

**Supplementary table S7.** Association of presence of symptoms three weeks after onset of ARI\* and continuous presence of symptoms for  $\geq$  three weeks after onset of ARI with clusters three weeks after the onset of infection (swab B)

	Unadjusted Model			Adjusted model 1 <sup>†</sup>			Adjusted model 2 <sup>‡</sup>		
	Coeff	95 % CI	p value	Coeff	95 % CI	p value	Coeff	95 % CI	p value
<b>Outcome:</b> Presence of symptoms three weeks after onset of ARI									
Cluster B1 <sup>§</sup>	.	.	.	.	.	.	.	.	.
Cluster B2	-1.83	-3.33, -0.34	0.016	-1.91	-3.42, -0.39	0.014	-1.89	-3.45, -0.33	0.017
Cluster B3	1.18	0.27, 2.09	0.011	1.33	0.36, 2.31	0.007	1.36	0.33, 2.40	0.009
<b>Outcome:</b> Continuous presence of symptoms for $\geq$ three weeks after onset of ARI									
Cluster B1 <sup>§</sup>	.	.	.	.	.	.	.	.	.
Cluster B2	-1.89	-3.94, 0.17	0.073	-1.90	-3.98, 0.17	0.072	-1.88	-4.00, 0.25	0.083
Cluster B3	1.03	0.06, 2.01	0.038	1.07	0.04, 2.10	0.041	1.03	-0.06, 2.12	0.063

\*ARI, acute respiratory tract infection. <sup>†</sup>Adjusted for age and season. <sup>‡</sup>Adjusted for age, season, atopy, childcare, breastfeeding status, environmental tobacco smoke, siblings. Associations were estimated using logistic regression. <sup>§</sup>Reference level is cluster B1.