Spatial-temporal Bayesian model estimates of alcohol-related calls-for-service controlled for neighborhood-level covariates

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| **Variable** | **Mean** | **SD** | **95% CrI** | **Odds ratio** |
| Intercept () | 0.461 \* | 0.110 | (0.242, 0.672) |  |
| Off-premise density | -0.008 | 0.016 | (-0.023, 0.040) | 0.992 (0.941, 1.029) |
| Restaurants-cafe density | -0.036 \* | 0.003 | (-0.041, -0.031) | 0.965 (0.960, 0.970) |
| Bars density | 0.010 \* | 0.009 | (-0.008, 0.026) | 1.010 (0.992, 1.023) |
| Economic status1 | -0.002 | 0.002 | (-0.005, 0.002) | 0.998 (0.995, 1.002) |
| Economic spatial lag1 | 0.027\* | 0.004 | (0.005, 0.036) | 1.027 (1.005, 1.037) |
| Immigrant concentration | -0.012\* | 0.003 | (-0.018, -0.006) | 0.988 (0.982, 0.994) |
| Residential instability1 | 0.001\* | 0.0002 | (0.0004, 0.0015) | 1.001 (1.000, 1.002) |
| Population density | 0.001\* | 0.001 | (-0.000, 0.002) | 1.001 (1.000, 1.002) |
| Spatial structure () | 1.281 | 0.372 | (0.750, 2.040) |  |
| Year () | -0.025 \* | 0.007 | (-0.038, -0.013) |  |
| Spatial x Year () | 0.244 | 0.017 | (0.212, 0.278) |  |

\* Posterior probability of being over or under zero > 0.80.

1 This variable was included as the cadastral value divided by 1,000 to solve computational problems with the prior distributions assigned to fixed effects