Supplemental Material S1. Critical appraisal of included studies of SCERTS using quality indicators.

	RCT	Attrition bias: low/ unclear/ high	Detection bias: low/ unclear/ high	Parent/ teacher report: low/high	CME: no/yes	GC/ PCB/ CB	Dis/Prox	Ratio of low ratings
Flaz & Rehman (2020)	0 (2 outcomes)	0/2/0	0/2/0	2/0	2/0	0/0/2	0/2	28.6%
Kim (2021)	0 (4 outcomes)	0/4/0	0/0/4	3/1	4/0	4/0/0	2/2	46.4%
Morgan et al. (2018)	1 (13 outcomes)	13/0/0	2/0/11	4/9	6/7	6/5/2	13/0	62.6%
Suh (2019)	0 (6 outcomes)	6/0/0	0/0/6	6/0	6/0	6/0/0	0/6	57.1%
Wetherby et al. (2014)	1 (15 outcomes)	15/0/0	10/0/5	10/5	10/5	10/5/0	15/0	81.0%
Yu & Zhu (2018)	0 (15 outcomes)	15/0/0	12/0/3	12/3	15/0	15/0/0	13/2	78.1%

Note. CB = Context-bound; CME = Correlated measurement error; Dis = Distality; GC = Generalized characteristics; RCT = Randomized controlled trial.

References

- Flaz, H., & Rehman, A. U. (2020). Effectiveness of the social communication emotional regulation and transactional support (SCERTS) model based intervention in language development and fostering social communication in children with autism spectrum disorder. *Journal of Fatima Jinnah Medical University*, 14(1), 16–18. https://doi.org/10.37018/IENH3595
- Kim, S. (2021). A study on the influence of SCERTS-social communication applied multifaceted communication program on the early communication of children with autism spectrum disorder [Master's thesis, Daegu University]. RISS.
- Morgan, L., Hooker, J. L., Sparapani, N., Reinhardt, V. P., Schatschneider, C., & Wetherby, A. M. (2018). Cluster randomized trial of the classroom SCERTS intervention for elementary students with autism spectrum disorder. *Journal of Consulting and Clinical Psychology*, 86(7), 631–644. https://doi.org/10.1037/ccp0000314
- Suh, M. (2019). Effectiveness of a caregiver-implemented SCERTS model-based intervention for toddlers with autism spectrum disorders (ASD) [Doctoral dissertation, Ewha Womans University]. RISS.
- Wetherby, A. M., Guthrie, W., Woods, J., Schatschneider, C., Holland, R. D., Morgan, L., & Lord, C. (2014). Caregiver-implemented social intervention for toddlers with autism: An RCT. *Pediatrics*, 134(6), 1084–1093. https://doi.org/10.1542/peds.2014-0757
- Yu, L., & Zhu, X. (2018). Effectiveness of a SCERTS model-based intervention for children with autism spectrum disorder (ASD) in Hong Kong: A pilot study. *Journal of Autism and Developmental Disorders*, 48(11), 3794–3807. https://doi.org/10.1007/s10803-018-3849-6