

S5 Table. Baseline Characteristics of Studies Meeting Inclusion Criteria

Characteristics	N = 22	%
Year of publication	1978-2017	
Period of LRTI	1960-2005	
Follow-up duration (Years)	1,5-10	
Sampling		
Non probabilistic	21	95.5
Probabilistic	1	4.6
Timing of exposure collection		
Prospectively	18	77.3
Retrospectively	4	9.1
Country		
Australia	1	4.6
Chile	1	4.6
Danemark	2	9.1
Danmark	1	4.6
England	1	4.6
Finland	1	4.6
Netherland	1	4.6
Norway	1	4.6
Qatar	1	4.6
Russia	1	4.6
Spain	2	9.1
Sweden	6	27.3
UK	2	9.1
United Kingdom	1	4.6
UNSD Region		

Characteristics	N = 22	%
Eastern Europe	1	4.6
Northern Europe	15	68.2
Oceania	1	4.6
South America	1	4.6
Southern Europe	2	9.1
Western Asia	1	4.6
Western Europe	1	4.6
Country income level		
High-income economies	21	95.5
Upper-middle-income economies	1	4.6
Age range at recruitment		
< 6 months	5	22.7
< 1 year	13	59.1
< 2 years	3	13.7
Unclear/Not reported	1	4.6
Age range at interview		
2-5 years	9	40.9
5-10 years	8	36.3
10-15 years	1	4.5
15-20 years	1	4.5
Unclear/Not reported	3	13.6
Hospitalization LRTI +		
Hospitalized	22	100.0
Hospitalization LRTI -		
Ambulatory	8	36.4
Hospitalized	7	31.8

Characteristics	N = 22	%
Hospitalized/ambulatory	2	9.1
Unclear/Not reported	5	22.7
First episode of LRTI		
No	3	13.6
Yes	15	68.2
Unclear/Not reported	4	18.2
Virus screened for LRTI +		
Adenovirus type 7	1	4.6
Human Metapneumovirus (hMPV)	1	4.6
Human Respiratory Syncytial Virus (HRSV)	20	90.9
Sample types		
Nasopharyngeal	9	40.9
Unclear/ Not reported	13	59.1
Detection assays		
Classical RT-PCR	1	4.6
Classical RT-PCR, ELISA	2	9.1
Culture	1	4.6
Culture, Rapid antigen	1	4.6
ELISA, latex agglutination test	1	4.6
Enzyme immunoassay	3	13.6
Immunoassay method	1	4.6
Immunoflorescent assay	2	9.1
Immunoflorescent assay, enzyme immunoassay	2	9.1
Immunofluorescence, Culture	2	9.1
Immunofluorescence, RT-PCR	2	9.1
Unclear/Not reported	4	18.2

Characteristics	N = 22	%
Type of LRTI		
Bronchiolitis	15	68.2
LRTI not specified	6	27.3
Pneumonia	1	4.6
Type of wheezing		
Any wheezing	2	9.1
Current wheezing	6	27.3
Recurrent wheezing	13	59.1
Wheezing in the last 12 months	1	4.6

LRTI: Lower Respiratory Tract Infections; HRSV: Human respiratory syncytial virus; HAdV: Human adenovirus; HMPV: Human metapneumovirus