

Table S1. COVID-19 telephone questionnaire.

Question	Possible answers
Part 1. Socio-demographic variables	
Indicate your sex	Man/Woman
Indicate the Autonomous Community you live in	Murcia/Others
Indicate your age	Age in years
Were you born in Spain?	Yes/No
Were your parents born in Spain?	Yes/No
In case of a negative answer to the previous question, indicate your parents' birth country	Occidental Europe/Eastern Europe/North Africa/Central and Southern Africa/Latin America/Asia/Other
Indicate your education level	No studies/Primary studies/Secondary studies/Higher education
Indicate your employment situation	Active/Retired/Student/Unemployed
Indicate your marital status	Single/Married/Divorced/Widower
Do you live or usually spend time with vulnerable people?	Yes/No
In case of an affirmative answer, has this vulnerable person been vaccinated against COVID-19?	Yes/No
Do you have children?	Yes/No

In case of an affirmative answer, did they receive all the vaccines covered by the insurance?	Yes/No
In addition to vaccines covered by the insurance, did your child get any of the vaccines not covered by the insurance?	Yes/No
Did you get the vaccine against flu in the present campaign 2021-2022?	Yes/No
Did you get the vaccine against flu in the present campaign 2020-2021?	Yes/No
Part 2. COVID-19 variables	
Have you had COVID-19?	Yes/No
In case you had COVID-19, was it before or after the first shot of the vaccine?	Before/After
In case you had COVID-19, did you need hospitalisation?	Yes/No
In case you had COVID-19, did you require the Intensive Care Unit?	Yes/No
In case you had COVID-19, do you have any sequels?	Yes/No
In case you had COVID-19, were you confined because of it?	Yes/No
Have any of your relatives or friends had COVID-19?	Yes/No
If any of your relatives or friends had COVID-19, did they require hospitalization?	Yes/No

If any of your relatives or friends had COVID-19, did they require the Intensive Care Unit?	Yes/No
If any of your relatives or friends had COVID-19, do they have sequels?	Yes/No
If any of your relatives or friends had COVID-19, did they survive?	Yes/No
From the beginning of the pandemic, have you stopped hugging and kissing your relatives or friends at any moment?	Yes/No
If you stopped hugging and kissing, have you resumed kissing and hugging?	Yes/No
In case of an affirmative answer to the previous question, indicate when you resumed kissing and hugging	Since I got the vaccine/Since they got the vaccine/Since the incidence of COVID decreased/Other reasons
Part 3. Self-perceived risk	
COVID-19 vaccine makes me feel safer at work	Likert scale from 1 to 5, where 1 means "strongly disagree" and 5 means "strongly agree"
COVID-19 vaccine helps me protect my family	
COVID-19 vaccine makes me feel more comfortable with my family	
COVID-19 vaccine will decrease my risk of getting COVID-19	
COVID vaccine will decrease my risk of hospitalization and severe COVID, even if I get infected	

Part 4. Vaccine security perception	
I believe that approved COVID-19 vaccines are safe	Likert scale from 1 to 5, where 1 means "strongly disagree" and 5 means "strongly agree"
I believe that COVID-19 vaccines have similar effects to other approved vaccines	
I believe that the accelerated development of COVID-19 vaccines has decreased their safety	
I trust the work on approval and regulation of the drug regulatory agencies	
I trust Health Authorities' recommendations	
I believe that COVID vaccine benefits are greater than the risks	
Part 5. Fear of COVID-19 Scale (FCV-19S)	
I am most afraid of COVID-19	Likert scale from 1 to 5, where 1 means "strongly disagree" and 5 means "strongly agree"
It makes me feel uncomfortable when I think about COVID-19	
My hands become clammy when I think about COVID-19	
I am afraid of losing my life because of COVID-19	
I become nervous and anxious and when watching news and stories about COVID-19 on social media	

I cannot sleep because I am worrying about getting COVID-19	
My heart races or palpitates when I think about getting COVID-19	
Part 6. Reasons for not being vaccinated before	
Indicate which of the following reasons made you decide not to get the vaccine until now	<p>Possible adverse events</p> <p>I don't think vaccines protect against COVID</p> <p>I had medical advice against vaccination</p> <p>I preferred to wait until many people were vaccinated to be sure vaccines are safe</p> <p>I don't believe in COVID-19 vaccines because they have been developed too quickly</p> <p>I don't believe in government</p>
Part 7. Reasons for finally getting vaccinated	
The need for a COVID-19 certificate in bars and restaurants has been a reason to get the vaccine	Yes/No
Indicate final reason that made you get the COVID-19 vaccine	<p>To get the certificate</p> <p>To be able to travel</p> <p>Because my employer recommended me to do it</p> <p>Because I was afraid of getting COVID-19</p> <p>Because I was afraid of transmitting COVID-19 to relatives and friends</p> <p>Other reasons</p>

Have you received full primary vaccination (two shots or one shot plus previous infection)?	Yes/No
In case of a negative answer to the previous question, could you indicate the reason	<p>One shot is enough</p> <p>I had adverse effects with the first shot</p> <p>People close to me had adverse effects when receiving full primary vaccination</p> <p>Others</p>

Table S2. Socio-demographic data obtained from the first part of the survey.

	Variable	n(%) Mean (SD)	n(%) Mean (SD)		p Chi2/ StudentT/ Mann- Whitney
		Total sample: 338	Men	Women	
Socio- demographic variables	Gender		181 (53.55)	157 (46.45)	
	Man				
	Woman				
	Autonomous Community				0.678
	Murcia	328 (97.04%)	175 (53.35)	153 (46.65)	
	Others	10 (2.96%)	6 (60.00)	4 (40.00)	
	Age	36.57 (14.09)	35.40 (14.10)	37.92 (13.99)	0.0501
	Under 18				0.847
	No	331 (97.93%)	177 (53.47)	154 (46.53)	
	Yes	7 (2.07%)	4 (57.14)	3 (42.86)	
	Spaniard				0.157
	No	184 (54.44%)	105 (57.07)	79 (42.93)	
	Yes	154 (45.56%)	76 (49.35)	78 (50.65)	
	Spanish parents				0.068
	No	188 (55.62%)	109 (57.98)	79 (42.02)	
	Yes	150 (44.38%)	72 (48.00)	78 (52.00)	
	Parents' birth country				0.002*
	Occidental Europe	5 (2.62%)	3 (60.00)	2 (40.00)	

Eastern Europe	18 (9.42%)	3 (16.67)	15 (83.33)	
North Africa	83 (43.46%)	55 (66.27)	28 (33.73)	
Central and southern Africa	15 (7.85%)	13 (86.67)	2 (13.33)	
Central and South America	57 (29.84%)	32 (56.14)	25 (43.86)	
Asia	6 (3.14%)	3 (50.00)	3 (50.00)	
Others	7 (3.66%)	4 (57.14)	3 (42.86)	
Education				0.004*
No studies	54 (15.98%)	36 (66.67)	18 (33.33)	
Primary studies	74 (21.89%)	45 (60.81)	29 (39.19)	
Secondary studies	130 (38.46%)	70 (53.85)	60 (46.15)	
Higher education	80 (23.67%)	30 (37.50)	50 (62.50)	
Occupation				<0.001*
Active	206 (60.95%)	128 (62.14)	78 (37.86)	
Retired	23 (6.80%)	17 (73.91)	6 (26.09)	
Student	29 (8.58%)	16 (55.17)	13 (44.83)	
Unemployed	80 (23.67%)	20 (25.00)	60 (75.00)	
Marital status				0.001*
Single	156 (46.15%)	101 (64.74)	55 (35.26)	
Married	150 (44.38%)	66 (44.00)	84 (56.00)	
Divorced	25 (7.40%)	12 (48.00)	13 (52.00)	
Widower	7 (2.07%)	2 (53.55)	5 (71.43)	
Cohabiting with vulnerable person				0.108
No	275 (81.36%)	153 (55.64)	122 (44.36)	

Yes	63 (18.64%)	28 (44.44)	35 (55.56)	
Cohabiting vulnerable person vaccinated				0.615
No	18 (26.09%)	9 (50.00)	9 (50.00)	
Yes	51 (73.91%)	22 (43.14)	29 (56.86)	
Children				<0.001*
No	161 (47.63%)	111 (68.94)	50 (31.06)	
Yes	177 (52.37%)	70 (839.55)	107 (60.45)	
Children with vaccines covered by the NPI				<0.001
No	16 (9.04%)	13 (81.25)	3 (18.75)	
Yes	161 (90.96%)	57 (35.40)	104 (64.60)	
Children non-insurance-covered vaccines				0.709
No	109 (63.01%)	44 (40.37)	65 (59.63)	
Yes	64 (36.99%)	24 (37.50)	40 (62.50)	
Flu vaccine in 21-22 campaign				0.248
No	300 (88.76%)	164 (54.67)	136 (45.33)	
Yes	38 (11.24%)	17 (44.74)	21 (55.26)	
Flu vaccine in previous campaign				0.094
No	278 (82.25%)	143 (51.44)	135 (48.56)	
Yes	60 (17.75%)	38 (63.33)	22 (36.67)	

SD: Standard deviation.

Table S3. COVID-19-related variables included in the second part of the survey.

	Variable	n(%) Mean(SD)	n(%) Mean (SD)		p Chi2/StudentT/ Mann- Whitney
		Total sample: 338	Men	Woman	
COVID-19- related variables	Suffered from COVID-19				0.438
	No	197 (58.28%)	109 (55.33)	88 (44.67)	
	Yes	141 (41.72%)	72 (51.06)	69 (48.94)	
	COVID-19 before first vaccine				0.105
	Before	129 (92.14%)	68 (52.71)	61 (47.29)	
	After	11 (7.86%)	3 (27.27)	8 (72.73)	
	COVID-19 that required hospitalization				0.952
	No	124 (88.57%)	63 (50.81)	61 (49.19)	
	Yes	16 (11.43%)	8 (50.00)	8 (50.00)	
	COVID-19 that required ICU				0.17
	No	132 (94.29 %)	66 (50.00)	66 (50.00)	

Yes	8 (5.71%)	6 (75.00)	2 (25.00)	
Sequels from COVID-19				0.045*
No	111 (78.17%)	62 (55.86)	49 (44.14)	
Yes	31 (21.83%)	11 (35.48)	20 (64.52)	
Confined because of COVID-19				0.305
No	1 (0.71%)	0 (0.00)	1 (100.00)	
Yes	140 (99.29%)	72 (51.43)	68 (48.57)	
Close contact got COVID-19				0.328
No	97 (28.70%)	56 (57.73)	41 (42.27)	
Yes	241 (71.30%)	125 (51.87)	116 (48.13)	
Close contact required COVID-19 hospitalization				0.102
No	191 (79.25%)	105 (54.97)	86 (45.03)	
Yes	50 (20.75%)	21 (42.00)	29 (58.00)	
Close contact required ICU because of COVID-19				0.976
No	220 (92.05%)	115 (52.27)	105 (47.73)	
Yes	19 (7.95%)	10 (52.63)	9 (47.37)	
Close contact had recurring COVID-19 infection				0.027*
No	202 (84.52%)	111 (54.95)	91 (45.05)	

	Yes	37 (15.48%)	13 (35.14)	24 (64.86)	
Close contact survived COVID-19					
	No	28 (11.86%)	15 (53.57)	13 (46.43)	
	Yes	208 (88.14%)	106 (59.96)	102 (49.04)	
Compliance with barrier gesture "greetings without contact"					
	No	112 (33.14)	66 (58.93)	46 (41 .07)	0.163
	Yes	226 (66.86%)	115 (50.88)	111 (49.12)	
Abandon barrier gesture					
	No	117 (49.79%)	59 (50.43)	58 (49.57)	0.948
	Yes	118 (50.21%)	59 (50.00)	59 (50.00)	
When did you abandon barrier gestures					
	Since I got the vaccine	12 (10.00%)	7 (58.33)	5 (41.67)	0.962
	Since they got the vaccine	7 (5.83%)	4 (57.14)	3 (42.86)	
	Since COVID-19 incidence decreased	81 (67.50%)	42 (57.14)	39 (48.15)	
	Others	20 (16.67%)	10 (50.00)	10 (50.00)	

SD: Standard deviation.

Table S4. Data form self-perceived risk, vaccine security perception and FCV 19-S score (parts 3, 4 and 5 of the survey).

Variable		n(%) Mean(SD)	n(%) Mean(SD)		p Chi2/StudentT/ Mann- Whitney
		Total sample: 338	Men	Women	
Self-perceived risk	COVID-19 vaccine makes me feel safer at work	3.23 (1.45)	3.14 (1.45)	3.34 (1.44)	0.1922
	COVID-19 vaccine helps me protect my family	3.55 (1.38)	3.56 (1.40)	3.54 (1.35)	0.8001
	COVID-19 vaccine makes me feel comfortable with my family	3.47 (1.38)	3.44 (1.39)	3.49 (1.37)	0.7456
	COVID-19 vaccine will decrease my risk of getting COVID-19	3.39 (1.40)	3.39 (1.36)	3.38 (1.43)	0.8726
	COVID-19 vaccine will decrease the risk of hospitalization	3.62 (1.25)	3.53 (1.25)	3.73 (1.25)	0.0799
	Self-perceived risk total	17.25 (5.96)	17.05 (6.06)	17.49 (5.86)	0.4447
Vaccine security	Approved COVID-19 vaccines are safe	3.27 (1.17)	3.29 (1.81)	3.24 (1.62)	0.7125
	COVID-19 vaccine adverse events are similar to those of other vaccines	3.21 (1.23)	3.30 (1.11)	3.30 (1.16)	0.9934
	The need for a COVID-19 certificate in bars and restaurants has been a reason for getting the vaccine	3.25 (1.24)	3.21 (1.23)	3.29 (1.26)	0.5403

I trust Drug Agencies' work	3.46 (1.08)	3.43 (1.11)	3.50 (1.05)	0.5104
I trust Health Authorities' recommendations	3.86 (1.16)	3.80 (1.19)	3.92 (1.14)	0.3287
COVID-19 vaccine benefits are greater than risks	3.55 (1.15)	3.56 (1.15)	3.54 (1.15)	0.9856
Vaccine security total	20.68 (4.54)	20.58 (4.58)	20.80 (4.41)	0.5933
I am afraid of COVID-19	2.05 (1.30)	1.88 (1.19)	2.25 (1.40)	0.0130*
I feel uncomfortable when thinking about COVID-19	1.76 (1.14)	1.61 (1.00)	1.93 (1.27)	0.0276
My hands sweat when I think about COVID-19	1.24 (0.70)	1.18 (0.52)	1.30 (0.87)	0.927
I am afraid of dying from COVID-19	1.62 (1.13)	1.49 (0.96)	1.76 (1.27)	0.1268
FCV 19-S				
I get nervous listening to news about COVID-19	1.63 (1.11)	1.46 (0.92)	1.83 (1.27)	0.0164*
I cannot sleep because of COVID-19	1.20 (0.61)	1.17 (0.58)	1.23 (0.64)	3153
My heart accelerates when I think I can get COVID-19	1.22 (0.69)	1.17 (0.55)	1.27 (0.81)	0.4477
FCV 19-S total	10.71 (5.26)	9.96 (4.43)	11.57 (5.99)	0.0044*

FCV 19-S: Fear of COVID-19 Scale; SD: Standard deviation.

Table S5. Bivariate analysis by reason for vaccination (COVID-19-related variables).

	Variable	n% mean (SD)		p Chi2/StudentT/ Mann-Whitney
		Non-Health-related	Health-related	
COVID-19-related variables	Suffered from COVID-19			0.332
	No	98 (59.76)	66 (40.24)	
	Yes	57 (53.77)	49 (46.23)	
	COVID-19 before first vaccine			0.514
	Before	53 (53.00)	47 (47.00)	
	After	4 (66.67)	2 (33.33)	
	COVID-19 required hospitalization			0.067
	No	53 (56.38)	41 (43.62)	
	Yes	3 (27.27)	8 (72.73)	
	COVID-19 required ICU			0.157
	No	55 (56.12)	43 (43.87)	
	Yes	2 (28.57)	5 (71.43)	
	Recurring COVID-19 infection			0.16
	No	49 (57.65)	36 (42.35)	
	Yes	9 (40.91)	13 (59.09)	
	Confined because of COVID-19			0.279
	No	0 (0.00)	1 (100.00)	
	Yes	57 (54.29)	48 (45.71)	

Close contact got COVID-19			0.925
No	48 (57.83)	35 (42.17)	
Yes	107 (57.22)	80 (42.78)	
Close contact required hospitalization because of COVID-19			0.099
No	90 (60.81)	58 (39.19)	
Yes	18 (46.15)	21 (42.25)	
Close contact required ICU because of COVID-19			0.256
No	100 (58.48)	71 (41.52)	
Yes	6 (42.86)	8 (57.14)	
Close contact had recurring COVID-19 infection			0.051
No	95 (60.90)	61 (39.10)	
Yes	12 (41.38)	17 (58.62)	
Close contact survived COVID-19			0.586
No	15 (62.50)	9 (37.59)	
Yes	90 (56.60)	69 (43.40)	
Compliance with "greetings without contact"			0.007*
No	62 (68.89)	28 (31.11)	
Yes	93 (51.67)	87 (48.33)	
Abandoned barrier gesture			0.238
No	47 (49.47)	48 (50.53)	
Yes	54 (58.06)	39 (41.94)	
When did you abandon barrier gestures			0.632
Since I got the vaccine	6 (66.67)	3 (33.33)	

Since they got the vaccine	3 (60.00)	2 (40.00)
Since incidence of COVID-19 decreased	39 (58.21)	28 (41.79)
Others	10 (76.92)	3 (23.08)

SD: Standard deviation.