Math 5090

8/29/2016

Given a random sample of size 100 with sample mean of 2 from a N(μ, 1) population, give a 90% equal tailed confidence interval by doing the following steps. Note that z0.05 = -1.645.

Write an appropriate probability statement.

Rewrite the statement to isolate μ.

Write the random interval.

Write the outcome of the random interval (i.e. confidence interval)