**Supplemental Materials**

**Problem Gambling Symptomatology and Alcohol Misuse Among Adolescents: A Parallel-Process Latent Growth Curve Model**

**by S. Mutti-Packer et al., 2017, *Psychology of Addictive Behaviors***

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**Supplementary Table 1.** Sample characteristics by age group and assessment period

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Age 13** |  |  |  |  |
| **Fisher DSM-IV-MR-Juvenile** | **Time 1 (n=161)** | **Time 2 (n=130)** | **Time 3 (n=113)** | **Time 4 (n=114)** |
| Mean (SD) | 0.70 (0.86) | 0.53(0.72) | 0.34 (0.66) | 0.61 (0.73) |
| **Alcohol misuse** | **Time 1 (n=161)** | **Time 2 (n=133)** | **Time 3 (n=120)** | **Time 4 (n=124)** |
| Mean (SD) | 1.07 (0.30) | 1.43 (0.92) | 1.85 (1.18) | 2.51 (1.45) |
| **Age 14** |  |  |  |  |
| **Fisher DSM-IV-MR-Juvenile** | **Time 1 (n=147)** | **Time 2 (n=116)** | **Time 3 (n=98)** | **Time 4 (n=99)** |
| Mean (SD) | 0.61 (0.67) | 0.46 (0.65) | 0.43 (0.61) | 0.62 (0.55) |
| **Alcohol misuse** | **Time 1 (n=147)** | **Time 2 (n=118)** | **Time 3 (n=110)** | **Time 4 (n=112)** |
| Mean (SD) | 1.24 (0.84) | 1.52 (0.97) | 2.23 (1.28) | 2.55 (1.29) |
| **Age 15 and 16** |  |  |  |  |
| **Fisher DSM-IV-MR-Juvenile** | **Time 1 (n=128)** | **Time 2 (n=104)** | **Time 3 (n=101)** | **Time 4 (n=99)** |
| Mean (SD) | 0.79 (0.82) | 0.48 (0.82) | 0.52 (0.66) | 0.51 (0.63) |
| **Alcohol misuse** | **Time 1 (n=128)** | **Time 2 (n=99)** | **Time 3 (n=81)** | **Time 4 (n=76)** |
| Mean (SD) | 1.40 (0.84) | 2.11 (1.20) | 3.00 (1.29) | 2.96 (1.35) |
|  |  |  |  |  |
|  | **Age 13**  *(n=161)* | **Age 14**  *(n=147)* | **Age 15 and 16** *(n=128)* |  |
| **TIME-INVARIANT COVARIATES** | **n (%)** | **n (%)** | **n (%)** |  |
| **Sex**  Males  Females | **0 missing**  85 (52.8)  76 (47.2) | **0 missing**  77 (52.4)  70 (47.6) | **0 missing**  73 (57.0)  55 (43.0) |  |
| **Parental Household Income** | **0 missing** | **0 missing** | **0 missing** |  |
| $0 to $39,999.00  $40,000.00 to $79,999.00  $80,000.00 or more | 15 (9.3)  50 (31.1)  96 (59.6) | 11 (7.5)  46 (31.3)  90 (61.2) | 10 (7.8)  35 (27.3)  83 (64.8) |  |
| **Smoking status**  Non-smoker  Occasional or regular | **0 missing**  157 (97.5)  4 (2.5) | **0 missing**  141 (95.9)  6 (4.1) | **0 missing**  117 (91.4)  11 (8.6) |  |
| **Illicit drug use**  No use in past year  Any use in past year | **0 missing**  150 (93.2)  11 (6.8) | **0 missing**  132 (89.8)  15 (10.2) | **0 missing**  109 (85.2)  19 (14.8) |  |
| **Location** | **0 missing** | **0 missing** | **0 missing** |  |
| Urban | 134 (83.2) | 120 (81.6) | 113 (88.3) |  |
| Rural | 27 (16.8) | 27 (18.4) | 15 (11.7) |  |
| **Ethnicitya** | **1 missing** | **0 missing** | **0 missing** |  |
| Caucasian | 140 (87.0) | 132 (89.8) | 119 (93.0) |  |
| Other | 20 (12.4) | 15 (10.2) | 9 (7.0) |  |

**a***’Other’ category includes: Asian, Arab, Latin, Black, Aboriginal, and Mixed Race.*