Sample RMarkdown

Your Name*

April 1, 2021

Contents

1 Introduction

Write introduction aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff.

Our instrumental variable is $Heat_j \times TimeDummy_t$ that is assumed to be uncorrelated with the error term. It implies that $Heat_j \times TimeDummy_t$ does not have a direct impact on the production.

To produce summary statistics, I found `Hmisc::latex` is more usuful than `stargazer` or `xtable`.

2 Background

Write background aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff.

*title, affiliation, email

3 Econometric method

Write method aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff aaa bbb ccc ddd eee fff.

Their main estimation model has two equations:

$$Y_{ijt} = \beta_0 + \beta_1 Heat_{jt} + \beta_2 X1_{ijt} + \beta_3 X2_{j0} \times D_t + \alpha_{2t} + \alpha_{2j} + u_{ijt} \cdots (1)$$

$$Heat_{jt} = \gamma_0 + \gamma_1 Latitude_j \times D_t + \gamma_2 X1_{ijt} + \gamma_3 X2_{j0} \times D_t + \alpha_{1t} + \alpha_{1j} + \epsilon_{ijt} \cdots (2)$$

where Y_{ijt} indicates dummy variable whether household i, in clueter j at time t has XXX. $Heat_{jt}$ is the temperature of the area covered by the forest to the total area of the specific cluster. u_{ijt} and ϵ_{ijt} are the error terms. Standard errors are clustered at the cluster level.

```
# Install and load packages ---------------

if (!require("pacman")) install.packages("pacman")
```

```
## Loading required package: pacman
```

```
library(pacman)

pacman::p_load(
  tidyverse,
  ggrepel,
  ggthemes,
  lubridate
)
```