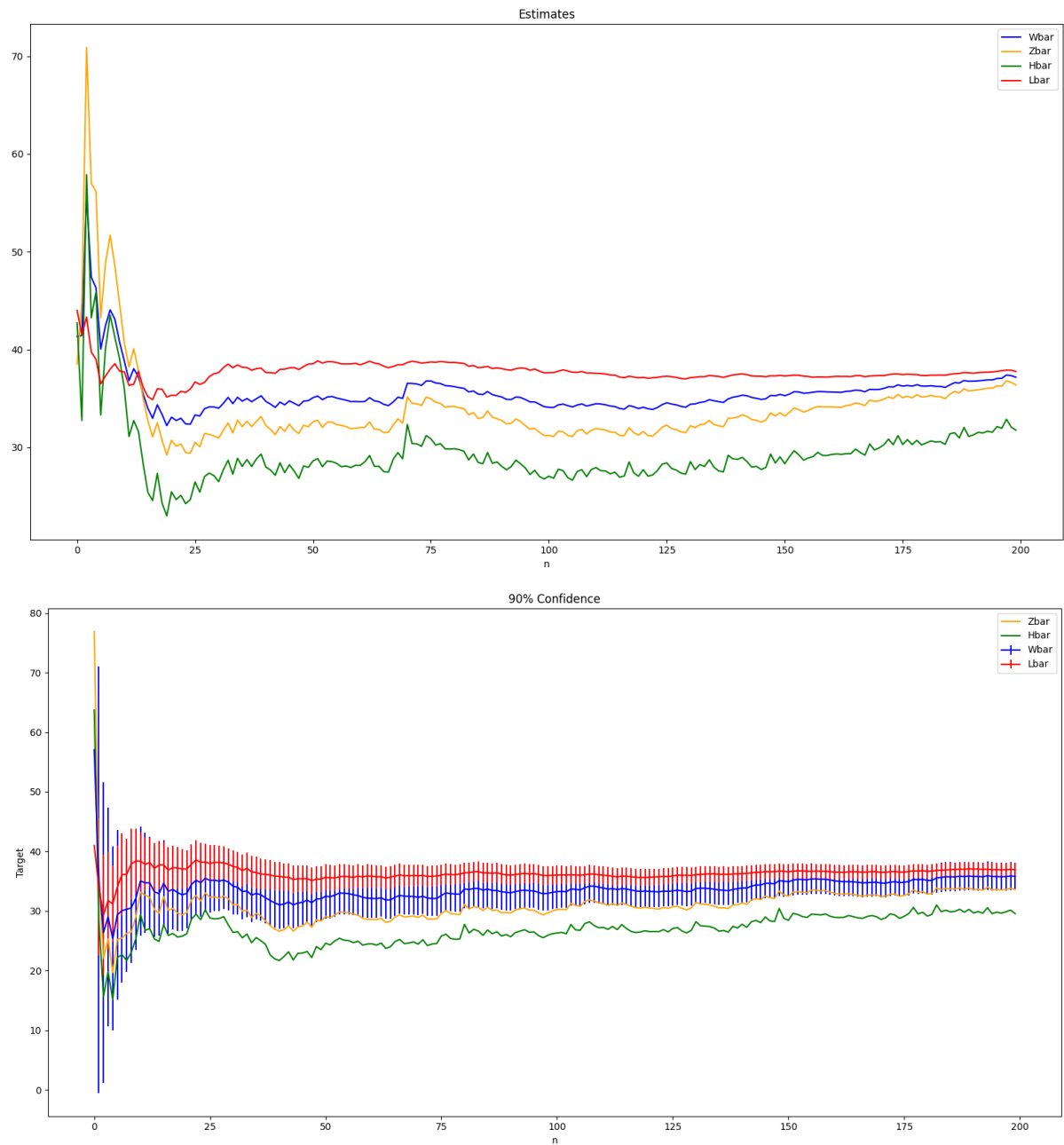


Assignment 1



2)

For estimator Wbar (problem 1a), the minimum number of simulation runs needed to be 90% confident that the estimated value lies with $\pm 10\%$ of the estimated value is 62.

For estimator Lbar (problem 1d), the minimum number of simulation runs needed to be 90% confident that the estimated value lies with $\pm 10\%$ of the estimated value is 17

This makes L_{bar} 3.6 times better than W_{bar} .