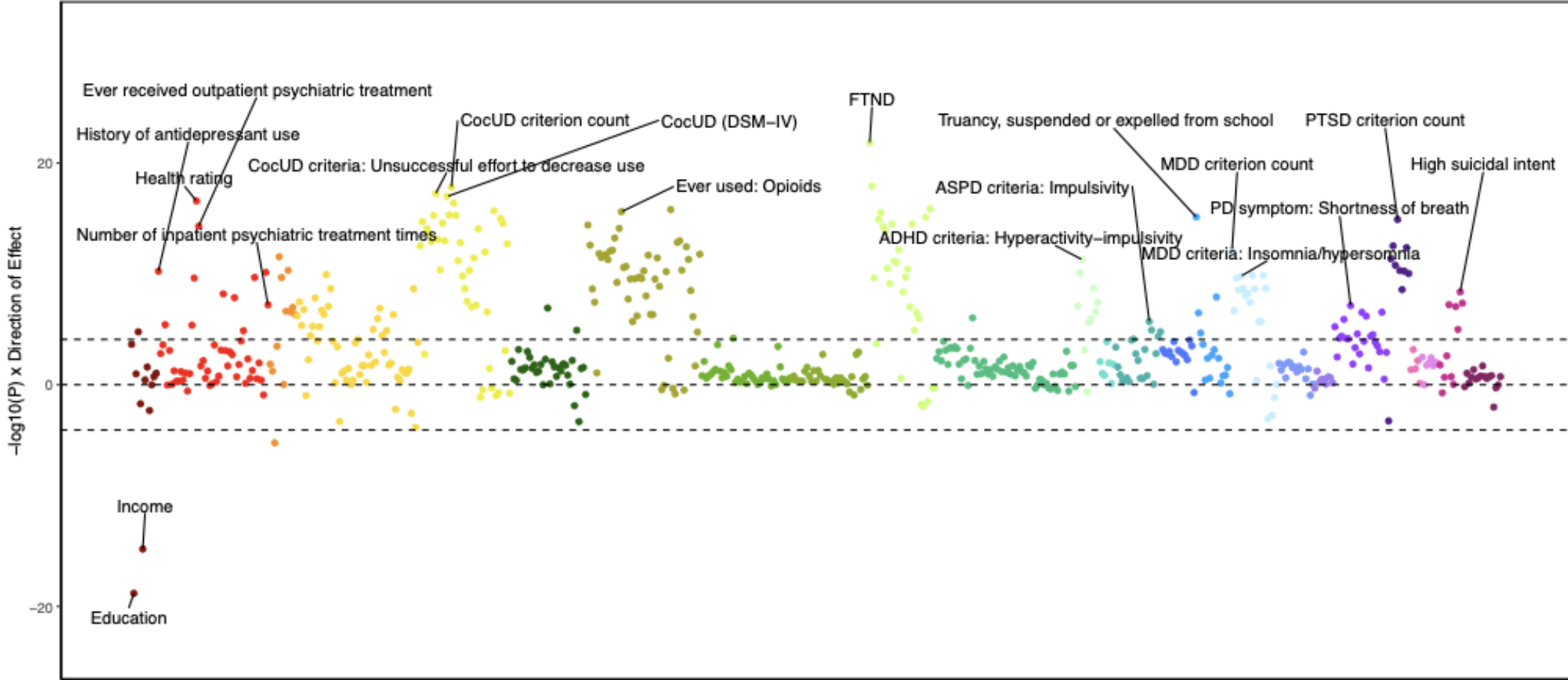
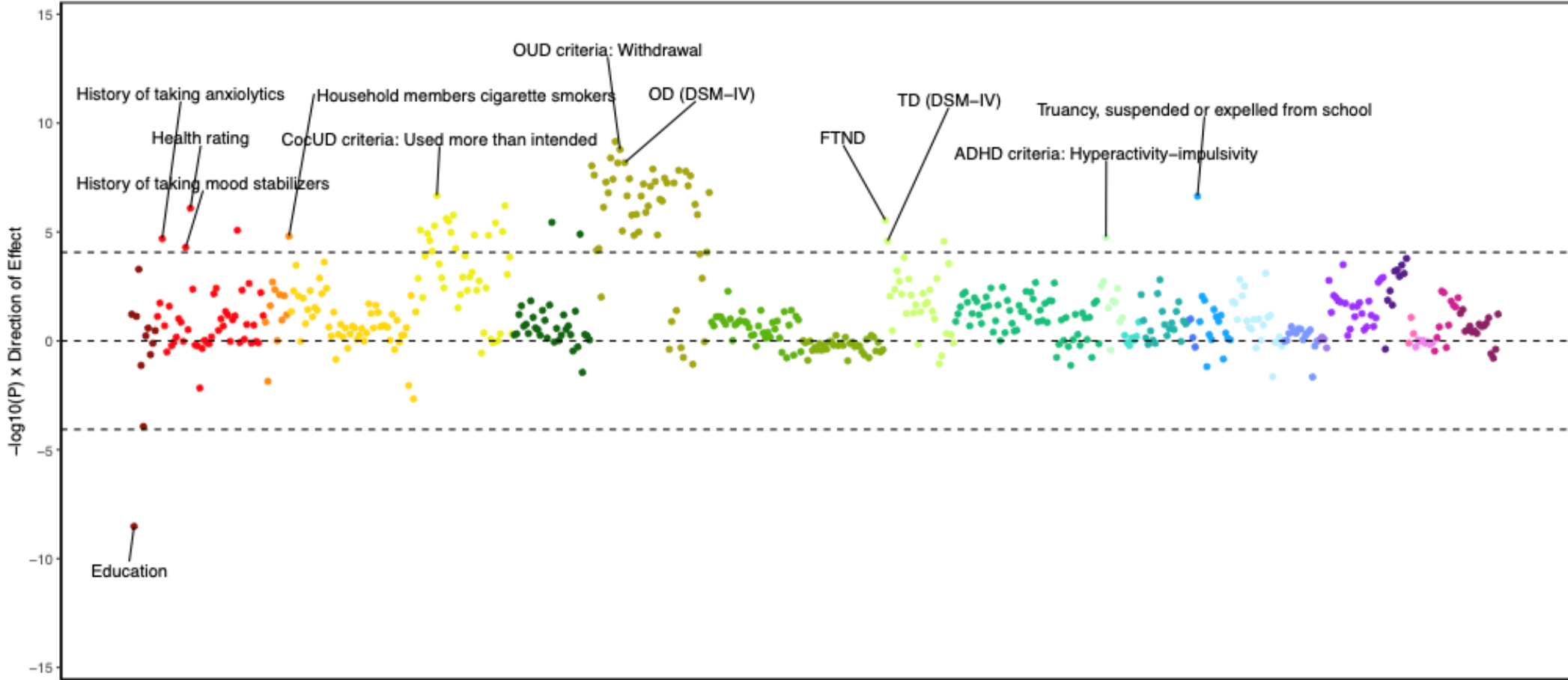


Supplementary Figure 1: PGS_{MDD} covarying for MDD



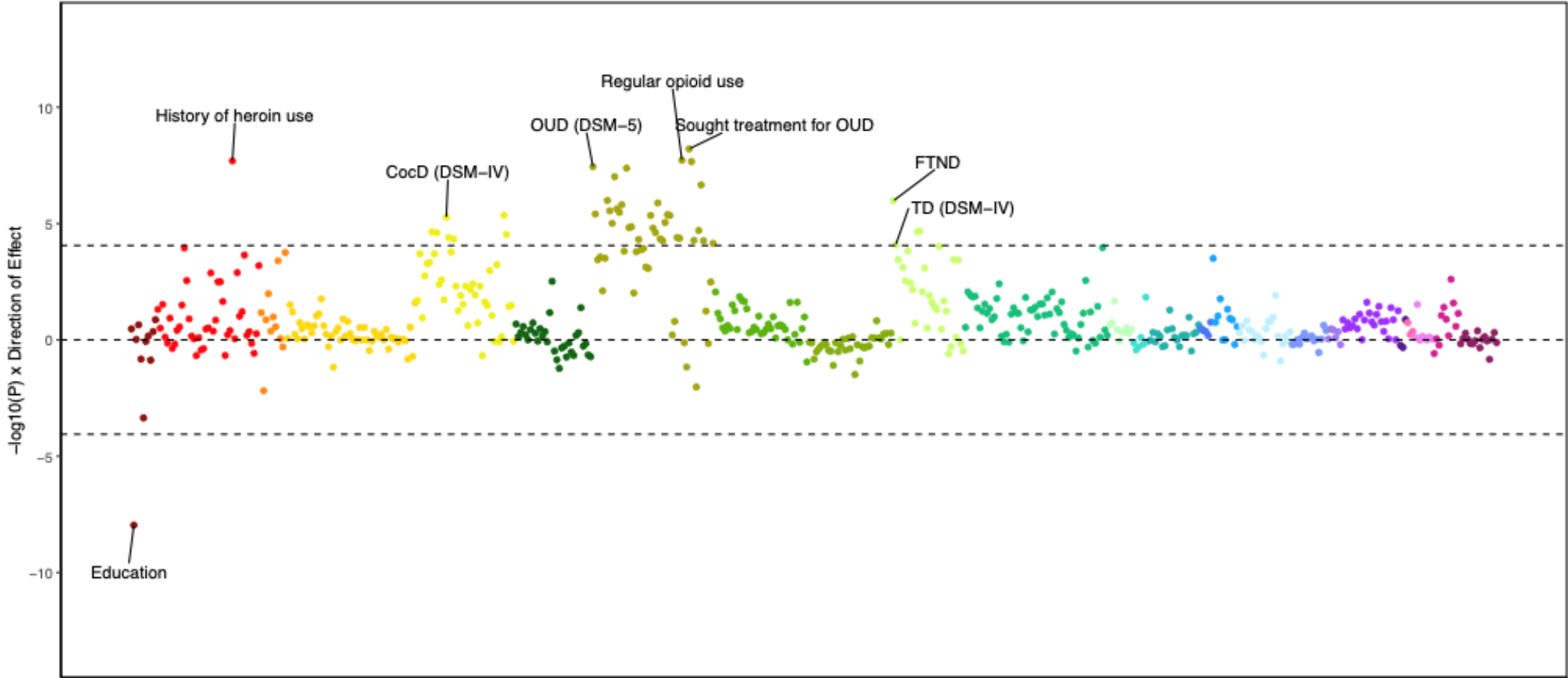
- Group
- Demographics
 - Medical
 - Environment
 - Alcohol
 - Cocaine
 - Marijuana
 - Opiate
 - Sedatives
 - Stimulants
 - Tobacco
 - Other drug
 - ADHD
 - Agoraphobia
 - ASPD
 - Anxiety
 - Conduct Disorder
 - Depression
 - Mania
 - ASPD
 - Anxiety
 - PTSD
 - Schizophrenia
 - Social Phobia
 - Suicide
 - Gambling

Supplementary Figure 2: PGS_{GAD} covarying for GAD



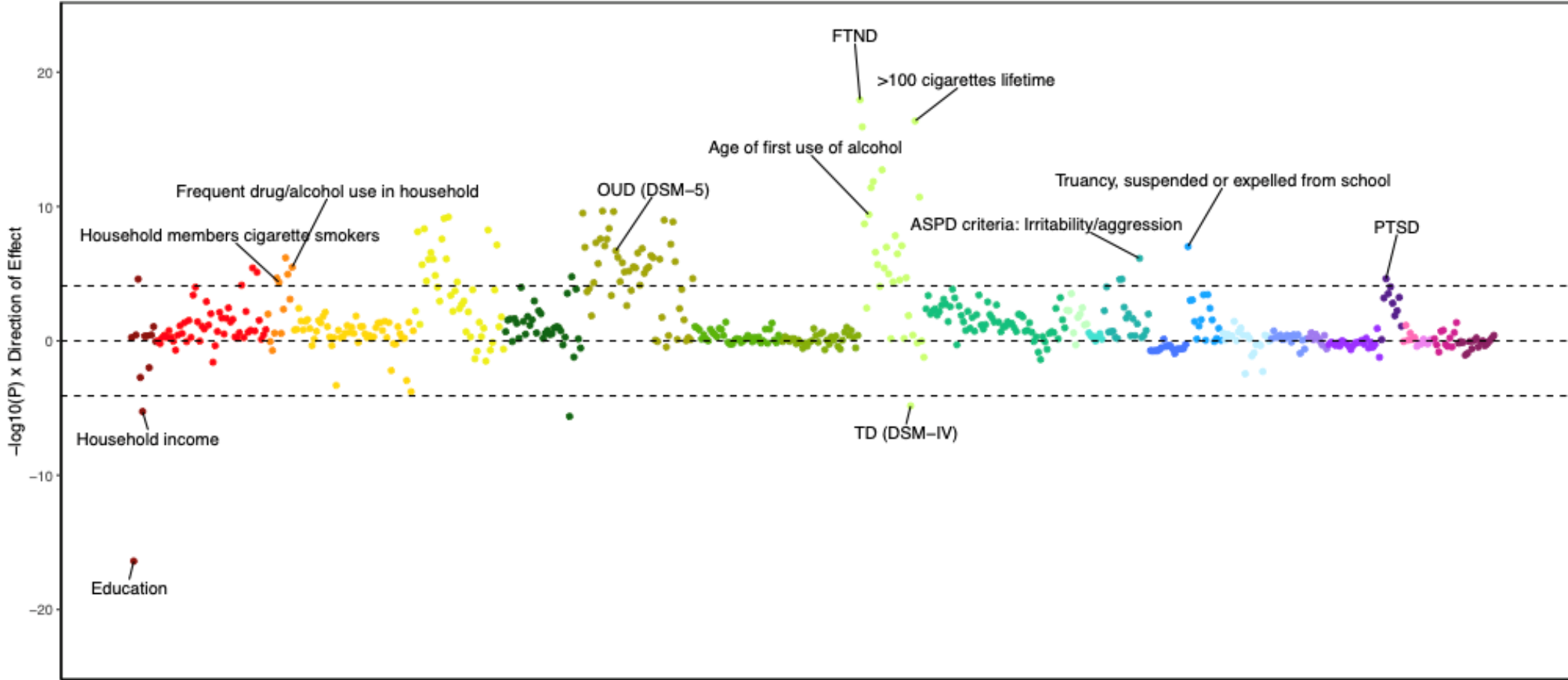
- Group
- Demographics
 - Marijuana
 - Other drug
 - Conduct Disorder
 - PTSD
 - Medical
 - Opiate
 - ADHD
 - Depression
 - Schizophrenia
 - Environment
 - Sedatives
 - Agoraphobia
 - Mania
 - Social Phobia
 - Alcohol
 - Stimulants
 - ASPD
 - OCD
 - Suicide
 - Cocaine
 - Tobacco
 - Anxiety
 - Panic Disorder
 - Gambling

Supplementary Figure 3: PGS_{PTSD} covarying for PTSD



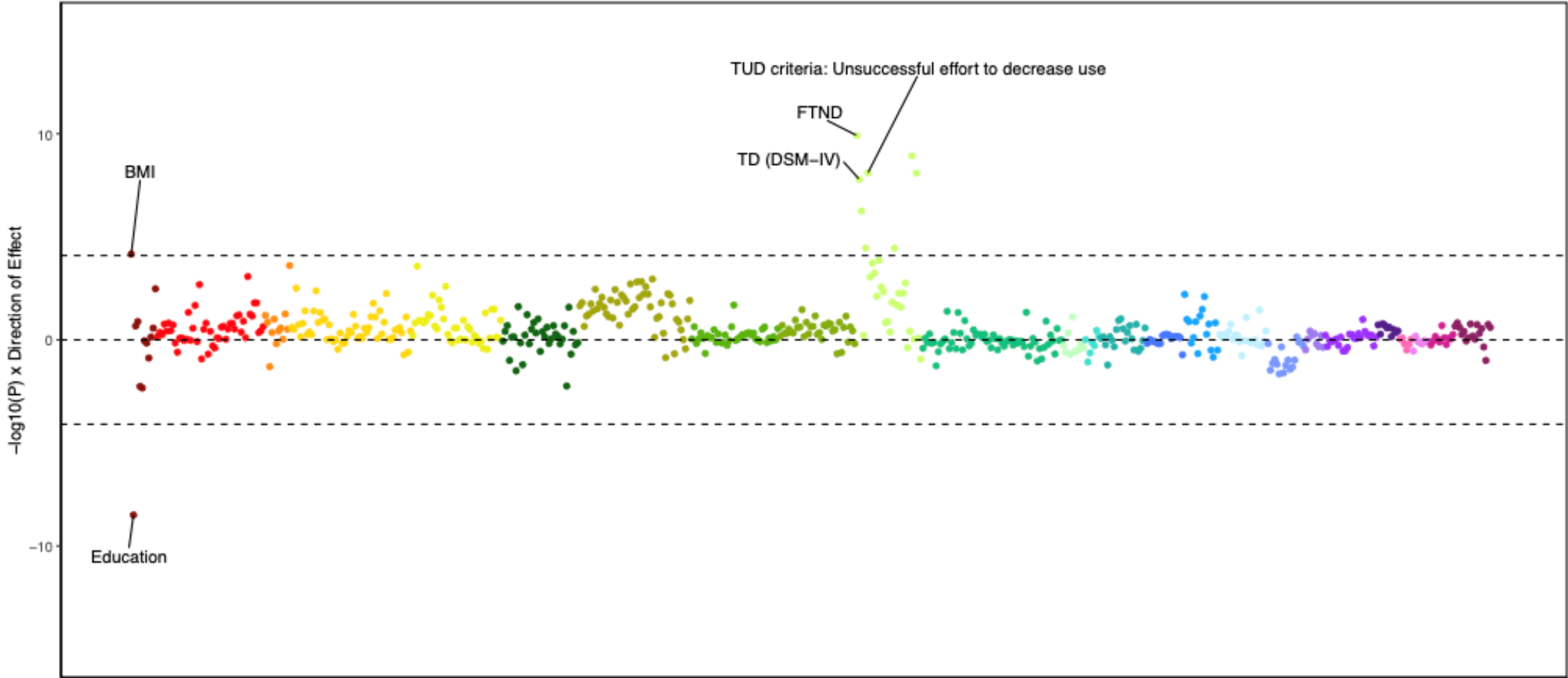
- | | | | | |
|----------------|--------------|---------------|--------------------|-----------------|
| ● Demographics | ● Marijuana | ● Other drug | ● Conduct Disorder | ● PTSD |
| ● Medical | ● Opiate | ● ADHD | ● Depression | ● Schizophrenia |
| ● Environment | ● Sedatives | ● Agoraphobia | ● Mania | ● Social Phobia |
| ● Alcohol | ● Stimulants | ● ASPD | ● OCD | ● Suicide |
| ● Cocaine | ● Tobacco | ● Anxiety | ● Panic Disorder | ● Gambling |

Supplementary Figure 4: PGS_{BMI} covarying for BMI



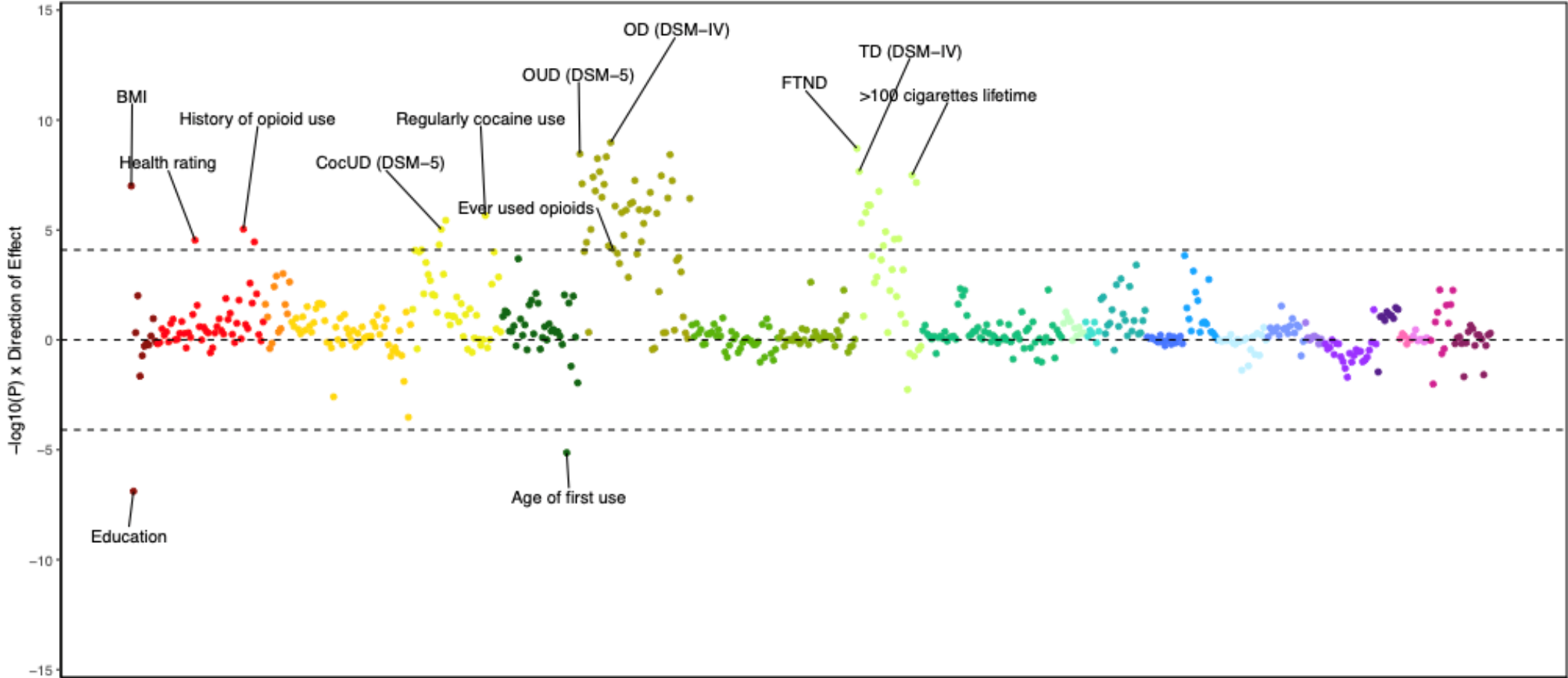
- | | | | | |
|----------------|--------------|---------------|--------------------|-----------------|
| ● Demographics | ● Marijuana | ● Other drug | ● Conduct Disorder | ● PTSD |
| ● Medical | ● Opiate | ● ADHD | ● Depression | ● Schizophrenia |
| ● Environment | ● Sedatives | ● Agoraphobia | ● Mania | ● Social Phobia |
| ● Alcohol | ● Stimulants | ● ASPD | ● OCD | ● Suicide |
| ● Cocaine | ● Tobacco | ● Anxiety | ● Panic Disorder | ● Gambling |

Supplementary Figure 5: PGS_{CAD} covarying for CAD



- Group
- Demographics
 - Marijuana
 - Other drug
 - Conduct Disorder
 - PTSD
 - Medical
 - Opiate
 - ADHD
 - Depression
 - Schizophrenia
 - Environment
 - Sedatives
 - Agoraphobia
 - Mania
 - Social Phobia
 - Alcohol
 - Stimulants
 - ASPD
 - OCD
 - Suicide
 - Cocaine
 - Tobacco
 - Anxiety
 - Panic Disorder
 - Gambling

Supplementary Figure 6: PGS_{T2D} covarying for T2D



- Group
- Demographics
 - Marijuana
 - Other drug
 - Conduct Disorder
 - PTSD
 - Medical
 - Opiate
 - ADHD
 - Depression
 - Schizophrenia
 - Environment
 - Sedatives
 - Agoraphobia
 - Mania
 - Social Phobia
 - Alcohol
 - Stimulants
 - ASPD
 - OCD
 - Suicide
 - Cocaine
 - Tobacco
 - Anxiety
 - Panic Disorder
 - Gambling