

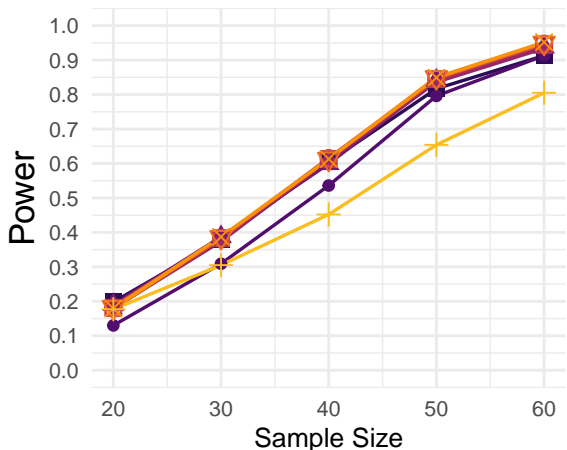
Simulated Power: Comparison of AMKAT Variations

Continuous features ($p = 100$)

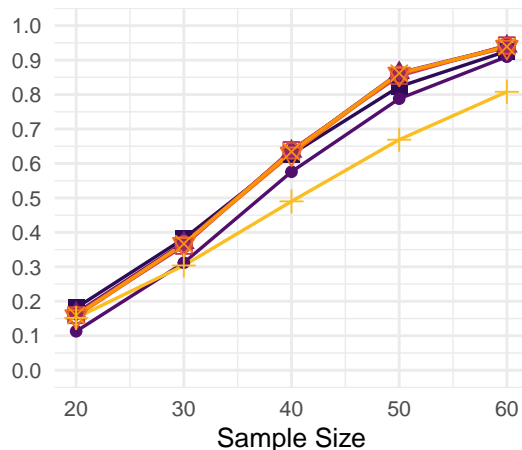
Each value based on 1000 simulated data replicates; AMKAT P-values estimated using 1000 permutations

7-variable signal set

Uncorrelated error components

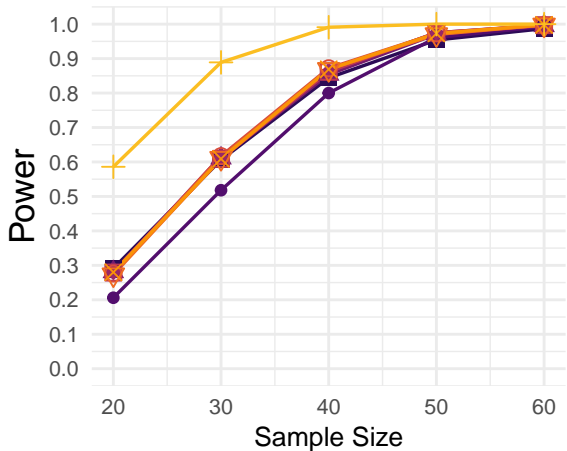


Correlated error components ($\rho = 0.5$)

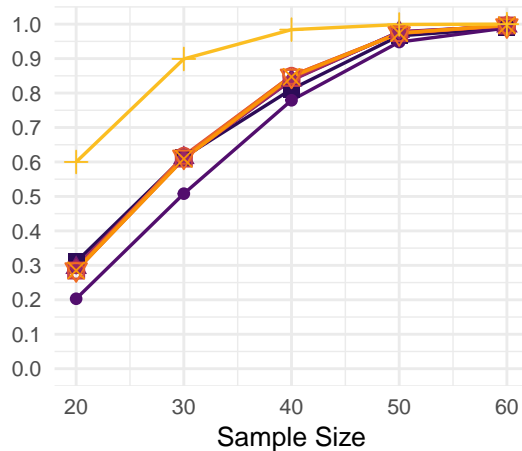


80-variable signal set

Uncorrelated error components



Correlated error components ($\rho = 0.5$)



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

- 0 (no filter)
- 1
- 2
- 4
- 8
- 16
- 32
- 64
- 128