Supplementary Materials

Table of Contents

[Supplementary Tables 2](#_Toc67919811)

[Table S1. Social Conflict, Resting Heart Rate, and NSSI 2](#_Toc67919812)

[Table S2. Social Conflict, Resting Heart Rate, and SI 3](#_Toc67919813)

[Supplementary Figures 4](#_Toc67919814)

[Figure S1. Resting Heart Rate Moderates the Effect of Peer Conflict on NSSI 4](#_Toc67919815)

[Missing Data 5](#_Toc67919816)

[Figure S2. Missing Variable Percent. 5](#_Toc67919817)

[Figure S3. Missing Variable Count. 5](#_Toc67919818)

# Supplementary Tables

## Table S1. Social Conflict, Resting Heart Rate, and NSSI

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Negative Binomial** | | | **Zero-Inflation** | | | | **Hurdle** | | | |
| *Predictors* | *Log-Mean* | *Std. Error* | *P-Value* | *Log-Mean* | | *Std. Error* | *P-Value* | *Log-Mean* | *Std. Error* | | *P-Value* |
| (Intercept) | -2.383 | 0.666 | **<0.001** | 0.151 | | 0.621 | 0.808 | -0.518 | 0.708 | | 0.464 |
| Peer Conflict (centered) | -2.395 | 1.227 | 0.051 | 2.283 | | 1.173 | 0.052 | 2.290 | 1.383 | | 0.098 |
| Resting Heart Rate (centered) | 0.004 | 0.013 | 0.781 | 0.005 | | 0.011 | 0.641 | 0.003 | 0.013 | | 0.818 |
| Family Conflict (centered) | 0.191 | 0.203 | 0.345 | -0.215 | | 0.141 | 0.127 | -0.140 | 0.159 | | 0.379 |
| NSSI W1 | 0.515 | 0.087 | **<0.001** | 0.119 | | 0.068 | 0.082 | 0.090 | 0.072 | | 0.211 |
| PDS | 0.370 | 0.255 | 0.147 | 0.005 | | 0.230 | 0.981 | 0.296 | 0.251 | | 0.237 |
| Peer Conflict x Resting Heart Rate | 0.232 | 0.091 | **0.010** | 0.388 | | 0.099 | **<0.001** | 0.325 | 0.106 | | **0.002** |
| Family Conflict x Resting Heart Rate | -0.006 | 0.012 | 0.607 | -0.020 | | 0.009 | **0.031** | -0.014 | 0.010 | | 0.154 |
| **Zero-Inflated Model** |  |  |  |  | |  |  |  |  | |  |
| (Intercept) |  |  |  | 2.690 | | 1.360 | **0.048** | -2.363 | 0.909 | | **0.009** |
| Peer Conflict (centered) |  |  |  | 8.557 | | 3.393 | **0.012** | -5.374 | 2.060 | | **0.009** |
| Resting Heart Rate (centered) |  |  |  | 0.010 | | 0.028 | 0.727 | -0.008 | 0.019 | | 0.689 |
| Family Conflict (centered) |  |  |  | -0.967 | | 0.706 | 0.171 | 0.279 | 0.320 | | 0.384 |
| NSSI W1 |  |  |  | -1.395 | | 0.400 | **<0.001** | 0.997 | 0.194 | | **<0.001** |
| PDS |  |  |  | -0.365 | | 0.559 | 0.513 | 0.060 | 0.363 | | 0.868 |
| Peer Conflict x Resting Heart Rate |  |  |  | 0.192 | | 0.244 | 0.430 | 0.114 | 0.137 | | 0.404 |
| Family Conflict x Resting Heart Rate |  |  |  | -0.027 | | 0.037 | 0.465 | -0.002 | 0.020 | | 0.908 |
| Observations | 147 | | | | 147 | | | | | 147 | |
| R2 Nagelkerke | 0.478 | | | | 0.647 / 0.626 | | | | | 0.552 / 0.526 | |

## Table S2. Social Conflict, Resting Heart Rate, and SI

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Negative Binomial** | | | **Zero-Inflation** | | | | **Hurdle** | | | |
| *Predictors* | *Log-Mean* | *Std. Error* | *P-Value* | *Log-Mean* | | *Std. Error* | *P-Value* | *Log-Mean* | *Std. Error* | | *P-Value* |
| (Intercept) | -1.898 | 0.578 | **0.001** | -0.256 | | 0.369 | 0.487 | -0.209 | 0.364 | | 0.566 |
| Peer Conflict (centered) | -1.579 | 1.051 | 0.133 | 0.447 | | 0.602 | 0.457 | 0.407 | 0.601 | | 0.498 |
| Resting Heart Rate (centered) | 0.009 | 0.012 | 0.420 | 0.015 | | 0.007 | **0.044** | 0.013 | 0.007 | | 0.070 |
| Family Conflict (centered) | 0.203 | 0.194 | 0.294 | -0.112 | | 0.102 | 0.271 | -0.126 | 0.098 | | 0.202 |
| SI W1 | 0.194 | 0.059 | **0.001** | 0.139 | | 0.024 | **<0.001** | 0.140 | 0.024 | | **<0.001** |
| PDS | 0.623 | 0.240 | **0.010** | 0.388 | | 0.138 | **0.005** | 0.375 | 0.140 | | **0.007** |
| Gender | 0.457 | 0.314 | 0.146 | 0.076 | | 0.202 | 0.708 | 0.055 | 0.200 | | 0.781 |
| Peer Conflict x Resting Heart Rate | -0.006 | 0.081 | 0.944 | 0.084 | | 0.042 | **0.047** | 0.086 | 0.044 | | 0.053 |
| Family Conflict x Resting Heart Rate | 0.005 | 0.012 | 0.661 | -0.005 | | 0.005 | 0.387 | -0.003 | 0.006 | | 0.546 |
| **Zero-Inflated Model** |  |  |  |  | |  |  |  |  | |  |
| (Intercept) |  |  |  | 0.874 | | 0.861 | 0.310 | -1.636 | 0.717 | | **0.023** |
| Peer Conflict (centered) |  |  |  | 2.333 | | 1.578 | 0.139 | -2.000 | 1.346 | | 0.137 |
| Resting Heart Rate (centered) |  |  |  | 0.027 | | 0.018 | 0.125 | -0.020 | 0.015 | | 0.195 |
| Family Conflict (centered) |  |  |  | -0.665 | | 0.355 | 0.061 | 0.551 | 0.265 | | **0.037** |
| SI W1 |  |  |  | -0.129 | | 0.095 | 0.178 | 0.147 | 0.086 | | 0.088 |
| PDS |  |  |  | -0.045 | | 0.351 | 0.899 | 0.250 | 0.303 | | 0.409 |
| Gender |  |  |  | -1.104 | | 0.470 | **0.019** | 1.082 | 0.400 | | **0.007** |
| Peer Conflict x Resting Heart Rate |  |  |  | 0.132 | | 0.118 | 0.266 | -0.094 | 0.105 | | 0.371 |
| Family Conflict x Resting Heart Rate |  |  |  | -0.021 | | 0.020 | 0.297 | 0.014 | 0.017 | | 0.424 |
| Observations | 147 | | | | 147 | | | | | 147 | |
| R2 Nagelkerke | 0.318 | | | | 0.551 / 0.521 | | | | | 0.546 / 0.516 | |

# Supplementary Figures

Diagram

Description automatically generated

## Figure S1. Resting Heart Rate Moderates the Effect of Peer Conflict on NSSI

# Missing Data

Graphical user interface

Description automatically generated

## Figure S2. Missing Variable Percent.

Graphical user interface, application, table, Excel

Description automatically generated

## Figure S3. Missing Variable Count.