**Table S11.** *Regression Summary Table for the Association of Number of Total Blast Exposures by APOE ε4 Status on Memory*

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 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 | -0.086 | -0.003 | 0.002 | -0.086 | -0.003 | 0.002 | -0.103 |
| DASS Anxiety | -0.002 | 0.009 | -0.019 | -0.001 | 0.009 | -0.009 | 0.001 | 0.009 | 0.004 |
| PC1 | 3.441 | 1.312 | 0.143\*\* | 3.154 | 1.349 | 0.131\* | 2.989 | 1.356 | 0.124\* |
| PC2 | -1.455 | 1.700 | -0.050 | -1.339 | 1.706 | -0.046 | -1.347 | 1.705 | -0.046 |
| PC3 | 0.138 | 1.616 | 0.005 | 0.060 | 1.620 | 0.002 | 0.008 | 1.620 | 0.000 |
| Gender | -0.170 | 0.179 | -0.053 | -0.190 | 0.180 | -0.199 | -0.189 | 0.180 | -0.198 |
| Education | 0.047 | 0.027 | 0.097 | 0.045 | 0.027 | 0.094 | 0.045 | 0.027 | 0.094 |
| Lifetime mTBI | -0.031 | 0.113 | -0.015 | -0.024 | 0.114 | -0.025 | -0.030 | 0.114 | -0.031 |
| WTAR | 0.013 | 0.005 | 0.154\*\* | 0.013 | 0.005 | 0.155\*\* | 0.013 | 0.005 | 0.158\*\* |
| APOE ε4 status |  |  |  | -0.054 | 0.119 | -0.057 | -0.014 | 0.124 | -0.054 |
| N of BEs |  |  |  | -0.001 | 0.000 | -0.053 | -0.001 | 0.001 | -0.011 |
| N of BEs x APOE ε4 status |  |  |  |  |  |  | -0.001 | 0.001 | -0.133 |
| *R2* | 0.0951 | | | 0.0983 | | | 0.1019 | | |
| *F* for change in *R2* |  | | | 0.584 | | | 1.322 | | |

Note.\**p* < .05, \*\**p* < .01. B = effect size, SE(B) = standard deviation for effect size, β = standardized effect size, CVLT-II = California Verbal Learning Test – 2nd edition, 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, N of BEs = number of total blast exposures