

Latex for PDF

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R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
summary(cars)
```

```
##      speed      dist
##  Min.   : 4.0    Min.   :  2.00
##  1st Qu.:12.0    1st Qu.: 26.00
##  Median :15.0    Median : 36.00
##  Mean   :15.4    Mean   : 42.98
##  3rd Qu.:19.0    3rd Qu.: 56.00
##  Max.   :25.0    Max.   :120.00
```

Including Plots

$$HHI_k = \sum_j \left(\frac{N_{j,k}}{N_k} \right)^2$$

HHI_k : Social connectedness of city k

$N_{j,k}$: the number of migrants from birth town j that live in city k

N_k : the total number of migrants in city k

$Y_{k,t}$: the number of crimes in city k in year t

HHI_k : Social connectedness in city k

δ : the elasticity of the crime rate with respect to HHI_k

N_k : the total number of migrants

$X_{k,t}$: a vector of covariates

(log population, percent black, log manufactuaring employment, and so on)

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