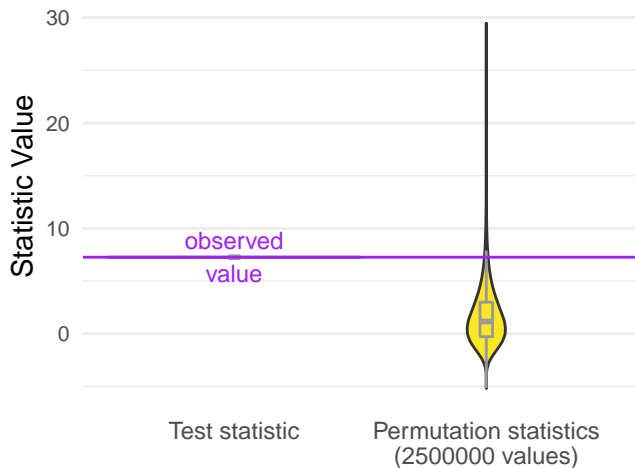


Distribution of AMKAT Statistics on a Fixed Data Set

Simulated SNP set, 28-variable signal set with weakly-correlated components, $p = 567$, $n = 50$
Multivariate normal errors with correlated components (± 0.5 pairwise)

Without Filter

Test statistic is deterministic on fixed data



With PhiMr Filter

Test statistic varies on fixed data

