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Abstract:

$$GAP_{i,t} = \alpha_0 + \alpha_1 FDI_{i,t} + \sum \alpha_c Control_{i,t} + \mu_i + \delta_t + \varepsilon_{i,t}$$

$$GAP_{i,t} \quad FDI_{i,t}$$

$$Control_{i,t} \qquad \mu_i \quad \delta_t \qquad \varepsilon_{i,t}$$

$$stru_{i,t} = \beta_0 + \beta_1 FDI_{i,t} + \sum \beta_c Control_{i,t} + \mu_i + \delta_t + \varepsilon_{i,t}$$

$$GAP_{i,t} = \gamma_0 + \gamma_1 FDI_{i,t} + \gamma_2 stru_{i,t} + \sum \gamma_c Control_{i,t} + \mu_i + \delta_t + \varepsilon_{i,t}$$

$$GAP_{i,t} = \varphi_0 + \rho WGAP_{i,t} + \varphi_1 FDI_{i,t} + \varphi_2 upgrade_{i,t} + \sum \varphi_c Control_{i,t} + \delta_1 WFDI_{i,t} + \delta_2 Wupgrade_{i,t} + \sum \delta_c WControl_{i,t} + \mu_i + \varepsilon_{i,t}$$

W
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$$W_{ij} = \begin{cases} 1 \\ 0 \end{cases}$$

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$$\text{GAP}_t = \sum_{i=1}^2 \left(\frac{Y_{i,t}}{Y_t}\right) \ln \left(\frac{Y_{i,t} / Y_t}{N_{i,t} / N_t}\right)$$

$$N_t \quad Y_t \qquad Y_{i,t}$$

$$upgrade = \sum_3^{i=1} q_i \times i \qquad q_i$$

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Stata

2005 -2019

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-0.006***	-0.019***	-0.025***
0.027*	-0.419***	-0.392***
-0.293***	-0.229*	-0.523***
0.000	0.001***	0.001**
-0.134***	-0.540***	-0.674***
-0.001	-0.007**	-0.008**
0.001***	0.004***	0.005***

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