

Review of: "The Influence of Music Education on the Academic Behavior for Preschool Children with Autism"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

Pro: you randomly assigned children to experimental vs control group

Cons: the nonsignificant difference between control and experimental group in the ASD group means the confidence interval around the between group difference includes zero. Thus we cannot rule out sampling error as an explanation for the difference. This is particularly problematic because of the small sample size. Additionally, parent and teacher report was the means of assessing the dependent variable and neither was apparently blind to treatment group assignment. Thus detection bias is also an alternative explanation to the between experiment vs control group difference. These are fatal flaws of the study, IMO.