**Table 1. GBD ICD-10 code definition of road injury, motorcyclist injury and cyclist injury**

| Cause | ICD10 |
|---|---|
| Road injuries | V01-V04.99, V06-V80.929, V82-V82.9, V87.2-V87.3 |
| Cyclist road injuries | V10-V19.9 |
| Motorcyclist road injuries | V20-V29.9 |

**Table 2. The Wald Chi-Square tests for estimable functions in the APC model**

| | China | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Road Injury | | | | Motorcyclist Injury | | | | Cyclist Injury | | | |
| | Deaths | | Incidence | | Deaths | | Incidence | | Deaths | | Incidence | |
| Null Hypothesis | Chi-Square | *P*-Value | Chi-Square | *P*-Value | Chi-Square | *P*-Value | Chi-Square | *P*-Value | Chi-Square | *P*-Value | Chi-Square | *P*-Value |
| NetDrift = 0 | 416.84 | <0.001 | 2237.11 | <0.001 | 719.42 | <0.001 | 742.07 | <0.001 | 64.75 | <0.001 | 1471.68 | <0.001 |
| All Period RR = 1 | 266.62 | <0.001 | 2645.89 | <0.001 | 282.96 | <0.001 | 1172.5 | <0.001 | 286.93 | <0.001 | 1856.02 | <0.001 |
| All Cohort RR = 1 | 123.35 | <0.001 | 2656.03 | <0.001 | 95.98 | <0.001 | 1194.68 | <0.001 | 103.48 | <0.001 | 2102.88 | <0.001 |
| All Local Drifts = Net Drift | 88.64 | <0.001 | 74.78 | <0.001 | 87.6 | <0.001 | 91.91 | <0.001 | 93.06 | <0.001 | 75.33 | <0.001 |
| | **India** | | | | | | | | | | | |
| NetDrift = 0 | 1377.83 | <0.001 | 614.28 | <0.001 | 2785.85 | <0.001 | 777.01 | <0.001 | 537.63 | <0.001 | 793.74 | <0.001 |
| All Period RR = 1 | 93.78 | <0.001 | 123.73 | <0.001 | 159.22 | <0.001 | 258.85 | <0.001 | 109.3 | <0.001 | 127.11 | <0.001 |
| All Cohort RR = 1 | 269.61 | <0.001 | 124.47 | <0.001 | 198.8 | <0.001 | 245.81 | <0.001 | 184.41 | <0.001 | 107.99 | <0.001 |
| All Local Drifts = Net Drift | 219.16 | <0.001 | 57.03 | <0.001 | 102.88 | <0.001 | 47.15 | <0.001 | 131.92 | <0.001 | 65.58 | <0.001 |
| | **Japan** | | | | | | | | | | | |
| NetDrift = 0 | 4938.72 | <0.001 | 7731.03 | <0.001 | 1795.51 | <0.001 | 6867.24 | <0.001 | 432.37 | <0.001 | 4526.01 | <0.001 |
| All Period RR = 1 | 5033.86 | <0.001 | 6193.34 | <0.001 | 415.37 | <0.001 | 2459.65 | <0.001 | 477.83 | <0.001 | 4121.57 | <0.001 |
| All Cohort RR = 1 | 6729.51 | <0.001 | 6549.78 | <0.001 | 1804.93 | <0.001 | 3844.71 | <0.001 | 1283.5 | <0.001 | 4670.65 | <0.001 |
| All Local Drifts = Net Drift | 90.6 | <0.001 | 98.87 | <0.001 | 260.96 | <0.001 | 377.21 | <0.001 | 14.61 | 0.48 | 292.92 | <0.001 |
| | **The US** | | | | | | | | | | | |
| NetDrift = 0 | 3835 | <0.001 | 1083.11 | <0.001 | 681.55 | <0.001 | 453.45 | <0.001 | 384.63 | <0.001 | 209.88 | <0.001 |
| All Period RR = 1 | 701.68 | <0.001 | 52.54 | <0.001 | 153.06 | <0.001 | 73.87 | <0.001 | 46.71 | <0.001 | 64.21 | <0.001 |
| All Cohort RR = 1 | 1117.27 | <0.001 | 266.59 | <0.001 | 303.45 | <0.001 | 247.34 | <0.001 | 355.33 | <0.001 | 297.82 | <0.001 |
| All Local Drifts = Net Drift | 266.74 | <0.001 | 172.4 | <0.001 | 236.74 | <0.001 | 231.41 | <0.001 | 307.86 | <0.001 | 237.18 | <0.001 |

**Table 3. Overall annual percent change values for road injury, motorcyclist injury, and cyclist injury mortality and incidence in China, India, Japan, and the US**

| | | | Net Drift (%/year) | CI Lo | CI Hi |
|---|---|---|---|---|---|
| **Road injury** | **Mortality** | **China** | -0.443 | -0.611 | -0.275 |
| | | **India** | -0.433 | -0.563 | -0.304 |
| | | **Japan** | -4.692 | -4.822 | -4.563 |
| | | **USA** | -1.577 | -1.696 | -1.457 |
| | **Incidence** | **China** | 2.480 | 2.380 | 2.581 |
| | | **India** | 1.018 | 0.726 | 1.312 |
| | | **Japan** | -2.485 | -2.547 | -2.422 |
| | | **USA** | -0.498 | -0.692 | -0.304 |
| **Motorcyclist injury** | **Mortality** | **China** | 0.144 | -0.150 | 0.438 |
| | | **India** | 0.653 | 0.466 | 0.840 |
| | | **Japan** | -4.285 | -4.700 | -3.868 |
| | | **USA** | 2.027 | 1.629 | 2.426 |
| | **Incidence** | **China** | 3.025 | 2.847 | 3.204 |
| | | **India** | 1.936 | 1.633 | 2.240 |
| | | **Japan** | -2.434 | -2.532 | -2.337 |
| | | **USA** | 0.956 | 0.708 | 1.204 |
| **Cyclist injury** | **Mortality** | **China** | 0.018 | -0.191 | 0.227 |
| | | **India** | -0.583 | -0.758 | -0.408 |
| | | **Japan** | -4.715 | -5.133 | -4.295 |
| | | **USA** | -0.589 | -0.903 | -0.274 |
| | **Incidence** | **China** | 2.550 | 2.429 | 2.672 |
| | | **India** | 0.736 | 0.399 | 1.074 |
| | | **Japan** | -2.257 | -2.327 | -2.187 |
| | | **USA** | 0.236 | -0.086 | 0.558 |