

Colony detection time distribution (see raw data file "colony\_detection\_time\_list\_exponential")

1000 colonies

each colony detected at 1000 cells (~ 10 generations)

Cell division time sampled from exponential distribution with average =  $1/\lambda = 3$  (minutes or arbitrary unit)

Same data is plotted with 3 different bin size: 10, 5, 2 min per bin

