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Note that in each question, I ask what SHOULD be done, as well as what the authors did, and then ask you to evaluate the authors’ choices.

1. When should meta-analyses be done? How did the authors justify the need for a meta-analysis on this topic? How does it compare to previous related meta-analyses if there are any? What do you think of their justification?

2. What inclusion criteria and exclusion should meta-analysts use? What criteria did the authors use? Are there any things they should have done differently or could have added?

3. Where should meta-analysts look for studies? What did the authors do? Was there anything they should have done differently?

4. Did the authors attempt to get unpublished studies? How should authors address whether unpublished studies and/or publication bias is a problem? Did these authors do that? Are there any things they should have done differently or could have added?

5. What things did the authors code for in the studies? What did they do to assess inter-rater reliability? Were these the right choices? Why or why not?

6. Did the authors analyze fixed or random effects? Did they do any weighting of studies? Were these the right choices? Why or why not?

7. What effect size indicator did they use? Was that the best effect size to use in this case? Why or why not? What other statistics did they report? Were those adequate, or are there any things they should have done differently or could have added?

8. What did the authors do to interpret the effect sizes? What should they have done? Were their efforts adequate?

9. What should authors do to assess the heterogeneity of the effect sizes? Did these authors do that? Was that adequate? Are there any things they should have done differently or could have added? What information did their heterogeneity analyses provide?

10. Did they test any moderators? Should they have? What other possible moderators can you think of that might be useful to test in this meta-analysis?

11. Give at least 2 strengths of the article and at least 2 weaknesses or concerns you would have as a reviewer. For the concerns, are there ways that the authors could or did fix or address them?