

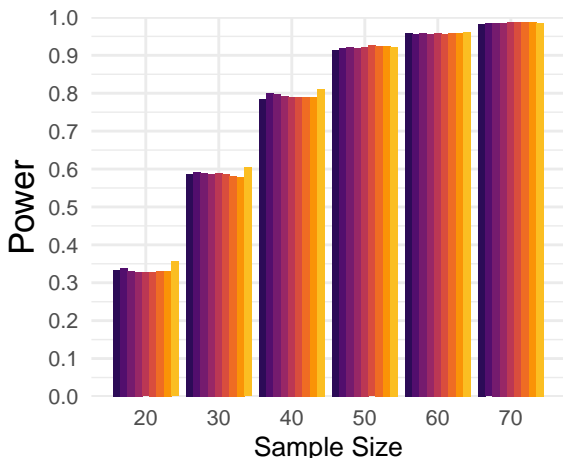
Simulated Power: Comparison of AMKAT Variations

Simulated SNP set ($p = 567$) with weakly-correlated signal variables

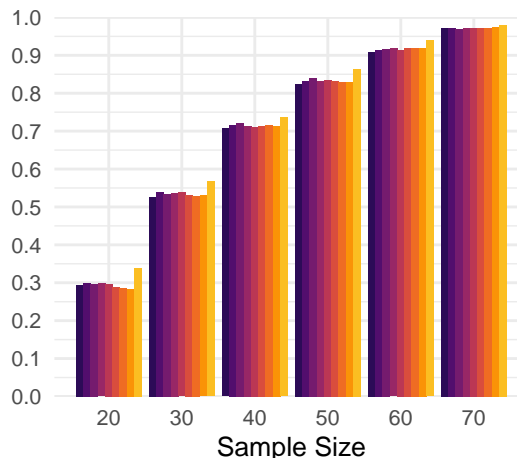
Each value based on 1000 simulated data replicates; AMKAT P-values estimated using 1000 permutations

28-variable signal set

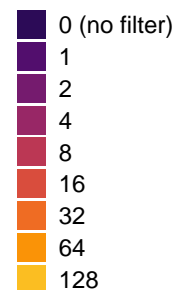
Uncorrelated error components



Correlated error components ($\rho = 0.5$)

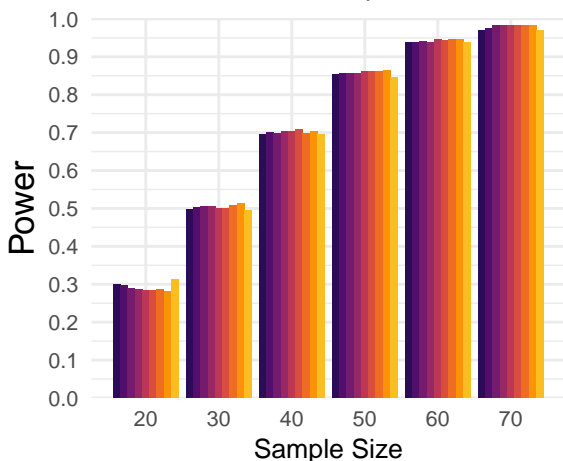


Number of test stats
used to estimate
P-value with PhiMr



122-variable signal set

Uncorrelated error components



Correlated error components ($\rho = 0.5$)

