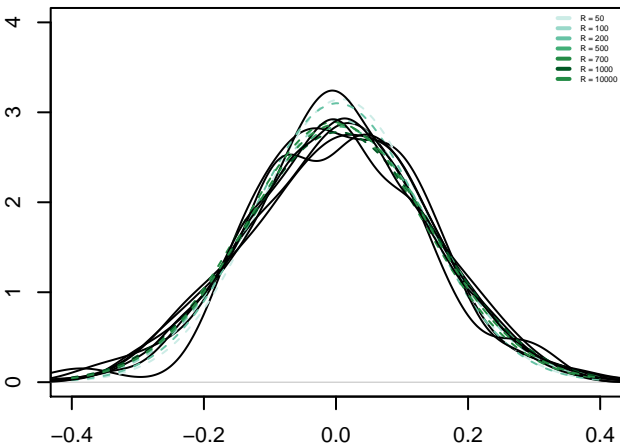


Monte Carlo simulation – Simulated AR(1) model

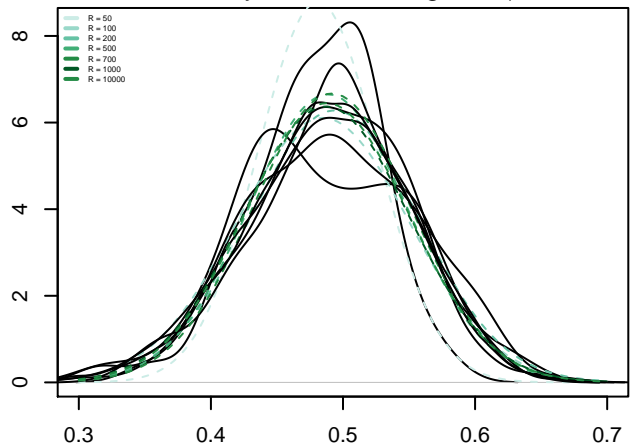
Estimated distribution across different number or replications (R)

Density Estimate using MC, $\hat{\mu}$



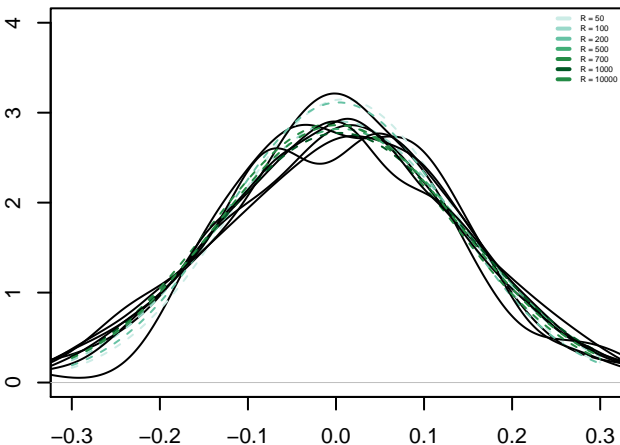
N = 50 Bandwidth = 0.05218

Density Estimate using MC, $\hat{\phi}$



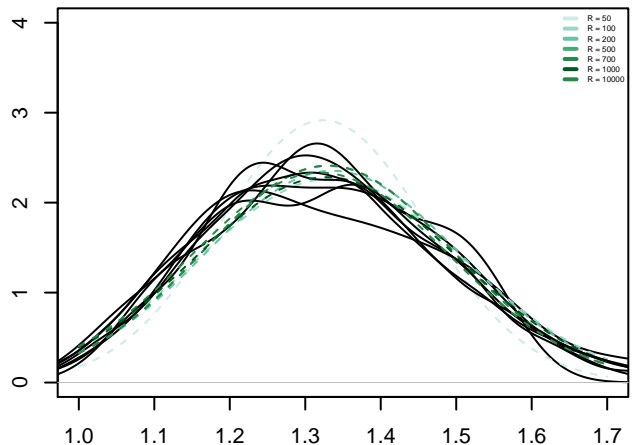
N = 50 Bandwidth = 0.01869

Density Estimate using MC, mean of y



N = 50 Bandwidth = 0.04942

Density Estimate using MC, variance of y



N = 50 Bandwidth = 0.05629