| **Variables** | **Estimate** | **Est.Error** | **Rhat** | **Bulk\_ESS** | **Tail\_ESS** |
| --- | --- | --- | --- | --- | --- |
| Intercept[1] | -1.810 | 0.598 | 1.001 | 2589 | 2292 |
| Intercept[2] | -0.163 | 0.598 | 1.001 | 2590 | 2269 |
| Intercept[3] | 1.336 | 0.598 | 1.001 | 2594 | 2187 |
| Intercept[4] | 2.202 | 0.598 | 1.001 | 2588 | 2195 |
| Intercept[5] | 3.169 | 0.599 | 1.001 | 2596 | 2292 |
| Intercept[6] | 4.963 | 0.601 | 1.001 | 2606 | 2328 |
| female1 | -0.366 | 0.079 | 1.001 | 1768 | 2420 |
| age | -0.302 | 0.265 | 1.001 | 2872 | 2454 |
| VideoGroupWithin | 0.238 | 0.097 | 1.001 | 1827 | 2042 |
| op\_like\_biking | 0.520 | 0.147 | 1.002 | 1553 | 1915 |
| op\_need\_car | -0.250 | 0.120 | 1.002 | 1613 | 1697 |
| op\_feel\_safe | 0.830 | 0.139 | 1.000 | 1690 | 2105 |
| op\_like\_transit | 0.375 | 0.124 | 1.002 | 1707 | 1948 |
| op\_arrive\_professional | -0.219 | 0.115 | 1.000 | 1704 | 2193 |
| op\_travel\_stress | -0.502 | 0.130 | 1.000 | 1719 | 1982 |
| bike\_ability | 0.823 | 0.123 | 1.000 | 1654 | 2170 |
| comfort\_four\_no\_lane2 | 0.944 | 0.088 | 1.001 | 1760 | 1992 |
| comfort\_four\_no\_lane3 | 2.406 | 0.191 | 1.000 | 2540 | 2284 |
| street\_parking\_ST1 | 0.176 | 0.345 | 1.001 | 3307 | 1873 |
| outside\_lane\_width\_ft\_ST | -0.053 | 0.469 | 1.000 | 5611 | 1954 |
| veh\_volume2\_ST2 | 0.065 | 0.364 | 1.000 | 2092 | 2265 |
| veh\_volume2\_ST3 | -0.503 | 0.337 | 1.002 | 2560 | 1966 |
| bike\_operating\_space\_ST | 0.548 | 0.447 | 1.003 | 4903 | 2258 |
| usual\_mode\_4levBike | 0.165 | 0.081 | 1.002 | 1711 | 1926 |
| speed\_limit\_mph\_ST\_3lev.30.40. | 0.025 | 0.348 | 1.001 | 2302 | 2273 |
| speed\_limit\_mph\_ST\_3lev.40.50. | -0.453 | 0.381 | 1.000 | 2651 | 1934 |
| child\_u18TRUE | -0.233 | 0.119 | 1.002 | 1693 | 2222 |
| bike\_lane\_SUM\_ST1 | 0.559 | 0.357 | 1.001 | 3056 | 2178 |
| bike\_lane\_SUM\_ST2 | 1.076 | 0.415 | 1.002 | 2462 | 1826 |
| speed\_prevail\_minus\_limit\_ST | -0.255 | 0.445 | 1.001 | 5343 | 2345 |
| veh\_vol\_non0\_opspace\_0\_ST | -0.828 | 0.363 | 1.000 | 3457 | 2232 |
| age:bike\_operating\_space\_ST | 1.236 | 0.314 | 1.001 | 4569 | 2466 |
| age:speed\_limit\_mph\_ST\_3lev.40.50. | -0.313 | 0.224 | 1.000 | 5322 | 2252 |
| age:speed\_prevail\_minus\_limit\_ST | -1.184 | 0.307 | 1.002 | 6019 | 2336 |
| age:veh\_vol\_non0\_opspace\_0\_ST | -1.008 | 0.224 | 1.000 | 4733 | 2386 |
| comfort\_four\_no\_lane3:street\_parking\_ST1 | 0.276 | 0.113 | 1.001 | 3444 | 2199 |
| comfort\_four\_no\_lane3:outside\_lane\_width\_ft\_ST | 0.100 | 0.230 | 1.000 | 3494 | 2458 |
| comfort\_four\_no\_lane3:bike\_operating\_space\_ST | -0.708 | 0.159 | 1.000 | 5362 | 2458 |
| sd(Intercept) person\_ID | 1.681 | 0.035 | 1.003 | 1145 | 1671 |
| sd(Intercept) video\_name | 0.872 | 0.179 | 1.002 | 1176 | 1851 |
| sd(VideoGroupWithin) video\_name | 0.343 | 0.072 | 1.002 | 1203 | 1701 |
| cor(Intercept,VideoGroupWithin) video\_name | -0.038 | 0.245 | 1.004 | 1046 | 1728 |