

„Don't look up": trust and COVID-19 immunization choices.

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Appendix

Table A.1: Determinants of COVID-19 vaccine hesitancy

Variables		(1) Vaccine hesitancy: all reasons	(2) Vaccine hesitancy: fear	(3) Vaccine hesitancy: other reasons
Trust	... in news media	-0.023*** (0.003)	-0.016*** (0.003)	-0.016*** (0.002)
	... in police	-0.003 (0.002)	-0.002 (0.002)	-0.006* (0.003)
	... in government	-0.007** (0.003)	-0.007*** (0.001)	-0.000 (0.003)
	... in EU	-0.010*** (0.003)	-0.005** (0.002)	-0.010*** (0.002)
	... in healthcare system	-0.008*** (0.002)	-0.004** (0.001)	-0.011*** (0.004)
	... in social media	0.020*** (0.003)	0.016*** (0.003)	0.012*** (0.004)
	... in science	-0.031*** (0.005)	-0.025*** (0.007)	-0.016*** (0.005)
	... in pharmaceutical firms	-0.029*** (0.003)	-0.022*** (0.003)	-0.016*** (0.003)
	... in people	0.008*** (0.001)	0.005** (0.002)	0.008*** (0.002)
Main source of information	TV	ref	ref	ref
	Press	-0.007 (0.018)	0.001 (0.012)	-0.011 (0.015)
	Radio	0.008 (0.024)	0.010 (0.013)	0.002 (0.018)
	Social media	0.058** (0.028)	0.011 (0.032)	0.057*** (0.020)
	Other media	0.112*** (0.029)	0.074*** (0.026)	0.101*** (0.027)
	Female	-0.015* (0.007)	-0.008 (0.008)	-0.041*** (0.007)
Age	18 - 29	0.047* (0.027)	0.046 (0.035)	0.082*** (0.025)
	30 - 49	0.060** (0.023)	0.041* (0.022)	0.068*** (0.022)
	50 - 64	0.027 (0.016)	0.016 (0.018)	0.012 (0.017)
	65+	ref	ref	ref
Region	The open countryside	0.105*** (0.022)	0.080*** (0.025)	0.044** (0.016)
	A village/small town	0.046*** (0.010)	0.037*** (0.005)	0.031** (0.014)
	A medium to large town	0.027 (0.017)	0.019 (0.020)	0.007 (0.006)
	A city or city suburb	ref	ref	ref
Household's ability to make ends meet	With great difficulty	ref	ref	ref
	With difficulty	-0.044** (0.018)	-0.046** (0.022)	-0.018 (0.016)
	With some difficulty	-0.041* (0.024)	-0.056** (0.027)	0.016 (0.019)
	Fairly easily	-0.036* (0.021)	-0.064*** (0.021)	0.022 (0.015)
	Easily	-0.068*** (0.024)	-0.088*** (0.027)	0.010 (0.014)
	Very easily	-0.050** (0.021)	-0.089*** (0.028)	0.015 (0.015)
Employment status	Employee	ref	ref	ref
	Self-employed	0.018 (0.014)	-0.028** (0.013)	0.035*** (0.012)
	Unemployed	0.025 (0.022)	0.017 (0.018)	0.024 (0.018)
	Retired	-0.014 (0.030)	-0.007 (0.026)	-0.018 (0.025)
	Other	0.005 (0.028)	-0.008 (0.020)	-0.011 (0.020)
Edu- cation	Primary	ref	ref	ref
	Secondary	0.021 (0.032)	0.042** (0.018)	0.009 (0.018)
	Tertiary	-0.002 (0.029)	0.030* (0.016)	-0.005 (0.016)
COVID-19	Tested positive	0.025*** (0.006)	0.029 (0.018)	0.009 (0.019)
	Someone close to you tested positive	-0.013 (0.011)	0.001 (0.009)	-0.017** (0.007)
	Someone close to you died	-0.019 (0.016)	-0.032** (0.013)	-0.004 (0.014)
	Someone close to you died from another cause	0.052*** (0.011)	0.036** (0.014)	0.047*** (0.008)
Self-perceived health	Very good	ref	ref	ref
	Good	-0.081*** (0.006)	-0.041*** (0.006)	-0.065*** (0.009)
	Fair	-0.119*** (0.012)	-0.056*** (0.013)	-0.117*** (0.017)
	Bad	-0.093*** (0.029)	-0.001 (0.038)	-0.136*** (0.029)
	Very bad	-0.076 (0.047)	-0.012 (0.076)	-0.132*** (0.042)
N		35,757	35,757	35,757
R ²		0.3752	0.2557	0.2775

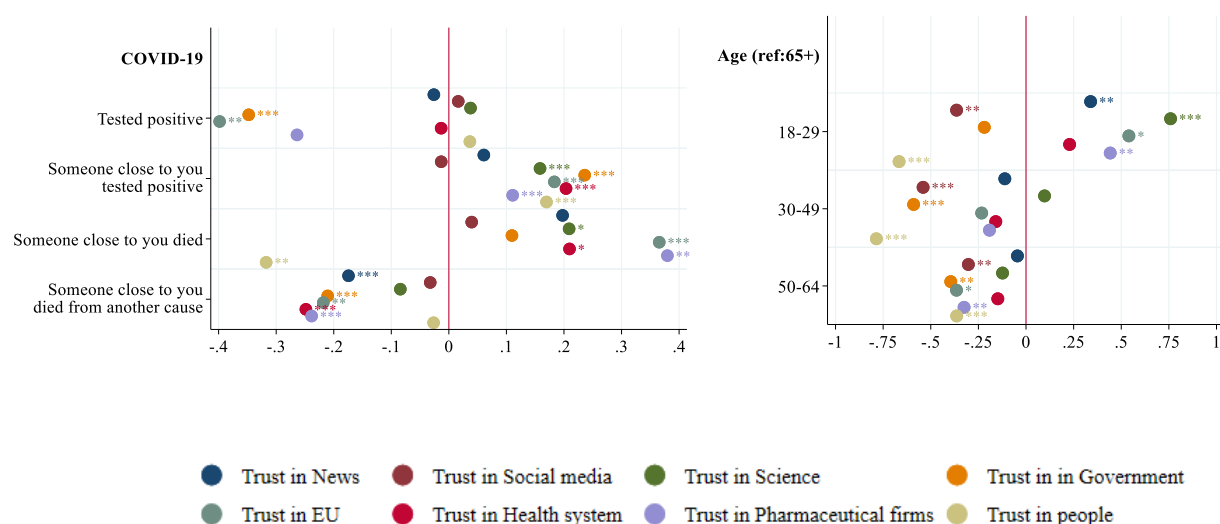
Note: The table reports estimates of eq.1 for the displayed variables. Weekly and country fixed effects are included. Clustered standard errors at the country level in are parentheses, * p < 0.1, ** p < 0.05, *** p < 0.01

Table A.2: Determinants of COVID-19 vaccine hesitancy: trust categories

Variables		(1) Vaccine hesitancy: all reasons	(2) Vaccine hesitancy: fear	(3) Vaccine hesitancy: other reasons
Trust	High in Science only	-0.015 (0.020)	-0.022 (0.015)	0.001 (0.021)
	High in Social Media only	0.098*** (0.018)	0.067*** (0.022)	0.066*** (0.012)
	Low in both	0.163*** (0.026)	0.117*** (0.025)	0.103*** (0.017)
	High in both	ref	ref	ref
N		35,757	35,757	35,757
R ²		0.2397	0.1649	0.1758

Note: The table reports estimates of eq.1 for the trust categories. Weekly and country fixed effects are included. Clustered standard errors at the country level in are parentheses, * p < 0.1, ** p < 0.05, *** p < 0.01

Figure A.1: Determinants of trust: Age and COVID-19 related health experiences



Note: The figure reports the estimates for covid-19 variables and age of equation 2. The full estimation results are available in Table A.3 in Appendix. * p < 0.1, ** p < 0.05, *** p < 0.01

Table A.3: Determinants of trust formation

	Trust in ...	(1) News	(2) Science	(3) Government	(4) EU	(5) Health system	(6) Pharma	(7) Social media	(8) People
Main source of information. Ref: TV	Press	-0.120 (0.075)	0.328*** (0.108)	-0.093 (0.164)	0.410*** (0.135)	-0.003 (0.083)	-0.011 (0.084)	-0.236*** (0.057)	0.212*** (0.061)
	Radio	-0.176 (0.105)	0.157 (0.151)	-0.304** (0.127)	0.185 (0.109)	0.007 (0.127)	-0.101 (0.175)	-0.321*** (0.077)	0.336*** (0.083)
	Social media	-1.348*** (0.281)	-0.570*** (0.204)	-1.102*** (0.341)	-0.748*** (0.221)	-0.712*** (0.109)	-0.766*** (0.195)	0.538*** (0.069)	-0.008 (0.109)
	Other media	-2.321*** (0.240)	-0.902*** (0.268)	-1.597*** (0.357)	-1.372*** (0.236)	-1.453*** (0.131)	-1.595*** (0.190)	-0.844*** (0.123)	-0.354** (0.145)
	Female	0.131** (0.058)	-0.033 (0.062)	0.143** (0.058)	0.156 (0.092)	-0.129** (0.065)	0.072 (0.053)	0.073* (0.042)	0.055 (0.076)
Age. Ref: 65+	18 - 29	0.323* (0.162)	0.761** (0.277)	-0.213 (0.289)	0.543* (0.277)	0.227 (0.154)	0.439** (0.178)	-0.369** (0.168)	-0.691*** (0.135)
	30 - 49	-0.085 (0.097)	0.099 (0.170)	-0.575** (0.211)	-0.214 (0.268)	-0.166 (0.138)	-0.196 (0.160)	-0.555*** (0.150)	-0.812*** (0.114)
	50 – 64	-0.048 (0.097)	-0.114 (0.135)	-0.396** (0.145)	-0.361* (0.188)	-0.158 (0.121)	-0.331** (0.124)	-0.314** (0.117)	-0.389*** (0.083)
Region. Ref: A city or city suburb	The open countryside	-0.499*** (0.166)	-0.471*** (0.088)	-0.484** (0.189)	-0.883*** (0.196)	-0.258** (0.126)	-0.262* (0.136)	-0.168 (0.107)	-0.013 (0.184)
	A village/small town	-0.350*** (0.086)	-0.341*** (0.080)	-0.243** (0.116)	-0.416*** (0.091)	-0.160** (0.078)	-0.109 (0.071)	0.015 (0.063)	-0.093 (0.100)
	A medium to large town	-0.273*** (0.065)	-0.208* (0.103)	-0.218** (0.092)	-0.374*** (0.086)	-0.076 (0.081)	-0.024 (0.099)	-0.040 (0.073)	-0.038 (0.142)
Household's ability to make ends meet. Ref: With great difficulty	With difficulty	0.213** (0.103)	0.265* (0.146)	0.334** (0.130)	0.233 (0.140)	0.313** (0.151)	0.022 (0.190)	0.217*** (0.060)	0.258 (0.172)
	With some difficulty	0.512*** (0.137)	0.358** (0.134)	0.750*** (0.162)	0.558** (0.242)	0.495*** (0.135)	0.395** (0.151)	0.375*** (0.114)	0.554*** (0.150)
	Fairly easily	0.743*** (0.121)	0.811*** (0.120)	1.163*** (0.113)	1.059*** (0.173)	0.787*** (0.131)	0.781*** (0.171)	0.566*** (0.070)	0.647*** (0.107)
	Easily	1.077*** (0.211)	1.094*** (0.160)	1.507*** (0.243)	1.388*** (0.305)	1.140*** (0.140)	1.025*** (0.233)	0.611*** (0.129)	0.951*** (0.155)
	Very easily	1.281*** (0.153)	1.349*** (0.217)	1.813*** (0.236)	1.804*** (0.347)	1.329*** (0.155)	1.434*** (0.237)	0.618*** (0.053)	1.055*** (0.108)

	Trust in ...	(1) News	(2) Science	(3) Government	(4) EU	(5) Health system	(6) Pharma	(7) Social media	(8) People
Employment status	Self-employed	-0.376** (0.156)	-0.187 (0.190)	-0.379 (0.262)	-0.160 (0.215)	-0.539*** (0.143)	-0.272 (0.172)	-0.190* (0.110)	0.042 (0.135)
	Unemployed	-0.001 (0.078)	-0.077 (0.119)	0.031 (0.115)	0.058 (0.174)	-0.056 (0.124)	0.182** (0.079)	0.340*** (0.098)	-0.270*** (0.074)
	Retired	-0.005 (0.149)	0.006 (0.154)	0.062 (0.173)	0.044 (0.206)	0.115 (0.124)	0.091 (0.171)	-0.023 (0.139)	-0.260** (0.115)
	Other	0.531*** (0.114)	0.256* (0.129)	0.223 (0.178)	0.459*** (0.112)	0.347*** (0.118)	0.539*** (0.116)	0.410*** (0.121)	0.035 (0.165)
Educa- tion. Ref: Primary	Secondary	0.052 (0.144)	0.018 (0.139)	0.033 (0.180)	0.234 (0.277)	-0.330* (0.185)	-0.221 (0.192)	0.017 (0.174)	-0.208* (0.117)
	Tertiary	0.310* (0.156)	0.450** (0.209)	0.359*** (0.119)	0.545** (0.250)	-0.099 (0.181)	0.068 (0.125)	0.084 (0.174)	0.225 (0.132)
COVID-19	Tested positive	-0.034 (0.079)	0.061 (0.111)	-0.342** (0.123)	-0.402** (0.151)	-0.013 (0.123)	-0.259 (0.207)	0.019 (0.081)	0.031 (0.091)
	Someone close to you tested positive	0.069 (0.063)	0.167*** (0.043)	0.228*** (0.066)	0.175*** (0.042)	0.191*** (0.070)	0.113*** (0.025)	-0.007 (0.057)	0.173*** (0.054)
	Someone close to you died	0.190 (0.135)	0.212* (0.116)	0.104 (0.120)	0.367*** (0.118)	0.206* (0.113)	0.367*** (0.055)	0.033 (0.163)	-0.294** (0.141)
	Someone close to you died from another cause	-0.190*** (0.048)	-0.091 (0.091)	-0.220*** (0.074)	-0.219** (0.082)	-0.265*** (0.077)	-0.246*** (0.075)	-0.054 (0.048)	-0.034 (0.039)
Self-perceived health. Ref: Very good	Good	0.209* (0.110)	0.101 (0.103)	0.024 (0.127)	0.043 (0.080)	0.070 (0.103)	0.220* (0.116)	0.040 (0.099)	-0.454*** (0.091)
	Fair	0.123 (0.097)	0.035 (0.151)	-0.096 (0.106)	-0.030 (0.115)	-0.134 (0.112)	0.072 (0.130)	0.025 (0.120)	-0.827*** (0.079)
	Bad	-0.014 (0.102)	-0.102 (0.193)	-0.384** (0.154)	-0.044 (0.111)	-0.551*** (0.167)	-0.304*** (0.077)	-0.087 (0.074)	-1.187*** (0.100)
	Very bad	-0.480* (0.257)	-0.929* (0.508)	-0.514*** (0.141)	-0.755*** (0.161)	-0.847** (0.339)	-0.003 (0.530)	0.097 (0.319)	-1.977*** (0.249)
N		35,757	35,757	35,757	35,757	35,757	35,757	35,757	35,757
R ²		.267513	.2412664	.2572626	.2476238	.2716156	.2015285	.0948095	.1353786

Note: The table reports estimates of eq.2. Country and week fixed effects are included. Clustered standard errors at the country level in are parentheses, * p < 0.1, ** p < 0.05, *** p < 0.01

Table A.4: The effect of AstraZeneca temporary suspension

		(1) Vaccine hesitancy: all	(2) Vaccine hesitancy: fear	(3) Vaccine hesitancy: other reasons
Week:				
	12-18.02	-0.026* (0.013)	-0.014* (0.008)	-0.015 (0.021)
	19-25.02	-0.004 (0.010)	-0.002 (0.009)	-0.002 (0.014)
	26.02-04.03	0.009 (0.012)	-0.004 (0.010)	0.002 (0.018)
	5-11.03	Ref.	Ref.	Ref.
	12-18.03	0.043** (0.020)	0.049*** (0.014)	0.011 (0.022)
	19-25.03	0.004 (0.022)	-0.010 (0.024)	0.009 (0.018)
	26.03-01.04	-0.011 (0.020)	-0.040 (0.038)	0.000 (0.037)
N		35,757	35,757	35,757
R ²		0.3752	0.2557	0.2775

Note: The table reports estimates of the variable week of eq.1. Country fixed effects are included. Clustered standard errors at the country level in are parentheses, * p < 0.1, ** p < 0.05, *** p < 0.01

Table A.5: The effect of AstraZeneca temporary suspension: trust in Science

Trust in Science : full sample	(1) Vaccine hesitancy: all	(2) Vaccine hesitancy: fear	(3) Vaccine hesitancy: other reasons
12-18.02 # low trust	-0.127*** (0.022)	-0.091*** (0.024)	-0.064** (0.026)
19-25.02 # low trust	0.001 (0.017)	0.012 (0.024)	-0.053* (0.027)
26.02-04.03 # low trust	-0.062** (0.026)	-0.055 (0.034)	-0.036 (0.029)
5-11.03 # low trust	Ref	Ref	Ref
12-18.03 # low trust	0.083*** (0.027)	0.094*** (0.030)	0.002 (0.032)
19-25.03 # low trust	0.070 (0.081)	0.028 (0.058)	0.052 (0.070)
26.03-01.04 # low trust	0.011 (0.050)	0.026 (0.078)	-0.020 (0.070)
12-18.02 # high trust	-0.063** (0.029)	-0.043* (0.023)	-0.050* (0.029)
19-25.02 # high trust	-0.059*** (0.019)	-0.048*** (0.015)	-0.015 (0.025)
26.02-04.03 # high trust	0.018 (0.017)	0.007 (0.012)	0.007 (0.024)
5-11.03 # high trust	Ref	Ref	Ref
12-18.03 # high trust	0.012 (0.020)	0.013 (0.013)	0.011 (0.022)
19-25.03 # high trust	-0.040 (0.024)	-0.032** (0.014)	-0.022 (0.019)
26.03-01.04 # high trust	-0.029 (0.037)	-0.062** (0.024)	0.000 (0.039)
N	35,757	35,757	35,757

Note: The table reports estimates as in eq.1 of the variable week interacted with the level of trust in science. Country fixed effects are included. Clustered standard errors at the country level in are parentheses, * p < 0.1, ** p < 0.05, *** p < 0.01

Table A.6: The effect of AstraZeneca temporary suspension: heterogeneity analysis

Trust in Science: Gender	Female			Male		
	(1) all	(2) fear	(3) other	(4) all	(5) fear	(6) other
12-18.02 # low trust	-0.092** (0.037)	-0.062 (0.042)	-0.056** (0.024)	-0.153** (0.056)	-0.110* (0.063)	-0.066* (0.035)
19-25.02 # low trust	0.037 (0.027)	0.041 (0.034)	-0.053* (0.030)	-0.036 (0.042)	-0.019 (0.037)	-0.046 (0.036)
26.02-04.03 # low trust	-0.059 (0.046)	-0.026 (0.035)	-0.086** (0.033)	-0.053 (0.033)	-0.082 (0.058)	0.037 (0.036)
5-11.03 # low trust	Ref	Ref	Ref	Ref	Ref	Ref
12-18.03 # low trust	0.118*** (0.032)	0.137*** (0.036)	-0.007 (0.023)	0.048 (0.031)	0.052 (0.033)	0.010 (0.068)
19-25.03 # low trust	0.109 (0.075)	0.066 (0.064)	0.090 (0.059)	0.050 (0.102)	0.015 (0.098)	0.027 (0.093)
26.03-01.04 # low trust	-0.001 (0.036)	-0.072 (0.108)	0.041 (0.053)	0.012 (0.069)	0.109 (0.088)	-0.075 (0.096)
12-18.02 # high trust	-0.067** (0.026)	-0.056** (0.023)	-0.024 (0.020)	-0.059 (0.051)	-0.028 (0.042)	-0.079* (0.044)
19-25.02 # high trust	-0.055*** (0.014)	-0.046*** (0.012)	0.011 (0.027)	-0.062 (0.036)	-0.050 (0.030)	-0.045 (0.029)
26.02-04.03 # high trust	0.014 (0.029)	-0.014 (0.025)	0.039 (0.023)	0.024 (0.037)	0.031 (0.033)	-0.033 (0.030)
5-11.03 # high trust	Ref	Ref	Ref	Ref	Ref	Ref
12-18.03 # high trust	-0.026 (0.020)	0.000 (0.026)	0.001 (0.022)	0.048* (0.025)	0.021 (0.019)	0.020 (0.033)
19-25.03 # high trust	-0.061* (0.030)	-0.053*** (0.018)	-0.022 (0.018)	-0.025 (0.026)	-0.020 (0.021)	-0.029 (0.030)
26.03-01.04 # high trust	-0.040 (0.029)	-0.092*** (0.029)	0.012 (0.039)	-0.005 (0.060)	-0.007 (0.037)	-0.015 (0.049)
N	22,455	22,455	22,455	13,302	13,302	13,302
Trust in Science: Financial difficulties	No difficulties			Difficulties		
	all	fear	other	all	fear	other
12-18.02 # low trust	-0.153*** (0.052)	-0.072 (0.047)	-0.150** (0.056)	-0.101*** (0.031)	-0.092*** (0.022)	0.007 (0.032)
19-25.02 # low trust	0.022 (0.040)	0.039 (0.061)	-0.093** (0.035)	-0.048 (0.053)	-0.019 (0.028)	-0.049 (0.070)
26.02-04.03 # low trust	-0.005 (0.071)	0.037 (0.062)	-0.101 (0.061)	-0.142** (0.053)	-0.146** (0.058)	0.003 (0.034)
5-11.03 # low trust	Ref	Ref	Ref	Ref	Ref	Ref
12-18.03 # low trust	0.113** (0.049)	0.152*** (0.047)	-0.054 (0.033)	0.049 (0.043)	0.059** (0.027)	0.031 (0.055)
19-25.03 # low trust	0.064	0.051	0.009	0.090	0.018	0.094

26.03-01.04 # low trust	(0.093) 0.054 (0.051)	(0.087) 0.147** (0.071)	(0.104) -0.088 (0.081)	(0.090) -0.047 (0.111)	(0.094) -0.073 (0.136)	(0.068) 0.015 (0.094)
12-18.02 # high trust	-0.092*** (0.027)	-0.059** (0.024)	-0.058** (0.027)	-0.030 (0.035)	-0.027 (0.028)	-0.039 (0.037)
19-25.02 # high trust	-0.103*** (0.022)	-0.066*** (0.017)	-0.051** (0.019)	-0.003 (0.034)	-0.029 (0.028)	0.034 (0.043)
26.02-04.03 # high trust	-0.025 (0.018)	-0.026** (0.010)	0.003 (0.029)	0.083*** (0.026)	0.055 (0.033)	0.015 (0.024)
5-11.03 # high trust	Ref	Ref	Ref	Ref	Ref	Ref
12-18.03 # high trust	-0.020 (0.022)	0.009 (0.024)	-0.010 (0.017)	0.048* (0.026)	0.013 (0.027)	0.037 (0.030)
19-25.03 # high trust	-0.066** (0.032)	-0.065** (0.027)	-0.036** (0.016)	-0.019 (0.025)	0.001 (0.022)	-0.007 (0.034)
26.03-01.04 # high trust	-0.061 (0.040)	-0.069*** (0.020)	-0.027 (0.040)	0.017 (0.060)	-0.053 (0.048)	0.040 (0.054)
N	20,074	20,074	20,074	15,683	15,683	15,683

Trust in Science: Health	all	Healthy fear	other	all	Sick fear	other
12-18.02 # low trust	-0.133*** (0.039)	-0.088** (0.038)	-0.138*** (0.038)	-0.139*** (0.034)	-0.108*** (0.030)	0.001 (0.039)
19-25.02 # low trust	-0.004 (0.039)	-0.008 (0.037)	-0.092** (0.036)	-0.009 (0.053)	0.025 (0.034)	-0.010 (0.052)
26.02-04.03 # low trust	-0.027 (0.060)	-0.020 (0.047)	-0.100** (0.040)	-0.119** (0.055)	-0.103* (0.051)	0.022 (0.051)
5-11.03 # low trust	Ref	Ref	Ref	Ref	Ref	Ref
12-18.03 # low trust	0.044 (0.046)	0.050 (0.040)	-0.013 (0.050)	0.131** (0.048)	0.144** (0.062)	0.022 (0.028)
19-25.03 # low trust	0.046 (0.105)	0.050 (0.072)	-0.015 (0.094)	0.109* (0.060)	0.005 (0.045)	0.140** (0.064)
26.03-01.04 # low trust	0.032 (0.042)	0.054 (0.090)	-0.080 (0.084)	-0.072 (0.094)	-0.053 (0.077)	0.020 (0.080)
12-18.02 # high trust	-0.060* (0.032)	-0.051** (0.023)	-0.035 (0.028)	-0.054 (0.035)	-0.026 (0.030)	-0.049 (0.041)
19-25.02 # high trust	-0.062*** (0.016)	-0.051*** (0.011)	-0.014 (0.019)	-0.041 (0.038)	-0.040 (0.027)	-0.004 (0.038)
26.02-04.03 # high trust	-0.005 (0.029)	-0.024 (0.020)	0.014 (0.018)	0.060 (0.050)	0.049 (0.050)	0.005 (0.042)
5-11.03 # high trust	Ref	Ref	Ref	Ref	Ref	Ref
12-18.03 # high trust	0.029 (0.021)	0.011 (0.017)	0.040* (0.022)	-0.005 (0.030)	0.021 (0.027)	-0.024 (0.030)
19-25.03 # high trust	-0.005 (0.044)	-0.021 (0.017)	0.008 (0.039)	-0.092*** (0.027)	-0.052** (0.021)	-0.056** (0.026)
26.03-01.04 # high trust	-0.045	-0.080***	-0.005	-0.000	-0.021	-0.004

	(0.040)	(0.029)	(0.046)	(0.072)	(0.048)	(0.065)
N	21,779	21,779	21,779	13,978	13,978	13,978
Trust in Science: Urban/Rural	Rural			Urban		
	all	fear	other	all	fear	other
12-18.02 # low trust	-0.149*** (0.026)	-0.070 (0.055)	-0.118** (0.043)	-0.116** (0.045)	-0.129*** (0.038)	-0.010 (0.033)
19-25.02 # low trust	-0.007 (0.045)	0.034 (0.043)	-0.100* (0.054)	-0.009 (0.036)	-0.027 (0.038)	-0.010 (0.022)
26.02-04.03 # low trust	-0.108*** (0.036)	-0.085 (0.069)	-0.067 (0.055)	-0.008 (0.034)	-0.024 (0.042)	0.003 (0.020)
5-11.03 # low trust	Ref	Ref	Ref	Ref	Ref	Ref
12-18.03 # low trust	0.069 (0.043)	0.131*** (0.044)	-0.044 (0.029)	0.102** (0.045)	0.044 (0.031)	0.065 (0.068)
19-25.03 # low trust	0.088 (0.107)	0.069 (0.061)	0.037 (0.089)	0.050 (0.060)	-0.016 (0.055)	0.073 (0.087)
26.03-01.04 # low trust	0.054 (0.061)	0.042 (0.124)	0.004 (0.080)	-0.084 (0.093)	-0.023 (0.096)	-0.079 (0.069)
12-18.02 # high trust	-0.044 (0.039)	-0.045 (0.031)	-0.044 (0.043)	-0.074*** (0.026)	-0.033* (0.019)	-0.052** (0.020)
19-25.02 # high trust	-0.052* (0.026)	-0.064*** (0.021)	0.004 (0.035)	-0.057** (0.022)	-0.027* (0.015)	-0.027 (0.020)
26.02-04.03 # high trust	0.055*** (0.019)	0.033* (0.018)	0.013 (0.038)	-0.020 (0.024)	-0.024* (0.013)	0.001 (0.019)
5-11.03 # high trust	Ref	Ref	Ref	Ref	Ref	Ref
12-18.03 # high trust	0.030 (0.033)	0.015 (0.020)	0.017 (0.031)	-0.010 (0.025)	0.012 (0.014)	0.002 (0.022)
19-25.03 # high trust	-0.036 (0.044)	-0.059*** (0.019)	-0.004 (0.041)	-0.041** (0.020)	-0.006 (0.018)	-0.039** (0.015)
26.03-01.04 # high trust	-0.041 (0.062)	-0.072* (0.041)	-0.022 (0.055)	-0.012 (0.032)	-0.043** (0.021)	0.022 (0.033)
N	12,368	12,368	12,368	23,389	23,389	23,389
Trust in Science: Education	Low			High		
	all	fear	other	all	fear	other
12-18.02 # low trust	-0.119*** (0.029)	-0.092** (0.038)	-0.062* (0.030)	-0.172*** (0.037)	-0.093* (0.053)	-0.091* (0.052)
19-25.02 # low trust	0.035* (0.019)	0.026 (0.025)	-0.045 (0.040)	-0.126*** (0.030)	-0.038 (0.033)	-0.098*** (0.034)
26.02-04.03 # low trust	-0.074** (0.028)	-0.067 (0.044)	-0.037 (0.033)	-0.069** (0.029)	-0.038 (0.041)	-0.063** (0.025)
5-11.03 # low trust	Ref	Ref	Ref	Ref	Ref	Ref

12-18.03 # low trust	0.096*** (0.033)	0.120*** (0.031)	0.008 (0.036)	0.000 (0.039)	-0.022 (0.053)	-0.060 (0.046)
19-25.03 # low trust	0.083 (0.094)	0.024 (0.075)	0.069 (0.072)	-0.012 (0.047)	0.025 (0.054)	-0.047 (0.058)
26.03-01.04 # low trust	0.098* (0.057)	0.054 (0.105)	0.053 (0.083)	-0.156* (0.088)	-0.009 (0.064)	-0.161** (0.059)
12-18.02 # high trust	-0.056 (0.035)	-0.038 (0.028)	-0.049 (0.038)	-0.077*** (0.025)	-0.054*** (0.018)	-0.050** (0.022)
19-25.02 # high trust	-0.067** (0.025)	-0.049*** (0.018)	-0.013 (0.036)	-0.052*** (0.018)	-0.053*** (0.019)	-0.027 (0.016)
26.02-04.03 # high trust	0.045* (0.026)	0.024 (0.023)	0.017 (0.033)	-0.050** (0.020)	-0.039* (0.017)	-0.026* (0.014)
5-11.03 # high trust	Ref	Ref	Ref	Ref	Ref	Ref
12-18.03 # high trust	0.021 (0.028)	0.016 (0.017)	0.020 (0.031)	-0.019 (0.014)	0.006 (0.011)	-0.017 (0.011)
19-25.03 # high trust	-0.029 (0.022)	-0.021 (0.017)	-0.016 (0.017)	-0.057 (0.040)	-0.060*** (0.020)	-0.033 (0.036)
26.03-01.04 # high trust	-0.087** (0.034)	-0.104*** (0.030)	-0.035 (0.042)	0.032 (0.039)	-0.022 (0.028)	0.033 (0.038)
N	12,368	12,368	12,368	23,389	23,389	23,389

Note: The table reports estimates as in eq.1 of the variable week interacted with the level of trust in science. Separate estimations are displayed for each characteristic: gender, financial difficulties, health status, urban/rural, and educational attainment. Country fixed effects are included. Clustered standard errors at the country level in are parentheses, * p < 0.1, ** p < 0.05, *** p < 0.01

Table A.7: Descriptive statistics

Variable	Mean	Sd.	Variable	Mean	sd.
Vaccine hesitancy: all	0.255	0.4358	Region: The open countryside	0.115	0.3191
Vaccine hesitancy: fear	0.184	0.3873	Region: A village/small town	0.414	0.4926
<i>Vaccination has negative impact on health</i>	0.073	0.2604	Region: A medium to large town	0.205	0.4036
<i>No trust in safety of vaccination</i>	0.159	0.3657	Region: A city or city suburb	0.266	0.4419
Vaccine hesitancy: other	0.146	0.3529	Income sufficient : With great difficulty	0.116	0.3201
<i>Risk of COVID is exaggerated</i>	0.113	0.3171	Income sufficient: With difficulty	0.113	0.3161
<i>COVID does not exist</i>	0.019	0.1363	Income sufficient: With some difficulty	0.212	0.4087
<i>Other reason</i>	0.033	0.1791	Income sufficient: Fairly easily	0.235	0.4241
Trust in news	4.246	2.4866	Income sufficient: Easily	0.192	0.3939
Trust in police	5.748	2.7256	Income sufficient: Very easily	0.132	0.3390
Trust in government	3.974	2.8698	Employment status: Employee	0.436	0.4959
Trust in EU	4.692	2.8427	Employment status: Self-employed	0.067	0.2507
Trust in Health system	5.963	2.6706	Employment status: Unemployed	0.105	0.3066
Trust in social media	3.389	1.9875	Employment status: Retired	0.260	0.4385
Trust in Science	7.274	2.4575	Employment status: Other	0.132	0.3385
Trust in pharmaceutical firms	4.660	2.6438	Education: Primary	0.052	0.2221
Trust in people	5.020	2.5379	Education: Secondary	0.669	0.4705
Main source of information: Press	0.343	0.4748	Education: Tertiary	0.279	0.4483
Main source of information: Radio	0.069	0.2539	COVID-19: tested positive	0.081	0.2734
Main source of information: Social media	0.166	0.3723	COVID-19: someone close tested positive	0.400	0.4899
Main source of information: Other media	0.114	0.3172	COVID-19: someone close died	0.105	0.3072
Female	0.521	0.4996	COVID-19: someone close died from another cause	0.299	0.4576
Age: 18-29	0.149	0.3559	Health: Very good	0.141	0.3476
Age: 30-49	0.327	0.4693	Health: Good	0.459	0.4983
Age: 50-64	0.281	0.4497	Health: Fair	0.309	0.4621
Age: 65+	0.242	0.4285	Health: Bad	0.078	0.2686
			Health: Very bad	0.013	0.1123
N	35,757			35,757	
N weighted	36145.76			36145.76	

Note: Weighted descriptive statistics of the variables of interested. Sd=Standard deviation.