

**Supplementary Table 2. Pathogens detected among children hospitalized with and without *M. pneumoniae* community-acquired pneumonia\* and documented co-detections†**

Co-detection	<i>M. pneumoniae</i> PCR-positive n (%)	<i>M. pneumoniae</i> PCR- negative n (%)	OR (95% CI)
Children hospitalized with CAP who had the opportunity to undergo testing for both bacterial and viral testing	178 (98)	2001 (97)	
<i>Co-detection identified</i> <sup>†a</sup>	50 (28)	523 (26)	
<i>Any viral co-detection</i> <sup>b</sup>	49 (98)	521 (99)	0.2 (0.02 – 2.1)
Human rhinovirus	28 (57)	230 (44)	1.7 (0.9 – 3.1)
Respiratory syncytial virus	9 (18)	254 (49)	0.2 (0.1 – 0.5)
Influenza A and B viruses	7 (14)	87 (17)	0.8 (0.4 – 1.9)
Human metapneumovirus	6 (12)	113 (22)	0.5 (0.2 – 1.2)
Human coronavirus	5 (10)	93 (18)	0.5 (0.1 – 1.3)

Adenovirus	5 (10)	192 (37)	0.2 (0.08 – 0.5)
Parainfluenza virus <sup>c</sup>	3 (6)	81 (16)	0.3 (0.1 – 1.1)
<i>Any bacterial co-detection</i> <sup>b</sup>	2 (4)	105 (20)	0.2 (0.04 – 0.8)
<i>Streptococcus pneumoniae</i>	2 (100)	51 (49)	NA <sup>d</sup>

\* Note: *M. pneumoniae* PCR-positive: A radiographically-confirmed CAP patient enrolled in EPIC with a positive *M. pneumoniae* PCR.

*M. pneumoniae* PCR-negative: A patient enrolled in EPIC with radiographically-confirmed pneumonia with a negative *M. pneumoniae* PCR.

† Co-detection was defined as detection of more than one bacterial or viral pathogens in any combination, including *M. pneumoniae*.

<sup>a</sup>CAP with *M. pneumoniae* who did not have co-detections (n=128) and CAP without *M. pneumoniae* who did not have co-detections (n= 1478)

<sup>b</sup>The numbers and percentages are not mutually exclusive

<sup>c</sup> Parainfluenza virus: PIV 1=2; PIV 3=1

<sup>d</sup> Fisher's Exact P=0.2 as 50% of the cells have expected counts less than 5