

Supplementary Information for ‘Vaccine escape, increased breakthrough and reinfections in infliximab-treated patients with IBD during the Omicron wave of the SARS-CoV-2 pandemic.’

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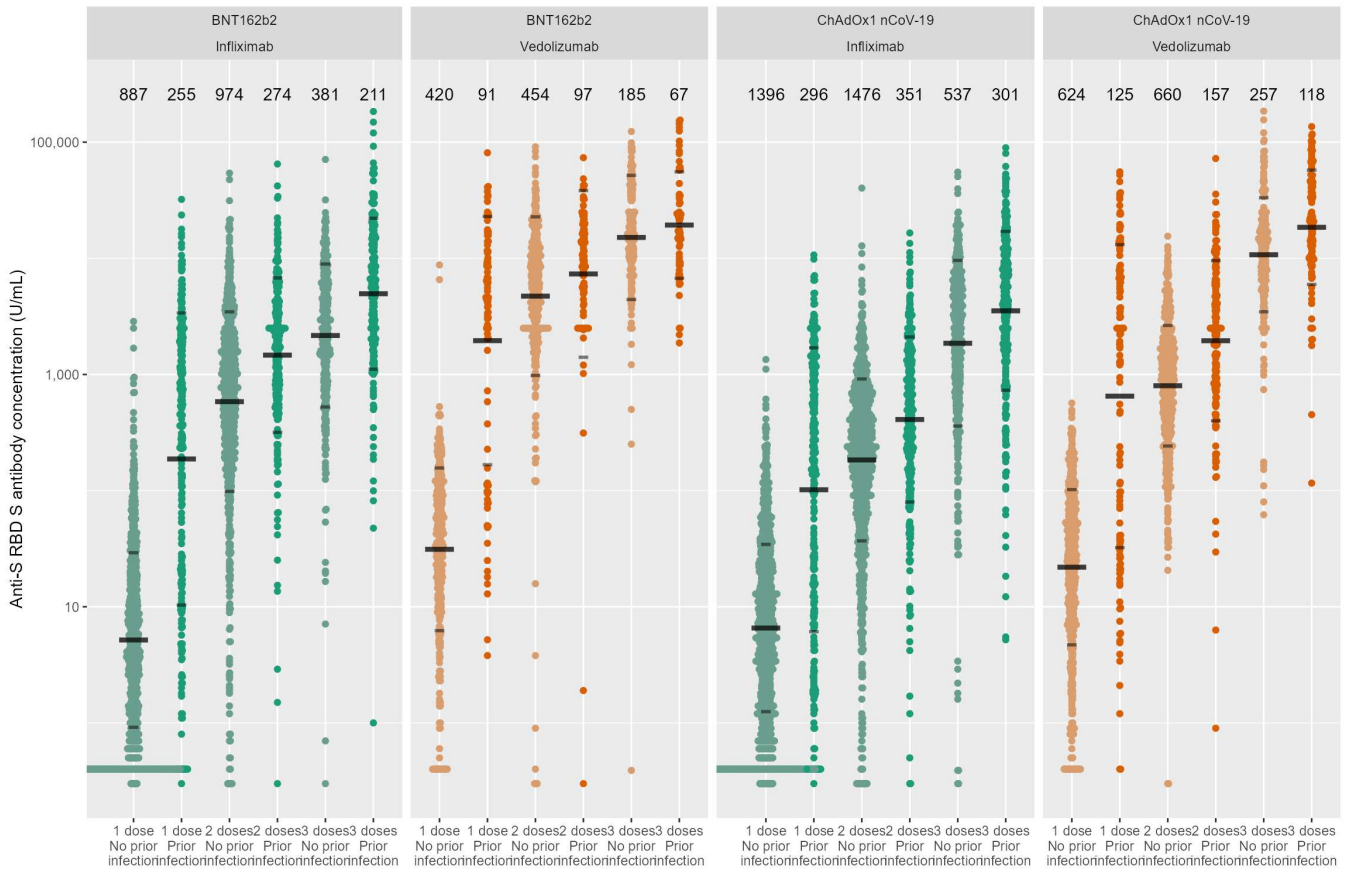
	Janet	Phipps
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	Catherine	MacPhee
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Supplementary Table 2: Univariable factors associated with time to breakthrough infection

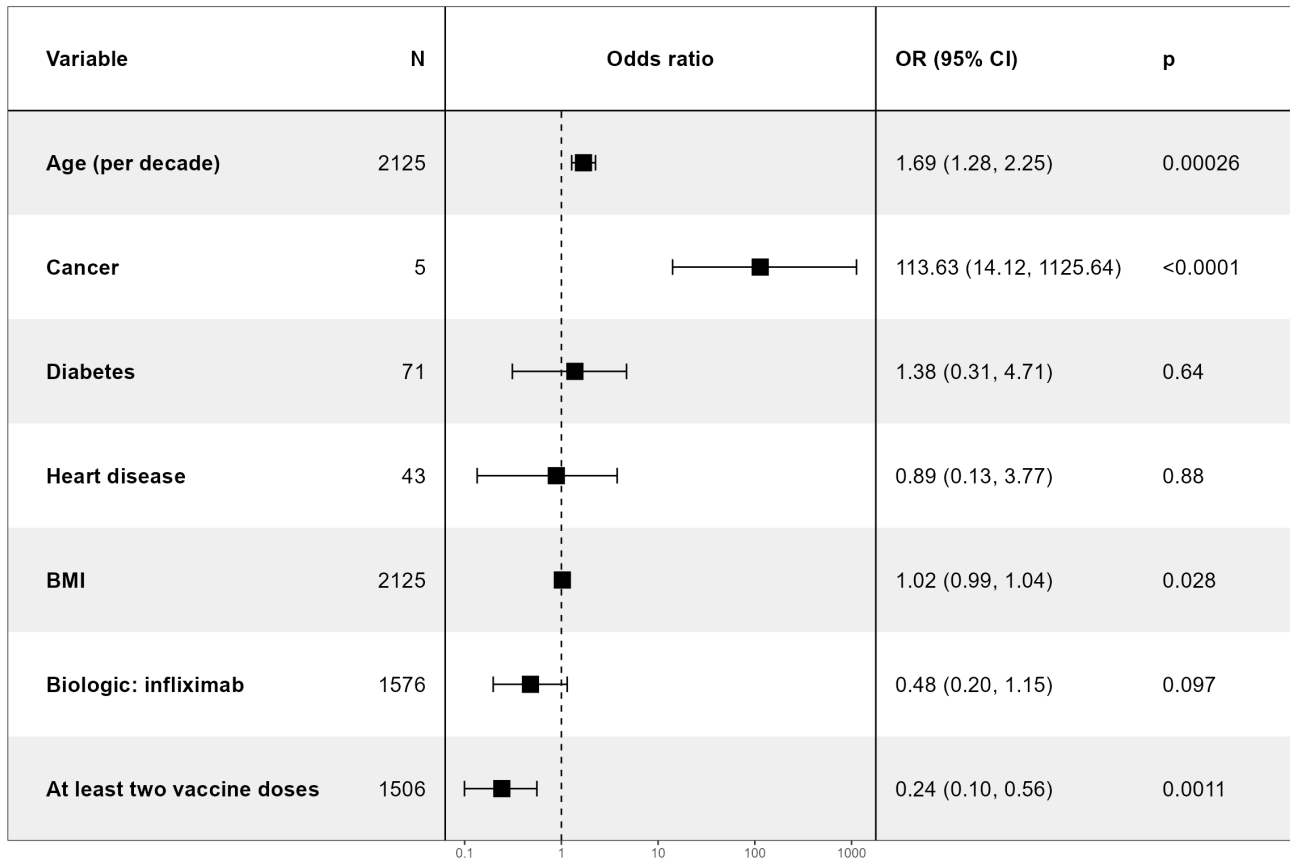
Variable	Level	Hazard ratio (95% CI)	p
Infliximab (vs vedolizumab)	TRUE	1.83 (1.44 - 2.33)	<0.0001
Thiopurine	TRUE	1.52 (1.24 - 1.85)	<0.0001
Methotrexate	TRUE	0.77 (0.50 - 1.20)	0.25
Vaccine	BNT162b2	Reference	
	ChAdOx1 nCoV-19	0.89 (0.73 - 1.09)	0.26
Steroids	TRUE	0.52 (0.30 - 0.90)	0.021
Age >= 60	TRUE	0.26 (0.18 - 0.38)	<0.0001
Crohn's disease (vs UC or IBDU)	TRUE	0.98 (0.81 - 1.22)	0.96
Non-white ethnicity	TRUE	1.19 (0.83 - 1.69)	0.34
Current smoker	TRUE	0.90 (0.62 - 1.29)	0.55
Anti-spike (S) receptor binding domain antibody concentrations (overall)		0.98 (0.82 - 1.18)	0.85

Abbreviations: UC = ulcerative colitis, IBDU = IBD unclassified

Supplementary Figure 1: Antibody concentrations following a third vaccine dose in patients with a prior history of SARS-CoV-2 infection.



Supplementary Figure 2: Multivariable factors associated with hospitalisation with COVID-19



Abbreviations: BMI = body mass index, CI = confidence interval