

# Appendix

## Summary Statistics

Table S1: Summary Statistics for the Subnational Analysis

| <b>Variable</b>                  | <b>Mean</b> | <b>Std. Dev.</b> | <b>Min.</b> | <b>Max.</b> | <b>N</b> |
|----------------------------------|-------------|------------------|-------------|-------------|----------|
| Total EU Expenditures Per Capita | 29.725      | 35.521           | 0.089       | 132.156     | 59       |
| Migrant Arrivals in Thousands    | 14.633      | 27.554           | 0.004       | 122.962     | 60       |
| Unemployment Rate                | 16.756      | 4.299            | 9.5         | 26.1        | 59       |

Table S2: Summary Statistics for the Cross-National Analysis

| <b>Variable</b>            | <b>Mean</b> | <b>Std. Dev.</b> | <b>Min.</b> | <b>Max.</b> | <b>N</b> |
|----------------------------|-------------|------------------|-------------|-------------|----------|
| EU Expenditures Per Capita | 418.363     | 529.009          | 20.406      | 3303.447    | 280      |
| EU Expenditures (% GDP)    | 2.024       | 1.573            | 0.194       | 6.647       | 280      |
| Ln(Detections)             | 3.538       | 3.963            | 0           | 13.697      | 280      |
| Ln(GDP Per Capita)         | 10.218      | 0.632            | 8.811       | 11.615      | 280      |
| Ln(Population)             | 15.884      | 1.393            | 12.93       | 18.233      | 280      |
| GDP Growth                 | 1.373       | 3.733            | -14.814     | 25.117      | 280      |
| Polity                     | 9.620       | 0.626            | 8           | 10          | 271      |
| Civil Liberties Index      | 0.934       | 0.028            | 0.823       | 0.978       | 280      |
| Ln(EU3 FDI per capita)     | 7.948       | 1.495            | 6.037       | 13.92       | 219      |

## Correlation Tables

Table S3: Correlation Table for the Subnational Analysis

| Variables                                  | (1)      | (2)      | (3)      | (4)      | (5) |
|--|----------|----------|----------|----------|-----|
| (1) ERDF and ESF Expenditures per Capita   | 1        |          |          |          |     |
| (2) Migrant Arrivals in Thousands $_{t-1}$ | 0.336*   | 1        |          |          |     |
| (3) Migrant Arrivals in Thousands $_{t-2}$ | 0.414**  | 0.741*** | 1        |          |     |
| (4) Unemployment Rate $_{t-1}$             | 0.602*** | 0.427**  | 0.452**  | 1        |     |
| (5) Unemployment Rate $_{t-2}$             | 0.656*** | 0.477*** | 0.493*** | 0.890*** | 1   |

Table S4: Correlation Table for the Cross-National Analysis

| Variables                                  | (1)       | (2)       | (3)       | (4)       | (5)       | (6)       | (7)       | (8)      | (9)      | (10) |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|------|
| (1) EU Expenditures per Capita             | 1         |           |           |           |           |           |           |          |          |      |
| (2) Total Expenditures (% GDP)             | 0.498***  | 1         |           |           |           |           |           |          |          |      |
| (3) Ln(EU Expenditures per Capita)         | 0.669***  | 0.631***  | 1         |           |           |           |           |          |          |      |
| (4) Ln(Detections) <sub>t-1</sub>          | -0.107    | 0.350***  | 0.0272    | 1         |           |           |           |          |          |      |
| (5) Ln(GDP Per Capita) <sub>t-1</sub>      | 0.401***  | -0.319*** | 0.436***  | -0.536*** | 1         |           |           |          |          |      |
| (6) Ln(Population) <sub>t-1</sub>          | -0.407*** | -0.311*** | -0.211*** | -0.00830  | 0.0428    | 1         |           |          |          |      |
| (7) GDP Growth <sub>t-1</sub>              | -0.0257   | -0.0577   | -0.136**  | -0.0494   | -0.171*** | -0.156*** | 1         |          |          |      |
| (8) Polity <sub>t-1</sub>                  | 0.107*    | -0.122**  | 0.231***  | -0.0507   | 0.464***  | 0.103*    | -0.108*   | 1        |          |      |
| (9) Civil Liberties Index <sub>t-1</sub>   | 0.0334    | -0.165*** | 0.178***  | -0.421*** | 0.400***  | 0.230***  | -0.161*** | 0.121**  | 1        |      |
| (10) Ln(EU3 FDI per capita) <sub>t-1</sub> | 0.587***  | -0.106*   | 0.506***  | -0.516*** | 0.770***  | 0.0156    | -0.150**  | 0.342*** | 0.228*** | 1    |

## Additional Tables and Figures

Table S5: Total EU Expenditures (% GDP) and Border Detections

|                                 | (A1)                          | (A2)               | (A3)              |
|---------------------------------|-------------------------------|--------------------|-------------------|
| Ln(Detections) $_{t-1}$         | 0.266 <sup>+</sup><br>(0.132) | 0.336*<br>(0.162)  | 0.354*<br>(0.166) |
| Ln(GDP per Capita) $_{t-1}$     |                               | -2.590*<br>(1.211) | -2.070<br>(1.230) |
| Ln(Population) $_{t-1}$         |                               | 5.036<br>(4.197)   | 8.695*<br>(3.998) |
| GDP Growth $_{t-1}$             |                               | 0.016<br>(0.015)   | 0.019<br>(0.014)  |
| Polity $_{t-1}$                 |                               | -1.064<br>(1.782)  | -2.428<br>(1.632) |
| Civil Liberties Index $_{t-1}$  |                               |                    | -4.749<br>(5.820) |
| Ln(EU3 FDI per capita) $_{t-1}$ |                               |                    | -0.290<br>(0.338) |
| Observations                    | 200                           | 192                | 173               |
| Countries                       | 25                            | 24                 | 23                |
| R <sup>2</sup>                  | 0.872                         | 0.886              | 0.886             |

Note: This table portrays a pooled cross-sectional time-series ordinary least squares (OLS) analysis of EU expenditures (%GDP) in year  $t$ . Cluster-robust standard errors are shown in parentheses. \*\*\*, \*\*, \* and + indicate statistical significance levels of .1, 1, 5 and 10 percent, respectively. Country and year fixed effects are included in all models.

Table S6: Total EU Expenditures per Capita and Border Detections (including UK, Germany, and France)

|                                | (A4)                            | (A5)                            |
|--------------------------------|---------------------------------|---------------------------------|
| Ln(Detections) $_{t-1}$        | 21.883 <sup>+</sup><br>(11.179) | 26.487 <sup>+</sup><br>(13.333) |
| Ln(GDP per Capita) $_{t-1}$    |                                 | 58.442<br>(93.129)              |
| Ln(Population) $_{t-1}$        |                                 | 397.700<br>(386.404)            |
| GDP Growth $_{t-1}$            |                                 | 2.020<br>(1.848)                |
| Polity $_{t-1}$                |                                 | -850.785<br>(682.006)           |
| Civil Liberties Index $_{t-1}$ |                                 | -383.219<br>(486.371)           |
| Observations                   | 252                             | 243                             |
| Countries                      | 28                              | 27                              |
| R <sup>2</sup>                 | 0.984                           | 0.985                           |

Note: This table portrays a pooled cross-sectional time-series ordinary least squares (OLS) analysis of EU fiscal transfers per capita in year  $t$ . Cluster-robust standard errors are shown in parentheses. \*\*\*, \*\*, \* and + indicate statistical significance levels of .1, 1, 5 and 10 percent, respectively. Country and year fixed effects are included in all models.

Table S7: Total EU Expenditures per Capita and Border Detections (Excluding Countries that Have Never Experienced Border Detections)

|                                       | (A6)               | (A7)                            | (A8)                    |
|---------------------------------------|--------------------|---------------------------------|-------------------------|
| Ln(Detections) <sub>t-1</sub>         | 20.170<br>(12.209) | 23.439 <sup>+</sup><br>(13.226) | 27.802*<br>(10.683)     |
| Ln(GDP per Capita) <sub>t-1</sub>     |                    | 69.398<br>(160.848)             | 181.738<br>(126.578)    |
| Ln(Population) <sub>t-1</sub>         |                    | -142.763<br>(451.755)           | -604.177<br>(413.941)   |
| GDP Growth <sub>t-1</sub>             |                    | 1.331<br>(2.169)                | 1.980<br>(1.974)        |
| Polity <sub>t-1</sub>                 |                    | 73.948<br>(844.566)             | -634.571**<br>(204.984) |
| Civil Liberties Index <sub>t-1</sub>  |                    |                                 | -208.560<br>(599.378)   |
| Ln(EU3 FDI per capita) <sub>t-1</sub> |                    |                                 | -120.808*<br>(51.980)   |
| Observations                          | 144                | 135                             | 121                     |
| Countries                             | 16                 | 15                              | 14                      |
| R <sup>2</sup>                        | 0.851              | 0.865                           | 0.853                   |

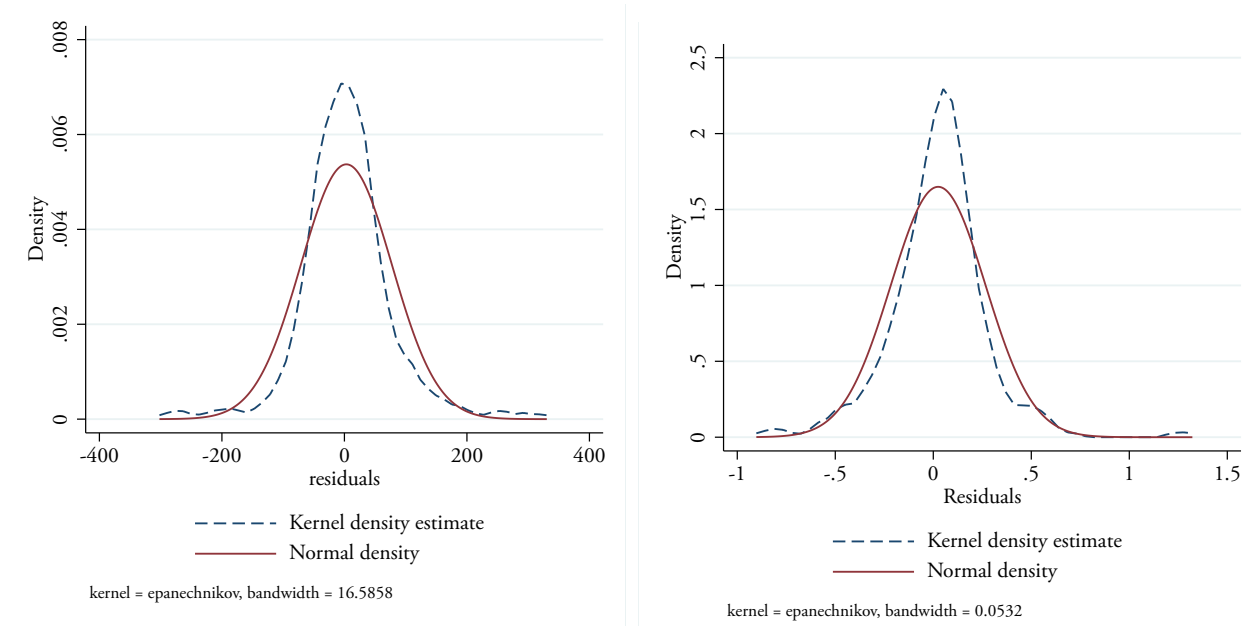
Note: This table portrays a pooled cross-sectional time-series ordinary least squares (OLS) analysis of EU fiscal transfers per capita in year  $t$ . Countries that have never experienced border detections between 2009 and 2018 are excluded from the analysis. Cluster-robust standard errors are shown in parentheses. \*\*\*, \*\*, \* and + indicate statistical significance levels of .1, 1, 5 and 10 percent, respectively. Country and year fixed effects are included in all models.

Table S8: Ln(Total EU Expenditures per Capita) and Border Detections

|   | (A9)                          | (A10)                         | (A11)                         |
|---|-------------------------------|-------------------------------|-------------------------------|
|   | OLS                           | OLS                           | Arellano-Bond                 |
| Ln(EU Expenditures per Capita) $_{t-1}$ | 0.502***<br>(0.116)           | 0.881***<br>(0.022)           | 0.526**<br>(0.182)            |
| Ln(Detections) $_{t-1}$                 | 0.111 <sup>+</sup><br>(0.057) | 0.006 <sup>+</sup><br>(0.003) | 0.081 <sup>+</sup><br>(0.042) |
| Ln(GDP Per Capita) $_{t-1}$             | -0.118<br>(0.392)             | -0.074*<br>(0.028)            | -1.226<br>(0.941)             |
| Ln(Population) $_{t-1}$                 | -0.010<br>(1.074)             | -0.035**<br>(0.012)           | 0.285<br>(1.730)              |
| GDP Growth $_{t-1}$                     | 0.005 <sup>+</sup><br>(0.003) | -0.000<br>(0.003)             | 0.009<br>(0.006)              |
| Polity $_{t-1}$                         | 0.579<br>(0.753)              | -0.008<br>(0.019)             |                               |
| Civil Liberties Index $_{t-1}$          | 0.046<br>(1.592)              | 0.512<br>(0.692)              | 0.165<br>(2.068)              |
| Ln(EU3 FDI per capita) $_{t-1}$         | -0.153<br>(0.132)             | 0.045**<br>(0.012)            | -0.263<br>(0.213)             |
| Country Fixed Effects                   | ✓                             |                               |                               |
| Year Fixed Effects                      | ✓                             | ✓                             | ✓                             |
| First Difference Transformation         |                               |                               | ✓                             |
| Observations                            | 173                           | 173                           | 142                           |
| Countries                               | 23                            | 23                            | 23                            |

Note: This table portrays a pooled cross-sectional time-series analysis of EU fiscal transfers per capita in year  $t$ . Models (A9) and (A10) are estimated by ordinary least squares. Model (A11) is estimated with `xtabond2`, assuming that the lagged dependent variable is the only endogeneity present. The number of instruments is 29, Cluster-robust standard errors are shown in parentheses. \*\*\*, \*\*, \* and <sup>+</sup> indicate statistical significance levels of .1, 1, 5 and 10 percent, respectively.

Figure S1: Checking Normality of Residuals



(a) Robust Regression Analysis of Total EU Expenditures per Capita from Model (10) of Table 4

(b) OLS Analysis of Ln(Total EU Expenditures per Capita) from Model (11) of Table 4



Table S9: Total EU Expenditures per Capita and Intra-EU Migrant Stocks

|   | (A11)                   | (A12)                   | (A13)                   |
|---|-------------------------|-------------------------|-------------------------|
| $\text{Ln}(\text{Migrant Stock Weighted by EU3 Seat Share})_{t-1}$  | -652.454*<br>(271.373)  |                         |                         |
| $\text{Ln}(\text{Migrant Stock Weighted by EU3 Seat Share}) \times$<br>$\text{Ln}(\text{GDP per Capita})_{t-1}$ | 61.247*<br>(28.294)     |                         |                         |
| $\text{Ln}(\text{Migrant Stock Weighted by EU3 GDP})_{t-1}$   |                         | -547.248+<br>(268.689)  |                         |
| $\text{Ln}(\text{Migrant Stock Weighted by EU3 GDP})_{t-1} \times$<br>$\text{Ln}(\text{GDP per Capita})_{t-1}$  |                         | 50.196+<br>(28.258)     |                         |
| $\text{Ln}(\text{Unweighted Migrant Stock})_{t-1}$  |                         |                         | -510.794+<br>(254.601)  |
| $\text{Ln}(\text{Unweighted Migrant Stock})_{t-1} \times$<br>$\text{Ln}(\text{GDP per Capita})_{t-1}$           |                         |                         | 45.983+<br>(26.752)     |
| $\text{Ln}(\text{GDP per Capita})_{t-1}$  | -216.590<br>(366.928)   | -115.569<br>(373.781)   | -145.874<br>(390.962)   |
| $\text{Ln}(\text{Population})_{t-1}$  | -1384.925*<br>(508.148) | -1434.084*<br>(524.381) | -1473.943*<br>(536.804) |
| $\text{GDP Growth}_{t-1}$   | -4.586+<br>(2.562)      | -4.591+<br>(2.509)      | -4.653+<br>(2.569)      |
| $\text{Polity}_{t-1}$   | -63.822<br>(42.013)     | -59.537<br>(41.391)     | -56.955<br>(40.439)     |
| $\text{Ln}(\text{EU3 FDI per capita})_{t-1}$  | -34.138<br>(27.205)     | -33.804<br>(27.159)     | -34.866<br>(27.001)     |
| Observations  | 358                     | 358                     | 358                     |
| Countries   | 23                      | 23                      | 23                      |
| R <sup>2</sup>  | 0.958                   | 0.958                   | 0.958                   |

Note: This table portrays a pooled cross-sectional time-series ordinary least squares (OLS) analysis of EU fiscal transfers per capita in year  $t$ . Cluster-robust standard errors are shown in parentheses. \*\*\*, \*\*, \* and + indicate statistical significance levels of .1, 1, 5 and 10 percent, respectively. Country and year fixed effects are included in all models.