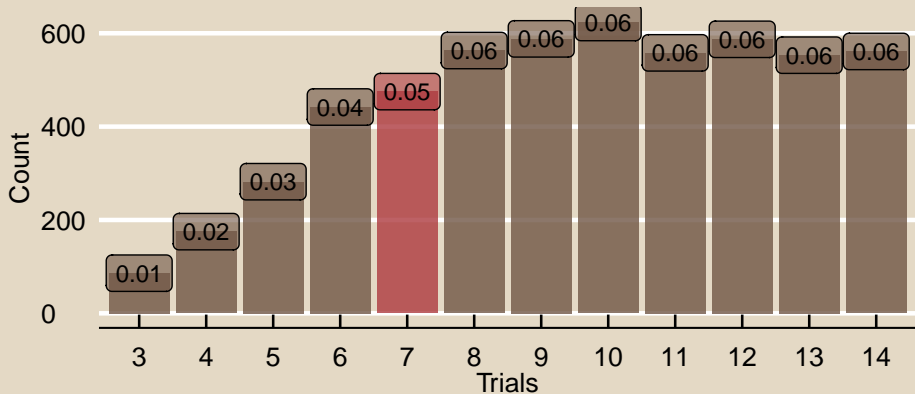


Negative-Binomial Distribution

$P(X=7)$ trials to reach 3 successes when $p = 0.2$ is 0.0492.



Simulation from $n = 10,000$ negative-binomial random samples.