

Supplementary Table 1. Biomarkers and specific correlation coefficients significantly associated with patients' mean scores on depression-related scales

Study	Biomarker	Correlated factor	Correlation coefficient (r or ρ)	P	Direction of correlation
Özyurt and Binici ²⁰	NLR	BDI scores	0.601 (r)	<0.001	Positive
	PLR	BDI scores	0.363 (r)	0.003	Positive
Brambilla et al. ¹⁷	IL-1 β	HMD scores	0.6 (r)	<0.0003	Positive
	TNF- α	HMD scores	-0.52 (r)	<0.01	Negative
Uçar et al. ²¹	NLR	CDI scores	0.229 (r)	<0.01	Positive
	MPV	CDI scores	0.185 (r)	<0.05	Positive
Miklowitz et al. ¹⁸	NF κ B	CDRS-R scores	0.59 (r)	0.032	Positive
Pallavi et al. ¹⁵	TGF- β 1	BDI-II scores	-0.30 (ρ)	<0.01	Negative
	IL-17	STAI scores	-0.24 (ρ)	<0.05	Negative
Puangri and Ninla-Aesong ²²	NLR	DASS-D scores	0.018 (r)	0.012	Positive
Zajkowska et al. ²³	IL-2	MFQ-C scores	0.22 (r)	0.008	Positive
	IL-6	MFQ-C scores	0.24 (r)	0.004	Positive

NLR, neutrophil-to-lymphocyte ratio; PLR, platelet-to-lymphocyte ratio; IL-1 β , interleukin 1 β ; TNF- α , tumor necrosis factor- α ; MPV, mean platelet volume; NF κ B, nuclear factor κ B; IL-6, interleukin 6; BDI, Beck Depression Inventory; CDI, Child Depression Inventory; DASS-D, Depression Anxiety Stress Scales–Depression; HMD, Hamilton Depression Rating Scale; CDRS-R, Children's Depression Rating Scale-Revised; BDI-II, Beck Depression Inventory-II; STAI, State-Trait Anxiety Inventory; MFQ-C, Mood and Feelings Questionnaire-Child version