

Nature Communication Revision

Population structure and relatedness

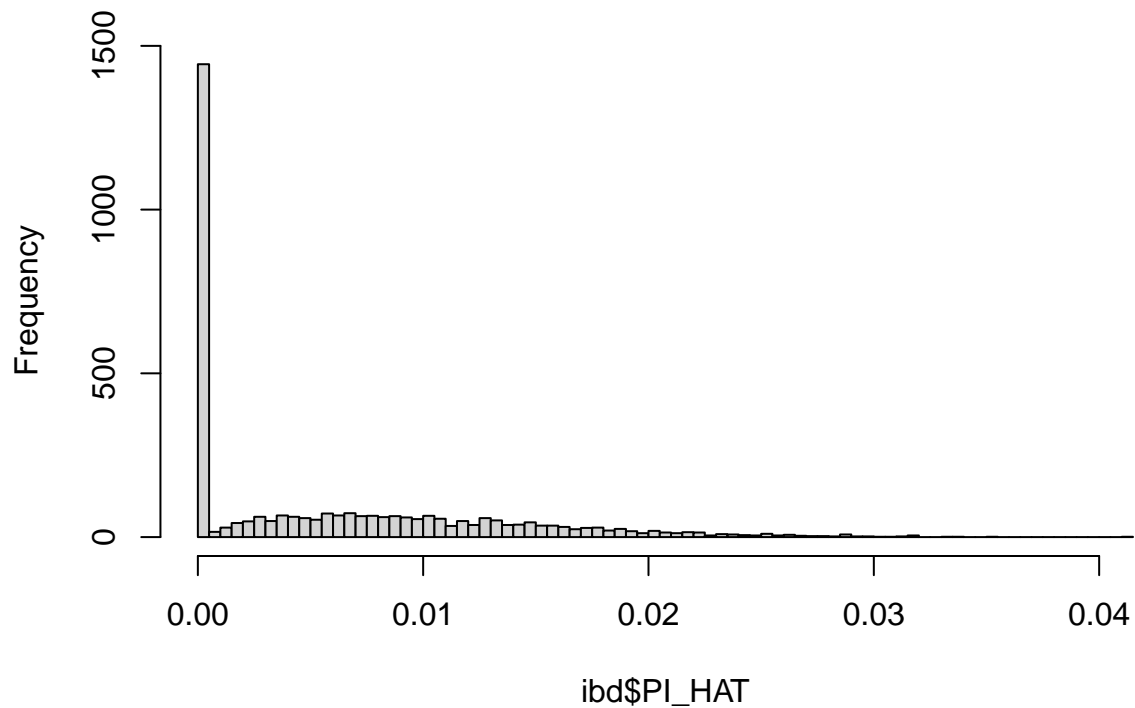
Ines Assum

July 12, 2021

1 Assess population structure and relatedness in the AFHRI-B cohort

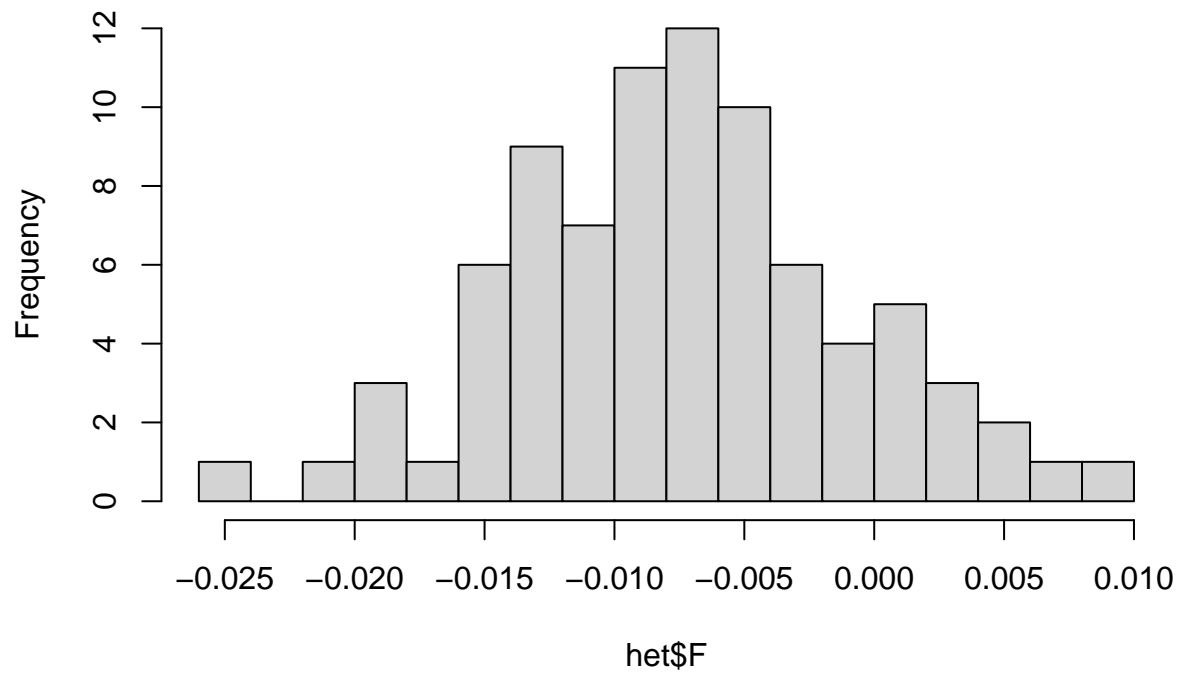
1.1 Relatedness

IBD for the AFHRI-B cohort by PI_HAT estimate



```
## [1] "Max. PI_HAT: 0.0413"
```

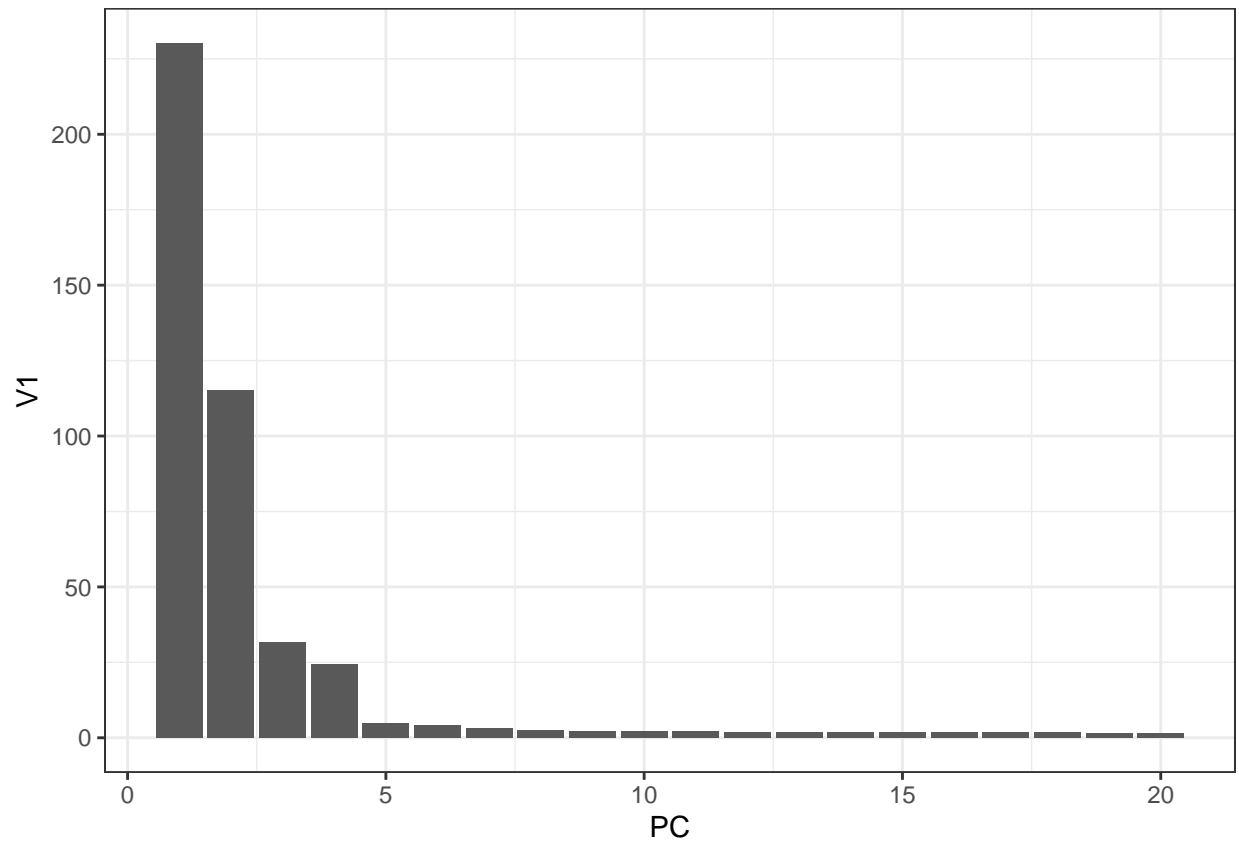
Heterozygosity for the AFHRI-B cohort given by the F-value

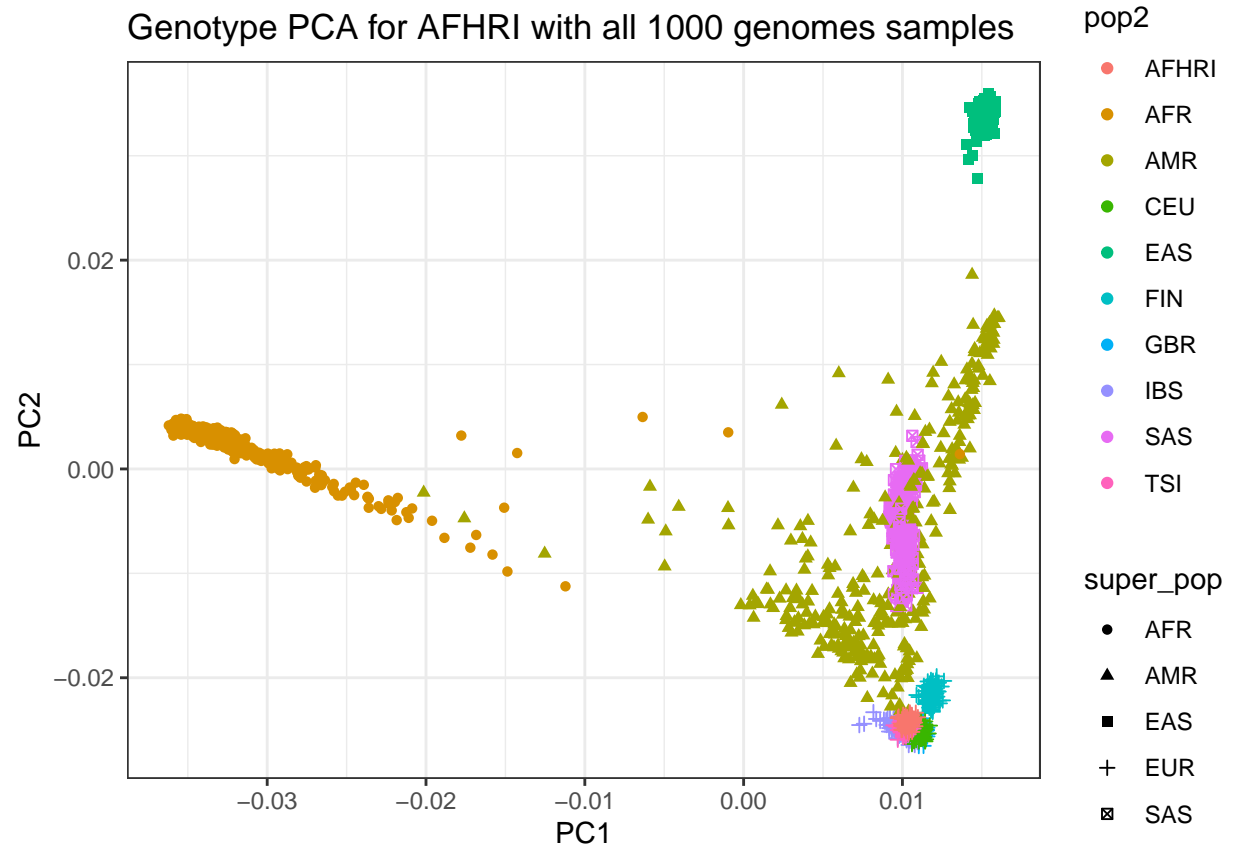


```
## [1] "With min/max F-values between -0.02434 and 0.009508"
```

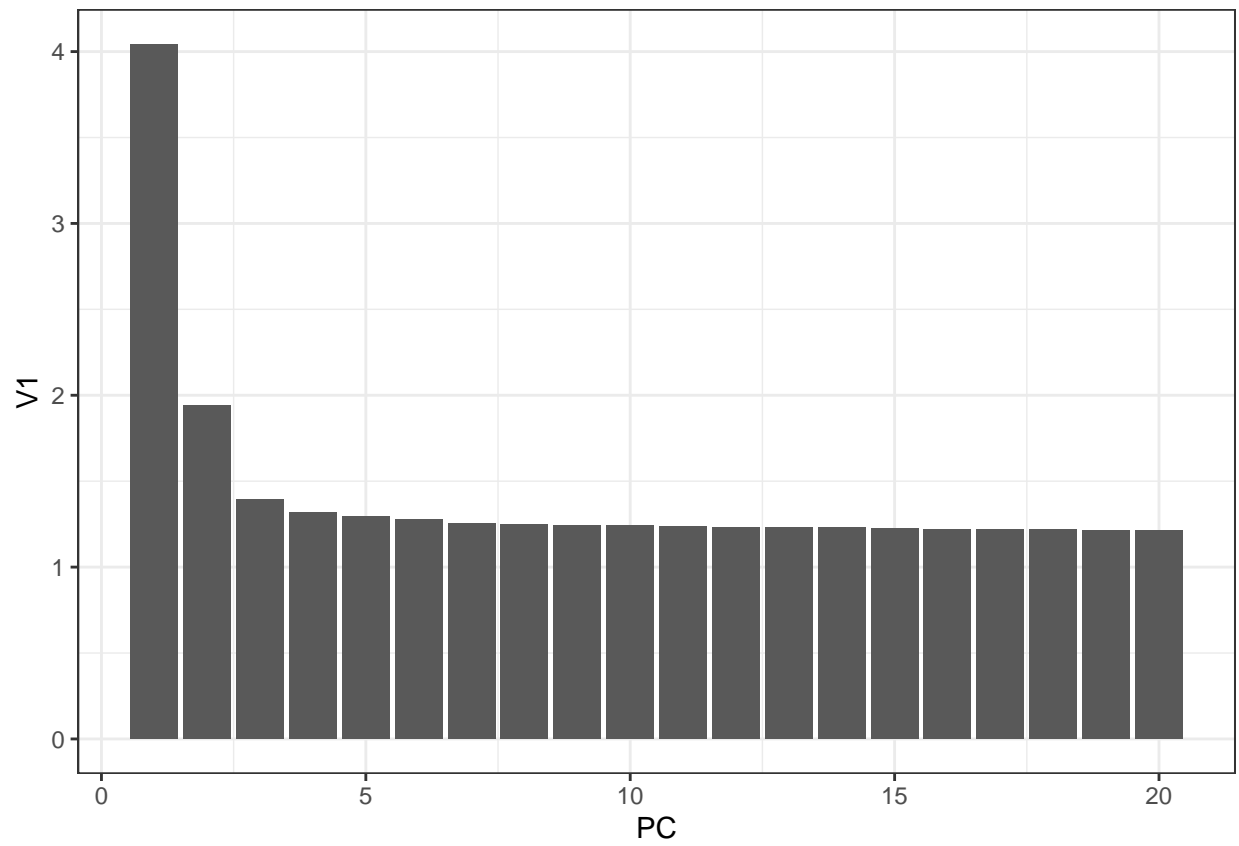
1.2 Population structure by PCA

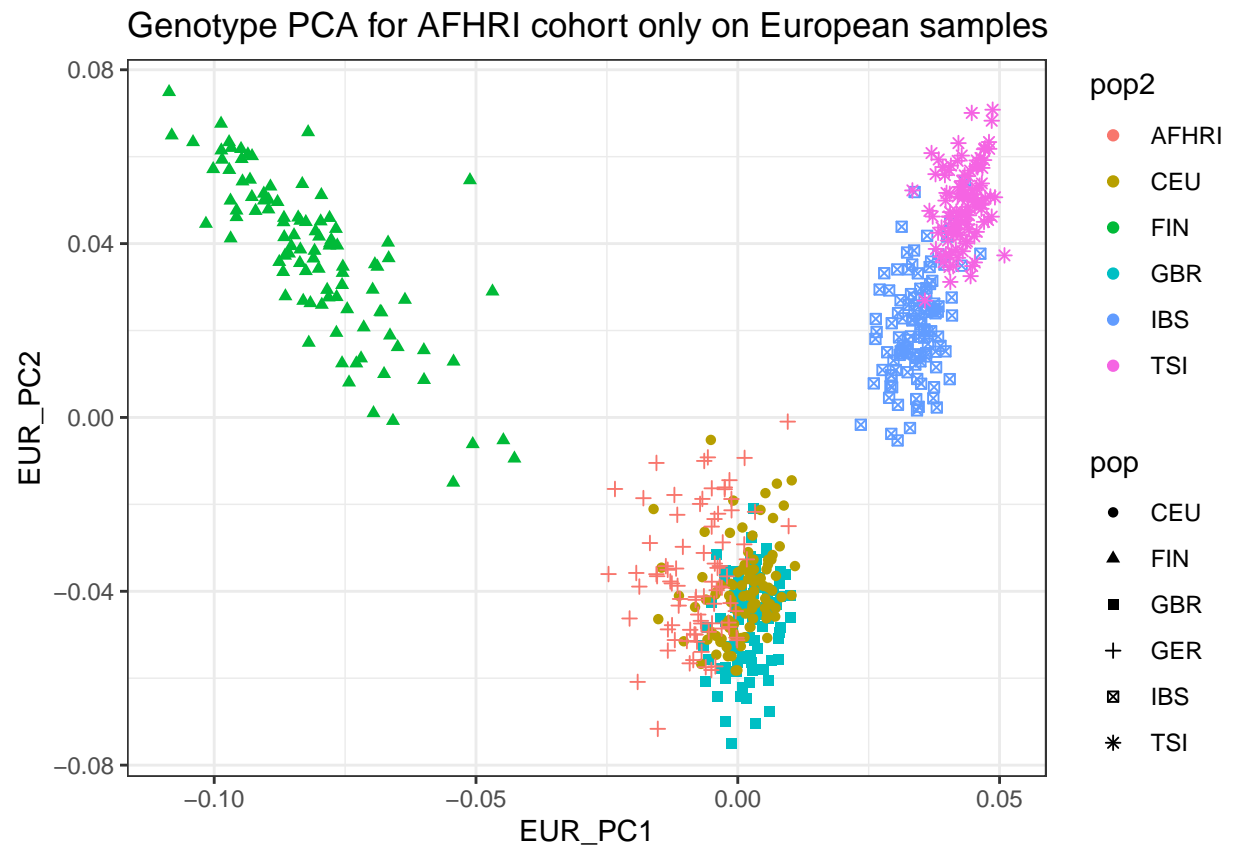
1.2.1 All ancestries





1.2.2 Restriction to European populations





1.2.3 Response letter figure

