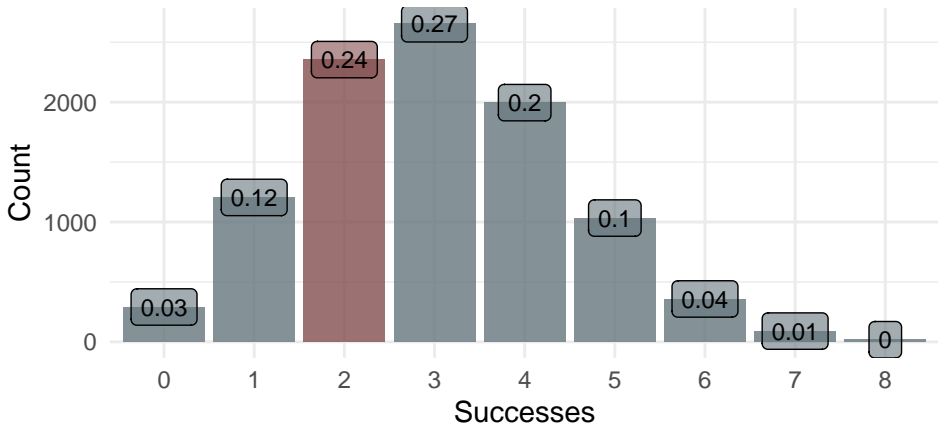


Binomial Distribution

$P(X=2)$ successes in 10 trials when $p = 0.3$ is 0.2335.



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