Table 3

*Hierarchical Multiple Regression Models Predicting Post PASAT-C Affect from Neuroticism, ANS Variables, and their Interactions, Controlling for Pre-Task Affect (N=194)*

|  |  |
| --- | --- |
|  | Outcome |
| Parameter | Post-Task Distress | Post-Task Fear | Post-Task Hostility | Post-Task Shame |
|  | *B* | *B* | *B* | *B* |
|  | Model 1 | Model 2 | Model 1 | Model 2 | Model 1 | Model 2 | Model 1 | Model 2 |
| Step 1 |  |  |  |  |  |  |  |  |
|  Baseline Affect |  0.35\*\*\* |  0.34\*\*\* |  0.36\*\*\* |  0.36\*\*\* |  0.28\*\*\* |  0.25\*\* |  0.29\*\*\* |  0.28\*\*\* |
| Step 2 |  |  |  |  |  |  |  |  |
|  Neuroticism (N) | -0.30 |  0.29 |  0.16\* |  0.53\* |  0.14\* |  0.65\* | 0.10 | -0.39 |
|  Baseline PEP  | -0.03 | -0.03 | -0.08 | -0.08 | -0.08 | -0.09 | 0.05 | 0.06 |
| Step 3 |  |  |  |  |  |  |  |  |
|  N × Baseline PEP |  | -0.33 |  | -0.38 |  | -0.53\* |  |  -0.51\* |
|  |  |  |  |  |  |  |  |  |
| *R2* ∆ |  0.002 |  0.008 |  0.031\* |  0.012 | 0.024 |  0.020\* | 0.012 |  0.020\* |
| Model *R2* |  0.12\*\*\* |  0.13\*\*\* |  0.17\*\*\* |  0.18\*\*\* |  0.127\*\*\* |  0.148\*\*\* |  0.097\*\*\* |  0.12\*\*\* |

*Note*: †*p* = .05, \**p* < .05, \*\**p < .01, \*\*\*p* < .001. PEP = Cardiac Pre-ejection Period, PASAT = Paced Auditory Serial Addition Task. Model 1 = Steps 1 and 2, with change in *R2* representing additional variance accounted for in Step 2; Model 2 = Steps 1, 2, and 3.