

Supplementary file 1: Example search strategy

SCI-Dem search strategy 3.0

Databases:

EBSCOhost: **Academic Search Complete, CINAHL, MEDLINE, PsychINFO**

Other health and social care databases: **AMED, Embase, PubMed, Social Care Online**

Interdisciplinary databases: **ProQuest, Scopus**

Other/general: **Google Scholar**

Basic search foundation (key terms in research question):

Key terms	String of related terms
Dementia	Dementia
Community	Commun* OR Local* OR Social*
Intervention	Intervention OR Program* OR Project OR Initiative OR Scheme OR Service OR Activit* OR Group OR Club OR Network OR Meeting OR Therapy
Sustainability	Sustain* OR Maint* OR Manag* OR Facilitat* OR Barrier*

AND ONE OF THE FOLLOWING STRINGS (themes from preliminary programme theory to narrow search):

Search 1:

Key term	String of related terms
Implementation and engagement	Implement* OR Recruit* OR Engag*

Dementia AND (Commun* OR Local* OR Social*) AND (Intervention OR Program* OR Project OR Initiative OR Scheme OR Service OR Activit* OR Group OR Club OR Network OR Meeting OR Therapy) AND (Sustain* OR Maint* OR Manag* OR Facilitat* OR Barrier*) AND (Implement* OR Recruit* OR Engag*)

Search 2:

Key term	String of related terms
Network and marketing	Marketing OR Network* OR Links OR Collaborat* OR Partnership*

Dementia AND (Commun* OR Local* OR Social*) AND (Intervention OR Program* OR Project OR Initiative OR Scheme OR Service OR Activit* OR Group OR Club OR Network OR Meeting OR Therapy) AND (Sustain* OR Maint* OR Manag* OR Facilitat* OR Barrier*) AND (Marketing OR Network* OR Links OR Collaborat* OR Partnership*)

Search 3:

Key term	String of related terms
Funding	Fund* OR Grant OR Bid* OR Tender* OR Contract OR Commission*

Dementia AND (Commun* OR Local* OR Social*) AND (Intervention OR Program* OR Project OR Initiative OR Scheme OR Service OR Activit* OR Group OR Club OR Network OR Meeting OR Therapy) AND (Sustain* OR Maint* OR Manag* OR Facilitat* OR Barrier*) AND (Fund* OR Grant OR Bid* OR Tender* OR Contract OR Commission*)

Search 4:

Key term	String of related terms
Stigma and anxiety	Stigma OR Shame OR Fear OR Anxiety OR Worry

Dementia AND (Commun* OR Local* OR Social*) AND (Intervention OR Program* OR Project OR Initiative OR Scheme OR Service OR Activit* OR Group OR Club OR Network OR Meeting OR Therapy) AND (Sustain* OR Maint* OR Manag* OR Facilitat* OR Barrier*) AND (Stigma OR Shame OR Fear OR Anxiety OR Worry)