

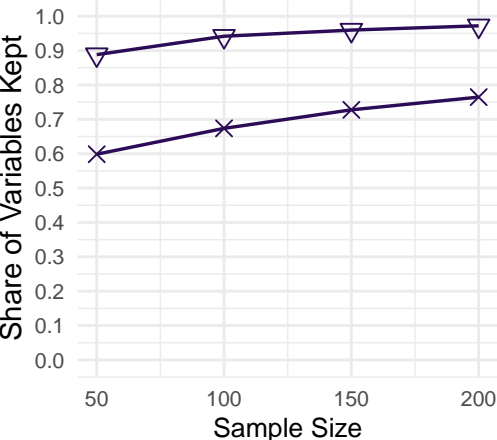
# PhiMr Retention Rates for Signal/Noise Variables

Simulated SNP set ( $p = 567$ ) with strongly-correlated signal variables

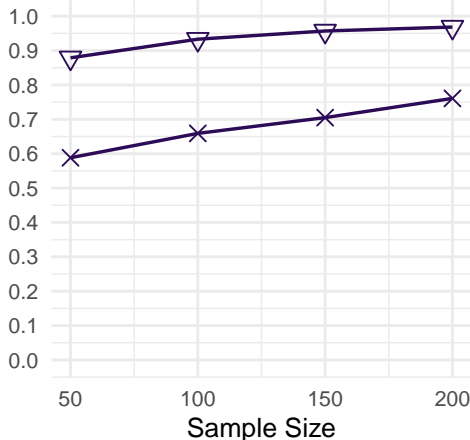
Mean share of signal/noise variables retained by PhiMr across 1000 simulated data replicates

## 28-variable signal set

Uncorrelated error components

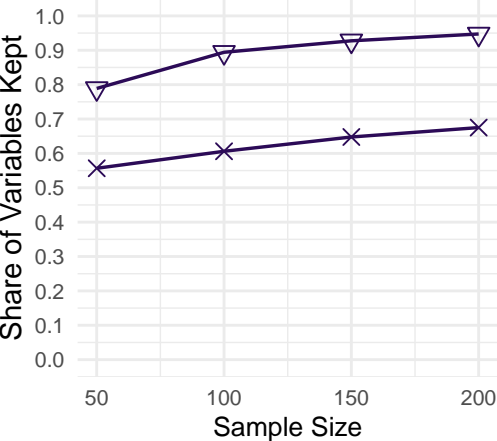


Correlated error components ( $\rho = 0.5$ )

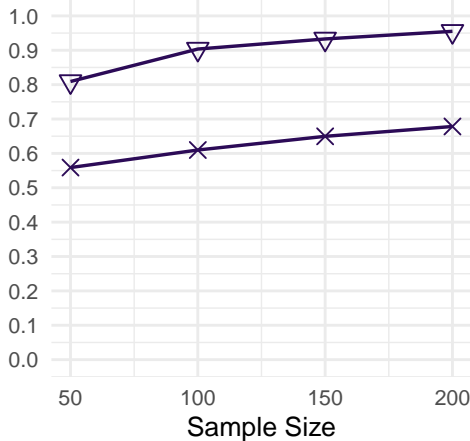


## 122-variable signal set

Uncorrelated error components



Correlated error components ( $\rho = 0.5$ )



variable type

▽ signal  
× noise

feature dim.

● 567