|  | CT / Est. | CT / S.E. | CTRB / Est. | CTRB / S.E. |
| --- | --- | --- | --- | --- |
| (Intercept) | 8.270\*\* | 2.849 | 12.048\* | 4.798 |
| NO\_VEH | -0.389 | 1.482 | 1.232 | 1.294 |
| factor(heavey\_involve)y | 2.923 | 1.933 | -0.040 | 1.728 |
| NO\_CSU | 0.297 | 1.252 | 1.404 | 1.119 |
| relevel(factor(SEVERITY), ref = "Slight")Serious | 0.247 | 2.918 | 2.001 | 2.573 |
| relevel(factor(collision), ref = "single-vehicle")mixed | 5.709 | 12.387 | 1.949 | 10.764 |
| relevel(factor(collision), ref = "single-vehicle")vehicle-object | -1.645 | 4.121 | -3.852 | 3.654 |
| relevel(factor(collision), ref = "single-vehicle")vehicle-pedestrian | 6.764\* | 3.127 | -0.265 | 2.858 |
| relevel(factor(collision), ref = "single-vehicle")vehicle-vehicle | 3.863 | 2.449 | 2.592 | 2.153 |
| relevel(factor(ST\_LGT\_good), ref = "good")bad | 4.106\*\* | 1.371 | 2.961\* | 1.319 |
| relevel(factor(WEATHER), ref = "Clear")Dull | -5.472 | 4.054 | -3.407 | 3.549 |
| factor(daytype)weekend | -3.560\* | 1.459 | -1.470 | 1.290 |
| factor(peakhours)peak | 0.021 | 1.397 | -0.846 | 1.221 |
| relevel(factor(timeslot\_15min), ref = "traveldelay\_15min\_t4")traveldelay\_15min\_t1 | 1.549\* | 0.721 | 1.576\* | 0.721 |
| relevel(factor(timeslot\_15min), ref = "traveldelay\_15min\_t4")traveldelay\_15min\_t2 | 3.186\*\*\* | 0.721 | 3.191\*\*\* | 0.721 |
| relevel(factor(timeslot\_15min), ref = "traveldelay\_15min\_t4")traveldelay\_15min\_t3 | 2.590\*\*\* | 0.722 | 2.593\*\*\* | 0.722 |
| factor(roadwork)1 | -1.919 | 2.560 | 0.002 | 2.339 |
| SD (Intercept ACC\_NO) | 11.182 |  | 9.208 |  |
| SD (Observations) | 9.444 |  | 9.441 |  |
| psn\_distance |  |  | -1.258 | 1.054 |
| am\_depot\_distance |  |  | -0.002\* | 0.0009 |
| hos\_distance |  |  | -1.237 | 0.960 |
| factor(IN\_20M\_JCN)Yes |  |  | 2.549 | 1.845 |
| relevel(factor(Region), ref = "HKI")KL |  |  | -4.179\* | 1.675 |
| relevel(factor(Region), ref = "HKI")NT |  |  | -1.995 | 1.749 |
| relevel(factor(FRC\_string), ref = "Minor")Local |  |  | 1.829 | 3.165 |
| relevel(factor(FRC\_string), ref = "Minor")Main |  |  | 0.237 | 3.730 |
| relevel(factor(FRC\_string), ref = "Minor")Secondary |  |  | 1.785 | 3.358 |
| KPH |  |  | -0.085\* | 0.039 |
| AADT |  |  | -0.050 | 0.034 |
| PedestrianExposure |  |  | 0.083\* | 0.033 |
| edge\_degree |  |  | 118853.488\* | 51790.402 |
| CMF |  |  | 6.794\*\*\* | 1.873 |
| CUF |  |  | 9.361 | 6.158 |
| GOV |  |  | 5.166\* | 2.035 |
| HNC |  |  | -9.811 | 6.409 |
| RSF |  |  | -2.944 | 2.721 |
| TRS |  |  | -1.205 | 1.812 |
| Num.Obs. | 1374 |  | 1374 |  |
| R2 Marg. | 0.059 |  | 0.250 |  |
| R2 Cond. | 0.608 |  | 0.616 |  |
| AIC | 10690.5 |  | 10562.5 |  |
| BIC | 10789.8 |  | 10761.1 |  |
| ICC | 0.6 |  | 0.5 |  |
| RMSE | 8.36 |  | 8.41 |  |