

Ten-fold cross-validation
mean squared error with 95% confidence intervals

Global cognition

$R^2 = 0.118$

Memory

$R^2 = 0.048$

Processing speed

$R^2 = 0.129$

Executive function

$R^2 = 0.202$

Reasoning

$R^2 = 0.149$

Outcome
variable

- Global cognition
- Memory
- Processing speed
- Executive function
- Reasoning

Logged value of regularisation penalty term : $\ln(\lambda)$