**Table S3.** *Regression Summary Table for the Association of Close-range Blast Exposure by APOE ε4 Status on Memory Excluding RDS Fails*

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Model 1 | | | Model 2 | | | Model 3 | | |
| Variable | *B* | *SE(B)* | β | *B* | *SE(B)* | β | *B* | *SE(B)* | β |
| CAPS (PTSD) | -0.003 | 0.002 | -0.080 | -0.002 | 0.003 | -0.059 | -0.002 | 0.002 | -0.069 |
| DASS Anxiety | -0.002 | 0.009 | -0.014 | -0.002 | 0.009 | -0.016 | -0.001 | 0.009 | -0.001 |
| PC1 | 3.426 | 1.357 | 0.139\* | 3.403 | 1.385 | 0.138\* | 3.611 | 1.377 | 0.147\*\* |
| PC2 | -1.551 | 1.712 | -0.053 | -1.767 | 1.729 | -0.060 | -1.632 | 1.717 | -0.056 |
| PC3 | 0.102 | 1.625 | 0.004 | 0.257 | 1.637 | 0.009 | 0.003 | 1.628 | 0.000 |
| Gender | -0.221 | 0.184 | -0.068 | -0.257 | 0.186 | -0.079 | -0.288 | 0.185 | -0.088 |
| Education | 0.054 | 0.027 | 0.111 | 0.054 | 0.027 | 0.111 | 0.052 | 0.027 | 0.107 |
| Lifetime mTBI | -0.057 | 0.115 | -0.028 | -0.036 | 0.117 | -0.018 | -0.020 | 0.116 | -0.010 |
| WTAR | 0.013 | 0.005 | 0.156\*\* | 0.013 | 0.005 | 0.152\*\* | 0.013 | 0.005 | 0.149\*\* |
| APOE ε4 status |  |  |  | -0.057 | 0.120 | -0.026 | 0.773 | 0.363 | 0.346\* |
| CBE |  |  |  | -0.132 | 0.112 | -0.068 | 0.581 | 0.315 | 0.299 |
| CBE x APOE ε4 status |  |  |  |  |  |  | -0.578 | 0.239 | -0.545\* |
| *R2* | 0.0987 | | | 0.1033 | | | 0.1192 | | |
| *F* for change in *R2* |  | | | .819 | | | 5.851\* | | |

Note.\*p < .05, \*\*p<.01. RDS = Reliable Digit Span, B = effect size, SE(B) = standard deviation for effect size, β = standardized effect size, CAPS = Clinician-administered PTSD scale, PTSD = post-traumatic stress disorder, DASS = depression anxiety stress scales, PC = principle component representing population substructure, mTBI = mild traumatic brain injury, WTAR = Wechsler Test of Adult Reading scaled score, APOE= apolipoprotein, CBE = close-range blast exposure