

Chi-Square Test for Homogeneity

Verified R analysis transcript

Design: Reason distributions are homogeneous across the two schools.

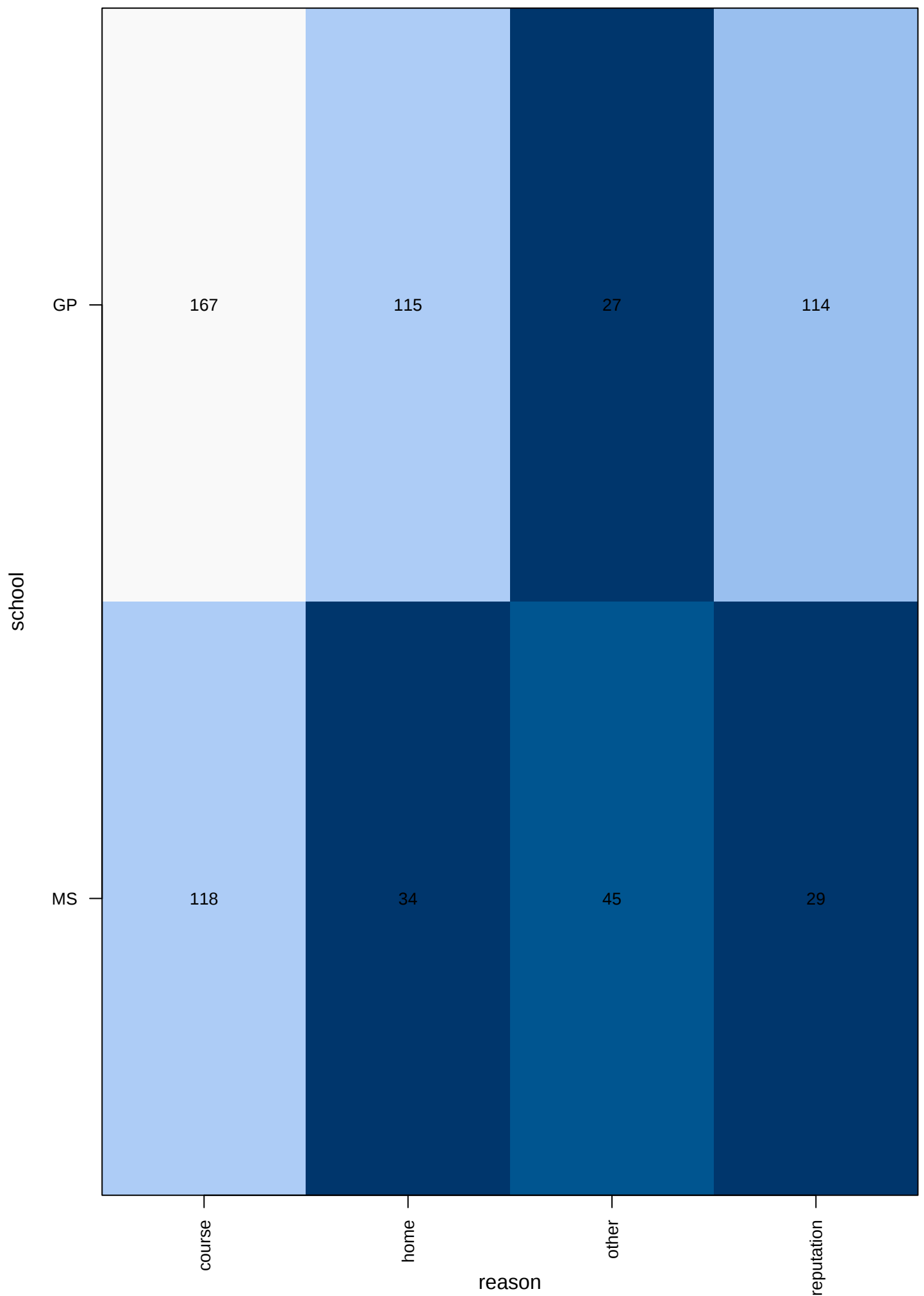
Formula: Pearson X-squared is the sum of squared observed-minus-expected differences divided by expected counts.

Statistic = 52.52394157; df = 3; p = 2.315976089e-11; Cramer V = 0.284483.

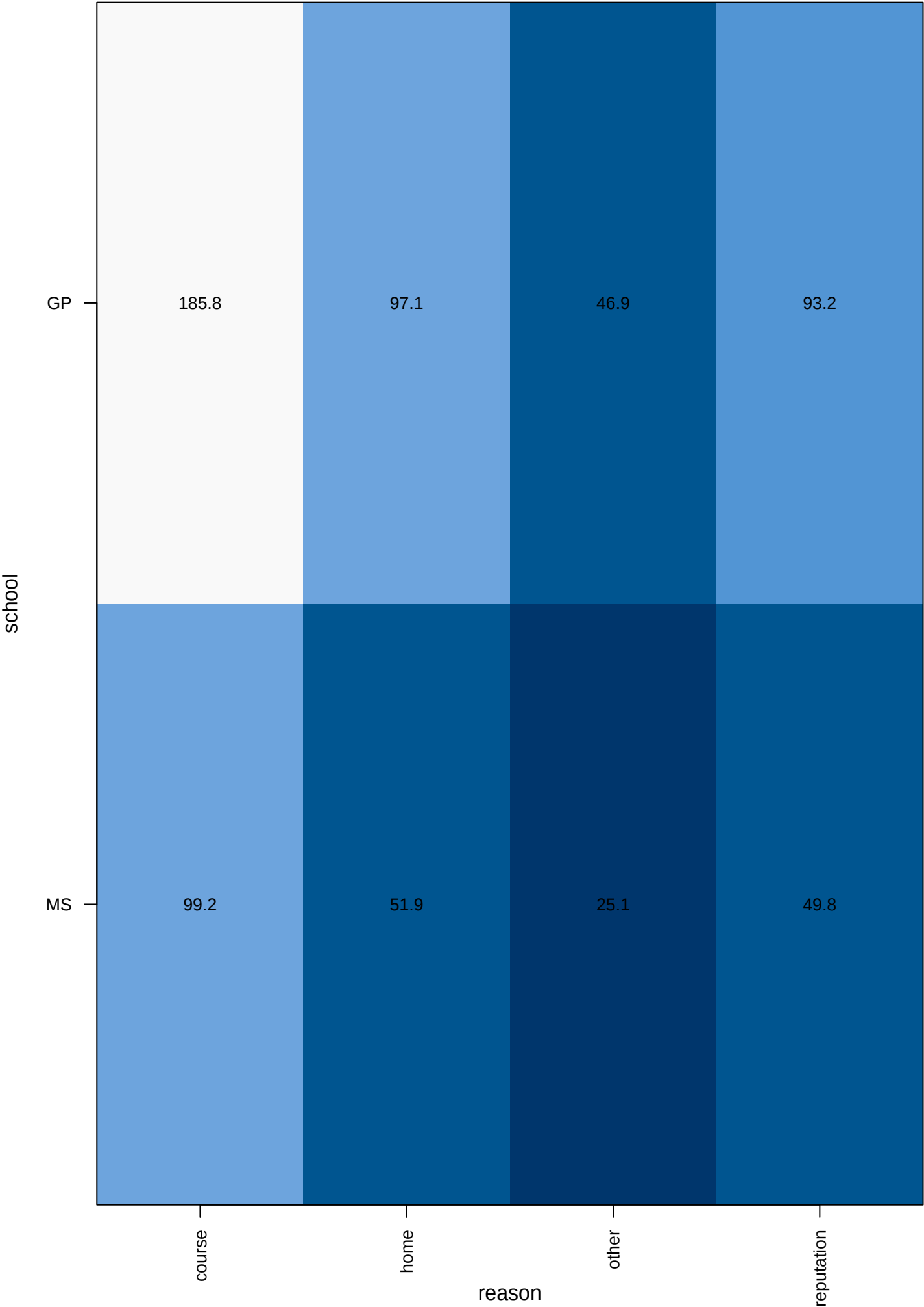
Minimum expected count = 25.072419; cells below five = 0.

Reason distributions are homogeneous across the two schools.

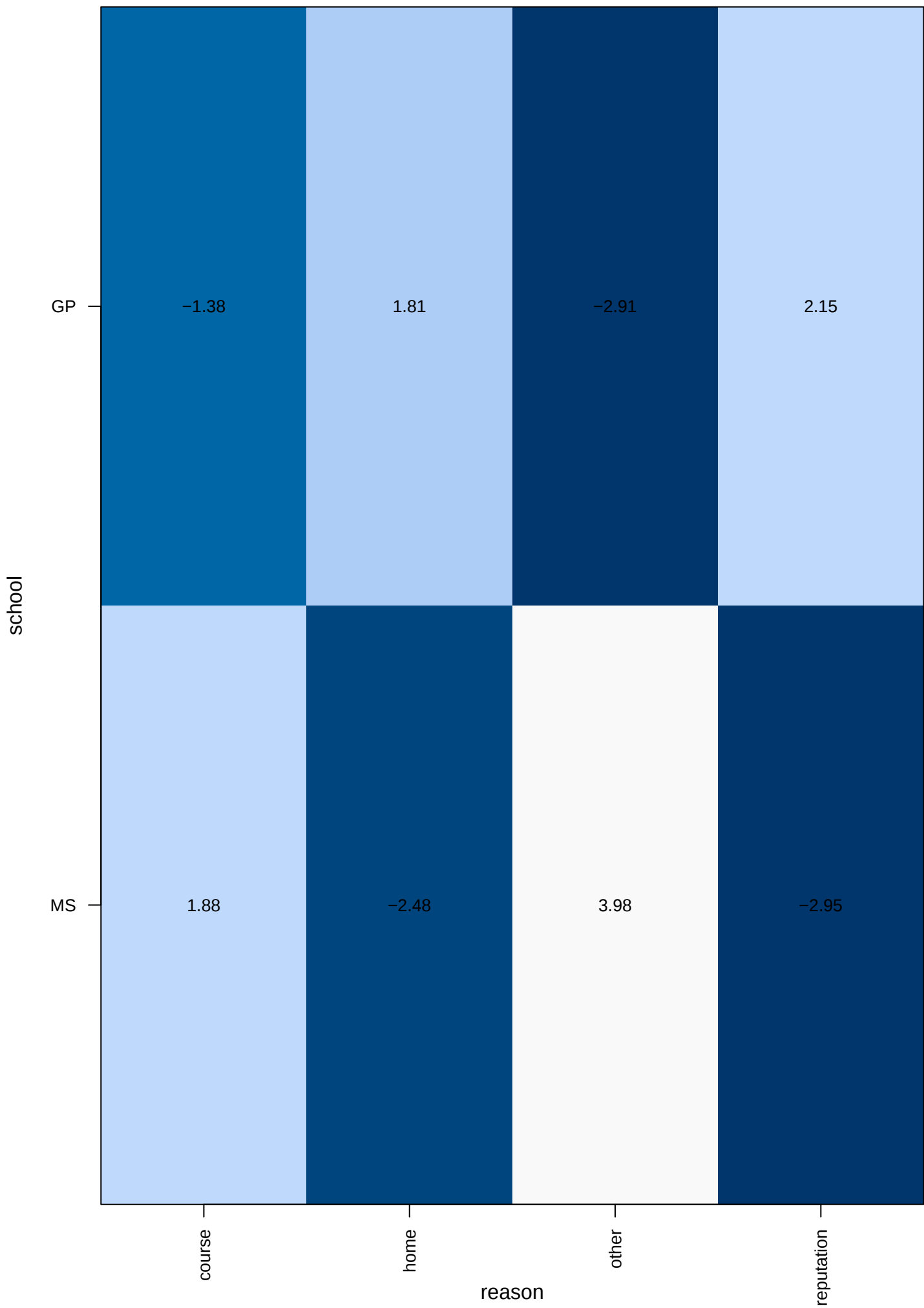
Observed counts: school by reason



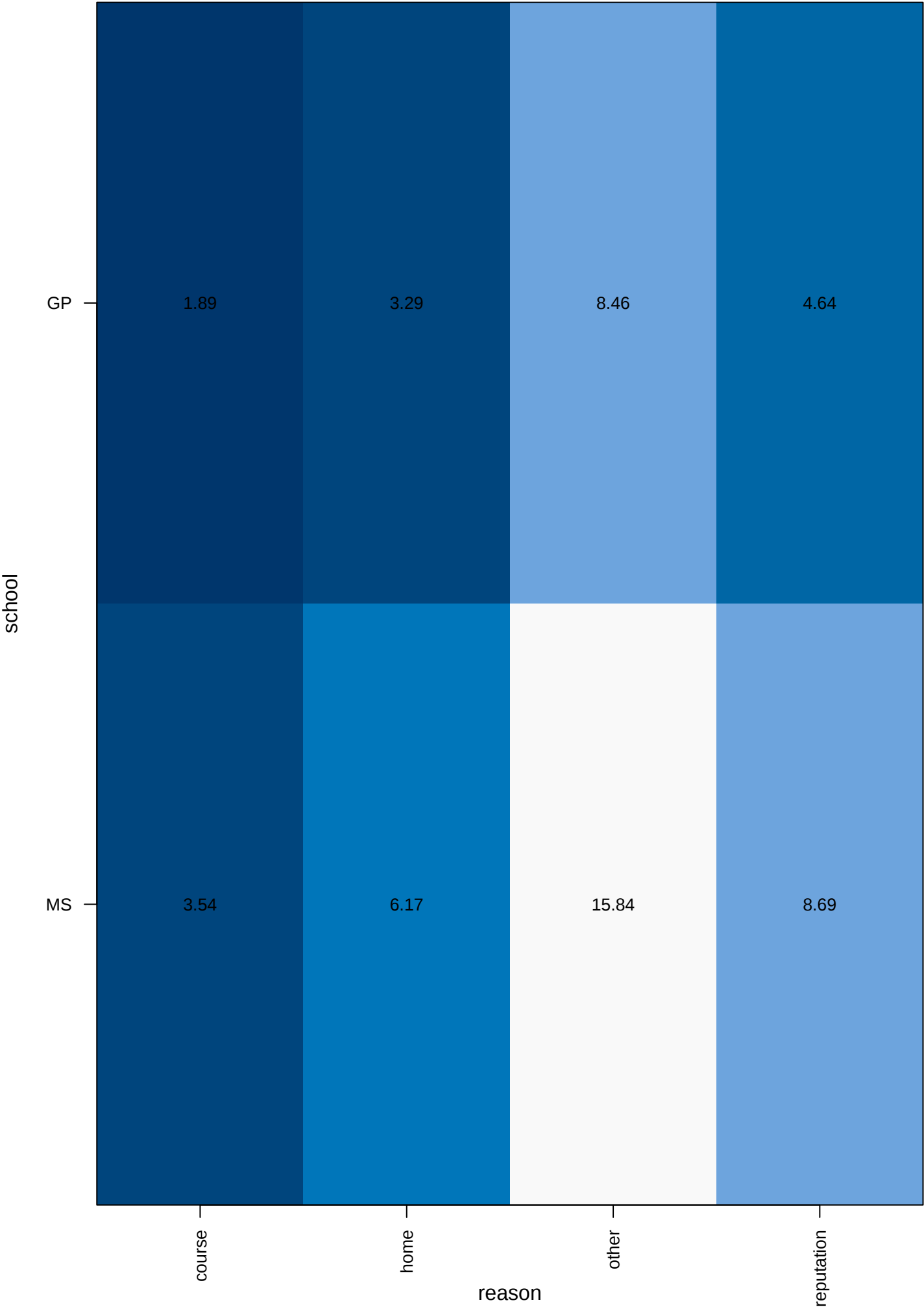
Expected counts under the null



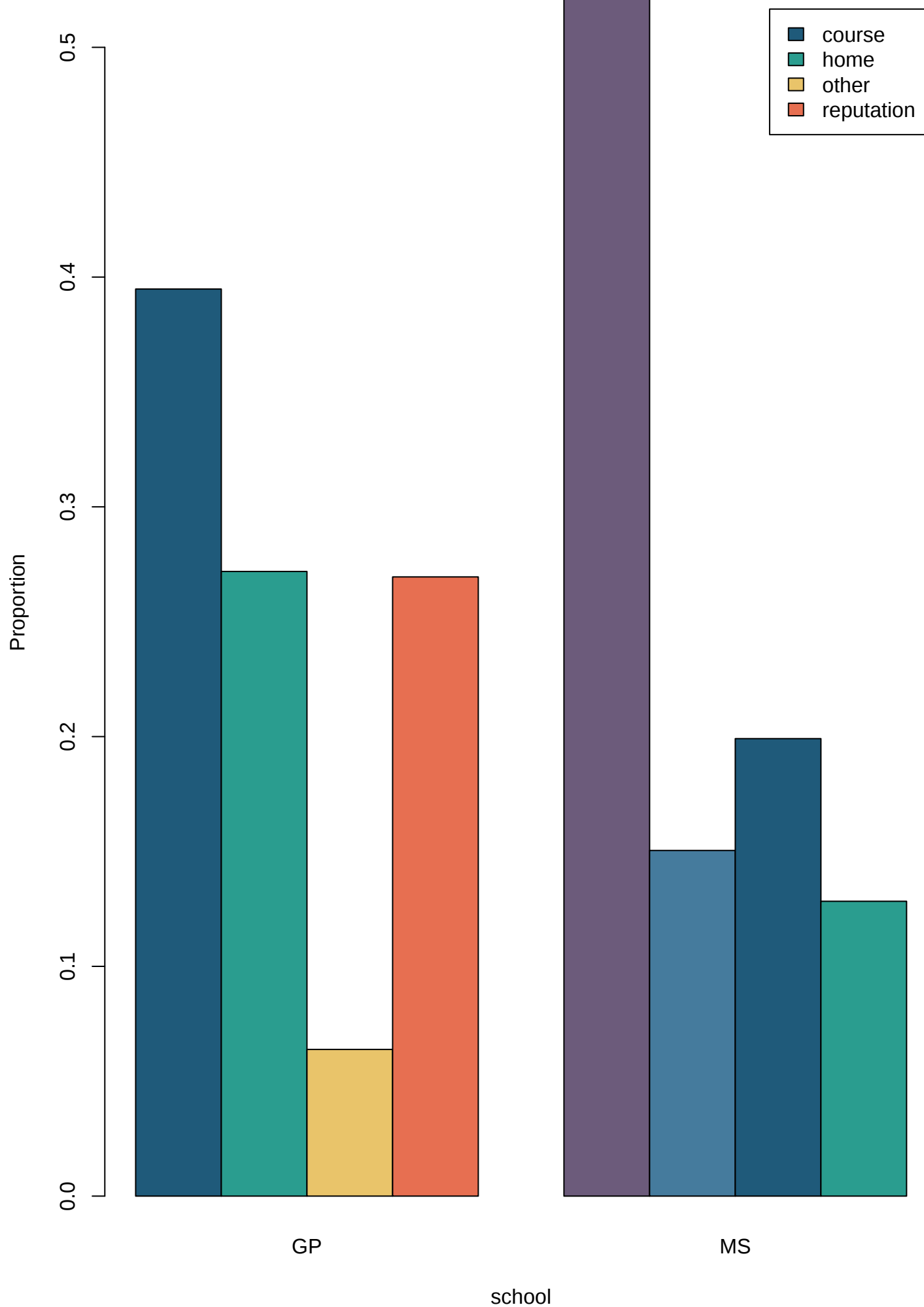
Pearson residuals



Cell contributions to the test statistic



Conditional category profiles



Chi-Square Test for Homogeneity key results

