Supplemental Figure 1. DSM-5 Alcohol, Tobacco, and Cannabis Use Disorders NESARC-III Participants by Race/Ethnicity and Gender

Supplemental Table 1. Main Effects of Childhood Interpersonal Violence on AUD, CUD, and TUD adjusted for Model 1 Covariates

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | All Participants | | | |
|  | OR | 95% CI | | p-value |
| *DSM5 Alcohol Use Disorder* | | | | |
| *Age* | **0.98** | **0.98** | **0.98** | **0.000** |
| *Female Gender* | **0.51** | **0.48** | **0.54** | **0.000** |
| *Race/Ethnicity* | **0.81** | **0.79** | **0.83** | **0.000** |
| *Employment* | **0.74** | **0.69** | **0.80** | **0.000** |
| *Household Income* | **1.01** | **1.00** | **1.02** | **0.016** |
| *Marital Status* | **1.04** | **1.03** | **1.06** | **0.000** |
| *Physical Abuse* | **1.31** | **1.26** | **1.36** | **0.000** |
| *Sexual Abuse* | **1.10** | **1.07** | **1.14** | **0.000** |
| *Parental Violence* | **1.07** | **1.03** | **1.11** | **0.001** |
| *DSM5 Cannabis Use Disorder* | | | | |
| *Age* | **0.97** | **0.96** | **0.97** | **0.000** |
| *Female Gender* | **0.46** | **0.41** | **0.52** | **0.000** |
| *Race/Ethnicity* | **0.82** | **0.78** | **0.86** | **0.000** |
| *Employment* | **0.80** | **0.68** | **0.95** | **0.010** |
| *Household Income* | **0.97** | **0.96** | **0.98** | **0.000** |
| *Marital Status* | **1.05** | **1.03** | **1.08** | **0.000** |
| *Physical Abuse* | **1.38** | **1.31** | **1.45** | **0.000** |
| *Sexual Abuse* | **1.14** | **1.10** | **1.19** | **0.000** |
| *Parental Violence* | 1.03 | 0.99 | 1.08 | 0.145 |
| *DSM5 Tobacco Use Disorder* | | | | |
| *Age* | **0.99** | **0.99** | **0.99** | **0.000** |
| *Female Gender* | **0.59** | **0.55** | **0.63** | **0.000** |
| *Race/Ethnicity* | **0.73** | **0.71** | **0.75** | **0.000** |
| *Employment* | 1.00 | 0.93 | 1.08 | 0.957 |
| *Household Income* | **0.95** | **0.94** | **0.96** | **0.000** |
| *Marital Status* | 1.00 | 0.99 | 1.02 | 0.684 |
| *Physical Abuse* | **1.29** | **1.25** | **1.33** | **0.000** |
| *Sexual Abuse* | **1.13** | **1.10** | **1.16** | **0.000** |
| *Parental Violence* | **1.14** | **1.10** | **1.18** | **0.000** |

Supplemental Table 2. Main Effects of Childhood Interpersonal Violence on AUD, CUD, and TUD and Interactions with Race/Ethnicity adjusted for Model 1 Covariates

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | All Participants | | | |
|  | OR | 95% CI | | p-value |
| *DSM5 Alcohol Use Disorder* | | | | |
| *Age* | **0.98** | **0.98** | **0.98** | **0.000** |
| *Female Gender* | **0.51** | **0.48** | **0.54** | **0.000** |
| *Race/Ethnicity* | **0.81** | **0.79** | **0.83** | **0.000** |
| *Employment* | **0.74** | **0.69** | **0.80** | **0.000** |
| *Household Income* | **1.01** | **1.00** | **1.02** | **0.021** |
| *Marital Status* | **1.04** | **1.03** | **1.06** | **0.000** |
| *Physical Abuse* | **1.28** | **1.20** | **1.36** | **0.000** |
| *Sexual Abuse* | **1.07** | **1.02** | **1.13** | **0.007** |
| *Parental Violence* | 1.01 | 0.95 | 1.08 | 0.797 |
| *Sexual Abuse x Race* | 1.01 | 0.99 | 1.03 | 0.171 |
| *Physical Abuse x Race* | 1.01 | 0.99 | 1.03 | 0.222 |
| *Domestic Violence x Race* | **1.03** | **1.01** | **1.05** | **0.007** |
| *DSM5 Cannabis Use Disorder* | | | | |
| *Age* | **0.97** | **0.96** | **0.97** | **0.000** |
| *Female Gender* | **0.46** | **0.41** | **0.52** | **0.000** |
| *Race/Ethnicity* | **0.81** | **0.77** | **0.85** | **0.000** |
| *Employment* | **0.80** | **0.68** | **0.95** | **0.013** |
| *Household Income* | **0.97** | **0.96** | **0.98** | **0.000** |
| *Marital Status* | **1.05** | **1.03** | **1.08** | **0.000** |
| *Physical Abuse* | **1.33** | **1.23** | **1.45** | **0.000** |
| *Sexual Abuse* | **1.15** | **1.07** | **1.24** | **0.000** |
| *Parental Violence* | 0.99 | 0.92 | 1.07 | 0.876 |
| *Sexual Abuse x Race* | 1.00 | 0.97 | 1.03 | 0.864 |
| *Physical Abuse x Race* | 1.02 | 0.99 | 1.05 | 0.218 |
| *Domestic Violence x Race* | 1.02 | 0.99 | 1.05 | 0.180 |
| *DSM5 Tobacco Use Disorder* | | | | |
| *Age* | **0.99** | **0.99** | **0.99** | **0.000** |
| *Female Gender* | **0.59** | **0.55** | **0.63** | **0.000** |
| *Race/Ethnicity* | **0.73** | **0.71** | **0.75** | **0.000** |
| *Employment* | 1.00 | 0.93 | 1.08 | 0.955 |
| *Household Income* | **0.95** | **0.94** | **0.96** | **0.000** |
| *Marital Status* | 1.00 | 0.99 | 1.02 | 0.675 |
| *Physical Abuse* | **1.29** | **1.22** | **1.36** | **0.000** |
| *Sexual Abuse* | **1.15** | **1.09** | **1.22** | **0.000** |
| *Parental Violence* | **1.17** | **1.10** | **1.24** | **0.000** |
| *Sexual Abuse x Race* | 0.99 | 0.97 | 1.01 | 0.314 |
| *Physical Abuse x Race* | 1.00 | 0.98 | 1.02 | 0.831 |
| *Domestic Violence x Race* | 0.99 | 0.97 | 1.01 | 0.274 |

Supplemental Table 3. Main Effects of Childhood Interpersonal Violence on AUD, CUD, and TUD and Interactions with Gender adjusted for Model 1 Covariates

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | All Participants | | | |
|  | OR | 95% CI | | p-value |
| *DSM5 Alcohol Use Disorder* | | | | |
| *Age* | **0.98** | **0.98** | **0.98** | **0.000** |
| *Female Gender* | **0.51** | **0.48** | **0.55** | **0.000** |
| *Race/Ethnicity* | **0.81** | **0.79** | **0.83** | **0.000** |
| *Employment* | **0.74** | **0.69** | **0.80** | **0.000** |
| *Household Income* | **1.01** | **1.00** | **1.02** | **0.016** |
| *Marital Status* | **1.04** | **1.03** | **1.06** | **0.000** |
| *Physical Abuse* | **1.53** | **1.38** | **1.70** | **0.000** |
| *Sexual Abuse* | 1.06 | 0.91 | 1.23 | 0.468 |
| *Parental Violence* | 0.94 | 0.84 | 1.06 | 0.311 |
| *Sexual Abuse x Gender* | 1.03 | 0.95 | 1.11 | 0.545 |
| *Physical Abuse x Gender* | **0.90** | **0.85** | **0.96** | **0.001** |
| *Domestic Violence x Gender* | **1.08** | **1.01** | **1.15** | **0.016** |
| *DSM5 Cannabis Use Disorder* | | | | |
| *Age* | **0.97** | **0.96** | **0.97** | **0.000** |
| *Female Gender* | **0.47** | **0.42** | **0.53** | **0.000** |
| *Race/Ethnicity* | **0.82** | **0.78** | **0.86** | **0.000** |
| *Employment* | **0.80** | **0.67** | **0.95** | **0.009** |
| *Household Income* | **0.97** | **0.96** | **0.98** | **0.000** |
| *Marital Status* | **1.05** | **1.03** | **1.08** | **0.000** |
| *Physical Abuse* | **1.49** | **1.28** | **1.72** | **0.000** |
| *Sexual Abuse* | **1.34** | **1.12** | **1.61** | **0.002** |
| *Parental Violence* | 1.05 | 0.90 | 1.22 | 0.534 |
| *Sexual Abuse x Gender* | 0.92 | 0.83 | 1.01 | 0.075 |
| *Physical Abuse x Gender* | 0.95 | 0.87 | 1.04 | 0.240 |
| *Domestic Violence x Gender* | 0.99 | 0.90 | 1.09 | 0.819 |
| *DSM5 Tobacco Use Disorder* | | | | |
| *Age* | **0.99** | **0.99** | **0.99** | **0.000** |
| *Female Gender* | **0.60** | **0.56** | **0.64** | **0.000** |
| *Race/Ethnicity* | **0.73** | **0.71** | **0.75** | **0.000** |
| *Employment* | 1.00 | 0.93 | 1.08 | 0.967 |
| *Household Income* | **0.95** | **0.94** | **0.96** | **0.000** |
| *Marital Status* | 1.00 | 0.99 | 1.02 | 0.650 |
| *Physical Abuse* | **1.50** | **1.36** | **1.65** | **0.000** |
| *Sexual Abuse* | 1.03 | 0.89 | 1.20 | 0.690 |
| *Parental Violence* | 1.16 | 1.04 | 1.31 | 0.011 |
| *Sexual Abuse x Gender* | 1.06 | 0.97 | 1.14 | 0.187 |
| *Physical Abuse x Gender* | **0.91** | **0.86** | **0.96** | **0.001** |
| *Domestic Violence x Gender* | 0.99 | 0.92 | 1.06 | 0.711 |

Supplemental Table 4. Main Effects of Childhood Interpersonal Violence on AUD, CUD, and TUD and Interactions with Race/Ethnicity and Gender adjusted for Model 1 Covariates

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | All Participants | | | |
|  | OR | 95% CI | | p-value |
| DSM5 Alcohol Use Disorder | | | | |
| *Age* | **0.98** | **0.98** | **0.98** | **0.000** |
| *Female Gender* | **0.51** | **0.48** | **0.54** | **0.000** |
| *Self-ID Race/Ethnicity* | **0.81** | **0.79** | **0.83** | **0.000** |
| *Employment Status* | **0.74** | **0.69** | **0.80** | **0.000** |
| *Household Income* | **1.01** | **1.00** | **1.02** | **0.020** |
| *Marital Status* | **1.04** | **1.03** | **1.06** | **0.000** |
| *Physical Abuse* | **1.32** | **1.25** | **1.39** | **0.000** |
| *Sexual Abuse* | **1.07** | **1.02** | **1.13** | **0.007** |
| *Domestic Violence* | 1.01 | 0.95 | 1.07 | 0.788 |
| *Sexab x Race x Gender* | 1.01 | 1.00 | 1.02 | 0.119 |
| *Phyab x Race x Gender* | 1.00 | 0.99 | 1.01 | 0.586 |
| *Dom x Race x Gender* | **1.02** | **1.01** | **1.03** | **0.000** |
| DSM5 Cannabis Use Disorder | | | | |
| *Age* | **0.97** | **0.96** | **0.97** | **0.000** |
| *Female Gender* | **0.46** | **0.41** | **0.52** | **0.000** |
| *Self-ID Race/Ethnicity* | **0.82** | **0.78** | **0.85** | **0.000** |
| *Employment Status* | **0.80** | **0.68** | **0.95** | **0.011** |
| *Household Income* | **0.97** | **0.96** | **0.98** | **0.000** |
| *Marital Status* | **1.05** | **1.03** | **1.08** | **0.000** |
| *Physical Abuse* | **1.36** | **1.26** | **1.47** | **0.000** |
| *Sexual Abuse* | **1.17** | **1.08** | **1.26** | **0.000** |
| *Domestic Violence* | 1.00 | 0.94 | 1.07 | 0.959 |
| *Sexab x Race x Gender* | 0.99 | 0.98 | 1.01 | 0.405 |
| *Phyab x Race x Gender* | 1.01 | 0.99 | 1.02 | 0.568 |
| *Dom x Race x Gender* | 1.01 | 1.00 | 1.03 | 0.185 |
| DSM5 Tobacco Use Disorder | | | | |
| *Age* | **0.99** | **0.99** | **0.99** | **0.000** |
| *Female Gender* | **0.59** | **0.55** | **0.63** | **0.000** |
| *Self-ID Race/Ethnicity* | **0.73** | **0.71** | **0.75** | **0.000** |
| *Employment Status* | 1.00 | 0.93 | 1.08 | 0.963 |
| *Household Income* | **0.95** | **0.94** | **0.96** | **0.000** |
| *Marital Status* | 1.00 | 0.99 | 1.02 | 0.664 |
| *Physical Abuse* | **1.32** | **1.25** | **1.38** | **0.000** |
| *Sexual Abuse* | **1.14** | **1.08** | **1.21** | **0.000** |
| *Domestic Violence* | **1.16** | **1.10** | **1.22** | **0.000** |
| *Sexab x Race x Gender* | 1.00 | 0.99 | 1.01 | 0.627 |
| *Phyab x Race x Gender* | 0.99 | 0.98 | 1.00 | 0.218 |
| *Dom x Race x Gender* | 0.99 | 0.98 | 1.01 | 0.350 |