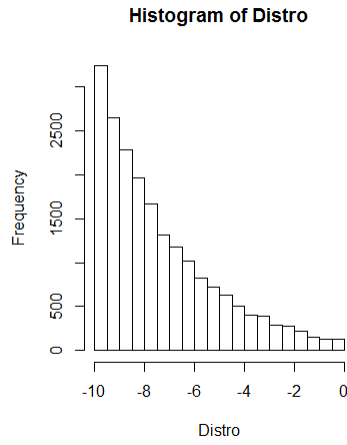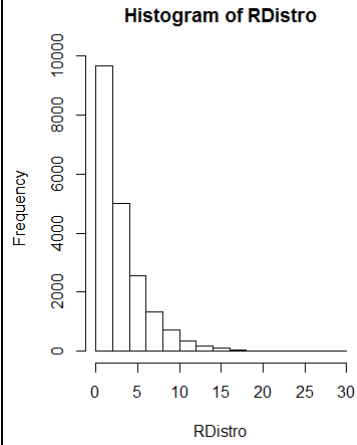| MyRexp(20000,1/3)	rExp(20000,1/3)	QQ (1/3)

Histogram of Distro   **Histogram of RDistro**
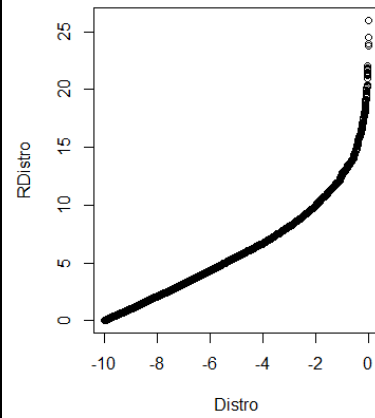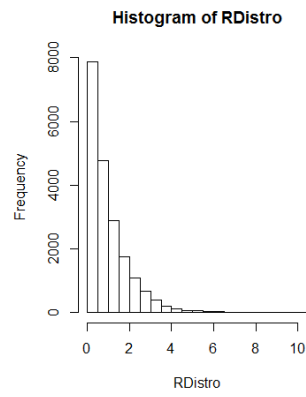
MyRexp(20000, 1)	rExp(20000,1)	QQ(1)

Histogram of Distro   **Histogram of RDistro**
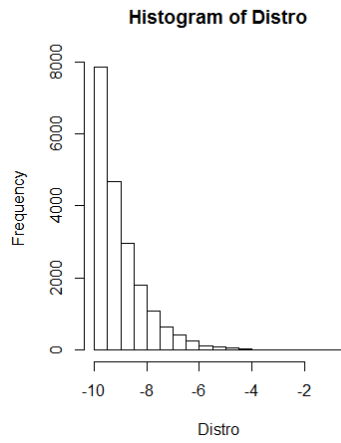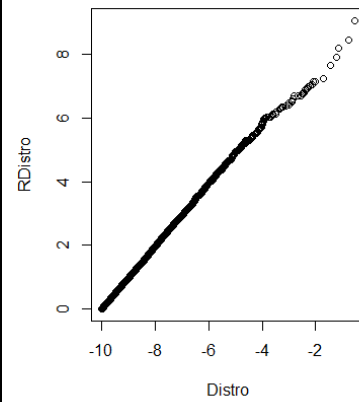
MyRexp(20000,3)	rExp(20000,3)	QQ(3)

Histogram of Distro   **Histogram of RDistro**
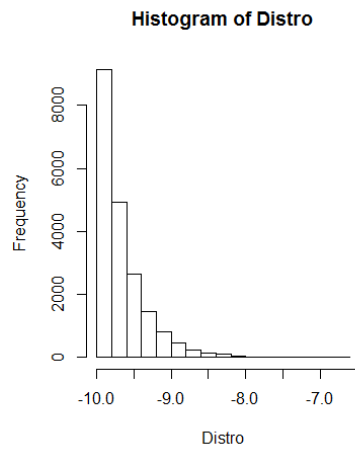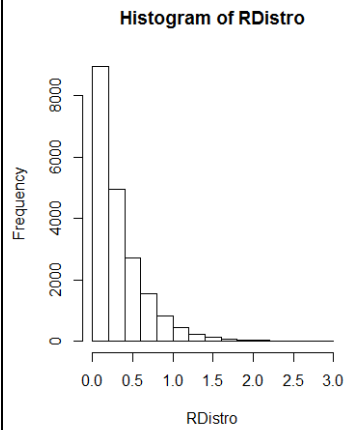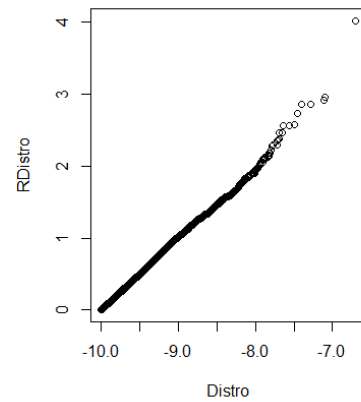
The data shows that my function gets closer to the built in R exponential function. The QQ plot is the most straight when the rate is 1. My function histograms look very similar to the built in r expnentional functions.