

McNemar's Test

Verified R analysis transcript

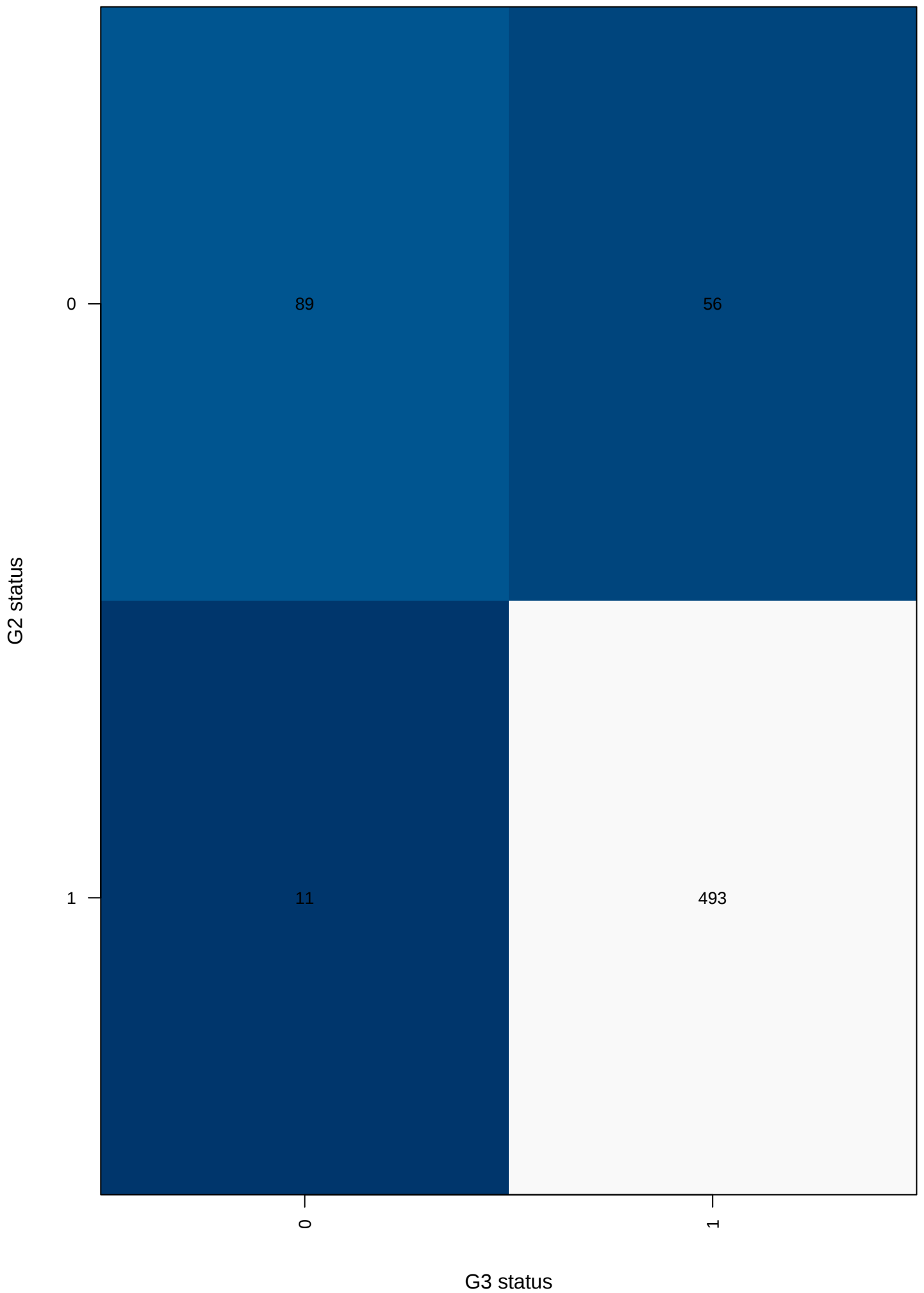
McNemar's test evaluates paired binary change from G2 pass/fail to G3 pass/fail.

Only the 56 fail-to-pass and 11 pass-to-fail discordant pairs determine inference.

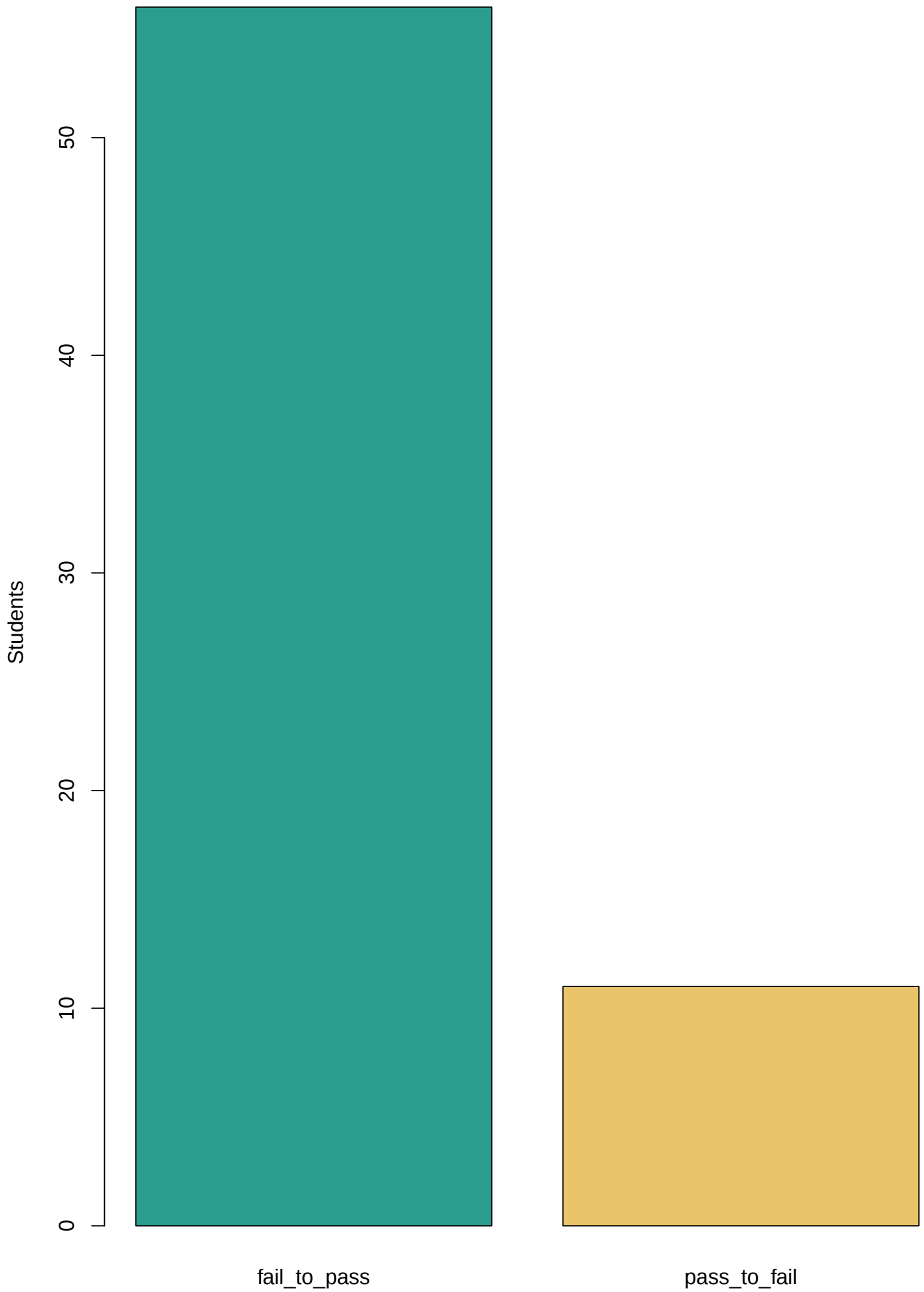
Exact statistic = 11; exact p = 2.145796032e-08; corrected X-squared = 28.89552239; p = 7.638929543e-08.

Concordant pairs describe agreement but do not enter the McNemar statistic.

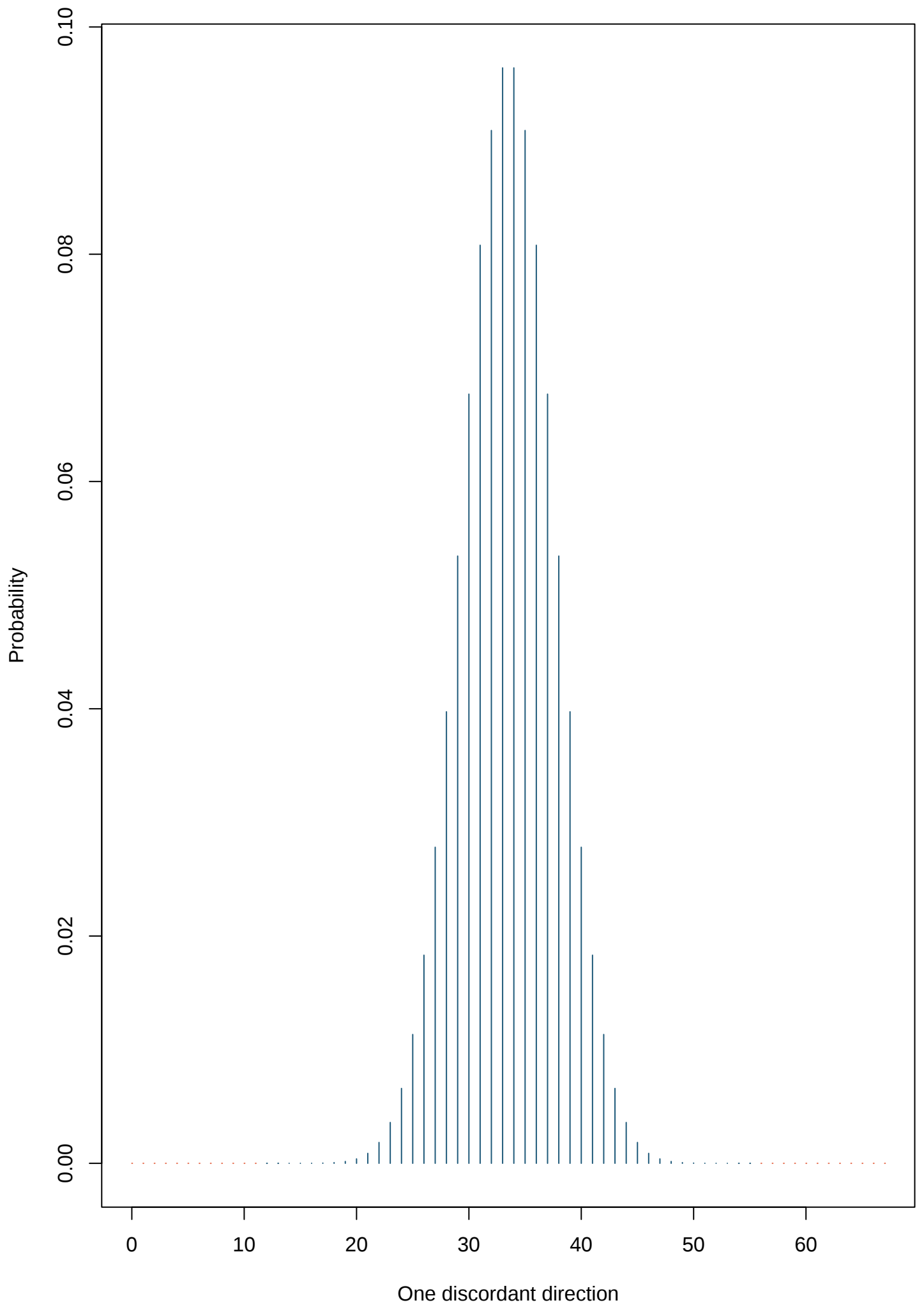
Paired G2/G3 pass transitions



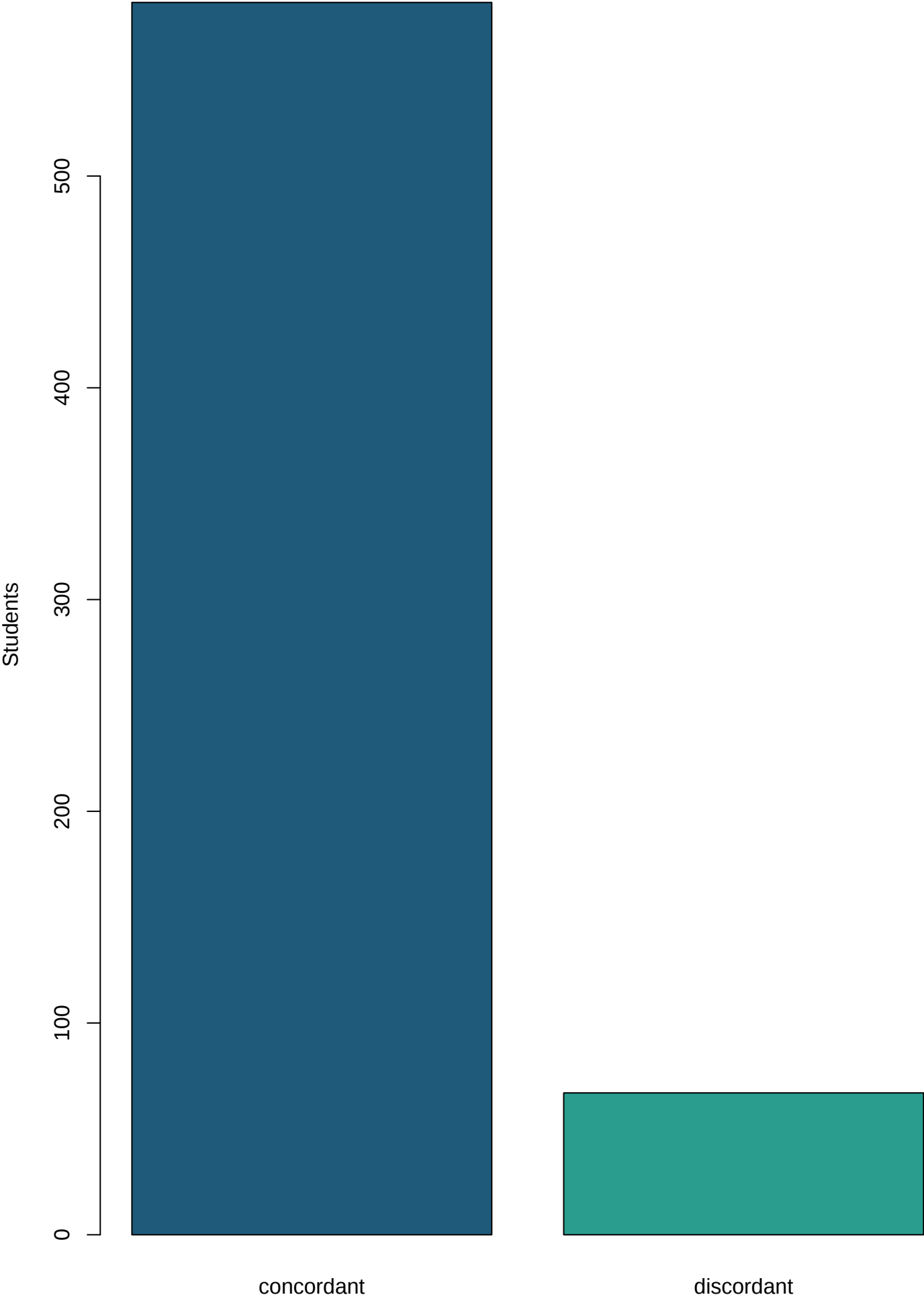
Discordant transition counts



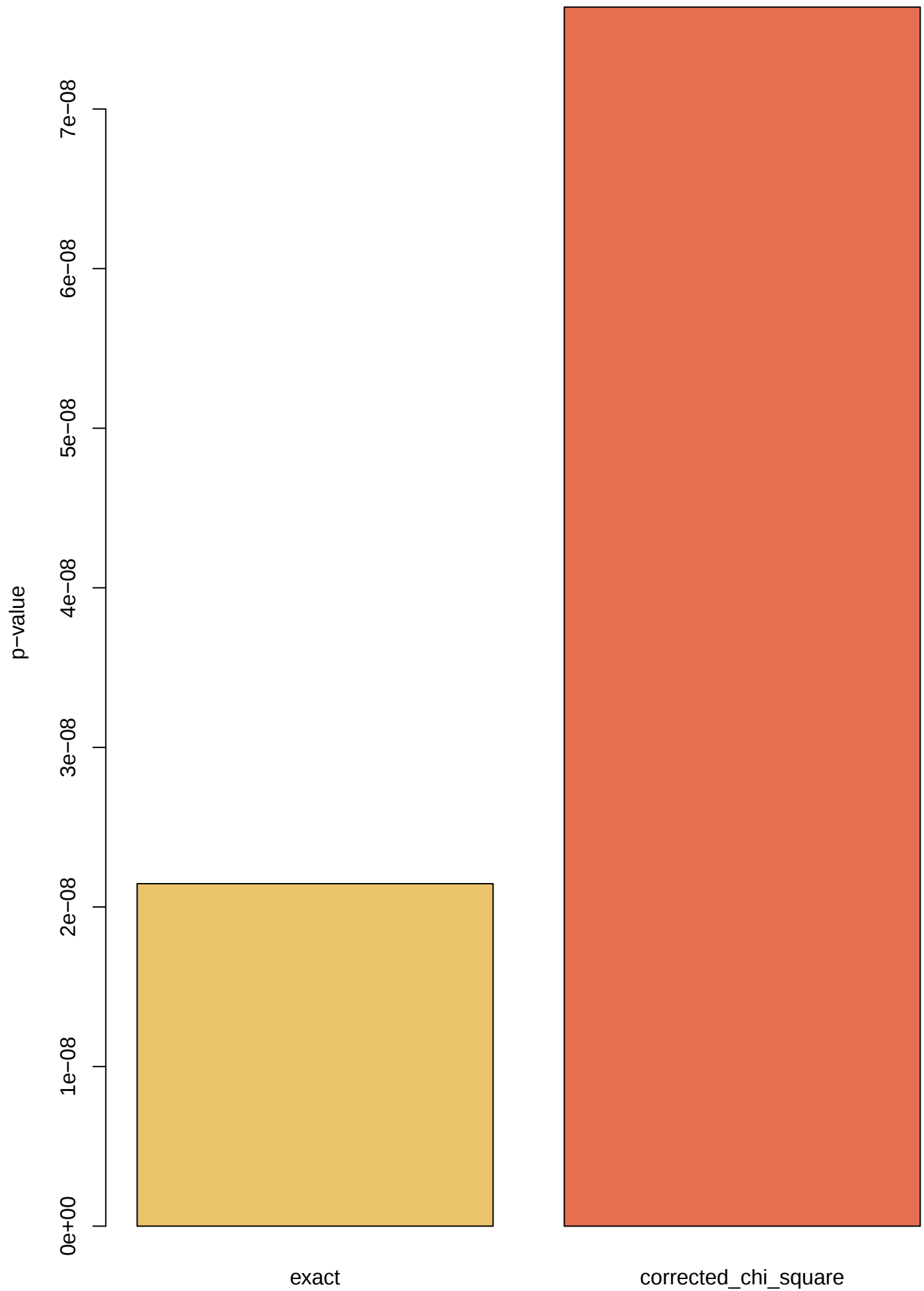
Exact discordant-pair binomial null



Concordant and discordant pairs



Exact and continuity-corrected p-values



McNemar's Test key results

