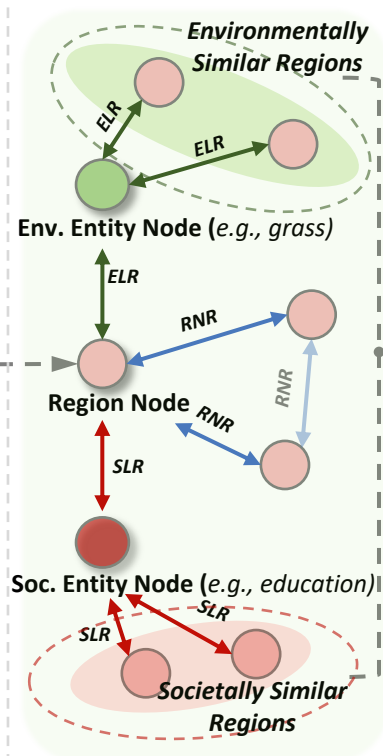
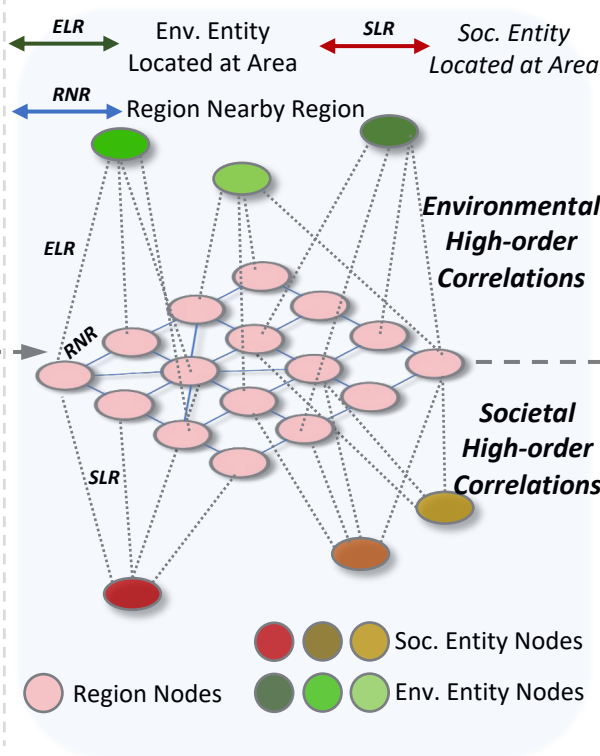


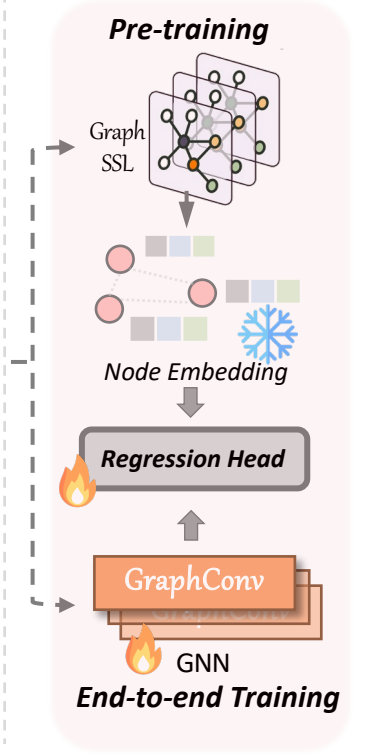
(a) Intra-region Feature Representation



(b) Inter-region Correlation Representation



(c) GeoHG: Heterogenous Graph for Geo-representation Integration



(d) Pre-training and End-to-end Training