Flexible Discriminant Analysis method The full set of predictors (TEC, dTEC, B_x , \blacksquare B_v , B_z , and a_p) All predictors except TEC, and dTEC _ $(B_x, B_y, B_z, \text{ and } a_p)$ Geomagnetic indices $(B_x, B_y, \text{ and } B_z)$ _ 0.62 as predictors B_x , B_y , and a_p as predictors B_X , B_Z , and a_D

as predictors

as predictors

 B_{ν} , B_{z} , and a_{p}

Candidate model comparison using the

1.00

0.95

0.90

0.85

0.80

0.75

0.70

Predictors

0.62