

Relative Risk

Verified R analysis transcript

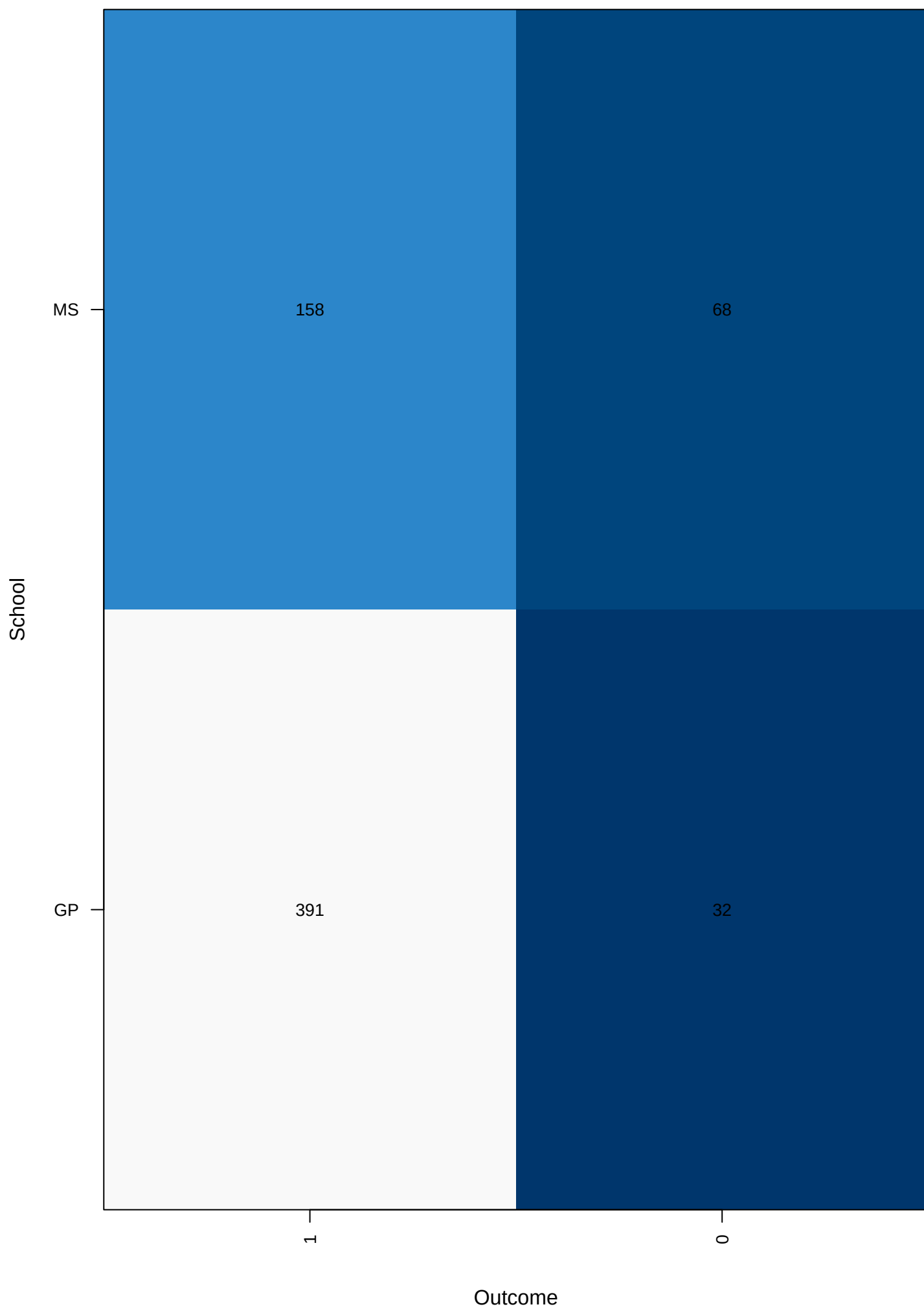
Relative risk compares final-pass probabilities for MS and GP students.

$RR = [a/(a+b)] / [c/(c+d)]$; the interval uses the log risk-ratio standard error.

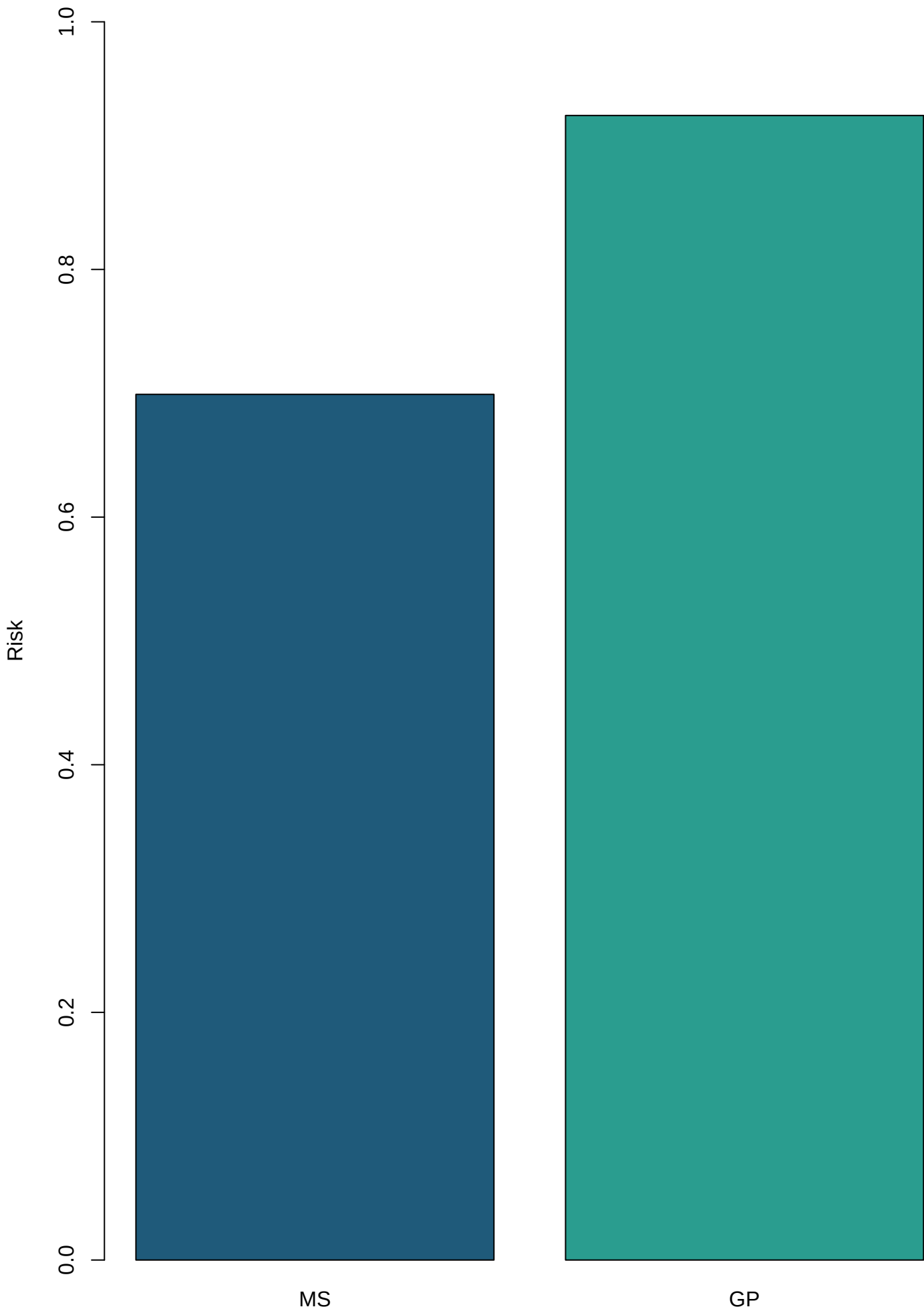
MS risk = 0.6991150442; GP risk = 0.9243498818; RR = 0.7563316208; 95% CI [0.6913940102, 0.8273683488].

The estimand is a probability ratio, not an odds ratio.

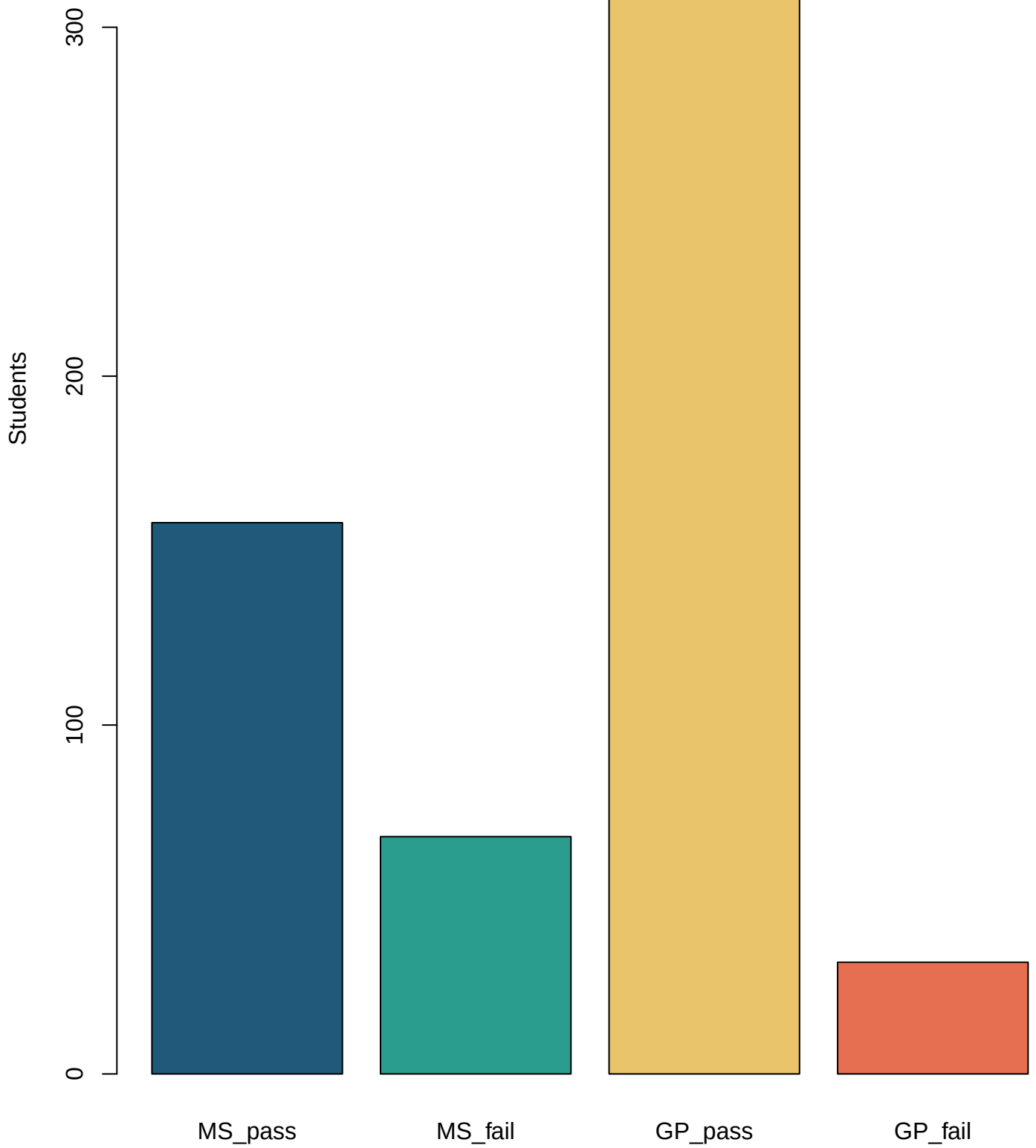
School by final-pass outcome



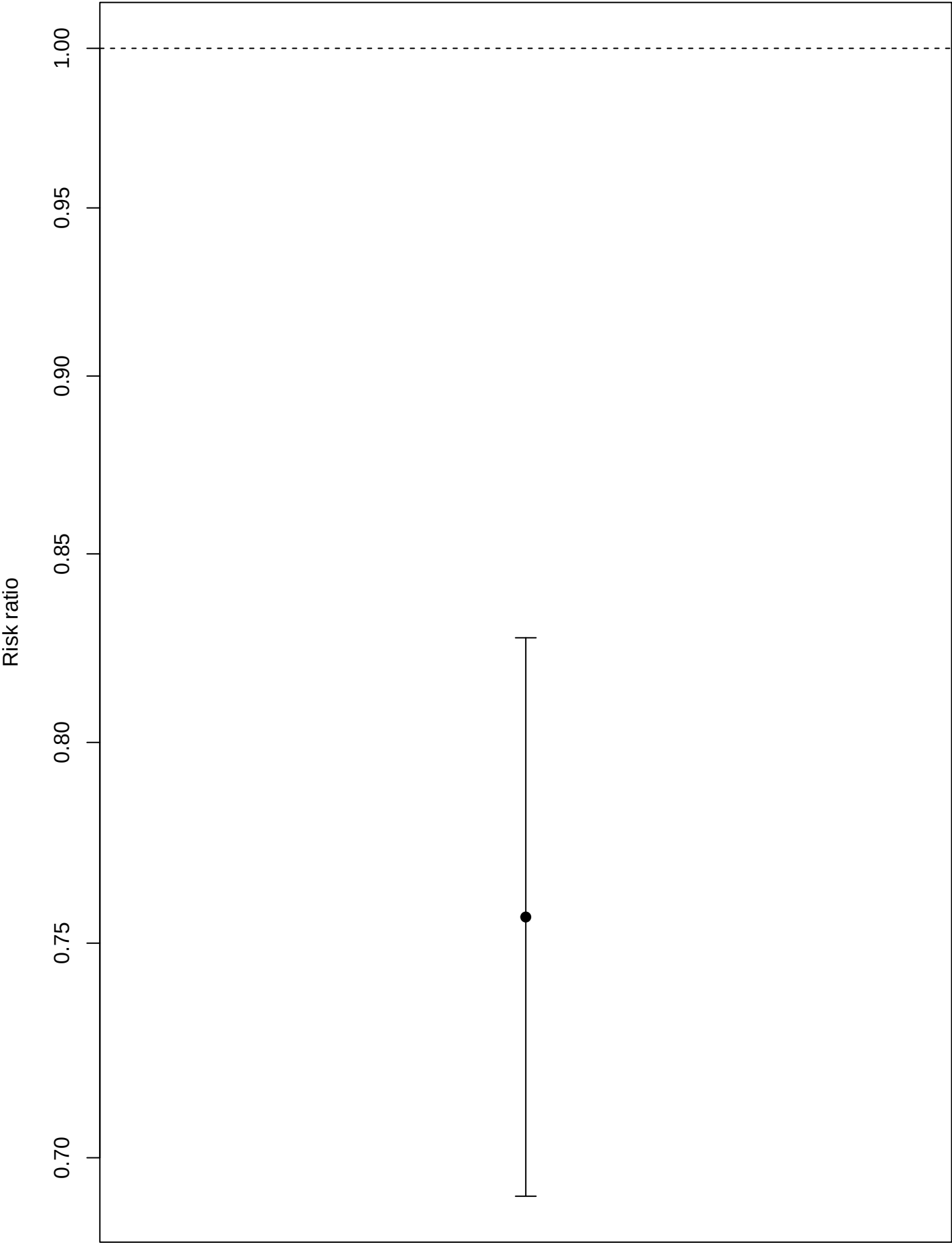
Pass risk by school



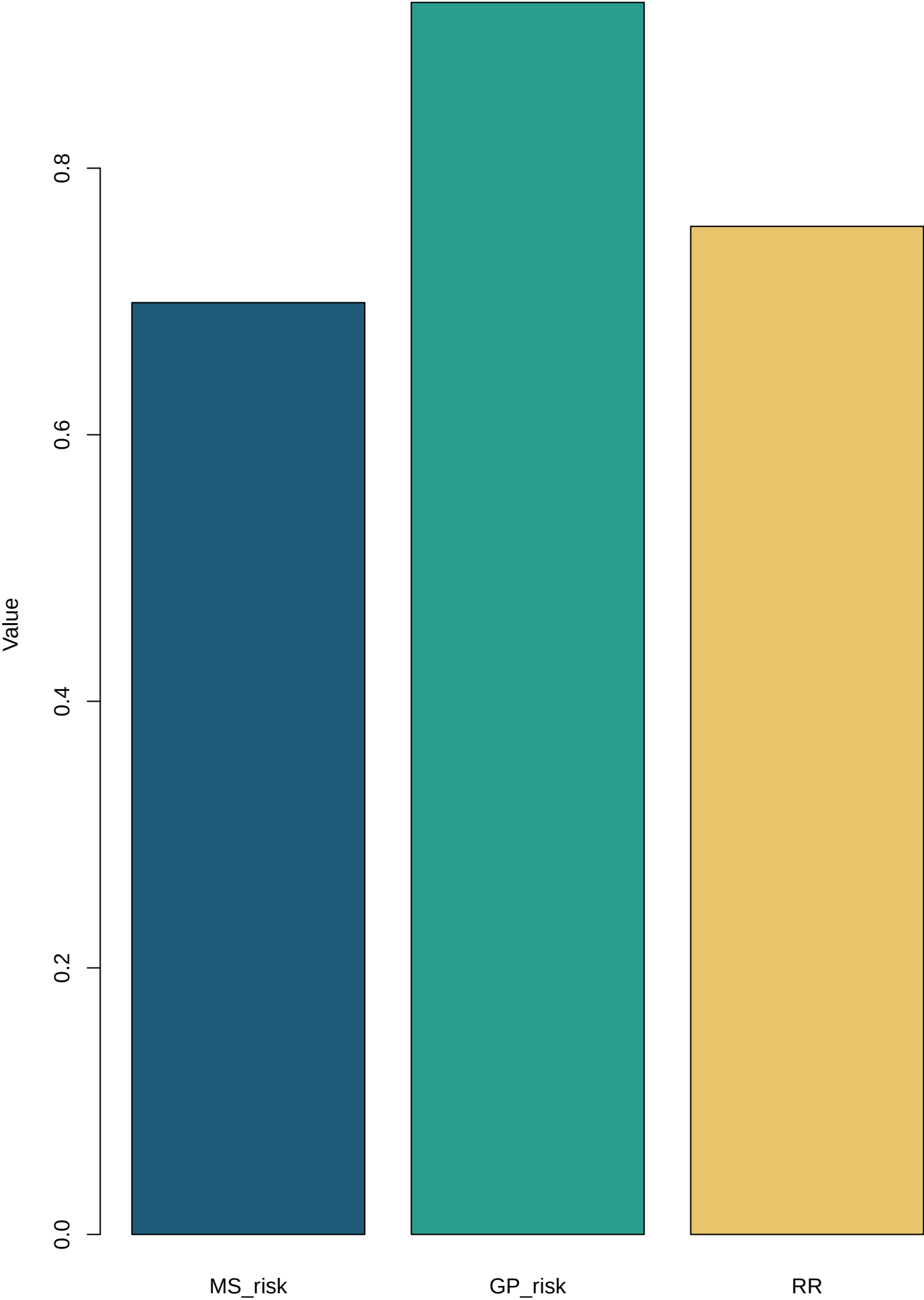
Risk-ratio cell counts



Relative risk and 95% interval



Absolute risks and relative risk



Relative Risk key results

