**Supplementary Material 12.** Definitions of severity degree in visual disability

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| Grade | Definitions |
| Level | Number |
| 1 | 1 | Visual acuity of better eye ≤20/1000 |
| 2 | 1 | Visual acuity of better eye ≤20/500 |
| 3 | 1 | Visual acuity of better eye ≤20/300 |
| 2 | Visual field of each eye ≤5 degrees in any direction |
| 4 | 1 | Visual acuity of better eye ≤20/200 |
| 2 | Visual field of each eye ≤10 degrees in any direction |
| 5 | 1 | Visual acuity of better eye ≤ 20/100 |
| 2 | Sum of visual field of both eyes ≤50% of normal |
| 6 | N/A | Visual acuity of worse eye ≤20/1000 |

N/A, not applicable