Homework 3

Computational Methods for Data Science

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Q1.

Q2.

Q3.

(a)

“h” will modify the probability of the points generated inside the area. Thus, if h increases, it takes more epochs to converge to .

“n” for estimating by calculating the ratio of the points generated inside the circle. Thus, the large “n” is, the more precise the estimated is.

(b)

(c)

Q4.

Q5.

Q6.