LORE
Laboratory of
Opinion Research

UNIVERSITY OF GOTHENBURG

# Technical report

# LORE Citizen Panel 38 – 2020

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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 38 (MP38)

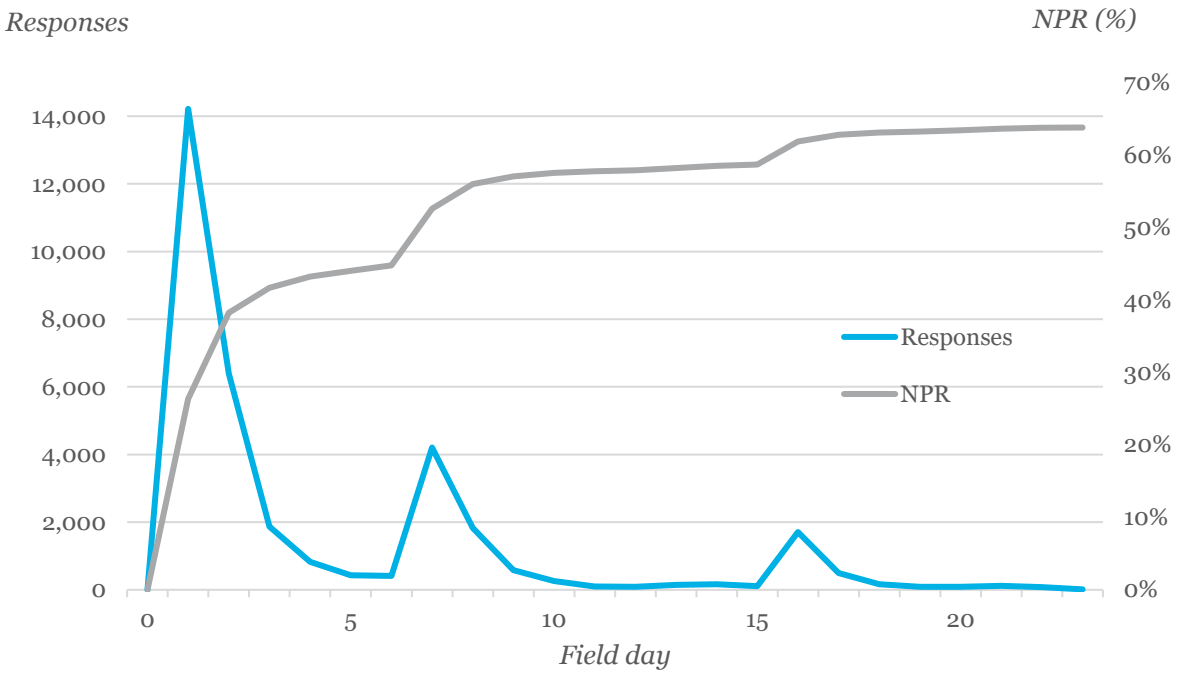
- The panel was carried out between Tuesday June 9, 2020 and Wednesday July 1, 2020.
- Questionnaires were sent to 57,103 panelists of which 34,401 made a complete response (AAPOR RR5: 60%, Gross Participation Rate: 61%, Net Participation Rate: 65%).
- All in all, there were 9 studies included in Citizen Panel 38. In addition to participating in at least one of these studies, the median respondent was asked to answer 5 general questions.
- Respondents in the panel are recruited with both probability and non-probability based methods.

# Fieldwork

**Table 1: Field information**

| | |
|---|---|
| Name: | Citizen Panel 38 (MP38) |
| No. of field days: | 22 |
| Soft launch | Day 1: Tuesday June 9, 13:27, 2020 |
| Main launch | Day 1: Tuesday June 9, 16:56, 2020 |
| Reminder 1 | Day 7: Monday June 15, 18:11, 2020 |
| Reminder 2 | Day 16: Wednesday June 24, 14:34, 2020 |
| Field end | Day 23: Wednesday July 1, 09:35, 2020 |

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



# Summary, Citizen Panel 38

**Table 2: General information, Citizen Panel 38**

| | |
|---|---|
| Gross sample size (GSS) | 57,103 |
| Net sample size (NSS) | 53,943 |
| E-mail bounce backs or failed deliveries | 3,160 |
| Coverage rate/Absorption rate | 94% |
| All responses (complete, partials and break-offs) | 36,534 |
| Complete responses; more than 80% item response | 34,401 |
| Partial responses; 50%-80% item response | 631 |
| Break-offs; less than 50% item response | 1,502 |
| AAPOR RR5 | 60% |
| APOOR RR6 / Gross Participation Rate (GPR) | 61% |
| Net Participation Rate (NPR) | 65% |
| Computer device | 42% |
| Mobile device | 52% |
| Tablet device | 6% |

**Table 3: Detailed information, Citizen Panel 38**

| | Mean | Median | Std. Dev. | N. |
|---|---|---|---|---|
| Received/applicable items | 50.10 | 47.00 | 24.82 | 36,534 |
| Item responses | 47.52 | 46.00 | 26.12 | 36,534 |
| Item response rate | 0.93 | 1.00 | 0.18 | 36,534 |
| Item non-response | 0.07 | 0.00 | 0.18 | 36,534 |
| Minutes to answer, excluding outliers | 7.31 | 6.50 | 3.94 | 34,207 |
| Seconds per item, excluding outliers | 9.22 | 7.72 | 6.93 | 33,892 |
| Seconds per item including text-pages, excluding outliers | 10.52 | 8.62 | 9.04 | 34,015 |
| Minutes to answer, including outliers | 9.93 | 6.78 | 43.24 | 36,432 |
| Seconds per item, including outliers | 12.07 | 7.98 | 88.27 | 36,114 |
| Seconds per item including text-pages, including outliers | 14.30 | 8.95 | 93.69 | 36,239 |
| Time-use outliers, speeders, seconds per item | 2.32 | 2.39 | 0.25 | 129 |
| Time-use outliers, sleepers, seconds per item | 58.90 | 20.13 | 362.49 | 2,093 |

# Featured studies

**Table 4: Featured studies in Citizen Panel 38**

| *Study:* | *Title:* | *Responsible researcher(s):* |
|---|---|---|
| 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 | Involuntary loneliness among senior citizens | Axel Wolf & Elin Siira |
| Study 4 | The dog effect | Anna Bendz & Maria Oskarson |
| Study 5 | Behavioral science practices to reduce individuals' climate footprint | Jakob Enlund |
| Study 6 | White spaces in surveys | Sebastian Lundmark & Marcus Weissenbilder |
| Study 7 | Attitudes towards legumes, pilot study | Annica de Groote |
| Study 8 | VARME, coronavirus event study | Adam Shehata |
| Study 9 | Voting for and against - Voters' own descriptions of parties they vote for and do not vote for | Annika Fredén & Sverker Sikström |

[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, LORE - General questions**

| | |
|---|---|
| Sample type | Mixed sample |
| Pre-stratification variables or other selection criteria | - |
| Age-frame | 16+ |
| Gross sample size (GSS) | 57,103 |
| Net sample size (NSS) | 53,943 |
| E-mail bounce backs or failed deliveries | 3,160 |
| Coverage rate/Absorption rate | 94% |
| All responses (complete, partials and break-offs) | 35,279 |
| Complete responses; more than 80% item response | 31,594 |
| Partial responses; 50%-80% item response | 2,352 |
| Break-offs; less than 50% item response | 1,333 |
| AAPOR RR5 | 55% |
| APOOR RR6 / Gross Participation Rate (GPR) | 59% |
| Net Participation Rate (NPR) | 63% |

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

| | Mean | Median | Std. Dev. | N. |
|---|---|---|---|---|
| Received/applicable items | 5.58 | 5.00 | 1.28 | 35,279 |
| Item responses | 5.21 | 5.00 | 1.59 | 35,279 |
| Item response rate | 0.93 | 1.00 | 0.17 | 35,279 |
| Item non-response | 0.07 | 0.00 | 0.17 | 35,279 |
| Minutes to answer, excluding outliers | 0.90 | 0.79 | 0.48 | 32,713 |
| Seconds per item, excluding outliers | 8.07 | 7.02 | 4.47 | 32,225 |
| Seconds per item including text-pages, excluding outliers | 8.63 | 7.43 | 5.40 | 32,676 |
| Minutes to answer, including outliers | 1.42 | 0.83 | 18.22 | 35,279 |
| Seconds per item, including outliers | 11.32 | 7.38 | 102.24 | 34,769 |
| Seconds per item including text-pages, including outliers | 14.09 | 7.82 | 223.57 | 35,241 |
| Time-use outliers, speeders, seconds per item | 1.54 | 1.60 | 0.27 | 103 |
| Time-use outliers, sleepers, seconds per item | 54.68 | 27.67 | 382.96 | 2,441 |

# 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 | 6,229 |
| Net subsample size | 5,790 |
| E-mail bounce backs or failed deliveries | 439 |
| Coverage rate/Absorption rate | 93% |
| All responses (complete, partials and break-offs) | 3,900 |
| Complete responses; more than 80% item response | 3,778 |
| Partial responses; 50%-80% item response | 5 |
| Break-offs; less than 50% item response | 117 |
| AAPOR RR5 | 61% |
| APOOR 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 | 79.74 | 85.00 | 6.78 | 3,900 |
| Item responses | 76.98 | 84.00 | 14.64 | 3,900 |
| Item response rate | 0.97 | 1.00 | 0.16 | 3,900 |
| Item non-response | 0.03 | 0.00 | 0.16 | 3,900 |
| Minutes to answer, excluding outliers | 9.87 | 9.17 | 4.25 | 3,597 |
| Seconds per item, excluding outliers | 7.20 | 6.66 | 2.64 | 3,510 |
| Seconds per item including text-pages, excluding outliers | 7.55 | 6.96 | 2.86 | 3,510 |
| Minutes to answer, including outliers | 12.50 | 9.45 | 22.71 | 3,897 |
| Seconds per item, including outliers | 8.93 | 6.82 | 16.40 | 3,810 |
| Seconds per item including text-pages, including outliers | 9.55 | 7.13 | 16.90 | 3,810 |
| Time-use outliers, speeders, seconds per item | 2.95 | 2.99 | 0.34 | 59 |
| Time-use outliers, sleepers, seconds per item | 35.57 | 19.87 | 58.33 | 241 |

# 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 | birth year from 1969 until 1999 |
| Gross subsample size | 26,143 |
| Net subsample size | 25,212 |
| E-mail bounce backs or failed deliveries | 931 |
| Coverage rate/Absorption rate | 96% |
| All responses (complete, partials and break-offs) | 14,950 |
| Complete responses; more than 80% item response | 14,429 |
| Partial responses; 50%-80% item response | 130 |
| Break-offs; less than 50% item response | 391 |
| AAPOR RR5 | 55% |
| APOOR 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 | 3.25 | 14,950 |
| Item responses | 41.03 | 41.00 | 6.93 | 14,950 |
| Item response rate | 0.95 | 1.00 | 0.14 | 14,950 |
| Item non-response | 0.05 | 0.00 | 0.14 | 14,950 |
| Minutes to answer, excluding outliers | 4.62 | 4.15 | 2.06 | 13,704 |
| Seconds per item, excluding outliers | 5.88 | 5.20 | 2.64 | 13,624 |
| Seconds per item including text-pages, excluding outliers | 6.44 | 5.73 | 2.85 | 13,624 |
| Minutes to answer, including outliers | 6.78 | 4.33 | 28.24 | 14,890 |
| Seconds per item, including outliers | 8.21 | 5.40 | 62.31 | 14,808 |
| Seconds per item including text-pages, including outliers | 9.97 | 5.97 | 70.08 | 14,808 |
| Time-use outliers, speeders, seconds per item | 2.02 | 2.10 | 0.24 | 57 |
| Time-use outliers, sleepers, seconds per item | 36.65 | 17.63 | 223.80 | 1,127 |

# Study 3: Wolf & Siira – Involuntary loneliness among senior citizens

**Table 11: General information on Study 3, Wolf & Siira – Involuntary loneliness among senior citizens**

| | |
|---|---|
| Sample type | Mixed sample |
| Pre-stratification variables or other selection criteria | sex, edu |
| Age-frame | 65+ |
| Gross subsample size | 14,626 |
| Net subsample size | 13,327 |
| E-mail bounce backs or failed deliveries | 1,299 |
| Coverage rate/Absorption rate | 91% |
| All responses (complete, partials and break-offs) | 11,099 |
| Complete responses; more than 80% item response | 10,049 |
| Partial responses; 50%-80% item response | 16 |
| Break-offs; less than 50% item response | 1,034 |
| AAPOR RR5 | 69% |
| APOOR RR6 / Gross Participation Rate (GPR) | 69% |
| Net Participation Rate (NPR) | 76% |

**Table 12: Detailed information on Study 3, Wolf & Siira – Involuntary loneliness among senior citizens**

| | Mean | Median | Std. Dev. | N. |
|---|---|---|---|---|
| Received/applicable items | 27.89 | 28.00 | 9.74 | 11,099 |
| Item responses | 27.48 | 28.00 | 10.19 | 11,099 |
| Item response rate | 0.90 | 1.00 | 0.29 | 11,099 |
| Item non-response | 0.10 | 0.00 | 0.29 | 11,099 |
| Minutes to answer, excluding outliers | 5.86 | 5.62 | 2.80 | 10,175 |
| Seconds per item, excluding outliers | 11.43 | 9.92 | 12.64 | 9,566 |
| Seconds per item including text-pages, excluding outliers | 14.23 | 11.62 | 17.47 | 10,175 |
| Minutes to answer, including outliers | 7.08 | 5.73 | 14.88 | 11,060 |
| Seconds per item, including outliers | 13.98 | 10.09 | 88.64 | 10,448 |
| Seconds per item including text-pages, including outliers | 18.67 | 11.84 | 187.55 | 11,060 |
| Time-use outliers, speeders, seconds per item | 4.43 | 4.65 | 0.65 | 252 |
| Time-use outliers, sleepers, seconds per item | 56.43 | 25.75 | 355.17 | 630 |

# Study 4: Bendz & Oskarson - The dog effect

**Table 13: General information on Study 4, Bendz & Oskarson - The dog effect**

| | |
|---|---|
| Sample type | Non-probability |
| Pre-stratification variables or other selection criteria | sex, edu, age |
| Age-frame | 18-85 |
| Gross subsample size | 3,800 |
| Net subsample size | 3,608 |
| E-mail bounce backs or failed deliveries | 192 |
| Coverage rate/Absorption rate | 95% |
| All responses (complete, partials and break-offs) | 2,184 |
| Complete responses; more than 80% item response | 1,996 |
| Partial responses; 50%-80% item response | 53 |
| Break-offs; less than 50% item response | 135 |
| AAPOR RR5 | 53% |
| APOOR RR6 / Gross Participation Rate (GPR) | 54% |
| Net Participation Rate (NPR) | 57% |

**Table 14: Detailed information on Study 4, Bendz & Oskarson - The dog effect**

| | Mean | Median | Std. Dev. | N. |
|---|---|---|---|---|
| Received/applicable items | 12.77 | 13.00 | 0.42 | 2,184 |
| Item responses | 12.01 | 13.00 | 2.55 | 2,184 |
| Item response rate | 0.94 | 1.00 | 0.20 | 2,184 |
| Item non-response | 0.06 | 0.00 | 0.20 | 2,184 |
| Minutes to answer, excluding outliers | 2.50 | 2.30 | 1.04 | 1,990 |
| Seconds per item, excluding outliers | 8.10 | 7.37 | 3.45 | 1,969 |
| Seconds per item including text-pages, excluding outliers | 11.39 | 10.23 | 5.32 | 1,969 |
| Minutes to answer, including outliers | 3.22 | 2.37 | 6.28 | 2,177 |
| Seconds per item, including outliers | 9.27 | 7.47 | 19.28 | 2,156 |
| Seconds per item including text-pages, including outliers | 15.07 | 10.48 | 38.69 | 2,156 |
| Time-use outliers, speeders, seconds per item | 3.17 | 3.26 | 0.30 | 52 |
| Time-use outliers, sleepers, seconds per item | 28.55 | 16.13 | 73.45 | 135 |

# Study 5: Enlund - Behavioral science practices to reduce individuals' climate footprint

**Table 15: General information on Study 5, Enlund - Behavioral science practices to reduce individuals' climate footprint**

| | |
|---|---|
| Sample type | Non-probability |
| Pre-stratification variables or other selection criteria | age |
| Age-frame | 18-85 |
| Gross subsample size | 7,000 |
| Net subsample size | 6,680 |
| E-mail bounce backs or failed deliveries | 320 |
| Coverage rate/Absorption rate | 95% |
| All responses (complete, partials and break-offs) | 4,258 |
| Complete responses; more than 80% item response | 2,894 |
| Partial responses; 50%-80% item response | 1,094 |
| Break-offs; less than 50% item response | 270 |
| AAPOR RR5 | 41% |
| APOOR RR6 / Gross Participation Rate (GPR) | 57% |
| Net Participation Rate (NPR) | 60% |

**Table 16: Detailed information on Study 5, Enlund - Behavioral science practices to reduce individuals' climate footprint**

| | Mean | Median | Std. Dev. | N. |
|---|---|---|---|---|
| Received/applicable items | 6.07 | 5.00 | 1.63 | 4,258 |
| Item responses | 5.08 | 5.00 | 1.82 | 4,258 |
| Item response rate | 0.84 | 0.88 | 0.23 | 4,258 |
| Item non-response | 0.16 | 0.13 | 0.23 | 4,258 |
| Minutes to answer, excluding outliers | 2.49 | 2.21 | 1.45 | 3,901 |
| Seconds per item, excluding outliers | 19.46 | 16.77 | 12.04 | 3,753 |
| Seconds per item including text-pages, excluding outliers | 23.17 | 20.03 | 14.19 | 3,753 |
| Minutes to answer, including outliers | 4.69 | 2.34 | 41.34 | 4,241 |
| Seconds per item, including outliers | 36.00 | 17.74 | 406.48 | 4,092 |
| Seconds per item including text-pages, including outliers | 44.72 | 21.07 | 419.20 | 4,092 |
| Time-use outliers, speeders, seconds per item | 3.20 | 3.25 | 0.43 | 25 |
| Time-use outliers, sleepers, seconds per item | 236.29 | 64.78 | 1454.02 | 314 |

# Study 6: Lundmark & Weissenbilder - White spaces in surveys

**Table 17: General information on Study 6, Lundmark & Weissenbilder - White spaces in surveys**

| Sample type | Probability |
|---|---|
| Pre-stratification variables or other selection criteria | sex, age, edu |
| Age-frame | 18-85 |
| Gross subsample size | 4,300 |
| Net subsample size | 4,113 |
| E-mail bounce backs or failed deliveries | 187 |
| Coverage rate/Absorption rate | 96% |
| All responses (complete, partials and break-offs) | 2,393 |
| Complete responses; more than 80% item response | 2,116 |
| Partial responses; 50%-80% item response | 22 |
| Break-offs; less than 50% item response | 255 |
| AAPOR RR5 | 49% |
| APOOR RR6 / Gross Participation Rate (GPR) | 50% |
| Net Participation Rate (NPR) | 52% |

**Table 18: Detailed information on Study 6, Lundmark & Weissenbilder - White spaces in surveys**

| | Mean | Median | Std. Dev. | N. |
|---|---|---|---|---|
| Received/applicable items | 36.08 | 38.00 | 10.23 | 2,393 |
| Item responses | 33.80 | 38.00 | 11.54 | 2,393 |
| Item response rate | 0.87 | 0.95 | 0.30 | 2,393 |
| Item non-response | 0.13 | 0.05 | 0.30 | 2,393 |
| Minutes to answer, excluding outliers | 3.62 | 3.50 | 1.68 | 2,154 |
| Seconds per item, excluding outliers | 6.05 | 5.29 | 5.73 | 2,117 |
| Seconds per item including text-pages, excluding outliers | 6.70 | 5.52 | 7.75 | 2,154 |
| Minutes to answer, including outliers | 4.47 | 3.54 | 16.66 | 2,359 |
| Seconds per item, including outliers | 7.22 | 5.38 | 25.00 | 2,322 |
| Seconds per item including text-pages, including outliers | 7.93 | 5.64 | 25.33 | 2,359 |
| Time-use outliers, speeders, seconds per item | 1.62 | 1.66 | 0.44 | 69 |
| Time-use outliers, sleepers, seconds per item | 28.32 | 15.34 | 98.70 | 136 |

# Study 7: De Groote - Attitudes towards legumes, pilot study

**Table 19: General information on Study 7, De Groote - Attitudes towards legumes, pilot study**

| | |
|---|---|
| Sample type | Non-probability |
| Pre-stratification variables or other selection criteria | - |
| Age-frame | - |
| Gross subsample size | 400 |
| Net subsample size | 390 |
| E-mail bounce backs or failed deliveries | 10 |
| Coverage rate/Absorption rate | 98% |
| All responses (complete, partials and break-offs) | 270 |
| Complete responses; more than 80% item response | 263 |
| Partial responses; 50%-80% item response | 1 |
| Break-offs; less than 50% item response | 6 |
| AAPOR RR5 | 66% |
| APOOR RR6 / Gross Participation Rate (GPR) | 66% |
| Net Participation Rate (NPR) | 68% |

**Table 20: Detailed information on Study 7, De Groote - Attitudes towards legumes, pilot study**

| | Mean | Median | Std. Dev. | N. |
|---|---|---|---|---|
| Received/applicable items | 78.67 | 73.00 | 6.49 | 270 |
| Item responses | 76.83 | 73.00 | 10.98 | 270 |
| Item response rate | 0.98 | 1.00 | 0.11 | 270 |
| Item non-response | 0.02 | 0.00 | 0.11 | 270 |
| Minutes to answer, excluding outliers | 9.25 | 8.88 | 3.09 | 246 |
| Seconds per item, excluding outliers | 6.25 | 5.95 | 1.90 | 246 |
| Seconds per item including text-pages, excluding outliers | 7.05 | 6.70 | 2.14 | 246 |
| Minutes to answer, including outliers | 29.92 | 8.92 | 325.62 | 270 |
| Seconds per item, including outliers | 22.71 | 5.97 | 263.97 | 270 |
| Seconds per item including text-pages, including outliers | 23.76 | 6.79 | 264.04 | 270 |
| Time-use outliers, speeders, seconds per item | 3.20 | 3.29 | 0.17 | 9 |
| Time-use outliers, sleepers, seconds per item | 304.38 | 14.19 | 1117.48 | 15 |

# Study 8: Shehata - VARME, coronavirus event study

**Table 21: General information on Study 8, Shehata - VARME, coronavirus event study**

| Sample type | Probability |
|---|---|
| Pre-stratification variables or other selection criteria | age, edu |
| Age-frame | 16-80 |
| Gross subsample size | 3,870 |
| Net subsample size | 3,692 |
| E-mail bounce backs or failed deliveries | 178 |
| Coverage rate/Absorption rate | 95% |
| All responses (complete, partials and break-offs) | 2,208 |
| Complete responses; more than 80% item response | 2,154 |
| Partial responses; 50%-80% item response | 11 |
| Break-offs; less than 50% item response | 43 |
| AAPOR RR5 | 56% |
| APOOR RR6 / Gross Participation Rate (GPR) | 56% |
| Net Participation Rate (NPR) | 59% |

**Table 22: Detailed information on Study 8, Shehata - VARME, coronavirus event study**

| | Mean | Median | Std. Dev. | N. |
|---|---|---|---|---|
| Received/applicable items | 76.81 | 79.00 | 12.52 | 2,217 |
| Item responses | 75.42 | 79.00 | 14.83 | 2,217 |
| Item response rate | 0.97 | 1.00 | 0.14 | 2,208 |
| Item non-response | 0.03 | 0.00 | 0.14 | 2,208 |
| Minutes to answer, excluding outliers | 10.49 | 9.95 | 3.93 | 1,991 |
| Seconds per item, excluding outliers | 7.76 | 7.11 | 3.80 | 1,981 |
| Seconds per item including text-pages, excluding outliers | 8.56 | 7.70 | 6.18 | 1,982 |
| Minutes to answer, including outliers | 12.15 | 10.12 | 11.33 | 2,200 |
| Seconds per item, including outliers | 8.76 | 7.21 | 8.05 | 2,190 |
| Seconds per item including text-pages, including outliers | 9.77 | 7.86 | 9.93 | 2,191 |
| Time-use outliers, speeders, seconds per item | 3.29 | 3.36 | 0.29 | 67 |
| Time-use outliers, sleepers, seconds per item | 25.23 | 18.61 | 22.39 | 142 |

# Study 9: Fredén & Sikström - Voting for and against - Voters' own descriptions of parties they vote for and do not vote for

**Table 23: General information on Study 9, Fredén & Sikström - Voting for and against - Voters' own descriptions of parties they vote for and do not vote for**

| Sample type | Probability |
|---|---|
| Pre-stratification variables or other selection criteria | sex, age, edu |
| Age-frame | 18-85 |
| Gross subsample size | 4,300 |
| Net subsample size | 4,113 |
| E-mail bounce backs or failed deliveries | 187 |
| Coverage rate/Absorption rate | 96% |
| All responses (complete, partials and break-offs) | 2,506 |
| Complete responses; more than 80% item response | 1,597 |
| Partial responses; 50%-80% item response | 431 |
| Break-offs; less than 50% item response | 478 |
| AAPOR RR5 | 37% |
| APOOR RR6 / Gross Participation Rate (GPR) | 47% |
| Net Participation Rate (NPR) | 49% |

**Table 24: Detailed information on Study 9, Fredén & Sikström - Voting for and against - Voters' own descriptions of parties they vote for and do not vote for**

| | Mean | Median | Std. Dev. | N. |
|---|---|---|---|---|
| Received/applicable items | 7.88 | 9.00 | 2.66 | 2,506 |
| Item responses | 6.76 | 9.00 | 3.18 | 2,506 |
| Item response rate | 0.76 | 1.00 | 0.35 | 2,506 |
| Item non-response | 0.24 | 0.00 | 0.35 | 2,506 |
| Minutes to answer, excluding outliers | 3.04 | 2.76 | 1.88 | 2,220 |
| Seconds per item, excluding outliers | 20.00 | 16.74 | 16.36 | 2,135 |
| Seconds per item including text-pages, excluding outliers | 22.05 | 18.22 | 17.95 | 2,220 |
| Minutes to answer, including outliers | 4.60 | 2.83 | 18.62 | 2,480 |
| Seconds per item, including outliers | 29.57 | 17.22 | 118.04 | 2,393 |
| Seconds per item including text-pages, including outliers | 31.87 | 18.66 | 116.55 | 2,480 |
| Time-use outliers, speeders, seconds per item | 2.52 | 2.59 | 0.59 | 90 |
| Time-use outliers, sleepers, seconds per item | 165.79 | 64.99 | 419.45 | 168 |

# Glossary

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|---|---|
| *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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