XGCN: a library for large-scale graph neural network recommendations (Supplementary material)

A Project Website

The XGCN project is released at https://github.com/CGCL-codes/XGCN_library. Detailed documents for usage guidance and model running scripts are included.

B Supported Models

Due to space constraints in the main text, we place the references for all the supported models here. As presented in Table I, XGCN includes a total of 16 embedding models, covering a wide range of categories.

Table I Supported Models in XGCN

Category	Models
pure propagation	RandNE [1]
shallow embedding	node2vec [2], UltraGCN [3]
MP or layer-sampling	GraphSAGE [4], GAT [5], GIN [6], LightGCN [7], SimpleX [8]
decoupling-based	PPRGo [9], SGC [10], S^2GC [11], SIGN [12], GAMLP [13], GBP [14]
clustering-based	Cluster-GCN [15]
extreme convolution	xGCN [16]

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