

	Iota	Alpha	Delta
Force of infection regression	$\lambda = 0.0164587$	$\lambda = 0.0171035$	$\lambda = 0.0388012$
Dynamic SIR	$c\beta = 0.5161696$	$c\beta = 1.280685$	$c\beta = 1.278657$
	$\gamma = 0.4553649$	$\gamma = 1.118557$	$\gamma = 0.8793897$
	$R_0 = 1.13353$	$R_0 = 1.118557$	$R_0 = 1.454028$
Stochastic SIR	$c\beta = 0.7594699$	$c\beta = 1.060927$	$c\beta = 1.283294$
	$\gamma = 0.6666529$	$\gamma = 0.9501149$	$\gamma = 0.8768929$
	$R_0 = 1.139228$	$R_0 = 1.121587$	$R_0 = 1.463456$

	COGS-UK	Bronx	Alpha
Antibodies impacted	149	57	7
Antibody positions	225	82	7
T-cell Epitope	1,204	1,199	36
Non-spike: T-cell	8	3	0
Spike protein: T-cell	1,196	1,196	36
Drug resistance	28	4	0

	Iota	Delta	Omicron
Antibodies (replacements)	12	17	34
Antibody positions	14	18	52
T-cell Epitope (replacements)	78	74	115
Non-spike: T-cell	1	0	1
Spike protein: T-cell	77	74	114
Drug resistance	1	2	1