

eTable 3: Clinical Measures for sham and active DB stimulation

		Group A - active		Group B - sham		GLMM Statistics		t value	p-value
		Mean reduction	SD	Mean reduction	SD	Factor			
MADRS	Week 2	-18.38	5.48	-17.50	4.24	GROUP (on vs. off)	0.50	0.61	
	Week 3	-17.50	8.67	-14.88	8.35	TIME (week 1-8)	4.37	<0.001	
	Week 4	-18.50	7.63	-13.86	6.57	GROUPxTIME	-2.82	0.006	
	Week 5	-14.50	8.78	-11.25	7.32				
	Week 6	-16.38	8.98	-9.88	6.38				
	Week 7	-18.57	11.24	-6.86	6.64				
	Week 8	-17.14	10.09	-8.14	9.12				
	HDRS	Week 2	-16.50	6.32	-16.75	3.06	GROUP (on vs. off)	0.72	0.47
Week 3		-15.63	8.98	-14.88	6.29	TIME (week 1-8)	3.27	0.002	
Week 4		-17.13	9.91	-15.00	7.44	GROUPxTIME	-2.23	0.03	
Week 5		-13.00	7.37	-11.13	7.51				
Week 6		-13.88	8.84	-11.13	6.42				
Week 7		-15.86	9.70	-9.57	8.89				
Week 8		-16.43	9.41	-10.43	11.12				
SF-36ph		Week 2	0.33	13.11	0.13	7.88	GROUP (on vs. off)	-0.18	0.86
	Week 3	-2.33	5.99	-1.12	7.94	TIME (week 1-8)	-0.39	0.69	
	Week 4	-2.00	8.72	-4.43	9.86	GROUPxTIME	0.48	0.63	
	Week 5	-1.75	6.39	-3.71	7.57				
	Week 6	-0.86	8.05	-1.71	8.98				
	Week 7	-1.00	6.63	-1.14	11.03				
	Week 8	-3.29	4.75	0.57	8.99				
	SF-36mh	Week 2	6.83	5.78	9.13	7.51	GROUP (on vs. off)	-0.36	0.72
Week 3		9.00	7.18	7.50	5.83	TIME (week 1-8)	0.31	0.76	
Week 4		9.29	8.46	8.43	3.82	GROUPxTIME	-0.15	0.88	
Week 5		5.38	8.09	9.29	7.23				
Week 6		6.86	11.91	11.57	7.98				
Week 7		8.29	9.69	9.86	10.29				
Week 8		8.43	11.54	6.86	11.23				
GAF		Week 2	14.88	8.48	17.00	12.05	GROUP (on vs. off)	-0.83	0.41
	Week 3	17.38	10.18	24.38	16.85	TIME (week 1-8)	-1.44	0.15	
	Week 4	21.13	12.48	16.57	9.80	GROUPxTIME	1.07	0.29	
	Week 5	14.75	8.96	19.13	11.96				
	Week 6	19.88	8.01	17.50	14.89				
	Week 7	16.86	11.14	16.43	15.26				
	Week 8	14.71	11.99	15.57	17.25				
	BDI	Week 2	-16.00	13.03	-12.12	8.74	GROUP (on vs. off)	0.31	0.75
Week 3		-12.83	9.68	-12.12	8.21	TIME (week 1-8)	0.09	0.93	
Week 4		-6.57	12.79	-12.28	6.72	GROUPxTIME	0.34	0.74	
Week 5		-7.37	8.79	-13.50	7.23				
Week 6		-8.00	12.32	-14.25	6.06				
Week 7		-13.42	12.42	-13.00	9.83				
Week 8		-12.57	9.44	-12.00	9.38				
IDSSR		Week 2	-17.66	13.45	-16.00	12.23	GROUP (on vs. off)	0.94	0.34
	Week 3	-15.16	9.98	-16.62	14.21	TIME (week 1-8)	1.3	0.19	
	Week 4	-8.42	10.53	-15.28	15.85	GROUPxTIME	-0.89	0.37	
	Week 5	-9.50	9.30	-16.12	15.15				
	Week 6	-10.87	14.57	-16.37	14.04				
	Week 7	-16.85	11.79	-14.57	16.37				
	Week 8	-16.57	13.15	-12.57	13.80				
	SLC-90	Week 2	-10.33	11.36	-16.85	8.37	GROUP (on vs. off)	1.15	0.25
Week 3		-9.66	9.45	-13.75	11.74	TIME (week 1-8)	1.96	0.054	
Week 4		-2.80	10.68	-12.00	9.50	GROUPxTIME	0.58	0.56	
Week 5		-4.71	8.67	-15.87	9.62				
Week 6		-6.85	9.88	-13.25	10.95				
Week 7		-5.60	7.60	-11.42	11.78				
Week 8		-7.16	7.88	-10.57	10.79				

Note. Clinical measures are analyzed with a MIXED Model between sham and active DBS groups from week 2 to week 8.