# Proposal USA

## Results of hypo:

H1 (small world): yes, on the full network

H2 (centrality): yes, independently from how we state the hypo! Ineq\_p is the second most central node in the ggm, and the most central in the ising

H3 (moderation): anger moderates a lot of relationships

H4 (downstream): we have many downstream effects

## Figures:

Figure 1: ggm

A diagram of a network

Description automatically generated

Figure 2: centrality table of ggm

A graph showing the strength of a person

Description automatically generated

Figure3: moderated ggm

Several different types of network

Description automatically generated with medium confidence

Figure 4: combination of ising net and cent tab

A network of words and circles

Description automatically generated with medium confidence

A graph showing the strength of a person

Description automatically generated

Figure 5: simulation

A graph showing the change in sum

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Robustness check: in the previous plot, can variables are truncated at means. Here I show results are robust to more systematic coding. When variables are binarized at value 2 we have:

A graph showing the change in sum

Description automatically generated

When we binarize them at 3 we have:

A graph showing the change in sum

Description automatically generated

If we want to have less figure, we can combine the two centrality table like this:

A graph showing the strength of a company

Description automatically generated