**Supplemental Tables**

**Table S1.** *Descriptive statistics and frequencies of sipping indicators.*

**Table S2.***Intercorrelations among sipping indicators.*

**Table S3.** *Demographic differences in sipping.*

**Table S4.** *Sipping’s relations with psychopathology and personality adjusting for age and sex.*

**Table S5.** *Sipping’s relations with psychopathology and personality adjusting for age, sex, race/ethnicity, and religion.*

**Table S6.** *Estimated marginal* *means for psychopathology and personality variables across sipping groups.*

**Table S7.** *Tests of dependent correlations for psychopathology and personality indicators in terms of their relations with*

*religious and nonreligious sipping.*

**Table S8.** *Sipping’s relations with psychopathology and personality with absolute risks included.*

**Table S9.** *Sipping’s relations with CBCL subscales.*

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| **Table S1.** *Descriptive statistics and frequencies of sipping indicators.* | | | | | | | | | | | | |
| **Sipping Type** | **Number of Sipping Occasions** | | | | | | |  | **Descriptive Statistics** | | | |
|  | **0** | **1** | **2** | **3** | **4** | **5** | **6** | **7+** | **M** | **SD** | **Range** |
| Religious only | 11024 | 439 | 145 | 71 | 25 | 24 | 5 | 123 | .67 | 11.38 | 0 - 777 |
| Nonreligious only | 9838 | 1108 | 442 | 205 | 59 | 79 | 18 | 122 | .48 | 3.35 | 0 - 198 |

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| **Table S2.** *Intercorrelations among sipping indicators.* | | | | | | | | | | |
|  | **1.** | | **2.** | | **3.** | | **4.** | | **5.** | |
| 1. Ever sipped |  |  |  |  |  |  |  |  |  |  |
| 2. Ever sipped in a nonreligious context | **.85** | **(.85)** |  |  |  |  |  |  |  |  |
| 3. Number of times sipped overall | **.88** | **(.18)** | **.74** | **(.09)** |  |  |  |  |  |  |
| 4. Number of times sipped in a religious context | **.46** | **(.11)** | **.05** | (.00) | **.57** | **(.97)** |  |  |  |  |
| 5. Number of times sipped in a nonreligious context | **.74** | **(.27)** | **.88** | **(.32)** | **.83** | (.20) | **.06** | (.01) |  |  |
| 6. The age of first nonreligious sip | - | - | - | - | -.07 | (-.06) | .01 | (-.02) | **-.08** | (-.05) |
| *Note.* Bolded is *p*<.001, italicized is *p*<.01. Correlations in parentheses are for the raw indicators prior to being winsorized. | | | | | | | | | | |

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| **Table S3.***Demographic differences in sipping.* | | | | | | | | | | | | | |
|  | ***Ever Sipped*** | | | | ***Times Sipped*** | | | | | | ***Age at First Nonreligious Sip*** | | |
|  | **Overall**  (23% sipped,  N = 2666) | | **Nonreligious**  (17% sipped,  N = 2033) | | **Overall**  (M = .40,  SD = .84) | | **Religious**  (M = .30,  SD = .72) | | **Nonreligious**  (M = .12,  SD = .51) | |
|  | OR | 99% CI | OR | 99% CI | OR | 99% CI | OR | 99% CI | OR | 99% CI | β | 99% CI |
| Age in months | **1.13** | **(1.07, 1.20)** | **1.14** | **(1.06, 1.23)** | **1.14** | **(1.08, 1.20)** | **1.11** | **(1.02, 1.20)** | **1.14** | **(1.06, 1.23)** | **.21** | **(.15, .28)** |
| Gender (0=Male, 1=Female) | **.81** | **(.68, .96)** | **.79** | **(.63, .98)** | **.80** | **(.68, .95)** | **.91** | **(.70, 1.19)** | **.78** | **(.63, .96)** | .02 | (-.05, .09) |
| **Ethnicity**a |  |  |  |  |  |  |  |  |  |  |  |  |
| Asian | .76 | (.55, 1.04) | .81 | (.58, 1.13) | .75 | (.54, 1.03) | **.70** | **(.52, .93)** | .80 | (.57, 1.12) | -.03 | (-.10, .04) |
| Black | **.40** | **(.28, .57)** | **.46** | **(.33, .64)** | **.40** | **(.28, .56)** | **.30** | **(.18, .49)** | **.45** | **(.32, .64)** | .01 | (-.06, .07) |
| Hispanic | .96 | (.61, 1.52) | .80 | (.46, 1.40) | .97 | (.63, 1.50) | 1.53 | (.89, 2.63) | .79 | (.46, 1.37) | .05 | (.01, .10) |
| Other | .95 | (.76, 1.19) | 1.01 | (.79, 1.29) | .95 | (.76, 1.18) | .85 | (.59, 1.21) | 1.01 | (.79, 1.29) | -.03 | (-.09, .04) |
| **Religion**b |  |  |  |  |  |  |  |  |  |  |  |  |
| Religion where alcohol is not ceremonial | **.30** | **(.12, .75)** | **.33** | **(.14, .83)** | **.30** | **(.12, .75)** | **.26** | **(.11, .65)** | **.34** | **(.14, .84)** | -.02 | (-.08, .04) |
| Religion where alcohol is ceremonial | **1.44** | **(1.11, 1.89)** | **1.57** | **(1.23, 2.01)** | **1.42** | **(1.09, 1.85)** | **.82** | **(.51, 1.32)** | **1.59** | **(1.26, 2.02)** | -.02 | (-.08, .04) |
| *Note.* Odds Ratios, standardized Betas, and their 99% CIs are bolded where the CIs do not contain 0.  a White was reference group. b Not religious was reference group. | | | | | | | | | | | | | |

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| **Table S4.** *Sipping’s relations with psychopathology and personality adjusting for age and sex.* | | | | | | | | | | | | | |
|  | ***Ever Sipped*** | | | | ***Times Sipped*** | | | | | | ***Age at First Nonreligious Sip*** | | |
|  | **Overall**  (23% sipped,  N = 2666) | | **Nonreligious**  (17% sipped,  N = 2033) | | **Overall**  (M = .40,  SD = .84) | | **Religious**  (M = .30,  SD = .72) | | **Nonreligious**  (M = .12,  SD = .51) | | (N = 2017;  M = 7.31, SD = 1.90) | |
|  | OR | 99% CI | OR | 99% CI | OR | 99% CI | OR | 99% CI | OR | 99% CI | β | 99% CI |
| **Externalizing Psychopathology** |  |  |  |  |  |  |  |  |  |  |  |  |
| CBCL Externalizing p | 1.01 | (.96, 1.07) | 1.02 | (.95, 1.08) | 1.01 | (.96, 1.07) | .98 | (.88, 1.08) | 1.02 | (.95, 1.08) | -.01 | (-.06, .05) |
| KSADS-5 Lifetime externalizing disorder p | **1.26** | **(1.07, 1.47)** | **1.24** | **(1.02, 1.49)** | **1.26** | **(1.08, 1.48)** | 1.09 | (1.00, 1.20) | 1.24 | (1.02, 1.50) | -.04 | (-.09, .02) |
| **Internalizing Psychopathology** |  |  |  |  |  |  |  |  |  |  |  |  |
| CBCL Internalizing p | .98 | (.91, 1.07) | 1.01 | (.92, 1.11) | .98 | (.90, 1.07) | .92 | (.84, 1.00) | 1.01 | (.92, 1.11) | -.06 | (-.11, .00) |
| KSADS-5 Lifetime mood disorder y | 1.20 | (.94, 1.80) | 1.41 | (1.00, 2.01) | 1.29 | (.94, 1.77) | .97 | (.88, 1.07) | 1.42 | (1.00, 2.00) | -.05 | (-.09, .00) |
| KSADS-5 Lifetime anxiety disorder y | 1.08 | (.66, 1.78) | 1.30 | (.70, 2.41) | 1.05 | (.66, 1.66) | .91 | (.80, 1.04) | 1.26 | (.70, 2.25) | -.02 | (-.07, .04) |
| KSADS-5 Lifetime mood disorder p | .93 | (.71, 1.22) | .94 | (.72, 1.23) | .94 | (.72, 1.21) | .96 | (.88, 1.06) | .95 | (.73, 1.23) | -.04 | (-.09, .01) |
| KSADS-5 Lifetime anxiety disorder p | 1.01 | (.80, 1.27) | 1.13 | (.90, 1.43) | 1.01 | (.81, 1.27) | .95 | (.86, 1.06) | 1.12 | (.90, 1.40) | -.03 | (-.08, .02) |
| KSADS-5 Lifetime eating disorder p | .92 | (.54, 1.57) | 1.13 | (.67, 1.92) | .95 | (.54, 1.66) | .88 | (.74, 1.05) | 1.17 | (.68, 2.00) | .00 | (-.06, .05) |
| **Thought Disorder Psychopathology** |  |  |  |  |  |  |  |  |  |  |  |  |
| CBCL Thought Problems p | 1.01 | (.94, 1.09) | 1.03 | (.95, 1.12) | 1.02 | (.94, 1.09) | .97 | (.87, 1.08) | 1.03 | (.95, 1.11) | -.04 | (-.10, .02) |
| PQ-B prodromal symptoms y | **1.19** | **(1.05, 1.34)** | **1.22** | **(1.08, 1.37)** | **1.18** | **(1.05, 1.33)** | 1.04 | (.91, 1.19) | **1.21** | **(1.07, 1.36)** | -.05 | (-.11, .01) |
| KSADS-5 Lifetime psychotic symptoms p | .92 | (.51, 1.67) | 1.12 | (.61, 2.08) | .95 | (.51, 1.77) | .91 | (.79, 1.04) | 1.16 | (.62, 2.16) | .00 | (-.04, .04) |
| KGBI dimensional mania symptoms p | .94 | (.87, 1.02) | .97 | (.89, 1.05) | .94 | (.87, 1.02) | .87 | (.74, 1.04) | .97 | (.88, 1.05) | -.02 | (-.07, .02) |
| **Parental history of alcoholism** | 1.05 | (.80, 1.38) | 1.06 | (.80, 1.40) | 1.03 | (.78, 1.36) | .86 | (.61, 1.23) | 1.05 | (.78, 1.39) | **-.08** | **(-.15, -.01)** |
| **Self-reported UPPS-P** |  |  |  |  |  |  |  |  |  |  |  |  |
| Lack of Perseverance y | **1.11** | **(1.06, 1.17)** | **1.12** | **(1.06, 1.18)** | **1.11** | **(1.06, 1.17)** | 1.08 | (.98, 1.18) | **1.12** | **(1.06, 1.18)** | **-.07** | (-.11, -.03) |
| Lack of Premeditation y | **1.24** | **(1.17, 1.32)** | **1.21** | **(1.14, 1.27)** | **1.24** | **(1.17, 1.32)** | **1.23** | **(1.14, 1.33)** | **1.21** | **(1.15, 1.28)** | -.05 | (-.08, -.01) |
| Negative Urgency y | **1.17** | **(1.10, 1.23)** | **1.18** | **(1.10, 1.28)** | **1.16** | **(1.10, 1.22)** | 1.08 | (1.01, 1.15) | **1.18** | **(1.10, 1.27)** | .02 | (-.06, .09) |
| Positive Urgency y | 1.08 | (1.00, 1.16) | 1.08 | (1.00, 1.16) | 1.07 | (.99, 1.15) | 1.04 | (.95, 1.14) | 1.07 | (1.00, 1.16) | -.01 | (-.08, .06) |
| Sensation Seeking y | **1.26** | **(1.19, 1.33)** | **1.24** | **(1.16, 1.33)** | **1.27** | **(1.21, 1.34)** | **1.24** | **(1.16, 1.33)** | **1.25** | **(1.17, 1.33)** | .02 | (-.04, .08) |
| **Self-reported BIS/BAS** |  |  |  |  |  |  |  |  |  |  |  |  |
| BIS Inhibition y | **1.06** | **(1.01, 1.12)** | **1.07** | **(1.02, 1.13)** | 1.06 | (1.01, 1.12) | 1.04 | (.95, 1.13) | **1.07** | **(1.02, 1.13)** | -.02 | (-.08, .05) |
| BAS Reward Responsiveness y | 1.00 | (.94, 1.07) | 1.00 | (.94, 1.08) | 1.00 | (.94, 1.06) | .99 | (.91, 1.08) | 1.00 | (.94, 1.07) | -.03 | (-.07, .02) |
| BAS Drive y | .97 | (.92, 1.03) | .98 | (.92, 1.04) | .96 | (.91, 1.02) | .93 | (.84, 1.02) | .97 | (.92, 1.03) | -.03 | (-.09, .02) |
| BAS Fun Seeking y | **1.11** | **(1.03, 1.19)** | **1.14** | **(1.06, 1.23)** | **1.10** | (1.03, 1.18) | .98 | (.89, 1.08) | **1.14** | **(1.07, 1.22)** | -.03 | (-.08, .02) |
| *Note.* Odds Ratios, standardized Betas, and their 99% CIs are bolded where the CIs do not contain 0. All models adjust for age and sex.  y =youth-reported; p = parent-reported. | | | | | | | | | | | | | | -.05 | .92 | .01 | 1.13 | .00 | .95 | -.07 | .88 |

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| **Table S5.** *Sipping’s relations with psychopathology and personality adjusting for age, sex, race/ethnicity, and religion.* | | | | | | | | | | | | | |
|  | ***Ever Sipped*** | | | | ***Times Sipped*** | | | | | | ***Age at First Nonreligious Sip*** | | |
|  | **Overall**  (23% sipped,  N = 2666) | | **Nonreligious**  (17% sipped,  N = 2033) | | **Overall**  (M = .40,  SD = .84) | | **Religious**  (M = .30,  SD = .72) | | **Nonreligious**  (M = .12,  SD = .51) | | (N = 2017;  M = 7.31, SD = 1.90) | |
|  | OR | 99% CI | OR | 99% CI | OR | 99% CI | OR | 99% CI | OR | 99% CI | β | 99% CI |
| **Externalizing Psychopathology** |  |  |  |  |  |  |  |  |  |  |  |  |
| CBCL Externalizing p | 1.01 | (0.92, 1.11) | 0.89 | (0.98, 1.08) | 1.01 | (0.93, 1.11) | 1.02 | (0.89, 1.18) | 0.98 | (0.89, 1.08) | 0.08 | (-0.02, 0.19) |
| KSADS-5 Lifetime externalizing disorder p | **1.24** | **(1.02, 1.50)** | **0.91** | **(1.18, 1.53)** | **1.24** | **(1.03, 1.51)** | **1.33** | **(1.07, 1.64)** | 1.19 | (0.92, 1.53) | -0.02 | (-0.09, 0.04) |
| **Internalizing Psychopathology** |  |  |  |  |  |  |  |  |  |  |  |  |
| CBCL Internalizing p | 0.99 | (0.88, 1.11) | **0.88** | **(1.00, 1.14)** | 0.98 | (0.87, 1.10) | 0.95 | (0.80, 1.12) | 1.01 | (0.88, 1.15) | -0.05 | (-0.13, 0.03) |
| KSADS-5 Lifetime mood disorder y | 1.13 | (0.79, 1.61) | **0.82** | **(1.16, 1.64)** | 1.13 | (0.81, 1.59) | 0.93 | (0.55, 1.55) | 1.19 | (0.85, 1.68) | -0.02 | (-0.08, 0.04) |
| KSADS-5 Lifetime anxiety disorder y | 0.64 | (0.27, 1.50) | 0.29 | (0.75, 1.90) | 0.61 | (0.27, 1.35) | 0.35 | (0.10, 1.21) | 0.71 | (0.30, 1.67) | 0.01 | (-0.05, 0.07) |
| KSADS-5 Lifetime mood disorder p | 1.01 | (0.72, 1.41) | 0.66 | (0.93, 1.31) | 1.01 | (0.74, 1.37) | 1.12 | (0.66, 1.92) | 0.94 | (0.68, 1.30) | -0.03 | (-0.09, 0.03) |
| KSADS-5 Lifetime anxiety disorder p | 0.93 | (0.76, 1.14) | **0.89** | **(1.10, 1.35)** | 0.95 | (0.77, 1.16) | 0.73 | (0.46, 1.17) | 1.08 | (0.88, 1.33) | 0.01 | (-0.06, 0.08) |
| KSADS-5 Lifetime eating disorder p | 0.96 | (0.46, 2.04) | **0.57** | **(1.20, 2.50)** | 1.02 | (0.47, 2.18) | 0.20 | (0.01, 2.95) | 1.24 | (0.58, 2.65) | 0.01 | (-0.06, 0.07) |
| **Thought Disorder Psychopathology** |  |  |  |  |  |  |  |  |  |  |  |  |
| CBCL Thought Problems p | 0.96 | (0.89, 1.04) | 0.89 | (0.97, 1.07) | 0.97 | (0.90, 1.05) | 1.04 | (0.89, 1.21) | 0.96 | (0.88, 1.06) | -0.02 | (-0.10, 0.07) |
| PQ-B prodromal symptoms y | **1.18** | **(1.09, 1.27)** | **1.10** | **(1.19, 1.28)** | **1.18** | **(1.10, 1.26)** | 1.08 | (0.95, 1.23) | **1.18** | **(1.10, 1.26)** | -0.03 | (-0.11, 0.05) |
| KSADS-5 Lifetime psychotic symptoms p | 0.95 | (0.46, 1.97) | **0.52** | **(1.12, 2.43)** | 1.02 | (0.47, 2.22) | 0.47 | (0.12, 1.85) | 1.18 | (0.53, 2.62) | 0.00 | (-0.04, 0.04) |
| KGBI dimensional mania symptoms p | 0.95 | (0.87, 1.04) | 0.88 | (0.98, 1.09) | 0.95 | (0.86, 1.03) | 0.85 | (0.70, 1.05) | 0.98 | (0.88, 1.09) | 0.00 | (-0.06, 0.06) |
| **Parental history of alcoholism** | 0.97 | (0.78, 1.22) | 0.75 | (0.97, 1.26) | 0.95 | (0.76, 1.18) | 0.84 | (0.59, 1.18) | 0.96 | (0.74, 1.24) | **-0.07** | **(-0.14, -0.01)** |
| **Self-reported UPPS-P** |  |  |  |  |  |  |  |  |  |  |  |  |
| Lack of Perseverance y | 1.06 | (1.00, 1.13) | **1.00** | **(1.07, 1.15)** | 1.06 | (1.00, 1.12) | 1.05 | (0.94, 1.17) | 1.07 | (0.99, 1.15) | **-0.06** | **(-0.10, -0.01)** |
| Lack of Premeditation y | **1.15** | **(1.09, 1.22)** | **1.05** | **(1.11, 1.17)** | **1.16** | **(1.09, 1.22)** | **1.18** | **(1.06, 1.31)** | **1.12** | **(1.05, 1.18)** | -0.01 | (-0.07, 0.04) |
| Negative Urgency y | 1.09 | (1.00, 1.19) | **1.02** | **(1.12, 1.22)** | **1.08** | **(1.00, 1.18)** | 1.00 | (0.90, 1.11) | **1.12** | **(1.02, 1.22)** | 0.05 | (-0.03, 0.13) |
| Positive Urgency y | 0.95 | (0.88, 1.03) | 0.85 | (0.93, 1.02) | 0.95 | (0.88, 1.03) | 1.03 | (0.95, 1.13) | 0.93 | (0.85, 1.02) | 0.00 | (-0.08, 0.07) |
| Sensation Seeking y | **1.21** | **(1.13, 1.30)** | **1.09** | **(1.18, 1.28)** | **1.22** | **(1.14, 1.30)** | **1.23** | **(1.11, 1.35)** | **1.19** | **(1.10, 1.28)** | 0.03 | (-0.03, 0.09) |
| **Self-reported BIS/BAS** |  |  |  |  |  |  |  |  |  |  |  |  |
| BIS Inhibition y | 1.04 | (0.97, 1.12) | **0.93** | **(1.02, 1.13)** | 1.05 | (0.98, 1.13) | 1.09 | (0.95, 1.24) | 1.03 | (0.94, 1.13) | -0.01 | (-0.08, 0.06) |
| BAS Reward Responsiveness y | 1.00 | (0.92, 1.09) | 0.88 | (0.98, 1.09) | 1.00 | (0.92, 1.08) | 1.06 | (0.92, 1.22) | 0.98 | (0.88, 1.08) | -0.01 | (-0.07, 0.05) |
| BAS Drive y | 0.95 | (0.88, 1.02) | 0.88 | (0.95, 1.03) | 0.94 | (0.88, 1.01) | 0.94 | (0.83, 1.07) | 0.94 | (0.87, 1.02) | -0.04 | (-0.12, 0.03) |
| BAS Fun Seeking y | 1.05 | (0.94, 1.17) | 0.98 | **(1.10, 1.23)** | 1.04 | (0.93, 1.16) | 0.91 | (0.79, 1.05) | 1.09 | (0.98, 1.22) | -0.04 | (-0.11, 0.02) |
| *Note.* Odds Ratios, standardized Betas, and their 99% CIs are bolded where the CIs do not contain 0. All models adjust for age, sex, race/ethnicity, and religion.  y=youth-reported; p = parent-reported. | | | | | | | | | | | | | |

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| **Table S6.** *Estimated marginal* *means for psychopathology and personality variables across sipping groups.* | | | | | | | | | | | | | | | |
|  | **Never**  **sipped** | | **Religious sippers** | | | **Religious and non-religious sippers** | | | **Non-religious sippers** | | |  | | | |
|  | (*n*= 9206) | | (*n* = 633) | | | (*n* = 210) | | | (*n* = 1823) | | |  | | | |
| ***General Linear Mixed Models*** | ***Estimated Marginal Means and Standard Errors*** | | | | | | | | | | | **Omnibus *F***  (df: 3, 1688-1709) | | | |
|  | *M* | *SE* | | *M* | *SE* | | *M* | *SE* | | *M* | *SE* | *F* | | *p* |
| **UPPS-P** y |  |  | |  |  | |  |  | |  |  |  | |  |
| Lack of Perseverance | 6.97a | (.04) | | 7.19ac | (.10) | | 7.35ac | (.16) | | 7.31bc | (.06) | 1.70 | | <.0001 |
| Lack of Premeditation | 7.65a | (.03) | | 8.16bc | (.10) | | 8.16ac | (.17) | | 8.09bc | (.06) | 32.76 | | <.0001 |
| Negative Urgency | 8.40a | (.06) | | 8.64ac | (.12) | | 8.98ac | (.20) | | 8.92bc | (.08) | 17.29 | | <.0001 |
| Positive Urgency | 7.88a | (.06) | | 8.28ac | (.13) | | 8.49ac | (.21) | | 8.27bc | (.09) | 4.62 | | .0032 |
| Sensation Seeking | 9.66a | (.06) | | 1.23bc | (.12) | | 1.26ac | (.20) | | 1.17bc | (.09) | 35.43 | | <.0001 |
| **BIS/BAS** y |  |  | |  |  | |  |  | |  |  |  | |  |
| BIS Inhibition | 9.44 | (.09) | | 9.57 | (.17) | | 9.99 | (.28) | | 9.76 | (.12) | 2.79 | | .0392 |
| BAS Reward Responsiveness | 1.96 | (.07) | | 11.16 | (.13) | | 11.17 | (.22) | | 11.05 | (.09) | .13 | | .941 |
| BAS Drive | 4.05 | (.08) | | 4.24 | (.14) | | 3.98 | (.22) | | 4.21 | (.10) | .90 | | .4396 |
| BAS Fun Seeking | 5.59a | (.06) | | 5.80ac | (.12) | | 5.94ac | (.20) | | 6.08bc | (.09) | 12.41 | | <.0001 |
| **CBCL** p |  |  | |  |  | |  |  | |  |  |  | |  |
| Externalizing | 45.35a | (.28) | | 46.56ac | (.48) | | 45.54ac | (.76) | | 46.44bc | (.36) | 4.39 | | .0044 |
| Internalizing | 48.35 | (.30) | | 48.13 | (.50) | | 47.93 | (.78) | | 49.02 | (.37) | 3.91 | | .0085 |
| Thought Problems | 53.78 | (.18) | | 53.58 | (.29) | | 54.16 | (.45) | | 54.09 | (.22) | 2.77 | | .0403 |
| **K-GBI Mania** p | 1.22 | (.10) | | 1.28 | (.14) | | 1.16 | (.21) | | 1.40 | (.12) | 2.46 | | .0610 |
| **PQ-B Prodromal Symptoms** y | 2.40a | (.20) | | 2.83ac | (.24) | | 3.29ac | (.31) | | 3.26bc | (.22) | 19.95 | | <.0001 |
| ***Generalized Linear Mixed Models*** | ***Estimated Marginal Means and Standard Errors*** | | | | | | | | | | | **Omnibus *F***  (df: 3, 1638-1658) | | | |
| **KSADS-5 y,p** |  |  | |  |  | |  |  | |  |  |  | | |
| Lifetime mood disorder - youth | 6.06a | (.56) | | 6.62ac | (1.16) | | 8.02ac | (1.87) | | 8.86bc | (.79) | 3.84 | .0094 | |
| Lifetime mood disorder - parent | 5.66 | (.27) | | 6.74 | (1.00) | | 5.44 | (1.73) | | 7.15 | (.59) | .93 | .4266 | |
| Lifetime anxiety disorder - youth | 1.26 | (.16) | | .73 | (.49) | | .40 | (.83) | | 1.75 | (.30) | 1.79 | .1467 | |
| Lifetime anxiety disorder - parent | 8.09 | (.44) | | 5.81 | (1.21) | | 8.20 | (2.04) | | 8.64 | (.76) | 1.77 | .1509 | |
| Lifetime externalizing disorder - parent | 26.38a | (.81) | | 31.32ac | (1.97) | | 32.54ac | (3.28) | | 31.28bc | (1.27) | 8.93 | <.0001 | |
| Lifetime eating disorder - parent | .89 | (.11) | | .56 | (.41) | | .20 | (.71) | | 1.27 | (.24) | 1.80 | .1447 | |
| Lifetime psychotic symptoms - parent | 1.15 | (.12) | | .83 | (.46) | | .96 | (.80) | | 1.47 | (.27) | 1.05 | .3674 | |
| *Note.* y = youth-reported; p = parent-reported. Means and standard errors were adjusted from mixed effects models with site included as a random effect and with age, sex, ethnicity, religion, household income, parental education, and parental marital status included as fixed effects. Subscripts indicate where Tukey-adjusted pairwise comparisons are significant at *p*<.001. Groups without a subscript in common are significantly different. | | | | | | | | | | | | | | | |

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| **Table S7.** *Tests of dependent correlations for psychopathology and personality indicators in terms of their relations with religious and nonreligious sipping.* | | | | | | |
|  | **Times Sipped** | | | | **Test of Dependent**  **Correlations** | |
|  | **Religious** | | **Nonreligious** | |
|  | B | 99% CI | B | 99% CI | Steiger’s Z | p |
| **Externalizing Psychopathology** p |  |  |  |  |  |  |
| CBCL Externalizing | **.11** | **(.00, .21)** | **.10** | **(.03, .17)** | 0.801 | 2.906E-01 |
| KSADS-5 Lifetime externalizing disorder | **.30** | **(.07, .52)** | **.25** | **(.10, .40)** | **4.216** | **1.010E-04** |
| **Internalizing Psychopathology** c, p |  |  |  |  |  |  |
| CBCL Internalizing p | -.02 | (-.12, .08) | .07 | (.00, .13) | **-7.163** | **7.040E-12** |
| KSADS-5 Lifetime mood disorder - child | .07 | (-.36, .49) | **.48** | **(.23, .74)** | **-35.665** | **1.354E-276** |
| KSADS-5 Lifetime mood disorder - parent | .18 | (-.28, .64) | .25 | (-.04, .55) | **-5.766** | **5.295E-08** |
| KSADS-5 Lifetime anxiety disorder - child | -.73 | (-1.92, .45) | .26 | (-.23, .76) | **-99.326** | **0.000E+00** |
| KSADS-5 Lifetime anxiety disorder - parent | -.20 | (-.60, .20) | .07 | (-.17, .31) | **-21.759** | **2.723E-103** |
| KSADS-5 Lifetime eating disorder - parent | -.98 | (-2.88, .93) | .35 | (-.31, 1.01) | **-163.715** | **0.000E+00** |
| **Thought Disorder Psychopathology** c, p |  |  |  |  |  |  |
| CBCL Thought Problems p | .01 | (-.09, .12) | .06 | (.00, .13) | **-3.978** | **2.143E-04** |
| PQ-B prodromal symptoms c | **.11** | **(.02, .21)** | **.25** | **(.19, .31)** | **-11.435** | **5.904E-29** |
| KSADS-5 Lifetime psychotic symptoms p | -.43 | (-1.77, .92) | .32 | (-.32, .95) | **-65.189** | **0.000E+00** |
| KGBI dimensional mania symptoms p | .01 | (-.10, .12) | .06 | (.00, .13) | **-3.978** | **2.143E-04** |
| **Parental history of alcoholism** p | -.02 | (-.35, .32) | .05 | (-.16, .26) | **-5.567** | **1.487E-07** |
| **UPPS-P** c |  |  |  |  |  |  |
| Lack of Perseverance | **.10** | **(.00, .20)** | **.15** | **(.09, .22)** | **-4.021** | **2.082E-04** |
| Lack of Premeditation | **.19** | **(.09, .28)** | **.18** | **(.12, .25)** | 0.815 | 2.906E-01 |
| Negative Urgency | **.10** | **(.01, .20)** | **.20** | **(.13, .27)** | **-8.093** | **6.574E-15** |
| Positive Urgency | **.14** | **(.04, .25)** | **.13** | **(.07, .20)** | 0.805 | 2.906E-01 |
| Sensation Seeking | **.19** | **(.09, .30)** | **.20** | **(.13, .27)** | -0.818 | 2.906E-01 |
| **BIS/BAS** c |  |  |  |  |  |  |
| BIS Inhibition | .06 | (-.04, .16) | **.09** | **(.02, .15)** | -2.394 | 2.975E-02 |
| BAS Reward Responsiveness | .07 | (-.03, .17) | .04 | (-.03, .10) | 2.389 | 2.975E-02 |
| BAS Drive | .04 | (-.06, .14) | .05 | (-.02, .11) | -0.796 | 2.906E-01 |
| BAS Fun Seeking | .05 | (-.05, .15) | **.18** | **(.11, .24)** | **-10.458** | **2.233E-24** |
| *Note.* Regression weights and their 99% confidence intervals are bolded where their false discovery rate adjusted *p*-values were <.001. Steiger’s Zs tests of the difference between two dependent estimates and their *p*-values are bolded where the false discovery rate adjusted *p*-values were <.001. Note that there are cases where two weights are significantly different from one another, per their Steiger’s Zs, but are both nonsignificant. | | | | | | |

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| **Table S8.** *Sipping’s relations with psychopathology and personality with absolute risks included.* | | | | | | | | | | | | | | | | | | |
|  | ***Number of Alcohol Sipping Occasions*** | | | | | | | | | | | | | | | ***Age at First Nonreligious Sip*** | | |
| **Overall** | | | | | **Religious** | | | | | **Nonreligious** | | | | |
|  | (*n*sipped = 2666;  M = .40, SD = .84; AR = 22) | | | | | (*n*sipped = 832;  M = .12, SD = .51; AR = 70) | | | | | (*n*sipped = 2033;  M = .29, SD = .72; AR = 171) | | | | | (*n* = 2017;  M = 7.31, SD = 1.90) | |
|  | B | 99% CI | OR | 99% CI | AR | B | 99% CI | OR | 99% CI | AR | B | 99% CI | OR | 99% CI | AR | β | 99% CI |
| **Externalizing psychopathology** p |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CBCL Externalizing | **.12** | (.06, .19) | **1.13** | **(1.06, 1.20)** | 22 | .11 | (.00, .21) | 1.11 | (1.00, 1.23) | 8 | .10 | (.03, .17) | 1.11 | (1.03, 1.19) | 15 | .01 | (-.05, .07) |
| KSADS-5 Lifetime externalizing disorder | **.29** | (.15, .43) | **1.34** | **(1.16, 1.53)** | 54 | .30° | (.07, .52) | 1.34 | (1.08, 1.68) | 22 | **.25**° | **(.10, .40)** | **1.29** | **(1.11, 1.50)** | 38 | -.04 | (-.10, .03) |
| **Internalizing psychopathology** y, p |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CBCL Internalizing p | .04 | (-.02, .11) | 1.04 | (.98, 1.11) | 7 | -.02° | (-.12, .08) | .98 | (.89, 1.09) | -1 | .07° | (.00, .13) | 1.07 | (1.00, 1.14) | 10 | -.05 | (-.11, .01) |
| KSADS-5 Lifetime mood disorder y | **.42** | (.18, .66) | **1.52** | **(1.19, 1.93)** | 81 | .07° | (-.36, .49) | 1.07 | (.70, 1.63) | 5 | **.48**° | **(.23, .74)** | **1.62** | **(1.25, 2.09)** | 79 | -.04 | (-.10, .02) |
| KSADS-5 Lifetime mood disorder p | .26 | (-.01, .53) | 1.30 | (.99, 1.70) | 48 | .18° | (-.28, .64) | 1.20 | (.76, 1.90) | 13 | .25° | (-.04, .55) | 1.29 | (.96, 1.73) | 38 | -.03 | (-.09, .03) |
| KSADS-5 Lifetime anxiety disorder y | .09 | (-.40, .57) | 1.09 | (.67, 1.76) | 16 | -.73° | (-1.92, .45) | .48 | (.15, 1.57) | -35 | .26° | (-.23, .76) | 1.30 | (.79, 2.14) | 40 | -.03 | (-.09, .03) |
| KSADS-5 Lifetime anxiety disorder p | -.03 | (-.25, .20) | .97 | (.78, 1.22) | -5 | -.20° | (-.60, .20) | .82 | (.55, 1.23) | -12 | .07° | (-.17, .31) | 1.07 | (.85, 1.36) | 10 | -.04 | (-.09, .02) |
| KSADS-5 Lifetime eating disorder p | .20 | (-.44, .85) | 1.23 | (.64, 2.33) | 37 | -.98° | (-2.88, .93) | .38 | (.06, 2.53) | -43 | .35° | (-.31, 1.01) | 1.42 | (.74, 2.76) | 55 | .01 | (-.05, .06) |
| **Thought disorder psychopathology** y, p |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CBCL Thought Problems p | .05 | (-.01, .11) | 1.05 | (.99, 1.12) | 9 | .01° | (-.09, .12) | 1.01 | (.91, 1.12) | 1 | .06° | (.00, .13) | 1.06 | (1.00, 1.14) | 9 | -.04 | (-.10, .02) |
| PQ-B prodromal symptoms y | **.24** | (.18, .29) | **1.27** | **(1.19, 1.34)** | 45 | .11° | (.02, .21) | 1.12 | (1.02, 1.23) | 8 | **.25**° | **(.19, .31)** | **1.28** | **(1.21, 1.36)** | 38 | -.04 | (-.10, .03) |
| KSADS-5 Lifetime psychotic symptoms p | .21 | (-.41, .82) | 1.23 | (.67, 2.27) | 39 | -.43° | (-1.77, .92) | .65 | (.17, 2.52) | -23 | .32° | (-.32, .95) | 1.37 | (.73, 2.59) | 50 | .01 | (-.05, .06) |
| KGBI dimensional mania symptoms p | .06 | (-.01, .12) | 1.06 | (1.00, 1.13) | 11 | .01° | (-.10, .12) | 1.01 | (.90, 1.13) | 1 | .06° | (.00, .13) | 1.07 | (1.00, 1.14) | 9 | .00 | (-.06, .06) |
| **Parental history of alcoholism** p | .07 | (-.12, .26) | 1.07 | (.88, 1.30) | 12 | -.02° | (-.35, .32) | .98 | (.71, 1.37) | -1 | .05° | (-.16, .26) | 1.05 | (.85, 1.30) | 7 | -.05 | (-.12, .01) |
| **UPPS-P** y |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lack of Perseverance | **.15** | (.09, .21) | **1.16** | **(1.09, 1.23)** | 27 | .10° | (.00, .20) | 1.10 | (1.00, 1.22) | 7 | **.15**° | **(.09, .22)** | **1.16** | **(1.09, 1.24)** | 22 | -.08 | (-.14, -.02) |
| Lack of Premeditation | **.21** | (.15, .27) | **1.23** | **(1.16, 1.30)** | 39 | **.19** | **(.09, .28)** | **1.20** | **(1.10, 1.32)** | 13 | **.18** | **(.12, .25)** | **1.20** | **(1.12, 1.28)** | 27 | -.05 | (-.11, .01) |
| Negative Urgency | **.18** | (.12, .24) | **1.20** | **(1.13, 1.27)** | 33 | .10° | (.01, .20) | 1.11 | (1.01, 1.22) | 7 | **.20**° | **(.13, .27)** | **1.22** | **(1.14, 1.30)** | 30 | .03 | (-.03, .08) |
| Positive Urgency | **.15** | (.09, .21) | **1.16** | **(1.09, 1.23)** | 27 | .14 | (.04, .25) | 1.15 | (1.04, 1.28) | 10 | **.13** | **(.07, .20)** | **1.14** | **(1.07, 1.22)** | 19 | .02 | (-.04, .07) |
| Sensation Seeking | **.22** | **(.16, .28)** | **1.25** | **(1.17, 1.33)** | 41 | **.19** | **(.09, .30)** | **1.21** | **(1.10, 1.34)** | 13 | **.20** | **(.13, .27)** | **1.22** | **(1.14, 1.30)** | 30 | .02 | (-.04, .08) |
| **BIS/BAS** y |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BIS Inhibition | .08 | (.02, .14) | 1.08 | (1.02, 1.15) | 14 | .06 | (-.04, .16) | 1.06 | (.96, 1.17) | 4 | .09 | (.02, .15) | 1.09 | (1.02, 1.17) | 13 | -.01 | (-.07, .05) |
| BAS Reward Responsiveness | .05 | (-.01, .11) | 1.05 | (.99, 1.12) | 9 | .07 | (-.03, .17) | 1.07 | (.97, 1.19) | 5 | .04 | (-.03, .10) | 1.04 | (.97, 1.11) | 6 | -.01 | (-.07, .05) |
| BAS Drive | .06 | (-.01, .12) | 1.06 | (.99, 1.12) | 11 | .04 | (-.06, .14) | 1.04 | (.94, 1.15) | 3 | .05 | (-.02, .11) | 1.05 | (.98, 1.12) | 7 | -.01 | (-.07, .05) |
| BAS Fun Seeking | **.15** | (.09, .21) | **1.17** | **(1.10, 1.24)** | 27 | .05° | (-.05, .15) | 1.05 | (.95, 1.16) | 3 | **.18**° | **(.11, .24)** | **1.19** | **(1.12, 1.27)** | 27 | -.01 | (-.07, .05) |
| *Note.* Regression weights and Odds Ratios are bolded where their false discovery rate adjusted *p*-values were < .001.  y = youth-reported; p = parent-reported. AR = absolute risk. °denotes a significant difference between religious and nonreligious sipping in terms of their relations with a psychopathology/personality indicator; differences were indicated by tests of dependent correlations with false-discovery-rate-adjusted *p*-values less than .001. All number of alcohol sipping occasions indicators included 4 levels. All models include age, sex, ethnicity, religion, household income, parental education, and parental marital status. Brant Wald tests of proportional odds for each psychopathology and personality indicator were not significant (*p* > .05), indicating proportional odds across each level of sipping.  For sipping indices, absolute risks reflect the number of children who have sipped alcohol out of 1000. For psychopathology and personality, absolute risks reflect the additional number of children out of 1000 that we would expect to start or increase their sipping as a function of the psychopathology/personality indicator. | | | | | | | | | | | | | | | | | |

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| **Table S9.** *Sipping’s relations with CBCL subscales.* | | | | | | | | | | | | | | |
|  | ***Number of Alcohol Sipping Occasions*** | | | | | | | | | | | | ***Age at First Nonreligious Sip*** | | |
|  | **Overall**  (*n*sipped = 2666;  M = .40, SD = .84) | | | | **Religious**  (*n*sipped = 832;  M = .12, SD = .51) | | | | **Nonreligious**  (*n*sipped = 2033;  M = .29, SD = .72) | | | | (*n* = 2017;  M = 7.31, SD = 1.90) | |
|  | B | 99% CI | OR | 99% CI | B | 99% CI | OR | 99% CI | B | 99% CI | OR | 99% CI | β | 99% CI |
| **CBCL Externalizing** | .12 | (.06, .19) | 1.13 | (1.06, 1.20) | .11 | (.00, .21) | 1.11 | (1.00, 1.23) | .10 | (.03, .17) | 1.11 | (1.03, 1.19) | .01 | (-.05, .07) |
| Aggressive Behavior | .07 | (.01, .14) | 1.08 | (1.01, 1.15) | .08 | (-.02, .18) | 1.08 | (.98, 1.19) | .06 | (-.01, .13) | 1.06 | (.99, 1.14) | .02 | (-.04, .08) |
| Rule-breaking | .14 | (.07, .20) | 1.14 | (1.08, 1.22) | .11 | (.01, .21) | 1.12 | (1.01, 1.24) | .12 | (.05, .18) | 1.12 | (1.05, 1.20) | -.03 | (-.15, .09) |
| **CBCL Internalizing** | .04 | (-.02, .11) | 1.04 | (.98, 1.11) | -.02 | (-.12, .08) | .98 | (.89, 1.09) | .07 | (.00, .13) | 1.07 | (1.00, 1.14) | -.05 | (-.11, .01) |
| Anxious-depressed | .03 | (-.03, .09) | 1.03 | (.97, 1.09) | -.02 | (-.12, .08) | .98 | (.88, 1.09) | .05 | (-.02, .12) | 1.05 | (.99, 1.12) | -.08 | (-.19, .03) |
| Somatic complaints | .08 | (.01, .14) | 1.08 | (1.02, 1.15) | .02 | (-.08, .13) | 1.03 | (.92, 1.14) | .09 | (.02, .16) | 1.09 | (1.02, 1.17) | -.10 | (-.22, .02) |
| Withdrawn-depressed | -.03 | (-.09, .04) | 0.97 | (.91, 1.04) | -.06 | (-.18, .05) | .94 | (.84, 1.05) | -.01 | (-.08, .06) | 0.99 | (.92, 1.06) | -.06 | (-.18, .06) |
| **CBCL Attention Problems** | .07 | (.02, .13) | 1.08 | (1.02, 1.14) | .12 | (.02, .21) | 1.12 | (1.02, 1.24) | .05 | (-.02, .11) | 1.05 | (.99, 1.12) | -.11 | (-.23, .01) |
| **CBCL Thought Problems** | .05 | (-.01, .11) | 1.05 | (.99, 1.12) | .01 | (-.09, .12) | 1.01 | (.91, 1.12) | .06 | (.00, .13) | 1.06 | (1.00, 1.14) | -.04 | (-.10, .02) |
| **CBCL Social Problems** | .06 | (.00, .13) | 1.07 | (1.00, 1.13) | .06 | (-.04, .17) | 1.06 | (.95, 1.19) | .06 | (-.01, .13) | 1.06 | (.99, 1.13) | -.08 | (-.20, .04) |
| *Note.* All number of alcohol sipping occasions indicators included 4 levels. All models include age, sex, ethnicity, religion, household income, parental education, and parental marital status.  Brant Wald tests of proportional odds for each psychopathology and personality indicator were not significant (*p* > .05), indicating proportional odds across each level of sipping. | | | | | | | | | | | | | | |