



Supplementary file 1

Rho Spearman range correlations for coping strategies in relation to age. .

	Age
Acceptance	−0.147 **
Active coping	−0.172 **
Self-blame	−0.291 **
Planning	−0.104 *
Humor	−0.172 **
Emotional support	−0.119 *
Use of informational support	−0.162 **
Positive reframing	−0.093
Venting	−0.276 **
Self-distraction	−0.159 **
Denial	−0.028
Behavioral disengagement	0.010
Substance use	−0.296 **
Religion	0.166 **
Problem-Focused Coping	−0.151 **
Emotion-Focused Coping	−0.221 **
Avoidant Coping	−0.163 **

* $p < 0.05$; ** $p < 0.01$.

Coping strategies in relation to gender.

	female (n = 238)		male (n = 160)		U	p	rg
	Mdn	Mrang	Mdn	Mrang			
Acceptance	2.00	205.22	2.00	190.99	17678.50	0.216	0.07
Active coping	2.00	205.36	2.00	190.78	17645.50	0.206	0.07
Self-blame	1.00	215.50	1.00	175.70	15232.50	0.001	0.20
Planning	2.00	201.31	2.00	196.81	18609.00	0.695	0.02
Humor	1.00	197.26	1.00	202.83	18507.00	0.627	0.03
Emotional support	2.00	210.49	1.50	183.16	16425.00	0.018	0.14
Use of informational support	1.50	214.60	1.50	177.04	15446.50	0.001	0.19
Positive reframing	2.00	211.08	1.50	182.28	16284.50	0.013	0.14
Venting	1.50	223.44	1.00	163.89	13343.00	<0.001	0.30
Self-distraction	1.50	207.95	1.50	186.93	17029.00	0.069	0.11
Denial	1.00	214.57	0.50	177.09	15454.50	0.001	0.19
Behavioral disengagement	0.50	210.32	0.50	183.41	16465.50	0.018	0.14
Substance use	0.00	204.62	0.00	191.88	17821.00	0.166	0.06
Religion	1.00	205.06	0.50	191.23	17716.00	0.218	0.07
Problem-Focused Coping	1.75	208.81	1.75	185.65	16824.00	0.048	0.12
Emotion-Focused Coping	1.33	218.01	1.17	171.96	14633.50	<0.001	0.23
Avoidant Coping	0.88	216.20	0.75	174.66	15065.00	<0.001	0.21

Mdn – median; Mrang – mean range; U – U Mann-Whitney test result; p – p-value; rg – Glass's estimator of effect size.

Coping strategies in relation to employment status.

	employed (n = 31)		unemployed (n = 26)		U	p	rg
	Mdn	Mrang	Mdn	Mrang			
Acceptance	1.50	32.08	1.25	25.33	307.50	0.119	0.24
Active coping	2.00	32.73	1.50	24.56	287.50	0.057	0.29
Self-blame	1.50	32.08	1.00	25.33	307.50	0.121	0.24
Planning	2.00	34.81	1.00	22.08	223.00	0.003	0.45
Humor	1.00	30.19	0.75	27.58	366.00	0.540	0.09
Emotional support	2.00	33.69	1.00	23.40	257.50	0.017	0.36
Use of informational support	1.50	33.58	1.25	23.54	261.00	0.020	0.35
Positive reframing	1.50	31.50	1.50	26.02	325.50	0.205	0.19
Venting	1.50	34.02	1.00	23.02	247.50	0.011	0.39
Self-distraction	2.00	33.26	1.25	23.92	271.00	0.032	0.33
Denial	1.00	29.98	1.00	27.83	372.50	0.613	0.08
Behavioral disengagement	0.50	30.37	0.50	27.37	360.50	0.481	0.11
Substance use	1.00	33.47	0.00	23.67	264.50	0.017	0.34
Religion	0.00	27.56	0.00	30.71	358.50	0.421	0.11
Problem-Focused Coping	1.63	32.81	1.50	24.46	285.00	0.058	0.29
Emotion-Focused Coping	1.33	32.50	1.21	24.83	294.50	0.081	0.27
Avoidant Coping	1.13	33.71	0.88	23.38	257.00	0.019	0.36

Mdn – median; Mrang – mean range; U – U Mann-Whitney test result; *p* – *p*-value; rg – Glass's estimator of effect size.

Coping strategies in relation to education.

	I: primary (n = 25)		II: middle (n = 79)		III: higher (n = 119)		H(2)	p	ε ²	Post-hoc
	Mdn	Mrang	Mdn	Mrang	Mdn	Mrang				
a	0.50	62.16	2.00	110.46	2.00	123.50	19.53	< 0.001	0.088	a.I < a.II; a.I < a.III
b	1.50	90.64	2.00	109.47	2.00	118.17	4.08	0.130	0.018	
c	0.50	74.86	1.00	116.67	1.00	116.70	9.63	0.008	0.043	c.I < c.II; c.I < c.III
d	1.50	82.44	2.00	110.51	2.00	119.20	7.03	0.030	0.032	d.I < d.III
e	0.50	87.66	1.00	105.97	1.00	121.11	6.92	0.031	0.031	e.I < e.III
f	1.00	94.98	1.00	106.92	2.00	118.95	3.74	0.154	0.017	
g	1.00	85.06	1.50	113.11	1.50	116.92	5.24	0.073	0.024	
h	1.00	88.66	1.50	106.36	2.00	120.65	6.24	0.044	0.028	h.I < h.III
i	1.00	79.26	1.00	103.23	1.50	124.70	13.03	0.001	0.059	i.I < i.III; i.II < i.III
j	1.00	89.50	1.50	115.73	1.50	114.25	3.56	0.169	0.016	
k	1.00	106.68	1.00	111.36	1.00	113.54	0.26	0.877	0.001	
l	0.00	96.96	0.50	114.09	0.50	113.77	1.64	0.441	0.007	
m	0.00	108.20	0.00	105.70	0.00	116.98	1.97	0.374	0.009	
n	0.00	100.54	0.00	110.01	0.00	115.73	1.51	0.471	0.007	
o	1.38	89.24	1.75	108.96	1.75	118.80	4.62	0.099	0.021	
p	0.92	72.92	1.25	107.20	1.33	123.40	13.37	0.001	0.060	p.I < p.II; p.I < p.III
q	0.75	93.24	0.88	110.84	0.88	116.71	2.79	0.248	0.013	

a– acceptance; b– active coping; c– self-blame; d– planning; e– humor; f– emotional support; g– use of informational support; h– positive reframing; i– venting; j– self-distraction; k– denial; l– behavioral disengagement; m– substance use; n– religion; o– problem-focused coping; p– emotion-focused coping; q– avoidant coping. Mdn– median; Mrang– mean range; H– Kruskal-Wallis test result; *p*– *p*-value; ε²– effect size.

Coping strategies in distinct subgroups – interactive approach.

		<i>M</i>	<i>SD</i>	<i>F</i>	<i>p</i>	η^2	<i>Post-hoc</i>
A	Problem-focused	1.67	0.69	377.65	0.000	0.482	B < A
B	Emotions-focused	1.24	0.50				C < A
C	Avoidant	0.86	0.49				C < B
I	Psoriasis	1.13	0.69	4.89	0.002	0.036	I < II
II	Multiple Scleroma	1.36	0.62				
III	Kidney Transplant	1.23	0.68				
IV	Dialyses	1.29	0.62				
I.A		1.51	0.78	3.94	0.002	0.015	I.B < I.A; I.C <
I.B		1.10	0.55				I.A; I.C < I.B;
I.C		0.79	0.51				II.B < II.A;
II.A		1.75	0.63				II.C < II.A;
II.B		1.33	0.45				II.C < II.B;
II.C		1.01	0.52				III.B < III.A;
III.A		1.75	0.67				III.C < III.A;
III.B		1.22	0.46				III.C < III.B;
III.C		0.71	0.41				IV.B < IV.A;
IV.A		1.64	0.64				IV.C < IV.A;
IV.B		1.29	0.52				IV.C < IV.B;
							I.A < II.A; I.A
							< III.A; I.B <
							II.B; I.B <
IV.C		0.92	0.48				IV.B; I.C <
							II.C; III.C <
							II.C; III.C <
							IV.C;

M – mean; SD – standard deviation; F– ANOVA test result; p – p-value; η^2 – eta-2 estimator of effect.