Figures main manuscript

Heterogeneity in direct replications in psychology and its association with effect size

##Figure 1
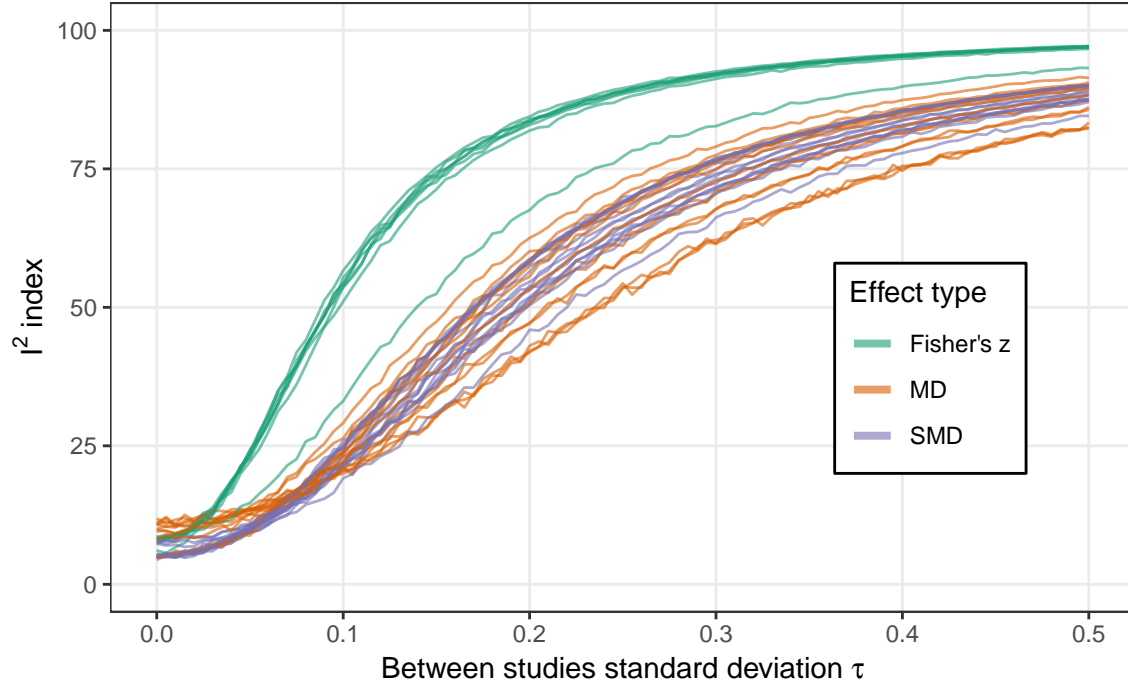

Figure 1. Result of simulation relating I^2-values to between studies standard deviation. Each line represent one of 37 effects. Tau is not directly comparable across effect size measures.
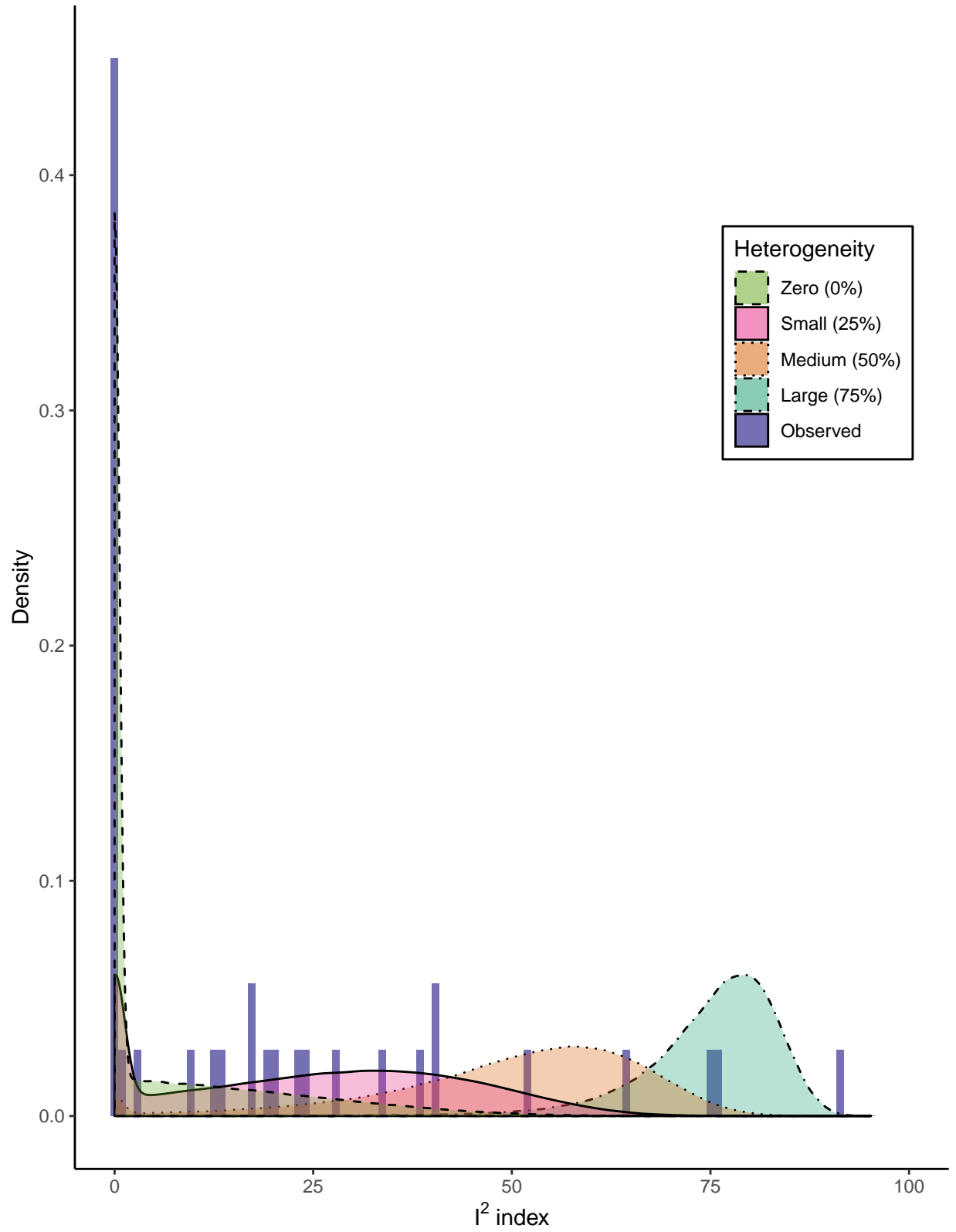
##Figure 2

Figure 2. Simulated I^2 densities across 37 effects for zero, small, medium, and large heterogeneity according to the definitions of Higgins (2003), and a histogram of the observed I^2 estimates for the 37 effects. Each simulated density consists of approximately 370,000 estimates.

##Figure 3, correlations per effect type
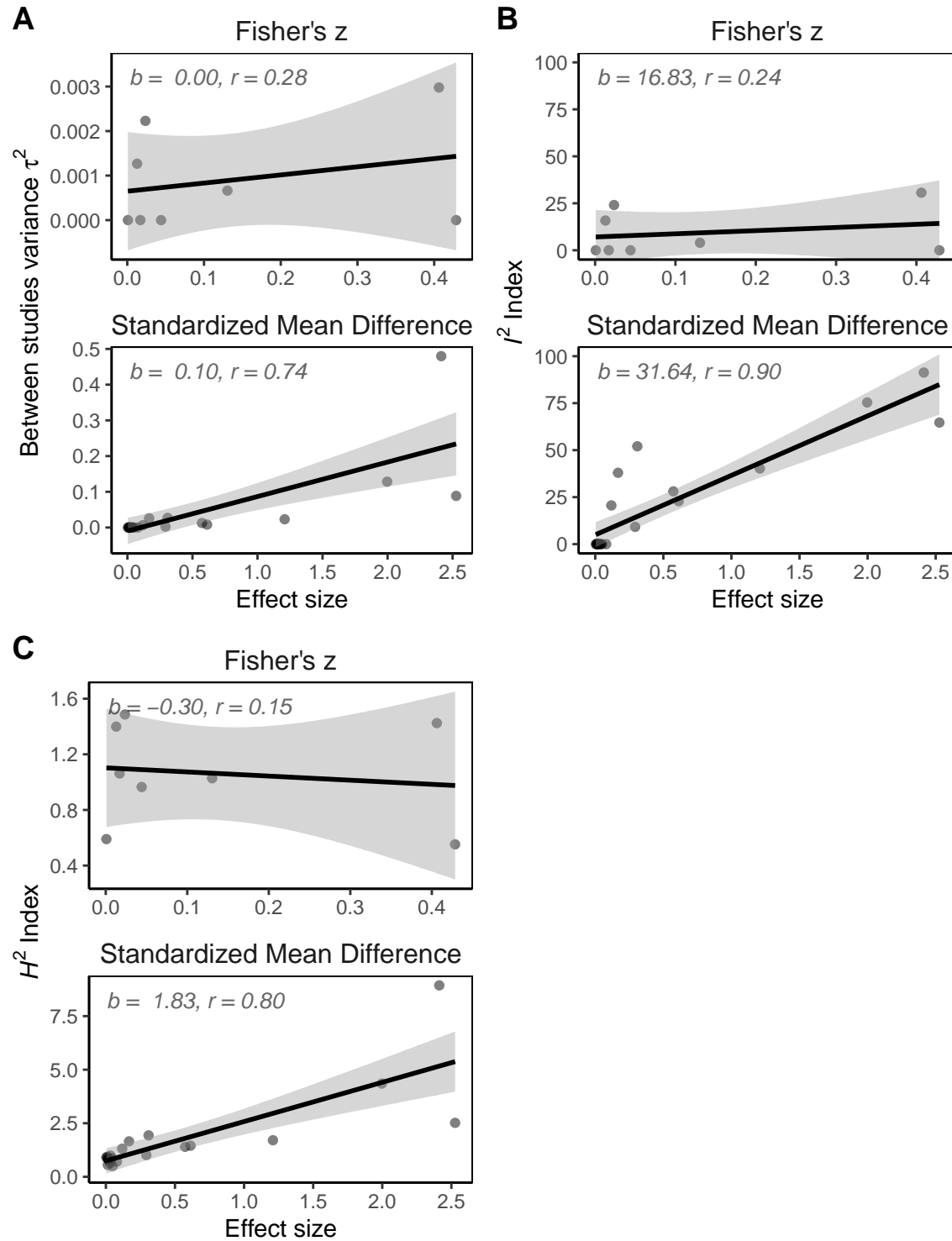
A

B

C

Figure 3. The correlation between effect size and A) tau2, b) I2 and c) H2 respectively 22 effects that were measured as mean or standardized mean differences and 6 effects measured as correlations from ten pre-registered multi-lab replication projects. Effects reported as mean differences were standardized and correlations were transformed into Fisher's z. Shaded bands represent 95% confidence intervals