Supplemental Information for Cheerleading in Cyberspace: How the American Public Judges Attribution Claims for Cyberattacks

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1 Descriptive Survey Data

.

Full Results for Figure 1

Table A1: Partisanship and Cyber Threat Perception

	(1) Russia	(2) China	(3) Iran	(4) Korea
Only now and then	16.92*	10.25	-7.306	-7.264
	(2.56)	(1.41)	(-1.15)	(-1.14)
Some of the time	20.66***	11.13	-4.204	-5.276
	(3.45)	(1.69)	(-0.73)	(-0.91)
Most of the time	23.23***	20.60**	-4.205	-9.556
	(3.90)	(3.15)	(-0.74)	(-1.67)
gop7=1	20.23**	0.333	-5.375	1.033
	(3.16)	(0.05)	(-0.87)	(0.17)
Only now and then × gop7=1	-23.66**	-5.726	12.73	2.861
	(-2.92)	(-0.65)	(1.64)	(0.37)
Some of the time × gop7=1	-27.91***	-0.144	5.338	-0.484
	(-3.82)	(-0.02)	(0.76)	(-0.07)
Most of the time × gop7=1	-29.84***	-1.363	10.40	-3.100
	(-4.25)	(-0.18)	(1.54)	(-0.46)
dem7=1	18.36**	0.459	-8.691	4.425
	(2.69)	(0.06)	(-1.33)	(0.67)
Only now and then × dem7=1	-9.614	-4.567	8.658	1.638
	(-1.17)	(-0.51)	(1.10)	(0.21)
Some of the time × dem7=1	-12.51	-3.418	4.466	-2.311
	(-1.65)	(-0.41)	(0.62)	(-0.32)
Most of the time × dem7=1	-6.864	-9.160	1.152	1.776
	(-0.93)	(-1.13)	(0.16)	(0.25)
Dial-up	-14.86**	-7.827	4.006	5.227
	(-2.62)	(-1.26)	(0.74)	(0.96)
None	-0.987	-1.376	-0.917	-3.528
	(-0.33)	(-0.42)	(-0.32)	(-1.23)
age	0.00498	0.164***	0.0892*	-0.0151
	(0.12)	(3.69)	(2.29)	(-0.39)
white	-0.747	0.755	-1.294	2.503
	(-0.48)	(0.44)	(-0.86)	(1.66)
college	1.119	1.929	-2.437	-1.493
	(0.85)	(1.33)	(-1.92)	(-1.17)
female	-1.548	-4.442**	1.897	1.655
	(-1.20)	(-3.14)	(1.53)	(1.33)
Constant	-15.05**	-18.62**	-1.620	4.505
	(-2.68)	(-3.03)	(-0.30)	(0.83)
Observations	737	737	737	737

t statistics in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Ordinal Logit Models of Perceptions of Vulnerability By Sector

Table A2: Ordinal Logit Models of Perceptions of Voting Machine Vulnerability

	(1) All Respondents	(2) Republicans	(3) Democrats	(4) Independent
vulnerablevote				
white	0.124 (0.82)	-0.171 (-0.54)	0.214 (1.08)	-0.112 (-0.31)
female	0.655*** (5.12)	0.938*** (4.44)	0.545** (2.88)	0.408 (1.24)
college	0.126 (0.97)	0.377 (1.77)	0.111 (0.60)	-0.253 (-0.62)
age	0.00402 (1.04)	0.0117 (1.81)	0.00113 (0.20)	0.00990 (1.02)
News Interest				
Hardly at all	0 (.)	0 (.)	0 (.)	0 (.)
Only now and then	0.427 (1.61)	-0.157 (-0.36)	1.049* (2.48)	0.329 (0.61)
Some of the time	0.755** (3.03)	0.263 (0.66)	1.286** (3.23)	0.577 (1.16)
Most of the time	1.114*** (4.41)	0.264 (0.67)	1.991*** (4.97)	0.584 (1.07)
Internet at Home				
Broadband	0 (.)	0 (.)	0 (.)	0 (.)
Dial-up	0.142 (0.31)	0.617 (0.79)	0.589 (0.65)	-0.787 (-1.01)
None	-0.471 (-1.71)	0.564 (1.44)	-1.189** (-2.77)	-2.024* (-2.41)
Party ID				
Strong Democrat	0 (.)			
Not very strong Democrat	-0.264 (-1.26)			
Lean Democrat	0.0292 (0.13)			
Independent	-0.712*** (-3.43)			
Lean Republican	-0.697** (-2.71)			
Not very strong Republican	-1.129*** (-4.81)			
Strong Republican	-1.507*** (-7.66)			
Not sure	-0.376 (-0.95)			
cut1				
Constant	-2.379*** (-6.46)	-1.477* (-2.57)	-1.940*** (-3.58)	-1.944** (-2.76)
cut2				
Constant	-0.628 (-1.83)	0.414 (0.76)	-0.367 (-0.77)	-0.198 (-0.31)
cut3				
Constant	0.667 (1.94)	1.607** (2.91)	1.246** (2.61)	0.910 (1.41)
cut4				
Constant	1.774*** (5.11)	2.782*** (4.91)	2.405*** (4.95)	1.799** (2.73)
Observations	933	347	446	140

t statistics in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table A3: Ordinal Logit Models of Perceptions of Power Grid Vulnerability

	(1) All Respondents	(2) Republicans	(3) Democrats	(4) Independent
vulnerablepower				
White	0.0590 (0.39)	-0.146 (-0.48)	-0.00999 (-0.05)	0.264 (0.71)
Female	0.503*** (3.97)	0.737*** (3.49)	0.315 (1.73)	0.416 (1.22)
College	0.332** (2.59)	0.546** (2.58)	0.122 (0.69)	0.784 (1.86)
Age	0.0206*** (5.28)	0.0211** (3.17)	0.0182*** (3.30)	0.0327** (3.20)
Only now and then	0.284 (1.08)	0.126 (0.29)	0.432 (1.03)	0.256 (0.47)
Some of the time	0.521* (2.13)	0.596 (1.48)	0.425 (1.09)	0.316 (0.62)
Most of the time	1.016*** (4.10)	0.720 (1.79)	1.363*** (3.51)	0.0198 (0.04)
Dial-up	-0.143 (-0.33)	0.215 (0.32)	0.0832 (0.11)	-0.992 (-1.15)
None	-0.461 (-1.74)	-0.0525 (-0.14)	-0.317 (-0.75)	-2.547** (-3.18)
Not very strong Democrat	0.0730 (0.35)			
Lean Democrat	0.117 (0.55)			
Independent	0.164 (0.81)			
Lean Republican	0.0222 (0.09)			
Not very strong Republican	-0.124 (-0.53)			
Strong Republican	-0.654*** (-3.36)			
Not sure	0.267 (0.69)			
cut1				
Constant	-1.287*** (-3.56)	-1.127 (-1.92)	-1.757*** (-3.38)	-0.876 (-1.26)
cut2				
Constant	0.522 (1.55)	0.866 (1.56)	0.150 (0.32)	0.559 (0.85)
cut3				
Constant	1.979*** (5.80)	2.227*** (3.97)	1.742*** (3.74)	1.992** (2.97)
cut4				
Constant	3.285*** (9.35)	3.430*** (5.96)	3.138*** (6.52)	3.319*** (4.72)
Observations	937	350	446	141

t statistics in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table A4: Ordinal Logit Models of Perceptions of Major Corporation Vulnerability

	(1) All Respondents	(2) Republicans	(3) Democrats	(4) Independent
vulnerablecorp				
White	0.165 (1.09)	-0.142 (-0.46)	0.277 (1.38)	0.162 (0.42)
Female	-0.00247 (-0.02)	0.173 (0.83)	-0.0987 (-0.52)	-0.288 (-0.84)
College	0.513*** (3.87)	0.561** (2.63)	0.565** (3.04)	0.270 (0.62)
Age	0.00788* (2.00)	0.0153* (2.29)	0.00403 (0.72)	0.00817 (0.79)
Only now and then	0.326 (1.25)	0.537 (1.22)	0.0889 (0.22)	0.426 (0.76)
Some of the time	0.636** (2.61)	0.595 (1.48)	0.502 (1.34)	0.786 (1.54)
Most of the time	1.269*** (5.09)	0.955* (2.36)	1.366*** (3.65)	1.089 (1.88)
Dial-up	0.00708 (0.02)	0.167 (0.24)	0.680 (0.83)	-1.178 (-1.29)
None	-0.346 (-1.28)	-0.218 (-0.57)	-0.341 (-0.81)	-1.136 (-1.33)
Not very strong Democrat	0.167 (0.79)			
Lean Democrat	0.298 (1.30)			
Independent	0.278 (1.34)			
Lean Republican	-0.179 (-0.71)			
Not very strong Republican	-0.203 (-0.83)			
Strong Republican	-0.606** (-3.12)			
Not sure	-0.396 (-1.02)			
cut1				
Constant	-2.850*** (-6.87)	-2.340*** (-3.66)	-3.350*** (-5.36)	-3.036*** (-3.59)
cut2				
Constant	-0.946** (-2.75)	-0.322 (-0.59)	-1.423** (-3.01)	-1.420* (-2.07)
cut3				
Constant	0.668* (1.97)	1.204* (2.20)	0.365 (0.80)	0.0895 (0.14)
cut4				
Constant	2.109*** (6.10)	2.546*** (4.56)	1.881*** (4.02)	1.602* (2.39)
Observations	938	352	446	140

t statistics in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table A5: Ordinal Logit Models of Perceptions of Federal Government Corporation Vulnerability

	(1) All Respondents	(2) Republicans	(3) Democrats	(4) Independent
vulnerablefed				
White	0.198 (1.33)	0.0489 (0.17)	0.328 (1.63)	0.324 (0.87)
Female	0.365** (2.91)	0.401 (1.92)	0.299 (1.60)	0.249 (0.74)
College	0.411** (3.22)	0.446* (2.09)	0.367* (2.00)	0.396 (0.94)
Age	0.0125*** (3.33)	0.0164* (2.52)	0.0137* (2.44)	0.0249* (2.53)
Only now and then	0.446 (1.72)	0.142 (0.33)	0.553 (1.34)	0.609 (1.08)
Some of the time	0.689** (2.85)	0.678 (1.70)	0.726 (1.87)	0.550 (1.09)
Most of the time	1.318*** (5.41)	1.166** (2.92)	1.595*** (4.08)	0.615 (1.10)
Dial-up	-0.136 (-0.32)	0.433 (0.67)	0.305 (0.37)	-1.344 (-1.70)
None	-0.255 (-0.96)	0.182 (0.48)	-0.167 (-0.37)	-1.429 (-1.95)
cut1				
Constant	-1.473*** (-4.40)	-1.226* (-2.10)	-2.081*** (-3.63)	-0.653 (-0.95)
cut2				
Constant	-0.0411 (-0.13)	0.363 (0.67)	-0.217 (-0.47)	0.157 (0.23)
cut3				
Constant	1.503*** (4.91)	1.798** (3.28)	1.584*** (3.41)	1.577* (2.33)
cut4				
Constant	2.812*** (8.92)	3.086*** (5.48)	2.981*** (6.22)	2.838*** (4.04)
Observations	935	350	442	142

t statistics in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table A6: Ordinal Logit Models of Perceptions of Military Vulnerability

	(1) All Respondents	(2) Republicans	(3) Democrats	(4) Independent
vulnerablemil				
White	-0.115 (-0.80)	-0.137 (-0.46)	0.0549 (0.28)	-0.233 (-0.65)
Female	0.253* (2.05)	0.263 (1.27)	0.192 (1.05)	0.145 (0.44)
College	0.432*** (3.45)	0.535* (2.51)	0.464** (2.60)	0.000222 (0.00)
Age	0.00827* (2.24)	0.0120 (1.86)	0.0133* (2.45)	0.0110 (1.11)
Only now and then	0.607* (2.34)	0.0382 (0.09)	0.741 (1.82)	1.241* (2.15)
Some of the time	0.891*** (3.66)	0.607 (1.49)	0.765* (1.99)	1.619** (3.03)
Most of the time	1.262*** (5.16)	0.776 (1.92)	1.457*** (3.80)	1.387* (2.33)
Dial-up	0.455 (1.07)	1.221 (1.73)	0.434 (0.58)	-0.503 (-0.62)
None	-0.265 (-1.00)	0.115 (0.30)	-0.386 (-0.87)	-0.792 (-0.96)
cut1				
Constant	-1.394*** (-4.42)	-1.082 (-1.91)	-1.580** (-3.15)	-1.276 (-1.95)
cut2				
Constant	0.354 (1.19)	0.610 (1.10)	0.397 (0.89)	0.397 (0.63)
cut3				
Constant	1.618*** (5.36)	1.762** (3.17)	1.843*** (4.04)	1.674** (2.58)
cut4				
Constant	2.844*** (9.16)	2.802*** (4.93)	3.254*** (6.89)	2.917*** (4.37)
Observations	937	350	446	140

t statistics in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

2 Experiment 1 (CCES)

Full Results for Figure 2

Table A7: CCES Experiment of OLS Models of Confidence in Attribution, v1

	(1) Base	(2) Controls	(3) Democrats	(4) Independents	(5) Republicans
Supportive Endorsement	1.524***	1.712***	1.916***	2.237**	1.412***
	(5.41)	(6.31)	(4.58)	(2.84)	(3.75)
Independent Endorsement	0.318	0.0787	-0.383	1.030	0.219
	(1.06)	(0.27)	(-0.83)	(1.03)	(0.58)
Supportive Endorsement × Independent Endorsement	0.000668	-0.0859	0.764	-1.298	-0.696
	(0.00)	(-0.21)	(1.21)	(-0.99)	(-1.28)
College		0.0518	-0.102	0.633	0.00760
		(0.25)	(-0.32)	(0.91)	(0.03)
Age in Years		0.0221***	0.00708	0.0726***	0.0285**
		(3.44)	(0.71)	(3.74)	(3.20)
White		-0.355	-0.293	-0.988	0.256
		(-1.35)	(-0.80)	(-1.36)	(0.54)
Perception of Iranian Threat		0.0180**	0.0297**	0.0000306	0.00823
		(2.88)	(3.00)	(0.00)	(0.97)
Female		0.149	-0.181	1.575*	0.152
		(0.72)	(-0.56)	(2.43)	(0.54)
Democrat=1		-0.966**			
		(-2.99)			
Republican=1		1.112***			
		(3.32)			
Constant	5.346***	4.507***	4.439***	1.337	4.968***
	(26.69)	(9.65)	(7.38)	(1.16)	(7.03)
Observations	597	491	234	61	196

t statistics in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Alternate Model for Figure 2

Includes measurement of prior views of power grid vulnerability.

Table A8: CCES Experiment of OLS Models of Confidence in Attribution, v2

	(1) Base	(2) Controls	(3) Democrats	(4) Independents	(5) Republicans
Supportive Endorsement	1.524***	1.717***	1.936***	2.229**	1.419***
	(5.41)	(6.30)	(4.63)	(2.80)	(3.71)
Independent Endorsement	0.318	0.0868	-0.349	1.002	0.228
	(1.06)	(0.30)	(-0.76)	(0.99)	(0.59)
Supportive Endorsement × Independent Endorsement	0.000668	-0.0935	0.730	-1.291	-0.704
	(0.00)	(-0.23)	(1.15)	(-0.97)	(-1.28)
College		0.0634	-0.0790	0.607	0.0196
		(0.30)	(-0.25)	(0.86)	(0.07)
Age in Years		0.0229***	0.00937	0.0711**	0.0291**
		(3.44)	(0.92)	(3.48)	(3.08)
White		-0.357	-0.285	-0.985	0.251
		(-1.35)	(-0.78)	(-1.34)	(0.52)
Perception of Iranian Threat		0.0181**	0.0309**	-0.000729	0.00795
		(2.88)	(3.10)	(-0.04)	(0.93)
Female		0.154	-0.168	1.568*	0.153
		(0.74)	(-0.52)	(2.40)	(0.53)
vulnerablepower		-0.0471	-0.175	0.0717	-0.0247
		(-0.50)	(-1.15)	(0.25)	(-0.20)
Democrat=1		-0.958**			
		(-2.95)			
Republican=1		1.100**			
		(3.27)			
Constant	5.346***	4.574***	4.770***	1.250	4.983***
	(26.69)	(9.37)	(7.16)	(1.03)	(6.90)
Observations	597	490	234	61	195

t statistics in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Full Results for Figure 3

Table A9: Multinomial Logit Regression of Support for Retaliatory Counter Cyber-Strikes

	(1) Full	(2) Democrats	(3) Independents	(4) Republicans
Would_support				
Supportive Endorsement	0.954**	0.674	1.650*	0.579
	(3.05)	(1.17)	(2.10)	(1.16)
Independent Endorsement	0.330	0.291	-0.0834	0.328
	(1.04)	(0.47)	(-0.08)	(0.71)
Supportive EndorsementxIndependent Endorsement	-0.902*	-0.471	-0.310	-1.050
	(-1.99)	(-0.56)	(-0.24)	(-1.47)
Perception of Iranian Threat	0.0282***	0.0603***	0.00783	0.0137
	(3.85)	(4.03)	(0.41)	(1.28)
Democrat	-2.509***			
	(-9.07)			
Independent	-1.380***			
	(-4.05)			
Age in Years	0.0160*	-0.00197	0.0492*	0.0278*
	(2.21)	(-0.15)	(2.32)	(2.47)
Female	-0.958***	-1.248**	-0.722	-0.715*
	(-4.11)	(-2.89)	(-1.11)	(-1.99)
College	-0.201	0.0182	0.726	-0.452
	(-0.86)	(0.04)	(1.08)	(-1.27)
White	-0.561	-0.979*	-0.849	-0.0253
	(-1.91)	(-2.21)	(-1.14)	(-0.05)
Constant	0.578	-0.595	-3.107*	-0.369
	(1.10)	(-0.75)	(-2.47)	(-0.44)
Don_t_know				
Supportive Endorsement	0.338	0.724*	0.569	-0.369
	(1.33)	(2.09)	(0.91)	(-0.70)
Independent Endorsement	-0.240	-0.293	0.459	-0.472
	(-0.89)	(-0.72)	(0.61)	(-0.99)
Supportive EndorsementxIndependent Endorsement	0.0935	0.132	-1.734	0.582
	(0.25)	(0.25)	(-1.66)	(0.78)
Perception of Iranian Threat	0.00980	0.0170*	0.0212	-0.00670
	(1.68)	(2.01)	(1.37)	(-0.61)
Democrat	-1.108***			
	(-4.94)			
Independent	-0.468			
	(-1.56)			
Age in Years	0.00831	-0.00114	0.0137	0.0244*
	(1.41)	(-0.14)	(0.79)	(2.06)
Female	-0.100	-0.534*	0.975	0.243
	(-0.52)	(-2.03)	(1.89)	(0.65)
College	0.0151	0.0912	-0.136	-0.0800
	(0.08)	(0.35)	(-0.24)	(-0.22)
White	-0.327	-0.251	-0.426	-0.229
	(-1.43)	(-0.86)	(-0.70)	(-0.42)
Constant	0.328	-0.313	-0.829	-0.498

	(0.76)	(-0.62)	(-0.90)	(-0.57)
Observations	686	326	98	262

t statistics in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

3 Experiment 2 (Conjoint)

Conjoint Experiment Factors and Labels

Table A10: Conjoint Experiment Factors and Values

Attributes	**Values**
Target	U.S. power grid the U.S. banking and financial system the U.S. military's computer networks large U.S. corporations hospitals across the United States
Economic Damage	minimal a few million dollars tens of millions of dollars billions of dollars *For 'hospitals across the United States', restrict by excluding 'billions ... '*
Human Severity (Deaths)	no deaths. one person dozens of people hundreds of people *For "U.S. banking and financial system" and "large U.S. corporations," restrict to "no deaths".*; *For "minimal economic damage", restrict to "no deaths" or "one death"* *For "hundreds of deaths", restrict to "tens of millions..." and "billions ..."* *For "Israel" and "a government agency",* *prevent "dozens" and "hundreds of deaths"*
Intelligence Community Agreement Level	Unanimously confident Highly confident but not certain somewhat certian
Aggressor Type	an individual a group of civilian hackers a group of terrorists a government agency
Aggressor Origin	Russia China North Korea Iran the United States Israel *For ' the United States', restrict 'a government agency' or 'a private company'* *For ' Israel', 'China', and 'North Korea', restrict 'a terrorist group'*
Motivation	No clear motivation . Stealing sensitive information. Disrupting American society generally Retaliating for specific U.S. policies
Independent Experts Endorsement	Mostly agree with have mixed views about Mostly reject
Authority Type	President Trump Secretary of Defense Shanahan
Authority Endorsement	endorsed disputed refused to comment

Table A11: Sample Conjoint Profile

	Scenario 1	**Scenario 2**
What was attacked?	Large U.S. corporations	The U.S. power grid
What were the economic damages?	A few million dollars	Tens of millions of dollars
Did anyone die?	One person	One person
Who does the intelligence community think carried out the attack?	A group of terrorists from the United States	A government agency from North Korea
What does the intelligence community think was the purpose of the attack?	Disrupting American society generally	Stealing sensitive information
How confident is the intelligence community in their evaluation?	Unanimously confident	Highly confident but not certain
Do independent computer security experts agree with the intelligence community's evaluation?	They mostly reject it	They mostly agree with it
What do senior policymakers think about the intelligence community's evaluation?	President Trump refused to comment	Secretary of Defense Shanahan disputed it

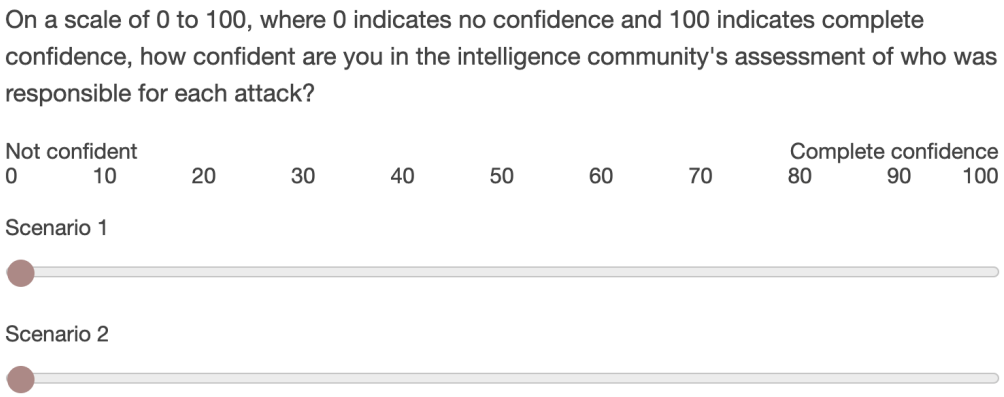

Figure A1: Qualtrics dependent variable measurement.

Conjoint Experiment Full Results

Table A12: Full Results of Conjoint OLS Model

	(1) Main Model	(2) Republicans	(3) Democrats
white	-0.778 (-0.73)	0.830 (0.36)	0.378 (0.27)
age	0.188*** (5.07)	0.121 (1.93)	0.194*** (3.48)
College	1.762* (1.97)	-1.476 (-0.97)	1.755 (1.37)
Female	2.759** (3.11)	2.286 (1.57)	1.651 (1.29)
Republican	0.284 (0.31)		
The U.S. banking and financial system	-0.723 (-1.06)	-1.374 (-1.07)	0.520 (0.52)
Hospitals across the United States	0.319 (0.49)	-0.0618 (-0.06)	0.753 (0.71)
The U.S. power grid	0.422 (0.65)	0.699 (0.59)	0.816 (0.81)
The U.S. military's computer networks	0.0231 (0.04)	0.745 (0.63)	-0.270 (-0.27)
A few million dollars	1.482* (2.10)	1.893 (1.47)	0.386 (0.38)
Tens of millions of dollars	1.760* (2.58)	2.999* (2.30)	0.0584 (0.06)
Billions of dollars	2.243*** (3.42)	3.842** (3.12)	1.393 (1.46)
One person	0.507 (0.99)	-0.339 (-0.36)	0.339 (0.45)
Dozens of people	1.458* (2.49)	1.415 (1.40)	2.053* (2.34)
Hundreds of people	2.579*** (4.13)	2.890** (2.63)	1.768 (1.86)
Highly confident	3.918*** (8.09)	2.920** (3.19)	4.495*** (6.25)
Unanimously confident	8.905*** (15.52)	7.075*** (6.64)	10.79*** (12.71)
A group of civilian hackers	0.705 (1.40)	-1.052 (-1.16)	1.344 (1.82)
A group of terrorists	1.570* (2.32)	1.984 (1.62)	0.824 (0.80)
A government agency	0.565 (1.02)	0.339 (0.33)	1.150 (1.43)
Iran	0.152 (0.20)	-0.195 (-0.14)	-0.284 (-0.26)
North Korea	0.579 (0.76)	0.143 (0.11)	0.931 (0.83)
Russia	0.828 (1.11)	-0.181 (-0.14)	1.878 (1.73)
China	0.800 (1.05)	0.536 (0.38)	0.409 (0.37)
the United States	0.227 (0.28)	0.0568 (0.04)	0.618 (0.52)
Stealing sensitive information	0.537 (0.95)	0.910 (0.90)	0.267 (0.33)
Retaliating for specific U.S. policies	0.757 (1.31)	2.520* (2.33)	0.230 (0.27)
Disrupting American society generally	1.012 (1.78)	0.850 (0.82)	-0.0397 (-0.05)
have mixed views about it	7.395*** (13.62)	7.600*** (7.49)	6.613*** (8.53)
mostly agree with it	15.62*** (23.58)	13.27*** (11.40)	14.81*** (15.39)
Trump	0.566 (0.80)	-2.222 (-1.63)	1.331 (1.33)
refused to comment	1.639* (2.35)	2.598* (2.10)	0.458 (0.43)
endorsed it	3.658*** (5.25)	4.377*** (3.90)	2.231* (2.11)

Trump X refused to comment	-0.417 (-0.42)	0.870 (0.45)	-0.363 (-0.26)
Trump X endorsed it	-2.105* (-1.98)	3.389 (1.78)	-3.242* (-2.10)
task	0.717*** (5.75)	0.726** (2.96)	0.771*** (4.06)
choice	0.838** (2.93)	0.619 (1.14)	1.054* (2.40)
Constant	34.84*** (16.46)	41.92*** (9.89)	36.28*** (11.77)
Observations	12290	3370	5460

t statistics in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Conjoint Experiment Alternate Specifications

Table A13: By View of Sectoral Vulnerability

	(1) Attribution (Base)	(2) Attribution (Sector)
Israel	0 (.)	0 (.)
Iran	0.152 (0.20)	-0.270 (-0.32)
North Korea	0.579 (0.76)	0.437 (0.50)
Russia	0.828 (1.11)	0.731 (0.87)
China	0.800 (1.05)	-0.111 (-0.13)
the United States	0.227 (0.28)	0.272 (0.30)
Large U.S. corporations	0 (.)	0 (.)
The U.S. banking and financial system	-0.723 (-1.06)	-0.616 (-0.90)
Hospitals across the United States	0.319 (0.49)	
The U.S. power grid	0.422 (0.65)	1.209 (1.66)
The U.S. military's computer networks	0.0231 (0.04)	0.651 (0.92)
Minimal	0 (.)	0 (.)
A few million dollars	1.482* (2.10)	1.007 (1.24)
Tens of millions of dollars	1.760* (2.58)	1.433 (1.82)
Billions of dollars	2.243*** (3.42)	1.866* (2.42)
No	0 (.)	0 (.)
One person	0.507 (0.99)	0.264 (0.44)
Dozens of people	1.458* (2.49)	1.314* (1.98)
Hundreds of people	2.579*** (4.13)	2.770*** (3.86)
Somewhat certain	0 (.)	0 (.)
Highly confident	3.918*** (8.09)	4.137*** (7.52)
Unanimously confident	8.905*** (15.52)	9.010*** (14.20)
An individual	0 (.)	0 (.)
A group of civilian hackers	0.705 (1.40)	0.909 (1.57)
A group of terrorists	1.570* (2.32)	1.555* (2.03)
A government agency	0.565 (1.02)	0.703 (1.17)
No clear motivation	0 (.)	0 (.)
Stealing sensitive information	0.537 (0.95)	0.498 (0.77)
Retaliating for specific U.S. policies	0.757 (1.31)	0.971 (1.51)
Disrupting American society generally	1.012 (1.78)	1.011 (1.56)
mostly reject it	0 (.)	0 (.)
have mixed views about it	7.395*** (13.62)	7.513*** (12.32)
mostly agree with it	15.62*** (23.58)	15.82*** (22.27)

Shanahan	0 (.)	0 (.)
Trump	0.566 (0.80)	0.637 (0.80)
disputed it	0 (.)	0 (.)
refused to comment	1.639* (2.35)	1.764* (2.32)
endorsed it	3.658*** (5.25)	3.863*** (5.02)
Shanahan X disputed it	0 (.)	0 (.)
Shanahan X refused to comment	0 (.)	0 (.)
Shanahan X endorsed it	0 (.)	0 (.)
Trump X disputed it	0 (.)	0 (.)
Trump X refused to comment	-0.417 (-0.42)	-0.634 (-0.57)
Trump X endorsed it	-2.105* (-1.98)	-2.372* (-2.01)
Female	2.759** (3.11)	2.781** (3.02)
Republican	0.284 (0.31)	0.368 (0.39)
College	1.762* (1.97)	2.190* (2.38)
white	-0.778 (-0.73)	-0.763 (-0.70)
age	0.188*** (5.07)	0.167*** (4.42)
task	0.717*** (5.75)	0.717*** (4.91)
choice	0.838** (2.93)	0.866* (2.40)
Very unlikely		0 (.)
Not very likely		-0.0220 (-0.01)
Somewhat likely		1.143 (0.72)
Likely		2.629 (1.60)
Very likely		2.810 (1.58)
Constant	34.84*** (16.46)	33.67*** (13.45)
Observations	12290	9539

t statistics in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table A14: Including Perceived Warmth and Threat

	(1) Base	(2) Threat	(3) Warmth	(4) Threat + Warmth	(5) Dem	(6) Rep
white	-0.151	0.0851	-0.278	-0.0753	0.791	-2.287
	(-0.14)	(0.08)	(-0.26)	(-0.07)	(0.65)	(-1.13)
age	0.189***	0.149***	0.184***	0.145***	0.143**	0.143*
	(5.07)	(4.03)	(4.92)	(3.91)	(2.97)	(2.42)
College	1.733	1.285	1.698	1.230	1.639	0.559
	(1.94)	(1.47)	(1.90)	(1.40)	(1.47)	(0.40)
Female	2.857**	2.675**	2.828**	2.640**	2.320*	3.172*
	(3.22)	(3.07)	(3.20)	(3.03)	(2.09)	(2.24)
Republican	0.0499	0.0894	0.157	0.0973	0	0
	(0.05)	(0.10)	(0.17)	(0.11)	(.)	(.)
Large U.S. corporations	0	0	0	0	0	0
	(.)	(.)	(.)	(.)	(.)	(.)
The U.S. banking and financial system	-0.554	-0.124	-0.577	-0.160	0.244	-0.853
	(-0.74)	(-0.15)	(-0.77)	(-0.20)	(0.23)	(-0.65)
Hospitals across the United States	0.549	0.898	0.548	0.894	0.950	0.653
	(0.79)	(1.20)	(0.78)	(1.19)	(0.97)	(0.54)
The U.S. power grid	0.601	0.876	0.571	0.840	0.463	1.450
	(0.87)	(1.19)	(0.82)	(1.14)	(0.48)	(1.25)
The U.S. military's computer networks	-0.202	-0.235	-0.215	-0.230	-0.887	0.605
	(-0.29)	(-0.31)	(-0.31)	(-0.31)	(-0.90)	(0.52)
Minimal	0	0	0	0	0	0
	(.)	(.)	(.)	(.)	(.)	(.)
A few million dollars	1.552*	1.480	1.576*	1.512	1.084	2.218
	(2.09)	(1.83)	(2.12)	(1.87)	(1.07)	(1.67)
Tens of millions of dollars	2.030**	1.741*	2.007**	1.748*	0.834	3.240*
	(2.82)	(2.26)	(2.78)	(2.26)	(0.88)	(2.50)
Billions of dollars	2.242**	2.532**	2.287**	2.600***	1.896*	3.844**
	(3.21)	(3.27)	(3.28)	(3.36)	(1.97)	(2.99)
No	0	0	0	0	0	0
	(.)	(.)	(.)	(.)	(.)	(.)
One person	0.362	0.544	0.370	0.528	0.0103	1.287
	(0.65)	(0.88)	(0.66)	(0.86)	(0.01)	(1.34)
Dozens of people	1.169	1.523*	1.175	1.506*	1.661	1.281
	(1.83)	(2.20)	(1.84)	(2.17)	(1.86)	(1.16)
Hundreds of people	2.356***	2.601***	2.352***	2.581***	2.128*	3.296**
	(3.53)	(3.63)	(3.53)	(3.61)	(2.25)	(3.09)
Somewhat certain	0	0	0	0	0	0
	(.)	(.)	(.)	(.)	(.)	(.)
Highly confident	3.701***	3.752***	3.733***	3.767***	4.419***	2.844**
	(7.12)	(6.99)	(7.18)	(7.01)	(6.43)	(3.28)
Unanimously confident	9.048***	8.800***	9.048***	8.795***	9.935***	7.124***
	(15.26)	(14.50)	(15.26)	(14.48)	(12.74)	(7.37)
An individual	0	0	0	0	0	0
	(.)	(.)	(.)	(.)	(.)	(.)
A group of civilian hackers	0.823	0.584	0.870	0.623	0.616	0.742

	(1.52)	(0.98)	(1.60)	(1.05)	(0.81)	(0.77)
A group of terrorists	1.475	1.245	1.469	1.241	0.930	1.754
	(1.87)	(1.57)	(1.87)	(1.56)	(0.94)	(1.32)
A government agency	0.628	0.421	0.613	0.388	-0.0411	1.146
	(1.10)	(0.69)	(1.08)	(0.63)	(-0.05)	(1.18)
Israel	-0.204		0.885			
	(-0.27)		(1.02)			
Iran	0	0	0	0	0	0
	(.)	(.)	(.)	(.)	(.)	(.)
North Korea	0.396	-0.922	-0.00971	-1.201	-0.834	-1.694
	(0.60)	(-1.36)	(-0.01)	(-1.73)	(-0.90)	(-1.56)
Russia	0.677	-1.930**	0.829	-1.620*	-1.631	-1.566
	(1.12)	(-2.73)	(1.36)	(-2.26)	(-1.66)	(-1.36)
China	0.616	-1.373	1.076	-0.821	-0.545	-1.182
	(0.93)	(-1.89)	(1.54)	(-1.07)	(-0.56)	(-0.93)
No clear motivation	0	0	0	0	0	0
	(.)	(.)	(.)	(.)	(.)	(.)
Stealing sensitive information	0.518	0.564	0.518	0.579	0.0862	1.308
	(0.85)	(0.86)	(0.85)	(0.89)	(0.10)	(1.24)
Retaliating for specific U.S. policies	0.363	0.484	0.318	0.438	-0.0958	1.169
	(0.59)	(0.71)	(0.51)	(0.64)	(-0.11)	(1.04)
Disrupting American society generally	0.665	0.651	0.654	0.660	-0.00961	1.568
	(1.08)	(0.99)	(1.06)	(1.01)	(-0.01)	(1.42)
mostly reject it	0	0	0	0	0	0
	(.)	(.)	(.)	(.)	(.)	(.)
have mixed views about it	7.332***	7.211***	7.344***	7.210***	6.783***	8.016***
	(12.89)	(11.87)	(12.91)	(11.85)	(8.74)	(8.18)
mostly agree with it	15.45***	15.34***	15.46***	15.34***	15.53***	15.21***
	(22.36)	(21.30)	(22.34)	(21.31)	(16.65)	(13.37)
Shanahan	0	0	0	0	0	0
	(.)	(.)	(.)	(.)	(.)	(.)
Trump	0.509	0.146	0.549	0.165	1.922	-2.709*
	(0.67)	(0.18)	(0.72)	(0.20)	(1.87)	(-1.97)
disputed it	0	0	0	0	0	0
	(.)	(.)	(.)	(.)	(.)	(.)
refused to comment	1.696*	1.300	1.682*	1.263	1.353	1.066
	(2.25)	(1.64)	(2.24)	(1.60)	(1.32)	(0.85)
endorsed it	3.280***	3.063***	3.247***	3.011***	3.655***	2.029
	(4.43)	(3.91)	(4.40)	(3.85)	(3.56)	(1.69)
Shanahan X disputed it	0	0	0	0	0	0
	(.)	(.)	(.)	(.)	(.)	(.)
Shanahan X refused to comment	0	0	0	0	0	0
	(.)	(.)	(.)	(.)	(.)	(.)
Shanahan X endorsed it	0	0	0	0	0	0
	(.)	(.)	(.)	(.)	(.)	(.)
Trump X disputed it	0	0	0	0	0	0
	(.)	(.)	(.)	(.)	(.)	(.)
Trump X refused to comment	-0.158	0.217	-0.193	0.202	-1.169	2.483

	(-0.15)	(0.19)	(-0.18)	(0.17)	(-0.82)	(1.27)
Trump X endorsed it	-1.576	-1.362	-1.545	-1.324	-4.397**	3.680
	(-1.40)	(-1.14)	(-1.37)	(-1.11)	(-2.91)	(1.90)
task	0.621***	0.568***	0.629***	0.573***	0.562**	0.578*
	(4.48)	(3.74)	(4.53)	(3.78)	(2.89)	(2.36)
choice	0.907**	0.759*	0.889**	0.740*	0.976*	0.429
	(2.79)	(2.03)	(2.73)	(1.98)	(2.02)	(0.73)
threat		0.116***		0.108***	0.110***	0.106***
		(7.33)		(6.87)	(5.38)	(4.26)
warmth			-0.0460*	-0.0418*	-0.0480	-0.0348
			(-2.57)	(-2.19)	(-1.94)	(-1.15)
Constant	34.99***	31.90***	36.51***	33.77***	33.49***	35.29***
	(16.52)	(14.34)	(16.67)	(14.21)	(11.37)	(8.42)
Observations	10458	8794	10450	8787	5347	3440

t statistics in parentheses

First wave did not include question about hospital vulnerability. Major corporations and banks treated interchangeably.

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$