



Technical report

LORE Citizen

Panel 43 – 2021

Please use the following citation when using data from Citizen Panel 43:

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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 43 (MP43)

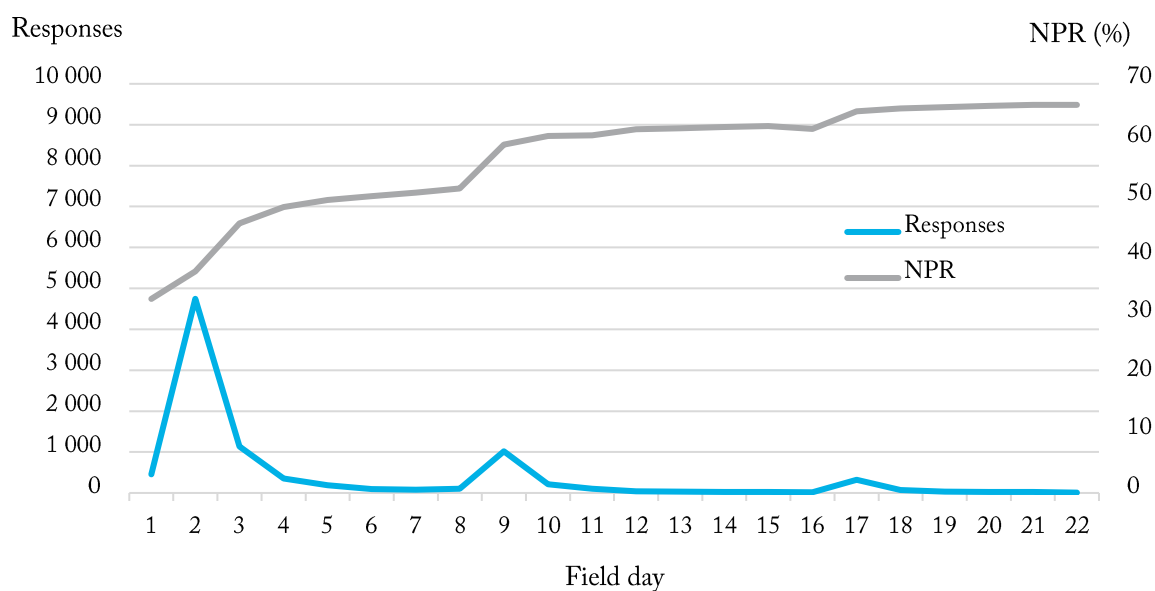
- The panel was carried out between Monday September 27th, 2021 and Monday October 18th 2021.
- Questionnaires were sent to 14,761 panelists of which of which 9,462 started the survey, and 9,116 made a complete response (AAPOR RR5: 62%, Gross Participation Rate: 62%, Net Participation Rate: 67%).
- All in all, there were 5 studies included in Citizen Panel 43. In addition to participating in at least one of these studies, the median respondent was asked to answer 6 general questions.
- Respondents in the panel are recruited with both probability and non-probability based methods.

Fieldwork

Table 1: Field information

Name	Citizen Panel 43 (MP43)
No. of field days	22
Soft launch	Day 1: Monday September 27, 16:44, 2021
Main launch	Day 2: Tuesday September 28, 12:03, 2021
Reminder 1	Day 9: Tuesday October 5, 09:23, 2021
Reminder 2	Day 17: Wednesday October 13, 08:00, 2021
Field end	Day 22: Monday October 18, 14:10, 2021

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



Summary, Citizen Panel 43

Table 2: General information, Citizen Panel 43

Sample type	Non-probability
Pre-stratification vars	-
Age-frame	18+
Gross sample size (GSS):	14 761
Net sample size (NSS):	13 722
E-mail bounce backs or failed deliveries:	1 039
Coverage rate/Absorption rate:	93%
All responses (complete, partials and break-offs)	9 492
Complete responses; more than 80% item response	9 116
Partial responses; 50%-80% item response	61
Break-offs; less than 50% item response	315
AAPOR RR5	62%
AAPOR RR6 / Gross Participation Rate (GPR)	62%
Net Participation Rate (NPR)	67%
Computer device	47%
Mobile device	44%
Tablet device	10%

Table 3: Detailed information, Citizen Panel 43

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	47,63	45,00	8,48	9 492
Number of item responses	45,61	45,00	11,25	9 492
Item response rate	0,96	1,00	0,16	9 492
Item non-response rate	0,04	0,00	0,16	9 492
Minutes to answer, excluding outliers	9,10	8,42	4,00	8 725
Seconds per item, excluding outliers	11,68	10,45	7,38	8 700
Seconds per item including text-pages, excluding outliers	11,68	10,45	7,38	8 700
Minutes to answer, including outliers	10,35	8,63	9,18	9 488
Seconds per item, including outliers	12,99	10,67	11,84	9 463
Seconds per item including text-pages, including outliers	12,99	10,67	11,84	9 463
Seconds per item, speeders (time-use outliers)	4,49	4,59	0,44	202
Seconds per item, sleepers (time-use outliers)	36,26	29,04	30,48	561

Featured studies

Table 4: Featured studies in Citizen Panel 43

<i>Study:</i>	<i>Title:</i>	<i>Responsible researcher(s):</i>
Study 0	General questions ¹	LORE
Study 1	The liberalizing effect of higher education	Mikael Hjerm
Study 2	Trust as feedback	Anna Bendz & Maria Oskarson
Study 3	SWEMARC	Björn Rönnerstrand, John Armbricht & Erik Lundberg
Study 4	Involuntary loneliness among elderly	Axel Wolf
Study 5	Activation and articulation of authoritarian attitudes - pilot study	Mats Ekström

¹ General questions are variables not directly 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 like sex and education-level 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	Non-probability
Pre-stratification variables or other selection criteria	-
Age-frame	18+
Gross sample size (GSS)	14 761
Net sample size (NSS)	13 722
E-mail bounce backs or failed deliveries	1 039
Coverage rate/Absorption rate	93%
All responses (complete, partials and break-offs)	9 496
Complete responses; more than 80% item response	8 384
Partial responses; 50%-80% item response	751
Break-offs; less than 50% item response	361
AAPOR RR5	57%
AAPOR RR6 / Gross Participation Rate (GPR)	62%
Net Participation Rate (NPR)	67%
Computer device	47%
Mobile device	44%
Tablet device	10%

Table 6: Detailed information on Study 0, General questions

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	6,82	6,00	1,02	9 496
Number of item responses	6,34	6,00	1,67	9 496
Item response rate	0,92	1,00	0,20	9 496
Item non-response rate	0,08	0,00	0,20	9 496
Minutes to answer, excluding outliers	1,36	1,27	0,59	8 576
Seconds per item, excluding outliers	11,06	10,08	5,10	8 327
Seconds per item including text-pages, excluding outliers	11,06	10,08	5,10	8 327
Minutes to answer, including outliers	1,86	1,31	5,73	9 496
Seconds per item, including outliers	14,84	10,48	40,07	9 246
Seconds per item including text-pages, including outliers	14,84	10,48	40,07	9 246
Seconds per item, speeders (time-use outliers)	3,79	3,93	0,47	166
Seconds per item, sleepers (time-use outliers)	59,02	35,63	131,59	753

Study 1: Hjern – The liberalizing effect of higher education

Table 7: General information on Study 1, The liberalizing effect of higher education

Sample type	Non-probability
Pre-stratification variables or other selection criteria	Not initiated college/university studies
Age-frame	20-30
Gross subsample size	951
Net subsample size	916
E-mail bounce backs or failed deliveries	35
Coverage rate/Absorption rate	96%
All responses (complete, partials and break-offs)	226
Complete responses; more than 80% item response	219
Partial responses; 50%-80% item response	1
Break-offs; less than 50% item response	6
AAPOR RR5	23%
AAPOR RR6 / Gross Participation Rate (GPR)	23%
Net Participation Rate (NPR)	24%
Computer device	33%
Mobile device	63%
Tablet device	4%

Table 8: Detailed information on Study 1, The liberalizing effect of higher education

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	19,73	20,00	0,61	226
Number of item responses	19,19	20,00	3,11	226
Item response rate	0,97	1,00	0,15	226
Item non-response rate	0,03	0,00	0,15	226
Minutes to answer, excluding outliers	3,11	3,00	1,07	200
Seconds per item, excluding outliers	9,22	8,69	3,00	200
Seconds per item including text-pages, excluding outliers	9,22	8,69	3,00	200
Minutes to answer, including outliers	3,63	3,05	2,88	224
Seconds per item, including outliers	10,68	8,75	8,14	224
Seconds per item including text-pages, including outliers	10,68	8,75	8,14	224
Seconds per item, speeders (time-use outliers)	4,38	4,39	0,31	7
Seconds per item, sleepers (time-use outliers)	30,38	25,49	18,85	17

Study 2: Bendz & Oskarson – Trust as feedback

Table 9: General information on Study 2, Trust as feedback

Sample type	Non-probability
Pre-stratification variables or other selection criteria	sex, edu, age
Age-frame	18-85
Gross subsample size	6 171
Net subsample size	5 885
E-mail bounce backs or failed deliveries	286
Coverage rate/Absorption rate	95%
All responses (complete, partials and break-offs)	3 488
Complete responses; more than 80% item response	3 337
Partial responses; 50%-80% item response	24
Break-offs; less than 50% item response	127
AAPOR RR5	54%
AAPOR RR6 / Gross Participation Rate (GPR)	54%
Net Participation Rate (NPR)	57%
Computer device	37%
Mobile device	55%
Tablet device	7%

Table 10: Detailed information on Study 2, Trust as feedback

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	12,99	13,00	0,11	3 488
Number of item responses	12,50	13,00	2,23	3 488
Item response rate	0,96	1,00	0,17	3 488
Item non-response rate	0,04	0,00	0,17	3 488
Minutes to answer, excluding outliers	2,66	2,44	1,13	3 169
Seconds per item, excluding outliers	11,93	10,69	7,33	3 169
Seconds per item including text-pages, excluding outliers	11,93	10,69	7,33	3 169
Minutes to answer, including outliers	3,32	2,53	3,90	3 467
Seconds per item, including outliers	14,74	11,06	17,45	3 467
Seconds per item including text-pages, including outliers	14,74	11,06	17,45	3 467
Seconds per item, speeders (time-use outliers)	4,21	4,36	0,50	46
Seconds per item, sleepers (time-use outliers)	51,98	36,17	44,91	252

Study 3: Rönnerstrand, Armbrecht & Lundberg – SWEMARC

Table 11: General information on Study 3, SWEMARC

Sample type	Non-probability
Pre-stratification variables or other selection criteria	sex, edu, age
Age-frame	18-85
Gross subsample size	4 171
Net subsample size	3 971
E-mail bounce backs or failed deliveries	200
Coverage rate/Absorption rate	95%
All responses (complete, partials and break-offs)	2 265
Complete responses; more than 80% item response	2 201
Partial responses; 50%-80% item response	22
Break-offs; less than 50% item response	42
AAPOR RR5	53%
AAPOR RR6 / Gross Participation Rate (GPR)	53%
Net Participation Rate (NPR)	56%
Computer device	38%
Mobile device	55%
Tablet device	8%

Table 12: Detailed information on Study 3, SWEMARC

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	18,00	18,00	0,00	2 265
Number of item responses	17,61	18,00	2,20	2 265
Item response rate	0,98	1,00	0,12	2 265
Item non-response rate	0,02	0,00	0,12	2 265
Minutes to answer, excluding outliers	2,22	2,06	0,86	2 061
Seconds per item, excluding outliers	7,07	6,54	2,69	2 052
Seconds per item including text-pages, excluding outliers	7,07	6,54	2,69	2 052
Minutes to answer, including outliers	2,64	2,14	2,50	2 258
Seconds per item, including outliers	8,51	6,78	9,56	2 249
Seconds per item including text-pages, including outliers	8,51	6,78	9,56	2 249
Seconds per item, speeders (time-use outliers)	2,65	2,78	0,35	37
Seconds per item, sleepers (time-use outliers)	28,21	20,01	27,79	160

Study 4: Wolf - Involuntary loneliness among elderly

Table 13: General information on Study 4, Involuntary loneliness among elderly

Sample type	Non-probability
Pre-stratification variables or other selection criteria	sex, edu, age
Age-frame	65+
Gross subsample size	8 000
Net subsample size	7 264
E-mail bounce backs or failed deliveries	736
Coverage rate/Absorption rate	91%
All responses (complete, partials and break-offs)	5 821
Complete responses; more than 80% item response	5 668
Partial responses; 50%-80% item response	23
Break-offs; less than 50% item response	130
AAPOR RR5	71%
AAPOR RR6 / Gross Participation Rate (GPR)	71%
Net Participation Rate (NPR)	78%
Computer device	52%
Mobile device	36%
Tablet device	11%

Table 14: Detailed information on Study 4, Involuntary loneliness among elderly

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	43,13	39,00	6,80	5 821
Number of item responses	41,86	39,00	8,41	5 821
Item response rate	0,97	1,00	0,13	5 821
Item non-response rate	0,03	0,00	0,13	5 821
Minutes to answer, excluding outliers	8,45	7,72	3,47	5 363
Seconds per item, excluding outliers	11,99	10,88	6,09	5 363
Seconds per item including text-pages, excluding outliers	11,99	10,88	6,09	5 363
Minutes to answer, including outliers	9,37	7,82	6,81	5 810
Seconds per item, including outliers	13,03	11,06	9,96	5 810
Seconds per item including text-pages, including outliers	13,03	11,06	9,96	5 810
Seconds per item, speeders (time-use outliers)	5,00	5,09	0,47	136
Seconds per item, sleepers (time-use outliers)	34,35	27,70	26,73	311

Study 5: Ekström - Activation and articulation of authoritarian attitudes - pilot study

Table 15: General information on Study 5, Activation and articulation of authoritarian attitudes - pilot study

Sample type	Non-probability
Pre-stratification variables or other selection criteria	sex, edu, age
Age-frame	18-85
Gross subsample size	2 000
Net subsample size	1 914
E-mail bounce backs or failed deliveries	86
Coverage rate/Absorption rate	96%
All responses (complete, partials and break-offs)	1 096
Complete responses; more than 80% item response	1 082
Partial responses; 50%-80% item response	5
Break-offs; less than 50% item response	9
AAPOR RR5	54%
AAPOR RR6 / Gross Participation Rate (GPR)	54%
Net Participation Rate (NPR)	57%
Computer device	37%
Mobile device	56%
Tablet device	7%

Table 16: Detailed information on Study 5, Activation and articulation of authoritarian attitudes - pilot study

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	38,00	38,00	0,00	1 096
Number of item responses	37,65	38,00	2,55	1 096
Item response rate	0,99	1,00	0,07	1 096
Item non-response rate	0,01	0,00	0,07	1 096
Minutes to answer, excluding outliers	6,26	5,86	2,32	1 002
Seconds per item, excluding outliers	9,72	9,03	3,71	1 002
Seconds per item including text-pages, excluding outliers	9,72	9,03	3,71	1 002
Minutes to answer, including outliers	7,12	5,98	4,72	1 095
Seconds per item, including outliers	11,02	9,23	7,32	1 095
Seconds per item including text-pages, including outliers	11,02	9,23	7,32	1 095
Seconds per item, speeders (time-use outliers)	3,73	3,83	0,46	22
Seconds per item, sleepers (time-use outliers)	31,73	26,67	12,80	71

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 ($\text{coverage} = \text{NSS} / \text{GSS}$). 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 rate</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>Number of 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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