Supplementary Material Legend

- Table S1. Detailed descriptions about the permanent GPS stations.
- Figure S1. The absolute errors of NN VTEC from GPS VTEC for the specific times of the day during 2015 over KURU station.
- Figure S2. The absolute errors of NN VTEC from GPS VTEC for the specific times of the day during 2015 over ANMU station.
- Figure S3. The relative errors of NN VTEC from GPS VTEC for the specific times of the day during 2015 over KURU stations.
- Figure S4. The relative errors of NN VTEC from GPS VTEC for the specific times of the day during 2015 over ANMU station.
- Figure S5. The absolute errors of the NN VTEC and the IRI2016 VTEC from the GPS VTEC for the seasonal comparison over KURU station.
- Figure S6. The absolute errors of the NN VTEC and the IRI2016 VTEC from the GPS VTEC for the seasonal comparison over ANMU station.