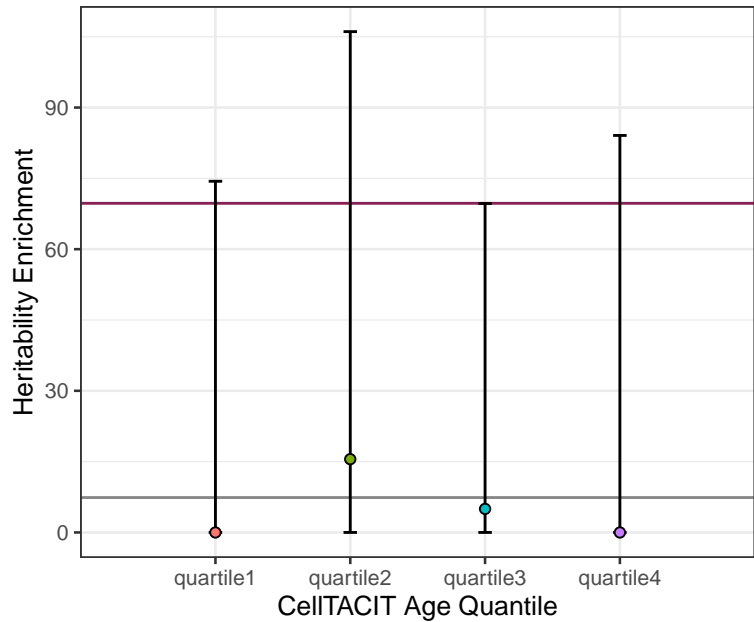


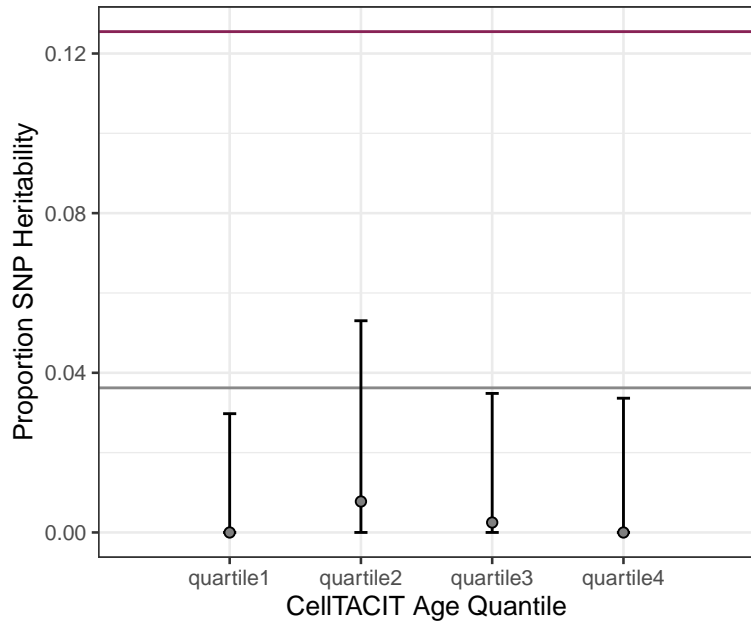
OPC, AD\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, AD\_E



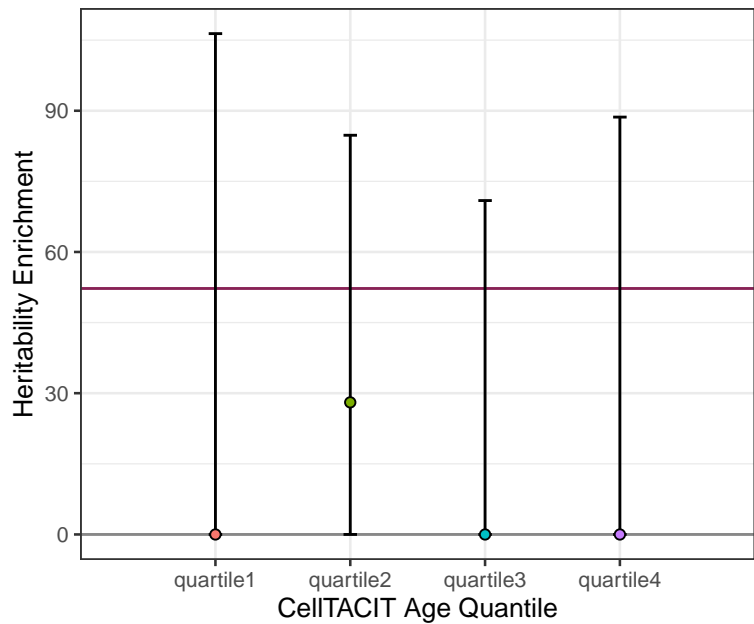
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

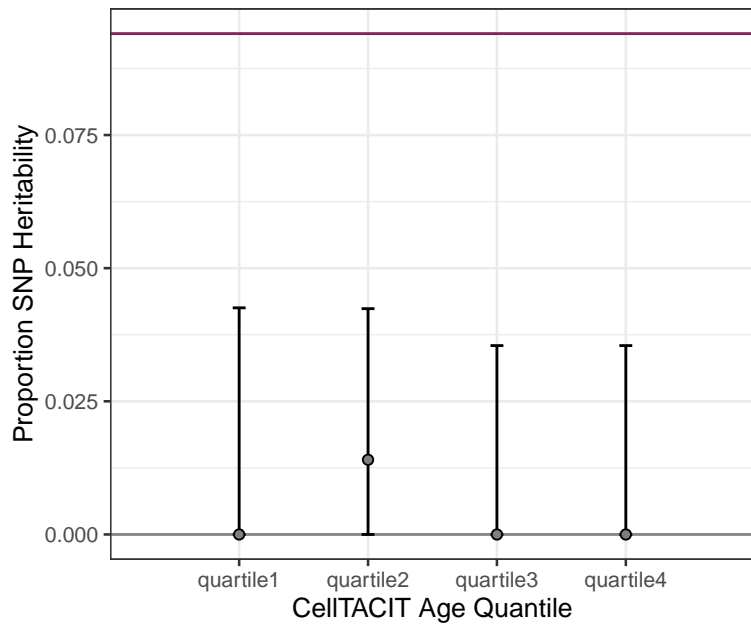
OPC, AD-ADBP\_E



quartile

quartile1 quartile2 quartile3 quartile4

OPC, AD-ADBP\_E



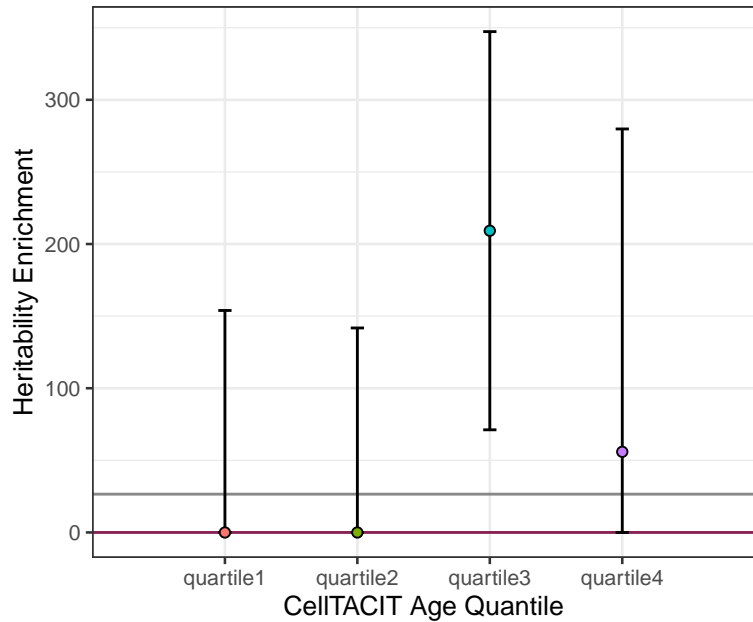
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

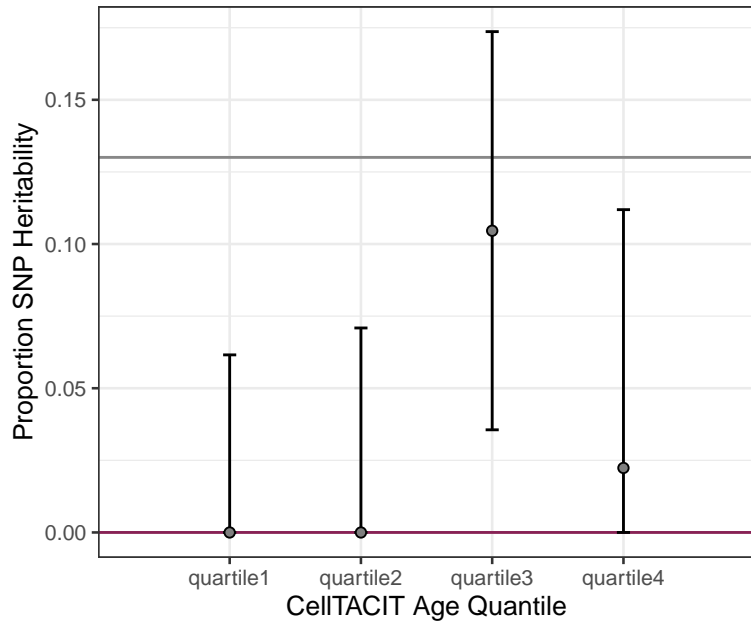
OPC, ALS\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, ALS\_E



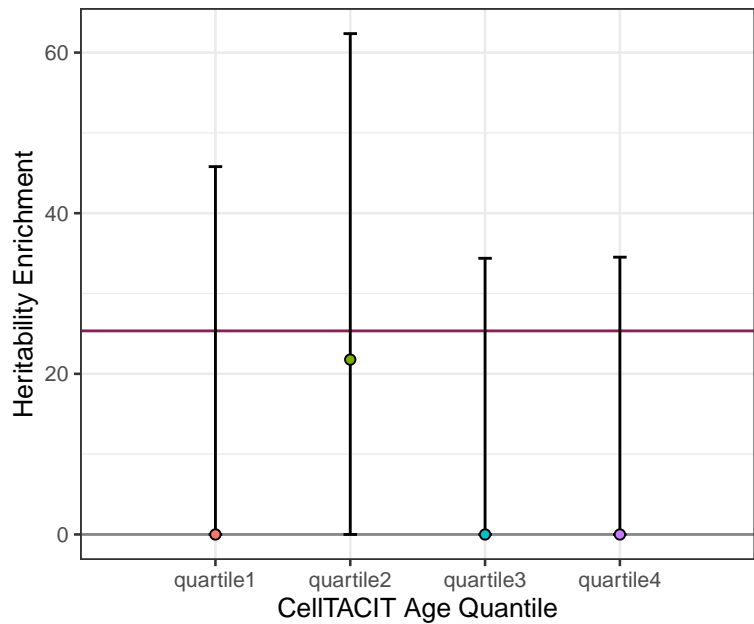
Zoonomia

phyloP.Acc phyloP.Con

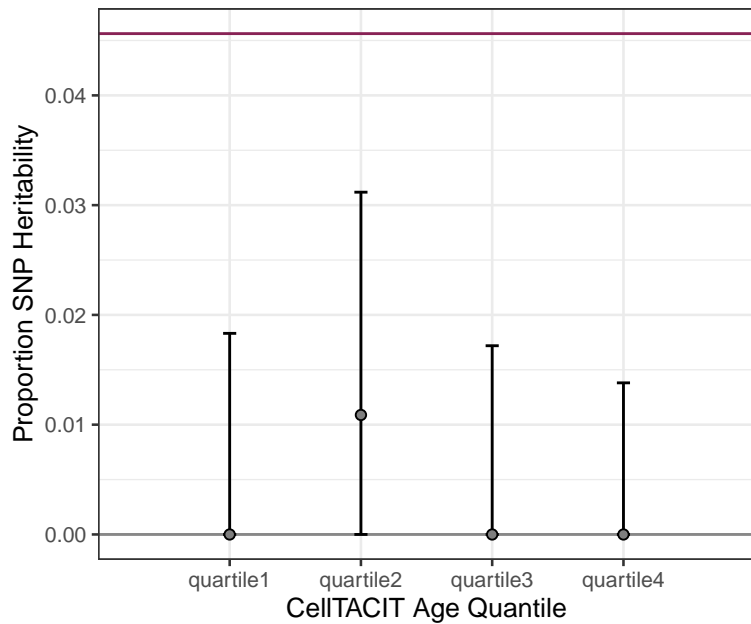
peaktype

quartile

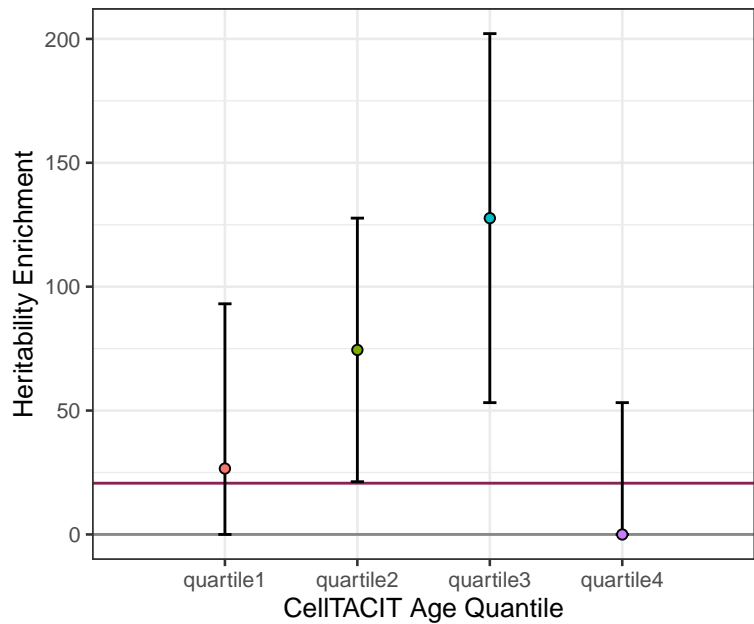
OPC, AMD\_E



OPC, AMD\_E



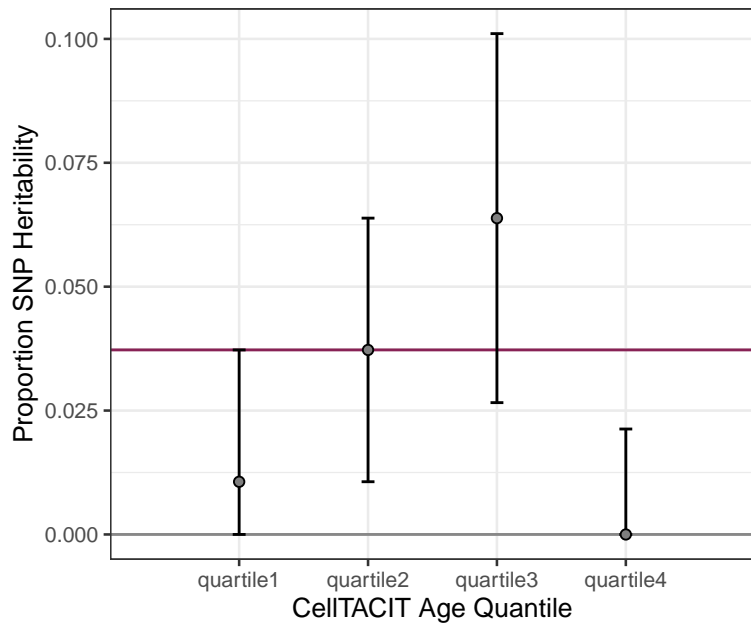
OPC, PD-PDBP\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, PD-PDBP\_E



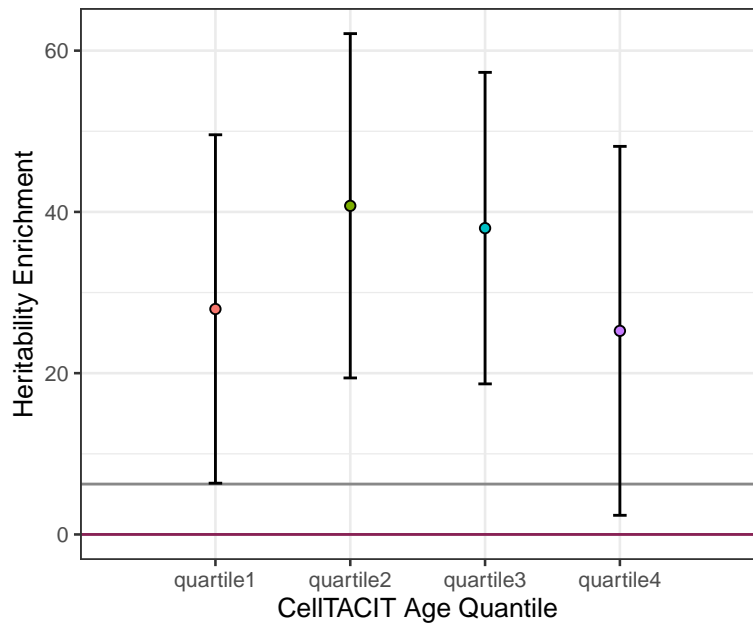
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

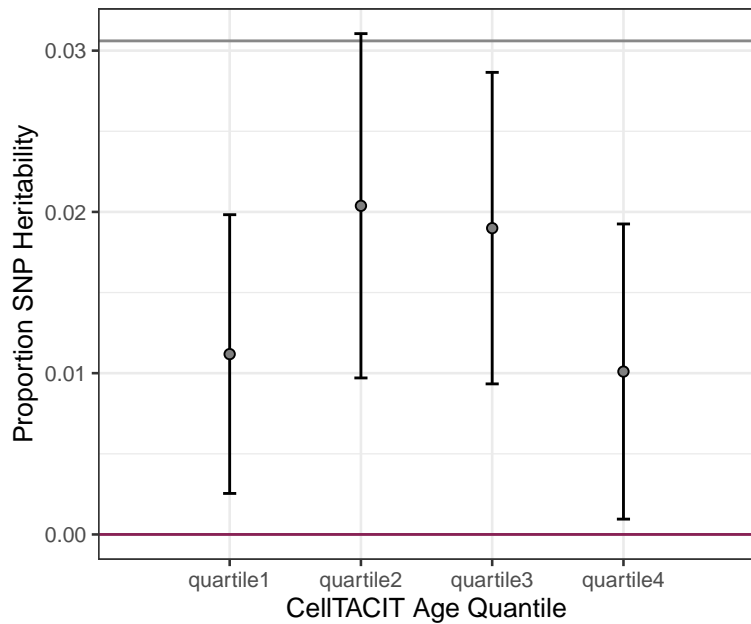
OPC, Cross-Psych\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, Cross-Psych\_E



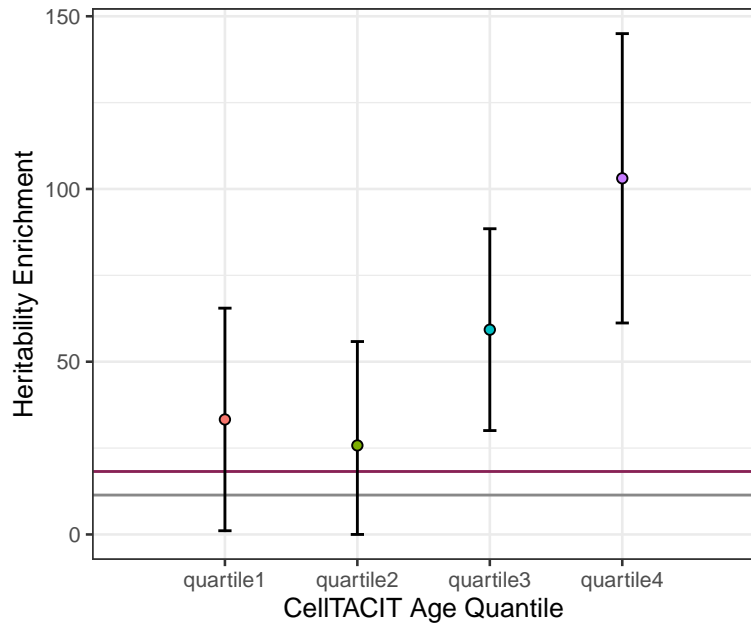
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

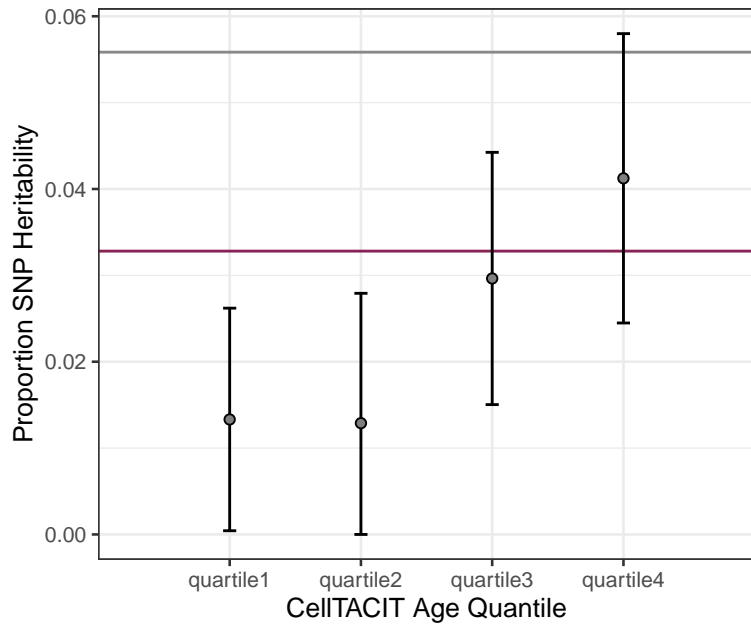
# OPC, ADHD\_E



quantile

quartile1 quartile2 quartile3 quartile4

# OPC, ADHD\_E



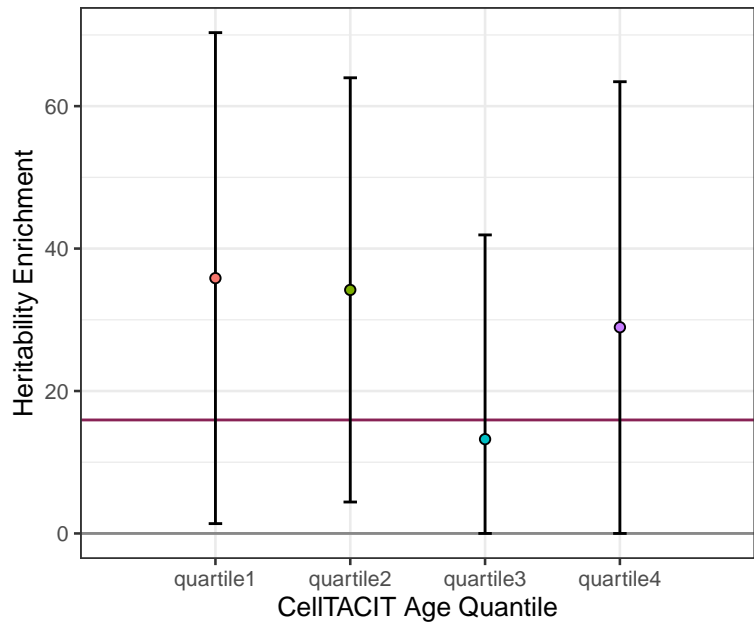
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

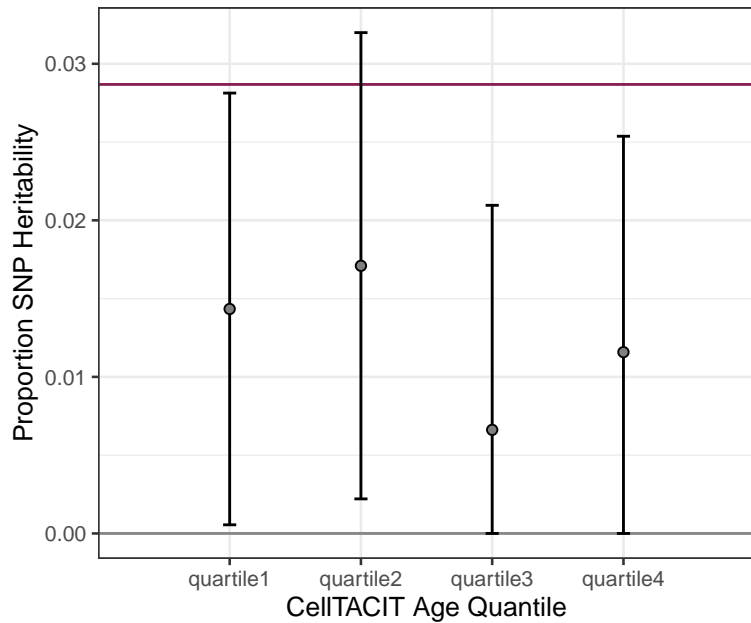
OPC, Anorexia\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, Anorexia\_E



Zoonomia

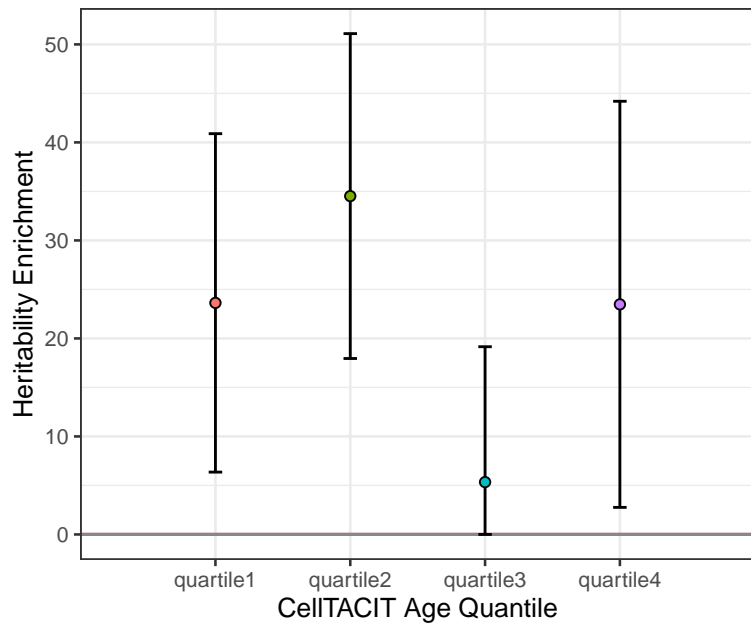
phyloP.Acc phyloP.Con

peaktype

quartile



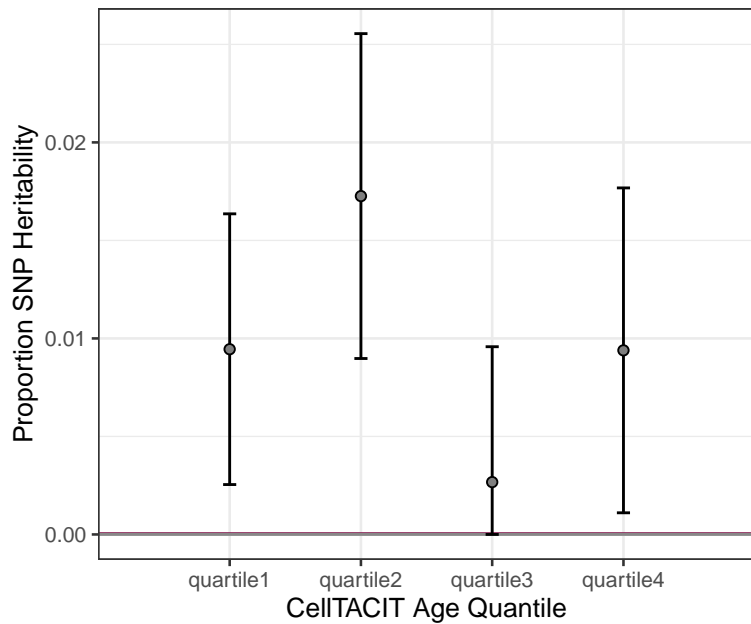
OPC, Bipolar\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, Bipolar\_E



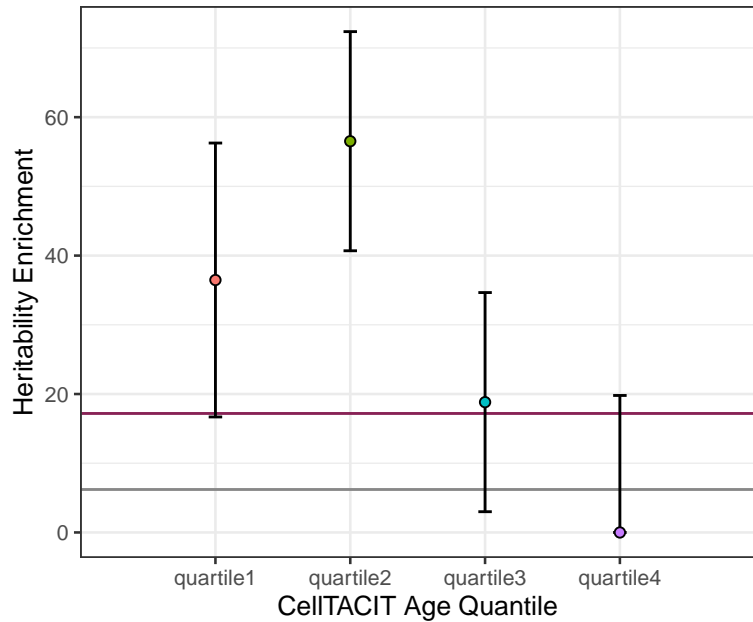
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

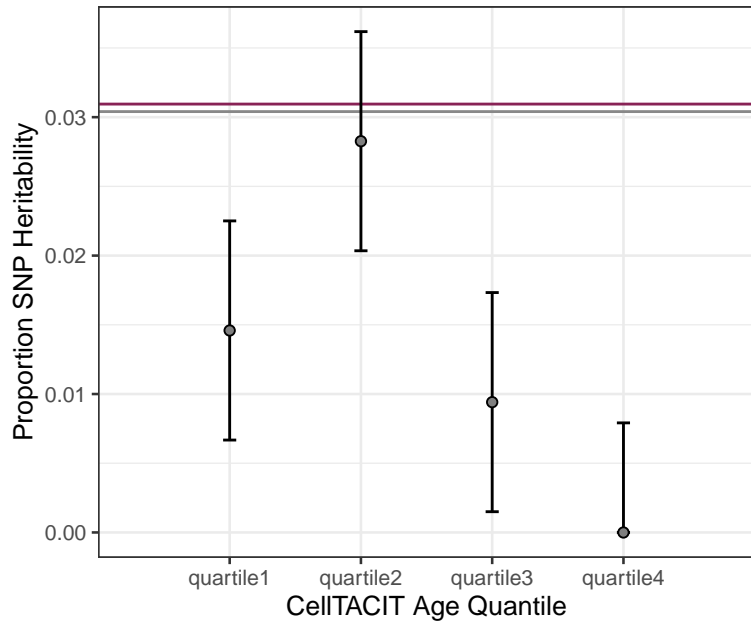
OPC, Depression\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, Depression\_E



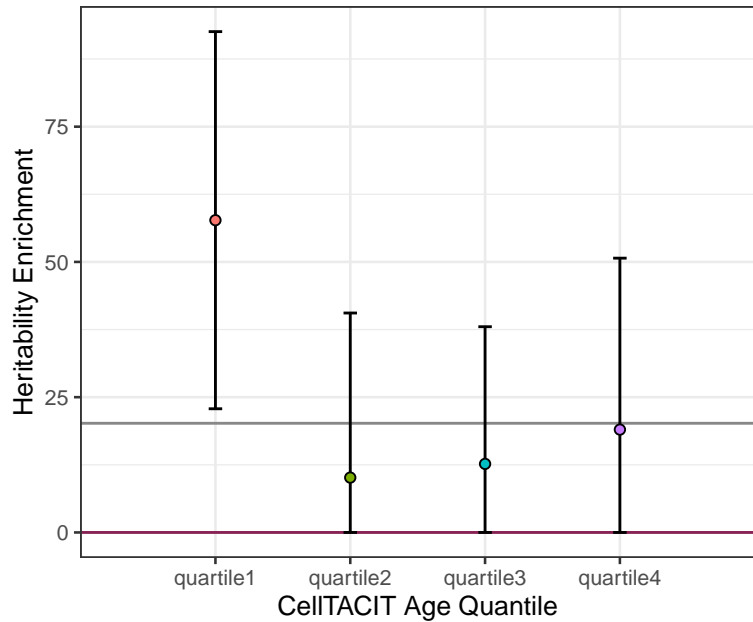
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

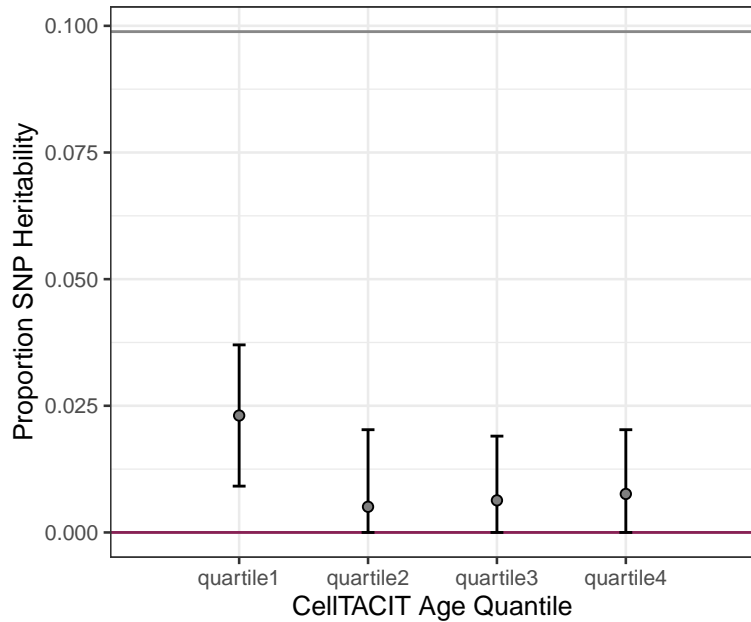
OPC, MDD\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, MDD\_E



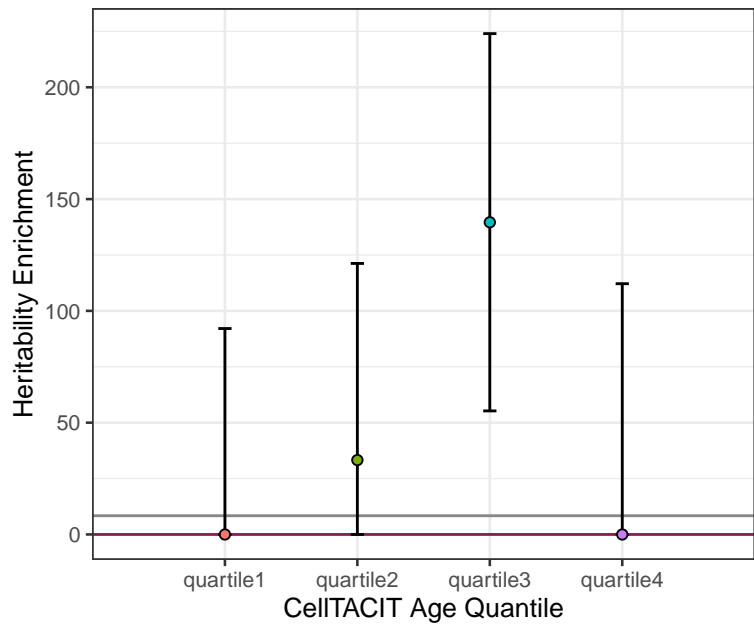
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

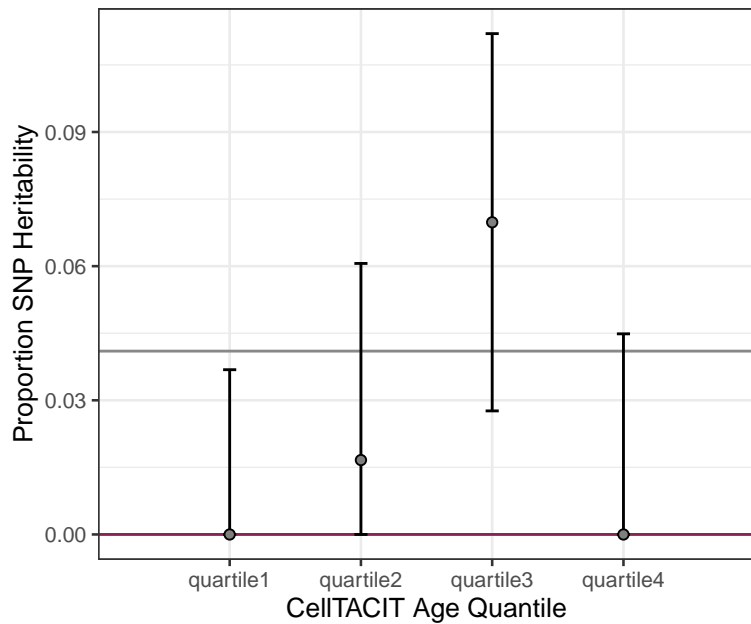
OPC, OCD\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, OCD\_E



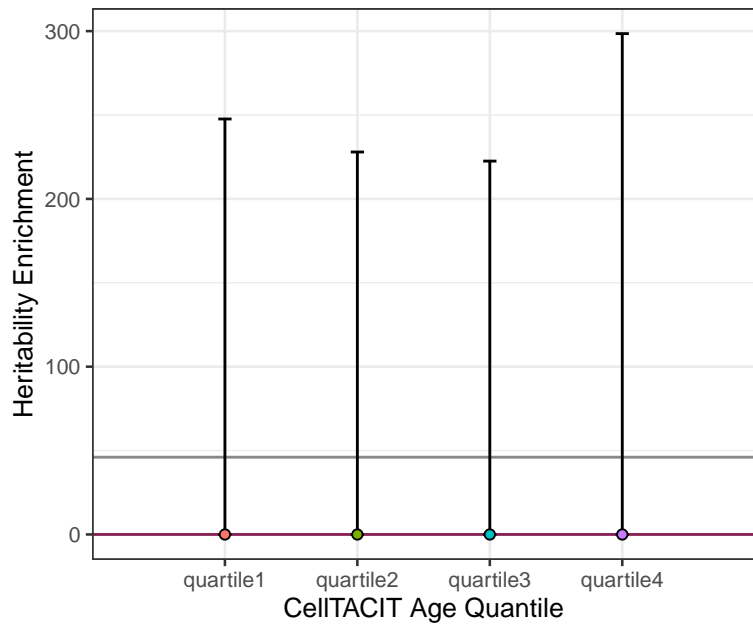
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

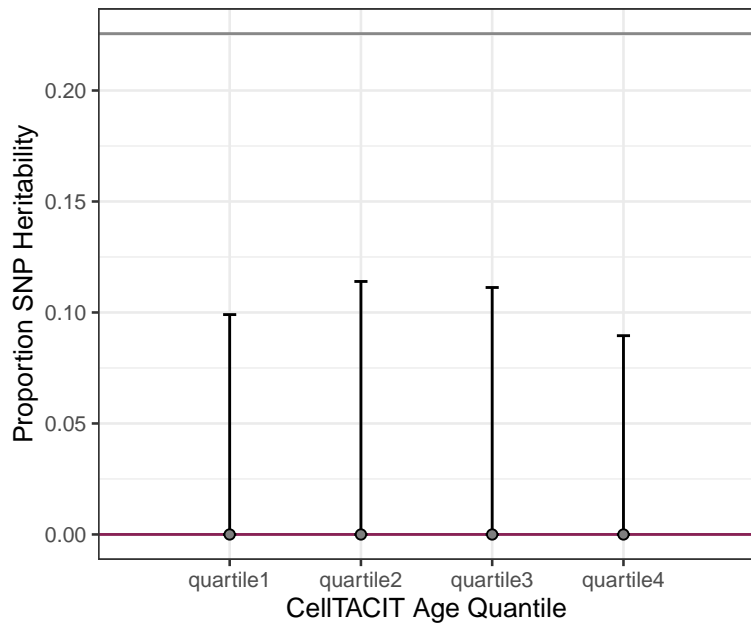
OPC, PTSD\_A



quantile

quartile1 quartile2 quartile3 quartile4

OPC, PTSD\_A



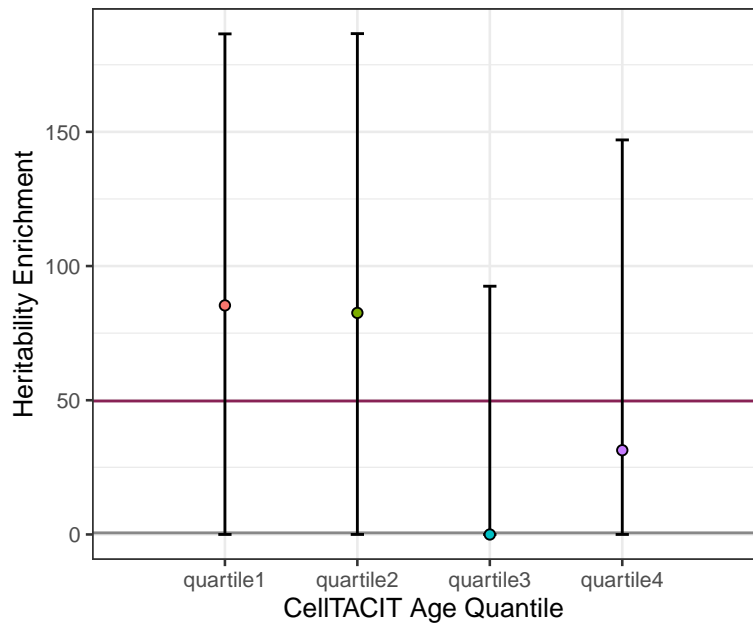
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

OPC, PTSD\_E



quantile



quartile1



quartile2

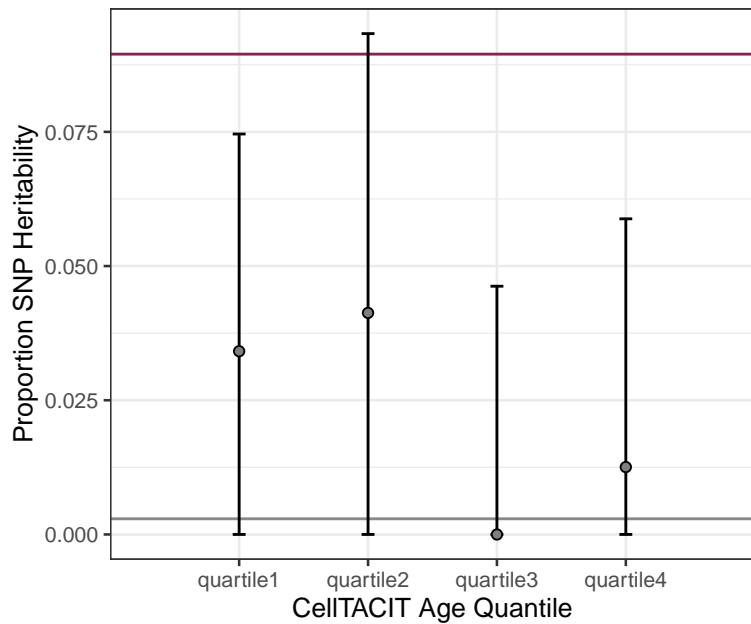


quartile3



quartile4

OPC, PTSD\_E



Zoonomia



phyloP.Acc



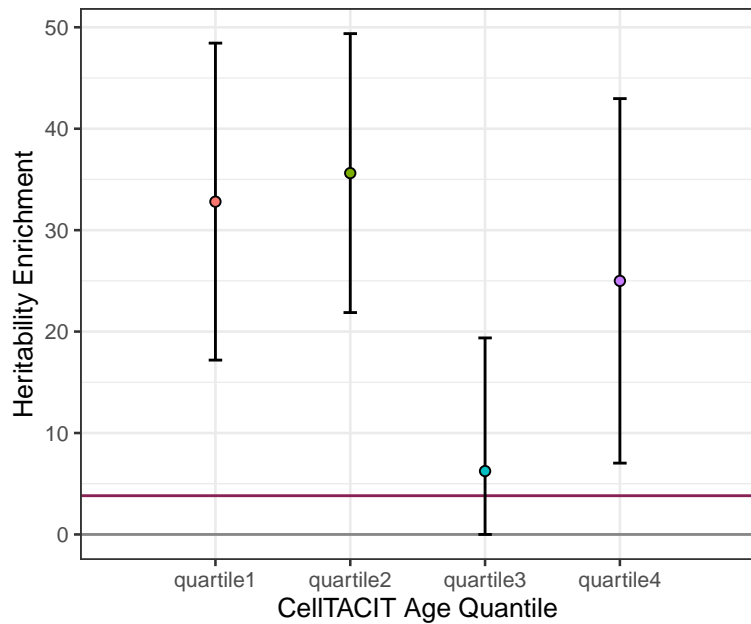
phyloP.Con

peaktype



quartile

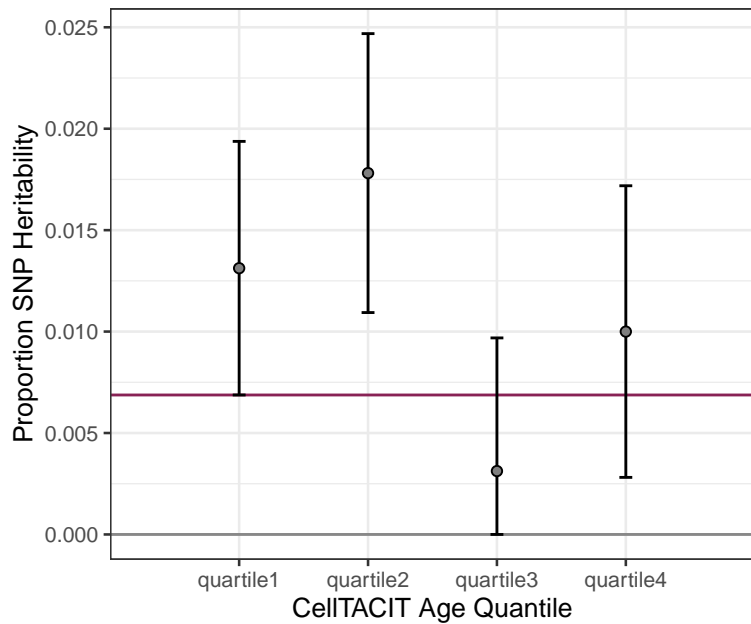
# OPC, Schizophrenia\_E



quantile

quartile1 quartile2 quartile3 quartile4

# OPC, Schizophrenia\_E



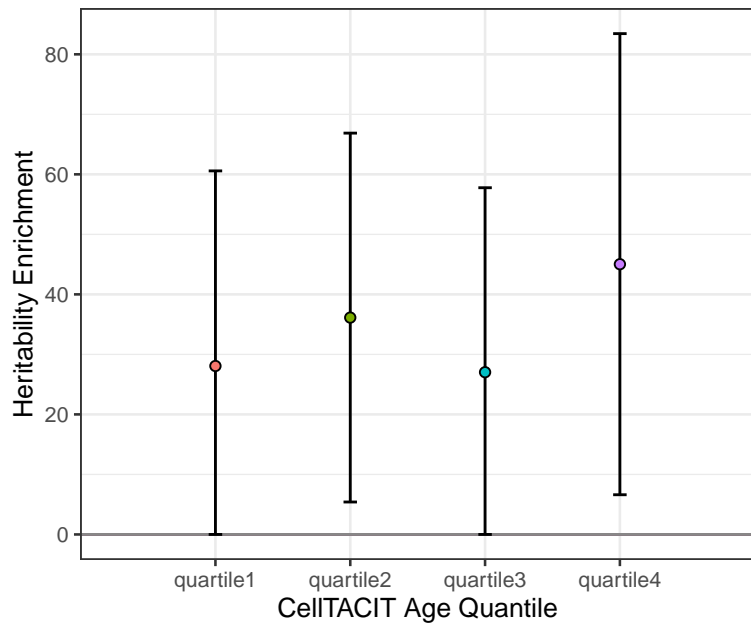
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

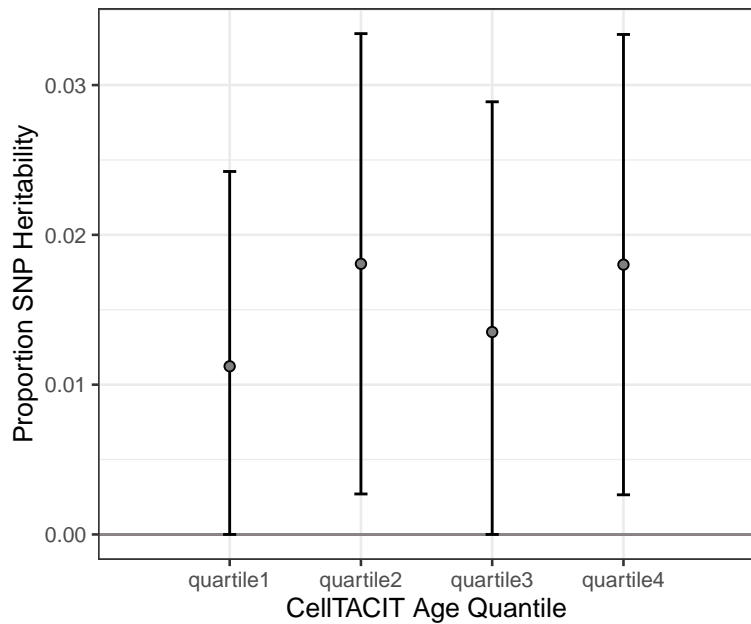
OPC, AUDIT-C\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, AUDIT-C\_E



Zoonomia

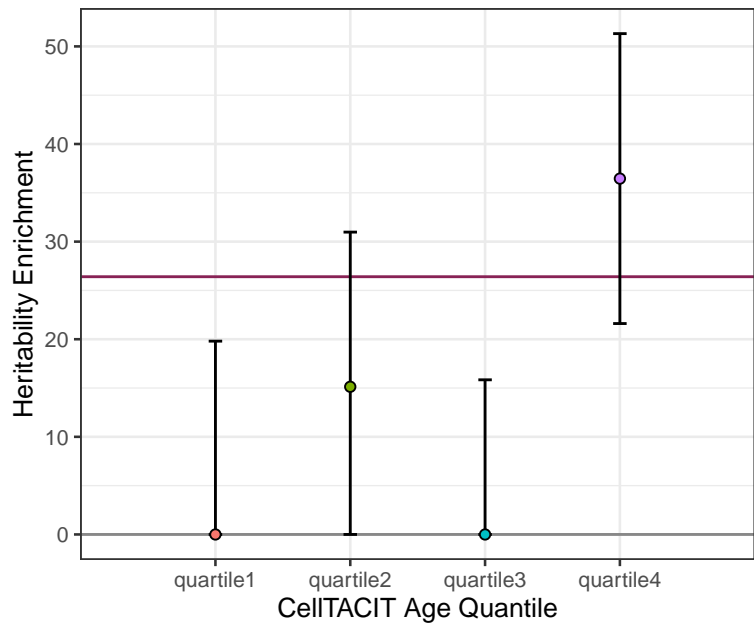
phyloP.Acc phyloP.Con

peaktype

quartile



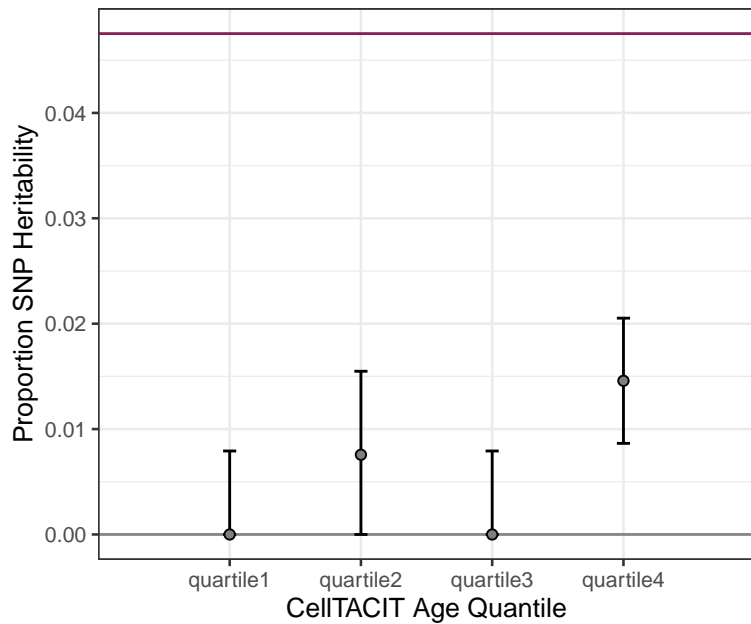
OPC, DrinksPerWeek\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, DrinksPerWeek\_E



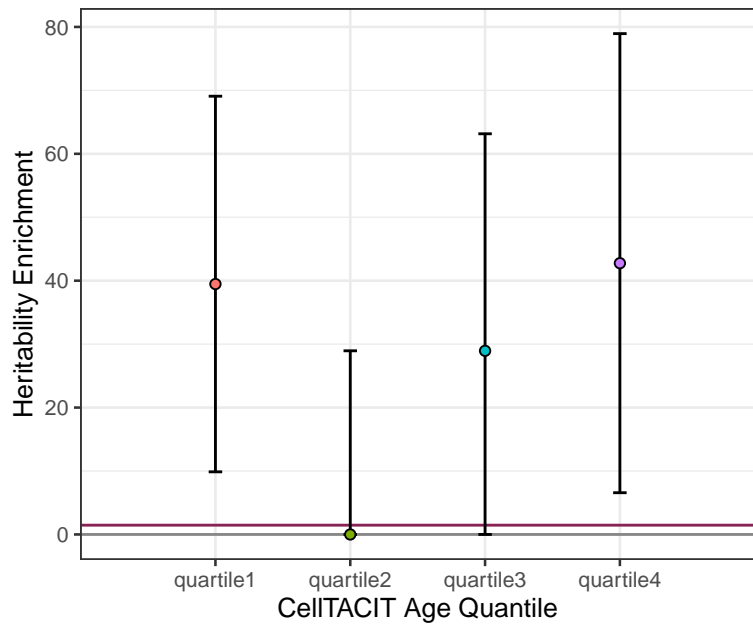
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

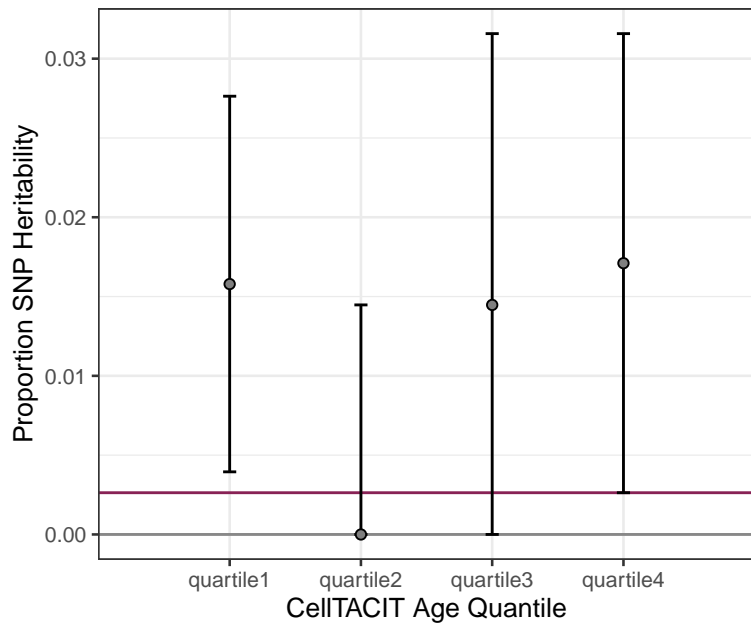
OPC, CannabisUse\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, CannabisUse\_E



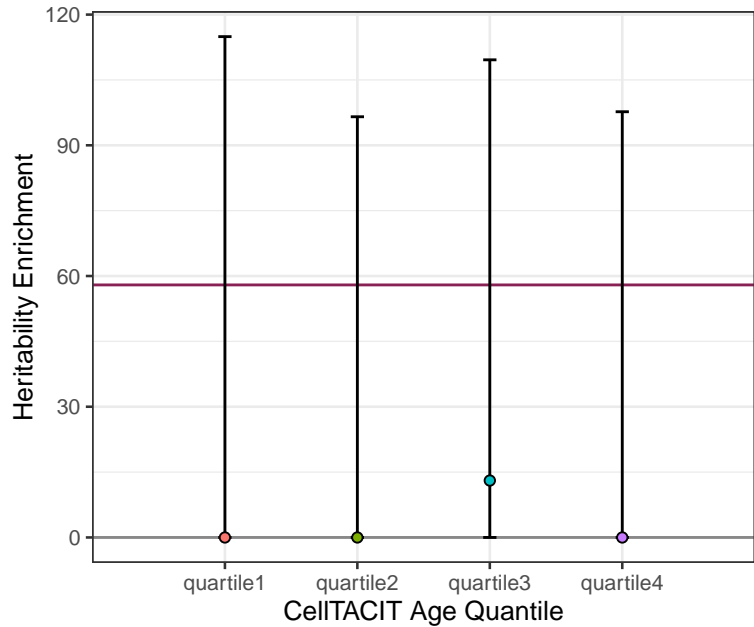
Zoonomia

phyloP.Acc phyloP.Con

peaktype

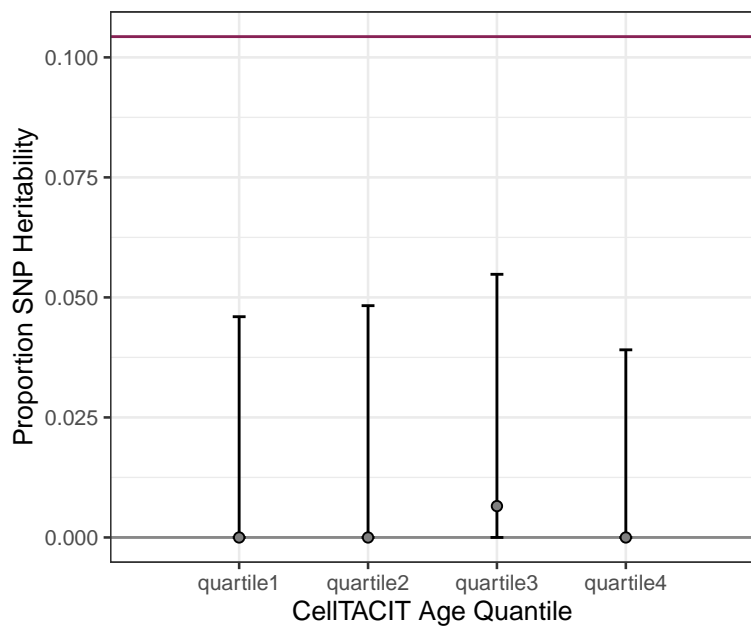
quartile

OPC, CoffeePerDay\_E



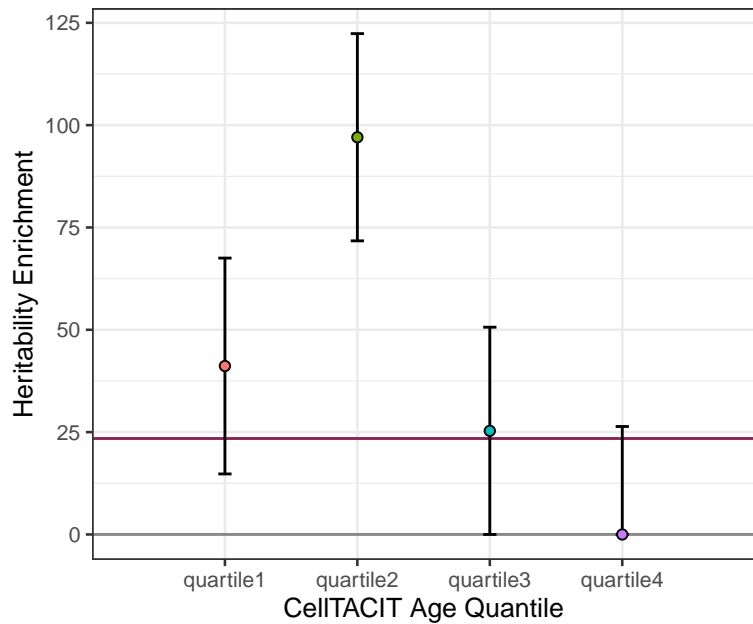
quantile  
● quartile1 ● quartile2 ● quartile3 ● quartile4

OPC, CoffeePerDay\_E



Zoonomia  
— phyloP.Acc — phyloP.Con  
  quartile

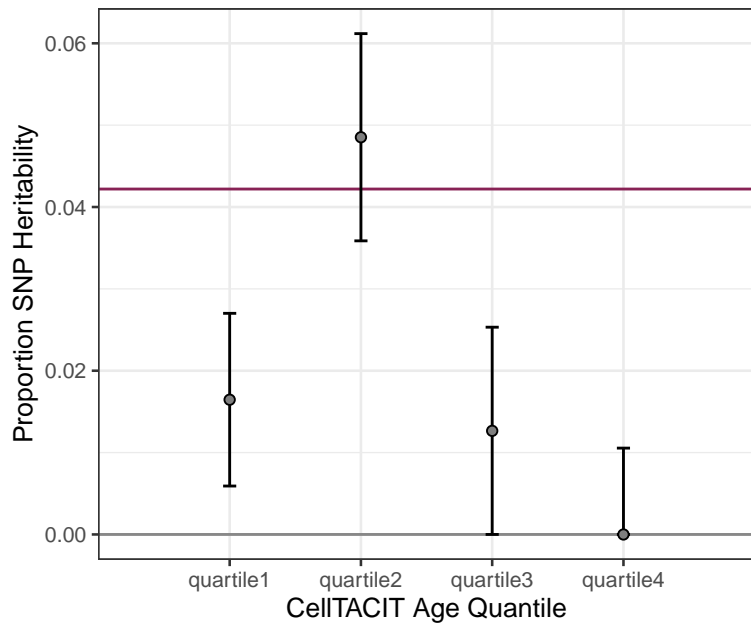
OPC, SmokAgeOfInit\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, SmokAgeOfInit\_E



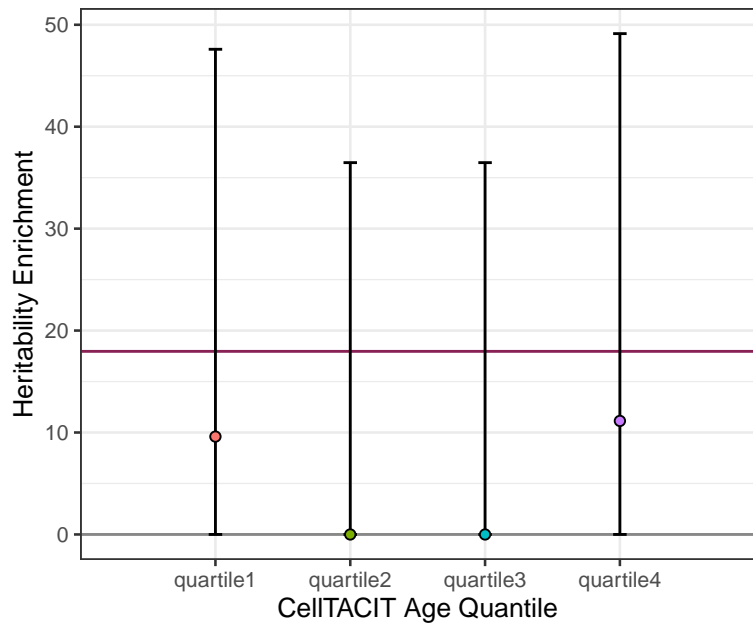
Zoonomia

phyloP.Acc phyloP.Con

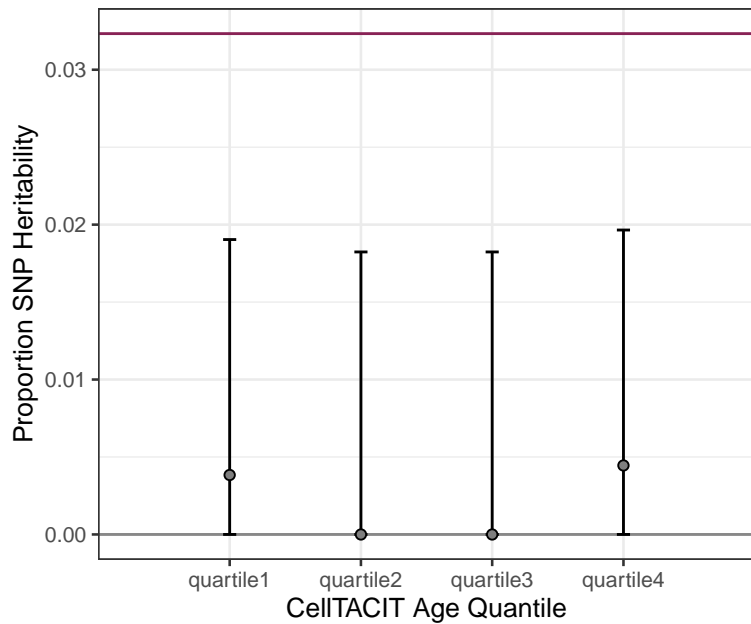
peaktype

quartile

OPC, SmokCessation\_E



OPC, SmokCessation\_E



quantile



quartile1



quartile2



quartile3



quartile4

Zoonomia



phyloP.Acc



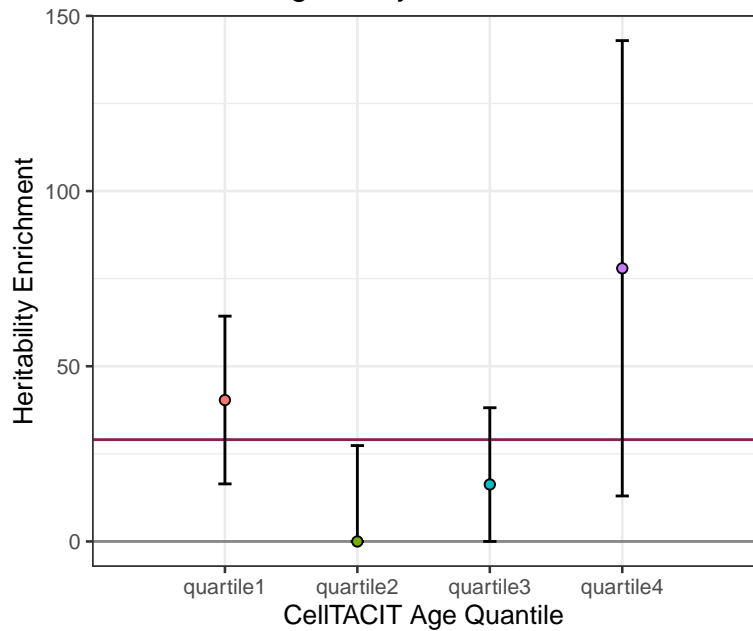
phyloP.Con

peaktype



quartile

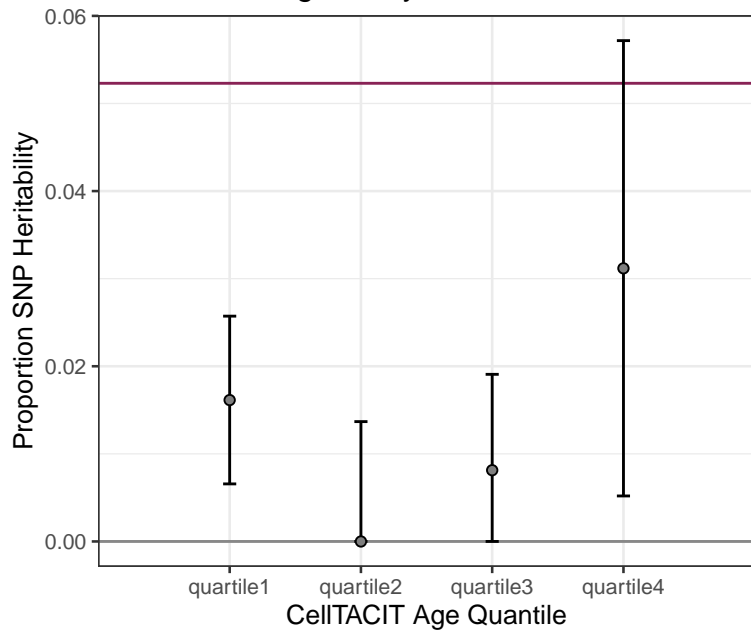
OPC, SmokCigPerDay\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, SmokCigPerDay\_E



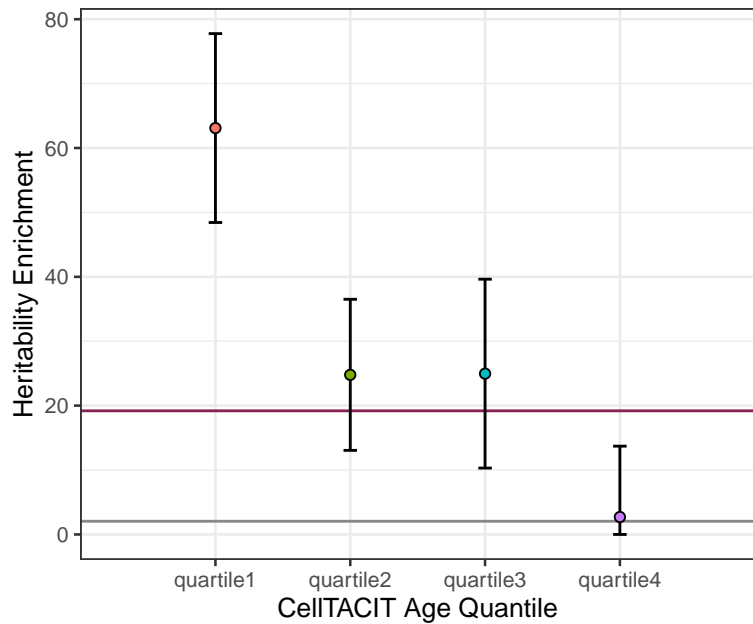
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

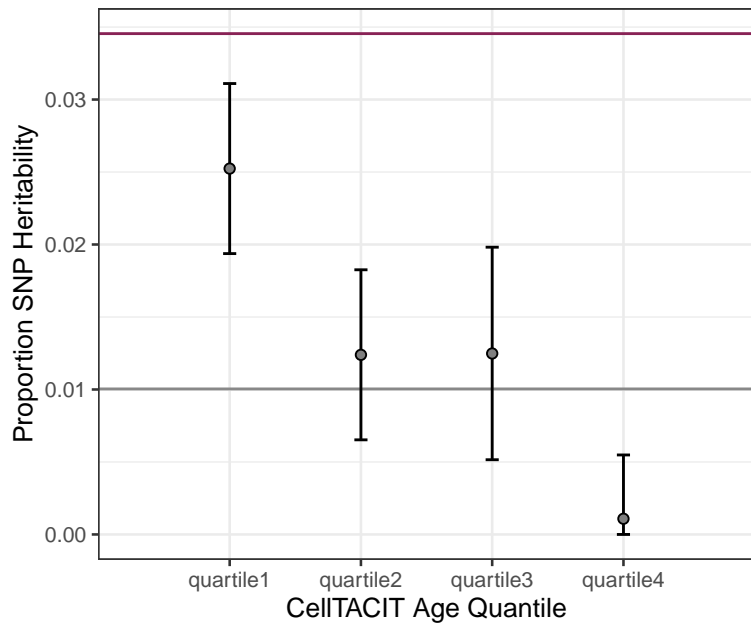
OPC, SmokInitiation\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, SmokInitiation\_E



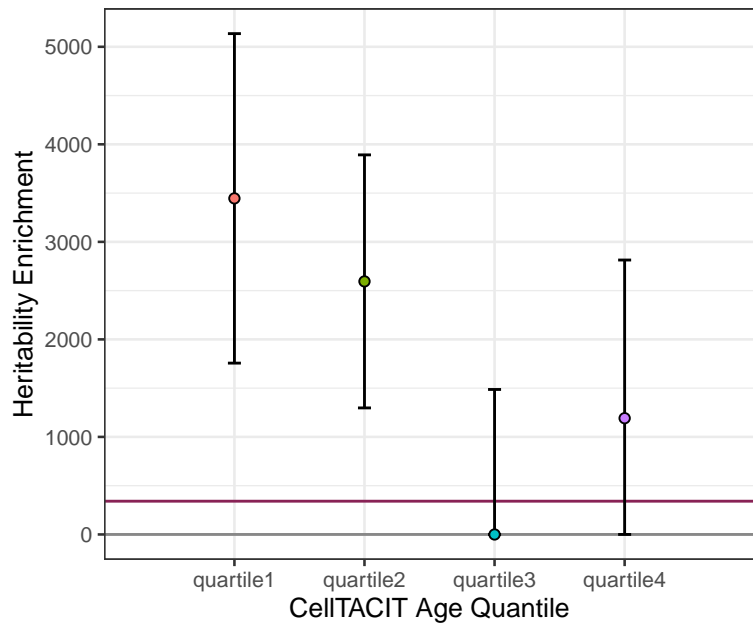
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

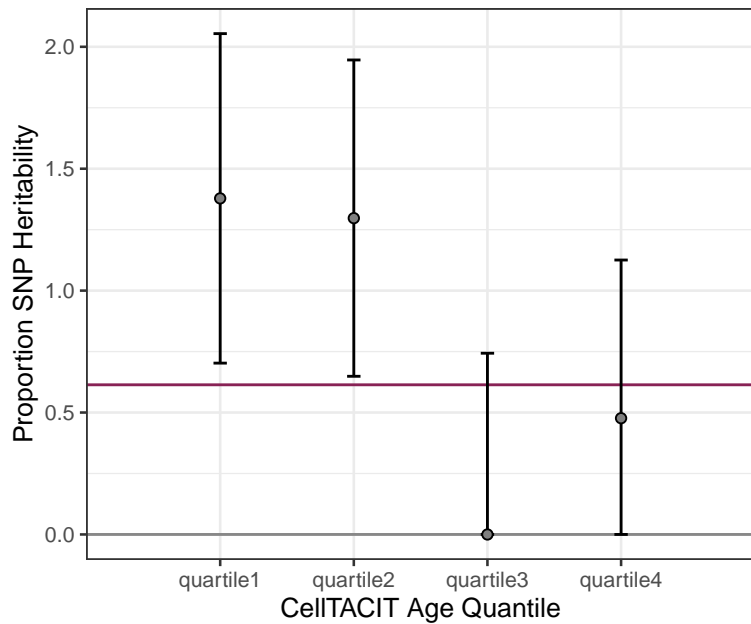
OPC, OpioidUse\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, OpioidUse\_E



Zoonomia

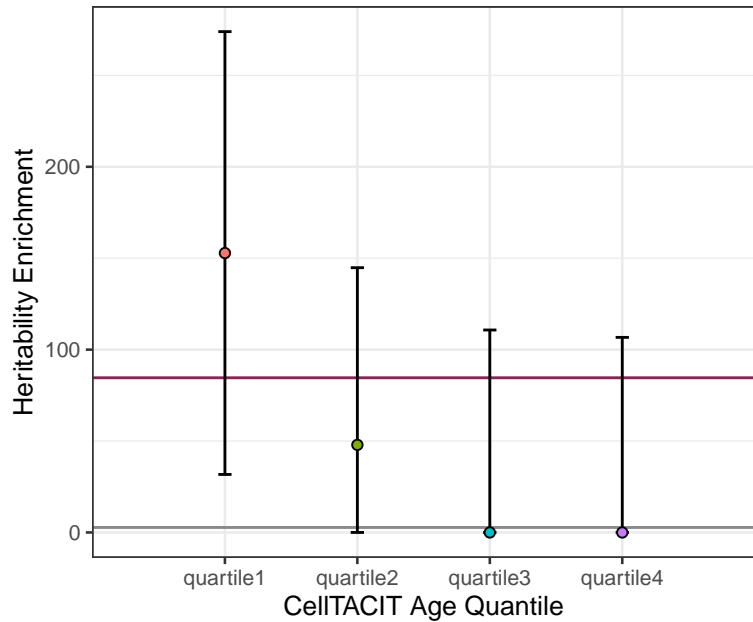
phyloP.Acc phyloP.Con

peaktype

quartile



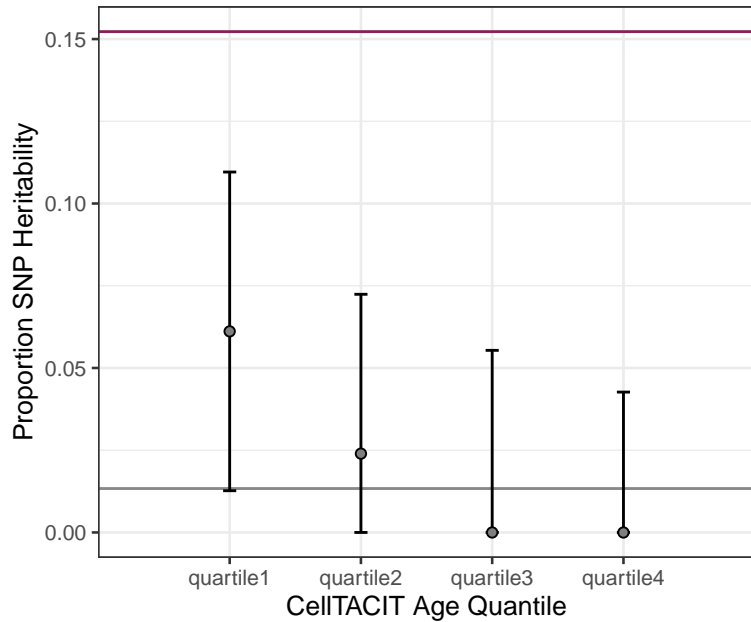
OPC, AlcoholDep\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, AlcoholDep\_E



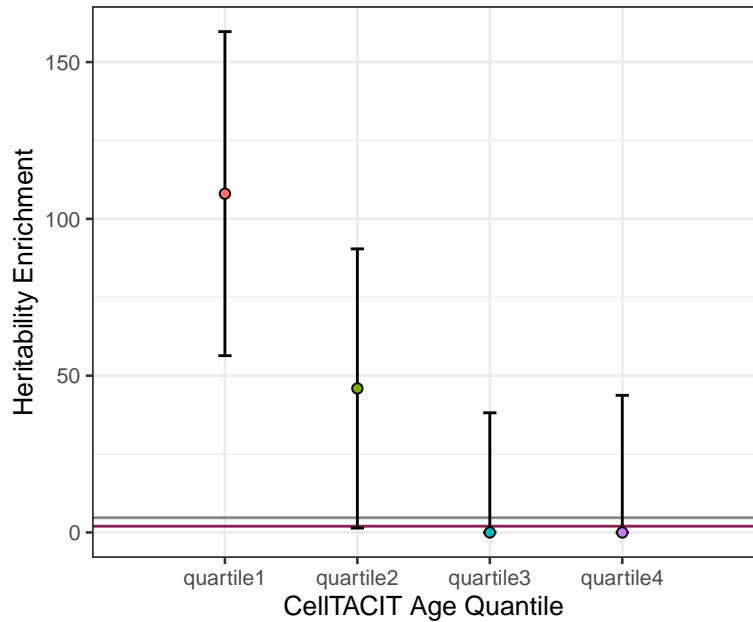
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

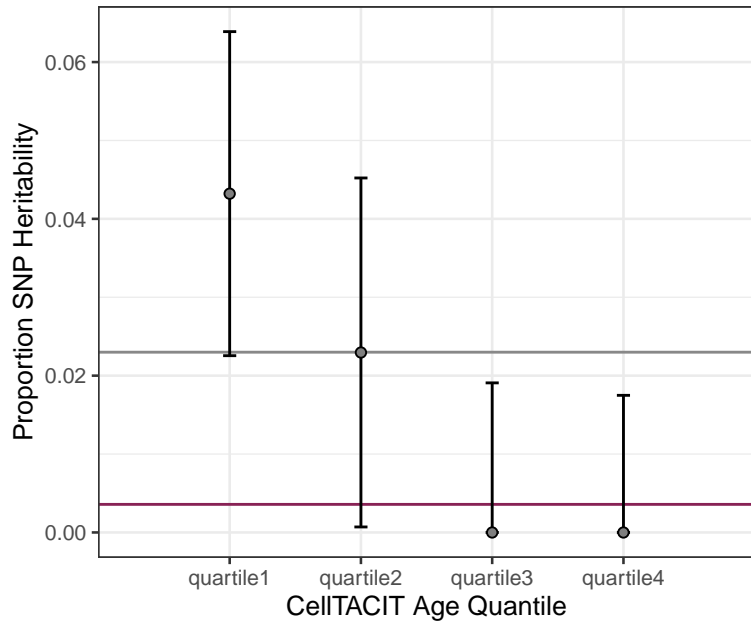
OPC, AUDIT-P\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, AUDIT-P\_E



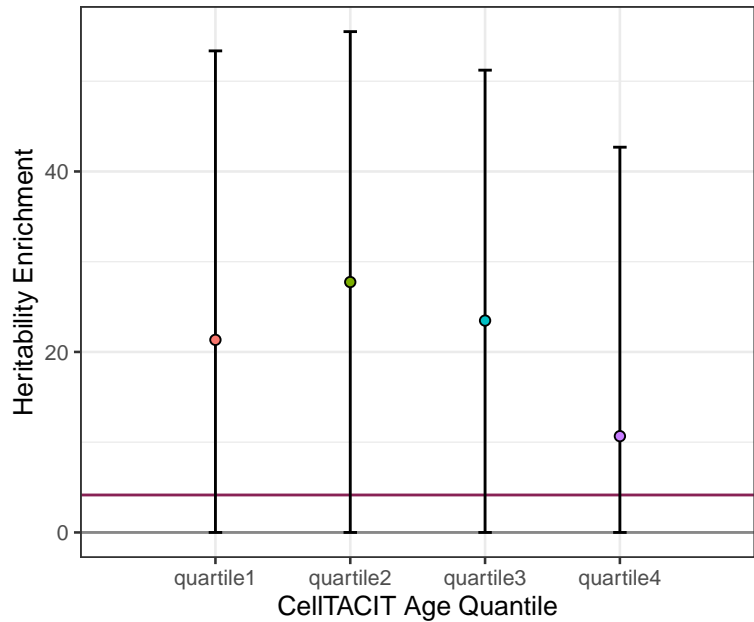
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

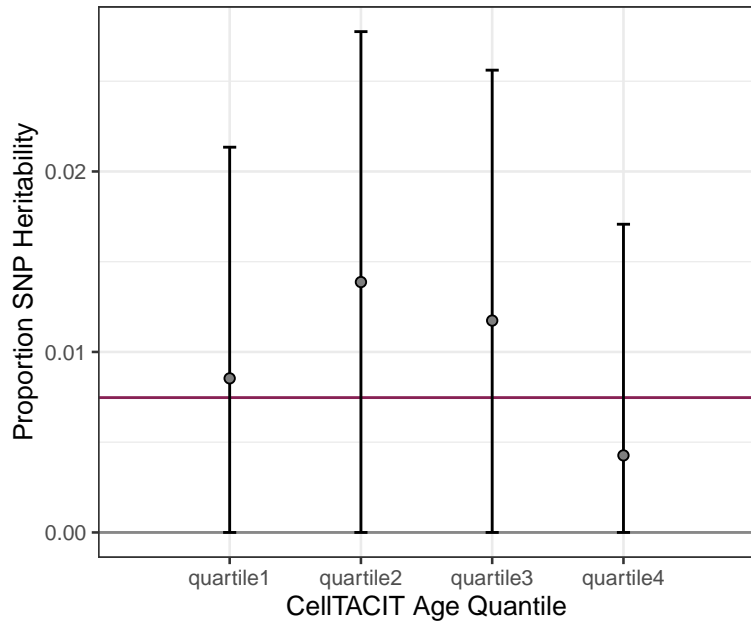
OPC, AUDIT-Tot\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, AUDIT-Tot\_E



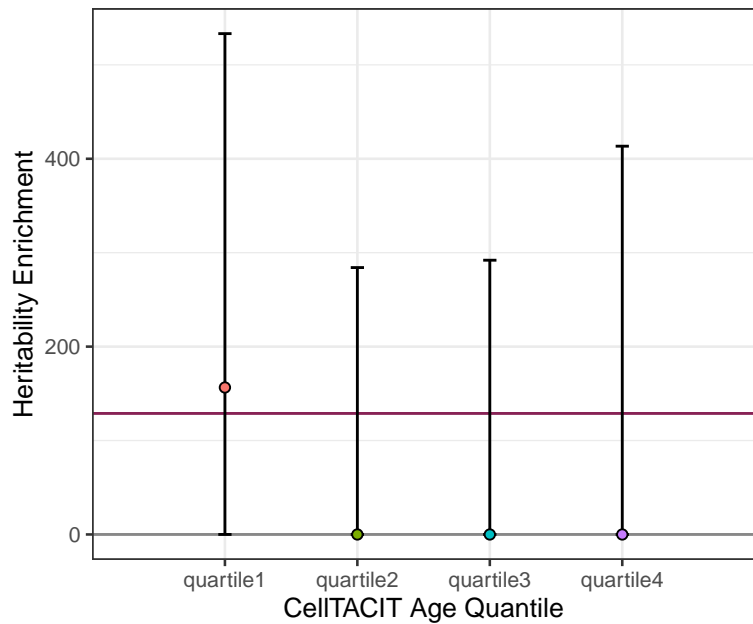
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

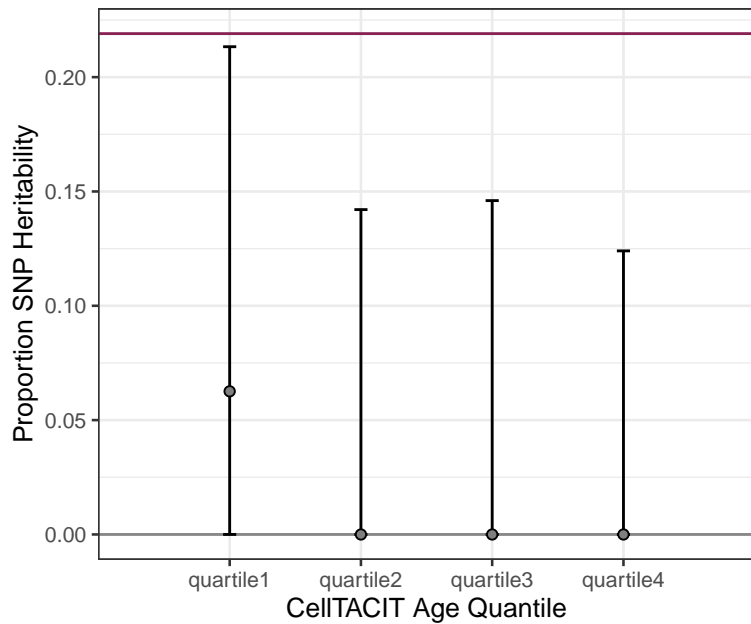
OPC, CannabisUD\_A



quantile

quartile1 quartile2 quartile3 quartile4

OPC, CannabisUD\_A



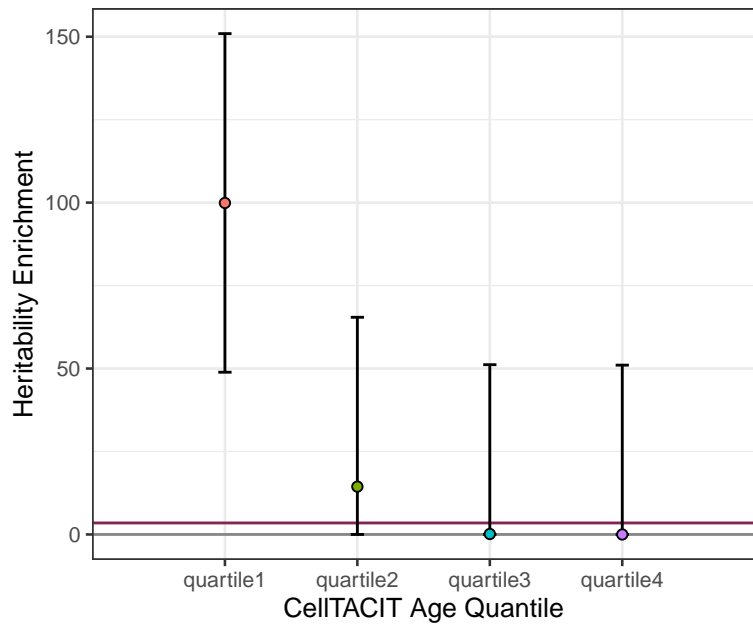
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

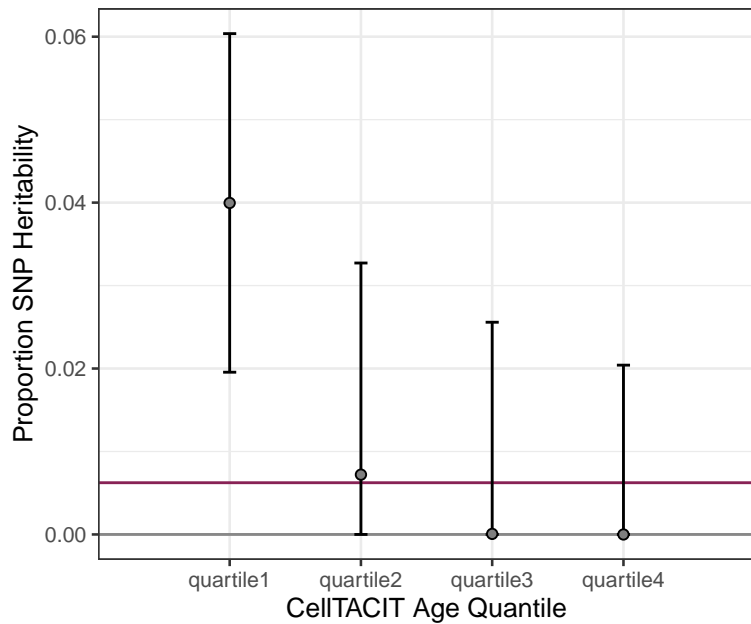
# OPC, CannabisUD\_E



quantile

quartile1 quartile2 quartile3 quartile4

# OPC, CannabisUD\_E



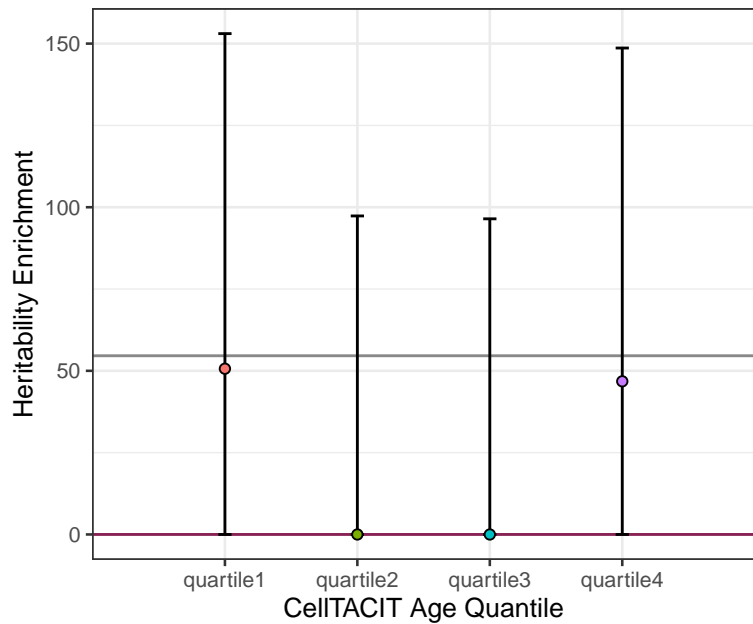
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

OPC, CocaineDep\_E



quantile



quartile1



quartile2

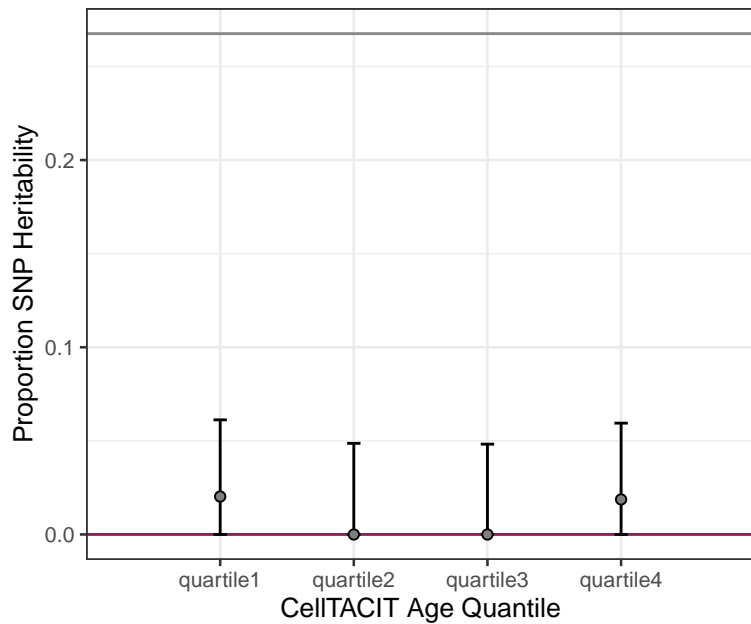


quartile3



quartile4

OPC, CocaineDep\_E



Zoonomia



phyloP.Acc



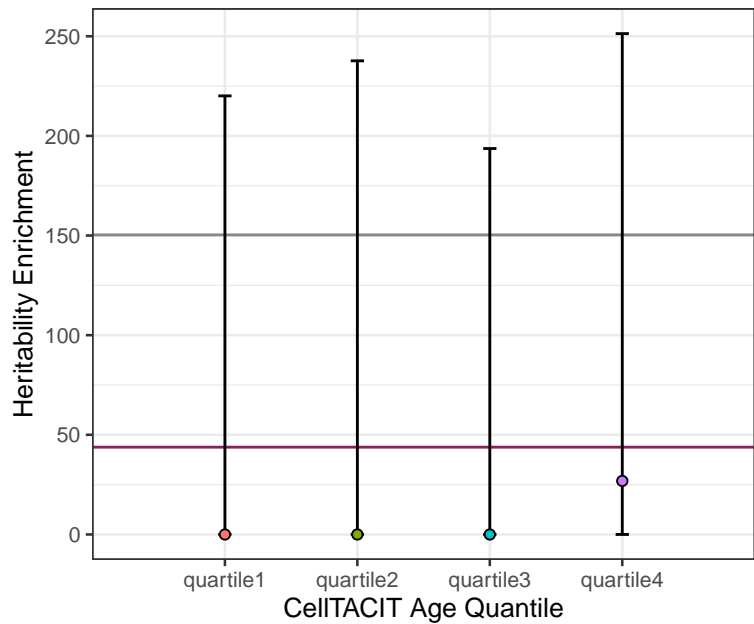
phyloP.Con

peaktype



quartile

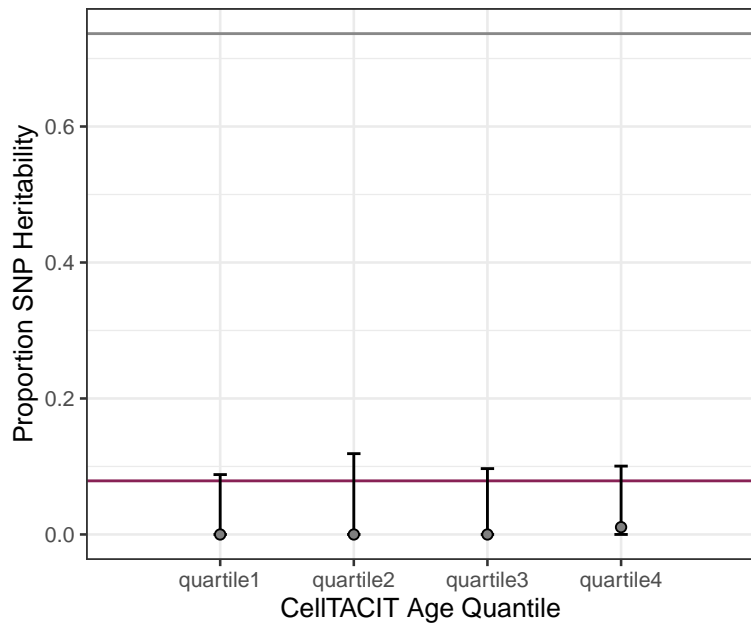
OPC, OpioidDep\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, OpioidDep\_E



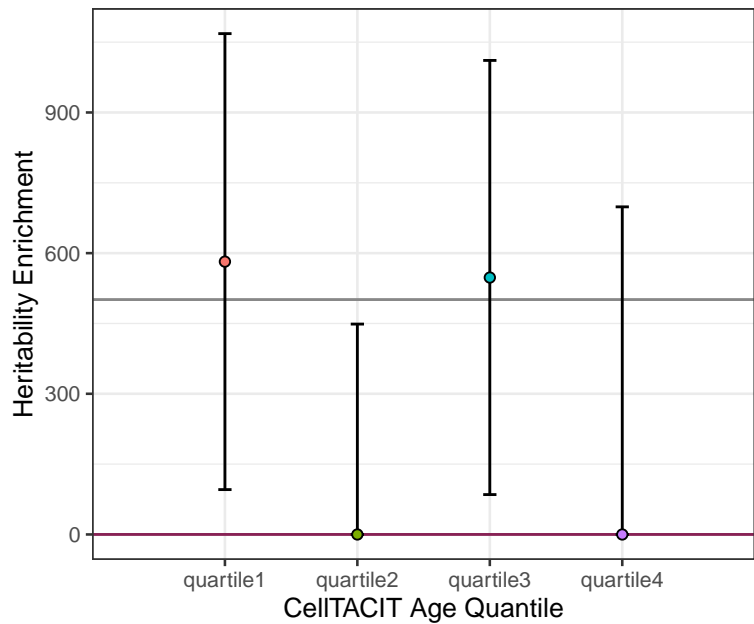
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

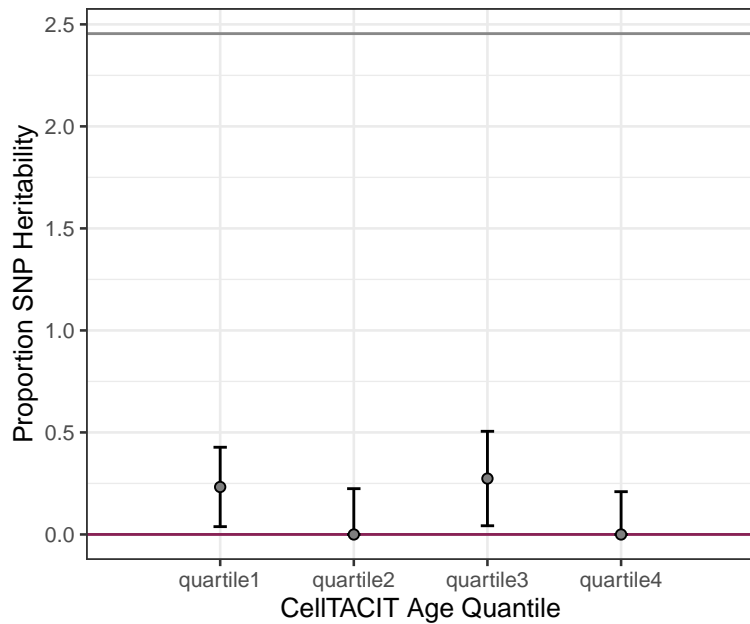
OPC, OpioidDep-vs-Exp\_A



quantile

quantile1 quantile2 quantile3 quantile4

OPC, OpioidDep-vs-Exp\_A



Zoonomia

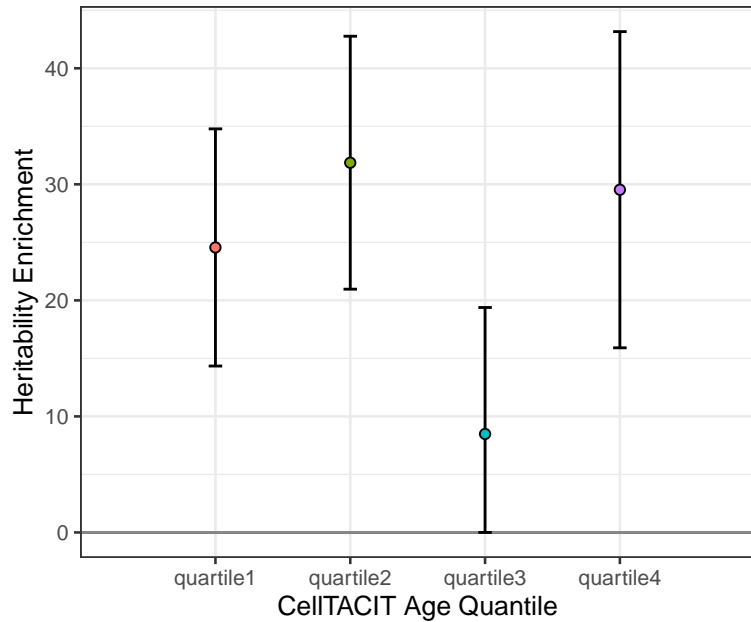
phyloP.Acc phyloP.Con

peaktype

quantile



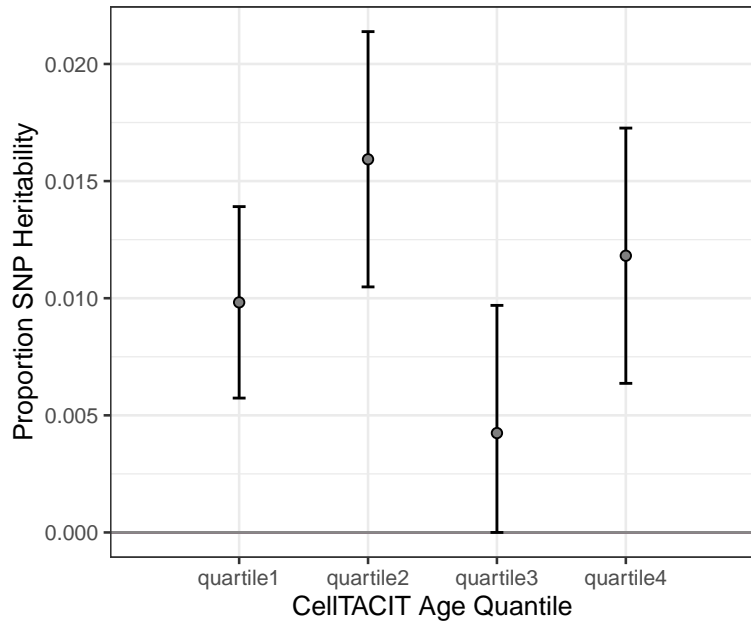
OPC, EduAttain\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, EduAttain\_E



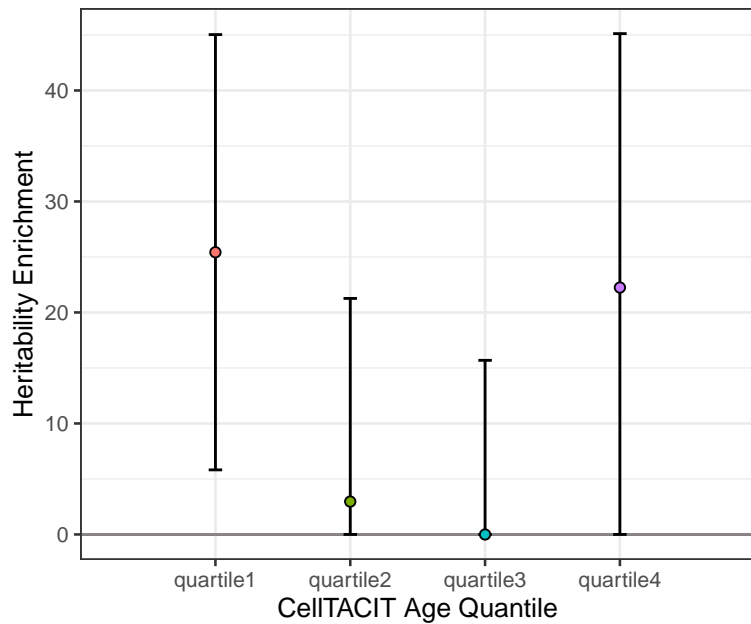
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

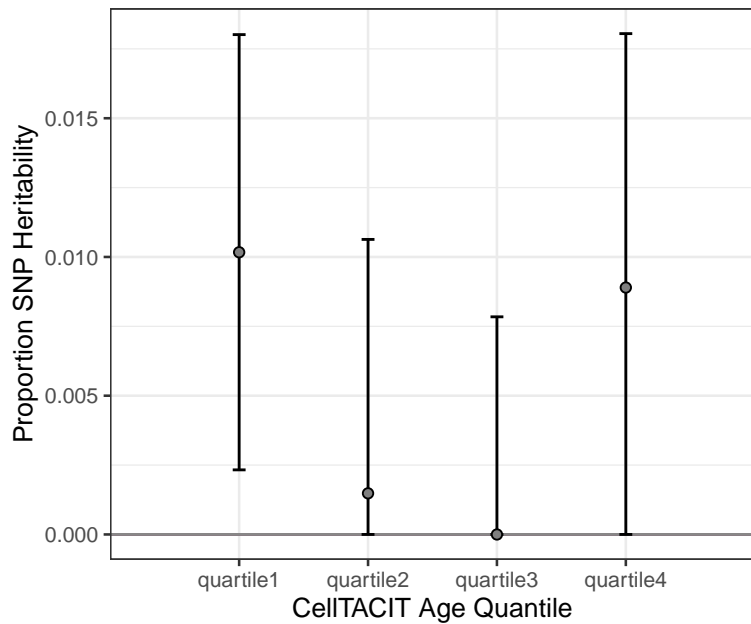
OPC, Income\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, Income\_E



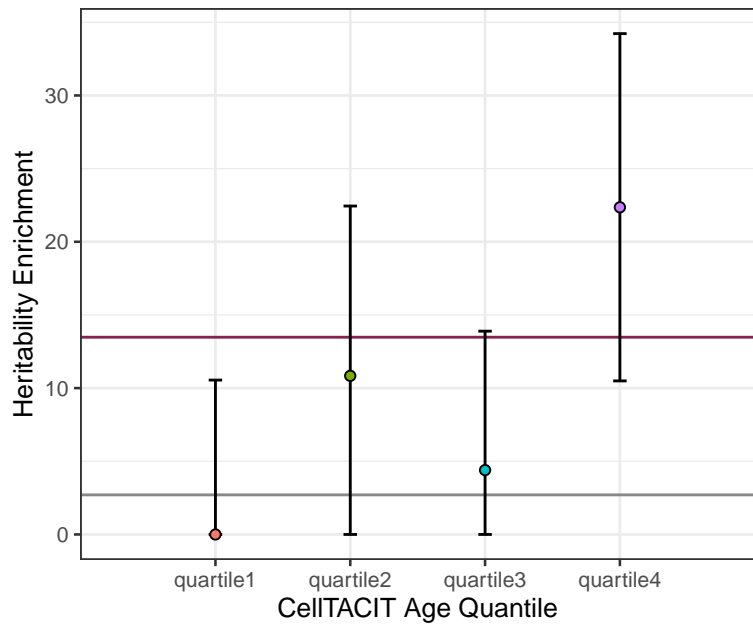
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

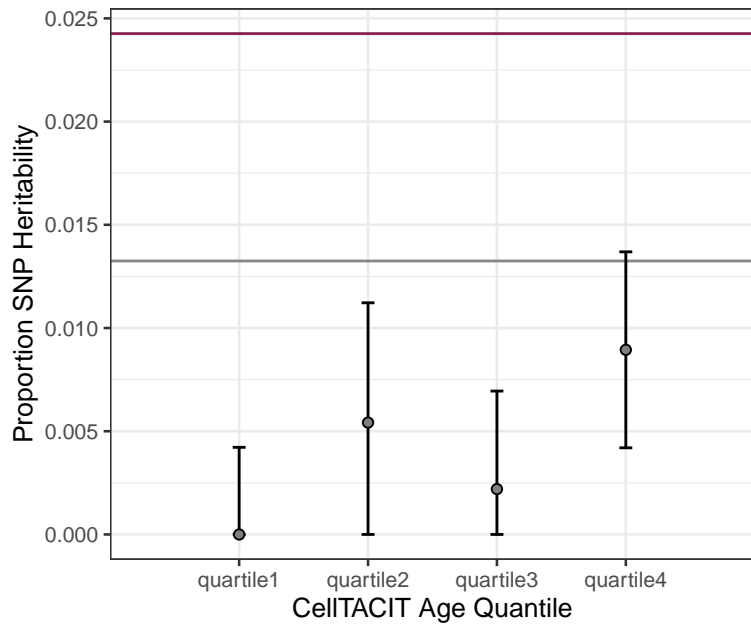
OPC, BMI\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, BMI\_E



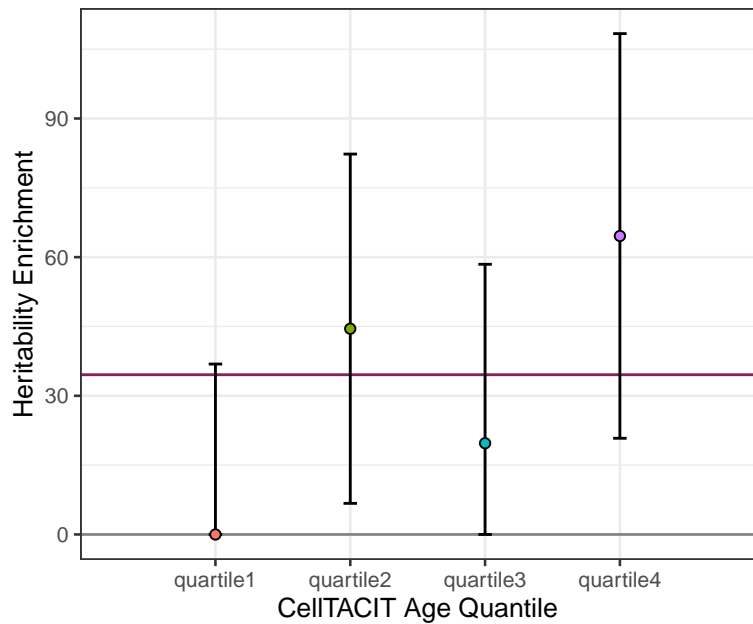
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

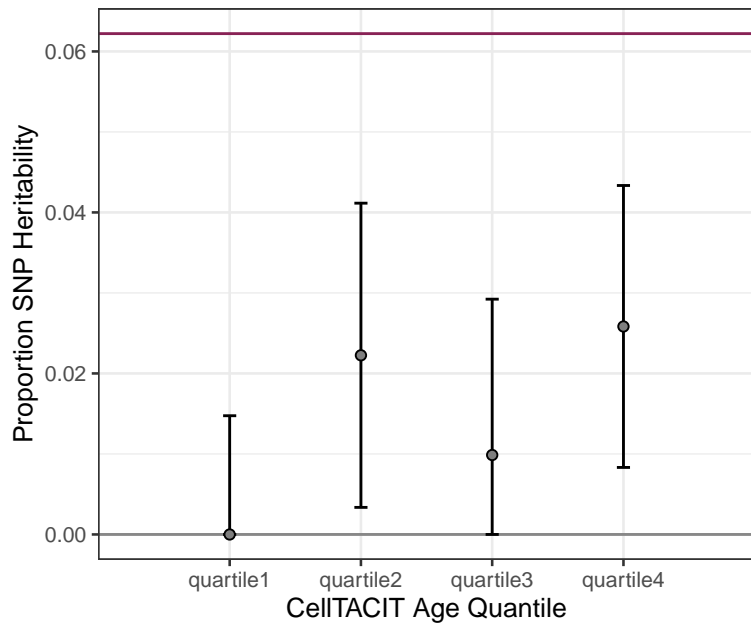
OPC, BrainVol\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, BrainVol\_E



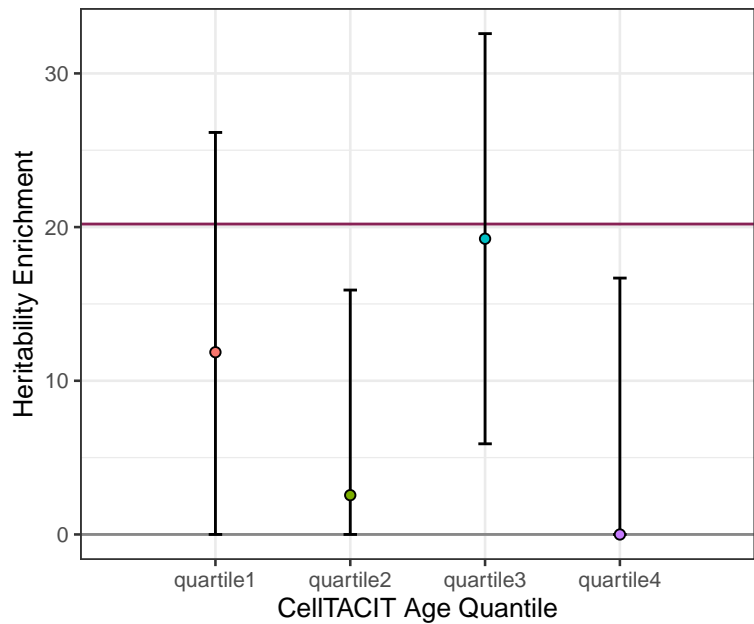
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

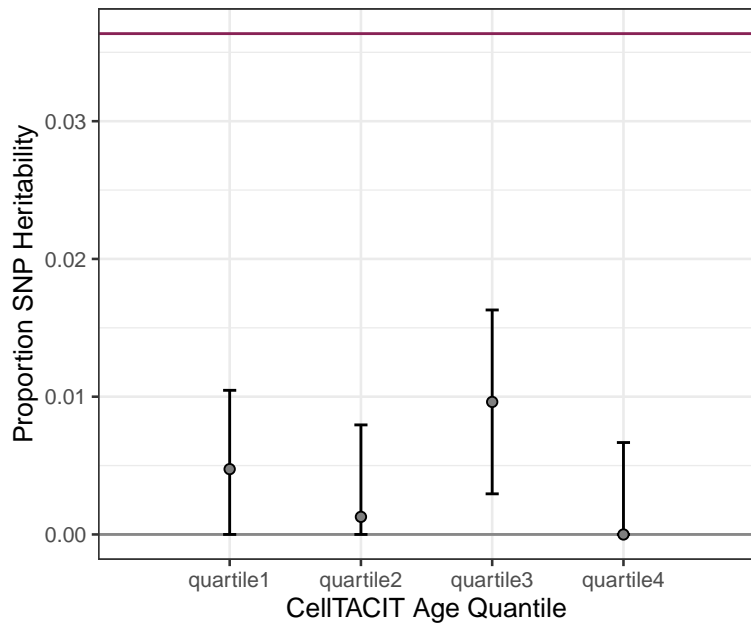
OPC, Neuroticsim\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, Neuroticsim\_E



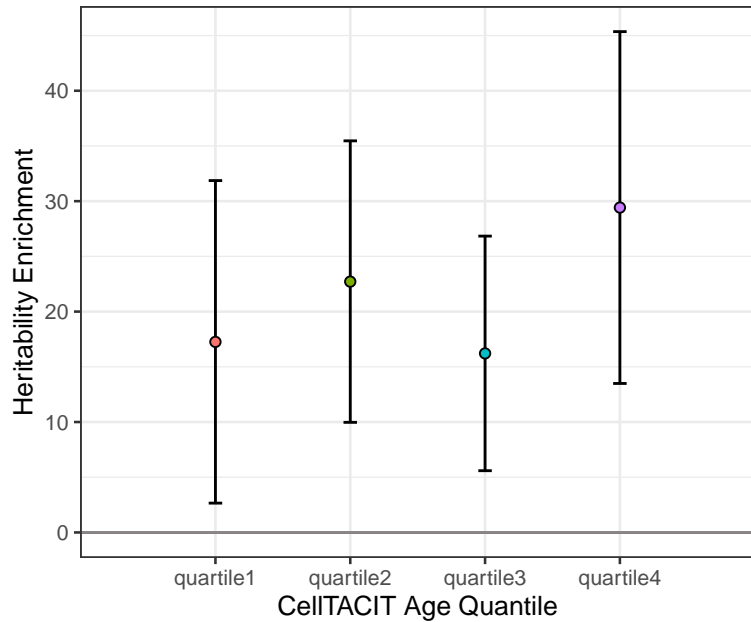
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

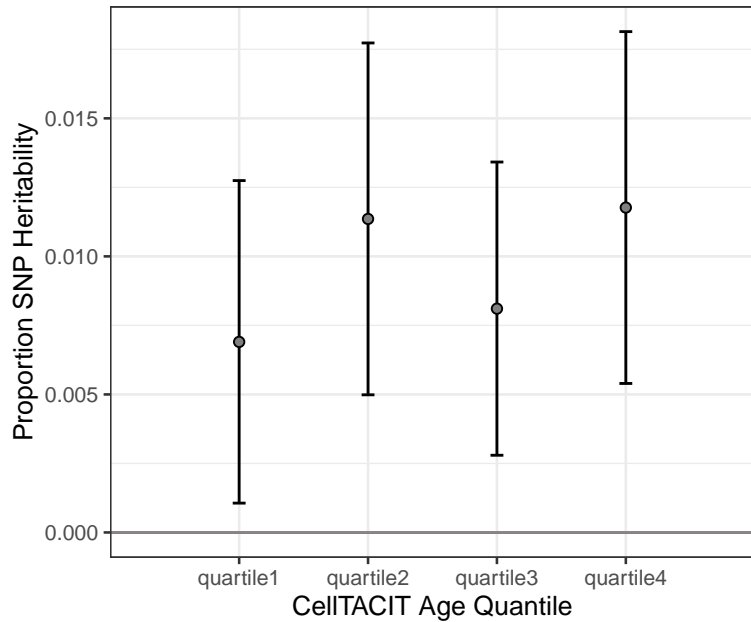
OPC, Intelligence\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, Intelligence\_E



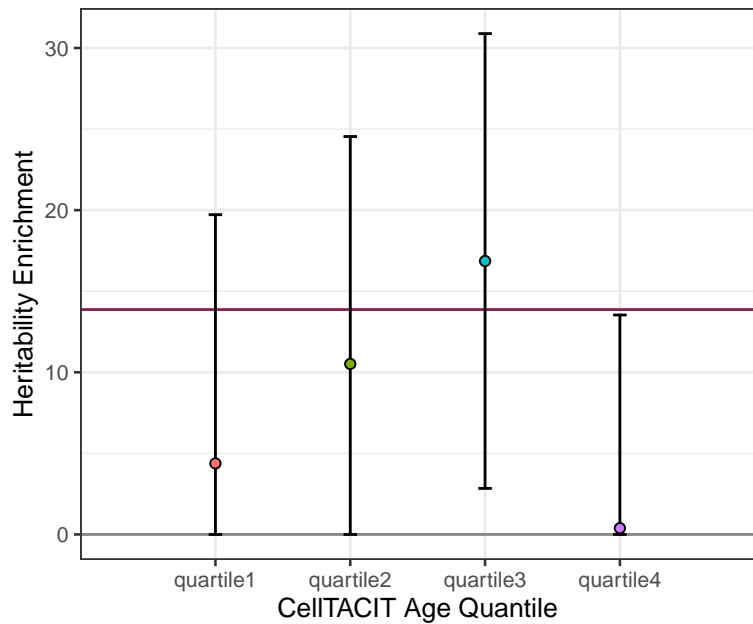
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

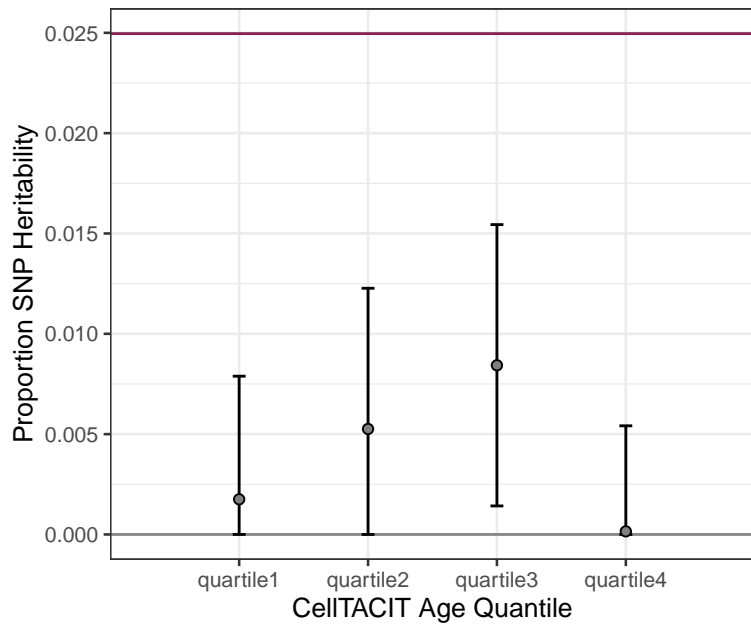
OPC, RiskyBehavior\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, RiskyBehavior\_E



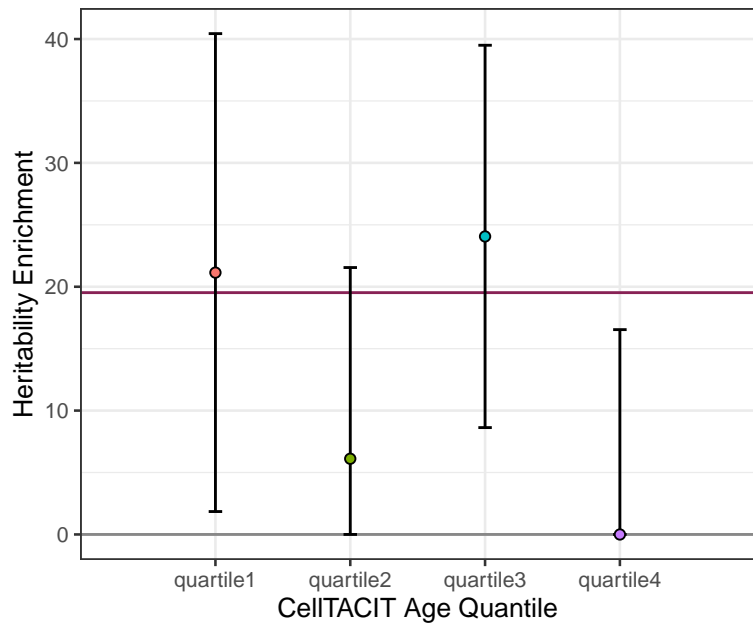
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

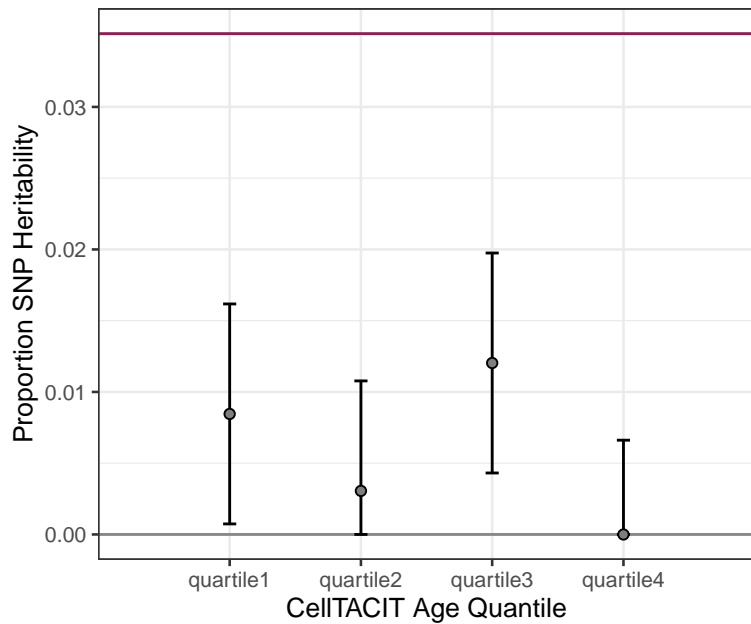
OPC, Worry\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, Worry\_E



Zoonomia

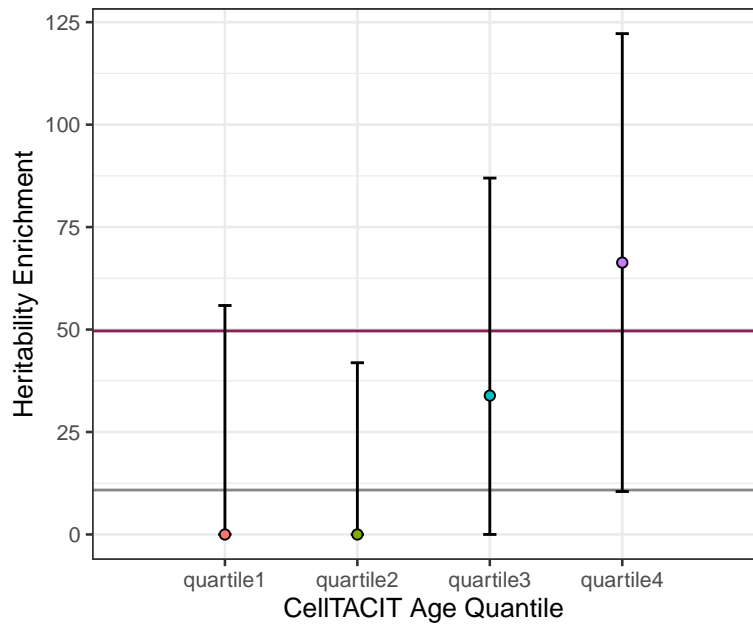
phyloP.Acc phyloP.Con

peaktype

quartile



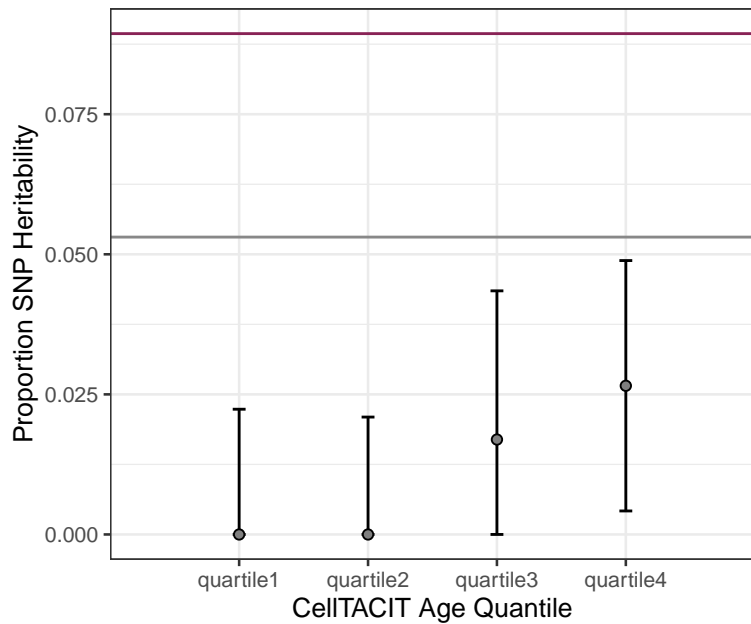
OPC, ChronicPain\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, ChronicPain\_E



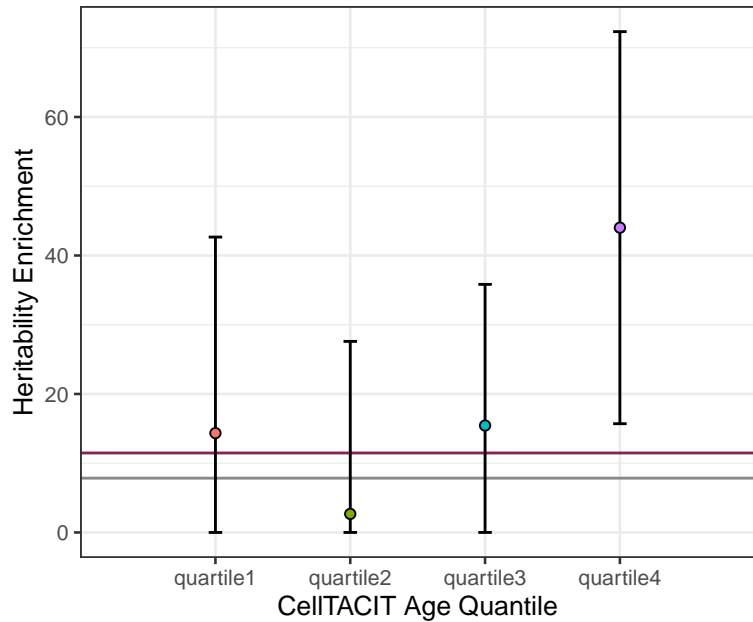
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

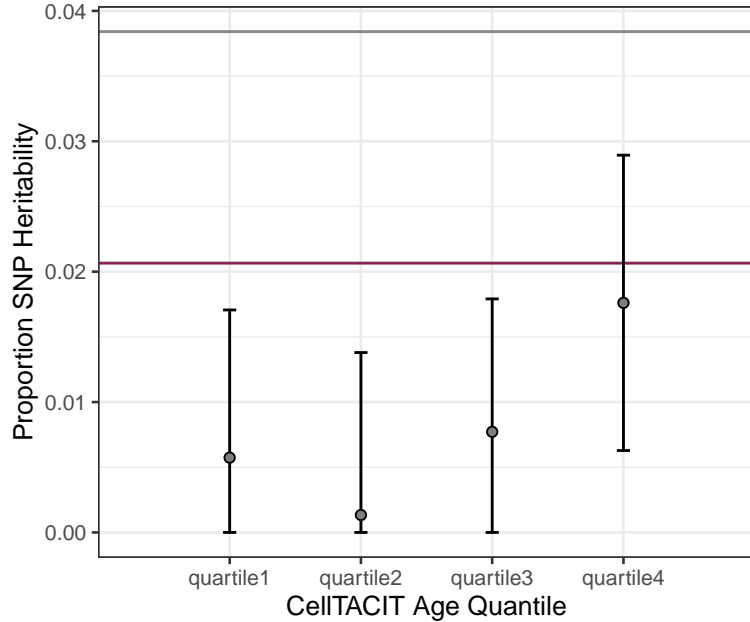
OPC, Headache\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, Headache\_E



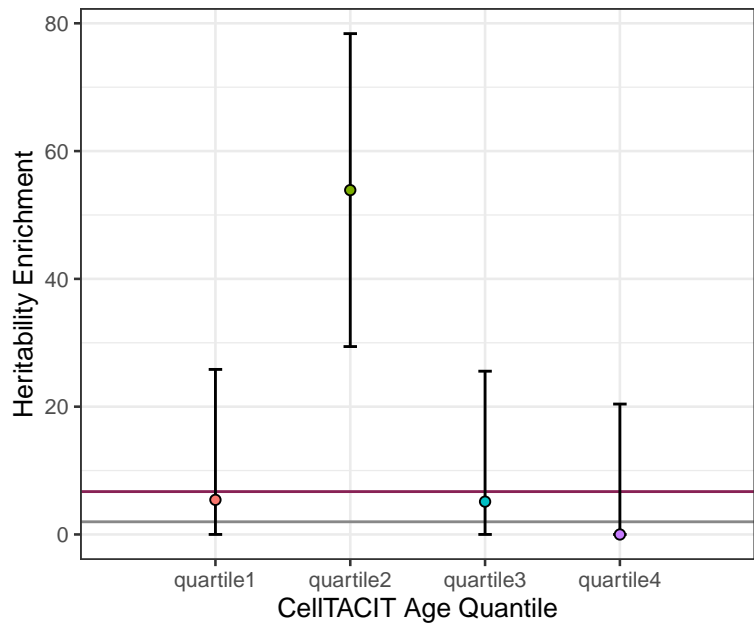
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

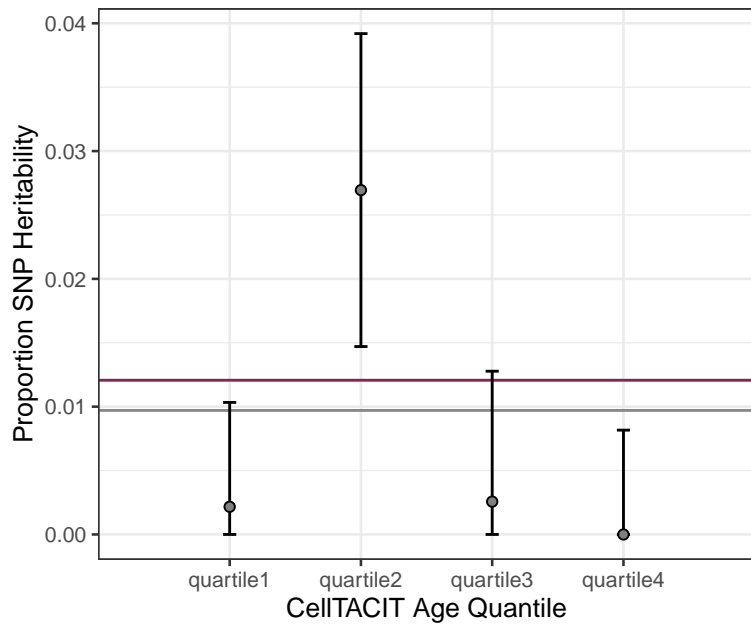
OPC, DaySleepiness\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, DaySleepiness\_E



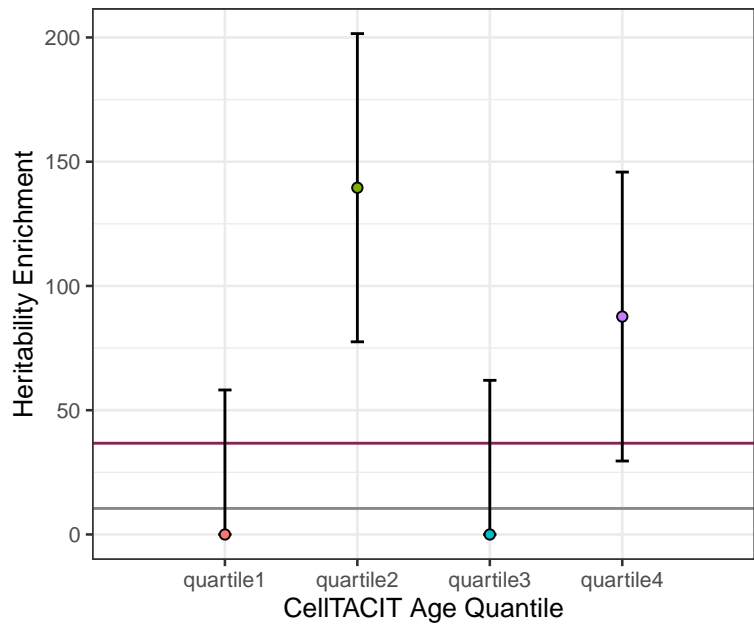
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

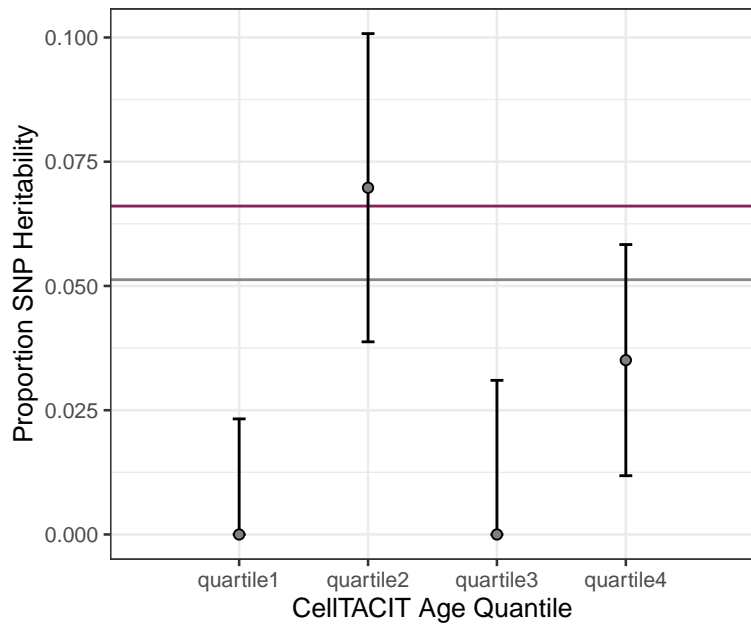
# OPC, Dozing\_E



quantile

quartile1 quartile2 quartile3 quartile4

# OPC, Dozing\_E



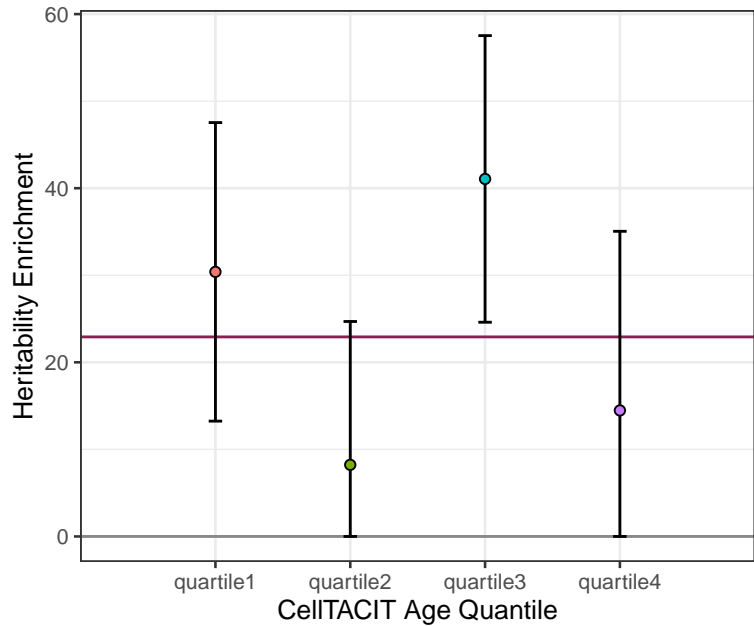
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

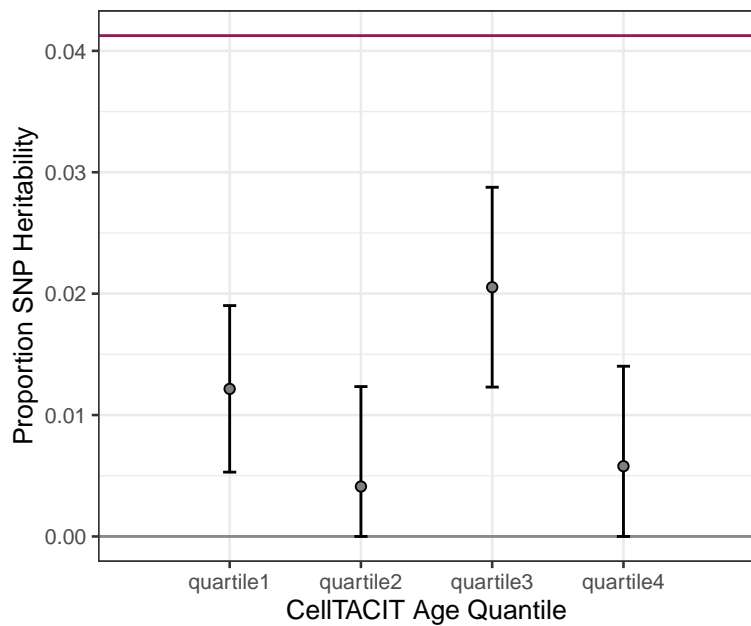
OPC, Gettingup\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, Gettingup\_E



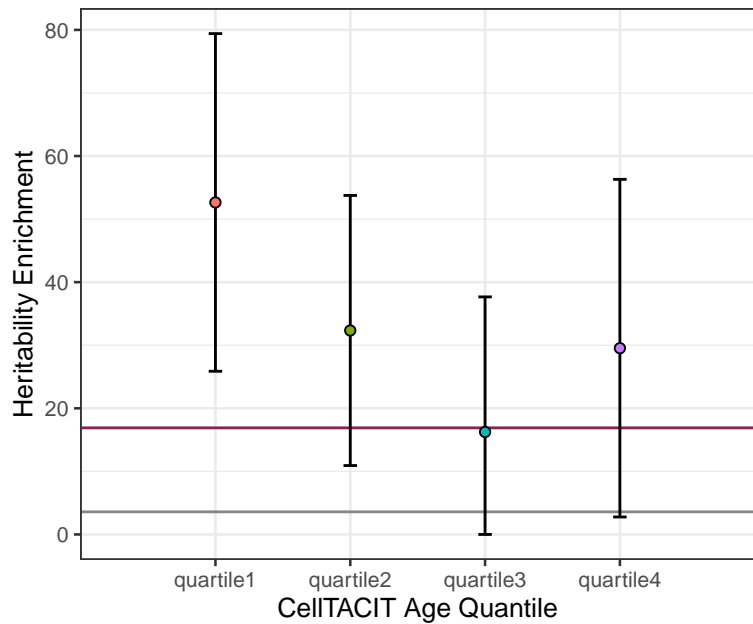
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

OPC, Insomnia\_E



quantile



quartile1



quartile2

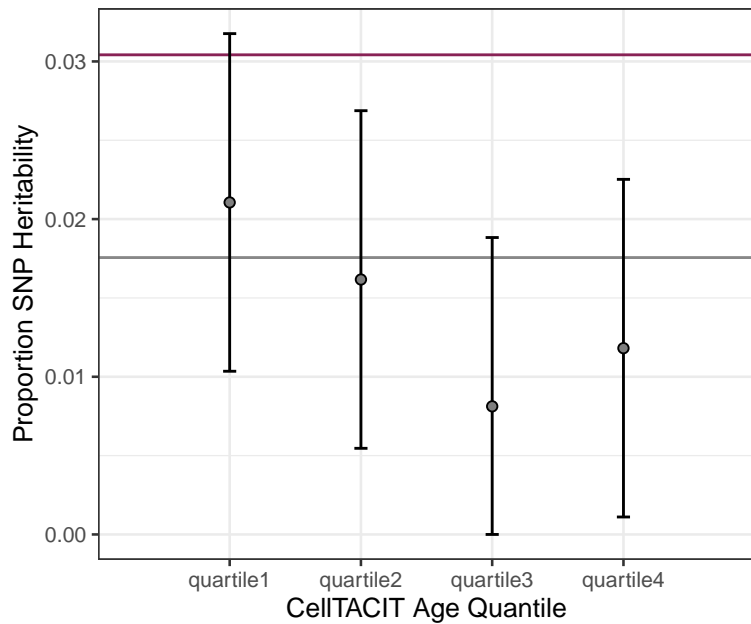


quartile3



quartile4

OPC, Insomnia\_E



Zoonomia



phyloP.Acc



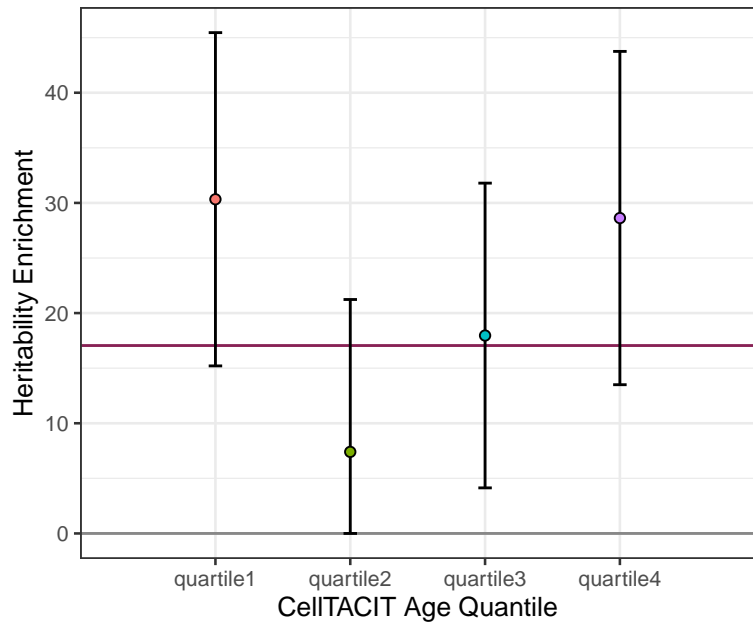
phyloP.Con

peaktype

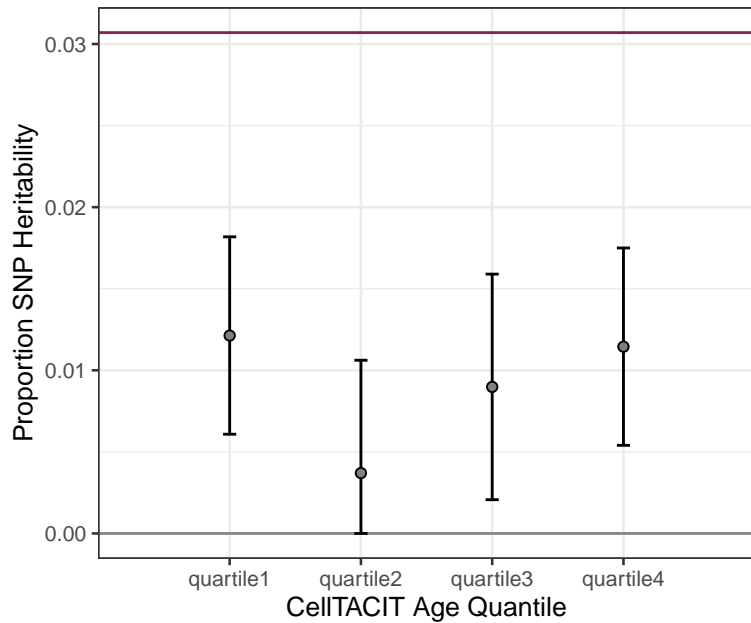


quartile

OPC, Morningness\_E



OPC, Morningness\_E



quartile

quartile1 quartile2 quartile3 quartile4

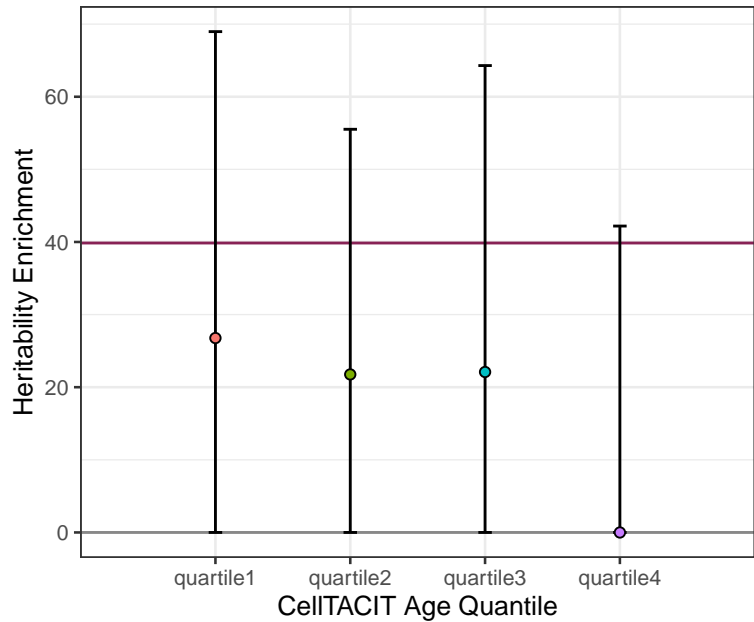
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

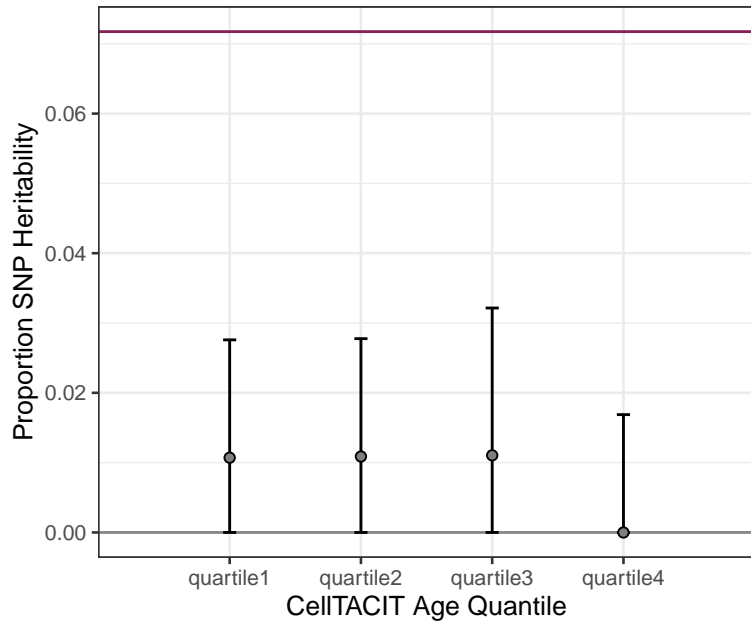
OPC, Napping\_E



quartile

quartile1 quartile2 quartile3 quartile4

OPC, Napping\_E



Zoonomia

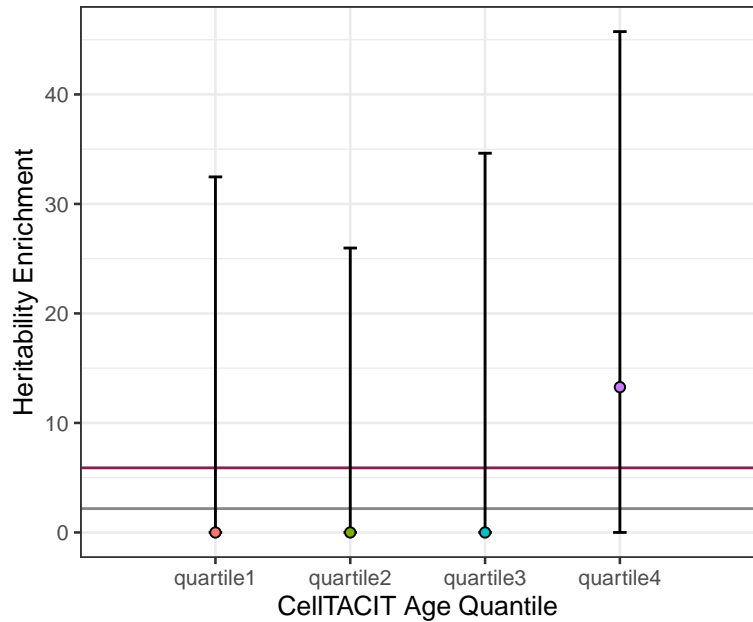
phyloP.Acc phyloP.Con

peaktype

quartile



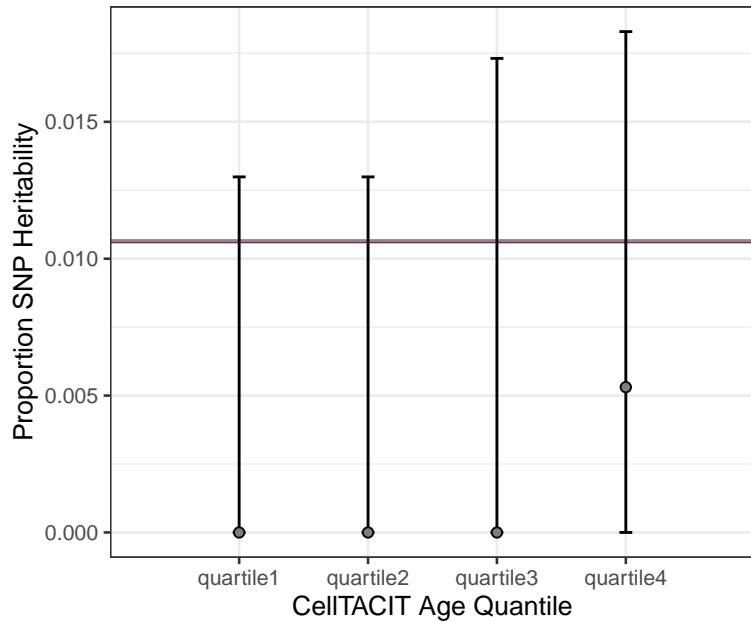
OPC, SleepDurLong\_E



quartile

quartile1 quartile2 quartile3 quartile4

OPC, SleepDurLong\_E



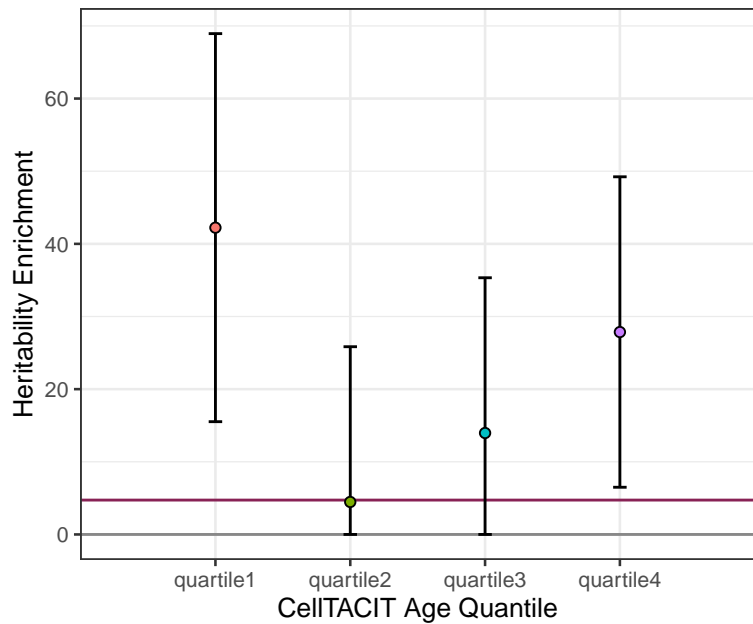
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

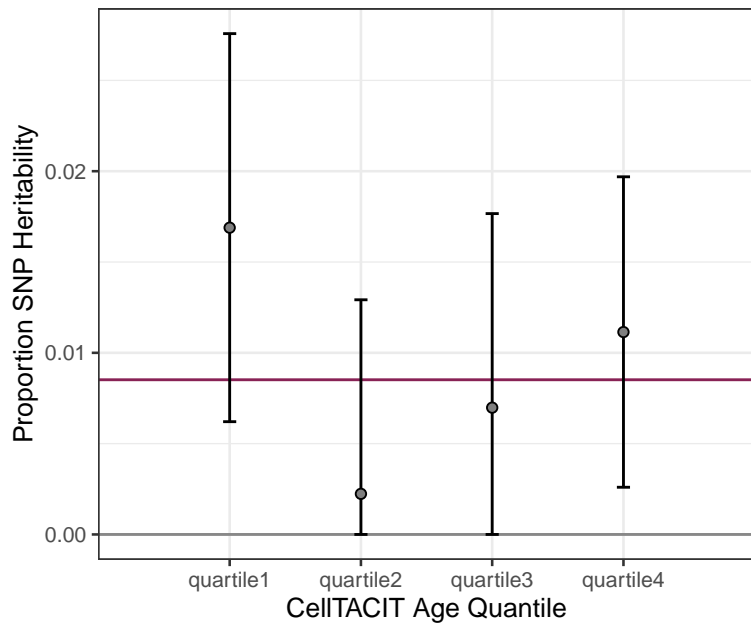
OPC, SleepDurShort\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, SleepDurShort\_E



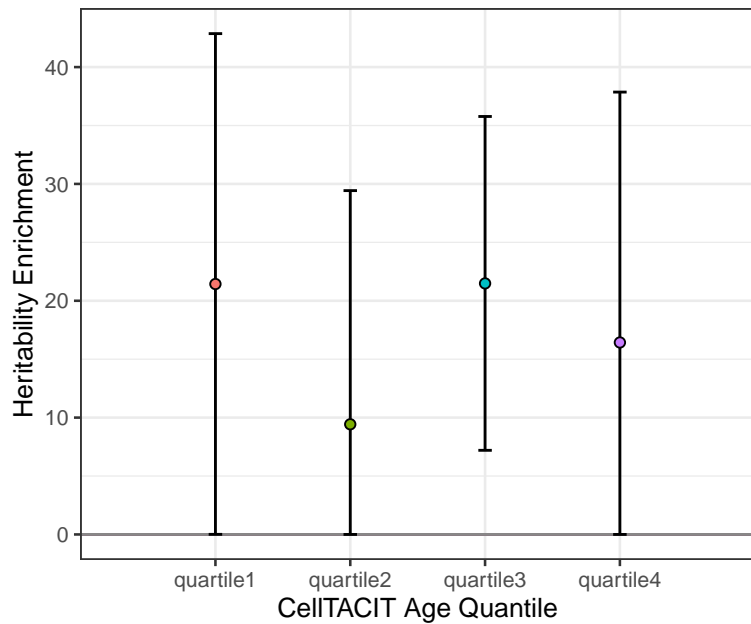
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

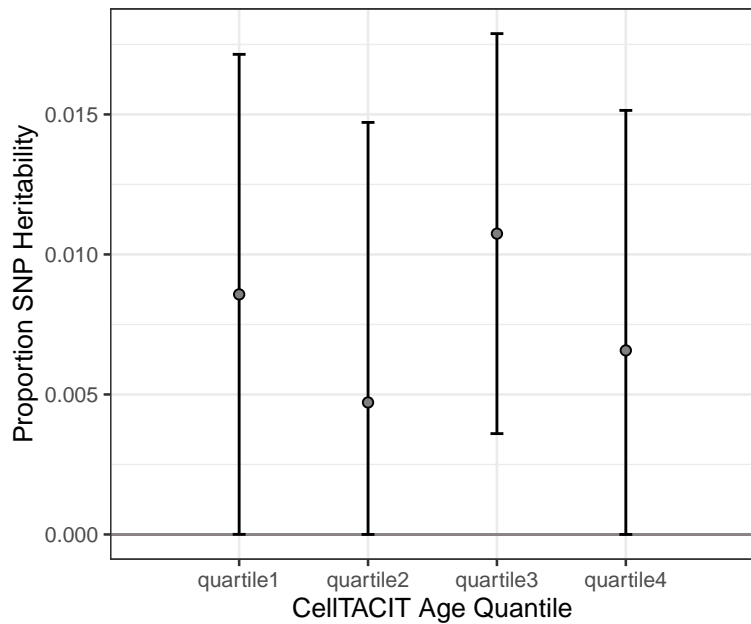
OPC, SleepDurTot\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, SleepDurTot\_E



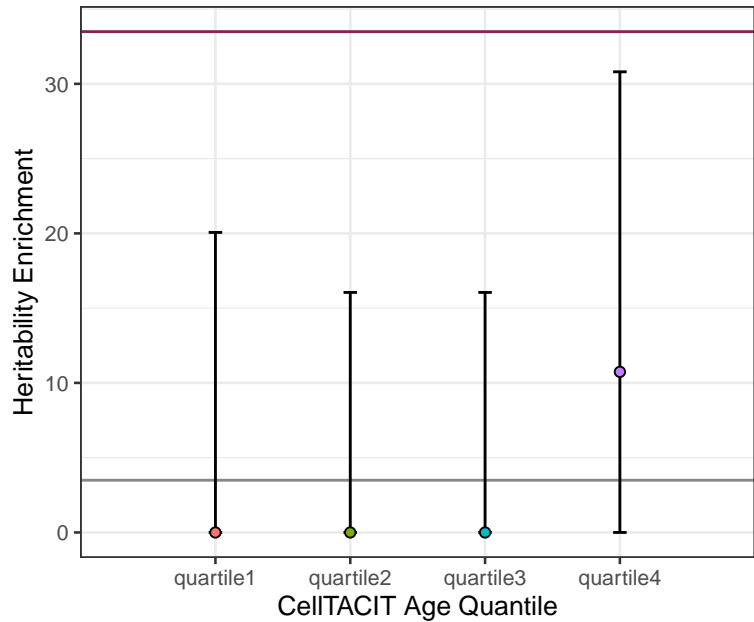
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

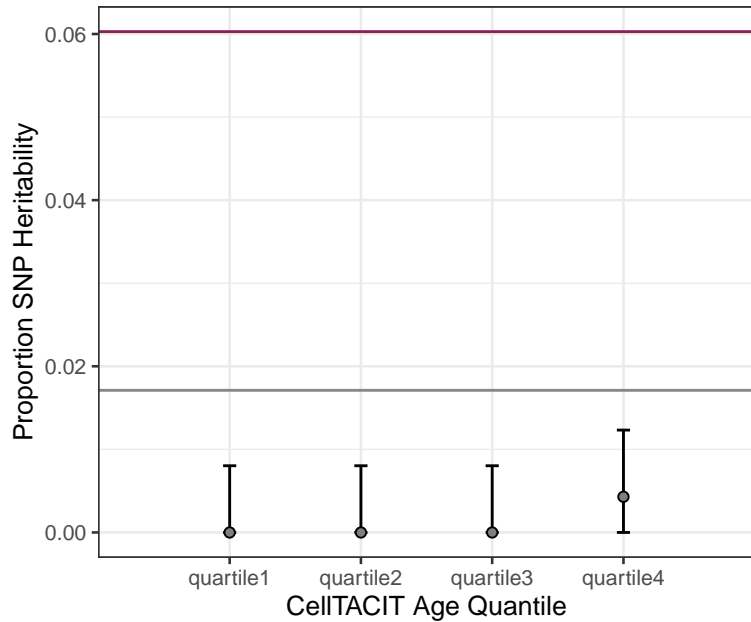
OPC, Snoring\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, Snoring\_E



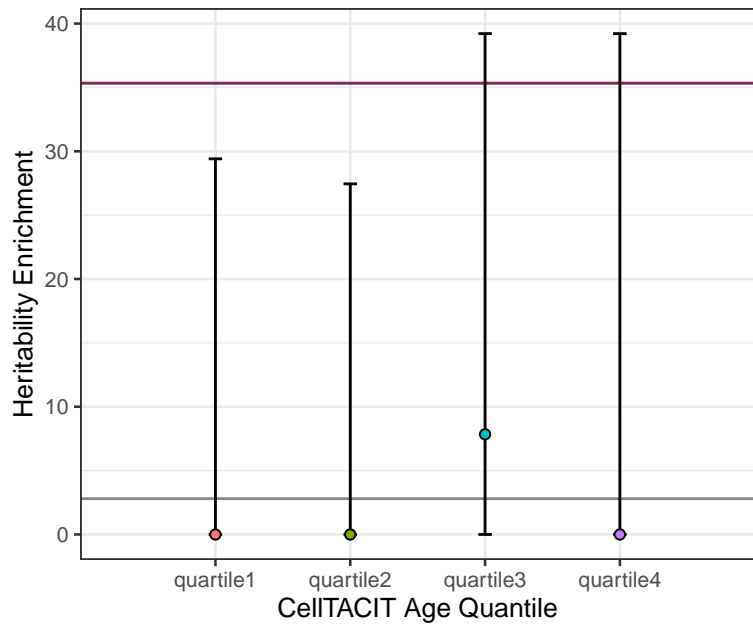
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

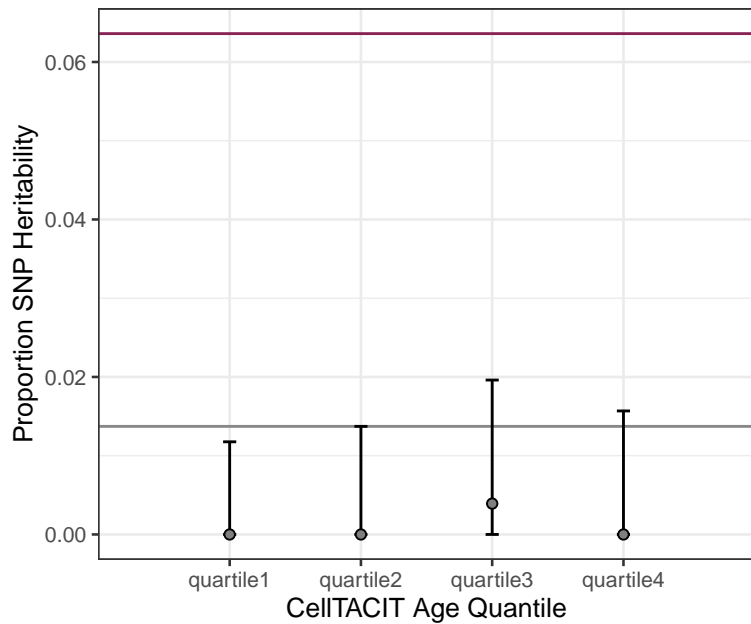
OPC, BloodUrea\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, BloodUrea\_E



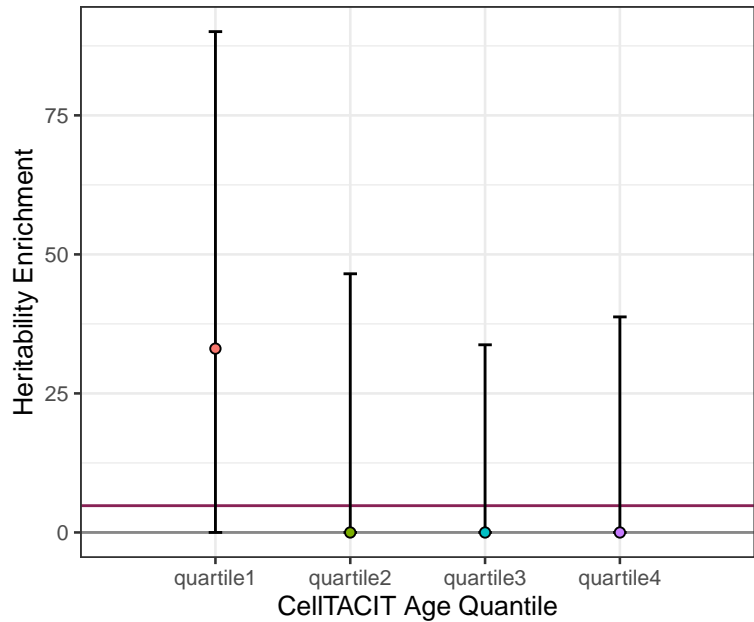
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

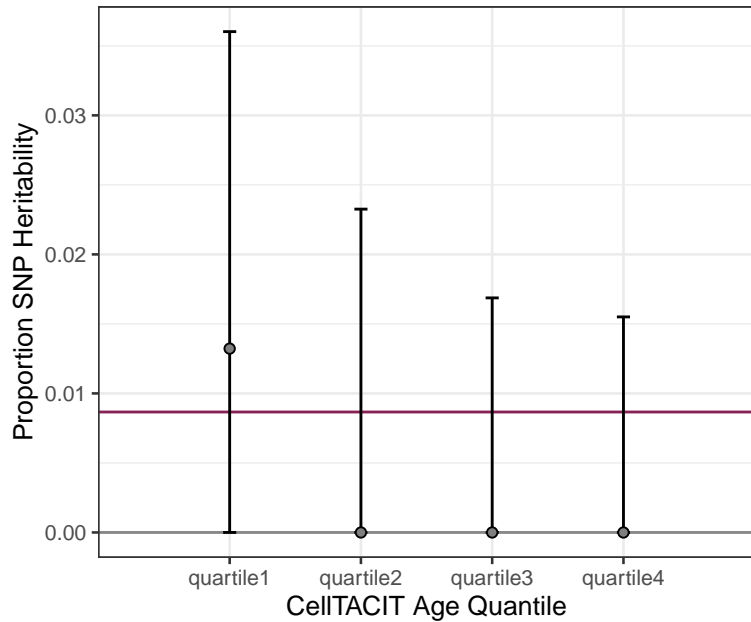
OPC, HDL\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, HDL\_E



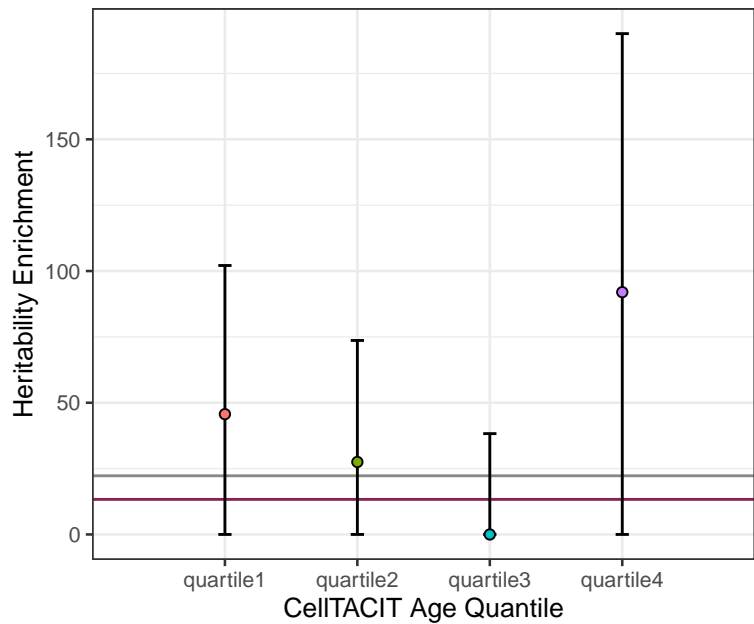
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

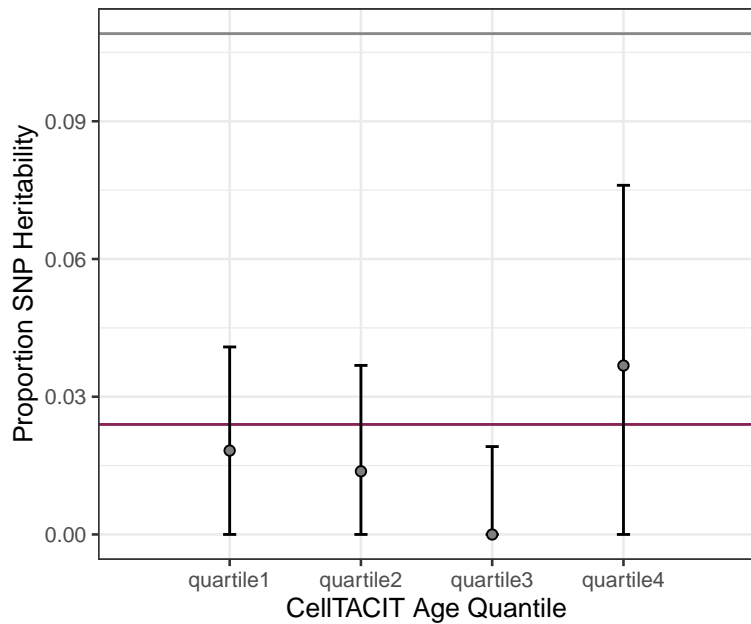
OPC, LDL\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, LDL\_E



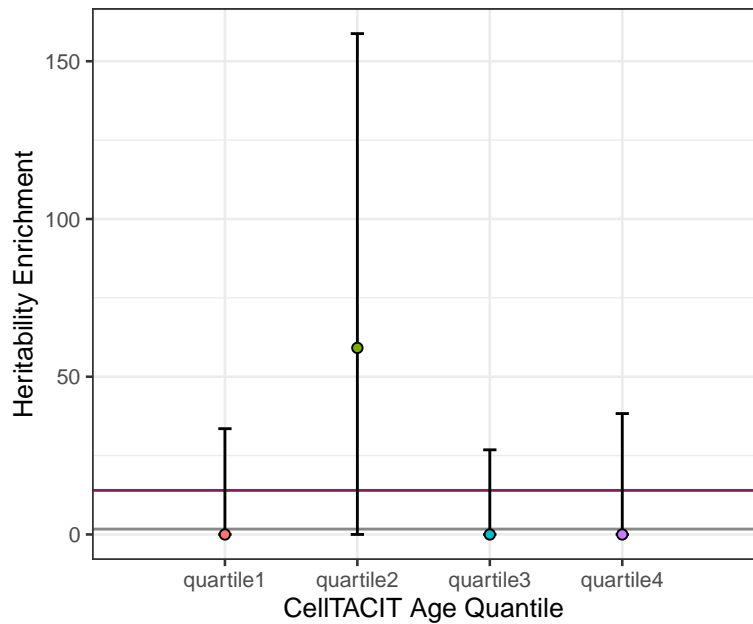
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

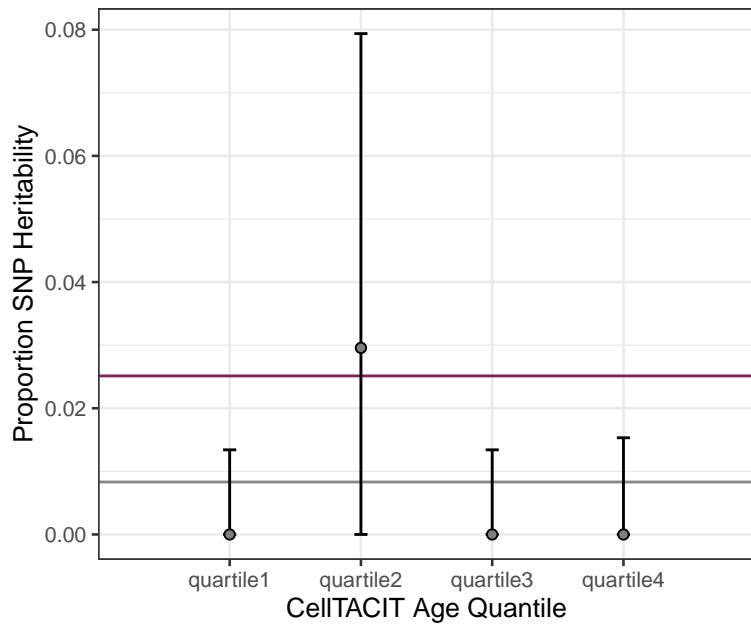
OPC, T2Diabetes\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, T2Diabetes\_E



Zoonomia

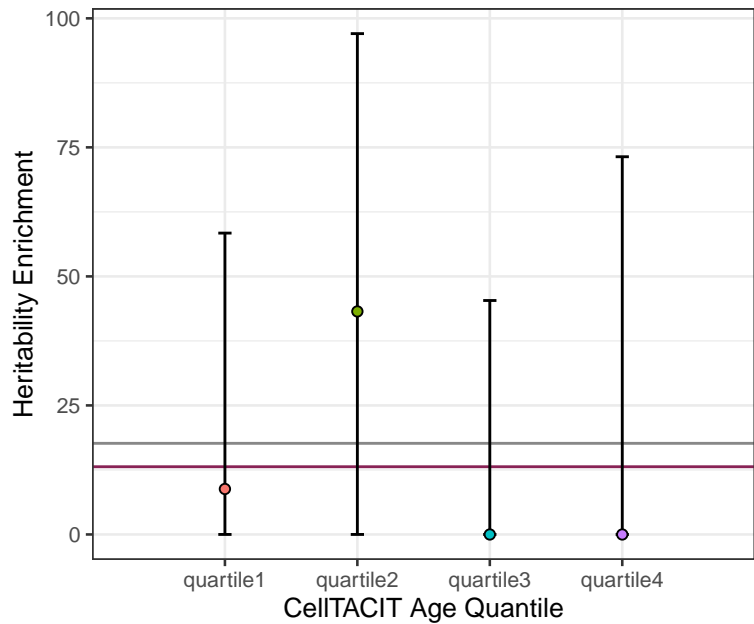
phyloP.Acc phyloP.Con

peaktype

quartile



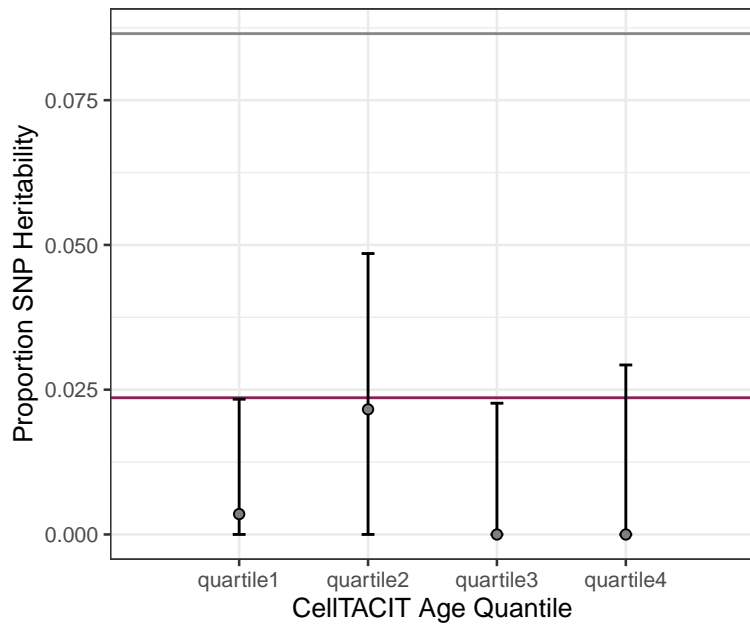
OPC, TotCholesterol\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, TotCholesterol\_E



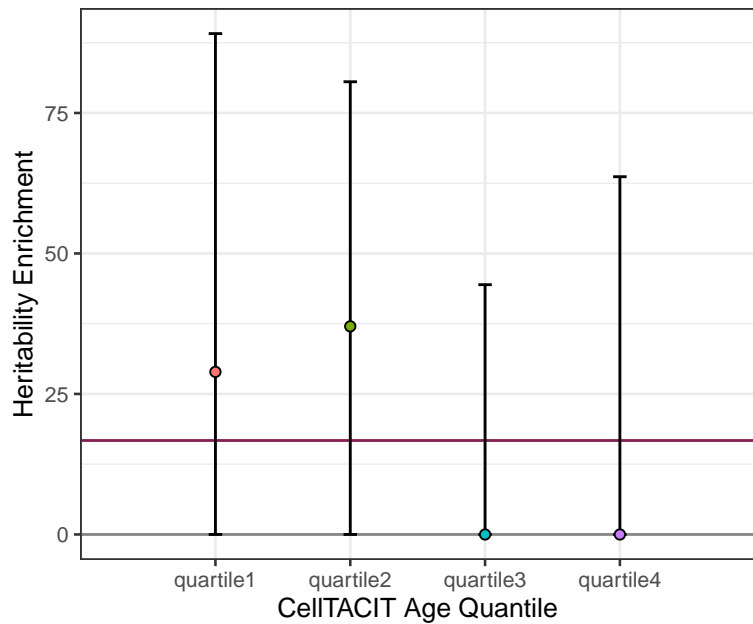
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

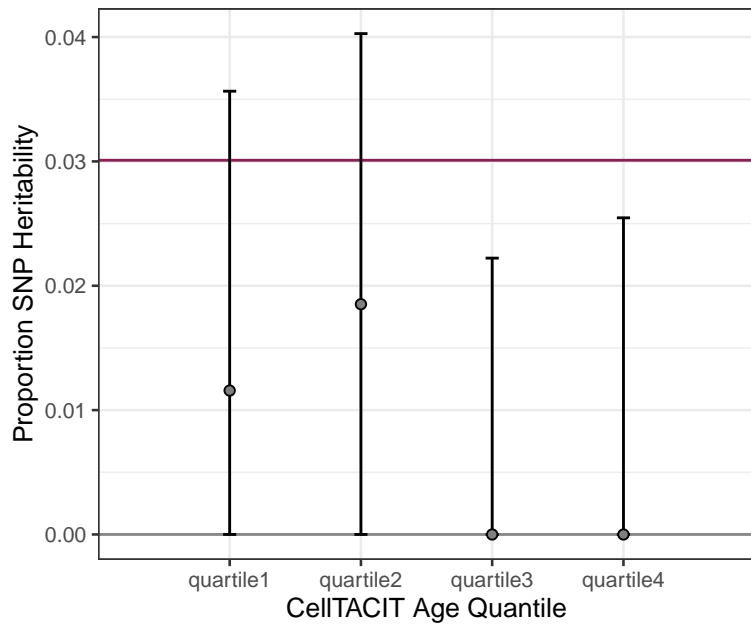
OPC, Triglycerides\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, Triglycerides\_E



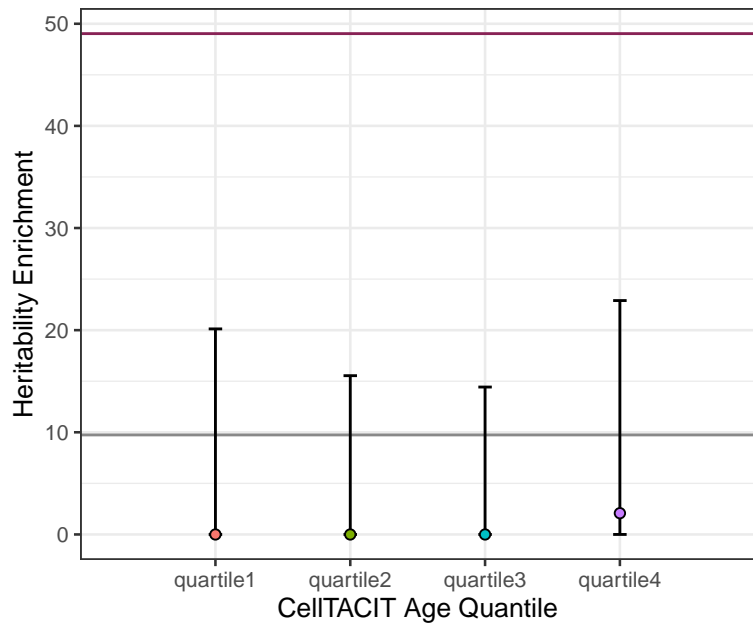
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

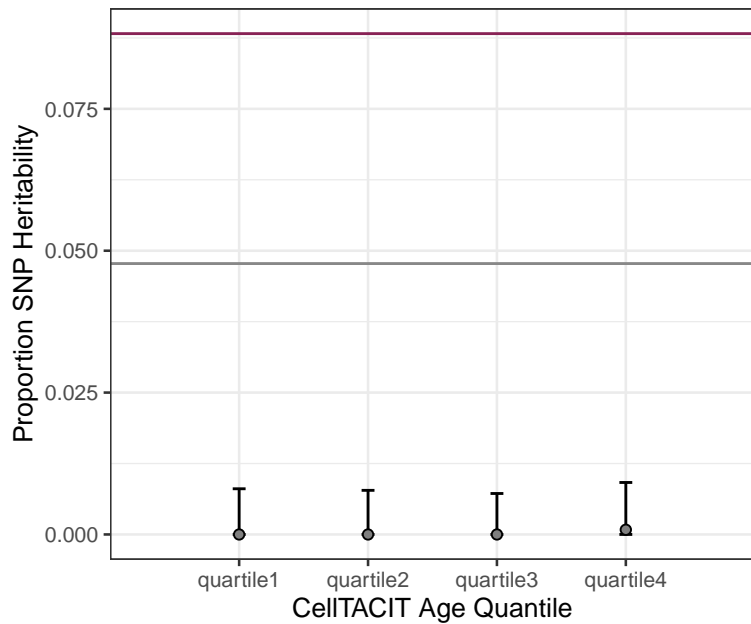
OPC, BMD\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, BMD\_E



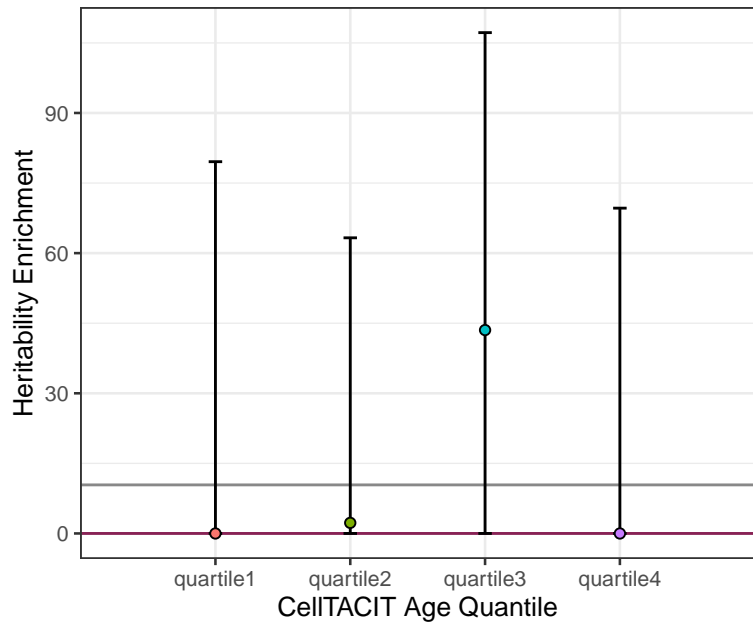
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

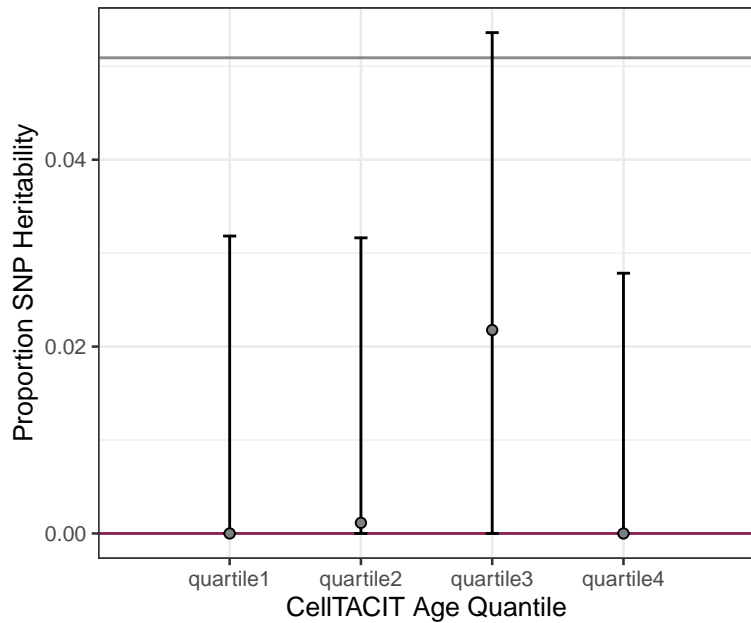
OPC, CAD\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, CAD\_E



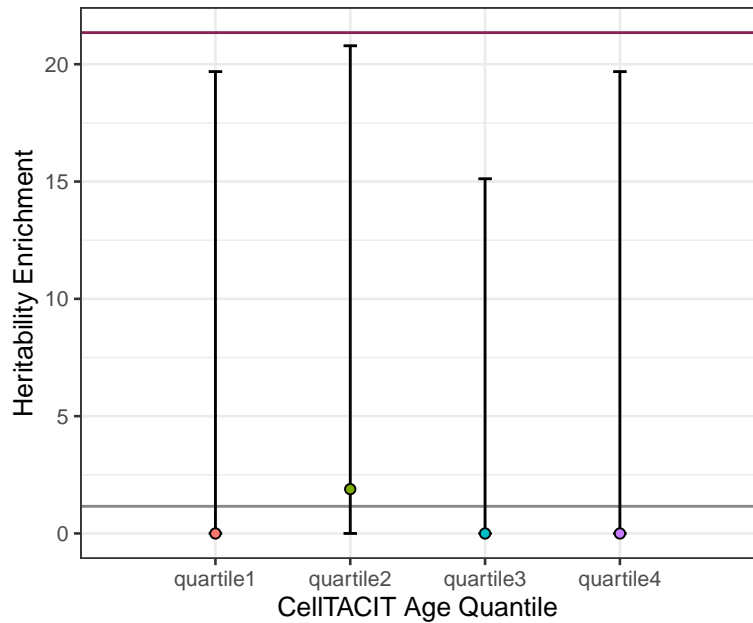
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

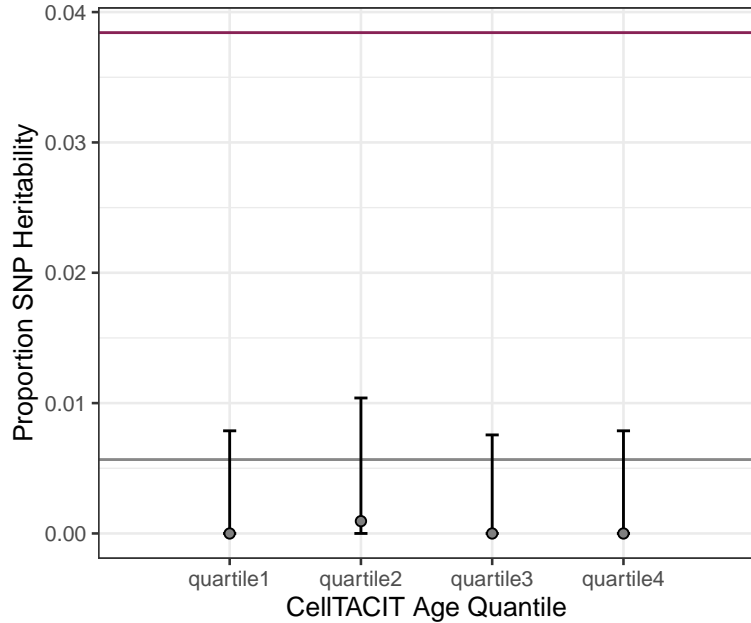
OPC, Height\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, Height\_E



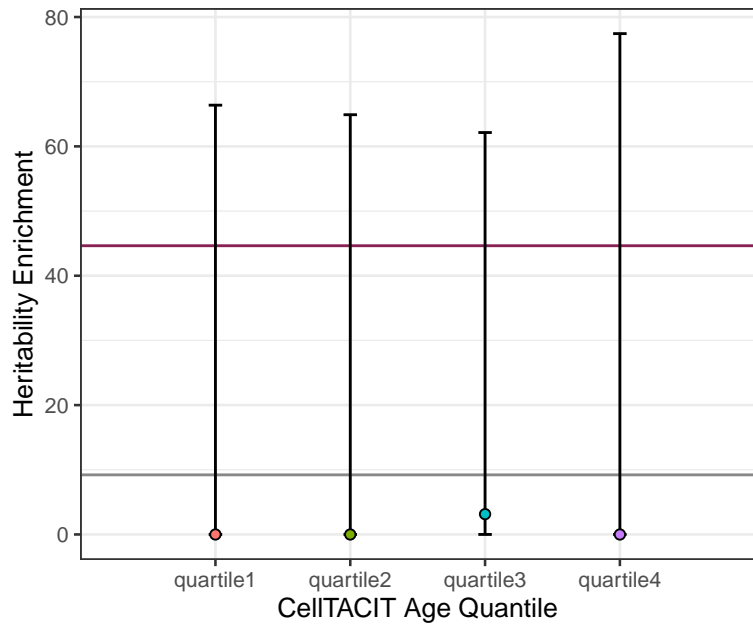
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

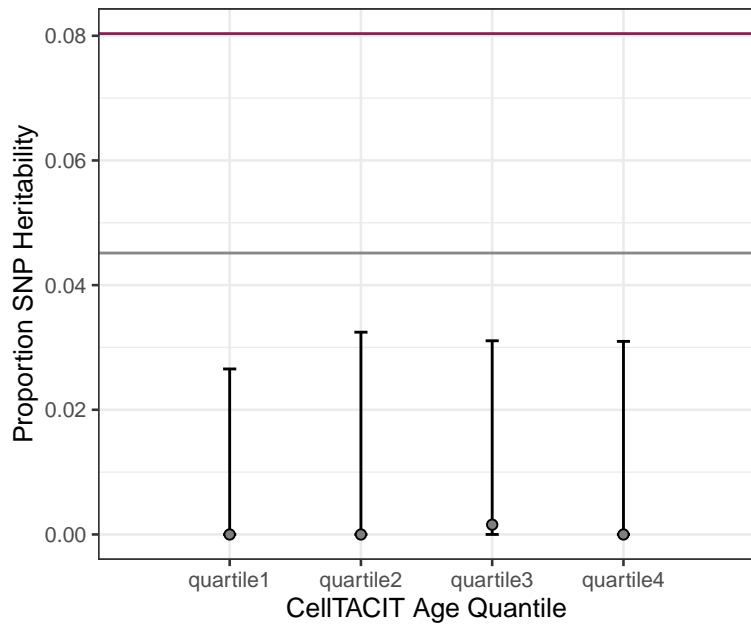
OPC, LBM\_E



quantile

quartile1 quartile2 quartile3 quartile4

OPC, LBM\_E



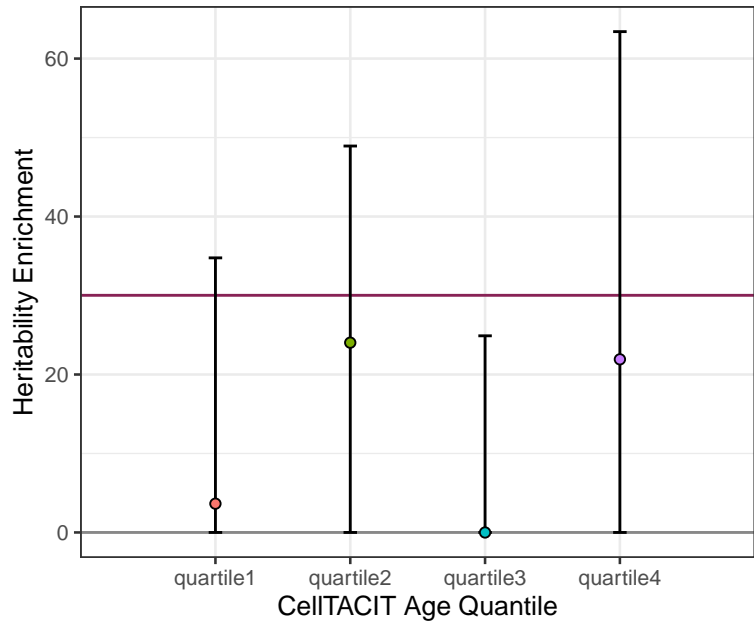
Zoonomia

phyloP.Acc phyloP.Con

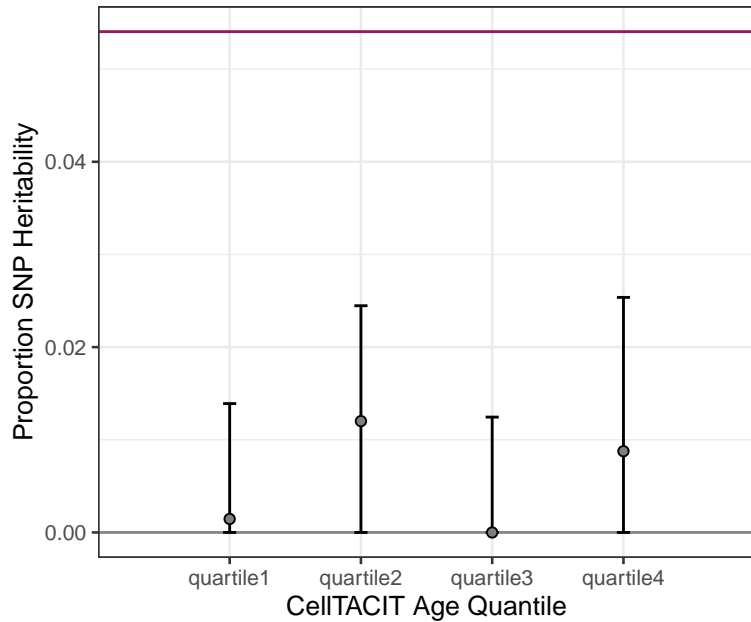
peaktype

quartile

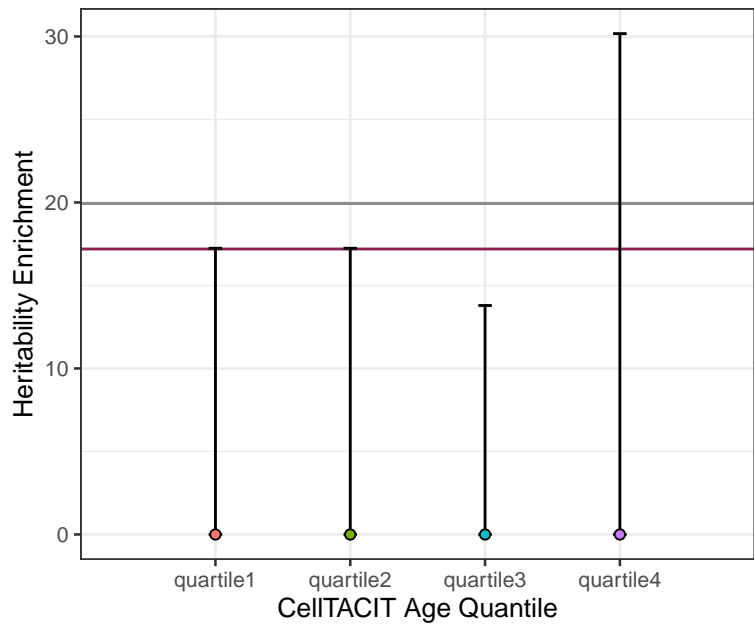
OPC, Longevity\_E



OPC, Longevity\_E

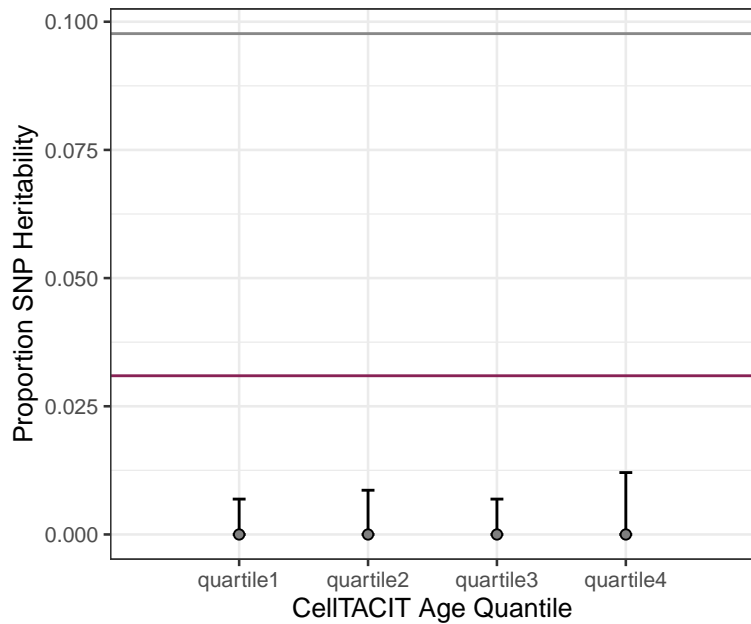


OPC, WHRadjBMI\_E



quantile  
● quartile1 ● quartile2 ● quartile3 ● quartile4

OPC, WHRadjBMI\_E



Zoonomia  
— phyloP.Acc — phyloP.Con  
 peaktype  
 quartile