Codebook for It Takes A Coalition: The Community Impacts of Collaboration

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This document provides the names, descriptions, coding and source for all variables in the datasets that are used in the analyses.

replicationdata.csv

Variable	Description	Coding	Source
st.dist	State postal code and congressional district of each member	ST-District	Congressional Bills Project
net.id	Number assigned to each member in the policy collaboration network	Numeric range from 1-443	Dear Colleagues
member	Full name of each member in the policy collaboration network	lastname.firstname	Dear Colleagues
icpsr.id	Unique ICPSR identifier for member		Congressional Bills Project
party	Party of member	100 for Democrats, 200 for Republicans	Congressional Bills Project
majority	Binary indicator of whether the member is in the majority party	1 for majority, 0 for minority	Congressional Bills Project
elected	Year the member was elected to the House		Congressional Bills Project
seniority	Number of terms the member has served in the House	Numeric range from 1-28 (including 111th Congress)	Congressional Bills Project
st_me	Postal code for member's state		Congressional Bills Project
district	Number for the member's congressional district		Congressional Bills Project
capital	Binary indicator of whether the member's district contains the state capital	1 for capital, 0 otherwise	Coded using maps from census.gov for the 111th Congress
votepctp	Percentage of the vote received in the 2008 general election	Rounded to the nearest whole percentage point (includes 3rd party candidates)	fec.gov

deleg_size	Number of representatives for the state	Numeric range from 1-53	Congressional Bills Project
deleg_size2	Number of other representatives for the state	deleg_size - 1	Congressional Bills Project
singlemember	Binary indicator of whether the member is the only representative for the state	1 for single member states, 0 otherwise	Congressional Bills Project
les	Legislative Effectiveness score for member	Coding details at www.thelawmakers.org	Center for Effective Lawmaking
dw1	First dimension DW-NOMINATE score for member	Coding details at www.voteview.com	Congressional Bills Project
dw2	Second dimension DW-NOMINATE score for member	Coding details at www.voteview.com	Congressional Bills Project
billsintro	Number of bills introduced by the member in the 111th Congress		Congressional Bills Project
degree	Degree centrality of the member within the policy collaboration network		Dear Colleagues
degree110	Degree centrality of the member who represented that district in the 110th Congress	For returning members, this is their degree centrality in the previous Congress. For first term members, this is the degree centrality of their predecessor	Dear Colleagues
lettercount	Number of Dear Colleague letters signed by member in the 111th Congress.		Dear Colleagues
wdegree	Weighted degree centrality of the member within the policy collaboration network		Dear Colleagues
between	Betweenness centrality of the member within the policy collaboration network		Dear Colleagues
evc	Eigenvector centrality of the member within the policy collaboration network		Dear Colleagues
evc_std	Standardized eigenvector centrality	evc standardized to mean 0 and s.d. 1	Dear Colleagues

evc110	Eigenvector centrality of the member who represented that district in the 110th Congress	For returning members, this is their eigenvector centrality in the previous Congress. For first term members, this is the eigenvector centrality of their predecessor	Dear Colleagues
federal_action_obligation	Total amount of federal grant money allocated to the district	Based on place of performance, in US dollars	usaspending.gov
index	Total number of grants allocated to the district	Based on place of performance	usaspending.gov
logobligated	Logged value of total federal grant money	Natural log of federal_action_obligation	usaspending.gov
avgobligated	Average federal grant allocated to the district	federal_action_obligation divided by index	usaspending.gov
logavgobligated	Logged value of average federal grant allocated	Natural log of avgobligated	usaspending.gov
totalPopBirthPlace	District Population		Foster-Molina
under10k-over200k	Percent of the district population that falls into each income bracket		Foster-Molina
meanIncome	Mean income of district population		Foster-Molina
medianIncome	Median income of district population		Foster-Molina
prcntUnemp	Unemployment rate in the district		Foster-Molina
prcntBA	Percent of the district population with a BA or higher		Foster-Molina
prcntHS	Percent of the district population with a high school degree or higher		Foster-Molina
cospindeg	In-degree centrality of the member in the House cosponsorship network		Victor
cospoutdeg	Out-degree centrality of the member in the House cosponsorship network		Victor
cospwin	Weighted in-degree centrality of the member in the House cosponsorship network		Victor

cospwout	Weighted out-degree centrality of the member in the House cosponsorship network	Victor
cospeig	Eigenvector centrality of the member in the House cosponsorship network	Victor
letterevc	Eigenvector centrality of the member in a policy collaboration network drawn only from Dear Colleagues soliciting signatures on a letter	Dear Colleagues
letterdegree	Degree centrality of the member in a policy collaboration network drawn only from Dear Colleagues soliciting signatures on a letter	Dear Colleagues

Sources

Center for Effective Lawmaking:
Volden, Craig and Alan E. Wiseman. 2014. "Legislative Effectiveness Data (House) from 1973-2018." Center for Effective Lawmaking. https://thelawmakers.org

Congressional Bills Project:
Adler, E. Scott and John Wilkerson, Congressional Bills Project: 1999-2010, NSF 00880066 and 00880061. http://www.congressionalbills.org/

Dear Colleagues:
Dear Colleague letters were collected individually in Washington, DC by Craig. A python script was used to scrape the email header data (date/time sent, sender, subject, body) from each file and identify the members who signed each letter. Substantial coding/cleaning of the data was done by hand to identify members who signed letters with unconventional formatting and ensure only valid signatures are counted. An online database of Dear Colleague letters is forthcoming.

fec.gov:
Federal Election Commission. 2009. "Federal Elections 2008: Election Results for the U.S. President, the U.S. Senate and the U.S. House of Representatives." Technical Report
https://www.fec.gov/resources/cms-content/documents/federalelections2008.pdf

Foster-Molina:
Foster-Molina, Ella. 2016. "Legislative and District Data 1972-2013." Harvard Dataverse
https://doi.org/10.7910/DVN/CI2EPI.

usaspending.gov:
Federal grant data was downloaded from usaspending.gov, which records every federal contract, grant, loa, and other financial assistance awards of more than $25,000. Data was subset to include only grants and aggregated by congressional district.

Victor:
Victor, Jennifer Nicoll. 2018. “Cosponsorship Data.” http://jvictor.gmu.edu/index.php/data-download/