

LAB 10 REPORT

TRINAYAN DAS
180123051

Below are the observations found:

Values	I_m	\hat{I}_m	95% confidence interval for I_m	95% confidence interval for \hat{I}_m	Ratio
100	1.85	1.99	{1.7603268707672541, 1.940496756380679}	{1.9935871728142478, 2.0058939142878653}	14.63993421814076
1000	2.01	1.99	{1.9839179550083836, 2.0367230649118384}	{1.9967900918934711, 2.0008703411507445}	12.941638261272237
10000	2.01	1.97	{1.9976117101225004, 2.0147759990525564}	{1.998949033199125, 2.000252298717844}	13.170216416782926
100000	1.99	2.00	{1.9956271998916912, 2.001101652333421}	{1.9998172860482364, 2.0002237501935576}	13.468475644761593