

**Table S1A.** Impact of treatment in NT1 patients.

	NoTreatment NT1		Treatment NT1		
%	27.6		72.4		
Variable	Mean	SD	Mean	SD	M-W test
Activities	32.88	11.12	35.89	8.12	0.41
Social	41.25	4.95	41.21	8.15	0.87
School	46.38	5.66	47.81	5.51	0.66
Anxious/Depressed	63.50	8.50	59.67	9.32	0.17
Withdrawn/Depressed	64.63	9.18	64.81	9.97	0.84
Somatic Complaints	65.75	5.90	63.48	7.89	0.26
Social Problems	60.25	6.86	58.33	10.01	0.23
Thought Problems	65.13	10.51	65.00	7.96	0.94
Attention Problems	62.88	5.89	57.67	8.13	0.05
Rule-Breaking Behavior	57.50	8.16	53.19	4.17	0.21
Aggressive Behavior	61.50	5.63	58.29	8.67	0.11
Internalizing Problems	67.00	7.84	63.90	9.36	0.32
Externalizing Problems	60.50	6.80	55.14	8.20	0.12
Total Problems	65.63	6.91	59.95	9.18	0.13
Affective Disorder	74.00	7.24	68.95	7.32	0.19
Anxiety Disorder	64.50	9.22	59.60	7.51	0.22
Somatic Disorder	58.67	5.43	60.25	9.86	0.93
Attention Deficit/Hyperactivity Disorder	58.83	4.67	54.15	5.00	0.05
Oppositional Defiant Disorder	56.33	4.55	57.50	6.39	0.85
Conduct Disorder	57.67	7.89	53.95	5.70	0.20
Physical Functioning Parent Proxy Report	600.00	241.87	591.67	194.22	0.84
Emotional Functioning Parent Proxy Report	329.17	115.56	336.11	124.62	0.97
Social Functioning Parent Proxy Report	433.33	60.55	415.28	79.12	0.73
School Functioning Parent Proxy Report	250.00	121.45	322.22	100.33	0.19
Physical Health Summary Score Parent Proxy Report	75.00	30.23	73.96	24.28	0.81
Psychosocial Health Summary Score Parent Proxy Report	67.77	16.18	71.01	17.06	0.69
Physical Functioning Self Report	620.83	180.57	622.22	101.78	0.59
Emotional Functioning Self Report	291.67	116.90	350.00	91.56	0.35
Social Functioning Self Report	412.50	72.02	434.72	61.92	0.42
School Functioning Self Report	241.67	103.28	344.44	76.00	0.05
Physical Health Summary Score Self Report	77.50	22.50	77.60	12.55	0.55
Psychosocial Health Summary Score Self Report	63.06	14.04	74.91	11.41	0.09

**Table S1B.** Impact of treatment in NT1 patients: Sodium Oxybate.

	No Sodium Oxybate		Sodium Oxybate		
%	72.4		27.6		
Variable	Mean	SD	Mean	SD	M-W test
Activities	33.89	9.24	37.63	8.33	0.25
Social	40.16	5.58	43.75	10.24	0.27
School	47.38	5.18	47.50	6.61	1.00
Anxious/Depressed	61.86	9.46	57.75	7.94	0.23
Withdrawn/Depressed	65.10	9.59	63.88	10.23	0.92
Somatic Complaints	65.10	7.31	61.50	7.31	0.18
Social Problems	59.76	10.04	56.50	6.28	0.52
Thought Problems	65.81	9.19	63.00	6.59	0.35
Attention Problems	61.00	7.84	54.13	5.59	0.03
Rule-Breaking Behavior	54.57	6.01	53.88	5.28	0.94
Aggressive Behavior	60.29	8.31	56.25	6.63	0.20
Internalizing Problems	66.00	9.09	61.50	8.18	0.35
Externalizing Problems	57.81	7.80	53.50	8.54	0.23
Total Problems	63.14	8.74	57.25	8.26	0.16
Affective Disorder	70.89	7.77	68.13	6.77	0.38
Anxiety Disorder	61.39	7.96	59.25	8.48	0.39
Somatic Disorder	60.28	9.45	59.00	8.26	0.76
Attention Deficit/Hyperactivity Disorder	56.67	5.38	52.00	3.21	0.02
Oppositional Defiant Disorder	57.39	5.83	56.88	6.62	0.73
Conduct Disorder	55.56	6.90	53.13	4.64	0.57
Physical Functioning Parent Proxy Report	571.88	241.16	637.50	74.40	0.54
Emotional Functioning Parent Proxy Report	320.31	123.56	362.50	114.95	0.48
Social Functioning Parent Proxy Report	414.06	84.64	431.25	49.55	0.88
School Functioning Parent Proxy Report	268.75	105.87	375.00	75.59	0.02
Physical Health Summary Score Parent Proxy Report	71.48	30.14	79.69	9.30	0.52
Psychosocial Health Summary Score Parent Proxy Report	66.34	17.44	77.92	12.14	0.16
Physical Functioning Self Report	635.94	123.82	593.75	119.34	0.31
Emotional Functioning Self Report	320.31	90.47	365.63	114.90	0.39
Social Functioning Self Report	429.69	67.22	428.13	60.41	0.93
School Functioning Self Report	298.44	99.36	359.38	66.73	0.16
Physical Health Summary Score Self Report	79.26	15.31	74.22	14.92	0.30
Psychosocial Health Summary Score Self Report	69.69	12.19	76.46	13.93	0.24

**Table S1C.** Impact of treatment in NT1 patients: Modafinil.

	No Modafinil		Modafinil		
%	31.0		69.0		
Variable	Mean	SD	Mean	SD	M-W test
Activities	33.22	10.45	35.89	8.35	0.52
Social	42.22	5.47	40.72	8.09	0.47
School	47.22	5.87	47.50	5.46	0.98
Anxious/Depressed	62.44	8.56	59.95	9.47	0.30
Withdrawn/Depressed	63.00	9.87	65.55	9.62	0.67
Somatic Complaints	64.89	6.09	63.75	7.99	0.48
Social Problems	59.11	7.27	58.75	10.08	0.57
Thought Problems	64.44	10.04	65.30	8.04	0.79
Attention Problems	61.56	6.78	58.00	8.19	0.15
Rule-Breaking Behavior	56.78	7.93	53.30	4.24	0.27
Aggressive Behavior	60.33	6.32	58.65	8.73	0.29
Internalizing Problems	65.33	8.87	64.50	9.19	0.70
Externalizing Problems	59.11	7.61	55.50	8.24	0.28
Total Problems	63.78	8.51	60.50	9.06	0.37
Affective Disorder	72.14	8.23	69.35	7.27	0.49
Anxiety Disorder	63.57	8.77	59.68	7.70	0.26
Somatic Disorder	58.29	5.06	60.47	10.08	0.93
Attention Deficit/Hyperactivity Disorder	57.57	5.41	54.37	5.04	0.19
Oppositional Defiant Disorder	55.57	4.61	57.84	6.38	0.41
Conduct Disorder	56.71	7.63	54.11	5.81	0.24
Physical Functioning Parent Proxy Report	614.29	224.01	585.29	198.25	0.68
Emotional Functioning Parent Proxy Report	346.43	114.95	329.41	125.07	0.68
Social Functioning Parent Proxy Report	442.86	60.75	410.29	78.59	0.32
School Functioning Parent Proxy Report	264.29	117.13	320.59	103.17	0.29
Physical Health Summary Score Parent Proxy Report	76.79	28.00	73.16	24.78	0.65
Psychosocial Health Summary Score Parent Proxy Report	70.47	16.40	70.09	17.12	0.87
Physical Functioning Self Report	639.29	171.91	614.71	99.63	0.26
Emotional Functioning Self Report	321.43	132.62	341.18	86.12	0.85
Social Functioning Self Report	425.00	73.60	430.88	61.57	0.85
School Functioning Self Report	271.43	122.84	338.24	73.48	0.24
Physical Health Summary Score Self Report	79.82	21.44	76.65	12.26	0.24
Psychosocial Health Summary Score Self Report	67.86	18.05	73.63	10.35	0.38

**Table S1D.** Impact of treatment in NT1 patients: Venlafaxine.

	NoVenlafaxine		Venlafaxine		
%	89.7		6.9		
Variable	Mean	SD	Mean	SD	M-W test
Activities	35.38	9.14	27.00	0.00	0.07
Social	41.50	7.22	42.00	9.90	0.85
School	47.27	5.75	50.00	0.00	0.37
Anxious/Depressed	59.88	9.15	66.00	5.66	0.23
Withdrawn/Depressed	63.92	9.55	69.00	8.49	0.45
Somatic Complaints	64.19	7.61	64.50	7.78	0.86
Social Problems	58.58	9.32	58.50	10.61	0.93
Thought Problems	64.65	8.88	66.50	3.54	0.79
Attention Problems	59.42	8.13	55.00	5.66	0.42
Rule-Breaking Behavior	54.46	5.98	53.50	4.95	0.82
Aggressive Behavior	59.12	8.43	59.50	2.12	0.69
Internalizing Problems	64.27	9.25	68.00	5.66	0.32
Externalizing Problems	56.54	8.52	57.00	4.24	0.75
Total Problems	61.23	9.18	63.00	8.49	0.72
Affective Disorder	69.46	7.44	72.50	7.78	0.53
Anxiety Disorder	60.09	7.84	63.00	11.31	0.48
Somatic Disorder	59.78	9.31	61.00	9.90	0.72
Attention Deficit/Hyperactivity Disorder	55.35	5.43	55.50	4.95	0.84
Oppositional Defiant Disorder	56.91	6.24	58.50	0.71	0.44
Conduct Disorder	54.96	6.59	54.00	5.66	0.92
Physical Functioning Parent Proxy Report	606.82	193.68	225.00	.	0.20
Emotional Functioning Parent Proxy Report	345.45	118.68	175.00	.	0.20
Social Functioning Parent Proxy Report	418.18	76.45	475.00	.	0.44
School Functioning Parent Proxy Report	301.14	109.24	250.00	.	0.54
Physical Health Summary Score Parent Proxy Report	75.85	24.21	28.12	.	0.17
Psychosocial Health Summary Score Parent Proxy Report	70.60	17.18	60.00	.	0.36
Physical Functioning Self Report	625.00	126.07	625.00	.	0.82
Emotional Functioning Self Report	346.59	93.95	275.00	.	0.29
Social Functioning Self Report	432.95	64.27	425.00	.	0.76
School Functioning Self Report	320.45	97.17	300.00	.	0.76
Physical Health Summary Score Self Report	77.95	15.63	78.13	.	0.82
Psychosocial Health Summary Score Self Report	73.03	12.78	66.66	.	0.29

**Table S2:** Impact of treatment in IE patients.

	NoTreatment IE		Treatment IE		
%	64.1		35.9		
Variable	Mean	SD	Mean	SD	M-W test
Activities	35.28	6.47	36.14	9.21	0.99
Social	45.40	7.52	46.14	8.37	0.55
School	46.52	7.23	49.00	5.49	0.37
Anxious/Depressed	57.04	7.36	56.86	7.70	0.95
Withdrawn/Depressed	54.80	6.83	58.43	11.02	0.40
Somatic Complaints	57.56	5.37	58.79	9.74	0.86
Social Problems	56.60	6.76	56.71	4.05	0.43
Thought Problems	55.72	6.43	54.14	3.76	1.00
Attention Problems	56.44	5.22	58.00	7.58	0.71
Rule-Breaking Behavior	52.68	3.60	52.43	3.01	0.88
Aggressive Behavior	56.00	6.61	54.71	4.51	0.85
Internalizing Problems	54.52	9.77	54.86	13.98	1.00
Externalizing Problems	51.48	9.15	51.50	7.10	0.84
Total Problems	54.20	8.67	54.50	9.69	0.94
Affective Disorder	57.80	5.98	58.86	9.05	1.00
Anxiety Disorder	57.08	7.97	59.93	8.43	0.34
Somatic Disorder	56.32	6.14	58.79	9.53	0.48
Attention Deficit/Hyperactivity Disorder	55.64	5.84	55.50	5.87	0.77
Oppositional Defiant Disorder	56.28	7.04	54.07	4.10	0.33
Conduct Disorder	52.88	4.03	53.36	4.52	0.74