

	PCV13			Extra 11 PPV23			Other			Not serotyped			p value
	N	238	%	N	496	%	N	325	%	N	196	%	
Male sex	135	238	56.7	302	496	60.9	193	325	59.4	126	196	64.3	0.56
Premature birth	28	219	12.8	69	478	14.4	49	311	15.8	24	190	12.6	0.632
Had comorbidity	35	238	14.7	96	496	19.4	101	325	31.1	27	196	13.8	<0.001
Age Group													
3 to 11 months	105	238	44.1	223	496	45	116	325	35.7	64	196	32.7	0.095
12 to 23 months	74	238	31.1	152	496	30.6	111	325	34.2	82	196	41.8	
24 to 59 months	59	238	24.8	121	496	24.4	98	325	30.2	50	196	25.5	
Number of comorbidities per patient													
0	203	238	85.3	400	496	80.6	224	325	68.9	169	196	86.2	<0.001
1	31	238	13	93	496	18.8	87	325	26.8	20	196	10.2	
2	3	238	1.3	3	496	0.6	10	325	3.1	7	196	3.6	
3+	1	238	0.4	0	496	0	4	325	1.2	0	196	0	
Clinical Presentation													
Septicaemia	35	214	16.4	141	434	32.5	95	280	33.9	47	161	29.2	<0.001
Meningitis	53	214	24.8	160	434	36.9	79	280	28.2	40	161	24.8	
LRTI	110	214	51.4	115	434	26.5	85	280	30.4	68	161	42.2	
Other	16	214	7.5	18	434	4.1	21	280	7.5	6	161	3.7	
Case fatality ratio	16	238	6.7	26	496	5.2	15	325	4.6	7	196	3.6	0.54

Supplement Table 1. Characteristics of IPD by serotype group in children aged 3 to 59 months diagnosed between 01 April 2010 and 31 March 2016 in England and Wales. The χ^2 test was used to compare proportions between the different groups.

N = Numerator, Total in subset, % = Proportion, LRTI =bacteraemic lower respiratory tract infection