Table S1. Parameter estimates and standard errors for logistic curves fit to changing variant proportion in each state. States are grouped by census geographic region. Slope, time to 10% and time to 50% variant proportions are shown for Delta and Omicron.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Delta | | | | | | Omicron | | | | | |
| State | Slope (%Delta/week) | Standard error | Time to 10% (weeks) | Standard error | Time to 50% (weeks) | Standard error | Slope (%Omicron/week) | Standard error | Time to 10% (weeks) | Standard error | Time to 50% (weeks) | Standard error |
| **New England** | | | | | | | | | | | | |
| MA | 39.36 | 7.36 | 9.31 | 0.31 | 12.95 | 0.11 | 55.18 | 2.61 | 2.22 | 0.031 | 3.15 | 0.015 |
| CT | 18.98 | 1.88 | 7.708 | 0.218 | 10.11 | 0.109 | 52.24 | 3.05 | 1.95 | 0.046 | 3.17 | 0.021 |
| ME | 65.11 | 10.56 | 9.54 | 0.128 | 10.97 | 0.049 | 66.59 | 20.9 | 1.71 | 0.215 | 3.57 | 0.0927 |
| NH | 30.87 | 3.57 | 9.70 | 0.155 | 11.87 | 0.072 | 50.77 | 1.73 | 2.76 | 0.032 | 3.639 | 0.020 |
| RI | 22.99 | 1.18 | 8.37 | 0.105 | 10.31 | 0.061 | 49.3 | 6.25 | 2.18 | 0.0998 | 3.446 | 0.0479 |
| VT | 43.04 | 7.73 | 7.22 | 0.23 | 8.25 | 0.16 | 48.19 | 3.26 | 1.218 | 0.053 | 2.15 | 0.0288 |
| **Mid Atlantic** | | | | | | | | | | | | |
| NJ | 22.81 | 1.77 | 8.22 | 0.17 | 11.79 | 0.066 | 55.18 | 6.59 | 1.69 | 0.0696 | 2.65 | 0.035 |
| NY | 18.03 | 2.54 | 11.64 | 0.32 | 14.61 | 0.14 | 51.87 | 4.27 | 1.144 | 0.057 | 2.21 | 0.0275 |
| PA | 24.65 | 1.62 | 11.56 | 0.1 | 13.41 | 0.053 | 46.72 | 3.97 | 2.236 | 0.067 | 3.455 | 0.0327 |
| **East North Central** | | | | | | | | | | | | |
| IN | 27.59 | 4.6 | 9.21 | 0.309 | 12.17 | 0.118 | 39.36 | 9.2 | 1.428 | 0.177 | 2.71 | 0.095 |
| IL | 26.12 | 2.02 | 10.21 | 0.13 | 12.46 | 0.053 | 32.0 | 2.82 | 1.639 | 0.13 | 3.02 | 0.073 |
| MI | 29.80 | 4.41 | 8.88 | 0.21 | 11.18 | 0.091 | 39.91 | 2.58 | 2.28 | 0.077 | 3.396 | 0.0429 |
| OH | 43.78 | 11.78 | 8.17 | 0.27 | 10.33 | 0.097 | 37.89 | 0.77 | 1.587 | 0.025 | 2.77 | 0.0145 |
| WI | 30.09 | 5.74 | 7.66 | 0.317 | 11.09 | 0.129 | 46.35 | 3.2 | 2.005 | 0.0535 | 3.158 | 0.0253 |
| **West North Central** | | | | | | | | | | | | |
| IA | 18.73 | 2.94 | 4.51 | 0.334 | 7.41 | 0.157 | 37.89 | 4.49 | 2.755 | 0.140 | 4.21 | 0.0569 |
| KS | 21.70 | 2.13 | 5.19 | 0.173 | 7.75 | 0.084 | 46.72 | 2.5 | 1.879 | 0.044 | 3.179 | 0.021 |
| MN | 22.07 | 1.18 | 9.67 | 0.1 | 11.71 | 0.059 | 49.66 | 9.75 | 2.696 | 0.170 | 3.589 | 0.091 |
| MO | 22.00 | 0.77 | 4.20 | 0.072 | 6.23 | 0.043 | 43.78 | 2.61 | 2.698 | 0.0643 | 3.713 | 0.038 |
| NE | 20.42 | 1.73 | 4.24 | 0.20 | 6.42 | 0.125 | 47.82 | 6.88 | 1.729 | 0.135 | 2.66 | 0.081 |
| ND | 23.32 | 3.68 | 5.30 | 0.329 | 7.205 | 0.199 | 37.52 | 1.1 | 1.608 | 0.0308 | 2.815 | 0.0175 |
| SD | 31.05 | 11.77 | 1.537 | 0.525 | 2.97 | 0.242 | 42.31 | 3.08 | 1.53 | 0.0576 | 2.816 | 0.0309 |
| **South Atlantic** | | | | | | | | | | | | |
| DE | 25.31 | 6.29 | 6.054 | 0.58 | 9.609 | 0.214 | 47.09 | 2.09 | 1.21 | 0.0303 | 2.174 | 0.017 |
| FL | 28.33 | 2.21 | 9.71 | 0.13 | 12.4 | 0.052 | 55.55 | 1.64 | 1.216 | 0.0241 | 2.017 | 0.0127 |
| GA | 29.80 | 3.68 | 10.26 | 0.18 | 12.03 | 0.071 | 66.95 | 3.63 | 1.45 | 0.0427 | 2.18 | 0.0137 |
| MD | 23.54 | 2.06 | 10.32 | 0.19 | 13.74 | 0.076 | 39.73 | 1.78 | 1.329 | 0.0525 | 2.459 | 0.0293 |
| SC | 33.70 | 3.09 | 6.59 | 0.104 | 8.47 | 0.048 | 97.86 | 17.25 | 1.983 | 0.1075 | 3.215 | 0.0397 |
| NC | 22.26 | 1.36 | 10.11 | 0.078 | 12.29 | 0.041 | 44.88 | 2.35 | 2.266 | 0.0397 | 3.353 | 0.020 |
| VA | 33.70 | 3.24 | 9.54 | 0.31 | 12.22 | 0.11 | 47.09 | 3.83 | 1.804 | 0.0654 | 3.117 | 0.0327 |
| WV | 33.66 | 3.49 | 9.51 | 0.142 | 11.68 | 0.058 | 43.78 | 8.09 | 2.766 | 0.117 | 3.855 | 0.0616 |
| **East South Central** | | | | | | | | | | | | |
| AL | 25.83 | 4.16 | 7.3 | 0.319 | 10.78 | 0.12 | 98.96 | 13.69 | 2.217 | 0.0843 | 3.10 | 0.027 |
| KY | 37.89 | 6.14 | 10.31 | 0.21 | 12.86 | 0.078 | 47.27 | 5.11 | 1.705 | 0.0878 | 2.683 | 0.0373 |
| MS | 20.67 | 1.58 | 4.047 | 0.175 | 6.19 | 0.11 | 53.71 | 10.37 | 2.079 | 0.107 | 3.088 | 0.054 |
| TN | 38.92 | 6.40 | 9.31 | 0.238 | 12.57 | 0.089 | 42.31 | 1.99 | 1.98 | 0.0484 | 3.044 | 0.0279 |
| **West South Central** | | | | | | | | | | | | |
| AR | 28.29 | 5.7 | 3.71 | 0.407 | 8.82 | 0.146 | 52.24 | 4.0 | 1.621 | 0.0661 | 2.858 | 0.0292 |
| LA | 38.63 | 5.52 | 8.15 | 0.16 | 9.90 | 0.063 | 46.72 | 1.84 | 0.750 | 0.0401 | 1.699 | 0.0247 |
| OK | 19.24 | 2.94 | 7.02 | 0.362 | 9.32 | 0.208 | 40.1 | 5.81 | 2.21 | 0.141 | 3.50 | 0.0646 |
| TX | 24.65 | 2.13 | 8.81 | 0.18 | 12.66 | 0.071 | 48.93 | 2.09 | 1.005 | 0.0426 | 1.912 | 0.0263 |
| **Mountain** | | | | | | | | | | | | |
| AZ | 20.97 | 2.17 | 8.55 | 0.24 | 12.08 | 0.099 | 47.09 | 3.75 | 2.272 | 0.0621 | 3.371 | 0.032 |
| CO | 20.60 | 1.32 | 4.72 | 0.13 | 8.03 | 0.059 | 50.4 | 0.67 | 2.022 | 0.0114 | 2.908 | 0.0070 |
| ID | 64.23 | 16.92 | 12.36 | 0.314 | 14.76 | 0.090 | 47.82 | 9.79 | 2.25 | 0.195 | 3.179 | 0.103 |
| NM | 36.27 | 5.0 | 7.54 | 0.225 | 10.9 | 0.079 | 54.08 | 7.58 | 3.01 | 0.103 | 4.21 | 0.046 |
| MT | 45.25 | 10.26 | 2.11 | 0.321 | 6.35 | 0.107 | 47.64 | 3.18 | 0.309 | 0.0669 | 1.24 | 0.0397 |
| NV | 27.59 | 4.05 | 7.82 | 0.23 | 10.34 | 0.095 | 70.27 | 7.98 | 2.43 | 0.0769 | 3.34 | 0.0301 |
| UT | 22.81 | 3.31 | 6.12 | 0.31 | 9.09 | 0.11 | 83.88 | 12.14 | 2.41 | 0.09 | 3.35 | 0.035 |
| WY | 19.46 | 2.94 | 3.08 | 0.289 | 5.83 | 0.133 | 64.75 | 6.25 | 1.79 | 0.065 | 2.48 | 0.045 |
| **Pacific** | | | | | | | | | | | | |
| AK | 53.34 | 30.61 | 3.46 | 0.551 | 6.68 | 0.20 | 47.46 | 4.05 | 1.137 | 0.065 | 2.259 | 0.0337 |
| CA | 21.70 | 1.51 | 10.17 | 0.16 | 14.05 | 0.064 | 57.39 | 3.42 | 2.031 | 0.0519 | 2.803 | 0.032 |
| HI | 21.34 | 3.27 | 3.10 | 0.32 | 6.42 | 0.14 | 58.49 | 4.19 | 0.758 | 0.0557 | 1.518 | 0.036 |
| OR | 16.55 | 1.77 | 10.4 | 0.31 | 13.06 | 0.19 | 42.31 | 1.07 | 2.10 | 0.029 | 3.15 | 0.017 |
| WA | 30.90 | 3.57 | 8.51 | 0.22 | 12.22 | 0.078 | 44.15 | 2.46 | 1.47 | 0.044 | 2.53 | 0.023 |