# SUMMARY OF RESULT COMPARISON (INDEPENDENT VARIABLES ARE IN BOLD)

# Comparison Table: Model 1b

|  |  |  |  |
| --- | --- | --- | --- |
| Variable | Original Study  Model 1b | Replication Study  Model 1b | Similarities/Differences |
| **Voice and Accountability** | -6.756 (5.321) | -0.0524586  (0.0363162) |  |
| **Political Stability and Absence of Violence** | -3.105 (4.477) | **-0.0527735\***  (0.0254019) | **Significant in reproduction.** |
| **Government Effectiveness** | 1.797 (6.278) | 0.0209652  (0.0270342) |  |
| **Regulatory Quality** | -16.672\*\* (5.375) | **0.1101683\*\***  (0.037357) | **Opposite sign in reproduction.** |
| **Rule of Law** | 20.882\* (9.208) | **0.0741018**  (0.0567697) | **Not significant in reproduction.** |
| **Control of Corruption** | -27.706\*\* (9.456) | **-0.0665584**  (0.0451717) | **Not significant in reproduction.** |
| GNI per Capita | 0.068\*\*\* (0.012) | **0.0002941**  (0.00021) | **Not significant in reproduction.** |
| Roads Paved (%) | -0.113 (0.277) | 0.0047255  (0.0025792) |  |
| Phones per Capita | -0.179 (0.288) | -0.0016208  (0.0010879) |  |
| Geographic Proximity | 52.057\*\*\* (6.831) | 0.4452804\*\*\*  (0.0613326) | **Significant in both.** |
| Colonial Link | 5.985 (6.912) | 0.1345699\*  (0.0531132) | **Significant in reproduction.** |
| Constant | 17.681  (14.683) | -0.3152417\*\*\*  (0.0883719) | **Significant in reproduction.** |
| Number of complete observations | 42 | 32 |  |
| Model Fit - Chi-squared | 106.46\*\*\* | 112.86\*\*\* |  |
| Model Fit - Log Likelihood | -161.035 | 20.579461 |  |

+ p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001

Notes

* The original study had 42 observations included in their model out of **49** total LDCs (for some reason the study mentions 50 LDCs, however, this must be a typo(?)). There are **5** countries for which there are no foreign affiliates listed, which (arguably) renders the dependent variable (proportion of affiliates that are EMNEs) meaningless.
  + Bhutan
  + Cape Verde
  + Eritrea
  + Somalia
  + Tuvalu
* For the replication I was only able to get **32** complete observations. The **5** countries mentioned above were all missing values for the dependent variable. In addition to the **5** countries excluded because observations of the dependent variable were missing, the following **10** countries were also excluded because they were missing one or more observations for one or more of the independent variables of interest:
  + Afghanistan
  + Comoros
  + Djibouti
  + Equatorial Guinea
  + Kiribati
  + Maldives
  + Samoa
  + Sao Tome and Principe
  + Solomon Islands
  + Vanuatu
* This brings the total of entities with missing values up to **15**, and the number of complete observations for analysis down to **34**. Finally, the following **2** entities were missing values for one or more of the control variables:
  + Democratic Republic of Congo
  + Myanmar
* Thus, the total number of countries with complete data for both years is only **32**, with **17** countries excluding due to missing values in one or more of the dependent, independent, or control variables.

# Comparison Table: Model 2b (Excludes firms from natural resource industries)

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Original Study**  **Model 2b** | **Replication Study**  **Model 2b** | **Similarities/Differences** |
| **Voice and Accountability** | -7.409  (5.238) | -0.0465681  (0.0407294) |  |
| **Political Stability and Absence of Violence** | -2.563  (4.374) | -0.0519596+  (0.0291204) |  |
| **Government Effectiveness** | 2.392  (6.026) | 0.0082428  (0.0301203) |  |
| **Regulatory Quality** | -15.724\*\*  (5.059) | **0.1170849\*\***  (0.0427069) | **Opposite sign in reproduction.** |
| **Rule of Law** | 22.274\*  (8.928) | **0.0955616**  (0.0636598) | **Not significant in reproduction.** |
| **Control of Corruption** | -29.514\*\*\*  (9.068) | **-0.0778365**  (0.0519855) | **Not significant in reproduction.** |
| GNI per Capita | 0.071\*\*\*  (0.012) | **0.0002283**  (0.00022) | **Not significant in reproduction.** |
| Roads Paved (%) | -0.074  (0.271) | 0.0050112+  (0.0028708) |  |
| Phones per Capita | -0.179  (0.284) | -0.0015032  (0.0011956) |  |
| Geographic Proximity | 54.012\*\*\*  (6.732) | **0.4358505\*\*\***  (0.0662659) | **Significant in both.** |
| Colonial Link | 5.149  (6.718) | **0.140459\***  (0.0617194) | **Significant in reproduction.** |
| Constant | 13.179  (14.738) | -0.2976676  (0.0976904) |  |
| Number of complete observations | 42 | 32 |  |
| Model Fit - Chi-squared | 119.97\*\*\* | 98.10\*\*\* |  |
| Model Fit - Log Likelihood | -160.385 | 18.659863 |  |

+ p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001

# Comparison Table: Model 3b (Excludes firms from former colonial power)

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Original Study**  **Model 3b** | **Replication Study**  **Model 3b** | **Similarities/Differences** |
| **Voice and Accountability** | 0.904  (7.262) | -0.0899089  (0.0737129) |  |
| **Political Stability and Absence of Violence** | -19.242\*\*\*  (6.910) | **-0.0900133+**  (0.0508934) | **Not significant in reproduction.** |
| **Government Effectiveness** | 20.794\*  (8.338) | **0.0697866**  (0.0553584) | **Not significant in reproduction.** |
| **Regulatory Quality** | -24.820\*\*\*  (7.637) | **0.1610044\***  (0.0777161) | **Opposite sign in reproduction.** |
| **Rule of Law** | 36.540\*\*  (13.765) | **0.2155153+**  (0.1139772) | **Not significant in reproduction.** |
| **Control of Corruption** | -44.473\*\*\*  (12.715) | **-0.1769363\***  (0.0822849) | **Significant in both.** |
| GNI per Capita | 0.078\*\*\*  (0.017) | **0.0005161**  (0.0004324) | **Not significant in reproduction.** |
| Roads Paved (%) | 1.196\*  (0.466) | **0.0023472**  (0.0054685) | **Not significant in reproduction.** |
| Phones per Capita | -0.350  (0.418) | -0.0016745  (0.0023389) |  |
| Geographic Proximity | 154.44\*\*\*  (20.504) | **0.7061292\*\***  (0.2356665) | **Significant in both.** |
| Colonial Link | N/A | N/A |  |
| Constant | -54.707\*  (24.694) | -0.3495907\*  (0.1770503) |  |
| Number of complete observations | 42 | 28 |  |
| Model Fit - Chi-squared | 84.94\*\*\* | 29.41\*\* |  |
| Model Fit - Log Likelihood | -152.885 | -2.7862909 |  |

+ p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001