true

true

false

false

More sample sizes?

More Weibull distributions?

Plot sample size required to reject H0 against Weibull parameter k

Store result

H0: reject or not (H0: The time to event is exponentially distributed)

Goodness of Fit Test

Select sample size *j* (number of elk detections at one camera)

Select Weibull distribution with shape parameter *k* = *i*

Simulate Data