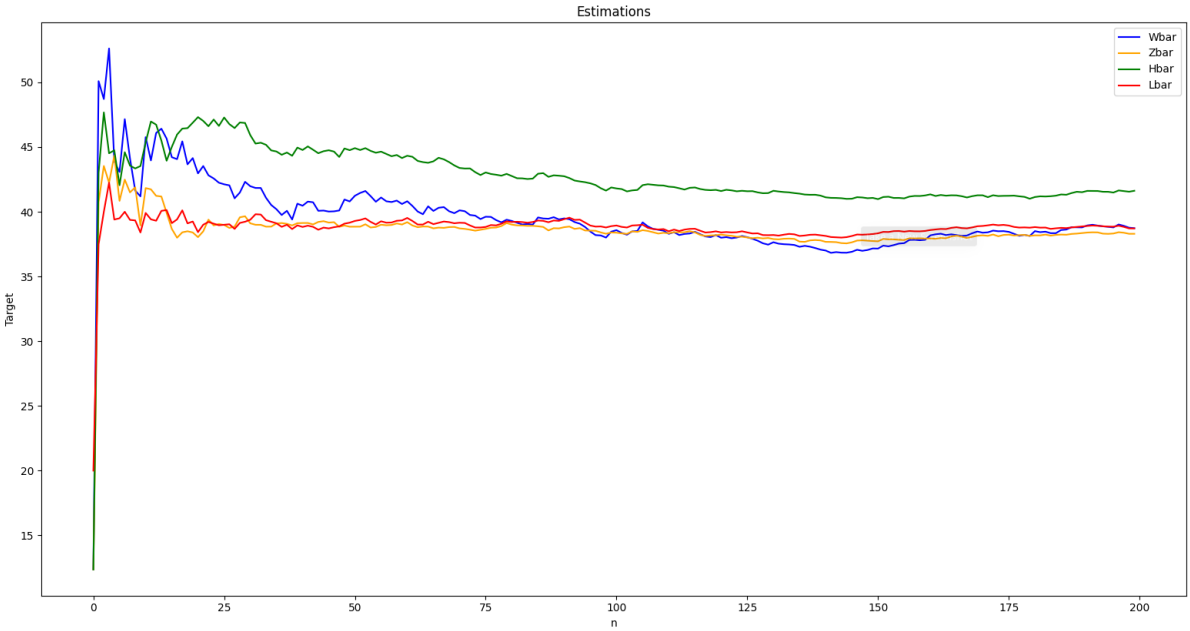
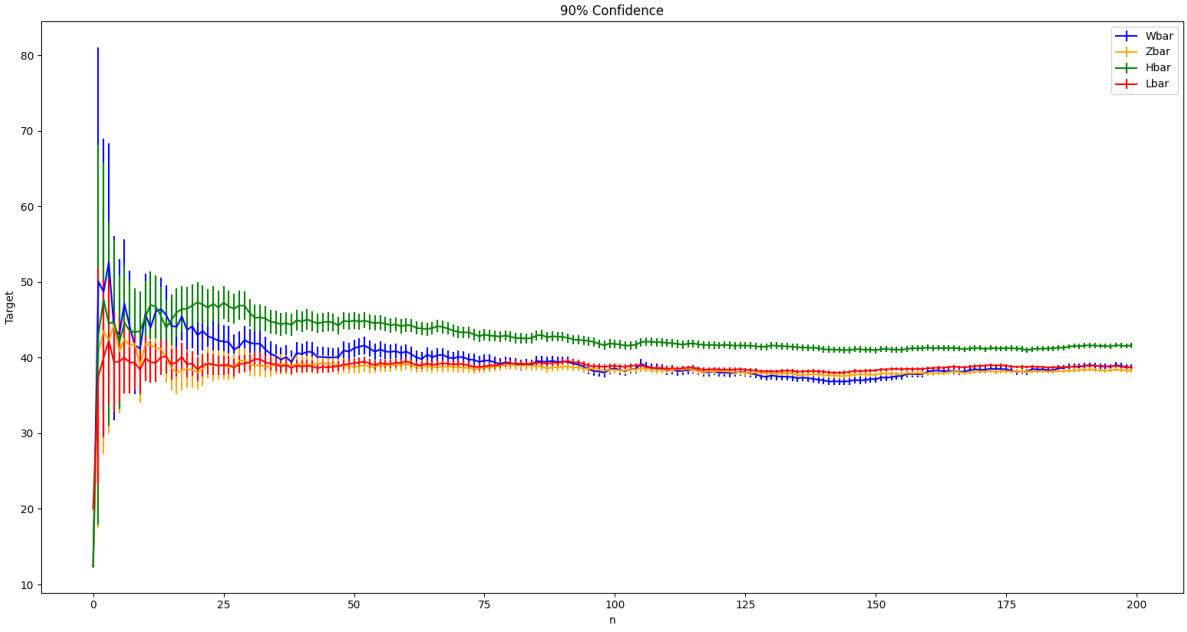
Jonathan Koning

Penalty Free Late Submission

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 +/- 10% of the estimated value is 12.
For estimator Zbar (problem 1b), the minimum number of simulation runs needed to be 90% confident that the estimated value lies with +/- 10% of the estimated value is 11. This is about a 9% improvement over the raw estimator.
For estimator Hbar (problem 1c), the minimum number of simulation runs needed to be 90% confident that the estimated value lies with +/- 10% of the estimated value is 11. This is about a 9% improvement over the raw estimator.
For estimator Lbar (problem 1d), the minimum number of simulation runs needed to be 90% confident that the estimated value lies with +/- 10% of the estimated value is 8. This is about a 33% improvement over the raw estimator.