

# Cohort Visualizations

## CKD prevalence by sex at birth

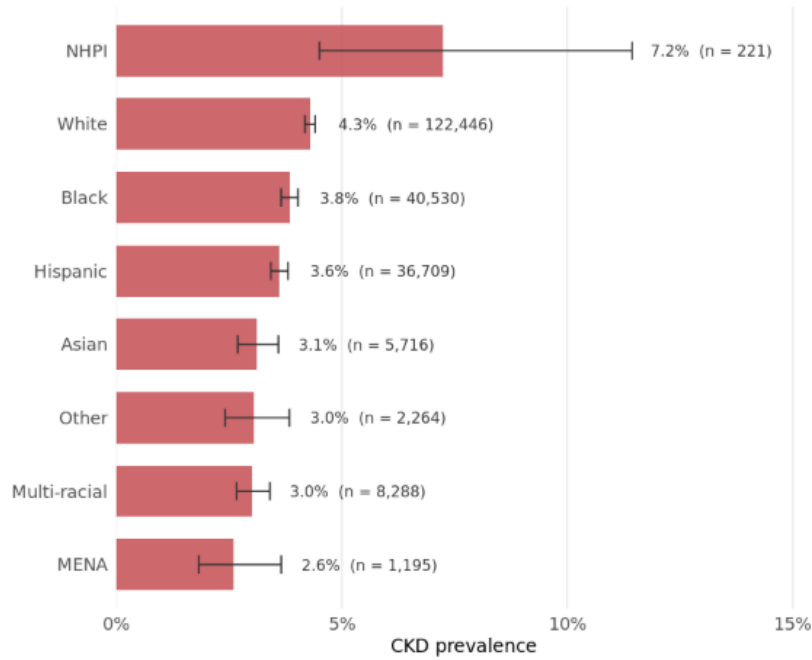
Male participants show a modestly higher CKD prevalence; error bars are 95% Wilson CIs



Source: All of Us Research Program Controlled Tier, release C2024Q3R9.

### CKD prevalence by self-reported race/ethnicity

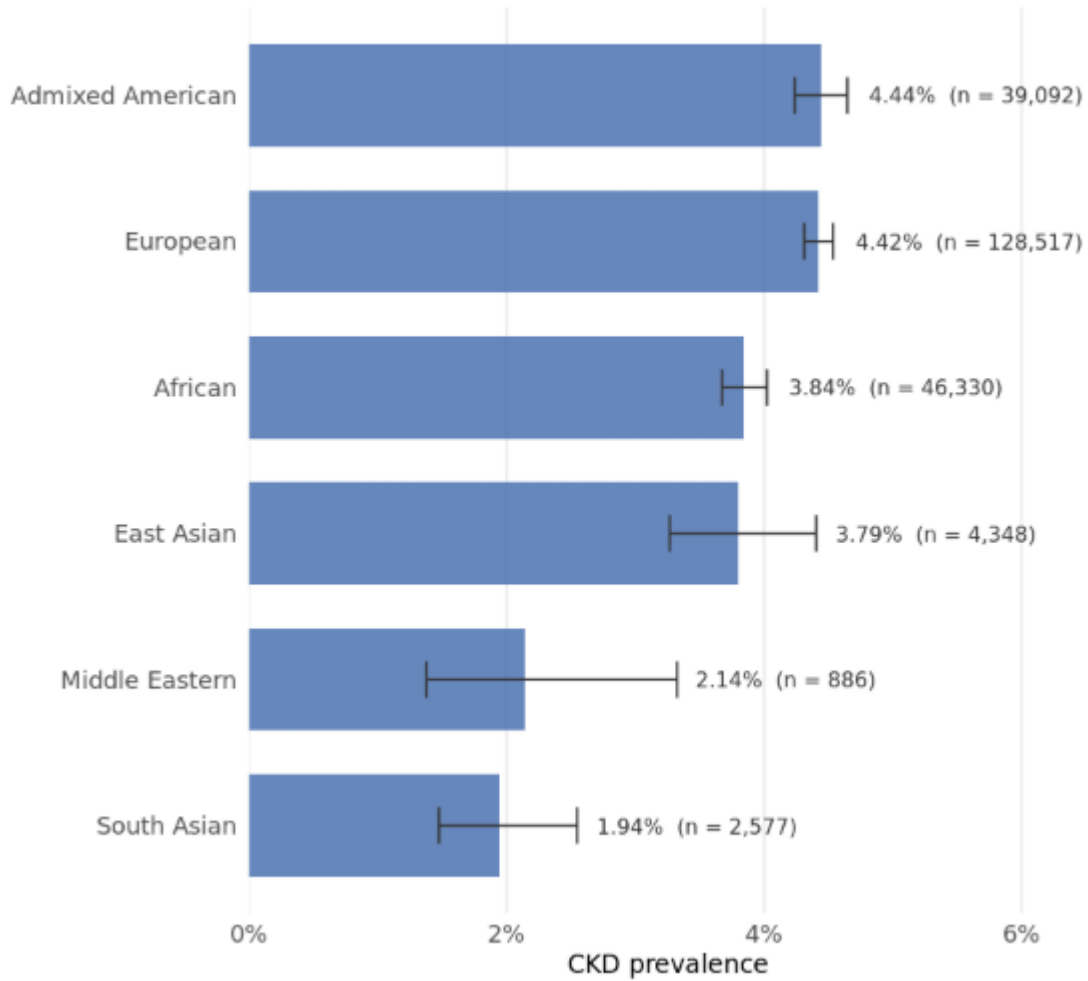
Error bars show 95% Wilson confidence intervals; NHPI interval widest due to small n



Note. AIAN participants excluded from prevalence comparisons due to an upstream cohort construction artifact in which no AIAN controls were retained (n = 549 AIAN cases, 0 AIAN controls). Source: All of Us Research Program Controlled Tier, release C2024Q3R9.

## CKD prevalence by predicted genetic ancestry

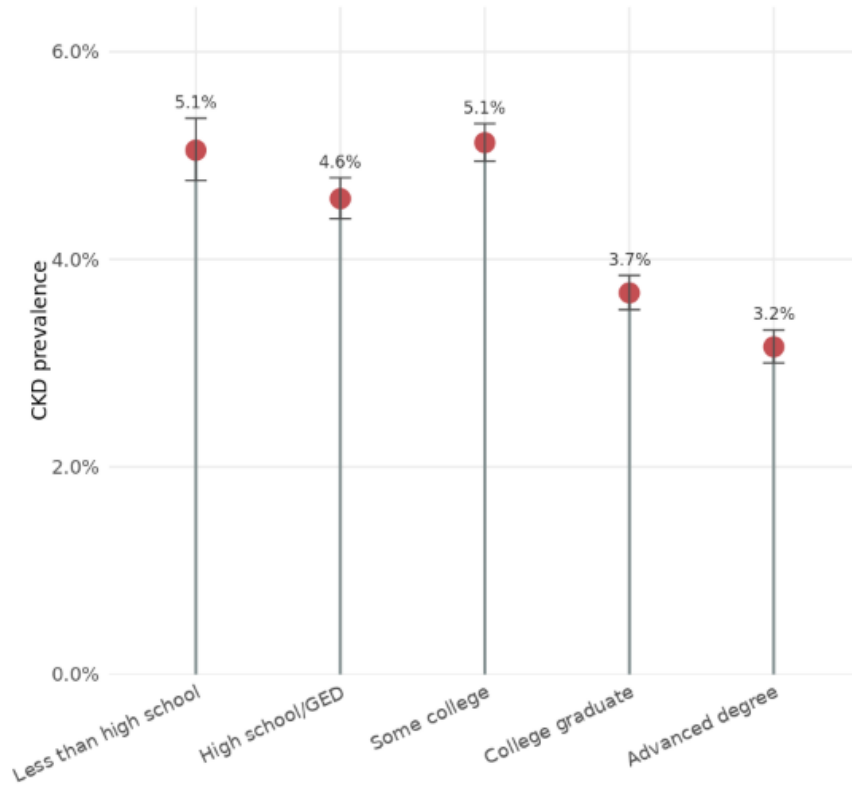
Computed from All of Us ancestry predictions using principal compor



Source: All of Us Research Program Controlled Tier, release C2024Q3R9.

### CKD prevalence by education level

Gradient is non-monotonic at 'Some college'; error bars are 95% Wilson CIs



Source: All of Us Research Program Controlled Tier, release C2024Q3R9.

### CKD prevalence by household income bracket

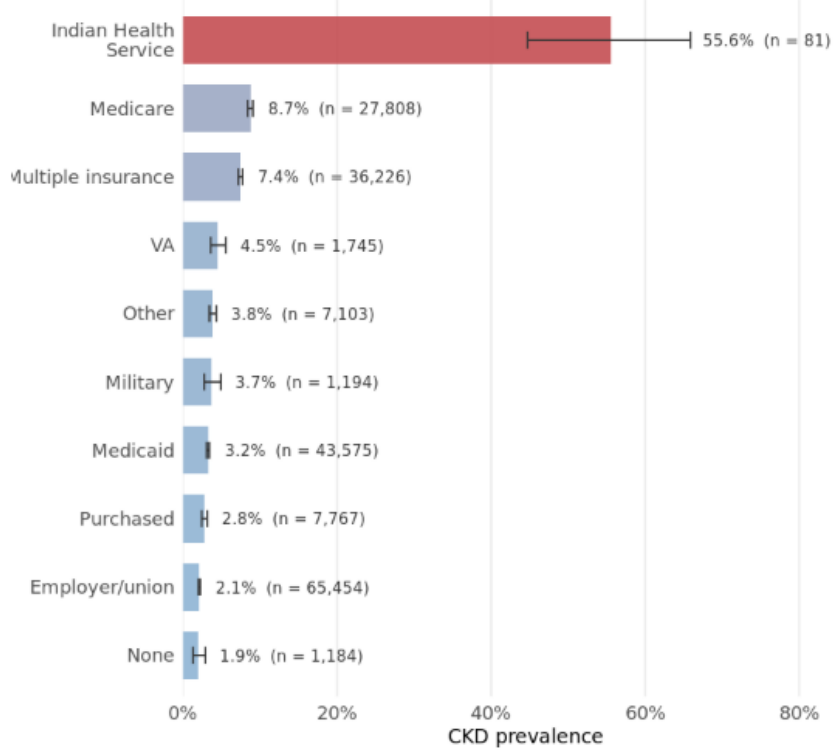
Non-monotonic at lowest bracket; error bars are 95% Wilson CIs



Source: All of Us Research Program Controlled Tier, release C2024Q3R9.

### CKD prevalence by primary insurance type

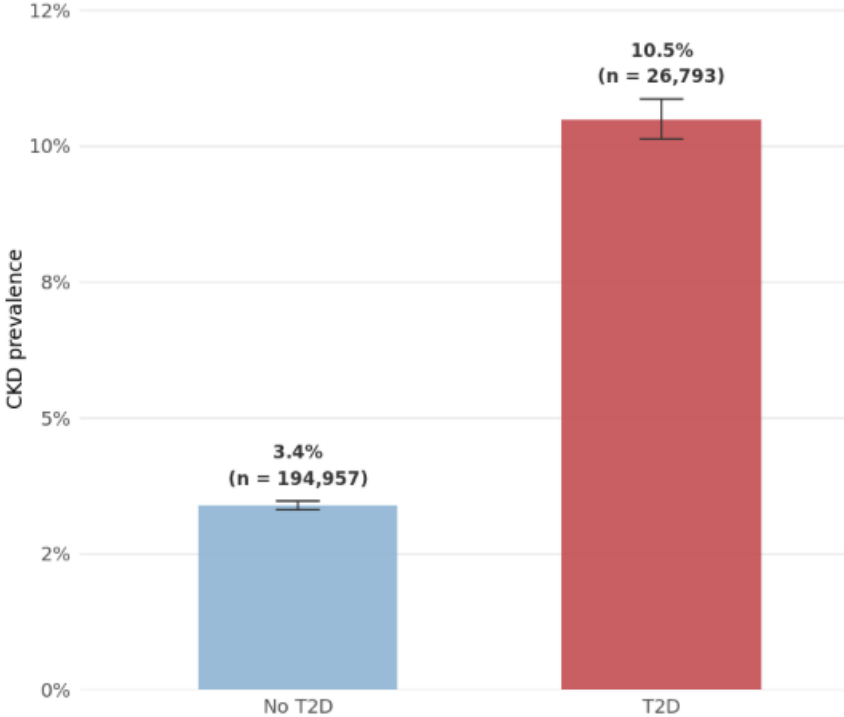
Medicare and IHS lead, consistent with age-related eligibility and disease



Source: All of Us Research Program Controlled Tier, release C2024Q3R9.

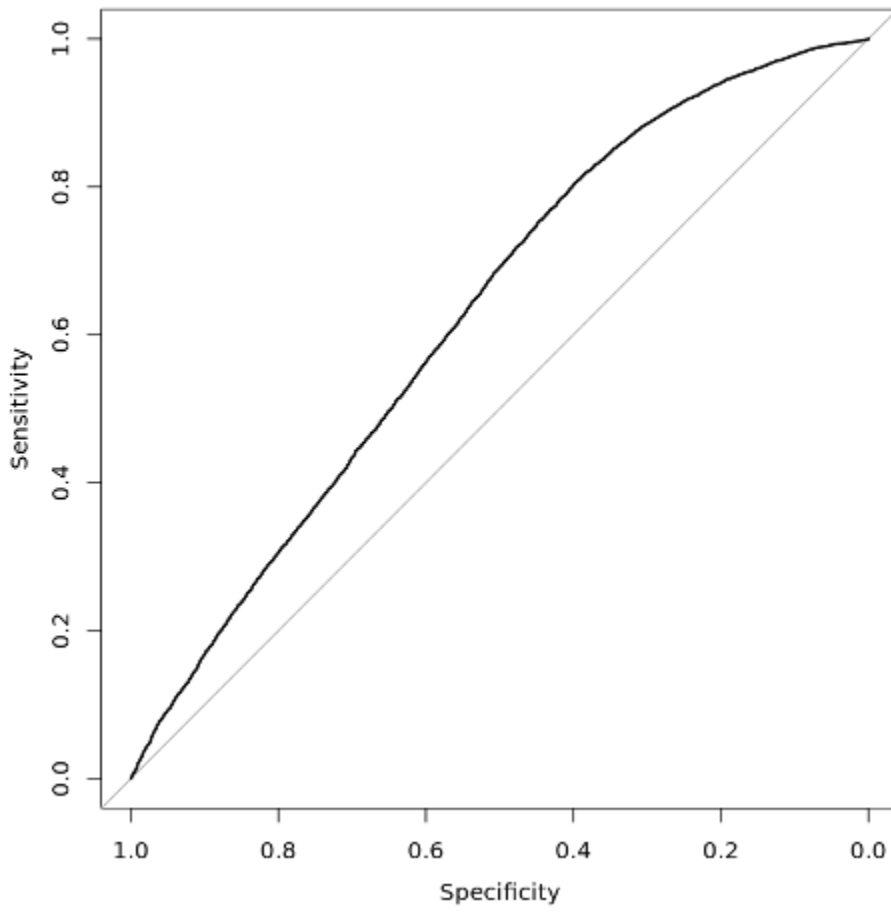
**CKD prevalence is ~3x higher with type 2 diabetes**

10.5% among T2D vs. 3.4% among non-T2D participants



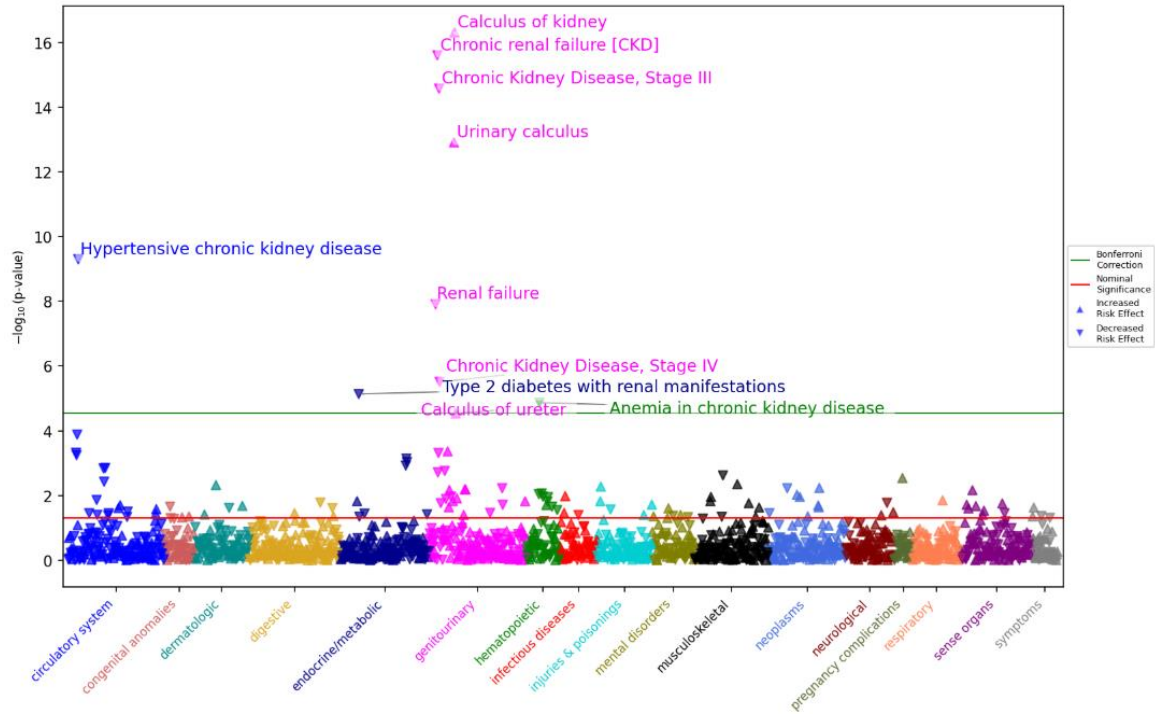
T2D defined per eMERGE-style criteria (any of four phenotype cases). Error bars are 95% CIs.  
Source: All of Us Research Program Controlled Tier, release C2024Q3R9.

## PRS Validation

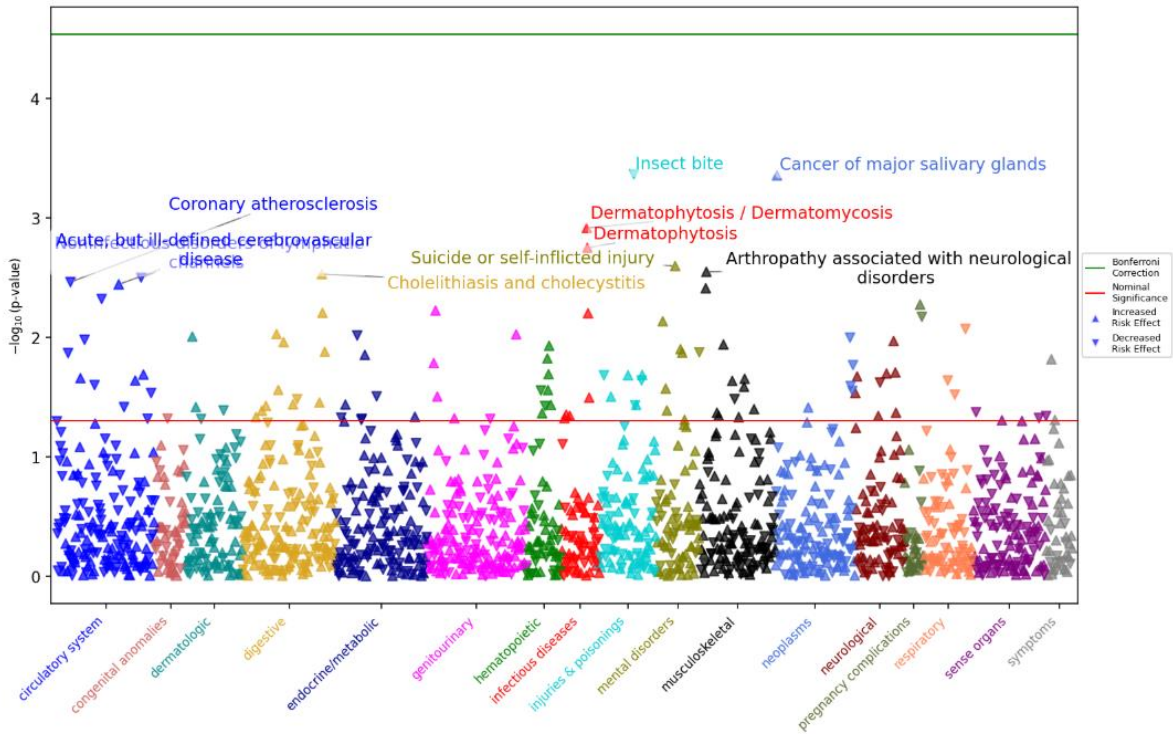


## SNP PheWAS Results

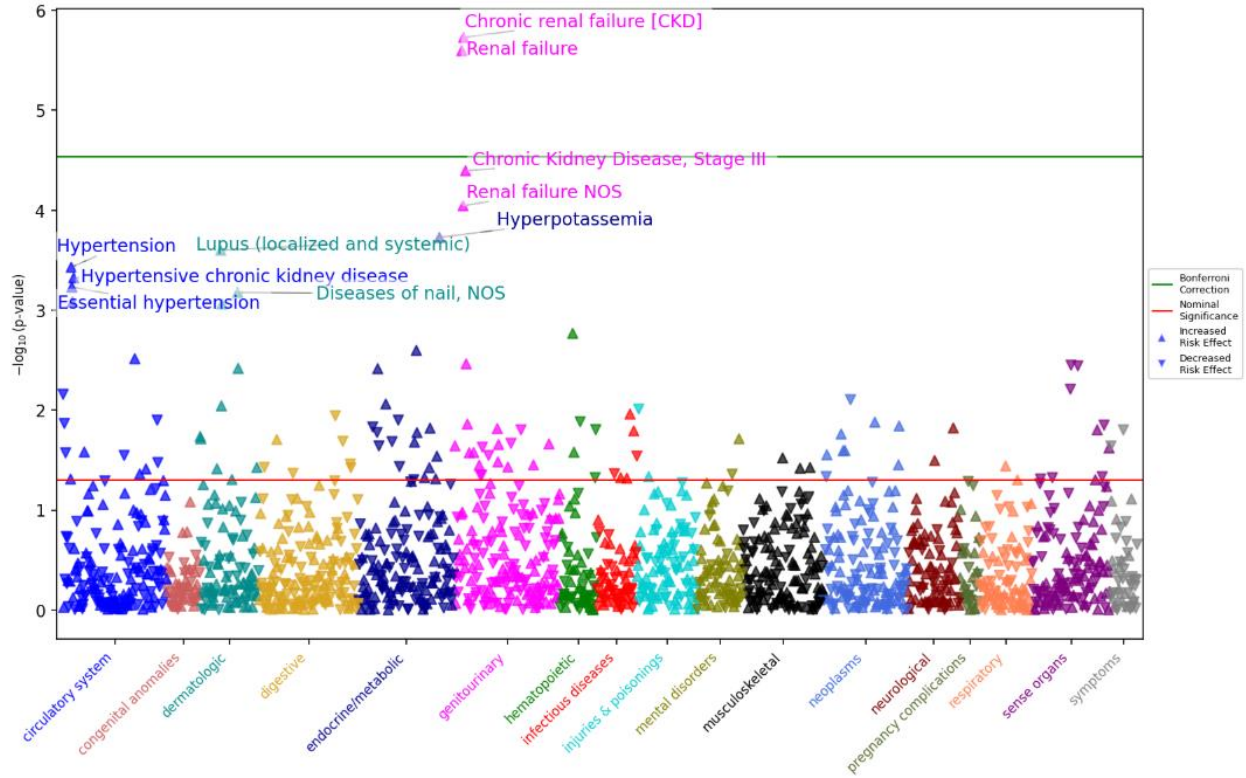
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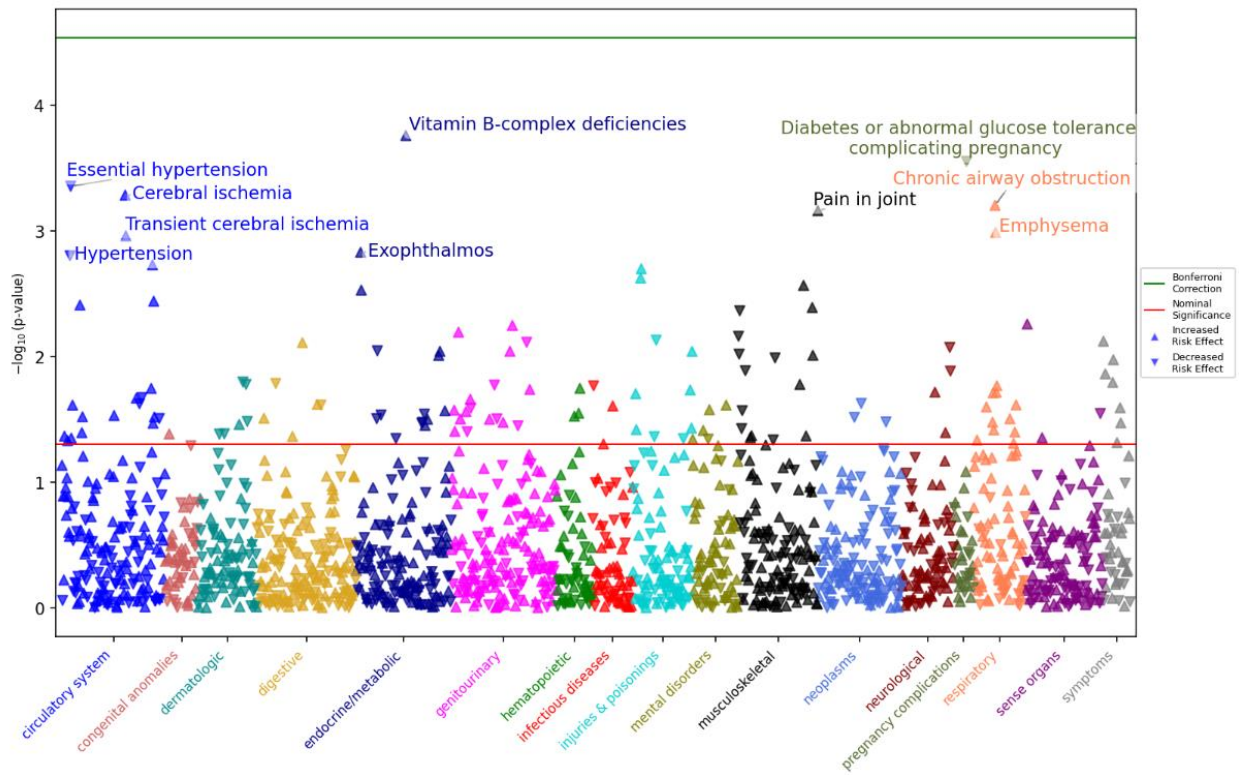
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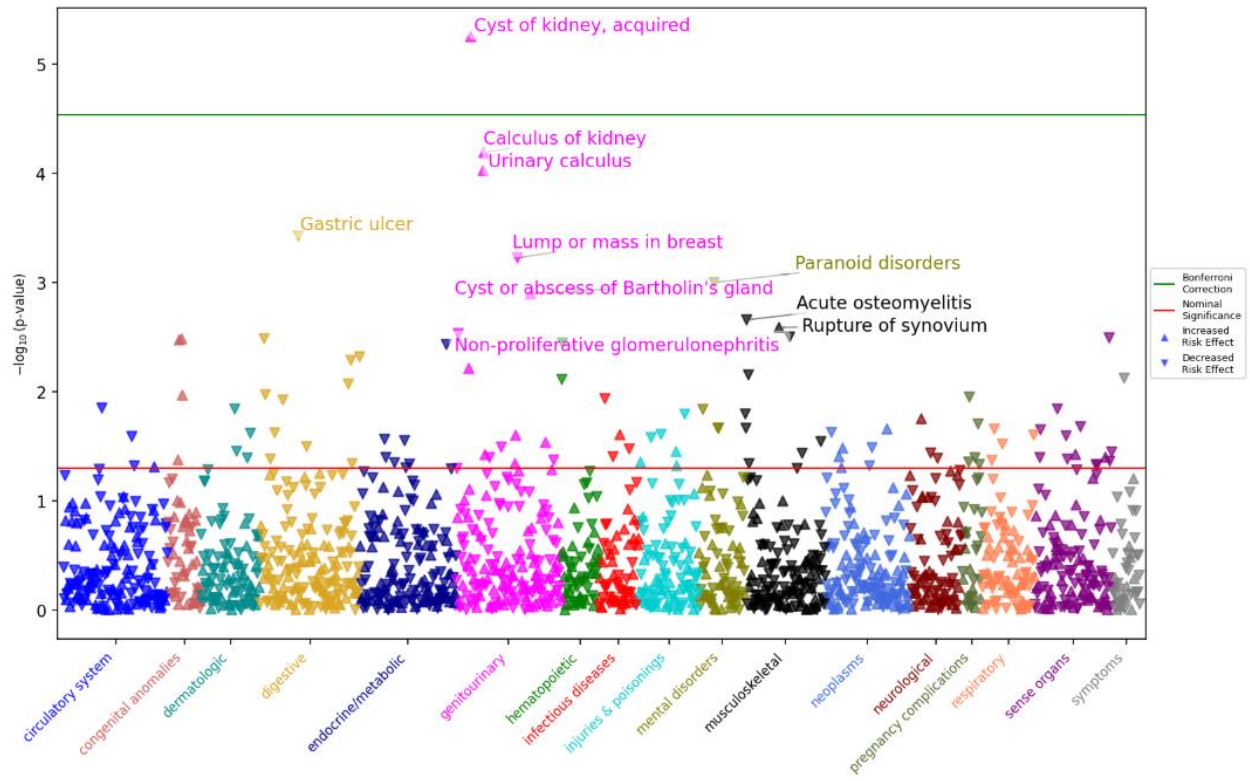
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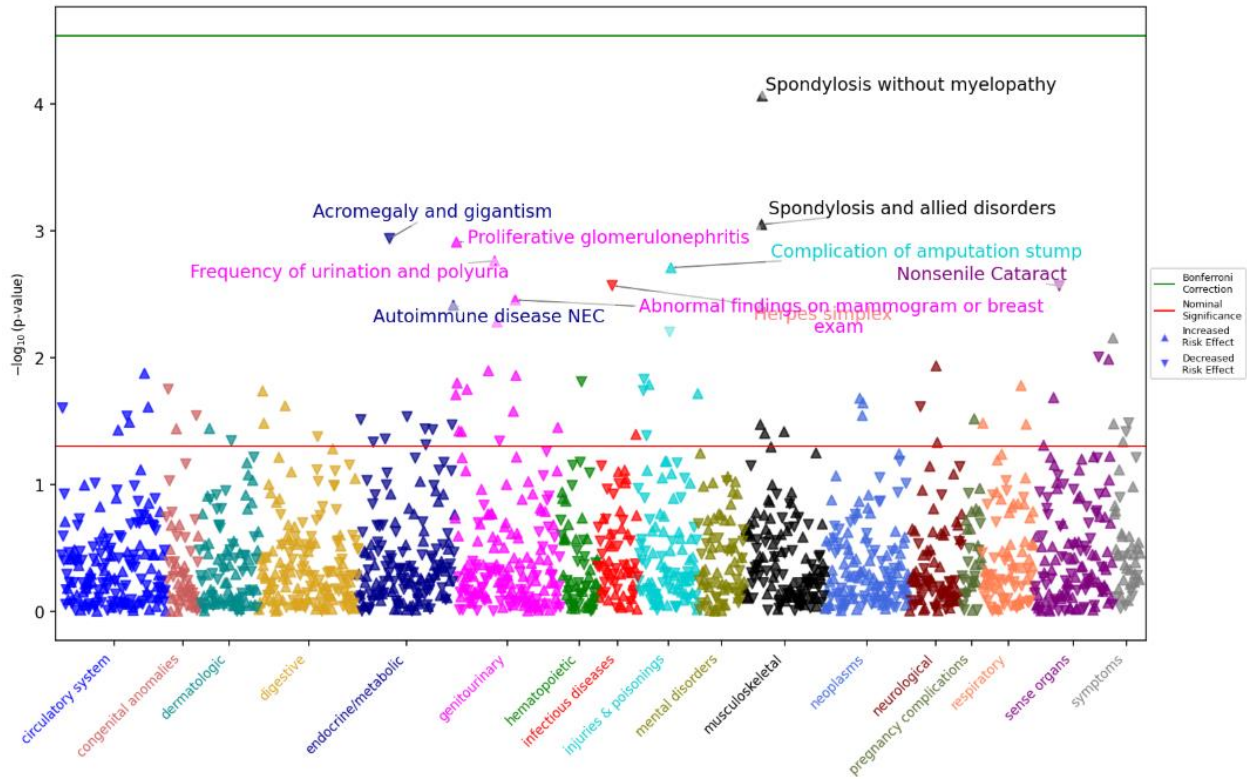
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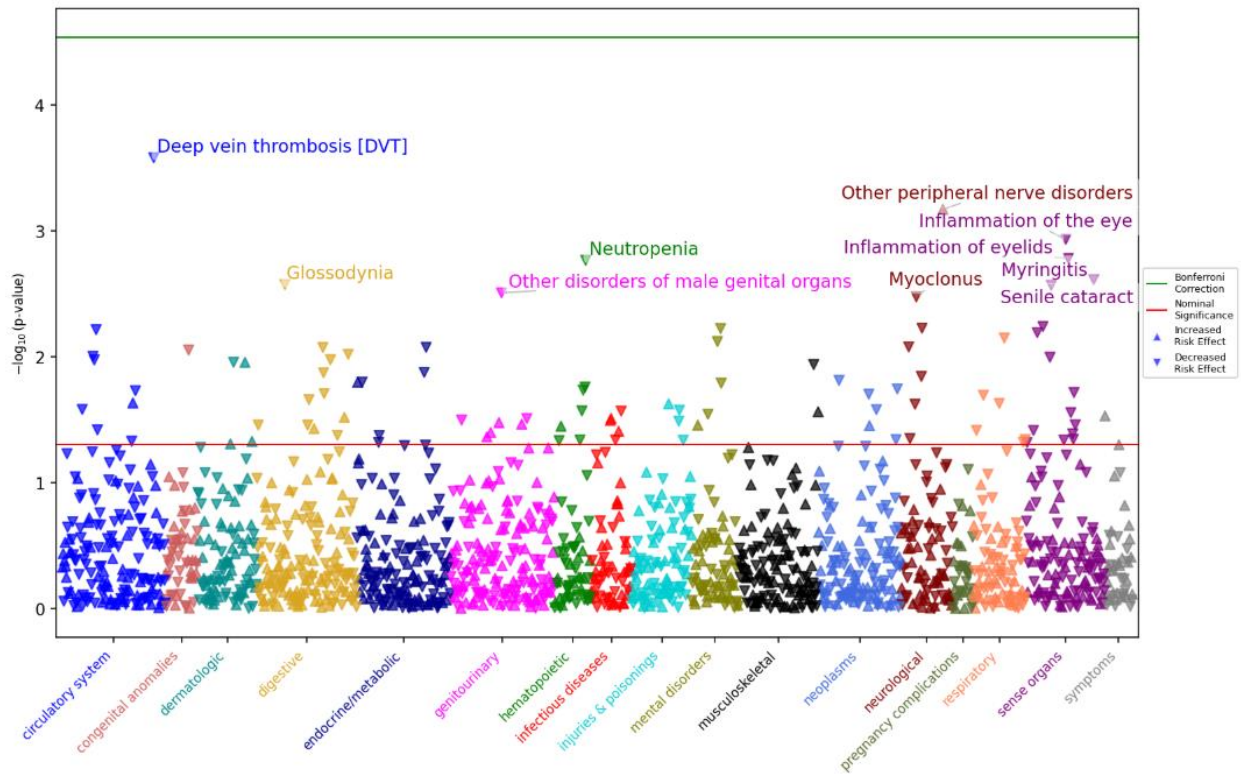
rs9895661



rs1362800



rs80576



## PheWAS Visualizations

