

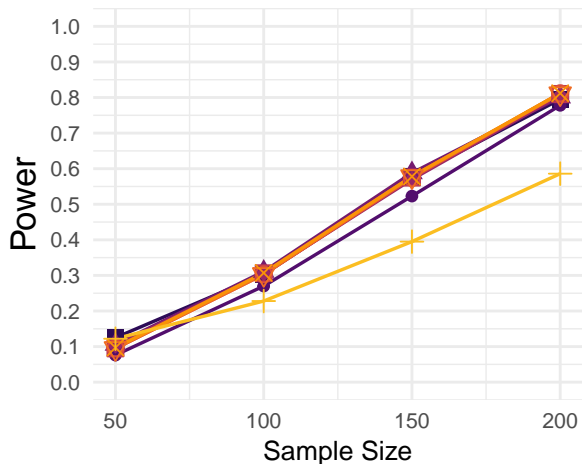
# Simulated Power: Comparison of AMKAT Variations

Continuous features ( $p = 2000$ )

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

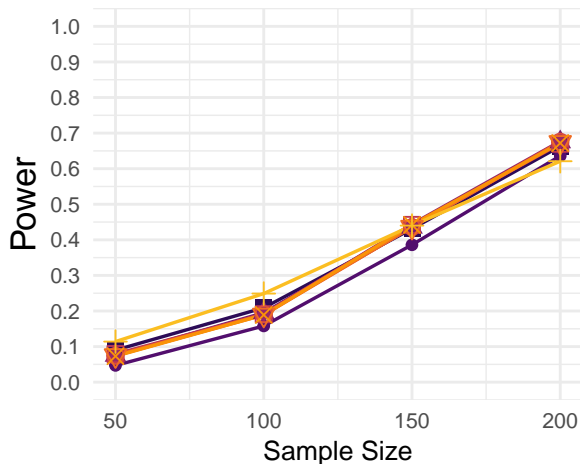
## 7-variable signal set

Correlated error components ( $\rho = 0.5$ )



## 80-variable signal set

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