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

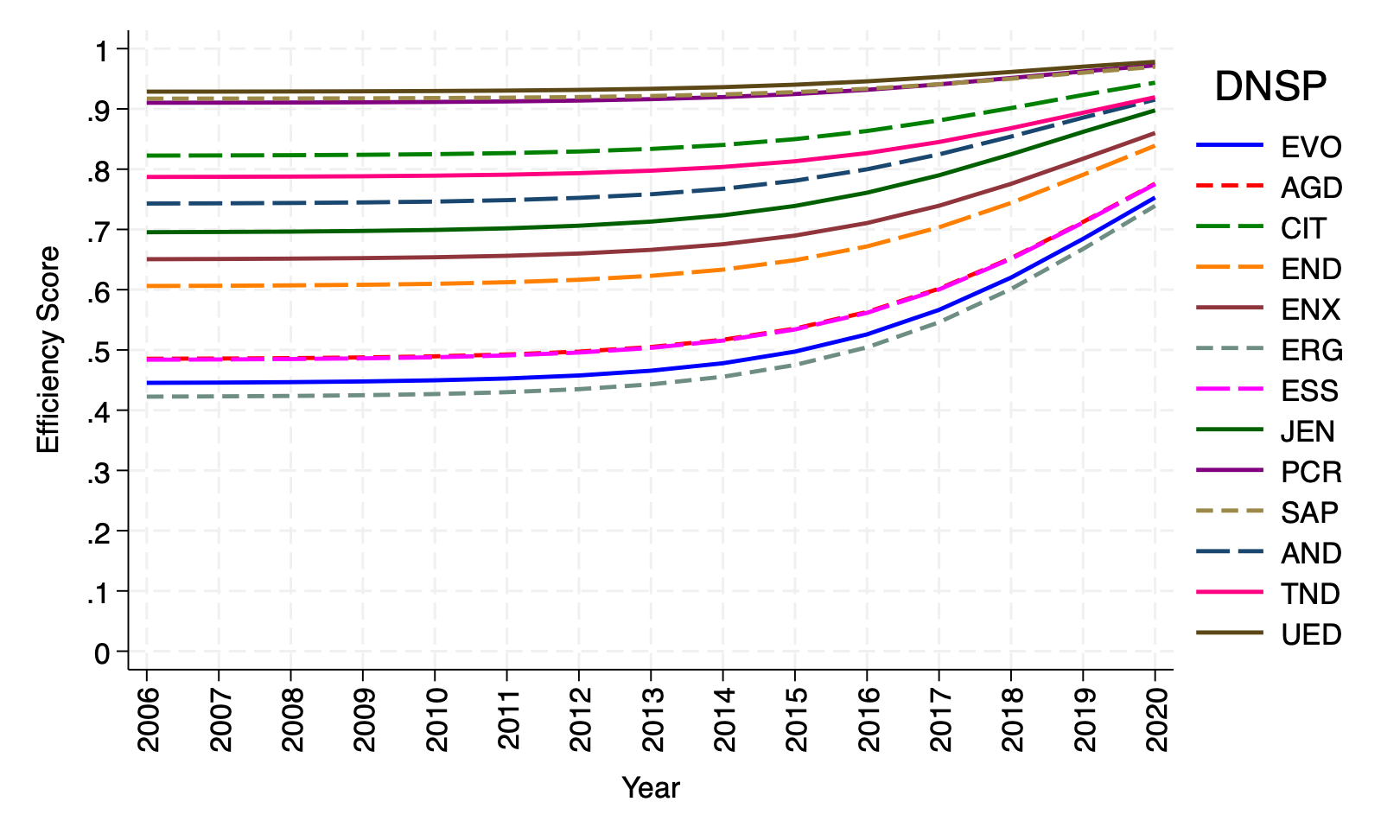
SFACD-Kumb90-JTT-HN-GTC Elasticities

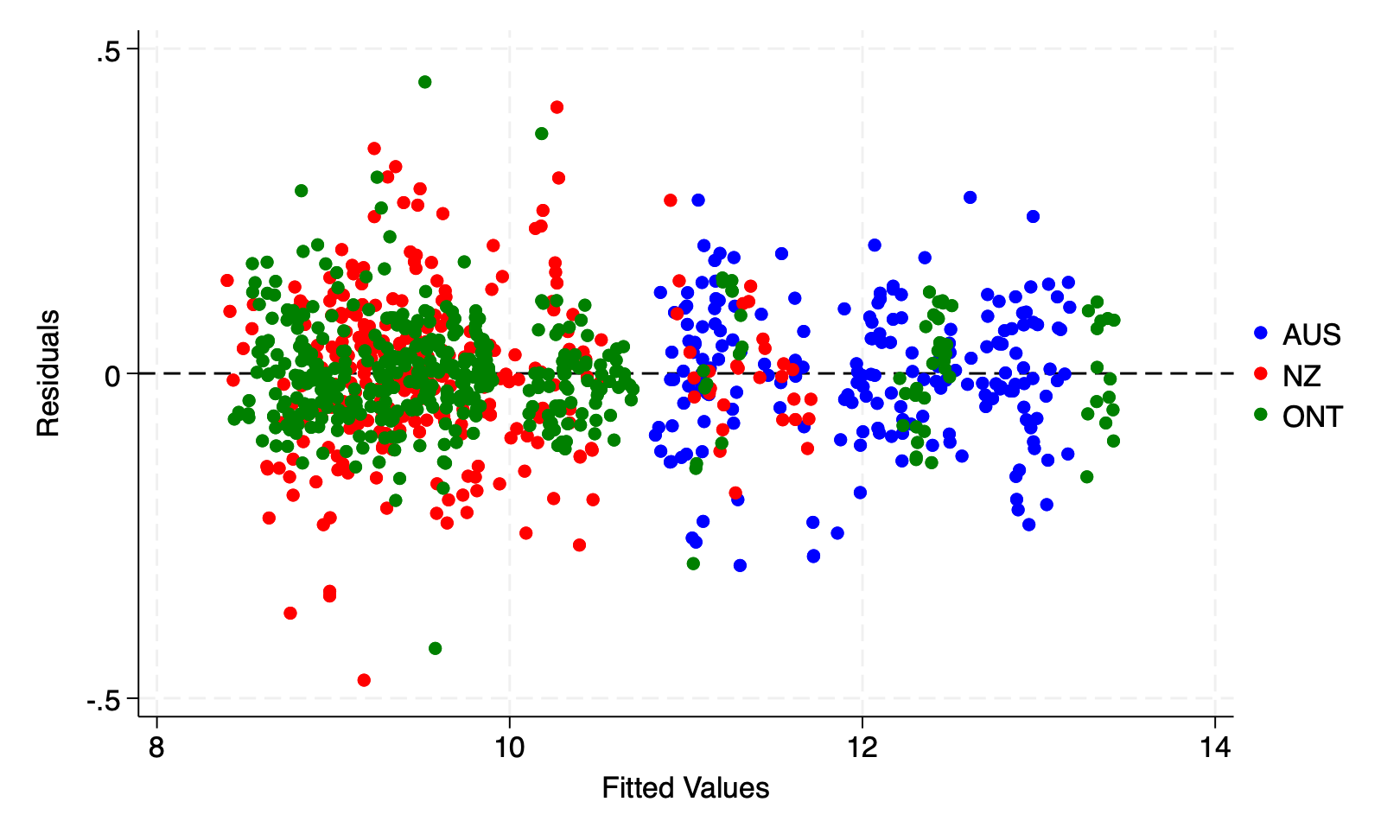
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| Country code |  |  |  |  |
| 1.Aust | 0.585 | 0.151 | 0.230 | 0.966 |
| 2.NZ | 0.585 | 0.151 | 0.230 | 0.966 |
| 3.Ontario | 0.585 | 0.151 | 0.230 | 0.966 |
| Total | 0.585 | 0.151 | 0.230 | 0.966 |

SFACD-Kumb90-JTT-HN-GTC Efficiency Scores

|  |  |  |  |
| --- | --- | --- | --- |
|  | Cost efficiency via E(exp(-u)|e) | eff\_LB95 | eff\_UB95 |
| Country code |  |  |  |
| 1.Aust | .7293636 | .7667513 | .6936635 |
| 2.NZ | .7794943 | .8189863 | .7400222 |
| 3.Ontario | .7715388 | .8116843 | .7329353 |
| Total | .7650285 | .8043828 | .7267733 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Cost efficiency via E(exp(-u)|e) | eff\_LB95 | eff\_UB95 |
| dnsp |  |  |  |
| 1 | .5157082 | .5418237 | .4909458 |
| 2 | .5524421 | .5805708 | .5257756 |
| 3 | .8539636 | .8983295 | .8119624 |
| 4 | .661378 | .6955134 | .6290315 |
| 5 | .7006663 | .7369796 | .6662606 |
| 6 | .4944642 | .5194187 | .4707999 |
| 7 | .5510445 | .5790964 | .5244506 |
| 8 | .74684 | .785187 | .7105237 |
| 9 | .9266218 | .9745404 | .8808513 |
| 10 | .930262 | .9784281 | .8839135 |
| 11 | .7872249 | .8278361 | .7487699 |
| 12 | .8194058 | .8623328 | .7787483 |
| 13 | .941705 | .9877106 | .895593 |
| Total | .7293636 | .7667513 | .6936635 |





SFATLG-Kumb90-JTT-HN-GTC-Elasticities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| Country code |  |  |  |  |
| 1.Aust | 0.730 | 0.225 | 0.039 | 0.994 |
| 2.NZ | 0.462 | 0.239 | 0.280 | 0.982 |
| 3.Ontario | 0.670 | 0.085 | 0.157 | 0.913 |
| Total | 0.618 | 0.163 | 0.170 | 0.951 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| dnsp |  |  |  |  |
| 1 | 0.854 | 0.092 | 0.006 | 0.952 |
| 2 | 1.046 | 0.124 | -0.186 | 0.985 |
| 3 | 1.111 | -0.011 | -0.168 | 0.932 |
| 4 | 0.710 | 0.229 | 0.042 | 0.980 |
| 5 | 0.882 | 0.195 | -0.080 | 0.997 |
| 6 | -0.123 | 0.588 | 0.561 | 1.025 |
| 7 | 0.186 | 0.508 | 0.358 | 1.051 |
| 8 | 1.315 | -0.046 | -0.302 | 0.967 |
| 9 | 0.544 | 0.337 | 0.143 | 1.024 |
| 10 | 0.410 | 0.386 | 0.224 | 1.020 |
| 11 | 0.885 | 0.201 | -0.066 | 1.020 |
| 12 | 0.359 | 0.332 | 0.295 | 0.987 |
| 13 | 1.305 | -0.010 | -0.319 | 0.977 |
| Total | 0.730 | 0.225 | 0.039 | 0.994 |

SFATLG-Kumb90-JTT-HN-GTC Efficiency Scores

|  |  |  |  |
| --- | --- | --- | --- |
|  | Cost efficiency via E(exp(-u)|e) | eff\_LB95 | eff\_UB95 |
| Country code |  |  |  |
| 1.Aust | 0.721 | 0.757 | 0.687 |
| 2.NZ | 0.776 | 0.814 | 0.737 |
| 3.Ontario | 0.782 | 0.822 | 0.743 |
| Total | 0.767 | 0.806 | 0.729 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Cost efficiency via E(exp(-u)|e) | eff\_LB95 | eff\_UB95 |
| dnsp |  |  |  |
| 1 | 0.494 | 0.519 | 0.471 |
| 2 | 0.521 | 0.547 | 0.497 |
| 3 | 0.832 | 0.874 | 0.792 |
| 4 | 0.602 | 0.632 | 0.573 |
| 5 | 0.663 | 0.696 | 0.631 |
| 6 | 0.594 | 0.623 | 0.565 |
| 7 | 0.621 | 0.652 | 0.592 |
| 8 | 0.774 | 0.813 | 0.737 |
| 9 | 0.877 | 0.922 | 0.835 |
| 10 | 0.952 | 0.994 | 0.907 |
| 11 | 0.757 | 0.795 | 0.721 |
| 12 | 0.743 | 0.781 | 0.707 |
| 13 | 0.945 | 0.989 | 0.900 |
| Total | 0.721 | 0.757 | 0.687 |

SFATLG-Kumb90-JTT-HN-GTC Monotonicity Violations

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mon1 | mon2 | mon3 | montot |
| Country code |  |  |  |  |
| 1.Aust | 7.7 | 21.0 | 49.2 | 56.9 |
| 2.NZ | 9.8 | 0.0 | 14.7 | 24.6 |
| 3.Ontario | 0.0 | 18.2 | 6.7 | 23.2 |
| Total | 4.7 | 13.1 | 18.3 | 30.8 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mon1 | mon2 | mon3 | montot |
| dnsp |  |  |  |  |
| 1 | 0.0 | 0.0 | 33.3 | 33.3 |
| 2 | 0.0 | 0.0 | 100.0 | 100.0 |
| 3 | 0.0 | 100.0 | 100.0 | 100.0 |
| 4 | 0.0 | 0.0 | 6.7 | 6.7 |
| 5 | 0.0 | 0.0 | 100.0 | 100.0 |
| 6 | 100.0 | 0.0 | 0.0 | 100.0 |
| 7 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8 | 0.0 | 100.0 | 100.0 | 100.0 |
| 9 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11 | 0.0 | 0.0 | 100.0 | 100.0 |
| 12 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13 | 0.0 | 73.3 | 100.0 | 100.0 |
| Total | 7.7 | 21.0 | 49.2 | 56.9 |

