

Network analysis and simulation

Homework 1

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Exercise 1

Exercise 2

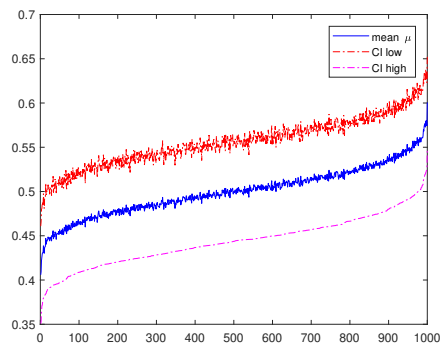


Figure 1: Results of the experiment with $n = 100$

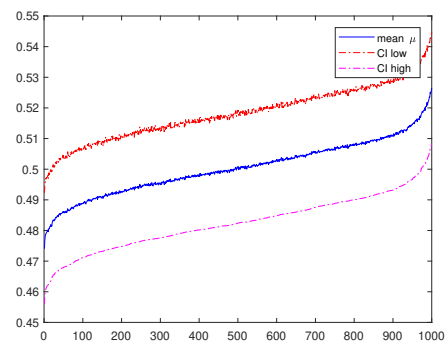


Figure 2: Results of the experiment with $n = 1000$

From Figure 1 and Figure 2 we can see that as much we increase n , the mean width of the Confidence Interval (CI) get lower. Note that the width of the CI is not constant.