

A Dynamic Measure of Bureaucratic Reputation: New Data for
New Theory
Supplemental Information

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A Sample of Agencies

In the following tables, I report all the agencies for which I produce reputation estimates, the number of observations for each agency (i.e., the number of years for which I produce an estimate), the average number of mentions per year, and the average reputation.

A.1 Sample of US Agencies

Agency Type	N. Agencies	Obs.	Avg. Mentions	Avg. Reputation
Executive Department	18	590	567.97	0.61
Executive Office of the President	5	141	166.43	0.42
Executive Sub-Agencies	147	2,515	124.19	0.51
Federal Partnership	1	5	7.40	0.33
Government-owned Corporation	4	63	55.02	0.48
Independent Agency	68	1,434	183.35	0.51
Non-for-profit Public Organisation	3	51	52.76	0.46
Unclear	2	7	9.71	0.46

Table A.1: US descriptive statistics by agency type.

Table A.2: Sample of US agencies and descriptive statistics.

Agency Name	N. of Observations	Avg. N. Mentions	Avg. Reputation	Agency Type
Administration for Children and Families	1	6.00	0.42	Executive Sub-Agencies
Administrative Conference of the United States	15	9.07	0.41	Independent Agency
Advisory Council on Historic Preservation	6	12.83	0.41	Independent Agency
Agency for Healthcare Research and Quality	6	8.50	0.53	Executive Sub-Agencies
Agency for International Development	36	109.72	0.55	Independent Agency
Agency for Toxic Substances and Disease Registry	11	15.36	0.47	Executive Sub-Agencies
Agricultural Marketing Service	6	7.83	0.37	Executive Sub-Agencies
Agricultural Research Service	30	25.17	0.51	Executive Sub-Agencies
Air Force	36	1,038.31	0.75	Executive Sub-Agencies
Alcohol and Tobacco Tax and Trade Bureau	7	11.86	0.39	Executive Sub-Agencies
American Battle Monuments Commission	16	13.44	0.42	Executive Sub-Agencies
AMTRAK	19	8.32	0.42	Independent Agency

Table A.2: Sample of US agencies and descriptive statistics. (*continued*)

Agency Name	N. of Observations	Avg. N. Mentions	Avg. Reputation	Agency Type
Animal and Plant Health Inspection Service	28	25.32	0.55	Executive Sub-Agencies
Appalachian Regional Commission	35	30.29	0.52	Executive Sub-Agencies
Benefits Review Board	2	14.00	0.47	Executive Sub-Agencies
Board of Veterans Appeals	20	22.35	0.40	Executive Sub-Agencies
Bonneville Power Administration	26	20.46	0.44	Executive Sub-Agencies
Border and Transportation Security Directorate	1	5.00	0.47	Executive Sub-Agencies
Broadcasting Board of Governors	14	13.50	0.44	Independent Agency
Bureau of Alcohol, Tobacco, Firearms, and Explosives	31	63.26	0.52	Executive Sub-Agencies
Bureau of Competition	3	9.67	0.35	Independent Agency
Bureau of Economic Analysis	30	7.27	0.47	Executive Sub-Agencies
Bureau of Engraving and Printing	7	7.00	0.38	Executive Sub-Agencies
Bureau of Indian Affairs	35	56.20	0.47	Executive Sub-Agencies
Bureau of Indian Education	3	9.33	0.53	Executive Sub-Agencies
Bureau of Industry and Security	2	5.50	0.23	Executive Sub-Agencies
Bureau of International Labor Affairs	1	11.00	0.48	Executive Sub-Agencies
Bureau of Labor Statistics	36	45.94	0.48	Executive Sub-Agencies
Bureau of Land Management	36	104.92	0.53	Executive Sub-Agencies
Bureau of Ocean Energy Management	6	11.33	0.44	Executive Sub-Agencies
Bureau of Political-Military Affairs	1	6.00	0.42	Executive Sub-Agencies
Bureau of Prisons	35	34.91	0.45	Executive Sub-Agencies
Bureau of Reclamation	36	102.94	0.57	Executive Sub-Agencies
Bureau of Safety and Environmental Enforcement	1	15.00	0.81	Executive Sub-Agencies
Bureau of the Census	36	111.61	0.40	Executive Sub-Agencies
Bureau of the Public Debt	6	8.33	0.42	Executive Sub-Agencies
Centers for Disease Control and Prevention	24	56.08	0.47	Executive Sub-Agencies
Centers for Medicare and Medicaid Services	19	164.47	0.49	Executive Sub-Agencies
Central Intelligence Agency	36	532.47	0.59	Independent Agency
Chemical Safety and Hazard Investigation Board	4	7.25	0.46	Independent Agency
Citizen and Immigration Services	10	31.00	0.51	Executive Sub-Agencies
Civil Rights Division	27	23.37	0.47	Executive Sub-Agencies
Commission on Civil Rights	31	17.58	0.45	Independent Agency
Commodities Futures Trading Commission	30	121.60	0.55	Independent Agency
Commodity Credit Corporation	27	77.37	0.47	Government-owned Corporation
Community Development Financial Institutions Fund	10	7.50	0.38	Executive Sub-Agencies
Consumer Financial Protection Bureau	7	294.57	0.49	Independent Agency

Table A.2: Sample of US agencies and descriptive statistics. (*continued*)

Agency Name	N. of Observations	Avg. N. Mentions	Avg. Reputation	Agency Type
Consumer Product Safety Commission	35	82.89	0.50	Independent Agency
Corporation for National and Community Service	12	16.33	0.44	Independent Agency
Corporation for National Community Service	3	8.00	0.52	Independent Agency
Corporation for Public Broadcasting	28	78.93	0.46	Non-for-profit Public Organisation
Council of Economic Advisers	35	29.71	0.40	Executive Office of the President
Council on Environmental Quality	23	15.83	0.42	Executive Sub-Agencies
Court Services and Offender Supervision Agency	4	12.25	0.38	Executive Sub-Agencies
Customs and Border Protection	14	65.36	0.61	Executive Sub-Agencies
Defense Acquisition Regulations System	2	6.00	0.38	Executive Sub-Agencies
Defense Advanced Research Projects Agency	31	22.81	0.56	Executive Sub-Agencies
Defense Contract Audit Agency	17	21.18	0.41	Executive Sub-Agencies
Defense Contract Management Agency	4	7.50	0.36	Executive Sub-Agencies
Defense Finance and Accounting Service	9	21.89	0.44	Executive Sub-Agencies
Defense Information Systems Agency	1	9.00	0.63	Executive Sub-Agencies
Defense Intelligence Agency	36	37.33	0.51	Executive Sub-Agencies
Defense Logistics Agency	23	14.04	0.45	Executive Sub-Agencies
Defense Media Activity	5	10.00	0.48	Executive Sub-Agencies
Defense Nuclear Facilities Safety Board	4	7.50	0.36	Independent Agency
Defense Security Service	4	10.00	0.40	Executive Sub-Agencies
Defense Technology Security Administration	2	6.50	0.47	Executive Sub-Agencies
Delta Regional Authority	5	7.40	0.33	Federal Partnership
Department of Agriculture	36	356.19	0.59	Executive Department
Department of Commerce	36	308.39	0.61	Executive Department
Department of Defense	36	1,507.64	0.73	Executive Department
Department of Defense Education Activity	1	5.00	0.35	Executive Department
Department of Education	36	291.83	0.55	Executive Department
Department of Energy	36	567.97	0.63	Executive Department
Department of Health and Human Services	36	361.19	0.58	Executive Department
Department of Homeland Security	16	1,581.62	0.82	Executive Department
Department of Housing and Urban Development	36	74.44	0.52	Executive Department
Department of Justice	36	1,054.39	0.66	Executive Department
Department of Labor	36	297.00	0.54	Executive Department
Department of State	36	166.64	0.55	Executive Department
Department of the Army	33	24.91	0.50	Executive Department
Department of the Interior	36	290.47	0.57	Executive Department

Table A.2: Sample of US agencies and descriptive statistics. (*continued*)

Agency Name	N. of Observations	Avg. N. Mentions	Avg. Reputation	Agency Type
Department of the Navy	36	994.31	0.75	Executive Department
Department of the Treasury	36	1,486.94	0.50	Executive Department
Department of Transportation	36	288.31	0.58	Executive Department
Department of Veterans Affairs	36	536.75	0.75	Executive Department
Directorate of Defense Trade Controls	3	6.67	0.57	Executive Sub-Agencies
Domestic Nuclear Detection Office	7	17.14	0.55	Executive Sub-Agencies
Drug Enforcement Administration	36	158.92	0.56	Executive Sub-Agencies
Economic Development Administration	33	175.48	0.56	Executive Sub-Agencies
Economic Research Service	18	7.83	0.41	Executive Sub-Agencies
Election Assistance Commission	12	33.67	0.48	Executive Sub-Agencies
Employment and Training Administration	3	6.33	0.50	Executive Sub-Agencies
Employment Standards Administration	1	8.00	0.58	Executive Sub-Agencies
Environmental Protection Agency	36	1,514.19	0.61	Independent Agency
Equal Employment Opportunity Commission	36	73.72	0.50	Independent Agency
Executive Office for Immigration Review	2	7.50	0.35	Executive Sub-Agencies
Export-Import Bank of the United States	15	9.67	0.46	Independent Agency
Farm Credit Administration	18	31.83	0.44	Independent Agency
Farm Service Agency	21	17.71	0.50	Executive Sub-Agencies
Federal Agricultural Mortgage Corporation	8	44.00	0.53	Government-owned Corporation
Federal Aviation Administration	36	87.19	0.54	Executive Sub-Agencies
Federal Bureau of Investigation	36	708.36	0.62	Executive Sub-Agencies
Federal Communications Commission	36	379.06	0.55	Independent Agency
Federal Deposit Insurance Corporation	36	165.72	0.52	Independent Agency
Federal Election Commission	36	117.78	0.48	Independent Agency
Federal Emergency Management Agency	36	363.19	0.52	Executive Sub-Agencies
Federal Energy Regulatory Commission	36	210.89	0.48	Executive Sub-Agencies
Federal Highway Administration	35	50.37	0.49	Executive Sub-Agencies
Federal Housing Administration	36	193.03	0.50	Executive Sub-Agencies
Federal Housing Finance Agency	8	21.25	0.43	Independent Agency
Federal Labor Relations Authority	11	12.36	0.38	Independent Agency
Federal Law Enforcement Training Center	20	19.80	0.55	Executive Sub-Agencies
Federal Maritime Commission	29	40.45	0.52	Independent Agency
Federal Mediation and Conciliation Service	8	10.50	0.41	Independent Agency
Federal Motor Carrier Safety Administration	15	15.53	0.48	Executive Sub-Agencies
Federal Prison Industries	13	53.77	0.47	Government-owned Corporation

Table A.2: Sample of US agencies and descriptive statistics. (*continued*)

Agency Name	N. of Observations	Avg. N. Mentions	Avg. Reputation	Agency Type
Federal Railroad Administration	34	39.85	0.49	Executive Sub-Agencies
Federal Reserve	36	514.78	0.45	Independent Agency
Federal Retirement Thrift Investment Board	3	8.00	0.38	Independent Agency
Federal Student Aid	3	10.67	0.37	Executive Sub-Agencies
Federal Trade Commission	36	237.36	0.57	Independent Agency
Federal Transit Administration	23	12.96	0.48	Executive Sub-Agencies
Financial Crimes Enforcement Network	16	11.81	0.42	Executive Sub-Agencies
Financial Management Service	19	19.89	0.40	Executive Sub-Agencies
Financial Stability Oversight Council	6	43.50	0.52	Executive Sub-Agencies
Fish and Wildlife Service	36	141.31	0.59	Executive Sub-Agencies
Food and Drug Administration	36	705.72	0.66	Executive Sub-Agencies
Food and Nutrition Service	21	12.00	0.49	Executive Sub-Agencies
Food Safety and Inspection Service	21	10.29	0.42	Executive Sub-Agencies
Foreign Agricultural Service	16	9.62	0.50	Executive Sub-Agencies
Foreign Claims Settlement Commission	5	11.20	0.52	Executive Sub-Agencies
Forest Service	36	461.39	0.60	Executive Sub-Agencies
General Services Administration	36	174.44	0.57	Independent Agency
Geological Survey	36	54.64	0.57	Executive Sub-Agencies
Government National Mortgage Association	15	21.73	0.45	Government-owned Corporation
Grain Inspection, Packers, and Stockyards Administration	6	22.67	0.39	Executive Sub-Agencies
Health Resources and Services Administration	29	15.69	0.48	Executive Sub-Agencies
Housing Finance Agency	12	7.33	0.37	Independent Agency
Immigration and Customs Enforcement	22	130.09	0.50	Executive Sub-Agencies
Independent Payment Advisory Board	6	160.67	0.48	Independent Agency
Indian Health Service	36	54.83	0.48	Executive Sub-Agencies
Institute of Peace	15	19.27	0.55	Independent Agency
Inter-American Foundation	14	11.43	0.46	Independent Agency
Internal Revenue Service	36	1,058.50	0.49	Executive Sub-Agencies
International Boundary and Water Commission	15	9.47	0.46	Executive Sub-Agencies
International Trade Administration	24	12.79	0.45	Executive Sub-Agencies
International Trade Commission	35	121.77	0.47	Independent Agency
Maritime Administration	32	27.19	0.48	Executive Sub-Agencies
Marshals Service	36	24.81	0.50	Executive Sub-Agencies
Merit Systems Protection Board	31	24.87	0.39	Independent Agency
Metropolitan Washington Airport Authority	1	9.00	0.46	Independent Agency

Table A.2: Sample of US agencies and descriptive statistics. (*continued*)

Agency Name	N. of Observations	Avg. N. Mentions	Avg. Reputation	Agency Type
Millennium Challenge Corporation	8	16.50	0.43	Independent Agency
Minority Business Development Agency	8	19.88	0.49	Executive Sub-Agencies
Missile Defense Agency	12	26.42	0.51	Executive Sub-Agencies
Mississippi River Commission	1	12.00	0.61	Executive Sub-Agencies
National Aeronautics and Space Administration	36	549.78	0.73	Independent Agency
National Archives and Records Administration	13	7.38	0.42	Independent Agency
National Capital Planning Commission	14	16.07	0.49	Independent Agency
National Cemetery Administration	9	6.22	0.50	Executive Sub-Agencies
National Consumer Cooperative Bank	5	11.60	0.48	Unclear
National Council on Disability	6	8.33	0.38	Independent Agency
National Credit Union Administration	21	22.86	0.44	Independent Agency
National Geospatial-Intelligence Agency	23	14.96	0.44	Executive Sub-Agencies
National Highway Traffic Safety Administration	36	55.14	0.52	Executive Sub-Agencies
National Indian Gaming Commission	9	8.78	0.48	Executive Sub-Agencies
National Institute of Building Sciences	2	5.00	0.40	Unclear
National Institute of Food and Agriculture	2	5.00	0.45	Executive Sub-Agencies
National Institute of Standards and Technology	29	88.83	0.60	Executive Sub-Agencies
National Institute on Disability and Rehabilitation Research	3	7.33	0.46	Executive Sub-Agencies
National Institutes of Health	36	191.25	0.63	Executive Sub-Agencies
National Labor Relations Board	36	110.47	0.43	Independent Agency
National Mediation Board	11	33.45	0.39	Independent Agency
National Nuclear Security Administration	16	42.25	0.51	Executive Sub-Agencies
National Oceanic and Atmospheric Administration	36	46.08	0.58	Executive Sub-Agencies
National Park Service	36	248.75	0.67	Executive Sub-Agencies
National Reconnaissance Office	18	35.00	0.48	Executive Sub-Agencies
National Science Foundation	36	243.19	0.65	Independent Agency
National Security Agency	36	84.53	0.53	Executive Sub-Agencies
National Technical Information Service	9	18.11	0.46	Executive Sub-Agencies
National Telecommunications and Information Administration	31	24.81	0.49	Executive Sub-Agencies
National Transportation Safety Board	36	65.22	0.50	Independent Agency
Natural Resources Conservation Service	19	19.11	0.49	Executive Sub-Agencies
Nuclear Regulatory Commission	36	182.56	0.54	Independent Agency
Occupational Safety and Health Administration	35	228.06	0.49	Executive Sub-Agencies
Occupational Safety and Health Review Commission	2	42.50	0.63	Independent Agency
Office of Acquisition Policy	1	5.00	0.48	Executive Sub-Agencies

Table A.2: Sample of US agencies and descriptive statistics. (*continued*)

Agency Name	N. of Observations	Avg. N. Mentions	Avg. Reputation	Agency Type
Office of Economic Adjustment	8	14.50	0.47	Executive Sub-Agencies
Office of Electricity Delivery and Energy Reliability	1	5.00	0.30	Executive Sub-Agencies
Office of Energy Efficiency and Renewable Energy	6	23.17	0.44	Executive Sub-Agencies
Office of Federal Procurement Policy	14	18.64	0.43	Executive Office of the President
Office of Foreign Assets Control	16	20.31	0.47	Executive Sub-Agencies
Office of Government Ethics	26	32.23	0.46	Independent Agency
Office of Health, Safety, and Security	1	5.00	0.46	Executive Sub-Agencies
Office of Justice Programs	10	14.40	0.46	Executive Sub-Agencies
Office of Labor-Management Standards	2	51.50	0.61	Executive Sub-Agencies
Office of Management and Budget	36	572.86	0.48	Executive Office of the President
Office of Minority Economic Impact	2	8.00	0.34	Executive Sub-Agencies
Office of National Drug Control Policy	24	47.71	0.52	Executive Office of the President
Office of Personnel Management	36	111.06	0.52	Independent Agency
Office of Science and Technology	32	12.44	0.30	Executive Office of the President
Office of Special Counsel	25	21.04	0.51	Independent Agency
Office of Special Education and Rehabilitative Services	2	5.50	0.64	Executive Sub-Agencies
Office of Special Trustee for American Indians	1	5.00	0.42	Executive Sub-Agencies
Office of Surface Mining, Reclamation and Enforcement	2	9.00	0.37	Executive Sub-Agencies
Office of the Comptroller of the Currency	15	9.93	0.44	Executive Sub-Agencies
Office of the Director of National Intelligence	10	11.00	0.51	Independent Agency
Office of Thrift Supervision	20	44.05	0.46	Executive Sub-Agencies
Office of Vocational and Adult Education	1	8.00	0.57	Executive Sub-Agencies
Office of Workers' Compensation Programs	1	5.00	0.59	Executive Sub-Agencies
Parole Commission	13	13.85	0.45	Executive Sub-Agencies
Patent and Trademark Office	34	68.59	0.48	Executive Sub-Agencies
Peace Corps	36	192.94	0.63	Independent Agency
Pension Benefit Guaranty Corporation	35	56.11	0.42	Independent Agency
Pentagon	36	568.36	0.45	Executive Sub-Agencies
Pipeline and Hazardous Materials Safety Administration	10	25.80	0.52	Executive Sub-Agencies
Postal Regulatory Commission	6	13.00	0.44	Independent Agency
Privacy and Civil Liberties Oversight Board	7	15.29	0.53	Independent Agency
Public and Indian Housing	1	5.00	0.52	Executive Sub-Agencies
Public Buildings Service	5	11.00	0.51	Independent Agency
Public Health Service	36	77.36	0.56	Executive Sub-Agencies
Railroad Retirement Board	17	14.65	0.37	Independent Agency

Table A.2: Sample of US agencies and descriptive statistics. (*continued*)

Agency Name	N. of Observations	Avg. N. Mentions	Avg. Reputation	Agency Type
Rehabilitation Services Administration	5	8.80	0.36	Executive Sub-Agencies
Research and Innovative Technology Administration	1	6.00	0.32	Executive Sub-Agencies
Risk Management Agency	9	14.56	0.41	Executive Sub-Agencies
Rural Housing Service	4	9.25	0.34	Executive Sub-Agencies
Rural Utilities Service	7	11.57	0.45	Executive Sub-Agencies
Saint Lawrence Seaway Development Corporation	3	7.67	0.36	Executive Sub-Agencies
Securities and Exchange Commission	36	410.31	0.68	Independent Agency
Securities Investor Protection Corporation	10	27.60	0.45	Non-for-profit Public Organisation
Selective Service System	17	22.82	0.37	Independent Agency
Small Business Administration	36	424.47	0.64	Independent Agency
Social Security Administration	36	113.72	0.49	Independent Agency
Social Security Advisory Board	2	10.50	0.43	Independent Agency
State Justice Institute	13	15.77	0.47	Non-for-profit Public Organisation
Substance Abuse and Mental Health Services Administration	23	22.04	0.50	Executive Sub-Agencies
Surface Transportation Board	18	17.28	0.46	Independent Agency
Tennessee Valley Authority	35	30.03	0.48	Independent Agency
Trade and Development Agency	11	16.00	0.51	Independent Agency
Transportation Security Administration	17	253.00	0.65	Executive Sub-Agencies
Tricare Management Activity	22	84.18	0.53	Executive Sub-Agencies
US Postal Service	36	353.03	0.58	Independent Agency
Veterans Benefits Administration	17	16.88	0.49	Executive Sub-Agencies
Veterans Employment and Training Service	12	10.58	0.45	Executive Sub-Agencies
Veterans Health Administration	26	21.77	0.45	Executive Sub-Agencies
Wage and Hour Division	5	10.80	0.43	Executive Sub-Agencies
Western Area Power Administration	13	16.46	0.42	Executive Sub-Agencies
Womens' Bureau	6	8.83	0.40	Executive Sub-Agencies

A.2 Sample of UK Agencies

Agency Type	N. Agencies	Obs.	Avg. Mentions	Avg. Reputation
Government Dept.	23	487	432.98	0.59
Non-dept. Agency	194	1,789	64.19	0.45

Table A.3: UK descriptive statistics by agency type.

Table A.4: Sample of UK agencies and descriptive statistics.

Agency Name	N. of Observations	Avg. N. Mentions	Avg. Reputation	Agency Type
Advisory Committee on Business Appointments	6	16.33	0.51	Non-dept. Agency
Advisory Committee on Novel Foods and Processes	7	7.14	0.33	Non-dept. Agency
Advisory Committee on Releases to the Environment	6	7.17	0.28	Non-dept. Agency
Advisory Council on the Misuse of Drugs	23	23.87	0.41	Non-dept. Agency
Advisory, Conciliation and Arbitration Service	37	56.89	0.44	Non-dept. Agency
Agriculture and Horticulture Development Board	2	5.00	0.46	Non-dept. Agency
Air Accidents Investigation Branch	9	7.89	0.47	Non-dept. Agency
Animal and Plant Health Agency	4	15.25	0.50	Non-dept. Agency
Armed Forces' Pay Review Body	13	13.69	0.40	Non-dept. Agency
Arts Council England	24	15.67	0.44	Non-dept. Agency
Arts Council of Wales	4	17.75	0.37	Non-dept. Agency
Atomic Energy Authority	25	19.48	0.52	Non-dept. Agency
Attorney General's Office	1	5.00	0.33	Non-dept. Agency
Bank of England	40	293.55	0.52	Non-dept. Agency
Biometrics Commissioner	1	7.00	0.63	Non-dept. Agency
Biotechnology and Biological Sciences Research Council	7	10.71	0.46	Non-dept. Agency
Boundary Commission for England	11	9.64	0.36	Non-dept. Agency
Boundary Commission for Scotland	4	6.00	0.41	Non-dept. Agency
Boundary Commission for Wales	3	9.33	0.43	Non-dept. Agency
British Business Bank	5	26.80	0.61	Non-dept. Agency
British Council	40	61.08	0.60	Non-dept. Agency
British Film Institute	14	8.50	0.38	Non-dept. Agency
British Transport Police Authority	1	6.00	0.45	Non-dept. Agency
Broads Authority	8	35.75	0.43	Non-dept. Agency
Building Regulations Advisory Committee	1	9.00	0.45	Non-dept. Agency

Table A.4: Sample of UK agencies and descriptive statistics. (*continued*)

Agency Name	N. of Observations	Avg. N. Mentions	Avg. Reputation	Agency Type
Cabinet Office	40	142.60	0.59	Government Dept.
Care Quality Commission	16	237.19	0.48	Non-dept. Agency
Central Arbitration Committee	5	12.60	0.32	Non-dept. Agency
Centre for Data Ethics and Innovation	1	10.00	0.49	Non-dept. Agency
Centre for Environment, Fisheries and Aquaculture Science	8	10.00	0.40	Non-dept. Agency
Centre for the Protection of National Infrastructure	1	7.00	0.68	Non-dept. Agency
Certification Officer	5	10.80	0.28	Non-dept. Agency
Children and Family Court Advisory and Support Service	12	9.33	0.42	Non-dept. Agency
Civil Justice Council	2	10.00	0.60	Non-dept. Agency
Civil Service Commission	6	10.17	0.35	Non-dept. Agency
Coal Authority	15	41.60	0.44	Non-dept. Agency
College of Policing	7	48.43	0.64	Non-dept. Agency
Commission on Human Medicines	2	11.00	0.35	Non-dept. Agency
Commissioner for Public Appointments	12	14.58	0.37	Non-dept. Agency
Committee on Climate Change	12	79.08	0.44	Non-dept. Agency
Committee on Radioactive Waste Management	3	13.67	0.24	Non-dept. Agency
Committee on Standards in Public Life	24	31.21	0.46	Non-dept. Agency
C. on Toxicity of Chemicals in Food, Consumer Prod. and the Env.	4	7.75	0.36	Non-dept. Agency
Companies House	28	19.93	0.43	Non-dept. Agency
Competition Appeal Tribunal	2	14.00	0.35	Non-dept. Agency
Construction Industry Training Board	20	30.70	0.43	Non-dept. Agency
Consumer Council for Water	6	10.50	0.43	Non-dept. Agency
Copyright Tribunal	2	5.50	0.43	Non-dept. Agency
Council for Science and Technology	1	10.00	0.34	Non-dept. Agency
Courts and Tribunals Service	9	25.11	0.51	Non-dept. Agency
Criminal Cases Review Commission	21	24.24	0.47	Non-dept. Agency
Criminal Injuries Compensation Authority	9	8.78	0.37	Non-dept. Agency
Crown Commercial Service	1	7.00	0.39	Non-dept. Agency
Crown Prosecution Service Inspectorate	1	12.00	0.63	Non-dept. Agency
Debt Management Office	2	11.50	0.43	Non-dept. Agency
Defence Science and Technology Laboratory	11	10.00	0.41	Non-dept. Agency
Department for Business, Energy and Industrial Strategy	4	51.25	0.49	Government Dept.
Department for Digital, Culture, Media and Sport	21	40.67	0.47	Government Dept.
Department for Education	40	197.57	0.59	Government Dept.
Department for Environment Food and Rural Affairs	19	158.68	0.49	Government Dept.

Table A.4: Sample of UK agencies and descriptive statistics. (*continued*)

Agency Name	N. of Observations	Avg. N. Mentions	Avg. Reputation	Agency Type
Department for Exiting the European Union	4	89.75	0.49	Government Dept.
Department for International Development	23	161.43	0.61	Government Dept.
Department for International Trade	4	120.75	0.61	Government Dept.
Department for Transport	19	345.79	0.61	Government Dept.
Department for Work and Pensions	19	318.79	0.51	Government Dept.
Department of Finance for Northern Ireland	2	5.00	0.47	Government Dept.
Department of Health and Social Care	40	395.20	0.63	Government Dept.
Department of Health for Northern Ireland	1	11.00	0.24	Government Dept.
Department of Social Security	20	122.40	0.40	Government Dept.
Disabled Persons Transport Advisory Committee	4	6.25	0.37	Non-dept. Agency
Disclosure and Barring Service	6	11.33	0.47	Non-dept. Agency
Driver and Vehicle Licensing Agency	28	51.11	0.45	Non-dept. Agency
Driver and Vehicle Standards Agency	5	19.20	0.37	Non-dept. Agency
Economic and Social Research Council	9	8.89	0.42	Non-dept. Agency
Education and Skills Funding Agency	3	12.67	0.56	Non-dept. Agency
Engineering and Physical Sciences Research Council	5	9.80	0.46	Non-dept. Agency
Engineering Construction Industry Training Board	3	6.33	0.30	Non-dept. Agency
English Institute of Sport	4	5.75	0.20	Non-dept. Agency
Environment Agency	25	288.92	0.61	Non-dept. Agency
Equality and Human Rights Commission	12	55.58	0.39	Non-dept. Agency
Estyn	2	5.50	0.22	Non-dept. Agency
Export Guarantees Advisory Council	1	17.00	0.38	Non-dept. Agency
Financial Conduct Authority	9	377.00	0.62	Non-dept. Agency
Financial Reporting Council	14	15.93	0.47	Non-dept. Agency
Financial Services Authority	28	250.43	0.54	Non-dept. Agency
Fire Service College	2	22.50	0.48	Non-dept. Agency
Foreign and Commonwealth Office	40	471.72	0.62	Government Dept.
Forensic Science Regulator	1	7.00	0.33	Non-dept. Agency
Forest Research	1	6.00	0.24	Non-dept. Agency
Gambling Commission	11	48.09	0.44	Non-dept. Agency
Gangmasters and Labour Abuse Authority	2	15.00	0.65	Non-dept. Agency
Gas and Electricity Markets Authority	2	8.00	0.37	Non-dept. Agency
Government Communications Headquarters	1	6.00	0.33	Non-dept. Agency
Government Equalities Office	12	16.33	0.37	Non-dept. Agency
Groceries Code Adjudicator	7	31.43	0.50	Non-dept. Agency

Table A.4: Sample of UK agencies and descriptive statistics. (*continued*)

Agency Name	N. of Observations	Avg. N. Mentions	Avg. Reputation	Agency Type
Health and Safety Executive	40	156.30	0.58	Non-dept. Agency
Health Education England	7	46.14	0.61	Non-dept. Agency
Health Research Authority	1	7.00	0.27	Non-dept. Agency
Higher Education Statistics Agency	3	8.00	0.34	Non-dept. Agency
Highways England	5	181.80	0.58	Non-dept. Agency
Home Office	40	943.78	0.72	Government Dept.
Horserace Betting Levy Board	6	9.50	0.41	Non-dept. Agency
House of Lords Appointments Commission	5	6.20	0.38	Non-dept. Agency
Human Fertilisation and Embryology Authority	20	33.60	0.42	Non-dept. Agency
Human Tissue Authority	5	19.60	0.43	Non-dept. Agency
Hydrographic Office	3	23.67	0.55	Non-dept. Agency
Independent Anti-slavery Commissioner	4	9.00	0.32	Non-dept. Agency
Independent Commission for Aid Impact	8	21.00	0.41	Non-dept. Agency
Independent Office for Police Conduct	5	19.80	0.56	Non-dept. Agency
Independent Parliamentary Standards Authority	11	237.09	0.48	Non-dept. Agency
Independent Reconfiguration Panel	6	15.17	0.31	Non-dept. Agency
Independent Reviewer of Terrorism Legislation	1	5.00	0.61	Non-dept. Agency
Industrial Development Advisory Board	1	12.00	0.34	Non-dept. Agency
Industrial Injuries Advisory Council	13	10.00	0.41	Non-dept. Agency
Information Commissioner's Office	13	21.54	0.48	Non-dept. Agency
Infrastructure and Projects Authority	4	13.25	0.37	Non-dept. Agency
Insolvency Service	21	15.43	0.42	Non-dept. Agency
Institute for Apprenticeships and Technical Education	3	9.67	0.39	Non-dept. Agency
Intellectual Property Office	6	12.67	0.45	Non-dept. Agency
Intelligence Services Commissioner	3	5.33	0.49	Non-dept. Agency
Investigatory Powers Commissioner's Office	1	8.00	0.47	Non-dept. Agency
Investigatory Powers Tribunal	5	10.60	0.36	Non-dept. Agency
Joint Nature Conservation Committee	4	9.25	0.32	Non-dept. Agency
Judicial Appointments Commission	11	14.64	0.50	Non-dept. Agency
Law Commission	40	113.22	0.49	Non-dept. Agency
Leasehold Advisory Service	5	8.20	0.38	Non-dept. Agency
Legal Aid Agency	7	21.29	0.46	Non-dept. Agency
Legal Services Board	2	10.00	0.30	Non-dept. Agency
Low Pay Commission	21	46.10	0.41	Non-dept. Agency
Marine Accident Investigation Branch	11	19.82	0.37	Non-dept. Agency

Table A.4: Sample of UK agencies and descriptive statistics. (*continued*)

Agency Name	N. of Observations	Avg. N. Mentions	Avg. Reputation	Agency Type
Marine Management Organisation	11	13.45	0.44	Non-dept. Agency
Maritime and Coastguard Agency	20	18.10	0.46	Non-dept. Agency
Medical Research Council	38	25.71	0.47	Non-dept. Agency
Medicines and Healthcare products Regulatory Agency	15	41.20	0.46	Non-dept. Agency
Migration Advisory Committee	12	33.67	0.31	Non-dept. Agency
Ministry of Defence	40	496.85	0.71	Government Dept.
Ministry of Housing, Communities and Local Government	4	106.50	0.39	Government Dept.
Ministry of Justice	18	235.72	0.62	Government Dept.
National Data Guardian	2	26.50	0.36	Non-dept. Agency
National Infrastructure Commission	5	31.80	0.46	Non-dept. Agency
National Institute for Health and Care Excellence	7	62.57	0.51	Non-dept. Agency
Natural Environment Research Council	12	10.00	0.43	Non-dept. Agency
Network Rail	28	485.57	0.56	Non-dept. Agency
Northern Ireland Housing Executive	18	18.72	0.39	Non-dept. Agency
Northern Ireland Human Rights Commission	10	15.50	0.37	Non-dept. Agency
Northern Ireland Office	40	80.85	0.45	Government Dept.
Northern Ireland Policing Board	8	7.38	0.44	Non-dept. Agency
Northern Lighthouse Board	2	10.50	0.52	Non-dept. Agency
Nuclear Decommissioning Authority	11	14.91	0.45	Non-dept. Agency
Office for Budget Responsibility	10	191.00	0.30	Non-dept. Agency
Office for National Statistics	24	111.04	0.41	Non-dept. Agency
Office for Students	4	52.25	0.51	Non-dept. Agency
Office of Communications	20	263.35	0.58	Non-dept. Agency
Office of Electricity Regulation	4	6.25	0.45	Non-dept. Agency
Office of Gas and Electricity Markets	21	152.19	0.46	Non-dept. Agency
Office of Gas Supply	14	19.00	0.38	Non-dept. Agency
Office of Manpower Economics	2	8.00	0.57	Non-dept. Agency
Office of Rail and Road	16	53.31	0.41	Non-dept. Agency
Office of Tax Simplification	9	18.33	0.39	Non-dept. Agency
Office of the Children's Commissioner	9	9.78	0.35	Non-dept. Agency
Office of the Immigration Services Commissioner	1	6.00	0.39	Non-dept. Agency
Office of the Leader of the House of Commons	2	5.50	0.50	Government Dept.
Office of the Police Ombudsman for Northern Ireland	3	12.33	0.48	Non-dept. Agency
Office of the Public Guardian	4	17.50	0.42	Non-dept. Agency
Office of the Schools Adjudicator	1	7.00	0.45	Non-dept. Agency

Table A.4: Sample of UK agencies and descriptive statistics. (*continued*)

Agency Name	N. of Observations	Avg. N. Mentions	Avg. Reputation	Agency Type
Oil and Gas Authority	4	31.50	0.54	Non-dept. Agency
Oil and Pipelines Agency	1	6.00	0.21	Non-dept. Agency
Parliamentary and Health Service Ombudsman	7	9.71	0.38	Non-dept. Agency
Parole Board	26	33.27	0.36	Non-dept. Agency
Payment Systems Regulator	2	15.50	0.47	Non-dept. Agency
Pensions Advisory Service	3	16.33	0.47	Non-dept. Agency
Pensions Regulator	10	30.70	0.46	Non-dept. Agency
Planning Inspectorate	16	43.94	0.44	Non-dept. Agency
Police Service of Northern Ireland	21	50.90	0.56	Non-dept. Agency
Prison and Probation Service	3	17.00	0.57	Non-dept. Agency
Prison Service	30	113.87	0.53	Non-dept. Agency
Privy Council Office	9	23.11	0.39	Non-dept. Agency
Professional Standards Authority	7	9.43	0.35	Non-dept. Agency
Prudential Regulatory Authority	8	30.25	0.48	Non-dept. Agency
Public Health England	10	112.10	0.61	Non-dept. Agency
Public Health Wales	1	6.00	0.55	Non-dept. Agency
Pubs Code Adjudicator	4	26.00	0.42	Non-dept. Agency
Rail Accident Investigation Branch	1	5.00	0.48	Non-dept. Agency
Rail Safety and Standards Board	5	14.60	0.45	Non-dept. Agency
Regulatory Policy Committee	1	8.00	0.22	Non-dept. Agency
Royal Mint	10	16.30	0.39	Non-dept. Agency
Rural Payments Agency	17	31.29	0.40	Non-dept. Agency
School Teachers' Review Body	8	8.50	0.37	Non-dept. Agency
Science and Technology Facilities Council	2	24.00	0.54	Non-dept. Agency
Sea Fish Industry Authority	13	17.31	0.46	Non-dept. Agency
Secret Intelligence Service	26	25.73	0.40	Non-dept. Agency
Security Industry Authority	10	57.10	0.50	Non-dept. Agency
Senior Salaries Review Body	15	14.40	0.32	Non-dept. Agency
Sentencing Council	11	35.36	0.47	Non-dept. Agency
Service Complaints Ombudsman	1	11.00	0.42	Non-dept. Agency
Service Prosecuting Authority	2	9.00	0.46	Non-dept. Agency
Single Financial Guidance Body	2	25.00	0.46	Non-dept. Agency
Single Source Regulations Office	1	8.00	0.45	Non-dept. Agency
Small Business Commissioner	1	7.00	0.42	Non-dept. Agency
Social Mobility Commission	4	45.00	0.34	Non-dept. Agency

Table A.4: Sample of UK agencies and descriptive statistics. (*continued*)

Agency Name	N. of Observations	Avg. N. Mentions	Avg. Reputation	Agency Type
Social Security Advisory Committee	31	24.45	0.28	Non-dept. Agency
Space Agency	21	15.33	0.44	Non-dept. Agency
Sports Council for Wales	2	16.50	0.37	Non-dept. Agency
Sports Grounds Safety Authority	2	12.50	0.44	Non-dept. Agency
Stabilisation Unit	1	6.00	0.57	Non-dept. Agency
Standards and Testing Agency	1	9.00	0.38	Non-dept. Agency
Surveillance Camera Commissioner	1	5.00	0.33	Non-dept. Agency
Treasury	40	1,828.97	0.64	Government Dept.
UK Export Finance	7	21.86	0.56	Government Dept.
Valuation Office Agency	16	19.75	0.41	Non-dept. Agency
Valuation Tribunal Service	1	14.00	0.48	Non-dept. Agency
Veterinary Medicines Directorate	3	7.67	0.49	Non-dept. Agency
Veterinary Products Committee	2	5.50	0.32	Non-dept. Agency
Victims' Commissioner	6	20.83	0.52	Non-dept. Agency
Wales Audit Office	4	6.50	0.32	Non-dept. Agency
Welsh Language Commissioner	2	15.50	0.34	Non-dept. Agency
Youth Justice Board	21	28.90	0.51	Non-dept. Agency

B Reputation of Agencies in Similar Policy Domains

An important dimension of theories of reputation is agencies' reputation for uniqueness and therefore researchers wishing to compare the reputation of agencies should think carefully about whether the type of comparison is meaningful given the different policy sectors, organisational field, and the different responsibilities (Carpenter 2020). For instance, in Figure B.1 below I provide some examples of same-field comparisons for US agencies overseeing financial institutions and UK network industries' regulators.

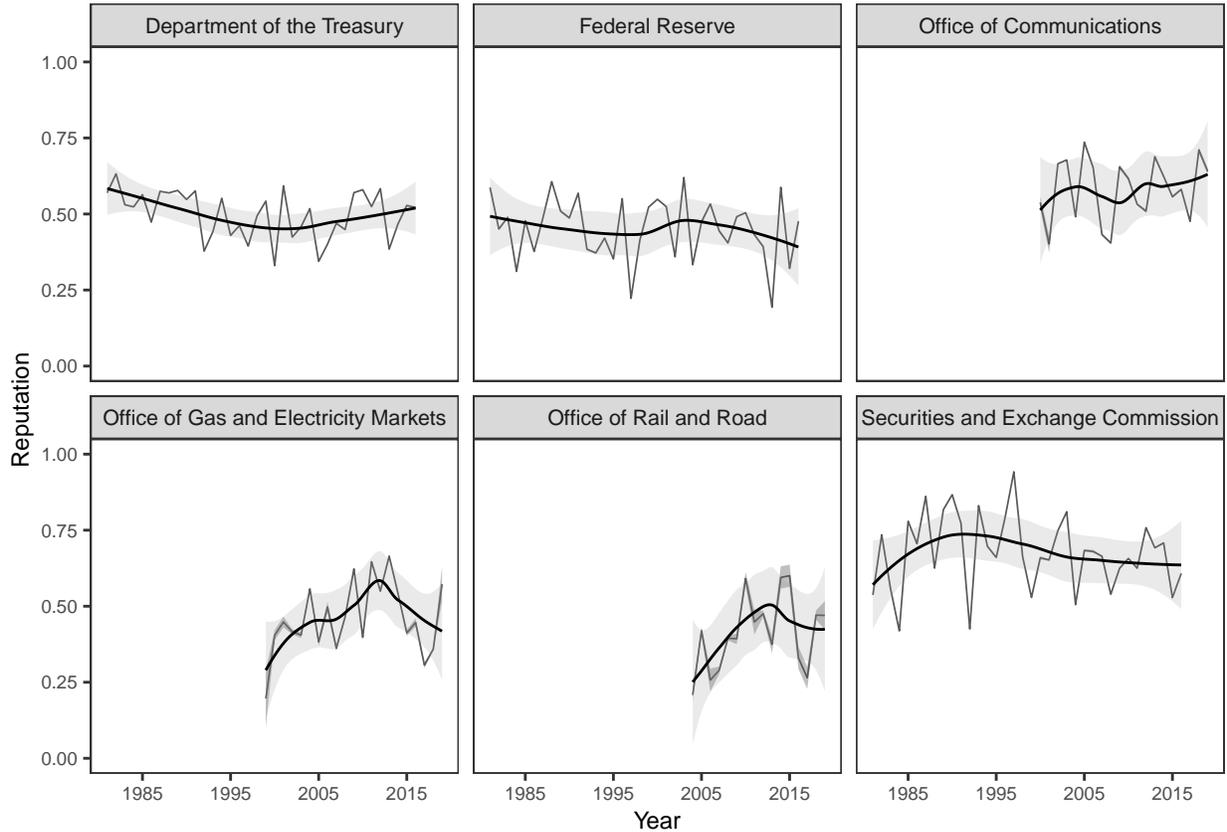


Figure B.1: Reputation estimates for agencies belonging to the same policy domain. Reputation of US agencies overseeing financial institutions (above) and reputation of UK network industries' regulators (below).

C Positivity Vector: Robustness to Different Specifications

The measurement strategy presented in the main text produces estimates of the reputation of agency a in year t by measuring the cosine similarity between the “agency embedding” and a positivity vector in every year (see Section *Agencies as Word Embeddings* in the manuscript). Here I show how the reputation estimates are robust to different specifications of the positivity vector. I build two alternative positivity vectors. One with only a vector consisting of the difference between the vector representation of “good” and “bad” (Positivity 1), and one with all the positive and negative words of the widely used LIWC dictionary for sentiment analysis. In particular, I create a vector that sums together the embeddings of all the tokens of each local corpus that appear in the positivity dictionary, and then deduct the embeddings of all the tokens that appear in the negativity dictionary (Positivity 2). Figure C.2 reports the relationship between the reputation estimates measured with the baseline positivity vector (on the x-axis) and the two alternative positivity vectors (y-axis) for both the UK and the US. The high and positive correlation suggests that, although the selection of the words used to build the positivity vector is important, alternative positivity

vectors produce similar estimates.

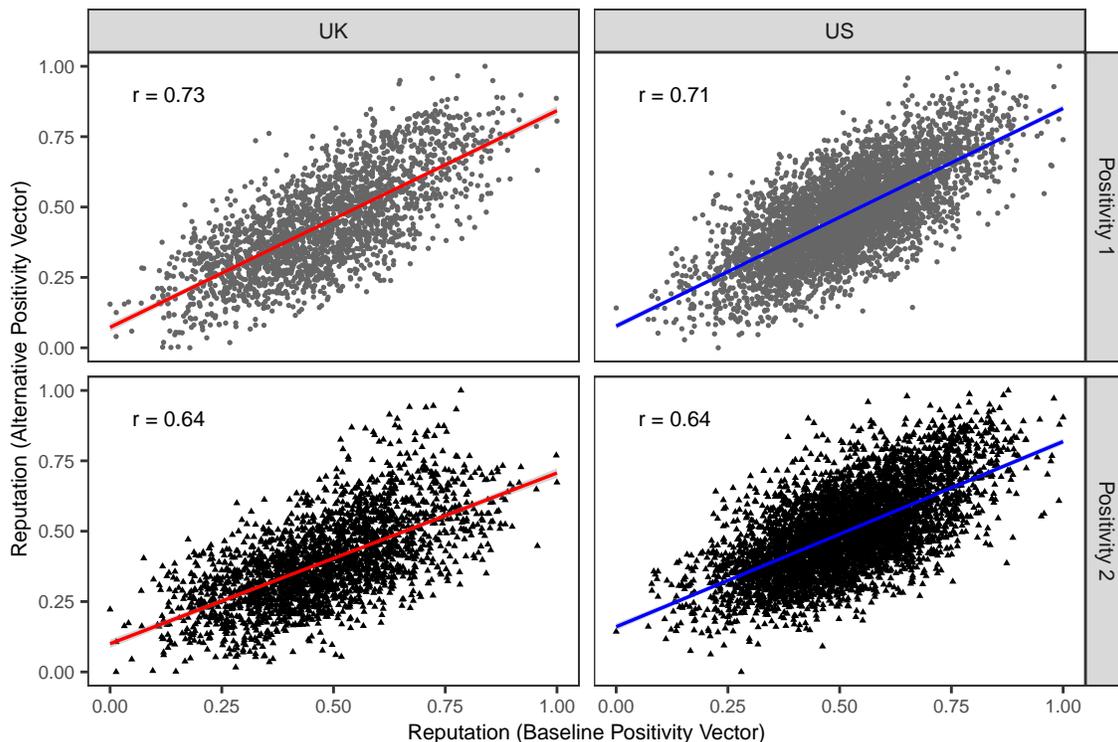


Figure C.2: Reputation estimates derived from different specifications of the positivity vectors. On the x axis, reputation estimates as measured with the baseline positivity vector reported in the manuscript. On the y axis, reputation estimates as measured with two alternative positivity vectors. Correlation coefficients reported in each panel.

D Sub-setting Speeches by Topic

The proposed measurement strategy rests on the assumption for which the way politicians talk about bureaucracy in parliamentary speeches can be meaningfully used to estimate bureaucratic reputation. Sometimes, however, politicians can talk about some agencies whereas in fact they are debating issues that are not strictly related to the agency’s activities or characteristics, and hence estimates of reputation based on such speeches might fail to capture the true reputation of the agency.

Let us consider, for instance, military agencies, which might be mentioned often by politicians who are praising military values and the courage and sacrifice of soldiers, while not focusing on the performance, the activities, the budget, or the expertise of those agencies. In such grandstanding speeches, agencies such as the Department of Veterans Affairs, the Air Force, or the Navy are very likely to be mentioned and to be used with a positive connotation. Their vector representation might therefore be similar to the positivity vector and upwardly bias the estimate of the reputation of those agencies.

In this section I show how the reputation estimates are sensitive to such speeches. I identify and remove all the US speeches mentioning *both* a military agency and a pre-defined set of words capturing military values. I then estimate the reputation of agencies from this new corpus of speeches and compare the estimates with the baseline estimates from the total corpus of speeches. Below I report the sample of US military agencies and the words capturing military values. After removing the speeches mentioning at least a military agency and a military value, the corpus size drops from 2,528,833 to 2,501,098 speeches (-1.1%).

Military Agencies: Air Force, Central Intelligence Agency, Department of Defense, Department of the Army, Department of the Navy, Department of Veterans Affairs, National Security Agency, Pentagon.

Military Values: duty, loyalty, sacrifice, honor, courage, selfless, integrity.

In Table D.5 I report the average number of mentions and the average reputation of military agencies from two different corpora. The *All Speeches* corpus contains all the speeches and it is the same used to measure reputation as outlined in the manuscript. For the *No Military Values* corpus, all speeches mentioning (at least) one military agency and (at least) one military-value word were removed. This is clearly a very conservative way of detecting how much speeches which praise military values drive the reputation estimates of military agencies, for the removed speeches can also convey information that should legitimately contribute to the reputation estimates.

The average number of mentions of military agencies in the no-military-values corpus drops significantly compared to the all-speeches corpus. In the all-speeches corpus, for instance, the Department of Defense is mentioned on average 1,508 times, with an average reputation of .73. But once we remove all the military agency-military value speeches, the average number of mentions drops to 966 and reputation to .66. The reputation in the all-speeches dataset is on average 12.6% higher than in the no-military-values dataset. However, the correlation between the estimates is very high, equal to .73, and the time trend of the agencies reputation remains similar (see Figure D.3).

Agency	All Speeches		No Military Values	
	Avg. Mention	Avg. Reputation	Avg. Mentions	Avg. Reputation
Air Force	1,038.31	0.75	548.28	0.64
Central Intelligence Agency	532.47	0.59	297.86	0.56
Department of Defense	1,507.64	0.73	965.67	0.66
Department of the Army	28.85	0.53	18.15	0.47
Department of the Navy	994.31	0.75	511.03	0.64
Department of Veterans Affairs	536.75	0.75	301.47	0.63
National Security Agency	84.53	0.53	51.86	0.48
Pentagon	568.36	0.45	332.94	0.44

Table D.5: Average reputation and average mentions of military agencies based on estimation from total corpus of speeches and from an alternative corpus where speeches containing military agencies and military values were removed. Averages compute from the same agency-year observations.

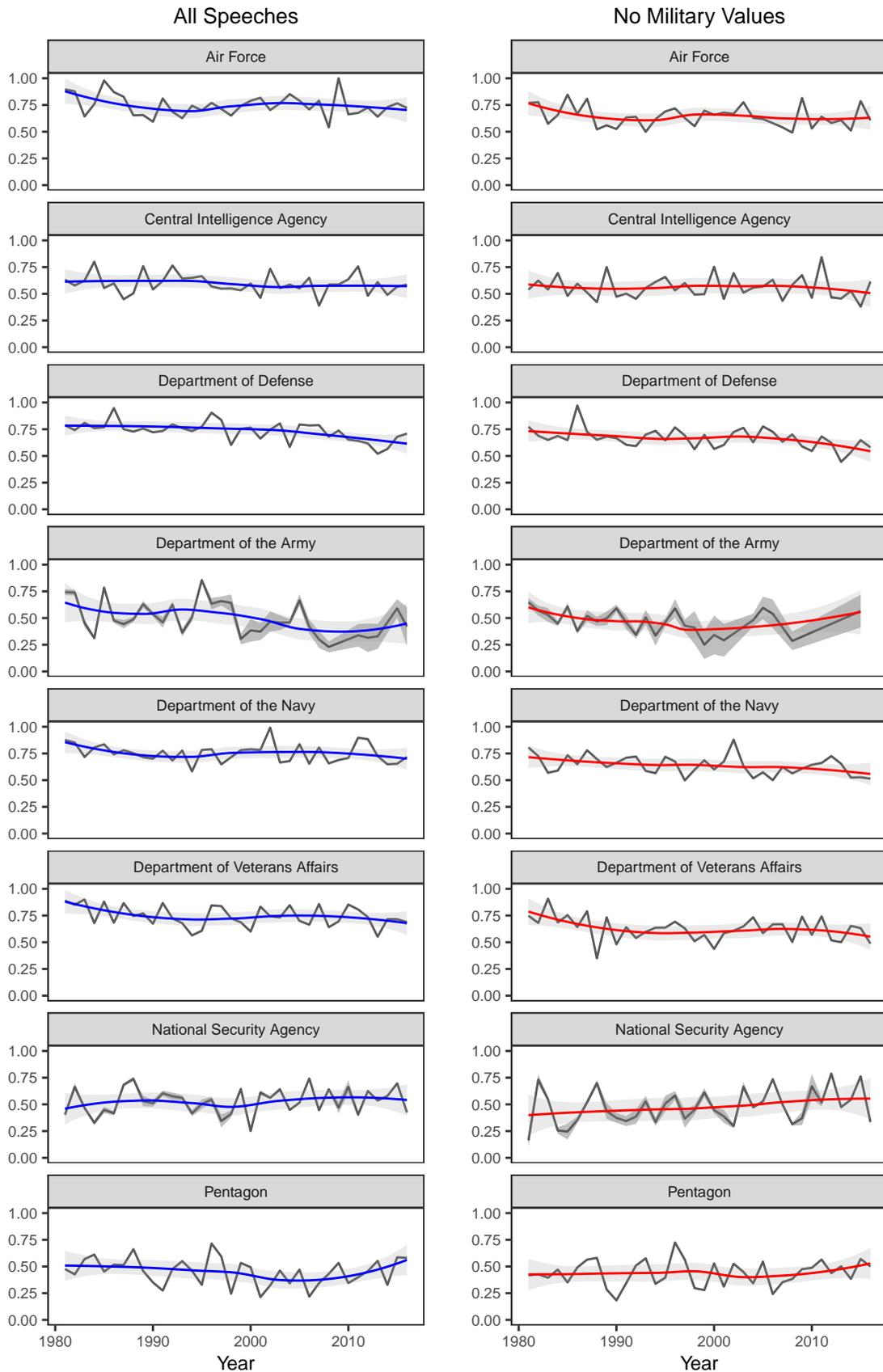


Figure D.3: Reputation of military agencies measured from two alternative corpus, one with all the speeches; one without speeches mentioning at the same time at least a military agency and a word capturing military values.

E Validation: Newspaper Articles

In Table E.6 I report descriptive statistics of the sample of UK newspaper articles used to compare the reputation estimates measured from the corpus of parliamentary speeches with estimates derived from a large corpus of more than 1.2 million newspaper articles. The sample consists of all published articles in 12 major UK newspapers between 2014 and 2019. Articles were accessed through the LexisNexis API.

Figure E.4 shows the correlation between the reputation estimates derived from the two corpora for the agency-year observations with the largest number of mentions in the news. The estimation of word embeddings from this corpus of newspaper articles is identical to the one used for parliamentary speeches, with one exception. When building the vocabulary of unique words for which I estimate word embeddings, I keep all tokens which appear in the speeches at least 5 times, whereas for newspaper articles I keep tokens appearing at least 15 times. Because of the type of language used in the news, the number of unique tokens is much larger than that of speeches and sub-setting words occurring at least 15 times help me work with a more tractable term-co-occurrence matrix.

Newspaper	N. Articles	Avg. Length (N. Words)
Daily Mail	59,129	501
Daily Mirror	60,675	210
Daily Star	56,964	168
Financial Times	26,887	477
The Daily Telegraph	559,335	366
The Guardian	48,611	837
The Independent	54,806	553
The Observer	67,234	732
The Sun	168,529	206
The Sunday Telegraph	39,698	464
The Sunday Times	48,045	473
The Times	48,929	355
Total	1,238,842	445

Table E.6: List of UK newspapers and number of articles used to estimate bureaucratic reputation from the news. The articles were obtained through the LexisNexis API. I implemented the same text-preprocessing steps and estimation procedures as those used for estimating reputation from parliamentary speeches.

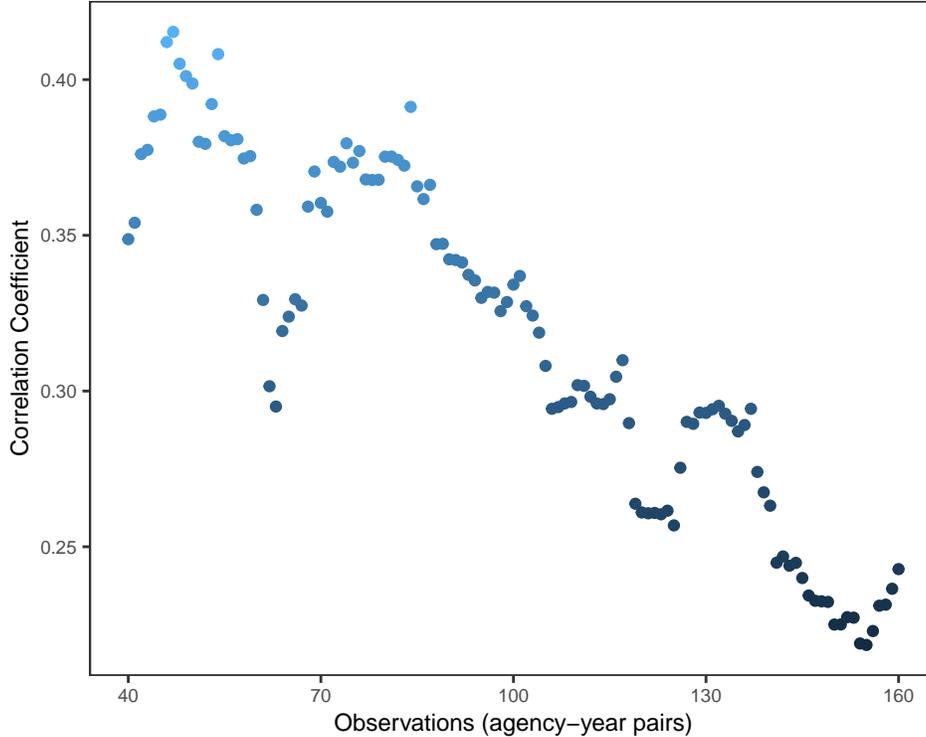


Figure E.4: Correlation coefficients between reputation estimates derived from speeches and newspaper articles. On the x-axis, the first N agency-year pairs (observations) with the highest number of mentions in the news. When agencies appear often in the news, the correlation between the two estimates is higher than 0.4 (Pearson’s product-moment correlation). The correlation coefficient decreases when including more agency-pairs that are cited less often in the news.

F Bureaucratic Polarisation: Robustness Tests

I present four robustness tests for the results reported in Table 3 of the manuscript. In Table F.7 below, I show that the WLS estimates from Model (8) are robust to using heteroskedasticity-consistent standard errors (i.e., HC2 variance estimator) (Model (1)), an alternative coding of the variable agency type which merges agencies within the Executive Office of the President with Executive Departments, and non-for-profit public organisations with independent agencies (Model (2)), a model which uses both robust standard errors and the new agency type fixed effects (Model (3)), and a model which uses robust standard errors, the new type of agency type fixed effects, and only 2014 data, the year when Selin’s data collection about agencies’ statutes ended (Model (4)). The estimated effect of independence measured as the requirements on key decision-makers is always distinguishable from zero at 90% and 95% confidence level.

	DV: Bureaucratic Polarisation			
	(1)	(2)	(3)	(4)
Ind: Decision-Makers	-0.04 [†] (0.02)	-0.03 * (0.02)	-0.03 [†] (0.02)	-0.05 * (0.02)
Ind: Political Review	0.01 (0.01)	0.01 (0.01)	0.01 (0.01)	0.01 (0.01)
Agency Type FE	Yes	Yes	Yes	Yes
R ²	0.08	0.08	0.08	0.11
Num. obs.	102	102	102	93

*** $p < 0.001$; ** $p < 0.01$; * $p < 0.05$; [†] $p < 0.1$

Table F.7: WLS estimates, standard errors in parenthesis. Model (1): HC2 variance estimator; Model (2): new coding of agency type; Model (3): HC2 SE and new coding of agency type; Model (4): Only 2014 data, HC2 SE, and new coding of agency type.

References

- Carpenter, Daniel. 2020. "On Categories and the Countability of Things Bureaucratic: Turning From Wilson (Back) to Interpretation." *Perspectives on Public Management and Governance* 3 (2): 83–93. <https://doi.org/10.1093/ppmgov/gvz025>.