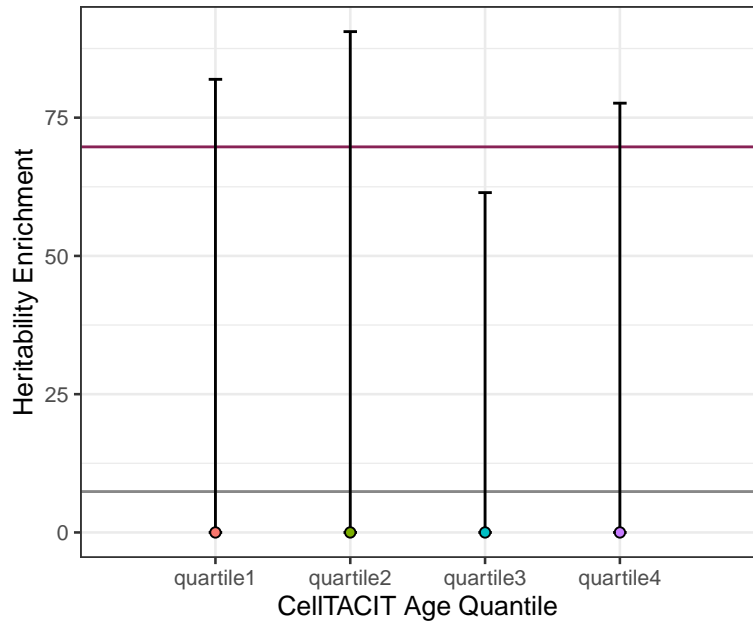


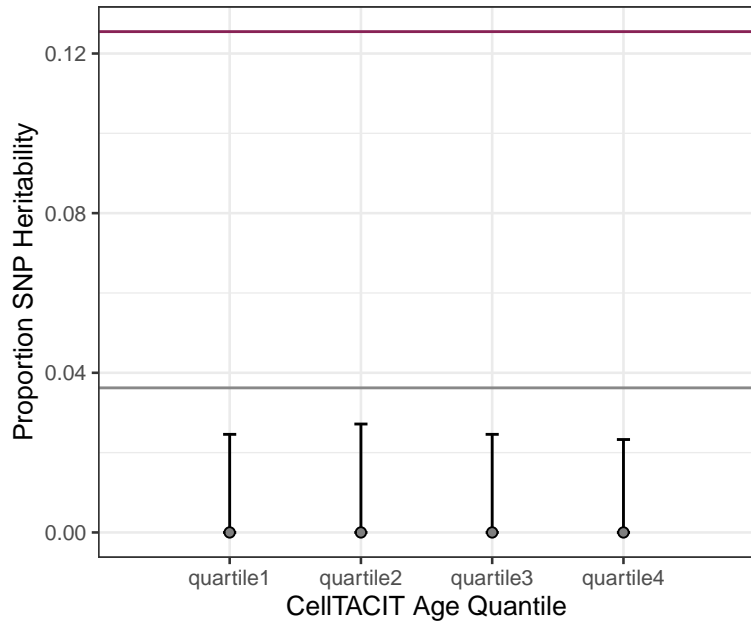
MSN\_D1, AD\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, AD\_E



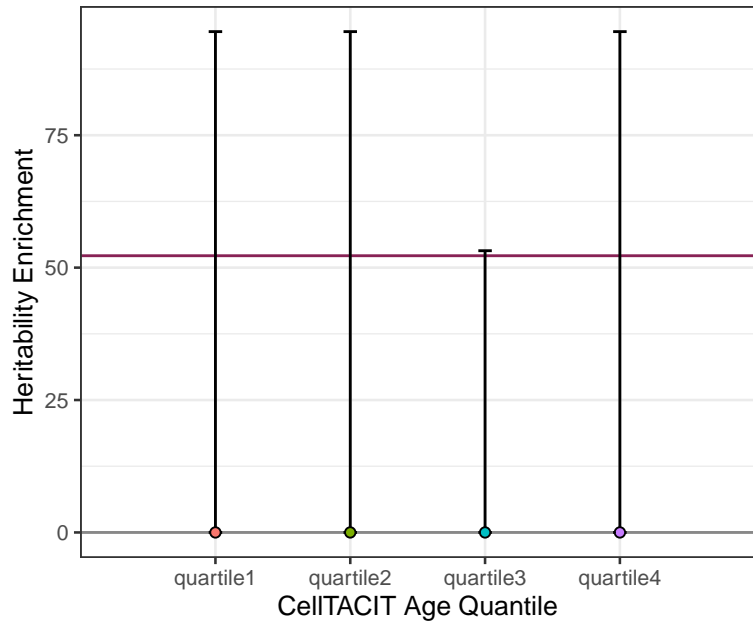
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

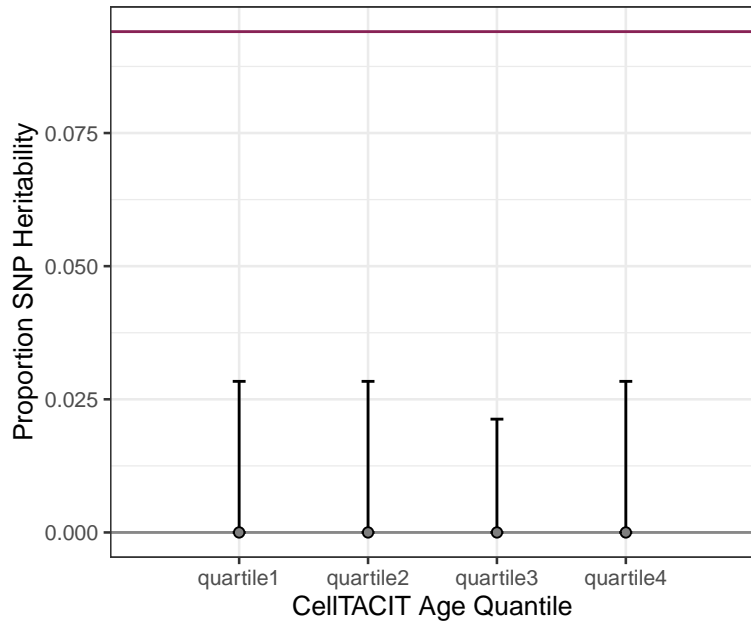
MSN\_D1, AD-ADBP\_E



quartile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, AD-ADBP\_E



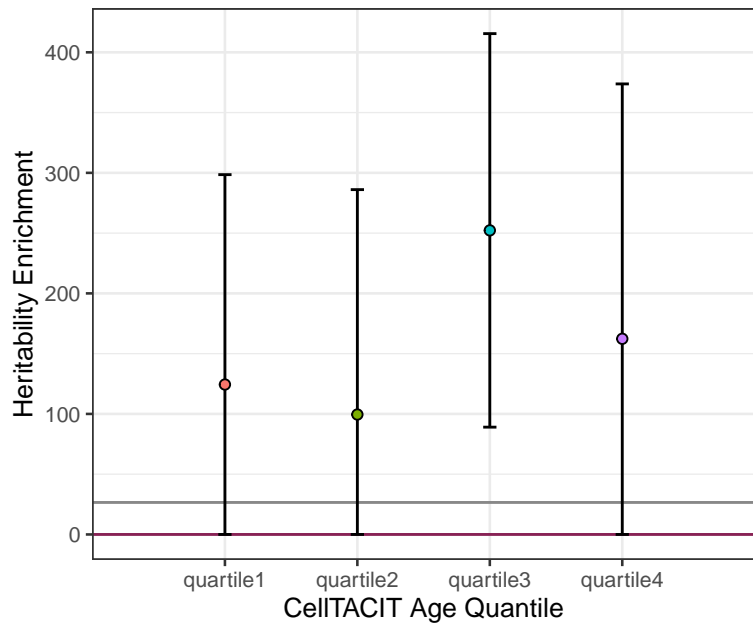
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

MSN\_D1, ALS\_E



quantile



quartile1



quartile2

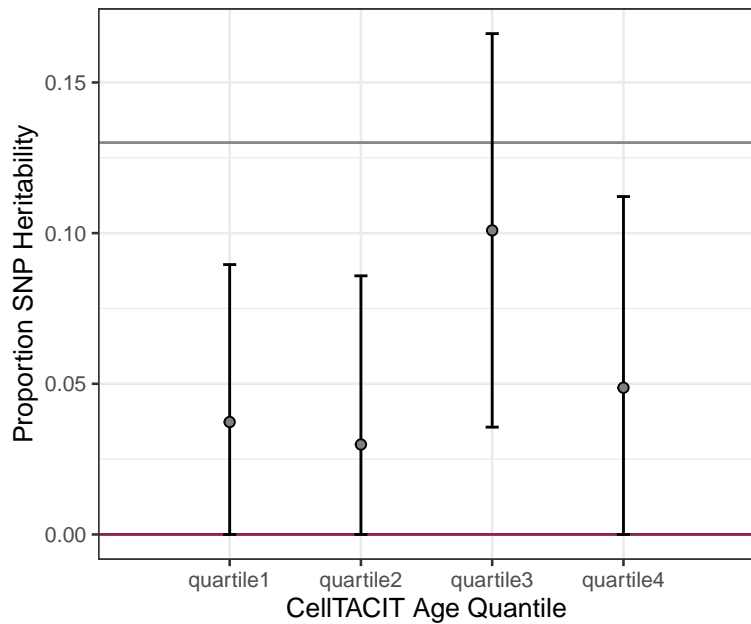


quartile3



quartile4

MSN\_D1, ALS\_E



Zoonomia



phyloP.Acc



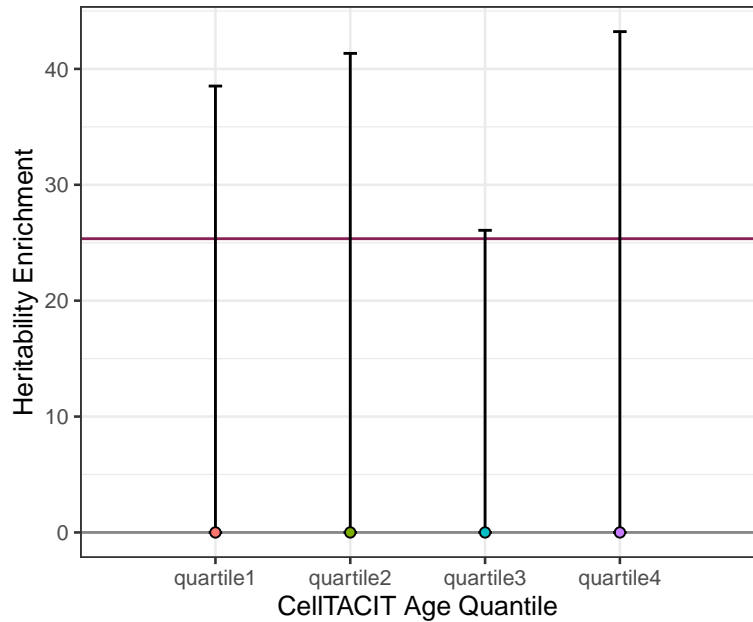
phyloP.Con

peaktype



quartile

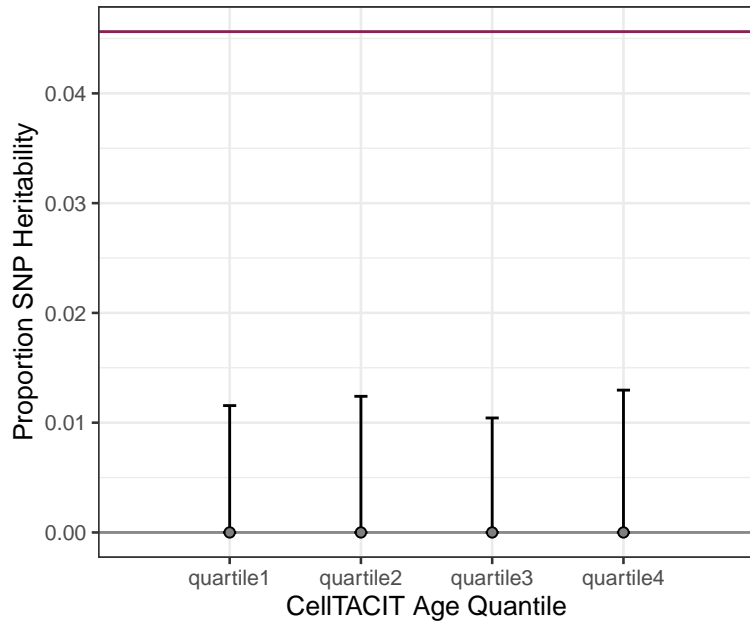
MSN\_D1, AMD\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, AMD\_E



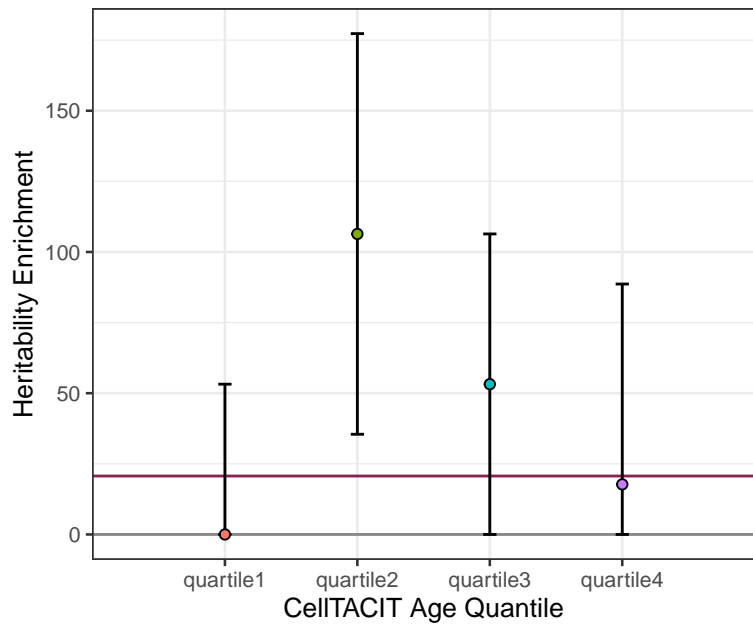
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

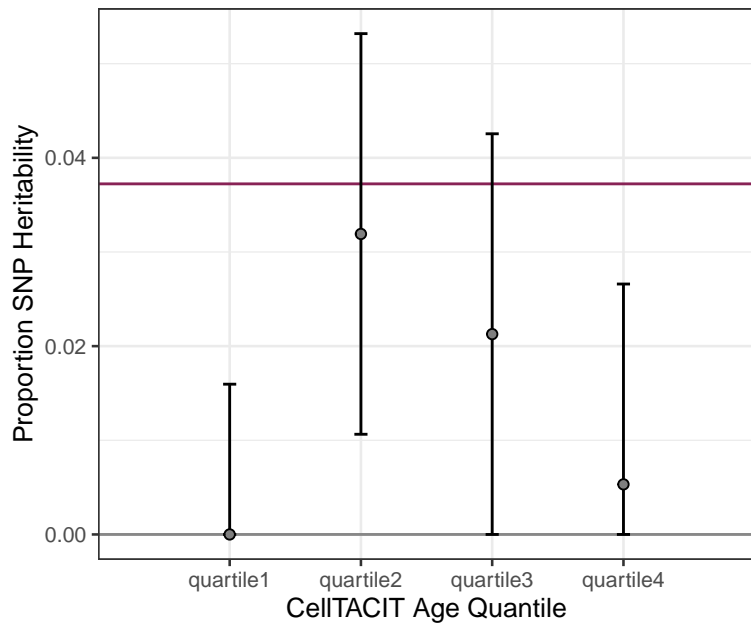
MSN\_D1, PD-PDBP\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, PD-PDBP\_E



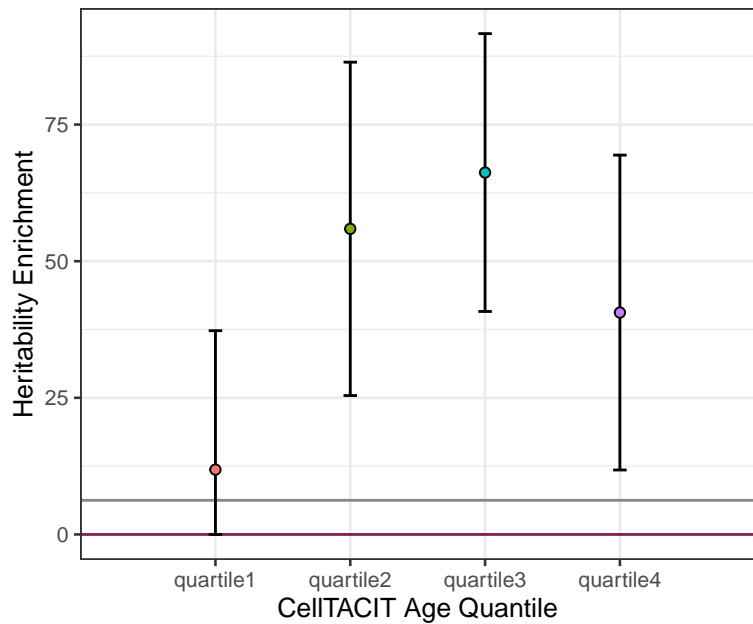
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

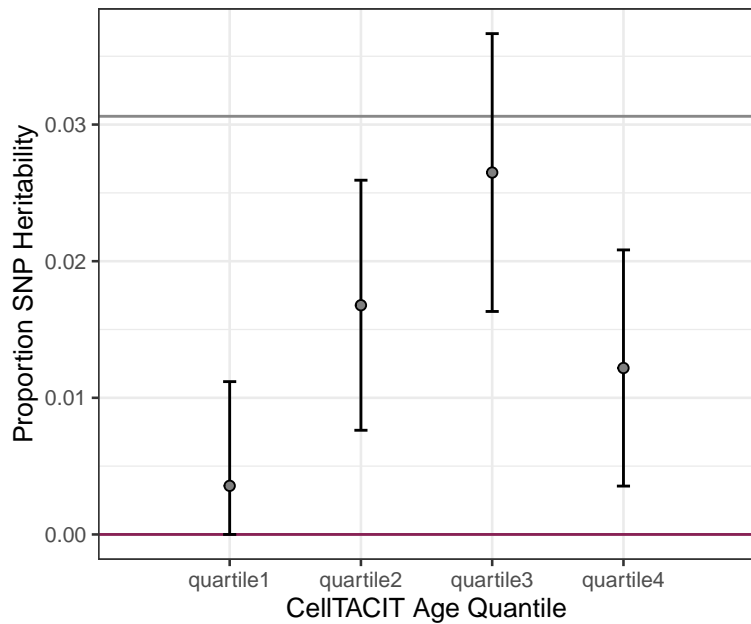
MSN\_D1, Cross-Psych\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, Cross-Psych\_E



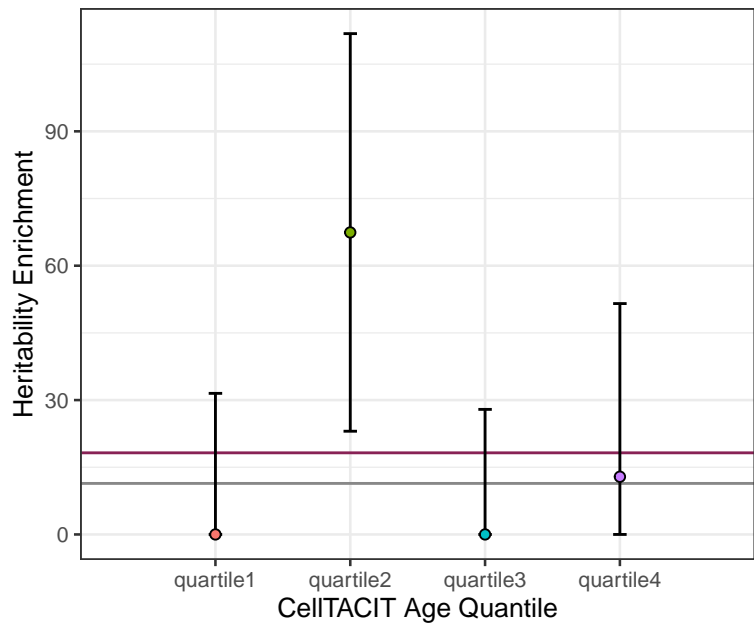
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

MSN\_D1, ADHD\_E



quantile



quartile1



quartile2

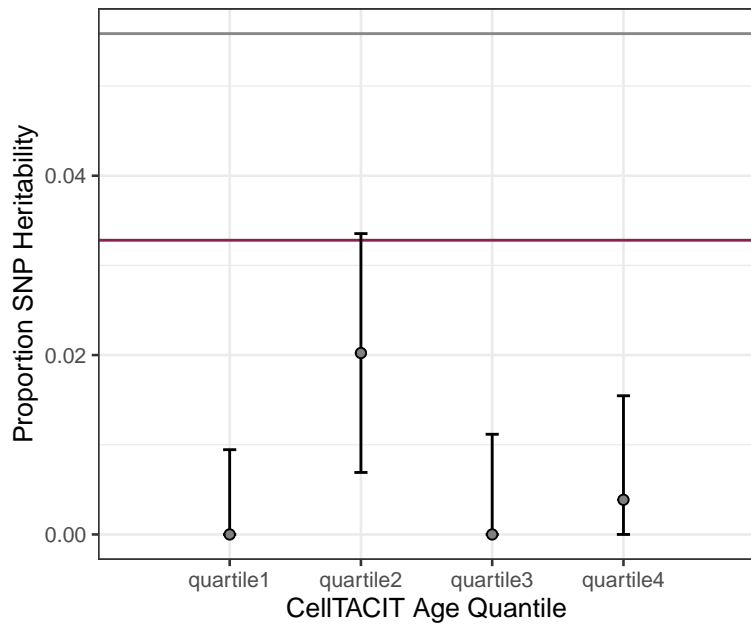


quartile3



quartile4

MSN\_D1, ADHD\_E



Zoonomia



phyloP.Acc



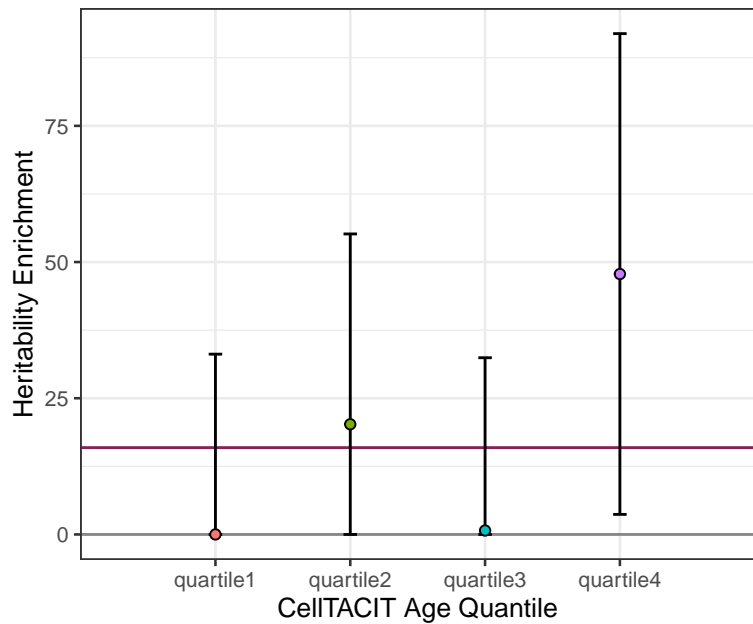
phyloP.Con

peaktype



quartile

MSN\_D1, Anorexia\_E



quantile



quartile1



quartile2

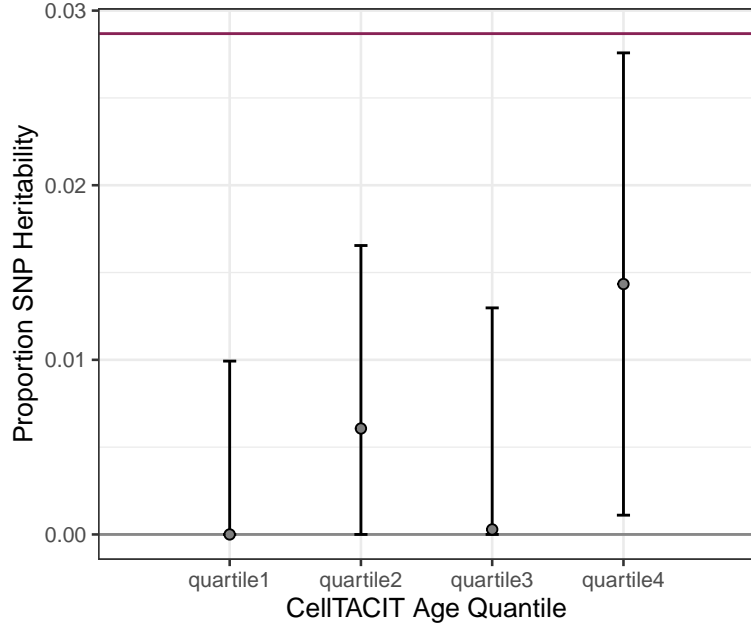


quartile3



quartile4

MSN\_D1, Anorexia\_E



Zoonomia



phyloP.Acc



phyloP.Con

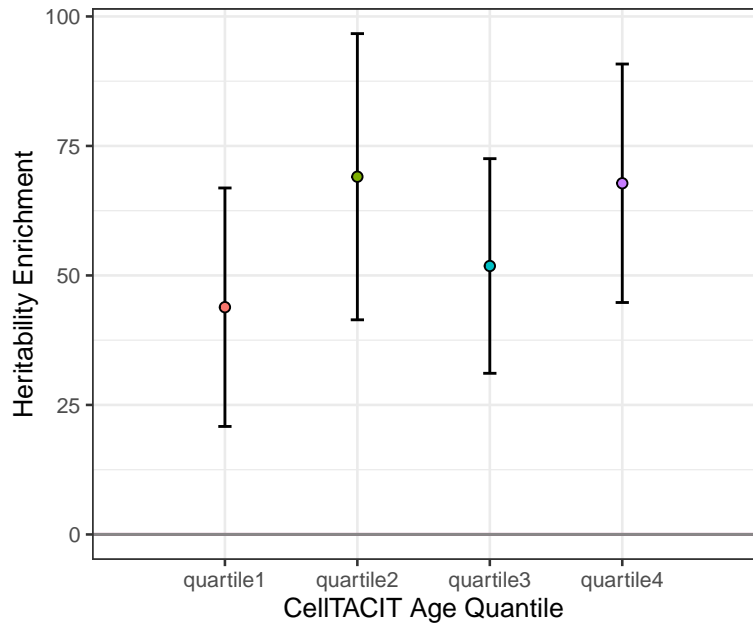
peaktype



quartile



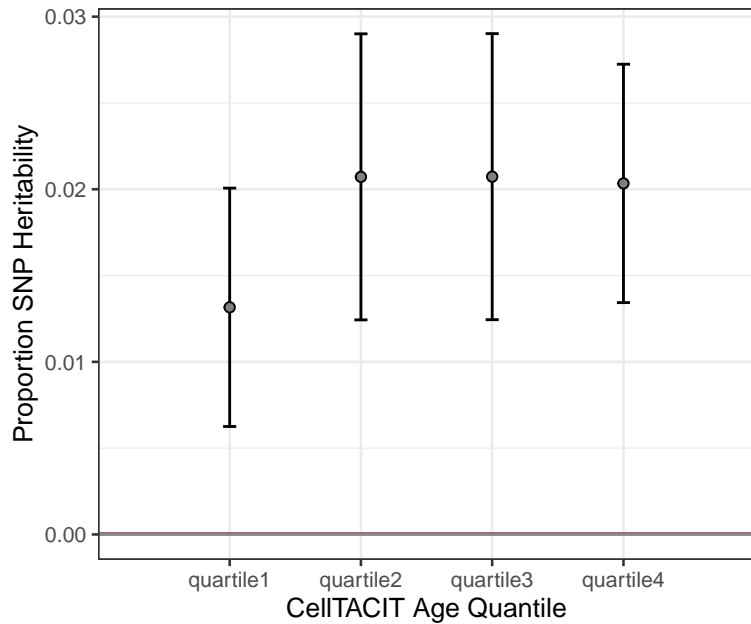
MSN\_D1, Bipolar\_E



quartile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, Bipolar\_E



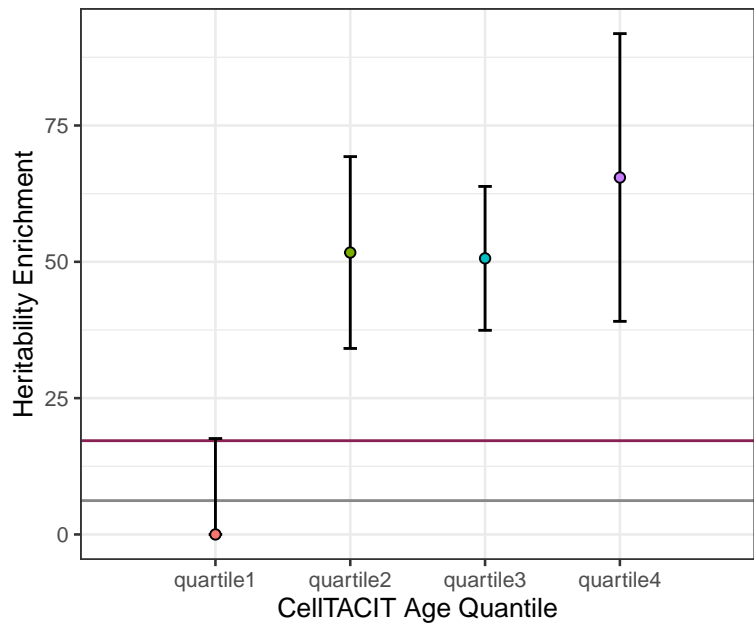
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

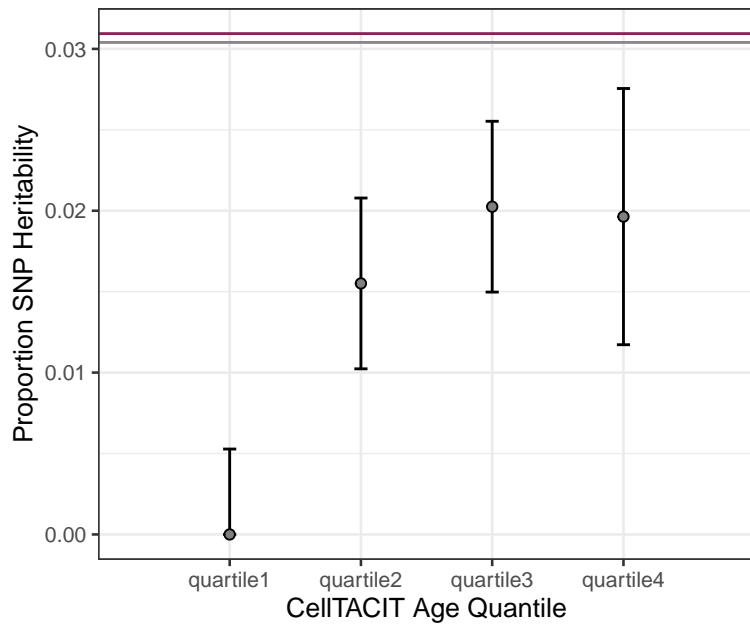
MSN\_D1, Depression\_E



quartile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, Depression\_E



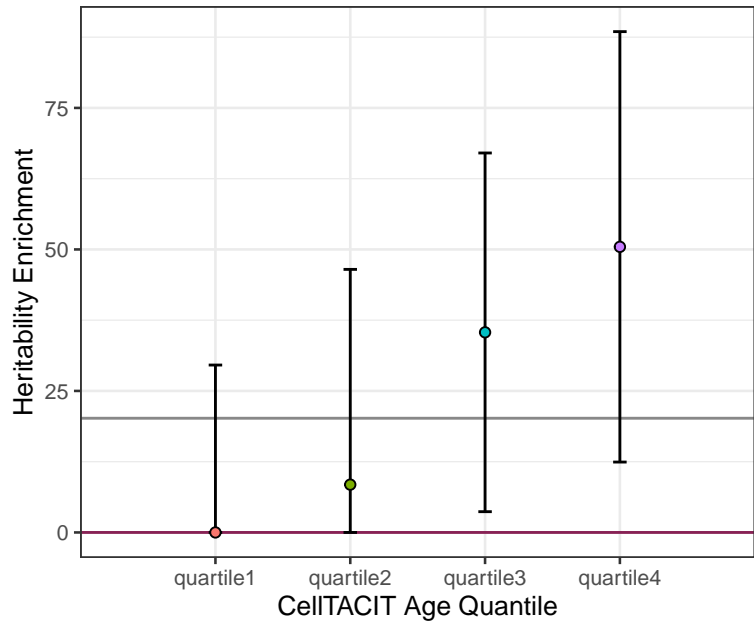
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

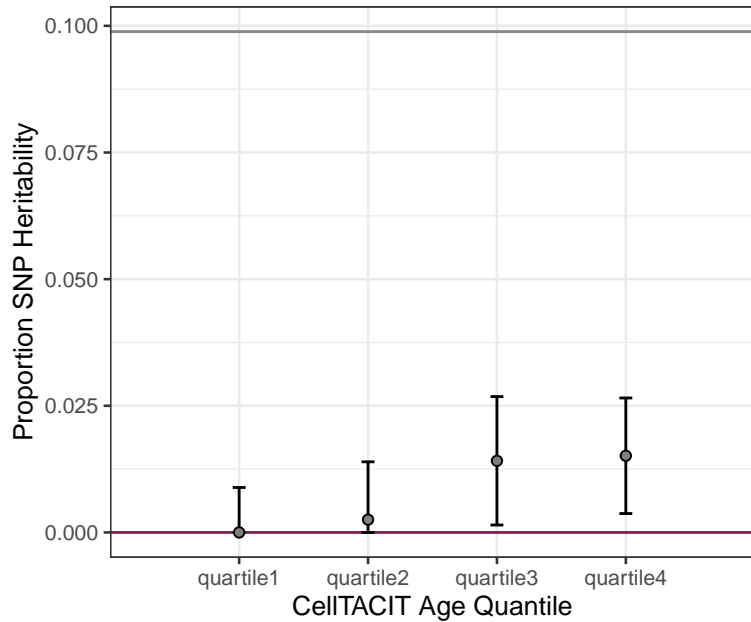
MSN\_D1, MDD\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, MDD\_E



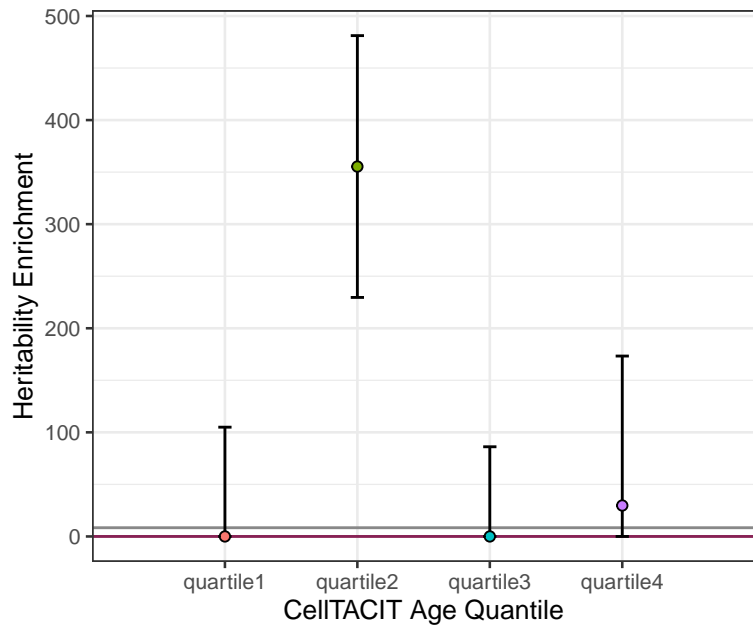
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

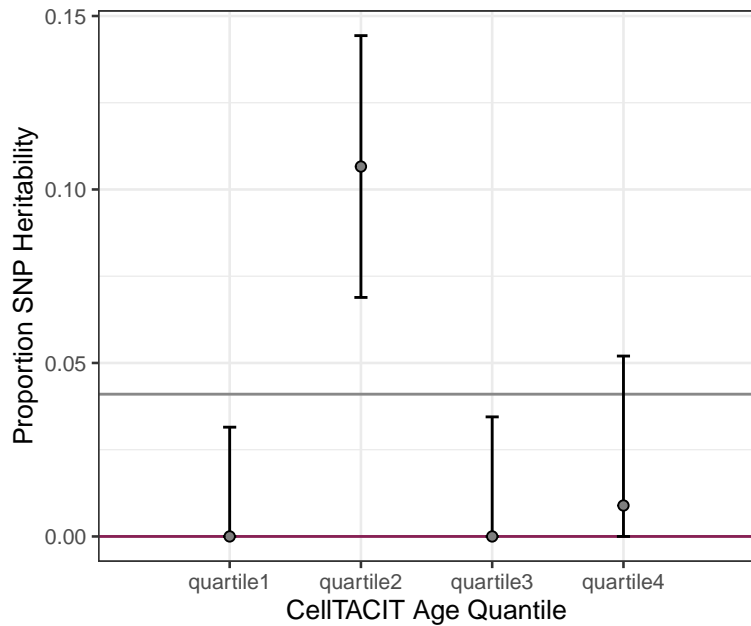
MSN\_D1, OCD\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, OCD\_E



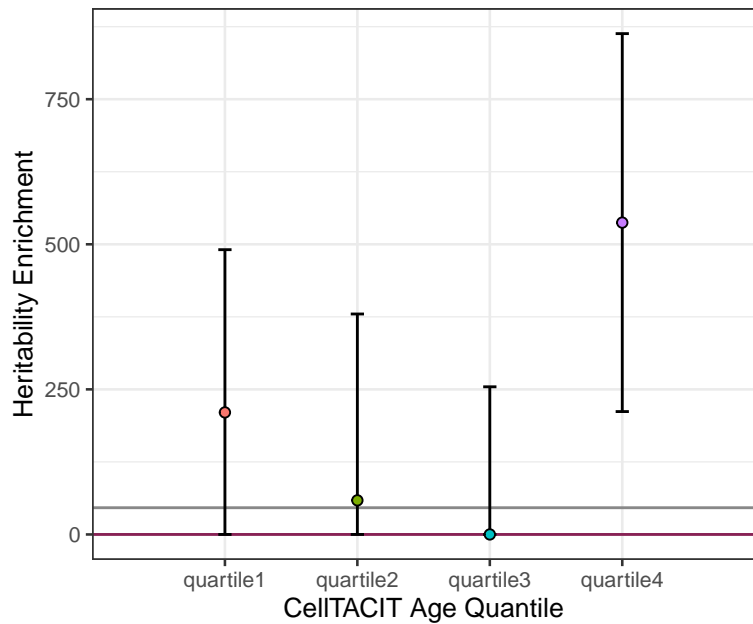
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

MSN\_D1, PTSD\_A



quantile



quartile1



quartile2

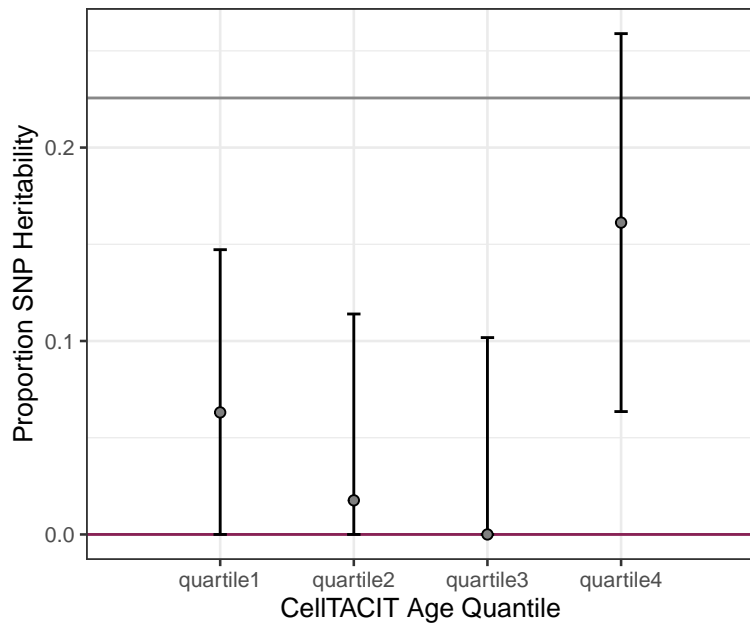


quartile3



quartile4

MSN\_D1, PTSD\_A



Zoonomia



phyloP.Acc



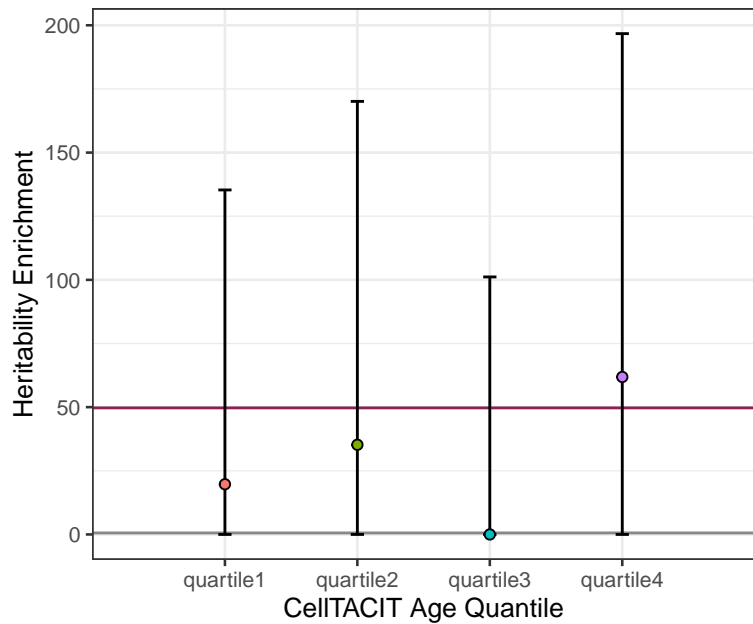
phyloP.Con

peaktype



quartile

MSN\_D1, PTSD\_E



quantile



quartile1



quartile2

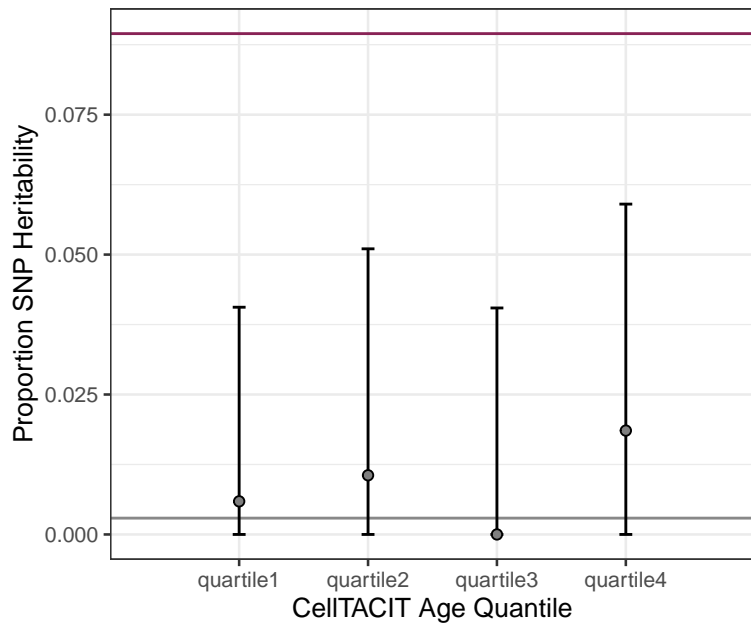


quartile3



quartile4

MSN\_D1, PTSD\_E



Zoonomia



phyloP.Acc



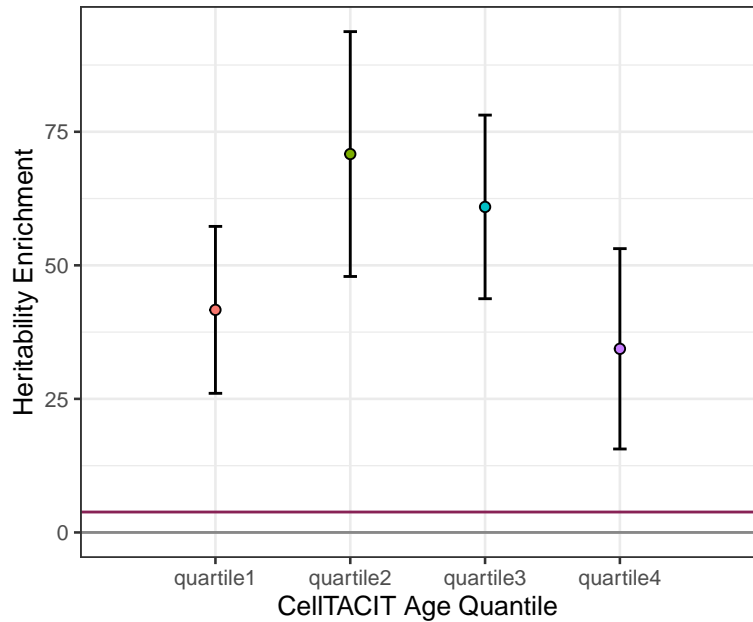
phyloP.Con

peaktype



quartile

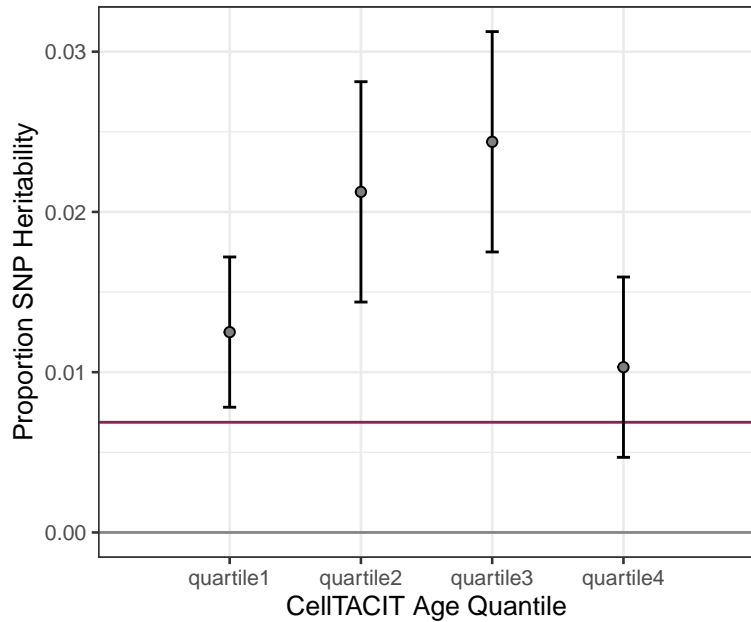
MSN\_D1, Schizophrenia\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, Schizophrenia\_E



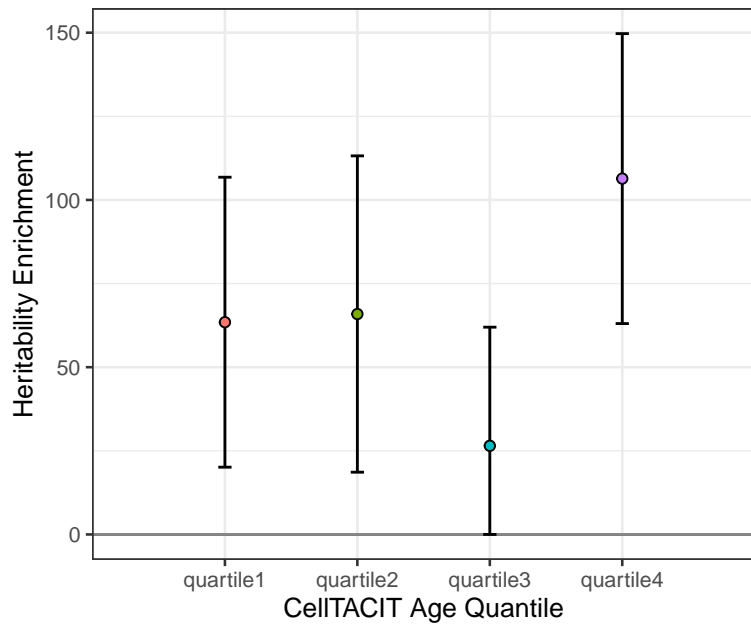
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

MSN\_D1, AUDIT-C\_E



quantile



quartile1



quartile2

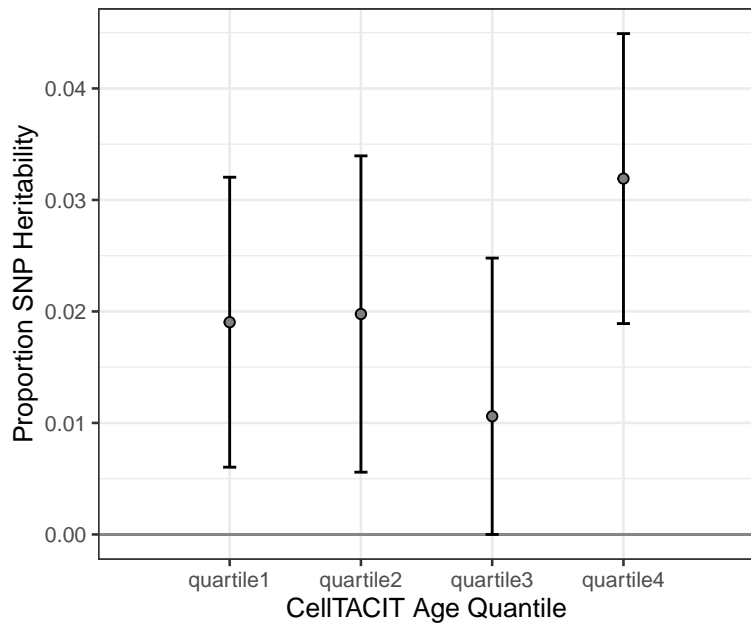


quartile3



quartile4

MSN\_D1, AUDIT-C\_E



Zoonomia



phyloP.Acc



phyloP.Con

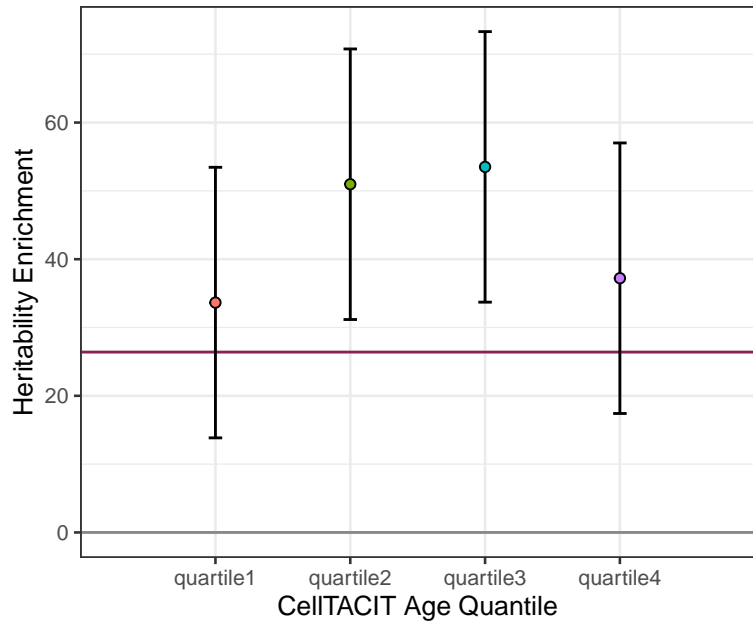
peaktype



quartile



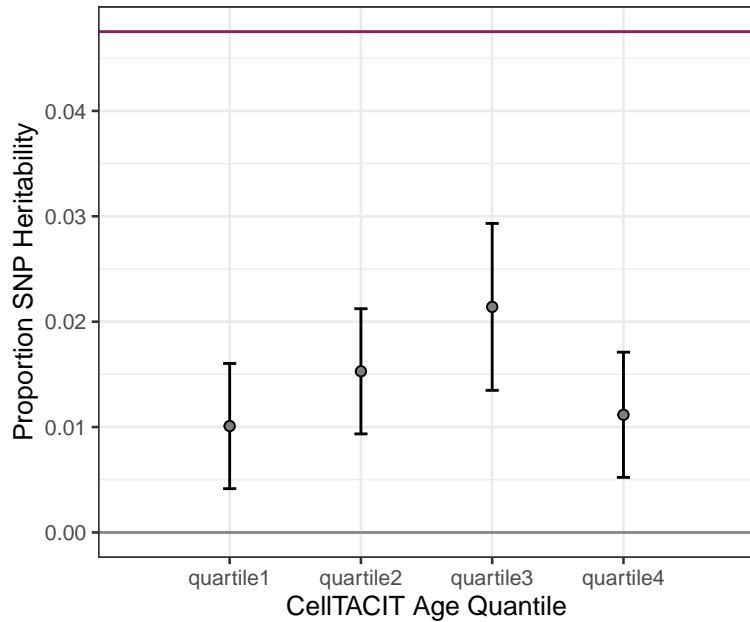
MSN\_D1, DrinksPerWeek\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, DrinksPerWeek\_E



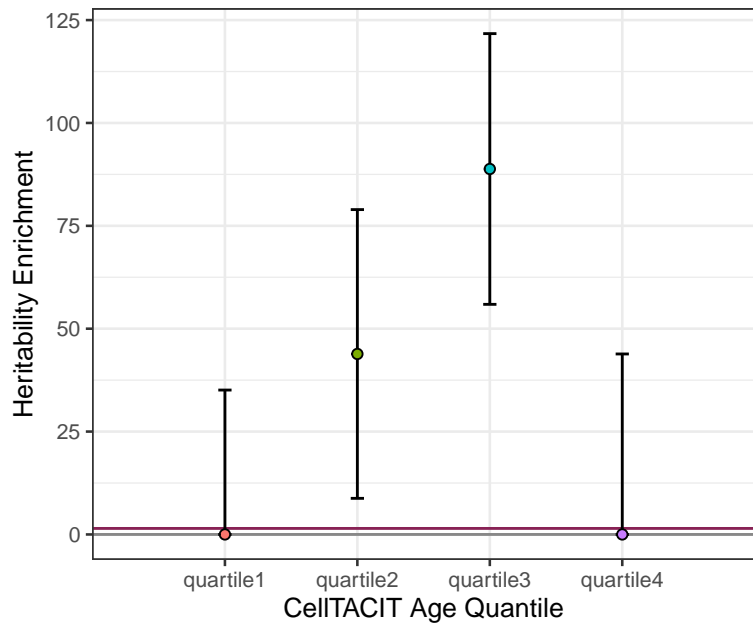
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

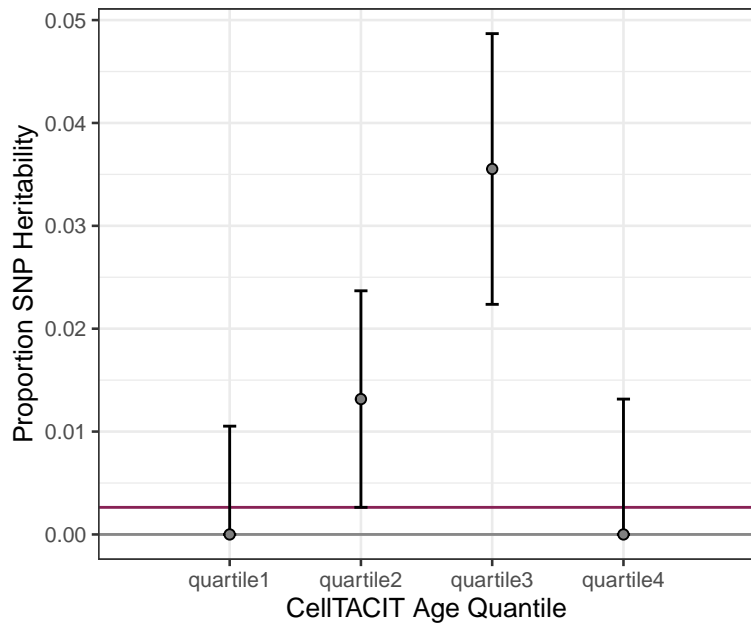
MSN\_D1, CannabisUse\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, CannabisUse\_E



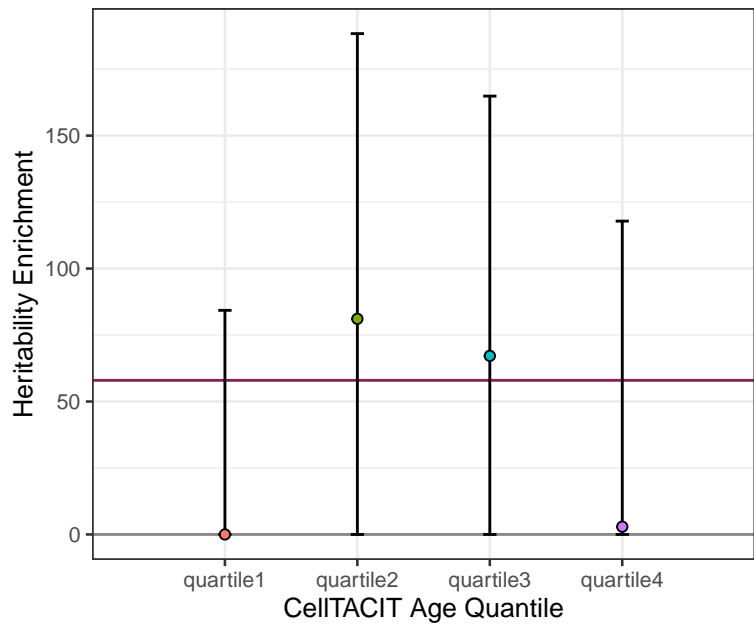
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

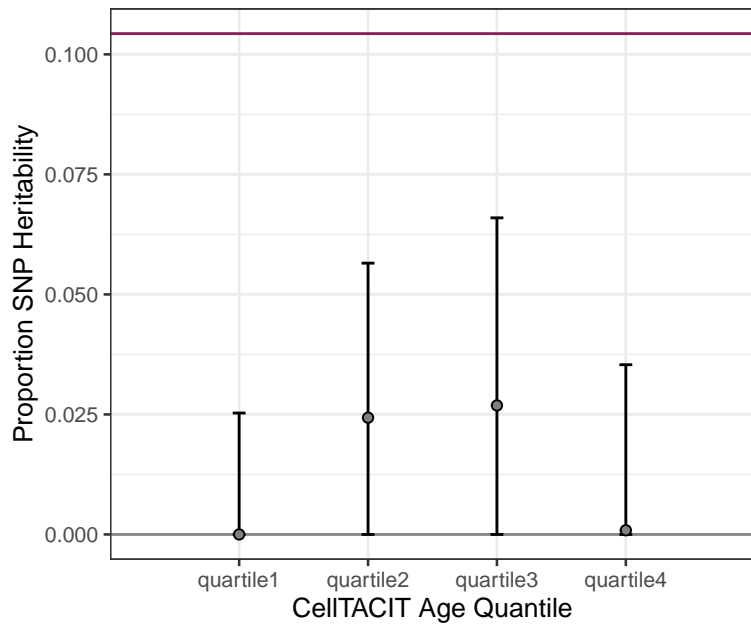
MSN\_D1, CoffeePerDay\_E



quantile

quantile1 quantile2 quantile3 quantile4

MSN\_D1, CoffeePerDay\_E



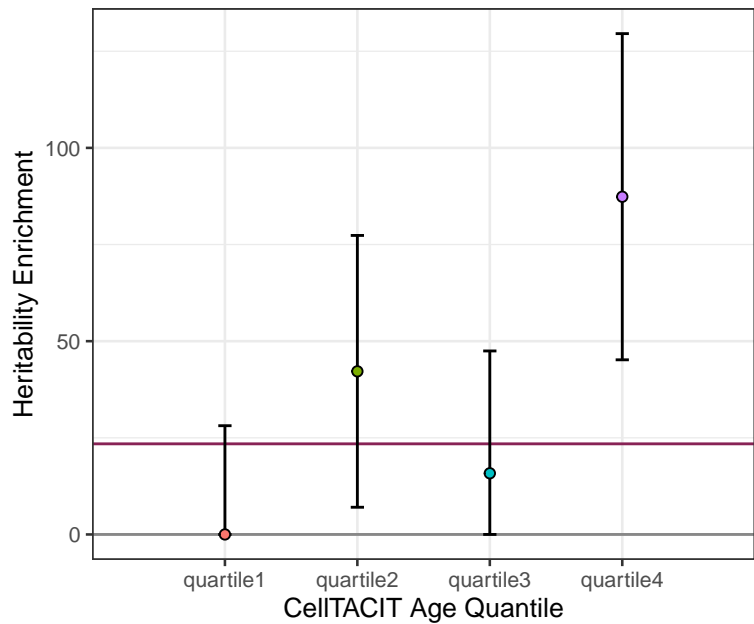
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quantile

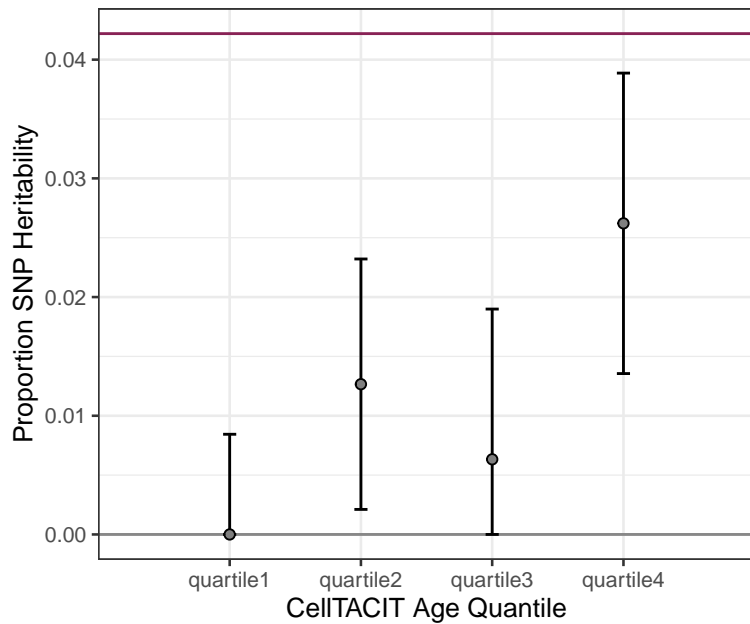
MSN\_D1, SmokAgeOfInit\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, SmokAgeOfInit\_E



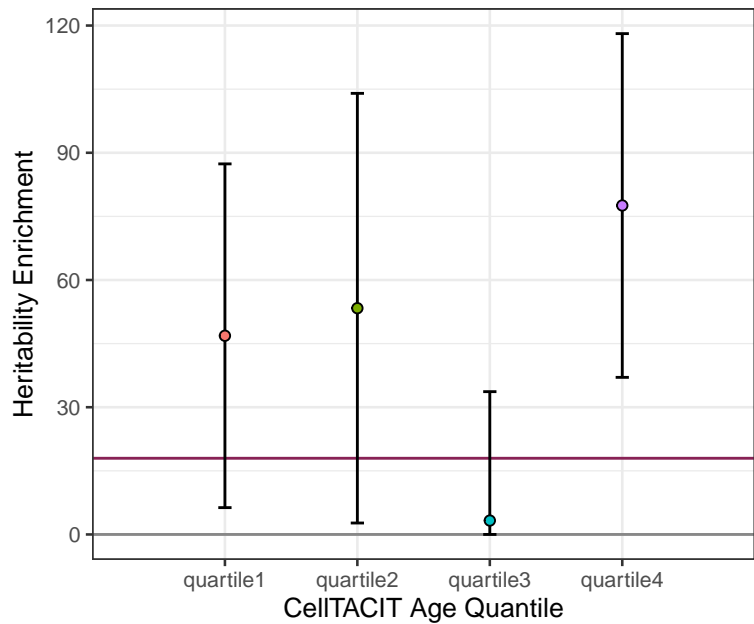
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

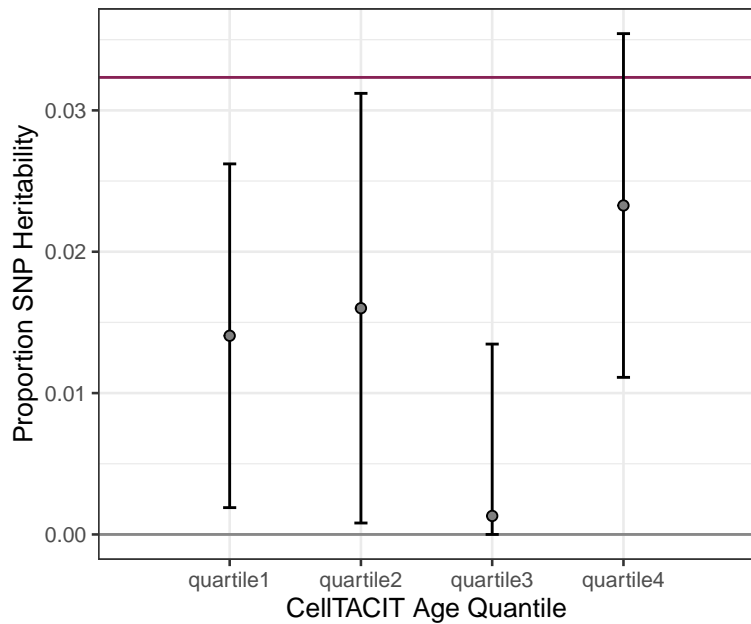
MSN\_D1, SmokCessation\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, SmokCessation\_E



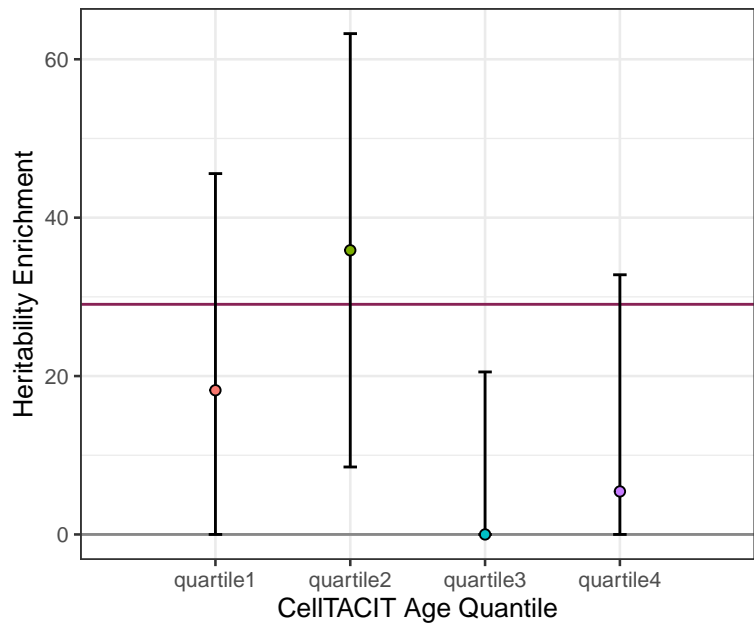
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

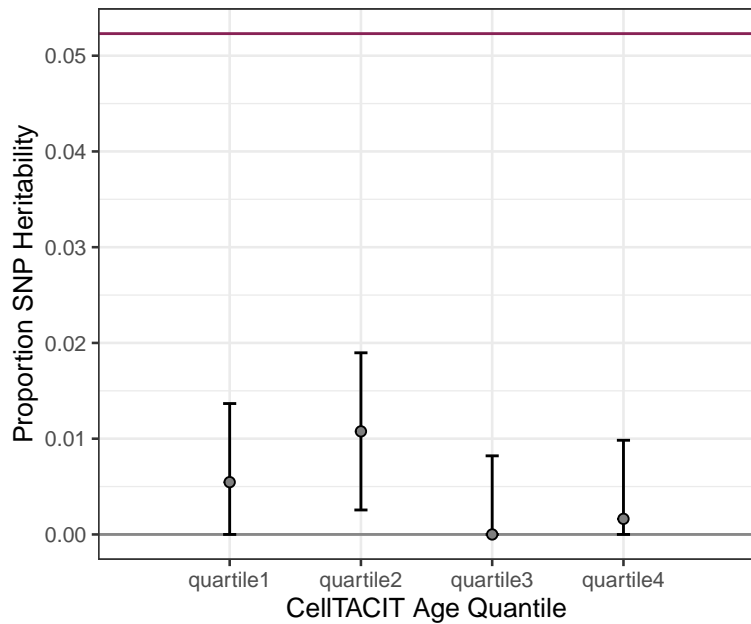
MSN\_D1, SmokCigPerDay\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, SmokCigPerDay\_E



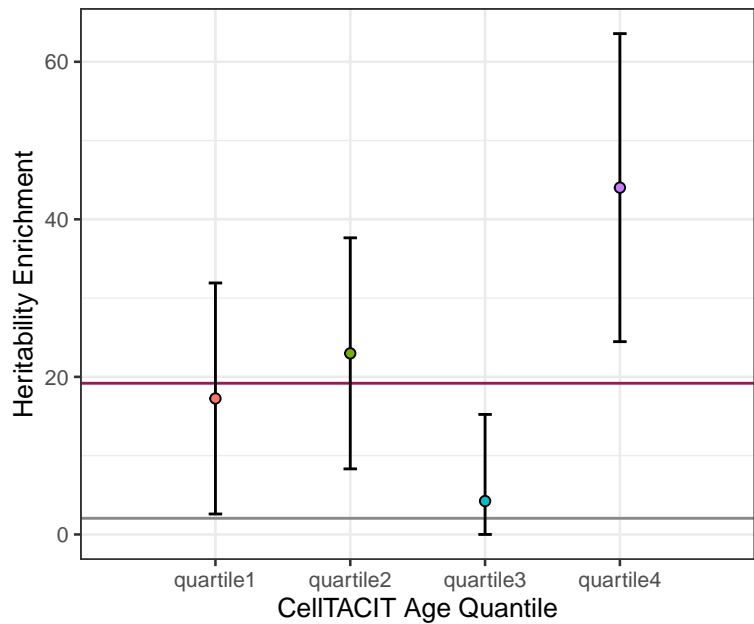
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

MSN\_D1, SmokInitiation\_E



quantile



quartile1



quartile2

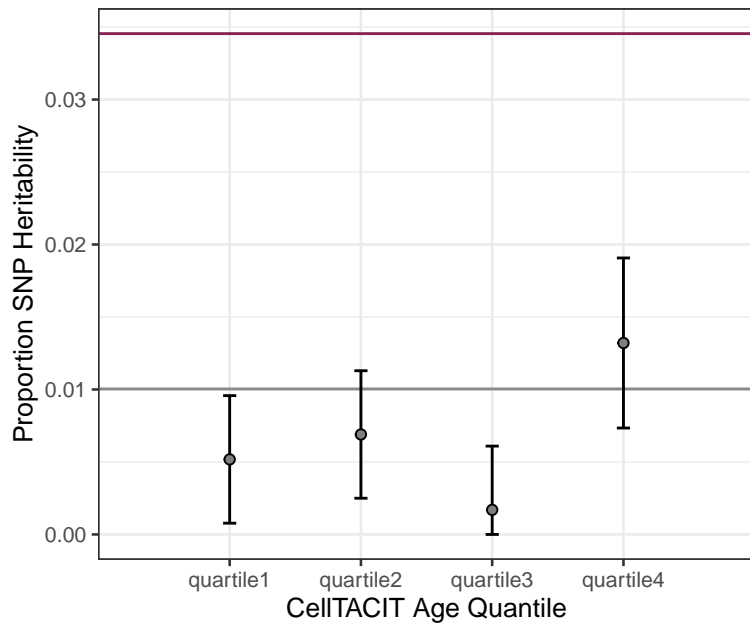


quartile3



quartile4

MSN\_D1, SmokInitiation\_E



Zoonomia

phyloP.Acc

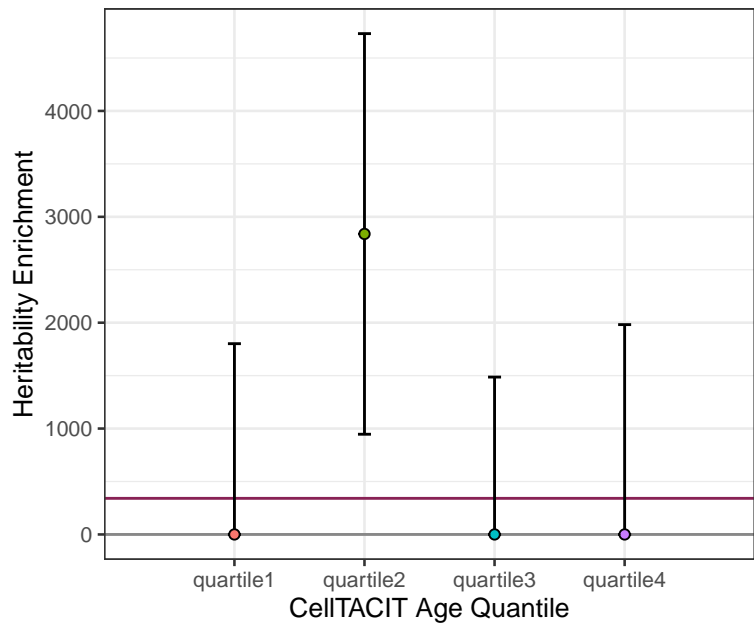
phyloP.Con

peaktype



quartile

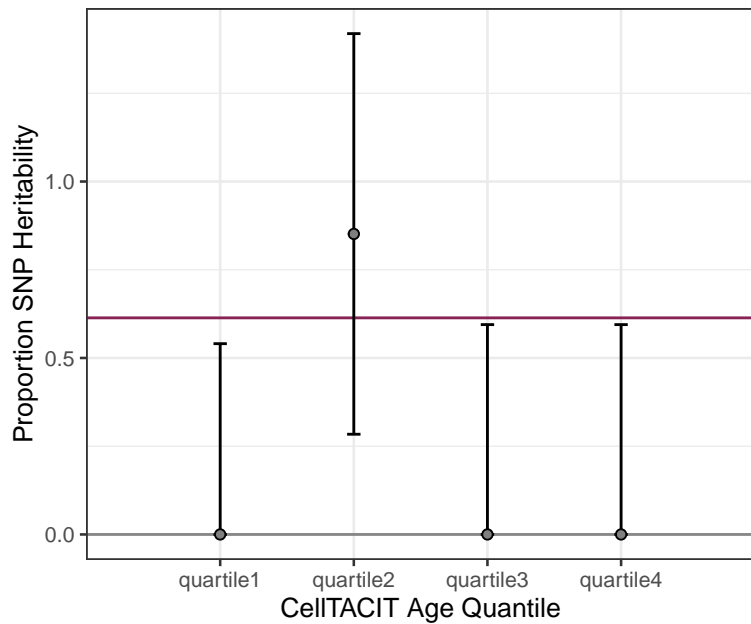
MSN\_D1, OpioidUse\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, OpioidUse\_E



Zoonomia

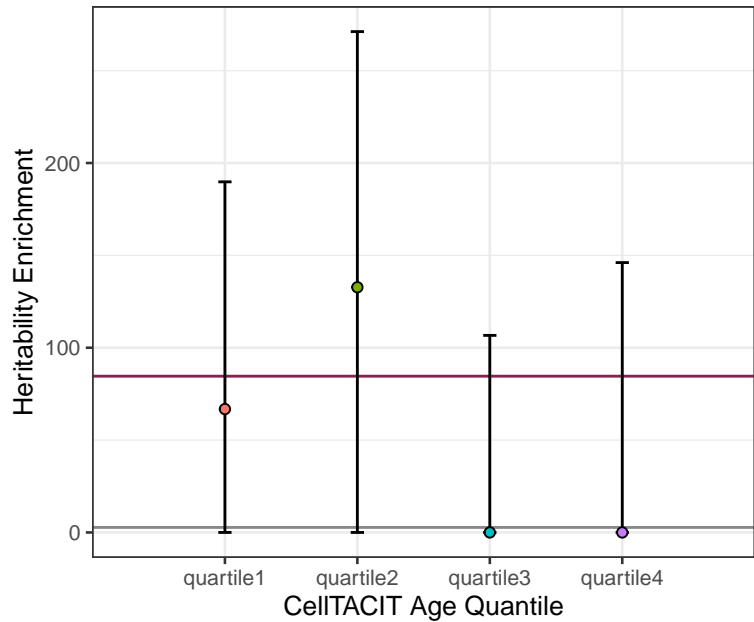
phyloP.Acc phyloP.Con

peaktype

quartile



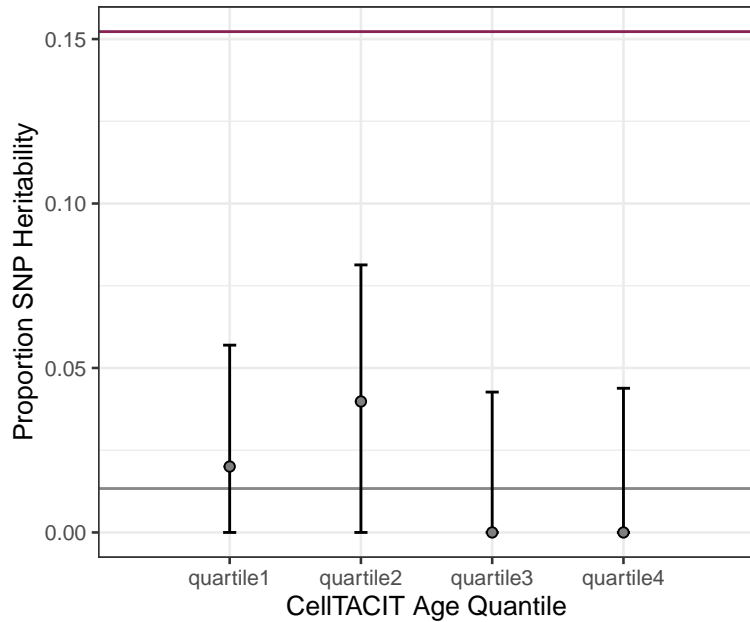
MSN\_D1, AlcoholDep\_E



quartile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, AlcoholDep\_E



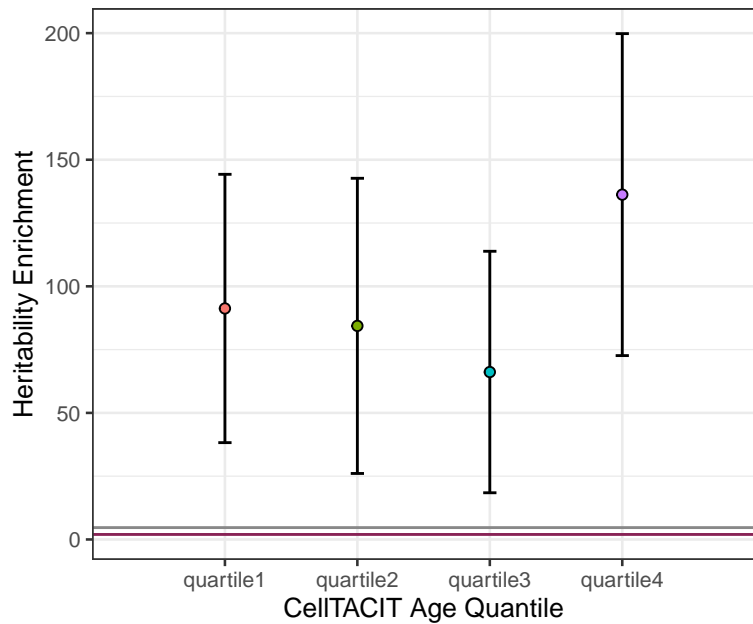
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

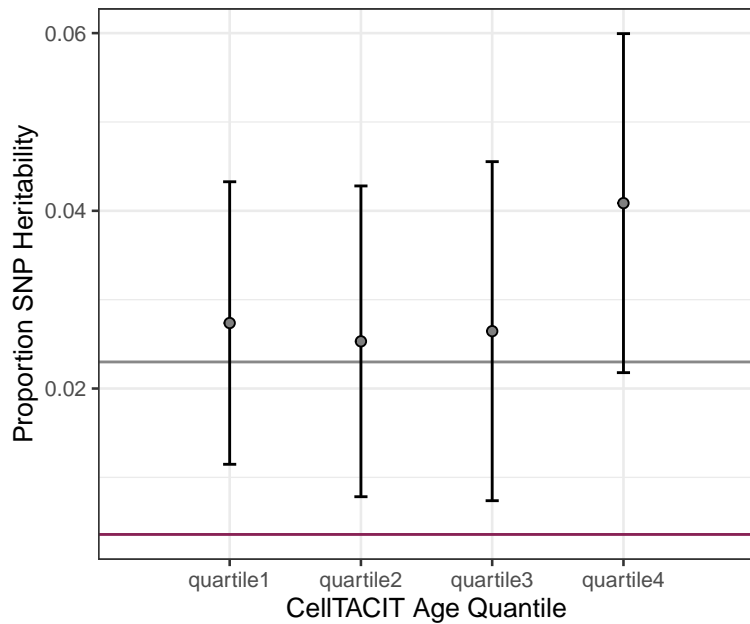
MSN\_D1, AUDIT-P\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, AUDIT-P\_E



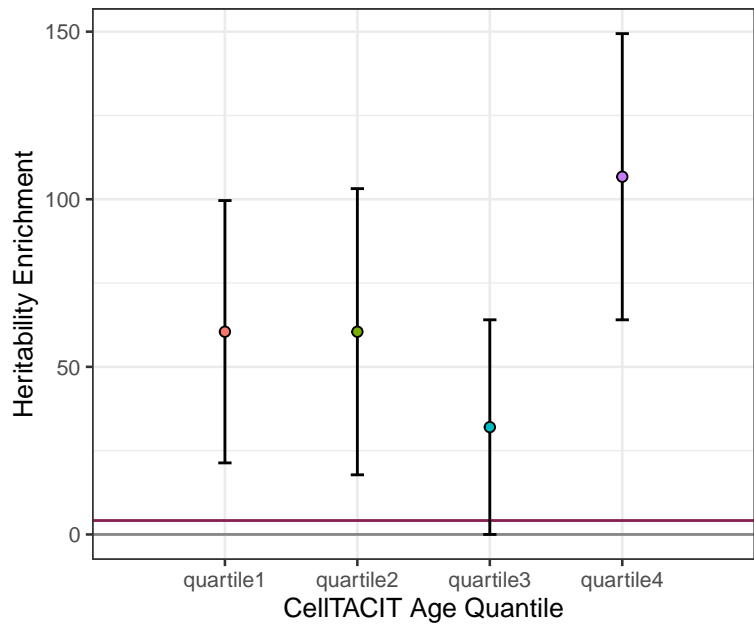
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

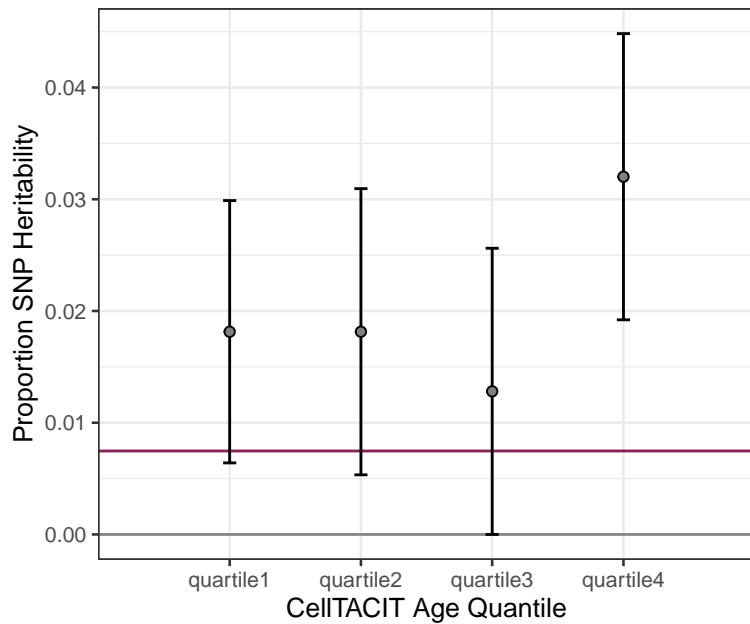
MSN\_D1, AUDIT-Tot\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, AUDIT-Tot\_E



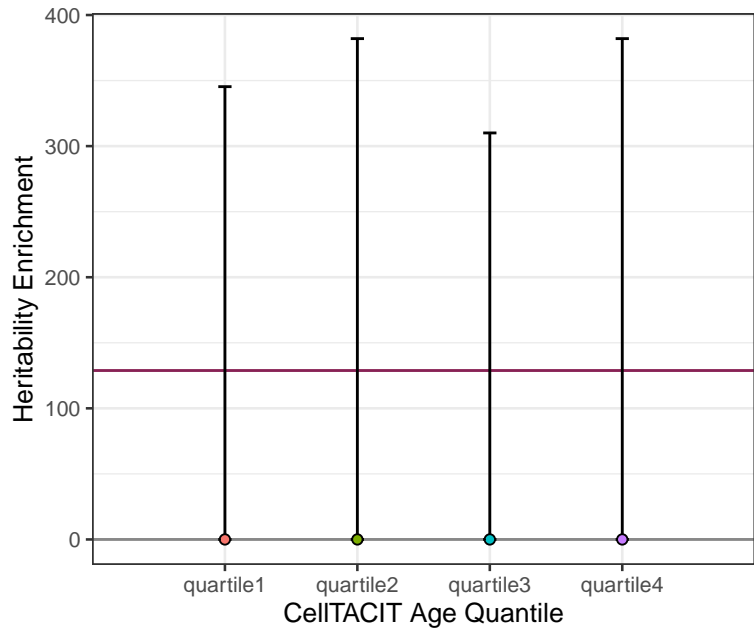
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

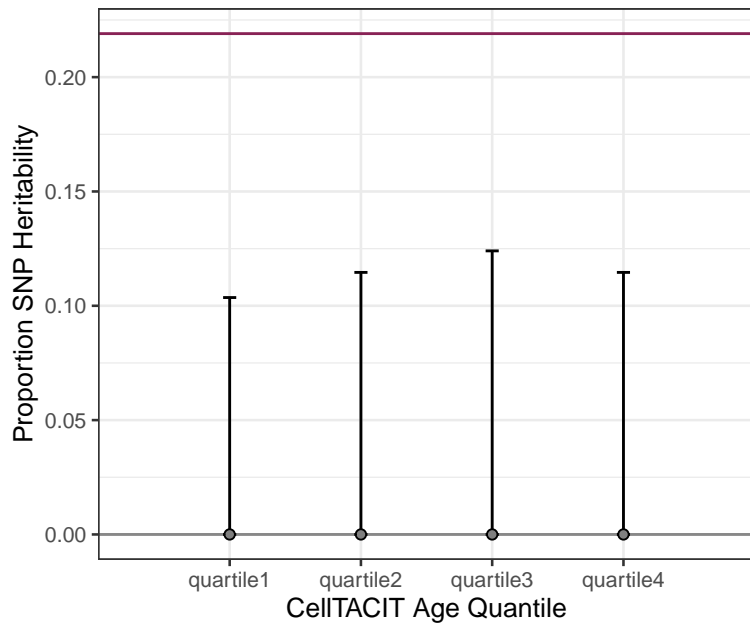
MSN\_D1, CannabisUD\_A



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, CannabisUD\_A



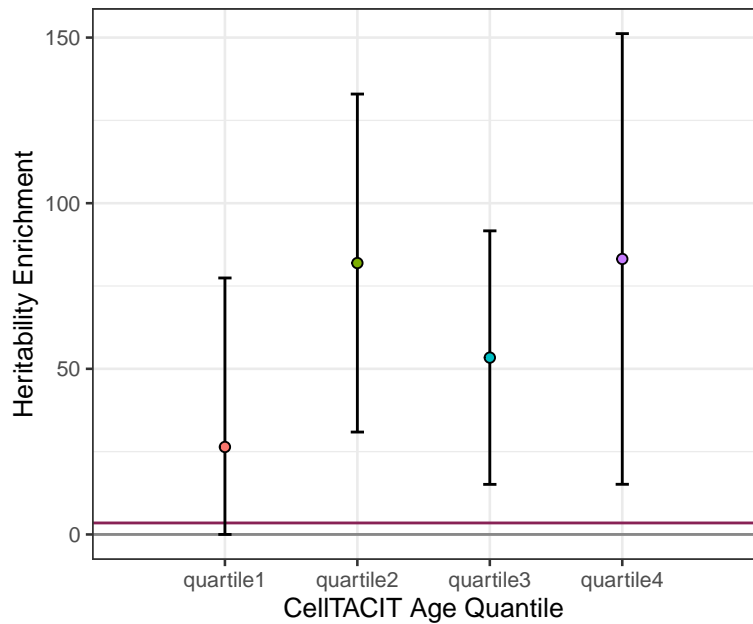
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

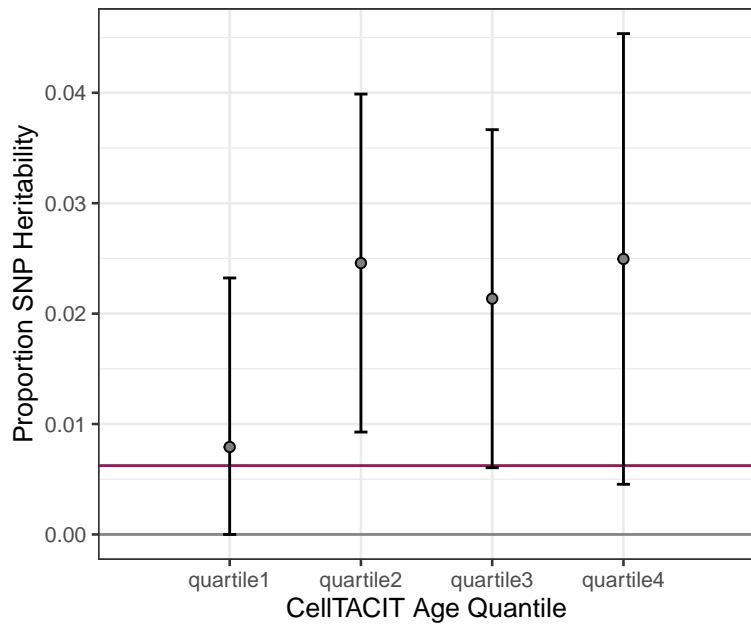
MSN\_D1, CannabisUD\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, CannabisUD\_E



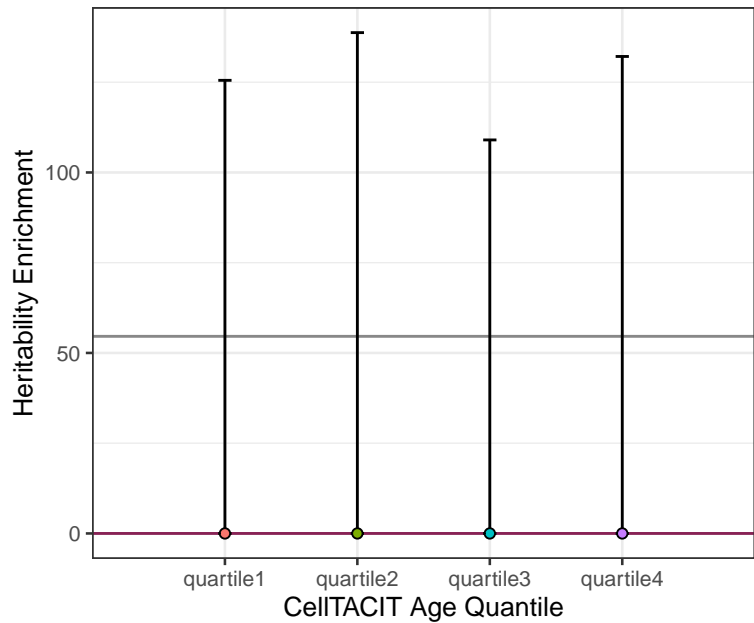
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

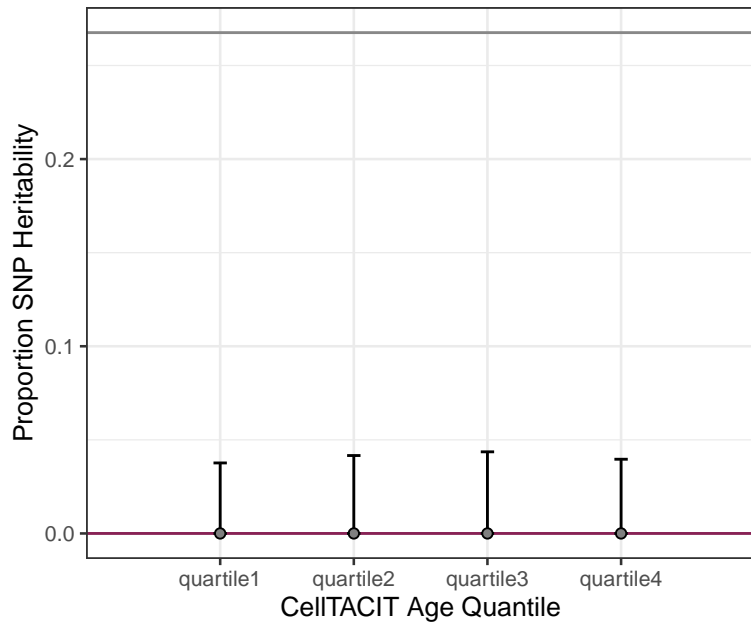
MSN\_D1, CocaineDep\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, CocaineDep\_E



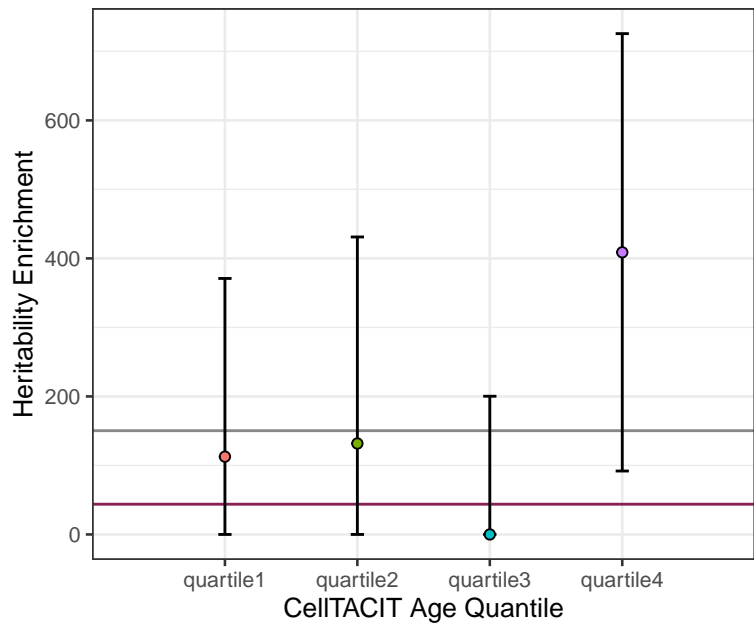
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

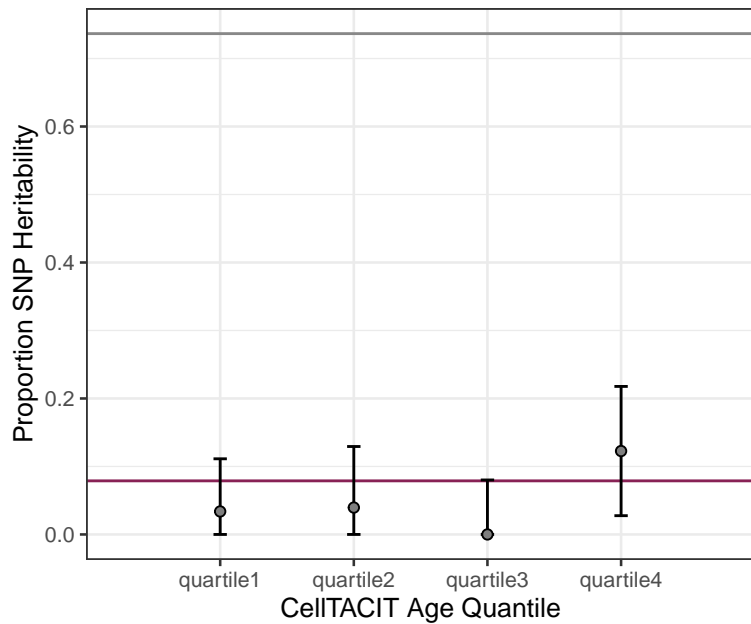
MSN\_D1, OpioidDep\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, OpioidDep\_E



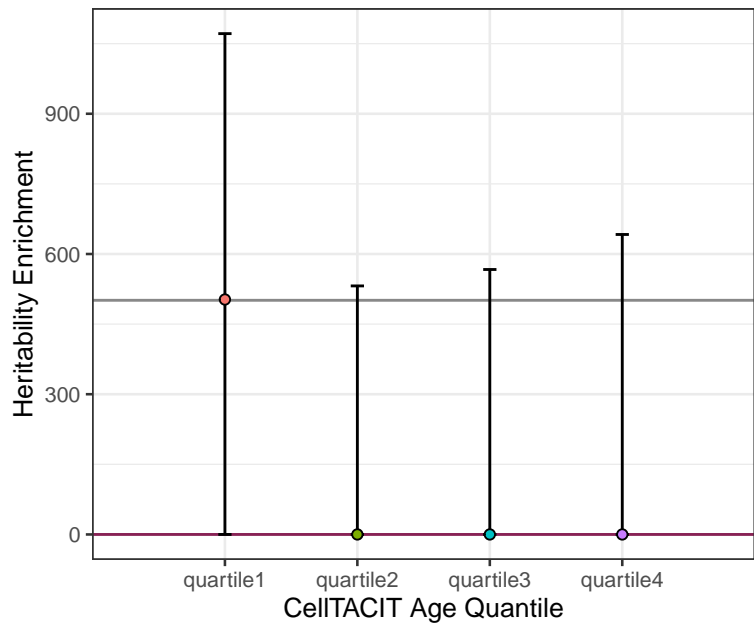
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

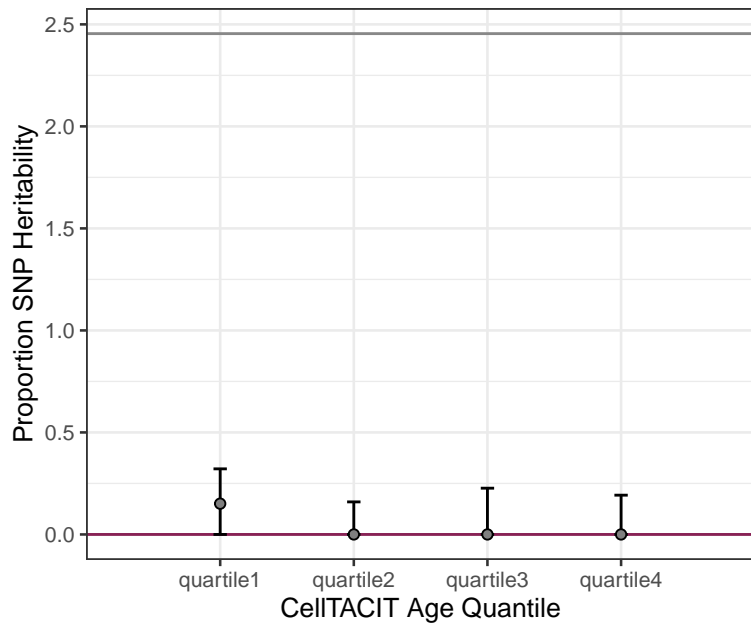
MSN\_D1, OpioidDep-vs-Exp\_A



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, OpioidDep-vs-Exp\_A



Zoonomia

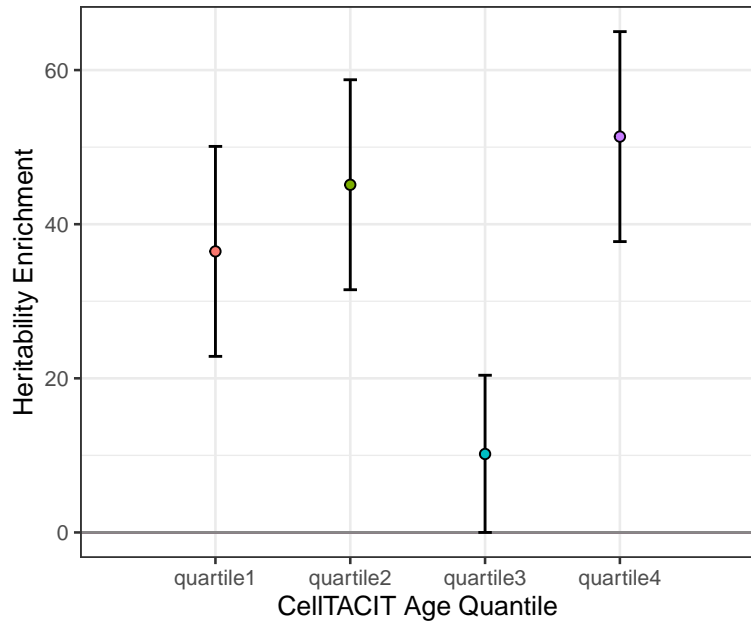
phyloP.Acc phyloP.Con

peaktype

quartile



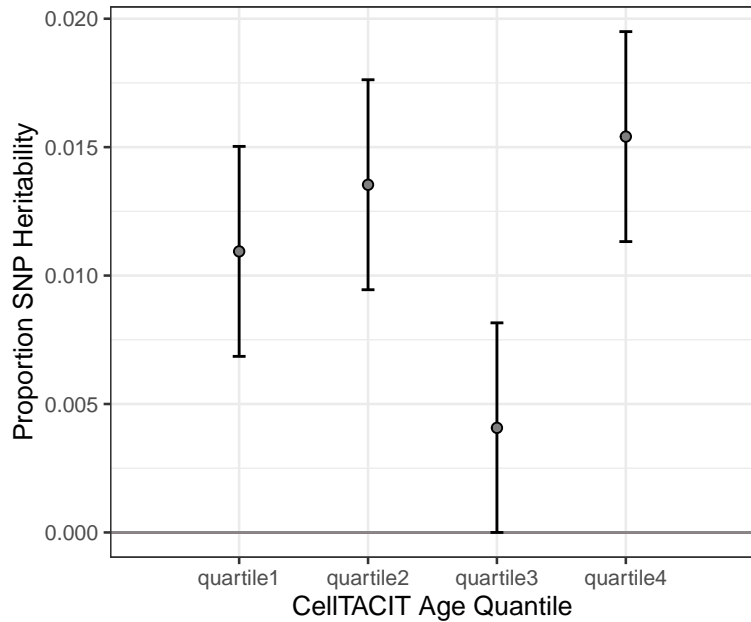
MSN\_D1, EduAttain\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, EduAttain\_E



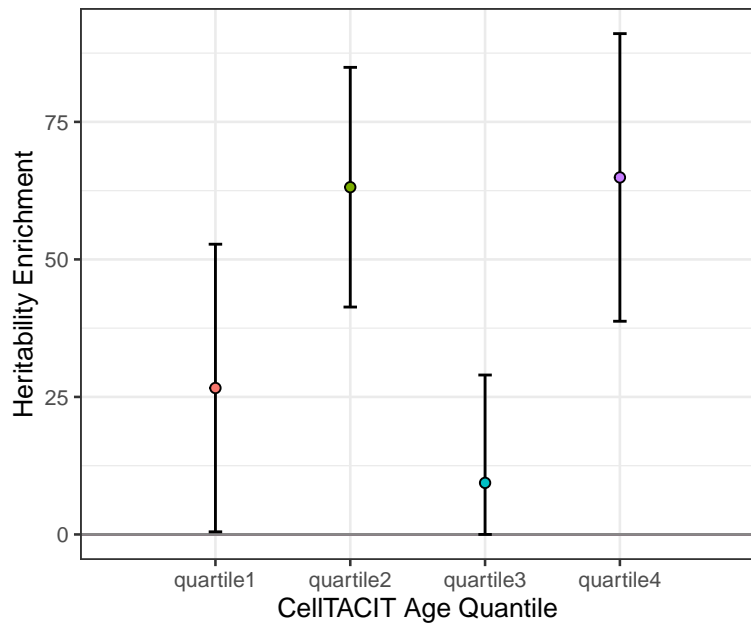
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

MSN\_D1, Income\_E



quantile



quartile1



quartile2

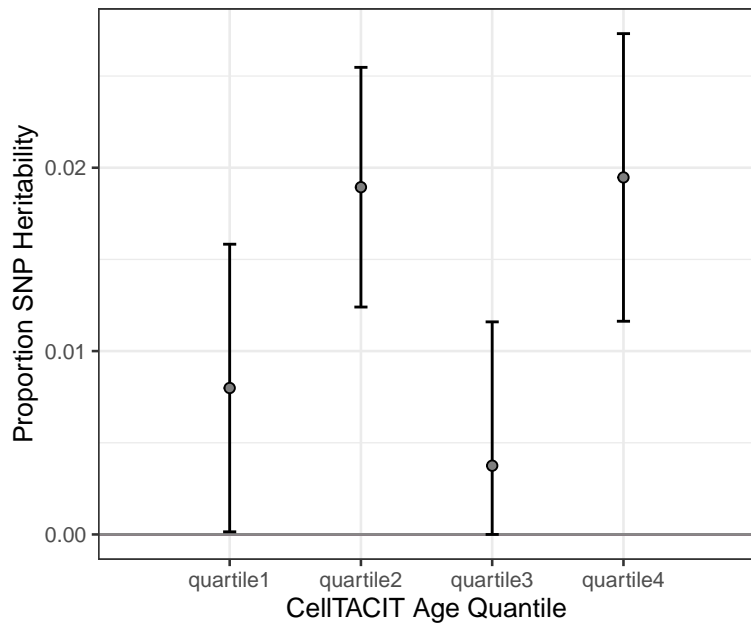


quartile3



quartile4

MSN\_D1, Income\_E



Zoonomia



phyloP.Acc



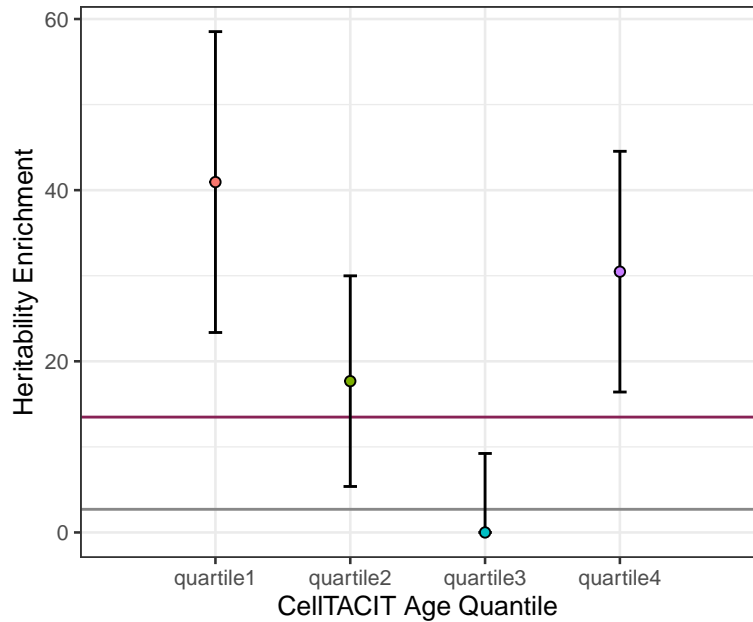
phyloP.Con

peaktype



quartile

MSN\_D1, BMI\_E



quantile



quartile1



quartile2

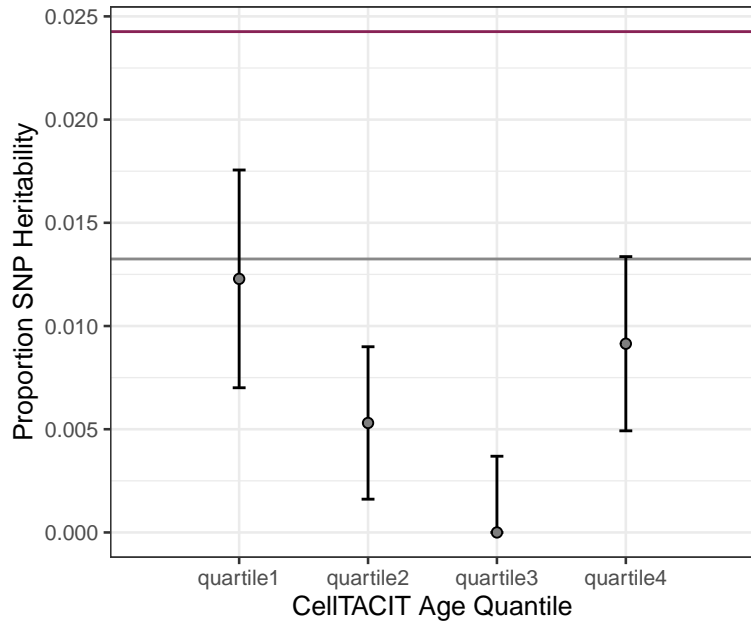


quartile3



quartile4

MSN\_D1, BMI\_E



Zoonomia



phyloP.Acc



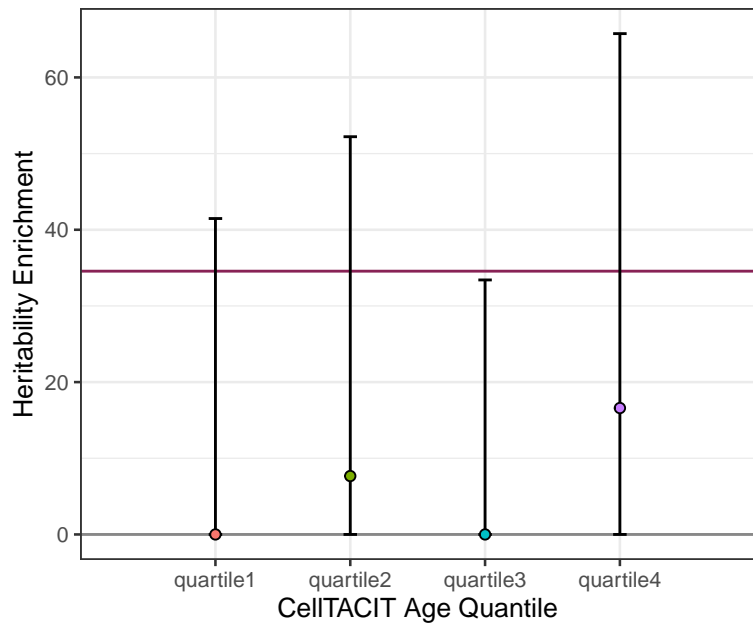
phyloP.Con

peaktype



quartile

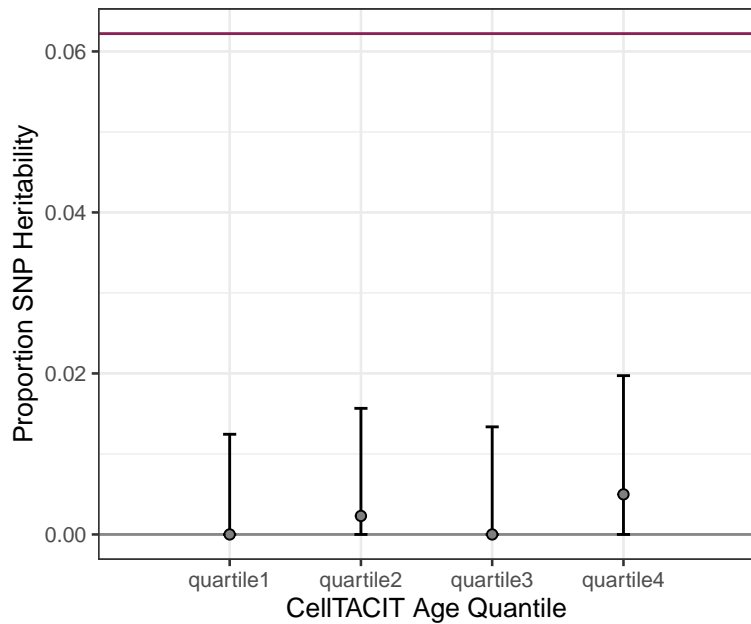
MSN\_D1, BrainVol\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, BrainVol\_E



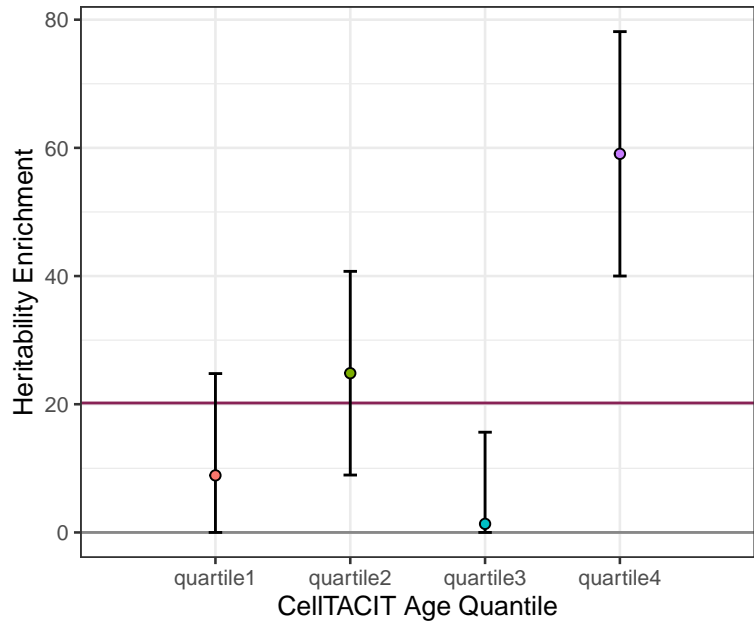
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

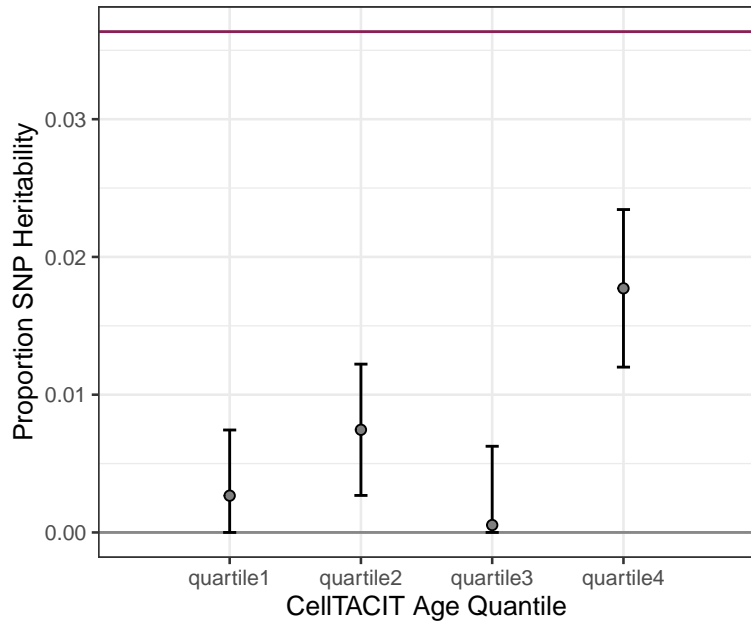
MSN\_D1, Neuroticsim\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, Neuroticsim\_E



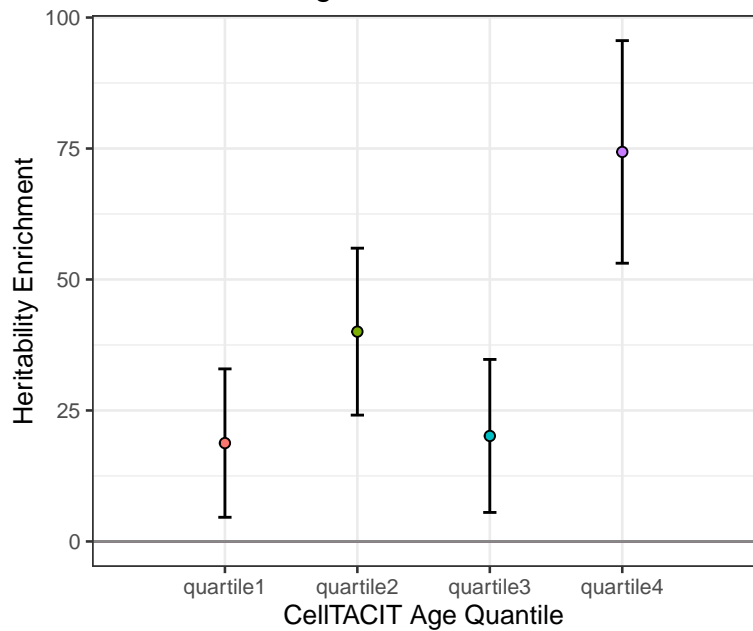
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

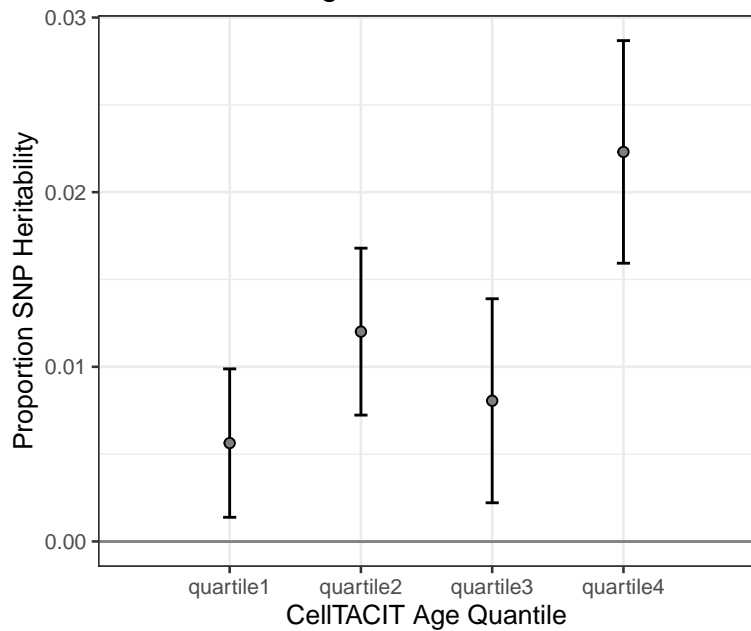
MSN\_D1, Intelligence\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, Intelligence\_E



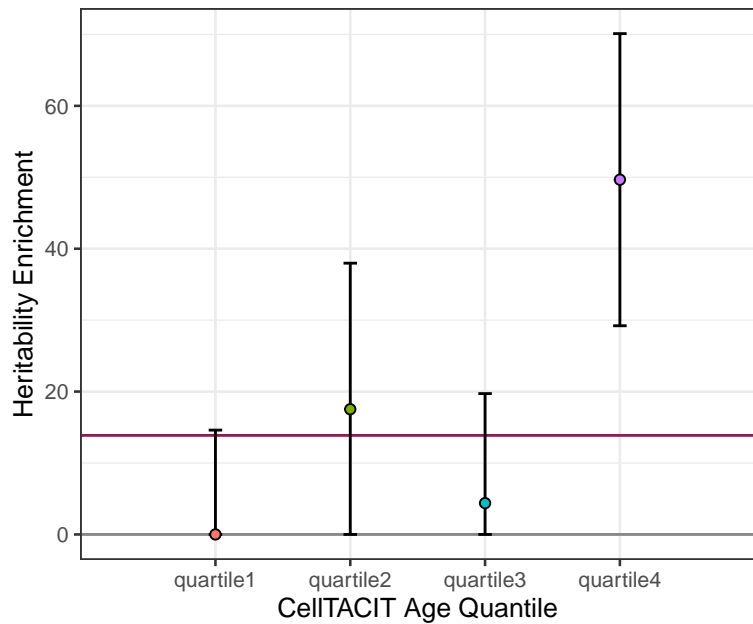
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

MSN\_D1, RiskyBehavior\_E



quantile



quartile1



quartile2

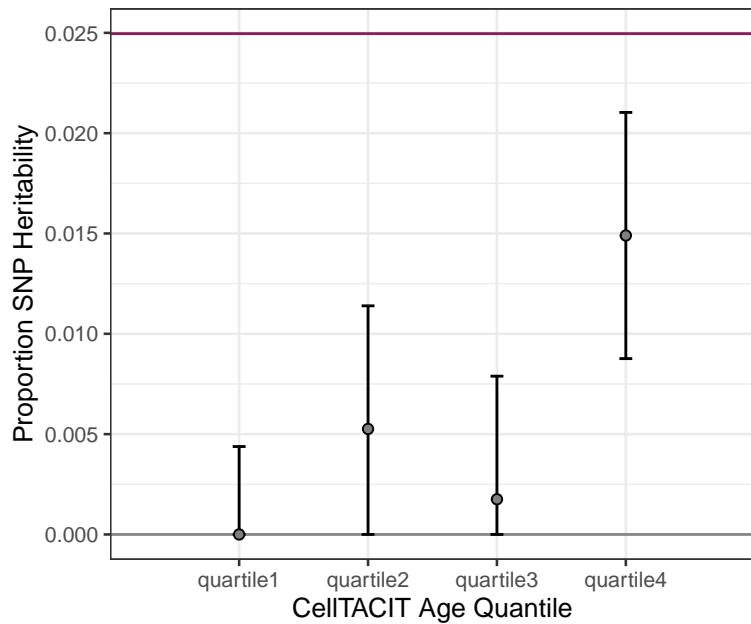


quartile3



quartile4

MSN\_D1, RiskyBehavior\_E



Zoonomia



phyloP.Acc



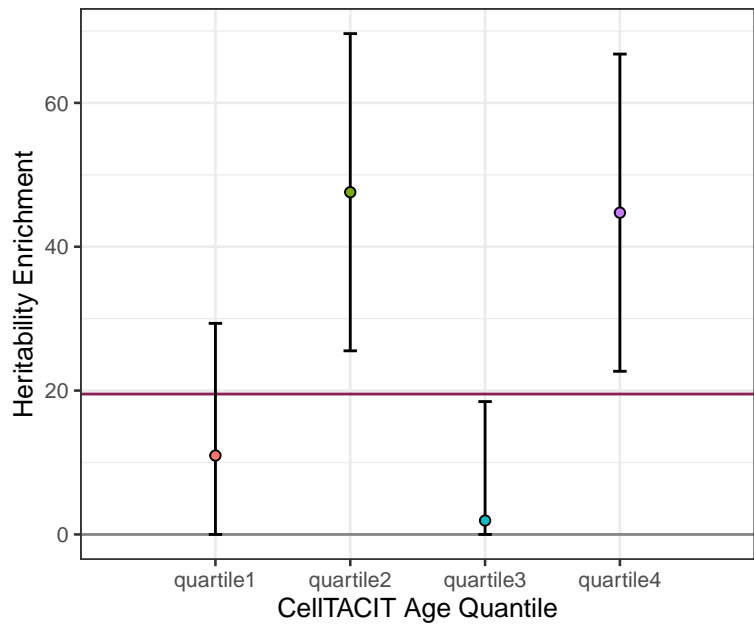
phyloP.Con

peaktype



quartile

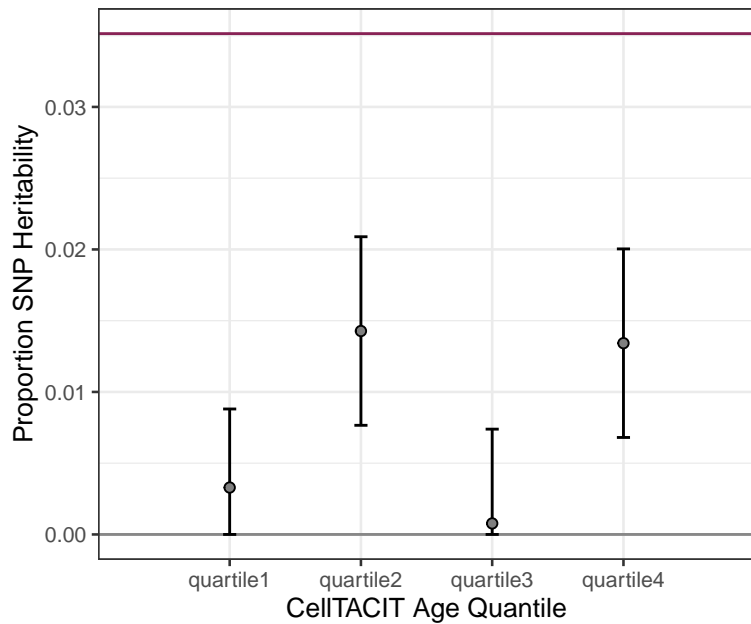
MSN\_D1, Worry\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, Worry\_E



Zoonomia

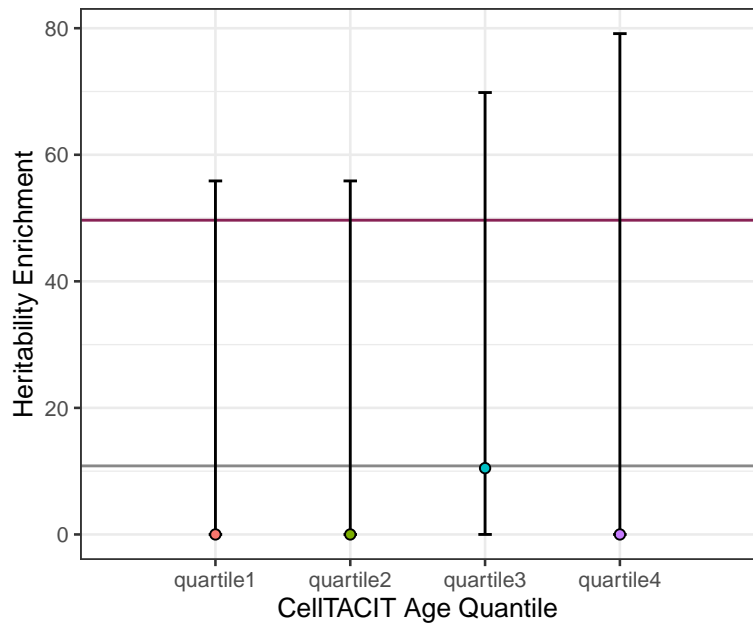
phyloP.Acc phyloP.Con

peaktype

quartile



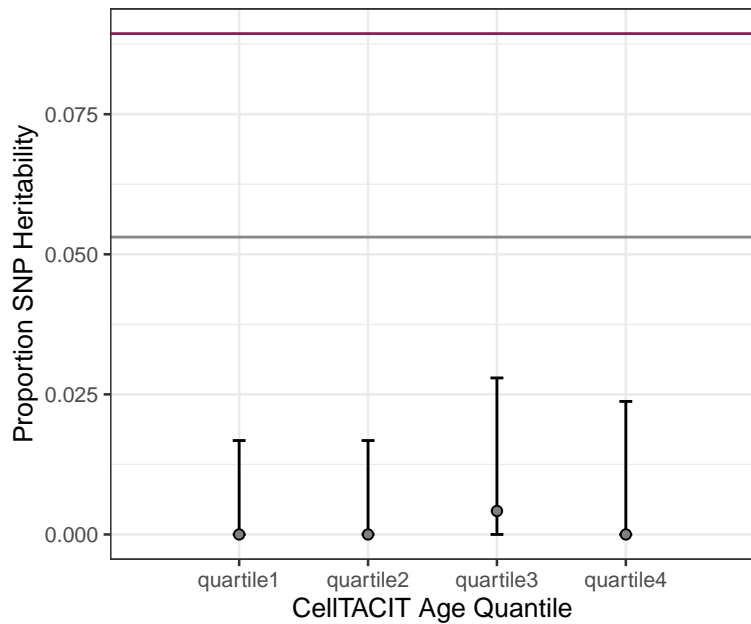
MSN\_D1, ChronicPain\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, ChronicPain\_E



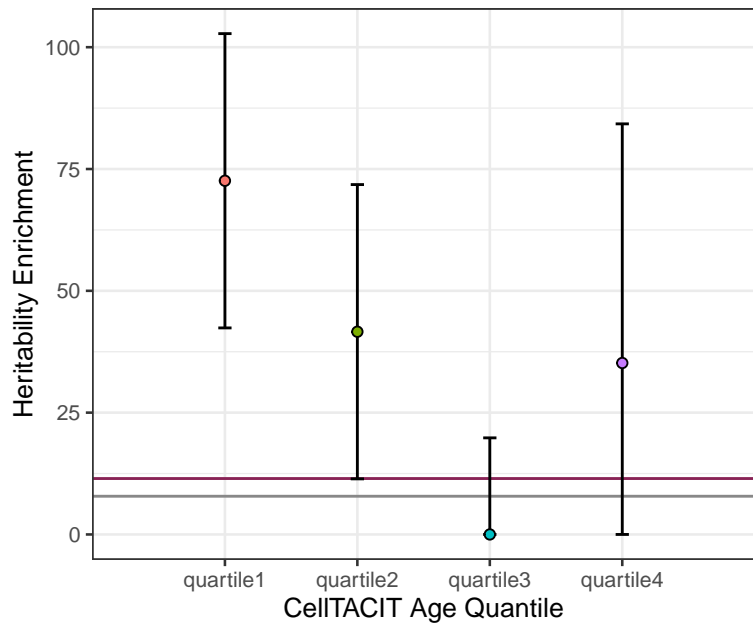
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

MSN\_D1, Headache\_E



quantile



quartile1



quartile2

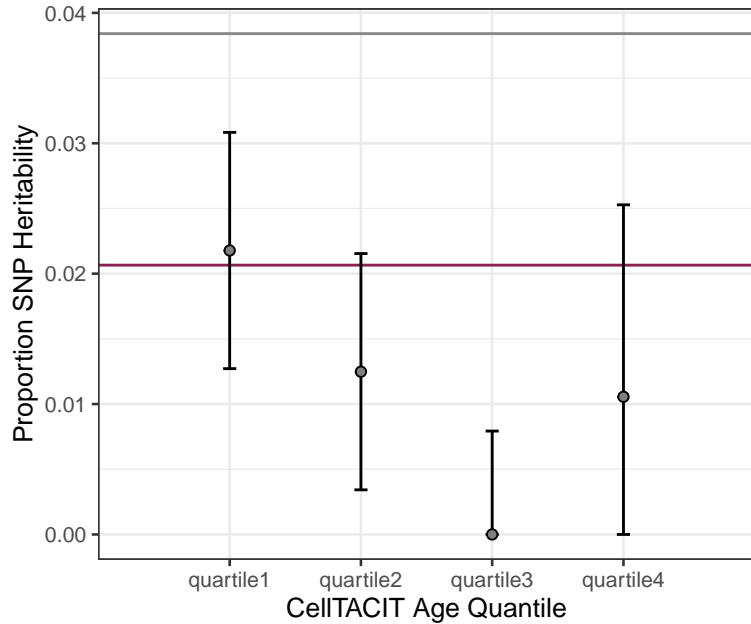


quartile3



quartile4

MSN\_D1, Headache\_E



Zoonomia



phyloP.Acc



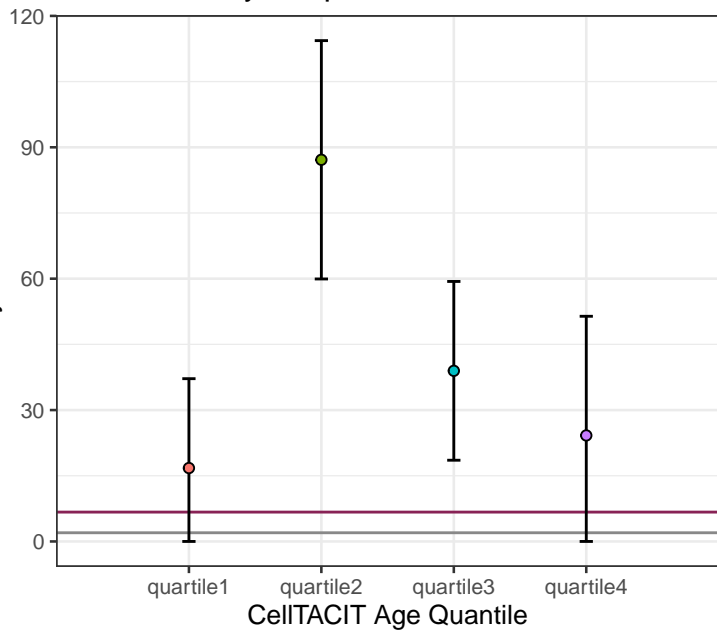
phyloP.Con

peaktype



quartile

MSN\_D1, DaySleepiness\_E



quantile



quartile1



quartile2

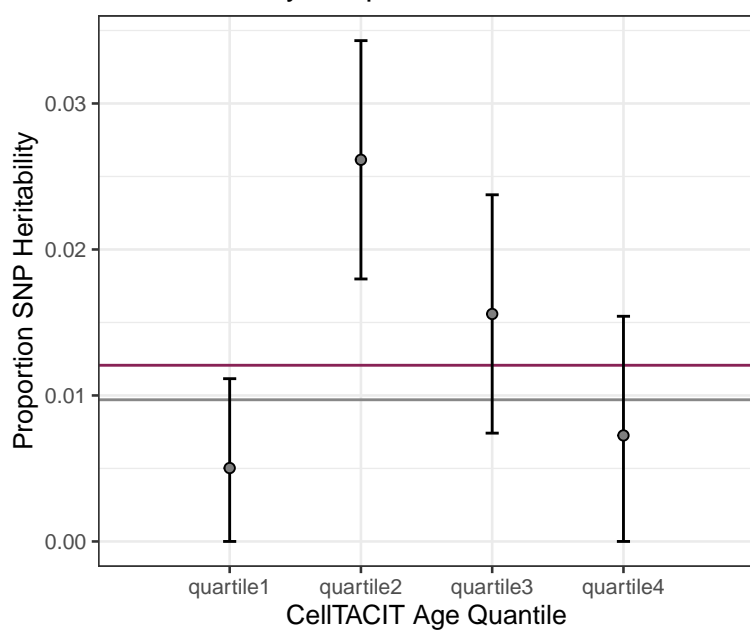


quartile3



quartile4

MSN\_D1, DaySleepiness\_E



Zoonomia



phyloP.Acc



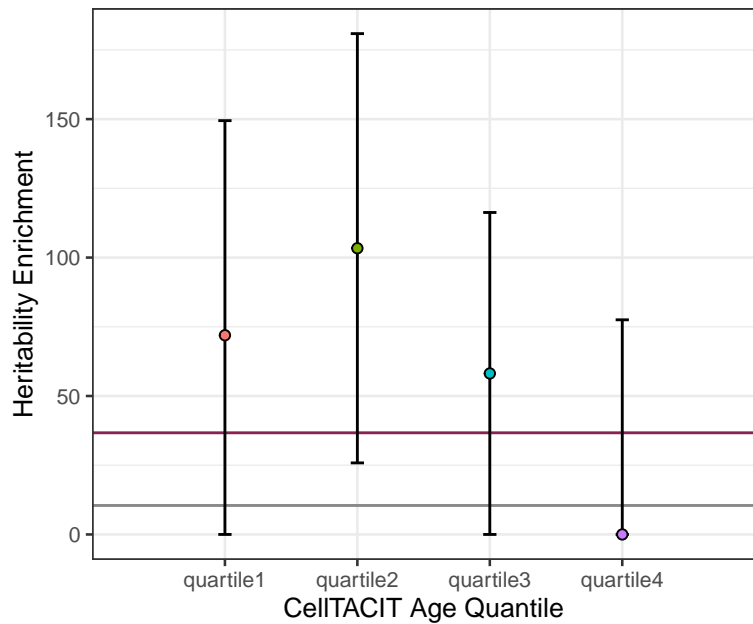
phyloP.Con

peaktype



quartile

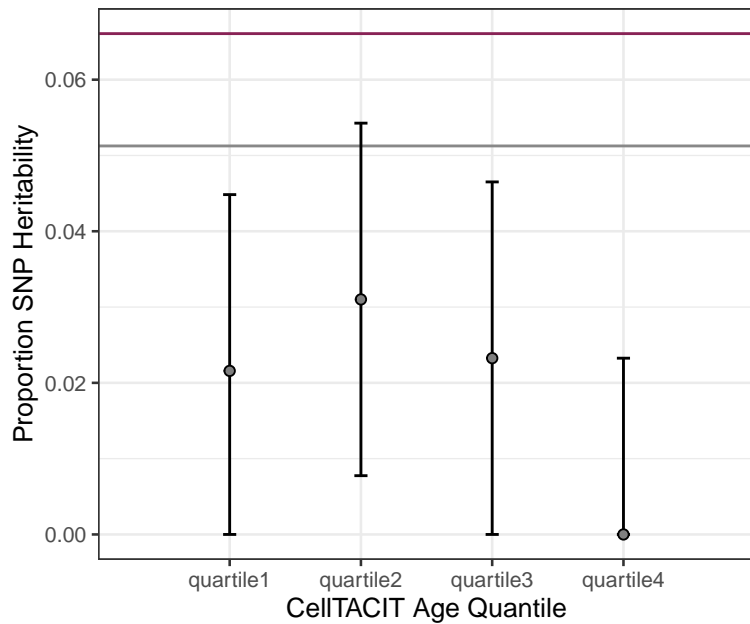
MSN\_D1, Dozing\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, Dozing\_E



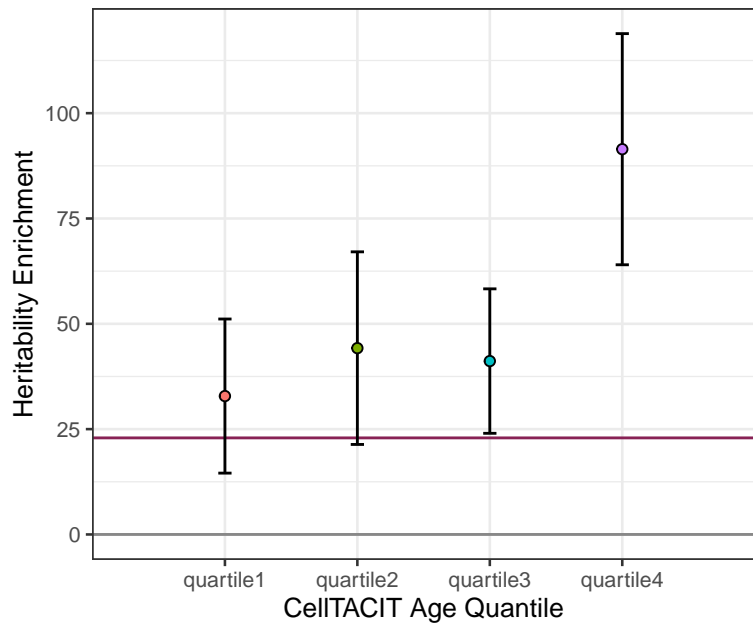
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

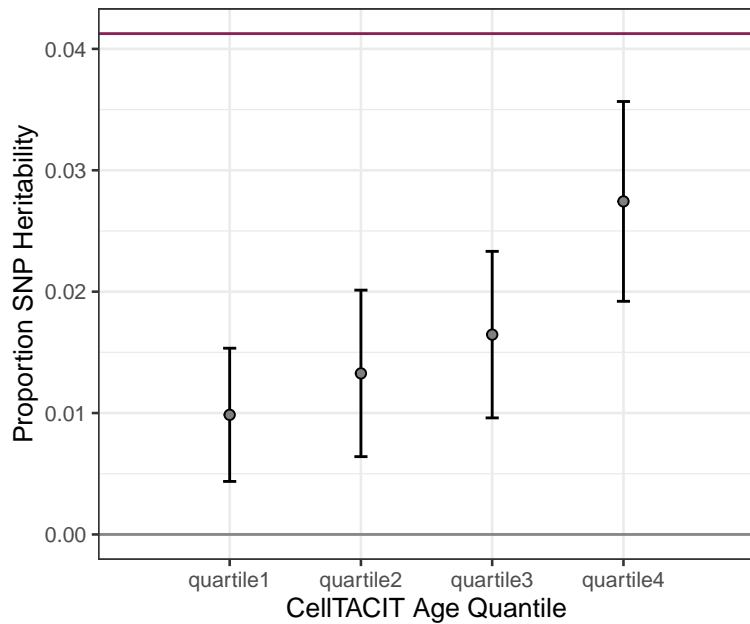
MSN\_D1, Gettingup\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, Gettingup\_E



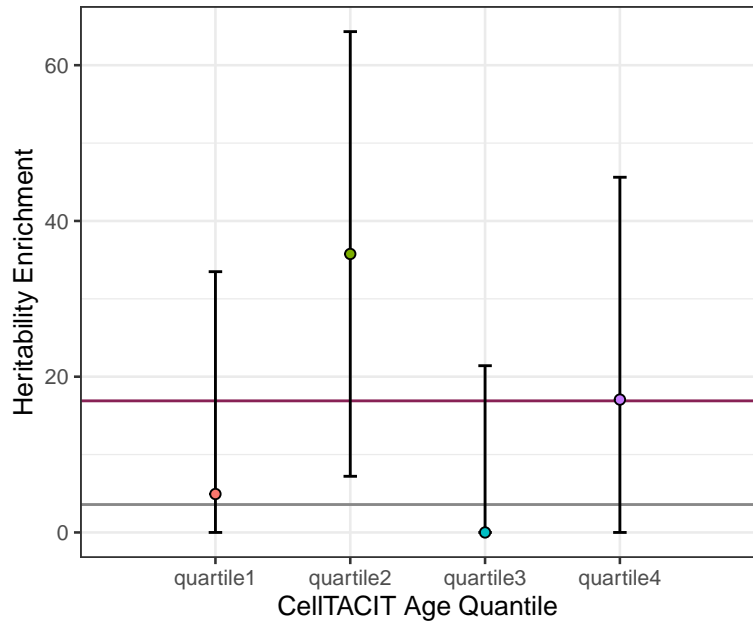
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

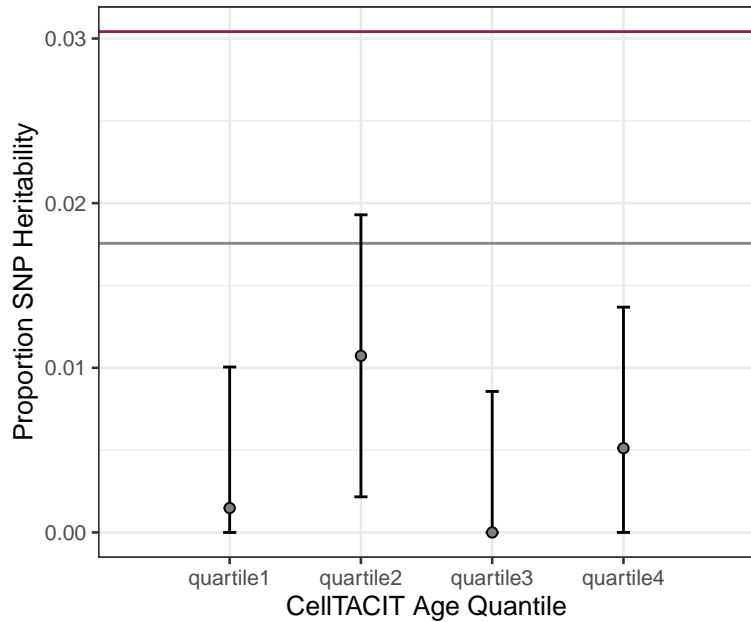
MSN\_D1, Insomnia\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, Insomnia\_E



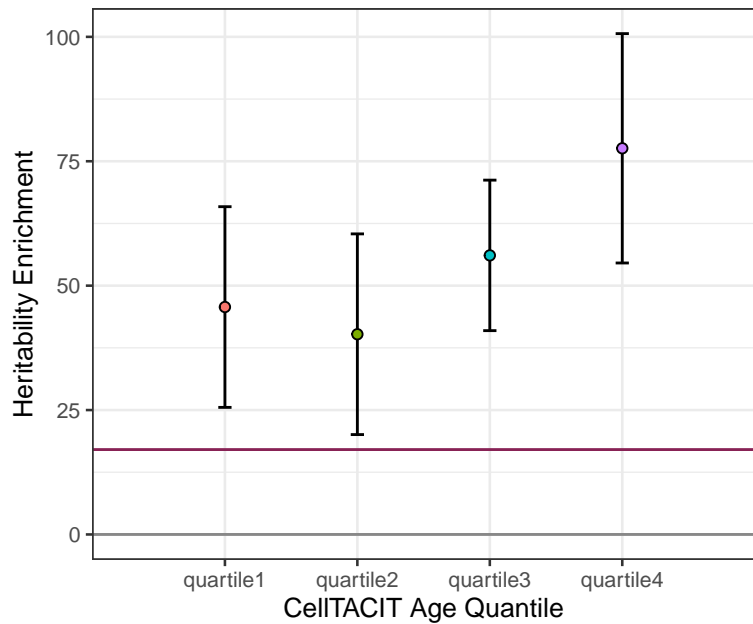
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

MSN\_D1, Morningness\_E



quantile



quartile1



quartile2

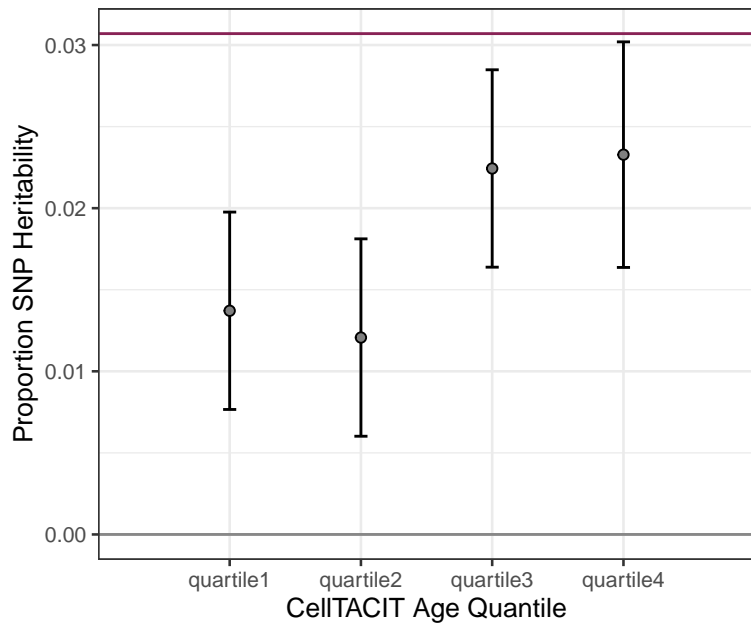


quartile3



quartile4

MSN\_D1, Morningness\_E



Zoonomia



phyloP.Acc



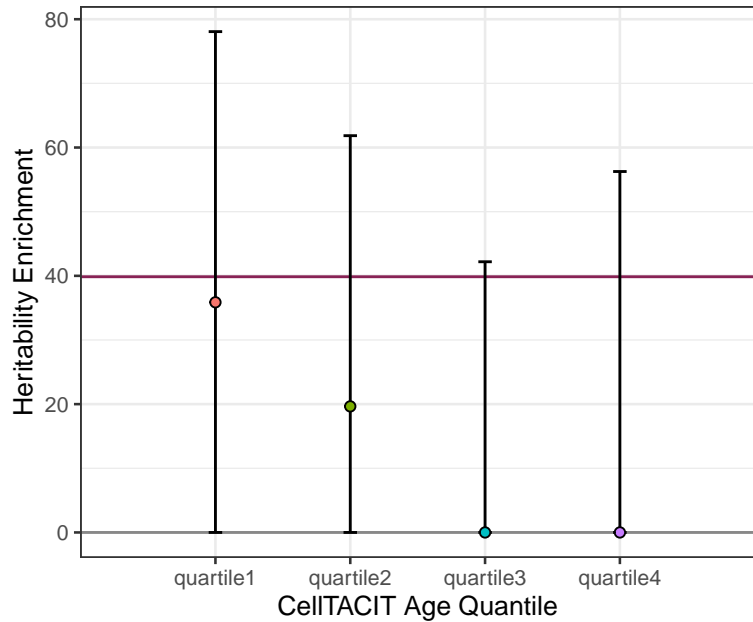
phyloP.Con

peaktype



quartile

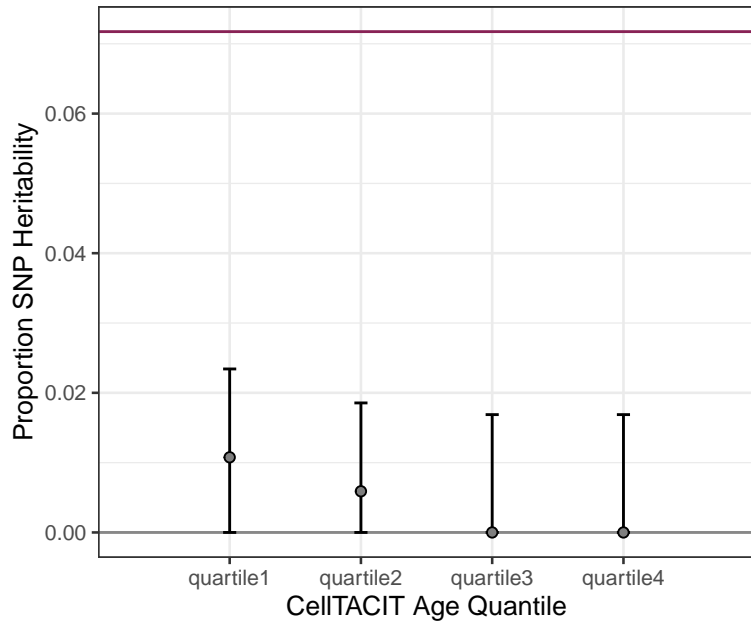
MSN\_D1, Napping\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, Napping\_E



Zoonomia

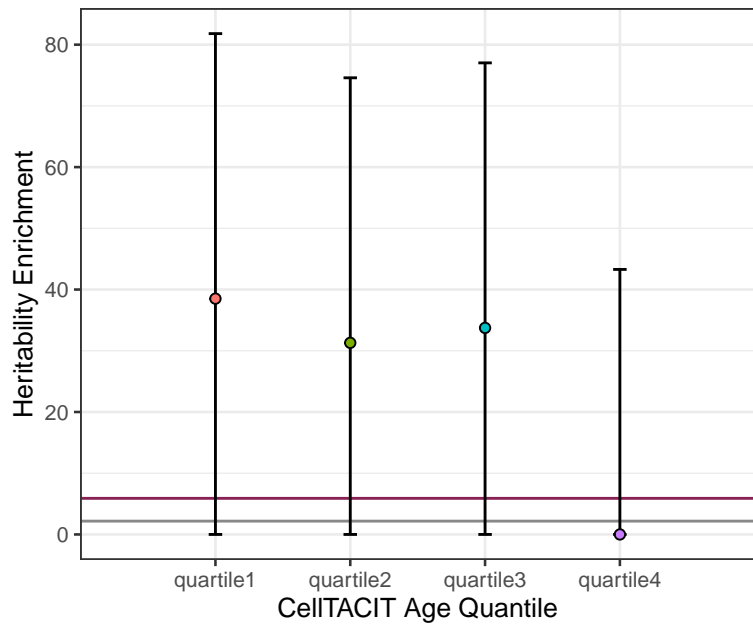
phyloP.Acc phyloP.Con

peaktype

quartile



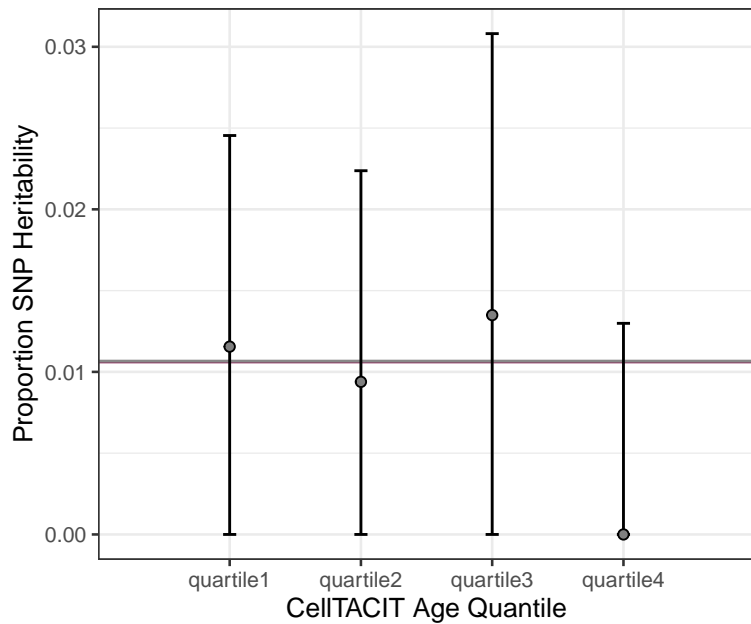
MSN\_D1, SleepDurLong\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, SleepDurLong\_E



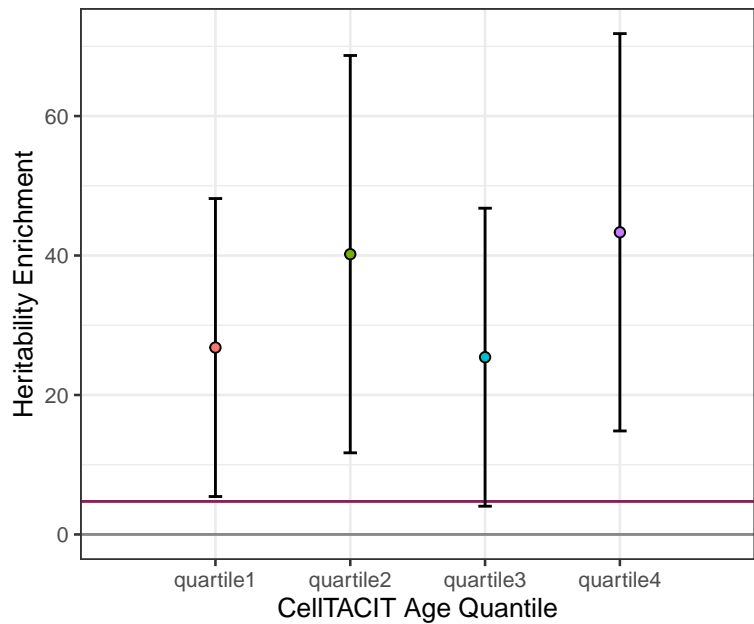
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

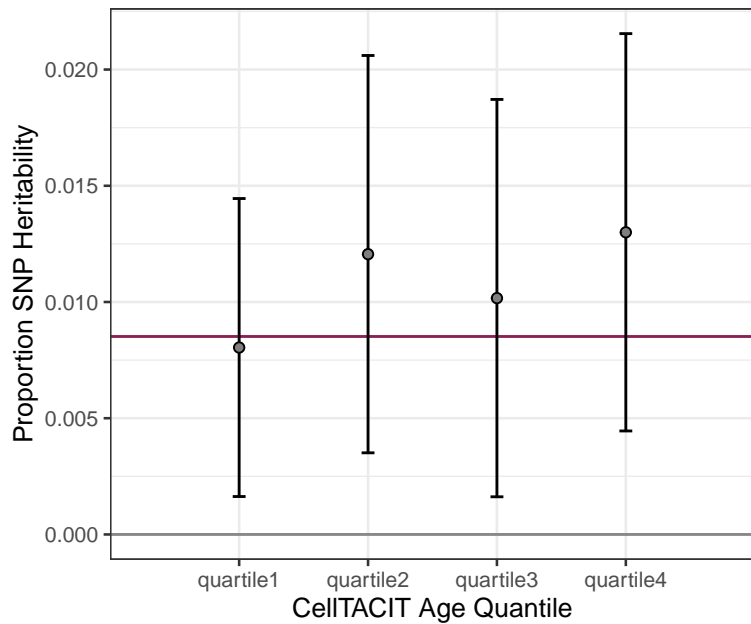
MSN\_D1, SleepDurShort\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, SleepDurShort\_E



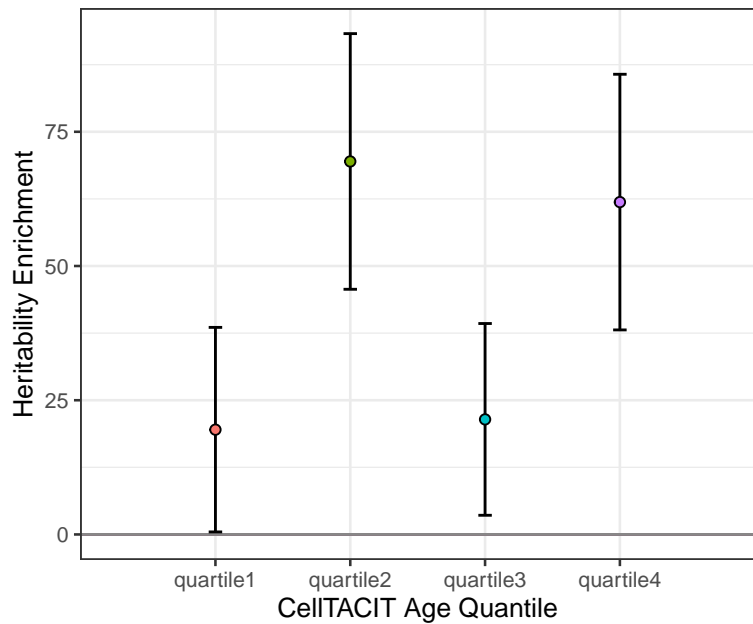
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

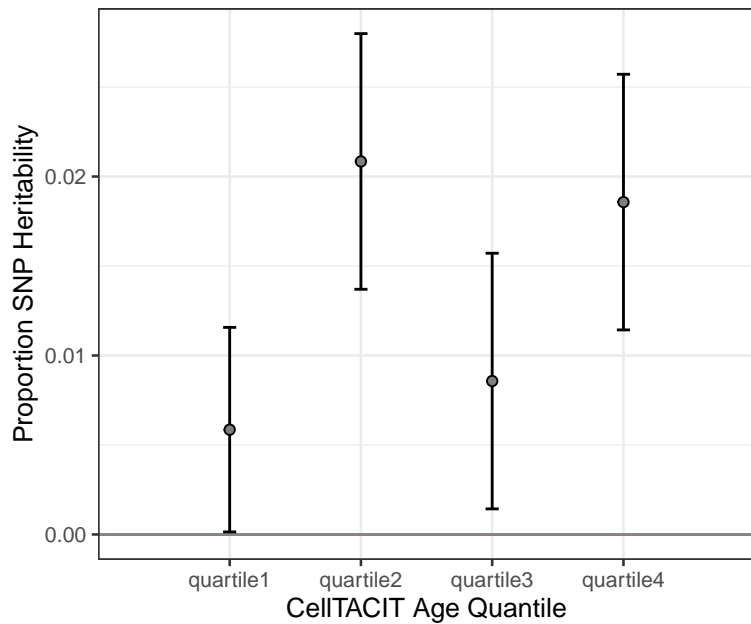
MSN\_D1, SleepDurTot\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, SleepDurTot\_E



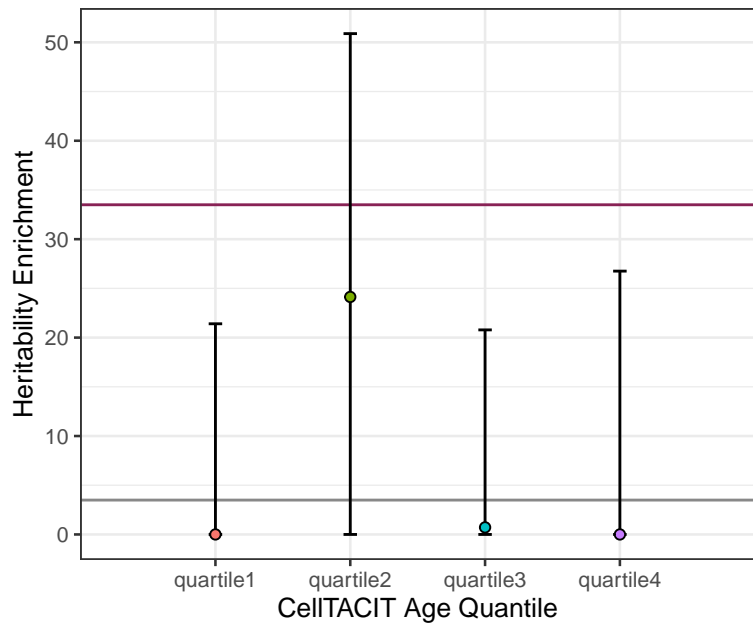
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

MSN\_D1, Snoring\_E



quantile



quartile1



quartile2

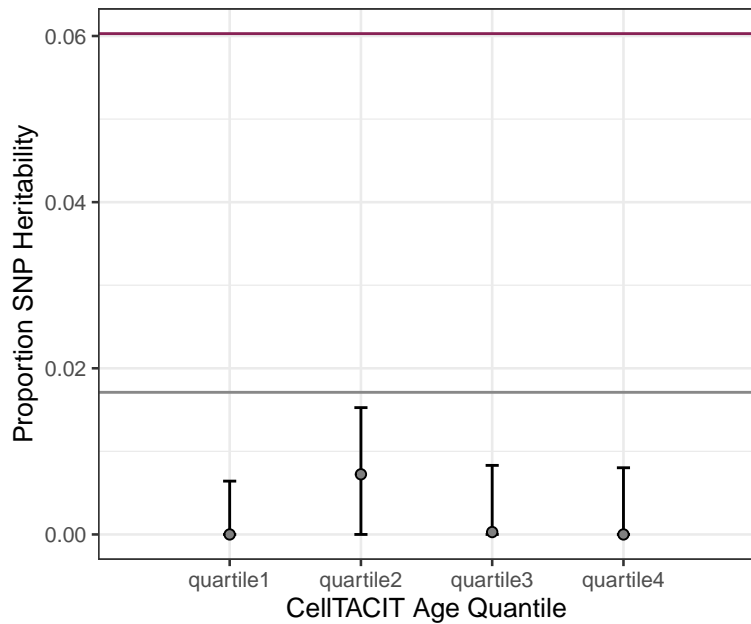


quartile3



quartile4

MSN\_D1, Snoring\_E



Zoonomia



phyloP.Acc



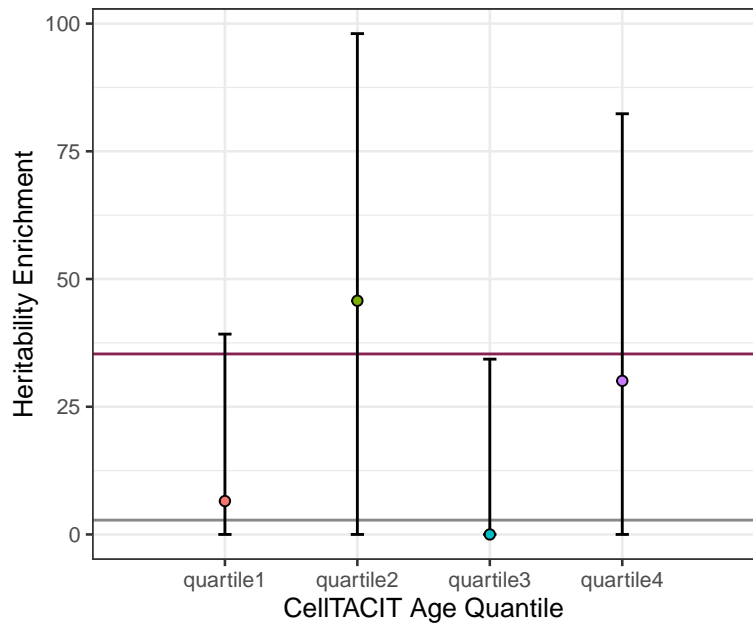
phyloP.Con

peaktype



quartile

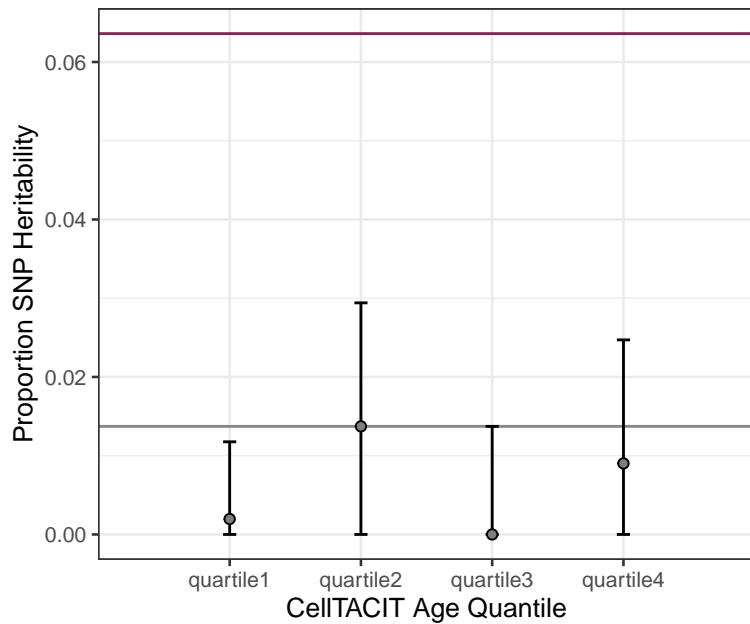
MSN\_D1, BloodUrea\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, BloodUrea\_E



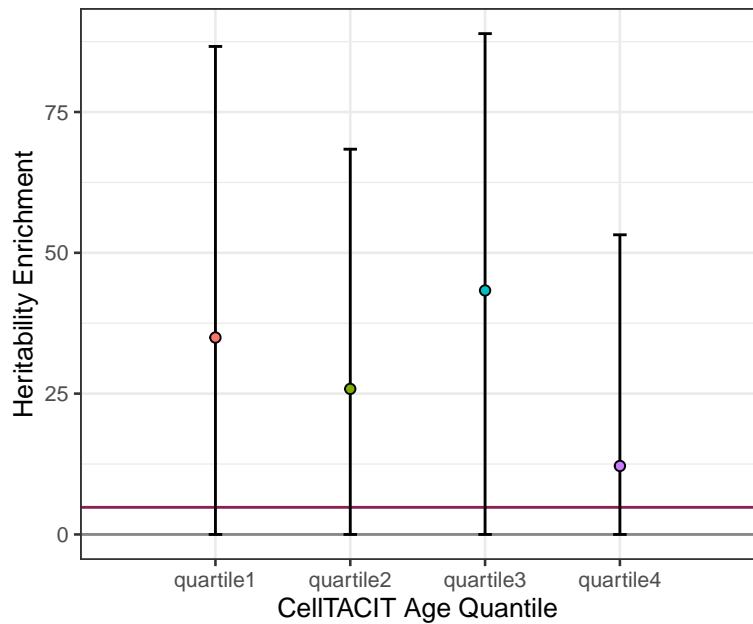
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

MSN\_D1, HDL\_E



quantile



quartile1



quartile2

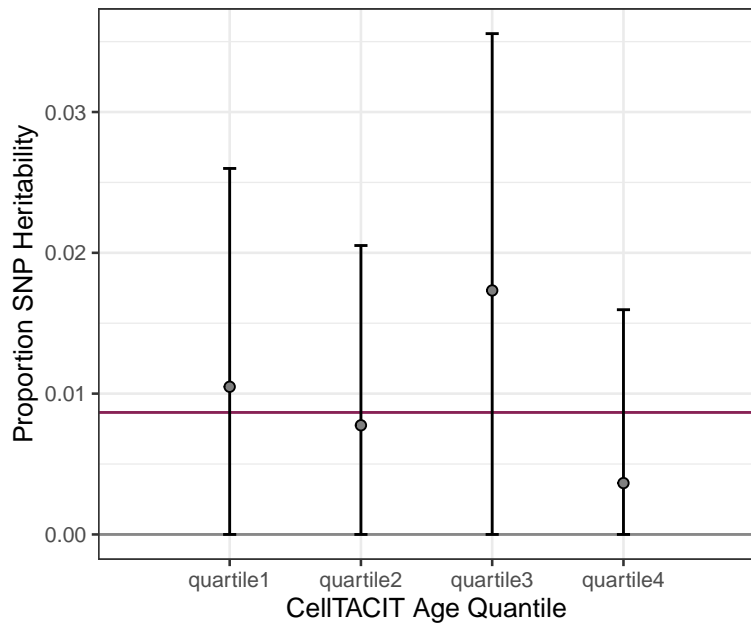


quartile3



quartile4

MSN\_D1, HDL\_E



Zoonomia



phyloP.Acc



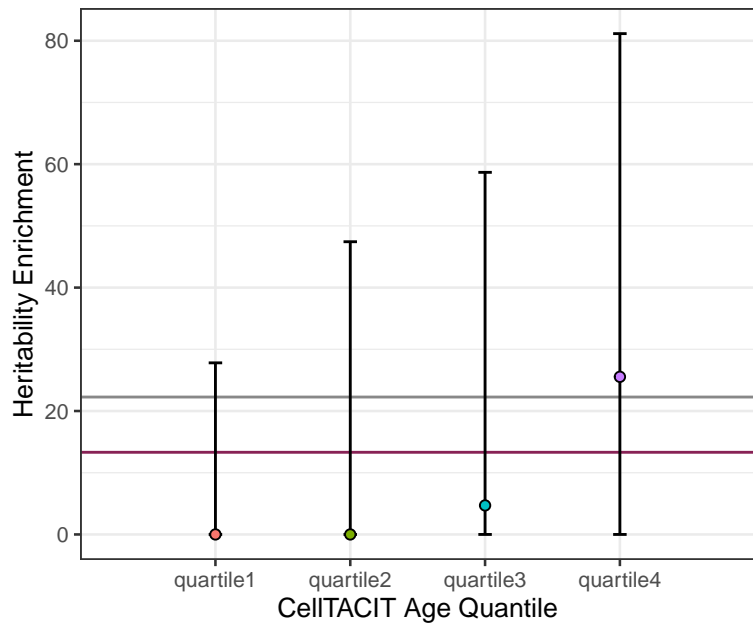
phyloP.Con

peaktype



quartile

MSN\_D1, LDL\_E



quantile



quartile1



quartile2

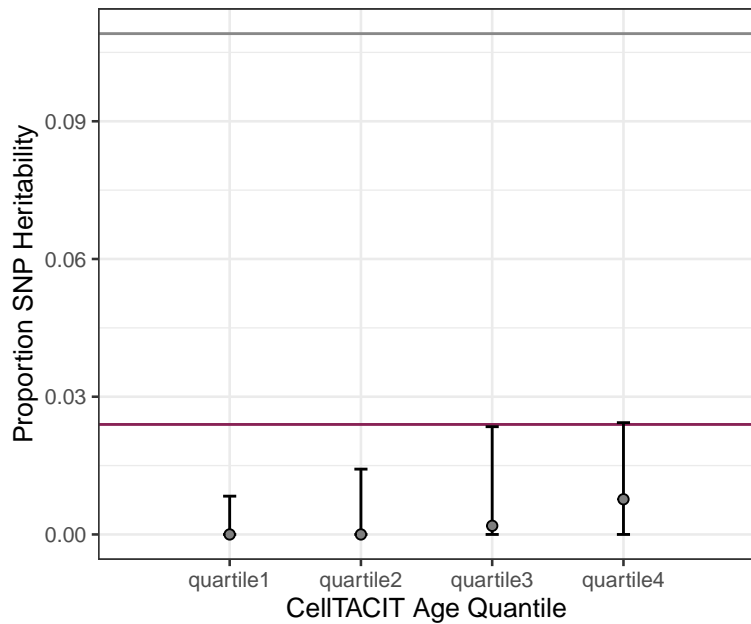


quartile3



quartile4

MSN\_D1, LDL\_E



Zoonomia



phyloP.Acc



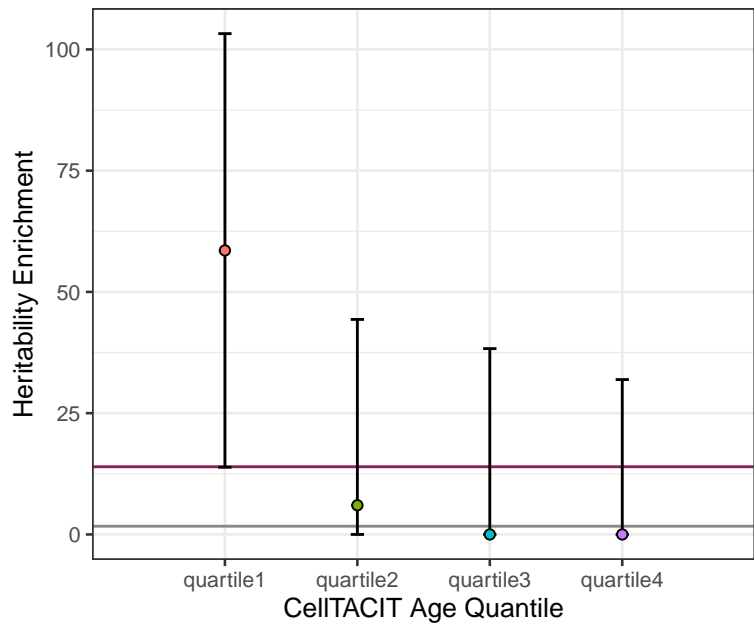
phyloP.Con

peaktype



quartile

MSN\_D1, T2Diabetes\_E



quantile



quartile1



quartile2

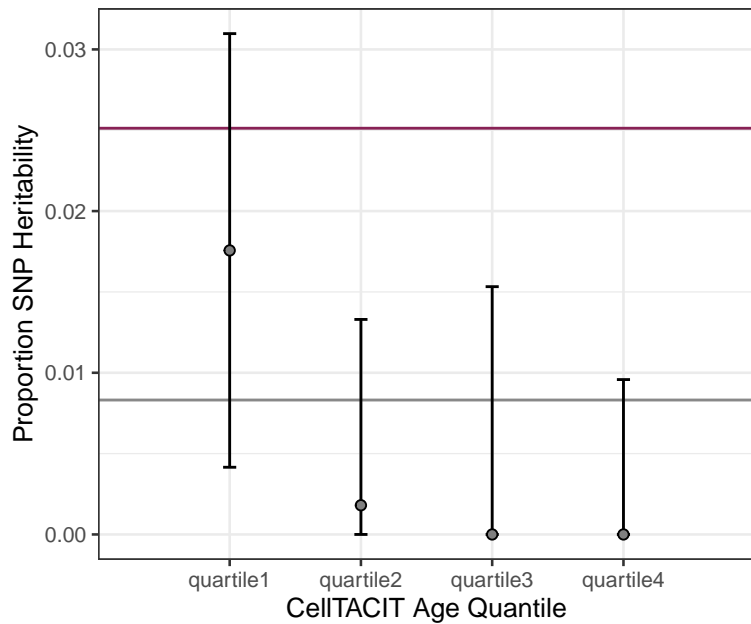


quartile3



quartile4

MSN\_D1, T2Diabetes\_E



Zoonomia

phyloP.Acc

phyloP.Con

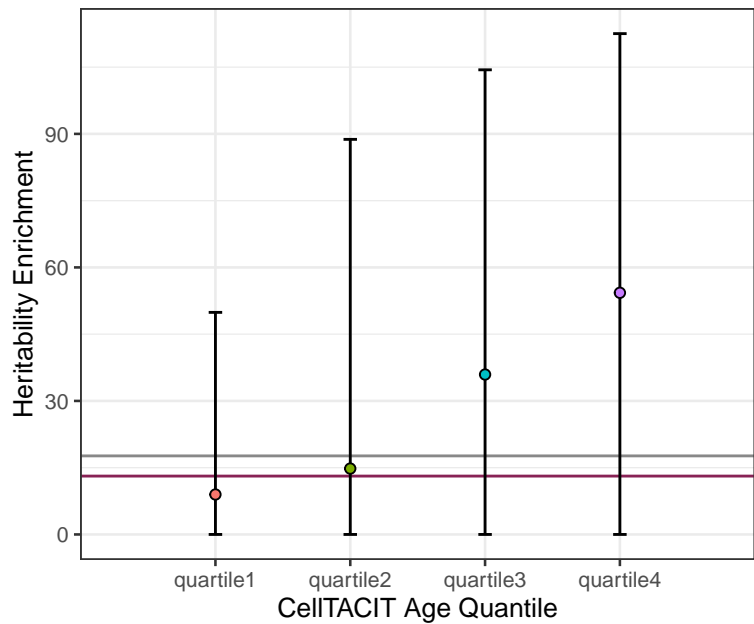
peaktype



quartile

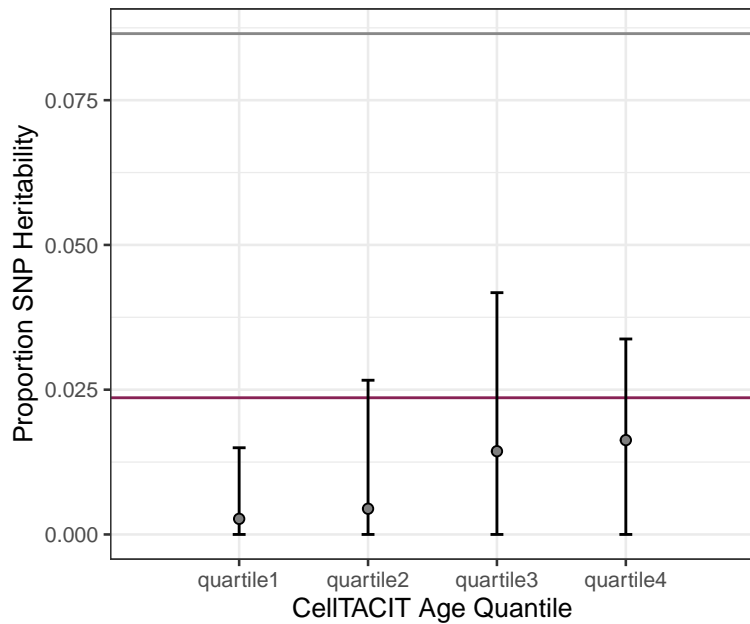


MSN\_D1, TotCholesterol\_E



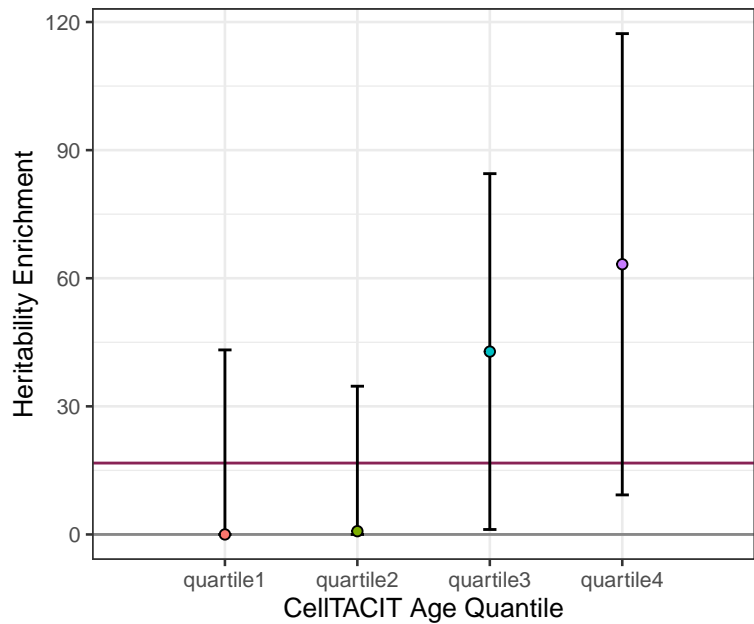
quantile  
quartile1 quartile2 quartile3 quartile4

MSN\_D1, TotCholesterol\_E



Zoonomia  
phyloP.Acc phyloP.Con  
peaktype  
quartile

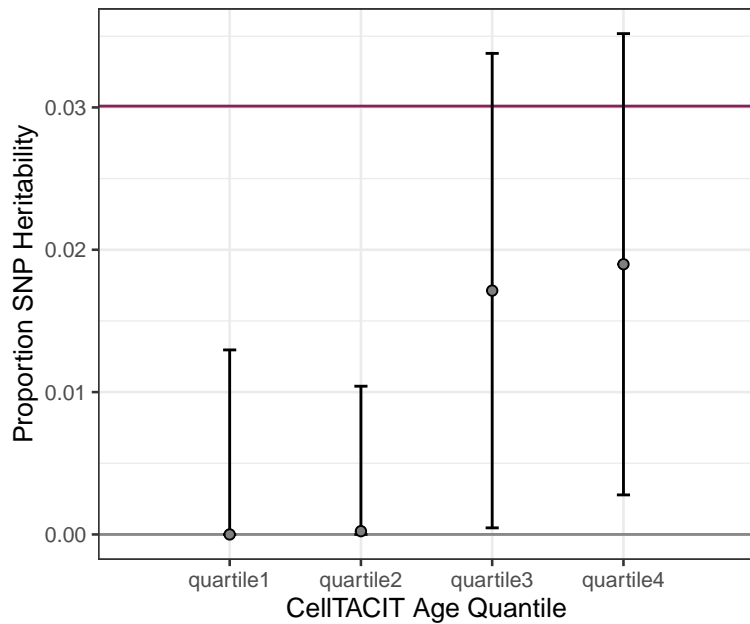
MSN\_D1, Triglycerides\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, Triglycerides\_E



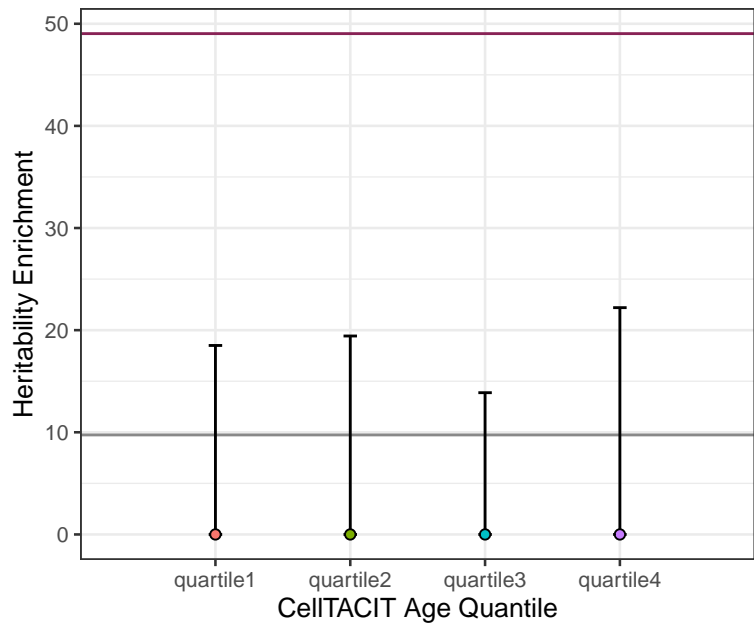
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

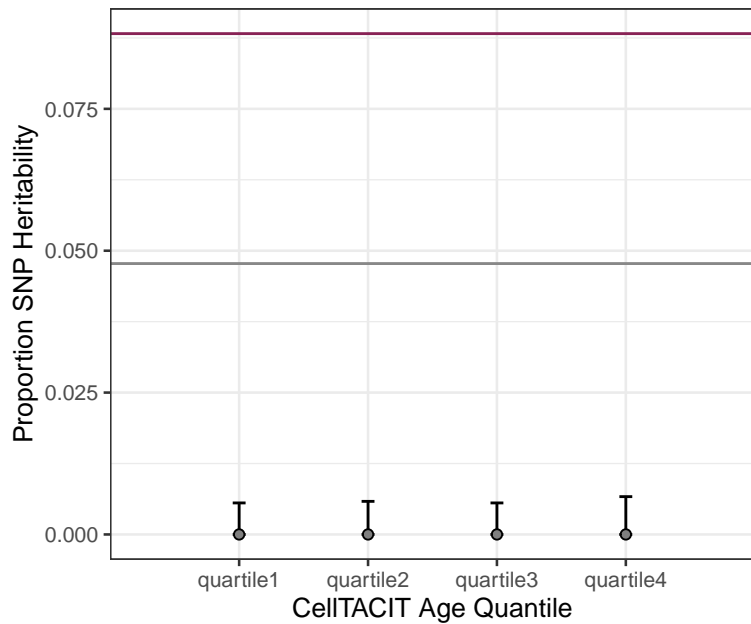
MSN\_D1, BMD\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, BMD\_E



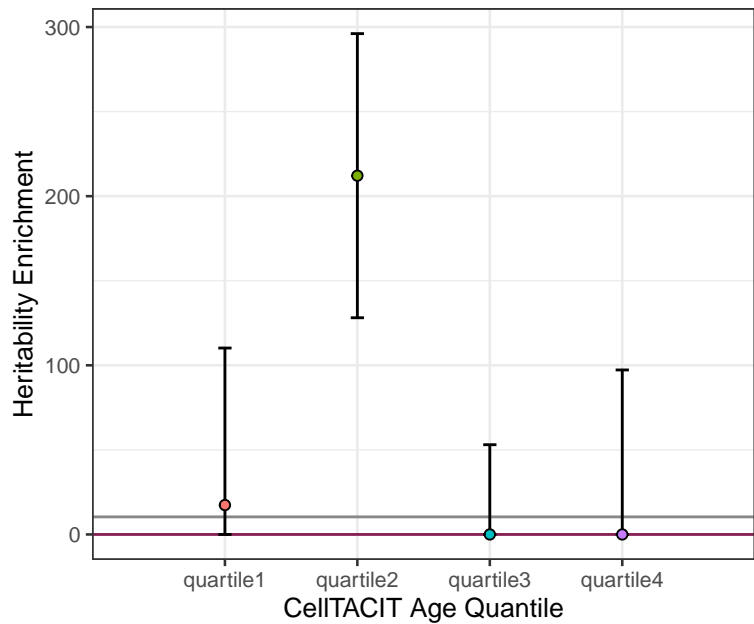
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

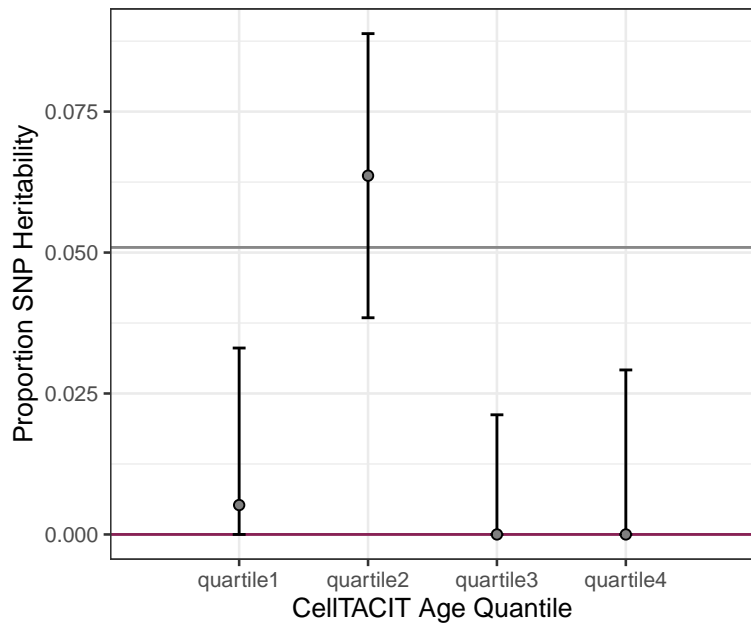
MSN\_D1, CAD\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, CAD\_E



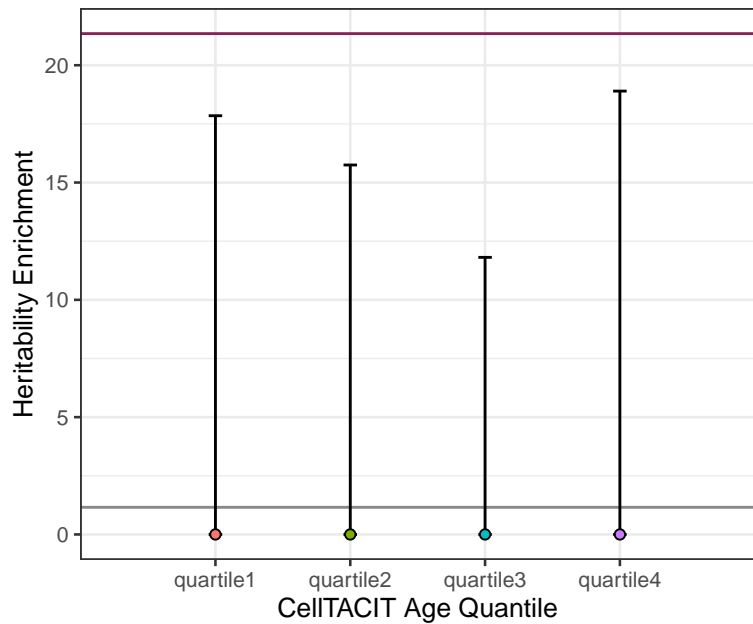
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

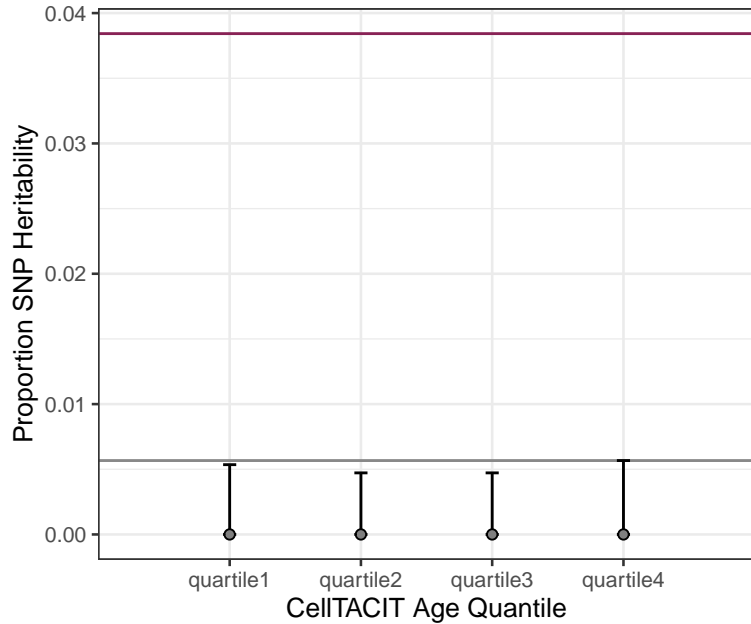
MSN\_D1, Height\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, Height\_E



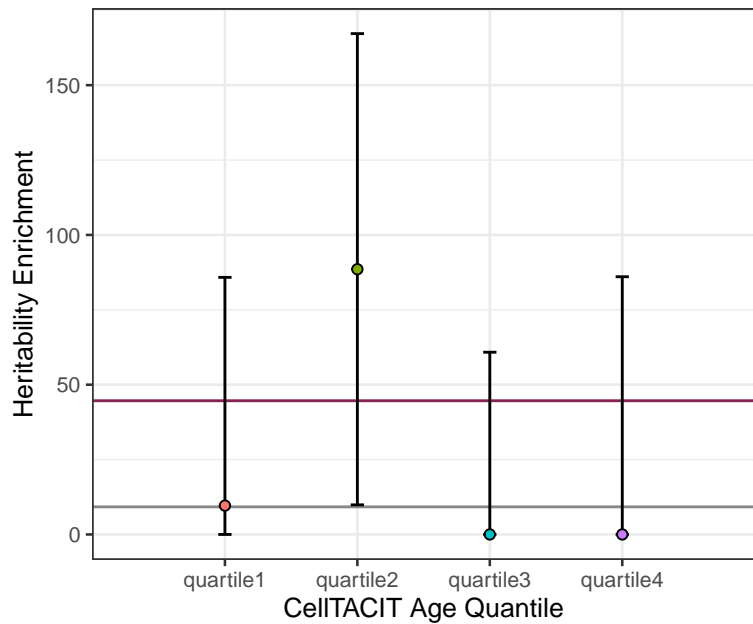
Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile

MSN\_D1, LBM\_E



quantile



quartile1



quartile2

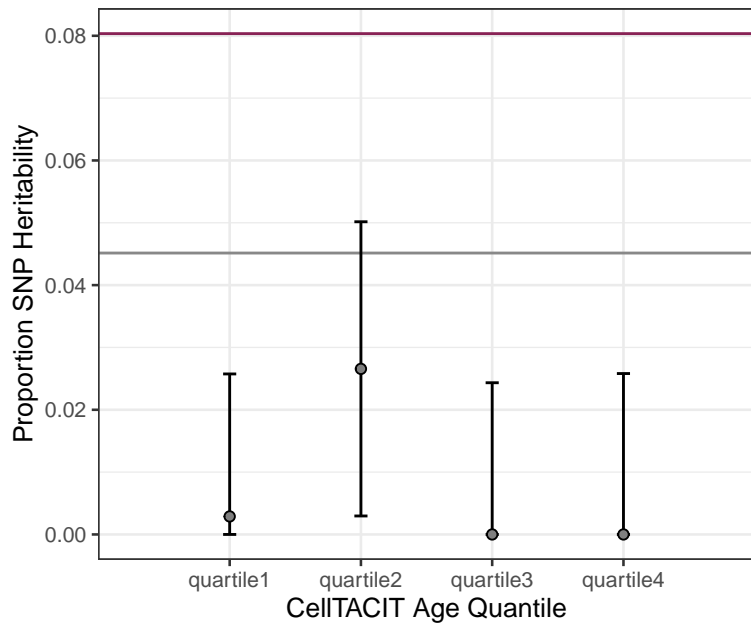


quartile3



quartile4

MSN\_D1, LBM\_E



Zoonomia



phyloP.Acc



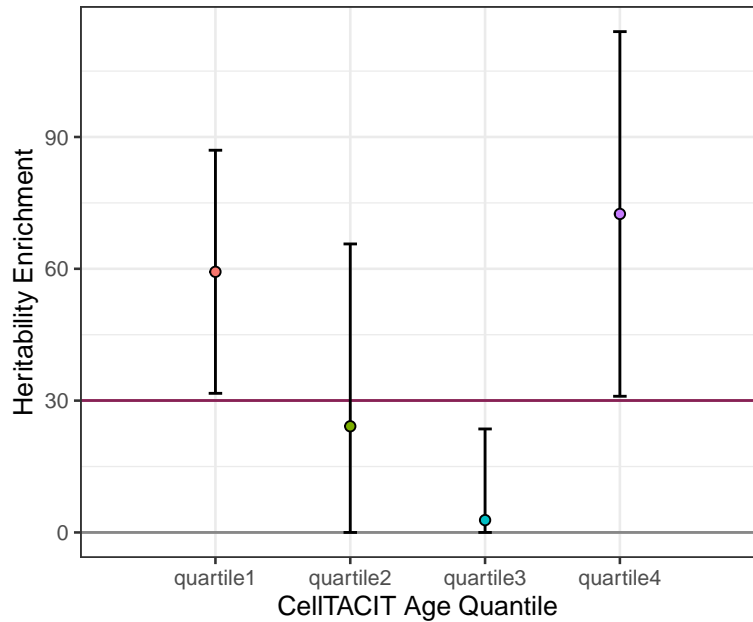
phyloP.Con

peaktype



quartile

MSN\_D1, Longevity\_E



quantile



quartile1



quartile2

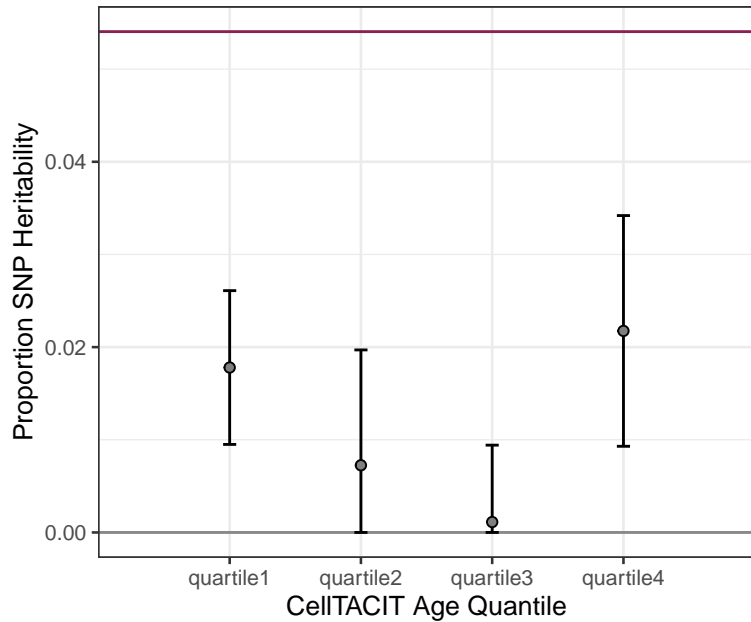


quartile3



quartile4

MSN\_D1, Longevity\_E



Zoonomia



phyloP.Acc



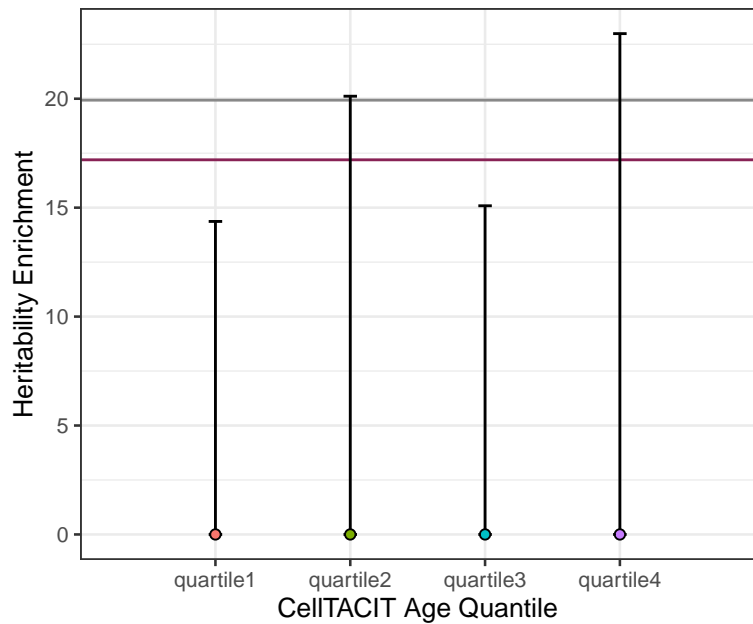
phyloP.Con

peaktype



quartile

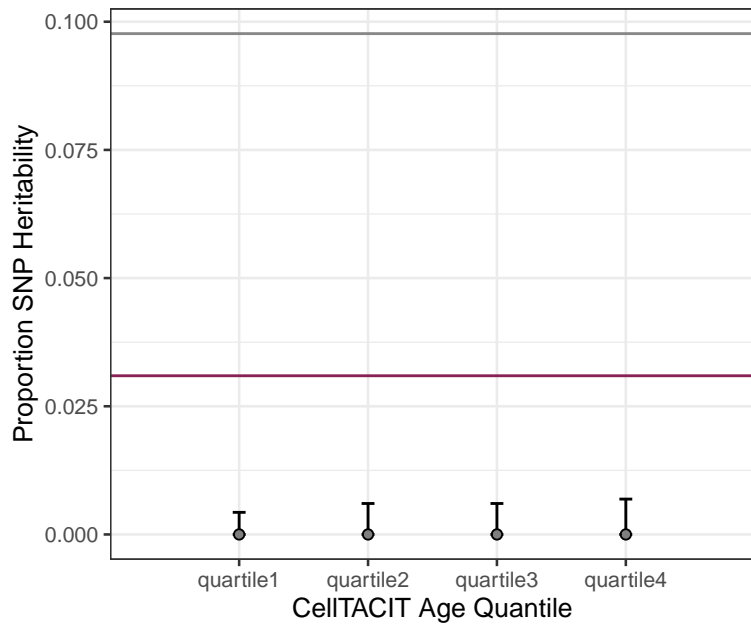
MSN\_D1, WHRadjBMI\_E



quantile

quartile1 quartile2 quartile3 quartile4

MSN\_D1, WHRadjBMI\_E



Zoonomia

phyloP.Acc phyloP.Con

peaktype

quartile