

Supplementary table S6. Risk of symptom persistence by microbiota clusters three weeks after onset of ARI* (swab B)

Cluster (n= 155)	B1[†] (n= 96)	B2 (n = 34)	B3 (n= 25)
Symptomatic after 1 week		0.7 (0.3-1.6); 0.367	0.7 (0.3-1.7); 0.383
Symptomatic after 2 weeks		0.4 (0.1-1.9); 0.103	1.4 (0.5-3.5); 0.510
Symptomatic after 3 weeks		0.2 (0.0-0.7); 0.016	3.3 (1.3-8.0); 0.011
Continuously symptomatic for ≥ 3 weeks		0.2 (0.0-1.2); 0.073	2.8 (1.0-7.5); 0.038

*ARI, acute respiratory tract infection. Data are presented as odds ratio (95 % confidence interval); p value. Associations were estimated using logistic regression. [†]Reference level is cluster 1.