

Table S1. Correlations between MPQ- mental pain, CID-20-mental pain item, EAT-40 and BDI-II and the CID-20-depression items in ED patients.

	Mental Pain Questionnaire	CASMP
ED and Depressive Symptomatology Questionnaires		
	<i>r (p)</i>	<i>r (p)</i>
EAT- Oral Control	.191 (.121)	.207 (.095)
EAT-Bulimia and food preoccupations	.234 (.057)	.329 (.007)
EAT- Dieting	.199 (.107)	.178 (.179)
BDI-II Somatic Affect symptoms	.593 (1.21)	.340 (.005)
BDI-II Cognitive symptoms	.587 (2.77)	.308 (.013)
Clinical Interview for Depression Items		
CID-20-Depressed mood	.341 (.004)	.400 (.001)
CID-20-Guilt	.302 (.012)	.081 (.509)
CID-20-Pessimism	.255 (.034)	.108 (.375)
CID-20-Suicidal tendencies	.493 (<0.001)	.292 (.015)
CID-20-Work and interests	.262 (.030)	.290 (.016)
CID-20-Energy and fatigue	.186 (.125)	.256 (.034)
CID-20-General anxiety	.297 (.013)	.460 (<0.001)
CID-20-Phobic anxiety	.208 (.087)	.079 (.521)
CID-20-Avoidance	.255 (.035)	.064 (.601)
CID-20-Somatic anxiety	.332 (.005)	.407 (.001)
CID-20-Irritability	.130 (.286)	-.008 (.946)
CID-20-Early insomnia	.276 (.022)	.403 (.001)
CID-20-Delayed insomnia	.092 (.450)	.323 (.007)
CID-20-Depressed appearance	.281 (.019)	.092 (.452)
CID-20-Environmental Reactivity	-.145 (.234)	-.352 (.003)

Abbreviations: BDI-II, Beck Depression Inventory II; CASMP, Clinical assessment for mental pain; CID-20, Clinical Interview for Depression-20 items; EAT-40, Eating Attitude Test-40.

Table S2. MANOVAs comparing ED patients with comorbid mental pain and ED patients without mental pain in EAT-40, BDI-II and CID-20 scores.

Multivariate Tests				
	λ	df	F(p)	η^2
EAT-40 Scales	.859	3.6	3.058 (.036)	.141
BDI-II	.851	2.00	4.88(.011)	.149
CID-20 Scales	.463	15.46	3.556 (.004)	.537
Univariate Tests				
	Mental Pain Presence (N=31) Mean \pm SD	Mental Pain Absence (N=40) Mean \pm SD	F(p)	η^2
EAT-Oral Control	12.52 \pm 7.57	9.21 \pm 9.46	.906 (.345)	.015
EAT -Bulimia and food preoccupations	12.45 \pm 6.46	8.03 \pm 6.76	5.801 (.019)	.091
EAT -Dieting	25.76 \pm 16.29	21.03 \pm 16.60	.846 (.362)	.014
BDI-II Somatic	17.46 \pm 6.07	11.79 \pm 6.91	9.91 (.003)	.148
BDI-II Cognitive	11.93 \pm 4.64	8.00 \pm 6.16	6.21 (.016)	.098
CID-20-Depressed mood	4.31 \pm 1.36	3.06 \pm 1.45	10.713 (.002)	.151
CID-20-Guilt	3.59 \pm 1.08	3.39 \pm 1.27	.494 (.485)	.008
CID-20-Pessimism	3.10 \pm 1.56	2.83 \pm 1.64	.445 (.507)	.007
CID-20-Suicidal tendencies	2.69 \pm 1.25	1.83 \pm 1.23	7.335 (.009)	.109
CID-20-Work and interests	4.00 \pm 1.60	2.61 \pm 1.87	7.891 (.007)	.116

CID-20-Energy and fatigue	3.93 ± 1.58	3.06 ± 1.65	4.304 (.042)	.067
CID-20-General anxiety	4.21 ± 1.52	2.64 ± 1.37	17.630 (.0001)	.227
CID-20-Phobic anxiety	2.31 ± 1.71	2.36 ± 1.74	.073 (.788)	.001
CID-20-Avoidance	2.10 ± 1.80	2.39 ± 1.97	.401 (.529)	.007
CID-20-Somatic anxiety	3.55 ± 1.68	2.39 ± 1.46	9.080 (.004)	.131
CID-20-Irritability	2.34 ± 1.20	2.25 ± 1.36	.025 (.874)	.000
CID-20-Early insomnia	2.55 ± 1.68	1.56 ± 1.05	10.216 (.002)	.145
CID-20-Delayed insomnia	2.97 ± 1.61	2.03 ± 1.55	4.865 (.031)	.075
CID-20-Depressed appearance	2.21 ± 1.29	1.81 ± 1.14	1.130 (.292)	.018
CID-20-Environmental Reactivity	3.66 ± 1.63	4.61 ± 1.35	6.991 (.010)	.104

Notes: Comparisons adjusted for age, BMI, and illness duration; statistical significance in bold.

After Bonferroni corrections p values were set at 0.017 for EAT-40 subscales, 0.025 for BDI-II subscales, and 0.003 for CID-20 subscales.

Abbreviations: BDI-II, Beck Depression Inventory II; CID-20, Clinical Interview for Depression-20 items; EAT-40, Eating Attitude Test-40; M, mean; SD, standard deviation.