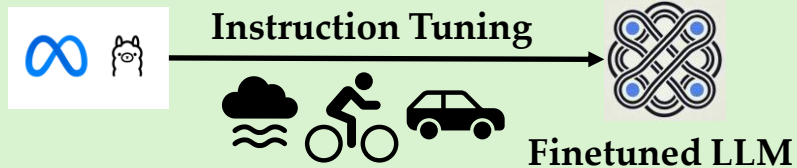
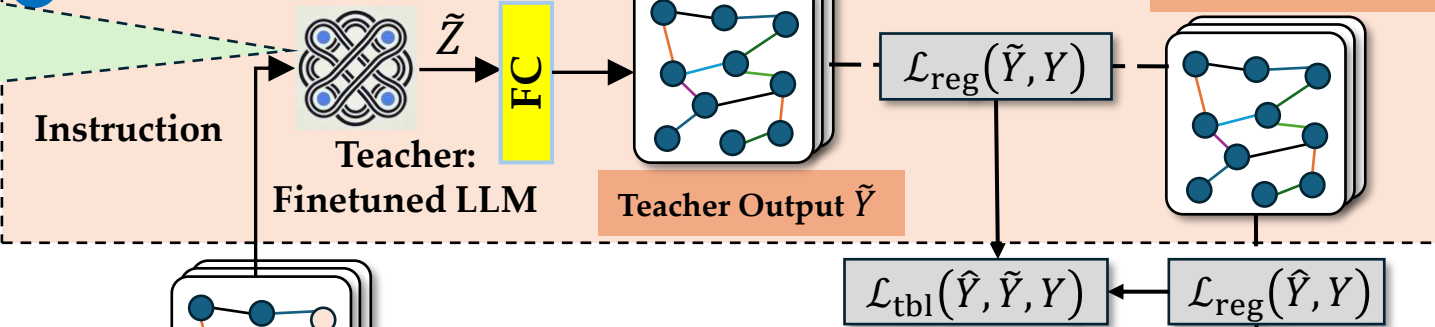


1 Instruction Tuning Module



2 Teacher Guidance Module

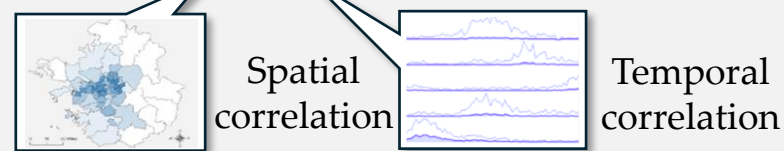


4 Loss function

$$\mathcal{L}_{tbl}(\hat{Y}, \tilde{Y}, Y) \text{ Teacher's bounded loss}$$

$$\mathcal{D}_{KL}(q_{\phi}(Z | X) || p(Z)) \text{ VIB loss}$$

$$\mathcal{L}_{spa}(\hat{Y}), \mathcal{L}_{tem}(\hat{Y})$$



$$\mathcal{L}_{reg}(\hat{Y}, Y) \text{ Regression}$$

3 VIB-MLP Module

