## KTH Royal Institute of Technology Machine Learning, Advanced Course DD2434

## Project – Large Network representation learning

Jiaming Huang Tianzhang Cai Wenhao Luo Zhengjie Ji

January 14, 2021

## Contents

- 1 Abstract
- 2 Introduction
- 3 Related Work
- 4 Task Description
- 4.1 Link Prediction (LP)
- 4.2 Multilabel Node Classification (NC)
- 5 Experimental Setup
- 6 Result and Discussion
- 7 Conclusions
- 8 References

## References

- [1] Gionis, Aristides. Modules. DD2434 Machine Learning, Advanced Course. 2020. KTH Royal Institute of Technology.
- [2] Megha Khosla, Vinay Setty, and Avishek Anand. "A Comparative Study for Unsupervised Network Representation Learning." IEEE Transactions on Knowledge and Data Engineering (2019)