Ideas

Consider removing 2004 data because 1/3 of the grants have teams of one – perhaps at that time only the PI was recorded in the databse?

Types of networks to analyze:

Two-mode:

grant to investigator (network analytics generated for both grants and investigators)

One-Mode:

investigator to investigator (edge means two investigators participated in the same grant; edge weight is the number of grants in which two investigators collaborated with each other)

department to department (edge means two investigators from the two different departments collaborated on the same grant; edge weight is the number of grants in which two investigators from the two departments collaborated with each other)

grant to grant (edge means at least one investigator participated in both grants; edge weight is the number of investigators who collaborated in both grants)

Find the number of granted proposals by department.

Calculate network analytics for investigators in the two-mode network