~Prototype for the metrics module~

What do we need this to do?

* We need this to save a piece of information at every point in time
* We can also save the state matrix at every point in time if space and time efficient

How can we do this?

* After testing saving the entire state matrix, saving it at every time point seems feasible + time and space taken seem to scale linearly
  + One iteration of 10 million rows takes ~23 seconds
    - Each matrix ~300KB
  + One iteration of 1 million rows takes ~2 seconds
    - Each matrix ~3KB
* At the end of the simulation we need to create tables and graphs based on the columns we’re interested in
  + We can do this by creating another function (visualize.m) that allows you to specify an x and y axis variable so that you can graph

Function prototype (visualize.m):

* What sorts of functionality do we need for this function?
  + Need to produce a graph with an x and a y axis that are based on variables contained in the state matrix
* What sorts of pieces of information would we need?
  + Prevalence
  + Incidence
  + Counts