

| Univariate logistic regression analyses of dependent variates and visual impairment | | | |
|---|-------------------|---------------|---------|
| Variables | Visual impairment | | |
| | OR | 95% CI | P value |
| Gender | | | |
| Female | Reference | | |
| Male | 0.722 | (0.648,0.805) | <0.0001 |
| Age | | | |
| 45-59 | Reference | | |
| 60-74 | 1.545 | (1.376,1.734) | <0.0001 |
| 75- | 1.544 | (1.307,1.826) | <0.0001 |
| Marital status | | | |
| Living alone | Reference | | |
| Live with partner | 0.871 | (0.769,0.986) | 0.0294 |
| Education | | | |
| Illiterate | Reference | | |
| Less than elementary school | 0.905 | (0.784,1.044) | 0.1720 |
| Elementary School | 0.610 | (0.520,0.716) | <0.0001 |
| Middle school or vocational school | 0.490 | (0.404,0.596) | <0.0001 |
| High school and above | 0.299 | (0.208,0.429) | <0.0001 |
| Living area | | | |
| Rural area | Reference | | |
| Urban area | 0.686 | (0.605,0.779) | <0.0001 |
| Smoke | | | |
| No | Reference | | |
| Yes | 0.888 | (0.797,0.990) | 0.0322 |
| Drinking status | | | |

| No drink | Reference | | |
|----------------------------------|-----------|---------------|--------|
| Drink but less than once a month | 0.855 | (0.756,0.968) | 0.0132 |
| Drink more than once a month | 0.818 | (0.675,0.993) | 0.0422 |
| Insurance covering | | | |
| No | Reference | | |
| Yes | 1.088 | (0.885,1.336) | 0.4235 |

Supplementary Table 1: Univariate logistic regression analyses of dependent variates and visual impairment.