METHODOLOGY AND APPLICATIONS IN IMPUTATION, FOOD CONSUMPTION AND OBESITY RESEARCH

A Dissertation

by

GAYANE KYUREGHYAN

Submitted to the Office of Graduate Studies of
Texas A&M University
in partial fulfillment of the requirements for the degree of

DOCTOR OF PHILOSOPHY

May 2009

Major Subject: Agricultural Economics

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Approved by:

Chair of Committee,	Oral Capps, Jr.
Committee Members,	Raymond Carroll
	George Davis
	Rodolfo Nayga
Head of Department,	John Nichols

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ABSTRACT

Methodology and Applications in Imputation, Food Consumption and Obesity Research.

(May 2009)

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Chair of Advisory Committee: Dr. Oral Capps, Jr.

Obesity is a rapidly growing public health threat as well as an economic problem in the United States. The recent changes in eating habits, especially the relative increase of food away from home (FAFH) consumption over the last three decades raised the possibility of causal linkage between obesity and FAFH. This study confirms the positive, significant association between the body mass index and FAFH consumption in adults, consistent with previous findings in the economic and nutrition literature. This work goes a step further, however. We demonstrate FAFH consumption at quick-service restaurants has a significantly larger effect on body mass index than FAFH consumption at full-service restaurants. Further disaggregation of FAFH by meal occasion reveals that lunch consumed away from home has the largest positive effect on body mass index compared to other meal occasions (breakfast, dinner and snacks).

Survey data with missing observations or latent variables are not rare phenomena. The missing value imputation methods are combined into two groups,

contingent upon the existence or absence of an underlying explicit statistical model. Explicit modeling methods include unconditional mean value imputation, conditional mean and regression imputation, stochastic regression imputation, and multiple imputation. The methods based on implicit modeling include hot deck and cold deck imputation. In the second essay, we review imputation methods commonly used in the agricultural economics literature. Our analysis revealed strong preference of researchers for the regression imputation method. We consider several alternative (regression, mean and median) single imputation methods to impute and to append prices of foods consumed at home (foods commercially purchased and prepared from ingredients) from the National Health and Nutrition Examination Survey (NHANES) dietary intake data. We also demonstrate the superiority of regression imputation method compared to the mean and median imputation methods for commercially prepared foods. For ingredient foods, the results are ambiguous with no imputation method clearly outperforming the others.

To my husband, Hrach, and our children, Sona and Davit,

For their endless love, faith and support.

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CHAPTER I

INTRODUCTION

Obesity is a rapidly growing public health threat reaching epidemic proportions worldwide. Currently every three out of four people and every one out of three people in the United States are considered overweight and obese, respectively. Health consequences associated with obesity are cardiovascular diseases, type 2 diabetes, musculoskeletal disorders and some cancers, and decreasing life expectancy. Without question, obesity is becoming one of the leading causes of premature death[1]. According to the Department of Health and Human Services, Centers for Disease Control and Prevention (CDC), this tendency is expected to continue. The medical costs of obesity rose from $35 billion in 1979-1981 to an estimated $117 billion in 2000,[2] making it a major economic problem as well.

While it is believed that genetic factors predetermine the rate of metabolism, economic and environmental factors also are blamed in tipping the balance between energy intake and energy expenditure. One of these factors, food consumed away from home (FAFH), has been subjected to public scrutiny and merited extensive research mainly due to the higher caloric density of FAFH compared to food at home (FAH) (Lin,

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This dissertation follows the style of *American Journal of Agricultural Economics.*

[1] Department of Health and Human Services, Centers for Disease Control and Prevention.
[2] *ibid*

Guthrie and Frazão (1999)), and the concurrent rise in both overweight prevalence rate and FAFH expenditure proportion in total food expenditure.

In *Obesity and Food Away from Home Consumption by Restaurant Type and Meal Occasion: Can Fast Food and Lunch Away from Home Make You Fatter?* (Chapter II) we use micro-level National Eating Trends (NET) data from National Purchase Diary (NPD) Group to explore associations between obesity and overweight prevalence and FAFH. While there is a substantial body of the economic and nutrition literature addressing the association between body mass and FAFH, research on the associations among different components of FAFH and body mass is sparse. Moreover, an omitted variable problem in obesity and FAFH models is omnipresent due to difficulties in measuring 'health knowledge' which would obviously influence both energy intake and body mass, and inevitably give rise to endogeneity problems. Therefore estimation methods that do not account for endogeneity are not adequate, and such methods result in biased estimates. In this study, we model associations between the body mass index and disaggregate FAFH by (i) food source and (ii) meal occasion, while controlling for household income, age, education and employment status and other covariates, in an effort to explain the recent weight gain trend in all strata of the population. We address the econometric issue of the endogeneity of caloric intake and expenditure in order to achieve statistically reliable results.

The National Health and Nutrition Examination Survey (NHANES) data are collected by the CDC in order to keep track of changes in obesity and other diseases that

are likely associated with dietary intake. While NHANES dietary intake data are an excellent source of food and nutrition intake and energy expenditure information, they do not include an important economic variable, namely price, which is much needed for a meaningful economic analysis of obesity. Survey data with missing observations or latent variables are not rare phenomena. Ignoring the missing observations in an analysis not only reduces efficiency due to a decreased number of observations, but also it might introduce bias in the estimates of underlying parameters if the observations are not missing at random. In the second essay, *A Literature Review of Imputation Methodology Indigenous to the Discipline of Agricultural Economics* (Chapter III) we discuss and analyze various missing value imputation methods. We review the agricultural economics literature to reveal the methods commonly used in the literature. In *A Missing Variable Imputation Methodology: Prototype Food Prices Database for Use with the National Health and Nutrition Examination Survey (NHANES) Dietary Intake Data* (Chapter IV) we perform a regression-based single imputation of the latent food price variable. We validate this method by comparing the forecasting precision of the regression imputed prices to mean and median imputed prices.

In Chapter V various economic factors giving rise or at least conditioning the rapid increase in obesity are discussed. Policy recommendations and future research opportunities stemming from this research are addressed as well.

CHAPTER II

OBESITY AND FOOD AWAY FROM HOME CONSUMPTION BY RESTAURANT TYPE AND MEAL OCCASION: CAN FAST FOOD AND LUNCH AWAY FROM HOME MAKE YOU FATTER?

Introduction

Obesity is a rapidly growing public health threat reaching epidemic proportions worldwide. It is prevalent in both developing and developed countries and affects both adults and children alike. The United States (US), being in the forefront of this issue, has overweight rates of 75.6% and 72.6% and obesity rates of 36.5% and 41.8% among males and females, respectively. By 2010, more than 77% of female and more than 81% of male population in the US are projected to be overweight[3]. Figures 2.1 and 2.2 demonstrate this tendency. Health consequences associated with obesity have been extensively researched and are well documented[4], indicating rising premature death toll and decreasing life expectancy (Peeters et al, 2003; Pi-Sunyer, 1993, 2002). Various estimates of the economic cost of obesity reach up to one hundred billion U.S. dollars and comprise a sizable portion of public health expenditure (Wolf and Colditz, 1994, 1998).

[3] World Health Organization, comparison of countries by BMI (for ages over 15), using WHO Estimates for certain available risk factors and other indicators, 2005.
[4] Ibid.

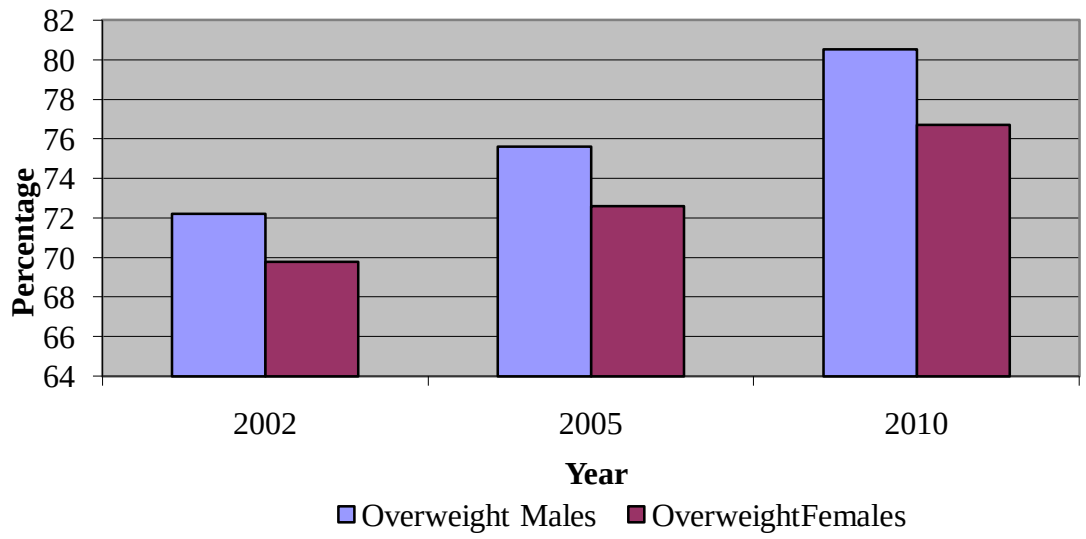


Figure 2.1 The proportion of overweight US male and female population of 15+ years of age

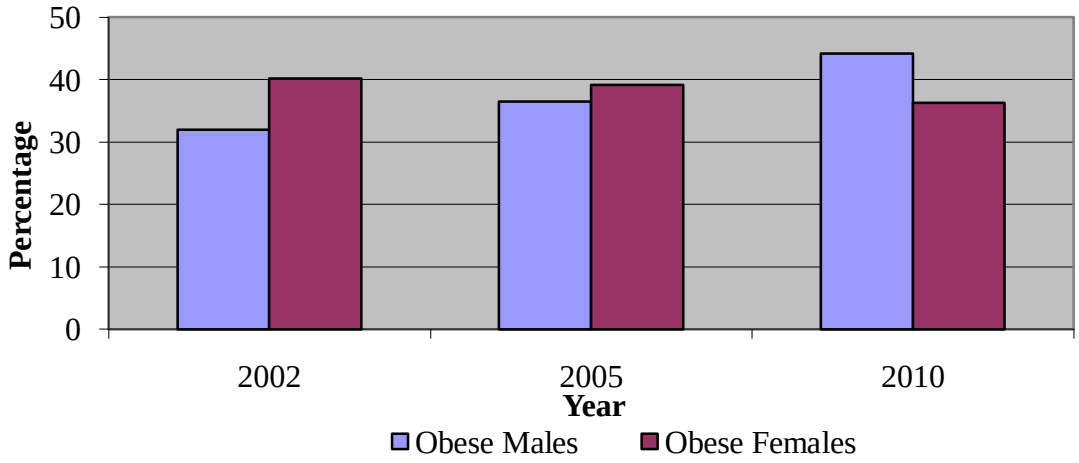


Figure 2.2 The proportion of obese US male and female population of 15+ years of age

While it is believed that genetic factors may predetermine the rate of metabolism (Cardon et al, 1994; Speakman, 2004), two to three decades is a relatively short period of time for genetic mutations to take place (Stunkard, Foch and Hrubec, 1986). Hence, economic and environmental factors also are blamed in tipping the balance between energy intake and energy expenditure.

For example, past research has associated overweight and obesity with changes in either energy intake or expenditure (Bleich et al, 2007), changes in lifestyle and major technological breakthroughs (Cutler, Glaeser and Shapiro, 2003), reduction in job strenuousness and reduction in food prices induced by technological change, women's increased labor force participation (Loureiro and Nayga 2005; Lakdawalla and Philipson 2002; Philipson and Posner 2003; Martínez-González et al 1999), increased demand for inexpensive convenience food (Cawley 2004), habit formation in food consumption (Cawley 1999), addiction to macronutrients (Richards, Patterson, and Tegene 2004), increase in tobacco prices (Chou, Grossman, and Saffer 2002, 2004; Mercer et al. 2003; Rashad 2006), and increased number of restaurants and urban sprawl (Chou, Grossman, and Saffer 2002; Lopez 2004).

In the context of increased caloric intake, the rise in overweight and obesity rates could be explained by either an absolute increase in the amount of foods consumed or a relative increase in the consumption of foods with high caloric density or both (Rashad, 2006; McCrory et al, 1999; Howarth et al, 2007; Young and Nestle, 2002; Nestle and Jacobson, 2000; Huang et al, 2004; Lin, Guthrie and Frazão, 1999; Binkley, Eales and

Jekanowski, 2000; Variyam, 2005). Caloric consumption has increased in the US from 2158 in 1970 to 2681 in 2005. Figure 2.3 demonstrates this trend[5]. Lin, Guthrie and Frazão (1999) demonstrate that food-away-from-home (FAFH) has higher caloric density compared to food-at-home (FAH). This fact, coupled with indication that FAFH expenditure share has in fact been increasing from about a third of total food expenditures in 1970 to almost a half in 2006[6], seems to endorse the possibility of significant effects of relative increase of FAFH consumption on overweight and obesity. Figure 2.4 demonstrates the consumption time trend of the food groups in food pyramid.

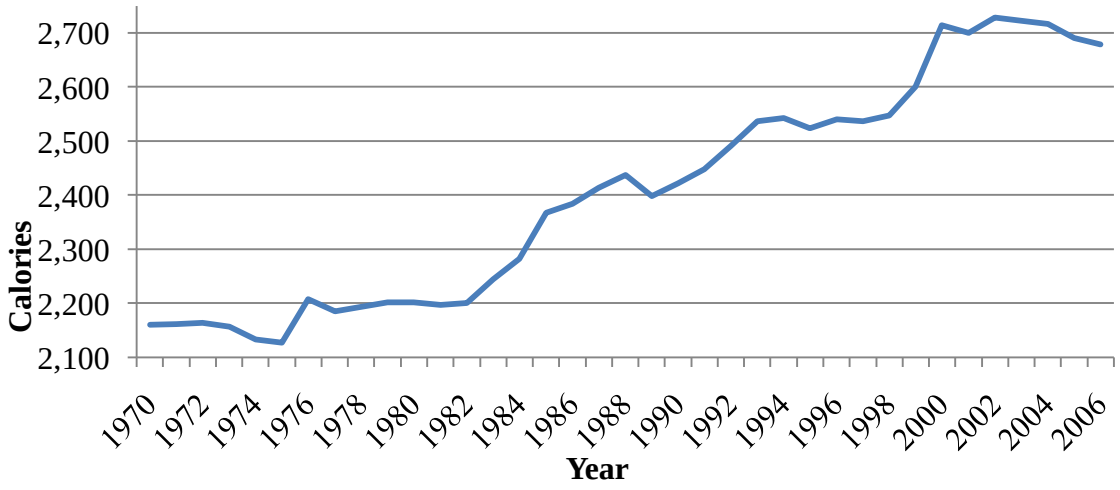


Figure 2.3 Per capita daily calorie consumption in US from 1970 to 2006

[5]Loss-Adjusted Food Availability Datasystems, ERS, USDA, at http://www.ers.usda.gov/Data/FoodConsumption.
[6]Food CPI, Prices and Expenditures: Food Expenditure Tables, Briefing Rooms, ERS, USDA http://www.ers.usda.gov/Briefing/CPIFoodAndExpenditures/Data.

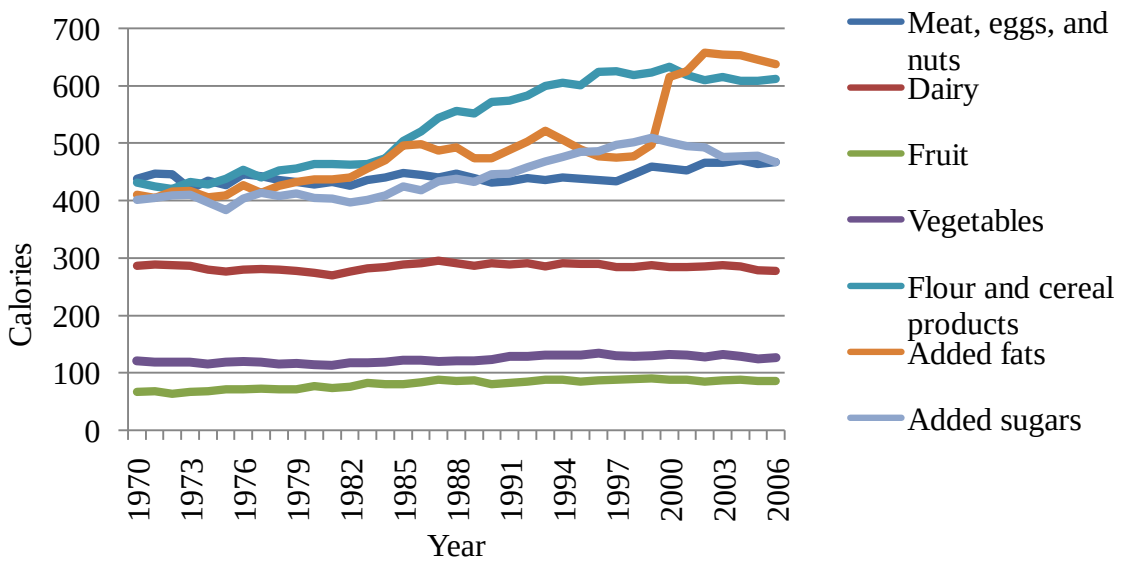


Figure 2.4 Per capita daily calorie consumption by food pyramid groups in US from 1970 to 2006

A number of studies have examined this issue in the past. For example, Rashad, Grossman and Chou (2005) and Binkley (2006) have modeled the relationship between BMI and restaurant availability and the number of restaurant visits, respectively. Yet, restrictive implicit assumptions in these studies that (i) FAFH in both Full Service (FS) and Quick Service (QS) restaurants affects BMI alike, and that (ii) the food consumed for different meal occasions affects BMI alike, may not be fully justified (Kuchler and Lin, 2002, Lin, Huang, and French, 2004). This limitation, compounded by inconsideration of the possibility of FAFH decisions' endogeneity to the models, limits the application of the results of previous studies.

Binkley, Eales and Jekanowski (2000) and Chou, Grossman, Saffer (2004) went a step further and modeled the relationship between BMI and caloric intake distinguished by restaurant type. While relaxing the first assumption mentioned above is an improvement over the previous models, we believe that relaxing the second assumption that meal occasions affect BMI identically is well motivated. Hence, in this chapter, we analyze the effect of FAFH not only by restaurant type but also by meal occasion. The second contribution of our study is to bring to the table the careful consideration, testing and treatment of endogeneity of some choice variables such as food consumption or physical activity as failure to do so will result in biased and misleading results.

To achieve our objectives, we propose to model the relationship between BMI and FAFH consumption in general. We expect FAFH to have positive significant effect on BMI. We also model the relationship between BMI and FAFH consumption disaggregated by restaurant type – Full Service (FS) and Quick Service (QS). We expect both to be positive, with the QS effect being significantly larger than the FS effect. Finally, we model the relationship between BMI and FAFH consumption disaggregated by meal occasion – Breakfast, Lunch, Dinner, and Snack. We expect Lunch, Dinner, and Snack to have positive significant effects on BMI, with Dinner having the largest effect as the biggest meal of the day. The relationship between Breakfast and BMI is not clear at this point based on the evidence about this particular meal in the literature (Kuchler and Lin, 2002, Lin, Huang, and French, 2004).

The following sections discuss the analytical framework and model, the data, the endogeneity issue, results, and conclusions.

Analytical Framework and Empirical Model

The conceptual framework of this study is based on household production theory (Becker, 1965). The implication of this theory for our models is that we can postulate that consumers derive utility from meals prepared and consumed at home, foods obtained and consumed away from home, health condition, and active leisure. Obviously these commodities are themselves interrelated – diets are based on health conditions and vice versa (at least in the inter-temporal sense), and the time factor affects each and every argument in the function. Therefore, referring back to the energy equation, foods consumed both at home and away from home refer to the caloric intake, and active leisure and both market and non-market work refer to energy expenditure. Since time is a limited resource, the substitution between any of these activities is based on the relative market prices of those activities and other constraints.

To formalize these interrelationships in the context of the above optimization, we model obesity by the following production function:

$$BMI = h(FAH, FAFH, Exercise, \mu) \qquad (2.1)$$

where equation (2.1) describes BMI as a function of the energy input from FAH and FAFH, energy expenditure (i.e., exercise) and a vector μ of demographic variables such as age, gender, race, income, education, marital status, and region of residence.

Theoretically, since BMI is an "output" of some "production" process where energy intake, in the form of food choices, and energy expenditure, in the form of physical activity, are "inputs", these "inputs" are truly choice variables. Whether or not they are rendered to be endogenous in our models based on empirical tests will motivate the choice of appropriate estimation technique.

To estimate the relationship described in (1) we use linear regression methods in four specifications:

$$\text{Model 1:} \quad BMI = \beta_{10} + \beta_{11} FAFH + \beta_{12} ExerciseHistory + \Gamma\Delta + \varepsilon_1$$

$$\text{Model 2:} \quad BMI = \beta_{20} + \beta_{21} FS + \beta_{22} QS + \beta_{23} ExerciseHistory + \Gamma\Delta + \varepsilon_2$$

$$\text{Model 3:} \quad BMI = \beta_{30} + \beta_{31} BFAFH + \beta_{32} LFAFH + \beta_{33} DFAFH + \beta_{34} SFAFH + \beta_{35} ExerciseHistory + \Gamma\Delta + \varepsilon_3$$

where Γ is a 1×18 vector of parameters and Δ is a 18×1 vector of demographic variables

β's are the parameters for food intake variables disaggregated by restaurant category (Model 2), and meal occasion (Model 3).

The models range from the most restrictions on parameter estimates (Model 1) to the model with the least restrictions (Modesl 2 and 3); Model 1 is nested in Model 2, and Model 1 is nested in Model 3. The idea is that as we move from Model 3 to Model 1, we

basically impose upon the model that all meals away from home affect BMI identically, which is an unwarranted assumption and the resulting parameter estimates would be the weighted average of the unrestricted parameter estimates.

Data

The data used for this research come from National Eating Trends (NET) provided by National Purchase Diary (NPD). Group NET is a database designed to track both individual consumers' and households' dietary behavior for food at home and away from home. The households were recruited from a national mail panel to participate in the survey. They were sent 14 daily diaries for recording dietary behavior information for each household member. The sample households are balanced to the total US Census each quarter, using the March Current Population Survey (CPS) from the previous year. Data cover the time period from Feb. 24, 2003 to Feb. 29, 2004. The data consist of 417,989 observations (number of foods eaten) for 4792 individuals from 1982 households.

The initial dataset observation units were number of foods consumed by each individual during 14 consecutive survey days. Since we model FAFH for different meal occasions and restaurant category, we are interested in keeping only those observations/foods for which respondents were clear for what meal occasion a particular food was consumed and where it was obtained from. Then the food observations per

individual were summed up and consequently individuals became observation units. Then individuals who had a higher (more than 20% of the time) incidence of not being able to assign the proper restaurant category were considered unreliable and were eliminated from the sample. We also eliminated the individuals who could not specify their Exercise History level.

Since this study concerns adult population only, we kept a sub-sample of only those of 20 years of age and above. After eliminating respondents with BMI below the 5^{th} percentile and above the 99^{th} percentile, we ended up with a sample size of 2,229 observation units/individuals.

Variables

Energy input is represented by foods consumed at home and away from home. Food consumption is represented by number of foods consumed, not quantities of food consumed. In particular, FAFH consumption was captured by creating a ratio of number of FAFH to the number of all foods consumed during the survey period.

We created variables to represent food consumption by restaurant type (FS and QS) and by meal occasion (Breakfast, Lunch, Dinner, Snack). Consequently, we came up with eight variables: Breakfast at Full Service (BFS), Lunch at Full Service (LFS), Dinner at Full Service (DFS), Snack at Full Service (SFS), Breakfast at Quick Service (BQS), Lunch at Quick Service (LQS), Dinner at Quick Service (DQS), Snack at Quick

Service (SQS), where the first letter stands for meal occasion, and the last two letters stand for restaurant type. They are represented in the upper left portion of Table 2.1. Aggregating from left to right (by meal occasion) and from top to bottom (by restaurant category) results in more aggregated levels of variables along these two dimensions, with FAFH being at the most aggregate level. The data indicate that approximately 18% of foods consumed was obtained from away from home. Within FAFH category, 40% of foods were obtained from FS restaurants and 60% from QS restaurants while almost half of the FAFH was consumed for Dinner. Quite predictably within FS segment, more than half the foods was eaten for dinner, while within QS segment most of the foods were eaten for lunch. The complete list of proportions of each group within the whole and proportions of subgroups within the groups is represented in the flow chart in Figure 1.4.

Table 2.1 Food Away From Home Variables at Disaggregated Levels by Meal Occasion and By Restaurant Segment

Breakfast at full service restaurants	Breakfast at quick service restaurants	**Breakfast**
Lunch at full service restaurants	Lunch at quick service restaurants	**Lunch**
Dinner at full service restaurants	Dinner at quick service restaurants	**Dinner**
Snack at full service restaurants	Snack at quick service restaurants	**Snack**
Full Service restaurants – FS	**Quick Service restaurants – QS**	**FAFH**

BMI is computed as ratio of self reported weight in kilograms to the height in meters squared. The mean value of approximately 27 is close to the national average of 28 according to Centers for Disease Control and Prevention for 2002. Energy expenditure is represented by the Exercise History variable, which is a binary variable that assigns 1 if the respondent exercised for more than three month prior to the survey period, and 0 otherwise. Government poverty guidelines for 2003 were used along with income variable to create Poverty Income Ratio (PIR), which takes into account household size and therefore is a better measure of per capita income than household income variable. It is calculated as

$$PIR = Income / Poverty\ Threshold$$

where income is taken to be the midpoint of the range chosen by respondents. Squared values for PIR and age are added to the models to capture the nonlinearity of BMI response to changes in these variables. A complete list, description and summary statistics are presented in Table 2.2 below. The proportion of each food group or subgroup is presented in Figure 2.5 below.

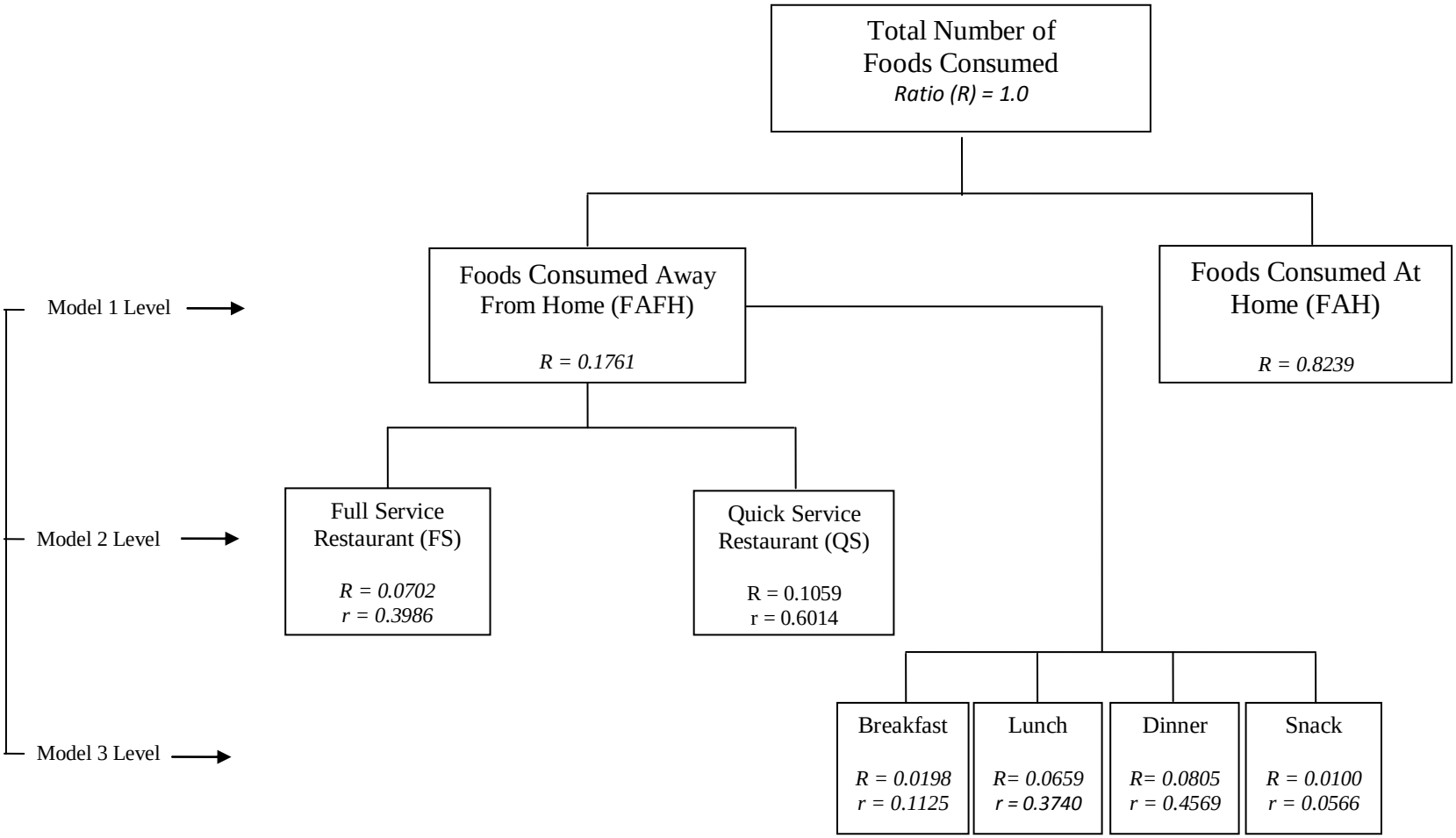


Figure 2.5 Food groups and subgroups and their proportions

R is the proportion of total number of foods consumed. *r* is the proportion of foods consumed in corresponding in subgroups.

Table 2.2 Variables Used in the Analysis and Summary Statistics

Variable	Description	Mean	Standard Deviation	Mini-mum	Maxi-mum
BMI	Body Mass Index	26.96	5.45	15.50	48.70
FAFH	Proportion of foods obtained from either Full or Quick service restaurants for all meal occasions	0.18	0.17	0	1
FS	Proportion of foods obtained from Full service restaurants for all meal occasions	0.07	0.10	0	0.80
QS	Proportion of foods obtained from Quick service restaurants for all meal occasions	0.11	0.12	0	1
BFAFH	Proportion of foods obtained from either Full or Quick service restaurants for Breakfast	0.02	0.05	0	0.65
LFAFH	Proportion of foods obtained from either Full or Quick service restaurants for Lunch	0.07	0.09	0	0.80
DFAFH	Proportion of foods obtained from either Full or Quick service restaurants for Dinner	0.08	0.10	0	0.70
SFAFH	Proportion of foods obtained from either Full or Quick service restaurants for Snack	0.01	0.02	0	0.24
ExerciseHist	Equals 1 if the respondent exercised for more than 4 months	0.77	0.42	0	1
Age	Age in years	49.68	15.84	20	92
PIR	Poverty income ratio	4.12	3.16	0.15	23.95
Male	Equals 1 if the respondent is male	0.42	0.49	0	1

Table 2.2 – Continued

Variable	Description	Mean	Standard Deviation	Mini-mum	Maxi-mum
FemaleHeadEmloyed	Equals 1 if the respondent's family female head works part- or full-time	0.57	0.49	0	1
MaleHeadEmloyed	Equals 1 if the respondent's family male head works part- or full-time	0.80	0.40	0	1
MaleEduCollege	Equals 1 if the respondent's family male head has college education	0.35	0.48	0	1
MaleEduSomeCollege	Equals 1 if the respondent's family male head has some college education	0.21	0.41	0	1
FemaleEduCollege	Equals 1 if the respondent's family female head has college education	0.38	0.49	0	1
FemaleEduSomeCollege	Equals 1 if the respondent's family female head has some college education	0.26	0.44	0	1
Married	Equals 1 if the respondent is married	0.74	0.44	0	1
WhiteNonHisp	Equals 1 if the respondent is White and is not Hispanic	0.82	0.39	0	1
BlackNonHisp	Equals 1 if the respondent is Black and is not Hispanic	0.08	0.28	0	1
OtherNonHisp	Equals 1 if the respondent is not White or Black and is not Hispanic	0.03	0.17	0	1
Northeast	Equals 1 if the respondent resides in Northeast	0.19	0.40	0	1
Midwest	Equals 1 if the respondent resides in Midwest	0.24	0.43	0	1
South	Equals 1 if the respondent resides in South	0.35	0.48	0	1

Endogeneity Issue

In order to address the caloric intake and calorie expenditure endogeneity issues raised previously, we perform Wu-Hausman tests on all FAFH and Exercise History variables. To avoid inappropriate responses to significant Hausman statistic we perform a nested sequence of two null hypotheses, suggested by Godfrey and Hutton, 1994: (i) test if simultaneity is the only misspecification, (ii) if the test statistic is insignificant in stage 1, perform the Hausman test for no simultaneity. The Godfrey/Hutton J statistic was calculated which has an asymptotic χ^2 distribution with $(p - k)$ degrees of freedom, where p is instrument matrix column rank and k is the column rank of the explanatory variables. As exhibited in Table 2.3, the test results show that at the 0.01 level, the J statistic is less than the critical value for all four models, indicating that J statistic is insignificant.

To proceed to stage 2, we need to find identifying instruments that are expected to be uncorrelated with unrestricted model error term and significantly partially correlated with the endogenous variables. A natural choice of such instruments would seem to be prices for foods both at home and away from home. Since these prices were not observed in our data, we used the Consumer Price Indices (CPI) for both FAH and FAFH differentiated by four census regions and by months as proxies. To mitigate potential shortcomings of these instruments, as well as to make use of other exogenous variables available in the data, Lewbel's proposed technique of obtaining instruments was employed (Lewbel, 1997). This technique constructs instruments from existing

Table 2.3 Instrument Specification Test Results

Models	Godfrey/Hutton J statistic
Model 1	20.9526**
Model 2	22.0671**
Model 3	7.8015

*, **, and *** indicate significance at 10%, 5%, and 1% or higher level, respectively.

endogenous and continuous exogenous variables using their second and third moments. An excellent example of constructing instruments using Lewbel's technique is described in Park and Davis (2001). Hence, the instruments used in Model 1 are the following:

$$r_1 = (Y - \bar{Y})(X - \bar{X})$$
$$r_2 = (Y - \bar{Y})(D_1 - \bar{D}_1)$$
$$r_3 = (Y - \bar{Y})(D_2 - \bar{D}_2)$$
$$r_4 = (Y - \bar{Y})(Z_1 - \bar{Z}_1)$$
$$r_5 = (Y - \bar{Y})(Z_2 - \bar{Z}_2)$$

where

Y is the dependent variable, BMI,

X is the continuous endogenous variable (i.e., FAFH),

D_1 and D_2 are the continuous exogenous variables, such as age and PIR,

Z_1 and Z_2 are the identifying instruments, such as CPIs for FAH and FAFH.

We used the same procedure to derive the instruments for Models 2 and 3. This procedure is useful especially in large cross-section data sets such as ours because estimates based on higher moments can be erratic in small samples and because with time series data other instruments can often be found such as lagged regressors (Lewbel, 1997).

The Wu-Hausman tests for endogeneity of all food variables and Exercise History variable in their respective models revealed that FAFH in Model 1, QS in Model 2, and LFAFH in Model 3 were indeed endogenous. Exercise History was exogenous in all four models. Generalized Method of Moments was used for IV estimation of each model to take care of heteroskedasticity by implementing White's heteroskedasticity consistent covariance estimator.

Results

FAFH Variables

The GMM parameter estimates are reported in Table 2.4. In Model 1, the FAFH variable is positive and significant (p-value = 0.02), signifying that for every 10% increase in FAFH ratio, BMI increases by 1.3 points, *ceteris paribus*.

In Model 2, both the FS and QS variables have the expected signs and are both significant (with p-value = 0.0170 and 0.0085, respectively). Results indicate that a 10 %

increase in either FS or QS will result in 0.3 and 1.02 points increase in BMI, respectively. These too, are large numbers considering that we are talking about food numbers rather than meal occasions here. Based on the estimates, QS affects BMI significantly more than FS, consistent with the findings of Binkley (2006) and public perception.

The results in Model 3 indicate that Lunch has the most detrimental effect on BMI. The very large parameter estimate of 34.74 indicates that an increase or decrease of the number of foods eaten away from home at lunch by 10% would have such a dramatic effect as making the average (overweight) person obese or normal weight, respectively. This result has important public policy implications such as policy actions that would discourage lunch consumption away from home by motivating employers to provide quality lunch food for their employees, etc. Interestingly, breakfast and dinner do not significantly influence BMI and snacks negatively affect BMI.

Control Variables

The signs of parameter estimates for the control variables are consistent with expectations and are remarkably consistent in all three models. As expected, those who exercised regularly for more than three months have significantly lower BMIs than those who did not. While this negative relationship has been established in Binkley (2000), the magnitude of the parameter estimates in all of our models is much larger than those in Binkley models. BMI, as expected, increases with age at a decreasing rate as captured by

the positive and negative significant coefficients of age and age-squared, respectively. All models indicate that Males tend to have higher BMI than Females, *ceteris paribus*. Surprisingly, employment is not statistically significant in any of the models. Binkley et al. (2000) demonstrate that unemployment significantly lowers men's BMI, but not women's BMI.

Female Head education at the college level does not affect BMI differently than a high school level education. Male Head education has the expected sign and does not affect BMI differently if the male head has a college degree when making FAFH consumption decision, in general, but does make a difference when deciding where or for which meal occasion to consume FAFH. Race and ethnicity do not seem to play a significant role in driving BMI, except that Black Non-Hispanics have significantly higher BMI compared to all other Hispanics (including Black Hispanic). Region is not statistically significant in all of the models.

Table 2.4 Parameter Estimates (t-statistics) of the Regressions

Variables	Model 1	Model 2	Model 3
Intercept	19.4954***	19.9880***	18.2913***
	(12.66)	(14.62)	(10.81)
Age	0.2938***	0.3027***	0.3317***
	(6.81)	(7.16)	(6.93)
Age_sq	-0.0025***	-0.0026***	-0.0029***
	(-6.03)	(-6.51)	(-6.31)
Male	0.4998**	0.5810***	0.4529*
	(2.01)	(2.71)	(1.76)
ExerciseHist	-1.5242***	-1.5212***	-1.5076***
	(-4.63)	(-4.74)	(-4.31)
PIR	-0.5215***	-0.3854***	-0.4621***
	(-3.36)	(-3.42)	(-3.67)
PIR_SQ	0.0194***	0.0167***	0.0179***
	(2.62)	(2.60)	(2.63)
FemaleHeadEmloyed	-0.2528	-0.1732	-0.1503
	(-0.86)	(-0.63)	(-0.51)
MaleHeadEmloyed	0.1385	0.0404	0.2838
	(0.35)	(0.11)	(0.67)
MaleEduCollege	-0.6169	-0.8808**	-0.8266**
	(-1.45)	(-2.57)	(-2.23)
MaleEduSomeCollege	-0.6896*	-0.8416**	-0.7451*
	(-1.72)	(-2.27)	(-1.79)
FemaleEduCollege	-0.2989	-0.2770	-0.0769
	(-0.90)	(-0.87)	(-0.21)
FemaleEduSomeCollege	-0.5225	-0.3622	-0.4717
	(-1.52)	(-1.15)	(-1.31)
Married	0.5873*	0.6123*	0.7970**
	(1.68)	(1.84)	(2.14)

Table 2.4 - Continued

Variables	Model 1	Model 2	Model 3
WhiteNonHisp	0.2369	0.1673	0.3804
	(0.50)	(0.37)	(0.76)
BlackNonHisp	2.0117***	1.8272***	2.6468***
	(3.08)	(2.92)	(3.45)
OtherNonHisp	-1.0367	-0.9684	-0.7157
	(-1.27)	(-1.25)	(-0.80)
Northeast	-0.4354	-0.4144	-0.1133
	(-1.19)	(-1.20)	(-0.28)
Midwest	-0.4998	-0.4823	-0.6233*
	(-1.42)	(-1.43)	(-1.65)
South	-0.0644	-0.0301	-0.2014
	(-0.20)	(-0.10)	(-0.56)
FAFH	13.1529**		
	(2.33)		
FS		2.9288**	
		(2.39)	
QS		10.2117***	
		(2.63)	
BFAFH			-4.4164
			(-1.00)
LFAFH			34.7369***
			(2.73)
DFAFH			-0.9172
			(-0.40)
SFAFH			-16.5562**
			(-2.38)
N	2229	2229	2229

*, **, and *** indicate significance at 10%, 5%, and 1% or higher level, respectively.

Concluding Remarks

Due to the increasing share of consumers food expenditures for FAFH, we examined its effect on obesity by restaurant type and by meal occasion. While other studies have examined the effect of FAFH on obesity, our study went one step farther by evaluating the associations between BMI and FAFH disaggregated by restaurant type and by meal occasion. Consistent with our prior expectations, our results suggest that FAFH consumption indeed is positively related to BMI. What is intriguing though from our findings is that we found that foods consumed from QS restaurants positively affect BMI more than foods from FS restaurants. Even more striking is that we found that lunch away from home has a higher positive influence on BMI than any other meal occasion. So can fast food and lunch away from home make one fatter? The answer is yes! Our findings suggest that the public perception that quick service or fast food is one of the major contributors to BMI is justified, and sizably more so than full service restaurant food. Our findings also have important implications for public health policy since they imply that individuals can reduce weight by avoiding foods from quick service restaurants and going out to lunch.

CHAPTER III

A LITERATURE REVIEW OF IMPUTATION METHODOLOGY INDIGENOUS TO THE DISCIPLINE OF AGRICULTURAL ECONOMICS

Introduction

The observational data are microdata that represent a phenomenon in a natural setting. In contrast experimental or simulated data are collected or generated in a controlled environment. Appealing as the observational data seem, there is a cost that comes with them. The data might have measurement errors due to recall bias and inaccurate reporting of behaviors, there might be missing data points, there might be missing variables altogether, etc. For example, surveys designed to track the issue of obesity would almost certainly have measurement errors in self-reported BMI or the quantity of foods consumed[7]. Surveys, such as the NHANES, typically have questions that have been asked in the earlier years, but dropped in later years, or new questions asked in later years were not asked originally. Additionally, in a particular research, a variable of interest might not be present in a survey data set because the survey data were collected with different objectives, and it is costly to conduct surveys. Any of these situations would create missing value problems.

[7] Self-Reported Concern About Food Security Associated with Obesity --- Washington, 1995—1999, The Morbidity and Mortality Weekly Report (MMWR) Series, CDC.

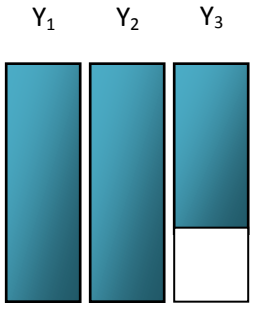
The research subject of this essay is the missing data problem and the methods to remedy it. Standard statistical methods are developed for analyzing data without missing values, referred to as complete case analysis. As mentioned above, survey data without missing observations are rare phenomena. Some of the examples are (i) poor design of the survey so that the possible choices for a question do not exhaust the entire set of all possible answers, or (ii) discontinuity of the experiment process due to factors other than the ones being experimented on, an illustration for which would be loss of the crop in a herbicide experiment not due to herbicide failure, but due to drought, etc. The complete case analysis is generally inappropriate as it limits the information in the system being analyzed and might result in bias if the eliminated (missing) sample is not a random subset of the original sample (Little and Rubin, 2002). This technique would also limit the researcher's ability to fully investigate the data at hand or to address questions if the variables of interest are latent (Brown, 2002).

Theoretical Setup

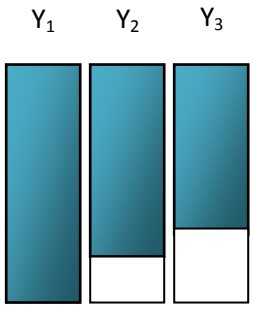
To analyze data sets with missing data, it is necessary to understand the pattern and the mechanism of the missing data (Little and Rubin, 2002). The former essentially describes which data are available and which are missing and group them by the patterns made by the missing data. The latter describes the relationship between the values in the data set and the missingness outcome.

To illustrate these concepts, we will follow the notation of Little and Rubin, 2002, and let $Y = y_{ij}$ denote a dataset of *i* rows or observations and *j* columns or variables, where $i = 1,\ldots,n, j = 1,\ldots,k$. The missingness patterns can be meaningfully grouped into the following:

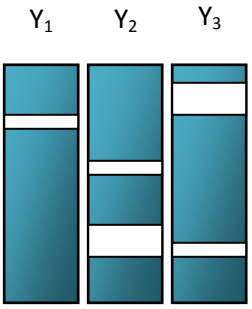
1) Univariate missing data where missingness is confined to a single variable such that one of the *k* variables was observed for only $1 < n_1 < n$ rows. An example of this pattern could be when a machine breaks down in an experiment before the end of the experiment or a survey object in a longitudinal survey moves or dies. The general pattern for $j = 3$ would be as follows.



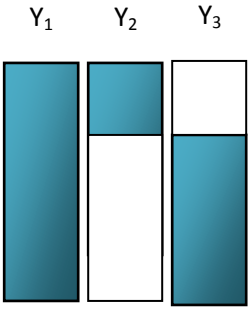
2) Multivariate missing data where a set of variables has missing values on the same or monotonically increasing number of rows.



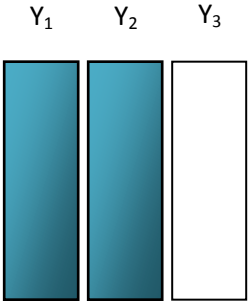
3) A more general pattern of missingness is when data are missing in a haphazard pattern, e.g. survey non-response, a very widespread phenomenon.



4) A pattern where two sets of variables are not jointly observed such as sets of l and m, such that Y_{il}, $i = 1,\ldots,n_1 - 1$, where $n_1 < n$, and Y_{im}, $i = n_1,\ldots,n$.



5) Latent variable pattern when one or more variables are never observed in the data set. For example, in food consumption data, the prices of various foods consumed are latent.



The underlying mechanisms that give rise to missing data need to be understood and analyzed in order to address the problem appropriately. To accomplish this task, define a missing data indicator matrix $M = [m_{ij}]$, such that $m_{ij} = 1$ if y_{ij} is missing, and 0 otherwise. The conditional distribution of M given Y describes the underlying mechanism that gives rise to the missing data. If

$$f(M|Y, \phi) = f(M|\phi) \quad \forall Y, \phi \qquad (3.1)$$

where ϕ denotes unknown parameters, then the data are said to be missing completely at random (MCAR). The assumption that the missingness is not conditioned by the data, both missing and observed, is a strong assumption. A weaker assumption, that missingness does not depend on missing data values, only on the observed data, that is:

$$f(M|Y, \phi) = f(M|Y_{OBS}\phi) \quad \forall Y_{MIS}, \phi \qquad (3.2)$$

where Y_{OBS} and Y_{MIS} denote the observed and missing components of Y, respectively, gives rise to data called missing at random (MAR). In all other cases the data are labeled as not missing at random (NMAR).

To demonstrate the concept of the missing data mechanisms, consider a dataset that has variables of age and gender. Suppose age has some missing observations. If the probability of the outcome of 'missing' of a certain age observation is independent of the values of age and gender of that observation, then the missingness mechanism is MCAR. If the probability of the outcome of 'missing' of a certain age observation is independent of the values of age, but is not independent of the values of gender for that observation,

then the missingness mechanism is MAR. That is, the probability of not revealing age is higher if the respondent is a female, but the age of that particular female does not condition the probability of not revealing age.

The last two missingness concepts we need to distinguish are unit nonresponse and item nonresponse. The former pertains to a total nonresponse of a survey subject, e.g. a subject did not return a survey questionnaire altogether. The latter pertains to nonresponse to some questions. In other words, the subject returned filled out questionnaire with some questions not answered.

Missing Data Imputation Methods

Missing data imputation methods can be organized in several ways. One way to organize them is by the number of imputed values for each imputation. Single imputation methods impute one value for each missing datum, whereas multiple imputation methods assign a vector of values for each missing datum.

Another way of organizing imputation methods is whether assumptions about underlying predictive distributions of missing values are explicit or implicit. In other words, this taxonomy depends on whether the predictive distribution is based on a formal statistical model, or there is no explicit statistical model (Little and Rubin, 2002).

Explicit modeling methods include the following imputation methods.

I. Unconditional Mean Imputation.

Unconditional mean imputation is done by imputing the mean value of nonmissing observations for the missing observations. Once very popular because of computational simplicity, it is not a recommended course of action anymore. Even if it yields unbiased estimates (under MCAR), the sample variance of the filled in data set underestimates the variance as a result of imputing missing values at the mean of the distribution. This method can be easily extended to include median or even mode imputation.

II. Conditional Mean Imputation

There are two types of conditional mean imputations:

(i) A common method is to classify observations or groups of observations into adjustment cells. This imputation method assigns respondent mean (mean value of the observed data) for missing values in the same cell. This method too can be extended to include median and mode imputation.

(ii) Regression imputation. Consider Pattern 1 (univariate missing) described above. This method implies regression of the first l rows of Y_3 on Y_1 and Y_2, then fills in the missing $n - l$ missing values for Y_3 using the estimated equation:

$$\hat{Y}_{i3} = \hat{\beta}_{30,1\ldots l} + \hat{\beta}_{31,1\ldots l} Y_{i1} + \hat{\beta}_{32,1\ldots l} Y_{i2} \quad (3)$$

where $i = l+1,\ldots,n.$, and β's are parameter estimates from the above regression.

III. Stochastic Regression Imputation is a simple extension over regression imputation above (estimated equation (3)), by adding a stochastic term with mean 0 and variance equal to the residual variance from the regression above.

IV. Multiple Imputation incorporates imputation uncertainty associated with filling in a value that was previously missing. Therefore, incorporating a random component in each imputed value rules out the uniqueness of the complete data set. Hence a vector of imputed values, rather than a single imputed value, is generated for each missing datum. Multiple Imputation method makes a use of the posterior distribution of the parameters to construct new parameters to calculate new fitted dependent variables. The following example from Rubin, 1987, pp. 166-167 demonstrates this method. Consider predicting a univariate *Y* from a collection of q predictors *X* using a linear regression model. Here $Y \sim N(X\beta, \sigma^2)$. *A posteriori*, σ^2 is $\hat{\sigma}_1^2(n_1 - q)$ divided by a $\chi^2_{n_1-q}$ random variable, and β is normal with mean $\hat{\beta}_1 = [X'X]^{-1}X'Y$and variance $\sigma^2[X'X]^{-1}$, where n_1 is the number of nonmissing observations, and $\hat{\sigma}_1^2 = \sum_{obs}\left(Y_i - X_i\hat{\beta}_1\right)^2/(n_1 - q)$.

Multiple Imputation method works in four steps:

(1) Draw a $\chi^2_{n_1-q}$ random variable g and calculate $\sigma_*^2 = \hat{\sigma}_1^2(n_1 - q)/g$.

(2) Draw q independent N(0,1) random variables to form *qx1* vector Z to calculate $\beta_* = \hat{\beta}_1 + \sigma_* V^{1/2} Z$.

(3) Assigns *m* values to each Y_{MIS} as $Y_{i*} = X_i\beta_* + z_i\sigma_*$, where $V = [X^{'}X]^{-1}$ and z_i are independent draws of standard normal distribution.

(4) Impute the mean of *m* values for Y_{i*} to impute a value for each missing Y_i.

In the case of longitudinal data, in addition of the above methods, the mean, median and mode of the survey subject's previous values, as well as any convex combination of the previous and next observation values have been used to substitute the missing values (Engels and Dehir, 2003).

Methods based on implicit modeling include the imputation methods below.

V. Hot Deck Imputation involves a random draw substitution from a similar responding unit. There are several variations of this method. One of them, employed by the U.S. Census Bureau, categorizes the variables without missing values and uses donors from identical categories to impute the missing data. Metric-Matching Hot Deck methods define a measure of distance between respondents and non-respondents. Then the missing values are imputed by the nonmissing values of *m* closest respondents.

VI. Cold Deck Imputation method substitutes missing values with constants from an external to the survey source, such as substituting missing values with values from a previous realization of the same survey.

Imputation Methods Used in the Agricultural Economics Literature

In this study we explore the use of missing value imputation methodology in the agricultural economics literature. This meta-analysis would reveal past and present work in the literature as far as imputation techniques are concerned, which combined with the concise review of the techniques in the previous section, will enable the future research to address missing value problem more adequately. The objective of this study is to create a rather extensive review of empirical agricultural economics research that uses an imputation technique to address non response in survey data.

The two available search engines to use for this purpose were the Social Science Citation Index from Web of Knowledge, and Google Scholar. We proceeded by the principle of elimination.

Elimination Rule 1 – We make use of the key word ‘empirical’ to eliminate studies that have imputation methodology theoretical research/comparison as their objective and/or use simulated data to demonstrate their points. This stipulation alone disqualified Social Science Citation Index as a search engine as it searches the title, abstracts and the keywords only. So from here on we proceeded by using Google Scholar exclusively.

Elimination Rule 2 – We eliminated studies published in journals that do not have ‘Agri business’, ‘Agri marketing’, ‘Agricultural Economics’ words in their titles.

Elimination Rule 3 – We used Advanced Search option in Google Scholar to select articles using ‘impute OR imputed OR imputation AND missing’ as key words.

The search revealed 208 results from different journals. Further eliminations are made by reading the articles and assessing their values for our purposes. A final selection resulted in 28 chosen articles. The list of studies, imputation and other details are presented in Table 3.1 below.

Table 3.1 The List of Studies and Imputation Methods Used

Studies	Imputed Variable	Imputation Method [1] Mean [2] Median/Other [3] Regression [4] MI [5] Hot/Cold Deck	Sample Size	Missing (%)	Pattern	Data
[1] Arnade, C., Gopinath, M. The Dynamics of Individuals' Fat Consumption. *American Journal of Agricultural Economics (AJAE)*, 88(4), November 2006, 836 – 50.	Price for '0' purchase	3, censored	9,500	2.2	3	AC Nielsen HomeScan
[2] Yen, S.T., Lin, B.-H., Smallwood, D.M. Quasi- and Simulated-Likelihood Approaches to Censored Demand Systems: Food Consumption by Food Stamp Recipients in the United States. *AJAE*, 85, 2003, 458 – 78.	Price for '0' purchase	1, regional	817	.73-47.7	3	National Food Stamp Program Survey
[3] Perali, F., J.-P. Chavas. Estimation of Censored Demand Equations from Large Cross-Section Data. *AJAE*, 82, 2000, 1022 – 37.	Price for '0' purchase	3, censored	25,644	22	3	Encuesta Nacional de Ingresos y Gastos de Columbia
[4] Roe, B., Irwin, E.G., Sharp, J.S. Pigs in Space: Modeling the Spatial Structure of Hog Production in Traditional and Nontraditional Production Regions. *AJAE,* 88(3), 2006, 742 – 49.	County-level hog inventories	5	1,203	7	3	1992 +1997 Census of Agriculture (USDA)

Table 3.1 – Continued

Studies	Imputed Variable	Imputation Method [1] Mean [2] Median/Other [3] Regression [4] MI [5] Hot/Cold Deck	Sample Size	Missing (%)	Pattern	Data
[5] Yen, S.T., Lin, B.-H. A Sample Selection Approach to Censored Demand Systems. *AJAE*, 88(3), 2006, 742 – 49.	Price for '0' purchase	1, regional	2,827	90.3	3	2000 Urban Household Survey by China's National Stat.Bureau
[6] Hamermesh, D.S. Time to Eat: Household Production Under Increasing Income Inequality. *AJAE,* 89(4), 2007, 852 – 63.	(i) time spent on eating (ii) income	3, score-matching 3	21,000	-	3	TUS85 CES85 ATUS03
[7] Fall M., Magnac T. How Valuable Is On-Farm Work to Farmers? *AJAE,* 86(1), 2007, 267 – 81.	(i) Implicit wage (ii) Off-farm wage	1 2	556 884		4	Financial Assets Survey (FAS) Labor Force Survey (LFS)
[8] Carpio C.E., Wohlgenant M.K., Safely C.D. A Structural Econometric Model Of Joint Consumption Of Goods And Recreational Time: An Application To Pick-Your-Own Fruit. *AJAE,* 90(3), 2008, 644 – 57.	(i) Time spent picking fruit (ii) Opp. cost of time	3 5	1,701	51	1	North Carolina Strawberry Association OECD 2007
[9] Rucker R.R., Burt O.R., LaFrance J.T. An Econometric model of Cattle Inventories. *AJAE,* 66(2), 1984, 131 – 44.	Beef breeding herd	3	30		1	US Breeding Herd series 1950-80

Table 3.1 – Continued

Studies	Imputed Variable	Imputation Method [1] Mean [2] Median/Other [3] Regression [4] MI [5] Hot/Cold Deck	Sample Size	Missing (%)	Pattern	Data
[10] Chung C., Schmit T.M., Dong D., Kaiser H.M. Economic Evaluation of Shelf-Space Management in Grocery Stores. *Agribusiness*, Vol. 23 (4), 2007, 583 – 97.	Price prior to program implementation	4	3080	50	1	Survey on Northwestern Hudson Valley Market, New York
[11] Zheng Y., Kaiser H.M. Evaluating the Effectiveness of Generic Advertising Versus Nonadvertising Marketing Activities on New York State Milk Markets. *Agribusiness:an International Journal*, 25, 2009	Non-advertising values	4	40	7	1	New York State Dairy Statistics Annual Summary
[12] O'Donnell, C.J., Griffith, G.R., Nightingale, J.J., Piggott, R.R. Testing for Market Power in the Australian Grains and Oilseeds Industries. *Agribusiness*, 23(3), 2007, 349 – 76.	(i) Labor (ii) grains oilseed prices	3	60		3	Survey
[13] Lee J.-Y. Imputed Missing Incomes and Propensity to Consume Food. *Western Journal of Agricultural Economics*, 11(2), 1986, 115 – 22.	Income	3	14,597		3	Nationwide Food Consumption Survey NFCS

Table 3.1 – Continued

Studies	Imputed Variable	Imputation Method [1] Mean [2] Median/Other [3] Regression [4] MI [5] Hot/Cold Deck	Sample Size	Missing (%)	Pattern	Data
[14] Bulut H., Lawrence J.D., Meat Slaughter and Processing Plants' Traceability Levels: Evidence from Iowa. *Dept of Economics Working Papers Series*, Working Paper # 08015, April 2008.	Several	4	53		3	Iowa Department of Agriculture and Land Stewardship (IDALS)
[15] Brox J.A., Kumar R.C., Stollery K.R. Estimating Willingness to Pay for Improved Water Quality in the Presence of Item Nonresponse Bias. *AJAE,* 85(2), 2003, 414 – 28.	Willingness to Pay (WTP)	3, Heckman type	899-1003	11	3	The Grand River Watershed Survey
[16] Messonnier M.L., Bergstrom J.C., Cornwell C.M., Teasley R.J., Cordell H.K. Survey Response-Related Biases in Contingent Valuation: Concepts, Remedies, and Empirical Application to Valuing Aquatic Plant Management. *AJAE,* 82(2),438–50	WTP	3, Heckman type	3224		3	Tennessee Valley Authority (TVA) and U.S. Army Corps of Engineers (USACE) reservoirs

Table 3.1 – Continued

Studies	Imputed Variable	Imputation Method [1] Mean [2] Median/Other [3] Regression [4] MI [5] Hot/Cold Deck	Sample Size	Missing (%)	Pattern	Data
[17] Zheng y., Kaiser H.M. Estimating Asymmetric Advertising Response: An Application to U.S. Nonalcoholic Beverage Demand. *Journal of Agricultural and Applied Economics*, Vol. 40(3), 08	(i) price of water (ii) Advertisingof water	4	32	31 34	1	CPI detailed report Food availability Data system (ERS USDA)
[18] Roe B., Haab T.C., Sohngen B. The Value of Agricultural Economics Extension Programming: An Application of Contingent Valuation. *Review of Agricultural Economics*, Vol. 26(3), 2004, 373 – 90.	Business sales	1	272	64	3	Survey
[19] Whitehead J.C. Measuring Use Value from Recreation Participation. *Southern Juornal of Agricultural Economics*, December 1992, 113 – 19.	(i) Income, conserve. Organiza. (ii) all other	3 1	477		3	Survey
[20] Townsend J.P., Brorsen B.W. Cost of Forward Contracting Hard Red Winter Wheat. *Journal of Agricultural and Applied Economics*, Vol.32(1),2000, 89–94	Arkansas River bids	3	4745	4	3	Arkansas River (Catoosa, Oklahoma) forward contract bids for wheat

Table 3.1 – Continued

Studies	Imputed Variable	Imputation Method [1] Mean [2] Median/Other [3] Regression [4] MI [5] Hot/Cold Deck	Sample Size	Missing (%)	Pattern	Data
[21] Koontz S.R., Ward C.E. Electronic Market Use by Oklahoma Lamb Producers. *Journal of Agricultural and Applied Economics*, Vol. 18, No. 1, 1993, 70 – 85.	(i) Gross farm income (ii) Reported % income from sheep	3, Heckman type	178	33 21	3	Survey
[22] Gomez M.I., Maratou L.M., Just D.R. Factors Affecting the Allocation of Trade Promotions in the U.S. Food Distribution System. *Review of Agricultural Economics*, Vol. 29(1), 2007, 119 – 40.	Consumer Loyalty	3	185	30	3	Food Industry Management Program at Cornell University in 2003
[23] Jordan J.L., Elnagheeb A.H. Differences in Contingent Valuation Estimates from Referendum and Checklist Questions. *Journal of Agricultural and Resource Economics*, Vol. 19(1),1994, 115 –28.	Income	3	180	9	3	Survey
[24] Kijima Y., Otsuka K, Sserunkuuma D. Assessing the Impact of NERICA on Income and Poverty in Central and Western Uganda. *Agricultural Economics*, 38 (2008), 327 – 37.	Labor Cost	1	490		3	NERICA survey 2004

Table 3.1 – Continued

Studies	Imputed Variable	Imputation Method [1] Mean [2] Median/Other [3] Regression [4] MI [5] Hot/Cold Deck	Sample Size	Missing (%)	Pattern	Data
[25] Lindberg K., Johnson R.L., Berrens R.P. Contingent Valuation of Rural Tourism Development with Tests of Scope and Mode Stability. *Journal of Agricultural and Resource Economics*, Vol. 22(1), 1997, 44 –60.	Income, age, education	5	571		3	Survey
[26] Zheng X., Zhen C., Wohlgenant M. Effects of Container Size on Overconsumption of Carbonated Soft Drinks. Selected Paper prepared for presentation at the American Agricultural Economics Association Annual Meeting, Orlando, FL, July 27-29, 2008	price	3	243,350	16	1	AC Nielsen HomeScan
[27] Abdelmagid B.D., Wohlgenant M.K., Safely C.D. Demand for Plants Sold in North Carolina Garden Centers. *Agricultural and Resource Economics Review*, 1996.	Price	2	1,519		3	Survey
[28] Capps O., Jr., Cheng H.-T. The Missing Income problem in Analyses of Engel Functions. *Western Journal of Agricultural Economics*, 11(1), 31 – 39, 1986.	Income	3	14,000	30	3	Nationwide Household Food Consumption Survey (NFCS)

Results and Discussion

The studies were reviewed on the basis of the following criteria:

(i) Imputed Variable
(ii) Imputation Method
(iii) Sample Size
(iv) Missing Percentage
(v) Missingness Pattern
(vi) Data Source

Imputed variables were diverse (more than a dozen varieties), with the most frequent being price and income. Some examples are implicit wage, willingness to pay, advertising, etc.

The results indicate that a regression imputation method and all its variations are by far the most popular method in the agricultural economics literature. In our list in 16 imputations out of 32 researchers opted for regression analysis. Despite the shortcomings of the mean imputation, it is the second most used method (6 imputations). Computational simplicity and popularity are two of the reasons that still make this method appealing to researchers. Multiple imputation is the third most popular method (4 imputations). Hot/cold deck imputations, due to the fact that they are almost exclusively used for demographic variables, and other imputations are the least popular methods.

The sample sizes generally ranged from 30 to almost 26,000, with one study using 243,350 observations. The proportion of missing data in each study is perhaps more relevant to explaining the choice of missingness methods, but unfortunately it was supplied in 14 cases only, and ranged from 4 – 64% of the total sample sizes.

The missing variable problem discussion above with emphasis on missingness patterns and mechanisms seemed to serve as a solid ground for comparison of the studies involved in this review. Unfortunately, very few of researchers mentioned assumptions about the missingness mechanisms, and none of them mentioned missingness patterns to motivate the further choice of imputation methods. We left the missingness mechanism out of the summary table solely on the grounds that the values of that variable would not be coming from the original research papers, and would be heavily imputed by the authors of this essay.

On the other hand, we did include the missingness pattern variable because even if none of the researchers mentioned them explicitly, these were more straightforward to deduce from data and variable descriptions than the assumption about the missingness mechanisms. General and univariate missingnrss patterns are the most frequent patterns in this sample with 95% combined share of patterns. This result may not be representative for the entire population because we ignored the few studies explicitly stating that observations with missing values were completely excluded from analyses (complete case analysis). The motivation of this exclusion is that given the widespread nature of survey data missingness and very few papers actually doing imputation, we

concluded that the standard is eliminating missing observations. Therefore including those few studies mentioning complete case analysis would give a distorted picture of the true distribution of the frequencies of the missingness methods used.

Conclusion

Survey data have been known for having several statistical problems, with missing values being one of them. The standard in the agricultural as well as other behavioral science literature has been and still is ignoring observations with missing values. There is a substantial body of statistical literature that demonstrates the disadvantages of this approach and introduces a host of methods for filling in the missing data. In this study we briefly discuss the theory behind missingness and explore the use of missing value imputation methodology in the agricultural economics literature.

In total 208 articles were studied in this analysis. This study reveals that the missingness pattern that prevails in the data agricultural economists used is the random missingness or general pattern. To remedy this type of missingness, agricultural economists extensively have used the regression imputation method to impute price, income, willingness to pay, advertising and other variable values.

CHAPTER IV

A MISSING VARIABLE IMPUTATION METHODOLOGY: PROTOTYPE FOOD PRICES DATABASE FOR USE WITH THE NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY DIETARY INTAKE DATA

Introduction

The objective of this study is to impute and to append price variables to NHANES dietary intake data. Different approaches are adopted for imputation contingent upon the food source or place of consumption. Price imputation for food away from home has been performed by acquisition of restaurant food price data for certain food items/meals in two different metropolitan statistical areas (MSAs) in 2007. 2001-2002 food away from home prices for all MSAs were found by extrapolating the data back through time and to different geographical locations using Consumer Price Index and other indices for covering for geographical variations. The company subcontracted for restaurant price collection was Technomics, Inc.

This study focuses on the regression-based imputation procedure for food at home price only. This method is accomplished through the following steps.

1. Identify a reference dataset with observed price and a non-empty common set of variables, such as the Nielsen Home Scan dataset, according to the following three criteria:

(i) The variable of interest, price in this case, has been observed in this consumption or purchase reference data set,

(ii) There exists a non-empty set of covariates, minimally purchase date and region data, common in both datasets, and

(iii) The reference dataset is nationally representative.

2. Prepare the reference data set for regression by converting the data to the appropriate format and preparing the appropriate variables,
3. Match food codes in NHANES with foods in the reference data set,
4. Perform regression based imputation of prices by specifying and estimating a model of price as a function of common exogenous variables such as season, region,
5. Validate the proposed method by performing out-of-sample validation, as well as validation by comparison to national averages,
6. Use the estimated parameters from reference data estimations to predict a price for each food code in NHANES.

The reference data base chosen for this project is the Nielsen Home Scan food purchase data. The Nielsen panel members are selected based on their demographic profile to make the panel as nationally representative as possible. In addition, projection factors for households, which are simply weights of each type of household in the nation, are designed by the Nielsen Company that can be used as weights to make the analysis results truly nationally representative. The data on the panel members' grocery

food purchases, quantities purchased and expenditures paid per each food item, date and place of purchase, along with data on households' demographic profile are available on an annual basis. These make the Nielsen Home Scan database an outstanding candidate for this project. Figure 4.1 below demonstrates the imputation process and illustrates it by a hypothetical example.

Step 1. Identification of the Reference Data Set

National Health And Nutrition Examination Survey

NHANES is a database designed to assess the health and nutritional status of adults and children, and associate it with risk factors and prevalence of major diseases. The first three surveys National Health Examination Surveys administered between 1959 and 1970 focused on chronic diseases and growth and development of children and adolescents. As the linkage between nutritional status and chronic disease risk became more acknowledged, this survey was combined with National Nutrition Surveillance System to form National Health and Examination Survey in 1969. Seven NHANES surveys have been conducted since 1970. Starting 1999 it became continuous, although the results are reported biannually for confidentiality reasons. Each year approximately 5000 persons were chosen from 15 counties from around the country. While this project is focusing on NHANES 2001-2002, replication for other NHANES data is straightforward and can be accomplished with relatively minor revision.

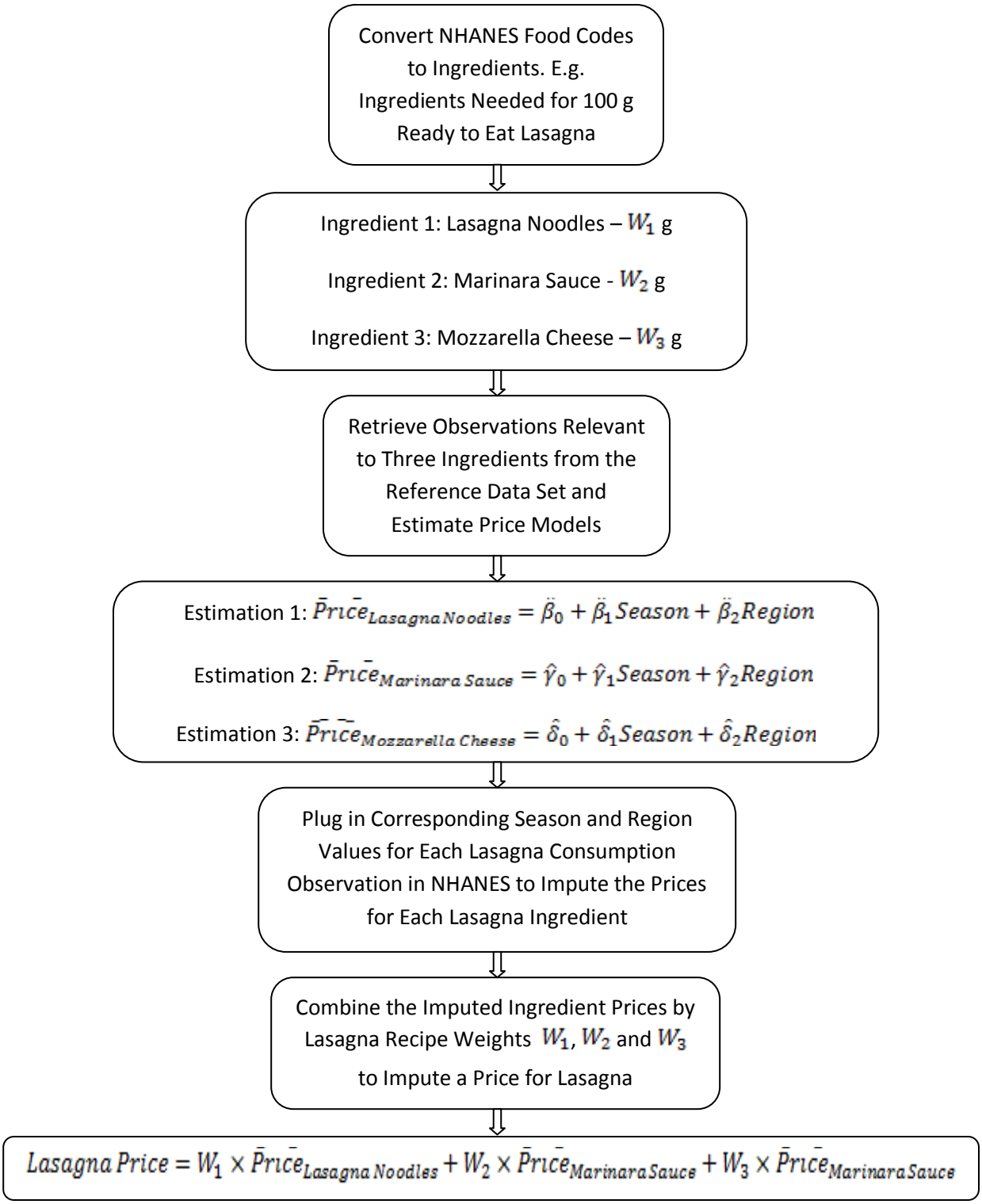


Figure 4.1 Flow chart of the price imputation process for lasagna

The dietary intake data based on 24-hour recall recorded foods consumed, where they were consumed, quantities of the foods consumed and the associated nutritional and caloric values for each food, among other food information. The food coding system was designed by the USDA Food and Nutrient Database for Dietary Studies (FNDDS) for the purpose of processing dietary intake information collected by NHANES. The coding scheme of approximately 7000 food codes is provided in Appendix A.

The FNDDS data are for foods as consumed, and as such these 8-digit food codes may not be found in purchase databases which report foods as purchased. For example, if a NHANES survey subject reported consumption of beef stew, it is unlikely to find beef stew in a grocery and therefore a price for beef stew *per se* is not directly observed. One would rather expect to find raw ingredients' prices - beef, carrots and other ingredients' prices instead. Therefore, while FNDDS is designed for coding food consumption data, the USDA National Nutrient Database for Standard Reference provides 4 to 5-digit Standard Reference (SR) codes that describe the food *composition* rather, and are used to break mixture food codes down into ingredients that are associated with the nutritional value of foods. The foods that are not mixtures do not have SR codes and are represented by their 8-digit food codes. Examples are milk, juices, etc. In NHANES 2001-2002 2685 SR codes and 323 food codes are used as ingredients to be combined or used by themselves to prepare 6940 food codes. The frequencies of food consumption in food code groups as defined in Appendix A are provided in Table 4.1.

Table 4.1 Food and Nutrient Database for Dietary Studies Food Codes and Their Frequencies in National Health And Nutrition Examination Survey 2001-2002

8-digit Food Codes Starting With	Frequency	Frequency
1 Milk And Milk Products		21517
11 Milks and milk drinks	13499	
12 Creams and cream substitutes	1664	
13 Milk desserts, sauces, gravies	1930	
14 Cheeses	4424	
2 Meat, Poultry, Fish and Mixtures		15571
20 Meat, ns as to type	10	
21 Beef	2110	
22 Pork	1450	
23 Lamb, veal, game, other carcass meat	94	
24 Poultry	3149	
25 Organ meats, sausages and lunchmeats, and meat spreads	3330	
26 Fish and shellfish	955	
27 Meat, poultry, fish with nonmeat items	3552	
28 Frozen and shelf-stable plate meals, soups, and gravies with meat, poultry, fish base; gelatin and gelatin-based drinks	921	
3 Eggs		2144
31 Eggs	1111	
32 Egg mixtures	1001	
33 Egg substitutes	31	
34 Eggs baby food	0	
35 Frozen plate meals with egg as major ingredient	1	
4 Dry beans, peas, other legumes, nuts, and seeds		3162
41 Legumes	1831	
42 Nuts, nut butters, and nut mixtures	1224	
43 Seeds and seed mixtures	107	
44 Carob products	0	
5 Grain products		33520
50 Flour and dry mixes	3	
51 Yeast breads, rolls	8643	
52 Quick breads	2584	
53 Cakes, cookies, pies, pastries	5192	
54 Crackers and salty snacks from grain products	4608	
55 Pancakes, waffles, french toast, other grain products	697	
56 Pastas, cooked cereals, rice	2262	
57 Cereals, not cooked or ns as to cooked	3920	
58 Grain mixtures, frozen plate meals, soups	5610	
59 Meat substitutes, mainly cereal protein	1	

Table 4.1 – Continued

8-digit Food Codes Starting With	Frequency	Frequency
6 Fruits		11494
61 Citrus fruits, juices	3206	
62 Dried fruits	217	
63 Other fruits	5648	
64 Fruit juices and nectars excluding citrus	1935	
67 Fruits and juices baby food	488	
7 Vegetables		22691
71 White potatoes and puerto rican starchy vegetables	5156	
72 Dark-green vegetables	921	
73 Deep-yellow vegetables	1169	
74 Tomatoes and tomato mixtures	5666	
75 Other vegetables	9576	
76 Vegetables and mixtures mostly vegetables baby food	201	
77 Vegetables with meat, poultry, fish	2	
8 Fats, oils, and salad dressings		5703
81 Fats	2638	
82 Oils	90	
83 Salad dressings	2975	
9 Sugars, sweets, and beverages		27202
91 Sugars and sweets	8700	
92 Nonalcoholic beverages	16743	
93 Alcoholic beverages	1396	
94 Water as an ingredient	363	
Total		143004

The 20 most frequently used individual food codes and ingredients for NHANES 2001-2002 are listed in Tables 4.2 and 4.3, respectively.

Table 4.2 20 Most Frequent Food Codes in National Health And Nutrition Examination Survey 2001-2002

Combined			Food At Home			Food Away From Home		
Food Code	Food Code Description	Frequency	Food Code	Food Code Description	Frequency	Food Code	Food Code Description	Frequency
11111000	Milks and milk drinks	3450	11111000	Milks and milk drinks	2982	92410310	Nonalcoholic beverages	1299
92410310	Nonalcoholic beverages	2842	11112110	Milks and milk drinks	2191	74401010	Tomatoes and tomato mixtures	1040
11112110	Milks and milk drinks	2547	92410310	Nonalcoholic beverages	1524	75113000	Other vegetables	928
74401010	Tomatoes and tomato mixtures	2014	51101000	Yeast breads, rolls	1485	51150000	Yeast breads, rolls	866
			91101010	Sugars and sweets	1477	71401030	White potatoes and puerto rican starchy vegetables	821
75113000	Other vegetables	2005						
92101000	Nonalcoholic beverages	1980	92101000	Nonalcoholic beverages	1373	92410510	Nonalcoholic beverage	774
51101000	Yeast breads, rolls	1925	61210220	Citrus fruits, juices	1246	74101000	Tomatoes and tomato mixtures	765
91101010	Sugars and sweets	1919	74101000	Tomatoes and tomato mixtures	1094	92101000	Nonalcoholic beverages	601
74101000	Tomatoes and tomato mixtures	1869	63107010	Other fruits	1090	11111000	Milks and milk drinks	447
92410510	Nonalcoholic beverage	1863	92410510	Nonalcoholic beverage	1072	91101010	Sugars and sweets	439
61210220	Citrus fruits, juices	1619	75113000	Other vegetables	1059	51101000	Yeast breads, rolls	429
51150000	Yeast breads, rolls	1578	74401010	Tomatoes and tomato mixtures	955	71201010	White potatoes and puerto rican starchy vegetables	423
63107010	Other fruits	1359	11113000	Milks and milk drinks	883	91745020	Sugars and sweets	396
71401030	White potatoes and puerto rican starchy vegetables	1342	71201010	White potatoes and puerto rican starchy vegetables	788	83107000	Salad dressings	388
71201010	White potatoes and puerto rican starchy vegetables	1219	63101000	Other fruits	783	61210220	Citrus fruits, juices	368
11000000	Milks and milk drinks	1073	11710603	Milks and milk drinks	757	14410200	Cheeses	364
14410200	Cheeses	1049	11112210	Milks and milk drinks	735	54401080	Crackers and salty snacks from grain products	352
83107000	Salad dressings	1044	51150000	Yeast breads, rolls	694	11112110	Milks and milk drinks	347
63101000	Other fruits	1036	14410200	Cheeses	676	92410320	Nonalcoholic beverage	346
11113000	Milks and milk drinks	967	83107000	Salad dressings	651	75506010	Other vegetables	344

Table 4.3 20 Most Frequent Ingredient Codes in National Health And Nutrition Examination Survey 2001-2002

SR Code	SR Code Description	Frequency
2047	SALT, TABLE	1751
14429	WATER, MUNICIPAL	746
4610	MARGARINE, REG, STK, COMP, 80% FAT, W/SALT	547
19335	SUGARS, GRANULATED	488
20081	WHEAT FLR, WHITE, ALLPURP, ENR, BLEACH	394
11282	ONIONS, RAW	364
1123	EGG, WHOLE, RAW, FRESH	327
11100000	MILK, NFS	285
4615	SHORTENING, HOUSEHOLD, COMP	178
82101000	VEGETABLE OIL, NFS (INCLUDE OIL, NFS)	159
20027	CORNSTARCH	128
11143	CELERY, RAW	117
11529	TOMATOES, RED, RIPE, RAW	116
11215	GARLIC, RAW	109
1009	CHEESE, CHEDDAR	106
2030	PEPPER, BLACK	96
18079	BREAD CRUMBS, DRY, GRATED, PLN	95
18369	BAKING PDR, DOUBLE-ACTING, NaA	89
16123	SOY SAUCE, FROM SOY&WHEAT (SHOYU)	82
11333	PEPPERS, SWT, GRN, RAW	80

Reference Dataset – The Nielsen Company Home Scan Data

The Nielsen Company (formerly ACNielsen) started collecting household-based scanner food product purchase data since 1989. The households are recruited from 48 contiguous states based on demographic characteristics such as household size and income, household head age, education and employment status, the presence of children, and race/ethnicity, in an effort to make the sample nationally representative. 8216 and 8685 households participated in the panel in 2001 and 2002, respectively. The demographic variables and their distribution statistics are reported in Table 4.4.

Table 4.4 The Demographic Variables and Their Distribution Quantiles

Variable	Description	Mean	100% Max	75% Q3	50% Median	25% Q1	0% Min
HHSize	Household size: 1 = single member; 2 = two members; 3 = three members; 4 = four members; 5 = five members; 6 = six members; 7 = seven members; 8 = eight members; 9 = nine+ members	2.5519	9	3	2	2	1
HHInc	Household income: 03 = under $5,000; 04 = $5,000–$7,999; 06 = $8,000–$9,999; 08 = $10,000–$11,999; 10 = $12,000–$14,999; 11 = $15,000–$19,999; 13 = $20,000–$24,999; 15 = $25,000–$29,999; 16 = $30,000–$34,999; 17 = $35,000–$39,999; 18 = $40,000–$44,999; 19 = $45,000–$49,999; 21 = $50,000–$59,999; 23 = $60,000–$69,999; 26 = $70,000–$99,999; 27 = $100,000 and over	18.8492	27	23	19	15	3
AgeF	Age of female head: 1 = under 25 years; 2 = 25–29 years; 3 = 30–34 years; 4 = 35–39 years; 5 = 40–44 years; 6 = 45–49 years; 7 = 50–54 years; 8 = 55–64 years; 9 = 65+ years; 0 = no female head	5.4066	9	8	6	4	0
AgeM	Age of male head: 1 = under 25 years; 2 = 25–29 years; 3 = 30–34 years; 4 = 35–39 years; 5 = 40–44 years; 6 = 45–49 years; 7 = 50–54 years; 8 = 55–64 years; 9 = 65+ years; 0 = no female head	4.5311	9	8	5	0	0
AC	Age and presence of children: 1 = under 6 only; 2 = 6–12 only; 3 = 13–17 only; 4 = under 6 and 6–12; 5 = under 6 and 13–17; 6 = 6–12 and 13–17; 7 = under 6 and 6–12 and 13–17; 9 = no children under 18	7.1612	9	9	9	4	1
MEmp	Male head employment: 1 = under 30 hours; 2 = 30–34 hours; 3 = 35+ hours; 9 = not employed for pay; 0 = no male head	3.1903	9	3	3	0	0
FEmp	Female head employment: 1 = under 30 hours; 2 = 30–34 hours; 3 = 35+ hours; 9 = not employed for pay; 0 = no male head	4.2943	9	9	3	2	0
Marital	Marital Status: 1 = married; 2 = widowed; 3 = divorced/separated; 4 = single; Blank = unknown	1.9405	4	3	1	1	1
Race	Race of the head of household: 1 = white; 2 = black; 3 = Oriental; 4 = other	1.3444	4	1	1	1	1
Hisp	Whether the head of household is Hispanic: 1 = yes; 2 = no	1.9193	2	2	2	2	1
Region	Census regions: 1 = East; 2= Central; 3 = South; 4 = West	2.5919	4	3	3	2	1

Each participating household is asked to scan/record each purchase made throughout each week. The households record the quantities purchased and amount paid for the purchase, and whether it was purchased at a regular or discount price or a coupon was used. The data is transmitted to the company on weekly basis, using the same scanner supplied by Nielsen Home Scan for scanning bar codes of purchases made.

Food purchase data acquired from households are organized in four groups:

- Dairy,
- Dry grocery,
- Produce, meat and frozen
- Random weight

The numbers of observations by group and by year are presented in Table 4.5.

Each food is described by a product module which encompasses a rather broad group of products, e.g. product module 3625 represents the broad group of 176 different types of fluid milks. A set of variables describing the attributes of each food product, including the UPC code, complete the full identification of each food product. For example, Product Module code 1539 is assigned to "SALAD DRESSING-REDUCED/LOW CALORIE", which is represented by 213 different brands (Brand), packaged in 41 different size containers (Size1), sold in up to 6 packs (Multipack), comes in 321 flavors (Flavor), in 3 kinds of containers (Container).

Table 4.5 The Nielsen Food Group Data Files and Associated Numbers of Observations

Food Group	Data File	Number of Observations	Total
Dairy	*Dairy01.txt*	906,384	
	Dairy02.txt	944,850	
	Total		1,851,234
Dry Grocery	*Dg01.txt*	4,245,543	
	Dg02.txt	4,398,984	
	Total		8,644,527
Produce Meat Frozen	*FMP01.txt*	1,165,128	
	FMP02.txt	1,304,392	
	Total		2,469,520
Random Weight	*RW01.txt*	1,518,348	
	RW02.txt	1,564,589	
	Total		3,082,937
	2001	7,837,404	
	2002	8,214,817	
Total			16,048,218

The numbers of product modules for all four product groups and for both years are presented in Table 4.6. The complete set of attributes is presented in Table 4.7.

Table 4.6 Numbers of Product Modules per Nielsen Food Groups

Group	2001	2002	Total
Dairy	43	45	45
Dry Grocery	418	417	418
Produce Meat Frozen	133	135	135
Random Weight	43	43	43
Total	637	640	641

Table 4.7 Product Attributes of the Nielsen Foods

Product Attributes	Product Attributes
Product Module	Salt Content
Brand	Style
Size1	Type
Multi	Product
UPC	Variety
UPC Description	Store Name Identifier
Quantity (Packages)	Channel Type Identifier
Price Paid Deal	Product Group Identifier
Price Paid Non Deal	Department Identifier
Coupon Value	Size2
Flavor	Organic Claim
Form	USDA Organic Seal
Formula	Store Zip Code
Container	

The choice of the Nielsen data set for this project suggested itself by satisfying all three criteria mentioned in the Introduction section. The Nielsen Home Scan has a reputation of being the only (one of the few?) nationally representative reliable food purchase data in the market among researchers in academic and non-academic world.

Step 2. Preparation of the Nielsen Home Scan Data Set

One of the initial steps in the imputation process is the preparation of the Nielsen data. This process is basically described by reading and saving Nielsen text data in an appropriate format for the computer language that is being used, SAS in this case, to recognize it. To complete the data preparation we also needed to prepare the appropriate

variables that will be needed for matching process in Step 3 and estimations in Step 5. The set of the appropriate economic variables needed for estimations includes variables on price, purchase date and region, while the set of nutritional variables includes all variables (Product Module, Brand, Flavor, Form, etc.) that make the identification of each food unique.

In the Nielsen data the variable "price" is captured by "Price_paid_deal" and "Price_paid_non_deal" variables, neither of which are the unit prices as one would understand in the economic context, but rather the expenditure or the amount paid for each good. For example if one buys two six-pack Coca Cola 12 oz cans for $6.50 in total, then "Price_paid_deal" or "Price_paid_non_deal", depending if this item was on sale or not, will be recorded $6.50, which obviously is not the unit price. Therefore to obtain the unit price variable as a ratio of the expenditure and the quantity, we will need to retain the expenditure ("Price_paid_deal" or "Price_paid_non_deal") and quantity variables. The latter is represented by "Size1", "Size2", "Multi" and "Quantity" variables. The presence of two package size variables – "Size1" and "Size2", is substantiated by the fact that "Size2" has some "count" sizes such as 1 watermelon, or 1 apple, expressed in grams. Therefore, ceteris paribus, we prefer "Size2" over "Size1" whenever possible. Both of size variables are coded variables that assign specific codes to each actual size and measurement unit for each food. The values attached to size codes are strings of 8 digits and 4 letters, supplied by the Nielsen company in Excel format. To continue the above example, a purchase of two six-pack Coca Cola 12 oz cans would have "Size1" = 0002475, "Multi" = 6, "Quantity" = 2, where "Size1" code

0002475 is assigned to 00012000MLOZ. To be able to use “Size1” variable in mathematical operations, we first replace each code by its coded value, then we split the coded value into “Productsizenumber” and “Productsizetxt”, e.g. Productsizenumber = 00012000 and Productsizetxt = MLOZ. We will use this last piece of information when converting all size units, e.g. ounces, pounds, fluid ounces, counts, etc., to one common measure – grams, the unit of measurement of quantity used in NHANES.

Figure 4.2 below describes this process. The chart symbols used in this essay are as follows:

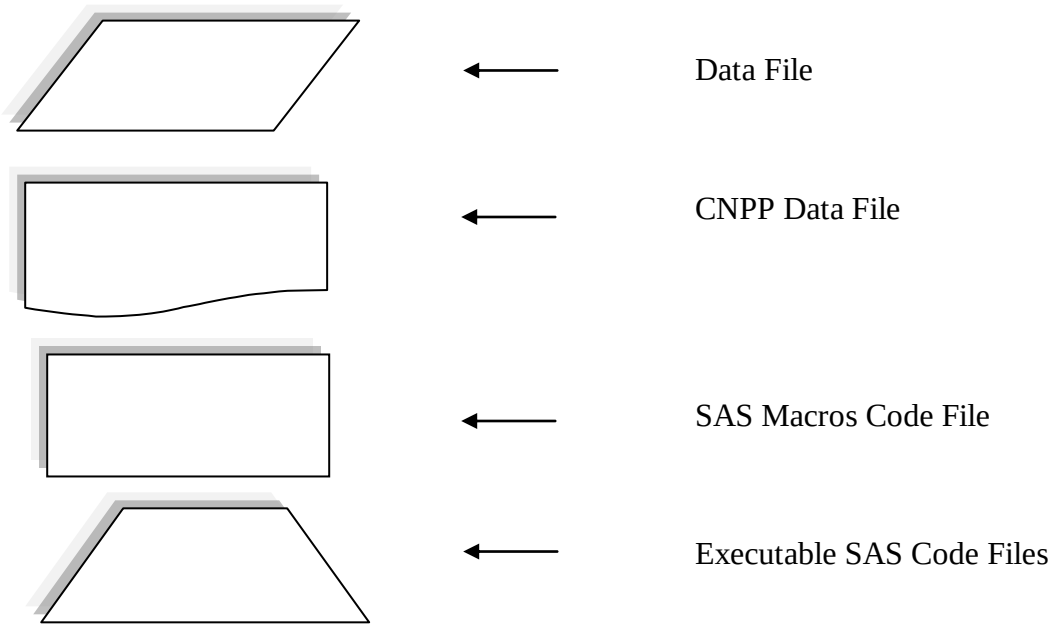


Figure 4.2 Flow chart of preparation of the Nielsen data

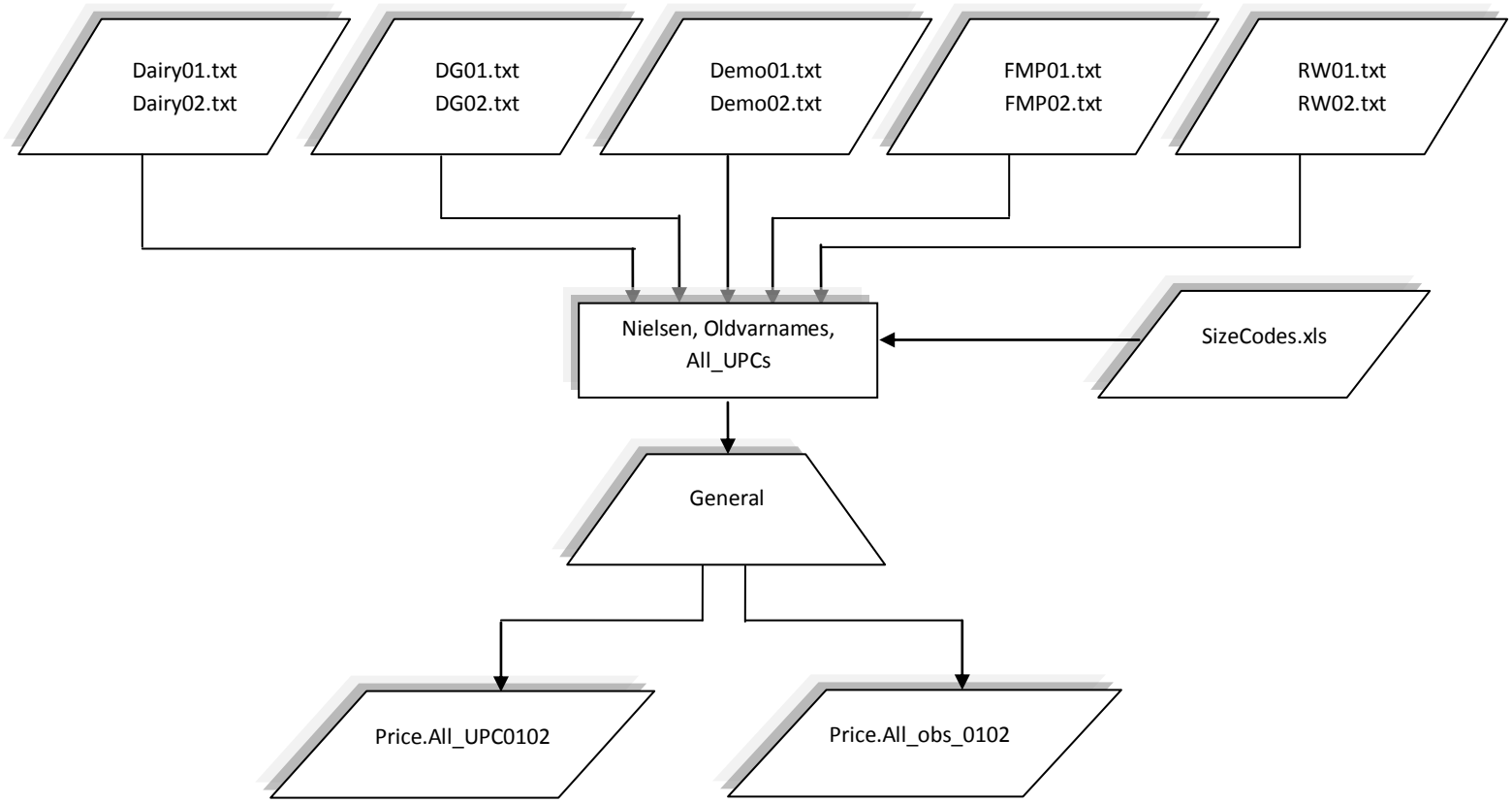


Figure 4.2 Continued

The SAS code of General is provided in Appendix B.

Step 3. Match Food Codes in National Health And Nutrition Examination Survey With Foods in The Reference Data Set

As mentioned above, FNDDS food codes are designed specifically for NHANES dietary intake recording, and describe foods as consumed – cooked and ready to eat. In the Nielsen Home scan, on the other hand, foods feature as purchased foods – as they appear on the shelves, not necessarily in ready-to-consume form. To match ready-to-consume foods (NHANES) to the raw ingredients and commercially prepared foods (Nielsen) we adopt the matching performed by Andrea Carlson and her team at CNPP, for Thrifty Food Plan, 2007. To perform the matching, the CNPP team represented each FNDDS food code by a recipe – a list of ingredients and their quantities necessary to prepare 100 gram of final ready-to-consume food. In most cases CNPP used FNDDS recipes[8]. For food codes that FNDDS did not supply a recipe, alternative recipes from popular cookbooks were used. FNDDS also supplied a table of fat and moisture gain or loss[9], as well as refuse loss adjustment factors to be used to adjust the quantities for loss or gain that may occur in the process of food preparation and cooking.

As a result the CNPP group converted each food code into a collection of ingredients represented by SR codes along with weights these ingredients need to be combined to make any given food. In this last task they are making a use of the fact that FNDDS recipes in `Fnddssrlink` are in terms of 100 grams of prepared foods, thereby making it easy to interpret the quantity of each ingredient in the final food both

[8] `Fnddssrlink`, available at http://www.ars.usda.gov/Services/docs.htm?docid=12068.
[9] `moisturefatadj` available from the same web site

in terms of absolute grams and in proportions. The foods that are not mixtures (e.g. juices or fluid milk) or obtaining those commercially prepared is cheaper than preparing them from ingredients (e.g. potato salad) were combined in a group called commercially prepared foods. These foods were treated as 1-ingredient foods. The foods that are prepared using more than 1 ingredient were combined in a group called ingredient foods. As expected, the matching is many-to-many, as any food code can be prepared by combining more than one ingredient (e.g. a recipe for a cake calls for flour, butter, eggs, sugar and milk), and any one ingredient can be used in more than one recipes (e.g. flour, butter, eggs, sugar and milk can each be used in any number of recipes). At this point a subset of the Nielsen data pertaining to foods/ingredients based on recipes is selected and sorted in either `Fp_old.match_large_upc2b` or `Fp_old.match_commercial_large` for ingredient and commercially prepared foods with 40,058,250 and 24,666,306 observations, respectively. The substantially larger numbers of observations in these two databases, compared to the initial database size of 16,048,218 of combined Nielsen datasets for two years (see Table 4.5) is explained by the mostly many-to-many matches mentioned above. The SAS code for performing this step is provided in Appendix B.

The last stage of the matching/conversion step is to convert quantities in the Nielsen Home Scan data to grams to overcome this last difference between these two datasets. While in the Nielsen data a host of quantity measurements are used – pounds, ounces, counts, fluid ounces, milliliters, etc., NHANES food codes are uniformly measured in grams. As mentioned in Step 2, the size variable in Nielsen is a string of 8

digits and 4 letters, where the former indicates the number of measurement units purchased, and the latter indicates what the measurement unit is. In the Nielsen data preparation step it was split into two variables – productsizenumber and productsizetxt, respectively. The other quantity variables used in the Nielsen data are Multi and Quantity. The general formula for conversion is as follows:

$$Amount\ in\ Grams = \frac{productsizenumber \quad \times multi \times quantity \times gram\ \ equivalent \quad of\ productsizetxt}{1000}$$

The code for gram conversion was provided by CNPP and was modified by the authors of this study. The input lookup files for count (e.g. eggs, some produce, taco shells, ice cream cones, tea bags) and fluid ounce conversion are provided by CNPP. The output files are `fp_old.match_grams` and `fp_old.match_grams_commercial` for ingredient and commercially prepared foods, respectively. The result of this step is a variable called "Amount_purchase_g" which expresses all various measurement units in one common unit – gram. Figure 4.3 below describes this process. Appendix B has the gram conversion code.

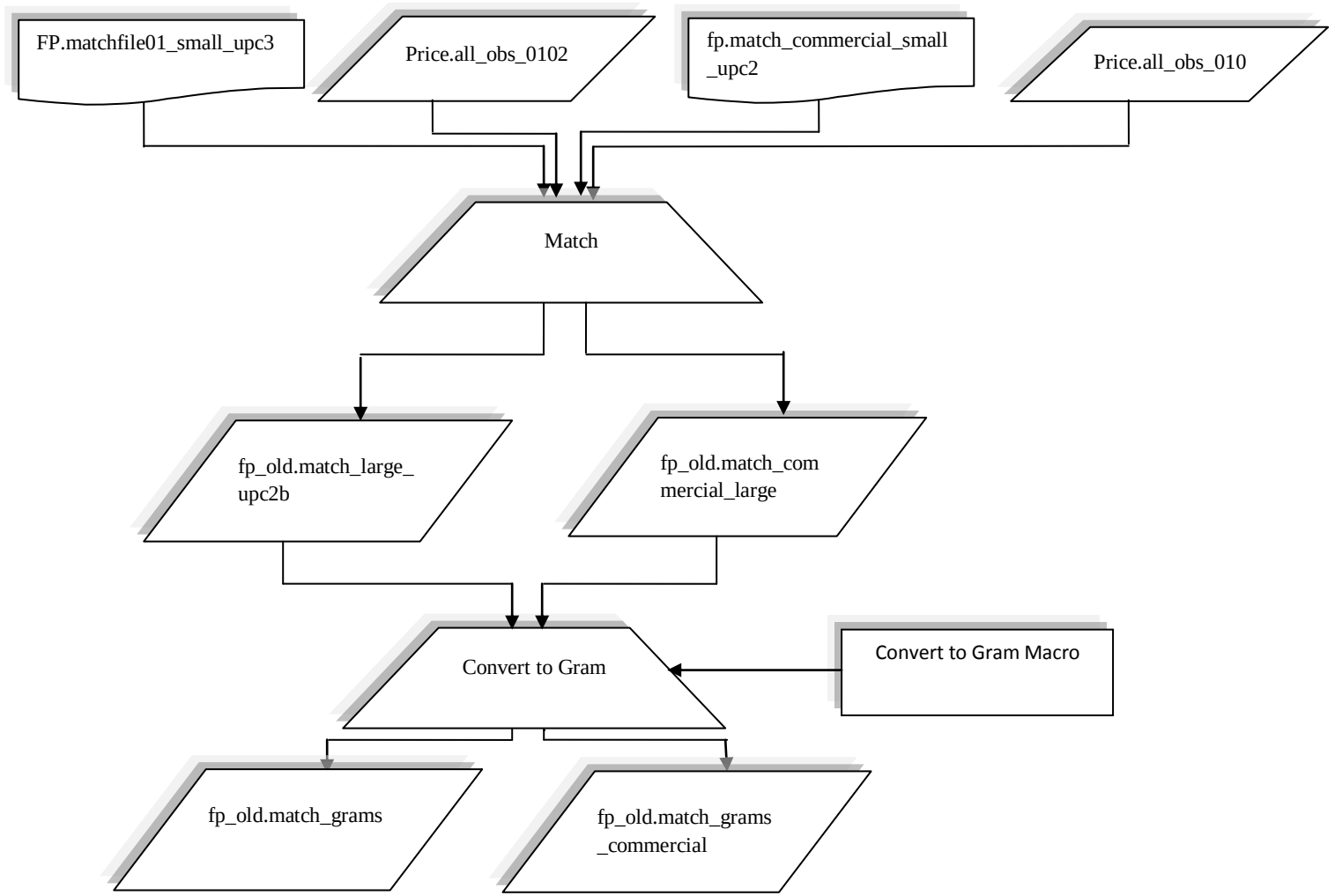


Figure 4.3 Flow chart of matching food codes in National Health And Nutrition Examination Survey with foods in the reference data set

Step 4. Price Imputation Methodology

This step is accomplished by a series of three SAS macros designed to 1) sort the data by foods/ingredients, by frequencies (*avg_price*), 2) calculate summary statistics as well as absolute number and proportion of zero prices per food or ingredient (*sstat*), 3) create necessary variables to estimate proposed models (*reg*).

The input datasets to the first macro are `fp_old.match_grams_commercial` and `fp_old.match_grams` for commercially prepared and ingredient foods, respectively, that have food codes listed, along with expenditure (price_paid_deal and price_paid_non_deal) and quantity variables (Amount_purchase_g).

The first step in this process is to sort the foods or ingredients into three groups: 1) foods and ingredients that have enough observations to run regressions (the adopted cutoff is the Nielsen company's recommendation of 75 observations), 2) foods and ingredients with less than 75 observations, and 3) foods and ingredients with missing price per gram data. The results of this sorting are reported in Table 4.8.

Table 4.8 Sample Sizes of Frequent, Low-frequency and Missing Data Files

	Database Name	Number of Observa-tions	Number of Foods / Ingredients
Commercially Prepared Foods	WORK.TOTAL	24,619,936	887
Frequent	FP_OLD.COMM_FC_PRICE	24,617,669	
Low-frequency	FP_OLD.COMM_LOWFREQ_PRICE	2,267	
Missing	FP_OLD.COMMERCIAL_MISSING_PRICE	0	
Ingredient foods	WORK.TOTAL	40,009,240	2082
Frequent	FP_OLD.PRICE_SR	40,004,283	
Low-frequency	FP_OLD.LOWFREQ_PRICE	4,957	
Missing	FP_OLD.MISSING_PRICE_SR	0	

In this step, for the first time, we also define the dependent variable – price, as the Nielsen name to variable Price is somewhat misused as it indicates the expenditure or the amount paid for the item, as mentioned in Step 2 above. We define price as the summation of price_paid_deal and price_paid_non_deal (they are mutually exclusive, therefore technically speaking, we are taking the non-missing value of the two) divided by the gram amount expressed by Amount_purchase_g.

The second macro, demonstrates price distribution of each food/ingredient, in particular the number of zero prices per food/ingredient. The latter has become of paramount importance as linear estimation resulted in negative fitted prices for some foods, which is not supported by theory and is altogether counterintuitive. An obvious detour is the semi log estimation which will produce strictly positive fitted prices by construction. The down side is that we have to exclude the zero-price observations from the analysis. Atheoretic as they may seem, zero prices make perfect economic sense and they are observed in everyday grocery store deals like “Buy One Get One Free” or “Buy One Get Two Free” or “Buy One Product A Get One Product B Free”, etc. That is, they make perfect sense in packages, but make no sense when viewed separately. Our efforts in identifying possible package deals that included zero prices were excessively costly and largely futile. Therefore having left with the reality that we have to drop the zero-price observations from the sample and lose information, theoretically speaking, we concern ourselves with the question of how much information is actually lost. The absolute number and the proportion of zero prices help to get an idea of how much that loss might be. The data indicate that in commercially prepared and ingredient food

samples, on average number of observations with zero prices comprise approximately 0.15% and 0.14% of the sample size, respectively. The relatively small magnitude of zero-price proportions gives us confidence in maintaining that the information loss due to exclusion of the zero prices is not substantial and therefore is considered acceptable under the circumstances. The exclusion of the zero prices did not cause the sample size to drop below 75 for any of the frequent food or ingredient codes.

The last macro creates the necessary variables to be used in the models. The covariates in the model are

- A binary year variable Year2002 equal to 1 if the year is 2002, and 0 otherwise
- Eleven binary variables per each month from January to November equal to 1 if the purchase was made in the corresponding month, and 0 otherwise
- Three binary region variables for East, Central and South equal to 1 if the survey participant resides in the corresponding region, and 0 otherwise

The projection factors provided by Nielsen in the `Demo01.txt` and `Demo02.txt` files were used as weights in regressions to make the results nationally representative.

The ANOVA results from regressions – the parameter estimates, goodness of fit statistics, t statistics and their p-values, as well as F-statistics of model fit and their p-values for each ingredient and food code are recorded in `Fp_old.Paramet_Ing` and `Fp_old.Paramet_Com` for ingredient and commercially prepared foods, respectively, and are represented in Appendix C.

To integrate low-frequency foods and ingredients into the picture we assigned their average non-zero price value to the intercept, and a string of zeros for other parameter values. The food codes or ingredients that had sufficient amount of observations but had singularity in their covariate matrices were treated likewise.

Figure 4.4 depicts this step. Appendix B has the macro code called `Calc price macros G` that contains all three macros and the execution code `Final price`.

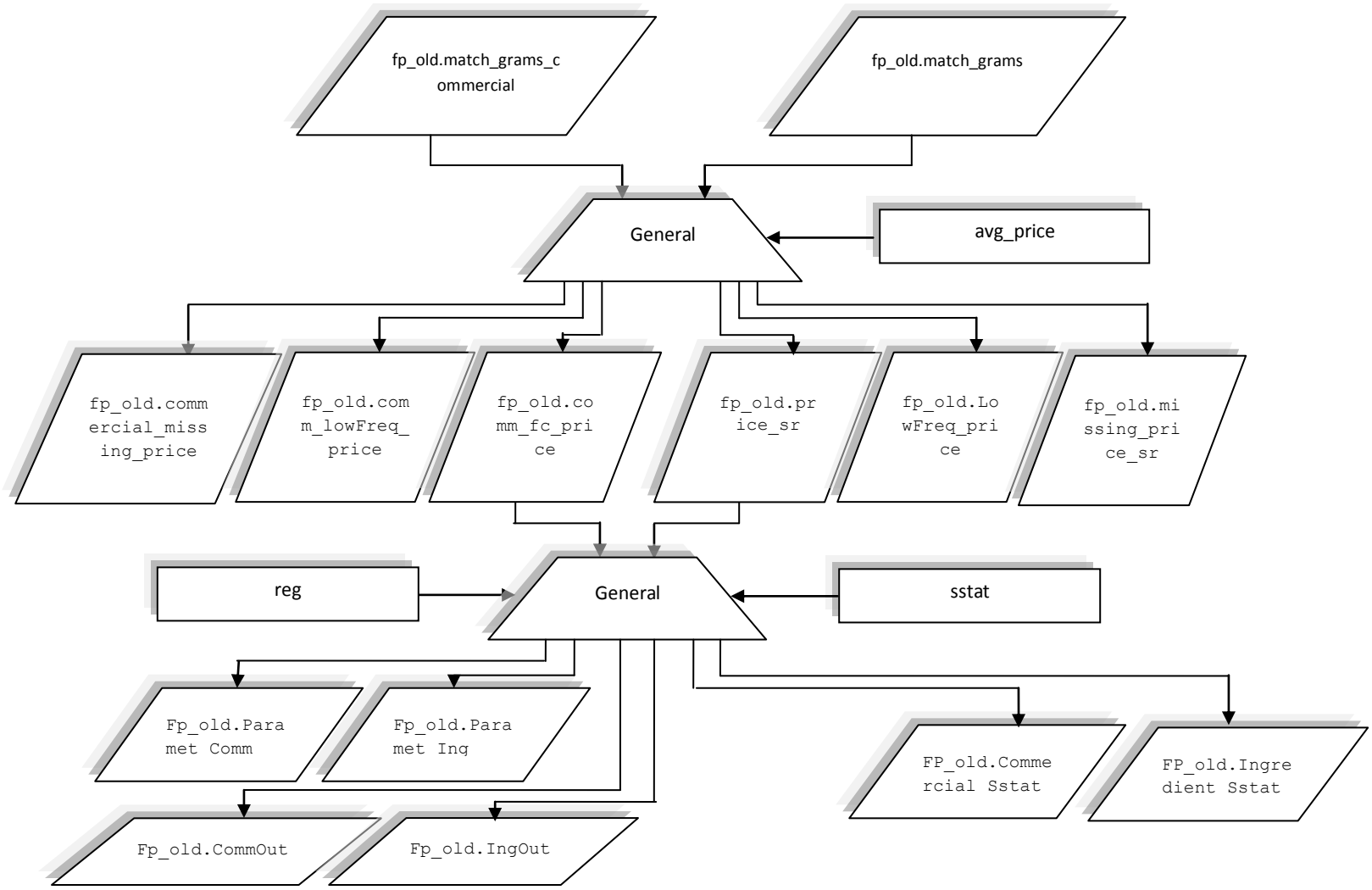


Figure 4.4 Flow chart of price imputation methodology

Step 5. Validation of the Proposed Method

Two validation methods are proposed to use in this study:

1. Comparison of the prices generated by this method – the average fitted prices, to the average non-zero prices,
2. Out-of-sample validation (80/20) of regression-based, mean and median imputations.

We use both methods to validate ingredients rather than foods, mainly because at this point the food prices are not generated yet. Of course in the case of one ingredient or commercially prepared foods validation at the ingredient level is the same as one at the food level. For the comparison of prices generated by this method and the average nonzero prices we estimate a linear relationship between those two and test the hypotheses that the intercept and the slope of this linear relationship are equal to 1 and 0, respectively. The graph of the resulting fitted line for commercially prepared foods, along with the estimated equation and the goodness of fit statistics are presented in Figure 4.5.

The null hypotheses that (i) the intercept is equal to 0 and the slope is equal to 1, and (ii) the slope is equal to 1, were rejected as F-value = 42.59 (P-value = <.0001) and F-value = 662290 (P-value = <.0001), respectively.

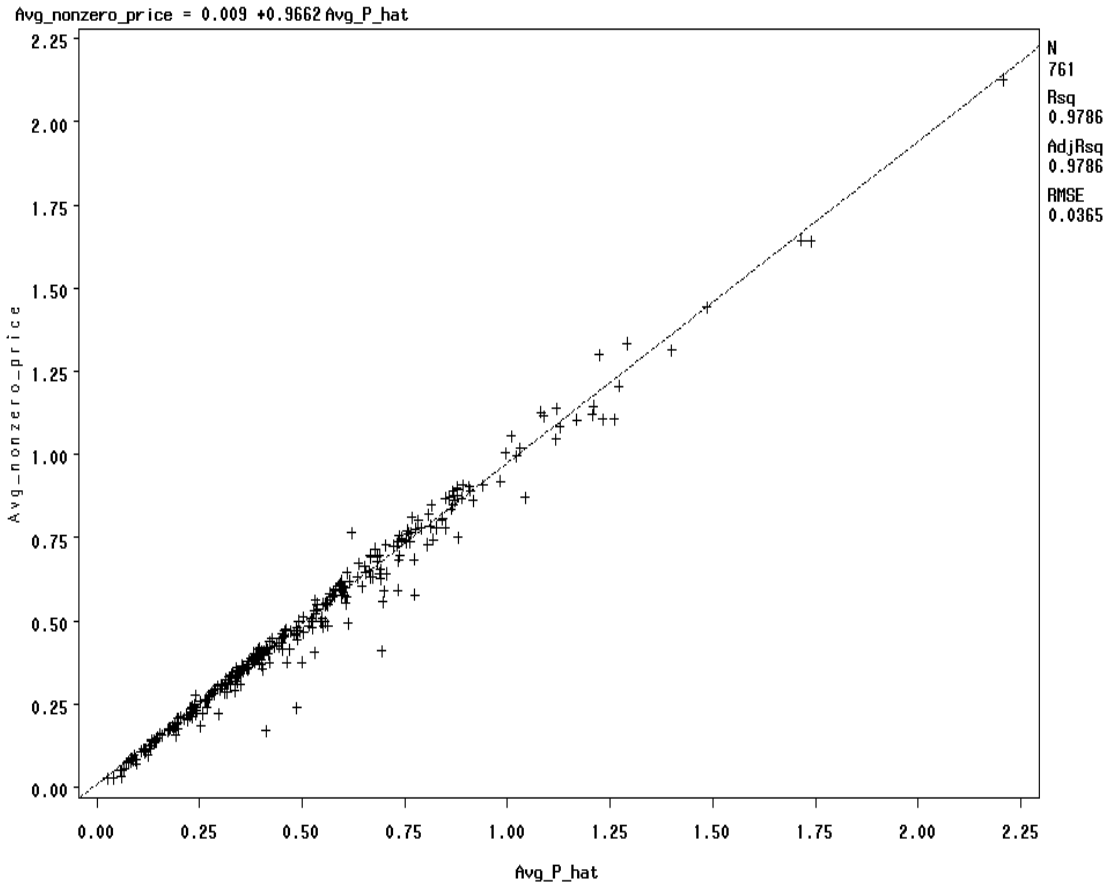


Figure 4.5 Validation: comparison of average fitted prices to average non-zero prices of commercially prepared foods

The graph of the fitted line for ingredient foods, along with the estimated equation and the goodness of fit statistics are presented in Figure 4.6 below.

The null hypotheses that (i) the intercept is equal to 0 and the slope is equal to 1 was rejected (F-value = 88350.7, P-value = <.0001), (ii) the slope is equal to 1 was rejected (F-value = 76.31, P-value = <.0001).

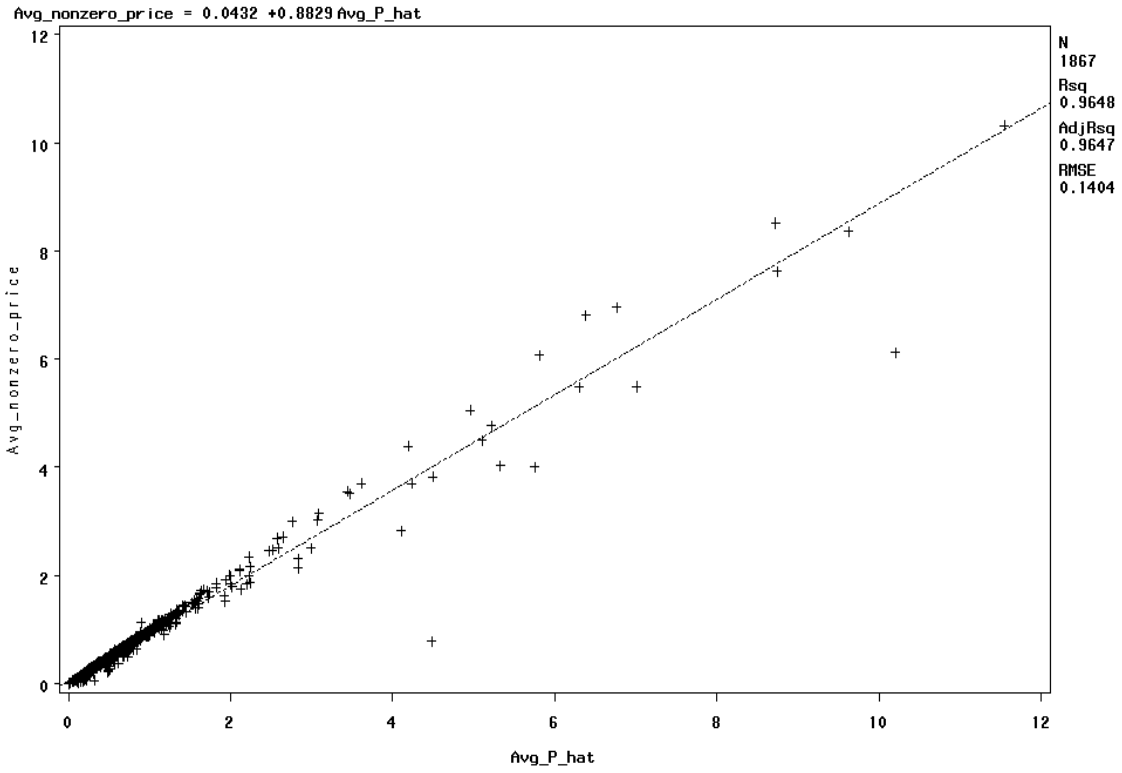


Figure 4.6 Validation: comparison of average fitted prices to average non zero prices of ingredient foods

The second method of validation used in this study is out-of-sample 80-20 validation compare forecasting powers of three imputation techniques – regression-based, mean and median imputations. The method is operationalized by randomly selecting 20% of observations from the sample and leaving them out. Then price models are estimated using the remaining 80% of the sample only. The fitted price values, mean and median prices are calculated using 80% of the sample. These values are then compared to the actual price values in the excluded 20% of observations, and the methods are compared. We used mean absolute errors and mean absolute percent errors

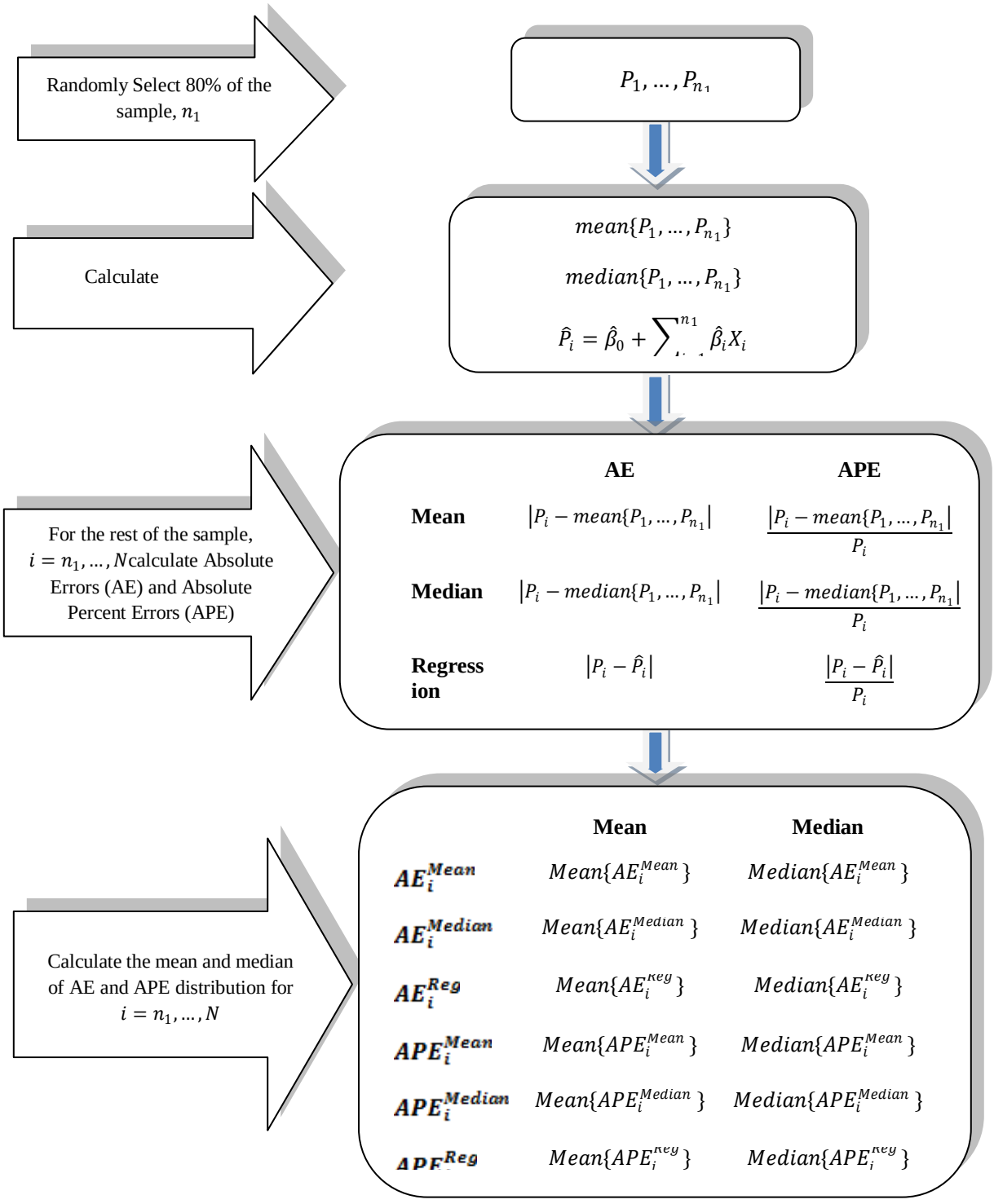


Figure 4.7 Out-of-sample validation (80/20) of regression-based, mean and median imputations

to measure the gap between the fitted and actual values of prices. Figure 4.7 demonstrates this procedure. Since for each food code a vector of each absolute and absolute percent errors are created, we present the mean and median of each to be able to compare results across food codes. For commercially prepared foods the relative performance of these three imputation methods are presented in Figures 4.8 – 4.11.

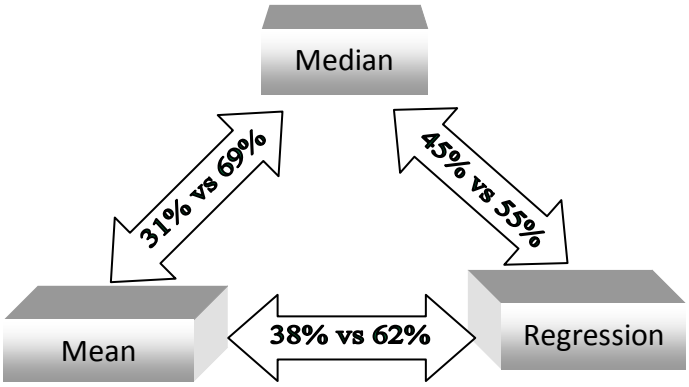


Figure 4.8 Means of absolute errors for commercially prepared foods

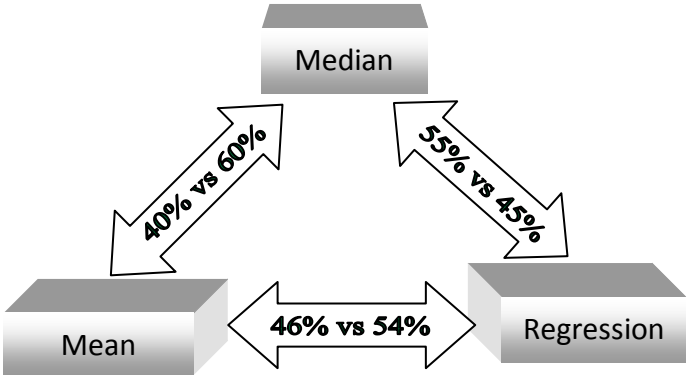


Figure 4.9 Medians of absolute errors for commercially prepared foods

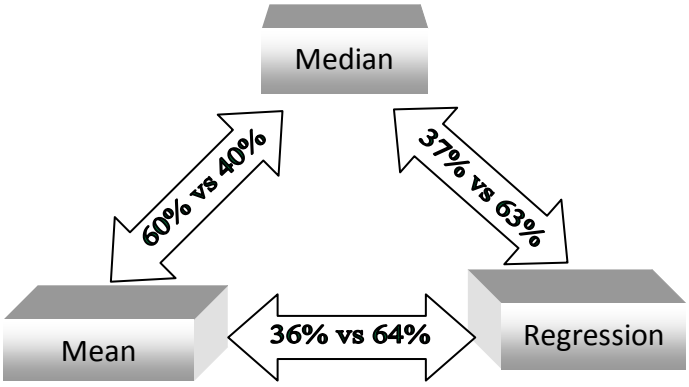


Figure 4.10 Means of absolute percent errors for commercially prepared foods

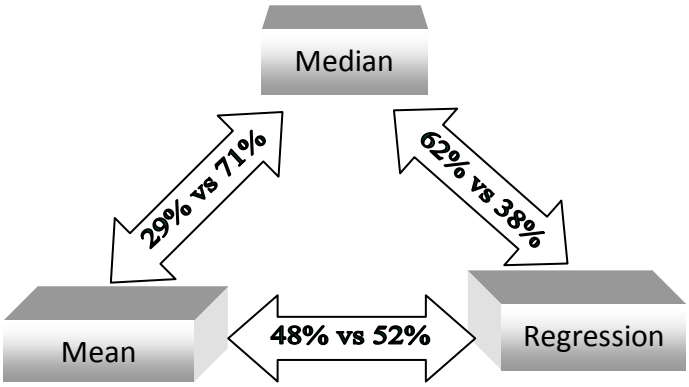


Figure 4.11 Medians of absolute percent errors for commercially prepared foods

The percentages in the figure above indicate the proportion of food codes for which the corresponding error term is lower compared to the error term from another imputation method. The results above indicate that regression based imputation in all scenarios outperforms mean imputation. The average AEs of regression-based imputations are lower than AEs of mean imputation for 62% of food codes. The median AEs of regression-based imputations are lower than AEs of mean imputation for 54% of food codes. The average APEs of regression-based imputations are lower than APEs of mean imputation for 64% of food codes. The median APEs of regression-based imputations are lower than APEs of mean imputation for 52% of food codes.

The comparison of regression-based and median imputation methods reveals that the former is superior when averages are compared (55% and 63% for AE and APE, respectively), while the latter is superior when medians are compared (55% and 62% for AE and APE, respectively).

Median imputation is superior to mean imputation in all cases except when comparing average APEs.

The distributions for these measures are in Figures 4.12, 4.13, 4.14 and 4.15 below.

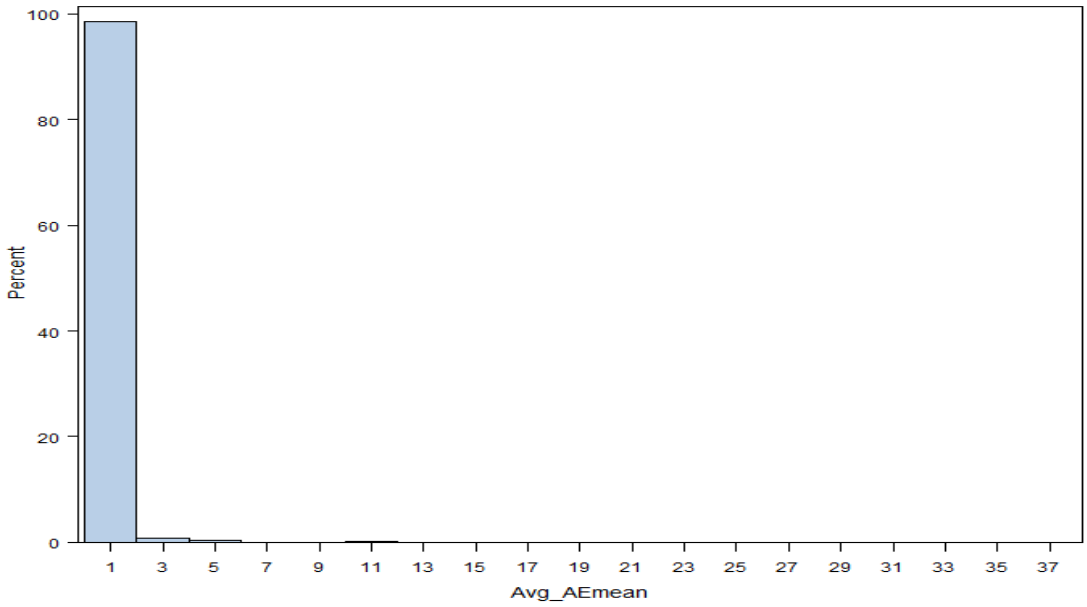


Figure 4.12a Distribution of average absolute errors of mean imputation for commercially prepared foods – the histogram

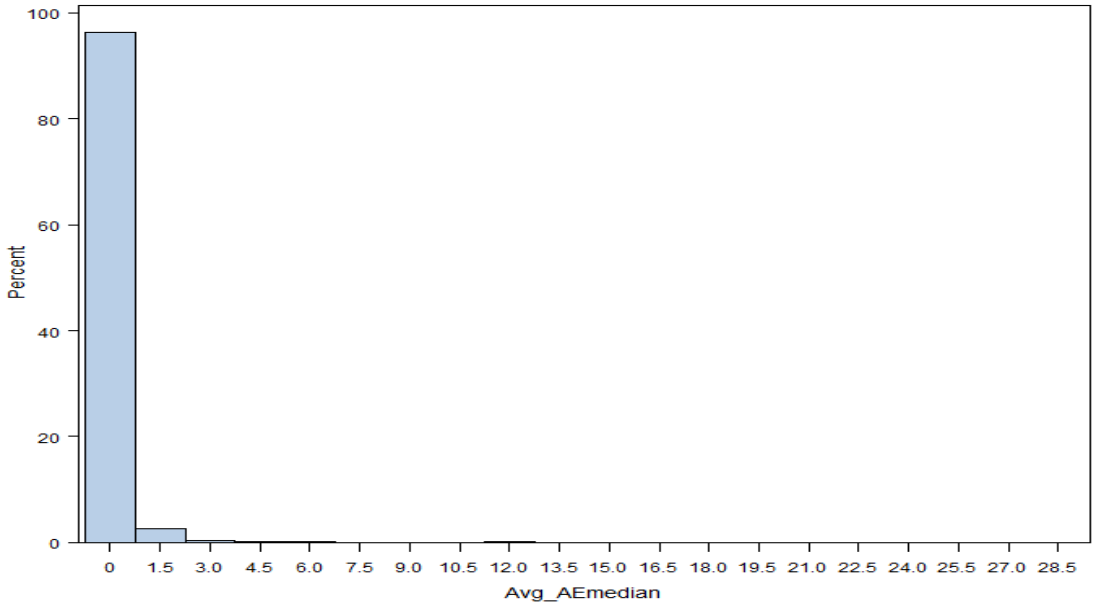


Figure 4.12b Distribution of average absolute errors of median imputation for commercially prepared foods – the histogram

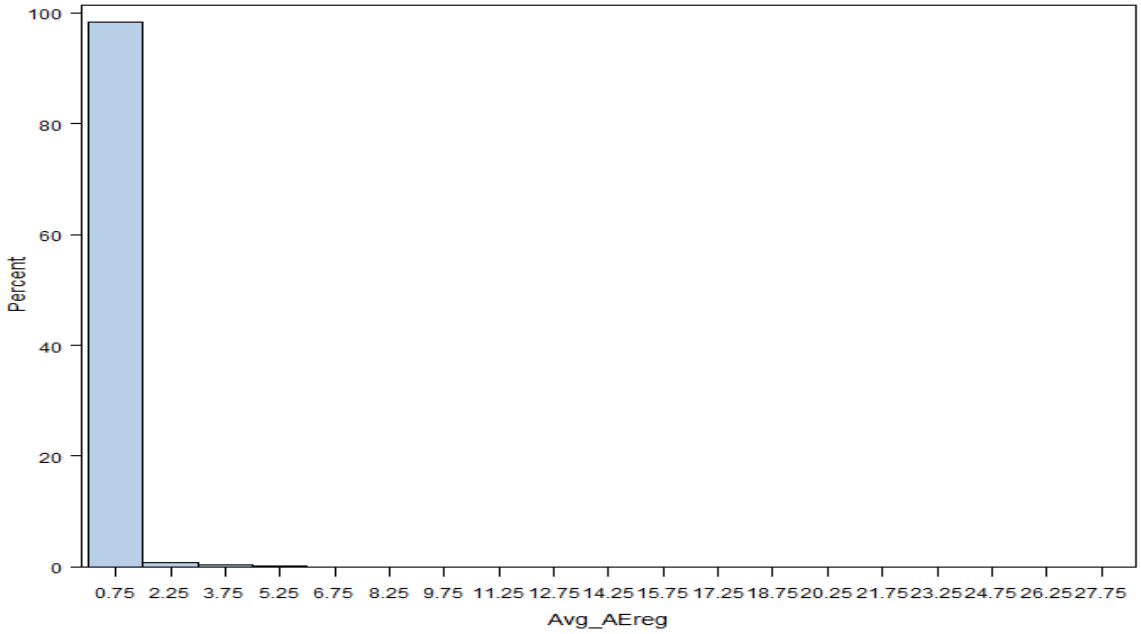


Figure 4.12c Distribution of average absolute errors of regression imputation for commercially prepared foods – the histogram

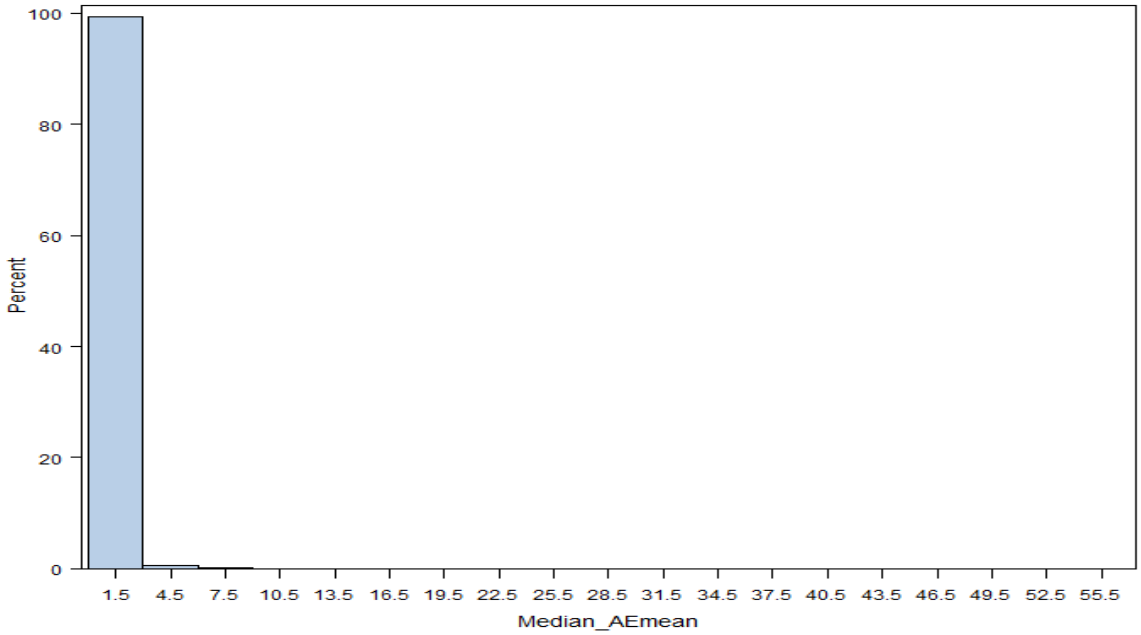


Figure 4.13a Distribution of median absolute errors of mean imputation for commercially prepared foods – the histogram

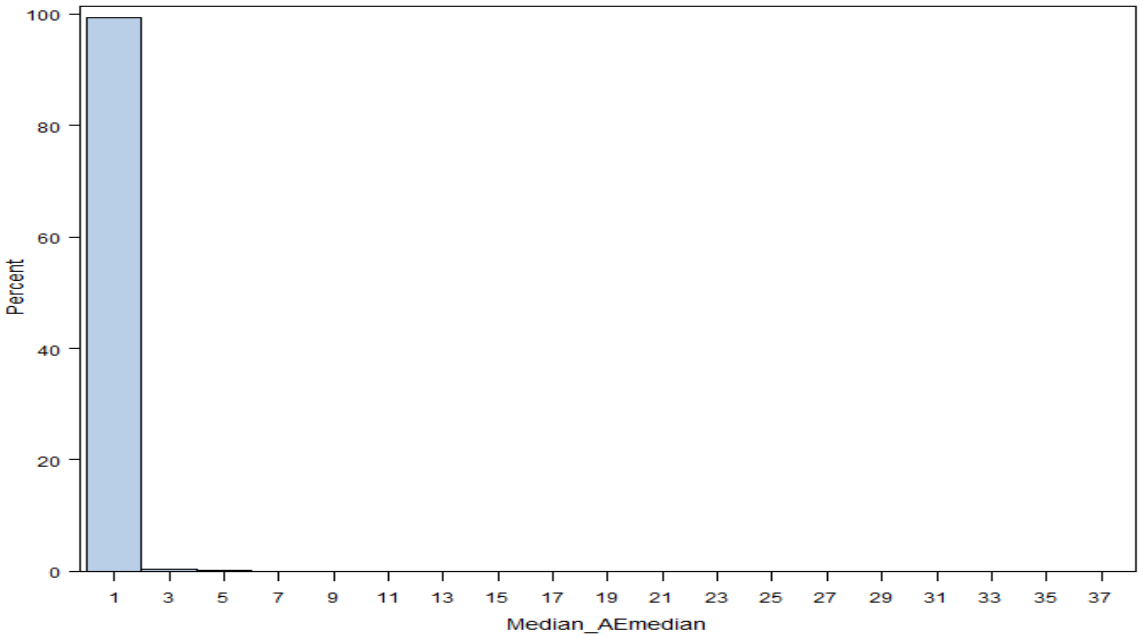


Figure 4.13b Distribution of median absolute errors of median imputation for commercially prepared foods – the histogram

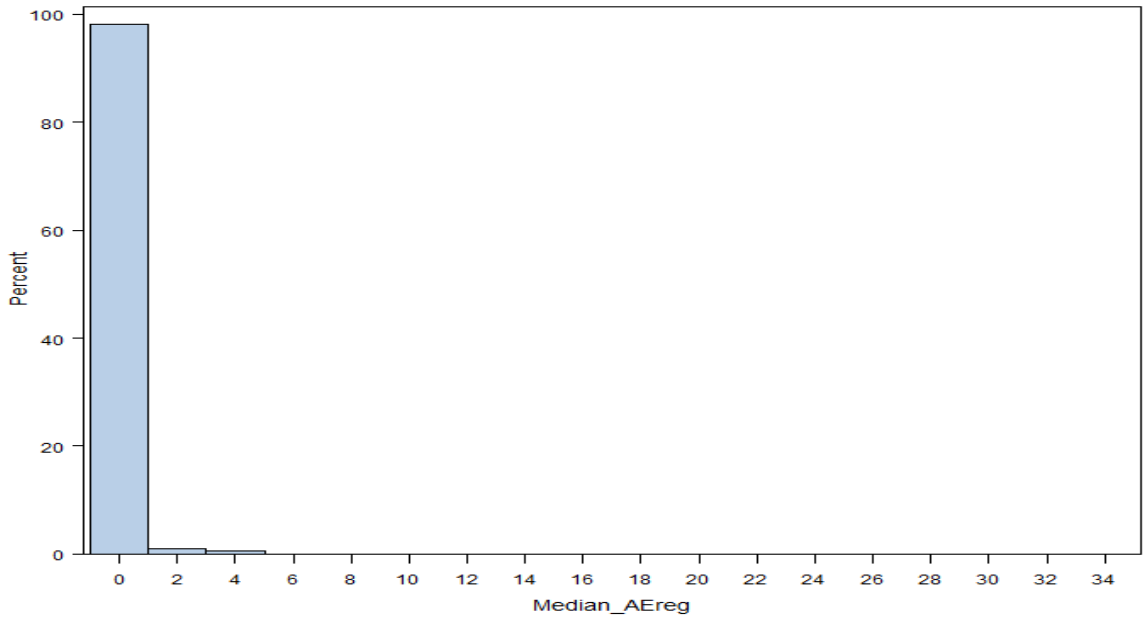


Figure 4.13c Distribution of median absolute errors of regression imputation for commercially prepared foods – the histogram

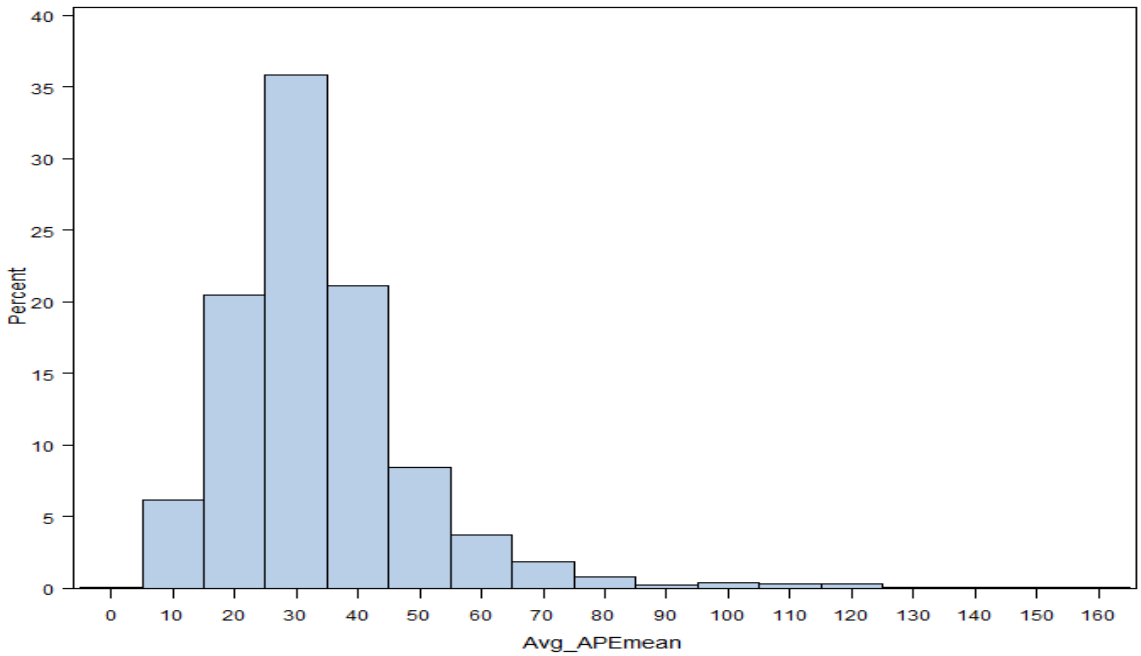


Figure 4.14a Distribution of average absolute percent errors of mean imputation for commercially prepared foods – the histogram

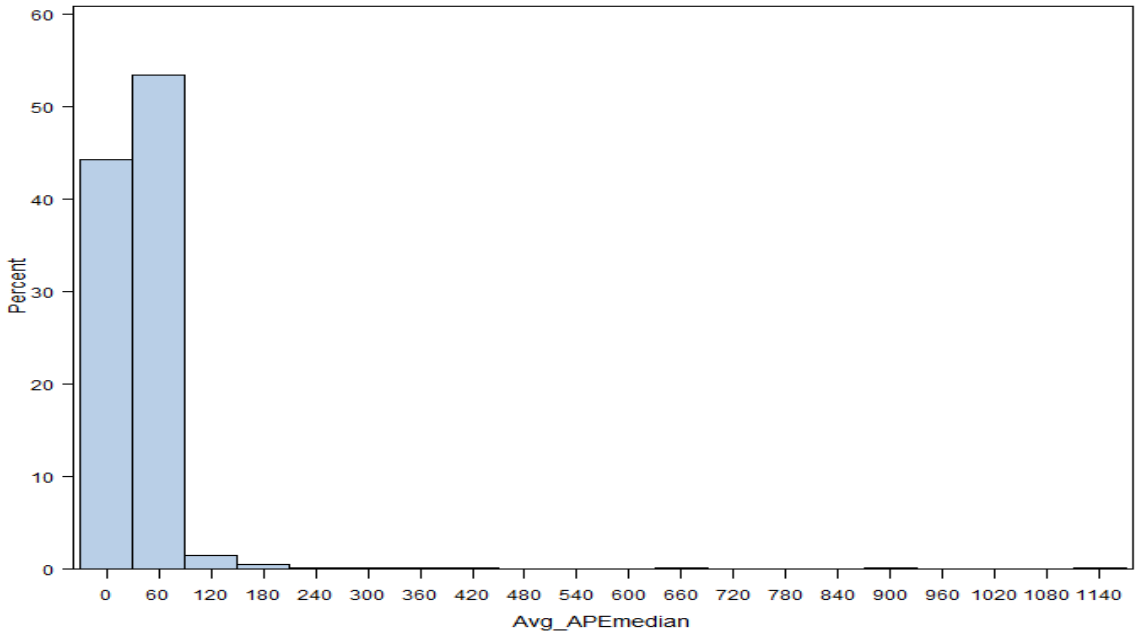


Figure 4.14b Distribution of average absolute percent errors of median imputation for commercially prepared foods – the histogram

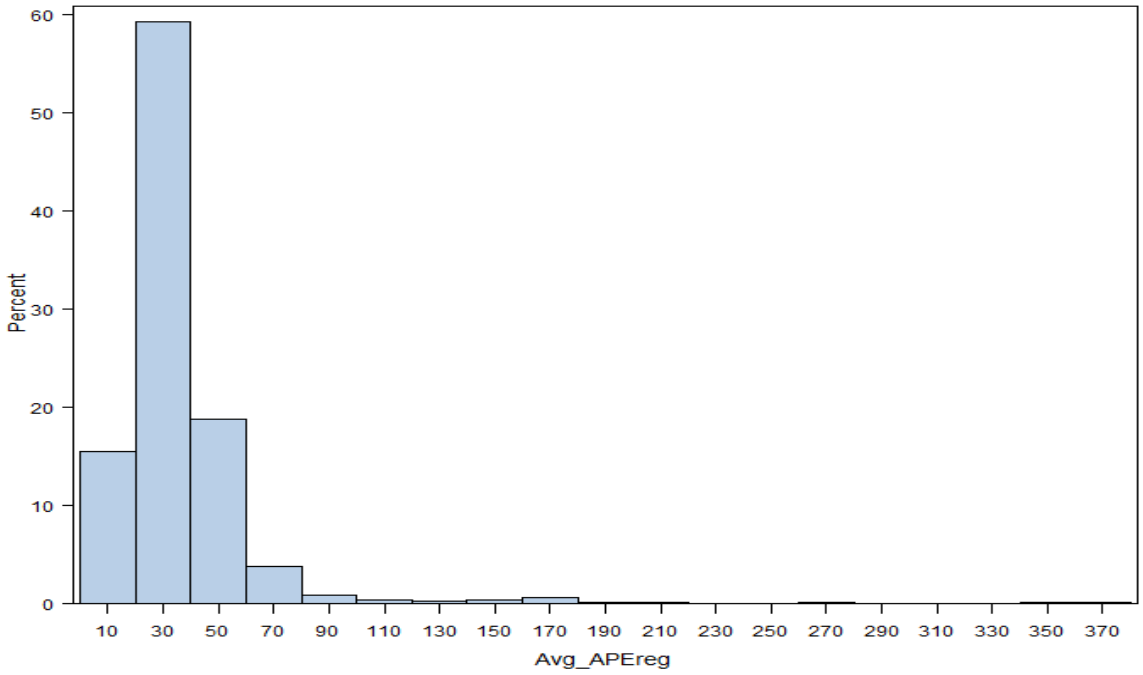


Figure 4.14c Distribution of average absolute percent errors of regression imputation for commercially prepared foods – the histogram

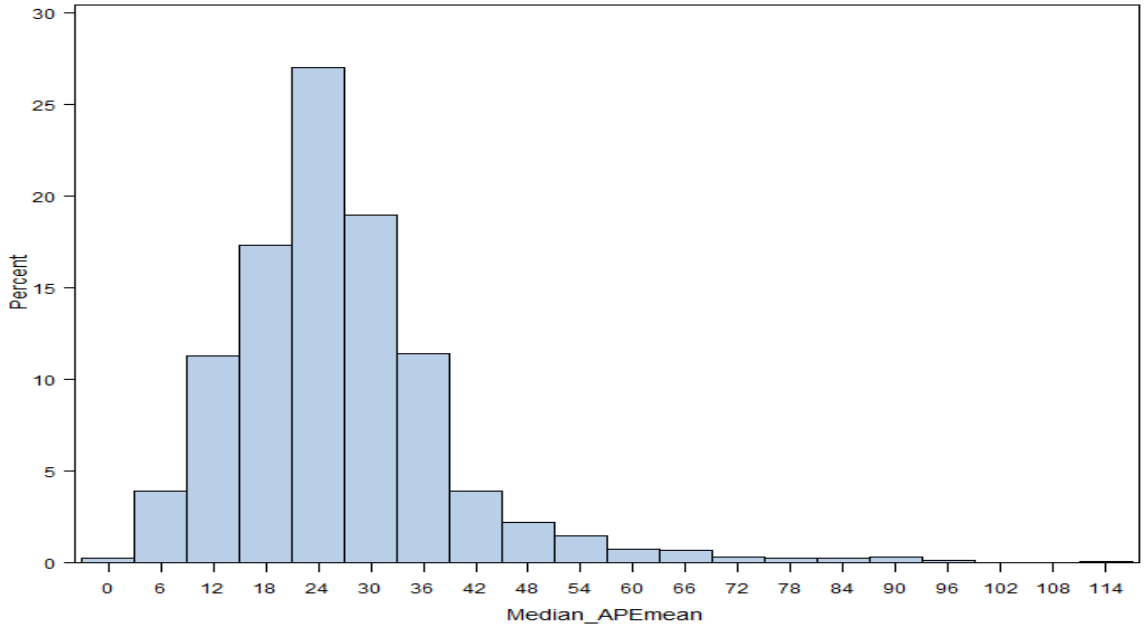


Figure 4.15a Distribution of median absolute percent errors of mean imputation for commercially prepared foods – the histogram

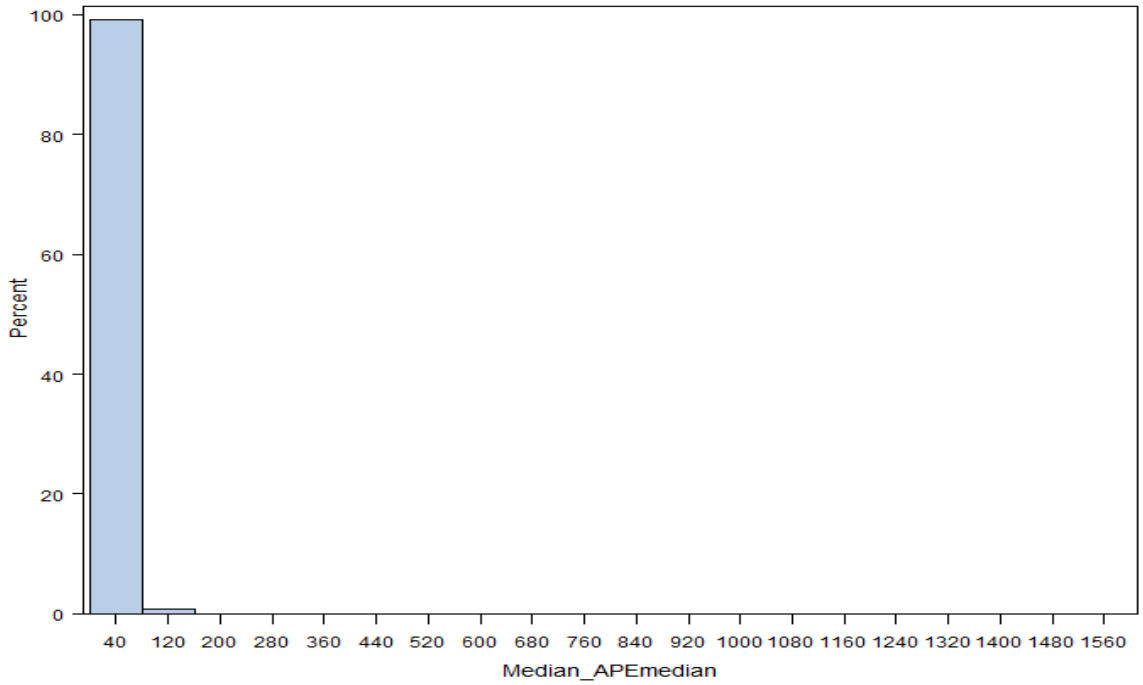


Figure 4.15b Distribution of median absolute percent errors of median imputation for commercially prepared foods – the histogram

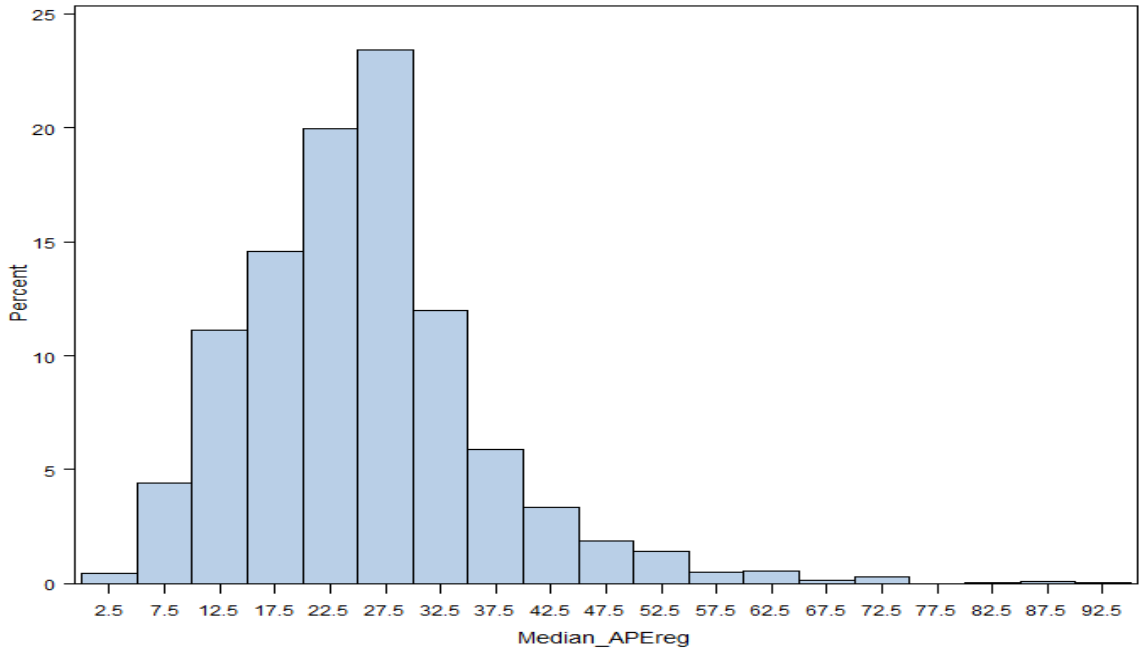


Figure 4.15c Distribution of median absolute percent errors of regression imputation for commercially prepared foods – the histogram

For ingredient foods the relative performance of these three imputation methods are presented in Figures 4.16 – 4.19 below.

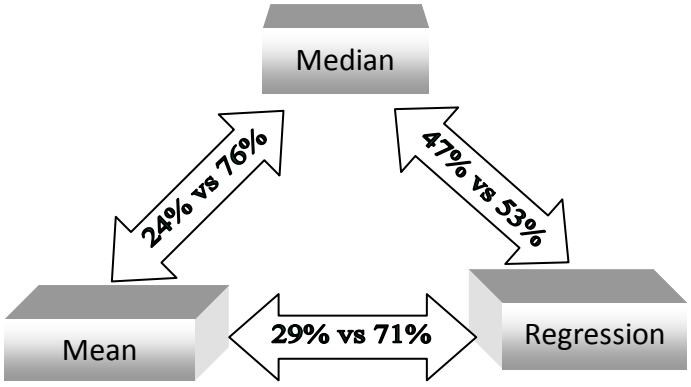


Figure 4.16 Means of absolute errors for ingredient foods

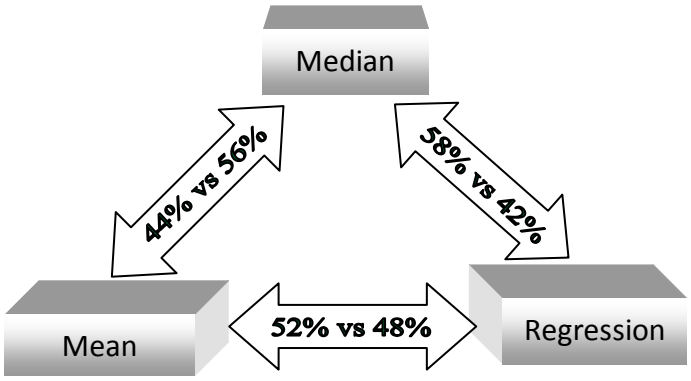


Figure 4.17 Medians of absolute errors for ingredient foods

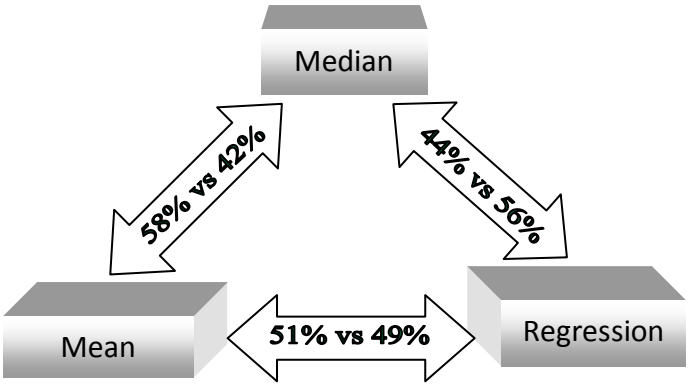


Figure 4.18 Means of absolute percent errors for ingredient foods

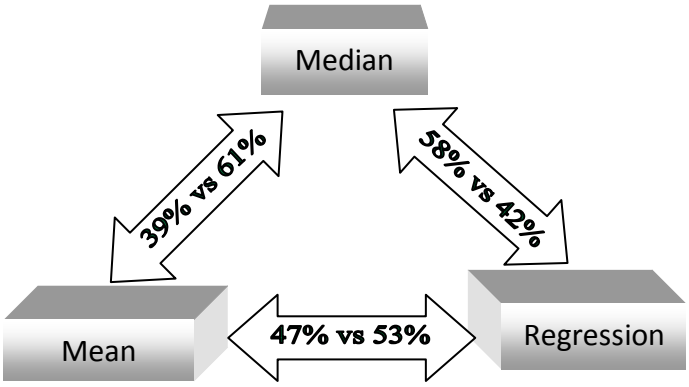


Figure 4.19 Medians of absolute percent errors for ingredient foods

The results above indicate that regression based imputation outperforms mean imputation when comparing average AEs and median APEs (71% and 53%,

respectively). The comparison of regression-based and median imputation methods reveals that the former is superior when averages are compared (53% and 56% for AE and APE, respectively), while the latter is superior when medians are compared (58% for both AE and APE).

Median imputation is superior to mean imputation in all cases except when comparing average APEs.

The distributions for these measures are in Figures 4.20, 4.21, 4.22 and 4.23 below.

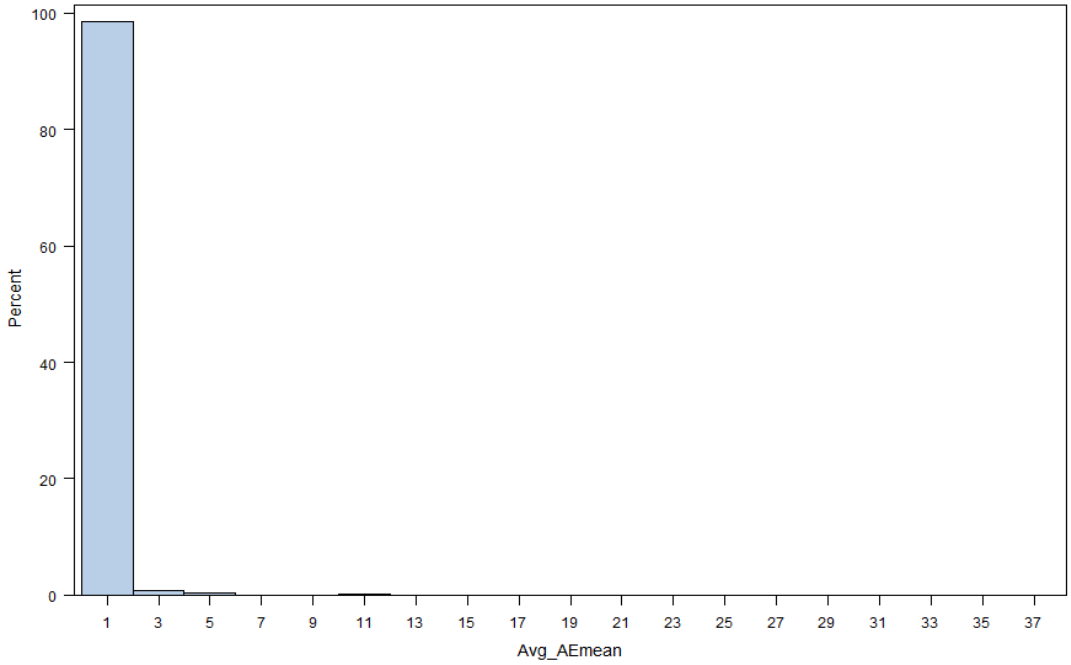


Figure 4.20a Distribution of average absolute errors of mean imputation for ingredient foods – the histogram

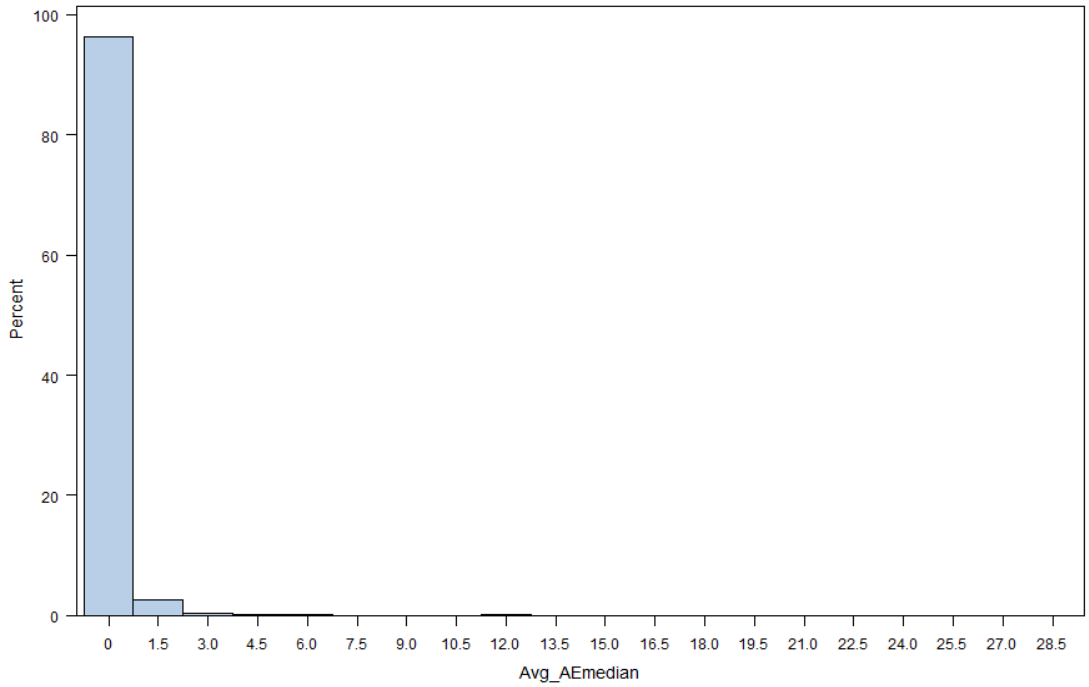


Figure 4.20b Distribution of average absolute errors of median imputation for ingredient foods – the histogram

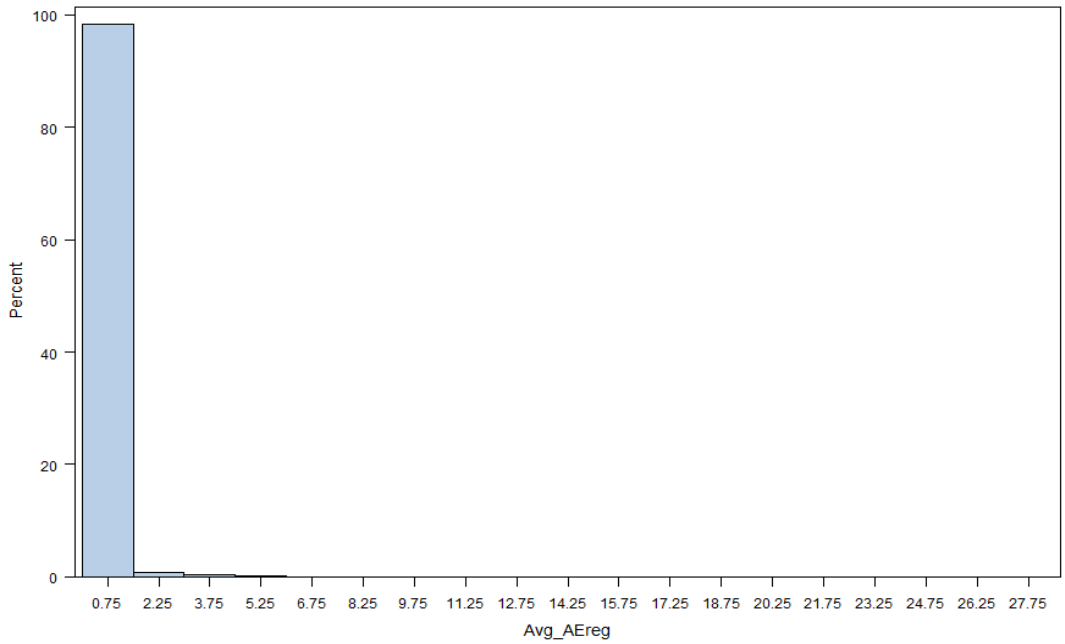


Figure 4.20c Distribution of average absolute errors of regression imputation for ingredient foods – the histogram

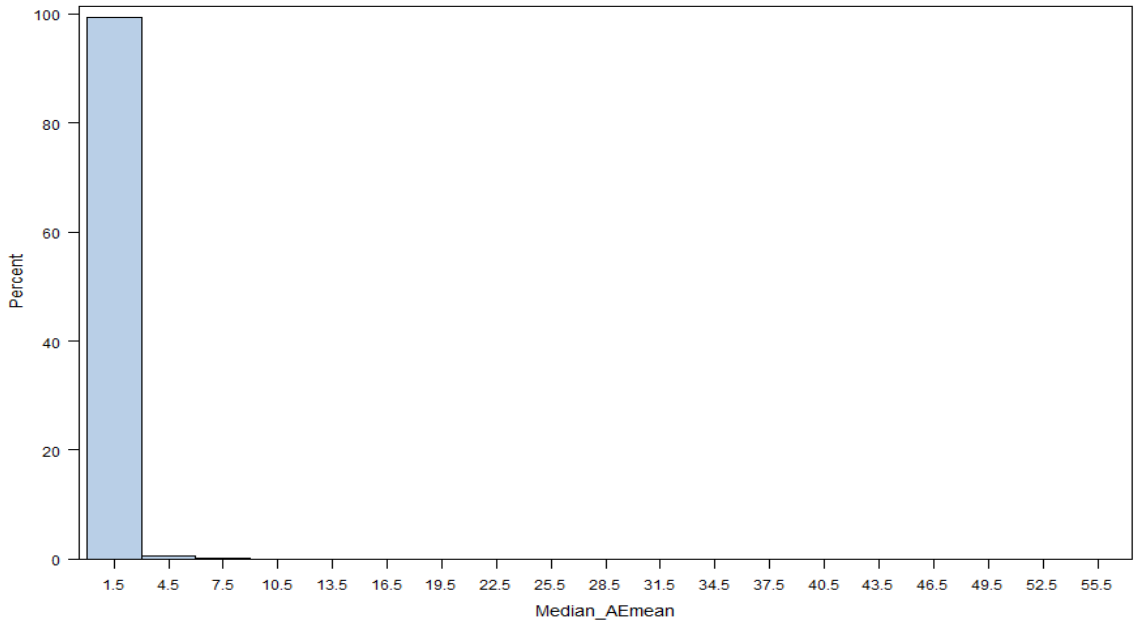


Figure 4.21a Distribution of median absolute errors of mean imputation for ingredient foods – the histogram

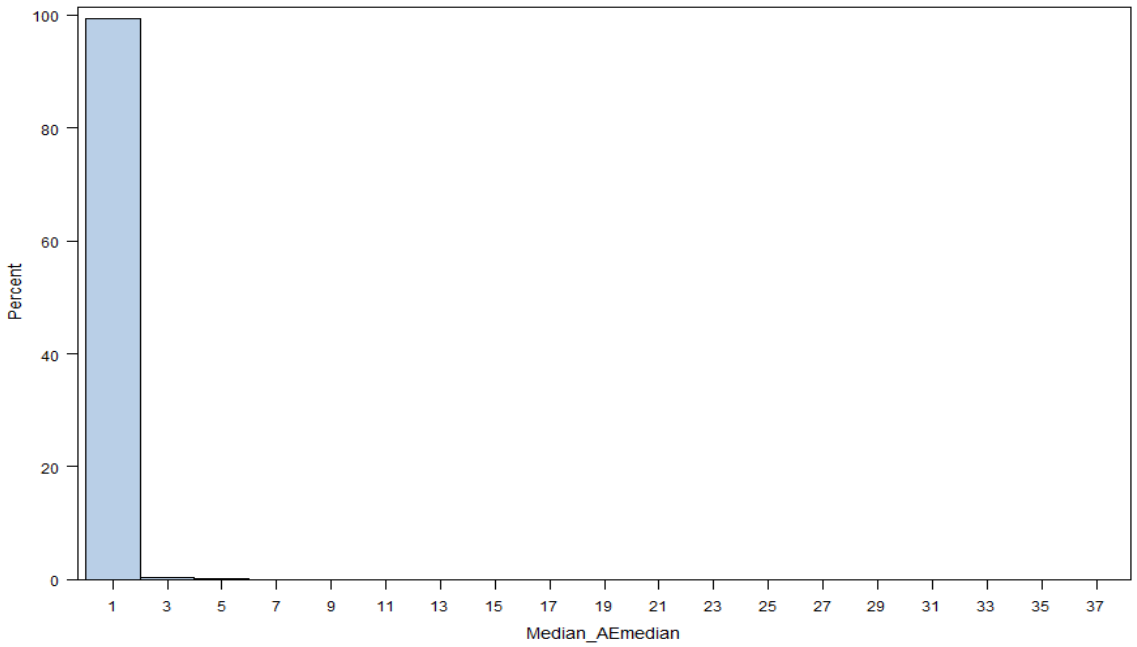


Figure 4.21b Distribution of median absolute errors of median imputation for ingredient foods – the histogram

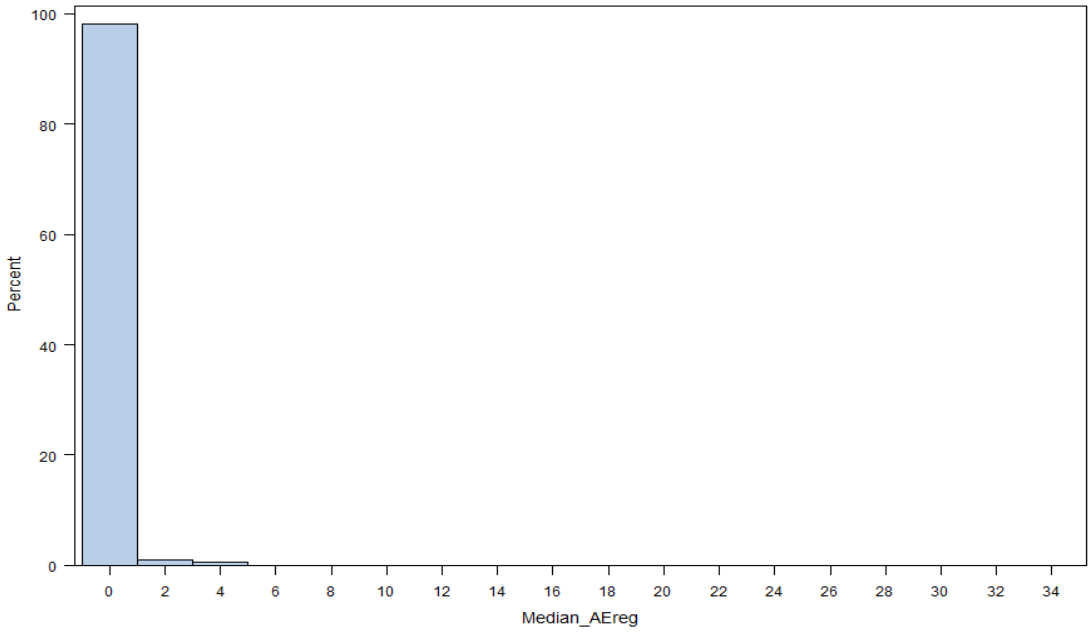


Figure 4.21c Distribution of median absolute errors of regression imputation for ingredient foods – the histogram

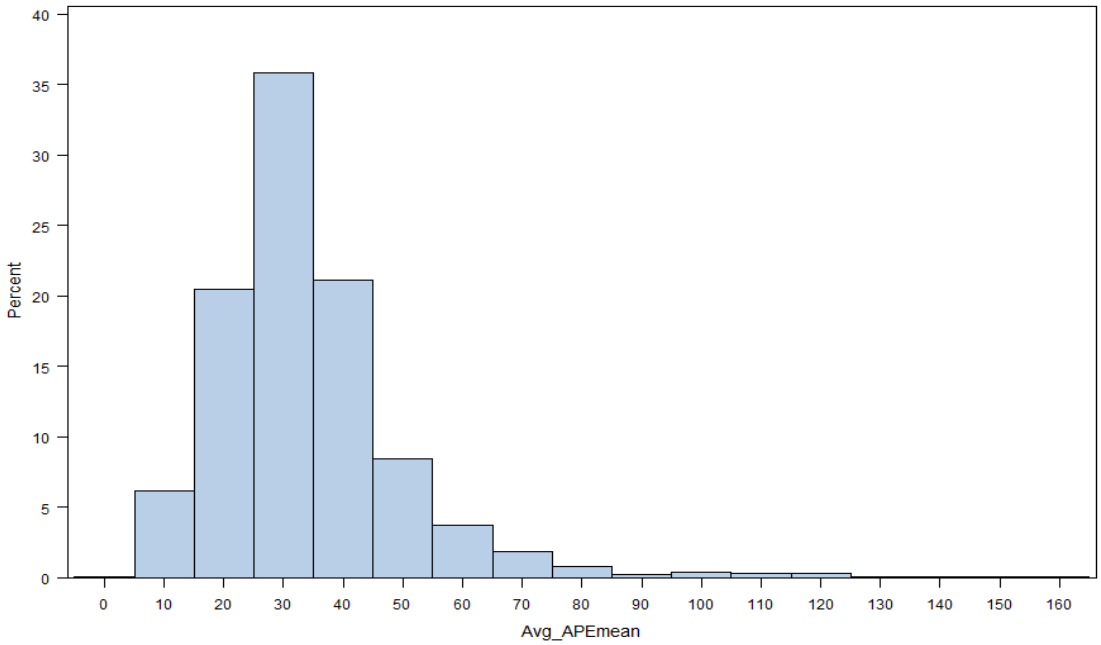


Figure 4.22a Distribution of average absolute percent errors of mean imputation for ingredient foods – the histogram

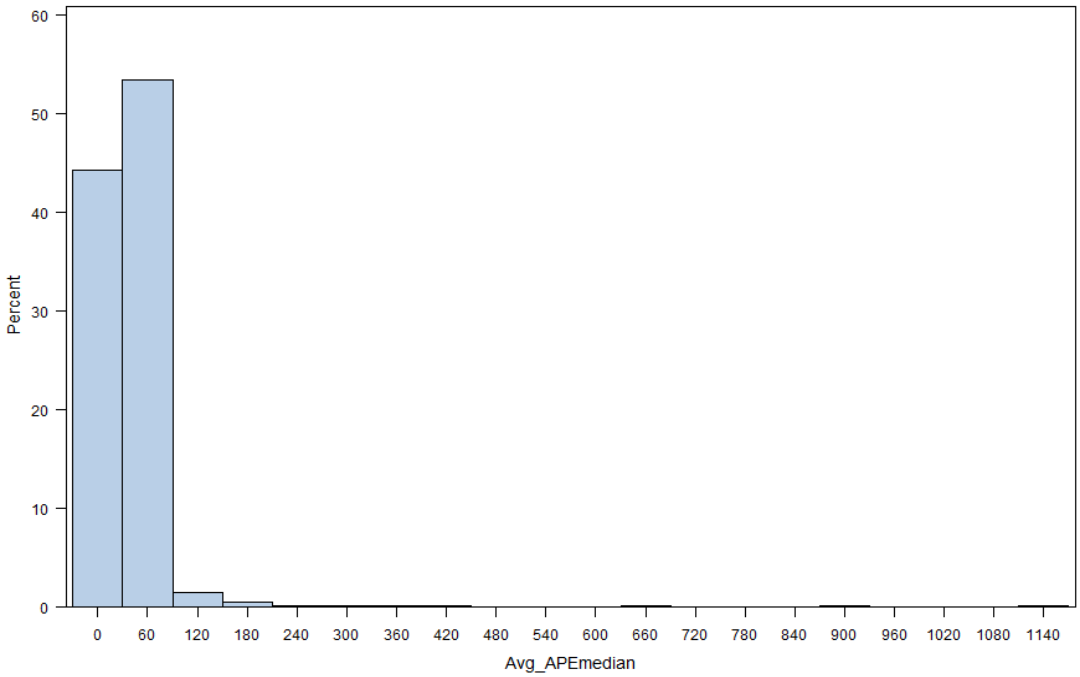


Figure 4.22b Distribution of average absolute percent errors of median imputation for ingredient foods – the histogram

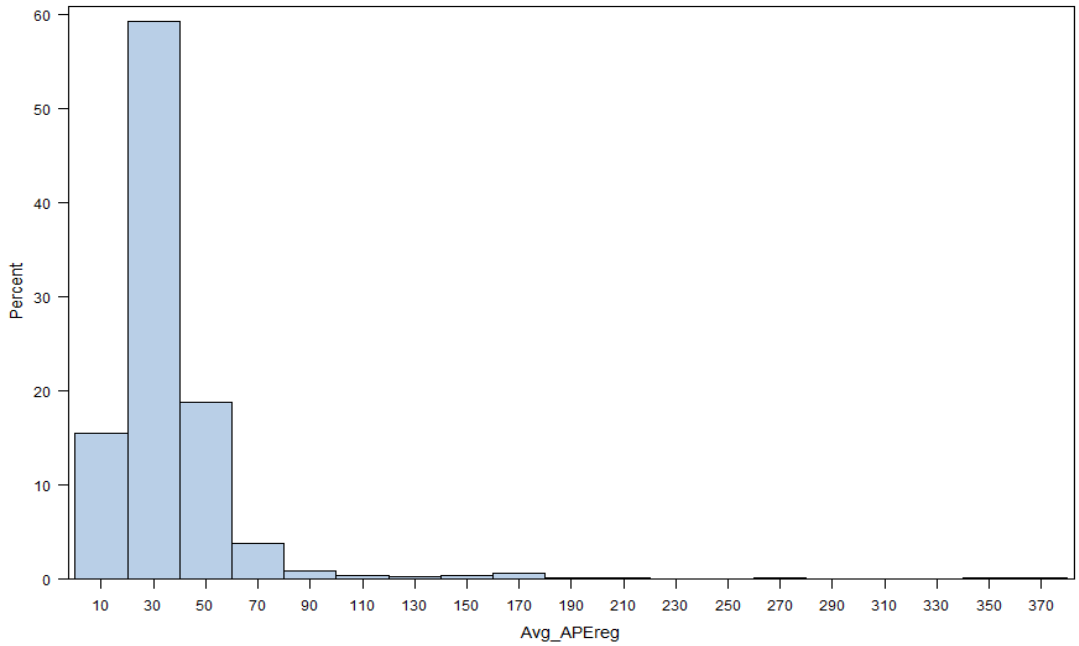


Figure 4.22c Distribution of average absolute percent errors of regression imputation for ingredient foods – the histogram

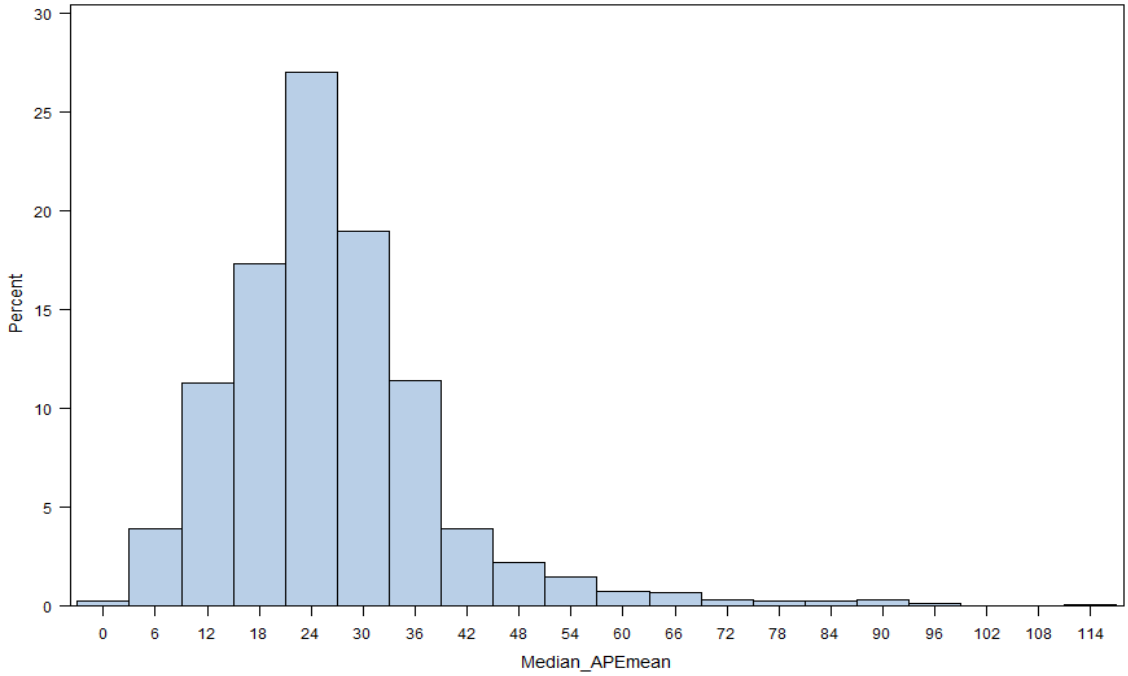


Figure 4.23a Distribution of median absolute percent errors of mean imputation for ingredient foods – the histogram

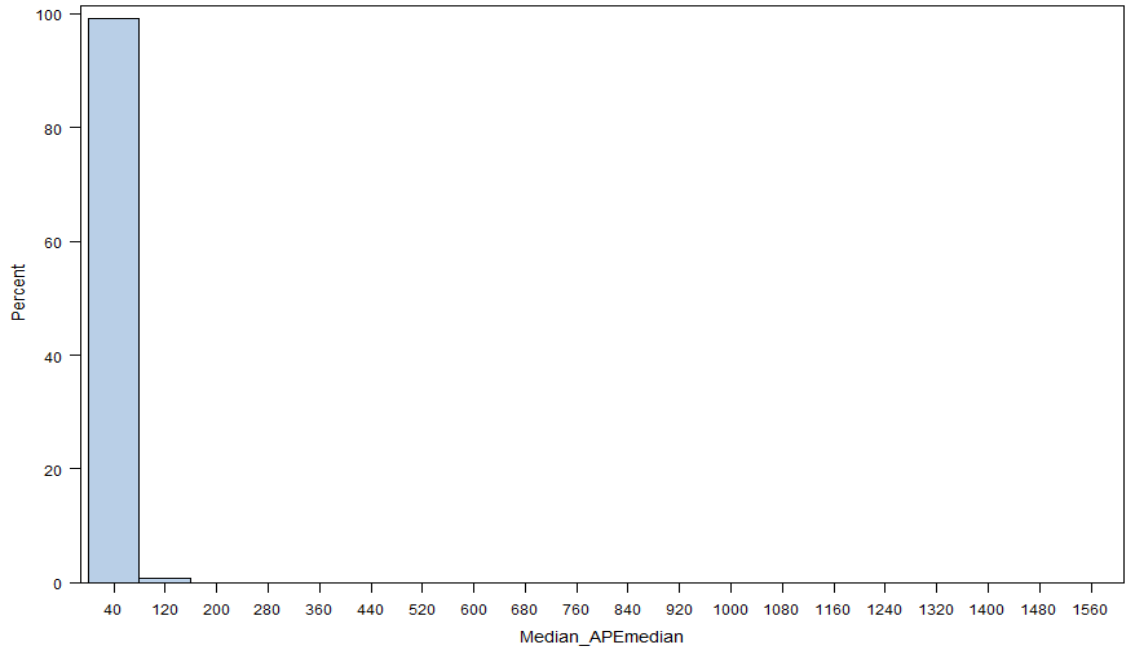


Figure 4.23b Distribution of median absolute percent errors of median imputation for ingredient foods – the histogram

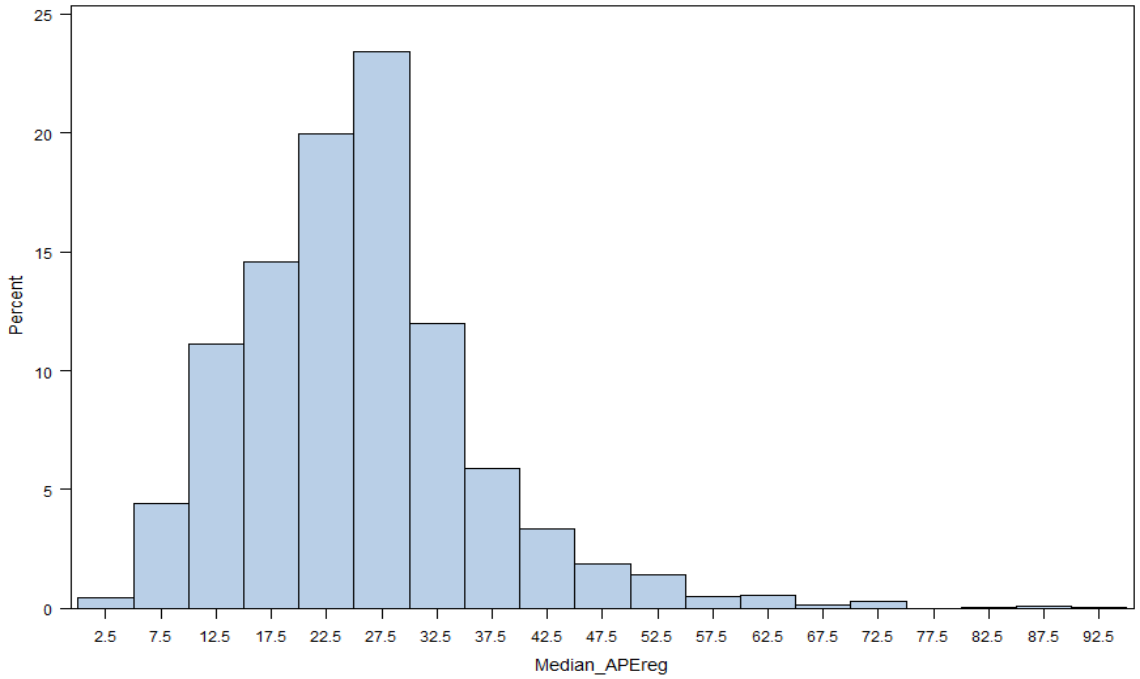


Figure 4.23c Distribution of median absolute percent errors of regression imputation for ingredient foods – the histogram

The mean and median absolute errors give an idea of the relative magnitude of the deviation from actual values which may not convey the entire meaning if the prices are really low. For this reason we are providing the distribution of mean and median absolute errors as well. For commercially prepared foods the Mean and Median Absolute Errors averaged around 0.17 and 0.13 cents around per gram prices, respectively, while the Mean and Median Absolute Percent Errors averaged around 34% and 26%, respectively. For ingredient foods the Mean and Median Absolute Errors averaged around 0.28 and 0.21 cents around per gram prices, respectively, while the Mean and Median Absolute Percent Errors averaged around 35% and 25%, respectively. Figure 4.24 below depicts this step.

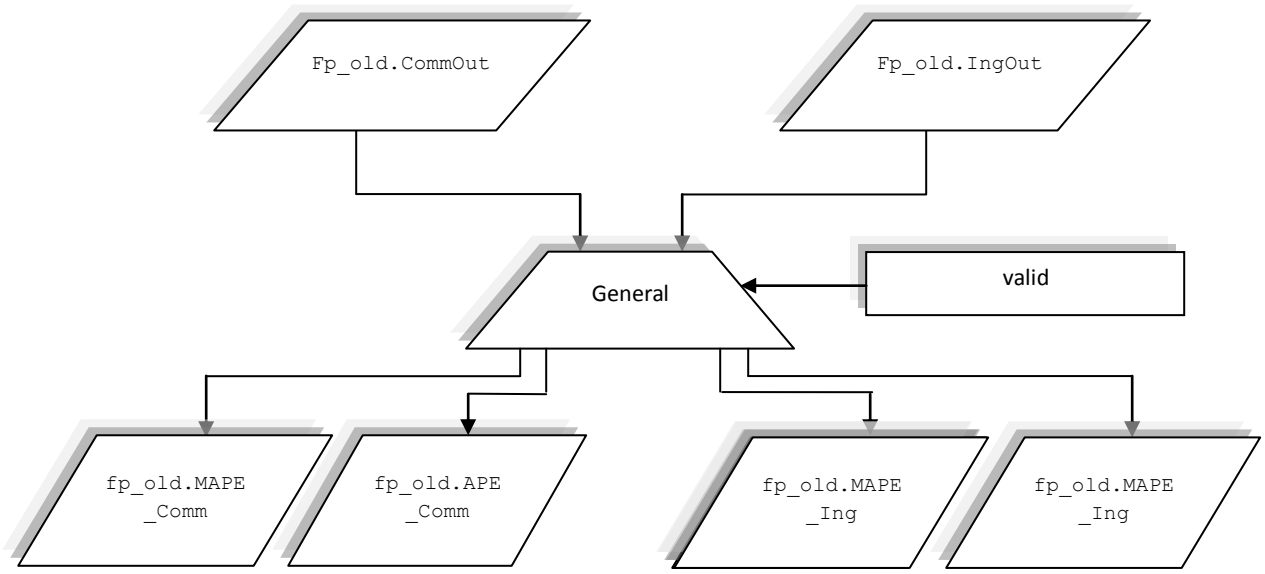


Figure 4.24 Validation of the proposed method – the flow chart

Appendix B has the macro code called `Calc price macros G` that contains `valid` macros and the execution code `Final price`.

Step 6. Combine the Imputed Ingredient Prices by Recipes

The results of the regressions in Step 4 are stored in `Fp_old.Paramet_Ing` and `Fp_old.Paramet_Ing` for ingredient and commercially prepared foods, respectively. These data files are basically matrices with food or ingredient codes represented on the rows and estimated parameters (including the intercept) represented on columns. We may need to remind the readers that the low frequency food and ingredient codes are included in these data files too, with their average values recorded under the intercept, and a string of zeros for the rest of the parameters.

At this point we are ready to impute price variable to individual food and ingredient codes using geo-coded NHANES data with corresponding year, season and region variables. The way to proceed is to multiply the vector of estimated parameters (including the intercept) for each food and ingredient code from Step 5 with a vector of year, season and region values in NHANES for each food code. While it is straightforward to impute prices to commercially prepared foods as they are represented by a food code which can be easily identified in the NHANES data, the situation is not so clear in the case of ingredient data. To illustrate this procedure on the example of

lasagna in the Introduction, we will multiply the parameter estimates for the ingredients from

$$\text{Estimation 1: } \widehat{Price}_{Lasagna\ \ Noodles} = \hat{\beta}_0 + \hat{\beta}_1 Season + \hat{\beta}_2 Region$$

$$\text{Estimation 2: } \widehat{Price}_{Marinara\ \ Sauce} = \hat{\gamma}_0 + \hat{\gamma}_1 Season + \hat{\gamma}_2 Region$$

$$\text{Estimation 3: } \widehat{Price}_{Mozzarella\ \ Cheese} = \hat{\delta}_0 + \hat{\delta}_1 Season + \hat{\delta}_2 Region$$

with actual values of Season and Region from each lasagna observation in NHANES as there may or may not exist food codes representing lasagna noodles or marinara sauce or mozzarella cheese. In short, we are conjecturing how much the consumer would have paid per each ingredient for lasagna that he or she prepared at home.

The resulting scalar value of this vector multiplication would be the imputed price for each food or ingredient code. As a last step we will combine the food and ingredient codes into food codes using recipe weights, treating commercially prepared foods (foods that are represented by one food code) as an ingredient food with one ingredient only. This last step is accomplished in macro `create_recip_price`.

This process is illustrated in Figure 4.25 below.

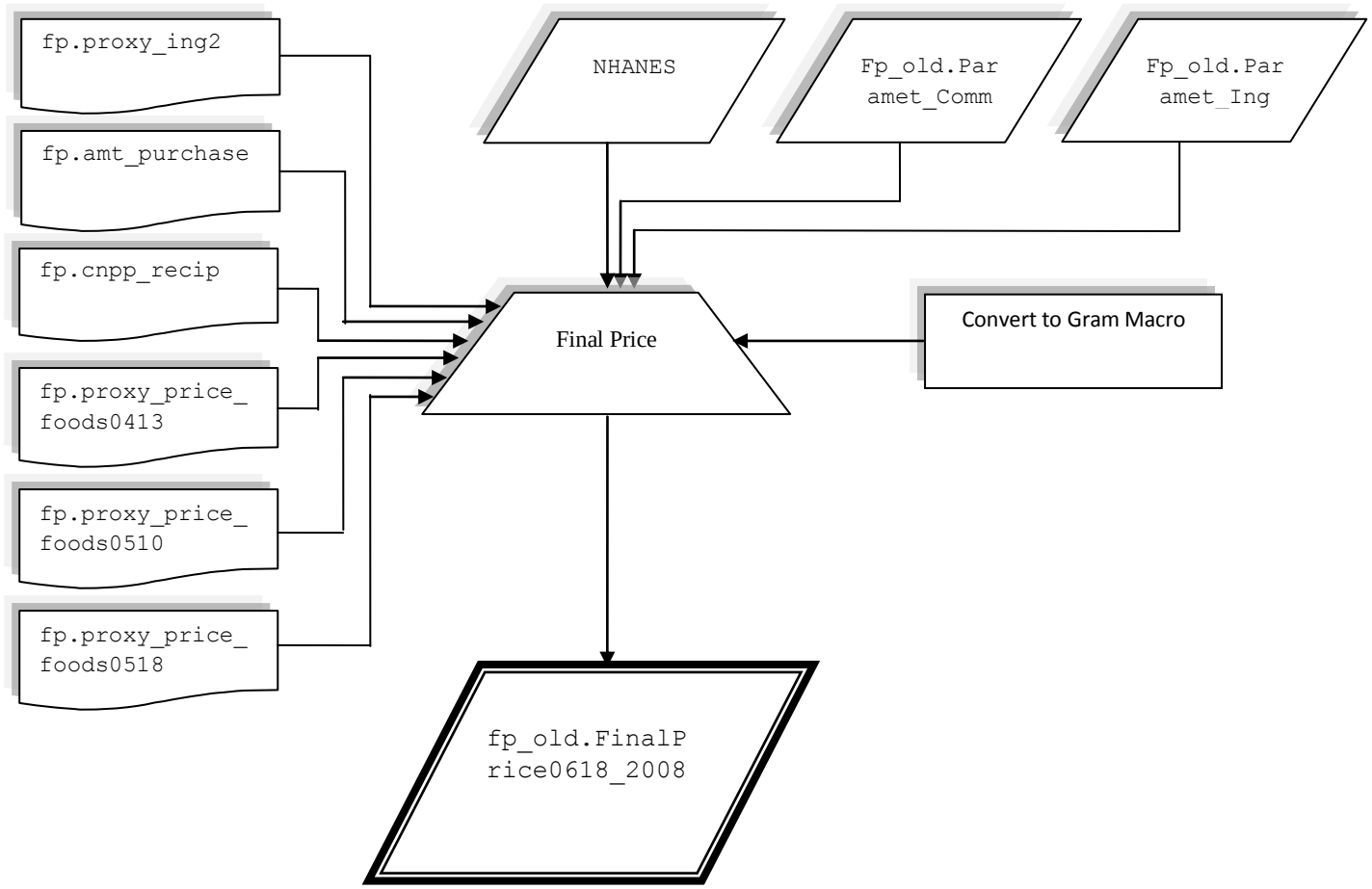


Figure 4.25 Combining the imputed ingredient prices by recipes – the flow chart

Conclusion

Complete data or datasets without missing data points are an extremely rare phenomenon. There are different methods for addressing the missingness in the data contingent upon the patterns of missing values and the mechanisms that gives rise to patterns. This study addresses the latent variable pattern with a variable that has never been observed. The mechanism that gives rise to this particular pattern is considered to be missing completely at random (MCAR) as the missingness is conditioned by neither the values of the missing variable nor the values of other covariates. Three imputation methods are used in this analysis – regression-based, mean and median imputations. The average absolute deviation in the actual and predicted price per 100g under different imputation methods is presented in the Table 4.9 below.

Several iterations of the out-of-sample validation indicate that regression-based imputation outperforms the mean imputation for commercially prepared foods based on both mean and median comparisons. Median imputation outperforms regression-based imputation when comparing on median basis. For ingredient foods the preference structure is not so well behaved and is circular. This could be explained by possibly adding to inefficiency when adding the ingredients, which makes the new error term of a food a summation of the ingredients' error terms.

Table 4.9 The Average Absolute Deviation in the Actual and Predicted Price per 100g

	Avg AE Mean cent	Avg AE Med cent	Avg AE Reg cent	Median AE Mean cent	Median AE Med cent	Median AE Reg cent	Avg APE Mean %	Avg APE Med %	Avg APE Reg %	Median APE Mean %	Median APE Med %	Median APE Reg %
Commercially Prepared	17.5	17.2	17.2	13.8	13.2	13.5	34.4	34.9	34.1	27.1	25.6	26.1
Ingredient Foods	29.4	27.6	28.5	22.8	19.9	20.1	34.3	37.0	35.9	26.1	25.2	25.4

In general the following preference structure was observed:

	Mean Absolute Errors	Median Absolute Errors	Mean Absolute Percent Errors	Median Absolute Percent Errors
Commercially Prepared Foods	R ≻ M ≻ A	M ≻ R ≻ A	R ≻ A ≻ M	M ≻ R ≻ A
Ingredient Foods	R ≻ M ≻ A	M ≻ A ≻ R	A ≻ R ≻ M	M ≻ R ≻ A

where R, A and M stand for the regression-based, mean and median imputations, respectively, and the symbol ≻ signifies a strict preference, e.g. R ≻ M signifies a strict preference of R over M.

The results above indicate that regression-based imputation is clearly the best option for commercially prepared foods. For ingredient foods a more stratified approach might be warranted, such as different imputation techniques contingent upon the number of ingredients to be combined to prepare a particular food, and the sample size. Based on the latter statement, we would recommend median imputation for non-frequent food codes (food codes with observations less than 75) in this study, or at least some convex combination of mean and median imputations.

CHAPTER V

SUMMARY, CONCLUSION, AND LIMITATIONS

Overweight and obesity prevalence worldwide has made it one of the most widespread and controversial vices in the 20th century and in the current century. Although the public awareness seems to grow, we exercise more than ever, and yet we continue to gain weight. There is a large economic, nutrition, and medical literature body that has addressed this issue.

There are numerous factors that affect obesity, one of which is the subject of this work. Changed lifestyle factors with women comprising almost half the labor force, up from a third three decades ago, technological, household structure and household size changes all have their impacts on obesity. While there are differing opinions as to the existence and magnitude of various environmental and hereditary factors' effects on this trend, it is widely acknowledged that diet has a sizable impact on it. This work attempts to explain one aspect of the dietary change that may have had its share in this problem.

At this stage, due to technological advances in agricultural production more than 500 calories per day per person are available in the U.S. This work demonstrates that relative increase of FAFH along with absolute increase in foods consumed has its share in the recent body mass increase. Treating FAFH effects on the body mass identical regardless of the food source may not be justified and is practically unreasonable. If we isolate the cost of a calorie, notwithstanding the health consequences and cost, fast food

calories are really a bargain. This indicates that obesity is the sickness of the poor, supported by our results, and that FAFH at quick- and full-service restaurants should not have identical effects on the body mass. We demonstrate that FAFH at quick service has significantly larger effect on the body mass than FAFH at full-service restaurants. We also demonstrate that nesting FAFH consumption at different meal occasions is equally unjustified. Our results indicate that lunch has significantly larger effects on BMI than any other meal occasion, which chimes with our findings in Model 2 with FAFH disaggregated by food source.

This work also lays the groundwork for future research in energy consumption by enabling to impute and use such important economic variables in the analysis as the price of foods. The statistical treatments of the missing variable problems following different patterns and mechanisms are presented and discussed. We review and analyze the common imputation techniques used in agricultural economics literature and discuss the choice of techniques contingent upon the sample sizes, missingness patterns and mechanisms. This work reveals that regression imputation is the most commonly used technique that shares the relative computational simplicity as mean or median imputation, and remedies the weakness of the mean/median imputation techniques of ‘smoothing’ or ‘averaging’ effect by leaving out relevant information. We demonstrate the regression, mean and median imputations techniques empirically by imputing foods prices to NHANES dietary intake data. For the subset of foods that are purchased commercially prepared, the regression imputation technique outperforms the mean imputation. The comparison results of regression imputation to median imputation are

mixed. For the subset of foods that are prepared from ingredients, the results are mixed without indicating the superiority of any technique.

The proper treatment of missing data problem will enable the future research to model and estimate the own price elasticities of key foods and food groups and create ways of better understanding the preferences that give rise to their demands and those elasticities. This will open up possibilities for government interferences to adjust certain food prices in a way that they would encompass negative and positive externalities, quantify them and integrate them into some prices, thereby making them a more realistic and efficient tool for fighting obesity.

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APPENDIX A

FOOD CODING SCHEME[10]

1 Milk And Milk Products

11 Milks and milk drinks

110 Milk, human

111 Milk, fluid (regular; filled; buttermilk; and dry reconstituted)

112 Milk, fluid, evaporated and condensed

113 Milk, fluid, imitation

114 Yogurt

115 Flavored milk and milk drinks, fluid

116 Milk-based meal replacements, fluid

117 Infant formulas, fluid, reconstituted concentrate, reconstituted dry, and ready-to-feed (milk-based formulas; soy-based formulas; therapeutic formulas)

118 Milk, dry, and powdered mixtures with dry milk, not reconstituted

119 Infant formulas, dry or concentrated fluid, not reconstituted

12 Creams and cream substitutes

121 Sweet dairy cream

122 Cream substitutes

123 Sour cream

13 Milk desserts, sauces, gravies

131 Milk desserts, frozen

132 Puddings, custards, and other milk desserts

[10] Available at http://www.ars.usda.gov/SP2UserFiles/Place/12355000/pdf/fndds_doc.pdf#codingscheme.

133 Milk desserts baby food

134 White sauces and milk gravies

14 Cheeses

140 Cheese, ns as to type

141 Natural cheeses

142 Cottage cheeses

143 Cream cheeses

144 Processed cheeses and cheese spreads

145 Imitation cheeses

146 Cheese mixtures

147 Cheese soups

2 Meat, Poultry, Fish and Mixtures

20 Meat, ns as to type

200 Meat, ns as to type

21 Beef

210 Beef, nfs

211 Beef steak

213 Beef oxtails, neckbones, short ribs, head

214 Beef roasts, stew meat, corned beef, beef brisket, sandwich steaks

215 Ground beef, beef patties, beef meatballs

216 Other beef items (beef bacon; dried beef; pastrami)

217 Beef baby food

22 Pork

220 Pork, nfs; ground, dehydrated

221 Pork chops

222 Pork steaks, cutlets

223 Ham

224 Pork roasts

225 Canadian bacon

226 Bacon, salt pork

227 Other pork items (spareribs; cracklings; skin; miscellaneous parts)

228 Pork baby food

23 Lamb, veal, game, other carcass meat

230 Lamb, nfs

231 Lamb and goat

232 Veal

233 Game

234 Lamb or veal baby food

24 Poultry

241 Chicken (breast; leg; drumstick; wing; back; neck or ribs; misc.)

242 Turkey

243 Duck

244 Other poultry

247 Poultry baby food

25 Organ meats, sausages and lunchmeats, and meat spreads

251 Organ meats and mixtures

2511 Liver

2512 Hearts

2513 Kidney

2514 Sweetbreads

2515 Brains

2516 Tongue

2517 Other variety meats

2518 Variety meats baby food

252 Frankfurters, sausages, lunchmeats, meat spreads

2521 Frankfurters

2522 Sausages

2523 Luncheon meats (loaf)

2524 Potted meat, spreads

26 Fish and shellfish

261 Finfish

262 Other seafood

263 Shellfish

27 Meat, poultry, fish with nonmeat items

271 Meat, poultry, fish in gravy or sauce or creamed

2711 Beef in gravy or sauce (tomato-based sauce; gravy; cream, white, or Soup-based sauce; soy-based sauce; other sauce; Puerto Rican)

2712 Pork with gravy or sauce

2713 Lamb and veal with gravy or sauce

2714 Poultry with gravy or sauce (tomato-based sauce; gravy; cream, white, or Soup-based sauce; soy-based sauce; other sauces; Puerto Rican)

2715 Fish, shellfish with gravy or sauce

2716 Miscellaneous meats with gravy or sauce

272 Meat, poultry, fish with starch item (include white potatoes)

2721 Beef with starch item (potatoes; noodles; rice; bread; Puerto Rican)

2722 Pork with starch item

2723 Lamb, veal, game with starch item

2724 Poultry with starch item (potatoes; noodles; rice; bread)

2725 Fish, shellfish with starch item

2726 Miscellaneous meats with starch item

273 Meat, poultry, fish with starch item and vegetables

2731 Beef with starch and vegetable (potatoes; noodles; rice; bread; Puerto Rican)

2732 Pork with starch and vegetable

2733 Lamb, veal, game with starch and vegetable

2734 Poultry with starch and vegetable (potatoes; noodles; rice; bread; Puerto Rican)

2735 Fish, shellfish with starch and vegetable

2736 Miscellaneous meats with starch and vegetable

274 Meat, poultry, fish with vegetables (excluding white potatoes)

2741 Beef with vegetable, no potatoes

2742 Pork with vegetable, no potatoes

2743 Lamb, veal, game with vegetable, no potatoes

2744 Poultry with vegetables, no potatoes

2745 Fish, shellfish with vegetables, no potatoes

2746 Miscellaneous meats with vegetable, no potatoes

275 Sandwiches with meat, poultry, fish

2751 Beef sandwiches

2752 Pork sandwiches

2754 Poultry sandwiches

2755 Fish, shellfish sandwiches

2756 Frankfurters, luncheon meat, potted meat sandwiches

2757 Hors d'oeuvres, finger sandwiches

276 Meat, poultry, fish with nonmeat items baby food

2761 Beef mixtures baby food

2762 Pork mixtures baby food

2763 Lamb, veal mixtures baby food

2764 Poultry mixtures baby food

27644 Soups baby food

2765 Fish mixtures baby food

28 Frozen and shelf-stable plate meals, soups, and gravies with meat, poultry, fish base; gelatin and gelatin-based drinks

281 Frozen or shelf-stable plate meals with meat, poultry, fish as major ingredient

2811 Beef frozen or shelf-stable meals

2812 Pork or ham frozen or shelf-stable meals

2813 Veal frozen or shelf-stable meals

2814 Poultry frozen or shelf-stable meals

2815 Fish, shellfish frozen meals

2816 Miscellaneous meat frozen or shelf-stable meals

283 Soups, broths, extracts from meat, poultry, fish base

2831 Beef soups

2832 Pork soups

2833 Lamb soups

2834 Poultry, soups

28345 Poultry cream soups

2835 Fish, shellfish soups

2836 Puerto Rican soups

284 Gelatin and gelatin-based meal supplements

285 Gravies from meat, poultry, fish base

3 Eggs

31 Eggs

311 Chicken eggs

312 Other poultry eggs

32 Egg mixtures

321 Egg dishes

322 Egg sandwiches

323 Egg soups

324 Meringues

33 Egg substitutes

330 Egg substitute, ns as to form

331 Egg substitute, from powdered mixture

332 Egg substitute, from frozen mixture

333 Egg substitute, from liquid mixture

34 Eggs baby food

341 Eggs baby food

35 Frozen plate meals with egg as major ingredient

350 Frozen plate meals with egg as major ingredient

4 Dry beans, peas, other legumes, nuts, and seeds

41 Legumes

411 Dried beans

412 Dried beans mixtures

413 Dried peas, lentils, and mixtures

414 Soybean derived products (excluding milks)

415 Frozen plate meals with legumes as major ingredient

416 Soups with legumes as major ingredient

417 Legumes baby food

418 Meat substitutes, mainly legume protein

419 Meat substitute sandwiches

42 Nuts, nut butters, and nut mixtures

421 Nuts

422 Nut butters

423 Nut butter sandwiches

424 Coconut beverages

425 Nut mixtures

43 Seeds and seed mixtures

431 Seeds

44 Carob products

441 Carob powder, flour

442 Carob chips, syrup

5 Grain products

50 Flour and dry mixes

500 Flour and dry mixes

51 Yeast breads, rolls

510 Breads, rolls, nfs

511 White breads, rolls

512 Whole wheat breads, rolls

513 Wheat, cracked wheat breads, rolls

514 Rye breads, rolls

515 Oat breads

516 Multigrain breads, rolls

517 Cottonseed breads

518 Other breads

52 Quick breads

521 Biscuits

522 Cornbread, corn muffins, tortillas

523 Other muffins, popovers

524 Other quick breads

53 Cakes, cookies, pies, pastries

531 Cakes

532 Cookies

533 Pies (fruit pies; pie tarts; cream, custard, and chiffon pies; miscellaneous pies; pie shells)

534 Cobblers, eclairs, turnovers, other pastries

535 Danish, breakfast pastries, doughnuts, granola bars

536 Coffee cake, not yeast

54 Crackers and salty snacks from grain products

540 Crackers, ns as to type

541 Sweet crackers

542 Low sodium crackers

543 Nonsweet crackers

544 Salty snacks from grain products

55 Pancakes, waffles, french toast, other grain products

551 Pancakes

552 Waffles

553 French toast

554 Crepes

555 Flour-water patties

556 Flour-milk patties

557 Rice flour cakes

558 Funnel cakes

56 Pastas, cooked cereals, rice

561 Pastas

562 Cooked cereals, rice

57 Cereals, not cooked or ns as to cooked

570 Cereal, ns as to cooked

571 Ready-to-eat cereals

572 Ready-to-eat cereals

573 Ready-to-eat cereals

574 Ready-to-eat cereals

576 Cereal grains, not cooked

578 Cereals baby food

58 Grain mixtures, frozen plate meals, soups

581 Mixtures, mainly grain, pasta, or bread

582 Mixtures, mainly grain, pasta, or bread

583 Frozen plate meals with grain mixture as major ingredient

584 Soups with grain product as major ingredient

585 Grain mixtures baby food

59 Meat substitutes, mainly cereal protein

590 Meat substitutes, mainly cereal protein

6 Fruits

61 Citrus fruits, juices

611 Citrus fruits

612 Citrus fruit juices

62 Dried fruits

621 Dried fruits

63 Other fruits

631 Fruits, excluding berries

632 Berries

633 Mixtures of two or more fruits

634 Mixtures of fruits and nonfruit items

64 Fruit juices and nectars excluding citrus

641 Fruit juices, excluding citrus

642 Nectars

644 Vinegar

67 Fruits and juices baby food

671 Fruits and fruit mixtures baby food

672 Fruit juice and fruit juice mixtures baby food

673 Fruits with cereal baby food

674 Fruit desserts and fruit-flavored puddings and yogurt baby food

675 Fruits with meat or poultry baby food

7 Vegetables

71 White potatoes and puerto rican starchy vegetables

- 710 White potatoes, nfs
- 711 White potatoes, baked and boiled
- 712 White potatoes, chips and sticks
- 713 White potatoes, creamed, scalloped, au gratin
- 714 White potatoes, fried
- 715 White potatoes, mashed, stuffed, puffs
- 716 Potato salad
- 717 Potato recipes
- 718 Potato soups
- 719 Puerto Rican starchy vegetables

72 Dark-green vegetables

- 721 Dark-green leafy vegetables
- 722 Dark-green nonleafy vegetables
- 723 Dark-green vegetable soups

73 Deep-yellow vegetables

- 731 Carrots
- 732 Pumpkin
- 733 Squash, winter
- 734 Sweetpotatoes
- 735 Deep-yellow vegetable soups

74 Tomatoes and tomato mixtures

741 Tomatoes, raw

742 Tomatoes, cooked

743 Tomato juices

744 Tomato sauces

745 Tomato mixtures

746 Tomato soups

747 Tomato sandwiches

75 Other vegetables

751 Other vegetables, raw

7514 Raw vegetable mixtures

752 Other vegetables, cooked

753 Other vegetable mixtures, cooked

754 Other cooked vegetables, cooked with sauces, batters, casseroles

755 Olives, pickles, relishes (excluding tomatoes)

756 Vegetable soups

76 Vegetables and mixtures mostly vegetables baby food

761 Dark-green vegetables baby food

762 Deep-yellow vegetables baby food

764 Vegetables other than dark-green, deep-yellow, and tomato baby food

765 Vegetables with grain baby food

766 Vegetables with meat baby food

767 Vegetables with liver baby food

768 Vegetable soups baby food

77 Vegetables with meat, poultry, fish

771 White potato with meat, poultry, fish (mixtures)

772 Puerto Rican starchy vegetable (viandas) mixtures

773 Other vegetable mixtures

775 Puerto Rican stews or soups with starchy vegetables (viandas)

8 Fats, oils, and salad dressings

81 Fats

811 Table fats

812 Cooking fats

813 Other fats

82 Oils

821 Vegetable oils

83 Salad dressings

831 Regular salad dressings

832 Low-calorie and reduced calorie salad dressings

9 Sugars, sweets, and beverages

91 Sugars and sweets

911 Sugars and sugar-sugar substitute blends

912 Sugar replacements or substitute

913 Syrups, honey, molasses, sweet toppings

914 Jellies, jams, preserves

915 Gelatin desserts or salads

916 Ices or popsicles

917 Candies

918 Chewing gums

92 Nonalcoholic beverages

921 Coffee

922 Coffee substitutes

923 Tea

924 Soft drinks, carbonated

925 Fruitades and drinks

9252 Fruitades and drinks, low calorie, ns as to vitamin c content

9253 Fruitades and drinks with added vitamin c, ready- to-drink or made from frozen concentrate

9254 Fruit-flavored drinks with added vitamin c, made from powdered mix

9255 Fruitades, drinks, and juice drinks, low calorie

9256 Beverages, low sugar, fruit-flavored, no vitamin c added, ready-to-drink

9257 Beverages, fluid replacement

9258 Beverages, fruit-flavored, fortified

926 Beverages, nonfruit

9265 Beverages, nonfruit, fortified (include energy drinks)

927 Beverages, noncarbonated, without vitamin c, made from powdered mixes

928 Nonalcoholic beers, wines, cocktails

929 Beverage concentrates, dry, not reconstituted

93 Alcoholic beverages

931 Beers and ales

932 Cordials and liqueurs

933 Cocktails

934 Wines

935 Distilled liquors

94 Water as an ingredient

940 Water as an ingredient

APPENDIX B

SAS CODES

SAS Code for General.

```
libname Total "C:\Users\Hrach\Desktop\Gayaneh\NHANES\Total";
libname Price "C:\Users\Hrach\Desktop\Gayaneh\NHANES\Price";


proc import datafile =
"C:\Users\Hrach\Desktop\Gayaneh\NHANES\Total\SizeCodes.xls"
out = dairy_size03 (Keep = ProductModule Size2 Size Description)
replace ;
sheet = 'dairy03';
run;

proc import datafile =
"C:\Users\Hrach\Desktop\Gayaneh\NHANES\Total\SizeCodes.xls"
out = dairy_size04 (Keep = ProductModule Size2 Size Description)
replace ;
sheet = 'dairy04';
run;

proc import datafile =
"C:\Users\Hrach\Desktop\Gayaneh\NHANES\Total\SizeCodes.xls"
out = dg_size03 (Keep = ProductModule Size1 Size Description) replace ;
sheet = 'dg03';
run;

proc import datafile =
"C:\Users\Hrach\Desktop\Gayaneh\NHANES\Total\SizeCodes.xls"
out = dg_size04 (Keep = ProductModule Size1 Size Description) replace ;
sheet = 'dg04';
run;


proc import datafile =
"C:\Users\Hrach\Desktop\Gayaneh\NHANES\Total\SizeCodes.xls"
out = pmf_size03 (Keep = ProductModule Size2 Size Description) replace
;
sheet = 'pmf03';
run;

proc import datafile =
"C:\Users\Hrach\Desktop\Gayaneh\NHANES\Total\SizeCodes.xls"
out = pmf_size04 (Keep = ProductModule Size2 Size Description) replace
;
```

```
sheet = 'pmf04';
run;


proc import datafile =
"C:\Users\Hrach\Desktop\Gayaneh\NHANES\Total\SizeCodes.xls"
out = rw_size03 (Keep = ProductModule Size1 Size Description) replace ;
sheet = 'rw03';
run;

proc import datafile =
"C:\Users\Hrach\Desktop\Gayaneh\NHANES\Total\SizeCodes.xls"
out = rw_size04 (Keep = ProductModule Size1 Size Description) replace ;
sheet = 'rw04';
run;



%macro Nielsen(data01, data02, demo01, demo02, dataSize03, dataSize04,
number, data0102);
data data01;
infile "C:\Users\Hrach\Desktop\Gayaneh\ACN\2001\&data01" missover;
input HouseholdId 1-8 PurchaseDate 9-14 ProductModule  15-18 Brand $
19-24
Size1 $ 25-31 Multi 32-34 UPC 35-46 UPCDescription $ 47-76 Quantity 77-
78
PricePaidDeal 79-83 PricePaidNonDeal 84-88 CouponValue 89-92 Flavor $
93-98
Form $ 99-104 Formula $ 105-110 Container $ 111-116 SaltContent $ 117-
122 Style $ 123-128
Type $ 129-134 Product $ 135-140 Variety $ 141-146 StoreNameIdentifier
$ 147-150
ChannelTypeIdentifier $ 151 ProductGroupIdentifier $ 152-155
DepartmentIdentifier $ 156
Size2 $ 157-163 OrganicClaim $ 164-169 USDAOrganicSeal $ 170-175
StoreZipCode 176-180;

data data02;
infile "C:\Users\Hrach\Desktop\Gayaneh\ACN\2002\&data02" missover;
input HouseholdId 1-8 PurchaseDate 9-14 ProductModule  15-18 Brand $
19-24
Size1 $ 25-31 Multi 32-34 UPC 35-46 UPCDescription $ 47-76 Quantity 77-
78
PricePaidDeal 79-83 PricePaidNonDeal 84-88 CouponValue 89-92 Flavor $
93-98
Form $ 99-104 Formula $ 105-110 Container $ 111-116 SaltContent $ 117-
122 Style $ 123-128
Type $ 129-134 Product $ 135-140 Variety $ 141-146 StoreNameIdentifier
$ 147-150
ChannelTypeIdentifier $ 151 ProductGroupIdentifier $ 152-155
DepartmentIdentifier $ 156
Size2 $ 157-163 OrganicClaim $ 164-169 USDAOrganicSeal $ 170-175
StoreZipCode 176-180;
```

```
data demo01;
infile "C:\Users\Hrach\Desktop\Gayaneh\ACN\2001\&demo01" missover;
input HouseholdId 1-8 HouseholdSize 9 HouseholdIncome 10-11
AgeofFemaleHead 12
AgeofMaleHead 13 AgeandPresenceofChildren 14 MaleHeadEmployment 15
FemaleHeadEmployment 16 MaleHeadEducation 17 FemaleHeadEducation 18
MaritalStatus 19 MaleHeadOccupation 20-21 FemaleHeadOccupation 22-23
HouseholdComposition 24 Race 25 HispanicOrigin 26 Region 27
ScantrackMarketIdentifier 28-29 ProjectionFactor 30-35;

data demo02;
infile "C:\Users\Hrach\Desktop\Gayaneh\ACN\2002\&demo02" missover;
input HouseholdId 1-8 HouseholdSize 9 HouseholdIncome 10-11
AgeofFemaleHead 12
AgeofMaleHead 13 AgeandPresenceofChildren 14 MaleHeadEmployment 15
FemaleHeadEmployment 16 MaleHeadEducation 17 FemaleHeadEducation 18
MaritalStatus 19 MaleHeadOccupation 20-21 FemaleHeadOccupation 22-23
HouseholdComposition 24 Race 25 HispanicOrigin 26 Region 27
ScantrackMarketIdentifier 28-29 ProjectionFactor 30-35;
run;

proc sort data = data01;
by HouseholdId;
run;


data dataM01;
merge data01 demo01;
by HouseholdId;
run;

data dataM02;
merge data02 demo02;
by HouseholdId;
run;

data data0102 ;
set dataM01 dataM02 ;
by HouseholdId;
keep HouseholdId PurchaseDate ProductModule Size1 Multi UPC
UPCDescription Quantity
PricePaidDeal PricePaidNonDeal CouponValue Size2 Region
ProjectionFactor;
run;

data Size1;
set &dataSize03 &dataSize04;
if ProductModule ^=.;
run;

proc sort data = Size1;
by ProductModule size;
run;
```

```
data Size_reduced;
set  Size1;
by ProductModule size;
if first.size;
run;

proc sort data = Size_reduced;
by ProductModule Size&number;
run;

proc sort data = data0102;
by ProductModule Size&number;
run;

data data_with_size;
merge data0102 Size_reduced;
by ProductModule Size&number;
run;

data &data0102;
set data with size;
productsizetxt = substr(Description,8,4);
productsizenumber = substr(Description,1,7);
run;

%mend ;

%Nielsen(dairy01.txt, dairy02.txt, demo01.txt, demo02.txt,
dairy_size03, dairy_size04, 2, Total.dairyM0102 );
%Nielsen(dg01.txt, dg02.txt, demo01.txt, demo02.txt, dg_size03,
dg_size04, 1, Total.dgM0102 );
%Nielsen(Produce01.txt, Produce02.txt, demo01.txt, demo02.txt,
pmf_size03, pmf_size04, 2, Total.pmfM0102 );
%Nielsen(rw01.txt, rw02.txt, demo01.txt, demo02.txt, rw_size03,
rw_size04, 1, Total.rwM0102 );


%macro oldvarnames (infile, outfile);

data &outfile;
set &infile;

rename

UPC = UPC_code
UPCDescription = UPC_description
PricePaidNonDeal = price_paid_non_deal
PricePaidDeal = price_paid_deal
CouponValue = coupon_value
productsizetxt = productSizeType
ProductModule = product_module
ProjectionFactor = Projection
;
```

```
run;

%mend;

%oldvarnames(Total.dairyM0102, price.dairy_ov); /*1,852,350 obs and 48
var read */
%oldvarnames(Total.dgM0102, price.dg_ov);     /*8,681,910 obs and 48
var read */
%oldvarnames(Total.rwM0102, price.rw_ov);     /*3,098,945 obs and 48
var read */
%oldvarnames(Total.PMFM0102, price.fpm_ov);   /* 2,473,171 obs and 48
var read */
run;

%macro All_UPCs (input, output);
PROC SORT DATA=&input; by UPC_code;
data &output;
set &input;
drop size1 size2;
by UPC_code;
if first.UPC_code;
run;

%mend;

%All_UPCs(price.dairy_ov, dairy);
%All_UPCs(price.dg_ov, dg);
%All_UPCs(price.rw_ov, rw);
%All_UPCs(price.fpm_ov,  fpm);


data price.all_UPC0102; /* 321,664 */
set dairy fpm RW DG;
productsizetxt = productSizeType ;
ProductModule = product_module;
UPC = UPC_code;
run;


data price.all_obs_0102  ; /* 16,048,218 */
set price.dairy_ov price.fpm_ov price.RW_ov price.DG_ov ;
productsizetxt = productSizeType ;
ProductModule = product_module;
if UPC_code^=.;
run;
```

SAS Code for Match – Combining Nielsen data with Recipe Data

```
libname Price "C:\Users\Hrach\Desktop\Gayaneh\NHANES\Price";
libname FP "C:\Users\Hrach\Desktop\Gayaneh\NHANES\FP";
libname FP_old "C:\Users\Hrach\Desktop\Gayaneh\NHANES\FP_old";

*Ingredient foods;
proc sql; /* 40,051,449 rows and 11 columns */
create table match_large_upc2 as
 select m.srcode, m.srdesc,
        a.UPC_code,
    a.UPC_description, a.productsizenumber, a.productsizetxt,
      a.Quantity, a.multi, a.price_paid_deal, a.price_paid_non_deal,
      a.projection, a.HouseholdId, a.PurchaseDate, a.Region


        from fp.matchefile01_small_upc3 m
            left join price.all_obs_0102 a

      on m.UPC_code = a.UPC_code;
quit;
run;

data fp_old.match_large_upc2b; /*  40,051,449 rows and 11 vars  */
set match large upc2; /*  40,051,449 rows and 11 vars  */
if Quantity ^=.;
run;

*Commercially prepared foos;
proc sql; /* 24,692,704 obs */
create table match_commercial_large_upc2 as
 select m.foodcode, m.foodname,
        a.UPC_code,
    a.UPC_description, a.productsizenumber, a.productsizetxt,
      a.Quantity, a.multi, a.price_paid_deal, a.price_paid_non_deal,
      a.projection, a.HouseholdId, a.PurchaseDate, a.Region

        from fp.match_commercial_small_upc2 m
            left join price.all_obs_0102 a

      on m.UPC_code = a.UPC_code ;
quit;

data fp_old.match_commercial_large;  /*   24,667,832 obs */
set match_commercial_large_upc2; /* 24,692,704 obs */
if Quantity ^=.;

run;
```

SAS Code for Conversion to Grams

```
libname FP "C:\Users\Hrach\Desktop\Gayaneh\NHANES\FP";
libname FP_old "C:\Users\Hrach\Desktop\Gayaneh\NHANES\FP_old";

%macro convert_to_grams(matchfile, lookup,  outfile);
proc sort data=&lookup; by UPC_code;
proc sort data=&matchfile; by UPC_code;

data &outfile;
merge &matchfile (in=a) &lookup ; by UPC_code;
if a;

*Convert to ounces, fluid ounces and counts;
ounces = .;
fluidoz = .;
count = .;

select (productsizetxt);
      when ("GROZ") do;
            ounces = (productsizenumber*quantity*multi)/1000;
            amount_purchase_g = ounces*28.35;
      end;
      when ("GRPO") do;
            ounces = ((productsizenumber*quantity*multi)/1000)*16;
            amount_purchase_g = ounces*28.35;
      end;
      when ("POUN") do;
            ounces = ((productsizenumber*quantity*multi)/1000)*16;
            amount_purchase_g = ounces*28.35;
      end;
      /*added this one myself*/
      when ("OUNC") do;
            ounces = ((productsizenumber*quantity*multi)/1000);
            amount_purchase_g = ounces*28.35;
      end;
      /**/
      when ("MLOZ") do;
            fluidoz = (productsizenumber*quantity*multi)/1000;
            amount_purchase_g = fluidoz *gm_wgt;
      end;
      when ("MLML") do; /*temp fix--convert ML to fluid oz*/
            fluidoz = ((productsizenumber*quantity*multi)/1000) *
0.025;
            amount_purchase_g = fluidoz *gm_wgt;
      end;
      when ("CTCT", "CT00") do;
            count = (productsizenumber*quantity*multi)/1000;
            amount_purchase_g = count * gm_wgt;
      end;
      when ("MLQU") do;
            mkqu = (productsizenumber*quantity*multi)/1000;
            amount_purchase_g = mkqu * gm_wgt;
```

```
      end;
      otherwise;
end;


label amount_purchase_g = "Amount purchased in grams";

run;

 %mend;



%convert_to_grams(fp_old.match_large_upc2b,
fp.weight_count_floz_05182007, fp_old.match_grams);

data missing;
set fp_old.match_grams;
if amount_purchase_g = .;
run;

proc freq data = missing; /* 32,270 obs: could be missing size too*/
tables productsizetxt;
run;


%convert_to_grams(fp_old.match_commercial_large,
fp.wt_cnt_floz_comm05222007,
fp_old.match_grams_commercial);


data missing_com;
set fp_old.match_grams_commercial;
if amount_purchase_g = .;
run;
```

SAS Code for Macro `avg_price`

```
libname FP "C:\Users\Hrach\Desktop\Gayaneh\NHANES\FP";
libname FP_old "C:\Users\Hrach\Desktop\Gayaneh\NHANES\FP_old";


%macro avg_price(match_file, indiv_price, item, itemdesc, outfile,
low_freq, missing_price);
 *calculate the price paid individually;
 data &indiv_price;
 set &match_file;
expenditure = sum(price paid_deal, price_paid_non_deal);
if amount purchase g ^= .;
if amount_purchase_g ^= 0;

proc sort data=&indiv_price; by &item;

proc means data=&indiv_price noprint;
by &item;
var expenditure amount_purchase_g;
weight projection;
ID &itemdesc;
output out=pp sum = texpenditure t_amount;
run;

data total;
merge pp &indiv_price; by &item;
Avg_price = texpenditure / t_amount;
expenditure = sum(price_paid_deal, price_paid_non_deal);
price_g = expenditure / amount_purchase_g;

drop _type_;
run;

data &outfile;
set  total;
if _freq_ >= 75;
run;

data &low_freq (keep = &item Avg_price);
set  total;
if _freq_ < 75 ;
run;

data &missing_price;
set  total;
if price_g = . ;
run;
%mend;
```

SAS Code for Macro `sstat`

```
%macro sstat(Input_file, unit, Out_file);
/* To find out how many '0' prices are there for considering logging
the price */
* (i)keep only 0s;
data test; /* 25839 obs */
set &Input file ;
if price_g = 0;
run;

* (ii) find the freqs of 0s each fc;
proc freq data = test; /* 513 out of 761 food code have 0 price obs */
by &unit;
tables price_g/ out = Zeros ; /* work.zeros has 513 obs */
run;

data Zero_Pr;
set Zeros; /*513 food codes have 0 prices*/
keep &unit Count;
run;
************************************************************;


* add other sstat about price;
proc means data= &Input_file  noprint mean median min max; /*
24,623,194 obs */
by &unit;
var price_g;
output out = Sstat /* 761 obs */ mean=mean_price median=median_price
min=min_price max=max_price;
run;

data Out_file; /* 761 obs */
merge Sstat Zero_Pr; /* 761 + 513 obs */
by &unit;
drop _type_;
rename _freq_ = Sample_Size;
run;

data &Out_file;
set Out file;
if COUNT = . then Freq_of_zero_prices = 0; else Freq_of_zero_prices =
COUNT;
drop COUNT;
Percent = Freq_of_zero_prices * 100 / Sample_Size;


proc univariate data = &Out_file noprint;
var Percent;
histogram;
run;
```

```
data problem;
set &Out file ;
if Sample Size - Freq_of_zero_prices < 75 then problem = 1; else
problem = 0;
if problem = 1;
run;
%mend;
```

SAS Code for Macro reg

```
%macro reg(input_file, reg_file, unit, Out, NumObs, anovatable, fs,
parms, low_freq, paramet);

data &reg_file;
set &input_file;

if price_g ^= 0;
Avg_nonzero_price = texpenditure / t_amount;
LnP = log(price_g);

if _freq_ >= 75 ;

If region = 1 then East = 1; else East = 0;
If region = 2 then Central = 1; else Central = 0;
If region = 3 then South = 1; else South = 0;
If region = 4 then West = 1; else West = 0;

If PurchaseDate > 11231 then Year2002 = 1; else Year2002 = 0;
If PurchaseDate <= 11231 then Year2001 = 1; else Year2001 = 0;

If 10101 <= PurchaseDate < 10131 or 20101 <= PurchaseDate < 20131
then January = 1; else January = 0;
If 10201 <= PurchaseDate < 10231 or 20201 <= PurchaseDate < 20231
then February = 1; else February = 0;
If 10301 <= PurchaseDate < 10331 or 20301 <= PurchaseDate < 20331
then March = 1; else March = 0;
If 10401 <= PurchaseDate < 10431 or 20401 <= PurchaseDate < 20431
then April = 1; else April = 0;
If 10501 <= PurchaseDate < 10531 or 20501 <= PurchaseDate < 20531
then May = 1; else May = 0;
If 10601 <= PurchaseDate < 10631 or 20601 <= PurchaseDate < 20631
then June = 1; else June = 0;
If 10701 <= PurchaseDate < 10731 or 20701 <= PurchaseDate < 20731
then July = 1; else July = 0;
If 10801 <= PurchaseDate < 10831 or 20801 <= PurchaseDate < 20831
then August = 1; else August = 0;
If 10901 <= PurchaseDate < 10931 or 20901 <= PurchaseDate < 20931
then September = 1; else September = 0;
If 11001 <= PurchaseDate < 11031 or 21001 <= PurchaseDate < 21031
then October = 1; else October = 0;
If 11101 <= PurchaseDate < 11131 or 21101 <= PurchaseDate < 21131
```

```
then November = 1; else November = 0;
If 11201 <= PurchaseDate < 11231 or 21201 <= PurchaseDate < 21231
then December = 1; else December = 0;

run;


proc sort data = &reg_file;
by &unit;
run;

proc reg data = &reg_file ;
by &unit;
weight projection;
model LnP = East Central South
                        Year2002
                        January February  March April May June
                        July August September October November;
output out = &Out p = Price_Hat; /*Create a table of average vs fitted
price*/
*ods output parameterestimates = ComLine.CommParmsW;
ods output  NObs = &NumObs /* Number of Observations */
                  anova = &anovatable /* Analysis of Variance */
                  fitstatistics = &fs /*  Fit Statistics */
                  ParameterEstimates = &Parms /* Parameter Estimates */
                  ;

 RUN;


* Retain the F statistics and their p-value from ANOVA table;
data ANOVA;
set &anovatable;
by &unit ;
if first.&unit ;
keep &unit FValue ProbF;
run;

* Retain R-Square and adj. R-Square from fitstatistics table;
data FitStat1;
set  &fs ;
if Label2 = 'R-Square';
keep &unit cValue2 ;
rename cValue2 = R_Sq;
run;

data FitStat2;
set &fs ;
if Label2 = 'Adj R-Sq';
keep &unit cValue2;
rename cValue2 = Adj_R_Sq;
run;

data FitStat;
```

```
merge FitStat1 FitStat2;
run;

* Retain number of obs from NObs table;
data Num_Obs;
set &NumObs;
keep &unit N;
run;


proc transpose data = &parms out = Parms_Transposed ;
 by &unit;
 var Estimate StdErr tValue Probt;
  run;

data Paramet;
merge Parms_Transposed FitStat2 Num_Obs FitStat ANOVA;
by &unit;
rename COL1 = B_Intercept
            COL2 = B_East
            COL3 = B_Central
            COL4 = B_South
            COL5 = B_Year2002
            COL6 = B_January
            COL7 = B_February
            COL8 = B_March
            COL9 = B_April
            COL10 = B_May
            COL11 = B_June
            COL12 = B_July
            COL13 = B_August
            COL14 = B_September
            COL15 = B_October
            COL16 = B_November;
run;

** Taking care of low freq and singular cases;

data Paramet1;
set Paramet;
if          B Intercept = .
      or B East = .
      or B_Central = .
      or B_South = .
      or B_Year2002 = .
      or B January = .
      or B February = .
      or B_March = .
      or B April = .
      or B May = .
      or B June = .
      or B July = .
      or B_August = .
      or B_September = .
```

```
      or B_October = .
      or B_November = .
then trouble = 1;
else trouble = 0;

proc means data = Paramet1 noprint;
by &unit;
var trouble;
output out = trouble sum = ttrouble;
run;

data Paramet2;
merge Paramet1 trouble;
by &unit;
run;

data Avg_price;
set &reg_file; by &unit;
if first.&unit;
keep &unit Avg_price;
run;

data Paramet3;
merge Paramet2 Avg_price;
by &unit;
if _LABEL_ = 'Parameter Estimate' ;
run;

data Paramet4;
set Paramet3;

if ttrouble > 0 then do;
      B_New_Intercept = Avg_price;
      B_New_East = 0;
      B_New_Central = 0;
      B_New_South = 0;
      B_New_Year2002 = 0;
      B_New_January = 0;
      B_New_February = 0;
      B_New_March = 0;
      B New April = 0;
      B New May = 0;
      B_New_June = 0;
      B_New_July = 0;
      B_New_August = 0;
      B New September = 0;
      B New October = 0;
      B_New_November = 0;
end;
else do;
B_New_Intercept = B_Intercept;
B_New_East = B_East ;
B_New_Central = B_Central;
B_New_South = B_South ;
```

```
B_New_Year2002 = B_Year2002;
B_New_January = B_January;
B_New_February = B_February;
B_New_March = B_March;
B_New_April = B_April;
B_New_May = B_May;
B_New_June = B_June;
B_New_July = B_July;
B_New_August = B_August;
B_New_September = B_September;
B_New_October = B_October;
B_New_November = B_November;
end;
drop B_Intercept B_East  B_Central B_South B_Year2002 B_January
B_February B_March B_April
       B_May B_June B_July B_August B_September B_October B_November
_NAME_ ;
run;

data low_freq;
set &low_freq; by &unit;
if first.&unit;
keep &unit Avg_price;
rename Avg_price = B_New_Intercept;
run;

data paramet;
set Paramet4 low_freq; by &unit ;
if B_New_Intercept = . then Intercept = 0; else Intercept =
B New Intercept ;
if B_New_East = . then East = 0; else East = B_New_East ;
if B_New_Central = . then Central = 0; else Central = B_New_Central;
if B_New_South = . then South = 0; else South = B_New_South ;
if B_New_Year2002 = . then Year2002 = 0; else Year2002 =
B New Year2002;
if B_New_January = . then January = 0; else January = B_New_January;
if B_New_February = . then February = 0; else February =
B_New_February;
if B_New_March = . then March = 0; else March = B_New_March;
if B_New_April = . then April = 0; else April = B_New_April;
if B New May = . then May = 0; else May = B New May;
if B New June = . then June = 0; else June = B New June;
if B_New_July = . then July = 0; else July = B_New_July;
if B_New_August = . then August = 0; else August = B_New_August;
if B_New_September = . then September = 0; else September =
B New September;
if B New October = . then October = 0; else October = B New_October;
if B_New_November = . then November = 0; else November =
B_New_November;


run;

data &paramet;
```

```
set paramet ;
keep  &unit Adj_R_Sq R_Sq N FValue ProbF Intercept East Central South
       Year2002 January February March April May June July August
September
       October November;
run;
%mend;
```

SAS Code for Macro `valid`

```
%macro  valid(In_Est_Price, unit, Out_file, MEAN_Prediction,
REG_Prediction, Prediction);

/* Create a table with average price vs average estimated price. Then
regress average price against the average estimated price and test if
the intercept = 0 and slope = 1
*/

Compare regression imputed prices to average prices (withour 0s);
data In_Est_Price;
set &In_Est_Price;
P_Hat = exp(Price_Hat);
keep &unit P_Hat Avg_nonzero_price;
run;

proc means data = In_Est_Price maxdec=5 noprint;
by &unit;
var P_Hat ;
output out = Out1 sum = TPrice_Hat ;
run;

data Out_Merged;
merge  In_Est_Price Out1;
by &unit;
drop _TYPE_ ;
run;

data &Out_file;
set Out_Merged;
by &unit;
if first.&unit;
Avg_P_hat = TPrice_Hat / _FREQ_ ;
run;

proc reg data = &Out_file ;
model Avg_nonzero_price = Avg_P_hat;
test Avg_P_hat = 1 + intercept = 0;
test Avg_P_hat = 1;
plot Avg_nonzero_price * Avg_P_hat;
```

```
run;


* Out of sample 80/20 validation;

proc surveyselect data = &In_Est_Price out = All rate = .8 outall; /*
24623194 obs and 43 var*/
by &unit;
run;

data All_selected;
set All;
if selected = 0 then price =. ; else price = LnP ;
if selected = 0 then price_gram =.  ; else price_gram = price_g;

run;

/* create average and median price variables */
proc means data = All_selected noprint;
by &unit;
var price_gram;
weight projection;
output out = pp MEAN = Avg_price MEDIAN = Median_price;
run;

data All_selected;
merge pp All_selected; by &unit;
drop _type_;
run;


data Out_Valid_20_mean;
set All_selected;
if selected = 0;
AEmean = abs(price g - Avg price);
APEmean = AEmean * 100 / price_g ;
AEmedian = abs(price g - Median price);
APEmedian = AEmedian * 100 / price_g ;
run;

*MAE;
proc means data = Out_Valid_20_mean mean median  maxdec = 4 noprint;
by &unit;
var AEmean ;
output out = MAE_Prediction1 mean = Avg_AEmean MEDIAN = Median_AEmean;
run;

proc univariate data = MAE_Prediction1;
var Avg_AEmean  Median_AEmean;
histogram;
run;

*MedAE;
proc means data = Out_Valid_20_mean mean median  maxdec = 4 noprint;
```

```
by &unit;
var AEmedian ;
output out = MedAE_Prediction1 mean = Avg_AEmedian MEDIAN =
Median_AEmedian;
run;

proc univariate data = MedAE_Prediction1;
var Avg_AEmedian  Median_AEmedian;
histogram;
run;


*MAPE;
proc means data = Out_Valid_20_mean mean median maxdec = 4 noprint;
by &unit;
var APEmean ;
output out = MAPE_Prediction1 MEAN = Avg_APEmean MEDIAN =
Median_APEmean;
run;

proc univariate data = MAPE_Prediction1;
var Avg_APEmean Median_APEmean;
histogram;
run;

*MedAPE;
proc means data = Out_Valid_20_mean mean median maxdec = 4 noprint;
by &unit;
var APEmedian ;
output out = MedAPE_Prediction1 MEAN = Avg_APEmedian MEDIAN =
Median_APEmedian;
run;

proc univariate data = MedAPE_Prediction1;
var Avg_APEmedian Median_APEmedian;
histogram;
run;

data &MEAN_Prediction;
merge MAE_Prediction1 MedAE_Prediction1 MAPE_Prediction1
MedAPE_Prediction1;
by     &unit;
drop _type_;
run;

**************************   ;

proc reg data = All_selected;
by &unit;
weight projection;
model price =     East Central South
                        Year2002
                        January February  March April May June
                        July August September October November;
```

```
output out = Out_Valid_80 p = Price_Hat_80;
 RUN;


data Out_Valid_20_reg;
set Out Valid 80;
if selected = 0;
P_Hat = exp(Price_Hat_80);
AEreg = abs(price g - P Hat);
APEreg = AEreg * 100 / price_g ;
run;

*MAE;
proc means data = Out_Valid_20_reg mean median  maxdec = 4 noprint;
by &unit;
var AEreg ;
output out = MAE_Prediction2 mean = Avg_AEreg MEDIAN = Median_AEreg;
run;


proc univariate data = MAE_Prediction2;
var Avg_AEreg Median_AEreg;
histogram;
run;


*MAPE;
proc means data = Out_Valid_20_reg mean maxdec = 4 noprint;
by &unit;
var APEreg ;
output out = MAPE_Prediction2 mean = Avg_APEreg MEDIAN = Median_APEreg;
run;

proc univariate data = MAPE_Prediction2;
var Avg_APEreg Median_APEreg;
histogram;
run;


data &REG_Prediction;
merge MAE_Prediction2 MAPE_Prediction2;
by     &unit;
drop _type_;
run;


data &Prediction;
merge &MEAN_Prediction &REG_Prediction;
by     &unit;
run;

%mend;
```

SAS Code for Macro `create_recip_price`

```
%macro create_recip_price(input_file , unit, recip_file, price_recip,
foods_cost /* missing*/);
proc sort data=&input_file; by &unit;
proc sort data=&recip_file; by &unit;

data &price_recip /*&missing*/;
merge &recip_file (in=a) &input_file; by &unit;
if a;
if &unit = 14429 then do;  /*Price of tap water. Isn't needed for comm
foods*/
B_Intercept_100g = 0;
B_East_100g = 0;
B_Central_100g = 0;
B_South_100g = 0;
B_Year2002_100g = 0;
B_January_100g = 0;
B_February_100g = 0;
B_March_100g = 0;
B_April_100g = 0;
B_May_100g = 0;
B_June_100g = 0;
B_July_100g = 0;
B_August_100g = 0;
B_September_100g = 0;
B_October_100g = 0;
B_November_100g = 0;
end;
else do;
B_Intercept_100g = purchase_amt100*Intercept;
B_East_100g = purchase_amt100*East;
B_Central_100g = purchase_amt100*Central;
B_South_100g = purchase_amt100*South;
B_Year2002_100g = purchase_amt100*Year2002;
B_January_100g = purchase_amt100*January;
B_February_100g = purchase_amt100*February;
B_March_100g = purchase_amt100*March;
B_April_100g = purchase_amt100*April;
B_May_100g = purchase_amt100*May;
B_June_100g = purchase_amt100*June;
B_July_100g = purchase_amt100*July;
B_August_100g = purchase_amt100*August;
B_September_100g = purchase_amt100*September;
B_October_100g = purchase_amt100*October;
B_November_100g = purchase_amt100*November;
end;
run;

proc sort data = &price_recip; by foodcode;
```

```
proc means data = &price_recip noprint;
by foodcode;
var B_Intercept_100g B_East_100g B_Central_100g B_South_100g
B_Year2002_100g
      B_January_100g B_February_100g B_March_100g B_April_100g
B_May_100g B_June_100g
      B_July_100g B_August_100g B_September_100g B_October_100g
B_November_100g;
output out = foods_cost
sum(B_Intercept_100g B_East_100g B_Central_100g B_South_100g
B_Year2002_100g
      B_January_100g B_February_100g B_March_100g B_April_100g
B_May_100g B_June_100g
      B_July_100g B_August_100g B_September_100g B_October_100g
B_November_100g)
=
      Intercept_100g East_100g Central_100g South_100g Year2002_100g
      January_100g February_100g March_100g April_100g May_100g
June_100g
      July_100g August_100g September_100g October_100g November_100g ;

ID foodname;
run;

data &foods_cost;
set foods cost;
if Intercept_100g ^= . or Intercept_100g ^= 0;
run;
%mend;
```

SAS Code for Final Execution Code `final price`

```
libname FP "C:\Users\Hrach\Desktop\Gayaneh\NHANES\FP";
libname FP_old "C:\Users\Hrach\Desktop\Gayaneh\NHANES\FP_old";

%avg_price(fp_old.match_grams_commercial, fp_old.commerical_i_price,
foodcode, foodname,
fp_old.comm_fc_price, fp_old.comm_lowFreq_price,
fp_old.commercial_missing_price);
run;

%sstat(fp_old.comm_fc_price, foodcode, FP_old.Commercial_Sstat);
/*problem has 0 obs*/

%reg(fp_old.comm_fc_price, FP_old.commercial_price_var, foodcode,
FP_old.CommOut, NumObsC,
      anovatableC, fsC, ParmsC, fp_old.comm_lowFreq_price,
Fp_old.Paramet_Comm);
```

```
%valid(FP_old.CommOut, foodcode, Valid_Output_Comm, FP_old.APE_Comm,
FP_old.MAPE_Comm);

data commercial_adj;
set fp.commercial_adj;
if foodcode ^= .;
purchase_amt100 = purchase_amt;
run;

%create_recip_price (Fp_old.Paramet_Comm , foodcode, commercial_adj,
                     Fp_old.Comm_recip, FP_old.Comm_foods_cost
/*Comm_missing*/);

run;

*Step 2;

%avg_price(fp_old.match_grams, fp_old.price_paid_indiv, srcode, srdesc,
fp old.price_sr, fp_old.LowFreq_price, fp_old.missing_price_sr);
run;

%sstat(fp_old.price_sr, srcode, FP_old.Ingredient_Sstat); /*problem has
0 obs*/

%reg(fp_old.price_sr, FP_old.price_var, srcode, Fp_old.IngOut, NumObsI,
      anovatableI, fsI, ParmsI, fp_old.LowFreq_price,
Fp_old.Paramet_Ing);

data IngOut;
set Fp old.IngOut;
if srcode in (11203 11591 /*11215*/ 1049 1050 1057 1089 7045 9063 11001
11050 11278 11467 11471 11473 11489
11492 11591 19047 19109 19161 19814 43116 43404 43528 ) then delete;
/*see what happens if kick out outliers*/
run;

%valid(/*FP_old.*/IngOut, srcode, Valid_Output_Ing, FP_old.APE_Ing,
FP_old.MAPE_Ing);


data home_recip;
set fp.amt_purchase;

purchase_amt100 = amt_purchase* 100;
label purchase_amt100 = "grams of ingredients to purchase for 100g of
food";

keep foodcode foodname purchase_ing amt_purchase purchase_amt100;
rename purchase_ing = srcode;
run;

data cnpp_recip;
set fp.cnpp_recip;
```

```
purchase_amt100 = amt_purchase* 100;
label purchase_amt100 = "grams of ingredients to purchase for 100g of
food";

keep foodcode foodname purchase_ing amt_purchase purchase_amt100;
rename purchase_ing = srcode;
run;

proc sort data = fp.proxy_ing2; by srcode; run;

data proxy_ing2 miss_ing;
set fp.proxy_ing2; by srcode;
if first.srcode;
price_100g = price_g*100;
keep srcode Long Desc price 100g;
if price_100g = . then output miss_ing;
else output proxy_ing2;
run;

data Fp_old.proxy_ing2_G;
set proxy_ing2;
Intercept = price_100g;
East = 0;
Central = 0;
South = 0;
Year2002 = 0;
January = 0;
February = 0;
March = 0;
April = 0;
May = 0;
June = 0;
July = 0;
August = 0;
September = 0;
October = 0;
November = 0;
run;

data Fp_old.Paramet_Ing_G;
set Fp_old.Paramet_Ing (keep  = srcode Intercept East Central South
Year2002 January February March April
                                                    May June July August
September October November)
      Fp_old.proxy_ing2_G;
by srcode;
run;

%create_recip_price (Fp_old.Paramet_Ing_G , SRcode, home_recip,
                     Fp_old.ING_recip_home, FP_old.ING_foods_cost_home
Comm_missing);

%create_recip_price (Fp_old.Paramet_Ing_G , SRcode, cnpp_recip,
```

```
                    Fp_old.ING_recip_cnpp, FP_old.ING_foods_cost_cnpp
Comm_missing);

run;

proc sort data = FP_old.ING_foods_cost_home; by foodcode;
proc sort data = FP_old.ING_foods_cost_cnpp; by foodcode;
proc sort data = FP_old.Comm_foods_cost; by foodcode;

data proxy_price_foods0413;
set fp.proxy_price_foods0413;
Intercept_100g = food_cost_100g;
East_100g = 0;
Central_100g = 0;
South_100g = 0;
Year2002_100g = 0;
January_100g = 0;
February_100g = 0;
March_100g = 0;
April_100g = 0;
May_100g = 0;
June_100g = 0;
July_100g = 0;
August_100g = 0;
September_100g = 0;
October_100g = 0;
November_100g = 0;
run;

data proxy_price_foods0510;
set fp.proxy_price_foods0510;
Intercept_100g = food_cost_100g;
East_100g = 0;
Central_100g = 0;
South_100g = 0;
Year2002_100g = 0;
January_100g = 0;
February_100g = 0;
March_100g = 0;
April_100g = 0;
May_100g = 0;
June_100g = 0;
July_100g = 0;
August_100g = 0;
September_100g = 0;
October_100g = 0;
November_100g = 0;
run;

data proxy_price_foods0518 ;
set fp.proxy_price_foods0518 ;
Intercept_100g = cost_100g;
East_100g = 0;
Central_100g = 0;
```

```
South_100g = 0;
Year2002_100g = 0;
January_100g = 0;
February 100g = 0;
March_100g = 0;
April_100g = 0;
May_100g = 0;
June_100g = 0;
July_100g = 0;
August_100g = 0;
September_100g = 0;
October_100g = 0;
November_100g = 0;
run;

data fp_old.FinalPrice0618_2008; /*6802 obs*/
merge FP_old.ING_foods_cost_home /*5602 obs*/
FP_old.ING_foods_cost_cnpp       /*551 obs*/
FP_old.Comm_foods_cost           /*910 obs*/
proxy_price_foods0413            /*73 obs*/
proxy_price_foods0510            /*12 obs*/
proxy_price_foods0518            /*2 obs*/
;
by foodcode;
drop _TYPE_ _FREQ_ proxyfoodcode food_cost_100g food_cost_lb cost_100g;
run;

data FinalPrice0618_2008; /*6772 obs*/
set  fp old.FinalPrice0618_2008; /*6802 obs*/
if Intercept_100g ^= .;

run;
```

APPENDIX C

THE PARAMETER ESTIMATES AND GOODNESS-OF-FIT STATISTICS FOR COMMERCIALLY PREPARED AND INGREDIENT FOODS

Table C.1 Parameter Estimates, Sample Sizes, Goodness-of-Fit Statistics, F-Statistics of Model Fit and Their p-Values for Commercially Prepared Foods

Food Code	N	Adj_R_Sq	R_Sq	F-Value	Prob-F	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
11111150	12					0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11111160	95	0.5886	0.6499	10.61	<.0001	0.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11114200	95	0.5886	0.6499	10.61	<.0001	0.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11114310	701	0.5145	0.5249	50.45	<.0001	-1.62	-0.07	-0.02	-0.16	0.04	-0.03	-0.02	-0.02	-0.03	-0.04	-0.01	-0.01	0.00	0.00	0.00	-0.02
11211400	19646	0.0120	0.0127	16.85	<.0001	-1.65	-0.01	-0.03	-0.07	-0.02	0.01	0.04	0.05	0.03	0.02	0.05	0.03	0.03	0.03	0.00	-0.02
11211500	19646	0.0120	0.0127	16.85	<.0001	-1.65	-0.01	-0.03	-0.07	-0.02	0.01	0.04	0.05	0.03	0.02	0.05	0.03	0.03	0.03	0.00	-0.02
11421000	151	0.2832	0.3548	4.95	<.0001	-1.33	0.14	0.06	0.17	0.04	-0.01	-0.09	0.09	0.06	0.06	0.06	0.08	0.08	-0.05	-0.14	-0.03
11423000	18182	0.1111	0.1118	152.48	<.0001	-1.43	0.18	0.17	-0.05	0.05	-0.12	-0.08	-0.06	-0.07	-0.05	-0.09	-0.06	-0.09	-0.09	-0.09	-0.03
11426000	151	0.2832	0.3548	4.95	<.0001	-1.33	0.14	0.06	0.17	0.04	-0.01	-0.09	0.09	0.06	0.06	0.06	0.08	0.08	-0.05	-0.14	-0.03
11431000	151	0.2832	0.3548	4.95	<.0001	-1.33	0.14	0.06	0.17	0.04	-0.01	-0.09	0.09	0.06	0.06	0.06	0.08	0.08	-0.05	-0.14	-0.03
11433500	18182	0.1111	0.1118	152.48	<.0001	-1.43	0.18	0.17	-0.05	0.05	-0.12	-0.08	-0.06	-0.07	-0.05	-0.09	-0.06	-0.09	-0.09	-0.09	-0.03
11444000	222060	0.0307	0.0307	469.47	<.0001	-1.19	0.05	0.02	-0.09	0.05	-0.06	-0.01	-0.01	-0.02	0.00	-0.02	-0.02	-0.03	-0.04	-0.02	0.00
11445000	114449	0.0348	0.0349	276.19	<.0001	-1.21	0.07	0.04	-0.08	0.08	-0.06	-0.01	0.00	-0.01	0.00	-0.01	-0.03	-0.02	-0.04	-0.02	-0.01
11460000	8383	0.1158	0.1173	74.16	<.0001	-1.02	-0.28	-0.46	-0.63	0.07	-0.03	-0.01	-0.06	-0.07	-0.01	0.03	0.01	-0.02	0.06	0.02	0.01
11460100	434	0.2916	0.3161	12.88	<.0001	-0.78	-0.68	-0.81	-1.04	-0.08	-0.18	-0.22	0.07	0.08	-0.02	-0.08	0.08	0.12	-0.06	-0.10	0.01
11460160	186	0.1477	0.2076	3.47	<.0001	0.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11460170	2817	0.4708	0.4736	168.01	<.0001	-0.59	0.01	-0.96	-1.10	-0.07	-0.01	-0.02	0.02	-0.08	0.03	0.02	0.00	-0.01	0.18	0.01	0.05
11460190	30					0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11460200	22					0.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11460250	8383	0.1158	0.1173	74.16	<.0001	-1.02	-0.28	-0.46	-0.63	0.07	-0.03	-0.01	-0.06	-0.07	-0.01	0.03	0.01	-0.02	0.06	0.02	0.01
11460300	30					0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11460410	30					0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11461000	434	0.2916	0.3161	12.88	<.0001	-0.78	-0.68	-0.81	-1.04	-0.08	-0.18	-0.22	0.07	0.08	-0.02	-0.08	0.08	0.12	-0.06	-0.10	0.01
11461100	8383	0.1158	0.1173	74.16	<.0001	-1.02	-0.28	-0.46	-0.63	0.07	-0.03	-0.01	-0.06	-0.07	-0.01	0.03	0.01	-0.02	0.06	0.02	0.01
11461200	26					0.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11511300	176	0.3809	0.4269	9.28	<.0001	0.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11512000	3639	0.0873	0.0911	24.21	<.0001	-1.80	-0.41	-0.27	-0.31	0.00	-0.04	-0.04	-0.10	0.00	0.02	-0.07	-0.08	-0.05	-0.07	-0.02	-0.07
11541500	144	0.1120	0.2051	2.20	0.0093	-1.63	0.20	0.27	0.19	0.04	-0.17	-0.08	-0.25	-0.09	0.04	-0.01	0.16	0.02	0.02	-0.04	0.05
11541510	801	0.1510	0.1670	10.49	<.0001	-1.20	-0.23	-0.25	-0.18	0.14	-0.04	0.05	-0.04	0.05	-0.01	-0.12	0.07	0.02	-0.05	-0.09	0.04
11830450	2745	0.0218	0.0271	5.07	<.0001	0.17	-0.06	0.05	0.03	0.00	0.04	0.03	0.01	0.02	0.02	0.04	-0.05	0.04	-0.01	-0.02	-0.01
13110000	165303	0.0192	0.0193	217.14	<.0001	-0.97	-0.07	-0.21	-0.15	0.01	-0.07	-0.03	-0.03	0.01	0.00	0.01	0.00	-0.02	0.02	0.00	0.02
13110210	5810	0.0365	0.0390	15.67	<.0001	-1.05	0.12	-0.20	-0.16	-0.05	-0.06	-0.08	-0.05	0.00	0.00	-0.01	-0.07	0.01	0.00	0.00	0.04
13120100	37179	0.0295	0.0299	76.44	<.0001	-0.43	-0.15	-0.08	-0.29	0.01	0.07	0.02	0.02	-0.03	-0.08	-0.08	-0.04	-0.08	-0.02	-0.05	-0.03
13120110	37179	0.0295	0.0299	76.44	<.0001	-0.43	-0.15	-0.08	-0.29	0.01	0.07	0.02	0.02	-0.03	-0.08	-0.08	-0.04	-0.08	-0.02	-0.05	-0.03
13120120	37179	0.0295	0.0299	76.44	<.0001	-0.43	-0.15	-0.08	-0.29	0.01	0.07	0.02	0.02	-0.03	-0.08	-0.08	-0.04	-0.08	-0.02	-0.05	-0.03
13120121	37179	0.0295	0.0299	76.44	<.0001	-0.43	-0.15	-0.08	-0.29	0.01	0.07	0.02	0.02	-0.03	-0.08	-0.08	-0.04	-0.08	-0.02	-0.05	-0.03
13120130	37179	0.0295	0.0299	76.44	<.0001	-0.43	-0.15	-0.08	-0.29	0.01	0.07	0.02	0.02	-0.03	-0.08	-0.08	-0.04	-0.08	-0.02	-0.05	-0.03
13120140	37179	0.0295	0.0299	76.44	<.0001	-0.43	-0.15	-0.08	-0.29	0.01	0.07	0.02	0.02	-0.03	-0.08	-0.08	-0.04	-0.08	-0.02	-0.05	-0.03
13120300	37179	0.0295	0.0299	76.44	<.0001	-0.43	-0.15	-0.08	-0.29	0.01	0.07	0.02	0.02	-0.03	-0.08	-0.08	-0.04	-0.08	-0.02	-0.05	-0.03
13120400	37179	0.0295	0.0299	76.44	<.0001	-0.43	-0.15	-0.08	-0.29	0.01	0.07	0.02	0.02	-0.03	-0.08	-0.08	-0.04	-0.08	-0.02	-0.05	-0.03
13120500	14547	0.0488	0.0497	50.71	<.0001	-0.52	-0.19	-0.21	-0.36	0.11	0.05	0.04	0.08	0.10	0.06	0.03	0.05	0.07	0.10	0.11	0.17
13120550	14547	0.0488	0.0497	50.71	<.0001	-0.52	-0.19	-0.21	-0.36	0.11	0.05	0.04	0.08	0.10	0.06	0.03	0.05	0.07	0.10	0.11	0.17
13120750	1					0.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13120760	9111	0.0778	0.0793	52.24	<.0001	0.05	-0.16	-0.29	-0.23	0.04	0.02	-0.02	0.00	-0.06	-0.07	-0.04	-0.05	-0.06	0.00	0.01	0.00
13120770	1					0.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13120780	9111	0.0778	0.0793	52.24	<.0001	0.05	-0.16	-0.29	-0.23	0.04	0.02	-0.02	0.00	-0.06	-0.07	-0.04	-0.05	-0.06	0.00	0.01	0.00
13130100	29					0.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C.1 Continued

Food Code	N	Adj_R_Sq	R_Sq	F-Value	Prob-F	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
13130310	5					0.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13130610	5					0.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13130630	9111	0.0778	0.0793	52.24	<.0001	0.05	-0.16	-0.29	-0.23	0.04	0.02	-0.02	0.00	-0.06	-0.07	-0.04	-0.05	-0.06	0.00	0.01	0.00
13135000	14547	0.0488	0.0497	50.71	<.0001	-0.52	-0.19	-0.21	-0.36	0.11	0.05	0.04	0.08	0.10	0.06	0.03	0.05	0.07	0.10	0.11	0.17
13140100	37179	0.0295	0.0299	76.44	<.0001	-0.43	-0.15	-0.08	-0.29	0.01	0.07	0.02	0.02	-0.03	-0.08	-0.08	-0.04	-0.08	-0.02	-0.05	-0.03
13140110	37179	0.0295	0.0299	76.44	<.0001	-0.43	-0.15	-0.08	-0.29	0.01	0.07	0.02	0.02	-0.03	-0.08	-0.08	-0.04	-0.08	-0.02	-0.05	-0.03
13140450	9111	0.0778	0.0793	52.24	<.0001	0.05	-0.16	-0.29	-0.23	0.04	0.02	-0.02	0.00	-0.06	-0.07	-0.04	-0.05	-0.06	0.00	0.01	0.00
13140550	9111	0.0778	0.0793	52.24	<.0001	0.05	-0.16	-0.29	-0.23	0.04	0.02	-0.02	0.00	-0.06	-0.07	-0.04	-0.05	-0.06	0.00	0.01	0.00
13140700	17159	0.0361	0.0369	43.78	<.0001	-1.27	-0.09	-0.19	-0.17	0.00	0.03	0.07	0.01	0.02	-0.03	-0.07	-0.12	-0.08	-0.06	0.03	0.06
13140900	17159	0.0361	0.0369	43.78	<.0001	-1.27	-0.09	-0.19	-0.17	0.00	0.03	0.07	0.01	0.02	-0.03	-0.07	-0.12	-0.08	-0.06	0.03	0.06
13142000	151	0.2556	0.3300	4.43	<.0001	-0.44	-0.20	0.05	-0.14	0.27	0.42	0.59	0.53	0.23	0.40	0.47	0.47	0.46	0.26	0.47	0.57
13160150	165303	0.0192	0.0193	217.14	<.0001	-0.97	-0.07	-0.21	-0.15	0.01	-0.07	-0.03	-0.03	0.01	0.00	0.01	0.00	-0.02	0.02	0.00	0.02
13160160	2994	0.0456	0.0503	10.52	<.0001	-1.05	-0.19	-0.21	-0.13	-0.02	0.05	0.03	0.05	0.02	0.03	0.03	0.06	0.07	0.02	0.05	0.03
13161000	2238	0.1626	0.1682	29.95	<.0001	-0.31	-0.34	-0.56	-0.45	-0.09	-0.31	-0.29	-0.17	-0.09	-0.30	-0.19	-0.21	-0.17	-0.10	0.04	-0.11
13161500	2238	0.1626	0.1682	29.95	<.0001	-0.31	-0.34	-0.56	-0.45	-0.09	-0.31	-0.29	-0.17	-0.09	-0.30	-0.19	-0.21	-0.17	-0.10	0.04	-0.11
13161520	2238	0.1626	0.1682	29.95	<.0001	-0.31	-0.34	-0.56	-0.45	-0.09	-0.31	-0.29	-0.17	-0.09	-0.30	-0.19	-0.21	-0.17	-0.10	0.04	-0.11
13161600	2238	0.1626	0.1682	29.95	<.0001	-0.31	-0.34	-0.56	-0.45	-0.09	-0.31	-0.29	-0.17	-0.09	-0.30	-0.19	-0.21	-0.17	-0.10	0.04	-0.11
13210290	460	0.0620	0.0927	3.02	0.0001	-1.38	0.09	-0.08	-0.14	-0.05	-0.18	-0.09	-0.19	-0.07	0.02	-0.01	-0.02	-0.13	-0.05	-0.16	0.07
13230200	178	0.1733	0.2433	3.47	<.0001	-1.47	-0.14	-0.18	-0.55	0.18	-0.21	-0.01	-0.12	-0.11	0.09	0.33	0.00	-0.23	-0.09	0.02	0.22
14102110	6469	0.0108	0.0131	5.71	<.0001	-0.08	-0.06	-0.08	-0.06	0.04	0.03	0.04	0.00	0.02	0.02	0.00	0.04	0.01	0.06	0.06	0.05
14201200	47928	0.1084	0.1086	389.34	<.0001	-0.93	-0.02	-0.23	-0.14	-0.01	-0.04	-0.03	-0.01	-0.02	-0.01	-0.02	0.00	0.00	-0.02	0.00	-0.01
14203020	47928	0.1084	0.1086	389.34	<.0001	-0.93	-0.02	-0.23	-0.14	-0.01	-0.04	-0.03	-0.01	-0.02	-0.01	-0.02	0.00	0.00	-0.02	0.00	-0.01
14204020	54469	0.1037	0.1039	420.93	<.0001	-0.90	-0.01	-0.25	-0.14	0.00	-0.02	-0.02	0.01	0.00	0.01	0.01	0.02	0.01	0.00	0.00	-0.01
14610200	134	0.1107	0.2043	2.18	0.0121	0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14610520	1856	0.0349	0.0427	5.48	<.0001	0.22	0.09	0.05	0.15	-0.02	-0.07	-0.19	0.03	-0.02	-0.15	0.04	-0.10	-0.07	-0.20	-0.02	-0.08
22431000	3205	0.0632	0.0676	15.41	<.0001	-0.80	0.00	-0.22	-0.09	0.05	-0.09	-0.09	-0.10	-0.07	-0.06	0.00	-0.02	-0.08	0.03	-0.04	-0.07
23220030	458	0.2265	0.2518	9.92	<.0001	0.06	-0.58	-0.54	-0.32	-0.02	0.01	-0.13	-0.06	0.02	0.06	0.00	0.00	-0.13	-0.02	0.12	-0.19
24198710	686	0.1787	0.1967	10.94	<.0001	-1.17	0.14	-0.07	-0.13	0.04	0.09	0.10	0.02	0.22	0.10	0.08	0.09	0.17	0.05	0.06	-0.11
24198770	13					0.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25220150	3809	0.0683	0.0719	19.60	<.0001	-0.52	0.11	-0.02	-0.13	0.09	-0.05	-0.06	0.01	-0.07	-0.05	0.00	-0.05	-0.07	-0.06	-0.15	0.06
25220360	1147	0.1344	0.1457	12.86	<.0001	-0.50	0.11	-0.22	-0.18	0.01	-0.19	-0.04	0.08	0.05	-0.06	0.09	-0.02	-0.02	-0.11	-0.14	-0.06
25230610	711	0.0672	0.0869	4.41	<.0001	-0.36	-0.21	-0.03	-0.22	-0.01	-0.07	-0.18	0.11	0.04	-0.08	-0.07	0.00	0.01	-0.10	0.15	-0.11
26100250	17841	0.0228	0.0236	28.71	<.0001	-0.33	0.06	-0.10	-0.09	-0.04	0.06	-0.01	0.00	0.01	0.02	0.01	0.00	0.05	0.05	0.02	0.03
26107150	17841	0.0228	0.0236	28.71	<.0001	-0.33	0.06	-0.10	-0.09	-0.04	0.06	-0.01	0.00	0.01	0.02	0.01	0.00	0.05	0.05	0.02	0.03
26109150	17841	0.0228	0.0236	28.71	<.0001	-0.33	0.06	-0.10	-0.09	-0.04	0.06	-0.01	0.00	0.01	0.02	0.01	0.00	0.05	0.05	0.02	0.03
26115150	17841	0.0228	0.0236	28.71	<.0001	-0.33	0.06	-0.10	-0.09	-0.04	0.06	-0.01	0.00	0.01	0.02	0.01	0.00	0.05	0.05	0.02	0.03
26117150	17841	0.0228	0.0236	28.71	<.0001	-0.33	0.06	-0.10	-0.09	-0.04	0.06	-0.01	0.00	0.01	0.02	0.01	0.00	0.05	0.05	0.02	0.03
26125150	17841	0.0228	0.0236	28.71	<.0001	-0.33	0.06	-0.10	-0.09	-0.04	0.06	-0.01	0.00	0.01	0.02	0.01	0.00	0.05	0.05	0.02	0.03
26127150	17841	0.0228	0.0236	28.71	<.0001	-0.33	0.06	-0.10	-0.09	-0.04	0.06	-0.01	0.00	0.01	0.02	0.01	0.00	0.05	0.05	0.02	0.03
26137150	17841	0.0228	0.0236	28.71	<.0001	-0.33	0.06	-0.10	-0.09	-0.04	0.06	-0.01	0.00	0.01	0.02	0.01	0.00	0.05	0.05	0.02	0.03
26145150	17841	0.0228	0.0236	28.71	<.0001	-0.33	0.06	-0.10	-0.09	-0.04	0.06	-0.01	0.00	0.01	0.02	0.01	0.00	0.05	0.05	0.02	0.03
26151150	17841	0.0228	0.0236	28.71	<.0001	-0.33	0.06	-0.10	-0.09	-0.04	0.06	-0.01	0.00	0.01	0.02	0.01	0.00	0.05	0.05	0.02	0.03
26157150	17841	0.0228	0.0236	28.71	<.0001	-0.33	0.06	-0.10	-0.09	-0.04	0.06	-0.01	0.00	0.01	0.02	0.01	0.00	0.05	0.05	0.02	0.03
26311150	17841	0.0228	0.0236	28.71	<.0001	-0.33	0.06	-0.10	-0.09	-0.04	0.06	-0.01	0.00	0.01	0.02	0.01	0.00	0.05	0.05	0.02	0.03
27150200	307	0.1571	0.1985	4.80	<.0001	-1.02	0.04	0.16	0.42	-0.03	0.32	0.26	0.33	0.15	0.02	0.35	-0.06	0.15	0.37	0.03	0.40
28101000	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28110000	89	0.1933	0.3308	2.41	0.0069	-0.62	0.01	0.25	-0.31	-0.15	0.39	-0.13	0.17	0.32	0.38	0.24	0.10	0.00	-0.04	0.28	0.35
28110110	89	0.1933	0.3308	2.41	0.0069	-0.62	0.01	0.25	-0.31	-0.15	0.39	-0.13	0.17	0.32	0.38	0.24	0.10	0.00	-0.04	0.28	0.35
28110120	89	0.1933	0.3308	2.41	0.0069	-0.62	0.01	0.25	-0.31	-0.15	0.39	-0.13	0.17	0.32	0.38	0.24	0.10	0.00	-0.04	0.28	0.35
28110150	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28110200	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28110220	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28110230	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28110250	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00

Table C.1 Continued

Food Code	N	Adj_R_Sq	R_Sq	F-Value	Prob-F	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
28110260	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28110270	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28110280	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28110290	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28110300	100	0.1533	0.2645	2.38	0.0089	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28110310	100	0.1533	0.2645	2.38	0.0089	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28110330	100	0.1533	0.2645	2.38	0.0089	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28110340	100	0.1533	0.2645	2.38	0.0089	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28110350	100	0.1533	0.2645	2.38	0.0089	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28110370	100	0.1533	0.2645	2.38	0.0089	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28110380	100	0.1533	0.2645	2.38	0.0089	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28110390	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28110410	100	0.1533	0.2645	2.38	0.0089	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28110500	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28110510	89	0.1933	0.3308	2.41	0.0069	-0.62	0.01	0.25	-0.31	-0.15	0.39	-0.13	0.17	0.32	0.38	0.24	0.10	0.00	-0.04	0.28	0.35
28110520	89	0.1933	0.3308	2.41	0.0069	-0.62	0.01	0.25	-0.31	-0.15	0.39	-0.13	0.17	0.32	0.38	0.24	0.10	0.00	-0.04	0.28	0.35
28110530	89	0.1933	0.3308	2.41	0.0069	-0.62	0.01	0.25	-0.31	-0.15	0.39	-0.13	0.17	0.32	0.38	0.24	0.10	0.00	-0.04	0.28	0.35
28110540	89	0.1933	0.3308	2.41	0.0069	-0.62	0.01	0.25	-0.31	-0.15	0.39	-0.13	0.17	0.32	0.38	0.24	0.10	0.00	-0.04	0.28	0.35
28110550	89	0.1933	0.3308	2.41	0.0069	-0.62	0.01	0.25	-0.31	-0.15	0.39	-0.13	0.17	0.32	0.38	0.24	0.10	0.00	-0.04	0.28	0.35
28110600	89	0.1933	0.3308	2.41	0.0069	-0.62	0.01	0.25	-0.31	-0.15	0.39	-0.13	0.17	0.32	0.38	0.24	0.10	0.00	-0.04	0.28	0.35
28110620	89	0.1933	0.3308	2.41	0.0069	-0.62	0.01	0.25	-0.31	-0.15	0.39	-0.13	0.17	0.32	0.38	0.24	0.10	0.00	-0.04	0.28	0.35
28110640	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28110650	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28110660	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28111010	89	0.1933	0.3308	2.41	0.0069	-0.62	0.01	0.25	-0.31	-0.15	0.39	-0.13	0.17	0.32	0.38	0.24	0.10	0.00	-0.04	0.28	0.35
28113010	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28113040	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28113050	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28113110	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28113140	89	0.1933	0.3308	2.41	0.0069	-0.62	0.01	0.25	-0.31	-0.15	0.39	-0.13	0.17	0.32	0.38	0.24	0.10	0.00	-0.04	0.28	0.35
28113150	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28113160	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28113180	89	0.1933	0.3308	2.41	0.0069	-0.62	0.01	0.25	-0.31	-0.15	0.39	-0.13	0.17	0.32	0.38	0.24	0.10	0.00	-0.04	0.28	0.35
28116050	9279	0.0493	0.0508	33.06	<.0001	-0.98	0.06	-0.08	-0.11	0.01	-0.01	0.04	0.02	-0.04	-0.01	-0.02	0.00	-0.02	-0.01	-0.04	-0.02
28120210	169714	0.0171	0.0172	197.49	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28120230	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28120310	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28122100	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28130000	998	0.1055	0.1189	8.84	<.0001	-0.36	-0.08	-0.05	-0.05	0.00	-0.06	-0.31	-0.11	-0.24	-0.11	-0.15	-0.13	-0.04	-0.17	-0.11	-0.13
28133110	998	0.1055	0.1189	8.84	<.0001	-0.36	-0.08	-0.05	-0.05	0.00	-0.06	-0.31	-0.11	-0.24	-0.11	-0.15	-0.13	-0.04	-0.17	-0.11	-0.13
28133210	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28133220	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28133240	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28133310	998	0.1055	0.1189	8.84	<.0001	-0.36	-0.08	-0.05	-0.05	0.00	-0.06	-0.31	-0.11	-0.24	-0.11	-0.15	-0.13	-0.04	-0.17	-0.11	-0.13
28133340	998	0.1055	0.1189	8.84	<.0001	-0.36	-0.08	-0.05	-0.05	0.00	-0.06	-0.31	-0.11	-0.24	-0.11	-0.15	-0.13	-0.04	-0.17	-0.11	-0.13
28133360	998	0.1055	0.1189	8.84	<.0001	-0.36	-0.08	-0.05	-0.05	0.00	-0.06	-0.31	-0.11	-0.24	-0.11	-0.15	-0.13	-0.04	-0.17	-0.11	-0.13
28133380	998	0.1055	0.1189	8.84	<.0001	-0.36	-0.08	-0.05	-0.05	0.00	-0.06	-0.31	-0.11	-0.24	-0.11	-0.15	-0.13	-0.04	-0.17	-0.11	-0.13
28133410	998	0.1055	0.1189	8.84	<.0001	-0.36	-0.08	-0.05	-0.05	0.00	-0.06	-0.31	-0.11	-0.24	-0.11	-0.15	-0.13	-0.04	-0.17	-0.11	-0.13
28140100	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28140150	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28140210	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28140250	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28140320	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28140610	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04

Table C.1 Continued

Food Code	N	Adj_R_Sq	R_Sq	F-Value	Prob-F	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
28140620	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28140710	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28140720	109	0.3815	0.4674	5.44	<.0001	-0.68	0.23	0.07	0.12	0.00	-0.16	-0.20	-0.16	-0.16	-0.06	-0.03	-0.21	-0.10	-0.12	-0.14	-0.18
28140730	109	0.3815	0.4674	5.44	<.0001	-0.68	0.23	0.07	0.12	0.00	-0.16	-0.20	-0.16	-0.16	-0.06	-0.03	-0.21	-0.10	-0.12	-0.14	-0.18
28140740	109	0.3815	0.4674	5.44	<.0001	-0.68	0.23	0.07	0.12	0.00	-0.16	-0.20	-0.16	-0.16	-0.06	-0.03	-0.21	-0.10	-0.12	-0.14	-0.18
28140810	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28140830	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28140910	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28140920	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28141010	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28141050	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28141060	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28141200	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28141210	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28141250	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28141300	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28141600	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28141610	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28141620	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28141630	183	0.1441	0.2146	3.04	0.0002	-0.26	0.10	0.12	-0.03	-0.17	-0.06	0.23	-0.06	-0.06	0.12	0.09	0.05	0.16	0.12	-0.03	-0.01
28141640	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28141650	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28142000	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28143010	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28143020	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28143040	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28143050	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28143080	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28143110	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28143130	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28143150	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28143170	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28143180	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28143190	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28143200	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28143210	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28143220	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28144100	6829	0.0393	0.0414	19.64	<.0001	-0.58	-0.03	-0.17	-0.03	-0.05	0.04	0.01	0.05	0.07	0.04	0.03	0.03	0.04	0.02	0.01	0.04
28145000	1163	0.0579	0.0701	5.76	<.0001	-0.52	-0.01	-0.18	-0.12	0.01	-0.02	-0.04	0.06	0.00	-0.03	0.05	0.04	0.10	0.00	-0.03	0.09
28145010	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28145020	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28145100	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28145110	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28145120	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28145210	1163	0.0579	0.0701	5.76	<.0001	-0.52	-0.01	-0.18	-0.12	0.01	-0.02	-0.04	0.06	0.00	-0.03	0.05	0.04	0.10	0.00	-0.03	0.09
28145310	1163	0.0579	0.0701	5.76	<.0001	-0.52	-0.01	-0.18	-0.12	0.01	-0.02	-0.04	0.06	0.00	-0.03	0.05	0.04	0.10	0.00	-0.03	0.09
28145410	1163	0.0579	0.0701	5.76	<.0001	-0.52	-0.01	-0.18	-0.12	0.01	-0.02	-0.04	0.06	0.00	-0.03	0.05	0.04	0.10	0.00	-0.03	0.09
28145710	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28145810	1163	0.0579	0.0701	5.76	<.0001	-0.52	-0.01	-0.18	-0.12	0.01	-0.02	-0.04	0.06	0.00	-0.03	0.05	0.04	0.10	0.00	-0.03	0.09
28150000	1040	0.0633	0.0769	5.68	<.0001	-0.13	0.01	0.03	-0.09	0.01	-0.06	-0.01	-0.02	-0.02	0.01	0.01	0.01	-0.03	0.06	0.06	-0.04
28150050	1040	0.0633	0.0769	5.68	<.0001	-0.13	0.01	0.03	-0.09	0.01	-0.06	-0.01	-0.02	-0.02	0.01	0.01	0.01	-0.03	0.06	0.06	-0.04
28150110	363	0.0807	0.1188	3.12	<.0001	-0.15	-0.12	-0.14	-0.11	0.01	0.00	-0.04	-0.06	0.01	-0.08	-0.07	-0.05	-0.07	-0.09	-0.19	0.00
28150120	363	0.0807	0.1188	3.12	<.0001	-0.15	-0.12	-0.14	-0.11	0.01	0.00	-0.04	-0.06	0.01	-0.08	-0.07	-0.05	-0.07	-0.09	-0.19	0.00
28150210	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00

Table C.1 Continued

Food Code	N	Adj_R_Sq	R_Sq	F-Value	Prob-F	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
28150220	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28150230	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28150240	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28150350	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28150360	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28150370	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28150410	363	0.0807	0.1188	3.12	<.0001	-0.15	-0.12	-0.14	-0.11	0.01	0.00	-0.04	-0.06	0.01	-0.08	-0.07	-0.05	-0.07	-0.09	-0.19	0.00
28150510	1040	0.0633	0.0769	5.68	<.0001	-0.13	0.01	0.03	-0.09	0.01	-0.06	-0.01	-0.02	-0.02	0.01	0.01	0.01	-0.03	0.06	0.06	-0.04
28150610	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28150620	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28150650	1040	0.0633	0.0769	5.68	<.0001	-0.13	0.01	0.03	-0.09	0.01	-0.06	-0.01	-0.02	-0.02	0.01	0.01	0.01	-0.03	0.06	0.06	-0.04
28150810	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28150910	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28151010	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28151030	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28152010	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28152030	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28152050	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28153010	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28153050	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28154010	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28160300	1852	0.0429	0.0506	6.53	<.0001	-0.36	-0.03	-0.02	-0.12	-0.02	0.10	-0.08	-0.01	-0.05	0.02	0.00	0.04	-0.06	-0.02	0.00	0.00
28160310	1852	0.0429	0.0506	6.53	<.0001	-0.36	-0.03	-0.02	-0.12	-0.02	0.10	-0.08	-0.01	-0.05	0.02	0.00	0.04	-0.06	-0.02	0.00	0.00
28160410	1852	0.0429	0.0506	6.53	<.0001	-0.36	-0.03	-0.02	-0.12	-0.02	0.10	-0.08	-0.01	-0.05	0.02	0.00	0.04	-0.06	-0.02	0.00	0.00
28160510	1852	0.0429	0.0506	6.53	<.0001	-0.36	-0.03	-0.02	-0.12	-0.02	0.10	-0.08	-0.01	-0.05	0.02	0.00	0.04	-0.06	-0.02	0.00	0.00
28160650	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28160660	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28160710	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28160810	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28160910	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
28355140	8					0.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35001000	846	0.0888	0.1050	6.49	<.0001	-0.10	0.03	-0.07	-0.09	-0.06	0.15	0.05	0.01	0.14	0.02	-0.01	0.07	0.09	0.03	0.05	0.04
35002000	26118	0.0331	0.0337	60.64	<.0001	-0.10	0.04	0.02	-0.05	-0.13	0.08	0.06	0.03	0.03	0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.03
35003000	24					0.70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41205010	14362	0.0634	0.0643	65.76	<.0001	-1.76	0.22	0.08	-0.07	0.05	-0.01	-0.03	-0.01	-0.05	-0.07	0.02	0.01	0.01	0.01	-0.01	0.00
41421010	54469	0.1037	0.1039	420.93	<.0001	-0.90	-0.01	-0.25	-0.14	0.00	-0.02	-0.02	0.01	0.00	0.01	0.01	0.02	0.01	0.00	0.00	-0.01
41480000	170	0.1285	0.2059	2.66	0.0013	-0.48	0.03	-0.13	-0.05	-0.08	0.13	0.12	0.10	0.05	0.06	0.06	0.10	0.03	-0.03	-0.07	0.05
41480010	170	0.1285	0.2059	2.66	0.0013	-0.48	0.03	-0.13	-0.05	-0.08	0.13	0.12	0.10	0.05	0.06	0.06	0.10	0.03	-0.03	-0.07	0.05
41501000	8					0.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41502000	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
41601110	356	0.2821	0.3124	10.30	<.0001	-1.55	0.33	0.38	0.29	-0.06	0.12	0.02	0.23	0.20	0.20	0.18	0.07	0.28	-0.01	0.09	0.07
42101350	112	0.3899	0.4724	5.73	<.0001	0.27	0.36	0.59	0.29	-0.10	-0.47	-0.73	-0.33	-0.45	-0.58	-0.34	-0.07	-0.50	-0.21	-0.57	-0.24
42104500	246	0.2193	0.2671	5.59	<.0001	0.74	0.12	0.15	0.13	-0.14	0.04	0.06	0.11	0.04	0.10	0.01	0.01	0.03	-0.03	-0.24	0.09
42110000	11847	0.0068	0.0080	6.37	<.0001	-0.12	0.00	-0.06	-0.03	-0.01	0.01	0.03	0.03	-0.01	0.01	0.01	0.01	-0.02	-0.03	0.00	-0.02
42110300	131	0.2796	0.3627	4.36	<.0001	-0.39	0.01	-0.05	-0.24	0.32	0.36	0.49	0.44	0.09	0.32	0.06	0.06	0.32	0.18	0.12	-0.02
42110500	462	0.0644	0.0948	3.11	<.0001	-0.77	0.01	-0.06	0.03	-0.09	-0.18	0.22	-0.11	-0.13	0.01	-0.03	0.19	0.03	-0.09	0.06	0.03
42111500	3809	0.0309	0.0347	9.09	<.0001	-0.44	-0.15	-0.10	-0.08	-0.07	0.07	0.05	0.07	0.10	0.14	0.07	0.03	0.06	0.10	0.00	0.03
42114130	4304	0.0172	0.0206	6.02	<.0001	-0.39	0.05	-0.04	0.04	0.05	-0.04	-0.01	-0.03	0.00	0.01	-0.01	0.04	-0.06	-0.04	0.01	-0.04
42116100	501	0.1722	0.1971	7.94	<.0001	0.44	-0.29	-0.27	-0.46	-0.08	-0.05	-0.02	-0.24	-0.25	-0.03	0.15	0.26	-0.01	0.09	0.02	-0.05
42202200	50158	0.0408	0.0411	143.17	<.0001	-0.93	-0.14	-0.15	-0.15	-0.01	0.00	0.01	0.02	0.02	0.02	0.03	0.03	0.00	0.02	0.01	0.01
42203000	449	0.1929	0.2199	8.14	<.0001	-0.52	-0.27	-0.20	-0.33	0.06	0.01	-0.02	-0.09	-0.02	-0.13	-0.11	-0.04	-0.04	-0.08	-0.06	-0.02
43107000	1055	0.0416	0.0553	4.05	<.0001	0.36	0.02	-0.04	-0.07	0.09	-0.13	-0.26	-0.20	-0.18	-0.12	-0.15	-0.11	-0.19	-0.10	-0.21	-0.16
44202000	17					0.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51000180	414939	0.0167	0.0168	471.23	<.0001	-1.35	0.01	-0.13	-0.14	0.01	-0.03	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.02	-0.01	-0.02	-0.03

Table C.1 Continued

Food Code	N	Adj_R_Sq	R_Sq	F-Value	Prob-F	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
51000190	414939	0.0167	0.0168	471.23	<.0001	-1.35	0.01	-0.13	-0.14	0.01	-0.03	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.02	-0.01	-0.02	-0.03
51000250	46326	0.0158	0.0161	50.48	<.0001	-0.91	-0.03	-0.01	-0.04	0.03	0.07	0.07	0.06	0.03	0.07	0.08	0.05	0.08	0.08	0.10	-0.07
51000260	46326	0.0158	0.0161	50.48	<.0001	-0.91	-0.03	-0.01	-0.04	0.03	0.07	0.07	0.06	0.03	0.07	0.08	0.05	0.08	0.08	0.10	-0.07
51000400	2318	0.1099	0.1157	20.08	<.0001	-3.67	0.22	0.13	0.06	0.39	0.06	0.09	0.03	0.03	-0.05	0.05	-0.04	0.07	0.01	0.12	-0.05
51101050	165767	0.0161	0.0162	182.19	<.0001	-1.51	-0.05	-0.18	-0.14	0.00	-0.02	-0.01	0.00	-0.01	-0.01	-0.02	-0.01	-0.01	-0.01	-0.02	-0.02
51101060	165767	0.0161	0.0162	182.19	<.0001	-1.51	-0.05	-0.18	-0.14	0.00	-0.02	-0.01	0.00	-0.01	-0.01	-0.02	-0.01	-0.01	-0.01	-0.02	-0.02
51102010	105428	0.0138	0.0140	99.43	<.0001	-1.54	0.18	0.07	0.09	-0.02	-0.01	0.00	0.00	0.00	0.01	0.02	0.01	0.01	0.01	0.00	-0.01
51102020	105428	0.0138	0.0140	99.43	<.0001	-1.54	0.18	0.07	0.09	-0.02	-0.01	0.00	0.00	0.00	0.01	0.02	0.01	0.01	0.01	0.00	-0.01
51105010	112	0.1072	0.2117	2.03	0.0262	0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51106200	1291	0.0789	0.0896	8.36	<.0001	-1.43	0.44	0.41	0.57	-0.05	-0.02	-0.07	0.07	-0.04	0.07	0.00	-0.01	-0.15	0.07	0.03	-0.03
51106300	1291	0.0789	0.0896	8.36	<.0001	-1.43	0.44	0.41	0.57	-0.05	-0.02	-0.07	0.07	-0.04	0.07	0.00	-0.01	-0.15	0.07	0.03	-0.03
51108010	135	0.2420	0.3268	3.85	<.0001	-0.48	0.06	-0.10	-0.07	0.11	-0.07	0.24	0.26	0.08	0.03	0.41	0.18	0.01	0.20	0.05	-0.15
51109150	165933	0.0162	0.0163	183.45	<.0001	-1.51	-0.05	-0.18	-0.14	0.00	-0.02	-0.01	0.00	-0.01	-0.01	-0.02	-0.01	-0.01	-0.01	-0.02	-0.02
51111010	763	0.0685	0.0869	4.74	<.0001	-0.87	0.26	0.08	-0.02	-0.06	0.21	0.12	0.15	0.24	-0.15	0.20	0.11	0.08	0.17	-0.01	0.17
51115010	56					0.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51115020	275	0.2774	0.3170	8.01	<.0001	-1.00	0.48	-0.18	-0.13	-0.24	0.03	-0.05	0.17	-0.04	-0.11	0.02	-0.04	0.08	-0.15	0.18	-0.04
51119100	137	0.3197	0.3948	5.26	<.0001	-0.67	-0.42	-0.61	-0.65	0.16	0.38	-0.46	-0.51	0.39	0.00	-0.04	0.07	-0.06	0.00	-0.11	0.12
51119110	137	0.3197	0.3948	5.26	<.0001	-0.67	-0.42	-0.61	-0.65	0.16	0.38	-0.46	-0.51	0.39	0.00	-0.04	0.07	-0.06	0.00	-0.11	0.12
51121010	2993	0.0244	0.0293	5.98	<.0001	-0.71	-0.09	-0.08	0.00	0.05	-0.05	-0.09	-0.07	-0.01	-0.04	0.01	0.01	-0.09	0.06	0.11	0.03
51121110	895	0.1630	0.1771	12.61	<.0001	-0.89	-0.45	0.00	-0.22	0.22	-0.17	-0.18	-0.08	-0.12	-0.11	-0.05	-0.10	-0.23	-0.01	0.23	-0.10
51122050	167969	0.0158	0.0159	181.06	<.0001	-1.51	-0.06	-0.18	-0.14	0.00	-0.02	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02
51122100	167969	0.0158	0.0159	181.06	<.0001	-1.51	-0.06	-0.18	-0.14	0.00	-0.02	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02
51122110	1291	0.0789	0.0896	8.36	<.0001	-1.43	0.44	0.41	0.57	-0.05	-0.02	-0.07	0.07	-0.04	0.07	0.00	-0.01	-0.15	0.07	0.03	-0.03
51122300	165767	0.0161	0.0162	182.19	<.0001	-1.51	-0.05	-0.18	-0.14	0.00	-0.02	-0.01	0.00	-0.01	-0.01	-0.02	-0.01	-0.01	-0.01	-0.02	-0.02
51126010	13557	0.0192	0.0203	18.68	<.0001	-1.30	0.10	0.14	0.08	0.00	0.00	-0.01	-0.01	0.02	0.01	0.02	-0.01	0.03	0.00	0.00	-0.01
51134000	1978	0.3103	0.3155	60.30	<.0001	-1.34	-0.01	-0.58	-0.16	-0.04	-0.06	-0.03	-0.01	-0.03	0.00	-0.05	0.04	-0.02	-0.07	0.03	0.02
51135000	7					0.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51140100	35758	0.0225	0.0230	55.97	<.0001	-0.48	-0.15	-0.19	-0.14	-0.02	-0.01	-0.03	-0.04	0.00	0.00	-0.03	0.00	0.00	-0.02	0.00	-0.02
51150000	2318	0.1099	0.1157	20.08	<.0001	-3.67	0.22	0.13	0.06	0.39	0.06	0.09	0.03	0.03	-0.05	0.05	-0.04	0.07	0.01	0.12	-0.05
51151060	6667	0.0317	0.0338	15.53	<.0001	-1.06	0.01	0.11	0.12	0.07	0.04	0.04	0.04	0.02	0.06	0.00	0.08	0.06	0.05	0.09	-0.06
51154600	9					1.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51156500	17					0.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51158100	2318	0.1099	0.1157	20.08	<.0001	-3.67	0.22	0.13	0.06	0.39	0.06	0.09	0.03	0.03	-0.05	0.05	-0.04	0.07	0.01	0.12	-0.05
51160110	3421	0.2016	0.2051	58.55	<.0001	-0.37	-0.30	-0.61	-0.50	0.06	-0.03	-0.06	-0.06	-0.04	-0.02	0.01	-0.03	-0.02	-0.03	-0.02	0.02
51161000	3421	0.2016	0.2051	58.55	<.0001	-0.37	-0.30	-0.61	-0.50	0.06	-0.03	-0.06	-0.06	-0.04	-0.02	0.01	-0.03	-0.02	-0.03	-0.02	0.02
51161020	3421	0.2016	0.2051	58.55	<.0001	-0.37	-0.30	-0.61	-0.50	0.06	-0.03	-0.06	-0.06	-0.04	-0.02	0.01	-0.03	-0.02	-0.03	-0.02	0.02
51161030	3421	0.2016	0.2051	58.55	<.0001	-0.37	-0.30	-0.61	-0.50	0.06	-0.03	-0.06	-0.06	-0.04	-0.02	0.01	-0.03	-0.02	-0.03	-0.02	0.02
51161050	3421	0.2016	0.2051	58.55	<.0001	-0.37	-0.30	-0.61	-0.50	0.06	-0.03	-0.06	-0.06	-0.04	-0.02	0.01	-0.03	-0.02	-0.03	-0.02	0.02
51161070	3421	0.2016	0.2051	58.55	<.0001	-0.37	-0.30	-0.61	-0.50	0.06	-0.03	-0.06	-0.06	-0.04	-0.02	0.01	-0.03	-0.02	-0.03	-0.02	0.02
51161100	3421	0.2016	0.2051	58.55	<.0001	-0.37	-0.30	-0.61	-0.50	0.06	-0.03	-0.06	-0.06	-0.04	-0.02	0.01	-0.03	-0.02	-0.03	-0.02	0.02
51161150	3421	0.2016	0.2051	58.55	<.0001	-0.37	-0.30	-0.61	-0.50	0.06	-0.03	-0.06	-0.06	-0.04	-0.02	0.01	-0.03	-0.02	-0.03	-0.02	0.02
51161200	3421	0.2016	0.2051	58.55	<.0001	-0.37	-0.30	-0.61	-0.50	0.06	-0.03	-0.06	-0.06	-0.04	-0.02	0.01	-0.03	-0.02	-0.03	-0.02	0.02
51161250	2168	0.1765	0.1822	31.96	<.0001	-0.55	0.35	0.32	0.37	0.06	0.01	-0.11	-0.11	-0.02	-0.14	-0.14	-0.09	-0.07	-0.14	-0.05	0.01
51161260	2168	0.1765	0.1822	31.96	<.0001	-0.55	0.35	0.32	0.37	0.06	0.01	-0.11	-0.11	-0.02	-0.14	-0.14	-0.09	-0.07	-0.14	-0.05	0.01
51161270	2168	0.1765	0.1822	31.96	<.0001	-0.55	0.35	0.32	0.37	0.06	0.01	-0.11	-0.11	-0.02	-0.14	-0.14	-0.09	-0.07	-0.14	-0.05	0.01
51161280	5					0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51165060	6931	0.0221	0.0242	11.43	<.0001	-0.44	0.00	-0.07	-0.10	0.05	-0.06	-0.11	-0.07	-0.07	-0.06	-0.09	-0.05	-0.09	-0.09	-0.05	0.01
51165100	6972	0.0221	0.0242	11.50	<.0001	-0.44	0.00	-0.07	-0.11	0.04	-0.07	-0.10	-0.07	-0.07	-0.05	-0.08	-0.05	-0.09	-0.08	-0.06	0.01
51166200	1192	0.0713	0.0830	7.10	<.0001	-0.36	0.05	0.47	0.10	0.03	-0.04	0.01	-0.24	0.06	-0.25	-0.02	0.09	0.07	0.02	0.16	0.04
51166500	1192	0.0713	0.0830	7.10	<.0001	-0.36	0.05	0.47	0.10	0.03	-0.04	0.01	-0.24	0.06	-0.25	-0.02	0.09	0.07	0.02	0.16	0.04
51166700	1192	0.0713	0.0830	7.10	<.0001	-0.36	0.05	0.47	0.10	0.03	-0.04	0.01	-0.24	0.06	-0.25	-0.02	0.09	0.07	0.02	0.16	0.04
51167000	41					0.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51168000	6931	0.0221	0.0242	11.43	<.0001	-0.44	0.00	-0.07	-0.10	0.05	-0.06	-0.11	-0.07	-0.07	-0.06	-0.09	-0.05	-0.09	-0.09	-0.05	0.01
51180080	30964	0.0284	0.0288	61.27	<.0001	-0.96	-0.16	-0.15	-0.05	-0.03	0.01	0.02	0.02	0.03	0.05	0.01	0.00	0.02	0.01	-0.01	-0.02

Table C.1 Continued

Food Code	N	Adj_R_Sq	R_Sq	F-Value	Prob-F	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
51180090	1685	0.0269	0.0355	4.10	<.0001	-2.82	0.05	0.06	-0.05	-0.01	0.09	-0.13	0.01	0.09	0.03	-0.08	-0.04	-0.08	-0.04	-0.12	-0.26
51182020	1111	0.1354	0.1471	12.59	<.0001	-0.32	-0.19	-0.35	-0.49	0.03	-0.10	-0.23	-0.16	-0.19	-0.15	-0.24	-0.08	-0.10	-0.08	-0.19	-0.23
51184010	1856	0.0790	0.0864	11.60	<.0001	0.14	-0.10	-0.01	-0.01	0.04	0.02	-0.09	-0.09	-0.19	0.00	-0.08	-0.16	-0.08	-0.39	-0.11	0.00
51184030	22513	0.0274	0.0280	43.28	<.0001	-1.02	0.10	-0.01	0.23	-0.03	-0.02	-0.03	0.01	-0.01	0.03	0.00	0.00	-0.01	-0.01	0.01	0.00
51184100	1856	0.0790	0.0864	11.60	<.0001	0.14	-0.10	-0.01	-0.01	0.04	0.02	-0.09	-0.09	-0.19	0.00	-0.08	-0.16	-0.08	-0.39	-0.11	0.00
51186130	22513	0.0274	0.0280	43.28	<.0001	-1.02	0.10	-0.01	0.23	-0.03	-0.02	-0.03	0.01	-0.01	0.03	0.00	0.00	-0.01	-0.01	0.01	0.00
51186160	22513	0.0274	0.0280	43.28	<.0001	-1.02	0.10	-0.01	0.23	-0.03	-0.02	-0.03	0.01	-0.01	0.03	0.00	0.00	-0.01	-0.01	0.01	0.00
51187020	51					0.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51188100	26					0.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51201060	105428	0.0138	0.0140	99.43	<.0001	-1.54	0.18	0.07	0.09	-0.02	-0.01	0.00	0.00	0.00	0.01	0.02	0.01	0.01	0.01	0.00	-0.01
51201110	85	0.8114	0.8451	25.10	<.0001	-0.84	0.73	0.50	-0.07	-0.02	0.15	-0.07	0.20	0.25	0.27	0.21	-0.16	0.23	0.26	0.11	0.21
51201120	1515	0.0473	0.0567	6.01	<.0001	-1.22	0.09	0.00	-0.03	0.11	-0.06	0.06	-0.08	-0.03	0.02	0.08	0.06	-0.05	0.05	0.00	0.27
51202050	22513	0.0274	0.0280	43.28	<.0001	-1.02	0.10	-0.01	0.23	-0.03	-0.02	-0.03	0.01	-0.01	0.03	0.00	0.00	-0.01	-0.01	0.01	0.00
51202060	1669	0.1242	0.1320	16.76	<.0001	-0.92	-0.35	-0.33	-0.18	0.03	-0.12	-0.14	-0.17	-0.11	-0.08	-0.11	-0.13	-0.01	-0.03	-0.06	-0.01
51208000	617	0.0985	0.1205	5.49	<.0001	-0.75	0.00	-0.23	-0.11	0.07	-0.04	-0.17	-0.21	-0.23	-0.19	-0.16	-0.19	-0.14	-0.23	-0.42	-0.21
51208010	2302	0.1619	0.1674	30.63	<.0001	-1.38	-0.39	-0.14	-0.16	-0.91	0.00	-0.02	-0.11	0.17	-0.07	-0.05	-0.17	-0.15	-0.16	-0.27	-0.36
51208100	617	0.0985	0.1205	5.49	<.0001	-0.75	0.00	-0.23	-0.11	0.07	-0.04	-0.17	-0.21	-0.23	-0.19	-0.16	-0.19	-0.14	-0.23	-0.42	-0.21
51208110	30964	0.0284	0.0288	61.27	<.0001	-0.96	-0.16	-0.15	-0.05	-0.03	0.01	0.02	0.02	0.03	0.05	0.01	0.00	0.02	0.01	-0.01	-0.02
51220030	92	0.2284	0.3556	2.80	<.0001	-1.34	0.54	0.60	0.21	0.11	0.23	-0.12	0.05	0.04	0.25	0.11	-0.04	-0.02	0.07	0.08	-0.15
51300180	30964	0.0284	0.0288	61.27	<.0001	-0.96	-0.16	-0.15	-0.05	-0.03	0.01	0.02	0.02	0.03	0.05	0.01	0.00	0.02	0.01	-0.01	-0.02
51300210	831393	0.0167	0.0167	942.24	<.0001	-1.35	0.01	-0.13	-0.14	0.01	-0.03	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.02	-0.01	-0.02	-0.03
51300220	1515	0.0473	0.0567	6.01	<.0001	-1.22	0.09	0.00	-0.03	0.11	-0.06	0.06	-0.08	-0.03	0.02	0.08	0.06	-0.05	0.05	0.00	0.27
51301040	105428	0.0138	0.0140	99.43	<.0001	-1.54	0.18	0.07	0.09	-0.02	-0.01	0.00	0.00	0.00	0.01	0.02	0.01	0.01	0.01	0.00	-0.01
51301050	106943	0.0133	0.0134	96.93	<.0001	-1.54	0.18	0.07	0.09	-0.02	-0.01	0.00	0.00	0.00	0.01	0.02	0.01	0.01	0.01	0.00	-0.01
51301120	105428	0.0138	0.0140	99.43	<.0001	-1.54	0.18	0.07	0.09	-0.02	-0.01	0.00	0.00	0.00	0.01	0.02	0.01	0.01	0.01	0.00	-0.01
51301130	1600	0.0444	0.0534	5.95	<.0001	-1.22	0.13	0.00	0.00	0.10	-0.02	0.05	-0.09	-0.03	0.03	0.08	0.05	-0.06	0.06	-0.01	0.26
51301540	560	0.0823	0.1069	4.34	<.0001	-1.11	0.31	-0.59	0.22	0.11	-0.24	-0.12	-0.03	-0.01	-0.01	0.06	-0.06	-0.11	-0.09	-0.15	0.04
51301550	6074	0.0253	0.0277	11.49	<.0001	-1.22	0.08	0.04	0.00	-0.12	-0.03	-0.03	-0.07	0.03	-0.01	0.02	-0.01	-0.03	-0.01	0.00	0.03
51301600	2018	0.0582	0.0652	9.31	<.0001	-0.82	-0.06	-0.06	-0.21	-0.03	0.06	0.03	0.02	0.00	-0.03	0.08	0.02	0.08	0.02	0.00	0.03
51301610	2184	0.0560	0.0625	9.63	<.0001	-0.82	-0.06	-0.07	-0.20	-0.05	0.05	0.04	0.01	-0.01	-0.06	0.08	0.03	0.06	0.02	0.01	0.04
51301620	2018	0.0582	0.0652	9.31	<.0001	-0.82	-0.06	-0.06	-0.21	-0.03	0.06	0.03	0.02	0.00	-0.03	0.08	0.02	0.08	0.02	0.00	0.03
51301630	2184	0.0560	0.0625	9.63	<.0001	-0.82	-0.06	-0.07	-0.20	-0.05	0.05	0.04	0.01	-0.01	-0.06	0.08	0.03	0.06	0.02	0.01	0.04
51301700	104	0.0641	0.2004	1.47	0.1340	-0.87	-0.07	0.14	-0.02	-0.08	0.15	-0.03	0.03	-0.18	0.23	-0.03	0.09	0.16	-0.22	-0.31	-0.20
51301710	1789	0.1409	0.1481	20.54	<.0001	-2.08	0.02	0.33	-0.10	-0.66	0.02	-0.26	-0.08	0.15	-0.10	-0.08	-0.09	-0.18	-0.09	-0.20	-0.31
51301750	40752	0.1538	0.1541	494.70	<.0001	-1.09	-0.46	0.06	0.07	-0.47	0.02	0.02	0.01	0.07	0.08	0.04	0.03	0.01	0.04	-0.02	0.00
51301800	104	0.0641	0.2004	1.47	0.1340	-0.87	-0.07	0.14	-0.02	-0.08	0.15	-0.03	0.03	-0.18	0.23	-0.03	0.09	0.16	-0.22	-0.31	-0.20
51301810	1718	0.1030	0.1108	14.14	<.0001	-2.47	0.05	0.29	0.00	-0.45	0.18	-0.10	0.08	0.23	0.05	-0.02	0.04	0.01	-0.03	-0.11	-0.21
51301820	104	0.0641	0.2004	1.47	0.1340	-0.87	-0.07	0.14	-0.02	-0.08	0.15	-0.03	0.03	-0.18	0.23	-0.03	0.09	0.16	-0.22	-0.31	-0.20
51301830	30964	0.0284	0.0288	61.27	<.0001	-0.96	-0.16	-0.15	-0.05	-0.03	0.01	0.02	0.02	0.03	0.05	0.01	0.00	0.02	0.01	-0.01	-0.02
51301900	104	0.0641	0.2004	1.47	0.1340	-0.87	-0.07	0.14	-0.02	-0.08	0.15	-0.03	0.03	-0.18	0.23	-0.03	0.09	0.16	-0.22	-0.31	-0.20
51301910	1789	0.1409	0.1481	20.54	<.0001	-2.08	0.02	0.33	-0.10	-0.66	0.02	-0.26	-0.08	0.15	-0.10	-0.08	-0.09	-0.18	-0.09	-0.20	-0.31
51302050	103434	0.0131	0.0132	92.18	<.0001	-1.55	0.17	0.08	0.10	-0.02	-0.01	-0.01	0.00	0.00	0.01	0.02	0.00	0.01	0.01	0.00	-0.02
51302500	1514	0.1170	0.1258	14.37	<.0001	-1.12	0.35	0.31	0.52	0.00	-0.11	0.15	-0.01	-0.07	0.07	-0.13	-0.02	0.15	0.03	-0.05	0.05
51302510	22536	0.0275	0.0281	43.46	<.0001	-1.02	0.10	-0.01	0.23	-0.03	-0.02	-0.03	0.01	-0.01	0.03	0.00	0.00	-0.01	-0.01	0.01	0.00
51302520	1514	0.1170	0.1258	14.37	<.0001	-1.12	0.35	0.31	0.52	0.00	-0.11	0.15	-0.01	-0.07	0.07	-0.13	-0.02	0.15	0.03	-0.05	0.05
51302530	1669	0.1242	0.1320	16.76	<.0001	-0.92	-0.35	-0.33	-0.18	0.03	-0.12	-0.14	-0.17	-0.11	-0.08	-0.11	-0.13	-0.01	-0.03	-0.06	-0.01
51303020	33860	0.0223	0.0227	52.44	<.0001	-1.03	0.15	0.05	0.21	-0.02	-0.02	-0.02	0.00	0.01	0.02	-0.01	-0.01	-0.01	0.01	0.00	0.01
51303050	1514	0.1170	0.1258	14.37	<.0001	-1.12	0.35	0.31	0.52	0.00	-0.11	0.15	-0.01	-0.07	0.07	-0.13	-0.02	0.15	0.03	-0.05	0.05
51303060	1669	0.1242	0.1320	16.76	<.0001	-0.92	-0.35	-0.33	-0.18	0.03	-0.12	-0.14	-0.17	-0.11	-0.08	-0.11	-0.13	-0.01	-0.03	-0.06	-0.01
51303080	22536	0.0275	0.0281	43.46	<.0001	-1.02	0.10	-0.01	0.23	-0.03	-0.02	-0.03	0.01	-0.01	0.03	0.00	0.00	-0.01	-0.01	0.01	0.00
51306000	3					2.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51320040	2556	0.0420	0.0477	8.47	<.0001	-0.96	-0.06	-0.13	-0.08	0.05	0.08	0.04	0.12	0.02	0.05	0.09	0.06	0.10	0.10	0.10	-0.11
51401030	1615	0.0242	0.0333	3.67	<.0001	-0.87	-0.11	-0.14	-0.03	0.03	0.04	-0.06	-0.04	-0.06	-0.04	-0.02	0.00	-0.06	0.01	-0.02	-0.03
51401040	24737	0.0273	0.0278	47.20	<.0001	-0.82	-0.18	-0.19	-0.18	0.01	-0.03	-0.01	-0.03	-0.01	-0.02	-0.01	-0.02	-0.04	0.00	0.03	0.00

Table C.1 Continued

Food Code	N	Adj_R_Sq	R_Sq	F-Value	Prob-F	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
51401200	22513	0.0274	0.0280	43.28	<.0001	-1.02	0.10	-0.01	0.23	-0.03	-0.02	-0.03	0.01	-0.01	0.03	0.00	0.00	-0.01	-0.01	0.01	0.00
51401210	22536	0.0275	0.0281	43.46	<.0001	-1.02	0.10	-0.01	0.23	-0.03	-0.02	-0.03	0.01	-0.01	0.03	0.00	0.00	-0.01	-0.01	0.01	0.00
51404020	2323	0.0269	0.0331	5.27	<.0001	-0.90	-0.08	-0.02	0.02	0.01	-0.03	-0.10	-0.05	-0.09	-0.03	-0.02	0.02	-0.05	-0.02	0.07	-0.03
51404500	3					0.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51404510	30964	0.0284	0.0288	61.27	<.0001	-0.96	-0.16	-0.15	-0.05	-0.03	0.01	0.02	0.02	0.03	0.05	0.01	0.00	0.02	0.01	-0.01	-0.02
51404550	22513	0.0274	0.0280	43.28	<.0001	-1.02	0.10	-0.01	0.23	-0.03	-0.02	-0.03	0.01	-0.01	0.03	0.00	0.00	-0.01	-0.01	0.01	0.00
51404560	22536	0.0275	0.0281	43.46	<.0001	-1.02	0.10	-0.01	0.23	-0.03	-0.02	-0.03	0.01	-0.01	0.03	0.00	0.00	-0.01	-0.01	0.01	0.00
51501020	1291	0.0789	0.0896	8.36	<.0001	-1.43	0.44	0.41	0.57	-0.05	-0.02	-0.07	0.07	-0.04	0.07	0.00	-0.01	-0.15	0.07	0.03	-0.03
51502010	2318	0.1099	0.1157	20.08	<.0001	-3.67	0.22	0.13	0.06	0.39	0.06	0.09	0.03	0.03	-0.05	0.05	-0.04	0.07	0.01	0.12	-0.05
51502020	2318	0.1099	0.1157	20.08	<.0001	-3.67	0.22	0.13	0.06	0.39	0.06	0.09	0.03	0.03	-0.05	0.05	-0.04	0.07	0.01	0.12	-0.05
51502110	2318	0.1099	0.1157	20.08	<.0001	-3.67	0.22	0.13	0.06	0.39	0.06	0.09	0.03	0.03	-0.05	0.05	-0.04	0.07	0.01	0.12	-0.05
51503000	490	0.1165	0.1436	5.30	<.0001	-0.10	-0.02	-0.22	-0.29	0.04	-0.18	-0.37	-0.09	-0.25	-0.07	-0.21	-0.11	-0.15	-0.15	-0.05	-0.12
51503010	22536	0.0275	0.0281	43.46	<.0001	-1.02	0.10	-0.01	0.23	-0.03	-0.02	-0.03	0.01	-0.01	0.03	0.00	0.00	-0.01	-0.01	0.01	0.00
51503040	22513	0.0274	0.0280	43.28	<.0001	-1.02	0.10	-0.01	0.23	-0.03	-0.02	-0.03	0.01	-0.01	0.03	0.00	0.00	-0.01	-0.01	0.01	0.00
51503050	490	0.1165	0.1436	5.30	<.0001	-0.10	-0.02	-0.22	-0.29	0.04	-0.18	-0.37	-0.09	-0.25	-0.07	-0.21	-0.11	-0.15	-0.15	-0.05	-0.12
51601210	146	0.9133	0.9210	118.42	<.0001	0.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51601220	1978	0.3103	0.3155	60.30	<.0001	-1.34	-0.01	-0.58	-0.16	-0.04	-0.06	-0.03	-0.01	-0.03	0.00	-0.05	0.04	-0.02	-0.07	0.03	0.02
51602010	106943	0.0133	0.0134	96.93	<.0001	-1.54	0.18	0.07	0.09	-0.02	-0.01	0.00	0.00	0.00	0.01	0.02	0.01	0.01	0.01	0.00	-0.01
51602020	913	0.0691	0.0844	5.51	<.0001	-1.09	0.25	-0.02	0.03	0.09	0.01	-0.07	-0.04	-0.03	0.00	0.02	0.07	0.06	0.21	0.02	0.06
51630000	1					0.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51630010	30964	0.0284	0.0288	61.27	<.0001	-0.96	-0.16	-0.15	-0.05	-0.03	0.01	0.02	0.02	0.03	0.05	0.01	0.00	0.02	0.01	-0.01	-0.02
51630100	30964	0.0284	0.0288	61.27	<.0001	-0.96	-0.16	-0.15	-0.05	-0.03	0.01	0.02	0.02	0.03	0.05	0.01	0.00	0.02	0.01	-0.01	-0.02
51630110	30964	0.0284	0.0288	61.27	<.0001	-0.96	-0.16	-0.15	-0.05	-0.03	0.01	0.02	0.02	0.03	0.05	0.01	0.00	0.02	0.01	-0.01	-0.02
51801010	7					0.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51802010	22414	0.0312	0.0319	49.19	<.0001	-0.81	-0.19	-0.20	-0.20	0.01	-0.03	0.00	-0.03	-0.01	-0.02	-0.01	-0.02	-0.03	0.00	0.02	0.01
51802020	1978	0.3103	0.3155	60.30	<.0001	-1.34	-0.01	-0.58	-0.16	-0.04	-0.06	-0.03	-0.01	-0.03	0.00	-0.05	0.04	-0.02	-0.07	0.03	0.02
51803010	106943	0.0133	0.0134	96.93	<.0001	-1.54	0.18	0.07	0.09	-0.02	-0.01	0.00	0.00	0.00	0.01	0.02	0.01	0.01	0.01	0.00	-0.01
51803020	1978	0.3103	0.3155	60.30	<.0001	-1.34	-0.01	-0.58	-0.16	-0.04	-0.06	-0.03	-0.01	-0.03	0.00	-0.05	0.04	-0.02	-0.07	0.03	0.02
51804010	36					0.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51804020	36					0.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51805010	22414	0.0312	0.0319	49.19	<.0001	-0.81	-0.19	-0.20	-0.20	0.01	-0.03	0.00	-0.03	-0.01	-0.02	-0.01	-0.02	-0.03	0.00	0.02	0.01
51807000	106943	0.0133	0.0134	96.93	<.0001	-1.54	0.18	0.07	0.09	-0.02	-0.01	0.00	0.00	0.00	0.01	0.02	0.01	0.01	0.01	0.00	-0.01
52101040	215	0.3483	0.3940	8.62	<.0001	-0.41	-0.06	-0.30	-0.10	0.13	-0.07	-0.08	-0.01	0.07	0.01	-0.15	-0.01	0.00	-0.03	-0.02	0.04
52209010	67152	0.0132	0.0134	60.83	<.0001	-1.40	0.11	-0.02	-0.08	0.00	0.02	-0.01	-0.01	0.00	0.00	-0.01	-0.02	-0.02	-0.01	0.00	0.01
52215000	40953	0.0404	0.0407	115.91	<.0001	-0.77	0.27	-0.09	-0.20	-0.03	-0.04	-0.02	-0.05	-0.04	-0.05	0.00	0.01	0.01	-0.02	-0.02	-0.03
52215260	844	0.1503	0.1654	10.94	<.0001	-0.27	0.02	-0.20	-0.17	0.08	-0.05	-0.11	-0.13	-0.12	-0.09	-0.09	-0.10	0.02	-0.12	-0.16	0.07
52215350	9448	0.0106	0.0122	7.73	<.0001	-0.05	0.04	-0.04	-0.05	-0.05	-0.03	0.03	-0.01	-0.03	0.03	0.09	0.02	-0.01	-0.04	0.00	-0.03
52220110	106943	0.0133	0.0134	96.93	<.0001	-1.54	0.18	0.07	0.09	-0.02	-0.01	0.00	0.00	0.00	0.01	0.02	0.01	0.01	0.01	0.00	-0.01
52302100	3021	0.0378	0.0426	8.91	<.0001	-0.44	0.00	-0.08	-0.10	0.12	-0.10	-0.04	-0.14	0.04	0.12	0.03	0.14	0.02	-0.05	0.10	0.12
52304040	3021	0.0378	0.0426	8.91	<.0001	-0.44	0.00	-0.08	-0.10	0.12	-0.10	-0.04	-0.14	0.04	0.12	0.03	0.14	0.02	-0.05	0.10	0.12
52307020	112	0.6860	0.7256	18.32	<.0001	0.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52307120	112	0.6860	0.7256	18.32	<.0001	0.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53102300	3					0.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53102500	1732	0.1148	0.1225	15.97	<.0001	-0.77	0.12	-0.15	-0.16	0.02	-0.03	-0.09	-0.02	0.00	0.04	-0.02	-0.12	-0.15	-0.12	0.00	0.03
53102600	1732	0.1148	0.1225	15.97	<.0001	-0.77	0.12	-0.15	-0.16	0.02	-0.03	-0.09	-0.02	0.00	0.04	-0.02	-0.12	-0.15	-0.12	0.00	0.03
53102700	1732	0.1148	0.1225	15.97	<.0001	-0.77	0.12	-0.15	-0.16	0.02	-0.03	-0.09	-0.02	0.00	0.04	-0.02	-0.12	-0.15	-0.12	0.00	0.03
53103600	1392	0.0923	0.1021	10.43	<.0001	-0.41	0.22	0.05	0.01	-0.02	-0.01	-0.04	0.03	0.05	0.00	0.02	0.01	-0.08	-0.03	0.05	0.05
53104000	690	0.0729	0.0931	4.61	<.0001	-0.18	-0.29	-0.12	-0.21	0.06	-0.33	-0.25	-0.26	-0.14	-0.53	-0.51	-0.30	-0.25	-0.33	-0.11	-0.24
53104100	690	0.0729	0.0931	4.61	<.0001	-0.18	-0.29	-0.12	-0.21	0.06	-0.33	-0.25	-0.26	-0.14	-0.53	-0.51	-0.30	-0.25	-0.33	-0.11	-0.24
53104260	690	0.0729	0.0931	4.61	<.0001	-0.18	-0.29	-0.12	-0.21	0.06	-0.33	-0.25	-0.26	-0.14	-0.53	-0.51	-0.30	-0.25	-0.33	-0.11	-0.24
53104520	2					1.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53104570	2					1.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53104580	1791	0.1280	0.1353	18.51	<.0001	-1.00	0.78	0.26	0.33	0.33	-0.26	-0.47	-0.27	-0.26	-0.17	-0.19	-0.31	-0.25	-0.27	-0.24	-0.11
53104650	2					1.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C.1 Continued

Food Code	N	Adj_R_Sq	R_Sq	F-Value	Prob-F	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
53104900	14808	0.0876	0.0885	95.78	<.0001	-0.75	0.17	-0.21	-0.12	0.00	0.03	0.06	0.07	0.04	0.05	0.03	0.06	0.12	0.06	0.07	0.00
53104920	14808	0.0876	0.0885	95.78	<.0001	-0.75	0.17	-0.21	-0.12	0.00	0.03	0.06	0.07	0.04	0.05	0.03	0.06	0.12	0.06	0.07	0.00
53104950	14808	0.0876	0.0885	95.78	<.0001	-0.75	0.17	-0.21	-0.12	0.00	0.03	0.06	0.07	0.04	0.05	0.03	0.06	0.12	0.06	0.07	0.00
53106100	16					0.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53107000	10540	0.0295	0.0308	22.32	<.0001	-0.45	-0.03	-0.12	-0.15	-0.06	0.02	0.00	0.01	0.00	-0.04	-0.02	0.03	0.03	-0.01	0.03	0.02
53107100	10540	0.0295	0.0308	22.32	<.0001	-0.45	-0.03	-0.12	-0.15	-0.06	0.02	0.00	0.01	0.00	-0.04	-0.02	0.03	0.03	-0.01	0.03	0.02
53107200	10540	0.0295	0.0308	22.32	<.0001	-0.45	-0.03	-0.12	-0.15	-0.06	0.02	0.00	0.01	0.00	-0.04	-0.02	0.03	0.03	-0.01	0.03	0.02
53109210	243	0.0773	0.1345	2.35	0.0037	-0.63	0.00	0.08	0.10	0.05	0.14	0.06	0.20	0.06	0.05	0.09	0.32	0.10	0.26	0.36	0.01
53109270	243	0.0773	0.1345	2.35	0.0037	-0.63	0.00	0.08	0.10	0.05	0.14	0.06	0.20	0.06	0.05	0.09	0.32	0.10	0.26	0.36	0.01
53112150	1607	0.0705	0.0792	9.12	<.0001	-1.59	0.05	0.05	-0.19	-0.02	-0.02	-0.01	-0.03	-0.16	0.08	-0.01	-0.01	0.12	0.05	0.05	-0.10
53112160	1607	0.0705	0.0792	9.12	<.0001	-1.59	0.05	0.05	-0.19	-0.02	-0.02	-0.01	-0.03	-0.16	0.08	-0.01	-0.01	0.12	0.05	0.05	-0.10
53114000	1259	0.0277	0.0393	3.39	<.0001	-0.57	-0.02	-0.13	-0.07	0.00	-0.01	0.06	0.01	0.11	0.02	-0.08	0.08	0.01	0.01	-0.02	-0.05
53116280	2406	0.0514	0.0573	9.68	<.0001	-0.65	0.12	-0.09	-0.07	0.05	0.06	0.02	0.16	0.18	0.10	0.13	0.12	0.04	0.04	0.12	0.11
53116390	2406	0.0514	0.0573	9.68	<.0001	-0.65	0.12	-0.09	-0.07	0.05	0.06	0.02	0.16	0.18	0.10	0.13	0.12	0.04	0.04	0.12	0.11
53119000	57					0.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53123500	521	0.0271	0.0552	1.97	0.0159	-0.08	-0.04	-0.07	0.04	0.00	-0.21	-0.17	-0.19	-0.18	-0.13	-0.21	-0.22	-0.07	-0.07	-0.10	-0.10
53203500	1410	0.0839	0.0937	9.61	<.0001	0.31	-0.19	0.08	-0.08	0.03	0.09	0.07	0.13	0.17	0.18	0.12	0.10	-0.04	0.12	0.09	0.14
53206010	45110	0.0154	0.0157	48.02	<.0001	-0.48	-0.03	-0.14	-0.12	-0.01	-0.01	-0.01	-0.06	-0.01	-0.03	-0.04	-0.03	-0.01	-0.05	0.00	-0.01
53206030	1214	0.0477	0.0595	5.05	<.0001	-0.41	0.02	-0.05	0.00	-0.04	0.26	0.05	0.06	0.04	-0.03	-0.15	0.08	0.07	-0.02	0.17	0.03
53207050	2					0.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53209010	439	0.0993	0.1302	4.22	<.0001	0.36	-0.70	-0.55	-0.26	-0.07	-0.68	-0.47	-0.49	-0.44	-0.11	-0.30	-0.64	-0.27	-0.36	-0.48	-0.25
53209020	1364	0.1093	0.1191	12.15	<.0001	-0.54	-0.02	-0.26	-0.04	-0.10	0.14	-0.14	-0.14	0.01	-0.15	-0.04	-0.05	0.01	0.14	-0.15	-0.03
53209500	30622	0.0111	0.0115	23.83	<.0001	-0.68	0.10	-0.04	0.03	0.00	-0.05	-0.10	-0.10	-0.09	-0.04	-0.04	-0.05	-0.01	0.01	-0.03	0.00
53210900	321	0.2227	0.2592	7.11	<.0001	-0.88	-0.37	-0.20	-0.03	0.07	-0.18	-0.07	-0.18	0.03	0.03	-0.15	-0.05	0.06	0.08	-0.04	-0.05
53210910	3972	0.0587	0.0623	17.51	<.0001	-0.89	-0.02	-0.11	-0.19	0.01	0.01	0.01	0.02	0.00	-0.03	-0.05	0.01	-0.02	0.03	0.00	-0.01
53220040	7930	0.0375	0.0393	21.58	<.0001	-0.76	0.03	-0.25	-0.12	-0.04	-0.06	0.00	-0.02	0.05	-0.02	0.03	0.01	-0.07	0.02	-0.05	-0.12
53225000	22					0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53226550	3972	0.0587	0.0623	17.51	<.0001	-0.89	-0.02	-0.11	-0.19	0.01	0.01	0.01	0.02	0.00	-0.03	-0.05	0.01	-0.02	0.03	0.00	-0.01
53233000	10282	0.0339	0.0353	25.07	<.0001	-0.61	-0.17	-0.34	-0.27	-0.23	0.08	0.09	0.07	0.10	0.02	0.01	0.01	0.01	0.00	0.05	0.07
53233020	5576	0.1234	0.1257	53.30	<.0001	-0.43	0.06	-0.16	-0.30	0.01	-0.02	-0.07	-0.02	-0.04	-0.06	-0.05	-0.08	-0.03	-0.04	-0.07	-0.08
53233040	2					1.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53233050	674	0.4526	0.4648	38.10	<.0001	-0.81	-0.49	-0.74	-0.43	-0.15	-0.10	0.04	0.09	0.20	0.04	0.06	0.08	-0.04	0.03	0.01	0.05
53233080	674	0.4526	0.4648	38.10	<.0001	-0.81	-0.49	-0.74	-0.43	-0.15	-0.10	0.04	0.09	0.20	0.04	0.06	0.08	-0.04	0.03	0.01	0.05
53234100	7738	0.0191	0.0210	11.06	<.0001	-0.54	-0.02	-0.03	0.01	-0.20	-0.06	-0.02	-0.01	-0.08	-0.09	-0.10	-0.12	-0.09	-0.21	-0.12	-0.02
53235500	7368	0.0124	0.0144	7.18	<.0001	-0.46	-0.07	-0.10	-0.08	-0.06	-0.04	0.04	0.00	-0.02	-0.07	-0.02	-0.07	-0.06	-0.11	-0.12	-0.06
53237010	16					0.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53239010	15858	0.0348	0.0358	39.17	<.0001	-0.51	-0.02	-0.19	-0.21	-0.04	-0.02	0.01	-0.04	-0.02	0.01	0.03	-0.01	0.09	0.11	0.04	0.12
53239050	15858	0.0348	0.0358	39.17	<.0001	-0.51	-0.02	-0.19	-0.21	-0.04	-0.02	0.01	-0.04	-0.02	0.01	0.03	-0.01	0.09	0.11	0.04	0.12
53243050	2648	0.0803	0.0855	16.40	<.0001	0.07	-0.26	-0.18	-0.21	0.05	-0.02	-0.03	-0.02	-0.08	-0.09	-0.05	-0.02	-0.06	-0.12	-0.07	-0.02
53243100	35877	0.0102	0.0106	25.57	<.0001	-0.58	0.07	-0.07	-0.01	0.00	-0.08	-0.10	-0.08	-0.11	-0.07	-0.08	-0.07	-0.04	-0.02	-0.05	0.00
53247050	765	0.1404	0.1572	9.32	<.0001	-0.01	0.00	-0.07	-0.15	0.03	-0.01	-0.11	-0.04	-0.04	-0.09	-0.10	0.02	-0.04	-0.06	-0.09	0.00
53247500	10232	0.0243	0.0257	17.96	<.0001	-0.97	0.14	-0.11	-0.09	0.01	0.15	0.11	0.02	0.04	0.02	0.02	0.10	0.07	0.01	0.04	0.08
53301080	4147	0.0298	0.0333	9.48	<.0001	-1.02	0.18	0.00	0.04	-0.03	0.01	-0.02	-0.04	0.00	-0.03	0.01	-0.02	0.09	-0.03	-0.04	-0.01
53301750	1685	0.0689	0.0772	9.30	<.0001	-1.15	0.01	-0.11	-0.04	0.03	0.10	0.00	0.12	0.08	0.10	0.14	0.11	0.14	0.09	0.12	-0.07
53302080	4147	0.0298	0.0333	9.48	<.0001	-1.02	0.18	0.00	0.04	-0.03	0.01	-0.02	-0.04	0.00	-0.03	0.01	-0.02	0.09	-0.03	-0.04	-0.01
53305080	4147	0.0298	0.0333	9.48	<.0001	-1.02	0.18	0.00	0.04	-0.03	0.01	-0.02	-0.04	0.00	-0.03	0.01	-0.02	0.09	-0.03	-0.04	-0.01
53305750	4147	0.0298	0.0333	9.48	<.0001	-1.02	0.18	0.00	0.04	-0.03	0.01	-0.02	-0.04	0.00	-0.03	0.01	-0.02	0.09	-0.03	-0.04	-0.01
53307080	4147	0.0298	0.0333	9.48	<.0001	-1.02	0.18	0.00	0.04	-0.03	0.01	-0.02	-0.04	0.00	-0.03	0.01	-0.02	0.09	-0.03	-0.04	-0.01
53420210	653	0.2327	0.2504	14.18	<.0001	0.30	-0.34	-0.59	-0.09	-0.05	-0.06	-0.08	0.02	-0.03	0.00	0.16	-0.07	-0.29	0.07	0.07	0.07
53420250	653	0.2327	0.2504	14.18	<.0001	0.30	-0.34	-0.59	-0.09	-0.05	-0.06	-0.08	0.02	-0.03	0.00	0.16	-0.07	-0.29	0.07	0.07	0.07
53452170	144	0.4604	0.5170	9.13	<.0001	-0.31	0.08	-0.60	-0.33	0.42	0.21	0.49	0.46	0.13	0.19	0.36	0.59	0.47	0.57	0.56	0.87
53452500	144	0.4604	0.5170	9.13	<.0001	-0.31	0.08	-0.60	-0.33	0.42	0.21	0.49	0.46	0.13	0.19	0.36	0.59	0.47	0.57	0.56	0.87
53453150	4					0.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53500200	30964	0.0284	0.0288	61.27	<.0001	-0.96	-0.16	-0.15	-0.05	-0.03	0.01	0.02	0.02	0.03	0.05	0.01	0.00	0.02	0.01	-0.01	-0.02

Table C.1 Continued

Food Code	N	Adj_R_Sq	R_Sq	F-Value	Prob-F	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
53511500	39674	0.0632	0.0635	179.34	<.0001	-0.41	-0.09	-0.28	-0.29	0.03	-0.03	-0.04	-0.02	0.00	-0.01	0.00	0.00	-0.01	-0.03	0.01	0.03
53520000	35609	0.0222	0.0226	54.93	<.0001	-0.48	-0.15	-0.19	-0.13	-0.01	-0.01	-0.02	-0.04	0.00	0.00	-0.03	0.00	0.00	-0.02	0.00	-0.01
53520150	3108	0.0545	0.0591	12.94	<.0001	-0.11	-0.23	-0.25	-0.25	-0.04	0.02	-0.09	-0.03	0.00	-0.01	-0.04	-0.01	0.03	-0.01	0.02	-0.05
53520160	15					0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53520200	35758	0.0225	0.0230	55.97	<.0001	-0.48	-0.15	-0.19	-0.14	-0.02	-0.01	-0.03	-0.04	0.00	0.00	-0.03	0.00	0.00	-0.02	0.00	-0.02
53520500	35758	0.0225	0.0230	55.97	<.0001	-0.48	-0.15	-0.19	-0.14	-0.02	-0.01	-0.03	-0.04	0.00	0.00	-0.03	0.00	0.00	-0.02	0.00	-0.02
53521100	28					0.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53521120	28					0.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53521130	3108	0.0545	0.0591	12.94	<.0001	-0.11	-0.23	-0.25	-0.25	-0.04	0.02	-0.09	-0.03	0.00	-0.01	-0.04	-0.01	0.03	-0.01	0.02	-0.05
53521220	35758	0.0225	0.0230	55.97	<.0001	-0.48	-0.15	-0.19	-0.14	-0.02	-0.01	-0.03	-0.04	0.00	0.00	-0.03	0.00	0.00	-0.02	0.00	-0.02
53521230	35758	0.0225	0.0230	55.97	<.0001	-0.48	-0.15	-0.19	-0.14	-0.02	-0.01	-0.03	-0.04	0.00	0.00	-0.03	0.00	0.00	-0.02	0.00	-0.02
53521300	3108	0.0545	0.0591	12.94	<.0001	-0.11	-0.23	-0.25	-0.25	-0.04	0.02	-0.09	-0.03	0.00	-0.01	-0.04	-0.01	0.03	-0.01	0.02	-0.05
53540000	20754	0.0149	0.0156	21.88	<.0001	-0.17	-0.03	-0.06	-0.01	0.05	-0.02	-0.02	-0.01	0.00	0.01	0.01	0.03	0.05	0.04	0.04	0.01
53540500	109	0.0938	0.1777	2.12	0.0299	0.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53544250	40900	0.0163	0.0167	46.29	<.0001	-0.13	0.03	-0.11	-0.05	0.01	-0.08	-0.04	-0.02	-0.02	0.00	-0.01	0.03	-0.02	0.00	-0.02	0.00
53544300	26					1.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53544400	40900	0.0163	0.0167	46.29	<.0001	-0.13	0.03	-0.11	-0.05	0.01	-0.08	-0.04	-0.02	-0.02	0.00	-0.01	0.03	-0.02	0.00	-0.02	0.00
53610120	39674	0.0632	0.0635	179.34	<.0001	-0.41	-0.09	-0.28	-0.29	0.03	-0.03	-0.04	-0.02	0.00	-0.01	0.00	0.00	-0.01	-0.03	0.01	0.03
54102050	53795	0.0097	0.0099	36.01	<.0001	-0.35	0.03	-0.05	-0.08	-0.01	0.00	0.00	0.02	0.00	0.02	0.04	0.02	-0.02	0.00	-0.01	-0.03
54102060	53795	0.0097	0.0099	36.01	<.0001	-0.35	0.03	-0.05	-0.08	-0.01	0.00	0.00	0.02	0.00	0.02	0.04	0.02	-0.02	0.00	-0.01	-0.03
54102080	16209	0.0199	0.0208	22.96	<.0001	-1.00	-0.01	-0.07	0.06	0.05	0.07	0.11	0.13	0.14	0.17	0.14	0.15	0.11	0.18	0.12	0.04
54102100	2577	0.0386	0.0442	7.89	<.0001	-0.38	-0.06	-0.13	-0.02	0.00	-0.01	-0.09	0.01	-0.06	-0.06	-0.13	-0.08	-0.08	-0.03	-0.08	-0.01
54102110	2577	0.0386	0.0442	7.89	<.0001	-0.38	-0.06	-0.13	-0.02	0.00	-0.01	-0.09	0.01	-0.06	-0.06	-0.13	-0.08	-0.08	-0.03	-0.08	-0.01
54102200	16209	0.0199	0.0208	22.96	<.0001	-1.00	-0.01	-0.07	0.06	0.05	0.07	0.11	0.13	0.14	0.17	0.14	0.15	0.11	0.18	0.12	0.04
54201010	53795	0.0097	0.0099	36.01	<.0001	-0.35	0.03	-0.05	-0.08	-0.01	0.00	0.00	0.02	0.00	0.02	0.04	0.02	-0.02	0.00	-0.01	-0.03
54205100	122	0.7035	0.7403	20.14	<.0001	-0.29	-0.20	0.10	-0.80	0.27	-0.06	-0.26	0.22	0.09	1.17	0.22	-0.15	0.31	0.02	0.19	0.04
54207010	53795	0.0097	0.0099	36.01	<.0001	-0.35	0.03	-0.05	-0.08	-0.01	0.00	0.00	0.02	0.00	0.02	0.04	0.02	-0.02	0.00	-0.01	-0.03
54210010	53795	0.0097	0.0099	36.01	<.0001	-0.35	0.03	-0.05	-0.08	-0.01	0.00	0.00	0.02	0.00	0.02	0.04	0.02	-0.02	0.00	-0.01	-0.03
54301200	436	0.0598	0.0922	2.84	0.0003	-0.21	0.07	-0.01	0.06	0.03	0.01	0.02	-0.12	0.09	0.18	-0.02	-0.07	0.07	0.03	0.12	-0.20
54304100	3202	0.0517	0.0562	12.64	<.0001	-0.30	0.11	-0.02	-0.09	-0.05	-0.10	0.01	-0.08	-0.03	-0.04	-0.07	-0.07	-0.06	0.03	-0.08	-0.06
54305000	53795	0.0097	0.0099	36.01	<.0001	-0.35	0.03	-0.05	-0.08	-0.01	0.00	0.00	0.02	0.00	0.02	0.04	0.02	-0.02	0.00	-0.01	-0.03
54305500	53795	0.0097	0.0099	36.01	<.0001	-0.35	0.03	-0.05	-0.08	-0.01	0.00	0.00	0.02	0.00	0.02	0.04	0.02	-0.02	0.00	-0.01	-0.03
54309000	53795	0.0097	0.0099	36.01	<.0001	-0.35	0.03	-0.05	-0.08	-0.01	0.00	0.00	0.02	0.00	0.02	0.04	0.02	-0.02	0.00	-0.01	-0.03
54319000	53795	0.0097	0.0099	36.01	<.0001	-0.35	0.03	-0.05	-0.08	-0.01	0.00	0.00	0.02	0.00	0.02	0.04	0.02	-0.02	0.00	-0.01	-0.03
54319200	53795	0.0097	0.0099	36.01	<.0001	-0.35	0.03	-0.05	-0.08	-0.01	0.00	0.00	0.02	0.00	0.02	0.04	0.02	-0.02	0.00	-0.01	-0.03
54325050	103	0.3391	0.4233	5.03	<.0001	0.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54327950	42687	0.0372	0.0375	110.91	<.0001	-0.14	-0.13	-0.16	-0.25	-0.06	0.03	0.01	0.05	0.06	0.09	0.03	0.03	0.00	0.00	-0.01	-0.01
54336000	53795	0.0097	0.0099	36.01	<.0001	-0.35	0.03	-0.05	-0.08	-0.01	0.00	0.00	0.02	0.00	0.02	0.04	0.02	-0.02	0.00	-0.01	-0.03
54337050	3496	0.0492	0.0533	13.07	<.0001	-0.18	0.03	-0.04	0.02	-0.03	-0.01	0.09	0.08	0.11	0.09	0.02	0.04	0.07	0.09	0.11	0.01
54337100	9308	0.0196	0.0212	13.41	<.0001	-0.30	-0.05	-0.09	-0.01	-0.02	0.03	0.06	0.05	0.04	0.05	0.03	0.01	0.04	0.04	0.12	0.00
54338100	53795	0.0097	0.0099	36.01	<.0001	-0.35	0.03	-0.05	-0.08	-0.01	0.00	0.00	0.02	0.00	0.02	0.04	0.02	-0.02	0.00	-0.01	-0.03
54339000	53795	0.0097	0.0099	36.01	<.0001	-0.35	0.03	-0.05	-0.08	-0.01	0.00	0.00	0.02	0.00	0.02	0.04	0.02	-0.02	0.00	-0.01	-0.03
54401200	23082	0.0124	0.0131	20.40	<.0001	-0.46	-0.10	-0.12	-0.07	0.00	0.01	-0.03	-0.01	-0.02	-0.02	-0.06	-0.03	-0.04	-0.03	-0.02	-0.02
54402200	23082	0.0124	0.0131	20.40	<.0001	-0.46	-0.10	-0.12	-0.07	0.00	0.01	-0.03	-0.01	-0.02	-0.02	-0.06	-0.03	-0.04	-0.03	-0.02	-0.02
54402300	91	0.2697	0.3914	3.22	0.0004	0.25	-0.15	-0.09	-0.13	0.00	0.13	-0.06	0.04	0.00	0.01	0.04	-0.01	-0.13	-0.08	-0.14	-0.12
54402500	91	0.2697	0.3914	3.22	0.0004	0.25	-0.15	-0.09	-0.13	0.00	0.13	-0.06	0.04	0.00	0.01	0.04	-0.01	-0.13	-0.08	-0.14	-0.12
54402600	46176	0.0100	0.0103	31.97	<.0001	-0.18	0.02	-0.08	-0.03	0.05	-0.02	-0.01	0.00	-0.01	-0.02	-0.04	-0.05	-0.03	-0.02	-0.03	-0.04
54403050	10004	0.0213	0.0227	15.50	<.0001	-0.22	-0.08	-0.14	-0.16	0.04	-0.20	-0.12	-0.11	-0.13	-0.11	-0.11	-0.11	-0.11	-0.10	-0.10	-0.08
54406200	179	0.0867	0.1637	2.13	0.0110	-0.08	-0.42	0.00	-0.04	-0.02	0.23	0.36	0.35	0.37	0.46	0.42	0.15	0.17	0.32	0.42	0.24
54408050	149	0.2425	0.3192	4.16	<.0001	-0.33	-0.11	0.04	0.28	0.04	-0.15	-0.91	-0.38	-0.38	-0.32	-0.53	-0.49	-0.20	-0.29	-0.27	-0.10
54408070	17					0.80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54408200	413	0.1649	0.1953	6.42	<.0001	-0.23	0.09	-0.08	0.00	0.07	-0.45	-0.30	-0.67	-0.44	-0.45	-0.57	-0.59	-0.73	0.25	-0.26	-0.47
54408250	97	0.2211	0.3428	2.82	0.0015	-0.25	-0.05	-0.14	-0.40	-0.05	0.31	0.32	0.11	0.02	0.18	0.34	0.55	-0.01	0.07	0.21	0.05
54408300	136	0.2936	0.3721	4.74	<.0001	-0.27	-0.14	-0.26	-0.33	-0.11	-0.01	-0.13	-0.06	-0.06	-0.13	-0.02	-0.09	-0.29	0.04	0.03	0.07

Table C.1 Continued

Food Code	N	Adj_R_Sq	R_Sq	F-Value	Prob-F	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
54420010	4108	0.0746	0.0780	23.07	<.0001	-0.16	0.06	-0.11	-0.05	0.05	0.06	0.02	0.03	-0.08	0.01	-0.02	-0.09	-0.04	-0.04	-0.02	0.04
54420200	4108	0.0746	0.0780	23.07	<.0001	-0.16	0.06	-0.11	-0.05	0.05	0.06	0.02	0.03	-0.08	0.01	-0.02	-0.09	-0.04	-0.04	-0.02	0.04
54440010	1425	0.0605	0.0704	7.11	<.0001	0.20	0.08	0.08	0.18	0.04	-0.04	-0.15	-0.15	-0.11	-0.06	-0.12	-0.17	-0.18	-0.02	-0.05	-0.01
55101010	5540	0.1041	0.1065	43.91	<.0001	-0.62	-0.07	-0.21	-0.23	-0.03	0.04	-0.07	0.02	0.00	-0.01	0.01	0.02	-0.01	0.01	-0.03	0.01
56116990	353	0.0980	0.1364	3.55	<.0001	0.15	0.13	0.09	-0.07	0.08	-0.04	-0.17	-0.12	-0.27	-0.03	-0.26	-0.20	-0.02	-0.05	-0.10	-0.14
56205200	170	0.1285	0.2059	2.66	0.0013	-0.48	0.03	-0.13	-0.05	-0.08	0.13	0.12	0.10	0.05	0.06	0.06	0.10	0.03	-0.03	-0.07	0.05
56205230	170	0.1285	0.2059	2.66	0.0013	-0.48	0.03	-0.13	-0.05	-0.08	0.13	0.12	0.10	0.05	0.06	0.06	0.10	0.03	-0.03	-0.07	0.05
56205240	49					1.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57308900	4					0.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58106210	13900	0.0119	0.0130	12.16	<.0001	-0.52	-0.10	-0.04	-0.05	-0.05	-0.01	0.00	-0.07	-0.01	0.01	0.00	-0.06	0.01	-0.03	-0.03	-0.03
58106220	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58106230	1					0.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58106310	90567	0.0191	0.0193	118.86	<.0001	-0.50	-0.04	-0.14	-0.13	0.00	-0.01	0.03	-0.01	0.01	0.03	0.03	0.00	0.01	0.03	0.01	0.01
58106320	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58106330	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58106360	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58106510	39					0.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58106520	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58106530	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58106710	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58106720	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58106730	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58106740	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58106750	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58106760	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58106780	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58106810	90567	0.0191	0.0193	118.86	<.0001	-0.50	-0.04	-0.14	-0.13	0.00	-0.01	0.03	-0.01	0.01	0.03	0.03	0.00	0.01	0.03	0.01	0.01
58106820	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58106830	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58106900	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58106910	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58106920	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58107000	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58107030	23					1.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58107050	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58107100	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58107210	93	0.2782	0.3959	3.36	0.0002	-0.18	0.13	-0.41	0.06	0.01	-0.12	0.04	0.00	-0.06	0.09	-0.05	0.13	-0.12	-0.07	-0.11	-0.06
58107220	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58107230	86859	0.0218	0.0220	130.20	<.0001	-0.48	-0.04	-0.15	-0.13	-0.01	-0.01	0.03	-0.01	0.02	0.03	0.03	-0.01	0.01	0.02	0.01	0.02
58108000	555	0.1673	0.1898	8.42	<.0001	-0.43	0.14	-0.11	0.03	-0.15	0.28	0.28	0.30	0.33	0.22	0.41	0.20	0.28	0.01	0.18	0.04
58108010	555	0.1673	0.1898	8.42	<.0001	-0.43	0.14	-0.11	0.03	-0.15	0.28	0.28	0.30	0.33	0.22	0.41	0.20	0.28	0.01	0.18	0.04
58108030	50					0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58108040	50					0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58108050	65916	0.0147	0.0149	66.49	<.0001	-0.49	0.01	-0.11	-0.05	0.01	0.00	-0.01	0.03	0.03	0.01	0.05	0.05	0.05	0.03	0.00	0.01
58109000	50					0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58109010	50					0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58123110	134	0.4171	0.4829	7.35	<.0001	-0.68	-0.74	-0.49	-0.36	0.08	0.01	-0.04	-0.01	0.04	0.15	-0.06	-0.04	0.01	0.08	0.09	0.26
58123120	134	0.4171	0.4829	7.35	<.0001	-0.68	-0.74	-0.49	-0.36	0.08	0.01	-0.04	-0.01	0.04	0.15	-0.06	-0.04	0.01	0.08	0.09	0.26
58126000	50					0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58126280	50					0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58126290	50					0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58126300	50					0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58127110	50					0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58127150	50					0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C.1 Continued

Food Code	N	Adj_R_Sq	R_Sq	F-Value	Prob-F	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
58130013	899	0.0265	0.0427	2.63	0.0007	-1.04	0.01	0.03	-0.04	-0.05	-0.11	-0.06	-0.07	0.03	-0.10	-0.12	0.00	-0.10	-0.02	-0.13	-0.09
58131323	899	0.0265	0.0427	2.63	0.0007	-1.04	0.01	0.03	-0.04	-0.05	-0.11	-0.06	-0.07	0.03	-0.10	-0.12	0.00	-0.10	-0.02	-0.13	-0.09
58131523	17254	0.0363	0.0371	44.34	<.0001	-1.55	0.04	-0.10	0.05	0.06	-0.10	-0.06	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.06	-0.02	-0.01
58132113	7626	0.0235	0.0254	13.21	<.0001	-1.76	-0.04	-0.06	-0.03	0.02	-0.12	-0.11	0.00	-0.02	0.00	-0.02	-0.02	-0.07	-0.08	-0.05	-0.04
58132313	9628	0.0211	0.0227	14.86	<.0001	-1.27	-0.05	-0.16	-0.09	0.00	-0.01	0.01	0.04	0.02	0.00	-0.01	0.02	0.01	0.03	0.04	0.04
58132713	9628	0.0211	0.0227	14.86	<.0001	-1.27	-0.05	-0.16	-0.09	0.00	-0.01	0.01	0.04	0.02	0.00	-0.01	0.02	0.01	0.03	0.04	0.04
58134613	9628	0.0211	0.0227	14.86	<.0001	-1.27	-0.05	-0.16	-0.09	0.00	-0.01	0.01	0.04	0.02	0.00	-0.01	0.02	0.01	0.03	0.04	0.04
58134623	7626	0.0235	0.0254	13.21	<.0001	-1.76	-0.04	-0.06	-0.03	0.02	-0.12	-0.11	0.00	-0.02	0.00	-0.02	-0.02	-0.07	-0.08	-0.05	-0.04
58145113	1004	0.0302	0.0447	3.08	<.0001	-1.11	0.08	-0.03	-0.02	-0.08	0.14	-0.07	0.18	0.14	0.06	0.05	0.03	0.11	0.08	0.08	0.10
58146200	9628	0.0211	0.0227	14.86	<.0001	-1.27	-0.05	-0.16	-0.09	0.00	-0.01	0.01	0.04	0.02	0.00	-0.01	0.02	0.01	0.03	0.04	0.04
58163310	50651	0.0249	0.0252	87.32	<.0001	-0.41	-0.02	-0.04	-0.15	-0.01	-0.03	-0.01	-0.05	-0.02	-0.04	-0.01	-0.04	-0.04	-0.05	-0.03	-0.03
58163400	50651	0.0249	0.0252	87.32	<.0001	-0.41	-0.02	-0.04	-0.15	-0.01	-0.03	-0.01	-0.05	-0.02	-0.04	-0.01	-0.04	-0.04	-0.05	-0.03	-0.03
58301010	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
58301020	779	0.0268	0.0456	2.43	0.0018	-0.40	-0.04	0.02	0.02	-0.05	0.01	-0.05	0.07	0.05	0.08	0.08	-0.01	0.14	0.09	0.05	0.14
58301030	779	0.0268	0.0456	2.43	0.0018	-0.40	-0.04	0.02	0.02	-0.05	0.01	-0.05	0.07	0.05	0.08	0.08	-0.01	0.14	0.09	0.05	0.14
58301050	779	0.0268	0.0456	2.43	0.0018	-0.40	-0.04	0.02	0.02	-0.05	0.01	-0.05	0.07	0.05	0.08	0.08	-0.01	0.14	0.09	0.05	0.14
58301080	779	0.0268	0.0456	2.43	0.0018	-0.40	-0.04	0.02	0.02	-0.05	0.01	-0.05	0.07	0.05	0.08	0.08	-0.01	0.14	0.09	0.05	0.14
58301110	17892	0.0111	0.0120	14.42	<.0001	-0.62	-0.02	-0.10	-0.08	-0.01	0.01	0.01	0.05	0.05	0.04	0.06	0.04	0.06	0.04	0.03	0.04
58301130	779	0.0268	0.0456	2.43	0.0018	-0.40	-0.04	0.02	0.02	-0.05	0.01	-0.05	0.07	0.05	0.08	0.08	-0.01	0.14	0.09	0.05	0.14
58301150	779	0.0268	0.0456	2.43	0.0018	-0.40	-0.04	0.02	0.02	-0.05	0.01	-0.05	0.07	0.05	0.08	0.08	-0.01	0.14	0.09	0.05	0.14
58302000	1					0.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58302010	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
58302030	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
58302040	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
58302050	182	0.1201	0.1931	2.65	0.0013	-0.24	0.06	0.01	-0.08	0.03	-0.12	0.00	0.07	0.09	-0.03	-0.01	-0.03	-0.10	-0.04	0.00	0.01
58302060	437	0.0809	0.1125	3.56	<.0001	-0.64	0.08	0.00	0.01	0.08	-0.09	0.06	0.05	0.04	-0.09	-0.01	-0.05	0.02	0.03	0.01	0.05
58302080	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
58303100	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
58303200	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
58304010	582	0.1082	0.1312	5.70	<.0001	-0.64	0.03	-0.05	-0.03	0.11	-0.13	0.06	0.06	0.07	-0.04	0.02	-0.03	0.08	0.06	0.00	0.06
58304020	5					0.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58304030	5					0.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58304050	437	0.0809	0.1125	3.56	<.0001	-0.64	0.08	0.00	0.01	0.08	-0.09	0.06	0.05	0.04	-0.09	-0.01	-0.05	0.02	0.03	0.01	0.05
58304060	437	0.0809	0.1125	3.56	<.0001	-0.64	0.08	0.00	0.01	0.08	-0.09	0.06	0.05	0.04	-0.09	-0.01	-0.05	0.02	0.03	0.01	0.05
58304200	938	0.0564	0.0715	4.74	<.0001	-0.15	0.02	-0.04	-0.03	-0.04	-0.11	-0.03	-0.02	0.02	0.02	-0.03	-0.12	0.02	0.02	0.03	0.02
58304220	65916	0.0147	0.0149	66.49	<.0001	-0.49	0.01	-0.11	-0.05	0.01	0.00	-0.01	0.03	0.03	0.01	0.05	0.05	0.05	0.03	0.00	0.01
58304230	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
58304250	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
58304300	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
58304350	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
58304400	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
58305010	210	0.2518	0.3055	5.69	<.0001	-0.24	-0.13	-0.20	-0.05	0.07	-0.09	-0.10	-0.14	0.00	0.03	0.06	-0.05	0.04	0.07	0.09	-0.02
58305100	65916	0.0147	0.0149	66.49	<.0001	-0.49	0.01	-0.11	-0.05	0.01	0.00	-0.01	0.03	0.03	0.01	0.05	0.05	0.05	0.03	0.00	0.01
58305200	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
58305250	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
58306010	1543	0.2324	0.2399	32.13	<.0001	-0.28	0.01	0.11	-0.46	0.08	0.01	0.11	0.01	0.06	0.03	-0.12	0.02	-0.05	-0.05	-0.01	-0.06
58306020	1294	0.1063	0.1167	11.26	<.0001	-0.12	-0.11	-0.05	-0.25	0.01	0.02	-0.03	0.04	0.02	0.11	0.04	-0.05	-0.08	-0.02	-0.14	0.01
58306030	278	0.2119	0.2546	5.97	<.0001	-0.38	-0.02	-0.30	-0.38	0.09	-0.06	-0.41	-0.17	0.01	0.05	-0.20	-0.09	-0.10	-0.39	-0.08	-0.21
58306050	1294	0.1063	0.1167	11.26	<.0001	-0.12	-0.11	-0.05	-0.25	0.01	0.02	-0.03	0.04	0.02	0.11	0.04	-0.05	-0.08	-0.02	-0.14	0.01
58306070	1543	0.2324	0.2399	32.13	<.0001	-0.28	0.01	0.11	-0.46	0.08	0.01	0.11	0.01	0.06	0.03	-0.12	0.02	-0.05	-0.05	-0.01	-0.06
58306100	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
58306150	689	0.0806	0.1006	5.02	<.0001	-0.05	-0.16	-0.10	-0.09	0.02	-0.04	-0.02	0.02	-0.05	0.07	0.00	-0.14	0.06	-0.08	0.05	0.06
58306200	537	0.1099	0.1348	5.41	<.0001	0.12	-0.04	-0.17	-0.16	0.07	-0.05	-0.01	-0.18	-0.02	-0.02	-0.08	-0.02	-0.03	-0.08	-0.13	-0.09
58306500	5					0.70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C.1 Continued

Food Code	N	Adj_R_Sq	R_Sq	F-Value	Prob-F	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
58306800	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
58307010	384	0.0490	0.0862	2.31	0.0037	-0.32	0.10	0.01	0.01	-0.02	-0.09	0.06	0.06	0.01	0.05	-0.02	-0.05	0.06	0.02	0.00	0.09
58309000	84857	0.0170	0.0172	98.73	<.0001	-0.52	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.02	-0.02	-0.02	0.00
58310110	26118	0.0331	0.0337	60.64	<.0001	-0.10	0.04	0.02	-0.05	-0.13	0.08	0.06	0.03	0.03	0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.03
58310210	470	0.1862	0.2122	8.15	<.0001	-0.03	-0.11	-0.09	-0.25	-0.05	0.07	0.01	-0.06	0.09	0.08	0.09	0.09	-0.01	0.11	-0.02	0.03
58310310	1373	0.0776	0.0877	8.70	<.0001	-0.10	-0.15	-0.10	-0.17	-0.03	0.12	0.15	0.10	0.18	0.14	0.11	0.08	0.07	0.12	0.05	0.04
58310410	26118	0.0331	0.0337	60.64	<.0001	-0.10	0.04	0.02	-0.05	-0.13	0.08	0.06	0.03	0.03	0.01	0.01	-0.01	-0.01	-0.01	-0.01	-0.03
58403060	17972	0.0472	0.0480	60.34	<.0001	-1.69	-0.03	-0.13	-0.05	-0.04	-0.05	0.02	0.03	0.07	0.09	0.10	0.08	0.05	0.01	-0.01	0.02
58404040	17972	0.0472	0.0480	60.34	<.0001	-1.69	-0.03	-0.13	-0.05	-0.04	-0.05	0.02	0.03	0.07	0.09	0.10	0.08	0.05	0.01	-0.01	0.02
58404050	17972	0.0472	0.0480	60.34	<.0001	-1.69	-0.03	-0.13	-0.05	-0.04	-0.05	0.02	0.03	0.07	0.09	0.10	0.08	0.05	0.01	-0.01	0.02
58508000	395	0.0672	0.1027	2.89	0.0002	-0.92	0.12	-0.02	-0.01	0.02	-0.13	-0.05	-0.08	0.13	-0.13	-0.06	-0.02	-0.04	0.02	-0.13	-0.09
59003000	17066	0.0108	0.0117	13.40	<.0001	0.20	-0.06	-0.04	-0.04	-0.01	-0.05	-0.05	-0.03	-0.05	-0.03	-0.08	-0.05	-0.03	-0.06	-0.04	0.00
61104200	653	0.0271	0.0495	2.21	0.0052	-1.14	-0.10	-0.06	-0.10	-0.04	-0.03	-0.05	0.01	-0.10	-0.04	0.02	0.01	-0.09	-0.03	-0.03	-0.01
61104220	653	0.0271	0.0495	2.21	0.0052	-1.14	-0.10	-0.06	-0.10	-0.04	-0.03	-0.05	0.01	-0.10	-0.04	0.02	0.01	-0.09	-0.03	-0.03	-0.01
61104230	653	0.0271	0.0495	2.21	0.0052	-1.14	-0.10	-0.06	-0.10	-0.04	-0.03	-0.05	0.01	-0.10	-0.04	0.02	0.01	-0.09	-0.03	-0.03	-0.01
61119020	10420	0.0152	0.0166	11.72	<.0001	-1.49	-0.03	-0.07	-0.01	-0.05	0.00	0.06	0.03	0.04	0.06	0.05	0.03	0.06	-0.03	0.01	0.01
61210000	133838	0.0405	0.0406	377.32	<.0001	-1.99	-0.15	-0.23	-0.23	-0.01	-0.02	-0.02	0.00	-0.02	0.01	-0.02	-0.01	-0.01	-0.01	-0.01	0.00
61210230	133838	0.0405	0.0406	377.32	<.0001	-1.99	-0.15	-0.23	-0.23	-0.01	-0.02	-0.02	0.00	-0.02	0.01	-0.02	-0.01	-0.01	-0.01	-0.01	0.00
61210250	133087	0.0410	0.0411	380.27	<.0001	-1.99	-0.15	-0.24	-0.23	-0.01	-0.01	-0.02	0.00	-0.02	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00
61210730	23278	0.0151	0.0157	24.72	<.0001	-1.25	0.07	-0.05	0.01	0.00	-0.03	-0.02	-0.02	-0.02	0.02	0.00	0.01	-0.01	0.00	-0.01	0.01
61210820	23278	0.0151	0.0157	24.72	<.0001	-1.25	0.07	-0.05	0.01	0.00	-0.03	-0.02	-0.02	-0.02	0.02	0.00	0.01	-0.01	0.00	-0.01	0.01
61214000	204	0.3294	0.3790	7.65	<.0001	-1.48	0.22	0.16	0.26	0.06	-0.10	-0.07	-0.05	0.17	-0.13	0.08	0.06	-0.08	-0.07	0.00	0.01
61216010	6					0.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61216230	6					0.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61219000	331	0.0487	0.0919	2.13	0.0088	-1.84	-0.13	-0.08	-0.03	-0.05	0.01	-0.11	-0.11	0.05	-0.07	-0.03	-0.18	-0.14	0.03	-0.04	-0.06
61219100	12					0.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61219150	133087	0.0410	0.0411	380.27	<.0001	-1.99	-0.15	-0.24	-0.23	-0.01	-0.01	-0.02	0.00	-0.02	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00
61219650	28					0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61222000	204	0.3294	0.3790	7.65	<.0001	-1.48	0.22	0.16	0.26	0.06	-0.10	-0.07	-0.05	0.17	-0.13	0.08	0.06	-0.08	-0.07	0.00	0.01
61222200	204	0.3294	0.3790	7.65	<.0001	-1.48	0.22	0.16	0.26	0.06	-0.10	-0.07	-0.05	0.17	-0.13	0.08	0.06	-0.08	-0.07	0.00	0.01
61222220	204	0.3294	0.3790	7.65	<.0001	-1.48	0.22	0.16	0.26	0.06	-0.10	-0.07	-0.05	0.17	-0.13	0.08	0.06	-0.08	-0.07	0.00	0.01
61222230	204	0.3294	0.3790	7.65	<.0001	-1.48	0.22	0.16	0.26	0.06	-0.10	-0.07	-0.05	0.17	-0.13	0.08	0.06	-0.08	-0.07	0.00	0.01
61225000	204	0.3294	0.3790	7.65	<.0001	-1.48	0.22	0.16	0.26	0.06	-0.10	-0.07	-0.05	0.17	-0.13	0.08	0.06	-0.08	-0.07	0.00	0.01
61225200	204	0.3294	0.3790	7.65	<.0001	-1.48	0.22	0.16	0.26	0.06	-0.10	-0.07	-0.05	0.17	-0.13	0.08	0.06	-0.08	-0.07	0.00	0.01
61225220	204	0.3294	0.3790	7.65	<.0001	-1.48	0.22	0.16	0.26	0.06	-0.10	-0.07	-0.05	0.17	-0.13	0.08	0.06	-0.08	-0.07	0.00	0.01
61225230	204	0.3294	0.3790	7.65	<.0001	-1.48	0.22	0.16	0.26	0.06	-0.10	-0.07	-0.05	0.17	-0.13	0.08	0.06	-0.08	-0.07	0.00	0.01
62101050	200	0.2664	0.3217	5.82	<.0001	-0.01	-0.07	0.25	0.04	0.16	-0.20	-0.14	0.02	-0.56	-0.09	0.00	-0.12	0.07	-0.01	0.19	0.05
62101230	30					1.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62101300	599	0.0826	0.1056	4.59	<.0001	0.44	0.06	0.02	0.04	-0.06	-0.05	0.12	0.12	0.17	0.24	0.01	0.08	0.09	0.21	0.09	0.06
62104230	211	0.3096	0.3589	7.28	<.0001	-0.88	-0.29	-0.10	-0.36	0.10	-0.19	0.29	0.15	0.08	-0.05	-0.16	0.27	-0.04	-0.09	0.14	0.05
62107200	651	0.1736	0.1927	10.10	<.0001	-0.45	0.15	-0.21	0.15	0.21	-0.04	-0.02	0.06	0.02	-0.12	0.01	-0.04	-0.11	-0.06	-0.06	-0.04
62113230	415	0.3001	0.3254	12.83	<.0001	0.03	-0.49	-0.25	-0.30	0.05	-0.12	0.08	-0.12	-0.13	0.13	0.12	-0.10	-0.13	0.32	0.16	-0.08
62114050	236	0.0173	0.0800	1.28	0.2193	0.26	0.16	-0.04	-0.03	-0.03	-0.14	0.12	-0.12	-0.15	-0.12	-0.06	-0.14	-0.03	-0.05	-0.08	-0.15
62116230	200	0.2664	0.3217	5.82	<.0001	-0.01	-0.07	0.25	0.04	0.16	-0.20	-0.14	0.02	-0.56	-0.09	0.00	-0.12	0.07	-0.01	0.19	0.05
62119230	18					0.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62122230	5624	0.0111	0.0138	5.22	<.0001	-0.76	-0.06	-0.09	-0.07	-0.02	0.02	0.05	0.00	0.00	0.02	0.04	0.03	0.03	-0.01	0.01	0.03
62125110	17801	0.0263	0.0271	33.04	<.0001	-0.74	-0.04	-0.09	-0.12	-0.05	0.06	0.07	0.03	0.03	0.02	-0.03	0.06	0.08	0.09	0.08	0.02
62126000	3					0.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63133100	61					0.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63135620	558	0.1315	0.1549	6.62	<.0001	-0.77	0.04	-0.05	-0.11	0.06	-0.05	0.01	0.02	-0.12	0.01	-0.02	0.01	0.00	-0.05	0.04	-0.03
63147140	1					0.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63200100	51051	0.0460	0.0463	165.02	<.0001	-0.75	-0.10	-0.10	0.02	0.01	-0.03	0.01	-0.06	-0.16	-0.24	-0.17	-0.14	-0.04	-0.05	0.03	-0.02
63201800	467	0.0561	0.0865	2.85	0.0003	-0.47	0.07	0.05	-0.04	-0.07	0.00	-0.02	-0.02	-0.03	0.03	0.04	0.04	-0.09	-0.02	-0.03	-0.02
63203120	157	0.1838	0.2623	3.34	<.0001	-0.47	-0.04	-0.13	-0.21	0.03	-0.08	0.02	-0.14	-0.02	0.14	-0.03	-0.02	0.02	0.10	0.09	-0.11

Table C.1 Continued

Food Code	N	Adj_R_Sq	R_Sq	F-Value	Prob-F	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
63219120	40					0.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63223120	174	-0.0389	0.0512	0.57	0.8959	-1.47	0.02	0.10	0.00	0.01	0.04	0.02	0.08	0.01	0.02	0.00	-0.04	-0.01	0.02	0.05	-0.01
63223600	4534	0.0323	0.0355	11.08	<.0001	-0.92	0.03	0.03	-0.04	0.04	-0.08	-0.09	-0.09	-0.08	-0.10	-0.08	-0.08	-0.07	-0.04	-0.04	-0.02
63223620	4534	0.0323	0.0355	11.08	<.0001	-0.92	0.03	0.03	-0.04	0.04	-0.08	-0.09	-0.09	-0.08	-0.10	-0.08	-0.08	-0.07	-0.04	-0.04	-0.02
63307100	167	0.3246	0.3856	6.32	<.0001	-1.43	0.44	0.17	0.57	0.18	-0.25	0.17	-0.03	0.11	-0.67	-0.19	0.12	0.06	-0.06	0.05	-0.03
63311080	621	0.0546	0.0774	3.39	<.0001	-1.00	-0.12	-0.07	-0.06	0.07	0.08	-0.10	-0.03	-0.15	-0.10	-0.04	-0.16	-0.02	0.21	0.02	-0.06
63311110	10301	0.0358	0.0372	26.52	<.0001	-1.57	-0.06	-0.16	-0.05	0.00	0.03	0.02	0.05	0.01	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
63420200	3125	0.0535	0.0580	12.77	<.0001	-0.25	-0.20	-0.17	-0.09	-0.01	-0.07	-0.04	-0.02	-0.07	-0.08	-0.04	-0.06	-0.03	-0.08	-0.27	-0.08
64104050	35236	0.0377	0.0381	93.02	<.0001	-2.33	-0.22	-0.21	-0.20	-0.03	0.02	0.05	0.02	0.02	0.05	0.02	0.01	0.01	-0.02	-0.04	0.00
64104090	35236	0.0377	0.0381	93.02	<.0001	-2.33	-0.22	-0.21	-0.20	-0.03	0.02	0.05	0.02	0.02	0.05	0.02	0.01	0.01	-0.02	-0.04	0.00
64104150	21					0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64104450	10					0.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64104500	723	0.2193	0.2355	14.52	<.0001	-2.16	0.17	0.36	0.24	-0.01	-0.14	-0.05	-0.12	-0.11	-0.07	-0.12	-0.12	-0.04	-0.02	-0.06	-0.13
64104550	723	0.2193	0.2355	14.52	<.0001	-2.16	0.17	0.36	0.24	-0.01	-0.14	-0.05	-0.12	-0.11	-0.07	-0.12	-0.12	-0.04	-0.02	-0.06	-0.13
64105500	91	0.6555	0.7129	12.41	<.0001	-0.80	0.05	-0.10	-0.16	-0.13	0.08	0.12	0.23	0.16	-0.03	0.21	0.05	0.07	0.04	-0.04	-0.28
64116010	15400	0.0559	0.0568	61.79	<.0001	-1.83	-0.03	-0.14	-0.25	-0.06	0.02	0.03	0.04	0.07	0.01	-0.02	0.02	0.05	0.01	0.02	-0.01
64116050	15400	0.0559	0.0568	61.79	<.0001	-1.83	-0.03	-0.14	-0.25	-0.06	0.02	0.03	0.04	0.07	0.01	-0.02	0.02	0.05	0.01	0.02	-0.01
64116100	15400	0.0559	0.0568	61.79	<.0001	-1.83	-0.03	-0.14	-0.25	-0.06	0.02	0.03	0.04	0.07	0.01	-0.02	0.02	0.05	0.01	0.02	-0.01
64121000	204	0.3294	0.3790	7.65	<.0001	-1.48	0.22	0.16	0.26	0.06	-0.10	-0.07	-0.05	0.17	-0.13	0.08	0.06	-0.08	-0.07	0.00	0.01
64124030	4010	0.0557	0.0593	16.78	<.0001	-2.04	-0.13	-0.08	-0.20	0.01	-0.02	-0.01	-0.02	-0.11	0.03	-0.02	-0.01	0.04	0.08	0.02	0.00
64124200	4010	0.0557	0.0593	16.78	<.0001	-2.04	-0.13	-0.08	-0.20	0.01	-0.02	-0.01	-0.02	-0.11	0.03	-0.02	-0.01	0.04	0.08	0.02	0.00
64125000	4010	0.0557	0.0593	16.78	<.0001	-2.04	-0.13	-0.08	-0.20	0.01	-0.02	-0.01	-0.02	-0.11	0.03	-0.02	-0.01	0.04	0.08	0.02	0.00
64132030	3539	0.0232	0.0274	6.61	<.0001	-1.91	-0.09	-0.01	0.00	0.01	-0.03	-0.03	-0.02	0.02	0.00	-0.02	-0.01	0.03	-0.01	0.02	0.03
64201500	40					0.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64202010	952	0.1370	0.1506	11.06	<.0001	-1.69	-0.13	0.14	-0.16	-0.01	-0.16	-0.16	-0.12	-0.16	-0.25	-0.26	-0.02	-0.13	-0.28	-0.17	-0.20
64203020	1033	0.0945	0.1076	8.18	<.0001	-1.94	-0.11	-0.11	-0.10	-0.05	0.08	0.06	0.17	-0.06	-0.04	0.10	0.11	-0.04	-0.02	0.11	0.07
64204010	1112	0.0222	0.0354	2.68	0.0005	-1.94	0.10	0.01	-0.04	-0.02	-0.04	0.02	0.05	-0.03	-0.08	-0.04	0.01	-0.04	-0.04	-0.12	-0.01
64213010	5					0.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64221010	952	0.1370	0.1506	11.06	<.0001	-1.69	-0.13	0.14	-0.16	-0.01	-0.16	-0.16	-0.12	-0.16	-0.25	-0.26	-0.02	-0.13	-0.28	-0.17	-0.20
67100200	1					0.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67101000	1					0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67101010	1					0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67101020	1					0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67102000	302	0.1131	0.1573	3.56	<.0001	-1.03	0.11	0.13	0.08	0.05	-0.03	0.00	-0.04	-0.10	0.02	0.01	-0.06	-0.06	-0.03	-0.02	-0.05
67104000	1					0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67104040	1356	0.0298	0.0405	3.78	<.0001	-0.76	0.04	0.00	-0.03	0.05	-0.02	0.05	0.00	-0.06	-0.01	-0.07	-0.11	-0.06	-0.02	-0.04	-0.13
67104090	1					0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67108000	599	0.1053	0.1278	5.69	<.0001	-0.76	-0.03	0.04	-0.06	0.03	-0.14	-0.12	-0.05	-0.17	-0.17	0.03	-0.12	-0.12	-0.06	-0.08	-0.07
67109000	584	0.1630	0.1845	8.57	<.0001	-0.77	-0.10	0.04	-0.12	0.00	-0.07	-0.13	-0.18	-0.04	-0.19	0.03	-0.02	0.09	-0.01	-0.01	-0.04
67113010	186	0.1980	0.2630	4.04	<.0001	-1.09	0.13	0.08	-0.02	0.06	-0.01	-0.02	-0.13	-0.10	-0.08	-0.08	-0.12	-0.09	0.03	0.03	-0.02
67113020	1					0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67114000	1					0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67203000	731	0.0652	0.0844	4.39	<.0001	-1.23	0.04	0.02	-0.17	0.06	-0.14	-0.08	-0.02	-0.01	-0.15	0.00	-0.15	-0.07	-0.09	0.10	-0.05
67203800	12575	0.0641	0.0652	58.42	<.0001	-1.82	-0.02	-0.14	-0.23	-0.08	0.01	0.05	0.04	0.12	0.05	0.01	0.02	0.04	0.03	0.01	-0.01
67304000	1					0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67307000	1					0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67308000	94	0.1613	0.2966	2.19	0.0133	-0.93	0.04	-0.03	-0.03	-0.06	-0.02	-0.05	-0.06	0.03	0.00	-0.01	-0.08	-0.02	-0.01	-0.05	0.03
67309000	131	0.3309	0.4081	5.29	<.0001	-1.08	0.15	0.27	0.22	-0.03	-0.06	-0.03	-0.03	0.06	-0.12	-0.07	-0.02	0.05	-0.05	-0.06	-0.04
67404000	251	0.1351	0.1870	3.60	<.0001	-0.94	0.15	0.12	0.08	-0.01	-0.10	-0.12	-0.12	-0.10	-0.22	-0.11	-0.11	-0.10	-0.07	-0.10	-0.07
67405000	176	0.0876	0.1658	2.12	0.0114	-0.92	0.00	0.04	-0.02	0.02	-0.11	-0.05	-0.01	-0.07	-0.12	-0.05	-0.09	-0.03	0.04	-0.03	-0.03
67410000	82	0.0351	0.2138	1.20	0.2970	-1.02	-0.01	0.04	-0.13	-0.05	0.07	0.11	-0.06	0.03	-0.49	0.10	0.00	-0.01	0.09	0.03	-0.22
67412000	210	0.1146	0.1781	2.80	0.0006	-1.01	0.08	0.13	0.09	0.02	0.02	-0.07	-0.05	-0.10	-0.12	0.04	0.14	-0.04	0.04	0.02	-0.03
67415000	1					0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71201300	961	0.2775	0.2888	25.58	<.0001	0.03	-0.08	-0.37	-0.09	-0.10	0.10	0.19	0.10	0.19	0.07	0.06	-0.01	0.11	0.11	0.11	0.21

Table C.1 Continued

Food Code	N	Adj_R_Sq	R_Sq	F-Value	Prob-F	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
71204000	11120	0.0028	0.0042	3.11	<.0001	-1.46	0.04	0.01	0.03	0.00	-0.05	-0.06	-0.04	-0.04	-0.02	-0.01	-0.06	-0.03	-0.06	-0.02	0.01
71410000	114668	0.0803	0.0804	668.07	<.0001	-2.53	0.12	-0.11	0.09	0.23	-0.10	-0.09	-0.07	0.00	0.05	0.09	0.17	0.17	0.07	0.03	-0.02
71410500	114668	0.0803	0.0804	668.07	<.0001	-2.53	0.12	-0.11	0.09	0.23	-0.10	-0.09	-0.07	0.00	0.05	0.09	0.17	0.17	0.07	0.03	-0.02
71411000	114668	0.0803	0.0804	668.07	<.0001	-2.53	0.12	-0.11	0.09	0.23	-0.10	-0.09	-0.07	0.00	0.05	0.09	0.17	0.17	0.07	0.03	-0.02
71503010	259	0.2408	0.2849	6.45	<.0001	-1.21	-0.12	-0.28	-0.01	-0.06	-0.13	0.37	0.42	0.46	0.21	0.27	0.46	0.32	0.31	0.27	0.53
71508120	3377	0.0553	0.0595	14.16	<.0001	-0.70	-0.10	-0.09	-0.11	0.05	-0.02	-0.09	-0.09	0.00	-0.04	-0.01	-0.06	-0.01	-0.01	0.07	-0.01
73112000	651	0.1736	0.1927	10.10	<.0001	-0.45	0.15	-0.21	0.15	0.21	-0.04	-0.02	0.06	0.02	-0.12	0.01	-0.04	-0.11	-0.06	-0.06	-0.04
74402250	442	0.1328	0.1623	5.50	<.0001	-1.37	-0.25	-0.14	-0.36	-0.07	0.04	0.06	-0.10	-0.20	0.00	-0.07	0.07	0.01	0.06	0.06	0.09
74404030	5261	0.0954	0.0980	37.98	<.0001	-1.68	-0.18	-0.14	-0.27	0.12	-0.15	-0.19	-0.15	-0.13	-0.20	-0.14	-0.14	-0.07	0.00	0.00	0.04
74604500	331	0.2197	0.2552	7.19	<.0001	-1.12	-0.09	-0.06	-0.21	-0.05	-0.06	-0.08	-0.04	-0.09	-0.01	-0.13	-0.06	-0.24	-0.03	-0.02	-0.24
74604600	331	0.2197	0.2552	7.19	<.0001	-1.12	-0.09	-0.06	-0.21	-0.05	-0.06	-0.08	-0.04	-0.09	-0.01	-0.13	-0.06	-0.24	-0.03	-0.02	-0.24
75100300	2231	0.1186	0.1245	21.01	<.0001	-0.65	0.65	0.56	0.40	0.05	-0.01	0.07	0.02	0.12	0.09	0.00	0.02	-0.05	-0.06	0.02	0.13
75113070	15183	0.0916	0.0925	103.10	<.0001	-1.56	0.13	0.17	0.18	0.03	0.07	0.06	0.09	-0.03	-0.04	-0.07	-0.07	-0.06	-0.02	-0.01	0.01
75121000	7365	0.0641	0.0660	34.62	<.0001	-1.38	0.45	0.23	0.17	-0.02	0.17	0.07	0.05	0.11	0.15	0.11	0.08	0.07	-0.12	0.06	0.10
75127500	32					6.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75201030	13861	0.0564	0.0574	56.21	<.0001	-0.88	0.17	-0.23	-0.10	0.06	0.08	0.03	0.04	0.01	-0.09	-0.08	-0.08	-0.02	0.02	0.04	0.07
75232000	32					6.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75365000	6					3.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75410500	5					0.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75412060	338	0.2138	0.2488	7.11	<.0001	0.09	-0.52	-0.04	-0.50	0.11	-0.05	-0.06	0.00	-0.04	0.15	-0.02	-0.03	0.05	0.12	0.07	0.16
75415022	2093	0.0495	0.0564	8.27	<.0001	-0.58	-0.11	-0.20	-0.23	-0.04	-0.15	-0.19	-0.17	-0.24	-0.08	-0.13	-0.14	-0.25	-0.08	-0.25	-0.16
75440170	899	0.1025	0.1175	7.84	<.0001	-1.02	-0.24	-0.30	-0.28	-0.05	0.00	0.02	-0.03	0.00	-0.03	0.07	0.02	-0.03	-0.02	-0.12	-0.04
75510030	148	0.2736	0.3478	4.69	<.0001	-0.55	0.07	0.32	0.14	-0.12	-0.06	0.07	0.10	0.10	-0.27	-0.15	-0.03	0.05	-0.16	-0.08	0.04
75649010	3566	0.0429	0.0470	11.66	<.0001	-1.40	0.03	-0.04	-0.13	0.01	-0.06	-0.03	0.01	-0.03	-0.04	-0.10	-0.04	0.02	0.02	0.01	-0.09
75649030	3566	0.0429	0.0470	11.66	<.0001	-1.40	0.03	-0.04	-0.13	0.01	-0.06	-0.03	0.01	-0.03	-0.04	-0.10	-0.04	0.02	0.02	0.01	-0.09
75651010	116987	0.0265	0.0267	213.64	<.0001	-1.38	-0.05	-0.15	-0.10	-0.02	-0.05	0.00	0.02	0.04	0.05	0.06	0.04	0.03	-0.01	0.00	-0.01
75651080	3612	0.0358	0.0398	9.94	<.0001	-1.19	-0.01	-0.05	-0.09	-0.01	0.04	0.06	0.02	0.06	0.09	0.05	0.05	0.00	0.02	0.00	0.05
75656060	708	0.0879	0.1073	5.54	<.0001	-1.10	-0.12	-0.09	-0.09	0.00	0.11	0.05	0.04	0.08	0.22	0.21	0.13	0.04	-0.03	-0.03	0.14
76102030	171	0.1260	0.2031	2.63	0.0014	-0.93	0.05	0.11	-0.01	0.05	-0.04	0.02	-0.05	-0.07	-0.10	-0.13	-0.05	0.00	0.05	0.13	-0.07
76202000	1588	0.0680	0.0768	8.72	<.0001	-0.92	0.05	0.18	0.01	0.06	-0.01	0.08	0.08	0.13	0.04	0.02	0.13	0.03	0.08	0.05	0.03
76407010	623	0.1370	0.1579	7.59	<.0001	-1.07	0.16	0.16	0.02	0.07	-0.04	0.06	-0.01	0.02	-0.09	0.06	0.04	-0.01	-0.01	0.07	0.01
81104500	1386	0.3440	0.3512	49.43	<.0001	-1.97	0.59	-0.05	0.28	-0.02	0.20	-0.03	0.13	0.07	0.12	0.14	0.23	0.21	0.20	0.15	0.03
81105010	6					0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82105800	104	0.3186	0.4179	4.21	<.0001	-2.12	0.18	-0.11	-0.15	0.06	0.25	0.34	0.19	0.30	0.32	0.16	0.26	0.21	0.04	0.24	0.12
82108250	2022	0.1232	0.1297	19.92	<.0001	-2.00	-0.30	-0.31	-0.22	0.05	0.03	-0.02	-0.02	-0.04	-0.02	0.02	0.02	0.03	0.01	-0.03	-0.04
83112950	501	0.1500	0.1755	6.88	<.0001	-0.21	-0.49	-0.21	-0.30	0.04	-0.01	-0.03	-0.09	-0.03	-0.04	-0.02	0.05	0.10	-0.16	0.06	-0.17
83210000	501	0.1500	0.1755	6.88	<.0001	-0.21	-0.49	-0.21	-0.30	0.04	-0.01	-0.03	-0.09	-0.03	-0.04	-0.02	0.05	0.10	-0.16	0.06	-0.17
91104100	310	0.1879	0.2273	5.77	<.0001	0.26	0.14	-0.51	0.11	0.05	0.27	-0.28	0.44	0.07	0.38	0.06	0.02	0.23	-0.27	0.26	0.25
91106000	2975	0.0767	0.0813	17.46	<.0001	0.65	0.02	-0.19	-0.19	0.02	-0.01	0.00	-0.02	0.00	-0.02	0.05	0.03	-0.01	0.00	0.00	0.02
91200110	161	0.0882	0.1737	2.03	0.0167	-0.35	0.17	-0.03	-0.20	0.09	0.19	0.13	0.15	0.18	0.24	-0.09	0.00	0.13	0.08	0.12	0.24
91301020	10					0.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91301040	2431	0.0616	0.0674	11.63	<.0001	-1.48	-0.04	-0.14	-0.18	-0.02	0.02	-0.06	0.03	-0.09	-0.03	0.02	-0.02	0.11	-0.02	-0.07	0.06
91301050	2796	0.0830	0.0879	17.86	<.0001	-1.08	-0.32	-0.26	-0.37	0.16	-0.13	-0.05	-0.02	-0.04	0.01	-0.06	-0.02	-0.08	-0.12	0.01	-0.03
91301130	2796	0.0830	0.0879	17.86	<.0001	-1.08	-0.32	-0.26	-0.37	0.16	-0.13	-0.05	-0.02	-0.04	0.01	-0.06	-0.02	-0.08	-0.12	0.01	-0.03
91304070	799	0.1581	0.1740	10.99	<.0001	-0.41	-0.34	-0.17	-0.29	-0.16	0.06	-0.07	0.05	0.07	-0.15	-0.08	-0.03	-0.08	0.11	0.11	-0.02
91304250	63					0.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91304300	799	0.1581	0.1740	10.99	<.0001	-0.41	-0.34	-0.17	-0.29	-0.16	0.06	-0.07	0.05	0.07	-0.15	-0.08	-0.03	-0.08	0.11	0.11	-0.02
91351020	538	0.1394	0.1634	6.80	<.0001	-0.27	0.03	-0.04	-0.17	0.01	0.18	0.07	0.03	0.09	0.20	0.18	0.11	0.15	0.08	0.10	0.10
91361050	3					0.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91361070	2					0.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91402000	8554	0.0530	0.0547	32.94	<.0001	-0.85	-0.19	-0.25	-0.32	0.06	-0.12	-0.11	-0.06	-0.04	-0.08	-0.10	-0.04	-0.16	-0.09	-0.11	0.01
91406500	2275	0.0683	0.0744	12.11	<.0001	-0.80	-0.25	0.04	-0.24	0.07	0.00	-0.10	-0.04	-0.14	-0.02	-0.09	-0.10	-0.23	0.00	0.08	0.07
91406600	2					0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91611050	8935	0.0178	0.0195	11.80	<.0001	-1.45	0.01	-0.10	-0.06	0.01	0.05	0.06	0.01	0.01	0.01	-0.01	-0.09	-0.06	-0.04	0.04	0.05

Table C.1 Continued

Food Code	N	Adj_R_Sq	R_Sq	F-Value	Prob-F	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
91701010	195903	0.0055	0.0056	73.72	<.0001	-0.19	0.04	-0.05	-0.04	-0.01	0.02	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.02	-0.01	-0.01	-0.01
91701030	3361	0.0596	0.0638	15.19	<.0001	-0.63	0.09	0.08	-0.02	0.13	-0.08	-0.06	0.03	0.08	0.06	0.01	-0.01	0.03	0.03	0.03	-0.01
91703030	29					0.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91703040	2404	0.0543	0.0602	10.19	<.0001	-0.46	0.01	-0.10	-0.13	0.00	-0.02	-0.18	-0.07	-0.12	-0.05	-0.07	-0.04	-0.11	-0.20	-0.21	-0.18
91703050	2404	0.0543	0.0602	10.19	<.0001	-0.46	0.01	-0.10	-0.13	0.00	-0.02	-0.18	-0.07	-0.12	-0.05	-0.07	-0.04	-0.11	-0.20	-0.21	-0.18
91703080	24					1.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91703150	195903	0.0055	0.0056	73.72	<.0001	-0.19	0.04	-0.05	-0.04	-0.01	0.02	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.02	-0.01	-0.01	-0.01
91703500	161250	0.0075	0.0076	82.00	<.0001	-0.36	-0.06	-0.13	-0.07	0.04	-0.08	-0.05	-0.09	-0.14	-0.08	-0.06	-0.06	-0.07	-0.10	-0.16	-0.09
91705040	4					1.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91705050	195903	0.0055	0.0056	73.72	<.0001	-0.19	0.04	-0.05	-0.04	-0.01	0.02	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.02	-0.01	-0.01	-0.01
91705090	2119	0.0170	0.0240	3.44	<.0001	-0.26	0.01	-0.04	-0.04	0.03	-0.07	-0.04	-0.04	-0.01	-0.03	0.00	-0.07	-0.08	-0.05	0.00	-0.03
91705410	195903	0.0055	0.0056	73.72	<.0001	-0.19	0.04	-0.05	-0.04	-0.01	0.02	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.02	-0.01	-0.01	-0.01
91706100	34					0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91706400	34					0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91708010	4					0.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91708040	1775	0.0978	0.1054	13.82	<.0001	-0.50	0.01	0.08	0.11	0.46	-0.46	-0.09	0.08	0.08	-0.26	-0.35	-0.21	-0.39	-0.25	-0.21	-0.10
91708070	195903	0.0055	0.0056	73.72	<.0001	-0.19	0.04	-0.05	-0.04	-0.01	0.02	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.02	-0.01	-0.01	-0.01
91708100	195903	0.0055	0.0056	73.72	<.0001	-0.19	0.04	-0.05	-0.04	-0.01	0.02	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.02	-0.01	-0.01	-0.01
91709000	195903	0.0055	0.0056	73.72	<.0001	-0.19	0.04	-0.05	-0.04	-0.01	0.02	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.02	-0.01	-0.01	-0.01
91713050	462	0.1512	0.1788	6.47	<.0001	0.19	-0.07	0.05	-0.38	0.11	-0.15	0.26	0.13	0.16	0.12	0.30	0.02	0.07	-0.08	0.10	0.06
91713060	462	0.1512	0.1788	6.47	<.0001	0.19	-0.07	0.05	-0.38	0.11	-0.15	0.26	0.13	0.16	0.12	0.30	0.02	0.07	-0.08	0.10	0.06
91716010	7					1.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91716110	195903	0.0055	0.0056	73.72	<.0001	-0.19	0.04	-0.05	-0.04	-0.01	0.02	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.02	-0.01	-0.01	-0.01
91718000	3361	0.0596	0.0638	15.19	<.0001	-0.63	0.09	0.08	-0.02	0.13	-0.08	-0.06	0.03	0.08	0.06	0.01	-0.01	0.03	0.03	0.03	-0.01
91718200	195903	0.0055	0.0056	73.72	<.0001	-0.19	0.04	-0.05	-0.04	-0.01	0.02	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.02	-0.01	-0.01	-0.01
91723010	13631	0.0190	0.0201	18.61	<.0001	-1.18	-0.02	-0.11	-0.06	-0.01	0.01	-0.01	0.00	0.04	-0.03	-0.01	-0.03	0.01	-0.01	0.01	-0.01
91723020	465	0.1339	0.1619	5.78	<.0001	-0.88	-0.17	-0.09	-0.14	-0.03	-0.12	-0.12	0.09	0.05	0.02	-0.01	-0.04	0.19	0.08	0.10	0.04
91723050	83	0.3283	0.4512	3.67	0.0001	-0.58	-0.21	0.01	-0.05	-0.06	-0.17	0.20	0.55	0.06	-0.15	-0.17	-0.19	-0.19	-0.08	-0.27	-0.46
91726410	195903	0.0055	0.0056	73.72	<.0001	-0.19	0.04	-0.05	-0.04	-0.01	0.02	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.02	-0.01	-0.01	-0.01
91727010	4					1.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91728000	161250	0.0075	0.0076	82.00	<.0001	-0.36	-0.06	-0.13	-0.07	0.04	-0.08	-0.05	-0.09	-0.14	-0.08	-0.06	-0.06	-0.07	-0.10	-0.16	-0.09
91728500	3361	0.0596	0.0638	15.19	<.0001	-0.63	0.09	0.08	-0.02	0.13	-0.08	-0.06	0.03	0.08	0.06	0.01	-0.01	0.03	0.03	0.03	-0.01
91731150	161250	0.0075	0.0076	82.00	<.0001	-0.36	-0.06	-0.13	-0.07	0.04	-0.08	-0.05	-0.09	-0.14	-0.08	-0.06	-0.06	-0.07	-0.10	-0.16	-0.09
91732100	404	0.0502	0.0856	2.42	0.0022	-0.04	-0.05	-0.05	-0.09	-0.05	-0.04	0.11	0.08	0.10	0.15	0.06	0.13	0.14	0.07	0.21	0.26
91733200	65					0.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91734000	195903	0.0055	0.0056	73.72	<.0001	-0.19	0.04	-0.05	-0.04	-0.01	0.02	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.02	-0.01	-0.01	-0.01
91736000	195903	0.0055	0.0056	73.72	<.0001	-0.19	0.04	-0.05	-0.04	-0.01	0.02	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.02	-0.01	-0.01	-0.01
91739510	3361	0.0596	0.0638	15.19	<.0001	-0.63	0.09	0.08	-0.02	0.13	-0.08	-0.06	0.03	0.08	0.06	0.01	-0.01	0.03	0.03	0.03	-0.01
91739600	3361	0.0596	0.0638	15.19	<.0001	-0.63	0.09	0.08	-0.02	0.13	-0.08	-0.06	0.03	0.08	0.06	0.01	-0.01	0.03	0.03	0.03	-0.01
91750000	84	0.2485	0.3843	2.83	0.0018	0.18	0.25	0.05	-0.37	-0.26	-0.87	-0.39	-1.02	-0.99	-0.77	-0.45	-0.57	-0.28	-0.69	-0.93	-0.58
91760100	1					0.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91760200	1					0.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91760500	195903	0.0055	0.0056	73.72	<.0001	-0.19	0.04	-0.05	-0.04	-0.01	0.02	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.02	-0.01	-0.01	-0.01
91760700	25					0.70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92205000	41					0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92432000	1485	0.0199	0.0298	3.00	<.0001	-2.65	-0.05	0.10	0.08	0.03	0.07	0.00	-0.02	0.01	0.03	0.03	-0.14	-0.09	-0.05	-0.04	-0.12
92433000	166713	0.0178	0.0179	202.57	<.0001	-2.33	-0.06	-0.14	-0.16	-0.03	0.02	0.03	0.01	0.03	0.01	-0.02	-0.02	-0.01	-0.01	0.00	0.01
92510120	1					0.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92510150	159	0.3540	0.4154	6.77	<.0001	-2.07	-0.94	-0.97	-0.76	0.43	-0.07	0.00	0.26	0.85	0.87	0.16	-0.05	0.00	0.09	0.35	0.51
92510170	166713	0.0178	0.0179	202.57	<.0001	-2.33	-0.06	-0.14	-0.16	-0.03	0.02	0.03	0.01	0.03	0.01	-0.02	-0.02	-0.01	-0.01	0.00	0.01
92510200	595	0.0987	0.1214	5.33	<.0001	-2.49	0.22	0.14	0.21	-0.04	0.19	0.22	0.32	0.24	0.16	0.02	0.28	0.12	0.16	0.26	0.02
92510220	2					0.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92510310	595	0.0987	0.1214	5.33	<.0001	-2.49	0.22	0.14	0.21	-0.04	0.19	0.22	0.32	0.24	0.16	0.02	0.28	0.12	0.16	0.26	0.02
92510410	118	0.5322	0.5922	9.87	<.0001	-3.62	1.67	1.09	1.03	-0.08	0.87	-0.04	0.37	0.04	0.08	-0.05	-0.04	0.09	0.12	0.08	0.68

Table C.1 Continued

Food Code	N	Adj_R_Sq	R_Sq	F-Value	Prob-F	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
92510650	2					0.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92510720	15416	0.0233	0.0242	25.50	<.0001	-2.43	-0.02	-0.17	-0.16	0.04	-0.01	-0.08	-0.06	0.01	-0.04	-0.07	-0.06	-0.03	-0.02	-0.10	-0.05
92510810	4266	0.0239	0.0273	7.96	<.0001	-2.30	-0.14	-0.12	-0.17	0.03	-0.04	0.01	-0.04	-0.03	-0.10	-0.13	-0.03	-0.10	-0.08	-0.07	0.07
92510910	2023	0.1590	0.1652	26.48	<.0001	-1.78	-0.38	-0.35	-0.32	-0.08	0.03	0.10	0.09	0.06	0.03	0.11	0.10	0.07	0.13	0.02	0.08
92510950	4					0.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92511200	127	0.0553	0.1677	1.49	0.1205	-1.57	-0.04	-0.14	-0.12	0.02	-0.05	0.03	-0.16	-0.12	-0.12	-0.17	-0.16	-0.17	-0.08	0.21	0.00
92511220	5967	0.0404	0.0428	17.74	<.0001	-2.31	-0.10	-0.07	-0.23	0.02	-0.02	-0.07	0.01	-0.03	-0.09	-0.07	-0.05	-0.16	-0.14	-0.11	-0.06
92511240	3					0.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92511250	1485	0.0199	0.0298	3.00	<.0001	-2.65	-0.05	0.10	0.08	0.03	0.07	0.00	-0.02	0.01	0.03	0.03	-0.14	-0.09	-0.05	-0.04	-0.12
92511260	595	0.0987	0.1214	5.33	<.0001	-2.49	0.22	0.14	0.21	-0.04	0.19	0.22	0.32	0.24	0.16	0.02	0.28	0.12	0.16	0.26	0.02
92511280	6					0.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92511350	166713	0.0178	0.0179	202.57	<.0001	-2.33	-0.06	-0.14	-0.16	-0.03	0.02	0.03	0.01	0.03	0.01	-0.02	-0.02	-0.01	-0.01	0.00	0.01
92511510	1607	0.1117	0.1200	14.47	<.0001	-2.16	-0.04	-0.16	-0.38	0.14	-0.18	-0.10	-0.21	0.02	-0.26	-0.24	-0.29	-0.20	-0.27	-0.18	-0.29
92530310	964	0.0355	0.0505	3.36	<.0001	-2.26	-0.13	-0.11	-0.15	0.05	-0.03	-0.09	-0.03	-0.05	-0.09	-0.14	-0.10	-0.05	-0.09	-0.04	-0.07
92530410	1485	0.0199	0.0298	3.00	<.0001	-2.65	-0.05	0.10	0.08	0.03	0.07	0.00	-0.02	0.01	0.03	0.03	-0.14	-0.09	-0.05	-0.04	-0.12
92530810	2023	0.1590	0.1652	26.48	<.0001	-1.78	-0.38	-0.35	-0.32	-0.08	0.03	0.10	0.09	0.06	0.03	0.11	0.10	0.07	0.13	0.02	0.08
92530840	4					0.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92530910	13070	0.0606	0.0617	57.23	<.0001	-2.26	-0.24	-0.30	-0.24	-0.09	0.12	0.16	0.16	0.07	0.04	-0.05	-0.04	0.02	-0.01	0.04	0.01
92531020	264	0.2296	0.2736	6.23	<.0001	-3.52	-0.01	-0.18	-0.02	0.09	-0.17	-0.15	-0.16	-0.16	-0.14	-0.22	-0.11	-0.12	-0.11	-0.17	-0.03
92531150	29					0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92550050	595	0.0987	0.1214	5.33	<.0001	-2.49	0.22	0.14	0.21	-0.04	0.19	0.22	0.32	0.24	0.16	0.02	0.28	0.12	0.16	0.26	0.02
92550300	595	0.0987	0.1214	5.33	<.0001	-2.49	0.22	0.14	0.21	-0.04	0.19	0.22	0.32	0.24	0.16	0.02	0.28	0.12	0.16	0.26	0.02
92552100	595	0.0987	0.1214	5.33	<.0001	-2.49	0.22	0.14	0.21	-0.04	0.19	0.22	0.32	0.24	0.16	0.02	0.28	0.12	0.16	0.26	0.02
92570500	6					0.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92582000	595	0.0987	0.1214	5.33	<.0001	-2.49	0.22	0.14	0.21	-0.04	0.19	0.22	0.32	0.24	0.16	0.02	0.28	0.12	0.16	0.26	0.02
92582100	1485	0.0199	0.0298	3.00	<.0001	-2.65	-0.05	0.10	0.08	0.03	0.07	0.00	-0.02	0.01	0.03	0.03	-0.14	-0.09	-0.05	-0.04	-0.12
92610110	2					0.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92611010	4					0.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92611100	4					0.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92611510	41					0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C.2 Parameter Estimates, Sample Sizes, Goodness-of-Fit Statistics, F-Statistics of Model Fit and Their p-Values for Ingredient Foods

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
500	11					0.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
501	11					0.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
502	11					0.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
503	11					0.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
510	422	0.2788	0.3045	11.85	<.0001	-0.96	0.99	0.80	0.57	0.30	-0.21	-0.10	0.11	0.05	-0.64	-0.46	-0.32	-0.15	-0.26	-0.11	-0.19
511	2060	0.0662	0.0730	10.73	<.0001	-0.16	-0.25	-0.17	-0.05	0.01	0.04	-0.16	-0.15	-0.09	-0.18	-0.10	-0.13	0.00	0.01	-0.13	-0.05
521	22943	0.0121	0.0128	19.79	<.0001	-1.06	-0.10	-0.15	-0.07	-0.02	-0.02	-0.03	-0.07	0.00	-0.05	-0.05	0.04	0.03	-0.01	0.02	0.01
531	241	0.6162	0.6402	26.69	<.0001	-1.15	0.60	0.31	0.58	0.03	0.03	-0.17	-0.17	0.02	-0.07	-0.15	0.06	0.02	0.05	-0.11	-0.12
540	578	0.2790	0.2977	15.88	<.0001	-0.27	-0.27	-0.16	-0.23	0.00	0.08	0.06	0.03	0.04	-0.01	-0.01	0.00	0.10	0.03	0.01	0.06
541	4552	0.0225	0.0257	7.99	<.0001	-1.50	-0.06	-0.05	-0.18	-0.03	-0.01	-0.07	-0.04	0.04	-0.02	-0.04	-0.13	-0.04	-0.03	0.09	0.00
542	85005	0.0301	0.0303	176.88	<.0001	-1.34	-0.27	-0.17	-0.21	0.01	-0.02	-0.03	0.01	0.00	-0.04	-0.03	-0.05	-0.05	-0.02	-0.01	0.01
543	82633	0.0199	0.0201	112.78	<.0001	-0.12	-0.23	-0.19	-0.24	0.01	-0.04	0.00	-0.04	-0.05	-0.04	-0.08	-0.04	-0.08	-0.11	-0.09	-0.09
544	408	0.2595	0.2868	10.51	<.0001	0.06	-0.48	0.03	-0.05	0.00	0.03	-0.06	-0.02	0.05	-0.02	-0.22	-0.06	-0.06	0.00	-0.05	-0.03
545	173	0.0904	0.1697	2.14	0.0106	-0.77	-0.18	-0.02	-0.14	-0.01	0.00	0.04	-0.03	0.01	0.12	0.09	0.14	0.13	0.02	0.08	-0.07
546	4506	0.0981	0.1011	33.65	<.0001	-1.28	0.04	-0.19	-0.14	-0.04	-0.02	0.04	0.00	-0.02	-0.02	-0.05	0.01	-0.03	-0.02	-0.02	0.02
547	352	0.1163	0.1540	4.08	<.0001	-1.04	-0.12	0.10	-0.19	0.08	-0.23	-0.15	-0.09	-0.39	-0.15	-0.03	-0.15	-0.08	-0.25	-0.05	0.03
548	232	0.0976	0.1562	2.67	0.0010	-1.21	-0.14	-0.07	-0.01	0.07	-0.07	-0.11	-0.05	-0.06	-0.08	-0.06	-0.06	-0.06	-0.01	-0.08	-0.04
549	96	-0.0069	0.1521	0.96	0.5077	-0.96	-0.44	-0.49	-0.43	0.02	0.20	0.18	0.20	0.01	0.54	0.64	0.72	0.31	0.13	0.19	0.26
550	481	0.0342	0.0644	2.13	0.0078	-1.60	0.23	0.26	0.32	0.04	0.02	0.07	-0.06	0.01	0.10	0.13	0.01	0.09	-0.04	-0.16	-0.06
551	35328	0.0321	0.0326	79.22	<.0001	1.35	-0.44	-0.21	-0.27	0.04	-0.06	-0.05	-0.03	-0.12	-0.08	-0.14	-0.12	-0.13	-0.10	-0.05	-0.06
552	10023	0.0196	0.0211	14.36	<.0001	1.92	-0.07	-0.02	0.02	-0.06	0.00	0.04	0.03	0.02	0.05	0.03	0.10	0.06	0.06	0.07	0.01
553	464	0.1280	0.1562	5.53	<.0001	-1.21	-0.14	-0.07	-0.01	0.07	-0.07	-0.11	-0.05	-0.06	-0.08	-0.06	-0.06	-0.06	-0.01	-0.08	-0.04
556	45665	0.0087	0.0091	27.85	<.0001	-0.76	-0.01	-0.08	-0.11	0.02	-0.03	-0.01	-0.01	-0.03	-0.01	-0.01	-0.02	-0.05	0.00	-0.01	0.02
1001	47317	0.1200	0.1203	431.07	<.0001	-0.49	-0.09	-0.19	-0.08	-0.20	0.09	0.13	0.10	0.10	0.18	0.18	0.17	0.13	0.17	0.13	0.01
1002	5117	0.1294	0.1319	51.68	<.0001	0.07	-0.26	-0.19	-0.29	-0.09	0.06	0.06	0.06	-0.02	0.07	0.12	0.11	0.04	0.06	0.10	0.09
1004	1097	0.1044	0.1166	9.51	<.0001	0.21	0.09	0.01	0.25	0.02	-0.05	0.01	0.06	-0.04	-0.12	-0.16	0.04	-0.01	0.08	-0.38	0.12
1005	6777	0.0141	0.0163	7.47	<.0001	-0.09	-0.04	-0.10	-0.08	0.03	0.02	0.04	-0.01	0.02	-0.02	0.00	0.04	0.01	0.06	0.04	0.05
1006	973	0.0762	0.0905	6.34	<.0001	0.20	0.13	0.22	0.00	0.16	0.04	0.05	0.06	-0.07	-0.04	0.10	0.15	0.03	0.04	0.10	0.06
1007	973	0.0762	0.0905	6.34	<.0001	0.20	0.13	0.22	0.00	0.16	0.04	0.05	0.06	-0.07	-0.04	0.10	0.15	0.03	0.04	0.10	0.06
1009	55393	0.0186	0.0189	71.15	<.0001	-0.29	0.10	-0.02	0.02	0.00	-0.01	-0.03	-0.04	-0.02	-0.01	0.00	-0.02	-0.01	0.02	0.01	-0.01
1011	8067	0.0200	0.0218	11.96	<.0001	-0.31	0.13	0.02	0.06	0.00	-0.03	-0.05	-0.05	-0.04	-0.06	-0.01	0.02	0.02	0.02	0.02	-0.02
1012	55239	0.1037	0.1039	426.97	<.0001	-0.90	-0.01	-0.25	-0.14	0.00	-0.02	-0.02	0.01	0.00	0.01	0.01	0.03	0.01	0.00	0.00	-0.01
1013	55239	0.1037	0.1039	426.97	<.0001	-0.90	-0.01	-0.25	-0.14	0.00	-0.02	-0.02	0.01	0.00	0.01	0.01	0.03	0.01	0.00	0.00	-0.01
1014	6357	0.1425	0.1445	71.42	<.0001	-1.01	0.06	-0.22	-0.15	-0.02	0.03	0.04	0.03	0.07	0.04	0.03	0.03	0.04	0.03	0.04	0.03
1016	25780	0.1180	0.1185	230.92	<.0001	-0.82	0.00	-0.29	-0.12	0.01	-0.03	-0.05	0.00	0.00	0.00	0.03	0.04	-0.01	0.00	-0.02	-0.03
1017	55189	0.0822	0.0824	330.40	<.0001	-0.42	-0.16	-0.23	-0.22	-0.01	0.11	0.11	0.07	0.08	0.13	0.13	0.14	0.18	0.16	0.16	-0.01
1018	1912	0.0332	0.0408	5.38	<.0001	0.22	0.08	0.05	0.16	-0.02	-0.06	-0.18	0.02	-0.02	-0.13	0.04	-0.11	-0.07	-0.16	-0.02	-0.08
1019	3420	0.0222	0.0265	6.17	<.0001	0.24	0.05	0.03	0.06	0.08	-0.01	-0.08	-0.01	-0.04	-0.01	-0.12	0.00	-0.04	-0.09	-0.01	-0.03
1020	2					1.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1022	1912	0.0332	0.0408	5.38	<.0001	0.22	0.08	0.05	0.16	-0.02	-0.06	-0.18	0.02	-0.02	-0.13	0.04	-0.11	-0.07	-0.16	-0.02	-0.08
1023	17005	0.0181	0.0189	21.84	<.0001	0.11	-0.03	-0.09	-0.02	0.07	-0.03	-0.01	-0.03	-0.04	0.00	-0.01	-0.03	-0.01	-0.04	-0.03	0.00
1024	1097	0.1044	0.1166	9.51	<.0001	0.21	0.09	0.01	0.25	0.02	-0.05	0.01	0.06	-0.04	-0.12	-0.16	0.04	-0.01	0.08	-0.38	0.12
1025	24740	0.0207	0.0213	35.80	<.0001	-0.33	0.16	0.02	0.04	-0.02	0.00	-0.03	-0.03	-0.02	-0.01	0.02	0.00	0.00	0.04	0.02	0.02
1026	25837	0.0134	0.0139	24.34	<.0001	-0.21	-0.06	-0.04	-0.08	0.02	0.00	0.00	0.02	0.05	0.06	0.05	0.07	0.07	0.08	0.05	0.02
1028	323	0.1925	0.2301	6.12	<.0001	-0.61	0.34	0.04	0.19	-0.09	0.27	0.18	0.35	0.16	0.32	0.28	0.17	0.22	0.22	0.19	0.23
1029	18160	0.0212	0.0220	27.19	<.0001	-0.35	-0.05	-0.01	-0.04	0.04	0.04	-0.05	0.00	0.03	0.07	0.06	0.08	0.06	0.09	0.06	0.02
1030	6777	0.0141	0.0163	7.47	<.0001	-0.09	-0.04	-0.10	-0.08	0.03	0.02	0.04	-0.01	0.02	-0.02	0.00	0.04	0.01	0.06	0.04	0.05
1032	29808	0.0193	0.0198	40.02	<.0001	0.35	-0.05	-0.13	-0.06	0.01	0.02	0.01	0.03	0.00	0.02	-0.01	0.01	0.02	0.01	-0.01	0.03
1033	15492	0.0257	0.0266	28.19	<.0001	0.38	-0.07	-0.15	-0.09	0.01	0.01	0.01	0.03	-0.01	0.02	-0.01	0.01	0.02	0.02	-0.01	0.03
1034	3					2.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1035	9970	0.0285	0.0300	20.50	<.0001	0.02	-0.05	0.01	0.01	0.05	-0.13	-0.09	-0.09	-0.03	-0.05	-0.06	-0.03	-0.03	-0.03	0.00	-0.02
1036	55239	0.1037	0.1039	426.97	<.0001	-0.90	-0.01	-0.25	-0.14	0.00	-0.02	-0.02	0.01	0.00	0.01	0.01	0.03	0.01	0.00	0.00	-0.01
1037	55239	0.1037	0.1039	426.97	<.0001	-0.90	-0.01	-0.25	-0.14	0.00	-0.02	-0.02	0.01	0.00	0.01	0.01	0.03	0.01	0.00	0.00	-0.01
1038	2311	0.0400	0.0462	7.42	<.0001	0.34	-0.05	-0.01	0.15	-0.03	-0.08	-0.04	-0.03	-0.03	-0.02	-0.08	-0.06	-0.02	-0.04	-0.11	-0.16

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
1040	24879	0.0152	0.0158	26.56	<.0001	0.11	-0.02	-0.10	-0.05	0.05	-0.01	-0.01	-0.01	-0.02	0.00	-0.01	-0.01	0.00	-0.02	-0.01	-0.01
1042	65769	0.0434	0.0436	199.88	<.0001	-0.35	-0.13	-0.21	-0.20	-0.04	0.00	-0.01	0.01	0.00	-0.02	0.00	-0.01	-0.01	0.00	-0.02	0.01
1043	65769	0.0434	0.0436	199.88	<.0001	-0.35	-0.13	-0.21	-0.20	-0.04	0.00	-0.01	0.01	0.00	-0.02	0.00	-0.01	-0.01	0.00	-0.02	0.01
1044	20921	0.0340	0.0346	50.02	<.0001	0.05	0.02	-0.15	-0.11	0.02	-0.04	-0.04	-0.04	-0.04	0.01	-0.03	-0.04	-0.02	-0.03	-0.02	0.01
1046	65769	0.0434	0.0436	199.88	<.0001	-0.35	-0.13	-0.21	-0.20	-0.04	0.00	-0.01	0.01	0.00	-0.02	0.00	-0.01	-0.01	0.00	-0.02	0.01
1048	6601	0.1405	0.1425	72.93	<.0001	0.17	-0.19	-0.41	-0.54	0.01	-0.06	0.02	0.03	0.03	-0.02	0.01	0.00	0.01	0.05	0.04	0.01
1049	1182	0.1130	0.1235	11.75	<.0001	0.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1050	1182	0.1130	0.1235	11.75	<.0001	0.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1052	7					0.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1053	2599	0.1410	0.1459	29.42	<.0001	-0.63	-0.28	-0.25	-0.27	0.00	-0.12	0.00	-0.03	-0.03	-0.08	-0.02	0.00	-0.03	0.02	0.03	-0.14
1054	529	0.1484	0.1726	7.14	<.0001	0.89	-0.12	-0.06	-0.18	0.01	0.18	0.07	0.04	0.09	0.20	0.18	0.12	0.15	0.06	0.10	0.10
1055	2438	0.0631	0.0689	11.95	<.0001	-1.57	0.38	0.35	0.40	0.00	-0.04	0.02	0.04	-0.07	0.06	0.07	0.09	0.13	0.13	0.21	0.01
1056	55875	0.0787	0.0789	319.00	<.0001	-1.06	-0.23	-0.18	-0.17	0.03	0.00	0.02	0.02	0.01	0.02	0.01	0.03	0.06	0.07	0.08	0.00
1057	7075	0.1000	0.1018	57.15	<.0001	0.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1058	5310	0.0391	0.0418	15.39	<.0001	-0.69	-0.11	-0.23	-0.11	-0.03	-0.07	-0.05	-0.05	-0.10	-0.07	-0.06	-0.08	-0.04	-0.08	-0.06	-0.01
1060	15					0.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1067	34183	0.0351	0.0355	83.92	<.0001	-1.37	-0.07	-0.08	-0.16	0.06	0.02	0.00	0.02	0.01	0.01	-0.02	0.04	0.03	0.04	0.02	0.02
1069	15011	0.0350	0.0360	37.30	<.0001	-0.79	-0.15	-0.03	-0.22	-0.01	0.00	0.02	-0.02	-0.03	0.03	-0.03	-0.02	-0.06	-0.02	0.01	-0.01
1071	224	0.2607	0.3104	6.24	<.0001	-0.01	0.07	-0.07	0.20	0.07	-0.34	0.02	0.10	0.14	-0.16	0.00	-0.01	0.04	0.11	-0.03	-0.42
1072	34					1.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1073	34					1.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1074	55875	0.0787	0.0789	319.00	<.0001	-1.06	-0.23	-0.18	-0.17	0.03	0.00	0.02	0.02	0.01	0.02	0.01	0.03	0.06	0.07	0.08	0.00
1075	15					0.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1077	113377	0.0207	0.0208	160.91	<.0001	-2.52	-0.01	-0.10	-0.01	-0.04	0.00	-0.01	-0.01	-0.01	0.01	-0.01	0.00	0.00	-0.01	0.00	0.01
1079	169241	0.0437	0.0438	517.09	<.0001	-2.58	-0.03	-0.15	0.00	-0.04	0.02	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.01
1082	82342	0.0467	0.0469	269.88	<.0001	-2.59	0.03	-0.14	0.02	-0.04	0.00	0.00	-0.01	-0.01	0.00	-0.01	-0.01	-0.02	-0.01	-0.01	0.00
1085	133060	0.0776	0.0777	747.14	<.0001	-2.60	0.09	-0.14	0.07	-0.04	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.02
1086	131999	0.0786	0.0787	751.69	<.0001	-2.60	0.10	-0.13	0.08	-0.04	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02
1088	1788	0.0461	0.0542	6.76	<.0001	-2.30	0.23	0.14	0.13	0.01	0.00	0.01	0.06	0.01	-0.03	-0.04	0.02	0.04	0.01	0.03	0.01
1089	380	0.4842	0.5019	28.36	<.0001	0.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1090	18					0.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1091	2508	0.0615	0.0671	11.95	<.0001	-2.06	-0.20	-0.15	0.00	-0.01	0.03	0.06	0.05	0.03	-0.01	0.02	-0.07	0.08	0.02	0.01	-0.05
1092	2508	0.0615	0.0671	11.95	<.0001	-2.06	-0.20	-0.15	0.00	-0.01	0.03	0.06	0.05	0.03	-0.01	0.02	-0.07	0.08	0.02	0.01	-0.05
1094	256	0.1857	0.2336	4.88	<.0001	-0.48	0.29	0.01	-0.06	0.01	0.18	0.07	0.09	-0.01	0.26	0.04	0.02	-0.07	0.00	0.12	0.17
1095	5587	0.0577	0.0602	23.79	<.0001	-0.85	-0.10	-0.12	-0.22	-0.04	-0.06	0.01	0.00	-0.03	-0.03	0.01	-0.05	-0.05	-0.03	-0.09	-0.03
1096	19697	0.0126	0.0134	17.80	<.0001	-1.60	-0.01	-0.03	-0.07	-0.02	0.01	0.04	0.05	0.03	0.03	0.05	0.03	0.03	0.03	0.00	-0.02
1097	19697	0.0126	0.0134	17.80	<.0001	-1.60	-0.01	-0.03	-0.07	-0.02	0.01	0.04	0.05	0.03	0.03	0.05	0.03	0.03	0.03	0.00	-0.02
1102	21311	0.0592	0.0599	90.41	<.0001	-2.08	-0.08	-0.31	-0.10	-0.01	0.03	0.02	-0.03	0.06	0.08	0.02	0.01	0.01	0.01	0.02	0.04
1103	14					0.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1104	69					0.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1106	51					0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1116	159	0.2847	0.3526	5.19	<.0001	-1.33	0.14	0.06	0.18	0.03	0.00	-0.10	0.09	0.07	0.07	0.06	0.08	0.08	-0.05	-0.14	-0.03
1117	115487	0.0356	0.0357	284.96	<.0001	-1.22	0.07	0.04	-0.07	0.08	-0.07	-0.01	0.00	-0.01	0.00	-0.01	-0.03	-0.02	-0.04	-0.02	-0.01
1118	115487	0.0356	0.0357	284.96	<.0001	-1.22	0.07	0.04	-0.07	0.08	-0.07	-0.01	0.00	-0.01	0.00	-0.01	-0.03	-0.02	-0.04	-0.02	-0.01
1119	5261	0.0385	0.0412	15.03	<.0001	-1.27	0.12	0.10	-0.04	0.04	-0.05	-0.01	-0.04	-0.01	0.01	0.02	0.00	0.01	-0.03	0.02	0.00
1120	62980	0.0526	0.0528	233.92	<.0001	-1.21	-0.01	-0.01	-0.14	0.12	-0.10	-0.04	-0.01	-0.01	-0.02	-0.02	-0.03	-0.05	-0.07	-0.04	-0.04
1121	62980	0.0526	0.0528	233.92	<.0001	-1.21	-0.01	-0.01	-0.14	0.12	-0.10	-0.04	-0.01	-0.01	-0.02	-0.02	-0.03	-0.05	-0.07	-0.04	-0.04
1123	192737	0.0970	0.0970	1380.84	<.0001	-1.67	-0.02	-0.27	-0.19	0.00	0.03	-0.01	-0.01	-0.01	-0.09	-0.07	-0.08	-0.06	-0.07	-0.09	-0.01
1133	65					1.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1136	65					1.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1142	8820	0.3087	0.3099	263.59	<.0001	-0.33	0.39	0.32	0.23	-0.53	0.23	0.20	0.03	-0.07	-0.02	-0.04	-0.06	-0.02	0.00	-0.01	-0.07
1143	8820	0.3087	0.3099	263.59	<.0001	-0.33	0.39	0.32	0.23	-0.53	0.23	0.20	0.03	-0.07	-0.02	-0.04	-0.06	-0.02	0.00	-0.01	-0.07
1144	65					1.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1145	8748	0.1521	0.1535	105.58	<.0001	-0.36	-0.15	-0.20	-0.20	-0.22	0.22	0.15	0.10	0.08	0.18	0.21	0.14	0.15	0.11	0.13	0.02

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
1154	2508	0.0615	0.0671	11.95	<.0001	-2.06	-0.20	-0.15	0.00	-0.01	0.03	0.06	0.05	0.03	-0.01	0.02	-0.07	0.08	0.02	0.01	-0.05
1156	425	0.1858	0.2146	7.45	<.0001	0.18	-0.28	-0.49	0.07	0.14	0.03	-0.41	-0.05	-0.09	-0.07	0.07	-0.05	0.30	-0.06	-0.13	-0.06
1157	425	0.1858	0.2146	7.45	<.0001	0.18	-0.28	-0.49	0.07	0.14	0.03	-0.41	-0.05	-0.09	-0.07	0.07	-0.05	0.30	-0.06	-0.13	-0.06
1159	425	0.1858	0.2146	7.45	<.0001	0.18	-0.28	-0.49	0.07	0.14	0.03	-0.41	-0.05	-0.09	-0.07	0.07	-0.05	0.30	-0.06	-0.13	-0.06
1161	25837	0.0134	0.0139	24.34	<.0001	-0.21	-0.06	-0.04	-0.08	0.02	0.00	0.00	0.02	0.05	0.06	0.05	0.07	0.07	0.08	0.05	0.02
1165	23					0.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1166	2992	0.1534	0.1576	37.12	<.0001	-0.21	0.21	-0.12	0.02	0.06	-0.11	-0.07	-0.04	-0.06	0.02	-0.03	-0.07	0.03	0.09	-0.01	0.07
1167	2992	0.1534	0.1576	37.12	<.0001	-0.21	0.21	-0.12	0.02	0.06	-0.11	-0.07	-0.04	-0.06	0.02	-0.03	-0.07	0.03	0.09	-0.01	0.07
1168	320	0.2395	0.2752	7.70	<.0001	-0.12	0.31	-0.01	0.14	0.07	-0.07	-0.10	-0.16	-0.12	-0.17	-0.13	-0.36	0.08	0.02	-0.10	0.07
1169	6534	0.0510	0.0532	24.41	<.0001	-0.28	0.22	-0.01	-0.04	0.08	-0.05	-0.06	-0.06	-0.07	-0.05	-0.04	-0.02	0.00	-0.01	0.04	-0.08
1178	2438	0.0631	0.0689	11.95	<.0001	-1.57	0.38	0.35	0.40	0.00	-0.04	0.02	0.04	-0.07	0.06	0.07	0.09	0.13	0.13	0.21	0.01
1179	6249	0.1440	0.1460	71.04	<.0001	-0.95	-0.32	-0.26	-0.19	0.05	0.01	0.04	-0.02	0.00	-0.03	0.01	0.05	0.07	0.09	0.05	0.06
1180	3429	0.0384	0.0426	10.12	<.0001	-1.11	-0.18	-0.13	-0.14	0.05	-0.03	0.00	0.00	-0.01	-0.01	0.03	0.01	0.04	0.05	0.04	0.00
1184	2324	0.0500	0.0561	9.15	<.0001	-1.39	0.07	0.05	-0.07	0.08	-0.12	-0.14	-0.06	-0.05	-0.03	-0.14	-0.12	-0.04	-0.11	-0.01	-0.01
1185	2					1.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1186	55189	0.0822	0.0824	330.40	<.0001	-0.42	-0.16	-0.23	-0.22	-0.01	0.11	0.11	0.07	0.08	0.13	0.13	0.14	0.18	0.16	0.16	-0.01
1187	115487	0.0356	0.0357	284.96	<.0001	-1.22	0.07	0.04	-0.07	0.08	-0.07	-0.01	0.00	-0.01	0.00	-0.01	-0.03	-0.02	-0.04	-0.02	-0.01
1199	13					0.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	529	0.1484	0.1726	7.14	<.0001	0.89	-0.12	-0.06	-0.18	0.01	0.18	0.07	0.04	0.09	0.20	0.18	0.12	0.15	0.06	0.10	0.10
2003	166	0.0578	0.1434	1.67	0.0616	1.48	0.29	0.35	0.30	-0.08	0.34	-0.04	-0.39	0.11	-0.85	-0.27	-0.22	0.11	-0.20	-0.26	0.83
2005	100	0.1886	0.3115	2.53	0.0038	1.55	-0.34	-0.29	-0.42	0.29	0.03	0.92	0.62	-0.98	-0.55	0.23	0.42	0.16	0.17	0.44	0.64
2007	531	0.1052	0.1305	5.16	<.0001	1.23	-0.36	0.08	0.35	0.11	-0.46	-0.04	-0.18	0.04	-0.12	0.22	0.38	0.13	0.47	0.17	-0.12
2009	19					0.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	29					1.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	359	0.0113	0.0527	1.27	0.2177	2.35	-0.02	-0.20	-0.18	-0.06	0.05	-0.01	-0.06	-0.33	-0.29	0.05	-0.26	-0.01	0.03	-0.15	0.02
2012	50					6.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	210	0.2306	0.2858	5.18	<.0001	1.67	-0.85	0.47	0.21	-0.15	0.30	-0.38	-0.90	-0.76	-0.64	-0.10	-0.64	-0.13	-0.41	-0.30	-0.25
2015	369	0.1679	0.2018	5.95	<.0001	2.19	-0.83	-0.48	-0.45	-0.07	0.06	0.04	0.25	0.20	-0.76	-0.56	-0.06	-0.37	-0.14	-0.18	-0.47
2020	4619	0.0442	0.0473	15.25	<.0001	0.50	-0.24	-0.53	-0.46	-0.01	-0.03	-0.01	0.01	-0.10	-0.02	-0.08	0.05	-0.01	0.08	0.01	0.01
2021	7					2.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	105	-0.0240	0.1237	0.84	0.6344	2.03	-0.35	0.21	-0.22	0.36	-0.40	-0.56	-0.37	0.02	-0.44	-1.05	-0.38	-0.48	-0.50	-0.17	-0.19
2024	155	0.1095	0.1962	2.26	0.0070	1.94	-0.52	-0.40	-0.12	-0.16	0.27	-0.69	-0.06	0.04	-0.47	-0.26	-0.14	-0.52	0.13	-0.23	0.37
2025	3					3.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	1620	0.0368	0.0458	5.13	<.0001	0.74	-0.35	-0.18	-0.21	0.00	-0.14	-0.20	-0.21	-0.13	-0.23	-0.34	-0.23	-0.25	-0.08	-0.13	-0.31
2027	664	0.1045	0.1248	6.16	<.0001	1.46	-0.36	0.16	0.05	0.02	0.14	0.00	0.18	-0.26	0.23	-0.01	0.02	-0.10	0.03	0.12	0.12
2028	1246	0.0587	0.0700	6.18	<.0001	0.95	-0.17	-0.03	-0.51	0.11	0.13	-0.01	-0.05	0.15	0.12	-0.04	-0.10	-0.04	0.06	0.01	0.04
2029	78	0.2551	0.4002	2.76	0.0026	2.34	-1.33	-0.27	-0.94	-0.13	0.36	0.53	-0.05	1.00	0.66	1.40	0.68	0.75	0.65	1.73	0.81
2030	8948	0.0330	0.0346	21.34	<.0001	0.61	0.03	-0.13	-0.20	0.04	-0.02	0.04	-0.03	-0.07	-0.08	-0.06	-0.07	-0.09	-0.09	-0.08	-0.10
2031	8402	0.0249	0.0267	15.32	<.0001	0.57	0.01	-0.10	-0.17	0.01	-0.02	0.05	-0.03	-0.07	-0.07	-0.06	-0.06	-0.09	-0.08	-0.08	-0.12
2033	253	0.0359	0.0932	1.62	0.0681	1.76	0.36	-0.15	-0.10	0.01	-0.03	-0.18	-0.26	-0.37	-0.04	0.14	-0.07	-0.12	-0.06	-0.22	-0.19
2034	740	0.1007	0.1189	6.52	<.0001	2.06	-0.38	-0.32	0.02	-0.21	-0.01	-0.89	-0.44	-0.57	0.01	0.15	-0.29	0.09	-0.29	0.35	0.14
2035	400	0.1485	0.1805	5.64	<.0001	2.12	-0.05	-0.28	-0.21	-0.01	-0.59	-1.80	0.33	0.09	-0.04	-0.38	0.28	0.19	-0.22	0.00	0.02
2038	796	0.0854	0.1027	5.95	<.0001	2.64	-0.36	-0.49	-0.27	0.13	-0.70	-0.05	-0.88	-1.24	0.06	-0.61	0.10	-0.04	-0.35	-0.18	-0.15
2042	315	0.1224	0.1643	3.92	<.0001	2.31	0.50	0.26	0.17	-0.12	-0.11	-0.05	-0.15	-0.47	0.32	-0.42	-0.19	-0.01	0.19	-0.19	0.27
2043	9					6.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2046	4835	0.1155	0.1182	43.07	<.0001	-1.50	-0.16	-0.22	-0.37	0.01	0.01	0.04	-0.10	-0.04	-0.02	-0.04	-0.03	-0.08	-0.02	-0.04	0.01
2047	14673	0.0105	0.0115	11.34	<.0001	-2.45	0.01	-0.14	-0.15	0.01	-0.05	-0.04	0.00	0.05	0.07	0.07	0.07	0.08	-0.01	0.05	-0.04
2048	4073	0.0980	0.1013	30.48	<.0001	-1.69	-0.33	-0.40	-0.37	0.08	-0.01	0.03	0.02	0.14	0.05	0.05	-0.02	-0.05	-0.08	-0.03	0.08
2052	1641	0.0042	0.0133	1.46	0.1128	-0.28	-0.16	0.05	-0.03	0.03	-0.03	-0.04	0.12	0.01	0.15	-0.02	0.08	-0.15	-0.06	-0.16	-0.05
2053	506	0.0779	0.1053	3.85	<.0001	-0.65	0.14	0.18	0.08	-0.01	0.00	0.05	0.04	-0.09	-0.01	0.11	-0.03	0.07	0.06	0.11	0.12
2054	598	0.1404	0.1620	7.50	<.0001	0.49	0.31	0.36	0.06	0.07	0.02	0.07	0.11	0.11	0.13	0.12	0.02	-0.19	-0.08	0.09	0.04
2055	364	0.0976	0.1349	3.62	<.0001	-0.87	0.10	-0.13	0.04	0.01	0.27	-0.17	-0.08	-0.20	0.03	-0.27	0.07	0.11	0.01	-0.20	0.10
3002	470	0.2466	0.2707	11.24	<.0001	-0.03	0.20	0.13	0.13	-0.03	-0.01	0.02	-0.18	0.01	0.00	0.06	-0.05	-0.14	-0.03	0.03	0.05
3003	470	0.2466	0.2707	11.24	<.0001	-0.03	0.20	0.13	0.13	-0.03	-0.01	0.02	-0.18	0.01	0.00	0.06	-0.05	-0.14	-0.03	0.03	0.05

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
3005	331	0.2759	0.3088	9.38	<.0001	0.09	0.07	-0.07	-0.04	-0.02	0.03	-0.02	0.04	0.01	0.08	0.04	0.02	-0.10	0.04	0.08	0.05
3008	251	0.4074	0.4429	12.46	<.0001	0.12	0.09	-0.07	-0.07	-0.01	-0.03	0.01	0.03	-0.02	0.02	0.03	-0.01	-0.13	-0.06	-0.02	0.03
3010	292	0.3005	0.3366	9.33	<.0001	0.06	0.13	-0.08	0.00	0.07	0.02	-0.01	0.02	0.01	0.02	0.00	-0.03	-0.16	-0.03	0.00	-0.16
3012	757	0.1078	0.1255	7.09	<.0001	-0.20	0.19	0.13	0.13	0.02	-0.11	-0.16	-0.15	0.13	-0.21	0.13	-0.07	0.00	0.10	-0.11	0.19
3013	419	0.1197	0.1513	4.79	<.0001	0.26	0.02	0.03	-0.06	0.03	0.03	-0.09	-0.01	0.06	0.04	0.05	0.03	0.05	-0.02	0.04	0.02
3014	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
3015	683	0.1369	0.1559	8.21	<.0001	-0.01	0.13	0.03	0.01	0.03	0.00	-0.02	-0.08	0.01	-0.05	0.00	-0.06	-0.21	-0.07	0.14	0.05
3016	408	0.1084	0.1412	4.30	<.0001	0.28	0.00	0.04	-0.03	0.03	-0.01	-0.08	0.00	0.02	0.02	0.01	0.04	-0.01	-0.01	0.11	0.00
3017	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
3021	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
3044	247	0.1547	0.2062	4.00	<.0001	-1.07	0.13	-0.05	0.02	-0.03	-0.03	0.07	-0.01	-0.06	-0.11	0.02	-0.02	0.04	0.00	-0.02	-0.11
3045	74					0.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3046	17632	0.0210	0.0218	26.16	<.0001	-0.71	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3047	135	0.1023	0.2028	2.02	0.0192	-0.92	-0.05	-0.07	-0.12	0.15	-0.06	0.02	-0.03	-0.01	-0.08	-0.07	-0.23	-0.24	-0.15	-0.10	-0.08
3048	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
3050	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
3052	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
3053	582	0.0950	0.1183	5.06	<.0001	-1.09	0.14	0.06	0.00	0.08	-0.01	0.06	0.05	0.01	0.14	0.02	0.12	0.08	0.02	0.04	0.07
3054	302	0.0763	0.1223	2.66	0.0009	-0.92	0.06	0.04	-0.05	0.04	-0.02	-0.06	-0.04	-0.07	-0.07	0.06	-0.06	-0.01	0.00	0.01	-0.10
3055	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
3059	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
3061	175	0.0950	0.1730	2.22	0.0077	-1.10	0.12	0.12	0.02	0.00	0.12	0.06	0.06	0.06	0.00	0.10	-0.10	-0.44	-0.02	0.01	-0.09
3062	183	0.1981	0.2642	4.00	<.0001	-0.92	-0.04	-0.04	-0.13	0.09	-0.06	0.07	-0.03	-0.01	-0.13	0.29	0.08	-0.06	-0.03	-0.01	-0.16
3066	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
3068	779	0.0453	0.0637	3.46	<.0001	-1.00	0.08	0.05	-0.05	0.01	-0.04	0.01	0.04	-0.04	-0.04	0.02	0.01	0.00	-0.01	-0.04	-0.03
3069	543	0.1091	0.1337	5.42	<.0001	-0.91	-0.01	-0.07	-0.09	-0.02	0.02	0.05	-0.01	0.01	0.00	0.08	0.07	0.01	0.02	0.08	-0.04
3070	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
3072	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
3073	749	0.1494	0.1664	9.76	<.0001	-1.07	0.15	0.17	0.04	-0.02	-0.01	0.06	-0.08	-0.02	-0.03	0.08	-0.02	0.13	0.14	0.04	-0.04
3077	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
3082	253	0.1680	0.2175	4.39	<.0001	-1.09	0.06	-0.10	-0.05	0.07	0.07	0.08	0.06	-0.13	-0.02	0.05	-0.06	-0.17	-0.08	-0.02	-0.01
3083	139	0.3323	0.4049	5.58	<.0001	-1.02	-0.09	-0.01	-0.10	-0.08	0.08	0.12	-0.14	0.33	-0.11	0.03	0.14	0.09	0.07	0.19	0.11
3084	441	0.0563	0.0885	2.75	0.0005	-0.83	0.07	0.03	-0.06	0.02	-0.13	-0.11	-0.19	-0.13	-0.14	-0.10	-0.05	-0.07	-0.15	-0.05	-0.05
3085	284	0.1436	0.1890	4.16	<.0001	-0.91	-0.02	-0.09	-0.13	0.03	0.01	-0.02	0.06	0.00	0.05	0.05	0.03	0.18	0.01	0.01	-0.02
3089	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3090	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3091	1196	0.0418	0.0538	4.48	<.0001	-0.84	0.01	0.05	0.01	0.06	-0.07	0.03	-0.06	-0.14	-0.07	-0.13	-0.08	-0.02	-0.06	0.02	-0.09
3092	17566	0.0206	0.0214	25.63	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.03	0.03
3093	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3096	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3098	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3099	1590	0.0680	0.0768	8.73	<.0001	-0.92	0.05	0.18	0.01	0.06	-0.01	0.08	0.08	0.13	0.04	0.02	0.13	0.03	0.08	0.05	0.03
3100	364	0.1468	0.1821	5.17	<.0001	-0.69	-0.01	0.01	-0.10	0.03	-0.21	-0.09	-0.13	-0.14	-0.14	-0.23	-0.08	-0.14	-0.14	-0.07	-0.13
3104	1429	0.0592	0.0690	6.99	<.0001	-0.97	0.09	0.11	0.09	0.10	0.01	0.12	0.04	0.07	0.06	0.06	0.01	-0.04	0.05	0.02	-0.01
3105	178	0.3834	0.4356	8.34	<.0001	-0.97	0.14	0.15	0.03	0.09	-0.04	-0.04	-0.04	0.03	-0.14	-0.08	-0.11	-0.11	-0.10	0.00	-0.04
3108	1520	0.0647	0.0739	8.00	<.0001	-0.92	0.06	0.15	0.06	0.09	0.10	0.00	0.07	0.13	0.05	0.02	0.12	0.03	0.08	0.10	-0.02
3109	1196	0.0418	0.0538	4.48	<.0001	-0.84	0.01	0.05	0.01	0.06	-0.07	0.03	-0.06	-0.14	-0.07	-0.13	-0.08	-0.02	-0.06	0.02	-0.09
3112	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3114	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3115	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3116	1356	0.0298	0.0405	3.78	<.0001	-0.76	0.04	0.00	-0.03	0.05	-0.02	0.05	0.00	-0.06	-0.01	-0.07	-0.11	-0.06	-0.02	-0.04	-0.13
3117	303	0.1136	0.1576	3.58	<.0001	-1.03	0.11	0.13	0.08	0.05	-0.03	0.00	-0.04	-0.10	0.02	0.01	-0.06	-0.06	-0.03	-0.02	-0.05
3118	397	0.0878	0.1224	3.54	<.0001	-0.93	0.09	0.17	0.03	0.01	-0.12	-0.09	-0.14	-0.04	-0.10	-0.09	0.00	-0.04	-0.10	-0.05	-0.14
3119	579	0.1111	0.1341	5.82	<.0001	-0.93	0.09	0.12	-0.01	0.07	-0.15	-0.06	-0.01	-0.11	-0.12	-0.12	-0.14	-0.18	-0.12	-0.13	-0.19

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
3120	1196	0.0418	0.0538	4.48	<.0001	-0.84	0.01	0.05	0.01	0.06	-0.07	0.03	-0.06	-0.14	-0.07	-0.13	-0.08	-0.02	-0.06	0.02	-0.09
3121	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3122	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3127	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3128	249	0.1590	0.2098	4.12	<.0001	-1.04	0.07	0.08	0.10	-0.01	-0.03	0.01	0.02	-0.01	0.08	0.11	0.00	0.02	0.04	0.06	0.03
3129	508	0.1314	0.1571	6.11	<.0001	-1.05	0.08	0.12	0.06	-0.02	-0.03	0.15	0.00	0.09	0.07	-0.04	0.32	0.12	0.05	0.05	0.09
3130	1297	0.1020	0.1124	10.82	<.0001	-1.00	0.13	0.18	0.08	0.11	0.08	0.17	0.10	0.15	0.10	-0.06	0.02	0.06	0.02	0.04	0.04
3131	599	0.1053	0.1278	5.69	<.0001	-0.76	-0.03	0.04	-0.06	0.03	-0.14	-0.12	-0.05	-0.17	-0.17	0.03	-0.12	-0.12	-0.06	-0.08	-0.07
3132	1317	0.0351	0.0461	4.19	<.0001	-0.93	0.10	0.09	0.06	0.06	-0.02	0.07	0.11	0.07	0.01	0.02	0.04	0.01	0.04	0.06	0.03
3133	539	0.1601	0.1836	7.84	<.0001	-0.77	-0.09	0.05	-0.06	-0.02	-0.07	-0.11	-0.20	-0.04	-0.16	0.02	-0.01	0.07	-0.02	-0.04	-0.06
3134	321	0.1942	0.2320	6.14	<.0001	-1.03	0.05	0.08	-0.07	0.14	-0.04	0.08	0.01	0.01	-0.05	0.03	0.06	0.00	-0.06	0.00	-0.05
3135	229	0.2384	0.2885	5.76	<.0001	-0.99	0.11	0.05	0.13	-0.01	-0.02	-0.03	-0.01	0.01	-0.01	-0.05	-0.10	-0.03	-0.03	-0.10	-0.06
3136	264	0.1665	0.2140	4.50	<.0001	-0.80	-0.03	-0.03	-0.15	0.01	0.03	0.02	-0.05	-0.04	-0.05	-0.01	-0.05	-0.07	0.00	-0.04	-0.04
3139	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3140	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3141	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3142	40560	0.0265	0.0268	74.56	<.0001	-0.90	0.10	0.09	0.04	0.07	-0.04	0.01	-0.02	0.02	-0.03	0.00	-0.01	-0.02	0.01	0.02	-0.02
3143	1356	0.0298	0.0405	3.78	<.0001	-0.76	0.04	0.00	-0.03	0.05	-0.02	0.05	0.00	-0.06	-0.01	-0.07	-0.11	-0.06	-0.02	-0.04	-0.13
3144	1356	0.0298	0.0405	3.78	<.0001	-0.76	0.04	0.00	-0.03	0.05	-0.02	0.05	0.00	-0.06	-0.01	-0.07	-0.11	-0.06	-0.02	-0.04	-0.13
3145	1356	0.0298	0.0405	3.78	<.0001	-0.76	0.04	0.00	-0.03	0.05	-0.02	0.05	0.00	-0.06	-0.01	-0.07	-0.11	-0.06	-0.02	-0.04	-0.13
3147	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3152	1					0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3153	1356	0.0298	0.0405	3.78	<.0001	-0.76	0.04	0.00	-0.03	0.05	-0.02	0.05	0.00	-0.06	-0.01	-0.07	-0.11	-0.06	-0.02	-0.04	-0.13
3154	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3156	42					0.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3157	359	0.0536	0.0932	2.35	0.0032	-0.98	0.08	0.11	0.02	0.05	0.00	-0.02	-0.05	-0.02	0.03	-0.02	-0.04	0.10	-0.04	-0.03	-0.04
3158	437	0.1426	0.1721	5.84	<.0001	-0.87	0.02	0.06	-0.10	0.07	-0.15	-0.07	-0.13	-0.12	-0.20	-0.12	-0.16	-0.14	-0.18	-0.06	-0.20
3159	1317	0.0351	0.0461	4.19	<.0001	-0.93	0.10	0.09	0.06	0.06	-0.02	0.07	0.11	0.07	0.01	0.02	0.04	0.01	0.04	0.06	0.03
3161	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3163	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3164	755	0.1630	0.1796	10.79	<.0001	-0.95	0.14	0.08	-0.11	0.04	-0.10	0.01	-0.15	-0.10	-0.07	-0.09	0.03	-0.09	-0.07	-0.04	-0.13
3165	17421	0.0208	0.0216	25.65	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3166	740	0.0630	0.0820	4.31	<.0001	-1.24	0.04	0.02	-0.17	0.06	-0.10	-0.07	-0.01	-0.01	-0.14	0.00	-0.13	-0.06	-0.08	0.10	-0.04
3167	4383	0.0604	0.0636	19.79	<.0001	-1.18	-0.09	-0.04	-0.20	0.09	-0.04	-0.02	0.02	-0.02	0.11	0.01	0.09	0.11	0.00	0.06	0.02
3168	4383	0.0604	0.0636	19.79	<.0001	-1.18	-0.09	-0.04	-0.20	0.09	-0.04	-0.02	0.02	-0.02	0.11	0.01	0.09	0.11	0.00	0.06	0.02
3169	4383	0.0604	0.0636	19.79	<.0001	-1.18	-0.09	-0.04	-0.20	0.09	-0.04	-0.02	0.02	-0.02	0.11	0.01	0.09	0.11	0.00	0.06	0.02
3171	4383	0.0604	0.0636	19.79	<.0001	-1.18	-0.09	-0.04	-0.20	0.09	-0.04	-0.02	0.02	-0.02	0.11	0.01	0.09	0.11	0.00	0.06	0.02
3172	4383	0.0604	0.0636	19.79	<.0001	-1.18	-0.09	-0.04	-0.20	0.09	-0.04	-0.02	0.02	-0.02	0.11	0.01	0.09	0.11	0.00	0.06	0.02
3174	4383	0.0604	0.0636	19.79	<.0001	-1.18	-0.09	-0.04	-0.20	0.09	-0.04	-0.02	0.02	-0.02	0.11	0.01	0.09	0.11	0.00	0.06	0.02
3179	4383	0.0604	0.0636	19.79	<.0001	-1.18	-0.09	-0.04	-0.20	0.09	-0.04	-0.02	0.02	-0.02	0.11	0.01	0.09	0.11	0.00	0.06	0.02
3181	8253	0.0215	0.0233	13.08	<.0001	-0.36	0.07	-0.03	-0.07	0.10	0.14	0.11	0.02	0.08	0.08	0.00	-0.01	0.10	0.15	0.11	0.24
3184	8253	0.0215	0.0233	13.08	<.0001	-0.36	0.07	-0.03	-0.07	0.10	0.14	0.11	0.02	0.08	0.08	0.00	-0.01	0.10	0.15	0.11	0.24
3185	616	0.1343	0.1554	7.36	<.0001	-0.25	0.00	-0.02	0.02	-0.18	0.00	-0.01	-0.10	0.01	0.03	0.08	0.16	0.05	0.05	0.07	0.11
3186	8253	0.0215	0.0233	13.08	<.0001	-0.36	0.07	-0.03	-0.07	0.10	0.14	0.11	0.02	0.08	0.08	0.00	-0.01	0.10	0.15	0.11	0.24
3187	418	0.1519	0.1824	5.98	<.0001	-0.93	0.15	0.07	-0.03	-0.01	-0.02	-0.02	-0.03	-0.14	-0.13	-0.07	-0.01	0.00	0.00	0.03	-0.05
3188	418	0.1519	0.1824	5.98	<.0001	-0.93	0.15	0.07	-0.03	-0.01	-0.02	-0.02	-0.03	-0.14	-0.13	-0.07	-0.01	0.00	0.00	0.03	-0.05
3189	8253	0.0215	0.0233	13.08	<.0001	-0.36	0.07	-0.03	-0.07	0.10	0.14	0.11	0.02	0.08	0.08	0.00	-0.01	0.10	0.15	0.11	0.24
3190	145	0.0808	0.1765	1.84	0.0352	-0.22	0.01	0.04	-0.01	0.00	-0.05	-0.03	-0.05	-0.06	-0.04	0.01	-0.04	-0.01	-0.06	-0.09	-0.09
3191	579	0.1098	0.1329	5.75	<.0001	-1.02	0.07	0.05	-0.05	0.08	0.01	0.00	0.03	0.03	-0.01	0.03	0.00	0.00	0.10	0.02	0.02
3192	579	0.1098	0.1329	5.75	<.0001	-1.02	0.07	0.05	-0.05	0.08	0.01	0.00	0.03	0.03	-0.01	0.03	0.00	0.00	0.10	0.02	0.02
3194	1225	0.0647	0.0762	6.64	<.0001	-0.29	0.01	-0.12	-0.04	0.04	-0.10	-0.03	-0.12	-0.13	-0.01	-0.17	-0.12	-0.19	-0.10	-0.05	0.02
3195	445	0.2107	0.2373	8.90	<.0001	-0.98	0.13	0.18	0.04	0.06	-0.11	-0.08	-0.16	-0.22	-0.11	-0.15	-0.08	-0.04	-0.10	-0.02	0.01
3205	8253	0.0215	0.0233	13.08	<.0001	-0.36	0.07	-0.03	-0.07	0.10	0.14	0.11	0.02	0.08	0.08	0.00	-0.01	0.10	0.15	0.11	0.24
3206	16583	0.0190	0.0199	22.45	<.0001	-0.99	-0.02	-0.08	0.06	0.04	0.07	0.11	0.13	0.14	0.17	0.14	0.15	0.12	0.17	0.12	0.04

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
3209	265	0.3153	0.3542	9.10	<.0001	0.25	0.06	0.08	-0.01	-0.03	-0.03	0.00	0.06	-0.11	0.09	0.00	0.01	0.06	0.05	0.22	0.03
3210	8253	0.0215	0.0233	13.08	<.0001	-0.36	0.07	-0.03	-0.07	0.10	0.14	0.11	0.02	0.08	0.08	0.00	-0.01	0.10	0.15	0.11	0.24
3212	8253	0.0215	0.0233	13.08	<.0001	-0.36	0.07	-0.03	-0.07	0.10	0.14	0.11	0.02	0.08	0.08	0.00	-0.01	0.10	0.15	0.11	0.24
3213	9747	0.0196	0.0211	14.01	<.0001	-0.56	-0.02	-0.01	-0.14	0.03	-0.10	-0.06	-0.06	0.00	-0.03	-0.10	-0.05	-0.03	-0.09	-0.07	-0.06
3215	9747	0.0196	0.0211	14.01	<.0001	-0.56	-0.02	-0.01	-0.14	0.03	-0.10	-0.06	-0.06	0.00	-0.03	-0.10	-0.05	-0.03	-0.09	-0.07	-0.06
3216	9747	0.0196	0.0211	14.01	<.0001	-0.56	-0.02	-0.01	-0.14	0.03	-0.10	-0.06	-0.06	0.00	-0.03	-0.10	-0.05	-0.03	-0.09	-0.07	-0.06
3217	9747	0.0196	0.0211	14.01	<.0001	-0.56	-0.02	-0.01	-0.14	0.03	-0.10	-0.06	-0.06	0.00	-0.03	-0.10	-0.05	-0.03	-0.09	-0.07	-0.06
3220	40532	0.0264	0.0268	74.27	<.0001	-0.90	0.10	0.09	0.04	0.07	-0.04	0.01	-0.02	0.02	-0.03	0.00	-0.01	-0.02	0.01	0.02	-0.02
3221	40532	0.0264	0.0268	74.27	<.0001	-0.90	0.10	0.09	0.04	0.07	-0.04	0.01	-0.02	0.02	-0.03	0.00	-0.01	-0.02	0.01	0.02	-0.02
3222	40532	0.0264	0.0268	74.27	<.0001	-0.90	0.10	0.09	0.04	0.07	-0.04	0.01	-0.02	0.02	-0.03	0.00	-0.01	-0.02	0.01	0.02	-0.02
3227	40532	0.0264	0.0268	74.27	<.0001	-0.90	0.10	0.09	0.04	0.07	-0.04	0.01	-0.02	0.02	-0.03	0.00	-0.01	-0.02	0.01	0.02	-0.02
3228	40532	0.0264	0.0268	74.27	<.0001	-0.90	0.10	0.09	0.04	0.07	-0.04	0.01	-0.02	0.02	-0.03	0.00	-0.01	-0.02	0.01	0.02	-0.02
3233	40532	0.0264	0.0268	74.27	<.0001	-0.90	0.10	0.09	0.04	0.07	-0.04	0.01	-0.02	0.02	-0.03	0.00	-0.01	-0.02	0.01	0.02	-0.02
3235	40532	0.0264	0.0268	74.27	<.0001	-0.90	0.10	0.09	0.04	0.07	-0.04	0.01	-0.02	0.02	-0.03	0.00	-0.01	-0.02	0.01	0.02	-0.02
3236	40532	0.0264	0.0268	74.27	<.0001	-0.90	0.10	0.09	0.04	0.07	-0.04	0.01	-0.02	0.02	-0.03	0.00	-0.01	-0.02	0.01	0.02	-0.02
3245	454	0.1531	0.1811	6.46	<.0001	-1.00	0.12	0.16	-0.01	0.07	-0.18	-0.07	-0.08	-0.03	-0.08	-0.04	-0.09	-0.07	-0.05	0.00	-0.02
3246	166	0.1308	0.2098	2.66	0.0013	-0.92	-0.03	-0.08	-0.04	-0.09	0.07	0.01	-0.14	0.04	0.05	0.04	0.05	0.06	-0.08	-0.07	-0.02
3265	4383	0.0604	0.0636	19.79	<.0001	-1.18	-0.09	-0.04	-0.20	0.09	-0.04	-0.02	0.02	-0.02	0.11	0.01	0.09	0.11	0.00	0.06	0.02
3266	4383	0.0604	0.0636	19.79	<.0001	-1.18	-0.09	-0.04	-0.20	0.09	-0.04	-0.02	0.02	-0.02	0.11	0.01	0.09	0.11	0.00	0.06	0.02
3267	4383	0.0604	0.0636	19.79	<.0001	-1.18	-0.09	-0.04	-0.20	0.09	-0.04	-0.02	0.02	-0.02	0.11	0.01	0.09	0.11	0.00	0.06	0.02
3269	740	0.0630	0.0820	4.31	<.0001	-1.24	0.04	0.02	-0.17	0.06	-0.10	-0.07	-0.01	-0.01	-0.14	0.00	-0.13	-0.06	-0.08	0.10	-0.04
3274	457	0.1077	0.1371	4.67	<.0001	-0.88	-0.05	-0.08	-0.12	0.03	-0.02	-0.09	-0.04	0.06	0.07	0.02	-0.02	-0.03	-0.03	-0.01	-0.14
3280	354	0.1115	0.1492	3.95	<.0001	-1.03	0.08	0.12	0.05	0.00	-0.09	-0.03	-0.10	0.03	0.01	-0.08	-0.01	-0.02	0.01	0.03	-0.03
3282	1196	0.0418	0.0538	4.48	<.0001	-0.84	0.01	0.05	0.01	0.06	-0.07	0.03	-0.06	-0.14	-0.07	-0.13	-0.08	-0.02	-0.06	0.02	-0.09
3283	623	0.1370	0.1579	7.59	<.0001	-1.07	0.16	0.16	0.02	0.07	-0.04	0.06	-0.01	0.02	-0.09	0.06	0.04	-0.01	-0.01	0.07	0.01
3286	434	0.0774	0.1093	3.42	<.0001	-1.00	0.10	0.13	0.04	0.02	-0.03	0.00	-0.07	0.04	-0.06	-0.05	0.03	0.01	-0.03	0.04	0.03
3287	139	0.4627	0.5211	8.92	<.0001	-1.03	0.10	0.10	0.05	0.04	0.11	0.02	0.00	-0.09	-0.04	-0.11	-0.03	0.03	-0.04	0.00	-0.09
3289	40532	0.0264	0.0268	74.27	<.0001	-0.90	0.10	0.09	0.04	0.07	-0.04	0.01	-0.02	0.02	-0.03	0.00	-0.01	-0.02	0.01	0.02	-0.02
3290	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
3293	40532	0.0264	0.0268	74.27	<.0001	-0.90	0.10	0.09	0.04	0.07	-0.04	0.01	-0.02	0.02	-0.03	0.00	-0.01	-0.02	0.01	0.02	-0.02
3296	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
3297	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
3298	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
3303	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
3304	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
3800	1279	0.2319	0.2410	26.73	<.0001	-0.79	0.00	0.00	0.00	0.25	-0.08	-0.04	-0.01	0.00	0.04	-0.07	-0.04	-0.07	-0.05	0.03	-0.08
3801	1028	0.1440	0.1565	12.52	<.0001	-0.15	-0.13	-0.23	-0.21	0.08	0.00	0.08	-0.07	0.04	0.04	-0.04	-0.02	-0.01	-0.05	0.00	0.06
3802	3943	0.0137	0.0174	4.65	<.0001	0.85	-0.02	-0.01	-0.04	0.04	-0.04	-0.04	-0.03	-0.08	-0.07	-0.03	-0.06	-0.06	-0.05	-0.11	-0.03
3803	1279	0.2319	0.2410	26.73	<.0001	-0.79	0.00	0.00	0.00	0.25	-0.08	-0.04	-0.01	0.00	0.04	-0.07	-0.04	-0.07	-0.05	0.03	-0.08
3804	1028	0.1440	0.1565	12.52	<.0001	-0.15	-0.13	-0.23	-0.21	0.08	0.00	0.08	-0.07	0.04	0.04	-0.04	-0.02	-0.01	-0.05	0.00	0.06
3805	3943	0.0137	0.0174	4.65	<.0001	0.85	-0.02	-0.01	-0.04	0.04	-0.04	-0.04	-0.03	-0.08	-0.07	-0.03	-0.06	-0.06	-0.05	-0.11	-0.03
3806	1279	0.2319	0.2410	26.73	<.0001	-0.79	0.00	0.00	0.00	0.25	-0.08	-0.04	-0.01	0.00	0.04	-0.07	-0.04	-0.07	-0.05	0.03	-0.08
3807	1028	0.1440	0.1565	12.52	<.0001	-0.15	-0.13	-0.23	-0.21	0.08	0.00	0.08	-0.07	0.04	0.04	-0.04	-0.02	-0.01	-0.05	0.00	0.06
3809	3943	0.0137	0.0174	4.65	<.0001	0.85	-0.02	-0.01	-0.04	0.04	-0.04	-0.04	-0.03	-0.08	-0.07	-0.03	-0.06	-0.06	-0.05	-0.11	-0.03
3810	3943	0.0137	0.0174	4.65	<.0001	0.85	-0.02	-0.01	-0.04	0.04	-0.04	-0.04	-0.03	-0.08	-0.07	-0.03	-0.06	-0.06	-0.05	-0.11	-0.03
3813	1279	0.2319	0.2410	26.73	<.0001	-0.79	0.00	0.00	0.00	0.25	-0.08	-0.04	-0.01	0.00	0.04	-0.07	-0.04	-0.07	-0.05	0.03	-0.08
3814	3943	0.0137	0.0174	4.65	<.0001	0.85	-0.02	-0.01	-0.04	0.04	-0.04	-0.04	-0.03	-0.08	-0.07	-0.03	-0.06	-0.06	-0.05	-0.11	-0.03
3816	1028	0.1440	0.1565	12.52	<.0001	-0.15	-0.13	-0.23	-0.21	0.08	0.00	0.08	-0.07	0.04	0.04	-0.04	-0.02	-0.01	-0.05	0.00	0.06
3819	52					2.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3821	3943	0.0137	0.0174	4.65	<.0001	0.85	-0.02	-0.01	-0.04	0.04	-0.04	-0.04	-0.03	-0.08	-0.07	-0.03	-0.06	-0.06	-0.05	-0.11	-0.03
3823	1279	0.2319	0.2410	26.73	<.0001	-0.79	0.00	0.00	0.00	0.25	-0.08	-0.04	-0.01	0.00	0.04	-0.07	-0.04	-0.07	-0.05	0.03	-0.08
3824	1028	0.1440	0.1565	12.52	<.0001	-0.15	-0.13	-0.23	-0.21	0.08	0.00	0.08	-0.07	0.04	0.04	-0.04	-0.02	-0.01	-0.05	0.00	0.06
3826	132	0.4099	0.4774	7.07	<.0001	1.06	-0.30	-0.20	-0.01	0.03	-0.03	-0.08	-0.02	-0.06	-0.07	-0.06	0.01	-0.04	-0.10	0.00	-0.03
3837	3943	0.0137	0.0174	4.65	<.0001	0.85	-0.02	-0.01	-0.04	0.04	-0.04	-0.04	-0.03	-0.08	-0.07	-0.03	-0.06	-0.06	-0.05	-0.11	-0.03

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
3839	1279	0.2319	0.2410	26.73	<.0001	-0.79	0.00	0.00	0.00	0.25	-0.08	-0.04	-0.01	0.00	0.04	-0.07	-0.04	-0.07	-0.05	0.03	-0.08
3840	1279	0.2319	0.2410	26.73	<.0001	-0.79	0.00	0.00	0.00	0.25	-0.08	-0.04	-0.01	0.00	0.04	-0.07	-0.04	-0.07	-0.05	0.03	-0.08
3841	1279	0.2319	0.2410	26.73	<.0001	-0.79	0.00	0.00	0.00	0.25	-0.08	-0.04	-0.01	0.00	0.04	-0.07	-0.04	-0.07	-0.05	0.03	-0.08
3842	1028	0.1440	0.1565	12.52	<.0001	-0.15	-0.13	-0.23	-0.21	0.08	0.00	0.08	-0.07	0.04	0.04	-0.04	-0.02	-0.01	-0.05	0.00	0.06
3843	3943	0.0137	0.0174	4.65	<.0001	0.85	-0.02	-0.01	-0.04	0.04	-0.04	-0.04	-0.03	-0.08	-0.07	-0.03	-0.06	-0.06	-0.05	-0.11	-0.03
3846	1279	0.2319	0.2410	26.73	<.0001	-0.79	0.00	0.00	0.00	0.25	-0.08	-0.04	-0.01	0.00	0.04	-0.07	-0.04	-0.07	-0.05	0.03	-0.08
3850	1279	0.2319	0.2410	26.73	<.0001	-0.79	0.00	0.00	0.00	0.25	-0.08	-0.04	-0.01	0.00	0.04	-0.07	-0.04	-0.07	-0.05	0.03	-0.08
3851	1028	0.1440	0.1565	12.52	<.0001	-0.15	-0.13	-0.23	-0.21	0.08	0.00	0.08	-0.07	0.04	0.04	-0.04	-0.02	-0.01	-0.05	0.00	0.06
3853	3943	0.0137	0.0174	4.65	<.0001	0.85	-0.02	-0.01	-0.04	0.04	-0.04	-0.04	-0.03	-0.08	-0.07	-0.03	-0.06	-0.06	-0.05	-0.11	-0.03
3855	1279	0.2319	0.2410	26.73	<.0001	-0.79	0.00	0.00	0.00	0.25	-0.08	-0.04	-0.01	0.00	0.04	-0.07	-0.04	-0.07	-0.05	0.03	-0.08
3856	1028	0.1440	0.1565	12.52	<.0001	-0.15	-0.13	-0.23	-0.21	0.08	0.00	0.08	-0.07	0.04	0.04	-0.04	-0.02	-0.01	-0.05	0.00	0.06
3858	3943	0.0137	0.0174	4.65	<.0001	0.85	-0.02	-0.01	-0.04	0.04	-0.04	-0.04	-0.03	-0.08	-0.07	-0.03	-0.06	-0.06	-0.05	-0.11	-0.03
3860	1279	0.2319	0.2410	26.73	<.0001	-0.79	0.00	0.00	0.00	0.25	-0.08	-0.04	-0.01	0.00	0.04	-0.07	-0.04	-0.07	-0.05	0.03	-0.08
3868	1279	0.2319	0.2410	26.73	<.0001	-0.79	0.00	0.00	0.00	0.25	-0.08	-0.04	-0.01	0.00	0.04	-0.07	-0.04	-0.07	-0.05	0.03	-0.08
3869	3943	0.0137	0.0174	4.65	<.0001	0.85	-0.02	-0.01	-0.04	0.04	-0.04	-0.04	-0.03	-0.08	-0.07	-0.03	-0.06	-0.06	-0.05	-0.11	-0.03
3871	1028	0.1440	0.1565	12.52	<.0001	-0.15	-0.13	-0.23	-0.21	0.08	0.00	0.08	-0.07	0.04	0.04	-0.04	-0.02	-0.01	-0.05	0.00	0.06
3880	1279	0.2319	0.2410	26.73	<.0001	-0.79	0.00	0.00	0.00	0.25	-0.08	-0.04	-0.01	0.00	0.04	-0.07	-0.04	-0.07	-0.05	0.03	-0.08
3881	1028	0.1440	0.1565	12.52	<.0001	-0.15	-0.13	-0.23	-0.21	0.08	0.00	0.08	-0.07	0.04	0.04	-0.04	-0.02	-0.01	-0.05	0.00	0.06
3883	3943	0.0137	0.0174	4.65	<.0001	0.85	-0.02	-0.01	-0.04	0.04	-0.04	-0.04	-0.03	-0.08	-0.07	-0.03	-0.06	-0.06	-0.05	-0.11	-0.03
3890	1279	0.2319	0.2410	26.73	<.0001	-0.79	0.00	0.00	0.00	0.25	-0.08	-0.04	-0.01	0.00	0.04	-0.07	-0.04	-0.07	-0.05	0.03	-0.08
3891	1028	0.1440	0.1565	12.52	<.0001	-0.15	-0.13	-0.23	-0.21	0.08	0.00	0.08	-0.07	0.04	0.04	-0.04	-0.02	-0.01	-0.05	0.00	0.06
3893	3943	0.0137	0.0174	4.65	<.0001	0.85	-0.02	-0.01	-0.04	0.04	-0.04	-0.04	-0.03	-0.08	-0.07	-0.03	-0.06	-0.06	-0.05	-0.11	-0.03
3900	1279	0.2319	0.2410	26.73	<.0001	-0.79	0.00	0.00	0.00	0.25	-0.08	-0.04	-0.01	0.00	0.04	-0.07	-0.04	-0.07	-0.05	0.03	-0.08
3901	1028	0.1440	0.1565	12.52	<.0001	-0.15	-0.13	-0.23	-0.21	0.08	0.00	0.08	-0.07	0.04	0.04	-0.04	-0.02	-0.01	-0.05	0.00	0.06
3913	3943	0.0137	0.0174	4.65	<.0001	0.85	-0.02	-0.01	-0.04	0.04	-0.04	-0.04	-0.03	-0.08	-0.07	-0.03	-0.06	-0.06	-0.05	-0.11	-0.03
3925	1279	0.2319	0.2410	26.73	<.0001	-0.79	0.00	0.00	0.00	0.25	-0.08	-0.04	-0.01	0.00	0.04	-0.07	-0.04	-0.07	-0.05	0.03	-0.08
3926	1028	0.1440	0.1565	12.52	<.0001	-0.15	-0.13	-0.23	-0.21	0.08	0.00	0.08	-0.07	0.04	0.04	-0.04	-0.02	-0.01	-0.05	0.00	0.06
3928	3943	0.0137	0.0174	4.65	<.0001	0.85	-0.02	-0.01	-0.04	0.04	-0.04	-0.04	-0.03	-0.08	-0.07	-0.03	-0.06	-0.06	-0.05	-0.11	-0.03
3929	3943	0.0137	0.0174	4.65	<.0001	0.85	-0.02	-0.01	-0.04	0.04	-0.04	-0.04	-0.03	-0.08	-0.07	-0.03	-0.06	-0.06	-0.05	-0.11	-0.03
4001	502	0.1948	0.2189	9.08	<.0001	-1.79	0.17	0.19	-0.12	0.03	0.05	0.04	-0.03	0.08	0.12	0.04	0.02	0.03	0.00	0.10	0.06
4002	502	0.1948	0.2189	9.08	<.0001	-1.79	0.17	0.19	-0.12	0.03	0.05	0.04	-0.03	0.08	0.12	0.04	0.02	0.03	0.00	0.10	0.06
4015	729	0.1752	0.1922	11.31	<.0001	-0.54	-0.31	-0.31	-0.21	0.06	0.09	0.05	0.09	-0.05	-0.04	0.05	-0.07	0.04	0.05	-0.02	-0.02
4016	1460	0.0313	0.0413	4.14	<.0001	-0.67	-0.06	-0.12	-0.12	-0.04	-0.06	-0.05	0.01	-0.09	-0.06	-0.01	-0.08	-0.06	0.02	-0.12	0.02
4017	5310	0.0391	0.0418	15.39	<.0001	-0.69	-0.11	-0.23	-0.11	-0.03	-0.07	-0.05	-0.05	-0.10	-0.07	-0.06	-0.08	-0.04	-0.08	-0.06	-0.01
4018	14871	0.0280	0.0290	29.58	<.0001	-1.18	-0.05	-0.18	-0.14	0.01	-0.06	-0.03	-0.09	-0.02	-0.09	-0.05	-0.07	-0.05	-0.04	-0.08	-0.14
4020	5					0.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4021	4992	0.0639	0.0667	23.71	<.0001	-0.72	-0.17	-0.32	-0.16	-0.07	0.06	0.04	-0.03	0.11	-0.01	0.05	0.01	0.08	0.07	0.10	0.12
4022	5325	0.0386	0.0413	15.25	<.0001	-0.69	-0.11	-0.22	-0.11	-0.03	-0.07	-0.05	-0.05	-0.09	-0.06	-0.06	-0.08	-0.04	-0.07	-0.06	0.00
4023	10					0.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4025	454	0.1929	0.2196	8.22	<.0001	-2.15	0.14	0.24	0.08	-0.09	0.10	0.03	0.10	0.07	0.07	-0.02	-0.04	-0.04	0.03	-0.01	0.00
4027	454	0.1929	0.2196	8.22	<.0001	-2.15	0.14	0.24	0.08	-0.09	0.10	0.03	0.10	0.07	0.07	-0.02	-0.04	-0.04	0.03	-0.01	0.00
4029	454	0.1929	0.2196	8.22	<.0001	-2.15	0.14	0.24	0.08	-0.09	0.10	0.03	0.10	0.07	0.07	-0.02	-0.04	-0.04	0.03	-0.01	0.00
4030	1384	0.2865	0.2942	38.02	<.0001	-0.77	0.13	-0.37	-0.40	0.08	0.06	0.03	-0.05	0.00	-0.04	-0.09	-0.05	-0.08	0.03	-0.05	-0.11
4031	7866	0.0264	0.0283	15.24	<.0001	-1.32	-0.09	-0.15	-0.18	-0.01	-0.05	-0.04	-0.05	-0.05	-0.05	-0.03	-0.05	0.00	-0.01	-0.02	-0.01
4034	2066	0.1341	0.1404	22.32	<.0001	-1.97	-0.31	-0.34	-0.25	0.04	0.04	-0.02	-0.02	-0.04	0.01	0.03	0.02	0.04	0.02	-0.02	-0.04
4038	111	0.2464	0.3491	3.40	0.0001	-1.87	0.11	-0.06	-0.15	0.01	0.01	0.11	-0.03	0.08	0.09	-0.01	0.04	-0.02	-0.18	0.00	-0.10
4042	781	0.3747	0.3868	32.16	<.0001	-1.03	0.12	-0.03	-0.47	-0.16	0.24	0.35	0.15	0.21	0.15	0.23	0.11	0.13	0.19	0.15	-0.32
4044	2069	0.1219	0.1283	20.14	<.0001	-1.97	-0.31	-0.34	-0.25	0.04	0.04	-0.02	-0.02	-0.03	0.01	0.03	0.02	0.04	0.02	-0.02	-0.04
4047	16					1.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4053	1					0.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4058	521	0.1943	0.2175	9.36	<.0001	0.58	-0.38	-0.19	-0.22	0.15	0.01	0.22	0.17	0.21	0.39	0.27	0.21	0.03	0.18	0.21	0.05
4073	17916	0.0252	0.0260	31.85	<.0001	-1.55	-0.05	-0.06	-0.20	0.01	0.01	0.02	0.03	0.03	0.05	0.04	0.02	0.02	-0.01	-0.01	0.03
4105	4180	0.1167	0.1199	37.82	<.0001	-1.07	-0.02	-0.04	-0.25	0.03	0.04	0.10	0.02	0.07	-0.01	0.00	0.03	-0.01	0.01	0.08	-0.01
4114	4992	0.0639	0.0667	23.71	<.0001	-0.72	-0.17	-0.32	-0.16	-0.07	0.06	0.04	-0.03	0.11	-0.01	0.05	0.01	0.08	0.07	0.10	0.12

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
4120	1200	0.0247	0.0369	3.02	<.0001	-1.40	0.16	0.12	0.28	0.03	-0.08	-0.08	-0.05	-0.02	-0.10	0.05	-0.05	0.11	0.00	-0.05	-0.08
4128	17916	0.0252	0.0260	31.85	<.0001	-1.55	-0.05	-0.06	-0.20	0.01	0.01	0.02	0.03	0.03	0.05	0.04	0.02	0.02	-0.01	-0.01	0.03
4132	15637	0.0258	0.0267	28.56	<.0001	-1.56	-0.05	-0.06	-0.21	-0.01	0.00	0.00	0.02	0.02	0.03	0.03	0.00	0.00	-0.01	-0.02	0.02
4135	22					0.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4367	5325	0.0386	0.0413	15.25	<.0001	-0.69	-0.11	-0.22	-0.11	-0.03	-0.07	-0.05	-0.05	-0.09	-0.06	-0.06	-0.08	-0.04	-0.07	-0.06	0.00
4502	33					1.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4506	111	0.2464	0.3491	3.40	0.0001	-1.87	0.11	-0.06	-0.15	0.01	0.01	0.11	-0.03	0.08	0.09	-0.01	0.04	-0.02	-0.18	0.00	-0.10
4511	185	0.1925	0.2583	3.92	<.0001	-0.93	0.19	0.30	-0.13	0.09	-0.15	0.15	0.10	0.02	0.16	0.18	-0.12	-0.04	0.09	0.30	0.29
4518	3429	0.0454	0.0496	11.87	<.0001	-1.79	-0.05	-0.11	-0.19	0.01	-0.03	-0.09	-0.04	-0.03	0.00	-0.06	-0.04	-0.01	-0.07	-0.09	-0.03
4528	111	0.2464	0.3491	3.40	0.0001	-1.87	0.11	-0.06	-0.15	0.01	0.01	0.11	-0.03	0.08	0.09	-0.01	0.04	-0.02	-0.18	0.00	-0.10
4529	111	0.2464	0.3491	3.40	0.0001	-1.87	0.11	-0.06	-0.15	0.01	0.01	0.11	-0.03	0.08	0.09	-0.01	0.04	-0.02	-0.18	0.00	-0.10
4531	2066	0.1341	0.1404	22.32	<.0001	-1.97	-0.31	-0.34	-0.25	0.04	0.04	-0.02	-0.02	-0.04	0.01	0.03	0.02	0.04	0.02	-0.02	-0.04
4539	73922	0.0192	0.0194	97.63	<.0001	-0.77	-0.09	-0.16	-0.10	-0.02	0.00	0.01	0.00	0.00	-0.04	0.01	-0.04	0.00	0.00	0.00	0.02
4543	2066	0.1341	0.1404	22.32	<.0001	-1.97	-0.31	-0.34	-0.25	0.04	0.04	-0.02	-0.02	-0.04	0.01	0.03	0.02	0.04	0.02	-0.02	-0.04
4544	7866	0.0264	0.0283	15.24	<.0001	-1.32	-0.09	-0.15	-0.18	-0.01	-0.05	-0.04	-0.05	-0.05	-0.05	-0.03	-0.05	0.00	-0.01	-0.02	-0.01
4582	11930	0.1074	0.1085	96.69	<.0001	-1.74	-0.13	-0.21	-0.29	0.00	0.00	0.02	-0.02	-0.01	-0.03	0.00	0.02	-0.02	-0.02	-0.04	-0.06
4585	135	0.4737	0.5326	9.04	<.0001	-0.43	-0.19	-0.74	-0.68	0.15	0.02	0.19	-0.49	-0.14	0.26	0.23	0.34	0.19	0.12	0.44	-0.16
4600	111	0.2464	0.3491	3.40	0.0001	-1.87	0.11	-0.06	-0.15	0.01	0.01	0.11	-0.03	0.08	0.09	-0.01	0.04	-0.02	-0.18	0.00	-0.10
4601	47317	0.1200	0.1203	431.07	<.0001	-0.49	-0.09	-0.19	-0.08	-0.20	0.09	0.13	0.10	0.10	0.18	0.18	0.17	0.13	0.17	0.13	0.01
4602	47317	0.1200	0.1203	431.07	<.0001	-0.49	-0.09	-0.19	-0.08	-0.20	0.09	0.13	0.10	0.10	0.18	0.18	0.17	0.13	0.17	0.13	0.01
4610	47079	0.0408	0.0411	134.61	<.0001	-1.77	0.11	-0.11	-0.10	-0.01	0.02	-0.03	0.00	0.01	0.03	0.01	0.00	0.03	0.01	0.02	-0.03
4611	5631	0.0903	0.0927	38.24	<.0001	-1.59	0.31	0.20	0.16	-0.04	-0.01	0.00	0.07	0.03	-0.04	0.06	0.00	0.02	0.00	-0.02	-0.02
4612	1386	0.3440	0.3512	49.43	<.0001	-1.97	0.59	-0.05	0.28	-0.02	0.20	-0.03	0.13	0.07	0.12	0.14	0.23	0.21	0.20	0.15	0.03
4613	17916	0.0252	0.0260	31.85	<.0001	-1.55	-0.05	-0.06	-0.20	0.01	0.01	0.02	0.03	0.03	0.05	0.04	0.02	0.02	-0.01	-0.01	0.03
4614	1386	0.3440	0.3512	49.43	<.0001	-1.97	0.59	-0.05	0.28	-0.02	0.20	-0.03	0.13	0.07	0.12	0.14	0.23	0.21	0.20	0.15	0.03
4615	8741	0.0533	0.0549	33.79	<.0001	-1.30	-0.08	-0.17	-0.21	0.05	-0.13	-0.15	-0.12	-0.11	-0.12	-0.11	-0.12	-0.06	-0.06	-0.08	-0.01
4616	8741	0.0533	0.0549	33.79	<.0001	-1.30	-0.08	-0.17	-0.21	0.05	-0.13	-0.15	-0.12	-0.11	-0.12	-0.11	-0.12	-0.06	-0.06	-0.08	-0.01
4617	47079	0.0408	0.0411	134.61	<.0001	-1.77	0.11	-0.11	-0.10	-0.01	0.02	-0.03	0.00	0.01	0.03	0.01	0.00	0.03	0.01	0.02	-0.03
4618	5631	0.0903	0.0927	38.24	<.0001	-1.59	0.31	0.20	0.16	-0.04	-0.01	0.00	0.07	0.03	-0.04	0.06	0.00	0.02	0.00	-0.02	-0.02
4619	120400	0.0303	0.0304	251.81	<.0001	-1.51	0.06	-0.12	-0.19	0.02	0.05	0.03	0.05	0.06	0.07	0.06	0.05	0.06	0.05	0.06	-0.01
4620	17916	0.0252	0.0260	31.85	<.0001	-1.55	-0.05	-0.06	-0.20	0.01	0.01	0.02	0.03	0.03	0.05	0.04	0.02	0.02	-0.01	-0.01	0.03
4624	17916	0.0252	0.0260	31.85	<.0001	-1.55	-0.05	-0.06	-0.20	0.01	0.01	0.02	0.03	0.03	0.05	0.04	0.02	0.02	-0.01	-0.01	0.03
4626	120400	0.0303	0.0304	251.81	<.0001	-1.51	0.06	-0.12	-0.19	0.02	0.05	0.03	0.05	0.06	0.07	0.06	0.05	0.06	0.05	0.06	-0.01
4627	17916	0.0252	0.0260	31.85	<.0001	-1.55	-0.05	-0.06	-0.20	0.01	0.01	0.02	0.03	0.03	0.05	0.04	0.02	0.02	-0.01	-0.01	0.03
4631	345	0.1750	0.2110	5.86	<.0001	-1.36	0.30	0.07	0.15	0.15	-0.11	-0.06	0.08	-0.01	0.02	0.06	-0.03	-0.04	-0.06	0.01	0.01
4633	3					0.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4634	17916	0.0252	0.0260	31.85	<.0001	-1.55	-0.05	-0.06	-0.20	0.01	0.01	0.02	0.03	0.03	0.05	0.04	0.02	0.02	-0.01	-0.01	0.03
4635	5325	0.0386	0.0413	15.25	<.0001	-0.69	-0.11	-0.22	-0.11	-0.03	-0.07	-0.05	-0.05	-0.09	-0.06	-0.06	-0.08	-0.04	-0.07	-0.06	0.00
4636	5325	0.0386	0.0413	15.25	<.0001	-0.69	-0.11	-0.22	-0.11	-0.03	-0.07	-0.05	-0.05	-0.09	-0.06	-0.06	-0.08	-0.04	-0.07	-0.06	0.00
5006	145348	0.0104	0.0105	103.09	<.0001	-1.12	0.10	-0.08	-0.05	-0.02	0.00	0.02	0.01	0.01	0.01	0.03	0.03	0.00	0.03	0.02	0.04
5011	147987	0.0110	0.0111	110.86	<.0001	-1.12	0.10	-0.08	-0.06	-0.02	0.00	0.02	0.01	0.01	0.01	0.04	0.03	0.00	0.03	0.02	0.04
5020	2194	0.1204	0.1264	21.02	<.0001	-1.15	-0.15	-0.29	-0.28	-0.01	0.00	0.00	0.05	0.00	0.04	-0.02	-0.05	-0.02	0.09	0.07	0.01
5023	2194	0.1204	0.1264	21.02	<.0001	-1.15	-0.15	-0.29	-0.28	-0.01	0.00	0.00	0.05	0.00	0.04	-0.02	-0.05	-0.02	0.09	0.07	0.01
5027	2194	0.1204	0.1264	21.02	<.0001	-1.15	-0.15	-0.29	-0.28	-0.01	0.00	0.00	0.05	0.00	0.04	-0.02	-0.05	-0.02	0.09	0.07	0.01
5029	82259	0.0154	0.0155	86.58	<.0001	-0.75	0.06	-0.09	-0.07	-0.01	-0.01	-0.02	-0.03	-0.02	0.00	0.02	0.01	-0.01	0.01	0.02	0.00
5039	82259	0.0154	0.0155	86.58	<.0001	-0.75	0.06	-0.09	-0.07	-0.01	-0.01	-0.02	-0.03	-0.02	0.00	0.02	0.01	-0.01	0.01	0.02	0.00
5048	8920	0.0183	0.0200	12.10	<.0001	-1.10	-0.04	-0.15	-0.10	-0.03	0.06	0.01	0.03	0.00	0.03	0.00	0.02	-0.03	0.02	-0.02	0.01
5057	73339	0.0146	0.0148	73.22	<.0001	-0.72	0.08	-0.07	-0.04	-0.01	-0.02	-0.03	-0.03	-0.02	-0.01	0.02	0.02	0.00	0.01	0.02	0.00
5062	73339	0.0146	0.0148	73.22	<.0001	-0.72	0.08	-0.07	-0.04	-0.01	-0.02	-0.03	-0.03	-0.02	-0.01	0.02	0.02	0.00	0.01	0.02	0.00
5066	9903	0.0224	0.0239	16.15	<.0001	-1.43	0.04	-0.14	-0.01	-0.01	0.02	0.01	0.01	-0.05	-0.01	0.02	0.01	0.01	0.02	-0.06	0.05
5071	9903	0.0224	0.0239	16.15	<.0001	-1.43	0.04	-0.14	-0.01	-0.01	0.02	0.01	0.01	-0.05	-0.01	0.02	0.01	0.01	0.02	-0.06	0.05
5075	3226	0.0185	0.0230	5.05	<.0001	-1.70	-0.07	-0.16	-0.12	-0.07	0.08	0.18	0.00	0.01	0.15	0.14	0.04	-0.06	0.08	0.12	0.02
5080	3226	0.0185	0.0230	5.05	<.0001	-1.70	-0.07	-0.16	-0.12	-0.07	0.08	0.18	0.00	0.01	0.15	0.14	0.04	-0.06	0.08	0.12	0.02
5084	8920	0.0183	0.0200	12.10	<.0001	-1.10	-0.04	-0.15	-0.10	-0.03	0.06	0.01	0.03	0.00	0.03	0.00	0.02	-0.03	0.02	-0.02	0.01

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
5091	13481	0.0313	0.0324	30.05	<.0001	-1.18	-0.09	-0.25	-0.15	-0.03	-0.01	-0.02	-0.03	-0.02	-0.02	-0.04	-0.07	-0.01	-0.04	-0.08	0.01
5096	13481	0.0313	0.0324	30.05	<.0001	-1.18	-0.09	-0.25	-0.15	-0.03	-0.01	-0.02	-0.03	-0.02	-0.02	-0.04	-0.07	-0.01	-0.04	-0.08	0.01
5100	8920	0.0183	0.0200	12.10	<.0001	-1.10	-0.04	-0.15	-0.10	-0.03	0.06	0.01	0.03	0.00	0.03	0.00	0.02	-0.03	0.02	-0.02	0.01
5105	8920	0.0183	0.0200	12.10	<.0001	-1.10	-0.04	-0.15	-0.10	-0.03	0.06	0.01	0.03	0.00	0.03	0.00	0.02	-0.03	0.02	-0.02	0.01
5117	82259	0.0154	0.0155	86.58	<.0001	-0.75	0.06	-0.09	-0.07	-0.01	-0.01	-0.02	-0.03	-0.02	0.00	0.02	0.01	-0.01	0.01	0.02	0.00
5121	145348	0.0104	0.0105	103.09	<.0001	-1.12	0.10	-0.08	-0.05	-0.02	0.00	0.02	0.01	0.01	0.01	0.03	0.03	0.00	0.03	0.02	0.04
5139	314	0.0612	0.1062	2.36	0.0032	-0.84	-0.02	-0.09	-0.14	-0.04	-0.05	-0.01	-0.01	-0.06	-0.03	0.20	0.08	0.33	0.24	0.06	-0.03
5165	24003	0.1230	0.1236	225.46	<.0001	-1.21	-0.05	-0.05	-0.12	0.01	0.24	0.14	0.11	0.21	0.27	0.19	0.28	0.21	0.16	0.09	-0.34
5171	142	0.3290	0.4004	5.61	<.0001	-1.05	-0.34	-0.23	-0.32	-0.02	0.01	0.03	0.24	-0.35	0.07	0.03	-0.04	-0.79	-0.12	-0.11	-0.03
5179	2458	0.0272	0.0331	5.58	<.0001	-1.27	-0.17	-0.12	-0.09	0.00	-0.10	-0.08	-0.09	-0.11	-0.05	-0.10	-0.10	-0.03	-0.04	0.02	0.03
5181	10221	0.0389	0.0403	28.59	<.0001	-0.76	-0.25	-0.19	-0.34	-0.01	0.03	-0.02	-0.07	0.09	0.09	0.03	0.05	0.01	-0.05	-0.06	-0.03
5183	2716	0.0239	0.0293	5.43	<.0001	-1.36	0.00	-0.02	0.02	0.02	0.00	-0.06	-0.08	-0.07	0.00	-0.21	-0.15	-0.05	-0.07	-0.17	-0.01
5185	10221	0.0389	0.0403	28.59	<.0001	-0.76	-0.25	-0.19	-0.34	-0.01	0.03	-0.02	-0.07	0.09	0.09	0.03	0.05	0.01	-0.05	-0.06	-0.03
5187	2716	0.0239	0.0293	5.43	<.0001	-1.36	0.00	-0.02	0.02	0.02	0.00	-0.06	-0.08	-0.07	0.00	-0.21	-0.15	-0.05	-0.07	-0.17	-0.01
5193	391	0.0309	0.0681	1.83	0.0294	-1.34	-0.21	-0.09	0.00	-0.12	-0.03	-0.15	-0.06	-0.18	-0.13	-0.32	-0.17	-0.04	-0.11	-0.22	-0.07
5195	2458	0.0272	0.0331	5.58	<.0001	-1.27	-0.17	-0.12	-0.09	0.00	-0.10	-0.08	-0.09	-0.11	-0.05	-0.10	-0.10	-0.03	-0.04	0.02	0.03
5227	2458	0.0272	0.0331	5.58	<.0001	-1.27	-0.17	-0.12	-0.09	0.00	-0.10	-0.08	-0.09	-0.11	-0.05	-0.10	-0.10	-0.03	-0.04	0.02	0.03
5292	687	0.1788	0.1967	10.96	<.0001	-1.17	0.14	-0.07	-0.13	0.04	0.09	0.10	0.02	0.22	0.10	0.08	0.09	0.17	0.05	0.06	-0.11
5296	219	0.1853	0.2413	4.30	<.0001	-0.72	0.24	0.16	0.14	0.00	-0.02	0.09	0.11	0.12	0.01	0.11	-0.08	0.18	-0.07	0.13	-0.01
5305	4500	0.0242	0.0274	8.44	<.0001	-1.30	-0.10	-0.07	-0.09	0.14	-0.02	0.00	-0.05	0.01	-0.04	-0.06	-0.04	-0.04	-0.06	0.00	0.05
5307	1186	0.1705	0.1810	17.24	<.0001	-1.02	-0.10	-0.07	0.15	0.07	-0.14	0.10	0.06	0.04	-0.12	0.10	0.01	0.04	-0.25	0.00	0.13
5309	1186	0.1705	0.1810	17.24	<.0001	-1.02	-0.10	-0.07	0.15	0.07	-0.14	0.10	0.06	0.04	-0.12	0.10	0.01	0.04	-0.25	0.00	0.13
5311	9521	0.0177	0.0193	12.45	<.0001	-0.49	0.12	0.08	-0.01	0.02	0.14	0.09	0.06	0.11	0.15	0.25	0.17	0.11	0.08	0.05	0.06
6001	375	0.1322	0.1670	4.80	<.0001	-1.23	-0.02	0.02	-0.02	0.04	0.13	0.03	0.11	0.13	0.00	0.11	0.11	0.14	0.15	0.16	0.03
6002	117546	0.0262	0.0263	211.45	<.0001	-1.39	-0.05	-0.14	-0.10	-0.02	-0.05	0.00	0.02	0.04	0.05	0.06	0.04	0.03	-0.01	0.00	-0.01
6004	2253	0.0950	0.1011	16.77	<.0001	-1.28	0.04	-0.19	-0.14	-0.04	-0.02	0.04	0.00	-0.02	-0.02	-0.05	0.01	-0.03	-0.02	-0.02	0.02
6008	4492	0.0634	0.0665	21.25	<.0001	-1.75	-0.09	-0.07	-0.09	-0.01	-0.01	0.05	0.05	0.02	0.12	0.09	0.12	0.16	0.12	0.09	-0.10
6009	232	0.0976	0.1562	2.67	0.0010	-1.21	-0.14	-0.07	-0.01	0.07	-0.07	-0.11	-0.05	-0.06	-0.08	-0.06	-0.06	-0.06	-0.01	-0.08	-0.04
6010	4530	0.0788	0.0819	26.83	<.0001	-1.25	-0.13	-0.14	-0.22	-0.01	0.06	0.01	0.00	0.05	0.07	0.03	0.03	0.03	0.04	0.07	-0.02
6011	237827	0.0181	0.0182	293.48	<.0001	-1.35	-0.05	-0.12	-0.10	0.00	-0.01	0.01	0.02	0.03	0.06	0.06	0.03	0.04	0.02	0.03	-0.05
6012	18017	0.0463	0.0471	59.36	<.0001	-1.70	-0.03	-0.12	-0.05	-0.04	-0.05	0.02	0.03	0.07	0.09	0.10	0.08	0.05	0.01	-0.01	0.02
6013	793	0.0188	0.0373	2.01	0.0126	-1.19	0.02	-0.07	-0.03	0.00	-0.03	-0.03	0.02	0.10	-0.04	-0.04	0.04	-0.02	0.05	0.01	-0.02
6015	163	0.2391	0.3096	4.39	<.0001	-1.52	-0.04	0.02	-0.05	-0.06	0.17	0.04	0.23	0.16	0.16	0.18	0.21	0.05	0.10	-0.12	0.13
6016	14669	0.0571	0.0581	60.23	<.0001	-1.31	-0.10	-0.19	-0.17	-0.02	0.02	0.04	0.00	0.01	0.04	0.05	0.01	0.02	0.03	0.02	-0.03
6017	117546	0.0262	0.0263	211.45	<.0001	-1.39	-0.05	-0.14	-0.10	-0.02	-0.05	0.00	0.02	0.04	0.05	0.06	0.04	0.03	-0.01	0.00	-0.01
6018	118084	0.0210	0.0212	170.24	<.0001	-1.32	-0.07	-0.06	-0.09	0.01	0.03	0.02	0.04	0.03	0.09	0.08	0.05	0.09	0.06	0.05	-0.10
6019	18017	0.0463	0.0471	59.36	<.0001	-1.70	-0.03	-0.12	-0.05	-0.04	-0.05	0.02	0.03	0.07	0.09	0.10	0.08	0.05	0.01	-0.01	0.02
6022	1709	0.0320	0.0405	4.77	<.0001	-1.10	0.04	0.10	0.03	0.00	0.00	-0.01	0.02	0.00	0.13	0.03	0.11	0.01	-0.05	0.06	0.10
6023	2					0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6025	192	0.2186	0.2800	4.56	<.0001	-1.11	-0.08	-0.20	-0.18	-0.04	0.16	0.12	0.19	0.17	0.19	0.16	0.11	0.20	-0.01	0.10	0.24
6026	117546	0.0262	0.0263	211.45	<.0001	-1.39	-0.05	-0.14	-0.10	-0.02	-0.05	0.00	0.02	0.04	0.05	0.06	0.04	0.03	-0.01	0.00	-0.01
6027	809	0.0619	0.0793	4.55	<.0001	-1.09	-0.12	-0.12	-0.14	-0.01	-0.15	-0.12	-0.09	-0.03	0.12	0.05	0.05	0.06	0.01	-0.12	0.06
6030	8					0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6036	1					0.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6039	118084	0.0210	0.0212	170.24	<.0001	-1.32	-0.07	-0.06	-0.09	0.01	0.03	0.02	0.04	0.03	0.09	0.08	0.05	0.09	0.06	0.05	-0.10
6043	146	0.1024	0.1952	2.10	0.0134	-2.04	0.22	0.00	-0.03	-0.01	-0.01	-0.02	0.09	-0.06	-0.02	0.00	-0.07	0.06	0.00	0.08	-0.02
6044	146	0.1024	0.1952	2.10	0.0134	-2.04	0.22	0.00	-0.03	-0.01	-0.01	-0.02	0.09	-0.06	-0.02	0.00	-0.07	0.06	0.00	0.08	-0.02
6045	152	0.2990	0.3687	5.29	<.0001	-0.79	-0.02	-0.33	-0.27	0.00	0.14	-0.03	-0.04	-0.06	-0.04	-0.08	-0.10	-0.06	0.02	-0.05	-0.02
6046	152	0.2990	0.3687	5.29	<.0001	-0.79	-0.02	-0.33	-0.27	0.00	0.14	-0.03	-0.04	-0.06	-0.04	-0.08	-0.10	-0.06	0.02	-0.05	-0.02
6049	4530	0.0788	0.0819	26.83	<.0001	-1.25	-0.13	-0.14	-0.22	-0.01	0.06	0.01	0.00	0.05	0.07	0.03	0.03	0.03	0.04	0.07	-0.02
6050	1573	0.1293	0.1376	16.56	<.0001	-1.05	-0.19	-0.03	-0.10	0.00	-0.14	-0.04	-0.03	0.01	0.10	0.11	0.10	0.08	-0.02	-0.07	0.02
6052	117546	0.0262	0.0263	211.45	<.0001	-1.39	-0.05	-0.14	-0.10	-0.02	-0.05	0.00	0.02	0.04	0.05	0.06	0.04	0.03	-0.01	0.00	-0.01
6053	4530	0.0788	0.0819	26.83	<.0001	-1.25	-0.13	-0.14	-0.22	-0.01	0.06	0.01	0.00	0.05	0.07	0.03	0.03	0.03	0.04	0.07	-0.02
6055	117546	0.0262	0.0263	211.45	<.0001	-1.39	-0.05	-0.14	-0.10	-0.02	-0.05	0.00	0.02	0.04	0.05	0.06	0.04	0.03	-0.01	0.00	-0.01

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
6063	117546	0.0262	0.0263	211.45	<.0001	-1.39	-0.05	-0.14	-0.10	-0.02	-0.05	0.00	0.02	0.04	0.05	0.06	0.04	0.03	-0.01	0.00	-0.01
6065	129	0.0462	0.1580	1.41	0.1530	-1.23	-0.01	-0.06	-0.05	0.04	0.01	-0.03	0.00	-0.03	0.02	0.05	-0.03	-0.05	0.01	0.00	-0.02
6066	2934	0.0306	0.0356	7.18	<.0001	-1.24	0.01	-0.03	-0.08	-0.01	0.02	0.05	0.01	0.06	0.07	0.04	0.05	0.00	0.03	0.00	0.03
6067	118084	0.0210	0.0212	170.24	<.0001	-1.32	-0.07	-0.06	-0.09	0.01	0.03	0.02	0.04	0.03	0.09	0.08	0.05	0.09	0.06	0.05	-0.10
6068	2934	0.0306	0.0356	7.18	<.0001	-1.24	0.01	-0.03	-0.08	-0.01	0.02	0.05	0.01	0.06	0.07	0.04	0.05	0.00	0.03	0.00	0.03
6070	132	0.4916	0.5498	9.45	<.0001	-1.17	-0.44	-0.19	-0.37	-0.02	0.04	0.22	-0.06	0.06	0.27	0.02	0.00	0.13	-0.06	-0.07	-0.03
6071	2934	0.0306	0.0356	7.18	<.0001	-1.24	0.01	-0.03	-0.08	-0.01	0.02	0.05	0.01	0.06	0.07	0.04	0.05	0.00	0.03	0.00	0.03
6072	117546	0.0262	0.0263	211.45	<.0001	-1.39	-0.05	-0.14	-0.10	-0.02	-0.05	0.00	0.02	0.04	0.05	0.06	0.04	0.03	-0.01	0.00	-0.01
6073	750	0.1500	0.1670	9.81	<.0001	-1.23	-0.02	0.02	-0.02	0.04	0.13	0.03	0.11	0.13	0.00	0.11	0.11	0.14	0.15	0.16	0.03
6075	490	0.0223	0.0523	1.75	0.0399	0.49	-0.11	-0.10	-0.01	-0.04	0.24	0.05	0.04	-0.12	0.01	0.17	0.08	0.28	0.08	-0.06	-0.02
6076	1875	0.0632	0.0707	9.43	<.0001	0.60	-0.09	-0.11	-0.29	-0.04	-0.01	0.09	0.05	0.10	0.04	0.08	-0.03	0.05	0.04	-0.08	-0.01
6077	142	0.2771	0.3540	4.60	<.0001	-0.77	0.13	0.07	0.10	-0.05	0.15	0.03	0.10	0.05	-0.11	0.18	0.16	0.21	-0.02	-0.05	0.25
6080	4087	0.0207	0.0243	6.77	<.0001	0.37	0.00	0.12	-0.02	-0.09	0.11	0.04	0.07	-0.04	0.02	0.06	0.08	0.06	-0.05	0.02	0.07
6085	142	0.2771	0.3540	4.60	<.0001	-0.77	0.13	0.07	0.10	-0.05	0.15	0.03	0.10	0.05	-0.11	0.18	0.16	0.21	-0.02	-0.05	0.25
6090	142	0.2771	0.3540	4.60	<.0001	-0.77	0.13	0.07	0.10	-0.05	0.15	0.03	0.10	0.05	-0.11	0.18	0.16	0.21	-0.02	-0.05	0.25
6093	142	0.2771	0.3540	4.60	<.0001	-0.77	0.13	0.07	0.10	-0.05	0.15	0.03	0.10	0.05	-0.11	0.18	0.16	0.21	-0.02	-0.05	0.25
6094	7614	0.0675	0.0694	37.76	<.0001	0.76	-0.28	-0.37	-0.27	0.03	-0.03	-0.04	-0.11	-0.11	-0.07	-0.06	-0.11	-0.01	-0.04	-0.07	-0.01
6095	142	0.2771	0.3540	4.60	<.0001	-0.77	0.13	0.07	0.10	-0.05	0.15	0.03	0.10	0.05	-0.11	0.18	0.16	0.21	-0.02	-0.05	0.25
6096	142	0.2771	0.3540	4.60	<.0001	-0.77	0.13	0.07	0.10	-0.05	0.15	0.03	0.10	0.05	-0.11	0.18	0.16	0.21	-0.02	-0.05	0.25
6098	142	0.2771	0.3540	4.60	<.0001	-0.77	0.13	0.07	0.10	-0.05	0.15	0.03	0.10	0.05	-0.11	0.18	0.16	0.21	-0.02	-0.05	0.25
6099	142	0.2771	0.3540	4.60	<.0001	-0.77	0.13	0.07	0.10	-0.05	0.15	0.03	0.10	0.05	-0.11	0.18	0.16	0.21	-0.02	-0.05	0.25
6100	142	0.2771	0.3540	4.60	<.0001	-0.77	0.13	0.07	0.10	-0.05	0.15	0.03	0.10	0.05	-0.11	0.18	0.16	0.21	-0.02	-0.05	0.25
6101	2					3.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6103	185	0.0922	0.1662	2.25	0.0067	0.83	-0.03	0.22	-0.10	-0.11	0.04	-0.14	-0.21	0.11	-0.05	0.09	0.18	-0.35	-0.07	-0.63	-0.37
6112	1880	0.0332	0.0409	5.30	<.0001	-0.87	0.07	-0.02	-0.05	0.08	-0.07	-0.07	-0.08	-0.01	-0.06	-0.09	-0.02	-0.02	-0.09	-0.03	-0.03
6116	3923	0.0451	0.0488	13.36	<.0001	-1.14	-0.08	-0.11	-0.16	0.00	0.15	0.09	0.07	0.11	0.10	0.11	0.09	0.17	0.11	0.09	-0.03
6119	1988	0.0930	0.0998	14.58	<.0001	-1.19	-0.17	-0.17	-0.19	0.03	0.03	0.01	0.12	0.18	0.20	0.20	0.23	0.19	0.07	0.02	-0.04
6122	642	0.0569	0.0789	3.58	<.0001	1.08	-0.22	0.03	-0.12	-0.12	0.27	0.08	0.20	-0.06	0.03	-0.01	0.06	-0.14	-0.11	-0.03	-0.05
6124	973	0.0335	0.0484	3.25	<.0001	1.24	-0.01	0.00	-0.12	0.05	0.03	0.02	-0.01	0.06	0.20	0.17	0.14	0.12	0.18	-0.01	-0.03
6125	3574	0.0405	0.0445	11.06	<.0001	-1.08	-0.05	-0.05	-0.07	-0.03	0.05	-0.04	0.06	0.04	0.15	0.22	-0.01	0.21	0.06	-0.01	-0.08
6128	1489	0.0440	0.0536	5.56	<.0001	0.04	-0.14	-0.09	0.21	0.00	-0.03	-0.02	0.06	0.06	-0.03	-0.05	-0.06	0.02	-0.04	-0.08	-0.05
6149	146	0.1024	0.1952	2.10	0.0134	-2.04	0.22	0.00	-0.03	-0.01	-0.01	-0.02	0.09	-0.06	-0.02	0.00	-0.07	0.06	0.00	0.08	-0.02
6150	23060	0.0734	0.0740	122.82	<.0001	-1.32	-0.08	-0.11	-0.21	0.01	-0.02	0.01	-0.05	-0.15	-0.26	-0.20	-0.21	-0.16	-0.13	-0.02	0.01
6159	18049	0.0200	0.0208	25.52	<.0001	-1.73	-0.05	-0.06	-0.02	-0.01	-0.06	-0.04	-0.01	0.02	0.05	0.06	0.00	0.05	-0.03	0.01	0.00
6164	30105	0.0092	0.0097	19.65	<.0001	-0.89	0.00	-0.09	-0.04	-0.02	0.00	-0.01	0.00	-0.01	-0.01	0.02	-0.01	-0.03	0.01	-0.01	0.00
6175	256	0.1755	0.2240	4.62	<.0001	-0.94	-0.02	0.19	-0.08	0.19	0.28	0.58	0.45	0.48	0.79	0.44	0.46	0.31	0.53	0.09	0.33
6177	118084	0.0210	0.0212	170.24	<.0001	-1.32	-0.07	-0.06	-0.09	0.01	0.03	0.02	0.04	0.03	0.09	0.08	0.05	0.09	0.06	0.05	-0.10
6179	71					0.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6182	146	0.1024	0.1952	2.10	0.0134	-2.04	0.22	0.00	-0.03	-0.01	-0.01	-0.02	0.09	-0.06	-0.02	0.00	-0.07	0.06	0.00	0.08	-0.02
6183	117546	0.0262	0.0263	211.45	<.0001	-1.39	-0.05	-0.14	-0.10	-0.02	-0.05	0.00	0.02	0.04	0.05	0.06	0.04	0.03	-0.01	0.00	-0.01
6189	11573	0.0027	0.0040	3.08	<.0001	-0.79	0.01	0.00	0.00	0.01	-0.06	-0.05	-0.06	-0.03	0.02	-0.03	-0.02	-0.04	-0.01	-0.04	-0.05
6190	118084	0.0210	0.0212	170.24	<.0001	-1.32	-0.07	-0.06	-0.09	0.01	0.03	0.02	0.04	0.03	0.09	0.08	0.05	0.09	0.06	0.05	-0.10
6191	379	0.1609	0.1942	5.83	<.0001	-1.13	-0.12	-0.13	-0.13	0.07	0.02	-0.20	-0.06	-0.02	0.06	-0.19	-0.13	0.00	-0.12	0.08	-0.11
6192	118084	0.0210	0.0212	170.24	<.0001	-1.32	-0.07	-0.06	-0.09	0.01	0.03	0.02	0.04	0.03	0.09	0.08	0.05	0.09	0.06	0.05	-0.10
6193	118084	0.0210	0.0212	170.24	<.0001	-1.32	-0.07	-0.06	-0.09	0.01	0.03	0.02	0.04	0.03	0.09	0.08	0.05	0.09	0.06	0.05	-0.10
6194	118084	0.0210	0.0212	170.24	<.0001	-1.32	-0.07	-0.06	-0.09	0.01	0.03	0.02	0.04	0.03	0.09	0.08	0.05	0.09	0.06	0.05	-0.10
6197	379	0.1609	0.1942	5.83	<.0001	-1.13	-0.12	-0.13	-0.13	0.07	0.02	-0.20	-0.06	-0.02	0.06	-0.19	-0.13	0.00	-0.12	0.08	-0.11
6208	118084	0.0210	0.0212	170.24	<.0001	-1.32	-0.07	-0.06	-0.09	0.01	0.03	0.02	0.04	0.03	0.09	0.08	0.05	0.09	0.06	0.05	-0.10
6583	174	0.2036	0.2726	3.95	<.0001	-1.90	0.21	0.03	0.24	0.05	-0.17	-0.16	-0.13	-0.17	-0.06	-0.07	-0.35	-0.20	-0.16	-0.04	-0.08
6584	2					3.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6931	77448	0.0226	0.0228	120.38	<.0001	-1.53	-0.12	-0.18	-0.16	0.01	-0.07	-0.05	-0.09	-0.06	-0.06	-0.05	-0.07	-0.05	-0.03	-0.04	-0.01
6955	14669	0.0571	0.0581	60.23	<.0001	-1.31	-0.10	-0.19	-0.17	-0.02	0.02	0.04	0.00	0.01	0.04	0.05	0.01	0.02	0.03	0.02	-0.03
6956	18049	0.0200	0.0208	25.52	<.0001	-1.73	-0.05	-0.06	-0.02	-0.01	-0.06	-0.04	-0.01	0.02	0.05	0.06	0.00	0.05	-0.03	0.01	0.00
6957	6157	0.0364	0.0388	16.51	<.0001	0.73	-0.08	-0.25	-0.17	0.04	0.03	-0.01	0.06	0.10	0.00	0.08	0.01	0.04	0.06	0.04	0.01

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
6958	55					0.90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6959	1836	0.0257	0.0337	4.23	<.0001	0.97	0.03	0.00	-0.19	0.00	-0.11	-0.18	-0.01	-0.05	-0.08	-0.13	0.08	0.04	0.15	0.06	-0.01
6961	59					0.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6962	59					0.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6963	4492	0.0634	0.0665	21.25	<.0001	-1.75	-0.09	-0.07	-0.09	-0.01	-0.01	0.05	0.05	0.02	0.12	0.09	0.12	0.16	0.12	0.09	-0.10
6964	1325	0.4143	0.4209	63.43	<.0001	-1.36	-0.01	-0.16	-0.15	0.31	-0.13	-0.08	-0.14	0.03	-0.20	-0.02	-0.05	-0.08	-0.01	0.21	0.13
6966	472204	0.0179	0.0180	575.64	<.0001	-1.36	-0.05	-0.12	-0.10	0.00	-0.01	0.01	0.02	0.03	0.06	0.06	0.03	0.04	0.02	0.03	-0.05
6968	118084	0.0210	0.0212	170.24	<.0001	-1.32	-0.07	-0.06	-0.09	0.01	0.03	0.02	0.04	0.03	0.09	0.08	0.05	0.09	0.06	0.05	-0.10
6969	186	0.3116	0.3674	6.58	<.0001	-0.47	0.49	0.31	0.26	0.21	-0.26	-0.23	-0.29	-0.19	-0.42	-0.31	-0.46	0.20	0.03	-0.16	-0.26
6970	793	0.0188	0.0373	2.01	0.0126	-1.19	0.02	-0.07	-0.03	0.00	-0.03	-0.03	0.02	0.10	-0.04	-0.04	0.04	-0.02	0.05	0.01	-0.02
6971	4429	0.1067	0.1098	36.27	<.0001	-0.73	-0.05	-0.16	-0.29	0.03	-0.03	0.00	-0.02	-0.14	0.08	-0.07	-0.01	0.03	-0.05	-0.01	0.10
6972	1447	0.1535	0.1622	18.48	<.0001	-0.60	-0.22	-0.25	-0.24	0.04	-0.15	0.04	0.00	-0.03	-0.08	-0.09	-0.02	-0.03	0.12	0.00	-0.07
6973	1447	0.1535	0.1622	18.48	<.0001	-0.60	-0.22	-0.25	-0.24	0.04	-0.15	0.04	0.00	-0.03	-0.08	-0.09	-0.02	-0.03	0.12	0.00	-0.07
6974	192	0.2186	0.2800	4.56	<.0001	-1.11	-0.08	-0.20	-0.18	-0.04	0.16	0.12	0.19	0.17	0.19	0.16	0.11	0.20	-0.01	0.10	0.24
6975	23060	0.0734	0.0740	122.82	<.0001	-1.32	-0.08	-0.11	-0.21	0.01	-0.02	0.01	-0.05	-0.15	-0.26	-0.20	-0.21	-0.16	-0.13	-0.02	0.01
6976	849	0.1037	0.1196	7.54	<.0001	-1.75	-0.01	0.06	0.06	0.00	-0.03	0.05	-0.02	0.15	0.07	-0.08	0.12	0.00	0.03	-0.15	0.15
6977	30720	0.0200	0.0204	42.69	<.0001	-2.00	-0.08	-0.06	-0.13	-0.02	-0.04	-0.02	-0.02	0.00	-0.03	0.00	-0.01	-0.01	-0.01	-0.02	0.01
6978	118084	0.0210	0.0212	170.24	<.0001	-1.32	-0.07	-0.06	-0.09	0.01	0.03	0.02	0.04	0.03	0.09	0.08	0.05	0.09	0.06	0.05	-0.10
6980	118084	0.0210	0.0212	170.24	<.0001	-1.32	-0.07	-0.06	-0.09	0.01	0.03	0.02	0.04	0.03	0.09	0.08	0.05	0.09	0.06	0.05	-0.10
6981	142	0.2771	0.3540	4.60	<.0001	-0.77	0.13	0.07	0.10	-0.05	0.15	0.03	0.10	0.05	-0.11	0.18	0.16	0.21	-0.02	-0.05	0.25
7002	15510	0.0251	0.0260	27.57	<.0001	-0.07	-0.02	-0.21	-0.18	0.02	-0.11	-0.02	-0.06	-0.03	-0.08	-0.06	-0.02	-0.09	-0.07	-0.06	-0.10
7005	4					0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7006	2909	0.0927	0.0974	20.81	<.0001	-0.71	0.16	-0.03	-0.03	0.03	0.00	0.01	0.04	-0.05	-0.04	0.02	-0.19	0.00	0.05	-0.08	0.06
7007	7620	0.0262	0.0281	14.67	<.0001	-0.15	-0.24	-0.29	-0.26	0.07	-0.06	-0.08	-0.04	0.01	-0.02	0.01	0.01	0.03	-0.03	-0.04	0.00
7008	6908	0.0151	0.0172	8.05	<.0001	-0.28	-0.13	-0.21	-0.12	-0.03	0.01	-0.04	-0.03	-0.02	-0.01	-0.05	-0.08	0.04	-0.06	-0.04	-0.05
7010	6908	0.0151	0.0172	8.05	<.0001	-0.28	-0.13	-0.21	-0.12	-0.03	0.01	-0.04	-0.03	-0.02	-0.01	-0.05	-0.08	0.04	-0.06	-0.04	-0.05
7011	8792	0.0095	0.0111	6.59	<.0001	-0.01	-0.05	-0.12	-0.06	0.04	-0.04	-0.04	-0.03	0.04	0.04	0.04	0.05	-0.02	-0.01	0.02	0.03
7013	59395	0.0178	0.0181	72.77	<.0001	-0.57	-0.02	-0.06	-0.14	0.01	-0.06	-0.03	-0.02	-0.03	-0.03	-0.02	-0.05	-0.01	0.00	-0.08	0.02
7014	3220	0.0377	0.0422	9.41	<.0001	-0.22	-0.17	-0.21	-0.06	0.09	-0.09	-0.08	-0.18	0.01	-0.04	-0.02	-0.12	-0.03	-0.03	-0.03	0.01
7016	3043	0.2121	0.2160	55.59	<.0001	-0.63	0.31	0.13	-0.25	0.08	-0.13	-0.15	-0.33	-0.16	-0.20	-0.10	-0.10	-0.15	-0.01	-0.05	-0.05
7017	308	0.2130	0.2515	6.54	<.0001	-0.10	-0.17	-0.18	0.00	0.15	0.00	0.00	0.09	-0.08	-0.13	0.03	0.31	0.02	0.20	0.28	0.11
7019	1692	0.4304	0.4354	86.17	<.0001	-1.04	0.95	0.66	0.53	0.00	-0.05	-0.06	-0.03	-0.13	-0.06	-0.14	-0.12	-0.06	-0.13	0.02	-0.10
7021	80	0.1539	0.3146	1.96	0.0331	-1.43	0.45	0.27	0.07	0.01	0.13	0.22	0.14	0.09	-0.04	0.04	0.21	-0.16	0.00	0.01	0.10
7022	75546	0.0167	0.0169	86.57	<.0001	-0.98	0.18	0.00	0.01	-0.01	0.00	-0.03	-0.03	-0.01	-0.03	-0.03	-0.04	-0.01	-0.01	0.01	0.01
7023	76373	0.0163	0.0164	85.11	<.0001	-0.98	0.18	-0.01	0.01	-0.01	0.00	-0.03	-0.03	-0.01	-0.03	-0.03	-0.04	-0.01	-0.02	0.01	0.01
7024	75546	0.0167	0.0169	86.57	<.0001	-0.98	0.18	0.00	0.01	-0.01	0.00	-0.03	-0.03	-0.01	-0.03	-0.03	-0.04	-0.01	-0.01	0.01	0.01
7025	75546	0.0167	0.0169	86.57	<.0001	-0.98	0.18	0.00	0.01	-0.01	0.00	-0.03	-0.03	-0.01	-0.03	-0.03	-0.04	-0.01	-0.01	0.01	0.01
7026	1321	0.1387	0.1485	15.17	<.0001	0.22	-0.06	-0.14	-0.21	0.04	-0.12	-0.08	0.06	-0.03	0.04	0.04	0.04	-0.06	0.00	0.09	0.03
7027	12620	0.0173	0.0185	15.81	<.0001	0.02	-0.11	-0.20	-0.19	0.00	-0.03	-0.07	-0.04	-0.08	-0.07	-0.03	-0.08	-0.04	-0.03	0.00	-0.05
7028	1118	0.0775	0.0899	7.25	<.0001	-0.37	-0.07	0.06	0.01	-0.04	0.30	0.38	0.28	0.22	0.09	0.33	0.25	0.27	0.33	0.33	0.11
7029	10773	0.0216	0.0229	16.84	<.0001	0.13	-0.21	-0.26	-0.16	-0.01	-0.04	-0.08	-0.04	-0.09	-0.10	-0.06	-0.09	-0.05	-0.05	-0.04	-0.06
7030	13941	0.0227	0.0237	22.57	<.0001	0.07	-0.14	-0.24	-0.21	0.00	-0.04	-0.07	-0.03	-0.08	-0.07	-0.02	-0.06	-0.04	-0.02	0.02	-0.04
7031	280	0.2920	0.3301	8.67	<.0001	-0.32	-0.34	0.09	-0.10	0.19	-0.07	-0.11	-0.28	-0.29	-0.20	-0.07	-0.03	-0.03	-0.18	-0.01	-0.12
7032	1584	0.0326	0.0418	4.56	<.0001	-0.49	0.12	0.14	0.10	-0.05	0.02	-0.07	-0.02	-0.03	-0.13	-0.01	-0.03	0.02	-0.01	-0.09	-0.04
7034	96	0.9361	0.9462	93.72	<.0001	0.38	-0.73	-1.13	-1.18	0.04	-0.05	0.07	0.22	0.08	-0.04	0.19	0.06	0.02	0.00	0.05	0.00
7035	6908	0.0151	0.0172	8.05	<.0001	-0.28	-0.13	-0.21	-0.12	-0.03	0.01	-0.04	-0.03	-0.02	-0.01	-0.05	-0.08	0.04	-0.06	-0.04	-0.05
7037	2909	0.0927	0.0974	20.81	<.0001	-0.71	0.16	-0.03	-0.03	0.03	0.00	0.01	0.04	-0.05	-0.04	0.02	-0.19	0.00	0.05	-0.08	0.06
7038	888	0.0740	0.0897	5.73	<.0001	-0.20	-0.09	-0.01	0.04	-0.02	-0.04	-0.06	-0.09	0.00	-0.10	0.10	0.04	0.13	-0.04	-0.22	-0.01
7039	6908	0.0151	0.0172	8.05	<.0001	-0.28	-0.13	-0.21	-0.12	-0.03	0.01	-0.04	-0.03	-0.02	-0.01	-0.05	-0.08	0.04	-0.06	-0.04	-0.05
7042	6908	0.0151	0.0172	8.05	<.0001	-0.28	-0.13	-0.21	-0.12	-0.03	0.01	-0.04	-0.03	-0.02	-0.01	-0.05	-0.08	0.04	-0.06	-0.04	-0.05
7043	56					1.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7045	227	0.1779	0.2288	4.49	<.0001	0.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7047	61					1.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7050	28					2.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
7052	2591	0.0216	0.0272	4.80	<.0001	0.07	-0.04	-0.09	-0.13	0.01	0.10	0.10	0.11	0.03	0.09	0.12	0.09	0.13	0.09	0.04	0.09
7056	80	0.1539	0.3146	1.96	0.0331	-1.43	0.45	0.27	0.07	0.01	0.13	0.22	0.14	0.09	-0.04	0.04	0.21	-0.16	0.00	0.01	0.10
7057	7350	0.0172	0.0192	9.55	<.0001	0.40	-0.14	-0.12	-0.12	-0.01	0.01	0.04	-0.03	0.03	-0.03	0.00	0.02	-0.02	0.01	0.03	0.01
7063	9167	0.0052	0.0068	4.20	<.0001	-0.67	0.04	0.01	0.00	0.03	-0.10	-0.08	-0.04	-0.08	-0.06	-0.06	-0.04	-0.05	-0.02	-0.01	-0.02
7066	18760	0.0093	0.0101	12.72	<.0001	-0.60	-0.01	-0.08	-0.08	-0.03	-0.01	0.02	0.03	0.02	0.00	0.03	0.00	-0.02	0.02	0.00	0.00
7067	19					0.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7072	15510	0.0251	0.0260	27.57	<.0001	-0.07	-0.02	-0.21	-0.18	0.02	-0.11	-0.02	-0.06	-0.03	-0.08	-0.06	-0.02	-0.09	-0.07	-0.06	-0.10
7073	1321	0.1387	0.1485	15.17	<.0001	0.22	-0.06	-0.14	-0.21	0.04	-0.12	-0.08	0.06	-0.03	0.04	0.04	0.04	-0.06	0.00	0.09	0.03
7074	9167	0.0052	0.0068	4.20	<.0001	-0.67	0.04	0.01	0.00	0.03	-0.10	-0.08	-0.04	-0.08	-0.06	-0.06	-0.04	-0.05	-0.02	-0.01	-0.02
7075	9167	0.0052	0.0068	4.20	<.0001	-0.67	0.04	0.01	0.00	0.03	-0.10	-0.08	-0.04	-0.08	-0.06	-0.06	-0.04	-0.05	-0.02	-0.01	-0.02
7076	9167	0.0052	0.0068	4.20	<.0001	-0.67	0.04	0.01	0.00	0.03	-0.10	-0.08	-0.04	-0.08	-0.06	-0.06	-0.04	-0.05	-0.02	-0.01	-0.02
7078	42924	0.0052	0.0055	15.90	<.0001	-0.64	0.06	-0.01	-0.03	-0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.01	-0.01	-0.01	0.00	0.01
7079	9131	0.0147	0.0163	10.09	<.0001	-0.09	0.03	-0.09	-0.01	0.04	-0.05	-0.06	-0.02	0.04	0.03	0.03	0.04	0.00	-0.02	-0.01	0.04
7080	3637	0.0192	0.0233	5.75	<.0001	-0.45	0.08	-0.07	0.04	0.01	0.00	0.01	0.02	0.05	0.06	0.08	-0.02	0.05	-0.02	-0.03	-0.01
7081	9131	0.0147	0.0163	10.09	<.0001	-0.09	0.03	-0.09	-0.01	0.04	-0.05	-0.06	-0.02	0.04	0.03	0.03	0.04	0.00	-0.02	-0.01	0.04
7082	9131	0.0147	0.0163	10.09	<.0001	-0.09	0.03	-0.09	-0.01	0.04	-0.05	-0.06	-0.02	0.04	0.03	0.03	0.04	0.00	-0.02	-0.01	0.04
7083	8940	0.0451	0.0467	29.17	<.0001	-0.97	0.07	-0.04	-0.09	0.00	-0.01	0.04	0.01	-0.04	-0.01	-0.01	0.02	-0.02	0.00	-0.04	-0.01
7900	467	0.0871	0.1164	3.96	<.0001	-0.33	0.08	-0.14	-0.09	0.00	-0.14	-0.19	-0.21	-0.07	0.02	-0.08	-0.13	-0.05	-0.15	0.05	-0.08
7905	1718	0.0605	0.0687	8.37	<.0001	-0.25	-0.14	0.03	-0.10	0.02	-0.09	-0.07	-0.07	0.04	-0.08	0.00	-0.04	-0.10	0.01	-0.05	0.00
7906	1261	0.0970	0.1078	10.03	<.0001	-0.75	0.40	0.33	0.37	0.04	0.15	0.00	0.01	0.03	0.11	0.07	0.16	0.14	0.02	0.03	0.08
7908	14					0.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7909	6908	0.0151	0.0172	8.05	<.0001	-0.28	-0.13	-0.21	-0.12	-0.03	0.01	-0.04	-0.03	-0.02	-0.01	-0.05	-0.08	0.04	-0.06	-0.04	-0.05
7927	3778	0.0734	0.0771	20.95	<.0001	-0.35	-0.25	-0.20	-0.18	-0.01	-0.20	-0.19	0.08	0.01	-0.02	-0.09	0.04	0.01	-0.01	-0.16	0.10
7951	2278	0.2201	0.2252	43.83	<.0001	-0.57	-0.46	-1.00	-0.41	0.01	-0.10	-0.07	-0.01	-0.05	0.00	0.01	-0.04	0.00	-0.02	-0.04	-0.09
7955	18760	0.0093	0.0101	12.72	<.0001	-0.60	-0.01	-0.08	-0.08	-0.03	-0.01	0.02	0.03	0.02	0.00	0.03	0.00	-0.02	0.02	0.00	0.00
8001	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
8002	50					0.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8003	4130	0.0345	0.0380	10.85	<.0001	-0.49	0.05	-0.05	-0.05	0.05	-0.14	-0.10	-0.11	-0.13	-0.08	-0.11	-0.12	-0.10	-0.11	-0.03	-0.07
8005	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
8010	2350	0.0560	0.0620	10.28	<.0001	-0.62	0.06	-0.11	-0.05	-0.03	-0.01	0.01	-0.06	-0.01	-0.01	0.04	0.05	-0.01	0.07	-0.05	0.01
8011	2316	0.0378	0.0441	7.07	<.0001	-0.56	0.00	-0.08	-0.06	0.00	-0.06	-0.01	-0.10	-0.11	-0.01	-0.11	-0.02	-0.16	-0.02	-0.05	-0.11
8012	1733	0.0141	0.0227	2.66	0.0005	-0.57	-0.06	-0.01	0.04	0.00	-0.08	-0.01	-0.05	-0.03	0.04	-0.08	-0.02	-0.08	-0.06	-0.05	-0.02
8013	30680	0.0141	0.0146	30.34	<.0001	-0.36	0.04	0.00	0.01	-0.04	-0.04	-0.05	-0.06	-0.04	-0.07	-0.03	-0.05	-0.09	-0.12	-0.08	-0.08
8014	1315	0.0318	0.0428	3.88	<.0001	-0.52	0.04	-0.04	0.01	-0.01	0.04	0.04	-0.05	0.01	-0.05	0.02	0.06	-0.10	-0.03	0.01	0.00
8015	3295	0.0248	0.0293	6.59	<.0001	-0.55	0.06	-0.04	-0.01	-0.04	-0.04	0.03	0.02	-0.02	0.03	-0.01	-0.01	-0.02	0.00	-0.01	0.01
8017	1297	0.0907	0.1012	9.62	<.0001	-0.15	0.03	-0.17	-0.05	-0.01	0.17	-0.06	0.02	0.06	0.07	-0.03	0.15	0.03	-0.03	-0.03	0.01
8018	193	0.3510	0.4017	7.92	<.0001	0.02	-0.12	-0.14	-0.33	0.06	0.00	0.00	-0.03	0.02	-0.03	-0.05	-0.05	0.01	0.03	-0.02	0.01
8019	1928	0.1695	0.1759	27.21	<.0001	-0.35	0.08	0.02	-0.01	-0.11	0.28	0.17	0.21	0.26	0.27	0.24	0.09	0.17	0.25	0.15	0.03
8020	5543	0.0232	0.0259	9.78	<.0001	-0.60	0.01	-0.10	-0.06	0.02	-0.07	-0.13	-0.14	-0.09	-0.16	-0.10	-0.08	-0.12	-0.10	-0.06	-0.06
8022	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
8023	916	0.1324	0.1467	10.31	<.0001	-0.22	0.12	0.01	0.00	-0.12	-0.02	-0.03	0.05	0.02	0.04	0.09	0.00	0.03	0.01	0.01	0.03
8025	9548	0.0115	0.0131	8.41	<.0001	-0.45	0.02	-0.05	-0.04	-0.01	0.00	-0.04	-0.05	-0.03	-0.01	-0.06	-0.07	-0.05	-0.04	-0.05	-0.07
8026	206	0.1330	0.1964	3.10	0.0002	-0.49	0.02	-0.01	-0.23	-0.10	-0.14	-0.03	0.15	-0.06	0.05	0.08	-0.32	0.21	-0.05	0.10	0.21
8028	667	0.0718	0.0928	4.44	<.0001	-0.35	0.09	-0.03	0.01	0.03	-0.06	-0.02	0.08	0.09	-0.05	-0.03	-0.02	-0.15	-0.06	-0.07	-0.02
8029	7320	0.0565	0.0584	30.21	<.0001	-0.64	-0.07	-0.21	-0.22	0.01	-0.07	-0.11	-0.01	-0.06	-0.05	-0.08	-0.06	-0.09	-0.08	-0.05	-0.06
8030	6178	0.0084	0.0108	4.49	<.0001	-0.52	0.02	-0.02	-0.01	0.01	-0.11	-0.08	-0.09	-0.07	-0.03	-0.08	-0.05	-0.05	-0.05	-0.09	-0.03
8031	9409	0.0131	0.0147	9.33	<.0001	-0.78	0.05	0.00	0.01	0.03	-0.02	-0.02	-0.07	-0.05	-0.04	-0.02	-0.04	-0.03	-0.06	0.01	-0.01
8032	196	0.2476	0.3055	5.28	<.0001	-0.33	0.08	0.06	0.10	-0.03	-0.09	0.01	-0.25	0.01	-0.14	0.08	-0.12	-0.04	-0.18	-0.06	-0.03
8034	281	0.1949	0.2381	5.52	<.0001	-1.18	0.40	0.48	0.56	-0.08	-0.05	0.00	0.06	-0.04	0.03	-0.07	-0.02	-0.06	0.01	-0.11	-0.01
8035	3054	0.0161	0.0210	4.34	<.0001	-0.31	0.01	-0.01	0.01	-0.03	-0.07	-0.12	-0.04	-0.05	-0.05	-0.06	-0.02	-0.08	-0.12	-0.07	-0.01
8037	315192	0.0090	0.0091	192.85	<.0001	-0.55	0.04	-0.06	-0.05	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.01	-0.02	-0.02	-0.01	-0.01
8038	45					2.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8039	46					2.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8045	9409	0.0277	0.0292	18.84	<.0001	-0.48	0.04	-0.01	0.05	-0.03	0.00	0.03	-0.05	0.03	-0.06	0.00	0.01	-0.05	-0.11	-0.06	-0.04

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
8046	8421	0.0159	0.0176	10.07	<.0001	-0.65	0.02	-0.05	-0.03	0.01	-0.04	0.03	0.00	0.02	0.06	-0.01	0.05	-0.05	0.05	0.01	-0.02
8047	128	0.3314	0.4104	5.20	<.0001	-0.33	0.08	0.03	-0.21	0.08	-0.05	-0.07	-0.05	-0.09	-0.16	0.05	0.08	0.02	-0.23	0.04	0.02
8048	2844	0.0362	0.0413	8.13	<.0001	-0.12	0.01	-0.01	0.00	0.07	-0.05	-0.01	0.05	0.00	-0.07	-0.03	-0.05	-0.06	-0.11	-0.04	0.07
8049	3387	0.0216	0.0260	5.99	<.0001	-0.58	0.06	0.00	0.00	-0.03	-0.04	-0.01	-0.03	-0.04	0.02	-0.01	-0.01	-0.07	-0.06	-0.01	0.05
8050	5681	0.0255	0.0280	10.89	<.0001	-0.44	0.02	-0.07	0.00	-0.02	0.05	0.04	0.02	0.00	0.02	0.02	-0.02	0.01	-0.06	-0.02	0.05
8053	6161	0.0695	0.0718	31.69	<.0001	-0.42	-0.15	-0.27	-0.31	0.01	0.05	0.00	0.00	0.03	-0.02	-0.03	0.00	-0.02	-0.02	0.02	-0.05
8054	1032	0.0703	0.0838	6.20	<.0001	-0.91	0.13	0.13	0.11	-0.05	0.06	0.00	0.02	0.04	0.06	0.04	-0.04	0.00	-0.07	0.02	0.00
8057	58					0.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8058	615	0.1523	0.1730	8.35	<.0001	0.08	0.03	-0.05	-0.13	-0.03	-0.03	-0.03	0.00	-0.02	0.03	-0.07	0.02	-0.08	0.00	-0.15	-0.02
8059	208	0.2603	0.3139	5.86	<.0001	-1.12	0.32	0.25	0.17	0.08	0.00	-0.02	-0.05	-0.15	-0.10	0.01	-0.09	-0.04	-0.05	-0.17	-0.20
8060	8118	0.0139	0.0157	8.61	<.0001	-0.88	0.04	-0.02	-0.03	0.03	-0.04	0.01	-0.04	-0.05	0.00	-0.06	-0.02	-0.04	0.00	-0.06	-0.02
8061	20794	0.0127	0.0134	18.77	<.0001	-0.85	0.04	-0.06	-0.03	0.01	-0.03	0.00	-0.03	-0.03	-0.01	-0.03	-0.02	-0.03	-0.01	-0.04	-0.01
8064	2516	0.1786	0.1835	37.45	<.0001	-0.37	0.11	0.09	-0.01	-0.12	0.22	0.12	0.17	0.27	0.23	0.22	0.10	0.18	0.19	0.17	0.01
8065	6660	0.0168	0.0190	8.59	<.0001	-0.40	0.06	-0.03	-0.02	-0.01	0.01	-0.05	-0.05	-0.04	-0.02	-0.05	-0.08	-0.09	-0.07	-0.06	-0.09
8066	269	0.1488	0.1965	4.12	<.0001	0.31	-0.17	-0.14	-0.16	0.01	-0.01	0.03	0.03	0.00	0.03	0.05	-0.03	0.02	-0.03	0.03	-0.01
8067	3727	0.0255	0.0294	7.51	<.0001	-0.13	-0.05	-0.09	0.01	0.01	-0.03	0.02	-0.05	-0.01	-0.05	-0.02	-0.02	-0.03	0.04	-0.05	0.01
8068	4773	0.0254	0.0285	9.30	<.0001	-0.50	0.05	-0.07	-0.03	0.03	-0.03	-0.02	-0.09	-0.06	-0.08	-0.03	-0.03	-0.08	-0.04	-0.05	-0.01
8069	12352	0.0186	0.0198	16.64	<.0001	-0.77	0.09	-0.03	0.02	0.03	-0.07	-0.02	-0.08	-0.09	-0.08	-0.06	-0.09	-0.06	-0.06	-0.07	-0.06
8071	1804	0.0272	0.0353	4.36	<.0001	-0.59	-0.01	-0.07	-0.06	0.02	-0.04	-0.09	-0.05	-0.11	-0.04	0.03	-0.01	-0.04	-0.02	-0.02	-0.09
8073	1365	0.1518	0.1611	17.27	<.0001	-0.89	0.32	-0.13	-0.11	-0.23	0.15	0.26	0.32	0.27	0.29	0.19	0.23	0.18	0.09	0.04	0.05
8074	3371	0.0416	0.0458	10.74	<.0001	-0.93	0.13	-0.05	0.03	0.00	0.00	-0.02	0.03	-0.04	-0.02	0.04	-0.02	0.01	-0.04	0.01	0.01
8076	9355	0.0317	0.0333	21.43	<.0001	-0.77	-0.06	-0.20	-0.09	0.05	0.02	-0.07	0.08	0.08	-0.07	-0.04	-0.04	-0.09	-0.07	-0.07	-0.06
8077	2172	0.0511	0.0576	8.79	<.0001	-0.09	-0.02	-0.02	-0.08	0.03	-0.11	-0.01	0.05	-0.04	0.02	-0.01	-0.04	0.02	-0.04	0.04	0.01
8078	2443	0.0434	0.0493	8.39	<.0001	-0.27	-0.08	-0.11	-0.03	0.00	-0.01	0.00	-0.03	-0.07	-0.02	0.03	0.05	0.00	-0.04	0.00	0.09
8081	7459	0.0203	0.0223	11.32	<.0001	-0.88	-0.06	-0.09	-0.08	-0.01	-0.03	-0.04	-0.02	0.01	-0.02	-0.01	-0.02	-0.03	-0.03	-0.05	-0.07
8082	1993	0.1160	0.1227	18.43	<.0001	-0.63	0.14	0.07	0.08	0.06	0.10	0.00	0.10	0.13	0.03	0.15	-0.03	0.16	0.21	0.14	0.01
8083	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
8084	1773	0.1811	0.1880	27.12	<.0001	-0.41	-0.09	-0.09	-0.59	0.13	-0.02	0.18	0.06	0.22	0.12	0.33	0.18	0.05	0.14	0.12	0.09
8085	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
8086	321	0.1707	0.2095	5.39	<.0001	-0.39	-0.12	-0.23	-0.16	-0.03	0.18	-0.23	0.20	0.16	0.08	-0.09	0.04	-0.04	-0.02	0.10	0.22
8087	1501	0.0800	0.0892	9.69	<.0001	-0.05	0.02	-0.08	-0.11	0.03	0.04	0.07	-0.06	0.00	0.05	-0.02	0.00	0.04	-0.01	-0.03	-0.06
8089	3322	0.0281	0.0325	7.40	<.0001	-0.41	-0.01	-0.02	-0.05	0.00	-0.14	-0.17	-0.06	-0.06	-0.09	-0.02	-0.07	-0.13	-0.10	-0.04	0.02
8090	8942	0.1741	0.1754	126.62	<.0001	-1.32	-0.13	-0.24	-0.62	-0.08	0.08	0.05	0.03	0.00	0.06	-0.04	-0.01	0.03	0.03	0.03	0.03
8092	7059	0.0064	0.0086	4.05	<.0001	-1.29	-0.03	-0.18	-0.13	-0.02	0.15	0.05	0.10	0.07	0.10	0.01	0.01	0.06	0.13	0.12	0.07
8094	7059	0.0064	0.0086	4.05	<.0001	-1.29	-0.03	-0.18	-0.13	-0.02	0.15	0.05	0.10	0.07	0.10	0.01	0.01	0.06	0.13	0.12	0.07
8100	6281	0.0199	0.0222	9.50	<.0001	-0.44	0.12	0.02	0.01	-0.01	-0.03	-0.01	0.06	0.04	0.05	0.08	0.07	0.06	0.13	0.05	0.05
8102	579	0.1167	0.1396	6.09	<.0001	-0.77	0.00	-0.12	-0.03	0.01	-0.20	-0.08	-0.08	-0.06	0.06	0.06	0.04	-0.02	0.00	0.06	-0.02
8104	2494	0.0413	0.0470	8.16	<.0001	-0.67	-0.07	-0.07	-0.06	-0.01	-0.03	-0.01	-0.02	0.00	0.05	0.01	0.02	0.04	0.03	0.00	0.01
8106	3208	0.0304	0.0350	7.71	<.0001	-0.01	-0.08	-0.06	-0.05	0.00	0.00	0.05	0.09	0.05	0.05	0.07	0.03	0.05	0.10	0.11	0.07
8114	4					0.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8120	42902	0.0126	0.0130	37.63	<.0001	-0.73	-0.08	-0.11	-0.19	0.03	0.06	0.07	0.01	0.05	0.01	0.04	0.02	0.00	0.08	0.04	0.02
8122	424	0.1489	0.1791	5.93	<.0001	-0.46	-0.18	-0.23	-0.33	-0.03	0.14	0.09	0.16	0.17	-0.11	0.04	-0.05	-0.07	0.01	-0.04	-0.06
8123	424	0.1489	0.1791	5.93	<.0001	-0.46	-0.18	-0.23	-0.33	-0.03	0.14	0.09	0.16	0.17	-0.11	0.04	-0.05	-0.07	0.01	-0.04	-0.06
8128	28572	0.0109	0.0114	21.92	<.0001	-0.30	-0.09	-0.09	-0.13	-0.02	-0.01	0.02	0.02	0.01	-0.03	0.03	0.04	0.01	0.00	0.00	0.01
8132	28572	0.0109	0.0114	21.92	<.0001	-0.30	-0.09	-0.09	-0.13	-0.02	-0.01	0.02	0.02	0.01	-0.03	0.03	0.04	0.01	0.00	0.00	0.01
8138	714	0.0456	0.0657	3.27	<.0001	-0.87	0.03	0.08	0.00	-0.04	-0.13	-0.09	-0.03	-0.13	-0.18	-0.14	-0.05	-0.11	-0.10	-0.09	-0.10
8139	294	0.0537	0.1021	2.11	0.0098	-0.36	-0.09	0.01	0.03	-0.11	-0.14	-0.21	-0.15	0.03	-0.05	-0.05	-0.27	-0.07	-0.16	-0.16	0.04
8140	1012	0.1416	0.1543	12.11	<.0001	-0.82	0.13	-0.06	-0.08	0.24	-0.14	0.07	0.07	0.20	0.11	0.03	-0.01	-0.01	0.03	0.06	-0.07
8144	44					0.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8146	170	0.1315	0.2086	2.71	0.0011	0.55	-0.11	-0.07	-0.15	0.00	-0.11	-0.15	-0.07	-0.09	-0.14	-0.18	-0.03	0.01	-0.24	0.00	-0.19
8147	1534	0.0292	0.0387	4.08	<.0001	-0.28	-0.01	-0.09	-0.01	-0.03	0.03	0.01	-0.04	0.03	0.00	-0.01	0.03	0.03	-0.02	0.04	-0.02
8148	4203	0.0226	0.0261	7.48	<.0001	-0.61	0.02	0.01	-0.05	-0.01	0.02	0.06	-0.01	0.06	0.02	-0.01	0.10	-0.02	0.02	-0.02	0.03
8189	3					0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8190	392	0.0532	0.0895	2.46	0.0019	-0.43	0.03	-0.04	0.01	0.03	0.00	-0.03	0.03	0.09	0.05	0.03	-0.04	0.10	0.08	0.13	0.08

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
8191	6642	0.0224	0.0246	11.13	<.0001	-0.86	-0.06	-0.09	-0.06	-0.02	-0.03	-0.04	0.00	0.02	-0.01	-0.01	-0.02	-0.01	-0.03	-0.05	-0.06
8192	2879	0.0304	0.0354	7.01	<.0001	-0.33	-0.01	-0.05	-0.07	-0.01	0.08	-0.01	0.01	-0.02	0.04	-0.01	-0.03	-0.02	0.03	0.00	0.04
8194	6					0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8195	79	0.3236	0.4537	3.49	0.0002	-0.55	-0.14	-0.10	0.04	-0.64	0.48	0.18	0.15	0.08	-0.01	-0.16	0.03	-0.13	-0.05	0.15	-0.04
8200	229	0.0623	0.1240	2.01	0.0159	-0.67	-0.02	0.17	0.09	-0.12	0.19	0.09	-0.01	-0.04	0.02	-0.04	0.02	0.01	-0.41	-0.02	-0.06
8202	923	0.0668	0.0819	5.40	<.0001	-0.35	-0.05	-0.01	-0.10	0.05	0.07	0.03	0.02	0.05	0.03	0.08	0.02	-0.01	0.00	0.03	0.05
8204	2985	0.0445	0.0493	10.27	<.0001	-0.74	0.16	0.08	0.00	-0.01	-0.01	0.04	0.10	0.16	0.13	0.02	-0.01	0.02	0.13	0.18	0.05
8206	411	0.0897	0.1230	3.69	<.0001	-0.71	-0.07	-0.10	-0.10	-0.08	0.00	0.02	-0.04	0.00	0.01	-0.05	-0.02	-0.09	-0.14	-0.10	-0.18
8211	748	0.2026	0.2186	13.65	<.0001	-0.43	-0.13	-0.11	-0.13	0.00	0.00	-0.01	0.00	0.01	0.04	0.02	-0.01	-0.01	0.02	0.02	0.02
8212	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
8214	2115	0.0579	0.0646	9.66	<.0001	-0.60	-0.04	-0.07	-0.10	-0.08	0.17	0.16	0.08	0.14	0.14	0.17	0.28	0.22	0.19	0.16	0.15
8216	193	0.3510	0.4017	7.92	<.0001	0.02	-0.12	-0.14	-0.33	0.06	0.00	0.00	-0.03	0.02	-0.03	-0.05	-0.05	0.01	0.03	-0.02	0.01
8218	59					0.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8219	1032	0.0703	0.0838	6.20	<.0001	-0.91	0.13	0.13	0.11	-0.05	0.06	0.00	0.02	0.04	0.06	0.04	-0.04	0.00	-0.07	0.02	0.00
8242	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
8243	1381	0.0783	0.0883	8.81	<.0001	-0.25	-0.10	-0.06	-0.14	0.02	0.03	-0.04	-0.05	-0.06	-0.12	-0.07	-0.07	-0.04	-0.17	-0.01	-0.04
8244	1327	0.1790	0.1883	20.28	<.0001	-0.13	-0.07	-0.14	-0.14	0.04	-0.02	-0.02	-0.06	-0.02	0.01	-0.07	0.01	-0.02	-0.01	0.00	0.00
8245	1464	0.0816	0.0910	9.67	<.0001	-0.42	-0.08	-0.15	-0.10	0.02	0.09	-0.01	0.00	0.10	0.07	0.04	-0.06	-0.01	-0.11	0.01	0.06
8246	455	0.1494	0.1775	6.32	<.0001	0.12	0.08	0.03	-0.08	0.01	-0.07	-0.03	0.04	0.04	0.00	0.04	-0.08	-0.01	0.04	0.06	0.11
8247	1722	0.0926	0.1005	12.70	<.0001	-0.32	-0.12	-0.14	-0.17	-0.03	-0.05	0.05	0.05	0.04	0.02	-0.01	-0.09	0.04	0.07	0.03	0.01
8253	398	0.1156	0.1490	4.46	<.0001	0.03	-0.02	-0.10	-0.13	0.02	-0.04	-0.06	-0.03	0.02	-0.01	0.03	0.05	0.04	-0.01	0.04	0.04
8254	12					0.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8258	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
8259	3267	0.0376	0.0420	9.51	<.0001	-0.18	-0.09	-0.12	-0.10	-0.03	0.01	0.08	0.06	0.02	0.06	0.13	0.09	0.06	0.07	0.07	0.05
8261	1153	0.0740	0.0861	7.14	<.0001	-0.33	0.07	-0.02	-0.03	0.01	-0.02	-0.07	-0.18	-0.06	-0.09	-0.12	-0.14	-0.11	-0.15	-0.04	-0.11
8262	1506	0.0288	0.0385	3.98	<.0001	-0.41	-0.01	-0.03	-0.01	-0.01	0.16	0.07	0.06	0.06	0.15	0.09	0.05	0.01	0.11	0.07	0.08
8263	1451	0.0537	0.0635	6.49	<.0001	-0.34	-0.13	-0.12	-0.16	0.03	0.07	0.05	-0.08	0.01	0.01	-0.07	0.01	0.00	-0.06	0.02	-0.04
8267	1672	0.1598	0.1674	22.19	<.0001	-0.61	-0.01	0.01	-0.06	-0.21	0.18	0.13	0.10	0.14	0.13	0.06	0.27	0.10	0.01	-0.02	0.02
8268	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
8270	732	0.2109	0.2271	14.03	<.0001	-0.10	0.12	-0.01	0.04	-0.14	-0.05	-0.28	-0.13	0.03	0.05	0.00	0.13	0.14	-0.10	-0.19	-0.14
8271	2552	0.0328	0.0385	6.76	<.0001	-0.33	-0.05	-0.09	-0.03	-0.02	0.00	-0.07	-0.05	-0.06	-0.08	-0.01	-0.03	0.00	-0.11	-0.11	0.00
8272	6657	0.0186	0.0208	9.42	<.0001	-0.39	0.04	-0.04	0.02	-0.04	-0.03	0.00	0.00	-0.03	-0.02	-0.05	-0.03	-0.06	-0.03	-0.05	-0.01
8273	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
8274	323	0.1150	0.1563	3.79	<.0001	-0.21	-0.11	-0.07	-0.11	0.09	0.02	-0.06	0.11	0.07	-0.03	0.00	0.02	-0.08	-0.29	-0.12	0.01
8277	67080	0.0836	0.0838	408.98	<.0001	-0.91	0.13	0.13	0.11	-0.05	0.06	0.00	0.02	0.04	0.06	0.04	-0.04	0.00	-0.07	0.02	0.00
8278	33					0.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8283	667	0.0718	0.0928	4.44	<.0001	-0.35	0.09	-0.03	0.01	0.03	-0.06	-0.02	0.08	0.09	-0.05	-0.03	-0.02	-0.15	-0.06	-0.07	-0.02
8284	3					0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8286	3					0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8287	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
8288	358	0.1372	0.1734	4.78	<.0001	-0.41	0.03	-0.04	0.03	0.17	0.01	-0.05	-0.08	-0.10	-0.02	-0.05	-0.05	-0.20	-0.02	0.03	-0.02
8289	190	0.2422	0.3023	5.03	<.0001	-0.38	-0.02	0.12	-0.02	0.09	-0.01	0.08	0.10	0.07	0.01	0.06	0.00	-0.24	-0.03	-0.02	-0.06
8290	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
8294	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
8297	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
8298	502	0.1667	0.1917	7.68	<.0001	-1.10	0.25	0.21	0.04	-0.01	0.24	0.11	0.16	0.20	0.12	0.11	-0.01	0.07	0.08	0.02	-0.06
8299	1162	0.0583	0.0705	5.79	<.0001	-1.08	0.03	-0.05	-0.03	-0.05	0.06	0.00	0.01	-0.04	0.05	0.04	-0.01	-0.04	0.02	0.01	-0.09
8305	33					0.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8309	2					0.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8318	1998	0.0377	0.0449	6.22	<.0001	-0.55	0.06	0.00	0.02	0.02	-0.03	0.07	0.10	0.00	0.02	0.03	-0.04	0.06	0.00	0.06	0.12
8345	947	0.1446	0.1582	11.66	<.0001	-0.28	-0.06	-0.16	-0.21	0.03	0.07	-0.01	0.07	0.01	0.00	0.05	-0.11	0.04	0.02	0.03	0.01
8349	694	0.1205	0.1395	7.33	<.0001	-0.96	0.07	0.12	0.11	-0.11	-0.12	-0.20	-0.19	-0.12	-0.14	-0.17	-0.07	-0.03	-0.15	-0.08	-0.09
8350	235	0.2091	0.2598	5.13	<.0001	-0.92	-0.48	-0.01	-0.05	0.00	0.02	0.04	-0.03	0.03	-0.01	0.10	0.07	-0.09	0.01	-0.06	-0.03
8388	686	0.0457	0.0666	3.19	<.0001	0.11	-0.01	-0.09	-0.02	0.01	0.05	0.00	0.08	-0.07	0.02	0.03	-0.02	0.00	-0.02	0.01	-0.01

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
8398	1427	0.0709	0.0807	8.26	<.0001	-0.40	-0.04	-0.02	-0.02	-0.12	-0.08	-0.01	0.05	0.10	0.06	-0.11	-0.06	-0.03	0.03	-0.05	-0.10
8403	370	0.0878	0.1249	3.37	<.0001	-0.40	0.09	-0.03	-0.02	-0.10	-0.09	0.06	0.03	-0.09	-0.08	-0.08	-0.11	-0.15	0.03	0.05	-0.20
8408	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
8409	150	0.1029	0.1932	2.14	0.0115	-1.08	0.04	-0.10	-0.07	0.08	0.03	-0.12	0.11	0.02	-0.07	0.01	0.07	-0.10	0.02	0.02	0.13
8435	375	0.6997	0.7118	59.10	<.0001	-0.12	-0.01	-0.10	-0.42	0.10	-0.06	-0.12	-0.17	-0.12	-0.10	-0.15	-0.05	-0.12	-0.09	-0.10	-0.06
9003	238312	0.0345	0.0346	568.84	<.0001	-1.68	0.06	-0.05	0.05	0.09	-0.06	-0.06	-0.06	-0.02	0.00	0.04	0.06	0.06	-0.01	-0.05	-0.01
9008	513	0.0904	0.1170	4.39	<.0001	-1.26	0.11	0.17	-0.03	-0.08	0.01	-0.08	0.06	-0.10	0.04	-0.23	0.02	-0.03	0.00	-0.01	0.15
9009	721	0.1315	0.1496	8.27	<.0001	0.37	0.08	-0.02	0.03	-0.04	0.00	0.16	0.17	0.25	0.18	0.30	0.14	0.12	0.58	0.11	0.12
9011	708	0.0879	0.1073	5.54	<.0001	0.41	0.02	-0.01	-0.12	-0.05	-0.01	0.14	0.17	0.22	0.17	0.09	0.14	0.13	0.29	0.16	0.12
9016	16928	0.0217	0.0226	26.07	<.0001	-2.44	0.00	-0.05	-0.09	-0.06	0.01	0.11	0.03	0.00	0.01	0.04	0.00	0.00	0.02	-0.06	-0.02
9017	2453	0.0391	0.0449	7.64	<.0001	-1.34	0.02	-0.06	-0.02	-0.06	-0.05	0.00	-0.04	-0.06	0.05	-0.09	-0.05	-0.14	-0.01	-0.07	-0.01
9019	20032	0.0374	0.0381	52.83	<.0001	-1.70	-0.12	-0.19	-0.18	-0.02	-0.04	-0.05	-0.04	-0.03	-0.02	-0.01	-0.04	-0.02	-0.03	-0.02	0.00
9020	20032	0.0374	0.0381	52.83	<.0001	-1.70	-0.12	-0.19	-0.18	-0.02	-0.04	-0.05	-0.04	-0.03	-0.02	-0.01	-0.04	-0.02	-0.03	-0.02	0.00
9021	3178	0.0729	0.0773	17.65	<.0001	-1.06	0.12	0.01	0.19	0.09	-0.07	0.05	0.07	0.17	-0.01	-0.23	-0.18	-0.04	-0.03	-0.25	-0.06
9033	3090	0.0413	0.0460	9.87	<.0001	-0.27	-0.26	-0.10	-0.04	-0.03	0.09	-0.04	-0.02	-0.04	0.07	0.03	0.07	-0.10	-0.03	-0.03	0.02
9036	1552	0.0514	0.0606	6.61	<.0001	-1.72	-0.04	0.01	-0.11	-0.04	-0.01	-0.03	-0.15	-0.09	-0.14	-0.09	-0.15	-0.11	-0.09	-0.17	-0.08
9037	21368	0.0226	0.0233	33.92	<.0001	-1.44	-0.02	-0.11	-0.08	0.06	-0.04	-0.05	-0.04	-0.01	-0.02	-0.01	0.01	0.05	0.04	0.01	0.03
9040	254221	0.0343	0.0343	602.67	<.0001	-2.18	-0.06	-0.19	-0.12	-0.03	0.01	0.01	0.03	0.00	0.02	0.02	0.03	0.01	-0.02	-0.01	-0.01
9041	703	0.1795	0.1970	11.24	<.0001	-0.46	0.16	-0.18	0.16	0.23	-0.08	-0.03	0.06	0.02	-0.13	0.00	-0.06	-0.14	-0.07	-0.07	-0.07
9042	1871	0.0877	0.0950	12.99	<.0001	0.27	-0.03	-0.10	-0.03	-0.02	-0.17	-0.03	0.00	-0.02	-0.30	-0.06	-0.04	-0.09	0.11	0.10	-0.06
9048	477	0.0396	0.0699	2.31	0.0035	-0.47	0.07	0.05	-0.04	-0.06	-0.03	-0.01	-0.03	-0.03	0.02	0.03	0.04	-0.09	-0.03	-0.03	-0.02
9050	12482	0.3842	0.3850	520.19	<.0001	-0.08	-0.29	-0.33	-0.25	0.02	0.36	0.41	0.46	0.45	0.21	-0.34	-0.52	-0.49	0.02	0.52	0.59
9054	1786	0.0674	0.0753	9.60	<.0001	-0.47	-0.09	-0.09	-0.16	0.03	0.01	0.01	-0.04	-0.01	0.03	-0.06	-0.02	0.02	-0.07	0.01	-0.03
9055	1786	0.0674	0.0753	9.60	<.0001	-0.47	-0.09	-0.09	-0.16	0.03	0.01	0.01	-0.04	-0.01	0.03	-0.06	-0.02	0.02	-0.07	0.01	-0.03
9057	1786	0.0674	0.0753	9.60	<.0001	-0.47	-0.09	-0.09	-0.16	0.03	0.01	0.01	-0.04	-0.01	0.03	-0.06	-0.02	0.02	-0.07	0.01	-0.03
9063	721	0.0354	0.0501	3.40	0.0001	0.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9064	970	0.0956	0.1096	7.83	<.0001	-0.64	-0.20	-0.22	-0.24	0.01	0.04	0.00	-0.06	-0.04	-0.15	-0.10	0.06	0.03	-0.03	-0.08	0.09
9066	970	0.0956	0.1096	7.83	<.0001	-0.64	-0.20	-0.22	-0.24	0.01	0.04	0.00	-0.06	-0.04	-0.15	-0.10	0.06	0.03	-0.03	-0.08	0.09
9068	238	0.1156	0.1716	3.07	0.0002	-0.63	-0.02	0.05	0.00	0.11	0.00	-0.07	0.03	0.06	0.02	0.23	0.11	-0.08	0.19	-0.04	-0.07
9070	11303	0.0764	0.0777	63.36	<.0001	-0.64	0.08	0.06	0.15	0.10	0.03	-0.03	-0.18	-0.34	-0.06	-0.29	-0.37	-0.16	-0.73	-1.04	0.11
9071	970	0.0956	0.1096	7.83	<.0001	-0.64	-0.20	-0.22	-0.24	0.01	0.04	0.00	-0.06	-0.04	-0.15	-0.10	0.06	0.03	-0.03	-0.08	0.09
9078	2631	0.1392	0.1441	29.35	<.0001	-0.72	-0.02	-0.19	-0.05	0.02	-0.12	0.06	0.49	0.38	0.21	0.45	0.43	0.38	0.24	0.03	-0.08
9079	14656	0.1057	0.1066	116.42	<.0001	-1.25	-0.15	-0.15	-0.26	0.03	0.23	0.17	0.17	0.19	0.28	0.22	0.26	0.33	0.22	0.11	-0.15
9081	12650	0.0974	0.0985	92.01	<.0001	-1.45	-0.10	-0.13	-0.18	0.03	0.08	0.08	0.12	0.12	0.09	0.16	0.12	0.20	0.16	0.07	-0.07
9084	18101	0.0235	0.0243	30.07	<.0001	-0.75	-0.03	-0.08	-0.11	-0.05	0.06	0.06	0.04	0.03	0.02	-0.03	0.06	0.08	0.09	0.08	0.02
9085	18101	0.0235	0.0243	30.07	<.0001	-0.75	-0.03	-0.08	-0.11	-0.05	0.06	0.06	0.04	0.03	0.02	-0.03	0.06	0.08	0.09	0.08	0.02
9087	1339	0.0191	0.0301	2.73	0.0004	-0.23	0.01	-0.05	-0.01	-0.02	0.01	-0.07	-0.08	-0.08	0.01	0.08	0.06	0.02	0.00	0.04	-0.07
9089	430	0.2858	0.3107	12.44	<.0001	0.03	-0.48	-0.24	-0.28	0.02	-0.10	0.12	-0.13	-0.14	0.13	0.11	-0.06	-0.15	0.31	0.17	-0.08
9094	430	0.2858	0.3107	12.44	<.0001	0.03	-0.48	-0.24	-0.28	0.02	-0.10	0.12	-0.13	-0.14	0.13	0.11	-0.06	-0.15	0.31	0.17	-0.08
9095	430	0.2858	0.3107	12.44	<.0001	0.03	-0.48	-0.24	-0.28	0.02	-0.10	0.12	-0.13	-0.14	0.13	0.11	-0.06	-0.15	0.31	0.17	-0.08
9096	684	0.0456	0.0666	3.18	<.0001	-1.14	-0.12	-0.07	-0.13	-0.02	-0.03	-0.05	0.02	-0.08	-0.12	0.02	0.04	-0.10	-0.02	-0.04	0.00
9097	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9099	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9100	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9105	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9111	20958	0.0169	0.0176	25.04	<.0001	-2.03	0.10	0.02	0.06	0.06	-0.01	-0.03	0.01	0.00	0.03	0.06	0.06	0.10	0.10	0.02	0.01
9116	20958	0.0169	0.0176	25.04	<.0001	-2.03	0.10	0.02	0.06	0.06	-0.01	-0.03	0.01	0.00	0.03	0.06	0.06	0.10	0.10	0.02	0.01
9119	684	0.0456	0.0666	3.18	<.0001	-1.14	-0.12	-0.07	-0.13	-0.02	-0.03	-0.05	0.02	-0.08	-0.12	0.02	0.04	-0.10	-0.02	-0.04	0.00
9120	684	0.0456	0.0666	3.18	<.0001	-1.14	-0.12	-0.07	-0.13	-0.02	-0.03	-0.05	0.02	-0.08	-0.12	0.02	0.04	-0.10	-0.02	-0.04	0.00
9121	684	0.0456	0.0666	3.18	<.0001	-1.14	-0.12	-0.07	-0.13	-0.02	-0.03	-0.05	0.02	-0.08	-0.12	0.02	0.04	-0.10	-0.02	-0.04	0.00
9123	7					0.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9124	901	0.2043	0.2176	16.41	<.0001	-1.71	-0.44	0.08	-0.26	-0.13	-0.20	-0.13	-0.05	-0.06	0.01	-0.11	-0.14	-0.04	-0.06	-0.13	-0.03
9125	855	0.1054	0.1211	7.70	<.0001	-1.16	-0.12	-0.22	-0.07	0.06	0.05	0.09	0.04	0.03	0.07	0.03	0.07	0.08	0.08	0.06	0.06
9128	7596	0.0493	0.0512	27.28	<.0001	-1.96	-0.19	-0.18	-0.22	0.03	0.01	-0.03	0.00	0.06	-0.01	-0.01	-0.03	0.03	0.00	0.00	-0.02

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
9131	82432	0.0511	0.0513	297.20	<.0001	-1.16	0.06	0.00	0.04	-0.03	0.01	-0.15	-0.17	0.03	0.10	-0.06	-0.14	-0.22	-0.20	-0.13	-0.06
9132	82432	0.0511	0.0513	297.20	<.0001	-1.16	0.06	0.00	0.04	-0.03	0.01	-0.15	-0.17	0.03	0.10	-0.06	-0.14	-0.22	-0.20	-0.13	-0.06
9133	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9134	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9135	10892	0.0624	0.0637	49.30	<.0001	-1.87	-0.15	-0.14	-0.24	0.01	0.00	0.00	0.05	0.06	0.04	-0.02	-0.04	-0.01	0.04	0.04	0.00
9137	1682	0.0756	0.0839	10.17	<.0001	-0.97	0.21	0.02	0.04	0.03	-0.14	-0.12	-0.05	0.01	0.09	-0.01	0.03	0.02	0.04	-0.03	-0.02
9139	53					0.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9148	8259	0.0297	0.0314	17.83	<.0001	-1.64	0.05	0.05	0.00	0.12	-0.05	-0.01	0.04	-0.07	-0.01	0.01	-0.02	0.03	0.05	-0.01	0.06
9149	14					0.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9151	3262	0.1484	0.1523	38.88	<.0001	-1.48	0.12	-0.02	0.09	0.10	-0.12	-0.08	-0.15	-0.12	-0.11	-0.08	0.00	0.04	0.11	0.09	0.05
9153	7683	0.0375	0.0394	20.95	<.0001	-0.95	-0.35	-0.30	-0.36	-0.01	0.03	0.00	-0.06	-0.04	-0.01	-0.02	0.07	0.01	-0.09	-0.01	-0.04
9154	32010	0.0329	0.0334	73.65	<.0001	-1.83	-0.16	-0.15	-0.17	0.01	-0.02	-0.01	0.00	0.00	-0.01	-0.02	-0.01	-0.01	0.00	0.00	0.03
9159	10240	0.0371	0.0385	27.27	<.0001	-1.84	0.16	0.15	0.10	0.07	0.02	0.07	0.10	0.05	0.00	0.00	-0.01	-0.01	-0.01	0.00	-0.01
9160	1629	0.0519	0.0606	6.94	<.0001	-0.52	0.12	-0.03	-0.03	0.02	0.06	-0.02	0.00	0.00	-0.12	0.02	-0.02	-0.03	0.05	0.01	-0.05
9161	1629	0.0519	0.0606	6.94	<.0001	-0.52	0.12	-0.03	-0.03	0.02	0.06	-0.02	0.00	0.00	-0.12	0.02	-0.02	-0.03	0.05	0.01	-0.05
9176	9152	0.0265	0.0281	17.61	<.0001	-1.66	0.04	0.02	0.00	0.01	-0.04	0.02	0.00	-0.07	-0.08	-0.09	-0.10	-0.06	0.08	0.06	0.03
9181	44179	0.1058	0.1061	349.56	<.0001	-2.17	0.32	0.32	0.39	0.00	-0.01	0.05	0.04	0.01	0.00	-0.09	-0.10	-0.14	-0.12	-0.05	0.06
9184	6689	0.0957	0.0977	48.18	<.0001	-1.82	0.20	0.17	0.29	0.00	-0.06	0.00	0.08	0.05	-0.02	-0.06	-0.14	-0.22	-0.24	-0.15	-0.11
9191	20517	0.0611	0.0618	89.98	<.0001	-1.30	0.07	-0.01	0.04	-0.03	0.06	0.05	0.04	0.22	0.30	-0.04	-0.17	-0.14	-0.02	0.02	-0.09
9193	33606	0.0217	0.0221	50.68	<.0001	-0.28	-0.14	-0.10	-0.08	-0.04	0.03	0.07	0.04	0.07	0.04	0.01	0.02	0.03	0.06	0.06	-0.02
9194	1318	0.1369	0.1467	14.93	<.0001	-0.49	0.12	0.09	0.16	-0.07	0.10	0.16	0.03	0.13	0.07	0.13	0.07	0.18	0.06	0.18	0.05
9195	13062	0.0471	0.0482	44.03	<.0001	-0.15	-0.30	-0.22	-0.22	-0.01	-0.02	0.02	-0.01	0.04	0.01	0.00	-0.01	0.00	0.06	0.01	-0.01
9200	47861	0.0708	0.0711	244.00	<.0001	-2.02	0.24	0.07	0.14	0.06	-0.06	-0.04	-0.05	0.02	0.10	0.09	0.12	0.24	0.20	0.10	0.03
9203	47861	0.0708	0.0711	244.00	<.0001	-2.02	0.24	0.07	0.14	0.06	-0.06	-0.04	-0.05	0.02	0.10	0.09	0.12	0.24	0.20	0.10	0.03
9206	133894	0.0399	0.0400	372.33	<.0001	-2.06	-0.15	-0.23	-0.22	-0.01	-0.02	-0.02	0.00	-0.02	0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00
9207	7					0.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9214	23524	0.0147	0.0153	24.39	<.0001	-1.40	0.07	-0.05	0.01	0.00	-0.03	-0.02	-0.02	-0.02	0.02	0.00	0.01	-0.01	0.00	-0.01	0.01
9215	14					0.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9216	95722	0.0709	0.0711	488.09	<.0001	-2.02	0.24	0.07	0.14	0.06	-0.06	-0.04	-0.05	0.02	0.10	0.09	0.12	0.24	0.20	0.10	0.03
9217	7					0.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9218	11483	0.0386	0.0398	31.70	<.0001	-1.67	0.12	-0.04	-0.02	0.08	-0.01	0.03	-0.03	0.05	0.04	-0.07	0.00	0.08	0.06	-0.03	0.02
9219	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9220	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9221	204	0.3294	0.3790	7.65	<.0001	-1.49	0.22	0.16	0.26	0.06	-0.10	-0.07	-0.05	0.17	-0.13	0.08	0.06	-0.08	-0.07	0.00	0.01
9223	204	0.3294	0.3790	7.65	<.0001	-1.49	0.22	0.16	0.26	0.06	-0.10	-0.07	-0.05	0.17	-0.13	0.08	0.06	-0.08	-0.07	0.00	0.01
9226	1706	0.0211	0.0297	3.45	<.0001	-1.49	0.07	0.20	-0.02	-0.04	-0.25	-0.19	-0.20	-0.06	-0.10	-0.07	-0.15	-0.10	-0.09	-0.12	-0.06
9229	226	0.2146	0.2670	5.10	<.0001	-1.87	-0.06	0.53	0.42	0.03	0.04	0.04	0.04	0.02	-0.07	0.16	0.09	0.15	-0.07	-0.02	0.09
9232	1552	0.0514	0.0606	6.61	<.0001	-1.72	-0.04	0.01	-0.11	-0.04	-0.01	-0.03	-0.15	-0.09	-0.14	-0.09	-0.15	-0.11	-0.09	-0.17	-0.08
9236	30179	0.0513	0.0518	109.75	<.0001	-1.43	-0.03	0.01	-0.02	0.01	0.25	0.24	0.27	0.30	0.25	-0.01	-0.10	-0.10	0.02	0.12	0.08
9237	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9238	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9240	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9241	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9246	205	0.2123	0.2702	4.67	<.0001	0.01	0.06	0.24	0.04	0.13	-0.21	-0.16	0.08	-0.56	-0.08	0.00	-0.12	0.07	0.00	0.19	0.06
9247	42344	0.0070	0.0073	20.79	<.0001	0.06	-0.07	-0.08	-0.06	-0.03	0.03	0.01	-0.02	-0.01	-0.01	0.02	0.04	-0.04	0.01	-0.04	-0.01
9250	572	0.1398	0.1624	7.19	<.0001	-0.74	0.02	-0.08	-0.13	0.05	-0.02	0.02	0.02	-0.13	0.00	-0.03	0.01	-0.02	-0.06	0.03	-0.04
9251	963	0.1341	0.1476	10.93	<.0001	-1.70	-0.12	0.14	-0.16	-0.02	-0.16	-0.16	-0.12	-0.15	-0.25	-0.27	-0.02	-0.13	-0.28	-0.14	-0.20
9252	21860	0.0548	0.0555	85.52	<.0001	-1.72	0.15	0.10	0.18	0.02	-0.06	-0.07	-0.05	0.01	0.03	0.08	0.11	0.02	0.00	-0.04	0.00
9253	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9254	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9256	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9257	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9259	42344	0.0070	0.0073	20.79	<.0001	0.06	-0.07	-0.08	-0.06	-0.03	0.03	0.01	-0.02	-0.01	-0.01	0.02	0.04	-0.04	0.01	-0.04	-0.01
9260	18					0.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
9262	742	0.0693	0.0881	4.68	<.0001	-1.77	-0.01	0.04	-0.12	0.02	-0.13	-0.20	-0.18	-0.06	-0.15	-0.06	0.01	-0.08	-0.23	0.00	0.01
9266	12260	0.0446	0.0458	39.15	<.0001	-1.34	0.27	0.21	0.16	0.12	-0.04	-0.07	0.22	0.10	0.00	0.00	0.00	-0.06	-0.02	0.00	0.05
9267	31301	0.0131	0.0135	28.61	<.0001	-1.65	-0.06	-0.09	-0.09	-0.01	0.02	0.03	-0.01	-0.01	0.03	0.03	0.02	0.04	0.03	0.04	-0.01
9268	31301	0.0131	0.0135	28.61	<.0001	-1.65	-0.06	-0.09	-0.09	-0.01	0.02	0.03	-0.01	-0.01	0.03	0.03	0.02	0.04	0.03	0.04	-0.01
9269	31301	0.0131	0.0135	28.61	<.0001	-1.65	-0.06	-0.09	-0.09	-0.01	0.02	0.03	-0.01	-0.01	0.03	0.03	0.02	0.04	0.03	0.04	-0.01
9270	31301	0.0131	0.0135	28.61	<.0001	-1.65	-0.06	-0.09	-0.09	-0.01	0.02	0.03	-0.01	-0.01	0.03	0.03	0.02	0.04	0.03	0.04	-0.01
9272	7					0.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9273	4057	0.0552	0.0587	16.81	<.0001	-2.04	-0.13	-0.08	-0.20	0.01	-0.02	-0.02	-0.02	-0.10	0.02	-0.02	-0.01	0.04	0.09	0.02	0.01
9274	390	0.2012	0.2320	7.53	<.0001	-0.98	-0.17	-0.22	-0.25	-0.01	0.10	0.03	-0.04	-0.02	0.00	0.03	0.13	-0.07	0.07	-0.01	-0.07
9277	1706	0.0211	0.0297	3.45	<.0001	-1.49	0.07	0.20	-0.02	-0.04	-0.25	-0.19	-0.20	-0.06	-0.10	-0.07	-0.15	-0.10	-0.09	-0.12	-0.06
9279	18713	0.1003	0.1010	140.02	<.0001	-1.51	0.14	0.07	0.11	0.02	0.34	0.24	0.24	0.35	0.49	0.31	0.06	-0.06	-0.01	0.01	0.01
9281	196	0.2352	0.2940	5.00	<.0001	-1.09	-0.35	-0.71	-0.71	-0.04	-0.04	-0.23	-0.36	-0.02	-0.20	-0.09	0.44	0.20	0.23	0.31	0.33
9286	23					0.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9292	5721	0.0096	0.0122	4.69	<.0001	-0.76	-0.05	-0.08	-0.06	-0.02	0.02	0.06	0.00	0.00	0.00	0.04	0.03	0.02	-0.01	0.01	0.03
9294	3639	0.0224	0.0265	6.57	<.0001	-1.91	-0.09	-0.01	0.01	0.02	-0.04	-0.04	-0.03	0.01	-0.01	-0.04	-0.02	0.02	-0.02	0.01	0.02
9298	17939	0.0227	0.0235	28.75	<.0001	-0.76	-0.03	-0.07	-0.11	-0.04	0.06	0.07	0.04	0.04	0.03	-0.03	0.06	0.09	0.09	0.09	0.02
9302	4758	0.0460	0.0490	16.29	<.0001	0.43	-0.16	-0.14	-0.13	0.17	-0.16	-0.20	-0.11	-0.19	-0.23	-0.29	-0.36	-0.30	-0.26	-0.20	-0.04
9304	492	0.1479	0.1739	6.68	<.0001	-0.85	0.01	0.20	-0.20	-0.05	0.11	-0.05	0.20	-0.08	-0.14	-0.15	-0.27	-0.23	-0.16	-0.18	-0.24
9306	1139	0.0155	0.0285	2.19	0.0053	-0.33	-0.02	-0.02	0.00	-0.01	-0.06	0.04	0.00	-0.01	0.00	0.03	-0.02	0.07	0.00	0.01	0.04
9309	7					0.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9316	45570	0.0540	0.0543	174.27	<.0001	-0.74	-0.11	-0.10	0.02	0.00	-0.01	0.02	-0.06	-0.17	-0.24	-0.18	-0.14	-0.02	-0.03	0.05	0.26
9318	4676	0.0314	0.0345	11.10	<.0001	-0.92	0.04	0.03	-0.03	0.04	-0.08	-0.08	-0.09	-0.08	-0.09	-0.08	-0.08	-0.07	-0.04	-0.04	-0.02
9319	4676	0.0314	0.0345	11.10	<.0001	-0.92	0.04	0.03	-0.03	0.04	-0.08	-0.08	-0.09	-0.08	-0.09	-0.08	-0.08	-0.07	-0.04	-0.04	-0.02
9320	4676	0.0314	0.0345	11.10	<.0001	-0.92	0.04	0.03	-0.03	0.04	-0.08	-0.08	-0.09	-0.08	-0.09	-0.08	-0.08	-0.07	-0.04	-0.04	-0.02
9322	2					0.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9326	22821	0.0788	0.0794	131.15	<.0001	-2.35	0.20	0.10	0.35	-0.02	0.34	0.40	0.39	0.26	-0.09	-0.20	-0.26	-0.26	-0.14	0.09	0.44
9328	4528	0.1256	0.1285	44.34	<.0001	-0.55	-0.20	-0.30	-0.27	0.04	0.05	0.01	0.00	0.06	0.02	0.03	0.10	0.05	-0.01	-0.03	-0.06
9340	7469	0.0372	0.0391	20.24	<.0001	-1.68	0.11	0.07	0.15	0.01	-0.06	-0.11	-0.09	0.02	0.04	0.06	0.10	-0.01	-0.04	-0.07	-0.01
9351	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9354	31301	0.0131	0.0135	28.61	<.0001	-1.65	-0.06	-0.09	-0.09	-0.01	0.02	0.03	-0.01	-0.01	0.03	0.03	0.02	0.04	0.03	0.04	-0.01
9370	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9374	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9383	10456	0.0350	0.0364	26.29	<.0001	-1.57	-0.05	-0.15	-0.05	0.00	0.03	0.03	0.05	0.02	0.00	-0.02	0.00	0.02	0.03	0.00	0.01
9409	4057	0.0552	0.0587	16.81	<.0001	-2.04	-0.13	-0.08	-0.20	0.01	-0.02	-0.02	-0.02	-0.10	0.02	-0.02	-0.01	0.04	0.09	0.02	0.01
9426	973	0.0364	0.0513	3.45	<.0001	0.05	0.26	0.03	0.07	-0.03	-0.16	0.30	0.17	0.42	0.37	0.40	0.35	0.02	0.52	-0.01	0.01
10002	70691	0.0140	0.0142	68.00	<.0001	-0.59	0.06	-0.06	-0.01	-0.06	0.02	0.03	0.02	0.07	0.08	0.06	0.08	0.06	0.00	0.01	-0.01
10004	73198	0.0059	0.0061	29.78	<.0001	-0.44	-0.02	-0.04	-0.03	0.00	-0.07	-0.09	-0.05	-0.03	-0.01	-0.02	-0.01	0.04	0.04	0.00	0.01
10006	73198	0.0059	0.0061	29.78	<.0001	-0.44	-0.02	-0.04	-0.03	0.00	-0.07	-0.09	-0.05	-0.03	-0.01	-0.02	-0.01	0.04	0.04	0.00	0.01
10008	774	0.2170	0.2322	15.28	<.0001	-0.55	0.12	-0.11	-0.49	-0.03	-0.24	-0.07	-0.26	0.10	0.04	-0.03	0.19	0.19	0.08	-0.08	-0.07
10010	774	0.2170	0.2322	15.28	<.0001	-0.55	0.12	-0.11	-0.49	-0.03	-0.24	-0.07	-0.26	0.10	0.04	-0.03	0.19	0.19	0.08	-0.08	-0.07
10020	359	0.1021	0.1397	3.71	<.0001	-0.27	0.10	-0.10	-0.02	-0.11	-0.04	-0.11	-0.19	0.31	0.06	-0.08	0.14	0.05	0.00	-0.08	0.00
10024	359	0.1021	0.1397	3.71	<.0001	-0.27	0.10	-0.10	-0.02	-0.11	-0.04	-0.11	-0.19	0.31	0.06	-0.08	0.14	0.05	0.00	-0.08	0.00
10028	50157	0.0095	0.0098	32.95	<.0001	-0.49	0.01	-0.06	-0.03	-0.06	0.02	0.04	0.03	0.05	0.06	0.07	0.06	0.03	0.00	0.00	-0.02
10032	50157	0.0095	0.0098	32.95	<.0001	-0.49	0.01	-0.06	-0.03	-0.06	0.02	0.04	0.03	0.05	0.06	0.07	0.06	0.03	0.00	0.00	-0.02
10036	45913	0.0085	0.0088	27.28	<.0001	-0.47	-0.01	-0.05	-0.02	-0.05	0.02	0.04	0.01	0.05	0.05	0.07	0.06	0.03	0.00	0.00	-0.03
10040	45913	0.0085	0.0088	27.28	<.0001	-0.47	-0.01	-0.05	-0.02	-0.05	0.02	0.04	0.01	0.05	0.05	0.07	0.06	0.03	0.00	0.00	-0.03
10044	46515	0.0087	0.0091	28.32	<.0001	-0.47	-0.01	-0.05	-0.02	-0.05	0.03	0.04	0.01	0.05	0.06	0.08	0.06	0.03	0.00	0.00	-0.03
10048	46515	0.0087	0.0091	28.32	<.0001	-0.47	-0.01	-0.05	-0.02	-0.05	0.03	0.04	0.01	0.05	0.06	0.08	0.06	0.03	0.00	0.00	-0.03
10052	6708	0.0390	0.0411	19.13	<.0001	-0.67	0.16	-0.02	0.03	-0.09	0.00	0.00	0.04	0.04	0.08	-0.01	0.01	0.06	-0.05	-0.01	-0.04
10056	6708	0.0390	0.0411	19.13	<.0001	-0.67	0.16	-0.02	0.03	-0.09	0.00	0.00	0.04	0.04	0.08	-0.01	0.01	0.06	-0.05	-0.01	-0.04
10060	5083	0.0525	0.0553	19.76	<.0001	-0.28	0.22	0.01	0.01	-0.05	0.02	0.10	-0.04	0.03	0.02	-0.01	0.02	0.05	0.01	0.01	-0.05
10070	7240	0.0640	0.0659	33.98	<.0001	-1.13	-0.29	-0.13	-0.16	-0.09	0.12	0.06	0.09	0.18	0.17	0.14	0.20	0.17	0.09	0.04	0.03
10074	1516	0.1033	0.1122	12.64	<.0001	-1.26	-0.15	0.06	-0.14	-0.16	0.03	-0.07	0.06	0.14	-0.01	-0.10	0.11	0.01	0.02	-0.22	-0.07
10077	1516	0.1033	0.1122	12.64	<.0001	-1.26	-0.15	0.06	-0.14	-0.16	0.03	-0.07	0.06	0.14	-0.01	-0.10	0.11	0.01	0.02	-0.22	-0.07

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
10080	5724	0.0651	0.0676	27.57	<.0001	-1.14	-0.26	-0.15	-0.08	-0.06	0.13	0.10	0.10	0.19	0.20	0.21	0.24	0.19	0.12	0.12	0.07
10084	5724	0.0651	0.0676	27.57	<.0001	-1.14	-0.26	-0.15	-0.08	-0.06	0.13	0.10	0.10	0.19	0.20	0.21	0.24	0.19	0.12	0.12	0.07
10088	7943	0.0520	0.0538	30.03	<.0001	-0.90	0.14	-0.03	0.04	-0.10	0.00	-0.01	0.00	-0.04	0.10	0.06	0.02	0.03	0.07	-0.03	0.05
10119	2338	0.0377	0.0439	7.10	<.0001	-1.22	0.16	0.05	0.07	-0.06	0.14	0.00	0.04	0.06	0.00	-0.03	0.06	0.12	0.13	-0.03	0.07
10123	79233	0.0058	0.0059	31.60	<.0001	-0.47	0.00	-0.03	-0.03	0.01	-0.08	-0.09	-0.06	-0.04	-0.02	-0.03	-0.01	0.03	0.03	-0.01	0.01
10128	79233	0.0058	0.0059	31.60	<.0001	-0.47	0.00	-0.03	-0.03	0.01	-0.08	-0.09	-0.06	-0.04	-0.02	-0.03	-0.01	0.03	0.03	-0.01	0.01
10130	1213	0.0286	0.0406	3.38	<.0001	0.58	0.04	-0.12	-0.02	-0.02	-0.07	-0.12	0.02	-0.01	-0.02	-0.08	-0.10	-0.10	-0.11	-0.15	-0.15
10134	14940	0.0261	0.0271	27.72	<.0001	-0.69	0.10	-0.03	0.10	-0.03	0.01	0.10	0.01	0.02	0.15	0.07	0.11	0.11	0.17	0.13	0.08
10137	7470	0.0251	0.0271	13.84	<.0001	-0.69	0.10	-0.03	0.10	-0.03	0.01	0.10	0.01	0.02	0.15	0.07	0.11	0.11	0.17	0.13	0.08
10139	28296	0.0245	0.0250	48.28	<.0001	-0.90	0.07	0.04	-0.04	-0.06	0.09	0.08	0.07	0.03	0.21	0.18	0.20	0.20	0.19	0.13	0.14
10141	8229	0.0267	0.0284	16.03	<.0001	-0.37	0.02	-0.08	-0.09	0.04	-0.04	-0.01	-0.04	-0.05	-0.05	-0.03	-0.01	-0.05	-0.02	0.02	0.04
10146	28296	0.0245	0.0250	48.28	<.0001	-0.90	0.07	0.04	-0.04	-0.06	0.09	0.08	0.07	0.03	0.21	0.18	0.20	0.20	0.19	0.13	0.14
10150	23347	0.0361	0.0367	59.22	<.0001	-1.01	0.15	0.02	-0.10	-0.05	0.10	0.07	0.06	0.07	0.19	0.12	0.12	0.15	0.13	0.02	0.09
10152	2442	0.0729	0.0785	13.79	<.0001	-0.94	-0.01	-0.05	-0.23	-0.10	-0.07	-0.22	-0.05	-0.15	0.06	-0.16	0.01	0.01	0.01	-0.12	0.22
10165	73198	0.0059	0.0061	29.78	<.0001	-0.44	-0.02	-0.04	-0.03	0.00	-0.07	-0.09	-0.05	-0.03	-0.01	-0.02	-0.01	0.04	0.04	0.00	0.01
10166	146396	0.0060	0.0061	59.57	<.0001	-0.44	-0.02	-0.04	-0.03	0.00	-0.07	-0.09	-0.05	-0.03	-0.01	-0.02	-0.01	0.04	0.04	0.00	0.01
10182	7470	0.0251	0.0271	13.84	<.0001	-0.69	0.10	-0.03	0.10	-0.03	0.01	0.10	0.01	0.02	0.15	0.07	0.11	0.11	0.17	0.13	0.08
10184	10773	0.0216	0.0229	16.84	<.0001	0.13	-0.21	-0.26	-0.16	-0.01	-0.04	-0.08	-0.04	-0.09	-0.10	-0.06	-0.09	-0.05	-0.05	-0.04	-0.06
10187	70691	0.0140	0.0142	68.00	<.0001	-0.59	0.06	-0.06	-0.01	-0.06	0.02	0.03	0.02	0.07	0.08	0.06	0.08	0.06	0.00	0.01	-0.01
10210	6708	0.0390	0.0411	19.13	<.0001	-0.67	0.16	-0.02	0.03	-0.09	0.00	0.00	0.04	0.04	0.08	-0.01	0.01	0.06	-0.05	-0.01	-0.04
10214	6708	0.0390	0.0411	19.13	<.0001	-0.67	0.16	-0.02	0.03	-0.09	0.00	0.00	0.04	0.04	0.08	-0.01	0.01	0.06	-0.05	-0.01	-0.04
10219	3211	0.0625	0.0669	15.26	<.0001	-0.80	0.00	-0.22	-0.09	0.05	-0.09	-0.09	-0.10	-0.07	-0.06	0.00	-0.02	-0.08	0.03	-0.04	-0.07
10224	7299	0.0225	0.0245	12.19	<.0001	-0.63	0.02	-0.03	0.02	-0.08	0.09	0.15	0.05	0.09	0.11	0.17	0.11	0.07	0.01	0.00	0.01
10225	100314	0.0096	0.0098	65.92	<.0001	-0.49	0.01	-0.06	-0.03	-0.06	0.02	0.04	0.03	0.05	0.06	0.07	0.06	0.03	0.00	0.00	-0.02
10226	69809	0.0140	0.0142	66.99	<.0001	-0.59	0.06	-0.06	-0.01	-0.06	0.02	0.03	0.02	0.07	0.08	0.06	0.08	0.06	0.00	0.01	-0.02
11001	382	0.5810	0.5964	38.74	<.0001	0.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11009	7350	0.0215	0.0235	11.77	<.0001	-1.12	-0.01	0.03	0.06	0.05	-0.13	-0.17	-0.12	-0.19	-0.17	-0.10	-0.15	-0.09	-0.14	-0.21	-0.12
11011	17089	0.1794	0.1801	250.03	<.0001	-0.84	0.07	0.01	0.10	0.03	0.12	0.08	-0.20	-0.36	-0.33	-0.07	0.08	0.15	0.07	-0.02	-0.02
11013	10504	0.0703	0.0716	53.96	<.0001	-0.90	-0.18	-0.33	-0.10	0.03	0.00	0.00	-0.05	-0.05	-0.07	0.01	-0.05	-0.01	-0.06	-0.07	-0.01
11018	1918	0.1519	0.1585	23.89	<.0001	-0.14	0.06	-0.13	-0.25	0.06	-0.09	0.08	0.04	0.08	-0.02	-0.14	-0.01	-0.14	0.18	0.12	-0.05
11026	14					1.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11028	518	0.0296	0.0578	2.05	0.0110	-0.76	-0.17	-0.16	-0.16	0.02	0.03	0.00	-0.02	0.02	0.05	-0.05	-0.02	0.05	-0.01	0.07	0.04
11032	8					0.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11037	4312	0.0706	0.0738	22.83	<.0001	-1.06	0.10	-0.06	-0.10	0.03	-0.01	-0.06	-0.06	-0.01	-0.03	0.02	-0.03	-0.02	-0.01	-0.02	-0.03
11043	4149	0.1444	0.1475	47.66	<.0001	-1.24	1.05	0.46	0.52	0.04	-0.12	0.07	0.08	0.11	0.03	0.14	0.03	0.08	0.04	-0.08	0.04
11044	4149	0.1444	0.1475	47.66	<.0001	-1.24	1.05	0.46	0.52	0.04	-0.12	0.07	0.08	0.11	0.03	0.14	0.03	0.08	0.04	-0.08	0.04
11050	126	0.3053	0.3831	4.92	<.0001	0.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11052	16087	0.0764	0.0772	89.66	<.0001	-1.25	-0.12	-0.17	-0.22	0.03	0.13	0.19	-0.02	0.00	-0.02	0.01	-0.03	-0.10	-0.01	0.00	-0.01
11054	91410	0.0390	0.0391	248.11	<.0001	-2.07	0.03	-0.18	-0.09	0.04	-0.03	0.00	0.01	0.02	0.03	0.04	0.04	0.03	-0.02	0.02	-0.02
11060	23760	0.0391	0.0397	65.40	<.0001	-1.25	-0.10	-0.18	-0.19	0.04	0.02	0.01	-0.06	0.01	0.05	0.03	0.02	0.03	0.01	0.05	-0.05
11061	11880	0.0385	0.0397	32.68	<.0001	-1.25	-0.10	-0.18	-0.19	0.04	0.02	0.01	-0.06	0.01	0.05	0.03	0.02	0.03	0.01	0.05	-0.05
11080	127	0.1143	0.2197	2.08	0.0156	-0.81	-0.25	-0.04	-0.01	-0.04	0.23	0.15	0.19	0.20	0.25	0.35	0.13	0.31	0.35	0.31	0.14
11082	20158	0.0385	0.0392	54.75	<.0001	-1.63	-0.20	-0.17	-0.21	0.02	-0.06	-0.01	-0.03	-0.03	-0.09	0.00	0.03	-0.01	-0.05	-0.03	-0.01
11084	10079	0.0377	0.0392	27.36	<.0001	-1.63	-0.20	-0.17	-0.21	0.02	-0.06	-0.01	-0.03	-0.03	-0.09	0.00	0.03	-0.01	-0.05	-0.03	-0.01
11090	45303	0.0684	0.0687	222.66	<.0001	-1.54	0.12	0.18	0.36	0.11	0.01	0.06	-0.05	-0.05	-0.04	0.00	0.00	-0.04	0.01	-0.02	-0.04
11092	17254	0.0138	0.0147	17.13	<.0001	-1.20	-0.01	-0.11	-0.06	0.01	0.01	0.00	-0.05	-0.02	0.00	-0.05	-0.03	-0.04	-0.01	0.02	-0.03
11094	34508	0.0143	0.0147	34.28	<.0001	-1.20	-0.01	-0.11	-0.06	0.01	0.01	0.00	-0.05	-0.02	0.00	-0.05	-0.03	-0.04	-0.01	0.02	-0.03
11098	3159	0.1774	0.1813	46.39	<.0001	-1.48	0.49	0.18	0.30	0.12	0.08	0.16	-0.06	-0.09	-0.02	0.32	0.55	0.09	0.07	-0.07	-0.07
11100	7552	0.0725	0.0744	40.36	<.0001	-1.06	-0.06	-0.06	-0.15	0.00	0.00	0.04	-0.03	0.01	0.02	0.05	0.05	0.07	0.06	0.03	0.03
11104	20					1.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11109	25062	0.0927	0.0932	171.61	<.0001	-2.29	-0.11	-0.20	-0.10	-0.03	0.12	0.11	-0.27	0.08	0.15	0.14	0.12	0.12	0.05	0.03	0.06
11112	25062	0.0927	0.0932	171.61	<.0001	-2.29	-0.11	-0.20	-0.10	-0.03	0.12	0.11	-0.27	0.08	0.15	0.14	0.12	0.12	0.05	0.03	0.06
11114	25062	0.0927	0.0932	171.61	<.0001	-2.29	-0.11	-0.20	-0.10	-0.03	0.12	0.11	-0.27	0.08	0.15	0.14	0.12	0.12	0.05	0.03	0.06
11116	25062	0.0927	0.0932	171.61	<.0001	-2.29	-0.11	-0.20	-0.10	-0.03	0.12	0.11	-0.27	0.08	0.15	0.14	0.12	0.12	0.05	0.03	0.06

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
11119	25062	0.0927	0.0932	171.61	<.0001	-2.29	-0.11	-0.20	-0.10	-0.03	0.12	0.11	-0.27	0.08	0.15	0.14	0.12	0.12	0.05	0.03	0.06
11124	86057	0.0106	0.0108	62.63	<.0001	-1.67	0.05	0.09	0.12	0.03	-0.05	-0.04	-0.03	0.00	0.04	0.03	0.04	0.02	0.00	-0.03	-0.01
11126	10712	0.1071	0.1083	86.61	<.0001	-1.97	0.00	-0.37	-0.17	0.00	0.09	0.14	0.10	0.14	0.12	0.18	0.10	0.17	0.10	0.13	0.11
11130	2330	0.0499	0.0560	9.15	<.0001	-1.35	0.04	-0.03	-0.13	0.01	0.02	-0.07	-0.02	0.05	-0.04	-0.01	0.11	0.08	-0.02	0.07	0.03
11134	20					1.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11135	15979	0.0174	0.0183	19.84	<.0001	-1.57	0.09	0.07	0.06	0.07	0.01	0.07	0.02	0.06	-0.01	0.07	0.10	0.03	0.01	-0.04	0.00
11137	1839	0.0774	0.0849	11.28	<.0001	-1.04	-0.08	-0.08	-0.16	-0.04	0.06	0.02	-0.04	0.02	-0.05	0.01	-0.03	0.03	-0.04	-0.03	-0.11
11143	97342	0.1349	0.1350	1012.79	<.0001	-1.67	0.48	0.52	0.41	0.00	0.04	0.05	0.09	0.07	0.13	0.13	0.11	0.05	0.06	0.04	-0.13
11148	85	0.2765	0.4057	3.14	0.0006	-0.78	-0.23	0.37	-0.07	0.01	-0.16	-0.02	-0.50	-0.25	-0.15	-0.82	0.03	-0.28	-0.28	-0.24	0.19
11149	18223	0.0378	0.0386	48.72	<.0001	-1.64	0.07	0.13	0.12	0.03	0.09	0.10	0.00	0.00	-0.02	-0.02	-0.07	-0.06	-0.02	-0.02	-0.05
11152	19					0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11156	43276	0.0320	0.0323	96.38	<.0001	-1.55	0.29	0.19	0.11	0.06	0.01	0.02	0.05	-0.03	-0.03	0.01	-0.01	-0.01	-0.03	-0.12	-0.03
11161	1028	0.1102	0.1231	9.48	<.0001	-0.81	-0.06	-0.27	-0.04	0.12	0.27	-0.04	0.03	0.05	-0.05	-0.22	-0.11	-0.12	-0.09	-0.09	-0.11
11163	1028	0.1102	0.1231	9.48	<.0001	-0.81	-0.06	-0.27	-0.04	0.12	0.27	-0.04	0.03	0.05	-0.05	-0.22	-0.11	-0.12	-0.09	-0.09	-0.11
11165	50					6.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11167	26153	0.0216	0.0222	39.48	<.0001	-1.55	0.04	0.07	0.05	0.07	0.07	0.10	0.00	-0.09	-0.08	-0.09	-0.09	-0.09	-0.06	0.07	0.08
11170	74076	0.0405	0.0407	209.22	<.0001	-1.99	0.02	-0.22	-0.12	0.04	-0.06	-0.03	-0.01	-0.03	0.02	0.01	0.02	-0.01	-0.04	-0.02	-0.05
11172	37038	0.0403	0.0407	104.59	<.0001	-1.99	0.02	-0.22	-0.12	0.04	-0.06	-0.03	-0.01	-0.03	0.02	0.01	0.02	-0.01	-0.04	-0.02	-0.05
11174	37961	0.0371	0.0375	98.47	<.0001	-2.00	0.04	-0.21	-0.10	0.05	-0.06	-0.03	-0.02	-0.02	0.01	0.01	0.02	0.01	-0.03	-0.02	-0.04
11178	15801	0.0162	0.0171	18.34	<.0001	-1.38	0.08	-0.06	0.00	0.01	-0.02	-0.06	-0.04	-0.03	-0.03	-0.04	-0.03	-0.02	-0.03	-0.02	-0.05
11191	3691	0.1406	0.1441	41.26	<.0001	-2.01	0.00	-0.18	-0.18	0.20	-0.03	-0.01	-0.04	0.05	0.00	0.00	0.04	0.01	0.08	0.02	0.03
11195	4312	0.0706	0.0738	22.83	<.0001	-1.06	0.10	-0.06	-0.10	0.03	-0.01	-0.06	-0.06	-0.01	-0.03	0.02	-0.03	-0.02	-0.01	-0.02	-0.03
11203	85	0.1979	0.3316	2.48	0.0065	3.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11205	53413	0.0116	0.0118	42.66	<.0001	-1.80	0.09	0.02	0.01	0.03	0.02	0.01	0.03	0.05	0.02	0.02	0.01	-0.02	-0.01	0.00	0.00
11209	4374	0.0175	0.0209	6.20	<.0001	-1.53	-0.04	0.03	-0.03	0.05	0.02	0.08	0.05	0.05	0.13	0.06	0.04	0.05	-0.04	-0.04	0.06
11213	13					0.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11215	2253	0.1564	0.1620	28.83	<.0001	0.32	0.88	1.46	1.71	0.02	0.22	-0.15	-0.11	0.00	-0.19	-0.21	-0.39	0.14	0.07	-0.16	-0.03
11216	20					1.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11233	368	0.3246	0.3522	12.76	<.0001	-1.20	0.23	0.37	0.17	0.15	-0.09	-0.02	-0.13	-0.11	-0.19	-0.03	0.05	0.04	0.06	-0.09	-0.03
11236	368	0.3246	0.3522	12.76	<.0001	-1.20	0.23	0.37	0.17	0.15	-0.09	-0.02	-0.13	-0.11	-0.19	-0.03	0.05	0.04	0.06	-0.09	-0.03
11241	5					0.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11246	87	0.0996	0.2567	1.63	0.0862	-0.37	0.15	0.08	0.16	-0.04	-0.11	0.09	0.04	0.09	0.01	-0.03	0.07	0.10	0.16	-0.17	0.00
11250	6517	0.0288	0.0310	13.86	<.0001	-1.28	0.16	0.07	0.19	0.14	-0.02	-0.06	0.00	-0.14	-0.11	-0.14	-0.14	-0.11	-0.21	0.01	-0.02
11251	15214	0.0896	0.0905	100.78	<.0001	-1.56	0.13	0.17	0.18	0.04	0.06	0.05	0.08	-0.03	-0.05	-0.08	-0.07	-0.07	-0.03	-0.01	0.00
11252	67668	0.0546	0.0548	261.42	<.0001	-1.69	0.10	-0.04	0.04	0.00	0.04	0.06	0.14	0.05	0.03	-0.01	-0.01	0.02	0.04	-0.02	-0.04
11253	18319	0.0785	0.0792	104.99	<.0001	-1.54	0.21	0.20	0.12	0.03	0.02	0.04	0.09	0.01	0.03	-0.02	-0.04	-0.01	0.04	-0.02	0.01
11260	42642	0.0218	0.0222	64.44	<.0001	-0.43	-0.07	-0.07	0.04	0.06	-0.03	-0.01	-0.04	-0.03	0.00	0.01	0.01	0.01	0.00	0.00	-0.01
11264	19549	0.0531	0.0538	74.06	<.0001	-0.53	-0.04	-0.23	-0.03	-0.05	0.00	-0.02	0.02	-0.01	0.00	0.00	-0.01	-0.03	-0.03	-0.04	-0.01
11268	11787	0.0415	0.0428	35.05	<.0001	-0.59	-0.15	-0.21	-0.15	0.05	0.05	0.07	-0.01	0.03	0.04	0.05	0.00	0.01	0.02	0.04	0.04
11272	530	0.2342	0.2559	11.78	<.0001	-1.19	-0.08	-0.18	-0.20	0.09	-0.08	-0.10	-0.07	0.01	-0.01	-0.09	0.03	0.06	0.01	0.06	-0.02
11278	108	0.8082	0.8333	33.20	<.0001	0.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11280	2256	0.1889	0.1943	36.01	<.0001	-1.09	0.04	-0.17	-0.20	-0.02	0.04	0.05	-0.03	-0.06	0.01	0.03	0.01	0.02	0.04	0.03	0.04
11282	35745	0.0407	0.0411	102.02	<.0001	-1.91	-0.10	-0.26	-0.16	0.06	-0.10	-0.02	0.02	0.08	0.08	0.07	0.09	0.09	0.04	-0.01	-0.02
11284	5524	0.0247	0.0274	10.33	<.0001	0.48	0.09	0.04	-0.12	0.06	-0.01	0.02	-0.01	-0.07	-0.10	-0.09	0.05	0.05	0.04	-0.06	-0.12
11287	2440	0.1412	0.1465	27.74	<.0001	-1.02	-0.31	-0.18	-0.27	0.04	0.03	0.08	0.01	0.06	-0.02	-0.05	0.08	0.04	0.01	0.03	0.06
11289	1220	0.1359	0.1465	13.78	<.0001	-1.02	-0.31	-0.18	-0.27	0.04	0.03	0.08	0.01	0.06	-0.02	-0.05	0.08	0.04	0.01	0.03	0.06
11291	27995	0.0411	0.0416	80.89	<.0001	-1.95	-0.02	-0.29	-0.14	0.06	-0.10	-0.05	-0.02	0.02	0.05	0.04	0.06	0.04	0.01	-0.04	-0.04
11297	69					0.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11298	2374	0.0173	0.0235	3.79	<.0001	-1.26	0.01	-0.01	-0.02	0.04	0.02	0.10	0.02	0.10	0.03	0.08	-0.11	0.02	0.13	0.08	0.05
11300	2821	0.0511	0.0561	11.11	<.0001	-0.49	-0.21	0.04	-0.17	0.02	0.08	0.07	0.03	0.20	0.02	0.11	-0.08	0.01	0.06	0.36	0.11
11302	442	0.3229	0.3459	15.02	<.0001	0.14	-0.43	-0.20	-0.27	0.00	0.17	0.11	0.06	0.18	0.09	0.13	0.10	0.15	0.00	0.08	-0.03
11304	2423	0.0226	0.0286	4.73	<.0001	-0.62	-0.06	-0.03	-0.08	-0.05	0.05	0.07	0.05	0.06	-0.04	0.06	-0.08	-0.09	0.04	0.30	0.13
11306	46900	0.0546	0.0549	181.69	<.0001	-1.97	0.02	-0.25	-0.04	0.03	-0.03	-0.01	-0.04	-0.02	0.01	0.02	0.03	0.00	-0.01	0.01	-0.01
11312	11609	0.0134	0.0147	11.52	<.0001	-1.43	0.03	-0.06	0.04	0.01	0.00	-0.01	-0.03	0.00	-0.02	-0.01	0.07	0.03	0.06	0.03	-0.02

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
11322	80228	0.0099	0.0101	54.38	<.0001	-1.21	0.04	-0.04	0.01	0.00	-0.02	0.01	-0.04	0.02	0.04	0.05	0.04	0.05	0.08	0.01	-0.03
11326	80228	0.0099	0.0101	54.38	<.0001	-1.21	0.04	-0.04	0.01	0.00	-0.02	0.01	-0.04	0.02	0.04	0.05	0.04	0.05	0.08	0.01	-0.03
11327	40114	0.0097	0.0101	27.18	<.0001	-1.21	0.04	-0.04	0.01	0.00	-0.02	0.01	-0.04	0.02	0.04	0.05	0.04	0.05	0.08	0.01	-0.03
11329	59					0.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11333	61510	0.0321	0.0323	136.90	<.0001	-1.42	0.14	0.02	-0.02	0.00	0.10	0.12	0.13	0.05	0.07	0.03	0.03	-0.01	-0.04	-0.02	-0.01
11344	6479	0.0790	0.0811	38.05	<.0001	-1.36	-0.34	-0.32	-0.42	0.00	0.06	0.11	0.23	0.07	0.29	0.32	0.32	0.31	0.29	0.06	0.11
11345	6479	0.0790	0.0811	38.05	<.0001	-1.36	-0.34	-0.32	-0.42	0.00	0.06	0.11	0.23	0.07	0.29	0.32	0.32	0.31	0.29	0.06	0.11
11352	115017	0.0800	0.0801	667.81	<.0001	-2.53	0.12	-0.11	0.09	0.23	-0.10	-0.09	-0.07	0.00	0.05	0.10	0.16	0.17	0.07	0.03	-0.02
11354	115017	0.0800	0.0801	667.81	<.0001	-2.53	0.12	-0.11	0.09	0.23	-0.10	-0.09	-0.07	0.00	0.05	0.10	0.16	0.17	0.07	0.03	-0.02
11359	45864	0.0248	0.0252	78.86	<.0001	-1.63	0.10	-0.03	-0.08	0.04	0.00	-0.04	-0.02	-0.01	-0.02	0.00	0.01	-0.01	-0.01	0.03	0.03
11378	15915	0.0248	0.0257	28.01	<.0001	-0.44	-0.14	-0.25	-0.26	0.02	0.01	0.02	0.00	-0.04	-0.03	0.00	0.03	0.02	0.02	0.03	0.01
11382	486	0.0601	0.0892	3.07	<.0001	-0.50	-0.06	-0.05	-0.14	-0.03	-0.04	0.11	-0.02	-0.19	-0.08	0.25	0.04	0.06	-0.06	0.00	0.06
11390	45864	0.0248	0.0252	78.86	<.0001	-1.63	0.10	-0.03	-0.08	0.04	0.00	-0.04	-0.02	-0.01	-0.02	0.00	0.01	-0.01	-0.01	0.03	0.03
11398	175	0.1731	0.2444	3.43	<.0001	-0.92	-0.22	-0.27	-0.74	-0.21	0.19	0.11	-0.17	0.06	0.19	-0.02	-0.25	-0.40	-0.22	-0.05	0.43
11400	5					0.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11402	45864	0.0248	0.0252	78.86	<.0001	-1.63	0.10	-0.03	-0.08	0.04	0.00	-0.04	-0.02	-0.01	-0.02	0.00	0.01	-0.01	-0.01	0.03	0.03
11413	3437	0.1389	0.1426	37.94	<.0001	-1.32	0.02	-0.14	-0.26	0.06	-0.03	-0.06	0.01	-0.06	0.04	0.05	0.03	0.06	-0.02	0.00	0.01
11422	42					0.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11424	5830	0.0248	0.0273	10.88	<.0001	-1.71	0.01	-0.05	0.02	0.02	0.02	0.12	-0.01	0.13	0.13	0.14	0.13	0.20	0.05	0.01	-0.02
11429	11670	0.2141	0.2151	212.91	<.0001	-2.06	0.47	0.39	0.49	0.00	0.09	0.06	0.00	0.04	0.03	0.06	0.07	0.02	0.08	0.12	0.05
11430	11670	0.2141	0.2151	212.91	<.0001	-2.06	0.47	0.39	0.49	0.00	0.09	0.06	0.00	0.04	0.03	0.06	0.07	0.02	0.08	0.12	0.05
11439	7966	0.1273	0.1290	78.46	<.0001	-1.64	-0.37	-0.28	-0.37	0.05	-0.01	0.01	0.06	0.07	-0.02	0.05	0.01	0.02	0.03	0.05	0.08
11452	8298	0.1459	0.1475	95.50	<.0001	-1.24	1.05	0.46	0.52	0.04	-0.12	0.07	0.08	0.11	0.03	0.14	0.03	0.08	0.04	-0.08	0.04
11457	10462	0.1317	0.1329	106.76	<.0001	-1.29	0.56	0.53	0.53	-0.01	-0.02	-0.07	-0.02	-0.04	-0.06	-0.03	0.01	-0.06	-0.05	-0.07	-0.01
11459	11888	0.0866	0.0877	76.09	<.0001	-1.70	-0.14	-0.31	-0.27	0.05	0.03	0.01	0.02	0.03	0.02	0.01	-0.04	0.07	0.05	0.02	0.00
11463	10312	0.0399	0.0413	29.57	<.0001	-1.21	-0.13	-0.03	-0.15	0.03	-0.05	-0.03	-0.03	0.00	-0.04	-0.01	-0.01	-0.03	-0.01	-0.01	-0.03
11467	280	0.1005	0.1457	3.23	<.0001	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11471	140	0.0500	0.1457	1.52	0.1123	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11473	280	0.1005	0.1457	3.23	<.0001	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11477	18223	0.0378	0.0386	48.72	<.0001	-1.64	0.07	0.13	0.12	0.03	0.09	0.10	0.00	0.00	-0.02	-0.02	-0.07	-0.06	-0.02	-0.02	-0.05
11479	292	0.4605	0.4884	17.56	<.0001	-0.73	-0.58	-0.38	-0.56	0.08	-0.23	0.09	-0.19	0.01	-0.21	0.03	-0.10	-0.02	0.00	0.04	0.00
11489	280	0.1005	0.1457	3.23	<.0001	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11492	280	0.1005	0.1457	3.23	<.0001	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11501	12					0.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11507	43816	0.0959	0.0963	310.99	<.0001	-1.96	0.00	-0.10	-0.12	0.01	0.10	0.18	0.09	0.09	0.16	0.20	0.21	0.26	0.19	0.15	-0.13
11512	6053	0.1185	0.1207	55.25	<.0001	-1.76	-0.14	-0.19	-0.22	0.02	0.03	0.07	0.09	0.04	0.10	0.13	0.18	0.11	0.14	0.05	-0.10
11527	69312	0.0313	0.0315	150.46	<.0001	-1.13	0.05	-0.03	-0.05	0.04	0.02	-0.11	-0.06	-0.06	-0.11	-0.11	-0.17	-0.21	-0.22	-0.17	-0.03
11529	139170	0.0263	0.0264	251.79	<.0001	-1.12	0.13	0.04	0.02	0.04	-0.02	-0.12	-0.06	-0.09	-0.12	-0.10	-0.16	-0.21	-0.20	-0.16	-0.01
11531	7354	0.0482	0.0502	25.84	<.0001	-1.87	-0.17	-0.14	-0.16	0.04	-0.03	-0.07	-0.03	-0.06	-0.01	0.02	0.01	0.05	0.04	0.03	-0.01
11533	7354	0.0482	0.0502	25.84	<.0001	-1.87	-0.17	-0.14	-0.16	0.04	-0.03	-0.07	-0.03	-0.06	-0.01	0.02	0.01	0.05	0.04	0.03	-0.01
11540	8304	0.1042	0.1059	65.42	<.0001	-2.18	-0.13	-0.39	-0.34	0.03	-0.03	-0.01	0.04	0.06	0.05	0.08	0.03	0.03	0.01	0.03	0.03
11546	13315	0.0325	0.0335	30.77	<.0001	-1.21	-0.10	-0.11	-0.14	0.03	-0.07	-0.03	-0.05	-0.04	-0.03	-0.05	-0.03	-0.01	-0.02	-0.05	-0.03
11547	2340	0.2295	0.2345	47.45	<.0001	-1.76	-0.38	-0.07	0.00	0.01	-0.22	-0.09	-0.03	-0.11	-0.02	-0.10	-0.05	-0.04	-0.09	-0.12	-0.03
11549	30720	0.0200	0.0204	42.69	<.0001	-2.00	-0.08	-0.06	-0.13	-0.02	-0.04	-0.02	-0.02	0.00	-0.03	0.00	-0.01	-0.01	-0.01	-0.02	0.01
11557	89831	0.0190	0.0191	116.82	<.0001	-1.49	-0.12	-0.18	-0.16	0.01	-0.06	-0.05	-0.08	-0.05	-0.05	-0.04	-0.05	-0.04	-0.03	-0.06	-0.01
11564	3266	0.1079	0.1120	27.33	<.0001	-1.60	-0.34	-0.02	-0.06	-0.02	-0.09	0.01	-0.04	-0.02	-0.07	0.03	-0.03	-0.13	-0.02	-0.05	-0.13
11565	3266	0.1079	0.1120	27.33	<.0001	-1.60	-0.34	-0.02	-0.06	-0.02	-0.09	0.01	-0.04	-0.02	-0.07	0.03	-0.03	-0.13	-0.02	-0.05	-0.13
11566	6532	0.1100	0.1120	54.79	<.0001	-1.60	-0.34	-0.02	-0.06	-0.02	-0.09	0.01	-0.04	-0.02	-0.07	0.03	-0.03	-0.13	-0.02	-0.05	-0.13
11568	474	0.2593	0.2828	12.04	<.0001	-0.32	1.42	0.17	-0.11	-0.34	-0.14	-0.47	-0.40	-0.19	0.05	-0.21	-0.32	-0.83	-0.69	0.20	0.05
11574	700	0.3234	0.3379	23.27	<.0001	-1.06	-0.29	-0.37	-0.42	0.02	0.06	0.09	0.09	-0.04	0.19	0.03	0.16	0.03	0.06	0.17	0.11
11578	23183	0.0485	0.0491	79.73	<.0001	-1.66	-0.17	-0.21	-0.21	0.01	-0.02	0.03	0.02	0.03	0.00	0.01	-0.02	0.02	-0.02	0.03	0.03
11581	8172	0.0374	0.0392	22.17	<.0001	-1.87	-0.01	-0.24	-0.11	-0.02	-0.01	0.02	0.03	0.01	0.07	0.03	0.09	0.03	-0.01	-0.06	-0.03
11583	19204	0.0137	0.0144	18.72	<.0001	-1.55	0.05	0.03	0.03	0.03	0.03	0.03	-0.05	-0.01	0.01	-0.01	0.01	-0.01	0.04	0.04	-0.05
11588	11					1.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
11590	3719	0.0431	0.0470	12.16	<.0001	-1.00	-0.08	-0.14	0.02	0.00	0.00	0.00	-0.01	-0.02	0.00	-0.07	-0.04	0.01	-0.01	-0.04	-0.06
11591	85	0.1979	0.3316	2.48	0.0065	3.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11601	43914	0.0964	0.0967	313.24	<.0001	-1.96	-0.01	-0.10	-0.12	0.01	0.10	0.18	0.10	0.09	0.16	0.20	0.21	0.26	0.19	0.15	-0.13
11602	21957	0.0961	0.0967	156.56	<.0001	-1.96	-0.01	-0.10	-0.12	0.01	0.10	0.18	0.10	0.09	0.16	0.20	0.21	0.26	0.19	0.15	-0.13
11603	42					0.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11641	30429	0.0526	0.0530	113.57	<.0001	-1.69	0.04	0.04	0.10	0.04	0.10	0.13	0.05	0.07	0.05	0.05	0.01	-0.01	-0.03	-0.18	-0.11
11643	24680	0.0913	0.0919	166.39	<.0001	-1.75	0.02	-0.01	0.08	0.06	0.09	0.14	0.10	0.16	0.14	0.15	0.12	0.04	-0.03	-0.24	-0.11
11645	6053	0.1185	0.1207	55.25	<.0001	-1.76	-0.14	-0.19	-0.22	0.02	0.03	0.07	0.09	0.04	0.10	0.13	0.18	0.11	0.14	0.05	-0.10
11655	526	0.2167	0.2391	10.69	<.0001	-1.09	0.29	0.14	0.19	-0.01	0.12	0.15	0.21	0.15	0.06	0.00	0.03	0.16	0.24	0.07	-0.03
11669	19					0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11670	7370	0.0651	0.0670	35.21	<.0001	-1.37	0.45	0.23	0.17	-0.02	0.17	0.07	0.05	0.10	0.15	0.10	0.08	0.06	-0.13	0.06	0.10
11715	5712	0.0402	0.0427	16.95	<.0001	-1.57	-0.16	-0.28	-0.27	-0.01	0.00	0.00	0.07	0.02	0.04	-0.01	0.01	0.01	0.05	0.07	0.07
11722	32174	0.0768	0.0772	179.41	<.0001	-1.25	-0.12	-0.17	-0.22	0.03	0.13	0.19	-0.02	0.00	-0.02	0.01	-0.03	-0.10	-0.01	0.00	-0.01
11726	91410	0.0390	0.0391	248.11	<.0001	-2.07	0.03	-0.18	-0.09	0.04	-0.03	0.00	0.01	0.02	0.03	0.04	0.04	0.03	-0.02	0.02	-0.02
11727	91410	0.0390	0.0391	248.11	<.0001	-2.07	0.03	-0.18	-0.09	0.04	-0.03	0.00	0.01	0.02	0.03	0.04	0.04	0.03	-0.02	0.02	-0.02
11758	5356	0.1058	0.1083	43.24	<.0001	-1.97	0.00	-0.37	-0.17	0.00	0.09	0.14	0.10	0.14	0.12	0.18	0.10	0.17	0.10	0.13	0.11
11812	23450	0.0543	0.0549	90.81	<.0001	-1.97	0.02	-0.25	-0.04	0.03	-0.03	-0.01	-0.04	-0.02	0.01	0.02	0.03	0.00	-0.01	0.01	-0.01
11816	46900	0.0546	0.0549	181.69	<.0001	-1.97	0.02	-0.25	-0.04	0.03	-0.03	-0.01	-0.04	-0.02	0.01	0.02	0.03	0.00	-0.01	0.01	-0.01
11819	7362	0.0621	0.0640	33.47	<.0001	-1.38	0.43	0.23	0.17	-0.02	0.18	0.08	0.06	0.12	0.16	0.12	0.09	0.07	-0.12	0.07	0.10
11820	59					0.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11821	62782	0.0234	0.0237	101.41	<.0001	-1.38	0.11	0.02	-0.04	0.00	0.09	0.12	0.13	0.06	0.07	0.04	0.04	0.00	-0.04	-0.02	-0.01
11887	12978	0.0322	0.0333	29.78	<.0001	-1.21	-0.11	-0.11	-0.14	0.03	-0.07	-0.03	-0.04	-0.04	-0.02	-0.04	-0.03	-0.01	-0.02	-0.04	-0.03
11888	2340	0.2295	0.2345	47.45	<.0001	-1.76	-0.38	-0.07	0.00	0.01	-0.22	-0.09	-0.03	-0.11	-0.02	-0.10	-0.05	-0.04	-0.09	-0.12	-0.03
11900	52306	0.0219	0.0222	78.99	<.0001	-1.55	0.04	0.07	0.05	0.07	0.07	0.10	0.00	-0.09	-0.08	-0.09	-0.09	-0.09	-0.06	0.07	0.08
11903	74076	0.0405	0.0407	209.22	<.0001	-1.99	0.02	-0.22	-0.12	0.04	-0.06	-0.03	-0.01	-0.03	0.02	0.01	0.02	-0.01	-0.04	-0.02	-0.05
11905	37961	0.0371	0.0375	98.47	<.0001	-2.00	0.04	-0.21	-0.10	0.05	-0.06	-0.03	-0.02	-0.02	0.01	0.01	0.02	0.01	-0.03	-0.02	-0.04
11906	10772	0.0463	0.0477	35.89	<.0001	-2.03	-0.13	-0.28	-0.20	0.04	0.03	0.02	0.02	0.03	0.02	0.10	0.06	0.05	0.05	0.03	0.00
11910	31602	0.0167	0.0171	36.70	<.0001	-1.38	0.08	-0.06	0.00	0.01	-0.02	-0.06	-0.04	-0.03	-0.03	-0.04	-0.03	-0.02	-0.03	-0.02	-0.05
11917	406	0.5385	0.5556	32.51	<.0001	-0.52	-0.58	-0.87	-0.61	0.01	-0.07	-0.24	-0.20	-0.07	-0.05	-0.11	-0.09	-0.14	-0.02	-0.11	-0.07
11935	33824	0.0441	0.0446	105.13	<.0001	-1.70	-0.02	-0.14	-0.12	0.03	-0.04	-0.05	-0.03	-0.05	-0.10	-0.07	-0.09	-0.05	-0.04	0.01	0.02
11937	64					0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11940	886	0.0851	0.1006	6.49	<.0001	-1.08	-0.10	-0.17	0.17	0.00	0.06	-0.05	-0.11	0.02	-0.10	-0.07	-0.01	-0.08	0.17	-0.13	-0.06
11941	247	0.0960	0.1511	2.74	0.0007	-1.65	0.16	0.73	0.19	-0.13	0.02	-0.14	0.04	0.41	0.01	0.08	-0.14	0.19	0.18	0.38	0.21
11942	5212	0.0309	0.0337	12.09	<.0001	-0.99	-0.10	-0.17	-0.16	0.05	-0.03	-0.12	-0.11	-0.04	-0.08	-0.05	0.00	-0.02	-0.03	-0.02	0.00
11943	2679	0.1309	0.1357	27.88	<.0001	0.19	-0.30	-0.03	-0.21	0.02	0.04	0.04	0.05	0.06	0.05	0.08	0.05	0.13	0.09	0.11	0.05
11945	6810	0.0977	0.0997	50.14	<.0001	-0.80	-0.33	-0.28	-0.28	-0.01	0.00	-0.05	-0.05	-0.03	-0.05	-0.09	-0.02	-0.01	-0.02	0.00	0.04
11946	29142	0.0190	0.0195	38.54	<.0001	-1.21	-0.04	-0.14	-0.16	0.00	-0.07	-0.06	-0.04	-0.08	-0.06	-0.07	-0.04	-0.05	-0.06	0.00	0.00
11948	64					0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11949	33824	0.0441	0.0446	105.13	<.0001	-1.70	-0.02	-0.14	-0.12	0.03	-0.04	-0.05	-0.03	-0.05	-0.10	-0.07	-0.09	-0.05	-0.04	0.01	0.02
11954	69312	0.0313	0.0315	150.46	<.0001	-1.13	0.05	-0.03	-0.05	0.04	0.02	-0.11	-0.06	-0.06	-0.11	-0.11	-0.17	-0.21	-0.22	-0.17	-0.03
11955	69312	0.0313	0.0315	150.46	<.0001	-1.13	0.05	-0.03	-0.05	0.04	0.02	-0.11	-0.06	-0.06	-0.11	-0.11	-0.17	-0.21	-0.22	-0.17	-0.03
11959	6428	0.0288	0.0311	13.72	<.0001	-1.28	0.17	0.08	0.19	0.14	-0.02	-0.06	0.00	-0.14	-0.11	-0.14	-0.14	-0.11	-0.21	0.01	-0.02
11962	69312	0.0313	0.0315	150.46	<.0001	-1.13	0.05	-0.03	-0.05	0.04	0.02	-0.11	-0.06	-0.06	-0.11	-0.11	-0.17	-0.21	-0.22	-0.17	-0.03
11963	30					0.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11965	31958	0.0178	0.0183	39.69	<.0001	-1.57	0.09	0.07	0.06	0.07	0.01	0.07	0.02	0.06	-0.01	0.07	0.10	0.03	0.01	-0.04	0.00
11969	45303	0.0684	0.0687	222.66	<.0001	-1.54	0.12	0.18	0.36	0.11	0.01	0.06	-0.05	-0.05	-0.04	0.00	0.00	-0.04	0.01	-0.02	-0.04
11976	7748	0.0698	0.0716	39.73	<.0001	-1.38	0.49	0.23	0.16	-0.01	0.18	0.08	0.07	0.15	0.16	0.11	0.11	0.09	-0.11	0.08	0.11
11977	7748	0.0698	0.0716	39.73	<.0001	-1.38	0.49	0.23	0.16	-0.01	0.18	0.08	0.07	0.15	0.16	0.11	0.11	0.09	-0.11	0.08	0.11
12014	1097	0.0443	0.0573	4.38	<.0001	0.36	0.02	-0.07	-0.07	0.09	-0.16	-0.25	-0.23	-0.16	-0.12	-0.13	-0.11	-0.17	-0.10	-0.21	-0.16
12016	163	0.2845	0.3508	5.30	<.0001	-0.68	0.30	0.09	0.15	0.17	0.36	0.19	0.25	0.35	0.40	0.39	0.24	0.07	0.44	0.38	0.21
12023	253	0.0359	0.0932	1.62	0.0681	1.76	0.36	-0.15	-0.10	0.01	-0.03	-0.18	-0.26	-0.37	-0.04	0.14	-0.07	-0.12	-0.06	-0.22	-0.19
12029	253	0.0359	0.0932	1.62	0.0681	1.76	0.36	-0.15	-0.10	0.01	-0.03	-0.18	-0.26	-0.37	-0.04	0.14	-0.07	-0.12	-0.06	-0.22	-0.19
12036	9053	0.0478	0.0494	31.29	<.0001	-0.73	0.18	-0.09	0.12	0.00	0.05	0.02	0.00	0.00	0.01	0.03	0.03	0.00	0.02	0.01	-0.02
12037	9053	0.0478	0.0494	31.29	<.0001	-0.73	0.18	-0.09	0.12	0.00	0.05	0.02	0.00	0.00	0.01	0.03	0.03	0.00	0.02	0.01	-0.02

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
12038	9053	0.0478	0.0494	31.29	<.0001	-0.73	0.18	-0.09	0.12	0.00	0.05	0.02	0.00	0.00	0.01	0.03	0.03	0.00	0.02	0.01	-0.02
12061	8631	0.0257	0.0274	16.17	<.0001	0.05	0.11	0.14	0.16	0.03	-0.09	-0.03	0.00	0.06	0.12	0.03	0.07	0.09	-0.03	-0.13	-0.08
12062	2180	0.0680	0.0744	11.60	<.0001	-0.23	0.15	0.23	0.31	0.00	-0.07	0.06	0.09	0.24	0.08	0.09	0.19	0.22	0.05	-0.09	-0.01
12063	8631	0.0257	0.0274	16.17	<.0001	0.05	0.11	0.14	0.16	0.03	-0.09	-0.03	0.00	0.06	0.12	0.03	0.07	0.09	-0.03	-0.13	-0.08
12065	1282	0.1160	0.1264	12.21	<.0001	-0.63	0.18	0.08	0.31	0.08	0.05	0.13	0.27	0.33	0.32	0.34	0.30	0.39	0.20	0.17	0.16
12071	1861	0.0191	0.0270	3.41	<.0001	0.14	0.05	0.11	0.06	0.00	-0.06	0.04	0.01	0.07	0.10	-0.04	0.11	-0.01	0.03	0.04	-0.05
12078	239	0.2287	0.2773	5.70	<.0001	-0.76	0.01	0.29	-0.05	-0.03	-0.02	0.37	0.47	0.41	0.64	0.48	0.74	0.72	0.60	0.44	0.23
12085	14082	0.0067	0.0077	7.31	<.0001	0.09	-0.02	-0.05	-0.02	-0.04	-0.02	0.03	0.04	0.02	0.01	-0.02	0.04	0.02	0.02	0.00	-0.02
12086	14082	0.0067	0.0077	7.31	<.0001	0.09	-0.02	-0.05	-0.02	-0.04	-0.02	0.03	0.04	0.02	0.01	-0.02	0.04	0.02	0.02	0.00	-0.02
12104	195	0.4198	0.4646	10.36	<.0001	-0.49	-0.28	-0.18	-0.53	0.11	0.03	-0.24	0.19	0.01	0.14	0.09	0.25	-0.26	0.02	-0.08	-0.09
12109	195	0.4198	0.4646	10.36	<.0001	-0.49	-0.28	-0.18	-0.53	0.11	0.03	-0.24	0.19	0.01	0.14	0.09	0.25	-0.26	0.02	-0.08	-0.09
12116	5587	0.0577	0.0602	23.79	<.0001	-0.85	-0.10	-0.12	-0.22	-0.04	-0.06	0.01	0.00	-0.03	-0.03	0.01	-0.05	-0.05	-0.03	-0.09	-0.03
12117	5587	0.0577	0.0602	23.79	<.0001	-0.85	-0.10	-0.12	-0.22	-0.04	-0.06	0.01	0.00	-0.03	-0.03	0.01	-0.05	-0.05	-0.03	-0.09	-0.03
12120	305	0.2964	0.3312	9.54	<.0001	-0.88	-0.02	-0.08	-0.02	0.25	-0.36	0.56	0.54	1.02	0.64	0.41	0.31	0.22	0.57	0.19	0.14
12142	6933	0.0529	0.0549	26.80	<.0001	0.25	0.03	-0.02	-0.06	-0.09	0.10	0.27	0.22	0.26	0.25	0.11	0.26	0.31	0.16	0.12	-0.01
12147	527	-0.0012	0.0273	0.96	0.4993	1.01	0.04	0.06	0.17	-0.07	0.05	0.11	0.08	-0.08	0.05	-0.05	0.04	-0.06	0.00	-0.07	-0.01
12152	6677	0.0129	0.0152	6.84	<.0001	-0.40	0.04	0.00	0.06	0.04	-0.07	-0.03	-0.05	0.04	0.01	0.00	0.03	-0.03	-0.04	-0.03	-0.01
12154	1561	0.0584	0.0674	7.45	<.0001	-0.57	-0.01	0.14	0.25	0.03	0.00	0.17	0.44	0.33	0.29	0.32	0.27	0.53	0.25	0.12	0.05
12155	1591	0.0985	0.1070	12.59	<.0001	-0.70	0.05	0.11	0.13	0.04	0.03	0.30	0.33	0.32	0.31	0.48	0.47	0.49	0.33	0.18	0.08
12166	46					0.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12179	195	0.4198	0.4646	10.36	<.0001	-0.49	-0.28	-0.18	-0.53	0.11	0.03	-0.24	0.19	0.01	0.14	0.09	0.25	-0.26	0.02	-0.08	-0.09
12201	253	0.0359	0.0932	1.62	0.0681	1.76	0.36	-0.15	-0.10	0.01	-0.03	-0.18	-0.26	-0.37	-0.04	0.14	-0.07	-0.12	-0.06	-0.22	-0.19
12220	253	0.0359	0.0932	1.62	0.0681	1.76	0.36	-0.15	-0.10	0.01	-0.03	-0.18	-0.26	-0.37	-0.04	0.14	-0.07	-0.12	-0.06	-0.22	-0.19
12516	883	0.0643	0.0802	5.04	<.0001	0.42	0.04	-0.09	-0.09	0.09	-0.19	-0.27	-0.23	-0.18	-0.11	-0.09	-0.12	-0.17	-0.12	-0.20	-0.15
12529	253	0.0359	0.0932	1.62	0.0681	1.76	0.36	-0.15	-0.10	0.01	-0.03	-0.18	-0.26	-0.37	-0.04	0.14	-0.07	-0.12	-0.06	-0.22	-0.19
12537	8064	0.0501	0.0518	29.33	<.0001	-0.68	0.15	-0.12	0.09	0.00	0.06	0.03	-0.01	-0.03	0.00	0.01	0.02	0.00	0.00	0.01	-0.03
12538	8064	0.0501	0.0518	29.33	<.0001	-0.68	0.15	-0.12	0.09	0.00	0.06	0.03	-0.01	-0.03	0.00	0.01	0.02	0.00	0.00	0.01	-0.03
12563	2964	0.0493	0.0541	11.25	<.0001	0.12	-0.06	-0.06	-0.06	0.11	-0.11	-0.05	-0.04	0.04	0.19	0.06	0.20	0.10	0.06	0.04	0.04
12565	2964	0.0493	0.0541	11.25	<.0001	0.12	-0.06	-0.06	-0.06	0.11	-0.11	-0.05	-0.04	0.04	0.19	0.06	0.20	0.10	0.06	0.04	0.04
12585	11577	0.0075	0.0088	6.81	<.0001	0.08	-0.01	-0.05	-0.01	-0.04	-0.01	0.01	0.03	0.01	0.02	-0.03	0.04	0.02	0.02	-0.01	-0.03
12586	11577	0.0075	0.0088	6.81	<.0001	0.08	-0.01	-0.05	-0.01	-0.04	-0.01	0.01	0.03	0.01	0.02	-0.03	0.04	0.02	0.02	-0.01	-0.03
12632	1134	0.0960	0.1080	9.02	<.0001	0.89	-0.12	-0.18	-0.17	-0.16	0.23	0.30	0.12	0.13	0.16	0.25	0.17	0.20	0.03	0.05	-0.03
12635	10320	0.0077	0.0091	6.34	<.0001	-0.12	0.01	-0.06	-0.04	-0.01	0.01	0.02	0.03	0.00	0.02	0.01	0.01	-0.02	-0.02	0.00	-0.02
12637	10320	0.0077	0.0091	6.34	<.0001	-0.12	0.01	-0.06	-0.04	-0.01	0.01	0.02	0.03	0.00	0.02	0.01	0.01	-0.02	-0.02	0.00	-0.02
12638	10320	0.0077	0.0091	6.34	<.0001	-0.12	0.01	-0.06	-0.04	-0.01	0.01	0.02	0.03	0.00	0.02	0.01	0.01	-0.02	-0.02	0.00	-0.02
12695	113	0.2940	0.3886	4.11	<.0001	-0.01	0.11	0.51	0.21	0.14	0.11	0.03	0.00	-0.02	-0.09	0.05	0.08	0.21	0.12	0.03	-0.01
13003	48126	0.0275	0.0278	91.74	<.0001	-0.58	0.10	-0.03	0.02	-0.04	0.04	0.07	0.05	0.05	0.02	-0.01	-0.06	-0.05	-0.01	-0.04	-0.02
13011	48126	0.0275	0.0278	91.74	<.0001	-0.58	0.10	-0.03	0.02	-0.04	0.04	0.07	0.05	0.05	0.02	-0.01	-0.06	-0.05	-0.01	-0.04	-0.02
13019	48126	0.0275	0.0278	91.74	<.0001	-0.58	0.10	-0.03	0.02	-0.04	0.04	0.07	0.05	0.05	0.02	-0.01	-0.06	-0.05	-0.01	-0.04	-0.02
13021	5476	0.0871	0.0896	35.84	<.0001	-0.80	0.09	0.07	-0.06	-0.03	0.16	0.01	-0.24	-0.10	-0.23	-0.19	-0.15	-0.04	0.12	0.02	0.21
13023	5476	0.0871	0.0896	35.84	<.0001	-0.80	0.09	0.07	-0.06	-0.03	0.16	0.01	-0.24	-0.10	-0.23	-0.19	-0.15	-0.04	0.12	0.02	0.21
13049	17010	0.0099	0.0108	12.39	<.0001	-0.78	-0.01	0.01	0.01	-0.02	0.00	-0.01	-0.02	0.03	-0.02	-0.03	-0.13	-0.01	-0.08	0.00	0.01
13057	17010	0.0099	0.0108	12.39	<.0001	-0.78	-0.01	0.01	0.01	-0.02	0.00	-0.01	-0.02	0.03	-0.02	-0.03	-0.13	-0.01	-0.08	0.00	0.01
13059	34020	0.0104	0.0108	24.80	<.0001	-0.78	-0.01	0.01	0.01	-0.02	0.00	-0.01	-0.02	0.03	-0.02	-0.03	-0.13	-0.01	-0.08	0.00	0.01
13061	17010	0.0099	0.0108	12.39	<.0001	-0.78	-0.01	0.01	0.01	-0.02	0.00	-0.01	-0.02	0.03	-0.02	-0.03	-0.13	-0.01	-0.08	0.00	0.01
13065	2277	0.0732	0.0793	12.98	<.0001	-0.22	0.16	-0.04	-0.13	0.06	-0.18	-0.04	0.06	-0.04	-0.07	-0.06	-0.28	-0.02	-0.01	-0.01	0.04
13068	3915	0.0735	0.0771	21.70	<.0001	-0.21	0.20	-0.07	-0.12	0.04	-0.14	-0.07	0.00	-0.07	-0.06	-0.09	-0.17	-0.03	-0.07	-0.07	0.00
13071	28772	0.0253	0.0259	50.88	<.0001	-0.29	0.25	-0.03	0.02	-0.01	-0.12	-0.13	-0.07	-0.05	-0.10	-0.02	-0.04	-0.03	-0.05	-0.11	-0.03
13083	24725	0.0127	0.0133	22.22	<.0001	-0.31	0.16	-0.03	0.02	0.01	-0.15	-0.15	-0.10	-0.06	-0.13	-0.03	-0.04	-0.05	-0.04	-0.13	-0.03
13099	24725	0.0127	0.0133	22.22	<.0001	-0.31	0.16	-0.03	0.02	0.01	-0.15	-0.15	-0.10	-0.06	-0.13	-0.03	-0.04	-0.05	-0.04	-0.13	-0.03
13111	24725	0.0127	0.0133	22.22	<.0001	-0.31	0.16	-0.03	0.02	0.01	-0.15	-0.15	-0.10	-0.06	-0.13	-0.03	-0.04	-0.05	-0.04	-0.13	-0.03
13132	28772	0.0253	0.0259	50.88	<.0001	-0.29	0.25	-0.03	0.02	-0.01	-0.12	-0.13	-0.07	-0.05	-0.10	-0.02	-0.04	-0.03	-0.05	-0.11	-0.03
13147	10101	0.0221	0.0236	16.24	<.0001	-0.84	0.13	-0.03	-0.02	-0.05	-0.01	-0.08	-0.02	-0.03	-0.05	0.00	0.01	0.03	-0.01	-0.11	0.00
13149	28772	0.0253	0.0259	50.88	<.0001	-0.29	0.25	-0.03	0.02	-0.01	-0.12	-0.13	-0.07	-0.05	-0.10	-0.02	-0.04	-0.03	-0.05	-0.11	-0.03

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
13151	31590	0.0337	0.0342	74.54	<.0001	-0.58	0.11	-0.04	0.02	-0.05	0.05	0.06	0.05	0.05	0.01	-0.02	-0.08	-0.06	-0.02	-0.04	-0.01
13153	31590	0.0337	0.0342	74.54	<.0001	-0.58	0.11	-0.04	0.02	-0.05	0.05	0.06	0.05	0.05	0.01	-0.02	-0.08	-0.06	-0.02	-0.04	-0.01
13155	31590	0.0337	0.0342	74.54	<.0001	-0.58	0.11	-0.04	0.02	-0.05	0.05	0.06	0.05	0.05	0.01	-0.02	-0.08	-0.06	-0.02	-0.04	-0.01
13191	28211	0.0287	0.0293	56.65	<.0001	-0.59	0.10	-0.04	0.02	-0.05	0.05	0.06	0.04	0.05	0.01	-0.02	-0.08	-0.06	-0.03	-0.05	-0.02
13193	28211	0.0287	0.0293	56.65	<.0001	-0.59	0.10	-0.04	0.02	-0.05	0.05	0.06	0.04	0.05	0.01	-0.02	-0.08	-0.06	-0.03	-0.05	-0.02
13195	56422	0.0290	0.0293	113.33	<.0001	-0.59	0.10	-0.04	0.02	-0.05	0.05	0.06	0.04	0.05	0.01	-0.02	-0.08	-0.06	-0.03	-0.05	-0.02
13199	56422	0.0290	0.0293	113.33	<.0001	-0.59	0.10	-0.04	0.02	-0.05	0.05	0.06	0.04	0.05	0.01	-0.02	-0.08	-0.06	-0.03	-0.05	-0.02
13201	56422	0.0290	0.0293	113.33	<.0001	-0.59	0.10	-0.04	0.02	-0.05	0.05	0.06	0.04	0.05	0.01	-0.02	-0.08	-0.06	-0.03	-0.05	-0.02
13203	56422	0.0290	0.0293	113.33	<.0001	-0.59	0.10	-0.04	0.02	-0.05	0.05	0.06	0.04	0.05	0.01	-0.02	-0.08	-0.06	-0.03	-0.05	-0.02
13214	48126	0.0275	0.0278	91.74	<.0001	-0.58	0.10	-0.03	0.02	-0.04	0.04	0.07	0.05	0.05	0.02	-0.01	-0.06	-0.05	-0.01	-0.04	-0.02
13261	33028	0.0282	0.0287	64.95	<.0001	-0.32	0.14	0.03	0.00	-0.03	-0.05	-0.03	0.06	0.05	0.03	0.00	-0.03	-0.01	-0.08	-0.05	-0.07
13275	18235	0.0293	0.0301	37.68	<.0001	0.13	0.15	0.02	0.01	-0.03	0.01	0.09	0.02	0.11	0.08	0.12	0.09	0.05	0.06	-0.05	0.00
13318	2338	0.0377	0.0439	7.10	<.0001	-1.22	0.16	0.05	0.07	-0.06	0.14	0.00	0.04	0.06	0.00	-0.03	0.06	0.12	0.13	-0.03	0.07
13325	2338	0.0377	0.0439	7.10	<.0001	-1.22	0.16	0.05	0.07	-0.06	0.14	0.00	0.04	0.06	0.00	-0.03	0.06	0.12	0.13	-0.03	0.07
13339	2338	0.0377	0.0439	7.10	<.0001	-1.22	0.16	0.05	0.07	-0.06	0.14	0.00	0.04	0.06	0.00	-0.03	0.06	0.12	0.13	-0.03	0.07
13341	2338	0.0377	0.0439	7.10	<.0001	-1.22	0.16	0.05	0.07	-0.06	0.14	0.00	0.04	0.06	0.00	-0.03	0.06	0.12	0.13	-0.03	0.07
13342	25354	0.0294	0.0300	52.22	<.0001	-0.48	-0.08	-0.19	-0.22	0.01	-0.04	0.00	-0.09	0.04	-0.01	0.06	0.03	0.02	-0.04	0.02	0.02
13344	79233	0.0058	0.0059	31.60	<.0001	-0.47	0.00	-0.03	-0.03	0.01	-0.08	-0.09	-0.06	-0.04	-0.02	-0.03	-0.01	0.03	0.03	-0.01	0.01
13346	10952	0.0884	0.0896	71.79	<.0001	-0.80	0.09	0.07	-0.06	-0.03	0.16	0.01	-0.24	-0.10	-0.23	-0.19	-0.15	-0.04	0.12	0.02	0.21
13348	2688	0.0233	0.0288	5.28	<.0001	-0.80	-0.11	-0.09	-0.04	0.04	-0.13	-0.04	-0.02	-0.06	-0.05	-0.02	-0.03	-0.04	-0.02	-0.04	-0.05
13350	715	0.0883	0.1075	5.61	<.0001	0.75	-0.06	-0.02	-0.13	-0.01	-0.02	0.05	0.01	0.03	0.02	0.02	0.06	0.10	0.01	0.07	0.00
13355	2591	0.0216	0.0272	4.80	<.0001	0.07	-0.04	-0.09	-0.13	0.01	0.10	0.10	0.11	0.03	0.09	0.12	0.09	0.13	0.09	0.04	0.09
13360	715	0.0883	0.1075	5.61	<.0001	0.75	-0.06	-0.02	-0.13	-0.01	-0.02	0.05	0.01	0.03	0.02	0.02	0.06	0.10	0.01	0.07	0.00
13486	28211	0.0287	0.0293	56.65	<.0001	-0.59	0.10	-0.04	0.02	-0.05	0.05	0.06	0.04	0.05	0.01	-0.02	-0.08	-0.06	-0.03	-0.05	-0.02
13498	56422	0.0290	0.0293	113.33	<.0001	-0.59	0.10	-0.04	0.02	-0.05	0.05	0.06	0.04	0.05	0.01	-0.02	-0.08	-0.06	-0.03	-0.05	-0.02
13608	24725	0.0127	0.0133	22.22	<.0001	-0.31	0.16	-0.03	0.02	0.01	-0.15	-0.15	-0.10	-0.06	-0.13	-0.03	-0.04	-0.05	-0.04	-0.13	-0.03
13689	3379	0.0577	0.0619	14.80	<.0001	-0.50	0.13	-0.03	0.04	-0.06	0.00	0.07	0.10	0.02	-0.01	-0.06	-0.03	-0.08	0.00	-0.01	0.01
13803	5476	0.0871	0.0896	35.84	<.0001	-0.80	0.09	0.07	-0.06	-0.03	0.16	0.01	-0.24	-0.10	-0.23	-0.19	-0.15	-0.04	0.12	0.02	0.21
13809	5670	0.0082	0.0108	4.12	<.0001	-0.78	-0.01	0.01	0.01	-0.02	0.00	-0.01	-0.02	0.03	-0.02	-0.03	-0.13	-0.01	-0.08	0.00	0.01
13811	5670	0.0082	0.0108	4.12	<.0001	-0.78	-0.01	0.01	0.01	-0.02	0.00	-0.01	-0.02	0.03	-0.02	-0.03	-0.13	-0.01	-0.08	0.00	0.01
13813	5670	0.0082	0.0108	4.12	<.0001	-0.78	-0.01	0.01	0.01	-0.02	0.00	-0.01	-0.02	0.03	-0.02	-0.03	-0.13	-0.01	-0.08	0.00	0.01
13815	17010	0.0099	0.0108	12.39	<.0001	-0.78	-0.01	0.01	0.01	-0.02	0.00	-0.01	-0.02	0.03	-0.02	-0.03	-0.13	-0.01	-0.08	0.00	0.01
13838	24725	0.0127	0.0133	22.22	<.0001	-0.31	0.16	-0.03	0.02	0.01	-0.15	-0.15	-0.10	-0.06	-0.13	-0.03	-0.04	-0.05	-0.04	-0.13	-0.03
13850	28772	0.0253	0.0259	50.88	<.0001	-0.29	0.25	-0.03	0.02	-0.01	-0.12	-0.13	-0.07	-0.05	-0.10	-0.02	-0.04	-0.03	-0.05	-0.11	-0.03
13868	28211	0.0287	0.0293	56.65	<.0001	-0.59	0.10	-0.04	0.02	-0.05	0.05	0.06	0.04	0.05	0.01	-0.02	-0.08	-0.06	-0.03	-0.05	-0.02
13877	3379	0.0577	0.0619	14.80	<.0001	-0.50	0.13	-0.03	0.04	-0.06	0.00	0.07	0.10	0.02	-0.01	-0.06	-0.03	-0.08	0.00	-0.01	0.01
13891	24063	0.0272	0.0278	45.86	<.0001	-0.58	0.10	-0.03	0.02	-0.04	0.04	0.07	0.05	0.05	0.02	-0.01	-0.06	-0.05	-0.01	-0.04	-0.02
13894	24063	0.0272	0.0278	45.86	<.0001	-0.58	0.10	-0.03	0.02	-0.04	0.04	0.07	0.05	0.05	0.02	-0.01	-0.06	-0.05	-0.01	-0.04	-0.02
13917	5376	0.0309	0.0337	12.44	<.0001	0.32	0.24	0.05	0.12	-0.05	0.14	0.17	0.06	0.01	0.05	0.09	0.06	0.04	0.04	0.05	0.01
13929	16514	0.0278	0.0287	32.46	<.0001	-0.32	0.14	0.03	0.00	-0.03	-0.05	-0.03	0.06	0.05	0.03	0.00	-0.03	-0.01	-0.08	-0.05	-0.07
13931	16514	0.0278	0.0287	32.46	<.0001	-0.32	0.14	0.03	0.00	-0.03	-0.05	-0.03	0.06	0.05	0.03	0.00	-0.03	-0.01	-0.08	-0.05	-0.07
13934	33028	0.0282	0.0287	64.95	<.0001	-0.32	0.14	0.03	0.00	-0.03	-0.05	-0.03	0.06	0.05	0.03	0.00	-0.03	-0.01	-0.08	-0.05	-0.07
14119	969	0.1153	0.1290	9.41	<.0001	-1.66	-0.08	-0.08	-0.16	0.11	0.08	0.09	0.00	0.12	-0.14	-0.08	-0.12	-0.12	-0.05	0.11	-0.06
14121	2524	0.0553	0.0609	10.85	<.0001	-2.49	0.09	-0.07	-0.24	0.00	0.02	0.12	0.02	0.10	0.09	0.13	0.11	0.10	0.02	0.18	0.11
14130	4776	0.0143	0.0174	5.61	<.0001	-2.84	-0.07	0.01	-0.13	0.04	0.03	0.01	0.03	0.04	0.02	-0.02	-0.04	0.01	0.00	-0.02	-0.02
14136	18255	0.0364	0.0372	47.01	<.0001	-2.76	-0.30	-0.14	-0.22	0.02	0.08	0.09	0.05	0.06	0.03	0.09	0.08	0.08	0.07	0.07	0.04
14143	221171	0.0077	0.0078	115.96	<.0001	-2.72	-0.11	-0.04	-0.08	0.01	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.02
14144	47357	0.0110	0.0113	36.12	<.0001	-2.80	-0.14	-0.08	-0.05	0.00	0.08	0.10	0.07	0.07	0.07	0.07	0.07	0.08	0.11	0.12	0.04
14145	47357	0.0110	0.0113	36.12	<.0001	-2.80	-0.14	-0.08	-0.05	0.00	0.08	0.10	0.07	0.07	0.07	0.07	0.07	0.08	0.11	0.12	0.04
14146	150306	0.0056	0.0057	56.93	<.0001	-2.77	-0.04	-0.06	-0.06	0.04	0.05	0.06	0.05	0.04	0.04	0.04	0.01	0.04	0.04	0.05	-0.02
14147	150306	0.0056	0.0057	56.93	<.0001	-2.77	-0.04	-0.06	-0.06	0.04	0.05	0.06	0.05	0.04	0.04	0.04	0.01	0.04	0.04	0.05	-0.02
14148	150306	0.0056	0.0057	56.93	<.0001	-2.77	-0.04	-0.06	-0.06	0.04	0.05	0.06	0.05	0.04	0.04	0.04	0.01	0.04	0.04	0.05	-0.02
14151	221171	0.0077	0.0078	115.96	<.0001	-2.72	-0.11	-0.04	-0.08	0.01	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.02
14154	126	0.6909	0.7280	19.62	<.0001	-2.08	-0.15	0.11	0.18	0.07	0.09	-0.14	-0.34	-0.62	-0.47	-0.15	0.06	-0.08	0.25	0.05	0.08

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
14155	3490	0.0179	0.0221	5.25	<.0001	-2.49	-0.06	0.06	0.00	0.07	0.11	-0.03	-0.01	0.05	0.06	0.02	0.02	0.04	-0.01	-0.09	-0.04
14157	24740	0.0136	0.0142	23.75	<.0001	-2.79	-0.16	-0.11	-0.13	-0.01	0.06	0.06	0.06	0.06	0.07	0.03	0.02	0.04	0.07	0.03	0.02
14175	3858	0.0373	0.0411	10.97	<.0001	-0.91	0.06	-0.01	0.22	-0.01	0.07	-0.02	0.00	0.09	0.01	0.08	0.03	-0.01	0.00	0.07	0.04
14181	11166	0.0590	0.0603	47.69	<.0001	-1.64	-0.07	-0.18	-0.13	0.02	-0.03	0.02	0.01	-0.01	-0.04	-0.02	-0.01	-0.03	0.00	0.02	-0.02
14192	2672	0.1163	0.1213	24.44	<.0001	0.06	-0.26	-0.18	-0.23	0.05	-0.06	-0.08	0.00	0.03	-0.03	0.05	0.03	0.02	-0.01	0.01	-0.07
14196	2672	0.1163	0.1213	24.44	<.0001	0.06	-0.26	-0.18	-0.23	0.05	-0.06	-0.08	0.00	0.03	-0.03	0.05	0.03	0.02	-0.01	0.01	-0.07
14203	25					2.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14204	2672	0.1163	0.1213	24.44	<.0001	0.06	-0.26	-0.18	-0.23	0.05	-0.06	-0.08	0.00	0.03	-0.03	0.05	0.03	0.02	-0.01	0.01	-0.07
14214	13042	0.0392	0.0403	36.44	<.0001	0.98	-0.20	-0.21	-0.19	-0.01	0.03	-0.01	-0.01	-0.04	0.00	-0.01	-0.01	-0.03	0.01	-0.04	-0.02
14218	3592	0.0386	0.0426	10.61	<.0001	1.04	-0.14	-0.18	-0.14	0.00	0.01	0.03	0.02	-0.01	0.00	-0.04	-0.05	-0.02	0.07	-0.02	-0.01
14224	1					2.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14228	1					2.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14229	1					2.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14236	1					2.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14237	248	0.0956	0.1505	2.74	0.0007	0.84	0.00	-0.01	-0.21	-0.01	-0.03	0.00	-0.01	-0.08	-0.04	0.02	-0.06	0.15	-0.01	-0.03	0.03
14238	606	0.0938	0.1162	5.17	<.0001	-2.48	0.21	0.19	0.20	-0.09	0.25	0.23	0.32	0.23	0.17	0.00	0.29	0.11	0.16	0.27	0.16
14242	43760	0.0057	0.0061	17.82	<.0001	-2.06	-0.07	-0.05	-0.07	-0.01	0.01	0.00	0.01	0.01	0.02	0.01	0.01	0.01	0.00	0.01	0.01
14243	43760	0.0057	0.0061	17.82	<.0001	-2.06	-0.07	-0.05	-0.07	-0.01	0.01	0.00	0.01	0.01	0.02	0.01	0.01	0.01	0.00	0.01	0.01
14262	24379	0.0150	0.0156	25.79	<.0001	-1.39	0.06	-0.06	0.01	0.00	-0.02	-0.01	-0.02	-0.02	0.02	0.01	0.01	0.00	0.00	-0.01	0.01
14264	522	0.1785	0.2021	8.54	<.0001	-2.73	0.46	0.02	-0.11	0.13	-0.37	-0.24	-0.09	-0.16	-0.13	-0.10	-0.16	0.02	0.02	-0.04	-0.10
14267	522	0.1785	0.2021	8.54	<.0001	-2.73	0.46	0.02	-0.11	0.13	-0.37	-0.24	-0.09	-0.16	-0.13	-0.10	-0.16	0.02	0.02	-0.04	-0.10
14277	74	0.2502	0.4043	2.62	0.0044	-3.25	0.46	-0.02	0.74	0.36	0.55	0.22	0.23	0.35	0.45	0.47	0.42	0.31	0.52	0.52	0.57
14282	74	0.2502	0.4043	2.62	0.0044	-3.25	0.46	-0.02	0.74	0.36	0.55	0.22	0.23	0.35	0.45	0.47	0.42	0.31	0.52	0.52	0.57
14287	8139	0.0372	0.0390	21.97	<.0001	-3.99	0.17	-0.12	-0.16	-0.02	0.03	0.02	-0.02	-0.01	-0.04	0.05	0.01	0.09	0.00	-0.01	-0.03
14289	8139	0.0372	0.0390	21.97	<.0001	-3.99	0.17	-0.12	-0.16	-0.02	0.03	0.02	-0.02	-0.01	-0.04	0.05	0.01	0.09	0.00	-0.01	-0.03
14290	477	0.2245	0.2489	10.19	<.0001	0.57	-0.14	-0.31	-0.17	-0.07	0.01	-0.09	-0.09	-0.04	0.05	-0.02	-0.39	0.00	-0.07	-0.17	0.07
14292	24379	0.0150	0.0156	25.79	<.0001	-1.39	0.06	-0.06	0.01	0.00	-0.02	-0.01	-0.02	-0.02	0.02	0.01	0.01	0.00	0.00	-0.01	0.01
14296	8139	0.0372	0.0390	21.97	<.0001	-3.99	0.17	-0.12	-0.16	-0.02	0.03	0.02	-0.02	-0.01	-0.04	0.05	0.01	0.09	0.00	-0.01	-0.03
14302	24379	0.0150	0.0156	25.79	<.0001	-1.39	0.06	-0.06	0.01	0.00	-0.02	-0.01	-0.02	-0.02	0.02	0.01	0.01	0.00	0.00	-0.01	0.01
14309	382	0.2082	0.2394	7.68	<.0001	-0.12	-0.08	-0.12	-0.21	0.04	-0.03	0.01	-0.01	0.02	0.01	0.01	0.06	-0.06	0.03	-0.01	0.01
14311	382	0.2082	0.2394	7.68	<.0001	-0.12	-0.08	-0.12	-0.21	0.04	-0.03	0.01	-0.01	0.02	0.01	0.01	0.06	-0.06	0.03	-0.01	0.01
14315	382	0.2082	0.2394	7.68	<.0001	-0.12	-0.08	-0.12	-0.21	0.04	-0.03	0.01	-0.01	0.02	0.01	0.01	0.06	-0.06	0.03	-0.01	0.01
14317	382	0.2082	0.2394	7.68	<.0001	-0.12	-0.08	-0.12	-0.21	0.04	-0.03	0.01	-0.01	0.02	0.01	0.01	0.06	-0.06	0.03	-0.01	0.01
14323	7					0.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14327	7					0.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14334	901	0.2043	0.2176	16.41	<.0001	-1.71	-0.44	0.08	-0.26	-0.13	-0.20	-0.13	-0.05	-0.06	0.01	-0.11	-0.14	-0.04	-0.06	-0.13	-0.03
14341	30					0.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14350	1325	0.1056	0.1157	11.42	<.0001	-2.32	0.05	-0.40	-0.41	0.04	0.08	-0.08	-0.02	-0.06	-0.10	-0.07	0.01	-0.13	-0.01	0.12	0.07
14353	302	0.3041	0.3388	9.77	<.0001	1.54	-0.04	-0.25	-0.32	-0.05	0.02	-0.01	0.08	-0.09	-0.10	-0.09	-0.06	-0.08	-0.22	-0.04	-0.05
14356	56					2.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14366	1157	0.1406	0.1518	13.61	<.0001	1.45	-0.18	-0.13	-0.22	-0.03	0.03	0.02	0.02	0.01	-0.09	-0.05	-0.12	-0.10	-0.14	-0.05	-0.03
14368	56					2.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14370	56					2.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14382	11757	0.0151	0.0164	13.04	<.0001	-1.78	0.01	-0.07	-0.04	0.04	0.05	0.00	-0.07	0.00	-0.03	-0.04	0.04	0.03	0.05	-0.02	0.07
14383	18					0.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14400	150306	0.0056	0.0057	56.93	<.0001	-2.77	-0.04	-0.06	-0.06	0.04	0.05	0.06	0.05	0.04	0.04	0.04	0.01	0.04	0.04	0.05	-0.02
14407	960	0.0480	0.0629	4.22	<.0001	-0.57	0.10	0.04	0.11	0.02	-0.05	0.07	-0.02	-0.01	-0.13	-0.17	-0.12	-0.08	-0.06	-0.06	-0.05
14416	115594	0.0037	0.0038	29.74	<.0001	-2.72	-0.05	0.02	-0.02	-0.01	0.04	0.03	0.04	0.03	0.03	0.02	0.03	0.04	0.06	0.05	0.01
14422	3858	0.0373	0.0411	10.97	<.0001	-0.91	0.06	-0.01	0.22	-0.01	0.07	-0.02	0.00	0.09	0.01	0.08	0.03	-0.01	0.00	0.07	0.04
14435	7					0.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14436	7					0.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14538	2555	0.1245	0.1296	25.20	<.0001	0.06	-0.27	-0.18	-0.24	0.05	-0.04	-0.08	0.02	0.04	-0.02	0.05	0.03	0.02	0.00	0.03	-0.07
14540	477	0.2245	0.2489	10.19	<.0001	0.57	-0.14	-0.31	-0.17	-0.07	0.01	-0.09	-0.09	-0.04	0.05	-0.02	-0.39	0.00	-0.07	-0.17	0.07
14552	150306	0.0056	0.0057	56.93	<.0001	-2.77	-0.04	-0.06	-0.06	0.04	0.05	0.06	0.05	0.04	0.04	0.04	0.01	0.04	0.04	0.05	-0.02

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
14557	3858	0.0373	0.0411	10.97	<.0001	-0.91	0.06	-0.01	0.22	-0.01	0.07	-0.02	0.00	0.09	0.01	0.08	0.03	-0.01	0.00	0.07	0.04
15002	1006	0.1485	0.1612	12.69	<.0001	0.97	-0.35	-0.14	-0.20	-0.04	0.04	0.07	0.04	-0.03	0.04	-0.08	0.03	-0.03	-0.08	0.05	0.01
15008	2936	0.0312	0.0362	7.31	<.0001	0.17	0.09	0.34	-0.07	0.02	-0.11	-0.05	-0.07	-0.05	-0.07	-0.05	-0.04	0.00	-0.16	-0.05	-0.06
15012	75	0.5061	0.6062	6.05	<.0001	2.03	-0.47	-0.31	-0.37	0.36	0.30	0.06	0.63	-0.15	0.58	0.28	0.54	-0.14	0.37	0.54	0.23
15015	1301	0.0215	0.0328	2.91	0.0002	-0.05	0.09	0.12	0.07	0.02	-0.02	-0.04	-0.07	-0.03	-0.12	-0.06	-0.05	-0.05	0.09	0.03	0.04
15017	5					0.70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15018	1301	0.0215	0.0328	2.91	0.0002	-0.05	0.09	0.12	0.07	0.02	-0.02	-0.04	-0.07	-0.03	-0.12	-0.06	-0.05	-0.05	0.09	0.03	0.04
15019	1301	0.0215	0.0328	2.91	0.0002	-0.05	0.09	0.12	0.07	0.02	-0.02	-0.04	-0.07	-0.03	-0.12	-0.06	-0.05	-0.05	0.09	0.03	0.04
15020	248	0.3156	0.3571	8.59	<.0001	0.50	0.09	-1.09	-0.17	-0.33	0.01	0.16	0.32	-0.04	0.57	-0.07	0.07	0.12	0.27	0.36	0.32
15025	253	0.0851	0.1396	2.56	0.0014	-0.29	0.04	-0.26	-0.16	0.03	0.04	-0.06	0.03	-0.07	0.14	-0.10	-0.13	-0.16	-0.24	-0.04	-0.08
15027	6994	0.0184	0.0205	9.72	<.0001	-0.52	0.09	-0.07	-0.03	-0.06	0.03	0.01	0.04	0.03	0.01	0.01	0.06	0.06	0.10	0.03	0.03
15028	2936	0.0312	0.0362	7.31	<.0001	0.17	0.09	0.34	-0.07	0.02	-0.11	-0.05	-0.07	-0.05	-0.07	-0.05	-0.04	0.00	-0.16	-0.05	-0.06
15033	801	0.0438	0.0618	3.45	<.0001	0.11	0.13	-0.11	0.07	-0.04	0.05	0.01	0.03	-0.03	-0.02	0.05	0.10	-0.04	0.09	0.15	0.02
15035	801	0.0438	0.0618	3.45	<.0001	0.11	0.13	-0.11	0.07	-0.04	0.05	0.01	0.03	-0.03	-0.02	0.05	0.10	-0.04	0.09	0.15	0.02
15036	699	0.1098	0.1289	6.74	<.0001	0.65	0.06	0.20	0.30	0.02	-0.20	-0.33	-0.21	-0.18	-0.21	-0.31	-0.30	-0.23	-0.30	-0.11	-0.21
15039	253	0.0851	0.1396	2.56	0.0014	-0.29	0.04	-0.26	-0.16	0.03	0.04	-0.06	0.03	-0.07	0.14	-0.10	-0.13	-0.16	-0.24	-0.04	-0.08
15040	253	0.0851	0.1396	2.56	0.0014	-0.29	0.04	-0.26	-0.16	0.03	0.04	-0.06	0.03	-0.07	0.14	-0.10	-0.13	-0.16	-0.24	-0.04	-0.08
15041	253	0.0851	0.1396	2.56	0.0014	-0.29	0.04	-0.26	-0.16	0.03	0.04	-0.06	0.03	-0.07	0.14	-0.10	-0.13	-0.16	-0.24	-0.04	-0.08
15042	253	0.0851	0.1396	2.56	0.0014	-0.29	0.04	-0.26	-0.16	0.03	0.04	-0.06	0.03	-0.07	0.14	-0.10	-0.13	-0.16	-0.24	-0.04	-0.08
15046	801	0.0438	0.0618	3.45	<.0001	0.11	0.13	-0.11	0.07	-0.04	0.05	0.01	0.03	-0.03	-0.02	0.05	0.10	-0.04	0.09	0.15	0.02
15050	801	0.0438	0.0618	3.45	<.0001	0.11	0.13	-0.11	0.07	-0.04	0.05	0.01	0.03	-0.03	-0.02	0.05	0.10	-0.04	0.09	0.15	0.02
15051	801	0.0438	0.0618	3.45	<.0001	0.11	0.13	-0.11	0.07	-0.04	0.05	0.01	0.03	-0.03	-0.02	0.05	0.10	-0.04	0.09	0.15	0.02
15055	801	0.0438	0.0618	3.45	<.0001	0.11	0.13	-0.11	0.07	-0.04	0.05	0.01	0.03	-0.03	-0.02	0.05	0.10	-0.04	0.09	0.15	0.02
15057	2074	0.0236	0.0306	4.34	<.0001	-0.46	0.17	0.14	0.13	0.00	0.15	0.15	0.02	0.26	0.12	0.04	0.20	0.19	0.15	0.26	0.22
15060	2074	0.0236	0.0306	4.34	<.0001	-0.46	0.17	0.14	0.13	0.00	0.15	0.15	0.02	0.26	0.12	0.04	0.20	0.19	0.15	0.26	0.22
15062	1328	0.0950	0.1053	10.29	<.0001	-0.37	0.23	0.29	0.02	0.04	0.08	-0.04	0.22	0.03	0.13	0.07	-0.16	-0.03	0.05	0.14	-0.05
15065	2602	0.0272	0.0328	5.85	<.0001	-0.05	0.09	0.12	0.07	0.02	-0.02	-0.04	-0.07	-0.03	-0.12	-0.06	-0.05	-0.05	0.09	0.03	0.04
15066	2602	0.0272	0.0328	5.85	<.0001	-0.05	0.09	0.12	0.07	0.02	-0.02	-0.04	-0.07	-0.03	-0.12	-0.06	-0.05	-0.05	0.09	0.03	0.04
15068	691	0.1630	0.1812	9.96	<.0001	0.34	-0.07	0.09	0.04	-0.20	0.24	0.20	0.10	0.26	0.10	0.07	0.15	0.17	0.10	0.05	0.16
15070	843	0.1058	0.1217	7.64	<.0001	0.04	0.15	0.13	0.18	0.05	-0.34	0.00	-0.09	0.01	-0.27	-0.23	-0.01	0.04	-0.18	-0.23	-0.14
15077	16410	0.0215	0.0224	25.02	<.0001	-0.03	0.10	0.11	0.06	-0.04	0.05	-0.01	-0.03	0.00	0.01	-0.03	-0.09	-0.06	-0.01	-0.04	0.00
15080	140	0.2162	0.3008	3.56	<.0001	-1.11	-0.12	-0.03	-0.01	-0.09	0.13	-0.03	-0.17	-0.02	-0.07	0.00	0.04	-0.05	0.09	0.04	0.10
15083	16818	0.0224	0.0233	26.71	<.0001	-0.03	0.10	0.11	0.06	-0.05	0.05	-0.02	-0.03	0.00	0.01	-0.04	-0.09	-0.06	-0.01	-0.04	0.00
15084	7542	0.0636	0.0655	35.15	<.0001	-0.69	-0.06	-0.22	-0.21	-0.08	0.01	-0.09	-0.08	0.00	0.11	0.07	0.06	0.04	0.04	0.00	0.06
15087	18					1.90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15088	5654	0.0197	0.0223	8.59	<.0001	-0.23	0.07	-0.10	-0.11	0.00	-0.06	-0.05	0.07	-0.07	-0.13	-0.02	-0.04	-0.07	0.02	-0.13	-0.03
15089	5654	0.0197	0.0223	8.59	<.0001	-0.23	0.07	-0.10	-0.11	0.00	-0.06	-0.05	0.07	-0.07	-0.13	-0.02	-0.04	-0.07	0.02	-0.13	-0.03
15090	248	0.3156	0.3571	8.59	<.0001	0.50	0.09	-1.09	-0.17	-0.33	0.01	0.16	0.32	-0.04	0.57	-0.07	0.07	0.12	0.27	0.36	0.32
15091	248	0.3156	0.3571	8.59	<.0001	0.50	0.09	-1.09	-0.17	-0.33	0.01	0.16	0.32	-0.04	0.57	-0.07	0.07	0.12	0.27	0.36	0.32
15095	198	0.0999	0.1684	2.46	0.0027	0.07	-0.13	0.05	-0.13	0.05	-0.09	-0.13	-0.17	0.04	-0.03	-0.05	-0.20	-0.19	-0.41	-0.13	-0.09
15099	2012	0.1549	0.1612	25.58	<.0001	0.97	-0.35	-0.14	-0.20	-0.04	0.04	0.07	0.04	-0.03	0.04	-0.08	0.03	-0.03	-0.08	0.05	0.01
15101	843	0.1058	0.1217	7.64	<.0001	0.04	0.15	0.13	0.18	0.05	-0.34	0.00	-0.09	0.01	-0.27	-0.23	-0.01	0.04	-0.18	-0.23	-0.14
15104	691	0.1630	0.1812	9.96	<.0001	0.34	-0.07	0.09	0.04	-0.20	0.24	0.20	0.10	0.26	0.10	0.07	0.15	0.17	0.10	0.05	0.16
15106	691	0.1630	0.1812	9.96	<.0001	0.34	-0.07	0.09	0.04	-0.20	0.24	0.20	0.10	0.26	0.10	0.07	0.15	0.17	0.10	0.05	0.16
15110	691	0.1630	0.1812	9.96	<.0001	0.34	-0.07	0.09	0.04	-0.20	0.24	0.20	0.10	0.26	0.10	0.07	0.15	0.17	0.10	0.05	0.16
15114	1328	0.0950	0.1053	10.29	<.0001	-0.37	0.23	0.29	0.02	0.04	0.08	-0.04	0.22	0.03	0.13	0.07	-0.16	-0.03	0.05	0.14	-0.05
15117	1156	0.0652	0.0773	6.37	<.0001	0.43	-0.11	-0.05	0.03	0.11	0.12	-0.03	0.18	0.10	0.00	0.00	0.04	0.02	-0.16	-0.10	-0.09
15119	45554	0.0238	0.0241	74.96	<.0001	-1.00	0.02	-0.11	-0.08	0.06	-0.04	-0.10	-0.09	-0.04	-0.04	-0.02	-0.02	0.04	0.01	0.00	0.03
15121	45554	0.0238	0.0241	74.96	<.0001	-1.00	0.02	-0.11	-0.08	0.06	-0.04	-0.10	-0.09	-0.04	-0.04	-0.02	-0.02	0.04	0.01	0.00	0.03
15126	22345	0.0598	0.0604	95.68	<.0001	-0.20	-0.20	-0.02	-0.07	0.03	-0.04	-0.05	-0.04	-0.01	-0.01	0.00	-0.02	-0.02	0.00	0.02	0.01
15127	1156	0.0652	0.0773	6.37	<.0001	0.43	-0.11	-0.05	0.03	0.11	0.12	-0.03	0.18	0.10	0.00	0.00	0.04	0.02	-0.16	-0.10	-0.09
15130	2936	0.0312	0.0362	7.31	<.0001	0.17	0.09	0.34	-0.07	0.02	-0.11	-0.05	-0.07	-0.05	-0.07	-0.05	-0.04	0.00	-0.16	-0.05	-0.06
15132	656	0.0986	0.1193	5.78	<.0001	-1.14	0.73	0.62	0.54	0.00	-0.16	-0.43	-0.15	-0.16	-0.13	-0.13	-0.06	-0.03	-0.12	-0.05	-0.11
15139	1207	0.1361	0.1469	13.67	<.0001	0.69	-0.28	0.12	-0.17	0.00	0.03	0.06	0.63	-0.02	0.08	-0.14	0.01	0.05	-0.07	0.04	0.18

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
15141	1649	0.0547	0.0633	7.36	<.0001	0.38	-0.10	0.01	0.05	-0.13	-0.03	0.01	-0.02	-0.12	0.01	-0.01	-0.02	-0.02	-0.11	0.04	-0.14
15145	1207	0.1361	0.1469	13.67	<.0001	0.69	-0.28	0.12	-0.17	0.00	0.03	0.06	0.63	-0.02	0.08	-0.14	0.01	0.05	-0.07	0.04	0.18
15147	1207	0.1361	0.1469	13.67	<.0001	0.69	-0.28	0.12	-0.17	0.00	0.03	0.06	0.63	-0.02	0.08	-0.14	0.01	0.05	-0.07	0.04	0.18
15149	1207	0.1361	0.1469	13.67	<.0001	0.69	-0.28	0.12	-0.17	0.00	0.03	0.06	0.63	-0.02	0.08	-0.14	0.01	0.05	-0.07	0.04	0.18
15152	1175	0.0485	0.0607	4.99	<.0001	0.48	0.11	0.07	-0.02	-0.10	-0.02	0.12	0.03	-0.02	0.09	0.12	0.06	0.12	0.01	0.11	0.06
15155	1207	0.1361	0.1469	13.67	<.0001	0.69	-0.28	0.12	-0.17	0.00	0.03	0.06	0.63	-0.02	0.08	-0.14	0.01	0.05	-0.07	0.04	0.18
15157	1207	0.1361	0.1469	13.67	<.0001	0.69	-0.28	0.12	-0.17	0.00	0.03	0.06	0.63	-0.02	0.08	-0.14	0.01	0.05	-0.07	0.04	0.18
15160	2764	0.0237	0.0290	5.47	<.0001	-0.36	-0.05	0.03	-0.13	0.03	-0.05	0.01	0.03	-0.02	0.03	0.03	0.01	0.10	0.01	0.07	-0.03
15164	1207	0.1361	0.1469	13.67	<.0001	0.69	-0.28	0.12	-0.17	0.00	0.03	0.06	0.63	-0.02	0.08	-0.14	0.01	0.05	-0.07	0.04	0.18
15166	198	0.0999	0.1684	2.46	0.0027	0.07	-0.13	0.05	-0.13	0.05	-0.09	-0.13	-0.17	0.04	-0.03	-0.05	-0.20	-0.19	-0.41	-0.13	-0.09
15167	1207	0.1361	0.1469	13.67	<.0001	0.69	-0.28	0.12	-0.17	0.00	0.03	0.06	0.63	-0.02	0.08	-0.14	0.01	0.05	-0.07	0.04	0.18
15170	1956	0.0711	0.0783	10.98	<.0001	0.16	0.11	-0.18	-0.14	-0.03	-0.04	-0.01	0.03	0.03	0.10	0.06	0.20	0.07	0.16	0.08	-0.02
15172	1207	0.1361	0.1469	13.67	<.0001	0.69	-0.28	0.12	-0.17	0.00	0.03	0.06	0.63	-0.02	0.08	-0.14	0.01	0.05	-0.07	0.04	0.18
15175	198	0.0999	0.1684	2.46	0.0027	0.07	-0.13	0.05	-0.13	0.05	-0.09	-0.13	-0.17	0.04	-0.03	-0.05	-0.20	-0.19	-0.41	-0.13	-0.09
15234	5953	0.0436	0.0460	19.08	<.0001	-0.34	0.21	-0.05	-0.07	-0.04	0.17	0.02	0.01	0.01	0.00	0.00	-0.03	-0.03	0.05	-0.02	0.01
15240	1328	0.0950	0.1053	10.29	<.0001	-0.37	0.23	0.29	0.02	0.04	0.08	-0.04	0.22	0.03	0.13	0.07	-0.16	-0.03	0.05	0.14	-0.05
16006	3862	0.1151	0.1186	34.49	<.0001	-1.56	-0.12	-0.16	-0.20	0.04	-0.08	0.04	0.01	-0.03	-0.13	-0.14	-0.17	-0.05	-0.02	0.03	0.00
16008	1137	0.1341	0.1456	12.73	<.0001	-0.91	-0.35	-0.23	-0.25	0.07	-0.08	-0.07	-0.05	-0.04	-0.02	-0.06	0.03	0.01	0.01	0.04	0.03
16011	10234	0.0675	0.0689	50.37	<.0001	-2.08	-0.14	-0.20	-0.14	0.01	-0.03	-0.01	0.01	-0.06	-0.15	-0.14	-0.15	-0.08	-0.07	-0.01	-0.03
16014	363	0.0960	0.1335	3.56	<.0001	-1.80	-0.13	0.03	-0.13	0.15	0.07	0.07	0.13	0.09	0.09	0.10	0.13	0.08	0.12	0.07	0.12
16017	246	0.3560	0.3954	10.03	<.0001	-1.75	-0.56	0.01	-0.26	0.16	0.07	0.06	0.00	0.04	0.03	0.03	0.10	0.13	0.17	-0.11	0.01
16028	15962	0.1578	0.1586	200.35	<.0001	-1.85	-0.25	-0.37	-0.33	0.02	-0.06	-0.03	-0.03	0.00	0.03	0.04	0.02	0.02	-0.02	0.00	-0.02
16032	3691	0.1406	0.1441	41.26	<.0001	-2.01	0.00	-0.18	-0.18	0.20	-0.03	-0.01	-0.04	0.05	0.00	0.00	0.04	0.01	0.08	0.02	0.03
16033	3250	0.2364	0.2400	68.07	<.0001	-2.05	-0.03	-0.45	-0.19	0.00	0.02	0.01	0.05	0.03	0.04	0.08	0.04	0.11	0.04	0.05	-0.03
16034	15962	0.1578	0.1586	200.35	<.0001	-1.85	-0.25	-0.37	-0.33	0.02	-0.06	-0.03	-0.03	0.00	0.03	0.04	0.02	0.02	-0.02	0.00	-0.02
16039	326	0.1297	0.1699	4.23	<.0001	-2.14	0.24	-0.08	-0.18	0.01	0.00	-0.02	0.18	0.28	0.01	0.03	0.12	0.27	0.04	0.12	0.06
16040	164	0.3774	0.4347	7.59	<.0001	-1.68	-0.19	-0.16	-0.06	0.14	0.03	0.07	0.08	-0.10	0.02	-0.01	0.00	0.08	0.01	0.06	0.11
16041	579	0.0338	0.0588	2.35	0.0029	-1.71	-0.30	-0.43	-0.31	-0.02	-0.12	0.02	0.04	0.08	0.02	0.01	-0.04	-0.03	0.07	-0.03	0.09
16042	3691	0.1406	0.1441	41.26	<.0001	-2.01	0.00	-0.18	-0.18	0.20	-0.03	-0.01	-0.04	0.05	0.00	0.00	0.04	0.01	0.08	0.02	0.03
16043	4654	0.1127	0.1156	40.40	<.0001	-2.01	-0.07	-0.17	-0.20	0.03	-0.03	-0.03	0.02	0.00	0.01	-0.01	-0.01	-0.01	-0.04	-0.02	0.00
16049	293	0.2404	0.2794	7.16	<.0001	-1.44	-0.11	0.05	-0.13	0.06	-0.18	-0.02	-0.11	-0.10	-0.15	-0.15	-0.08	-0.05	-0.25	-0.19	0.01
16050	449	0.3461	0.3680	16.81	<.0001	-1.62	-0.40	-0.14	-0.28	0.01	-0.13	-0.03	0.13	0.08	0.09	-0.17	-0.11	0.08	0.02	0.08	-0.03
16052	5					0.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16055	74					0.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16056	3691	0.1406	0.1441	41.26	<.0001	-2.01	0.00	-0.18	-0.18	0.20	-0.03	-0.01	-0.04	0.05	0.00	0.00	0.04	0.01	0.08	0.02	0.03
16057	4307	0.0512	0.0546	16.51	<.0001	-1.76	-0.12	0.04	-0.15	-0.02	-0.09	0.01	0.02	0.04	-0.02	-0.01	-0.05	-0.02	-0.02	-0.03	-0.04
16059	7279	0.0282	0.0302	15.09	<.0001	-1.87	-0.01	-0.15	-0.16	0.01	-0.04	-0.09	-0.01	0.01	0.02	-0.03	-0.02	0.04	-0.03	-0.06	0.00
16062	3691	0.1406	0.1441	41.26	<.0001	-2.01	0.00	-0.18	-0.18	0.20	-0.03	-0.01	-0.04	0.05	0.00	0.00	0.04	0.01	0.08	0.02	0.03
16069	4069	0.0691	0.0726	21.15	<.0001	-1.72	-0.24	-0.26	-0.20	0.02	-0.10	-0.08	0.01	-0.02	-0.03	0.07	0.04	0.02	-0.04	-0.06	-0.04
16070	77	0.1219	0.2952	1.70	0.0741	-1.75	-0.04	0.00	0.49	0.03	-0.55	0.04	0.00	-0.01	0.14	0.23	0.07	0.08	0.09	0.02	0.13
16071	1692	0.0237	0.0324	3.74	<.0001	-1.54	-0.01	-0.13	-0.08	0.03	0.04	0.01	0.05	0.04	0.00	0.03	0.03	-0.03	0.02	0.00	0.02
16072	5712	0.0402	0.0427	16.95	<.0001	-1.57	-0.16	-0.28	-0.27	-0.01	0.00	0.00	0.07	0.02	0.04	-0.01	0.01	0.01	0.05	0.07	0.07
16080	7					0.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16081	4149	0.1444	0.1475	47.66	<.0001	-1.24	1.05	0.46	0.52	0.04	-0.12	0.07	0.08	0.11	0.03	0.14	0.03	0.08	0.04	-0.08	0.04
16082	7					1.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16085	5642	0.0536	0.0561	22.29	<.0001	-0.49	-0.21	0.04	-0.17	0.02	0.08	0.07	0.03	0.20	0.02	0.11	-0.08	0.01	0.06	0.36	0.11
16086	2423	0.0226	0.0286	4.73	<.0001	-0.62	-0.06	-0.03	-0.08	-0.05	0.05	0.07	0.05	0.06	-0.04	0.06	-0.08	-0.09	0.04	0.30	0.13
16087	29988	0.0087	0.0092	18.52	<.0001	-0.64	-0.04	-0.08	-0.01	-0.02	0.00	0.01	0.03	0.04	0.05	0.05	0.02	0.04	0.04	0.00	-0.01
16088	21248	0.0189	0.0196	28.30	<.0001	-0.57	-0.08	-0.14	-0.05	-0.03	0.03	0.03	0.04	0.05	0.09	0.06	0.05	0.06	0.04	0.01	0.00
16089	21248	0.0189	0.0196	28.30	<.0001	-0.57	-0.08	-0.14	-0.05	-0.03	0.03	0.03	0.04	0.05	0.09	0.06	0.05	0.06	0.04	0.01	0.00
16090	21248	0.0189	0.0196	28.30	<.0001	-0.57	-0.08	-0.14	-0.05	-0.03	0.03	0.03	0.04	0.05	0.09	0.06	0.05	0.06	0.04	0.01	0.00
16098	37053	0.0381	0.0385	98.94	<.0001	-0.92	-0.14	-0.14	-0.15	-0.01	0.01	0.03	0.03	0.03	0.02	0.04	0.03	0.01	0.03	0.01	0.01
16099	74					0.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16103	14438	0.0645	0.0655	67.38	<.0001	-1.76	0.23	0.08	-0.06	0.05	-0.01	-0.04	-0.01	-0.05	-0.07	0.02	0.01	0.01	0.02	-0.01	0.00

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
16104	766	0.2128	0.2282	14.79	<.0001	0.87	-0.03	-0.09	-0.13	0.04	-0.08	-0.09	-0.07	-0.07	-0.09	-0.06	-0.07	-0.04	-0.09	-0.04	-0.02
16107	678	0.0268	0.0484	2.25	0.0044	-0.05	0.03	0.08	0.06	0.04	-0.04	0.04	-0.08	-0.08	-0.04	-0.09	-0.04	0.01	-0.05	0.00	-0.02
16109	24					0.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16110	4149	0.1444	0.1475	47.66	<.0001	-1.24	1.05	0.46	0.52	0.04	-0.12	0.07	0.08	0.11	0.03	0.14	0.03	0.08	0.04	-0.08	0.04
16115	120	0.1157	0.2272	2.04	0.0191	-1.60	0.11	0.34	0.05	0.02	-0.39	0.26	0.09	0.30	-0.13	0.35	0.20	-0.07	0.13	-0.02	0.12
16117	120	0.1157	0.2272	2.04	0.0191	-1.60	0.11	0.34	0.05	0.02	-0.39	0.26	0.09	0.30	-0.13	0.35	0.20	-0.07	0.13	-0.02	0.12
16120	72					0.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16122	4770	0.0859	0.0888	30.87	<.0001	0.27	-0.12	-0.11	-0.16	-0.05	-0.02	-0.03	0.01	0.00	-0.02	-0.05	0.00	0.00	-0.04	-0.02	0.02
16123	5549	0.0057	0.0084	3.13	<.0001	-0.81	0.03	-0.02	-0.01	-0.01	-0.04	-0.05	-0.04	-0.04	0.01	0.00	0.03	-0.05	-0.01	0.00	0.00
16127	3511	0.2092	0.2126	62.92	<.0001	-1.10	0.37	0.31	0.30	0.01	-0.03	-0.04	0.03	-0.02	0.03	-0.01	-0.03	0.01	-0.04	-0.03	-0.01
16150	3465	0.0982	0.1021	26.14	<.0001	-0.90	-0.23	-0.15	-0.14	0.04	-0.08	0.00	-0.03	0.01	0.02	0.00	0.04	-0.05	0.00	0.02	0.01
16152	11757	0.0151	0.0164	13.04	<.0001	-1.78	0.01	-0.07	-0.04	0.04	0.05	0.00	-0.07	0.00	-0.03	-0.04	0.04	0.03	0.05	-0.02	0.07
16166	72					0.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16389	29988	0.0087	0.0092	18.52	<.0001	-0.64	-0.04	-0.08	-0.01	-0.02	0.00	0.01	0.03	0.04	0.05	0.05	0.02	0.04	0.04	0.00	-0.01
16390	29988	0.0087	0.0092	18.52	<.0001	-0.64	-0.04	-0.08	-0.01	-0.02	0.00	0.01	0.03	0.04	0.05	0.05	0.02	0.04	0.04	0.00	-0.01
16398	37053	0.0381	0.0385	98.94	<.0001	-0.92	-0.14	-0.14	-0.15	-0.01	0.01	0.03	0.03	0.03	0.02	0.04	0.03	0.01	0.03	0.01	0.01
16424	5549	0.0057	0.0084	3.13	<.0001	-0.81	0.03	-0.02	-0.01	-0.01	-0.04	-0.05	-0.04	-0.04	0.01	0.00	0.03	-0.05	-0.01	0.00	0.00
17001	2169	0.1225	0.1285	21.17	<.0001	-0.27	-0.18	-0.20	-0.09	0.12	-0.20	-0.31	-0.23	-0.15	-0.16	-0.08	-0.14	-0.01	-0.14	-0.15	-0.09
17011	1003	0.0926	0.1062	7.82	<.0001	-0.30	-0.17	-0.02	-0.11	-0.09	0.03	-0.01	0.13	-0.05	-0.05	-0.10	0.01	0.21	0.03	-0.10	-0.01
17013	1003	0.0926	0.1062	7.82	<.0001	-0.30	-0.17	-0.02	-0.11	-0.09	0.03	-0.01	0.13	-0.05	-0.05	-0.10	0.01	0.21	0.03	-0.10	-0.01
17023	1749	0.0154	0.0238	2.82	0.0002	0.38	-0.01	0.07	0.00	-0.03	0.00	-0.12	-0.14	-0.08	-0.07	0.03	-0.14	-0.08	-0.02	-0.13	-0.02
17026	1749	0.0154	0.0238	2.82	0.0002	0.38	-0.01	0.07	0.00	-0.03	0.00	-0.12	-0.14	-0.08	-0.07	0.03	-0.14	-0.08	-0.02	-0.13	-0.02
17029	459	0.1378	0.1660	5.88	<.0001	0.39	0.14	-0.18	0.33	0.30	-0.24	-0.53	-0.37	-0.40	-0.38	-0.41	-0.30	-0.33	-0.35	-0.55	0.16
17032	459	0.1378	0.1660	5.88	<.0001	0.39	0.14	-0.18	0.33	0.30	-0.24	-0.53	-0.37	-0.40	-0.38	-0.41	-0.30	-0.33	-0.35	-0.55	0.16
17035	2934	0.0867	0.0914	19.56	<.0001	-0.28	-0.18	-0.14	-0.06	0.10	-0.15	-0.19	-0.21	-0.13	-0.10	-0.03	-0.12	0.00	-0.10	-0.10	-0.03
17039	2934	0.0867	0.0914	19.56	<.0001	-0.28	-0.18	-0.14	-0.06	0.10	-0.15	-0.19	-0.21	-0.13	-0.10	-0.03	-0.12	0.00	-0.10	-0.10	-0.03
17047	765	0.0914	0.1093	6.13	<.0001	-0.35	-0.16	-0.01	0.10	0.00	0.02	0.13	-0.13	-0.06	0.11	0.09	-0.02	0.07	0.01	0.05	0.14
17059	273	0.1850	0.2300	5.12	<.0001	-0.37	-0.47	-0.53	-0.22	-0.10	0.06	0.17	-0.08	-0.06	-0.03	-0.18	-0.27	0.13	-0.02	-0.08	0.13
17076	1749	0.0154	0.0238	2.82	0.0002	0.38	-0.01	0.07	0.00	-0.03	0.00	-0.12	-0.14	-0.08	-0.07	0.03	-0.14	-0.08	-0.02	-0.13	-0.02
17080	459	0.1378	0.1660	5.88	<.0001	0.39	0.14	-0.18	0.33	0.30	-0.24	-0.53	-0.37	-0.40	-0.38	-0.41	-0.30	-0.33	-0.35	-0.55	0.16
17082	459	0.1378	0.1660	5.88	<.0001	0.39	0.14	-0.18	0.33	0.30	-0.24	-0.53	-0.37	-0.40	-0.38	-0.41	-0.30	-0.33	-0.35	-0.55	0.16
17088	1347	0.0729	0.0832	8.06	<.0001	0.46	0.12	-0.08	0.07	0.05	-0.37	-0.28	-0.15	-0.21	-0.12	-0.16	-0.21	-0.11	-0.08	-0.29	-0.16
17094	4041	0.0798	0.0832	24.36	<.0001	0.46	0.12	-0.08	0.07	0.05	-0.37	-0.28	-0.15	-0.21	-0.12	-0.16	-0.21	-0.11	-0.08	-0.29	-0.16
17099	1347	0.0729	0.0832	8.06	<.0001	0.46	0.12	-0.08	0.07	0.05	-0.37	-0.28	-0.15	-0.21	-0.12	-0.16	-0.21	-0.11	-0.08	-0.29	-0.16
17104	363	0.0482	0.0877	2.22	0.0056	-0.08	-0.10	-0.12	-0.14	0.00	0.44	0.07	0.17	0.06	0.32	0.41	0.08	0.21	0.39	0.43	-0.01
17107	726	0.0684	0.0877	4.55	<.0001	-0.08	-0.10	-0.12	-0.14	0.00	0.44	0.07	0.17	0.06	0.32	0.41	0.08	0.21	0.39	0.43	-0.01
17110	462	0.3144	0.3367	15.09	<.0001	0.89	-0.86	-1.35	-0.65	-0.03	-0.12	0.22	-0.20	0.21	-0.45	-0.40	-0.13	0.14	-0.07	0.42	-0.33
17113	462	0.3144	0.3367	15.09	<.0001	0.89	-0.86	-1.35	-0.65	-0.03	-0.12	0.22	-0.20	0.21	-0.45	-0.40	-0.13	0.14	-0.07	0.42	-0.33
17116	469	0.2190	0.2440	9.75	<.0001	-0.16	-0.31	-0.13	-0.42	0.12	-0.23	-0.14	-0.11	-0.04	0.08	0.15	-0.32	-0.06	-0.40	-0.23	-0.21
17128	764	0.2489	0.2636	17.85	<.0001	-0.34	-0.16	0.05	-0.29	0.16	-0.25	-0.12	-0.10	-0.05	-0.10	0.17	-0.30	-0.05	-0.41	-0.34	-0.24
17131	764	0.2489	0.2636	17.85	<.0001	-0.34	-0.16	0.05	-0.29	0.16	-0.25	-0.12	-0.10	-0.05	-0.10	0.17	-0.30	-0.05	-0.41	-0.34	-0.24
17134	33					0.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17142	932	0.2368	0.2491	20.26	<.0001	0.07	-0.59	-0.54	-0.33	-0.03	0.00	-0.13	-0.06	0.02	0.06	0.01	0.02	-0.13	-0.02	0.12	-0.20
17168	273	0.1850	0.2300	5.12	<.0001	-0.37	-0.47	-0.53	-0.22	-0.10	0.06	0.17	-0.08	-0.06	-0.03	-0.18	-0.27	0.13	-0.02	-0.08	0.13
17224	932	0.2368	0.2491	20.26	<.0001	0.07	-0.59	-0.54	-0.33	-0.03	0.00	-0.13	-0.06	0.02	0.06	0.01	0.02	-0.13	-0.02	0.12	-0.20
17250	2169	0.1225	0.1285	21.17	<.0001	-0.27	-0.18	-0.20	-0.09	0.12	-0.20	-0.31	-0.23	-0.15	-0.16	-0.08	-0.14	-0.01	-0.14	-0.15	-0.09
18001	50784	0.1395	0.1397	549.66	<.0001	-1.09	-0.29	0.09	0.10	-0.51	0.00	0.02	-0.01	0.05	0.06	0.02	0.01	-0.01	0.02	-0.03	0.00
18005	7850	0.1117	0.1134	66.78	<.0001	-0.98	-0.39	-0.04	0.04	-0.34	-0.08	-0.03	0.00	0.00	0.00	0.01	0.01	-0.02	-0.03	-0.07	0.02
18007	3327	0.6532	0.6548	418.68	<.0001	-1.03	0.13	0.26	0.06	-1.88	-0.03	-0.06	-0.01	-0.01	-0.05	-0.06	0.00	-0.10	-0.06	-0.08	-0.16
18009	501	0.1655	0.1905	7.61	<.0001	-0.50	-0.41	-0.40	-0.49	-0.17	0.01	-0.09	-0.03	-0.05	-0.11	-0.04	-0.12	-0.19	-0.08	-0.04	-0.10
18010	10367	0.0562	0.0576	42.16	<.0001	-1.56	0.07	-0.02	-0.01	0.17	-0.07	-0.04	-0.03	-0.05	-0.07	-0.05	0.04	0.06	0.11	0.06	0.05
18012	501	0.1655	0.1905	7.61	<.0001	-0.50	-0.41	-0.40	-0.49	-0.17	0.01	-0.09	-0.03	-0.05	-0.11	-0.04	-0.12	-0.19	-0.08	-0.04	-0.10
18021	429901	0.0161	0.0161	469.13	<.0001	-1.32	0.01	-0.13	-0.14	-0.01	-0.03	-0.01	0.00	-0.01	-0.01	-0.02	-0.03	-0.02	-0.01	-0.02	-0.03
18022	797	0.2824	0.2959	21.88	<.0001	-1.04	-0.32	-0.22	-0.52	0.08	0.05	-0.04	-0.04	-0.04	-0.06	0.10	-0.16	-0.15	-0.19	-0.18	0.05

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
18027	429901	0.0161	0.0161	469.13	<.0001	-1.32	0.01	-0.13	-0.14	-0.01	-0.03	-0.01	0.00	-0.01	-0.01	-0.02	-0.03	-0.02	-0.01	-0.02	-0.03
18029	27729	0.0196	0.0201	37.99	<.0001	-1.08	0.14	-0.06	-0.10	0.04	-0.05	-0.04	-0.04	0.01	-0.02	0.01	-0.02	-0.04	0.00	0.00	-0.03
18033	34609	0.0787	0.0791	198.00	<.0001	-0.72	-0.54	-0.34	-0.47	0.00	-0.03	-0.05	-0.04	-0.06	-0.04	-0.02	-0.04	-0.03	-0.02	-0.04	-0.03
18035	421515	0.0170	0.0170	487.15	<.0001	-1.34	0.01	-0.13	-0.14	0.00	-0.03	-0.01	-0.01	-0.01	-0.01	-0.01	-0.03	-0.02	-0.01	-0.02	-0.03
18037	11468	0.1897	0.1907	179.92	<.0001	-0.21	-0.02	-0.50	-0.08	-0.89	-0.06	0.03	0.07	0.09	-0.02	-0.01	0.04	0.05	0.05	0.06	0.03
18039	10824	0.2128	0.2139	196.04	<.0001	-0.03	-0.16	-0.18	-0.14	-1.01	-0.09	0.03	0.07	0.08	-0.02	0.00	0.04	0.08	0.06	0.06	0.08
18041	167811	0.0159	0.0160	182.30	<.0001	-1.51	-0.05	-0.18	-0.13	0.00	-0.02	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02
18042	167559	0.0159	0.0160	181.22	<.0001	-1.51	-0.05	-0.18	-0.13	0.00	-0.02	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02
18043	167559	0.0159	0.0160	181.22	<.0001	-1.51	-0.05	-0.18	-0.13	0.00	-0.02	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02
18044	2559	0.0280	0.0337	5.91	<.0001	-0.92	-0.07	0.00	0.01	0.03	-0.02	-0.12	-0.07	-0.10	-0.03	-0.02	0.02	-0.12	-0.03	0.08	-0.02
18047	20528	0.1026	0.1032	157.40	<.0001	-0.40	-0.01	-0.10	-0.03	-0.53	-0.05	-0.01	0.00	0.06	-0.05	0.00	-0.01	0.01	0.00	0.00	0.03
18049	9493	0.2530	0.2542	215.33	<.0001	0.06	-0.07	-0.15	-0.12	-1.16	-0.10	0.07	0.08	0.10	-0.02	0.03	0.07	0.12	0.07	0.06	0.09
18053	3761	0.0230	0.0269	6.91	<.0001	-0.93	-0.12	-0.17	-0.17	0.05	0.04	0.06	0.03	0.02	0.07	0.06	0.03	0.04	0.06	0.12	0.08
18055	1931	0.0589	0.0662	9.05	<.0001	-1.25	0.07	0.02	-0.07	0.18	-0.01	-0.01	-0.06	-0.04	0.02	0.09	0.03	-0.08	0.04	-0.12	0.18
18057	2712	0.0348	0.0402	7.52	<.0001	-1.18	-0.22	-0.15	-0.19	0.09	0.08	-0.02	0.05	-0.01	0.05	0.04	0.05	0.02	0.02	-0.06	-0.03
18059	3950	0.3218	0.3244	125.94	<.0001	-1.32	-0.04	-0.61	-0.19	-0.04	-0.06	-0.03	0.00	0.00	0.00	-0.04	0.04	-0.02	-0.06	0.02	0.03
18060	22958	0.0297	0.0303	47.77	<.0001	-0.82	-0.18	-0.20	-0.20	0.02	-0.04	-0.01	-0.03	-0.01	-0.02	-0.01	-0.02	-0.04	0.00	0.01	0.00
18064	108454	0.0136	0.0138	100.88	<.0001	-1.54	0.18	0.08	0.09	-0.02	-0.01	0.00	0.00	-0.01	0.01	0.02	0.00	0.01	0.01	0.00	-0.01
18066	106704	0.0143	0.0144	103.84	<.0001	-1.54	0.18	0.08	0.09	-0.02	-0.01	0.00	0.00	-0.01	0.01	0.02	0.00	0.01	0.01	0.00	-0.01
18068	106704	0.0143	0.0144	103.84	<.0001	-1.54	0.18	0.08	0.09	-0.02	-0.01	0.00	0.00	-0.01	0.01	0.02	0.00	0.01	0.01	0.00	-0.01
18069	170162	0.0155	0.0156	179.21	<.0001	-1.51	-0.06	-0.18	-0.14	0.00	-0.02	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02
18075	108454	0.0136	0.0138	100.88	<.0001	-1.54	0.18	0.08	0.09	-0.02	-0.01	0.00	0.00	-0.01	0.01	0.02	0.00	0.01	0.01	0.00	-0.01
18077	106704	0.0143	0.0144	103.84	<.0001	-1.54	0.18	0.08	0.09	-0.02	-0.01	0.00	0.00	-0.01	0.01	0.02	0.00	0.01	0.01	0.00	-0.01
18079	7846	0.1745	0.1761	111.59	<.0001	-0.87	-0.47	-0.19	-0.24	-0.01	0.00	-0.03	0.04	-0.01	0.03	-0.02	0.06	0.06	0.04	0.02	0.01
18080	16088	0.1268	0.1277	156.81	<.0001	0.06	0.01	-0.11	-0.07	-0.69	-0.14	0.02	0.00	0.01	-0.02	0.00	-0.02	0.08	-0.01	-0.01	0.07
18081	1045	0.1455	0.1578	12.85	<.0001	-0.32	-0.11	-0.38	-0.50	0.03	-0.10	-0.23	-0.12	-0.17	-0.15	-0.21	-0.07	-0.07	-0.05	-0.14	-0.20
18084	48					0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18087	34528	0.0408	0.0412	98.88	<.0001	-1.52	-0.07	-0.10	-0.14	0.00	0.05	0.02	0.00	-0.03	0.07	0.07	0.10	0.13	0.02	0.00	-0.07
18090	84	0.0398	0.2133	1.23	0.2725	-0.12	-0.21	-0.33	-0.27	0.16	-0.16	-0.25	-0.12	-0.19	-0.19	-0.08	-0.03	-0.09	-0.02	-0.08	0.03
18095	84	0.0398	0.2133	1.23	0.2725	-0.12	-0.21	-0.33	-0.27	0.16	-0.16	-0.25	-0.12	-0.19	-0.19	-0.08	-0.03	-0.09	-0.02	-0.08	0.03
18097	34528	0.0408	0.0412	98.88	<.0001	-1.52	-0.07	-0.10	-0.14	0.00	0.05	0.02	0.00	-0.03	0.07	0.07	0.10	0.13	0.02	0.00	-0.07
18099	373	0.0942	0.1307	3.58	<.0001	-1.28	-0.11	-0.27	-0.17	0.00	-0.07	-0.05	-0.18	-0.12	0.04	0.04	-0.05	0.02	-0.10	-0.20	-0.22
18107	264	0.1329	0.1823	3.69	<.0001	-0.57	-0.06	-0.17	-0.12	0.11	-0.08	-0.13	0.00	-0.08	0.05	-0.02	0.07	0.06	0.07	-0.09	-0.03
18110	927	0.1776	0.1909	14.33	<.0001	-0.44	0.04	-0.15	-0.06	0.09	-0.25	-0.46	0.10	0.38	-0.58	-0.09	0.28	-0.11	-0.56	-0.39	-0.03
18112	1905	0.0584	0.0658	8.87	<.0001	-1.54	0.02	-0.05	-0.11	-0.03	0.09	-0.06	0.04	-0.07	0.19	0.06	0.09	0.11	0.02	-0.01	-0.07
18114	420	0.1240	0.1553	4.95	<.0001	-0.77	-0.13	-0.09	-0.21	-0.01	0.02	-0.06	0.05	-0.05	0.12	0.18	0.05	0.17	0.01	-0.15	-0.01
18117	10					0.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18127	1009	0.0689	0.0828	5.98	<.0001	-0.04	-0.20	-0.15	-0.23	0.10	-0.13	-0.21	-0.09	-0.06	-0.15	-0.16	-0.13	-0.19	-0.11	-0.13	-0.19
18128	2664	0.0211	0.0266	4.82	<.0001	-0.45	-0.11	-0.08	-0.13	0.01	0.00	0.07	0.00	-0.02	0.03	0.00	0.11	0.01	0.00	0.00	0.08
18133	2783	0.0168	0.0221	4.18	<.0001	-0.45	-0.11	-0.07	-0.11	0.00	0.00	0.08	0.02	0.01	0.04	0.02	0.12	0.02	0.00	0.00	0.08
18135	4240	0.0348	0.0383	11.20	<.0001	-1.57	-0.06	-0.06	-0.11	0.00	0.05	0.04	-0.02	-0.04	0.02	0.08	0.10	0.11	0.03	0.00	-0.08
18137	4240	0.0348	0.0383	11.20	<.0001	-1.57	-0.06	-0.06	-0.11	0.00	0.05	0.04	-0.02	-0.04	0.02	0.08	0.10	0.11	0.03	0.00	-0.08
18142	34528	0.0408	0.0412	98.88	<.0001	-1.52	-0.07	-0.10	-0.14	0.00	0.05	0.02	0.00	-0.03	0.07	0.07	0.10	0.13	0.02	0.00	-0.07
18144	6864	0.0399	0.0420	20.00	<.0001	-1.54	-0.05	-0.10	-0.14	0.01	0.04	0.02	0.00	0.02	0.04	0.09	0.10	0.15	0.03	0.01	-0.05
18150	8117	0.0155	0.0173	9.50	<.0001	-0.53	-0.14	-0.28	-0.14	-0.04	-0.04	-0.03	0.00	-0.01	-0.05	-0.03	-0.04	-0.12	-0.10	0.02	0.01
18151	36904	0.0106	0.0110	27.30	<.0001	-0.58	0.06	-0.07	-0.01	0.01	-0.08	-0.12	-0.10	-0.12	-0.08	-0.08	-0.07	-0.04	-0.02	-0.04	0.00
18155	11540	0.0355	0.0368	29.34	<.0001	-0.63	-0.01	-0.03	-0.16	0.01	0.06	0.18	0.12	0.13	0.11	0.12	0.16	0.15	0.14	0.10	0.02
18157	422	0.2136	0.2417	8.62	<.0001	0.25	-0.51	-0.54	-0.08	0.07	-0.11	-0.23	-0.49	-0.04	-0.20	-0.33	-0.61	-0.40	-0.37	-0.31	-0.36
18159	48261	0.0108	0.0111	36.20	<.0001	-0.56	0.00	-0.09	-0.05	-0.13	-0.02	0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.01	-0.01	0.03	-0.01
18166	31516	0.0113	0.0117	24.97	<.0001	-0.69	0.09	-0.04	0.02	0.01	-0.05	-0.11	-0.11	-0.10	-0.04	-0.03	-0.04	0.00	0.01	-0.03	0.01
18167	64118	0.0067	0.0069	29.81	<.0001	-0.76	0.10	-0.03	-0.01	0.00	-0.02	-0.03	-0.06	-0.02	-0.03	-0.03	-0.02	0.00	0.00	-0.04	0.00
18168	159725	0.0070	0.0071	76.07	<.0001	-0.74	0.10	-0.03	0.00	0.00	-0.02	-0.04	-0.07	-0.03	-0.03	-0.03	-0.03	0.00	0.00	-0.04	0.00
18170	7987	0.0349	0.0367	20.27	<.0001	-0.77	0.02	-0.25	-0.12	-0.03	-0.07	-0.02	-0.03	0.05	-0.02	0.02	0.01	-0.07	0.00	-0.06	-0.12
18171	10509	0.0500	0.0514	37.88	<.0001	-0.47	-0.03	-0.23	-0.21	-0.11	-0.06	-0.01	-0.03	-0.07	-0.04	-0.12	-0.10	-0.08	-0.06	-0.10	-0.05

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
18172	4257	0.0781	0.0814	25.05	<.0001	-0.55	0.06	-0.28	-0.26	-0.04	-0.11	-0.07	-0.13	-0.07	-0.05	-0.01	-0.14	-0.08	-0.02	-0.10	-0.02
18173	319	0.1507	0.1907	4.76	<.0001	-0.37	0.00	-0.10	-0.12	0.30	-0.17	-0.02	-0.10	-0.04	-0.12	-0.13	-0.15	-0.10	0.01	0.02	-0.05
18174	16583	0.0190	0.0199	22.45	<.0001	-0.99	-0.02	-0.08	0.06	0.04	0.07	0.11	0.13	0.14	0.17	0.14	0.15	0.12	0.17	0.12	0.04
18175	487	0.0925	0.1205	4.30	<.0001	0.31	-0.28	-0.12	-0.02	-0.07	-0.06	0.02	-0.07	0.14	-0.12	0.07	0.37	-0.06	0.27	0.00	0.10
18176	1428	0.4026	0.4089	65.11	<.0001	-0.75	0.75	-0.06	-0.09	-0.07	-0.09	0.05	-0.20	-0.31	-0.43	-0.48	-0.53	-0.60	-0.14	-0.07	-0.19
18178	9835	0.0573	0.0587	40.82	<.0001	-0.50	-0.08	-0.28	-0.30	-0.04	0.01	0.00	-0.02	-0.02	-0.01	-0.01	-0.03	0.01	0.03	-0.06	0.00
18185	8114	0.0204	0.0222	12.27	<.0001	-0.51	-0.05	-0.04	0.00	-0.21	-0.06	-0.02	-0.01	-0.08	-0.08	-0.10	-0.12	-0.09	-0.21	-0.11	-0.02
18190	4152	0.0287	0.0322	9.19	<.0001	-0.47	-0.17	-0.13	-0.03	-0.09	-0.08	0.05	-0.01	0.00	-0.11	-0.02	-0.07	-0.08	-0.15	-0.16	-0.16
18191	5927	0.1060	0.1083	47.84	<.0001	-0.45	0.08	-0.14	-0.26	0.00	-0.01	-0.07	0.00	-0.03	-0.03	-0.02	-0.08	-0.04	-0.04	-0.07	-0.08
18192	879	0.1452	0.1598	10.94	<.0001	-0.44	-0.02	-0.16	-0.37	0.04	0.13	-0.02	0.03	0.06	-0.21	-0.05	-0.07	-0.09	0.30	0.19	0.37
18196	16922	0.0346	0.0355	41.47	<.0001	-1.15	-0.19	-0.17	-0.10	0.00	-0.03	-0.03	-0.05	-0.01	-0.03	-0.05	-0.02	-0.02	-0.06	-0.05	-0.04
18198	48261	0.0108	0.0111	36.20	<.0001	-0.56	0.00	-0.09	-0.05	-0.13	-0.02	0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.01	-0.01	0.03	-0.01
18199	31489	0.0116	0.0121	25.67	<.0001	-0.69	0.09	-0.04	0.02	0.01	-0.05	-0.11	-0.11	-0.10	-0.05	-0.03	-0.05	-0.01	0.01	-0.02	0.00
18200	9835	0.0573	0.0587	40.82	<.0001	-0.50	-0.08	-0.28	-0.30	-0.04	0.01	0.00	-0.02	-0.02	-0.01	-0.01	-0.03	0.01	0.03	-0.06	0.00
18203	1109	0.2867	0.2964	30.69	<.0001	-1.44	-0.12	-0.04	-0.36	-1.76	-0.21	0.16	-0.54	-0.40	-0.18	0.32	0.35	0.40	-0.15	0.58	-0.24
18204	4019	0.0868	0.0903	26.47	<.0001	-0.46	-0.24	-0.38	-0.30	-0.72	-0.23	-0.08	-0.54	-0.33	-0.24	-0.20	-0.03	-0.06	-0.15	0.04	-0.20
18205	8092	0.0891	0.0908	53.76	<.0001	-0.46	-0.26	-0.38	-0.30	-0.72	-0.27	-0.09	-0.54	-0.34	-0.23	-0.20	-0.02	-0.05	-0.14	0.03	-0.19
18208	4019	0.0868	0.0903	26.47	<.0001	-0.46	-0.24	-0.38	-0.30	-0.72	-0.23	-0.08	-0.54	-0.33	-0.24	-0.20	-0.03	-0.06	-0.15	0.04	-0.20
18209	17488	0.0231	0.0239	28.51	<.0001	-0.60	0.02	0.01	-0.13	0.03	-0.08	-0.05	-0.04	0.01	-0.02	-0.09	-0.02	-0.01	-0.05	-0.02	-0.05
18210	10384	0.0246	0.0261	18.49	<.0001	-0.98	0.15	-0.11	-0.08	0.02	0.14	0.10	0.02	0.04	0.01	0.02	0.10	0.07	0.01	0.04	0.09
18212	8744	0.0222	0.0239	14.24	<.0001	-0.60	0.02	0.01	-0.13	0.03	-0.08	-0.05	-0.04	0.01	-0.02	-0.09	-0.02	-0.01	-0.05	-0.02	-0.05
18213	8744	0.0222	0.0239	14.24	<.0001	-0.60	0.02	0.01	-0.13	0.03	-0.08	-0.05	-0.04	0.01	-0.02	-0.09	-0.02	-0.01	-0.05	-0.02	-0.05
18214	39041	0.0073	0.0077	20.18	<.0001	-0.39	-0.01	-0.09	-0.05	-0.04	-0.03	0.01	-0.02	0.00	0.03	-0.03	-0.01	-0.03	0.01	-0.01	-0.02
18215	15321	0.0256	0.0266	27.88	<.0001	-0.55	0.03	-0.10	-0.10	-0.01	0.02	0.01	0.03	0.05	0.09	0.02	0.04	0.02	-0.04	-0.02	-0.04
18216	2647	0.0678	0.0731	13.84	<.0001	0.12	-0.27	-0.60	-0.33	-0.11	-0.18	-0.15	0.08	-0.08	0.01	-0.05	0.05	0.01	0.08	-0.12	-0.01
18217	3811	0.0939	0.0975	27.34	<.0001	-0.65	-0.31	-0.46	-0.15	-0.05	-0.11	-0.07	-0.07	-0.02	0.06	0.05	0.08	-0.03	-0.06	-0.15	-0.09
18220	467	0.1152	0.1437	5.05	<.0001	-0.26	0.26	-0.04	-0.18	0.02	-0.31	-0.10	-0.52	-0.25	-0.26	-0.22	-0.17	0.09	-0.31	-0.22	-0.09
18223	2647	0.0678	0.0731	13.84	<.0001	0.12	-0.27	-0.60	-0.33	-0.11	-0.18	-0.15	0.08	-0.08	0.01	-0.05	0.05	0.01	0.08	-0.12	-0.01
18226	2647	0.0678	0.0731	13.84	<.0001	0.12	-0.27	-0.60	-0.33	-0.11	-0.18	-0.15	0.08	-0.08	0.01	-0.05	0.05	0.01	0.08	-0.12	-0.01
18228	3811	0.0939	0.0975	27.34	<.0001	-0.65	-0.31	-0.46	-0.15	-0.05	-0.11	-0.07	-0.07	-0.02	0.06	0.05	0.08	-0.03	-0.06	-0.15	-0.09
18229	54044	0.0090	0.0092	33.62	<.0001	-0.35	0.03	-0.04	-0.08	-0.01	0.00	-0.01	0.02	0.00	0.01	0.03	0.02	-0.02	0.00	-0.01	-0.03
18230	43075	0.0351	0.0354	105.41	<.0001	-0.14	-0.12	-0.16	-0.25	-0.06	0.03	0.00	0.05	0.06	0.08	0.02	0.03	0.00	-0.01	-0.01	-0.01
18231	15321	0.0256	0.0266	27.88	<.0001	-0.55	0.03	-0.10	-0.10	-0.01	0.02	0.01	0.03	0.05	0.09	0.02	0.04	0.02	-0.04	-0.02	-0.04
18232	68					0.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18235	68					0.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18238	507	0.0665	0.0942	3.40	<.0001	0.08	-0.03	-0.09	-0.06	-0.03	0.00	0.00	0.01	0.16	0.07	0.11	-0.01	0.00	0.14	-0.09	0.07
18239	3710	0.4343	0.4366	190.85	<.0001	-0.86	-0.34	-0.21	-0.26	-1.43	0.00	0.06	-0.02	0.06	0.09	-0.06	-0.07	0.16	0.16	0.05	0.14
18241	3710	0.4343	0.4366	190.85	<.0001	-0.86	-0.34	-0.21	-0.26	-1.43	0.00	0.06	-0.02	0.06	0.09	-0.06	-0.07	0.16	0.16	0.05	0.14
18243	3152	0.0925	0.0969	22.42	<.0001	-0.19	-0.10	-0.10	-0.20	-0.08	0.05	0.06	-0.01	-0.01	0.05	0.06	-0.03	0.01	0.00	0.04	-0.03
18244	7192	0.0287	0.0307	15.15	<.0001	-0.43	0.13	-0.06	-0.01	-0.01	0.04	-0.01	0.04	0.03	0.06	0.04	0.03	0.03	0.00	0.04	0.07
18245	7192	0.0287	0.0307	15.15	<.0001	-0.43	0.13	-0.06	-0.01	-0.01	0.04	-0.01	0.04	0.03	0.06	0.04	0.03	0.03	0.00	0.04	0.07
18246	7192	0.0287	0.0307	15.15	<.0001	-0.43	0.13	-0.06	-0.01	-0.01	0.04	-0.01	0.04	0.03	0.06	0.04	0.03	0.03	0.00	0.04	0.07
18247	7192	0.0287	0.0307	15.15	<.0001	-0.43	0.13	-0.06	-0.01	-0.01	0.04	-0.01	0.04	0.03	0.06	0.04	0.03	0.03	0.00	0.04	0.07
18248	1259	0.0558	0.0671	5.96	<.0001	-0.49	0.01	-0.14	-0.25	-0.17	-0.09	-0.12	-0.10	-0.20	-0.08	-0.06	-0.07	0.03	-0.13	-0.08	-0.15
18249	247	0.6869	0.7060	36.98	<.0001	-0.21	-0.19	-1.07	-0.79	-1.19	-0.24	-0.51	-0.64	-0.51	-0.13	0.06	0.24	-0.37	-0.48	-0.45	-0.18
18251	230	0.7277	0.7456	41.81	<.0001	-0.44	0.02	-1.02	-0.80	-1.10	-0.09	-0.35	-0.53	-0.37	-0.22	-0.24	-0.17	-0.03	-0.38	-0.30	0.00
18252	1259	0.0558	0.0671	5.96	<.0001	-0.49	0.01	-0.14	-0.25	-0.17	-0.09	-0.12	-0.10	-0.20	-0.08	-0.06	-0.07	0.03	-0.13	-0.08	-0.15
18253	1259	0.0558	0.0671	5.96	<.0001	-0.49	0.01	-0.14	-0.25	-0.17	-0.09	-0.12	-0.10	-0.20	-0.08	-0.06	-0.07	0.03	-0.13	-0.08	-0.15
18254	205	0.7587	0.7765	43.77	<.0001	-0.67	0.00	-0.62	-0.38	-1.43	-0.02	-0.29	-0.37	-0.13	-0.06	-0.14	-0.01	-0.33	-0.22	-0.15	0.16
18255	8344	0.0043	0.0061	3.42	<.0001	-0.63	-0.03	-0.02	-0.04	-0.01	0.00	-0.03	-0.02	0.03	-0.02	0.05	-0.04	0.04	0.03	-0.01	0.01
18256	205	0.7587	0.7765	43.77	<.0001	-0.67	0.00	-0.62	-0.38	-1.43	-0.02	-0.29	-0.37	-0.13	-0.06	-0.14	-0.01	-0.33	-0.22	-0.15	0.16
18257	478	0.4994	0.5152	32.73	<.0001	-0.24	0.07	-0.17	0.43	-2.11	-0.56	0.54	-1.03	-0.22	1.26	-0.22	0.23	-0.54	-0.40	-0.30	0.48
18258	22589	0.0274	0.0281	43.45	<.0001	-1.02	0.10	-0.01	0.23	-0.03	-0.03	-0.03	0.00	-0.01	0.03	0.00	-0.01	-0.01	-0.01	0.01	0.00
18260	3					0.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
18262	12					0.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18264	1523	0.1272	0.1359	15.79	<.0001	-1.14	0.35	0.32	0.53	0.00	-0.12	0.16	0.00	-0.05	0.10	-0.14	0.00	0.16	0.05	-0.04	0.08
18266	22589	0.0274	0.0281	43.45	<.0001	-1.02	0.10	-0.01	0.23	-0.03	-0.03	-0.03	0.00	-0.01	0.03	0.00	-0.01	-0.01	-0.01	0.01	0.00
18271	4259	0.0468	0.0502	14.94	<.0001	0.75	-0.05	-0.19	-0.06	0.05	-0.05	-0.08	-0.06	-0.24	-0.18	-0.18	-0.23	-0.21	-0.14	0.01	-0.01
18272	1807	0.1577	0.1647	23.54	<.0001	0.35	-0.04	-0.18	-0.45	-0.04	-0.03	0.03	0.13	0.06	0.02	0.05	0.05	-0.12	-0.11	-0.29	0.04
18274	3106	0.0351	0.0397	8.53	<.0001	-0.42	0.04	-0.08	-0.10	0.10	-0.06	0.00	-0.14	0.03	0.14	0.01	0.15	0.02	-0.04	0.09	0.13
18277	6212	0.0374	0.0397	17.09	<.0001	-0.42	0.04	-0.08	-0.10	0.10	-0.06	0.00	-0.14	0.03	0.14	0.01	0.15	0.02	-0.04	0.09	0.13
18279	410	0.3649	0.3882	16.67	<.0001	-0.17	-0.22	-1.69	-0.36	-0.06	0.05	0.27	-0.05	-0.01	0.18	0.21	0.14	0.08	0.15	-0.04	0.02
18283	537	0.1977	0.2201	9.80	<.0001	-0.01	-0.17	-0.94	-0.39	0.13	-0.10	-0.10	-0.49	-0.33	-0.19	-0.08	0.01	0.07	-0.07	-0.05	-0.11
18286	25					0.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18288	5549	0.1032	0.1057	43.58	<.0001	-0.62	-0.07	-0.20	-0.23	-0.03	0.04	-0.07	0.02	0.00	0.00	0.01	0.02	-0.01	0.01	-0.04	0.02
18291	13708	0.0145	0.0156	14.49	<.0001	-1.50	0.07	-0.11	-0.05	-0.01	-0.01	-0.05	0.01	-0.04	-0.04	-0.06	-0.03	-0.05	-0.04	-0.02	-0.06
18295	95	0.1198	0.2603	1.85	0.0413	-0.97	0.01	-0.30	-0.09	0.06	-0.15	-0.27	-0.34	-0.22	-0.07	-0.18	-0.27	-0.25	-0.48	-0.09	-0.13
18301	5867	0.0232	0.0257	10.29	<.0001	-0.93	0.08	-0.08	0.00	-0.03	-0.04	-0.01	-0.03	-0.10	-0.03	-0.07	-0.05	-0.05	-0.06	-0.04	0.00
18305	1420	0.0262	0.0365	3.55	<.0001	-0.85	-0.01	0.04	0.05	0.02	0.06	0.16	-0.02	0.03	-0.01	0.01	0.05	-0.10	0.01	0.06	-0.07
18308	4293	0.0301	0.0335	9.88	<.0001	-1.02	0.18	0.01	0.04	-0.04	0.01	-0.01	-0.04	-0.02	-0.02	0.00	0.01	0.08	-0.03	-0.04	-0.01
18313	330	0.1943	0.2311	6.29	<.0001	-0.70	0.00	0.21	-0.17	0.06	0.25	0.18	0.20	0.07	0.11	0.08	0.10	0.00	0.01	-0.04	0.06
18317	109	0.2561	0.3594	3.48	0.0001	-0.78	0.36	-0.24	0.06	0.07	0.02	0.04	-0.04	-0.05	-0.28	-0.02	0.18	0.19	0.06	-0.01	0.16
18319	4293	0.0301	0.0335	9.88	<.0001	-1.02	0.18	0.01	0.04	-0.04	0.01	-0.01	-0.04	-0.02	-0.02	0.00	0.01	0.08	-0.03	-0.04	-0.01
18320	287	0.1586	0.2027	4.59	<.0001	-0.47	-0.29	-0.16	-0.04	0.14	-0.33	-0.02	-0.23	-0.12	-0.02	-0.05	-0.20	0.05	0.01	-0.31	-0.08
18323	1227	0.0480	0.0596	5.12	<.0001	-0.95	0.14	0.03	0.02	-0.06	0.01	0.01	-0.07	-0.01	0.08	0.05	0.11	0.11	0.11	-0.08	0.05
18324	588	0.0716	0.0953	4.02	<.0001	-0.72	0.15	0.02	0.02	-0.05	-0.15	-0.08	0.07	0.09	0.15	0.24	0.06	0.13	0.01	0.16	0.05
18326	1178	0.0773	0.0890	7.57	<.0001	-0.88	0.05	-0.18	0.07	-0.03	0.02	-0.20	0.07	0.12	0.10	0.07	0.08	0.09	0.01	0.09	0.05
18330	3344	0.1574	0.1612	42.63	<.0001	-0.76	0.02	-0.19	-0.22	-0.02	0.09	0.12	0.09	0.03	0.08	0.10	0.13	0.07	0.15	0.03	0.00
18334	3344	0.1574	0.1612	42.63	<.0001	-0.76	0.02	-0.19	-0.22	-0.02	0.09	0.12	0.09	0.03	0.08	0.10	0.13	0.07	0.15	0.03	0.00
18335	6084	0.0348	0.0372	15.62	<.0001	-0.22	-0.11	-0.14	-0.14	0.00	0.00	0.02	-0.02	0.00	0.04	0.01	0.05	-0.01	0.04	-0.01	-0.05
18337	9374	0.0975	0.0989	68.48	<.0001	-0.68	-0.08	-0.15	-0.13	-0.01	-0.04	-0.05	0.13	0.09	0.14	0.15	0.18	0.12	0.15	0.10	0.00
18338	4687	0.0960	0.0989	34.18	<.0001	-0.68	-0.08	-0.15	-0.13	-0.01	-0.04	-0.05	0.13	0.09	0.14	0.15	0.18	0.12	0.15	0.10	0.00
18342	4730	0.1984	0.2010	79.05	<.0001	-1.52	-0.01	-0.10	0.13	-1.14	0.01	0.28	0.02	0.15	-0.07	0.17	0.03	0.08	0.16	0.21	0.06
18344	429901	0.0161	0.0161	469.13	<.0001	-1.32	0.01	-0.13	-0.14	-0.01	-0.03	-0.01	0.00	-0.01	-0.01	-0.02	-0.03	-0.02	-0.01	-0.02	-0.03
18345	3220	0.3481	0.3511	115.58	<.0001	-1.79	0.14	0.09	0.00	-1.57	0.25	0.36	0.16	0.12	0.05	0.27	-0.03	0.21	0.15	0.34	0.02
18346	3221	0.3469	0.3500	115.04	<.0001	-1.79	0.14	0.09	0.01	-1.57	0.28	0.36	0.16	0.12	0.05	0.26	-0.03	0.22	0.15	0.34	0.02
18347	3462	0.3006	0.3036	100.16	<.0001	-1.85	0.14	0.20	0.11	-1.47	0.26	0.38	0.19	0.23	0.03	0.31	0.06	0.30	0.15	0.40	0.10
18348	3233	0.3473	0.3503	115.64	<.0001	-1.78	0.14	0.10	0.00	-1.57	0.26	0.35	0.16	0.12	0.04	0.26	-0.03	0.21	0.16	0.35	0.02
18349	19081	0.2580	0.2586	443.36	<.0001	-0.84	-0.45	-0.26	-0.55	-1.41	0.03	-0.08	-0.07	0.04	-0.10	-0.11	-0.10	-0.02	0.06	-0.04	-0.03
18350	15985	0.3591	0.3597	598.10	<.0001	-1.43	0.17	0.27	-0.12	-1.70	0.09	0.00	-0.04	0.13	-0.01	-0.11	0.01	0.06	0.09	0.04	0.01
18351	15911	0.3605	0.3611	598.93	<.0001	-1.42	0.17	0.27	-0.13	-1.71	0.09	0.00	-0.04	0.13	-0.02	-0.11	0.01	0.05	0.09	0.04	0.01
18352	15911	0.3605	0.3611	598.93	<.0001	-1.42	0.17	0.27	-0.13	-1.71	0.09	0.00	-0.04	0.13	-0.02	-0.11	0.01	0.05	0.09	0.04	0.01
18353	8105	0.4551	0.4561	452.24	<.0001	-1.19	0.09	-0.10	-0.21	-1.62	-0.04	0.09	0.09	0.11	0.15	0.15	0.03	0.13	0.07	0.02	0.04
18354	5828	0.0232	0.0257	10.23	<.0001	-0.93	0.08	-0.08	-0.01	-0.03	-0.04	-0.01	-0.03	-0.10	-0.03	-0.07	-0.05	-0.05	-0.06	-0.04	0.00
18356	69					0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18360	9547	0.0092	0.0107	6.90	<.0001	-0.06	0.05	-0.03	-0.04	-0.04	-0.04	0.02	-0.01	-0.03	0.03	0.09	0.03	0.00	-0.04	0.00	-0.03
18362	50493	0.0128	0.0131	44.68	<.0001	-0.81	-0.03	-0.05	-0.07	-0.02	0.03	0.03	0.04	0.00	-0.01	-0.02	-0.03	-0.05	-0.02	0.05	0.00
18363	1					0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18364	41605	0.0379	0.0383	110.34	<.0001	-1.85	0.28	-0.08	-0.19	-0.03	-0.04	-0.01	-0.05	-0.04	-0.05	0.00	0.01	0.00	-0.02	-0.02	-0.03
18365	86632	0.0199	0.0201	118.46	<.0001	-0.70	-0.08	-0.12	-0.11	0.02	-0.03	-0.03	-0.04	0.00	0.00	-0.01	0.00	-0.04	0.00	-0.02	-0.03
18369	3038	0.0787	0.0833	18.30	<.0001	-0.52	0.10	-0.16	-0.19	0.03	-0.07	-0.17	-0.11	-0.08	-0.08	0.01	-0.05	-0.05	-0.03	-0.08	0.00
18370	3038	0.0787	0.0833	18.30	<.0001	-0.52	0.10	-0.16	-0.19	0.03	-0.07	-0.17	-0.11	-0.08	-0.08	0.01	-0.05	-0.05	-0.03	-0.08	0.00
18372	10310	0.0309	0.0323	22.92	<.0001	-1.94	-0.13	-0.13	-0.12	-0.01	-0.01	-0.02	0.01	-0.01	-0.03	0.03	-0.04	0.02	-0.03	-0.05	-0.03
18373	3038	0.0787	0.0833	18.30	<.0001	-0.52	0.10	-0.16	-0.19	0.03	-0.07	-0.17	-0.11	-0.08	-0.08	0.01	-0.05	-0.05	-0.03	-0.08	0.00
18374	5100	0.0177	0.0206	7.13	<.0001	1.65	0.22	0.13	0.07	0.03	-0.10	-0.07	-0.03	-0.04	-0.04	0.00	0.08	-0.05	0.04	0.02	0.01
18375	5100	0.0177	0.0206	7.13	<.0001	1.65	0.22	0.13	0.07	0.03	-0.10	-0.07	-0.03	-0.04	-0.04	0.00	0.08	-0.05	0.04	0.02	0.01
18383	34609	0.0787	0.0791	198.00	<.0001	-0.72	-0.54	-0.34	-0.47	0.00	-0.03	-0.05	-0.04	-0.06	-0.04	-0.02	-0.04	-0.03	-0.02	-0.04	-0.03
18416	34609	0.0787	0.0791	198.00	<.0001	-0.72	-0.54	-0.34	-0.47	0.00	-0.03	-0.05	-0.04	-0.06	-0.04	-0.02	-0.04	-0.03	-0.02	-0.04	-0.03

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
18425	3811	0.0939	0.0975	27.34	<.0001	-0.65	-0.31	-0.46	-0.15	-0.05	-0.11	-0.07	-0.07	-0.02	0.06	0.05	0.08	-0.03	-0.06	-0.15	-0.09
18427	54044	0.0090	0.0092	33.62	<.0001	-0.35	0.03	-0.04	-0.08	-0.01	0.00	-0.01	0.02	0.00	0.01	0.03	0.02	-0.02	0.00	-0.01	-0.03
18428	2647	0.0678	0.0731	13.84	<.0001	0.12	-0.27	-0.60	-0.33	-0.11	-0.18	-0.15	0.08	-0.08	0.01	-0.05	0.05	0.01	0.08	-0.12	-0.01
18429	68					0.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18434	39041	0.0073	0.0077	20.18	<.0001	-0.39	-0.01	-0.09	-0.05	-0.04	-0.03	0.01	-0.02	0.00	0.03	-0.03	-0.01	-0.03	0.01	-0.01	-0.02
18451	58					0.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18456	252	0.1229	0.1754	3.35	<.0001	-0.29	0.11	-0.07	0.14	0.13	-0.16	-0.05	-0.16	0.09	-0.10	-0.06	-0.10	-0.16	-0.09	-0.10	-0.13
18457	5					1.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18459	610	0.0871	0.1096	4.87	<.0001	0.08	-0.38	-0.39	-0.40	0.05	-0.21	-0.16	0.03	-0.16	-0.16	0.00	-0.33	-0.03	0.00	-0.16	-0.17
18460	42024	0.0143	0.0146	41.64	<.0001	-0.17	-0.03	-0.06	-0.01	0.05	-0.01	-0.02	-0.01	-0.01	0.01	0.01	0.03	0.05	0.04	0.04	0.01
19002	715	0.0883	0.1075	5.61	<.0001	0.75	-0.06	-0.02	-0.13	-0.01	-0.02	0.05	0.01	0.03	0.02	0.02	0.06	0.10	0.01	0.07	0.00
19003	23294	0.0130	0.0137	21.50	<.0001	-0.46	-0.10	-0.13	-0.07	0.01	0.00	-0.03	0.00	-0.02	-0.01	-0.06	-0.03	-0.03	-0.03	-0.02	-0.02
19007	23					1.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19008	41433	0.0108	0.0112	31.16	<.0001	-0.41	-0.12	-0.09	-0.12	0.01	0.03	0.01	0.01	0.01	0.02	-0.02	-0.03	-0.01	0.01	-0.01	0.01
19009	57					1.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19014	595	0.1523	0.1737	8.11	<.0001	0.86	0.11	0.09	0.23	0.08	0.00	0.02	-0.11	0.01	0.01	-0.01	0.10	0.00	0.05	0.03	0.08
19019	40780	0.0167	0.0170	47.10	<.0001	-0.14	0.03	-0.11	-0.06	0.00	-0.07	-0.03	-0.02	-0.02	-0.01	-0.01	0.02	-0.02	0.00	-0.02	0.00
19023	40780	0.0167	0.0170	47.10	<.0001	-0.14	0.03	-0.11	-0.06	0.00	-0.07	-0.03	-0.02	-0.02	-0.01	-0.01	0.02	-0.02	0.00	-0.02	0.00
19031	47881	0.0111	0.0115	36.97	<.0001	-0.18	0.02	-0.08	-0.03	0.06	-0.03	-0.03	0.00	-0.01	-0.03	-0.05	-0.06	-0.04	-0.02	-0.04	-0.04
19034	8798	0.0530	0.0546	33.84	<.0001	-0.35	0.06	-0.15	-0.02	-0.03	0.16	0.15	0.23	0.21	0.26	0.20	0.22	0.27	0.18	0.22	0.03
19035	8798	0.0530	0.0546	33.84	<.0001	-0.35	0.06	-0.15	-0.02	-0.03	0.16	0.15	0.23	0.21	0.26	0.20	0.22	0.27	0.18	0.22	0.03
19036	12148	0.0582	0.0594	51.05	<.0001	0.42	-0.22	-0.10	-0.12	0.03	-0.01	0.04	0.07	0.04	0.04	0.03	0.01	-0.01	0.00	-0.02	0.02
19038	10338	0.0222	0.0236	16.65	<.0001	-0.23	-0.08	-0.14	-0.16	0.06	-0.19	-0.14	-0.12	-0.13	-0.11	-0.12	-0.12	-0.11	-0.11	-0.11	-0.10
19039	10338	0.0222	0.0236	16.65	<.0001	-0.23	-0.08	-0.14	-0.16	0.06	-0.19	-0.14	-0.12	-0.13	-0.11	-0.12	-0.12	-0.11	-0.11	-0.11	-0.10
19041	7755	0.0505	0.0523	28.47	<.0001	0.31	0.01	-0.14	-0.08	-0.10	-0.04	-0.06	-0.01	-0.03	0.02	-0.01	0.00	0.04	0.02	0.01	0.02
19045	197477	0.0048	0.0049	65.14	<.0001	-0.40	-0.03	-0.06	-0.01	0.00	0.00	0.02	0.02	0.01	-0.03	-0.02	-0.01	-0.01	0.00	0.01	0.02
19047	129	0.0798	0.1805	1.79	0.0478	0.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19051	225	0.1610	0.2172	3.87	<.0001	-0.44	0.20	0.16	0.53	-0.03	0.06	0.29	0.23	0.08	0.21	0.19	0.18	0.15	0.22	0.16	0.12
19056	23294	0.0130	0.0137	21.50	<.0001	-0.46	-0.10	-0.13	-0.07	0.01	0.00	-0.03	0.00	-0.02	-0.01	-0.06	-0.03	-0.03	-0.03	-0.02	-0.02
19069	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
19070	3369	0.0591	0.0633	15.10	<.0001	-0.62	0.08	0.07	-0.02	0.13	-0.08	-0.06	0.03	0.08	0.06	0.01	-0.01	0.03	0.04	0.03	-0.01
19071	2985	0.0248	0.0297	6.05	<.0001	-0.51	-0.05	-0.08	0.04	0.06	-0.06	-0.16	-0.11	-0.16	-0.08	-0.02	-0.02	-0.02	-0.18	-0.24	-0.20
19074	2434	0.0546	0.0604	10.36	<.0001	-0.44	0.01	-0.10	-0.11	-0.01	-0.01	-0.18	-0.08	-0.11	-0.06	-0.09	-0.06	-0.11	-0.21	-0.23	-0.18
19076	820	0.0650	0.0821	4.79	<.0001	-0.30	0.06	-0.07	-0.17	0.04	-0.13	-0.36	-0.18	-0.31	-0.26	-0.27	-0.34	-0.33	-0.42	-0.49	-0.33
19078	6					1.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19080	6					1.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19081	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
19083	8					2.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19085	3369	0.0591	0.0633	15.10	<.0001	-0.62	0.08	0.07	-0.02	0.13	-0.08	-0.06	0.03	0.08	0.06	0.01	-0.01	0.03	0.04	0.03	-0.01
19086	3369	0.0591	0.0633	15.10	<.0001	-0.62	0.08	0.07	-0.02	0.13	-0.08	-0.06	0.03	0.08	0.06	0.01	-0.01	0.03	0.04	0.03	-0.01
19087	10					0.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19088	169349	0.0187	0.0188	215.82	<.0001	-1.09	-0.07	-0.21	-0.15	0.02	-0.06	-0.03	-0.03	0.00	-0.01	0.01	0.00	-0.02	0.02	0.00	0.02
19089	25322	0.0322	0.0327	57.08	<.0001	-1.28	0.07	-0.18	-0.09	0.00	-0.08	-0.03	-0.07	-0.03	-0.03	-0.06	-0.04	-0.03	-0.05	-0.02	0.01
19090	5323	0.0216	0.0243	8.83	<.0001	-1.25	-0.09	0.00	-0.04	0.05	0.00	-0.10	-0.04	-0.07	-0.04	-0.11	-0.05	-0.06	-0.04	-0.07	-0.02
19095	25322	0.0322	0.0327	57.08	<.0001	-1.28	0.07	-0.18	-0.09	0.00	-0.08	-0.03	-0.07	-0.03	-0.03	-0.06	-0.04	-0.03	-0.05	-0.02	0.01
19096	69					0.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19097	1320	0.0463	0.0571	5.27	<.0001	-1.38	0.15	-0.04	0.08	-0.01	0.00	-0.07	0.05	0.01	0.07	0.05	0.01	0.00	0.04	-0.08	0.00
19098	7					2.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19099	3					0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19100	329	0.1814	0.2189	5.85	<.0001	0.03	0.01	0.05	-0.34	0.16	-0.20	0.05	-0.04	0.09	0.16	0.32	0.05	0.14	-0.02	0.19	0.10
19101	329	0.1814	0.2189	5.85	<.0001	0.03	0.01	0.05	-0.34	0.16	-0.20	0.05	-0.04	0.09	0.16	0.32	0.05	0.14	-0.02	0.19	0.10
19103	462	0.1512	0.1788	6.47	<.0001	0.19	-0.07	0.05	-0.38	0.11	-0.15	0.26	0.13	0.16	0.12	0.30	0.02	0.07	-0.08	0.10	0.06
19104	462	0.1512	0.1788	6.47	<.0001	0.19	-0.07	0.05	-0.38	0.11	-0.15	0.26	0.13	0.16	0.12	0.30	0.02	0.07	-0.08	0.10	0.06
19106	2428	0.0577	0.0636	10.92	<.0001	-0.57	-0.13	-0.29	0.10	-0.03	-0.14	-0.10	-0.07	-0.06	0.03	0.04	0.02	-0.03	0.00	-0.11	-0.14

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
19107	1823	0.0865	0.0940	12.50	<.0001	-0.41	-0.01	0.05	0.08	0.39	-0.43	-0.01	0.22	0.07	-0.30	-0.38	-0.26	-0.41	-0.29	-0.22	-0.14
19108	2680	0.0877	0.0928	18.18	<.0001	-0.52	-0.15	-0.23	0.41	0.06	-0.27	-0.04	0.18	0.26	-0.13	-0.09	-0.15	-0.19	-0.14	-0.24	-0.15
19109	82	0.0661	0.2276	1.41	<.0001	0.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19111	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
19115	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
19116	13757	0.0188	0.0199	18.62	<.0001	-1.18	-0.02	-0.11	-0.06	-0.01	0.01	-0.01	0.00	0.03	-0.03	-0.01	-0.03	0.01	-0.02	0.01	-0.01
19118	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
19120	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
19124	158	0.0708	0.1595	1.80	0.0404	0.29	-0.05	-0.05	-0.14	-0.03	0.17	0.07	0.04	0.06	0.03	0.09	0.10	0.07	0.08	-0.01	0.03
19125	6					1.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19126	3115	0.0443	0.0489	10.62	<.0001	-0.10	-0.01	-0.24	-0.09	-0.04	-0.17	-0.08	-0.04	-0.19	-0.16	-0.05	-0.02	-0.13	-0.14	0.14	-0.12
19127	3660	0.0372	0.0412	10.43	<.0001	-0.21	0.01	-0.19	-0.18	-0.01	-0.11	-0.03	0.07	-0.10	-0.05	-0.03	-0.02	-0.08	-0.07	0.11	-0.16
19128	29307	0.0303	0.0308	61.96	<.0001	-1.00	-0.10	-0.26	-0.23	0.02	-0.01	-0.03	0.02	0.00	0.00	-0.01	-0.02	-0.02	0.00	-0.02	0.01
19129	17					0.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19134	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
19135	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
19137	295	0.3157	0.3506	10.04	<.0001	-1.64	0.70	-0.13	-0.23	-0.03	-0.14	-0.05	-0.10	-0.09	-0.43	-0.16	-0.19	-0.11	-0.10	-0.45	0.11
19140	8531	0.0389	0.0406	24.03	<.0001	-0.35	0.17	-0.02	0.06	0.00	0.00	-0.07	0.04	-0.03	0.00	-0.04	-0.03	-0.07	-0.02	0.01	0.03
19141	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
19142	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
19143	658	0.1863	0.2049	11.03	<.0001	-0.33	0.25	0.01	0.22	-0.28	-0.06	-0.12	-0.22	-0.12	-0.19	0.05	0.02	-0.13	0.15	0.15	0.12
19144	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
19147	158	0.1722	0.2513	3.18	0.0002	-0.59	0.08	0.09	0.24	0.04	-0.04	-0.01	-0.04	0.09	0.00	-0.04	-0.04	0.02	0.02	-0.06	-0.29
19150	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
19151	15					0.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19152	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
19154	167354	0.0070	0.0071	79.49	<.0001	-0.36	-0.07	-0.14	-0.08	0.04	-0.09	-0.05	-0.08	-0.13	-0.09	-0.07	-0.07	-0.07	-0.10	-0.15	-0.10
19155	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
19159	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
19160	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
19161	81	-0.0563	0.1286	0.70	0.7706	0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19162	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
19163	26581	0.0118	0.0124	22.18	<.0001	0.84	-0.04	-0.13	-0.06	0.00	0.01	0.06	0.02	0.01	0.00	0.03	0.03	0.02	0.00	0.01	0.02
19165	2555	0.1245	0.1296	25.20	<.0001	0.06	-0.27	-0.18	-0.24	0.05	-0.04	-0.08	0.02	0.04	-0.02	0.05	0.03	0.02	0.00	0.03	-0.07
19166	2555	0.1245	0.1296	25.20	<.0001	0.06	-0.27	-0.18	-0.24	0.05	-0.04	-0.08	0.02	0.04	-0.02	0.05	0.03	0.02	0.00	0.03	-0.07
19172	21134	0.0424	0.0431	63.38	<.0001	-0.56	-0.09	-0.15	-0.17	0.02	0.05	0.04	-0.02	-0.01	0.07	0.07	0.06	0.09	0.06	0.10	-0.01
19175	10317	0.0376	0.0390	27.85	<.0001	1.68	-0.04	-0.08	-0.16	-0.04	0.03	0.10	0.05	0.00	0.05	0.05	0.04	0.03	-0.03	0.05	-0.02
19177	21134	0.0424	0.0431	63.38	<.0001	-0.56	-0.09	-0.15	-0.17	0.02	0.05	0.04	-0.02	-0.01	0.07	0.07	0.06	0.09	0.06	0.10	-0.01
19183	6662	0.0432	0.0454	21.06	<.0001	-0.95	-0.03	0.00	-0.09	0.03	-0.05	-0.08	-0.03	0.00	-0.06	-0.04	0.02	-0.02	-0.01	0.05	0.03
19184	3187	0.0864	0.0907	21.09	<.0001	-0.46	-0.16	-0.31	-0.17	0.01	-0.04	0.00	-0.03	-0.01	-0.05	0.01	-0.03	0.02	-0.02	0.01	-0.06
19188	1829	0.0747	0.0823	10.84	<.0001	-0.29	-0.21	-0.29	-0.32	-0.05	0.10	0.14	0.04	0.07	0.10	0.14	0.02	-0.02	0.08	0.13	0.04
19197	74					2.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19201	1035	0.1289	0.1416	11.20	<.0001	-1.02	0.12	0.09	-0.05	-0.02	-0.07	-0.09	-0.09	-0.05	-0.10	-0.03	-0.03	0.00	-0.12	-0.07	-0.07
19202	4490	0.0777	0.0807	26.20	<.0001	-0.30	-0.19	-0.31	-0.22	-0.01	0.01	-0.05	-0.03	0.01	-0.02	-0.02	-0.01	0.00	-0.03	-0.06	-0.03
19206	1428	0.1074	0.1167	12.44	<.0001	-0.15	-0.09	-0.11	-0.26	-0.01	0.03	0.10	0.00	-0.04	-0.04	0.06	0.10	0.07	0.08	0.03	0.03
19218	3485	0.0404	0.0445	10.77	<.0001	-0.87	-0.06	-0.07	-0.11	0.01	-0.05	-0.03	-0.06	-0.09	-0.11	-0.04	-0.06	-0.02	-0.02	-0.04	-0.05
19226	2366	0.0902	0.0960	16.64	<.0001	-1.00	-0.02	-0.09	-0.18	0.00	-0.01	0.01	0.01	-0.03	0.06	0.08	0.03	0.07	0.03	0.05	-0.01
19227	115	0.5186	0.5819	9.19	<.0001	-1.48	0.29	0.16	0.28	-0.10	0.12	0.10	0.22	0.08	0.19	0.14	0.17	0.07	0.34	0.09	0.16
19230	3311	0.0516	0.0559	12.99	<.0001	-1.00	-0.05	-0.07	-0.17	-0.03	-0.05	0.03	-0.02	-0.05	0.03	0.00	-0.01	0.01	0.00	0.01	-0.01
19233	465	0.0698	0.0999	3.32	<.0001	-1.32	0.09	-0.11	-0.15	-0.07	-0.21	-0.12	-0.13	-0.10	-0.01	-0.04	-0.05	-0.14	-0.09	-0.20	0.07
19234	673	0.2421	0.2590	15.31	<.0001	-0.83	-0.11	-0.08	-0.29	0.01	-0.11	-0.01	-0.02	-0.05	-0.09	-0.06	-0.17	-0.04	-0.07	-0.05	-0.07
19235	182	0.1572	0.2270	3.25	<.0001	-0.96	-0.50	-0.64	-0.94	0.14	-0.27	-0.07	-0.02	-0.17	-0.01	0.27	-0.03	-0.34	-0.18	-0.05	0.23
19249	3330	0.0634	0.0676	16.02	<.0001	-0.15	-0.04	-0.17	-0.14	-0.01	0.11	0.03	0.02	0.01	0.04	0.00	0.03	0.00	0.01	-0.01	0.08
19260	69					0.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
19263	1727	0.0221	0.0306	3.60	<.0001	-1.03	-0.03	0.06	0.01	0.01	0.33	0.20	0.14	0.06	0.17	0.12	0.03	0.05	0.11	0.11	0.12
19265	169349	0.0187	0.0188	215.82	<.0001	-1.09	-0.07	-0.21	-0.15	0.02	-0.06	-0.03	-0.03	0.00	-0.01	0.01	0.00	-0.02	0.02	0.00	0.02
19270	6067	0.0334	0.0358	14.97	<.0001	-1.20	0.11	-0.20	-0.13	-0.04	-0.03	-0.03	-0.02	0.05	0.03	0.03	-0.03	0.04	0.02	0.06	0.03
19279	3					1.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19280	6					0.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19282	4					0.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19283	1727	0.0221	0.0306	3.60	<.0001	-1.03	-0.03	0.06	0.01	0.01	0.33	0.20	0.14	0.06	0.17	0.12	0.03	0.05	0.11	0.11	0.12
19293	1646	0.0688	0.0772	9.10	<.0001	-1.61	0.06	0.07	-0.17	-0.02	-0.01	0.00	-0.04	-0.17	0.07	0.00	0.03	0.12	0.06	0.06	-0.09
19294	1046	0.0754	0.0886	6.68	<.0001	-0.99	-0.28	-0.26	-0.35	-0.06	-0.08	-0.03	0.00	-0.04	-0.09	-0.19	-0.07	-0.03	0.01	-0.06	-0.09
19296	114	0.4863	0.5545	8.13	<.0001	-0.48	-0.09	-0.26	-0.33	0.22	-0.20	-0.19	-0.08	-0.02	-0.13	-0.28	-0.17	-0.29	-0.26	-0.11	-0.09
19297	22445	0.0307	0.0314	48.46	<.0001	-0.83	-0.08	-0.20	-0.21	0.01	-0.04	-0.08	-0.01	-0.05	-0.03	-0.04	-0.03	-0.08	-0.07	-0.04	0.03
19300	11347	0.0432	0.0445	35.15	<.0001	-1.22	-0.15	-0.25	-0.30	0.03	-0.15	-0.09	-0.11	-0.09	-0.11	-0.13	-0.12	-0.19	-0.13	-0.10	0.00
19303	2105	0.0690	0.0756	11.39	<.0001	-0.92	-0.19	0.09	-0.18	0.06	0.00	-0.07	0.00	-0.09	-0.03	-0.09	-0.12	-0.21	0.02	0.13	0.03
19304	1445	0.1172	0.1264	13.79	<.0001	-0.84	-0.10	-0.03	-0.18	0.03	0.03	0.02	0.00	-0.01	-0.02	0.05	0.06	0.00	-0.01	0.01	-0.06
19318	5016	0.0717	0.0745	26.81	<.0001	-0.42	-0.13	-0.30	-0.20	-0.01	0.00	0.06	0.00	0.01	0.00	0.04	-0.03	0.00	0.02	0.05	-0.02
19322	366	0.1160	0.1523	4.19	<.0001	-0.38	-0.18	-0.12	-0.18	-0.03	0.03	0.00	0.06	0.19	0.10	0.12	0.10	0.13	0.11	0.09	0.01
19324	116	0.1147	0.2302	1.99	0.0229	-0.14	-0.42	-0.26	-0.30	-0.03	0.12	0.09	0.06	0.15	0.13	0.28	0.03	0.09	0.10	0.22	0.11
19334	16363	0.0949	0.0958	115.42	<.0001	-1.98	0.02	-0.17	-0.06	0.00	0.08	0.06	0.05	0.07	0.10	0.12	0.10	0.12	0.09	0.07	-0.01
19335	63025	0.0397	0.0399	174.48	<.0001	-2.42	-0.04	-0.17	-0.13	0.02	0.03	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.03	0.00	-0.02
19336	10159	0.0717	0.0731	53.29	<.0001	-2.00	0.00	-0.14	-0.08	-0.01	0.09	0.07	0.04	0.05	0.08	0.06	0.09	0.05	0.10	0.05	0.00
19337	400	0.0436	0.0796	2.21	0.0057	-4.39	-0.13	-0.14	-0.23	0.07	-0.25	-0.20	-0.18	-0.21	-0.14	-0.17	-0.15	-0.13	-0.22	-0.11	-0.14
19340	167354	0.0070	0.0071	79.49	<.0001	-0.36	-0.07	-0.14	-0.08	0.04	-0.09	-0.05	-0.08	-0.13	-0.09	-0.07	-0.07	-0.07	-0.10	-0.15	-0.10
19345	100	0.3250	0.4273	4.18	<.0001	-1.13	0.25	0.19	-0.07	-0.17	-0.25	-0.21	-0.32	-0.28	-0.56	-0.37	0.10	-0.13	0.72	0.30	-0.36
19348	11066	0.0644	0.0657	51.78	<.0001	-1.64	-0.08	-0.18	-0.14	0.01	-0.02	0.02	0.01	-0.01	-0.04	-0.02	-0.02	-0.03	0.00	0.03	-0.01
19349	109	0.1878	0.3006	2.67	0.0021	-1.39	0.22	0.10	0.10	0.00	-0.23	-0.31	0.00	0.14	-0.23	0.17	-0.12	-0.13	-0.25	-0.15	0.03
19350	276	0.1560	0.2020	4.39	<.0001	-1.79	-0.05	-0.03	0.05	-0.03	0.17	0.18	-0.01	0.19	0.30	0.15	0.38	0.50	0.37	0.14	-0.03
19353	1					2.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19355	29307	0.0303	0.0308	61.96	<.0001	-1.00	-0.10	-0.26	-0.23	0.02	-0.01	-0.03	0.02	0.00	0.00	-0.01	-0.02	-0.02	0.00	-0.02	0.01
19360	18927	0.0218	0.0226	29.09	<.0001	-1.09	-0.10	-0.21	-0.16	0.00	-0.02	0.00	0.03	0.03	0.04	-0.01	-0.04	-0.01	0.00	0.00	-0.01
19361	18927	0.0218	0.0226	29.09	<.0001	-1.09	-0.10	-0.21	-0.16	0.00	-0.02	0.00	0.03	0.03	0.04	-0.01	-0.04	-0.01	0.00	0.00	-0.01
19364	590	0.3337	0.3506	20.66	<.0001	-1.64	0.70	-0.13	-0.23	-0.03	-0.14	-0.05	-0.10	-0.09	-0.43	-0.16	-0.19	-0.11	-0.10	-0.45	0.11
19365	3480	0.2016	0.2050	59.55	<.0001	-0.12	-0.40	-0.18	-0.20	-0.02	-0.05	0.05	0.02	0.04	0.02	-0.02	0.00	0.00	0.01	-0.02	0.03
19366	205	0.3191	0.3691	7.37	<.0001	-0.92	-0.39	-0.19	-0.29	-0.03	-0.01	0.04	-0.05	-0.08	-0.07	0.00	0.00	0.07	-0.07	-0.11	0.11
19367	260	0.1440	0.1936	3.90	<.0001	-0.63	0.53	0.38	0.49	0.03	0.00	0.01	-0.06	0.19	0.02	-0.01	0.05	-0.02	0.18	0.03	0.07
19370	2686	0.0710	0.0762	14.69	<.0001	-0.43	0.12	-0.04	0.11	-0.04	0.05	-0.07	-0.09	-0.10	-0.18	-0.17	-0.08	-0.14	-0.14	-0.11	-0.03
19400	47881	0.0111	0.0115	36.97	<.0001	-0.18	0.02	-0.08	-0.03	0.06	-0.03	-0.03	0.00	-0.01	-0.03	-0.05	-0.06	-0.04	-0.02	-0.04	-0.04
19410	197135	0.0047	0.0048	62.82	<.0001	-0.40	-0.03	-0.06	0.00	0.00	0.00	0.02	0.02	0.01	-0.03	-0.02	-0.01	-0.01	0.00	0.01	0.02
19411	197135	0.0047	0.0048	62.82	<.0001	-0.40	-0.03	-0.06	0.00	0.00	0.00	0.02	0.02	0.01	-0.03	-0.02	-0.01	-0.01	0.00	0.01	0.02
19415	3055	0.0644	0.0690	15.01	<.0001	-0.08	0.02	-0.15	-0.15	-0.02	-0.08	-0.01	-0.06	-0.09	-0.05	-0.09	-0.12	-0.02	-0.03	-0.01	0.12
19418	47881	0.0111	0.0115	36.97	<.0001	-0.18	0.02	-0.08	-0.03	0.06	-0.03	-0.03	0.00	-0.01	-0.03	-0.05	-0.06	-0.04	-0.02	-0.04	-0.04
19422	964	0.2781	0.2894	25.74	<.0001	0.03	-0.08	-0.37	-0.09	-0.10	0.10	0.19	0.10	0.19	0.07	0.06	-0.01	0.11	0.11	0.11	0.21
19423	6255	0.0984	0.1006	46.51	<.0001	0.29	0.02	-0.15	-0.02	0.02	-0.16	-0.12	-0.05	-0.04	-0.06	-0.05	-0.01	-0.04	0.02	-0.03	0.02
19433	23294	0.0130	0.0137	21.50	<.0001	-0.46	-0.10	-0.13	-0.07	0.01	0.00	-0.03	0.00	-0.02	-0.01	-0.06	-0.03	-0.03	-0.03	-0.02	-0.02
19434	688	0.0960	0.1157	5.86	<.0001	0.38	0.04	0.05	-0.14	-0.10	0.29	0.20	-0.03	0.12	0.17	0.00	0.17	0.09	-0.02	0.01	0.16
19435	40780	0.0167	0.0170	47.10	<.0001	-0.14	0.03	-0.11	-0.06	0.00	-0.07	-0.03	-0.02	-0.02	-0.01	-0.01	0.02	-0.02	0.00	-0.02	0.00
19436	10338	0.0222	0.0236	16.65	<.0001	-0.23	-0.08	-0.14	-0.16	0.06	-0.19	-0.14	-0.12	-0.13	-0.11	-0.12	-0.12	-0.11	-0.11	-0.11	-0.10
19437	197477	0.0048	0.0049	65.14	<.0001	-0.40	-0.03	-0.06	-0.01	0.00	0.00	0.02	0.02	0.01	-0.03	-0.02	-0.01	-0.01	0.00	0.01	0.02
19444	23294	0.0130	0.0137	21.50	<.0001	-0.46	-0.10	-0.13	-0.07	0.01	0.00	-0.03	0.00	-0.02	-0.01	-0.06	-0.03	-0.03	-0.03	-0.02	-0.02
19445	197477	0.0048	0.0049	65.14	<.0001	-0.40	-0.03	-0.06	-0.01	0.00	0.00	0.02	0.02	0.01	-0.03	-0.02	-0.01	-0.01	0.00	0.01	0.02
19524	44					1.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19811	197135	0.0047	0.0048	62.82	<.0001	-0.40	-0.03	-0.06	0.00	0.00	0.00	0.02	0.02	0.01	-0.03	-0.02	-0.01	-0.01	0.00	0.01	0.02
19814	129	0.0798	0.1805	1.79	0.0478	0.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19816	12148	0.0582	0.0594	51.05	<.0001	0.42	-0.22	-0.10	-0.12	0.03	-0.01	0.04	0.07	0.04	0.04	0.03	0.01	-0.01	0.00	-0.02	0.02
19823	197477	0.0048	0.0049	65.14	<.0001	-0.40	-0.03	-0.06	-0.01	0.00	0.00	0.02	0.02	0.01	-0.03	-0.02	-0.01	-0.01	0.00	0.01	0.02

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
19833	23294	0.0130	0.0137	21.50	<.0001	-0.46	-0.10	-0.13	-0.07	0.01	0.00	-0.03	0.00	-0.02	-0.01	-0.06	-0.03	-0.03	-0.03	-0.02	-0.02
19858	167354	0.0070	0.0071	79.49	<.0001	-0.36	-0.07	-0.14	-0.08	0.04	-0.09	-0.05	-0.08	-0.13	-0.09	-0.07	-0.07	-0.07	-0.10	-0.15	-0.10
19859	2672	0.1163	0.1213	24.44	<.0001	0.06	-0.26	-0.18	-0.23	0.05	-0.06	-0.08	0.00	0.03	-0.03	0.05	0.03	0.02	-0.01	0.01	-0.07
19860	2672	0.1163	0.1213	24.44	<.0001	0.06	-0.26	-0.18	-0.23	0.05	-0.06	-0.08	0.00	0.03	-0.03	0.05	0.03	0.02	-0.01	0.01	-0.07
19866	167354	0.0070	0.0071	79.49	<.0001	-0.36	-0.07	-0.14	-0.08	0.04	-0.09	-0.05	-0.08	-0.13	-0.09	-0.07	-0.07	-0.07	-0.10	-0.15	-0.10
19867	607	0.0350	0.0589	2.46	0.0016	-1.10	-0.23	-0.05	-0.04	-0.07	0.05	-0.07	-0.05	0.01	-0.09	0.01	0.01	0.06	-0.08	0.02	-0.07
19868	811	0.2328	0.2470	17.38	<.0001	1.33	-0.20	-0.15	-0.22	-0.02	-0.01	0.00	-0.07	-0.01	0.00	-0.02	-0.02	-0.04	0.02	-0.02	-0.03
20005	864	0.2254	0.2389	17.74	<.0001	-1.73	-0.11	0.56	0.35	0.04	0.07	-0.04	0.02	-0.15	-0.02	0.15	0.12	-0.05	-0.10	-0.02	-0.08
20009	34					0.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20011	1031	0.0883	0.1015	7.65	<.0001	-2.19	-0.06	-0.18	-0.08	0.09	-0.06	-0.10	-0.21	-0.13	-0.09	-0.07	-0.05	-0.11	-0.04	-0.22	-0.18
20012	36					0.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20016	2					0.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20017	2					0.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20022	2903	0.2197	0.2238	55.49	<.0001	-1.48	-0.39	-0.34	-0.59	-0.01	0.01	0.06	0.02	0.10	-0.06	0.02	-0.04	-0.06	-0.06	-0.02	-0.09
20027	3437	0.1389	0.1426	37.94	<.0001	-1.32	0.02	-0.14	-0.26	0.06	-0.03	-0.06	0.01	-0.06	0.04	0.05	0.03	0.06	-0.02	0.00	0.01
20028	50035	0.0097	0.0100	33.69	<.0001	-0.71	-0.07	-0.11	-0.16	0.02	0.05	0.06	0.01	0.03	0.01	0.04	0.03	0.01	0.07	0.04	0.03
20030	2084	0.0493	0.0562	8.21	<.0001	-2.20	0.18	-0.05	-0.13	-0.03	0.02	0.01	0.07	-0.02	-0.04	0.03	-0.04	0.05	0.00	0.03	0.01
20031	34					0.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20033	689	0.2954	0.3107	20.23	<.0001	-0.66	-0.21	0.06	-0.02	0.07	-0.08	-0.09	-0.04	-0.08	-0.06	-0.02	-0.03	-0.02	-0.03	0.04	-0.01
20036	3798	0.0149	0.0188	4.84	<.0001	-1.27	0.08	0.07	-0.04	0.02	-0.02	-0.09	-0.03	-0.01	-0.09	-0.11	-0.09	0.00	-0.10	0.04	-0.08
20044	14411	0.0256	0.0266	26.22	<.0001	-2.06	-0.06	-0.05	-0.17	-0.06	0.04	0.00	0.03	-0.01	0.06	0.01	-0.05	-0.03	0.07	-0.03	-0.02
20046	10159	0.0231	0.0245	17.00	<.0001	-0.99	-0.02	-0.06	-0.09	-0.01	-0.02	0.01	0.01	0.01	0.00	-0.01	-0.05	-0.08	0.01	0.04	0.01
20048	24570	0.0348	0.0353	59.99	<.0001	-1.61	0.02	0.09	-0.20	-0.08	0.05	0.00	0.05	-0.02	0.04	-0.01	-0.02	-0.04	0.04	0.02	-0.03
20054	24570	0.0348	0.0353	59.99	<.0001	-1.61	0.02	0.09	-0.20	-0.08	0.05	0.00	0.05	-0.02	0.04	-0.01	-0.02	-0.04	0.04	0.02	-0.03
20060	18560	0.0212	0.0220	27.75	<.0001	-1.95	-0.03	0.02	-0.16	-0.04	-0.02	-0.04	-0.03	-0.08	0.00	-0.07	-0.10	-0.09	0.02	-0.07	-0.01
20061	120	0.1157	0.2272	2.04	0.0191	-1.60	0.11	0.34	0.05	0.02	-0.39	0.26	0.09	0.30	-0.13	0.35	0.20	-0.07	0.13	-0.02	0.12
20064	103	0.4609	0.5402	6.81	<.0001	-0.76	-0.75	-0.67	-0.98	-0.02	-0.50	-0.45	-0.51	-0.49	-0.29	-0.38	-0.46	-0.30	-0.43	-0.68	-0.66
20065	103	0.4609	0.5402	6.81	<.0001	-0.76	-0.75	-0.67	-0.98	-0.02	-0.50	-0.45	-0.51	-0.49	-0.29	-0.38	-0.46	-0.30	-0.43	-0.68	-0.66
20068	708	0.0925	0.1118	5.81	<.0001	0.25	-0.05	-0.13	-0.16	-0.02	-0.06	0.02	-0.01	-0.06	0.01	-0.02	0.06	0.03	0.06	-0.02	-0.03
20077	52					0.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20080	1031	0.0883	0.1015	7.65	<.0001	-2.19	-0.06	-0.18	-0.08	0.09	-0.06	-0.10	-0.21	-0.13	-0.09	-0.07	-0.05	-0.11	-0.04	-0.22	-0.18
20081	22211	0.0809	0.0815	131.36	<.0001	-3.00	-0.04	-0.16	0.02	0.02	0.19	0.17	0.08	0.07	0.22	0.20	0.21	0.19	0.13	0.08	-0.04
20082	214	0.6253	0.6517	24.69	<.0001	-3.27	1.18	-0.01	-0.02	0.17	0.02	0.15	0.06	0.13	-0.06	0.04	0.07	0.05	0.04	0.11	-0.26
20083	1173	0.1065	0.1179	10.31	<.0001	-2.80	0.39	0.21	0.17	0.04	-0.07	0.04	-0.08	-0.01	-0.02	-0.01	-0.13	-0.03	0.02	-0.05	-0.09
20084	821	0.2756	0.2889	21.80	<.0001	-1.34	-0.06	-0.13	-0.22	0.01	-0.07	-0.06	-0.01	0.02	0.00	-0.02	0.00	-0.02	0.01	-0.05	-0.01
20088	187	0.0862	0.1599	2.17	0.0091	0.23	-0.12	-0.28	0.03	0.03	0.04	0.13	0.15	0.30	-0.10	0.14	0.05	0.51	-0.10	0.26	-0.01
20099	64649	0.0456	0.0458	206.88	<.0001	-1.40	-0.32	-0.20	-0.21	-0.01	-0.01	-0.05	0.00	-0.01	-0.04	-0.03	-0.04	-0.04	-0.01	-0.03	-0.01
20105	404	0.2750	0.3019	11.19	<.0001	-0.98	0.56	0.39	0.35	-0.05	-0.39	0.10	-0.08	-0.42	-0.69	-0.22	-0.41	0.10	-0.18	-0.16	-0.12
20107	695	0.0856	0.1054	5.33	<.0001	-0.59	-0.11	-0.23	-0.25	-0.07	0.13	0.29	0.06	0.08	0.06	-0.01	-0.04	0.01	0.10	0.18	0.03
20109	20355	0.0265	0.0272	37.89	<.0001	-1.16	-0.04	-0.16	-0.18	0.04	-0.04	-0.01	0.01	0.04	0.02	0.06	0.02	0.00	-0.03	0.05	0.01
20111	40710	0.0268	0.0272	75.81	<.0001	-1.16	-0.04	-0.16	-0.18	0.04	-0.04	-0.01	0.01	0.04	0.02	0.06	0.02	0.00	-0.03	0.05	0.01
20113	29					0.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20120	43695	0.0285	0.0289	86.55	<.0001	-1.60	-0.20	-0.18	-0.19	0.03	-0.06	-0.08	-0.06	-0.04	-0.05	-0.03	-0.06	-0.03	-0.01	-0.06	-0.02
20124	851	0.1460	0.1611	10.69	<.0001	-0.57	0.02	0.04	-0.22	-0.05	-0.07	-0.06	-0.08	0.01	-0.07	0.00	-0.14	-0.28	-0.04	-0.01	-0.15
20126	32					0.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20320	2903	0.2197	0.2238	55.49	<.0001	-1.48	-0.39	-0.34	-0.59	-0.01	0.01	0.06	0.02	0.10	-0.06	0.02	-0.04	-0.06	-0.06	-0.02	-0.09
20322	2903	0.2197	0.2238	55.49	<.0001	-1.48	-0.39	-0.34	-0.59	-0.01	0.01	0.06	0.02	0.10	-0.06	0.02	-0.04	-0.06	-0.06	-0.02	-0.09
20409	20355	0.0265	0.0272	37.89	<.0001	-1.16	-0.04	-0.16	-0.18	0.04	-0.04	-0.01	0.01	0.04	0.02	0.06	0.02	0.00	-0.03	0.05	0.01
20444	24570	0.0348	0.0353	59.99	<.0001	-1.61	0.02	0.09	-0.20	-0.08	0.05	0.00	0.05	-0.02	0.04	-0.01	-0.02	-0.04	0.04	0.02	-0.03
20481	155	0.0640	0.1552	1.70	0.0568	-3.03	0.18	-0.14	-0.05	-0.09	0.17	0.46	0.15	0.18	0.27	0.11	0.36	0.28	0.35	0.01	0.40
21008	2598	0.0472	0.0527	9.57	<.0001	-0.34	0.14	0.13	0.00	0.05	0.02	-0.02	-0.01	0.03	-0.01	0.04	0.01	-0.02	0.00	0.03	0.05
21009	2598	0.0472	0.0527	9.57	<.0001	-0.34	0.14	0.13	0.00	0.05	0.02	-0.02	-0.01	0.03	-0.01	0.04	0.01	-0.02	0.00	0.03	0.05
21018	849	0.0892	0.1053	6.53	<.0001	-0.10	0.03	-0.07	-0.09	-0.06	0.16	0.06	0.01	0.15	0.02	-0.01	0.07	0.09	0.04	0.06	0.04
21020	24					0.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
21024	6595	0.0165	0.0187	8.37	<.0001	0.07	-0.05	-0.03	-0.09	0.04	0.04	0.00	-0.03	-0.07	0.02	0.03	-0.04	0.03	-0.12	-0.04	0.01
21028	169349	0.0187	0.0188	215.82	<.0001	-1.09	-0.07	-0.21	-0.15	0.02	-0.06	-0.03	-0.03	0.00	-0.01	0.01	0.00	-0.02	0.02	0.00	0.02
22698	4140	0.0326	0.0361	10.29	<.0001	-0.89	-0.08	-0.12	-0.15	0.02	-0.07	-0.05	-0.07	-0.05	-0.05	-0.06	-0.03	-0.06	-0.07	-0.03	-0.03
22901	1455	0.0264	0.0364	3.62	<.0001	0.07	-0.01	-0.03	-0.10	-0.01	0.00	-0.07	-0.06	-0.03	-0.08	-0.11	-0.13	-0.02	-0.08	-0.06	0.05
23557	56422	0.0290	0.0293	113.33	<.0001	-0.59	0.10	-0.04	0.02	-0.05	0.05	0.06	0.04	0.05	0.01	-0.02	-0.08	-0.06	-0.03	-0.05	-0.02
23567	28211	0.0287	0.0293	56.65	<.0001	-0.59	0.10	-0.04	0.02	-0.05	0.05	0.06	0.04	0.05	0.01	-0.02	-0.08	-0.06	-0.03	-0.05	-0.02
23572	28211	0.0287	0.0293	56.65	<.0001	-0.59	0.10	-0.04	0.02	-0.05	0.05	0.06	0.04	0.05	0.01	-0.02	-0.08	-0.06	-0.03	-0.05	-0.02
23577	28211	0.0287	0.0293	56.65	<.0001	-0.59	0.10	-0.04	0.02	-0.05	0.05	0.06	0.04	0.05	0.01	-0.02	-0.08	-0.06	-0.03	-0.05	-0.02
23594	28211	0.0287	0.0293	56.65	<.0001	-0.59	0.10	-0.04	0.02	-0.05	0.05	0.06	0.04	0.05	0.01	-0.02	-0.08	-0.06	-0.03	-0.05	-0.02
23599	28772	0.0253	0.0259	50.88	<.0001	-0.29	0.25	-0.03	0.02	-0.01	-0.12	-0.13	-0.07	-0.05	-0.10	-0.02	-0.04	-0.03	-0.05	-0.11	-0.03
23601	5376	0.0309	0.0337	12.44	<.0001	0.32	0.24	0.05	0.12	-0.05	0.14	0.17	0.06	0.01	0.05	0.09	0.06	0.04	0.04	0.05	0.01
23607	18235	0.0293	0.0301	37.68	<.0001	0.13	0.15	0.02	0.01	-0.03	0.01	0.09	0.02	0.11	0.08	0.12	0.09	0.05	0.06	-0.05	0.00
23609	24063	0.0272	0.0278	45.86	<.0001	-0.58	0.10	-0.03	0.02	-0.04	0.04	0.07	0.05	0.05	0.02	-0.01	-0.06	-0.05	-0.01	-0.04	-0.02
23611	16514	0.0278	0.0287	32.46	<.0001	-0.32	0.14	0.03	0.00	-0.03	-0.05	-0.03	0.06	0.05	0.03	0.00	-0.03	-0.01	-0.08	-0.05	-0.07
23616	3379	0.0577	0.0619	14.80	<.0001	-0.50	0.13	-0.03	0.04	-0.06	0.00	0.07	0.10	0.02	-0.01	-0.06	-0.03	-0.08	0.00	-0.01	0.01
23625	16514	0.0278	0.0287	32.46	<.0001	-0.32	0.14	0.03	0.00	-0.03	-0.05	-0.03	0.06	0.05	0.03	0.00	-0.03	-0.01	-0.08	-0.05	-0.07
23627	18235	0.0293	0.0301	37.68	<.0001	0.13	0.15	0.02	0.01	-0.03	0.01	0.09	0.02	0.11	0.08	0.12	0.09	0.05	0.06	-0.05	0.00
23636	8297	0.0256	0.0274	15.56	<.0001	-0.63	-0.01	-0.02	0.00	-0.06	0.03	0.03	0.05	0.03	-0.02	-0.10	-0.14	-0.08	-0.01	-0.01	-0.03
42040	571	0.2393	0.2593	12.95	<.0001	-0.73	-0.42	0.29	0.15	-0.05	0.00	-0.09	-0.22	-0.07	0.16	0.23	0.22	0.17	-0.11	0.02	0.17
42055	477	0.2245	0.2489	10.19	<.0001	0.57	-0.14	-0.31	-0.17	-0.07	0.01	-0.09	-0.09	-0.04	0.05	-0.02	-0.39	0.00	-0.07	-0.17	0.07
42074	87585	0.0246	0.0247	148.08	<.0001	-0.54	-0.11	-0.13	-0.27	0.05	0.00	-0.01	0.01	-0.05	-0.12	-0.12	-0.10	-0.08	-0.04	0.00	0.04
42100	3330	0.0313	0.0357	8.17	<.0001	-0.61	0.13	0.03	0.03	-0.02	-0.02	-0.07	-0.03	0.02	0.00	0.01	0.00	0.00	0.11	0.13	0.07
42102	21012	0.0139	0.0146	20.81	<.0001	-0.17	-0.03	-0.06	-0.01	0.05	-0.01	-0.02	-0.01	-0.01	0.01	0.01	0.03	0.05	0.04	0.04	0.01
42116	5310	0.0391	0.0418	15.39	<.0001	-0.69	-0.11	-0.23	-0.11	-0.03	-0.07	-0.05	-0.05	-0.10	-0.07	-0.06	-0.08	-0.04	-0.08	-0.06	-0.01
42117	1					0.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42119	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
42120	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
42128	1526	0.1183	0.1270	14.64	<.0001	-0.36	-0.25	-0.19	-0.04	0.00	-0.16	-0.14	0.08	0.01	-0.07	-0.09	-0.17	-0.11	-0.04	-0.13	-0.06
42129	48					0.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42130	79233	0.0058	0.0059	31.60	<.0001	-0.47	0.00	-0.03	-0.03	0.01	-0.08	-0.09	-0.06	-0.04	-0.02	-0.03	-0.01	0.03	0.03	-0.01	0.01
42131	6271	0.0472	0.0495	21.72	<.0001	-1.30	0.09	-0.12	0.05	0.03	-0.03	-0.05	0.00	0.00	0.00	0.04	0.01	0.02	0.02	0.02	0.00
42135	46					1.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42136	17517	0.0305	0.0313	37.70	<.0001	-0.80	-0.13	0.01	-0.19	-0.01	0.00	0.03	-0.02	-0.03	0.03	0.00	-0.02	-0.04	-0.01	0.02	0.00
42137	5325	0.0386	0.0413	15.25	<.0001	-0.69	-0.11	-0.22	-0.11	-0.03	-0.07	-0.05	-0.05	-0.09	-0.06	-0.06	-0.08	-0.04	-0.07	-0.06	0.00
42138	3662	0.0572	0.0610	15.80	<.0001	-1.23	0.06	-0.14	-0.06	0.00	-0.03	0.17	-0.03	0.07	-0.01	0.04	0.07	0.03	0.04	0.04	0.00
42139	40780	0.0167	0.0170	47.10	<.0001	-0.14	0.03	-0.11	-0.06	0.00	-0.07	-0.03	-0.02	-0.02	-0.01	-0.01	0.02	-0.02	0.00	-0.02	0.00
42140	5325	0.0386	0.0413	15.25	<.0001	-0.69	-0.11	-0.22	-0.11	-0.03	-0.07	-0.05	-0.05	-0.09	-0.06	-0.06	-0.08	-0.04	-0.07	-0.06	0.00
42141	34183	0.0351	0.0355	83.92	<.0001	-1.37	-0.07	-0.08	-0.16	0.06	0.02	0.00	0.02	0.01	0.01	-0.02	0.04	0.03	0.04	0.02	0.02
42148	1109	0.0955	0.1077	8.80	<.0001	-0.32	0.10	-0.07	0.12	-0.02	-0.12	0.15	-0.05	0.04	-0.09	-0.18	0.02	0.07	0.01	-0.01	-0.09
42149	1					0.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42150	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
42151	119471	0.0300	0.0301	247.44	<.0001	-1.51	0.06	-0.12	-0.19	0.02	0.05	0.03	0.05	0.07	0.07	0.06	0.05	0.06	0.06	0.06	-0.01
42152	715	0.0883	0.1075	5.61	<.0001	0.75	-0.06	-0.02	-0.13	-0.01	-0.02	0.05	0.01	0.03	0.02	0.02	0.06	0.10	0.01	0.07	0.00
42153	5325	0.0386	0.0413	15.25	<.0001	-0.69	-0.11	-0.22	-0.11	-0.03	-0.07	-0.05	-0.05	-0.09	-0.06	-0.06	-0.08	-0.04	-0.07	-0.06	0.00
42155	127	0.1943	0.2902	3.03	0.0004	-0.14	0.15	0.61	0.18	0.03	-0.37	-0.12	-0.07	-0.05	0.01	0.04	0.13	0.02	0.09	0.11	0.15
42156	1019	0.0511	0.0650	4.65	<.0001	-0.58	0.12	0.05	0.12	0.01	-0.05	0.07	-0.03	0.00	-0.13	-0.17	-0.10	-0.09	-0.01	-0.06	-0.05
42157	10650	0.0399	0.0413	30.54	<.0001	-0.69	-0.11	-0.22	-0.11	-0.03	-0.07	-0.05	-0.05	-0.09	-0.06	-0.06	-0.08	-0.04	-0.07	-0.06	0.00
42158	5325	0.0386	0.0413	15.25	<.0001	-0.69	-0.11	-0.22	-0.11	-0.03	-0.07	-0.05	-0.05	-0.09	-0.06	-0.06	-0.08	-0.04	-0.07	-0.06	0.00
42161	7620	0.0262	0.0281	14.67	<.0001	-0.15	-0.24	-0.29	-0.26	0.07	-0.06	-0.08	-0.04	0.01	-0.02	0.01	0.01	0.03	-0.03	-0.04	0.00
42171	20					0.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42178	18538	0.0292	0.0300	38.15	<.0001	-1.19	-0.03	-0.17	-0.12	0.01	-0.06	0.00	-0.08	0.00	-0.08	-0.04	-0.05	-0.03	-0.03	-0.06	-0.11
42179	254	0.2053	0.2524	5.36	<.0001	-0.39	0.31	0.31	0.18	0.01	-0.23	-0.05	-0.30	-0.15	-0.13	-0.08	-0.11	-0.16	-0.08	-0.07	-0.14
42183	17					1.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42184	6					0.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
42185	22					0.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42186	402	0.2790	0.3060	11.35	<.0001	-0.84	-0.58	-0.74	-0.97	-0.09	-0.06	-0.27	0.06	0.04	-0.02	-0.10	0.08	0.12	-0.07	-0.12	0.03
42187	8723	0.1038	0.1053	68.35	<.0001	-1.07	-0.22	-0.41	-0.57	0.07	-0.02	-0.01	-0.07	-0.09	-0.01	0.03	0.00	-0.01	0.05	0.02	0.00
42188	791	0.1044	0.1214	7.14	<.0001	-0.36	0.16	0.11	-0.04	0.04	-0.20	-0.10	-0.25	-0.11	-0.10	0.00	-0.07	-0.11	-0.13	-0.09	-0.04
42189	129	0.3673	0.4414	5.95	<.0001	-2.05	-0.29	-0.34	-0.40	0.02	0.05	0.12	0.03	0.04	0.09	-0.17	0.03	0.04	-0.09	-0.02	0.02
42191	1019	0.0511	0.0650	4.65	<.0001	-0.58	0.12	0.05	0.12	0.01	-0.05	0.07	-0.03	0.00	-0.13	-0.17	-0.10	-0.09	-0.01	-0.06	-0.05
42192	5325	0.0386	0.0413	15.25	<.0001	-0.69	-0.11	-0.22	-0.11	-0.03	-0.07	-0.05	-0.05	-0.09	-0.06	-0.06	-0.08	-0.04	-0.07	-0.06	0.00
42193	3662	0.0572	0.0610	15.80	<.0001	-1.23	0.06	-0.14	-0.06	0.00	-0.03	0.17	-0.03	0.07	-0.01	0.04	0.07	0.03	0.04	0.04	0.00
42196	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
42204	54044	0.0090	0.0092	33.62	<.0001	-0.35	0.03	-0.04	-0.08	-0.01	0.00	-0.01	0.02	0.00	0.01	0.03	0.02	-0.02	0.00	-0.01	-0.03
42205	1					0.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42223	1019	0.0511	0.0650	4.65	<.0001	-0.58	0.12	0.05	0.12	0.01	-0.05	0.07	-0.03	0.00	-0.13	-0.17	-0.10	-0.09	-0.01	-0.06	-0.05
42227	1067	0.1754	0.1870	16.11	<.0001	-0.39	0.13	-0.10	0.13	-0.11	0.30	0.29	0.25	0.20	0.27	-0.02	0.21	0.19	0.09	0.37	0.10
42230	73916	0.0192	0.0194	97.63	<.0001	-0.77	-0.09	-0.16	-0.10	-0.02	0.00	0.01	0.00	0.00	-0.04	0.01	-0.04	0.00	0.00	0.00	0.02
42231	4					2.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42235	55239	0.1037	0.1039	426.97	<.0001	-0.90	-0.01	-0.25	-0.14	0.00	-0.02	-0.02	0.01	0.00	0.01	0.01	0.03	0.01	0.00	0.00	-0.01
42236	4459	0.0404	0.0436	13.52	<.0001	-0.70	0.20	0.05	0.04	0.00	-0.01	-0.06	-0.02	-0.02	-0.02	-0.04	-0.03	-0.03	0.05	0.11	0.07
42237	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
42240	121	0.2628	0.3549	3.85	<.0001	-0.78	0.08	0.02	-0.06	0.09	0.06	0.22	0.00	-0.04	0.01	0.01	-0.06	-0.10	-0.16	-0.06	-0.04
42241	467	0.0871	0.1164	3.96	<.0001	-0.33	0.08	-0.14	-0.09	0.00	-0.14	-0.19	-0.21	-0.07	0.02	-0.08	-0.13	-0.05	-0.15	0.05	-0.08
42256	120400	0.0303	0.0304	251.81	<.0001	-1.51	0.06	-0.12	-0.19	0.02	0.05	0.03	0.05	0.06	0.07	0.06	0.05	0.06	0.05	0.06	-0.01
42258	311	0.2708	0.3061	8.67	<.0001	-0.11	0.34	0.00	0.14	0.04	-0.07	-0.04	-0.18	-0.12	-0.20	-0.15	-0.40	0.06	0.01	-0.12	0.05
42261	27					0.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42262	18760	0.0093	0.0101	12.72	<.0001	-0.60	-0.01	-0.08	-0.08	-0.03	-0.01	0.02	0.03	0.02	0.00	0.03	0.00	-0.02	0.02	0.00	0.00
42265	1183	0.1701	0.1806	17.15	<.0001	-0.21	-0.02	-0.14	-0.19	0.08	-0.01	-0.05	-0.06	-0.07	-0.06	-0.11	-0.05	-0.05	-0.04	-0.05	0.03
42266	4383	0.0604	0.0636	19.79	<.0001	-1.18	-0.09	-0.04	-0.20	0.09	-0.04	-0.02	0.02	-0.02	0.11	0.01	0.09	0.11	0.00	0.06	0.02
42267	4383	0.0604	0.0636	19.79	<.0001	-1.18	-0.09	-0.04	-0.20	0.09	-0.04	-0.02	0.02	-0.02	0.11	0.01	0.09	0.11	0.00	0.06	0.02
42272	40780	0.0167	0.0170	47.10	<.0001	-0.14	0.03	-0.11	-0.06	0.00	-0.07	-0.03	-0.02	-0.02	-0.01	-0.01	0.02	-0.02	0.00	-0.02	0.00
42278	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
42279	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
42280	77561	0.0090	0.0092	48.21	<.0001	-0.96	0.12	-0.02	0.01	-0.01	0.01	-0.02	-0.02	0.00	-0.02	-0.02	-0.03	0.00	-0.01	0.02	0.02
42283	2377	0.0863	0.0921	15.96	<.0001	0.02	0.29	0.11	0.16	0.00	0.00	0.14	-0.04	0.01	-0.02	0.05	0.00	-0.01	-0.10	-0.03	-0.08
42284	145	0.0808	0.1765	1.84	0.0352	-0.22	0.01	0.04	-0.01	0.00	-0.05	-0.03	-0.05	-0.06	-0.04	0.01	-0.04	-0.01	-0.06	-0.09	-0.09
42285	145	0.0808	0.1765	1.84	0.0352	-0.22	0.01	0.04	-0.01	0.00	-0.05	-0.03	-0.05	-0.06	-0.04	0.01	-0.04	-0.01	-0.06	-0.09	-0.09
42289	111	0.2464	0.3491	3.40	0.0001	-1.87	0.11	-0.06	-0.15	0.01	0.01	0.11	-0.03	0.08	0.09	-0.01	0.04	-0.02	-0.18	0.00	-0.10
42290	27					0.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42291	50543	0.0401	0.0404	141.69	<.0001	-0.93	-0.14	-0.15	-0.15	0.00	0.00	0.01	0.02	0.02	0.02	0.03	0.03	0.00	0.02	0.01	0.01
42292	2763	0.0207	0.0260	4.90	<.0001	0.16	-0.06	0.06	0.04	0.00	0.03	0.02	0.01	0.02	0.02	0.04	-0.05	0.03	-0.01	-0.02	-0.01
42294	2763	0.0207	0.0260	4.90	<.0001	0.16	-0.06	0.06	0.04	0.00	0.03	0.02	0.01	0.02	0.02	0.04	-0.05	0.03	-0.01	-0.02	-0.01
42295	21012	0.0139	0.0146	20.81	<.0001	-0.17	-0.03	-0.06	-0.01	0.05	-0.01	-0.02	-0.01	-0.01	0.01	0.01	0.03	0.05	0.04	0.04	0.01
42297	1388	0.0767	0.0867	8.69	<.0001	-0.26	-0.10	-0.06	-0.14	0.02	0.03	-0.03	-0.05	-0.05	-0.11	-0.07	-0.06	-0.04	-0.17	0.00	-0.03
42299	111	0.2464	0.3491	3.40	0.0001	-1.87	0.11	-0.06	-0.15	0.01	0.01	0.11	-0.03	0.08	0.09	-0.01	0.04	-0.02	-0.18	0.00	-0.10
42303	6777	0.0141	0.0163	7.47	<.0001	-0.09	-0.04	-0.10	-0.08	0.03	0.02	0.04	-0.01	0.02	-0.02	0.00	0.04	0.01	0.06	0.04	0.05
42304	78	0.5354	0.6259	6.92	<.0001	0.07	-0.25	-0.08	-0.34	0.24	-0.30	-0.55	-0.14	-0.21	-0.21	-0.09	-0.17	-0.22	-0.25	-0.13	0.24
42307	120400	0.0303	0.0304	251.81	<.0001	-1.51	0.06	-0.12	-0.19	0.02	0.05	0.03	0.05	0.06	0.07	0.06	0.05	0.06	0.05	0.06	-0.01
42309	1386	0.3440	0.3512	49.43	<.0001	-1.97	0.59	-0.05	0.28	-0.02	0.20	-0.03	0.13	0.07	0.12	0.14	0.23	0.21	0.20	0.15	0.03
42310	120400	0.0303	0.0304	251.81	<.0001	-1.51	0.06	-0.12	-0.19	0.02	0.05	0.03	0.05	0.06	0.07	0.06	0.05	0.06	0.05	0.06	-0.01
42313	4180	0.1167	0.1199	37.82	<.0001	-1.07	-0.02	-0.04	-0.25	0.03	0.04	0.10	0.02	0.07	-0.01	0.00	0.03	-0.01	0.01	0.08	-0.01
42316	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
43004	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
43006	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
43007	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
43008	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
43015	1218	0.1418	0.1524	14.40	<.0001	-0.38	-0.40	-0.26	-0.29	-0.14	0.17	0.10	0.10	0.21	-0.09	0.01	-0.06	0.23	0.05	-0.02	0.30

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
43016	1072	0.0343	0.0479	3.54	<.0001	-0.52	-0.12	-0.04	-0.12	-0.02	0.00	0.04	0.02	0.01	-0.01	-0.01	0.05	0.06	0.01	0.07	0.00
43017	5310	0.0391	0.0418	15.39	<.0001	-0.69	-0.11	-0.23	-0.11	-0.03	-0.07	-0.05	-0.05	-0.10	-0.07	-0.06	-0.08	-0.04	-0.08	-0.06	-0.01
43019	221	0.2052	0.2594	4.79	<.0001	-1.58	0.62	0.44	0.52	0.06	0.15	0.01	0.19	-0.23	0.01	-0.11	0.02	-0.08	0.39	0.00	-0.22
43020	10650	0.0399	0.0413	30.54	<.0001	-0.69	-0.11	-0.22	-0.11	-0.03	-0.07	-0.05	-0.05	-0.09	-0.06	-0.06	-0.08	-0.04	-0.07	-0.06	0.00
43021	5216	0.0683	0.0709	26.47	<.0001	-0.71	-0.16	-0.32	-0.15	-0.07	0.04	0.04	-0.04	0.10	-0.01	0.05	0.01	0.09	0.06	0.08	0.11
43026	29307	0.0303	0.0308	61.96	<.0001	-1.00	-0.10	-0.26	-0.23	0.02	-0.01	-0.03	0.02	0.00	0.00	-0.01	-0.02	-0.02	0.00	-0.02	0.01
43028	55					0.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43031	197035	0.0056	0.0057	75.03	<.0001	-0.18	0.04	-0.05	-0.04	-0.02	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.01	-0.03	-0.02	-0.02	-0.01
43046	167369	0.0070	0.0071	79.50	<.0001	-0.36	-0.07	-0.14	-0.08	0.04	-0.09	-0.05	-0.08	-0.12	-0.09	-0.07	-0.07	-0.07	-0.10	-0.15	-0.10
43057	167354	0.0070	0.0071	79.49	<.0001	-0.36	-0.07	-0.14	-0.08	0.04	-0.09	-0.05	-0.08	-0.13	-0.09	-0.07	-0.07	-0.07	-0.10	-0.15	-0.10
43058	1665	0.0971	0.1053	12.94	<.0001	-0.71	0.07	0.04	-0.15	0.17	-0.06	-0.13	0.00	0.17	0.02	0.02	0.08	0.07	0.10	0.13	0.08
43059	4676	0.0592	0.0622	20.61	<.0001	0.62	-0.09	-0.10	-0.15	0.14	-0.05	0.02	-0.08	-0.12	0.00	-0.08	-0.01	-0.11	-0.02	0.13	0.05
43060	26581	0.0118	0.0124	22.18	<.0001	0.84	-0.04	-0.13	-0.06	0.00	0.01	0.06	0.02	0.01	0.00	0.03	0.03	0.02	0.00	0.01	0.02
43075	11757	0.0151	0.0164	13.04	<.0001	-1.78	0.01	-0.07	-0.04	0.04	0.05	0.00	-0.07	0.00	-0.03	-0.04	0.04	0.03	0.05	-0.02	0.07
43078	48					1.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43098	465	0.0698	0.0999	3.32	<.0001	-1.32	0.09	-0.11	-0.15	-0.07	-0.21	-0.12	-0.13	-0.10	-0.01	-0.04	-0.05	-0.14	-0.09	-0.20	0.07
43100	14					0.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43109	58575	0.0049	0.0052	20.37	<.0001	-0.81	-0.11	-0.10	-0.10	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	-0.01	0.00	0.02	0.03
43112	7279	0.0282	0.0302	15.09	<.0001	-1.87	-0.01	-0.15	-0.16	0.01	-0.04	-0.09	-0.01	0.01	0.02	-0.03	-0.02	0.04	-0.03	-0.06	0.00
43114	7					1.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43115	2763	0.0207	0.0260	4.90	<.0001	0.16	-0.06	0.06	0.04	0.00	0.03	0.02	0.01	0.02	0.02	0.04	-0.05	0.03	-0.01	-0.02	-0.01
43116	6906	0.1001	0.1019	55.86	<.0001	0.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43118	2763	0.0207	0.0260	4.90	<.0001	0.16	-0.06	0.06	0.04	0.00	0.03	0.02	0.01	0.02	0.02	0.04	-0.05	0.03	-0.01	-0.02	-0.01
43120	383	0.0718	0.1082	2.97	0.0002	1.00	0.17	0.10	0.07	0.00	-0.04	0.08	0.01	-0.04	0.09	0.02	0.01	-0.07	-0.01	0.05	0.01
43124	10509	0.0500	0.0514	37.88	<.0001	-0.47	-0.03	-0.23	-0.21	-0.11	-0.06	-0.01	-0.03	-0.07	-0.04	-0.12	-0.10	-0.08	-0.06	-0.10	-0.05
43125	15962	0.1578	0.1586	200.35	<.0001	-1.85	-0.25	-0.37	-0.33	0.02	-0.06	-0.03	-0.03	0.00	0.03	0.04	0.02	0.02	-0.02	0.00	-0.02
43128	916	0.1070	0.1217	8.31	<.0001	0.23	-0.12	-0.12	-0.18	0.02	-0.04	0.00	0.03	0.00	-0.02	-0.03	0.00	-0.02	-0.01	0.02	0.08
43129	18014	0.0216	0.0225	27.57	<.0001	-0.33	0.06	-0.10	-0.09	-0.04	0.05	-0.02	0.01	0.01	0.02	0.01	0.00	0.05	0.05	0.02	0.03
43130	322	0.1414	0.1815	4.52	<.0001	-0.13	0.11	0.04	0.13	0.05	-0.15	-0.32	-0.23	-0.18	-0.21	-0.19	-0.26	-0.16	-0.15	-0.14	-0.06
43131	72					1.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43132	209	0.2646	0.3176	5.99	<.0001	0.19	0.19	0.12	0.23	-0.23	-0.33	-0.13	-0.17	-0.20	-0.12	-0.18	-0.03	-0.27	-0.21	-0.27	-0.25
43133	4432	0.0440	0.0472	14.59	<.0001	0.24	-0.05	-0.06	-0.09	0.03	-0.10	-0.13	-0.05	-0.06	-0.06	-0.11	-0.08	-0.07	-0.03	-0.07	-0.02
43134	4432	0.0440	0.0472	14.59	<.0001	0.24	-0.05	-0.06	-0.09	0.03	-0.10	-0.13	-0.05	-0.06	-0.06	-0.11	-0.08	-0.07	-0.03	-0.07	-0.02
43136	1					0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43137	4432	0.0440	0.0472	14.59	<.0001	0.24	-0.05	-0.06	-0.09	0.03	-0.10	-0.13	-0.05	-0.06	-0.06	-0.11	-0.08	-0.07	-0.03	-0.07	-0.02
43142	8					0.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43146	34					0.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43158	82	0.4223	0.5293	4.95	<.0001	0.48	0.02	-0.16	-0.15	0.08	0.14	0.06	0.11	-0.05	0.09	0.12	0.03	0.08	0.29	0.12	-0.06
43205	142	0.3518	0.4207	6.10	<.0001	0.10	-0.26	-0.38	-0.25	0.10	-0.07	0.03	-0.02	0.06	0.05	0.01	-0.06	-0.04	0.24	0.02	0.04
43207	2763	0.0207	0.0260	4.90	<.0001	0.16	-0.06	0.06	0.04	0.00	0.03	0.02	0.01	0.02	0.02	0.04	-0.05	0.03	-0.01	-0.02	-0.01
43212	4309	0.0096	0.0130	3.78	<.0001	0.36	0.02	-0.07	-0.06	-0.02	-0.03	-0.03	0.01	-0.03	-0.03	0.01	0.01	0.03	0.00	0.01	0.01
43215	10650	0.0399	0.0413	30.54	<.0001	-0.69	-0.11	-0.22	-0.11	-0.03	-0.07	-0.05	-0.05	-0.09	-0.06	-0.06	-0.08	-0.04	-0.07	-0.06	0.00
43216	400	0.0436	0.0796	2.21	0.0057	-4.39	-0.13	-0.14	-0.23	0.07	-0.25	-0.20	-0.18	-0.21	-0.14	-0.17	-0.15	-0.13	-0.22	-0.11	-0.14
43217	30720	0.0200	0.0204	42.69	<.0001	-2.00	-0.08	-0.06	-0.13	-0.02	-0.04	-0.02	-0.02	0.00	-0.03	0.00	-0.01	-0.01	-0.01	-0.02	0.01
43218	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
43241	3					0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43245	1160	0.0716	0.0836	6.96	<.0001	-0.33	0.08	-0.02	-0.03	0.01	-0.03	-0.07	-0.18	-0.05	-0.09	-0.12	-0.14	-0.10	-0.15	-0.04	-0.12
43260	142	0.3518	0.4207	6.10	<.0001	0.10	-0.26	-0.38	-0.25	0.10	-0.07	0.03	-0.02	0.06	0.05	0.01	-0.06	-0.04	0.24	0.02	0.04
43261	12889	0.1677	0.1687	174.15	<.0001	-1.47	0.28	0.29	0.04	0.05	-0.13	-0.10	-0.05	-0.10	-0.05	-0.10	-0.11	-0.10	-0.11	-0.12	-0.05
43262	21					0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43264	11757	0.0151	0.0164	13.04	<.0001	-1.78	0.01	-0.07	-0.04	0.04	0.05	0.00	-0.07	0.00	-0.03	-0.04	0.04	0.03	0.05	-0.02	0.07
43265	34					0.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43266	2763	0.0207	0.0260	4.90	<.0001	0.16	-0.06	0.06	0.04	0.00	0.03	0.02	0.01	0.02	0.02	0.04	-0.05	0.03	-0.01	-0.02	-0.01
43268	224	0.2607	0.3104	6.24	<.0001	-0.01	0.07	-0.07	0.20	0.07	-0.34	0.02	0.10	0.14	-0.16	0.00	-0.01	0.04	0.11	-0.03	-0.42

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
43269	87585	0.0246	0.0247	148.08	<.0001	-0.54	-0.11	-0.13	-0.27	0.05	0.00	-0.01	0.01	-0.05	-0.12	-0.12	-0.10	-0.08	-0.04	0.00	0.04
43273	55239	0.1037	0.1039	426.97	<.0001	-0.90	-0.01	-0.25	-0.14	0.00	-0.02	-0.02	0.01	0.00	0.01	0.01	0.03	0.01	0.00	0.00	-0.01
43274	55189	0.0822	0.0824	330.40	<.0001	-0.42	-0.16	-0.23	-0.22	-0.01	0.11	0.11	0.07	0.08	0.13	0.13	0.14	0.18	0.16	0.16	-0.01
43275	72370	0.0429	0.0431	217.39	<.0001	-0.30	-0.14	-0.22	-0.21	-0.03	-0.02	-0.03	-0.01	-0.01	-0.04	-0.02	-0.03	-0.03	-0.01	-0.03	0.01
43276	55189	0.0822	0.0824	330.40	<.0001	-0.42	-0.16	-0.23	-0.22	-0.01	0.11	0.11	0.07	0.08	0.13	0.13	0.14	0.18	0.16	0.16	-0.01
43278	48914	0.0183	0.0186	61.84	<.0001	-0.29	0.10	-0.03	0.02	0.00	-0.01	-0.03	-0.03	-0.02	-0.01	0.01	-0.02	-0.01	0.02	0.01	0.00
43285	8820	0.3087	0.3099	263.59	<.0001	-0.33	0.39	0.32	0.23	-0.53	0.23	0.20	0.03	-0.07	-0.02	-0.04	-0.06	-0.02	0.00	-0.01	-0.07
43290	2763	0.0207	0.0260	4.90	<.0001	0.16	-0.06	0.06	0.04	0.00	0.03	0.02	0.01	0.02	0.02	0.04	-0.05	0.03	-0.01	-0.02	-0.01
43291	2763	0.0207	0.0260	4.90	<.0001	0.16	-0.06	0.06	0.04	0.00	0.03	0.02	0.01	0.02	0.02	0.04	-0.05	0.03	-0.01	-0.02	-0.01
43299	2632	0.1146	0.1196	23.70	<.0001	-0.04	0.04	-0.24	0.11	-0.02	-0.06	-0.10	-0.02	-0.05	-0.03	0.03	-0.05	0.01	0.00	-0.01	0.00
43306	4					0.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43325	7470	0.0251	0.0271	13.84	<.0001	-0.69	0.10	-0.03	0.10	-0.03	0.01	0.10	0.01	0.02	0.15	0.07	0.11	0.11	0.17	0.13	0.08
43327	7470	0.0251	0.0271	13.84	<.0001	-0.69	0.10	-0.03	0.10	-0.03	0.01	0.10	0.01	0.02	0.15	0.07	0.11	0.11	0.17	0.13	0.08
43329	3662	0.0572	0.0610	15.80	<.0001	-1.23	0.06	-0.14	-0.06	0.00	-0.03	0.17	-0.03	0.07	-0.01	0.04	0.07	0.03	0.04	0.04	0.00
43331	5310	0.0391	0.0418	15.39	<.0001	-0.69	-0.11	-0.23	-0.11	-0.03	-0.07	-0.05	-0.05	-0.10	-0.07	-0.06	-0.08	-0.04	-0.08	-0.06	-0.01
43340	14904	0.0188	0.0198	20.00	<.0001	0.35	-0.05	-0.13	-0.06	0.01	0.02	0.01	0.03	0.00	0.02	-0.01	0.01	0.02	0.01	-0.01	0.03
43343	2672	0.1163	0.1213	24.44	<.0001	0.06	-0.26	-0.18	-0.23	0.05	-0.06	-0.08	0.00	0.03	-0.03	0.05	0.03	0.02	-0.01	0.01	-0.07
43345	477	0.2245	0.2489	10.19	<.0001	0.57	-0.14	-0.31	-0.17	-0.07	0.01	-0.09	-0.09	-0.04	0.05	-0.02	-0.39	0.00	-0.07	-0.17	0.07
43346	87585	0.0246	0.0247	148.08	<.0001	-0.54	-0.11	-0.13	-0.27	0.05	0.00	-0.01	0.01	-0.05	-0.12	-0.12	-0.10	-0.08	-0.04	0.00	0.04
43350	7966	0.1273	0.1290	78.46	<.0001	-1.64	-0.37	-0.28	-0.37	0.05	-0.01	0.01	0.06	0.07	-0.02	0.05	0.01	0.02	0.03	0.05	0.08
43352	7966	0.1273	0.1290	78.46	<.0001	-1.64	-0.37	-0.28	-0.37	0.05	-0.01	0.01	0.06	0.07	-0.02	0.05	0.01	0.02	0.03	0.05	0.08
43355	18538	0.0292	0.0300	38.15	<.0001	-1.19	-0.03	-0.17	-0.12	0.01	-0.06	0.00	-0.08	0.00	-0.08	-0.04	-0.05	-0.03	-0.03	-0.06	-0.11
43364	23294	0.0130	0.0137	21.50	<.0001	-0.46	-0.10	-0.13	-0.07	0.01	0.00	-0.03	0.00	-0.02	-0.01	-0.06	-0.03	-0.03	-0.03	-0.02	-0.02
43365	23183	0.0485	0.0491	79.73	<.0001	-1.66	-0.17	-0.21	-0.21	0.01	-0.02	0.03	0.02	0.03	0.00	0.01	-0.02	0.02	-0.02	0.03	0.03
43366	2458	0.0272	0.0331	5.58	<.0001	-1.27	-0.17	-0.12	-0.09	0.00	-0.10	-0.08	-0.09	-0.11	-0.05	-0.10	-0.10	-0.03	-0.04	0.02	0.03
43369	382	0.2082	0.2394	7.68	<.0001	-0.12	-0.08	-0.12	-0.21	0.04	-0.03	0.01	-0.01	0.02	0.01	0.01	0.06	-0.06	0.03	-0.01	0.01
43372	76	0.4877	0.5902	5.76	<.0001	-0.48	-0.03	0.30	-0.01	0.21	-0.33	-0.09	-0.20	-0.01	-0.06	-0.31	-0.25	-0.28	-0.15	-0.17	-0.09
43373	272	0.1258	0.1742	3.60	<.0001	-0.50	0.17	0.12	-0.05	0.05	0.01	-0.06	0.00	-0.09	-0.04	0.01	0.04	0.03	0.07	0.05	0.04
43378	79233	0.0058	0.0059	31.60	<.0001	-0.47	0.00	-0.03	-0.03	0.01	-0.08	-0.09	-0.06	-0.04	-0.02	-0.03	-0.01	0.03	0.03	-0.01	0.01
43379	1888	0.0219	0.0297	3.81	<.0001	0.11	0.02	0.04	0.02	0.07	0.08	0.03	-0.02	0.02	0.09	0.04	0.04	0.05	0.07	-0.01	0.02
43382	43760	0.0057	0.0061	17.82	<.0001	-2.06	-0.07	-0.05	-0.07	-0.01	0.01	0.00	0.01	0.01	0.02	0.01	0.01	0.01	0.00	0.01	0.01
43384	255	0.4116	0.4464	12.85	<.0001	0.19	-0.28	-0.59	-0.97	0.02	0.01	0.05	-0.13	-0.05	-0.03	-0.02	0.02	-0.33	-0.13	-0.01	-0.14
43387	997	0.1090	0.1224	9.12	<.0001	-1.63	-0.25	-0.30	-0.45	0.04	-0.03	0.05	0.07	0.18	0.08	0.14	0.06	0.03	0.03	0.07	0.10
43388	76	0.4877	0.5902	5.76	<.0001	-0.48	-0.03	0.30	-0.01	0.21	-0.33	-0.09	-0.20	-0.01	-0.06	-0.31	-0.25	-0.28	-0.15	-0.17	-0.09
43390	4135	0.0149	0.0185	5.17	<.0001	-1.31	-0.02	-0.09	-0.04	0.05	-0.06	-0.07	-0.09	-0.04	-0.07	0.01	-0.03	-0.05	-0.12	0.00	0.06
43393	5725	0.0175	0.0201	7.80	<.0001	-0.54	0.02	0.00	-0.05	-0.01	0.04	0.05	0.00	0.06	0.02	-0.02	0.08	0.00	0.02	0.04	0.04
43396	7966	0.1273	0.1290	78.46	<.0001	-1.64	-0.37	-0.28	-0.37	0.05	-0.01	0.01	0.06	0.07	-0.02	0.05	0.01	0.02	0.03	0.05	0.08
43398	72177	0.0437	0.0439	221.05	<.0001	-0.34	-0.12	-0.21	-0.20	-0.03	0.00	-0.02	0.00	-0.01	-0.02	-0.01	-0.01	-0.01	0.00	-0.02	0.00
43401	13046	0.0392	0.0403	36.46	<.0001	0.98	-0.20	-0.21	-0.19	-0.01	0.03	-0.01	-0.01	-0.04	0.00	-0.01	-0.01	-0.03	0.01	-0.04	-0.02
43404	275	0.4634	0.4908	17.90	<.0001	0.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43405	24879	0.0152	0.0158	26.56	<.0001	0.11	-0.02	-0.10	-0.05	0.05	-0.01	-0.01	-0.01	-0.02	0.00	-0.01	-0.01	0.00	-0.02	-0.01	-0.01
43408	4383	0.0604	0.0636	19.79	<.0001	-1.18	-0.09	-0.04	-0.20	0.09	-0.04	-0.02	0.02	-0.02	0.11	0.01	0.09	0.11	0.00	0.06	0.02
43410	18314	0.0111	0.0119	14.69	<.0001	0.19	-0.06	-0.04	-0.05	0.00	-0.05	-0.05	-0.02	-0.04	-0.03	-0.07	-0.05	-0.03	-0.05	-0.04	0.01
43417	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
43432	85435	0.0171	0.0173	100.21	<.0001	-0.51	0.09	-0.07	-0.02	0.00	0.02	-0.04	-0.01	0.00	-0.02	-0.01	-0.02	-0.01	-0.02	-0.02	0.00
43441	15917	0.3603	0.3610	598.75	<.0001	-1.42	0.17	0.26	-0.13	-1.71	0.09	0.00	-0.04	0.13	-0.02	-0.11	0.01	0.05	0.09	0.04	0.01
43447	23294	0.0130	0.0137	21.50	<.0001	-0.46	-0.10	-0.13	-0.07	0.01	0.00	-0.03	0.00	-0.02	-0.01	-0.06	-0.03	-0.03	-0.03	-0.02	-0.02
43449	9190	0.1322	0.1336	94.31	<.0001	-1.77	-0.16	-0.05	-0.30	-0.02	-0.03	0.00	0.03	0.03	0.00	0.01	0.01	0.05	-0.01	-0.05	0.02
43450	87585	0.0246	0.0247	148.08	<.0001	-0.54	-0.11	-0.13	-0.27	0.05	0.00	-0.01	0.01	-0.05	-0.12	-0.12	-0.10	-0.08	-0.04	0.00	0.04
43462	2763	0.0207	0.0260	4.90	<.0001	0.16	-0.06	0.06	0.04	0.00	0.03	0.02	0.01	0.02	0.02	0.04	-0.05	0.03	-0.01	-0.02	-0.01
43476	159	0.2847	0.3526	5.19	<.0001	-1.33	0.14	0.06	0.18	0.03	0.00	-0.10	0.09	0.07	0.07	0.06	0.08	0.08	-0.05	-0.14	-0.03
43495	2					0.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43507	76373	0.0163	0.0164	85.11	<.0001	-0.98	0.18	-0.01	0.01	-0.01	0.00	-0.03	-0.03	-0.01	-0.03	-0.03	-0.04	-0.01	-0.02	0.01	0.01

Table C.2 Continued

Srcode	N	Adj_R_Sq	R_Sq	F-Value	P-robF	Intercept	East	Central	South	Yr2002	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov
43510	1112	0.0531	0.0659	5.16	<.0001	-0.43	0.03	-0.08	-0.04	0.02	-0.02	-0.02	-0.04	-0.06	-0.05	-0.01	0.01	0.02	-0.05	0.02	-0.03
43514	930	0.1008	0.1154	7.95	<.0001	-1.14	-0.08	-0.03	-0.13	0.00	0.00	0.00	-0.05	-0.08	-0.08	-0.06	-0.08	-0.08	-0.16	0.01	0.01
43523	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
43528	6906	0.1001	0.1019	55.86	<.0001	0.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43529	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
43535	4383	0.0604	0.0636	19.79	<.0001	-1.18	-0.09	-0.04	-0.20	0.09	-0.04	-0.02	0.02	-0.02	0.11	0.01	0.09	0.11	0.00	0.06	0.02
43536	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
43537	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
43539	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
43541	6067	0.0334	0.0358	14.97	<.0001	-1.20	0.11	-0.20	-0.13	-0.04	-0.03	-0.03	-0.02	0.05	0.03	0.03	-0.03	0.04	0.02	0.06	0.03
43543	27327	0.0215	0.0220	41.04	<.0001	-1.34	-0.09	-0.07	-0.15	-0.02	-0.09	-0.03	-0.05	-0.05	-0.03	0.00	-0.04	-0.04	-0.05	-0.08	-0.07
43546	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
43550	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
43566	23294	0.0130	0.0137	21.50	<.0001	-0.46	-0.10	-0.13	-0.07	0.01	0.00	-0.03	0.00	-0.02	-0.01	-0.06	-0.03	-0.03	-0.03	-0.02	-0.02
43570	226	0.5702	0.5988	20.90	<.0001	-0.74	0.54	0.13	0.00	-0.10	-0.08	-0.13	-0.27	-0.30	-0.25	-0.31	-0.30	-0.23	-0.28	-0.29	-0.29
43572	45665	0.0087	0.0091	27.85	<.0001	-0.76	-0.01	-0.08	-0.11	0.02	-0.03	-0.01	-0.01	-0.03	-0.01	-0.01	-0.02	-0.05	0.00	-0.01	0.02
43585	17417	0.0208	0.0216	25.64	<.0001	-0.72	0.03	0.16	0.02	-0.04	-0.10	-0.09	-0.12	-0.05	-0.06	-0.03	-0.03	-0.09	-0.05	-0.04	0.03
43589	1889	0.0219	0.0297	3.82	<.0001	0.11	0.02	0.04	0.02	0.07	0.08	0.03	-0.02	0.02	0.09	0.04	0.04	0.05	0.07	-0.01	0.02
43595	21012	0.0139	0.0146	20.81	<.0001	-0.17	-0.03	-0.06	-0.01	0.05	-0.01	-0.02	-0.01	-0.01	0.01	0.01	0.03	0.05	0.04	0.04	0.01
43597	25837	0.0134	0.0139	24.34	<.0001	-0.21	-0.06	-0.04	-0.08	0.02	0.00	0.00	0.02	0.05	0.06	0.05	0.07	0.07	0.08	0.05	0.02
43598	14871	0.0280	0.0290	29.58	<.0001	-1.18	-0.05	-0.18	-0.14	0.01	-0.06	-0.03	-0.09	-0.02	-0.09	-0.05	-0.07	-0.05	-0.04	-0.08	-0.14
43599	3662	0.0572	0.0610	15.80	<.0001	-1.23	0.06	-0.14	-0.06	0.00	-0.03	0.17	-0.03	0.07	-0.01	0.04	0.07	0.03	0.04	0.04	0.00
44061	1683	0.0984	0.1064	13.24	<.0001	0.56	-0.27	-0.19	-0.30	0.02	-0.19	-0.09	-0.07	-0.05	-0.05	-0.04	-0.10	-0.02	-0.02	-0.04	-0.07
44110	55					0.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44158	649	0.1082	0.1288	6.24	<.0001	-0.65	-0.14	-0.18	-0.29	0.02	-0.17	-0.13	-0.03	-0.10	0.00	0.03	-0.16	-0.15	0.05	0.04	0.02
44203	24379	0.0150	0.0156	25.79	<.0001	-1.39	0.06	-0.06	0.01	0.00	-0.02	-0.01	-0.02	-0.02	0.02	0.01	0.01	0.00	0.00	-0.01	0.01
44258	606	0.0519	0.0754	3.21	<.0001	0.76	-0.09	-0.13	-0.16	0.01	0.02	0.01	0.03	-0.03	0.10	0.00	0.02	0.08	0.06	0.01	0.01
44259	316	0.1271	0.1686	4.06	<.0001	1.02	-0.13	-0.09	-0.14	0.08	0.19	0.14	0.15	0.15	0.24	0.21	0.19	0.15	0.17	0.09	0.10
44260	3307	0.0896	0.0937	22.69	<.0001	0.88	-0.23	-0.17	-0.33	0.00	-0.04	0.03	-0.06	-0.04	-0.01	0.03	0.03	0.04	0.08	0.02	-0.04
83110	801	0.0438	0.0618	3.45	<.0001	0.11	0.13	-0.11	0.07	-0.04	0.05	0.01	0.03	-0.03	-0.02	0.05	0.10	-0.04	0.09	0.15	0.02

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