

dpredBB()

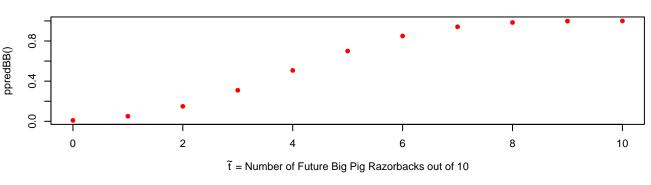
0.20

0.10

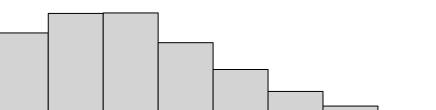
0

2





**Histogram of Predictive Sample** 



8

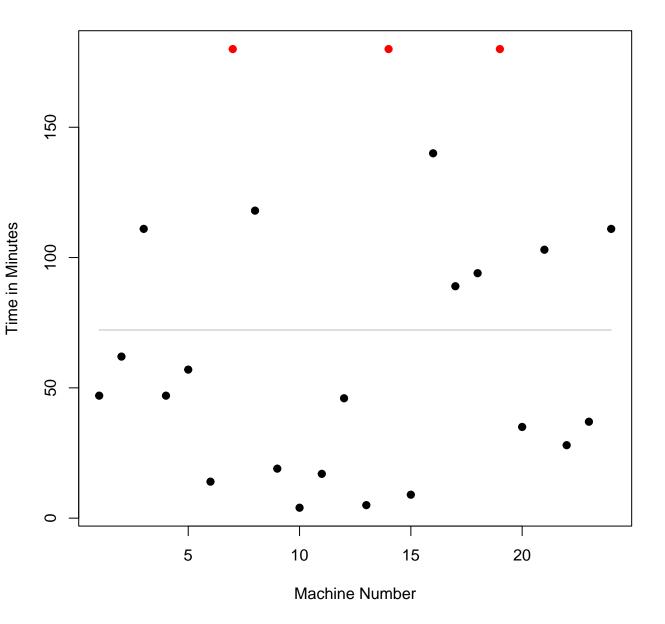
10

6

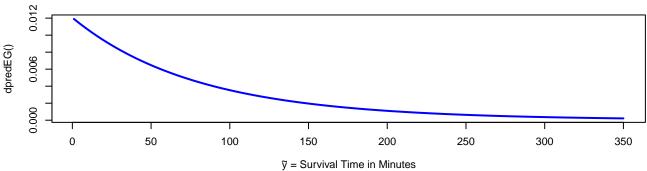
 $\tilde{t}$  = Number of Future Big Pig Razorbacks out of 10

4

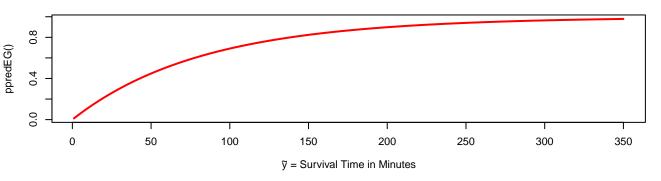
# **Machine Tool Lifetimes**



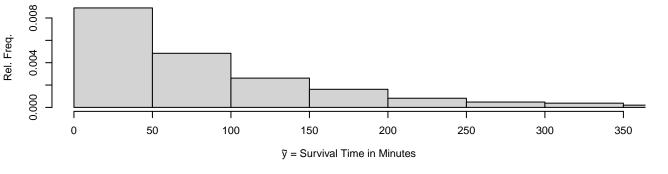
## **Exponential-Gamma Predictive Density**



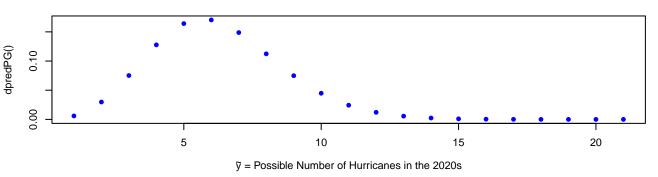
### **Exponential-Gamma Cumulative Predictive Probability**



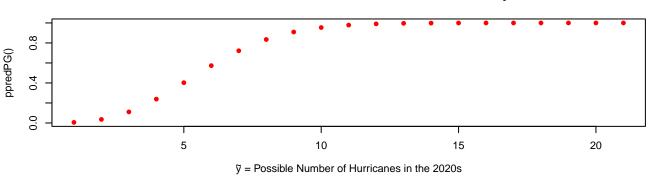
## **Histogram of Predictive Sample**



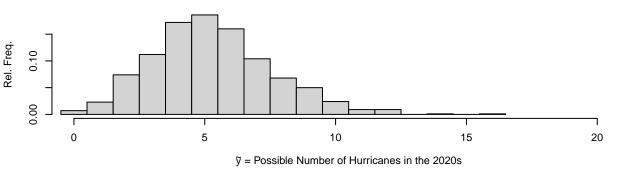
### Poisson-Gamma Predictive Probability Mass

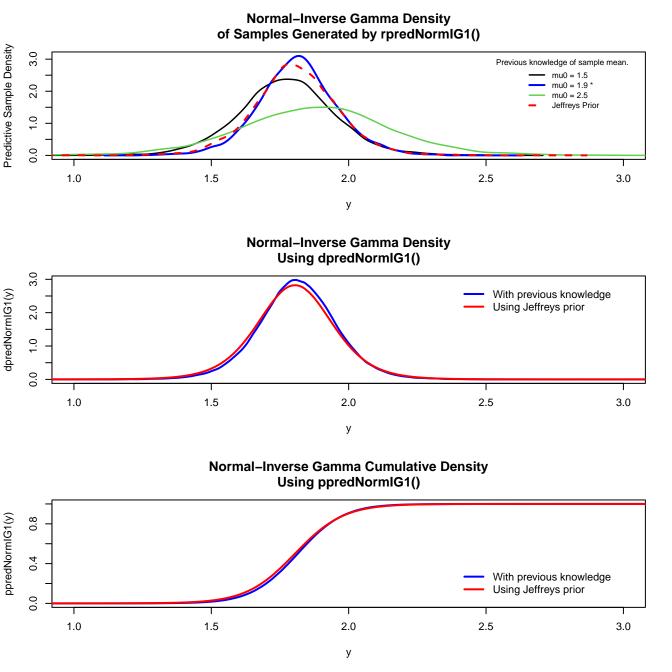


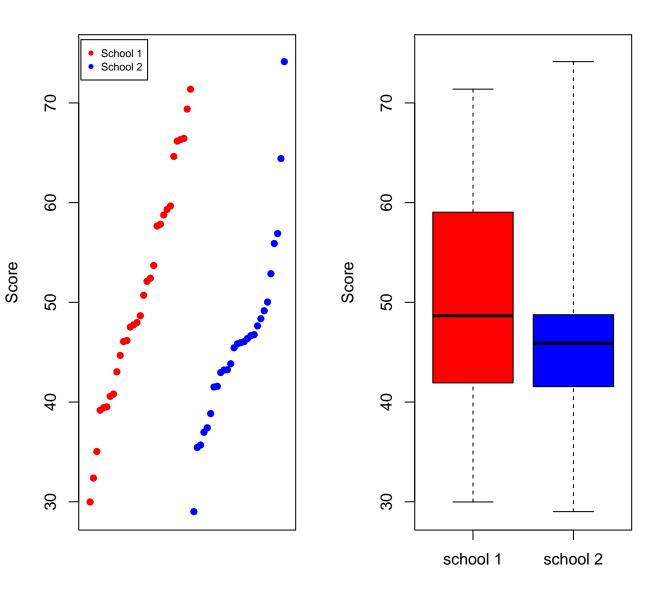
#### Poisson-Gamma Cumulative Predictive Probability



### **Histogram of Predictive Sample**







# Normal-Inverse Gamma 2-Sample Comparison

