SUPPLEMENTARY MATERIALS

SUPPLEMENTARY TABLE 1

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Correlations for Principal Components and Psychosocial Measures (n=289)*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Memory | Fluency | Complex Attention |
| Age | -.073 | .055 | -.201\*\* |
| Years of Education | .127\* | .136\* | .019 |
| CAPS: Current PTSD Diagnosis | -.014 | -.008 | -.120\* |
| SCID: Substance Use Disorder | -.066 | .040 | -.087 |
| SF-MP Current Pain | .003 | -.081 | -.099 |
| PSQI: Current Sleep Quality | -.077 | .002 | -.145\* |

Note: \* p<.05, \*\* p<.01 |

SUPPLEMENTARY TABLE 2

*Correlations for CVLT-II Indices and Psychosocial Measures (n=289)*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Learning (Trial 1-5) | SDFR | SDCR | LDFR | LDCR | Recognition Hits |
| Age | -.159\* | -.099 | -.081 | -.111\* | -.085 | -.120\* |
| Years of Education | .187\* | .131\* | .138\* | .078 | .095 | .080 |
| CAPS: Current PTSD Diagnosis | -.060 | -.026 | -.040 | -.009 | -.013 | -.018 |
| SCID: Substance Use Disorder | -.022 | .002 | -.013 | -.050 | -.081 | -.121\* |
| SF-MP Current Pain | -.050 | -.004 | -.022 | -.009 | .008 | -.004 |
| PSQI: Sleep Quality | -.122\* | -.072 | -.107 | -.080 | -.076 | -.039 |

\*p<.05

SUPPLEMENTARY TABLE 3

*Descriptive Information for Excluded Participants.*

|  |  |  |
| --- | --- | --- |
| Demographics | Mean | SD |
| Age | 35.55 | 11.048 |
| Years of Education | 13.62 | 1.878 |
| Gender (%male) | 87.8 |  |
| Ethnicity (%) |  |  |
|  Caucasian | 70.3 |  |
|  Hispanic | 13.5 |  |
|  Black/African American | 3.5 |  |
|  Asian | 1.4 |  |
|  American Indian | 2.9 |  |
| Military Service |  |  |
| Branch of Service (%) |  |  |
|  Army | 62.2 |  |
|  Navy | 4.1 |  |
|  Air Force | 14.9 |  |
|  Marines | 13.5 |  |
|  Coast Guard | 0 |  |
| Total Duration of Deployment (mos) | 9.80 | 8.259 |
| Total Since Last Deployment (mos) | 37.96 | 30.241 |
| Pre-Deployed (%) | 29.3% |  |
| Head Trauma |  |  |
|  Total Blast Exposures | 34.11 | 105 |
|  Total Lifetime Concussions | 1.56 | 1.563 |
| Psychological Functioning |  |  |
|  CAPS: Current PTSD diagnosis (%) | 60.8 |  |
|  SF-MP: Current Pain (%) | 67.6 |  |
|  PSQI: Current Sleep Quality (%) | 71.6 |  |
|  SCID: Substance Use Disorder (%) | 20.3 |  |