(P2)  
When generating the data of discompliance index, we used the Sigmoid Model.

(P3)

When analyzing the sensitivity of each plan, we innovatively used goodness of fit as an index, as it can reflect the regularity of the data and thus show the sensitivity. The result is that Random is far more sensitive than the other two strategies when measuring standard variance and timestep.

(P4)

When considering the overall time and timestep, the result is similar.

(P5)

We found that both Methods are **Sensitive** which makes a **Big Impact** on **Total Results**, as shown on the graph, the points are irregularly distributed.

(P6)

We use the sigmoid model because it’s commonly used in statistics and its usage can be determined by nature of function.