

Empirical Project Proposal

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ECON124

05/28/2022

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My data is found in the Harvard dataset called “Social Networks and the Decision to Insure” The data is collected through an RCT experiment, which tests the correlation between social networks and insurance buy decisions.

My essay will be focused on predicting whether the Chinese farmers will buy insurance or not based on the data. I will illustrate it using the Lasso cross-validation method and through In-Sample and Out-of-Sample ROC curves. Also, I will argue about the causal inference and create a counterfactual scenario to illustrate the correlation between the treatment and the outcome. Finally, I will make a comparison with the articles to see the differences in outcomes.