Supplementary Table 1

*Search terms used in electronic literature databases*

|  |  |
| --- | --- |
| Keyword | Search engine variants |
| Mental Health | health\*, wellbeing, well-being, mental health, mental disorder, PTSD, posttraumatic stress disorder, anxiety, anxious, hostility, schizophrenia, depress\*,CMD, alcohol, substance use, drug, psychosis, bipolar, psychotic. |
| Moral injury | moral injur\*, transgression\*, betray\*, morality, transgressive act\*. |
|  |  |
| Occupation | Veteran\*, military, army, marine\*, national service, territorial army, armed forces, special forces, RAF, air force, navy, service personnel, ex-service personnel, submariner\*,sailor\*, seamen, seaman, airmen, airman, soldier\*, troop\*, enlisted personnel, armed forces, armed services, journalist, police\*, fireman, firemen, firefighter\*, teacher\*, humanitarian aid worker\*, relief aid worker, social worker, disaster responder. |

Supplementary Table 2

*Study methodological quality ratings*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Study | Clear statement of aims/ description of target population | Study design evident and appropriate | Use of random sampling | Sample size appropriate | Response rate/follow-up rate >60% | Use of standardised/validated measures | Analytic methods described/justified and appropriate |
| Bakcholm & Idas, 2015 | 1 | 1 | 0 | 1 | 1 | 0 | 1 |
|  |  |
| Bryan et al., 2014a | 1 | 1 | 0 | 1 | 0 | 1 | 1 |
|  |  |
|  |  |
|  |  |
| Bryan et al., 2016a | 1 | 1 | 1 | 1 | 0 | 1 | 1 |
| Crane et al., 2015 | 1 | 1 | 0 | 1 | 0 | 0 | 1 |
| Currier et al., 2015a | 1 | 1 | 1 | 1 | 0 | 0 | 1 |
| Currier et al., 2015b | 1 | 1 | 0 | 1 | 1 | 0 | 1 |
| Dennis et al., 2017 | 1 | 1 | 0 | 1 | 0 | 0 | 1 |
| Ferrajão & Oliveira, 2014 | 1 | 1 | 1 | 0 | 0 | 0 | 1 |
| Komarovskaya, et al., 2011 | 1 | 1 | 0 | 1 | 0 | 0 | 1 |
| Nash et al., 2013 | 1 | 1 | 0 | 1 | 1 | 0 | 1 |
| Ritov & Barnetz 2013 | 1 | 1 | 0 | 1 | 0 | 0 | 1 |
| Tripp et al., 2016a | 1 | 1 | 0 | 0 | 0 | 0 | 1 |
| Wilk et al., 2013 | 1 | 1 | 0 | 1 | 1 | 0 | 1 |

Note. 1 = criteria met. 0 = criteria not met.

Supplementary Table 3

*Association between PMIEs and mental health and wellbeing*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Study | | Transgressions-others (ES) | | Transgressions-self (ES) | | Betrayal (ES) | |
| Bryan et al., 2014 | PTSD | .148 | -.125 | | .040 | |
|  | Depression | -.009 | -.079 | | -.053 | |
|  | Suicidality | .199\* | .199\* | | .000 | |
| Bryan et al., 2016 | PTSD | .215\*\*\* | .171\*\*\* | | .261\*\*\* | |
|  | Depression | .176\*\*\* | .167\*\*\* | | .255\*\*\* | |
|  | Anxiety | .138\*\*\* | .124\*\*\* | | .219\*\*\* | |
|  | Hostility | .173\*\*\* | .188\*\*\* | | .268\*\*\* | |

Note. PMIEs = potentially morally injurious experiences. ES= Pearson’s *r*. \*p<.05, \*\* p<.01, \*\*\* p<.001