**Table S9.** *Regression Summary Table for the Association of Close-range Blast Exposure by APOE ε4 Status on CVLT-II Short 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 | -0.068 | -0.002 | 0.003 | -0.043 | -0.002 | 0.003 | -0.055 |
| DASS Anxiety | -0.006 | 0.010 | -0.041 | -0.006 | 0.010 | -0.042 | -0.004 | 0.010 | -0.026 |
| PC1 | 3.552 | 1.462 | 0.131\* | 3.610 | 1.492 | 0.133\* | 3.938 | 1.479 | 0.145\*\* |
| PC2 | -0.282 | 1.897 | -0.009 | -0.587 | 1.913 | -0.018 | -0.419 | 1.892 | -0.013 |
| PC3 | 1.037 | 1.803 | 0.033 | 1.263 | 1.813 | 0.040 | 0.945 | 1.797 | 0.030 |
| Gender | -0.254 | 0.197 | -0.070 | -0.302 | 0.199 | -0.084 | -0.333 | 0.197 | -0.092 |
| Education | 0.040 | 0.030 | 0.074 | 0.041 | 0.030 | 0.075 | 0.038 | 0.029 | 0.070 |
| Lifetime mTBI | -0.043 | 0.126 | -0.019 | -0.018 | 0.128 | -0.008 | 0.001 | 0.126 | 0.000 |
| WTAR | 0.019 | 0.005 | 0.209\*\* | 0.019 | 0.005 | 0.204\*\* | 0.019 | 0.005 | 0.202\*\* |
| APOE ε4 status |  |  |  | -0.038 | 0.132 | -0.015 | 1.054 | 0.398 | 0.419\* |
| CBE |  |  |  | -0.174 | 0.124 | -0.080 | 0.765 | 0.345 | 0.350\* |
| CBE x APOE ε4 status |  |  |  |  |  |  | -0.761 | 0.262 | -0.635\*\* |
| *R2* | 0.1170 | | | 0.1225 | | | 0.1444\*\* | | |
| *F* for change in *R2* |  | | | 1.04 | | | 8.45\* | | |

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.