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1.

$$Cu_t = \alpha + \beta Cu_{t-1} + \gamma Tax_{it} + \delta X_{rit} + \epsilon + u_t$$

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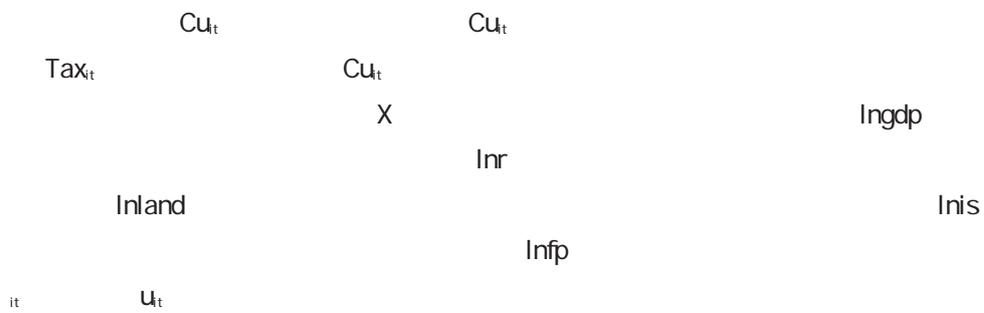
$$u_t = u_t + \epsilon$$

$$Cu_t = \alpha + \beta Cu_{t-1} + \gamma Tax_{it} + \delta X_{rit} + \epsilon + u_t$$

$$u_t = u_t + \epsilon$$

$$Cu_t = \alpha + \beta Cu_{t-1} + \gamma Tax_{it} + \delta Tax_{it} + \epsilon X_{rit} + \delta X_{rit} + \epsilon + u_t$$

$Cu_t$     $i$     $t$



2.

$$C_{it} = \frac{Y_{it}}{Y_{At}} \frac{Y_{it}}{K_{it}} \frac{P_E}{P_L} \frac{P_M}{P_L} \frac{P_K}{P_L}$$

$k$     $Ek$     $Mk$     $Tk$     $t$     $kk$

$C_{it}$     $i$     $t$     $Y_{it}$     $i$     $t$     $Y_{At}$     $i$

$t$     $K_{it}$     $i$     $t$     $i$     $t$     $P_L$

$P_M$

$P_K$     $t$

$k$     $Ek$     $Mk$     $Tk$     $kk$

3.

BTT

STT

1.

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Moran's I

$$I = \frac{\sum_i \sum_j Y_i Y_j - \frac{(\sum_i Y_i)^2}{n}}{\sum_i \sum_j Y_i Y_j - \frac{(\sum_i Y_i)^2}{n}}$$

$S$     $S$     $n$     $n$     $Y_i$     $Y_j$     $i$     $j$

$Y$     $ij$     $ij$

$i$     $j$

$i$     $j$

$$G = \sqrt{A A A A}$$



BTT								
STT								
gdp								
Inr								
Inland								
Inis								
Infp								
W*BTT								
W*STT								
R <sup>2</sup>								
Log-L								
obs								

P

$$I = CU_{it} - I_{it} - Tax_{it} + R_{it} + u_{it}$$

t i *Tax*



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