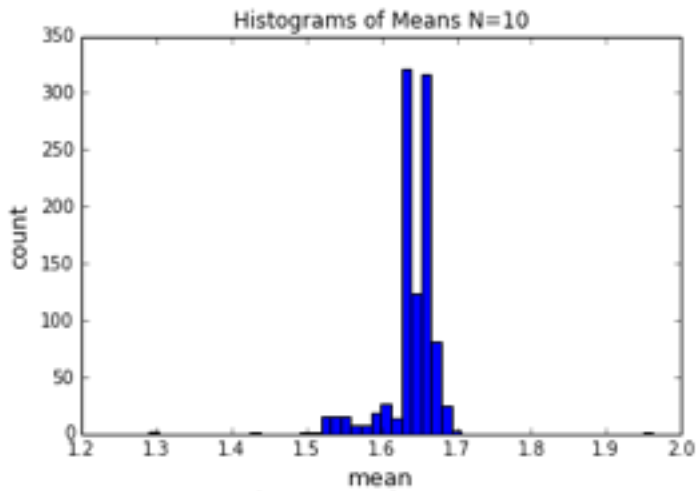


Question 4:



N=10

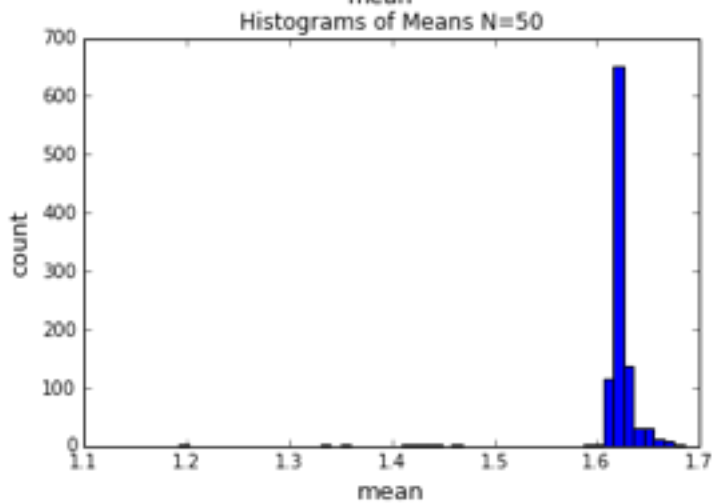
mean :1.63993612361

standard deviation: 0.0356055984518

Number of experiments within 1 sigma: 866

Number of experiments within 2 sigma: 939

Number of experiments within 3 sigma: 976



N=50

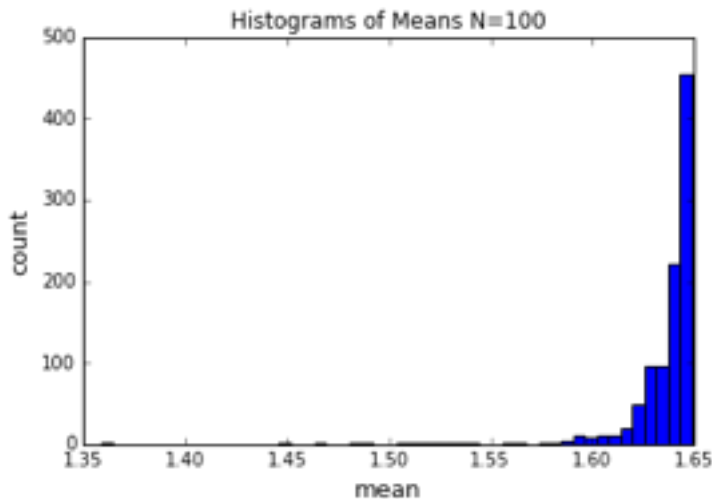
mean :1.62142968826

standard deviation: 0.0261356337693

Number of experiments within 1 sigma: 942

Number of experiments within 2 sigma: 987

Number of experiments within 3 sigma: 990



N=100

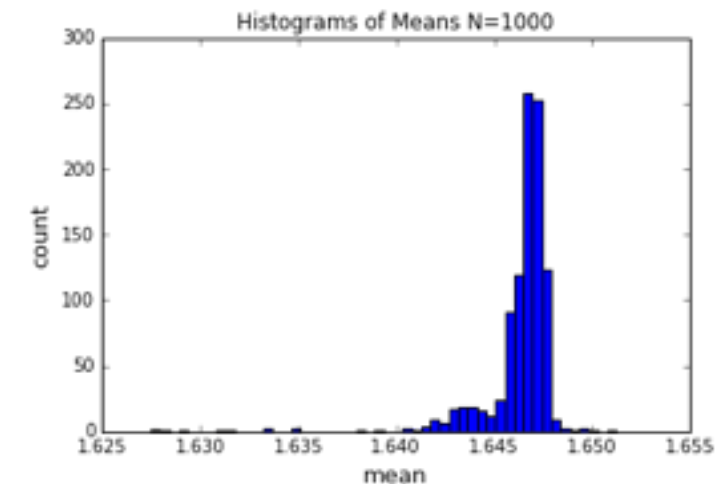
mean :1.63544647908

standard deviation: 0.0212067783898

Number of experiments within 1 sigma: 934

Number of experiments within 2 sigma: 972

Number of experiments within 3 sigma: 983



N=1000

mean :1.64631383376

standard deviation: 0.0019509964804

Number of experiments within 1 sigma: 895

Number of experiments within 2 sigma: 968

Number of experiments within 3 sigma: 988