Data Codebook:

FAADS Krause & Zarit Project

Variable Name: Description

1. yearquarter: the year and quarter associated with each grant outlay.
   Source: FAADS. Federal Assistance Award Data System (FAADS) data gathered from (accessed on 11/30/2016): https://www.archives.gov/research/electronic-records/reference-report/federal-contracts.html

2. grant_id: generated unique identifier for each grant.

3. Fed_fund_abs: the absolute value of the federal funding amount for a grant. Source: FAADS.

4. Change_countqtr: the number of changes made to a grant in a specific quarter.

5. Cdfa_prog_num: Program number assigned to a grant in the FAADS database. Source: FAADS.

6. sai_num: state application identifier number, denotes if the program being reported is not subject to state review. Source: Federal Assistance Award Data System (FAADS) data gathered from (accessed on 11/30/2016): https://www.archives.gov/research/electronic-records/reference-report/federal-contracts.html

7. recip_name: name of the recipient of the grant. If won by multiple recipients, this field will say, "Multiple Recipients." Source: Federal Assistance Award Data System (FAADS) data gathered from (accessed on 11/30/2016): https://www.archives.gov/research/electronic-records/reference-report/federal-contracts.html

8. recip_city_code: five-digit FIPS city code.

9. recip_city_name: name of the city where the grant recipient is located.

10. recip_county_code: FIPS code for the county

11. recip_county_name: the name of the county of the recipient.

12. recip_state_code: the code for the state of the recipient.

13. recip_zip: the zip code of the recipient.

14. Type_of_recip: two-digit code for the type of recipient

    a. 00 = state government
    b. 01 = county government
    c. 02 = city or township government
    d. 04 = special district government
    e. 05 = independent school district
    f. 06 = state controlled institution of higher education
    g. 11 = Indian tribe
    h. 12 = other nonprofit
    i. 20 = private higher education
    j. 21 = individual
    k. 22 = profit organization
    l. 23 = small business
    m. 25 = all other

15. type_of_action: description of the grant action for each record
    a. A = new assistance
    b. B = continuation of previous award
    c. C = revision
    d. D = funding adjustment to completed project

16. recip_cong_dis: the congressional district associated with the recipient

17. fed_agency_unit: FIPS code identifying the agency or bureau associated with the award

18. fed_award_id_core: 20-digit code identifying the awards. The first 16 digits are the core number, and the final four indicate the modification number.

19. fed_award_id_mod: modification number assigned in the FAADS database.

20. fed_fund_amount: dollar amount of the award provided by the federal government.

21. non_fed_fund_amount: all reported non-federal funding.

22. total_funding_amount: total amount of grant

23. action_date: date of the grant action

24. start_date: overall start date of the grant

25. end_date: overall end date of the grant

26. type_of_grant: type of assistance

    a. 02 = block grant
    b. 03 = formula grant
    c. 04 = project grant
    d. 05 = cooperative agreement
    e. 06 = direct payment for specified use
    f. 07 = direct loan
    g. 08 = guaranteed/insured loan
    h. 09 = insurance
    i. 10 = direct payment with unrestricted use
    j. 11 = other assistance

27. record_type: assigned by FAADS indicated if a record was county aggregate reporting (1) or action-by-action reporting (2).

28. Late_correct: indication if there was a correction made to a record.

29. Fy_qtr_correct: fiscal year and quarter of the correction.

30. pop_code: place of performance code

31. pop_state: place of performance state

32. pop_city: place of performance city

33. cfda_prog_title: program name

34. federal_agency: name of the agency associated with the award

35. recip_state_name: full name of the state of the recipient

36. project_desc: a brief description of the project.

37. agency_total: total amount in dollars for grants in a given year.

38. agency_new: total amount of new dollars in a given year.

39. state_county_code: combined codes for state and county.

40. year: year of the award

41. quarter: quarter of the award

42. subagency: Krause/O'Connell agency code (see sbagency below for more detail).

43. agency: Krause/O'Connell agency code (see sbagency below for more detail).

44. name: name of the agency

45. subagency_year: code of the subagency and the year of the award

46. careerses: the number of Career Senior Executive Service employees were present in an agency for a given year. Sources: 1988 – 2004: The Politics of Presidential Appointments; Lewis, D. E.; 2008, Princeton, NJ : Princeton University Press. https://my.vanderbilt.edu/davidlewis/data/; 2005 – 2008: OPM data provided by Matthew Dull.

47. noncareerses: the number of Noncareer Senior Executive Service employees present in an agency for a given year. Sources: Lewis (2008), and FedScope, accessed on January 27, 2017 (www.fedscope.opm.gov).

48. pas: the number of political appointees in a given agency and year. Sources: 1988 – 2004: The Politics of Presidential Appointments; Lewis, D. E.; 2008, Princeton, NJ : Princeton University Press. https://my.vanderbilt.edu/davidlewis/data/; 2005 – 2008: OPM data provided by Matthew Dull.

49. schc: the number of Schedule C appointees in a given agency and year. Sources: 1988 – 2004: The Politics of Presidential Appointments; Lewis, D. E.; 2008, Princeton, NJ : Princeton University Press. https://my.vanderbilt.edu/davidlewis/data/; 2005 – 2008: OPM data provided by Matthew Dull.

50. admin: the number of administrative employees in a given agency and year. Sources: 1988 – 2004: The Politics of Presidential Appointments; Lewis, D. E.; 2008, Princeton, NJ : Princeton University Press. https://my.vanderbilt.edu/davidlewis/data/; 2005 – 2008: OPM data provided by Matthew Dull.

51. prof: the number of professional employees in a given agency and year. Sources: 1988 – 2004: The Politics of Presidential Appointments; Lewis, D. E.; 2008, Princeton, NJ : Princeton University Press. https://my.vanderbilt.edu/davidlewis/data/; 2005 – 2008: OPM data provided by Matthew Dull.

52. tech: the number of technical employees in a given agency and year. Sources: 1988 – 2004: The Politics of Presidential Appointments; Lewis, D. E.; 2008, Princeton, NJ : Princeton University Press. https://my.vanderbilt.edu/davidlewis/data/; 2005 – 2008: OPM data provided by Matthew Dull.

53. cler: the number of clerical employees in a given agency and year. Sources: 1988 – 2004: The Politics of Presidential Appointments; Lewis, D. E.; 2008, Princeton, NJ : Princeton University Press. https://my.vanderbilt.edu/davidlewis/data/; 2005 – 2008: OPM data provided by Matthew Dull.

54. totalemp: the total number of employees in a given agency and year. Sources: 1988 – 2004: The Politics of Presidential Appointments; Lewis, D. E.; 2008, Princeton, NJ : Princeton University Press. https://my.vanderbilt.edu/davidlewis/data/; 2005 – 2008: OPM data provided by Matthew Dull.

55. fips_year: combination of the fips code and the year for the grant.

56. Corecounty1xcompstate = core county interacted with competitive state. Source: Kriner, Douglas; Reeves, Andrew, 2016, "Replication Data for: Presidential Particularism and Divide-the-Dollar Politics", doi:10.7910/DVN/HQXKJ9, Harvard Dataverse, V1, UNF:6:Eb8+OvVykTaeXpiIUzxR5g==

    Accessed on 3/13/2017

57. Corecounty1: core counties that vote reliably for the president. Source: Kriner & Reeves (2015)

58. Compstate: competitive states where the losing presidential candidate has averaged at least 45% of the vote in the prior three elections. Source: Kriner and Reeves (2015)

59. Corestate1: core states that vote reliably with the president. Source: Kriner and Reeves (2015)

60. Fips_state_county_code: the FIPS code used for individual counties. Source: Kriner and Reeves (2015).

61. Stab: state postal abbreviation. Source: Kriner and Reeves (2015)

62. Comploseravglast3: the average percent of the vote for the losing candidate over the past three presidential elections. Source: Kriner and Reeves (2015).

63. Stateincavglast3: the incumbent party vote share in the state for the past three elections. Source: Kriner and Reeves (2015).

64. Election year: the election year for the data. Kriner and Reeves (2015).

65. Leader: whether the member of congress for a particular district was part of the leadership. Kriner and Reeves (2015).

66. Cong_close: whether the congressional race was within 5% points. Kriner and Reeves (2015).

67. Any_chair: if the member of congress for a particular district was a committee chair. Kriner and Reeves (2015).

68. Any_rank: if the member of congress for a particular district was the ranking member of a committee. Kriner and Reeves (2015).

69. Sn_firstterm: if the member of Congress for a particular district is in his or her first term. Kriner and Reeves (2015).

70. Republican: if the district is represented by a Republican. Kriner and Reeves (2015).

71. Pcincomecd: per capita income for a particular county. Kriner and Reeves (2015).

72. lnnewpop: county population. Kriner and Reeves (2015).

73. Pctpoverty: poverty rate for a particular county. Kriner and Reeves (2015).

74. Corecounty1xcorestate: core county interacted with core states. Kriner and Reeves (2015).

75. Fips: FIPS code for congressional district.

76. Fips_year2: same as Fips_year

77. cong_district: the congressional district that encompassed a plurality of each county. Kriner, D.L. and Reeves, A., 2015. *The Particularistic President: Executive Branch Politics and Political Inequality*. Cambridge University Press.

    Data provided by Doug Kriner via email on 1/18/2017.

78. State: state associated with a congressional district

79. Congress: number of the congressional term.

80. state_district_congress: identifier used as a link

81. party_code: 100 = Democrat, 200 = Republican.
    Source: Poole, Lewis, and Rosenthal: http://voteview.com/dwnl.htm

82. stdim: 1st dimension coordinate.
    Source: Poole, Lewis, and Rosenthal: http://voteview.com/dwnl.htm

83. nddim: 2nd dimension coordinate.
    Source: Poole, Lewis, and Rosenthal: http://voteview.com/dwnl.htm

84. stdimboot: 1st dimension coordinate boostrapped standard error.
    Source: Poole, Lewis, and Rosenthal: http://voteview.com/dwnl.htm

85. nddimboot: 2nd dimension coordinate bootstrapped standard error.
Source: Poole, Lewis, and Rosenthal: http://voteview.com/dwnl.htm

86. cor: correlation between 1st and 2nd dimension bootstrapped estimates.
Source: Poole, Lewis, and Rosenthal: http://voteview.com/dwnl.htm

87. log_likli: log likelihood.
Source: Poole, Lewis, and Rosenthal: http://voteview.com/dwnl.htm

88. geo_mean: geometric mean probability.
Source: Poole, Lewis, and Rosenthal: http://voteview.com/dwnl.htm

89. house_app: member of the House Appropriations Committee.
Sources: 97th – 102nd Congress: Garrison Nelson, Committees in the U.S. Congress, 1947-1992.

103rd – 113th Congress: Charles Stewart III and Jonathan Woon. Congressional Committee Assignments, 103rd to 114th Congresses, 1993—2017. http://web.mit.edu/17.251/www/data_page.html accessed: 1/19/2017.

90. house_ways: member of the House Ways and Means Committee.
Sources: 97th – 102nd Congress: Garrison Nelson, Committees in the U.S. Congress, 1947-1992.

103rd – 113th Congress: Charles Stewart III and Jonathan Woon. Congressional Committee Assignments, 103rd to 114th Congresses, 1993—2017. http://web.mit.edu/17.251/www/data_page.html accessed: 1/19/2017.

91. house_majority: member of the House majority party.

97th – 102nd Congress: Garrison Nelson, Committees in the U.S. Congress, 1947-1992.

103rd – 113th Congress: Charles Stewart III and Jonathan Woon. Congressional Committee Assignments, 103rd to 114th Congresses, 1993—2017. http://web.mit.edu/17.251/www/data_page.html accessed: 1/19/2017.

92. pres_party: member of the president's party.

Source: Poole, Lewis, and Rosenthal: http://voteview.com/dwnl.htm

93. fips_state: state based on the FIPS code

94. state_abr: two letter abbreviation for the state

95. chair: denotes if the member of congress for a district is a committee chair

96. ranking: denotes if the member of congress for a district is the ranking member

97. agency_name: name of the agency.

98. Selin_est_1: estimate of the independence of decision makers in a given agency or bureau.
Source: Jennifer Selin, from: **"What Makes an Agency Independent?"** *American Journal of Political Science* **59(4):971-987 (2015).**
http://publish.illinois.edu/jselin/data/
Accessed: 1/19/2017

99. Std. Dev.: standard deviation of the estimate for Dimension 1. Source: Selin.

100. D1_2.5% CI: Standard deviation of the Dimension 1 estimate multiplied by 1.96 and then subtracted from the estimate to determine the 2.5% confidence interval. Source: Selin.

101. D1_97.5% CI: Standard deviation of the Dimension 1 estimate multiplied by 1.96 and then added to the estimate to determine the 97.5% confidence interval. Source: Selin.

102. D1_insulation: 1 if the both confidence intervals are positive, 0 if one interval is positive and one is negative, and -1 if both are negative.

103. Selin_est_2: Estimate (Dimension 2): estimate of the independence of policy decisions. Source: Selin.

104. Stddev2.: standard deviation of the estimate for Dimension 2. Source: Selin.

105. D2_2.5% CI: Standard deviation of the Dimension 2 estimate multiplied by 1.96 and then subtracted from the estimate to determine the 2.5% confidence interval. Source: Selin.

106. D2_97.5% CI: Standard deviation of the Dimension 2 estimate multiplied by 1.96 and then added to the estimate to determine the 97.5% confidence interval. Source: Selin.

107. D2_insulation: 1 if the both confidence intervals are positive, 0 if one interval is positive and one is negative, and -1 if both are negative.

108. averaged: an indicator for when the average between an initial insulation score and the current score from Selin's ratings. NOTE: THIS IS NOT THE WEIGHTED VERSION. THIS WILL BE CREATED WHEN DATABASE IS A MANAGEABLE SIZE.

109. Subagency_time: combination of subagency and time indicator.

110. Year_qtr: combination of year and quarter.

111. obsident: observation identifier for Krause-O'Connell records.

112. indident: individual identifier for Krause-O'Connell records.

113. position: current position level of job:
   a. 1 = Secretary (Attorney General)
   b. 2 = Administrator/Director (of full stand-alone agency)
   c. 3 = Administrator/Director (of part of agency or sub-agency)
   d. 4 = Commissioner
   e. 5 = Board Member
   f. 6 = Deputy Secretary (Deputy Attorney General) or General Under Secretary
   g. 7 = Under Secretary (not General Under Secretary)
   h. 8 = Assistant Secretary (Assistant Attorney General)
   i. 9 = Deputy Administrator/Deputy Director
   j. 10 = Military Branch Secretary
   k. 11 = Undersecretary and Director/Administrator (of part of agency or sub-agency)
   l. 12 = Assistant Secretary and Director/Administrator (of part of agency or sub-agency)
   m. 13 = Chairman
   n. 19=Other

114. agency3: main department/agency:

   a. 1 = Department of Agriculture
   b. 2 = Department of Commerce
   c. 3 = Department of Defense
   d. 7 = Department of Education
   e. 8 = Department of Energy
   f. 9 = Department of Health and Human Services
   g. 11 = Department of Homeland Security
   h. 12 = Department of Housing and Urban Development
   i. 13 = Department of the Interior
   j. 14 = Department of Justice
   k. 15 = Department of Labor
   l. 16 = Department of State
   m. 17 = Department of Transportation
   n. 18 = Department of the Treasury
   o. 19 = Department of Veterans Affairs/Veterans Affairs Administration
   p. 20 = Central Intelligence Agency
   q. 21 = Environmental Protection Agency

r. 22 = Federal Emergency Management Agency (as a freestanding agency, before 2003)
s. 23 = General Services Administration
t. 24 = National Aeronautics and Space Administration
u. 25 = Small Business Administration
v. 26 = Social Security Administration
w. 27 = U.S. Agency for International Development
x. 28 = United States Information Agency/Broadcasting Board of Governors
y. 29 = Office of Management and Budget
z. 30 = Office of the U.S. Trade Representative
aa. 32 = Civil Aeronautics Board
bb. 33 = Consumer Product Safety Commission
cc. 34 = Equal Employment Opportunity Commission
dd. 35 = Federal Communications Commission
ee. 37 = Federal Election Commission
ff. 38 = Federal Energy Regulatory Commission
gg. 40 = Federal Reserve System
hh. 41 = Federal Trade Commission
ii. 42 = Interstate Commerce Commission
jj. 43 = National Labor Relations Board
kk. 44 = National Transportation Safety Board
ll. 45 = Nuclear Regulatory Commission (formerly the Atomic Energy Commission)
mm. 49 = Securities and Exchange Commission

115. sbagency: Sub-agency (or agency) where appointee served. If there is no sub-department or sub-agency, this variable should be identical to Department/Agency. Thus, all entries for SEC should be coded 49 here as well.

a. 4 = Department of the Army
b. 5 = Department of the Air Force
c. 6 = Department of the Navy
d. 50 = Census, part of Department of Commerce
e. 51 = Center for Medicaid and Medicare Services, part of Department of Health and Human Services
f. 52 = Drug Enforcement Administration, part of Department of Justice
g. 53 = Federal Aviation Administration, part of Department of Transportation
h. 54 = Food and Drug Administration, part of Department of Health and Human Services
i. 55 = Federal Emergency Management Agency, part of Department of Homeland Security (2003 and later)
j. 56 = Internal Revenue Service, part of Department of Treasury
k. 57 = National Highway Transportation and Safety Administration, part of Department of Transportation
l. 58 = National Institutes of Health, part of Department of Health and Human Services
m. 59 = National Institute of Standards and Technology, part of Department of Commerce

n. 60 = National Oceanic and Atmospheric Administration, part of Department of Commerce
o. 61 = Patent and Trademark Office, part of Department of Commerce

116. **OPM Number**: Position number provided to job by OPM, modified to make one position for all members (non-chairpersons) of an IRC and to combine different titles of the same position in executive agencies

a. DAEX00001 = Secretary of Agriculture
b. DAEX00002 = Deputy/Under Secretary of Agriculture
c. DAEX00021 = Under Secretary for Food, Nutrition, and Consumer Services
d. DAEX00026 = Under Secretary for Food Safety
e. DCEX00001 = Secretary of Commerce
f. DCEX00002= Deputy/Under Secretary of Commerce
g. DCEX00033 = Under Secretary for Export Administration; Under Secretary for Industry and Security
h. DCEX00030 = Assistant Secretary for Trade Development/Trade Promotion; Assistant Secretary for Manufacturing and Services
i. DCEX00018 = Director of National Institute of Standard and Technology
j. DCEX00012 = Director of Census
k. DCEX00014 = Under Secretary for Oceans and Administrator of NOAA
l. DCEX00017 = Under Secretary for IP and Director of PTO/Commissioner of Patents and Trademarks
m. DDEX00291 = Secretary of Defense
n. DDEX00219 = Deputy/Under Secretary of Defense
o. DWEX00001 = Secretary of the Army
p. DFEX00170 = Secretary of the Air Force
q. DNEX00001 = Secretary of the Navy
r. DDEX00862 = Under Secretary for Acquisition, Technology and Logistics
s. DDEX00201 = Director, Defense Research and Engineering
t. DDEX00628= Assistant Secretary for Command, Control, Communications, and Intelligence
u. DDEX01014 = Under Secretary of Defense/Comptroller
v. DBEX00001 = Secretary of Education
w. DBEX00002 = Deputy/Under Secretary of Education
x. DBEX00003 = Assistant Secretary for Elementary and Secondary Education
y. DBEX00004 = Assistant Secretary for Post-Secondary Education
z. DBEX00005 = Assistant Secretary for Vocational and Adult Education
aa. DBEX00006 = Assistant Secretary for Special Education and Rehabilitative Services
bb. DBEX00009 = Assistant Secretary for Educational Research and Improvement
cc. DEEX00001 = Secretary of Energy
dd. DEEX00002 = Deputy/Under Secretary of Energy
ee. DEEX00033 = Assistant Secretary for Environmental Management; Assistant Secretary for Management
ff. DHEX00001 = Secretary of Health and Human Services
gg. DHEX00024 = Deputy/Undersecretary of Health and Human Services

hh. DHEX00022 = Commissioner of the Food and Drug Administration
ii. DHEX00011 = Director of NIH
jj. DHEX00020= Administrator of Health Care Financing Administration/Center for Medicare and Medicaid Services
kk. DHEX00025 = Assistant Secretary for Children and Families
ll. DMEX00001 = Secretary of Homeland Security
mm. DMEX09001 = Deputy/Under Secretary of Homeland Security
nn. EMEX00001 = Administrator of FEMA
oo. DUEX00003 = Secretary of Housing and Urban Development
pp. DUEX00004 = Deputy/Under Secretary of Housing and Urban Development
qq. DUEX00007 = Assistant Secretary for Housing and Federal Housing Commissioner
rr. DIEX00001 = Secretary of the Interior
ss. DIEX00003 = Deputy/Under Secretary of the Interior
tt. DJEX01000 = Attorney General
uu. DJEX01001 = Deputy Attorney General
vv. DJEX01003 = Solicitor General
ww. DJEX01012 = Assistant Attorney General for Antitrust
xx. DJEX01022 = Administrator of DEA
yy. DLEX00001 = Secretary of Labor
zz. DLEX00002 = Deputy/Under Secretary of Labor
aaa. DLEX00009 = Assistant Secretary for Occupational Safety and Health
bbb. DLEX00016 = Assistant Secretary for Pension and Welfare Benefits
ccc. DLEX00006 = Assistant Secretary for Employment and Training
ddd. DSEX00024 = Secretary of State
eee. DSEX00005 = Deputy/Under Secretary of State
fff. DSEX00013 = Under Secretary for Political Affairs
ggg. DSEX00065 = Under Secretary for Arms Control and International Security Affairs
hhh. DTEX00001 = Secretary of Transportation
iii. DTEX00002 = Deputy/Under Secretary of Transportation
jjj. DTEX05001 = Administrator of NHTSA
kkk. DTEX02001 = Administrator of FAA
lll. DYEX00001 = Secretary of the Treasury
mmm. DYEX00002 = Deputy/Under Secretary of the Treasury
nnn. DYEX00014 = Commissioner of IRS
ooo. DYEX00010 = Assistant Secretary for Economic Policy
ppp. DYEX00008 = Assistant Secretary for Tax Policy
qqq. DYEX00022 = Assistant Secretary for Financial Markets
rrr. DYEX00011 = Assistant Secretary for Financial Institutions
sss. DVEX00001 = Secretary of Veterans Affairs
ttt. DVEX00002 = Deputy/Under Secretary of Veterans Affairs
uuu. DVEX00001 = Administrator of the Veterans Administration (before 1989)
vvv. DVEX00002 = Deputy Administrator of the Veterans Administration (before 1989)
www. CIEX00002 = Director of Central Intelligence Agency

xxx. CIEX00001 = Deputy Director of Central Intelligence Agency
yyy. EPEX00001 = Administrator of Environmental Protection Agency
zzz. EPEX00002 = Deputy Administrator of Environmental Protection Agency
aaaa. GSEX00001 = Administrator of General Services Administration
bbbb. NNEX00001 = Administrator of the National Air and Space Administration
cccc. NNEX00002 = Deputy Administrator of National Aeronautics and Space Administration
dddd. SBEX00001 = Administrator of Small Business Administration
eeee. SBEX00004 = Deputy Administrator of Small Business Administration
ffff. SZEX00001 = Commissioner of Social Security Administration
gggg. SZEX00003 = Deputy Commissioner of Social Security Administration
hhhh. IMEX00004 = Administrator of the U.S. Agency for International Development (USAID)
iiii. IMEX00008 = Deputy Administrator of US Agency for International Development
jjjj. IBEX00001 = Director of United States Information Agency; Director of Broadcasting Board of Governors
kkkk. BOEX00001 = Director of the Office of Management and Budget
llll. TNEX03002 = U.S. Trade Representative
mmmm. CAEX00002x = Member of Civil Aeronautics Board
nnnn. PSEX00002x = Commissioner of Consumer Product Safety Commission
oooo. PSEX00001 = Chairman of Consumer Product Safety Commission
pppp. EEEX00002x = Member of Equal Employment Opportunity Commission
qqqq. FCEX00002x = Commissioner of Federal Communications Commission
rrrr. FEEX00002x = Commissioner of Federal Election Commission
ssss. DREX00002x = Member of Federal Energy Regulatory Commission
tttt. RFEX00001 = Chairman of Federal Reserve
uuuu. RFEX00007 = Governor of Federal Reserve
vvvv. FTEX00002x = Commissioner of Federal Trade Commission
wwww. ICEX00002x = Commissioner of Interstate Commerce Commission
xxxx. NLEX00002x = Member of National Labor Relations Board
yyyy. TBEX00003x = Member of National Transportation Safety Board
zzzz. NUEX00002x = Commissioner of Nuclear Regulatory Commission
aaaaa. SEEX00002x = Commissioner of Securities and Exchange Commission

117. **Last name**: Last name of appointee. No transformation needed.

118. **Birth/Maiden name:** Maiden name of appointee. No transformation needed. List if available and only if different.

119. **First/Middle name**: First/middle names of appointee. No transformation needed.

120. **pesident**: state of residence for the appointee.

121. **prestate**: same state as the president indicator.

122. **party**: ***of appointed bureaucratic leader ???***

123. **President:** Appointing President

a. 1 = Carter

b. 2 = Reagan

c. 3 = G.H.W. Bush (Bush, 41)

d. 4 = Clinton

e. 5 = G.W. Bush (Bush, 43)

f. If unknown, leave blank

124. **Reappointed:** Dummy variable for fixed-term and non-fixed-term positions. Code according to whether appointee was reappointed to same position.

a. 1 = reappointed (formally or by function of staying over 193 days past scheduled end date for fixed term or until August 1 of inauguration year for non-fixed term)

b. 0 = not reappointed

c. 999 = not applicable/at-will position (leave rest of Reappointed variables blank)

d. If unknown, leave blank

125. **Reappointed (number):** Specify the number of times the appointee had been reappointed (up to dates of service being coded now). *In other words, if the appointee was reappointed three times, there will be four observations for that appointee*. For the first observation, this variable will be 0; for the second, it will be 1; for the third, it will be 2; and for the fourth, it will be 3. If appointee was never reappointed, code as 0. Nixon and Ford are treated as one for non-fixed term appointees. Thus, a Nixon appointee held over by Carter would have this variable as coded as 1. If unknown, leave blank.

126. **Reappointed (administration):** Transform using:

a. 0 = no reappointment

b. 1 = reappointed by the same administration as originally appointed the appointee

c. 2 = reappointed by a different administration of the same party as the original appointing administration

d. 3 = reappointed by opposite partisan administration

e. If unknown, leave blank

127. **Chairman (Presidential Choice):** Role as designated chairman during term

a. 0 = if neither appointed nor designated chairman by President during appointed term

b. 1 = if either appointed or designated chairman by President at some point during appointed term

c. If unknown, leave blank

128. **Chairmanship (start date):** Beginning of term as chairman

a. Specify date of beginning of term as acting/appointed chairman of commission as mm/dd/yyyy.

b. If unknown, leave blank.

Note: Chair dates modified to match a specific date based on the raw IRC database for the following records: 135, 136, 141, 141, 156, 157.

c.

129. **Chairmanship (end date):** End of term as chairman

a. Specify date of end of term as acting/appointed chairman of commission as mm/dd/yyyy.

b. If unknown, leave blank

130. Chairmanship (start month):

a. Specify month for start of term as acting/appointed chairman of commission.

b. If unknown, leave blank

131. Chairmanship (start year):

a. Specify year for start of term as acting/appointed chairman of commission.

b. If unknown, leave blank

132. Chairmanship (end month):

a. Specify month for end of term as acting/appointed chairman of commission.

b. If unknown, leave blank

133. Chairmanship (end year):

a. Specify year for end of term as acting/appointed chairman of commission.

b. If unknown, leave blank

134. **Confirmed:** Confirmation date

a. Specify date of confirmation as mm/dd/yyyy

b. If unknown, leave blank

135. **Start:** Start date

a. Specify date of beginning of service in confirmed post as mm/dd/yyyy

b. If unknown, leave blank

136. **End:** End date

a. Specify date of end of service in confirmed post as mm/dd/yyyy. Note: For holdover appointees, either the presidential inauguration date for executive branch appointees, or scheduled end of term date (i.e., variable **Error! Reference source not found.**) for IRC appointees.

b. If still serving, list as 9999

c. If unknown, leave blank

137. End (Final): Final End Date of Service

a. Specify final end date of service in specific position as mm/dd/yyyy. The value for this variable is identical to the value appearing in variable 136, except for appointee holdovers who stay at least 193 days beyond their "scheduled end of term" end date. For such holdovers, this variable takes the value for the end of the holdover period for both the original appointment and the holdover appointment. In other words, the values for this variable and variable 136 will differ only in the row directly above/preceding the holdover row (see variable **Error! Reference source not found.**) for a given appointee.

b. If unknown, leave blank

c. If still serving as of 01/20/2009, code as 9999 for executive branch appointees, unless you know the end date from OPM data or other sources.

138. **End (Total): Final Date of Service** (for *all* contiguous appointments in a for a particular position in a given agency)

a. Specify the latest final end date of service (variable 137) for an appointee in a given position, over all contiguous service in that position. If there is only one row for that appointee, this date is identical to the date in variable 137 for that row. If there are multiple rows for the appointee in that position, this date is the latest one. Thus, all rows for the appointee will have the same date for this variable.

b. Code as 9999 if still serving in office

139. Endtot: total amount of time served.

140. schedend: the time scheduled for a given appointment to end.

141. prespty: indicator if the nominee is also a member of the prsident's party.

142. Irc: dummy variable indicating if the agency is an independent regulatory commission.

143. **exec:** indicator if the appointee is part of an executive agency.

144. **loyalmedian:** Bayesian Posterior Median Estimate of *Loyalty* latent trait.

145. **loyalsd:** Bayesian Posterior Standard Deviation Estimate of *Loyalty* latent trait.

146. **loyal25lcl:** Bayesian Posterior 2.5 Percentile Estimate of *Loyalty* latent trait.

147. **loyal975ucl:** Bayesian Posterior 97.5 Percentile Estimate of *Loyalty* latent trait.

148. **mecompmedian:** Bayesian Posterior Median Estimate of *Managerial Competence* latent trait.

149. **mecompsd:** Bayesian Posterior Standard Deviation Estimate of *Managerial Competence* latent trait.

150. **mecomp25lcl:** Bayesian Posterior 2.5 Percentile Estimate of *Managerial Competence* latent trait.

151. **mecomp975ucl:** Bayesian Posterior 97.5 Percentile Estimate of *Managerial Competence* latent trait.

152. **pecompmedian:** Bayesian Posterior Median Estimate of *Policy Competence* latent trait.

153. **pecompsd:** Bayesian Posterior Standard Deviation Estimate of *Policy Competence* latent trait.

154. **pecomp25lcl:** Bayesian Posterior 2.5 Percentile Estimate of *Policy Competence* latent trait.

155. **pecomp975ucl:** Bayesian Posterior 97.5 Percentile Estimate of *Policy Competence* latent trait.

156. **zloyalmedian:** Normalized (Z-score formulation) Bayesian Posterior Median Estimate of Loyalty latent trait.

157. **zmecompmedian:** Normalized (Z-score formulation) Bayesian Posterior Median Estimate of Managerial Competence latent trait.

158. **zpecompmedian:** Normalized (Z-score formulation) Bayesian Posterior Median Estimate of Policy Competence latent trait.

159. **stddiffloyalmecomp:** (Z^*_M): Normalized Difference Between Bayesian Posterior Median Estimate of Loyalty and Managerial Competence latent traits.

160. **stddiffloyalpecomp:** (Z^*_P): Normalized Difference Between Bayesian Posterior Median Estimate of Loyalty and Policy Competence latent traits.

161. **stddiffmecomppecomp**: (Z^*_C): Normalized Difference Between Bayesian Posterior Median Estimate of Policy Competence and Managerial Competence latent traits.

162. **subagency2:** subagency code.

163. **unit:** indicator if the office is a unit rather than an agency or subagency.

164. **unit_leader:** indicator if the appointee is a leader of an office.

165. **agency_leader:** indicator if the appointee is the leader of their agency.

166. **st_quarter:** the quarter that the appointee started in their position.

167. **st_year_qtr**: the year and quarter that an appointee started.

168. **end_quarter:** the quarter that an appointee ended their term.

169. **end_year:** the year that an appointee ended their term.

170. **end_year_qtr:** the year and quarter than an appointee end their term.

171. **subagency_yearqtr_start:** the subagency and start time of the appointee.

172. **subagency_yearqtr_end:** the subagency and end time of the appointee.

173. title: the title of the appointee.

174. **leadership_team:** indicator if the appointee is a member of the agency leadership team. Excludes directors and commissioners.

175. **leader_either:** indicator if the appointee is a leader of an agency, subagency, or unit.

176. **zloyalty_leader1:** the normalized loyalty z-score of the overall agency leader. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

177. **zloyalty_2:** the normalized loyalty z-score of the overall agency leader, the subagency leader, or the unit leader. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

178. **zloyalty_3:** the average loyalty z-score for the leadership team of the overall agency. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

179. **zloyalty_4:** the average loyalty z-score of the leadership team for the overall agency, overall subagency, or overall unit. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

180. Subagency_units: the subagency code for the agency, subagency, or unit.

181. Zmanage1: normalized managerial competence z-score of the overall agency leader. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

182. Zmanager2: the normalized managerial competence z-score of the overall agency leader, subagency leader, or unit leader. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

183. Zmanage3: the average normalized managerial competence z-score for the leadership team of the overall agency. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

184. Zmanage4: the average normalized managerial competence z-score for leadership team of the overall agency, overall subagency, or overall unit. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

185. Zpolicy1: the normalized policy competence z-score of the overall agency leader. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

186. Zpolicy2: the normalized policy competence z-score of the overall agency leader, the subagency leader, or the unit leader. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

187. Zpolicy3: the average normalized policy competence z-score of the leadership team of the overall agency. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

188. Zpolicy4: the average normalized policy competence z-score for the leadership team of the overall agency, the overall subagency, or overall unit. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

189. Stdiffloyalty1: Normalized Difference Between Bayesian Posterior Median Estimate of Loyalty and Managerial Competence latent traits of the overall agency leader. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served

during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

190. Stdiffloyalty2: Normalized Difference Between Bayesian Posterior Median Estimate of Loyalty and Managerial Competence latent traits for the overall agency leader, subagency leader, or unit leader. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

191. Stdiffloyalty3: average Normalized Difference Between Bayesian Posterior Median Estimate of Loyalty and Managerial Competence latent traits of the leadership team of the overall agency. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

192. Stdiffloyalty4: average Normalized Difference Between Bayesian Posterior Median Estimate of Loyalty and Managerial Competence latent traits of the leadership team of the overall agency, the overall subagency, or overall unit. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

193. Stdiffmanage1: Normalized Difference Between Bayesian Posterior Median Estimate of Loyalty and Policy Competence latent traits of the overall agency leader. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

194. Stdiffmanage2: Normalized Difference Between Bayesian Posterior Median Estimate of Loyalty and Policy Competence latent traits of the overall agency leader, subagency leader, or unit leader. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

195. Stdiffmanage3: average Normalized Difference Between Bayesian Posterior Median Estimate of Loyalty and Policy Competence latent traits of the leadership team of the overall agency. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

196. Stdiffmanage4: average Normalized Difference Between Bayesian Posterior Median Estimate of Loyalty and Policy Competence latent traits of the leadership team of the overall agency, subagency, or unit. This is matched to the appropriate

year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

197. Stdiffpolicy1: Normalized Difference Between Bayesian Posterior Median Estimate of *Policy Competence* and *Managerial Competence* latent traits for the overall agency leader. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

198. Stdiffpolicy2: Normalized Difference Between Bayesian Posterior Median Estimate of *Policy Competence* and *Managerial Competence* latent traits for the overall agency leader, subagency leader, or unit leader. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

199. Stdiffpolicy3: average Normalized Difference Between Bayesian Posterior Median Estimate of *Policy Competence* and *Managerial Competence* latent traits for the overall agency leadership team. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

200. Stdiffpolicy4: average Normalized Difference Between Bayesian Posterior Median Estimate of *Policy Competence* and *Managerial Competence* latent traits for the agency, subagency, or unit leadership team. This is matched to the appropriate year and quarters based on when they started and ended their appointment. In cases where two leaders served during the same quarter, whichever served for the majority of the time during that three months is matched for that quarter.

201. corestate_electionyr: combination of core state and election year.

202. Corecounty_electionyr: combination of core county and election year

203. Compstate_electionyr: combination of competitive state and election year.

204. Fips_num: fips number.

205. Selin_2abszero: Selin's second measure of insulation from political review, set with the lowest value as zero.

206. Unified: indicator for whether a given year is under unified government.

207. Zloyalty2_abszero: zloyalty2 measure set with the lowest value at zero, so all other values are positive.

208. Zmanage2_abszero: zmanage2 measure set with the lowest value at zero, so all other values are positive.

209. Zpolicy2_abszero: zpolicy2 measure set with the lowest value at zero, so all other values are positive.

210. Zloyalty1_abszero: zloyalty1 measure set with the lowest value at zero, so all other values are positive.

211. Zmanage1_abszero: zmanage1 measure set with the lowest value at zero, so all other values are positive.

212. Zpolicy1_abszero: zpolicy1 measure set with the lowest value at zero, so all other values are positive.

213. Zloyalty2_selin2abs: zloyalty2 absolute zero measure interacted with Selin's absolute value second measure.

214. Zmanage2_selin2abs: zmanage2 absolute zero measure interacted with Selin's absolute value second measure.

215. Zpolicy2_selin2abs: zpolicy2 absolute zero measure interacted with Selin's absolute value second measure.

216. Zloyalty2_unified: zloyalty2 interacted with unified government.

217. Zmanage2_unified: zmanage2 interacted with unified government.

218. Zpolicy2_unified: zpolicy2 interacted with unified government.

219. Selinest2_unified: Selin's absolute value second dimension measure, interacted with unified government.

220. Zloyalty2_selin2_unified: triple interaction between zloyalty2 absolute zero, Selin's second measure, and unified government.

221. Zmanage2_selin2_unified: triple interaction between zmanage2 absolute zero, Selin's second measure, and unified government.

222. Zpolicy2_selin2_unified: triple interaction between zpolicy2 absolute zero, Selin's second measure, and unified government.

223. Zloyalty1_selin2abs: interaction of zloyalty2 and selin2abs

224. Zloyalty1_unified: interaction of zloyalty1 absolute zero measure and unified government.

225. Zpolicy1_selin2_unified: triple interaction between zpolicy1 absolute zero, Selin's second measure, and unified government.

226. Missing_dummy: indicator if the record is missing in the loyalty2 models but not the loyalty1 models.

227. gdpdef: GDP deflator value by year and quarter, set at 2009 dollars. Source: https://fred.stlouisfed.org/series/GDPDEF

228. constant_fed_funds: federal funding amount for grants (fed_fund_amount) over the GDP deflator (gdpdef), times 0.01.

229. ln_fed_funding_adj: natural log of GDP federal funding amount (fed_fund_amount).

230. **Total_grant_amount**: total value of a grant in our database.

231. nvals: number of values.

232. Grantcount: total number of transactions issued under a grant.

233. Rank: number of cuts in a year ranked.

234. Grant_id_yrqtr: the grant identification combined with the year and quarter of the transactions that occurred.

235. Rev_selin: reverse version of Selin's second measure of insulation from political review, where higher measures indicate less insulation.

236. Constant_agency_grant: adjusted overall amount of grants awarded by an agency in 2009 dollars.

237. zloyalty2_selin2rev_unified : triple interaction of zloyalty2, the reverse Selin measure, and unified government

238. zmanage2_selin2rev_unified : triple interaction of zmanage2, the reverse Selin measure, and unified government

239. zpolicy2_selin2rev_unified : triple interaction of zpolicy2, the reverse Selin measure, and unified government

240. zloyalty1_selin2rev_unified : triple interaction of zloyalty1, the reverse Selin measure, and unified government

241. zmanage1_selin2rev_unified : triple interaction of zmanage1, the reverse Selin measure, and unified government

242. zpolicy1_selin2rev_unified : triple interaction of zpolicy1, the reverse Selin measure, and unified government

243. zmanage2_selin2rev_unified: triple interaction of zmanage2, selin2rev, and unified government.

244. zpolicy2_selin2rev_unified: triple interaction of zpolicy2, selin2rev, and unified government.

245. zloyalty1_selin2rev: interaction of zloyalty1 and selin2rev

246. zloyalty1_selin2rev_unified: triple interaction of zloyalty1, selin2rev, and unified government.

247. **agency_totalgrantamtyr**: total amount that an agency awards in a year.

248. neg_fed_funding_positive: absolute value of funding cut amount.

249. Ln_fed_funding_neg: natural log of neg_fed_funding_positive

250. Cuts_year: number of cuts in a year.

251. **ihs_grantamount:** the inverse hyperbolic sine of the grant amount variable.

252. MODEL1: residuals

253. MODEL2: residuals

254. MODEL3: residuals

255. MODEL7: residuals

256. MODEL8: residuals

257. MODEL9: residuals

258. MODEL10: residuals

259. MODEL11: residuals

260. MODEL12: residuals

261. Formula_dummy: dummy variable indicating a formula grant.

262. MODEL 13: residuals

263. MODEL 14: residuals

264. MODEL 15: residuals

265. Subagency_name: name of a subagency

266. Presparty2: party of the president

267. **presparty2:** -1 if the president is a Democrat in a given year, 1 if the president is a Republican.

268. **Clintonlewis**: -1 if an agency is liberal under the Clinton & Lewis measure of agency ideology, 0 if it is moderate, 1 if it is Conservative.
Clinton and Lewis. Source: Clinton, J.D. and Lewis, D.E., 2008. Expert opinion, agency characteristics, and agency preferences. *Political Analysis*, pp.3-20. Data accessed from:
https://my.vanderbilt.edu/davidlewis/data/, on 1/24/2017

269. **presparty2xclintonlewis**: interaction of the presparty2 and Clintonlewis meaures.

270. grantstart_yr = the year according to the start date of the grant (start_date)

271. grantstart_mo = the month of the start date of the grant (start_date).

272. grantstart_yrfisc = the fiscal year according to the start date of the grant

273. grantstart_qtr = the quarter according to the start month of the grant.

274. grantstart_yrq = the combined start year and quarter of the grant. Format: 19941 indicates that a grant started in the first quarter of 1994.

275. grantstart_prev = indicates if a grant started in a previous administration relative to when the rescission action occurs.

276. action_quarterid = identifier starting with 1 for each quarter for actions in our dataset, starting with 19841.

277. grantstart_qtrid = identifier for each year in our dataset for when grants began, going back to 1952.

278. grant_action_id = identifier for each year in our dataset, beginning at 129, because 128 quarters occur between the earliest start date in our dataset (19521) and the first action date (19841).

279. grant_age_qtrs = (grant_action_id – grantstart_qtrid)+1. The 1 is added to the age because 44.3% of the sample had rescissions occur in the same quarter that the grant started.

280. ln_grantage = natural log of the grant age in quarters

281. second_term = indicator if the action on a grant took place during the second term of an administration.

282. MODEL20: residuals
283. MODEL21: residuals
284. Program_id: identification for each program.
285. MODEL22: residuals
286. MODEL23: residuals
287. MODEL24: residuals
288. MODEL25: residuals
289. MODEL26: residuals
290. MODEL27: residuals
291. MODEL28: residuals
292. MODEL29: residuals
293. MODEL30: residuals
294. MODEL31: residuals
295. MODEL32: residuals
296. MODEL33: residuals
297. Pres_sameparty_cut: If there was a cut to a grant awarded under a president of the same party
298. Pres_diffparty_cut: If there is a cut to a grant awarded under a president of a different party
299. MODEL34: residuals
300. MODEL35: residuals

301 – 400: Yearquarter dummy variables

401. agency_packing: per Berry and Gersen (2017), a measure of politicization calculated by adding the number of PAS, Noncareer SES, and Schedule C employees, and dividing by the number of Career SES managers in a given agency. Sources: Lewis (2008), and FedScope, accessed on January 27, 2017 (www.fedscope.opm.gov). Available from 1988 – 2008.

402. apzloyal2abszero: zloyalty2 adjusted to be entirely positive.

403. – 426. Agency dummy variables.

427. techpct: percentage of employees in an agency that are identified as technical.

428. – 452. Year dummy variables.

453. – 473. Agency dummy variables.

474. neg_fed_funding: summation of the amount of funding cuts related to a grant.

475. ln_neg_fed_funding: natural log of neg_fed_funding.

476. grantageqtr04: age of a grant in quarters.

477. grantageqtr516: age of a grant in quarters

478. grantageqtr1732: age of a grant in quarters.

479. grantageqtr33plus: age of grant in quarters.

480. agencycomplexity: the number of employees in an agency multiplied by the number of technical staff.

481. lnagencycomplexity: natural log of agencycomplexity.