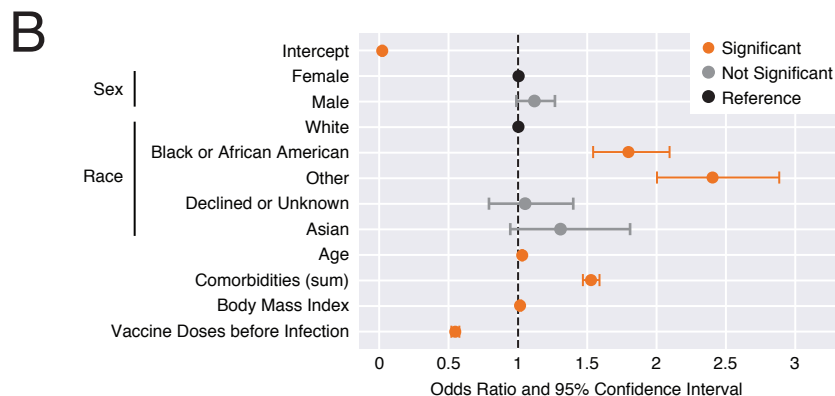


A Outcome ~ Sex + Race + Age + Comorbidities + BMI + Vaccine Doses

Variable	Coefficient	Standard Error	z	p-value	95% Confidence Interval
Intercept	-3.9641	0.182	-21.803	0.000	[-4.32, -3.608]
Sex - Male	0.1091	0.063	1.72	0.085	[-0.015, 0.233]
Race - Black or African American	0.5834	0.078	7.474	0.000	[0.43, 0.736]
Race - Other	0.8746	0.093	9.39	0.000	[0.692, 1.057]
Race - Declined	0.0471	0.146	0.323	0.746	[-0.238, 0.333]
Race - Asian	0.2647	0.166	1.595	0.111	[-0.061, 0.59]
Age	0.0268	0.002	12.518	0.000	[0.023, 0.031]
Comorbidities (sum)	0.4206	0.02	21.003	0.000	[0.381, 0.46]
Body Mass Index	0.0116	0.004	2.64	0.008	[0.003, 0.02]
Vaccine Doses before Infection	-0.6071	0.027	-22.532	0.000	[-0.66, -0.554]

Note: The most frequent categorical variables for sex (female) and race (white) were set as the reference.



C Outcome ~ Clade + Sex + Race + Age + Comorbidities + BMI + Vaccine Doses

Variable	Coefficient	Standard Error	z	p-value	95% Confidence Interval
Intercept	-4.0229	0.522	-7.701	0.000	[-5.047, -2.999]
Clade - 20B	-0.5957	0.418	-1.426	0.154	[-1.414, 0.223]
Clade - 20C	0.3195	0.375	0.853	0.394	[-0.415, 1.054]
Clade - 20G	-1.7352	0.338	-5.127	0.000	[-2.399, -1.072]
Clade - 20I (Alpha)	-0.0295	0.372	-0.079	0.937	[-0.759, 0.7]
Clade - 21J/I/A (Delta)	-1.2654	0.314	-4.03	0.000	[-1.881, -0.65]
Clade - 21M/K/L (Omicron)	-0.7895	0.352	-2.245	0.025	[-1.479, -0.1]
Clade - Other	-0.4884	0.365	-1.337	0.181	[-1.204, 0.228]
Sex - Male	0.3538	0.158	2.235	0.025	[0.044, 0.664]
Race - Black or African American	0.7572	0.206	3.672	0.000	[0.353, 1.161]
Race - Other	1.3089	0.231	5.666	0.000	[0.856, 1.762]
Race - Declined	0.5504	0.32	1.719	0.086	[-0.077, 1.178]
Race - Asian	0.5615	0.413	1.359	0.174	[-0.248, 1.371]
Age	0.0444	0.005	8.155	0.000	[0.034, 0.055]
Comorbidities (sum)	0.3215	0.051	6.34	0.000	[0.222, 0.421]
Body Mass Index	0.0183	0.011	1.743	0.081	[-0.002, 0.039]
Vaccine Doses before Infection	-0.6115	0.098	-6.23	0.000	[-0.804, -0.419]

Note: The most frequent categorical variables for sex (female) and race (white) were set as the reference.
Clade 20A served as the reference for the categorical variable 'clade'.