

	RCT 1		RCT 2		Additional		F	p
	n=18		n=15		n=8			
	Mean	SD	Mean	SD	Mean	SD		
Age	46.94	11.96	46.73	10.43	44.14	9.06	0.18	0.84
Age of onset of first depressive episode	19.11	8.09	16.20	6.82	19.33	3.78	0.8	0.46
Length of current episode (months)	14.94	13.40	20.93	27.51	19.50	22.96	0.34	0.71
BMI	32.15	6.00	27.85	5.89	28.86	3.13	2.58	0.09
Baseline BDI	30.00	8.17	29.73	6.43	27.00	9.04	0.45	0.64
Baseline HAM-D	21.22	4.04	23.00	4.00	21.75	5.15	0.73	0.48
Baseline MADRS	32.56	4.69	34.93	5.51	35.00	5.32	1.11	0.34
Baseline SHAPS	35.89	7.36	37.87	7.52	37.38	9.68	0.27	0.76
							X2 or Fisher's	
	n	%	n	%	n	%	exact	p
Female	12	67	8	53	3	38	1.99	0.37
Caucasian	15	83	14	93	5	63		0.36
Bipolar Depression	18	100	15	100	8	100		n/a
History of suicide attempt	9	50	7	47	2	25		0.08

RCT: Randomized controlled trial; BMI: body mass index; BDI: Beck Depression Inventory; HAM-D: Hamilton Depression

Rating Scale; MADRS: Montgomery-Asberg Depression Rating Scale; SHAPS: Snaith-Hamilton Pleasure Scale

Table 2b. Results of exploratory factor analysis (factor loadings and correlation matrix for 8-factor solution)

	1 (Depressed Mood)	2 (Tension)	3 (Negative Cognition)	4 (Suicidal Thoughts)	5 (Impaired Sleep)	6 (Reduced Appetite)	7 (Anhedonia)	8 (Amotivation)
CMARS_01	0.789*	-0.041	0.24	0.025	0.088	0.049	0.059	-0.047
CMARS_02	0.844*	-0.122	0.344*	-0.075	-0.046	0.064	-0.022	0.081
CMARS_13	0.245*	0.111	0.389*	0.371*	-0.039	-0.106	0.006	0.009
CMARS_14	0.02	0.158	0.607*	0.158	-0.106	-0.319*	-0.019	-0.212
CMARS_19	0.04	0.901*	0.074	-0.06	0	0.058	-0.072	0.026
CMARS_25	-0.004	0.863*	0.057	-0.008	-0.007	0.046	0.058	0.079
CMARS_29	0.169	0.027	0.01	0.700*	0.063	0.119	0.018	-0.450*
CMARS_32	0.051	0.002	-0.042	0.112	0.716*	-0.012	-0.143	-0.01
CMARS_35	0.016	0.126	-0.184	-0.001	0.695*	-0.18	0.126	-0.141
CMARS_37	0.047	-0.356*	0.188	0.003	0.619*	0.056	-0.213	-0.014
CMARS_39	-0.056	-0.188	-0.025	0.312*	0.578*	0.152	-0.326*	0.057
CMARS_43	0.061	0.028	0.058	-0.094	-0.024	0.917*	0.158	-0.227
CMARS_45	0.12	-0.022	0.238	0.04	-0.028	0.485*	-0.093	-0.04
CMARS_54	0.373*	0.075	0.061	-0.091	0.086	0.215	0.177	0.112
CMARS_60	0.285*	0.083	0.121	-0.02	0.128	0.201	0.082	0.226
CMARS_65	0.612*	0.072	-0.177	0.087	-0.035	0.087	0.171	0.159
CMARS_66	0.535*	0.254	-0.271	0.05	-0.006	0.251	-0.201	0.255
CMARS_77	0.086	0.234*	0.037	-0.043	0.247*	-0.021	-0.048	0.226
CMARS_85	-0.176	0.320*	0.007	0.191	0.321*	-0.066	-0.009	-0.036
CMARS_93	0.768*	0.244*	0.008	0.081	0.018	-0.032	-0.138	-0.214
CMARS_94	0.545*	-0.02	0.03	-0.028	0.03	-0.047	0.054	-0.168
CMARS_95	-0.131	0.283*	0.062	0.043	0.19	-0.213	0.233	-0.006
BDI_01	0.507*	0.017	0.244*	0.346*	0.026	-0.088	0.025	-0.033
BDI_02	0.157	-0.019	0.121	0.667*	0.148	-0.045	0.024	0.048
BDI_03	-0.049	0.003	0.489*	0.563*	0.022	0.042	-0.064	0.055
BDI_04	0.124	0.017	-0.098	0.372*	-0.058	-0.133	0.238	0.567*
BDI_05	0.04	0.004	0.713*	0.031	0.045	-0.308*	0.19	0.003
BDI_06	-0.201	0.129	0.482*	0.091	-0.127	0.154	-0.059	-0.059
BDI_07	0.03	0.076	0.533*	0.576*	-0.062	0.031	0.093	-0.007
BDI_08	0.04	0.003	0.736*	0.095	0.082	-0.208	0.019	-0.054

Table 2b. Results of exploratory factor analysis (factor loadings and correlation matrix for 8-factor solution)

	1 (Depressed Mood)	2 (Tension)	3 (Negative Cognition)	4 (Suicidal Thoughts)	5 (Impaired Sleep)	6 (Reduced Appetite)	7 (Anhedonia)	8 (Amotivation)
BDI_09	-0.048	0.005	0.186	0.780*	-0.021	0.029	-0.016	-0.400*
BDI_10	0.003	-0.029	0.588*	-0.089	-0.01	0.026	0.098	0.027
BDI_11	0.087	0.285*	0.268	-0.048	0.049	-0.14	0.224	0.222
BDI_12	0.115	0.013	0.095	0.274	-0.027	-0.11	0.268	0.328*
BDI_13	0.015	0.098	0.288	0.295*	0.087	-0.054	0.184	0.337*
BDI_14	-0.316*	0.019	0.700*	-0.015	0.045	-0.008	-0.02	0.129
BDI_15	-0.029	0.028	0.392*	0.022	-0.131	0.04	-0.045	0.718*
BDI_16	-0.052	0.039	0.075	-0.146	0.654*	0.174	0.018	0.019
BDI_17	-0.08	0.127	0.133	0.196	0.089	0.093	0.035	0.621*
BDI_18	0.158	0.015	-0.049	0.046	0.175*	0.759*	0.096	-0.052
BDI_19	-0.132	0.019	0.171	0.233	-0.003	0.057	-0.088	-0.169
BDI_20	-0.384*	0.300*	0.324*	0.079	0.076	0.017	-0.024	0.02
BDI_21	0.052	-0.048	0.342*	-0.043	0.068	0.046	0.300*	0.105
SH_01	0.001	0.004	-0.152	0.053	-0.121	0.330*	0.604*	0.141
SH_02	0.066	0.007	-0.109	0.363*	0.159	-0.026	0.425*	0.088
SH_03	0.147	-0.06	-0.06	0.213	-0.198*	0.048	0.411*	0.336*
SH_04	0.155	-0.035	-0.012	0.07	0.018	0.529*	0.386*	-0.002
SH_05	0.202	-0.119	0.055	0.386*	-0.045	0.136	0.259*	0.094
SH_06	-0.052	-0.068	-0.015	0.294*	0.063	0.276*	0.599*	-0.011
SH_07	-0.037	0.059	-0.013	0.195	-0.048	-0.013	0.718*	-0.285*
SH_08	-0.04	0.026	0.245*	-0.009	-0.061	0.107	0.798*	0.004
SH_09	-0.009	-0.244*	0.133	-0.088	0.182	-0.013	0.582*	0.255*
SH_10	-0.182	-0.003	0.002	0.003	0.143	0.215	0.657*	0.006
SH_11	-0.022	-0.125	-0.012	0.354*	0.009	-0.016	0.750*	0.026
SH_12	0.014	-0.019	-0.003	0.124	0.003	0.349*	0.624*	0.225*
SH_13	0.164	-0.006	-0.107	0.043	0.143	-0.039	0.571*	-0.057
SH_14	0.073	0.071	0.097	-0.133	-0.054	0.076	0.860*	-0.118

Table 2b. Results of exploratory factor analysis (factor loadings and correlation matrix for 8-factor solution)

	1 (Depressed Mood)	2 (Tension)	3 (Negative Cognition)	4 (Suicidal Thoughts)	5 (Impaired Sleep)	6 (Reduced Appetite)	7 (Anhedonia)	8 (Amotivation)
Correlations								
Factor 2	0.1	1						
Factor 3	0.116	0.357*	1					
Factor 4	0.230*	0.200*	0.197*	1				
Factor 5	0.012	0.099	0.132	0.09	1			
Factor 6	0.231*	-0.089	0.047	0.081	0.013	1		
Factor 7	0.320*	0.015	0.089	0.248*	0.056	0.163	1	
Factor 8	0.192	0.085	0.009	0.195	0.017	0.099	0.262*	1

Note: Statistically significant (uncorrected p-value <.05) loadings and correlations are marked with an asterisk.

Table S3. Pearson correlations between subscale scores (rows) and factor scores (columns), N=119

		Depressed Mood	Tension	Negative Cognition	Suicidal Thoughts	Impaired Sleep	Reduced Appetite	Anhedonia	Amotivation
Depressed Mood	<i>r</i>	0.94966	0.28899	0.43016	0.49591	0.03911	0.49476	0.45242	0.4758
	<i>p</i>	<.0001	0.0014	<.0001	<.0001	0.6728	<.0001	<.0001	<.0001
Tension	<i>r</i>	0.12139	0.84071	0.44954	0.22831	0.08897	-0.0886	0.01412	0.28033
	<i>p</i>	0.1885	<.0001	<.0001	0.0125	0.336	0.3379	0.8789	0.002
Negative Cognition	<i>r</i>	0.32325	0.53895	0.88566	0.55838	0.14113	0.07371	0.24884	0.4549
	<i>p</i>	0.0003	<.0001	<.0001	<.0001	0.1258	0.4256	0.0064	<.0001
Suicidal Thoughts	<i>r</i>	0.42082	0.30949	0.64313	0.94542	0.32965	0.23579	0.34143	0.41349
	<i>p</i>	<.0001	0.0006	<.0001	<.0001	0.0003	0.0098	0.0001	<.0001
Impaired Sleep	<i>r</i>	0.02953	0.0882	0.09676	0.26989	0.96183	0.05698	-0.03816	-0.01421
	<i>p</i>	0.7498	0.3402	0.2952	0.003	<.0001	0.5382	0.6803	0.8781
Reduced Appetite	<i>r</i>	0.43787	0.01543	0.1027	0.20921	0.04527	0.85648	0.46797	0.16107
	<i>p</i>	<.0001	0.8677	0.2664	0.0224	0.625	<.0001	<.0001	0.0801
Anhedonia	<i>r</i>	0.49916	0.08581	0.3335	0.41484	-0.00927	0.64593	0.97988	0.68179
	<i>p</i>	<.0001	0.3535	0.0002	<.0001	0.9203	<.0001	<.0001	<.0001
Amotivation	<i>r</i>	0.47668	0.37387	0.49547	0.42652	0.00854	0.25415	0.58481	0.94538
	<i>p</i>	<.0001	<.0001	<.0001	<.0001	0.9266	0.0053	<.0001	<.0001

Figure S1. Scatter plot of summed scores (vertical axis) versus factor scores (horizontal axis)

