Table 1. Logistic regression analysis of estimators of having a stroke

Variables	β[a]	Exp[b](β)	SE[c]β	P-value
Intercept	-7.49	0.0005	0.358	<0.001***
Age	0.069	1.071	0.005	<0.001***
Hypertension (vs. no hypertension)	0.381	1.464	0.163	0.019*
Heart disease (vs. no heart disease)	0.330	1.391	0.188	0.079
Average glucose level	0.004	1.004	0.001	<0.001***

N = 5110 used in this logistic regression analysis; Residual deviance = 1591.5; AIC = 1601.5

[a]: Coefficient of the estimator. [b]: Exponential value. [c]: Standard error.

*P-value < 0.05, ***P-value < 0.001

Table 2. Accuracy of the prediction of the testing data

Types of Classification	Accuracy
Logistic Regression[a]	0.951
Linear Discriminant Analysis[a]	0.949
Quadratic Discriminant Analysis[a]	0.885
K-nearest Neighbors Algorithm	0.949
Random Forest	0.951
Support Vector Machine	0.951

[a]: Using the same logistic model in Table 1