Omicron (BA.2) timing posterior distributions 10 12 11 1.5 0.4 0.4 0.5 0.4 0.3 0.2 0.1 0.0 0.4 0.75 1.0 0.3 0.3 0.3 1.0 0.50 0.2 0.2 0.5 0.5 0.25 0.1 0.1 0.1 0.0 0.0 0.0 0.0 0.00 0.0 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 26 27 30 32 33 35 0.5 0.4 0.3 0.2 0.1 0.8 1.5 8.0 0.6 0.6 0.6 0.6 0.6 0.6 1.0 0.4 0.4 0.4 0.4 0.4 0.4 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.0 0.0 0.0 0.0 0.0 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 -10 0 10 20 -10 0 10 20 -10 0 10 20 10 20 36 38 40 42 43 45 47 48 0.3 0.5 0.4 0.3 0.2 0.1 0.0 0.3 0.6 0.6 1.5 0.4 0.3 0.2 0.3 0.2 0.2 0.4 0.4 1.0 0.2 0.1 0.1 0.2 0.5 0.2 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 63 53 60 62 67 68 72 78 0.4 0.6 1.5 1.00 1.5 0.4 0.3 0.2 0.1 0.3 0.3 0.3 0.75 0.4 1.0 1.0 0.2 0.2 0.2 0.50 0.2 0.5 0.5 0.1 0.1 0.1 0.25 0.0 0.0 0.0 0.0 0.0 0.00 0.0 0.0 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 115 92 93 107 114 1.5 0.4 0.4 0.3 0.15 0.75 0.9 0.6 0.3 0.3 0.2 1.0 0.6 0.10 0.50 0.4 0.2 0.2 0.5 0.1 0.2 0.05 0.25 0.1 0.3 0.1 0.0 0.0 0.0 0.0 0.00 0.00 0.0 0.0 -10 0 10 20 -10 0 10 20 -10 0 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 10 20 123 127 131 138 140 124 134 141 1.5 1.2 0.4 1.5 0.4 0.9 1.0 0.3 0.3 1.0 1.0 1.0 0.8 0.6 0.2 0.2 0.5 0.5 0.5 0.4 0.5 0.3 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 143 144 145 147 148 149 150 152 0.4 0.8 0.6 0.20 0.15 0.10 0.6 0.3 0.2 0.75 0.3 1.0 0.2 0.50 0.4 0.2 0.4 0.5 0.1 0.2 0.1 0.25 0.1 0.2 0.05 0.0 0.0 0.00 0.0 0.0 0.00 0.0 0.0 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 -10 0 10 20 153 155 156 157 0.4 1.5 1.00 0.3 0.3 0.75 1.0 0.2 0.2 0.50 0.5 0.1 0.1 0.25 0.0 0.0 0.0 0.00 -10 0 10 20

Density

posterior prior Time of infection Time of peak Time LOD reached