

Supplementary file 1. Associations between participant factors and levels of depression, anxiety, and stress

Variables	Depression					χ^2	df	p
	Normal	Mild	Moderate	Severe	Extremely Severe			
Age						33.482	12	<.001
18-29	38 (15.4%)	19 (14.4%)	55 (21.7%)	41 (25.8%)	73 (27.8%)			
30-49	121 (49.2%)	79 (59.8%)	131 (51.6%)	77 (48.4%)	137 (52.1%)			
50-69	76 (30.9%)	33 (25%)	64 (25.2%)	38 (23.9%)	51 (19.4%)			
70+	11 (4.5%)	1 (0.8%)	4 (1.6%)	3 (1.9%)	2 (0.8%)			
Time stranded abroad						82.982	20	<.001
No wait	20 (7.8%)	4 (2.7%)	12 (4.4%)	6 (3.5%)	11 (3.9%)			
Up to 1 month	32 (12.4%)	16 (11%)	14 (5.1%)	5 (2.9%)	7 (2.5%)			
1-2 months	32 (12.4%)	10 (6.8%)	23 (8.4%)	7 (4.1%)	8 (2.8%)			
2-3 months	32 (12.4%)	18 (12.3%)	22 (8%)	22 (12.8%)	23 (8.1%)			
4-5 months	21 (8.1%)	15 (10.3%)	22 (8%)	15 (8.7%)	21 (7.4%)			
5+ months	121 (46.9%)	83 (56.8%)	181 (66.1%)	117 (68%)	213 (75.3%)			
Financial stress						35.123	4	<.001
Yes	140 (54.3%)	85 (58.6%)	172 (63%)	109 (64.1%)	218 (77.6%)			
No	118 (45.7%)	60 (41.4%)	101 (37%)	61 (35.9%)	63 (22.4%)			
Homelessness						30.149	4	<.001
Yes	17 (6.6%)	16 (11.3%)	26 (9.7%)	16 (9.5%)	58 (20.9%)			
No	239 (93.4%)	125 (88.7%)	243 (90.3%)	152 (90.5%)	220 (79.1%)			
Employment Change						22.648	4	<.001
Yes	89 (38.2%)	45 (34.9%)	107 (43.5%)	74 (49%)	138 (55.9%)			
No	144 (61.8%)	84 (65.1%)	139 (56.5%)	77 (51%)	109 (44.1%)			
Flight changes or cancellations						36.694	24	.029
0 changes	23 (11.5%)	21 (20%)	31 (17.3%)	21 (16.9%)	26 (12.9%)			
1 cancelation or delay	70 (35%)	28 (26.7%)	48 (26.8%)	34 (27.4%)	34 (16.8%)			

2 cancelations or delay	42 (21%)	20 (19%)	34 (19%)	30 (24.2%)	45 (22.3%)			
3 cancelations or delay	30 (15%)	18 (17.1%)	32 (17.9%)	21 (16.9%)	32 (15.8%)			
4 cancelations or delay	14 (7%)	6 (5.7%)	13 (7.3%)	6 (4.8%)	19 (9.4%)			
5 cancelations or delay	4 (2%)	3 (2.9%)	5 (2.8%)	3 (2.4%)	13 (6.4%)			
5+ cancelations or delay	17 (8.5%)	9 (8.6%)	16 (8.9%)	9 (7.3%)	33 (16.3%)			
Perceived risk of contracting COVID-19 (1-10 scale)						67.542	40	.004
1	29 (11.2%)	13 (8.9%)	21 (7.7%)	8 (4.7%)	20 (7.1%)			
2	34 (13.2%)	10 (6.8%)	12 (4.4%)	6 (3.5%)	14 (4.9%)			
3	25 (9.7%)	11 (7.5%)	21 (7.7%)	14 (8.1%)	17 (6%)			
4	13 (5%)	7 (4.8%)	12 (4.4%)	6 (3.5%)	12 (4.2%)			
5	31 (12%)	19 (13%)	21 (7.7%)	16 (9.3%)	24 (8.5%)			
6	10 (3.9%)	8 (5.5%)	19 (6.9%)	11 (6.4%)	13 (4.6%)			
7	28 (10.9%)	16 (11%)	35 (12.8%)	19 (11%)	29 (10.2%)			
8	30 (11.6%)	14 (9.6%)	35 (12.8%)	31 (18%)	40 (14.1%)			
9	14 (5.4%)	12 (8.2%)	17 (6.2%)	5 (2.9%)	21 (7.4%)			
10	42 (16.3%)	32 (21.9%)	75 (27.4%)	51 (29.7%)	83 (29.3%)			
Not Applicable	2 (0.8%)	4 (2.7%)	6 (2.2%)	5 (2.9%)	10 (3.5%)			
Access to crisis support or mental health services						3.314	4	.507
Yes	95 (36.8%)	55 (37.7%)	109 (39.8%)	63 (36.6%)	92 (32.5%)			
No	163 (63.2%)	91 (62.35)	165 (60.2%)	109 (63.4%)	191 (67.5%)			
Anxiety								
Variables	Normal	Mild	Moderate	Severe	Extremely Severe	χ^2	df	p
Age						35.225	12	<.001
18-29	69 (15.4%)	36 (22.5%)	35 (25.7%)	36 (32.7%)	50 (25.1%)			
30-49	229 (51%)	86 (53.8%)	66 (48.55)	52 (47.3%)	112 (56.3%)			
50-69	138 (30.7%)	35 (21.9%)	32 (23.5%)	21 (19.1%)	36 (18.1%)			
70+	13 (2.9%)	3 (1.9%)	3 (2.2%)	1 (0.9%)	1 (0.5%)			

Time stranded abroad						49.486	20	<.001
No wait	22 (4.5%)	12 (7%)	9 (6.3%)	3 (2.6%)	7 (3.3%)			
Up to 1 month	51 (10.5%)	8 (4.7%)	7 (4.9%)	3 (2.6%)	5 (2.3%)			
1-2 months	43 (8.8%)	12 (7%)	6 (4.2%)	10 (8.6%)	9 (4.2%)			
2-3 months	55 (11.3%)	20 (11.6%)	11 (7.7%)	15 (12.9%)	16 (7.4%)			
4-5 months	38 (7.8%)	15 (8.7%)	17 (12.0%)	5 (4.3%)	19 (8.8%)			
5+ months	279 (57.2%)	105 (61%)	92 (64.8%)	80 (69%)	7 (3.3%)			
Financial stress						53.944	4	<.001
Yes	258 (53.2%)	114 (66.3%)	97 (68.8%)	85 (73.3%)	170 (79.8%)			
No	227 (46.8%)	58 (33.7%)	44 (31.2%)	31 (26.7%)	43 (20.2%)			
Homelessness						18.517	4	<.001
Yes	44 (9.2%)	15 (8.9%)	16 (11.4%)	16 (13.8%)	42 (20.1%)			
No	434 (90.8%)	154 (91.1%)	124 (88.6%)	100 (86.2%)	167 (79.9%)			
Employment Change						34.917	4	<.001
Yes	156 (35.7%)	66 (44.6%)	65 (50%)	57 (52.8%)	109 (59.6%)			
No	281 (64.3%)	82 (55.4%)	65 (50%)	51 (47.2%)	74 (40.4%)			
Flight changes or cancellations						29.009	24	.220
0 changes	50 (14.3%)	16 (13.7%)	19 (19.4%)	15 (17.2%)	22 (13.8%)			
1 cancelation or delay	110 (31.5%)	27 (23.1%)	21 (21.4%)	23 (26.4%)	33 (20.8%)			
2 cancelations or delay	79 (22.6%)	23 (19.7%)	15 (15.3%)	13 (14.9%)	41 (25.8%)			
3 cancelations or delay	48 (13.8%)	23 (19.7%)	22 (22.4%)	19 (21.8%)	21 (13.2%)			
4 cancelations or delay	21 (6%)	9 (7.7%)	8 (8.2%)	7 (8%)	13 (8.2%)			
5 cancelations or delay	9 (2.6%)	7 (6%)	2 (2%)	2 (2.3%)	8 (5%)			
5+ cancelations or delay	32 (9.2%)	12 (10.3%)	11 (11.2%)	8 (9.2%)	21 (13.2%)			
Perceived risk of contracted COVID-19 (1-10 scale)						81.128	40	<.001
1	47 (9.6%)	8 (4.7%)	12 (8.5%)	9 (7.8%)	15 (7%)			
2	49 (10%)	5 (2.9%)	7 (4.9%)	1 (0.9%)	14 (6.5%)			

3	43 (8.8%)	11 (6.4%)	14 (9.9%)	6 (5.2%)	14 (6.5%)			
4	20 (4.1%)	14 (8.1%)	7 (4.9%)	2 (1.7%)	7 (3.3%)			
5	62 (12.7%)	13 (7.6%)	8 (5.6%)	9 (7.8%)	19 (8.8%)			
6	25 (5.1%)	13 (7.6%)	9 (6.3%)	5 (4.3%)	9 (4.2%)			
7	62 (12.7%)	15 (8.7%)	13 (9.2%)	17 (14.7%)	20 (9.3%)			
8	54 (11.1%)	32 (18.6%)	20 (14.1%)	15 (12.9%)	29 (13.5%)			
9	24 (4.9%)	17 (9.9%)	10 (7%)	7 (6%)	11 (5.1%)			
10	92 (18.9%)	39 (22.7%)	39 (27.5%)	41 (35.3%)	72 (33.5%)			
Not applicable	10 (2%)	5 (2.9%)	3 (2.1%)	4 (3.4%)	5 (2.3%)			
Access to crisis support or mental health services						2.210	4	.697
Yes	188 (38.5%)	59 (34.3%)	49 (34.5%)	38 (32.8%)	80 (37.2%)			
No	300 (61.5%)	113 (65.7%)	93 (65.5%)	78 (67.2%)	135 (62.8%)			
	Stress							
Variables	Normal	Mild	Moderate	Severe	Extremely Severe	χ^2	df	p
Age						51.326	12	<.001
18-29	47 (15%)	23 (17.2%)	44 (21.3%)	69 (29.9%)	43 (25.4%)			
30-49	154 (49.2%)	76 (56.7%)	106 (51.2%)	113 (48.9%)	96 (56.8%)			
50-69	96 (30.7%)	34 (25.4%)	56 (27.1%)	46 (19.9%)	30 (17.8%)			
70+	16 (5.1%)	1 (0.7%)	1 (0.5%)	3 (1.3%)	0			
Time stranded abroad						50.180	20	<.001
No wait	22 (6.7%)	3 (2.1%)	12 (5.4%)	12 (4.7%)	4 (2.2%)			
Up to 1 month	38 (11.5%)	9 (6.2%)	9 (4%)	13 (5.1%)	5 (2.8%)			
1-2 months	27 (8.2%)	15 (10.3%)	16 (7.1%)	16 (6.3%)	6 (3.3%)			
2-3 months	36 (10.9%)	15 (10.3%)	23 (10.3%)	30 (11.9%)	13 (7.2%)			
4-5 months	28 (8.5%)	11 (7.6%)	17 (7.6%)	27 (10.7%)	11 (6.1%)			
5+ months	179(54.2%)	92 (63.4%)	147 (65.6%)	155 (61.3%)	142 (78.5%)			
Financial stress						40.368	4	<.001
Yes	176 (53.5%)	85 (58.6%)	146 (65.8%)	174 (69%)	143(79.9%)			

No	153 (46.5%)	60(41.4%)	76 (34.2%)	78 (31%)	36 (20.1%)			
Homelessness						13.393	4	.010
Yes	28 (8.5%)	15 (10.7%)	24 (10.9%)	32 (13%)	34 (19.3%)			
No	300 (91.5%)	125 (89.3%)	197 (89.1%)	215 (87%)	142 (80.7%)			
Employment Change						31.232	4	<.001
Yes	101 (33.8%)	50 (40.7%)	96 (47.1%)	113 (51.4%)	93 (58.1%)			
No	198 (66.2%)	73 (59.3%)	108 (52.9%)	107 (48.6%)	67 (41.9%)			
Flight changes or cancellations						27.073	24	.301
0 changes	28 (11.5%)	15 (15%)	28 (18.8%)	31 (17%)	20 (14.8%)			
1 cancelation or delay	79 (32.4%)	26 (26%)	43 (28.9%)	42 (23.1%)	24 (17.8%)			
2 cancelations or delay	56 (23%)	21 (21%)	31 (20.8%)	36 (19.8%)	27 (20%)			
3 cancelations or delay	36 (14.8%)	18 (18%)	24 (16.1%)	32 (17.6%)	23 (17%)			
4 cancelations or delay	16 (6.6%)	6 (6%)	11 (7.4%)	14 (7.7%)	11 (8.1%)			
5 cancelations or delay	9 (3.7%)	2 (2%)	2 (1.3%)	7 (3.8%)	8 (5.9%)			
5+ cancelations or delay	20 (8.2%)	12 (12%)	10 (6.7%)	20 (11%)	22 (16.3%)			
Perceived risk of contracted COVID-19 (1-10 scale)						66.487	40	.005
1	35 (10.6%)	11 (7.6%)	14 (6.3%)	16 (6.3%)	15 (8.3%)			
2	34 (10.3%)	10 (6.9%)	14 (6.3%)	11 (4.3%)	7 (3.9%)			
3	28 (8.5%)	14 (9.7%)	18 (8%)	20 (7.9%)	8 (4.4%)			
4	17 (5.2%)	7 (4.8%)	7 (3.1%)	13 (5.1%)	6 (3.3%)			
5	40 (12.1%)	15 (10.3%)	22 (9.8%)	19 (7.5%)	15 (8.35)			
6	21 (6.4%)	6 (4.1%)	12 (5.4%)	13 (5.1%)	9 (5%)			
7	34 (10.3%)	26 (17.9%)	24 (10.7%)	27 (10.7%)	16 (8.8%)			
8	41 (12.4%)	18 (12.4%)	35 (15.6%)	30 (11.9%)	26 (14.4%)			
9	14 (4.2%)	10 (6.9%)	20 (8.9%)	18 (7.1%)	7 (3.9%)			
10	62 (18.8%)	25 (17.2%)	53 (23.7%)	78 (30.8%)	65 (35.9%)			
Not applicable	4 (1.2%)	3 (2.1%)	5 (2.2%)	8 (3.2%)	7 (3.9%)			

Access to crisis support or mental health services						3.371	4	.498
Yes	113 (34.2%)	60 (41.4%)	82 (36.6%)	98 (38.7%)	61 (33.7%)			
No	217 (65.8%)	85 (58.6%)	142 (63.4%)	155 (61.3%)	120 (66.3%)			
χ^2, chi squared; df, degrees of freedom; <i>p</i>, probability value (statistically significant <.05).								