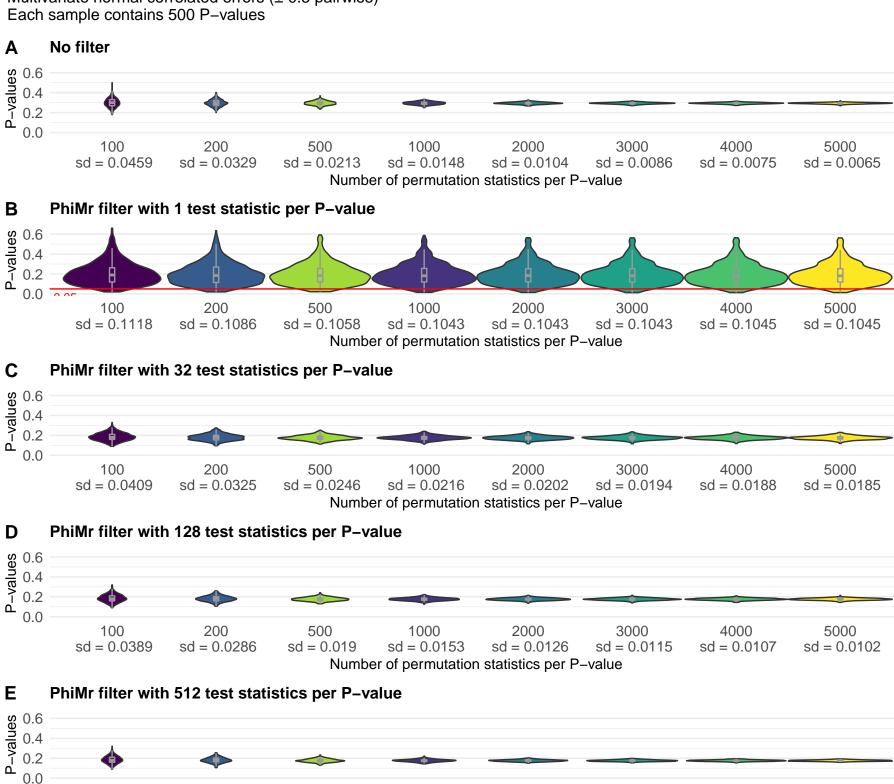
Distribution of AMKAT P-value on a Fixed Data Set

Discrete (SNP) features, 28-variable signal at 100% strength, p = 100, n = 30 Multivariate normal correlated errors (\pm 0.5 pairwise) Each sample contains 500 P-values



1000

sd = 0.0128

Number of permutation statistics per P-value

100

sd = 0.0372

200

sd = 0.027

500

sd = 0.0171

2000

sd = 0.0095

3000

sd = 0.008

4000

sd = 0.0073

5000

sd = 0.0066