Table 2

*Hierarchical Multiple Regression Models Predicting Negative Urgency and PASAT-C Quit Time from Neuroticism, Pre-Ejection Period, and their Interactions (N=194)*

|  |  |
| --- | --- |
|  | Outcome |
| Parameter | Negative Urgency | PASAT Quit Time+  |
|  | *B* | *B* |
|  | Model 1 | Model 2 | Model 1 | Model 2 |
| Step 1 |  |  |  |  |
|  Female Sex++ | -- | -- |  0.21\*\* |  0.20\*\* |
|  Neuroticism (N) |  0.49\*\*\* |  0.99\*\*\* | 0.12 | 0.49 |
|  Baseline PEP  | -0.13\* | -0.14\* | 0.03 | 0.02 |
| Step 2 |  |  |  |  |
|  N × Baseline PEP |  | -0.52\* |  | -0.38 |
|  |  |  |  |  |
| *R2* ∆ |  | 0.02\* |  |  0.011 |
| Model *R2* |  0.26\*\*\* |  0.28\*\*\* | 0.054\* |  0.065\* |

*Note*: \**p* < .05, \*\**p < .01, \*\*\*p* < .001. PEP = Cardiac Pre-ejection Period, PASAT = Paced Auditory Serial Addition Task.

+Variable was created by log transforming the time spent in level 3 of the PASAT and inverting values so that higher scores reflect greater impulsive behavior.

++To reduce unnecessary error in estimates, female sex was only included in models where it demonstrated significant zero-order correlations with other included variables; however, patterns of significant findings remained the same female sex was included in other models.