Table S1. Canadian acute respiratory illness and flu scale for common cold

| Item                                  | No problem (0) | Minor problem (1) | Moderate problem (2) | Major problem (3) | Don’t know or Not applicable |
|----------------------------------------|----------------|-------------------|----------------------|-------------------|-----------------------------|
| Poor appetite                          |                |                   |                      |                   |                             |
| Not sleeping well                      |                |                   |                      |                   |                             |
| Irritable, cranky, fussy               |                |                   |                      |                   |                             |
| Feels unwell                           |                |                   |                      |                   |                             |
| Low energy, tired                      |                |                   |                      |                   |                             |
| Not playing well                       |                |                   |                      |                   |                             |
| Crying more than usual                 |                |                   |                      |                   |                             |
| Needing extra care                     |                |                   |                      |                   |                             |
| Clinginess                             |                |                   |                      |                   |                             |
| Headache                               |                |                   |                      |                   |                             |
| Sore throat                            |                |                   |                      |                   |                             |
| Muscle aches or pains                  |                |                   |                      |                   |                             |
| Fever                                  |                |                   |                      |                   |                             |
| Cough                                  |                |                   |                      |                   |                             |
| Nasal congestion, runny nose          |                |                   |                      |                   |                             |
| Vomiting                               |                |                   |                      |                   |                             |
| Not interested in what’s going on     |                |                   |                      |                   |                             |
| Unable to get out of bed               |                |                   |                      |                   |                             |

* Score was calculated as the mean of all applicable items.
Table S2. Cough score for acute tracheobronchitis and post-infection cough

| Item                                 | None (0) | Nearly none (1) | Occasionally (2) | Sometimes (3) | Often (4) | Very often (5) | Persistence (6) |
|--------------------------------------|----------|-----------------|------------------|---------------|-----------|----------------|-----------------|
| **Daytime cough score**              |          |                 |                   |               |           |                |                 |
| Frequency                            |          |                 |                   |               |           |                |                 |
| Severity                             |          |                 |                   |               |           |                |                 |
| Annoying                             |          |                 |                   |               |           |                |                 |
| Expectoration                        |          |                 |                   |               |           |                |                 |
| Wheeze                               |          |                 |                   |               |           |                |                 |
| **Nocturnal cough score**            |          |                 |                   |               |           |                |                 |
| Frequency                            |          |                 |                   |               |           |                |                 |
| Annoying                             |          |                 |                   |               |           |                |                 |
| Not sleeping well for the kid        |          |                 |                   |               |           |                |                 |
| Not sleeping well for the caregiver  |          |                 |                   |               |           |                |                 |
| Item                     | Yes | No |
|--------------------------|-----|----|
| Repeat outpatient visits |     |    |
| Pneumonia development    |     |    |
| Hospitalization          |     |    |
Supplement websites

Government websites of Health Commission:
https://wsjkw.sh.gov.cn/
http://wjw.sz.gov.cn/
http://jnmc.jinan.gov.cn/
http://sxwjw.shanxi.gov.cn/
http://wsjk.tj.gov.cn/

Government websites of Bureau of Statistics:
https://tjj.sh.gov.cn/
http://tjj.sz.gov.cn/
http://jntj.jinan.gov.cn/
http://tjj.shanxi.gov.cn/
http://stats.tj.gov.cn/