**Appendix 1: Search terms**

**Table A. General search terms**

|  |  |
| --- | --- |
| **Loneliness search terms** | **Lonel\*** |
| Community dwelling older adults search terms | “Community dwelling”Communit\*“community-dwelling”independen\*home\*"living at home"“independent living”“dwelling at home”“home-dwelling”“home dwelling” community setting\*community environment\*community network\* |
| Older people search terms (required for some databases without age limit option)  | Old\*Aged\*Ag?ing Elder\*Senior\* Geriatric\*Older\* Pensioner\*“Later life” |
| Articles specific about prevalence or incidence  | Prevalen\*Incidence\*Frequenc\*Number\*Level\*Amount\*Proportion\* |

# **Table B. Search terms Web of Science**

|  |  |
| --- | --- |
| #1 | TI= (lonel\*) *Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI Timespan=All years* |
| #2 | TS = (“community dwelling” OR communit\* OR “community-dwelling” OR independen\* OR home\* OR "living at home" OR “independent living” OR “dwelling at home” OR “home-dwelling” OR (community setting\*) OR (community environment\*) OR (community network\*) ) *Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI Timespan=All years* |
| #3 | TS = (old\* OR aged\* OR ag?ing OR elder\* OR senior\* OR geriatric\* OR older\* OR pensioner\* OR “later life”) *Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI Timespan=All years* |
| #4 | TS = (prevalen\* OR incidence\* OR frequenc\* OR number\* OR level\* OR amount\* OR proportion\*) *Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI Timespan=All years* |
| #5 | #4 AND #3 AND #2 AND #1 *Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI Timespan=All years* |

# **Table C. Search terms Pubmed**

|  |  |
| --- | --- |
| #1 | Search: "lonel\*"[Title] |
| #2 | Search: **"Aged"[Mesh] OR "Aged, 80 and over"[Mesh]** |
| #3 | Search: **"prevalence" OR "incidence" OR "frequency" OR "number" OR "level" OR "amount" OR "proportion"** |
| #4 | Search: **#1 AND #2 AND #3** |
| #5 | Search: **#4 NOT "Nursing Homes"[Mesh]**("lonel\*"[Title] AND ("Aged"[MeSH Terms] OR "aged, 80 and over"[MeSH Terms]) AND ("prevalence"[All Fields] OR "incidence"[All Fields] OR "frequency"[All Fields] OR "number"[All Fields] OR "level"[All Fields] OR "amount"[All Fields] OR "proportion"[All Fields])) NOT "Nursing Homes"[MeSH Terms] |

# **Table D. Search terms Cochrane**

|  |  |
| --- | --- |
| #1 | MeSH descriptor: [Loneliness] explode all trees |
| #2 | MeSH descriptor: [Aged] explode all trees |
| #3 | MeSH descriptor: [Aged, 80 and over] explode all trees |
| #4 | #2 OR #3 |
| #5 | #1 AND #4 |

# **Table E. Search terms Sociological Abstracts**

|  |  |
| --- | --- |
| #1 | ti(lonel\*) |
| #2 | noft(old\* OR aged\* OR ag?ing OR elder\* OR senior\* OR geriatric\* OR older\* OR pensioner\* OR “later life”) |
| #3 | noft(“community dwelling” OR communit\* OR “community-dwelling” OR independen\* OR home\* OR "living at home" OR “independent living” OR “dwelling at home” OR “home-dwelling” OR (community setting\*) OR (community environment\*) OR (community network\*)) |
| #4 | noft(frequenc\* OR number\* OR level\* OR amount\* OR proportion\* OR prevalen\* OR incidence\*) |
| #5 | ti(lonel\*) AND noft(old\* OR aged\* OR ag?ing OR elder\* OR senior\* OR geriatric\* OR older\* OR pensioner\* OR "later life") AND noft("community dwelling" OR communit\* OR "community-dwelling" OR independen\* OR home\* OR "living at home" OR "independent living" OR "dwelling at home" OR "home-dwelling" OR (community setting\*) OR (community environment\*) OR (community network\*)) AND noft(prevalen\* OR incidence\*) |
| #6 | (ti(lonel\*) AND noft(old\* OR aged\* OR ag?ing OR elder\* OR senior\* OR geriatric\* OR older\* OR pensioner\* OR "later life") AND noft("community dwelling" OR communit\* OR "community-dwelling" OR independen\* OR home\* OR "living at home" OR "independent living" OR "dwelling at home" OR "home-dwelling" OR (community setting\*) OR (community environment\*) OR (community network\*)) AND (noft(frequenc\* OR number\* OR level\* OR amount\* OR proportion\* OR prevalen\* OR incidence\*))) AND PEER(yes) |

# **Table F. Search terms Social Services Abstracts**

|  |  |
| --- | --- |
| #1 | ti(lonel\*) |
| #2 | noft(old\* OR aged\* OR ag?ing OR elder\* OR senior\* OR geriatric\* OR older\* OR pensioner\* OR “later life”) |
| #3 | noft(“community dwelling” OR communit\* OR “community-dwelling” OR independen\* OR home\* OR "living at home" OR “independent living” OR “dwelling at home” OR “home-dwelling” OR (community setting\*) OR (community environment\*) OR (community network\*)) |
| #4 | noft(frequenc\* OR number\* OR level\* OR amount\* OR proportion\* OR prevalen\* OR incidence\*) |
| #5 | ti(lonel\*) AND noft(old\* OR aged\* OR ag?ing OR elder\* OR senior\* OR geriatric\* OR older\* OR pensioner\* OR "later life") AND noft("community dwelling" OR communit\* OR "community-dwelling" OR independen\* OR home\* OR "living at home" OR "independent living" OR "dwelling at home" OR "home-dwelling" OR (community setting\*) OR (community environment\*) OR (community network\*)) AND noft(prevalen\* OR incidence\*) |
| #6 | (ti(lonel\*) AND noft(old\* OR aged\* OR ag?ing OR elder\* OR senior\* OR geriatric\* OR older\* OR pensioner\* OR "later life") AND noft("community dwelling" OR communit\* OR "community-dwelling" OR independen\* OR home\* OR "living at home" OR "independent living" OR "dwelling at home" OR "home-dwelling" OR (community setting\*) OR (community environment\*) OR (community network\*)) AND (noft(frequenc\* OR number\* OR level\* OR amount\* OR proportion\* OR prevalen\* OR incidence\*))) AND PEER(yes) |

# **Table G. Search terms PsycINFO**

|  |  |
| --- | --- |
| #1 | ti(lonel\*) |
| #2 | noft(old\* OR aged\* OR ag?ing OR elder\* OR senior\* OR geriatric\* OR older\* OR pensioner\* OR “later life”) |
| #3 | noft(“community dwelling” OR communit\* OR “community-dwelling” OR independen\* OR home\* OR "living at home" OR “independent living” OR “dwelling at home” OR “home-dwelling” OR (community setting\*) OR (community environment\*) OR (community network\*)) |
| #4 | noft(frequenc\* OR number\* OR level\* OR amount\* OR proportion OR prevalen\* OR incidence\*) |
| #5 | ti(lonel\*) AND noft(old\* OR aged\* OR ag?ing OR elder\* OR senior\* OR geriatric\* OR older\* OR pensioner\* OR "later life") AND noft("community dwelling" OR communit\* OR "community-dwelling" OR independen\* OR home\* OR "living at home" OR "independent living" OR "dwelling at home" OR "home-dwelling" OR (community setting\*) OR (community environment\*) OR (community network\*)) AND noft(prevalen\* OR incidence\*) |
| #6 | (ti(lonel\*) AND noft(old\* OR aged\* OR ag?ing OR elder\* OR senior\* OR geriatric\* OR older\* OR pensioner\* OR "later life") AND noft("community dwelling" OR communit\* OR "community-dwelling" OR independen\* OR home\* OR "living at home" OR "independent living" OR "dwelling at home" OR "home-dwelling" OR (community setting\*) OR (community environment\*) OR (community network\*)) AND (noft(frequenc\* OR number\* OR level\* OR amount\* OR proportion\* OR prevalen\* OR incidence\*))) AND PEER(yes) |

# **Table H. Search terms Embase**

|  |  |
| --- | --- |
| #1 | loneliness:ti |
| #2 | prevalence OR incidence OR frequency OR number OR level OR amount OR proportion |
| #3 | old\* OR aged\* OR ag?ing OR elder\* OR senior\* OR geriatric\* OR older\* OR pensioner\* OR 'later life' |
| #4 | #1 AND #2 AND #3 |
| #5 | #4 NOT 'nursing home'(loneliness:ti AND (prevalence OR incidence OR frequency OR number OR level OR amount OR proportion) AND (old\* OR aged\* OR ag?ing OR elder\* OR senior\* OR geriatric\* OR older\* OR pensioner\* OR 'later life')) NOT (nursing AND home) |

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