**Table 1: Summary statistics for data set**

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Year Obs.** | **Mean** | **Min Max Standard Deviation n** |
| **GINI** | 1990 300 | 0.4184 | 0.3458 0.5583 0.4184 |
| **Emigrant Percent** |  |  |  |
| **Natural Disaster Cost / GDP** | 1822 | 3.82e-06 | 3.77e-05 |
| **Natural Disaster Aff / Pop** | 1822 | 0.0176 | 0.0558 |
| **Conflict Deaths / Pop** | 1822 | 6.25e-05 | 0.00193 |

**Table 2: Regression results for all countries and for Latin America**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **All Countries**  **Observed Year** | **Lagged Year** |  | **Lagged Year** |
| **Remit Lagged** | **0.87926\*\*\* (.017911)** | **0.88083\*\*\* (.016205)** |  | **0.93597\*\*\* (0.042760)** |
| **Emigrant Percent** | -2.4844  (1.6189) | -1.9654  (1.8229) |  | **-5.9959`**  **(3.6191)** |
| **Time Trend** | 0.0059332 (.0053201) | 0.0051582 (.0051830) | **0.014150` (0.0073030)** | 0.0071607 (0.0055891) |
| **Natural Disaster Cost** | -1,653.3  (1,015.5) | 316.17  ( 827.30) | **-3,831.6\*\***  **(1,342.7)** | 1,034.8  (760.33) |
| **Nat Cost \* Emigrant** | **16,681\*\*\* (4,849)** | **-23,034\*\*\* (3,039.6)** | **26,389\*\*\***  **(4,926.4)** | **-26,843\*\*\***  **(3,389.6)** |
| **Natural Disaster Affected** | **2.1094`**  **(1.2077)** | 0.35125  (1.3534) | 4.4595  (3.5242) | **1.4518`**  **(0.84182)** |
| **Nat Aff \* Emigrant** | -5.5803  (4.3783) | **-7.2043\***  **(3.0168)** | **-14.880`**  **(7.9740)** | **-10.444\*\*\***  **(1.7346)** |
| **Conflict Death Percent** | 308.50  (349.02) | -36.842  (89.525) | -105.98  (6,173.2) | -105.53  (5,600.1) |
| **Con Death \* Emigrant** | -972.29  (1,188.7) | 123.36  (251.80) | -943.37  (31,751) | 732.13  (28,901) |

“ ` ” p<.1 “ \* ” p < .05 “ \*\* ” p < .01 “ \*\*\* ” p < .001

Adjusted R Squared (nonstationary): 0.923 / 0.863 Adjusted R Squared (stationary): 0.920 / 0.879

Model 1: GINI ~ +logpop + EDU + POVERTY + loginc + unemp

Model 2: GINI ~ logpop + EDU + POVERTY + loginc + unemp + factor(YEAR) +

factor(STATE)

Res.Df RSS Df Sum of Sq F Pr(>F)

1 894 0.47033

2 890 0.42184 4 0.048485 25.573 < 2.2e-16 \*\*\*

---

Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Table 2. ANOVA

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | RSS | Df Sum of Sq | F | p-value |
| 1 (without FE) | 0.47033 |  |  |  |
| 2 (with FE) | 0.42184 | 0.048485 | 25.573 | <2.2e-16\*\*\* |

P-value significance codes: “ ` ” p<.1 “ \* ” p < .05 “ \*\* ” p < .01 “ \*\*\* ” p < .001

T Residuals:

Min 1Q Median 3Q Max

-0.076847 -0.013731 -0.000776 0.011496 0.097967

**Undifferenced**  Estimate (Std. Error) **Differenced** Estimate (Std. Error)

(Intercept) -0.1229750\* Intercept 0.488638\*\*\*

(0.0578) (0.0604)

Population (log)*ij* 0.0089506\*\*\* Population (log)*ij* 0.015857\*\*\*

(0.0009782) (0.00109)

Education*ij* -0.0434780\* Education*ij* -0.24261\*\*\*

(0.0182) (0.0180)

Poverty*ij* 0.4433866\*\*\* dPoverty*ij* -0.071487\*\*\*

(0.0220) (0.0170)

Per Capita Income*ij* 0.0434665\*\*\* Per Capita Income*ij* -0.004367

(log) (0.00646) (log) (0.00700)

Unemployment*ij* -0.0977200 . dUnemployment*ij* -0.003608

(0.0501) (0.0447)

factor(YEAR)2000 -0.0025127 factor(YEAR)2000 -0.046488\*\*\*

(0.00325) (0.00493)

factor(YEAR)2010 -0.0218075 \*\*\* factor(YEAR)2010 -0.012010\*

(0.00639) (0.00565)

factor(STATE)KY 0.0225679\*\*\* factor(STATE)KY 0.028897\*\*\*

(0.00231) (0.00261)

factor(STATE)OH 0.0096398\*\*\* factor(STATE)OH 0.002076

(0.0022326) (0.00261)

Adjusted R2 0.7043 0.5756

AIC -4322.873 -3993.622

BIC -4270.047 -3940.808

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Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Table **3**. OLS Regressions (differenced and undifferenced models)

**First Differenced** Estimate (Std. Error) **Fixed Effects Model** Estimate (Std. Error)

**Model**

(Intercept) -0.1462255\*\*

(0.0517)

Education*ij* 0.0097028 Education*ij* -0.07286946\*\*\*

(0.0181) (0.0194)

Poverty*ij* 0.5173889\*\*\* Poverty*ij* 0.562566094\*\*\*

(0.0212) (0.0208)

Per Capita Income*ij* 0.6325697\*\*\* Per Capita Income*ij* 1.22995853\*\*\*

(log) (0.0629) (log) (0.0876)

Unemployment*ij* -0.146225\*\* Unemployment*ij* -0.02091237

(0.0517) (0.0506)

factor(STATE)KY 0.0236551\*\*\* factor(STATE)KY 0.0678401\*\*\*

(0.00239) (0.0180)

factor(STATE)OH 0.0174029\*\*\* factor(STATE)OH 0.10465427\*\*\*

(0.00214) (0.0255)

Adjusted R2 0.56638 0.6791

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Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Table **4**. PLM Regressions (differenced and undifferenced models)