Time Varying SFA-4Comp-short

SFACD-4Comp-short Elasticities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| Country code |  |  |  |  |
| 1.Aust | 0.171 | 0.244 | 0.528 | 0.943 |
| 2.NZ | 0.171 | 0.244 | 0.528 | 0.943 |
| 3.Ontario | 0.171 | 0.244 | 0.528 | 0.943 |
| Total | 0.171 | 0.244 | 0.528 | 0.943 |

SFACD-4Comp-short Efficiency Scores

|  |  |
| --- | --- |
|  | technical efficiency via E[exp(-su)|e] |
| dnsp |  |
| 1 | .9986711 |
| 2 | .9986707 |
| 3 | .9986701 |
| 4 | .9986704 |
| 5 | .9986706 |
| 6 | .998671 |
| 7 | .9986708 |
| 8 | .9986707 |
| 9 | .9986698 |
| 10 | .9986698 |
| 11 | .9986706 |
| 12 | .9986698 |
| 13 | .9986698 |
| Total | .9986704 |

|  |  |
| --- | --- |
|  | technical efficiency via E[exp(-su)|e] |
| dnsp |  |
| 1 | .9986215 |
| 2 | .9986177 |
| 3 | .9986072 |
| 4 | .9986112 |
| 5 | .9986137 |
| 6 | .9986182 |
| 7 | .998617 |
| 8 | .998616 |
| 9 | .9986035 |
| 10 | .9986039 |
| 11 | .9986132 |
| 12 | .9986048 |
| 13 | .9986045 |
| Total | .9986117 |

|  |  |
| --- | --- |
|  | technical efficiency via E[exp(-su)|e] |
| Country code |  |
| 1.Aust | .9986704 |
| 2.NZ | .9986703 |
| 3.Ontario | .9986706 |
| Total | .9986704 |

|  |  |
| --- | --- |
|  | technical efficiency via E[exp(-su)|e] |
| Country code |  |
| 1.Aust | .9986117 |
| 2.NZ | .9986106 |
| 3.Ontario | .9986131 |
| Total | .998612 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Reporting year | | | | | | | | | | | | |
|  | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
| dnsp |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | .9986902 | .9986948 | .9987029 | .9986971 | .9986542 | .9986603 | .9986708 | .9986668 | .9986615 | .998654 | .9986566 | .9986438 | .9986711 |
| 2 | .9987006 | .9986805 | .9986888 | .9987016 | .9986916 | .9986811 | .9986677 | .9986627 | .9986516 | .9986459 | .9986342 | .9986423 | .9986707 |
| 3 | .9986798 | .9986771 | .9986803 | .9986767 | .9986762 | .9986727 | .9986623 | .9986695 | .9986656 | .9986569 | .9986593 | .9986642 | .9986701 |
| 4 | .9986842 | .9986719 | .9986837 | .9986824 | .9986848 | .9986734 | .9986672 | .9986683 | .998656 | .9986582 | .9986569 | .9986571 | .9986704 |
| 5 | .9986786 | .9986834 | .998677 | .9986811 | .9986715 | .9986688 | .9986695 | .998664 | .99866 | .9986616 | .9986628 | .9986688 | .9986706 |
| 6 | .9986914 | .9986743 | .9986748 | .9986817 | .9986782 | .9986685 | .9986681 | .9986694 | .9986733 | .9986535 | .9986539 | .9986643 | .998671 |
| 7 | .9987076 | .9986974 | .9986877 | .9986767 | .9986586 | .998655 | .9986579 | .9986672 | .9986636 | .9986608 | .9986551 | .9986615 | .9986708 |
| 8 | .9986834 | .9986807 | .9986765 | .9986764 | .9986801 | .9986824 | .998675 | .9986743 | .9986627 | .9986532 | .9986495 | .9986548 | .9986707 |
| 9 | .9986746 | .998679 | .9986726 | .9986764 | .9986641 | .9986692 | .99867 | .9986674 | .9986624 | .9986628 | .9986648 | .9986739 | .9986698 |
| 10 | .9986697 | .9986737 | .998673 | .9986759 | .9986606 | .9986719 | .9986697 | .9986714 | .9986613 | .9986625 | .9986677 | .9986801 | .9986698 |
| 11 | .9986692 | .9986735 | .998675 | .9986802 | .9986854 | .9986736 | .9986652 | .9986653 | .9986665 | .9986677 | .998665 | .9986603 | .9986706 |
| 12 | .9986871 | .9986651 | .998666 | .9986486 | .9986559 | .9986792 | .998676 | .9986683 | .9986728 | .9986761 | .998675 | .998668 | .9986698 |
| 13 | .9986855 | .9986755 | .998677 | .9986722 | .998684 | .9986783 | .9986582 | .9986579 | .9986615 | .9986609 | .9986632 | .9986635 | .9986698 |
| Total | .9986848 | .998679 | .9986796 | .998679 | .9986727 | .9986719 | .9986675 | .9986671 | .998663 | .9986595 | .9986588 | .9986617 | .9986704 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Reporting year | | | | | | | | | | | | |
|  | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
| dnsp |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | .9986215 | .9986215 | .9986215 | .9986215 | .9986215 | .9986215 | .9986215 | .9986215 | .9986215 | .9986215 | .9986215 | .9986215 | .9986215 |
| 2 | .9986177 | .9986177 | .9986177 | .9986177 | .9986177 | .9986177 | .9986177 | .9986177 | .9986177 | .9986177 | .9986177 | .9986177 | .9986177 |
| 3 | .9986072 | .9986072 | .9986072 | .9986072 | .9986072 | .9986072 | .9986072 | .9986072 | .9986072 | .9986072 | .9986072 | .9986072 | .9986072 |
| 4 | .9986112 | .9986112 | .9986112 | .9986112 | .9986112 | .9986112 | .9986112 | .9986112 | .9986112 | .9986112 | .9986112 | .9986112 | .9986112 |
| 5 | .9986137 | .9986137 | .9986137 | .9986137 | .9986137 | .9986137 | .9986137 | .9986137 | .9986137 | .9986137 | .9986137 | .9986137 | .9986137 |
| 6 | .9986182 | .9986182 | .9986182 | .9986182 | .9986182 | .9986182 | .9986182 | .9986182 | .9986182 | .9986182 | .9986182 | .9986182 | .9986182 |
| 7 | .998617 | .998617 | .998617 | .998617 | .998617 | .998617 | .998617 | .998617 | .998617 | .998617 | .998617 | .998617 | .998617 |
| 8 | .998616 | .998616 | .998616 | .998616 | .998616 | .998616 | .998616 | .998616 | .998616 | .998616 | .998616 | .998616 | .998616 |
| 9 | .9986035 | .9986035 | .9986035 | .9986035 | .9986035 | .9986035 | .9986035 | .9986035 | .9986035 | .9986035 | .9986035 | .9986035 | .9986035 |
| 10 | .9986039 | .9986039 | .9986039 | .9986039 | .9986039 | .9986039 | .9986039 | .9986039 | .9986039 | .9986039 | .9986039 | .9986039 | .9986039 |
| 11 | .9986132 | .9986132 | .9986132 | .9986132 | .9986132 | .9986132 | .9986132 | .9986132 | .9986132 | .9986132 | .9986132 | .9986132 | .9986132 |
| 12 | .9986048 | .9986048 | .9986048 | .9986048 | .9986048 | .9986048 | .9986048 | .9986048 | .9986048 | .9986048 | .9986048 | .9986048 | .9986048 |
| 13 | .9986045 | .9986045 | .9986045 | .9986045 | .9986045 | .9986045 | .9986045 | .9986045 | .9986045 | .9986045 | .9986045 | .9986045 | .9986045 |
| Total | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 |

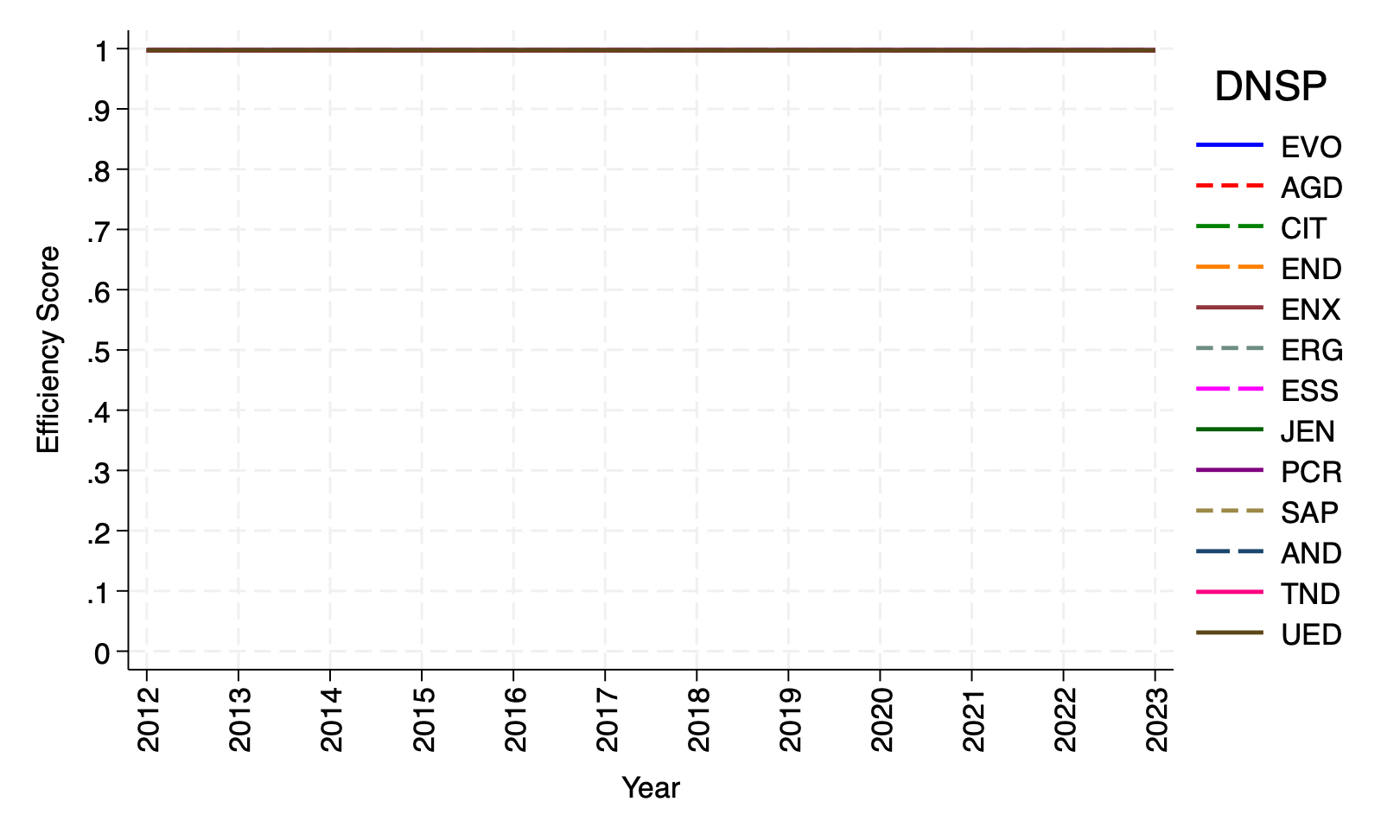
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Reporting year | | | | | | | | | | | | | |
|  | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
| Country code |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.Aust |  | .9986848 | .998679 | .9986796 | .998679 | .9986727 | .9986719 | .9986675 | .9986671 | .998663 | .9986595 | .9986588 | .9986617 | .9986704 |
| 2.NZ |  | .9986612 | .9986592 | .9986624 | .9986618 | .9986663 | .9986687 | .9986714 | .9986741 | .9986793 | .9986769 | .9986794 | .998683 | .9986703 |
| 3.Ontario | .9986669 | .9986703 | .9986733 | .9986738 | .9986728 | .9986744 | .9986736 | .9986731 | .9986709 | .9986658 | .9986647 | .9986671 |  | .9986706 |
| Total | .9986669 | .9986706 | .9986701 | .9986715 | .9986707 | .9986715 | .9986717 | .9986714 | .9986711 | .9986694 | .9986674 | .9986691 | .9986743 | .9986704 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Reporting year | | | | | | | | | | | | | |
|  | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
| Country code |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.Aust |  | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 | .9986117 |
| 2.NZ |  | .9986106 | .9986106 | .9986106 | .9986106 | .9986106 | .9986106 | .9986106 | .9986106 | .9986106 | .9986106 | .9986106 | .9986106 | .9986106 |
| 3.Ontario | .9986131 | .9986131 | .9986131 | .9986131 | .9986131 | .9986131 | .9986131 | .9986131 | .9986131 | .9986131 | .9986131 | .9986131 |  | .9986131 |
| Total | .9986131 | .998612 | .998612 | .998612 | .998612 | .998612 | .998612 | .998612 | .998612 | .998612 | .998612 | .998612 | .998611 | .998612 |

|  |  |
| --- | --- |
|  | eff |
| dnsp |  |
| 1 | .9972944 |
| 2 | .9972902 |
| 3 | .9972791 |
| 4 | .9972834 |
| 5 | .9972862 |
| 6 | .997291 |
| 7 | .9972896 |
| 8 | .9972886 |
| 9 | .9972751 |
| 10 | .9972755 |
| 11 | .9972856 |
| 12 | .9972765 |
| 13 | .9972761 |
| Total | .9972839 |

|  |  |
| --- | --- |
|  | eff |
| Country code |  |
| 1.Aust | .9972839 |
| 2.NZ | .9972827 |
| 3.Ontario | .9972855 |
| Total | .9972843 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Reporting year | | | | | | | | | | | | |
|  | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
| dnsp |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | .9973134 | .997318 | .9973262 | .9973204 | .9972776 | .9972836 | .9972941 | .9972901 | .9972848 | .9972773 | .9972799 | .9972671 | .9972944 |
| 2 | .9973201 | .9973 | .9973083 | .9973211 | .9973111 | .9973006 | .9972873 | .9972823 | .9972712 | .9972655 | .9972538 | .9972618 | .9972902 |
| 3 | .9972888 | .9972861 | .9972893 | .9972857 | .9972852 | .9972817 | .9972713 | .9972785 | .9972746 | .9972659 | .9972683 | .9972732 | .9972791 |
| 4 | .9972973 | .997285 | .9972968 | .9972955 | .9972979 | .9972865 | .9972803 | .9972813 | .9972691 | .9972712 | .9972699 | .9972702 | .9972834 |
| 5 | .9972942 | .997299 | .9972926 | .9972966 | .997287 | .9972844 | .9972851 | .9972795 | .9972756 | .9972771 | .9972784 | .9972844 | .9972862 |
| 6 | .9973114 | .9972943 | .9972948 | .9973017 | .9972982 | .9972885 | .9972882 | .9972894 | .9972934 | .9972735 | .997274 | .9972843 | .997291 |
| 7 | .9973264 | .9973162 | .9973065 | .9972955 | .9972774 | .9972738 | .9972767 | .9972861 | .9972824 | .9972796 | .9972739 | .9972804 | .9972896 |
| 8 | .9973012 | .9972985 | .9972944 | .9972942 | .9972979 | .9973002 | .9972928 | .9972921 | .9972805 | .997271 | .9972674 | .9972727 | .9972886 |
| 9 | .9972799 | .9972844 | .997278 | .9972818 | .9972695 | .9972746 | .9972754 | .9972728 | .9972677 | .9972681 | .9972702 | .9972793 | .9972751 |
| 10 | .9972755 | .9972795 | .9972787 | .9972816 | .9972663 | .9972777 | .9972754 | .9972771 | .997267 | .9972683 | .9972734 | .9972858 | .9972755 |
| 11 | .9972842 | .9972885 | .99729 | .9972952 | .9973004 | .9972886 | .9972802 | .9972803 | .9972815 | .9972827 | .9972801 | .9972753 | .9972856 |
| 12 | .9972937 | .9972717 | .9972726 | .9972553 | .9972625 | .9972858 | .9972826 | .9972749 | .9972794 | .9972827 | .9972816 | .9972746 | .9972765 |
| 13 | .9972919 | .9972818 | .9972833 | .9972785 | .9972903 | .9972846 | .9972645 | .9972642 | .9972678 | .9972672 | .9972695 | .9972699 | .9972761 |
| Total | .9972983 | .9972925 | .9972932 | .9972925 | .9972863 | .9972854 | .9972811 | .9972807 | .9972765 | .9972731 | .9972723 | .9972753 | .9972839 |



SFATLG-4Comp-short- Elasticities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| Country code |  |  |  |  |
| 1.Aust | -0.404 | 0.420 | 0.774 | 0.790 |
| 2.NZ | 0.726 | 0.244 | 0.115 | 1.085 |
| 3.Ontario | 0.029 | 0.182 | 0.817 | 1.028 |
| Total | 0.154 | 0.252 | 0.589 | 0.995 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ely1 | ely2 | ely3 | elY |
| dnsp |  |  |  |  |
| 1 | -0.183 | 0.307 | 0.772 | 0.896 |
| 2 | -0.986 | 0.489 | 1.139 | 0.642 |
| 3 | -0.642 | 0.336 | 1.103 | 0.796 |
| 4 | -0.717 | 0.420 | 1.050 | 0.754 |
| 5 | -0.785 | 0.482 | 0.987 | 0.684 |
| 6 | -0.116 | 0.380 | 0.658 | 0.922 |
| 7 | -0.034 | 0.453 | 0.437 | 0.856 |
| 8 | -0.364 | 0.419 | 0.692 | 0.747 |
| 9 | -0.239 | 0.461 | 0.569 | 0.791 |
| 10 | -0.300 | 0.438 | 0.676 | 0.814 |
| 11 | -0.246 | 0.486 | 0.505 | 0.745 |
| 12 | -0.015 | 0.331 | 0.617 | 0.933 |
| 13 | -0.625 | 0.460 | 0.853 | 0.688 |
| Total | -0.404 | 0.420 | 0.774 | 0.790 |

SFATLG-4Comp-short Monotonicity Violations

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mon1 | mon2 | mon3 | montot |
| Country code |  |  |  |  |
| 1.Aust | 0.987 | 0.000 | 0.000 | 0.987 |
| 2.NZ | 0.105 | 0.000 | 0.333 | 0.439 |
| 3.Ontario | 0.359 | 0.000 | 0.000 | 0.359 |
| Total | 0.414 | 0.000 | 0.104 | 0.518 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | mon1 | mon2 | mon3 | montot |
| dnsp |  |  |  |  |
| 1 | 1.000 | 0.000 | 0.000 | 1.000 |
| 2 | 1.000 | 0.000 | 0.000 | 1.000 |
| 3 | 1.000 | 0.000 | 0.000 | 1.000 |
| 4 | 1.000 | 0.000 | 0.000 | 1.000 |
| 5 | 1.000 | 0.000 | 0.000 | 1.000 |
| 6 | 1.000 | 0.000 | 0.000 | 1.000 |
| 7 | 0.833 | 0.000 | 0.000 | 0.833 |
| 8 | 1.000 | 0.000 | 0.000 | 1.000 |
| 9 | 1.000 | 0.000 | 0.000 | 1.000 |
| 10 | 1.000 | 0.000 | 0.000 | 1.000 |
| 11 | 1.000 | 0.000 | 0.000 | 1.000 |
| 12 | 1.000 | 0.000 | 0.000 | 1.000 |
| 13 | 1.000 | 0.000 | 0.000 | 1.000 |
| Total | 0.987 | 0.000 | 0.000 | 0.987 |

SFATLG-4Comp-short-Efficiency Scores

|  |  |
| --- | --- |
|  | technical efficiency via E[exp(-su)|e] |
| dnsp |  |
| 1 | .998902 |
| 2 | .9989025 |
| 3 | .9989015 |
| 4 | .9989018 |
| 5 | .9989022 |
| 6 | .9989015 |
| 7 | .9989014 |
| 8 | .9989021 |
| 9 | .9989012 |
| 10 | .9989012 |
| 11 | .9989018 |
| 12 | .9989011 |
| 13 | .9989018 |
| Total | .9989017 |

|  |  |
| --- | --- |
|  | technical efficiency via E[exp(-su)|e] |
| dnsp |  |
| 1 | .998382 |
| 2 | .9983947 |
| 3 | .9983683 |
| 4 | .9983755 |
| 5 | .9983851 |
| 6 | .9983701 |
| 7 | .9983689 |
| 8 | .9983827 |
| 9 | .9983606 |
| 10 | .9983607 |
| 11 | .9983752 |
| 12 | .9983591 |
| 13 | .9983747 |
| Total | .9983737 |

|  |  |
| --- | --- |
|  | technical efficiency via E[exp(-su)|e] |
| Country code |  |
| 1.Aust | .9989017 |
| 2.NZ | .9989016 |
| 3.Ontario | .9989017 |
| Total | .9989016 |

|  |  |
| --- | --- |
|  | technical efficiency via E[exp(-su)|e] |
| Country code |  |
| 1.Aust | .9983737 |
| 2.NZ | .9983708 |
| 3.Ontario | .9983724 |
| Total | .9983721 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Reporting year | | | | | | | | | | | | |
|  | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
| dnsp |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | .9989163 | .9989201 | .9989262 | .9989214 | .9988895 | .9988946 | .9989015 | .9988991 | .9988953 | .9988896 | .9988913 | .9988786 | .998902 |
| 2 | .9989219 | .9989072 | .9989139 | .9989243 | .9989174 | .9989101 | .9989008 | .9988977 | .9988899 | .998886 | .9988774 | .9988836 | .9989025 |
| 3 | .9989079 | .9989063 | .9989089 | .9989064 | .9989071 | .9989042 | .9988956 | .9989012 | .9988981 | .9988915 | .9988934 | .9988971 | .9989015 |
| 4 | .9989088 | .9989002 | .9989101 | .9989098 | .9989121 | .9989028 | .9988991 | .9989008 | .9988927 | .998895 | .9988946 | .9988955 | .9989018 |
| 5 | .9989048 | .9989089 | .9989046 | .9989083 | .9989019 | .9989008 | .9989021 | .9988986 | .9988961 | .9988978 | .9988987 | .9989042 | .9989022 |
| 6 | .9989162 | .9989038 | .9989043 | .9989094 | .9989071 | .9988998 | .9988996 | .9989005 | .9989035 | .9988886 | .998889 | .9988968 | .9989015 |
| 7 | .998928 | .9989203 | .9989139 | .9989057 | .9988923 | .9988897 | .998892 | .9988992 | .9988965 | .9988944 | .9988903 | .998895 | .9989014 |
| 8 | .9989092 | .9989078 | .9989052 | .9989054 | .9989088 | .998911 | .9989057 | .9989055 | .9988971 | .99889 | .9988876 | .9988917 | .9989021 |
| 9 | .998903 | .9989064 | .9989018 | .9989049 | .9988964 | .9989006 | .9989016 | .9989001 | .9988964 | .9988971 | .9988992 | .9989064 | .9989012 |
| 10 | .9989004 | .9989034 | .9989029 | .9989049 | .9988935 | .9989026 | .9989012 | .9989029 | .9988954 | .9988965 | .9989005 | .9989098 | .9989012 |
| 11 | .9988991 | .9989027 | .9989037 | .9989082 | .9989122 | .9989039 | .9988977 | .9988984 | .9988998 | .9989008 | .9988992 | .9988959 | .9989018 |
| 12 | .9989142 | .9988977 | .9988983 | .9988852 | .9988906 | .998908 | .9989055 | .9988997 | .9989032 | .9989058 | .9989049 | .9988998 | .9989011 |
| 13 | .9989119 | .9989049 | .998906 | .9989027 | .9989119 | .9989076 | .998893 | .9988936 | .9988966 | .9988962 | .9988981 | .9988986 | .9989018 |
| Total | .9989109 | .9989069 | .9989077 | .9989075 | .9989031 | .9989027 | .9988997 | .9988998 | .998897 | .9988946 | .9988942 | .9988964 | .9989017 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Reporting year | | | | | | | | | | | | |
|  | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
| dnsp |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | .998382 | .998382 | .998382 | .998382 | .998382 | .998382 | .998382 | .998382 | .998382 | .998382 | .998382 | .998382 | .998382 |
| 2 | .9983947 | .9983947 | .9983947 | .9983947 | .9983947 | .9983947 | .9983947 | .9983947 | .9983947 | .9983947 | .9983947 | .9983947 | .9983947 |
| 3 | .9983683 | .9983683 | .9983683 | .9983683 | .9983683 | .9983683 | .9983683 | .9983683 | .9983683 | .9983683 | .9983683 | .9983683 | .9983683 |
| 4 | .9983755 | .9983755 | .9983755 | .9983755 | .9983755 | .9983755 | .9983755 | .9983755 | .9983755 | .9983755 | .9983755 | .9983755 | .9983755 |
| 5 | .9983851 | .9983851 | .9983851 | .9983851 | .9983851 | .9983851 | .9983851 | .9983851 | .9983851 | .9983851 | .9983851 | .9983851 | .9983851 |
| 6 | .9983701 | .9983701 | .9983701 | .9983701 | .9983701 | .9983701 | .9983701 | .9983701 | .9983701 | .9983701 | .9983701 | .9983701 | .9983701 |
| 7 | .9983689 | .9983689 | .9983689 | .9983689 | .9983689 | .9983689 | .9983689 | .9983689 | .9983689 | .9983689 | .9983689 | .9983689 | .9983689 |
| 8 | .9983827 | .9983827 | .9983827 | .9983827 | .9983827 | .9983827 | .9983827 | .9983827 | .9983827 | .9983827 | .9983827 | .9983827 | .9983827 |
| 9 | .9983606 | .9983606 | .9983606 | .9983606 | .9983606 | .9983606 | .9983606 | .9983606 | .9983606 | .9983606 | .9983606 | .9983606 | .9983606 |
| 10 | .9983607 | .9983607 | .9983607 | .9983607 | .9983607 | .9983607 | .9983607 | .9983607 | .9983607 | .9983607 | .9983607 | .9983607 | .9983607 |
| 11 | .9983752 | .9983752 | .9983752 | .9983752 | .9983752 | .9983752 | .9983752 | .9983752 | .9983752 | .9983752 | .9983752 | .9983752 | .9983752 |
| 12 | .9983591 | .9983591 | .9983591 | .9983591 | .9983591 | .9983591 | .9983591 | .9983591 | .9983591 | .9983591 | .9983591 | .9983591 | .9983591 |
| 13 | .9983747 | .9983747 | .9983747 | .9983747 | .9983747 | .9983747 | .9983747 | .9983747 | .9983747 | .9983747 | .9983747 | .9983747 | .9983747 |
| Total | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Reporting year | | | | | | | | | | | | | |
|  | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
| Country code |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.Aust |  | .9989109 | .9989069 | .9989077 | .9989075 | .9989031 | .9989027 | .9988997 | .9988998 | .998897 | .9988946 | .9988942 | .9988964 | .9989017 |
| 2.NZ |  | .9988955 | .9988938 | .9988963 | .9988958 | .998899 | .9989004 | .9989021 | .9989041 | .9989076 | .998906 | .9989079 | .9989102 | .9989016 |
| 3.Ontario | .9988992 | .9989016 | .9989037 | .998904 | .9989034 | .9989045 | .998904 | .9989035 | .9989019 | .998898 | .9988972 | .998899 |  | .9989017 |
| Total | .9988992 | .9989017 | .9989013 | .9989024 | .9989019 | .9989025 | .9989026 | .9989023 | .9989022 | .9989008 | .9988994 | .9989007 | .9989046 | .9989016 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Reporting year | | | | | | | | | | | | | |
|  | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
| Country code |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.Aust |  | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 | .9983737 |
| 2.NZ |  | .9983708 | .9983708 | .9983708 | .9983708 | .9983708 | .9983708 | .9983708 | .9983708 | .9983708 | .9983708 | .9983708 | .9983708 | .9983708 |
| 3.Ontario | .9983724 | .9983724 | .9983724 | .9983724 | .9983724 | .9983724 | .9983724 | .9983724 | .9983724 | .9983724 | .9983724 | .9983724 |  | .9983724 |
| Total | .9983724 | .9983721 | .9983721 | .9983721 | .9983721 | .9983721 | .9983721 | .9983721 | .9983721 | .9983721 | .9983721 | .9983721 | .9983719 | .9983721 |

|  |  |
| --- | --- |
|  | eff |
| dnsp |  |
| 1 | .9972857 |
| 2 | .997299 |
| 3 | .9972715 |
| 4 | .9972791 |
| 5 | .9972891 |
| 6 | .9972734 |
| 7 | .9972721 |
| 8 | .9972866 |
| 9 | .9972636 |
| 10 | .9972636 |
| 11 | .9972788 |
| 12 | .997262 |
| 13 | .9972782 |
| Total | .9972771 |

|  |  |
| --- | --- |
|  | eff |
| Country code |  |
| 1.Aust | .9972771 |
| 2.NZ | .9972741 |
| 3.Ontario | .9972758 |
| Total | .9972756 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Reporting year | | | | | | | | | | | | |
|  | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
| dnsp |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | .9973 | .9973038 | .9973099 | .9973051 | .9972733 | .9972784 | .9972853 | .9972829 | .997279 | .9972733 | .9972751 | .9972624 | .9972857 |
| 2 | .9973183 | .9973036 | .9973103 | .9973207 | .9973138 | .9973065 | .9972973 | .9972942 | .9972864 | .9972824 | .9972739 | .9972801 | .997299 |
| 3 | .9972779 | .9972763 | .997279 | .9972765 | .9972771 | .9972742 | .9972656 | .9972712 | .9972681 | .9972616 | .9972635 | .9972672 | .9972715 |
| 4 | .9972861 | .9972776 | .9972874 | .9972872 | .9972894 | .9972801 | .9972764 | .9972782 | .99727 | .9972723 | .997272 | .9972728 | .9972791 |
| 5 | .9972916 | .9972957 | .9972915 | .9972952 | .9972888 | .9972876 | .9972889 | .9972855 | .9972829 | .9972847 | .9972855 | .997291 | .9972891 |
| 6 | .9972881 | .9972757 | .9972762 | .9972813 | .997279 | .9972717 | .9972715 | .9972724 | .9972754 | .9972605 | .9972609 | .9972687 | .9972734 |
| 7 | .9972986 | .9972909 | .9972846 | .9972764 | .997263 | .9972603 | .9972627 | .9972698 | .9972671 | .997265 | .9972609 | .9972657 | .9972721 |
| 8 | .9972938 | .9972923 | .9972897 | .99729 | .9972934 | .9972955 | .9972903 | .9972901 | .9972816 | .9972746 | .9972721 | .9972762 | .9972866 |
| 9 | .9972654 | .9972689 | .9972643 | .9972674 | .9972588 | .997263 | .997264 | .9972625 | .9972588 | .9972595 | .9972616 | .9972689 | .9972636 |
| 10 | .9972629 | .9972659 | .9972653 | .9972674 | .997256 | .997265 | .9972637 | .9972653 | .9972579 | .997259 | .997263 | .9972723 | .9972636 |
| 11 | .9972761 | .9972797 | .9972807 | .9972852 | .9972892 | .997281 | .9972748 | .9972755 | .9972768 | .9972779 | .9972762 | .9972729 | .9972788 |
| 12 | .9972751 | .9972585 | .9972591 | .9972461 | .9972515 | .9972689 | .9972664 | .9972606 | .997264 | .9972667 | .9972658 | .9972606 | .997262 |
| 13 | .9972883 | .9972814 | .9972825 | .9972792 | .9972883 | .9972841 | .9972695 | .99727 | .9972731 | .9972727 | .9972746 | .9972751 | .9972782 |
| Total | .9972863 | .9972823 | .9972831 | .9972829 | .9972786 | .9972782 | .9972751 | .9972752 | .9972724 | .99727 | .9972696 | .9972718 | .9972771 |

