

Table 6 Linear Discriminant Analysis data are presented for all population and for each gender. Eigen values, Wilks Lambda and Chi2 results are shown, together with the Canonical Discriminant Function Coefficients for the 2 postulated functions. Discriminant variables were Age, BMI, W stress B Covid, W interruptions B Covid, W multitask B Covid, N days of lockdown, How are you living confinement, How is your depression, How is your anxiety, How is your irritability, How are your worries vs uncertainty, Sleep duration weekdays during COVID, Food REC NO, N morbidities, Morbidities Worse, Morbidities Better

Linear discriminant analysis														
All					Female gender					Male gender				
Eigenvalues					Eigenvalues					Eigenvalues				
Function	Eigen values	% of Variance	Cumulative %	Canonical Correlation	Function	Eigen values	% of Variance	Cumulative %	Canonical Correlation	Function	Eigen values	% of Variance	Cumulative %	Canonical Correlation
1	.187	77.9	77.9	0.397	1	.190	75.1	75.1	0.400	1	.286	71.2	71.2	0.472
2	.053	22.1	100.0	0.224	2	.063	24.9	100.0	0.244	2	.115	28.8	100.0	0.322
Wilks Lambda					Wilks Lambda					Wilks Lambda				
Function test	Wilks Lambda	Chi2	df	Sig.	Function test	Wilks Lambda	Chi2	df	Sig.	Function test	Wilks Lambda	Chi2	df	Sig.
1 until 2	0.800	410.449	26	0.000	1 until 2	0.790	267.676	32	0.000	1 until 2	0.697	234.623	32	0.000
2	0.950	94.906	12	0.000	2	0.941	69.587	15	0.000	2	0.897	71.037	15	0.000
Standardized Canonical Discriminant Function Coefficients					Standardized Canonical Discriminant Function Coefficients					Standardized Canonical Discriminant Function Coefficients				
Function					Function					Function				
	1	2				1	2				1	2		
Age	0.420	-0.319			Age	0.159	-0.496			Age	-0.272	-0.303		
BMI	0.205	0.131			BMI	0.131	0.026			BMI	-0.091	-0.022		
W_stress_B_Covid	-0.027	0.500			W_stress_B_Covid	0.155	0.372			W_stress_B_Covid	-0.107	0.209		
W_interruptions_B_Covid	0.120	0.195			W_interruptions_B_Covid	0.150	0.139			W_interruptions_B_Covid	-0.174	0.102		
W_multitask_B_Covid	-0.065	0.121			W_multitask_B_Covid	0.042	0.132			W_multitask_B_Covid	0.168	0.042		
N_days of lockdown	0.045	0.247			N_days of lockdown	0.054	0.110			N_days of lockdown	-0.145	0.173		
How are you living confinement	0.147	0.195			How are you living confinement	0.182	-0.024			How are you living confinement	-0.173	-0.112		

How is your depression	-0.003	-0.132	How is your depression	0.089	-0.216	How is your depression	0.136	-0.245
How is your anxiety	-0.483	0.212	How is your anxiety	-0.337	0.523	How is your anxiety	0.147	0.322
How is your irritability	-0.194	-0.427	How is your irritability	-0.283	-0.256	How is your irritability	0.155	-0.055
How are your worries vs uncertainty	-0.144	0.022	How are your worries vs uncertainty	0.050	0.081	How are your worries vs uncertainty	0.256	-0.119
Sleep duration weekdays during Covid	0.003	0.121	Sleepduration weekdays during Covid	0.018	0.057	Sleepduration weekdays during Covid	0.056	-0.065
Food_REC_NO	-0.023	-0.378	Food_REC_NO	-0.260	-0.173	Food_REC_NO	-0.103	-0.019
N_morbidities	0.104	0.166	N_morbidities	0.104	0.166	N_morbidities	0.012	-0.077
Morbidities_Worse	-0.378	0.116	Morbidities_Worse	-0.378	0.116	Morbidities_Worse	0.500	0.001
Morbidities_Better	0.445	0.350	Morbidities_Better	0.445	0.350	Morbidities_Better	-0.169	0.860