

Probing graph properties in graph embeddings

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Motivation

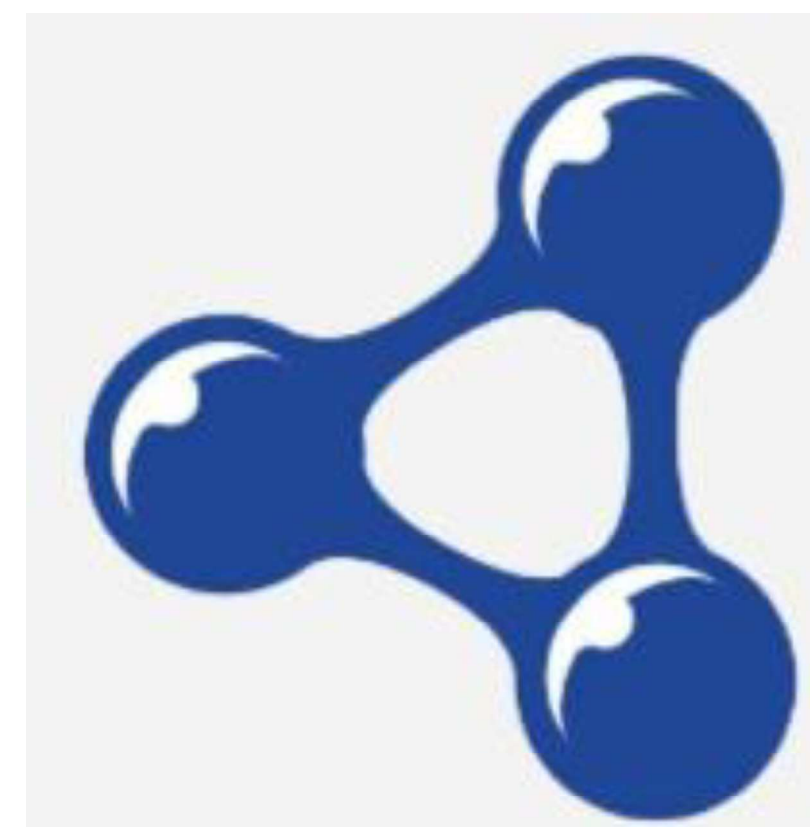
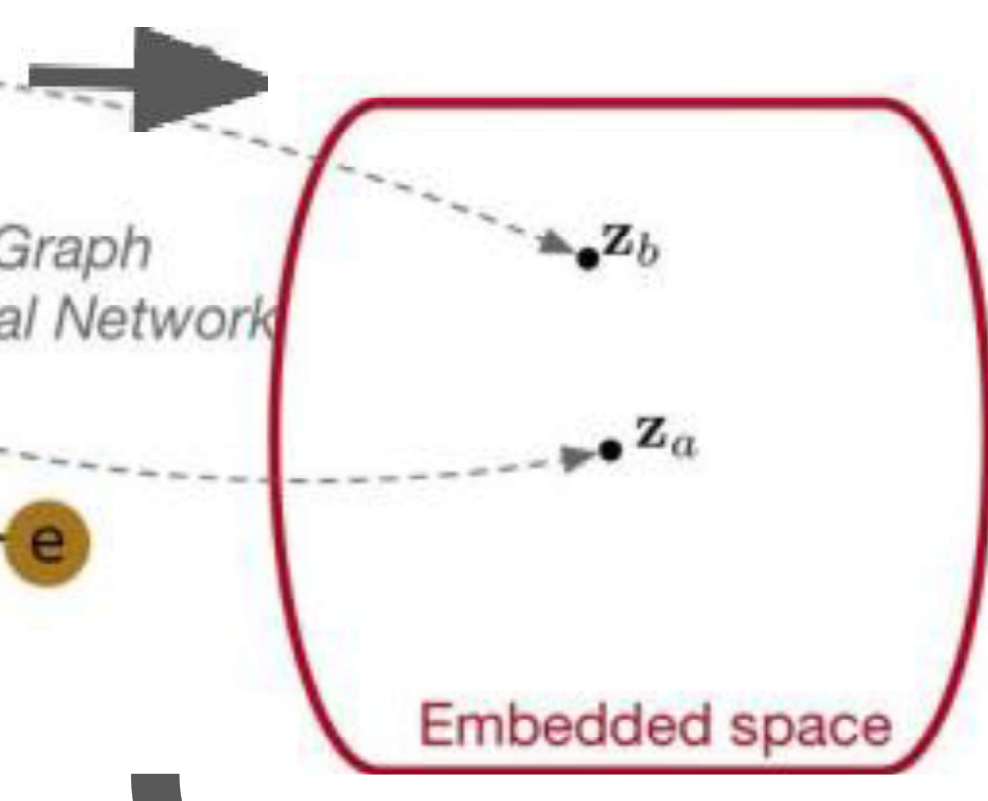
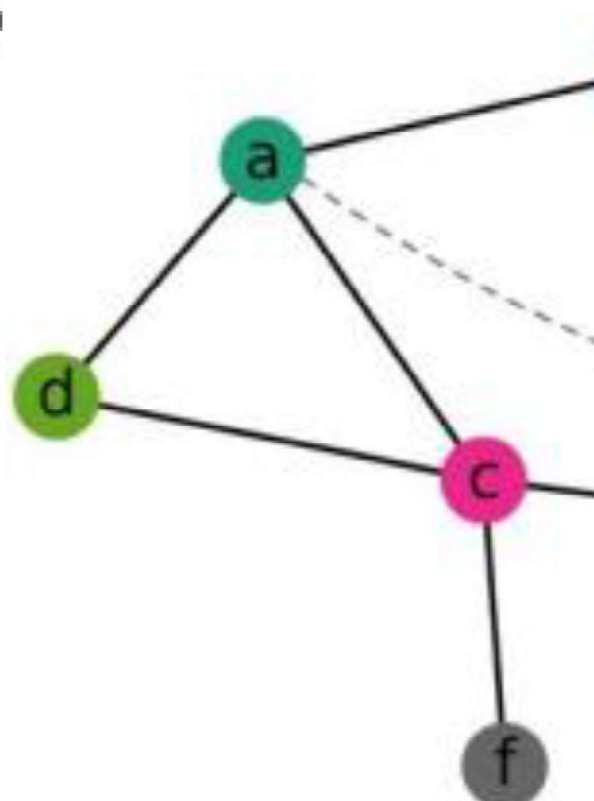
Heterogenous
Documentation

Knowledge
Graph

Graph Embedding
representation

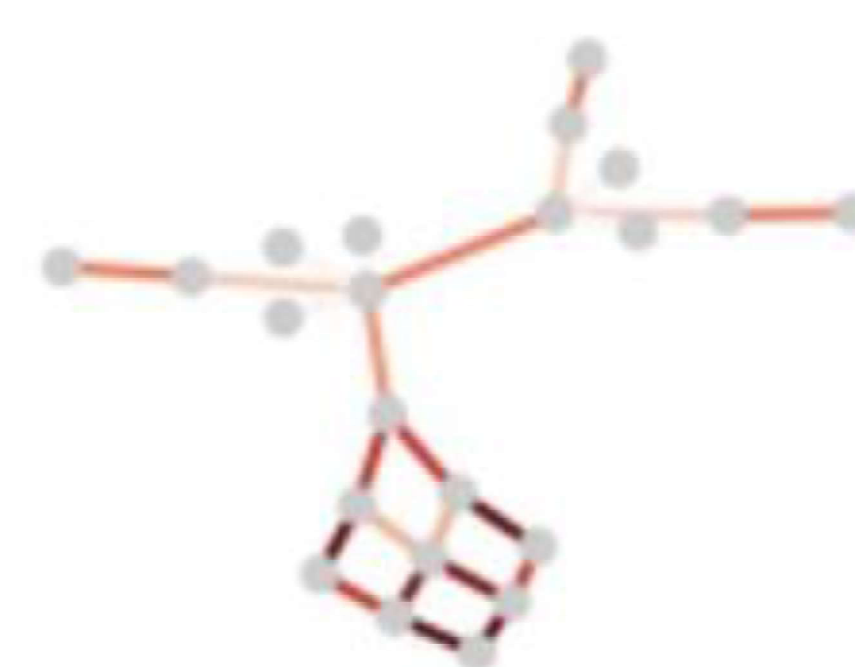
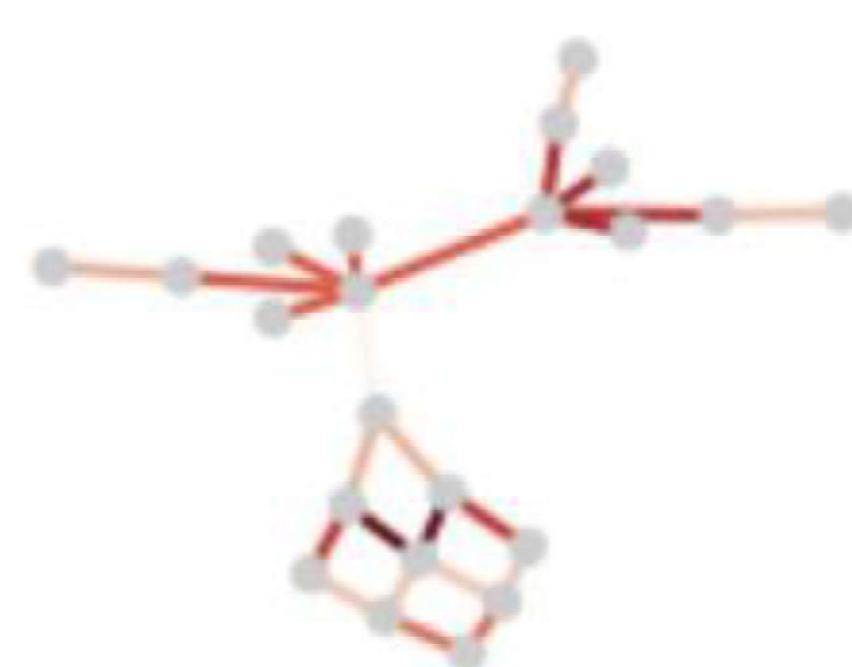
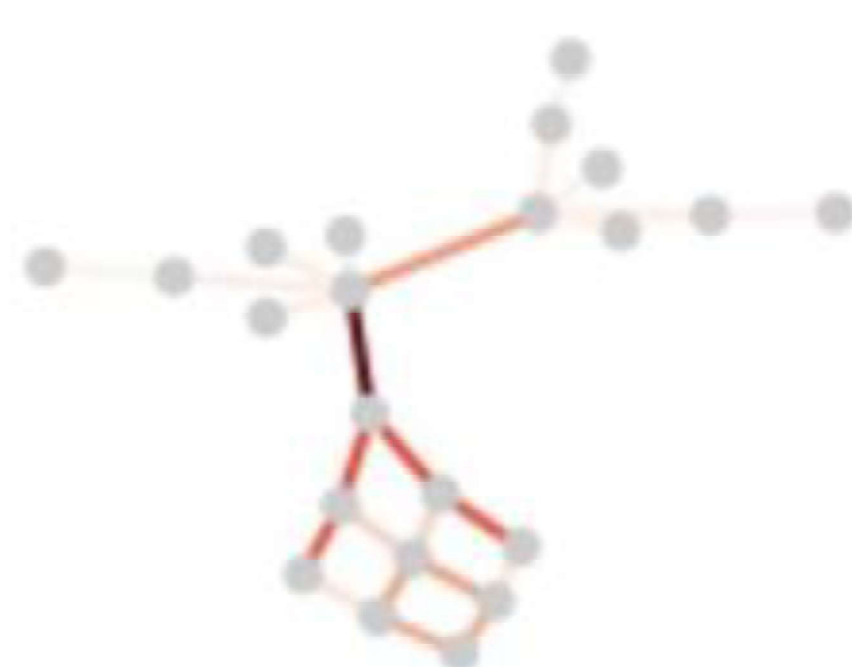
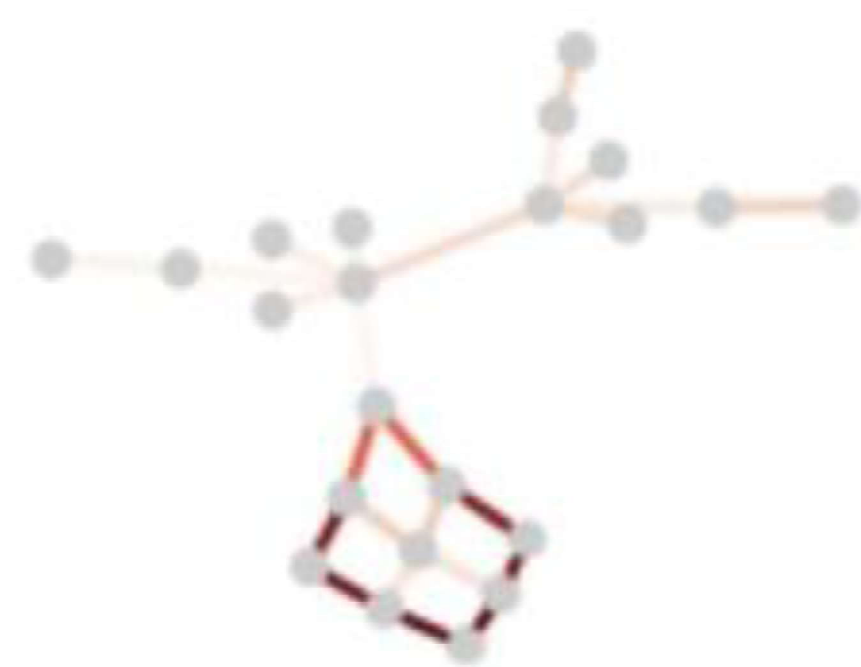
Querying and Reasoning
through Q&A & link
prediction

Fault diagnosis

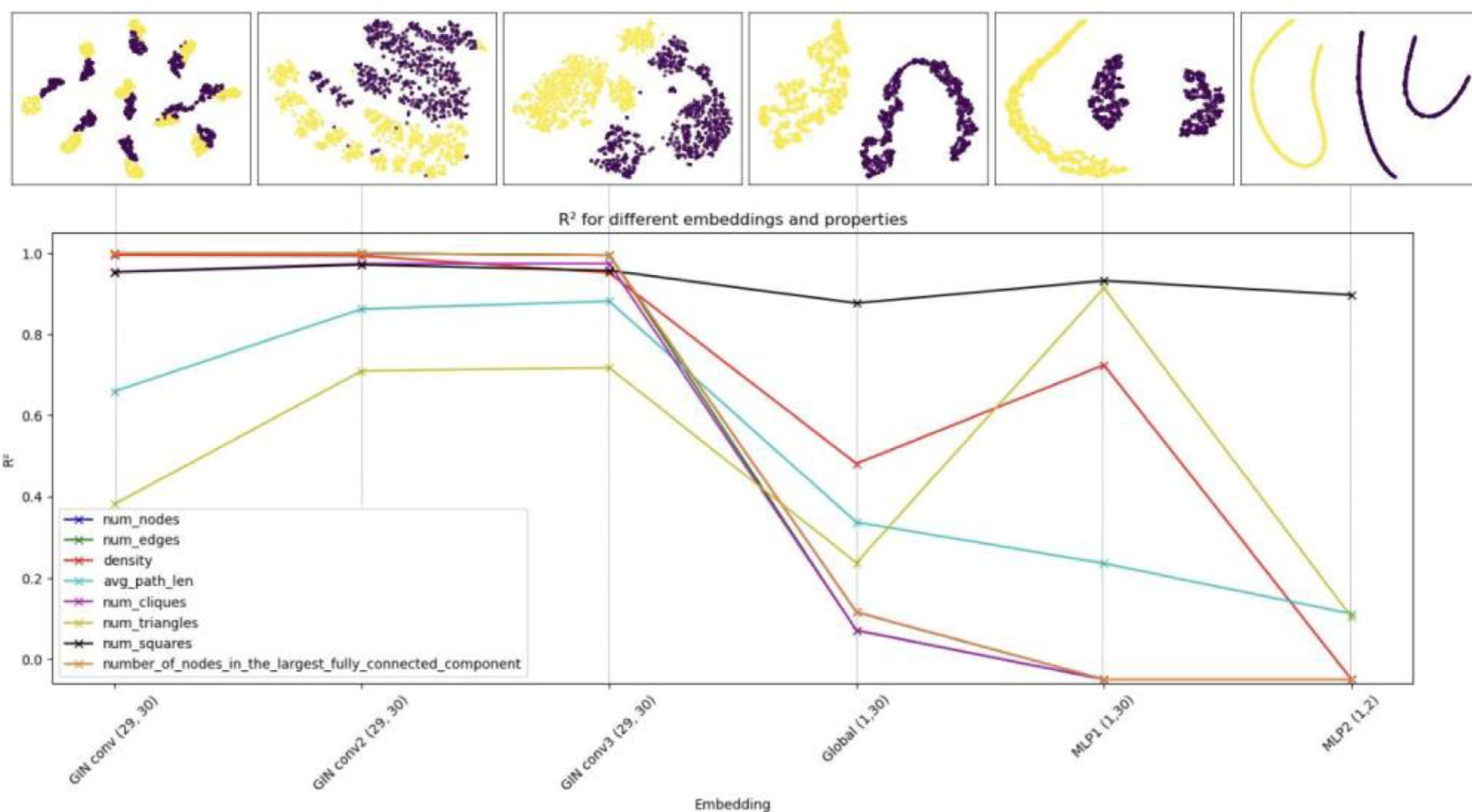


Approach : XAI for graph

Feature attribution
methods



Graph property
probing



Conclusion

Enhance explainability methods for explaining results, subgraph participation and Knowledge Graph feature in the ML diagnosis