

PolitiFact Analysis

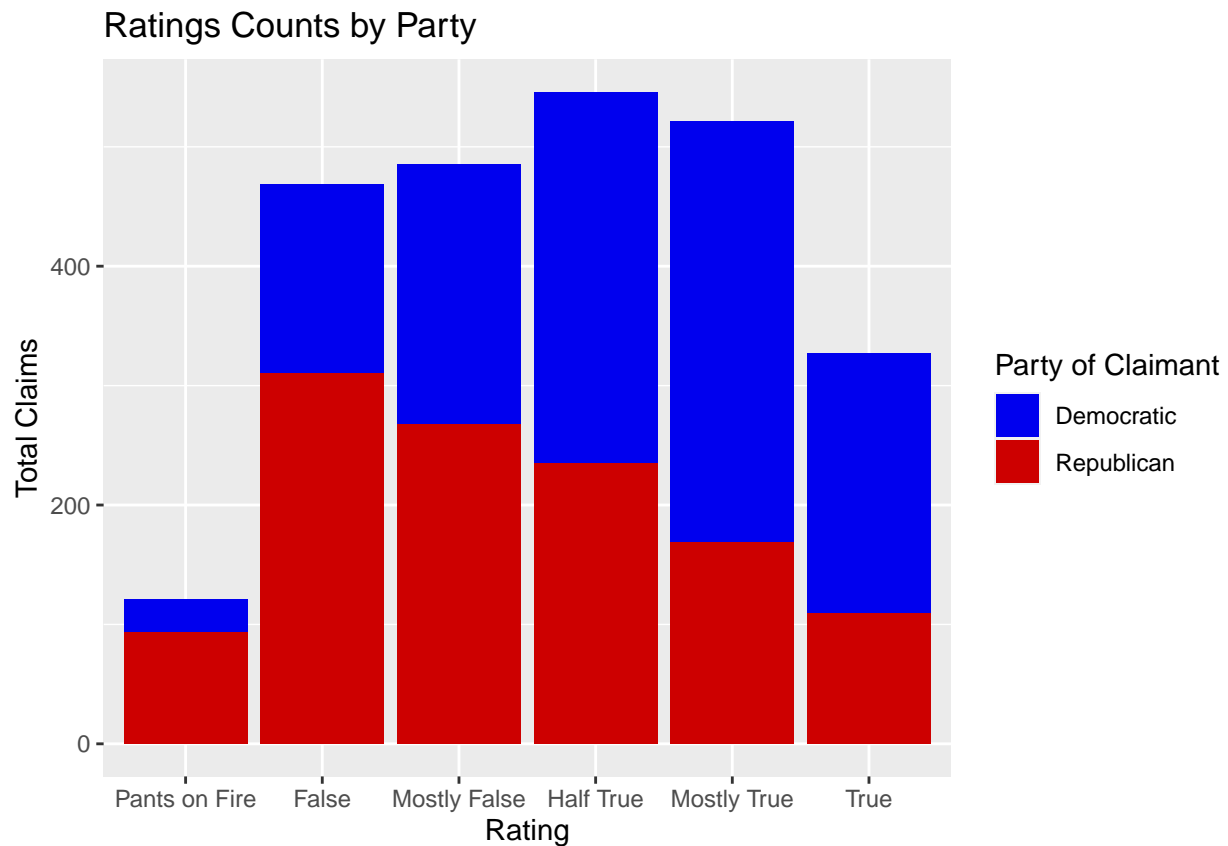
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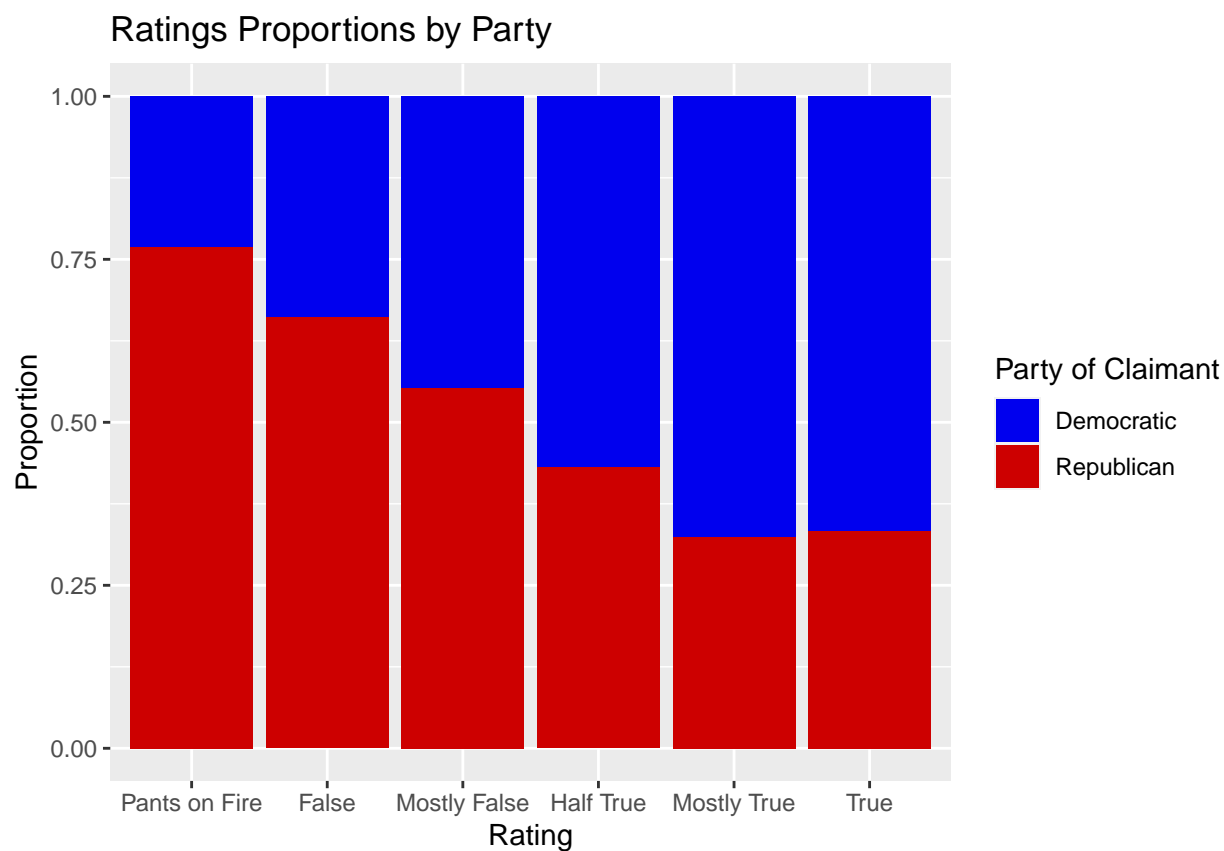
Having cleaned, sorted, and tagged all of our data, we conducted some initial data analysis to answer some of our research questions.

Which Party Lies More?

Our first research question was relatively simple. While it is an impossible question to answer definitively, we decided to look at each rating tier and see the breakdown by party to get a sense of which party receives more false ratings.



To account for the different sample sizes, we also viewed the data proportionally. Here we can see that Republican claimants are responsible for over 76.9% of the Pants on Fire claims, 66% of False claims, and 55.2% of Mostly False claims. Democrats have a majority of truthful claims responsible for 57% of the Half True claims, 67.6% of the Mostly True claims, and 66.7% of True claims.



Below are the counts of claims by party and textual Rating

Table 1: Fact-checks per rating by Party

textualRating	Democratic	Republican	Total
Pants on Fire	28	93	121
False	159	310	469
Mostly False	217	268	485
Half True	311	235	546
Mostly True	352	169	521
True	218	109	327

Severity within Party

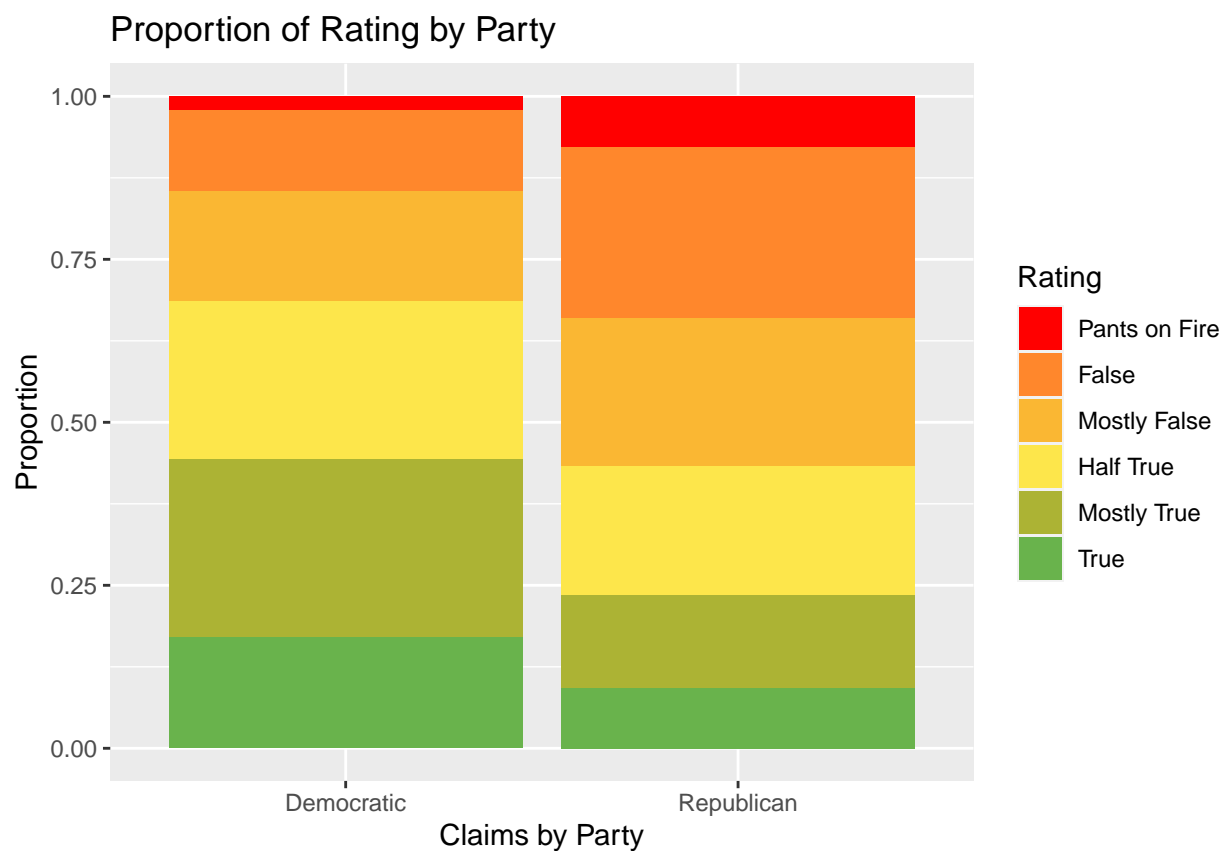


Table 2: Percentage of Claims by Textual Rating

textualRating	Democratic	Republican	Total
Pants on Fire	2.2	7.9	4.9
False	12.4	26.2	19.0
Mostly False	16.9	22.6	19.6
Half True	24.2	19.8	22.1
Mostly True	27.4	14.3	21.1
True	17.0	9.2	13.2

Table 3: Macro Subject Tag Counts

	Democratic	Republican	Total
Fear	90	208	298
Legislation	67	120	187
Self/Personal Record	63	69	132
Opponent/Opponent's Record	153	287	440

Table 4: Microtag Subject Counts and Percentages by Party

MicroTag	DemocratCount	RepublicanCount	TotalCount	DemocratPercentage	RepublicanPercentage	DemocratDisparity
Labor and Employment	48	38	86	11.88	5.66	-6.22
Economic Well-Being and Domestic Commerce	48	41	89	11.88	6.11	-5.77
Education	33	28	61	8.17	4.17	-4.00
Guns	31	25	56	7.67	3.73	-3.95
Race	20	13	33	4.95	1.94	-3.01
Taxes	38	47	85	9.41	7.00	-2.40
Foreign Trade	13	9	22	3.22	1.34	-1.88
Health (non-care)	43	59	102	10.64	8.79	-1.85
Record/Candidate Biography/ Campaigns and Personal Behavior	181	295	476	44.80	43.96	-0.84
Women	10	12	22	2.48	1.79	-0.69
Agriculture	5	7	12	1.24	1.04	-0.19
Community Development and Housing	8	13	21	1.98	1.94	-0.04
Media and Communications	11	20	31	2.72	2.98	0.26
Healthcare	32	55	87	7.92	8.20	0.28
National and State Macroeconomic Issues	12	22	34	2.97	3.28	0.31
LGBTQ	4	11	15	0.99	1.64	0.65
Civil Rights, Minority Issues, and Civil Liberties	18	35	53	4.46	5.22	0.76
Transportation	6	16	22	1.49	2.38	0.90
Defense/Military	21	41	62	5.20	6.11	0.91
Technology Science Space	9	24	33	2.23	3.58	1.35
Social Welfare	34	67	101	8.42	9.99	1.57
Energy	7	23	30	1.73	3.43	1.70
Religion	2	15	17	0.50	2.24	1.74
Abortion	3	19	22	0.74	2.83	2.09
Government Operations	66	125	191	16.34	18.63	2.29
Terrorism	11	34	45	2.72	5.07	2.34
History	20	49	69	4.95	7.30	2.35
Environment	9	32	41	2.23	4.77	2.54
International_affairs and Foreign Aid	31	75	106	7.67	11.18	3.50
Voting/Elections	27	72	99	6.68	10.73	4.05
Law and Crime and Policing	40	101	141	9.90	15.05	5.15
Immigration and Refugee Issues	22	84	106	5.45	12.52	7.07