Table 2. Characteristics of patients hospitalized with severe acute respiratory infection by influenza positivity, Damanhour district, Egypt, 2013

Characteristics	Influenza positive (n=320)		Influenza negative (n=1407)		Odds ratio	(95%CI)	P-value
	No.	(%)	No.	(%)			
Gender							
Female	143	(17)	675	(83)	0.9	(0.7-1.1)	0.29
Male	177	(19)	732	(81)			
Residency							
Rural	233	(19)	984	(81)	1.2	(0.9-1.5)	
Urban	87	(17)	423	(83)			
Pregnancy							
Yes	3	(19)	13	(81)	0.9	(0.2-3)	0.83
No	71	(21)	267	(79)			
Underlying condition[a]							
Yes	49	(17)	236	(83)	0.9	(0.6-1.3)	0.53
No	271	(19)	1171	(81)			
Smoking							
Yes	26	(25)	78	(75)	1.4	(0.9-2.3)	0.15
No	174	(19)	740	(81)			
Intensive care unit required							
Yes	1	(4)	22	(96)	0.2	(0.03-1.5)	0.08
No	319	(19)	1385	(81)			
Ventilation required							
Yes	0	(0)	5	(100)	NA		0.29
No	320	(19)	1402	(81)			
Death							
Yes	0	(0)	9	(100)	NA		0.16
No	305	(19)	1338	(81)			

CI = confidence interval; NA = not applicable; OR = odds ratio
[a] Underlying conditions included asthma, cardiomyopathy, congenital heart disease, diabetes, heart disease, mental retardation, chronic obstructive pulmonary disorder, epilepsy, hepatitis, liver failure.