

## **Supplemental Table S1. Search details**

Searches conducted in Medline (including Medline in Process and other non-indexed citations, ePubs and Medline Daily), Embase, PsycINFO and Cumulative Index to Nursing and Allied Health Literature (CINAHL). Searches were limited from January 2007 to September 2017. Searches were limited to English language papers, and to an adult, human population when possible.

### **PRE-DUPLICATE REMOVAL**

*Total Results: 10158*

Medline: 2498

Embase: 3743

PsycINFO: 2199

CINAHL: 1718

### **POST-DUPLICATE REMOVAL**

*Total Results: 5549*

Medline: 2122

Embase: 1812

PsycINFO: 1061

CINAHL: 554

Database: Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed

Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

Search Strategy:

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1. [CONCEPT 1: Family Caregiver]
2. (family OR families OR kid OR kids OR child\* OR son OR sons OR daughter\* OR offspring OR spouse\* OR partner OR husband\* OR wife OR wives OR sibling\* OR grandchild\* OR parent\* OR sister\* OR brother\* OR uncle\* OR aunt\* OR niece\* OR nephew\* OR cousin\*).tw, kf
3. Adult Children/ OR Spouses/ OR Siblings/ OR Only Child/ OR Nuclear Family/ OR exp Parents/ OR Family/
4. 2 OR 3
5. (care OR caring OR caregiving or carer\* or caregiver\* OR cares OR caretaker\*).tw, kf
6. Caregivers/
7. 5 OR 6
8. 4 AND 7
9. [CONCEPT 2: Dementia]
10. Dementia/ OR Frontotemporal Dementia/ OR Dementia, Multi-Infarct/ OR AIDS Dementia Complex/ OR Alzheimer Disease/ OR Dementia, Vascular/
11. (dementia\* OR alzheimer\* OR Lewy Bod\*).tw, kf
12. 10 OR 11
13. [CONCEPT 3: Burden]
14. (stress\* OR burden\* OR issue\* OR outcome\* OR experience\* OR strain\*).tw, kf
15. Stress, Psychological/ OR Stress, Physiological/
16. 14 OR 15

17. 8 AND 12 AND 16

Database: Embase <1974 to 2017 September 10>

Search Strategy:

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1. [CONCEPT 1: Family Caregiver]

2. (family OR families OR kid OR kids OR child\* OR son OR sons OR daughter\* OR offspring OR spouse\* OR partner OR husband\* OR wife OR wives OR sibling\* OR grandchild\* OR parent\* OR sister\* OR brother\* OR uncle\* OR aunt\* OR niece\* OR nephew\* OR cousin\*).tw,kw

3. Daughter/ OR Spouse/ OR Sibling/ OR Only Child/ OR Nuclear Family/ OR Son/ OR adult child/ OR grandchild/ OR exp parent/ OR Family/

4. 2 OR 3

5.(care OR caring OR caregiving or carer\* or caregiver\* OR cares OR caretaker\*).tw,kw

6. Caregiver/

7. 5 OR 6

8. 4 AND 7

9. [CONCEPT 2: Dementia]

10. Dementia/ OR Frontotemporal Dementia/ OR Multinfarct Dementia/ OR HIV Associated Dementia/ OR Alzheimer Disease/ OR Frontal Variant Frontotemporal dementia/ OR Diffuse Lewy Body Disease/ OR Presenile Dementia/

11. (dementia\* OR alzheimer\* OR Lewy Bod\*).tw,kw

12. 10 OR 11

13. [CONCEPT 3: Burden]

14. (stress\* OR burden\* OR issue\* OR outcome\* OR experience\* or strain\*).tw,kw

15. Stress/ OR exp Chronic Stress/ OR Emotional Stress/ OR Acute Stress/ OR Burnout/ OR Family Stress/ OR Home Stress/ OR Interpersonal Stress/ OR Mental Stress/ OR Paternal Stress/ OR Role Stress/

16. 14 OR 15

17. 8 AND 12 AND 16

18. Caregiver Burden/ OR Caregiver Strain Index/ OR Caregiver Support/

19. 4 AND 18 AND 12

20. 19 OR 17

Database: PsycINFO <1806 to September Week 1 2017>

Search Strategy:

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1. [CONCEPT 1: Family Caregiver]

2. (family OR families OR kid OR kids OR child\* OR son OR sons OR daughter\* OR offspring OR spouse\* OR partner OR husband\* OR wife OR wives OR sibling\* OR grandchild\* OR parent\* OR sister\* OR brother\* OR uncle\* OR aunt\* OR niece\* OR nephew\* OR cousin\*).tw

3. Family Members/ OR Adopted Children/ OR Adult Offspring/ OR Biological Family/ OR Cousins/ OR Grandchildren/ OR Daughters/ OR Spouses/ OR Sibling/ OR Stepchildren/ OR Inlaws/ OR Sons/ OR Husbands/ OR Wives/ OR Siblings/ OR Sisters/ OR Brothers/ OR Only Children/ OR Significant Others/ OR Nuclear Family/ OR Stepfamily/ OR family/

4. 2 OR 3

5. (care OR caring OR caregiving or carer\* or caregiver\* OR cares OR caretaker\*).tw
6. Caregivers/ OR Elder Care/ OR Home Care/
7. 5 OR 6
8. 4 AND 7
9. [CONCEPT 2: Dementia]
10. Dementia/ OR AIDS Dementia Complex/ OR Dementia with Lewy Bodies/ OR Vascular Dementia/ OR Semantic Dementia/ OR Senile Dementia/ OR Presenile Dementia/ OR Alzheimer's Disease/
11. (dementia\* OR alzheimer\* OR Lewy Bod\*).tw
12. 10 OR 11
13. [CONCEPT 3: Burden]
14. (stress\* OR burden\* OR issue\* OR outcome\* OR experience\* or strain\*).tw
15. Stress/ OR Chronic Stress/ OR Environmental Stress/ OR Financial Strain/ OR Social Stress/ OR Psychological Stress/ OR Physiological Stress/
16. 14 OR 15
17. 8 AND 12 AND 16
18. Caregiver Burden/
19. 4 AND 18 AND 12
20. 19 OR 17

Database: CINAHL <1981 to present>

Search Strategy:

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1. [CONCEPT 1: Family Caregiver]
2. TI (family OR families OR kid OR kids OR child\* OR son OR sons OR daughter\* OR offspring OR spouse\* OR partner OR husband\* OR wife OR wives OR sibling\* OR grandchild\* OR parent\* OR sister\* OR brother\* OR uncle\* OR aunt\* OR niece\* OR nephew\* OR cousin\*).
3. AB (family OR families OR kid OR kids OR child\* OR son OR sons OR daughter\* OR offspring OR spouse\* OR partner OR husband\* OR wife OR wives OR sibling\* OR grandchild\* OR parent\* OR sister\* OR brother\* OR uncle\* OR aunt\* OR niece\* OR nephew\* OR cousin\*)
4. (MH "Family") OR (MH "Adult Children") OR (MH "Extended Family") OR (MH "Grandchildren") OR (MH "Grandparents") OR (MH "Nuclear Family") OR (MH "Daughters") OR (MH "Only Child") OR (MH "Spouses") OR (MH "Siblings") OR (MH "Parents") OR (MH "Adolescent Parents") OR (MH "Adoptive Parents") OR (MH "Biological Parents") OR (MH "Expectant Parents") OR (MH "Fathers") OR (MH "Mothers") OR (MH "Parents of Disabled Children") OR (MH "Single Parent") OR (MH "Sons")
5. 2 OR 3 OR 4
6. TI (care OR caring OR caregiving or carer\* or caregiver\* OR cares OR caretaker\*)
7. AB (care OR caring OR caregiving or carer\* or caregiver\* OR cares OR caretaker\*)
8. (MH "Caregivers")
9. 6 OR 7 OR 8
10. 5 AND 9
11. [CONCEPT 2: Dementia]
12. (MH "Lewy Body Disease") OR (MH "Kohlschutter-Tonz Syndrome") OR (MH "Frontotemporal Lobar Degeneration") OR (MH "Dementia, Multi-Infarct") OR (MH "Dementia, Vascular") OR (MH

"Creutzfeldt-Jakob Disease, Variant") OR (MH "Frontotemporal Dementia") OR (MH "Creutzfeldt-Jakob Syndrome") OR (MH "Alzheimer's Disease") OR (MH "AIDS Dementia Complex") OR (MH "Dementia")

13. TI (dementia\* OR alzheimer\* OR Lewy Bod\*)

14. AB (dementia\* OR alzheimer\* OR Lewy Bod\*)

15. 12 OR 13 OR 14

16. [CONCEPT 3: Burden]

17. TI (stress\* OR burden\* OR issue\* OR outcome\* OR experience\* or strain\*)

18. AB (stress\* OR burden\* OR issue\* OR outcome\* OR experience\* or strain\*)

19. (MH "Stress") OR (MH "Stress, Psychological") OR (MH "Compassion Fatigue") OR (MH "Critical Incident Stress") OR (MH "Minority Stress") OR (MH "Reality Shock") OR (MH "Role Stress") OR (MH "Debt, Financial")

20. 17 OR 18 OR 19

21. 10 AND 15 AND 20

22. (MH "Caregiver Strain Index") OR (MH "Caregiver Burden")

23. 5 AND 15 AND 22

24. 21 OR 23