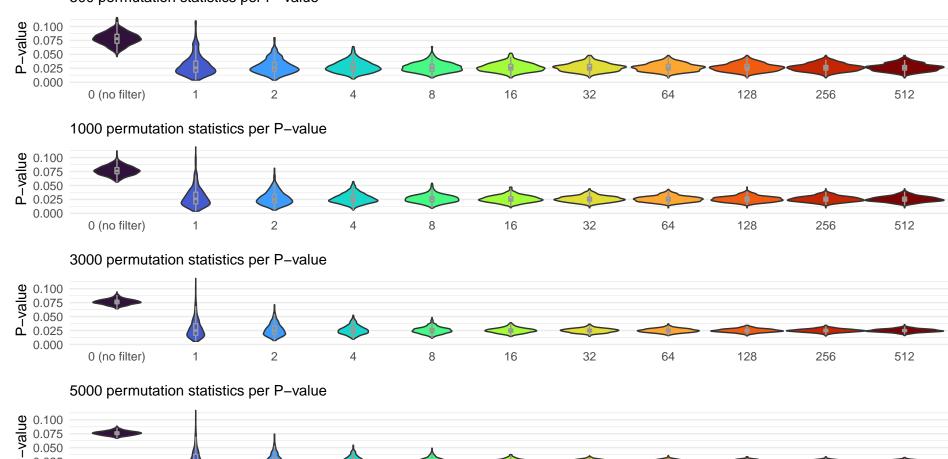
Distribution of AMKAT P-value on a Fixed Data Set

Discrete (SNP) features, 28-variable signal at 100% strength, p = 567, n = 50 Multivariate normal correlated errors (± 0.5 pairwise) Each sample contains 500 P-values

500 permutation statistics per P-value

0.025 0.000

0 (no filter)



16 Test Statistics Used for P-value Estimate With PhiMr Filter

32

64

128

256

512

8