

SHARIF UNIVERSITY OF TECHNOLOGY

CAUSAL INFERENCE

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# Counting and Exploring Sizes of Markov Equivalence Classes of Directed Acyclic Graphs

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January 16, 2019

## Part 1

In this part we wrote some functions in **tools.py**.

- AdjMat2Edges
- ChainCom
- SizeCom
- CPDAG2ConnComp
- SizeMEC

then for testing functionality of algorithm, this graph (its adjacency matrix) was given and the output was 6 as we expect.

