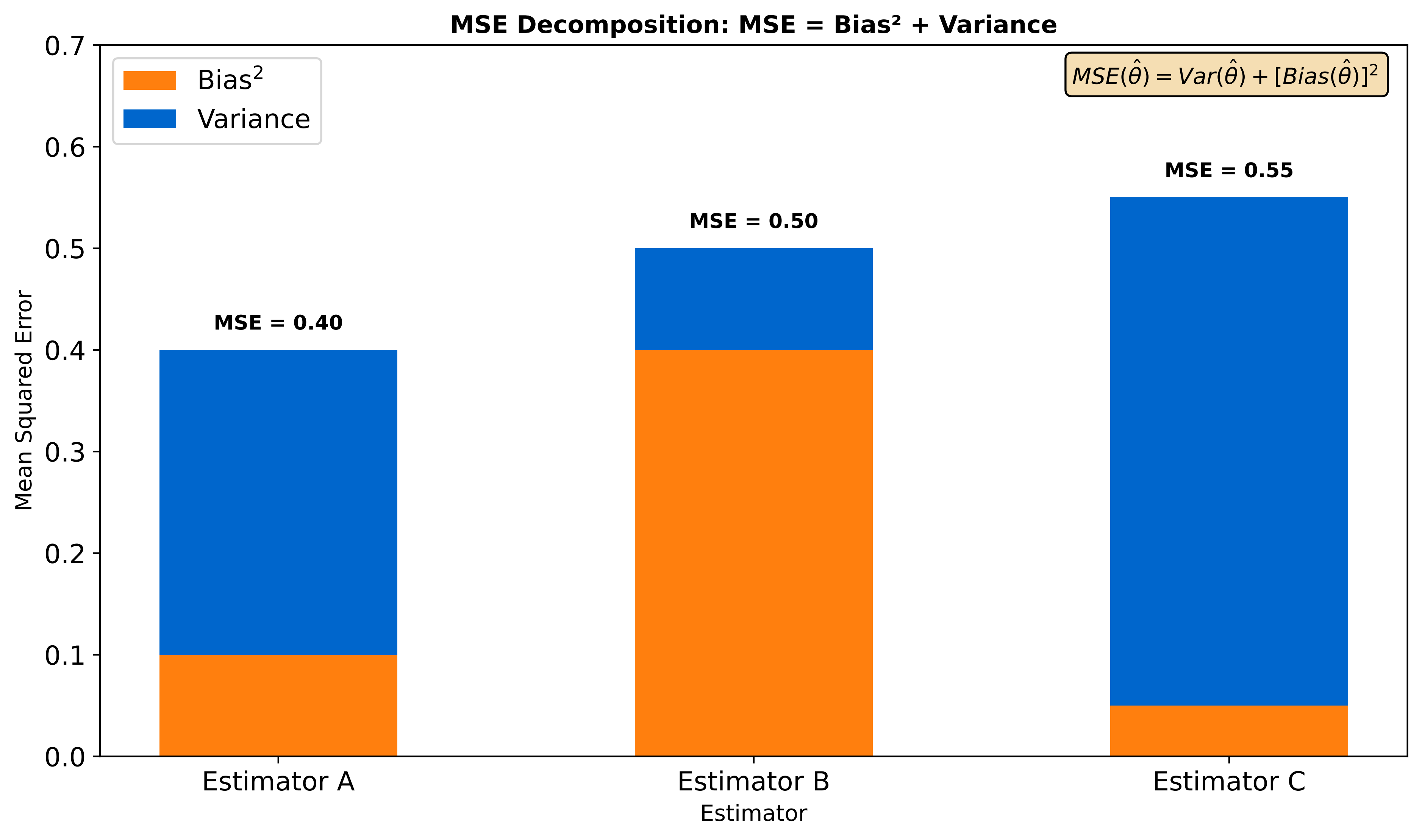
MSE Decomposition: MSE = Bias² + Variance
Bias^2
Variance
$MSE(\hat{\theta}) = Var(\hat{\theta}) + [Bias(\hat{\theta})]^2$
MSE = 0.40
MSE = 0.50
MSE = 0.55
Mean Squared Error
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
Estimator A
Estimator B
Estimator C
Estimator