**Supplementary online material**

**Appendix 1.** Full search strategy

Search on 23 may 2016

**OVID**

**Search Medline & Embase**

1. psychology.mp or exp Psychology/ or exp Psychology, Applied/ or exp Psychology, Child/ or exp Psychology, Adolescent/ or exp Psychology, Clinical/
2. exp Geriatric Psychiatry/ or psychiatry.mp or exp Community Psychiatry/ or exp Psychiatry/ or exp Child Psychiatry/ or exp Preventive Psychiatry/ or exp Biological Psychiatry/ or exp Adolescent Psychiatry/
3. mental$ disorder$/.mp or exp Mental Disorders/
4. exp Stress, Psychological/ or exp Mentally Ill Persons/ or mental$ ill$.mp.
5. mental health/mp or exp Mental Health/
6. (mental health adj1 (positive or negative)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]
7. mental$ distress$.mp.
8. (psychological adj1 (pain or well$ or health$)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]
9. mental well$.mp.
10. post-traumatic growth.mp.
11. post-traumatic stress disorder.mp. or exp Stress Disorders, Post-Traumatic/
12. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11
13. social capital.mp. or exp Social Capital/
14. (social capital adj1 (vertical or horizontal or cognitive or structural or ecological or bonding or bridging or linking)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]
15. (social adj1 (tie$ or cohesion or disorgan$ or depriva$ or isolat$ or connection$ or cooperat$ or exclu$ or inclu$ or network$ or integra$ or norm$)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]
16. Neighbo?rhood cohesion.mp.
17. collective efficacy.mp.
18. civic engagement.mp.
19. 13 or 14 or 15 or 16 or 17 or 18
20. disaster$.mp or exp Disasters/
21. war$.mp. or exp Warfare/
22. post-conflict.mp.
23. post-disaster.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier]
24. exp Relief Work/ or humanitarian aid.mp. or exp Disaster Planning/
25. post-emergency.mp.
26. 20 or 21 or 22 or 23 or 24 or 25
27. 12 and 19 and 26

**EBSCO**

**CINALH search**

S1. (MH "Psychology+") OR "psychology" OR (MM "Child Psychology") OR (MH "Psychology, Applied+") OR (MH "Psychology, Social+") OR (MM "Psychology, Clinical")  
S2. (MH "Psychiatry+") OR "psychiatry" OR (MM "Child Psychiatry") OR (MM "Geriatric Psychiatry") OR (MM "Adolescent Psychiatry") OR (MM "Social Work, Psychiatric") OR (MH "Psychiatric Patients+") OR (MM "Biological Psychiatry")

S3. (MH "Mental Disorders+")

S4. "mental disorder\*"

S5. (MM "Mental Health") OR "mental health"

S6. mental health N1 positive

S7. mental health N1 negative

S8. mental\* distress\*

S9. "psychological pain"

S10. psychological well\*

S11. psychological health\*

S12. mental well\*

S13. (MM "Stress Disorders, Post-Traumatic") OR "post traumatic stress disorder"

S14. "post traumatic growth"

S15. S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14

S16. (MM "Social Capital") OR "social capital"

S17. social capital N1 (vertical OR horizontal OR cognitive OR structural OR ecological OR bonding OR bridging OR linking)

S18. social N1 (tie\* OR cohesion OR disorgan\* OR depriva\* OR isolat\* OR connection\* OR cooperat\* OR exclu\* OR inclu\* OR network\* OR integra\* OR norm\*)

S19. Neighbo?rhood cohesion

S20. collective efficacy

S21. civic engagement

S22. S16 OR S17 OR S18 OR S19 OR S20 OR S21

S23. (MH "Disasters+") OR "disasters" OR (MM "Natural Disasters") OR (MH "Disaster Planning+")

S24. warfare

S25. post N1 (disaster OR emergency OR conflict)

S26. (MH "Stress Disorders, Post-Traumatic+")

S27. (MH "Humanitarian Aid+") OR "humanitarian aid"

S28. (MH "Disaster Planning+") OR "disaster planning"

S29. S23 OR S24 OR S25 OR S26 OR S27 OR S28

S30. S15 AND S22 AND S29

Limits used: peer reviewed (238), academic journals (229), all English (229), human (146)

\* there was no option to limit by methodology.

**PsycINFO search**

S1. MM "Psychology" OR MM "Social Psychology" OR DE "Clinical Psychology" OR MM "Child Psychology" OR DE "Applied Psychology"

S2. psychology

S3. MM "Psychiatry" OR MM "Adolescent Psychiatry" OR MM "Child Psychiatry" OR MM "Geriatric Psychiatry" OR MM "Social Psychiatry"

S4. psychiatry

S5. MM "Mental Disorders"

S6. mental disorder\*

S7. MM "Mental Health"

S8. mental health

S9. mental health N1 positive

S10. mental health N1 negative

S11. mental\* distress\*

S12. psychological pain

S13. psychological well\*

S14. psychological health\*

S15. mental well\*

S16. S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15

S17. MM "Social Capital"

S18. social capital

S19. social capital N1 (vertical OR horizontal OR cognitive OR structural OR ecological OR bonding OR bridging OR linking)

S20. social N1 (tie\* OR cohesion OR disorgan\* OR depriva\* OR isolat\* OR connection\* OR cooperat\* OR exclu\* OR inclu\* OR network\* OR integra\* OR norm\*)

S21. Neighbo?rhood cohesion

S22. collective efficacy

S23. civic engagement

S24. S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23

S25. MM "Disasters" OR MM "Natural Disasters"

S26. MM "Emergency Preparedness"

S27. disasters

S28. warfare

S29. post N1 (disaster OR emergency OR conflict)

S30. MM "Post-Traumatic Stress"

S31. MM "Posttraumatic Growth"

S32. humanitarian aid

S33. disaster planning

S34. S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33

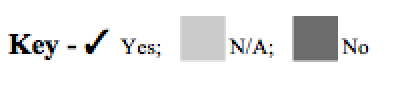
S35. S16 AND S24 AND S34

Appendix 2.

Table 1. List of mental health assessment measures in post-disaster settings

|  |  |
| --- | --- |
| **Study Reference** | **Assessment Measure Utilized** |
| Ali et al., 2012 | DTS (Davidson Trauma Scale) (Davidson, 1996) |
| Nakamura et al., 2015 | GHQ-12 (General Health Questionnaire) (Goldberg & Williams, 1988) |
| Wind et al., 2011 | HSCL-25 (Hopkins Symptom Checklist- 25) (Derogatis et al., 1974) |
| Yokoyama et al., 2014  Oyama et al., 2012 | K6 (Kessler Psychological Distress Scale)  K10 (Furukawa et al., 2008) |
| Chou et al., 2004 | MOS SF- 36 (Medical Outcome Study Short Form 36) (Ware et al., 1992) |
| Flores et al., 2014  Wind & Kromproe, 2012  Lowe et al., 2015 | PCL-C/PCL-S (PTSD Checklist- Civilian version/ PTSD Checklist for DSM-5/ PTSD Checklist-specific version) (Blanchard et al., 1996; Weathers et al., 1993) |
| Matsubara et al., 2014  Lowe et al., 2015 | PHQ-2/PHQ-9 (Patient Health Questionnaire-2/9) (Inagaki et al., 2013/ Kroenke et al., 2002) |
| McDermott et al., 2012 | PTSD-RI (Post-traumatic Stress Disorder Reaction Index) (Frederick, 1987) |
| Hikichi et al., 2016 | SQD (Screening Questionnaire for Disaster Related Mental Health) (Fuhi et al., 2008) |

**Appendix 3.**

**Table 4.** Quality assessment for post-disaster studies.

**Appendix 4.**

**Table 5.** Quality assessment for post-conflict studies.



