

**Additional file 3: Table S3:** Linear regression estimates of the influence of both the better-seeing and the worse-seeing eye on the NEI VFQ-25 socio-emotional scale score in the German population-based Gutenberg Health Study (GHS), 2007-2012, restricted to participants without chronic diseases or amblyopia.

<b>Category of visual impairment considering better-seeing and worse-seeing eye</b>	<b>Model S1 (n=7964, R<sup>2</sup>=0.07): Estimate (CI)</b>	<b>Model S2 (n=7940, R<sup>2</sup>=0.08): Estimate (CI)</b>	<b>Model S3 (n= 10753, R<sup>2</sup>=0.09): Estimate (CI)</b>	<b>Model S4 (n= 10704, R<sup>2</sup>=0.09): Estimate (CI)</b>
<b>BE no VI, WE mild VI</b>	-2.2* (-2.9; -1.4)	-2.1* (-2.9; -1.4)	-2.84* (-3.75; -1.92)	-2.80* (-3.71; -1.90)
<b>BE no VI, WE mild VI</b>	-4.5* (-5.3; 3.8)	-4.5* (-5.3; -3.8)	-8.69* (-9.82; -7.56)	-8.77* (-9.90; -7.65)
<b>BE mild VI &amp; WE mild VI</b>	-6.9* (-10.4; -3.3)	-8.0* (-11.7; -4.3)	-10.9* (-13.4; -8.42)	-10.1* (-12.6; -7.48)
<b>BE mild VI &amp; WE moderate/ severe VI</b>	-16.4* (-19.5; -13.2)	-16.4* (-19.5; -13.2)	-17.3* (-20.2; -14.4)	-17.2* (-20.0; -14.3)
<b>BE moderate/ severe VI, WE moderate/ severe VI</b>	-17.0* (-20.4; -13.6)	-16.9* (-20.3; -13.5)	-26.7* (-30.6; -22.9)	-25.2* (-29.2; -21.2)

Model S1 restricted to participants without the following chronic diseases: diabetes mellitus, myocardial infarction, coronary artery disease, atrial fibrillation, chronic heart failure, peripheral artery disease, chronic kidney disease, chronic liver disease, asthma bronchiale, chronic bronchitis, depression, cancer; model S2 additionally adjusted for socio-economic status; model S3 restricted to participants without self-reported amblyopia, model S4 additionally adjusted for socio-economic status; CI: 95% confidence interval; \*: p<0.0001, R<sup>2</sup>: adjusted R<sup>2</sup>.