Estimating General Effects of Japan's ASEAN+1 Agreement Compared to All Regional Trade Agreements

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | (1) OLS | (2) OLS | (3) OLS | (4) PPML | (5) PPML | (6) OLS |
|  | Naive | MRT | FE | INTRA | RVRS | ENDG |
| Intercept | -13.650 \*\*\* | 30.390 \*\*\* |  |  |  |  |
|  | (0.234) | (0.419) |  |  |  |  |
| Log exporter GDP | 1.006 \*\*\* | 1.125 \*\*\* |  |  |  |  |
|  | (0.005) | (0.005) |  |  |  |  |
| Log importer GDP | 0.801 \*\*\* | 0.939 \*\*\* |  |  |  |  |
|  | (0.005) | (0.005) |  |  |  |  |
| Exporter remoteness |  | -1.172 \*\*\* |  |  |  |  |
|  |  | (0.041) |  |  |  |  |
| Importer remoteness |  | -0.451 \*\*\* |  |  |  |  |
|  |  | (0.041) |  |  |  |  |
| Log distance | -1.163 \*\*\* | -1.185 \*\*\* | -1.408 \*\*\* | -0.711 \*\*\* | -0.703 \*\*\* |  |
|  | (0.020) | (0.018) | (0.021) | (0.034) | (0.035) |  |
| Language | 0.667 \*\*\* | 0.641 \*\*\* | 0.455 \*\*\* | 0.118 | 0.124 |  |
|  | (0.052) | (0.045) | (0.041) | (0.071) | (0.071) |  |
| Colonizer | 0.359 \*\*\* | 0.699 \*\*\* | 0.804 \*\*\* | 0.332 \* | 0.308 \* |  |
|  | (0.063) | (0.059) | (0.051) | (0.136) | (0.136) |  |
| Colonial relation | 2.263 \*\*\* | 1.882 \*\*\* | 1.696 \*\*\* | 0.317 | 0.314 |  |
|  | (0.122) | (0.127) | (0.150) | (0.186) | (0.181) |  |
| Legal origins before 1991 | 0.715 \*\*\* | 0.606 \*\*\* | 0.496 \*\*\* | 0.333 \*\*\* | 0.325 \*\*\* |  |
|  | (0.054) | (0.048) | (0.041) | (0.082) | (0.085) |  |
| Legal origins after 1991 | -0.790 \*\*\* | -0.612 \*\*\* | -0.329 \*\*\* | -0.182 \* | -0.166 |  |
|  | (0.049) | (0.044) | (0.040) | (0.084) | (0.086) |  |
| Religion | 0.116 | 0.050 | 0.387 \*\*\* | -0.009 | 0.000 |  |
|  | (0.064) | (0.054) | (0.052) | (0.110) | (0.110) |  |
| GATT/WTO | -0.176 \*\*\* | 0.125 \*\*\* | 0.075 | 0.058 | 0.041 | 0.031 |
|  | (0.029) | (0.025) | (0.051) | (0.203) | (0.206) | (0.044) |
| RTA in RoW | 0.461 \*\*\* | 0.551 \*\*\* | 0.365 \*\*\* | 0.406 \*\*\* | 0.117 | 0.172 \*\*\* |
|  | (0.040) | (0.036) | (0.037) | (0.070) | (0.072) | (0.027) |
| RTA ASEAN-Japan | 1.756 \*\*\* | 0.963 \*\*\* | 0.288 | 0.849 \*\*\* | 0.197 \*\* | -0.076 |
|  | (0.277) | (0.242) | (0.388) | (0.155) | (0.065) | (0.214) |
| RTA in RoW(t+3) |  |  |  |  | 0.334 \*\*\* |  |
|  |  |  |  |  | (0.060) |  |
| RTA ASEAN-Japan(t+3) |  |  |  |  | 0.685 \*\*\* |  |
|  |  |  |  |  | (0.174) |  |
| N | 267856 | 267856 | 267856 | 394947 | 361352 | 280004 |
| Fixed Effects | No | No | Yes | Yes | Yes | Yes |
| Intra-national trade | No | No | No | Yes | Yes | No |
| R^2 | 0.565 | 0.624 | 0.749 |  |  | 0.840 |
| pseudo R^2 |  |  |  | 0.947 | 0.949 |  |
| Notes: Statistics based on author's calculations. All estimates are obtained with data for the period from 1965 to 2020 with 3-year intervals. Standard errors are clustered by country pair and are reported in parentheses. \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05 | | | | | | |