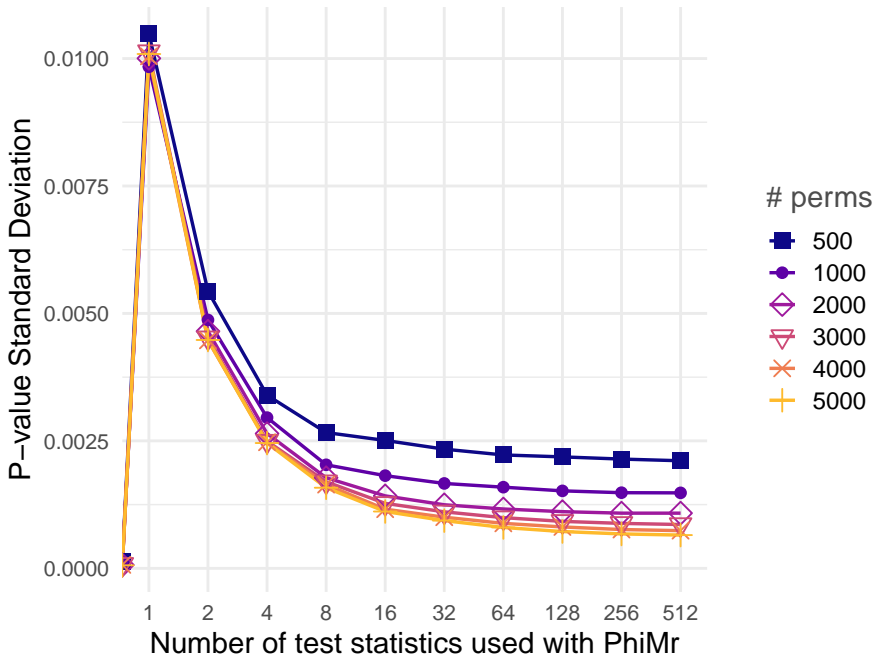


Standard Deviation of AMKAT P-value on a Fixed Data Set

Continuous features, 80-variable signal at 100% strength, $p = 100$, $n = 30$
Multivariate normal correlated errors (± 0.5 pairwise)

As a function of the # of test statistics

Each point represents a sample of 500 P-values



(0 corresponds to testing without PhiMr filter)

As a function of the # of permutation statistics

Each point represents a sample of 500 P-values

