Table S3. Sensitivity analyses: Comparison of adjusted hazard ratios obtained in Cox models with missing value imputation (pooled results from ten imputations, as presented in Table 2 of main document), without missing value imputation (i.e. complete case analysis), and with exclusion of events occurring during the period of variant overlap between 6 December 2021 and 3 January 2022.

	Original result (Table 2)	No missing value imputation	Without variant overlap
Delta period			
Group V (vs. N)	0.47	0.45	0.45
Group I (vs. N)	0.26	0.22	0.24
Group H (vs. N)	0.06	0.06	0.06
Age (per decade)	0.97	0.93	1.01
Male vs. female	1.16	1.14	1.27
Body mass index > 30 kg/m2	0.84	0.89	0.82
Patient contact	0.77	0.79	0.73
Respirator mask use	0.99	0.98	1.04
Positive household	9.66	9.92	8.92
Negative test in last month	1.26	1.19	1.18
Booster	0.42	0.43	0.38
Omicron period			
Group V (vs. N)	0.85	0.84	0.90
Group I (vs. N)	0.74	0.73	0.83
Group H (vs. N)	0.52	0.50	0.57
Age (per decade)	0.79	0.79	0.79
Male vs. female	0.87	0.88	0.85
Body mass index > 30 kg/m2	1.02	1.02	1.04
Patient contact	0.89	0.87	0.89
Respirator mask use	1.09	1.11	1.08
Positive household	6.17	6.16	6.20
Negative test in last month	1.11	1.13	1.10
Booster	0.81	0.82	0.83

N (no immunity): No reported infection and anti-N/-S negative and no previous SARS-CoV-2 vaccination; V (vaccinated): no reported infection and anti-N negative, but twice vaccinated; I (infected): infection reported or anti-N positive (at any time), but no vaccination; H (hybrid immunity): reported infection or anti-N positive (at any time) and vaccination (≥1 dose).