

Table 1: Socio-demographic characteristics of subjects and mean scores on the depressive scale (MADRS), the manic scale (MAS), and on the dimensional MATHYS scale for the total score and the score for emotional reactivity.

	Controls	MDE	MDE‡	Mixed States	Manic States	t Chi-square, or f-test	P value
N(%)	90 (32.3)	51 (18.3)	63 (22.6)	21 (7.5)	54 (19.5)		
Sex(%)	31 (34.4)	18 (35.3)	19 (30.2)	6 (28.6)	18 (33.3)	0.63	0.960
Age[M(SD)]	37.8(14.2)	42.1 (13)	41.2 (11.1)	38.5 (11.0)	37.1 (13.7)	1.56	0.187
Madr[s][M(SD)]	0.31 (1.5)	25.3 (9.8)	15.3 (6.4)	12.2 (8.1)	7.9 (4.4)	152.4	<0.0001
Mas[(M(SD)]	0.2 (0.6)	1.3 (2.1)	7.6 (4.3)	12.3 (4.5)	17.6 (8.7)	142.9	<0.0001
MATHYS total[M(SD)]	104.5(8.4)	58.6 (27.0)	111.1 (24.1)	116.6 (23.6)	142.4 (27.9)	95.75	<0.0001
Emotional Reactivity [M(SD)]	21.7 (2.6)	13.9 (10.3)	31.2 (7.5)	30.2 (7.2)	31.3 (6.4)	64.94	<0.0001

Table 2: A post-hoc analysis showed that there is a difference between the total MATHYS score and the score relating to emotional reactivity for depressive states with and without manic symptoms.

Difference between groups	MATHYS		Emotional Reactivity	
	Difference (IC95%)	P value	Difference (IC 95%)	P value
MDE†-MDE	52.5 (41.2-63.8)	<0.0001	17.3 (13.8-20.8)	<0.0001
Mixed states- MDE†-	5.5 (-9.8-20.8)	0.860	-1.0 (-5.8-3.8)	0.980
Manic states-Mixed states	25.7 (9.8-41.7)	0.0001	1.1 (-3.9-6.1)	0.973
P for trend	<0.0001		<0.0001	

Post hoc tests using Tukey's procedure for pairwise comparisons

† Test of trend on those with mood states relating to Bipolar disorders