

### Supplementary Table 1 Search queries

| Database                                    | Query   | Hits |
|---|---|------|
| Web of Science<br>(search date: 01/12/2020) | <p>TS = ('suicid*' OR 'death wish*') AND TS = (depress* OR MDD) AND TS = (old* or 'late\$ life' or elderly)</p> <p>FILTERING: LANGUAGE: ( ENGLISH OR SPANISH )<br/>AND [excluding] DOCUMENT TYPE: ( LETTER OR NEWS OR OTHER OR ABSTRACT OR CORRECTION OR REVIEW OR EDITORIAL OR BOOK OR PATENT OR CASE REPORT OR REFERENCE MATERIAL OR BIOGRAPHY OR MEETING )</p> <p>TS=(self\$harm OR self\$injur* OR self\$mutilat* OR self\$destruct* OR self\$poison* OR self\$inflict* OR auto\$mutilat*) AND TS=(depress* OR MDD) AND TS=(old* or 'late\$ life' or elderly)</p> <p>TS = ('suicid*' OR 'death wish*') AND TS = (sad OR sadness) AND TS = (old* or 'late\$ life' or elderly)</p> <p>TS = (self\$harm OR self\$injur* OR self\$mutilat* OR self\$destruct* OR self\$poison* OR self\$inflict* OR auto\$mutilat*) AND TS = (sad OR sadness) AND TS = (old* or 'late\$ life' or elderly)</p> | 2008 |
| PubMed<br>(search date: 01/12/2020)         | <p>("Suicide"[Mesh] OR "Suicide, Attempted"[Mesh] OR "Suicide, Completed"[Mesh]) AND ("Depression"[Mesh] OR "Depressive Disorder"[Mesh] OR "Depressive Disorder, Treatment-Resistant"[Mesh] OR "Depressive Disorder, Major"[Mesh]) AND "Aged"[Mesh]</p>   | 2363 |

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FILTERING: Journal Article, Humans, English, Spanish,  
Aged: 65+ years  
("Suicide"[Mesh] OR "Suicide, Attempted"[Mesh] OR 3  
"Suicide, Completed"[Mesh]) AND "Sadness"[Mesh]  
AND "Aged"[Mesh]  
(suicid\* OR 'death wish\*') AND (depress\* OR MDD) 4972  
AND (old\* or 'late life' or elderly)

FILTERING: Journal Article, Humans, English, Spanish,  
Aged: 65+ years

SCOPUS TITLE-ABS-KEY [suicid\* OR (death AND wish\*) OR 2297  
(search date: (wish AND to AND die)] AND TITLE-ABS-KEY  
01/12/2020) (depress\* OR mdd ) AND TITLE-ABS-KEY [old\* OR  
(late\$ AND life) OR elderly]]

FILTERING: [EXCLUDE (DOCTYPE, "bk") OR  
EXCLUDE (DOCTYPE, "er") OR EXCLUDE  
(DOCTYPE, "re") OR EXCLUDE (DOCTYPE, "cp") OR  
EXCLUDE (DOCTYPE, "ch") OR EXCLUDE  
(DOCTYPE, "le") OR EXCLUDE (DOCTYPE, "ed") OR  
EXCLUDE (DOCTYPE, "no") OR EXCLUDE  
(DOCTYPE, "sh") OR EXCLUDE (DOCTYPE, "cr") OR  
EXCLUDE (DOCTYPE, "Undefined")] AND (LIMIT-TO  
(LANGUAGE, "English") OR LIMIT-TO (LANGUAGE,  
"Spanish")) AND (EXCLUDE (EXACTKEYWORD,  
"Adolescent") OR EXCLUDE (EXACTKEYWORD,  
"Case Report") OR EXCLUDE (EXACTKEYWORD,  
"Young Adult") OR EXCLUDE (EXACTKEYWORD,  
"Child"))

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TITLE-ABS-KEY (self\$harm OR self\$injur\* OR 2  
self\$mutilat\* OR self\$destruct\* OR self\$poison\* OR  
self\$inflict\* OR auto\$mutilat\*) AND TITLE-ABS-KEY  
(depress\* OR mdd) AND TITLE-ABS-KEY (old\* OR  
(late\$ AND life) OR elderly)

FILTERING: (EXCLUDE (DOCTYPE, "bk") OR  
EXCLUDE (DOCTYPE, "er" ) OR EXCLUDE  
( DOCTYPE , "re" ) OR EXCLUDE ( DOCTYPE , "cp" )  
OR EXCLUDE ( DOCTYPE , "ch" ) OR EXCLUDE  
( DOCTYPE , "le" ) OR EXCLUDE ( DOCTYPE , "ed" )  
OR EXCLUDE ( DOCTYPE , "no" ) OR EXCLUDE  
( DOCTYPE , "sh" ) OR EXCLUDE ( DOCTYPE , "cr" )  
OR EXCLUDE ( DOCTYPE , "Undefined" ) ) AND  
( LIMIT-TO ( LANGUAGE , "English" ) OR LIMIT-TO  
( LANGUAGE , "Spanish" ) ) AND ( EXCLUDE  
( EXACTKEYWORD , "Adolescent" ) OR EXCLUDE  
( EXACTKEYWORD , "Case Report" ) OR EXCLUDE  
( EXACTKEYWORD , "Young Adult" ) OR EXCLUDE  
( EXACTKEYWORD , "Child" ) )

TITLE-ABS-KEY (self\$harm OR self\$injur\* OR  
self\$mutilat\* OR self\$destruct\* OR self\$poison\* OR 0  
self\$inflict\* OR auto\$mutilat\*) AND TITLE-ABS-KEY  
( sad OR sadness ) AND TITLE-ABS-KEY ( old\* OR  
( late\$ AND life ) OR elderly )

FILTERING: (EXCLUDE ( DOCTYPE , "bk" ) OR  
EXCLUDE ( DOCTYPE , "er" ) OR EXCLUDE

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( DOCTYPE , "re" ) OR EXCLUDE ( DOCTYPE , "cp" )  
OR EXCLUDE ( DOCTYPE , "ch" ) OR EXCLUDE  
( DOCTYPE , "le" ) OR EXCLUDE ( DOCTYPE , "ed" )  
OR EXCLUDE ( DOCTYPE , "no" ) OR EXCLUDE  
( DOCTYPE , "sh" ) OR EXCLUDE ( DOCTYPE , "cr" )  
OR EXCLUDE ( DOCTYPE , "Undefined" ) ) AND  
( LIMIT-TO ( LANGUAGE , "English" ) OR LIMIT-TO  
( LANGUAGE , "Spanish" ) ) AND ( EXCLUDE  
( EXACTKEYWORD , "Adolescent" ) OR EXCLUDE  
( EXACTKEYWORD , "Case Report" ) OR EXCLUDE  
( EXACTKEYWORD , "Young Adult" ) OR EXCLUDE  
( EXACTKEYWORD , "Child" ) )

TITLE-ABS-KEY ( suicid\* OR ( death AND wish\* ) 63  
OR ( wish AND to AND die ) ) AND TITLE-ABS-  
KEY ( sad OR sadness ) AND TITLE-ABS-KEY ( old\*  
OR ( late\$ AND life ) OR elderly )

FILTERING: ( EXCLUDE ( DOCTYPE , "bk" ) OR  
EXCLUDE ( DOCTYPE , "er" ) OR EXCLUDE  
( DOCTYPE , "re" ) OR EXCLUDE ( DOCTYPE , "cp" )  
OR EXCLUDE ( DOCTYPE , "ch" ) OR EXCLUDE  
( DOCTYPE , "le" ) OR EXCLUDE ( DOCTYPE , "ed" )  
OR EXCLUDE ( DOCTYPE , "no" ) OR EXCLUDE  
( DOCTYPE , "sh" ) OR EXCLUDE ( DOCTYPE , "cr" )  
OR EXCLUDE ( DOCTYPE , "Undefined" ) ) AND  
( LIMIT-TO ( LANGUAGE , "English" ) OR LIMIT-TO  
( LANGUAGE , "Spanish" ) ) AND ( EXCLUDE  
( EXACTKEYWORD , "Adolescent" ) OR EXCLUDE  
( EXACTKEYWORD , "Case Report" ) OR EXCLUDE  
( EXACTKEYWORD , "Young Adult" ) OR EXCLUDE

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( EXACTKEYWORD, "Child" ))  
Psychinfo (suicid\*' OR 'death wish\*' OR 'wish to die') AND 3505  
(search date: (depress\* OR MDD) AND (old\* or 'late\$ life' or elderly)  
01/12/2020) FILTERING: Journal Article & LENGUAGE: Spanish or 958  
English; Age group: Aged (65 Yrs & Older) OR Very  
Old (85 Yrs & Older); Humans

(self\$harm OR self\$injur\* OR self\$mutilat\* OR  
self\$destruct\* OR self\$poison\* OR self\$inflict\* OR  
auto\$mutilat\*) AND ( depress\* OR mdd ) AND  
( old\* OR ( late\$ AND life ) OR elderly )

[SAME FILTERING]

(self\$harm OR self\$injur\* OR self\$mutilat\* OR 23  
self\$destruct\* OR self\$poison\* OR self\$inflict\* OR  
auto\$mutilat\*) AND ( sad OR sadness ) AND ( old\* OR  
( late\$ AND life ) OR elderly )

[SAME FILTERING]

( suicid\* OR ( death AND wish\* ) OR ( wish AND to 88  
AND die ) ) AND ( sad OR sadness ) AND ( old\*  
OR ( late\$ AND life ) OR elderly )

[SAME FILTERING]

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