

Fig. S1. Post-stratified estimate of swab positivity by ethnicity over time. Estimates are post-stratified for age, sex, CIS area, ethnicity, and vaccination status. Estimates are presented as posterior medians (solid lines) with shading representing 95% credible intervals.

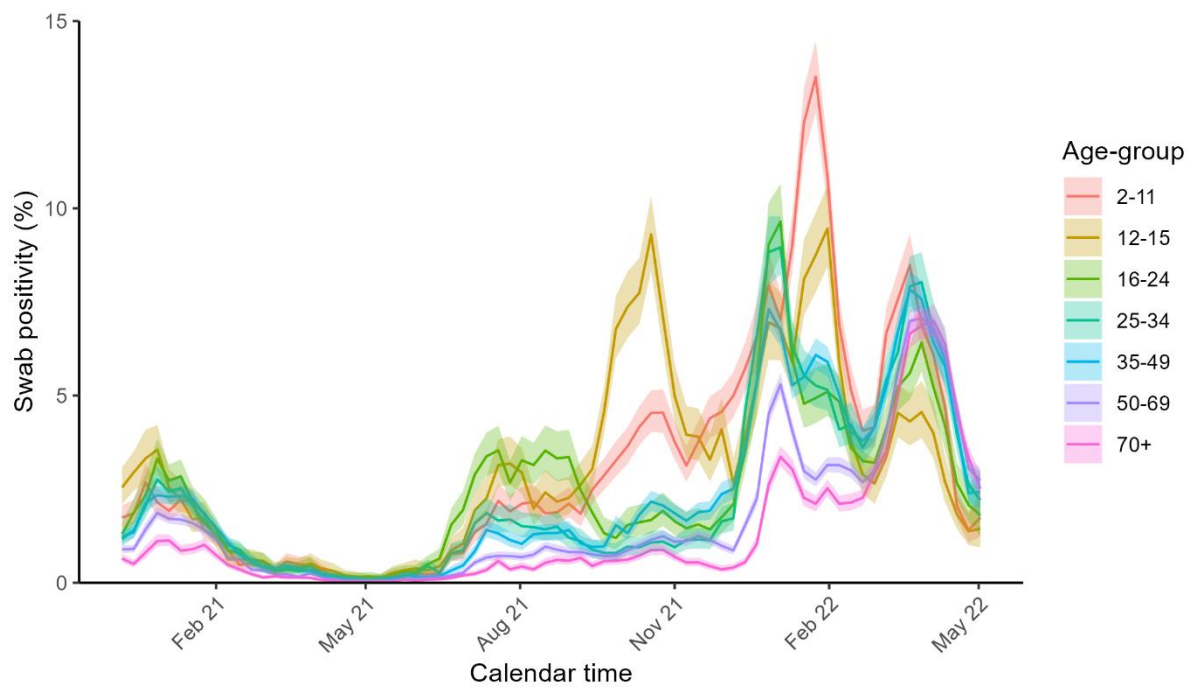


Fig. S2. Post-stratified estimate of swab positivity by age-group over time. Estimates are post-stratified for age, sex, CIS area, ethnicity, and vaccination status. Estimates are presented as posterior medians (solid lines) with shading representing 95% credible intervals.

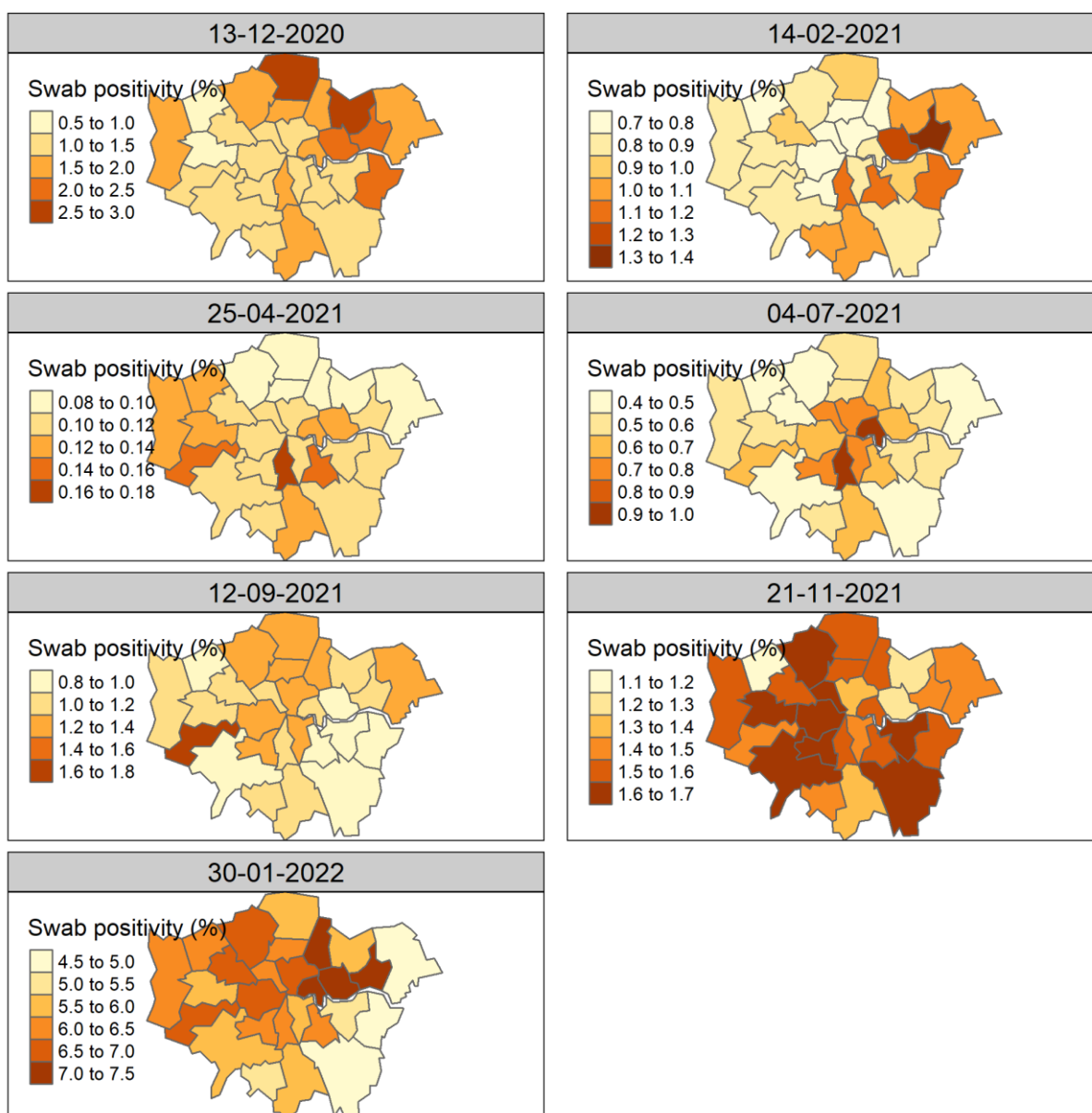


Fig. S3: Post-stratified estimate of swab PCR positivity by CIS area in London over time. Estimates are post-stratified for age, sex, CIS area, ethnicity and vaccination status.

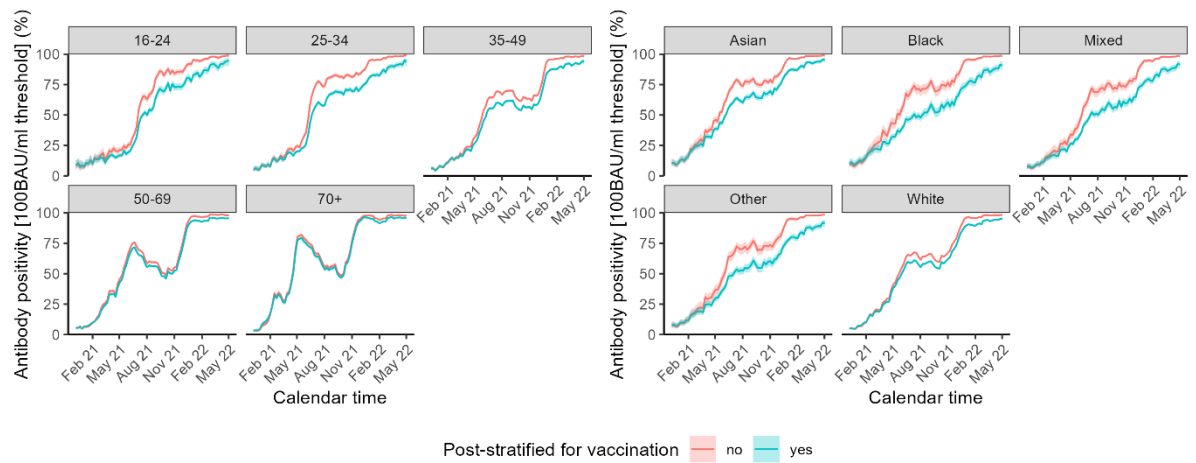


Fig S4. Impact of post-stratifying for vaccination status (yes/no and interaction with time) on estimated antibody positivity at the 100 BAU/ml threshold by age and ethnicity over time. Estimates are post-stratified for age, sex, CIS. Estimates are presented as posterior medians (solid lines) with shading representing 95% credible intervals.