**Table S2.** *Differential Effects of the Relationship Between Close-range Blast Exposure and Cognition as a Function of APOE ε4 Status After Exclusion for RDS Fails*

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| Cognitive Composite Measure | Moderation analyses  Close-range blast exposure x *APOE* ε4 carrier status |
| Memory | ΔR2 = .0160, *F*(1, 323) = 5.85, *p* = .016\*  *APOE* ε4+: t = –2.68, B = –.57, *p* = .008\*\*  *APOE* ε4-: t = .028, B = .00, *p* = .98 |
| Attention | ΔR2 = .0007, *F*(1, 282) = .233, *p* = .63 |
| Executive Functioning | ΔR2 = .0067, *F*(1, 305) = 2.63, *p* = .11 |

Note. \* denotes p < .05, \*\*denotes p < .01. APOE = apolipoprotein, RDS = Reliable Digit Span. Bootstrapped regression analyses were used to assess moderation effects of APOE ε4 status on close-range blast exposure (CBE) with identical covariates as primary analysis. Significant differential effects were further probed based on APOE ε4 carrier status.