

Stat 235

Lab 4

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Lab EL12

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1**1.a**

Keeping other parameters constant, changing the confidence level yields the following:

Confidence Level	Margin of Error
0.90	0.300308
0.95	0.357839
0.99	0.470280

Table 1: My caption

How does the margin of error change as the confidence interval increases? Explain briefly. As seen in Table 1 above, the Margin of Error increases as the Confidence Level is increased. This makes sense because.....

1.b

Confidence Level	Observed Fraction of Intervals That Failed to Cover the Hypothesized Population Mean
0.90	0.11
0.95	0.06
0.99	0.02

Table 2: My caption

Are the observed counts consistent with the values predicted by the theory? Explain briefly. looks like you got some learnin to do....

2

2.a

2.b

3

3.a

3.b

4

4.a

4.b

5

5.a

5.b

6

6.a

6.b

6.c

6.d