SUPLEMENTARY MATERIALS

Table S1. Descriptive statistics ($N = 954$)

Variable	Range	M	SD	Median	Skewness	Kurtosis
Instagram addiction	6-30	16.43	6.41	16	0.23	–0.88
Life satisfaction	5-35	20.71	6.74	21	–0.24	–0.65
Loneliness general	0-11	5.65	3.52	6	–0.04	–1.26
Emotional loneliness	0-6	3.26	2.09	3	–0.15	–1.32
Social loneliness	0-5	2.39	1.78	2	0.10	–1.35

Table S2. Model A validity measures for Instagram addiction, life satisfaction, and general loneliness ($N = 954$)

Variable	α	CR	AVE	MSV	Correlations r 1	2	3	HTMT 1	2
1. Instagram addiction	0.865	0.860	0.509	0.030	**0.713**				
2. Life satisfaction	0.882	0.888	0.615	0.249	–0.157***	**0.784**		0.000	
3. Loneliness general	0.867	0.898	0.815	0.249	0.172***	–0.499***	**0.903**	0.154	0.000

Note. α = Cronbach's α, CR = composite reliability, AVE = average variance extracted, MSV = maximum shared variance, HTMT = heterotrait-monotrait, numbers in bold are the square root of the AVE. ***$p < 0.001$

Table S3. Model B validity measures for Instagram addiction, life satisfaction, emotional loneliness, and social loneliness ($N = 954$)

Variable	α	CR	AVE	MSV	Correlations r 1	2	3	4	HTMT 1	2	3
1. Instagram addiction	0.865	0.860	0.509	0.038	**0.713**						
2. Life satisfaction	0.882	0.888	0.615	0.232	–0.157***	**0.784**			0.000		
3. Emotional loneliness	0.798	0.799	0.400	0.656	0.195***	–0.481***	**0.633**		0.196	0.000	
4. Social loneliness	0.790	0.809	0.461	0.656	0.098*	–0.415***	0.810***	**0.679**	0.090	0.000	0.828

Note. α = Cronbach's α, CR = composite reliability, AVE = average variance extracted, MSV = maximum shared variance, HTMT = heterotrait-monotrait, numbers in bold are the square root of the AVE. *$p < 0.05$, ***$p < 0.001$.
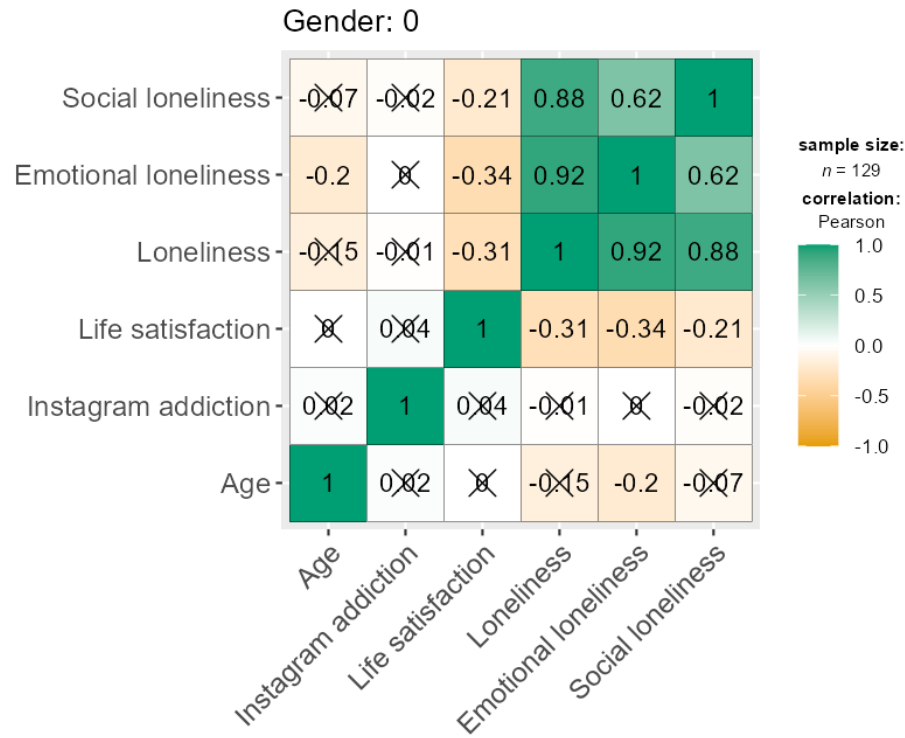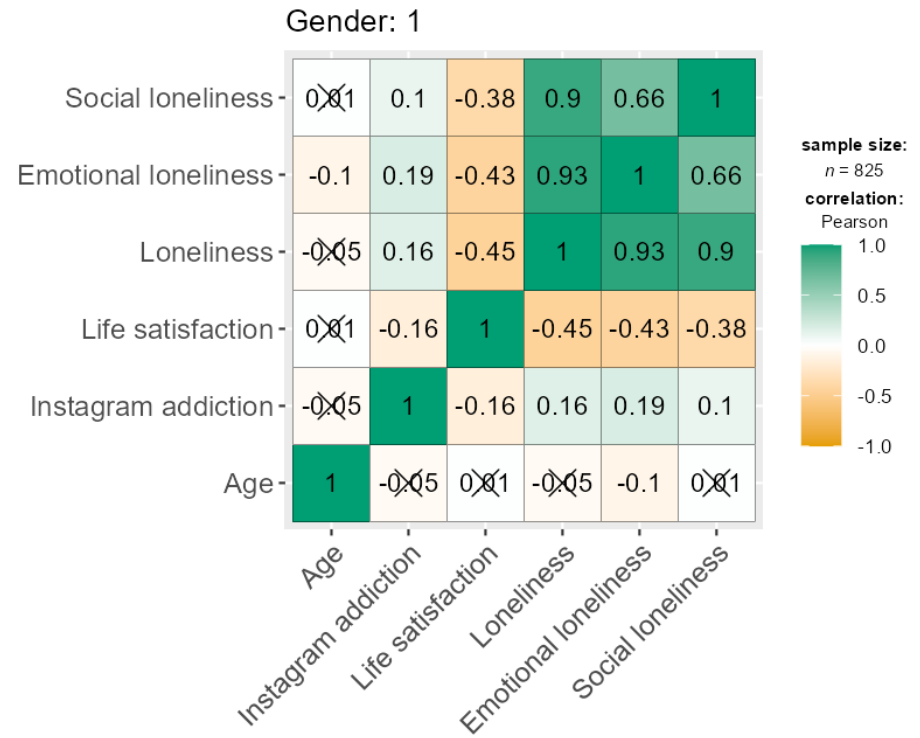
Figure S1. Correlation matrix for gender differences (Men = 0, n = 129; Women = 1, n = 825).