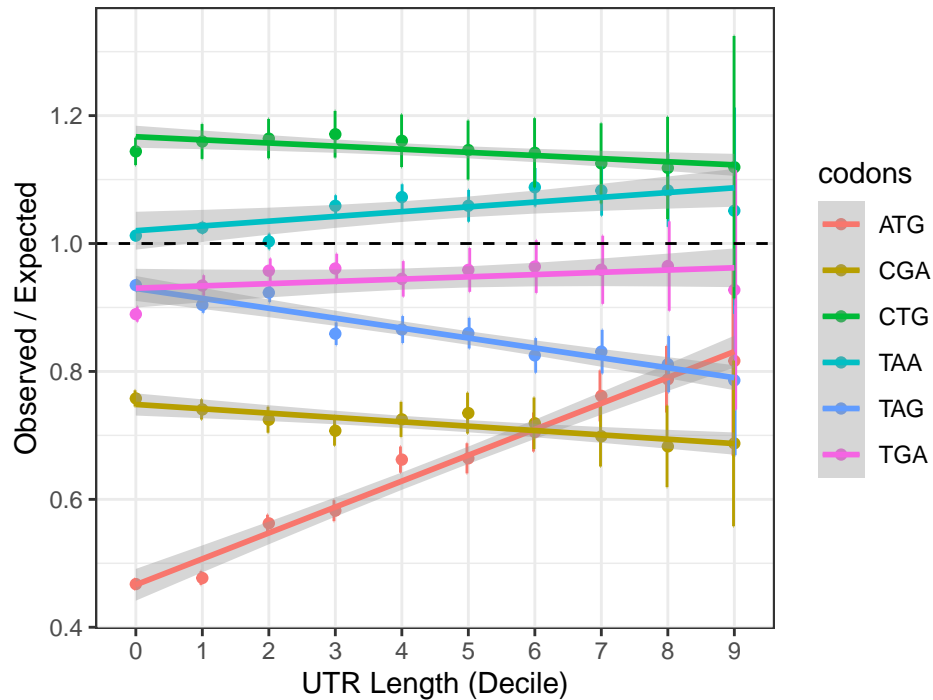
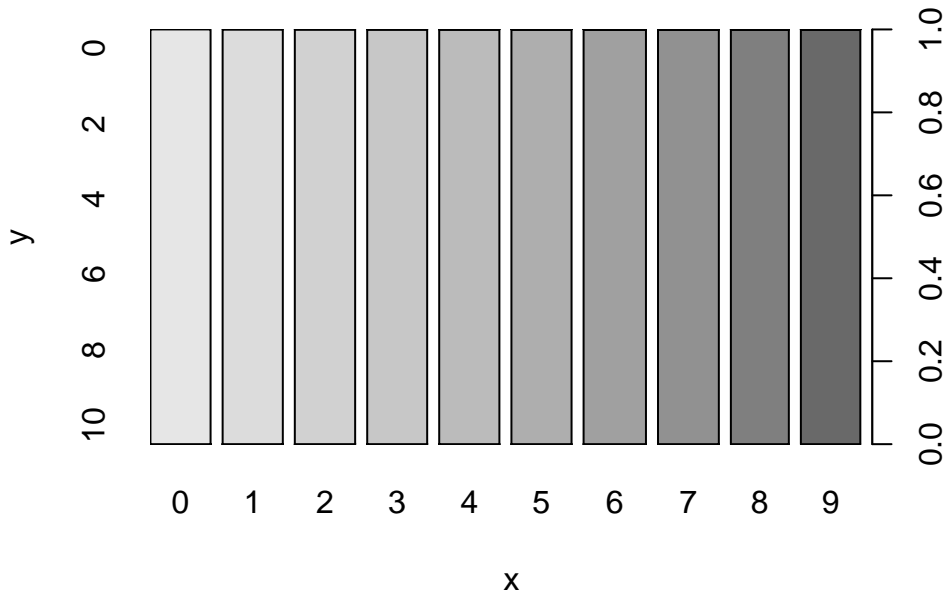
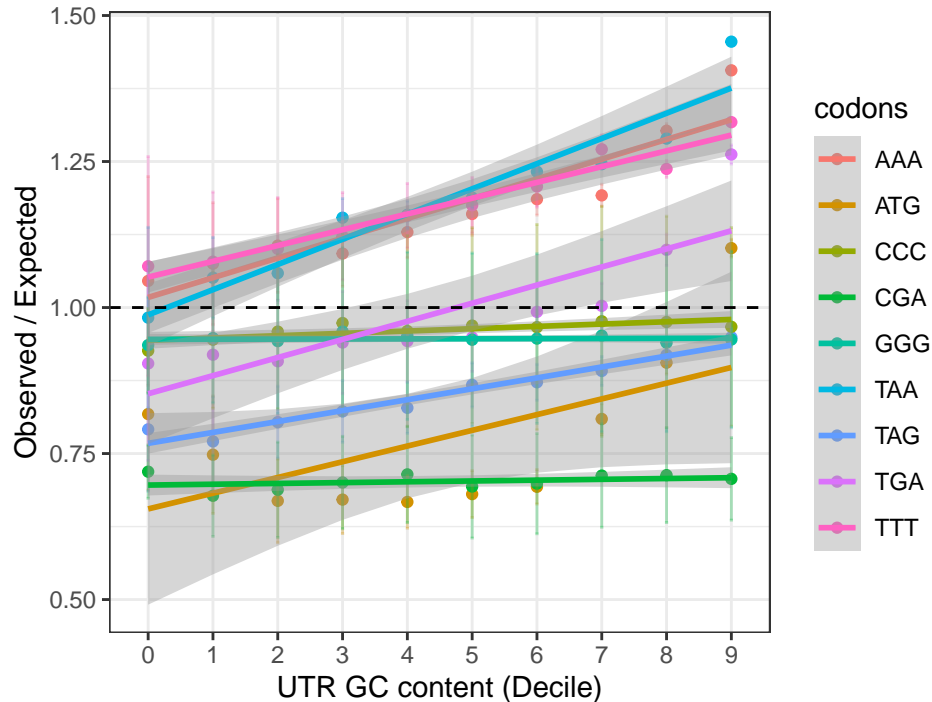


# 5' UTR UTR length

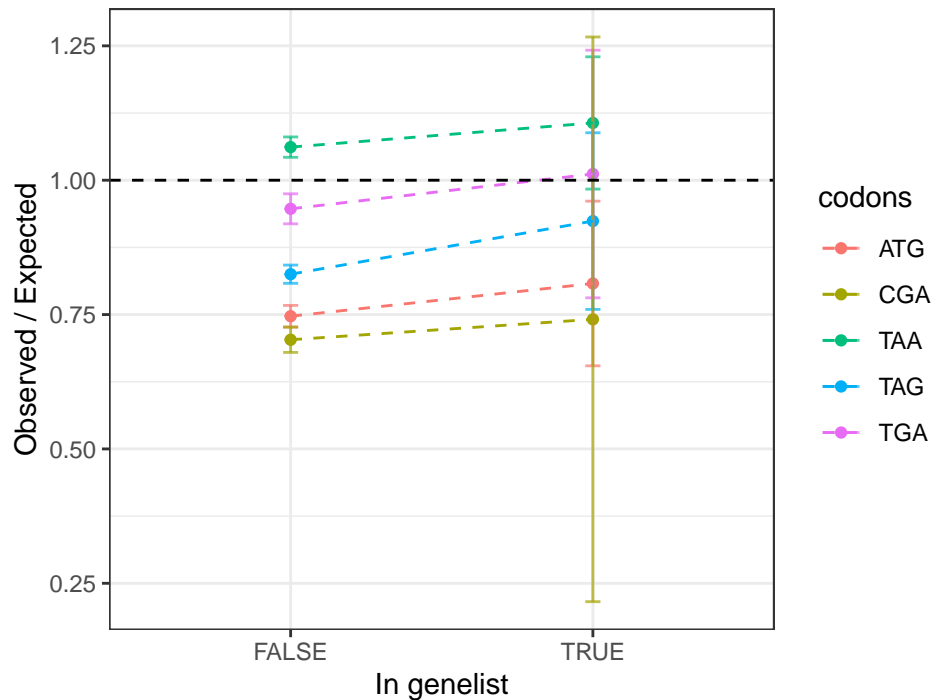




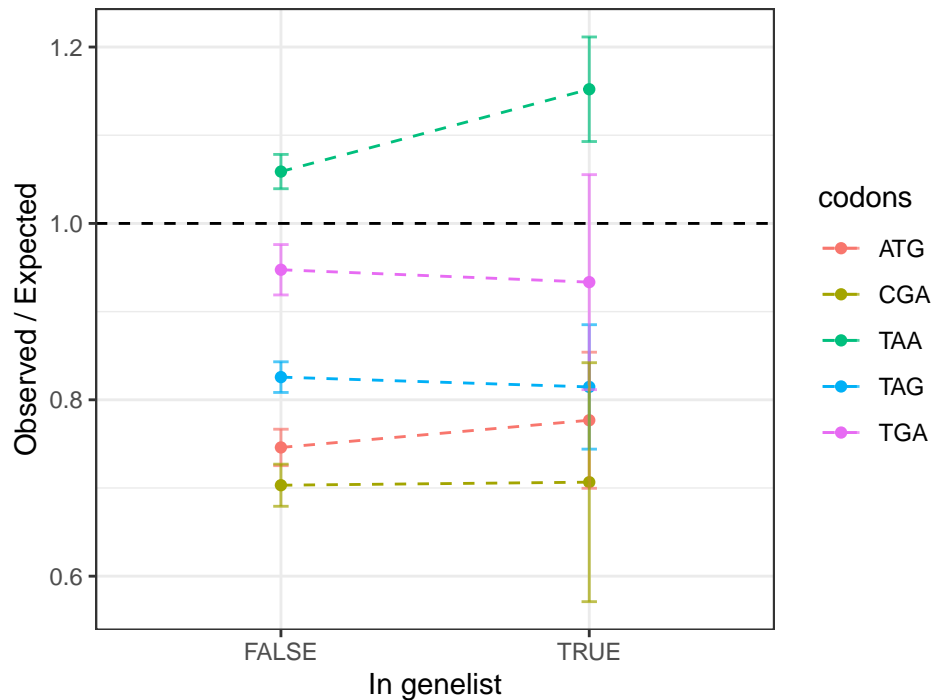
# 5' UTR UTR GC content



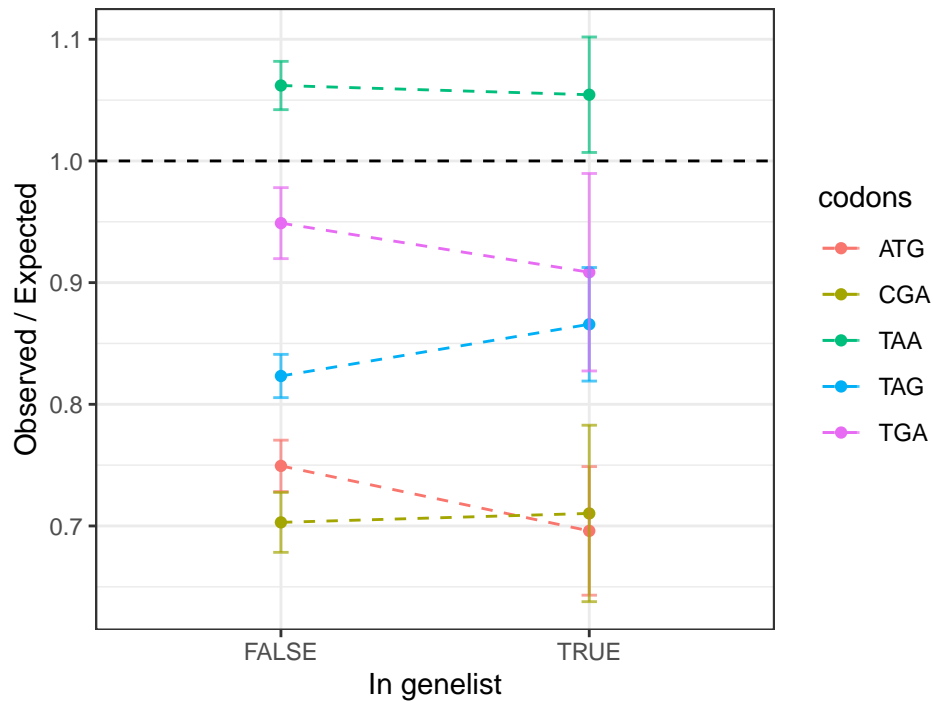
# 5' UTR Genelist: ACMG\_2\_0



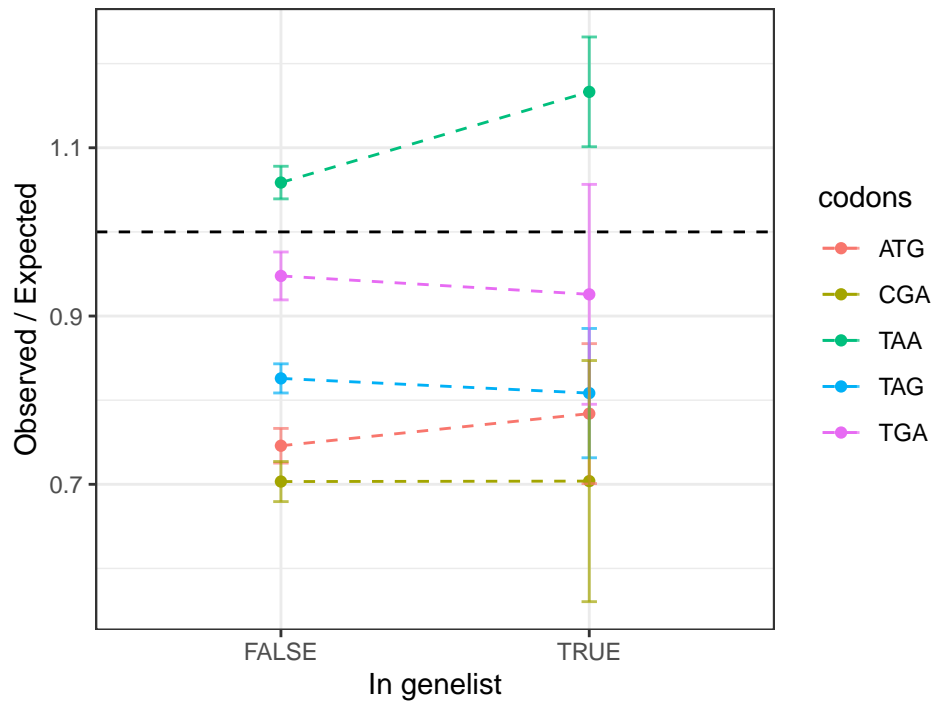
# 5' UTR Genelist: all\_ad



# 5' UTR Genelist: all\_ar

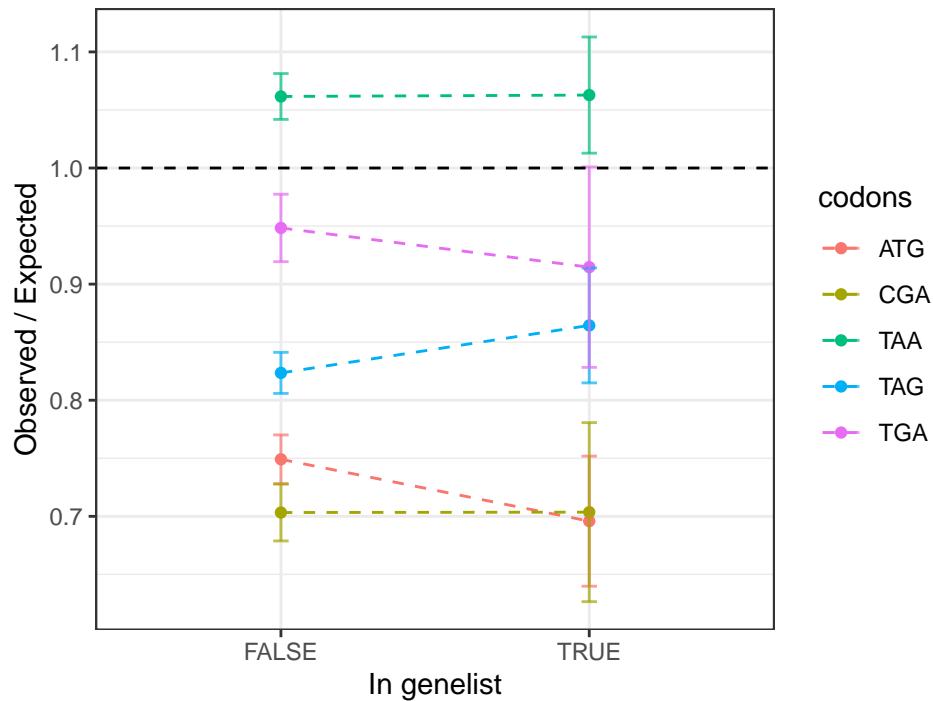


# 5' UTR Genelist: berg\_ad

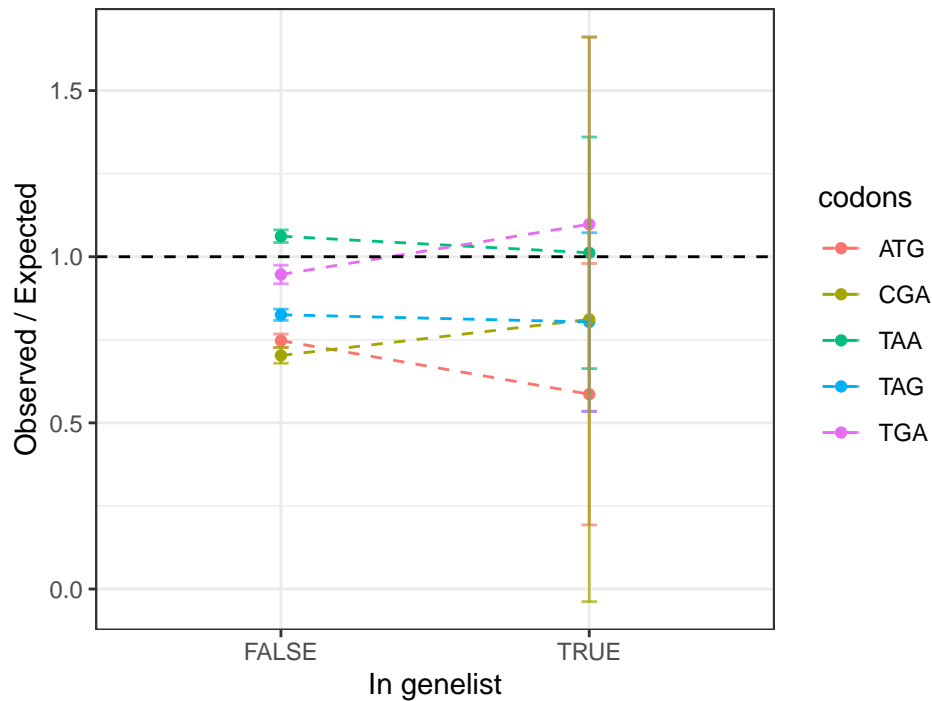




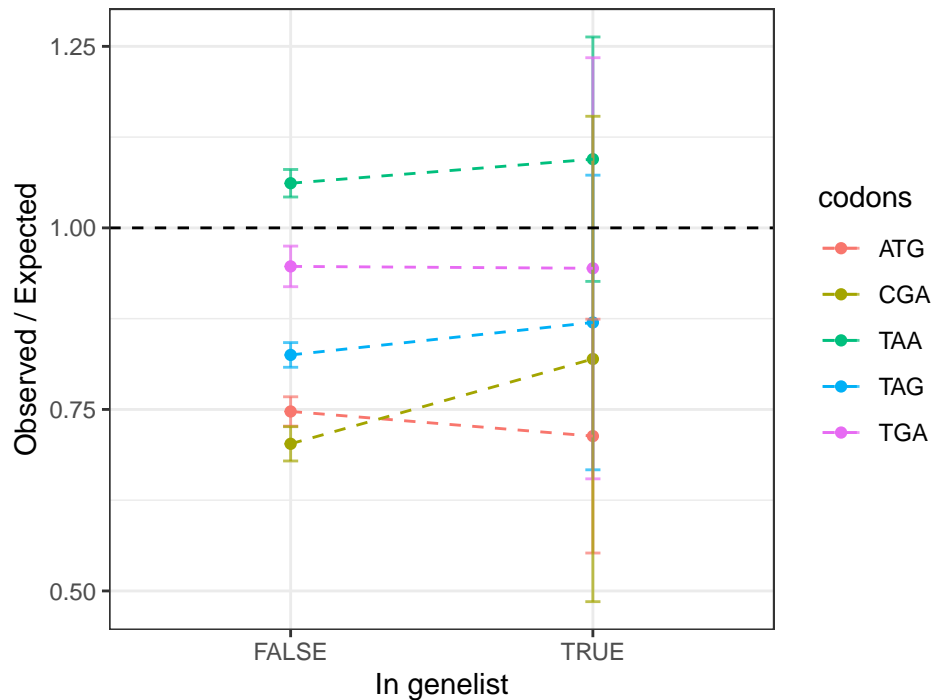
# 5' UTR Genelist: berg\_ar



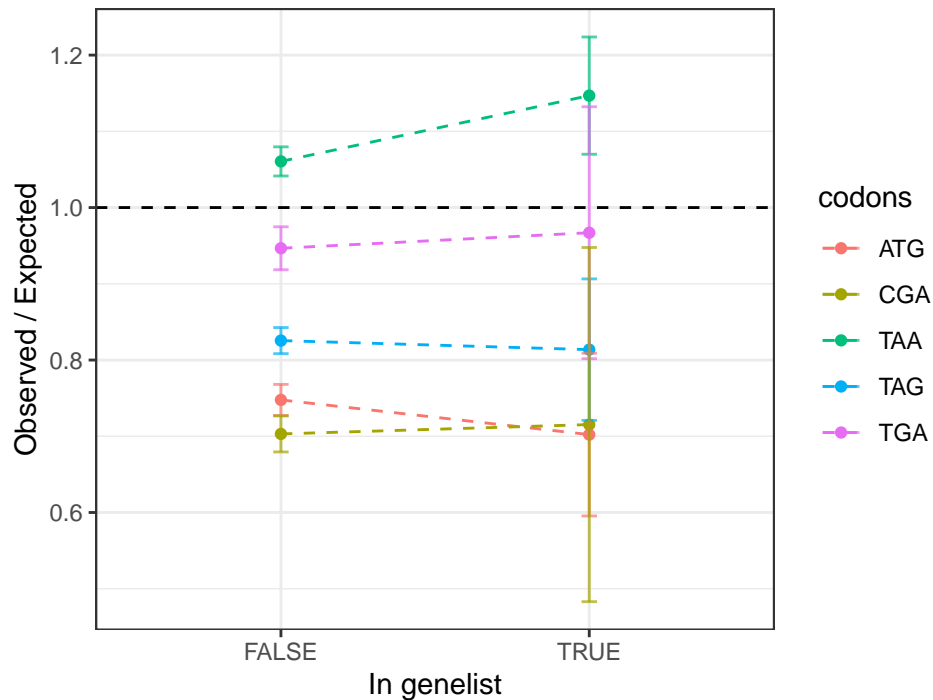
# 5' UTR Genelist: berg\_xd



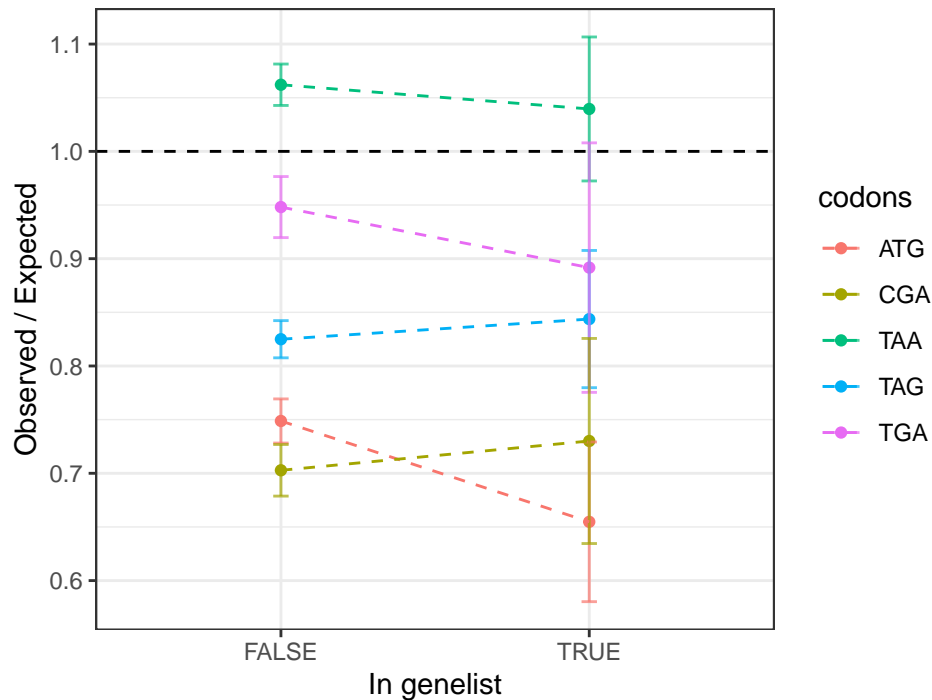
# 5' UTR Genelist: berg\_xr



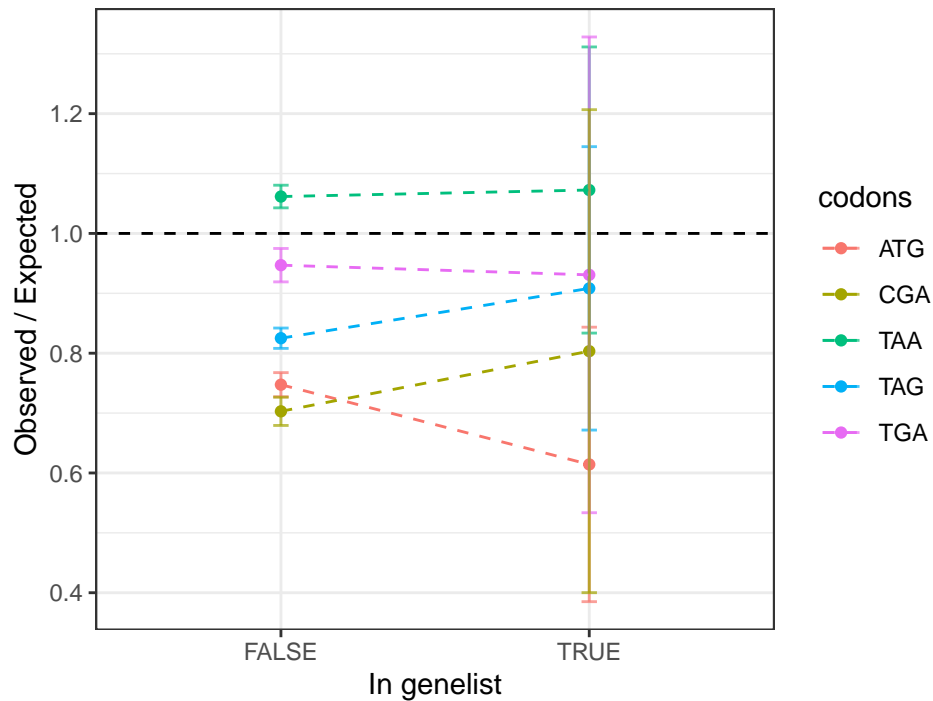
# 5' UTR Genelist: blekhman\_ad



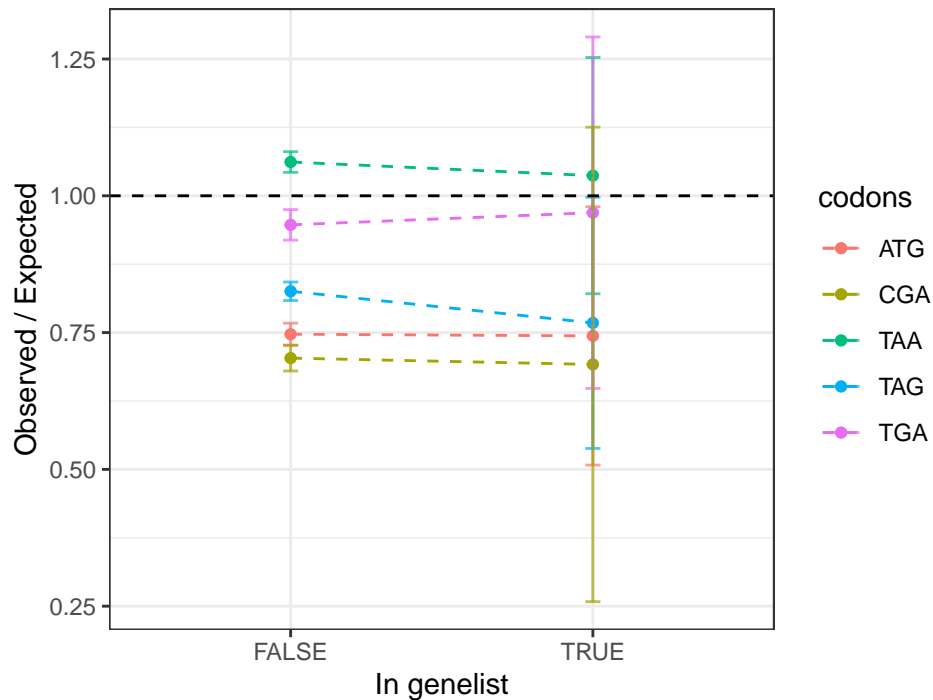
# 5' UTR Genelist: blekhman\_ar



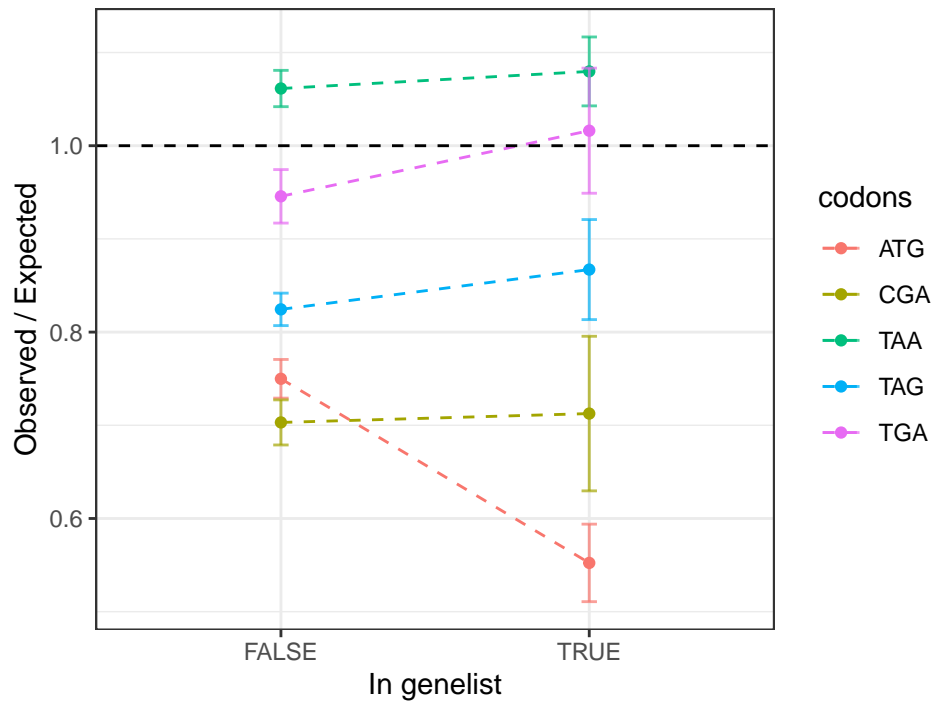
# 5' UTR Genelist: blekhman\_x



# 5' UTR Genelist: BROCA\_Cancer\_Risk\_Panel

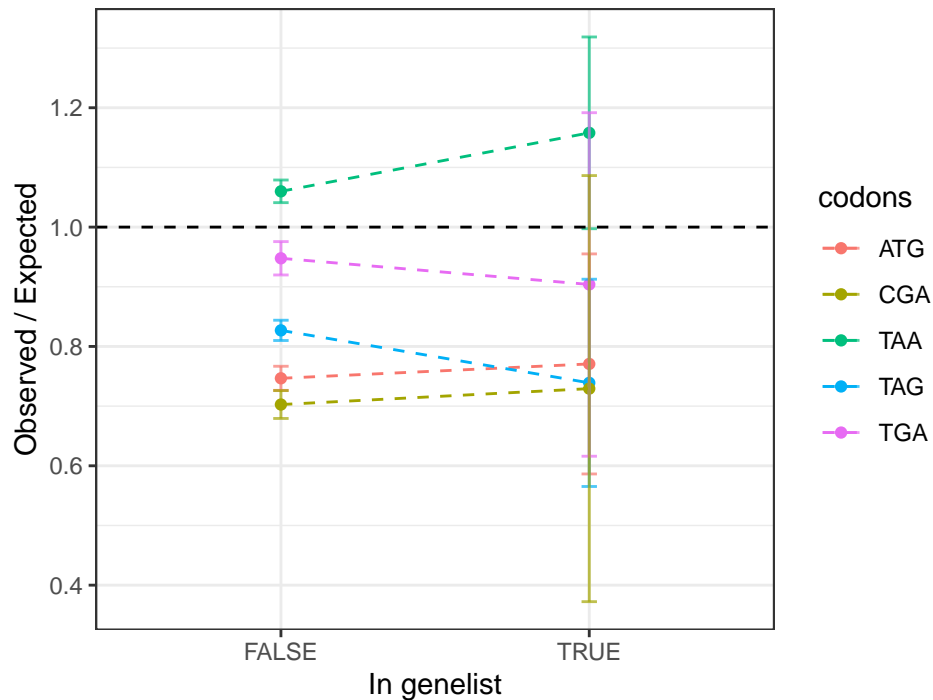


# 5' UTR Genelist: CEGv2\_subset\_universe

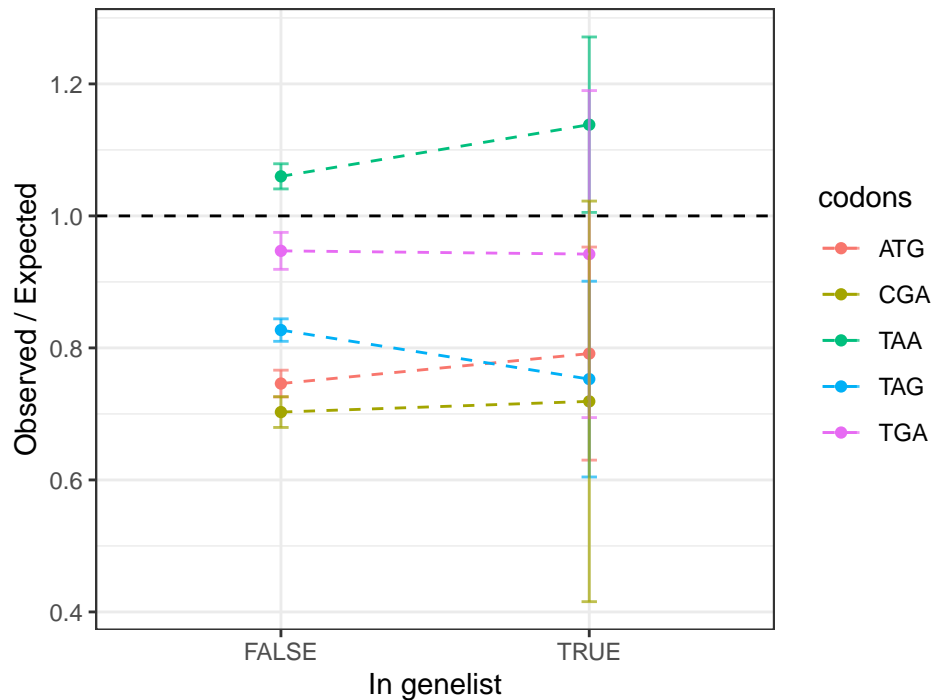




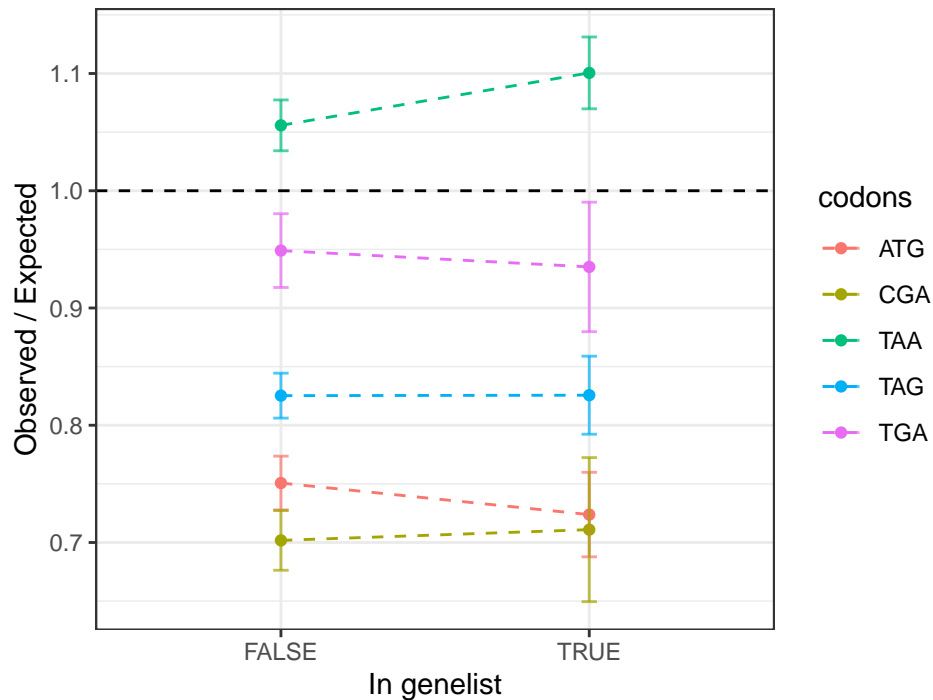
# 5' UTR Genelist: clingen\_level3\_genes\_2015\_02\_27



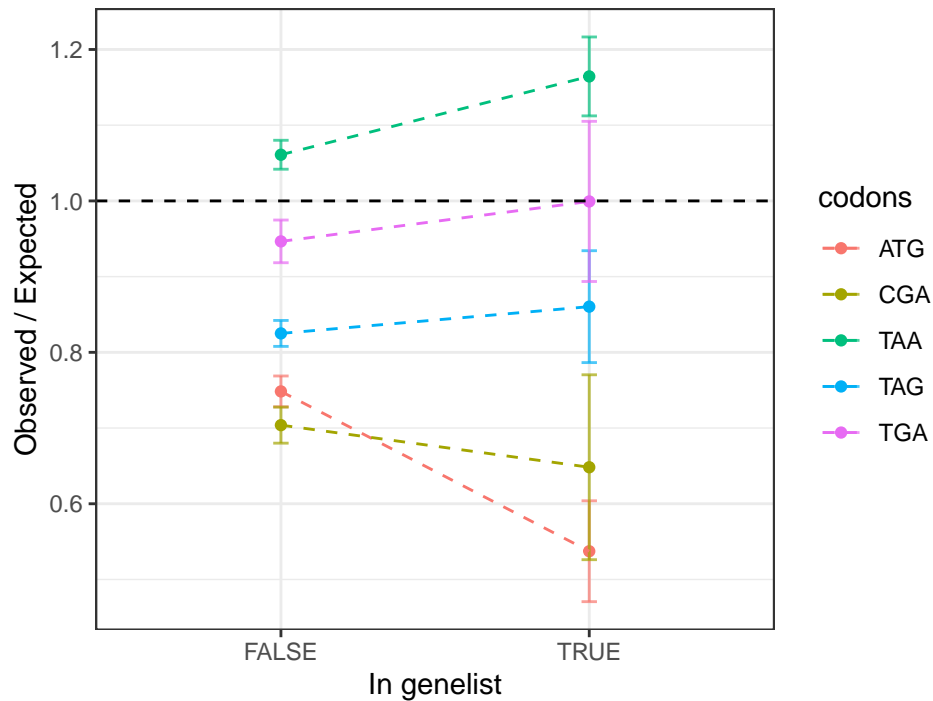
# 5' UTR Genelist: clingen\_level3\_genes\_2018\_09\_13



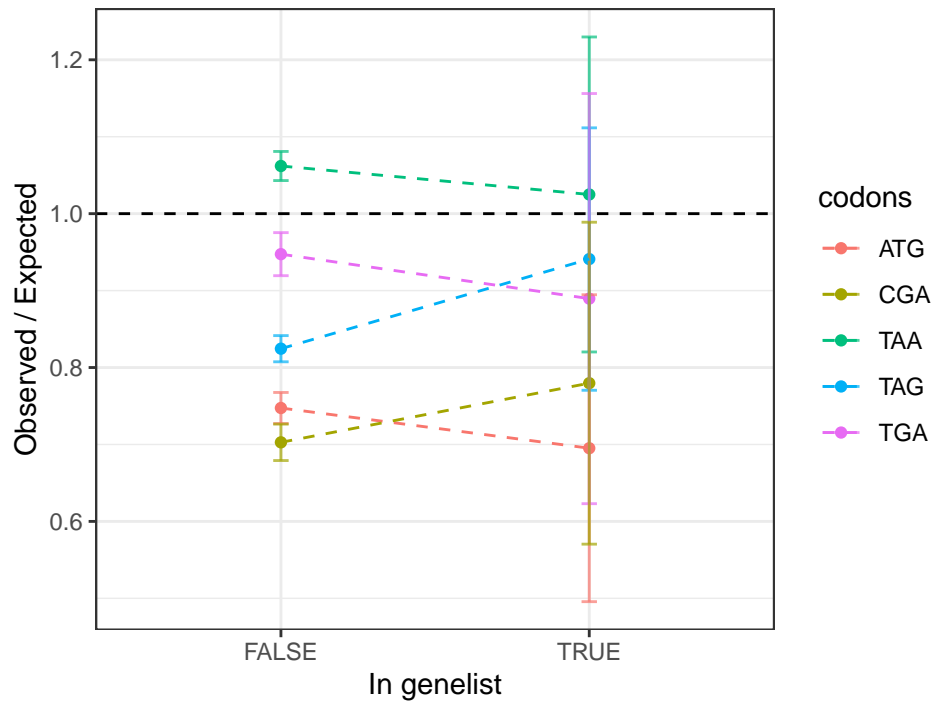
# 5' UTR Genelist: clinvar\_path\_likelypath



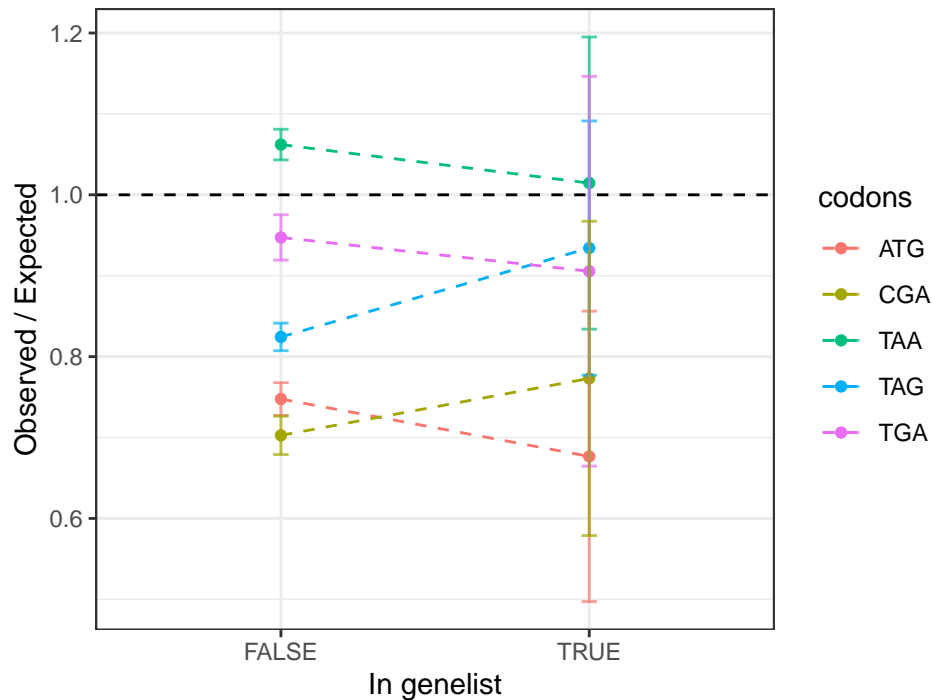
# 5' UTR Genelist: core\_essentials\_hart



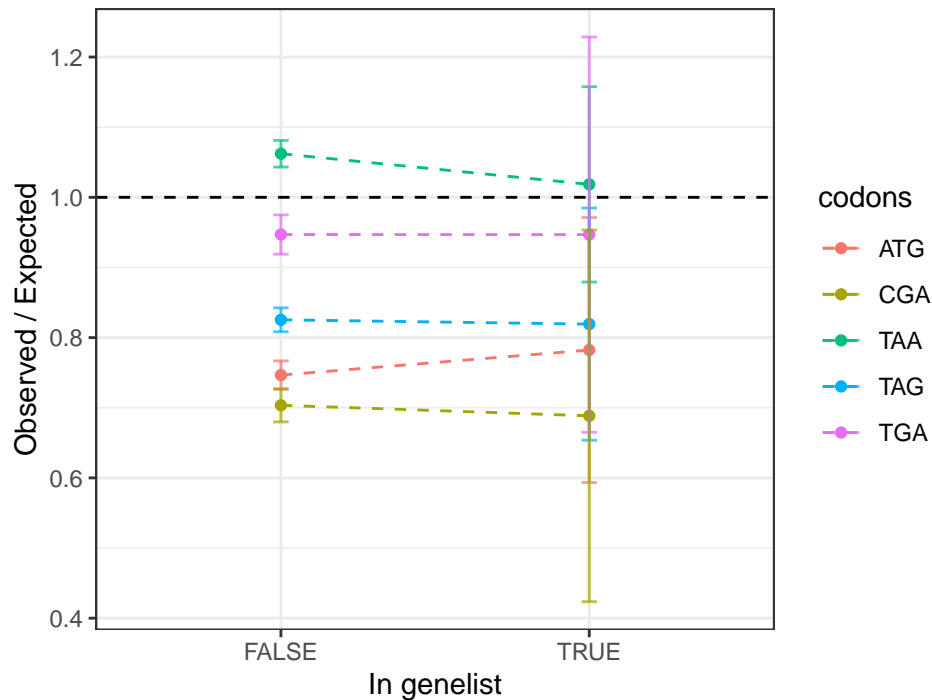
# 5' UTR Genelist: DRG\_KangJ



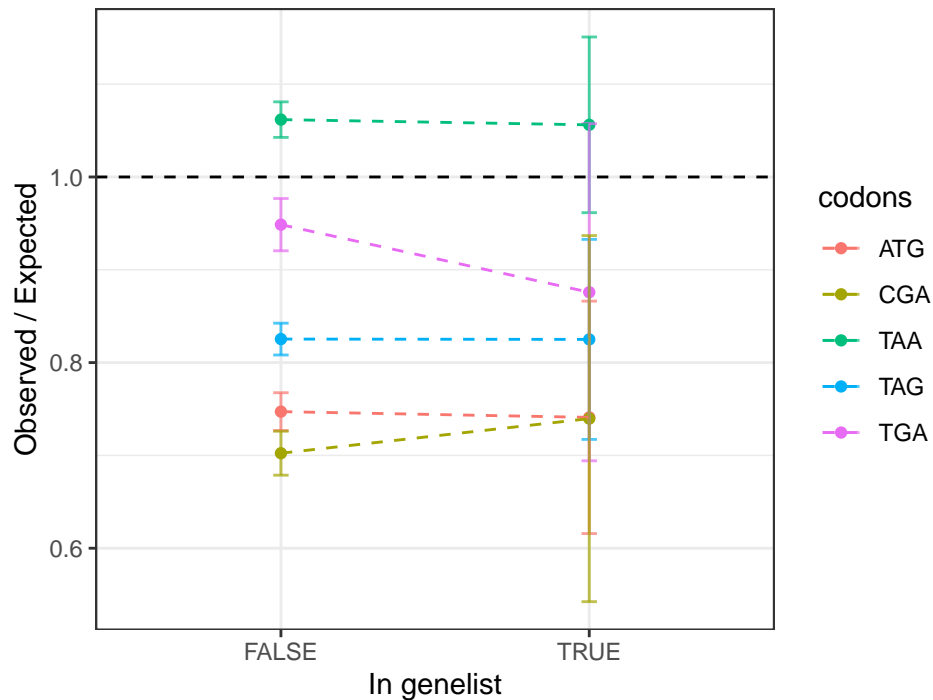
# 5' UTR Genelist: DRG\_WoodRD



# 5' UTR Genelist: drug\_targets\_nelson

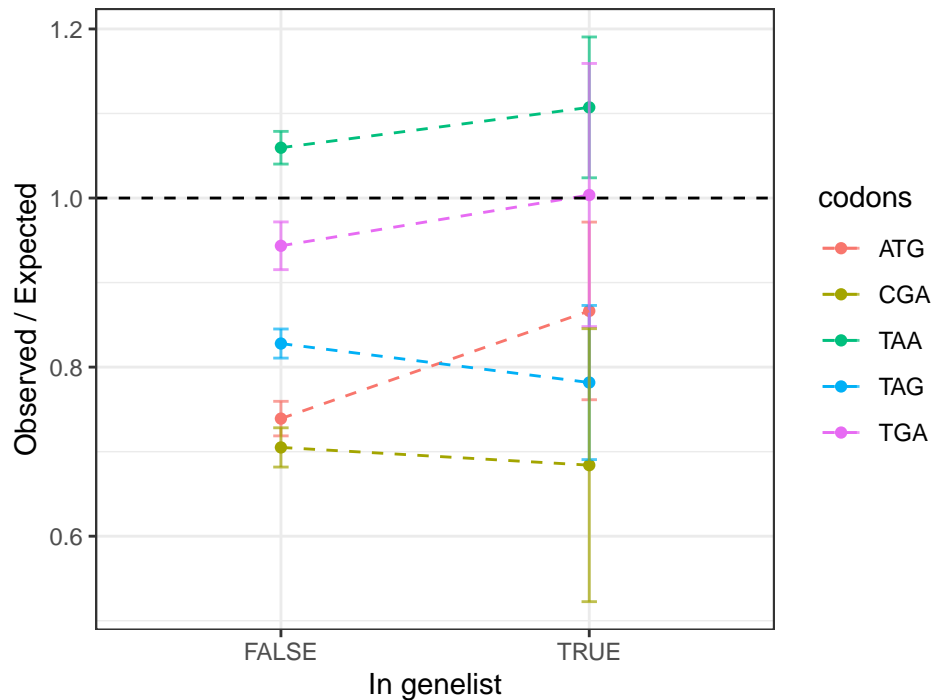


# 5' UTR Genelist: fda\_approved\_drug\_targets

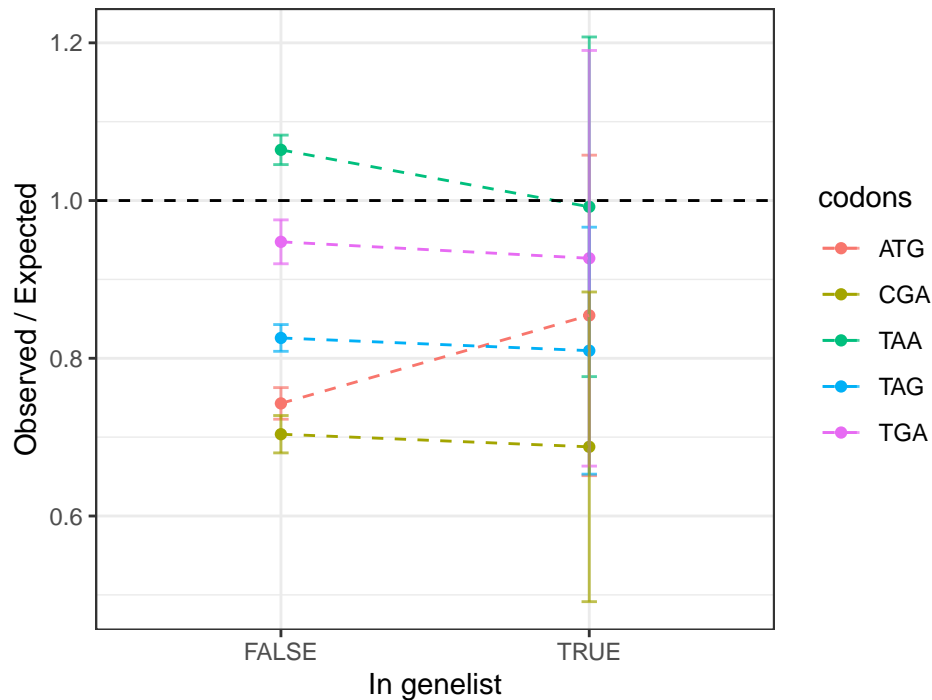




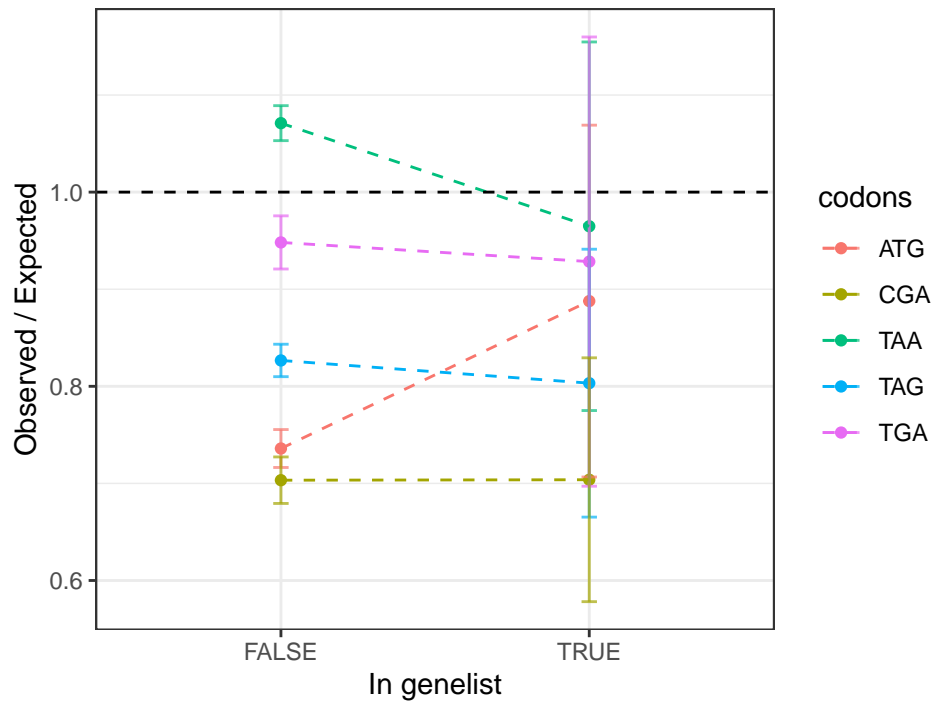
# 5' UTR Genelist: fmrp\_list\_gencode



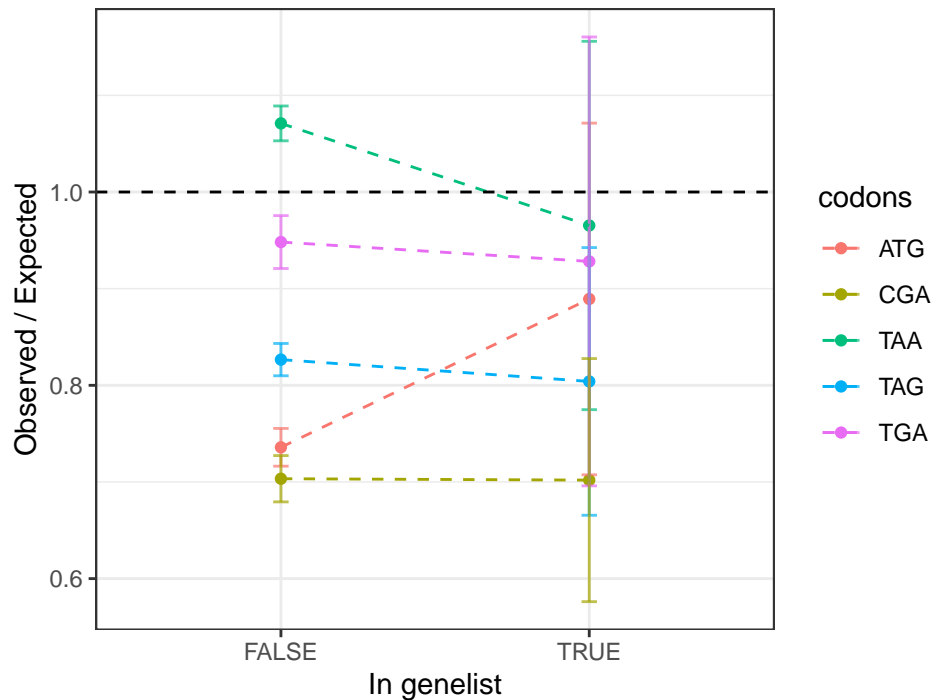
# 5' UTR Genelist: gpcr\_guide



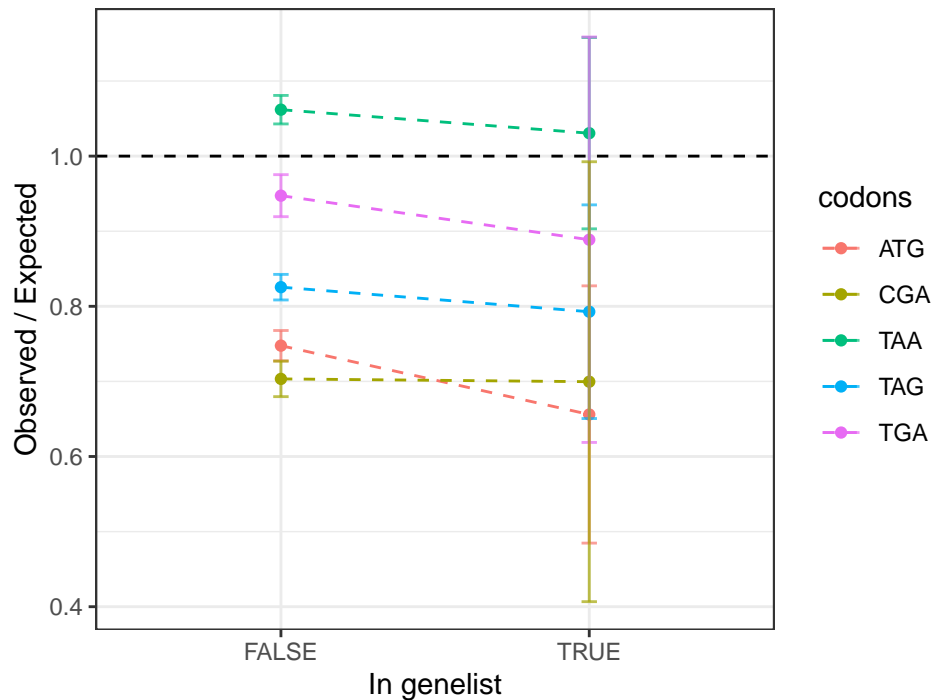
# 5' UTR Genelist: gpcr\_union



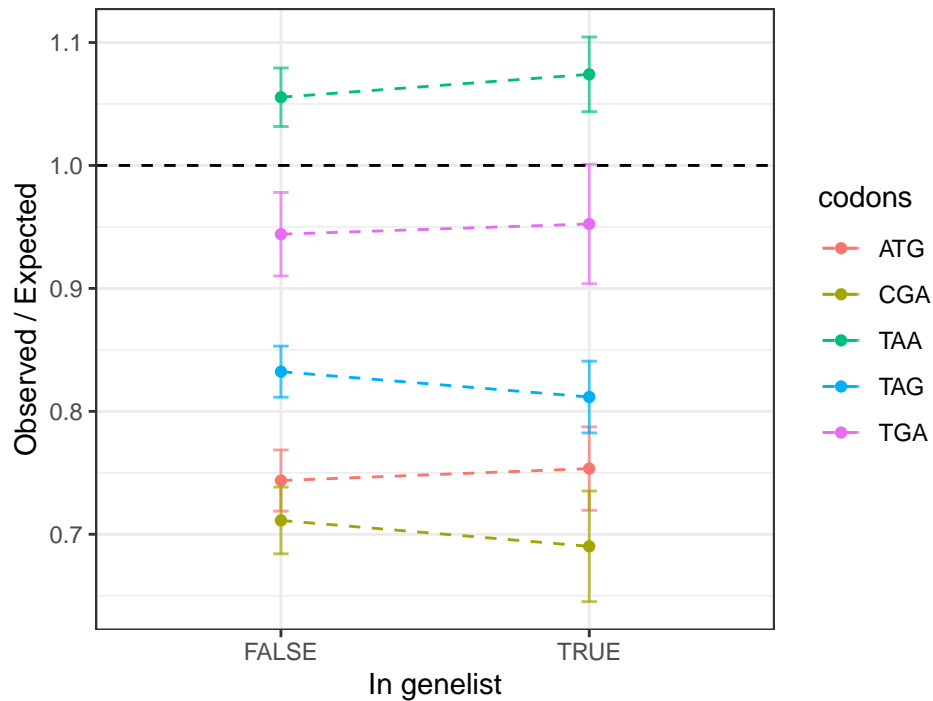
# 5' UTR Genelist: gpcr\_uniprot



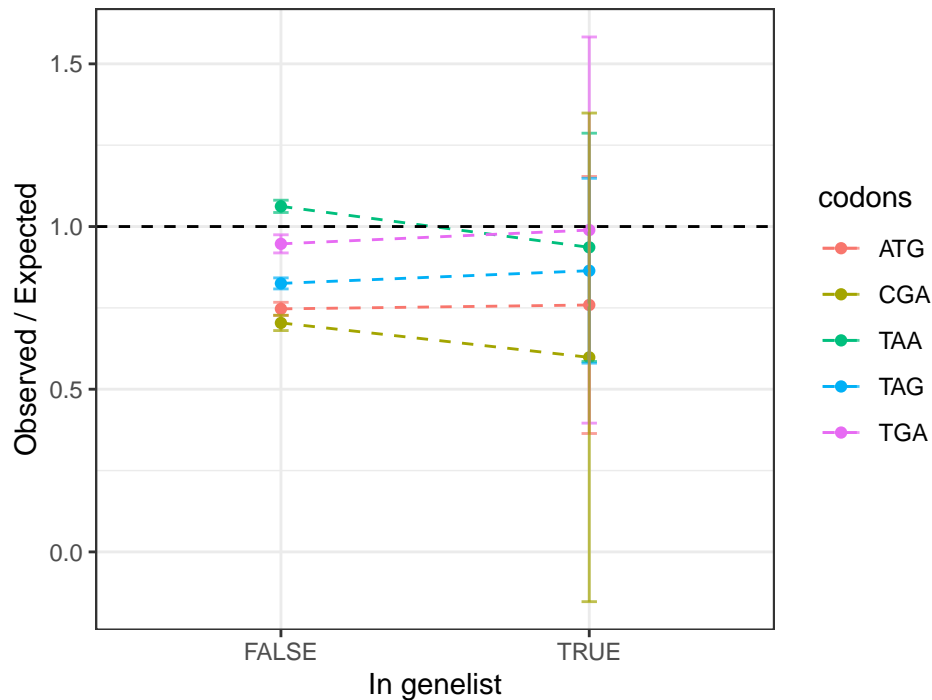
# 5' UTR Genelist: gpi\_anchored



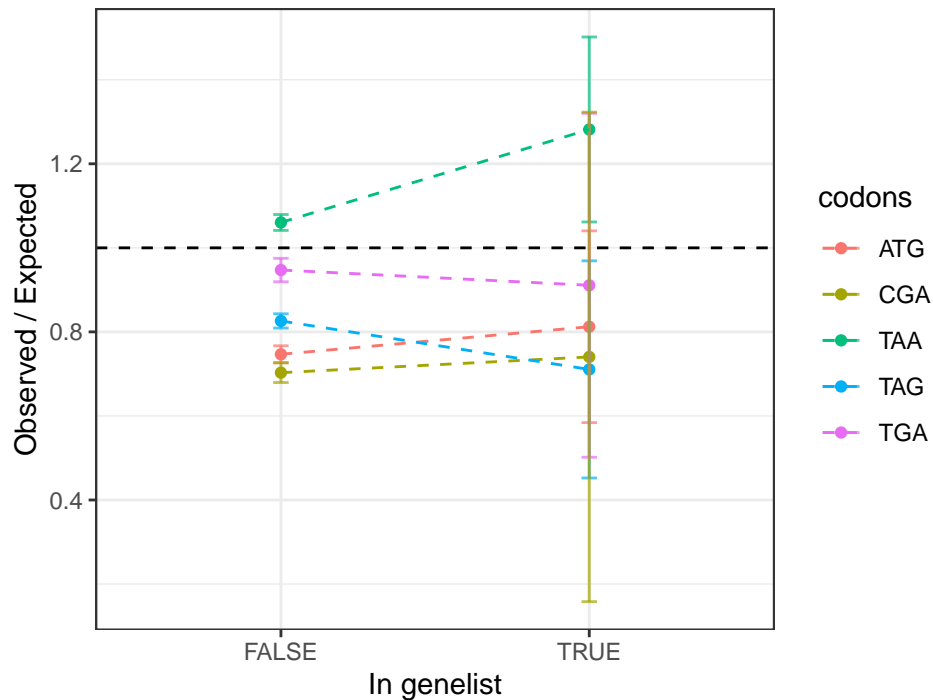
# 5' UTR Genelist: gwascatalog



# 5' UTR Genelist: haploinsufficiency\_mild\_curated\_2016

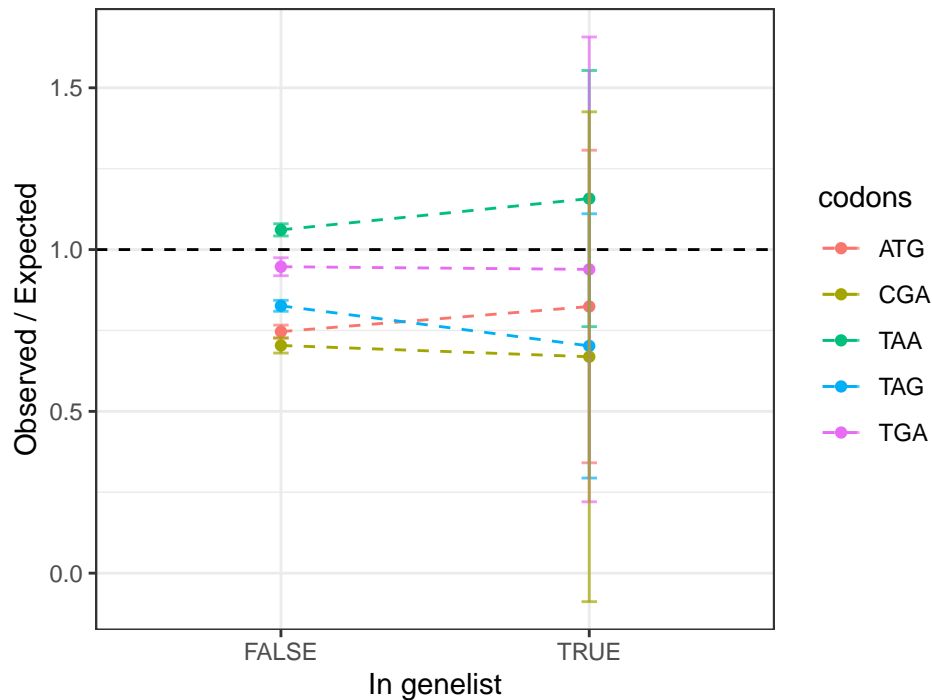


## 5' UTR Genelist: haploinsufficiency\_moderate\_curated\_2

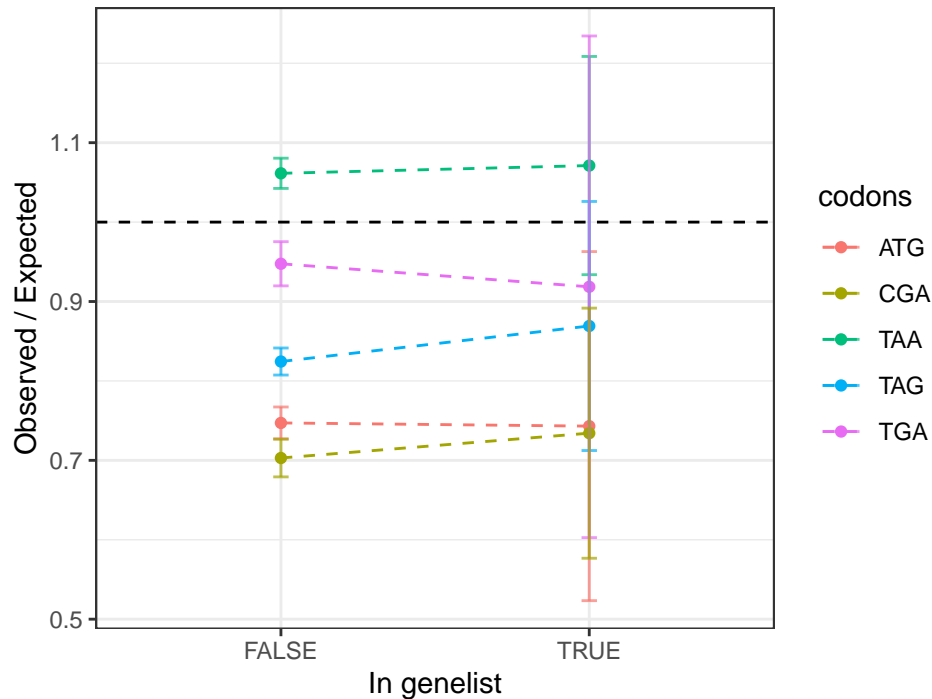




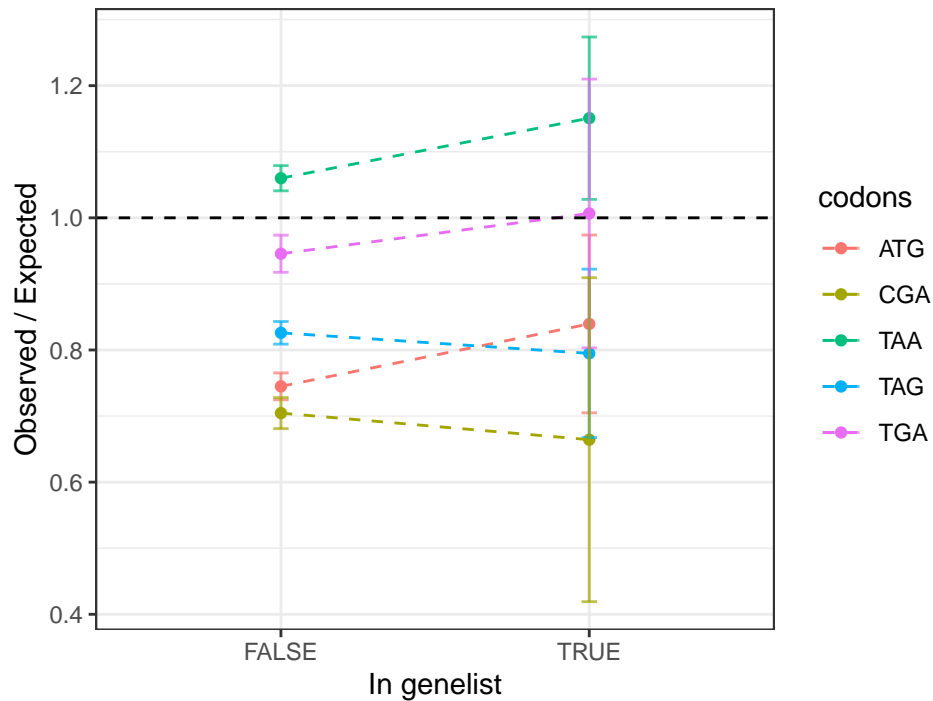
## 5' UTR Genelist: haploinsufficiency\_severe\_curated\_201



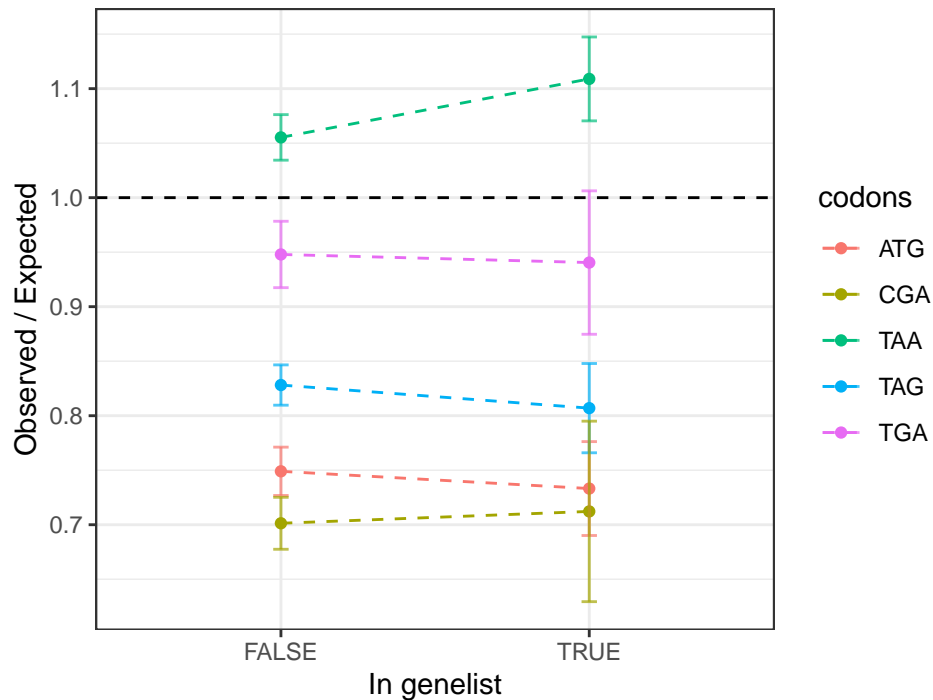
# 5' UTR Genelist: homozygous\_lof\_tolerant\_twohit



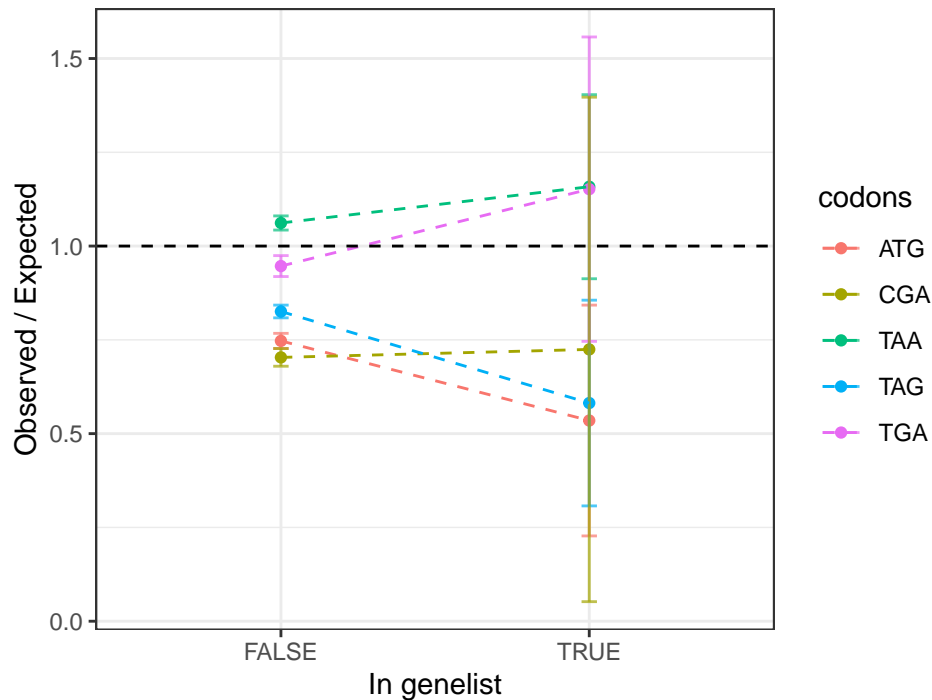
## 5' UTR Genelist: kinases



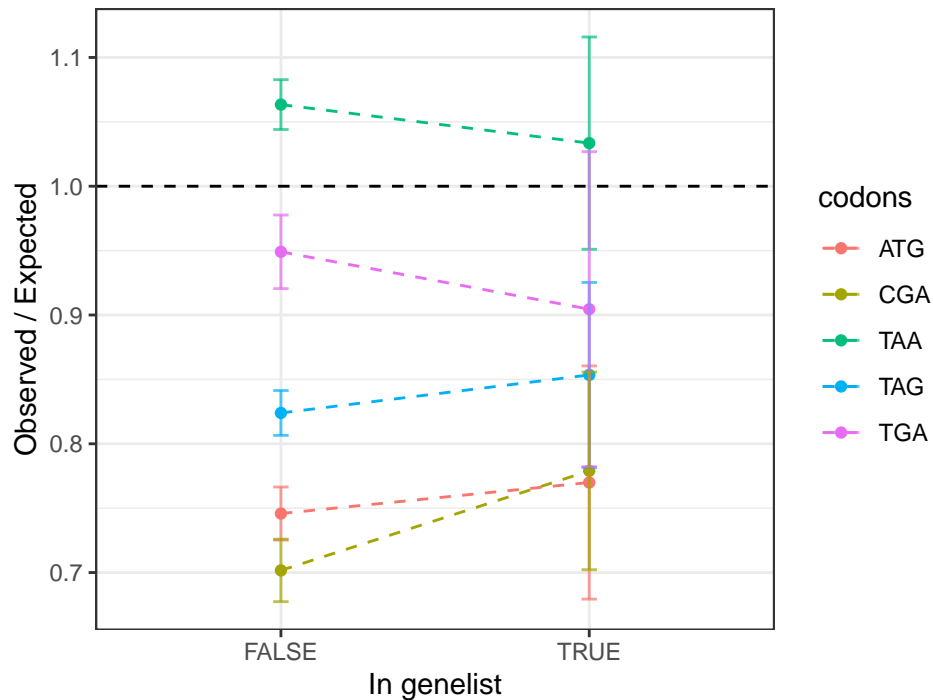
# 5' UTR Genelist: mgi\_essential



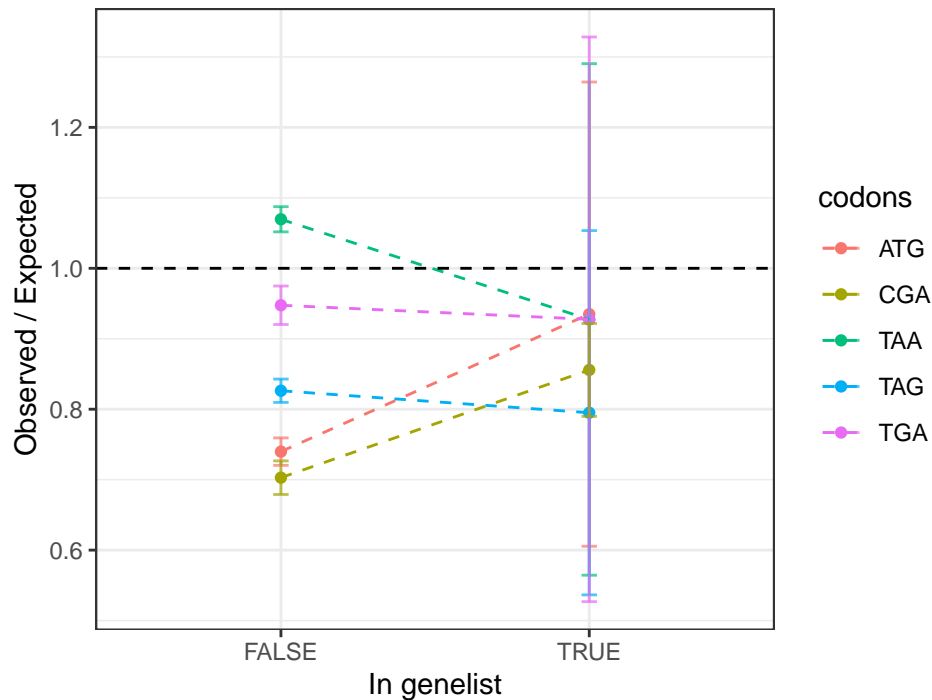
# 5' UTR Genelist: natural\_product\_targets



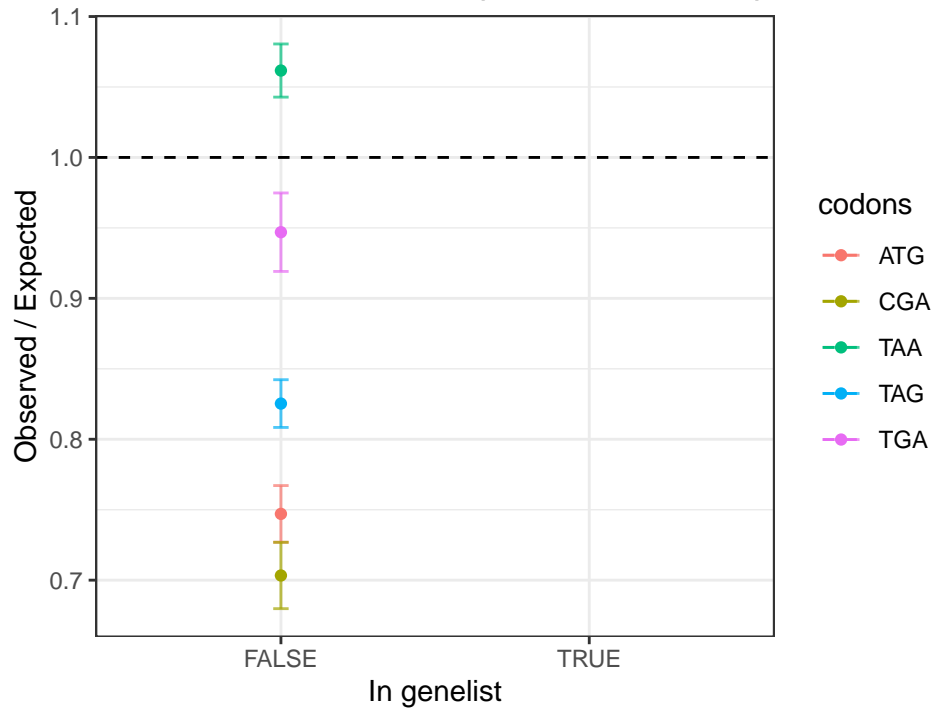
# 5' UTR Genelist: NEGv1\_subset\_universe



# 5' UTR Genelist: olfactory\_receptors

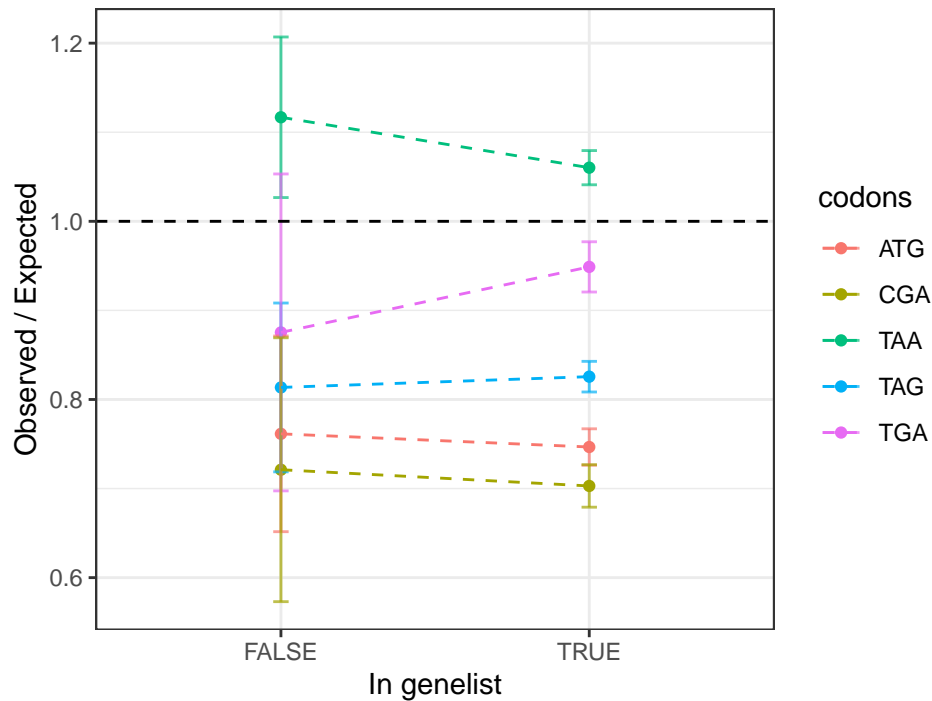


## 5' UTR Genelist: Transcript\_annotation\_Haploinsufficient





# 5' UTR Genelist: universe



# 5' UTR Genelist: x-linked\_clinvar

