

Table S3. Univariate and multivariate linear regression analyses for the improvement of best corrected visual acuity after cataract surgery.

Variable	Univariate Regression			Multivariate Regression		
	B	SE	P value	B	SE	P value
Total antioxidant capacity	-0.147	0.111	0.188	-0.109	0.113	0.335
Basic characteristics						
OD / OS	-0.09	0.077	0.245	-0.09	0.074	0.229
Age	-0.013	0.004	0.002**	-0.009	0.006	0.107
Gender	0.053	0.077	0.497	0.038	0.076	0.619
BMI	0.004	0.011	0.72	0.001	0.011	0.961
Disease diagnosis	0.325	0.107	0.003**	0.234	0.157	0.14
Underlying disease						
Hypertension	-0.008	0.078	0.92	0.056	0.091	0.543
Diabetes mellitus	0.138	0.098	0.163	0.203	0.101	0.048*
Other underlying systemic diseases	0.011	0.078	0.891	0.053	0.087	0.546

B = beta coefficient; BMI = body mass index; OD = oculus dextrus; OS = oculus sinister;

SE = standard error

Age, eye site, gender, body mass index, disease diagnosis, and underlying diseases were adjusted in the multivariate regression as confounding factors.

P value of the multivariate regression model is 0.02.

Other systemic diseases include dyslipidemia, heart diseases, kidney diseases, lung diseases, liver diseases, stroke, immunocompromised status, and autoimmune diseases.

** : p-value < 0.01