

Annex 11 RNRRS Citation Analysis Methodology

Objective

The citation analysis aimed to assess the impact of the peer-reviewed publications from all 10 RNRRS programmes.

Method summary

1. Publication data for each programme was identified through programme managers, specialist advisors or programme websites. Publication data was identified for each programme for the following years:

| Programme | Year | Notes on sampling |
|-----------|-----------|--|
| AHP | 1999-2004 | |
| AFGRP | 1990-2004 | Publication data was available between 1990-2004, however, citation analysis was only carried out for articles published post and including 1997 |
| FMSP | 1990-2004 | |
| PHFRP | 1990-2004 | |
| CPHP | 1995-2003 | |
| CPP | 2001-2004 | Projects were only sampled between 2001-2004, according to information provided by the programme managers and the specialist. |
| FRP | 1995-2004 | Citation analysis was only carried out for 9 sample projects. |
| LPP | 1999-2004 | |
| NRSP | 1995-2003 | |
| PSP | 1995-2004 | Publication data was available between 1995-2004, however, citation analysis was only carried out for articles published post and including 1997 |

2. To facilitate information management, key data for each peer-reviewed publication was entered into an MS Access Database, including: unique publication references (project number-publication date-unique publication number), project number, principal author (last name, initial), year of publication and reference (volume, pages). All of these data are required to avoid duplication and ensure individual publications can be traced throughout the analysis process – both in the source data and in the Science Citation Index.

A comprehensive list of peer-reviewed journals can be found in the Journal Citation Reports section of the ISI Science or Social Science Citation Index on the Web of Knowledge.

3. Impact; immediacy; cited half life; and citing half life values were recorded for each peer-reviewed journal using the Journal Citation Reports – and recorded in a new linked table in the database. ISI definitions of impact measurements are given below:

Impact factor: The number of current citations to articles published in a specific journal in a two year period divided by the total number of articles published in the same journal in the corresponding two year period. This is a meaningful indicator when considering journals covering a single subject discipline e.g. a programme.

Immediacy index: An indicator of the speed with which citations to a specific journal appear in the published literature. Such information is useful in determining which journals are publishing in emerging areas of research

Cited half-life: A measurement used to estimate the impact of a journal. It is the number of years, going back from the current year, that account for 50% of the total citations received by the cited journal in the current year. This provides an indicator as to the long-term value of source items in a single journal publication.

Citing half-life: The number of journal publication years, going back from the current year that account for 50% of the total citations given by the citing journal in the current year. This is an indicator of the subtle changes in scope of a publication over the course of time. Evaluation of this factor can provide information on the cross-disciplinary nature of research in a specific field of interest.

4. Each peer-reviewed publication was identified in the Science Citation Index - using the general search application. Publications were confirmed using references to the author, year, journal, and/or edition – as appropriate. For each publication entry the following data was recorded:

- number of institutions involved from the north and south
- an estimate of the number of individual authors from the north and south
- number of citations

5. By selecting the “number of citations” a list of references are provided that defines where the article has been cited. Each citation was given a unique reference number/ publication record; and journal name and year cited was recorded in a new linked table in the database. Ensure that journal impact data are collected for any new journals in which citations have been recorded.
6. Data analysis was carried out using a combination of MS Access queries and MS Excel spreadsheets. Data extracted for each projects are summarised per programme in the table below:

SUMMARY OF CITATION ANALYSIS: IMPACT OF PUBLISHED AND CITED PEER REVIEWED ARTICLES BY PROJECT AND PROGRAMME

| PROG ¹ | PROJECT | PEER REV ² | AV IMPACT (PUB) ³ | ARTICLES CITED (>1997) ⁴ | TOTAL CITATIONS ⁵ | AV IMPACT (CIT) ⁶ | AV IMMEDIATE (CIT) ⁷ | AV CITED HL (CIT) ⁸ | AV CITING HL (CIT) ⁹ | % SOUTH INST ¹⁰ | % SOUTH INDIV ¹¹ |
|-------------------|---------|-----------------------|------------------------------|-------------------------------------|------------------------------|------------------------------|---------------------------------|--------------------------------|---------------------------------|----------------------------|-----------------------------|
| AFGRP | R4222 | 4 | 1.499 | 0 | | | | | | | |
| AFGRP | R4443 | 2 | 1.539 | 0 | | | | | | | |
| AFGRP | R4452 | 4 | 1.802 | 0 | | | | | | | |
| AFGRP | R4523 | 1 | 1.507 | 0 | | | | | | | |
| AFGRP | R4537 | 5 | 0.752 | 0 | | | | | | | |
| AFGRP | R4680 | 1 | 1.436 | 0 | | | | | | | |
| AFGRP | R4700 | 1 | 2.287 | 0 | | | | | | | |
| AFGRP | R4721 | 1 | 0.527 | 0 | | | | | | | |
| AFGRP | R4723 | 1 | 1.127 | 0 | | | | | | | |
| AFGRP | R4751 | 1 | 1.137 | 0 | | | | | | | |
| AFGRP | R4801 | 1 | 1.2 | 1 | 4 | 2.186 | 0.653 | 8.275 | 9.750 | 0% | 0% |
| AFGRP | R4803 | 3 | 2.295 | 0 | | | | | | | |
| AFGRP | R4810 | 1 | 1.2 | 0 | | | | | | | |
| AFGRP | R4914 | 2 | 1.11 | 0 | | | | | | | |
| AFGRP | R5068 | 1 | 1.507 | 0 | | | | | | | |
| AFGRP | R5430 | 4 | 2.749 | 0 | | | | | | | |
| AFGRP | R5502 | 11 | 2.006 | 7 | 93 | 2.891 | 0.471 | 15.866 | 7.508 | 0% | 10% |
| AFGRP | R5525 | 1 | 1.507 | 0 | | | | | | | |
| AFGRP | R5997 | 12 | 1.155 | 8 | 72 | 1.080 | 0.238 | 6.861 | 8.714 | 0% | 3% |
| AFGRP | R5998 | 2 | 0.616 | 0 | | | | | | | |
| AFGRP | R6011 | 2 | 1.137 | 2 | 39 | 1.220 | 0.189 | 7.068 | 9.431 | 50% | 0% |
| AFGRP | R6058 | 6 | 1.777 | 0 | | | | | | | |
| AFGRP | R6059 | 5 | 1.143 | 3 | 13 | 1.888 | 0.389 | 6.625 | 8.492 | 25% | 59% |
| AFGRP | R6428 | 1 | 1.507 | 1 | 8 | 1.422 | 0.231 | 7.388 | 9.438 | 50% | 50% |
| AFGRP | R6938 | 7 | 1.445 | 5 | 71 | 1.413 | 0.247 | 9.973 | 9.083 | 53% | 44% |
| AFGRP | R6979 | 9 | 1.175 | 7 | 22 | 1.353 | 0.257 | 7.129 | 8.159 | 23% | 30% |
| AFGRP | R7051 | 3 | 1.196 | 2 | 8 | 1.689 | 0.283 | 6.775 | 8.475 | 50% | 65% |
| AFGRP | R7052 | 4 | 1.089 | 1 | 1 | 1.507 | 0.237 | 8.800 | 9.900 | 50% | 0% |
| AFGRP | R7100 | 1 | 1.507 | 1 | 11 | 1.109 | 0.171 | 6.655 | 9.845 | 50% | 0% |
| AFGRP | R7113 | 4 | 1.61 | 3 | 30 | 2.024 | 0.276 | 18.379 | 7.634 | 0% | 52% |
| AFGRP | R7284 | 1 | 1.507 | 0 | | | | | | | |
| AFGRP | R7463 | 1 | 1.127 | 1 | 1 | 1.127 | 0.190 | 9.600 | 8.100 | 33% | 40% |
| AFGRP | R7591 | 2 | 1.879 | 2 | 6 | 1.707 | 0.262 | 8.080 | 8.383 | 0% | 50% |
| TOTAL | | 105 | 1.426 | 44 | 379 | 1.615 | 0.292 | 9.105 | 8.779 | 27% | 29% |

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|-------------------|---------|-----------------------|------------------------------|-------------------------------------|------------------------------|------------------------------|-----------------------------|--------------------------------|---------------------------------|----------------------------|-----------------------------|
| AHP | R5937 | 1 | 1.826 | 0 | | | | | | | |
| AHP | R6554 | 2 | 2.104 | 1 | 1 | 1.414 | 0.156 | 5.200 | 6.900 | 50% | 75% |
| AHP | R7048 | 4 | 1.61 | 4 | 25 | 2.894 | 0.556 | 12.008 | 5.684 | 17% | 8% |
| AHP | R7050 | 1 | 1.458 | 1 | 1 | 3.205 | 1.000 | 8.500 | 7.500 | 25% | 25% |
| AHP | R7161 | 1 | 0 | 1 | 11 | 1.217 | 0.247 | 6.955 | 8.045 | 0% | 0% |
| AHP | R7164 | 1 | 1.063 | 1 | 6 | 1.154 | 0.145 | 6.383 | 7.267 | 50% | 0% |
| AHP | R7173 | 4 | 1.035 | 4 | 37 | 2.377 | 0.402 | 7.351 | 8.930 | 38% | 25% |
| AHP | R7196 | 8 | 4.133 | 7 | 24 | 1.762 | 0.266 | 6.063 | 7.117 | 0% | 0% |
| AHP | R7229 | 1 | 1.634 | 1 | 4 | 1.850 | 0.363 | 5.950 | 7.225 | 50% | 67% |
| AHP | R7357 | 1 | 3.586 | 1 | 16 | 3.884 | 0.776 | 5.813 | 6.344 | 0% | 0% |
| AHP | R7360 | 3 | 3.236 | 1 | 2 | 1.263 | 0.204 | 7.050 | 10.000 | 33% | 21% |
| AHP | R7361 | 1 | 2.02 | 0 | | | | | | | |
| AHP | R7363 | 2 | 3.122 | 2 | 12 | 1.543 | 0.327 | 7.150 | 8.300 | 13% | 10% |
| AHP | R7364 | 1 | 1.04 | 1 | 9 | 3.447 | 0.465 | 5.456 | 7.444 | 33% | 33% |
| AHP | R7539 | 2 | 3.903 | 2 | 4 | 7.506 | 1.747 | 6.875 | 7.100 | 25% | 25% |
| AHP | R7596 | 19 | 4.257 | 11 | 131 | 4.759 | 0.926 | 5.663 | 6.437 | 22% | 27% |
| AHP | R7597 | 7 | 2.925 | 6 | 23 | 3.522 | 0.674 | 5.639 | 7.204 | 36% | 25% |
| AHP | R7987 | 4 | 1.029 | 3 | 15 | 2.501 | 0.369 | 6.480 | 8.347 | 46% | 42% |
| AHP | R8042 | 1 | 3.875 | 1 | 1 | 2.853 | 0.419 | 7.800 | 6.000 | 50% | 60% |
| AHP | R8151 | 1 | 0.258 | 0 | | | | | | | |
| AHP | R8213 | 2 | 1.063 | 0 | | | | | | | |
| AHP | R8214 | 2 | 1.188 | 1 | 2 | 3.190 | 0.574 | 5.050 | 7.500 | 40% | 44% |
| AHP | R8318 | 6 | 1.2 | 1 | 2 | 1.336 | 0.490 | 6.500 | 8.800 | 39% | 36% |
| TOTAL | | 75 | 2.068 | 50 | 326 | 2.720 | 0.532 | 6.731 | 7.481 | 30% | 28% |

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|-------------------|---------|-----------------------|------------------------------|-------------------------------------|------------------------------|------------------------------|-----------------------------|--------------------------------|---------------------------------|----------------------------|-----------------------------|
| CPHP | R5080 | 1 | 2.261 | 1 | 1 | 2.261 | 0.193 | 5.200 | 7.900 | 0% | 0% |
| CPHP | R6049 | 2 | 0.217 | 1 | 5 | 0.840 | 0.133 | 8.540 | 8.980 | 100% | 90% |
| CPHP | R6312 | 1 | 0.921 | 1 | 31 | 1.255 | 0.264 | 7.755 | 8.845 | 0% | 0% |
| CPHP | R6501 | 1 | 0.921 | 1 | 3 | 0.921 | 0.270 | 8.800 | 10.000 | 0% | 0% |
| CPHP | R6502 | 1 | 0.625 | 1 | 1 | 0.625 | 0.119 | 5.400 | 9.800 | 0% | 50% |
| CPHP | R6504 | 1 | 0.087 | 0 | | | | | | | |
| CPHP | R6639 | 1 | 1.204 | 1 | 2 | 2.501 | 0.333 | 5.400 | 7.300 | 50% | 20% |
| CPHP | R7034 | 2 | 1.227 | 1 | 2 | 0.433 | 0.111 | 2.600 | 4.900 | 50% | 33% |
| CPHP | R7486 | 3 | 1.021 | 3 | 4 | 1.598 | 0.430 | 7.025 | 9.375 | 54% | 29% |
| CPHP | R7498 | 1 | 0.591 | 0 | | | | | | | |
| CPHP | R7502 | 6 | 0.833 | 3 | 8 | 0.856 | 0.174 | 6.313 | 7.063 | 28% | 40% |
| CPHP | R7575 | 1 | 1.1 | 1 | 4 | 1.176 | 0.109 | 6.600 | 7.100 | 0% | 0% |
| CPHP | R8179 | 2 | 0.764 | 1 | 2 | 0.884 | 0.107 | 9.400 | 10.000 | 54% | 57% |
| TOTAL | | 23 | 0.905 | 15 | 63 | 1.213 | 0.204 | 6.639 | 8.297 | 31% | 29% |

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|-------------------|---------|-----------------------|------------------------------|-------------------------------------|------------------------------|------------------------------|-----------------------------|--------------------------------|---------------------------------|----------------------------|-----------------------------|
| CPP | R5441 | 2 | 0.986 | 2 | 7 | 1.679 | 0.270 | 7.086 | 8.229 | 0% | 0% |
| CPP | R7299 | 1 | 0.832 | 1 | 4 | 1.044 | 0.090 | 6.500 | 9.200 | 0% | 0% |
| CPP | R7428 | 2 | 0.607 | 1 | 1 | 1.027 | 0.340 | 6.200 | 8.900 | 38% | 46% |
| CPP | R7441 | 1 | 1.673 | 1 | 1 | 0.850 | 0.083 | 8.500 | 10.000 | 50% | 44% |
| CPP | R7447 | 1 | 0.764 | 0 | | | | | | | |
| CPP | R7449 | 1 | 0.798 | 1 | 1 | 6.182 | | 10.000 | 0.000 | 67% | 33% |
| CPP | R7452 | 6 | 0.358 | 2 | 7 | 1.717 | 0.272 | 9.771 | 9.657 | 58% | 27% |
| CPP | R7460 | 2 | 0.586 | 2 | 3 | 0.954 | 0.149 | 6.800 | 9.867 | 58% | 60% |
| CPP | R7492 | 2 | 1.143 | 1 | 3 | 1.219 | 0.281 | 7.867 | 8.733 | 50% | 67% |
| CPP | R7505 | 4 | 1.705 | 4 | 19 | 1.596 | 0.273 | 8.800 | 9.079 | 26% | 45% |
| CPP | R7560 | 4 | 0.957 | 2 | 3 | 0.954 | 0.149 | 6.800 | 9.867 | 39% | 39% |
| CPP | R7563 | 1 | 2.45 | 0 | | | | | | | |
| CPP | R7564 | 2 | 1.056 | 2 | 3 | 1.835 | 0.407 | 7.200 | 7.633 | 50% | 25% |
| CPP | R7570 | 1 | 4.211 | 1 | 5 | 3.923 | 0.544 | 4.880 | 7.040 | 0% | 0% |
| CPP | R7809 | 1 | 2.102 | 1 | 2 | 1.312 | 0.220 | 7.950 | 8.400 | 33% | 44% |
| CPP | R7813 | 4 | 1.101 | 4 | 18 | 0.885 | 0.155 | 7.483 | 8.789 | 75% | 64% |
| CPP | R7818 | 3 | 5.86 | 3 | 10 | 3.619 | 0.553 | 7.080 | 7.970 | 0% | 0% |
| CPP | R7942 | 1 | 0.357 | 0 | | | | | | | |
| CPP | R7967 | 5 | 1.917 | 2 | 9 | 3.556 | 0.476 | 6.267 | 7.600 | 0% | 17% |
| CPP | R8025 | 1 | 2.45 | 0 | | | | | | | |
| CPP | R8205 | 3 | 1.074 | 1 | 2 | 2.031 | 0.286 | 9.800 | 9.800 | 71% | 50% |
| CPP | R8227 | 1 | 0.625 | 0 | | | | | | | |
| CPP | R8228 | 1 | 0.775 | 0 | | | | | | | |
| CPP | R8314 | 2 | 0.823 | 0 | | | | | | | |
| TOTAL | | 52 | 1.571 | 31 | 98 | 2.022 | 0.284 | 7.587 | 8.280 | 36% | 33% |

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|--------------------------------|---------|-----------------------|------------------------------|-------------------------------------|------------------------------|------------------------------|-----------------------------|--------------------------------|---------------------------------|----------------------------|-----------------------------|
| F MSP | R4283 | 1 | 3.586 | 0 | | | | | | | |
| F MSP | R4682 | 1 | 1.386 | 0 | | | | | | | |
| F MSP | R4778 | 1 | 29.78 | 0 | | | | | | | |
| F MSP | R5023 | 2 | 0.991 | 0 | | | | | | | |
| F MSP | R5024 | 15 | 1.685 | 2 | 28 | 2.040 | 0.359 | 5.443 | 6.621 | 25% | 50% |
| F MSP | R5048 | 2 | 2.135 | 0 | | | | | | | |
| F MSP | R5484 | 1 | 1.2 | 0 | | | | | | | |
| F MSP | R5953 | 6 | 0.797 | 4 | 17 | 0.646 | 0.404 | 4.929 | 9.341 | 0% | 29% |
| F MSP | R5958 | 3 | 0.911 | 2 | 6 | 1.682 | 0.215 | 7.600 | 9.283 | 50% | 78% |
| F MSP | R6267 | 1 | 1.507 | 1 | 4 | 2.037 | 0.193 | 6.650 | 9.200 | 33% | 40% |
| F MSP | R6338 | 1 | 1.2 | 1 | 3 | 1.049 | 0.151 | 7.033 | 9.367 | 50% | 33% |
| F MSP | R6437 | 1 | 2.432 | 1 | 19 | 1.018 | 0.117 | 5.784 | 5.959 | 0% | 0% |
| F MSP | R6465 | 1 | 0.956 | 1 | 2 | 0.819 | 0.283 | 7.700 | 9.850 | 0% | 0% |
| F MSP | R7335 | 1 | 2.432 | 1 | 2 | 0.775 | 0.188 | 10.000 | 9.900 | 0% | 0% |
| F MSP | R7336 | 3 | 0.43 | 1 | 8 | 0.773 | 0.195 | 4.375 | 4.850 | 25% | 25% |
| TOTAL | | 40 | 3.429 | 14 | 89 | 1.204 | 0.234 | 6.613 | 8.263 | 20% | 28% |
| FRP | R6057 | 3 | 1.058 | 1 | 32 | 1.537 | 0.240 | 7.916 | 9.328 | 38% | 38% |
| FRP | R6321 | 2 | 0.293 | 1 | 9 | 0.778 | 0.138 | 5.456 | 9.289 | 100% | 42% |
| FRP | R6364 | 1 | 2.395 | 0 | | | | | | | |
| FRP | R6523 | 8 | 0.892 | 8 | 21 | 1.184 | 0.124 | 8.795 | 9.143 | 46% | 36% |
| FRP | R6912 | 3 | 11.13 | 1 | 3 | 1.623 | 0.101 | 5.800 | 8.400 | 33% | 35% |
| FRP | R6917 | 1 | 3.205 | 1 | 10 | 2.654 | 0.662 | 7.440 | 8.310 | 0% | 0% |
| FRP | R7274 | 1 | 1.23 | 1 | 7 | 1.090 | 0.305 | 6.143 | 7.300 | 50% | 33% |
| FRP | R7342 | 1 | 0.575 | 1 | 11 | 0.860 | 0.256 | 5.909 | 9.300 | 100% | 0% |
| FRP | R7432 | 1 | 2.101 | 1 | 5 | 1.672 | 1.127 | 4.900 | 8.500 | 100% | 86% |
| FRP AVERAGE¹ | | 21 | 2.542 | 15 | 98 | 1.425 | 0.369 | 6.545 | 8.696 | 58% | 34% |

¹ The FRP analysis was carried out

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|-------------------|---------|-----------------------|------------------------------|-------------------------------------|------------------------------|------------------------------|-----------------------------|--------------------------------|---------------------------------|----------------------------|-----------------------------|
| LPP | R5181 | 1 | 0.878 | 0 | | | | | | | |
| LPP | R5732 | 1 | 0.258 | 0 | | | | | | | |
| LPP | R6153 | 1 | 0.23 | 1 | 1 | 0.143 | 0.059 | 9.600 | 9.200 | 100% | 83% |
| LPP | R6319 | 1 | 1.041 | 1 | 1 | 1.444 | 0.616 | 6.100 | 8.000 | 0% | 0% |
| LPP | R6342 | 1 | 1.821 | 0 | | | | | | | |
| LPP | R6434 | 1 | 1.063 | 1 | 1 | 1.583 | 0.291 | 5.500 | 8.500 | 50% | 0% |
| LPP | R6609 | 2 | 0.134 | 1 | 1 | 0.558 | 0.045 | 6.900 | 10.000 | 0% | 0% |
| LPP | R6625 | 1 | 7.209 | 0 | | | | | | | |
| LPP | R6626 | 2 | 1.255 | 1 | 6 | 4.138 | 0.489 | 6.433 | 7.133 | 17% | 27% |
| LPP | R6774 | 1 | 0.258 | 1 | 3 | 0.364 | 0.068 | 5.133 | 5.733 | 33% | 75% |
| LPP | R6955 | 1 | 1.172 | 0 | | | | | | | |
| LPP | R6984 | 4 | 1.769 | 4 | 85 | 2.325 | 0.549 | 6.979 | 8.213 | 25% | 0% |
| LPP | R7010 | 1 | 0.856 | 0 | | | | | | | |
| LPP | R7346 | 1 | 1.027 | 1 | 1 | 1.027 | 0.340 | 6.200 | 8.900 | 75% | 75% |
| LPP | R7350 | 7 | 0.258 | 1 | 1 | 0.622 | 0.200 | 7.500 | 7.400 | 58% | 71% |
| LPP | R7351 | 3 | 1.898 | 2 | 8 | 1.464 | 0.178 | 5.867 | 7.075 | 0% | 13% |
| LPP | R7352 | 1 | 0.01 | 1 | 1 | 0.299 | 0.007 | 0.000 | 9.400 | 0% | 0% |
| LPP | R7424 | 2 | 0.596 | 2 | 17 | 1.773 | 0.400 | 6.929 | 8.463 | 0% | 0% |
| LPP | R7637 | 1 | 1.041 | 1 | 1 | 1.444 | 0.616 | 6.100 | 8.000 | 0% | 0% |
| TOTAL | | 33 | 1.199 | | 127 | 1.322 | 0.297 | 6.095 | 8.155 | 28% | 26% |

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|-------------------|---------|-----------------------|------------------------------|-------------------------------------|------------------------------|------------------------------|-----------------------------|--------------------------------|---------------------------------|----------------------------|-----------------------------|
| NRSP | R4840 | 3 | 0.581 | 2 | 9 | 0.616 | 0.176 | 5.900 | 8.344 | 17% | 58% |
| NRSP | R6525 | 2 | 0.312 | 1 | 1 | 1.310 | 0.474 | 6.100 | 10.000 | 25% | 25% |
| NRSP | R6621 | 2 | 0.312 | 2 | 4 | 0.877 | 0.572 | 4.800 | 9.575 | 58% | 63% |
| NRSP | R6638 | 1 | 0.312 | 0 | | | | | | | |
| NRSP | R6731 | 1 | 1.444 | 0 | | | | | | | |
| NRSP | R6744 | 1 | 1.837 | 1 | 36 | 0.899 | 0.126 | 9.328 | 9.253 | 0% | 0% |
| NRSP | R6748 | 2 | 0.531 | 2 | 12 | 0.910 | 0.200 | 7.350 | 9.075 | 25% | 38% |
| NRSP | R6750 | 5 | 1.026 | 4 | 22 | 1.923 | 0.419 | 7.086 | 8.845 | 23% | 60% |
| NRSP | R6751 | 1 | 0.364 | 0 | | | | | | | |
| NRSP | R6757 | 4 | 0.826 | 1 | 8 | 0.667 | 0.201 | 5.175 | 6.163 | 43% | 47% |
| NRSP | R6758 | 4 | 0.558 | 3 | 4 | 0.514 | 0.243 | 8.800 | 9.950 | 65% | 71% |
| NRSP | R6759 | 3 | 1.507 | 1 | 9 | 0.813 | 0.125 | 6.400 | 9.967 | 0% | 0% |
| NRSP | R6880 | 1 | 0.395 | 0 | | | | | | | |
| NRSP | R6919 | 1 | 1.23 | 1 | 8 | 4.646 | 0.837 | 5.675 | 5.475 | 67% | 33% |
| NRSP | R7056 | 1 | 0.575 | 1 | 6 | 0.689 | 0.081 | 6.000 | 9.067 | 100% | 33% |
| NRSP | R7099 | 4 | 0.351 | 2 | 10 | 0.708 | 0.137 | 5.300 | 6.280 | 33% | 100% |
| NRSP | R7584 | 1 | 0.312 | 1 | 1 | 0.500 | 0.000 | 0.000 | 0.000 | 33% | 33% |
| NRSP | R7668 | 1 | 29.78 | 1 | 50 | 7.519 | 1.549 | 7.334 | 7.242 | 0% | 0% |
| NRSP | R7857 | 1 | 0.624 | 0 | | | | | | | |
| NRSP | R8084 | 3 | 0.508 | 0 | | | | | | | |
| TOTAL | | 42 | 2.35 | 23 | 180 | 1.614 | 0.367 | 6.089 | 7.803 | 35% | 40% |
| PHFRP | R4909 | 1 | 1.507 | 0 | | | | | | | |
| PHFRP | R5026 | 3 | 0.954 | 0 | | | | | | | |
| PHFRP | R5921 | 2 | 1.365 | 2 | 25 | 1.777 | 0.217 | 6.392 | 8.024 | 0% | 17% |
| PHFRP | R6282 | 1 | 0.856 | 1 | 6 | 0.640 | 0.145 | 7.900 | 9.283 | 40% | 33% |
| PHFRP | R6700 | 2 | 2.028 | 1 | 1 | 3.205 | 1.000 | 8.500 | 7.500 | 25% | 17% |
| PHFRP | R7008 | 1 | 0.956 | 0 | | | | | | | |
| TOTAL | | 10 | 1.34 | 4 | 32 | 1.874 | 0.454 | 7.597 | 8.269 | 22% | 22% |

| PROG ¹ | PROJECT | PEER REV ² | AV IMPACT (PUB) ³ | ARTICLES CITED (>1997) ⁴ | TOTAL CITATIONS ⁵ | AV IMPACT (CIT) ⁶ | AV IMMED (CIT) ⁷ | AV CITED HL (CIT) ⁸ | AV CITING HL (CIT) ⁹ | % SOUTH INST ¹⁰ | % SOUTH INDIV ¹¹ |
|-------------------|---------|-----------------------|------------------------------|-------------------------------------|------------------------------|------------------------------|-----------------------------|--------------------------------|---------------------------------|----------------------------|-----------------------------|
| PSP | R4494 | 1 | 1.027 | 0 | | | | | | | |
| PSP | R4510 | 2 | 3.214 | 1 | 11 | 4.309 | 0.628 | 7.109 | 6.791 | 0% | 0% |
| PSP | R4631 | 4 | 2.491 | 3 | 82 | 2.123 | 0.353 | 6.645 | 8.073 | 0% | 39% |
| PSP | R4632 | 1 | 2.271 | 0 | | | | | | | |
| PSP | R4633 | 2 | 2.287 | 0 | | | | | | | |
| PSP | R4635 | 1 | 0.675 | 0 | | | | | | | |
| PSP | R4659 | 3 | 12.54 | 0 | | | | | | | |
| PSP | R4663 | 3 | 1.6 | 2 | 9 | 1.318 | 0.318 | 7.856 | 9.322 | 0% | 0% |
| PSP | R4664 | 1 | 1.37 | 0 | | | | | | | |
| PSP | R4684 | 2 | 1.242 | 0 | | | | | | | |
| PSP | R4688 | 4 | 1.464 | 3 | 26 | 1.341 | 0.333 | 8.008 | 9.156 | 30% | 33% |
| PSP | R4747 | 1 | 2.271 | 0 | | | | | | | |
| PSP | R4825 | 3 | 2.172 | 0 | | | | | | | |
| PSP | R4827 | 1 | 3.82 | 1 | 40 | 2.274 | 0.373 | 7.013 | 8.795 | 0% | 0% |
| PSP | R4876 | 1 | 1.652 | 0 | | | | | | | |
| PSP | R4884 | 4 | 1.379 | 0 | | | | | | | |
| PSP | R4885 | 2 | 2.271 | 0 | | | | | | | |
| PSP | R5058 | 1 | 1.027 | 1 | 5 | 1.015 | 0.195 | 6.780 | 8.240 | 33% | 75% |
| PSP | R5059 | 5 | 0.214 | 2 | 55 | 1.705 | 0.243 | 6.660 | 8.613 | 42% | 8% |
| PSP | R5061 | 8 | 3.713 | 0 | | | | | | | |
| PSP | R5417 | 3 | 2.259 | 0 | | | | | | | |
| PSP | R5418 | 2 | 2.271 | 0 | | | | | | | |
| PSP | R5487 | 1 | 2.271 | 0 | | | | | | | |
| PSP | R5495 | 6 | 0.52 | 0 | | | | | | | |
| PSP | R5503 | 1 | 0.159 | 0 | | | | | | | |
| PSP | R6033 | 6 | 2.792 | 3 | 36 | 3.347 | 0.470 | 7.231 | 7.350 | 0% | 0% |
| PSP | R6041 | 2 | 1.776 | 0 | | | | | | | |
| PSP | R6121 | 1 | 17.72 | 1 | 20 | 4.125 | 0.832 | 5.950 | 6.720 | 0% | 67% |
| PSP | R6170 | 2 | 2.552 | 2 | 4 | 7.653 | 0.701 | 6.300 | 5.300 | 0% | 17% |
| PSP | R6185 | 3 | 0.397 | 3 | 13 | 0.564 | 0.285 | 10.000 | 10.000 | 0% | 0% |
| PSP | R6291 | 2 | 0.828 | 1 | 29 | 1.483 | 0.304 | 7.717 | 9.114 | 0% | 0% |
| PSP | R6343 | 7 | 4.556 | 6 | 310 | 2.619 | 0.410 | 6.337 | 7.218 | 0% | 8% |
| PSP | R6355 | 2 | 14 | 2 | 256 | 5.930 | 1.021 | 5.845 | 5.766 | 0% | 17% |
| PSP | R6356 | 1 | 1.423 | 0 | | | | | | | |
| PSP | R6373 | 1 | 1.027 | 1 | 3 | 1.405 | 0.277 | 8.333 | 9.167 | 50% | 0% |
| PSP | R6395 | 1 | 0.397 | 1 | 17 | 0.685 | 0.200 | 7.194 | 9.059 | 50% | 80% |
| PSP | R6396 | 4 | 1.78 | 1 | 7 | 0.805 | 0.220 | 5.529 | 8.229 | 0% | 0% |

| PROG ¹ | PROJECT | PEER REV ² | AV IMPACT (PUB) ³ | ARTICLES CITED (>1997) ⁴ | TOTAL CITATIONS ⁵ | AV IMPACT (CIT) ⁶ | AV IMMEDIATE (CIT) ⁷ | AV CITED HL (CIT) ⁸ | AV CITING HL (CIT) ⁹ | % SOUTH INST ¹⁰ | % SOUTH INDIV ¹¹ |
|-------------------|---------|-----------------------|------------------------------|-------------------------------------|------------------------------|------------------------------|---------------------------------|--------------------------------|---------------------------------|----------------------------|-----------------------------|
| PSP | R6438 | 3 | 1.416 | 2 | 22 | 1.935 | 0.289 | 7.082 | 8.205 | 39% | 40% |
| PSP | R6451 | 6 | 3.174 | 1 | 7 | 2.133 | 0.378 | 8.183 | 8.343 | 50% | 0% |
| PSP | R6453 | 2 | 4.101 | 1 | 47 | 2.475 | 0.330 | 6.576 | 7.067 | 0% | 0% |
| PSP | R6632 | 1 | 2.271 | 0 | | | | | | | |
| PSP | R6636 | 1 | 0.705 | 1 | 5 | 0.437 | 0.031 | 4.860 | 7.820 | 50% | 67% |
| PSP | R6673 | 1 | 2.271 | 1 | 6 | 3.291 | 0.420 | 5.933 | 6.950 | 0% | 0% |
| PSP | R6714 | 2 | 5.933 | 2 | 38 | 2.246 | 0.462 | 7.103 | 8.071 | 75% | 33% |
| PSP | R6748 | 2 | 0.531 | 2 | 12 | 0.910 | 0.200 | 7.350 | 9.075 | 25% | 38% |
| PSP | R6830 | 6 | 3.675 | 5 | 121 | 3.191 | 0.465 | 7.671 | 6.956 | 6% | 13% |
| PSP | R6948 | 3 | 3.456 | 2 | 84 | 2.778 | 0.445 | 6.271 | 7.040 | 0% | 8% |
| PSP | R6951 | 2 | 2.137 | 2 | 12 | 1.993 | 0.312 | 7.100 | 8.067 | 0% | 17% |
| PSP | R7122 | 1 | 0.705 | 1 | 6 | 0.863 | 0.080 | 7.840 | 9.400 | 0% | 0% |
| PSP | R7212 | 4 | 1.012 | 2 | 6 | 0.912 | 0.204 | 7.317 | 8.533 | 54% | 42% |
| PSP | R7379 | 1 | 1.264 | 0 | | | | | | | |
| PSP | R7438 | 4 | 0.558 | 4 | 13 | 0.682 | 0.255 | 8.192 | 9.785 | 66% | 64% |
| PSP | R7294 | 1 | 7.517 | 1 | 9 | 6.114 | 1.104 | 5.900 | 7.133 | 0% | 0% |
| PSP | R7417 | 1 | 2.287 | 1 | 8 | 0.776 | 0.170 | 5.275 | 8.829 | 50% | 38% |
| PSP | R7435 | 4 | 1.634 | 4 | 27 | 2.766 | 0.407 | 6.781 | 7.600 | 25% | 23% |
| PSP | R7440 | 2 | 0.854 | 2 | 3 | 1.027 | 0.340 | 6.200 | 8.900 | 50% | 60% |
| PSP | R7548 | 1 | 2.287 | 0 | | | | | | | |
| PSP | R8031 | 5 | 3.457 | 5 | 29 | 2.909 | 0.527 | 6.919 | 8.028 | 0% | 5% |
| PSP | R8071 | 1 | 0.705 | 0 | | | | | | | |
| PSP | R8099 | 3 | 0.546 | 3 | 5 | 0.892 | 0.233 | 8.980 | 9.140 | 67% | 64% |
| PSP | R8183 | 6 | 1.759 | 4 | 13 | 2.320 | 0.403 | 6.269 | 7.992 | 84% | 53% |
| TOTAL | | 158 | 2.618 | 80 | 1396 | 2.253 | 0.384 | 6.981 | 8.104 | 23% | 25% |

¹ RNRRP programme reference;

² Total peer reviewed articles;

³ Average impact of peer reviewed publications;

⁴ Total number of peer reviewed articles cited after 1997 (registered in Science Citation Index);

⁵ Total number of citations from [4];

⁶ Average impact of journals in which articles have been cited;

⁷ Average immediacy of journals in which articles have been cited;

⁸ Average cited half-life of journals in which articles have been cited;

⁹ Average citing half-life of journals in which articles have been cited;

¹⁰ Percentage of author institutions from the South;

¹¹ Estimated percentage of author individuals from the South