SFA-Kumb90-JTT-HN - long period

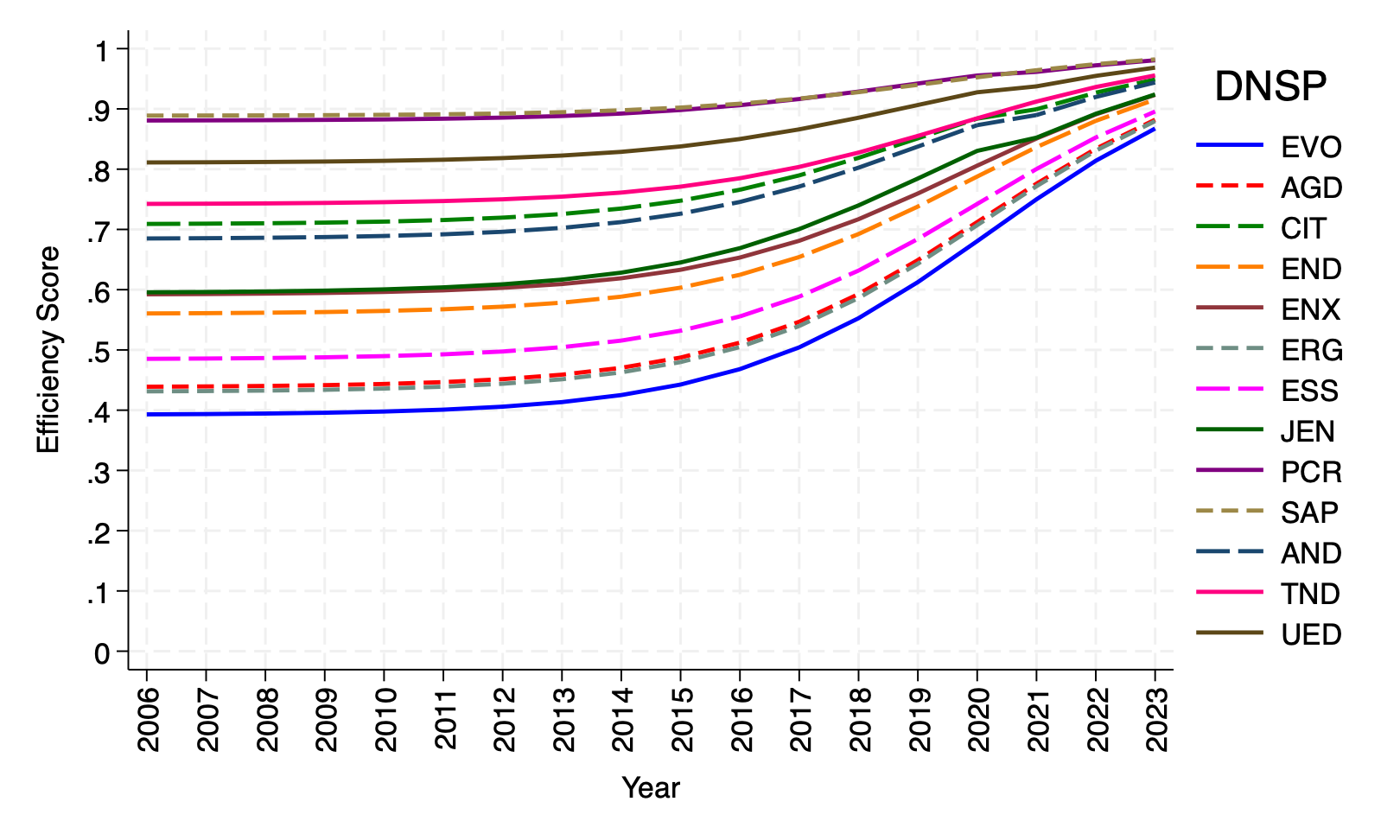
SFACD-Kumb90-JTT-HN Elasticities

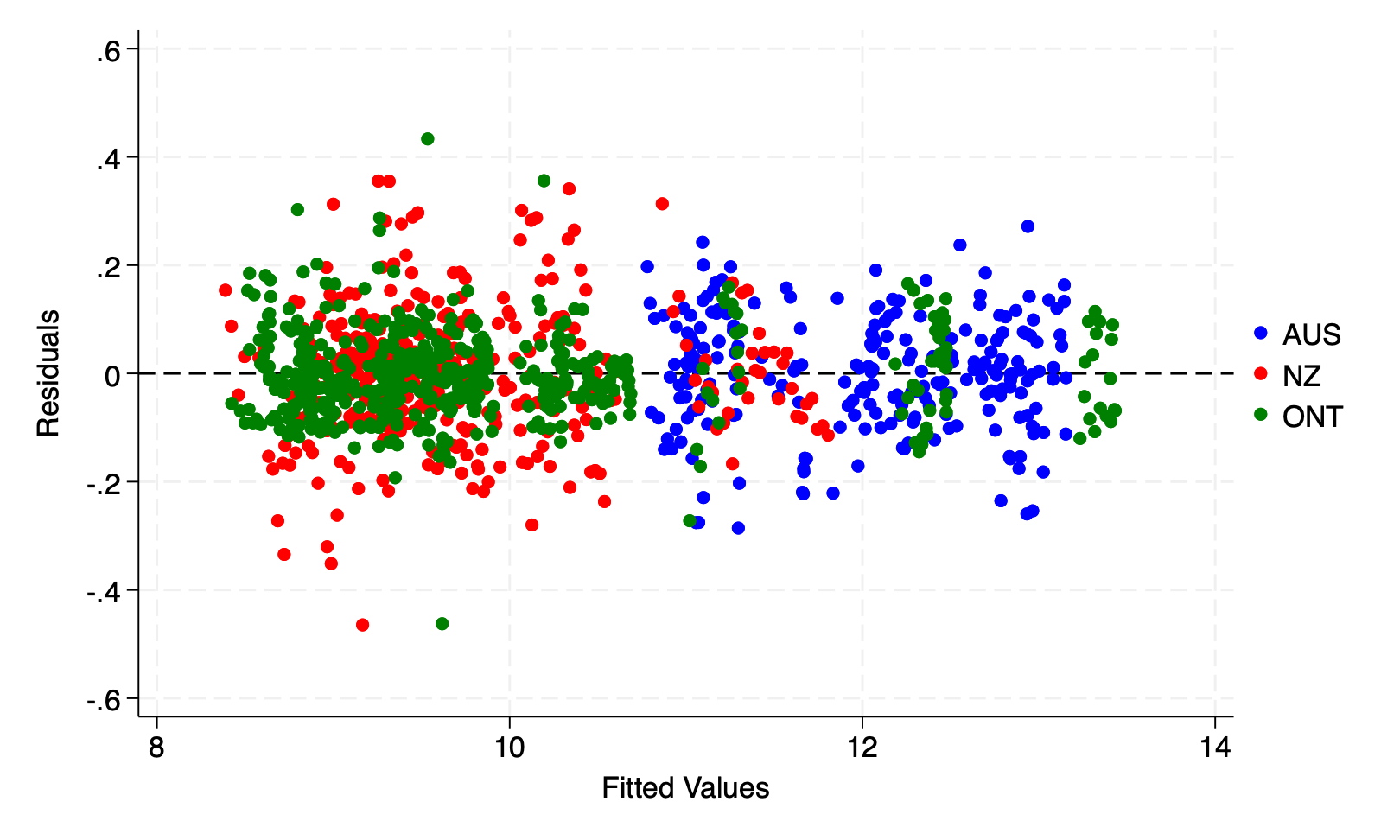
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| Country code |  |  |  |  |
| 1.Aust | 0.469 | 0.213 | 0.292 | 0.974 |
| 2.NZ | 0.469 | 0.213 | 0.292 | 0.974 |
| 3.Ontario | 0.469 | 0.213 | 0.292 | 0.974 |
| Total | 0.469 | 0.213 | 0.292 | 0.974 |

SFACD-Kumb90-JTT-HN Efficiency Scores

|  |  |
| --- | --- |
|  | Cost efficiency via E(exp(-u)|e) |
| Country code |  |
| 1.Aust | 0.715 |
| 2.NZ | 0.767 |
| 3.Ontario | 0.753 |
| Total | 0.749 |

|  |  |
| --- | --- |
|  | Cost efficiency via E(exp(-u)|e) |
| dnsp |  |
| 1 | 0.517 |
| 2 | 0.557 |
| 3 | 0.782 |
| 4 | 0.658 |
| 5 | 0.684 |
| 6 | 0.550 |
| 7 | 0.596 |
| 8 | 0.694 |
| 9 | 0.912 |
| 10 | 0.916 |
| 11 | 0.764 |
| 12 | 0.803 |
| 13 | 0.860 |
| Total | 0.715 |





SFATLG-Kumb90-JTT-HN-Elasticities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| Country code |  |  |  |  |
| 1.Aust | 0.454 | 0.266 | 0.230 | 0.950 |
| 2.NZ | 0.449 | 0.287 | 0.283 | 1.019 |
| 3.Ontario | 0.528 | 0.162 | 0.293 | 0.983 |
| Total | 0.487 | 0.223 | 0.276 | 0.987 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| dnsp |  |  |  |  |
| 1 | 0.557 | 0.186 | 0.225 | 0.967 |
| 2 | 0.543 | 0.203 | 0.168 | 0.914 |
| 3 | 0.641 | 0.116 | 0.183 | 0.940 |
| 4 | 0.426 | 0.255 | 0.252 | 0.933 |
| 5 | 0.483 | 0.247 | 0.197 | 0.926 |
| 6 | 0.082 | 0.462 | 0.424 | 0.968 |
| 7 | 0.204 | 0.440 | 0.325 | 0.969 |
| 8 | 0.739 | 0.121 | 0.091 | 0.951 |
| 9 | 0.372 | 0.337 | 0.249 | 0.957 |
| 10 | 0.304 | 0.359 | 0.292 | 0.955 |
| 11 | 0.521 | 0.271 | 0.164 | 0.955 |
| 12 | 0.333 | 0.320 | 0.322 | 0.974 |
| 13 | 0.699 | 0.140 | 0.096 | 0.935 |
| Total | 0.454 | 0.266 | 0.230 | 0.950 |

SFATLG-Kumb90-JTT-HN Efficiency Scores

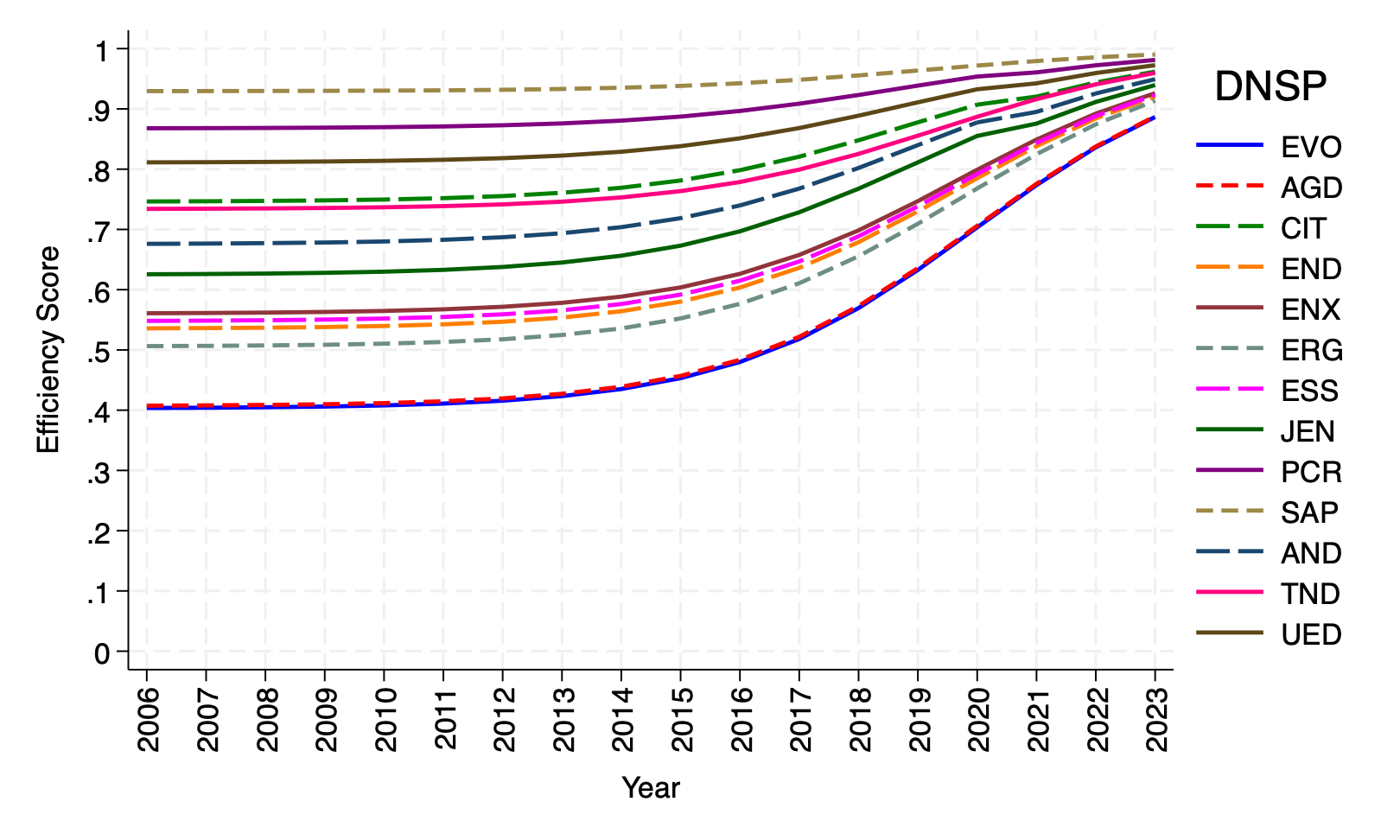
|  |  |
| --- | --- |
|  | Cost efficiency via E(exp(-u)|e) |
| dnsp |  |
| 1 | 0.531 |
| 2 | 0.535 |
| 3 | 0.813 |
| 4 | 0.642 |
| 5 | 0.662 |
| 6 | 0.618 |
| 7 | 0.652 |
| 8 | 0.720 |
| 9 | 0.904 |
| 10 | 0.948 |
| 11 | 0.760 |
| 12 | 0.799 |
| 13 | 0.862 |
| Total | 0.726 |

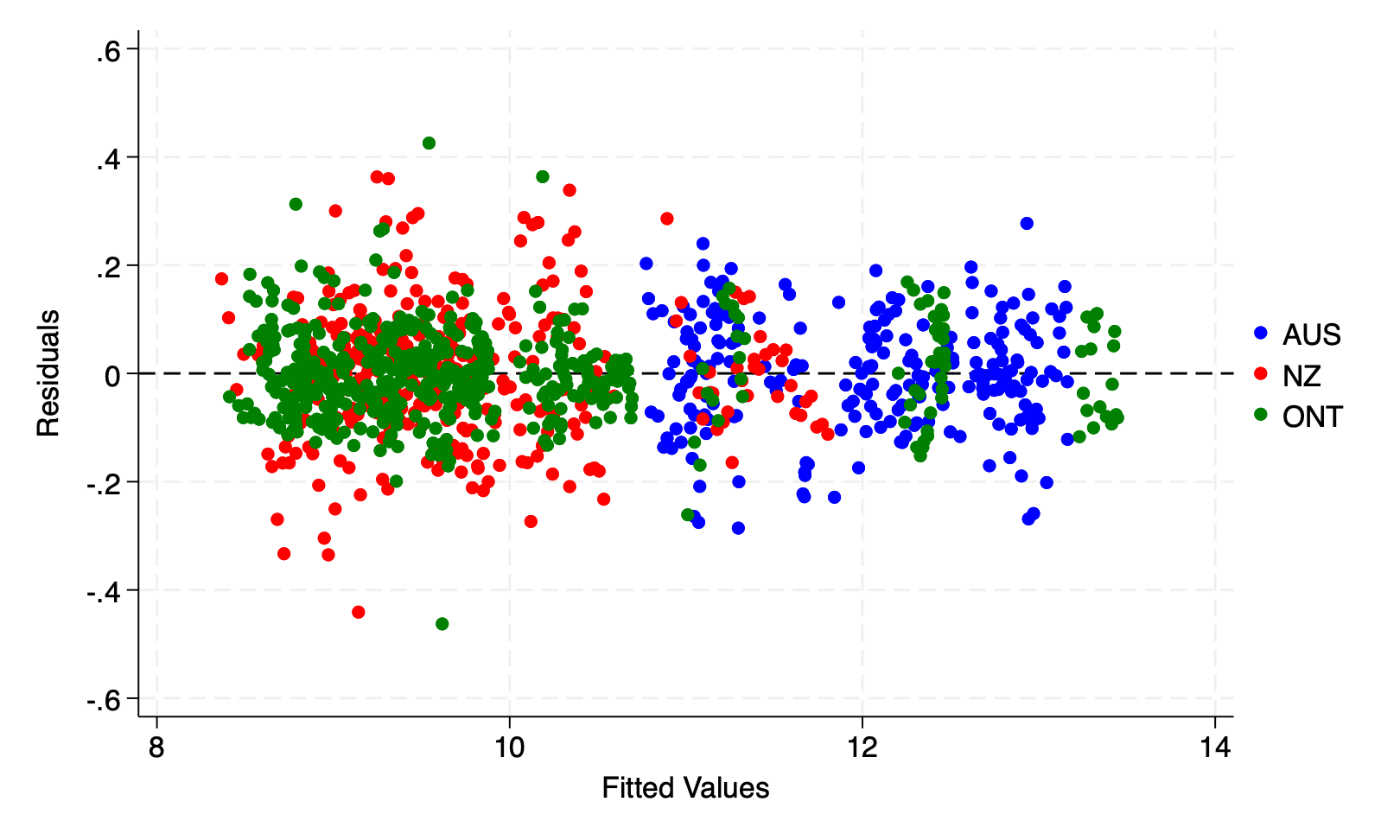
|  |  |
| --- | --- |
|  | Cost efficiency via E(exp(-u)|e) |
| Country code |  |
| 1.Aust | 0.726 |
| 2.NZ | 0.762 |
| 3.Ontario | 0.740 |
| Total | 0.744 |

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 | 0.0 | 0.0 |
| 3.Ontario | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 0.0 | 0.0 | 0.0 | 0.0 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 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 | 0.092 | 0.107 | 0.276 | 0.475 |
| 2.NZ | 0.450 | 0.367 | 0.276 | 1.094 |
| 3.Ontario | 0.689 | 0.181 | 0.276 | 1.146 |
| Total | 0.487 | 0.223 | 0.276 | 0.987 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | aely1 | aely2 | aely3 | aelY |
| dnsp |  |  |  |  |
| 1 | 0.445 | 0.133 | 0.276 | 0.854 |
| 2 | 0.038 | -0.052 | 0.276 | 0.262 |
| 3 | 0.478 | -0.001 | 0.276 | 0.753 |
| 4 | 0.064 | 0.042 | 0.276 | 0.382 |
| 5 | -0.009 | 0.012 | 0.276 | 0.279 |
| 6 | -0.220 | 0.273 | 0.276 | 0.329 |
| 7 | -0.265 | 0.262 | 0.276 | 0.273 |
| 8 | 0.407 | 0.039 | 0.276 | 0.722 |
| 9 | -0.079 | 0.170 | 0.276 | 0.367 |
| 10 | -0.112 | 0.171 | 0.276 | 0.335 |
| 11 | 0.023 | 0.128 | 0.276 | 0.427 |
| 12 | 0.158 | 0.225 | 0.276 | 0.660 |
| 13 | 0.264 | -0.010 | 0.276 | 0.531 |
| Total | 0.092 | 0.107 | 0.276 | 0.475 |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mv1 | mv2 | mv3 | mvtot |
| Country code |  |  |  |  |
| 1.Aust | 36.8 | 19.2 | 0.0 | 55.1 |
| 2.NZ | 0.0 | 0.0 | 0.0 | 0.0 |
| 3.Ontario | 3.4 | 6.9 | 0.0 | 10.3 |
| Total | 9.5 | 7.4 | 0.0 | 16.7 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 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 | 44.4 | 0.0 | 44.4 |
| 4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5 | 77.8 | 11.1 | 0.0 | 77.8 |
| 6 | 100.0 | 0.0 | 0.0 | 100.0 |
| 7 | 100.0 | 0.0 | 0.0 | 100.0 |
| 8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9 | 100.0 | 0.0 | 0.0 | 100.0 |
| 10 | 100.0 | 0.0 | 0.0 | 100.0 |
| 11 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13 | 0.0 | 94.4 | 0.0 | 94.4 |
| Total | 36.8 | 19.2 | 0.0 | 55.1 |