The below R script describes the preregistered models (using unimputed data).

dat$Age\_Four\_Baseline <- as.factor(dat$Age\_Four\_Baseline)

dat$Religion\_Baseline <- as.factor(dat$Religion\_Baseline)

dat$Gender\_Baseline <- as.factor(dat$Gender\_Baseline)

dat$SCZ\_Degree\_Baseline <- as.factor(dat$SCZ\_Degree\_Baseline)

dat$BID\_Degree\_Baseline <- as.factor(dat$BID\_Degree\_Baseline)

# Preregistered models using unimputed data

model <- lm(scale(Psychotic\_Follow\_Total - Psychotic\_Baseline\_Total) ~ Psychedelics\_Month\_Follow +

Alcohol\_Month\_Follow + Nicotine\_Month\_Follow + Cannabis\_Month\_Follow +

MDMA\_Month\_Follow + Stimulants\_Month\_Follow + Narcotic\_Month\_Follow +

Benzodiazepines\_Month\_Follow + Inhalants\_Month\_Follow + Other\_Month\_Follow +

as.factor(Age\_Four\_Baseline) + as.factor(Gender\_Baseline) +

Education\_Baseline + as.factor(Religion\_Baseline) +

as.factor(Political\_Baseline) + Psychedelics\_Month\_Baseline + Survey\_Year,

data = dat)

summary(model)

model <- lm(scale(Psychotic\_Follow\_Total - Psychotic\_Baseline\_Total) ~ Psychedelics\_Month\_Follow \* as.factor(SCZ\_Degree\_Baseline) +

Alcohol\_Month\_Follow + Nicotine\_Month\_Follow + Cannabis\_Month\_Follow +

MDMA\_Month\_Follow + Stimulants\_Month\_Follow + Narcotic\_Month\_Follow +

Benzodiazepines\_Month\_Follow + Inhalants\_Month\_Follow + Other\_Month\_Follow +

as.factor(Age\_Four\_Baseline) + as.factor(Gender\_Baseline) +

Education\_Baseline + as.factor(Religion\_Baseline) +

as.factor(Political\_Baseline) + Psychedelics\_Month\_Baseline + Survey\_Year,

data = dat)

summary(model)

model <- lm(scale(Psychotic\_Follow\_Total - Psychotic\_Baseline\_Total) ~ Psychedelics\_Month\_Follow \* as.factor(BID\_Degree\_Baseline) +

Alcohol\_Month\_Follow + Nicotine\_Month\_Follow + Cannabis\_Month\_Follow +

MDMA\_Month\_Follow + Stimulants\_Month\_Follow + Narcotic\_Month\_Follow +

Benzodiazepines\_Month\_Follow + Inhalants\_Month\_Follow + Other\_Month\_Follow +

as.factor(Age\_Four\_Baseline) + as.factor(Gender\_Baseline) +

Education\_Baseline + as.factor(Religion\_Baseline) +

as.factor(Political\_Baseline) + Psychedelics\_Month\_Baseline + Survey\_Year,

data = dat)

summary(model)

model <- lm(scale(Mania\_Follow\_Total - Mania\_Baseline\_Total) ~ Psychedelics\_Month\_Follow +

Alcohol\_Month\_Follow + Nicotine\_Month\_Follow + Cannabis\_Month\_Follow +

MDMA\_Month\_Follow + Stimulants\_Month\_Follow + Narcotic\_Month\_Follow +

Benzodiazepines\_Month\_Follow + Inhalants\_Month\_Follow + Other\_Month\_Follow +

as.factor(Age\_Four\_Baseline) + as.factor(Gender\_Baseline) +

Education\_Baseline + as.factor(Religion\_Baseline) +

as.factor(Political\_Baseline) + Psychedelics\_Month\_Baseline + Survey\_Year,

data = dat)

summary(model)

model <- lm(scale(Mania\_Follow\_Total - Mania\_Baseline\_Total) ~ Psychedelics\_Month\_Follow \* as.factor(SCZ\_Degree\_Baseline) +

Alcohol\_Month\_Follow + Nicotine\_Month\_Follow + Cannabis\_Month\_Follow +

MDMA\_Month\_Follow + Stimulants\_Month\_Follow + Narcotic\_Month\_Follow +

Benzodiazepines\_Month\_Follow + Inhalants\_Month\_Follow + Other\_Month\_Follow +

as.factor(Age\_Four\_Baseline) + as.factor(Gender\_Baseline) +

Education\_Baseline + as.factor(Religion\_Baseline) +

as.factor(Political\_Baseline) + Psychedelics\_Month\_Baseline + Survey\_Year,

data = dat)

summary(model)

model <- lm(scale(Mania\_Follow\_Total - Mania\_Baseline\_Total) ~ Psychedelics\_Month\_Follow \* as.factor(BID\_Degree\_Baseline) +

Alcohol\_Month\_Follow + Nicotine\_Month\_Follow + Cannabis\_Month\_Follow +

MDMA\_Month\_Follow + Stimulants\_Month\_Follow + Narcotic\_Month\_Follow +

Benzodiazepines\_Month\_Follow + Inhalants\_Month\_Follow + Other\_Month\_Follow +

as.factor(Age\_Four\_Baseline) + as.factor(Gender\_Baseline) +

Education\_Baseline + as.factor(Religion\_Baseline) +

as.factor(Political\_Baseline) + Psychedelics\_Month\_Baseline + Survey\_Year,

data = dat)

summary(model)