**Appendix of the Manuscript: “Switching a Face-to-Face Panel to Self-Administered Survey Modes: Experimental Evidence on Effects of Mode Assignment on Response and Selectivity” by Jette Schröder, Claudia Schmiedeberg, Josef Brüderl, and Christiane Bozoyan**

**Table A1: Descriptive Statistics (Order: outcome, treatment, moderators, controls)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Percent | Mean | SD | N missing |
| Outcome variable: response |  |  |  | 0 |
| no interview | 28 |  |  |  |
| interview completed | 72 |  |  |  |
| Treatment variable: int. mode |  |  |  | 0 |
| interviewer-administered | 16 |  |  |  |
| self-administered | 84 |  |  |  |
| Education (ISCED) |  |  |  | 17 |
| enrolled | 24 |  |  |  |
| ≤ lower secondary | 5 |  |  |  |
| upper secondary | 28 |  |  |  |
| post-secondary | 10 |  |  |  |
| tertiary | 34 |  |  |  |
| Employment status |  |  |  | 8 |
| homemaker | 5 |  |  |  |
| part-time | 19 |  |  |  |
| full-time | 41 |  |  |  |
| self-employed | 5 |  |  |  |
| unemployed | 3 |  |  |  |
| education | 23 |  |  |  |
| other | 4 |  |  |  |
| Big Five |  |  |  |  |
| Neuroticism |  | 2.79 | 0.82 | 153 |
| Extraversion |  | 3.44 | 0.86 | 165 |
| Agreeableness |  | 3.19 | 0.75 | 166 |
| Conscientiousness |  | 3.73 | 0.67 | 137 |
| Openness |  | 3.65 | 0.72 | 145 |
| Gender |  |  |  | 1 |
| male | 46 |  |  |  |
| female | 54 |  |  |  |
| Birth cohort |  |  |  | 0 |
| 2001-03 | 24 |  |  |  |
| 1991-93 | 27 |  |  |  |
| 1981-83 | 29 |  |  |  |
| 1971-73 | 20 |  |  |  |
| Sample |  |  |  | 0 |
| pairfam main | 47 |  |  |  |
| DemoDiff | 7 |  |  |  |
| refreshment | 46 |  |  |  |
| N | 7,426 |  |  |  |

**Table A2: Randomization check: Effects on the probability of self-administered mode assignment (Linear Probability Model)**

|  |  |  |
| --- | --- | --- |
|  | Coef./(SD) |  |
| Education (ISCED) (ref. categ.: enrolled) |  |  |
| ≤ lower secondary | 0.021 |  |
|  | (0.030) |  |
| upper secondary | 0.011 |  |
|  | (0.025) |  |
| post-secondary | 0.008 |  |
|  | (0.027) |  |
| tertiary | 0.006 |  |
|  | (0.025) |  |
| Employment status (ref. categ.: homemaker) |  |  |
| part-time | -0.000 |  |
|  | (0.023) |  |
| full-time | 0.013 |  |
|  | (0.022) |  |
| self-employed | -0.018 |  |
|  | (0.029) |  |
| unemployed | -0.056 |  |
|  | (0.032) |  |
| education | 0.004 |  |
|  | (0.030) |  |
| other | -0.007 |  |
|  | (0.032) |  |
| Neuroticism | -0.001 |  |
|  | (0.006) |  |
| Extraversion | -0.004 |  |
|  | (0.006) |  |
| Agreeableness | 0.012\* |  |
|  | (0.006) |  |
| Conscientiousness | -0.019\*\* |  |
|  | (0.007) |  |
| Openness | -0.009 |  |
|  | (0.006) |  |
| Gender (ref. categ.: male) |  |  |
| Female | 0.007 |  |
|  | (0.010) |  |
| Birth cohort (ref. categ.: 2001-03) |  |  |
| 1991-93 | 0.016 |  |
|  | (0.022) |  |
| 1981-83 | 0.034 |  |
|  | (0.024) |  |
| 1971-73 | 0.040 |  |
|  | (0.026) |  |
| Sample (ref. categ.: pairfam main) |  |  |
| DemoDiff | 0.027 |  |
|  | (0.018) |  |
| refreshment | 0.045\*\* |  |
|  | (0.012) |  |
| Intercept | 0.862\*\* |  |
|  | (0.044) |  |
| R2 | 0.006 |  |
| N | 7,173 |  |
| \*\* p<.01, \* p<.05. | | |

**Table A3: Effect of interview mode on the probability of response**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **M1: LPM  w/o controls** | **M2: LPM**  **with controls** | **M3: Logit Model with controls** | **M4: LPM with interviewer fixed effects** |
|  | Coef./(SD) | Coef./(SD) | Coef./(SD) | Coef./(SD) |
| Interview mode |  |  |  |  |
| self-administered | -0.059\*\* | -0.054\*\* | -0.054\*\* | -0.053\*\* |
|  | (0.014) | (0.014) | (0.013) | (0.015) |
| Education (ISCED) (ref. categ.: enrolled) |  |  |  |  |
| ≤ lower secondary |  | -0.220\*\* | -0.223\*\* |  |
|  |  | (0.036) | (0.038) |  |
| upper secondary |  | -0.068\* | -0.071\* |  |
|  |  | (0.029) | (0.029) |  |
| post-secondary |  | 0.000 | -0.000 |  |
|  |  | (0.032) | (0.032) |  |
| tertiary |  | 0.075\* | 0.076\*\* |  |
|  |  | (0.030) | (0.028) |  |
| Employment status (ref. categ.: homemaker) |  |  |  |  |
| part-time |  | 0.028 | 0.029 |  |
|  |  | (0.027) | (0.028) |  |
| full-time |  | 0.053\* | 0.054\* |  |
|  |  | (0.026) | (0.027) |  |
| self-employed |  | 0.018 | 0.018 |  |
|  |  | (0.035) | (0.036) |  |
| unemployed |  | -0.080\* | -0.072 |  |
|  |  | (0.038) | (0.040) |  |
| education |  | -0.006 | -0.005 |  |
|  |  | (0.035) | (0.036) |  |
| other |  | 0.049 | 0.048 |  |
|  |  | (0.038) | (0.037) |  |
| Neuroticism |  | -0.001 | -0.002 |  |
|  |  | (0.029) | (0.029) |  |
| Extraversion |  | -0.124\*\* | -0.125\*\* |  |
|  |  | (0.027) | (0.027) |  |
| Agreeableness |  | 0.057\* | 0.055 |  |
|  |  | (0.029) | (0.028) |  |
| Conscientiousness |  | 0.028 | 0.028 |  |
|  |  | (0.035) | (0.034) |  |
| Openness |  | -0.056 | -0.056 |  |
|  |  | (0.030) | (0.030) |  |
| Gender (ref. categ.: male) |  |  |  |  |
| female |  | 0.067\*\* | 0.068\*\* |  |
|  |  | (0.012) | (0.012) |  |
| Birth cohort (ref. categ.: 2001-03) |  |  |  |  |
| 1991-93 |  | -0.056\* | -0.055\* |  |
|  |  | (0.026) | (0.024) |  |
| 1981-83 |  | -0.046 | -0.045 |  |
|  |  | (0.028) | (0.025) |  |
| 1971-73 |  | -0.035 | -0.034 |  |
|  |  | (0.031) | (0.029) |  |
| Sample (ref. categ.: pairfam main) |  |  |  |  |
| DemoDiff |  | 0.007 | 0.007 |  |
|  |  | (0.021) | (0.020) |  |
| refreshment |  | -0.060\*\* | -0.061\*\* |  |
|  |  | (0.015) | (0.015) |  |
| Interviewer dummies | not included | not included | not included | included |
| (Pseudo) R2 | 0.002 | 0.046 | 0.039 | 0.038 |
| N | 7,426 | 7,173 | 7,173 | 5,476 |
| *LPM: linear probability model. The coefficients reported in the logit model are average marginal effects. The last model is estimated only with those 128 interviewers that were part of the randomization for the experiment.*  *\*\* p<.01, \* p<.05.* | | | | |

**Table A4: Mode effect on response – interaction with educational level (ISCED) – Linear Probability Model**

|  |  |  |
| --- | --- | --- |
| Interview mode |  |  |
| self-administered | -0.326\*\* |  |
|  | (0.092) |  |
| Education (ISCED) (ref. categ.: ≤ lower secondary) |  |  |
| enrolled | -0.006 |  |
|  | (0.077) |  |
| upper secondary | 0.011 |  |
|  | (0.065) |  |
| post-secondary | 0.030 |  |
|  | (0.073) |  |
| tertiary | 0.015 |  |
|  | (0.064) |  |
| Gender (ref. categ.: male) |  |  |
| female | 0.006 |  |
|  | (0.026) |  |
| Birth cohort (ref. categ.: 2001-03) |  |  |
| 1991-93 | 0.005 |  |
|  | (0.063) |  |
| 1981-83 | -0.021 |  |
|  | (0.067) |  |
| 1971-73 | -0.012 |  |
|  | (0.074) |  |
| Sample (ref. categ.: pairfam main) |  |  |
| DemoDiff | 0.028 |  |
|  | (0.055) |  |
| refreshment | -0.104\*\* |  |
|  | (0.037) |  |
| Interview mode # Education (ISCED) |  |  |
| self-administered # enrolled | 0.245\*\* |  |
|  | (0.083) |  |
| self-administered # upper secondary | 0.182\*\* |  |
|  | (0.070) |  |
| self-administered # post-secondary | 0.239\*\* |  |
|  | (0.080) |  |
| self-administered # tertiary | 0.347\*\* |  |
|  | (0.070) |  |
| Self-administered # female | 0.060\* |  |
|  | (0.028) |  |
| Interview mode # Birth cohort |  |  |
| self-administered # 1991-93 | -0.070 |  |
|  | (0.068) |  |
| self-administered # 1981-83 | -0.025 |  |
|  | (0.072) |  |
| self-administered # 1971-73 | -0.013 |  |
|  | (0.080) |  |
| Interview mode # Sample |  |  |
| self-administered # DemoDiff | -0.038 |  |
|  | (0.059) |  |
| self-administered # refreshment | 0.044 |  |
|  | (0.040) |  |
| Intercept | 0.803\*\* |  |
|  | (0.085) |  |
| R2 | 0.046 |  |
| N | 7,408 |  |
| \*\* p<.01, \* p<.05. | | |

**Table A5: Mode effect on response – interaction with employment status (Linear Probability Model)**

|  |  |  |
| --- | --- | --- |
| Interview mode |  |  |
| self-administered | -0.065 |  |
|  | (0.052) |  |
| Employment status (ref. categ.: in education) |  |  |
| homemaker | 0.065 |  |
|  | (0.091) |  |
| part-time | 0.082 |  |
|  | (0.069) |  |
| full-time | 0.167\* |  |
|  | (0.071) |  |
| self-employed | 0.200\* |  |
|  | (0.089) |  |
| unemployed | 0.065 |  |
|  | (0.093) |  |
| other | 0.150 |  |
|  | (0.091) |  |
| Education (ISCED) (ref. categ.: enrolled) |  |  |
| ≤ lower secondary | -0.090 |  |
|  | (0.094) |  |
| upper secondary | -0.095 |  |
|  | (0.079) |  |
| post-secondary | -0.066 |  |
|  | (0.084) |  |
| tertiary | -0.092 |  |
|  | (0.078) |  |
| Gender (ref. categ.: male) |  |  |
| female | 0.028 |  |
|  | (0.028) |  |
| Birth cohort (ref. categ.: 2001-03) |  |  |
| 1991-93 | -0.011 |  |
|  | (0.065) |  |
| 1981-83 | -0.034 |  |
|  | (0.070) |  |
| 1971-73 | -0.025 |  |
|  | (0.077) |  |
| Sample (ref. categ.: pairfam main) |  |  |
| DemoDiff | 0.011 |  |
|  | (0.055) |  |
| refreshment | -0.100\*\* |  |
|  | (0.037) |  |
| Interview mode # Employment status |  |  |
| self-administered # homemaker | -0.076 |  |
|  | (0.099) |  |
| self-administered # part-time | -0.054 |  |
|  | (0.075) |  |
| self-administered # full-time | -0.132 |  |
|  | (0.077) |  |
| self-administered # self-employed | -0.220\* |  |
|  | (0.096) |  |
| self-administered # unemployed | -0.169 |  |
|  | (0.102) |  |
| self-administered # other | -0.124 |  |
|  | (0.099) |  |
| Self-administered # female | 0.039 |  |
|  | (0.030) |  |
| Interview mode # Birth cohort |  |  |
| self-administered # 1991-93 | -0.063 |  |
|  | (0.071) |  |
| self-administered # 1981-83 | -0.021 |  |
|  | (0.076) |  |
| self-administered # 1971-73 | -0.011 |  |
|  | (0.083) |  |
| Interview mode # Education (ISCED) |  |  |
| self-administered # <= lower secondary | -0.133 |  |
|  | (0.101) |  |
| self-administered # upper secondary | 0.041 |  |
|  | (0.085) |  |
| self-administered # post-secondary | 0.086 |  |
|  | (0.091) |  |
| self-administered # tertiary | 0.205\* |  |
|  | (0.085) |  |
| Interview mode # Sample |  |  |
| self-administered # DemoDiff | -0.019 |  |
|  | (0.060) |  |
| self-administered # refreshment | 0.044 |  |
|  | (0.040) |  |
| Intercept | 0.775\*\* |  |
|  | (0.048) |  |
| R2 | 0.049 |  |
| N | 7,400 |  |
| \*\* p<.01, \* p<.05. | | |

**Table A6: Mode effect on response – interaction with Big Five (Linear Probability Model)**

|  |  |  |
| --- | --- | --- |
| Interview mode |  |  |
| self-administered | -0.188 |  |
|  | (0.148) |  |
| Neuroticism | -0.030 |  |
|  | (0.018) |  |
| Agreeableness | 0.038\* |  |
|  | (0.017) |  |
| Conscientiousness | -0.048\* |  |
|  | (0.022) |  |
| Openness | 0.031 |  |
|  | (0.019) |  |
| Extraversion | -0.023 |  |
|  | (0.017) |  |
| Gender (ref. categ.: male) |  |  |
| female | 0.020 |  |
|  | (0.028) |  |
| Birth cohort (ref. categ.: 2001-03) |  |  |
| 1991-93 | 0.050 |  |
|  | (0.044) |  |
| 1981-83 | 0.017 |  |
|  | (0.045) |  |
| 1971-73 | 0.024 |  |
|  | (0.056) |  |
| Sample (ref. categ.: pairfam main) |  |  |
| DemoDiff | 0.039 |  |
|  | (0.056) |  |
| refreshment | -0.104\*\* |  |
|  | (0.038) |  |
| Self-administered # Neuroticism | 0.033 |  |
|  | (0.020) |  |
| Self-administered # Agreeableness | -0.023 |  |
|  | (0.019) |  |
| Self-administered # Conscientiousness | 0.069\*\* |  |
|  | (0.024) |  |
| Self-administered # Openness | -0.042\* |  |
|  | (0.021) |  |
| Self-administered # Extraversion | -0.004 |  |
|  | (0.018) |  |
| Self-administered # female | 0.047 |  |
|  | (0.031) |  |
| Interview mode # Birth cohort |  |  |
| self-administered # 1991-93 | -0.062 |  |
|  | (0.048) |  |
| self-administered # 1981-83 | -0.017 |  |
|  | (0.049) |  |
| self-administered # 1971-73 | -0.013 |  |
|  | (0.061) |  |
| Interview mode # Sample |  |  |
| self-administered # DemoDiff | -0.048 |  |
|  | (0.060) |  |
| self-administered # refreshment | 0.056 |  |
|  | (0.041) |  |
| Intercept | 0.887\*\* |  |
|  | (0.135) |  |
| R2 | 0.019 |  |
| N | 7,196 |  |
| \*\* p<.01, \* p<.05. | | |