

Adjusted Goodness-of-Fit Index

Test: Adjusted Goodness-of-Fit Index

Design: Degrees-of-freedom-adjusted absolute fit for the two-factor CFA.

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

Null hypothesis: The adjusted goodness-of-fit does not exceed the conventional adequate-fit region.

Formula: $AGFI = 1 - [p(p+1)/(2df)](1-GFI)$.

Source rows: 649

Calculated metrics:

agfi: 0.980666728465518

gfi: 0.99263494417734

df: 8

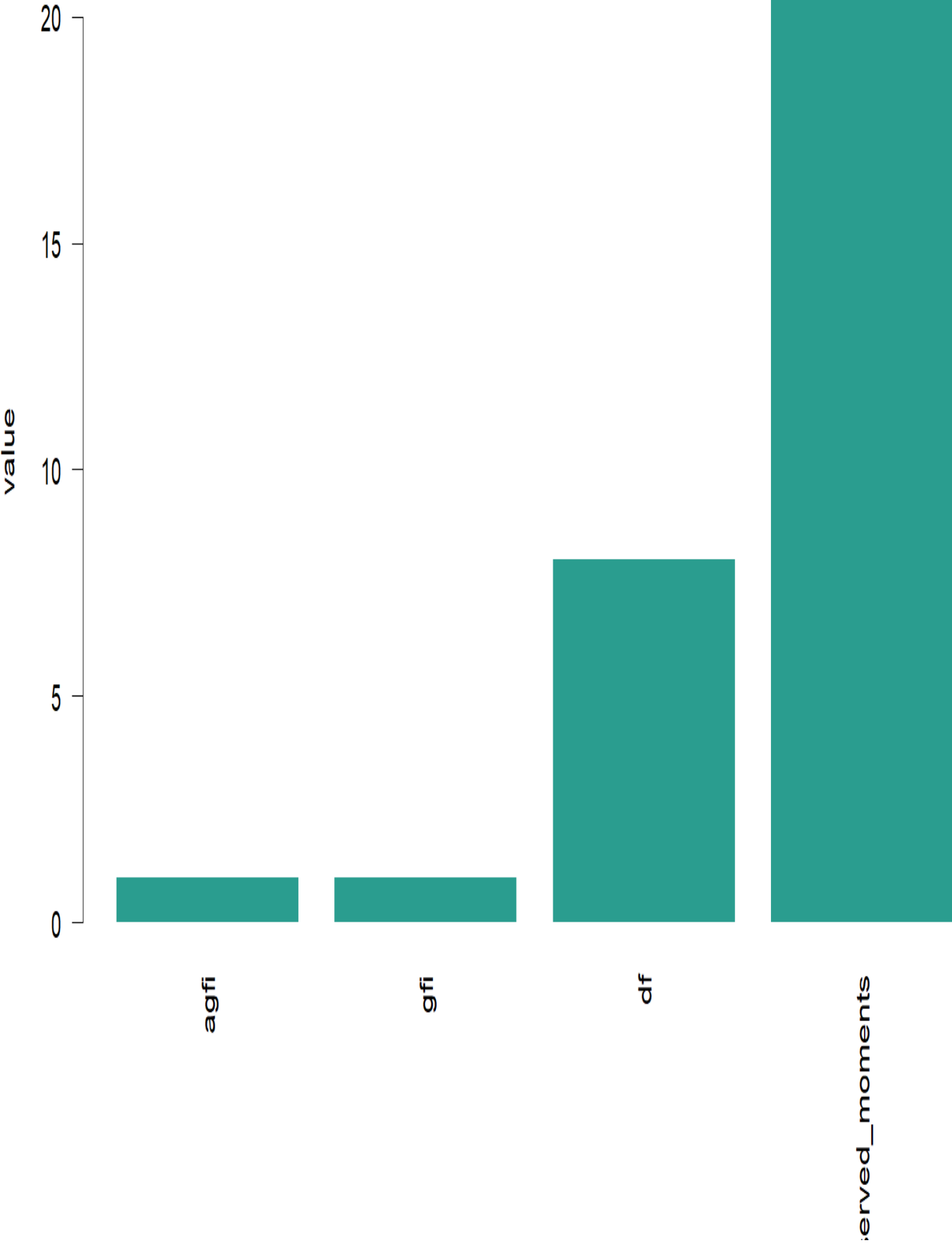
observed_moments: 21

Interpretation:

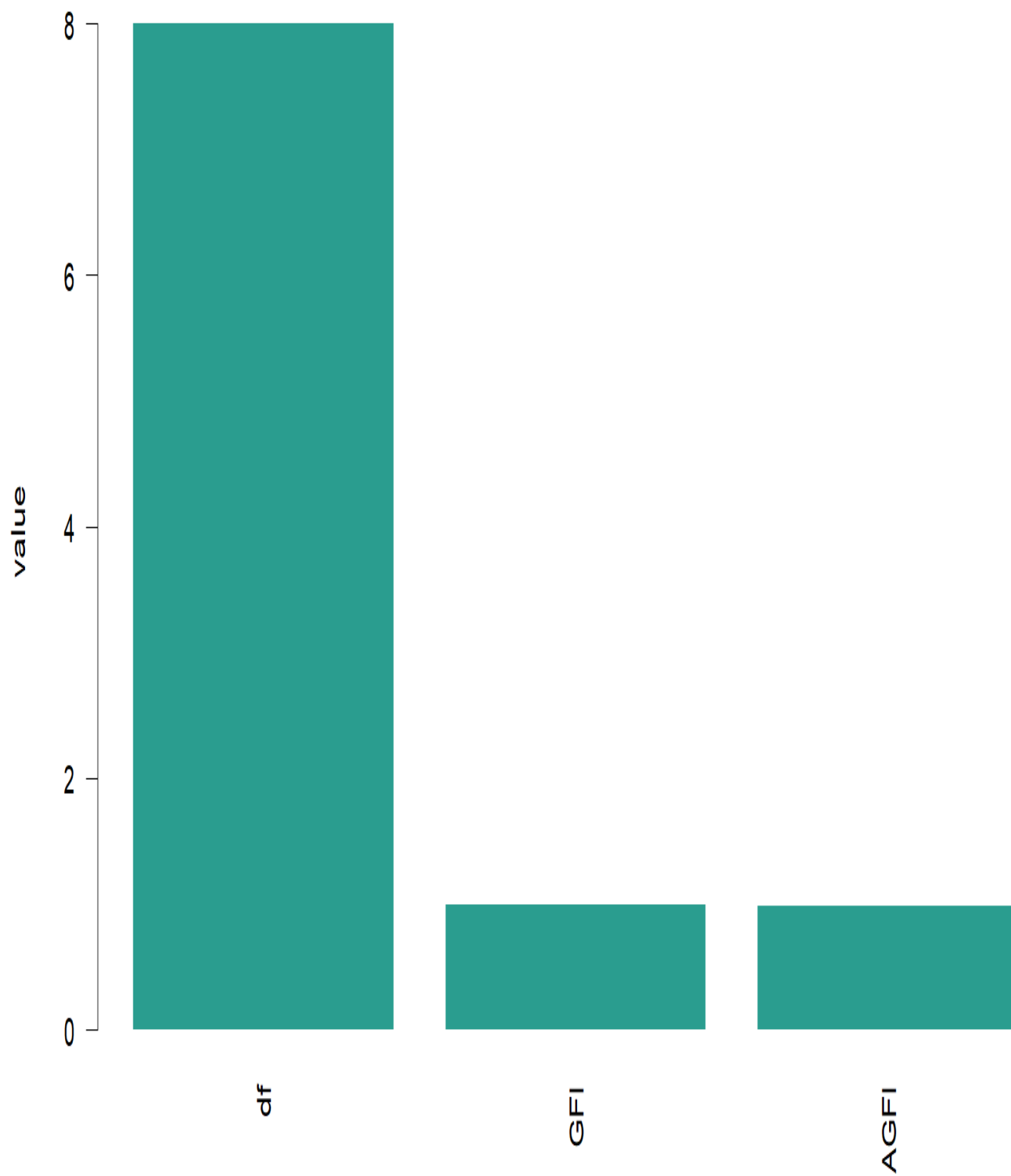
AGFI penalizes GFI for model degrees of freedom.

AGFI 0.980666728465518

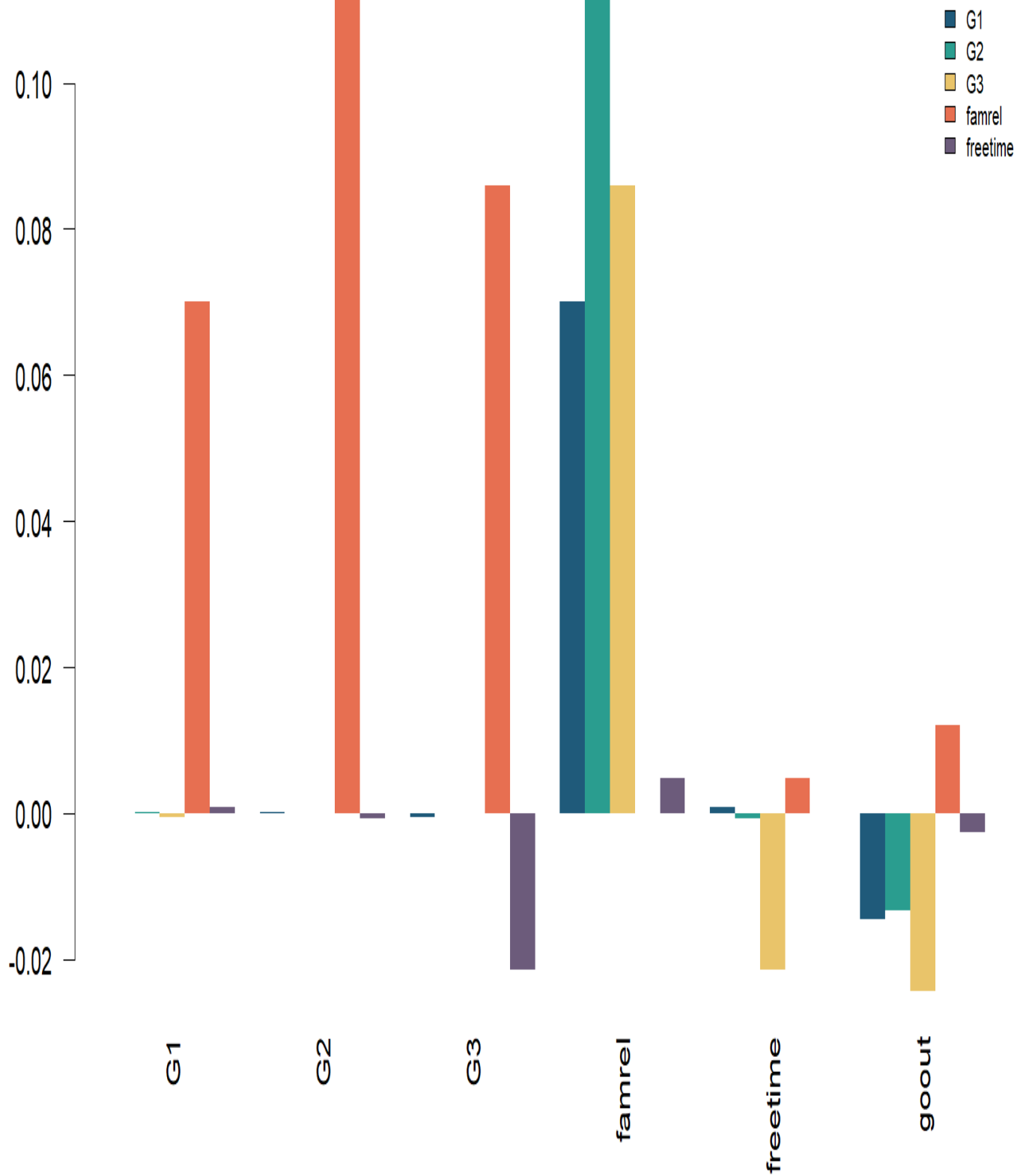
Adjusted Goodness-of-Fit Index - primary metrics



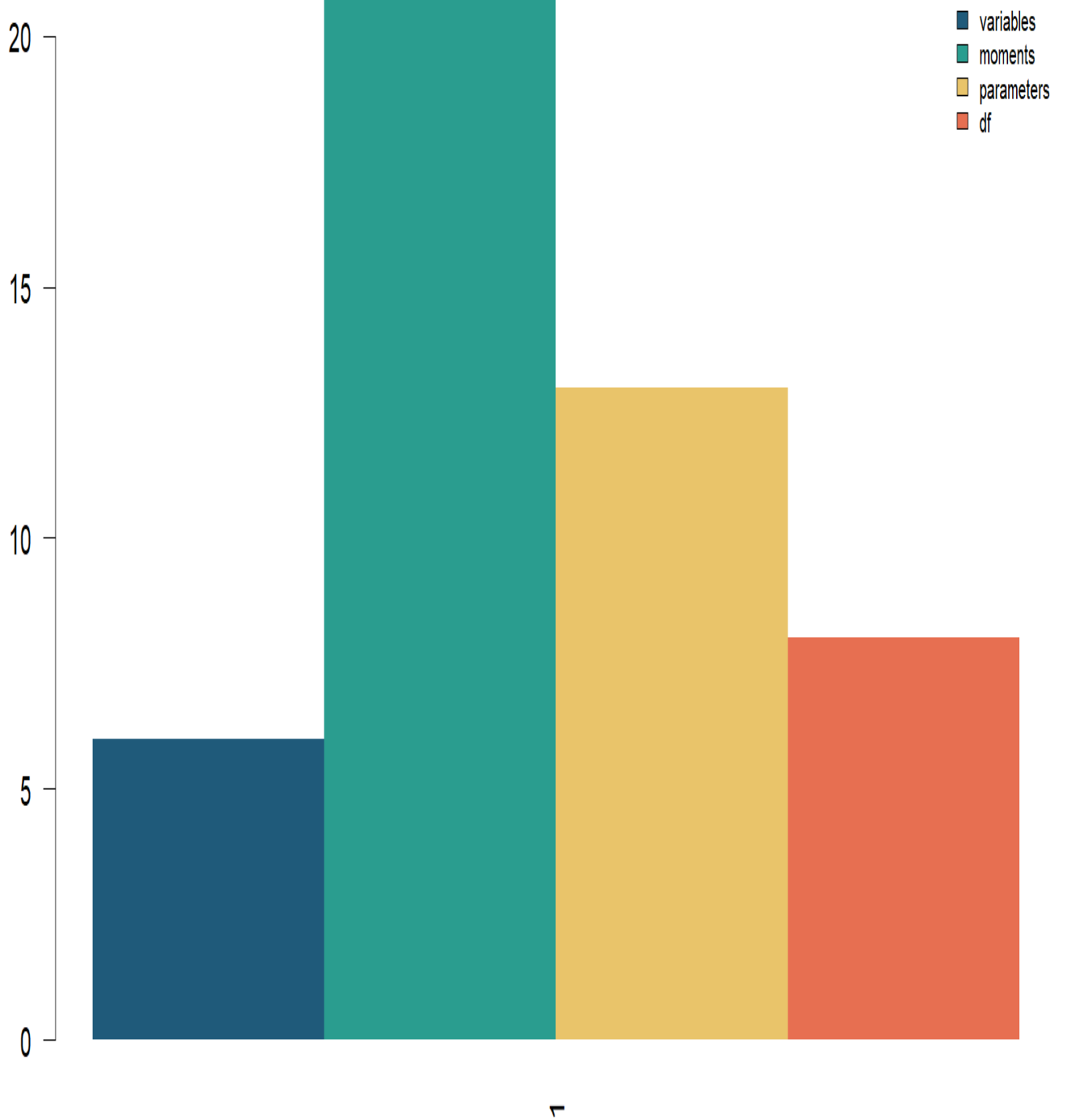
Adjusted Goodness-of-Fit Index - agfi components



Adjusted Goodness-of-Fit Index - residual correlation matrix



Adjusted Goodness-of-Fit Index - model dimensions



Adjusted Goodness-of-Fit Index verified results

