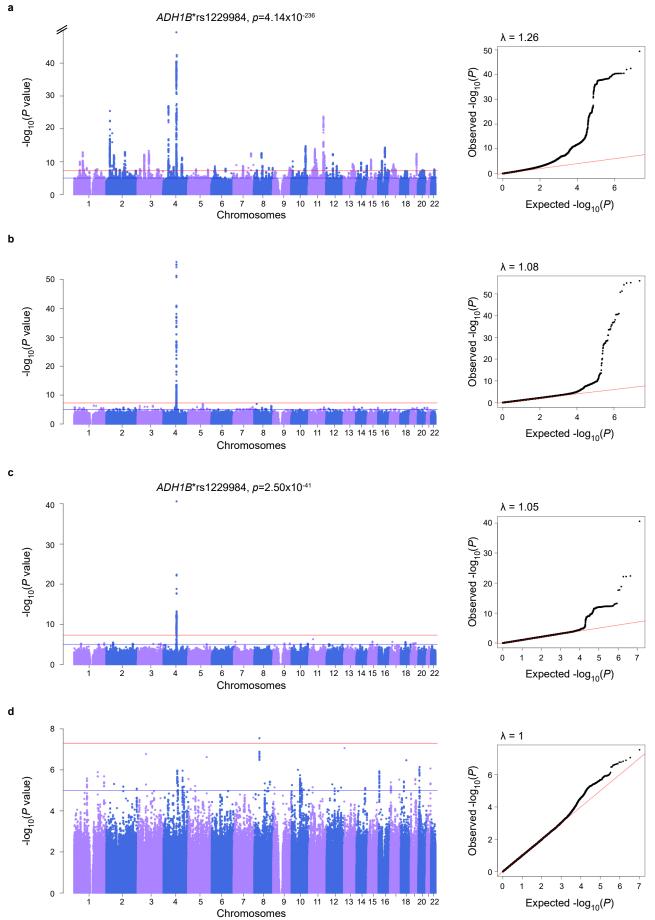
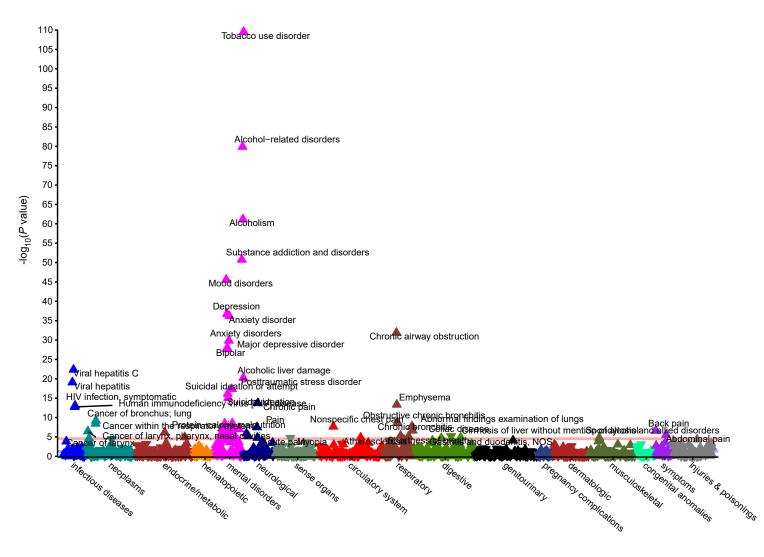
Supplementary Figure 1. Manhattan and QQ plots for PAU/AUD meta-analyses in different ancestries. a, PAU meta-analysis in European ancestry. b, AUD meta-analysis in African ancestry. c, AUD in Latin Americans from MVP. d, PAU meta-analysis in South Asian ancestry.

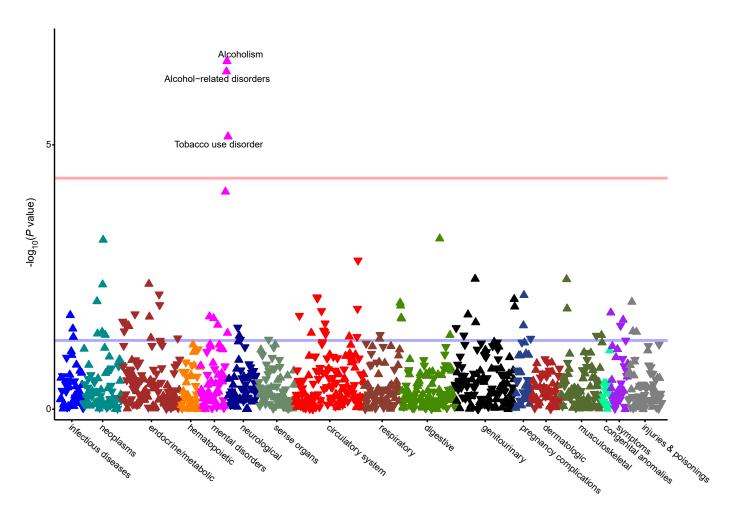


## Supplementary Figure 5. Phenome-wide associations with PAU PRS in PsycheMERGE EUR samples.



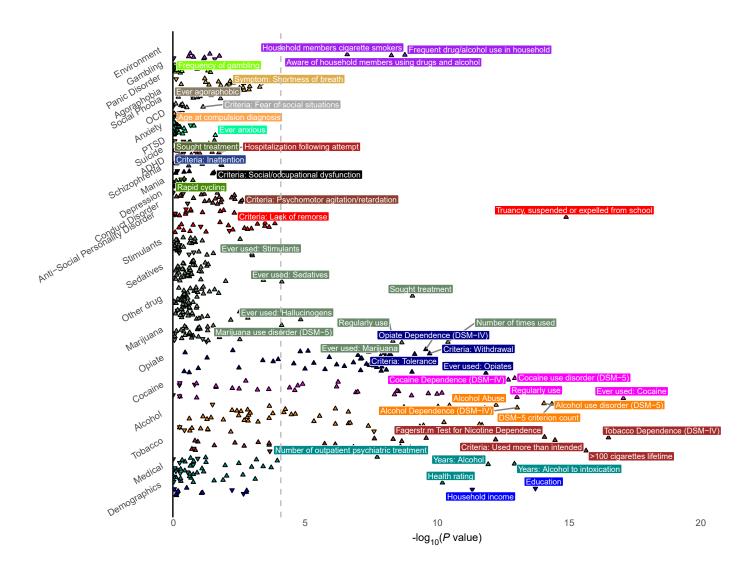
Phenotypes



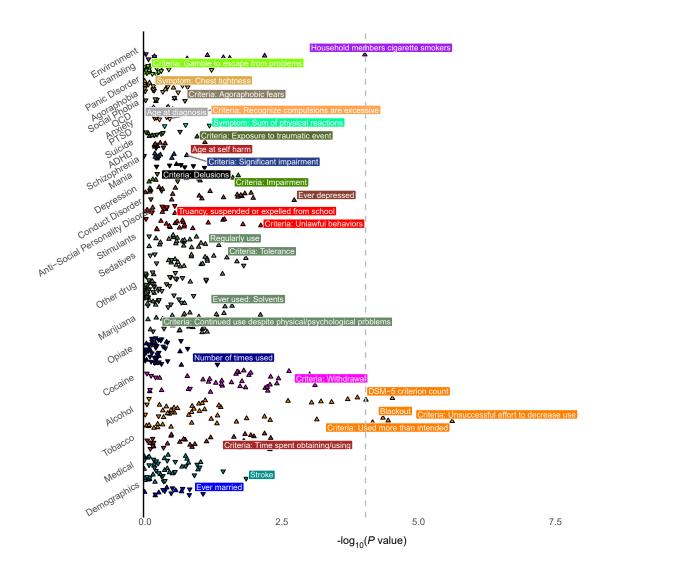


Phenotypes

Supplementary Figure 7. Phenome-wide associations with PAU PRS in Yale-Penn EUR samples.



Supplementary Figure 8. Phenome-wide associations with AUD PRS in Yale-Penn AFR samples.



10.0