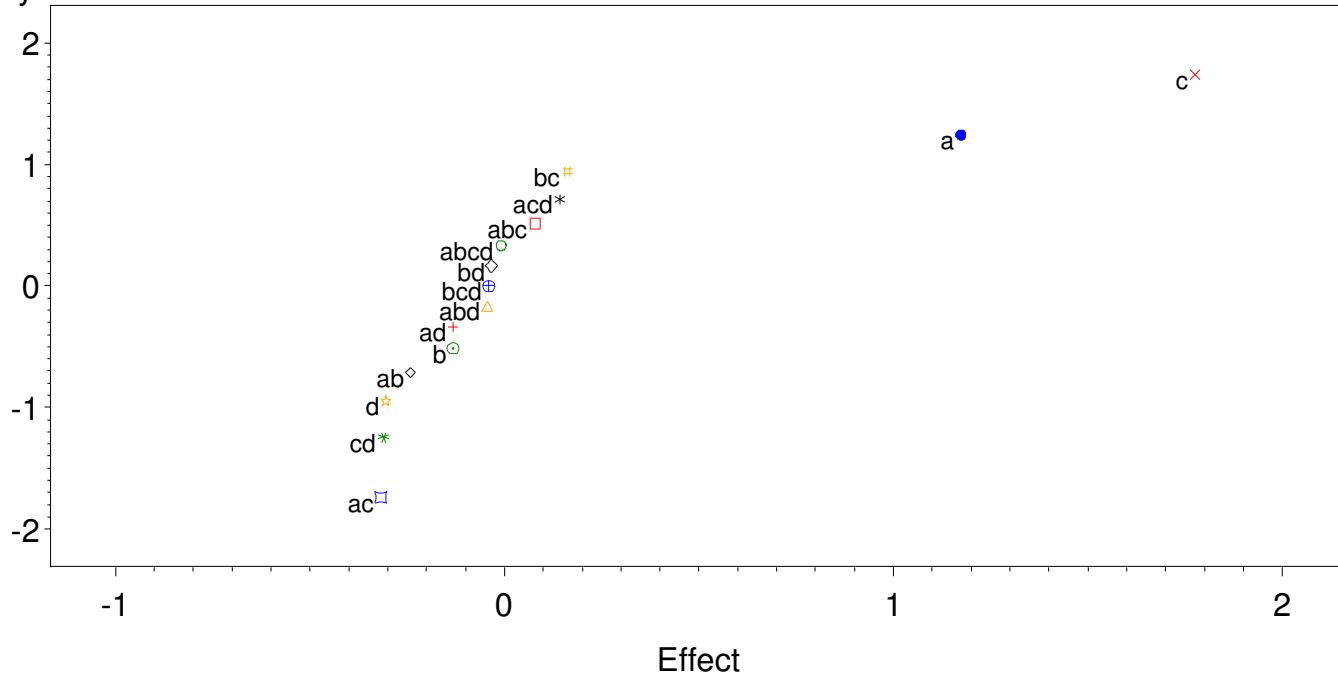


APPENDIX A35

GRAPHICAL ANALYSIS OF ADHESIVE EFFECT ON PEEL FORCE

Adhesive Effect on Peak Peel Force Normal Probability Plot of Effects

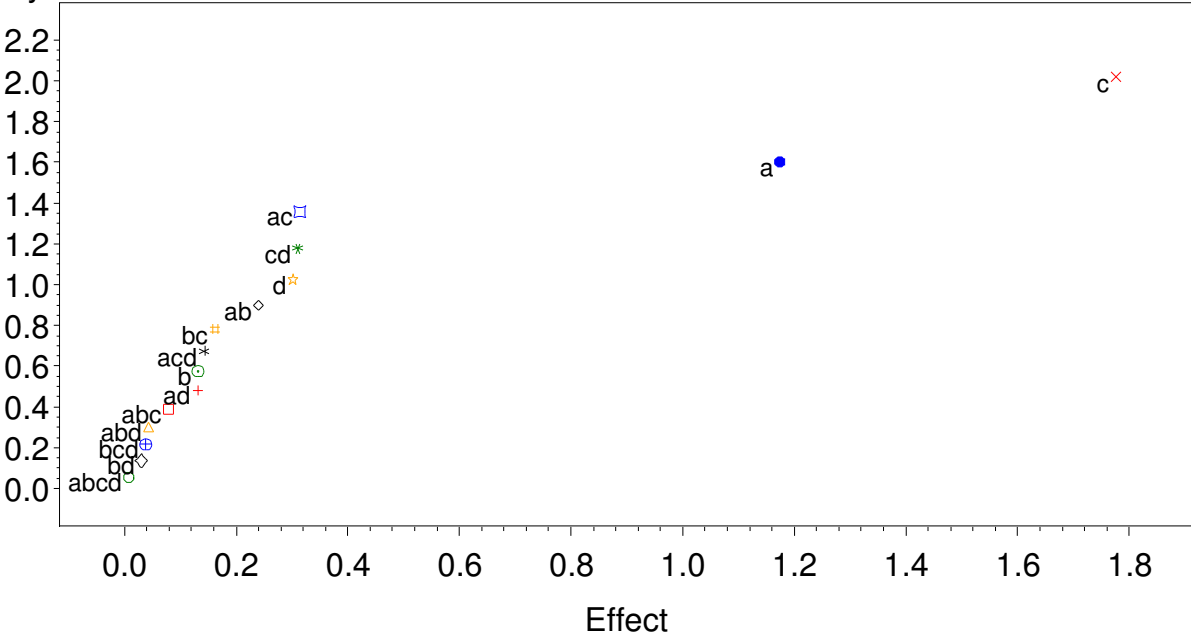
Normal
probability



a=Temperature b=Pressure c=Dwell d=Adhesive

Adhesive Effect on Peak Peel Force Half Normal Probability Plot of Effects

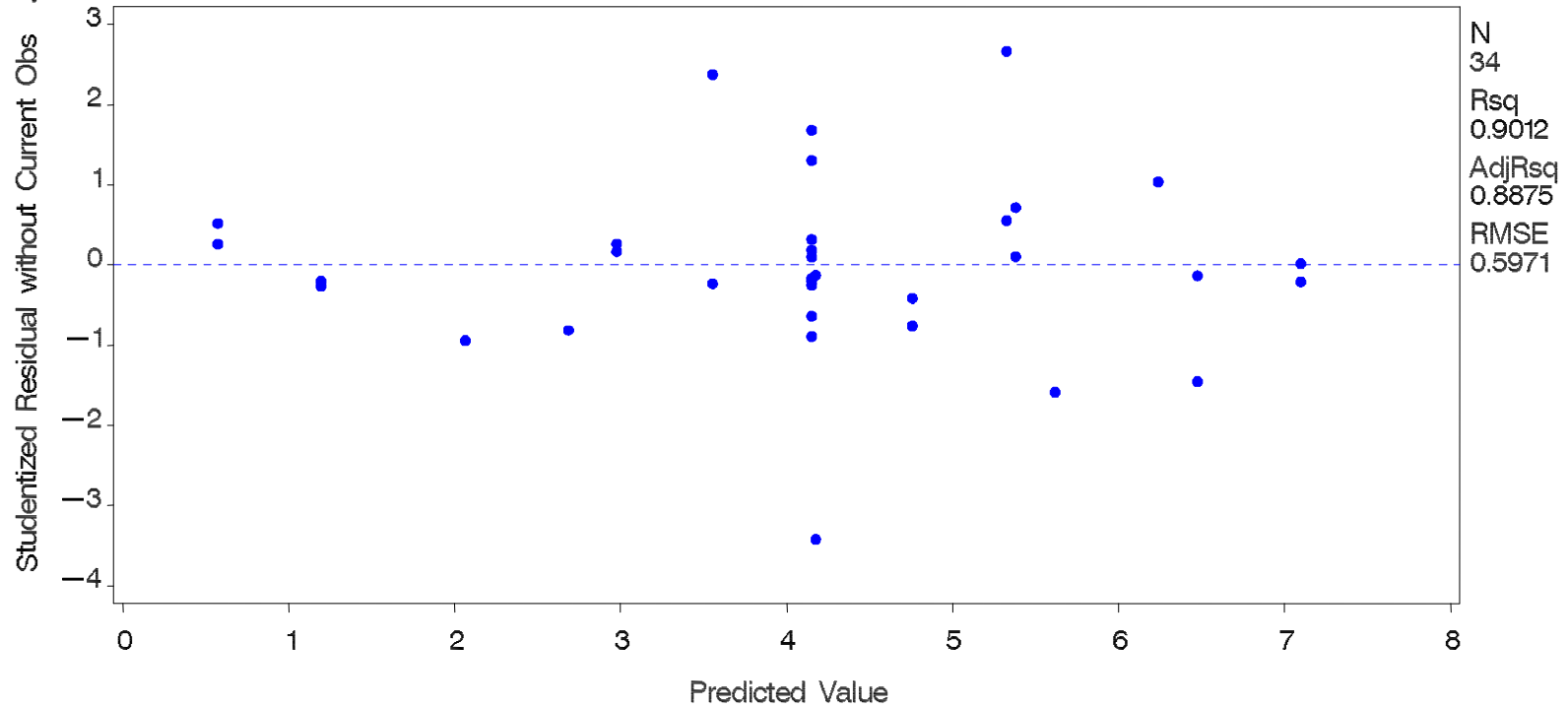
Half
normal
probability



a=Temperature b=Pressure c=Dwell d=Adhesive

Adhesive Effect on Peak Peel Force Residual plots for model $y = a c a c c d$

$$y = 4.1524 + 1.1746 a + 1.7769 c - 0.316 a c - 0.3109 c d$$

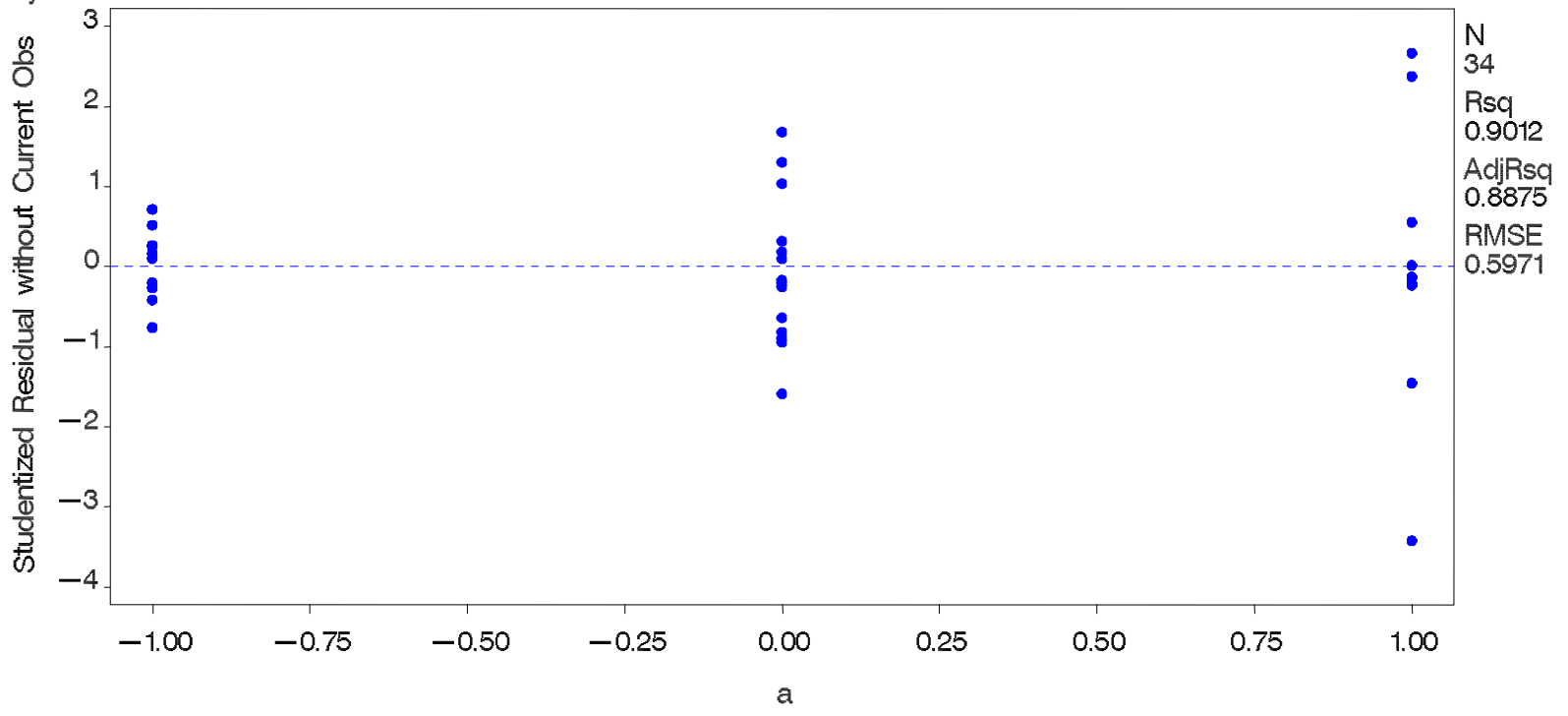


a= Temperature b= Pressure c= Dwell d= Adhesive

Adhesive Effect on Peak Peel Force

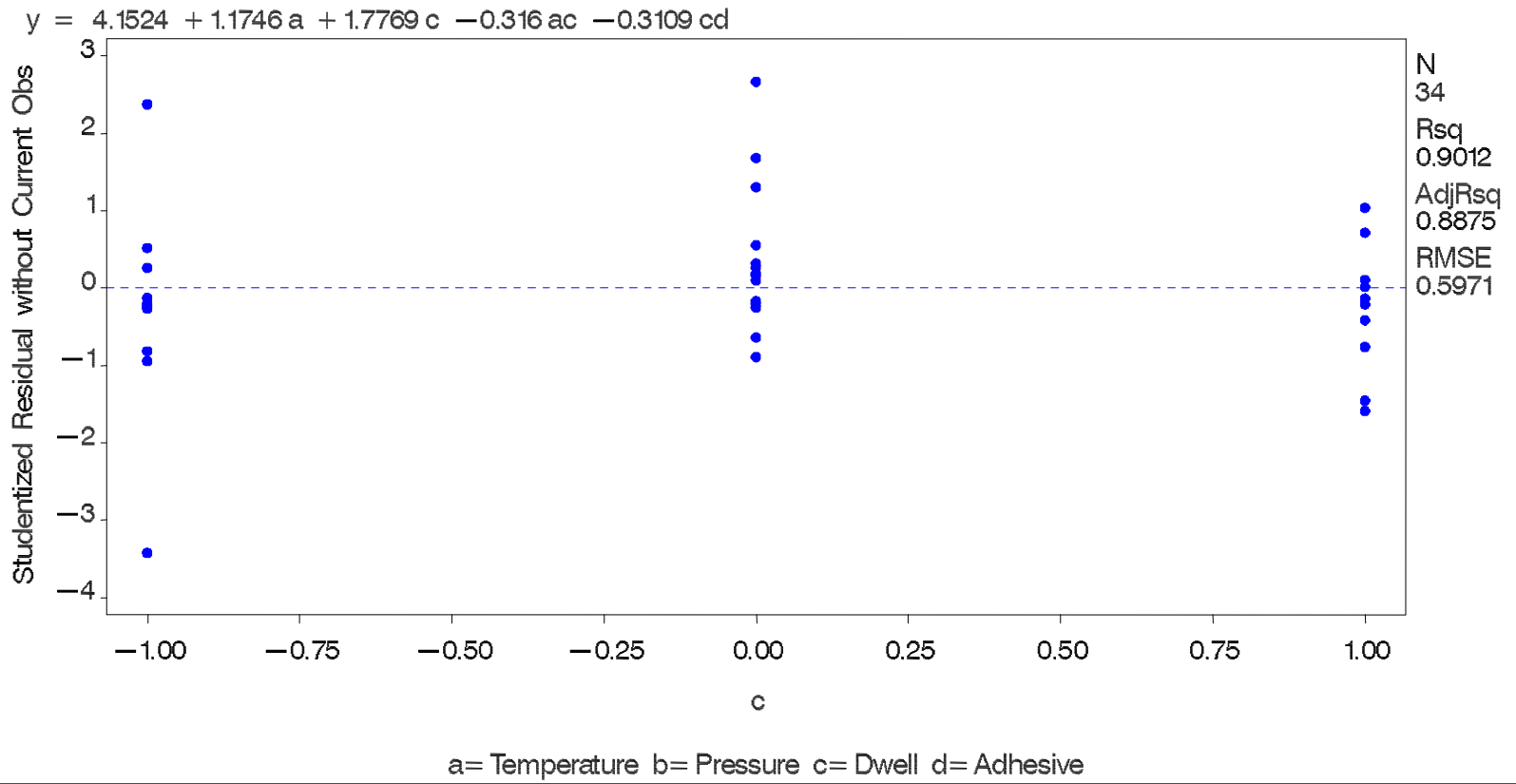
Residual plots for model $y = a c a c c d$

$$y = 4.1524 + 1.1746 a + 1.7769 c - 0.316 a c - 0.3109 c d$$



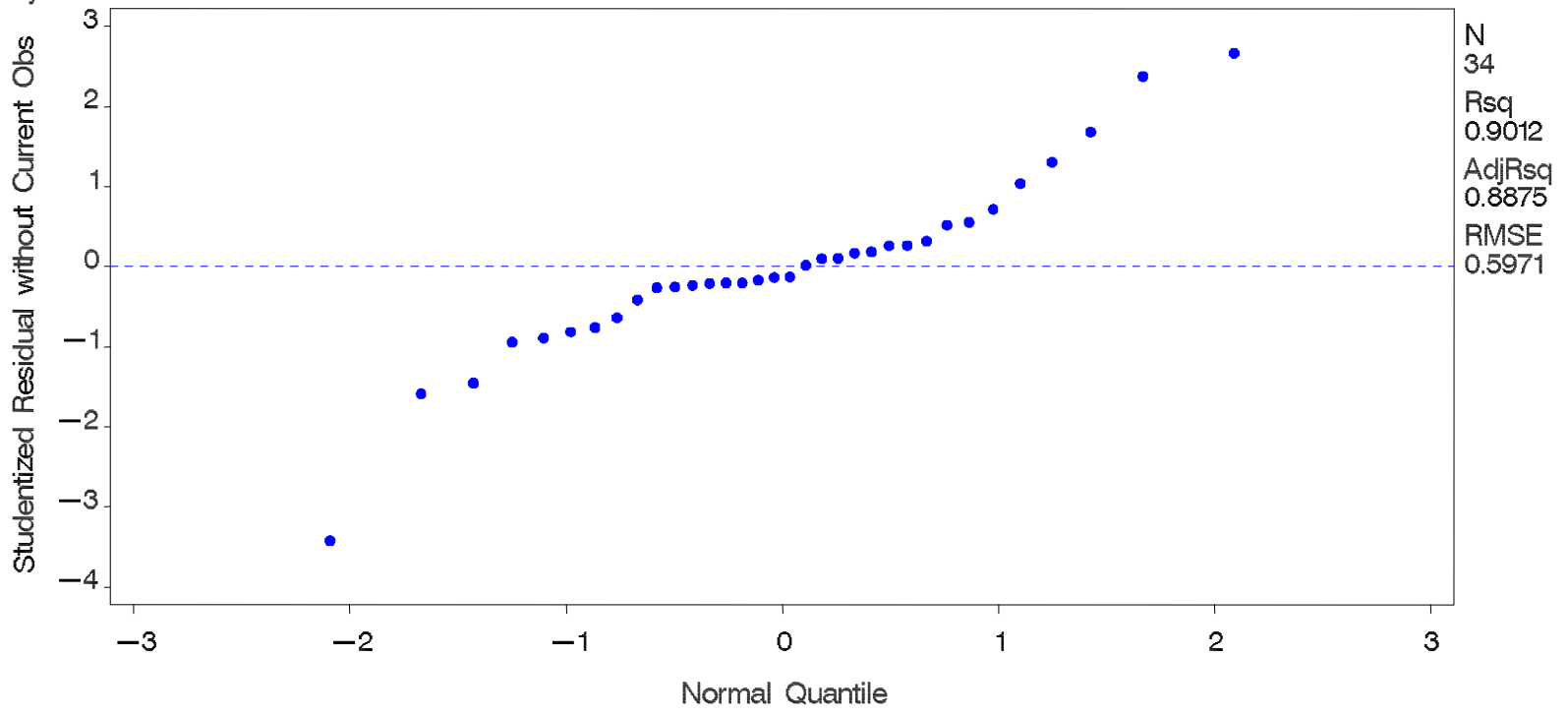
a= Temperature b= Pressure c= Dwell d= Adhesive

Adhesive Effect on Peak Peel Force Residual plots for model $y = a c a c c d$



Adhesive Effect on Peak Peel Force Residual plots for model $y = a c a c c d$

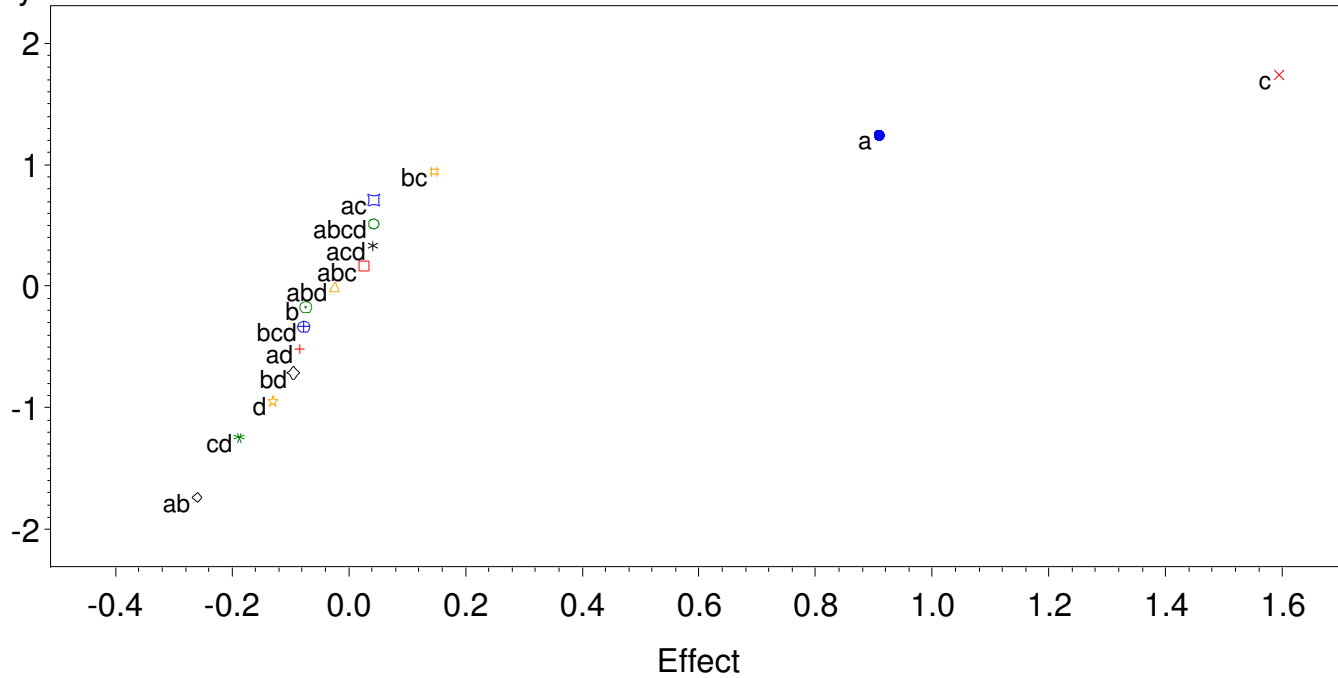
$$y = 4.1524 + 1.1746 a + 1.7769 c - 0.316 a c - 0.3109 c d$$



a= Temperature b= Pressure c= Dwell d= Adhesive

Adhesive Effect on Average Peel Force Normal Probability Plot of Effects

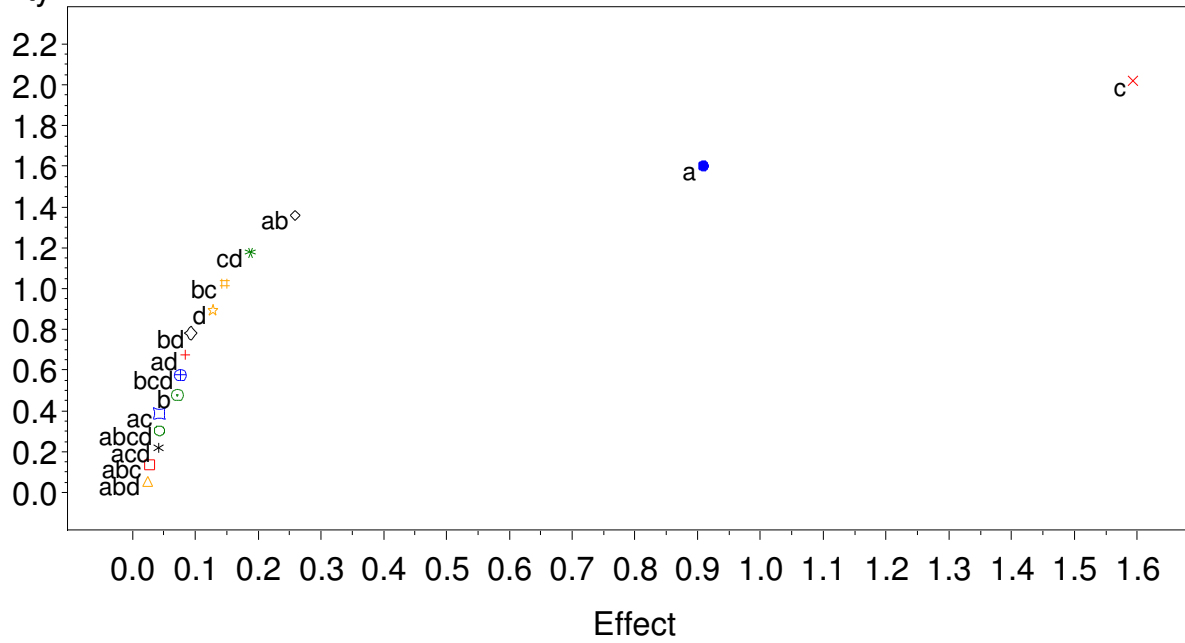
Normal
probability



a=Temperature b=Pressure c=Dwell d=Adhesive

Adhesive Effect on Average Peel Force Half Normal Probability Plot of Effects

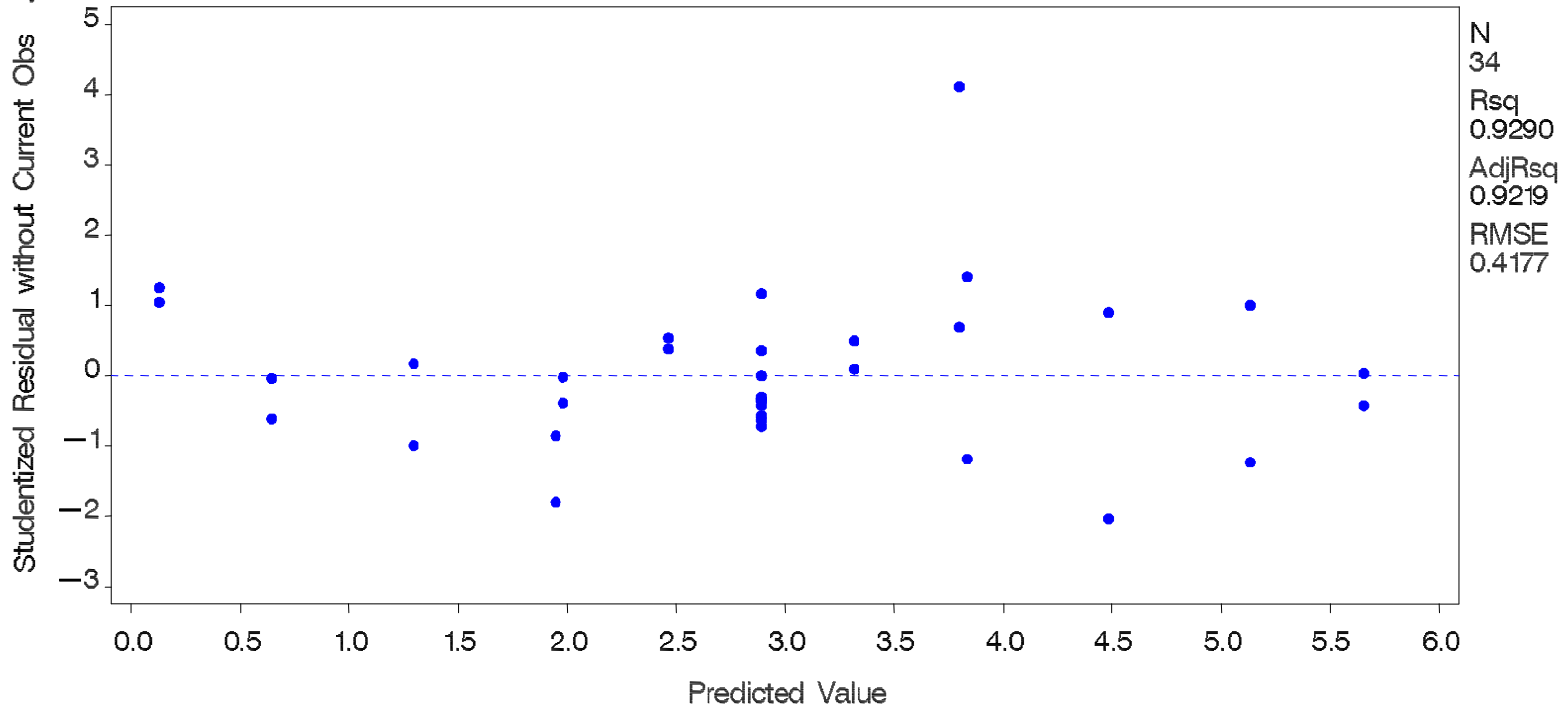
Half
normal
probability



a=Temperature b=Pressure c=Dwell d=Adhesive

Adhesive Effect on Average Peel Force Residual plots for model $y = a c ab$

$$y = 2.8915 + 0.9094 a + 1.5944 c - 0.2594 ab$$

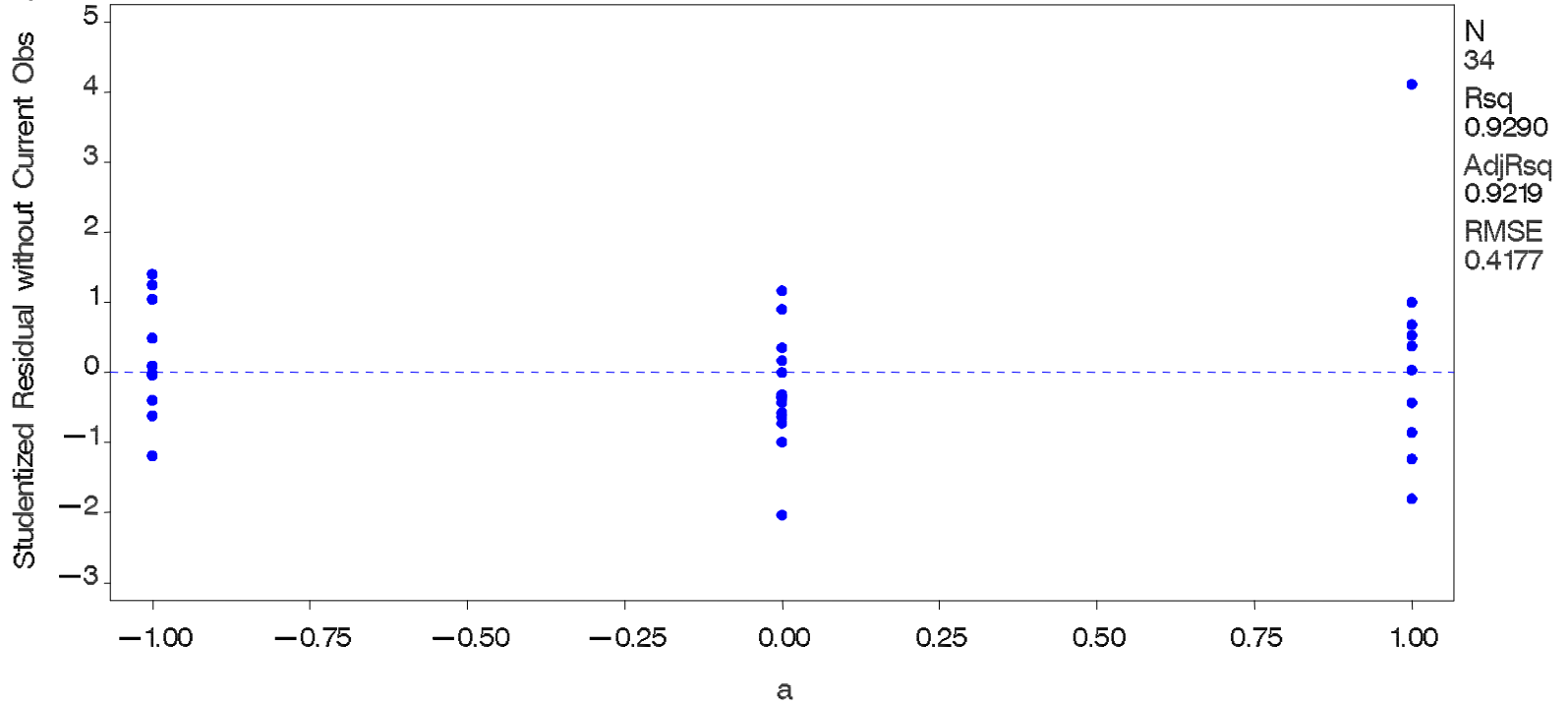


a= Temperature b= Pressure c= Dwell d= Adhesive

Adhesive Effect on Average Peel Force

Residual plots for model $y = a c ab$

$$y = 2.8915 + 0.9094 a + 1.5944 c - 0.2594 ab$$

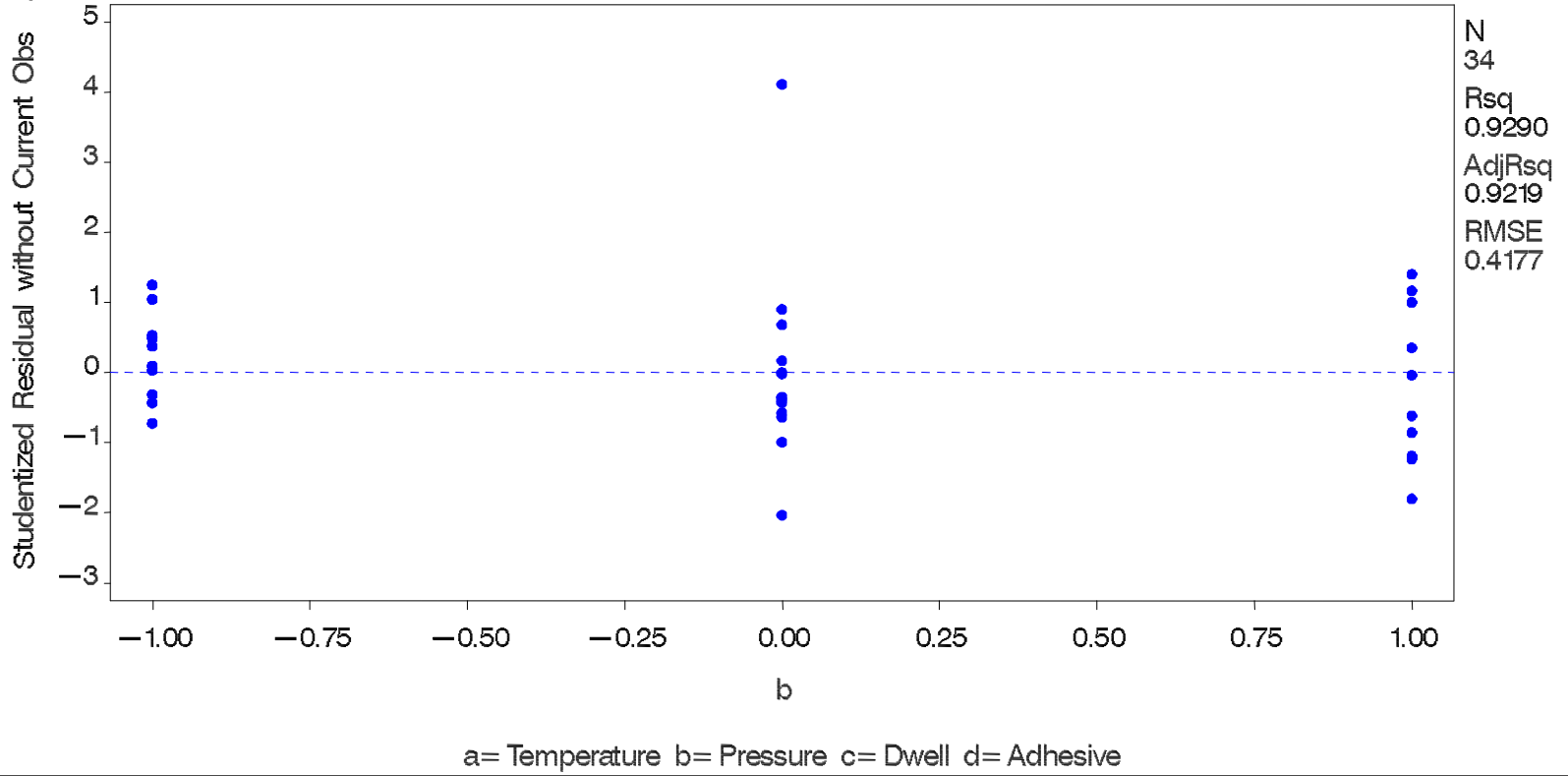


a= Temperature b= Pressure c= Dwell d= Adhesive

Adhesive Effect on Average Peel Force

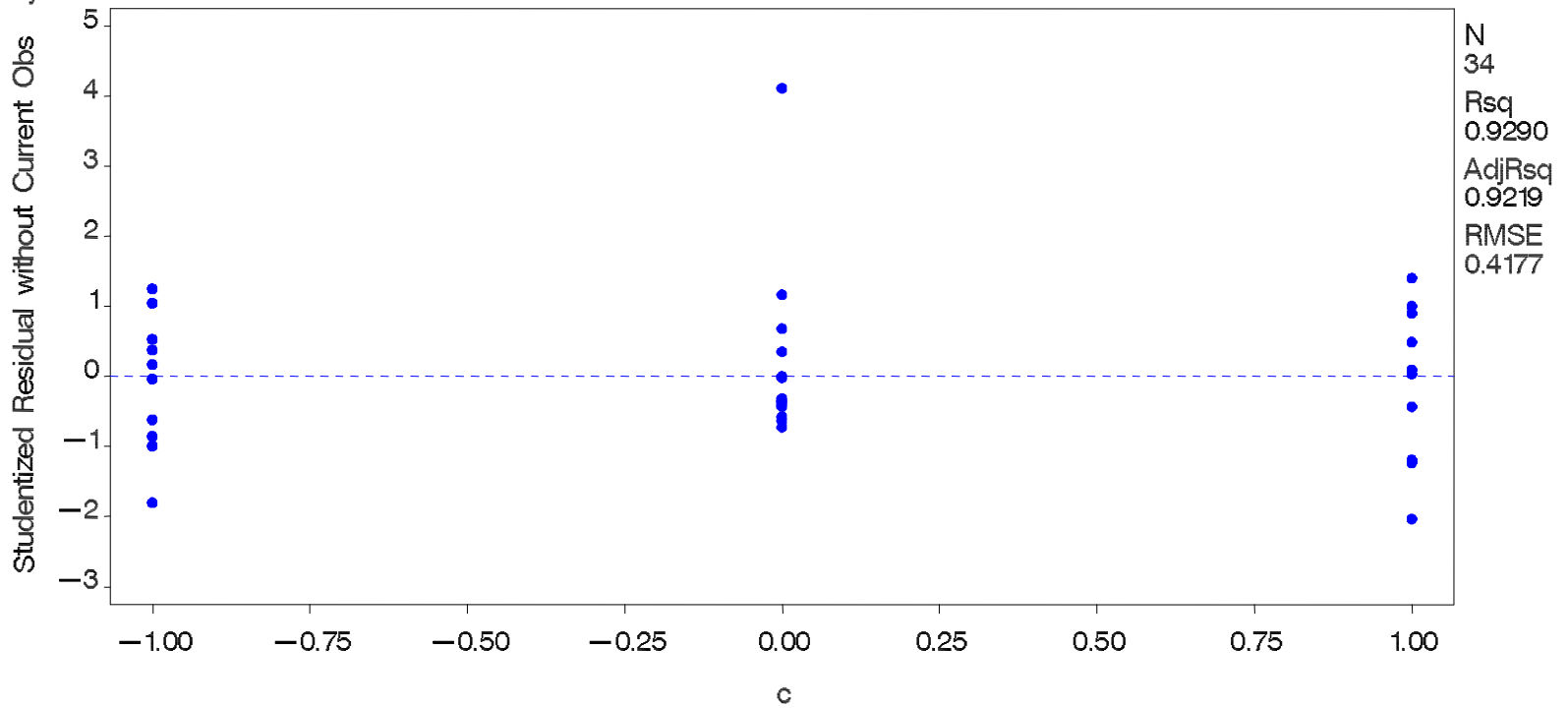
Residual plots for model $y = a + c + ab$

$$y = 2.8915 + 0.9094 a + 1.5944 c - 0.2594 ab$$



Adhesive Effect on Average Peel Force Residual plots for model $y = a c ab$

$$y = 2.8915 + 0.9094 a + 1.5944 c - 0.2594 ab$$

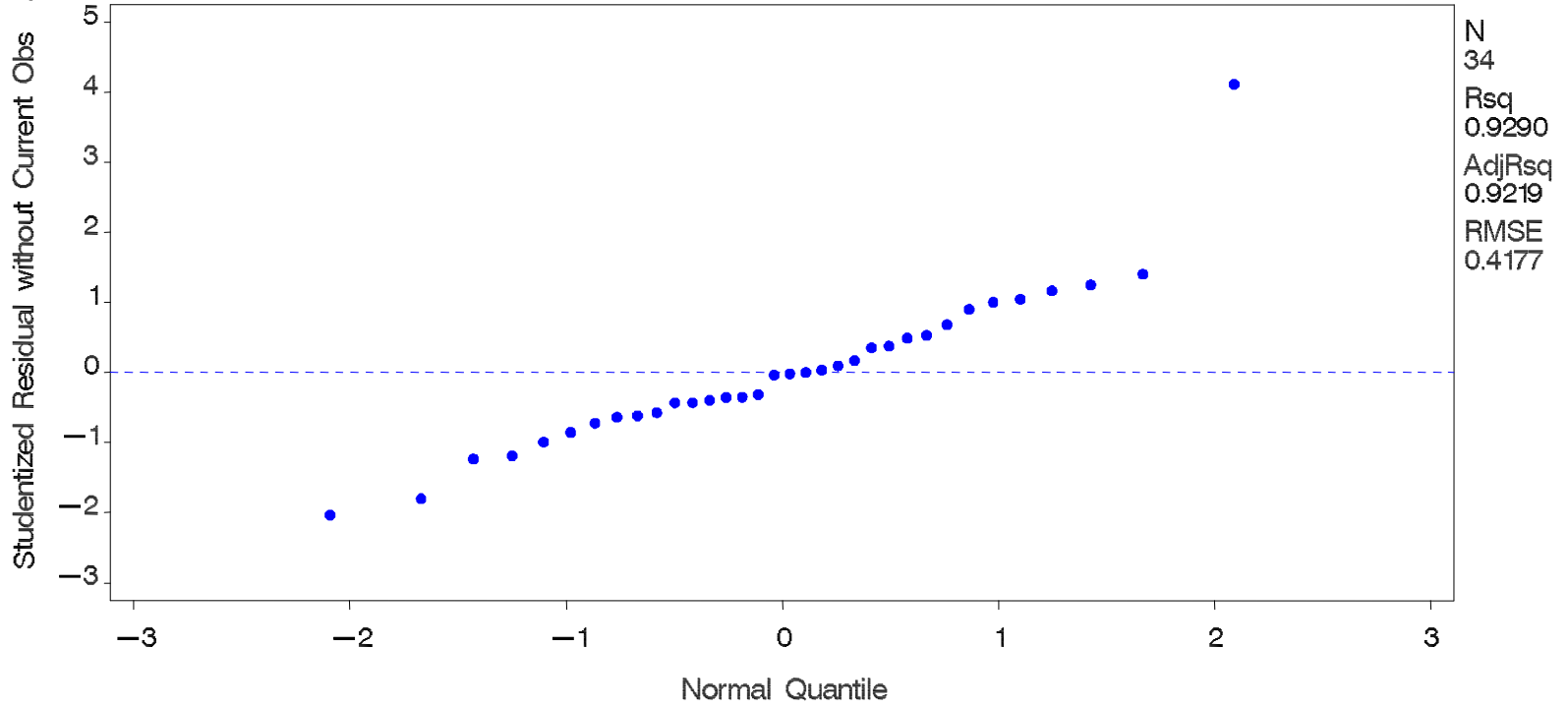


a= Temperature b= Pressure c= Dwell d= Adhesive

Adhesive Effect on Average Peel Force

Residual plots for model $y = a + c + ab$

$$y = 2.8915 + 0.9094 a + 1.5944 c - 0.2594 ab$$



a= Temperature b= Pressure c= Dwell d= Adhesive