Mode effects on socially desirable responding in web compared to face-to-face and telephone surveys

Supplementary material

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1 Questions used in analyses

The original question wordings used for the face-to-face interviewing are presented. Only the minimum required adjustments were made for other modes. The SD mark next to items indicate that the item was rated by expert reviewers as potentially susceptible to social desirability.

(1.01) Sex of respondent.

1 male / 2 female

(1.02) In what month and year were you born?

(1.07) What is the highest level of education you have successfully completed?

(7.02) How is your health in general?[SD]

1 very good / 2 good / 3 fair / 4 bad / 5 very bad

(7.05) Below follow 15 statements about characteristics that may or may not apply to you. Please indicate the extent to which you think each characteristic applies to you, on a one to seven scale, where one refers to "Does not apply" and seven to "Applies perfectly". Do not spent too much time on each statement, but indicate the category that you immediately feels fit you the best.

1 does not apply / 2 / 3 / 4 / 5 / 6 / 7 applies perfectly

a) Is sometimes rude to others[SD]
b) Does a thorough job[SD]
c) Is talkative[SD]
d) Worries a lot[SD]
e) Is original, comes up with new ideas[SD]
f) Has a forgiving nature[SD]
g) Tends to be lazy[SD]
h) Is outgoing, sociable[SD]
i) Gets nervously easily[SD]
j) Values artistic, aesthetic experiences[SD]
k) Is considerate and kind to almost everyone[SD]
l) Does things efficiently[SD]
m) Is reserved
n) Is relaxed, handles stress well[SD]
o) Has an active imagination[SD]

(7.06) For the next five statements, please indicate the extent to which you agree or disagree by using a scale from 1 to 5, where 1=Strongly disagree, 2= Disagree, 3= Neither disagree nor agree, 4= Agree, 5= Strongly agree.

1 strongly agree / 2 agree / 3 neither agree nor disagree / 4 disagree / 5 strongly disagree

a) There is really no way I can solve some of the problems I have[SD]
b) Sometimes I feel that I'm being pushed around in life[SD]
c) I have little control over the things that happen to me[SD]
d) I often feel helpless in dealing with the problems of life[SD]
e) There is little I can do to change many of the important things in my life[SD]

(7.07) Taking all things together, how happy would you say you are? Please use this card.[SD]

0 Extremely unhappy / 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 Extremely happy / 97 DK

(7.08) I am going to read out six statements about your current experiences. Please indicate for each of them to what extent they have applied to you recently.

1 yes / 2 more or less / 3 no

a) There are plenty of people that I can lean on in case of trouble[SD]
b) I experience a general sense of emptiness[SD]

c) I miss having people around[SD]
d) There are many people that I can count on completely[SD]
e) Often, I feel rejected[SD]
f) There are enough people that I feel close to[SD]

(7.09) Please tell me how frequently did you experience the following during the previous week.

1 seldom or never / 2 sometimes / 3 often / 4 most or all of the time

a) I felt that I could not shake off the blues even with help from my family or friends[SD]
b) I felt depressed[SD]
c) I thought my life had been a failure[SD]
d) I felt fearful[SD]
e) I felt lonely[SD]
f) I had crying spells[SD]
g) I felt sad[SD]

(10.02) A household may have different sources of income and more than one household member may contribute to it. Thinking of your household's total monthly income, is your household able to make ends meet …[SD]

1 with great difficulty / 2 with difficulty / 3 with some difficulty / 4 fairly easily / 5 easily / 6 very easily

(10.03) There are some things many people cannot afford even if they would like them. Can I just check whether your household can afford these, supposing you wanted them?

1 yes / 2 no

a) keeping your home adequately warm[SD]
b) paying for a week's annual holiday away from home[SD]
c) replacing any worn-out furniture[SD]
d) buying new, rather than second-hand clothes[SD]
e) eating meat, chicken or fish every second day[SD]
f) having friends or family for a drink or meal at least once a month[SD]

(10.04) Has your household been in arrears at any time during the past 12 months, that is, unable to pay as scheduled any of the following?

1 yes / 2 no

a) rent for accommodation[SD]
b) mortgage payment[SD]
c) utility bills, such as for electricity, water, gas[SD]
d) purchase instalments or other loan repayments[SD]

(11.03) Regardless of whether you belong to a particular religion, how religious would you say you are? Please express your religiosity on a scale of 0 to 10 where 0 means 'Not at all religious' and 10 means 'Very religious'.[SD]

0 Not at all religious / 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 Very religious / 97 DK

(11.04) I am going to read out some statements about religious ceremonies and I would like you to tell me to what extent do you agree or disagree with each one.

1 strongly agree / 2 agree / 3 neither agree nor disagree / 4 disagree / 5 strongly disagree

a) It is important for an infant to be registered in the appropriate religious ceremony
b) It is important for people who marry in registry offices to have a religious wedding too
c) It is important for a funeral to include a religious ceremony

(11.07) Do you generally plan for your future or do you just take each day as it comes? Please express your opinion on a scale of 0 to 10 where 0 means "I plan for my future as much as possible" and 10 means "I just take each day as it comes".**SD**

0 I plan for future as much as possible / 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 I just take each day as it comes / 97 DK

(11.08) To what extent do you agree or disagree with each of the following statements?

1 strongly agree / 2 agree / 3 neither agree nor disagree / 4 disagree / 5 strongly disagree

- a) Marriage is an outdated institution.
- b) It is all right for an unmarried couple to live together even if they have no interest in marriage.**SD**
- c) Marriage is a lifetime relationship and should never be ended.
- d) It is all right for a couple with an unhappy marriage to get a divorce even if they have children.**SD**
- e) A woman has to have children in order to be fulfilled. **SD**
- f) A man has to have children in order to be fulfilled.**SD**
- g) A child needs a home with both a father and a mother to grow up happily.**SD**
- h) A woman can have a child as a single parent even if she doesn't want to have a stable relationship with a man.**SD**
- i) Homosexual couples should have the same rights as heterosexual couples do.**SD**

(11.09) There are widely varying views on how we should care for people in our society. Please indicate for each of the topics mentioned whether you think (your own opinion) it is mainly the task for society, the family or for both.

1 mainly a task for society / 2 more a task for society than for the family / 3 a task equally for both society and the family / 4 more a task for the family than for society / 5 mainly a task for the family

- a) Care for older persons in need of care at their home
- b) Care for pre-school children
- c) Care for schoolchildren during after-school hours
- d) Financial support for older people who live below subsistence level
- e) Financial support for younger people with children who live below subsistence level

(11.10) To what extent do you agree or disagree with each of the following statements?

1 strongly agree / 2 agree / 3 neither agree nor disagree / 4 disagree 5 strongly disagree

- a) Grandparents should look after their grandchildren if the parents of these grandchildren are unable to do so
- b) Parents ought to provide financial help for their adult children when the children are having financial difficulties
- c) If their adult children were in need, parents should adjust their own lives in order to help them

(11.11) I am going to read out some statements about who should take care of an elderly parent. I would like you to say to what extent you agree or disagree with them, choosing your answer from the card.

1 strongly agree / 2 agree / 3 neither agree nor disagree / 4 disagree / 5 strongly disagree

- a) Children should take responsibility for caring for their parents when parents are in need
- b) Children should adjust their working lives to the needs of their parents
- c) Children ought to provide financial help for their parents when their parents are having financial difficulties
- d) Children should have their parents to live with them when parents can no longer look after themselves **SD**

(11.12) To what extent do you agree with the following statements?

1 strongly agree / 2 agree / 3 neither agree nor disagree / 4 disagree / 5 strongly disagree

    a) Work is good, but what most women really want is a home and children[SD]
    b) Being a housewife is just as fulfilling as working[SD]
    c) It is the task of a man to earn money and that of a woman to look after the home and the family[SD]
    d) It is not good if the man stays at home and cares for the children and woman goes out to work[SD]
    e) The relationship between a working woman and her children can be just as close as that of a non-working mother[SD]
    f) A pre-school child will probably suffer if his/her mother works[SD]
    g) All in all family life suffers if the woman works full-time[SD]
    h) Family life often suffers because men concentrate too much on their work[SD]

(12.01) Overall how did you feel about completing this questionnaire?[SD]

1 very unpleasant / 2 / 3 / 4 / 5 very enjoyable

(12.02) I will read you five questions about the survey you've just participated in. Please answer each question using a five point scale, where 1 means 'definitely not' and 5 means 'definitely yes'.

1 definitely not / 2 / 3 / 4 / 5 definitely yes

    a) Was it difficult to answer the questions?[SD]
    b) Were the questions clear?[SD]
    c) Did the questions made you think?[SD]
    d) Was the topic interesting?[SD]
    e) Was the questionnaire too long?

(12.05) I will read you three statements that pertain to surveys in general and not merely to the survey you have just participated in.

1 strongly agree / 2 agree / 3 neither agree nor disagree / 4 disagree / 5 strongly disagree

    a) Surveys are important for science, politics and the economy.
    b) Surveys only keep me from doing more important things.
    c) In surveys I have the opportunity to articulate your own opinion.

2   OLS regression models of between-mode differences

The table below presents regression model statistics and regression coefficients of the mode variable for all items on which the OLS regression was applied. Gender, age and education were included as additional control variables in each model. Significance is reported at various levels, including the Benyamini-Yekutelli method (α_{yek}) and Bonferroni method (α_{bnf}) to account for multiple testing; a threshold of 0.01 is generally used to interpret the effects as significant.

Item (model statistics)	b_0	CATI		CAPI	
		b	$\lvert t \rvert$	b	$\lvert t \rvert$
Health evaluation (7.02)					
Health in general ($F = 15.90^{\#\#}$, $R^2_{adj} = 0.108$, $n = 617$)	1.312	-0.165	2.25*	-0.187	2.55*
Personality (7.05)					
a) Rude to others ($F = 2.93^*$, $R^2_{adj} = 0.016$, $n = 616$)	3.224	0.134	0.80	0.017	0.10
b) Does thorough job ($F = 5.97^{\#\#}$, $R^2_{adj} = 0.039$, $n = 615$)	5.483	0.200	1.62	0.470	3.82$^{\#\#}$
c) Talkative ($F = 5.08^{\#\#}$, $R^2_{adj} = 0.032$, $n = 616$)	5.478	0.269	1.84	0.451	3.10$^{\#}$
d) Worries a lot ($F = 1.71$, $R^2_{adj} = 0.006$, $n = 616$)	3.984	-0.081	0.48	-0.095	0.57
e) Original ($F = 1.63$, $R^2_{adj} = 0.005$, $n = 616$)	4.905	0.161	1.27	0.217	1.72
f) Forgiving nature ($F = 1.77$, $R^2_{adj} = 0.006$, $n = 615$)	5.131	0.020	0.14	0.208	1.43
g) Lazy ($F = 4.41^{\#}$, $R^2_{adj} = 0.027$, $n = 616$)	4.726	-0.105	0.55	0.388	2.05*
h) Outgoing, sociable ($F = 9.09^{\#\#}$, $R^2_{adj} = 0.062$, $n = 615$)	5.586	0.498	3.51$^{\#\#}$	0.668	4.72$^{\#\#}$
i) Easily nervous ($F = 2.99^*$, $R^2_{adj} = 0.016$, $n = 616$)	3.985	-0.219	1.32	-0.385	2.32*
j) Values artistic, aesthetic experience ($F = 7.81^{\#\#}$, $R^2_{adj} = 0.053$, $n = 615$)	3.965	-0.034	0.21	0.579	3.57$^{\#\#}$
k) Considerate and kind ($F = 2.45^*$, $R^2_{adj} = 0.012$, $n = 616$)	5.620	0.012	0.11	0.293	2.51*
l) Efficient ($F = 3.99^{\#}$, $R^2_{adj} = 0.024$, $n = 616$)	6.031	-0.107	1.02	0.164	1.57
m) Reserved ($F = 3.28^{**}$, $R^2_{adj} = 0.018$, $n = 616$)	3.060	-0.068	0.40	-0.416	2.47*
n) Relaxed ($F = 2.48^*$, $R^2_{adj} = 0.012$, $n = 614$)	4.654	0.467	3.31$^{\#}$	0.320	2.27*
o) Active imagination ($F = 1.40$, $R^2_{adj} = 0.003$, $n = 616$)	5.385	-0.160	1.18	0.097	0.71
Sense of control (7.06)					
a) Cannot solve own problems	3.704	0.354	3.11$^{\#}$	0.407	3.58$^{\#\#}$

Item	b_0	CATI		CAPI	
(model statistics)		b	$|t|$	b	$|t|$
($F = 3.58^{\#}$, $R^2_{adj} = 0.021$, $n = 616$)					
b) Feel pushed around ($F = 4.06^{\#}$, $R^2_{adj} = 0.024$, $n = 615$)	3.512	0.287	2.55*	0.435	3.86##
c) Little control over things ($F = 2.42^{*}$, $R^2_{adj} = 0.011$, $n = 615$)	3.885	-0.017	0.16	0.045	0.43
d) Feel helpless with life problems ($F = 2.33^{*}$, $R^2_{adj} = 0.011$, $n = 615$)	3.538	0.102	1.01	0.229	2.28*
e) Can change little important in life ($F = 3.48^{\#}$, $R^2_{adj} = 0.020$, $n = 611$)	4.207	0.056	0.54	0.016	0.16
Happiness (7.07)					
General happiness ($F = 3.03^{*}$, $R^2_{adj} = 0.016$, $n = 618$)	7.830	0.359	2.30*	0.397	2.55*
Loneliness (7.08) *Logistic regression, recoded to* 0: "no", 1: "yes" *or* "more or less"					
a) Plenty of people to lean on ($\chi^2_{(5)} = 4.26$, $n = 615$)	n/a	1.132	0.42	1.018	0.06
b) General sense of emptiness ($\chi^2_{(5)} = 19.05^{\#}$, $n = 618$)	n/a	0.548	2.30*	0.510	2.57*
c) Miss having people around ($\chi^2_{(5)} = 7.92$, $n = 617$)	n/a	0.664	1.88	0.838	0.84
d) Many people to count on ($\chi^2_{(5)} = 3.76$, $n = 617$)	n/a	1.211	0.75	1.182	0.67
e) Feel rejected ($\chi^2_{(5)} = 7.32$, $n = 617$)	n/a	0.529	2.37*	0.584	2.06*
f) Enough close people ($\chi^2_{(5)} = 6.60$, $n = 616$)	n/a	1.579	1.09	2.830	2.11*
Depression (7.09)					
a) Could not shake off blues ($F = 6.80^{\#\#}$, $R^2_{adj} = 0.045$, $n = 615$)	1.343	-0.284	5.01##	-0.015	0.26
b) Felt depressed ($F = 5.98^{\#\#}$, $R^2_{adj} = 0.039$, $n = 617$)	1.238	-0.220	4.33##	-0.082	1.61
c) Thought life is a failure ($F = 5.81^{\#\#}$, $R^2_{adj} = 0.038$, $n = 617$)	1.373	-0.241	4.77##	-0.167	3.31#
d) Felt fearful ($F = 10.45^{\#\#}$, $R^2_{adj} = 0.071$, $n = 617$)	1.628	-0.364	6.63##	-0.181	3.30#
e) Felt lonely ($F = 7.57^{\#\#}$, $R^2_{adj} = 0.051$, $n = 617$)	1.621	-0.313	5.42##	-0.165	2.86#
f) Had crying spells ($F = 16.08^{\#\#}$, $R^2_{adj} = 0.110$, $n = 616$)	1.392	-0.240	5.38##	-0.099	2.22*
g) Felt sad ($F = 11.12^{\#\#}$, $R^2_{adj} = 0.076$, $n = 616$)	1.742	-0.351	6.01##	-0.126	2.15*
Income adequacy (10.02)					
Making ends meet ($F = 10.51^{\#\#}$, $R^2_{adj} = 0.072$, $n = 617$)	3.777	0.227	1.97*	0.435	3.77##
Religiosity (11.03)					
Religiosity level ($F = 1.008$, $R^2_{adj} = 0.000$, $n = 617$)	4.521	-0.236	0.74	-0.403	1.26

Item (model statistics)	b_0	CATI		CAPI	
		b	$|t|$	b	$|t|$
Importance of religious ceremonies (11.04)					
a) Infant registered in religious ceremony ($F = 1.62$, $R^2_{adj} = 0.015$, $n = 618$)	3.337	0.276	2.05[*]	0.127	0.94
b) Religious wedding ($F = 2.85^*$, $R^2_{adj} = 0.015$, $n = 616$)	3.730	0.403	3.32[#]	0.160	1.32
c) Religious funeral ($F = 1.78$, $R^2_{adj} = 0.006$, $n = 617$)	3.453	0.318	2.42[*]	0.151	1.15
Planning for future (11.07)					
Planning for future ($F = 6.54^{##}$, $R^2_{adj} = 0.043$, $n = 616$)	4.251	-0.296	1.21	-0.903	3.69[##]
Marriage and children (11.08)					
a) Marriage outdated ($F = 0.75$, $R^2_{adj} = 0.000$, $n = 618$	3.180	-0.006	0.05	0.011	0.09
b) Living unmarried together all right ($F = 1.96$, $R^2_{adj} = 0.008$, $n = 615$)	1.884	-0.040	0.38	-0.284	2.71[**]
c) Marriage should not end ($F = 3.43^#$, $R^2_{adj} = 0.019$, $n = 617$)	3.425	0.017	0.14	0.176	1.43
d) Divorce having children all right ($F = 5.74^{##}$, $R^2_{adj} = 0.037$, $n = 617$)	1.690	0.273	2.80[#]	0.036	0.37
e) Children needed to fulfil woman ($F = 4.12^#$, $R^2_{adj} = 0.025$, $n = 617$)	4.405	0.072	0.65	0.092	0.83
f) Children needed to fulfil man ($F = 5.35^{##}$, $R^2_{adj} = 0.034$, $n = 617$)	4.462	0.079	0.74	0.171	1.60
g) Mother and father needed for happy child ($F = 6.20^{##}$, $R^2_{adj} = 0.041$, $n = 617$)	3.369	-0.125	0.95	-0.046	0.35
h) Woman w/o stable relationship with man having a child ($F = 5.70^{##}$, $R^2_{adj} = 0.037$, $n = 617$)	2.487	-0.217	2.00[*]	-0.385	3.55[##]
i) Same rights for homosexual couples ($F = 3.00^*$, $R^2_{adj} = 0.016$, $n = 616$)	2.570	-0.011	0.08	-0.202	1.42
Family risks responsibilities (11.09)					
a) Care for older ($F = 0.91$, $R^2_{adj} = 0.000$, $n = 618$)	3.245	-0.010	0.11	0.021	0.24
b) Care for pre-school children ($F = 1.62$, $R^2_{adj} = 0.005$, $n = 618$)	3.584	0.100	1.00	0.149	1.48
c) Care for schoolchildren after school ($F = 1.14$, $R^2_{adj} = 0.001$, $n = 618$)	3.697	0.042	0.41	0.077	0.76
d) Financial support for older ($F = 2.76^*$, $R^2_{adj} = 0.014$, $n = 617$)	1.908	-0.197	1.97[*]	0.076	0.76
e) Financial support for younger with children ($F = 1.86$, $R^2_{adj} = 0.007$, $n = 615$)	1.968	-0.060	0.58	0.048	0.46
Childcare responsibilities (11.10)					
a) Grandparents should help childcare ($F = 0.62$, $R^2_{adj} = 0.000$, $n = 617$)	2.899	0.133	1.16	0.116	1.01

Item (model statistics)	b_0	CATI		CAPI	
		b	$|t|$	b	$|t|$
b) Parents should financially help adult children ($F = 0.51$, $R_{adj}^2 = 0.000$, $n = 618$)	2.914	0.079	0.79	0.043	0.42
c) Parents should adapt life to help adult children ($F = 4.50^{\#\#}$, $R_{adj}^2 = 0.028$, $n = 616$)	3.544	0.127	1.20	0.005	0.05
Elderly-care responsibilities (11.11)					
a) Children should care for parents ($F = 1.29$, $R_{adj}^2 = 0.002$, $n = 616$)	2.014	-0.036	0.40	-0.064	0.71
b) Children should adjust work to parents' needs ($F = 6.72^{\#\#}$, $R_{adj}^2 = 0.044$, $n = 617$)	3.119	0.108	1.12	0.277	2.88$^{\#}$
c) Children should financially help parents ($F = 5.99^{\#\#}$, $R_{adj}^2 = 0.039$, $n = 616$)	2.074	0.307	3.35$^{\#}$	0.143	1.56
d) Children should live with parents for care ($F = 1.83$, $R_{adj}^2 = 0.007$, $n = 617$)	3.340	0.044	0.46	0.197	2.06*
Gender roles (11.12)					
a) Women really want home and children ($F = 11.52^{\#\#}$, $R_{adj}^2 = 0.079$, $n = 618$)	3.794	-0.181	1.71*	-0.311	2.94$^{\#}$
b) Being housewife fulfilling ($F = 11.26^{\#\#}$, $R_{adj}^2 = 0.077$, $n = 617$)	3.410	0.002	0.01	-0.286	2.47*
c) Man's task earning, woman's family ($F = 10.01^{\#\#}$, $R_{adj}^2 = 0.068$, $n = 618$)	4.557	0.118	1.31	0.261	2.92$^{\#}$
d) Not good if woman works, man cares for children ($F = 5.24^{\#\#}$, $R_{adj}^2 = 0.033$, $n = 618$)	4.121	-0.004	0.03	-0.320	2.71**
e) Working woman same relation with child ($F = 6.17^{\#\#}$, $R_{adj}^2 = 0.040$, $n = 618$)	2.025	-0.235	2.29*	-0.415	4.06$^{\#\#}$
f) Pre-school child suffers if mother works ($F = 6.99^{\#\#}$, $R_{adj}^2 = 0.046$, $n = 617$)	4.388	-0.022	0.22	0.067	0.67
g) Family life suffers if mother works ($F = 8.92^{\#\#}$, $R_{adj}^2 = 0.060$, $n = 617$)	4.609	0.133	1.40	0.184	1.93
h) Family life suffers because men too concentrated on work. ($F = 3.74^{\#}$, $R_{adj}^2 = 0.022$, $n = 614$)	3.107	0.375	3.34$^{\#}$	0.199	1.77
Overall survey experience (12.01)					
Feeling about survey participation ($F = 2.89^{*}$, $R_{adj}^2 = 0.015$, $n = 618$)	3.966	-0.072	0.89	0.179	2.24*
Survey feedback (12.02)					
a) Questions difficult ($F = 1.96$, $R_{adj}^2 = 0.008$, $n = 616$)	1.797	-0.099	1.05	-0.276	2.92$^{\#}$
b) Questions clear ($F = 1.78$, $R_{adj}^2 = 0.006$, $n = 618$)	4.278	-0.082	0.81	0.017	0.17
c) Questions made think					

Item	b_0	CATI		CAPI	
(model statistics)		b	$|t|$	b	$|t|$
($F = 6.06^{\#\#}$, $R^2_{adj} = 0.039$, $n = 618$)	3.795	-0.513	$4.09^{\#\#}$	-0.626	$5.00^{\#\#}$
d) Topic interesting ($F = 5.12^{\#\#}$, $R^2_{adj} = 0.032$, $n = 618$)	4.288	-0.163	1.98^{*}	0.081	0.97
e) Questionnaire too long ($F = 16.65^{\#\#}$, $R^2_{adj} = 0.113$, $n = 616$)	1.785	0.847	$7.13^{\#\#}$	-0.073	0.62
General opinion about surveys (12.05)					
a) Surveys important ($F = 2.74^{*}$, $R^2_{adj} = 0.014$, $n = 616$)	1.722	-0.012	0.13	-0.152	1.74
b) Surveys prevent doing other things ($F = 2.29^{*}$, $R^2_{adj} = 0.010$, $n = 616$)	4.353	-0.014	0.18	0.140	1.78
c) Surveys enable own opinion articulation ($F = 2.69^{*}$, $R^2_{adj} = 0.014$, $n = 616$)	1.532	-0.064	0.71	-0.180	2.00^{*}

* $p < 0.05$, ** $p < 0.01$, $^{\#}$ $p < \alpha_{yek} \approx 0.0052$, $^{\#\#}$ $p < \alpha_{bnf} \approx 0.0006$

3 Partial proportional odds models of between-mode differences

The table shows odds ratios and predicted changes in answer distributions due to mode after controlling for gender, age, and higher-level education. Web is defined as the reference mode. Significance is reported at various levels, including the Benyamini-Yekutelli method (α_{yek}) and Bonferroni method (α_{bnf}) to account for multiple testing; a threshold of 0.01 is generally used to interpret the effects as significant. Items for which the model failed to converge are marked by a note.

Item (model test statistics)	CATI		CAPI	
	Odds ratio	Predicted CATI-Web	Odds ratio	Predicted CAPI-Web
Health evaluation (7.02)				
Health in general ($W_{(5)} = 67.17^{\#\#}$, $n = 617$)	0.644^*		$0.594^{\#}$	
1 very good		0.088		0.105
2 good		-0.013		-0.018
3 fair		-0.066		-0.076
4 bad		-0.010		-0.011
5 very bad		n/a		n/a
Personality (7.05)				
a) Rude to others ($W_{(15)} = 47.38^{\#\#}$, $n = 616$)				
1 does not apply	0.768	0.058	0.678	0.087
2	1.342	-0.127	0.963	-0.078
3	1.468	-0.003	1.209	-0.043
4	1.841^*	-0.006	1.687	-0.031
5	1.023	0.077	1.190	0.052
6	0.821	0.007	1.892	-0.013
7 applies perfectly	-	-0.005	-	0.026
b) Does thorough job	*Model not estimated* [a].			
c) Talkative	*Model not estimated* [a].			
d) Worries a lot ($W_{(15)} = 42.24^{\#\#}$, $n = 616$)	0.944		0.917	
1 does not apply		0.004		0.006
2		0.007		0.010
3		0.003		0.005
4		-0.001		-0.001
5		-0.004		-0.006
6		-0.005		-0.008
7 applies perfectly		-0.004		-0.006
e) Original	*Model not estimated* [a].			
f) Forgiving nature ($W_{(15)} = 38.79^{\#}$, $n = 615$)				
1 does not apply	0.589	0.006	1.769	-0.004
2	0.573	0.029	0.726	0.020
3	0.549	0.024	0.568	0.040
4	0.862	-0.033	1.249	-0.091
5	1.443	-0.115	$1.746^{\#}$	-0.096
6	1.328	0.035	1.619^*	0.037
7 applies perfectly	-	0.053	-	0.094
g) Lazy				

Item (model test statistics)	CATI		CAPI	
	Odds ratio	Predicted CATI-Web	Odds ratio	Predicted CAPI-Web
$(W_{(10)} = 37.40^{\#\#}$, $n = 616)$	0.893		1.415^*	
1 does not apply		0.012		-0.032
2		0.011		-0.033
3		0.005		-0.017
4		-0.001		-0.003
5		-0.006		0.014
6		-0.008		0.025
7 applies perfectly		-0.013		0.046
h) Outgoing, sociable $(W_{(5)} = 42.15^{\#\#}$, $n = 615)$	$1.730^{\#}$		$2.292^{\#\#}$	
1 does not apply		-0.007		-0.009
2		-0.022		-0.029
3		-0.037		-0.051
4		-0.044		-0.065
5		-0.024		-0.045
6		0.033		0.039
7 applies perfectly		0.099		0.159
i) Easily nervous $(W_{(5)} = 16.97^{\#}$, $n = 616)$	0.801		0.631^{**}	
1 does not apply		0.031		0.070
2		0.022		0.041
3		0.001		-0.004
4		-0.011		-0.025
5		-0.020		-0.040
6		-0.014		-0.026
7 applies perfectly		-0.009		-0.016
j) Values artistic, aesthetic experience $(W_{(10)} = 54.48^{\#\#}$, $n = 615)$	1.022		$1.886^{\#\#}$	
1 does not apply		-0.001		-0.022
2		-0.001		-0.035
3		-0.002		-0.052
4		-0.001		-0.037
5		-0.000		-0.003
6		-0.002		0.061
7 applies perfectly		-0.002		0.087
k) Considerate and kind $(W_{(10)} = 26.05^{\#}$, $n = 616)$			1.611^{**}	
1 does not apply	0.142	0.017		-0.001
2	0.248^*	0.016		-0.003
3	0.400^*	0.021		-0.011
4	0.890	-0.040		-0.033
5	1.405	-0.093		-0.060
6	1.315	0.027		0.014
7 applies perfectly	-	0.052		0.094
l) Efficient $(W_{(5)} = 14.16^*$, $n = 616)$	0.852		1.237	
1 does not apply		0.000		-0.000
2		0.002		-0.002
3		0.003		-0.004
4		0.010		-0.012
5		0.020		-0.027
6		-0.004		-0.001
7 applies perfectly		-0.031		-0.045
m) Reserved $(W_{(10)} = 29.27^{\#}$, $n = 616)$	0.963		0.655^*	
		0.004		0.055

Item (model test statistics)	CATI		CAPI	
	Odds ratio	Predicted CATI-Web	Odds ratio	Predicted CAPI-Web
1 does not apply		0.004		0.038
2		0.002		0.010
3		-0.001		-0.017
4		-0.003		-0.036
5		-0.003		-0.034
6		-0.002		-0.017
7 applies perfectly				
n) Relaxed				
($W_{(5)} = 12.69^*$, $n = 614$)	1.790[#]		1.463[*]	
1 does not apply		-0.010		-0.007
2		-0.028		-0.020
3		-0.038		-0.026
4		-0.049		-0.032
5		-0.011		-0.002
6		0.064		0.043
7 applies perfectly		0.071		0.043
o) Active imagination				
($W_{(5)} = 5.82$, $n = 616$)	0.839		1.142	
1 does not apply		0.001		-0.001
2		0.006		-0.004
3		0.009		-0.006
4		0.018		-0.013
5		0.009		-0.009
6		-0.013		0.008
7 applies perfectly		-0.031		0.025
Sense of control (7.06)				
a) Cannot solve own problems				
($W_{(8)} = 31.09^{##}$, $n = 616$)			2.062[##]	
1 strongly agree	0.889	0.006		-0.027
2 agree	1.500	-0.063		-0.063
3 neither agree nor disagree	1.659[*]	-0.061		-0.072
4 disagree	2.411[##]	-0.076		0.007
5 strongly disagree	-	0.193		0.155
b) Feel pushed around				
($W_{(11)} = 45.46^{##}$, $n = 615$)			2.261[##]	
1 strongly agree	0.585	0.022		-0.018
2 agree	1.565	-0.088		-0.088
3 neither agree nor disagree	1.488[*]	-0.025		-0.065
4 disagree	2.140[##]	-0.078		-0.010
5 strongly disagree	-	0.168		0.182
c) Little control over things				
($W_{(20)} = 58.30^{##}$, $n = 615$)				
1 strongly agree	0.192[#]	0.049	0.141[#]	0.067
2 agree	0.687	-0.010	0.773	-0.042
3 neither agree nor disagree	1.035	-0.047	1.086	-0.044
4 disagree	1.206	-0.028	1.638[*]	-0.082
5 strongly disagree	-	0.035	-	0.099
d) Feel helpless with life problems				
($W_{(5)} = 10.63$, $n = 615$)	1.260		1.507[*]	
1 strongly agree		-0.006		-0.010
2 agree		-0.018		-0.031
3 neither agree nor disagree		-0.028		-0.049
4 disagree		0.007		0.006
5 strongly disagree		0.045		0.083
e) Can change little important in life				

Item (model test statistics)	CATI		CAPI	
	Odds ratio	Predicted CATI-Web	Odds ratio	Predicted CAPI-Web
$(W_{(8)} = 26.40^{\#}, n = 611)$	1.202		1.058	
1 strongly agree		-0.006		-0.002
2 agree		-0.012		-0.004
3 neither agree nor disagree		-0.020		-0.006
4 disagree		0.000		0.001
5 strongly disagree		0.038		0.011
Happiness (7.07)				
General happiness	*Model not estimated* [a)].			
Loneliness (7.08)				
a) Plenty people to lean on $(W_{(8)} = 75.76^{\#\#}, n = 615)$				
1 yes	$0.238^{\#\#}$	0.322	$0.405^{\#\#}$	0.200
2 more or less	0.891	-0.310	0.974	-0.197
3 no	-	-0.013	-	-0.003
b) General sense of emptiness $(W_{(6)} = 27.25^{\#\#}, n = 618)$			1.988^{**}	
1 yes	0.560	0.024		-0.016
2 more or less	1.834^{*}	-0.115		-0.085
3 no	-	0.091		0.101
c) Miss having people around $(W_{(5)} = 8.20, n = 617)$	1.531^{*}		1.179	
1 yes		-0.039		-0.017
2 more or less		-0.050		-0.019
3 no		0.089		0.036
d) Many people to count on $(W_{(7)} = 38.70^{\#\#}, n = 617)$			0.646^{*}	
1 yes	$0.452^{\#\#}$	0.187		0.101
2 more or less	0.744	-0.140		-0.035
3 no	-	-0.046		-0.066
e) Feel rejected $(W_{(5)} = 7.32, n = 617)$	1.871^{*}		1.706^{*}	
1 yes		-0.025		-0.022
2 more or less		-0.064		-0.056
3 no		0.089		0.078
f) Enough close people $(W_{(5)} = 39.11^{\#\#}, n = 616)$	$0.378^{\#\#}$		$0.510^{\#}$	
1 yes		0.194		0.142
2 more or less		-0.146		-0.105
3 no		-0.048		-0.037
Depression (7.09)				
a) Could not shake off blues $(W_{(5)} = 34.43^{\#\#}, n = 615)$	$0.218^{\#\#}$		0.933	
1 seldom or never		0.237		0.015
2 sometimes		-0.189		-0.011
3 often		-0.038		-0.003
4 most or all of the time		-0.011		-0.001
b) Felt depressed $(W_{(5)} = 27.78^{\#\#}, n = 617)$	$0.295^{\#\#}$		0.741	
1 seldom or never		0.166		0.053
2 sometimes		-0.130		-0.040
3 often		-0.029		-0.010

Item (model test statistics)	CATI		CAPI	
	Odds ratio	Predicted CATI-Web	Odds ratio	Predicted CAPI-Web
4 most or all of the time		-0.007		-0.002
c) Thought life is failure	*Model not estimated* [a].			
d) Felt fearful ($W_{(5)} = 50.48$##, $n = 617$)	0.197##		0.555#	
1 seldom or never		0.306		0.135
2 sometimes		-0.252		-0.106
3 often		-0.044		-0.024
4 most or all of the time		-0.009		-0.005
e) Felt lonely ($W_{(5)} = 38.01$##, $n = 617$)	0.251##		0.510#	
1 seldom or never		0.252		0.144
2 sometimes		-0.181		-0.100
3 often		-0.065		-0.041
4 most or all of the time		-0.006		-0.004
f) Had crying spells	*Model not estimated* [a].			
g) Felt sad ($W_{(7)} = 55.92$##, $n = 616$)	0.273##		0.659*	
1 seldom or never		0.295		0.101
2 sometimes		-0.233		-0.073
3 often		-0.059		-0.026
4 most or all of the time		-0.004		-0.002
Income adequacy (10.02)				
Making ends meet ($W_{(5)} = 51.94$##, $n = 617$)	1.367		1.950##	
1 with great difficulty		-0.017		-0.032
2 with difficulty		-0.027		-0.053
3 with some difficulty		-0.029		-0.071
4 fairly easily		0.023		0.037
5 easily		0.037		0.084
6 very easily		0.014		0.034
Affordable goods and services (10.03)				
a) Warm home ($\chi^2_{(5)} = 2.75$, $n = 617$)	0.878		0.736	
1 yes		0.005		-0.010
2 no		-0.005		0.010
b) One-week holidays ($\chi^2_{(5)} = 39.54$##, $n = 617$)	0.718		0.467#	
1 yes		0.05		0.10
2 no		-0.05		-0.10
c) Furniture replacement ($\chi^2_{(5)} = 60.06$##, $n = 614$)	0.666		0.546#	
1 yes		0.085		0.123
2 no		-0.085		-0.123
d) New clothes ($\chi^2_{(5)} = 46.26$##, $n = 616$)	0.590		0.700	
1 yes		0.055		0.040
2 no		-0.055		-0.040
e) Meat every second day ($\chi^2_{(5)} = 27.52$##, $n = 616$)	0.562		0.552*	
1 yes		0.064		0.066
2 no		-0.064		-0.066
f) Monthly dining out				

Item (model test statistics)	CATI		CAPI	
	Odds ratio	Predicted CATI-Web	Odds ratio	Predicted CAPI-Web
$(\chi^2_{(5)} = 37.02^{\#\#}, n = 617)$	$0.452^{\#}$		$0.354^{\#\#}$	
1 yes		0.102		0.123
2 no		-0.102		-0.123
Payment inability in 12 months (10.04)				
a) Accommodation rent $(\chi^2_{(5)} = 6.11, n = 615)$	0.459		1.514	
1 yes		0.032		-0.010
2 no		-0.032		0.010
b) Mortgage $(\chi^2_{(5)} = 1.07, n = 612)$	0.636		0.986	
1 yes		0.011		0.000
2 no		-0.011		0.000
c) Utilities $(\chi^2_{(5)} = 18.32^{\#} n = 616)$	1.751		$2.651^{\#}$	
1 yes		-0.070		-0.106
2 no		0.070		0.106
d) Loans $(\chi^2_{(5)} = 18.15^{\#} n = 613)$	1.294		$3.627^{\#\#}$	
1 yes		-0.033		-0.116
2 no		0.033		0.116
Religiosity(11.03)				
Religiosity level $(W_{(14)} = 27.87^{*}, n = 617)$			0.763	
0 Not at all religious	1.046	-0.008		0.055
1	0.831	0.051		0.009
2	0.880	-0.012		0.003
3	0.950	-0.019		-0.003
4	0.863	0.023		-0.001
5	0.892	-0.011		-0.009
6	0.633^{*}	0.054		-0.008
7	0.894	-0.063		-0.013
8	0.675	0.016		-0.012
9	0.673	-0.016		-0.012
10 Very religious	-	-0.016		-0.012
Importance of religious ceremonies (11.04)				
a) Infant registered in religious ceremony $(W_{(8)} = 20.91^{\#}, n = 618)$				
1 strongly agree			1.224	-0.014
2 agree	0.727	0.028		-0.024
3 neither agree nor disagree	1.412	-0.091		-0.012
4 disagree	1.582^{*}	-0.050		0.004
5 strongly disagree	$1.820^{\#}$	-0.031		0.046
	-	0.143		
b) Religious wedding $(W_{(5)} = 19.05^{\#}, n = 616)$	$2.120^{\#\#}$		1.241	
1 strongly agree		-0.038		-0.014
2 agree		-0.048		-0.016
3 neither agree nor disagree		-0.071		-0.020
4 disagree		-0.028		-0.003
5 strongly disagree		0.185		0.053
c) Religious funeral $(W_{(8)} = 19.13^{*}, n = 617)$			1.237	
1 strongly agree	0.787	0.020		-0.015
2 agree	1.433	-0.084		-0.025

Item	CATI		CAPI	
(model test statistics)	Odds ratio	Predicted CATI-Web	Odds ratio	Predicted CAPI-Web
3 neither agree nor disagree	1.843#	-0.085		-0.014
4 disagree	1.721#	0.022		0.005
5 strongly disagree	-	0.127		0.048

Planning for future (11.07)

Planning for future ($W_{(5)} = 29.86^{\#\#}$, $n = 616$)	0.817		0.537##	
0 I plan f. fut. as much as possible		0.001		0.035
1		0.012		0.042
2		0.015		0.045
3		0.010		0.026
4		0.003		0.003
5		-0.006		-0.029
6		-0.008		-0.026
7		-0.010		-0.029
8		-0.012		-0.035
9		-0.003		-0.009
10 I just take each day as it comes		-0.009		-0.022

Marriage and children (11.08)

a) Marriage outdated ($W_{(11)} = 37.90^{\#\#}$, $n = 618$)			1.115	
1 strongly agree	0.848	0.016		-0.010
2 agree	0.733	0.036		-0.007
3 neither agree nor disagree	0.878	-0.020		-0.011
4 disagree	1.909#	-0.154		0.009
5 strongly disagree	-	0.122		0.018
b) Living unmarried together all right ($W_{(8)} = 31.52^{\#\#}$, $n = 617$)			0.513##	
1 strongly agree	0.578#	0.133		0.163
2 agree	1.206	-0.171		-0.054
3 neither agree nor disagree	1.345	0.011		-0.067
4 disagree	1.262	0.017		-0.022
5 strongly disagree	-	0.010		-0.019
c) Marriage should not end ($W_{(11)} = 42.33^{\#\#}$, $n = 617$)				
1 strongly agree	0.441*	0.066	0.757	0.018
2 agree	0.675	-0.005	1.000	-0.018
3 neither agree nor disagree	1.144	-0.094	1.831#	-0.142
4 disagree	1.760**	-0.084	1.382	0.077
5 strongly disagree	-	0.118	-	0.064
d) Divorce having children all right	*Model not estimated* [a].			
e) Children needed to fulfil woman ($W_{(8)} = 30.78^{\#\#}$, $n = 617$)	1.266		1.227	
1 strongly agree		-0.007		-0.006
2 agree		-0.023		-0.020
3 neither agree nor disagree		-0.022		-0.019
4 disagree		0.000		0.001
5 strongly disagree		0.053		0.046
f) Children needed to fulfil man ($W_{(8)} = 34.46^{\#\#}$, $n = 617$)			1.424*	
1 strongly agree	0.411	0.023		-0.005
2 agree	0.825	0.001		-0.032
3 neither agree nor disagree	1.241	-0.072		-0.040
4 disagree	1.481*	-0.040		-0.002
5 strongly disagree	-	0.088		0.079

Item (model test statistics)	CATI		CAPI	
	Odds ratio	Predicted CATI-Web	Odds ratio	Predicted CAPI-Web
g) Mother and father needed for happy child ($W_{(8)} = 42.90^{\#\#}$, $n = 617$)				
1 strongly agree			0.950	
2 agree	$0.539^{\#}$	0.115		0.008
3 neither agree nor disagree	0.808	-0.064		0.004
4 disagree	0.986	-0.048		0.002
5 strongly disagree	1.413	-0.042		0.005
	-	0.040		0.040
h) Woman w/o stable relationship with man having a child ($W_{(5)} = 28.56^{\#\#}$, $n = 617$)	0.675^{*}		$0.531^{\#\#}$	
1 strongly agree		0.074		0.125
2 agree		0.019		0.020
3 neither agree nor disagree		-0.038		-0.063
4 disagree		-0.038		-0.057
5 strongly disagree		-0.017		-0.026
i) Same rights for homosexual couples ($W_{(11)} = 35.59^{\#\#}$, $n = 616$)	0.993			
1 strongly agree		0.001	1.051	-0.009
2 agree		0.000	0.726	0.088
3 neither agree nor disagree		-0.000	0.803	-0.030
4 disagree		-0.001	0.587^{*}	0.026
5 strongly disagree		-0.001	-	-0.075
Family risk responsibility scale (11.09)				
a) Care for older ($W_{(8)} = 10.88$, $n = 618$)	1.026			
1 mainly a task for society		-0.001	1.564	-0.021
2 more a task for society than for the family		-0.002	1.910	-0.050
3 a task equally for both society and the family		-0.002	0.849	-0.103
4 more a task for the family than for society		0.003	0.669	-0.004
5 mainly a task for the family				
		0.002	-	-0.027
b) Care for pre-school children ($W_{(8)} = 19.77^{*}$, $n = 618$)	1.233		1.315	
1 mainly a task for society		-0.008		-0.010
2 more a task for society than for the family		-0.009		-0.011
3 a task equally for both society and the family		-0.035		-0.046
4 more a task for the family than for society		0.015		0.018
5 mainly a task for the family				
		0.037		0.050
c) Care for schoolchildren after school ($W_{(8)} = 13.15$, $n = 618$)	1.087		1.143	
1 mainly a task for society		-0.004		-0.006
2 more a task for society than for the family		-0.005		-0.008
3 a task equally for both society and the family		-0.012		-0.020
4 more a task for the family than for society				
5 mainly a task for the family		0.008		0.012
		0.013		0.021
d) Financial support for older				

Item (model test statistics)	CATI		CAPI	
	Odds ratio	Predicted CATI-Web	Odds ratio	Predicted CAPI-Web
$(W_{(5)} = 15.01^*, n = 617)$	0.712		1.180	
1 mainly a task for society		0.079		-0.036
2 more a task for society than		0.000		-0.005
for the family				
3 a task equally for both society and the		-0.061		-0.029
family				
4 more a task for the family than for society		-0.012		0.007
5 mainly a task for the family				
		-0.006		0.003
e) Financial support for younger with children $(W_{(11)} = 28.00^\#, n = 615)$				
1 mainly a task for society	0.927			
2 more a task for society than		0.016	0.926	0.016
for the family		0.002	1.386	-0.095
3 a task equally for both society and the				
family		-0.012	0.953	0.084
4 more a task for the family than for society				
5 mainly a task for the family		-0.004	0.789	0.002
		-0.002	-	-0.006
Childcare responsibilities (11.10)				
a) Grandparents should help childcare $(W_{(11)} = 26.31^\#, n = 617)$				
1 strongly agree	0.521^*	0.062	0.567	0.052
2 agree	1.124	-0.088	0.967	-0.044
3 neither agree nor disagree	1.305	-0.030	1.479	-0.093
4 disagree	$4.220^{\#\#}$	-0.058	$3.500^\#$	-0.006
5 strongly disagree	-	0.114	-	0.091
b) Parents should financially help adult children $(W_{(8)} = 13.92, n = 618)$				
1 strongly agree	1.164		1.035	
2 agree		-0.012		-0.003
3 neither agree nor disagree		-0.022		-0.005
4 disagree		-0.007		-0.002
5 strongly disagree		0.019		0.004
		0.009		0.002
c) Parents should adapt life to help adult children $(W_{(14)} = 48.09^{\#\#}, n = 616)$				
1 strongly agree				
2 agree	0.373^*	0.055	$0.313^\#$	0.070
3 neither agree nor disagree	1.236	-0.100	1.121	-0.095
4 disagree	1.205	0.005	0.892	0.048
5 strongly disagree	$3.138^\#$	-0.053	2.309^*	-0.082
	-	0.093	-	0.059
Elderly-care responsibilities (11.11)				
a) Children should care for parents $(W_{(14)} = 29.82^{**}, n = 616)$				
1 strongly agree	$0.517^\#$	0.114	0.531^{**}	0.109
2 agree	1.179	-0.147	1.186	-0.143
3 neither agree nor disagree	1.512	0.004	1.246	0.020
4 disagree	5.576	0.006	2.970	0.004
5 strongly disagree	-	0.023	-	0.010
b) Children should adjust work to parents' needs $(W_{(11)} = 49.76^{\#\#}, n = 617)$				
1 strongly agree			$1.698^\#$	

Item (model test statistics)	CATI		CAPI	
	Odds ratio	Predicted CATI-Web	Odds ratio	Predicted CAPI-Web
2 agree	0.949	0.002		-0.017
3 neither agree nor disagree	0.765	0.032		-0.035
4 disagree	1.490*	-0.131		-0.076
5 strongly disagree	1.425	0.053		0.059
	-	0.043		0.069
c) Children should financially help parents ($W_{(11)} = 55.27^{\#\#}$, $n = 616$)				
1 strongly agree				
2 agree	0.643	0.047	0.708	0.035
3 neither agree nor disagree	2.319##	-0.249	1.880#	-0.187
4 disagree	2.597#	0.079	1.210	0.133
5 strongly disagree	4.136	0.094	2.503	0.004
	-	0.029	-	0.014
d) Children should live with parents for care ($W_{(17)} = 42.92^{\#\#}$, $n = 617$)				
1 strongly agree				
2 agree	1.107	-0.003	0.793	0.008
3 neither agree nor disagree	0.616	0.055	0.709	0.026
4 disagree	1.145	-0.085	1.465	-0.129
5 strongly disagree	1.830	-0.027	3.123##	-0.045
	-	0.060		0.139
Gender roles (11.12)				
a) Women really want home and children ($W_{(11)} = 68.33^{\#\#}$, $n = 618$)				
1 strongly agree				
2 agree	0.173#	0.062	0.095##	0.116
3 neither agree nor disagree	1.027	-0.067	0.799	-0.075
4 disagree	0.629*	0.110	0.561#	0.089
5 strongly disagree	0.749	-0.070	0.800	-0.102
	-	-0.036	-	-0.028
b) Being housewife fulfilling ($W_{(8)} = 62.14^{\#\#}$, $n = 617$)	0.992		0.645*	
1 strongly agree		0.001		0.066
2 agree		0.001		0.039
3 neither agree nor disagree		-0.000		-0.023
4 disagree		-0.001		-0.049
5 strongly disagree		-0.001		-0.033
c) Man's task earning, woman's family ($W_{(11)} = 65.60^{\#\#}$, $n = 618$)			1.802#	
1 strongly agree	0.370	0.019		-0.005
2 agree	0.821	-0.008		-0.019
3 neither agree nor disagree	1.109	-0.030		-0.068
4 disagree	1.772#	-0.113		-0.043
5 strongly disagree	-	0.131		0.135
d) Not good if woman works, man cares for children ($W_{(8)} = 40.51^{\#\#}$, $n = 618$)	1.060			
1 strongly agree		-0.004	0.507*	0.057
2 agree		-0.004	0.444##	0.082
3 neither agree nor disagree		-0.006	0.627*	-0.025
4 disagree		0.004	1.129	-0.135
5 strongly disagree		0.010	-	0.022
e) Working woman same relation with child ($W_{(8)} = 44.34^{\#\#}$, $n = 618$)				
1 strongly agree			0.400##	

Item (model test statistics)	CATI		CAPI	
	Odds ratio	Predicted CATI-Web	Odds ratio	Predicted CAPI-Web
2 agree	0.443##	0.177		0.202
3 neither agree nor disagree	0.783	-0.130		-0.052
4 disagree	0.921	-0.038		-0.071
5 strongly disagree	0.759	0.001		-0.052
	-	-0.011		-0.027
f) Pre-school child suffers if mother works ($W_{(8)} = 45.61$##, $n = 617$)				
1 strongly agree			1.267	
2 agree	0.463	0.029		-0.005
3 neither agree nor disagree	0.655	0.017		-0.015
4 disagree	0.887	-0.022		-0.023
5 strongly disagree	1.616*	-0.124		-0.004
		0.100		0.047
g) Family life suffers if woman works full-time ($W_{(8)} = 57.55$##, $n = 617$)				
1 strongly agree			1.379	
2 agree	0.385	0.021		-0.004
3 neither agree nor disagree	0.701	0.013		-0.020
4 disagree	1.084	-0.048		-0.031
5 strongly disagree	1.930#	-0.131		-0.014
		0.145		0.068
h) Family life suffers because men too concentrated on work, ($W_{(11)} = 41.01$##, $n = 614$)				
1 strongly agree	0.585	0.031	0.378*	0.070
2 agree	1.933#	-0.183	1.137	-0.101
3 neither agree nor disagree	2.162##	-0.017	1.767**	-0.089
4 disagree	2.699**	0.092	3.382#	0.017
5 strongly disagree	-	0.077	-	0.104
Overall survey experience (12.01)				
Feeling about survey participation ($W_{(5)} = 20.68$#, $n = 618$)	0.858		1.769#	
1 very unpleasant		0.002		-0.006
2		0.003		-0.009
3		0.022		-0.067
4		0.002		-0.045
5 very enjoyable		-0.030		0.127
Survey feedback (12.02)				
a) Questions difficult ($W_{(5)} = 10.25$, $n = 616$)	0.739		0.577#	
1 definitely not		0.071		0.124
2		-0.023		-0.044
3		-0.027		-0.047
4		-0.017		-0.029
5 definitely yes		-0.003		-0.005
b) Questions clear ($W_{(11)} = 28.27$#, $n = 618$)				
1 definitely not	0.147	0.026	0.125	0.031
2	0.847	-0.010	1.340	-0.056
3	0.629	0.050	0.795	0.055
4	1.097	-0.088	1.234	-0.081
5 definitely yes	-	0.022	-	0.051
c) Questions made think ($W_{(5)} = 27.28$##, $n = 618$)	0.505##		0.436##	
1 definitely not		0.066		0.084

Item	CATI		CAPI	
(model test statistics)	Odds ratio	Predicted CATI-Web	Odds ratio	Predicted CAPI-Web
2		0.055		0.068
3		0.047		0.052
4		-0.045		-0.060
5 definitely yes		-0.123		-0.143
d) Topic interesting				
($W_{(5)} = 23.63^{\#\#}$, $n = 618$)	0.775		1.338	
1 definitely not		-0.003		-0.003
2		0.005		-0.005
3		0.029		-0.028
4		0.024		-0.035
5 definitely yes		-0.062		0.071
e) Questionnaire too long				
($W_{(8)} = 81.34^{\#\#}$, $n = 616$)				
1 definitely not	$2.401^{\#\#}$	-0.193	0.808	0.052
2	$3.841^{\#\#}$	-0.123		-0.011
3	$3.579^{\#\#}$	0.099		-0.019
4	$4.631^{\#\#}$	0.118		-0.017
5 definitely yes	-	0.099		-0.006
General opinion about surveys (12.05)				
a) Surveys important	*Model not estimated*[a].			
b) Surveys prevent doing other things	*Model not estimated* [a].			
c) Surveys enable own opinion articulation				
($W_{(11)} = 51.39^{\#\#}$, $n = 616$)				
1 strongly agree				
2 agree	$0.461^{\#\#}$	0.184	$0.388^{\#\#}$	0.226
3 neither agree nor disagree	1.263	-0.217	1.178	-0.249
4 disagree	3.883^{**}	-0.028	1.719	0.007
5 strongly disagree	3.256	0.041	2.130	0.006
	-	0.021	-	0.010

Notes:

a) Model failed to converge, presumably due to low or zero cell frequencies.

* $p < 0.05$, ** $p < 0.01$, $^{\#}$ $p < \alpha_{yek} \approx 0.0078$, $^{\#\#}$ $p < \alpha_{bnf} \approx 0.0006$

4 Proportions and odd ratios of extreme answers

The table shows proportions of extreme answers in each mode and odds of selecting an extreme answer in each self-administered mode compared to web. Gender, age and education were included as additional control variables in each model. Significance is reported at various levels, including the Benyamini-Yekutelli method (α_{yek}) and Bonferroni method (α_{bnf}) to account for multiple testing; a threshold of 0.01 is generally used to interpret the effects as significant.

The SD mark next to item names indicate that the item was rated by expert reviewers as potentially susceptible to social desirability. Shaded cells indicate the most likely direction of socially desirable responding where identified by the expert reviewers.

| | | Lower extreme | | | | | Upper extreme | | | |
| | | CATI compared to web | | CAPI compared to web | | | CATI compared to web | | CAPI compared to web | |
Item	%	Diff	OR	Diff	OR	%	Diff	OR	Diff	OR
7.02ᔆᴰ	26.6	+8.9	1.692*	+12.2	2.129#	0.0	0.0	1.000	0.0	1.000
7.05Aᔆᴰ	30.7	+7.3	1.289	+11.5	1.462	3.3	-0.8	0.757	+2.1	1.698
7.05Bᔆᴰ	0.0	+0.5	0.474	+1.0	1.000	24.4	+9.1	1.511	+17.1	2.227##
7.05Cᔆᴰ	1.4	+0.6	1.518	+0.1	0.994	26.8	+6.2	1.306	+13.5	1.886#
7.05Dᔆᴰ	5.2	+2.3	1.404	+4.5	1.912	8.5	-2.0	0.676	+0.7	1.017
7.05Eᔆᴰ	0.0	0.0	1.000	+0.5	1.000	11.3	+3.7	1.323	+4.7	1.464
7.05Fᔆᴰ	0.9	+0.6	1.507	-0.4	0.487	22.5	+5.5	1.270	+10.7	1.579*
7.05Gᔆᴰ	8.9	+4.1	1.405	+3.7	1.341	12.7	-3.2	0.713	+8.7	1.842*
7.05Hᔆᴰ	0.9	+0.1	0.975	+0.6	1.411	21.6	+5.5	1.333	+14.8	2.121#
7.05Iᔆᴰ	12.7	+7.3	1.639	+11.2	2.058**	4.7	-1.7	0.621	-1.3	0.720
7.05Jᔆᴰ	3.8	+2.2	1.623	-1.4	0.636	11.7	+3.3	1.250	+9.3	1.898*
7.05Kᔆᴰ	0.5	+1.5	4.572	-0.5	1.000	24.4	+3.6	1.160	+5.7	1.305
7.05Lᔆᴰ	0.0	+0.5	1.000	0.0	1.000	29.6	-2.1	0.880	+1.5	1.074
7.05M	10.8	+3.7	1.382	+8.7	2.107	5.6	-2.6	0.466	-1.2	0.655
7.05Nᔆᴰ	3.3	-2.3	0.293	-2.3	0.278	12.2	+5.4	1.507	+2.4	1.164
7.05Oᔆᴰ	0.0	+1.5	1.000	0.0	1.000	23.9	-0.9	0.947	+0.9	1.071
7.06Aᔆᴰ	4.7	+1.3	1.183	-1.3	0.646	22.5	+21.5	2.659##	+18.8	2.453##
7.06Bᔆᴰ	2.8	+2.7	1.902	-0.8	0.628	23.9	+20.6	2.486##	+22.4	2.823##
7.06Cᔆᴰ	1.9	+2.6	2.234	+4.9	3.232*	23.9	+4.1	1.209	+9.3	1.636*
7.06Dᔆᴰ	2.8	+0.2	1.030	-1.3	0.484	22.5	+8.0	1.486	+11.6	1.795**
7.06Eᔆᴰ	2.4	+2.6	1.966	+1.0	1.278	26.4	+5.6	1.341	+4.7	1.331
7.07ᔆᴰ	1.4	-1.4	1.000	-1.4	1.000	8.4	+2.6	1.301	+3.7	1.464
7.08Aᔆᴰ	30.8	+31.7	4.383##	+17.7	2.492##	13.6	-1.1	0.883	+0.1	0.982
7.08Bᔆᴰ	3.3	+2.2	1.707	-1.8	0.379	76.7	+8.8	1.824*	+8.7	1.961*
7.08Cᔆᴰ	12.1	-4.6	0.587	0.0	0.959	65.4	+8.6	1.505	+3.5	1.193
7.08Dᔆᴰ	35.0	+19.5	2.395##	+11.1	1.759**	20.1	-2.6	0.826	-1.7	0.846
7.08Eᔆᴰ	5.1	-1.6	0.666	-1.7	0.640	78.0	+9.0	1.890*	+7.4	1.713*
7.08Fᔆᴰ	60.1	+19.4	2.707##	+12.7	1.925#	7.5	-2.5	0.633	-4.6	0.353*
7.09Aᔆᴰ	66.4	+23.5	4.646##	+1.4	1.089	1.4	-0.9	0.332	-0.4	0.655
7.09Bᔆᴰ	74.8	+15.2	3.319##	+3.8	1.321	1.9	-1.9	1.000	-1.9	1.000

		Lower extreme				Upper extreme			
		CATI compared to web		CAPI compared to web			CATI compared to web		CAPI compared to web	
Item	%	Diff	OR	Diff	OR	%	Diff	OR	Diff	OR
7.09C[SD]	75.2	+15.3	3.208##	+7.8	1.622*	2.3	-2.3	1.000	-2.3	1.000
7.09D[SD]	55.1	+30.9	5.120##	+14.8	1.806**	1.4	-0.9	0.315	-1.4	1.000
7.09E[SD]	59.8	+26.2	4.105##	+15.0	2.088#	0.5	0.0	1.198	0.0	1.210
7.09F[SD]	77.1	+18.4	7.985##	+6.4	1.721*	0.5	0.0	1.067	-0.5	1.000
7.09G[SD]	45.3	+28.2	3.574##	+8.4	1.499*	0.5	0.0	1.067	-0.5	1.000
10.02[SD]	5.6	-1.1	0.745	-0.3	0.854	3.3	+4.2	2.505	+2.5	2.067
11.03[SD]	23.7	+1.3	1.061	+9.0	1.600*	3.7	-0.2	0.926	+1.7	1.501
11.04A	6.5	+4.5	1.802	+2.2	1.409	33.5	+15.0	1.846#	+4.8	1.271
11.04B	7.0	-1.0	0.865	-2.6	0.639	41.3	+20.2	2.267##	+2.4	1.143
11.04C	7.9	+2.1	1.300	-1.1	0.830	31.8	+13.2	1.751**	+4.6	1.269
11.07[SD]	0.9	+4.6	6.113*	+10.3	13.296##	4.2	-0.7	0.734	-0.3	0.773
11.08A	7.4	+4.6	1.680	+4.3	1.674	18.1	+13.9	2.108#	+4.7	1.359
11.08B[SD]	36.4	+13.9	1.798**	+16.8	2.074##	3.3	+1.7	1.559	-0.4	0.869
11.08C	6.1	+6.4	2.419*	+1.7	1.442	24.3	+12.7	1.784**	+6.8	1.423
11.08D[SD]	35.8	+3.9	1.142	+11.8	1.655*	0.0	+4.0	0.939	+4.4	1.000
11.08E[SD]	0.5	+4.5	10.177*	+3.4	7.801	31.3	+9.7	1.590*	+5.1	1.367
11.08F[SD]	0.5	+3.5	8.265*	+1.9	4.658	31.8	+9.2	1.549*	+8.0*	1.560*
11.08G[SD]	19.2	+12.8	2.039#	+3.6	1.217	11.7	+4.3	1.438	-1.0	0.931
11.08H[SD]	18.2	+15.3	2.207#	+15.8	2.299##	5.1	-0.1	1.007	-2.7	0.475
11.08I[SD]	25.7	+2.3	1.114	-0.3	1.030	19.6	+2.4	1.142	-5.5	0.617
11.09A	3.7	+4.8	2.425*	+0.2	1.051	7.0	+3.5	1.502	-1.2	0.789
11.09B	3.3	+1.2	1.412	+0.1	1.043	18.6	+9.4	1.702*	+8.1	1.540
11.09C	3.3	+2.2	1.815	+1.1	1.357	16.3	+7.2	1.597	+3.1	1.281
11.09D	33.6	+7.4	1.390	-1.1	0.974	2.8	-1.3	0.541	-0.9	0.725
11.09E	29.1	+1.6	1.106	+0.5	1.086	2.8	+0.2	1.028	-0.4	0.858
11.10A	7.9	+6.1	1.806	+4.8	1.632	4.2	+11.3	4.106##	+9.0	3.371#
11.10B	7.0	+4.0	1.565	+2.7	1.319	3.3	+3.7	2.258	+5.0	2.711*
11.10C	3.8	+6.2	2.736*	+6.4	2.667*	5.2	+9.3	3.206#	+5.5	2.310*
11.11A	17.3	+11.3	1.928**	+10.4	1.862**	0.5	+2.5	5.980	+1.0	2.913
11.11B	3.7	+0.8	1.223	-0.8	0.735	8.9	+8.6	2.062*	+14.4	3.009##
11.11C	10.3	+4.3	1.567	+2.8	1.383	0.9	+3.1	4.374	+1.5	2.542
11.11D[SD]	3.3	+0.2	1.065	+0.6	1.169	8.4	+6.6	1.853	+13.9	3.123##
11.12A[SD]	1.4	+6.1	5.792**	+12.2	10.548##	16.7	-3.2	0.775	-3.6	0.821
11.12B[SD]	12.1	+4.0	1.361	+13.1	2.330#	10.7	-0.1	0.961	-4.4	0.585
11.12C[SD]	0.9	+2.1	3.089	+0.1	0.842	37.2	+13.8#	1.858#	+13.3	2.009##
11.12D[SD]	3.7	+5.8	2.653*	+8.9	3.672#	21.4	+4.1	1.298	+2.4	1.229
11.12E[SD]	24.7	+19.3	2.415##	+20.9	2.784##	3.3	+0.2	1.043	+0.1	0.991
11.12F[SD]	1.4	+4.1	3.878*	+2.0	2.150	25.2	+12.3	1.823**	+7.8	1.617*
11.12G[SD]	0.9	+2.6	3.535	+0.6	1.372	29.9	+15.6	2.092##	+7.5	1.543*
11.12H[SD]	4.7	+3.3	1.756	+7.1	2.629*	5.2	+7.8	2.832**	+10.0	3.554#
12.01[SD]	0.9	-0.4	0.565	+1.5	2.901	26.5	-2.5	0.864	+15.2	1.969#
12.02A[SD]	57.7	+9.3	1.456	+11.9	1.671*	0.9	+0.6	1.659	-0.4	0.554
12.02B[SD]	0.5	+2.5	7.184	+3.4	8.250	53.5	+3.0	1.102	+6.2	1.233
12.02C[SD]	5.1	+9.9	3.189#	+12.9	4.127##	27.0	-7.5	0.646	-8.6	0.618*

| | | Lower extreme | | | | | Upper extreme | | | |
| | | CATI compared to web | | CAPI compared to web | | | CATI compared to web | | CAPI compared to web | |
Item	%	Diff	OR	Diff	OR	%	Diff	OR	Diff	OR
12.02D[SD]	0.9	+0.6	1.618	+0.1	1.067	44.7	+0.8	0.995	+11.6	1.604*
12.02E	42.7	-17.2	0.429##	+8.8	1.362	1.4	+11.6	10.287##	+3.5	3.098
12.05A	35.2	+10.8	1.553*	+13.8	1.861#	0.5	+3.0	8.003	+0.5	2.044
12.05B	0.0	+1.0	0.636	+1.5	1.000	37.1	+7.9	1.379	+16.8	1.985##
12.05C	34.3	+17.7	2.137##	+21.5	2.557##	0.9	+2.1	3.307	+1.0	1.917

* $p < 0.05$, ** $p < 0.01$, # $p < \alpha_{yek} \approx 0.003$, ## $p < \alpha_{bnf} \approx 0.0006$