Supplementary Table 4. Correlation depressive symptoms and glymphatic function related features in MDD group

	HDRS	HDRS_sleep	Illness duration	ALPS_R	ALPS_L
HDRS					
r	1.000	0.596***	0.055	0.033	0.086
p	-	<0.001	0.478	0.672	0.264
HDRS_sleep					
r	0.596***	1.000	0.020	-0.004	0.061
p	<0.001	-	0.798	0.960	0.429
Illness duration					
r	0.055	0.020	1.000	-0.265***	-0.201*
p	0.478	0.798	-	4.715×10^{-4}	0.008
ALPS_R					
r	0.033	-0.004	-0.265***	1.000	0.695***
p	0.672	0.960	4.715×10^{-4}	-	<0.001
ALPS_L					
r	0.086	0.061	-0.201*	0.695***	1.000
p	0.264	0.429	0.008	<0.001	-
LeftLateralVentricle					
r	-0.074	-0.061	-0.048	-0.274***	-0.232**
p	0.338	0.431	0.532	<0.001	2.256×10^{-3}
LeftInfLatVent					
r	-0.041	0.002	-0.048	-0.079	-0.087
p	0.594	0.977	0.536	0.304	0.256
LeftThalamus					
r	0.066	0.010	-0.203*	0.241**	0.221*
p	0.394	0.902	0.008	1.511×10^{-3}	0.004
LeftCaudate					
r	0.082	0.098	-0.113	0.044	0.115
p	0.289	0.204	0.142	0.571	0.133
LeftHippocampus					
r	0.070	0.127	0.059	-0.009	-0.026
p	0.364	0.097	0.444	0.908	0.737
LeftAmygdala					
r	0.089	0.032	0.089	-0.024	0.060
p	0.245	0.677	0.249	0.756	0.432
Leftchoroidplexus					
r	-0.042	-0.058	0.051	-0.195*	-0.241**
p	0.589	0.449	0.506	0.011	1.509×10^{-3}
RightLateralVentricle					
r	-0.003	-0.064	-0.064	-0.314***	-0.222*
p	0.968	0.404	0.406	<0.001	0.004
RightInfLatVent					
r	-0.031	-0.038	0.083	-0.263***	-0.211*
p	0.687	0.620	0.280	<0.001	0.006
RightThalamus					
r	0.086	0.005	-0.215*	0.257***	0.227*
p	0.266	0.944	4.666×10^{-3}	6.837×10^{-4}	2.822×10^{-3}
RightCaudate					
r	0.076	0.109	-0.044	-0.023	0.059
p	0.323	0.158	0.568	0.763	0.445
RightHippocampus					
r	0.066	0.093	0.060	0.098	0.042
p	0.393	0.226	0.434	0.201	0.582
RightAmygdala					
r	0.050	0.067	-0.013	-0.126	-0.125
p	0.518	0.387	0.865	0.100	0.104
Rightchoroidplexus					
r	0.013	-0.003	-0.003	-0.208*	-0.177*
p	0.862	0.965	0.974	0.006	0.021
3rdVentricle					
r	-0.013	-0.035	-0.003	-0.149	-0.181*
p	0.862	0.651	0.968	0.051	0.018
4thVentricle					
r	0.052	-0.033	-0.031	-0.022	-0.137
p	0.498	0.666	0.688	0.780	0.075
Septum_pellucidum					
r	0.272***	0.126	-0.038	0.108	0.066
p	<0.001	0.100	0.619	0.159	0.394

Covariates age, sex, years of education, ICV, taking medication. *p<0.05; **p<0.00294 (Bonferroni 0.05/17=0.00294); ***p<0.001. MDD, major depressive disorder; HDRS, Hamilton Depression Rating Scale; ALPS, analysis along the perivascular space; ICV, intracranial volume; R, right; L, left.