

# CV Result tables

Matt Ryan

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Table 1: Five-fold cross validation results for each model and modelling scenario. Values are given as mean (standard error).

	ROC AUC	Precision	Recall	Accuracy	F1
<b>Mandate-face_mask</b>					
Logistic Regression	0.837 (0.002)	0.876 (0.001)	0.783 (0.002)	0.77 (0.001)	0.827 (0.001)
Classification Tree	0.866 (0.003)	0.892 (0.002)	0.84 (0.007)	0.816 (0.004)	0.865 (0.004)
XGBoost	0.896 (0.002)	0.895 (0.002)	0.891 (0.002)	0.85 (0.003)	0.893 (0.002)
Random Forest	0.888 (0.002)	0.89 (0.002)	0.89 (0.002)	0.845 (0.002)	0.89 (0.002)
<b>Mandate-other</b>					
Logistic Regression	0.78 (0.003)	0.859 (0.003)	0.736 (0.002)	0.722 (0.002)	0.793 (0.002)
Classification Tree	0.798 (0.002)	0.879 (0.002)	0.69 (0.007)	0.708 (0.005)	0.773 (0.005)
XGBoost	0.845 (0.002)	0.885 (0.002)	0.783 (0.002)	0.77 (0.001)	0.831 (0.001)
Random Forest	0.836 (0.002)	0.854 (0.001)	0.853 (0.002)	0.789 (0.001)	0.854 (0.001)
<b>Pre-mandate-face_mask</b>					
Logistic Regression	0.824 (0.004)	0.479 (0.003)	0.769 (0.011)	0.727 (0.002)	0.59 (0.005)
Classification Tree	0.811 (0.004)	0.486 (0.005)	0.753 (0.012)	0.733 (0.004)	0.591 (0.003)
XGBoost	0.861 (0.001)	0.549 (0.004)	0.754 (0.006)	0.778 (0.002)	0.635 (0.004)
Random Forest	0.858 (0.002)	0.657 (0.007)	0.576 (0.007)	0.814 (0.003)	0.614 (0.006)
<b>Pre-mandate-other</b>					
Logistic Regression	0.777 (0.005)	0.438 (0.006)	0.734 (0.008)	0.691 (0.005)	0.549 (0.006)
Classification Tree	0.779 (0.004)	0.451 (0.005)	0.737 (0.011)	0.704 (0.004)	0.56 (0.007)
XGBoost	0.834 (0.002)	0.522 (0.005)	0.725 (0.007)	0.76 (0.004)	0.607 (0.005)
Random Forest	0.829 (0.004)	0.595 (0.007)	0.584 (0.005)	0.792 (0.003)	0.59 (0.005)