## Cross-Resistance to A

```
Wuhan-Hu-1* 0.00
                              0.78
                                   0.72
                                        0.72
                                             0.81
                                                  0.57
                                                       0.62
                                                            1.00
                                                                 1.10
               BA.2*
                              0.00
                                   0.07
                                        0.07
                                             0.31
                                                  0.71
                                                       0.73
                                                            0.57
                                                                 0.65
  BA.4*/BE.1.1*
                                   0.00
                                             0.22
                                                  0.64
                                                       0.67
                                                            0.52
                                        0.00
                                                                 0.57
               BA.5*
                                                            0.51
                                                  0.63
                                                       0.66
                                                                 0.57
                                        0.00
                                             0.20
            BQ.1.1*
                                                                 0.59
                                                  0.52
                                                       0.56
                                                            0.32
                                             0.00
            CH.1.1*
                                                  0.00
                                                       0.04
                                                            0.66
                                                                 0.86
EG.1*/XBB.1.5*
                                                       0.00
                                                            0.62
                                                                 0.85
       EG.5 WHO
                                                                 0.70
                                                            0.00
 JN.1 outbreak
                                                                 0.00
```

0.5

1.0

MILLIAN, HILL BRE. J. BRO. CH. BB. S. OUKOREAK

WILLIAM, HILL BRE. J. BRO. CH. BB. S. OUKOREAK

EG. 7\* TEG. J. OUKOREAK