

Table 4. Area under Receiver Operating Characteristic Curve and Specificity and Sensitivity of Retinal Nerve Fiber Layer Thickness and Optic Nerve Head Topographic Parameters

Parameter	Normals-Glaucoma*		Normals-Mild		Mild-Moderate		Moderate-Severe	
	Specificity		Specificity		AUC	Specificity	Specificity	
	AUC	Sensitivity	AUC	Sensitivity	AUC	Sensitivity	AUC	Sensitivity
RNFL thickness								
360° average	0.950	94.5-84.5	0.893	91.8-77.4	0.726	67.7-85.7	0.684	92.9-42.9
Temporal quadrant	0.807	89.0-63.2	0.766	89.0-58.1	0.597	41.9-85.7	0.500	71.4-42.9
Superior quadrant	0.933	84.3-87.7	0.859	82.2-77.4	0.682	61.3-78.6	0.786	85.7-71.4
Nasal quadrant	0.739	76.7-59.4	0.713	85.6-48.4	0.528	45.2-71.4	0.564	92.9-21.4
Inferior quadrant	0.953	95.3-86.3	0.895	87.0-80.6	0.790	74.2-78.6	0.610	92.9-32.1
Clock-hr 9R/3L	0.490	88.2-24.7	0.532	91.1-32.2	0.562	32.3-92.9	0.538	57.1-60.7
Clock-hr 10R/2L	0.796	78.7-74.0	0.719	62.2-71.0	0.599	67.7-64.3	0.602	57.1-67.9
Clock-hr 11R/1L	0.924	95.3-79.5	0.862	88.4-71.0	0.657	67.7-71.4	0.668	57.1-82.1
Clock-hr 12RL	0.858	70.9-86.3	0.776	61.6-87.1	0.643	41.9-85.7	0.673	50.0-89.3
Clock-hr 1R/11L	0.804	81.1-72.3	0.675	82.2-51.6	0.638	71.0-57.1	0.730	71.4-78.6
Clock-hr 2R/10L	0.847	81.1-78.1	0.762	83.6-64.5	0.578	32.3-92.9	0.640	57.1-82.1
Clock-hr 3R/9L	0.673	85.0-45.2	0.665	84.2-45.2	0.551	51.6-71.4	0.482	57.1-57.1
Clock-hr 4R/8L	0.767	93.7-54.8	0.726	95.9-45.2	0.684	93.5-42.9	0.602	50.0-82.1
Clock-hr 5R/7L	0.850	91.3-71.2	0.714	89.7-51.6	0.751	93.5-50.0	0.518	42.9-92.9
Clock-hr 6RL	0.923	98.4-71.2	0.831	78.8-74.2	0.744	58.1-92.9	0.679	42.9-92.9
Clock-hr 7R/5L	0.957	92.9-90.4	0.918	89.0-83.9	0.689	80.6-57.1	0.536	100-17.9
Clock-hr 8R/4L	0.668	51.2-79.5	0.687	52.7-77.4	0.544	87.1-28.6	0.515	28.6-92.9
ONH topography								
Disc area (mm ²)	0.560	89.0-24.7	0.501	82.3-32.3	0.689	96.8-50.0	0.635	57.1-82.1
Cup area (mm ²)	0.868	86.6-76.7	0.787	78.8-74.2	0.749	87.1-57.1	0.579	50.0-85.7
Rim area (mm ²)	0.962	96.9-90.4	0.912	97.3-77.4	0.690	71.0-64.3	0.686	50.0-85.7
CDR	0.930	94.5-83.6	0.864	93.8-71.0	0.760	77.4-71.4	0.561	50.0-71.4
HCDR	0.883	91.3-75.3	0.821	80.8-77.4	0.691	93.5-50.0	0.497	50.0-67.9
VCDR	0.951	94.5-89.0	0.890	93.8-77.4	0.802	71.0-85.7	0.579	64.3-57.1
HRT (µm)	0.901	92.9-75.3	0.847	76.7-83.9	0.664	87.1-50.0	0.566	100-21.4
VRT (µm)	0.963	94.5-91.8	0.914	91.8-83.9	0.779	51.6-92.9	0.653	57.1-75.0
Cup volume (mm ³)	0.889	88.2-80.8	0.834	82.2-77.4	0.710	93.5-50.0	0.617	50.0-89.3

*All glaucomatous eyes; AUC - Area Under Receiver Operating Characteristic Curve; RNFL - Retinal Nerve Fiber Layer; ONH - Optic Nerve Head; L - Left Eye; R - Right Eye; LR - Both Eyes; CDR - Cup-to Disc Ratio; HCDR - Horizontal Cup-to-Disc Ratio; VCDR - Vertical Cup-to-Disc Ratio; HRT - Horizontal Rim Thickness; VRT - Vertical Rim Thickness