S3: Supplementary equations used to calculate the small-sample bias corrected log response ratio (Lajeuness 2015) and Hedges’ *d* for group comparisons and Fisher’s z for correlations together with the corresponding variance estimates. *xt* and *xc* denote the mean, *sdt* and *sdc* denote the standard deviation and *nt* and *nc* denote the sample size in the treatment and control groups whereas *r* and *n* denote the correlation coefficient and sample size.

eqn 1

eqn 2

eqn 3

eqn 4

eqn 5

eqn 6

Lajeunesse, M.J. (2015) Bias and correction for the log response ratio in ecological meta-analysis. *Ecology*, **96**, 2056–2063.

Forest plots showing the distribution of effect sizes in the simulated datasets for the four deletion/correlation scenarios: missing completely at random (MCAR), missing at random (MAR), missing not at random (MNAR) are shown in the upper panel. The data sets with correlations between effect sizes and SDs/SSs are shown in the lower panel.

