**Supplementary material**

**Table S1**. Logistic regression assessing the association between COVID-19 diagnosis (yes/no) during the Omicron-dominant wave and preceding antibody levels as a dichotomous variable (>400 UI/ml; ≤400 UI/ml [reference]), adjusting by vaccine shot during the wave and number close contacts with cases. Significant terms are printed in bold and the independent variable of interest is underlined.

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| Model = COVID-19 (yes/no) ~ High antibody levels + New vaccine shot + Contact.N= 484 |
| Term | Coefficients(*log-odds*) | Standard error | P-value |
| Intercept | 0.2503  | 0.1897  | 0.1870  |
| **High antibody levels** | **-0.5115**  | **0.2444**  | **0.0364** |
| **New vaccine shot** | **-2.6941**  | **0.2659** | **<0.0001**  |
| **Contact** | **0.5358**  | **0.1408**  | **0.0001** |
| High antibody levels: dichotomous variable of the titre of anti- SARS-CoV-2 spike protein IgG: 0= ≤400 UI/ml) [reference]; 1= >400 UI/ml.New vaccine shot: vaccine shot during the Omicron wave Contact: number of close contacts with cases during the Omicron wave. |

**Table S2**. Ordinal regression model assessing the association between duration of COVID-19 symptoms and preceding antibody levels, adjusting by vaccine shot during the wave, age and co-morbidities. Significant terms are printed in bold and the independent variable of interest is underlined.

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| Model = Duration ~ Antibody levels + New vaccine shot + Age + Co-morbidity.N= 174 |
| Term | Coefficients | Standard error | P-value |
| Antibody levels | -0.0012  | 0.0006  | 0.0508 |
| New vaccine shot | -0.7247  | 0.5334  | 0.1743 |
| **Age** | **0.0300**  | **0.0143**  | **0.0366** |
| Co-morbidity | -1.0919  | 0.6163  | 0.0764 |
| Duration: duration of COVID-19 symptoms (excluding loss of smell). Three levels: one day or less (level 1), two to five days (level 2), and more than 5 days (level 3).Antibody levels: Titre of anti-SARS-CoV-2 spike protein IgG.New vaccine shot: vaccine shot during the Omicron wave.Age: in years.Co-morbidity: conditions like high blood pressure, diabetes, obesity, heart disease, chronic pulmonary disease, cancer. |