

Supplementary Table 1 Basic characteristics by sort of the number of vaccinations

		Number of vaccinations [2021.4-2023.5]											
		None		Once		Twice		Three-time		Four-time		Five-time	
		n= 959		n= 39		n= 2,323		n= 3,991		n= 1,974		n= 1,765	
		n	%	n	%	n	%	n	%	n	%	n	%
Age	20-29	106	11.1	3	7.7	160	6.9	150	3.8	46	2.3	7	0.4
	30-39	540	56.3	26	66.7	1,439	61.9	2,291	57.4	739	37.4	215	12.2
	40-49	212	22.1	7	17.9	620	26.7	1,231	30.8	675	34.2	156	8.8
	50-59	37	3.9	3	7.7	48	2.1	120	3.0	130	6.6	105	5.9
	60-69	44	4.6	0	0.0	41	1.8	150	3.8	277	14.0	796	45.1
	70-79	19	2.0	0	0.0	13	0.6	46	1.2	102	5.2	463	26.2
	80-89	1	0.1	0	0.0	2	0.1	3	0.1	5	0.3	23	1.3
Sex	Women	654	68.3	29	74.4	1,541	66.8	2,684	67.5	1,314	66.8	1,141	65.0
Underlying health condition	Having	60	6.3	2	5.1	106	4.6	220	5.5	243	12.3	586	33.2
Exercise habit	Having	191	20.1	9	23.7	429	18.6	871	22.0	512	26.0	827	47.1
Smoking habit	Non	547	57.7	23	59.0	1,264	55.2	2,382	60.3	1,218	62.3	1,111	64.1
	Past	245	25.8	10	25.6	650	28.4	1,042	26.4	525	26.9	454	26.2
	Current	156	16.5	6	15.4	377	16.5	526	13.3	211	10.8	168	9.7
Drinking habit	Non	549	59.1	23	65.7	1,326	58.3	2,184	56.0	1,016	52.5	755	43.4
	Moderate	98	10.5	1	2.9	279	12.3	481	12.3	270	14.0	303	17.4
	Moderate to heavy	117	12.6	3	8.6	272	12.0	542	13.9	287	14.8	343	19.7
	Heavy	165	17.8	8	22.9	398	17.5	691	17.7	362	18.7	340	19.5
Sleep status	Satisfaction	308	32.5	16	41.0	780	33.8	1,436	36.3	769	39.0	897	51.1
	Less than												
BMI	18.5	126	13.4	6	16.2	271	12.0	475	12.2	174	8.9	105	6.0
	More than												
	18.5 to 25.0	645	68.8	29	78.4	1,615	71.6	2,764	70.9	1,391	71.1	1,221	70.1
	More than												
	25.0 to 30.0	128	13.7	2	5.4	306	13.6	557	14.3	325	16.6	359	20.6
	30 and more	38	4.1	0	0.0	65	2.9	104	2.7	67	3.4	58	3.3
Breakfast consumption	Everyday	576	63.2	26	68.4	1,509	67.9	2,828	73.6	1,537	80.3	1,533	88.6
Time from the last vaccination	Month												
	(mean/SD)	-	-	15.0	7.5	14.7	5.8	9.6	4.3	5.4	2.1	4.7	1.0