

S1 Table: GLM model 3 for WURSS-11 AUC

Fixed factors	AUC WURSS (imputed)			Type 3 two-sided p-values
	Stratum 1: ≤ 12 hours	Stratum 2: 12-24 hours	Stratum 3: > 24 hours	
LS mean (95% CI) <sup>a, c</sup>	139.3 [113.3, 165.3]	180.5 [151.8, 209.2]	229.8 [202.0, 257.5]	
Difference between LS means (95% CI) <sup>b, c</sup>	-90.5 [-119.4, -61.6]	-49.3 [-80.5, -18.0]	N/A	
Type 3 effects <sup>a</sup>				
Time to treatment stratum				<.0001
Previous influenza vaccination				0.0008
Alcohol consumption (cat.)				<.0001
Working status				0.0085
Baseline WURSS (cat.)				<.0001

<sup>a</sup> Model contains time-to-treatment strata, baseline total symptom score, vaccination status, working status, alcohol consumption.

<sup>a</sup> Non-overlapping confidence intervals of LS-Means between 2 Strata indicate a significant difference between strata.  
Generalized linear model used inverse probability weights derived from propensity scoring approach.

<sup>b</sup> Compared with initiation of therapy at > 24 hours after start of illness.

<sup>b</sup> If 0 is outside the confidence interval for the differences between LS-Means then this comparison is significant.

<sup>c</sup> N/A: not applicable, CI: confidence interval.