



Technical report

LORE Citizen

Panel 36 – 2019

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Introduction

The Citizen Panel

The Citizen Panel (Swedish: Medborgarpanelen – MP) is an online panel survey run by the Laboratory of Opinion Research (LORE), which is a part of the SOM-institute at the University of Gothenburg. Today, LORE is a research infrastructure for collecting data from online questionnaires, mainly for survey experiments and panel studies. An essential part of LORE is also to contribute to methodological development and testing in the area of web surveys. Each survey consists of a number of specific studies as well as a number of more general questions that are not included in a specific study. The design and content of these specific studies vary, but are mostly either survey experiments using random assignment or panel studies that span over several waves of the Citizen Panel.

Citizen Panel 36 (MP36)

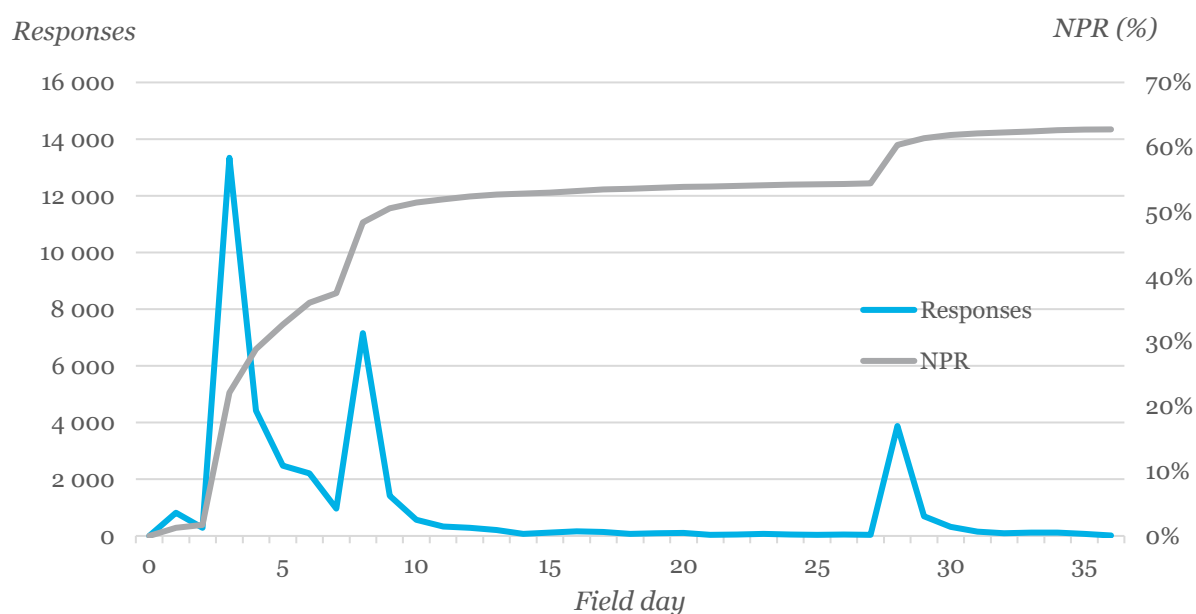
- The panel was carried out between Wednesday December 11, 2019 and Wednesday January 15, 2020.
- Questionnaires were sent to 68,878 panelists of which 43,317 responded (AAPOR RR5: 59.58%, Gross Participation Rate: 61.21%, Net Participation Rate: 64.47%).
- All in all, there were 14 studies included in Citizen Panel 36. In addition to participating in at least one of these studies, the median respondent was asked to answer 9 general questions.
- Respondents in the panel has been required both with probability and non-probability based methods.

Fieldwork

Table 1: Field information

Name:	Citizen Panel 36 (MP36)
No. of field days:	35
Soft launch	Day 1: Wednesday December 11, 15:49, 2019
Main launch	Day 3: Friday December 13, 13:05, 2019
Reminder 1	Day 8: Wednesday December 18, 12:29, 2019
Reminder 2	Day 28: Tuesday January 7, 11:44, 2020
Field end	Day 36: Wednesday January 15, 15:35, 2020

Figure 1: Number of responses / cumulative net participation rate (%) by field day



Summary, Citizen Panel 36

Table 2: General information, Citizen Panel 36

Gross sample size (GSS)	68,878
Net sample size (NSS)	65,400
E-mail bounce backs or failed deliveries	3,478
Coverage rate/Absorption rate	95%
All responses (complete, partials and break-offs)	43,317
Complete responses; more than 80% item response	41,038
Partial responses; 50%-80% item response	1,124
Break-offs; less than 50% item response	1,155
AAPOR RR5	60%
AAPOR RR6 / Gross Participation Rate (GPR)	61%
Net Participation Rate (NPR)	64%

Table 3: Detailed information, Citizen Panel 36

	Mean	Median	Std. Dev.	N.
Received/applicable items	60.11	54.00	22.84	43,317
Item responses	56.89	49.00	24.14	43,317
Item response rate	0.94	0.98	0.15	43,317
Item non-response	0.06	0.02	0.15	43,317
Minutes to answer, excluding outliers	8.85	8.03	4.30	40,105
Seconds per item, excluding outliers	9.08	7.93	5.42	39,795
Seconds per item including text-pages, excluding outliers	9.56	8.30	7.12	39,802
Minutes to answer, including outliers	12.24	8.34	57.59	43,212
Seconds per item, including outliers	11.83	8.16	72.60	42,900
Seconds per item including text-pages, including outliers	13.08	8.58	78.33	42,907
Time-use outliers, speeders, seconds per item	2.80	2.93	0.39	337
Time-use outliers, sleepers, seconds per item	52.54	22.08	281.97	2,768

Featured studies

Table 4: Featured studies in Citizen Panel 36

<i>Study:</i>	<i>Title:</i>	<i>Responsible researcher(s):</i>
Study 0	General questions ¹	LORE
Study 1	The LORE-panel	LORE
Study 2	Inward or Outwards: How Pregnancy Shapes Political Orientations	Elin Naurin
Study 3	Prescription of antibiotics	Björn Rönnerstrand & Centre for antibiotic research (CARE)
Study 4	Alcohol in the workplace	Claudia Fahlke & Martina Wilson
Study 5	Terrorism and support for counterterrorist policies	Jacob Sohlberg
Study 6	The legitimacy of the Swedish welfare state	Anders Lindbom
Study 7	Politically motivated reasoning	Henrik Friberg-Fernros
Study 8	Drugs and environmental impact	Helle Håkonsen
Study 9	Knowledge Resistance (KR) pilot	Jesper Strömbäck
Study 10	Political knowledge and political self-confidence	Sebastian Lundmark & Felix Andersson
Study 11	Varieties of Media Effects (VARME)	Adam Shehata
Study 12	Questions on safety and security in society	Sebastian Lundmark & Frida Sandelin
Study 14	Testing education queries	Frida Sandelin & Anders Carlander

¹ General variables are the variables that are not related to a specific study within the survey. Most of these are repeated on a regular basis, often at least twice every year. Background variables are included in this definition, treated as a sub-category.

Study 0: LORE - General questions

Table 5: General information on Study 0, LORE - General questions

Sample type	Mixed sample
Pre-stratification variables or other selection criteria	-
Age-frame	-
Gross sample size (GSS)	68,878
Net sample size (NSS)	65,400
E-mail bounce backs or failed deliveries	3,478
Coverage rate/Absorption rate	95%
All responses (complete, partials and break-offs)	43,223
Complete responses; more than 80% item response	38,048
Partial responses; 50%-80% item response	3,285
Break-offs; less than 50% item response	1,890
AAPOR RR5	55%
AAPOR RR6 / Gross Participation Rate (GPR)	60%
Net Participation Rate (NPR)	63%

Table 6: Detailed information on Study 0, LORE - General questions

	Mean	Median	Std. Dev.	N.
Received/applicable items	9.61	9.00	2.61	43,223
Item responses	8.85	8.00	3.26	43,223
Item response rate	0.92	1.00	0.21	43,223
Item non-response	0.08	0.00	0.21	43,223
Minutes to answer, excluding outliers	1.21	1.01	0.73	39,740
Seconds per item, excluding outliers	6.70	5.89	3.65	38,227
Seconds per item including text-pages, excluding outliers	7.13	6.27	3.88	38,243
Minutes to answer, including outliers	2.23	1.08	23.39	43,223
Seconds per item, including outliers	10.02	6.11	100.37	41,694
Seconds per item including text-pages, including outliers	13.29	6.56	155.62	41,712
Time-use outliers, speeders, seconds per item	1.78	1.86	0.26	304
Time-use outliers, sleepers, seconds per item	50.92	22.93	361.76	3,163

Study 1: LORE - The LORE-panel

Table 7: General information on Study 1, LORE - The LORE-panel

Sample type	Non-probability
Pre-stratification variables or other selection criteria	-
Age-frame	16+
Gross subsample size	6,297
Net subsample size	5,899
E-mail bounce backs or failed deliveries	398
Coverage rate/Absorption rate	94%
All responses (complete, partials and break-offs)	3,860
Complete responses; more than 80% item response	3,832
Partial responses; 50%-80% item response	11
Break-offs; less than 50% item response	17
AAPOR RR5	61%
AAPOR RR6 / Gross Participation Rate (GPR)	61%
Net Participation Rate (NPR)	65%

Table 8: Detailed information on Study 1, LORE - The LORE-panel

	Mean	Median	Std. Dev.	N.
Received/applicable items	63.39	63.00	0.49	3,860
Item responses	62.88	63.00	3.77	3,860
Item response rate	0.99	1.00	0.06	3,860
Item non-response	0.01	0.00	0.06	3,860
Minutes to answer, excluding outliers	7.32	6.77	2.69	3,556
Seconds per item, excluding outliers	5.62	5.18	2.06	3,556
Seconds per item including text-pages, excluding outliers	5.62	5.18	2.06	3,556
Minutes to answer, including outliers	9.04	6.99	13.64	3,860
Seconds per item, including outliers	6.93	5.35	10.32	3,860
Seconds per item including text-pages, including outliers	6.93	5.35	10.32	3,860
Time-use outliers, speeders, seconds per item	2.15	2.30	0.46	51
Time-use outliers, sleepers, seconds per item	26.34	16.49	34.11	253

Study 2: Naurin – Inward or Outwards: How Pregnancy Shapes Political Orientations

Table 9: General information on Study 2, Naurin – Inward or Outwards: How Pregnancy Shapes Political Orientations

Sample type	Non-probability
Pre-stratification variables or other selection criteria	-
Age-frame	20-50
Gross subsample size	26,822
Net subsample size	25,919
E-mail bounce backs or failed deliveries	903
Coverage rate/Absorption rate	97%
All responses (complete, partials and break-offs)	15,145
Complete responses; more than 80% item response	14,759
Partial responses; 50%-80% item response	153
Break-offs; less than 50% item response	233
AAPOR RR5	55%
AAPOR RR6 / Gross Participation Rate (GPR)	56%
Net Participation Rate (NPR)	58%

Table 10: Detailed information on Study 2, Naurin – Inward or Outwards: How Pregnancy Shapes Political Orientations

	Mean	Median	Std. Dev.	N.
Received/applicable items	43.16	43.00	3.33	15,145
Item responses	41.45	41.00	5.67	15,145
Item response rate	0.96	0.98	0.11	15,145
Item non-response	0.04	0.02	0.11	15,145
Minutes to answer, excluding outliers	4.45	4.14	1.59	13,820
Seconds per item, excluding outliers	5.91	5.43	2.13	13,736
Seconds per item including text-pages, excluding outliers	6.15	5.66	2.22	13,736
Minutes to answer, including outliers	6.67	4.25	55.95	15,145
Seconds per item, including outliers	9.15	5.57	103.08	15,060
Seconds per item including text-pages, including outliers	9.78	5.82	105.44	15,060
Time-use outliers, speeders, seconds per item	2.58	2.67	0.33	256
Time-use outliers, sleepers, seconds per item	52.41	15.85	384.55	1,068

Study 3: Rönnerstrand – Prescription of antibiotics

Table 11: General information on Study 3, Rönnerstrand – Prescription of antibiotics

Sample type	Mixed sample
Pre-stratification variables or other selection criteria	Working doctors
Age-frame	18-74
Gross subsample size	371
Net subsample size	359
E-mail bounce backs or failed deliveries	12
Coverage rate/Absorption rate	97%
All responses (complete, partials and break-offs)	295
Complete responses; more than 80% item response	289
Partial responses; 50%-80% item response	1
Break-offs; less than 50% item response	5
AAPOR RR5	78%
AAPOR RR6 / Gross Participation Rate (GPR)	78%
Net Participation Rate (NPR)	81%

Table 12: Detailed information on Study 3, Rönnerstrand – Prescription of antibiotics

	Mean	Median	Std. Dev.	N.
Received/applicable items	27.17	30.00	8.50	295
Item responses	26.38	30.00	8.68	295
Item response rate	0.97	1.00	0.11	295
Item non-response	0.03	0.00	0.11	295
Minutes to answer, excluding outliers	4.97	4.88	2.30	264
Seconds per item, excluding outliers	10.49	9.54	4.09	235
Seconds per item including text-pages, excluding outliers	11.80	9.98	7.26	264
Minutes to answer, including outliers	5.60	4.93	3.62	295
Seconds per item, including outliers	11.69	9.58	6.77	266
Seconds per item including text-pages, including outliers	12.81	10.11	8.64	295
Time-use outliers, speeders, seconds per item	5.07	5.21	0.48	11
Time-use outliers, sleepers, seconds per item	29.43	26.28	7.68	20

Study 4: Fahlke & Wilson - Alcohol in the workplace

Table 13: General information on Study 4, Fahlke & Wilson - Alcohol in the workplace

Sample type	Mixed sample
Pre-stratification variables or other selection criteria	sex, edu, age
Age-frame	18-80
Gross subsample size	5,226
Net subsample size	5,027
E-mail bounce backs or failed deliveries	199
Coverage rate/Absorption rate	96%
All responses (complete, partials and break-offs)	3,213
Complete responses; more than 80% item response	3,041
Partial responses; 50%-80% item response	89
Break-offs; less than 50% item response	83
AAPOR RR5	58%
AAPOR RR6 / Gross Participation Rate (GPR)	60%
Net Participation Rate (NPR)	62%

Table 14: Detailed information on Study 4, Fahlke & Wilson - Alcohol in the workplace

	Mean	Median	Std. Dev.	N.
Received/applicable items	42.59	45.00	13.55	3,213
Item responses	38.28	41.00	13.53	3,213
Item response rate	0.90	0.93	0.12	3,213
Item non-response	0.10	0.07	0.12	3,213
Minutes to answer, excluding outliers	6.76	6.45	2.91	2,963
Seconds per item, excluding outliers	10.06	8.79	10.28	2,957
Seconds per item including text-pages, excluding outliers	10.57	9.19	10.53	2,957
Minutes to answer, including outliers	9.77	6.57	65.04	3,213
Seconds per item, including outliers	13.29	8.93	75.51	3,207
Seconds per item including text-pages, including outliers	13.97	9.36	75.68	3,207
Time-use outliers, speeders, seconds per item	4.10	4.21	0.40	70
Time-use outliers, sleepers, seconds per item	70.05	22.63	311.34	180

Study 5: Sohlberg - Terrorism and support for counterterrorist policies

Table 15: General information on Study 5, Sohlberg - Terrorism and support for counterterrorist policies

Sample type	Probability
Pre-stratification variables or other selection criteria	sex, edu, age
Age-frame	18-80
Gross subsample size	2,182
Net subsample size	2,093
E-mail bounce backs or failed deliveries	89
Coverage rate/Absorption rate	96%
All responses (complete, partials and break-offs)	1,286
Complete responses; more than 80% item response	1,204
Partial responses; 50%-80% item response	40
Break-offs; less than 50% item response	42
AAPOR RR5	55%
AAPOR RR6 / Gross Participation Rate (GPR)	57%
Net Participation Rate (NPR)	59%

Table 16: Detailed information on Study 5, Sohlberg - Terrorism and support for counterterrorist policies

	Mean	Median	Std. Dev.	N.
Received/applicable items	23.00	23.00	0.00	1,286
Item responses	21.99	23.00	3.89	1,286
Item response rate	0.96	1.00	0.17	1,286
Item non-response	0.04	0.00	0.17	1,286
Minutes to answer, excluding outliers	7.39	6.76	3.31	1,192
Seconds per item, excluding outliers	18.37	16.56	8.12	1,180
Seconds per item including text-pages, excluding outliers	19.28	17.43	8.57	1,180
Minutes to answer, including outliers	9.76	6.98	23.55	1,286
Seconds per item, including outliers	24.07	17.02	57.59	1,274
Seconds per item including text-pages, including outliers	25.22	17.98	59.17	1,274
Time-use outliers, speeders, seconds per item	5.78	5.97	0.59	14
Time-use outliers, sleepers, seconds per item	111.34	52.85	210.26	80

Study 6: Lindbom - The legitimacy of the Swedish welfare state

Table 17: General information on Study 6, Lindbom - The legitimacy of the Swedish welfare state

Sample type	Non-probability
Pre-stratification variables or other selection criteria	Full-time employed
Age-frame	-
Gross subsample size	12,577
Net subsample size	11,906
E-mail bounce backs or failed deliveries	671
Coverage rate/Absorption rate	95%
All responses (complete, partials and break-offs)	8,705
Complete responses; more than 80% item response	8,438
Partial responses; 50%-80% item response	90
Break-offs; less than 50% item response	177
AAPOR RR5	67%
AAPOR RR6 / Gross Participation Rate (GPR)	68%
Net Participation Rate (NPR)	72%

Table 18: Detailed information on Study 6, Lindbom - The legitimacy of the Swedish welfare state

	Mean	Median	Std. Dev.	N.
Received/applicable items	27.19	27.00	0.40	8,705
Item responses	26.43	27.00	3.40	8,705
Item response rate	0.97	1.00	0.12	8,705
Item non-response	0.03	0.00	0.12	8,705
Minutes to answer, excluding outliers	6.35	5.88	2.40	8,000
Seconds per item, excluding outliers	13.69	12.47	5.46	7,970
Seconds per item including text-pages, excluding outliers	13.92	12.68	5.57	7,970
Minutes to answer, including outliers	8.76	6.06	61.49	8,705
Seconds per item, including outliers	19.13	12.86	137.75	8,675
Seconds per item including text-pages, including outliers	19.58	13.08	138.43	8,675
Time-use outliers, speeders, seconds per item	5.52	5.57	0.46	110
Time-use outliers, sleepers, seconds per item	94.50	38.32	520.15	595

Study 7: Friberg-Fernros - Politically motivated reasoning

Table 19: General information on Study 7, Friberg-Fernros - Politically motivated reasoning

Sample type	Non-probability
Pre-stratification variables or other selection criteria	sex, age, edu
Age-frame	20-83
Gross subsample size	14,545
Net subsample size	14,052
E-mail bounce backs or failed deliveries	493
Coverage rate/Absorption rate	97%
All responses (complete, partials and break-offs)	7,882
Complete responses; more than 80% item response	7,789
Partial responses; 50%-80% item response	34
Break-offs; less than 50% item response	59
AAPOR RR5	54%
AAPOR RR6 / Gross Participation Rate (GPR)	54%
Net Participation Rate (NPR)	56%

Table 20: Detailed information on Study 7, Friberg-Fernros - Politically motivated reasoning

	Mean	Median	Std. Dev.	N.
Received/applicable items	13.00	13.00	0.00	7,882
Item responses	12.89	13.00	1.02	7,882
Item response rate	0.99	1.00	0.08	7,882
Item non-response	0.01	0.00	0.08	7,882
Minutes to answer, excluding outliers	3.03	2.80	1.10	7,162
Seconds per item, excluding outliers	12.15	11.17	4.46	7,136
Seconds per item including text-pages, excluding outliers	13.09	12.06	4.76	7,136
Minutes to answer, including outliers	4.56	2.89	48.43	7,882
Seconds per item, including outliers	17.56	11.43	201.53	7,854
Seconds per item including text-pages, including outliers	19.48	12.43	207.21	7,854
Time-use outliers, speeders, seconds per item	4.95	5.14	0.64	161
Time-use outliers, sleepers, seconds per item	90.40	34.75	753.43	557

Study 8: Håkonsen - Drugs and environmental impact

Table 21: General information on Study 8, Håkonsen - Drugs and environmental impact

Sample type	Probability
Pre-stratification variables or other selection criteria	sex, age, edu
Age-frame	18-80
Gross subsample size	2,800
Net subsample size	2,674
E-mail bounce backs or failed deliveries	126
Coverage rate/Absorption rate	96%
All responses (complete, partials and break-offs)	1,583
Complete responses; more than 80% item response	1,500
Partial responses; 50%-80% item response	33
Break-offs; less than 50% item response	50
AAPOR RR5	54%
AAPOR RR6 / Gross Participation Rate (GPR)	55%
Net Participation Rate (NPR)	57%

Table 22: Detailed information on Study 8, Håkonsen - Drugs and environmental impact

	Mean	Median	Std. Dev.	N.
Received/applicable items	17.68	15.00	3.77	1,583
Item responses	17.17	15.00	4.53	1,583
Item response rate	0.97	1.00	0.14	1,583
Item non-response	0.03	0.00	0.14	1,583
Minutes to answer, excluding outliers	6.36	5.86	2.76	1,477
Seconds per item, excluding outliers	12.74	11.17	6.55	1,475
Seconds per item including text-pages, excluding outliers	21.57	19.41	10.05	1,475
Minutes to answer, including outliers	7.31	5.99	7.83	1,583
Seconds per item, including outliers	14.23	11.39	14.62	1,581
Seconds per item including text-pages, including outliers	24.77	19.83	24.91	1,581
Time-use outliers, speeders, seconds per item	3.30	3.40	0.73	28
Time-use outliers, sleepers, seconds per item	46.36	34.11	49.33	78

Study 9: Strömbäck - Knowledge Resistance (KR) pilot

Table 23: General information on Study 9, Strömbäck - Knowledge Resistance (KR) pilot

Sample type	Mixed sample
Pre-stratification variables or other selection criteria	sex, age, edu
Age-frame	16+
Gross subsample size	5,881
Net subsample size	5,482
E-mail bounce backs or failed deliveries	399
Coverage rate/Absorption rate	93%
All responses (complete, partials and break-offs)	3,915
Complete responses; more than 80% item response	3,262
Partial responses; 50%-80% item response	235
Break-offs; less than 50% item response	418
AAPOR RR5	55%
AAPOR RR6 / Gross Participation Rate (GPR)	59%
Net Participation Rate (NPR)	64%

Table 24: Detailed information on Study 9, Strömbäck - Knowledge Resistance (KR) pilot

	Mean	Median	Std. Dev.	N.
Received/applicable items	35.82	37.00	3.97	3,915
Item responses	31.25	36.00	9.25	3,915
Item response rate	0.88	0.97	0.25	3,915
Item non-response	0.12	0.03	0.25	3,915
Minutes to answer, excluding outliers	5.57	5.22	2.20	3,312
Seconds per item, excluding outliers	9.16	8.60	3.77	3,304
Seconds per item including text-pages, excluding outliers	9.47	8.88	3.85	3,304
Minutes to answer, including outliers	7.15	5.13	25.42	3,915
Seconds per item, including outliers	11.64	8.43	41.65	3,907
Seconds per item including text-pages, including outliers	12.12	8.73	41.93	3,907
Time-use outliers, speeders, seconds per item	2.25	2.31	0.46	366
Time-use outliers, sleepers, seconds per item	60.68	26.74	160.85	237

Study 10: Lundmark & Andersson - Political knowledge and political self-confidence

Table 25: General information on Study 10, Lundmark & Andersson - Political knowledge and political self-confidence

Sample type	Non-probability
Pre-stratification variables or other selection criteria	political interest
Age-frame	16+
Gross subsample size	3,000
Net subsample size	2,771
E-mail bounce backs or failed deliveries	229
Coverage rate/Absorption rate	92%
All responses (complete, partials and break-offs)	1,873
Complete responses; more than 80% item response	1,834
Partial responses; 50%-80% item response	2
Break-offs; less than 50% item response	37
AAPOR RR5	61%
AAPOR RR6 / Gross Participation Rate (GPR)	61%
Net Participation Rate (NPR)	66%

Table 26: Detailed information on Study 10, Lundmark & Andersson - Political knowledge and political self-confidence

	Mean	Median	Std. Dev.	N.
Received/applicable items	15.00	15.00	0.12	1,873
Item responses	14.72	15.00	1.65	1,873
Item response rate	0.98	1.00	0.11	1,873
Item non-response	0.02	0.00	0.11	1,873
Minutes to answer, excluding outliers	4.08	3.73	1.64	1,740
Seconds per item, excluding outliers	9.10	8.20	3.81	1,735
Seconds per item including text-pages, excluding outliers	9.84	8.99	4.02	1,740
Minutes to answer, including outliers	4.78	3.82	6.06	1,873
Seconds per item, including outliers	10.74	8.38	14.31	1,868
Seconds per item including text-pages, including outliers	11.51	9.21	14.41	1,873
Time-use outliers, speeders, seconds per item	2.80	2.98	0.70	29
Time-use outliers, sleepers, seconds per item	40.40	27.93	50.16	104

Study 11: Shehata - Varieties of Media Effects (VARME)

Table 27: General information on Study 11, Shehata - Varieties of Media Effects (VARME)

Sample type	Probability
Pre-stratification variables or other selection criteria	age, edu
Age-frame	16-80
Gross subsample size	3,400
Net subsample size	3,257
E-mail bounce backs or failed deliveries	143
Coverage rate/Absorption rate	96%
All responses (complete, partials and break-offs)	2,087
Complete responses; more than 80% item response	1,937
Partial responses; 50%-80% item response	126
Break-offs; less than 50% item response	24
AAPOR RR5	57%
AAPOR RR6 / Gross Participation Rate (GPR)	61%
Net Participation Rate (NPR)	63%

Table 28: Detailed information on Study 11, Shehata - Varieties of Media Effects (VARME)

	Mean	Median	Std. Dev.	N.
Received/applicable items	34.00	34.00	0.00	2,087
Item responses	32.03	34.00	3.97	2,087
Item response rate	0.94	1.00	0.12	2,087
Item non-response	0.06	0.00	0.12	2,087
Minutes to answer, excluding outliers	3.66	3.39	1.24	1,919
Seconds per item, excluding outliers	4.80	4.46	1.65	1,919
Seconds per item including text-pages, excluding outliers	4.94	4.58	1.69	1,919
Minutes to answer, including outliers	4.44	3.43	9.28	2,087
Seconds per item, including outliers	5.77	4.51	12.19	2,087
Seconds per item including text-pages, including outliers	5.99	4.65	12.51	2,087
Time-use outliers, speeders, seconds per item	1.74	2.04	0.71	54
Time-use outliers, sleepers, seconds per item	23.88	12.72	48.39	114

Study 12: Lundmark & Sandelin - Questions on safety and security in society (Trygg-SAM SOM)

Table 29: General information on Study 12, Lundmark & Sandelin - Questions on safety and security in society (Trygg-SAM SOM)

Sample type	Probability
Pre-stratification variables or other selection criteria	age, edu
Age-frame	16-80
Gross subsample size	6,400
Net subsample size	6,028
E-mail bounce backs or failed deliveries	372
Coverage rate/Absorption rate	94%
All responses (complete, partials and break-offs)	3,899
Complete responses; more than 80% item response	3,879
Partial responses; 50%-80% item response	6
Break-offs; less than 50% item response	14
AAPOR RR5	61%
AAPOR RR6 / Gross Participation Rate (GPR)	61%
Net Participation Rate (NPR)	64%

Table 30: Detailed information on Study 12, Lundmark & Sandelin - Questions on safety and security in society (Trygg-SAM SOM)

	Mean	Median	Std. Dev.	N.
Received/applicable items	6.00	6.00	0.02	3,899
Item responses	5.97	6.00	0.35	3,899
Item response rate	0.99	1.00	0.06	3,899
Item non-response	0.01	0.00	0.06	3,899
Minutes to answer, excluding outliers	0.96	0.89	0.35	3,511
Seconds per item, excluding outliers	8.26	7.67	3.02	3,511
Seconds per item including text-pages, excluding outliers	8.26	7.67	3.02	3,511
Minutes to answer, including outliers	1.19	0.92	1.53	3,899
Seconds per item, including outliers	10.22	7.89	13.16	3,899
Seconds per item including text-pages, including outliers	10.22	7.89	13.16	3,899
Time-use outliers, speeders, seconds per item	3.18	3.27	0.47	88
Time-use outliers, sleepers, seconds per item	35.11	23.88	38.31	300

Study 14: Sandelin & Carlander - Testing education queries

Table 31: General information on Study 14, Sandelin & Carlander - Testing education queries

Sample type	Mixed sample
Pre-stratification variables or other selection criteria	-
Age-frame	16+
Gross subsample size	13,764
Net subsample size	12,789
E-mail bounce backs or failed deliveries	975
Coverage rate/Absorption rate	93%
All responses (complete, partials and break-offs)	8,971
Complete responses; more than 80% item response	8,960
Partial responses; 50%-80% item response	0
Break-offs; less than 50% item response	11
AAPOR RR5	65%
AAPOR RR6 / Gross Participation Rate (GPR)	65%
Net Participation Rate (NPR)	70%

Table 32: Detailed information on Study 14, Sandelin & Carlander - Testing education queries

	Mean	Median	Std. Dev.	N.
Received/applicable items	1.00	1.00	0.00	8,971
Item responses	1.00	1.00	0.03	8,971
Item response rate	1.00	1.00	0.03	8,971
Item non-response	0.00	0.00	0.03	8,971
Minutes to answer, excluding outliers	0.32	0.29	0.15	8,378
Seconds per item, excluding outliers	1.42	1.26	0.72	8,378
Seconds per item including text-pages, excluding outliers	1.42	1.26	0.72	8,378
Minutes to answer, including outliers	0.38	0.30	0.62	8,971
Seconds per item, including outliers	1.66	1.31	2.47	8,971
Seconds per item including text-pages, including outliers	1.66	1.31	2.47	8,971
Time-use outliers, speeders, seconds per item	0.31	0.32	0.04	75
Time-use outliers, sleepers, seconds per item	5.82	4.47	8.87	518

Glossary

<i>AAPOR participation rate (RR5):</i>	AAPOR Standard Definitions 2011 participation rate measure excluding partial responses (partials are defined as response with over 20 and less than 50 percent item nonresponse; calculation: $RR5 = (\text{responses} - \text{partials}) / \text{GSS}$).
<i>Background variables</i>	Includes questions related to demographic or basic socio-economic factors such as age, education, household etc. These are regularly updated.
<i>Break-offs</i>	Type of nonresponse. Defined as responses with more than 50 percent item nonresponse, used when calculating AAPOR RR5.
<i>Coverage rate/Absorption rate</i>	The quotient of net and gross sample size (coverage = NSS / GSS). Coverage and absorption rate are synonyms describing this relation.
<i>Date of reminders</i>	Reminders are sent by email to those in the sample who have not yet completed the survey.
<i>E-mail bounce backs</i>	Due to automatic spam filters and similar services, or incorrect e-mail addresses, certain e-mails may result in a bounce back, i.e. a non-contact. Includes booth “hard” and “soft” bounce backs.
<i>Field period</i>	The field period is the time passed between the first and the last field day.
<i>General variables (Study 0)</i>	General variables are the variables that are not related to a specific study within the survey. Most of these are repeated on a regular basis, often at least twice every year. Background variables are included in this definition, treated as a sub-category.
<i>Gross participation rate (GPR)</i>	The quotient of responses and gross sample size ($\text{GPR} = \text{responses} / \text{GSS}$). Does not exclude partials. Corresponds to AAPOR RR6 and COMR.
<i>Gross sample size (GSS)</i>	Gross sample size is the number of potential participants in the initial sample.
<i>Gross subsample size</i>	Gross subsample size is the number of potential participants assigned to a specific study in the initial sample.
<i>Item non-response</i>	Calculated by subtracting the item response rate from one (1-item response rate).
<i>Item response rate</i>	Calculated by dividing the number of item responses with the number of received/applicable items.
<i>Net participation rate (NPR)</i>	The quotient of responses and net sample size ($\text{NPR} = \text{responses} / \text{NSS}$). Does not exclude partials.
<i>Net sample size (NSS)</i>	Net sample size is the number of potential participants in the initial sample, excluding e-mail bounce backs ($\text{NSS} = \text{GSS} - \text{bounce backs}$).
<i>Net subsample size</i>	Net subsample size is the number of potential participants assigned to a specific study in the initial sample, excluding e-mail bounce backs within that subsample.
<i>Partial response</i>	Defined as responses with more than 20 and less than 50 percent item nonresponse (less than 80% of the questions answered), used when calculating AAPOR RR5.
<i>Received/applicable items</i>	
<i>Responses</i>	The number of surveys completed by a participant that are registered on the last field day.
<i>Study</i>	A study is a featured specific study, e.g. an experiment, or a set of panel questions with a specific purpose, or some other kind of specific and delimited study.
<i>Text-pages</i>	Pages in the survey where no questions are asked, i.e. text-only.
<i>Time-use outliers, speeders</i>	A respondent is defined as a speeder if the mean time-use per question/item is less than the first quartile minus half the interquartile range ($Q1 - 0.5 \times \text{IQR}$).
<i>Time-use outliers, sleepers</i>	A respondent is defined as a sleeper if the mean time-use per question/item is more than the third quartile plus 1.5 times the interquartile range ($Q3 + 1.5 \times \text{IQR}$).

The Laboratory of Opinion Research (LORE) is an academic web survey center located at the SOM-institute at the University of Gothenburg. The objective of the Laboratory of Opinion Research is to facilitate for scientists to conduct web survey experiments, collect panel data, and to contribute to methodological development. For more information, please contact us at:

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