Simulated Power: Comparison of AMKAT Variations
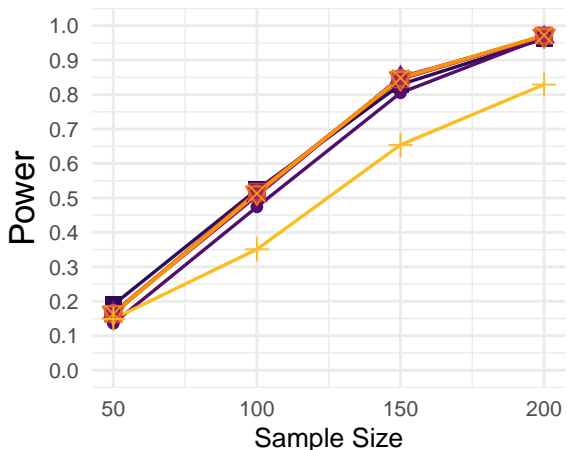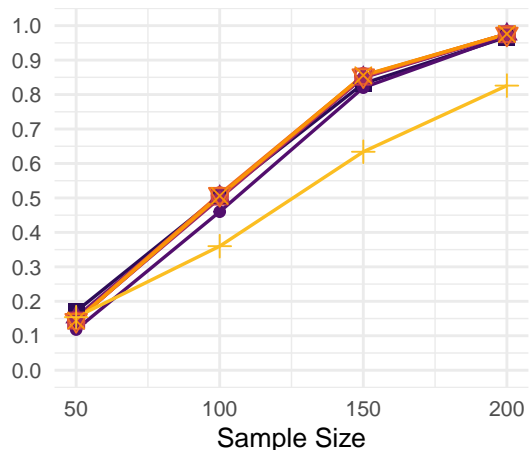
Continuous features (p = 1000)
Each value based on 1000 simulated data replicates; AMKAT P−values estimated using 1000 permutations
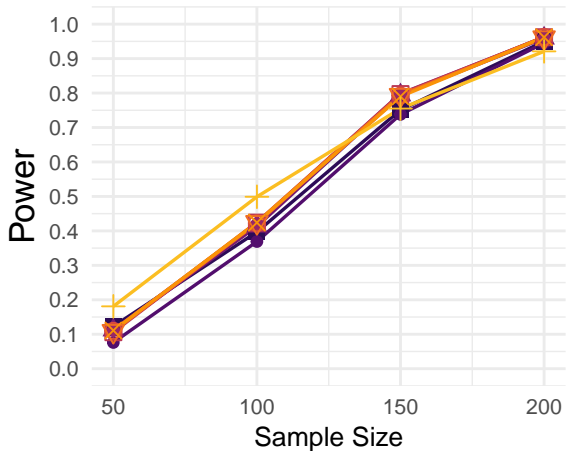

7−variable signal set

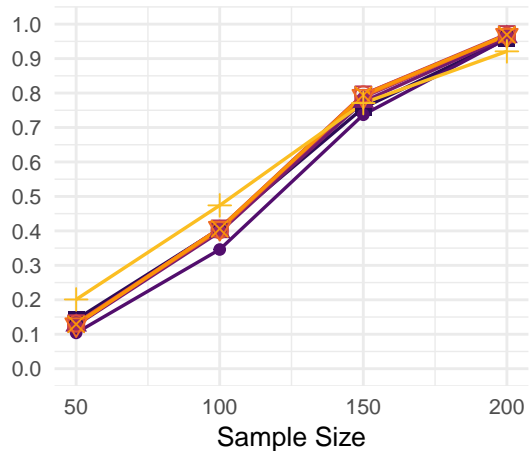Uncorrelated error components

Correlated error components (ρ = 0.5)

80−variable signal set

Uncorrelated error components

Correlated error components (ρ = 0.5)

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

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