

Supplementary data

Table S1. Demographic data for B.1 and B.1.1 lineages from 2020 to 2022

| Patient status | B.1 (N=17) | | | | | | Unknown (N=1) | B.1.1 (N=47) | | | | | | Unknown (N=1) |
|----------------------------------|-------------|-------------|-------------|--------------|--------------|-------------|---------------|--------------|-------------|--------------|---------------|--------------|-------------|---------------|
| | <5 (N=0) | 5-14 (N=1) | 15-24 (N=0) | 25-44 (N=5) | 45-60 (N=7) | >60 (N=3) | | <5 (N=0) | 5-14 (N=0) | 15-24 (N=6) | 25-44 (N=28) | 45-60 (N=7) | >60 (N=3) | |
| Community screen and test | | 1/1 (100%) | | 5/5 (100%) | 3/7 (57.1%) | 2/3 (66.7%) | | | | 2/6 (33.3%) | 14/28 (50.0%) | 5/9 (55.6%) | 2/3 (66.7%) | |
| In-patient | | | | | 2/7 (28.6%) | | | | | 2/6 (33.3%) | 2/28 (7.1%) | 1/9 (11.1%) | | |
| Cardiac unit | | | | | | | | | | 1/6 (16.7%) | 1/28 (3.6%) | | | |
| Neurology | | | | | 1/7 (14.3%) | | | | | | | | | |
| Other | | | | | 1/7 (14.3%) | | | | | 1/6 (16.7%) | 1/28 (3.6%) | 1/9 (11.1%) | | |
| Out-patient | | | | | 1/7 (14.3%) | | | | | 1/6 (16.7%) | 12/28 (42.9%) | 3/9 (33.3%) | 1/3 (33.3%) | 1/1 (100%) |
| ARV clinic | | | | | | | | | | | 1/28 (3.6%) | 1/9 (11.1%) | | |
| Healthcare worker | | | | | | | | | | 1/6 (16.7%) | 2/28 (7.1%) | | 1/3 (33.3%) | |
| Paediatric | | | | | | | | | | | 1/28 (3.6%) | | | |
| Casualty | | | | | 1/7 (14.3%) | | | | | | 8/28 (28.6%) | 2/9 (22.2%) | | |
| Unknown | | | | | | 1/3 (33.3%) | 1/1 (100%) | | | | | | | |
| Total | 0/17 (0.0%) | 1/17 (5.9%) | 0/17 (0.0%) | 5/17 (29.4%) | 7/17 (41.2%) | 3/17 (6.4%) | 0/17 (0.0%) | 0/47 (0.0%) | 0/47 (0.0%) | 6/47 (12.8%) | 28/47 (59.6%) | 9/47 (19.2%) | 3/47 (6.4%) | 1/47 (2.1%) |

Table S2. Demographic data for B.1.1.438 and B.1.1.52 lineages from 2020 to 2022

| Patient status | B.1.1.348 (N=8) | | | | | | | B.1.1.52 (N=13) | | | | | | |
|---------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|
| | <5 (N=0) | 5-14 (N=0) | 15-24 (N=1) | 25-44 (N=3) | 45-60 (N=2) | >60 (N=1) | Unknown (N=1) | <5 (N=1) | 5-14 (N=1) | 15-24 (N=0) | 25-44 (N=7) | 45-60 (N=3) | >60 (N=0) | Unknown (N=1) |
| Community screen and test | | | 1/1 (100%) | 3/3 (100%) | 1/2 (50.0%) | | 1/1 (100%) | 1/1 (100%) | 1/1 (100%) | | 2/7 (28.6%) | 2/3 (66.7%) | | |
| In-patient | | | | | | | | | | | 1/7 (14.3%) | | | |
| ICU | | | | | | | | | | | 1/7 (14.3%) | | | |
| Out-patient | | | | | 1/2 (50.0%) | | | | | | 4/7 (57.1%) | 1/3 (33.3%) | | 1/1 (100%) |
| ARV clinic | | | | | | 1/1 (100%) | | | | | 2/7 (28.6%) | | | |
| Healthcare worker | | | | | 1/2 (50.0%) | 1/1 (100%) | | | | | | 1/3 (33.3%) | | 1/1 (100%) |
| Casualty | | | | | | | | | | | 2/7 (28.6%) | | | |
| Total | 0/8 (0.0%) | 0/8 (0.0%) | 1/8 (12.5%) | 3/8 (37.5%) | 2/8 (25.0%) | 1/8 (12.5%) | 1/8 (12.5%) | 1/13 (7.7%) | 1/13 (7.7%) | 0/13 (0.0%) | 7/13 (53.8%) | 3/13 (23.1%) | 0/13 (0.0%) | 1/13 (7.7%) |

Table S3. Demographic data for C.1 and C.1.2 lineages from 2020 to 2022

| Patient status | C.1 (N=38) | | | | | | | C.1.2 (N=53) | | | | | | |
|----------------------------------|--------------------|--------------------|--------------------|----------------------|---------------------|--------------------|----------------------|-------------------|--------------------|---------------------|----------------------|----------------------|--------------------|----------------------|
| | <5 (N=0) | 5-14 (N=1) | 15-24 (N=3) | 25-44 (N=22) | 45-60 (N=7) | >60 (N=3) | Unknown (N=1) | <5 (N=0) | 5-14 (N=1) | 15-24 (N=8) | 25-44 (N=29) | 45-60 (N=10) | >60 (N=5) | Unknown (N=0) |
| Community screen and test | | 1/1 (100%) | 3/3 (100%) | 11/22 (50.0%) | 1/7 (14.2%) | | | | | 8/8 (100%) | 24/29 (82.8%) | 10/10 (100%) | 4/5 (80.0%) | |
| In-patient | | | | 2/22 (9.1%) | 2/7 (28.6%) | 1/3 (33.3%) | | | 1/1 (100%) | | 1/29 (3.5%) | | | |
| Chronic dialysis | | | | | 1/7 (14.3%) | | | | | | | | | |
| Other | | | | 2/22 (9.1%) | 1/7 (14.3%) | 1/3 (33.3%) | | | 1/1 (100%) | | 1/29 (3.5%) | | | |
| Out-patient | | | | 9/22 (40.9%) | 4/7 (57.1%) | 2/3 (66.7%) | | | | | 4/29 (13.8%) | | 1/5 (20.0%) | |
| ARV clinic | | | | 2/22 (9.1%) | | | | | | | | | | |
| Healthcare worker | | | | 2/22 (9.1%) | | | | | | | 1/29 (3.5%) | | | |
| Casualty | | | | 5/22 (22.7%) | 4/7 (57.1%) | 2/3 (66.7%) | | | | | 3/29 (10.3%) | | 1/5 (20.0%) | |
| Unknown | | | | | | | 1/1 (100%) | | | | | | | |
| Total | 0/38 (0.0%) | 1/38 (2.6%) | 3/38 (7.9%) | 22/38 (57.9%) | 7/38 (18.4%) | 3/38 (7.9%) | 1/38 (2.6%) | 0/6 (0.0%) | 1/6 (16.7%) | 8/53 (15.1%) | 29/53 (54.7%) | 10/53 (18.9%) | 5/53 (9.4%) | 0/53 (0.0%) |

Table S4. Demographic data for C.2 lineages from 2020 to 2022

| Patient status | C.2 (N=6) | | | | | | |
|---------------------------|------------|-------------|-------------|-------------|-------------|-------------|---------------|
| | <5 (N=0) | 15-24 (N=1) | 15-24 (N=0) | 25-44 (N=3) | 45-60 (N=1) | >60 (N=1) | Unknown (N=0) |
| Community screen and test | | 1/1 (100%) | | 1/3 (33.3%) | | | |
| In-patient | | | | 1/3 (33.3%) | 1/1 (100%) | | |
| Oncology | | | | | 1/1 (100%) | | |
| Rheumatology/nephrology | | | | 1/3 (33.3%) | | | |
| Out-patient | | | | 1/3 (33.3%) | | 1/1 (100%) | |
| Casualty | | | | 1/3 (33.3%) | | 1/1 (100%) | |
| Total | 0/6 (0.0%) | 1/6 (16.7%) | 0/6 (0.0%) | 3/6 (50.0%) | 1/6 (16.7%) | 1/6 (16.7%) | 0/6 (0.0%) |