**MBIL: Markov Blanket and Interactive risk factor Learner**

Garrett Barber, Xia Jiang

**Abstract:**

**Background:**

**1. Introduction**

This paper is focused on the introduction of MBIL – Markov Blanket and Interactive risk factor Learner, a causal learning algorithm developed for a relatively easy way to determine direct causes in randomized control trial datasets. Currently MBIL is available in two different forms, as a python package and as a java program that can be converted into an executable jar. The two forms are currently indistinguishable in functionality and just differ in the programming language used for development.