

1 Appendix

Figure A1 shows the improvement in model fit (R^2) as more areas are added to F_i^w . As the model shows, improvement continues, but the marginal gain decreases with the number of areas, as expected.

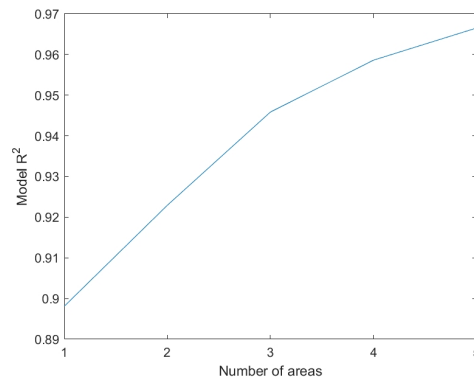


Figure A1. Average R^2 values of the model for F_i^w as the number of areas increases.

Figure A2 shows the ROC for “cough” at a lag of 8 days during the first wave of the pandemic.

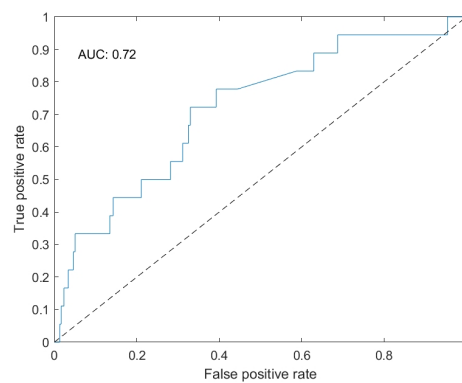


Figure A2. Receiver Operating Curve (ROC) for “cough” at a lag of 8 days.