SFA-Kumb90-JTT-HN-GTC - long period

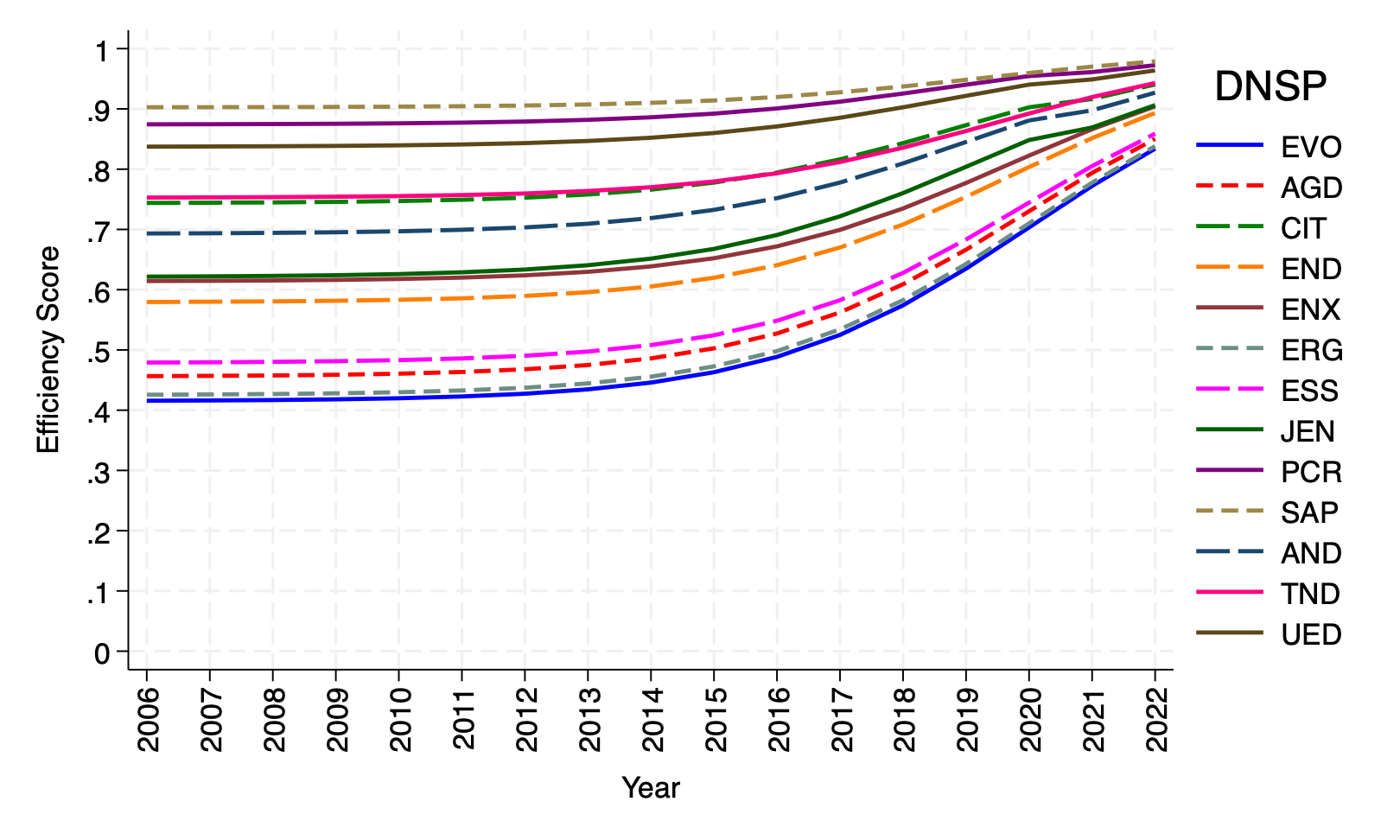
SFACD-Kumb90-JTT-HN-GTC Elasticities

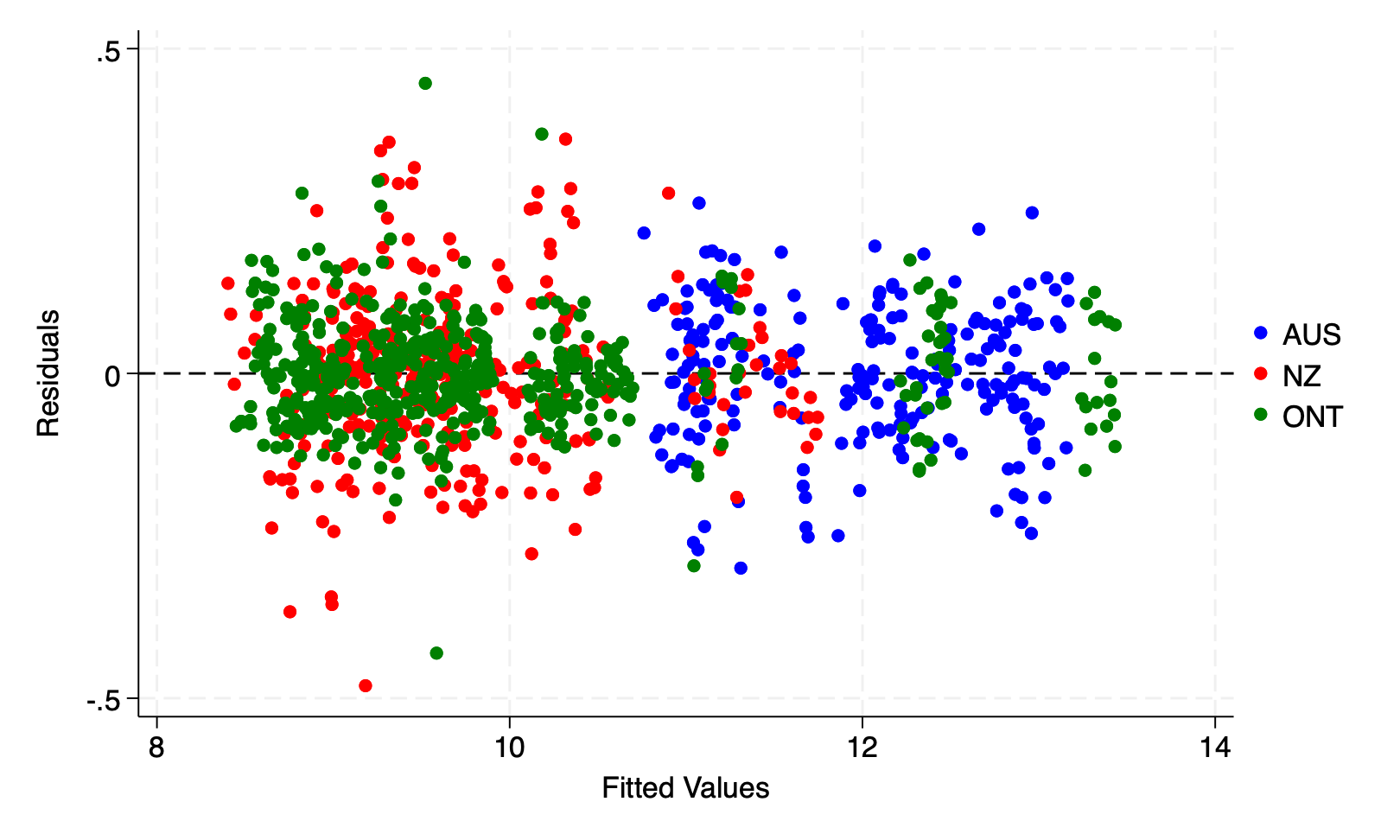
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| Country code |  |  |  |  |
| 1.Aust | 0.495 | 0.200 | 0.275 | 0.970 |
| 2.NZ | 0.495 | 0.200 | 0.275 | 0.970 |
| 3.Ontario | 0.495 | 0.200 | 0.275 | 0.970 |
| Total | 0.495 | 0.200 | 0.275 | 0.970 |

SFACD-Kumb90-JTT-HN-GTC Efficiency Scores

|  |  |  |  |
| --- | --- | --- | --- |
|  | Cost efficiency via E(exp(-u)|e) | eff\_LB95 | eff\_UB95 |
| Country code |  |  |  |
| 1.Aust | .7147839 | .7479134 | .683313 |
| 2.NZ | .771008 | .8084352 | .7341932 |
| 3.Ontario | .7598353 | .7960231 | .7248644 |
| Total | .7537142 | .7896363 | .7189149 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Cost efficiency via E(exp(-u)|e) | eff\_LB95 | eff\_UB95 |
| dnsp |  |  |  |
| 1 | .5183411 | .5412916 | .4965143 |
| 2 | .5543921 | .5792078 | .5307983 |
| 3 | .800969 | .8384183 | .7654193 |
| 4 | .6601444 | .6904859 | .6313165 |
| 5 | .6893505 | .7212304 | .6590657 |
| 6 | .5272065 | .5506147 | .5049461 |
| 7 | .5740996 | .5999392 | .5495358 |
| 8 | .7023094 | .7345037 | .6717322 |
| 9 | .9034446 | .9464016 | .8626834 |
| 10 | .9234757 | .967705 | .8814054 |
| 11 | .7603913 | .7956728 | .7268928 |
| 12 | .8034428 | .8413747 | .7674279 |
| 13 | .874623 | .916028 | .8353314 |
| Total | .7147839 | .7479134 | .683313 |





SFATLG-Kumb90-JTT-HN-GTC-Elasticities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| Country code |  |  |  |  |
| 1.Aust | 0.526 | 0.258 | 0.161 | 0.946 |
| 2.NZ | 0.408 | 0.284 | 0.332 | 1.024 |
| 3.Ontario | 0.571 | 0.156 | 0.245 | 0.972 |
| Total | 0.511 | 0.218 | 0.254 | 0.982 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| dnsp |  |  |  |  |
| 1 | 0.629 | 0.170 | 0.164 | 0.963 |
| 2 | 0.692 | 0.185 | 0.029 | 0.906 |
| 3 | 0.776 | 0.093 | 0.061 | 0.930 |
| 4 | 0.523 | 0.251 | 0.148 | 0.922 |
| 5 | 0.598 | 0.235 | 0.087 | 0.920 |
| 6 | 0.051 | 0.492 | 0.414 | 0.957 |
| 7 | 0.190 | 0.455 | 0.323 | 0.969 |
| 8 | 0.862 | 0.086 | 0.006 | 0.954 |
| 9 | 0.408 | 0.337 | 0.213 | 0.957 |
| 10 | 0.336 | 0.365 | 0.249 | 0.950 |
| 11 | 0.588 | 0.255 | 0.117 | 0.960 |
| 12 | 0.342 | 0.327 | 0.298 | 0.968 |
| 13 | 0.841 | 0.108 | -0.013 | 0.936 |
| Total | 0.526 | 0.258 | 0.161 | 0.946 |

SFATLG-Kumb90-JTT-HN-GTC Efficiency Scores

|  |  |  |  |
| --- | --- | --- | --- |
|  | Cost efficiency via E(exp(-u)|e) | eff\_LB95 | eff\_UB95 |
| Country code |  |  |  |
| 1.Aust | 0.722 | 0.755 | 0.691 |
| 2.NZ | 0.758 | 0.794 | 0.722 |
| 3.Ontario | 0.741 | 0.776 | 0.707 |
| Total | 0.742 | 0.777 | 0.708 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Cost efficiency via E(exp(-u)|e) | eff\_LB95 | eff\_UB95 |
| dnsp |  |  |  |
| 1 | 0.526 | 0.549 | 0.505 |
| 2 | 0.522 | 0.544 | 0.500 |
| 3 | 0.819 | 0.857 | 0.783 |
| 4 | 0.627 | 0.655 | 0.601 |
| 5 | 0.657 | 0.686 | 0.628 |
| 6 | 0.601 | 0.628 | 0.575 |
| 7 | 0.635 | 0.663 | 0.608 |
| 8 | 0.733 | 0.766 | 0.701 |
| 9 | 0.891 | 0.932 | 0.851 |
| 10 | 0.953 | 0.992 | 0.911 |
| 11 | 0.754 | 0.788 | 0.722 |
| 12 | 0.791 | 0.828 | 0.756 |
| 13 | 0.880 | 0.921 | 0.841 |
| Total | 0.722 | 0.755 | 0.691 |

SFATLG-Kumb90-JTT-HN-GTC Monotonicity Violations

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mon1 | mon2 | mon3 | montot |
| Country code |  |  |  |  |
| 1.Aust | 0.5 | 0.0 | 9.5 | 10.0 |
| 2.NZ | 3.1 | 0.0 | 0.0 | 3.1 |
| 3.Ontario | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 1.1 | 0.0 | 2.0 | 3.1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mon1 | mon2 | mon3 | montot |
| dnsp |  |  |  |  |
| 1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6 | 5.9 | 0.0 | 0.0 | 5.9 |
| 7 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8 | 0.0 | 0.0 | 47.1 | 47.1 |
| 9 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13 | 0.0 | 0.0 | 76.5 | 76.5 |
| Total | 0.5 | 0.0 | 9.5 | 10.0 |

