

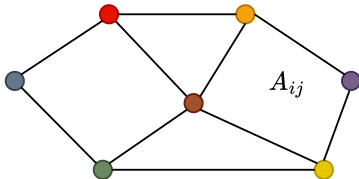
Time series data



Location i



Location j

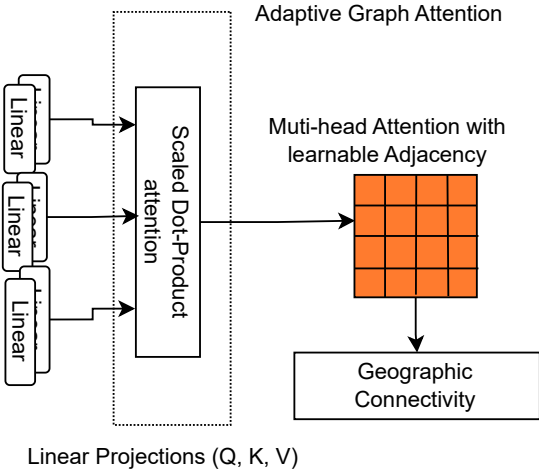
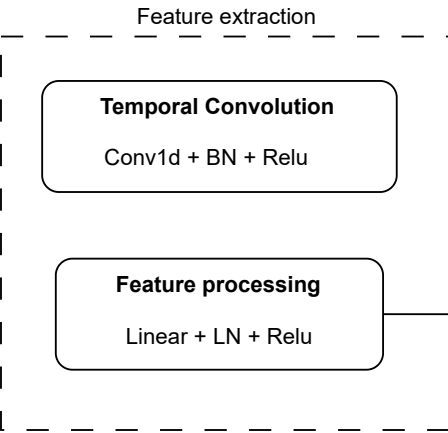


Adjacency matrix

Uses a learnable adjacency bias that adapts the geographic connectivity based on data patterns

AGAM

Adaptive Graph Attention

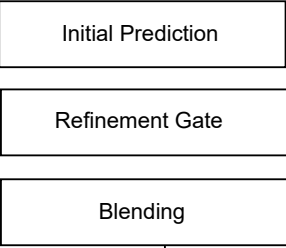


Attention Regularisation

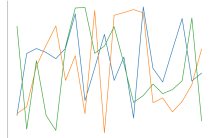
L1 loss

PPRM

Progressive Prediction Refinement

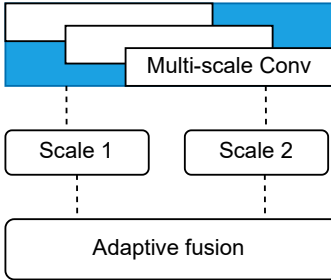


Output forecast



MTFM

Multi-scale Temporal Fusion



Adaptive fusion with learnable weights