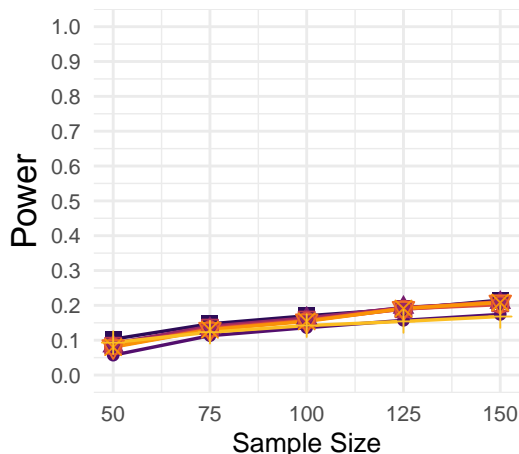# Simulated Power: Comparison of AMKAT Variations

Continuous features (p = 500), multivariate Cauchy errors, 100% signal strength
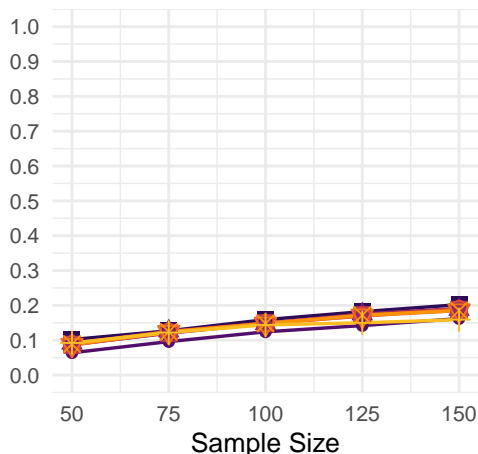Each value based on 1000 simulated data replicates; AMKAT P–values estimated using 1000 permutations

7–variable signal

Independent errors

Correlated errors (± 0.5 pairwise)

80–variable signal

Independent errors

Correlated errors (± 0.5 pairwise)

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

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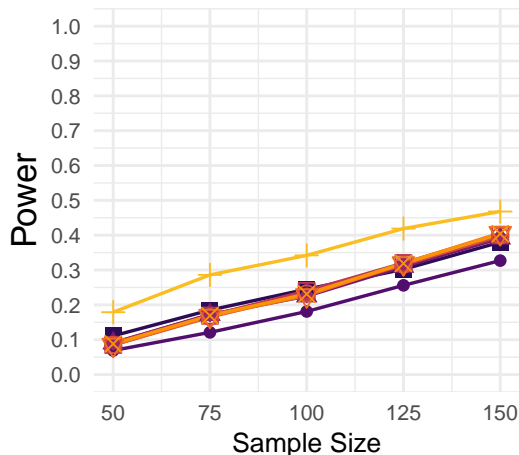- 16
- 32
- 64
- 128