

Supplementary Material

Table S1. Variables used in the analyses

Variable	Coding	Source
Vaccinated	Received a first dose of a COVID-19 vaccine by 31 st August 2021	NIMS
Age	Third-order polynomial	2011 Census
Sex	Female, Male	2011 Census
Ethnicity	White British, Bangladeshi, Black African, Black Caribbean, Chinese, Indian, Mixed, Other, Pakistani, White other	2011 Census
Religious affiliation	Christian, Buddhist, Hindu, Jewish, Muslim, Sikh, Other Religion, No religion, Religion Not Stated	2011 Census
English language proficiency	Main language, Not main language	2011 Census
Region	Dummy variables representing region of residence	GPES
Rural urban classification	Urban, rural	GPES
Index of Multiple Deprivation (IMD)	Dummy variables representing quintiles of deprivation	GPES
Household tenure	Own, social rented, private rented, other	2011 Census
Level of highest qualification	Level 4+ (Degree or equivalent), Level 3 (A-level or equivalent), Apprenticeship, Level 2 (GCSE or equivalent), Level 1, other, No qualification	2011 Census
National Statistics Socio-economic classification (NS-SEC)	Higher managerial, administrative and professional occupations, Lower managerial, administrative and professional occupations, Intermediate occupations, Small employers and own account workers, Lower supervisory and technical occupations, Semi-routine occupations, Routine occupations, Never worked and long-term unemployed, Not classified	2011 Census
Disability	Non-disabled, disabled (limited a little), disabled (limited a lot)	2011 Census

GPES - General Practice Extraction Service; NIMS - National Immunisation Management System

Figure S1. Proportion of people who received at least one dose of COVID-19 vaccination over time, by English language proficiency and age group

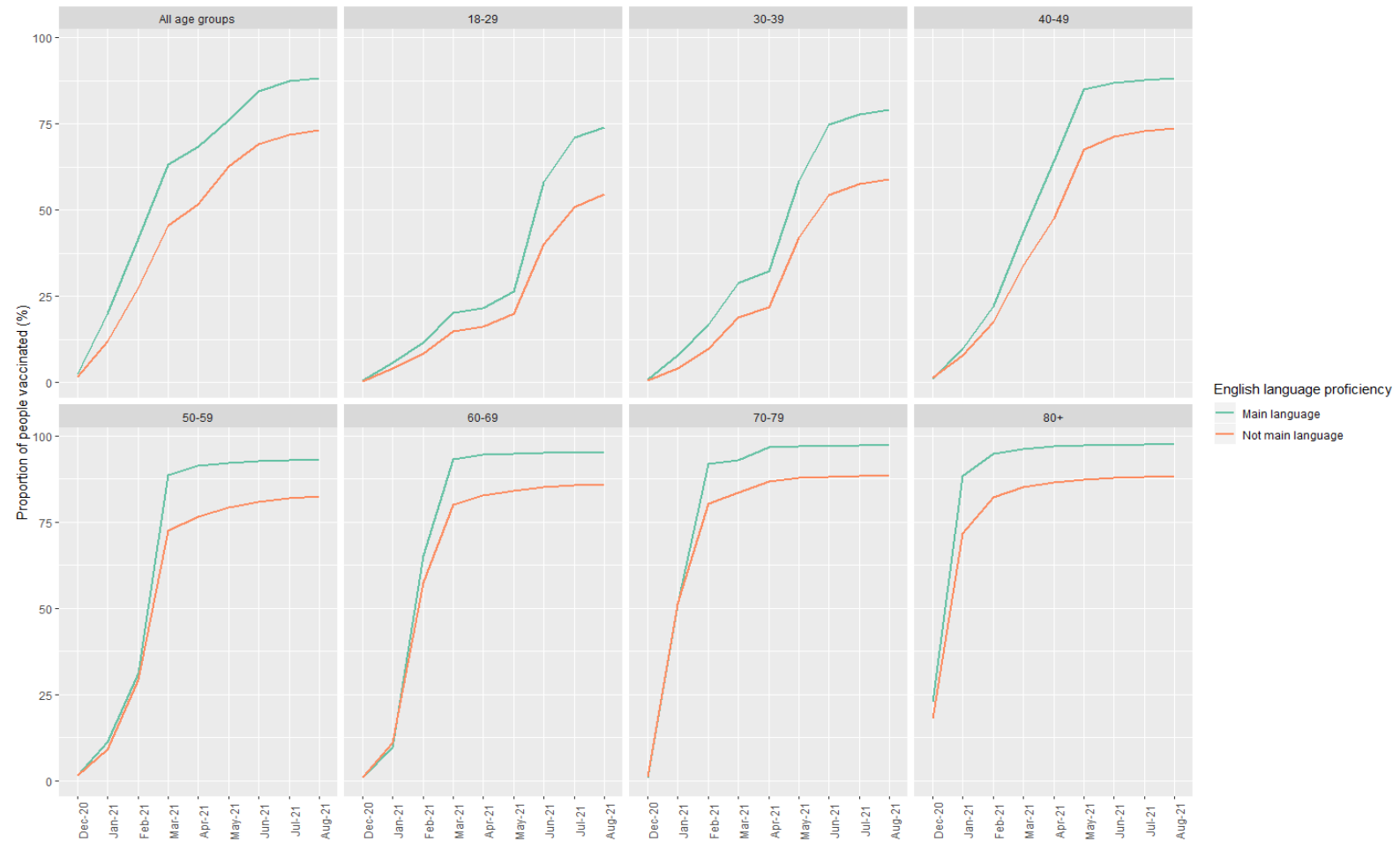


Figure S2. Proportion of people who received at least one dose of COVID-19 vaccination over time, by household tenure and age group

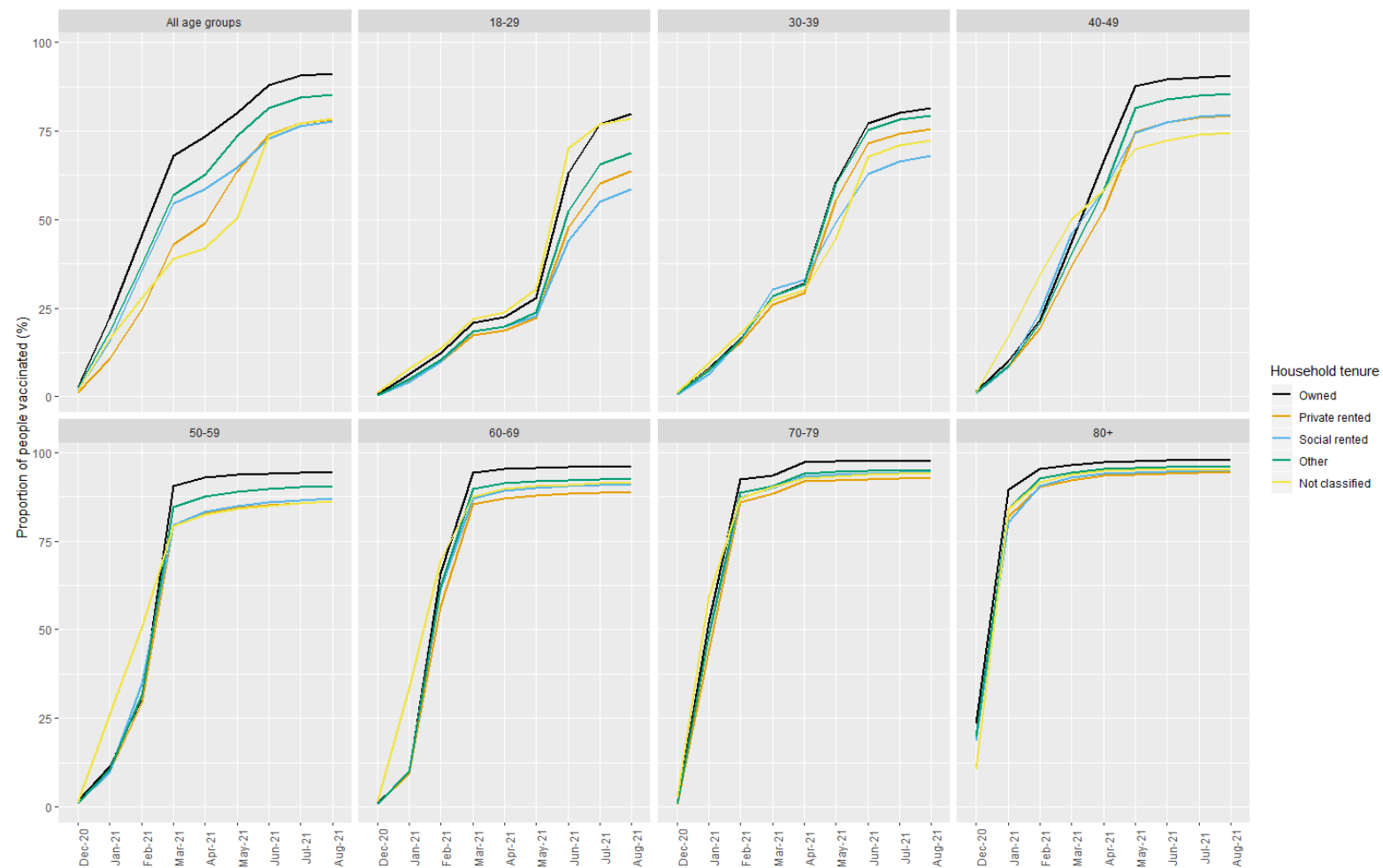


Figure S3. Proportion of people who received at least one dose of COVID-19 vaccination over time, by National Statistics Socio-Economic Classification (NS-SEC) and age group

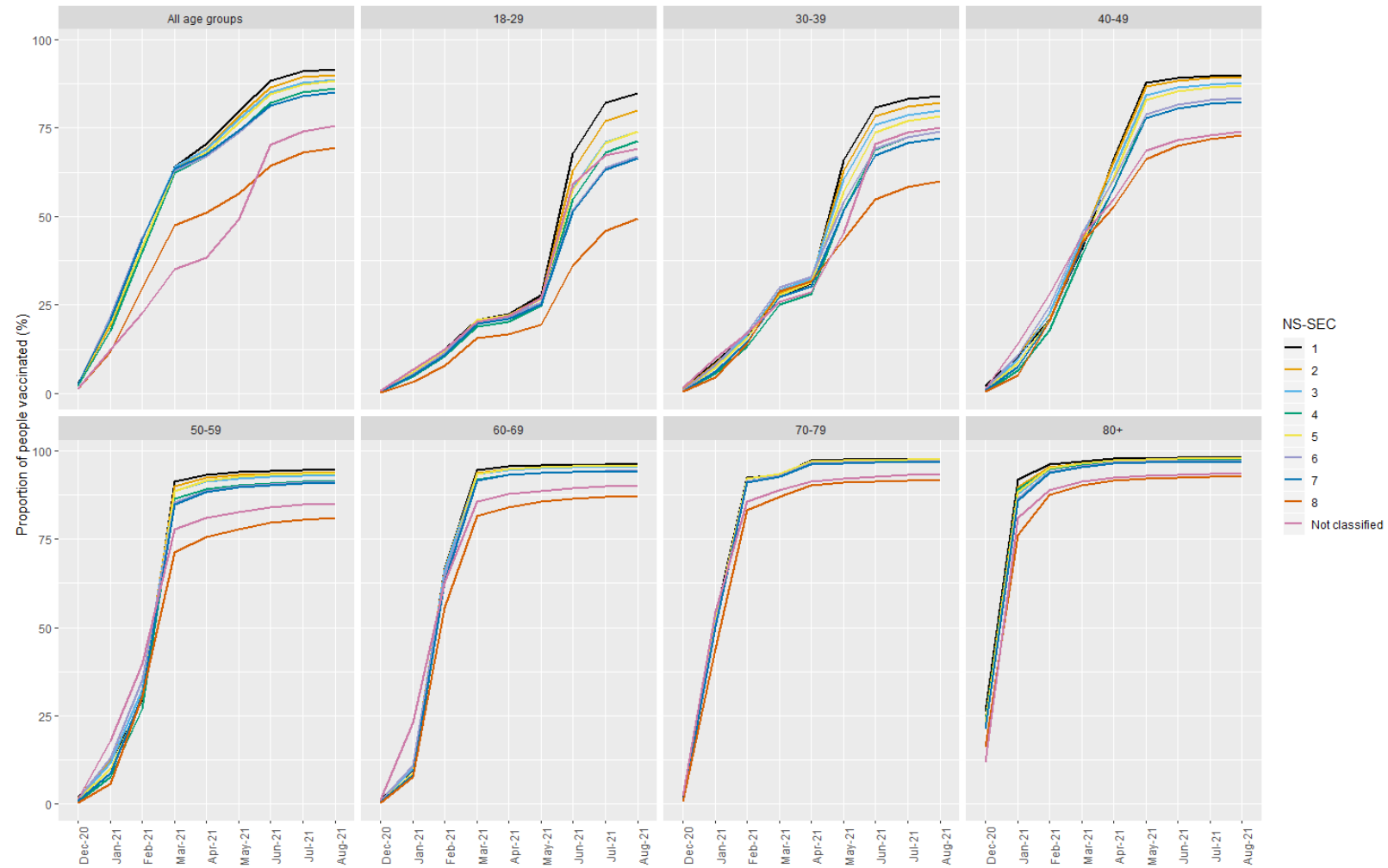
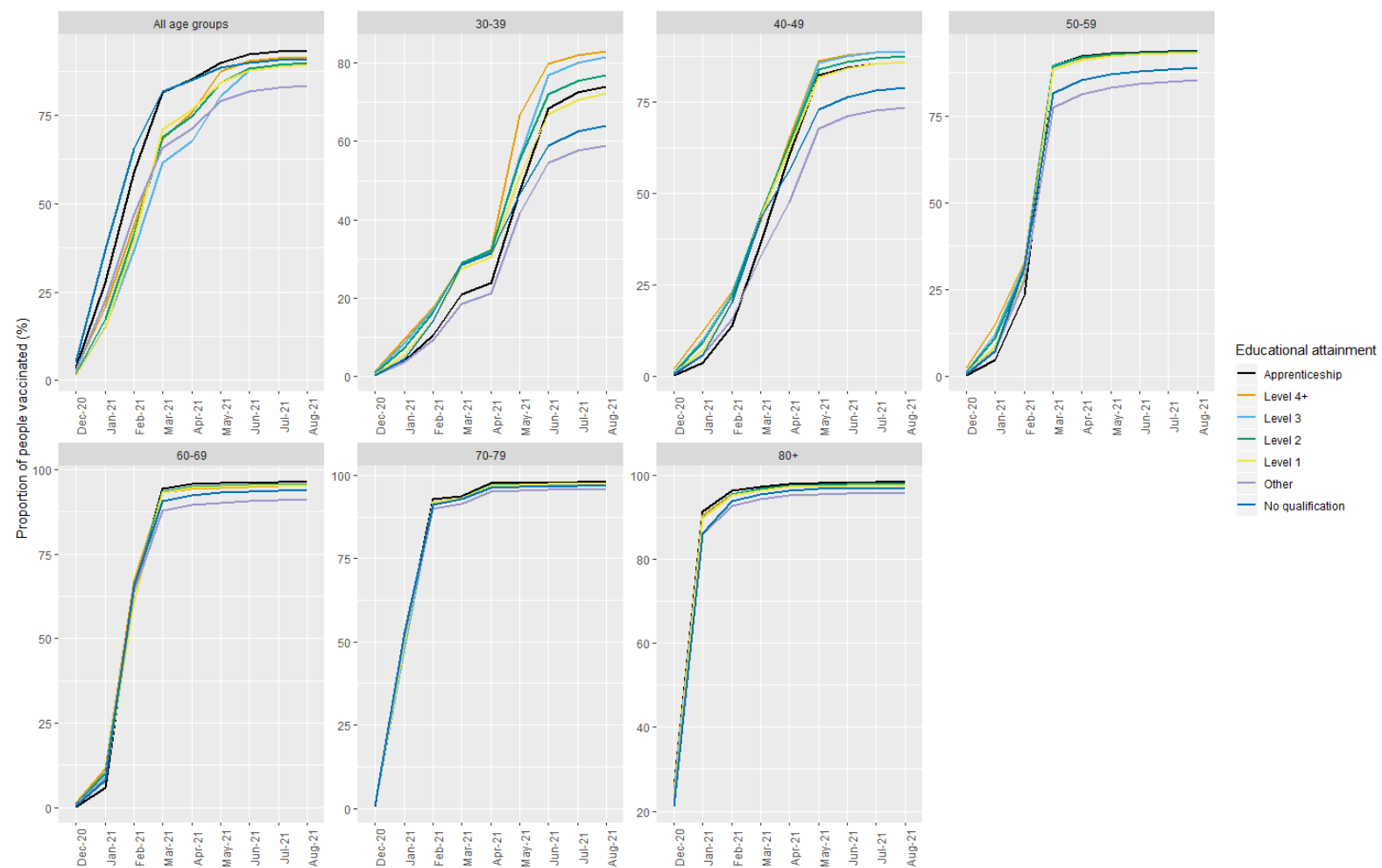


Figure S4. Proportion of people who received at least one dose of COVID-19 vaccination over time, by educational attainment and age group.



Note. Data on educational attainment are only available for those aged 30 years and over, since the 18-29 year age group were likely to have not yet completed their education in 2011 when education data were collected. Level 4+ is degree or equivalent; Level 3 A-level or equivalent, Level 2 GCSE or equivalent