Tables

Table 1.

Summary of d family effect sizes, standardizers, and their recommended use.

ES	Standardizer	Use
Cohen's d_{pop}	σ (population)	Independent groups, use in power analyses when population σ is known, σ calculated with n
Cohen's d_s	Pooled SD	Independent groups, use in power analyses when population σ is unknown, σ calculated with n-1
Hedges' *g*	Pooled SD	Independent groups, corrects for bias in small samples, report for use in meta-analyses
Glass's Δ	SD pre measurement or control condition	Independent groups, use when experimental manipulation might affect the SD
Hedges' g_{av}	$(SD_1 + SD_2)/2$	Correlated groups, report for use in meta-analyses (generally recommended over Hedges' g_{rm})
Hedges' g_{rm}	SD difference scores corrected for correlation	Correlated groups, report for use in meta-analyses (more conservative then Hedges' g_{av})
Cohen's d_z	SD difference scores	Correlated groups, use in power analyses

Table 2.

Summary of r family effect sizes and their recommended use.

ES (Biased)	**ES (Less Biased)**	**Use**
eta squared (μ^2)	omega squared (ω^2)	Use for comparisons of effects within a single study
eta squared (μ_p^2)	omega squared (ω_p^2)	Use in power analyses, and for comparisons of effect sizes across studies with the same experimental design.
Generalized eta squared (μ_G^2)	Generalized omega squared (ω_G^2)	Use in meta-analyses to compare across experimental designs

Table 3.

Artificial movie evaluations

	Movie 1	Movie 2	Difference
	9.00	9.00	0.00
	7.00	6.00	1.00
	8.00	7.00	1.00
	9.00	8.00	1.00
	8.00	7.00	1.00
	9.00	9.00	0.00
	9.00	8.00	1.00
	10.00	8.00	2.00
	9.00	8.00	1.00
	9.00	7.00	2.00
M	8.70	7.70	1.00
SD	0.82	0.95	0.67