

working paper

DB

June 17, 2016

simple model

$$\begin{aligned}\ln(\text{ftpay}_{2012,k}) \\ &= \beta_{0,\text{state}_k,\text{code}_k,\text{type}_k} \\ &\quad + \beta_{1,\text{state}_k,\text{code}_k,\text{type}_k} \times \ln(\text{ftpay}_{2007,k}) + \varepsilon_k\end{aligned}$$

Model discussed

$$\begin{aligned}\ln(\text{ftpay}_{2012,k}) \\ &= \beta_{0,\text{state}_k,\text{code}_k,\text{type}_k} \\ &\quad + \beta_{1,\text{state}_k,\text{code}_k,\text{type}_k} \times \ln(\text{ftpay}_{2007,k}) + \varepsilon_k\end{aligned}$$

R code

```
library(pubBonneryLahiriTran2016)  
demo(mcmc)
```

Slide with Plot

