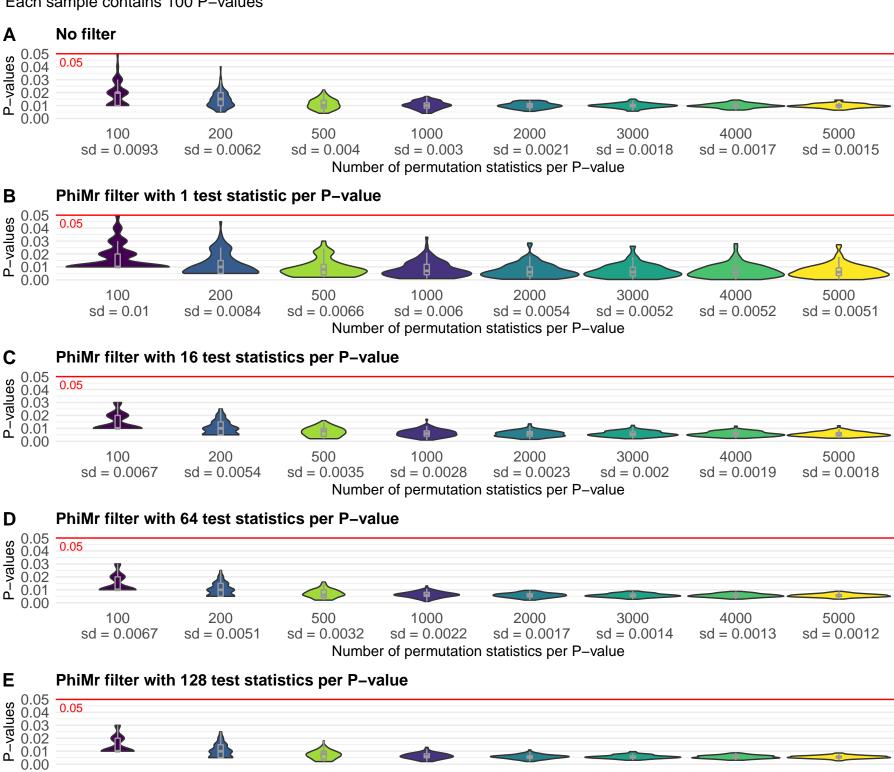
Distribution of AMKAT P-value on a Fixed Data Set

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



1000

sd = 0.0022

Number of permutation statistics per P-value

100

sd = 0.0067

200

sd = 0.0054

500

sd = 0.0033

2000

sd = 0.0017

3000

sd = 0.0014

4000 sd = 0.0013

5000

sd = 0.0011