Additional File 1. Search strategy (PubMed, CINAHL, PsycInfo, Web of Science and Scopus)

PubMed search algorithm

|  |  |
| --- | --- |
| Number | Search term |
| #1 | Social isolation [MeSH Terms] |
| #2 | Social exclu\* |
| #3 | Lonel\* |
| #4 | #1 OR #2 OR #3 |
| #5 | Dementia [MeSH Terms] |
| #6 | Mild cognitive impairment |
| #7 | #5 OR #6 |
| #8 | #4 AND #7 |

CINAHL search algorithm:

|  |  |
| --- | --- |
| S1 | “Social isolat\*” |
| S2 | “Social exclu\*” |
| S3 | “Lonel\*” |
| S4 | S1 OR S2 OR S3 |
| S5 | Dementia |
| S6 | Mild cognitive impairment |
| S7 | S5 OR S6 |
| S8 | S4 AND S7 |

PsycInfo search algorithm:

|  |  |
| --- | --- |
| 1 | Social isolat\*.ti |
| 2 | Social isolat\*.ab |
| 3 | Social exclu\*.ti |
| 4 | Social exclu\*.ab |
| 5 | Lonel\*.ti |
| 6 | Lonel\*.ab |
| 7 | 1 OR 2 OR 3 OR 4 OR 5 OR 6 |
| 8 | Dementia.ti |
| 9 | Dementia.ab |
| 10 | Mild cognitive impairment.ti |
| 11 | Mild cognitive impairment.ab |
| 12 | 8 OR 9 OR 10 OR 11 |
| 13 | 7 AND 12 |

Web of Science search algorithm:

|  |  |
| --- | --- |
| 1 | TS=(Social isolat\*) |
| 2 | TS =(Social exclu\*) |
| 3 | TS=(Lonel\*) |
| 4 | #1 OR #2 OR #3 |
| 5 | TS=(Dementia) |
| 6 | TS=(Mild cognitive impairment) |
| 7 | #5 OR #6 |
| 8 | #4 AND #7 |

Scopus search algorithm:

|  |  |
| --- | --- |
| 1 | TITLE-ABS-KEY ( {social isolation} ) |
| 2 | TITLE-ABS-KEY ( {social exclusion} ) |
| 3 | TITLE-ABS-KEY ( {loneliness} ) |
| 4 | 1 OR 2 OR 3 |
| 5 | TITLE-ABS-KEY ( {dementia} ) |
| 6 | TITLE-ABS-KEY ( {mild cognitive impairment} ) |
| 7 | 5 OR 6 |
| 8 | 4 AND 7 |