

Table (1).Correlation between VF severity indices and OCT parameters among glaucoma cases

	Mean deviation		PSD (Pattern SD)	
	r	p	r	P
Total average p.RNFL	0.715	<0.001	-0.504	<0.001
Inferior p.RNFL	0.685	<0.001	-0.536	<0.001
Superior p.RNFL	0.681	<0.001	-0.458	<0.001
Nasal p.RNFL	0.580	<0.001	-0.389	<0.001
Temporal. p.RNFL	0.567	<0.001	-0.343	0.001
Disc area	0.215	0.035	0.207	0.043
Cup area	0.443	<0.001	0.321	0.001
Rim area	0.296	0.003	-0.152	0.139
C/D area ratio	0.421	<0.001	0.283	0.005
Linear CDR	0.451	<0.001	0.321	0.001
Vertical CDR	0.479	<0.001	0.400	<0.001
Cupvolume	0.307	0.002	0.156	0.130
Rim volume	0.283	0.005	-0.149	0.147
Horizontal DD	0.211	0.039	0.147	0.152
Vertical DD	0.114	0.269	0.122	0.235
Superior m.RNFL	0.641	<0.001	-0.226	0.027
Inferior m.RNFL	0.519	<0.001	-0.312	0.002
Total m.RNFL	0.621	<0.001	-0.307	0.002
Superior GCL+	0.598	<0.001	-0.366	<0.001
Inferior GCL+	0.585	<0.001	-0.376	<0.001
Total GCL+	0.624	<0.001	-0.390	<0.001
Superior GCL++	0.664	<0.001	-0.345	0.001
Inferior GCL++	0.593	<0.001	-0.357	<0.001
Total GCL++	0.663	<0.001	-0.378	<0.001

Table (2) show AUC to differentiate cases from controls

Test Result Variable(s)	Area	Std. Error	P value	Asymptotic 95% Confidence Interval	
				Lower Bound	Upper Bound
Total average p.RNFL	0.810	0.034	<0.001	0.750	0.870
Inferior p.RNFL	0.701	0.038	0.001	0.665	0.737
Superior p.RNFL	0.735	0.032	<0.001	0.688	0.782
Nasal p.RNFL	0.683	0.038	0.005	0.630	0.736
Temporal. p.RNFL	0.671	0.035	0.008	0.626	0.716

Disc area	0.534	0.046	0.559	0.484	0.584
Cup area	0.630	0.041	0.015	0.590	0.670
Rim area	0.680	0.033	0.006	0.620	0.740
C/D area ratio	0.686	0.036	0.001	0.625	0.747
Linear CDR	0.689	0.036	0.001	0.630	0.748
Vertical CDR	0.669	0.038	0.003	0.670	0.845
Cup volume	0.690	0.036	0.001	0.730	0.750
Rim volume	0.645	0.031	0.018	0.602	0.688
Horizontal DD	0.480	0.046	0.730	0.450	0.510
Vertical DD	0.547	0.045	0.382	0.500	0.594

Superior m.RNFL	0.721	0.041	<0.001	0.689	0.753
Inferior m.RNFL	0.811	0.033	<0.001	0.752	0.870
Total m.RNFL	0.813	0.036	<0.001	0.753	0.873

Superior GCL+	0.748	0.035	<0.001	0.699	0.797
Inferior GCL+	0.793	0.034	<0.001	0.722	0.864
Total GCL+	0.790	0.034	<0.001	0.715	0.865

Superior GCL++	0.788	0.037	<0.001	0.719	0.859
Inferior GCL++	0.864	0.032	<0.001	0.817	0.911
Total GCL++	0.876	0.030	<0.001	0.827	0.925