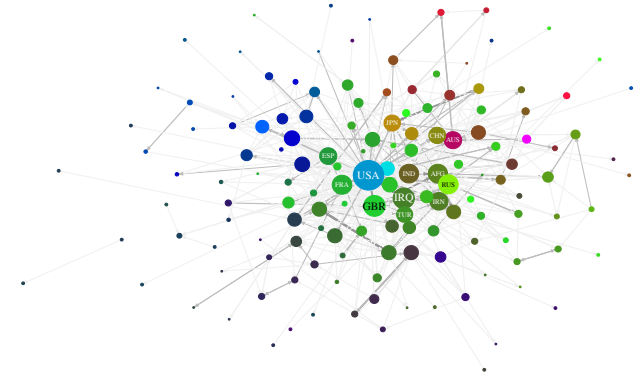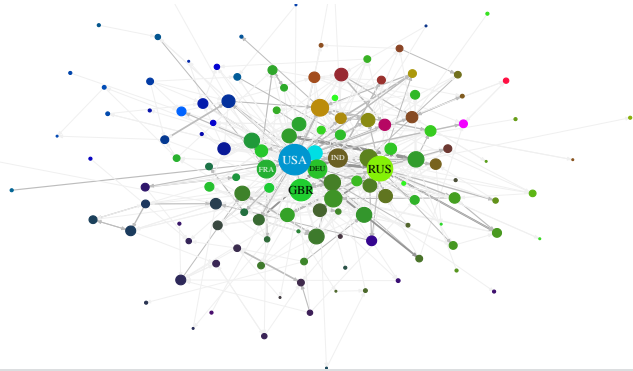# Influence Networks in International Relations
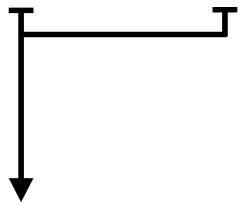
Shahryar Minhas, Peter D. Hoff, & Michael D. Ward

Predicting Evolution of Material Conflict from ICEWS

Social Influence Regression

$$y_{ij,t} = \quad \alpha^T X_{ij,t}\beta \quad + \quad \theta^T z_{ij,t}$$

Estimate effect of endogenous and exogenous covariates

Model heterogeneity in how dyads influence one another

Estimate characteristics of dyadic relationships to explain influence

Novel insights that allow us to better predict material conflict than extant dyadic and network approaches