SFA-Kumb90-JTT-HN - short period

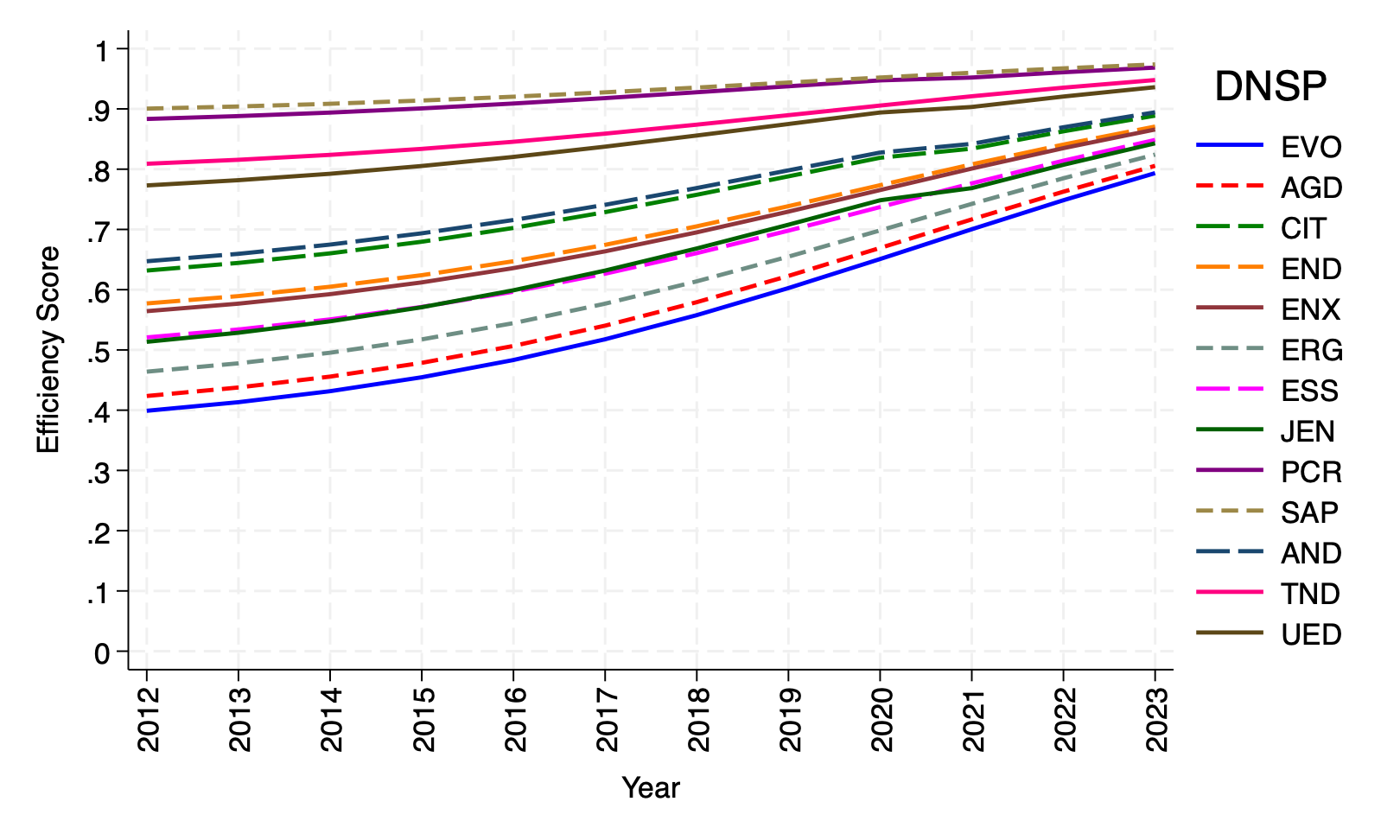
SFACD-Kumb90-JTT-HN Elasticities

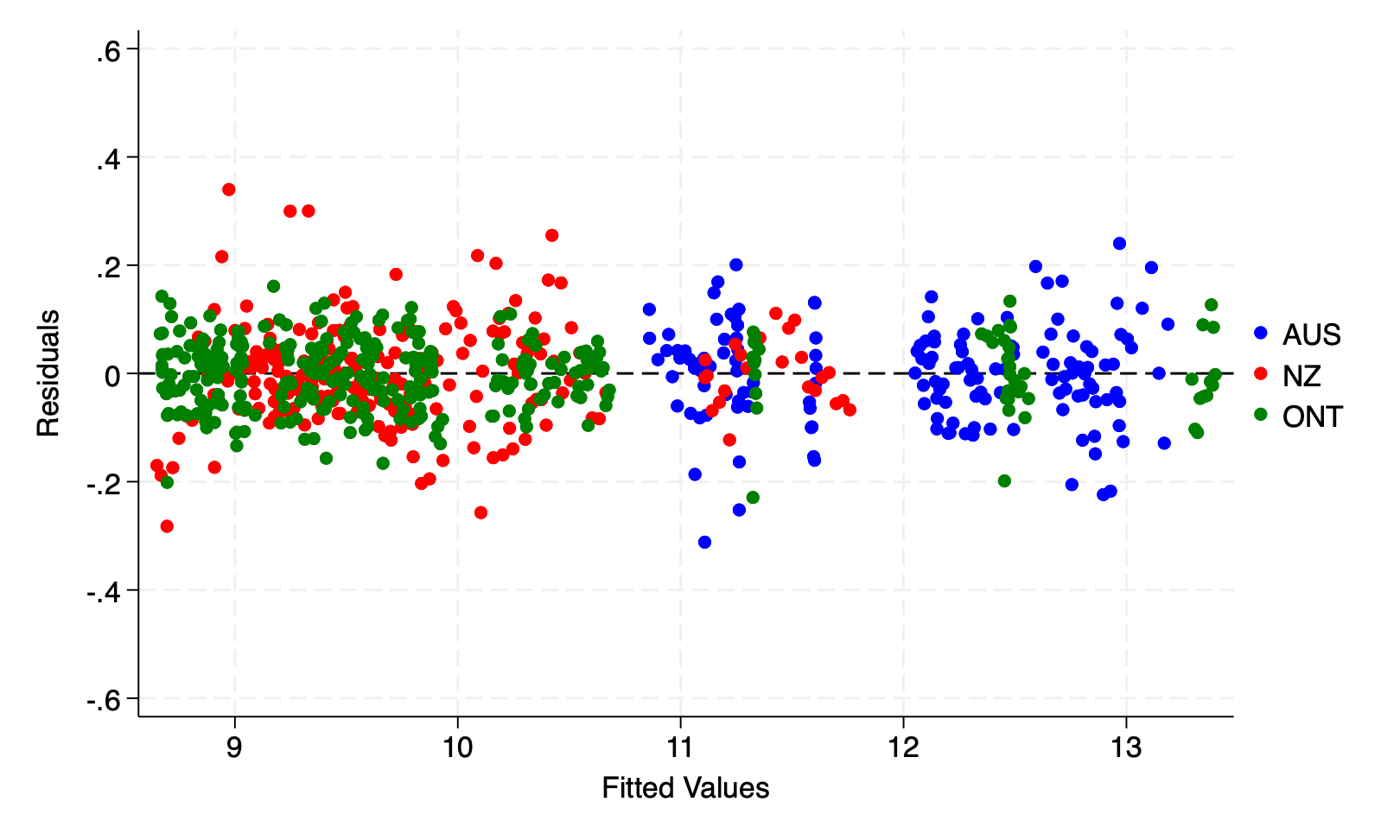
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| Country code |  |  |  |  |
| 1.Aust | 0.380 | 0.315 | 0.240 | 0.935 |
| 2.NZ | 0.380 | 0.315 | 0.240 | 0.935 |
| 3.Ontario | 0.380 | 0.315 | 0.240 | 0.935 |
| Total | 0.380 | 0.315 | 0.240 | 0.935 |

SFACD-Kumb90-JTT-HN Efficiency Scores

|  |  |
| --- | --- |
|  | Cost efficiency via E(exp(-u)|e) |
| Country code |  |
| 1.Aust | 0.736 |
| 2.NZ | 0.717 |
| 3.Ontario | 0.773 |
| Total | 0.748 |

|  |  |
| --- | --- |
|  | Cost efficiency via E(exp(-u)|e) |
| dnsp |  |
| 1 | 0.563 |
| 2 | 0.583 |
| 3 | 0.750 |
| 4 | 0.704 |
| 5 | 0.695 |
| 6 | 0.616 |
| 7 | 0.661 |
| 8 | 0.661 |
| 9 | 0.924 |
| 10 | 0.934 |
| 11 | 0.761 |
| 12 | 0.872 |
| 13 | 0.850 |
| Total | 0.736 |





SFATLG-Kumb90-JTT-HN-Elasticities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| Country code |  |  |  |  |
| 1.Aust | 0.247 | 0.320 | 0.327 | 0.893 |
| 2.NZ | 0.688 | 0.342 | -0.059 | 0.971 |
| 3.Ontario | 0.491 | 0.183 | 0.314 | 0.988 |
| Total | 0.500 | 0.262 | 0.201 | 0.962 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| dnsp |  |  |  |  |
| 1 | 0.345 | 0.252 | 0.339 | 0.936 |
| 2 | 0.004 | 0.284 | 0.571 | 0.859 |
| 3 | 0.161 | 0.201 | 0.555 | 0.918 |
| 4 | 0.168 | 0.277 | 0.448 | 0.893 |
| 5 | 0.088 | 0.313 | 0.464 | 0.865 |
| 6 | 0.493 | 0.359 | 0.074 | 0.926 |
| 7 | 0.432 | 0.421 | 0.041 | 0.893 |
| 8 | 0.150 | 0.301 | 0.431 | 0.882 |
| 9 | 0.298 | 0.383 | 0.201 | 0.881 |
| 10 | 0.323 | 0.362 | 0.209 | 0.893 |
| 11 | 0.224 | 0.391 | 0.250 | 0.865 |
| 12 | 0.458 | 0.313 | 0.164 | 0.936 |
| 13 | 0.067 | 0.300 | 0.498 | 0.866 |
| Total | 0.247 | 0.320 | 0.327 | 0.893 |

SFATLG-Kumb90-JTT-HN Efficiency Scores

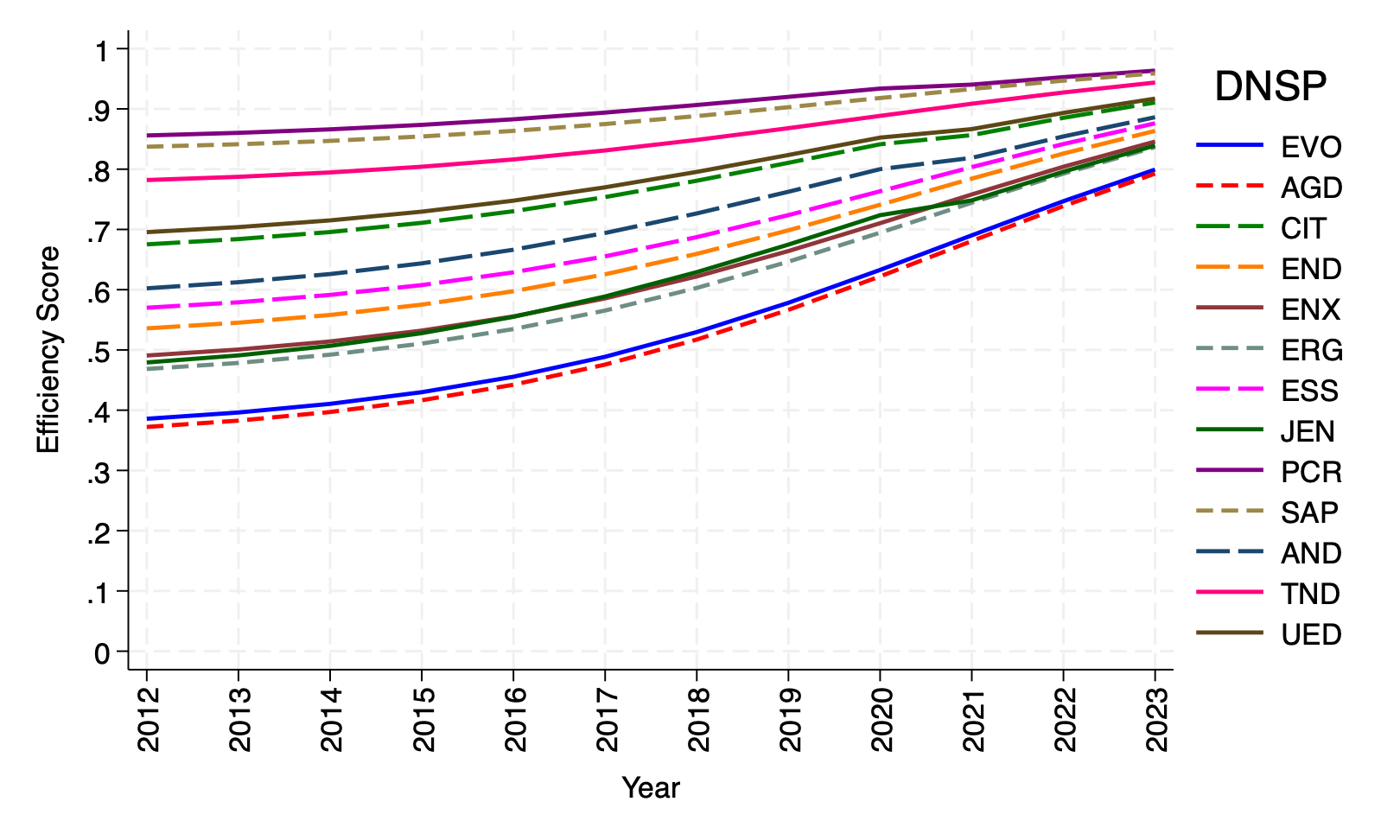
|  |  |
| --- | --- |
|  | Cost efficiency via E(exp(-u)|e) |
| dnsp |  |
| 1 | 0.545 |
| 2 | 0.534 |
| 3 | 0.778 |
| 4 | 0.667 |
| 5 | 0.632 |
| 6 | 0.614 |
| 7 | 0.694 |
| 8 | 0.630 |
| 9 | 0.904 |
| 10 | 0.889 |
| 11 | 0.724 |
| 12 | 0.850 |
| 13 | 0.792 |
| Total | 0.712 |

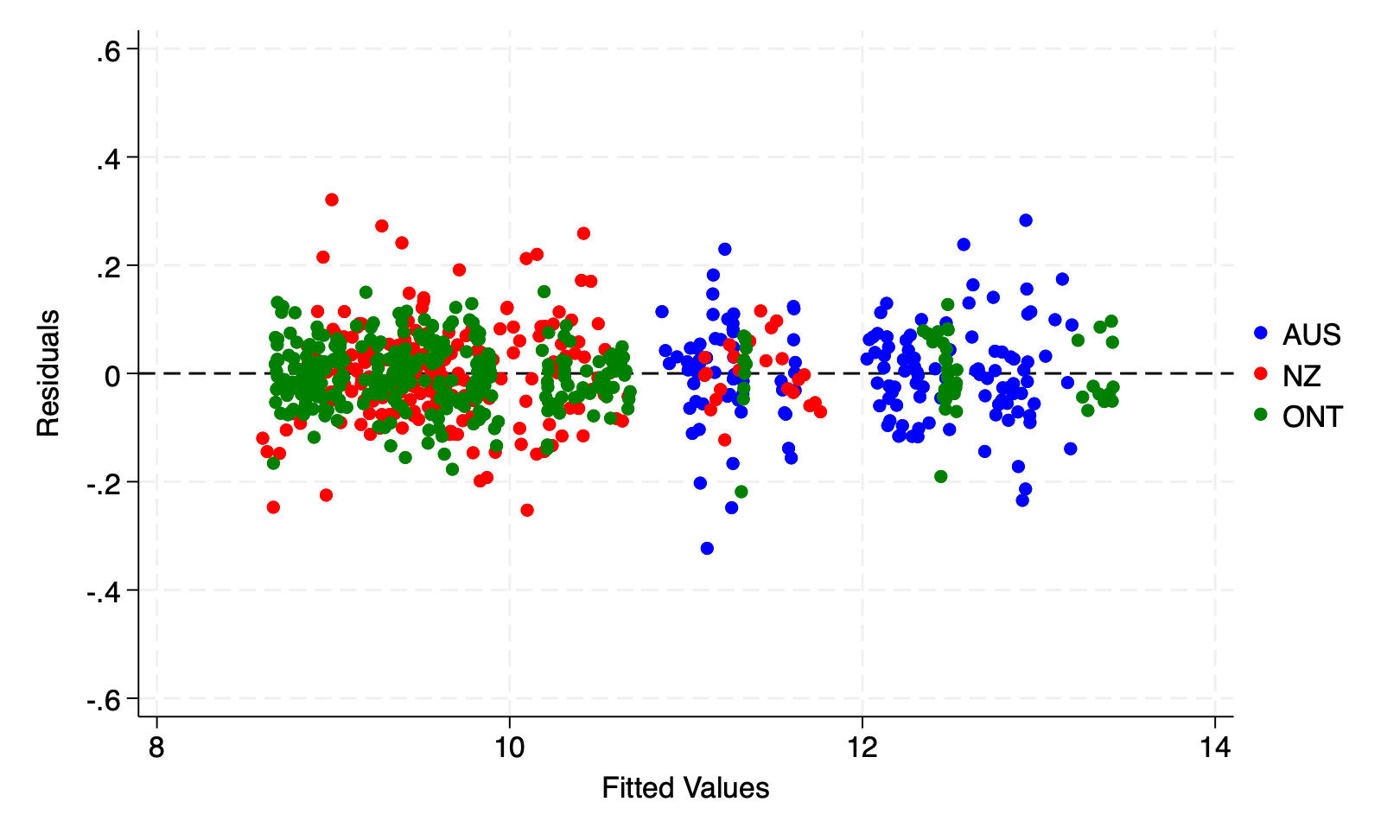
|  |  |
| --- | --- |
|  | Cost efficiency via E(exp(-u)|e) |
| Country code |  |
| 1.Aust | 0.712 |
| 2.NZ | 0.770 |
| 3.Ontario | 0.769 |
| Total | 0.757 |

SFATLG-Kumb90-JTT-HN Monotonicity Violations

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mon1 | mon2 | mon3 | montot |
| Country code |  |  |  |  |
| 1.Aust | 3.8 | 0.0 | 0.0 | 3.8 |
| 2.NZ | 0.0 | 0.0 | 68.4 | 68.4 |
| 3.Ontario | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 0.8 | 0.0 | 21.3 | 22.1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mon1 | mon2 | mon3 | montot |
| dnsp |  |  |  |  |
| 1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2 | 50.0 | 0.0 | 0.0 | 50.0 |
| 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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 | 0.0 | 0.0 |
| Total | 3.8 | 0.0 | 0.0 | 3.8 |





SFATLG BC95-JTT-HN Alternative Elasticities (long period)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | aely1 | aely2 | aely3 | aelY |
| Country code |  |  |  |  |
| 1.Aust | 0.500 | -0.088 | -0.211 | 0.201 |
| 2.NZ | 0.500 | 0.435 | 0.163 | 1.098 |
| 3.Ontario | 0.500 | 0.305 | 0.409 | 1.215 |
| Total | 0.500 | 0.262 | 0.201 | 0.962 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | aely1 | aely2 | aely3 | aelY |
| dnsp |  |  |  |  |
| 1 | 0.500 | 0.136 | 0.152 | 0.788 |
| 2 | 0.500 | -0.297 | -0.266 | -0.062 |
| 3 | 0.500 | 0.005 | 0.188 | 0.693 |
| 4 | 0.500 | -0.209 | -0.243 | 0.048 |
| 5 | 0.500 | -0.255 | -0.318 | -0.073 |
| 6 | 0.500 | -0.153 | -0.530 | -0.183 |
| 7 | 0.500 | -0.133 | -0.577 | -0.210 |
| 8 | 0.500 | 0.081 | 0.114 | 0.695 |
| 9 | 0.500 | -0.108 | -0.386 | 0.006 |
| 10 | 0.500 | -0.150 | -0.420 | -0.070 |
| 11 | 0.500 | -0.055 | -0.281 | 0.164 |
| 12 | 0.500 | 0.058 | -0.141 | 0.417 |
| 13 | 0.500 | -0.068 | -0.031 | 0.401 |
| Total | 0.500 | -0.088 | -0.211 | 0.201 |

SFATLG BC95-JTT-HN Alternative Monotonicity Violations (long period)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mv1 | mv2 | mv3 | mvtot |
| Country code |  |  |  |  |
| 1.Aust | 0.0 | 71.8 | 76.9 | 79.5 |
| 2.NZ | 0.0 | 5.3 | 10.5 | 10.5 |
| 3.Ontario | 0.0 | 10.3 | 6.9 | 10.3 |
| Total | 0.0 | 21.9 | 23.0 | 25.1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mv1 | mv2 | mv3 | mvtot |
| dnsp |  |  |  |  |
| 1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2 | 0.0 | 100.0 | 100.0 | 100.0 |
| 3 | 0.0 | 33.3 | 0.0 | 33.3 |
| 4 | 0.0 | 100.0 | 100.0 | 100.0 |
| 5 | 0.0 | 100.0 | 100.0 | 100.0 |
| 6 | 0.0 | 100.0 | 100.0 | 100.0 |
| 7 | 0.0 | 100.0 | 100.0 | 100.0 |
| 8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9 | 0.0 | 100.0 | 100.0 | 100.0 |
| 10 | 0.0 | 100.0 | 100.0 | 100.0 |
| 11 | 0.0 | 100.0 | 100.0 | 100.0 |
| 12 | 0.0 | 0.0 | 100.0 | 100.0 |
| 13 | 0.0 | 100.0 | 100.0 | 100.0 |
| Total | 0.0 | 71.8 | 76.9 | 79.5 |