

Supplemental Table 1. Cohen's Unweighted Kappa Estimation of Inter-Rater Reliability of GlaucomaDiagnosis

Rater 1	Rater 2	Kappa (95% Confidence Interval)
TMD1	TMD2	0.68 (0.56 - 0.80)
TMD1	MD	0.65 (0.53 - 0.78)
TMD2	MD	0.55 (0.42 - 0.69)
TMD1	OD	0.47 (0.34 - 0.61)
TMD2	OD	0.48 (0.35 - 0.61)
MD	OD	0.41 (0.27 - 0.54)

OCT, optical coherence tomography; OD, in-person optometrist; MD, in-person ophthalmologist; TMD1, telemedicine ophthalmologist reviewer 1; TMD2, telemedicine ophthalmologist reviewer 2.

Agreement of diagnosis of normal, ocular hypertension, glaucoma suspect vs. disease (including open angle glaucoma, normal tension glaucoma, other type of glaucoma, or other type of optic nerve problem) was estimated using Cohen's unweighted kappa statistic and 95% confidence interval.

Supplemental Table 2. Cross-Tabulation of Normal (including ocular hypertension and glaucoma suspect) vs. Glaucoma Diagnosis by In-Person Ophthalmologist vs. Optometrist and Telemedicine (n = 200)

	In-person MD		
In-person OD	Normal (n = 149)	Glaucoma (n = 51)	Total (n = 200)
Normal	118	18	136
Glaucoma	31	33	64
TMD1			
Normal	137	14	151
Glaucoma	12	37	49
TMD2			
Normal	132	17	149
Glaucoma	17	34	51

OD, in-person optometrist; MD, in-person ophthalmologist; TMD1, telemedicine ophthalmologist reviewer 1; TMD2, telemedicine ophthalmologist reviewer 2.