**What Remains Now That the Fear Has Passed? Developmental Trajectory Analysis of COVID-19 Pandemic for Co-occurrences of Twitter, Google Trends, and Public Health Data**

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**Appendices**

**Trust Sentiment Random Forest**

Chart

Description automatically generated

Appendix 1: Variable importance plot for trust sentiment random forest using node purity.

Chart, line chart

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Appendix 2: Observed (left) and predicted (right) trust sentiment vs time.

**Surprise Sentiment Random Forest**

Chart

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Appendix 3: Variable importance plot for surprise sentiment random forest using node purity.

Chart, box and whisker chart

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Appendix 4: Observed (left) and predicted (right) surprise sentiment vs time.

**Sadness Sentiment Random Forest**

Chart

Description automatically generated

Appendix 5: Variable importance plot for sadness sentiment random forest using node purity.

Graphical user interface, chart, line chart

Description automatically generatedChart, text

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Appendix 6: Observed (left) and predicted (right) sadness sentiment vs time.

**Joy Sentiment Random Forest**

Chart, scatter chart

Description automatically generatedAppendix 7: Variable importance plot for joy sentiment random forest using node purity.

Chart, line chart

Description automatically generatedChart, line chart

Description automatically generated

Appendix 8: Observed (left) and predicted (right) joy sentiment vs time.

**Fear Sentiment Random Forest**

Chart, scatter chart

Description automatically generated

Appendix 9: Variable importance plot for fear sentiment random forest using node purity.

Chart, line chart

Description automatically generatedChart, line chart

Description automatically generated

Appendix 10: Observed (left) and predicted (right) fear sentiment vs time.

**Disgust Sentiment Random Forest**

Chart, scatter chart

Description automatically generated

Appendix 11: Variable importance plot for disgust sentiment random forest using node purity.

Chart, line chart

Description automatically generatedText

Description automatically generated

Appendix 12: Observed (left) and predicted (right) disgust sentiment vs time.

**Anticipation Sentiment Random Forest**

Chart

Description automatically generatedAppendix 13: Variable importance plot for anticipation sentiment random forest using node purity.

Chart, line chart

Description automatically generatedChart, line chart

Description automatically generated

Appendix 14: Observed (left) and predicted (right) anticipation sentiment vs time.

**Anger Sentiment Random Forest**

Chart, line chart

Description automatically generated

Appendix 15: Variable importance plot for anger sentiment random forest using node purity.

Chart, line chart

Description automatically generatedChart, line chart

Description automatically generated

Appendix 16: Observed (left) and predicted (right) anger sentiment vs time.