

Logistic regression results (shown as Estimate and P value) in whole JADER (DATASET 1. n=216,945)

Variables	Model A ‡			Model B			Model C			Model D			Model E			Model F		
	Estimate	Pr(> z)		Estimate	Pr(> z)		Estimate	Pr(> z)		Estimate	Pr(> z)		Estimate	Pr(> z)		Estimate	Pr(> z)	
(Intercept)	-7.85948	< 2e-16 *** §		-7.46399	< 2e-16 ***		-7.46177	<2e-16 ***		-7.93815	<2e-16 ***		-7.43382	< 2e-16 ***		-7.43271	<2e-16 ***	
Acetaminophen	0.52671	1.44E-06 ***		0.37055	0.000885 ***		0.19009	0.6293		2.21677	<2e-16 ***		0.40534	0.000188 ***		0.36256	0.3488	
Oseltamivir	4.59481	< 2e-16 ***		2.74356	< 2e-16 ***		2.75634	<2e-16 ***										
Zanamivir	4.92929	< 2e-16 ***		3.07791	< 2e-16 ***		3.08913	<2e-16 ***										
Tipepidine	0.3018	0.10889		0.22913	0.229189		0.22926	0.2296										
Carbocisteine	0.0358	0.80931		-0.01944	0.897455		-0.01844	0.9028										
Cyproheptadine	-0.2622	0.27374		-0.33472	0.165081		-0.33501	0.1652										
Chlorophenylramine	0.08276	0.71998		0.0543	0.818328		0.05836	0.8054										
Ambroxol	0.12776	0.49522		0.07677	0.686126		0.07782	0.6824										
Dimemorfan	0.90774	0.00844 **		0.78106	0.023464 *		0.77828	0.0242 *										
Clarithromycin	-0.52971	0.01115 *		-0.50611	0.016486 *		-0.50435	0.0171 *										
Dextromethorphan	-0.0877	0.72108		-0.1595	0.518406		-0.16171	0.5132										
LT20 ¶	2.02159	< 2e-16 ***		1.95385	< 2e-16 ***		1.95631	<2e-16 ***		3.50446	<2e-16 ***		2.07416	< 2e-16 ***		2.07488	<2e-16 ***	
GenderF	-0.29482	0.27468		-0.67196	0.012138 *		-0.66902	0.0125 *		-0.15851	0.4899		-0.67419	0.010774 *		-0.67392	0.0108 *	
GenderM	0.19455	0.46172		-0.17899	0.494852		-0.17601	0.5019		0.51758	0.0212 *		-0.1969	0.447547		-0.19673	0.4479	
HighReportYear †	1.13226	< 2e-16 ***		1.08311	< 2e-16 ***		1.08261	<2e-16 ***		1.45151	<2e-16 ***		1.11147	< 2e-16 ***		1.1114	<2e-16 ***	
Flu				2.19163	< 2e-16 ***		2.16633	<2e-16 ***					4.80929	< 2e-16 ***		4.80614	<2e-16 ***	
Acetaminophen:Flu							0.19727	0.6304								0.04648	0.9082	

¶ 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 A: formula = Abnormal.Behaviour ~ Acetaminophen + Oseltamivir + Zanamivir + Tipepidine + Carbocisteine + Cyproheptadine + Chlorophenylramine + Ambroxol + Dimemorfan + Clarithromycin + Dextromethorphan + LT20 + Gender + HighReportYear, Model B: formula = Abnormal.Behaviour ~ Acetaminophen + Oseltamivir + Zanamivir + Tipepidine + Carbocisteine + Cyproheptadine + Chlorophenylramine + Ambroxol + Dimemorfan + Clarithromycin + Dextromethorphan + LT20 + Gender + HighReportYear + Flu, Model C: formula = Abnormal.Behaviour ~ Acetaminophen + Oseltamivir + Zanamivir + Tipepidine + Carbocisteine + Cyproheptadine + Chlorophenylramine + Ambroxol + Dimemorfan + Clarithromycin + Dextromethorphan + LT20 + Gender + HighReportYear + Flu + Acetaminophen * Flu, Model D: formula = Abnormal.Behaviour ~ Acetaminophen + LT20 + Gender + HighReportYear, Model E: formula = Abnormal.Behaviour ~ Acetaminophen + LT20 + Gender + HighReportYear + Flu, Model F: formula = Abnormal.Behaviour ~ Acetaminophen + LT20 + Gender + HighReportYear + Flu + Acetaminophen * Flu