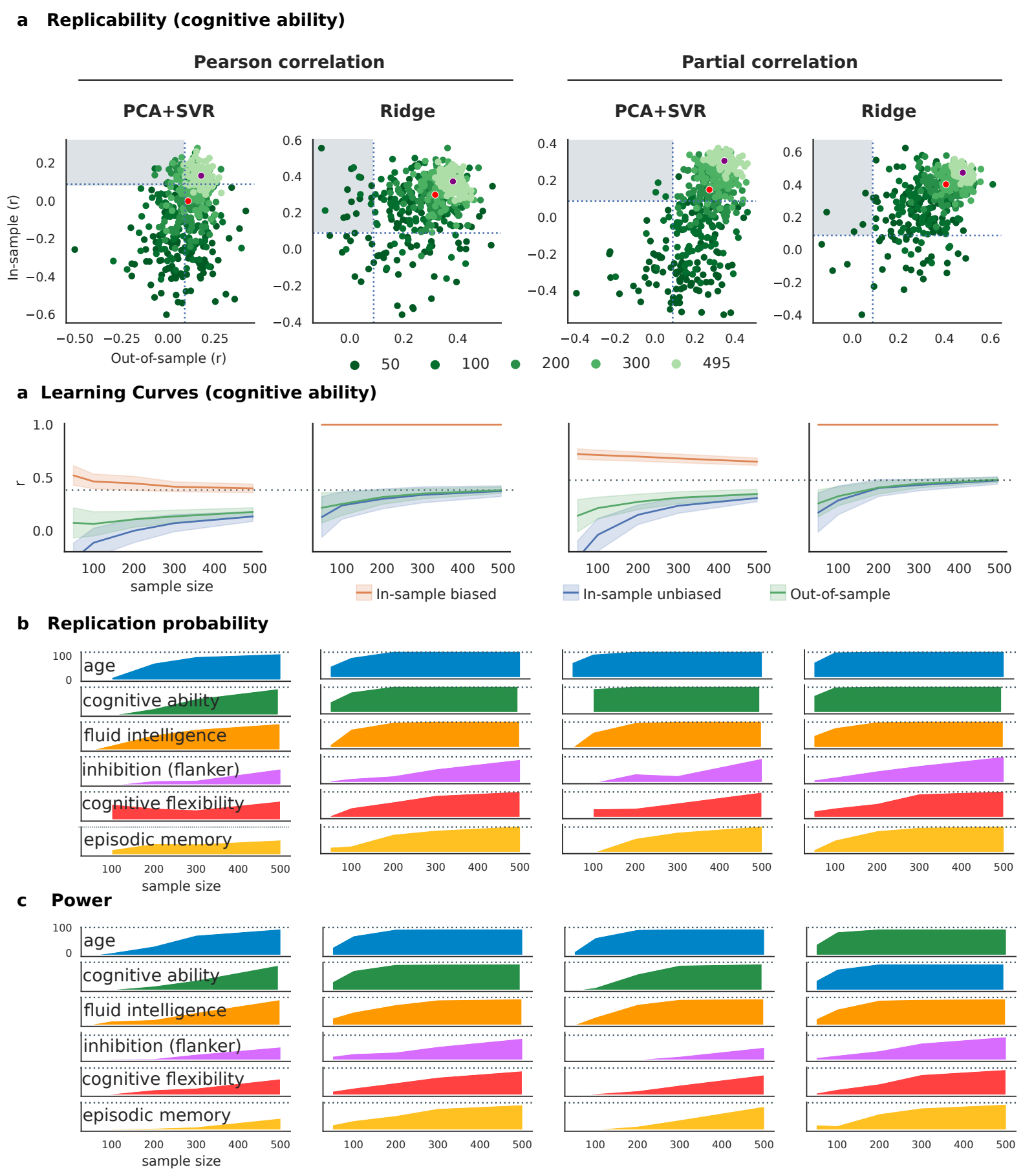
a Replicability (cognitive ability)
Pearson correlation
Partial correlation
PCA+SVR
Ridge
PCA+SVR
Ridge
In-sample (r)
Out-of-sample (r)
50
100
200
300
495
a Learning Curves (cognitive ability)
r
sample size
In-sample biased
In-sample unbiased
Out-of-sample
b Replication probability
age
cognitive ability
fluid intelligence
inhibition (flanker)
cognitive flexibility
episodic memory
sample size
c Power
age
cognitive ability
fluid intelligence
inhibition (flanker)
cognitive flexibility
episodic memory
sample size