

H0: The proportions of cases of foveal hypoplasia with (PRS+) and without (PRS-) cone photoreceptor specialisation for each genetic etiology are equal

Pearson chi-squared test

X ² statistic	68.36
DF	3
Asymptotic p-value	<0.0001

H0: The proportions of cases of foveal hypoplasia with (PRS+) and without (PRS-) cone photoreceptor specialisation for albinism subtypes are equal

Pearson chi-squared test

X ² statistic	23.29
DF	2
Asymptotic p-value	<0.0001

H0: The median visual acuity of the populations (different genetic etiologies associated with foveal hypoplasia) are all equal

Kruskal-Wallis test

H statistic	22.01
X ² approximation	22.01
DF	3
p-value	<0.0001

Group	Visual acuity (logMAR)		
	1st Quartile	Median	3rd Quartile
Albinism	0.42	0.62	0.81
FRMD7	0.30	0.30	0.42
PAX6	0.40	0.57	0.77
SLC38A8	0.41	0.46	0.61

H0: The median visual acuity of the populations (albinism subtypes) are all equal

Kruskal-Wallis test

H statistic	18.43
X ² approximation	18.43
DF	2
p-value	<0.0001

Group	Visual acuity (logMAR)		
	1st Quartile	Median	3rd Quartile
HPS	0.69	0.85	1.00
OA	0.60	0.70	0.82
OCA	0.40	0.60	0.78