**Networks analysis crib sheet**

**Figure 1:**

Run file: example-epidemic-overlap.R

Generates Bruin\_2014\_epidemic\_overlap.pdf

**Figure 2:**

Run file: graph\_density\_more\_example\_networks.R

Generates network\_traits\_example.pdf

That file is missing the text at the bottom, but the figures match and it seems fine to have it as it is

**Figure 3:**

Run file: graph-density-breadth-expanded.R

Generates fig\_graphdensity\_and\_more.pdf

# NOTE: requires all of the functions in "centrality-lake-functions.R"

source("centrality-lake-functions.R")

**Figure 4:**

Run file: centrality-lake-figs-infdensity-geom.R

Generates fig\_centrality\_geom\_infdensity.pdf

(Table S1 values are also generated by this file)

**Figure 5:**

Run file: centrality-lake-figs-infdensity-geom.R (same R file as for Figure 4)

Generates fig\_AUC\_infhostdensity.pdf

**Figure S1:**

Run file: epidemic\_overlap\_average.R

Generates fig\_centrality\_avg\_epi\_overlap.pdf

**Figure S2:**

Run file: epidemic\_overlap\_average.R (same R file as for Figure S1)

Generates fig\_AUC.pdf