Stress system concordance as a predictor of longitudinal resilience trajectories in adolescence

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# **Table S1.** Correlation matrix and item/ scale descriptives.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   |   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 1 | Age T1 | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | Income T1 | 0.108 | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | Race/Ethnicity | 0.018 | **-0.360** | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | Medication T1 | 0.113 | -0.123 | -0.027 | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | BDI T1 | **0.216** | -0.156 | 0.140 | **0.247** | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | BDI T2 | 0.040 | -0.191 | 0.070 | **0.435** | **0.591** | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | BDI T3 | -0.156 | -0.098 | -0.025 | **0.274** | **0.613** | **0.674** | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 | BSSI T1 | 0.016 | -0.147 | 0.111 | **0.281** | **0.731** | **0.453** | **0.429** | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 | BSSI T2 | -0.116 | -0.181 | 0.196 | **0.306** | 0.188 | **0.576** | **0.311** | 0.207 | - |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 | BSSI T3 | 0.002 | -0.171 | 0.056 | 0.220 | 0.250 | **0.349** | **0.594** | **0.300** | **0.407** | - |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 | NSSI Engagement T1 | **0.199** | -0.035 | 0.066 | **0.243** | **0.511** | **0.458** | **0.418** | **0.362** | **0.231** | **0.254** | - |  |  |  |  |  |  |  |  |  |  |  |
| 12 | NSSI Engagement T2 | -0.005 | -0.032 | -0.003 | 0.153 | **0.389** | **0.574** | **0.530** | **0.312** | **0.455** | **0.354** | **0.602** | - |  |  |  |  |  |  |  |  |  |  |
| 13 | NSSI Engagement T3 | -0.119 | 0.091 | -0.096 | 0.025 | 0.136 | **0.241** | **0.445** | 0.160 | **0.257** | **0.391** | 0.119 | **0.360** | - |  |  |  |  |  |  |  |  |  |
| 14 | Positive Affect T1 | -0.172 | 0.005 | -0.108 | **-0.256** | **-0.496** | **-0.312** | **-0.342** | **-0.390** | -0.206 | -0.228 | **-0.222** | **-0.299** | -0.167 | - |  |  |  |  |  |  |  |  |
| 15 | Positive Affect T2 | -0.163 | 0.146 | -0.150 | -0.105 | **-0.365** | **-0.391** | **-0.314** | **-0.301** | -0.218 | -0.128 | -0.221 | **-0.238** | **-0.343** | **0.328** | - |  |  |  |  |  |  |  |
| 16 | Positive Affect T3 | 0.013 | 0.087 | -0.052 | -0.234 | **-0.539** | **-0.435** | **-0.416** | **-0.391** | -0.153 | -0.172 | -0.239 | **-0.363** | -0.194 | **0.378** | **0.670** | - |  |  |  |  |  |  |
| 17 | Self Worth T1 | -0.117 | **0.234** | **-0.241** | **-0.224** | **-0.728** | **-0.602** | **-0.480** | **-0.703** | **-0.368** | -0.166 | **-0.497** | **-0.489** | -0.126 | **0.549** | **0.371** | **0.454** | - |  |  |  |  |  |
| 18 | Self Worth T2 | -0.073 | 0.086 | -0.127 | **-0.260** | **-0.432** | **-0.649** | **-0.397** | **-0.412** | **-0.424** | **-0.321** | **-0.304** | **-0.341** | **-0.320** | **0.396** | **0.570** | **0.550** | **0.608** | - |  |  |  |  |
| 19 | Self Worth T3 | 0.082 | -0.080 | 0.046 | -0.202 | **-0.528** | **-0.562** | **-0.701** | **-0.321** | -0.145 | -0.239 | **-0.297** | -0.252 | **-0.267** | 0.106 | **0.460** | **0.667** | **0.399** | **0.518** | - |  |  |  |
| 20 | Life Satisfaction T1 | -0.120 | 0.087 | -0.105 | **-0.403** | **-0.646** | **-0.642** | **-0.597** | **-0.546** | **-0.443** | **-0.422** | **-0.362** | **-0.440** | -0.242 | **0.520** | **0.331** | **0.492** | **0.715** | **0.582** | **0.510** | - |  |  |
| 21 | Life Satisfaction T2 | 0.016 | **0.254** | **-0.234** | **-0.385** | **-0.501** | **-0.745** | **-0.626** | **-0.465** | **-0.514** | **-0.319** | **-0.410** | **-0.448** | **-0.319** | **0.331** | **0.539** | **0.484** | **0.505** | **0.758** | **0.588** | **0.668** | - |  |
| 22 | Life Satisfaction T3 | -0.032 | 0.120 | -0.097 | **-0.353** | **-0.546** | **-0.578** | **-0.626** | **-0.305** | **-0.338** | **-0.395** | **-0.276** | **-0.368** | **-0.379** | **0.444** | **0.584** | **0.571** | **0.434** | **0.491** | **0.761** | **0.737** | **0.785** |  - |
|  | N  | 109 | 109 | 109 | 109 | 103 | 86 | 64 | 106 | 85 | 62 | 107 | 89 | 73 | 82 | 73 | 55 | 81 | 75 | 58 | 81 | 70 | 55 |
|  | Mean (SD) | *14.94 (1.20)* | *na* | *na* | *na* | 15.51 (14.16) | 14.15 (11.34) | 13.92 (10.75) | 1.42 (2.16) | 1.01 (1.69) | 0.89 (1.78) | 0.53 (0.63) | 0.42 (0.54) | 0.35 (0.56) | 25.87 (8.00) | 23.68 (8.00) | 23.65 (8.50) | 2.62 (0.89) | 2.62 (0.78) | 2.59 (0.85) | 22.67 (8.16) | 22.03 (7.92) | 22.18 (7.88) |
|  | Range | 12.20-17.02 | 0, 1 | 0, 1 | 0, 1 | 0–54 | 0–38 | 0–43 | 0–10 | 0–7 | 0–7 | 0–2.53 | 0–2.56 | 0–1.96 | 10–43 | 10–46 | 10–45 | 1–4 | 1–4 | 1–4 | 5–35 | 5–35 | 5–35 |
|  | Skewness | *na* | *na* | *na* | *na* | 0.782 | 0.430 | 0.735 | 1.876 | 1.652 | 2.502 | 1.036 | 1.474 | 1.510 | 0.196 | 0.776 | 0.501 | -0.070 | -0.164 | -0.025 | -0.382 | -0.144 | -0.223 |
|  | Kurtosis  | *na* | *na* | *na* | *na* | -0.331 | -1.017 | -0.030 | 3.661 | 1.895 | 5.896 | 0.484 | 2.167 | 1.088 | -0.506 | 0.282 | -0.296 | -0.919 | -0.701 | -0.877 | -0.790 | -1.040 | -0.955 |
|   | Cronbach’s alpha | *na* | *na* | *na* | *na* | 0.96 | 0.93 | 0.96 | 0.87 | 0.86 | 0.86 | *na* | *na* | *na* | 0.89 | 0.91 | 0.91 | 0.91 | 0.92 | 0.92 | 0.93 | 0.89 | 0.91 |

*Note:* Bold indicates significance at *p* < 0.05. Income levels were divided into high/low using a median split. Race/Ethnicity was divided into those with a minoritized identity and those without. Medication captures whether the individual was taking a medication that is known to act on the HPA axis or not. T1=Time 1, T2= Time 2, T3= Time 3, BDI=Beck Depression Inventory II Total Score, BSSI=Beck Suicide Severity Inventory 5-tem Score, NSSI=Non-suicidal self-injury (past year counts log transformed).

# **Table S2.** Correlation matrix of profile attributes

#

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |   | 1 | 2 | 3 | 4 |
| 1 | Self-reported Stress, Speech | - |  |  |  |
| 2 | Self-reported Stress, Math | **0.476** | - |  |  |
| 3 | Experimenter Rated Stress, Speech | **0.212** | 0.0853 | - |  |
| 4 | Experimenter Reported Stress, Math | 0.053 | **0.385** | **0.512** | - |
| 5 | Mid-TSST Cortisol (Sample #3)\* | 0.048 | 0.044 | 0.047 | 0.040 |

*Note:* Bold indicates significance at *p* < 0.05. \* Cortisol Sample #3 was selected for the correlation table as this sample is time-lagged to index peak cortisol response during the Trier Social Stress Test (see Figure 1). TSST = Trier Social Stress Test

#

# **Table S3.** Patterns and predictors of missing Beck Depression Inventory data across the four profiles.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | LLL (N = 39) | HLM (N = 25) | HHH (N = 19) | HHL (N = 26) | ALL (N = 109) |
| Beck Depression Inventory II Missingness, b (se) |
|  | T2 | T3 | T2 | T3 | T2 | T3 | T2 | T3 | T2 | T3 |
| *N* (sample with data) | 32 | 25 | 21 | 17 | 12 | 9 | 23 | 13 | 88 | 64 |
| Missing Data Correlates |
| Age | *ns* | *ns* | *ns* | 1.07, 0.60 | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* |
| Income | *ns* | -1.40, 0.85 | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* |
| Minority race | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* |
| BDI | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | 0.08, 0.04\* | *ns* | 0.03, 0.01\* |
| BSSI | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* |
| NSSI | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | 0.74, 0.36\* | *ns* |
| PA | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* |
| SPPA | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | -0.45, 0.27 |
| SLS | -0.22, 0.12 | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* |

*Note:* LLL = Low experience, Low expression, and Low physiology, HLM = Highexperience, Low expression, and Moderate physiology, HHH = High experience, High expression, and High physiology, HHL = High experience, High expression, and Low physiology, ALL = total study sample, T2 = Time 2, T3 = Time 3, BDI = Beck Depression Inventory II, BSSI = Beck Suicide Severity Index, NSSI = Non-suicidal self-injury, PA = Positive Affect subscale of the Positive and Negative Affect Schedule - Extended, SPPA = The Self-Perception Profile for Adolescents Global Self-worth subscale, SLS = Satisfaction with Life Scale.

Non-standard beta values and standard deviations are provided when *p* < 0.1, \* indicates *p* < 0.05.

# **Table S4.** Patterns and predictors of missing Beck Suicide Severity Index data across the four profiles.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | LLL (N = 39) | HLM (N = 25) | HHH (N = 19) | HHL (N = 26) | ALL (N = 109) |
| Beck Suicide Severity Index Missingness, b (se) |
|  | T2 | T3 | T2 | T3 | T2 | T3 | T2 | T3 | T2 | T3 |
| *N* (sample with data) | 32 | 24 | 21 | 17 | 12 | 9 | 23 | 12 | 88 | 62 |
| Missing Data Correlates |
| Age | 0.79, 0.39\* | 0.53, 0.30 | *ns* | 1.07, 0.60 | *ns* | *ns* | *ns* | *ns* | *ns* | 0.32, 0.17 |
| Income | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* |
| Minority race | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* |
| BDI | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | 0.09, 0.04\* | *ns* | 0.04, 0.01\* |
| BSSI | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* |
| NSSI | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | 0.66, 0.36 | *ns* |
| PA | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | -0.06, 0.03 |
| SPPA | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | -0.46, 0.27 |
| SLS | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* |

*Note:* LLL = Low experience, Low expression, and Low physiology, HLM = Highexperience, Low expression, and Moderate physiology, HHH = High experience, High expression, and High physiology, HHL = High experience, High expression, and Low physiology, ALL = total study sample, T2 = Time 2, T3 = Time 3, BDI = Beck Depression Inventory II, BSSI = Beck Suicide Severity Index, NSSI = Non-suicidal self-injury, PA = Positive Affect subscale of the Positive and Negative Affect Schedule - Extended, SPPA = The Self-Perception Profile for Adolescents Global Self-worth subscale, SLS = Satisfaction with Life Scale.

Non-standard beta values and standard deviations are provided when *p* < 0.1, \* indicates *p* < 0.05.

# **Table S5.** Patterns and predictors of missing non-suicidal self-injury data across the four profiles.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | LLL (N = 39) | HLM (N = 25) | HHH (N = 19) | HHL (N = 26) | ALL (N = 109) |
| Non-suicidal Self-injury Missingness, b (se) |
|  | **T2** | **T3** | **T2** | **T3** | **T2** | **T3** | **T2** | **T3** | **T2** | **T3** |
| *N* (sample with data) | 35 | 28 | 21 | 19 | 13 | 10 | 23 | 16 | 92 | 73 |
| Missing Data Correlates |
| Age | 0.89, 0.49 | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* |
| Income | -2.19, 1.12 | -2.02, 0.92\* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* |
| Minority race | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* |
| BDI | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | 0.03, 0.01 |
| BSSI | *ns* | *ns* | 0.144, 0.08 | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* |
| NSSI | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | 0.87, 0.38\* | *ns* |
| PA | *ns* | *ns* | *ns* | *ns* | 0.15, 0.09 | *ns* | *ns* | *ns* | *ns* | *ns* |
| SPPA | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | -1.99, 1.10 | *ns* | -0.58, 0.29\* |
| SLS | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* |

*Note:* LLL = Low experience, Low expression, and Low physiology, HLM = Highexperience, Low expression, and Moderate physiology, HHH = High experience, High expression, and High physiology, HHL = High experience, High expression, and Low physiology, ALL = total study sample, T2 = Time 2, T3 = Time 3, BDI = Beck Depression Inventory II, BSSI = Beck Suicide Severity Index, NSSI = Non-suicidal self-injury, PA = Positive Affect subscale of the Positive and Negative Affect Schedule - Extended, SPPA = The Self-Perception Profile for Adolescents Global Self-worth subscale, SLS = Satisfaction with Life Scale.

Non-standard beta values and standard deviations are provided when *p* < 0.1, \* indicates *p* < 0.05.

# **Table S6.** Patterns and predictors of missing Positive Affect data across the four profiles.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | LLL (N = 39) | HLM (N = 25) | HHH (N = 19) | HHL (N = 26) | ALL (N = 109) |
| Positive Affect Scale Missingness, b (se) |
|  | **T2** | **T3** | **T2** | **T3** | **T2** | **T3** | **T2** | **T3** | **T2** | **T3** |
| *N* (sample with data) | 28 | 24 | 17 | 13 | 13 | 7 | 17 | 11 | 75 | 55 |
| Missing Data Correlates |
| Age | ns | ns | ns | ns | ns | ns | ns | 0.749, 0.424 | ns | 0.298,0.168 |
| Income | ns | ns | ns | ns | ns | ns | ns | ns | ns | -0.875, 0.499 |
| Minority race | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| BDI | ns | ns | ns | ns | ns | ns | ns | 0.109, 0.044\* | 0.027, 0.015 | 0.035,0.015\* |
| BSSI | ns | ns | 0.269, 0.128\* | ns | ns | ns | ns | ns | 0.048, 0.026 | ns |
| NSSI | 2.279, 0.827\* | ns | 1.702, 0.866\* | ns | ns | ns | 2.183, 0.923\* | ns | 1.747, 0.412\* | ns |
| PA | ns | -0.155,0.080 | ns | ns | 0.154, 0.085 | ns | ns | ns | ns | ns |
| SPPA | ns | ns | ns | ns | ns | ns | -2.230, 1.245 | ns | -0.597, 0.288\* | -0.675, 0.275\* |
| SLS | ns | ns | ns | 0.149, 0.090 | ns | ns | ns | ns | ns | ns |

*Note:* LLL = Low experience, Low expression, and Low physiology, HLM = Highexperience, Low expression, and Moderate physiology, HHH = High experience, High expression, and High physiology, HHL = High experience, High expression, and Low physiology, ALL = total study sample, T2 = Time 2, T3 = Time 3, BDI = Beck Depression Inventory II, BSSI = Beck Suicide Severity Index, NSSI = Non-suicidal self-injury, PA = Positive Affect subscale of the Positive and Negative Affect Schedule - Extended, SPPA = The Self-Perception Profile for Adolescents Global Self-worth subscale, SLS = Satisfaction with Life Scale.

Non-standard beta values and standard deviations are provided when *p* < 0.1, \* indicates *p* < 0.05.

# **Table S7.** Patterns and predictors of missing Self Worth data across the four profiles.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | LLL (N = 39) | HLM (N = 25) | HHH (N = 19) | HHL (N = 26) | ALL (N = 109) |
| Self-Perception Profile for Adolescents Missingness, b (se) |
|  | **T2** | **T3** | **T2** | **T3** | **T2** | **T3** | **T2** | **T3** | **T2** | **T3** |
| *N* (sample with data) | 31 | 25 | 17 | 14 | 13 | 7 | 16 | 12 | 77 | 58 |
| Missing Data Correlates |
| Age | ns | ns | ns | 0.838, 0.491 | ns | ns | ns | ns | ns | 0.335, 0.171\* |
| Income | ns | -1.467, 0.863 | ns | ns | ns | ns | ns | ns | ns | -0.933, 0.502 |
| Minority race | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| BDI | 0.074,0.034\* | ns | ns | ns | ns | ns | ns | 0.094, 0.040\* | 0.037, 0.015\* | 0.033, 0.014\* |
| BSSI | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| NSSI | 1.691, 0.711\* | ns | ns | ns | ns | ns | 1.684, 0.788\* | ns | 1.364, 0.376\* | ns |
| PA | ns | ns | ns | ns | 0.154, 0.085 | ns | -0.194, 0.117 | ns | ns | -0.051, 0.029 |
| SPPA | -1.809,0.622 | ns | ns | ns | ns | ns | ns | ns | ns | -0.849, 0.289\* |
| SLS | -0.158, 0.082 | ns | ns | ns | ns | ns | ns | ns | ns | ns |

*Note:* LLL = Low experience, Low expression, and Low physiology, HLM = Highexperience, Low expression, and Moderate physiology, HHH = High experience, High expression, and High physiology, HHL = High experience, High expression, and Low physiology, ALL = total study sample, T2 = Time 2, T3 = Time 3, BDI = Beck Depression Inventory II, BSSI = Beck Suicide Severity Index, NSSI = Non-suicidal self-injury, PA = Positive Affect subscale of the Positive and Negative Affect Schedule - Extended, SPPA = The Self-Perception Profile for Adolescents Global Self-worth subscale, SLS = Satisfaction with Life Scale.

Non-standard beta values and standard deviations are provided when *p* < 0.1, \* indicates *p* < 0.05.

# **Table S8.** Patterns and predictors of missing Satisfaction with Life Scale data across the four profiles.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | LLL (N = 39) | HLM (N = 25) | HHH (N = 19) | HHL (N = 26) | ALL (N = 109) |
| Satisfaction with Life Scale Missingness, b (se) |
|  | **T2** | **T3** | **T2** | **T3** | **T2** | **T3** | **T2** | **T3** | **T2** | **T3** |
| *N* (sample with data) | 27 | 24 | 16 | 13 | 13 | 7 | 16 | 11 | 72 | 55 |
| Missing Data Correlates |
| Age | ns | ns | ns | ns | ns | ns | ns | 0.749, 0.424 | ns | 0.298, 0.168 |
| Income | ns | ns | ns | ns | ns | ns | ns | ns | ns | -0.875, 0.499 |
| Minority race | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| BDI | ns | ns | ns | ns | ns | ns | ns | 0.109, 0.044\* | ns | 0.036, 0.015\* |
| BSSI | ns | ns | 0.233, 0.119\* | ns | ns | ns | ns | ns | 0.046, 0.026 | ns |
| NSSI | 2.133, 0.795\* | ns | 1.354, 0.811 | ns | ns | ns | 2.01, 0.866\* | ns | 1.599, 0.396\* | ns |
| PA | ns | -0.156, 0.080 | ns | ns | 0.154, 0.085 | ns | ns | ns | ns | ns |
| SPPA | ns | ns | ns | ns | ns | ns | -3.474, 1.709\* | ns | -0.586, 0.280\* | -0.675, 0.275\* |
| SLS | ns | ns | ns | 0.149, 0.090 | ns | ns | ns | ns | ns | ns |

*Note:* LLL = Low experience, Low expression, and Low physiology, HLM = Highexperience, Low expression, and Moderate physiology, HHH = High experience, High expression, and High physiology, HHL = High experience, High expression, and Low physiology, ALL = total study sample, T2 = Time 2, T3 = Time 3, BDI = Beck Depression Inventory II, BSSI = Beck Suicide Severity Index, NSSI = Non-suicidal self-injury, PA = Positive Affect subscale of the Positive and Negative Affect Schedule - Extended, SPPA = The Self-Perception Profile for Adolescents Global Self-worth subscale, SLS = Satisfaction with Life Scale.

Non-standard beta values and standard deviations are provided when *p* < 0.1, \* indicates *p* < 0.05.

# **Table S9.** Parameter Estimates (Standard Errors) and Model Adequacy Indices for Subgroups Produced by Multi-trajectory Models.

|   | Stress Experience |  Stress Expression | Salivary Cortisol | AvePPj | OCCj | Probj | Propj | Ratio |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Low Experience - Low Expression - Low Physiology (n=41) |   | .926 | 37.379 | .359 | .362 | 0.992 |
| Intercept | 1.935\* (0.158) A | 2.238\* (0.132) A | 0.101\* (0.008) A |   |   |   |   |   |
| Linear | 0.403\* (0.049) | 0.090\* (0.037) a | -0.001† (0.001) a |   |   |   |   |   |
| Quadratic | -0.028\* (0.003) a |   |   |   |   |   |   |   |
| High Experience – Low Expression – Moderate Physiology (n=25) |   | .851 | 17.263 | .219 | .221 | 0.991 |
| Intercept | 3.006\* (0.228) B | 1.908\* (0.187) A | 0.142\* (0.014) B |   |   |   |   |   |
| Linear | 0.462\* (0.064) | 0.156\* (0.049) a |  0.001\* (0.001) |   |   |   |   |   |
| Quadratic | -0.032\* (0.004) a |   | -0.001† (0.001) b |   |   |   |   |   |
| High Experience - High Expression - Low Physiology (n=28) |   | .926 | 37.724 | .252 | .248 | 1.016 |
| Intercept | 2.754\* (0.197) B | 2.897\* (0.169) B | 0.090\* (0.009) B |   |   |   |   |   |
| Linear | 0.535\* (0.057) | 0.248\* (0.047) b | -0.001† (0.001) a |   |   |   |   |   |
| Quadratic | -0.032\* (0.003) a |   |   |   |   |   |   |   |
| High Experience - High Expression - High Physiology (n=19) |   | .996 | 828.898 | .169 | .168 | 1.006 |
| Intercept | 2.721\* (0.212) B | 3.018\* (0.187) B | 0.223\* (0.014) A |   |   |   |   |   |
| Linear | 0.461\* (0.067) | 0.195\* (0.052) b | 0.005\* (0.001) |   |   |   |   |   |
| Quadratic | -0.030\* (0.004) a |   | -0.001\* (0.001) c |   |   |   |   |   |

*Note:* AvePPj = Average posterior probability; OCCj = Odds of correct classification; Probj = Probability of group assignment; Propj = Proportion of children assigned to each group; Ratio = Ratio of Probj to Propj; A, a, B, b, c Upper-case and lower-case superscripts denote significant differences in intercept and polynomial estimates, respectively, within the same Trier Social Stress Test response index.

† *p* < .10 \* *p* < .05.

# **Table S10.** History of Non-suicidal Self-injury by Profile

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Total Sample(*N =* 109) | *Lexperi–Lexpres–**Lphysio* (*n=*39) | *Hexperi–Hexpres–Hphysio* (*n=*19) | *Hexperi–Lexpres–Mphysio* (*n=*25) | *Hexperi–Hexpres–**Lphysio* (*n=*26) |
| NSSI History, *N* (%) | 73 (67.0) | 24 (61.5) | 12 (63.2) | 16 (64.0) | 21 (80.8) |
| NSSI Incidents, *M* (SD) | 37.06 (79.99) | 36.23 (92.20) | 45.71 (102.93) | 31.32 (66.12) | 38.15 (56.06) |
| NSSI Severity, *N* (%) a |  |  |  |  |  |
| None | 35 (32.7) | 15 (38.5) | 6 (31.6) | 9 (36.0) | 5 (20.0) |
| Mild | 10 (9.3) | 4 (10.3) | 1 (5.3) | 4 (16.0) | 1 (4.0) |
| Moderate | 40 (37.4) | 12 (30.8) | 8 (42.1) | 7 (28.0) | 13 (52.0) |
| Severe | 22 (20.6) | 8 (20.5) | 3 (15.8) | 5 (20.0) | 6 (24.0) |

*Note:* Lexperi–Lexpres–Lphysio=Low experience, low expression, low physiology profile group; Hexperi–Hexpres–Hphysio=High experience, high expression, high physiology profile group; Hexperi–Lexpres–Mphysio=High experience, low expression, moderate physiology profile group; Hexperi–Hexpres–Lphysio=High experience, High expression, low physiology profile group; NSSI = non-suicidal self-injury; NSSI History = The number and percentage of individuals within each profile that report any history of NSSI; NSSI Incidents = The average and standard deviation of the lifetime number of engagements in NSSI reported by each profile; NSSI Severity = The number and percentage of individuals within each profile that meet each NSSI severity cut off. a Two individuals are missing lifetime NSSI categorization.

# **Table S11.** Linear mixed effect regression model results demonstrating group differences in indices of psychopathology over time based on stress experience, expression, and physiology profile where *Lexperi–Lexpres–Lphysio* is set as the reference group.

|  |  |  |  |
| --- | --- | --- | --- |
|   | Depressive Symptoms*B,*  b (SE), *p-value* | Suicide Ideation Severity*B,* b (SE), *p-value* | Non-suicidal Self-injury*B,* b (SE), *p-value* |
| Age (years)  | 0.15 | 1.861 (1.197), 0.123 | 0.02 | 0.048 (0.171), 0.780 | 0.08 | 0.049 (0.058), 0.397 |
| Takes Medication Affecting HPA | 0.22\*\* | 5.684 (2.053), 0.007 | 0.23\*\* | 0.937 (0.287), 0.002 | 0.13 | 0.154 (0.098), 0.120 |
| Income (Above Median) | -0.10 | -2.948 (1.897), 0.122 | -0.10 | -0.458 (0.304), 0.134 | -0.03 | -0.043 (0.099), 0.667 |
| Time Point (Reference: Time 2) |  |  |  |  |  |  |
| Time 1 | 0.22 | 2.720 (2.072), 0.191 | 0.23 | 0.451 (0.421), 0.285 | 0.17 | 0.099 (0.117), 0.400 |
| Time 3 | 0.10 | 1.207 (2.334), 0.606 | 0.01 | 0.012 (0.478), 0.981 | -0.26 | -0.150 (0.128), 0.242 |
| Profile (Reference: *Lexperi–Lexpres–Lphysio*) |  |  |  |  |  |
| *Hexperi–Hexpres–Lphysio* | 0.86\*\* | 10.740 (3.100), 0.001 | 0.32 | 0.634 (0.519), 0.223 | 0.07 | 0.040 (0.160), 0.801 |
| *Hexperi–Lexpres–Mphysio* | 0.24 | 3.030 (3.194), 0.344 | 0.17 | 0.330 (0.533), 0.537 | -0.02 | -0.013 (0.165), 0.935 |
| *Hexperi–Hexpres–Hphysio* | 0.57 | 7.134 (3.718), 0.056 | 0.14 | 0.267 (0.631), 0.673 | 0.06 | 0.036 (0.189), 0.851 |
| Interaction of Time Point and Profile (Reference groups: *Lexperi–Lexpres–Lphysio* and Time 2) |  |  |  |  |
| *Hexperi–Hexpres–Lphysio* Time 1 | 0.10 | 1.267 (3.067), 0.680 | 0.23 | 0.452 (0.638), 0.480 | 0.25 | 0.147 (0.175), 0.403 |
| *Hexperi–Lexpres–Mphysio* Time 1 | -0.14 | -1.773 (3.072), 0.565 | -0.31 | -0.603 (0.645), 0.351 | -0.07 | -0.039 (0.177), 0.825 |
| *Hexperi–Hexpres–Hphysio* Time 1 | -0.02 | -0.187 (3.585), 0.958 | 0.11 | 0.215 (0.748), 0.774 | -0.05 | -0.030 (0.210), 0.886 |
| *Hexperi–Hexpres–Lphysio* Time 3 | -0.04 | -0.539 (3.558), 0.880 | 0.19 | 0.363 (0.766), 0.636 | 0.10 | 0.060 (0.196), 0.759 |
| *Hexperi–Lexpres–Mphysio* Time 3 | -0.15 | -1.874 (3.357), 0.578 | 0.03 | 0.056 (0.716), 0.938 | 0.20 | 0.116 (0.193), 0.550 |
| *Hexperi–Hexpres–Hphysio* Time 3 | -0.75\* | -9.390 (4.114), 0.024 | -0.63 | -1.230 (0.875), 0.162 | 0.02 | 0.011 (0.232), 0.963 |
| N  |  | 255  |  | 255  |  | 270  |
| N (grid) |  |  109  |  |  109  |  |  109  |
| R2 (fixed) |  | 0.217 |  | 0.140 |  | 0.049 |
| R2 (total) |  | 0.640 |  | 0.311 |  | 0.412 |

*\*\* p* < 0.01*, \* p* < 0.05

# **Table S12.** Contrasts to detect differences in psychopathology between profiles at each time point.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Depressive Symptoms | Suicide Ideation Severity | Non-suicidal Self-injury |
| Time Point | Contrast(Reference: *Hexperi–Hexpres–Hphysio*) | *b* | SE | *p-value* | *b* | SE | *p-value* | *b* | SE | *p-value* |
| Time 1 | *Hexperi–Hexpres–Lphysio*  | 5.06 | 3.57 | 0.275 | 0.605 | 0.565 | 0.462 | 0.182 | 0.183 | 0.508 |
| Time 2 | *Hexperi–Hexpres–Lphysio*  | 3.61 | 3.95 | 0.561 | 0.368 | 0.664 | 0.791 | 0.005 | 0.202 | 0.999 |
| Time 3 | *Hexperi–Hexpres–Lphysio*  | **12.46** | **4.54** | **0.013** | **1.961** | **0.815** | **0.032** | 0.054 | 0.229 | 0.949 |
| Time 1 | *Hexperi–Lexpres–Mphysio*  | -5.69 | 3.67 | 0.218 | -0.755 | 0.580 | 0.331 | -0.058 | 0.187 | 0.920 |
| Time 2 | *Hexperi–Lexpres–Mphysio*  | -4.10 | 4.07 | 0.500 | 0.063 | 0.681 | 0.989 | -0.049 | 0.208 | 0.949 |
| Time 3 | *Hexperi–Lexpres–Mphysio*  | 3.41 | 4.44 | 0.655 | 1.350 | 0.767 | 0.145 | 0.056 | 0.228 | 0.946 |
| Time Point | Contrast (Reference: *Lexperi–Lexpres–Lphysio*) | *b* | SE | *p-value* | *b* | SE | *p-value* | *b* | SE | *p-value* |
| Time 1 | *Hexperi–Hexpres–Lphysio*  | **12.01** | **2.96** | **< .001** | **1.086** | **0.477** | **0.045** | 0.187 | 0.149 | 0.354 |
| Time 2 | *Hexperi–Hexpres–Lphysio*  | **10.74** | **3.10** | **0.001** | 0.634 | 0.519 | 0.374 | 0.040 | 0.160 | 0.943 |
| Time 3 | *Hexperi–Hexpres–Lphysio*  | **10.20** | **3.60** | **0.010** | 0.997 | 0.650 | 0.224 | 0.101 | 0.179 | 0.786 |
| Time 1 | *Hexperi–Lexpres–Mphysio*  | 1.26 | 3.04 | 0.869 | -0.274 | 0.491 | 0.789 | -0.053 | 0.153 | 0.904 |
| Time 2 | *Hexperi–Lexpres–Mphysio*  | 3.03 | 3.20 | 0.539 | 0.330 | 0.534 | 0.751 | -0.013 | 0.165 | 0.991 |
| Time 3 | *Hexperi–Lexpres–Mphysio* | 1.16 | 3.48 | 0.909 | 0.386 | 0.597 | 0.734 | 0.102 | 0.178 | 0.779 |

*Note: p-value* adjustment was executed using Dunnett’s method for multiple comparisons for two tests (each contrast per time). Bold text indicates *p* < 0.10.

# **Table S13.** Contrasts to detect significant change in symptoms of psychopathology across time points within each profile.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Depressive Symptoms | Suicide Ideation Severity | Non-suicidal Self-injury |
| Profile | Contrast | *b* | SE | *p-value* | *b* | SE | *p-value* | *b* | SE | *p-value* |
| *Hexperi–Hexpres–Hphysio* | Time 1 - Time 2 | 2.533 | 3.20 | 0.640 | 0.666 | 0.646 | 0.487 | 0.068 | 0.186 | 0.893 |
| Time 3 - Time 2 | **-8.183** | **3.67** | **0.052** | -1.219 | 0.761 | 0.199 | -0.140 | 0.205 | 0.711 |
| Time 3 - Time 1 | -3.319 | 3.37 | 0.514 | **-1.884** | **0.763** | **0.027** | -0.208 | 0.220 | 0.541 |
| *Lexperi–Lexpres–Lphysio* | Time 1 - Time 2 | 2.720 | 2.07 | 0.326 | 0.451 | 0.421 | 0.462 | 0.099 | 0.117 | 0.606 |
| Time 3 - Time 2 | 1.207 | 2.34 | 0.813 | 0.012 | 0.479 | 0.999 | -0.150 | 0.128 | 0.401 |
| Time 3 - Time 1 | -1.513 | 2.75 | 0.793 | -0.440 | 0.508 | 0.592 | -0.249 | 0.146 | 0.160 |
| *Hexperi–Lexpres–Mphysio* | Time 1 - Time 2 | 0.947 | 2.58 | 0.893 | -0.152 | 0.518 | 0.926 | 0.059 | 0.145 | 0.872 |
| Time 3 - Time 2 | -0.666 | 2.80 | 0.948 | 0.068 | 0.568 | 0.984 | -0.035 | 0.159 | 0.955 |
| Time 3 - Time 1 | -1.614 | 3.27 | 0.826 | 0.220 | 0.602 | 0.894 | -0.094 | 0.174 | 0.798 |
| *Hexperi–Hexpres–Lphysio* | Time 1 - Time 2 | 3.987 | 2.61 | 0.226 | 0.903 | 0.514 | 0.147 | 0.245 | 0.144 | 0.164 |
| Time 3 - Time 2 | 0.668 | 2.95 | 0.952 | 0.375 | 0.620 | 0.760 | -0.090 | 0.161 | 0.787 |
| Time 3 - Time 1 | -3.319 | 3.37 | 0.514 | -0.528 | 0.649 | 0.626 | -0.335 | 0.176 | 0.108 |

*Note: p-value* adjustment was executed using Dunnett’s method for multiple comparisons for two tests (each contrast per profile). Bold text indicates *p* < 0.10.

# **Table S14.** Linear mixed effect regression model results demonstrating group differences in indices of well-being over time based on stress experience, expression, and physiology profile where *Lexperi–Lexpres–Lphysio* is set as the reference group.

|  |  |  |  |
| --- | --- | --- | --- |
|   | Positive Affect*B,* b (SE), *p-value* | Global Self-worth*B,* b (SE), *p-value* | Satisfaction with Life*B,* b (SE), *p-value* |
| Age (years)  | -0.16 | -1.269 (0.870), 0.148 | -0.09 | -0.073 (0.084), 0.384 | -0.05 | -0.420 (0.832), 0.614 |
| Takes Medication Affecting HPA | -0.21\* | -3.471 (1.512), 0.024 | -0.24\*\* | -0.410 (0.144), 0.005 | -0.37\*\*\* | -6.058 (1.466), 0.000 |
| Income (Above Median) | 0.00 | 0.088 (1.469), 0.952 | 0.07 | 0.151 (0.142), 0.290 | 0.06 | 1.110 (1.335), 0.407 |
| Time Point (Reference: Time 2) |  |  |  |  |  |  |
| Time 1 | 0.10 | 0.785 (1.739), 0.652 | -0.07 | -0.061 (0.162), 0.707 | -0.12 | -0.983 (1.389), 0.480 |
| Time 3 | -0.19 | -1.525 (1.869), 0.416 | -0.16 | -0.134 (0.179), 0.455 | -0.18 | -1.441 (1.497), 0.337 |
| Profile (Reference: *Lexperi–Lexpres–Lphysio*) |  |  |  |  |  |
| *Hexperi–Hexpres–Lphysio* | -0.17 | -1.376 (2.419), 0.570 | -0.68\* | -0.563 (0.237), 0.018 | -0.66\* | -5.299 (2.193), 0.017 |
| *Hexperi–Lexpres–Mphysio* | -0.53 | -4.306 (2.464), 0.082 | -0.70\* | -0.581 (0.236), 0.015 | -0.51 | -4.047 (2.228), 0.071 |
| *Hexperi–Hexpres–Hphysio* | -0.14 | -1.178 (2.621), 0.654 | -0.40 | -0.330 (0.254), 0.195 | -0.60\* | -4.829 (2.343), 0.041 |
| Interaction (Reference groups: *Lexperi–Lexpres–Lphysio* and Time 2) |  |  |  |  |
| *Hexperi–Hexpres–Lphysio* Time 1 | 0.05 | 0.398 (2.583), 0.878 | -0.10 | -0.086 (0.267), 0.748 | 0.10 | 0.833 (1.969), 0.673 |
| *Hexperi–Lexpres–Mphysio* Time 1 | 0.42 | 3.426 (2.623), 0.194 | 0.28 | 0.236 (0.255), 0.357 | 0.24 | 1.925 (2.062), 0.353 |
| *Hexperi–Hexpres–Hphysio* Time 1 | -0.58 | -4.736 (2.826), 0.096 | -0.19 | -0.160 (0.292), 0.585 | 0.18 | 1.446 (2.213), 0.515 |
| *Hexperi–Hexpres–Lphysio* Time 3 | 0.00 | 0.019 (3.026), 0.995 | -0.20 | -0.164 (0.292), 0.576 | 0.27 | 2.157 (2.342), 0.359 |
| *Hexperi–Lexpres–Mphysio* Time 3 | 0.56 | 4.574 (2.915), 0.119 | 0.38 | 0.315 (0.279), 0.261 | 0.27 | 2.196 (2.270), 0.335 |
| *Hexperi–Hexpres–Hphysio* Time 3 | 0.62 | 5.033 (3.380), 0.139 | 0.68 | 0.566 (0.334), 0.093 | 0.50 | 4.029 (2.581), 0.121 |
| N  |  | 212  |  | 215  |  | 208  |
| N (grid) |  |  98  |  |  101  |  |  98  |
| R2 (fixed) |  | 0.111 |  | 0.163 |  | 0.208 |
| R2 (total) |  | 0.514 |  | 0.525 |  | 0.709 |

*\*\*\* p* < 0.001*, \*\* p* < 0.01*, \* p* < 0.05

# **Table S15.** Contrasts to detect differences in well-being between profiles at each time point.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Positive Affect | Global Self-worth | Satisfaction with Life |
| Time Point | Contrast(Reference: *Hexperi–Hexpres–Hphysio*) | *b* | SE | *p-value* | *b* | SE | *p-value* | *b* | SE | *p-value* |
| Time 1 | *Hexperi–Hexpres–Lphysio*  | 4.936 | 2.67 | 0.121 | -0.159 | 0.285 | 0.788 | -1.083 | 2.42 | 0.852 |
| Time 2 | *Hexperi–Hexpres–Lphysio*  | -0.197 | 2.86 | 0.994 | -0.233 | 0.285 | 0.623 | -0.469 | 2.56 | 0.967 |
| Time 3 | *Hexperi–Hexpres–Lphysio*  | -5.212 | 3.59 | 0.260 | **-0.963** | **0.351** | **0.013** | -2.341 | 3.05 | 0.657 |
| Time 1 | *Hexperi–Lexpres–Mphysio*  | 5.035 | 2.70 | 0.118 | 0.145 | 0.277 | 0.807 | 1.261 | 2.48 | 0.817 |
| Time 2 | *Hexperi–Lexpres–Mphysio*  | -3.128 | 2.92 | 0.461 | -0.250 | 0.287 | 0.588 | 0.782 | 2.62 | 0.924 |
| Time 3 | *Hexperi–Lexpres–Mphysio*  | -3.587 | 3.55 | 0.499 | -0.501 | 0.352 | 0.271 | -1.050 | 3.04 | 0.903 |
| Time Point | Contrast (Reference: *Lexperi–Lexpres–Lphysio*) | *b* | SE | *p-value* | *b* | SE | *p-value* | *b* | SE | *p-value* |
| Time 1 | *Hexperi–Hexpres–Lphysio*  | -0.978 | 2.33 | 0.866 | **-0.649** | **0.232** | **0.011** | **-4.47** | **2.08** | **0.063** |
| Time 2 | *Hexperi–Hexpres–Lphysio*  | -1.376 | 2.42 | 0.782 | **-0.563** | **0.237** | **0.036** | **-5.30** | **2.20** | **0.033** |
| Time 3 | *Hexperi–Hexpres–Lphysio*  | -1.357 | 2.75 | 0.826 | **-0.727** | **0.263** | **0.012** | -3.14 | 2.38 | 0.323 |
| Time 1 | *Hexperi–Lexpres–Mphysio*  | -0.880 | 2.35 | 0.889 | -0.345 | 0.222 | 0.217 | -2.12 | 2.13 | 0.509 |
| Time 2 | *Hexperi–Lexpres–Mphysio*  | -4.306 | 2.47 | 0.151 | **-0.581** | **0.236** | **0.029** | -4.05 | 2.23 | 0.131 |
| Time 3 | *Hexperi–Lexpres–Mphysio* | 0.268 | 2.70 | 0.988 | -0.265 | 0.261 | 0.496 | -1.85 | 2.37 | 0.648 |

*Note: p-value* adjustment was executed using Dunnett’s method for multiple comparisons for two tests (each contrast per time). Bold text indicates *p* < 0.10.

# **Table S16.** Contrasts to detect significant change in well-being across time points within each profile.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Positive Affect | Global Self-worth | Satisfaction with Life |
| Profile | Contrast | *b* | SE | *p-value* | *b* | SE | *p-value* | *b* | SE | *p-value* |
| *Hexperi–Hexpres–Hphysio* | Time 1 - Time 2 | -3.951 | 2.43 | 0.191 | -0.221 | 0.261 | 0.605 | 0.463 | 1.96 | 0.949 |
| Time 3 - Time 2 | 3.508 | 3.00 | 0.404 | 0.432 | 0.300 | 0.265 | 2.588 | 2.32 | 0.434 |
| Time 3 - Time 1 | **7.459** | **3.31** | **0.049** | 0.653 | 0.352 | 0.120 | 2.124 | 2.68 | 0.640 |
| *Lexperi–Lexpres–Lphysio* | Time 1 - Time 2 | 0.785 | 1.74 | 0.850 | -0.061 | 0.162 | 0.888 | -0.983 | 1.39 | 0.696 |
| Time 3 - Time 2 | -1.525 | 1.87 | 0.626 | -0.134 | 0.179 | 0.669 | -1.441 | 1.50 | 0.531 |
| Time 3 - Time 1 | -2.311 | 2.17 | 0.466 | -0.073 | 0.205 | 0.899 | -0.458 | 1.84 | 0.944 |
| *Hexperi–Lexpres–Mphysio* | Time 1 - Time 2 | 4.212 | 2.19 | 0.105 | 0.175 | 0.215 | 0.625 | 0.942 | 1.79 | 0.807 |
| Time 3 - Time 2 | 3.049 | 2.45 | 0.361 | 0.182 | 0.236 | 0.655 | 0.755 | 1.98 | 0.885 |
| Time 3 - Time 1 | -1.163 | 2.71 | 0.861 | 0.007 | 0.264 | 0.999 | -0.186 | 2.27 | 0.991 |
| *Hexperi–Hexpres–Lphysio* | Time 1 - Time 2 | 1.183 | 2.15 | 0.793 | -0.147 | 0.229 | 0.737 | -0.150 | 1.67 | 0.990 |
| Time 3 - Time 2 | -1.506 | 2.52 | 0.764 | -0.298 | 0.245 | 0.378 | 0.716 | 1.98 | 0.896 |
| Time 3 - Time 1 | -2.689 | 2.69 | 0.506 | -0.151 | 0.273 | 0.792 | 0.866 | 2.19 | 0.879 |

*Note: p-value* adjustment was executed using Dunnett’s method for multiple comparisons for two tests (each contrast per profile). Bold text indicates *p* < 0.10.