Supplementary Figures

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**Figure S1.** Machine Learning Curve for each best models using Grid search method; Random Forest, AdaBoost and Gradient Boosting Machine. A red dot indicates the combinations of hyperparameters that result in the best performance of each model.

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**Figure S2.** ROC (Receiver Operating Characteristic) Curve for three different best models (Random Forest, AdaBoost and Gradient Boosting Machine) based on 10 selected Checkup features.



**Figure S3.** ROC (Receiver Operating Characteristic) Curve for three different best models (Random Forest, AdaBoost and Gradient Boosting Machine) based on 10 selected Survey features.



**Figure S4.** Feature importance bar graph for 20 features measured by three different ensemble machine learning models (Random Forest, AdaBoost and Gradient Boosting Machine).