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Supplementary Table 1. Association between the grey matter cerebral blood flow, current mania score, and current depression score; adjusted by age and sex within bipolar disorder group and healthy control group. Beta-weights for each variable within the linear model are shown and significant associations are marked by a bolded * sign. GMCBF: Grey matter cerebral blood flow. CDS: Current depression score. CMS: Current mania score. BD: Bipolar disorder.

$$GMCBF = Age + Sex + CDS + CMS$$

	BD (n=46)	Control (n=49)
$\beta(Age)$	-2.34	-1.55
$\beta(Sex)$	6.80	**6.38 ***
$\beta(CDS)$	**-0.35 ***	-0.12
$\beta(CMS)$	0.07	6.36
	$R^2 = 0.195$	$R^2 = 0.177$

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Supplementary Table 2. Performance of logistic regression classification of diagnostic group using multivariate fALFF features. AUC=area under the receiver operating characteristic curve.

AUC	Accuracy
0.56 ± 0.15	0.56 ± 0.12