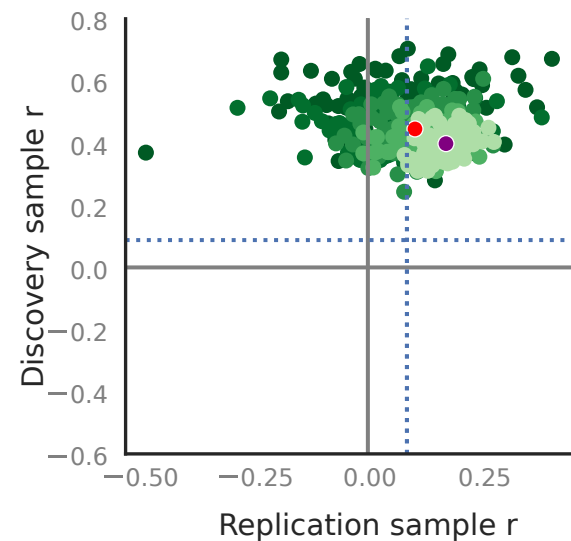


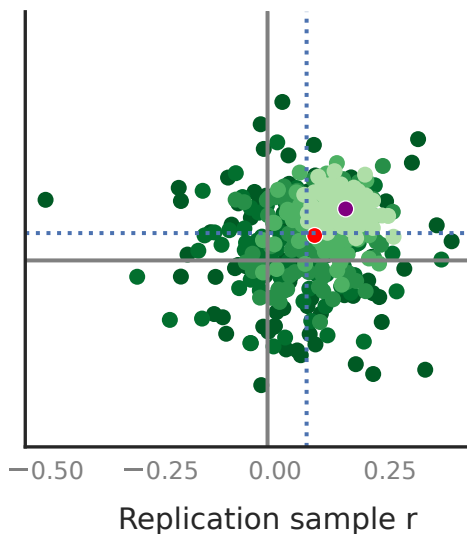
Without vs. with cross-validation

a Without cross-validation

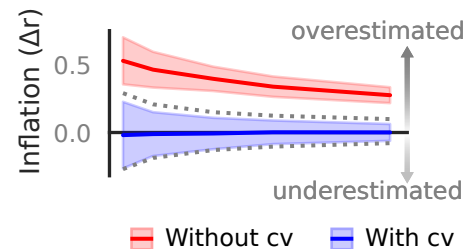


Sample size: ● 50 ● 100 ● 200 ● 300 ● 495

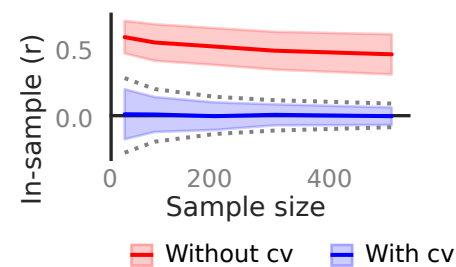
b With cross-validation



c Inflation (discovery sample)



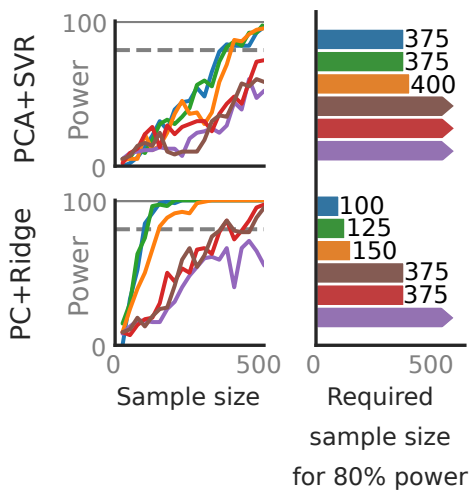
d Null model



With cross-validation

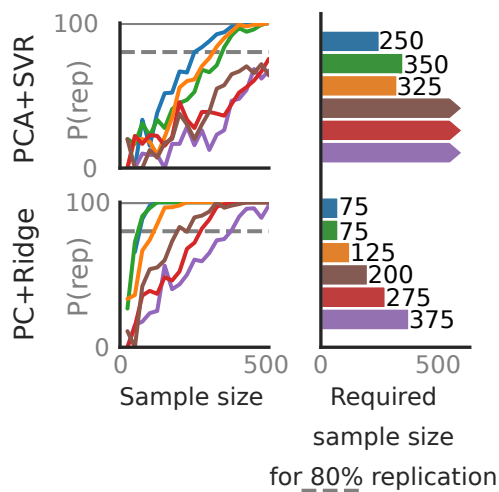
e Power

/



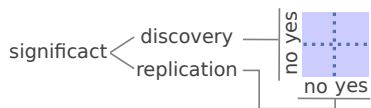
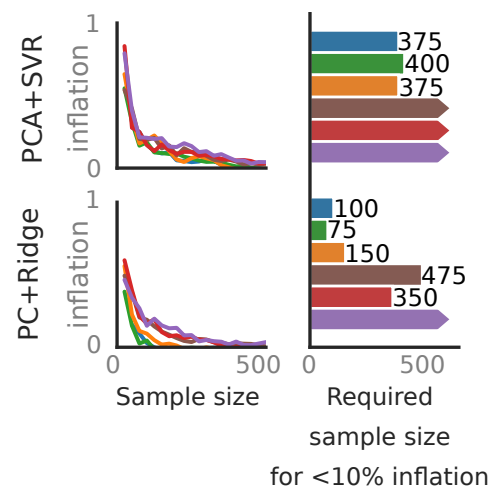
f Replication

/



g Publication bias

Δr ()



Age

Episodic memory

Cognitive ability

Cognitive flexibility

Fluid intelligence

Inhibition (flanker)