

# Online Appendix

## A Gap in Our Understanding? Reconsidering the Evidence for Partisan Knowledge Gaps

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# SI 1 Signed Partisan Gaps By Item

Table SI 1.1: Partisan Knowledge Gaps by Item

Item	Study	Year	$\mu_R$	$n_R$	$\mu_D$	$n_D$	Signed Gap	$p$
Unemployment over past year	ANES	1986	0.366	276	0.301	532	0.065	0.060
Inflation over past year	ANES	1986	0.431	276	0.427	532	0.004	0.903
Unemployment over past year	ANES	1988	0.581	830	0.268	954	0.312	0.000
Inflation over past year	ANES	1988	0.504	830	0.393	954	0.111	0.000
Deficit compared to 1980	ANES	1988	0.768	776	0.729	883	-0.039	0.070
Social Security benefits since 1980	ANES	1988	0.490	774	0.393	900	0.096	0.000
School spending since 1980	ANES	1988	0.286	774	0.210	900	0.076	0.000
Unemployment over past year	ANES	1992	0.684	928	0.885	1229	0.201	0.000
Inflation over past year	ANES	1992	0.091	929	0.033	1229	-0.057	0.000
Deficit under Clinton	ANES	1996	0.247	654	0.341	894	0.094	0.000
Taxes under Clinton	ANES	1996	0.599	652	0.373	896	0.226	0.000
Deficit compared to 1992	ANES	2000	0.513	646	0.606	821	0.094	0.000
Crime compared to 1992	ANES	2000	0.298	646	0.420	822	0.122	0.000
Unemployment over past year	ANES	2004	0.442	446	0.109	518	0.334	0.000
Inflation over past year	ANES	2004	0.376	445	0.603	518	0.227	0.000
Income tax for average person under Bush	ANES	2004	0.298	485	0.131	592	0.167	0.000
Unemployment over past year	ANES	2008	0.748	644	0.903	1343	0.155	0.000
Inflation over past year	ANES	2008	0.189	646	0.148	1338	0.041	0.019
Unemployment over past year	ANES	2012	0.092	1995	0.461	3102	0.369	0.000
Obama born in U.S.	ANES	2012	0.200	1846	0.688	2888	0.488	0.000
Health care end of life	ANES	2012	0.140	1843	0.378	2872	0.239	0.000
Government knew about 9/11 -2012	ANES	2012	0.239	1850	0.204	2889	-0.036	0.003
Katrina flooding	ANES	2012	0.519	1851	0.396	2883	0.123	0.000
Unemployment over past year	ANES	2016	0.193	1728	0.559	1939	0.366	0.000
Existence of global warming	ANES	2016	0.676	1723	0.904	1934	0.228	0.000
Cause of global warming	ANES	2016	0.222	1724	0.530	1937	0.308	0.000
Government knew about 9/11 -2016	ANES	2016	0.261	1469	0.198	1665	0.063	0.000
Obama Muslim	ANES	2016	0.501	1449	0.830	1661	0.329	0.000
Iraq casualties, 2007 vs. 2008	Bullock et al.	2008	0.756	123	0.476	143	0.281	0.000
Bush inflation change	Bullock et al.	2008	0.533	122	0.857	140	0.324	0.000
Bush unemployment change	Bullock et al.	2008	0.451	122	0.729	140	0.278	0.000
Estimated Bush approval	Bullock et al.	2008	0.408	125	0.717	145	0.309	0.000
Iraq total casualties	Bullock et al.	2008	0.756	123	0.631	141	0.125	0.029
Estimated Bush approval among Republicans	Bullock et al.	2008	0.205	122	0.168	143	0.037	0.440
Obama age	Bullock et al.	2008	0.573	124	0.662	142	0.089	0.135
McCain age	Bullock et al.	2008	0.832	125	0.771	144	0.061	0.213
Afghanistan casualties, 2007 vs. 2008	Bullock et al.	2008	0.279	122	0.283	138	0.004	0.944
Bush deficit change	Bullock et al.	2008	0.911	124	0.936	140	0.024	0.456
Defense spending	Bullock et al.	2012	0.262	42	0.256	78	0.005	0.948
Iraq deaths	Bullock et al.	2012	0.143	35	0.074	94	-0.068	0.238
Iraq deaths: percent black	Bullock et al.	2012	0.278	54	0.168	95	0.109	0.115
Bush II unemployment	Bullock et al.	2012	0.093	43	0.088	91	-0.005	0.924
Obama vote in 2008	Bullock et al.	2012	0.351	37	0.158	95	0.193	0.014
Global warming	Bullock et al.	2012	0.377	53	0.444	81	0.067	0.445
Medicaid spending	Bullock et al.	2012	0.105	38	0.299	97	0.194	0.018
Debt service spending	Bullock et al.	2012	0.098	51	0.099	91	0.001	0.987
Obama unemployment	Bullock et al.	2012	0.111	36	0.175	80	-0.064	0.384
TARP: percent paid back	Bullock et al.	2012	0.132	38	0.222	81	0.091	0.247
Foreign born population	Bullock et al.	2012	0.264	53	0.395	86	0.131	0.116
Public debt	Prior et al.	2008	0.155	181	0.153	215	0.001	0.974
Unemployment	Prior et al.	2008	0.403	181	0.293	215	0.110	0.021
Uninsured	Prior et al.	2008	0.475	181	0.270	215	0.205	0.000
Estate tax	Prior et al.	2008	0.453	181	0.453	214	-0.000	0.996
Gas price	Prior et al.	2008	0.370	181	0.308	214	-0.062	0.197
Unemployment	Prior et al.	2004	0.432	88	0.233	146	0.199	0.001
Estate tax	Prior et al.	2004	0.348	92	0.380	150	0.032	0.616
Debt	Prior et al.	2004	0.239	92	0.216	148	-0.023	0.681
Uninsured	Prior et al.	2004	0.315	92	0.277	148	0.038	0.529
Poverty	Prior et al.	2004	0.413	92	0.284	148	0.129	0.039
Talks with North Korea	Jerit & Barabas	2005	0.661	611	0.578	645	0.083	0.002
North Korea nuclear weapons - 2005	Jerit & Barabas	2005	0.753	150	0.747	162	0.006	0.896
Iran nuclear weapons	Jerit & Barabas	2005	0.195	149	0.304	158	-0.109	0.027
Patriot Act - hold terrorism suspects indefinitely	Jerit & Barabas	2004	0.211	161	0.303	142	-0.092	0.068
Patriot Act - non-citizens before military tribunal	Jerit & Barabas	2004	0.323	161	0.275	142	0.048	0.361
Patriot Act - enter churches or attend rallies	Jerit & Barabas	2004	0.540	161	0.570	142	-0.030	0.601
Iraq WMD - 2004	Jerit & Barabas	2004	0.119	193	0.611	203	0.492	0.000
Iraq connected to 9/11	Jerit & Barabas	2004	0.378	193	0.606	203	0.228	0.000
Saddam Hussein a threat to Middle East	Jerit & Barabas	2004	0.943	193	0.724	203	0.219	0.000
Saddam Hussein a threat to United States	Jerit & Barabas	2004	0.834	193	0.453	203	0.381	0.000
Iraq nuclear weapons	Jerit & Barabas	2003	0.739	375	0.576	335	-0.163	0.000
North Korea nuclear weapons - 2003	Jerit & Barabas	2003	0.432	375	0.454	335	-0.022	0.561
North Korea chemical/biological weapons	Jerit & Barabas	2003	0.251	375	0.284	335	-0.033	0.323
Office recognition - VP	Jerit & Barabas	2002	0.744	317	0.618	309	0.126	0.001
Office recognition - Secretary of State - 2002	Jerit & Barabas	2002	0.607	298	0.504	345	0.103	0.009
Office recognition - Secretary of Defense	Jerit & Barabas	2002	0.390	326	0.308	315	0.082	0.030
Iran WMD	Jerit & Barabas	2002	0.468	361	0.431	299	0.037	0.346
North Korea WMD	Jerit & Barabas	2002	0.499	361	0.488	299	0.010	0.792
Issue behind Kyoto Protocol	Jerit & Barabas	2001	0.197	619	0.151	651	0.047	0.028
Senate approve tax cut	Jerit & Barabas	2001	0.591	171	0.433	210	-0.157	0.002
Senate pass McCain-Feingold	Jerit & Barabas	2001	0.281	171	0.219	210	-0.062	0.166

Limits on carbon emissions	Jerit & Barabas	2001	0.316	171	0.319	210	-0.003	0.946
Regulation of arsenic in water	Jerit & Barabas	2001	0.222	54	0.302	63	-0.079	0.336
Bush support of Kyoto Protocol	Jerit & Barabas	2001	0.226	164	0.222	212	0.004	0.928
Spending on education	Jerit & Barabas	2001	0.671	164	0.552	212	-0.119	0.019
Regulations on lead	Jerit & Barabas	2001	0.207	164	0.175	212	-0.033	0.422
Which candidate allows investment of SS in stocks/bonds	Jerit & Barabas	2000	0.372	624	0.286	756	0.086	0.001
Which candidate's wife advocates for mental illness	Jerit & Barabas	2000	0.426	624	0.470	756	0.043	0.108
Which candidate proposes missile defense system	Jerit & Barabas	2000	0.237	624	0.153	756	0.084	0.000
Which candidate proposes using surplus Medicaid \$	Jerit & Barabas	2000	0.282	624	0.335	756	0.053	0.036
Next Democratic presidential nominee	Jerit & Barabas	2000	0.813	348	0.784	388	-0.030	0.317
Next Republican presidential nominee	Jerit & Barabas	2000	0.856	348	0.786	388	0.070	0.013
Country stealing nuclear tech	Jerit & Barabas	1999	0.539	256	0.423	307	0.116	0.006
U.S. troops in Bosnia	Jerit & Barabas	1999	0.722	525	0.667	577	0.055	0.049
U.S. troops in Haiti	Jerit & Barabas	1999	0.383	525	0.300	577	0.083	0.004
Control of House - 1997	Jerit & Barabas	1997	0.612	774	0.502	909	0.111	0.000
Gingrich ethics fine	Jerit & Barabas	1997	0.424	774	0.325	909	-0.099	0.000
Trent Lott recognition	Jerit & Barabas	1997	0.262	183	0.133	203	0.129	0.001
Louis Freeh recognition	Jerit & Barabas	1997	0.120	183	0.079	203	-0.041	0.174
John Huang recognition	Jerit & Barabas	1997	0.295	183	0.192	203	0.103	0.018
Kenneth Starr recognition	Jerit & Barabas	1997	0.311	183	0.167	203	0.144	0.001
Ralph Reed recognition	Jerit & Barabas	1997	0.142	183	0.118	187	0.024	0.486
Wester Hubbell recognition	Jerit & Barabas	1997	0.230	183	0.171	187	0.058	0.161
Office recognition - CT Dem Senator who lost primary	Jerit & Barabas	2006	0.498	241	0.448	221	0.050	0.284
Medicare drug plan - cost program for poor seniors	Jerit & Barabas	2006	0.364	733	0.331	834	-0.033	0.167
Medicare drug plan - premium penalty	Jerit & Barabas	2006	0.591	733	0.588	834	0.003	0.898
Medicare drug plan - wait to switch	Jerit & Barabas	2006	0.414	186	0.432	220	-0.018	0.718
Medicare drug plan - coverage gap	Jerit & Barabas	2006	0.312	186	0.327	220	-0.015	0.740
Control of House - 2006	Jerit & Barabas	2006	0.724	620	0.701	665	0.023	0.354
Office recognition - Secretary of State - 2006	Jerit & Barabas	2006	0.497	620	0.469	665	0.028	0.323
Deadline for Medicare drug plan	Jerit & Barabas	2006	0.424	399	0.412	471	0.012	0.728
Financial penalty for no Rx coverage	Jerit & Barabas	2006	0.446	399	0.382	471	0.064	0.056
Blacks vs. whites better off - health insurance	Jerit & Barabas	2006	0.321	399	0.516	471	0.195	0.000
Blacks vs. whites better off - infant mortality	Jerit & Barabas	2006	0.273	399	0.418	471	0.145	0.000
Blacks vs. whites better off - life expectancy	Jerit & Barabas	2006	0.313	399	0.439	471	0.126	0.000
Latinos vs. whites better off - health insurance	Jerit & Barabas	2006	0.386	399	0.476	471	0.090	0.008
Latinos vs. whites better off - infant mortality	Jerit & Barabas	2006	0.391	399	0.359	471	0.032	0.329
Latinos vs. whites better off - life expectancy	Jerit & Barabas	2006	0.098	399	0.076	471	0.021	0.265
Blacks vs. whites - medical attention for heart disease	Jerit & Barabas	2006	0.358	399	0.499	471	0.141	0.000
Blacks vs. whites - medical attention for HIV/AIDS	Jerit & Barabas	2006	0.398	399	0.527	471	0.128	0.000
Clinton health plan - all Americans	Jerit & Barabas	1993	0.524	439	0.589	487	0.065	0.045
Clinton health plan - unemployed workers	Jerit & Barabas	1993	0.449	439	0.480	487	0.032	0.334
Congress considered - raise Medicare eligibility	Jerit & Barabas	1997	0.579	126	0.541	135	0.039	0.532
Congress considered - rich seniors pay higher Medicare premiums	Jerit & Barabas	1997	0.675	126	0.630	135	0.045	0.448
Congress considered - no Medicare for rich seniors	Jerit & Barabas	1997	0.341	126	0.385	135	0.044	0.463
Congress considered - expand choice under Medicare	Jerit & Barabas	1997	0.516	126	0.511	135	-0.005	0.939
Congress considered - cut Medicare payments	Jerit & Barabas	1997	0.484	126	0.489	135	-0.005	0.939
Existence of Medicare commission	Jerit & Barabas	1999	0.377	154	0.271	181	-0.106	0.038
SOTU proposal - health care tax credits for elderly and disabled	Jerit & Barabas	1999	0.343	327	0.427	356	0.084	0.024
SOTU proposal - rich seniors pay more for Medicare	Jerit & Barabas	1999	0.260	327	0.247	356	0.013	0.702
SOTU proposal - use budget surplus for Medicare	Jerit & Barabas	1999	0.517	327	0.511	356	-0.006	0.884
SOTU proposal - offer option to buy Medicaid before 65	Jerit & Barabas	1999	0.239	327	0.225	356	-0.014	0.669
SOTU proposal - use budget surplus for Social Security	Jerit & Barabas	1999	0.618	327	0.626	356	0.009	0.816
SOTU proposal - invest Social Security funds in stock market	Jerit & Barabas	1999	0.541	327	0.475	356	-0.067	0.082
SOTU proposal - individual retirement savings accounts	Jerit & Barabas	1999	0.385	327	0.466	356	-0.081	0.033
SOTU proposal - raising age for Social Security to 70	Jerit & Barabas	1999	0.275	327	0.292	356	0.017	0.625
Pot panel rec - help cancer and AIDS pain	Jerit & Barabas	1999	0.545	341	0.551	361	0.006	0.878
Pot panel rec - no evidence of gateway drug	Jerit & Barabas	1999	0.226	341	0.277	361	0.051	0.119
Pot panel rec - pot smoke more toxic than tobacco smoke	Jerit & Barabas	1999	0.284	341	0.291	361	0.006	0.852
Medical error report - new government agency	Jerit & Barabas	1999	0.310	455	0.356	433	0.046	0.148
Medical error report - tougher malpractice laws	Jerit & Barabas	1999	0.233	455	0.189	433	0.044	0.112
SOTU proposal - offer option to buy Medicare before 65	Jerit & Barabas	2000	0.344	256	0.451	346	0.107	0.008
SOTU proposal - rich seniors pay more for Medicare	Jerit & Barabas	2000	0.230	256	0.254	346	-0.024	0.501
SOTU proposal - extend Medicare to provide Rx benefits	Jerit & Barabas	2000	0.477	256	0.624	346	0.148	0.000
SOTU proposal - expand CHIP to kids' parents	Jerit & Barabas	2000	0.359	256	0.442	346	0.083	0.041
SOTU proposal - tax credit for elderly health care	Jerit & Barabas	2000	0.250	256	0.402	346	0.152	0.000
Clinton SOTU health mention - children	Jerit & Barabas	1997	0.756	86	0.828	116	0.072	0.212
Clinton SOTU health mention - workers	Jerit & Barabas	1997	0.698	86	0.716	116	0.018	0.784
Clinton SOTU health mention - low-income people	Jerit & Barabas	1997	0.233	86	0.181	116	0.052	0.370
Clinton SOTU health mention - long-term care	Jerit & Barabas	1997	0.221	86	0.121	116	0.100	0.057
Budget agreement - increase senior premiums	Jerit & Barabas	1997	0.423	336	0.390	372	0.033	0.375
Budget agreement - prescription drugs	Jerit & Barabas	1997	0.315	336	0.331	372	-0.015	0.667
Budget agreement - raising payroll tax	Jerit & Barabas	1997	0.295	336	0.242	372	-0.053	0.114
Commission rec - increasing payroll taxes	Jerit & Barabas	1998	0.215	317	0.188	394	-0.027	0.377
Commission rec - increasing retirement age	Jerit & Barabas	1998	0.669	317	0.596	394	0.072	0.047
Commission rec - investing Social Security \$ in stock market	Jerit & Barabas	1998	0.224	317	0.228	394	0.004	0.888
Commission rec - moving Social Security \$ to retirement accounts	Jerit & Barabas	1998	0.445	317	0.302	394	0.143	0.000
Law to protect consumers in HMOs	Jerit & Barabas	1998	0.447	342	0.496	359	-0.048	0.200
Right to sue HMO	Jerit & Barabas	1998	0.225	342	0.237	359	-0.012	0.716
Senate gun bill - background checks at gun shows	Jerit & Barabas	1999	0.784	269	0.768	311	-0.016	0.648
Senate gun bill - prohibits concealed carry	Jerit & Barabas	1999	0.405	269	0.347	311	0.058	0.151
Senate gun bill - raising gun owner age to 21	Jerit & Barabas	1999	0.156	269	0.174	311	-0.017	0.573
Senate gun bill - manufacture safety locks	Jerit & Barabas	1999	0.725	269	0.662	311	-0.063	0.104
Senate gun bill - using gun illegal under 18	Jerit & Barabas	1999	0.331	269	0.264	311	0.067	0.077
Clinton on guns - make agreement with NRA	Jerit & Barabas	2000	0.470	266	0.431	350	-0.038	0.342
Clinton on guns - make agreement re: safety locks	Jerit & Barabas	2000	0.647	266	0.677	350	0.031	0.428
Clinton on guns - ask Congress to pass background checks	Jerit & Barabas	2000	0.699	266	0.726	350	0.026	0.472
Clinton on guns - discontinue gun buyback	Jerit & Barabas	2000	0.335	266	0.403	350	0.068	0.083

GWB on Social Security - reduce benefits	Jerit & Barabas	2000	0.484	314	0.347	398	-0.137	0.000
GWB on Social Security - allow investment of SS payroll taxes	Jerit & Barabas	2000	0.494	314	0.382	398	0.112	0.003
GWB on Social Security - increase SS taxes	Jerit & Barabas	2000	0.468	314	0.281	398	0.187	0.000
Part of world with highest HIV/AIDS	Jerit & Barabas	2000	0.852	291	0.769	312	-0.083	0.009
Teenagers die of AIDS	Jerit & Barabas	2000	0.399	291	0.449	312	0.050	0.214
Office recognition - Tommy Thompson	Jerit & Barabas	2001	0.302	305	0.223	337	0.079	0.023
Office recognition - John Ashcroft	Jerit & Barabas	2001	0.620	305	0.493	337	0.127	0.001
HIV infection rates	Jerit & Barabas	2002	0.418	388	0.463	341	0.046	0.214
HIV/AIDS prevention	Jerit & Barabas	2002	0.387	388	0.554	341	0.168	0.000
Spread of AIDS	Jerit & Barabas	2002	0.446	388	0.490	341	0.044	0.237
Medicare law - prescription drug benefit	Jerit & Barabas	2004	0.422	351	0.348	396	-0.073	0.040
Medicare law - prescription drug discount card	Jerit & Barabas	2004	0.302	351	0.280	396	-0.022	0.515
Medicare law - drug subsidy	Jerit & Barabas	2004	0.191	351	0.154	396	-0.037	0.183
Medicare law - new cost estimates	Jerit & Barabas	2004	0.425	351	0.447	396	0.022	0.537
Discount card program - when available	Jerit & Barabas	2004	0.565	131	0.650	143	0.085	0.149
Discount card program - financial benefits for poor people	Jerit & Barabas	2004	0.382	131	0.364	143	-0.018	0.759
Approval for military force in Iraq	Jerit & Barabas	2003	0.675	375	0.687	335	-0.012	0.735
Iraq allow UN inspectors	Jerit & Barabas	2003	0.701	375	0.603	335	0.098	0.006
Public evidence about Iraq involvement in 9/11	Jerit & Barabas	2003	0.659	375	0.597	335	-0.062	0.090
Saddam Hussein threaten Israel	Jerit & Barabas	2003	0.453	375	0.487	335	-0.033	0.376

Note:  $\mu_R$  and  $\mu_D$  denote proportion of Republicans and Democrats answering the question correctly respectively.  $n_R$  and  $n_D$  denote the number of Republicans and Democrats respectively.  $p$  refers to the p-value of the signed gap.

**Table SI 1.2: Partisan Knowledge Gaps on Misinformation Items**

Item	Study	Year	$\mu_R$	$n_R$	$\mu_D$	$n_D$	Signed Gap	$p$
Obama born in U.S.	ANES	2012	0.200	1846	0.688	2888	0.488	0.000
Health care end of life	ANES	2012	0.140	1843	0.378	2872	0.239	0.000
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Obama Muslim	ANES	2016	0.501	1449	0.830	1661	0.329	0.000
Global warming	Bullock et al.	2012	0.377	53	0.444	81	0.067	0.445
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Iraq nuclear weapons	Jerit & Barabas	2003	0.739	375	0.576	335	-0.163	0.000
Public evidence about Iraq involvement in 9/11	Jerit & Barabas	2003	0.659	375	0.597	335	-0.062	0.090
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## SI 2 Knowledge Question Wordings and Correct Answers

Correct answers are in bold unless otherwise noted. The correct answers to questions from the [American National Election Studies \(N.d.\)](#) are based on information provided in the footnotes. The correct answers from [Bullock et al. \(2015\)](#), [Jerit and Barabas \(2012\)](#), and [Prior, Sood and Khanna \(2015\)](#) provided by the authors.

### [American National Election Studies \(N.d.\)](#)

- **Unemployment over past year**<sup>1</sup>

Would you say that over the past year, the level of unemployment in the country has gotten better, stayed about the same, or gotten worse?<sup>2</sup>

*Response options: Better, stayed about the same, gotten worse*

**Table SI 2.3:** Unemployment over the past year - correct responses by year

Year	Correct answer
1986	Stayed about the same
1988	Better
1992	Worse
2004	Better
2008	Worse
2012	Better
2016	Better

- **Inflation over past year**<sup>3</sup>

Would you say that over the past year, inflation has gotten better, stayed about the same,

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<sup>1</sup>National unemployment rates based on information from the Bureau of Labor Statistics (available at [data.bls.gov](http://data.bls.gov)). We followed the same coding scheme for unemployment data as described in [SI 4.2](#).

<sup>2</sup>1986 version: “Would you say that over the past year, the national unemployment rate has gotten better, stayed about the same, or gotten worse?”

<sup>3</sup>Inflation rates based on information from the Bureau of Labor Statistics (available at [data.bls.gov](http://data.bls.gov)). The specific indicator is Consumer Price Index, All Urban Consumers, which according to BLS is the inflation index most reported by national media. To determine “cor-

or gotten worse?<sup>4</sup>

*Response options: Better, stayed about the same, gotten worse*

**Table SI 2.4:** Inflation over the past year - correct responses by year

<b>Year</b>	<b>Correct answer</b>
1986	Stayed about the same
1988	Stayed about the same
1992	Better
2004	Worse
2008	Stayed about the same

- **Gap between rich and poor - 2004, 2008, 2012, 2016<sup>5</sup>**

Do you think the difference in incomes between rich people and poor people in the United States today is larger, smaller, or about the same as it was 20 years ago? *Response options: Larger, smaller, stayed about the same*

## 1988

- **Deficit compared to 1980<sup>6</sup>**

Would you say that compared to 1980 the federal budget deficit has gotten smaller, stayed about the same, or gotten larger?

*Response options: Gotten smaller, stayed about the same, gotten larger*

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rect” responses, we compared inflation levels from previous year’s annual average. Inflation was considered to have stayed “about the same” if it did not increase or decrease more than one third of one percentage point from the previous year.

<sup>4</sup>1986 version: “Would you say that over the past year, the inflation rate has gotten better, stayed about the same, or gotten worse?”

<sup>5</sup>Several sources, including [Bartels \(2008\)](#) and [inequality.org](#) demonstrate that the gap has been growing for decades.

<sup>6</sup>Size of the federal budget deficit based on information from [usgovernmentspending.com](#), a site that aggregates federal data from multiple sources. Specific indicator used is Deficit-Federal in Billions of Nominal Dollars.

- **Social Security benefits since 1980**<sup>7</sup>

Have Social Security benefits been increased, decreased, or stayed about the same as they were in 1980, or haven't you paid much attention to this?

*Response options: **Increased**, decreased, stayed about the same*

- **School spending since 1980**<sup>8</sup>

Has federal spending on public schools been increased, decreased, or stayed about the same as it was in 1980, or haven't you paid much attention to this?

*Response options: Increased, **decreased**, stayed about the same*

## 1996

- **Deficit under Clinton**<sup>9</sup>

Would you say that the size of the yearly budget deficit increased, decreased, or stayed about the same during Clinton's time as President?

*Response options: **Increased**, decreased, stayed about the same*

- **Taxes under Clinton**<sup>10</sup>

Would you say that the federal income tax paid by the average working person has increased, decreased, or stayed about the same during Clinton's time as President?

*Response options: **Increased**, decreased, stayed about the same*

## 2000

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<sup>7</sup>Social Security benefits based on information from the Social Security Administration ([ssa.gov](http://ssa.gov)). The specific indicator is Minimum and Maximum Monthly Retired-Worker Benefits Payable to Individuals who Retired at age 62, 1957-2010 (Table A27).

<sup>8</sup>School spending based on information from the Department of Education [ed.gov](http://ed.gov). Specific indicator used is Total Spending, Elementary and Secondary - Appropriation Numbers.

<sup>9</sup>Deficit based on information from [usgovernmentspending.com](http://usgovernmentspending.com), a site that aggregates federal data from multiple sources. Specific indicator used is Federal Deficit in Nominal Billions of Dollars.

<sup>10</sup>Tax rates based on information contained in [Allen \(1996\)](#).



- **Deficit compared to 1992**<sup>11</sup>

As you know, Bill Clinton was first elected President in November 1992. He will soon be leaving office after 8 years as President. The next several questions ask whether you think things have changed since Clinton came into office. First, would you say that compared to 1992, the federal budget deficit is now smaller, larger, or about the same?

*Response options: Gotten smaller, **gotten larger**, about the same*

- **Crime rate compared to 1992**<sup>12</sup>

Would you say that compared to 1992 the nation's crime rate has gotten better, gotten worse, or stayed about the same?

*Response options: **Better**, worse, the same*

## 2004

- **Income tax for average person under Bush**<sup>13</sup>

Would you say that, compared to 2000, the federal income tax paid by the average working person has increased, decreased, or stayed about the same during George W. Bush's time as President?

*Response options: Increased, **decreased**, stayed about the same*

## 2012

- **Obama born in U.S.**

Was Barack Obama definitely born in the United States, probably born in the United States, probably born in another country, or definitely born in another country?

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<sup>11</sup>Size of the federal budget deficit based on information from [usgovernmentspending.com](http://usgovernmentspending.com), a site that aggregates federal data from multiple sources. Specific indicator used is Deficit-Federal in Billions of Nominal Dollars.

<sup>12</sup>Crime rate based on information from the Brennan Center (available at <https://www.brennancenter.org/sites/default/files/publications/Crime%20Trends%201990-2016.pdf>).

<sup>13</sup>Income tax information based on information from the Center on Budget and Policy Priorities (available at <https://www.cbpp.org/sites/default/files/atoms/files/3-31-17tax.pdf>).

*Response options: **Definitely born in the U.S.**, probably born in the U.S., probably born in another country, definitely born in another country*

- **Health care end of life**

Does the health care law passed in 2010 definitely authorize government panels to make end-of-life decisions for people on Medicare, probably authorize government panels to make end-of-life decisions for people on Medicare, probably not authorize government panels to make end-of-life decisions for people on Medicare, or definitely not authorize government panels to make end-of-life decisions for people on Medicare?

*Response options: Definitely authorizes, probably authorizes, probably does not authorize, **definitely does not authorize***

- **Government knew about 9/11 - 2012**

Did senior federal government officials definitely know about the terrorist attacks on September 11, 2001 before they happened, probably knew about the terrorist attacks on September 11, 2001 before they happened, probably did not know about the terrorist attacks on September 11, 2001 before they happened, or definitely did not know about the terrorist attacks on September 11, 2001 before they happened?

*Response options: Definitely knew, probably knew, probably did not know, **definitely did not know***

- **Katrina flooding**

Some people say that when Hurricane Katrina hit the Gulf Coast in the summer of 2004, the federal government intentionally breached flood levees in New Orleans so that poor neighborhoods would be flooded and middle-class neighborhoods would be spared. Do you think the federal government definitely did this, probably did this, probably did not do this, or definitely did not do this?

*Response options: Definitely did this, probably did this, probably did not do this, **definitely did not do this***

2016

- **Global warming happening<sup>14</sup>**

You may have heard about the idea that the world's temperature may have been going up slowly over the past 100 years. What is your personal opinion on this? Do you think

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<sup>14</sup>Information on global warming taken from the Union of Concerned Scientists (available at <https://www.ucsusa.org/global-warming>).

this has probably been happening, or do you think it probably hasn't been happening?  
*Response options: **Has probably been happening**, probably hasn't been happening*

- **Global warming cause**<sup>15</sup>

(Do/Assuming it's happening, do) you think a rise in the world's temperatures would be caused mostly by human activity, mostly by natural causes, or about equally by human activity and by natural causes?

*Response options: **Mostly by human activity**, mostly by natural causes, about equally by human activity and natural causes*

- **Government knew about 9/11 - 2016**

Did senior federal government officials definitely know about the terrorist attacks on September 11, 2001 before they happened, probably knew about the terrorist attacks on September 11, 2001 before they happened, probably did not know about the terrorist attacks on September 11, 2001 before they happened, or definitely did not know about the terrorist attacks on September 11, 2001 before they happened?

*Response options: Definitely knew, probably knew, probably did not know, **definitely did not know***<sup>16</sup>

- **Obama Muslim**

Is Barack Obama a Muslim, or is he not a Muslim?

*Response options: Muslim, **Not a Muslim***

## **Bullock et al. (2015)**

### *2008 CCES Study*

- **Iraq casualties, 2007 vs. 2008**

Was the number of U.S. soldiers killed in Iraq in the first half of 2008 lower, about the same, or higher than the number who were killed in the second half of 2007?

*Response options: **lower (0)**, about the same (.5), higher (1)*

- **Bush inflation change**

Compared to January 2001, when President Bush first took office, has the level of inflation in the country increased, stayed the same, or decreased?

*Response options: **increased**, stayed about the same, decreased*

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<sup>15</sup>Information on global warming taken from the Union of Concerned Scientists (available at <https://www.ucsusa.org/global-warming>).

<sup>16</sup>The order of response options was randomized.

- **Bush unemployment change**  
Compared to January 2001, when President Bush first took office, has the level of unemployment in the country increased, stayed the same, or decreased?  
*Response options: increased, stayed about the same, decreased*
- **Estimated Bush approval**  
About what percentage of *Americans* approve of the way that George W. Bush is handling his job as President?  
*Response options: 20%, 30%, 40%, 60%, 60%*
- **Iraq total casualties**  
About how many U.S. soldiers have been killed in Iraq since the invasion in March 2003?  
*Response options: 4,000, 8,000, 12,000, 16,000, 20,000*
- **Estimated Bush approval among Republicans**  
About what percentage of *Republicans* approve of the way George W. Bush is handling his job as president?  
*Response options: 40%, 50%, 60%, 70%, 80%*
- **Obama age**  
How old is Barack Obama?  
*Response options: 37, 42, 47, 52*
- **McCain age**  
How old is John McCain?  
*Response options: 62, 67, 72, 77*
- **Afghanistan casualties, 2007 vs. 2008**  
Was the number of U.S. soldiers killed in Afghanistan in the first half of 2008 lower, about the same, or higher than the number who were killed in the second half of 2007?  
*Response options: lower, about the same, higher*
- **Bush deficit change**  
Compared to January 2001, when President Bush first took office, has the federal budget deficit in the country increased, stayed the same, or decreased?  
*Response options: increased, stayed about the same, decreased*

### *2012 MTurk Study*

- **Defense spending**  
For every dollar the federal government spent in fiscal year 2011, about how much went to the Department of Defense (US Military)?  
*Range of response line: 3 to 27 cents*  
*Correct response: 19.4 cents*

- **Iraq deaths**

About how many U.S. soldiers were killed in Iraq between the invasion in 2003 and the withdrawal of troops in December 2011? *Range of response line: 1,000 to 7,000*

*Correct response: 4,486*

- **Iraq deaths: percent black**

Approximately 12 to 13% of the US population is Black. What percentage of US Soldiers killed in Iraq since the invasion in 2003 are Black?

*Range of response line: 9% to 21%*

*Correct response: 9.90%*

- **Bush II unemployment**

From January 2001, when President Bush first took office, to January 2009, when President Bush left office, how had the unemployment rate in the country changed?

*Range of response line: -2% (unemployment decreased) to 4% (unemployment increased)*

*Correct response: increased by 3.6%*

- **Obama vote in 2008**

In the 2008 Presidential Election, Barack Obama defeated his Republican challenger John McCain. In the nation as a whole, of all the votes cast for Obama and McCain, what percentage went to Obama?

*Range of response line: 50% to 62%*

*Correct response: 53.70%*

- **Global warming**

According to NASA, by how much did annual average global temperatures, in degrees Fahrenheit, differ in 2010 from the average annual global temperature between 1951 and 1980? *Range of response line: -1 (temperatures cooler) to 2 (temperatures warmer)*

*Correct response: increased by 1.1 degrees*

- **Medicaid spending**

Medicaid is a jointly funded, Federal-State health insurance program for low-income and needy people. For every dollar the federal government spent in fiscal year 2011, about how much went to Medicaid?

*Range of response line: 3 to 27 cents*

*Correct response: 7.5 cents*

- **Debt service spending**

The Treasury Department finances U.S. Government debt by selling bonds and other financial products. For every dollar the federal government spent in fiscal year 2011, about how much went to pay interest on those Treasury securities?

*Range of response line: 3 to 27 cents*

*Correct response: 6.2 cents*

- **Obama unemployment**

From January 2009, when President Obama first took office, to February 2012, how had the unemployment rate in the country changed?

*Range of response line: -2% (unemployment decreased) to 4% (unemployment increased)*

*Correct response: **increased by 0.5%***

- **TARP: percent paid back**

The Treasury Department initiated TARP (the first bailout) during the financial crisis of 2008. TARP involved loans to banks, insurance companies, and auto companies. Of the \$414 billion spent, what percentage had been repaid, as of March 15, 2012? *Range of response line: 1 (less repaid) to 100 (more repaid)*

*Correct response: **69.56%***

- **Foreign born population**

According to the Census Bureau, in 2010 what percentage of the total population of the United States was born outside of the United States (foreign-born)?

*Range of response line: 1 to 100%*

*Correct response: **12.92%***

## **Prior, Sood and Khanna (2015)**

### *2004 Study*

- **Unemployment**

The U.S. Bureau of Labor Statistics counts a person as unemployed if they are not employed at any job and are looking for work. By this definition, what percentage of Americans was unemployed in August of 2004? If you do not know the answer, please give us your best guess.

*Response options: around 11%, around 9%, around 7%, **around 5%**, around 3%*

- **Estate tax**

There is a federal estate tax—that is, a tax on the money people leave to others when they die. What percentage of Americans leaves enough money to others for the federal estate tax to kick in? If you do not know the answer, please give us your best guess.

*Response options: about 95% of all Americans, about 70% of all Americans, about 50% of all Americans, about 25% of all Americans, **less than 5% of Americans***

- **Debt**

The outstanding public debt of the United States is the total amount of money owed by the federal government. Every year the government runs a deficit, the size of the public debt grows. Every year the government runs a surplus, the size of the public debt shrinks. In January of 2001, when President Bush took office, the outstanding public debt of the

United States was approximately 5.7 trillion dollars. Which of the following responses is closest to the outstanding public debt today? If you do not know the answer, please give us your best guess.

*Response options: less than 3.5 trillion dollars, 4.5 trillion dollars, 5.5 trillion dollars, 6.5 trillion dollars, 7.5 trillion dollars, 8.5 trillion dollars, more than 9.5 trillion dollars*

- **Uninsured**

In August 2004, the United States Census Bureau reported an estimate of the number of Americans without health insurance. The Census Bureau classified people as uninsured if they were not covered by any type of health insurance at any time in 2003. By this definition, what percentage of Americans did not have health insurance in 2003? If you do not know the answer, please give us your best guess.

*Response range: 0-100%*

*Correct response: 12.6-18.6%*

- **Poverty**

In August 2004, the Census Bureau reported how many Americans live in poverty. The poverty threshold depends on the size of the household. For example, a person under age 65 is considered to live in poverty if his or her 2003 income was below \$9,573 and a family of four is considered to live in poverty if its 2003 income was below \$18,810. By this definition, what percentage of Americans lived in poverty in 2003? If you do not know the answer, please give us your best guess.

*Response range: 0-100%*

*Correct response: 9.5-15.5%*

## 2008 Study

- **Unemployment**

The U.S. Bureau of Labor Statistics counts a person as unemployed if the person is not employed at any job and is looking for work. By this definition, 4.7 percent of Americans were unemployed in 2001 [at the beginning of President Bush's first term in office]. What percentage of Americans are currently unemployed?

*Response range: 0-100%*

*Correct response: 4.2-5.4%*

- **Estate tax**

There is a federal estate tax—that is, a tax on the money people leave to others when they die. [President Bush has repeatedly proposed to eliminate the estate tax.] What percentage of Americans leave enough money to others for the federal estate tax to kick in?

*Response options: less than 5% of all Americans, about 25% of all Americans, about 50% of all Americans, about 75% of all Americans, about 95% of all Americans*

- **Debt**

The outstanding public debt of the United States is the total amount of money owed by the federal government. Every year the government runs a deficit, the size of the public debt grows. Every year the government runs a surplus, the size of the public debt shrinks. [In January of 2001, when President Bush took office, the outstanding public debt of the United States was approximately 5.7 trillion dollars.] Which of the following responses is closest to the outstanding public debt today?

*Response options: less than 5.5 trillion dollars, 6.5 trillion dollars, 7.5 trillion dollars, 8.5 trillion dollars, **9.5 trillion dollars**, 10.5 trillion dollars, more than 11.5 trillion dollars*

- **Uninsured**

Each year, the United States Census Bureau reports an estimate of the number of Americans without health insurance. The Census Bureau classifies people as uninsured if they were not covered by any type of health insurance at any time during the year. By this definition, 14.1 percent of Americans did not have health insurance in 2001[, the year President Bush took office]. According to the latest estimate (for 2006), what percentage of Americans do not have health insurance?

*Response range: 0-100%*

*Correct response: **12.6-19.0%***

- **Gas price**

According to the American Automobile Association (AAA), the national average price for a gallon of regular gasoline was \$1.49 [at the beginning of George W. Bush's presidency] in January 2001. What is the current national average price for a gallon of regular gasoline?

*Response range: open-ended; format given \$xx.xx*

*Correct response: **3.22-3.32***

## **Jerit and Barabas (2012)**

Jerit and Barabas (2012) sourced questions from multiple surveys in their study. We present them in chronological order below. Correct responses provided by the authors unless otherwise noted.

1993

- **Clinton health plan - all Americans**

Do you happen to know, does the (President Bill) Clinton health care reform plan guarantee health insurance coverage to all Americans, or doesn't the plan go that far?

*Response options: Yes, **guarantees**; no; does not guarantee*



- **Clinton health plan - unemployed workers**

Do you happen to know, does the (President Bill) Clinton health care reform plan guarantee health insurance coverage to all Americans, or doesn't the plan go that far?

*Response options: Yes, guarantees; no; does not guarantee*

1997

- [Common introduction] As I read each of the following, please tell me to the best of your knowledge if Congress considered proposals to...

- **Congress considered - raise Medicare eligibility**

...Gradually raise the age at which someone is eligible for Medicare from 65 to 67...or not?

*Response options: Yes; no*

- **Congress considered - rich seniors pay higher Medicare premiums**

...Require upper income seniors to pay higher Medicare premiums...or not?

*Response options: Yes; no*

- **Congress considered - no Medicare for rich seniors**

...No longer provide Medicare to upper income seniors who can afford other health insurance...or not?

*Response options: Yes; no*

- **Congress considered - expand choice under Medicare**

...Give seniors wider choice of health plans under Medicare... or not?

*Response options: Yes; no*

- **Congress considered - cut Medicare payments**

...Cut Medicare payments to doctors, hospitals, and HMOs...or not?

*Response options: Yes; no*

- [Common introduction] (I would like to ask you a few questions about some things that have been in the news recently. Not everyone will have heard about them.)... In his (State of the Union) speech (January, 1997), did (Bill) Clinton propose expanding health care coverage to...

- **Clinton SOTU health mention - children**

...Children?

*Response options: Yes; no*

- **Clinton SOTU health mention - workers**

...Working people who are currently uninsured?

*Response options: Yes; no*

- **Clinton SOTU health mention - low-income people**  
 ...All low-income people?  
*Response options: Yes; no*
  
- **Clinton SOTU health mention - long-term care**  
 ...People who need long term care?  
*Response options: Yes; no*
  
- [Common introduction] (I would like to ask you a few questions about some things that have been in the news recently. Not everyone will have heard of them.) As you may know, the budget agreement by President Bill Clinton and members of Congress to balance the budget by the year 2002 included many specific measures having to do with Medicare. As far as you know, does the plan call for...
  - **Budget agreement - increase senior premiums**  
 ...Increasing premiums for all elderly Americans, or not?  
*Response options: Yes, part of plan; no, not part of plan*
  
  - **Budget agreement - prescription drugs**  
 ...Adding a new prescription drug benefit, or not?  
*Response options: Yes, part of plan; no, not part of plan*
  
  - **Budget agreement - raising payroll tax**  
 ...Raising the payroll tax that pays for part of Medicare?  
*Response options: Yes, part of plan; no, not part of plan*
  
- **Control of House - 1997**  
 Do you happen to know which political party has a majority in the U.S. House of Representatives?  
*Response options: Republicans; Democrats*
  
- **Gingrich ethics fine**  
 Do you happen to know who lent New Gingrich the money he needed to pay off his ethics fine?  
*Response options: open-ended*  
*Correct answer: Bob Dole*
  
- [Common introduction] I'm going to read a list of names of people who have been in the news. Not everyone will have heard of them. For each one, please tell me if you happen to know who that person is.

- **Trent Lott recognition**  
Trent Lott (If yes, ask:) Who is Trent Lott?  
*Response options: Open-ended*  
*Correct response: coded by Pew [Senate Majority Leader]*
- **Louis Freeh recognition**  
Louis Freeh (If yes, ask:) Who is Louis Freeh?  
*Response options: Open-ended*  
*Correct response: coded by Pew [FBI Director appointed by Clinton]*
- **John Huang recognition**  
John Huang (If yes, ask:) Who is John Huang?  
*Response options: Open-ended*  
*Correct response: coded by Pew [Scandal-tainted fundraiser for Clinton]*
- **Kenneth Starr recognition**  
Kenneth Starr (If yes, ask:) Who is Kenneth Starr?  
*Response options: Open-ended*  
*Correct response: coded by Pew [Special Prosecutor]*
- **Ralph Reed recognition**  
Ralph Reed (If yes, ask:) Who is Ralph Reed?  
*Response options: Open-ended*  
*Correct response: coded by Pew [Christian Coalition Director]*
- **Wester Hubbell**  
Wester Hubbell (If yes, ask:) Who is Wester Hubbell?  
*Response options: Open-ended*  
*Correct response: coded by Pew [Clinton Justice Department Official; involved in Whitewater scandal]*

1998

- [Common introduction] Now I'm going to read you some things that might be done to help keep the Social Security System financially sound. As I read each one, tell me if you think the commission on Social Security which is made up of members of Congress and the private sector has recommended that this be done, or has not made this recommendation. (First), as far as you know, has the commission recommended...
  - **Commission rec - increasing payroll taxes**  
...Increasing Social Security payroll taxes on the wages of employed people under 65?  
*Response options: Yes; no*

– **Commission rec - increasing retirement age**

...Raising the retirement age at which someone becomes eligible for Social Security benefits?

*Response options: Yes; no*

– **Commission rec - investing Social Security \$ in stock market**

...Investing Social Security funds in the stock market?

*Response options: Yes; no*

– **Commission rec - moving Social Security \$ to retirement accounts**

...Shifting some money from the Social Security trust fund into individual retirement accounts?

*Response options: Yes; no*

• **Law to protect consumers in HMOs**

There have been stories in the news lately about whether Congress should pass laws to make sure people get the care they need from HMOs and other managed care plans. From what you've seen or heard, has Congress passed a law to protect the rights of consumers in managed care plans?

*Response options: Yes, passed a law to protect consumer rights; no, hasn't passed a law to protect consumer rights*

• **Right to sue HMO**

From what you've heard or read, do people in this country have the right to sue an HMO or managed care plan if the plan inappropriately denied services or treatments, or not?

*Response options: Yes, have the right to sue; no, do not*

1999

• **Existence of Medicare commission**

Now I have a few questions about Medicare...National bipartisan commissions are sometimes created to study national problems and make recommendations to the President and Congress. As far as you know, is there such a commission now studying the future of Medicare, or not?

*Response options: Yes, there is a commission studying Medicare; no, there is not a commission studying Medicare; don't know if there is a commission*

- [Common introduction] In his recent State of the Union address, President Clinton made some proposals that would affect health care for seniors. Based on what you've seen or heard in the news lately, tell me whether or not the President proposed doing each of the following: (First), as far as you know, did he propose...

– **SOTU proposal - health care tax credits for elderly and disabled**

...Offering tax credits to help people pay for long-term health care for the elderly and disabled?

*Response options: Yes; no*

– **SOTU proposal - rich seniors pay more for Medicare**

...Asking seniors with higher incomes to pay more for Medicare?

*Response options: Yes; no*

– **SOTU proposal - use budget surplus for Medicare**

...Using part of the federal budget surplus to help make the Medicare program financially sound?

*Response options: Yes; no*

– **SOTU proposal - offer option to buy Medicaid before 65**

...Offering early retirees the option of buying insurance under Medicare before they turn 65?

*Response options: Yes; no*

– **SOTU proposal - use budget surplus for Social Security**

...Using a part of the federal budget surplus to help make the Social Security program financially sound?

*Response options: Yes; no*

– **SOTU proposal - invest Social Security funds in stock market**

...Taking part of the Social Security funds and having an independent board invest them in the stock market?

*Response options: Yes; no*

– **SOTU proposal - individual retirement savings accounts**

...Helping people set up individual savings accounts that can be used for retirement?

*Response options: Yes; no*

– **SOTU proposal - raising age for Social Security to 70**

...Raising the age of eligibility for Social Security to 70 years?

*Response options: Yes; no*

- [Common introduction] Thinking again about the government panel studying marijuana...From what you've seen or heard in the news, tell me whether the panel did or did NOT reach the following conclusions. (First), did the panel conclude that...

– **Pot panel rec - help cancer and AIDS pain**

...Marijuana can help cancer and AIDS patients manage pain and nausea?

*Response options: Yes, did; no, did not*

- **Pot panel rec - no evidence of gateway drug**  
 ...There is no evidence that marijuana leads to the use of harder drugs like cocaine?  
*Response options: Yes, did; no, did not*
  - **Pot panel rec - pot smoke more toxic than tobacco smoke**  
 ...Marijuana smoke is more toxic than tobacco smoke?  
*Response options: Yes, did; no, did not*
- [Common introduction] Recently the Institute of Medicine of the National Academy of Sciences delivered a report about medical errors in hospitals. [And] to the best of your knowledge, did this report call for each of the following actions or not? (First,) did the report call for...
  - **Medical error report - new government agency**  
 ...A new government agency to protect patients against medical errors in hospitals?  
*Response options: Yes; no*
  - **Medical error report - tougher malpractice laws**  
 ...Tougher malpractice laws against doctors and hospitals who commit medical errors?  
*Response options: Yes; no*
- [Common introduction] Recently the Institute of Medicine of the National Academy of Sciences delivered a report about medical errors in hospitals. [And] to the best of your knowledge, did this report call for each of the following actions or not? (First,) did the report call for...
  - **Medical error report - new government agency**  
 ...A new government agency to protect patients against medical errors in hospitals?  
*Response options: Yes; no*
  - **Medical error report - tougher malpractice laws**  
 ...Tougher malpractice laws against doctors and hospitals who commit medical errors?  
*Response options: Yes; no*
- [Common introduction] The U.S. Senate recently passed a bill containing new laws about guns. The U.S. House of Representatives is now considering whether to pass this bill and send it to the President. As I read you a list of some different proposals, please tell me whether or not you think each was part of the bill passed by the Senate. (First), as far as you know, was this proposal part of the bill passed by the Senate...

- **Senate gun bill - background checks at gun shows**  
 ...Requiring background checks on people who buy firearms at gun shows?  
*Response options: Yes, did; no, did not*
- **Senate gun bill - prohibits concealed carry**  
 ...Prohibiting states from allowing citizens to carry concealed weapons?  
*Response options: Yes, did; no, did not*
- **Senate gun bill - raising gun owner age to 21**  
 ...Raising the minimum age for buying a gun to 21?  
*Response options: Yes, did; no, did not*
- **Senate gun bill - manufacture safety locks**  
 ...Requiring gun manufacturers to include safety locks on all guns they sell?  
*Response options: Yes, did; no, did not*
- **Senate gun bill - using gun illegal under 18**  
 ...Making it illegal for children under 18 to fire or use a gun?  
*Response options: Yes, did; no, did not*

- **Country stealing nuclear tech**

Do you happen to know which country was recently accused of stealing nuclear technology from the United States?

*Response options: Open-ended*

*Correct response: China*

- **U.S. troops in Bosnia**

As far as you know, does the United States currently have troops stationed in Bosnia, or not?

*Response options: Yes, in Bosnia; no, not in Bosnia*

- **U.S. troops in Haiti**

As far as you know, does the United States currently have troops stationed in Haiti, or not?

*Response options: Yes, in Haiti; no, not in Haiti*

2000

- [Common introduction] In his recent State of the Union address, President Clinton made some proposals affecting health care. From what you've seen or heard in the news, please tell me whether or not the president proposed doing each of the following. (First), did he propose...

- **SOTU proposal - offer option to buy Medicare before 65**  
 Extending Medicare, the federal program that provides health insurance to the elderly and some disabled people, by allowing individuals between the ages of 55 to 65 to buy into it?  
*Response options: Yes, **proposed**; no, not proposed*
- **SOTU proposal - rich seniors pay more for Medicare**  
 ...Asking seniors with higher incomes to pay more for Medicare?  
*Response options: Yes, **proposed**; no, **not proposed***
- **SOTU proposal - extend Medicare to provide Rx benefits**  
 ...Extending Medicare to provide prescription drug benefits?  
*Response options: Yes, **proposed**; no, not proposed*
- **SOTU proposal - expand CHIP to kids' parents**  
 ...Expanding current government programs that provide health coverage for uninsured children to cover their parents as well?  
*Response options: Yes, **proposed**; no, not proposed*
- **SOTU proposal - tax credit for elderly health care**  
 ...Offering a \$3,000 tax credit to help people pay for long-term health care for the elderly??  
*Response options: Yes, **proposed**; no, not proposed*
- [Common introduction] Thinking about President Clinton and gun control...From what you've seen or heard in the news, which of the following things, if any, did President Clinton do over the past month...
  - **Clinton on guns - make agreement with NRA**  
 ...Make an agreement about gun control policies with the NRA – that is, the National Rifle Association?  
*Response options: Yes, **he did**; no, **he did not***
  - **Clinton on guns - make agreement re: safety locks**  
 ...Make an agreement with a large gun manufacturer to provide safety locks on handguns within the year?  
*Response options: Yes, **he did**; no, he did not*
  - **Clinton on guns - ask Congress to pass background checks**  
 ...Call on Congress to pass legislation requiring background checks for guns sold at gun shows?  
*Response options: Yes, **he did**; no, he did not*



- **Clinton on guns - discontinue gun buyback**  
 ...Decide to discontinue his gun buyback program due to lower crime rates?  
*Response options: Yes, he did; no, he did not*
  
- [Common introduction] From what you've seen or heard in the news in the last month regarding presidential candidate George W. Bush's proposals to make the Social Security program more financially sound, please tell me whether or not Bush proposed doing each of the following. Did he propose...
  - **GWB on Social Security - reduce benefits**  
 ...Reducing Social Security benefits, or not?  
*Response options: Yes, proposed; no, not proposed*
  
  - **GWB on Social Security - allow investment of SS payroll taxes**  
 ...Allowing workers to invest some of their Social Security payroll taxes in the stock market, or not?  
*Response options: Yes, proposed; no, not proposed*
  
  - **GWB on Social Security - increase SS taxes**  
 ...Increasing Social Security taxes, or not?  
*Response options: Yes, proposed; no, not proposed*
  
- **Part of world with highest HIV/AIDS**  
 Now I have some questions about the problem of AIDS and HIV, the virus that causes AIDS. Which ONE of the following parts of the world today do you think has the largest number of people with HIV and AIDS? Is it...Africa, Latin America, or the U.S.?  
*Response options: Africa; Latin America; U.S.; Eastern Europe*
  
- **Teenagers die of AIDS**  
 In the African countries hit hardest by HIV, about how many teenagers do health officials think will eventually die of AIDS...one-quarter, one-third, or one-half?  
*Response options: One-quarter; one-third; one-half*
  
- **Which candidate allows investment of SS in stocks/bonds**  
 Do you happen to know which candidate has proposed allowing workers to invest some of their Social Security contributions in stocks and bonds?  
*Response options: Open-ended*  
*Correct response: George W. Bush*
  
- **Which candidate's wife advocates for mental illness**  
 Do you happen to know which candidate's wife has spoken out about the need to help Americans with mental illnesses?  
*Response options: Open-ended*  
*Correct response: Al Gore*

- **Which candidate proposes missile defense system**  
 Do you happen to know which candidate has proposed a missile defense system and to reduce the number of U.S. nuclear warheads, even if Russia refuses to do the same?  
*Response options: Open-ended*  
*Correct response: **George W. Bush***
- **Which candidate proposes using surplus Medicaid \$**  
 Do you happen to know which candidate has proposed using surplus Medicare funds to protect the program's future?  
*Response options: Open-ended*  
*Correct response: **Al Gore***
- **Next Democratic presidential nominee**  
 Do you happen to know who will probably be the (2000) Democratic presidential nominee?  
*Response options: Open-ended*  
*Correct response: **Al Gore***
- **Next Republican presidential nominee**  
 Do you happen to know who will probably be the (2000) Republican presidential nominee?  
*Response options: Open-ended*  
*Correct response: **George W. Bush***

## 2001

- **Office recognition - Tommy Thompson**  
 From what you have seen or heard in the news, which Cabinet position did President (George W.) Bush nominate former Wisconsin Governor Tommy Thompson to fill? Was it Attorney General, Secretary of Health and Human Services, or Secretary of the Interior?  
*Response options: Attorney General; Secretary of Health and Human Services; **Secretary of the Interior***
- **Office recognition - John Ashcroft**  
 From what you have seen or heard in the news, which Cabinet position did President (George W.) Bush nominate former Missouri Senator John Ashcroft to fill? Was it Attorney General, Secretary of Health and Human Services, or Secretary of the Interior?  
*Response options: **Attorney General**; Secretary of Health and Human Services; Secretary of the Interior*

- **Issue behind Kyoto Protocol**

Recently, President (George W.) Bush withdrew U.S. (United States) support for an international treaty known as the Kyoto Protocol. What issue does this agreement address?

*Response options: Open-ended*

*Correct response: **Environment/global warming/greenhouse gas emissions/climate change/pollution/clean air/air quality/ozone***

- **Senate approve tax cut**

To the best of your knowledge, did the Senate approve George W. Bush's 1.6 trillion dollar tax cut proposal, did they vote for a larger tax cut or did they vote for a smaller tax cut?

*Response options: **Approved Bush's 1.6 trillion dollar proposal; voted for a larger tax cut; voted for a smaller tax cut***

- **Senate pass McCain-Feingold**

Do you happen to know whether the Senate passed the (John) McCain-(Russ) Feingold campaign finance reform bill, or did they vote it down?

*Response options: **Passed the bill; voted it down***

- **Limits on carbon emissions**

Do you happen to know whether George W. Bush has decided to place limits on carbon dioxide emissions from power plants, or has he decided not to do this?

*Response options: **Has decided to place limits on emissions; has decided not to do this***

- **Regulation of arsenic in water**

Do you happen to know whether George W. Bush has decided to tighten regulations on the amount of arsenic that can be allowed in drinking water, or has he decided to make these regulations less stringent?

*Response options: **Has decided to tighten regulations; has decided to make regulations less stringent; has left regulations unchanged (vol.)***

- **Bush support of Kyoto Protocol**

Do you know whether George W. Bush has decided that the U.S. (United States) will continue to support the global warming agreement, enacted in Kyoto, Japan in 1997, or has he decided to withdraw US support from that agreement?

*Response options: **Decided to continue to support the agreement; decided to withdraw U.S. support***

- **Spending on education**

In his budget proposal, do you happen to know whether George W. Bush proposed increasing spending on education, decreasing spending on education, or keeping spending on education about the same?

*Response options: **Proposed increasing spending; proposed decreasing spending; proposed keeping spending the same***

- **Regulations on lead**

Do you happen to know whether George W. Bush has decided to impose stricter regulations on manufacturers who release lead into the environment, or has he decided to make these regulations less stringent?

*Response options: **Decided to impose stricter regulations**; decided to make regulations less stringent; left regulations unchanged (vol)*

2002

- **HIV infection rates**

Thinking about what you have heard or seen in the news, which of the following statements best summarizes the latest reports on global HIV/AIDS from the (2002) International AIDS conference in Barcelona (Spain)?...HIV infection rates are declining worldwide. The projected number of worldwide AIDS cases in the next 20 years will be higher than researchers initially thought. While HIV infection rates are rising, new treatments are widely available around the world and allowing many more people worldwide to live with the disease.

*Response options: HIV infection rates are declining worldwide; **the projected number of worldwide AIDS cases in the next 20 years will be higher than researchers initially thought**; while HIV infection rates are rising, new treatments are widely available around the world and allowing many more people worldwide to live with the disease*

- **HIV/AIDS prevention**

Thinking about what you have heard or seen in the news, which of the following statements comes closest to the findings about global HIV/AIDS prevention presented at the (2002) International AIDS conference in Barcelona (Spain)?

*Response options: **Prevention programs could dramatically reduce the spread of HIV if given more funding**; prevention programs are not effective and more funding for prevention will not have a big impact*

- **Spread of AIDS**

To the best of your knowledge, which of the following statements about global HIV/AIDS is more accurate?

*Response options: **The majority of AIDS cases worldwide are among women and youth who get AIDS through heterosexual contact**; majority of AIDS cases worldwide are among gay men and intravenous drug users who get AIDS through sharing contaminated needles*

- **Office recognition - VP**

Can you tell me the name of the current vice president of the United States?

*Response options: Open-ended*

*Correct answer: **Dick Cheney***

- **Office recognition - Secretary of State - 2002**

Can you tell me the name of the current Secretary of State?

*Response options: Open-ended*

*Correct answer: **Colin Powell***

- **Office recognition - Secretary of Defense**

Can you tell me the name of the current Secretary of Defense?

*Response options: Open-ended*

*Correct answer: **Donald Rumsfeld***

- **Iran WMD**

Do you think Iran currently has weapons of mass destruction, is trying to develop these weapons but does not currently have them, or is not trying to develop weapons of mass destruction?

*Response options: **Currently has weapons; is trying to develop weapons; is not trying to develop weapons***

- **Iran WMD**

Do you think Iran currently has weapons of mass destruction, is trying to develop these weapons but does not currently have them, or is not trying to develop weapons of mass destruction?

*Response options: **Currently has weapons; is trying to develop weapons; is not trying to develop weapons***

- **North Korea WMD**

Do you think North Korea currently has weapons of mass destruction, is trying to develop these weapons but does not currently have them, or is not trying to develop weapons of mass destruction?

*Response options: **Currently has weapons; is trying to develop weapons; is not trying to develop weapons***

## 2003

- [Common introduction] Now thinking about more recent events, please tell me whether—as far as you know—each of the following happened or did not happen over the past few months? As far as you know...

- **Approval for military force in Iraq**

...Did President (George W.) Bush win the approval of Congress to use military force against Iraq?

*Response options: **Yes, happened; no, did not happen***

– **Iraq allow UN inspectors**

...Did Iraq agree to allow United Nations weapons inspectors into the country to look for evidence of banned nuclear, chemical, and biological weapons?

*Response options: Yes, **happened**; no, did not happen*

– **Public evidence about Iraq involvement in 9/11**

...Did the Bush Administration publicly release evidence that Iraq was involved in the planning and funding of the September 11th (2001) terrorist attacks (on the World Trade Center and the Pentagon)?

*Response options: Yes, happened; no, **did not happen***

– **Saddam Hussein threaten Israel**

...Did the Bush Administration publicly release evidence that Iraq was involved in the planning and funding of the September 11th (2001) terrorist attacks (on the World Trade Center and the Pentagon)?

*Response options: Yes, happened; no, **did not happen***

• **Iraq nuclear weapons**

As far as you know, does Iraq now have nuclear weapons, or not?

*Response options: Yes; no*

• **North Korea nuclear weapons - 2003**

As far as you know, does North Korea now have nuclear weapons, or not?

*Response options: Yes; no*

• **North Korea chemical/biological weapons**

As far as you know, does North Korea now have chemical or biological weapons, or not?

*Response options: Yes; no*

2004

- [Common introduction] Next, I will read a list of things government officials can do when conducting a terrorism investigation. For each, please tell me if this is something government officials can do specifically because of the Patriot Act, or if it is something they could have done prior to the Patriot Act being passed. How about...

– **Patriot Act - hold terrorism suspects indefinitely**

...hold terrorism suspects indefinitely without charging them with a crime or allowing them access to a lawyer?

*Response options: Can do because of the Patriot Act; **could do before Patriot Act passed***

– **Patriot Act - non-citizens before a military tribunal**

...require non-U.S. citizens who are suspected of terrorism offenses to face a trial before a military tribunal

*Response options: Can do because of the Patriot Act; **could do before Patriot Act passed***

– **Patriot Act - enter churches or attend rallies**

...enter houses of worship or attend political rallies

*Response options: Can do because of the Patriot Act; **could do before Patriot Act passed***

• **Medicare law - prescription drug benefit**

You may have heard news in late 2003 about debates in Congress on a bill that would add a prescription drug benefit to Medicare. To the best of your knowledge, was this bill passed by Congress and signed into law by President (George W.) Bush, or not?

*Response options: **Yes, has been passed and signed into law**; no, has not been passed*

• **Medicare law - prescription drug discount card**

As far as you know, does the new Medicare law include a prescription drug discount card for seniors that will be available this year (2004), is this not something that's included in the law, or don't you know enough to say?

*Response options: **Drug discount will be available this year**; drug discount card is not included in the law*

• **Medicare law - drug subsidy**

And as far as you know, does the Medicare law include a financial subsidy that will be available this year for low-income seniors to help them with their drug costs, is this not something that's included in the law, or don't you know enough to say?

*Response options: **Financial subsidy will be available this year**; financial subsidy is not included in the law*

• **Medicare law - new cost estimates**

You may also have heard news about the Bush Administration's new cost estimates of the Medicare prescription drug law that was passed in December 2003. From what you've seen or heard in the news, were these new cost estimates higher or lower than previously released estimates?

*Response options: **Higher**; lower; about the same (vol.)*

• **Discount card program - when available**

And, to the best of your knowledge, when will these [prescription drug] discount cards be available? Will they be available this year (2004), next year (2005), or the year after that (2006)?

*Response options: **This year (2004)**; next year (2005); the year after that (2006)*

- **Discount card program - financial benefits for poor people**

To the best of your knowledge, does the [prescription drug] discount card program include additional financial assistance for low-income people on Medicare to help them with their drug costs, is this not something that's included, or don't you know enough to say?

*Response options: Yes, **included**; No, not included; don't know enough to say*

- [Common introduction] Based on what you have learned, please tell me whether you believe each of the following is true or is not true...

- **Iraq WMD - 2004**

...Iraq had weapons of mass destruction?

*Response options: True; **not true***

- **Iraq connected to 9/11**

...Iraq was connected to the September eleventh terrorist attacks?

*Response options: True; **not true***

- **Saddam Hussein a threat to Middle East**

...Saddam Hussein represented a threat in the Middle East?

*Response options: **True**; not true*

- **Saddam Hussein a threat to United States**

...Saddam Hussein represented a threat to the United States?

*Response options: **True**; not true*

## 2005

- **Iran nuclear weapons**

As far as you know, does Iran now have nuclear weapons, or not?

*Response options: Yes; **no***

- **Talks with North Korea**

The U.S. and other nations are conducting talks with North Korea. What is the main issue these nations are discussing?

*Response options: open-ended; mentions of "nuclear" or "weapons" marked as correct*

- **North Korea nuclear weapons - 2005**

As far as you know, does North Korea have nuclear weapons, or not?

*Response options: **Yes**; no*

## 2006



- **Control of House - 2006**

Do you happen to know which political party has a majority in the U.S. House of Representatives?

*Response options: **Republican**; Democrat*

- **Office recognition - Secretary of State - 2006**

Can you tell me the name of the current Secretary of State?

*Response options: open-ended; mentions of “Condoleezza Rice” or “Condi” or “Rice” marked as correct*

- **Deadline for Medicare drug plan**

To the best of your knowledge, when is the 2006 deadline for seniors to enroll in a new Medicare drug plan? It is May 15, June 15, July 15th, or is there no deadline?

*Response options: **May 15th**; June 15th; July 15th; no deadline*

- **Financial penalty for no Rx coverage**

To the best of your knowledge, would a senior without prescription drug coverage have to pay a financial penalty for late enrollment if he or she waits until 2007 to sign up Medicare drug plan, or not?

*Response options: **Yes, will have to pay**; No, will not have to pay*

- [Common introduction] Thinking about African Americans in our country today, do you think the average African American is better off, worse off, or just as well off as the average white person when it comes to each of the following:

- **Blacks vs. whites better off - health insurance**

...being covered by health insurance?

*Response options: Better off; **worse off**; just as well off*

- **Blacks vs. whites better off - infant mortality**

...infant mortality—that is, a baby’s change of surviving after birth?

*Response options: Better off; **worse off**; just as well off*

- **Blacks vs. whites better off - life expectancy**

...life expectancy—that is, how long someone can expect to live?

*Response options: Better off; **worse off**; just as well off*

- [Common introduction] Next, thinking about Latinos in our country today, do you think the average Latino is better off, worse off, or just as well off as the average white person when it comes to each of the following:

- **Latinos vs. whites better off - health insurance**  
 ...being covered by health insurance?  
*Response options: Better off; worse off; just as well off*
  
- **Latinos vs. whites better off - infant mortality**  
 ...infant mortality—that is, a baby’s change of surviving after birth?  
*Response options: Better off; worse off; just as well off*
  
- **Latinos vs. whites better off - life expectancy**  
 ...life expectancy—that is, how long someone can expect to live?  
*Response options: Better off; worse off; just as well off*
  
- [Common introduction] Now, I am going to read you some statements. Please tell me whether you think each statement is true or false.
  - **Blacks vs. whites better off - medical attention for heart disease**  
 African Americans with heart disease are just as likely as whites who have heart disease to get specialized medical procedures and surgery.  
*Response options: True; false*
  
  - **Blacks vs. whites better off - medical attention for HIV/AIDS**  
 Whites with HIV or AIDS are more likely than African Americans with HIV or AIDS to get the newest medicines and treatments.  
*Response options: True; false*
  
- **Office recognition - CT Dem Senator who lost primary**  
 Do you happen to know the name of the Democratic senator from Connecticut who recently lost in the state’s primary election?  
*Response options: open-ended; “Joe Lieberman” coded as correct*
  
- **Medicare drug plan - cost program for poor seniors**  
 To the best of your knowledge, is there a program through Social Security that gives low-income seniors extra help with prescription drug costs under the new Medicare drug benefit, or not?  
*Response options: Yes; no*
  
- **Medicare drug plan - premium penalty**  
 To the best of your knowledge, if seniors wait until next year or later to enroll in a Medicare drug plan, will they have to pay higher premiums, sometimes called a “premium penalty,” or not?  
*Response options: Yes; no*

- **Medicare drug plan - wait to switch**

To the best of your knowledge, if you are dissatisfied with your new Medicare drug plan, can you change to a different plan whenever you want, or do you have to wait for a specific period?

*Response options: Can change to different plan; **have to wait***

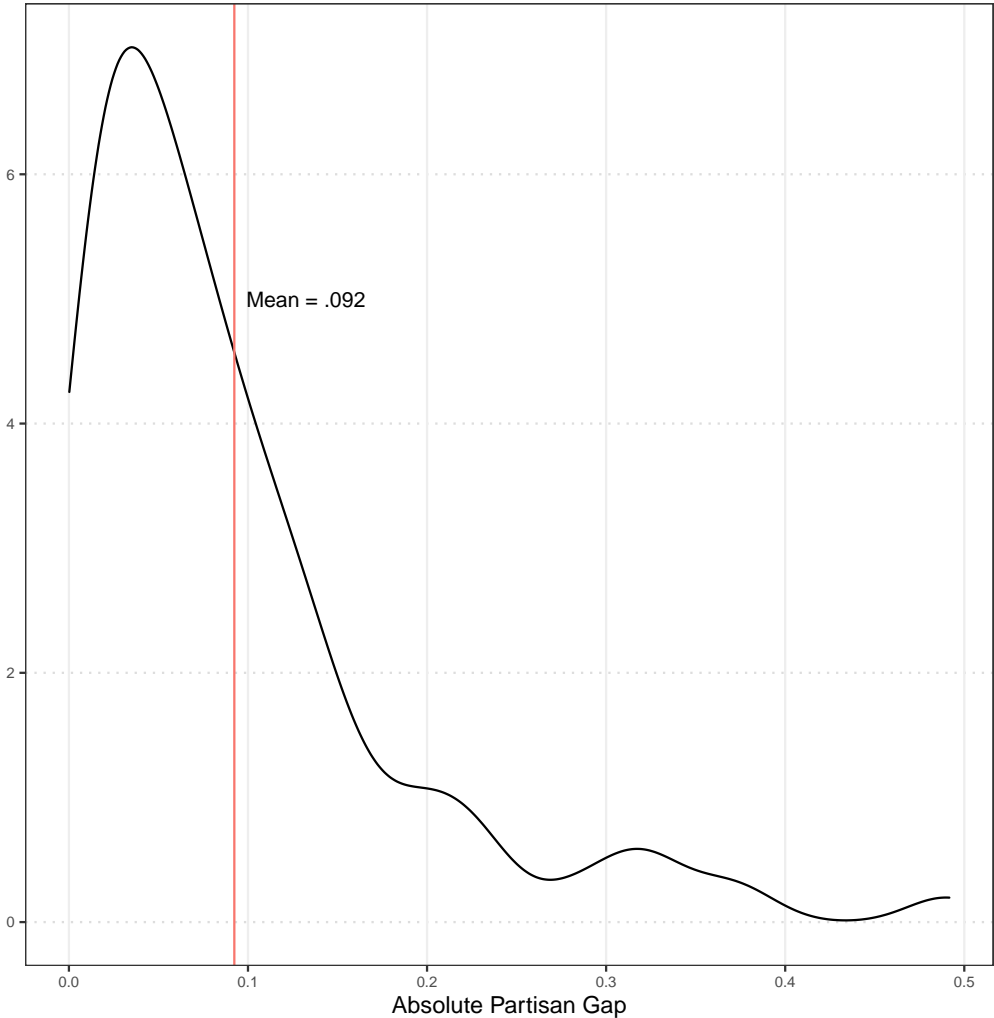
- **Medicare drug plan - coverage gap**

Some plans have what's called a "coverage gap" or a "donut hole"—a point where the plan stops paying for prescriptions and seniors are required to pay the full cost of their medicines for a while. Does your Medicare drug plan have such a coverage gap, or not?

*Response options: **Yes, coverage gap**; no, no coverage gap*

# SI 3 Distribution of the Absolute Value of Partisan Gaps

Figure SI 3.1: Distribution of the Absolute Value of Partisan Gaps



Kernel density plot.  $n=187$ .

## SI 4 Additional ANES Information

### SI 4.1 Signed Partisan Gaps by Item - ANES Economic Retrospection Questions

Table SI 4.5: Partisan Gap on Economic Retrospection Items

Item	Study	Year	$\mu_R$	$n_R$	$\mu_D$	$n_D$	Signed Gap	$p$
Economy over past year	ANES	1980	0.962	528	0.931	841	0.031	0.016
Economy over past year	ANES	1982	0.530	445	0.758	774	0.228	0.000
Economy over past year	ANES	1984	0.627	883	0.246	1063	0.381	0.000
Economy over past year	ANES	1986	0.316	772	0.170	1088	0.146	0.000
Economy over past year	ANES	1988	0.281	829	0.104	954	0.177	0.000
Economy over past year	ANES	1990	0.958	714	0.954	1012	0.004	0.661
Economy over past year	ANES	1992	0.080	927	0.024	1228	0.056	0.000
Economy over past year	ANES	1994	0.329	749	0.366	834	0.036	0.131
Economy over the past year	ANES	1996	0.260	654	0.482	895	0.222	0.000
Economy over past year	ANES	1998	0.384	467	0.529	656	0.145	0.000
Economy over past year	ANES	2000	0.262	680	0.492	888	0.230	0.000
Economy over past year	ANES	2002	0.357	665	0.198	703	0.159	0.000
Economy over past year	ANES	2004	0.426	479	0.101	585	0.325	0.000
Economy over past year	ANES	2008	0.873	653	0.937	1364	0.064	0.000
Economy over past year	ANES	2012	0.441	1993	0.824	3100	0.383	0.000
Economic condition of women over past year	ANES	1984	0.543	875	0.411	1057	0.132	0.000
Economic condition of blacks over past year	ANES	1984	0.388	872	0.283	1023	0.105	0.000
Economy since July 4th	ANES	1992	0.730	857	0.575	1145	0.155	0.000
Economy compared to four years ago	ANES	1992	0.756	857	0.856	1145	0.100	0.000
Economy since Clinton took office	ANES	1998	0.646	468	0.839	659	0.193	0.000
Economy compared to 1992	ANES	2000	0.648	646	0.771	822	0.123	0.000
Economy compared to 2008	ANES	2016	0.214	1724	0.613	1936	0.399	0.000

Note:  $\mu_R$  and  $\mu_D$  denote proportion of Republicans and Democrats answering the question correctly respectively.  $n_R$  and  $n_D$  denote the number of Republicans and Democrats respectively.  $p$  refers to the p-value of the signed gap.

## SI 4.2 Knowledge Question Wordings and Correct Answers - ANES Economic Retrospection Items

- **Economy better or worse over past year**<sup>17</sup>

Would you say that over the past year the nation's economy has gotten better, stayed<sup>18</sup> the same or gotten worse?<sup>19</sup>

*Response options: Better, stayed [about] the same, gotten worse*

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<sup>17</sup>National economic conditions based on Federal Reserve Economic data (available at [fred.stlouisfed.org](http://fred.stlouisfed.org)). The specific indicator is Real Gross Domestic Product per Capita, Quarterly, Seasonally Adjusted Rates, Chained to 2009 Dollars. To determine "correct" responses, we calculated the difference between real GDP per capita in Q3 in the year prior to the election and real GDP per capita in Q3 of the election year. Any difference with an absolute value of less than \$500 was coded as "stayed about the same;" anything above \$500 was coded as "better," and anything less than \$500 was coded as "worse." As noted in the manuscript, in calculating the signed partisan gap for these items, we did not change the sign of the partisan difference if the correct answer is coded as "stayed about the same."

<sup>18</sup>1984: "about" inserted here

<sup>19</sup>An alternate version in 2002 reversed the direction of the options in the question.

**Table SI 4.6:** Economy over the past year - correct responses by year

<b>Year</b>	<b>Correct answer</b>
1980	Worse
1982	Worse
1984	Stayed about the same
1986	Stayed the same
1988	Stayed the same
1990	Worse
1992	Stayed the same
1994	Better
1996	Better
1998	Stayed the same
1990	Worse
1992	Stayed the same
1994	Better
1996	Better
1998	Stayed the same
2000	Stayed the same
2002	Worse
2004	Stayed the same
2008	Worse
2012	Worse
2016	Better

1984

- **Economic condition of women over past year**<sup>20</sup>

What about women? Would you say that over the past year the economic position of women has gotten better, stayed about the same, or gotten worse? *Response options: Better, stayed about the same, gotten worse*

- **Economic condition of blacks over past year**<sup>21</sup>

Would you say that over the past year the economic position of blacks has gotten better, stayed about the same, or gotten worse?

*Response options: Better, stayed about the same, gotten worse*

1992

- **Economy compared to four years ago**<sup>22</sup>

Compared to four years ago, would you say that the nation's economy has gotten better, stayed about the same, or gotten worse?

*Response options: Gotten better, stayed about the same, gotten worse*

- **Economy since July 4th**<sup>23</sup>

What about in the last few months, since about the 4th of July. Would you say that the

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<sup>20</sup>Economic condition of women based on subgroup unemployment figures from the Bureau of Labor Statistics (available at [data.bls.gov](http://data.bls.gov)). The specific indicator is Annual Unemployment Rates. To determine “correct” responses, we compared unemployment levels from previous year’s annual average. (With the exception of 2008, in all years listed, unemployment did not change measurably—that is, by an increase or decrease of more than one third of one percentage point—over the course of the election year.) Unemployment was considered to have stayed “about the same” if it did not increase or decrease more than one third of one percentage point from the previous year.

<sup>21</sup>Economic condition of blacks based on subgroup unemployment figures from the Bureau of Labor Statistics (available at [data.bls.gov](http://data.bls.gov)). We follow our previous coding scheme for unemployment as described above.

<sup>22</sup>Economy compared to four years ago based on information chronicled in [Hershey Jr. \(1993\)](#).

<sup>23</sup>Economic information since July based on information chronicled in [Apple Jr. \(1992\)](#).



nation's economy has gotten better, stayed about the same, or gotten worse?  
*Response options: **Gotten better**, stayed about the same, gotten worse*

1998

- **Economy since Clinton took office**<sup>24</sup>

Would you say that since Clinton took office, the nation's economy has gotten better, stayed about the same, or gotten worse?

*Response options: **Gotten better**, stayed about the same, gotten worse*

2000

- **Economy compared to 1992**<sup>25</sup>

Since 1992, would you say President Clinton has made the nation's economy better, made the economy worse, or had no effect on the economy one way or the other?

*Response options: **Made the economy better**, made the economy worse, no effect*

2016

- **Economy compared to 2008**<sup>26</sup>

Would you say that compared to 2008, the nation's economy is now better, worse, or

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<sup>24</sup>Economy better/worse based on Federal Reserve Economic data (available at [fred.stlouisfed.org](http://fred.stlouisfed.org)). The specific indicator is Real Gross Domestic Product per Capita, Quarterly, Seasonally Adjusted Rates, Chained to 2009 Dollars. To determine the "correct" response, we calculated the difference between real GDP per capita in Q1 of 1993 and real GDP per capita in Q3 of 1998. We also checked the quarterly data between these endpoints to ensure the indicator trended upward.

<sup>25</sup>Economy better/worse based on Federal Reserve Economic data (available at [fred.stlouisfed.org](http://fred.stlouisfed.org)). The specific indicator is Real Gross Domestic Product per Capita, Quarterly, Seasonally Adjusted Rates, Chained to 2009 Dollars. To determine the "correct" response, we calculated the difference between real GDP per capita in Q1 of 1993 and real GDP per capita in Q3 of 2000. We also checked the quarterly data between these endpoints to ensure the indicator trended upward.

<sup>26</sup>Economy better/worse based on Federal Reserve Economic data (available at [fred.stlouisfed.org](http://fred.stlouisfed.org)).

about the same?

*Response options: **Better**, worse, about the same*

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stlouisfed.org). The specific indicator is Real Gross Domestic Product per Capita, Quarterly, Seasonally Adjusted Rates, Chained to 2009 Dollars. To determine the “correct” response, we calculated the difference between real GDP per capita in Q3 of 2008 and real GDP per capita in Q3 of 2016. We also checked the quarterly data between these endpoints to ensure the indicator trended upward.

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