Candidate model comparison using McNemar's test, and Candidate model comparison using McNemar's test, and all predictors except TEC, and dTEC ( $B_x$ ,  $B_y$ ,  $B_z$ , and  $a_p$ ) the Naive Bayes method 1.0 0.48 8.0 1 1 0.6 1 1 1 1 1 1 1 1 1 0.2 0.48 1 0.0 The Support Vector Machine method with a Polynomial Kernel The Neural Network method The Partial Least Squares method The C5.0 Decision Tree method The Naive Bayes method The Flexible Discriminant Analysis method with Principal Component Analysis All predictors except The full set of predictors  $(B_x, B_y, B_z, and a_p)$ Geomagnetic indices  $B_x$ ,  $B_y$ , and  $a_p$ as predictors  $B_x$ ,  $B_z$ , and  $a_p$ as predictors  $B_y$ ,  $B_z$ , and  $a_p$ as predictors TEC, and dTEC The Neural Network method  $(B_x, \bar{B}_y, \text{ and } B_z)$ (TEC, dTEC,  $B_x$ , as predictors  $B_y$ ,  $B_z$ , and  $a_p$ ) in preprocessing **Predictors** 

Methods