

Appendix 1. Frequency of NMP severity in students by electronic device ownership and Chi-square test

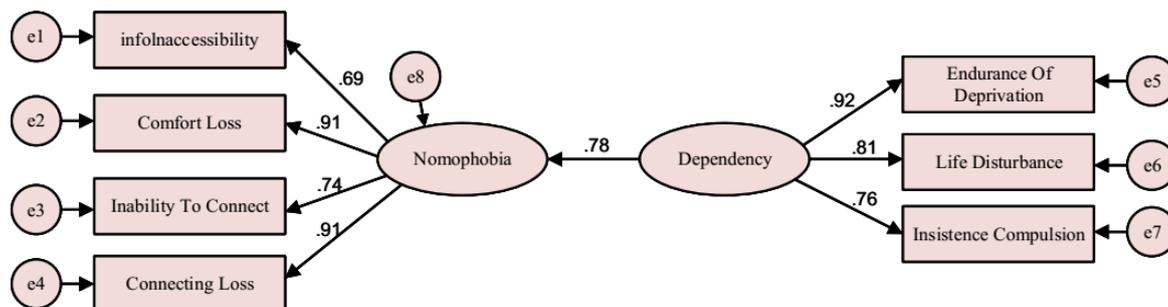
Variable	Level	NMP								T-statistic	Significance Level	Correlation Coefficient
		Normal		Mild		Moderate		Severe				
Personal computer	Yes	3	%1.4	108	%30.7	146	%41.5	93	%26.4	0.684	0.877	-0.018
	No	3	%1.3	71	%31	101	%44.1	54	%23.6			
Laptop	Yes	7	%3	75	%32.1	98	%41.9	54	%23.1	8.487	*0.037	0.063
	No	1	%0.3	105	%30.1	149	%42.7	94	%26.9			
Tablet	Yes	2	%0.8	73	%28.7	144	%44.9	65	%25.6	2.253	0.469	-0.044
	No	6	%1.8	107	%32.8	133	%40.8	80	%24.5			
Mobile phone	Yes		%1.5	157	%29.2	227	%42.2	146	%27.1	11.751	**0.008	**-0.124
	No	0	0	23	%46.9	22	%44.9	4	%8.2			
Access to social networks Smartphone	Yes	4	%0.8	148	%28.5	228	%43.8	140	%26.9	25.365	***0.000	***-0.165
	No	4	%6.1	32	%48.5	20	%30.3	10	%15.2			
Connection to the internet Daily use of mobile phone	Yes	7	%1.2	170	%29.9	242	%42.6	149	%26.2	8.003	*0.046	**-0.111
	No	1	%5	10	%50	8	%40	1	%5			
Mobile phone use (year) Access to social networks	Yes	7	%1.2	166	%29.4	243	%43	149	%26.4	13.752	**0.003	***-0.148
	No	1	%4.3	14	%60.9	7	%30.4	1	%4.3			
Smart phone Connection to the internet Daily use of mobile phones	Below 1 hour	4	%3.4	58	%50	44	%37.9	10	%8.6	111.20	***0.000	***0.401.
	1-2 hours	2	%1.1	69	%37.3	90	%48.6	24	%13			
	2-4 hours	0	0	26	%22.4	5	%50	32	%27.6			
	Above 4 hours	1	%0.6	24	%14.6	56	%34.1	83	%50.6			
Access to social networks	Below 1 year	3	%4.6	27	%41.5	23	%35.4	12	%18.5	40.777	***0.000	***0.226
	1-2 years	1	%2.9	18	%52.9	10	%29.4	5	%14.7			
	2-3 years	1	%2.1	18	%37.5	23	%47.9	6	%12.5			
	3-4 years	1	%1.3	27	%34.6	35	%44.9	15	%19.2			
	4-5 years	1	%0.8	34	%28.6	53	%44.5	31	%26.1			
	Above 5 years	0	0	55	%22.9	104	%43.3	81	%33.8			

Appendix 2. Results of Pearson's correlation coefficient and its impact values to investigate the linear relationship between NMP dimensions

Codes	Variables	1	2	3	4	5	6	7	8	9
1	Tolerance of deprivation	-								
2	Disorders in life	*0.745	-							
3	Coercion-insistence	*0.688	*0.629	-						
4	Lack of access to information	*0.534	*0.406	*0.431	-					
5	Loss of comfort and well-being	*0.668	*0.557	*0.546	*0.670	-				
6	Inability to communicate	*0.475	*0.386	*0.456	*0.546	*0.661	-			
7	Loss of connection	*0.656	*0.553	*0.547	*0.607	*0.744	*0.683	-		
8	MPD	*0.917	*0.873	*0.877	*0.518	*0.666	*0.497	0.661	-	
9	NMP	*0.672	*0.551	*0.576	*0.779	*0.889	*0.871	*0.889	*0.678	-

* Significant at the error level of 0.01.

Appendix 3. Results of path analysis using a conceptual model



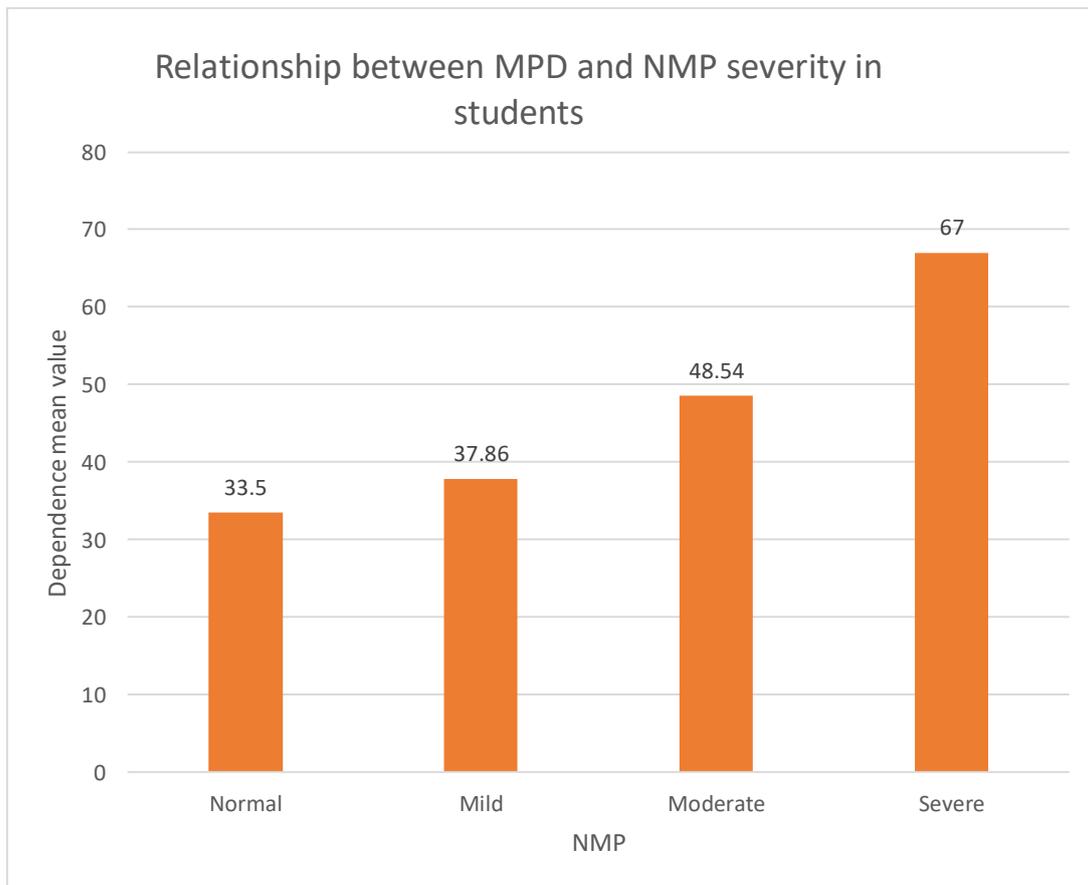
Appendix 4. Path analysis results to investigate the relationship between NMP and MPD in students

Dependent Variable	Independent variable	Coefficient	Standard Coefficient	SD	T-statistic	Significance Level	R²
MPD	Tolerance of deprivation	1.000	0.920	-	-	-	0.846
	Disorders in life	0.811	0.807	0.033	24.781	***0.000	0.651
	Coercion-Insistence	0.804	0.758	0.036	22.054	***0.000	0.575
NMP	Lack of access to information	0.640	0.690	0.036	17.530	***0.000	0.476
	Loss of comfort and well-being	0.945	0.912	0.037	20.497	***0.000	0.832
	Inability to communicate	0.807	0.736	0.040	20.411	***0.000	0.541
	Loss of connection	1.000	0.907	-	-	-	0.823
NMP	MPD	0.966	0.780	0.047	20.691	***0.000	0.609

Appendix 5. ANOVA results to investigate the relationship between MPD and NMP severity in students

NMP	No.	Dependence Mean Value	SD	F-statistic	Significance Level	Tukey's Test for Post-hoc Analysis
Normal	8	33.50	27.35	118.95	***0.000	Normal=Mild<Moderate<Severe
Mild	180	37.86	11.94			
Moderate	250	48.54	14.59			
Severe	150	67.00	15.32			

Appendix 6. Changes in MPD at different levels of NMP in students



Appendix 7. Distribution of MPD and NMP scores in students, showing a linear relationship

