

Fisher–Freeman–Halton Exact Test

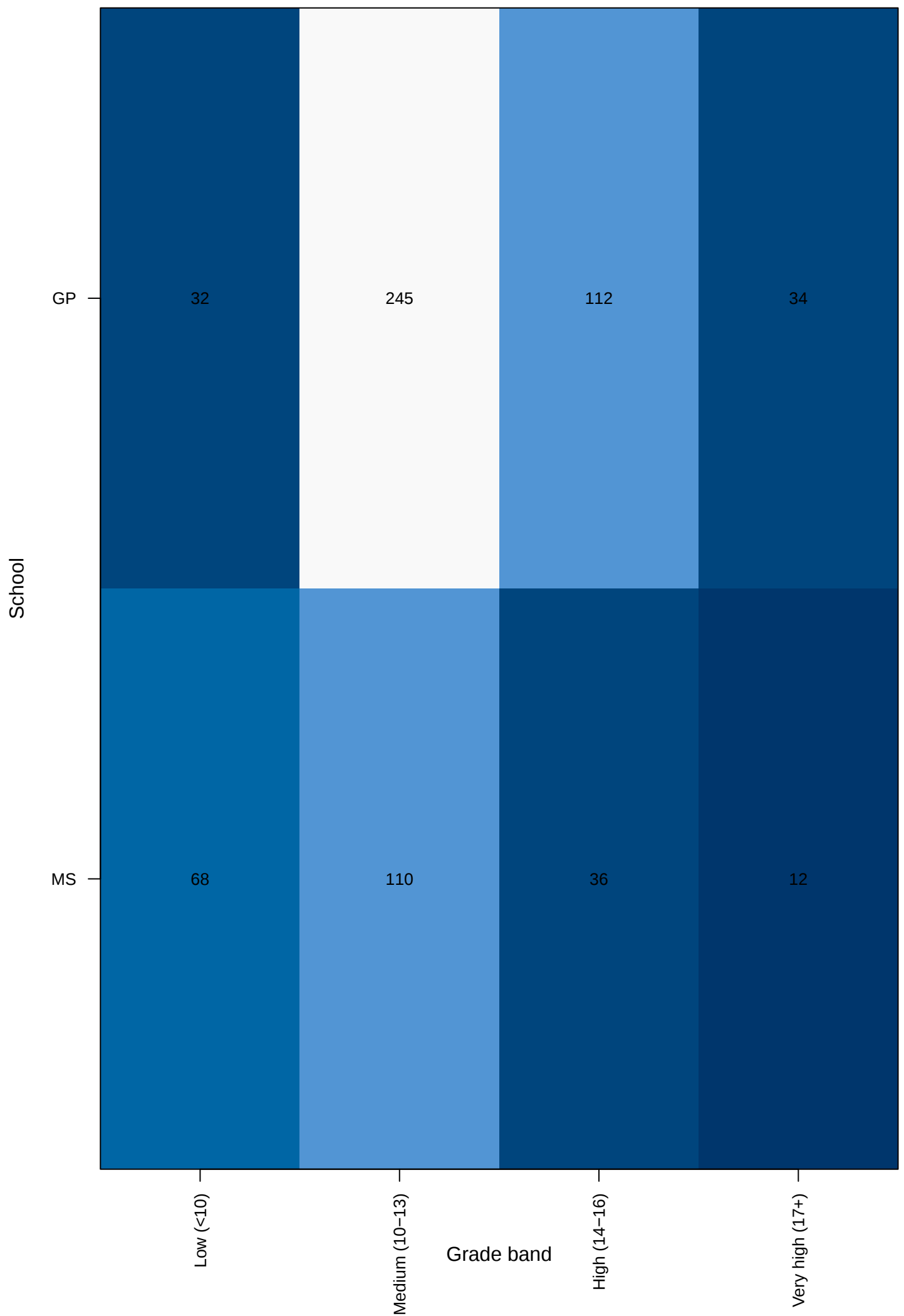
Verified R analysis transcript

Fisher–Freeman–Halton extends Fisher's conditional fixed–margin logic to the 2–by–4 school–by–grade table.

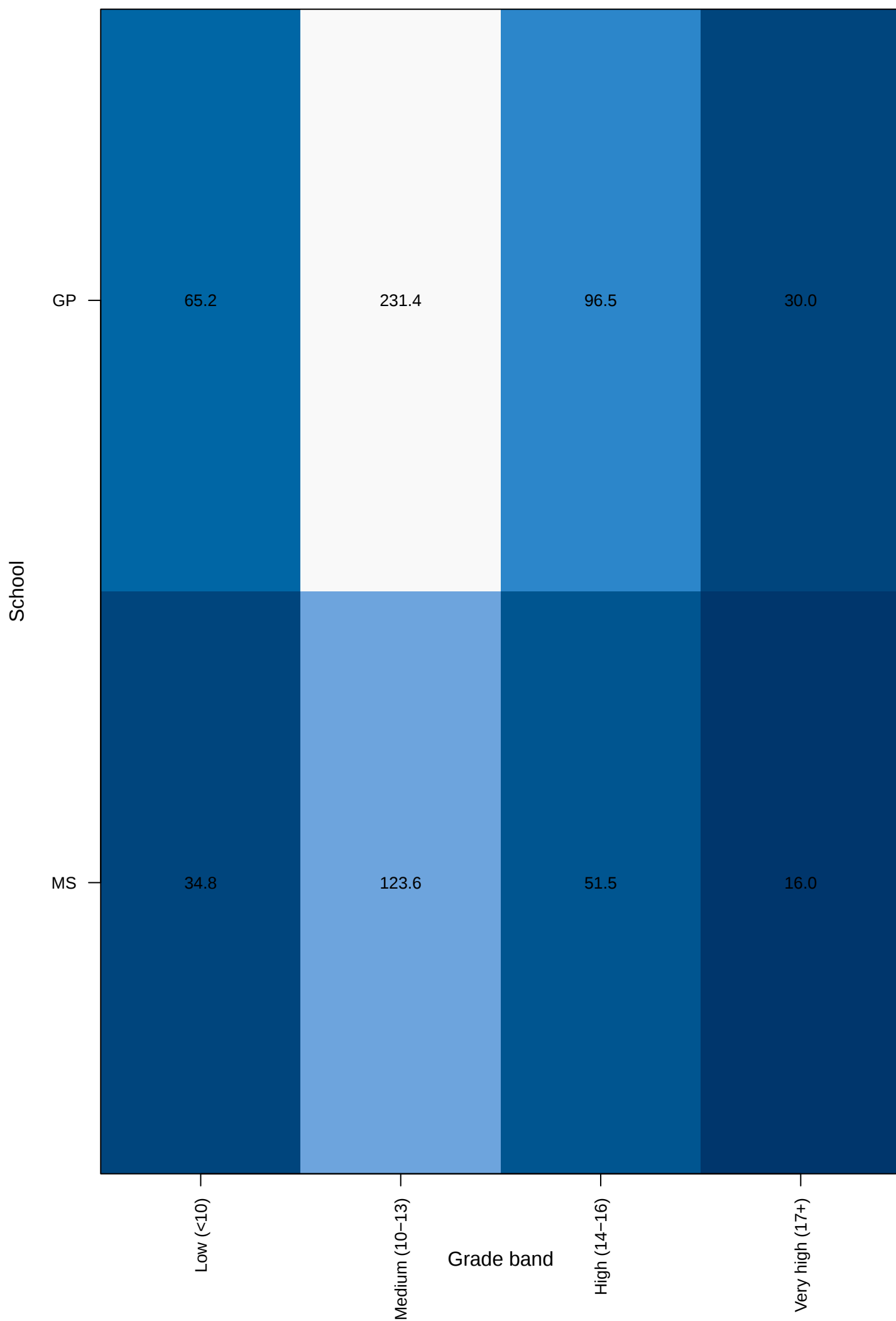
The observed table probability is computed from multivariate hypergeometric factorial terms; the two–sided p–value uses 50,000 fixed–margin Monte Carlo tables.

Observed table mass = 4.860376732e–16; Monte Carlo p = 1.999960001e–05 (seed 20260716).

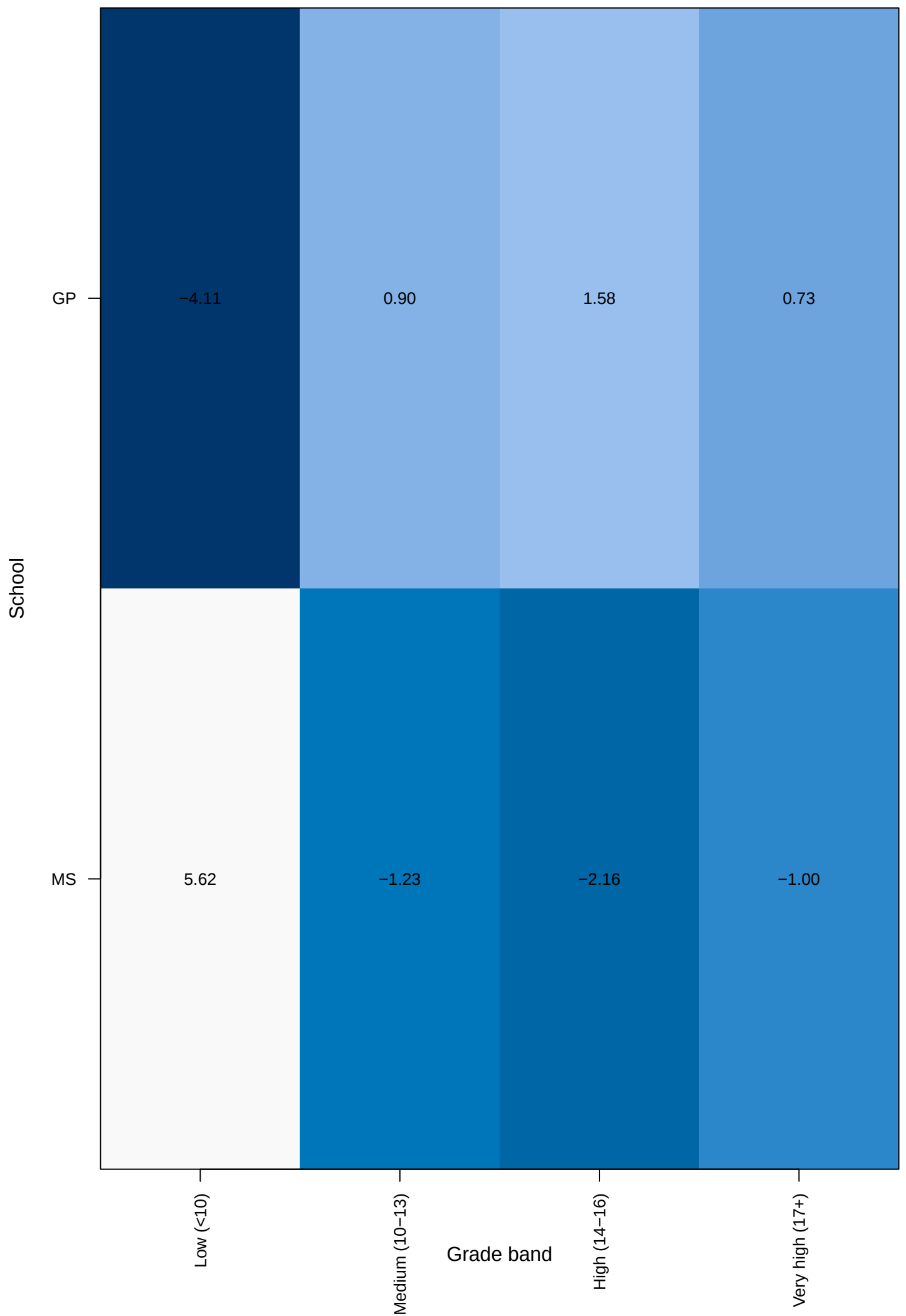
Observed 2-by-4 table



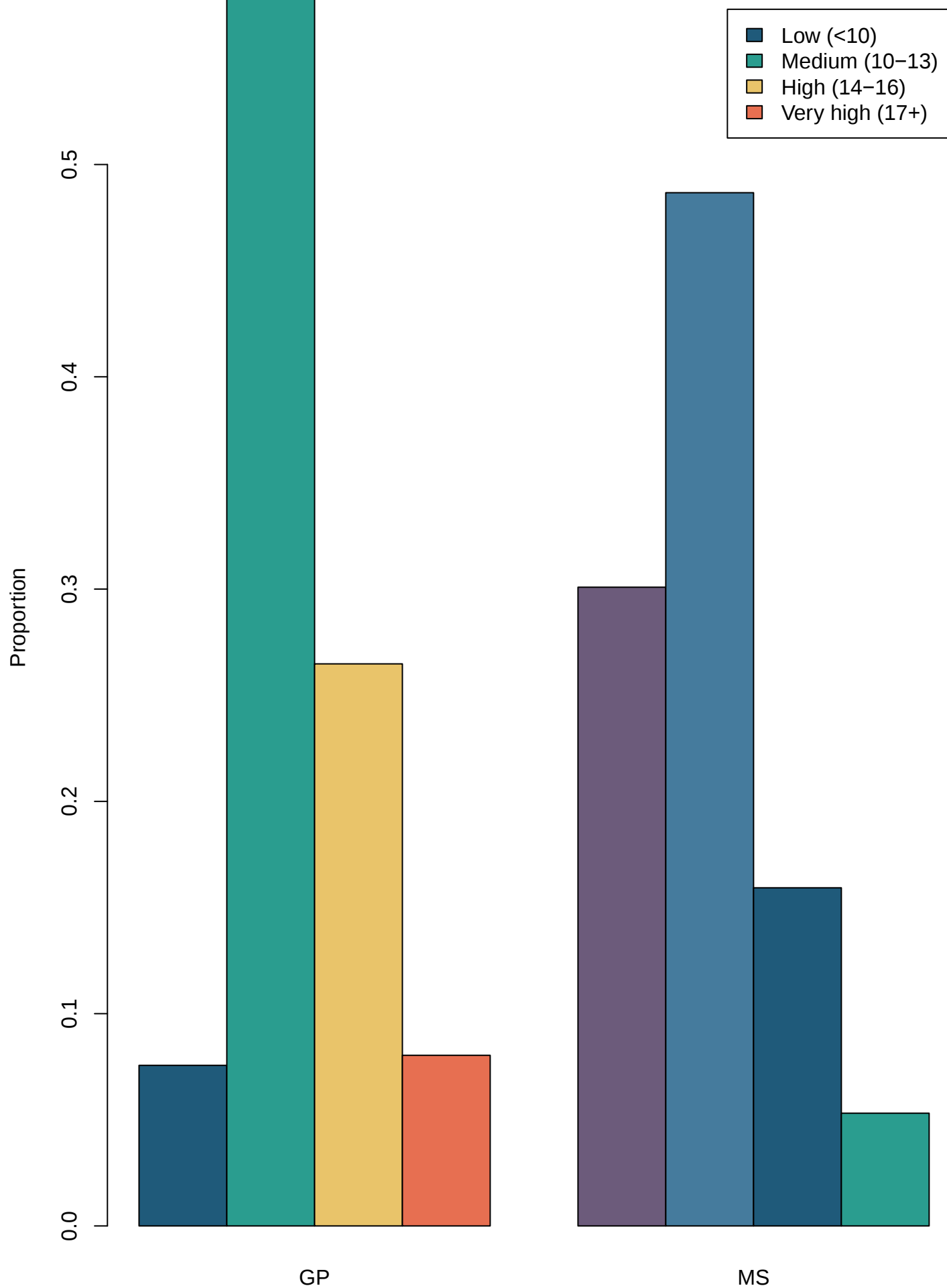
Fixed-margin expected counts



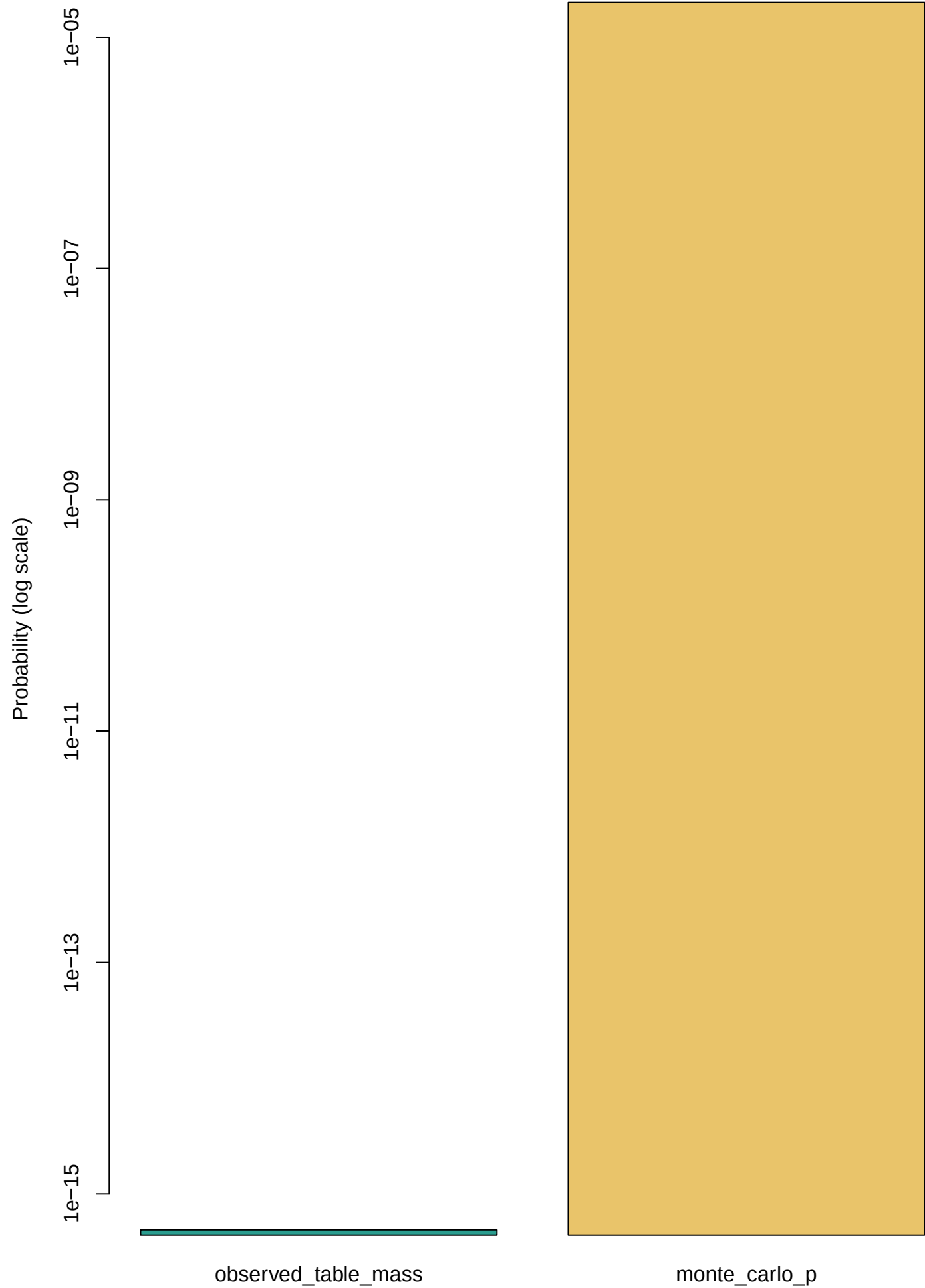
Pearson residual context



Grade-band profiles by school



Exact probability scales



Fisher–Freeman–Halton Exact Test key results

