

Supplementary Table S5. Multivariate analysis of the markers associated with respiratory failure detected in the univariate analysis of the 61 influenza patients who followed this evolution versus those who maintained adequate ventilation.

Biomarker	Respiratory failure UNIVARIATE		Respiratory failure MULTIVARIATE		P value
	Odds ratio	95% CI	Odds ratio	95% CI	
Age (years)	0.98	(0.96-0.99)	0.98	(0.96-1.01)	0.158
Smoker	5.87	(2.24-15.43)	7.32	(1.22-44.06)	0.030
COPD	2.59	(1.29-5.19)	3.16	(1.05-9.51)	0.041
IL8 elevated	2.69	(1.28-5.65)	1.63	(0.67-3.93)	0.280
IL10 elevated	2.36	(1.2-4.65)	2.39	(0.92-6.2)	0.072
IL15 elevated	0.44	(0.21-0.91)	0.30	(0.1-0.89)	0.029
Low ApoH	4.25	(2.05-8.79)	4.40	(1.51-12.84)	0.007
CRP elevated	2.42	(1.21-4.83)	2.06	(0.76-5.58)	0.157
Area under ROC curve			0.792	(0.718-0.854)	

COPD: chronic obstructive pulmonary disease; CRP: C-reactive protein.