

Table A1. Logistic regression modeling of factors (gender, age, day of week, season, vehicle) associated with BAC level above legal limits among inebriated FIDs (n=324)

| Independent variable | coefficient | S.E. | Wald | df | p (sig.) | Odds ratio (OR) | Variables in the Equation | |
|----------------------|-------------|-------|--------|----|----------|-----------------|---------------------------|-------|
| | | | | | | | 95% C.I. for OR | |
| | | | | | | | Lower | Upper |
| Gender* | 0.977 | 0.407 | 5.767 | 1 | 0.016 | 2.655 | 1.197 | 5.892 |
| Age* | -0.031 | 0.006 | 22.993 | 1 | 0.000 | 0.970 | 0.957 | 0.982 |
| Day (Tu) | | | 12.219 | 6 | 0.057 | | | |
| Day (We) | 0.248 | 0.392 | 0.402 | 1 | 0.526 | 1.282 | 0.595 | 2.763 |
| Day (Fr) | 0.052 | 0.398 | 0.017 | 1 | 0.896 | 1.054 | 0.483 | 2.298 |
| Day (Mo) | 0.687 | 0.382 | 3.238 | 1 | 0.072 | 1.988 | 0.941 | 4.201 |
| Day (Th) | 0.547 | 0.372 | 2.165 | 1 | 0.141 | 1.728 | 0.834 | 3.582 |
| Day (Su) | 0.938 | 0.354 | 7.033 | 1 | 0.008 | 2.555 | 1.277 | 5.112 |
| Day (Sa) | 0.581 | 0.350 | 2.754 | 1 | 0.097 | 1.788 | 0.900 | 3.550 |
| Season | | | | | | | | |
| (winter) | | | 3.655 | 3 | 0.301 | | | |
| Spring | 0.242 | 0.280 | 0.747 | 1 | 0.387 | 1.274 | 0.736 | 2.206 |
| Autumn | 0.264 | 0.275 | 0.921 | 1 | 0.337 | 1.302 | 0.760 | 2.230 |
| Summer | -0.119 | 0.272 | 0.192 | 1 | 0.662 | 0.888 | 0.521 | 1.512 |
| Vehicle | | | | | | | | |
| (truck) | | | 5.826 | 2 | 0.054 | | | |
| Motorcycle | 0.418 | 0.520 | 0.645 | 1 | 0.422 | 1.519 | 0.548 | 4.209 |
| Car | 0.840 | 0.493 | 2.902 | 1 | 0.088 | 2.317 | 0.881 | 6.090 |

ROC=0.673; Hosmer-Lemeshow $\chi^2(8)=7.652$, p=0.468; *-statistically significant independent variable