

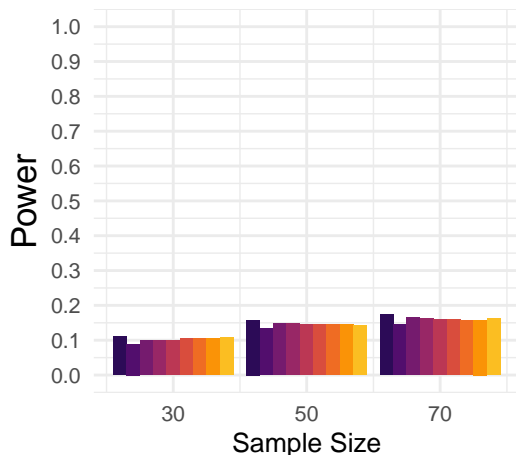
Simulated Power: Comparison of AMKAT Variations

Discrete (SNP) features ($p = 567$), multivariate Cauchy errors, 100% signal strength

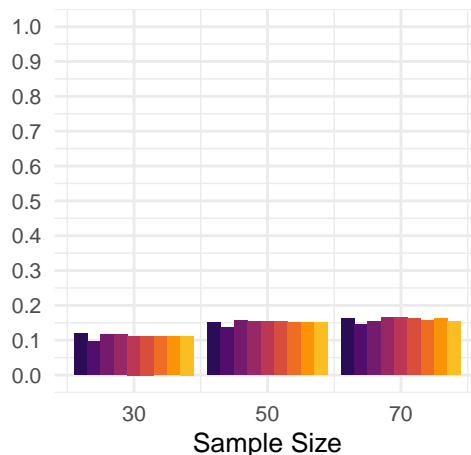
Each value based on 1000 simulated data replicates; AMKAT P-values estimated using 1000 permutations

28-variable signal

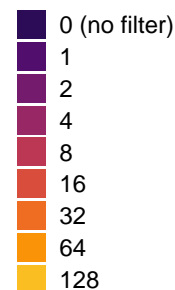
Independent errors



Correlated errors (± 0.5 pairwise)

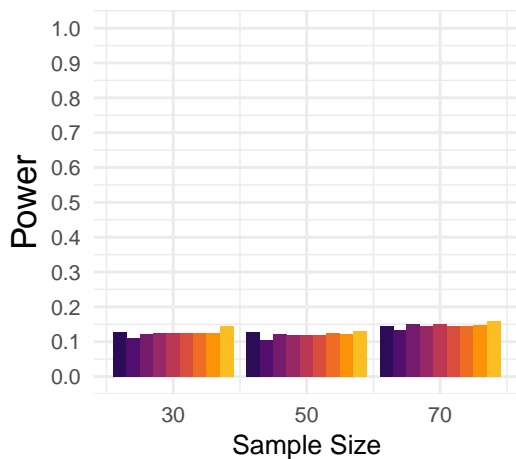


Number of test stats
used to estimate
P-value with PhiMr



123-variable signal

Independent errors



Correlated errors (± 0.5 pairwise)

