

G Goodness-of-Fit Test

Verified R analysis transcript

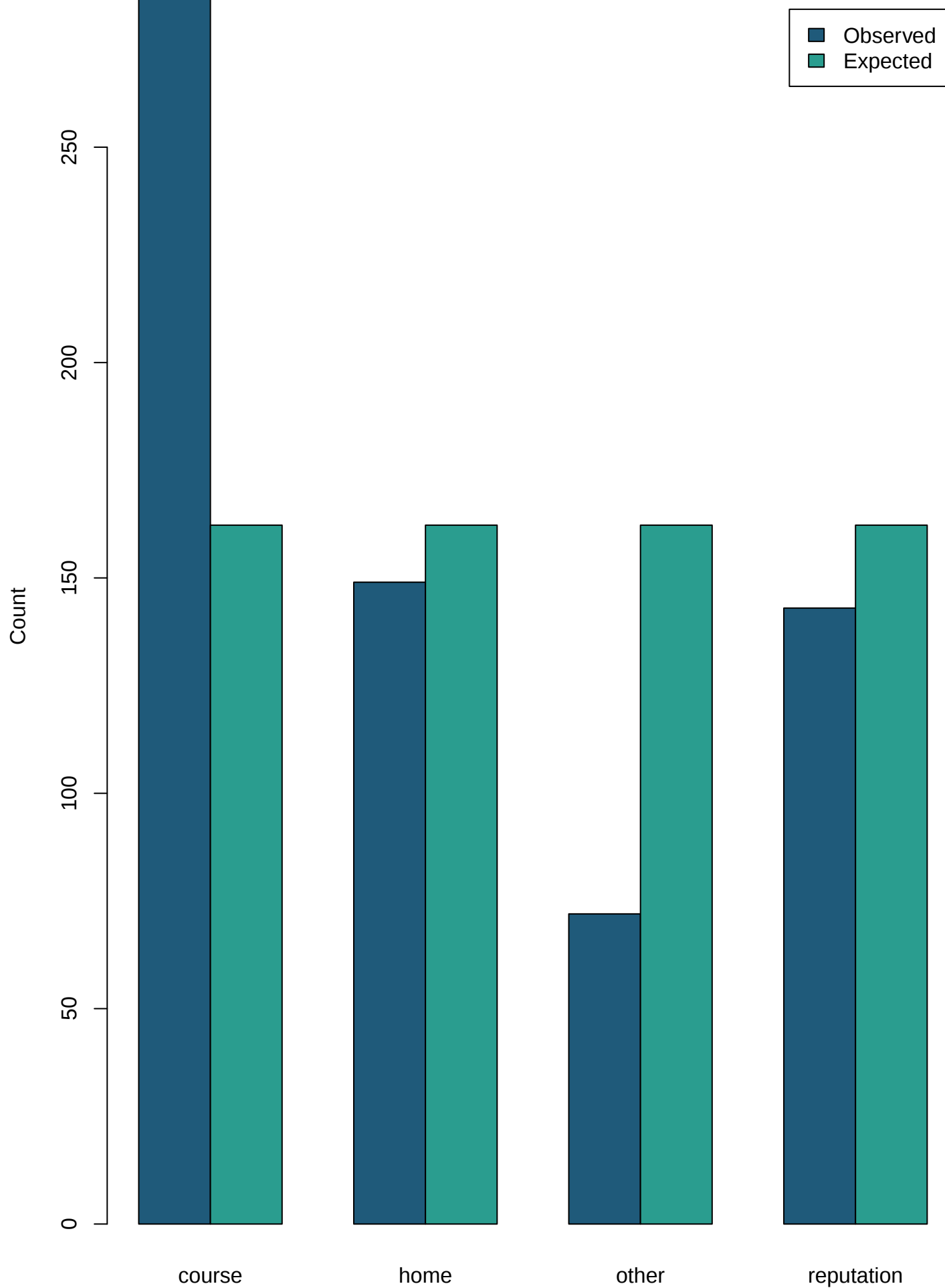
One-variable goodness-of-fit design for the reason categories.

Formula: $G\text{-squared} = 2 \sum O \log(O/E)$.

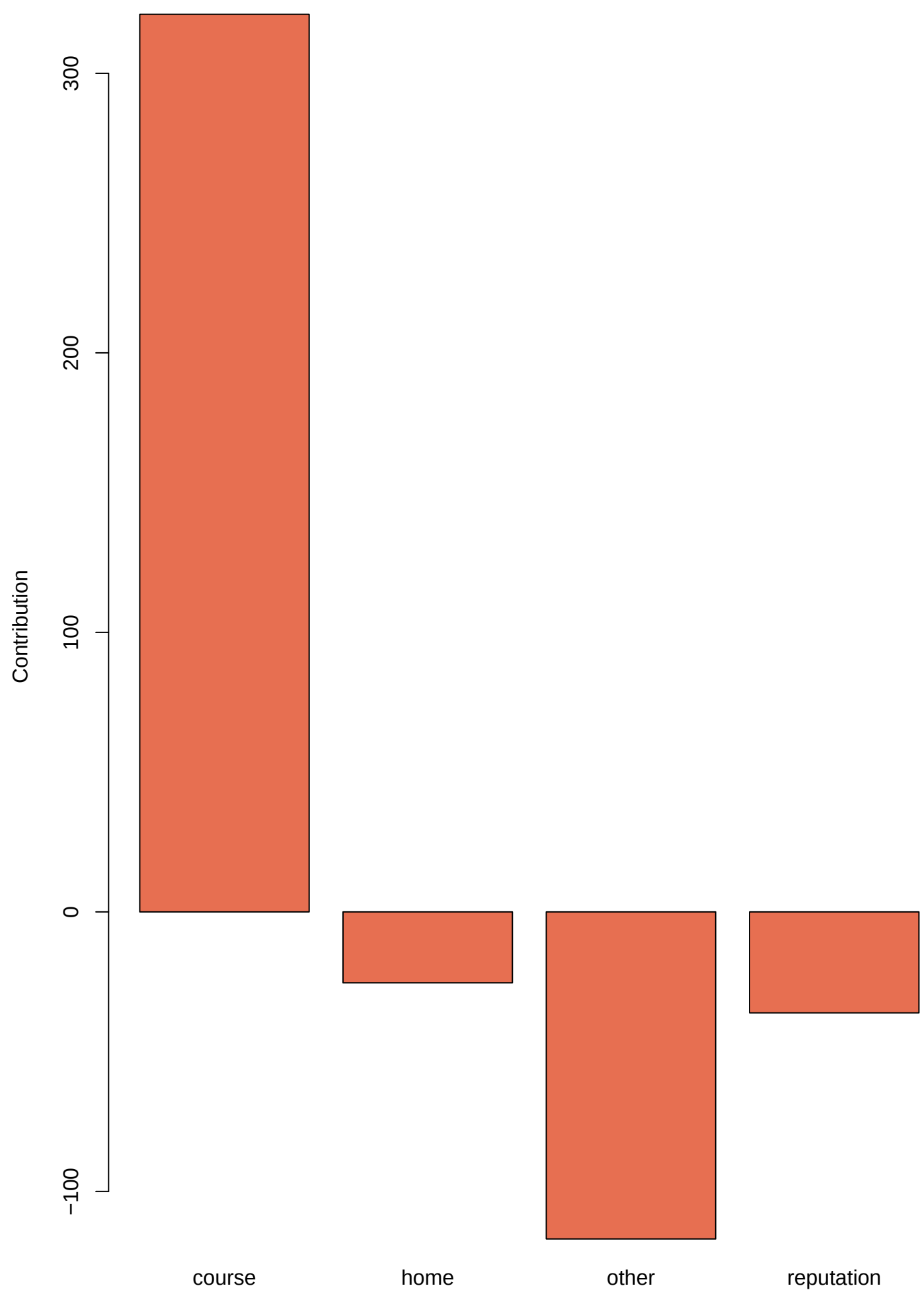
Statistic = 142.6067318; df = 3; p = 1.036014243e-30.

The null assigns equal probability to each of the four observed reason categories.

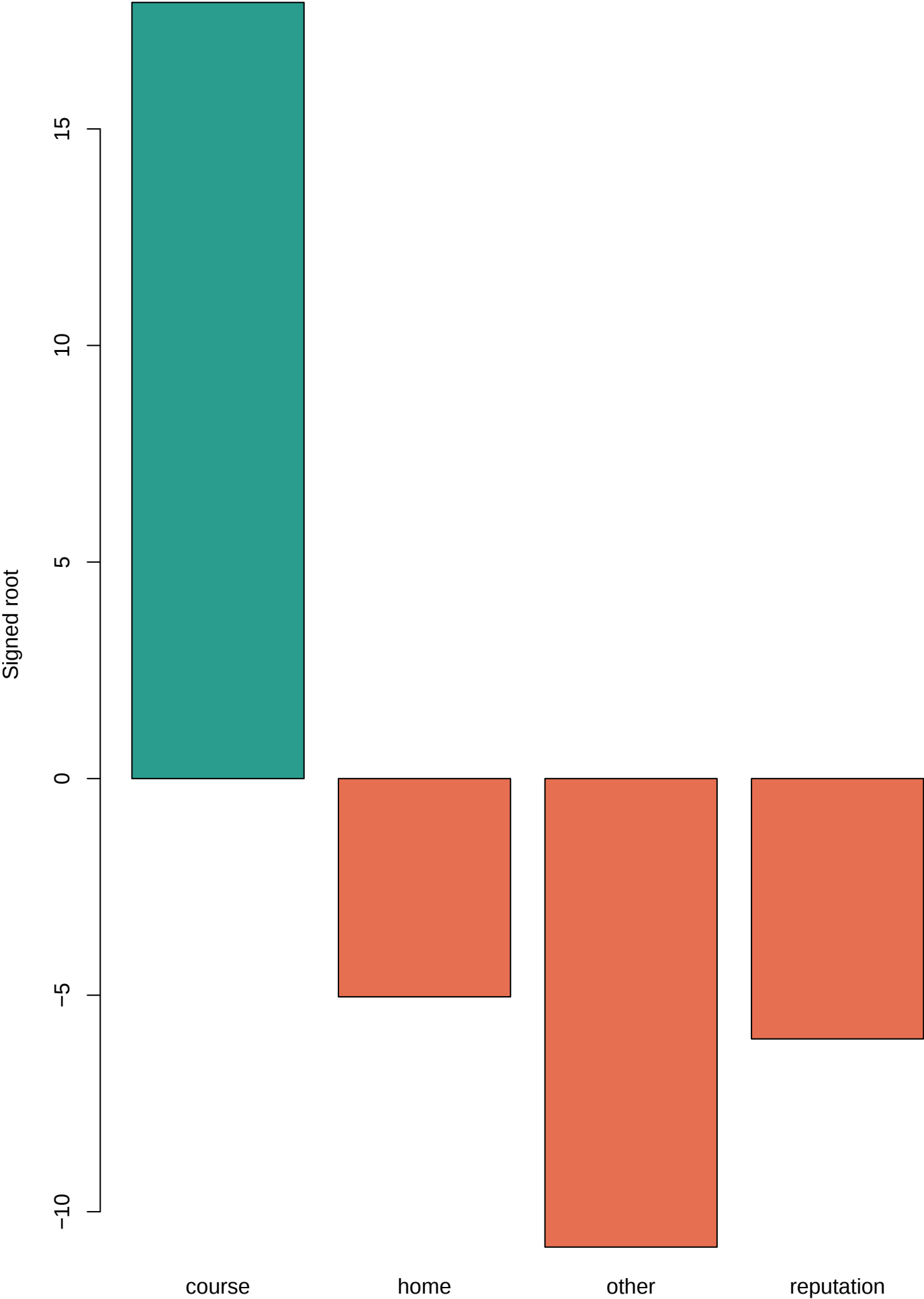
Observed and equal-probability expected counts



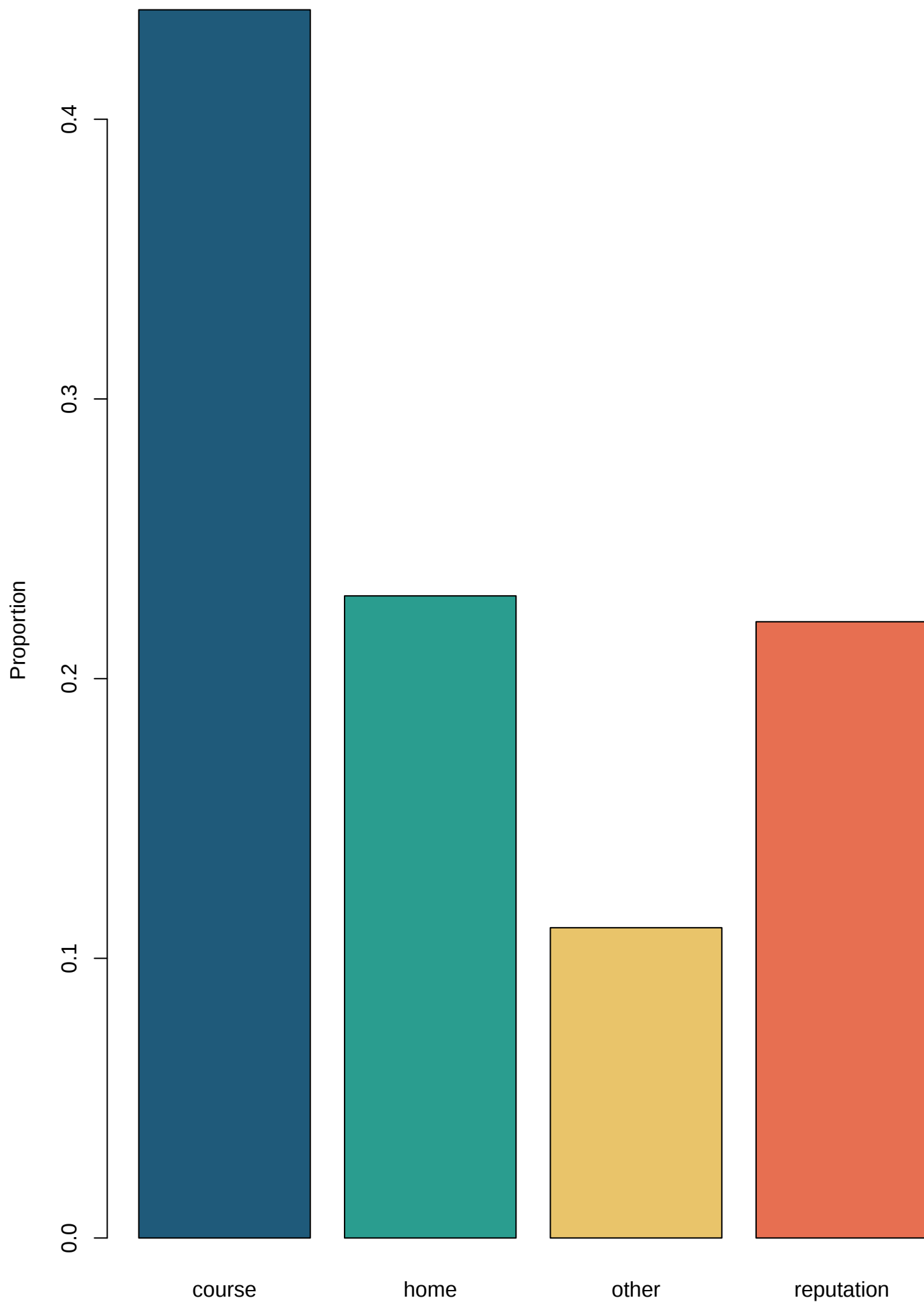
G-squared log-likelihood contributions



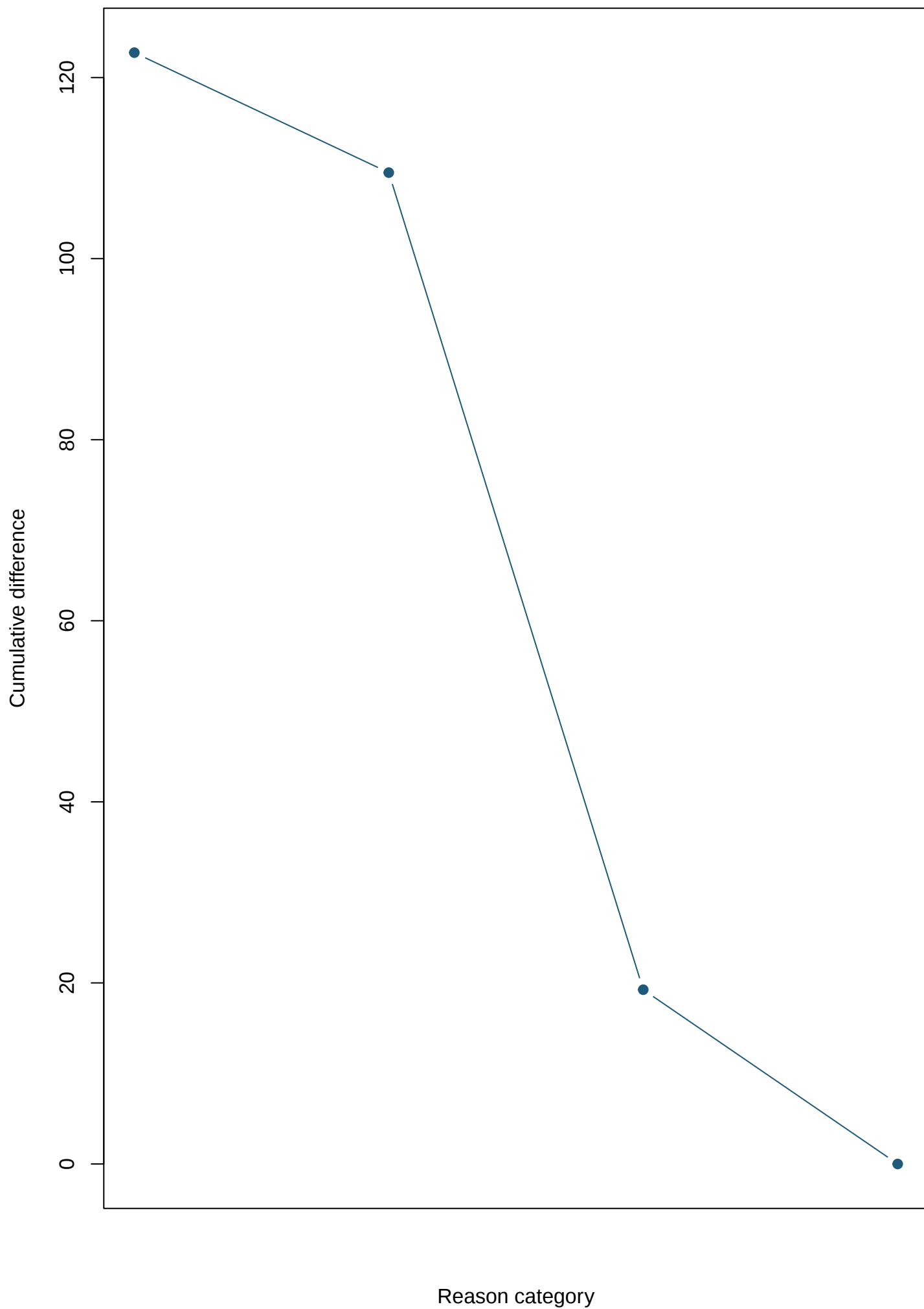
Signed root contributions



Observed reason proportions



Cumulative observed-minus-expected departure



G Goodness-of-Fit Test key results

