



Technical report

LORE Citizen

Panel 44 – 2021

Please use the following citation when using data from Citizen Panel 44:

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This report was created by:
Felix Andersson,
Deputy Chief Analyst,
Laboratory of Opinion Research,
University of Gothenburg

Contents

Introduction.....	4
The Citizen Panel.....	4
Citizen Panel 44 (MP44).....	4
Fieldwork.....	5
Summary, Citizen Panel 44.....	6
Featured studies.....	7
Study 0: LORE - General questions	8
Study 1: Martinsson – The LORE-panel.....	9
Study 2: Shehata and Oleskog Tryggvason – VARME event study - COP26 wave 2	10
Study 3: Ekström and Shehata – Activation and Articulation of Authoritarian Attitudes – wave 2	11
Study 4: Rönnerstrand and Öhberg, The social contract	12
Glossary	13

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 44 (MP44)

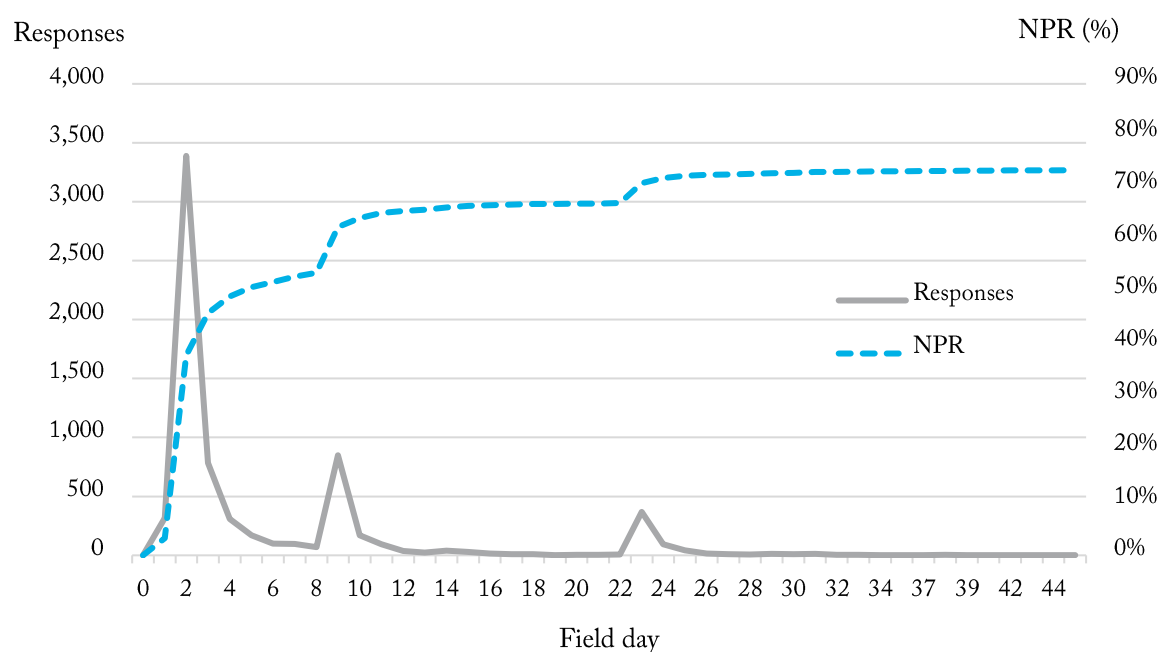
- The panel was carried out between Monday December 6, 2021 and Thursday January 20, 2022.
- Questionnaires were sent to 10,129 panelists of which of which 7,539 started the survey, and 7,139 made a complete response (AAPOR RR5: 70%, Gross Participation Rate: 71%, Net Participation Rate: 74%).
- All in all, there were 4 studies included in Citizen Panel 44. In addition to participating in at least one of these studies, the median respondent was asked to answer 4 general questions.
- Respondents in the panel are recruited with both probability and non-probability based methods.

Fieldwork

Table 1: Field information

Name	Citizen Panel 44 (MP44)
No. of field days	46
Soft launch	Day 1: Monday December 6, 16:00, 2021
Main launch	Day 2: Tuesday December 7, 11:46, 2021
Reminder 1	Day 9: Tuesday December 14, 08:00 2021
Reminder 2	Day 23: Tuesday December 28, 12:00, 2021
Field end	Day 46: Thursday January 20, 10:35, 2022

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



Summary, Citizen Panel 44

Table 2: General information, Citizen Panel 44

Sample type	Probability and non-probability
Pre-stratification variables or other selection criteria	-
Age-frame	18+
Gross subsample size	10 129
Net subsample size	9 711
E-mail bounce backs or failed deliveries	418
Coverage rate/Absorption rate	96%
All responses (complete, partials and break-offs)	7 539
Complete responses; more than 80% item response	7 139
Partial responses; 50%-80% item response	78
Break-offs; less than 50% item response	322
AAPOR RR5	70%
AAPOR RR6 / Gross Participation Rate (GPR)	71%
Net Participation Rate (NPR)	74%
Computer device	43%
Mobile device	50%
Tablet device	7%

Table 3: Detailed information, Citizen Panel 44

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	51,97	38,00	19,34	7 539
Number of item responses	49,23	38,00	21,54	7 539
Item response rate	0,93	0,99	0,20	7 539
Item non-response rate	0,07	0,01	0,20	7 539
Minutes to answer, excluding outliers	8,10	7,54	3,86	7 036
Seconds per item, excluding outliers	11,47	9,09	23,88	6 868
Seconds per item including text-pages, excluding outliers	11,47	9,09	23,88	6 868
Minutes to answer, including outliers	10,13	7,84	23,07	7 538
Seconds per item, including outliers	14,92	9,56	61,26	7 370
Seconds per item including text-pages, including outliers	14,92	9,56	61,26	7 370
Seconds per item, speeders (time-use outliers)	2,50	2,60	0,25	10
Seconds per item, sleepers (time-use outliers)	63,33	29,26	214,08	492

Featured studies

Table 4: Featured studies in Citizen Panel 44

<i>Study:</i>	<i>Title:</i>	<i>Responsible researcher(s):</i>
Study 0	General questions ¹	LORE
Study 1	The LORE-panel	Johan Martinsson
Study 2	VARME event study - COP26 wave 2	Adam Shehata and Per Oleskog Tryggvason
Study 3	Activation and Articulation of Authoritarian Attitudes – wave 2	Mats Ekström and Adam Shehata
Study 4	The social contract	Björn Rönnerstrand and Patrik Öhberg

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	Probability and non-probability
Pre-stratification variables or other selection criteria	
Age-frame	18+
Gross sample size (GSS)	10 129
Net sample size (NSS)	9 711
E-mail bounce backs or failed deliveries	418
Coverage rate/Absorption rate	96%
All responses (complete, partials and break-offs)	7 540
Complete responses; more than 80% item response	5 762
Partial responses; 50%-80% item response	1 183
Break-offs; less than 50% item response	595
AAPOR RR5	57%
AAPOR RR6 / Gross Participation Rate (GPR)	69%
Net Participation Rate (NPR)	72%
Computer device	43%
Mobile device	50%
Tablet device	7%

Table 6: Detailed information on Study 0, General questions

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	4,02	4,00	0,14	7 540
Number of item responses	3,49	4,00	1,14	7 540
Item response rate	0,87	1,00	0,28	7 540
Item non-response rate	0,13	0,00	0,28	7 540
Minutes to answer, excluding outliers	0,53	0,48	0,28	6 873
Seconds per item, excluding outliers	6,68	5,94	3,33	6 484
Seconds per item including text-pages, excluding outliers	6,68	5,94	3,33	6 484
Minutes to answer, including outliers	0,94	0,50	5,60	7 540
Seconds per item, including outliers	11,72	6,25	68,32	7 142
Seconds per item including text-pages, including outliers	11,72	6,25	68,32	7 142
Seconds per item, speeders (time-use outliers)	1,28	1,31	0,32	82
Seconds per item, sleepers (time-use outliers)	69,99	25,26	232,66	576

Study 1: Martinsson – The LORE-panel

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

Sample type	Non-probability
Pre-stratification variables or other selection criteria	panelists
Age-frame	22+
Gross subsample size	5 804
Net subsample size	5 389
E-mail bounce backs or failed deliveries	415
Coverage rate/Absorption rate	93%
All responses (complete, partials and break-offs)	3 603
Complete responses; more than 80% item response	3 514
Partial responses; 50%–80% item response	7
Break-offs; less than 50% item response	82
AAPOR RR5	61%
AAPOR RR6 / Gross Participation Rate (GPR)	61%
Net Participation Rate (NPR)	65%
Computer device	45%
Mobile device	47%
Tablet device	8%

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

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	67,88	68,00	0,32	3 603
Number of item responses	65,22	67,00	9,82	3 603
Item response rate	0,96	0,99	0,14	3 603
Item non-response rate	0,04	0,01	0,14	3 603
Minutes to answer, excluding outliers	8,34	7,66	3,19	3 257
Seconds per item, excluding outliers	5,91	5,39	2,42	3 257
Seconds per item including text-pages, excluding outliers	5,91	5,39	2,42	3 257
Minutes to answer, including outliers	9,65	7,81	14,24	3 602
Seconds per item, including outliers	6,84	5,51	10,08	3 602
Seconds per item including text-pages, including outliers	6,84	5,51	10,08	3 602
Seconds per item, speeders (time-use outliers)	1,01	0,62	0,88	104
Seconds per item, sleepers (time-use outliers)	21,97	15,94	34,47	241

Study 2: Shehata and Oleskog Tryggvason – VARME event study - COP26 wave 2

Table 9: General information on Study 2, VARME event study - COP26 wave 2

Sample type	Probability
Pre-stratification variables or other selection criteria	-
Age-frame	18-84
Gross subsample size	1 952
Net subsample size	1 951
E-mail bounce backs or failed deliveries	1
Coverage rate/Absorption rate	100%
All responses (complete, partials and break-offs)	1 790
Complete responses; more than 80% item response	1 694
Partial responses; 50%-80% item response	23
Break-offs; less than 50% item response	73
AAPOR RR5	87%
AAPOR RR6 / Gross Participation Rate (GPR)	88%
Net Participation Rate (NPR)	88%
Computer device	44%
Mobile device	49%
Tablet device	7%

Table 10: Detailed information on Study 2, VARME event study - COP26 wave 2

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	34,00	34,00	0,00	1 790
Number of item responses	32,41	34,00	6,45	1 790
Item response rate	0,95	1,00	0,19	1 790
Item non-response rate	0,05	0,00	0,19	1 790
Minutes to answer, excluding outliers	6,18	5,62	2,72	1 630
Seconds per item, excluding outliers	11,28	9,90	6,33	1 592
Seconds per item including text-pages, excluding outliers	11,28	9,90	6,33	1 592
Minutes to answer, including outliers	7,43	5,82	12,66	1 785
Seconds per item, including outliers	13,65	10,32	23,93	1 747
Seconds per item including text-pages, including outliers	13,65	10,32	23,93	1 747
Seconds per item, speeders (time-use outliers)	4,07	4,13	0,31	28
Seconds per item, sleepers (time-use outliers)	45,47	31,73	79,46	127

Study 3: Ekström and Shehata – Activation and Articulation of Authoritarian Attitudes – wave 2

Table 11: General information on Study 3, Activation and Articulation of Authoritarian Attitudes – wave 2

Sample type	Non-probability
Pre-stratification variables or other selection criteria	sex, edu, age
Age-frame	18-85
Gross subsample size	2 373
Net subsample size	2 371
E-mail bounce backs or failed deliveries	2
Coverage rate/Absorption rate	100%
All responses (complete, partials and break-offs)	2 145
Complete responses; more than 80% item response	1 952
Partial responses; 50%-80% item response	25
Break-offs; less than 50% item response	168
AAPOR RR5	82%
AAPOR RR6 / Gross Participation Rate (GPR)	83%
Net Participation Rate (NPR)	83%
Computer device	37%
Mobile device	55%
Tablet device	8%

Table 12: Detailed information on Study 3, Activation and Articulation of Authoritarian Attitudes – wave 2

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	26,16	28,00	2,76	2 145
Number of item responses	23,46	27,00	7,21	2 145
Item response rate	0,90	1,00	0,26	2 145
Item non-response rate	0,10	0,00	0,26	2 145
Minutes to answer, excluding outliers	6,98	6,65	3,56	1 941
Seconds per item, excluding outliers	17,74	15,36	19,64	1 881
Seconds per item including text-pages, excluding outliers	17,74	15,36	19,64	1 881
Minutes to answer, including outliers	8,69	6,72	28,47	2 143
Seconds per item, including outliers	25,35	15,50	109,71	2 083
Seconds per item including text-pages, including outliers	25,35	15,50	109,71	2 083
Seconds per item, speeders (time-use outliers)	5,29	5,39	0,86	83
Seconds per item, sleepers (time-use outliers)	159,70	49,69	432,23	119

Study 4: Rönnerstrand and Öhberg, The social contract

Table 13: General information on Study 4, The social contract

Sample type	Non-probability
Pre-stratification variables or other selection criteria	panelists
Age-frame	22-85
Gross subsample size	1 300
Net subsample size	1 215
E-mail bounce backs or failed deliveries	85
Coverage rate/Absorption rate	93%
All responses (complete, partials and break-offs)	672
Complete responses; more than 80% item response	653
Partial responses; 50%-80% item response	8
Break-offs; less than 50% item response	11
AAPOR RR5	50%
AAPOR RR6 / Gross Participation Rate (GPR)	51%
Net Participation Rate (NPR)	54%
Computer device	42%
Mobile device	51%
Tablet device	7%

Table 14: Detailed information on Study 4, The social contract

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	2,31	2,00	0,77	672
Number of item responses	2,27	2,00	0,80	672
Item response rate	0,98	1,00	0,11	672
Item non-response rate	0,02	0,00	0,11	672
Minutes to answer, excluding outliers	1,93	1,57	1,51	631
Seconds per item, excluding outliers	5,51	4,55	4,26	631
Seconds per item including text-pages, excluding outliers	5,51	4,55	4,26	631
Minutes to answer, including outliers	3,99	1,72	37,63	671
Seconds per item, including outliers	11,57	4,91	112,86	671
Seconds per item including text-pages, including outliers	11,57	4,91	112,86	671
Seconds per item, speeders (time-use outliers)	0,00	0,00	0,00	0
Seconds per item, sleepers (time-use outliers)	107,15	24,50	456,69	40

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:

info@lore.gu.se