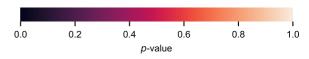
		all predictors except $\overrightarrow{TEC}$ , and $\overrightarrow{dTEC}$ ( $B_x$ , $B_y$ , $B_z$ , and $a_p$ )						
	The Support Vector Machine method with a Polynomial Kernel	1	1	1	1	1	1	1
	The C5.0 Decision Tree method -	1	1	1	1	1	1	1
S	The Naive Bayes method -	1	1	1	1	1	1	1
Methods	The Neural Network method -	1	1	1	1	1	1	1
	The Partial Least Squares method -	1	1	1	1	1	1	1
	The Flexible Discriminant Analysis method -	1	1	1	1	1	1	1
	The Neural Network method with Principal Component Analysis –	1	1	1	1	1	1	1

in preprocessing

## Candidate model comparison using McNemar's test, and the Naive Bayes method The full set of predictors (TEC, dTEC, $B_x$ , \_ 1 0.48 1 1 $B_{\nu}$ , $B_{z}$ , and $a_{p}$ ) All predictors except *TEC*, and *dTEC* 1 1 1 1 1 1 $(B_x, B_y, B_z, \text{ and } a_p)$ Geomagnetic indices Predictors $(B_x, B_y, \text{ and } B_z)$ -1 1 1 1 1 1 as predictors $B_x$ , $B_y$ , and $a_p$ 1 1 1 1 1 as predictors $B_x$ , $B_z$ , and $a_p$ 1 1 1 1 1 as predictors $B_y$ , $B_z$ , and $a_p$ 1 0.48 1 1 1 1 as predictors



Candidate model comparison using McNemar's test, and