Technical report

LORE Citizen Panel 37 – 2020

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Contents

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 37 (MP37)

- The panel was carried out between Monday February 24, 2020 and Thursday March 19, 2020.
- Questionnaires were sent to 64,765 panelists of which 41,707 started the survey, and 40,678 made a complete response (AAPOR RR5: 63%, Gross Participation Rate: 63%, Net Participation Rate: 67%).
- All in all, there were nine studies included in Citizen Panel 37. In addition to participating in at least one of these studies, the median respondent was asked to answer 26 general questions.
- Respondents in the panel are recruited with both probability and non-probability based methods.

Fieldwork

Table 1: Field information

Name	Citizen Panel 37 (MP37)
No. of field days	24
Soft launch	Day 1: Monday February 24, 12:16, 2020
Main launch	Day 1: Monday February 24, 17:18, 2020
Reminder 1	Day 9: Tuesday March 3, 16:20, 2020
Reminder 2	Day 17: Wednesday March 11, 16:05, 2020
Field end	Day 25: Thursday March 19, 14:16, 2020

Figure 1: Number of responses / cumulative net participation rate (%) by field day
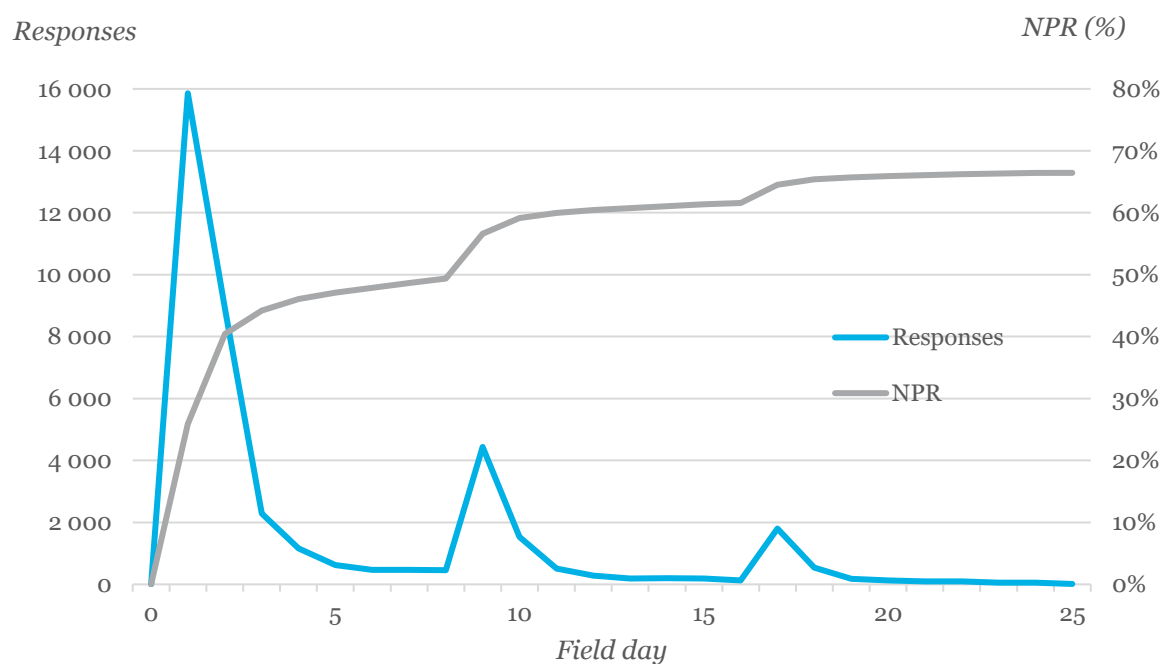
Summary, Citizen Panel 37

Table 2: General information, Citizen Panel 37

Gross sample size (GSS)	64,765
Net sample size (NSS)	61,224
E-mail bounce backs or failed deliveries	3,541
Coverage rate/Absorption rate	95%
All responses (complete, partials and break-offs)	41,707
Complete responses; more than 80% item response	40,678
Partial responses; 50%-80% item response	211
Break-offs; less than 50% item response	818
AAPOR RR5	63%
AAPOR RR6 / Gross Participation Rate (GPR)	63%
Net Participation Rate (NPR)	67%

Table 3: Detailed information, Citizen Panel 37

	Mean	Median	Std. Dev.	N.
Received/applicable items	65.40	71.00	21.77	41,707
Item responses	63.49	71.00	23.12	41,707
Item response rate	0.97	1.00	0.12	41,707
Item non-response	0.03	0.00	0.12	41,707
Minutes to answer, excluding outliers	11.17	10.29	4.86	38,679
Seconds per item, excluding outliers	10.29	8.97	11.28	38,641
Seconds per item including text-pages, excluding outliers	11.16	9.69	12.24	38,679
Minutes to answer, including outliers	14.85	10.61	78.32	41,707
Seconds per item, including outliers	13.82	9.21	95.10	41,669
Seconds per item including text-pages, including outliers	15.19	9.96	107.04	41,707
Time-use outliers, speeders, seconds per item	3.50	3.64	0.45	502
Time-use outliers, sleepers, seconds per item	69.92	24.11	379.38	2,526

Featured studies

Table 4: Featured studies in Citizen Panel XX

Study:	Title:	Responsible researcher(s):
Study 0	General questions[1]	LORE
Study 1	Tables versus vignettes in online surveys	Sebastian Lundmark & Josefin Magnusson (LORE)
Study 2	Institutional trust for Sahlgrenska University Hospital	LORE & Anne-Charlotte Horgby
Study 3	Symbolic effects of descriptive representation in Sweden	Kåre Vernby
Study 4	Attitudes toward marketing of gambling after the introduction of the gambling law	Åsa Kroon
Study 5	Attitudes toward energy and climate related issues	Cecilia Bergstad
Study 6	Crisis communication and trust in the multi-public society (KRISAMS), initial survey	Marina Ghersetti & Bengt Johansson
Study 7	Politically motivated reasoning	Henrik Friberg-Fernros
Study 8	Asking questions on field of education in surveys	Anders Carlander & Frida Sandelin (LORE)
Study 9	The dice survey: Effects of randomizing question order in surveys	Anders Carlander & Daniel Enström (LORE)
Study 10	Resistance toward antibiotics	Björn Rönnerstrand (LORE)

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[1] General variables are the variables that are not related to a specific study within the survey. Most of these are updated 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, General questions

Sample type	Probability 16 % Non-probability: 84 %
Pre-stratification variables or other selection criteria	–
Age-frame	16+
Gross sample size (GSS)	64,765
Net sample size (NSS)	61,224
E-mail bounce backs or failed deliveries	3,541
Coverage rate/Absorption rate	95%
All responses (complete, partials and break-offs)	41,869
Complete responses; more than 80% item response	40,654
Partial responses; 50%-80% item response	256
Break-offs; less than 50% item response	959
AAPOR RR5	63%
AAPOR RR6 / Gross Participation Rate (GPR)	63%
Net Participation Rate (NPR)	67%

Table 6: Detailed information on Study 0, General questions

	Mean	Median	Std. Dev.	N.
Received/applicable items	25.34	26.00	5.24	41,869
Item responses	24.39	26.00	6.34	41,869
Item response rate	0.96	1.00	0.15	41,869
Item non-response	0.04	0.00	0.15	41,869
Minutes to answer, excluding outliers	4.92	4.55	2.31	38,829
Seconds per item, excluding outliers	11.05	9.94	5.61	37,804
Seconds per item including text-pages, excluding outliers	12.03	10.49	10.95	38,829
Minutes to answer, including outliers	6.99	4.70	69.05	41,869
Seconds per item, including outliers	16.83	10.23	276.66	40,831
Seconds per item including text-pages, including outliers	19.10	10.81	305.16	41,869
Time-use outliers, speeders, seconds per item	3.94	4.06	0.41	458
Time-use outliers, sleepers, seconds per item	104.18	31.46	1099.26	2,569

Study 1: Lundmark & Magnusson - Tables versus vignettes in online surveys

Table 7: General information on Study 1, Tables versus vignettes in online surveys

Sample type	Probability 29 %
	Non-probability: 71 %
Pre-stratification variables or other selection criteria	-
Age-frame	16-85
Gross subsample size	7,000
Net subsample size	6,653
E-mail bounce backs or failed deliveries	347
Coverage rate/Absorption rate	95%
All responses (complete, partials and break-offs)	4,236
Complete responses; more than 80% item response	4,118
Partial responses; 50%-80% item response	30
Break-offs; less than 50% item response	88
AAPOR RR5	59%
AAPOR RR6 / Gross Participation Rate (GPR)	59%
Net Participation Rate (NPR)	62%

Table 8: Detailed information on Study 1, Tables versus vignettes in online surveys

	Mean	Median	Std. Dev.	N.
Received/applicable items	41.66	38.00	17.57	4,236
Item responses	40.75	34.00	18.34	4,236
Item response rate	0.98	1.00	0.13	4,236
Item non-response	0.02	0.00	0.13	4,236
Minutes to answer, excluding outliers	4.65	4.26	2.25	3,969
Seconds per item, excluding outliers	6.55	5.71	3.74	3,940
Seconds per item including text-pages, excluding outliers	7.47	6.49	4.20	3,940
Minutes to answer, including outliers	6.01	4.43	18.52	4,236
Seconds per item, including outliers	8.64	5.92	42.51	4,207
Seconds per item including text-pages, including outliers	9.86	6.77	42.99	4,207
Time-use outliers, speeders, seconds per item	1.12	1.14	0.14	15
Time-use outliers, sleepers, seconds per item	41.68	18.39	169.98	252

Study 2: LORE & Horgby – Institutional trust for Sahlgrenska University Hospital

Table 9: General information on Study 2, Institutional trust for Sahlgrenska University Hospital

Sample type	Probability
Pre-stratification variables or other selection criteria	living in the county of Västra Götaland
Age-frame	16-81
Gross subsample size	2,774
Net subsample size	2,640
E-mail bounce backs or failed deliveries	134
Coverage rate/Absorption rate	95%
All responses (complete, partials and break-offs)	1,783
Complete responses; more than 80% item response	1,315
Partial responses; 50%-80% item response	413
Break-offs; less than 50% item response	55
AAPOR RR5	47%
AAPOR RR6 / Gross Participation Rate (GPR)	62%
Net Participation Rate (NPR)	65%

Table 10: Detailed information on Study 2, Institutional trust for Sahlgrenska University Hospital

	Mean	Median	Std. Dev.	N.
Received/applicable items	15.76	16.00	1.90	1,783
Item responses	13.81	16.00	3.50	1,783
Item response rate	0.88	1.00	0.19	1,783
Item non-response	0.12	0.00	0.19	1,783
Minutes to answer, excluding outliers	2.46	2.20	1.27	1,644
Seconds per item, excluding outliers	7.61	6.73	3.79	1,641
Seconds per item including text-pages, excluding outliers	9.40	8.10	8.36	1,641
Minutes to answer, including outliers	3.06	2.31	3.04	1,783
Seconds per item, including outliers	8.94	7.05	8.07	1,780
Seconds per item including text-pages, including outliers	11.47	8.48	12.59	1,780
Time-use outliers, speeders, seconds per item	1.91	1.95	0.17	13
Time-use outliers, sleepers, seconds per item	27.10	22.96	19.43	126

Study 3: Vernby – Symbolic effects of descriptive representation in Sweden

Table 11: General information on Study 3, Symbolic effects of descriptive representation in Sweden

Sample type	Probability 6 % Non-probability: 94 %
Pre-stratification variables or other selection criteria	sex
Age-frame	16+
Gross subsample size	11,518
Net subsample size	10,883
E-mail bounce backs or failed deliveries	635
Coverage rate/Absorption rate	94%
All responses (complete, partials and break-offs)	7,468
Complete responses; more than 80% item response	7,316
Partial responses; 50%-80% item response	30
Break-offs; less than 50% item response	122
AAPOR RR5	64%
AAPOR RR6 / Gross Participation Rate (GPR)	64%
Net Participation Rate (NPR)	67%

Table 12: Detailed information on Study 3, Symbolic effects of descriptive representation in Sweden

	Mean	Median	Std. Dev.	N.
Received/applicable items	44.00	44.00	0.00	7,468
Item responses	43.20	44.00	4.97	7,468
Item response rate	0.98	1.00	0.11	7,468
Item non-response	0.02	0.00	0.11	7,468
Minutes to answer, excluding outliers	6.12	5.70	2.28	6,818
Seconds per item, excluding outliers	7.69	7.06	3.19	6,795
Seconds per item including text-pages, excluding outliers	8.41	7.69	3.54	6,795
Minutes to answer, including outliers	8.27	5.86	53.97	7,468
Seconds per item, including outliers	10.13	7.21	70.69	7,445
Seconds per item including text-pages, including outliers	11.36	7.91	72.29	7,445
Time-use outliers, speeders, seconds per item	3.18	3.28	0.41	138
Time-use outliers, sleepers, seconds per item	44.29	19.28	267.21	512

Study 4: Kroon - Attitudes toward marketing of gambling after the introduction of the gambling law

Table 13: General information on Study 4, Attitudes toward marketing of gambling after the introduction of the gambling law

Sample type	Non-probability
Pre-stratification variables or other selection criteria	sex, edu, age
Age-frame	18-85
Gross subsample size	5,000
Net subsample size	4,749
E-mail bounce backs or failed deliveries	251
Coverage rate/Absorption rate	95%
All responses (complete, partials and break-offs)	3,048
Complete responses; more than 80% item response	2,979
Partial responses; 50%-80% item response	18
Break-offs; less than 50% item response	51
AAPOR RR5	60%
AAPOR RR6 / Gross Participation Rate (GPR)	60%
Net Participation Rate (NPR)	63%

Table 14: Detailed information on Study 4, Attitudes toward marketing of gambling after the introduction of the gambling law

	Mean	Median	Std. Dev.	N.
Received/applicable items	12.00	12.00	0.02	3,048
Item responses	11.68	12.00	1.33	3,048
Item response rate	0.97	1.00	0.11	3,048
Item non-response	0.03	0.00	0.11	3,048
Minutes to answer, excluding outliers	3.44	3.07	1.65	2,801
Seconds per item, excluding outliers	14.67	13.03	6.84	2,796
Seconds per item including text-pages, excluding outliers	16.16	14.39	7.54	2,796
Minutes to answer, including outliers	4.45	3.24	14.40	3,048
Seconds per item, including outliers	18.72	13.62	65.98	3,043
Seconds per item including text-pages, including outliers	20.81	15.13	66.50	3,043
Time-use outliers, speeders, seconds per item	4.12	4.21	0.38	32
Time-use outliers, sleepers, seconds per item	73.62	43.40	240.84	215

Study 5: Bergstad - Attitudes toward energy and climate related issues

Table 15: General information on Study 5, Attitudes toward energy and climate related issues

Sample type	Probability
Pre-stratification variables or other selection criteria	sex, edu, age
Age-frame	18-65
Gross subsample size	1,750
Net subsample size	1,683
E-mail bounce backs or failed deliveries	67
Coverage rate/Absorption rate	96%
All responses (complete, partials and break-offs)	939
Complete responses; more than 80% item response	912
Partial responses; 50%-80% item response	11
Break-offs; less than 50% item response	16
AAPOR RR5	52%
AAPOR RR6 / Gross Participation Rate (GPR)	53%
Net Participation Rate (NPR)	55%

Table 16: Detailed information on Study 5, Attitudes toward energy and climate related issues

	Mean	Median	Std. Dev.	N.
Received/applicable items	113.00	113.00	0.00	939
Item responses	110.23	113.00	13.14	939
Item response rate	0.98	1.00	0.12	939
Item non-response	0.02	0.00	0.12	939
Minutes to answer, excluding outliers	14.20	13.14	5.38	854
Seconds per item, excluding outliers	7.32	6.73	2.62	849
Seconds per item including text-pages, excluding outliers	7.58	6.98	2.74	849
Minutes to answer, including outliers	19.53	13.44	67.83	939
Seconds per item, including outliers	10.06	6.83	35.52	934
Seconds per item including text-pages, including outliers	10.40	7.11	35.78	934
Time-use outliers, speeders, seconds per item	2.82	3.01	0.56	24
Time-use outliers, sleepers, seconds per item	51.05	22.20	132.98	61

Study 6: Ghersetti & Johansson - Crisis communication and trust in the multi-public society (KRISAMS), initial survey

Table 17: General information on Study 6, Crisis communication and trust in the multi-public society (KRISAMS), initial survey

Sample type	Non-probability
Pre-stratification variables or other selection criteria	–
Age-frame	16+
Gross subsample size	18,045
Net subsample size	16,940
E-mail bounce backs or failed deliveries	1,105
Coverage rate/Absorption rate	94%
All responses (complete, partials and break-offs)	12,814
Complete responses; more than 80% item response	12,741
Partial responses; 50%-80% item response	26
Break-offs; less than 50% item response	47
AAPOR RR5	71%
AAPOR RR6 / Gross Participation Rate (GPR)	71%
Net Participation Rate (NPR)	75%

Table 18: Detailed information on Study 6, Crisis communication and trust in the multi-public society (KRISAMS), initial survey

	Mean	Median	Std. Dev.	N.
Received/applicable items	53.00	53.00	0.00	12,814
Item responses	52.61	53.00	2.70	12,814
Item response rate	0.99	1.00	0.05	12,814
Item non-response	0.01	0.00	0.05	12,814
Minutes to answer, excluding outliers	6.38	5.90	2.23	11,717
Seconds per item, excluding outliers	6.52	6.04	2.28	11,711
Seconds per item including text-pages, excluding outliers	7.13	6.57	2.61	11,711
Minutes to answer, including outliers	8.06	6.03	33.63	12,814
Seconds per item, including outliers	8.09	6.14	32.81	12,808
Seconds per item including text-pages, including outliers	8.99	6.71	37.39	12,808
Time-use outliers, speeders, seconds per item	2.90	2.97	0.27	283
Time-use outliers, sleepers, seconds per item	32.50	16.17	127.45	814

Study 7: Friberg-Fernros - Politically motivated reasoning

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

Sample type	Non-probability
Pre-stratification variables or other selection criteria	–
Age-frame	16+
Gross subsample size	14,545
Net subsample size	13,612
E-mail bounce backs or failed deliveries	933
Coverage rate/Absorption rate	94%
All responses (complete, partials and break-offs)	9,770
Complete responses; more than 80% item response	9,692
Partial responses; 50%-80% item response	34
Break-offs; less than 50% item response	44
AAPOR RR5	67%
AAPOR RR6 / Gross Participation Rate (GPR)	67%
Net Participation Rate (NPR)	71%

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

	Mean	Median	Std. Dev.	N.
Received/applicable items	12.98	13.00	0.14	9,770
Item responses	12.90	13.00	0.79	9,770
Item response rate	0.99	1.00	0.06	9,770
Item non-response	0.01	0.00	0.06	9,770
Minutes to answer, excluding outliers	3.91	3.60	1.49	8,927
Seconds per item, excluding outliers	14.49	13.34	5.43	8,915
Seconds per item including text-pages, excluding outliers	16.85	15.48	6.38	8,915
Minutes to answer, including outliers	5.13	3.68	22.42	9,770
Seconds per item, including outliers	18.61	13.59	90.71	9,758
Seconds per item including text-pages, including outliers	22.29	15.82	97.16	9,758
Time-use outliers, speeders, seconds per item	5.82	6.03	0.65	212
Time-use outliers, sleepers, seconds per item	81.11	37.58	350.44	631

Study 8: Carlander & Sandelin - Asking questions on field of education in surveys

Table 21: General information on Study 8, Asking questions on field of education in surveys

Sample type	Probability 16 % Non-probability: 84 %
Pre-stratification variables or other selection criteria	-
Age-frame	16+
Gross subsample size	59,583
Net subsample size	56,350
E-mail bounce backs or failed deliveries	3,233
Coverage rate/Absorption rate	95%
All responses (complete, partials and break-offs)	37,113
Complete responses; more than 80% item response	37,027
Partial responses; 50%-80% item response	0
Break-offs; less than 50% item response	86
AAPOR RR5	62%
AAPOR RR6 / Gross Participation Rate (GPR)	62%
Net Participation Rate (NPR)	66%

Table 22: Detailed information on Study 8, Asking questions on field of education in surveys

	Mean	Median	Std. Dev.	N.
Received/applicable items	1.00	1.00	0.00	37,113
Item responses	1.00	1.00	0.05	37,113
Item response rate	1.00	1.00	0.05	37,113
Item non-response	0.00	0.00	0.05	37,113
Minutes to answer, excluding outliers	0.31	0.26	0.17	34,553
Seconds per item, excluding outliers	0.55	0.47	0.32	34,553
Seconds per item including text-pages, excluding outliers	0.55	0.47	0.32	34,553
Minutes to answer, including outliers	0.40	0.28	1.88	37,113
Seconds per item, including outliers	0.72	0.49	3.38	37,113
Seconds per item including text-pages, including outliers	0.72	0.49	3.38	37,113
Time-use outliers, speeders, seconds per item	0.07	0.07	0.01	67
Time-use outliers, sleepers, seconds per item	3.06	2.03	12.77	2,493

Study 9: Carlander & Enström - The dice survey: Effects of randomizing question order in surveys

Table 23: General information on Study 9, The dice survey: Effects of randomizing question order in surveys

Sample type	Non-probability
Pre-stratification variables or other selection criteria	-
Age-frame	20-82
Gross subsample size	5,924
Net subsample size	5,660
E-mail bounce backs or failed deliveries	264
Coverage rate/Absorption rate	96%
All responses (complete, partials and break-offs)	3,293
Complete responses; more than 80% item response	3,227
Partial responses; 50%-80% item response	10
Break-offs; less than 50% item response	56
AAPOR RR5	54%
AAPOR RR6 / Gross Participation Rate (GPR)	55%
Net Participation Rate (NPR)	57%

Table 24: Detailed information on Study 9, The dice survey: Effects of randomizing question order in surveys

	Mean	Median	Std. Dev.	N.
Received/applicable items	33.20	33.00	0.57	3,293
Item responses	32.45	33.00	3.70	3,293
Item response rate	0.98	1.00	0.11	3,293
Item non-response	0.02	0.00	0.11	3,293
Minutes to answer, excluding outliers	3.41	3.21	1.17	2,990
Seconds per item, excluding outliers	5.46	5.10	1.88	2,978
Seconds per item including text-pages, excluding outliers	6.10	5.67	2.14	2,978
Minutes to answer, including outliers	5.00	3.27	28.55	3,293
Seconds per item, including outliers	7.90	5.17	49.84	3,281
Seconds per item including text-pages, including outliers	8.91	5.77	50.44	3,281
Time-use outliers, speeders, seconds per item	2.38	2.48	0.32	90
Time-use outliers, sleepers, seconds per item	44.28	13.61	192.23	213

Study 10: Rönnerstrand – Resistance toward antibiotics

Table 23: General information on Study 10, Resistance toward antibiotics

Sample type	Probability 42 % Non-probability: 58 %
Pre-stratification variables or other selection criteria	–
Age-frame	16+
Gross subsample size	8,552
Net subsample size	8,183
E-mail bounce backs or failed deliveries	369
Coverage rate/Absorption rate	96%
All responses (complete, partials and break-offs)	5,031
Complete responses; more than 80% item response	4,892
Partial responses; 50%-80% item response	6
Break-offs; less than 50% item response	133
AAPOR RR5	57%
AAPOR RR6 / Gross Participation Rate (GPR)	57%
Net Participation Rate (NPR)	60%

Table 24: Detailed information on Study 10, Resistance toward antibiotics

	Mean	Median	Std. Dev.	N.
Received/applicable items	5.00	5.00	0.00	5,031
Item responses	4.85	5.00	0.80	5,031
Item response rate	0.97	1.00	0.16	5,031
Item non-response	0.03	0.00	0.16	5,031
Minutes to answer, excluding outliers	2.10	1.82	1.19	4,649
Seconds per item, excluding outliers	18.94	16.03	11.03	4,549
Seconds per item including text-pages, excluding outliers	21.57	18.45	11.92	4,549
Minutes to answer, including outliers	3.57	1.92	24.57	5,031
Seconds per item, including outliers	35.40	17.06	342.58	4,931
Seconds per item including text-pages, including outliers	40.05	19.49	347.10	4,931
Time-use outliers, speeders, seconds per item	1.93	1.89	0.64	9
Time-use outliers, sleepers, seconds per item	236.99	72.06	1228.74	373

Glossary

AAPOR participation rate (RR5):	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=(responses-partials)/GSS).
Background variables	Includes questions related to demographic or basic socio-economic factors such as age, education, household etc. These are regularly updated.
Break-offs	Type of nonresponse. Defined as responses with more than 50 percent item nonresponse, used when calculating AAPOR RR5.
Coverage rate/Absorption rate	The quotient of net and gross sample size (coverage=NSS/GSS). Coverage and absorption rate are synonyms describing this relation.
Date of reminders	Reminders are sent by email to those in the sample who have not yet completed the survey.
E-mail bounce backs	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.
Field period	The field period is the time passed between the first and the last field day.
General variables (Study 0)	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.
Gross participation rate (GPR)	The quotient of responses and gross sample size (GPR=responses/GSS). Does not exclude partials. Corresponds to AAPOR RR6 and COMR.
Gross sample size (GSS)	Gross sample size is the number of potential participants in the initial sample.
Gross subsample size	Gross subsample size is the number of potential participants assigned to a specific study in the initial sample.
Item non-response	Calculated by subtracting the item response rate from one (1-item response rate).
Item response rate	Calculated by dividing the number of item responses with the number of received/applicable items.
Net participation rate (NPR)	The quotient of responses and net sample size (NPR=responses/NSS). Does not exclude partials.
Net sample size (NSS)	Net sample size is the number of potential participants in the initial sample, excluding e-mail bounce backs (NSS=GSS-bounce backs).
Net subsample size	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.
Partial response	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.
Received/applicable items	
Responses	The number of surveys completed by a participant that are registered on the last field day.
Study	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.
Text-pages	Pages in the survey where no questions are asked, i.e. text-only.
Time-use outliers, speeders	A respondent is defined as a speeder if it the mean time-use per question/item is less than the first quartile minus half the interquartile range (Q1 – 0.5×IQR).
Time-use outliers, sleepers	A respondent is defined as a sleeper if it the mean time-use per question/item is more than the third quartile plus 1.5 times the interquartile range (Q3 + 1.5×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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