

Logistic regression results (shown as Estimate and *P* value) in cases with Acetaminophen use (DATASET 2. n=4,544)

Variables	Model M‡			Model N			Model O			Model P		
	Estimate	Pr(> z)		Estimate	Pr(> z)		Estimate	Pr(> z)		Estimate	Pr(> z)	
(Intercept)	-7.63496	6.12E-08 *** §		-8.02827	1.34E-07 ***		-7.2539	< 2e-16 ***		-7.8348	< 2e-16 ***	
Oseltamivir	3.7718	< 2e-16 ***		0.6961	0.164		3.7791	< 2e-16 ***		0.4525	0.328	
Zanamivir	4.19647	< 2e-16 ***		1.11599	0.028 *		4.2333	< 2e-16 ***		0.8949	0.0571 .	
Tipepidine	0.26286	0.37705		0.29667	0.333							
Carbocisteine	-0.21906	0.3828		-0.20042	0.432							
Cyproheptadine	-0.41989	0.28666		-0.43177	0.283							
Chlorophenylramine	0.39247	0.33526		0.05744	0.894							
Ambroxol	-0.10344	0.74565		-0.1382	0.668							
Dimemorfan	1.34308	0.00568 **		0.78892	0.099 .							
Clarithromycin	-0.48654	0.12248		-0.37133	0.243							
Dextromethorphan	0.43078	0.21791		0.48874	0.178							
LT20 ¶	2.62875	< 2e-16 ***		2.37355	< 2e-16 ***		2.7449	< 2e-16 ***		2.5367	< 2e-16 ***	
GenderF	-0.04737	0.97259		-0.14008	0.924							
GenderM	0.70953	0.60567		0.62221	0.671							
HighReportYear †	1.33974	6.93E-13 ***		1.2253	1.09E-10 ***		1.271	1.14E-12 ***		1.1832	9.13E-11 ***	
Flu				3.95039	3.19E-11 ***					4.2299	1.89E-13 ***	

¶ LT20 includes teenagers, less than 10, newborn, child and adolescence. †HighReportingYear includes reporting year 2007 and 2008. § Signif. codes are as follows; <0.001 ‘***’, <0.01 ‘**’, <0.05 ‘*’ <0.1 ‘.’

‡ Formulas for indexed models are as follows; Model M:formula = Abnormal.Behaviour ~ Oseltamivir + Zanamivir + Tipepidine + Carbocisteine + Cyproheptadine + Chlorophenylramine + Ambroxol + Dimemorfan + Clarithromycin + Dextromethorphan + LT20 + Gender + HighReportYear, Model N:formula = Abnormal.Behaviour ~ Oseltamivir + Zanamivir + Tipepidine + Carbocisteine + Cyproheptadine + Chlorophenylramine + Ambroxol + Dimemorfan + Clarithromycin + Dextromethorphan + LT20 + Gender + HighReportYear + Flu, Model O:formula = Abnormal.Behaviour ~ Oseltamivir + Zanamivir + LT20 + HighReportYear, Model P:formula = Abnormal.Behaviour ~ Oseltamivir + Zanamivir + LT20 + HighReportYear +Flu