Long-term risk for mental health symptoms in Dutch ISAF veterans: the role of perceived social support – Supplementary Material

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**Table S1:** Demographics and other characteristics of participants with a 10-year follow-up measurement versus participants without a 10-year follow-up measurement.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Participants with a 10-year follow-up measurement (n=598)a** | **Participants without a 10-year follow-up measurement (n=409)a** | **p-value** |
| Sex  Male  Female | 543 (91%)  55 (9%) | 378 (92%)  31 (8%) | 0.367 |
| Age (years)b  <21  ≥21 | 76 (13%)  521 (87%) | 63 (16%)  340 (84%) | 0.193 |
| Educational levelc  Low  Moderate  High | 194 (35%)  280 (51%)  77 (14%) | 172 (48%)  162 (45%)  25 (7%) | **<0.001** |
| Rankd  Private  Corporal  Non-commissioned officer  Staff officer | 198 (33%)  117 (20%)  176 (30%)  102 (17%) | 196 (51%)  86 (22%)  75 (19%)  30 (8%) | **<0.001** |
| Previous deployment(s)e  Yes  No | 284 (52%)  260 (48%) | 136 (62%)  219 (38%) | **<0.001** |
| Role during deploymentf  Inside the military base  Both inside and outside the military base  Outside the military base | 186 (38%)  42 (9%)  258 (53%) | 62 (20%)  31 (10%)  225 (71%) | **<0.001** |
| Deployment year  2005 or 2006  2007 or 2008 | 153 (26%)  445 (74%) | 108 (26%)  301 (74%) | 0.770 |
| New deployment(s)g  Yes  No | 271 (46%)  325 (55%) | ..  .. | ..  .. |
| DES (deployment stressors) total scoreh | 4.30 (3.15) | 4.91 (3.31) | **0.016** |
| DDRI-F (unit social support) total scorei | 45.95 (9.80) | 43.48 (11.26) | 0.063 |
| DDRI-L (support after deployment) total scorej | 60.77 (8.33) | 58.92 (11.22) | 0.188 |
| ETISR-SF (early trauma) total scorek | 3.35 (3.13) | 3.72 (2.93) | 0.081 |

Note: data are n (%) or mean (SD). Differences in descriptive characteristics between participants with and without a ten-year follow-up measurement were tested with a χ2-test (categorical) or an independent samples t-test (continuous). DES=Deployment Experience Scale. DDRI-F=Deployment Risk and Resilience Inventory part F. DDRI-L=Deployment Risk and Resilience Inventory part L. ETISR-SF=Early Trauma Inventory Self Report-Short Form. Education (ISCED levels): Low=primary and lower secondary education; Moderate=upper secondary, post-secondary non-tertiary, and short cycle tertiary education; High= bachelor, master, and doctoral education. a Sample sizes might not add up to total because of missing data in the descriptive variables; where there is missing data, the total is indicated. Totals for participants with a ten-year follow-up measurement: bn=597, c n=551, d n=593, e n=544, f n=486, g n=596, h n=461, i n=259, j n=258, k n=546; totals for participants without a ten-year follow-up measurement: b n=403, c n=359, d n=387, en=355, f n=318, g n=0, h n=246, i n=76, jn=75, k n=342.

**Table S2:** Number of valid responses on variables included in the analyses (total sample = 978).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Pre** | **1 month** | **6 months** | **1 year** | **2 years** | **10 years** |
| Agoraphobia | 829 | 807 | 731 | 558 | 544 | 600 |
| Anxiety | 818 | 798 | 724 | 553 | 531 | 595 |
| Depression | 823 | 800 | 729 | 552 | 544 | 595 |
| Hostility | 828 | 808 | 732 | 558 | 547 | 598 |
| Age | 976 | - | - | - | - | - |
| Rank | 968 | - | - | - | - | - |
| Previous deployment(s) | 887 | - | - | - | - | - |
| Role during deployment | - | 793 | - | - | - | - |
| Deployment experience | - | 706 | - | - | - | - |
| Unit support | - | - | - | 335 | - | - |
| Social support | - | - | - | 333 | - | - |
| Early general trauma | 921 | - | - | - | - | - |
| Early physical abuse | 925 | - | - | - | - | - |
| Early emotional abuse | 912 | - | - | - | - | - |
| Early sexual abuse | 909 | - | - | - | - | - |

Data are n (%); n indicates the number of participants with valid data on the specific variable

**Table S3:** Reported mental health symptom patterns for each time point.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| agoraphobia | anxiety | depression | hostility | **Pre**  N=801 | **1 month**  N=782 | **6 months**  N=720 | **1 year**  N=546 | **2 years**  N=529 | **10 years**  N=580 |
|  |  |  |  | 768 (95.9%) | 723 (92.5%) | 659 (91.5%) | 495 (90.7%) | 486 (91.9%) | 516 (89.0%) |
| ● |  |  |  | 1 (0.1%) | 3 (0.4%) | 3 (0.4%) | 11 (2.0%) | 5 (1.0%) | 19 (3.3%) |
|  | ● |  |  | 1 (0.1%) | 0 | 0 | 0 | 0 | 2 (0.3%) |
|  |  | ● |  | 0 | 2 (0.3%) | 2 (0.3%) | 2 (0.4%) | 2 (0.4%) | 3 (0.5%) |
|  |  |  | ● | 25 (3.1%) | 41 (5.2%) | 43 (6.0%) | 25 (4.6%) | 24 (4.5%) | 17 (2.9%) |
| ● | ● |  |  | 1 (0.1%) | 2 (0.3%) | 0 | 2 (0.4%) | 0 | 2 (0.3%) |
| ● |  | ● |  | 0 | 0 | 1 (0.1%) | 0 | 0 | 0 |
| ● |  |  | ● | 2 (0.2%) | 8 (1.0%) | 6 (0.8%) | 3 (0.5%) | 3 (0.6%) | 2 (0.3%) |
|  | ● | ● |  | 0 | 0 | 1 (0.1%) | 0 | 0 | 0 |
|  | ● |  | ● | 1 (0.1%) | 0 | 0 | 2 (0.4%) | 0 | 0 |
|  |  | ● | ● | 2 (0.2%) | 1 (0.1%) | 1 (0.1%) | 2 (0.4%) | 2 (0.4%) | 3 (0.5%) |
| ● | ● | ● |  | 0 | 0 | 0 | 0 | 0 | 2 (0.3%) |
| ● | ● |  | ● | 0 | 0 | 2 (0.3%) | 0 | 0 | 1 (0.2%) |
|  | ● | ● | ● | 0 | 0 | 2 (0.3%) | 0 | 3 (0.6%) | 1 (0.2%) |
| ● |  | ● | ● | 0 | 0 | 0 | 0 | 0 | 4 (0.7%) |
| ● | ● | ● | ● | 0 | 2 (0.3%) | 0 | 4 (0.7%) | 4 (0.8%) | 8 (1.4%) |

Data are n (%); prevalences based on the Symptom Checklist-90 (SCL-90); used cut-off values for symptoms: agoraphobia: ≥11; anxiety: ≥22; depression: ≥36; hostility: ≥11.

**Table S4:**Parameter estimates for change in agoraphobia symptoms over time

relative to pre-deployment status without interactions with potential

moderators (n=978).

|  |  |  |
| --- | --- | --- |
|  | **Time-effect** | |
|  | Coefficient (95% CI) | P-value |
| Intercept (pre-deployment) | 7.20 (7.12 – 7.28) | <0.0001 |
| Δ 1 montha | 0.11 (0.01 – 0.21) | **0.026** |
| Δ 6 monthsa | 0.09 (-0.01 – 0.19) | 0.093 |
| Δ 1 yeara | 0.23 (0.11 – 0.34) | **<0.001** |
| Δ 2 yearsa | 0.20 (0.09 – 0.32) | **0.001** |
| Δ 10 yearsa | 0.60 (0.48 – 0.71) | **<0.0001** |

Note: a Δ indicates the difference relative to pre-deployment status; 95% CI = 95%

Confidence Interval.

**Table S5:**Parameter estimates for change in anxiety symptoms over time

relative to pre-deployment status without interactions with potential

moderators (n=978).

|  |  |  |
| --- | --- | --- |
|  | **Time-effect** | |
|  | Coefficient (95% CI) | P-value |
| Intercept (pre-deployment) | 11.03 (10.89 – 11.17) | <0.0001 |
| Δ 1 montha | 0.01 (-0.18 – 0.19) | 0.950 |
| Δ 6 monthsa | 0.03 (-0.16 – 0.22) | 0.773 |
| Δ 1 yeara | 0.15 (-0.06 – 0.36) | 0.169 |
| Δ 2 yearsa | 0.16 (-0.05 – 0.37) | 0.137 |
| Δ 10 yearsa | 0.52 (0.32 – 0.72) | **<0.0001** |

Note: a Δ indicates the difference relative to pre-deployment status; 95% CI = 95%

Confidence Interval.

**Table S6:**Parameter estimates for change in depression symptoms over time

relative to pre-deployment status without interactions with potential

moderators (n=978).

|  |  |  |
| --- | --- | --- |
|  | **Time-effect** | |
|  | Coefficient (95% CI) | P-value |
| Intercept (pre-deployment) | 17.98 (17.72 – 18.23) | <0.0001 |
| Δ 1 montha | 0.28 (-0.04 – 0.61) | 0.083 |
| Δ 6 monthsa | 0.32 (-0.02 – 0.65) | 0.062 |
| Δ 1 yeara | 1.06 (0.70 – 1.44) | **<0.0001** |
| Δ 2 yearsa | 1.33 (0.96 – 1.71) | **<0.0001** |
| Δ 10 yearsa | 1.41 (1.05 – 1.77) | **<0.0001** |

Note: a Δ indicates the difference relative to pre-deployment status; 95% CI = 95%

Confidence Interval.

**Table S7:**Parameter estimates for change in hostility over time relative to

pre-deployment status without interactions with potential moderators (n=978).

|  |  |  |
| --- | --- | --- |
|  | **Time-effect** | |
|  | Coefficient (95% CI) | P-value |
| Intercept (pre-deployment) | 6.98 (6.86 – 7.10) | <0.0001 |
| Δ 1 montha | 0.31 (0.16 – 0.46) | **<0.0001** |
| Δ 6 monthsa | 0.23 (0.08 – 0.39) | **0.003** |
| Δ 1 yeara | 0.33 (0.15 – 0.50) | **<0.001** |
| Δ 2 yearsa | 0.40 (0.23 – 0.58) | **<0.0001** |
| Δ 10 yearsa | 0.21 (0.04 – 0.37) | **0.015** |

Note: a Δ indicates the difference relative to pre-deployment status; 95% CI = 95%

Confidence Interval.

**Table S8:**Parameter estimates for change in agoraphobia symptoms over time

relative to pre-deployment status with different moderators (n=978).

|  |  |  |
| --- | --- | --- |
|  | **Interaction time x moderator variable** | |
|  | Coefficient (95% CI) | P-value |
| **Age** |  |  |
| Δ 1 montha | -0.009 (-0.020 – 0.002) | 0.106 |
| Δ 1 yeara | -0.007 (-0.019 – 0.005) | 0.271 |
| Δ 2 yearsa | -0.004 (-0.016 – 0.008) | 0.547 |
| Δ 10 yearsa | -0.026 (-0.038 – -0.015) | **<0.0001** |
| **Rankb** |  |  |
| Δ 1 montha | -0.130 (-0.333 – 0.073) | 0.208 |
| Δ 1 yeara | -0.143 (-0.375 – 0.088) | 0.224 |
| Δ 2 yearsa | -0.127 (-0.361 – 0.107) | 0.288 |
| Δ 10 yearsa | -0.598 (-0.824 – -0.373) | **<0.0001** |
| **Previous deployment(s)c** |  |  |
| Δ 1 montha | 0.096 (-0.109 – 0.300) | 0.359 |
| Δ 1 yeara | 0.073 (-0.163 – 0.309) | 0.544 |
| Δ 2 yearsa | 0.014 (-0.226 – 0.254) | 0.909 |
| Δ 10 yearsa | 0.286 (0.055 – 0.516) | **0.015** |
| **Role during deploymentd** |  |  |
| *Both inside and outside the base* |  |  |
| Δ 1 montha | 0.077 (-0.341 – 0.495) | 0.717 |
| Δ 1 yeara | 0.056 (-0.399 – 0.511) | 0.809 |
| Δ 2 yearsa | -0.145 (-0.635 – 0.346) | 0.564 |
| Δ 10 yearsa | 0.424 (-0.055 – 0.903) | 0.082 |
| *Outside the base* |  |  |
| Δ 1 montha | 0.087 (-0.162 – 0.336) | 0.492 |
| Δ 1 yeara | 0.286 (0.010 – 0.562) | **0.042** |
| Δ 2 yearsa | 0.165 (-0.117 – 0.447) | 0.252 |
| Δ 10 yearsa | 0.665 (0.383 – 0.927) | **<0.001** |
| **Deployment experiencee** |  |  |
| Δ 1 montha | 0.044 (0.011 – 0.077) | **0.010** |
| Δ 1 yeara | 0.077 (0.036 – 0.118) | **<0.001** |
| Δ 2 yearsa | 0.040 (-0.001 – 0.081) | 0.059 |
| Δ 10 yearsa | 0.091 (0.052 – 0.131) | **<0.0001** |
| **Unit supportf** |  |  |
| Δ 1 montha | 0.005 (-0.011 – 0.022) | 0.534 |
| Δ 1 yeara | -0.006 (-0.022 – 0.010) | 0.470 |
| Δ 2 yearsa | 0.002 (-0.016 – 0.021) | 0.786 |
| Δ 10 yearsa | 0.013 (-0.006 – 0.031) | 0.159 |
| **Social supportg** |  |  |
| Δ 1 montha | -0.013 (-0.031 – 0.005) | 0.152 |
| Δ 1 yeara | -0.036 (-0.054 – -0.018) | **<0.0001** |
| Δ 2 yearsa | -0.018 (-0.037 – 0.001) | 0.070 |
| Δ 10 yearsa | -0.054 (-0.075 – -0.034) | **<0.0001** |
| **Early general traumah** |  |  |
| Δ 1 montha | -0.007 (-0.068 – 0.055) | 0.831 |
| Δ 1 yeara | 0.061 (-0.010 – 0.133) | 0.093 |
| Δ 2 yearsa | 0.045 (-0.027 – 0.117) | 0.225 |
| Δ 10 yearsa | 0.026 (-0.044 – 0.095) | 0.470 |
| **Early physical abuseh** |  |  |
| Δ 1 montha | -0.011 (-0.088 – 0.066) | 0.780 |
| Δ 1 yeara | 0.021 (-0.071 – 0.112) | 0.659 |
| Δ 2 yearsa | -0.075 (-0.163 – 0.013) | 0.097 |
| Δ 10 yearsa | -0.088 (-0.177 – 0.002) | 0.055 |
| **Early emotional abuseh** |  |  |
| Δ 1 montha | 0.071 (-0.027 – 0.169) | 0.156 |
| Δ 1 yeara | 0.016 (-0.097 – 0.130) | 0.777 |
| Δ 2 yearsa | 0.031 (-0.080 – 0.142) | 0.581 |
| Δ 10 yearsa | -0.028 (-0.139 – 0.082) | 0.616 |
| **Early sexual abuseh** |  |  |
| Δ 1 montha | -0.022 (-0.207 – 0.163) | 0.814 |
| Δ 1 yeara | -0.061 (-0.269 – 0.148) | 0.568 |
| Δ 2 yearsa | -0.151 (-0.346 – 0.043) | 0.127 |
| Δ 10 yearsa | -0.132 (-0.334 – 0.070) | 0.200 |

Note: a Δ indicates the difference relative to pre-deployment status, when there was no

significant difference in symptom score relative to pre-deployment at a time-point, no

covariates were reported; 95% CI = 95% Confidence Interval; b the rank parameter indicates  
 the difference between non-commissioned officer and staff officer ranks versus private and

corporal ranks (reference category); c reference category is the group with one or more

previous deployments; d reference category is the group with a role inside the military base;

e deployment experience was measured with the Deployment Experience Scale (DES);

f unit support during deployment was measured with the Deployment Risk and Resilience

Inventory-1 Section F (DRRI-F); g social support after deployment was measured with the

Deployment Risk and Resilience Inventory-1 Section L (DRRI-L); h early trauma was

measured with the Early Trauma Inventory Self-Report-Short Form (ETISR-SF).

**Table S9:**Parameter estimates for change in anxiety symptoms over time

relative to pre-deployment status with different moderators (n=978).

|  |  |  |
| --- | --- | --- |
|  | **Interaction time x moderator variable** | |
|  | Coefficient (95% CI) | P-value |
| **Age** |  |  |
| Δ 10 yearsa | -0.045 (-0.066 – -0.023) | **<0.0001** |
| **Rankb** |  |  |
| Δ 10 yearsa | -0.970 (-1.378 – 0.563) | **<0.0001** |
| **Previous deployment(s)c** |  |  |
| Δ 10 yearsa | 0.391 (-0.022 – 0.804) | 0.064 |
| **Role during deploymentd** |  |  |
| *Both inside and outside the base* |  |  |
| Δ 10 yearsa | 0.753 (-0.107 – 1.614) | 0.086 |
| *Outside the base* |  |  |
| Δ 10 yearsa | 0.917 (0.428 – 1.407) | **<0.0001** |
| **Deployment experiencee** |  |  |
| Δ 10 yearsa | 0.163 (0.092 – 0.233) | **<0.0001** |
| **Unit supportf** |  |  |
| Δ 10 yearsa | 0.026 (-0.007 – 0.059) | 0.125 |
| **Social supportg** |  |  |
| Δ 10 yearsa | -0.094 (-0.131 – -0.057) | **<0.0001** |
| **Early general traumah** |  |  |
| Δ 10 yearsa | -0.026 (-0.151 – 0.100) | 0.690 |
| **Early physical abuseh** |  |  |
| Δ 10 yearsa | -0.027 (-0.191 – 0.137) | 0.746 |
| **Early emotional abuseh** |  |  |
| Δ 10 yearsa | -0.132 (-0.332 – 0.068) | 0.196 |
| **Early sexual abuseh** |  |  |
| Δ 10 yearsa | 0.105 (-0.261 – 0.471) | 0.573 |

Note: a Δ indicates the difference relative to pre-deployment status, when there was no

significant difference in symptom score relative to pre-deployment at a time-point,

no covariates were reported; 95% CI = 95% Confidence Interval; b the rank parameter

indicates the difference between non-commissioned officer and staff officer ranks versus

private and corporal ranks (reference category); c reference category is the group with one

or more previous deployments; d reference category is the group with a role inside the military

base; e deployment experience was measured with the Deployment Experience Scale (DES);

f unit support during deployment was measured with the Deployment Risk and Resilience

Inventory-1 Section F (DRRI-F); g social support after deployment was measured with the

Deployment Risk and Resilience Inventory-1 Section L (DRRI-L); h early trauma was

measured with the Early Trauma Inventory Self-Report-Short Form (ETISR-SF).

**Table S10:**Parameter estimates for change in depression symptoms over time

relative to pre-deployment status with different moderators (n=978).

|  |  |  |
| --- | --- | --- |
|  | **Interaction time x moderator variable** | |
|  | Coefficient (95% CI) | P-value |
| **Age** |  |  |
| Δ 1 yeara | -0.005 (-0.044 – 0.033) | 0.786 |
| Δ 2 yearsa | -0.004 (-0.043 – 0.035) | 0.849 |
| Δ 10 yearsa | -0.086 (-0.124 – -0.048) | **<0.0001** |
| **Rankb** |  |  |
| Δ 1 yeara | -0.185 (-0.930 – 0.560) | 0.626 |
| Δ 2 yearsa | -0.383 (-1.134 – 0.368) | 0.317 |
| Δ 10 yearsa | -1.547 (-2.271 – -0.822) | **<0.0001** |
| **Previous deployment(s)c** |  |  |
| Δ 1 yeara | 0.183 (-0.580 – 0.947) | 0.638 |
| Δ 2 yearsa | -0.575 (-1.347 – 0.197) | 0.145 |
| Δ 10 yearsa | 1.000 (0.257 – 1.744) | **0.008** |
| **Role during deploymentd** |  |  |
| *Both inside and outside the base* |  |  |
| Δ 1 yeara | 0.007 (-1.396 – 1.409) | 0.993 |
| Δ 2 yearsa | -0.593 (-2.100 – 0.914) | 0.441 |
| Δ 10 yearsa | 1.041 (-0.428 – 2.510) | 0.165 |
| *Outside the base* |  |  |
| Δ 1 yeara | 0.122 (-0.731 – 0.975) | 0.779 |
| Δ 2 yearsa | -0.374 (-1.243 – 0.495) | 0.398 |
| Δ 10 yearsa | 1.041 (0.424 – 2.108) | **0.003** |
| **Deployment experiencee** |  |  |
| Δ 1 yeara | 0.141 (0.010 – 0.272) | **0.035** |
| Δ 2 yearsa | -0.017 (-0.149 – 0.115) | 0.803 |
| Δ 10 yearsa | 0.211 (0.085 – 0.338) | **0.001** |
| **Unit supportf** |  |  |
| Δ 1 yeara | -0.034 (-0.087 – 0.019) | 0.207 |
| Δ 2 yearsa | -0.066 (-0.126 – -0.006) | 0.030 |
| Δ 10 yearsa | -0.006 (-0.066 – 0.054) | 0.838 |
| **Social supportg** |  |  |
| Δ 1 yeara | -0.227 (-0.285 – -0.168) | **<0.0001** |
| Δ 2 yearsa | -0.152 (-0.213 – -0.091) | **<0.0001** |
| Δ 10 yearsa | -0.166 (-0.232 – -0.100) | **<0.0001** |
| **Early general traumah** |  |  |
| Δ 1 yeara | 0.096 (-0.131 – 0.323) | 0.408 |
| Δ 2 yearsa | 0.223 (-0.002 – 0.454) | 0.052 |
| Δ 10 yearsa | 0.018 (-0.202 – 0.238) | 0.872 |
| **Early physical abuseh** |  |  |
| Δ 1 yeara | 0.193 (-0.103 – 0.488) | 0.201 |
| Δ 2 yearsa | 0.271 (-0.013 – 0.556) | 0.062 |
| Δ 10 yearsa | -0.022 (-0.311 – 0.267) | 0.882 |
| **Early emotional abuseh** |  |  |
| Δ 1 yeara | 0.230 (-0.133 – 0.592) | 0.214 |
| Δ 2 yearsa | 0.623 (0.270 – 0.976) | **0.001** |
| Δ 10 yearsa | -0.091 (-0.449 – 0.267) | 0.619 |
| **Early sexual abuseh** |  |  |
| Δ 1 yeara | 1.131 (0.393 – 1.869) | **0.003** |
| Δ 2 yearsa | 0.360 (-0.261 – 0.981) | 0.256 |
| Δ 10 yearsa | 0.211 (-0.440 – 0.861) | 0.526 |

Note: a Δ indicates the difference relative to pre-deployment status, when there was no

significant difference in symptom score relative to pre-deployment at a time-point, no

covariates were reported; 95% CI = 95% Confidence Interval; b the rank parameter indicates

the difference between non-commissioned officer and staff officer ranks versus private and

corporal ranks (reference category); c reference category is the group with one or more

previous deployments; d reference category is the group with a role inside the military base;

e deployment experience was measured with the Deployment Experience Scale (DES);

f unit support during deployment was measured with the Deployment Risk and Resilience

Inventory-1 Section F (DRRI-F); g social support after deployment was measured with the

Deployment Risk and Resilience Inventory-1 Section L (DRRI-L); h early trauma was

measured with the Early Trauma Inventory Self-Report-Short Form (ETISR-SF).

**Table S11:**Parameter estimates for change in hostility over time relative to

pre-deployment status with different moderators (n=978).

|  |  |  |
| --- | --- | --- |
|  | **Interaction time x moderator variable** | |
|  | Coefficient (95% CI) | P-value |
| **Age** |  |  |
| Δ 1 montha | -0.011 (-0.027 – 0.005) | 0.184 |
| Δ 6 monthsa | -0.005 (-0.022 – 0.011) | 0.529 |
| Δ 1 yeara | -0.014 (-0.031 – 0.004) | 0.135 |
| Δ 2 yearsa | -0.006 (-0.024 – 0.012) | 0.514 |
| Δ 10 yearsa | -0.008 (-0.025 – 0.010) | 0.387 |
| **Rankb** |  |  |
| Δ 1 montha | 0.045 (-0.256 – 0.347) | 0.768 |
| Δ 6 monthsa | 0.070 (-0.242 – 0.381) | 0.661 |
| Δ 1 yeara | -0.227 (-0.571 – 0.117) | 0.195 |
| Δ 2 yearsa | -0.113 (-0.460 – 0.234) | 0.523 |
| Δ 10 yearsa | -0.109 (-0.444 – 0.226) | 0.523 |
| **Previous deployment(s)c** |  |  |
| Δ 1 montha | -0.075 (-0.381 – 0.231) | 0.630 |
| Δ 6 monthsa | 0.182 (-0.135 – 0.499) | 0.260 |
| Δ 1 yeara | 0.246 (-0.107 – 0.599) | 0.171 |
| Δ 2 yearsa | -0.004 (-0.362 – 0.354) | 0.983 |
| Δ 10 yearsa | -0.252 (-0.596 – 0.093) | 0.152 |
| **Role during deploymentd** |  |  |
| *Both inside and outside the base* |  |  |
| Δ 1 montha | 0.146 (-0.470 – 0.762) | 0.643 |
| Δ 6 monthsa | 0.276 (-0.347 – 0.899) | 0.385 |
| Δ 1 yeara | -0.115 (-0.787 – 0.557) | 0.737 |
| Δ 2 yearsa | 0.416 (-0.309 – 1.142) | 0.260 |
| Δ 10 yearsa | 0.372 (-0.341 – 1.084) | 0.307 |
| *Outside the base* |  |  |
| Δ 1 montha | 0.052 (-0.317 – 0.421) | 0.783 |
| Δ 6 monthsa | 0.233 (-0.141 – 0.607) | 0.222 |
| Δ 1 yeara | 0.249 (-0.160 – 0.658) | 0.233 |
| Δ 2 yearsa | 0.119 (-0.298 – 0.536) | 0.576 |
| Δ 10 yearsa | 0.372 (-0.111 – 0.697) | 0.155 |
| **Deployment experiencee** |  |  |
| Δ 1 montha | 0.090 (0.041 – 0.140) | **<0.001** |
| Δ 6 monthsa | 0.083 (0.029 – 0.136) | **0.002** |
| Δ 1 yeara | 0.076 (0.015 – 0.138) | **0.015** |
| Δ 2 yearsa | -0.037 (-0.099 – 0.025) | 0.237 |
| Δ 10 yearsa | 0.041 (-0.019 – 0.100) | 0.179 |
| **Unit supportf** |  |  |
| Δ 1 montha | -0.001 (-0.025 – 0.025) | 0.990 |
| Δ 6 monthsa | -0.008 (-0.033 – 0.018) | 0.554 |
| Δ 1 yeara | -0.004 (-0.029 – 0.021) | 0.768 |
| Δ 2 yearsa | -0.001 (-0.028 – 0.027) | 0.969 |
| Δ 10 yearsa | 0.015 (-0.013 – 0.043) | 0.308 |
| **Social supportg** |  |  |
| Δ 1 montha | -0.053 (-0.080 – -0.025) | **<0.001** |
| Δ 6 monthsa | -0.069 (-0.097 – -0.041) | **<0.0001** |
| Δ 1 yeara | -0.090 (-0.118 – -0.062) | **<0.0001** |
| Δ 2 yearsa | -0.043 (-0.073 – -0.014) | **0.0040** |
| Δ 10 yearsa | -0.050 (-0.082 – -0.019) | **0.002** |
| **Early general traumah** |  |  |
| Δ 1 montha | 0.009 (-0.081 – 0.100) | 0.842 |
| Δ 6 monthsa | 0.162 (0.065 – 0.258) | 0.100 |
| Δ 1 yeara | 0.055 (-0.050 – 0.160) | 0.305 |
| Δ 2 yearsa | 0.050 (-0.056 – 0.155) | 0.359 |
| Δ 10 yearsa | 0.072 (-0.031 – 0.174) | 0.170 |
| **Early physical abuseh** |  |  |
| Δ 1 montha | -0.030 (-0.144 – 0.085) | 0.613 |
| Δ 6 monthsa | -0.034 (-0.155 – 0.087) | 0.578 |
| Δ 1 yeara | -0.010 (-0.147 – 0.127) | 0.889 |
| Δ 2 yearsa | 0.041 (-0.091 – 0.173) | 0.540 |
| Δ 10 yearsa | -0.124 (-0.258 – 0.011) | 0.072 |
| **Early emotional abuseh** |  |  |
| Δ 1 montha | 0.204 (0.059 – 0.349) | **0.006** |
| Δ 6 monthsa | 0.061 (-0.092 – 0.214) | 0.432 |
| Δ 1 yeara | -0.011 (-0.178 – 0.156) | 0.896 |
| Δ 2 yearsa | -0.015 (-0.178 – 0.148) | 0.858 |
| Δ 10 yearsa | -0.134 (-0.299 – 0.030) | 0.110 |
| **Early sexual abuseh** |  |  |
| Δ 1 montha | 0.230 (-0.044 – 0.504) | 0.100 |
| Δ 6 monthsa | 0.169 (-0.106 – 0.444) | 0.227 |
| Δ 1 yeara | 0.162 (-0.147 – 0.471) | 0.304 |
| Δ 2 yearsa | 0.153 (-0.135 – 0.441) | 0.297 |
| Δ 10 yearsa | 0.004 (-0.297 – 0.306) | 0.978 |

Note: a Δ indicates the difference relative to pre-deployment status; 95% CI = 95%

Confidence Interval; b the rank parameter indicates the difference between   
non-commissioned officer and staff officer ranks versus private and corporal ranks   
(reference category); c reference category is the group with one or more previous

deployments; d reference category is the group with a role inside the military base;

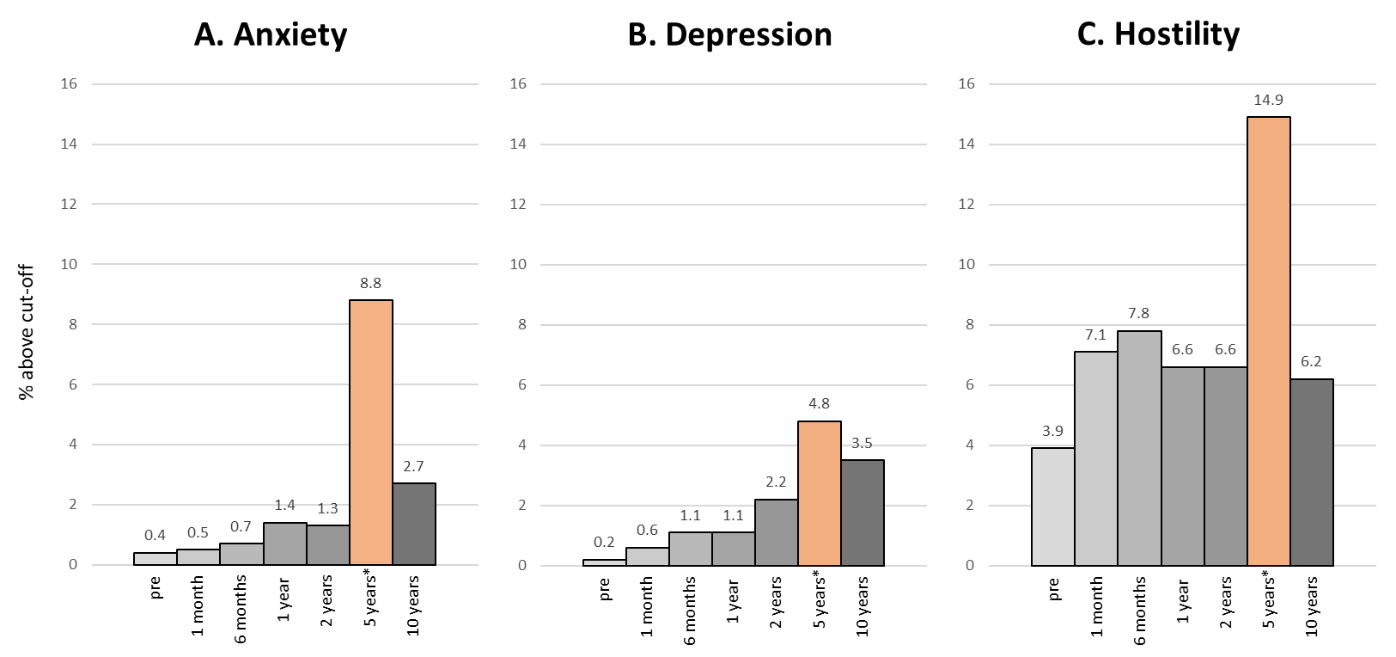
e deployment experience was measured with the Deployment Experience Scale (DES);

f unit support during deployment was measured with the Deployment Risk and Resilience

Inventory-1 Section F (DRRI-F); g social support after deployment was measured with the

Deployment Risk and Resilience Inventory-1 Section L (DRRI-L); h early trauma was

measured with the Early Trauma Inventory Self-Report-Short Form (ETISR-SF).



**Figure S1.** Reported anxiety (A), depression (B), and hostility (C) symptoms over time in Dutch ISAF veterans including a five-year follow-up measurement. Prevalence rates pre-deployment, and one month, six months, one year, two years, and ten years post-deployment were based on the Symptom Checklist (SCL-90-R); prevalence rates at five years post-deployment were based on the Brief Symptom Inventory (BSI). Cut-off values for all subscales were based on the 95th percentile scores of a sample from the general population as reported in the respective questionnaire manual (SCL: anxiety: ≥22; depression: ≥36; hostility: ≥11; BSI: anxiety: ≥1.33; depression: ≥1.67; hostility: ≥1.20). \*Five year measurement was administered as an online questionnaire instead of a paper-and-pencil questionnaire.