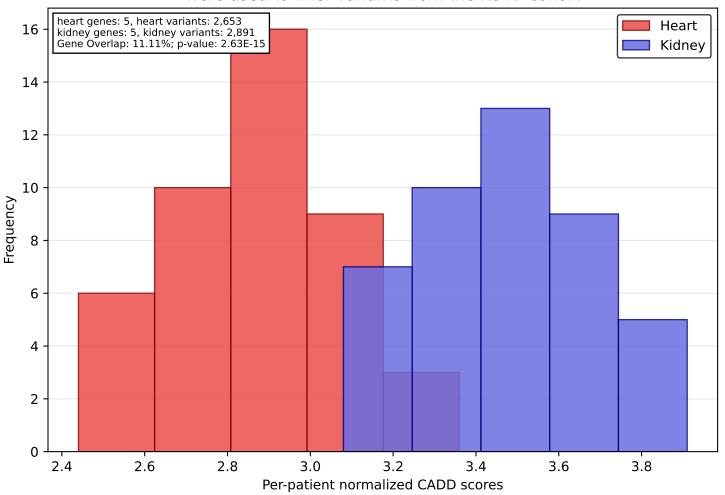
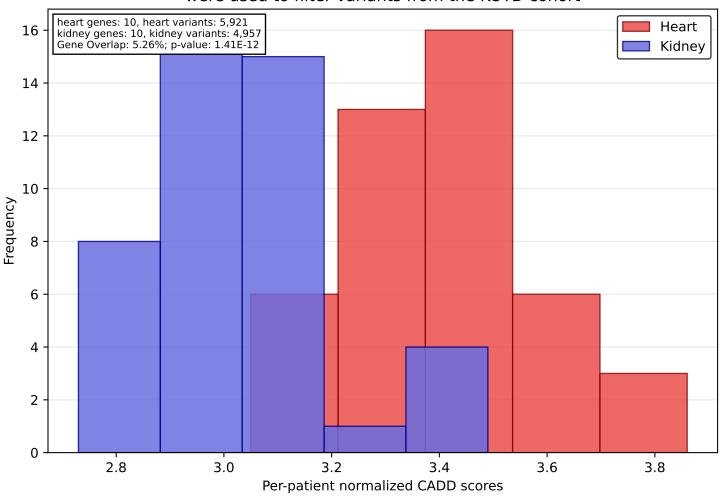
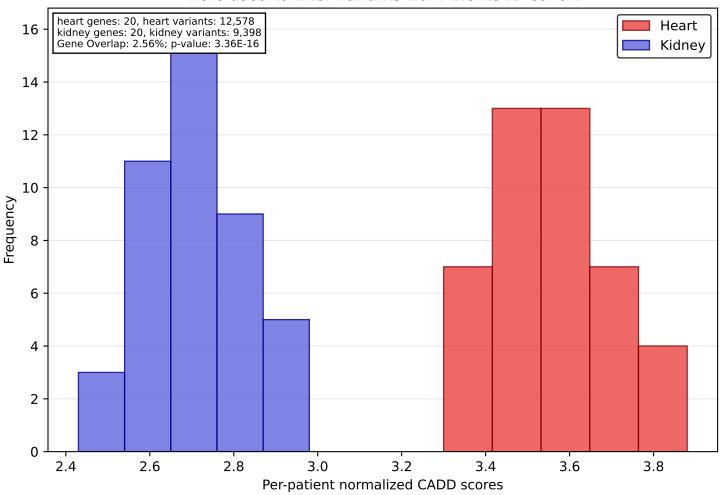
Top 5 expressed genes from GTEx heart and kidney data were used to filter variants from the KUTD cohort



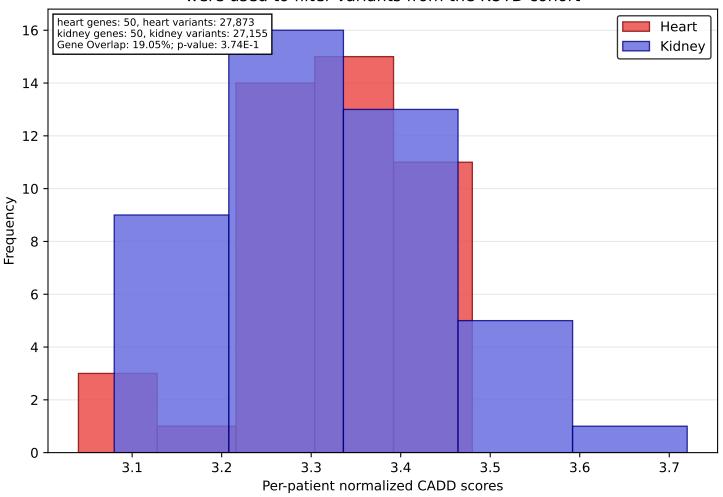
Top 10 expressed genes from GTEx heart and kidney data were used to filter variants from the KUTD cohort



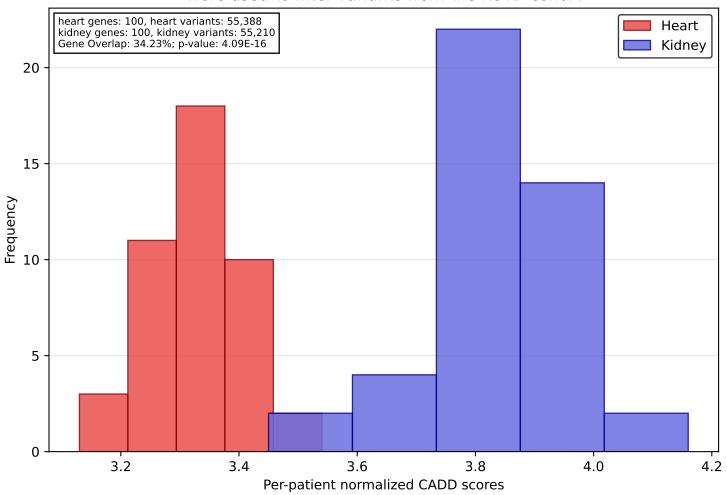
Top 20 expressed genes from GTEx heart and kidney data were used to filter variants from the KUTD cohort



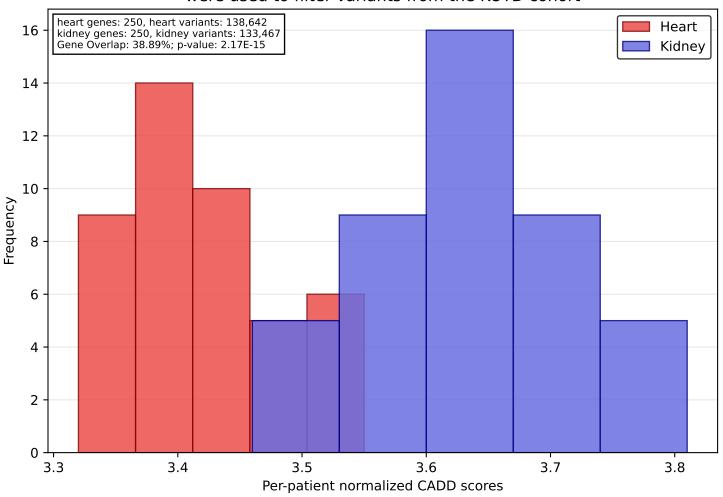
Top 50 expressed genes from GTEx heart and kidney data were used to filter variants from the KUTD cohort



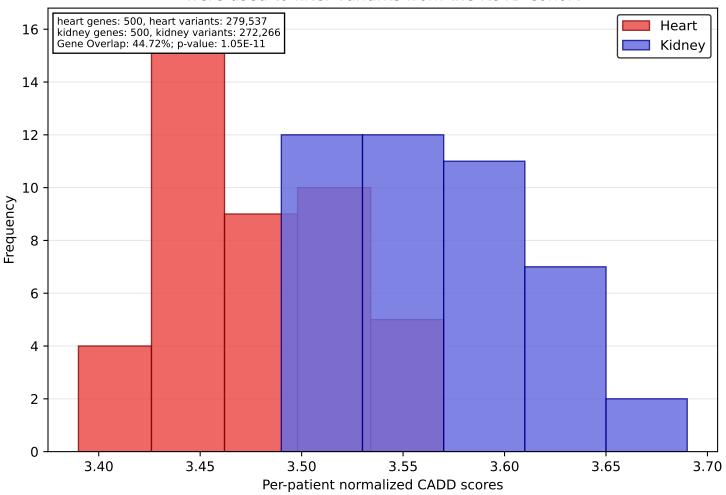
Top 100 expressed genes from GTEx heart and kidney data were used to filter variants from the KUTD cohort



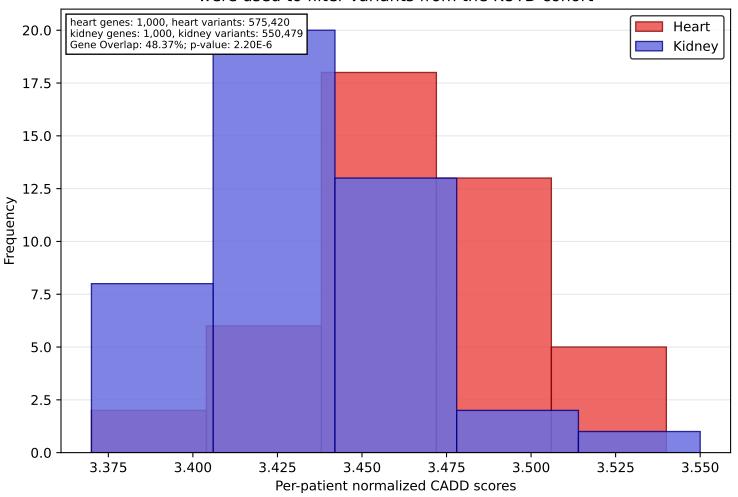
Top 250 expressed genes from GTEx heart and kidney data were used to filter variants from the KUTD cohort



## Top 500 expressed genes from GTEx heart and kidney data were used to filter variants from the KUTD cohort



Top 1000 expressed genes from GTEx heart and kidney data were used to filter variants from the KUTD cohort



## Summary of KUTD analysis using GTEx tissue datasets heart kidney 10 20 50 100 250 500 1000 2.5 3.0 3.5 4.0

Per-patient normalized CADD scores