

Young People's Priorities: An Illustrative Example of Scaling Skew-Symmetric Data

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Young People's Ratings on World Affairs

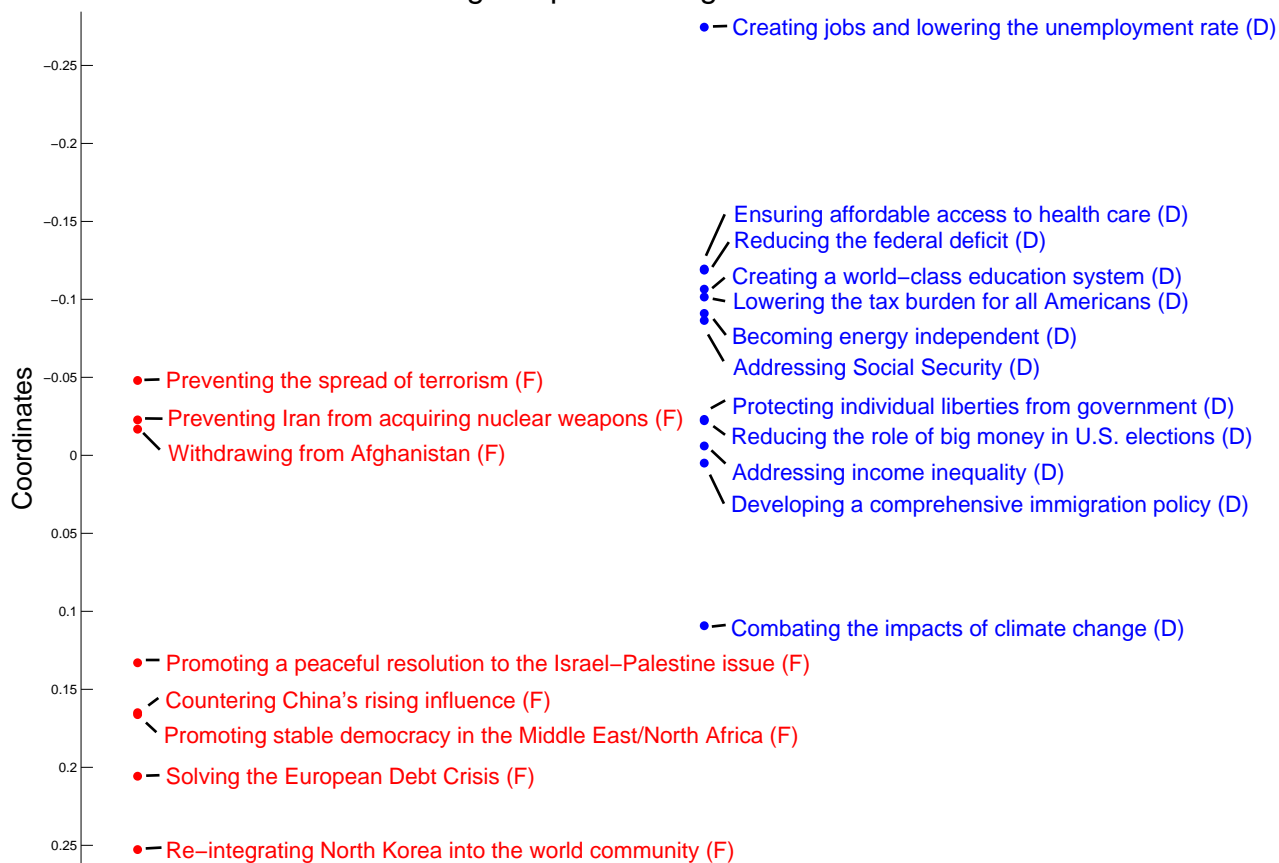


Figure 1: Young people's ratings on domestic and foreign issues ranked in terms of importance. The vertical axis represents the coordinates for the issues.

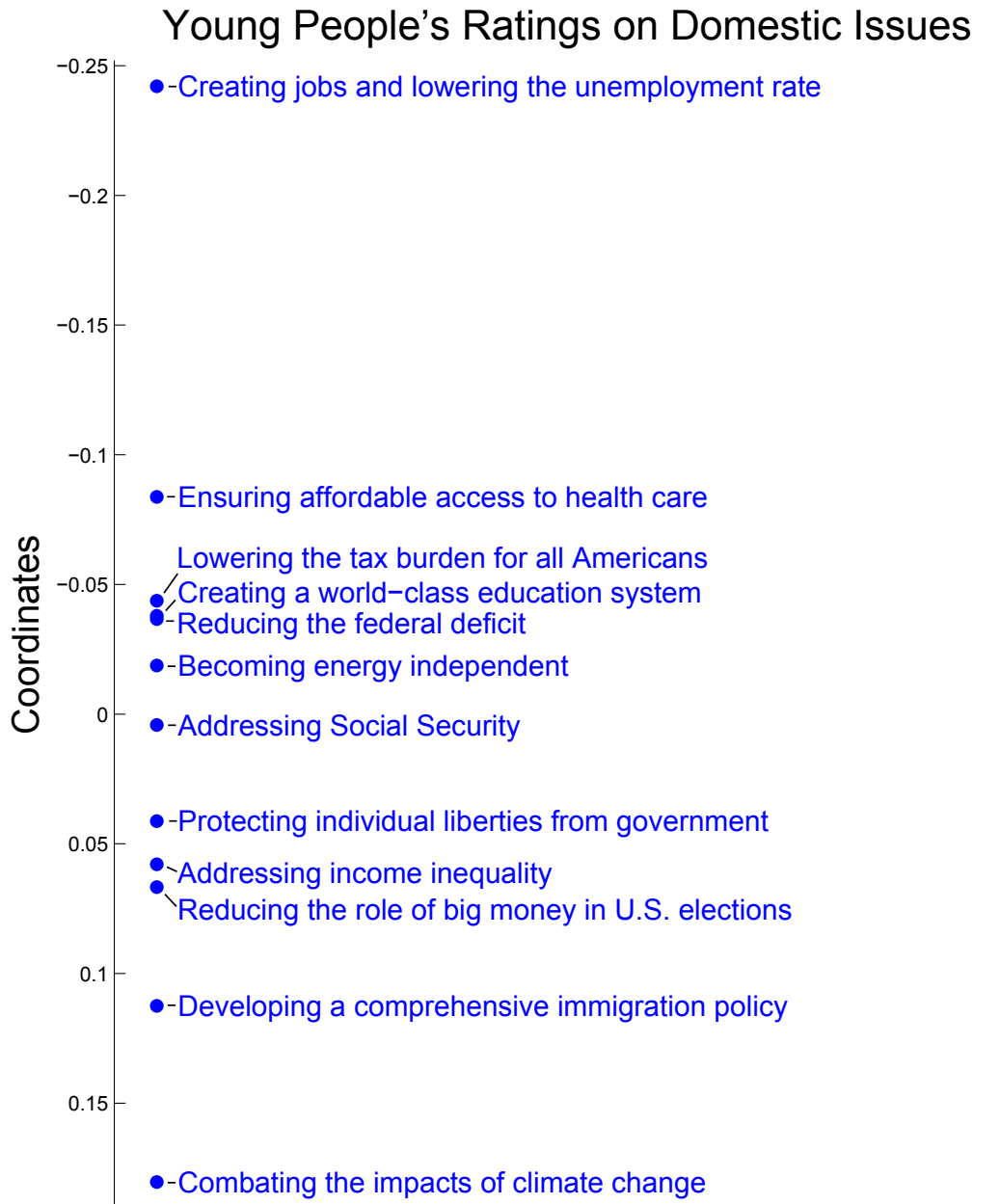


Figure 2: Young people's ratings on domestic issues ranked in terms of importance. The vertical axis represents the coordinates for the issues.

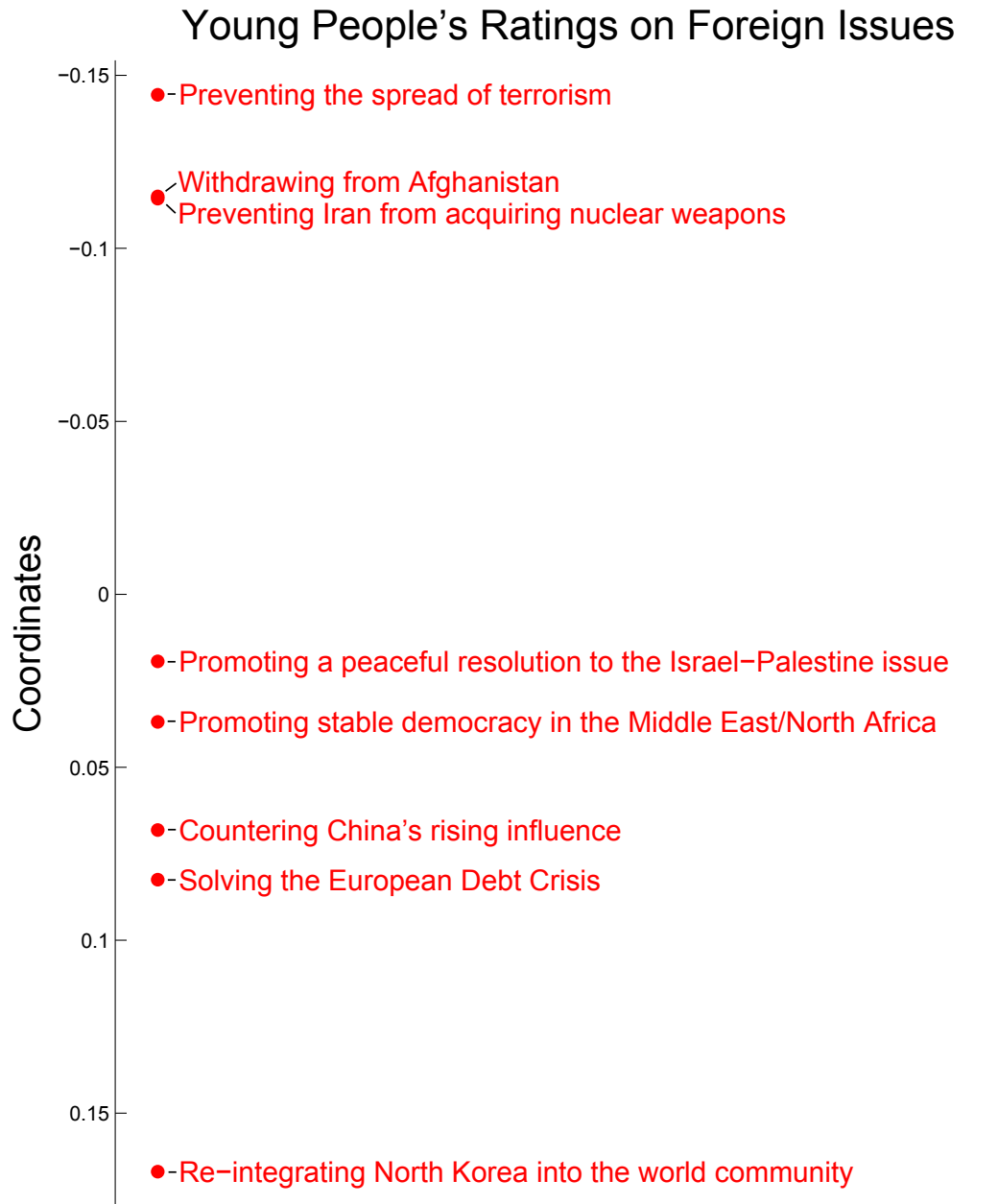


Figure 3: Young people's ratings on foreign issues ranked in terms of importance. The vertical axis represents the coordinates for the issues.

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
(1)	Creating jobs and lowering the unemployment rate	–	.66	.82	.67	.65	.62	.80	.73	.85	.89	.85	.79
(2)	Ensuring affordable access to health care	.32	–	.52	.55	.58	.57	.60	.48	.63	.68	.68	.74
(3)	Lowering the tax burden for all Americans	.18	.41	–	.55	.55	.54	.51	.66	.53	.59	.69	.72
(4)	Creating a world-class education system	.30	.41	.43	–	.54	.53	.48	.55	.58	.55	.74	.72
(5)	Reducing the federal deficit	.33	.42	.44	.41	–	.49	.54	.54	.58	.62	.70	.76
(6)	Becoming energy independent	.38	.41	.45	.46	.48	–	.55	.55	.54	.59	.60	.62
(7)	Addressing Social Security	.17	.39	.45	.52	.43	.43	–	.72	.53	.47	.55	.68
(8)	Protecting individual liberties from government	.23	.48	.34	.44	.44	.45	.28	–	.55	.60	.54	.55
(9)	Addressing income inequality	.15	.32	.46	.39	.42	.45	.47	.40	–	.38	.57	.65
(10)	Reducing the role of big money in U.S. elections	.11	.30	.41	.41	.35	.40	.47	.39	.57	–	.51	.66
(11)	Developing a comprehensive immigration policy	.15	.30	.30	.25	.30	.37	.44	.43	.40	.48	–	.64
(12)	Combating the impacts of climate change	.20	.24	.26	.27	.21	.33	.30	.44	.29	.33	.33	–

Table 1: Proportion of time young American adults rate the domestic affair issue in the row as more important than the domestic affair issue in the column.

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(1)	Preventing the spread of terrorism	–	.57	.59	.56	.68	.73	.71	.71
(2)	Withdrawing from Afghanistan	.41	–	.49	.67	.65	.73	.63	.74
(3)	Preventing Iran from acquiring nuclear weapons	.40	.49	–	.63	.62	.72	.69	.81
(4)	Promoting a peaceful resolution to the Israel-Palestine issue	.41	.32	.37	–	.50	.48	.51	.69
(5)	Promoting stable democracy in the Middle East/North Africa	.31	.28	.35	.47	–	.52	.49	.67
(6)	Countering China’s rising influence	.24	.26	.28	.47	.44	–	.59	.56
(7)	Solving the European Debt Crisis	.25	.33	.26	.49	.49	.38	–	.52
(8)	Re-integrating North Korea into the world community	.22	.23	.19	.30	.30	.37	.42	–

Table 2: Proportion of time young American adults rate the foreign affair issue in the row as more important than the foreign affair issue in the column.

	-.24	-.08	-.04	-.04	-.04	-.02	.00	.04	.06	.07	.11	.18
Creating jobs and lowering the unemployment rate	0	.17	.32	.19	.16	.12	.32	.25	.35	.39	.35	.30
Ensuring affordable access to health care	-.17	0	.06	.07	.08	.08	.11	.00	.16	.19	.19	.25
Lowering the tax burden for all Americans	-.32	-.06	0	.06	.06	.05	.03	.16	.04	.09	.20	.23
Creating a world-class education system	-.19	-.07	-.06	0	.07	.04	-.02	.06	.10	.07	.25	.23
Reducing the federal deficit	-.16	-.08	-.06	-.07	0	.01	.06	.05	.08	.14	.20	.28
Becoming energy independent	-.12	-.08	-.05	-.04	-.01	0	.06	.05	.05	.10	.12	.15
Addressing Social Security	-.32	-.11	-.03	.02	-.06	-.06	0	.22	.03	.00	.06	.19
Protecting individual liberties from government	-.25	.00	-.16	-.06	-.05	-.05	-.22	0	.08	.11	.06	.06
Addressing income inequality	-.35	-.16	-.04	-.10	-.08	-.05	-.03	-.08	0	-.10	.09	.18
Reducing the role of big money in U.S. elections	-.39	-.19	-.09	-.07	-.14	-.10	.00	-.11	.10	0	.02	.17
Developing a comprehensive immigration policy	-.35	-.19	-.20	-.25	-.20	-.12	-.06	-.06	-.09	-.02	0	.16
Combating the impacts of climate change	-.30	-.25	-.23	-.23	-.28	-.15	-.19	-.06	-.18	-.17	-.16	0

Table 3: Skew-symmetric matrix for young American adults ratings on domestic issues. The column headings represents the coordinates for each issue.

	-.14	-.12	-.11	.02	.04	.07	.08	.17
Preventing the spread of terrorism	0	.08	.10	.08	.19	.25	.23	.25
Withdrawing from Afghanistan	-.08	0	.00	.18	.19	.24	.15	.26
Preventing Iran from acquiring nuclear weapons	-.10	.00	0	.13	.14	.22	.22	.31
Promoting a peaceful resolution to the Israel-Palestine issue	-.08	-.18	-.13	0	.02	.01	.01	.20
Promoting stable democracy in the Middle East/North Africa	-.19	-.19	-.14	-.02	0	.04	.00	.19
Countering China's rising influence	-.25	-.24	-.22	-.01	-.04	0	.11	.10
Solving the European debt crisis	-.23	-.15	-.22	-.01	.00	-.11	0	.05
Re-integrating North Korea into the world community	-.25	-.26	-.31	-.20	-.19	-.10	-.05	0

Table 4: Skew-symmetric matrix for young American adults ratings on foreign issues. The column headings represents the coordinates for each issue.