Table S1. Multiple Regression Results.

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|  | **Correlation with Log Reaction Time (RT)** | **Factor Statistics** |
| **Factor** | **Zero\*** | **Partial\*\*** | **Part\*\*\*** | **t** | **Sig** |
| Pedestrian obscured (s) | 0.52 | 0.33 | 0.28 | 5.69 | *p*<0.001 |
| Subject | 0.55 | 0.40 | 0.34 | 6.99 | *p*<0.001 |
| **Not in model**  |  |  |  |  |  |
| Age | -0.18 |  |
| Contrast sensitivity | -0.14 |
| Drive speed | 0.07 |
| Fixation stability | -0.08 |
| Scotoma size | 0.27 |
| Visual acuity | 0.04 |
| \*Zero: correlation of the individual factor with log RT without consideration of other factors; \*\*Partial: correlation after removing mutual association with other factors in the model; \*\*\*Part: correlation after removing linear effects of other factors from log RT. |