Supplemental materials for:

Hay AD, Anderson E, Ingle S, Beck C, Hollingworth W. Respiratory tract infections in children in the community: prospective online inception cohort study. *Ann Fam Med.* 2019;17(1):14-22.
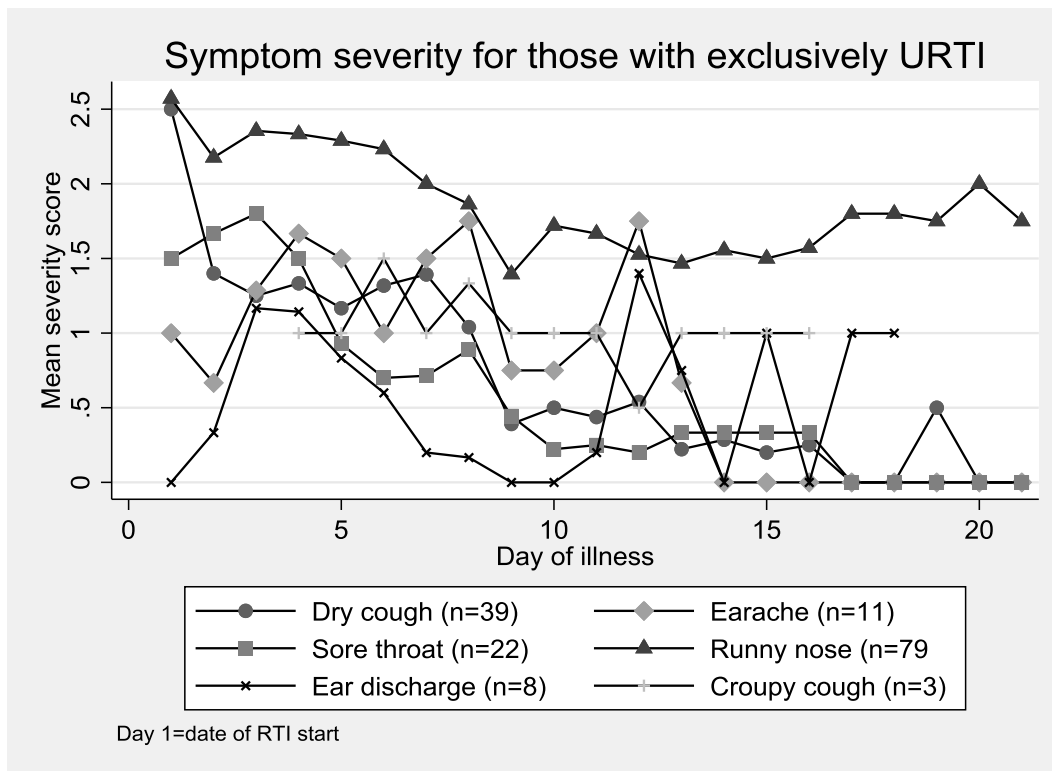
WEB APPENDIX TABLE AND FIGURES

Web Table 1. Representativeness of children in cohort

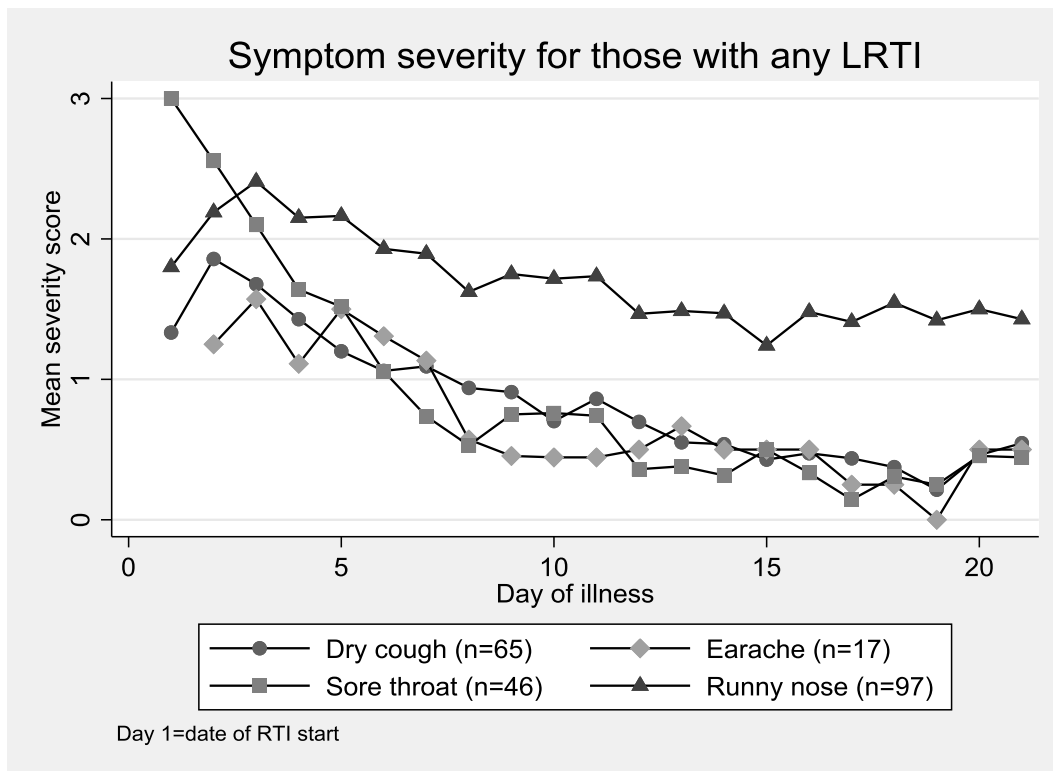|	Invited, not enrolled (N = 9,832)	Enrolled (N = 485)	Chi-squared p-value
Age, years median (IQR)	**6 (3–10)**	**4 (3–7)**	**<0.001***
Female, N (%)	**4,824 (49.1%)**	**245 (50.5%)**	**0.53**
IMD decile, N (%):			**<0.001**
1 (most deprived)	2301 (23.4)	42 (8.7)	
2	889 (9.1)	44 (9.1)	
3	1316 (13.4)	43 (8.9)	
4	1151 (11.7)	59 (12.2)	
5	339 (3.5)	16 (3.3)	
6	352 (3.6)	46 (9.5)	
7	960 (9.8)	65 (13.4)	
8	1640 (16.7)	109 (22.5)	
9	395 (4)	25 (5.2)	
10 (least deprived)	485 (4.9)	36 (7.4)	

**Wilcoxon rank-sum p value*

Four children in not-enrolled group had missing data for age and IMD decile.
Seven children in enrolled group were not in original mailout invitation list

Web Appendix Figure 1. Mean symptoms' severity (among children reporting that symptom, among children with exclusively upper respiratory tract infection symptoms) where day 1 is the RTI start date.
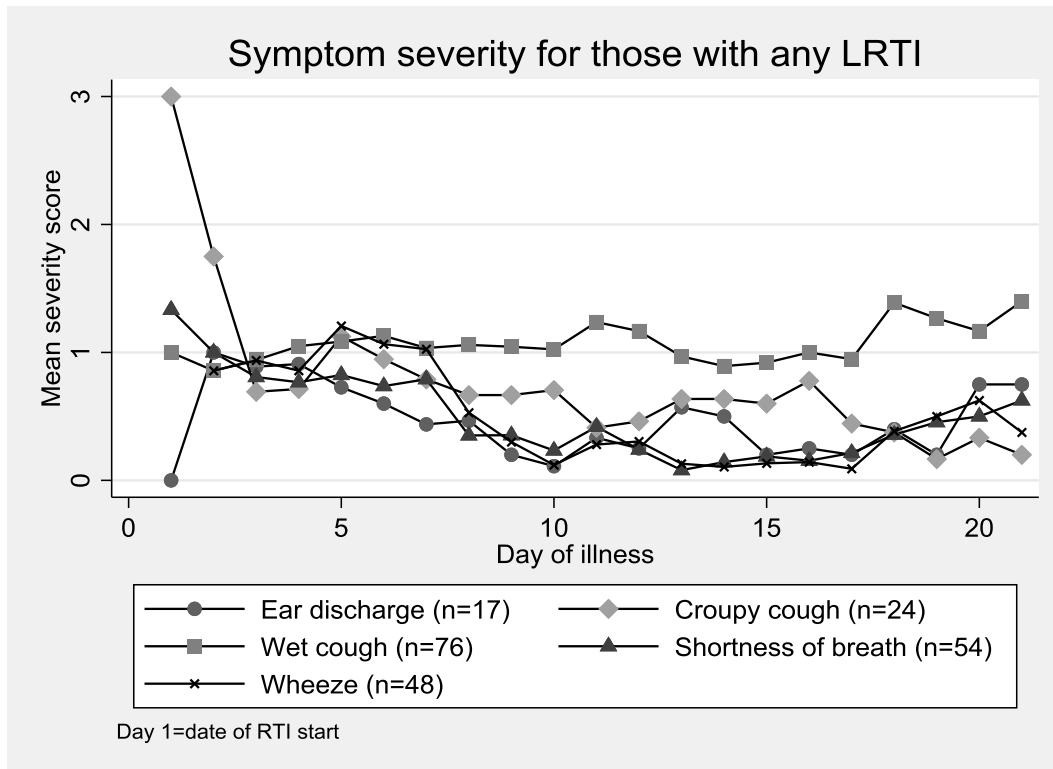

Symptom severity scored using Likert scale: zero (normal or no problem) to six (as bad as it could be).

Web Appendix Figure 2a. Mean symptoms' severity (among children reporting that symptom, among children with any lower respiratory tract infection symptom) where day 1 is the RTI start date.

Symptom severity scored using Likert scale: zero (normal or no problem) to six (as bad as it could be).

Web Appendix Figure 2b. Mean symptoms' severity (among children reporting that symptom, among children with any lower respiratory tract infection symptom) where day 1 is the RTI start date.

Symptom severity scored using Likert scale: zero (normal or no problem) to six (as bad as it could be).