Math 5090

9/12/2016

A coin is tossed 3 times, resulting in H, H, T. Give an approximate 20% equal-tailed confidence interval for p, the probability that the next toss will result in heads; assume that tosses are independent. You may use the standard notation for percentiles in your answer.

Write an appropriate probability statement.

Rewrite the statement to isolate p.

Write the random interval.

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