

Supplementary Table 1. Correlations between mean oxy-Hb changes and demographic or clinical variables

Correlation analysis	Clinical variables	Correlation coefficient	p value
Pearson	Age	-0.454 to 0.426	0.078 to 0.974
	Estimated IQ	-0.440 to 0.328	0.116 to 1.000
Spearman	Years of educations	-0.348 to 0.348	0.170 to 1.000
	HAM-D score	-0.200 to 0.681	0.003 to 0.990
	Illness duration	-0.465 to 0.479	0.070 to 0.994
	Duration of depressive episodes	-0.263 to 0.471	0.076 to 0.990
	Task performance	-0.473 to 0.183	0.048 to 0.988
	Imipramine dose	-0.493 to 0.258	0.052 to 0.987
	Chlorpromazine dose	-0.411 to 0.200	0.144 to 1.000
	Diazepam dose	-0.321 to 0.263	0.225 to 1.000

oxy-Hb: oxygenated hemoglobin, IQ: intelligence quotient, HAM-D: 17-item Hamilton Rating Scale for Depression