

Appendix 1

Table A.1. Sociodemographic characteristics and smoking habits of the study sample

	n ^a	% (CI 95) ^a	n ^b	% ^b (CI 95)
Total	2754	-	2754	-
Sex				
Female	1741	63.22 (61.40-65.00)	1435	52.11 (49.94-54.26)
Male	1013	36.78 (35.00-38.60)	1319	47.89 (45.74-50.06)
Age group (years)				
18-34	472	17.14 (15.78-18.59)	549	19.96 (18.25-21.78)
35-54	1461	53.05 (51.18-54.91)	1439	52.24 (50.09-54.38)
≥ 55	821	29.81 (28.13-31.55)	766	27.81 (25.91-29.78)
Parish				
Arcozelo	102	3.7 (3.06-4.48)	130	4.72 (3.74-5.94)
Avintes	128	4.65 (3.92-5.50)	103	3.74 (3.06-4.57)
Canelas	159	5.77 (4.96-6.71)	122	4.43 (3.74-5.24)
Canidelo	172	6.25 (5.40-7.21)	257	9.33 (7.96-10.91)
Madalena	72	2.61 (1.76-2.88)	91	3.3 (2.60-4.20)
Oliveira do Douro	160	5.81 (4.99-6.75)	203	7.37 (6.27-8.65)
São Félix da Marinha	62	2.25 (1.76-2.88)	116	4.21 (3.18-5.57)
Vilar de Andorinho	159	5.77 (4.96-6.71)	165	5.99 (5.10-7.03)
U.F. Grijó e Sermonde	166	6.03 (5.20-6.98)	107	3.89 (3.30-4.57)
U.F. Gulpilhares e Valadares	222	8.06 (7.10-9.14)	197	7.15 (6.24-8.19)
U.F. Mafamude e Vilar do Paraíso	510	18.52 (17.11-20.01)	480	17.43 (15.96-19)
U.F. Pedroso e Seixezelo	187	6.79 (5.91-7.79)	186	6.75 (5.84-7.80)
U.F. Sandim, Olival, Lever e Crestuma	283	10.28 (9.20-11.47)	158	5.74 (5.00-6.57)
U.F. Santa Marinha e São Pedro da Afurada	287	10.42 (9.33-11.62)	310	11.26 (9.98-12.67)
U.F. Serzedo e Perosinho	85	3.09 (2.50-3.80)	129	4.68 (3.76-5.83)
Household size				
1 element	182	6.94 (6.03-7.98)	173	6.60 (5.61-7.75)
2 elements	673	25.67 (24.03-27.38)	674	25.66 (23.77-27.64)
≥ 3 elements	1767	67.39 (65.57-69.16)	1780	67.74 (65.65-69.77)
Education level				
Basic or upper secondary education	1780	64.63 (62.83-66.40)	1760	63.92 (61.85-65.93)
Higher (university) education	974	35.37 (33.6-37.18)	994	36.08 (34.07-38.15)
Professional situation				
Professionally active	2166	78.65 (77.08-80.14)	2097	76.15 (74.18-78.02)
Other	588	21.35 (19.86-22.92)	657	23.85 (21.99-25.82)
Workplace ^c				
At home	1106	54 (51.84-56.15)	1076	53.91 (51.44-56.36)
On site	878	42.87 (40.74-45.03)	859	43.04 (40.62-45.50)
Other	64	3.13 (2.45-3.97)	61	3.05 (2.32-4.00)
Smoking habits				
Non-smoker	1685	61.89 (60.04-63.69)	1662	61.09 (58.97-63.18)
Ex-smoker	548	20.12 (18.66-21.67)	550	20.2 (18.55-21.96)
Smoker	490	17.99 (16.60-19.48)	509	18.7 (17.03-20.49)

^a Unweighted data; ^b Weighted data; ^c Only for professionally active; Sample size is not constant due to missing data: *Unweighted data*: Total (n=2754); Sex(n=2754); Age group (n=2754); Parish (n=2754); Household size (n=2622); Education level (n=2754); Professional situation (n=2754); Workplace (n=2048); Smoking habits (n=2723); *Weighted data*: Total (n=2754); Sex(n=2754); Age group (n=2754); Parish (n=2754); Household size (n=2627); Education level (n=2754); Professional situation (n=2754); Workplace (n=1995); Smoking habits (n=2721)

Table A.2. Clinical-related variables.

	n ^a	% (CI 95) ^a	n ^b	% ^b (CI 95)
Self-reported chronic disease				
Yes (total)	1096	46.58 (44.57-48.6)	1050	44.68 (42.38-47.00)
Diabetes	177	6.43 (5.57-7.41)	171	6.21 (5.26-7.32)
Arterial hypertension	448	16.27 (14.93-17.69)	416	15.12 (13.63-16.74)
Other cardiovascular disease	106	3.85 (3.19-4.64)	105	3.81 (3.09-4.69)
Respiratory disease	282	10.24 (9.16-11.43)	285	10.36 (9.13-11.74)
Chronic kidney disease	14	0.51 (0.30-0.86)	14	0.51 (0.27-0.97)
Oncological disease	61	2.21 (1.73-2.84)	51	1.84 (1.40-2.42)
Autoimmune disease	111	4.03 (3.36-4.83)	112	4.06 (3.20-5.14)
Obesity	2	0.07 (0.02-0.29)	1	0.05 (0.01-0.19)
Other	233	8.46 (7.48-9.56)	227	8.26 (7.10-9.58)
Having (self-report) COVID-19-related symptoms	462	16.89 (15.53-18.34)	446	16.31 (14.84-17.89)
Having had contact with an infected person				
Yes (total)	1258	45.95 (44.08-47.82)	1233	45.14 (43.02-47.28)
Within household	52	4.4 (3.37-5.73)	54	4.61 (3.43-6.16)
A relative (outside household)	267	21.45 (19.25-23.82)	274	22.49 (19.93-25.27)
Friend	324	26.02 (23.66-28.54)	333	27.31 (24.56-30.25)
Colleague	400	32.13 (29.59-34.78)	387	31.71 (28.85-34.72)
Other	416	33.41 (30.84-36.09)	391	32.09 (29.16-35.17)

^a Unweighted data; ^b Weighted data; Sample size is not constant due to missing data: *Unweighted data*: Self-reported chronic disease (n=2353); Diabetes (n=2754); Arterial hypertension (n=2754); Other cardiovascular disease (n=2754); Respiratory disease (n=2754); Chronic kidney disease (n=2754); Oncological disease (n=2754); Autoimmune disease (n=2754); Obesity (n=2754); Other (n=2754); COVID-19-related symptoms (n=2735); Contact with an infected person (n=2738); Within household (n=1182); A relative (n=1245); Friend (n=1245); Colleague (n=1245); Other (n=1245); *Weighted data*: Self-reported chronic disease (n=2350); Diabetes (n=2754); Arterial hypertension (n=2754); Other cardiovascular disease (n=2754); Respiratory disease (n=2754); Chronic kidney disease (n=2754); Oncological disease (n=2754); Autoimmune disease (n=2754); Obesity (n=2754); Other (n=2754); COVID-19-related symptoms (n=2738); Contact with an infected person (n=2731); Within household (n=2570); A relative (n=1219); Friend (n=1219); Colleague (n=1219); Other (n=1219)

Table A.3- Smoking habits and presence of chronic diseases, stratified by contact with an infected person and cohabitation with an infected person (weighted data).

	Having had Contact with an infected person		Living with a person who has had COVID-19	
	Yes	No	Yes	No
Smoking habits				
Never smoker	774 (45.69%)	902 (54.31%)	31 (4.15%)	703 (95.85%)
Smoker	224 (44.14%)	283 (55.86%)	10 (4.76%)	192 (95.24%)
Former smoker	244 (44.69%)	302 (55.31%)	13 (5.73%)	221 (94.27%)
Self-reported chronic diseases				
Yes	467 (44.79%)	591 (55.21%)	20 (4.55%)	414 (95.45%)
No	587 (45.38%)	706 (54.62%)	26 (4.61%)	530 (95.39%)

Table A.4- Seroprevalence by smoking habits and presence of chronic diseases in participants who had contact with an infected person and in participants who cohabited with an infected person.

	Seroprevalence (IgG) ^a	Seroprevalence (IgG) ^b
Smoking habits		
Never smoker	30 (3.98%)	6 (18.96%)
Smoker	3 (1.23%)	-
Former smoker	11 (4.4%)	5 (37.77%)
Self-reported chronic diseases		
Yes	14 (3.03%)	4 (19.15%)
No	21 (3.61%)	4 (15.37%)

^a Seroprevalence in participants who had contact with a person infected with COVID-19.

^b Seroprevalence in participants who cohabited with a person infected with COVID-19.