Supplementary figures

Figure S1: Pairwise bivariate scatterplots and Spearman correlation coefficients for anti-SARS-CoV-2 S1-protein IgG Antibodies, neutralisation capacity and interferon-gamma
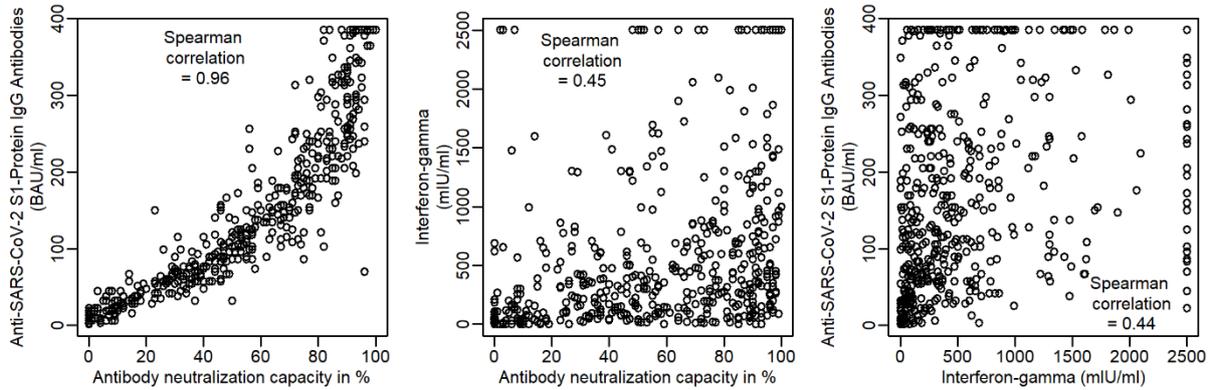

Figure S2: Proportion of persons that are protected against Covid-19 disease over time after second vaccination in the total group by age group and by comorbidity status. A person is considered to be protected against COVID-19 if the SARS-CoV-2 S1 reactive T-cell test is positive, i.e. >200 mIU/ml, and the anti-SARS-CoV-2 S1-protein IgG antibody level is >200 BAU/ml (which corresponds to a neutralisation capacity of >75%). Dots and crosses indicate the individual protection status (0%=not protected, 100%=protected), the line indicates the predicted proportion, and the grey area indicates the 95% prediction band.
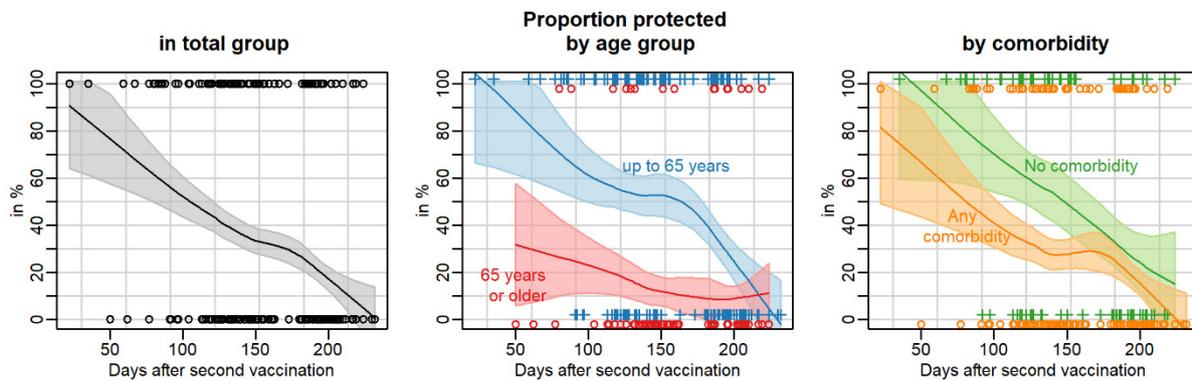
Figure S3: Proportion of persons that are protected against Covid-19 disease over time after second vaccination in the total group by age group and by comorbidity status. A person is considered to be protected against COVID-19 if only the anti-SARS-CoV-2 S1-protein IgG antibody level is >200 BAU/ml (which corresponds to a neutralisation capacity of >75%). Dots and crosses indicate the individual protection status (0%=not protected, 100%=protected), the line indicates the predicted proportion, and the grey area indicates the 95% prediction band.
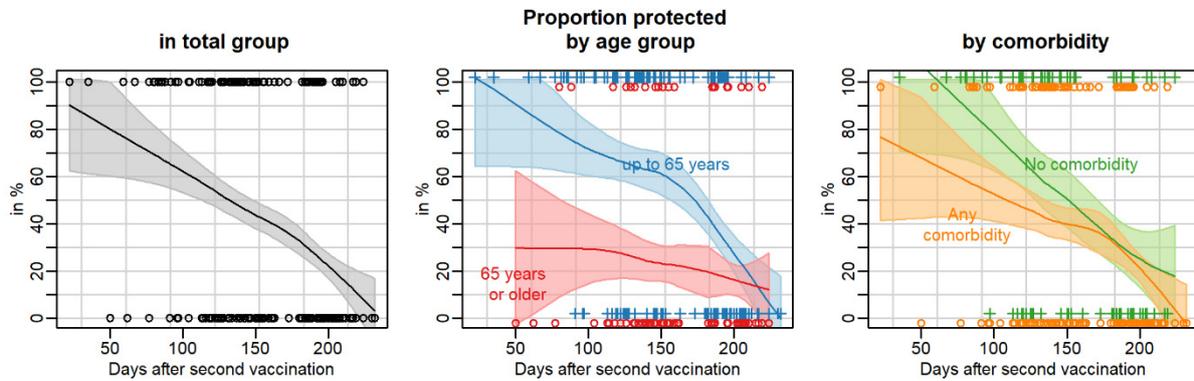

Figure S4: Proportion of persons that are protected against Covid-19 disease over time after second vaccination in the total group by age group and by comorbidity status. A person is considered to be protected against COVID-19 if the anti-SARS-CoV-2 S1-protein IgG antibody level is >264 BAU/ml (threshold from Feng et al. [18]). Dots and crosses indicate the individual protection status (0%=not protected, 100%=protected), the line indicates the predicted proportion, and the grey area indicates the 95% prediction band.