To determine the strength of the distribution of the data we run a KS test from fitting an exponential distribution to the observed data

#rOf Ovulation AvgBTW\_Ovu Median.Time\_BW\_Ovu Std\_Deviation Pvalue

2015 10 12.78 4 23.93 0.11

2016 14 8.08 8 4.21 0.15

The p-value > 0.05 suggests that the spontaneous ovulation events are occurring at regular intervals following an exponential distribution with rate parameter = 0.16 One-sample Kolmogorov-Smirnov test