
10-708 PGM Project Proposal

Learning SNP-Gene Network Using Mixed Graphical Model

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1. Project Idea

2. Literature Review

3. Dataset

3.1. Synthetic Dataset

Might need to talk about synthetic dataset..

3.2. Human Liver Cohort Study

Let's ask Prof. Kim

4. Plan of Activities

Plan of activities goes here

References

Sohn, Kyung-Ah and Kim, Seyoung. Joint estimation of structured sparsity and output structure in multiple-output regression via inverse-covariance regularization. In *International Conference on Artificial Intelligence and Statistics*, pp. 1081–1089, 2012.