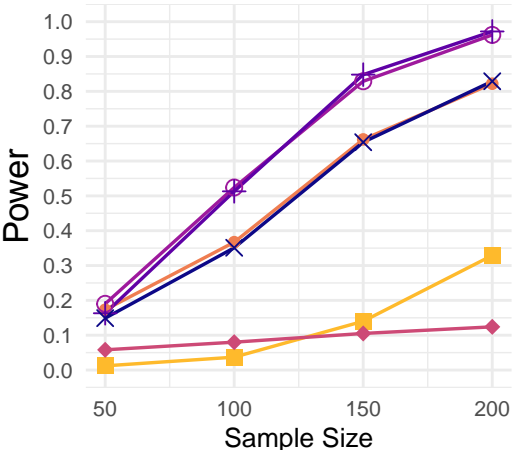# Simulated Power: AMKAT vs. Comparison Methods
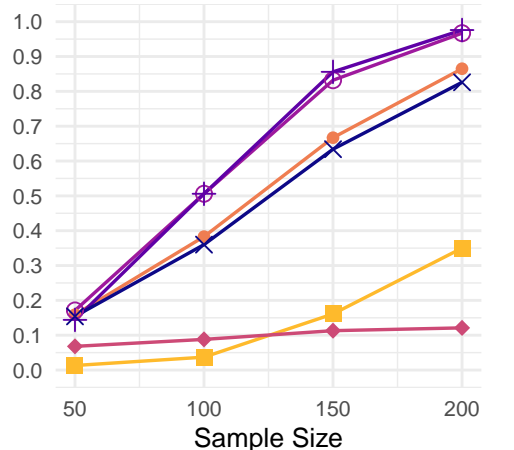
Continuous features (p = 1000), multivariate normal errors, 100% signal strength
Each value based on 1000 simulated data replicates; AMKAT P–values estimated using 1000 permutations

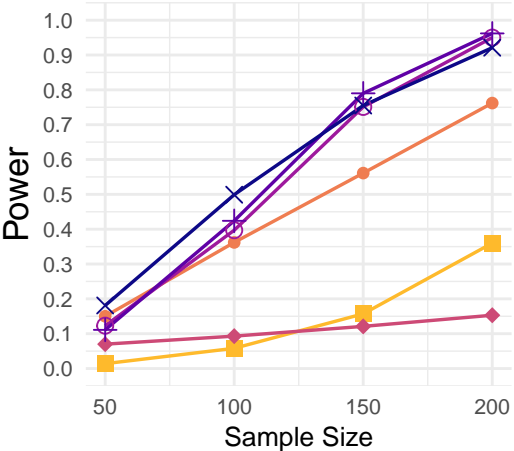## 7–variable signal
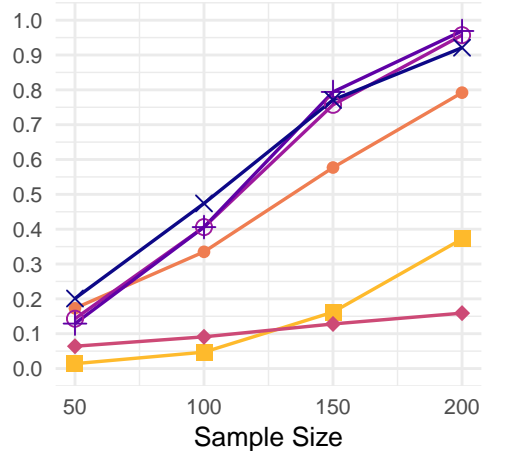
Independent errors

Correlated errors (± 0.5 pairwise)

80–variable signal

Independent errors

Correlated errors (± 0.5 pairwise)

Legend:
- OMGA
- DKAT
- DKAT with Linear Phenotype Kernel
- AMKAT (no filter)
- AMKAT (PhiMr filter) with 64 test stats
- AMKAT (PhiMr filter) with 128 test stats