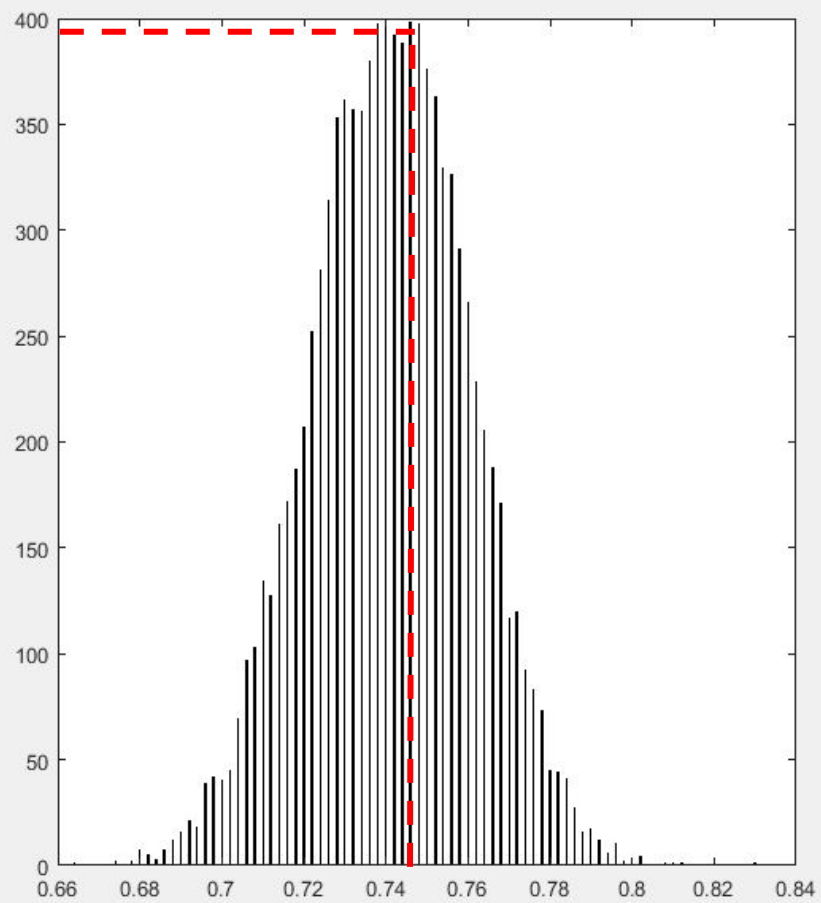


HISTOGRAM PLOTS

PLOT 1 :

Probability that the player wins the first game , $P [W1]$

Calculated probability : **0.7409**

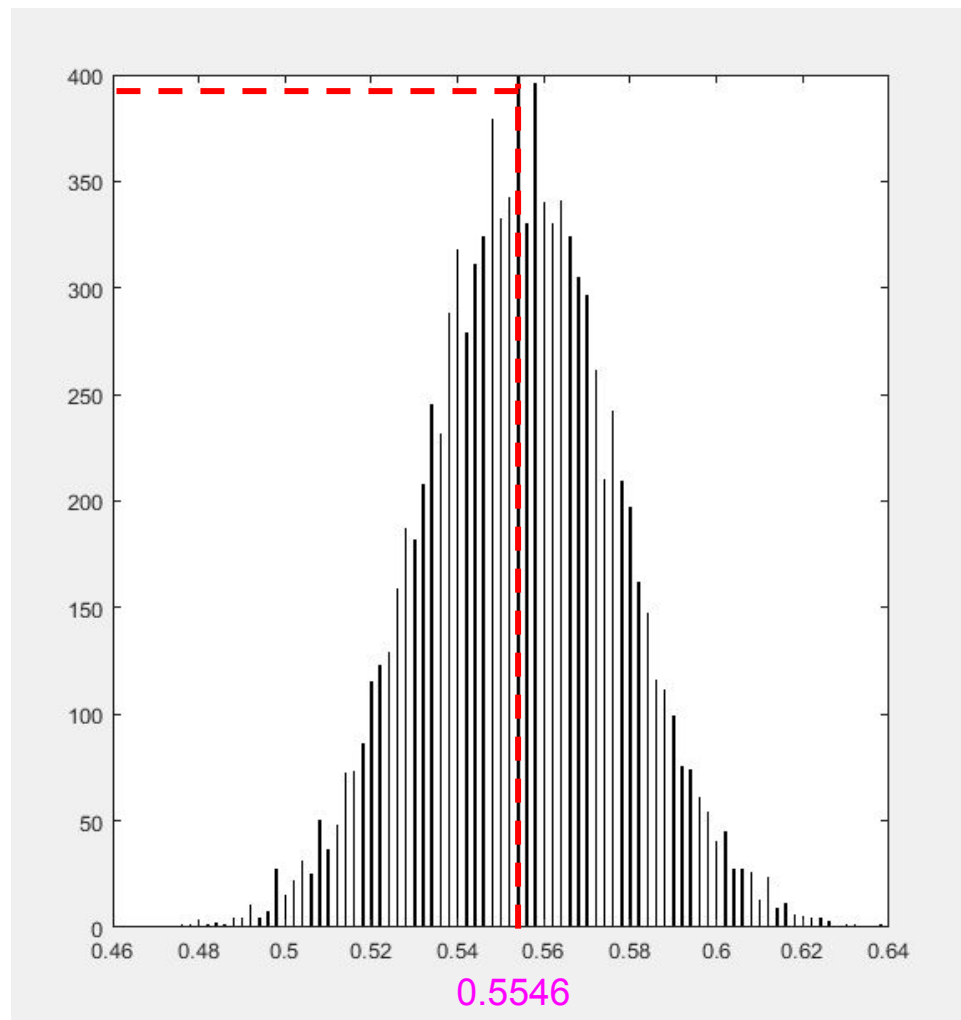


0.7409

PLOT 2 :

Probability that the player wins the second game , $P [W_2]$

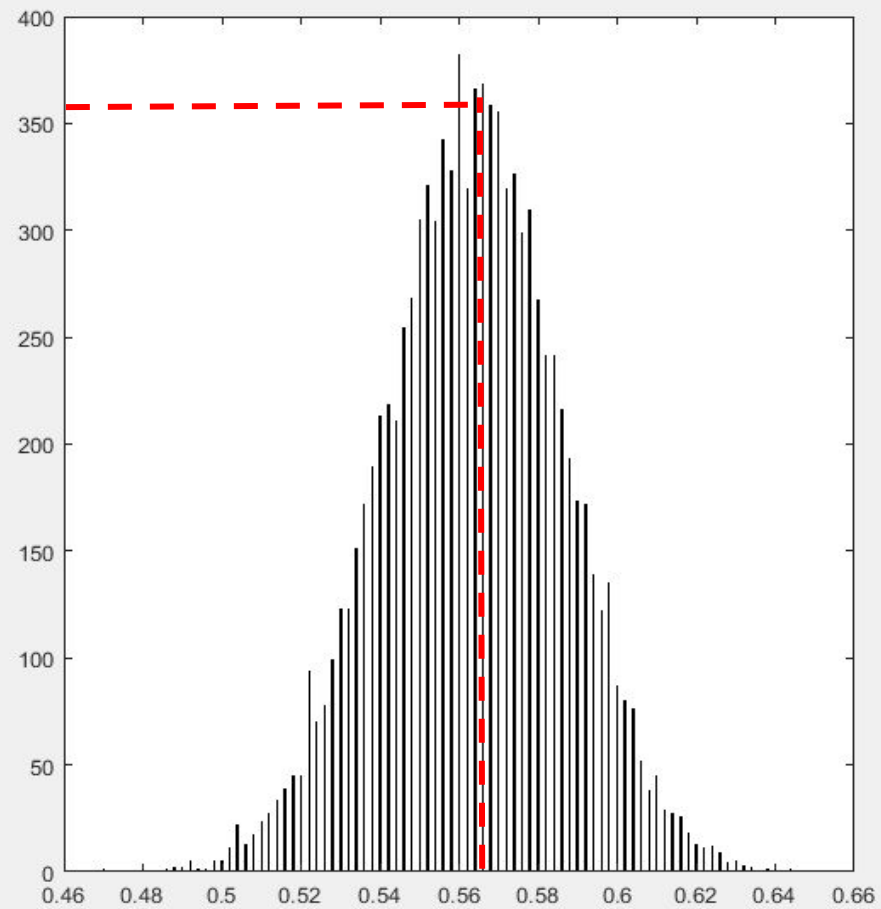
Calculated probability : **0.5546**



PLOT 3 :

Probability that the player wins the third game , $P [W3]$

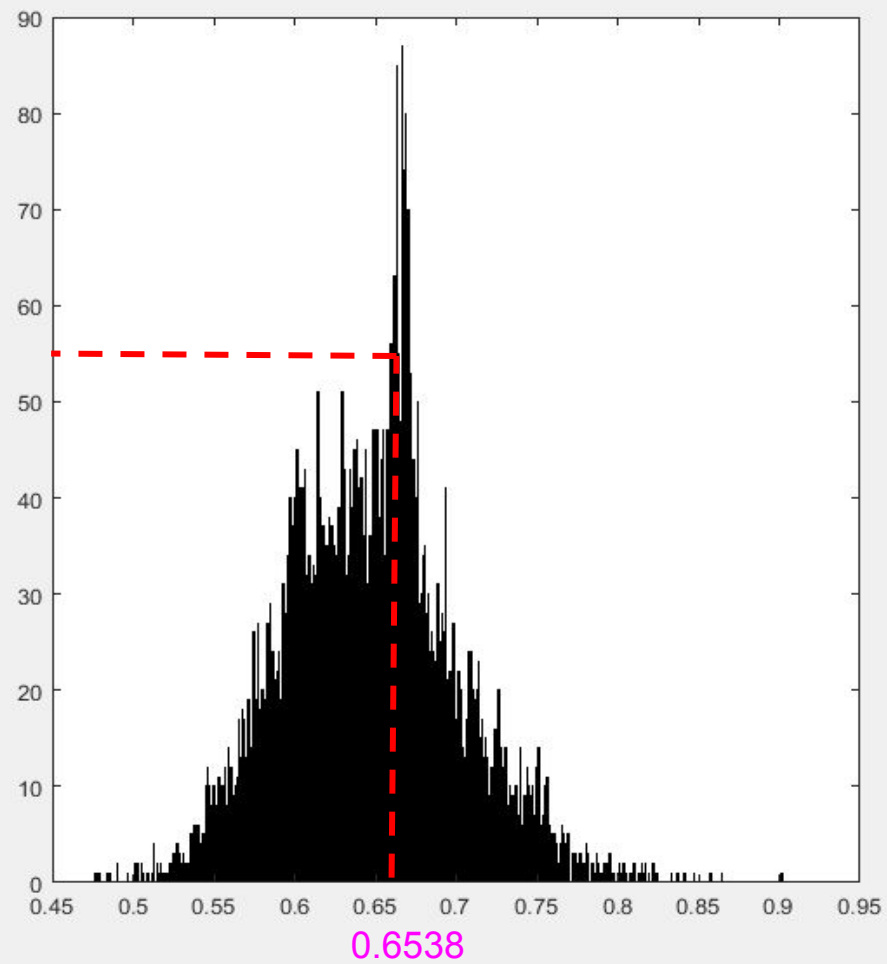
Calculated probability : **0.5631**



0.5631

PLOT 4 :

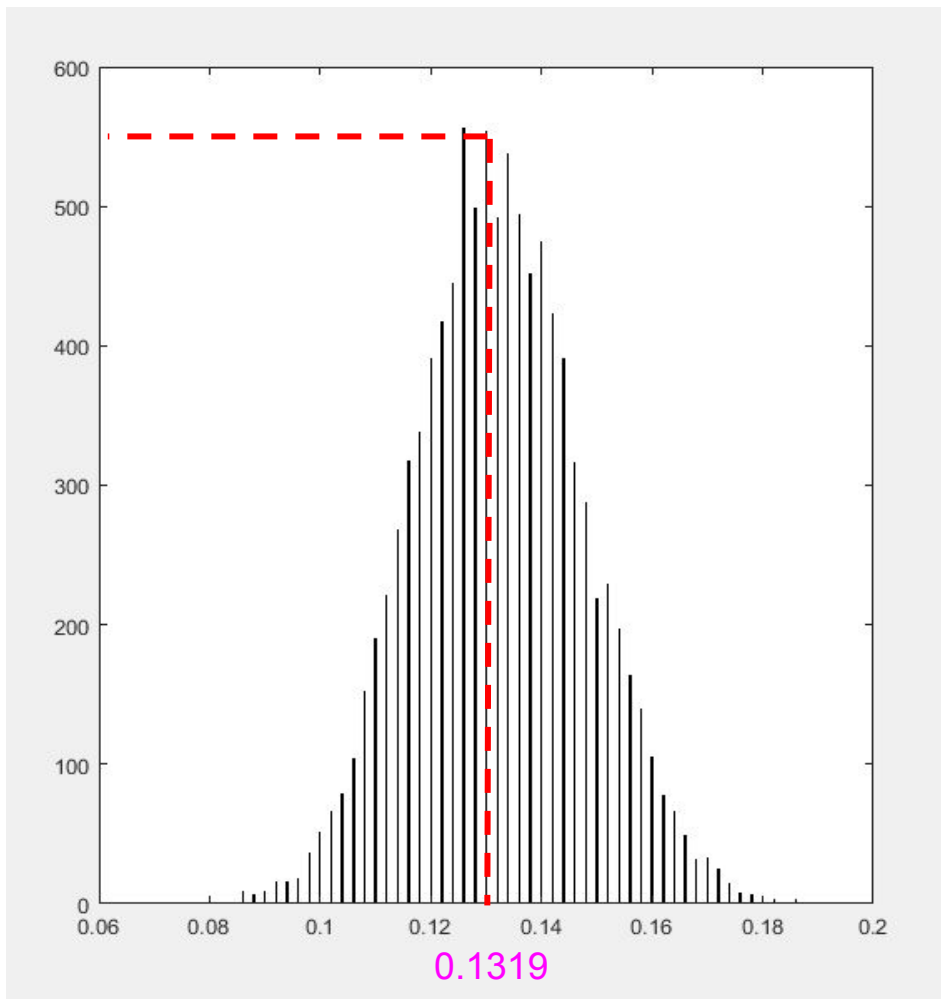
Probability that the player had won the first game , given that he won the second game
Calculated probability : **0.6538**



PLOT 5 :

Probability that the player won all three games

Calculated probability : **0.1319**



QUESTIONS

Do your histograms provide you a good sense of the most likely value of the corresponding probabilities?

Yes, the histograms provide us a very good sense of the most likely value of the corresponding probabilities, as we can clearly see from the plots.

Where do the most likely values lie on the histogram?

The histograms have a bell-shape. The most likely values lie at the top of the bell-like structure.