SFA-Kumb90-JTT-HN - short period

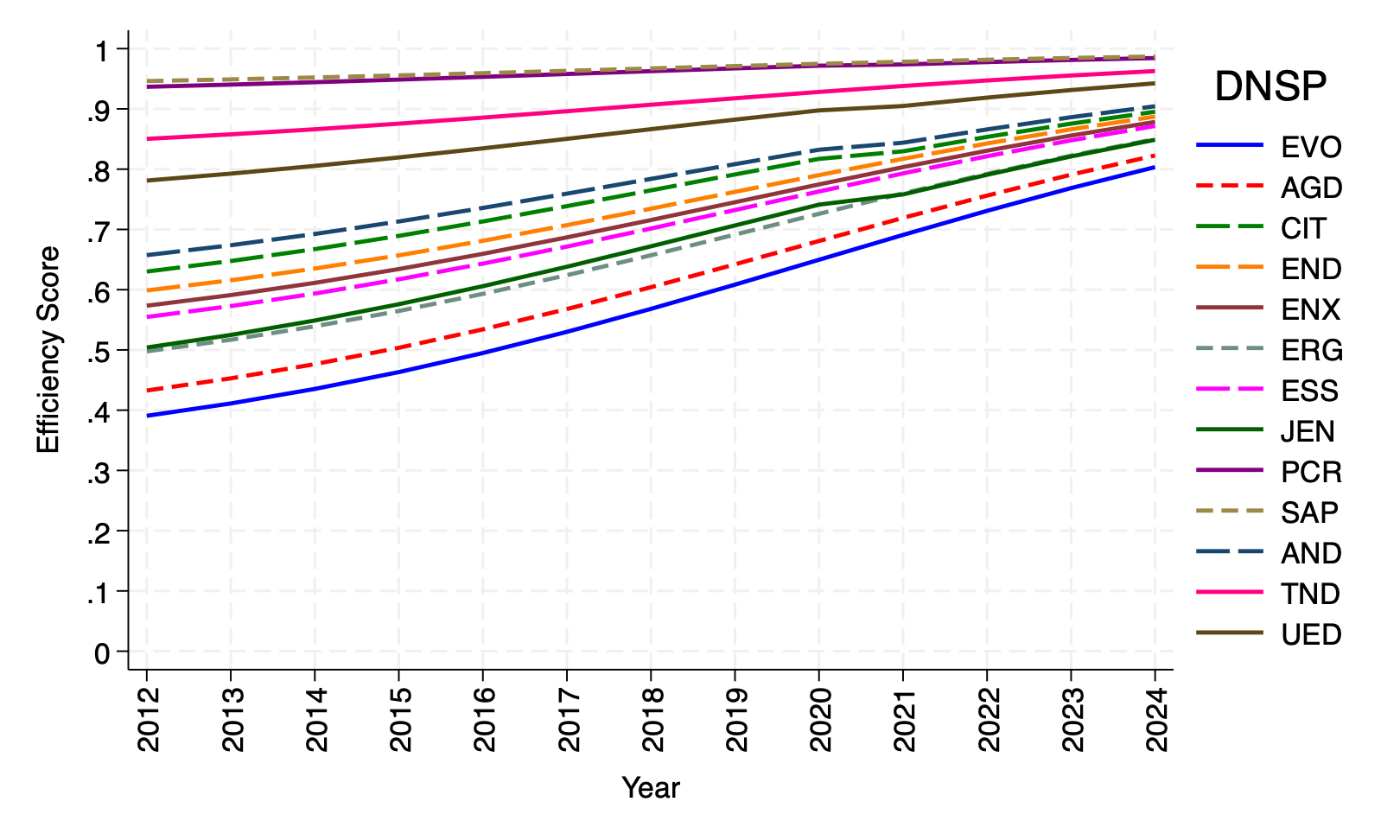
SFACD-Kumb90-JTT-HN Elasticities

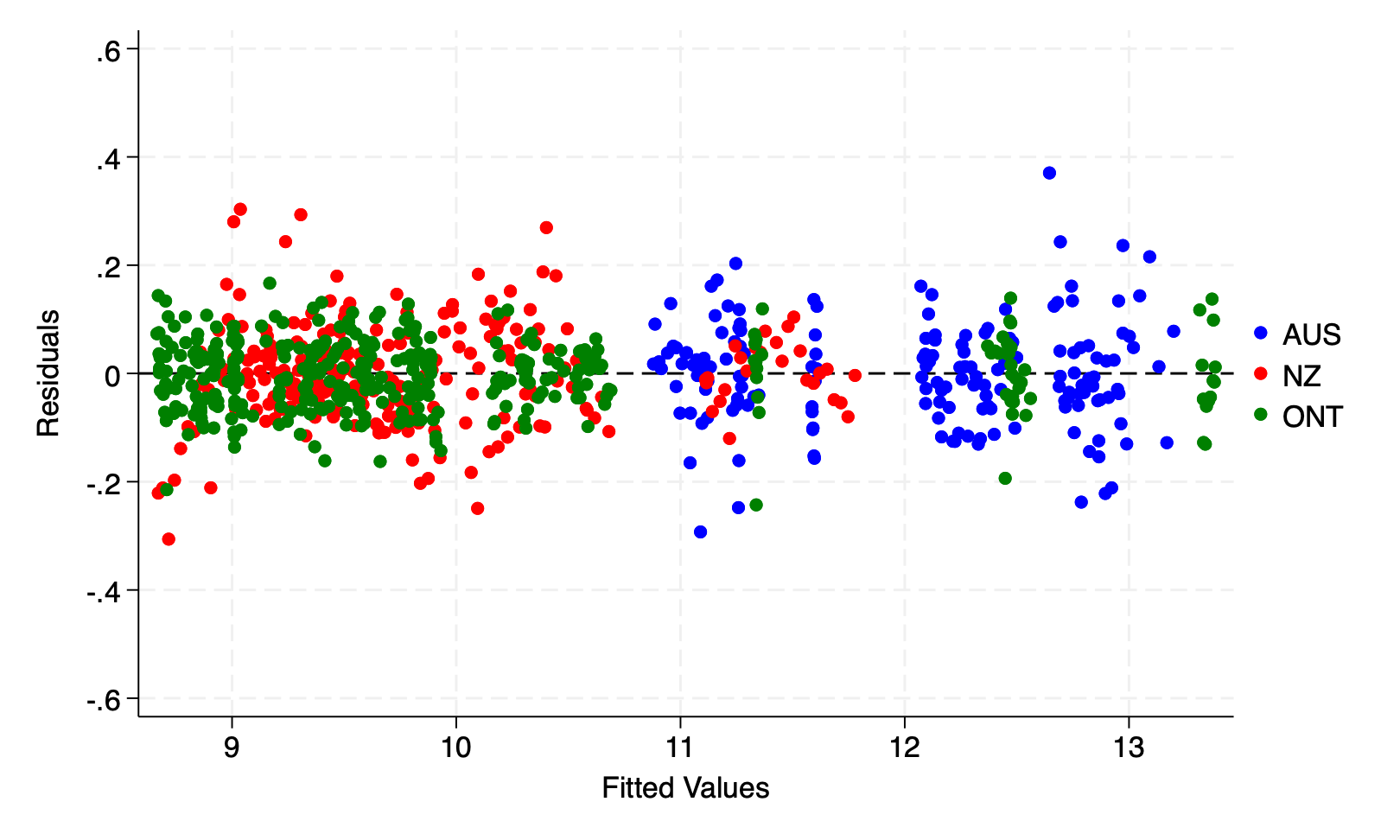
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| Country code |  |  |  |  |
| 1.Aust | 0.317 | 0.327 | 0.301 | 0.946 |
| 2.NZ | 0.317 | 0.327 | 0.301 | 0.946 |
| 3.Ontario | 0.317 | 0.327 | 0.301 | 0.946 |
| Total | 0.317 | 0.327 | 0.301 | 0.946 |

SFACD-Kumb90-JTT-HN Efficiency Scores

|  |  |
| --- | --- |
|  | Cost efficiency via E(exp(-u)|e) |
| Country code |  |
| 1.Aust | 0.764 |
| 2.NZ | 0.709 |
| 3.Ontario | 0.770 |
| Total | 0.750 |

|  |  |
| --- | --- |
|  | Cost efficiency via E(exp(-u)|e) |
| dnsp |  |
| 1 | 0.580 |
| 2 | 0.614 |
| 3 | 0.763 |
| 4 | 0.738 |
| 5 | 0.720 |
| 6 | 0.664 |
| 7 | 0.706 |
| 8 | 0.672 |
| 9 | 0.962 |
| 10 | 0.967 |
| 11 | 0.781 |
| 12 | 0.907 |
| 13 | 0.864 |
| Total | 0.764 |





SFATLG-Kumb90-JTT-HN-Elasticities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| Country code |  |  |  |  |
| 1.Aust | 0.251 | 0.360 | 0.301 | 0.912 |
| 2.NZ | 0.422 | 0.441 | 0.116 | 0.979 |
| 3.Ontario | 0.369 | 0.213 | 0.400 | 0.982 |
| Total | 0.360 | 0.315 | 0.290 | 0.966 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| dnsp |  |  |  |  |
| 1 | 0.321 | 0.268 | 0.358 | 0.947 |
| 2 | 0.185 | 0.270 | 0.430 | 0.885 |
| 3 | 0.279 | 0.169 | 0.483 | 0.932 |
| 4 | 0.207 | 0.309 | 0.390 | 0.905 |
| 5 | 0.197 | 0.326 | 0.367 | 0.890 |
| 6 | 0.216 | 0.521 | 0.185 | 0.921 |
| 7 | 0.233 | 0.560 | 0.114 | 0.907 |
| 8 | 0.319 | 0.259 | 0.341 | 0.919 |
| 9 | 0.247 | 0.456 | 0.201 | 0.904 |
| 10 | 0.228 | 0.453 | 0.226 | 0.907 |
| 11 | 0.272 | 0.422 | 0.206 | 0.900 |
| 12 | 0.292 | 0.405 | 0.243 | 0.940 |
| 13 | 0.268 | 0.260 | 0.374 | 0.902 |
| Total | 0.251 | 0.360 | 0.301 | 0.912 |

SFATLG-Kumb90-JTT-HN Efficiency Scores

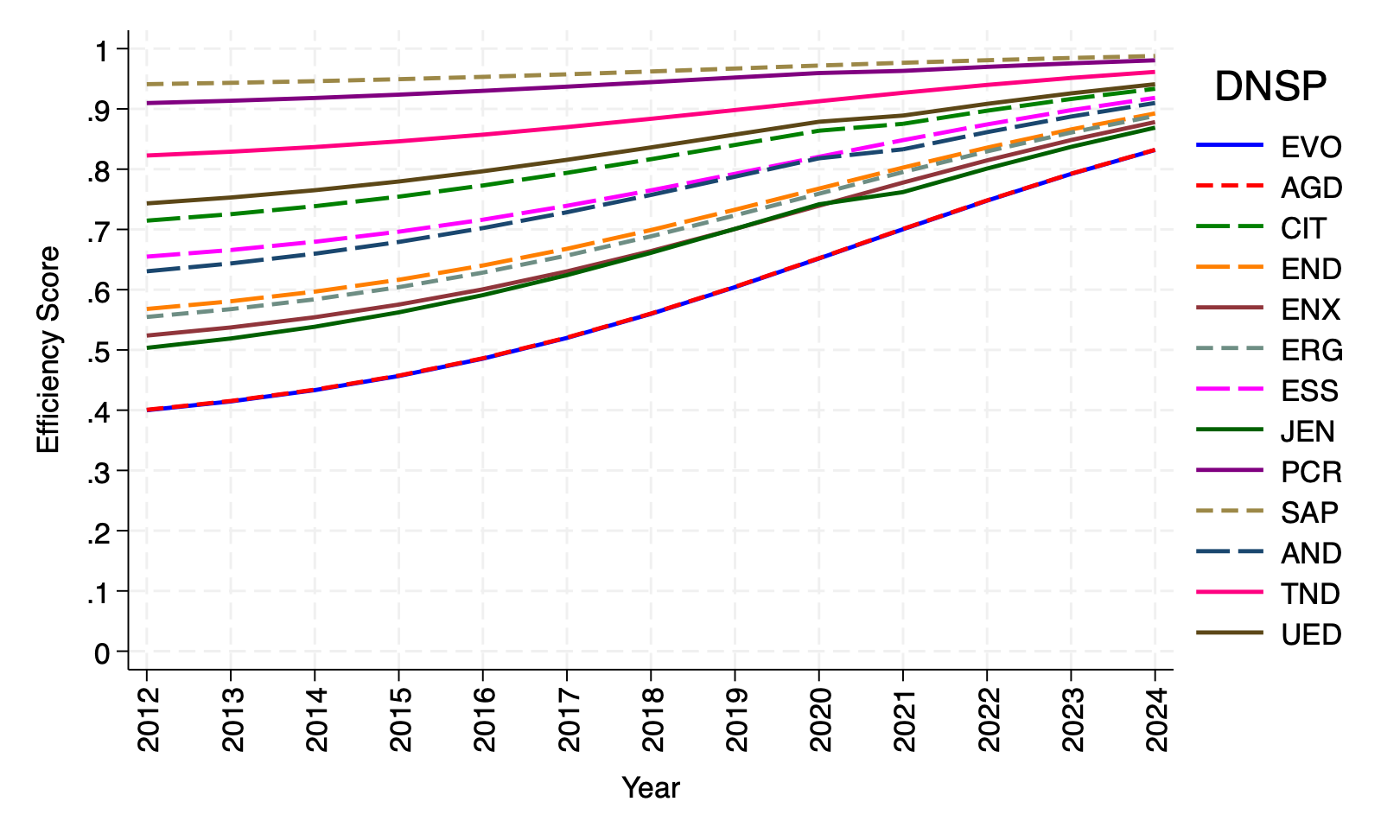
|  |  |
| --- | --- |
|  | Cost efficiency via E(exp(-u)|e) |
| dnsp |  |
| 1 | 0.584 |
| 2 | 0.585 |
| 3 | 0.819 |
| 4 | 0.713 |
| 5 | 0.680 |
| 6 | 0.703 |
| 7 | 0.774 |
| 8 | 0.670 |
| 9 | 0.944 |
| 10 | 0.963 |
| 11 | 0.761 |
| 12 | 0.887 |
| 13 | 0.838 |
| Total | 0.763 |

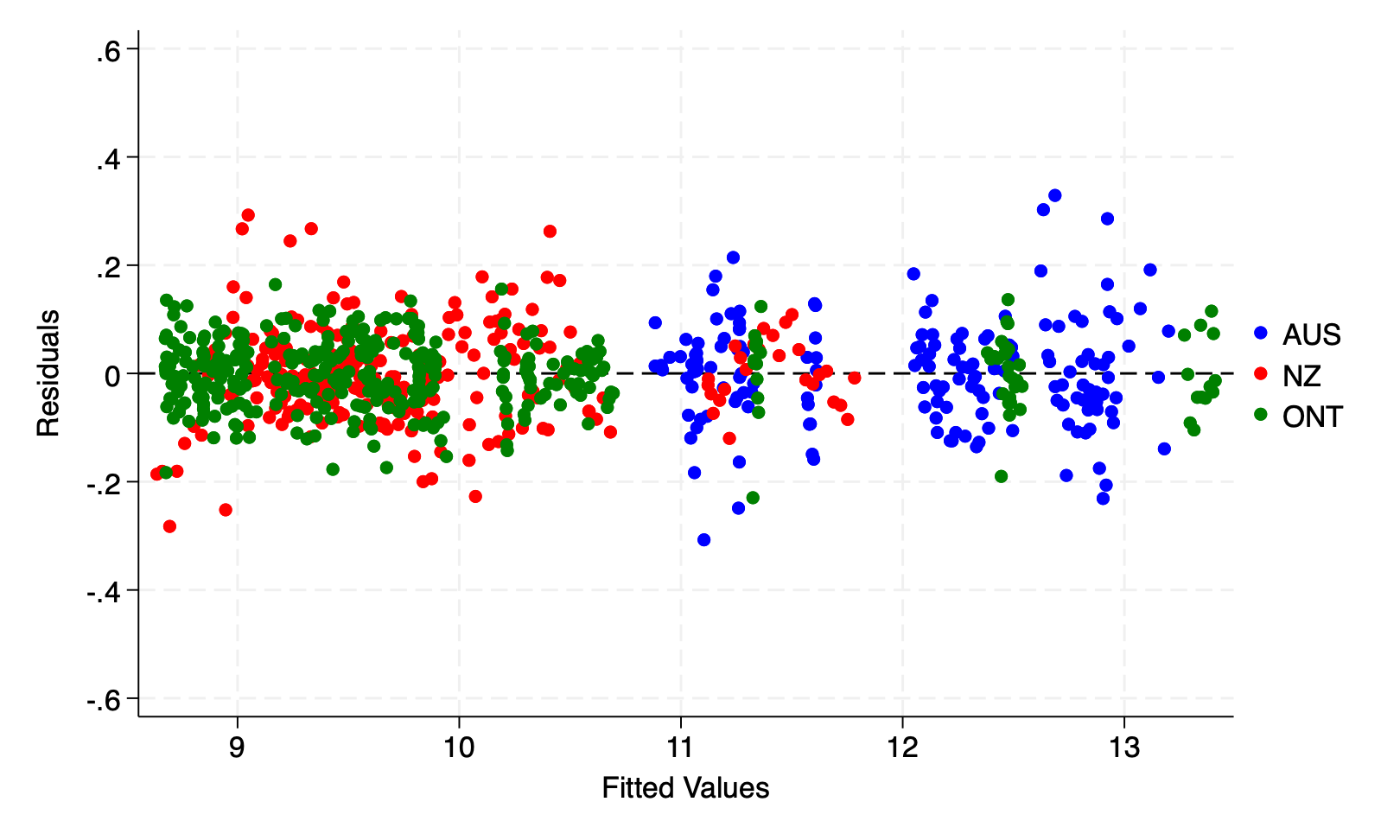
|  |  |
| --- | --- |
|  | Cost efficiency via E(exp(-u)|e) |
| Country code |  |
| 1.Aust | 0.763 |
| 2.NZ | 0.750 |
| 3.Ontario | 0.773 |
| Total | 0.764 |

SFATLG-Kumb90-JTT-HN Monotonicity Violations

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mon1 | mon2 | mon3 | montot |
| Country code |  |  |  |  |
| 1.Aust | 0.0 | 0.0 | 0.0 | 0.0 |
| 2.NZ | 0.0 | 0.0 | 10.5 | 10.5 |
| 3.Ontario | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 0.0 | 0.0 | 3.3 | 3.3 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 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 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |





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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | aely1 | aely2 | aely3 | aelY |
| Country code |  |  |  |  |
| 1.Aust | 0.360 | 0.114 | 0.054 | 0.528 |
| 2.NZ | 0.360 | 0.414 | 0.269 | 1.043 |
| 3.Ontario | 0.360 | 0.340 | 0.410 | 1.111 |
| Total | 0.360 | 0.315 | 0.290 | 0.966 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | aely1 | aely2 | aely3 | aelY |
| dnsp |  |  |  |  |
| 1 | 0.360 | 0.241 | 0.262 | 0.863 |
| 2 | 0.360 | -0.005 | 0.022 | 0.377 |
| 3 | 0.360 | 0.168 | 0.283 | 0.811 |
| 4 | 0.360 | 0.045 | 0.035 | 0.440 |
| 5 | 0.360 | 0.017 | -0.008 | 0.370 |
| 6 | 0.360 | 0.077 | -0.129 | 0.308 |
| 7 | 0.360 | 0.088 | -0.156 | 0.292 |
| 8 | 0.360 | 0.211 | 0.240 | 0.812 |
| 9 | 0.360 | 0.103 | -0.047 | 0.416 |
| 10 | 0.360 | 0.079 | -0.066 | 0.373 |
| 11 | 0.360 | 0.133 | 0.014 | 0.507 |
| 12 | 0.360 | 0.198 | 0.094 | 0.653 |
| 13 | 0.360 | 0.126 | 0.158 | 0.644 |
| Total | 0.360 | 0.114 | 0.054 | 0.528 |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mv1 | mv2 | mv3 | mvtot |
| Country code |  |  |  |  |
| 1.Aust | 0.0 | 7.7 | 38.5 | 46.2 |
| 2.NZ | 0.0 | 0.0 | 0.0 | 0.0 |
| 3.Ontario | 0.0 | 2.7 | 3.4 | 3.4 |
| Total | 0.0 | 2.9 | 9.8 | 11.5 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mv1 | mv2 | mv3 | mvtot |
| dnsp |  |  |  |  |
| 1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2 | 0.0 | 100.0 | 0.0 | 100.0 |
| 3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5 | 0.0 | 0.0 | 100.0 | 100.0 |
| 6 | 0.0 | 0.0 | 100.0 | 100.0 |
| 7 | 0.0 | 0.0 | 100.0 | 100.0 |
| 8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9 | 0.0 | 0.0 | 100.0 | 100.0 |
| 10 | 0.0 | 0.0 | 100.0 | 100.0 |
| 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 | 0.0 | 7.7 | 38.5 | 46.2 |