

## Appendix One: Search Strategy

MEDLINE and EMBASE were searched using the OvidSP interface on 21/06/16 for the period 1990 to current day

- 1 exp Dementia / dementia.mp.
- 2 Dementia.tw.
- 3 exp Alzheimer Disease / Alzheimer Disease.mp.
- 4 Alzheimer Disease.tw.
- 5 1 or 2 or 3 or 4
- 6 Depression.tw.
- 7 Post\*traumatic stress disorder.tw.
- 8 Anxiety.tw.
- 9 Common Mental Disorder.tw.
- 10 Alcohol Misuse.tw.
- 11 Drug Misuse.tw.
- 12 Stress.tw.
- 13 6 or 7 or 8 or 9 or 10 or 11 or 12
- 14 Military Personnel.tw.
- 15 Armed Forces.tw.
- 16 Veterans.tw.
- 17 14 or 15 or 16
- 18 5 and 13 and 17

Web of Science was searched on 21/06/16 for the period 1990 to current day

- 1 TS = (Dementia OR Alzheimer Disease)
- 2 TI = (Dementia OR Alzheimer Disease)
- 3 TI = (Depression OR Post traumatic stress disorder OR Anxiety OR Common Mental Disorder OR Alcohol Misuse OR Drug Misuse OR Stress)
- 4 TI = (Military Personnel OR Armed Forces OR Veteran)
- 5 1 and 2 and 3 and 4

EBSCO was searched on 21/06/16 for the period 1990 to current day

- 1 Dementia
- 2 Alzheimer Disease
- 3 1 or 2
- 4 Depression
- 5 Post\*traumatic stress disorder
- 6 Anxiety
- 7 Common Mental Disorder
- 8 Alcohol Misuse
- 9 Drug Misuse
- 10 Stress
- 11 4 or 5 or 6 or 7 or 8 or 9 or 10
- 12 Military Personnel
- 13 Armed Forces
- 14 Veterans
- 15 12 or 13 or 14
- 16 3 and 11 and 15