DNSP 2025 Opex Cost Function - long period

SFACD long Efficiency Scores

|  |  |  |  |
| --- | --- | --- | --- |
|  | eff | eff\_lb | eff\_ub |
| Country code |  |  |  |
| 1.Aust | .7732913 | .7313038 | .8231376 |
| 2.NZ | .7373976 | .6975425 | .786071 |
| 3.Ontario | .8191337 | .7740614 | .8712121 |
| Total | .7839052 | .7411154 | .8344473 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | eff | eff\_lb | eff\_ub |
| dnsp |  |  |  |
| 1 | .5525067 | .5214435 | .5859388 |
| 2 | .6367905 | .6009886 | .6753224 |
| 3 | .9440911 | .892573 | 1.003811 |
| 4 | .7480139 | .7059588 | .793276 |
| 5 | .7223427 | .6817309 | .7660514 |
| 6 | .5830846 | .5503023 | .6183668 |
| 7 | .6020905 | .5682396 | .6385228 |
| 8 | .7441742 | .702335 | .7892039 |
| 9 | .9645532 | .916961 | 1.03595 |
| 10 | .929823 | .8780122 | .986811 |
| 11 | .7490619 | .7069479 | .7943874 |
| 12 | .9042624 | .8534518 | .959021 |
| 13 | .9719919 | .9280046 | 1.054126 |
| Total | .7732913 | .7313038 | .8231376 |

SFACD long Elasticities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| Country code |  |  |  |  |
| 1.Aust | 0.242 | 0.135 | 0.589 | 0.966 |
| 2.NZ | 0.242 | 0.135 | 0.589 | 0.966 |
| 3.Ontario | 0.242 | 0.135 | 0.589 | 0.966 |
| Total | 0.242 | 0.135 | 0.589 | 0.966 |

SFATLG long Efficiency Scores

|  |  |  |  |
| --- | --- | --- | --- |
|  | eff | eff\_lb | eff\_ub |
| Country code |  |  |  |
| 1.Aust | .6980202 | .6612873 | .7402542 |
| 2.NZ | .6831803 | .6473074 | .7246383 |
| 3.Ontario | .7784348 | .7370908 | .8247237 |
| Total | .7316278 | .6929706 | .7755479 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | eff | eff\_lb | eff\_ub |
| dnsp |  |  |  |
| 1 | .5641532 | .533718 | .5968087 |
| 2 | .2843126 | .2689744 | .3007697 |
| 3 | .7393914 | .6995023 | .7821903 |
| 4 | .4753319 | .4496885 | .502846 |
| 5 | .4153443 | .3929371 | .4393861 |
| 6 | .7611009 | .7200407 | .8051565 |
| 7 | .7679822 | .7265507 | .812436 |
| 8 | .7403138 | .700375 | .7831661 |
| 9 | .9580699 | .9100534 | 1.020122 |
| 10 | .9073953 | .8584684 | .9599558 |
| 11 | .7342544 | .6946424 | .7767559 |
| 12 | .9699677 | .9259589 | 1.043269 |
| 13 | .756645 | .7158251 | .8004426 |
| Total | .6980202 | .6612873 | .7402542 |

SFATLG long Elasticities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| Country code |  |  |  |  |
| 1.Aust | 0.083 | 0.388 | 0.194 | 0.665 |
| 2.NZ | 0.398 | 0.101 | 0.696 | 1.196 |
| 3.Ontario | 0.250 | 0.124 | 0.532 | 0.906 |
| Total | 0.261 | 0.173 | 0.511 | 0.945 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| dnsp |  |  |  |  |
| 1 | 0.287 | 0.209 | 0.298 | 0.795 |
| 2 | 0.063 | 0.461 | -0.129 | 0.395 |
| 3 | 0.283 | 0.242 | 0.057 | 0.582 |
| 4 | -0.080 | 0.462 | 0.145 | 0.528 |
| 5 | 0.024 | 0.467 | -0.006 | 0.485 |
| 6 | -0.492 | 0.593 | 0.692 | 0.792 |
| 7 | -0.208 | 0.533 | 0.489 | 0.814 |
| 8 | 0.600 | 0.166 | -0.078 | 0.687 |
| 9 | 0.022 | 0.440 | 0.267 | 0.729 |
| 10 | -0.137 | 0.493 | 0.345 | 0.701 |
| 11 | 0.293 | 0.346 | 0.082 | 0.721 |
| 12 | -0.039 | 0.362 | 0.525 | 0.847 |
| 13 | 0.459 | 0.266 | -0.161 | 0.564 |
| Total | 0.083 | 0.388 | 0.194 | 0.665 |

SFATLG long Monotonicity Violations

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mon1 | mon2 | mon3 | montot |
| Country code |  |  |  |  |
| 1.Aust | 0.417 | 0.000 | 0.267 | 0.684 |
| 2.NZ | 0.091 | 0.233 | 0.000 | 0.324 |
| 3.Ontario | 0.138 | 0.198 | 0.000 | 0.336 |
| Total | 0.183 | 0.167 | 0.057 | 0.406 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mon1 | mon2 | mon3 | montot |
| dnsp |  |  |  |  |
| 1 | 0.000 | 0.000 | 0.000 | 0.000 |
| 2 | 0.000 | 0.000 | 1.000 | 1.000 |
| 3 | 0.000 | 0.000 | 0.000 | 0.000 |
| 4 | 0.895 | 0.000 | 0.000 | 0.895 |
| 5 | 0.316 | 0.000 | 0.526 | 0.842 |
| 6 | 1.000 | 0.000 | 0.000 | 1.000 |
| 7 | 1.000 | 0.000 | 0.000 | 1.000 |
| 8 | 0.000 | 0.000 | 0.895 | 0.895 |
| 9 | 0.421 | 0.000 | 0.000 | 0.421 |
| 10 | 1.000 | 0.000 | 0.000 | 1.000 |
| 11 | 0.000 | 0.000 | 0.053 | 0.053 |
| 12 | 0.789 | 0.000 | 0.000 | 0.789 |
| 13 | 0.000 | 0.000 | 1.000 | 1.000 |
| Total | 0.417 | 0.000 | 0.267 | 0.684 |