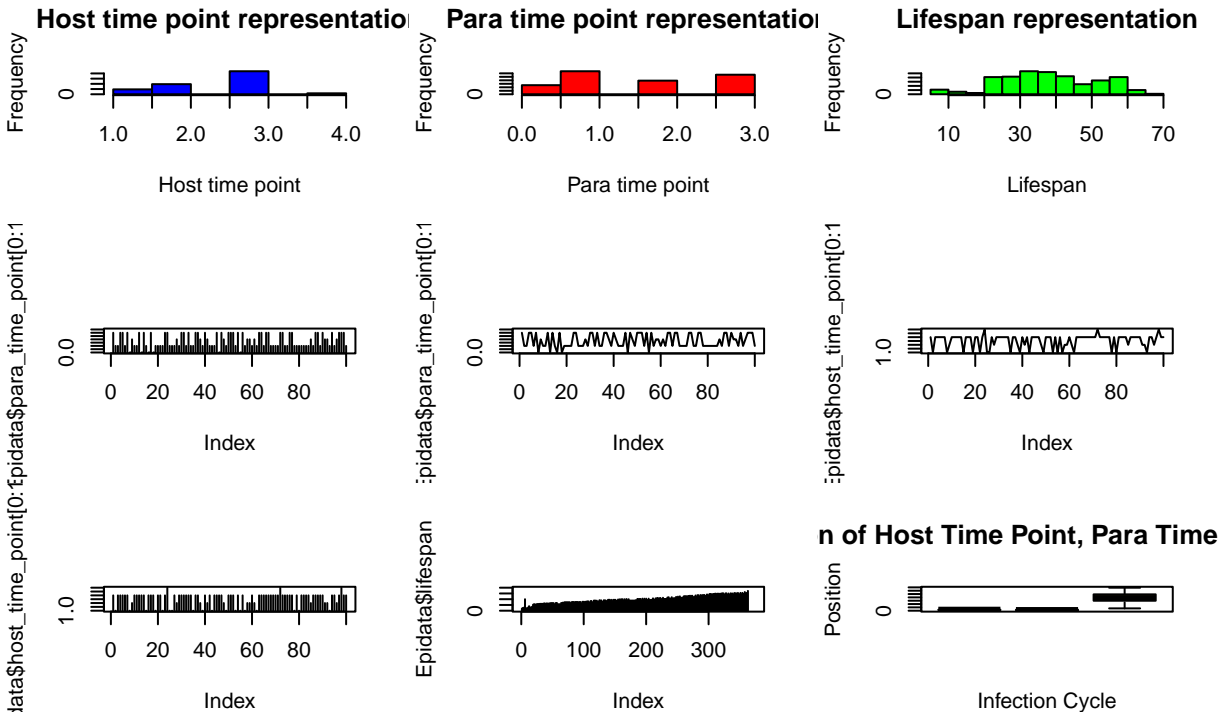


Task 1

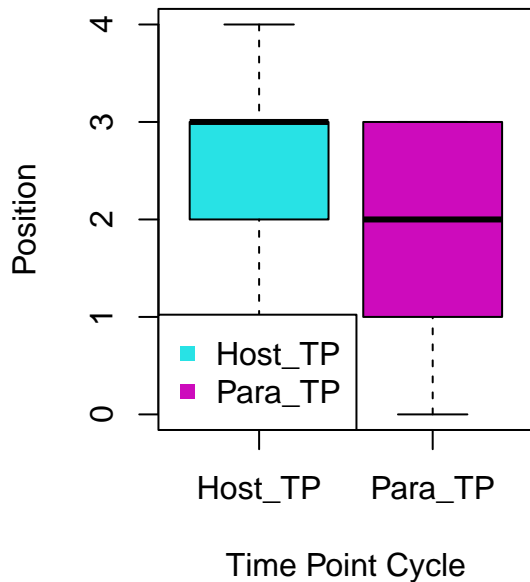
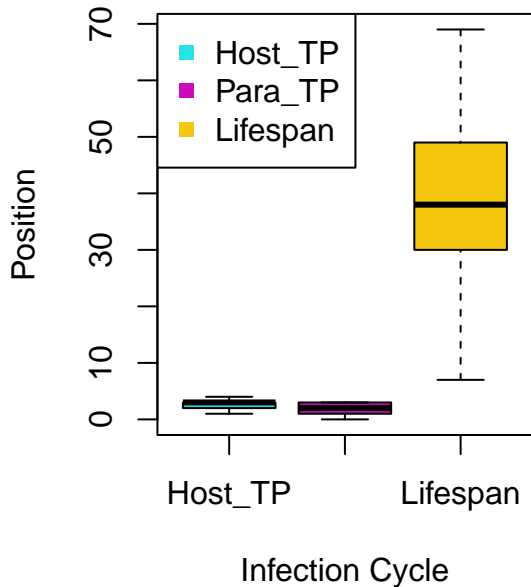
Inferences from analysis on the epidemiology dataset while comparing clone in respect to host time point, and para time point.

It was observed that the host time point moved in a parabolic motion which is equivalent to the bacteria growth curve (from a lag phase to a log phase and adopted a decline phase after attaining a stationary phase), but the para time host was observed to move in an undulating motion, hence, the lower the clone the lower the para time point across board.

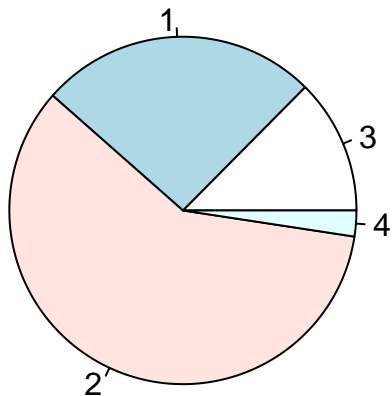
Further confirmation are seen in histogram plots on Page 2, Fig A and B respectively.



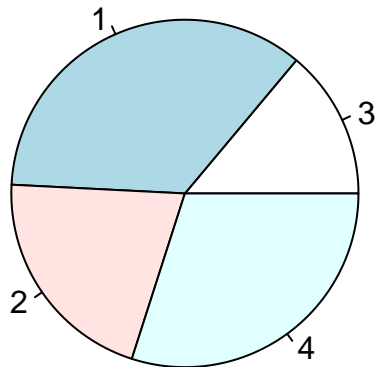
on of Host Time Point, Para Time Pentation of Host Time Point & Para



Pie chart of Host_TP



Pie Chart of Para_TP



Heatmap Plot of Host_TP, Para_TP & Lifespan

