**Appendix Tables**

**Table A1: Alternative Specifications for Detecting Publication Selection Bias**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Panel A: Linear models | | | | | | | |
| Variables | Tobit regression | | | Symmetric domain model | | |
| Base | Covariate | Fixed effects | Base | Covariate | Fixed effects |
|  |  |  |  |  |  |  |
| Standard error | 4.985 | 3.526 | 3.031 | 5.133 | 3.550 | 2.969 |
|  | (0.165)\*\*\* | (0.155)\*\*\* | (0.125)\*\*\* | (0.181)\*\*\* | (0.175)\*\*\* | (0.152)\*\*\* |
|  | [0.623]\*\*\* | [0.399]\*\*\* | [0.489]\*\*\* | [0.680]\*\*\* | [0.449]\*\*\* | [0.595]\*\*\* |
| Income |  | 0.015 | 0.020 |  | 0.015 | 0.020 |
| ($ thousands) |  | (0.002)\*\*\* | (0.005)\*\*\* |  | (0.002)\*\*\* | (0.005)\*\*\* |
|  |  | [0.003]\*\*\* | [0.010]\*\* |  | [0.003]\*\*\* | [0.011]\* |
| Age |  | 0.003 | -0.005 |  | 0.003 | -0.005 |
|  |  | (0.001)\*\* | (0.002)\*\*\* |  | (0.001)\*\* | (0.002)\*\*\* |
|  |  | [0.002] | [0.002]\*\* |  | [0.002] | [0.002]\*\* |
| Fatality risk |  | -0.002 | 0.000 |  | -0.002 | 0.000 |
| change (per 1,000 |  | (0.001) | (0.000) |  | (0.001) | (0.000) |
| individuals) |  | [0.002] | [0.000] |  | [0.002] | [0.000] |
| Willingness to |  | 0.501 | -0.003 |  | 0.293 | -0.001 |
| accept estimate |  | (0.141)\*\*\* | (0.022) |  | (0.184) | (0.180) |
|  |  | [0.202]\*\* | [0.024] |  | [0.223] | [0.012] |
| Environment risk |  | 0.292 | -0.000 |  | -0.071 | 0.773 |
|  |  | (0.184) | (0.171) |  | (0.018)\*\*\* | (0.364)\*\* |
|  |  | [0.222] | [0.011] |  | [0.021]\*\*\* | [0.887] |
| Traffic risk |  | -0.071 | 0.774 |  | 0.580 | -0.085 |
|  |  | (0.018)\*\*\* | (0.346)\*\* |  | (0.081)\*\*\* | (0.282) |
|  |  | [0.021]\*\*\* | [0.843] |  | [0.140]\*\*\* | [0.386] |
| Chronic risk |  | 0.577 | -0.085 |  | 0.579 | -0.406 |
|  |  | (0.082)\*\*\* | (0.268) |  | (0.078)\*\*\* | (0.403) |
|  |  | [0.142]\*\*\* | [0.367] |  | [0.134]\*\*\* | [0.305] |
| Cancer risk |  | 0.577 | -0.399 |  | 1.532 | -0.107 |
|  |  | (0.079)\*\*\* | (0.383) |  | (0.202)\*\*\* | (0.280) |
|  |  | [0.136]\*\*\* | [0.287] |  | [0.233]\*\*\* | [0.296] |
| Constant |  | 1.534 | -0.110 | 0.013 | -0.717 | 0.602 |
|  |  | (0.200)\*\*\* | (0.266) | (0.006)\*\* | (0.098)\*\*\* | (0.403) |
|  |  | [0.230]\*\*\* | [0.279] | [0.010] | [0.154]\*\*\* | [0.319]\* |
| Panel B: Log-log models | | | | | | | |
| Variables | WLS log-log regression | | | Symmetric domain model | | |
| Base | Covariate | Fixed effects | Base | Covariate | Fixed effects |
|  |  |  |  |  |  |  |
| Log standard error | 1.305 | 0.621 | 0.672 | 1.305 | 0.621 | 0.672 |
|  | (0.109)\*\*\* | (0.165)\*\*\* | (0.25)]\*\*\* | (0.109)\*\*\* | (0.165)\*\*\* | (0.252)\*\*\* |
|  | [0.236]\*\*\* | [0.253]\*\* | [0.404]\* | [0.236]\*\*\* | [0.254]\*\* | [0.405] |
| Log income |  | 0.845 | 1.181 |  | 0.845 | 1.181 |
| ($ thousands) |  | (0.177)\*\*\* | (0.339)\*\*\* |  | (0.177)\*\*\* | (0.340)\*\*\* |
|  |  | [0.179]\*\*\* | [0.592]\*\* |  | [0.179]\*\*\* | [0.594]\* |
| Log age |  | -1.350 | -3.429 |  | -1.350 | -3.429 |
|  |  | (0.672)\*\* | (2.040)\* |  | (0.672)\*\* | (2.047)\* |
|  |  | [1.281] | [3.199] |  | [1.281] | [3.210] |
| Log fatality risk |  | -0.337 | -0.043 |  | -0.337 | -0.043 |
| change (per 1,000 |  | (0.177)\* | (0.405) |  | (0.177)\* | (0.406) |
| individuals) |  | [0.193]\* | [0.159] |  | [0.193]\* | [0.160] |
| Willingness to |  | 0.387 | 0.049 |  | 0.387 | 0.049 |
| accept estimate |  | (0.263) | (0.121) |  | (0.263) | (0.122) |
|  |  | [0.365] | [0.030] |  | [0.365] | [0.030] |
| Environment risk |  | -2.505 | -0.005 |  | -2.505 | -0.005 |
|  |  | (0.282)\*\*\* | (0.259) |  | (0.282)\*\*\* | (0.260) |
|  |  | [0.378]\*\*\* | [0.538] |  | [0.378]\*\*\* | [0.540] |
| Traffic risk |  | 0.175 | -0.319 |  | 0.176 | -0.319 |
|  |  | (0.713) | (0.152)\*\* |  | (0.714) | (0.153)\*\* |
|  |  | [0.927] | [0.274] |  | [0.927] | [0.275] |
| Chronic risk |  | 2.293 | 0.035 |  | 2.293 | 0.035 |
|  |  | (0.461)\*\*\* | (0.177) |  | (0.461)\*\*\* | (0.178) |
|  |  | [0.891]\*\* | [0.227] |  | [0.892]\*\* | [0.228] |
| Cancer risk |  | 1.545 | 0.345 |  | 1.547 | 0.345 |
|  |  | (0.985) | (0.232) |  | (0.987) | (0.232) |
|  |  | [1.441] | [0.336] |  | [1.444] | [0.337] |
| Constant | 4.475 | 2.711 | 12.708 | 4.475 | 2.711 | 12.708 |
|  | (0.850)\*\*\* | (2.909) | (7.251)\* | (0.850)\*\*\* | (2.910) | (7.275)\* |
|  | [1.940]\*\* | [5.761] | [11.245] | [1.941]\*\* | [5.764] | [11.284] |
| Note: N = 1,148 in the Tobit regression model, N = 1,145 in the WLS log-log regression model, and N = 1,043 in both symmetric domain models. Symmetric domain models drop all VSLs greater than $17 million from the sample (double the mean VSL). Regressions are weighted using the inverse variance of each observation. Robust standard errors in parenthesis, standard errors robust and clustered on article in brackets. All models with covariates also include an indicator variable controlling for observations where the level of the risk change is missing. Fixed effect models include article fixed effects. \*\*\* , \*\* , \* . | | | | | | | |