Supplementary file 9. Forest plot depicting the effect of army deployment with PTSD, stratified for risk of bias.

|   |                                      |      |            | Odds Ratio         | Odds Ratio         |
|---|--------------------------------------|------|------------|--------------------|--------------------|
| Study or Subgroup   | log[Odds Ratio]                      | SE   | Weight     | IV, Random, 95% CI | IV, Random, 95% CI |
| 2.3.1 Low methodolo   | gical quality                        |      |            |                    |                    |
| Reijnen, 2015   | 0.56 (                               | 0.12 | 79.2%      | 1.75 [1.38, 2.21]  |                    |
| Stevelink, 2018   | 0.52 (                               | 0.27 | 15.6%      | 1.68 [0.99, 2.86]  | <del>  • -</del>   |
| Wittchen, 2012  | 1.44 (                               | 0.91 | 1.4%       | 4.22 [0.71, 25.12] | +                  |
| Subtotal (95% CI)   |                                      |      | 96.2%      | 1.76 [1.42, 2.18]  | ♦                  |
| Heterogeneity: Tau² = 0.00; Chi² = 0.95, df = 2 (P = 0.62); l² = 0%                   |                                      |      |            |                    |                    |
| Test for overall effect:  | Z = 5.20 (P < 0.0000)                | 01)  |            |                    |                    |
| 2.3.2 High methodolo  | gical quality                        |      |            |                    |                    |
| Joseph, 2014  | 1.03 (                               | 0.55 | 3.8%       | 2.80 [0.95, 8.23]  | -                  |
| Subtotal (95% CI)   |                                      |      | 3.8%       | 2.80 [0.95, 8.23]  |                    |
| Heterogeneity: Not ap   | plicable                             |      |            |                    |                    |
| Test for overall effect:  | Z = 1.87 (P = 0.06)                  |      |            |                    |                    |
| Total (95% CI)  |                                      |      | 100.0%     | 1.79 [1.45, 2.21]  | •                  |
| Heterogeneity: Tau² =   | 0.00; Chi <sup>2</sup> = $1.64$ , dt | f=3( | (P = 0.65) | ; I² = 0%          |                    |
| Test for overall effect:  |                                      |      | . ,        |                    | 0.01 0.1 1 10 100  |
| Test for subgroup differences: Chi <sup>2</sup> = 0.68, df = 1 (P = 0.41), $I^2$ = 0% |                                      |      |            |                    |                    |