



Technical report

LORE Citizen

Panel 42 – 2021

Please use the following citation when using data from Citizen Panel 42:

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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 42 (MP42)

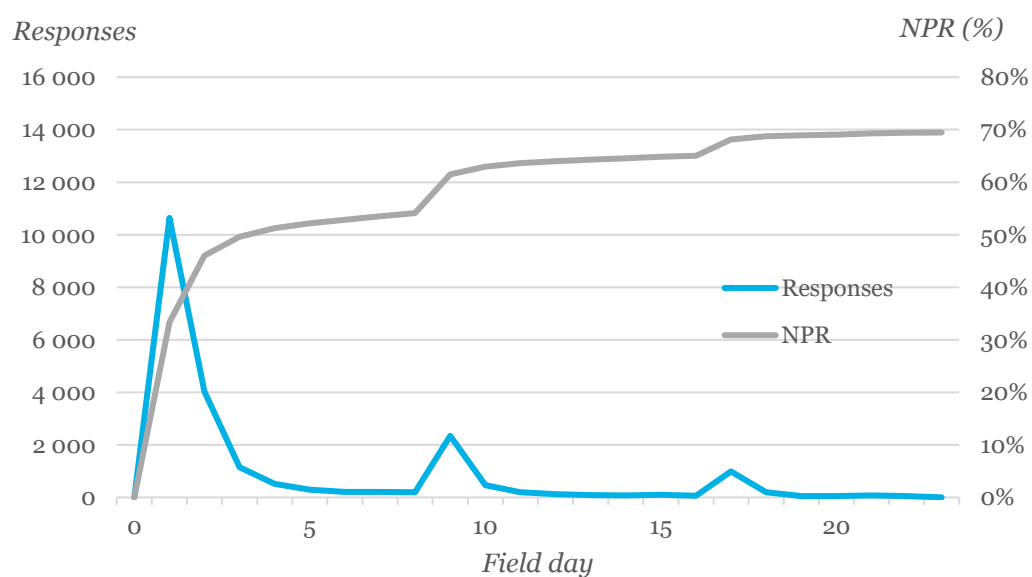
- The panel was carried out between Monday June 7th, 2021 and Tuesday June 29th, 2021.
- Questionnaires were sent to 33,330 panelists of which of which 22,714 started the survey, and 22,150 made a complete response (AAPOR RR5: 66%, Gross Participation Rate: 67%, Net Participation Rate: 70%).
- All in all, there were six studies included in Citizen Panel 42. 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 42 (MP42)
No. of field days	22
Soft launch	Day 1: Monday June 7, 08:00, 2021
Main launch	Day 1: Monday June 7, 16:17, 2021
Reminder 1	Day 9: Tuesday June 15, 12:11, 2021
Reminder 2	Day 17: Wednesday June 23, 13:47, 2021
Field end	Day 23: Tuesday June 29, 09:51, 2021

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



Summary, Citizen Panel 42

Table 2: General information, Citizen Panel 42

Sample type	Non-probability
Pre-stratification variables or other selection criteria	-
Age-frame	17+
Gross subsample size	33 330
Net subsample size	31 885
E-mail bounce backs or failed deliveries	1 445
Coverage rate/Absorption rate	96%
All responses (complete, partials and break-offs)	22 714
Complete responses; more than 80% item response	22 150
Partial responses; 50%-80% item response	170
Break-offs; less than 50% item response	394
AAPOR RR5	66%
AAPOR RR6 / Gross Participation Rate (GPR)	67%
Net Participation Rate (NPR)	70%
Computer device	38%
Mobile device	54%
Tablet device	7%

Table 3: Detailed information, Citizen Panel 42

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	50,49	45,00	10,27	22 714
Number of item responses	49,29	44,00	11,84	22 714
Item response rate	0,97	1,00	0,12	22 714
Item non-response rate	0,03	0,00	0,12	22 714
Minutes to answer, excluding outliers	7,70	7,14	3,07	20 996
Seconds per item, excluding outliers	9,35	8,41	5,72	20 925
Seconds per item including text-pages, excluding outliers	9,35	8,41	5,72	20 925
Minutes to answer, including outliers	9,40	7,32	56,59	22 709
Seconds per item, including outliers	11,81	8,62	108,19	22 638
Seconds per item including text-pages, including outliers	11,81	8,62	108,19	22 638
Seconds per item, speeders (time-use outliers)	3,34	3,41	0,30	362
Seconds per item, sleepers (time-use outliers)	52,26	25,79	440,49	1 351

Featured studies

Table 4: Featured studies in Citizen Panel 42

<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	SWEMARC	Björn Rönnerstrand, John Armbrrecht & Erik Lundberg
Study 3	The legitimacy of the Swedish welfare state	Anders Lindbom
Study 4	Self-efficacy manipulations	Sebastian Lundmark
Study 5	LORE-panel experiment reverse scales	Johan Martinsson
Study 6	Methodological test - matrixes or single-page questions	Johan Martinsson

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	17+
Gross sample size (GSS)	33 330
Net sample size (NSS)	31 885
E-mail bounce backs or failed deliveries	1 445
Coverage rate/Absorption rate	96%
All responses (complete, partials and break-offs)	22 171
Complete responses; more than 80% item response	20 488
Partial responses; 50%-80% item response	1 417
Break-offs; less than 50% item response	266
AAPOR RR5	61%
AAPOR RR6 / Gross Participation Rate (GPR)	66%
Net Participation Rate (NPR)	69%
Computer device	38%
Mobile device	54%
Tablet device	7%

Table 6: Detailed information on Study 0, General questions

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	6,77	6,00	3,17	22 171
Number of item responses	6,47	6,00	3,24	22 171
Item response rate	0,95	1,00	0,12	22 171
Item non-response rate	0,05	0,00	0,12	22 171
Minutes to answer, excluding outliers	0,94	0,81	0,50	20 273
Seconds per item, excluding outliers	7,70	6,84	3,68	20 259
Seconds per item including text-pages, excluding outliers	7,70	6,84	3,68	20 259
Minutes to answer, including outliers	1,22	0,85	1,62	22 171
Seconds per item, including outliers	9,32	7,12	10,89	22 157
Seconds per item including text-pages, including outliers	9,32	7,12	10,89	22 157
Seconds per item, speeders (time-use outliers)	2,23	2,34	0,35	240
Seconds per item, sleepers (time-use outliers)	30,15	22,54	30,75	1 658

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	5 830
Net subsample size	5 441
E-mail bounce backs or failed deliveries	389
Coverage rate/Absorption rate	93%
All responses (complete, partials and break-offs)	3 602
Complete responses; more than 80% item response	3 512
Partial responses; 50%-80% item response	7
Break-offs; less than 50% item response	83
AAPOR RR5	60%
AAPOR RR6 / Gross Participation Rate (GPR)	60%
Net Participation Rate (NPR)	65%
Computer device	45%
Mobile device	49%
Tablet device	7%

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

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	46,00	46,00	0,00	3 602
Number of item responses	44,79	46,00	6,76	3 602
Item response rate	0,97	1,00	0,15	3 602
Item non-response rate	0,03	0,00	0,15	3 602
Minutes to answer, excluding outliers	6,49	5,96	2,78	3 367
Seconds per item, excluding outliers	8,50	7,69	3,39	3 301
Seconds per item including text-pages, excluding outliers	8,50	7,69	3,39	3 301
Minutes to answer, including outliers	9,72	6,12	135,57	3 602
Seconds per item, including outliers	13,03	7,92	176,06	3 536
Seconds per item including text-pages, including outliers	13,03	7,92	176,06	3 536
Seconds per item, speeders (time-use outliers)	3,04	3,12	0,24	31
Seconds per item, sleepers (time-use outliers)	87,90	25,22	730,49	204

Study 2: Rönnerstrand, Armbrecht & Lundberg – SWEMARC

Table 9: General information on Study 2, SWEMARC

Sample type	Non-probability
Pre-stratification variables or other selection criteria	sex, edu, age
Age-frame	18-85
Gross subsample size	4 200
Net subsample size	4 005
E-mail bounce backs or failed deliveries	195
Coverage rate/Absorption rate	95%
All responses (complete, partials and break-offs)	2 453
Complete responses; more than 80% item response	2 362
Partial responses; 50%-80% item response	43
Break-offs; less than 50% item response	48
AAPOR RR5	56%
AAPOR RR6 / Gross Participation Rate (GPR)	57%
Net Participation Rate (NPR)	60%
Computer device	36%
Mobile device	56%
Tablet device	8%

Table 10: Detailed information on Study 2, SWEMARC

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	33,75	35,00	2,14	2 453
Number of item responses	32,87	35,00	4,67	2 453
Item response rate	0,97	1,00	0,13	2 453
Item non-response rate	0,03	0,00	0,13	2 453
Minutes to answer, excluding outliers	4,29	4,02	1,67	2 246
Seconds per item, excluding outliers	7,52	7,00	2,90	2 244
Seconds per item including text-pages, excluding outliers	7,52	7,00	2,90	2 244
Minutes to answer, including outliers	4,98	4,13	4,51	2 434
Seconds per item, including outliers	8,74	7,14	8,12	2 432
Seconds per item including text-pages, including outliers	8,74	7,14	8,12	2 432
Seconds per item, speeders (time-use outliers)	2,92	2,94	0,28	35
Seconds per item, sleepers (time-use outliers)	27,92	20,83	23,01	153

Study 3: Lindbom – The legitimacy of the Swedish welfare state

Table 11: General information on Study 3, The legitimacy of the Swedish welfare state

Sample type	Non-probability
Pre-stratification variables or other selection criteria	full-time employees
Age-frame	21-84
Gross subsample size	12 000
Net subsample size	11 476
E-mail bounce backs or failed deliveries	524
Coverage rate/Absorption rate	96%
All responses (complete, partials and break-offs)	7 859
Complete responses; more than 80% item response	7 325
Partial responses; 50%-80% item response	61
Break-offs; less than 50% item response	473
AAPOR RR5	61%
AAPOR RR6 / Gross Participation Rate (GPR)	62%
Net Participation Rate (NPR)	64%
Computer device	32%
Mobile device	61%
Tablet device	6%

Table 12: Detailed information on Study 3, The legitimacy of the Swedish welfare state

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	39,00	39,00	0,00	7 859
Number of item responses	36,58	39,00	8,70	7 859
Item response rate	0,94	1,00	0,22	7 859
Item non-response rate	0,06	0,00	0,22	7 859
Minutes to answer, excluding outliers	6,74	6,41	2,88	7 292
Seconds per item, excluding outliers	11,23	10,02	6,50	7 292
Seconds per item including text-pages, excluding outliers	11,23	10,02	6,50	7 292
Minutes to answer, including outliers	7,74	6,58	7,19	7 853
Seconds per item, including outliers	12,67	10,28	11,74	7 853
Seconds per item including text-pages, including outliers	12,67	10,28	11,74	7 853
Seconds per item, speeders (time-use outliers)	4,44	4,57	0,43	97
Seconds per item, sleepers (time-use outliers)	37,04	28,21	32,08	464

Study 4: Lundmark - Self-efficacy manipulations

Table 13: General information on Study 4, Self-efficacy manipulations

Sample type	Non-probability
Pre-stratification variables or other selection criteria	sex, born in Sweden
Age-frame	17+
Gross subsample size	5 700
Net subsample size	5 369
E-mail bounce backs or failed deliveries	331
Coverage rate/Absorption rate	94%
All responses (complete, partials and break-offs)	3 694
Complete responses; more than 80% item response	3 625
Partial responses; 50%-80% item response	25
Break-offs; less than 50% item response	44
AAPOR RR5	64%
AAPOR RR6 / Gross Participation Rate (GPR)	64%
Net Participation Rate (NPR)	68%
Computer device	41%
Mobile device	51%
Tablet device	8%

Table 14: Detailed information on Study 4, Self-efficacy manipulations

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	28,00	28,00	0,00	3 694
Number of item responses	27,64	28,00	2,28	3 694
Item response rate	0,99	1,00	0,08	3 694
Item non-response rate	0,01	0,00	0,08	3 694
Minutes to answer, excluding outliers	5,26	4,80	2,17	3 417
Seconds per item, excluding outliers	11,00	9,96	4,70	3 415
Seconds per item including text-pages, excluding outliers	11,00	9,96	4,70	3 415
Minutes to answer, including outliers	6,07	4,94	4,73	3 690
Seconds per item, including outliers	12,67	10,25	9,85	3 688
Seconds per item including text-pages, including outliers	12,67	10,25	9,85	3 688
Seconds per item, speeders (time-use outliers)	3,58	3,78	0,50	49
Seconds per item, sleepers (time-use outliers)	40,20	32,09	21,06	224

Study 5: Martinsson - LORE-panel experiment reverse scales

Table 15: General information on Study 5, LORE-panel experiment reverse scales

Sample type	Non-probability
Pre-stratification variables or other selection criteria	sex
Age-frame	17+
Gross subsample size	5 600
Net subsample size	5 594
E-mail bounce backs or failed deliveries	6
Coverage rate/Absorption rate	100%
All responses (complete, partials and break-offs)	5 096
Complete responses; more than 80% item response	5 061
Partial responses; 50%-80% item response	7
Break-offs; less than 50% item response	28
AAPOR RR5	90%
AAPOR RR6 / Gross Participation Rate (GPR)	91%
Net Participation Rate (NPR)	91%
Computer device	42%
Mobile device	49%
Tablet device	9%

Table 16: Detailed information on Study 5, LORE-panel experiment reverse scales

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	56,39	60,00	14,26	5 422
Number of item responses	55,95	60,00	14,62	5 422
Item response rate	0,99	1,00	0,06	5 096
Item non-response rate	0,01	0,00	0,06	5 096
Minutes to answer, excluding outliers	6,96	6,44	2,52	5 011
Seconds per item, excluding outliers	6,95	6,42	2,47	4 688
Seconds per item including text-pages, excluding outliers	6,95	6,42	2,47	4 688
Minutes to answer, including outliers	8,18	6,58	13,07	5 422
Seconds per item, including outliers	8,00	6,55	8,95	5 088
Seconds per item including text-pages, including outliers	8,00	6,55	8,95	5 088
Seconds per item, speeders (time-use outliers)	2,88	2,94	0,25	87
Seconds per item, sleepers (time-use outliers)	25,17	18,70	29,90	313

Study 6: Martinsson - Methodological test - matrixes or single-page questions

Table 17: General information on Study 6, Methodological test - matrixes or single-page questions

Sample type	Non-probability
Pre-stratification variables or other selection criteria	-
Age-frame	17+
Gross subsample size	9 900
Net subsample size	9 374
E-mail bounce backs or failed deliveries	526
Coverage rate/Absorption rate	95%
All responses (complete, partials and break-offs)	5 952
Complete responses; more than 80% item response	5 924
Partial responses; 50%-80% item response	13
Break-offs; less than 50% item response	15
AAPOR RR5	60%
AAPOR RR6 / Gross Participation Rate (GPR)	60%
Net Participation Rate (NPR)	63%
Computer device	39%
Mobile device	53%
Tablet device	8%

Table 18: Detailed information on Study 6, Methodological test - matrixes or single-page questions

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	3,00	3,00	0,00	5 952
Number of item responses	2,99	3,00	0,14	5 952
Item response rate	1,00	1,00	0,05	5 952
Item non-response rate	0,00	0,00	0,05	5 952
Minutes to answer, excluding outliers	0,27	0,25	0,11	5 554
Seconds per item, excluding outliers	1,03	0,93	0,46	5 554
Seconds per item including text-pages, excluding outliers	1,03	0,93	0,46	5 554
Minutes to answer, including outliers	0,31	0,25	0,44	5 945
Seconds per item, including outliers	1,19	0,96	1,54	5 945
Seconds per item including text-pages, including outliers	1,19	0,96	1,54	5 945
Seconds per item, speeders (time-use outliers)	0,30	0,31	0,03	69
Seconds per item, sleepers (time-use outliers)	4,09	3,19	5,61	322

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 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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