

Supplemental material**Supplementary Table 2: Association analysis for hyperopic 5-year change in spherical equivalent (more than 0.5D) in phakic eyes. Data from the German population-based Gutenberg Health Study (2007-2017).**

Multivariable logistic regression analysis with generalized estimating equations was conducted.

<i>(n=15,836 eyes)</i>	<i>OR</i>	<i>95%-CI</i>	<i>P</i>
Sex [female]	0.97	0.86; 1.09	0.57
Age [per year]			
Linear term	1.62	1.52; 1.72	<0.001
Quadratic term	1.00	1.00; 1.00	<0.001
<i>Cardiovascular parameters</i>			
HbA1c [%]	0.98	0.92; 1.09	0.95
HDL-cholesterol [mg/dl]	1.00	1.00; 1.00	0.74
LDL-cholesterol [mg/dl]	1.00	1.00; 1.00	0.51
Triglycerides [mg/dl]	1.00	1.00; 1.00	0.66
BMI [kg/m ²]	1.00	0.99; 1.01	0.83
Physical activity	1.00	1.00; 1.00	0.73
<i>Smoking history</i>			
Non-smoker		<i>Reference</i>	
Smoker	1.31	1.14; 1.50	<0.001
Occasional smoker	1.11	0.69; 1.42	0.95
Former smoker	1.03	0.98; 1.21	0.13
<i>Ocular parameters</i>			
Spherical equivalent [D]	0.99	0.97; 1.01	0.50
IOP [mmHg]	0.99	0.97; 1.00	0.06
Lens opacity	1.02	0.91; 1.16	0.70
<i>Education</i>			
Secondary general school („Hauptschule“)		<i>Reference</i>	
Intermediate school („Realschule“)	1.11	0.98; 1.26	0.10
High school („Abitur“)	1.03	0.91; 1.16	0.67
Others	0.64	0.27; 1.52	0.31
None	1.20	0.44; 3.27	0.72
<i>Occupation</i>			
Housemaker, retired or none		<i>Reference</i>	
Agriculture, forestry, animal husbandry and horticulture	0.85	0.58; 1.22	0.37
Production and manufacturing	0.94	0.75; 1.17	0.56
Construction and architecture	0.99	0.73; 1.33	0.93
Natural and computer science	1.28	1.00; 1.64	0.05
Transport, logistics, security and military	0.97	0.75; 1.26	0.83
Commercial services and tourism	0.93	0.75; 1.16	0.53
Business organization, accounting, law and administration	1.17	1.00; 1.37	0.05
Health and education	1.01	0.85; 1.22	0.88
Humanities, media and culture	1.10	0.81; 1.49	0.54

