

Figure S1 The change of loss during the training (CNLUCC).

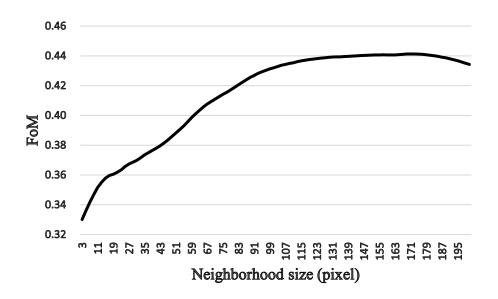


Figure S2 Sensitivity analysis for neighborhood size of HON-CA (CNLUCC).

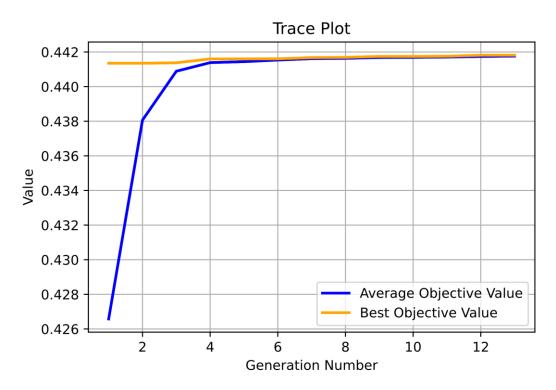


Figure S3 The optimization result of GWN-CA (CNLUCC).

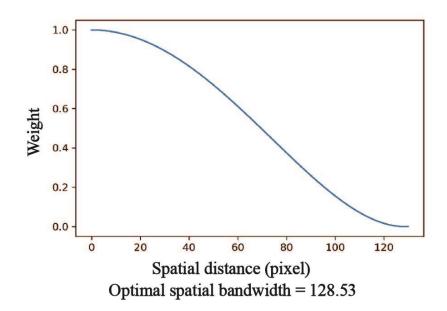


Figure S4 The relationship between weight and spatial distance in GWN (CNLUCC).

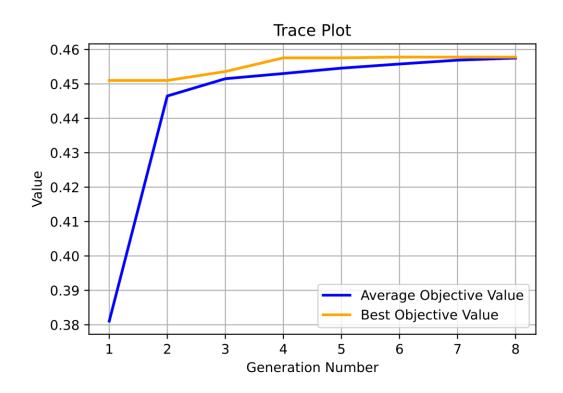


Figure S5 The optimization result of TWN-CA (CNLUCC).

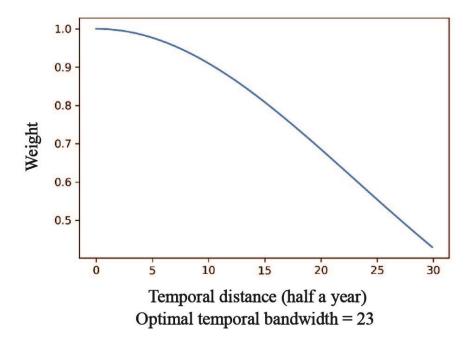


Figure S6 The relationship between weight and temporal distance in TWN (CNLUCC).

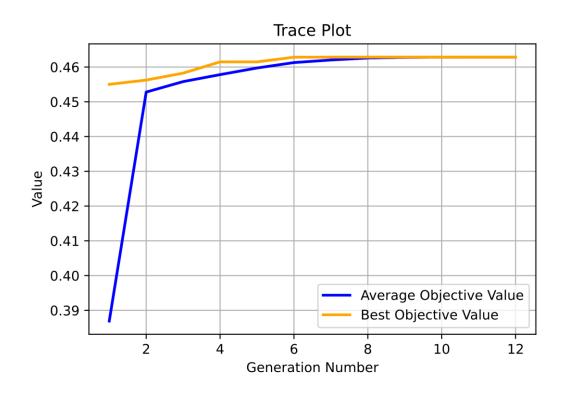


Figure S7 The optimization result of GTWN-CA (CNLUCC).

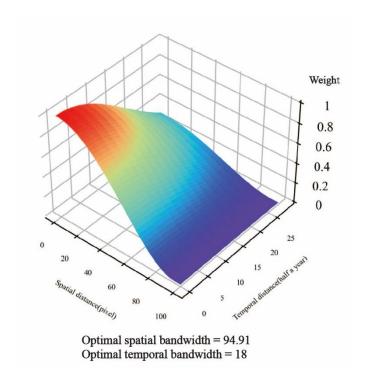


Figure S8 The relationship between weight and temporal and spatial distance in GTWN (CNLUCC).