Supplementary Information 7

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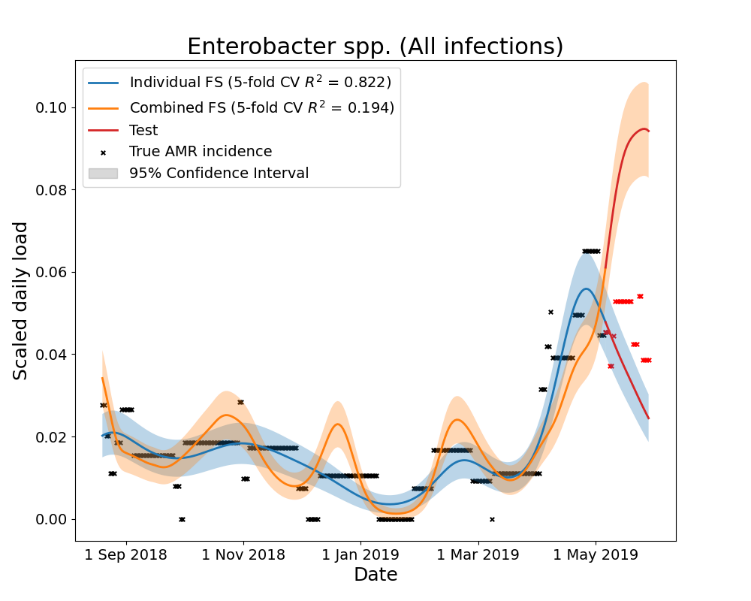
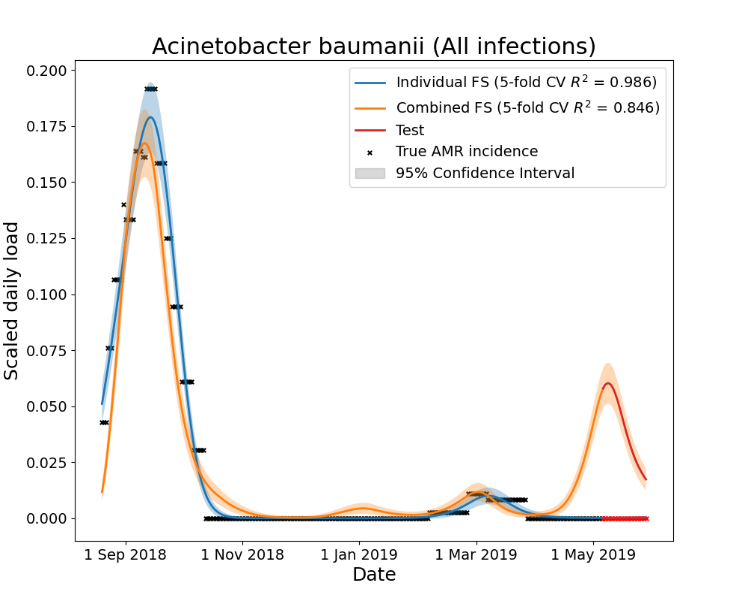
*c Department of Statistics and Actuarial Science, Faculty of Economic and Management Sciences, Stellenbosch University, South Africa*

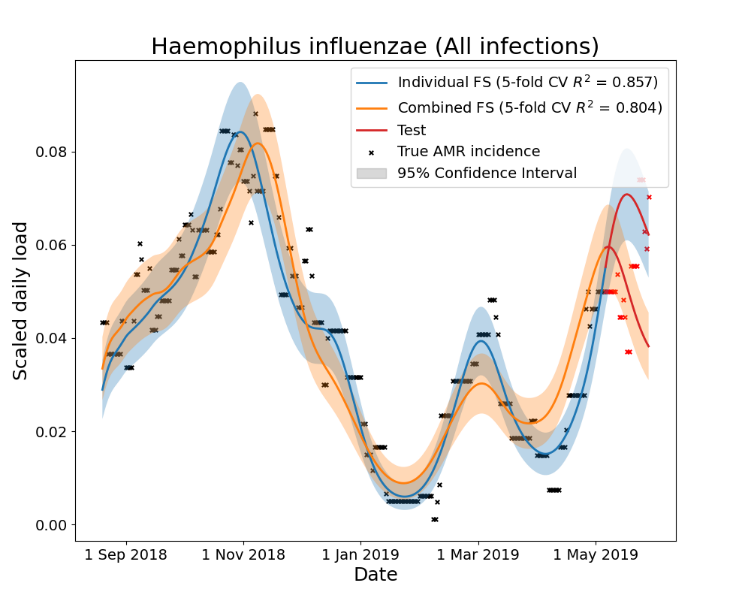
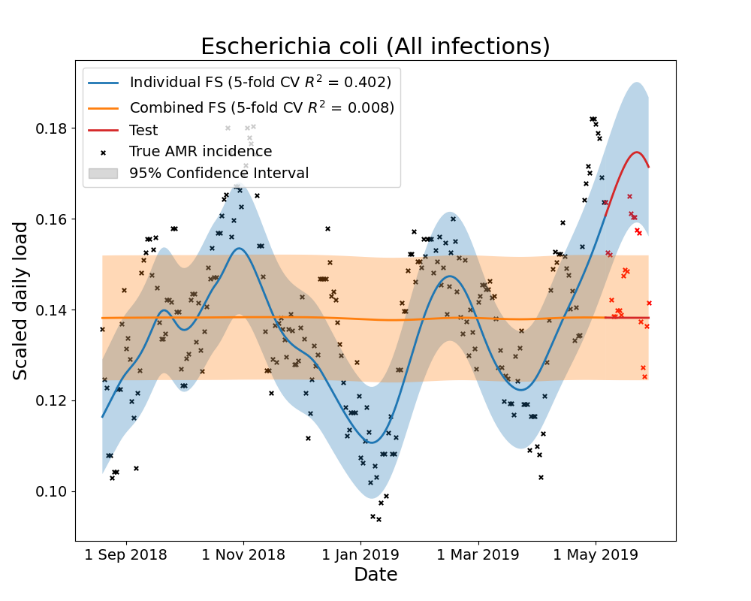
*d Swiss Data Science Center, EPFL & ETH Zürich, Switzerland*

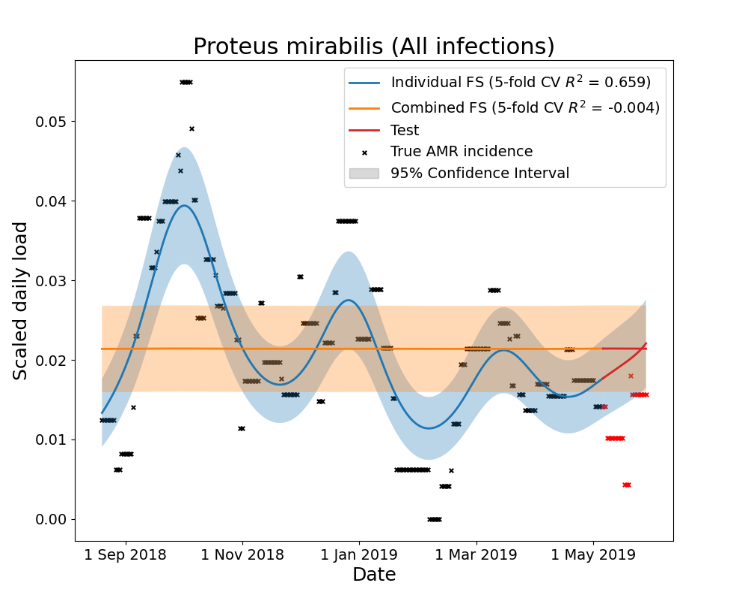
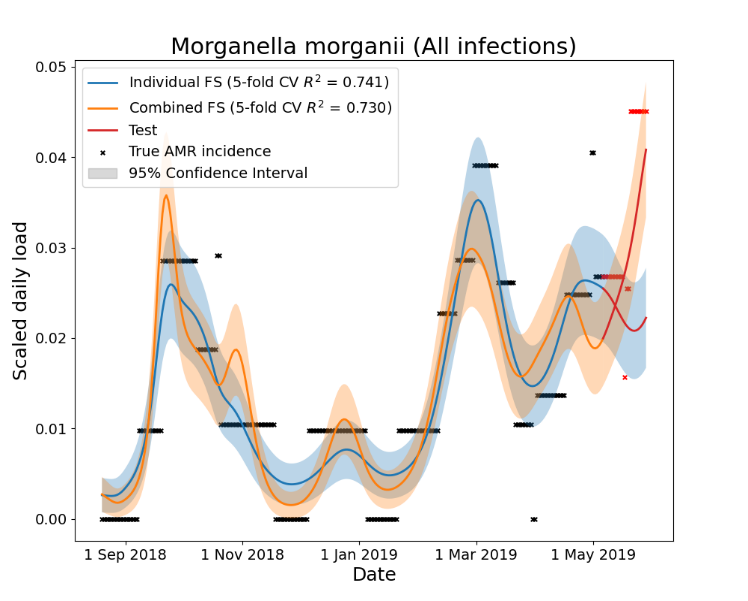
*e Department of Chemistry and Biology, Faculty of Science, Ryerson University, Toronto, Canada*

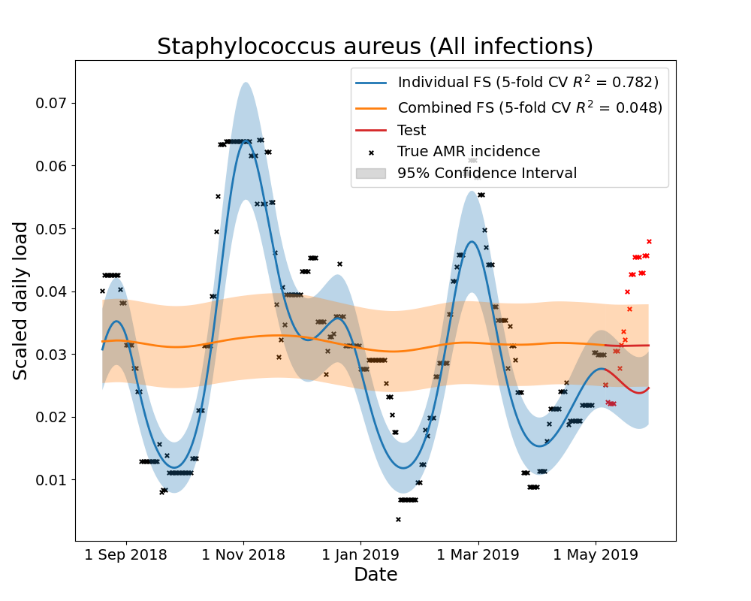
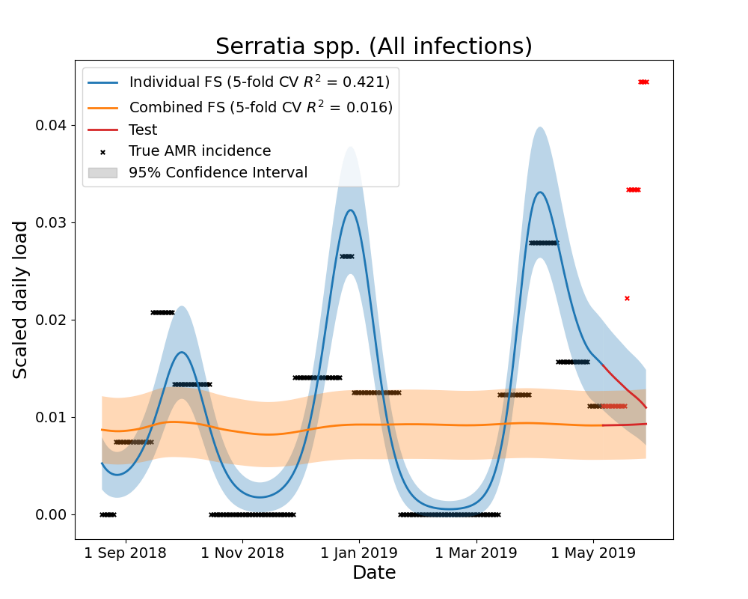
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## All AMR incidence reports: Comparison of the 5-fold cross validated R2 values of predicting AMR incidence for the individual microbes vs. all microbes combined.









## Hospital acquired infection incidence reports: Comparison of the 5-fold cross validated R2 values of predicting AMR incidence for the individual microbes vs. all microbes combined.

Chart

Description automatically generated with medium confidenceChart, line chart

Description automatically generated

Chart, line chart

Description automatically generatedChart

Description automatically generated

Chart

Description automatically generatedChart, line chart

Description automatically generated

Chart, histogram

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## Community acquired infection incidence reports: Comparison of the 5-fold cross validated R2 values of predicting AMR incidence for the individual microbes vs. all microbes combined.

