

**Supplementary table S2** Pneumococcal Serotype-Specific IgG (Geometric Mean Concentrations with 95% CI,  $\mu\text{g/ml}$ ) and Percentage of Children with IgG Level of  $\geq 0.35 \mu\text{g/ml}$  after PCV13 Vaccination with Catch-Up, 2+1, and 3+1 Schedules

Sero-type	Schedules								P value					
	NI		PCV13		PCV13		PCV13		NI		Catch-up		2+1	
	n = 19	% $\geq$ 0.35 $\mu\text{g/ml}$	n = 257	% $\geq$ 0.35 $\mu\text{g/ml}$	n = 60	% $\geq$ 0.35 $\mu\text{g/ml}$	n = 164	% $\geq$ 0.35 $\mu\text{g/ml}$	Catch-up	2+1	3+1	2+1	3+1	3+1
<b>3</b>	0.22 (0.15-0.34)	31.5	0.29 (0.26-0.33)	35.7	0.31 (0.25-0.40)	32.5	0.28 (0.24-0.32)	44.6	0.926	0.847	0.986	0.965	0.923	0.823
<b>6A</b>	0.45 (0.29-0.45)	61.1	0.68 (0.59-0.80)	67.9	0.68 (0.48-0.98)	77.4	0.71 (0.60-0.85)	72.9	0.632	0.911	0.895	0.874	0.684	1
<b>7F</b>	0.20 (0.13-0.32)	46.3	0.69 (0.61-0.77)	83.1	0.75 (0.58-0.98)	81.1	0.74 (0.60-0.85)	72.9	0.000	0.000	0.003	1	0.015	0.123
<b>19A</b>	1.71 (1.29-2.14)	90.7	1.92 (1.42-2.58)	97.6	1.72 (1.46-2.04)	94.3	2.05 (1.81-2.31)	93.1	0.977	0.956	0.846	0.977	0.993	0.744
<b>6B</b>	0.33 (0.23-0.47)	36.8	0.95 (0.80-1.14)	76.3	1.01 (0.72-1.41)	83.3	0.96 (0.80-1.48)	81.1	0.002	0.003	0.001	1	1	1
<b>14</b>	0.61 (0.42-0.89)	78.9	2.34 (2.00-2.74)	98.8	2.64 (2.00-3.50)	98.3	2.30 (1.91-2.78)	96.9	0.000	0.000	0.000	1	1	1.000
<b>19F</b>	0.99 (0.67-1.44)	78.9	1.47 (1.28-1.68)	95.3	1.44 (1.20-1.73)	93.3	1.60 (1.22-2.09)	95.1	0.959	0.962	0.696	1	0.466	0.808
<b>23F</b>	0.32 (0.21-0.53)	36.8	0.93 (0.79-1.10)	77.4	0.89 (0.67-1.18)	78.3	1.04 (0.85-1.26)	78	0.004	0.014	0.002	1	1	1

GMCs were compared by a one-way analysis of variance (ANOVA) with Scheffe's post hoc test.

Note. NI represents non-immunized children group (n = 19). n, number of children. P values <0.05 were regarded as statistically significant.