
Project: Creative arts-based Interventions for the improvement of PTSD symptoms in young people: a meta-analysis with a focus on non-Western populations

Purpose: Reproduce meta-analysis reported in manuscript

Author: Briana Applewhite, Brennan Delattre, Ilina Singh, Morten Kringelbach, & Olivia Spiegler

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Software: Stata 18.5

Notes:

- This .do file contains the exact Stata commands used to generate the results (pooled analyses, subgroup analyses, meta-regressions, and plots).

- Dataset variables assumed:

ES (effect size), SE (standard error), Author, Study_ID,

Controltype, Interventiontype, Symptomseverity, Region, weeks

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* 1) Overall forest plot (random effects, REML)

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meta forestplot, random(reml)

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* 2) Subgroup analyses (pooled results)

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meta summarize, random(reml) subgroup(Controltype)

meta summarize, random(reml) subgroup(Interventiontype)

meta summarize, random(reml) subgroup(Symptomseverity)

meta summarize, random(reml) subgroup(Region)

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* 3) Meta-regression (continuous moderator: weeks)

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meta regress weeks, random(reml)

*_____

* 4) Subgroup-specific forest plots

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meta forestplot, random(reml) subgroup(Controltype)

meta forestplot, random(reml) subgroup(Symptomseverity)

meta forestplot, random(reml) subgroup(Region)

meta forestplot, random(reml) subgroup(Interventiontype)

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* 5) Funnel plot

*_____

meta funnelplot

*_____

* 6) Meta-regression with robust variance estimation (RVE)

* Clusters defined by Study_ID

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meta regress i.Interventiontype, rve(Study_ID)

* End of analysis.do
