CS7370 : Causal Inference
Assignment 3
4th Nov 2019

Deadline: Nov 15 2019 11:55 pm   Max Marks: 10

Instructions:

- Submit the assignment in latex. Collaborations and discussions are encouraged.
- Be precise with your explanations. Unnecessary verbosity will be penalized. Please start early.
- Check the Moodle discussion forums regularly for updates regarding the assignment.
- You will be evaluated based on a Viva

1. Select one paper from the links provided below or elsewhere. Choice of paper should be from a major conference, preferably a recent one. Marks will be given based on how well you can explain the contents in the paper and come up with novel ideas using it.

    - (5 marks) Write paper critique using the format mentioned in the sample critique.
    - (3 marks) Explaining and answering the questions in the Viva.
    - (2 marks) Coming up with novel ideas.

2.
    - Fairness Track
        – Fairness in Machine Learning
    - Deep Learning Track
        – CausalGAN: Learning Causal Implicit Generative Models with Adversarial Training
    - Reinforcement Learning Track
        – Causal Confusion in Imitation Learning
    - Psychology Track
        – Children's Causal Inference From Indirect Evidence