
Génomique des populations *Démographie*

Résultats du TP

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TP

Sur <https://github.com/jayflora/GdP-material>

Téléchargez

CG_54genomes_indiv.txt

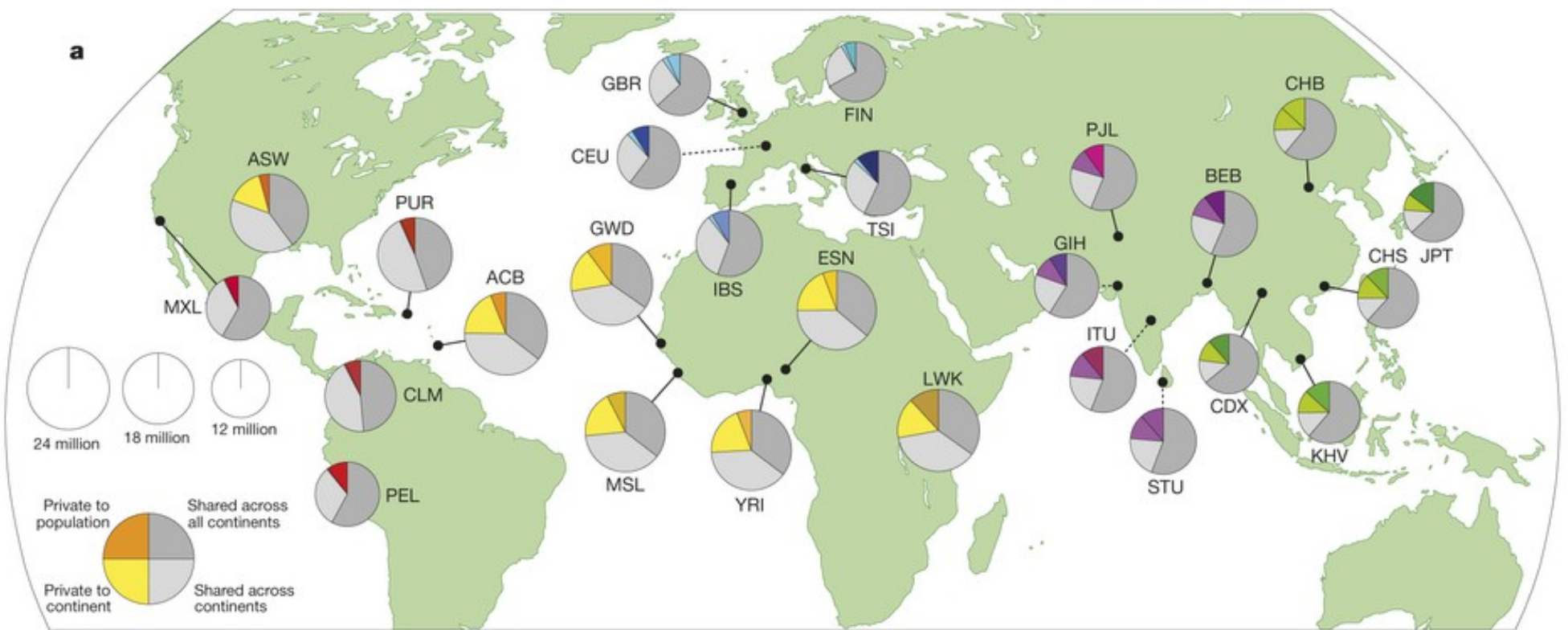
chr22.CG_54genomes_shapeit_phased.haps.tgz (version compressée)

Et la fiche d'exercice

Tar -xzf fichier.tgz pour décompresser

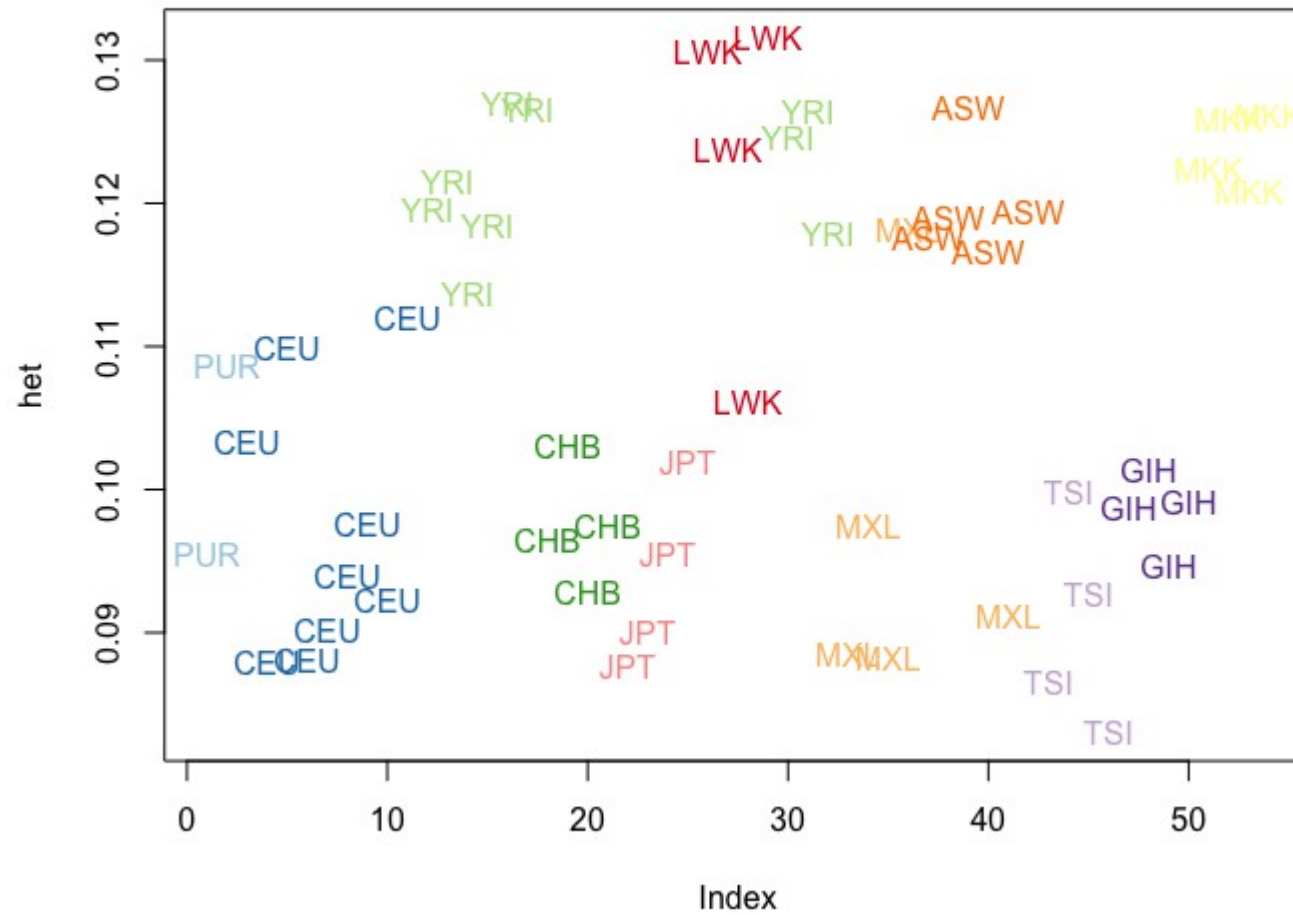
Vous trouverez mon script R sur le github : [correctionRscript.R](#)

Localisations des populations

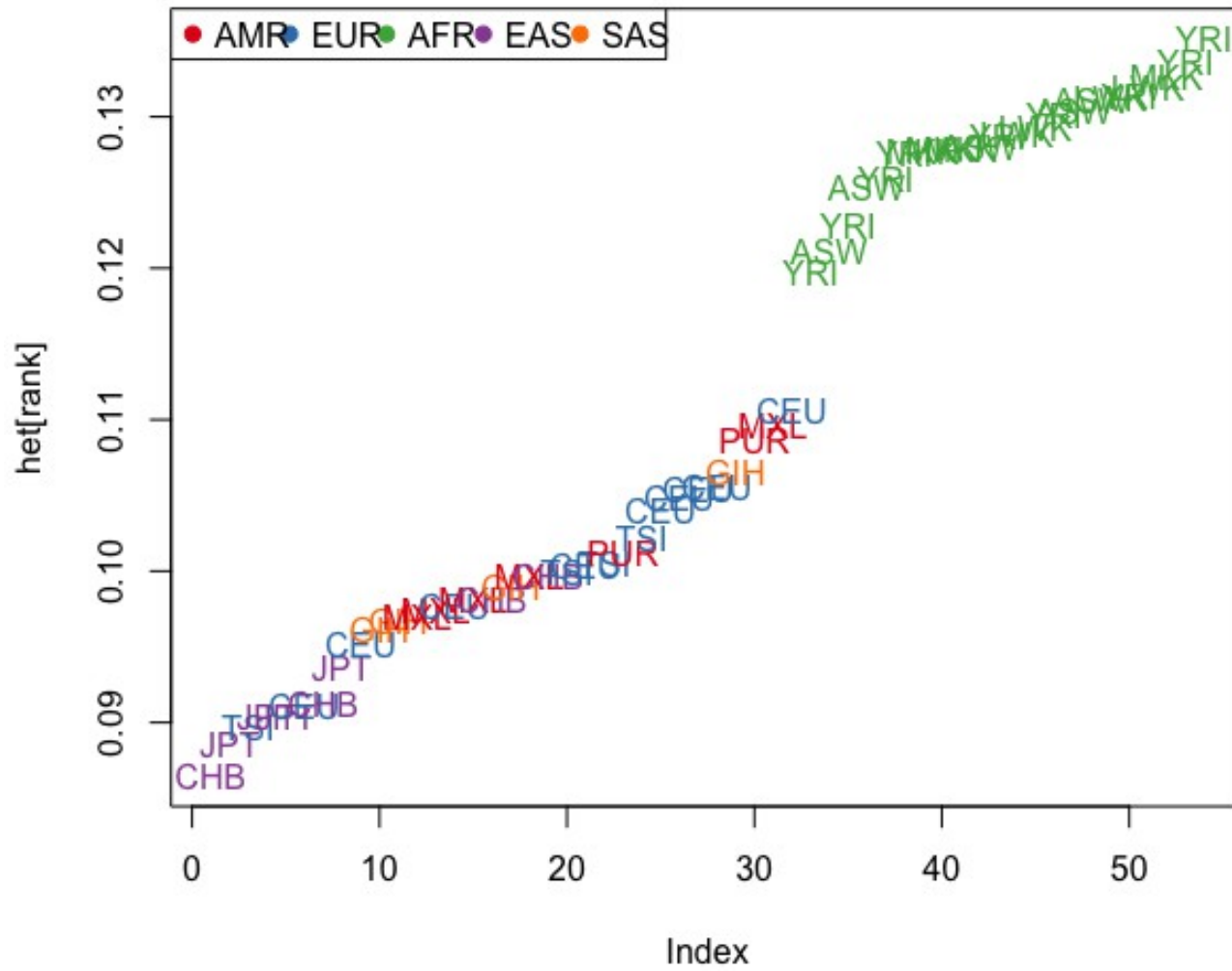


1000 Genomes Project Nature 2015

Het



Het



Theta

Full data

$\mu_chrom = 35e06 * 2.5e-08$

```
> cat("AFR",theta.wat, N.wat)
AFR 56873.81    16249.66
```

```
> cat("EUR",theta.wat, N.wat)
EUR 35527.91    10150.83
```

```
> cat("AFR",theta.taj, N.taj)
AFR 45869.53    13105.58
>
```

```
> cat("EUR",theta.taj, N.taj)
EUR 35581.66    10166.19
```

If you loaded only 100,000 lines
 $\mu_chrom=10.8e06*2.5e08$

```
> cat("AFR",theta.wat, N.wat)
AFR 16290.81    15084.08
```

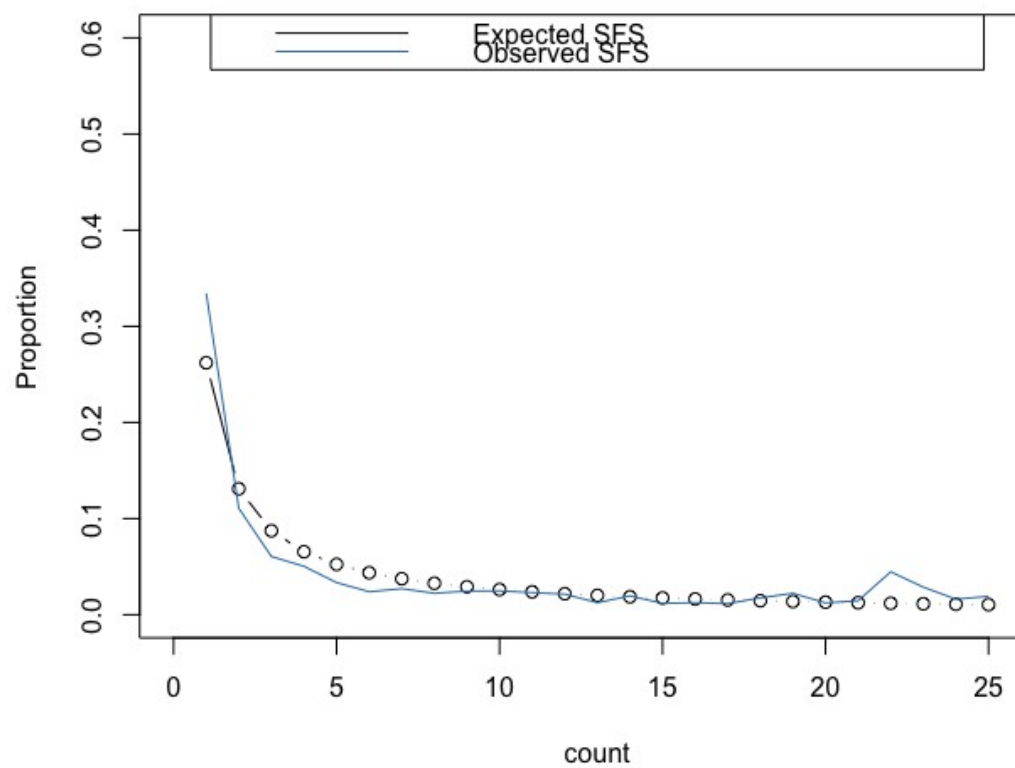
```
> cat("EUR",theta.wat, N.wat)
EUR 10523.96    9744.41
```

```
> cat("AFR",theta.taj, N.taj)
AFR 13545.62    12542.24
```

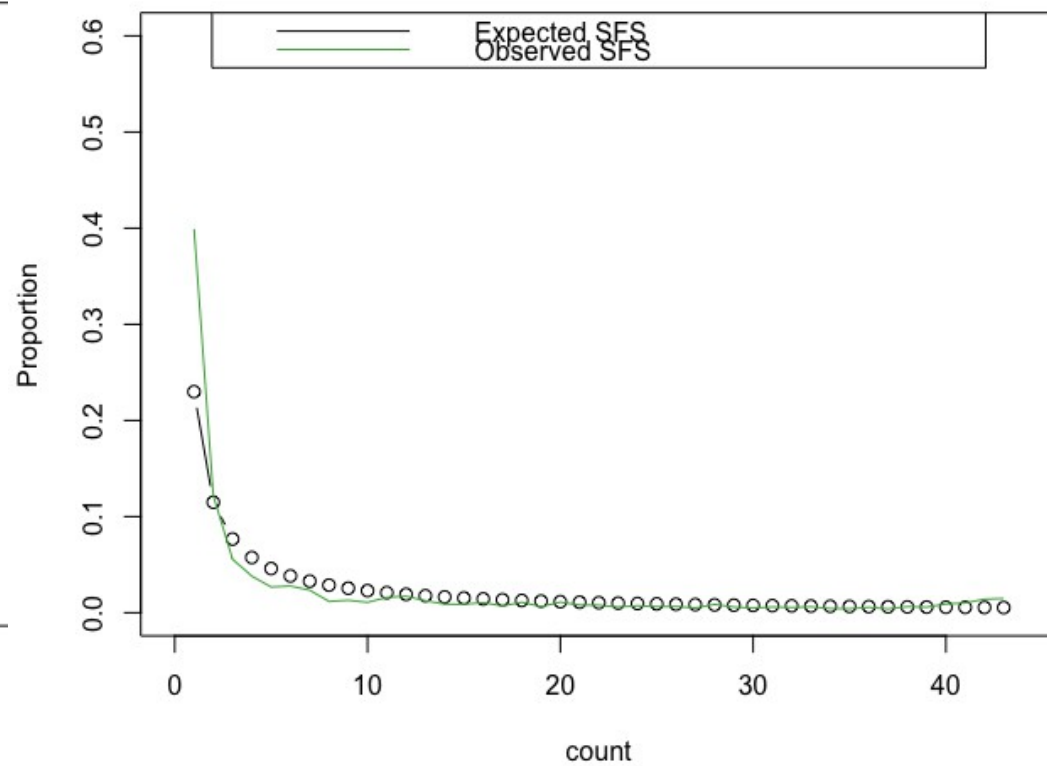
```
> cat("EUR",theta.taj, N.taj)
EUR 10654.86    9865.61
```

SFS

EUR

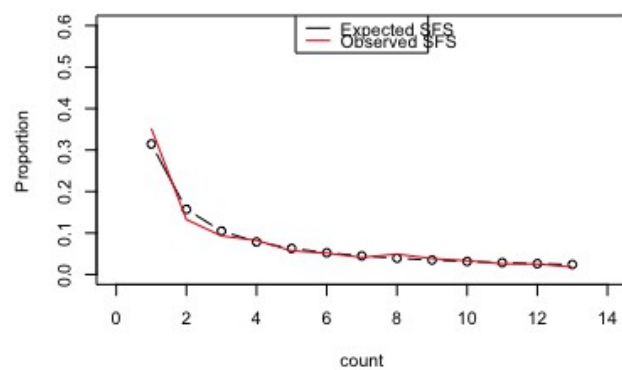


AFR

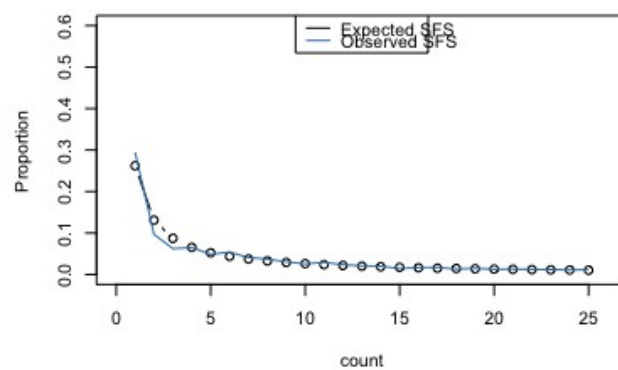


SFS

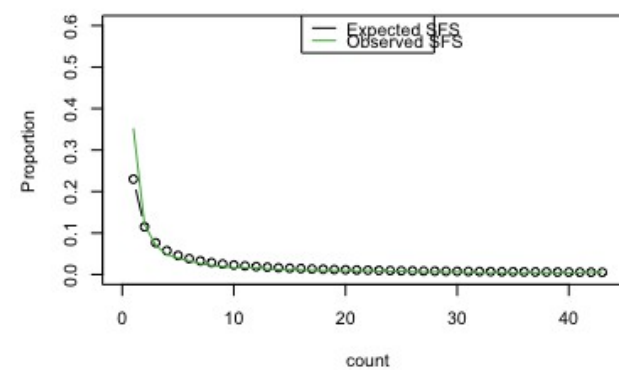
AMR



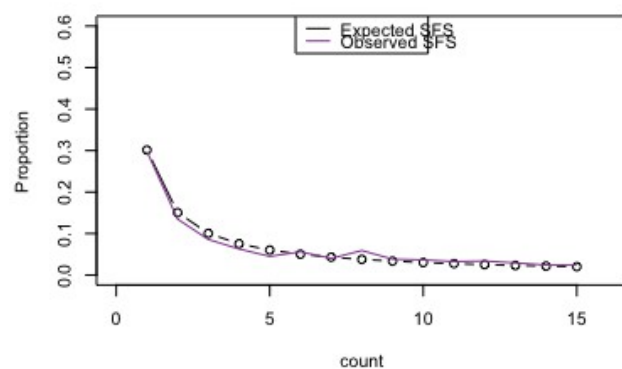
EUR



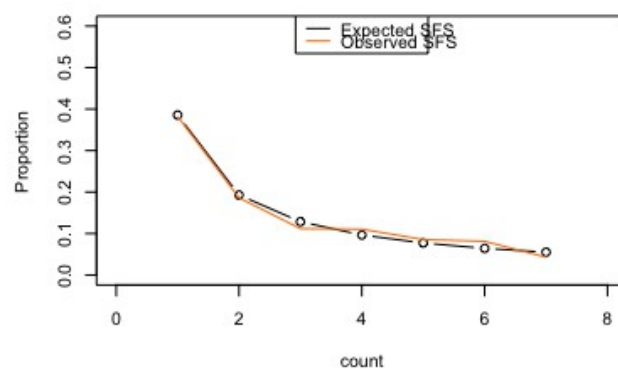
AFR



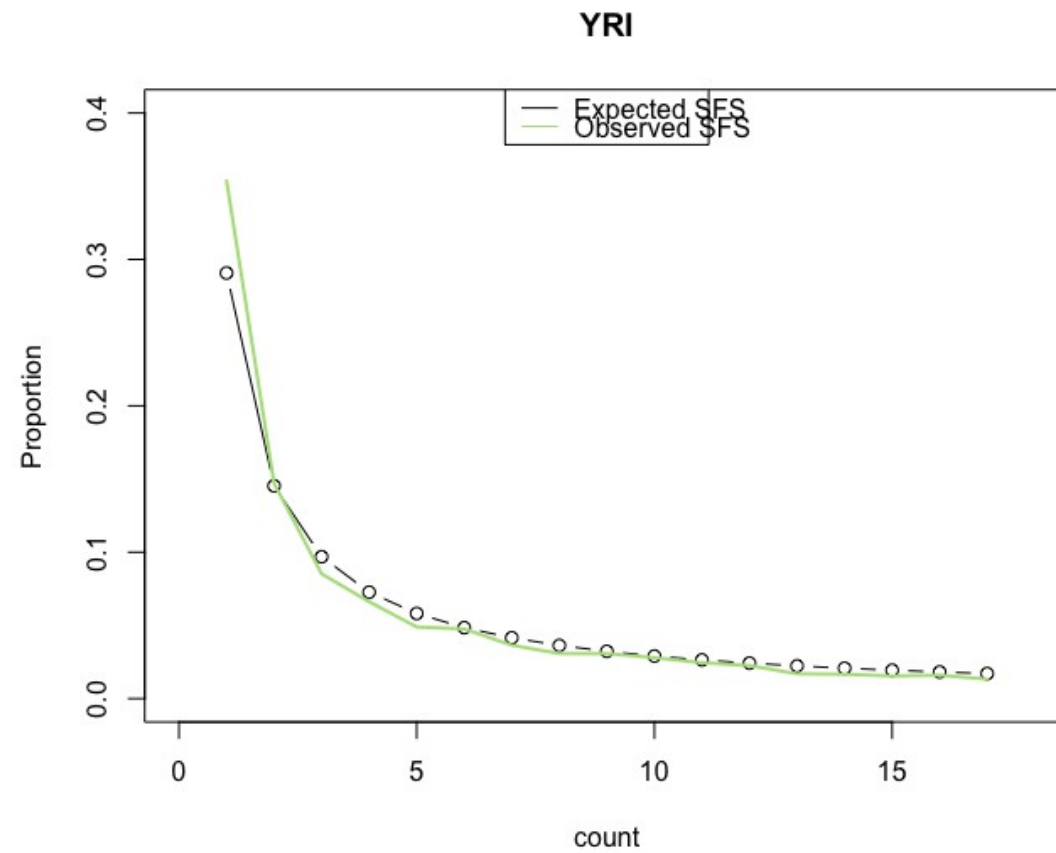
EAS



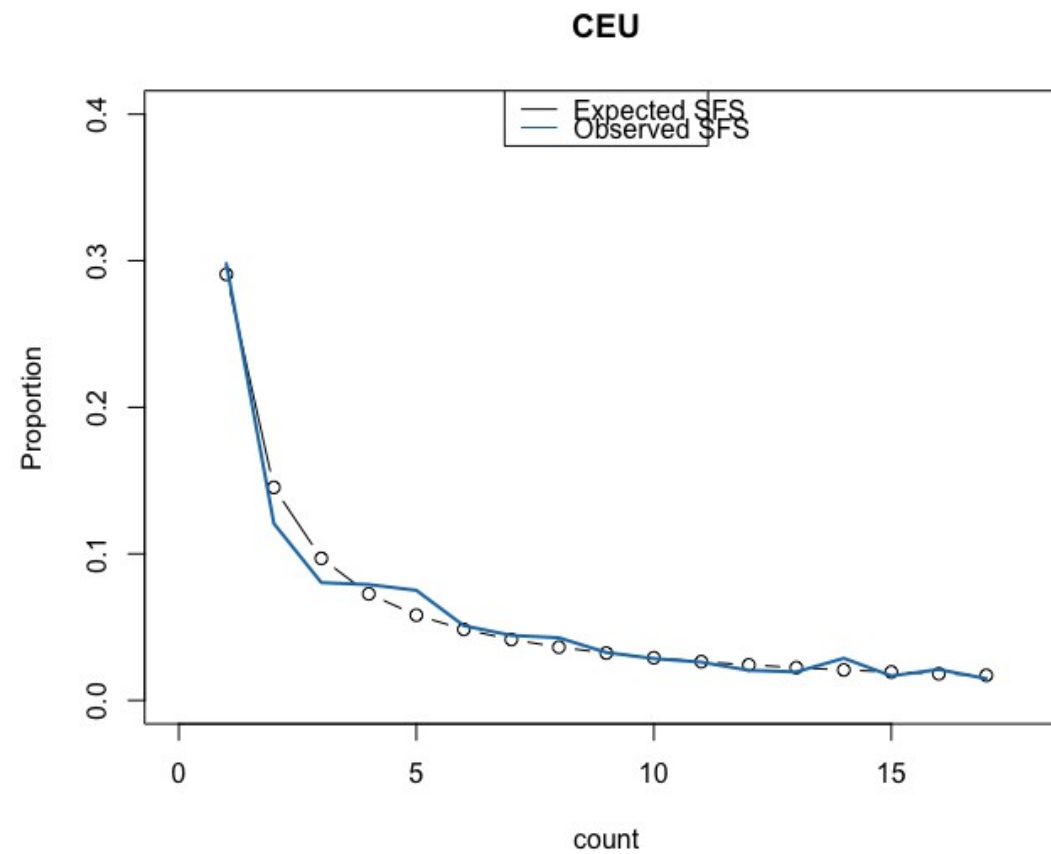
SAS



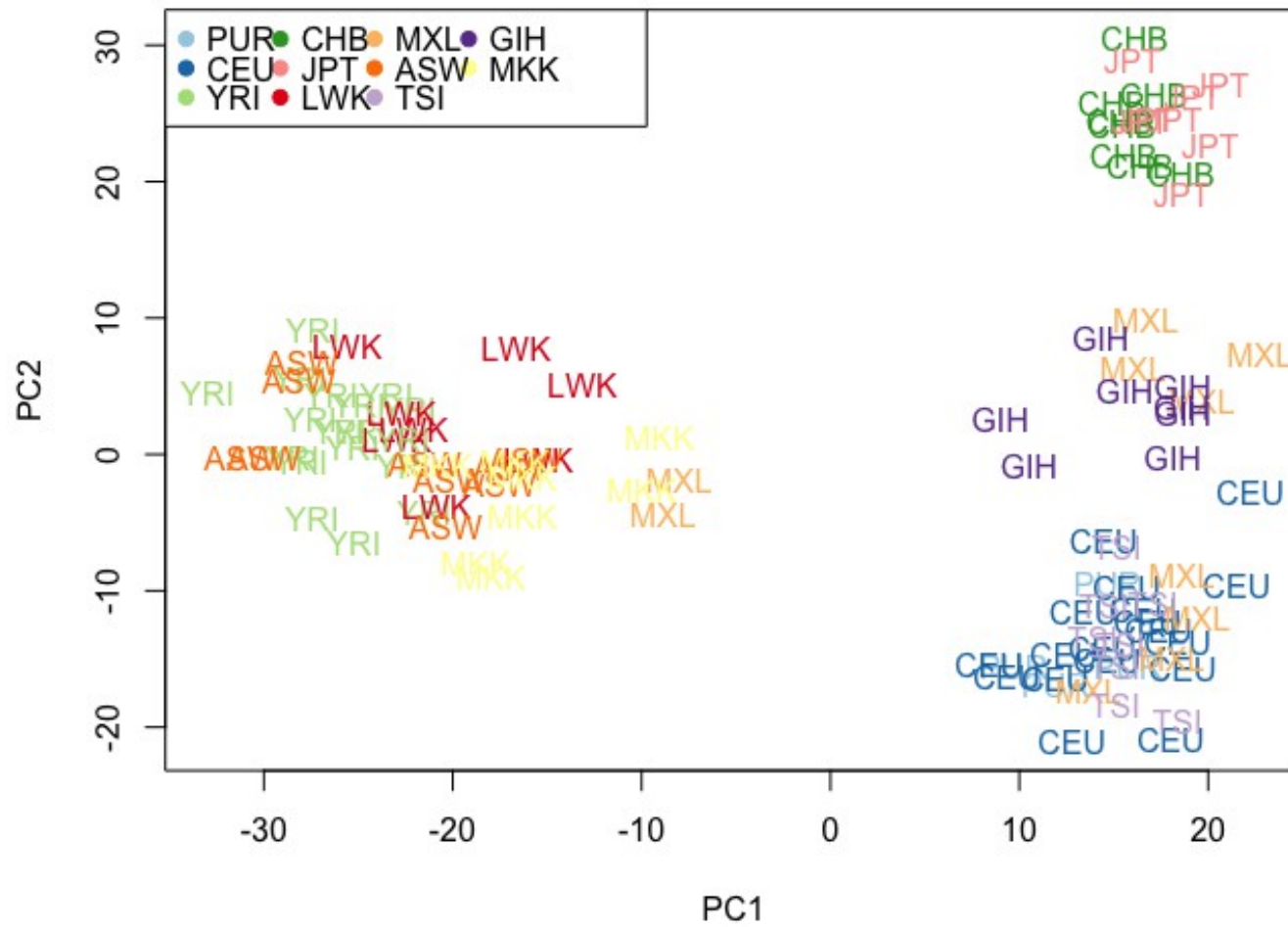
SFS



SFS



ACP



ACP

