

Sociodemographic and Psychometric Characteristics

Supplementary Table S1. Sociodemographic and Psychometric Characteristics of the Subjects

Variables		High-support phase		Ostracism phase	Comparison
	n (%)	Mean \pm SD (min-max)	Mean \pm SD (min-max)	Mean \pm SD (min-max)	
Age	N/A	21.7 \pm 1.6 (18-24)	N/A	N/A	N/A
Gender		N/A	N/A	N/A	N/A
Female	10 (55.6)				
Male	8 (44.4)				
Rosenberg Self-Esteem Scale	N/A	21.6 \pm 3.6 (16-27)	N/A	N/A	N/A
Multidimensional Scale of Perceived Social Support	N/A	64.6 \pm 13.8 (43-84)	N/A	N/A	N/A
Inventory of Socially Supportive Behaviors	N/A	141.8 \pm 25.9 (95-194)	N/A	N/A	N/A
Need-Threat Scale	Subscale				
	Belonging		3.75 \pm .74 (2.80-5.00)	2.91 \pm 1.00 (1.00-4.60)	Z= -3.082 p=.002
	Self-Esteem		3.92 \pm .71 (2.80-5.00)	2.60 \pm .79 (1.00-4.00)	Z = -3.415 p=.001
	Meaning of existence		4.06 \pm .70 (2.60-5.00)	3.13 \pm .88 (1.00-4.60)	Z = -2.923 p=.003
	Control		3.04 \pm .75 (1.00-4.20)	2.55 \pm .76 (1.20-3.60)	Z = -2.885 p=.004
Emotional status ^a		<i>Before the Study</i>	<i>After the Study</i>		
	Motivation		8.58 \pm 1.46 (6-10)	8.29 \pm 1.79 (5-10)	Z= -.406 p=.685
	Happiness		8.47 \pm 1.84 (5-10)	8.70 \pm 1.79 (4-10)	Z = -.731 p=.465
	Sadness		1.58 \pm 1.06 (1-5)	2.23 \pm 1.88 (1-7)	Z = -1.420 p=.156
	Fear		3.00 \pm 2.44 (1-8)	2.11 \pm 2.44 (1-10)	Z = -1.231 p=.218
	Anger		1.11 \pm .33 (1-2)	1.52 \pm 1.28 (1-6)	Z = -1.289 p=.197

^aVAS: Visual analog scale (1-10), N/A: Not applicable

Supplementary Table S2. Distribution of the Images Used in the Experiment According to the Difficulty Level

Image Group	Correct or Incorrect Answers		Score Difference	The number and percentage of images used in the HSP	The number and percentage of images used in the FP	The number and percentage of images used in the OP
1	✓	✓	<1	5 20%	5 20%	5 20%
2	✓	✗	<1	4 16%	5 20%	6 24%
3	✗	✓	<1	7 28%	3 12%	5 20%
4	✗	✗	<1	5 20 %	5 20%	5 20%
5	✓	✓	>3	1 4%	2 8%	1 4%
6	✓	✗	>3	0	1 4%	2 8%
7	✗	✓	>3	2 8%	2 8%	0
8	✗	✗	>3	1 4%	2 8%	1 4%
				Total difficult image ratio: 84%	Total difficult image ratio: 72%	Total difficult image ratio: 84%
				easy image ratio: 16%	easy image ratio: 28%	easy image ratio: 16%
				Win rate in difficult images: 72% lose: 12%	Win rate in difficult images: 40% lose: 32%	Win rate in difficult images: 12% lose: 72%