|  |  |  |
| --- | --- | --- |
| binom(1000,.8,50) | rbinom(1000, 50, .8) | QQ |

Pearson's Chi-squared test

data: BI and RBI

X-squared = 361.659, df = 360, p-value = 0.4655

The data shows that my binomial function closely models the built in R function. The histograms are similar; they both have the same range and frequency. The QQ plot shows that the data is in a more or less straight line, but the data points are not overlapping