SFA-Kumb90-JTT-HN - long period

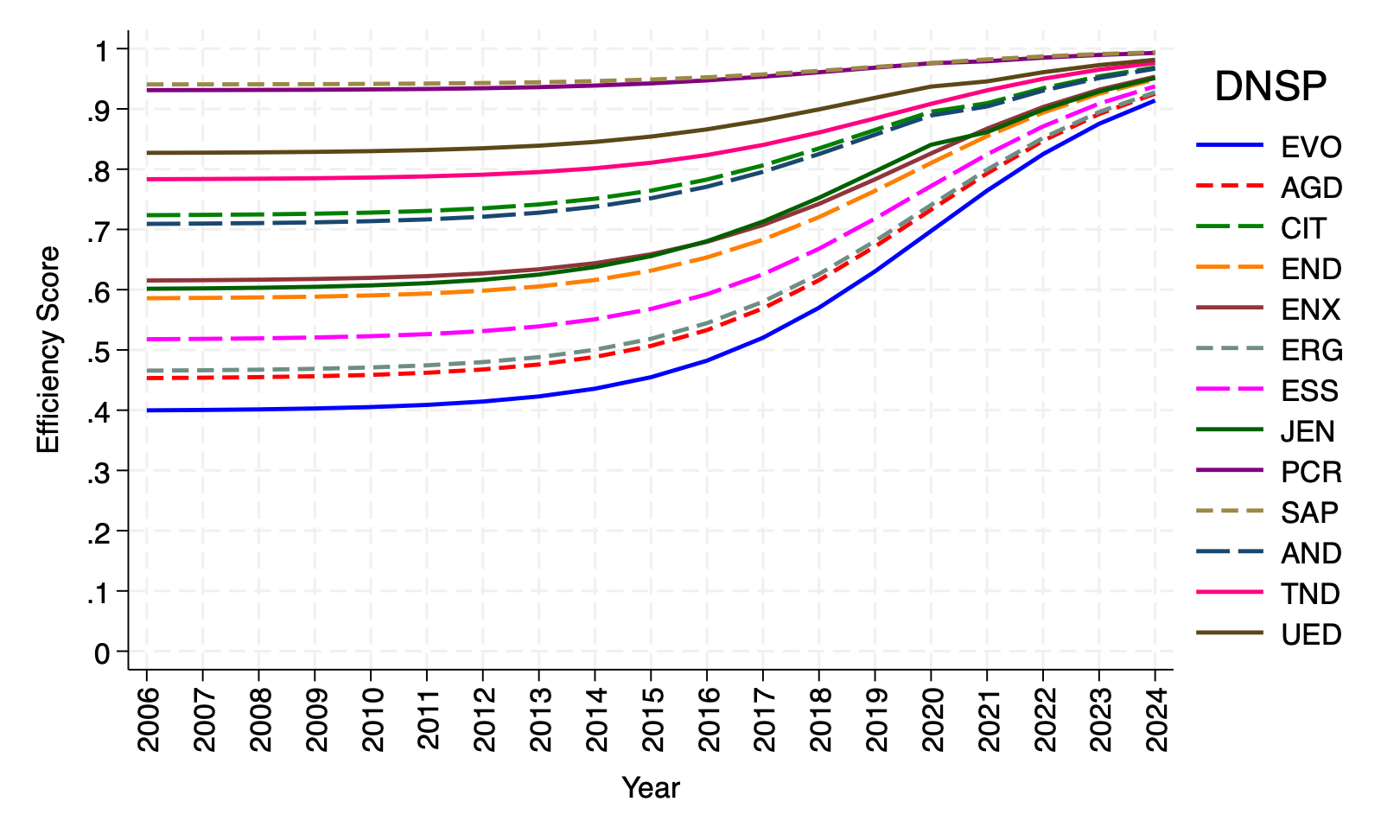
SFACD-Kumb90-JTT-HN Elasticities

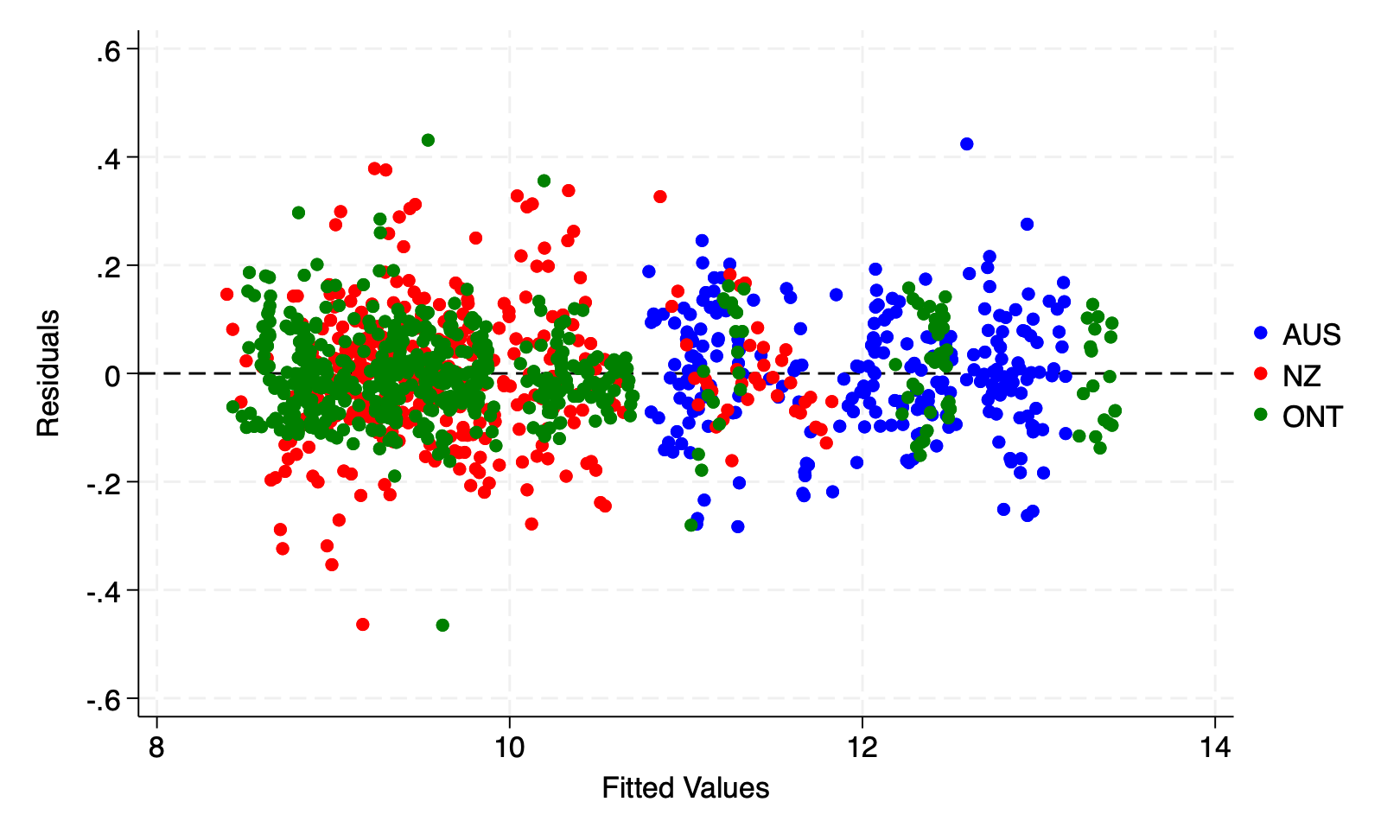
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| Country code |  |  |  |  |
| 1.Aust | 0.417 | 0.228 | 0.334 | 0.980 |
| 2.NZ | 0.417 | 0.228 | 0.334 | 0.980 |
| 3.Ontario | 0.417 | 0.228 | 0.334 | 0.980 |
| Total | 0.417 | 0.228 | 0.334 | 0.980 |

SFACD-Kumb90-JTT-HN Efficiency Scores

|  |  |
| --- | --- |
|  | Cost efficiency via E(exp(-u)|e) |
| Country code |  |
| 1.Aust | 0.750 |
| 2.NZ | 0.762 |
| 3.Ontario | 0.759 |
| Total | 0.758 |

|  |  |
| --- | --- |
|  | Cost efficiency via E(exp(-u)|e) |
| dnsp |  |
| 1 | 0.549 |
| 2 | 0.592 |
| 3 | 0.805 |
| 4 | 0.697 |
| 5 | 0.719 |
| 6 | 0.602 |
| 7 | 0.644 |
| 8 | 0.715 |
| 9 | 0.952 |
| 10 | 0.958 |
| 11 | 0.795 |
| 12 | 0.845 |
| 13 | 0.879 |
| Total | 0.750 |





SFATLG-Kumb90-JTT-HN-Elasticities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| Country code |  |  |  |  |
| 1.Aust | 0.411 | 0.277 | 0.274 | 0.961 |
| 2.NZ | 0.421 | 0.292 | 0.315 | 1.027 |
| 3.Ontario | 0.526 | 0.155 | 0.307 | 0.988 |
| Total | 0.469 | 0.223 | 0.302 | 0.994 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| dnsp |  |  |  |  |
| 1 | 0.523 | 0.187 | 0.263 | 0.974 |
| 2 | 0.488 | 0.214 | 0.222 | 0.925 |
| 3 | 0.606 | 0.115 | 0.224 | 0.945 |
| 4 | 0.392 | 0.265 | 0.287 | 0.945 |
| 5 | 0.430 | 0.260 | 0.248 | 0.938 |
| 6 | 0.076 | 0.478 | 0.434 | 0.988 |
| 7 | 0.164 | 0.462 | 0.362 | 0.987 |
| 8 | 0.670 | 0.127 | 0.158 | 0.955 |
| 9 | 0.324 | 0.353 | 0.294 | 0.971 |
| 10 | 0.267 | 0.375 | 0.328 | 0.970 |
| 11 | 0.453 | 0.287 | 0.226 | 0.966 |
| 12 | 0.314 | 0.328 | 0.345 | 0.987 |
| 13 | 0.629 | 0.149 | 0.164 | 0.941 |
| Total | 0.411 | 0.277 | 0.274 | 0.961 |

SFATLG-Kumb90-JTT-HN Efficiency Scores

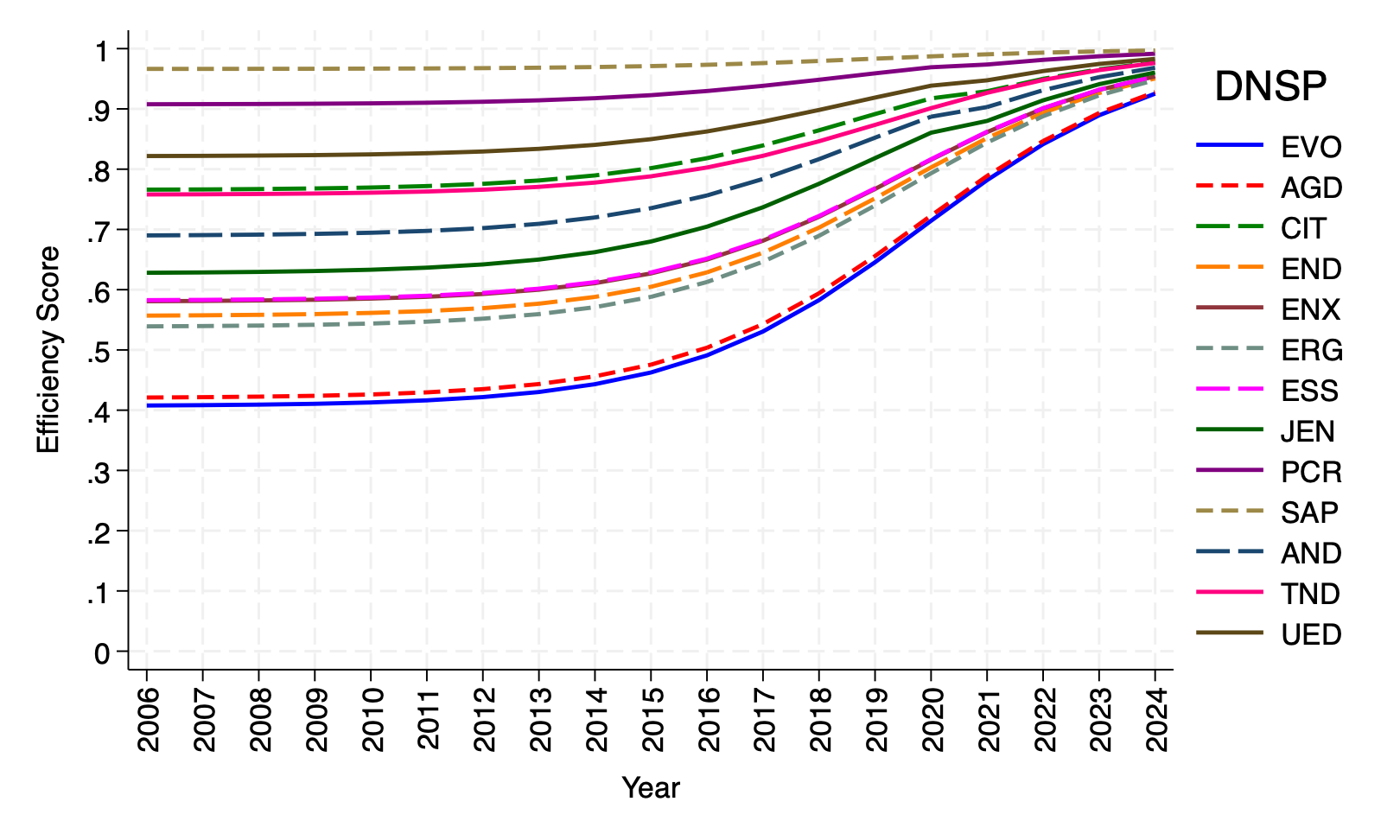
|  |  |
| --- | --- |
|  | Cost efficiency via E(exp(-u)|e) |
| dnsp |  |
| 1 | 0.559 |
| 2 | 0.570 |
| 3 | 0.837 |
| 4 | 0.677 |
| 5 | 0.695 |
| 6 | 0.663 |
| 7 | 0.697 |
| 8 | 0.738 |
| 9 | 0.937 |
| 10 | 0.976 |
| 11 | 0.783 |
| 12 | 0.828 |
| 13 | 0.877 |
| Total | 0.757 |

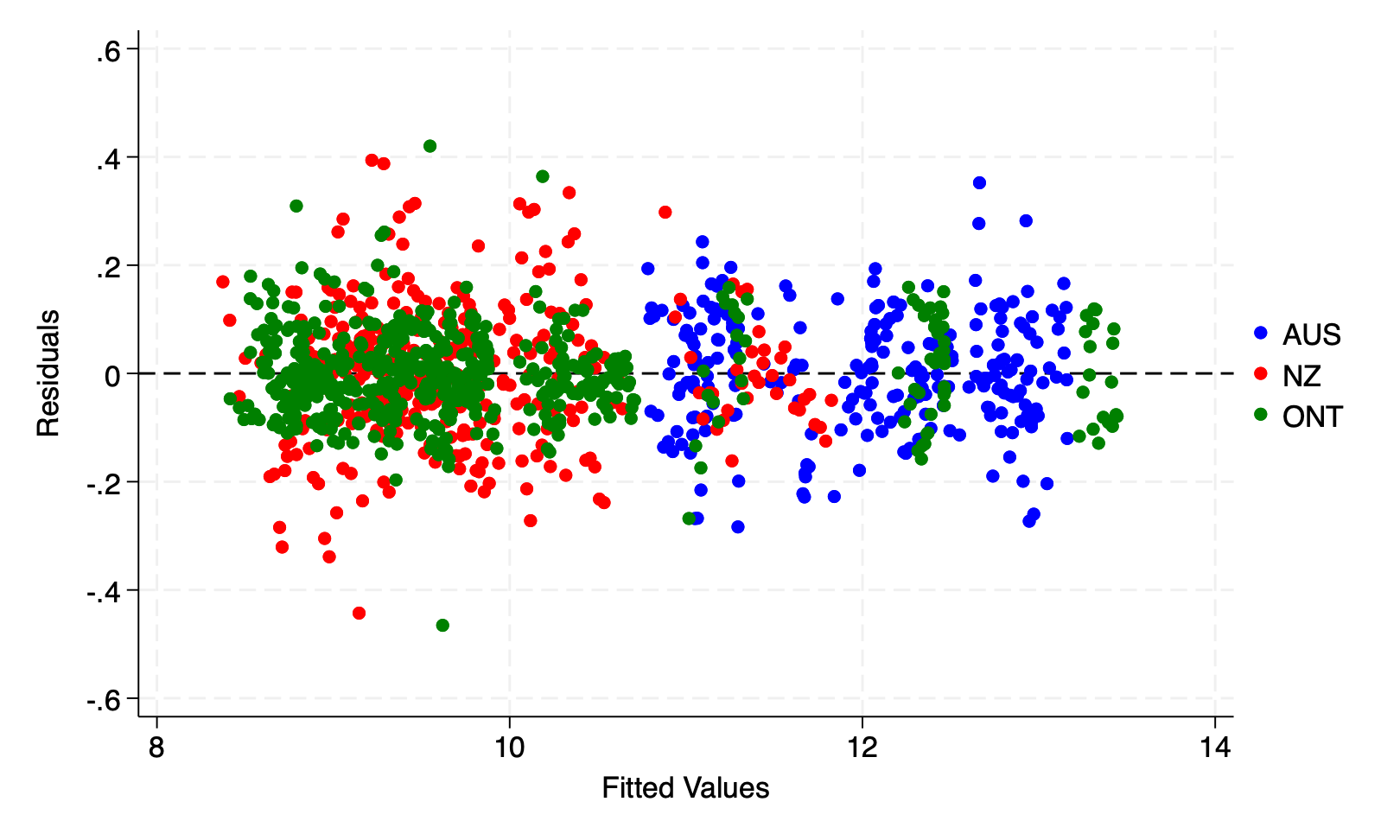
|  |  |
| --- | --- |
|  | Cost efficiency via E(exp(-u)|e) |
| Country code |  |
| 1.Aust | 0.757 |
| 2.NZ | 0.755 |
| 3.Ontario | 0.744 |
| Total | 0.750 |

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 | 0.098 | 0.140 | 0.302 | 0.540 |
| 2.NZ | 0.434 | 0.361 | 0.302 | 1.097 |
| 3.Ontario | 0.657 | 0.171 | 0.302 | 1.131 |
| Total | 0.469 | 0.223 | 0.302 | 0.994 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | aely1 | aely2 | aely3 | aelY |
| dnsp |  |  |  |  |
| 1 | 0.428 | 0.141 | 0.302 | 0.872 |
| 2 | 0.048 | -0.005 | 0.302 | 0.345 |
| 3 | 0.460 | 0.014 | 0.302 | 0.776 |
| 4 | 0.071 | 0.081 | 0.302 | 0.454 |
| 5 | 0.003 | 0.058 | 0.302 | 0.363 |
| 6 | -0.194 | 0.316 | 0.302 | 0.424 |
| 7 | -0.236 | 0.309 | 0.302 | 0.375 |
| 8 | 0.393 | 0.056 | 0.302 | 0.751 |
| 9 | -0.062 | 0.209 | 0.302 | 0.449 |
| 10 | -0.093 | 0.213 | 0.302 | 0.423 |
| 11 | 0.034 | 0.163 | 0.302 | 0.500 |
| 12 | 0.160 | 0.246 | 0.302 | 0.709 |
| 13 | 0.260 | 0.020 | 0.302 | 0.582 |
| Total | 0.098 | 0.140 | 0.302 | 0.540 |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mv1 | mv2 | mv3 | mvtot |
| Country code |  |  |  |  |
| 1.Aust | 34.4 | 6.5 | 0.0 | 40.9 |
| 2.NZ | 0.0 | 0.0 | 0.0 | 0.0 |
| 3.Ontario | 3.4 | 4.7 | 0.0 | 8.2 |
| Total | 9.0 | 3.6 | 0.0 | 12.6 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mv1 | mv2 | mv3 | mvtot |
| dnsp |  |  |  |  |
| 1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2 | 0.0 | 84.2 | 0.0 | 84.2 |
| 3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5 | 47.4 | 0.0 | 0.0 | 47.4 |
| 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 | 0.0 | 0.0 | 0.0 |
| Total | 34.4 | 6.5 | 0.0 | 40.9 |