FootballDA_Westmids

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Regressions with alcohol-type of day interaction (2010-2016)

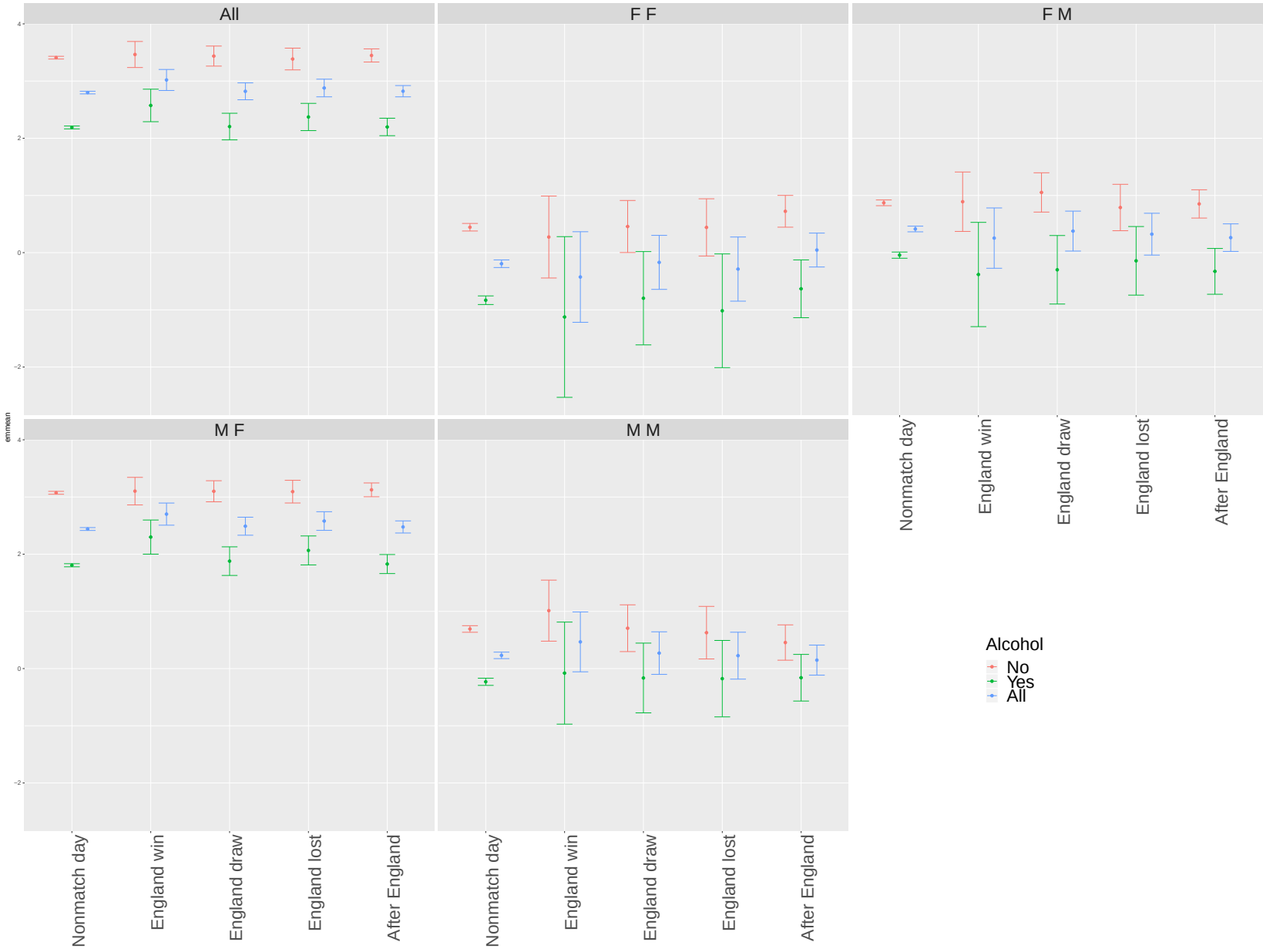
% Table created by stargazer v.5.2.2 by Marek Hlavac, Harvard University. E-mail: hlavac at fas.harvard.edu % Date and time: Mon, Jan 07, 2019 - 10:28:04 \begin{table}[!htbp] \caption{Exponentiated coefficients and 95% CIs from a series of negative binomial regresssions predicting daily counts of reported DA incidents (other controls not included here: month, year, xmas/nye)}

	Dependent variable:				
	All	Male to Male	N Male to Female	Female to Female	Female to Male
	(1)	(2)	(3)	(4)	(5)
England win	1.057 (0.842, 1.329)	1.378 (0.846, 1.910)	1.029 (0.789, 1.270)	0.843 (0.128, 1.557)	1.020 (0.502, 1.537)
England draw	1.028 (0.865, 1.225)	1.013 (0.607, 1.419)	1.027 (0.844, 1.210)	1.013 (0.561, 1.464)	1.199 (0.858, 1.540)
England lost	0.977 (0.809, 1.182)	0.937 (0.480, 1.394)	1.020 (0.823, 1.218)	0.997 (0.500, 1.494)	0.921 (0.518, 1.325)
After England	1.040 (0.928, 1.165)	0.789 (0.484, 1.094)	1.053 (0.934, 1.172)	1.321** (1.049, 1.593)	0.981 (0.737, 1.224)
AlcoholYes	0.295*** (0.291, 0.299)	0.397*** (0.358, 0.436)	0.282*** (0.266, 0.297)	0.279*** (0.230, 0.328)	0.401*** (0.368, 0.433)
Agediff<15	4.111*** (4.051, 4.173)	0.707*** (0.672, 0.743)	5.847*** (5.831, 5.864)	0.569*** (0.527, 0.611)	5.503*** (5.463, 5.542)
Fri	1.131*** (1.102, 1.161)	1.166*** (1.096, 1.235)	1.127*** (1.099, 1.155)	1.089** (1.012, 1.166)	1.095*** (1.038, 1.153)
Sat	1.440*** (1.404, 1.477)	1.498*** (1.432, 1.564)	1.429*** (1.401, 1.456)	1.178*** (1.102, 1.254)	1.392*** (1.337, 1.447)
Sun	1.428*** (1.392, 1.465)	1.469*** (1.403, 1.535)	1.435*** (1.408, 1.463)	1.109*** (1.032, 1.186)	1.386*** (1.331, 1.441)
Mon	1.062*** (1.034, 1.090)	1.093** (1.023, 1.164)	1.066*** (1.038, 1.094)	1.063 (0.986, 1.141)	1.001 (0.942, 1.060)
Tue	1.021 (0.994, 1.048)	1.065* (0.994, 1.136)	1.025* (0.997, 1.054)	1.007 (0.929, 1.086)	0.990 (0.931, 1.049)
Wed	0.995 (0.969, 1.022)	1.034 (0.963, 1.105)	0.996 (0.968, 1.024)	1.001 (0.922, 1.079)	0.965 (0.906, 1.024)
England win:AlcoholYes	1.390* (0.965, 1.995)	0.845 (−0.188, 1.878)	1.589** (1.209, 1.970)	0.885 (−0.687, 2.457)	0.699 (−0.345, 1.743)
England draw:AlcoholYes	0.988 (0.742, 1.311)	1.055 (0.330, 1.780)	1.046 (0.739, 1.353)	1.022 (0.098, 1.947)	0.646 (−0.038, 1.329)
England lost:AlcoholYes	1.229 (0.908, 1.661)	1.127 (0.324, 1.930)	1.270 (0.952, 1.588)	0.834 (−0.272, 1.939)	0.983 (0.266, 1.700)
After England:AlcoholYes	0.970 (0.805, 1.168)	1.361 (0.862, 1.860)	0.970 (0.770, 1.169)	0.924 (0.362, 1.486)	0.768 (0.307, 1.228)
Observations	10,228	10,228	10,228	10,228	10,228
Log Likelihood	−30,800.290	−13,604.590	−28,319.110	−11,498.730	−14,980.590
θ	18.493*** (0.558)	32.207*** (10.441)	19.526*** (0.679)	28.575*** (10.047)	17.841*** (2.026)
Akaike Inf. Crit.	61,670.580	27,279.170	56,708.220	23,067.460	30,031.170

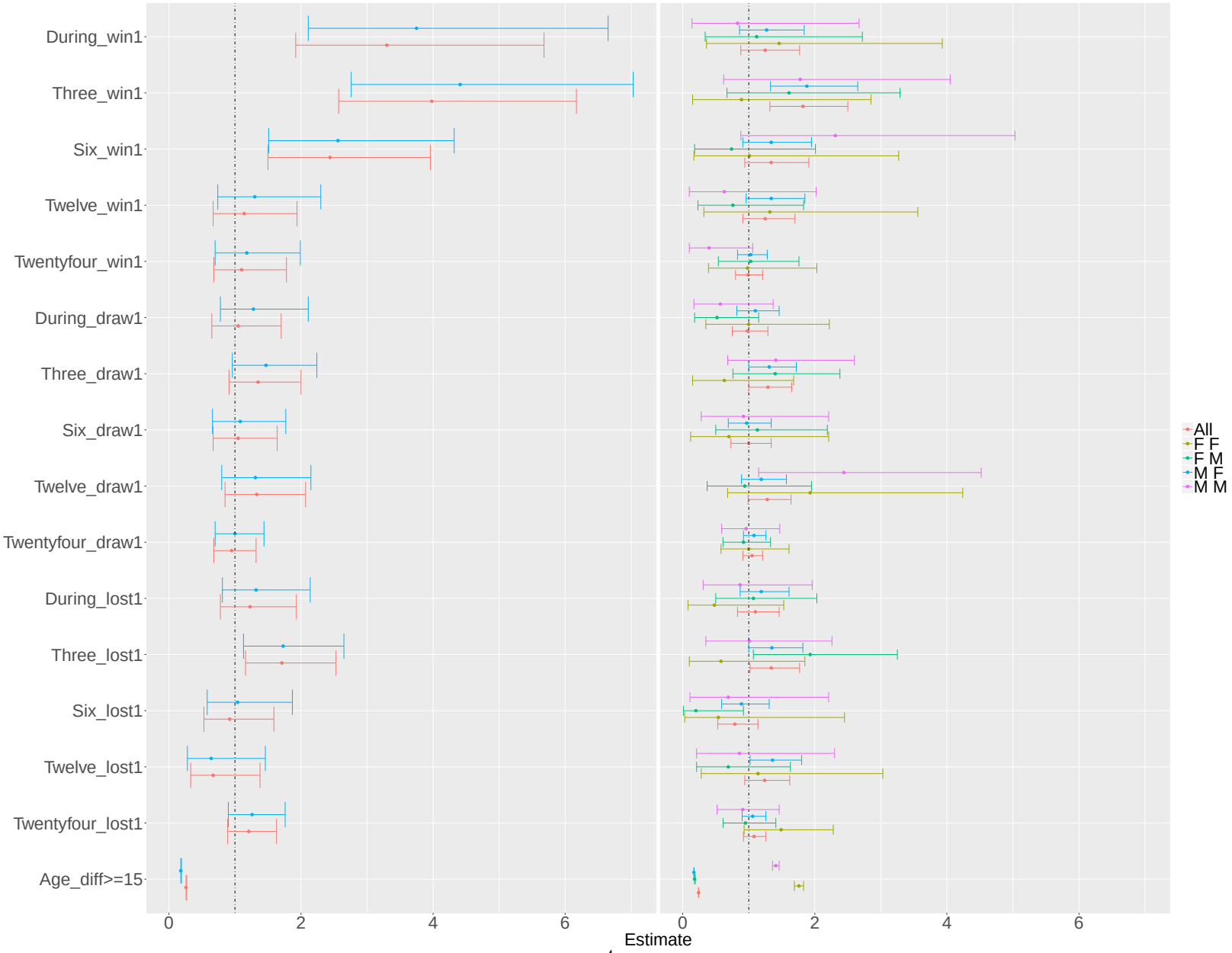
Note: *p<0.1; **p<0.05; ***p<0.01

\end{table}

Marginal effects



Three hour regressions



Results with alcohol (2012-2016)

Number of alcohol purchases per day and as proportion of all purchases

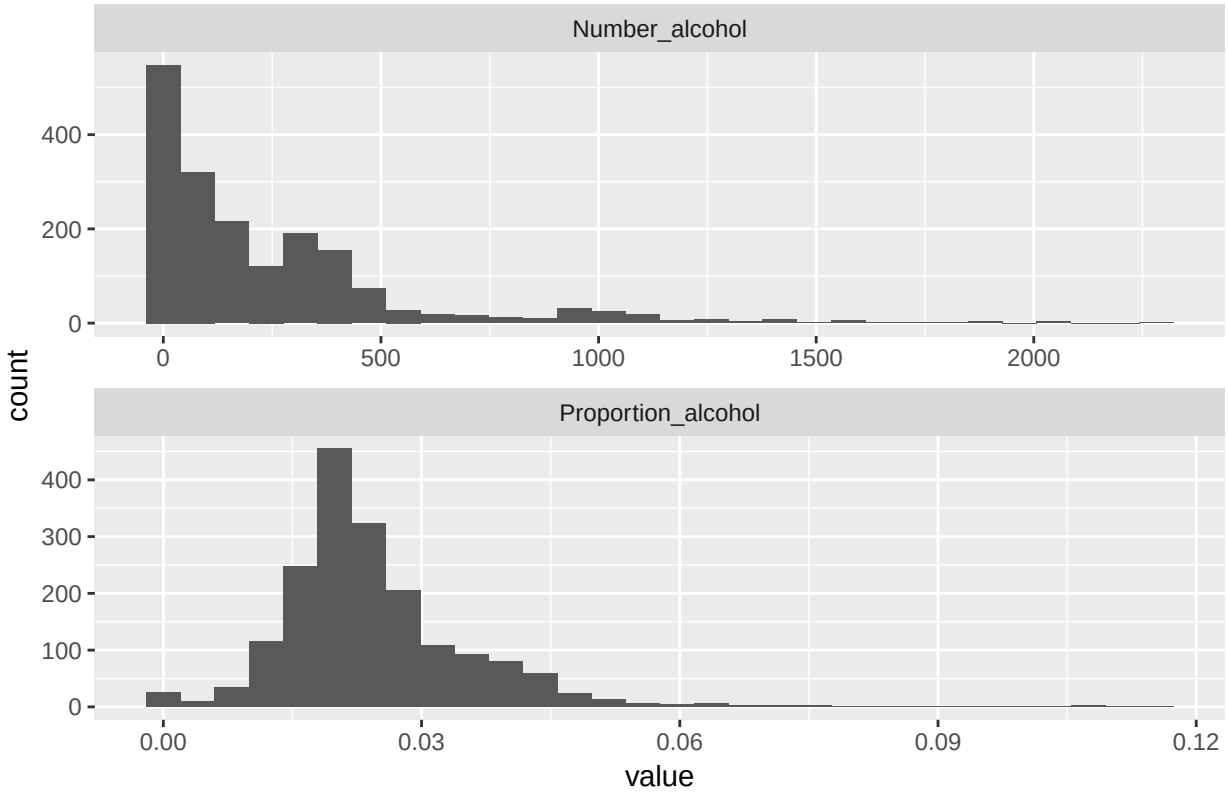


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Table 1: M F, Alcohol related incidents; M1 - Original model, M2 - Original model with number of alcohol purchase as offset, M3 - Original model with proportion of alcohol purchase as offset, M4 - dependent variable: Proportion of alcohol-related purchases scaled

	Dependent variable:			
	N			Scaled_alcprop
		negative binomial		*OLS*
	(1)	(2)	(3)	(4)
Type.of.day2England win	1.426* (0.950, 2.098)	2.164** (1.473, 2.855)	1.382 (0.907, 1.857)	0.312 (−0.617, 1.242)
Type.of.day2England draw	1.041 (0.758, 1.421)	0.995 (0.396, 1.594)	1.000 (0.595, 1.405)	0.120 (−0.688, 0.929)
Type.of.day2England lost	1.019 (0.744, 1.382)	1.374 (0.796, 1.953)	1.355 (0.965, 1.745)	−0.542 (−1.349, 0.266)
Type.of.day2After England	0.962 (0.781, 1.180)	1.206 (0.834, 1.577)	0.911 (0.657, 1.166)	0.287 (−0.213, 0.788)
Day_of_weekFri	1.339*** (1.263, 1.419)	1.248*** (1.145, 1.351)	1.305*** (1.233, 1.376)	0.076 (−0.063, 0.215)
Day_of_weekSat	2.159*** (2.043, 2.281)	6.506*** (6.405, 6.607)	1.380*** (1.311, 1.449)	1.077*** (0.938, 1.216)
Day_of_weekSun	2.068*** (1.956, 2.187)	5.791*** (5.688, 5.893)	1.350*** (1.280, 1.420)	1.083*** (0.943, 1.222)
Day_of_weekMon	1.010 (0.950, 1.074)	0.455*** (0.350, 0.559)	0.776*** (0.702, 0.850)	0.563*** (0.424, 0.702)
Day_of_weekTue	0.958 (0.901, 1.019)	0.833*** (0.728, 0.938)	0.969 (0.895, 1.043)	0.020 (−0.119, 0.159)
Day_of_weekWed	0.953 (0.896, 1.013)	1.105* (1.000, 1.210)	1.111*** (1.036, 1.185)	−0.236*** (−0.375, −0.097)
monthAug	1.118*** (1.039, 1.204)	0.788*** (0.653, 0.922)	1.103** (1.011, 1.195)	0.017 (−0.165, 0.198)
monthDec	1.120*** (1.037, 1.210)	0.566*** (0.423, 0.709)	1.314*** (1.216, 1.412)	−0.267*** (−0.462, −0.072)
monthFeb	0.915** (0.846, 0.989)	0.998 (0.857, 1.138)	0.946 (0.849, 1.042)	−0.091 (−0.277, 0.095)
monthJan	0.907** (0.840, 0.978)	1.141* (1.003, 1.278)	0.978 (0.884, 1.073)	−0.133 (−0.315, 0.049)
monthJul	1.132*** (1.052, 1.219)	0.857** (0.723, 0.992)	1.163*** (1.071, 1.255)	−0.080 (−0.262, 0.102)
monthJun	1.122*** (1.039, 1.212)	0.899 (0.757, 1.041)	1.136*** (1.039, 1.233)	−0.088 (−0.279, 0.103)
monthMar	0.940 (0.872, 1.014)	0.966 (0.829, 1.102)	0.957 (0.863, 1.051)	0.005 (−0.177, 0.187)
monthMay	1.073* (0.997, 1.156)	1.018 (0.883, 1.153)	1.019 (0.926, 1.111)	0.112 (−0.069, 0.294)
monthNov	1.019 (0.946, 1.098)	0.511*** (0.376, 0.647)	1.024 (0.931, 1.118)	−0.057 (−0.241, 0.126)
monthOct	1.019 (0.946, 1.098)	0.566*** (0.432, 0.701)	1.037 (0.944, 1.130)	−0.081 (−0.263, 0.101)
monthSep	1.007 (0.934, 1.086)	0.642*** (0.506, 0.777)	1.076 (0.982, 1.170)	−0.181* (−0.364, 0.003)
year2013	2.098*** (1.981, 2.223)	0.413*** (0.319, 0.506)	2.267*** (2.199, 2.334)	−0.158*** (−0.275, −0.040)
year2014	2.588*** (2.447, 2.738)	0.101*** (0.009, 0.194)	2.169*** (2.102, 2.235)	0.317*** (0.199, 0.434)
year2015	2.729*** (2.581, 2.887)	0.062*** (−0.030, 0.155)	2.070*** (2.004, 2.137)	0.553*** (0.436, 0.671)
year2016	2.686*** (2.540, 2.841)	0.051*** (−0.041, 0.143)	1.958*** (1.892, 2.024)	0.635*** (0.517, 0.752)
Xmas_NYE	2.192*** (1.999, 2.404)	6.764*** (6.577, 6.951)	1.879*** (1.756, 2.001)	0.327** (0.057, 0.598)
Constant	4.632*** (4.271, 5.021)	0.713*** (0.575, 0.851)	259.700*** (259.603, 259.796)	−0.578*** (−0.753, −0.403)
Observations	1,801	1,801	1,801	1,827
R^2				0.354
Adjusted R^2				0.344
Log Likelihood	−5,144.513	−6,308.745	−5,614.791	
θ	30.676*** (2.966)	3.736*** (0.159)	11.392*** (0.711)	
Akaike Inf. Crit.	10,343.030	12,671.490	11,283.580	
Residual Std. Error				0.810 (df = 1800)
F Statistic				37.905*** (df = 26; 1800)