

## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: Serotype-specific carriage data. File includes numbers, prevalence (and 95% CI) of all serotypes identified across all surveys in the two sites.

File Name: Supplementary Data 2

Description: Annual PCV10 coverage. File contains anonymised data on receipt of one, two and 3 doses of PCV10, year of survey and year of birth of participants in the two sites.

File Name: Supplementary Data 3

Description: PCV10 coverage and VT carriage prevalence. File contains aggregate data on coverage with two doses of PCV10 (and 95% CI) and VT carriage prevalence (and 95% CI) used for analysis of the linear and exponential relationship between PCV coverage and VT carriage.