

Supplemental Material S1. CSCEDARS Tool (Schlosser et al., 2018) adaptations for the current review.

CSCEDARS	
Item	Reporting Required to Meet Criteria for the Current Review
1	Information required to meet criteria: (a) age, (b) gender, (c) diagnoses, (d) pre-intervention communication skills
5	To meet criteria, measurement of inter-observer agreement was based on at least 20% of sessions <i>in each AAC condition</i> .
6	Implementors must be specified.
7	To meet criteria, measurement of treatment integrity was based on at least 20% of sessions <i>in each AAC condition</i> .
8	Baseline sessions were measured separately for each AAC condition, rather than all AAC conditions available in the same baseline sessions.
10	The target behavior did not need to be the same (e.g., use the AAC device v. exchange a picture), but the variable did (e.g., the metric and function of the behavior).
11	Interobserver agreement needed to be reported for <i>each</i> condition, <i>or</i> the range of agreement needed to be less than 10%.
12	Treatment integrity needed to be reported for <i>each</i> condition, <i>or</i> the range of integrity needed to be less than 10%.
16	All studies met criteria for this item, given that conditions are highly discriminable due to the presence of different AAC systems.
19	If the researchers conducted a formal preference assessment (e.g., MSWO) to identify the child's preferred materials for requesting, this was considered an objective method.
20	The same stimuli could not be used in both instructional conditions.
21	The same stimuli could not be used in both instructional conditions.

Reference

Schlosser, R. W., Belfiore, P. J., Sigafoos, J., Briesch, A. M., & Wendt, O. (2018). Appraisal of comparative single case experimental designs for instructional interventions with nonreversible target behaviors: Introducing the CSCEDARS (“Cedars”). *Research in Developmental Disabilities*, 79, 33–52.
<https://doi.org/10.1016/j.ridd.2018.04.028>