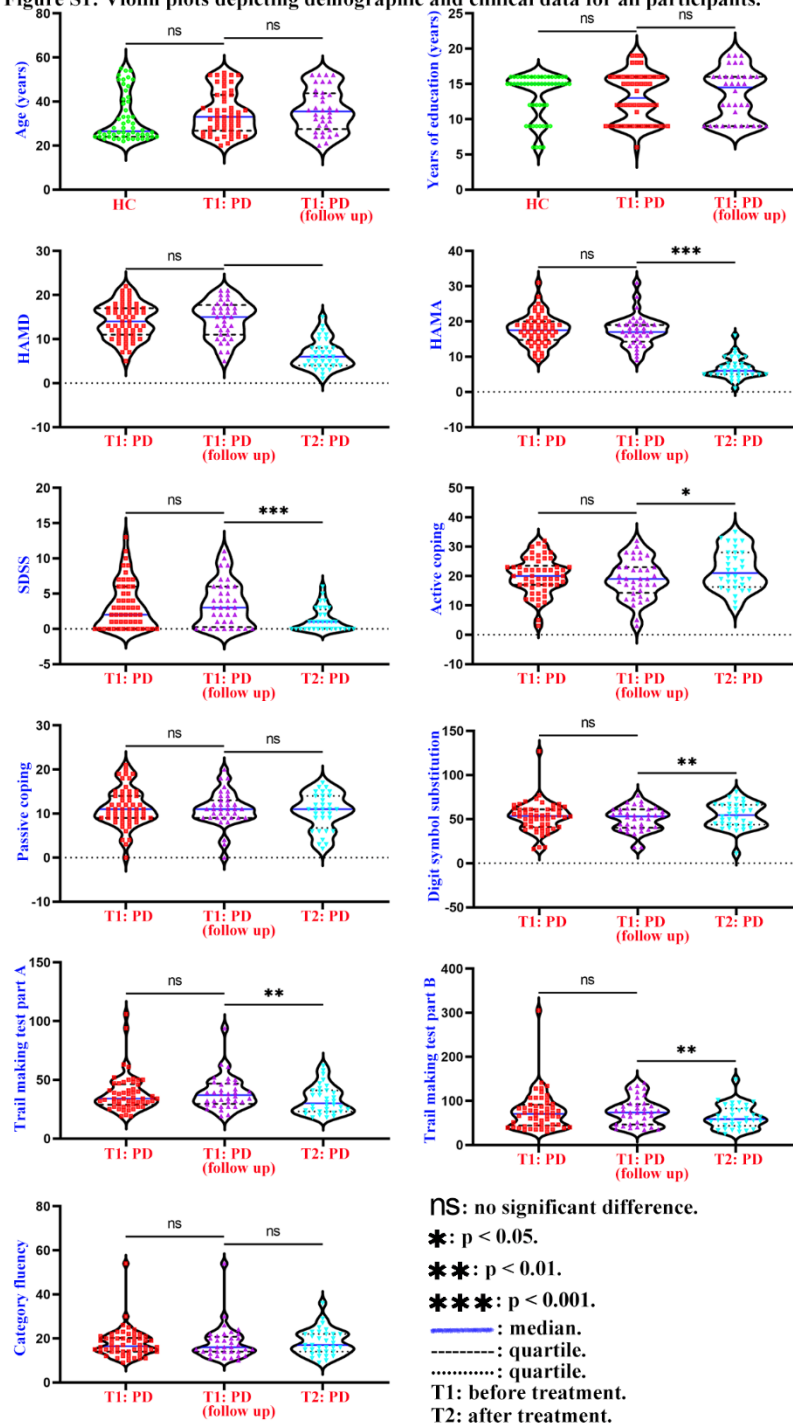
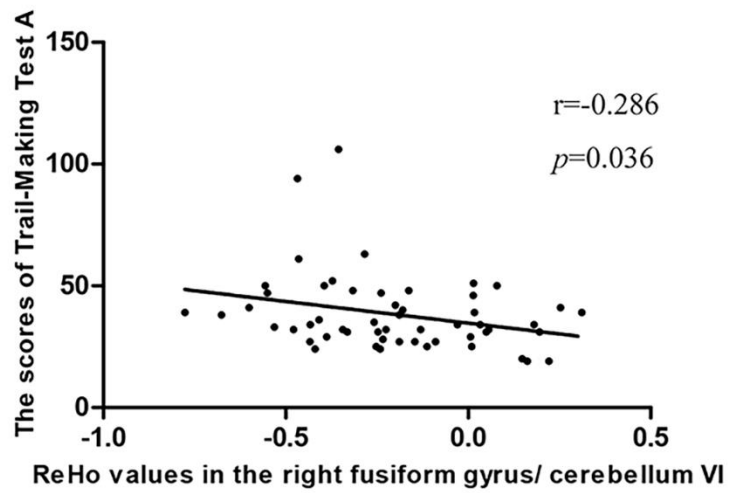


Figure S1: Violin plots depicting demographic and clinical data for all participants.





**Figure S2:** Abnormal ReHo values in right fusiform gyrus/cerebellum VI were negatively correlated with the scores of TMT-A ( $r = -0.286$ ,  $p = 0.036$ ).

**Table S1.** Characteristics of patients who finished the follow-up.

Variables	Pre-treatment (Mean $\pm$ SD, n=36)	Post-treatment (Mean $\pm$ SD, n=36)	Z/T	p	df	r/Cohen's d
Age (years)	36.06 $\pm$ 9.75					
Sex (male/female)	16/20					
Years of education (years)	13.42 $\pm$ 3.59					
Illness duration (months)	17.83 $\pm$ 25.51					
Time of treatment (days)	34.81 $\pm$ 7.09					
HAMD	14.32 $\pm$ 4.28	6.47 $\pm$ 3.29	-5.09	<0.001 <sup>a</sup>	35	-0.62
HAMA	17.32 $\pm$ 4.49	6.68 $\pm$ 2.95	-5.09	<0.001 <sup>a</sup>	35	-0.62
SDSS	3.50 $\pm$ 2.96	1.31 $\pm$ 1.69	-3.90	<0.001 <sup>a</sup>	35	-0.47
CSQ						
Active coping	19.34 $\pm$ 6.93	22.06 $\pm$ 6.93	2.51	0.017 <sup>b</sup>	35	0.39
Passive coping	10.81 $\pm$ 4.09	10.41 $\pm$ 4.13	-0.51	0.611 <sup>b</sup>	35	-0.10
B-CATS						
Digit symbol substitution	49.85 $\pm$ 13.86	54.24 $\pm$ 14.49	3.35	0.002 <sup>b</sup>	35	0.31
Trail making test part A	38.94 $\pm$ 14.55	33.06 $\pm$ 11.95	-2.64	0.008 <sup>a</sup>	35	-0.32
Trail making test part B	74.62 $\pm$ 28.94	63.79 $\pm$ 26.86	-2.90	0.004 <sup>a</sup>	35	-0.35
Category fluency	17.94 $\pm$ 7.78	18.29 $\pm$ 5.91	-1.38	0.167 <sup>a</sup>	35	-0.17

<sup>a</sup> The *p*-values were obtained by Wilcoxon signed-rank tests.

<sup>b</sup> The *p*-values were obtained by paired *t*-tests.

SD = standard deviation; HAMD = Hamilton Depression Rating Scale; HAMA = Hamilton Anxiety Rating Scale; SDSS = Social Disability Screening Schedule; CSQ = Simplified Coping Style Questionnaire; B-CATS = Brief Cognitive Assessment Tool for Schizophrenia.