ONLINE APPENDIX

Table A1. Comparison of survey responses to statements between the subsample of individuals that completed the two rounds (Kept) and the subsample of individuals that only completed the first round of the survey (Excluded).

Statement	Kept (n=141) Mean	SD	Excluded (n=83) Mean	SD	t-test
1. *Cruise tourists' onshore expenditure is very important for the economy of Gran Canaria*	3.99	0.969	4.10	0.920	-0.857
2. *Cruise tourism causes a general price increase*	3.08	0.953	3.16	0.831	-0.590
3. *Cruise tourism creates many jobs in Gran Canaria*	3.43	0.990	3.42	0.957	0.114
4. *Many people become unemployed when the cruise season ends*	3.23	0.902	3.04	0.937	1.513
5. *Some shops open on Sundays during the cruise season, and this damages other shops*	2.82	1.084	2.77	1.072	0.310
6. *Seeing cruise ships docked in the port produces me a positive feeling*	3.48	1.063	3.55	1.092	-0.476
7. *Urban equipment and infrastructures are better thanks to cruise tourism*	3.05	0.882	3.16	0.980	-0.824
8. *LPGC is dirtier when cruises arrive*	2.84	0.969	2.94	0.965	-0.694
9. *Air pollution in LPGC increases when cruises arrive*	3.29	0.994	3.40	1.055	-0.805
10. *Water in Alcaravaneras' beach is dirtier the days cruises arrive*	3.42	1.026	3.45	0.996	-0.231
11. *Cruise ships and cruise tourists' activities generate a lot of noise*	2.90	0.892	2.89	1.040	0.073
12. *The arrival of cruise ships has contributed to improve the cultural offer in LPGC*	3.77	0.831	3.88	0.849	-0.929
13. *Cruise tourism has made that the city of LPGC is recognized as a high-quality destination*	3.66	1.051	3.87	0.809	-1.672*
14. *It is positive that shops open on holiday days because of cruise ships' arrival*	3.81	0.818	4.03	0.878	-1.866*
15. *Cruise tourists are very interested in our culture and contribute to preserve our traditions*	3.23	0.915	3.03	1.082	1.416
16. *Sometimes it is uncomfortable to go to certain places due to the high number of cruise passengers*	2.82	0.977	2.89	1.184	-0.437
17. *When cruise ships arrive, it is difficult to enjoy of some services (e.g., table in a bar, free taxis, etc.)*	2.81	1.030	3.11	1.087	-2.028**
18. *It is necessary to limit the arrival of cruise ships*	3.28	0.979	3.42	1.103	-0.964
19. *Government should economically incentivize the arrival of cruise ships*	3.49	0.916	3.56	0.865	-0.542
20. *A tourist tax should be collected to each cruise passenger*	3.53	0.967	3.43	1.064	0.684
21. *I think the arrival of more cruise passengers should be incentivized*	3.30	0.934	3.41	1.015	-0.807

Note: answers are recorded on a 1-5 Likert scale where 1 means "I strongly disagree" and 5 means "I strongly agree".

*** p<0.01, ** p<0.05, * p<0.1

Table A2. Comparison of survey responses to valuation of economic, environmental social and global impacts between the subsample of individuals that completed the two rounds (Kept) and the subsample of individuals that only completed the first round of the survey (Excluded).

	Kept (n=141)		Excluded (n=83)		
	Mean	SD	Mean	SD	t-test
Overall economic impact	3.987	0.876	4.106	0.762	-1.061
Overall environmental impact	2.602	0.748	2.397	0.754	1.972**
Overall social impact	3.602	0.748	3.503	0.733	0.967
Overall global impact	3.530	0.686	3.489	0.761	0.400

Note: answers are recorded on a 1-5 Likert scale where 1 means "Very bad" and 5 means "Very good".
*** p<0.01, ** p<0.05, * p<0.1

Table A3. Comparison of students' characteristics between the subsample of individuals that completed the two rounds (Kept) and the subsample of individuals that only completed the first round

	Kept (n=141)		Excluded (n=83)		
	Mean	SD	Mean	SD	t-test
Gender: female	0.732	0.444	0.650	0.479	-1.293
Age: 18-25	0.950	0.217	0.939	0.239	-0.351
Age: over 26	0.049	0.217	0.060	0.239	0.351
Family monthly income (low): less than €1,000	0.183	0.388	0.192	0.397	0.179
Family monthly income (medium): between €1,000-€2,000	0.309	0.464	0.337	0.475	0.424
Family monthly income (high): more than €2,000	0.211	0.409	0.216	0.414	0.098
Family monthly income: do not know	0.302	0.461	0.253	0.437	-0.796
Household size	3.633	1-0.82	3.518	1.172	-0.773
Lives in LPGC	0.619	0.487	0.674	0.471	0.826
Lives in area where shops open on Sundays	0.119	0.325	0.156	0.365	0.783
Never went on a cruise trip	0.838	0.369	0.855	0.353	0.346
Knows someone (friends, relative) who works in the cruise sector	0.239	0.428	0.469	0.502	3.651***
Year: 2019	0.380	0.487	0.253	0.437	-1.962*
Year: 2020	0.380	0.487	0.421	0.496	0.610
Year: 2021	0.239	0.428	0.325	0.471	1.397

of the survey (Excluded).

*** p<0.01, ** p<0.05, * p<0.1

Figure A1. Histograms of belief change in overall economic (Panel A), environmental (Panel B), social (Panel C) and global (Panel D) impact of cruise tourism
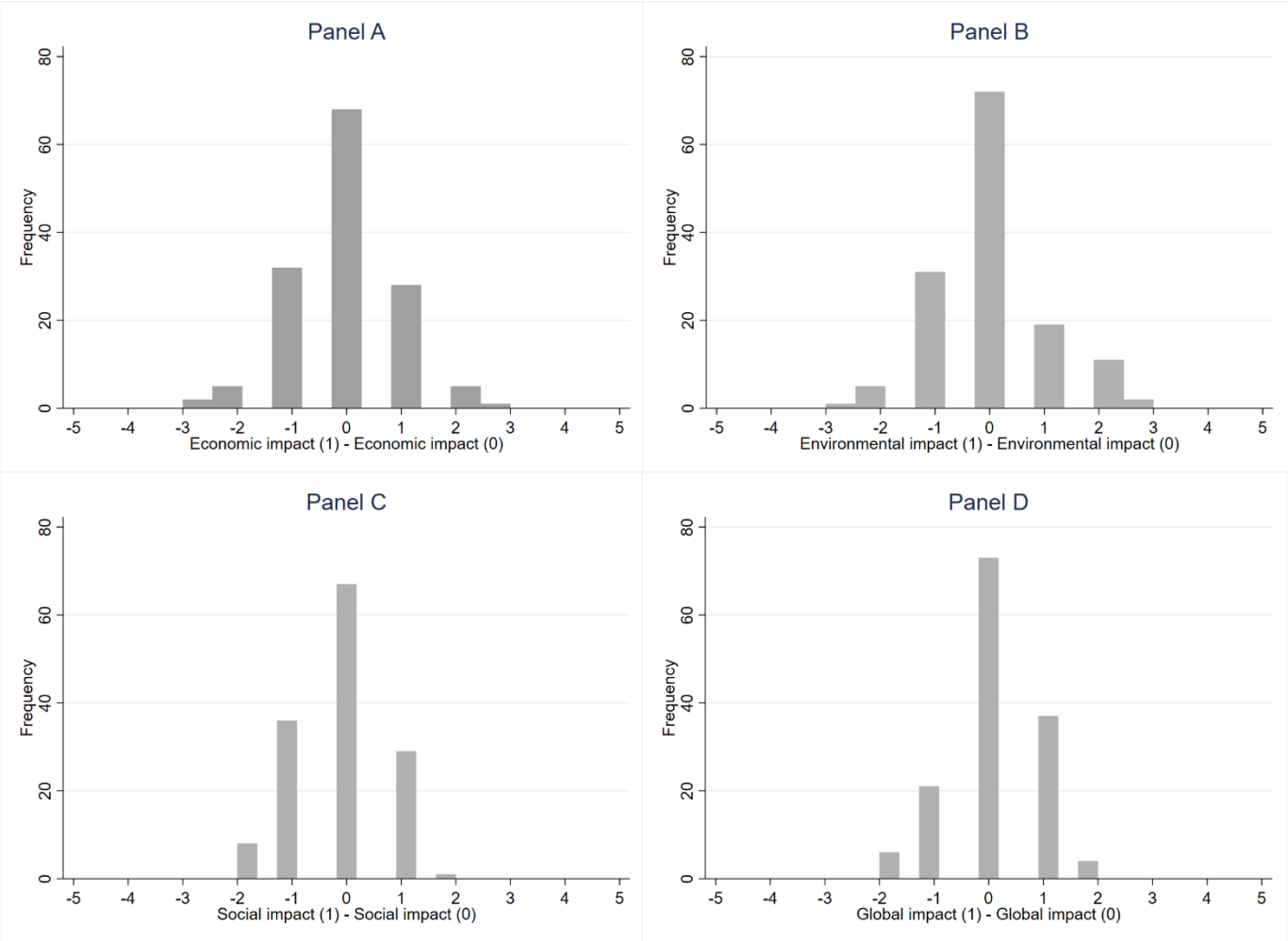
Figure A2. Mean values of agreement with statements 1-7 in the before and after surveys for each academic course

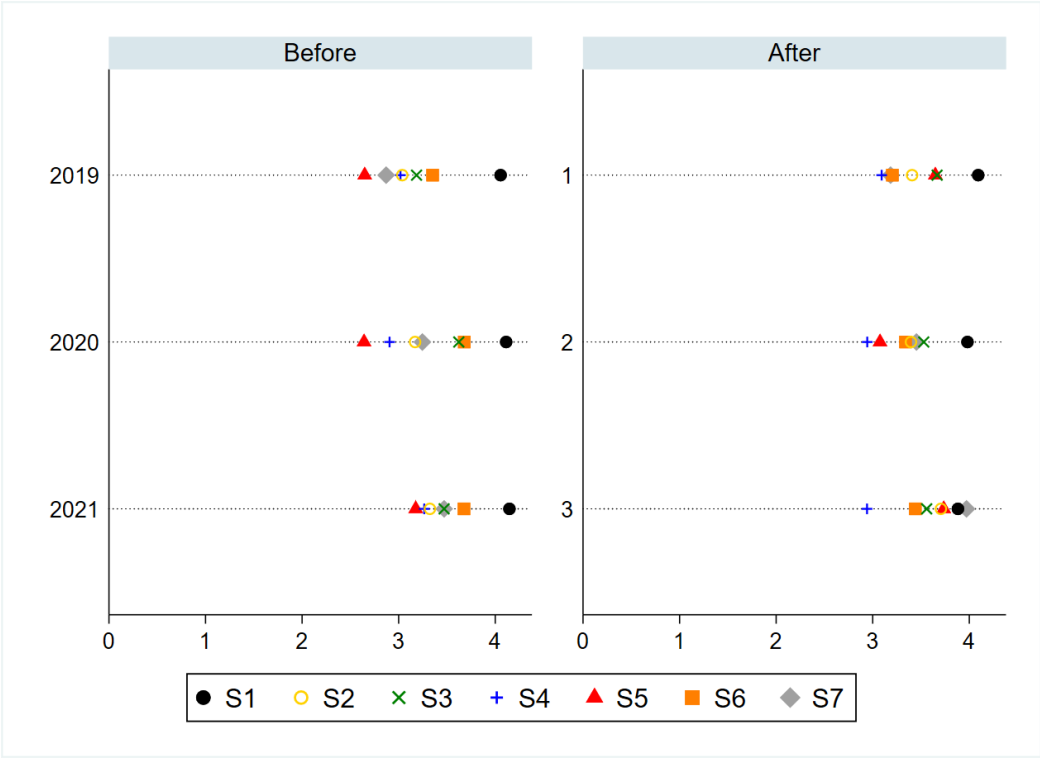**Figure A3.** Mean values of agreement with statements 8-14 in the before and after surveys for each academic course
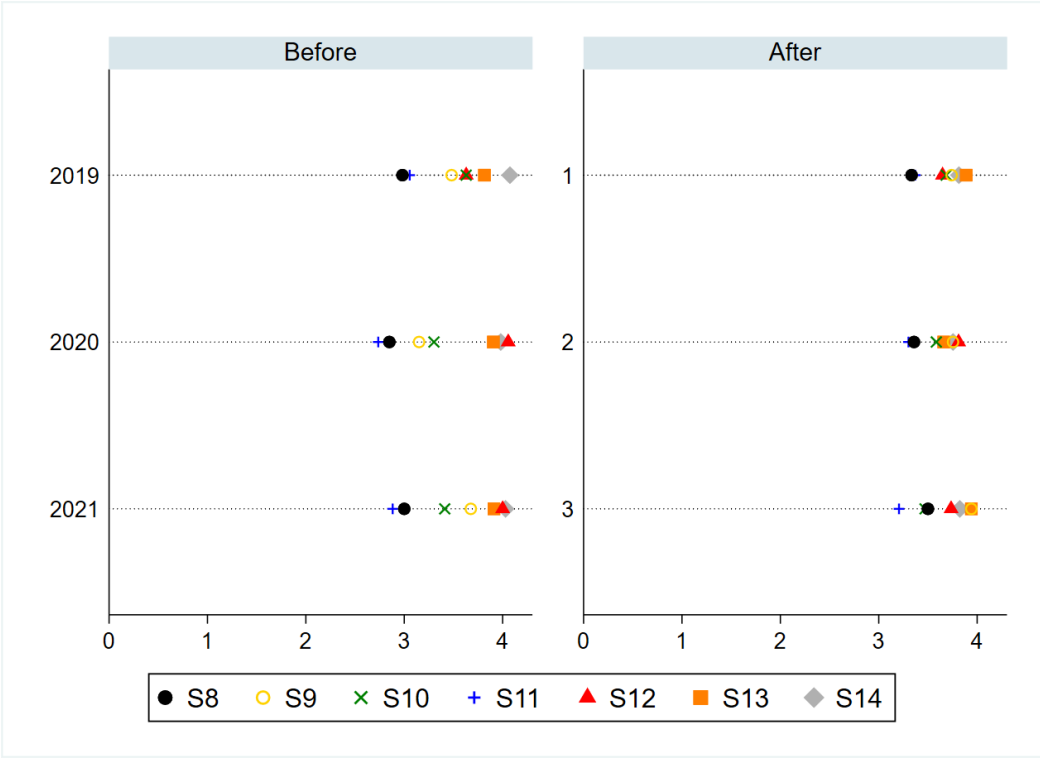
Figure A4. Mean values of agreement with statements 15-21 in the before and after surveys for each academic course
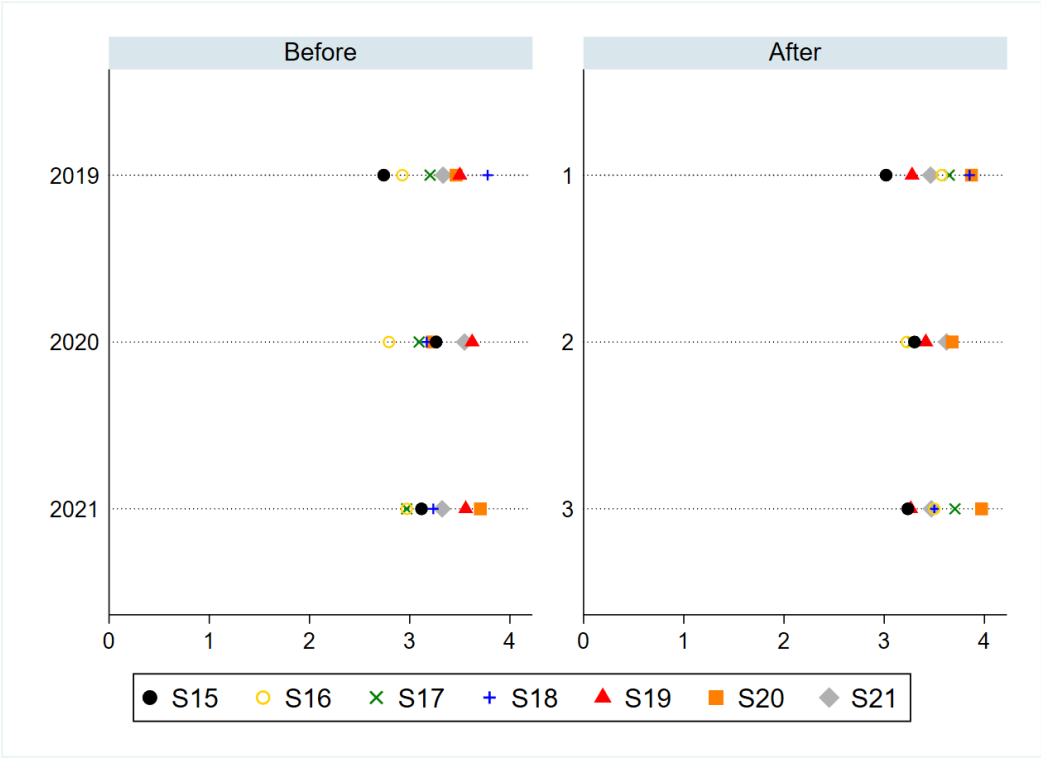

Figure A5. Mean values of perceived degree of economic, environmental, social and global impact in the before and after surveys for each academic course
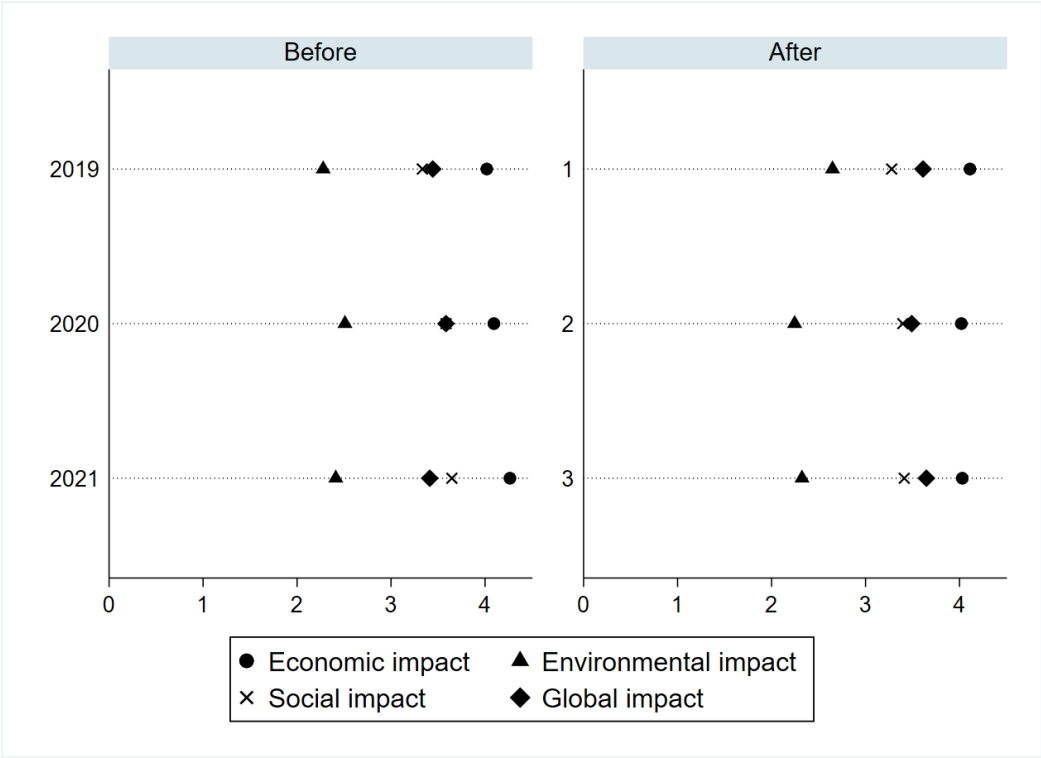
Table A4. Correlations based on OLS regressions between survey responses in the pre-course (before) questionnaire and students' personal characteristics

PANEL A	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Dep. variable	S1	S2	S3	S4	S5	S6	S7
Year: 2020	0.146	0.112	0.377**	-0.046	-0.015	0.298*	0.289*
	(0.148)	(0.135)	(0.148)	(0.156)	(0.165)	(0.170)	(0.151)
Year: 2021	0.022	0.324**	0.286*	0.142	0.347*	0.390**	0.530***
	(0.157)	(0.147)	(0.167)	(0.166)	(0.188)	(0.183)	(0.165)
Resident in LPGC	0.378***	-0.028	0.276**	0.148	-0.167	0.132	-0.036
	(0.138)	(0.128)	(0.137)	(0.128)	(0.149)	(0.163)	(0.136)
Never went on a cruise	-0.033	0.073	0.056	-0.268	0.300*	-0.078	0.166
	(0.154)	(0.144)	(0.198)	(0.177)	(0.168)	(0.226)	(0.164)
Knows someone in the industry	-0.205	-0.214*	0.016	0.050	0.092	-0.256	0.075
	(0.139)	(0.126)	(0.141)	(0.141)	(0.163)	(0.161)	(0.141)
Female	0.190	0.051	-0.042	0.118	-0.102	-0.198	0.008
	(0.133)	(0.134)	(0.133)	(0.132)	(0.151)	(0.153)	(0.133)
Household size	-0.027	0.009	0.100	-0.036	-0.075	-0.114	0.011
	(0.068)	(0.059)	(0.065)	(0.059)	(0.059)	(0.071)	(0.062)
Medium income	-0.152	-0.192	-0.222	-0.036	-0.169	-0.023	-0.156
	(0.133)	(0.129)	(0.139)	(0.155)	(0.170)	(0.160)	(0.140)
High income	-0.070	-0.396**	-0.398**	0.006	0.044	0.040	-0.127
	(0.171)	(0.163)	(0.178)	(0.153)	(0.193)	(0.207)	(0.174)
Constant	3.875***	3.106***	2.800***	3.266***	2.907***	3.925***	2.759***
	(0.306)	(0.297)	(0.339)	(0.302)	(0.287)	(0.413)	(0.313)
Observations	225	225	225	225	225	225	225
PANEL B							
Dep. variable	S8	S9	S10	S11	S12	S13	S14
Year: 2020	0.047	-0.150	-0.151	-0.249	0.333**	0.114	-0.033
	(0.150)	(0.162)	(0.149)	(0.152)	(0.144)	(0.153)	(0.137)
Year: 2021	0.147	0.207	-0.117	-0.012	0.323**	0.156	-0.027
	(0.158)	(0.159)	(0.165)	(0.176)	(0.145)	(0.159)	(0.163)
Resident in LPGC	-0.222*	-0.078	0.143	-0.342**	0.182	0.148	0.111
	(0.132)	(0.130)	(0.136)	(0.138)	(0.119)	(0.132)	(0.120)
Never went on a cruise	-0.087	0.209	-0.227	-0.172	0.193	0.330*	0.184
	(0.177)	(0.188)	(0.158)	(0.187)	(0.181)	(0.176)	(0.130)
Knows someone in the industry	0.022	-0.166	0.053	0.014	-0.043	0.006	-0.076
	(0.135)	(0.137)	(0.138)	(0.140)	(0.120)	(0.130)	(0.128)
Female	0.294**	0.269*	0.367***	-0.079	0.138	0.132	0.166
	(0.133)	(0.142)	(0.136)	(0.148)	(0.121)	(0.129)	(0.133)
Household size	0.055	0.220***	0.191***	0.106*	0.067	0.078	0.066
	(0.064)	(0.059)	(0.062)	(0.063)	(0.055)	(0.062)	(0.052)
Medium income	-0.504***	-0.323**	-0.363**	-0.153	-0.002	0.012	0.030
	(0.142)	(0.153)	(0.150)	(0.151)	(0.125)	(0.134)	(0.133)
High income	-0.171	-0.225	-0.203	-0.475***	0.083	-0.203	0.067
	(0.171)	(0.171)	(0.163)	(0.168)	(0.139)	(0.158)	(0.153)
Constant	2.857***	2.463***	2.825***	3.182***	3.002***	3.001***	3.390***
	(0.327)	(0.297)	(0.308)	(0.341)	(0.276)	(0.334)	(0.250)
Observations	225	225	225	225	225	225	225
PANEL C							
Dep. variable	S15	S16	S17	S18	S19	S20	S21
Year: 2020	0.311*	-0.215	-0.058	-0.373**	0.046	-0.163	0.148
	(0.168)	(0.169)	(0.163)	(0.166)	(0.152)	(0.168)	(0.164)

Year: 2021	0.353**	-0.002	-0.178	-0.347**	0.111	0.142	0.127
	(0.177)	(0.187)	(0.186)	(0.173)	(0.151)	(0.182)	(0.175)
Resident in LPGC	0.100	-0.221	-0.259*	-0.205	0.194	-0.107	0.012
	(0.140)	(0.154)	(0.146)	(0.139)	(0.130)	(0.138)	(0.140)
Never went on a cruise	0.128	0.017	0.092	0.005	-0.062	-0.009	-0.006
	(0.200)	(0.212)	(0.200)	(0.208)	(0.175)	(0.187)	(0.194)
Knows someone in the industry	-0.116	0.216	0.114	0.183	-0.092	0.222	-0.224
	(0.149)	(0.158)	(0.150)	(0.151)	(0.140)	(0.150)	(0.151)
Female	0.031	0.243	0.135	0.464***	0.129	0.398**	-0.158
	(0.149)	(0.155)	(0.146)	(0.150)	(0.137)	(0.160)	(0.139)
Household size	-0.074	-0.001	-0.008	0.012	-0.032	-0.036	0.037
	(0.065)	(0.067)	(0.066)	(0.069)	(0.058)	(0.062)	(0.063)
Medium income	0.024	-0.490***	-0.364**	-0.142	-0.070	0.113	-0.089
	(0.151)	(0.176)	(0.161)	(0.157)	(0.137)	(0.155)	(0.154)
High income	-0.261	-0.448**	-0.118	-0.063	-0.055	0.048	-0.150
	(0.194)	(0.186)	(0.194)	(0.184)	(0.162)	(0.185)	(0.178)
Constant	3.046***	3.103***	3.208***	3.369***	3.506***	3.307***	3.396***
	(0.337)	(0.349)	(0.313)	(0.364)	(0.318)	(0.321)	(0.357)
Observations	225	225	225	225	225	225	225

PANEL D

Dep. variable	Economic	Environ.	Social	Global
Year: 2020	0.088	0.218*	0.328***	0.104
	(0.133)	(0.119)	(0.119)	(0.121)
Year: 2021	0.185	0.216	0.356***	0.025
	(0.130)	(0.133)	(0.116)	(0.127)
Resident in LPGC	0.212*	0.085	0.340***	0.118
	(0.113)	(0.104)	(0.100)	(0.105)
Never went on a cruise	-0.110	0.195	-0.117	0.083
	(0.155)	(0.155)	(0.150)	(0.159)
Knows someone in the industry	-0.048	0.060	0.041	-0.033
	(0.119)	(0.110)	(0.100)	(0.108)
Female	0.159	-0.088	0.136	0.023
	(0.116)	(0.109)	(0.103)	(0.105)
Household size	-0.009	-0.066	0.015	0.010
	(0.054)	(0.047)	(0.047)	(0.055)
Medium income	0.121	0.007	0.119	0.130
	(0.120)	(0.119)	(0.110)	(0.109)
High income	0.182	-0.134	0.174	-0.027
	(0.141)	(0.125)	(0.130)	(0.143)
Constant	3.793***	2.418***	2.957***	3.237***
	(0.321)	(0.263)	(0.235)	(0.268)
Observations	225	225	225	225

Robust standard errors in parentheses. *** p<0.01, ** p<0.05, * p<0.1

Table A5. Coefficient estimates from ordered logit fixed effects regression according to equation (1)

PANEL A	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Dep. variable	S1	S2	S3	S4	S5	S6	S7
Post	-0.256	0.827***	0.452*	-0.078	1.718***	-0.627**	0.796***
	(0.252)	(0.254)	(0.241)	(0.226)	(0.316)	(0.257)	(0.237)
Observations	220	230	216	258	276	224	238
PANEL B							
Dep. variable	S8	S9	S10	S11	S12	S13	S14
Post	1.319***	1.020***	0.397	1.055***	-0.517*	-0.211	-0.760***
	(0.267)	(0.249)	(0.244)	(0.267)	(0.275)	(0.272)	(0.275)
Observations	218	234	204	240	166	152	182
PANEL C							
Dep. variable	S15	S16	S17	S18	S19	S20	S21
Post	0.414*	1.339***	1.025***	0.383	-0.678***	1.286***	0.344
	(0.250)	(0.281)	(0.258)	(0.245)	(0.256)	(0.276)	(0.250)
Observations	206	260	250	222	202	194	188
PANEL D							
Dep. variable	Economic	Environ.	Social	Global			
Post	-0.158	0.066	-0.517**	0.310			
	(0.255)	(0.262)	(0.246)	(0.262)			
Observations	178	182	166	156			

Robust standard errors in parentheses. *** p<0.01, ** p<0.05, * p<0.1
Note: the regressions use distinct number of observations because those individuals who do not change their responses between the pre- and post- surveys are discarded from the estimation. The reason is that in the context of the fixed effects ordered logit the fixed effects are not identified if the dependent variable is time-invariant. See Baetschmann et al. (2020) for further details on the estimator.

Table A6. Average marginal effects (AMEs) from ordered logit fixed effects regression in Table A5 according to equation (1)

PANEL A	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Dep. variable	S1	S2	S3	S4	S5	S6	S7
Prob(Strongly disagree)	0.007	-0.021***	-0.011	0.008	-0.113***	0.031*	-0.029***
	(0.007)	(0.005)	(0.008)	(0.016)	(0.015)	(0.017)	(0.006)
Prob(Disagree)	0.032	-0.097	-0.067	0.023	-0.190***	0.120***	-0.176***
	(0.028)	(0.062)	(0.062)	(0.043)	(0.063)	(0.041)	(0.046)
Prob(Do not know)	0.048	-0.019	0.046	-0.009	-0.013	-0.082	0.081
	(0.039)	(0.098)	(0.061)	(0.022)	(0.086)	(0.052)	(0.062)
Prob(Agree)	-0.046	0.116**	0.030	-0.017	0.221***	-0.059	0.117*
	(0.040)	(0.054)	(0.031)	(0.030)	(0.043)	(0.041)	(0.064)
Prob(Strongly agree)	-0.042	0.020	0.002	-0.006	0.094**	-0.010	0.007
	(0.049)	(0.016)	(0.003)	(0.011)	(0.048)	(0.012)	(0.010)
Observations	220	230	216	258	276	224	238

PANEL B							
Dep. variable	S8	S9	S10	S11	S12	S13	S14
Prob(Strongly disagree)	-0.065***	-0.033***	-0.008*	-0.045***	0.007	0.002	0.014*
	(0.008)	(0.006)	(0.005)	(0.010)	(0.005)	(0.002)	(0.008)
Prob(Disagree)	-0.277***	-0.093**	-0.063	-0.180***	-0.007	0.004	0.110
	(0.034)	(0.040)	(0.060)	(0.050)	(0.005)	(0.006)	(0.087)
Prob(Do not know)	0.229***	-0.104	-0.006	0.149**	-2.3e-06*	0.076	0.005
	(0.070)	(0.084)	(0.065)	(0.059)	(1.2e-06)	(0.065)	(0.135)
Prob(Agree)	0.105*	0.200***	0.069	0.069*	-2.1e-07**	-0.073	-0.115*
	(0.060)	(0.055)	(0.049)	(0.039)	(1.0e-07)	(0.060)	(0.070)
Prob(Strongly agree)	0.008	0.030	0.008	0.008	-3.3e-09***	-0.010	-0.014
	(0.006)	(0.022)	(0.010)	(0.006)	(1.5e-09)	(0.016)	(0.014)
Observations	218	234	204	240	166	152	182

PANEL C							
Dep. variable	S15	S16	S17	S18	S19	S20	S21
Prob(Strongly disagree)	-0.026	-0.118***	-0.036***	-0.021**	0.012	-0.065***	-0.013**
	(0.017)	(0.019)	(0.006)	(0.009)	(0.008)	(0.009)	(0.006)
Prob(Disagree)	-0.064	-0.171***	-0.161***	-0.057*	0.070	-0.207**	-0.105*
	(0.049)	(0.048)	(0.047)	(0.032)	(0.050)	(0.081)	(0.059)
Prob(Do not know)	0.067	0.057	-0.006	-0.031	0.053	0.156	0.096*
	(0.054)	(0.081)	(0.084)	(0.073)	(0.051)	(0.140)	(0.055)
Prob(Agree)	0.022	0.184***	0.147***	0.079*	-0.114*	0.112	0.019
	(0.018)	(0.043)	(0.038)	(0.045)	(0.068)	(0.085)	(0.022)
Prob(Strongly agree)	0.002	0.048*	0.055	0.031	-0.021	0.003	0.003
Prob(Strongly disagree)	(0.002)	(0.027)	(0.042)	(0.034)	(0.016)	(0.004)	(0.005)
Observations	206	260	250	222	202	194	188

PANEL D				
Dep. variable	Economic	Environ.	Social	Global
Prob(Very bad)	0.002	-0.023	0.002	-0.002
	(0.002)	(0.030)	(0.001)	(0.002)
Prob(Bad)	0.022	-0.010	-0.002	-0.013
	(0.035)	(0.029)	(0.001)	(0.015)
Prob(neutral)	0.058	0.028	-8.0e-06	-0.063
	(0.041)	(0.047)	(6.3e-06)	(0.071)
Prob(good)	-0.068	0.005	-4.0e-07	0.070
	(0.052)	(0.011)	(2.5e-07)	(0.064)
Prob(Very good)	-0.015	4.0e-10	-2.6e-08	0.009
	(0.015)	(2.5e-10)	(5.1e-05)	(0.014)
Observations	178	182	166	156

Robust standard errors in parentheses. *** p<0.01, ** p<0.05, * p<0.1

Table A7. Tests of the parallel regression assumption after ordered logit estimation

PANEL A	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Dep. variable	S1	S2	S3	S4	S5	S6	S7
Wolfe Gould	2.63	4.25	4.05	2.68	1.48	0.78	0.41
	[0.452]	[0.235]	[0.256]	[0.443]	[0.686]	[0.853]	[0.937]
Brant	2.44	3.59	4.00	2.48	1.47	0.77	0.42
	[0.485]	[0.308]	[0.261]	[0.478]	[0.688]	[0.854]	[0.936]
Score	2.47	3.86	4.11	2.60	1.48	0.78	0.42
	[0.480]	[0.277]	[0.249]	[0.457]	[0.686]	[0.853]	[0.936]
Likelihood ratio	2.47	4.22	4.02	2.64	1.45	0.78	0.41
	[0.480]	[0.238]	[0.259]	[0.451]	[0.692]	[0.854]	[0.937]
Wald	2.44	3.59	4.00	2.48	1.47	0.77	0.42
	[0.485]	[0.308]	[0.261]	[0.478]	[0.688]	[0.854]	[0.936]
PANEL B							
Dep. variable	S8	S9	S10	S11	S12	S13	S14
Wolfe Gould	0.41	3.61	0.23	4.16	1.42	0.01	2.98
	[0.938]	[0.306]	[0.969]	[0.244]	[0.700]	[0.999]	[0.394]
Brant	0.41	2.82	0.25	4.29	1.31	0.01	2.59
	[0.937]	[0.420]	[0.969]	[0.231]	[0.726]	[0.999]	[0.459]
Score	0.41	3.04	0.25	4.56	1.53	0.01	2.73
	[0.937]	[0.384]	[0.969]	[0.207]	[0.673]	[0.999]	[0.434]
Likelihood ratio	0.40	3.47	0.25	4.13	1.42	0.01	2.86
	[0.939]	[0.325]	[0.969]	[0.247]	[0.700]	[0.999]	[0.413]
Wald	0.41	2.82	0.25	4.29	1.31	0.01	2.59
	[0.937]	[0.420]	[0.969]	[0.231]	[0.726]	[0.999]	[0.459]
PANEL C							
Dep. variable	S15	S16	S17	S18	S19	S20	S21
Wolfe Gould	3.10	1.50	2.74	2.84	4.56	0.30	1.69
	[0.376]	[0.681]	[0.434]	[0.417]	[0.206]	[0.959]	[0.638]
Brant	3.02	1.52	2.45	2.39	4.53	0.30	1.63
	[0.388]	[0.678]	[0.485]	[0.495]	[0.210]	[0.959]	[0.652]
Score	3.09	1.52	2.55	2.67	4.66	0.30	1.70
	[0.378]	[0.676]	[0.466]	[0.444]	[0.198]	[0.959]	[0.636]
Likelihood ratio	3.10	1.50	2.72	2.81	4.55	0.30	1.69
	[0.376]	[0.681]	[0.437]	[0.422]	[0.207]	[0.959]	[0.639]
Wald	3.02	1.52	2.45	2.39	4.53	0.30	1.63
	[0.388]	[0.678]	[0.485]	[0.495]	[0.210]	[0.959]	[0.652]
PANEL D							
Dep. variable	Economic	Environ.	Social	Global			
Wolfe Gould	2.22	6.77	4.29	3.78			
	[0.528]	[0.079]	[0.231]	[0.286]			
Brant	2.20	6.77	4.29	3.78			
	[0.531]	[0.079]	[0.231]	[0.286]			
Score	2.25	6.77	4.29	3.78			
	[0.522]	[0.079]	[0.231]	[0.286]			
Likelihood ratio	2.22	6.77	4.29	3.78			
	[0.528]	[0.079]	[0.231]	[0.286]			
Wald	2.20	6.77	4.29	3.78			
	[0.531]	[0.079]	[0.231]	[0.286]			

Note: p-values in brackets. The tests compare the standard ordered logit with a generalized ordered logit model (Williams, 2006) that relaxes the parallel regression assumption. The tests reported are different versions of likelihood-ratio tests. The null hypothesis is that there are no differences (i.e., the parallel regression assumption in the standard ordered logit regression is valid).

Table A8. First-difference estimation of students' beliefs on personal characteristics

PANEL A	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Dep. variable	S1	S2	S3	S4	S5	S6	S7
Year: 2020	-0.234	-0.103	-0.572***	-0.100	-0.553**	-0.259	-0.195
	(0.246)	(0.242)	(0.201)	(0.230)	(0.257)	(0.209)	(0.215)
Year: 2021	-0.303	0.063	-0.370	-0.406	-0.454	-0.097	0.155
	(0.237)	(0.220)	(0.243)	(0.284)	(0.294)	(0.295)	(0.244)
Resident in LPGC	0.322	0.460**	0.200	-0.146	0.427*	0.442**	-0.242
	(0.216)	(0.202)	(0.179)	(0.217)	(0.224)	(0.214)	(0.197)
Never went on a cruise	0.421	0.091	0.525*	0.374	-0.400	0.092	-0.358
	(0.300)	(0.253)	(0.273)	(0.321)	(0.303)	(0.294)	(0.256)
Knows someone in the industry	0.216	0.240	0.371*	0.324	-0.319	0.234	0.228
	(0.228)	(0.216)	(0.211)	(0.237)	(0.240)	(0.224)	(0.228)
Female	-0.229	0.081	0.014	-0.227	0.093	-0.309	-0.302
	(0.228)	(0.208)	(0.184)	(0.256)	(0.224)	(0.246)	(0.230)
Household size	0.214*	0.050	-0.035	0.125	0.171	0.024	-0.099
	(0.118)	(0.101)	(0.100)	(0.119)	(0.113)	(0.093)	(0.091)
Medium income	-0.253	-0.055	-0.003	-0.100	0.151	-0.040	0.011
	(0.211)	(0.211)	(0.211)	(0.234)	(0.270)	(0.237)	(0.220)
High income	-0.475	0.045	-0.114	-0.280	-0.455	-0.312	-0.043
	(0.312)	(0.291)	(0.237)	(0.300)	(0.286)	(0.269)	(0.256)
Constant	-0.976	-0.308	-0.044	-0.408	0.522	-0.308	1.331**
	(0.638)	(0.563)	(0.551)	(0.635)	(0.517)	(0.528)	(0.583)
Observations	141	141	141	141	141	141	141
PANEL B							
Dep. variable	S8	S9	S10	S11	S12	S13	S14
Year: 2020	0.207	0.363	0.131	0.268	-0.328	-0.372**	0.021
	(0.210)	(0.233)	(0.225)	(0.229)	(0.202)	(0.173)	(0.213)
Year: 2021	0.157	0.019	-0.054	0.032	-0.297	-0.066	0.062
	(0.198)	(0.220)	(0.220)	(0.236)	(0.199)	(0.184)	(0.237)
Resident in LPGC	0.228	-0.042	-0.158	0.356*	0.048	0.155	0.228
	(0.184)	(0.188)	(0.198)	(0.203)	(0.168)	(0.161)	(0.181)
Never went on a cruise	-0.241	-0.372	-0.043	-0.115	-0.191	-0.210	-0.069
	(0.239)	(0.283)	(0.231)	(0.265)	(0.223)	(0.191)	(0.272)
Knows someone in the industry	-0.090	0.064	-0.026	-0.018	-0.001	-0.176	0.091
	(0.195)	(0.204)	(0.192)	(0.203)	(0.197)	(0.169)	(0.215)
Female	0.175	0.190	-0.281	0.161	-0.162	-0.104	-0.207
	(0.190)	(0.231)	(0.204)	(0.204)	(0.160)	(0.158)	(0.208)
Household size	0.138	-0.096	-0.133	0.145	0.132	0.092	0.065
	(0.094)	(0.105)	(0.085)	(0.089)	(0.094)	(0.073)	(0.090)
Medium income	0.343*	-0.002	-0.054	-0.159	-0.286	-0.270*	0.046
	(0.191)	(0.224)	(0.210)	(0.215)	(0.175)	(0.158)	(0.218)
High income	-0.305	0.068	-0.176	-0.254	-0.233	-0.232	0.035
	(0.237)	(0.243)	(0.233)	(0.250)	(0.230)	(0.206)	(0.264)
Constant	-0.252	0.769	0.990**	-0.352	-0.043	0.107	-0.469
	(0.459)	(0.602)	(0.482)	(0.528)	(0.456)	(0.426)	(0.488)
Observations	141	141	141	141	141	141	141
PANEL C							
Dep. variable	S15	S16	S17	S18	S19	S20	S21
Year: 2020	-0.216	-0.190	-0.223	0.026	-0.016	0.057	-0.061
	(0.207)	(0.259)	(0.277)	(0.226)	(0.190)	(0.183)	(0.203)
Year: 2021	-0.146	-0.147	0.293	0.175	-0.039	-0.138	0.032

	(0.225)	(0.257)	(0.247)	(0.267)	(0.243)	(0.188)	(0.214)
Resident in LPGC	-0.007	0.156	0.163	-0.019	0.089	0.143	0.097
	(0.182)	(0.242)	(0.230)	(0.214)	(0.195)	(0.165)	(0.167)
Never went on a cruise	0.039	-0.064	0.243	-0.173	0.008	0.019	0.281
	(0.249)	(0.311)	(0.303)	(0.247)	(0.224)	(0.253)	(0.231)
Knows someone in the industry	-0.118	-0.296	0.016	0.040	0.276	-0.052	0.130
	(0.210)	(0.220)	(0.226)	(0.227)	(0.198)	(0.174)	(0.188)
Female	-0.043	-0.205	-0.039	-0.296	0.007	-0.039	-0.151
	(0.189)	(0.237)	(0.264)	(0.232)	(0.194)	(0.184)	(0.170)
Household size	0.262***	0.080	0.083	0.086	0.173*	0.011	0.088
	(0.074)	(0.117)	(0.111)	(0.093)	(0.095)	(0.078)	(0.101)
Medium income	0.003	0.578**	0.372	0.006	-0.462**	0.044	-0.070
	(0.189)	(0.243)	(0.239)	(0.233)	(0.202)	(0.166)	(0.203)
High income	-0.011	-0.074	-0.141	-0.051	-0.138	0.057	0.053
	(0.234)	(0.288)	(0.322)	(0.253)	(0.235)	(0.208)	(0.214)
Constant	-0.656	0.372	-0.238	0.156	-0.811	0.276	-0.402
	(0.443)	(0.719)	(0.660)	(0.582)	(0.567)	(0.491)	(0.493)
Observations	141	141	141	141	141	141	141

PANEL D

Dep. variable	Economic	Environ.	Social	Global
Year: 2020	-0.255	-0.632***	-0.201	-0.333*
	(0.208)	(0.209)	(0.172)	(0.170)
Year: 2021	-0.357*	-0.440*	-0.209	0.070
	(0.186)	(0.225)	(0.182)	(0.167)
Resident in LPGC	0.048	0.015	-0.096	-0.010
	(0.173)	(0.187)	(0.155)	(0.143)
Never went on a cruise	-0.004	-0.030	0.033	-0.236
	(0.218)	(0.200)	(0.211)	(0.215)
Knows someone in the industry	0.006	0.225	-0.050	0.254
	(0.180)	(0.205)	(0.176)	(0.159)
Female	-0.218	-0.190	-0.344**	-0.331**
	(0.173)	(0.205)	(0.169)	(0.160)
Household size	0.114	0.017	0.032	0.069
	(0.092)	(0.080)	(0.078)	(0.081)
Medium income	-0.284	0.143	-0.133	-0.214
	(0.202)	(0.212)	(0.158)	(0.146)
High income	-0.365*	0.205	0.027	0.025
	(0.201)	(0.208)	(0.207)	(0.204)
Constant	0.018	0.307	0.191	0.385
	(0.508)	(0.453)	(0.428)	(0.425)
Observations	141	141	141	141

Robust standard errors in parentheses. *** p<0.01, ** p<0.05, * p<0.1
Note: dependent variable is belief change. It takes values between -4 and 4. Positive values indicate a change towards agreement with the statement.

Table A9. Estimation results for CUB (0,0) model (constant parameters)

		Original parameters (β_0)	Logit transformed estimates (π)
		Coef.	Coef.
S1	Uncertainty	1.823***	0.860***
	Feeling	-1.407***	0.196***
S3	Uncertainty	2.603***	0.931***
	Feeling	-0.562***	0.363***
S5	Uncertainty	0.837**	0.697***
	Feeling	-0.124	0.469***
S6	Uncertainty	1.408***	0.803***
	Feeling	-0.558***	0.364***
S11	Uncertainty	3.678	0.975***
	Feeling	-0.101	0.474***
S14	Uncertainty	2.512***	0.925***
	Feeling	-1.079***	0.252***
S15	Uncertainty	1.730***	0.849***
	Feeling	-0.137*	0.465***
S16	Uncertainty	0.270	0.567***
	Feeling	-0.263**	0.434***
S17	Uncertainty	1.643***	0.838***
	Feeling	-0.350***	0.413***
S18	Uncertainty	1.722***	0.848***
	Feeling	-0.602***	0.353***
S20	Uncertainty	1.754***	0.852***
	Feeling	-0.780***	0.314***

*** p<0.01, ** p<0.05, * p<0.1

Note: the table reports the estimates for the constant terms in the uncertainty and feeling components under a CUB (0,0) model. The logit-transformed estimates are obtained as $\pi = \frac{1}{1+e^{-\beta_0}}$. The estimates for statements 2, 4, 7, 8, 9, 10, 12, 14, 19 and 21 are not reported due to convergence problems. See Cerulli et al. (2020) for details.

**Table A10.** Estimation results for CUB model with covariates

			Coef.
	Uncertainty	d_2020	-0.943
	Uncertainty	d_2021	-0.902
S1		constant	2.516**
	Feeling	d_2020	-0.165
		d_2021	-0.101
		constant	-1.316***
	Uncertainty	d_2020	0.248
	Uncertainty	d_2021	11.250
S3		constant	2.118**
	Feeling	d_2020	-0.179
		d_2021	-0.035
		constant	-0.492***
	Uncertainty	d_2020	2.634
	Uncertainty	d_2021	1.340
S5		constant	0.034
	Feeling	d_2020	0.307
		d_2021	-0.413
		constant	-0.156
	Uncertainty	d_2020	-2.314
	Uncertainty	d_2021	-2.513
S6		constant	3.332
	Feeling	d_2020	-0.430**
		d_2021	-0.573**
		constant	-0.293***
	Uncertainty	d_2020	1.779
	Uncertainty	d_2021	-1.613
S14		constant	2.925**
	Feeling	d_2020	0.149
		d_2021	-0.254
		constant	-1.089***
	Uncertainty	d_2020	1.545
	Uncertainty	d_2021	13.878
S15		constant	0.773
	Feeling	d_2020	-0.446**
		d_2021	-0.296
		constant	0.119
	Uncertainty	d_2020	-2.029*
	Uncertainty	d_2021	-0.394
S16		constant	1.194
	Feeling	d_2020	0.268
		d_2021	-0.007
		constant	-0.318**
	Uncertainty	d_2020	-0.595
	Uncertainty	d_2021	1.155
S17		constant	1.646*
	Feeling	d_2020	0.336*
		d_2021	0.155
		constant	-0.508***
	Uncertainty	d_2020	-1.196
	Uncertainty	d_2021	-1.340
S18		constant	2.884**
	Feeling	d_2020	0.639***
		d_2021	0.423**
		constant	-0.922***
S20	Uncertainty	d_2020	2.154

Uncertainty	d_2021	0.344
	constant	1.350**
Feeling	d_2020	0.435**
	d_2021	-0.204
	constant	-0.910***

*** p<0.01, ** p<0.05, * p<0.1

Note: the table reports the estimates for a CUB model with covariates. The estimates for statements 2, 4, 7, 8, 9, 10, 11, 12, 14, 19 and 21 are not reported due to convergence problems. See Cerulli et al. (2020) for details.

Figure A6. Fitted versus actual probabilities (sample frequencies) for selected statements

S16

S17

S18

S20
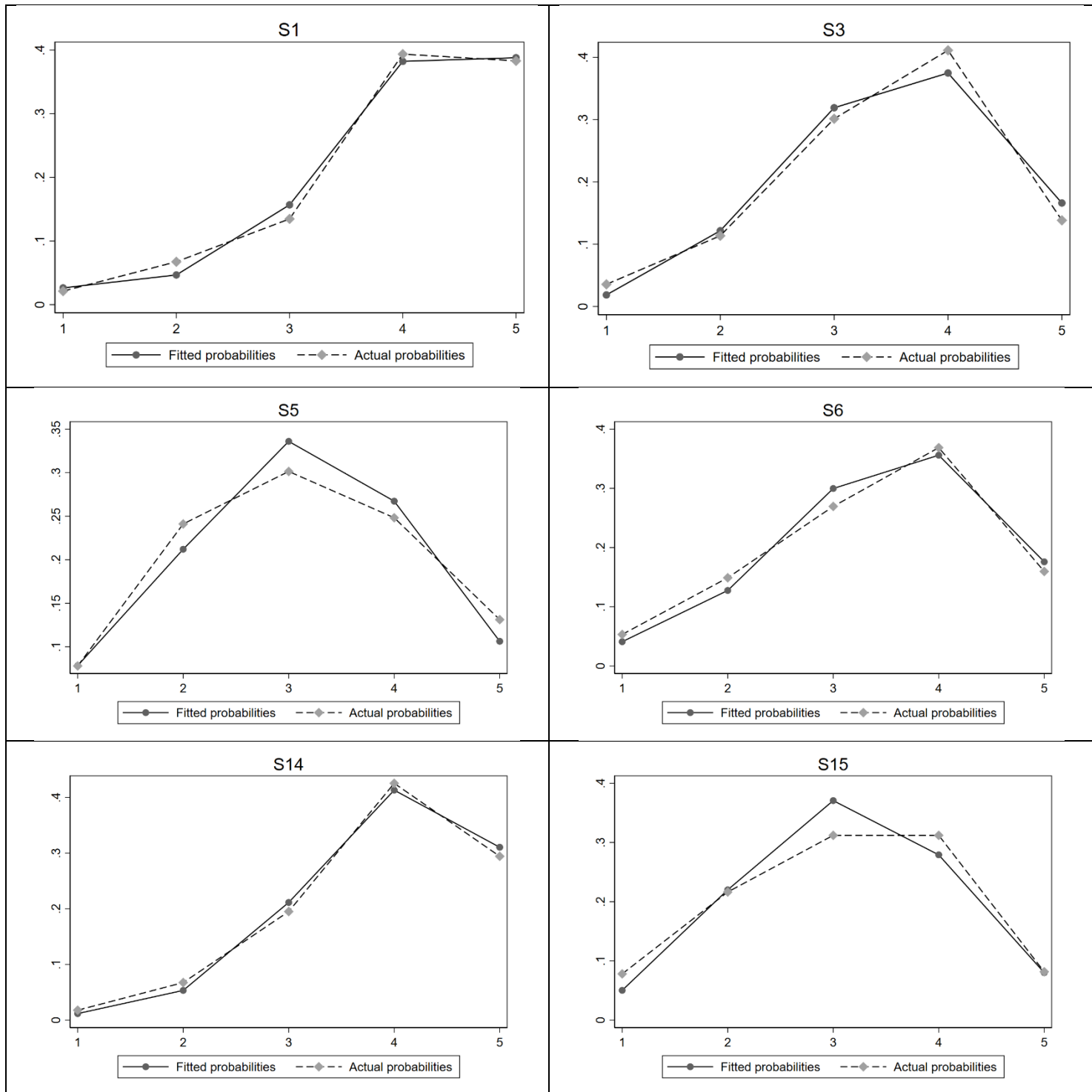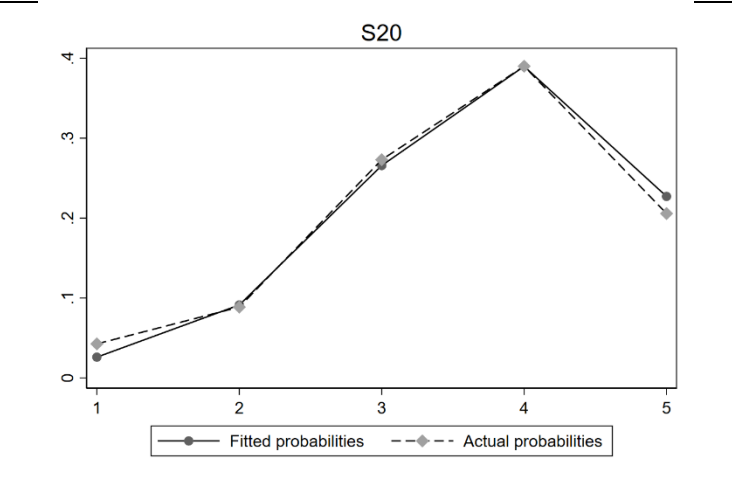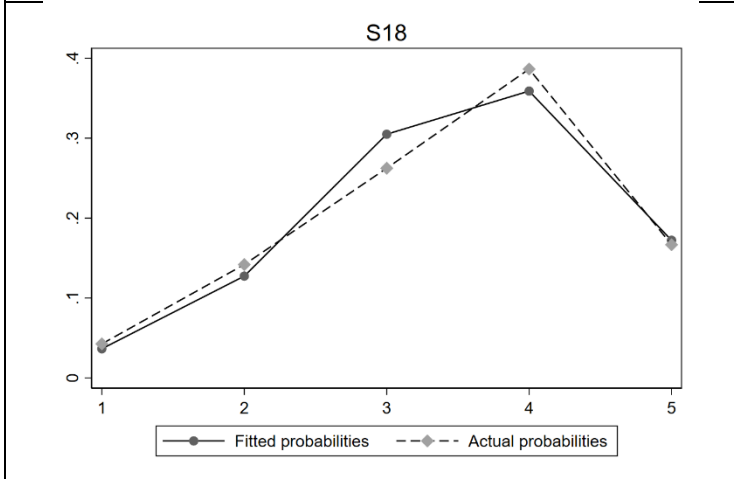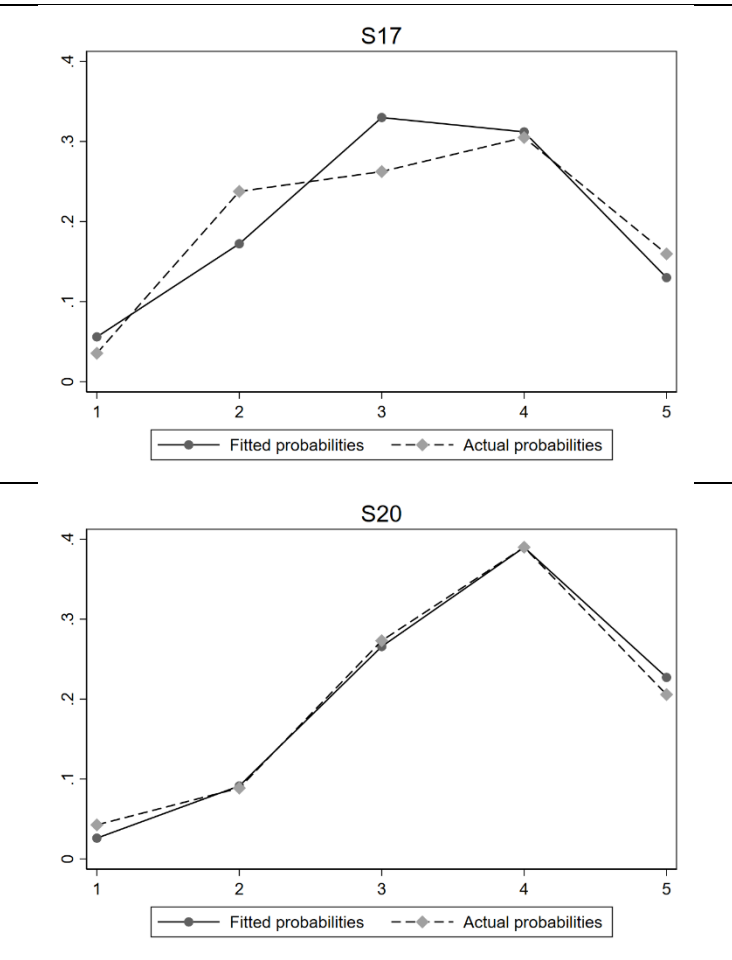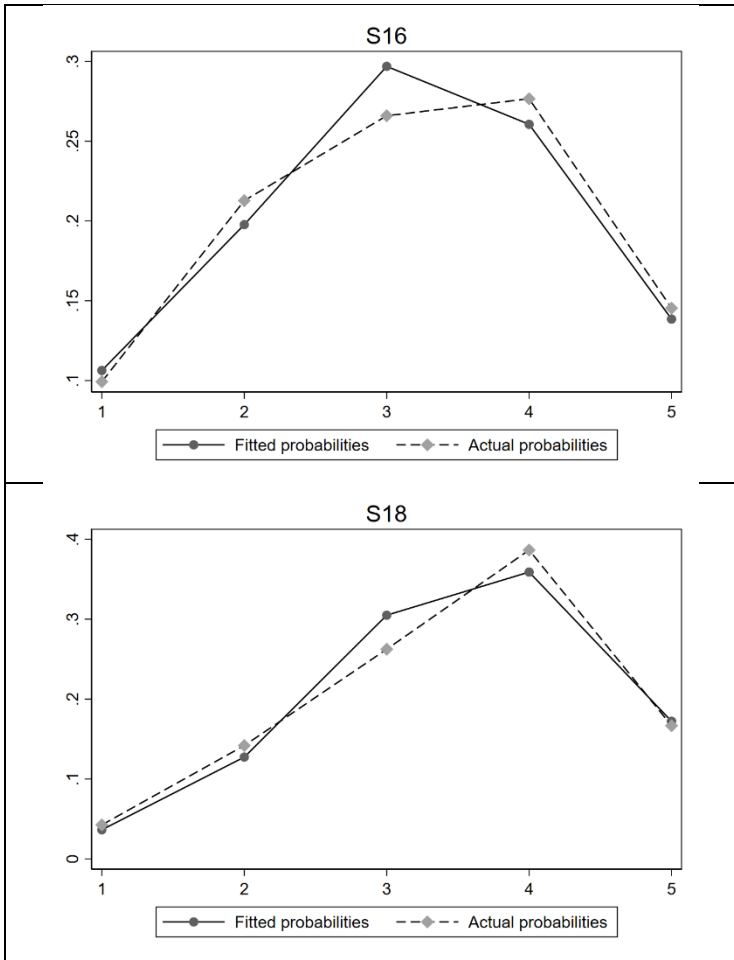
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