

AMOS–Style Maximum–Likelihood SEM Diagnostics

Test: AMOS–Style Maximum–Likelihood SEM Diagnostics

Design: Covariance–ML fit with standardized residual and modification–priority diagnostics.

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

Null hypothesis: The AMOS–style covariance model has exact fit and no large localized residuals.

Formula: ML fit plus standardized residual covariance diagnostics; largest residual flags respecification priority.

Source rows: 649

Calculated metrics:

chi_square: 13.7639720984401

cfi: 0.997398206239512

rmsea: 0.0333448246929569

maximum_standardized_residual: 0.113188546934651

largest_residual_item_1: famrel

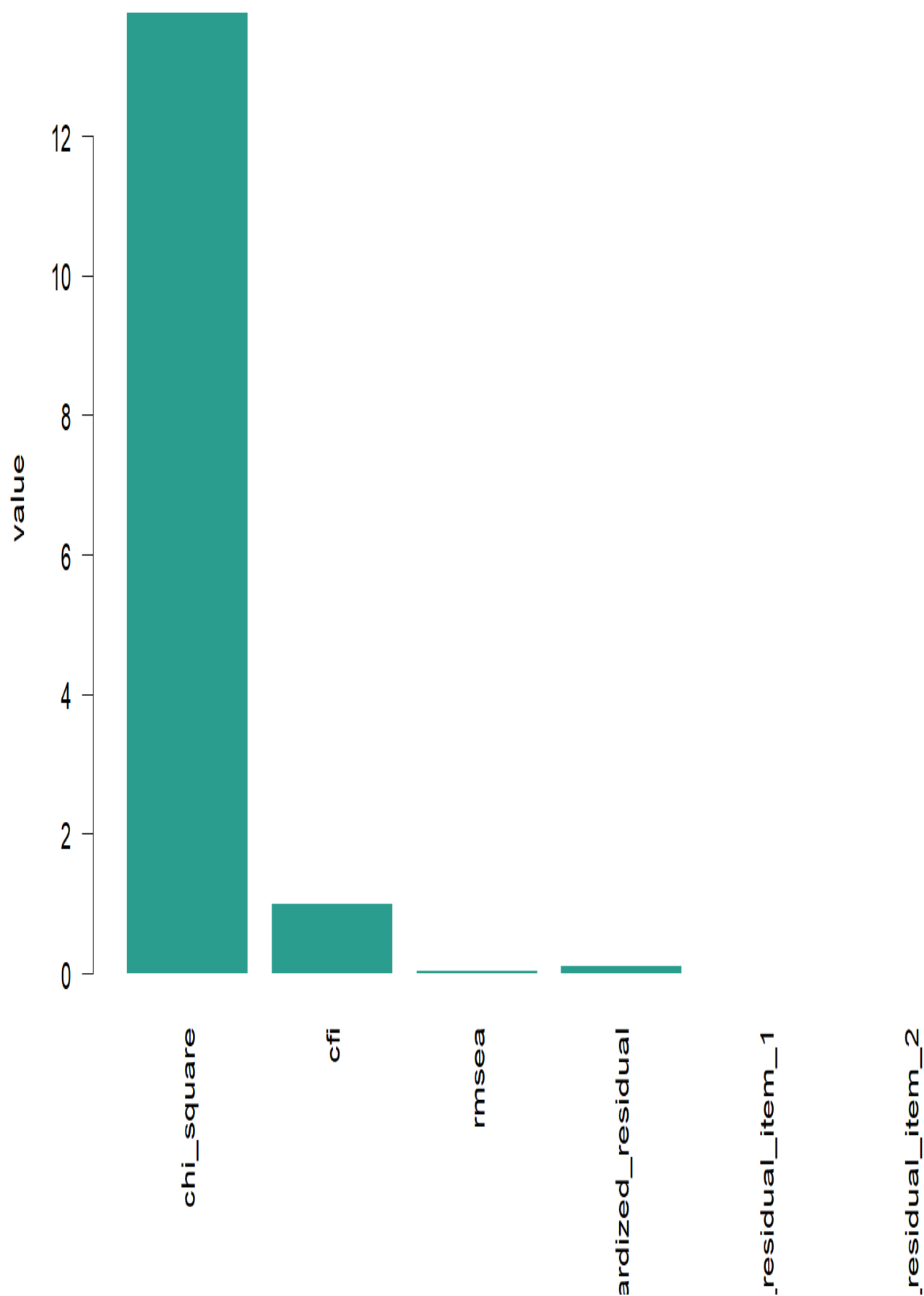
largest_residual_item_2: G2

Interpretation:

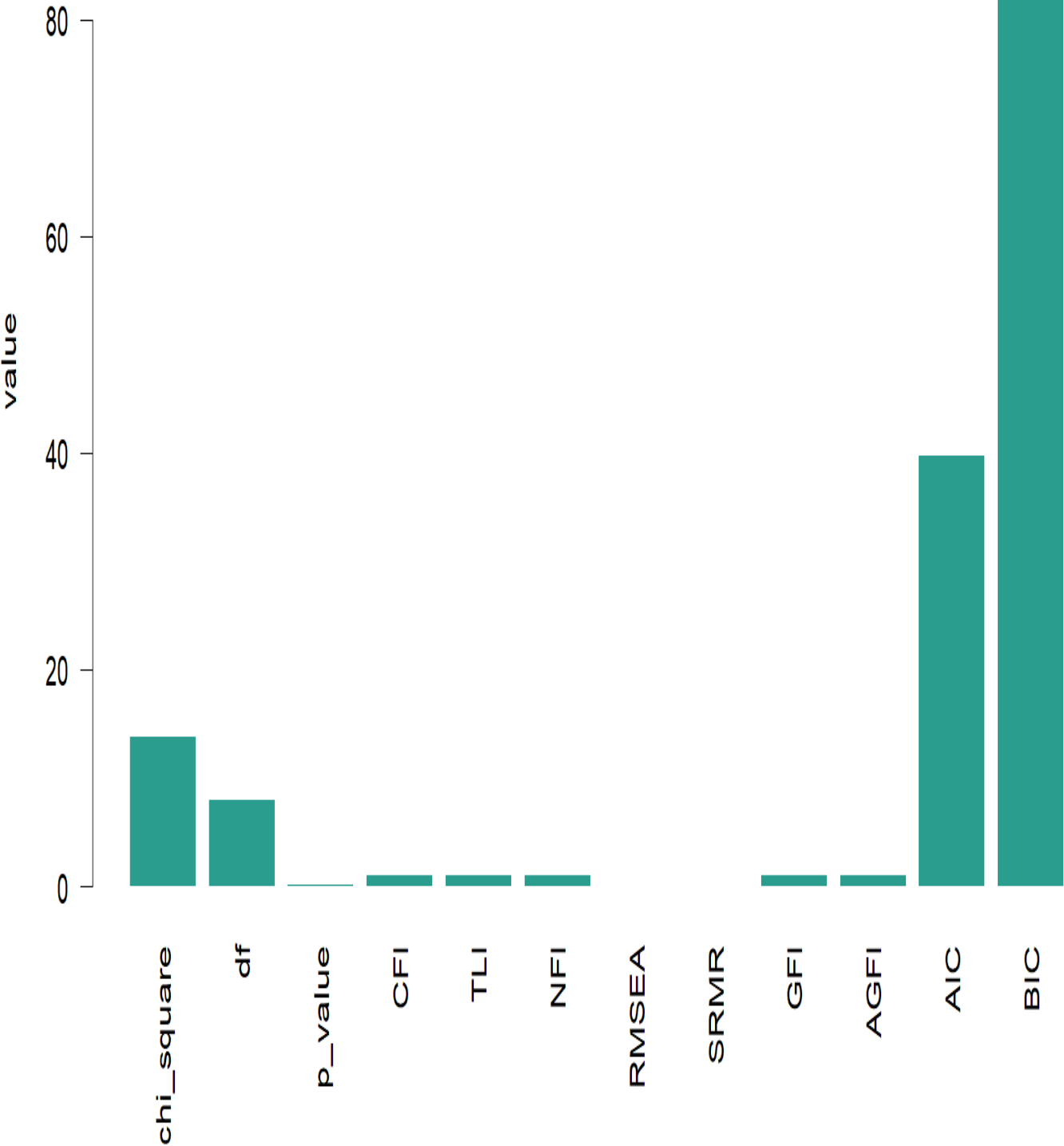
AMOS–style diagnostics localize covariance residuals.

Maximum residual 0.113188546934651

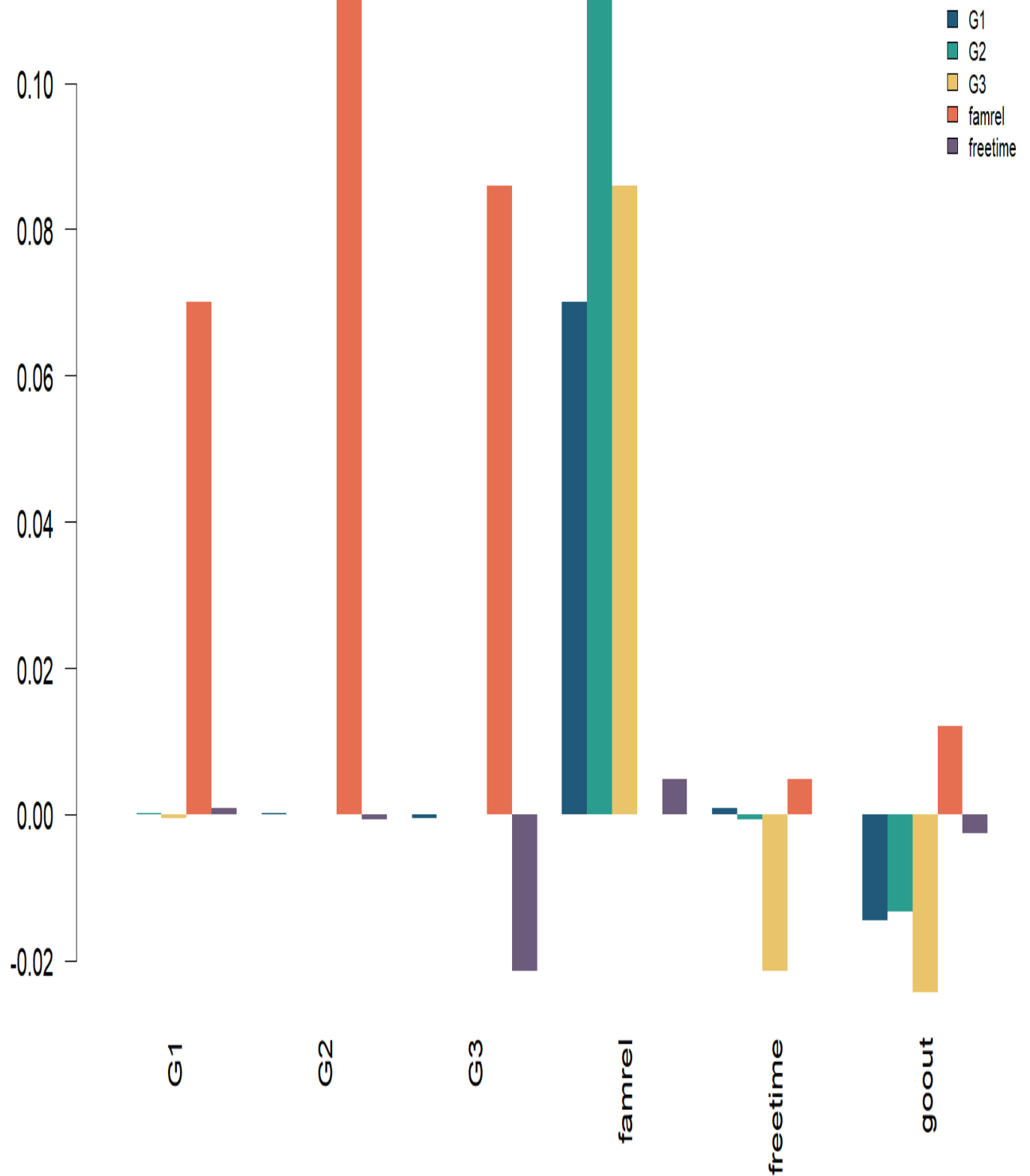
AMOS-Style Maximum-Likelihood SEM Diagnostics - primary metrics



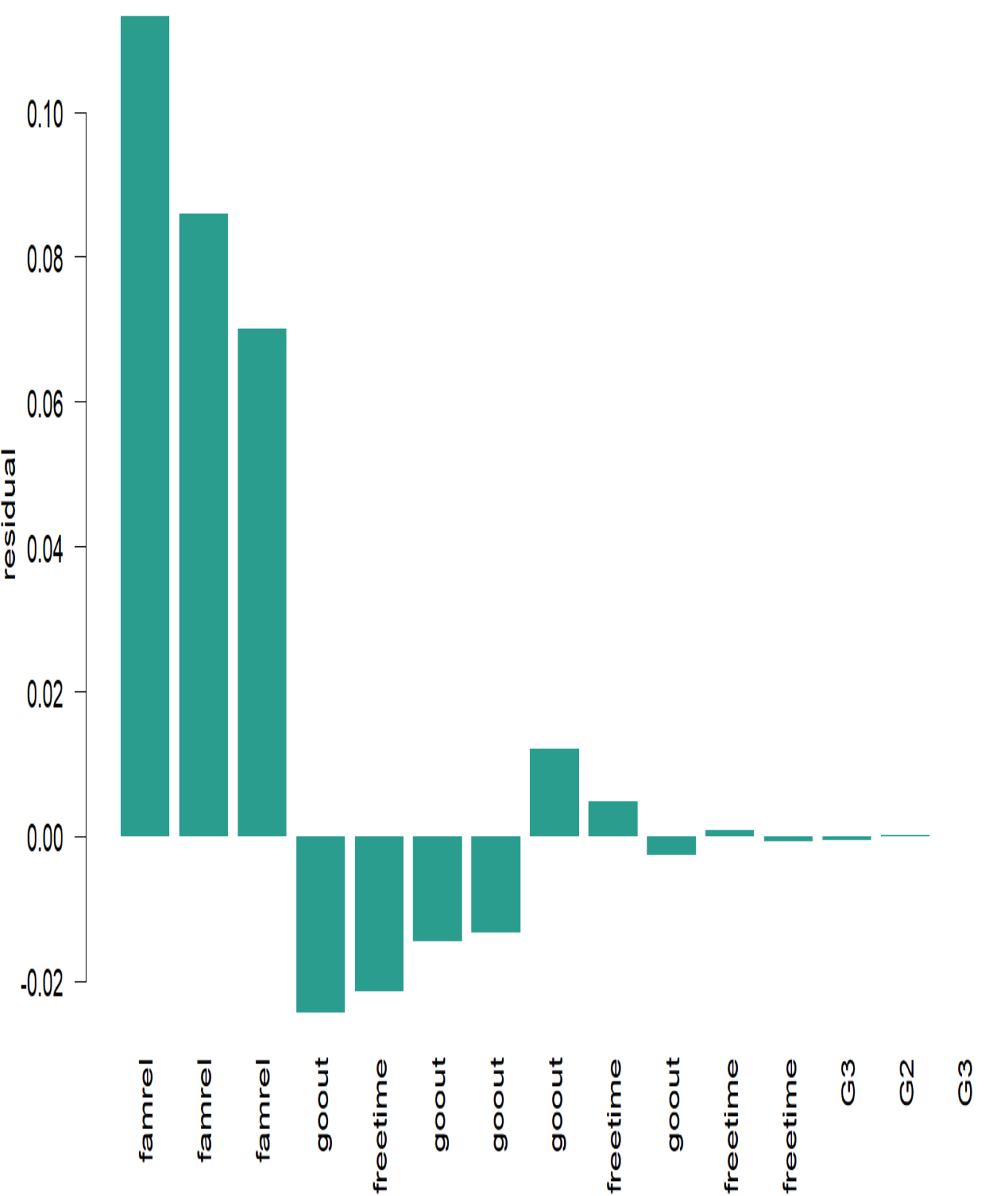
AMOS-Style Maximum-Likelihood SEM Diagnostics - amos ml fit panel



AMOS-Style Maximum-Likelihood SEM Diagnostics - amos standardized residuals



AMOS-Style Maximum-Likelihood SEM Diagnostics - amos localized residual priorities



AMOS-Style Maximum-Likelihood SEM Diagnostics verified results

