

Supplementary Information for *Trust in Survey Results. A*  
*Cross-country Replication Experiment*

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Table A1. An example of the vignettes

Example vignette text in Study 1 (Italicized texts were manipulated)

The *American Automobile Association (AAA)* recently presented the results of a *representative* survey, according to which *72%* of Americans are in favor of higher tax allowances for commuters due to rising gasoline prices. For the survey, *1,000 randomly selected people* were interviewed.

How much do you trust the result of this survey? [1 (not at all) to 7 (completely)]

Example vignette text in Study 2 (Italicized texts were manipulated)

*CNN* recently presented the results of a *representative* survey, according to which *61%* of Americans say it is generally good for the American economy that people come to live here from other countries. For the survey, *1,000 randomly selected people* were interviewed.

How much do you trust the result of this survey? [1 (not at all) to 7 (completely)]

Table A2. Survey Trustworthiness by SNS – Study 1 (Commuting)

	Hungary			US		
	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>
Constant	4.11	.08	< .001	4.18	.26	< .001
<b>Vignette dimensions</b>						
Survey results: 36% in favor	-.21	.14	.148	.04	.12	.716
Sponsor: TDRC (HU) / ATRI (US)	-.06	.04	.099	-.25	.04	< .001
Sample size: 1000	.24	.05	< .001	.69	.05	< .001
Sample size: 10000	.4	.05	< .001	1.17	.05	< .001
Representativeness: mentioned	.08	.04	.028	.03	.04	.467
Random selection: mentioned	-.04	.04	.242	.14	.04	.001
<b>Controls</b>						
Age (in years)	0	0	.685	-.01	0	.063
Gender: Male	.39	.15	.009	.11	.13	.424
SNS	-.15	.15	.315	.07	.12	.591
Trust in science	.62	.1	< .001	.6	.09	< .001
<b>Variances of random effects</b>						
Variance: constant	2.13			1.49		
Variance: residual	.53			.71		
Proportion of Level 1 variance	19.9%			32.3%		
Proportion of Level 2 variance	8.1%			67.7%		
<b>Model fit</b>						
Variance explained (Level 1)	5.4%			26.8%		
Variance explained (Level 2)	9.7%			8.6%		
Variance explained (overall)	8.9%			15.4%		
Deviance	5153			5452		

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8 *Note:* TDRC=Transportation Development Research Center, ATRI=American Transportation Research Institute

Table A3. Survey Trustworthiness by SNS – Study 2 (Migration)

	Hungary			US		
	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>
Constant	-.01	.59	.983	1.29	.56	.022
<b>Vignette dimensions</b>						
Survey results: 61% say it is bad	.76	.15	< .001	.02	.14	.913
Sponsor: HVG / Fox	.27	.05	< .001	-.11	.05	.047
Sample size: 1000	.29	.06	< .001	.56	.07	< .001
Sample size: 10000	.44	.06	< .001	.98	.07	< .001
Representativeness: mentioned	.01	.05	.841	.06	.05	.26
Random selection: mentioned	.14	.05	.007	.1	.05	.058
<b>Controls</b>						
Age (in years)	-.01	.01	.011	.00	.00	.654
Gender: Male	.03	.15	.832	.11	.15	.476
SNS	-.01	.15	.925	.11	.14	.455
Trust in science	.79	.11	< .001	.39	.1	< .001
<b>Variances of random effects</b>						
Variance: constant		2.13			1.91	
Variance: residual		.87			1.01	
Proportion of Level 1 variance		29.0%			34.6%	
Proportion of Level 2 variance		71.0%			65.4%	
<b>Model fit</b>						
Variance explained (Level 1)		6.5%			13.7%	
Variance explained (Level 2)		16.8%			5.0%	
Variance explained (overall)		14.0%			8.2%	
Deviance		5772			5808	

Table A4. Survey Trustworthiness with 2-way interactions – Study 1 (Commuting)

	Hungary			US		
	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>
Constant	2.25	.58	< .001	1.33	.56	.018
<b>Vignette dimensions</b>						
Survey results: 36% in favor	-.26	.19	.162	.03	.18	.889
Sponsor: TDRC (HU) / ATRI (US)	-.12	.12	.333	-.27	.14	.048
Sample size: 1000	.26	.2	.205	.83	.23	< .001
Sample size: 10000	.4	.21	.055	1.56	.24	< .001
Representativeness: mentioned	.19	.13	.151	.18	.16	.245
Random selection: mentioned	.1	.13	.455	.31	.15	.046
<b>Controls</b>						
Age (in years)	0	0	.948	-.01	0	.055
Gender: Male	.39	.15	.008	.1	.13	.461
Education: Diploma	-.44	.15	.004	.14	.14	.297
Trust in science	.64	.09	< .001	.59	.09	< .001
<b>Two-way interactions</b>						
TDRC/ATRI × 36% in favor	.04	.08	.648	.02	.09	.858
Representative × 1000	-.02	.09	.803	-.08	.11	.474
Representative × 10000	.07	.1	.45	-.08	.11	.472
Random selection × 1000	.01	.1	.895	-.02	.11	.858
Random selection × 10000	-.07	.1	.447	-.18	.11	.099
representative:random	-.08	.08	.281	-.07	.09	.458
<b>Variances of random effects</b>						
Variance: constant	2.1			1.49		
Variance: residual	.53			.71		
Proportion of Level 1 variance	2.2%			32.3%		
Proportion of Level 2 variance	79.8%			67.7%		
<b>Model fit</b>						
Variance explained (Level 1)	5.4%			26.8%		
Variance explained (Level 2)	11.0%			8.6%		
Variance explained (overall)	9.9%			15.4%		
Deviance	5142			5447		

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11 *Note:* TDRC=Transportation Development Research Center, ATRI=American Transportation Research Institute

Table A5. Survey Trustworthiness with 2-way interactions – Study 2 (Migration)

	Hungary			US		
	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>
Constant	-.47	.71	.511	-1.75	.78	.026
<b>Vignette dimensions</b>						
Survey results: 61% say it is bad	.66	.21	.001	.71	.21	.001
Sponsor: HVG / Fox	.23	.16	.142	.12	.17	.46
Sample size: 1000	.55	.27	.038	.61	.28	.031
Sample size: 10000	.89	.27	.001	1.53	.28	< .001
Representativeness: mentioned	.2	.17	.251	.29	.18	.11
Random selection: mentioned	.44	.17	.011	.34	.18	.064
<b>Controls</b>						
Age (in years)	-.02	.01	.003	0	0	.961
Gender: Male	.08	.15	.565	.15	.14	.286
Education: Diploma	-.47	.15	.002	.18	.15	.223
Trust in science	.73	.11	< .001	.58	.11	< .001
<b>Two-way interactions</b>						
HVG / Fox $\times$ 61% say it is bad	.03	.1	.802	-.16	.11	.142
Representative $\times$ 1000	-.07	.12	.564	-.03	.13	.809
Representative $\times$ 10000	0	.12	.969	-.17	.13	.186
Random selection $\times$ 1000	-.1	.12	.426	0	.13	.986
Random selection $\times$ 10000	-.3	.12	.014	-.2	.13	.118
representative:random	-.11	.1	.253	-.11	.11	.299
<b>Variances of random effects</b>						
Variance: constant	1.91			1.48		
Variance: residual	.87			1.01		
Proportion of Level 1 variance	31.3%			4.6%		
Proportion of Level 2 variance	68.7%			59.4%		
<b>Model fit</b>						
Variance explained (Level 1)	6.5%			13.7%		
Variance explained (Level 2)	25.4%			26.4%		
Variance explained (overall)	2.3%			21.7%		
Deviance	5718			5699		

Table 6. Survey Trustworthiness split by education categories – Study 1 (Commuting)

	Maximum high school (Hungary)			Diploma (Hungary)			Maximum high school (US)			Diploma (US)		
	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>
Constant	4.54	.33	< .001	3.55	.43	< .001	2.63	.46	< .001	3.22	.27	< .001
Vignette dimensions												
Survey results: 36% in favor	-.24	.19	.21	-.01	.24	.98	.25	.26	.33	-.08	.15	.60
Sponsor: TDRC (HU) / ATRI (US)	-.10	.05	.05	-.04	.07	.60	-.26	.09	.00	-.25	.05	< .001
Sample size: 1000	.21	.06	< .001	.30	.08	< .001	.57	.10	< .001	.73	.07	< .001
Sample size: 10000	.29	.06	< .001	.59	.08	< .001	.96	.10	< .001	1.26	.07	< .001
Representativeness: mentioned	.06	.05	.17	.12	.07	.06	.07	.08	.40	.02	.05	.76
Random selection: mentioned	-.06	.05	.23	-.03	.07	.68	.14	.08	.10	.15	.05	.00
Variances of random effects												
Variance: constant	2.41			2.27			1.95			1.57		
Variance: residual	.50			.55			.71			.71		
Proportion of Level 1 variance	17.2%			19.5%			26.7%			31.1%		
Proportion of Level 2 variance	82.8%			8.5%			73.3%			68.9%		
Model fit												
Variance explained (Level 1)	3.8%			9.8%			2.2%			29.7%		
Variance explained (overall)	.3%			1.4%			5.7%			9.2%		

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14 *Note:* TDRC=Transportation Development Research Center, ATRI=American Transportation Research Institute

Table A7. Survey Trustworthiness split by education categories – Study 2 (Migration)

	Maximum high school (Hungary)			Diploma (Hungary)			Maximum high school (US)			Diploma (US)		
	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>
Constant	1.76	.35	< .001	1.77	.45	< .001	1.90	.54	.00	3.08	.30	< .001
<b>Vignette dimensions</b>												
Survey results: 61% say it is bad	.94	.20	< .001	.40	.24	.10	.19	.30	.51	-.03	.16	.85
Sponsor: HVG / Fox	.27	.06	< .001	.27	.09	.00	.33	.10	.00	-.27	.06	< .001
Sample size: 1000	.21	.08	.01	.43	.10	< .001	.14	.12	.25	.70	.08	< .001
Sample size: 10000	.36	.07	< .001	.62	.11	< .001	.71	.12	< .001	1.09	.08	< .001
Representativeness: mentioned	-.04	.06	.54	.09	.09	.29	.15	.10	.12	.02	.06	.77
Random selection: mentioned	.11	.06	.08	.18	.09	.04	.00	.10	.99	.14	.06	.03
<b>Variances of random effects</b>												
Variance: constant		2.59			1.94			2.33			1.84	
Variance: residual		.86			.89			.89			1.02	
Proportion of Level 1 variance		24.9%			31.4%			27.6%			35.7%	
Proportion of Level 2 variance		75.1%			68.6%			72.4%			64.3%	
<b>Model fit</b>												
Variance explained (Level 1)		4.4%			8.2%			11.0%			17.7%	
Variance explained (overall)		7.0%			4.4%			3.3%			8.3%	

Table A8. Survey Trustworthiness split by SNS categories – Study 1 (Commuting)

	SNS: Low (Hungary)			SNS: High (Hungary)			SNS: Low (US)			SNS: High (US)		
	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>
Constant	4.32	.36	< .001	4.05	.37	< .001	3.18	.35	< .001	2.95	.32	< .001
Vignette dimensions												
Survey results: 36% in favor	-.05	.21	.80	-.26	.21	.23	-.15	.20	.454	.13	.17	.447
Sponsor: TDRC (HU) / ATRI (US)	-.14	.05	.01	.00	.06	.98	-.25	.07	< .001	-.24	.06	< .001
Sample size: 1000	.09	.06	.15	.38	.07	< .001	.62	.08	< .001	.74	.07	< .001
Sample size: 10000	.29	.07	< .001	.50	.07	< .001	1.15	.08	< .001	1.19	.08	< .001
Representativeness: mentioned	.02	.05	.65	.15	.06	.01	.04	.07	.510	.02	.06	.713
Random selection: mentioned	-.06	.05	.25	-.03	.06	.54	.20	.07	.004	.11	.06	.064
Variances of random effects												
Variance: constant	2.33			2.40			1.68			1.69		
Variance: residual	.45			.58			.69			.73		
Proportion of Level 1 variance	16.2%			19.5%			29.1%			3.2%		
Proportion of Level 2 variance	83.8%			8.5%			7.9%			69.8%		
Model fit												
Variance explained (Level 1)	4.3%			7.9%			28.9%			25.5%		
Variance explained (overall)	0.0%			2.6%			6.7%			9.0%		

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17 *Note:* TDRC=Transportation Development Research Center, ATRI=American Transportation Research Institute

Table A9. Survey Trustworthiness split by SNS categories – Study 2 (Migration)

	SNS: Low (Hungary)			SNS: High (Hungary)			SNS: Low (US)			SNS: High (US)		
	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>
Constant	1.16	.39	.00	2.23	.39	< .001	2.84	.39	< .001	2.71	.37	< .001
Vignette dimensions												
Survey results: 61% say it is bad	.41	.21	< .001	.53	.22	.02	-.06	.22	.79	.07	.20	.71
Sponsor: HVG / Fox	.41	.08	< .001	.14	.07	.03	-.10	.08	.21	-.12	.08	.12
Sample size: 1000	.27	.09	.00	.29	.08	< .001	.43	.10	< .001	.66	.09	< .001
Sample size: 10000	.36	.09	< .001	.51	.08	< .001	.84	.09	< .001	1.09	.09	< .001
Representativeness: mentioned	-.05	.08	.53	.05	.07	.44	.11	.08	.17	.02	.08	.77
Random selection: mentioned	.12	.08	.13	.17	.07	.01	.09	.08	.24	.12	.08	.12
Variances of random effects												
Variance: constant	1.97			2.73			2.03			1.97		
Variance: residual	.96			.80			.96			1.07		
Proportion of Level 1 variance	32.8%			22.7%			32.1%			35.0%		
Proportion of Level 2 variance	67.2%			77.3%			67.9%			65.0%		
Model fit												
Variance explained (Level 1)	5.9%			5.9%			11.1%			16.0%		
Variance explained (overall)	1.7%			3.6%			4.8%			6.8%		

Table A10. Survey Trustworthiness without political controls – Study 2 (Migration)

	Model with vignette dimensions and controls (Hungary)			Model with vignette dimensions and controls (US)		
	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>
Constant	.46	.58	.424	1.18	.57	.037
<b>Vignette dimensions</b>						
Survey results: 61% say it is bad	.76	.15	< .001	.03	.14	.813
Sponsor: HVG/Fox	.27	.05	< .001	-.11	.05	.049
Sample size: 1000	.29	.06	< .001	.56	.07	< .001
Sample size: 10000	.44	.06	< .001	.98	.07	< .001
Representativeness: mentioned	.01	.05	.827	.06	.05	.26
Random selection: mentioned	.13	.05	.007	.1	.05	.06
<b>Controls</b>						
Age (in years)	-.01	.01	.016	0	0	.755
Gender: Male	.03	.15	.845	.1	.15	.514
Education: Diploma	-.51	.16	.001	.19	.16	.24
Trust in science	.84	.11	< .001	.38	.11	< .001
<b>Variances of random effects</b>						
Variance: constant		2.07			1.91	
Variance: residual		.87			1.01	
Proportion of Level 1 variance		29.6%			34.6%	
Proportion of Level 2 variance		7.4%			65.4%	
<b>Model fit</b>						
Variance explained (Level 1)		6.5%			13.7%	
Variance explained (Level 2)		19.1%			5.0%	
Variance explained (overall)		15.8%			8.2%	
Deviance		5761			5806	

Table A11. Survey Trustworthiness with political controls and interaction of political controls – Study 2 (Migration)

	Issue agreement and left-right interaction (Hungary)			Issue agreement and political interest interaction (Hungary)			Issue agreement and left-right interaction (US)			Issue agreement and political interest interaction (US)		
	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>
Constant	.04	.62	.952	-.02	.62	.971	-1.22	.72	.092	-.97	.72	.18
<b>Vignette dimensions</b>												
Survey results: 61% say it is bad	.69	.14	< .001	.69	.14	< .001	.54	.15	< .001	.47	.14	.001
Sponsor: HVG / Fox	.27	.05	< .001	.27	.05	< .001	-.11	.05	.036	-.11	.05	.037
Sample size: 1000	.29	.06	< .001	.29	.06	< .001	.56	.07	< .001	.56	.07	< .001
Sample size: 10000	.45	.06	< .001	.45	.06	< .001	.97	.07	< .001	.97	.07	< .001
Representativeness: mentioned	.01	.05	.845	.01	.05	.847	.06	.05	.277	.06	.05	.278
Random selection: mentioned	.13	.05	.007	.13	.05	.007	.1	.05	.055	.11	.05	.049
<b>Controls</b>												
Age (in years)	-.01	.01	.004	-.02	.01	.003			.994			.969
Gender: Male	.08	.15	.582	.08	.15	.588	.15	.14	.294	.15	.14	.297
Education: Diploma	-.48	.15	.002	-.47	.15	.002	.18	.15	.215	.19	.15	.206
Trust in science	.73	.11	< .001	.73	.11	< .001	.6	.11	< .001	.59	.11	< .001
<b>Political controls</b>												
Left-Right: Middle/NA	.07	.22	.736	.16	.19	.398	.82	.25	.001	.59	.2	.003
Left-Right: Right	.55	.23	.019	.56	.2	.006	1.01	.23	< .001	.83	.18	< .001
Political interest	.16	.07	.023	.16	.08	.036	-.01	.08	.883	-.01	.1	.917
Issue agreement: yes	.55	.33	.099	.7	.48	.144	1.68	.25	< .001	1.45	.8	.07
<b>Issue agreement interactions</b>												
Issue agreement × Left-Right: Middle/NA	.35	.42	.395				-.53	.38	.169			
Issue agreement × Left-Right: Right	.01	.44	.983				-.36	.32	.263			
Issue agreement × Political interest				.00	.14	.997				-.010	.18	.947
<b>Variances of random effects</b>												
Variance: constant	1.92				1.92			1.48			1.48	
Variance: residual	.87				.87			1.01			1.01	
Proportion of Level 1 variance	31.2%				31.2%			4.6%			4.6%	
Proportion of Level 2 variance	68.8%				68.8%			59.4%			59.4%	
<b>Model fit</b>												
Variance explained (Level 1)	6.5%				6.5%			13.7%			13.7%	
Variance explained (overall)	2.1%				2.1%			21.7%			21.7%	
Deviance	5725				5726			5705			5707	

Table A12. Survey Trustworthiness (Multilevel Mixed-Effects Ordered Logistic Regression Model) – Study 1 (Commuting)

	Hungary			US		
	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>
<b>Vignette dimensions</b>						
Survey results: 36% in favor	-.72	.46	.12	.12	.31	.71
Sponsor: TDRC (HU) / ATRI (US)	-.20	.11	.09	-.55	.10	< .001
Sample size: 1000	.64	.14	< .001	1.53	.14	< .001
Sample size: 10000	1.15	.14	< .001	2.66	.15	< .001
Representativeness: mentioned	.24	.11	.03	.06	.10	.54
Random selection: mentioned	-.09	.11	.43	.30	.10	.00
<b>Controls</b>						
Age (in years)	.00	.02	.85	-.02	.01	.10
Gender: Male	1.30	.48	.01	.22	.34	.51
Education: Diploma	-1.48	.49	.00	.51	.34	.14
Trust in science	2.16	.32	< .001	1.63	.23	< .001
<b>Cutpoints (symmetric)</b>						
Central 1	3.46	1.68		5.46	1.19	
Central 2	7.20	1.69		7.71	1.20	
Spacing 1	2.43	.11		2.09	.08	
Spacing 2	4.71	.17		4.49	.15	
<b>Variances of random effects</b>						
Variance: constant		21.62			9.54	

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Table A13. Survey Trustworthiness (Multilevel Mixed-Effects Ordered Logistic Regression Model) – Study 2 (Migration)

	Hungary			US		
	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>
<b>Vignette dimensions</b>						
Survey results: 61% say it is bad	1.68	.36	< .001	1.19	.31	< .001
Sponsor: HVG/Fox	.50	.11	< .001	-.22	.11	.04
Sample size: 1000	.60	.13	< .001	1.27	.14	< .001
Sample size: 10000	.93	.13	< .001	1.98	.14	< .001
Representativeness: mentioned	.04	.11	.69	.07	.10	.49
Random selection: mentioned	.25	.11	.02	.23	.11	.03
<b>Controls</b>						
Age (in years)	-.04	.01	.00	.00	.01	.93
Gender: Male	.34	.37	.36	.49	.32	.13
Education: Diploma	-1.09	.38	.00	.42	.34	.21
Trust in science	1.78	.29	< .001	1.33	.25	< .001
<b>Political controls</b>						
Left-Right: Middle/NA	.26	.49	.60	1.25	.44	.01
Left-Right: Right	1.34	.50	.01	1.77	.41	< .001
Political interest	.39	.17	.02	-.08	.19	.67
Issue agreement: yes	1.81	.41	< .001	3.08	.33	< .001
<b>Cutpoints (symmetric)</b>						
Central 1	8.28	1.56		1.25	1.59	
Central 2	1.89	1.57		12.00	1.60	
Spacing 1	1.87	.08		1.68	.07	
Spacing 2	3.51	.12		3.67	.12	
<b>Variances of random effects</b>						
Variance: constant		11.95			7.65	

Table A14. Survey Trustworthiness filtered to the first vignettes. U.S.

	Study 1 (Commuting)			Study 2 (Migration)		
	<i>b</i>	<i>SE</i>	<i>p</i>	<i>b</i>	<i>SE</i>	<i>p</i>
(Intercept)	3.06	0.46	.0001	3.18	0.44	< .001
<b>Vignette dimensions</b>						
Survey results: 36% in favor	0.15	0.14	0.30			
Sponsor: TDRC	-0.23	0.14	0.12			
Sample size: 1000	0.82	0.18	.0001	0.53	0.21	0.01
Sample size: 10000	0.78	0.18	.0001	0.74	0.21	< .001
Representativeness: mentioned	-0.03	0.14	0.85	-0.02	0.17	0.92
Random selection: mentioned	0.12	0.14	0.41	0.12	0.17	0.49
Survey results: 61% say it is bad				-0.09	0.17	0.59
Sponsor: FOX				-0.24	0.17	0.16
<b>Model fit</b>						
N	447			430		
R2	6.6%			3.5%		
Deviance	1019.7			1298.311		