Additional Phase and Assessment Descriptive Quality Indicators for Single-case Design

Maintenance	Generalization	Fidelity	Social Validity	Overall Score
Score				
0 = Maintenance phase or maintenance data is **NOT** reported	**0** = Generalization phase or generalization data is **NOT** reported	**0** = Fidelity is recorded for less than 20% of overall data (or is not reported) and/or overall fidelity scores are less than 80%; or fidelity measures are **NOT** reported	**0** = Social validity is **NOT** reported or only includes one out of the 5* components of social validity	**0** = **Insufficient Measure** (scores a 0 in two or more of the indicators)
1 = Maintenance data is collected after the intervention is implemented **AND** there are less than 3 data points in at least one maintenance phase **OR** all maintenance probes are recorded within 1 month or less from the conclusion of the intervention phase.	**1** = Generalization data is collected only after the intervention is implemented (i.e. no generalization data is taken during baseline or intervention phases) **OR** there are less than 3 total data points in at least one generalization phase	**1** = Procedural/Treatment fidelity is recorded for at least 20% of overall data recorded; overall fidelity scores are 80% or above; and fidelity is only recorded in either the baseline phase or intervention phase.	**1** = Social validity measure includes at least 2 out of the 5* components of social validity	**1** = **Minimal Measure** (scores a 0 in only one of the indicators **AND** scores a 1 or higher for the other three indicators)
2 = Maintenance data is collected after the intervention is implemented, there are 3 or more data points in each maintenance phase, and all maintenance probes are recorded for more than 1 month from the conclusion of the intervention phase	**2** = Generalization data is recorded in baseline and intervention phases (in addition, there can be a specified generalization phase at the end of the intervention) and there is a total of 3 or more data points per generalization phase	**2** = Procedural/Treatment fidelity is recorded for at least 20% of data in each condition with overall scores of 80% or above; and fidelity is recorded for procedures in both baseline and intervention phases	**2** = Social validity measure includes at least 4 out of the 5* components of social validity	**2** = **Sufficient Measure** (scores a 1 in one of the indicators **AND** scores a 2 in the other three indicators)

Note. ***Social validity components:** (1) social significance of the dependent variables (i.e. the target behaviors are beneficial to the participant and relevant to the context), (2) the intervention was efficient and cost effective, (3) the change in behavior or intervention effects were significant according to the criterion or goals set for individual studies, (4) all individuals involved are satisfied with the procedures and outcomes, and (5) the intervention contains a natural component (i.e. the interventionist is an individual that is present in the participant's natural setting, or the intervention is implemented in the natural setting).

Adapted from "Council for Exceptional Children standards for evidence-based practices in special education", by Council for Exceptional Children, (2014), Retrieved from http://www.cec.sped.org/Standards/Evidence-Based-Practice-Resources-Original; "The use of single-subject research to identify evidence-based practice in special education", by R.H. Horner, E.G. Carr, J. Halle, G. McGee, S. Odom, & M. Wolery, 2005, *Exceptional Children*, *71*, pp. 165-179.; "Development of the evaluative method for evaluating evidence-based practices in autism", by B. Reichow, F.R. Volkmar, & D.V. Cicchetti, 2008, *Journal of Autism and Developmental Disorders*, *38*, pp. 1311-1319.; "A commentary: Single-case design technical document of the What Works Clearinghouse", by M. Wolery, 2013, *Remedial and Special Education, 43*, pp. 39-43.