xtreg drivingscore Ranking Alert app\_usage Speed\_KMH tired\_driving log\_gasoline\_1 log\_totalmile\_1 log\_t\_1 log\_acc\_1 log\_deacc\_1 log\_turn\_1 log\_night\_driving\_1

Random-effects GLS regression Number of obs = 10,934

Group variable: nnnnnooooo Number of groups = 63

R-sq: Obs per group:

within = 0.4431 min = 4

between = 0.9444 avg = 173.6

overall = 0.7043 max = 372

Wald chi2(12) = 9632.92

corr(u\_i, X) = 0 (assumed) Prob > chi2 = 0.0000

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drivingscore | Coef. Std. Err. z P>|z| [95% Conf. Interval]

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Ranking | 1.330108 1.209666 1.10 0.272 -1.040793 3.701009

Alert | 1.964238 1.210886 1.62 0.105 -.4090557 4.337531

app\_usage | -.6484242 .6888206 -0.94 0.347 -1.998488 .7016394

Speed\_KMH | -.1083854 .0232578 -4.66 0.000 -.1539699 -.0628009

tired\_driving | -9.41372 .1872719 -50.27 0.000 -9.780766 -9.046674

log\_gasoline\_1 | -3.050484 1.208148 -2.52 0.012 -5.418412 -.6825569

log\_totalmile\_1 | .6746792 .3015924 2.24 0.025 .0835689 1.265789

log\_t\_1 | 7.001998 1.281693 5.46 0.000 4.489926 9.51407

log\_acc\_1 | -6.502143 .5565223 -11.68 0.000 -7.592907 -5.41138

log\_deacc\_1 | -10.54495 .5947283 -17.73 0.000 -11.71059 -9.379303

log\_turn\_1 | -3.018191 .3508734 -8.60 0.000 -3.70589 -2.330492

log\_night\_driving\_1 | -7.681649 .3517439 -21.84 0.000 -8.371054 -6.992243

\_cons | 96.91451 1.764365 54.93 0.000 93.45642 100.3726

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sigma\_u | 4.5070922

sigma\_e | 13.10595

rho | .10575749 (fraction of variance due to u\_i)

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xtreg log\_co2\_1 Ranking Alert app\_usage Speed\_KMH tired\_driving log\_gasoline\_1 log\_totalmile\_1 log\_acc\_1 log\_deacc\_1 log\_turn\_1 log\_night\_driving\_1

Random-effects GLS regression Number of obs = 10,934

Group variable: nnnnnooooo Number of groups = 63

R-sq: Obs per group:

within = 0.5190 min = 4

between = 0.8224 avg = 173.6

overall = 0.6397 max = 372

Wald chi2(10) = 12066.10

corr(u\_i, X) = 0 (assumed) Prob > chi2 = 0.0000

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log\_co2\_1 | Coef. Std. Err. z P>|z| [95% Conf. Interval]

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Ranking | -.0623132 .0520893 -1.20 0.232 -.1644064 .0397801

Alert | .0776133 .0521301 1.49 0.137 -.0245599 .1797866

app\_usage | .0634468 .0144486 4.39 0.000 .0351282 .0917655

Speed\_KMH | .0241915 .0003816 63.39 0.000 .0234435 .0249394

tired\_driving | .0859261 .0038063 22.57 0.000 .0784659 .0933863

log\_gasoline\_1 | 0 (omitted)

log\_totalmile\_1 | .0282179 .0065051 4.34 0.000 .0154682 .0409676

log\_acc\_1 | .165036 .0116821 14.13 0.000 .1421394 .1879325

log\_deacc\_1 | .2854885 .0122821 23.24 0.000 .261416 .309561

log\_turn\_1 | .0346727 .0074663 4.64 0.000 .0200391 .0493063

log\_night\_driving\_1 | .1036578 .0072803 14.24 0.000 .0893887 .1179268

\_cons | -.0149613 .0559597 -0.27 0.789 -.1246402 .0947177

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sigma\_u | .20261669

sigma\_e | .27160355

rho | .35754054 (fraction of variance due to u\_i)

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