Lab 08 Bootstrapping of a Variance estimator

bias =
$$F[\hat{\theta}] - \theta$$
 $\hat{\theta} - (bias) \Rightarrow bias - corrected estimator$
 $\theta^* - \hat{\theta} = bias estimator$
 $89.09 - 92.46 = -3.37$
Bias corrected: $\hat{\theta} - [\hat{\theta}^* - \hat{\theta}] = 2\hat{\theta} - [\hat{\theta}^* = 94.83]$
 $0.7769 \Rightarrow CI$ of land 95% , $(0.3419, 0.9389)$
 $\sum X_i Y_i - \sum X_i \sum Y_i$
 $\sum X_i^2 - (\sum X)^2 | (\sum Y_i^2 - (\sum X_i^2)^2) | (\sum Y_i^2 - (\sum Y_i^2)^2) |$

