

Table S1. Demographic and clinical information of participants.

Cohort	Group	N	Age (years)	Sex (M/F)	HAMD Total Score	SSRI Treatment
Cohort I	MDD	103	27.0 ± 6.8	32/71	20.3 ± 4.6	30
	HC	55	24.9 ± 6.7	22/33	-	-
	BD	25	29.9 ± 8.4	8/17	-	-
Cohort II	MDD	85	30.0 ± 8.6	25/60	20.6 ± 4.1	40
	HC	67	28.8 ± 9.2	27/40	-	-
	BD	20	24.6 ± 6.3	5/15	-	-
Cohort III	BD	59	26.2 ± 6.1	22/37	-	-
Cohort IV	MDD	50	28.0 ± 9.3	21/29	21.1 ± 3.9	50