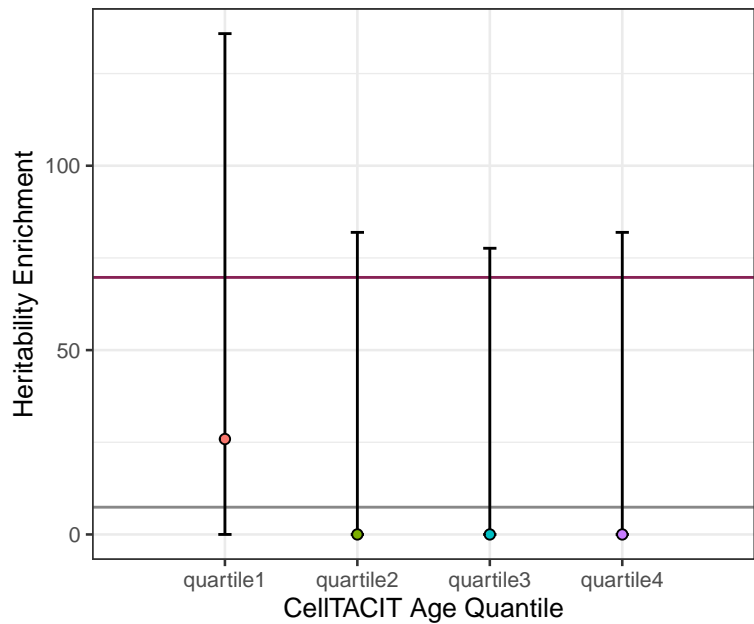


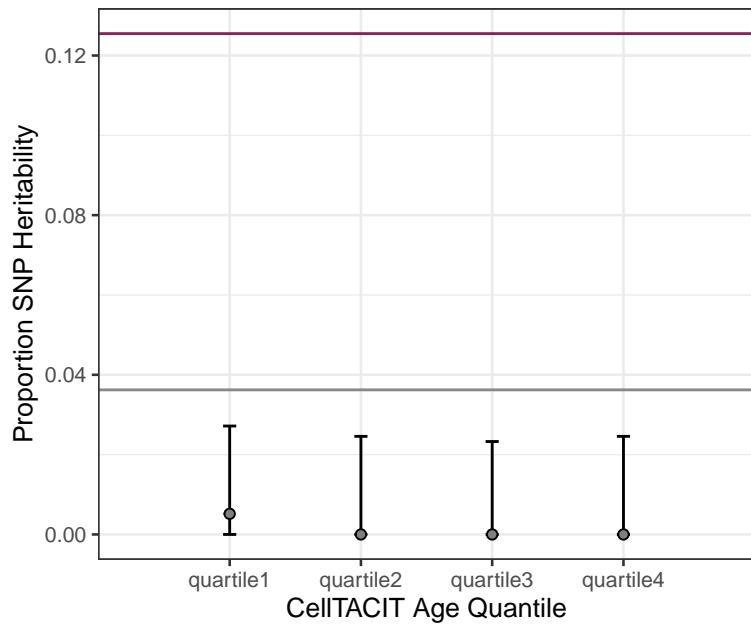
Astro, AD\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, AD\_E



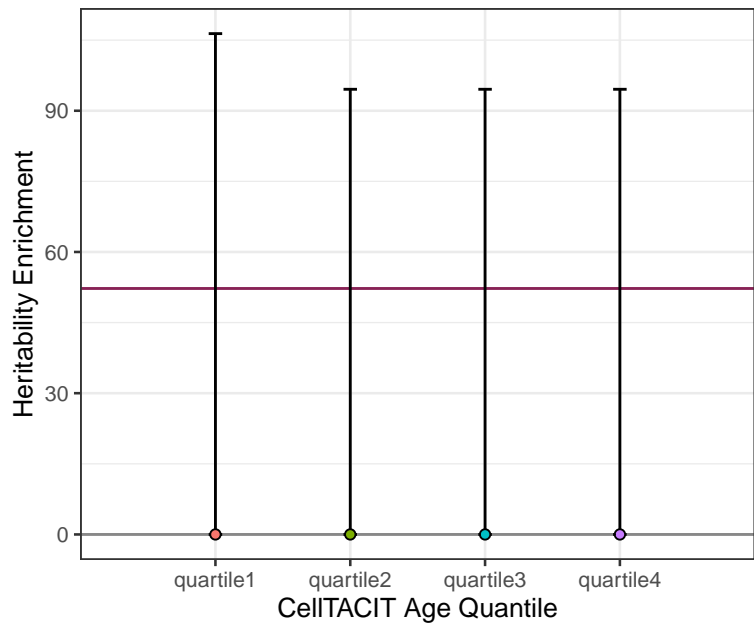
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

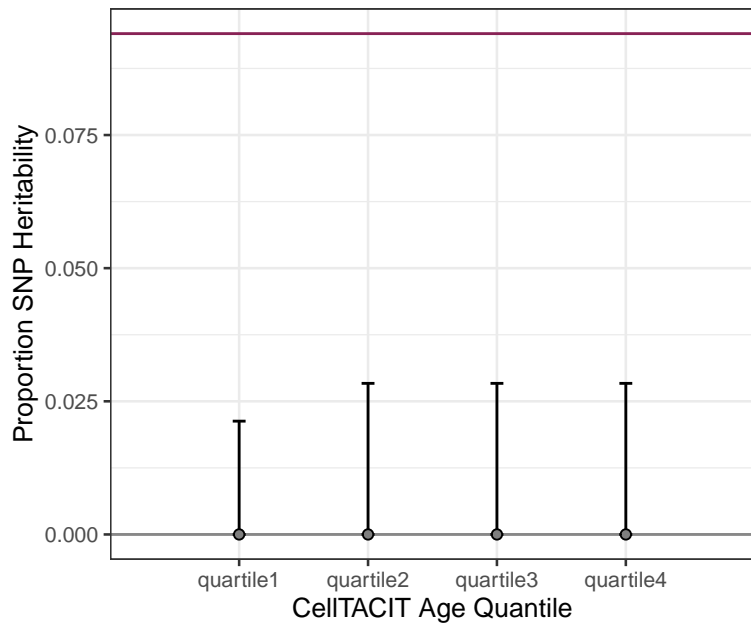
Astro, AD-ADBP\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, AD-ADBP\_E



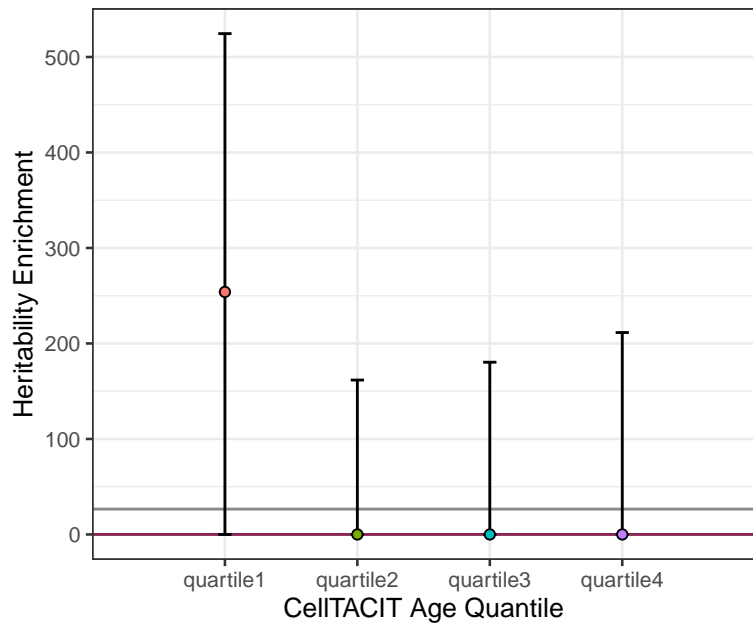
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

Astro, ALS\_E



quantile



quartile1



quartile2

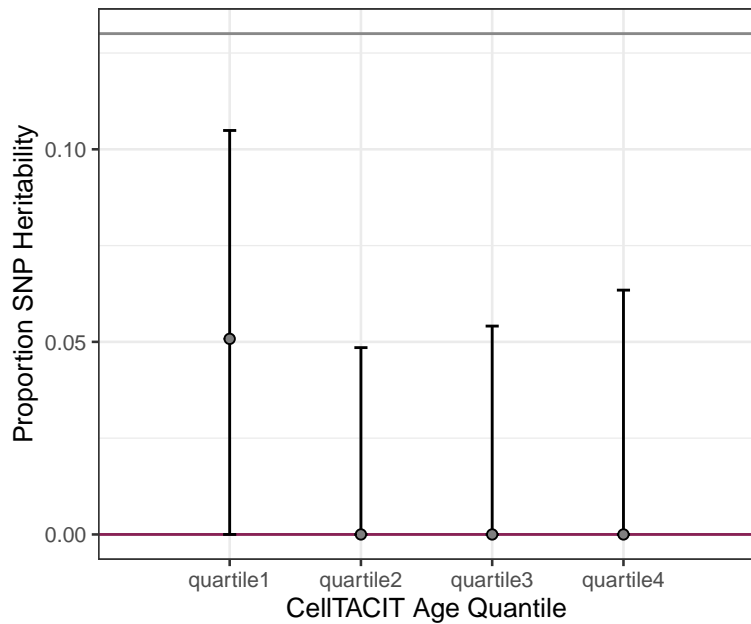


quartile3



quartile4

Astro, ALS\_E



Zoonomia



phyloP.Acc



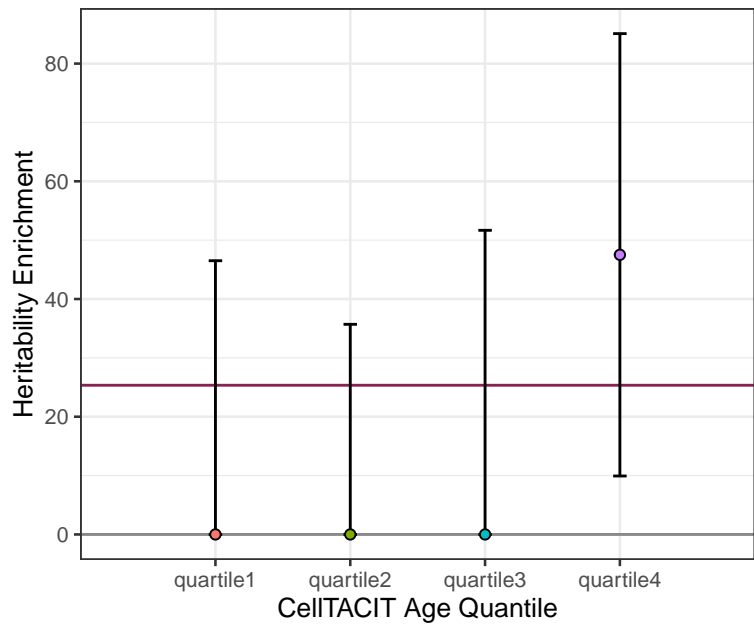
phyloP.Con

peaktype



quartile

Astro, AMD\_E



quantile



quartile1



quartile2

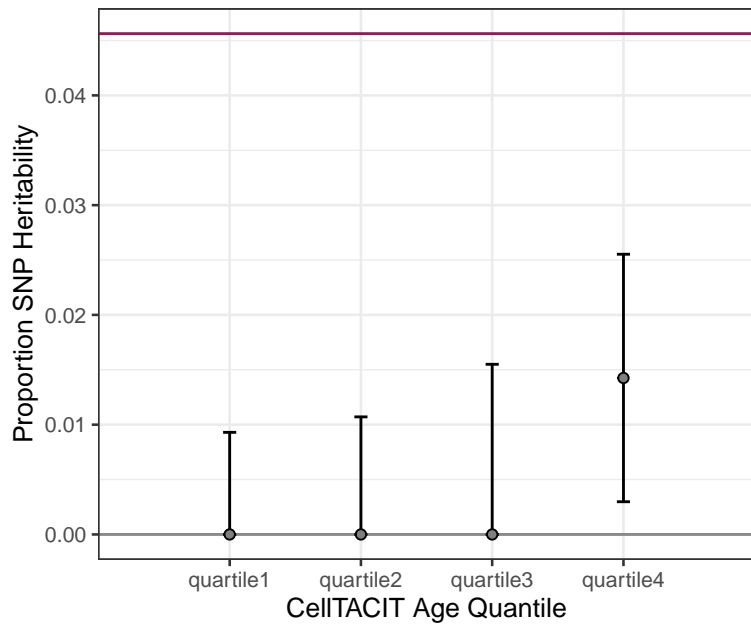


quartile3



quartile4

Astro, AMD\_E



Zoonomia



phyloP.Acc



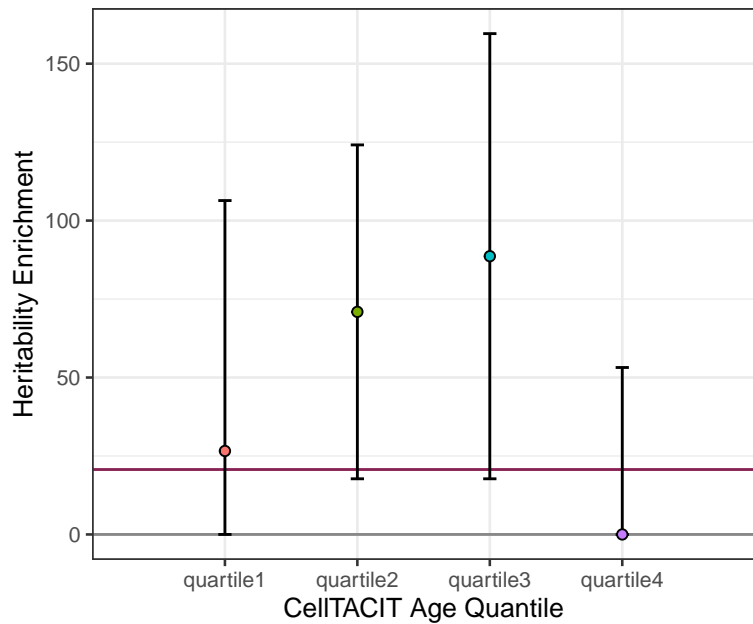
phyloP.Con

peaktype



quartile

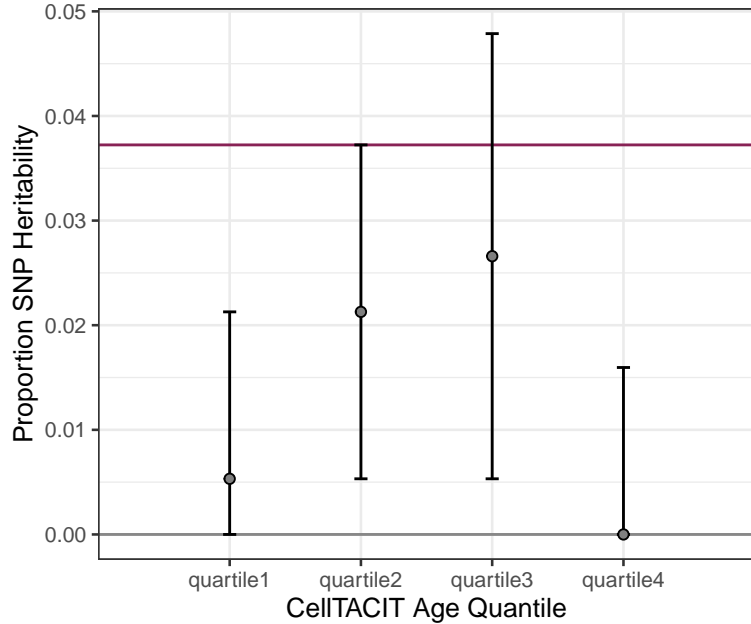
Astro, PD-PDBP\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, PD-PDBP\_E



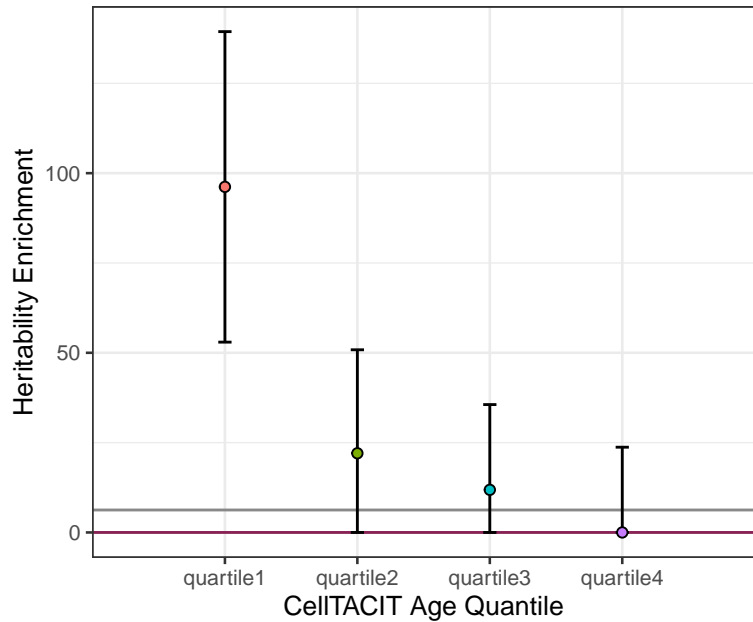
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

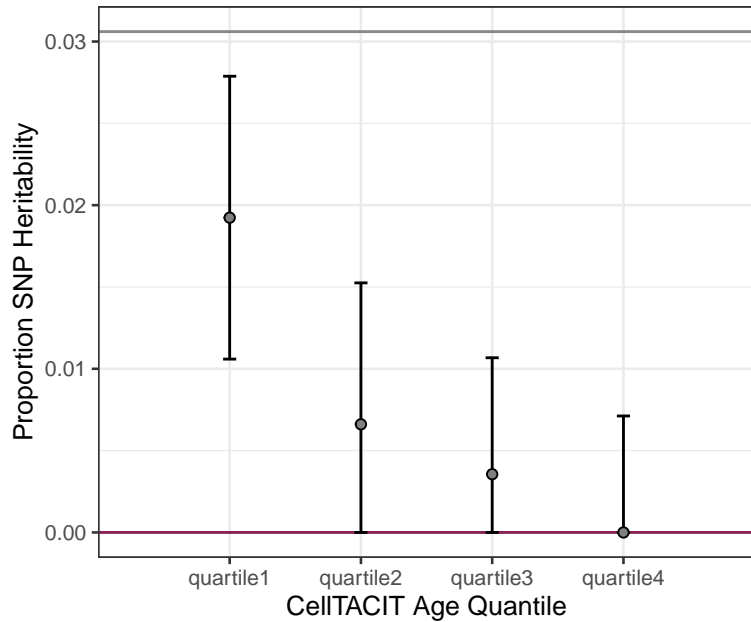
Astro, Cross-Psych\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, Cross-Psych\_E



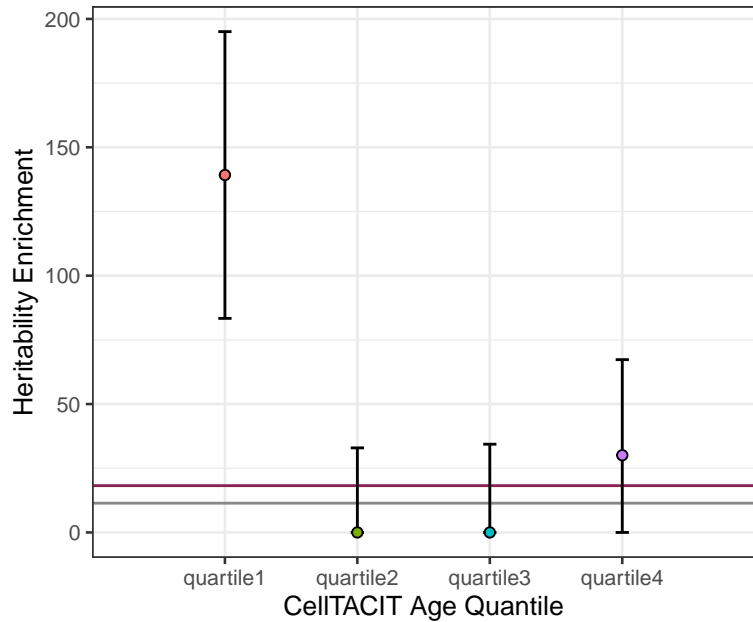
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

Astro, ADHD\_E



quantile



quartile1



quartile2

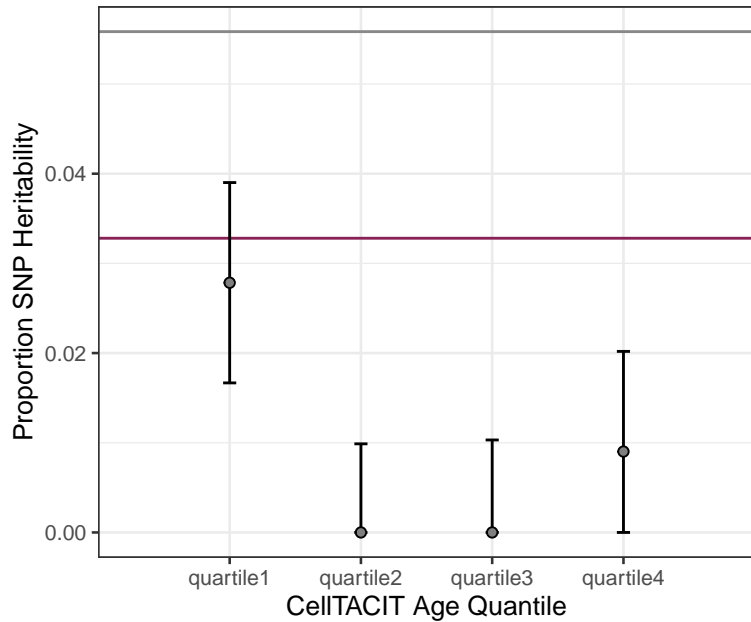


quartile3



quartile4

Astro, ADHD\_E



Zoonomia



phyloP.Acc



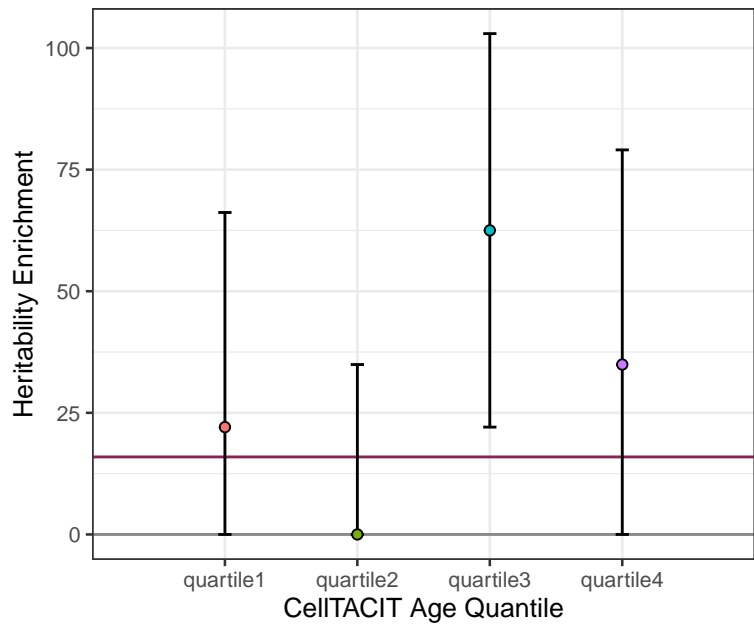
phyloP.Con

peaktype



quartile

Astro, Anorexia\_E



quantile



quartile1



quartile2

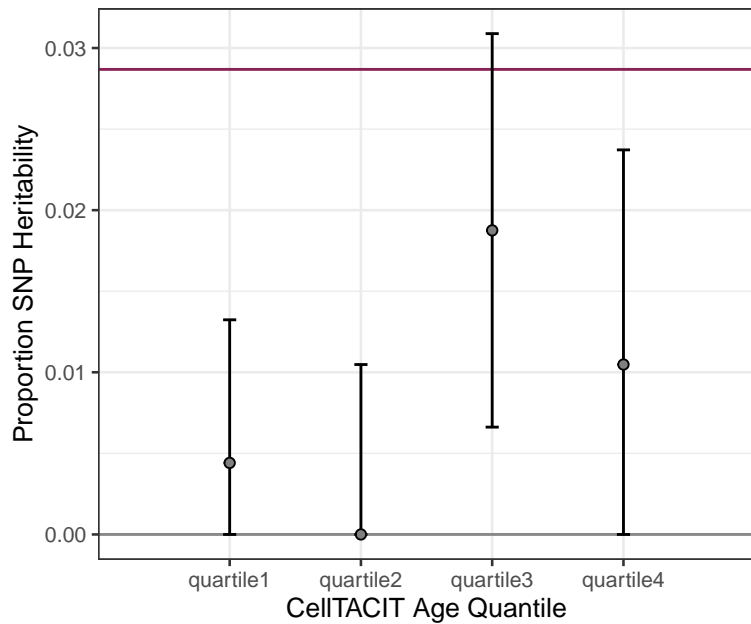


quartile3



quartile4

Astro, Anorexia\_E



Zoonomia



phyloP.Acc



phyloP.Con

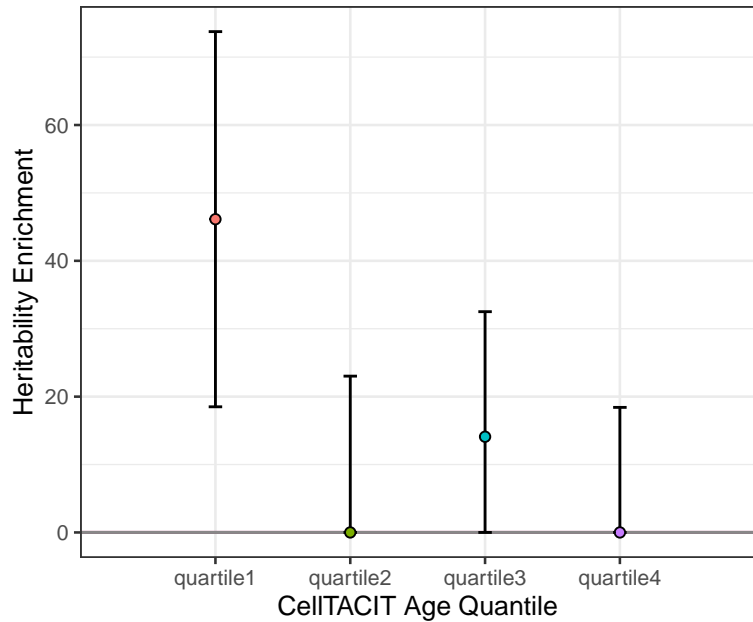
peaktype



quartile



Astro, Bipolar\_E



quantile



quartile1



quartile2

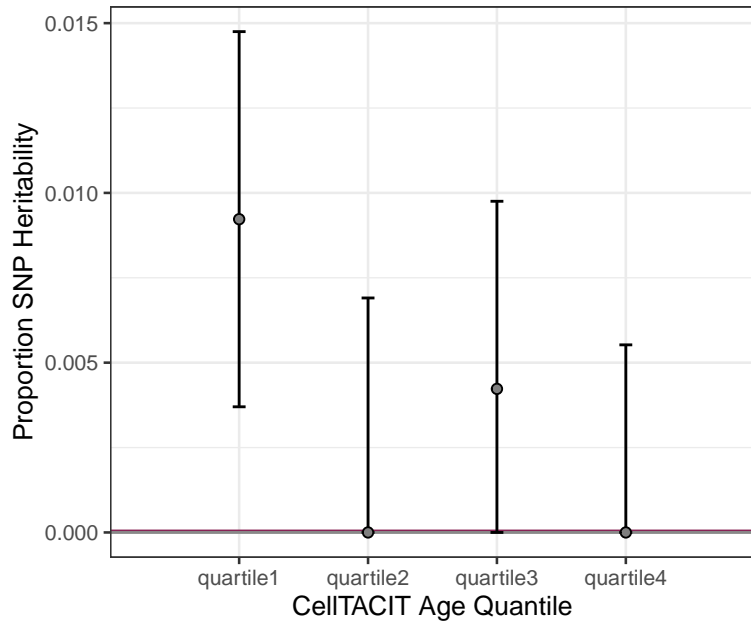


quartile3



quartile4

Astro, Bipolar\_E



Zoonomia



phyloP.Acc



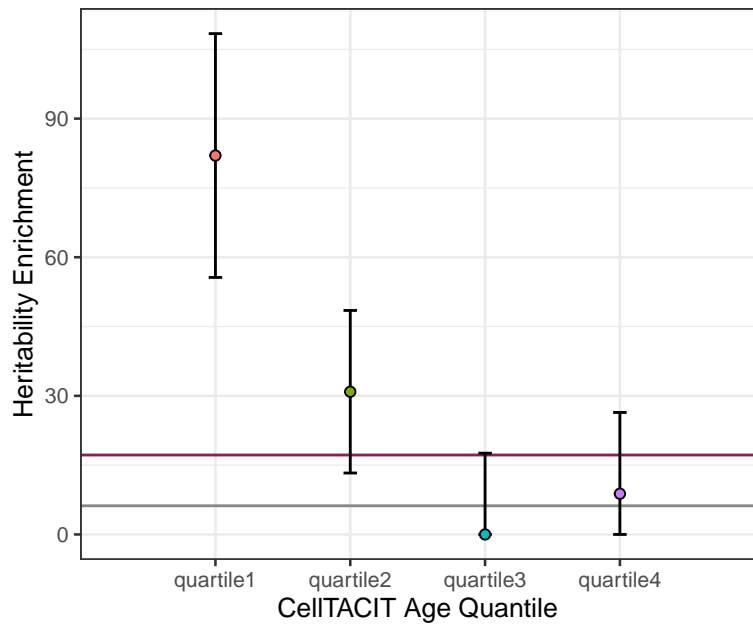
phyloP.Con

peaktype



quartile

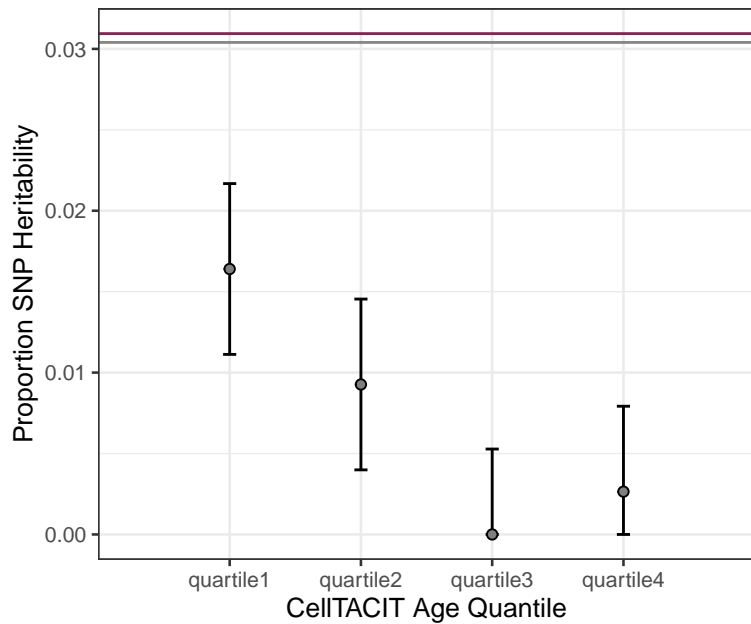
Astro, Depression\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, Depression\_E



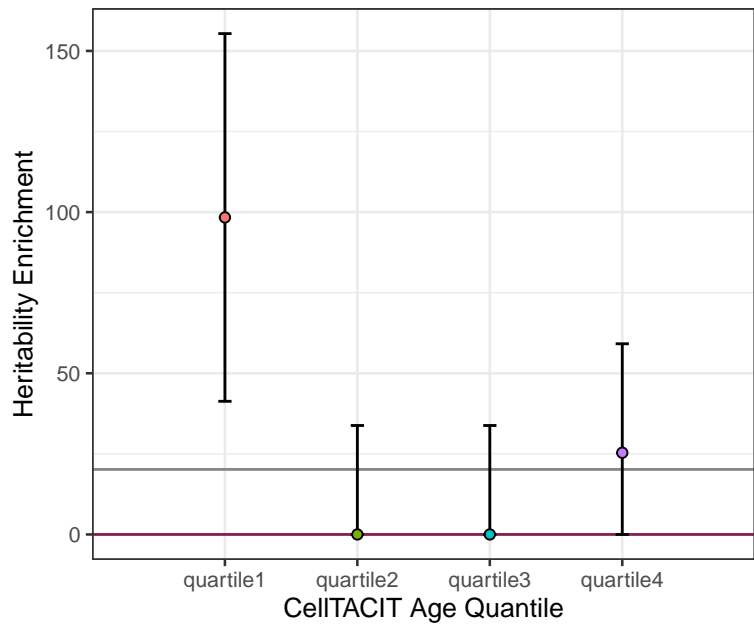
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

Astro, MDD\_E



quantile



quartile1



quartile2

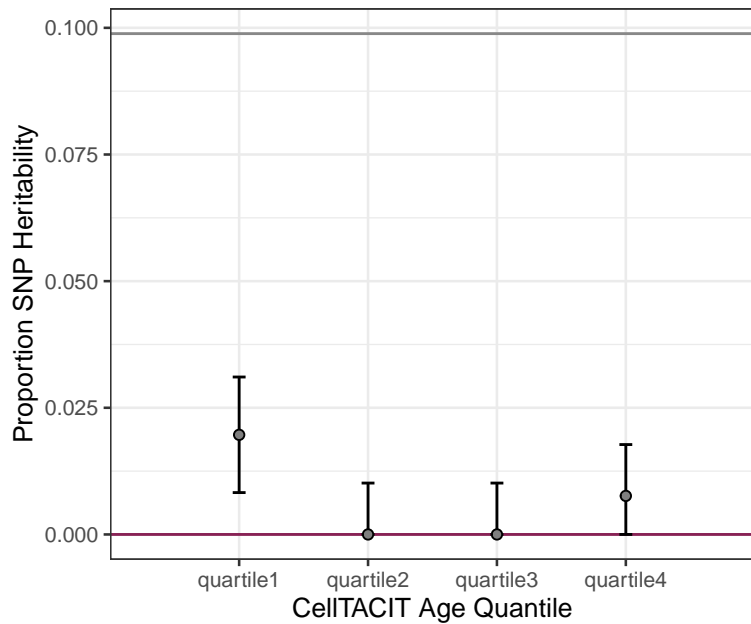


quartile3



quartile4

Astro, MDD\_E



Zoonomia



phyloP.Acc



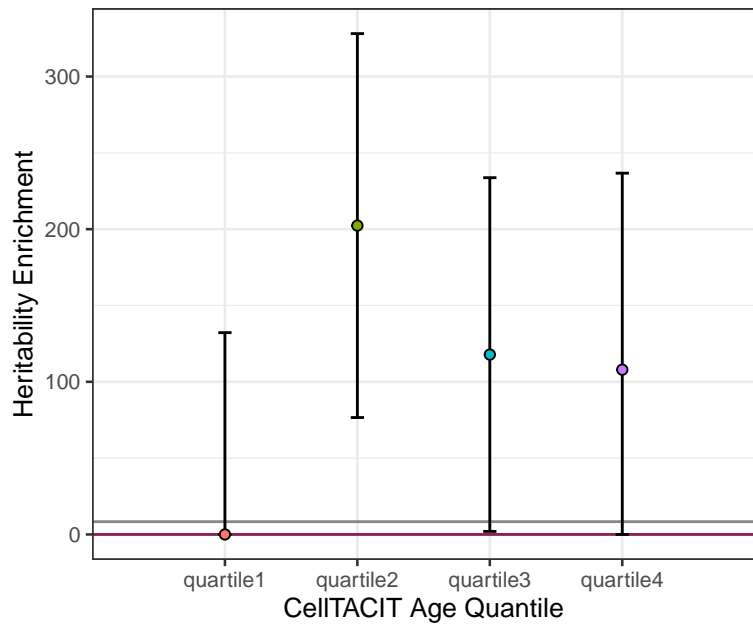
phyloP.Con

peaktype



quartile

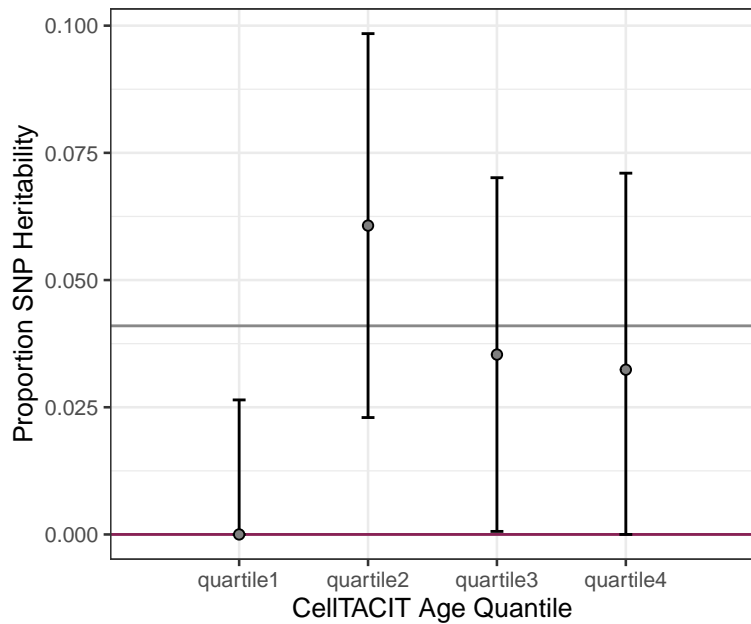
Astro, OCD\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, OCD\_E



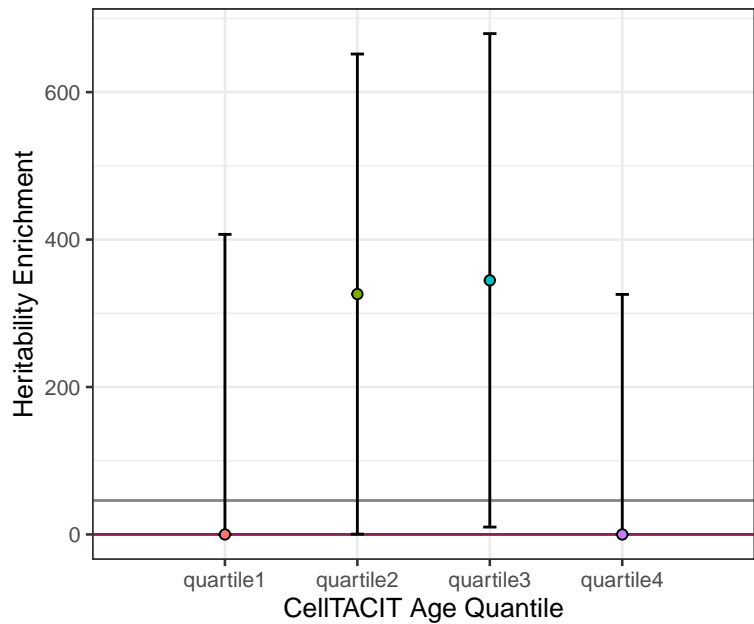
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

Astro, PTSD\_A



quantile



quartile1



quartile2

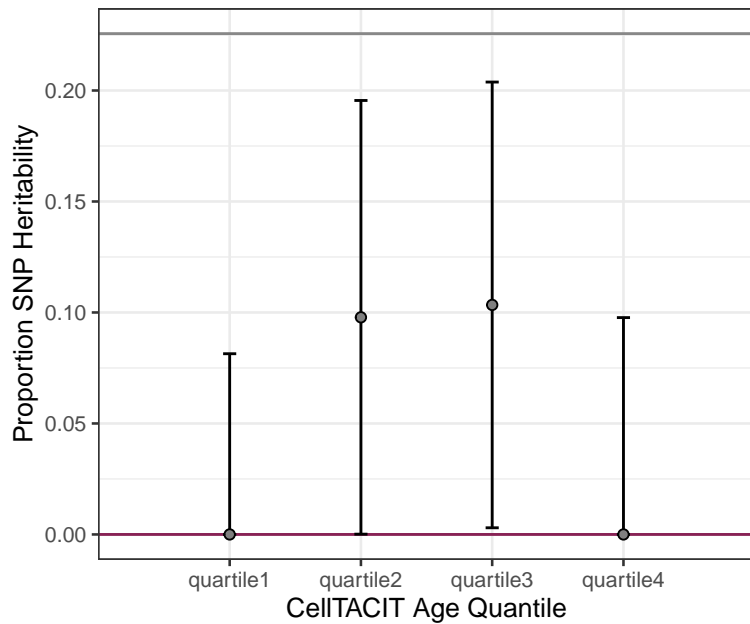


quartile3



quartile4

Astro, PTSD\_A



Zoonomia



phyloP.Acc



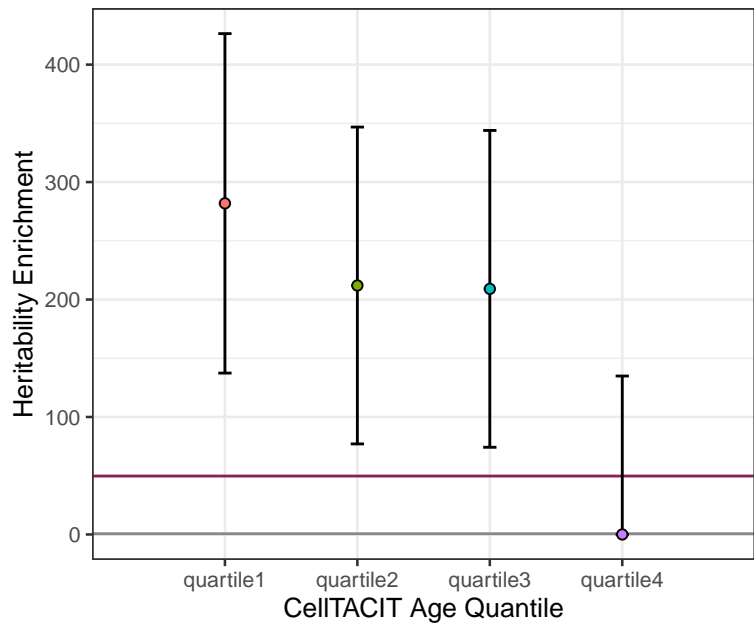
phyloP.Con

peaktype



quartile

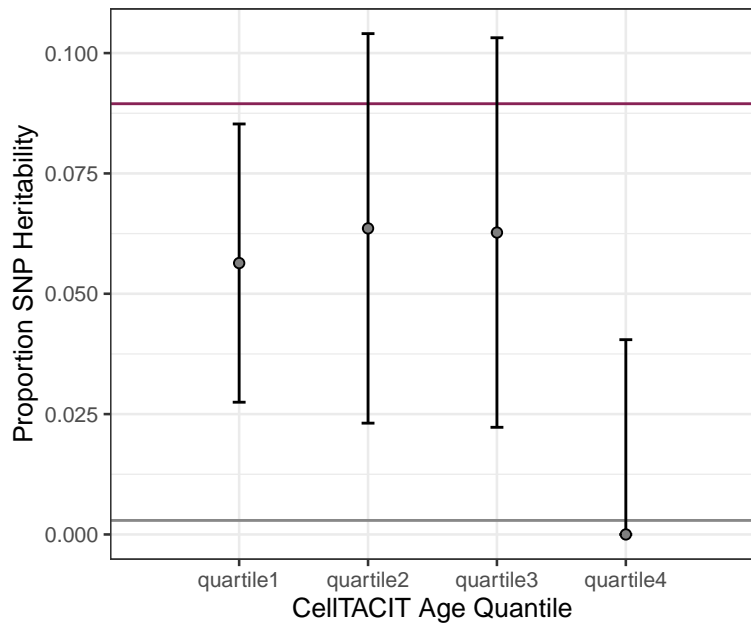
Astro, PTSD\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, PTSD\_E



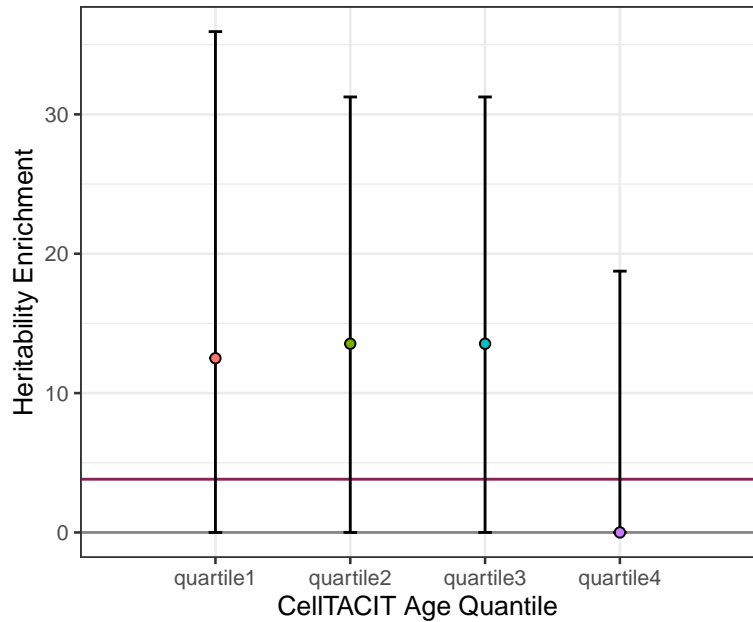
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

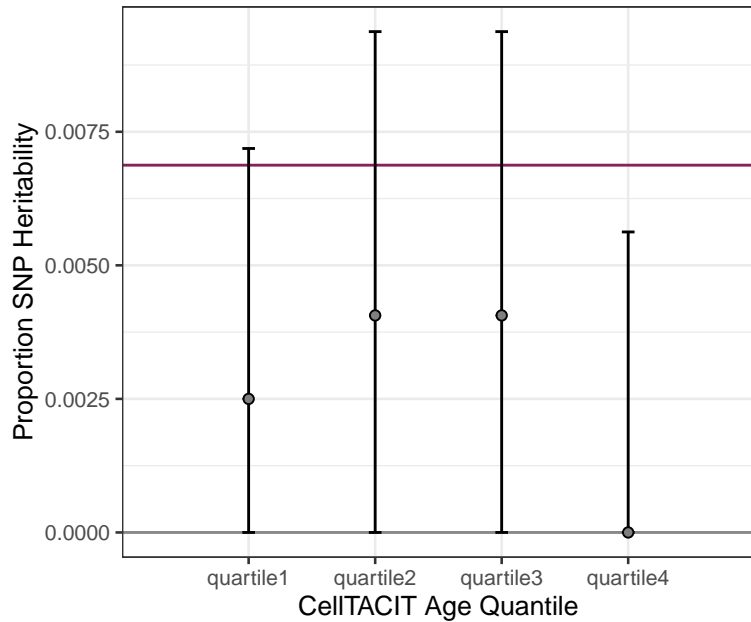
Astro, Schizophrenia\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, Schizophrenia\_E



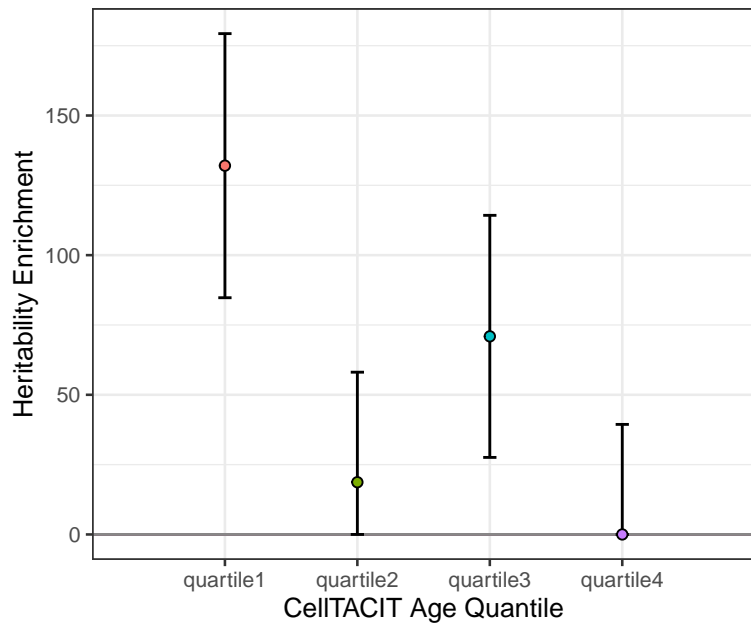
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

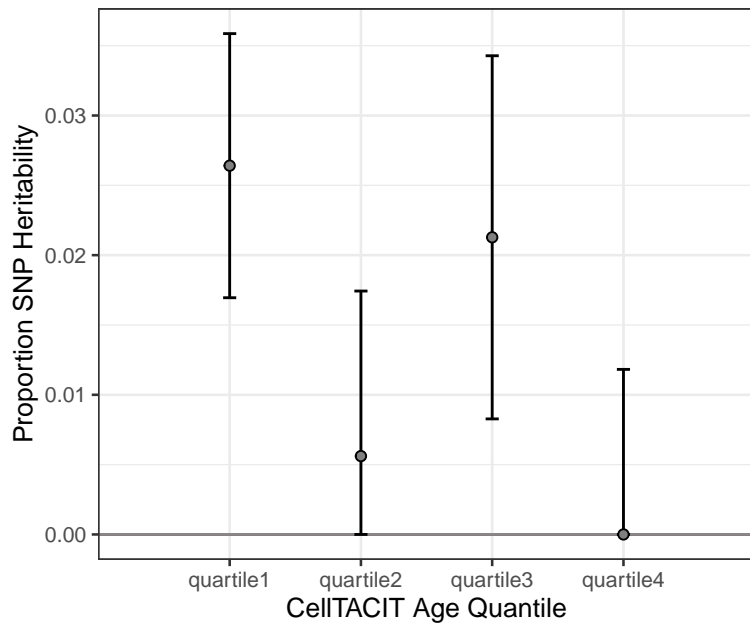
Astro, AUDIT-C\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, AUDIT-C\_E



Zoonomia

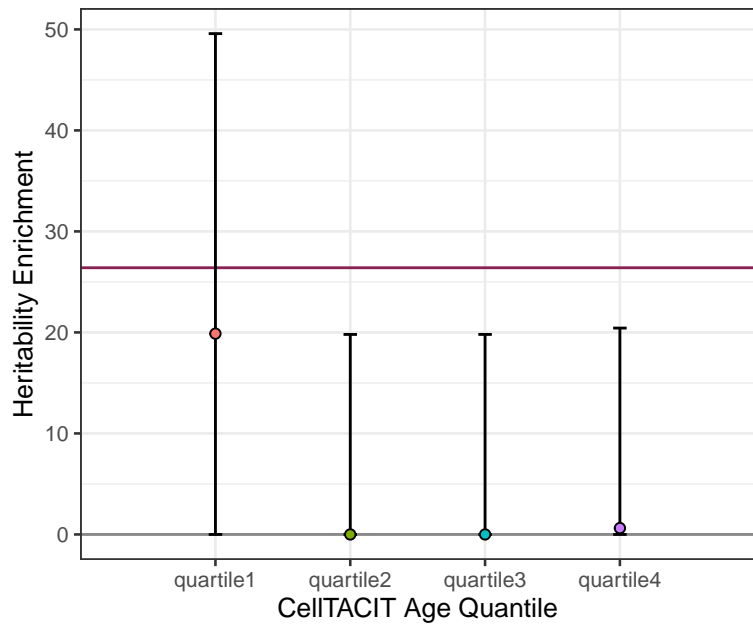
phyloP.Acc phyloP.Con

peaktype

quartile



Astro, DrinksPerWeek\_E



quantile



quartile1



quartile2

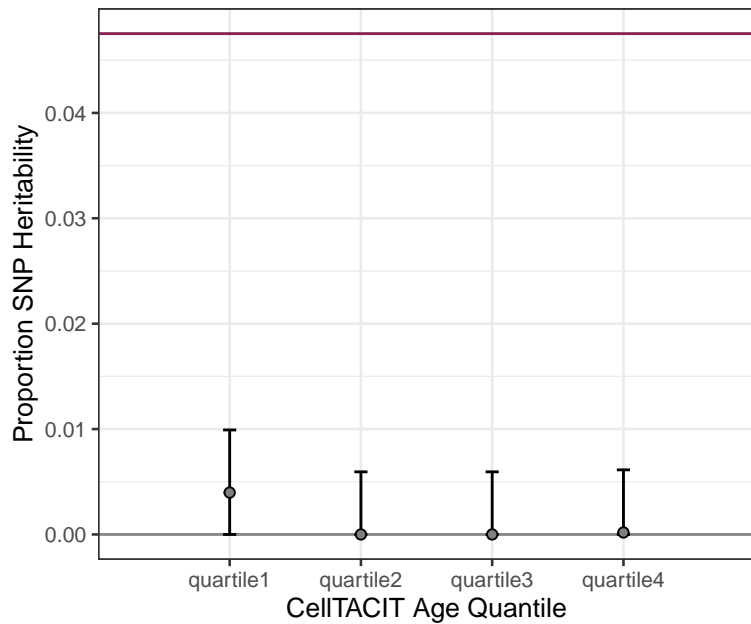


quartile3



quartile4

Astro, DrinksPerWeek\_E



Zoonomia



phyloP.Acc



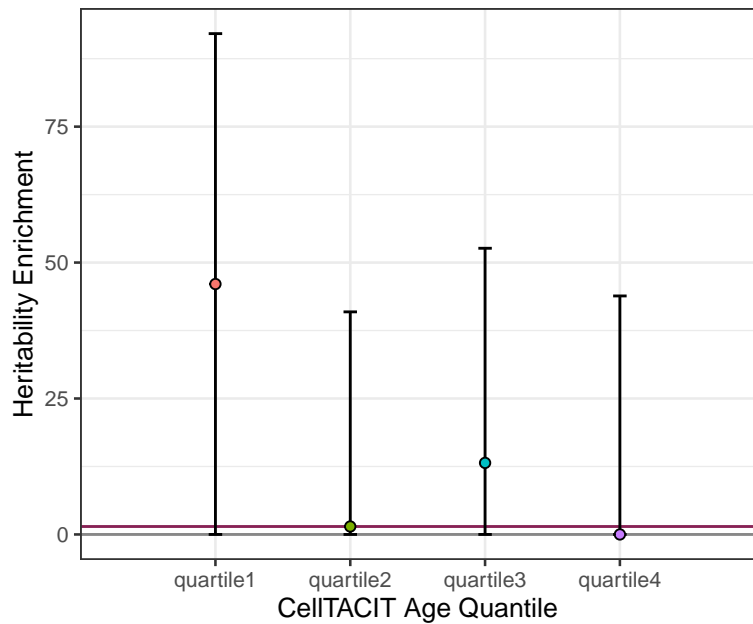
phyloP.Con

peaktype



quartile

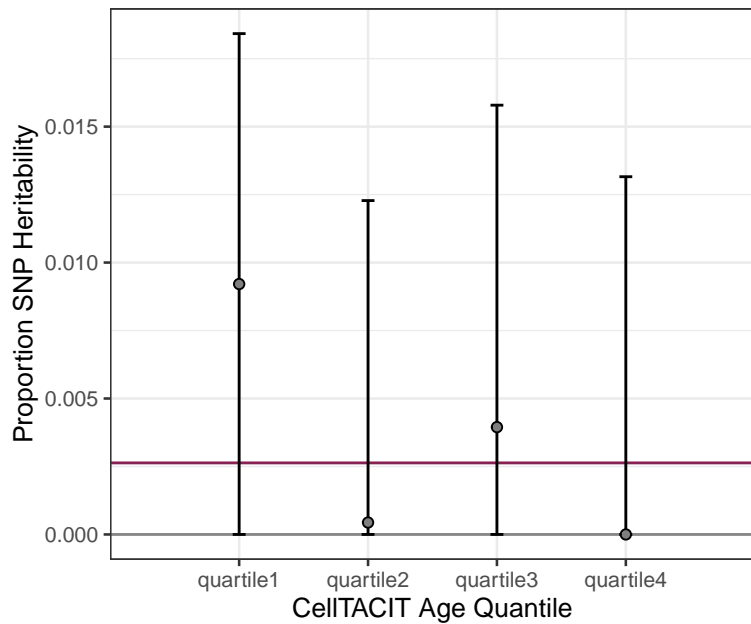
Astro, CannabisUse\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, CannabisUse\_E



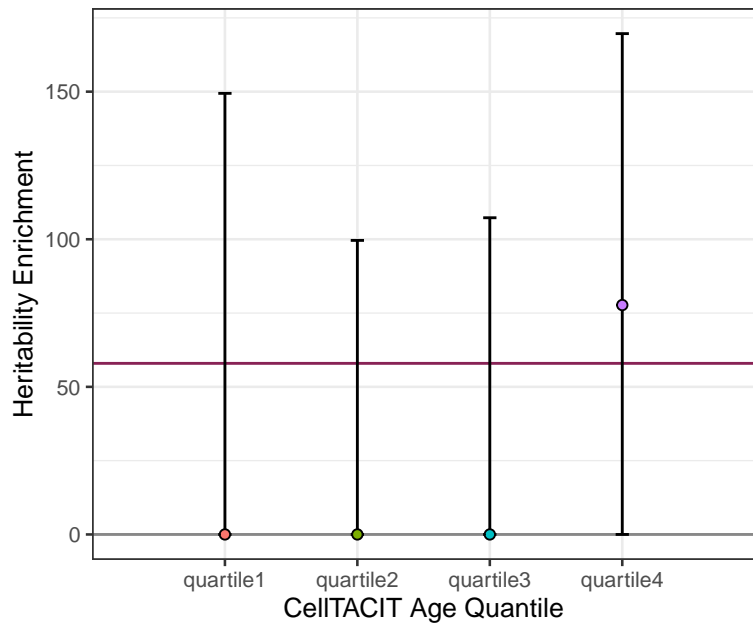
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

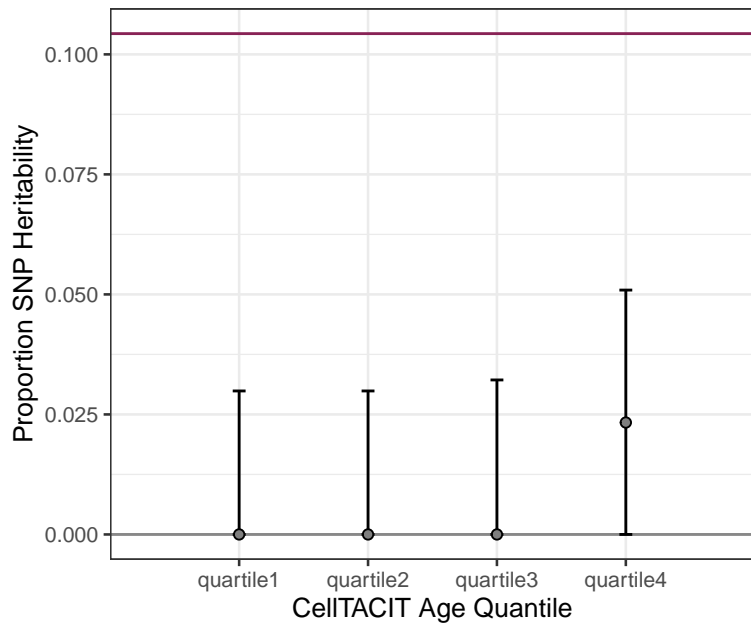
Astro, CoffeePerDay\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, CoffeePerDay\_E



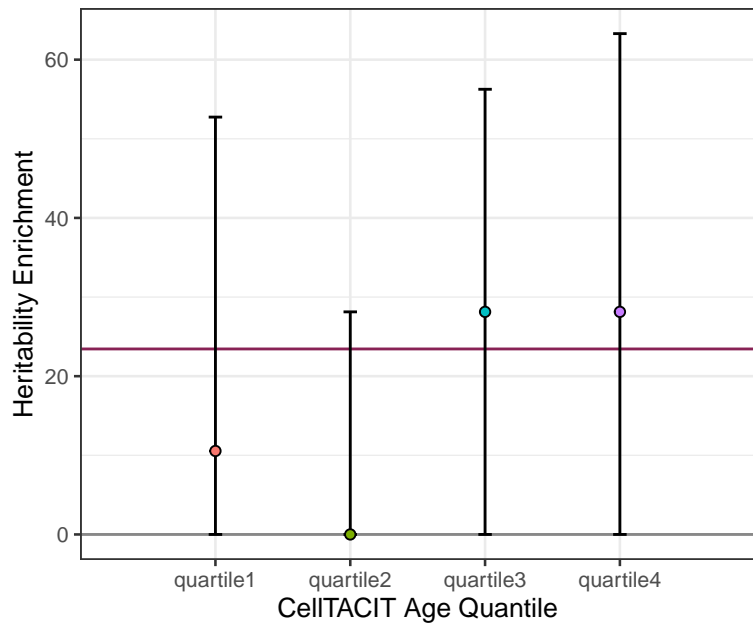
Zoonomia

phyloP.Acc phyloP.Con

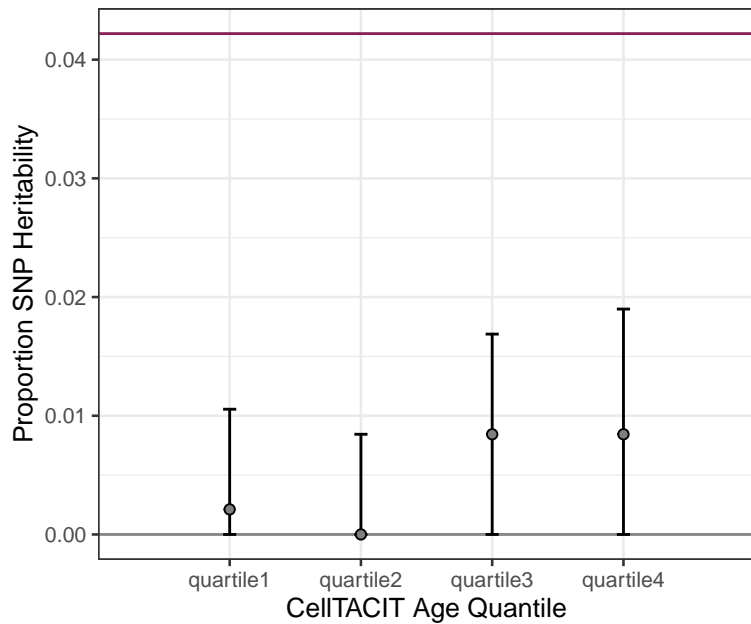
peaktype

quartile

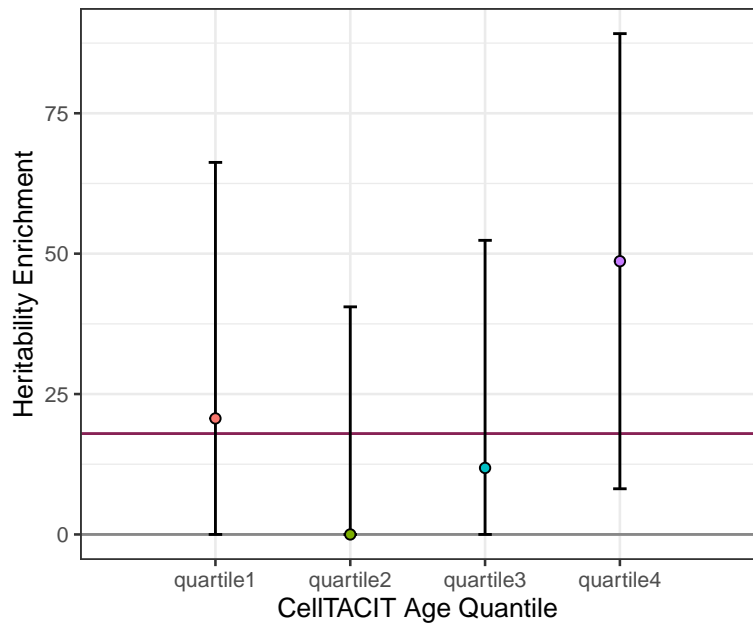
Astro, SmokAgeOfInit\_E



Astro, SmokAgeOfInit\_E



Astro, SmokCessation\_E



quantile



quartile1



quartile2

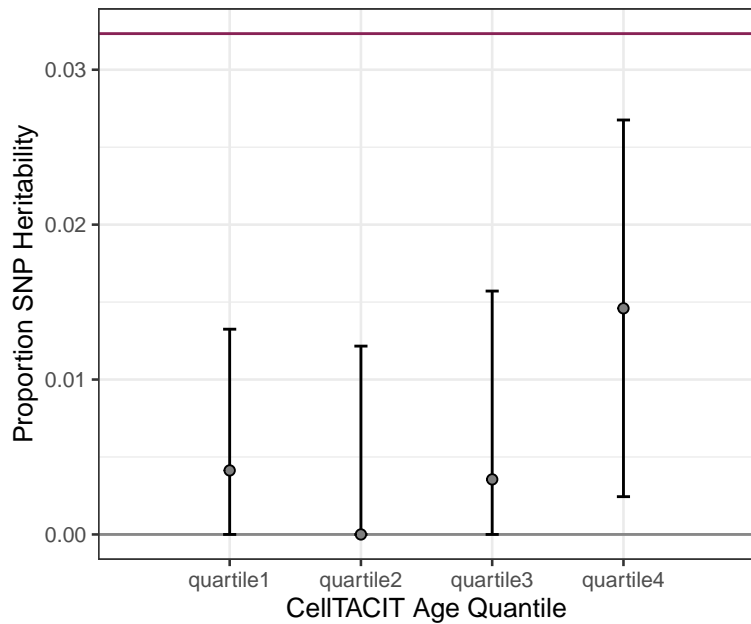


quartile3



quartile4

Astro, SmokCessation\_E



Zoonomia



phyloP.Acc



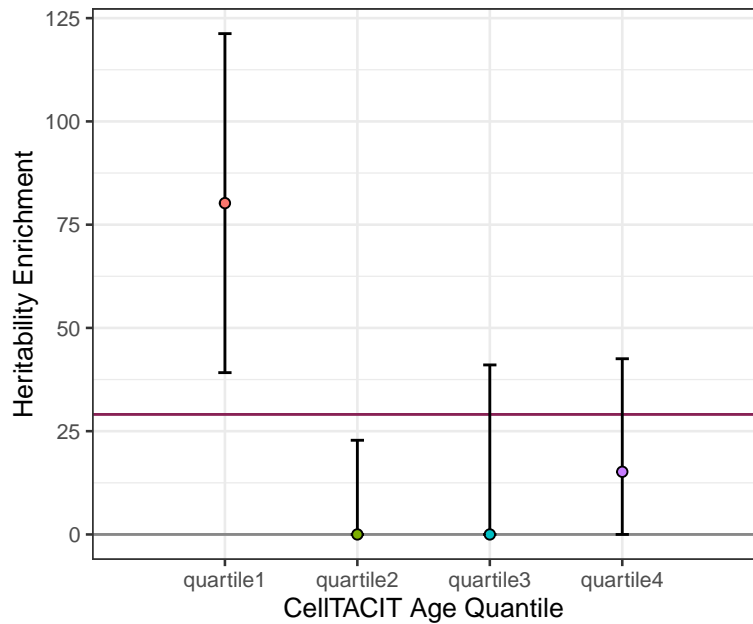
phyloP.Con

peaktype



quartile

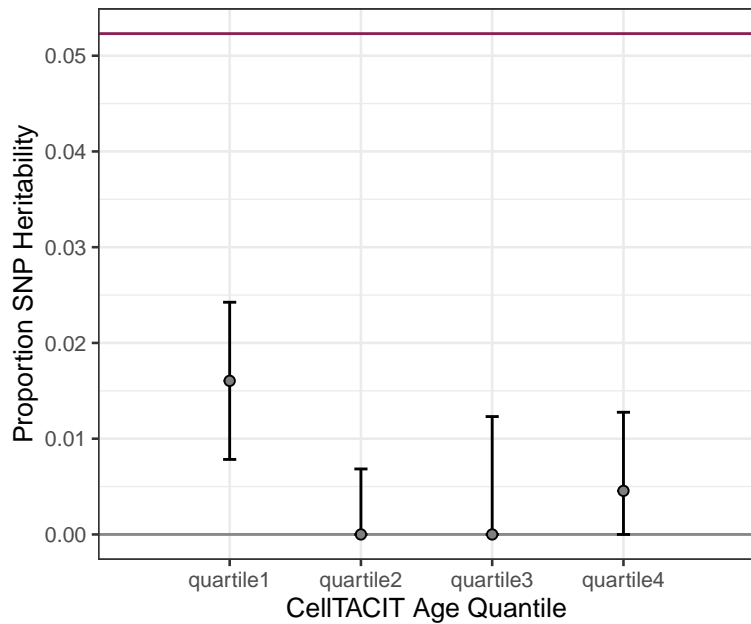
Astro, SmokCigPerDay\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, SmokCigPerDay\_E



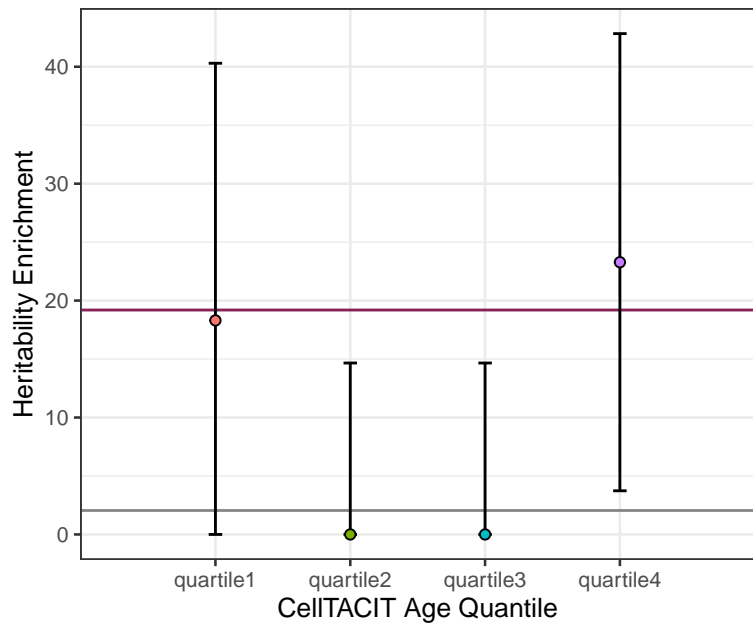
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

Astro, SmokInitiation\_E



quantile



quartile1



quartile2

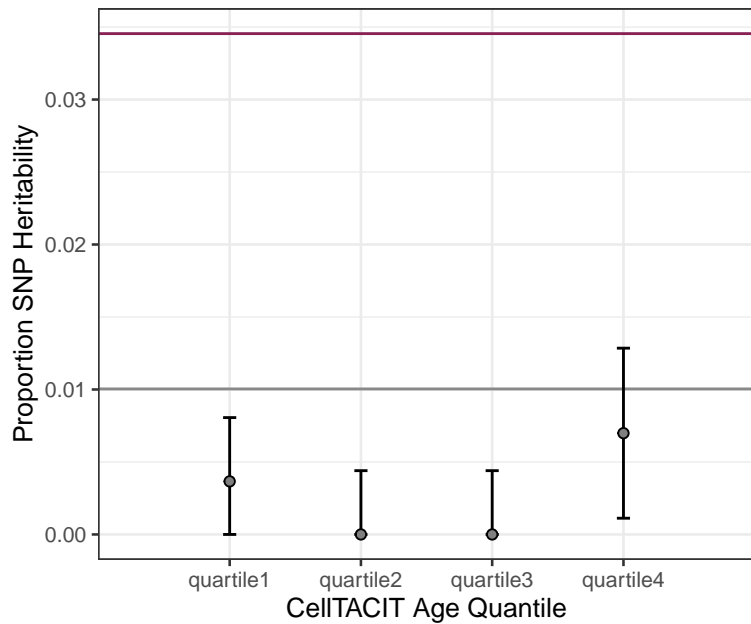


quartile3



quartile4

Astro, SmokInitiation\_E



Zoonomia



phyloP.Acc



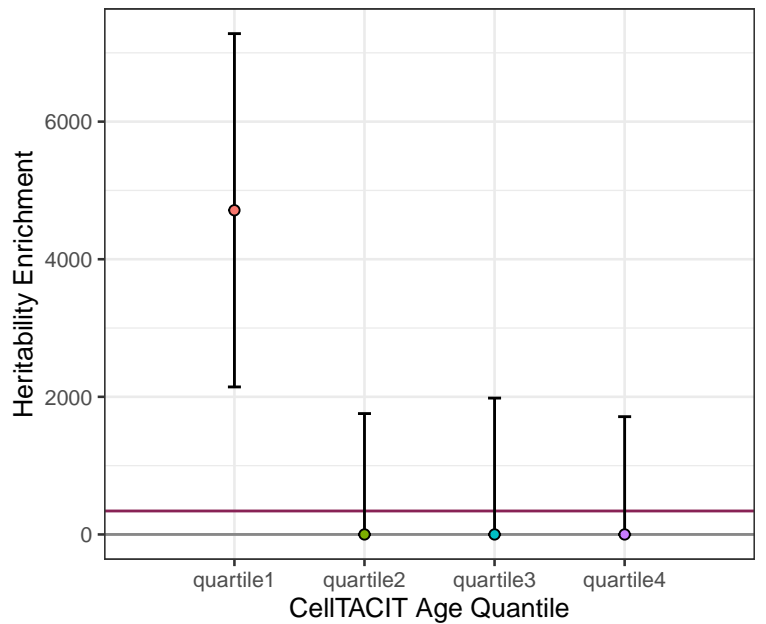
phyloP.Con

peaktype



quartile

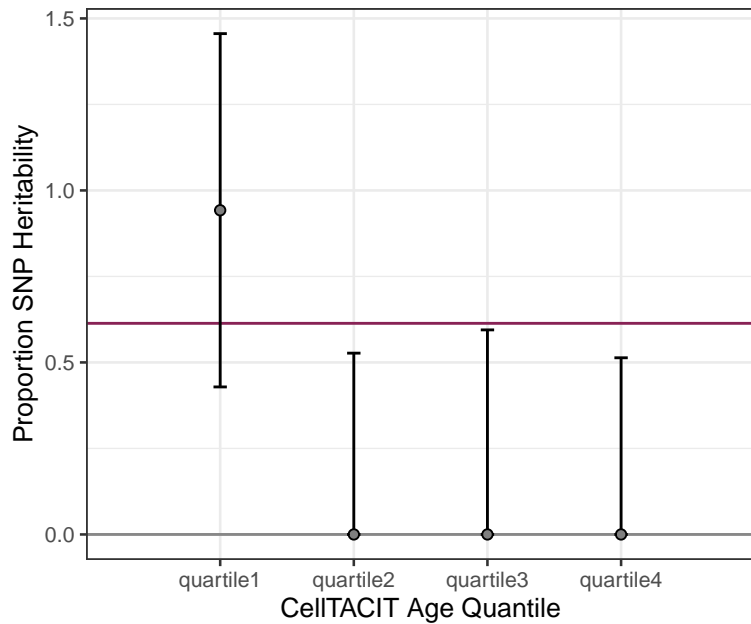
Astro, OpioidUse\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, OpioidUse\_E



Zoonomia

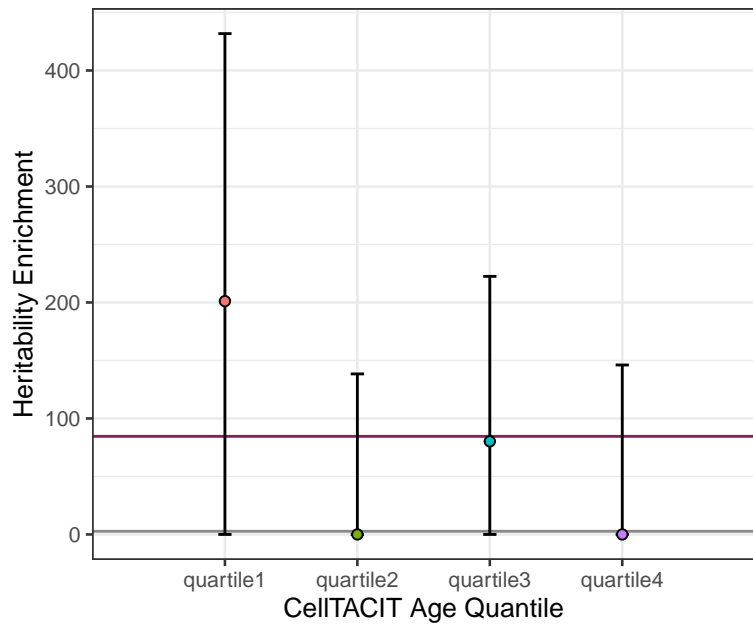
phyloP.Acc phyloP.Con

peaktype

quartile



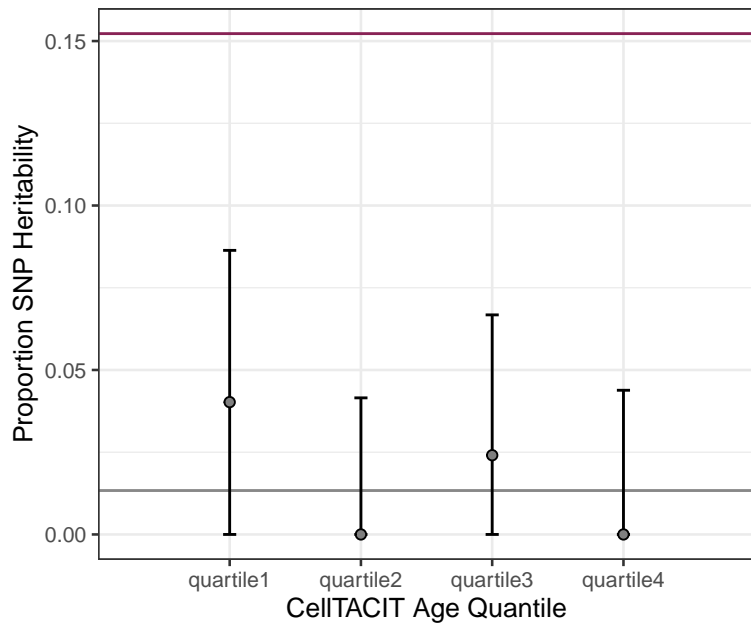
Astro, AlcoholDep\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, AlcoholDep\_E



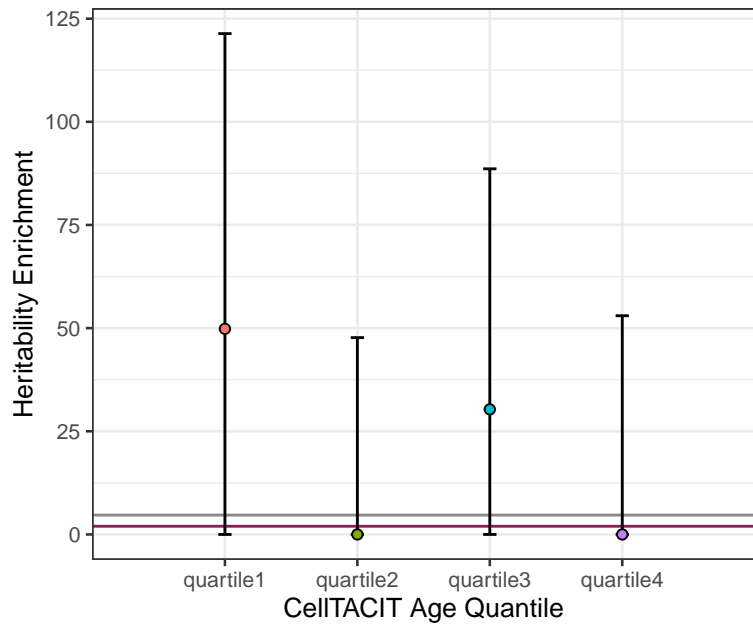
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

Astro, AUDIT-P\_E



quantile



quartile1



quartile2

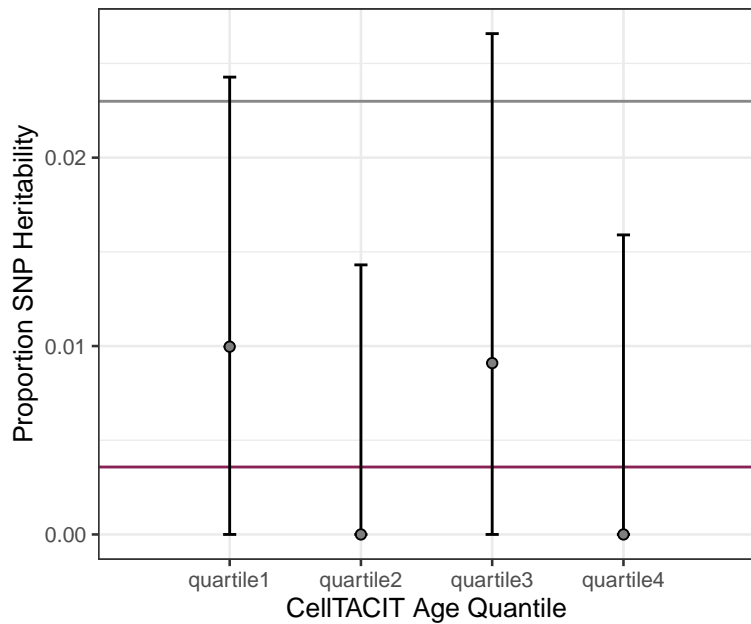


quartile3



quartile4

Astro, AUDIT-P\_E



Zoonomia



phyloP.Acc



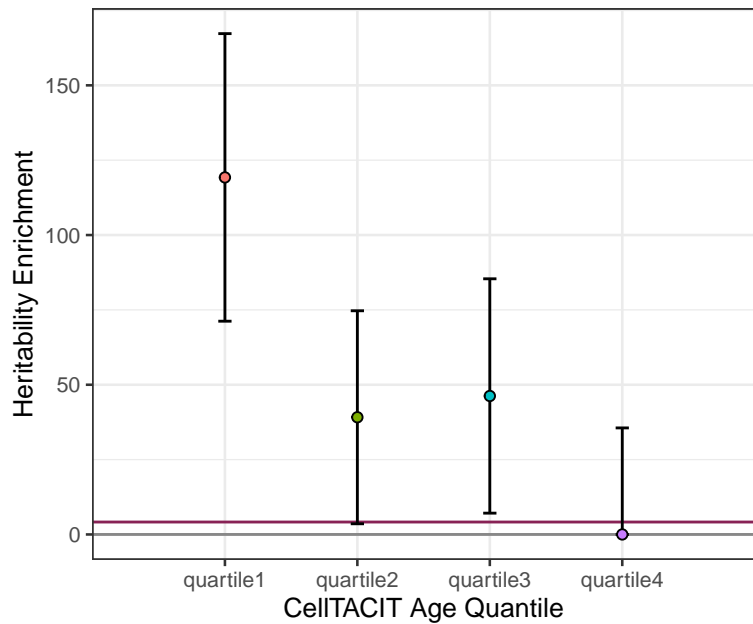
phyloP.Con

peaktype



quartile

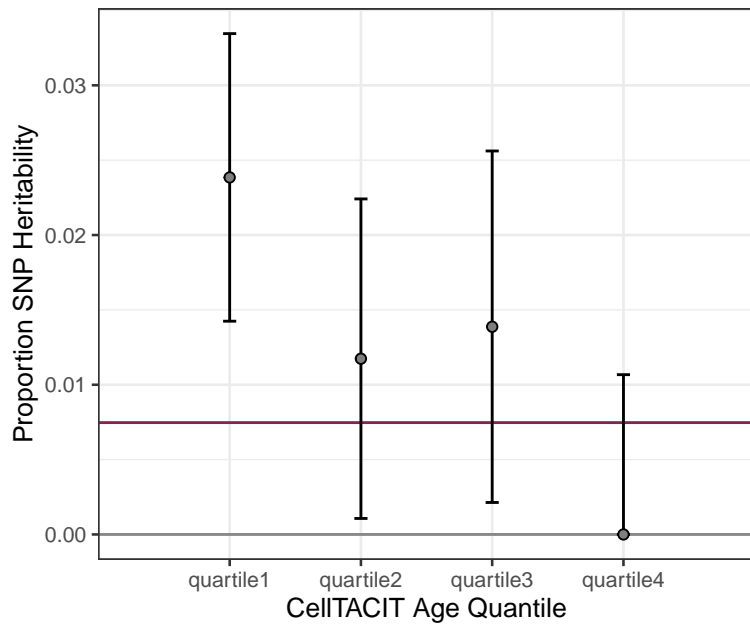
Astro, AUDIT-Tot\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, AUDIT-Tot\_E



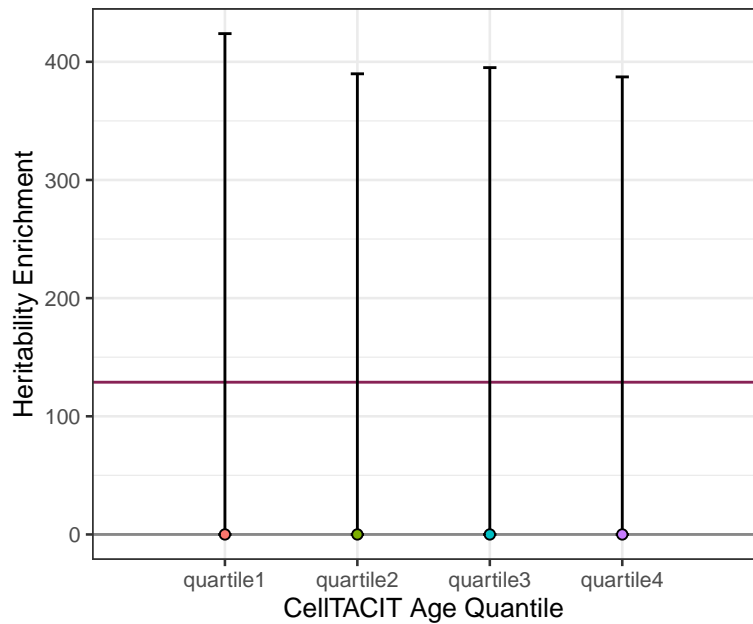
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

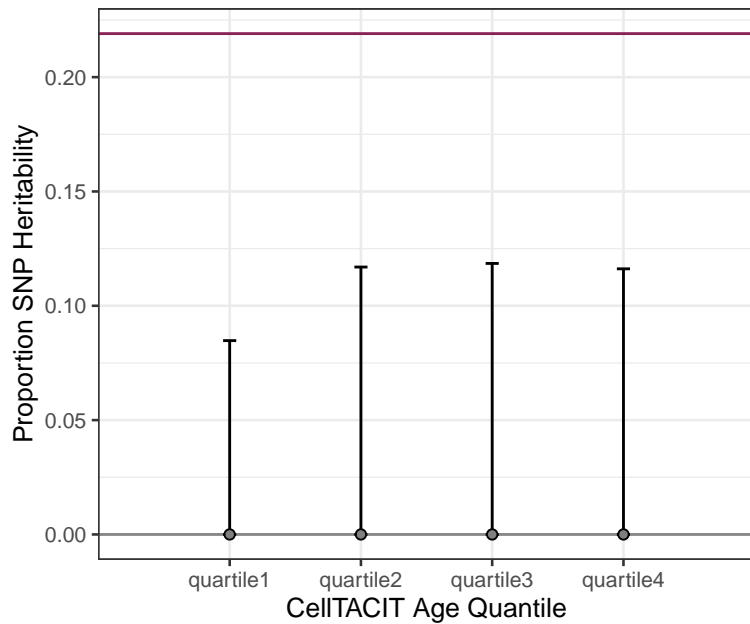
Astro, CannabisUD\_A



quantile

quartile1 quartile2 quartile3 quartile4

Astro, CannabisUD\_A



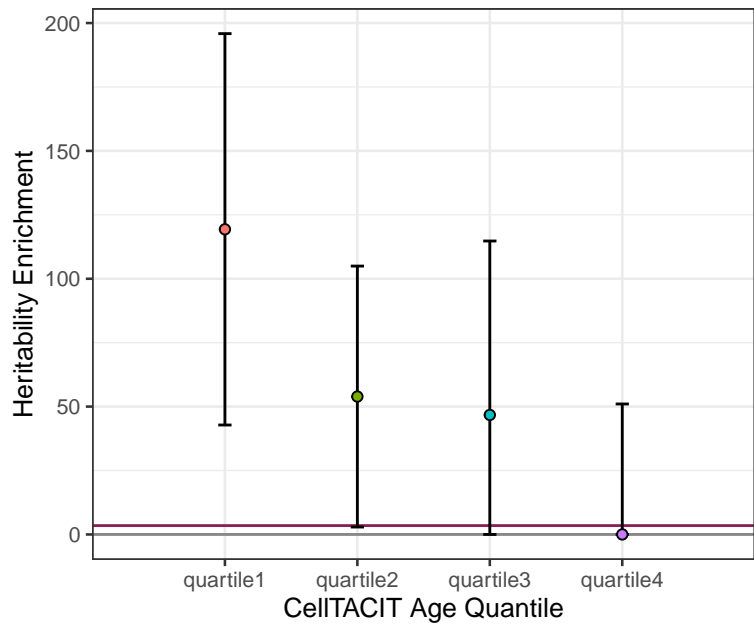
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

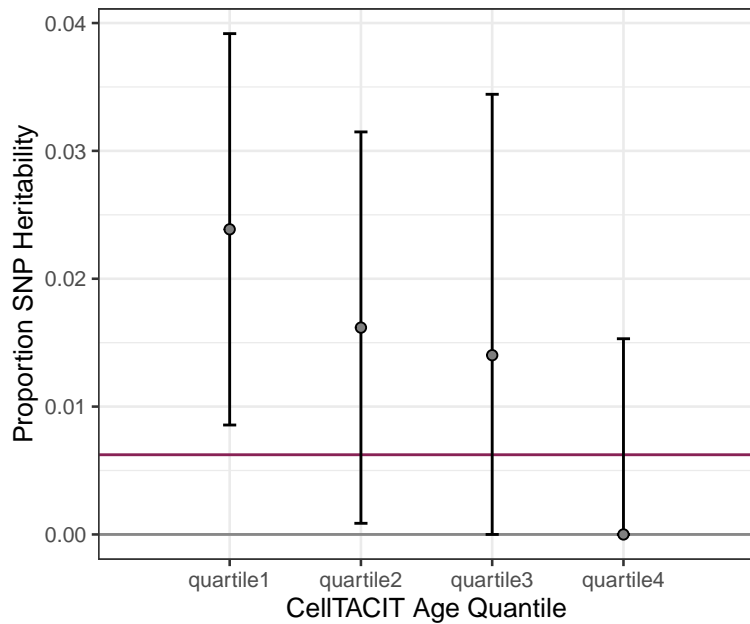
Astro, CannabisUD\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, CannabisUD\_E



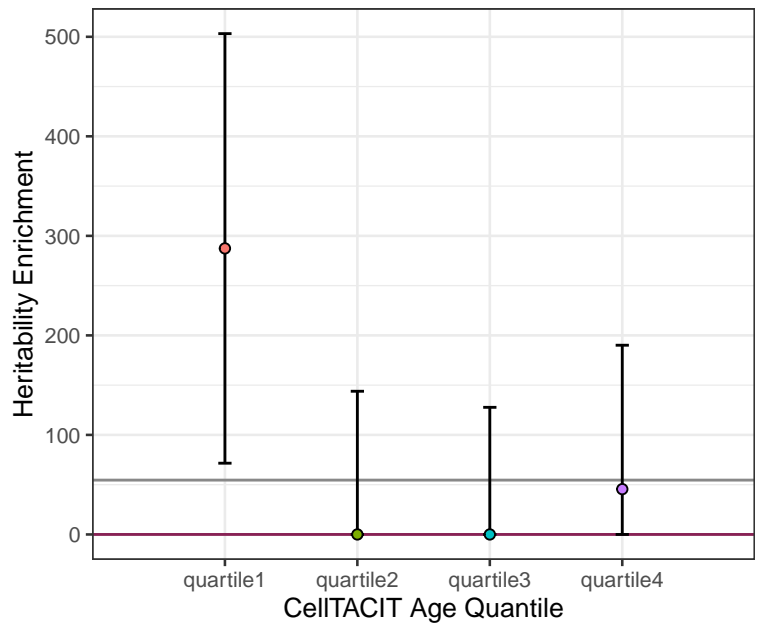
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

Astro, CocaineDep\_E



quantile



quartile1



quartile2

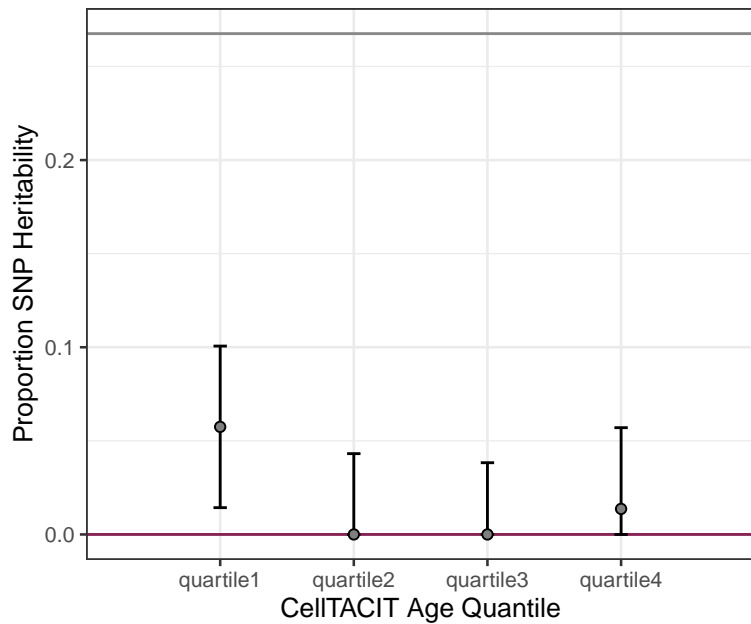


quartile3



quartile4

Astro, CocaineDep\_E



Zoonomia



phyloP.Acc



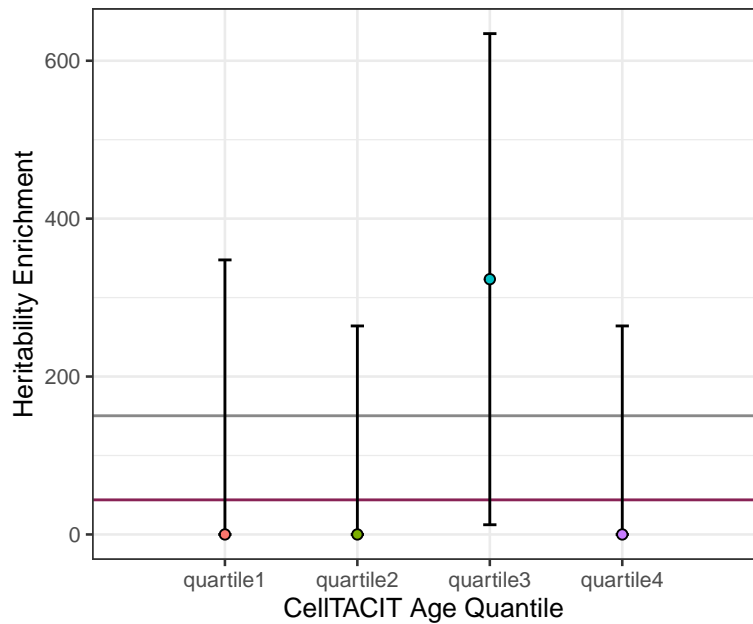
phyloP.Con

peaktype



quartile

Astro, OpioidDep\_E



quantile



quartile1



quartile2

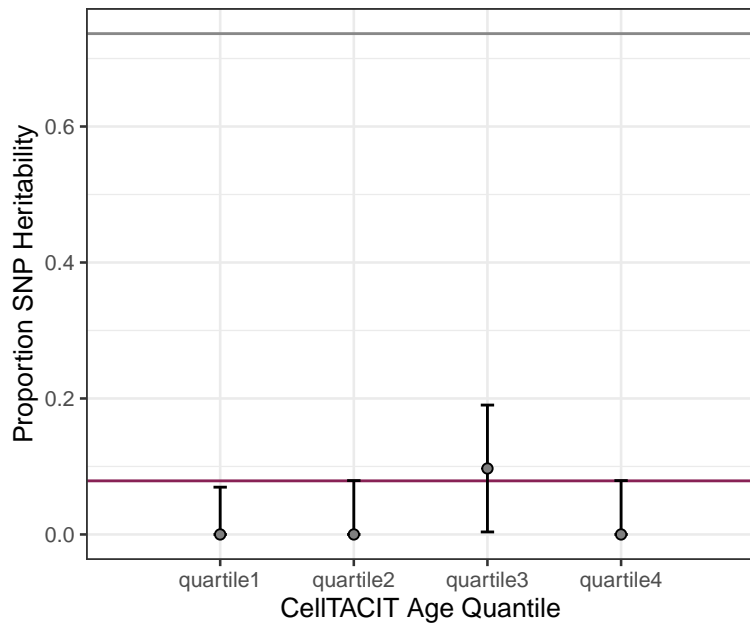


quartile3



quartile4

Astro, OpioidDep\_E



Zoonomia



phyloP.Acc



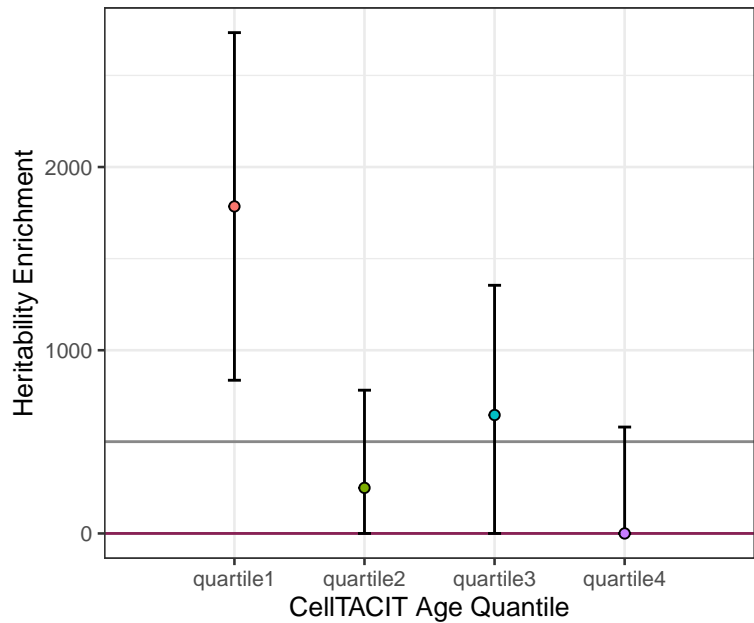
phyloP.Con

peaktype



quartile

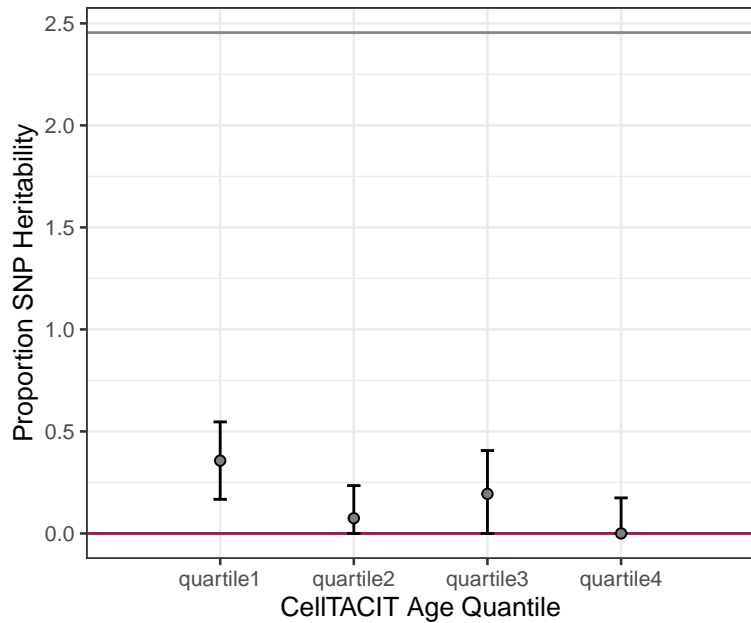
Astro, OpioidDep-vs-Exp\_A



quantile

quartile1 quartile2 quartile3 quartile4

Astro, OpioidDep-vs-Exp\_A



Zoonomia

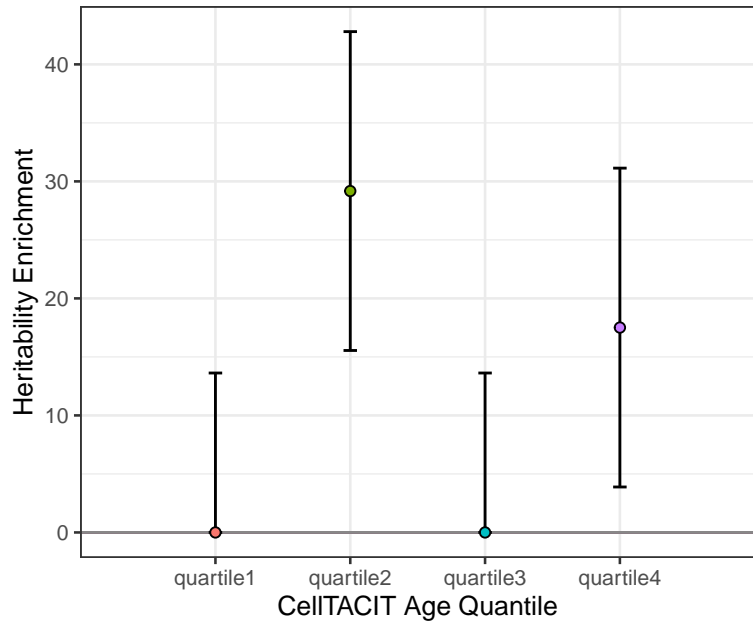
phyloP.Acc phyloP.Con

peaktype

quartile



Astro, EduAttain\_E



quantile



quartile1



quartile2

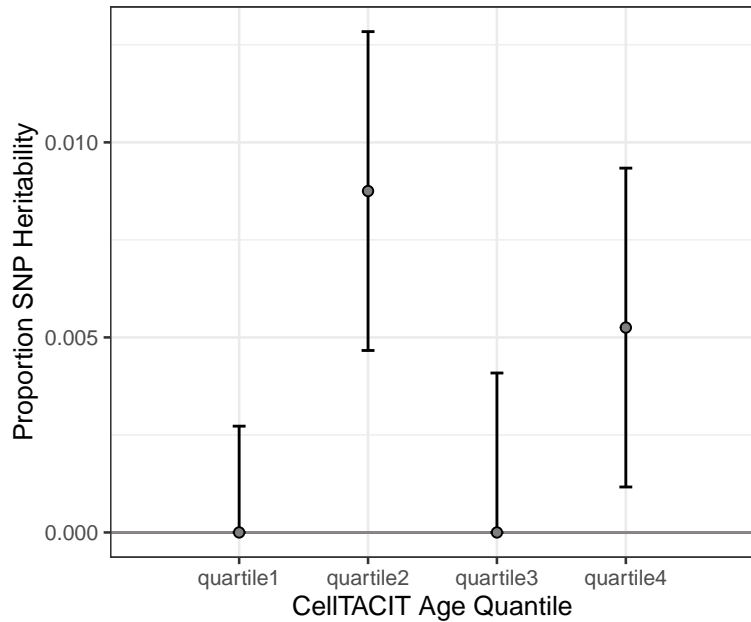


quartile3



quartile4

Astro, EduAttain\_E



Zoonomia



phyloP.Acc



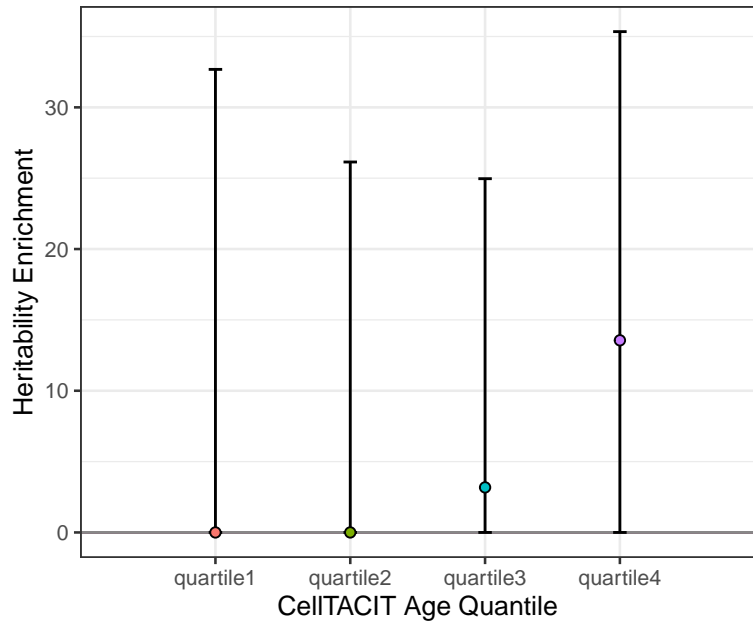
phyloP.Con

peaktype



quartile

Astro, Income\_E



quantile



quartile1



quartile2

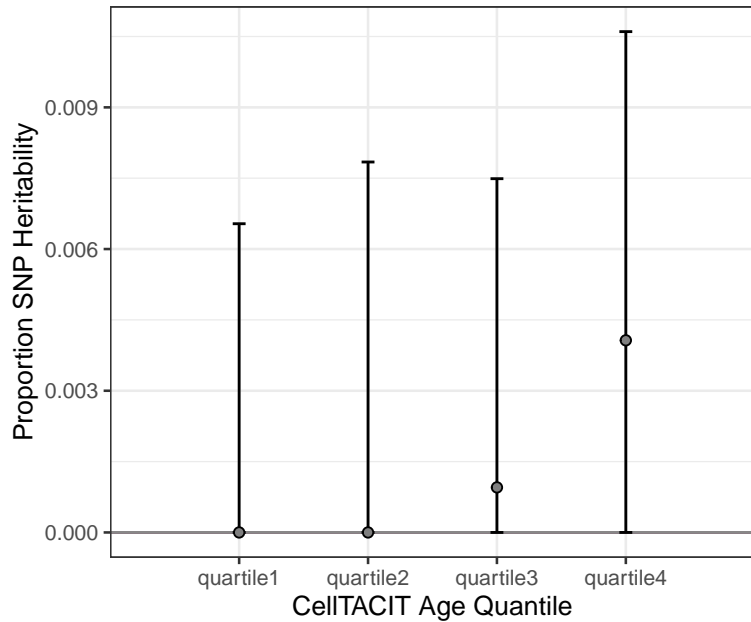


quartile3



quartile4

Astro, Income\_E



Zoonomia



phyloP.Acc



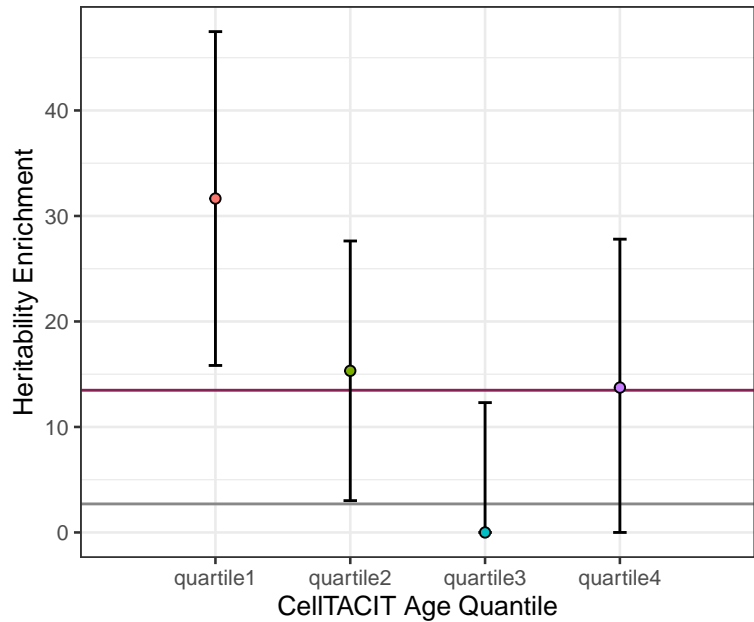
phyloP.Con

peaktype



quartile

Astro, BMI\_E



quantile



quartile1



quartile2

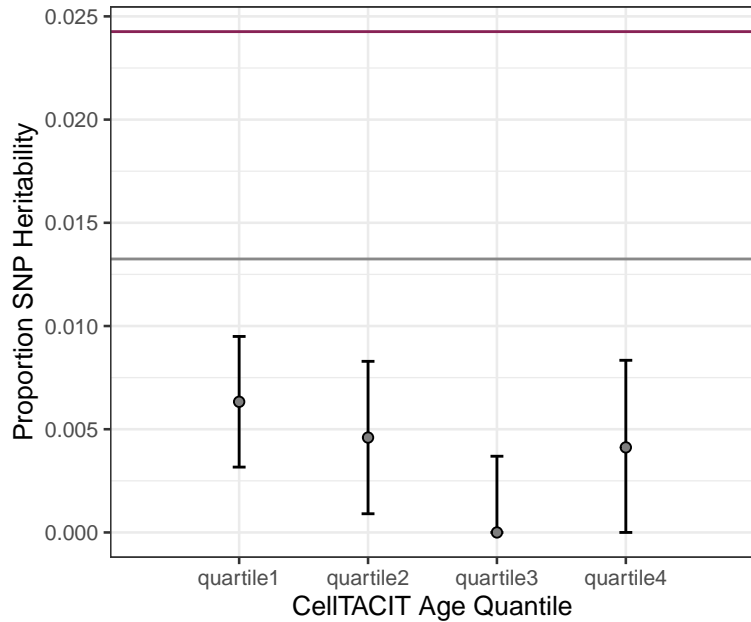


quartile3



quartile4

Astro, BMI\_E



Zoonomia



phyloP.Acc



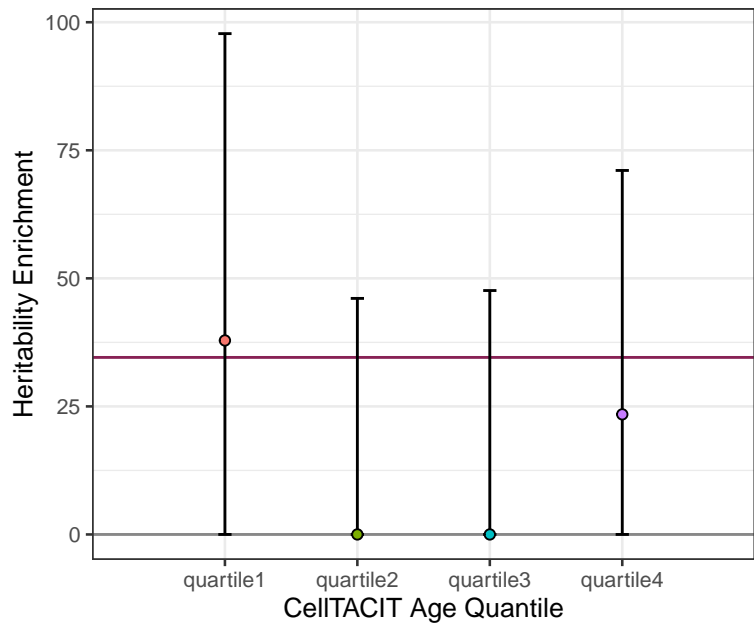
phyloP.Con

peaktype



quartile

Astro, BrainVol\_E



quantile



quartile1



quartile2

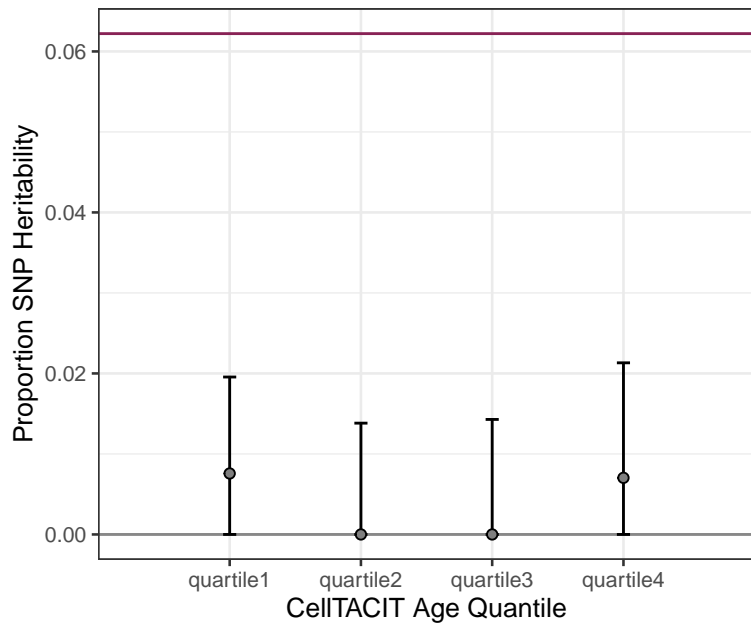


quartile3



quartile4

Astro, BrainVol\_E



Zoonomia



phyloP.Acc



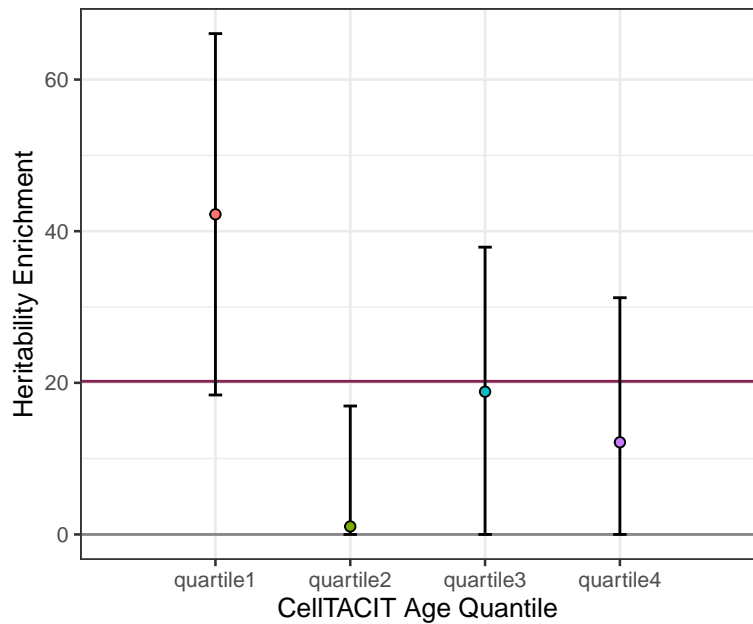
phyloP.Con

peaktype



quartile

Astro, Neuroticsim\_E



quantile



quartile1



quartile2

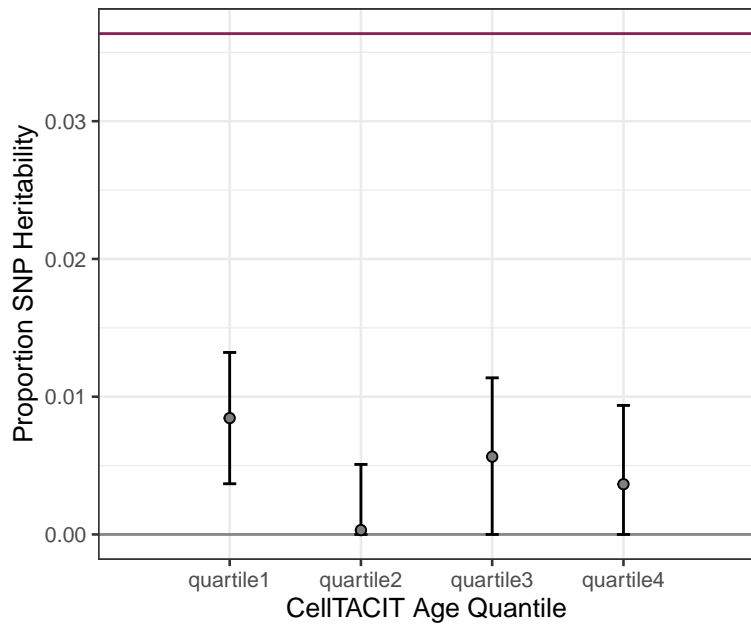


quartile3



quartile4

Astro, Neuroticsim\_E



Zoonomia

phyloP.Acc

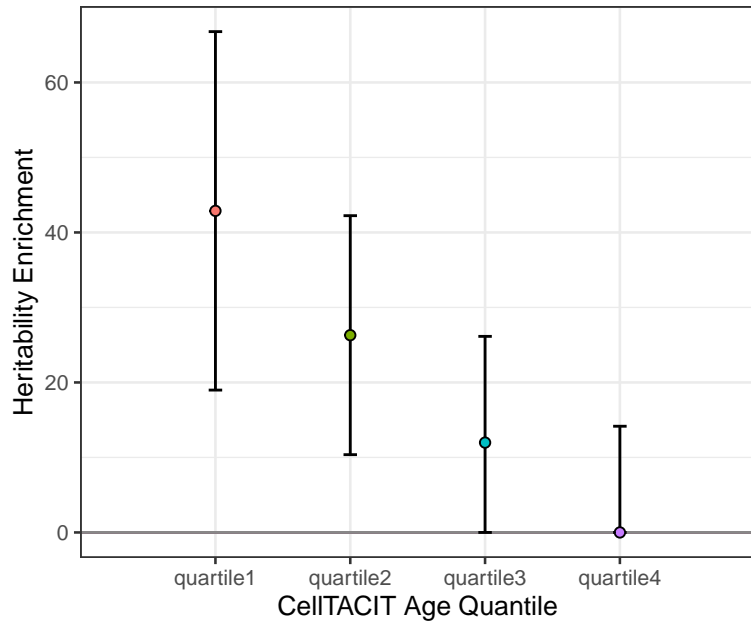
phyloP.Con

peaktype



quartile

Astro, Intelligence\_E



quartile



quartile1



quartile2

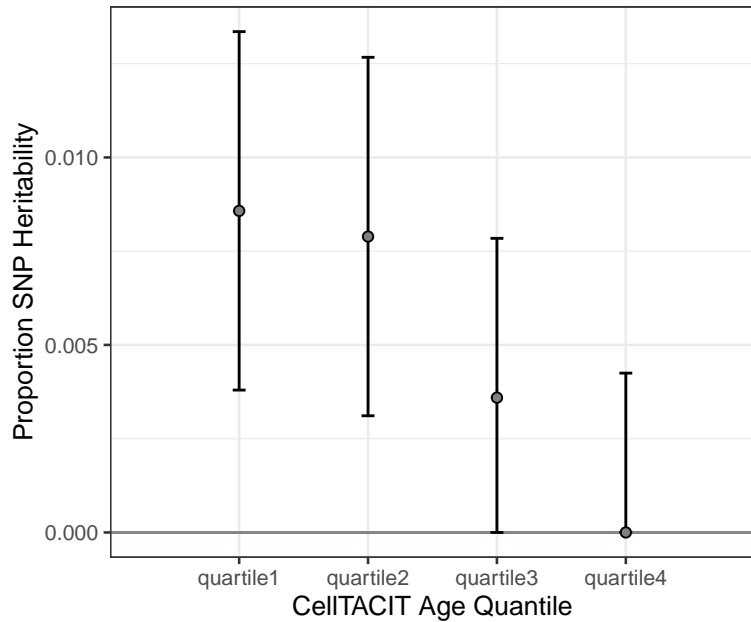


quartile3



quartile4

Astro, Intelligence\_E



Zoonomia



phyloP.Acc



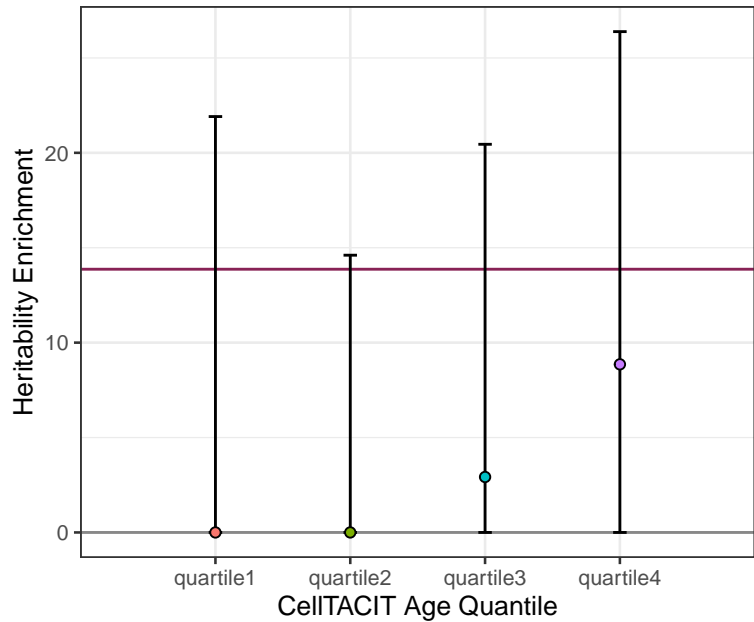
phyloP.Con

peaktype



quartile

Astro, RiskyBehavior\_E



quantile



quartile1



quartile2

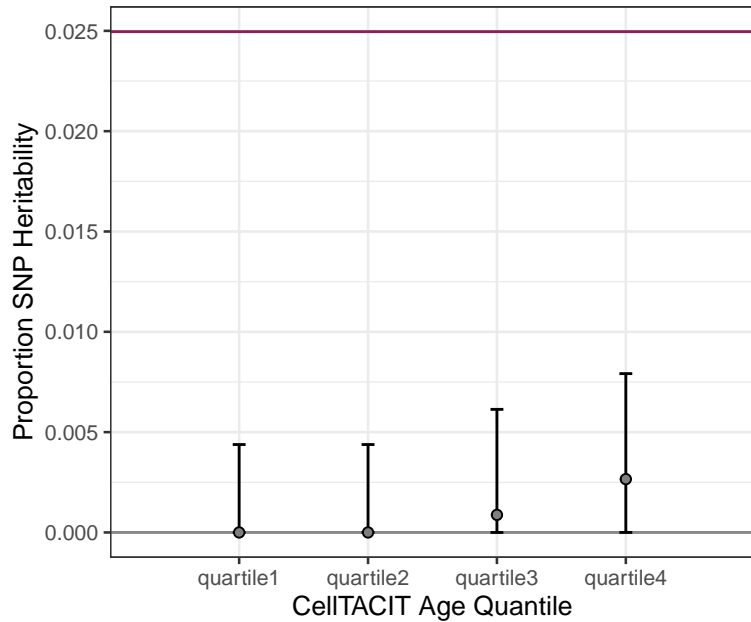


quartile3



quartile4

Astro, RiskyBehavior\_E



Zoonomia



phyloP.Acc



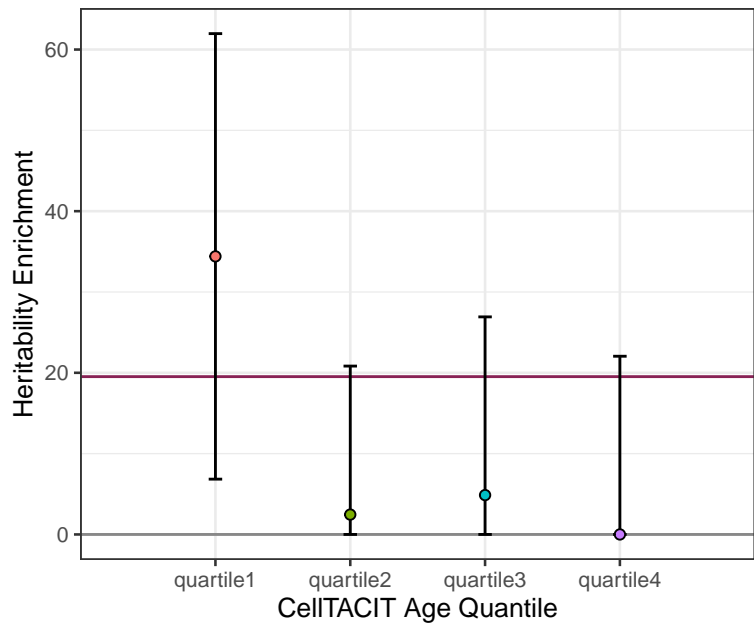
phyloP.Con

peaktype



quartile

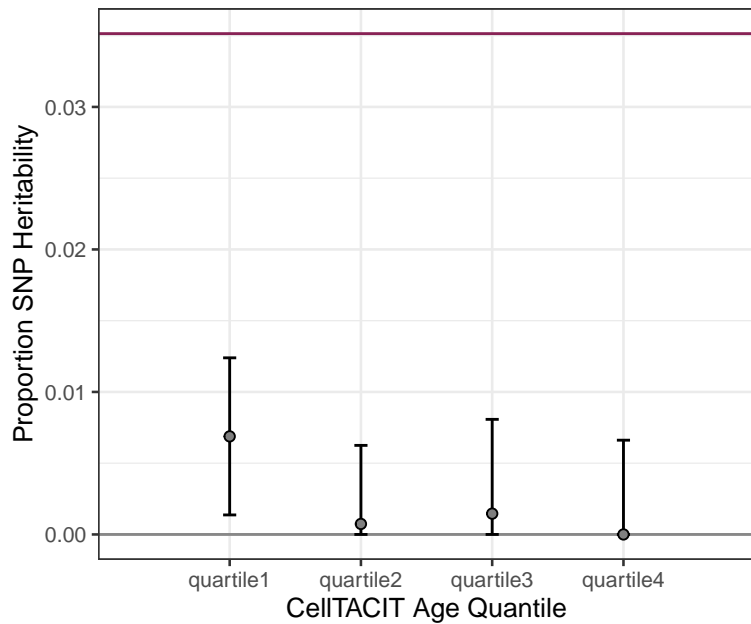
Astro, Worry\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, Worry\_E



Zoonomia

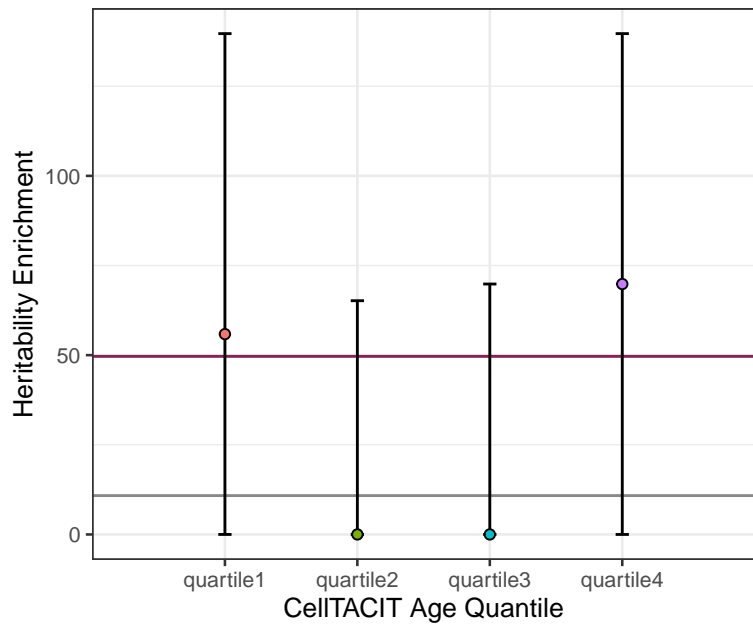
phyloP.Acc phyloP.Con

peaktype

quartile



Astro, ChronicPain\_E



quantile



quartile1



quartile2

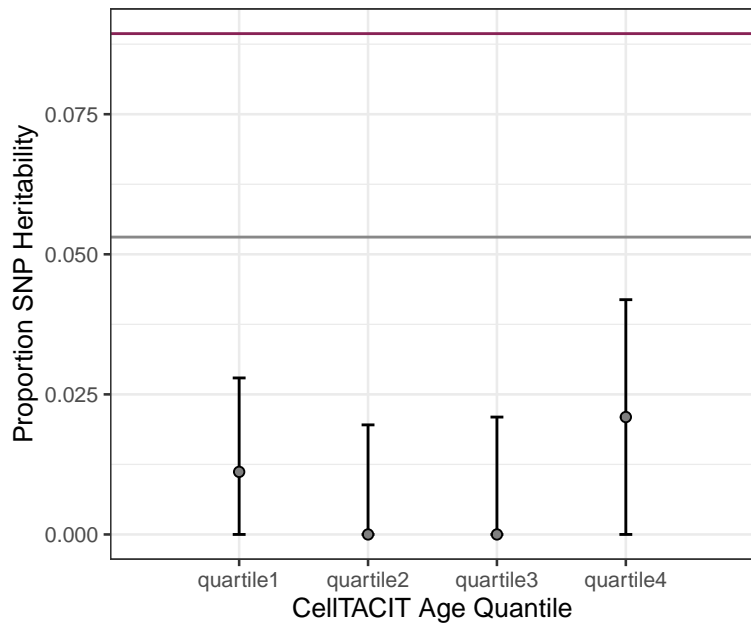


quartile3



quartile4

Astro, ChronicPain\_E



Zoonomia



phyloP.Acc



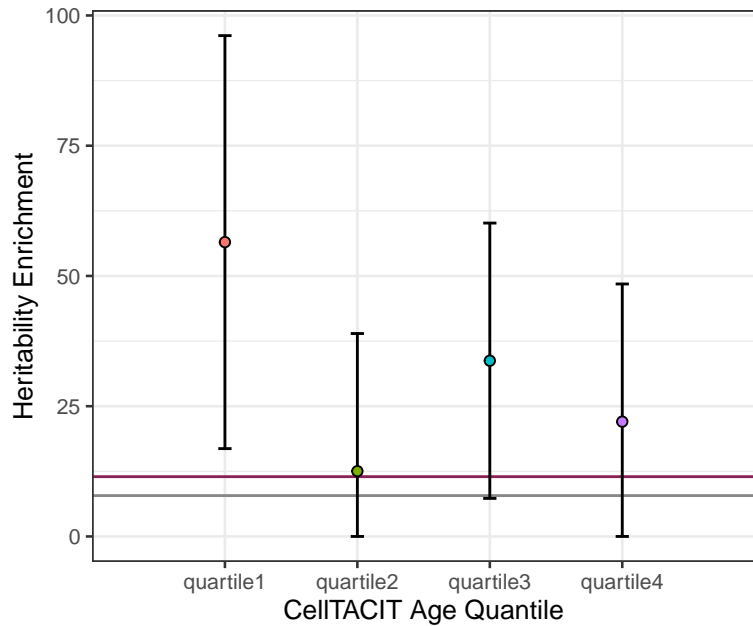
phyloP.Con

peaktype



quartile

Astro, Headache\_E



quantile



quartile1



quartile2

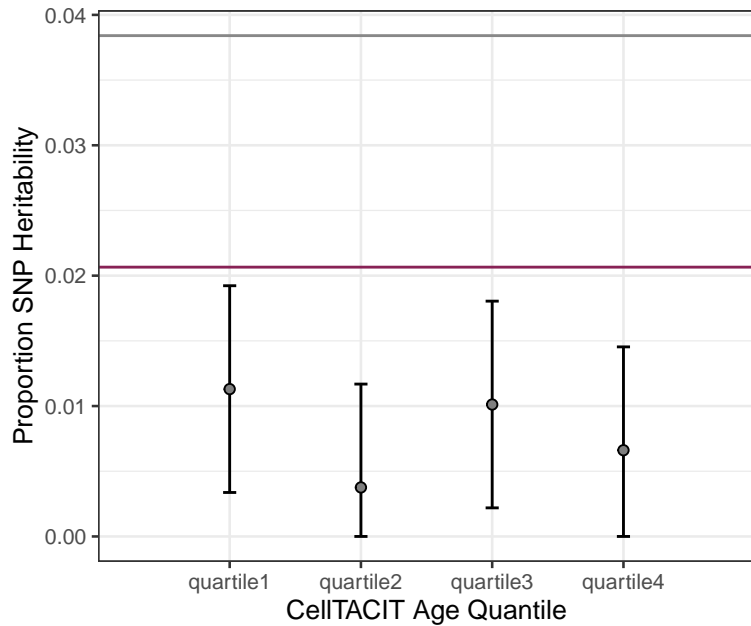


quartile3



quartile4

Astro, Headache\_E



Zoonomia



phyloP.Acc



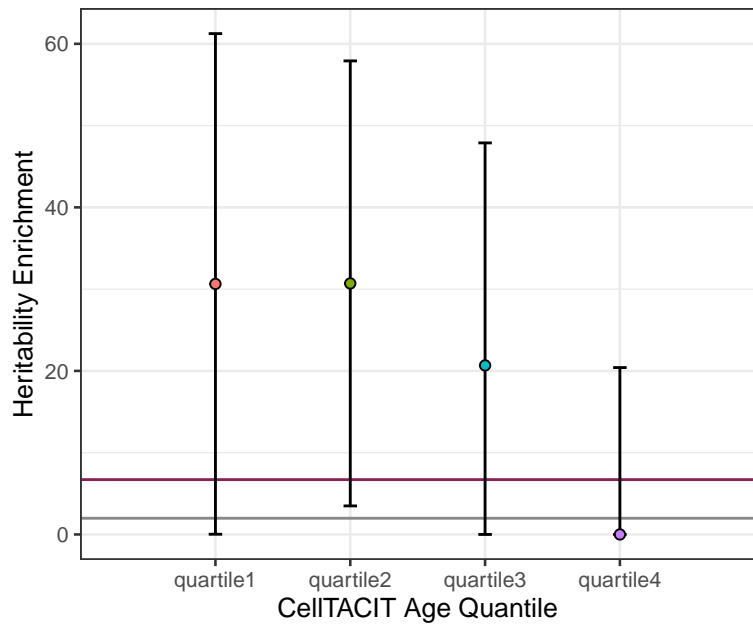
phyloP.Con

peaktype



quartile

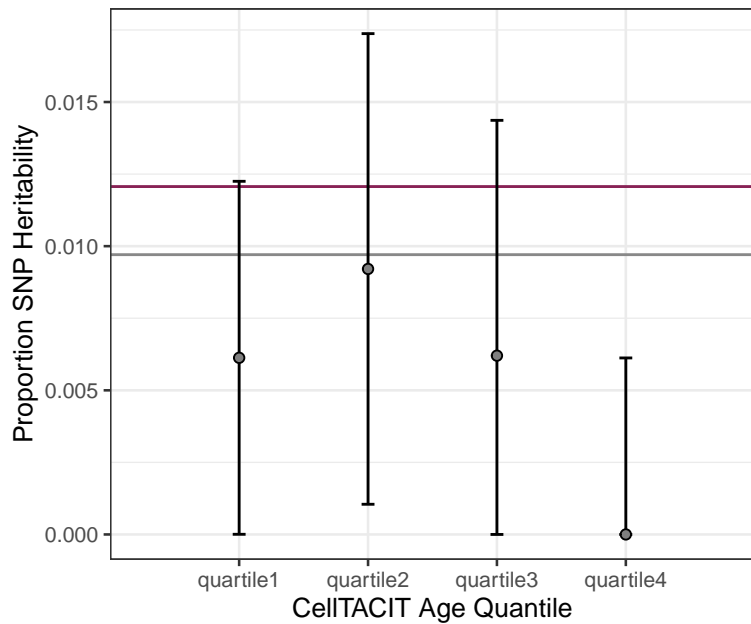
Astro, DaySleepiness\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, DaySleepiness\_E



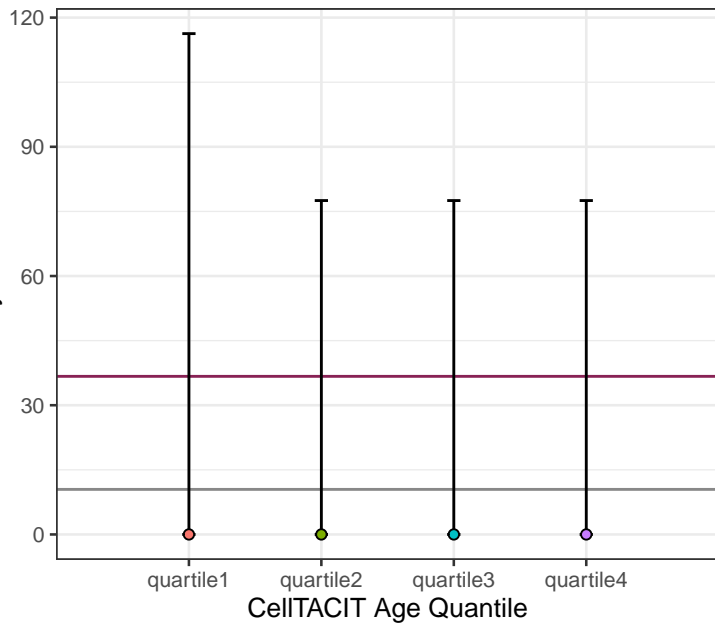
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

Astro, Dozing\_E



quantile



quartile1



quartile2

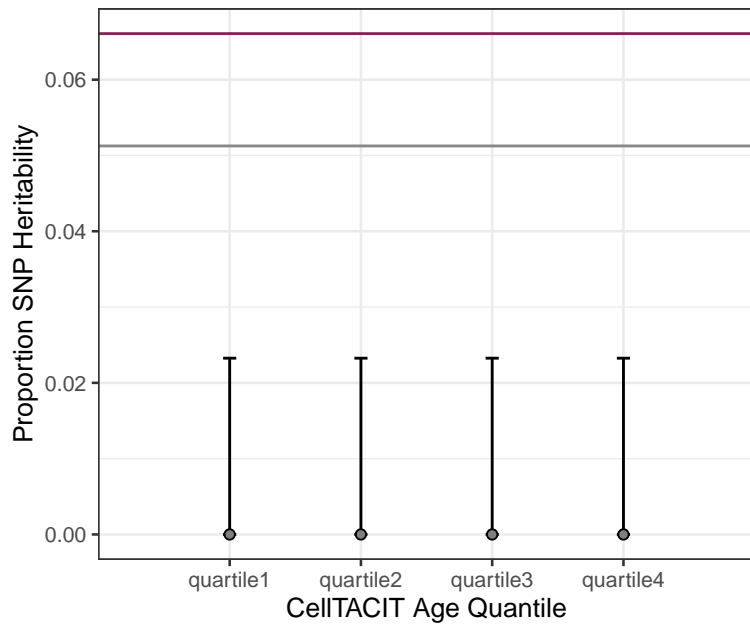


quartile3



quartile4

Astro, Dozing\_E



Zoonomia



phyloP.Acc



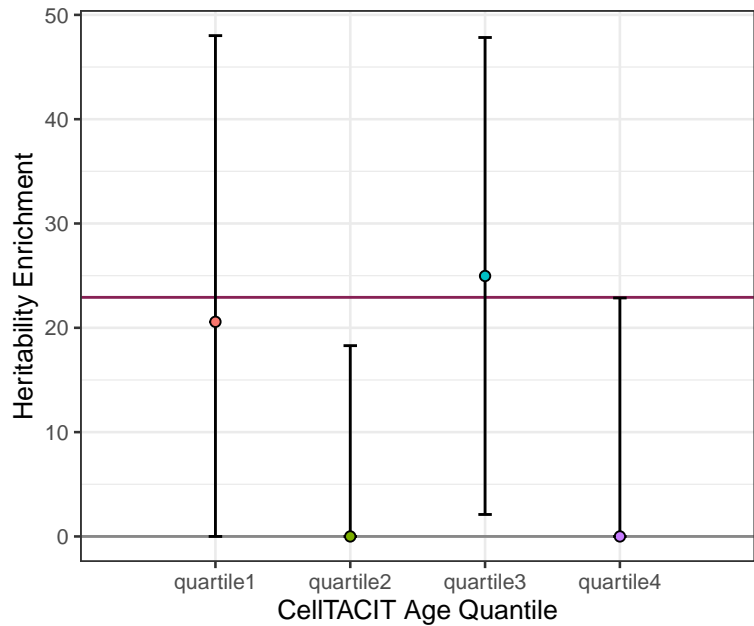
phyloP.Con

peaktype



quartile

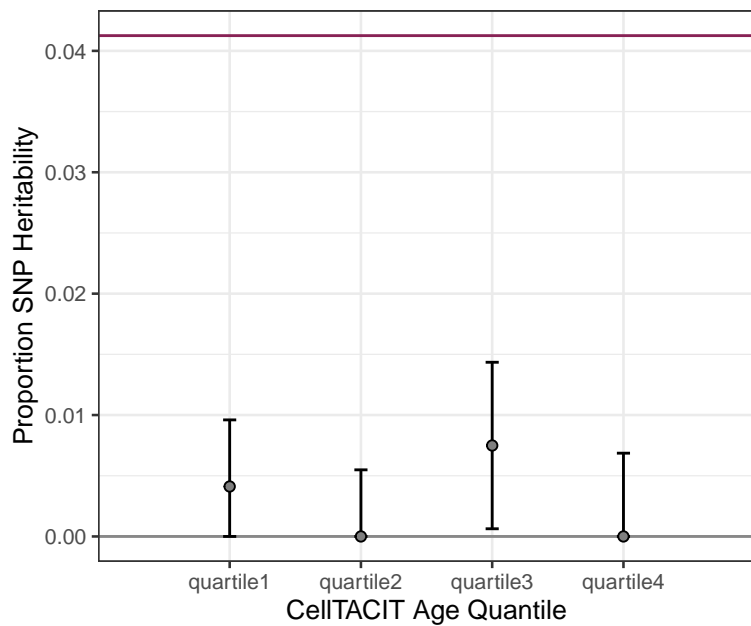
Astro, Gettingup\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, Gettingup\_E



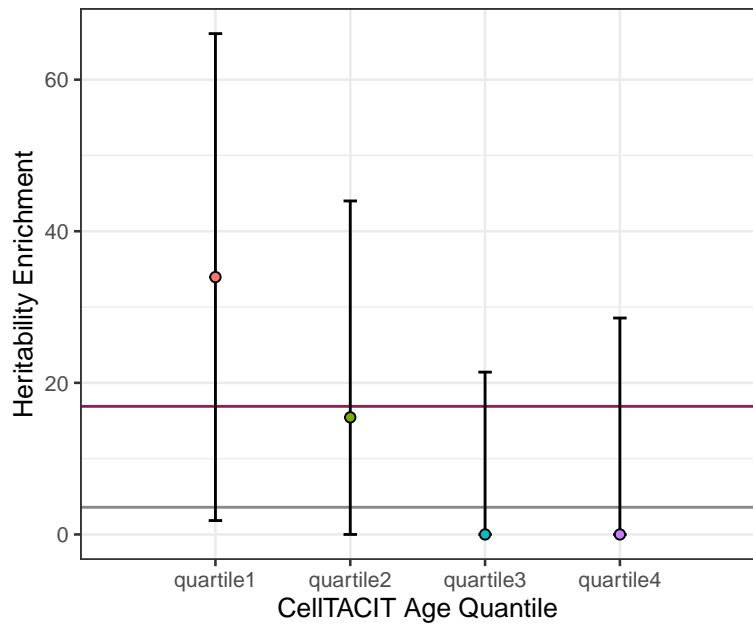
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

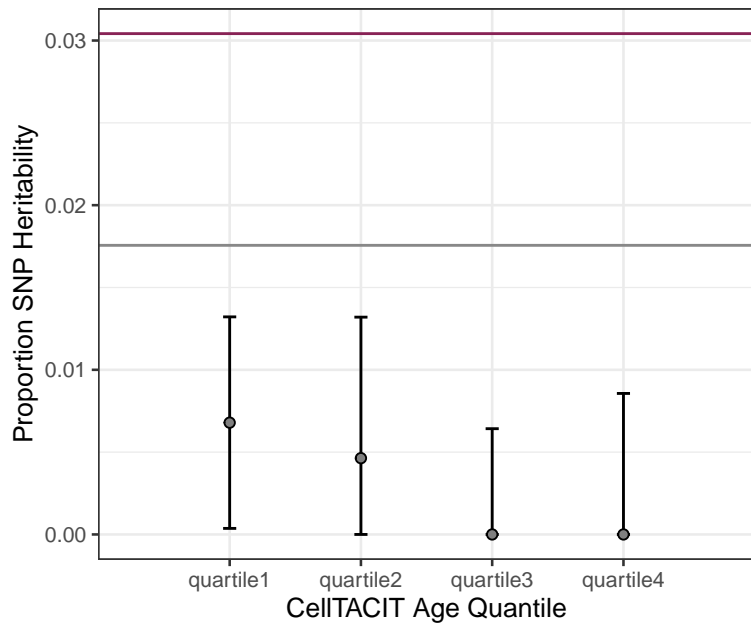
Astro, Insomnia\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, Insomnia\_E



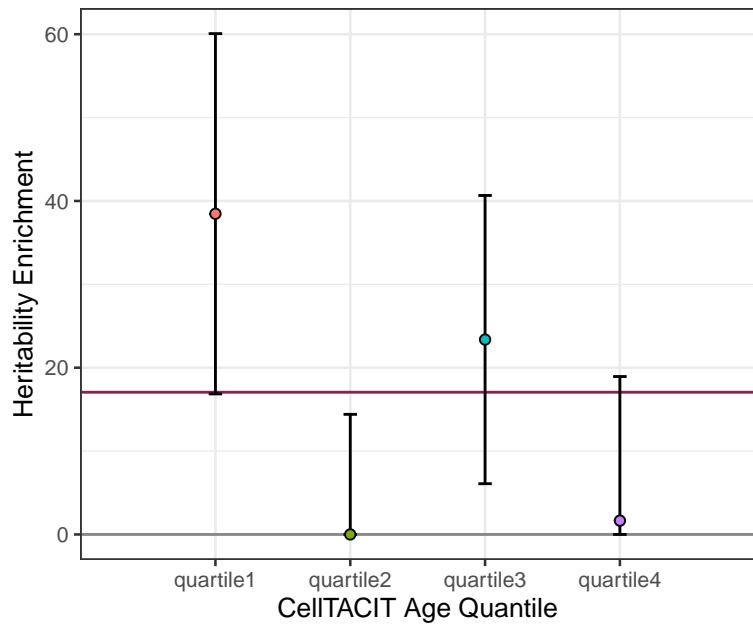
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

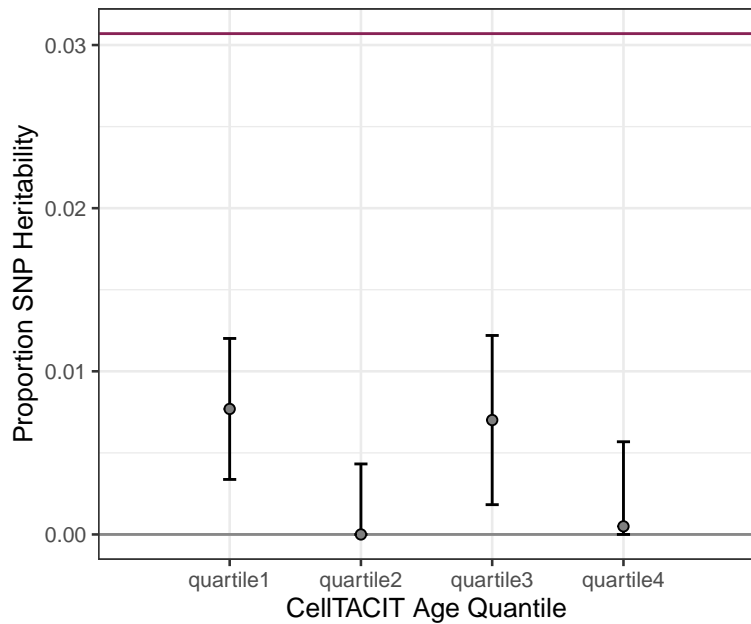
Astro, Morningness\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, Morningness\_E



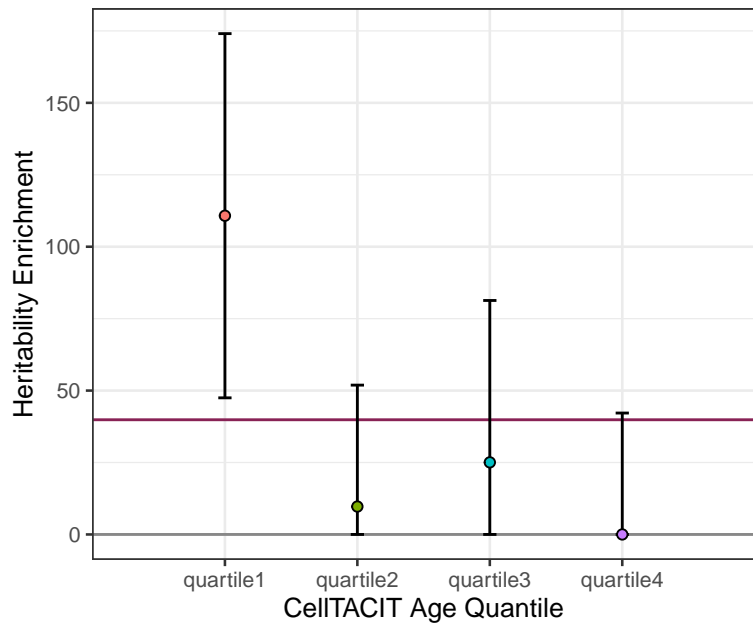
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

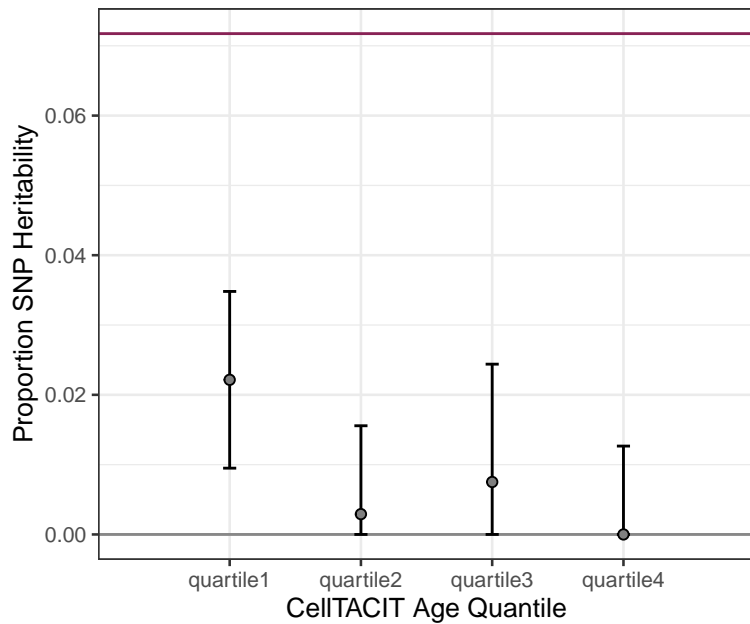
Astro, Napping\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, Napping\_E



Zoonomia

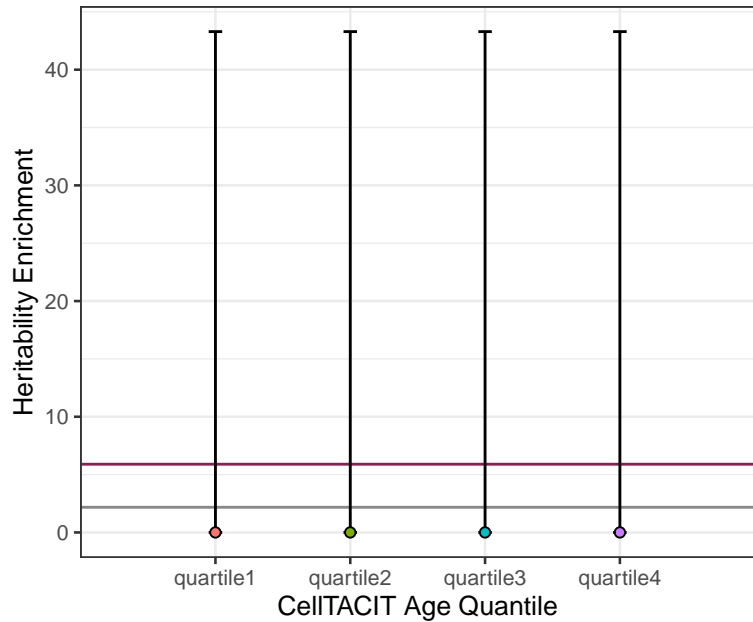
phyloP.Acc phyloP.Con

peaktype

quartile



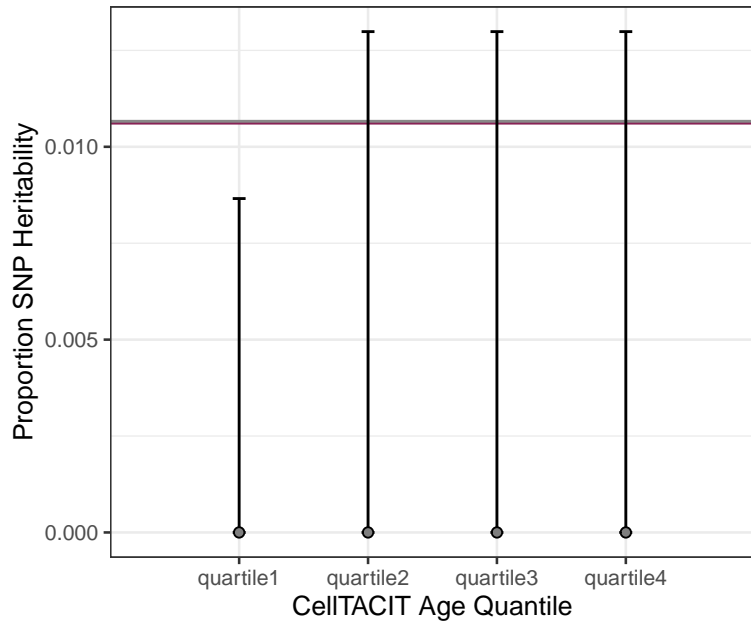
Astro, SleepDurLong\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, SleepDurLong\_E



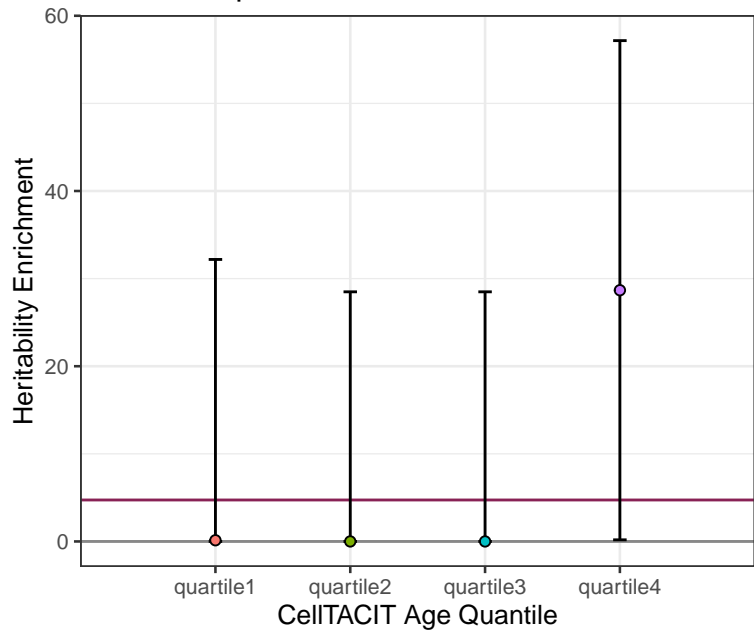
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

Astro, SleepDurShort\_E



quantile



quartile1



quartile2

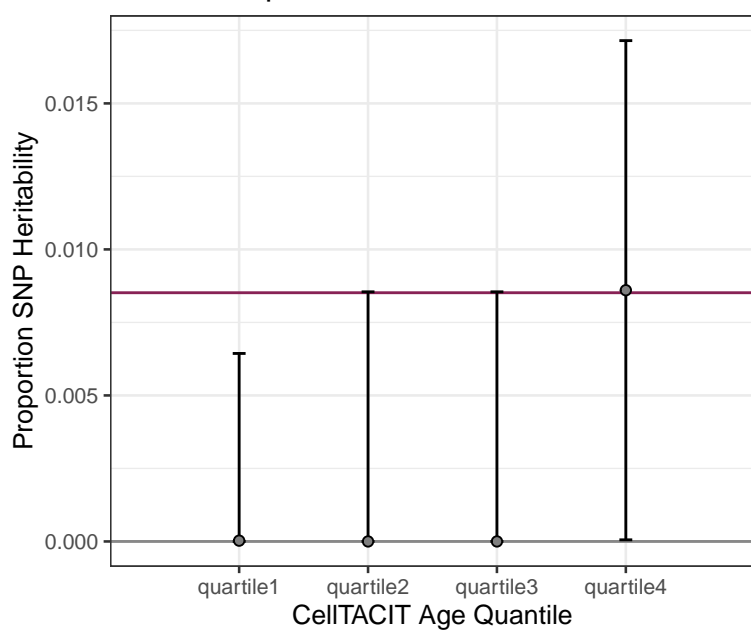


quartile3



quartile4

Astro, SleepDurShort\_E



Zoonomia



phyloP.Acc



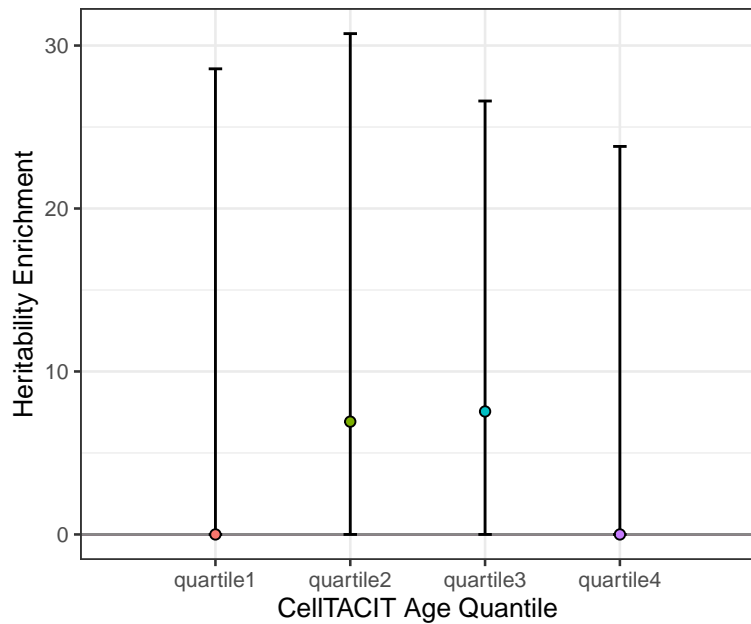
phyloP.Con

peaktype



quartile

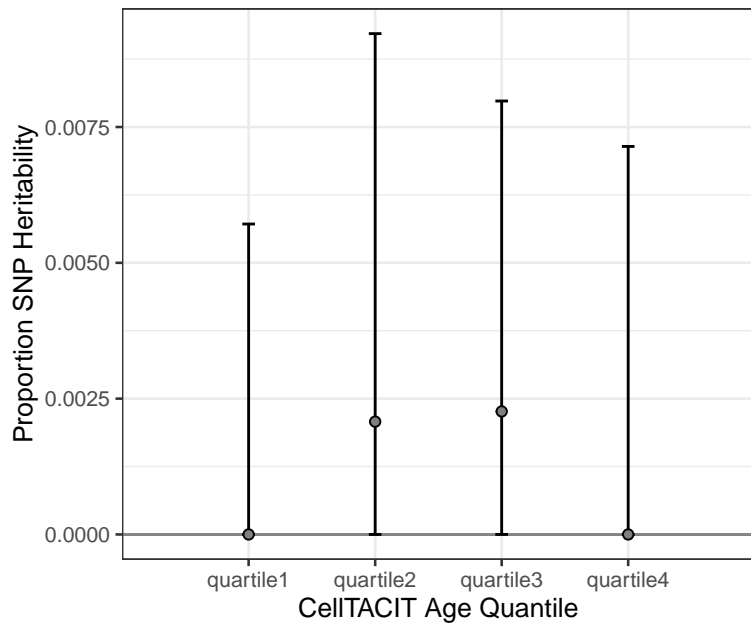
Astro, SleepDurTot\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, SleepDurTot\_E



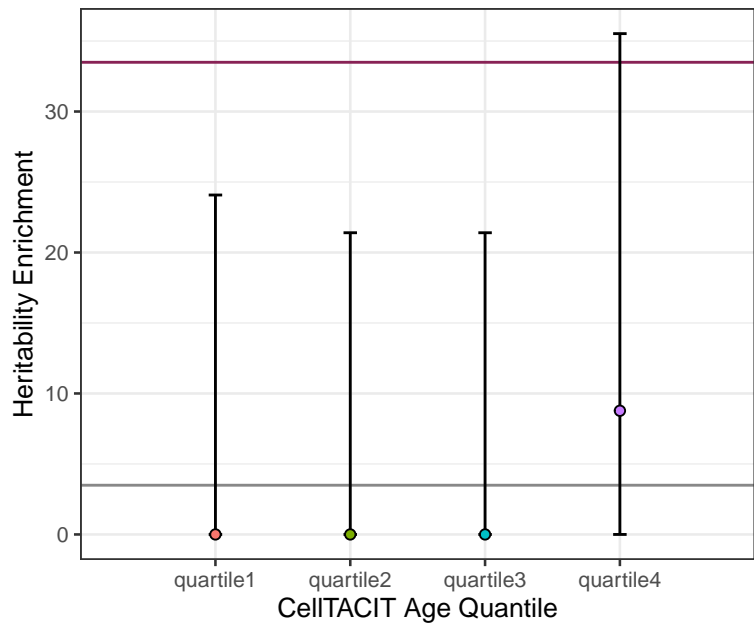
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

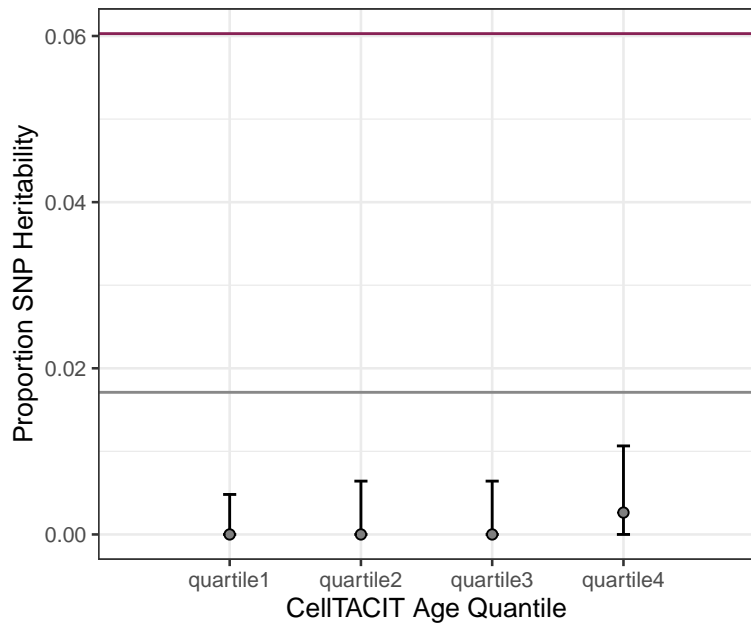
Astro, Snoring\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, Snoring\_E



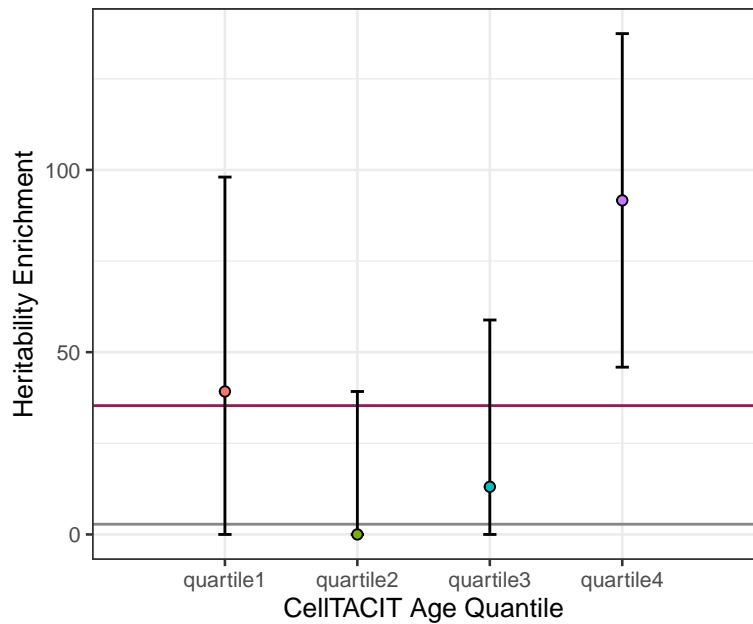
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

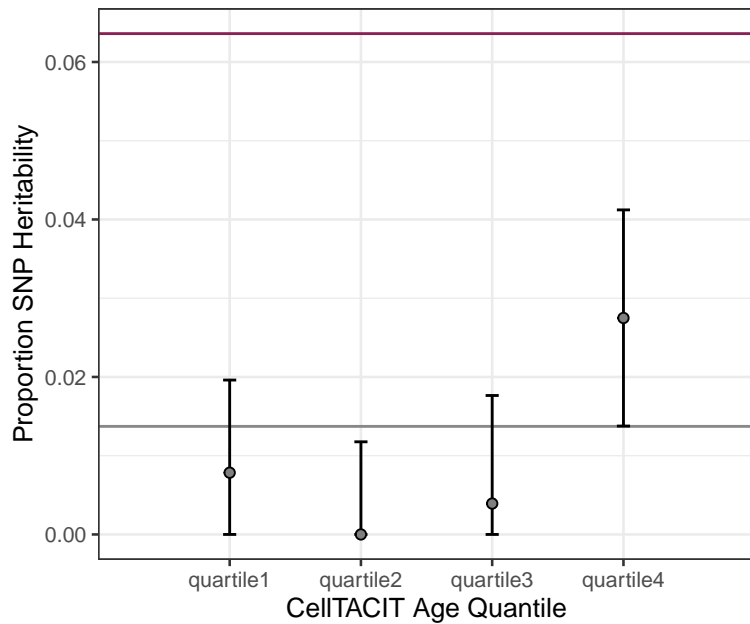
Astro, BloodUrea\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, BloodUrea\_E



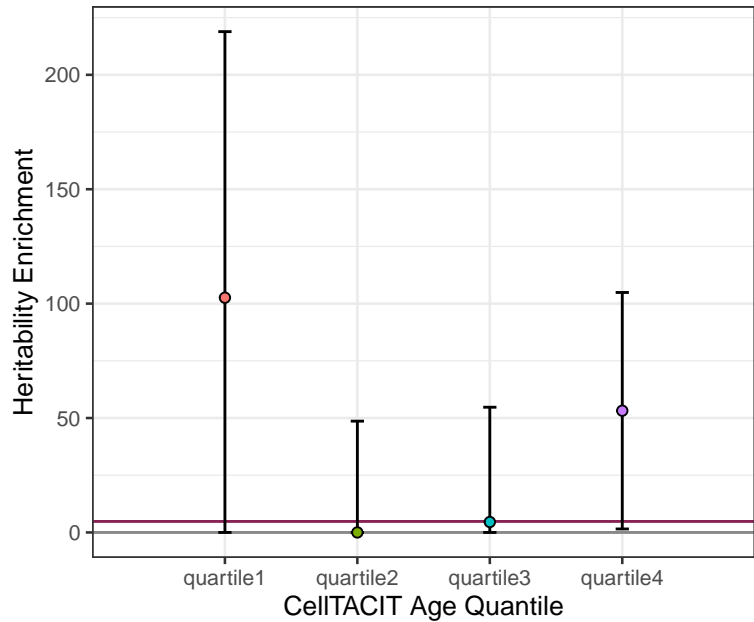
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

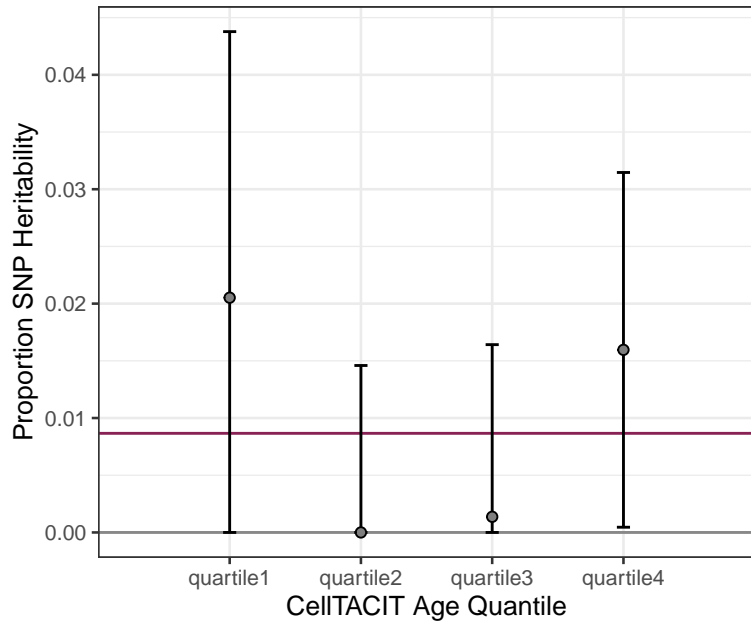
Astro, HDL\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, HDL\_E



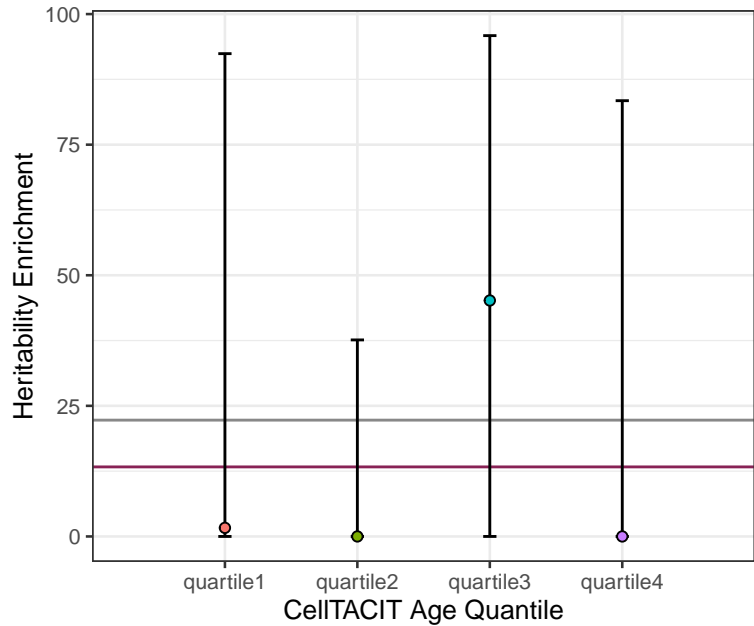
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

Astro, LDL\_E



quantile



quartile1



quartile2

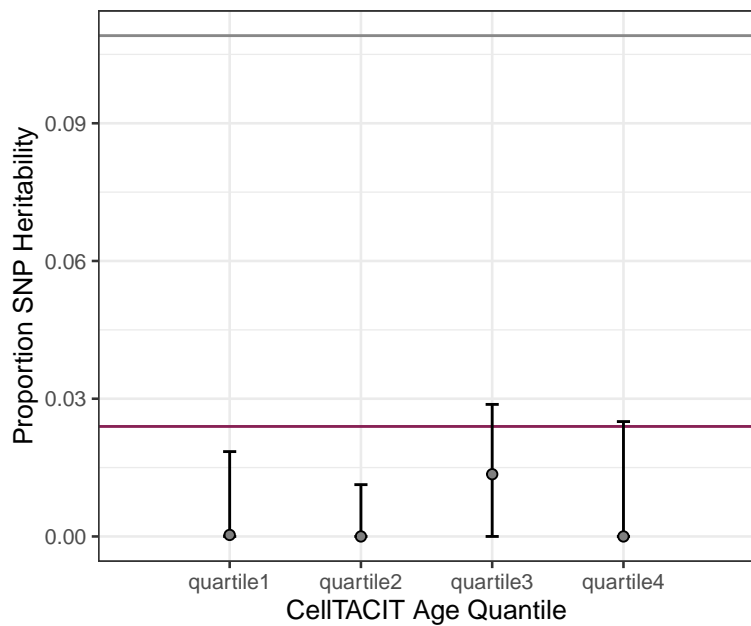


quartile3



quartile4

Astro, LDL\_E



Zoonomia



phyloP.Acc



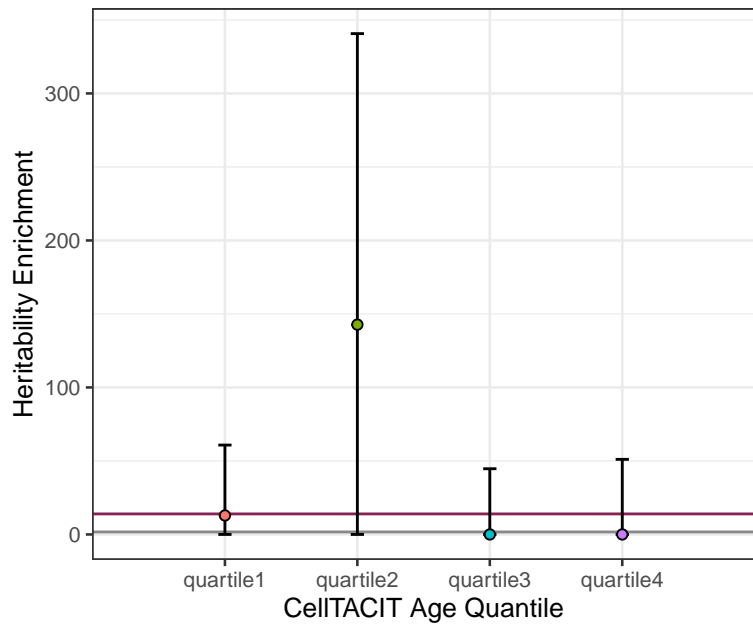
phyloP.Con

peaktype



quartile

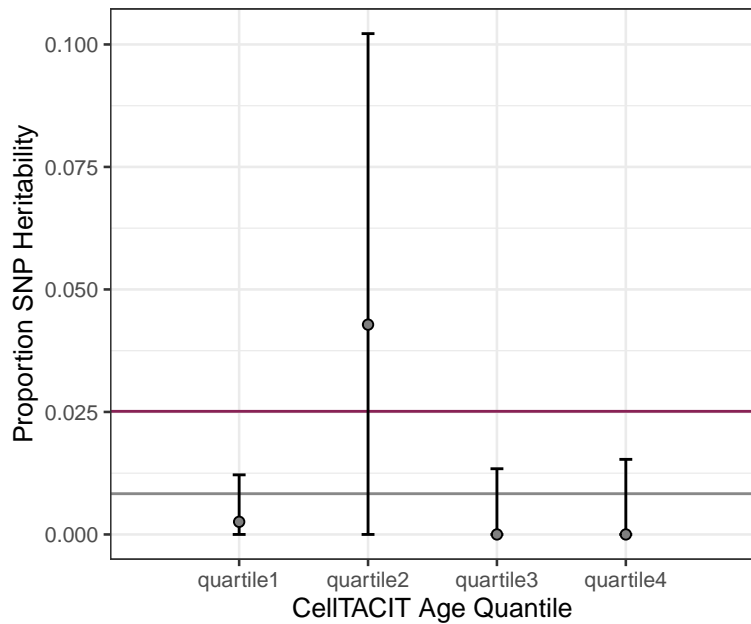
Astro, T2Diabetes\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, T2Diabetes\_E



Zoonomia

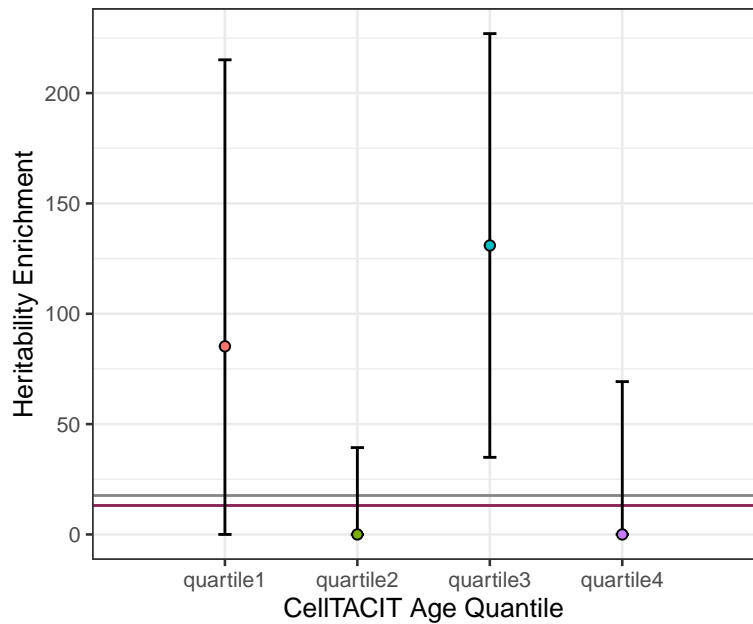
phyloP.Acc phyloP.Con

peaktype

quartile



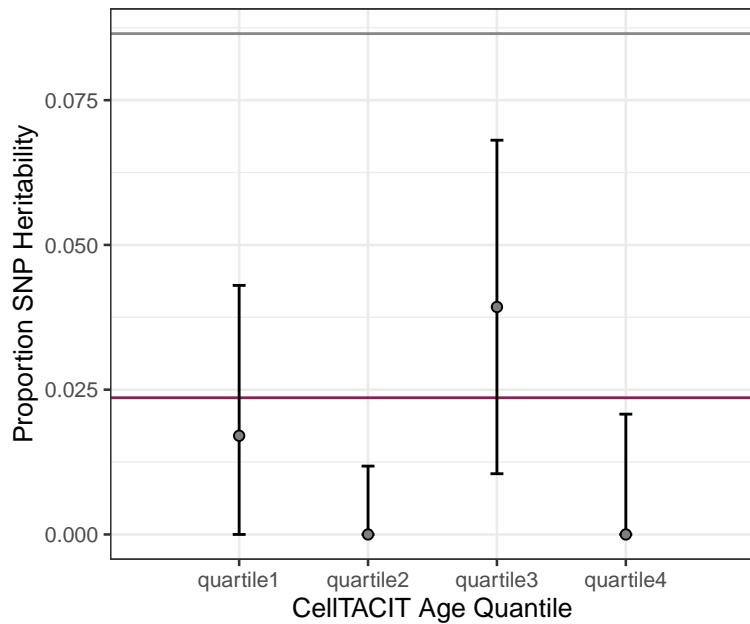
Astro, TotCholesterol\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, TotCholesterol\_E



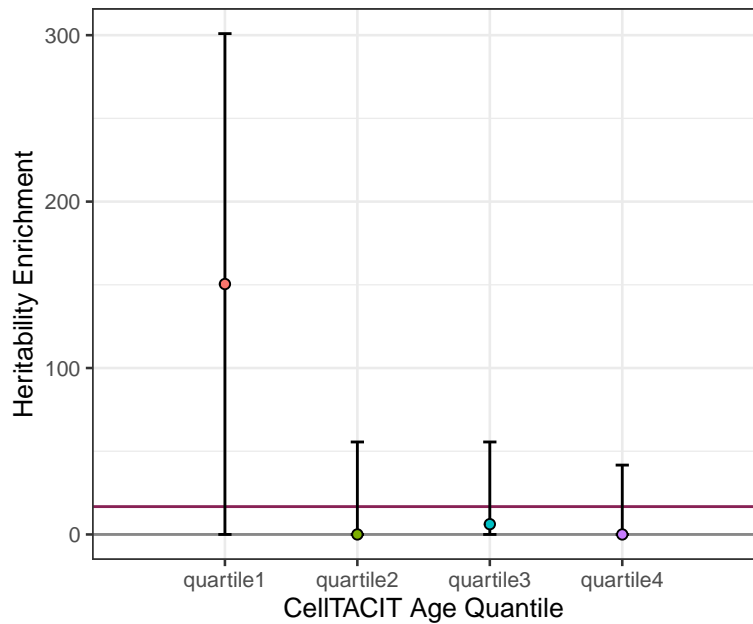
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

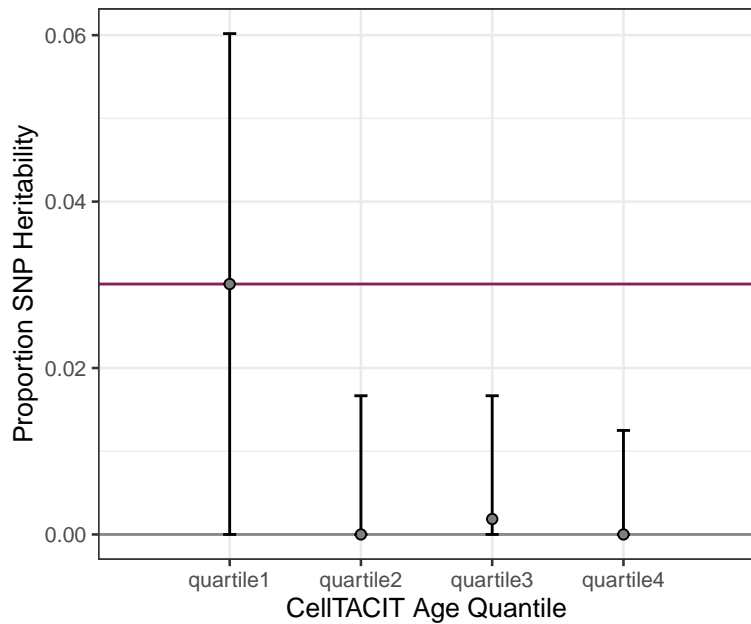
Astro, Triglycerides\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, Triglycerides\_E



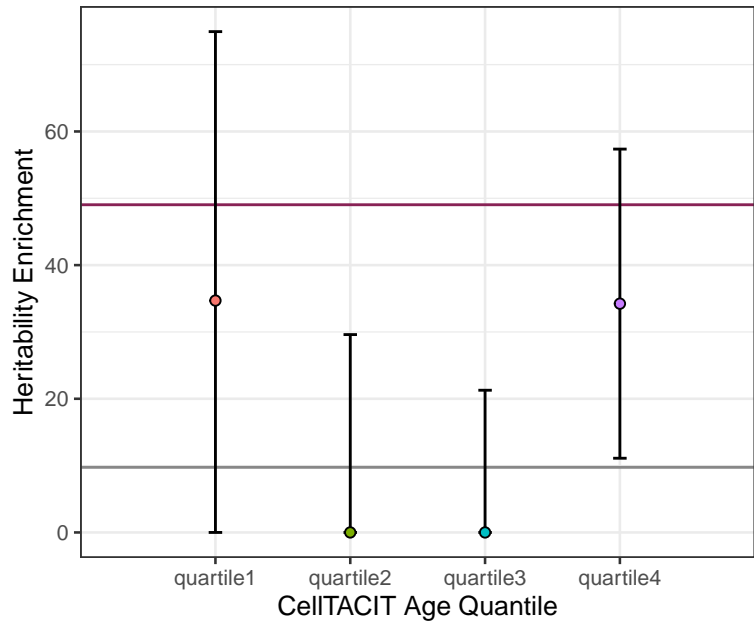
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

Astro, BMD\_E



quantile



quartile1



quartile2

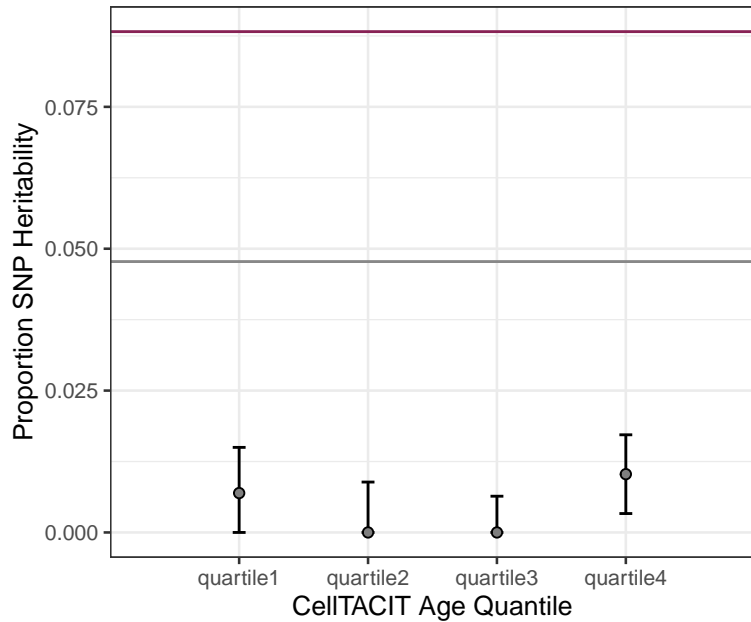


quartile3



quartile4

Astro, BMD\_E



Zoonomia



phyloP.Acc



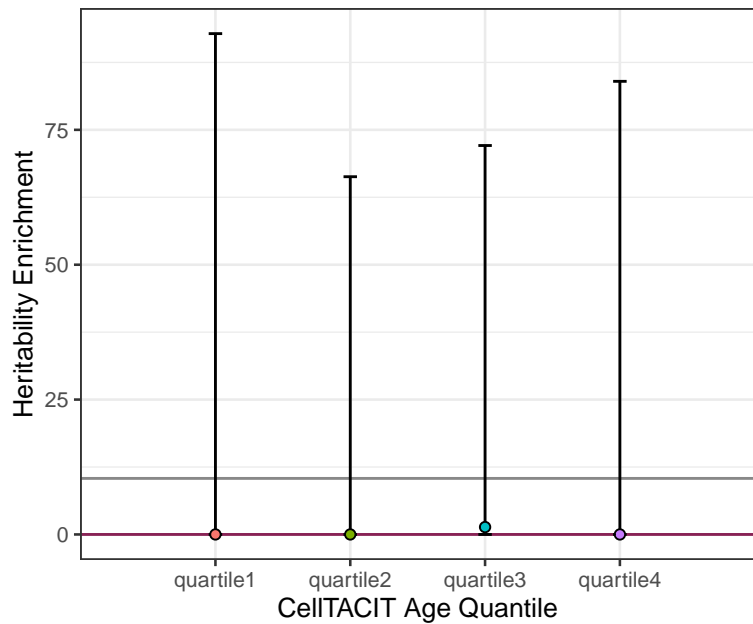
phyloP.Con

peaktype



quartile

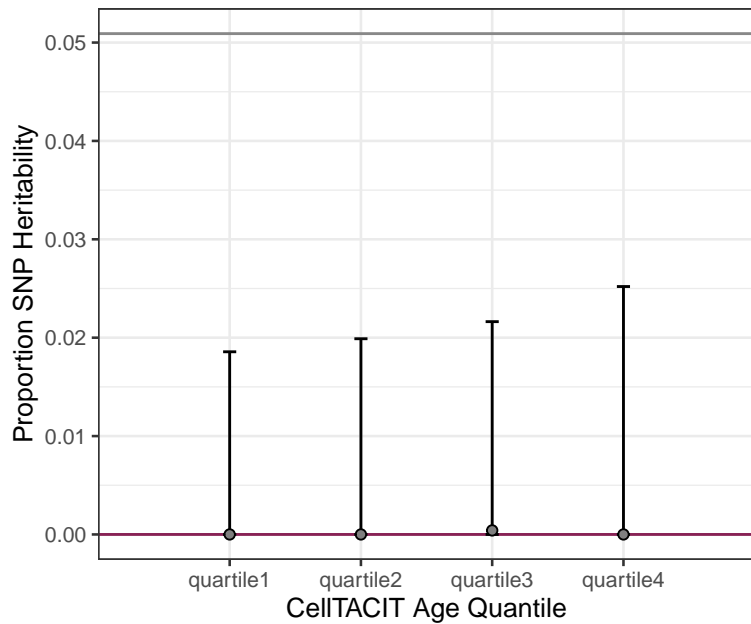
Astro, CAD\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, CAD\_E



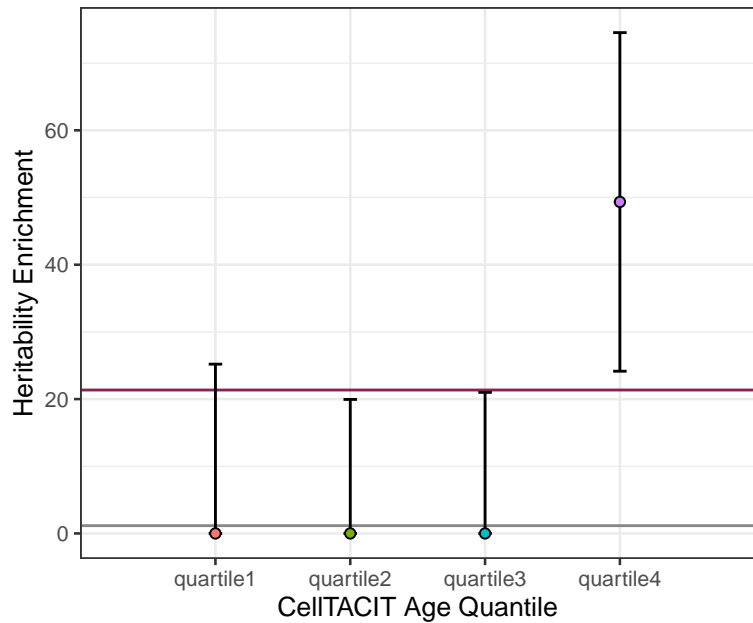
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

Astro, Height\_E



quantile



quartile1



quartile2

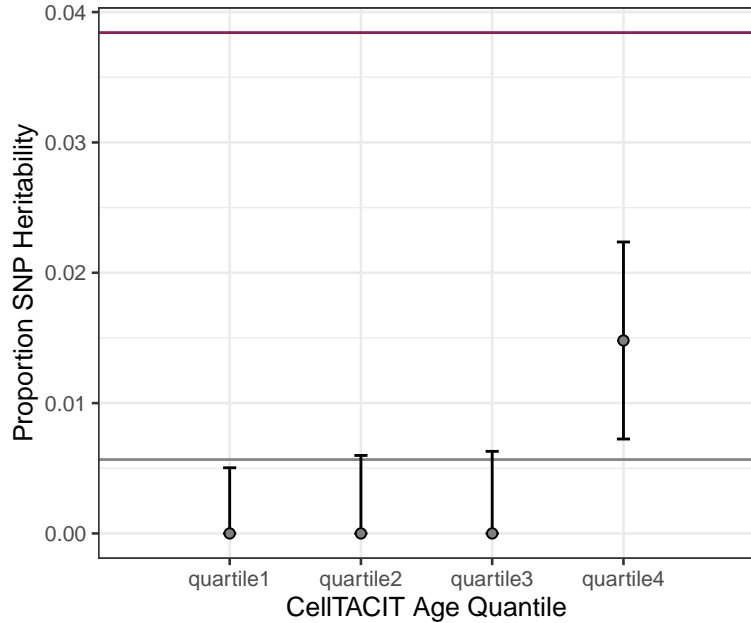


quartile3



quartile4

Astro, Height\_E



Zoonomia



phyloP.Acc



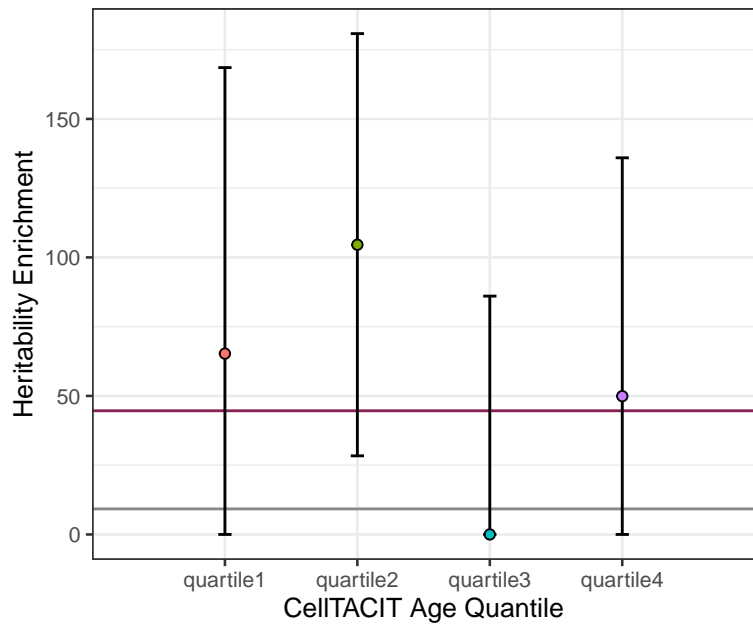
phyloP.Con

peaktype



quartile

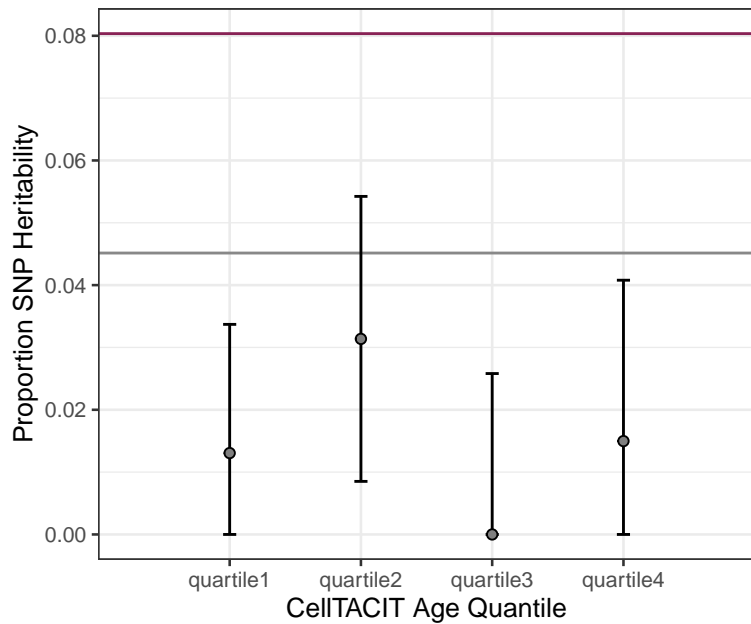
Astro, LBM\_E



quantile

quartile1 quartile2 quartile3 quartile4

Astro, LBM\_E



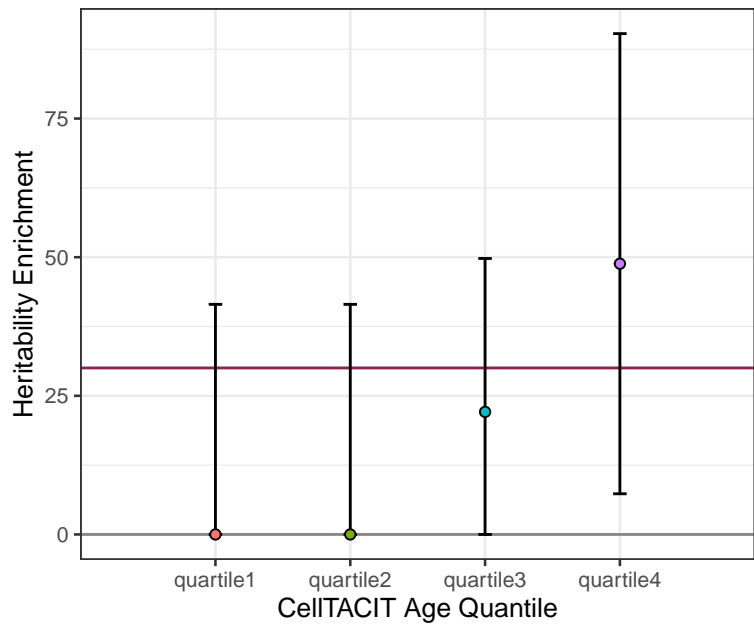
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

Astro, Longevity\_E



quantile



quartile1



quartile2

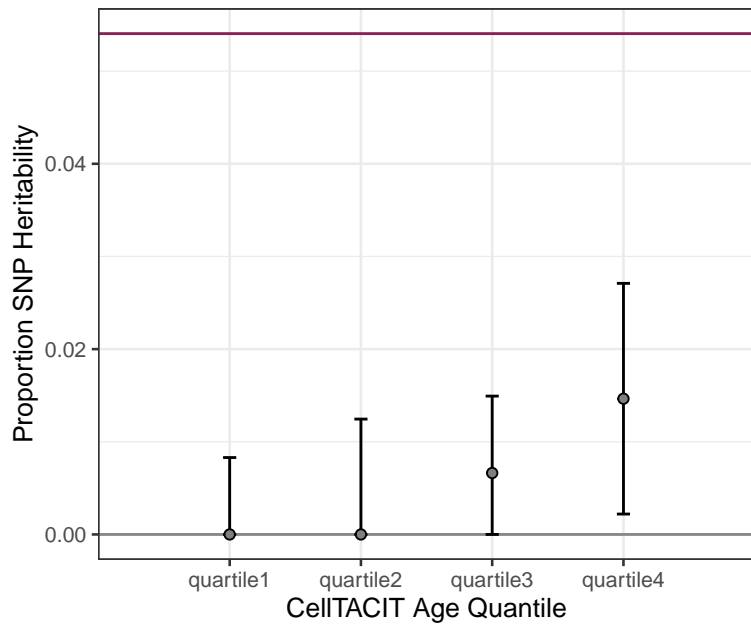


quartile3



quartile4

Astro, Longevity\_E



Zoonomia



phyloP.Acc



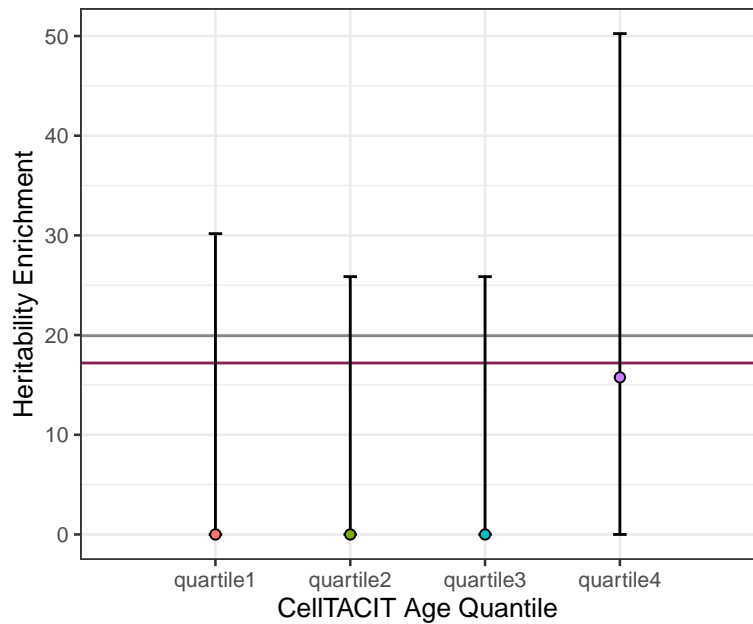
phyloP.Con

peaktype



quartile

Astro, WHRadjBMI\_E



quantile



quartile1



quartile2

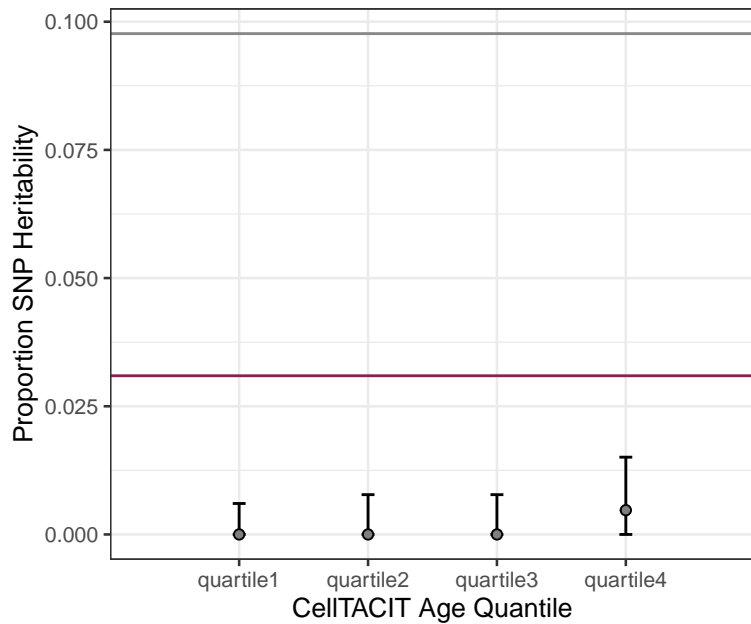


quartile3



quartile4

Astro, WHRadjBMI\_E



Zoonomia



phyloP.Acc



phyloP.Con

peaktype



quartile