

Central Lancashire Online Knowledge (CLoK)

Title	Effects of family functioning on eating pathology and psychosocial quality of
	life: the mediating role of self-esteem
Type	Article
URL	https://clok.uclan.ac.uk/id/eprint/43722/
DOI	https://doi.org/10.1002/erv.2947
Date	2022
Citation	Theodoropoulou, Olga, Gardner, Kathryn Jane, Caswell, Noreen, Holyoak, Lynda and Gonidakis, Fragiskos (2022) Effects of family functioning on eating pathology and psychosocial quality of life: the mediating role of selfesteem. European Eating Disorders Review. ISSN 1072-4133
Creators	Theodoropoulou, Olga, Gardner, Kathryn Jane, Caswell, Noreen, Holyoak, Lynda and Gonidakis, Fragiskos

It is advisable to refer to the publisher's version if you intend to cite from the work. https://doi.org/10.1002/erv.2947

For information about Research at UCLan please go to http://www.uclan.ac.uk/research/

All outputs in CLoK are protected by Intellectual Property Rights law, including Copyright law. Copyright, IPR and Moral Rights for the works on this site are retained by the individual authors and/or other copyright owners. Terms and conditions for use of this material are defined in the http://clok.uclan.ac.uk/policies/

Supplementary tables

Table A.

Means, standard deviations and one-way analyses of variance (ANOVA) in self-esteem, family functioning and psychosocial QoL among the ED Subtypes.

Measure	Al	N	В	N	BE	ED	F(2,151)	p	ω^2
	M	SD	M	SD	M	SD			
Self-esteem	14.60	4.93	14.18	5.77	16.37	5.67	2.29	.105	.02
General family functioning	2.41	.65	2.52	.63	2.28	.61	1.97	.144	.01
Problem solving	2.38	.45	2.45	.56	2.26	.57	1.63	.199	.01
Communication	2.49	.61	2.55	.58	2.33	.62	1.90	.154	.01
Roles	2.53	.43	2.41	.38	2.57	.37	2.25	.108	.02
Affective responsiveness	2.52	.69	2.64	.60	2.36	.73	2.43	.092	.02
Affective involvement	2.21	.55	2.35	.48	2.19	.53	1.54	.217	.01
Behaviour control	2.21	.43	2.18	.40	2.25	.40	.44	.648	.01
Psychological health (QoL)	11.20	3.06	10.88	3.21	11.73	2.88	1.05	.354	.00
Social relationships (QoL)	11.91	3.97	11.64	3.56	11.78	3.80	.07	.934	.01

^{***} *p* <.001; ** *p* <.01; * *p* <.05

Note: AN: n = 45, BN: n = 60, BED: n = 49

Table B Bivariate correlations (two-tailed), means and standard deviations for observed variables with the structural equation model for the patient group (n = 154)

group (n = 154)					_		_	_	_					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1. Problem solving	-													
2. Communication	.76***	-												
3. Roles	.53***	.56***	-											
4. Affective Responsiveness	.61***	.79***	.44***	-										
5. Affective Involvement	.59***	.72***	.56***	.64***	-									
6. Behaviour Control	.51***	.41***	.48***	.29***	.43***	-								
7. General Functioning	.80***	.89***	.59***	.79***	.77***	.46***	-							
8. Self-esteem	31***	29***	19 [*]	33***	23**	29***	31***	-						
9. Psychological Health	38***	36***	23**	35***	30***	30***	41***	.74***	-					
10. Social Relationships	22**	23 ^{**}	25**	23**	25**	26**	30***	.51***	.65***	-				
11. Restraint	.13	.10	.07	.12	.16	.00	.18*	25**	26 ^{**}	16	-			
12. Eating Concern	.22**	.23**	.14	.21**	.23**	.12	.25**	43***	54***	40***	.53***	-		
13. Shape Concern	.21**	.16*	.13	.12	.20*	.09	.24**	48 ^{***}	54***	40 ^{***}	.52***	.72***	-	
14. Weight Concern	.18 [*]	.13	.05	.08	.17*	.02	.20*	47***	51 ^{***}	38 ^{***}	.53***	.69***	.90***	-
Mean	2.37	2.46	2.49	2.52	2.26	2.21	2.41	15.00	11.24	11.76	2.98	2.66	3.84	3.46
SD	.54	.61	.40	.68	.52	.41	.64	5.55	3.06	3.74	1.68	1.51	1.59	1.56
Range	1-4	1-4	1-4	1-4	1-4	1-4	1-4	0-30	4-20	4-20	0-6	0-6	0-6	0-6

^{*}*p* <.05, ***p* <.01, ****p* <.001

Table C

Bivariate correlations (two-tailed), means and standard deviations for observed variables with the structural equation model for the control group (n = 153)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1. Problem Solving	-													
2. Communication	.59***	-												
3. Roles	.48***	.47***	-											
4. Affective Responsiveness	.44***	.70***	.41***	-										
5. Affective Involvement	.40***	.56***	.42***	.40***	-									
6. Behaviour Control	.33***	.46***	.37***	.38***	.36***	-								
7. General Functioning	.66***	.80***	.56***	.72***	.63***	.48***	-							
8. Self-esteem	27 ^{**}	35***	28***	28 ^{***}	35***	29***	41***	-						
9. Psychological Health	36****	39***	42 ^{***}	30***	34***	30***	46***	.63***	-					
10. Social Relationships	26 ^{**}	39***	34***	39***	32***	29***	49***	.41***	.59***	-				
11. Restraint	02	.04	.09	.14	.14	.01	.03	11	08	.09	-			
12. Eating Concern	00	10	11	13	22 ^{**}	06	16 [*]	36***	.34***	.08	45***	-		
13. Shape Concern	07	.06	.13	.14	.16*	.03	.11	35***	41***	19*	.55***	80***	-	
14. Weight Concern	13	01	.13	.11	.18*	02	.06	31***	35***	15	.59***	74***	.91***	-
Mean	2.05	2.08	2.34	2.16	2.03	2.00	1.92	20.73	14.61	14.95	1.28	.64	1.60	1.24
SD	.36	.37	.37	.53	.38	.29	.38	4.03	1.98	2.89	1.16	.71	1.28	1.20
Range	1-4	1-4	1-4	1-4	1-4	1-4	1-4	0-30	4-20	4-20	0-6	0-6	0-6	0-6

^{*}p <.05, **p <.01, ***p <.001

Note: Means (SD) reported for the four eating pathology variables are prior to transformation but their correlation values are reported post-inverse transformation as they were entered transformed in the SEM analysis.