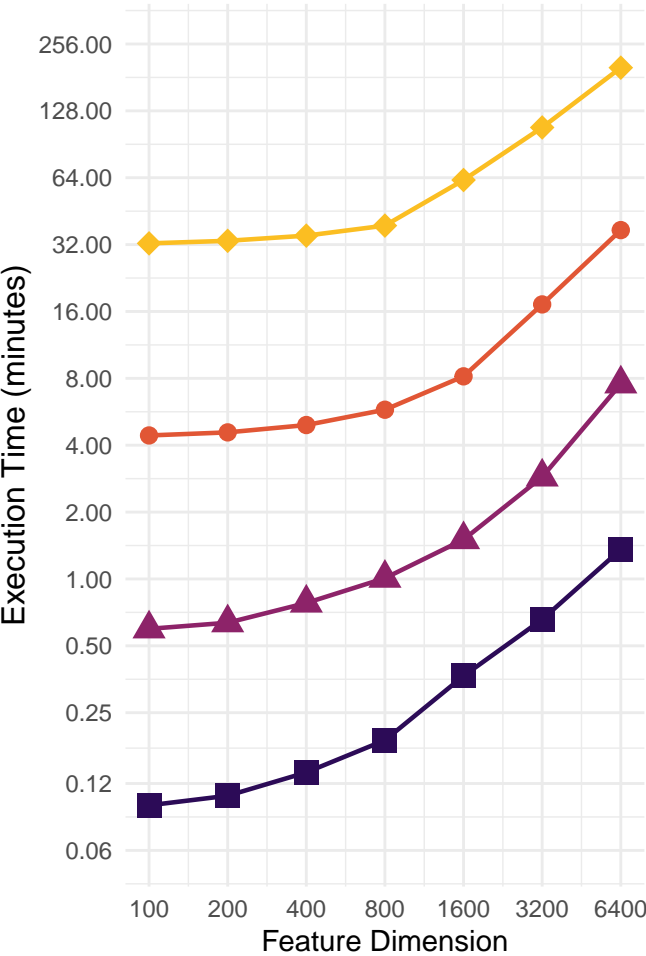


AMKAT Execution Time

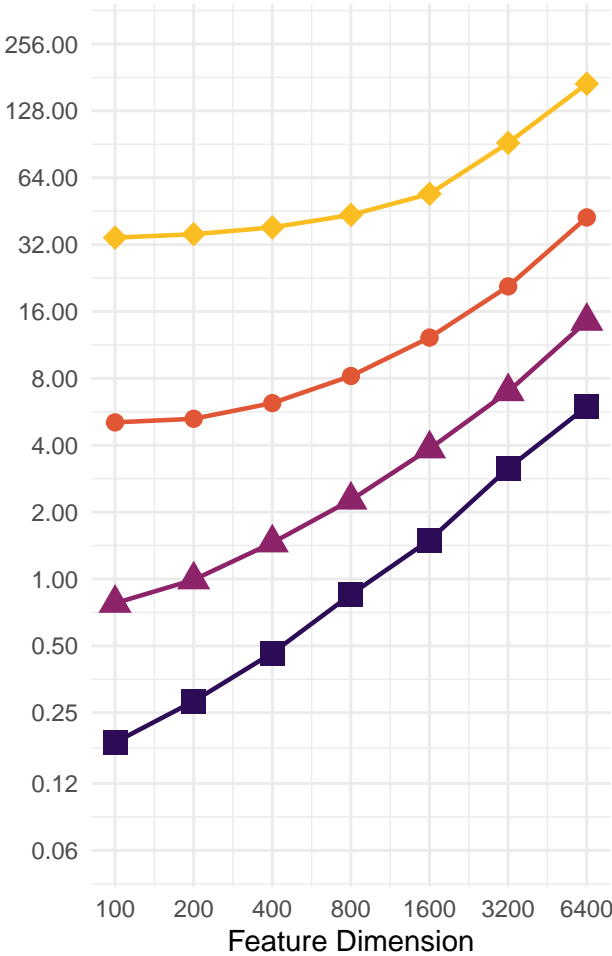
4 response variables; 2 covariates; continuous features
Candidate kernels include linear, quadratic, Gaussian and IBS
1000 permutations used to estimate each P-value

AMKAT Without Filter



AMKAT With PhiMr Filter

P-value estimated using 50 test statistics



sample size ■ 50 ▲ 100 ● 200 ◆ 400