**Table S5.** *Regression Summary Table for the Association of Close-range Blast Exposure by APOE ε33/ε34 Status on Memory*

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Model 1 | | | Model 2 | | | Model 3 | | |
| Variable | *B* | *SE(B)* | β | *B* | *SE(B)* | β | *B* | *SE(B)* | β |
| CAPS (PTSD) | -0.002 | 0.003 | -0.073 | -0.001 | 0.003 | -0.045 | -0.002 | 0.003 | -0.049 |
| DASS Anxiety | -0.001 | 0.010 | -0.011 | -0.001 | 0.010 | -0.009 | 0.002 | 0.010 | 0.015 |
| PC1 | 4.690 | 1.452 | 0.194\*\* | 4.794 | 1.473 | 0.198\*\* | 5.074 | 1.453 | 0.210\*\* |
| PC2 | -1.606 | 2.039 | -0.054 | -1.964 | 2.054 | -0.066 | -1.597 | 2.026 | -0.054 |
| PC3 | -0.181 | 1.869 | -0.007 | 0.089 | 1.881 | 0.003 | -0.308 | 1.856 | -0.011 |
| Gender | -0.194 | 0.187 | -0.063 | -0.249 | 0.190 | -0.081 | -0.292 | 0.188 | -0.096 |
| Education | 0.067 | 0.029 | 0.138\* | 0.067 | 0.029 | 0.137\* | 0.061 | 0.029 | 0.127\* |
| Lifetime mTBI | -0.068 | 0.125 | -0.033 | -0.047 | 0.126 | -0.023 | -0.029 | 0.124 | -0.014 |
| WTAR | 0.011 | 0.005 | 0.140\* | 0.011 | 0.005 | 0.132\* | 0.010 | 0.005 | 0.129\* |
| APOE ε4 status |  |  |  | -0.043 | 0.131 | -0.019 | 1.111 | 0.393 | -0.492\*\* |
| CBE |  |  |  | -0.190 | 0.121 | -0.098 | 0.791 | 0.337 | -0.409\* |
| CBE x APOE ε4 status |  |  |  |  |  |  | -0.811 | 0.261 | -0.749\*\* |
| *R2* | 0.119 | | | 0.127 | | | 0.157 | | |
| *F* for change in *R2* |  | | | 1.29 | | | 9.66\*\* | | |

Note.\**p* < .05, \*\**p* < .01. 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, APOE = apolipoprotein, CBE = close-range blast exposure