THC Change

Sample: 81 adolescents and young adults who used cannabis weekly or more and within 2 days of the baseline assessment; only post baseline visits with biochemically confirmed abstinence included

Aim 1: Examine baseline predictors of baseline THC level

* Age, sex, level of MJ use, recency of use (0, 1, 2), years of marijuana use, alcohol use, bmi

Aim 2: Examine whether predictors predict rate of clearance/change during abstinence and overall detection windows

Aim 3: Does magnitude of change in THC with abstinence link with magnitude of withdrawal experienced during same time period?

Variables for analyses:

|  |  |  |
| --- | --- | --- |
| Construct | Variable Label | Notes |
| ID | id |  |
| Time (days since baseline) | days\_since\_baseline |  |
| THC value beyond ceiling | thc\_500\_flag | Exclude *visit* if thc\_500\_flag ==1 |
| Use beyond 2 days of baseline | thc\_recency\_flag | Exclude *participant* if thc\_recency\_flag ==1 |
| THCCOOH level (creatinine adjusted) | ua\_thclcmsms\_crtadj |  |
| Withdrawal Intensity | cws\_intensity |  |
| Withdrawal Negative Impact | cws\_negimpact |  |
| Age | age\_exact |  |
| Sex | sex\_conf | 1=Male 2=Female |
| level of MJ use (times used in last 30 days) | tlfb\_mj\_15b |  |
| recency of use (0, 1, 2) | tlfb\_mj\_8 | Range should be 0-2 since participants who used 3+ days before baseline are excluded via thc\_recency\_flag |
| years of marijuana use | years\_mj\_use |  |
| Level of alcohol use (drinks consumed in last 30 days) | tlfb\_etoh\_13b |  |
| bmi | bmi |  |

Adding:

Longer term abstinence

Much bigger sample size

Adolescents

Predictors

Clinical correlate