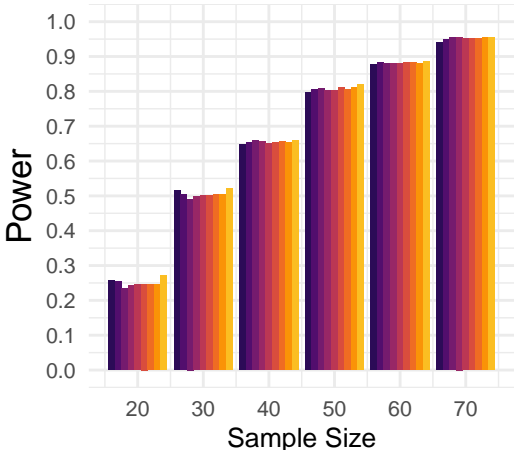


Simulated Power: Comparison of AMKAT Variations

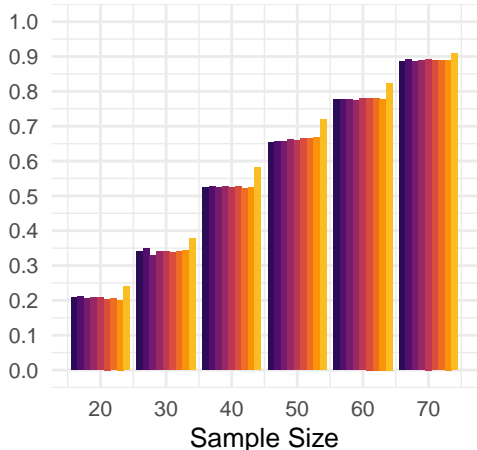
Discrete (SNP) features ($p = 567$), multivariate normal errors, 100% signal strength
Each value based on 1000 simulated data replicates; AMKAT P-values estimated using 1000 permutations

28-variable signal

Independent errors

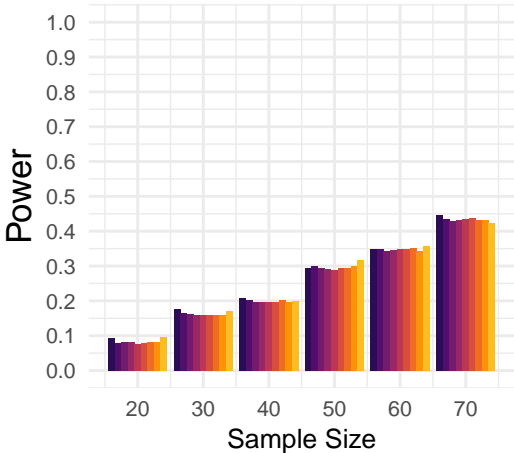


Correlated errors (± 0.5 pairwise)

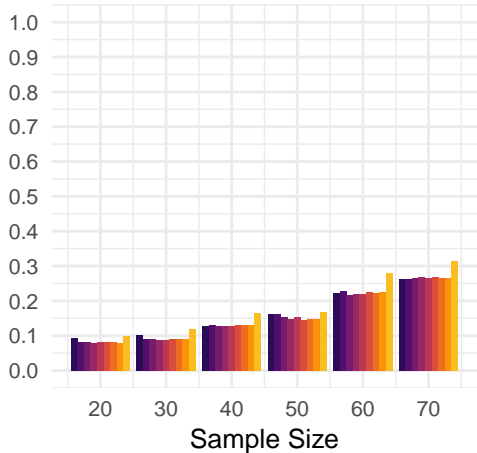


123-variable signal

Independent errors



Correlated errors (± 0.5 pairwise)



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

