**Table S10.** *Regression Summary Table for the Association of Close-range Blast Exposure by APOE ε4 Status on CVLT-II Long Delay Memory Performance*

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 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 | -0.049 | -0.001 | 0.003 | -0.020 | -0.001 | 0.003 | -0.030 |
| DASS Anxiety | -0.008 | 0.010 | -0.055 | -0.008 | 0.010 | -0.057 | -0.006 | 0.010 | -0.044 |
| PC1 | 3.762 | 1.518 | 0.135\*\* | 3.870 | 1.547 | 0.139\*\* | 4.141 | 1.542 | 0.149\*\* |
| PC2 | -2.510 | 1.970 | -0.074 | -2.890 | 1.984 | -0.085 | -2.752 | 1.972 | -0.081 |
| PC3 | -0.148 | 1.872 | -0.005 | 0.138 | 1.881 | 0.004 | -0.126 | 1.873 | -0.004 |
| Gender | -0.102 | 0.204 | -0.028 | -0.158 | 0.207 | -0.043 | -0.184 | 0.206 | -0.050 |
| Education | 0.037 | 0.031 | 0.066 | 0.037 | 0.031 | 0.067 | 0.035 | 0.031 | 0.063 |
| Lifetime mTBI | -0.065 | 0.131 | -0.028 | -0.035 | 0.132 | -0.015 | -0.019 | 0.132 | -0.008 |
| WTAR | 0.016 | 0.005 | 0.170\*\* | 0.016 | 0.005 | 0.164\*\* | 0.015 | 0.005 | 0.162\*\* |
| APOE ε4 status |  |  |  | -0.028 | 0.137 | -0.011 | 0.877 | 0.415 | 0.341\* |
| CBE |  |  |  | -0.211 | 0.128 | -0.095 | 0.567 | 0.360 | 0.254\* |
| CBE x APOE ε4 status |  |  |  |  |  |  | -0.631 | 0.273 | -0.515\* |
| *R2* | 0.0887 | | | 0.0963 | | | 0.1106 | | |
| *F* for change in *R2* |  | | | 1.38 | | | 5.35\* | | |

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, CBE = close-range blast exposure.