# Conscience écologique et dépenses publiques en faveur de l'environnement

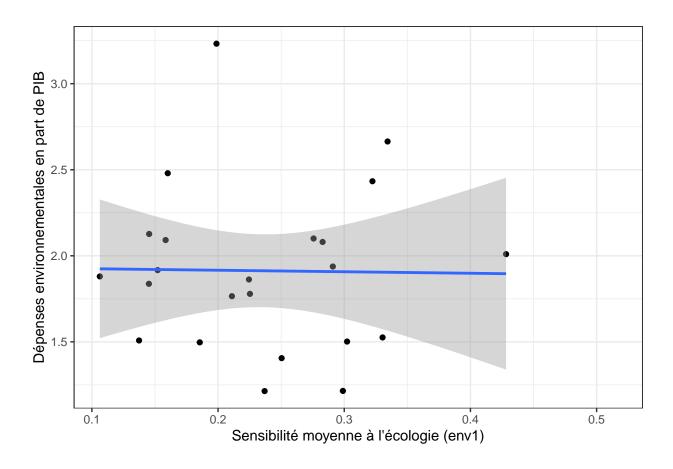
#### Quentin Merrien et Catherine Berleur

#### 13/04/2021

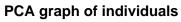
Pour rappel : v7 : Tout bien considéré, diriez-vous que vous êtes... (p.3 de ZA7500\_q\_fr.pdf) 1 - Très heureux 2 - Assez heureux 3 - Pas très heureux 4 - Pas heureux du tout à finir. Je le ferais.

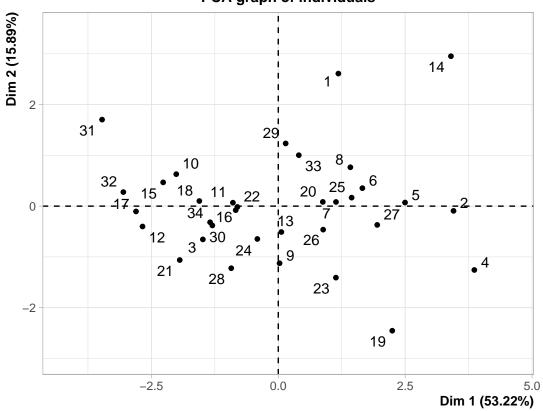
### Régression linéaire

```
ça marche pas ça, à voir pourquoi :
stargazer(reg1)
##
## Call:
## lm(formula = PC_GDP_2016 ~ env2, data = base_simple_propre)
## Residuals:
       Min
                      Median
                  1Q
                                    ЗQ
                                            Max
## -0.59666 -0.32827 -0.06936 0.15248
                                       1.23383
##
## Coefficients:
##
              Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                2.3107
                            0.3361
                                     6.875 8.54e-07 ***
                -1.3918
                            1.1248 -1.237
                                               0.23
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' 1
## Residual standard error: 0.4714 on 21 degrees of freedom
     (11 observations deleted due to missingness)
## Multiple R-squared: 0.06795,
                                    Adjusted R-squared:
## F-statistic: 1.531 on 1 and 21 DF, p-value: 0.2296
```

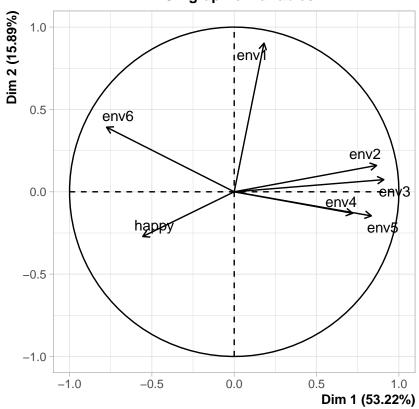


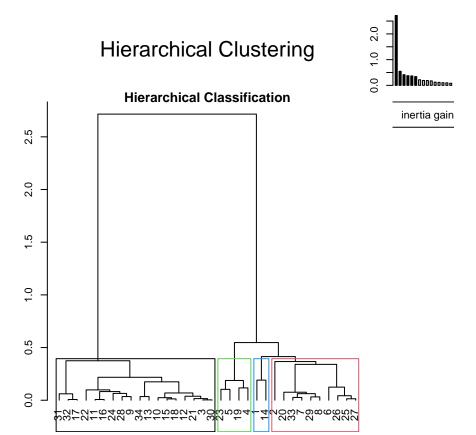
## **Including Plots**



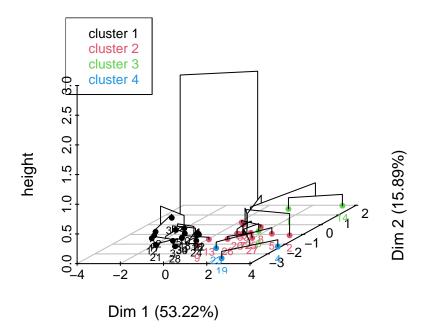


## PCA graph of variables

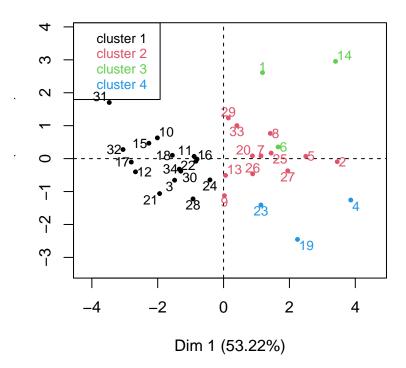




# Hierarchical clustering on the factor map



## **Factor map**



 $\begin{tabular}{ll} ## Reading layer `Europe' from data source `C:\Users\quent\Desktop\ENS Paris-Saclay\1A\1S2\Econom\~A@tried (C:\Users\Quent\Desktop\ENS) Paris-Saclay\1A\1S2\Econom\~A@tried (C:\Users\Quent$ 

## Simple feature collection with 54 features and 2 fields

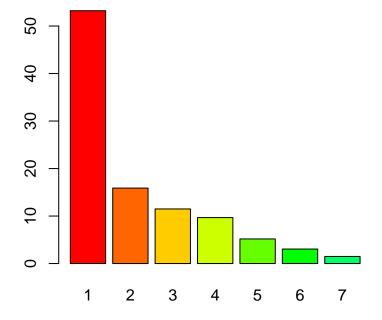
## geometry type: MULTIPOLYGON

## dimension: XY

## bbox: xmin: -31.26575 ymin: 32.39748 xmax: 69.07032 ymax: 81.85737

## geographic CRS: WGS 84

# e I – Part expliquée par chaque axe dans la varia



Espace des variables de l'ACP avec les axes 1 et 3

