

Supplementary Table 4. Results of univariable and multivariable regression models evaluating the associations between rasch-adjusted scores for the National Eye Institute Visual Function Questionnaire (NEI VFQ-25) and diagnostic classifications of patients based on the better eye with the proposed objective criteria for glaucomatous optic neuropathy.

Characteristic	Univariable Model		Multivariable Model	
	Coefficient (95% CI)	<i>P</i> Value	Coefficient (95% CI)	<i>P</i> Value
normal	0	Base	0	Base
suspect	-4.8 (-6.3 to -3.4)	<0.001	-2.9 (-4.9 to -0.9)	0.004
glaucoma	-11.7 (-13.7 to -9.7)	<0.001	-9.2 (-12.0 to -6.3)	<0.001
Age, per decade older	-3.0 (-3.6 to -2.4)	<0.001	-2.4 (-3.0 to -1.7)	<0.001
Sex, female	-3.5 (-5.4 to -1.5)	<0.001	-3.8 (-5.6 to -2.0)	<0.001
Race, African-American	-3.4 (-5.4 to -1.4)	0.001	-3.3 (-5.3 to -1.2)	0.002
Marital Status, married	2.5 (0.5 to 4.4)	0.014	1.0 (-1.0 to 3.0)	0.342
Insurance, yes	-3.8 (-7.2 to -0.4)	0.030	-1.3 (-4.9 to 2.3)	0.478
Education level, at least high school degree	3.7 (-1.5 to 9.0)	0.164		
Income, >=\$25,000	3.0 (0.3 to 5.7)	0.031	2.3 (-0.5 to 5.2)	0.101

Boldface indicates significant ($P < 0.05$)