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.