

Cochran–Mantel–Haenszel Row–Mean–Scores Test

Verified R analysis transcript

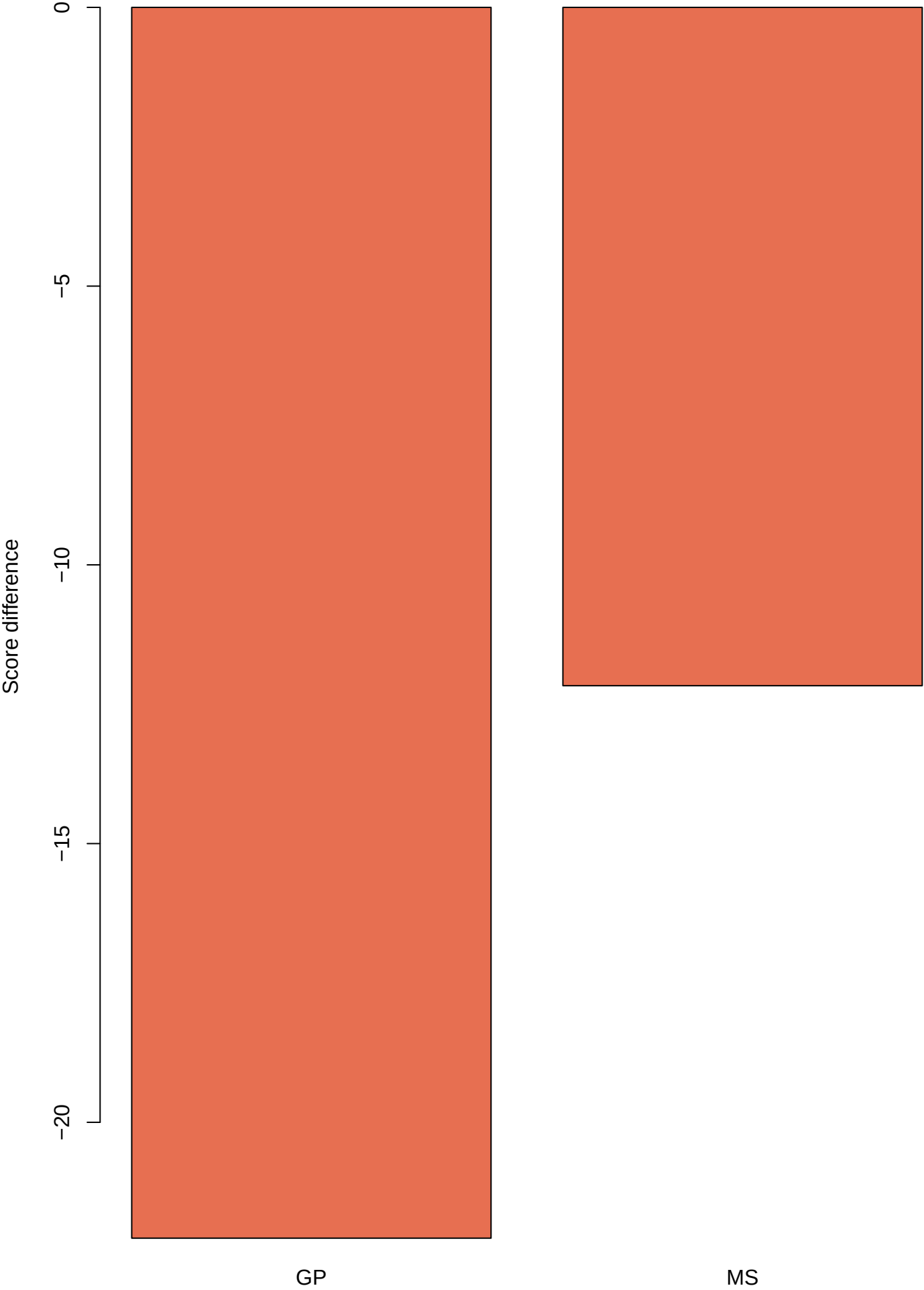
This is the ordinal CMH row–mean–scores test, stratified by school.

Grade bands receive scores 1 through 4; the male score total is compared with its fixed–margin expectation in each stratum.

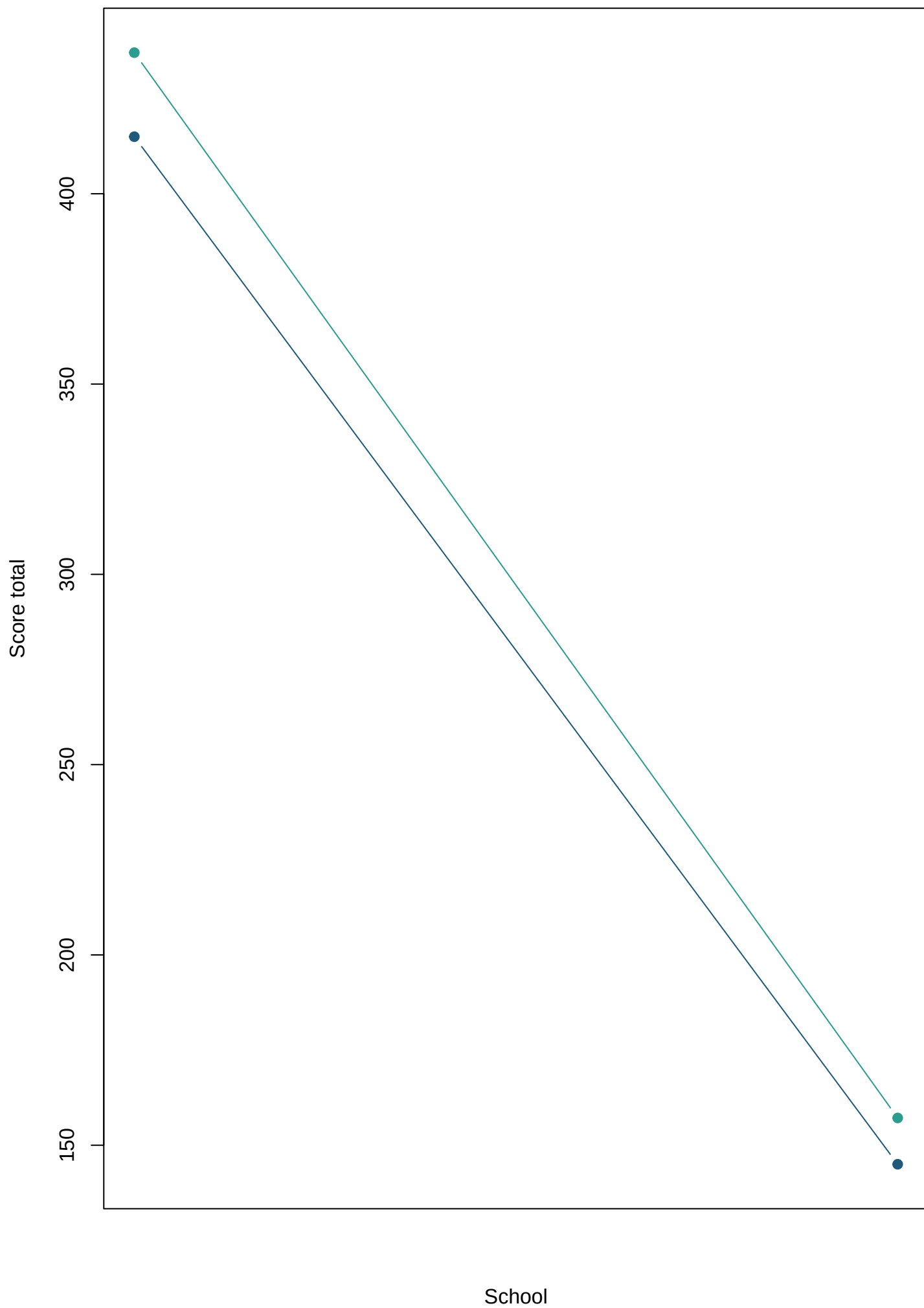
CMH = 12.85867313, df = 1, p = 0.0003359186941, signed z = –3.585899208.

It is distinct from the 2–by–2 Mantel–Haenszel common–odds–ratio analysis.

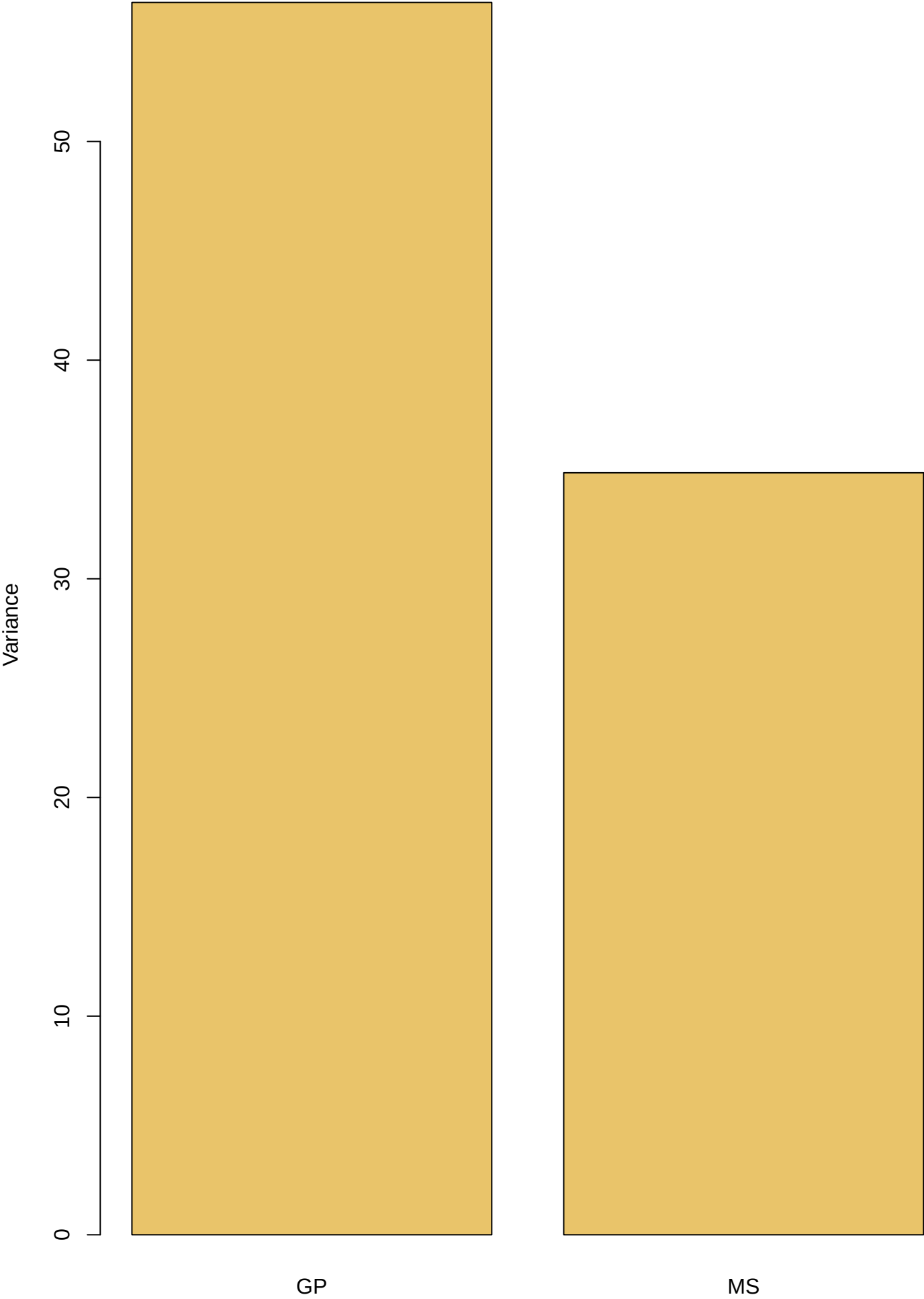
Observed-minus-expected male score totals



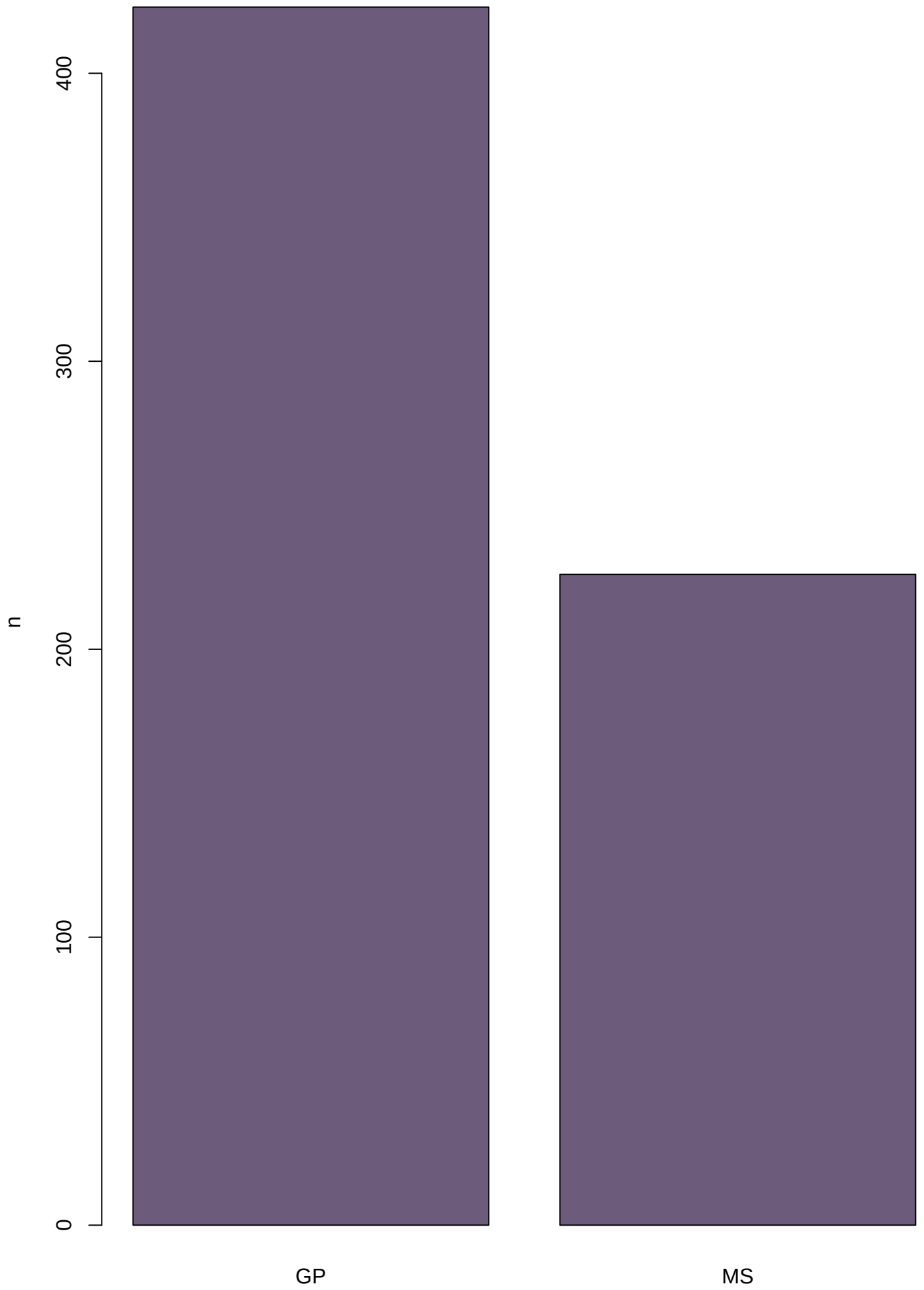
Male score totals by school stratum



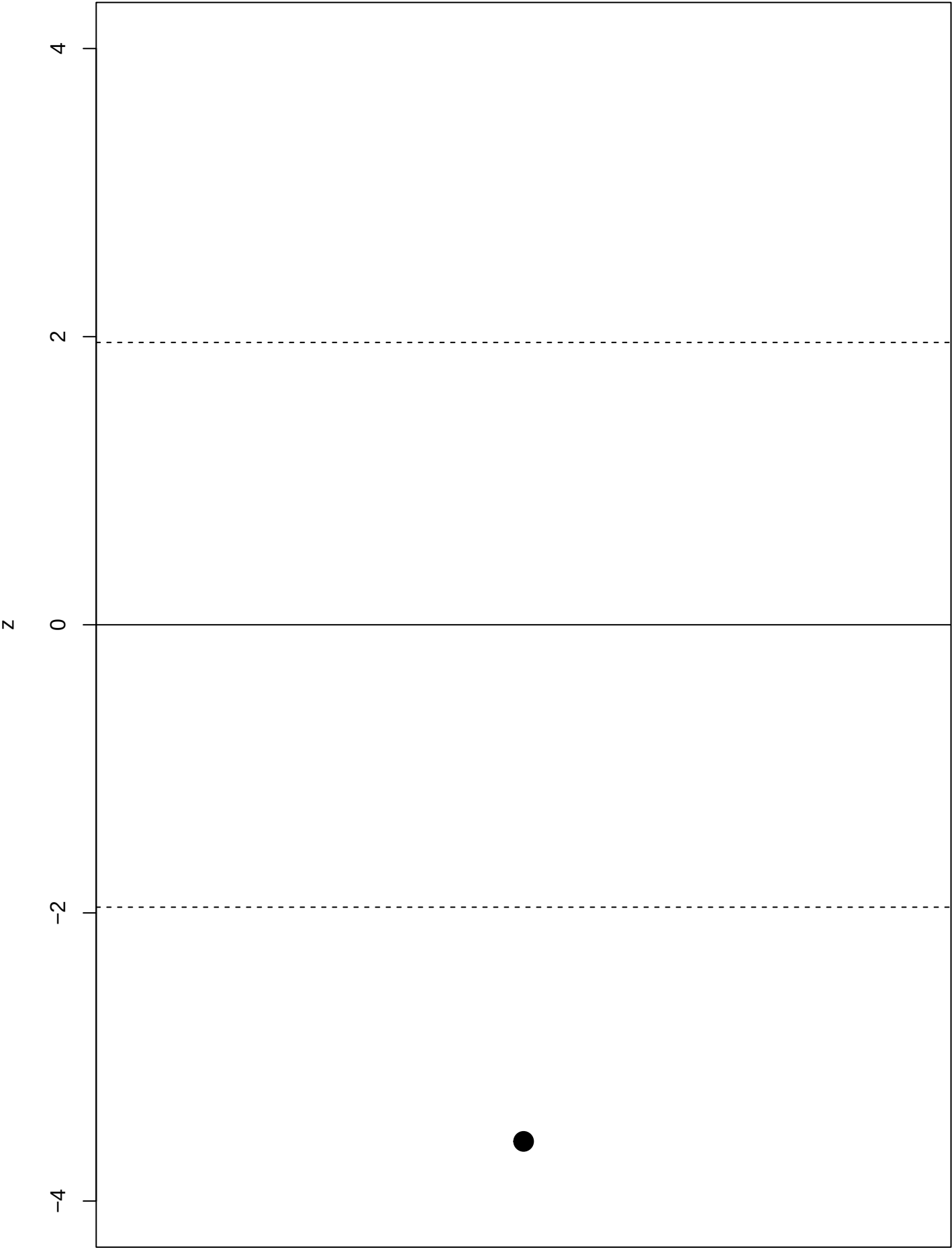
CMH variance by stratum



Students per school stratum



Signed CMH standard-normal score



Cochran-Mantel-Haenszel Row-Mean-Scores Test key results

