

Supplementary Table 1. Selection of samples and clinical characteristics.

	Control (n=44)	MDD Resistant (n=94)	MDD Responder (n=47)	MDD Untreated (n=46)	P-Value	Total (n=231)
Age (Years)						
Mean (SD)	36.6 (7.12)	37.9 (7.49)	37.8 (8.11)	36.9 (8.50)	0.74 ^A	37.5 (7.73)
Sex						
Male	11 (25.0%)	28 (29.8%)	15 (31.9%)	15 (32.6%)	0.9 ^B	69 (29.9%)
Female	33 (75.0%)	66 (70.2%)	32 (68.1%)	31 (67.4%)		169 (70.1%)
BMI (kg/m²)						
Mean (SD)	25.5 (4.97)	27.6 (7.33)	27.9 (5.49)	26.4 (4.73)	0.18 ^A	27.0 (6.13)
Missing	2 (4.5%)	2 (2.1%)	1 (2.1%)	0 (0%)		5 (2.2%)
Hamilton Score						
Mean (SD)	0.86 (1.23)	18.16 (3.71)	4.09 (2.75)	20.09 (2.69)	<0.0001^C	12.38 (8.58)
Alcohol Use	22 (50.0%)	62 (66.0%)	32 (68.1%)	32 (69.6%)	0.2 ^B	148 (64.1%)
Tobacco Use	13 (29.6%)	36 (38.3%)	13 (27.7%)	15 (32.6%)	0.6 ^B	77 (33.3%)
Drug Use (any)	23 (52.3%)	43 (45.7%)	27 (57.5%)	21 (45.7%)	0.5 ^B	114 (49.4%)
Life Events Questionnaire Z-score						
Mean (SD)	-0.499 (0.541)	0.167 (1.090)	0.012 (0.991)	0.138 (1.033)	0.0021^A	0.000 (1.000)
Missing	0 (0%)	3 (3.2%)	0 (0%)	1 (2.2%)		4 (1.7%)
Infections	7 (15.9%)	30 (32.3%)	17 (36.2%)	15 (32.6%)	0.1 ^B	69 (30.0%)
Missing	0 (0%)	1 (1.1%)	0 (0%)	0 (0%)		1 (0.4%)
Chalder Fatigue Scale						
Mean (SD)	11.57 (3.19)	21.09 (5.54)	14.61 (5.35)	19.65 (5.23)	<0.0001^C	17.64 (6.33)
Missing	0 (0%)	1 (1.1%)	1 (2.1%)	3 (6.5%)		5 (2.2%)
Beck's Depression Inventory						
Mean (SD)	1.48 (1.57)	24.74 (9.69)	9.19 (8.25)	21.36 (7.30)	<0.0001^C	16.45 (12.2)
Missing	2 (4.5%)	3 (3.2%)	0 (0.0%)	2 (4.3%)		7 (3.0%)
Childhood Trauma Score						
Mean (SD)	62.40 (4.85)	62.09 (10.48)	62.44 (8.68)	62.07 (7.49)	0.9924 ^C	62.21 (8.63)
Missing	1 (2.3%)	5 (5.3%)	4 (8.5%)	2 (4.3%)		12 (5.2%)
State-Trait Anxiety Inventory						
Mean (SD)	91.67 (8.40)	88.50 (8.93)	86.79 (8.99)	88.74 (10.72)	0.1181 ^C	88.83 (9.28)
Missing	2 (4.5%)	4 (4.3%)	5 (10.6%)	4 (8.7%)		15 (6.5%)
Snaith-Hamilton Pleasure Scale						
Mean	16.68	32.56	22.65	31.62	<0.0001^C	27.27

(SD)	(3.86)	(7.30)	(6.86)	(5.68)		(9.02)
Missing	0 (0%)	3 (3.2%)	1 (2.1%)	1 (2.2%)		5 (2.2%)

P-Value in **bold** denotes significance after Bonferroni correction. Test type: A = one-way ANOVA; B = Pearson's Chi-squared Test; C = Poisson regression.