

**Supplementary table S1** Demographic Characteristics of Subjects in Different Study Groups

Characteristic	Non immunized <b>n = 19</b>	PCV13 Catch-up <b>n = 257</b>	PCV13 2+1 <b>n = 60</b>	PCV13 3+1 <b>n = 164</b>
Mean age, months (range)	92.04 (51.60 – 115.2)	67.08 (12.36 – 108.48)	47.04 (13.08 – 97.08)	43.8 (12.24 – 72.24)
Male/Female	57.4/42.6	56.4/43.6	45/55	54.3/45.7
Race/Ethnicity (Asian/Taiwanese, %)	100	100	100	100
Doses of PCV13	0 or 2 doses (between 12 & 24 months)	1 dose (between 24 & 60 months) or 2, 4 & 12 months	3 doses (2+1) 2, 4 & 12 months	4 doses (3+1) 2, 4, 6 and 12 months
Mean age at last dose of PCV13, months $\pm$ SD	NA	$35.52 \pm 1.44$	$14.67 \pm 1.8$	$12.96 \pm 0.36$

Note. n, number of children; NA, not applicable.