

Composite Reliability

Test: Composite Reliability

Design: Congeneric reliability computed from CFA loadings and uniquenesses for each construct.

Variables: G1, G2, G3, famrel, freetime, goout

Null hypothesis: Composite reliability is at or below the declared adequacy threshold.

Formula: $CR = \frac{(\sum \lambda)^2}{(\sum \lambda)^2 + \sum \theta}$.

Source rows: 649

Calculated metrics:

academic_cr: 0.953464892096776

social_cr: 0.4647308232606

minimum_cr: 0.4647308232606

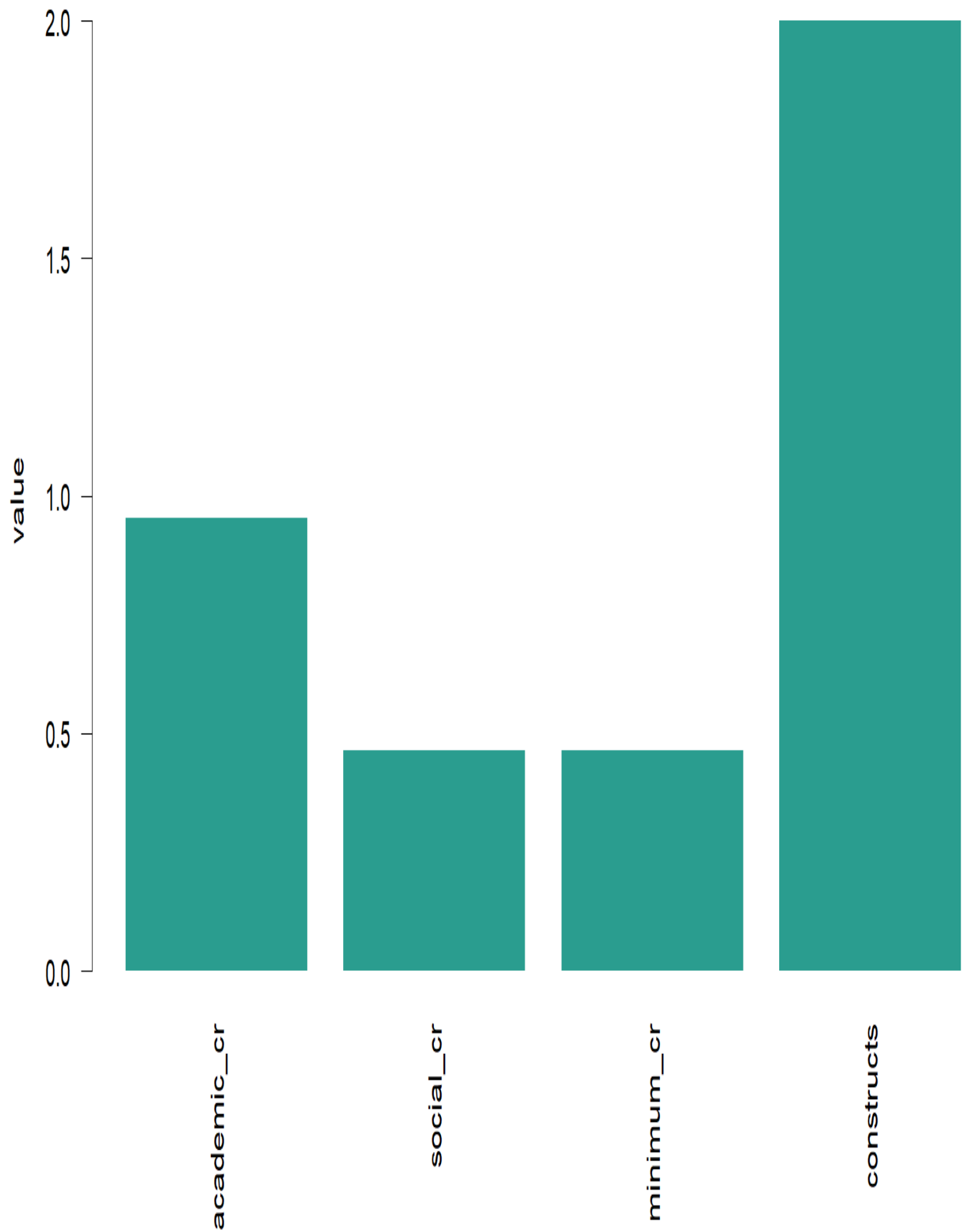
constructs: 2

Interpretation:

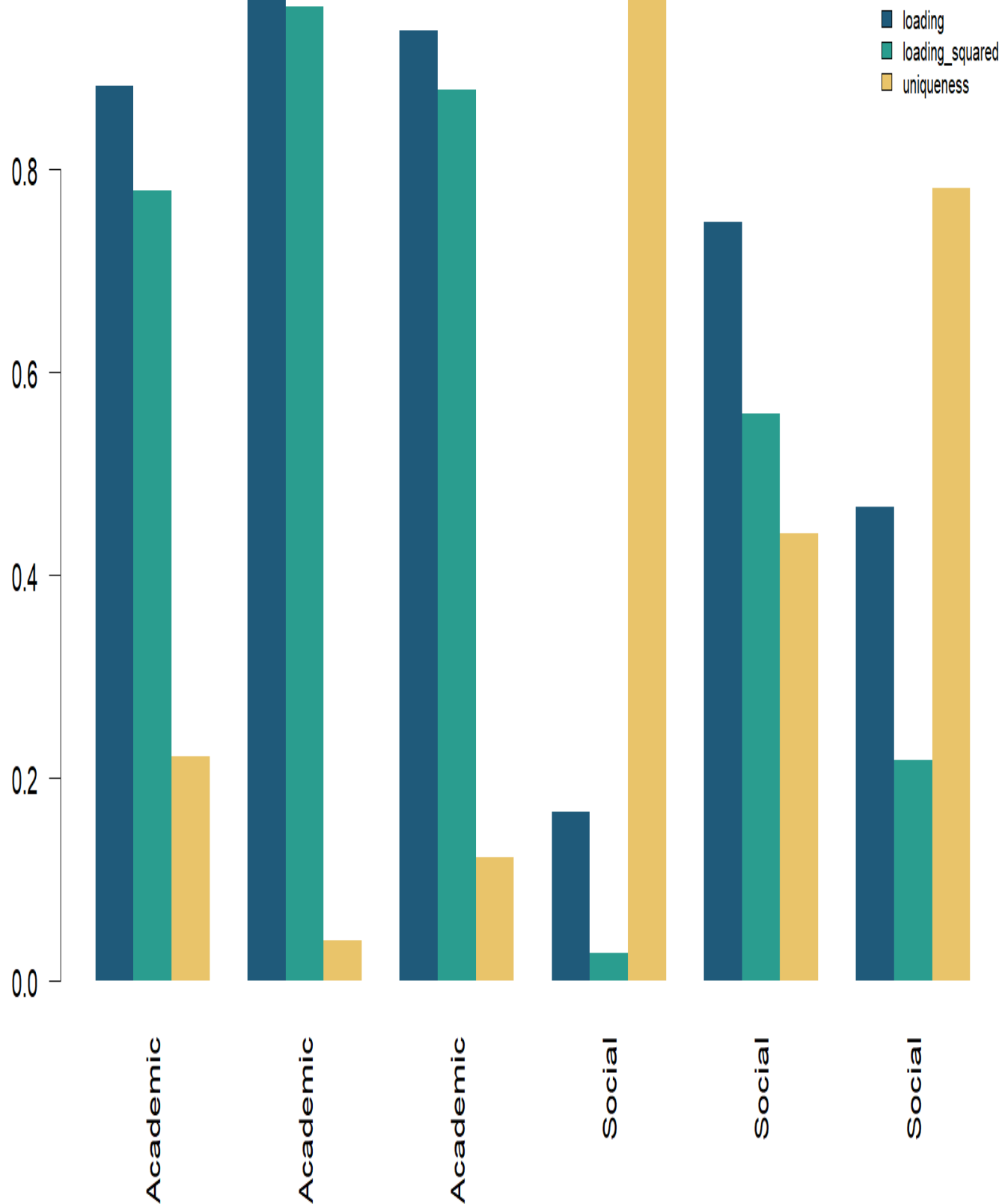
Composite reliability uses congeneric CFA loadings.

Minimum CR 0.4647308232606

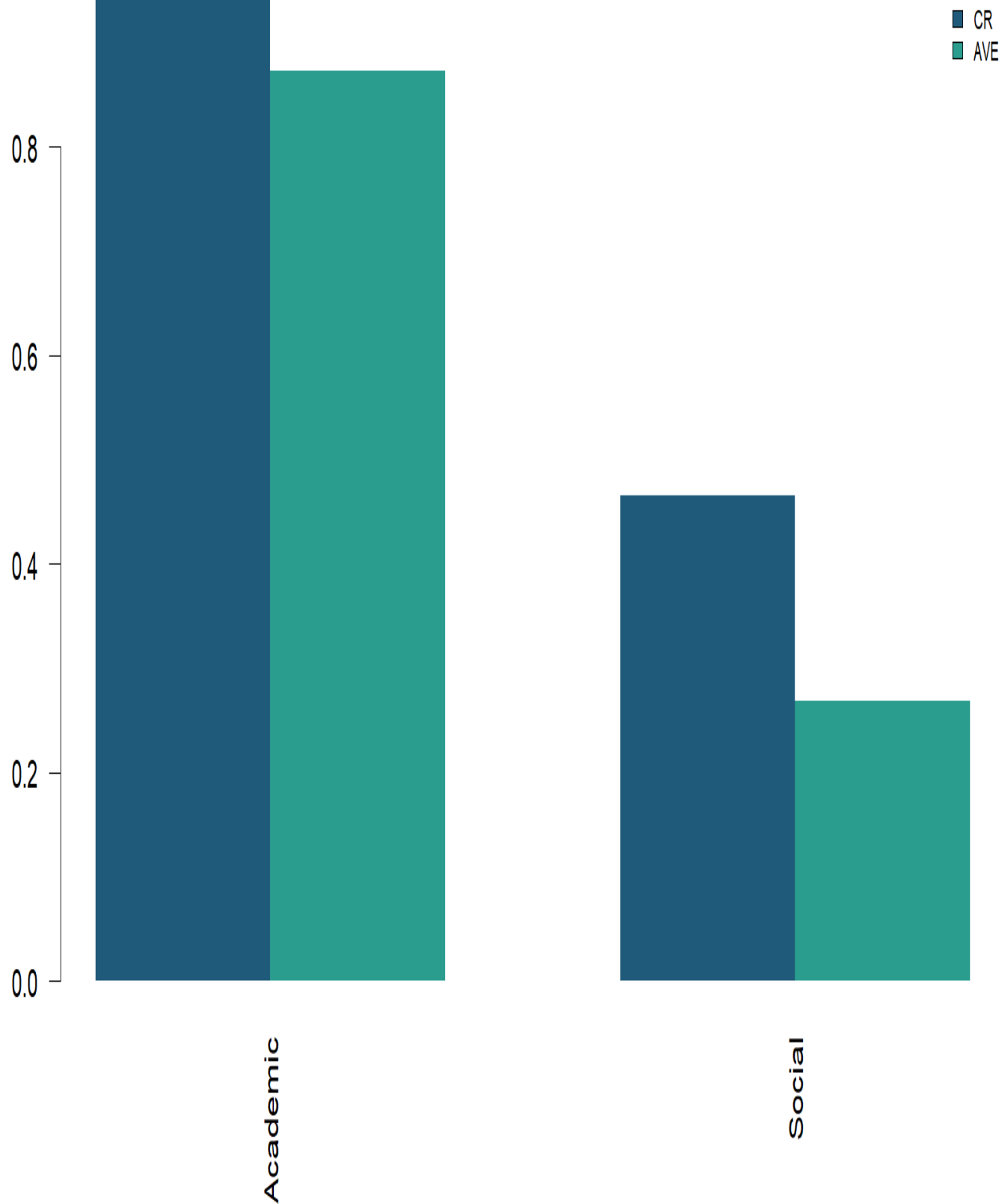
Composite Reliability - primary metrics



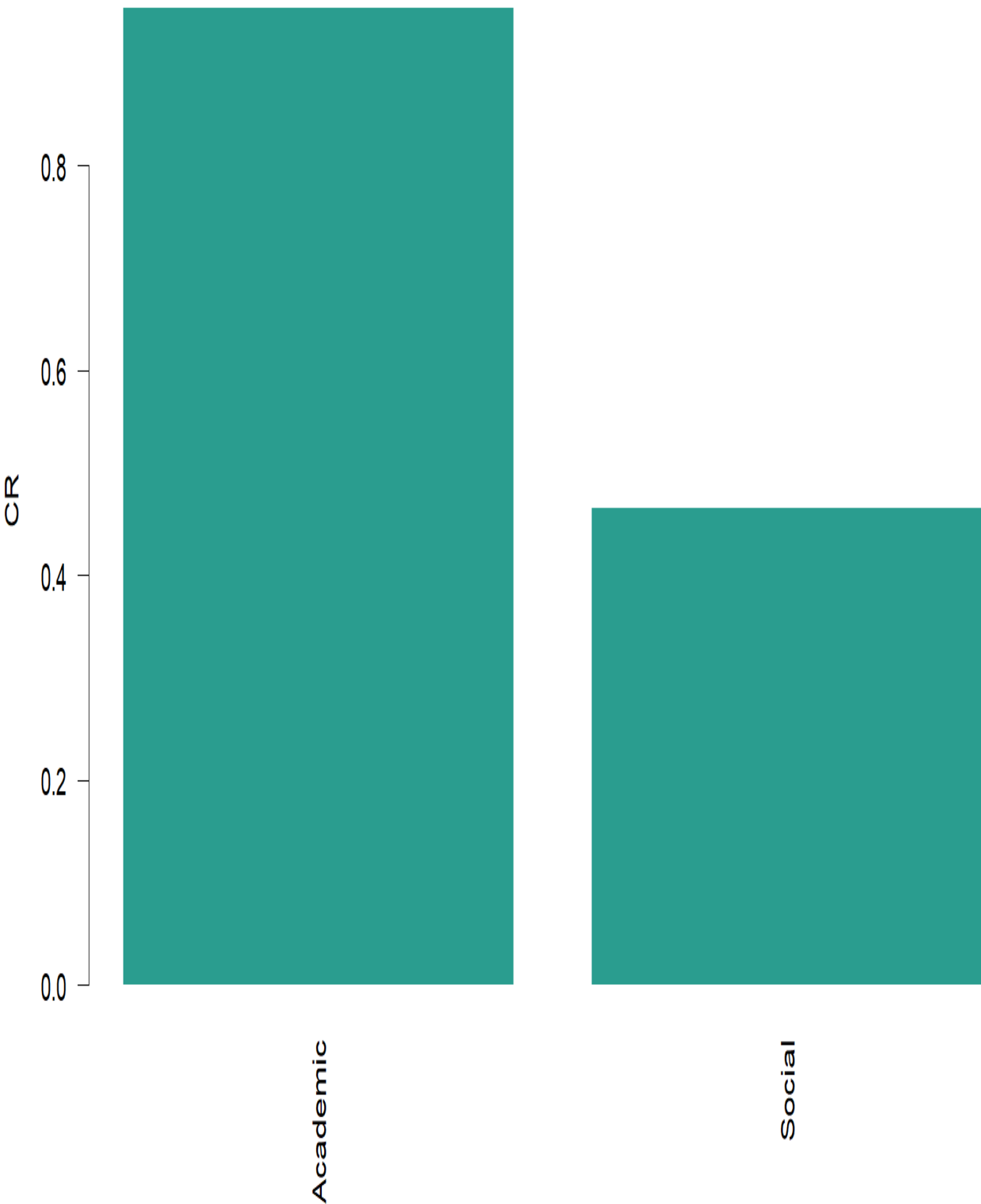
Composite Reliability - standardized loadings



Composite Reliability - reliability by construct



Composite Reliability - reliability thresholds



Composite Reliability verified results

