

# Annexe

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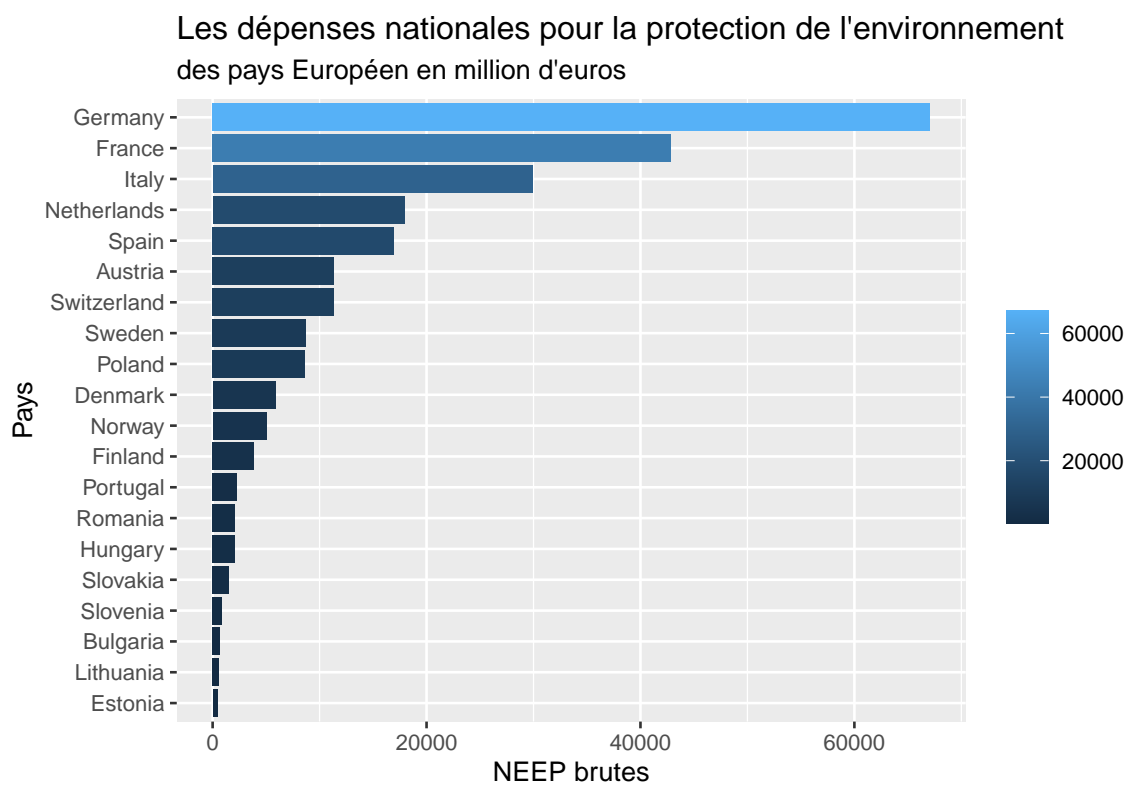
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## Annexe 1

Table 1: Principaux indicateurs des variables

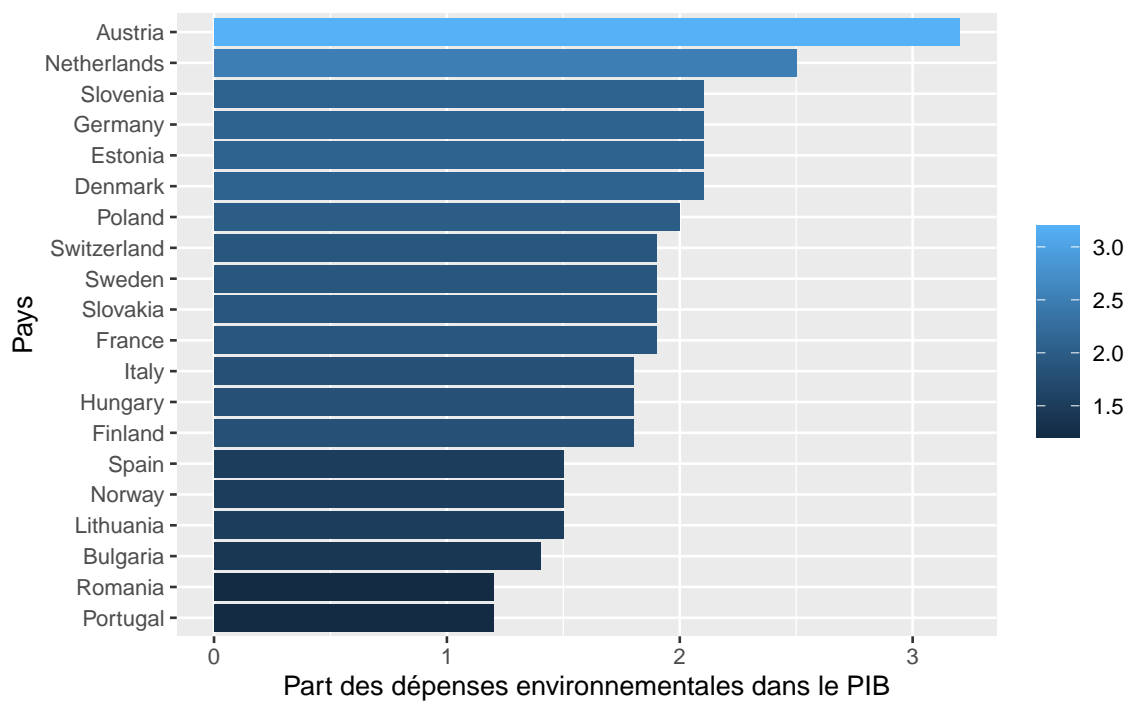
Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
sensi_env	20	65.126	8.318	46.786	60.185	71.557	83.552
perc_env	20	71.304	9.942	54.552	64.794	77.878	90.416
soutien_pol_env	20	65.995	11.755	35.605	63.360	72.472	88.840
conn_env	20	58.080	10.218	39.000	50.500	65.625	73.100
depenses_brutes_env	20	12,006.920	16,946.670	455.200	1,946.325	12,736.620	67,055.000
part_depenses_env	20	1.870	0.455	1.200	1.500	2.100	3.200
GINI_2017	20	31.130	4.151	24.200	28.650	34.025	40.400
EDUC_SUP_2017	20	28.675	6.921	15.300	23.800	34.725	36.800
REV_MED_EURO_2017	20	17,281.550	11,712.950	2,742	6,921	24,178.2	43,663
EPI.new	20	71.925	7.706	57.000	65.150	78.750	82.500

## Annexe 2



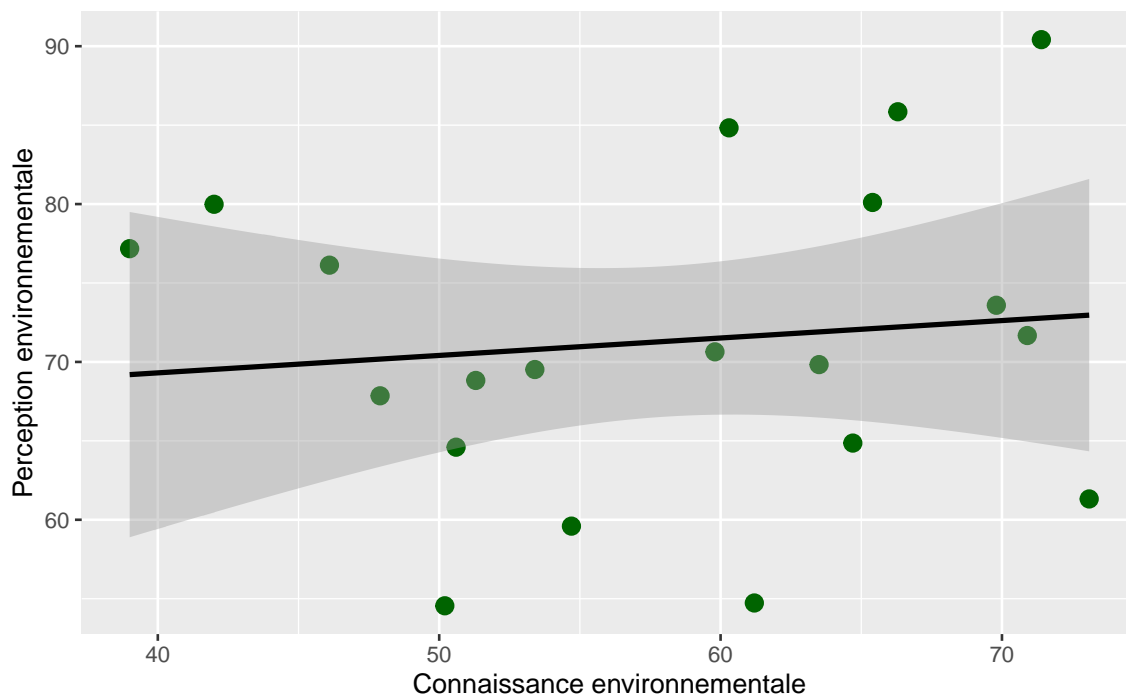
### Annexe 3

#### Les dépenses nationales pour la protection de l'environnement des pays Européens en points de PIB



## Annexe 4

Lien entre la connaissance des problèmes environnementaux et leur perception  
D'après l'European Values Survey



Lien entre la connaissance des problèmes environnementaux et le soutien à  
D'après l'European Values Survey

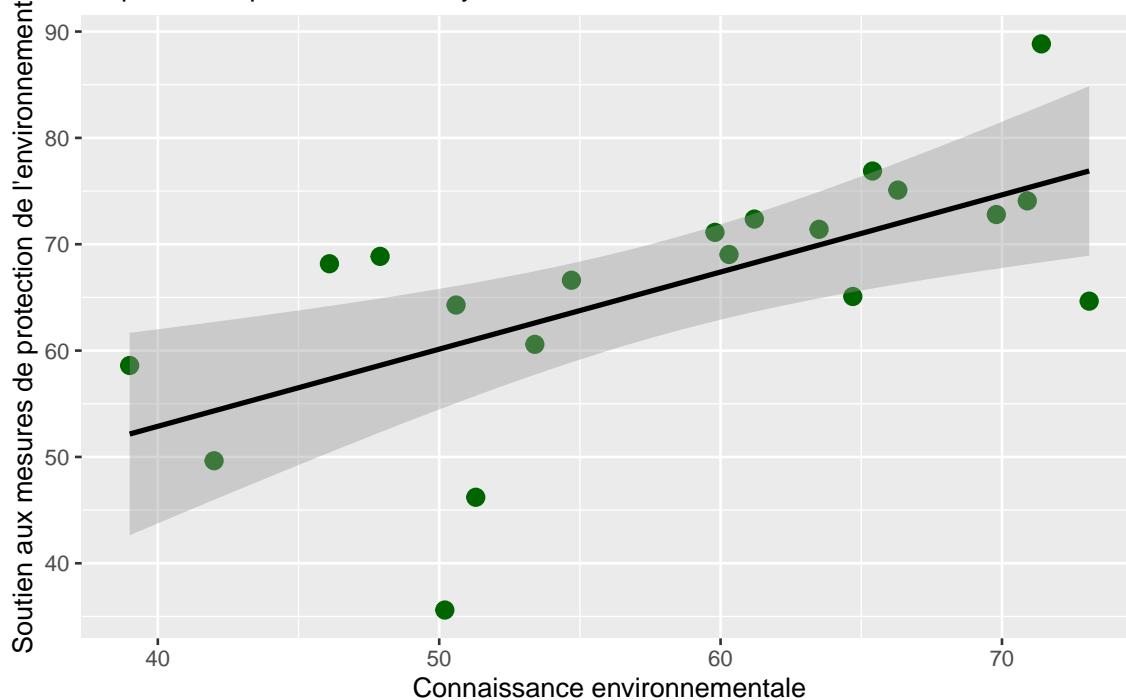
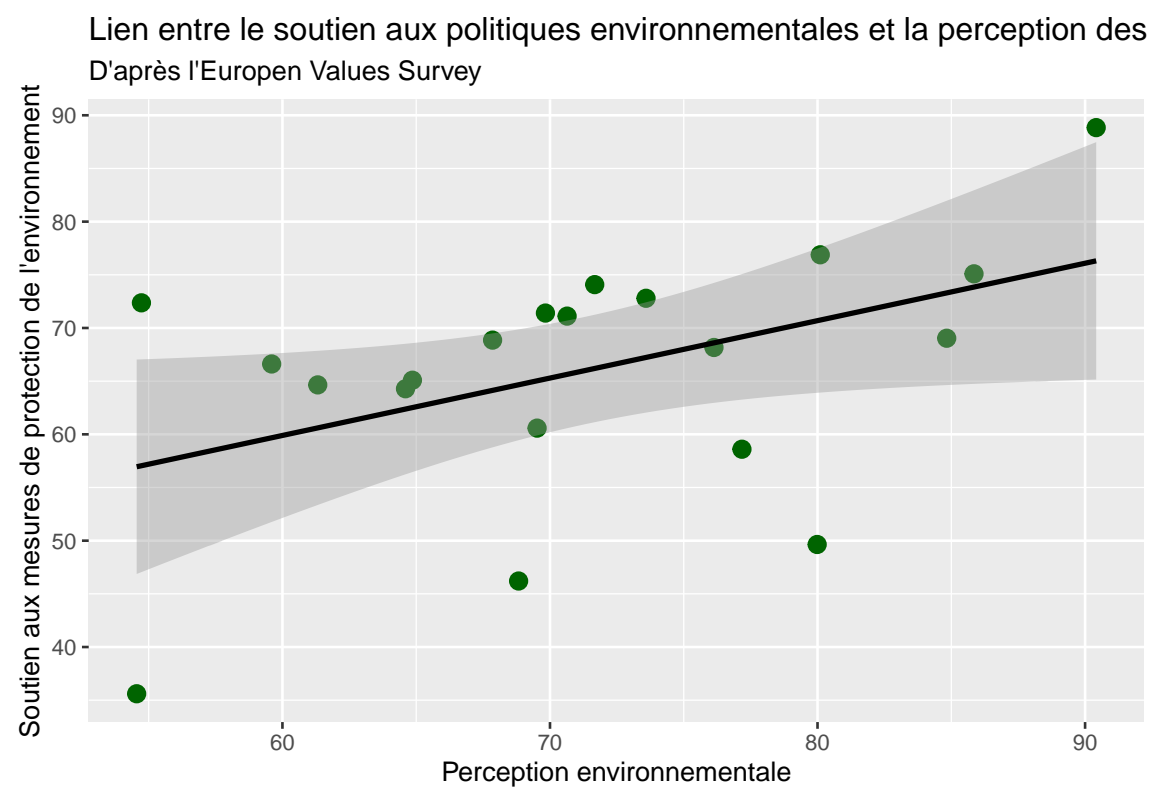


Table 2: Matrice des corrélations

	sensi_env	perc_env	soutien_pol_env	conn_env	depenses_env
sensi_env	1.000	0.660	0.911	0.752	0.150
perc_env	0.660	1.000	0.457	0.114	0.051
soutien_pol_env	0.911	0.457	1.000	0.631	0.121
conn_env	0.752	0.114	0.631	1.000	0.178
depenses_brutes_env	0.150	0.051	0.121	0.178	1.000
part_depenses_env	0.338	0.014	0.202	0.578	0.221
GINI_2017	-0.548	-0.141	-0.470	-0.661	-0.002
EDUC_SUP_2017	0.389	0.087	0.249	0.579	-0.089
REV_MED_EURO_2017	0.680	0.310	0.573	0.699	0.264
EPI.new	0.715	0.293	0.608	0.761	0.396



## Annexe 5

Table 3: Matrice des corrélations (suite)

	part_depenses_env	ind_gini	educ_sup	rev_median	epi
sensi_env	0.338	-0.548	0.389	0.680	0.715
perc_env	0.014	-0.141	0.087	0.310	0.293
soutien_pol_env	0.202	-0.470	0.249	0.573	0.608
conn_env	0.578	-0.661	0.579	0.699	0.761
depenses_brutes_env	0.221	-0.002	-0.089	0.264	0.396
part_depenses_env	1.000	-0.505	0.239	0.334	0.439
GINI_2017	-0.505	1.000	-0.290	-0.368	-0.486
EDUC_SUP_2017	0.239	-0.290	1.000	0.620	0.519
REV_MED_EURO_2017	0.334	-0.368	0.620	1.000	0.877
EPI.new	0.439	-0.486	0.519	0.877	1.000

## Annexe 6

### Représentation graphique de la matrice des corrélations

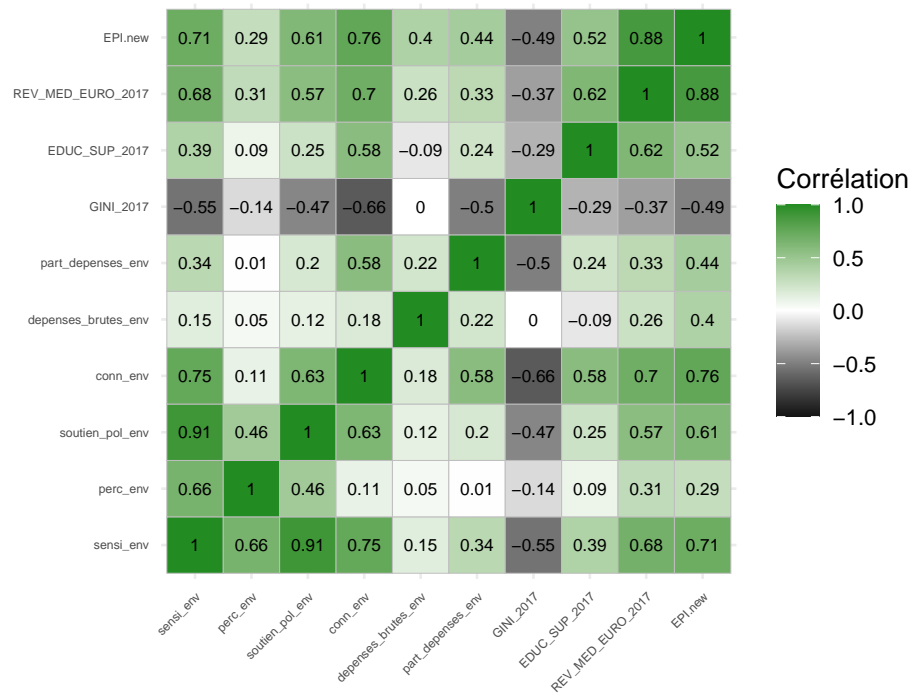
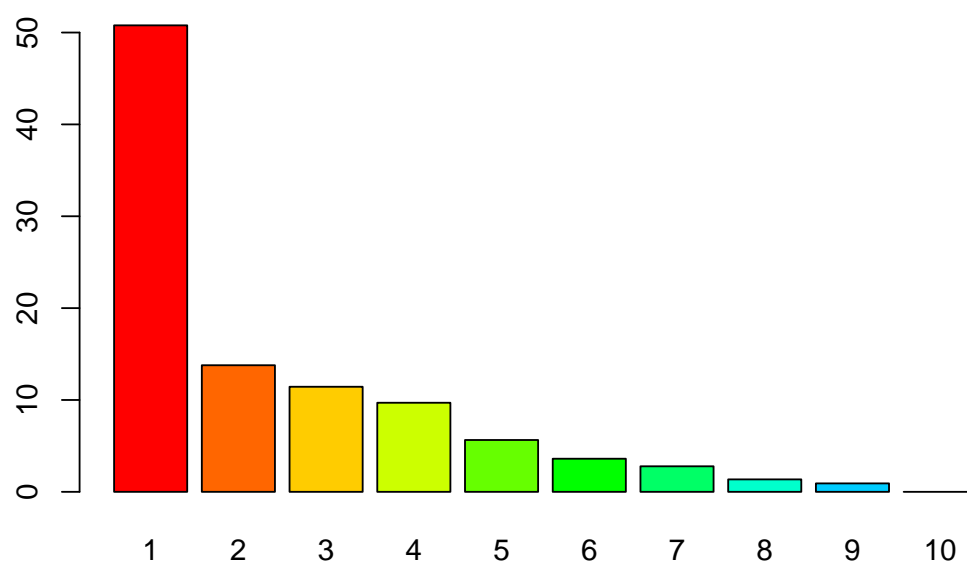


Table 4: Tableau des valeurs propres et variances des composantes principales

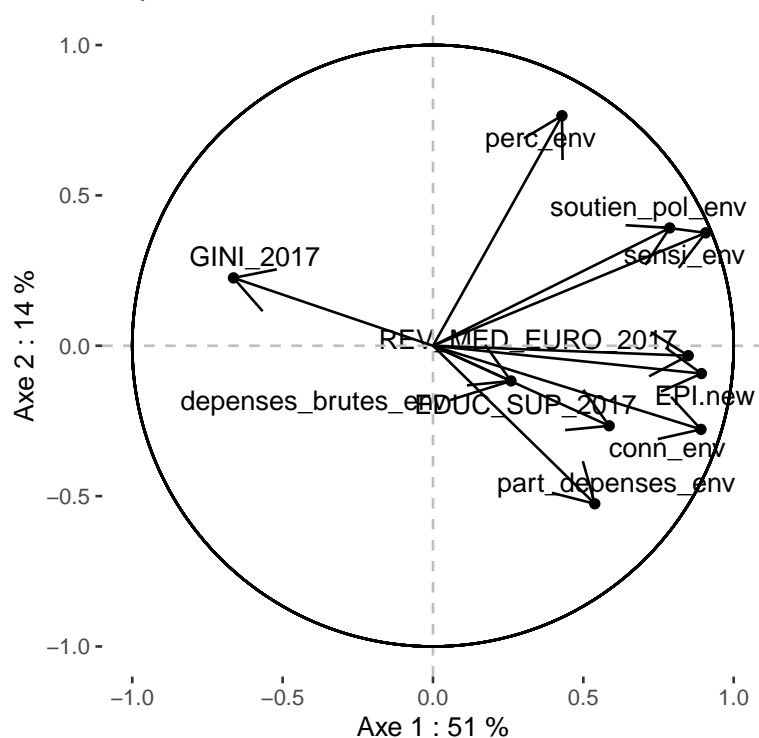
	eigenvalue	percentage of variance	cumulative percentage of variance
comp 1	5.0782409	50.7824086	50.78241
comp 2	1.3782209	13.7822093	64.56462
comp 3	1.1437830	11.4378304	76.00245
comp 4	0.9696891	9.6968908	85.69934
comp 5	0.5641442	5.6414425	91.34078
comp 6	0.3604530	3.6045303	94.94531
comp 7	0.2779413	2.7794129	97.72472
comp 8	0.1356383	1.3563831	99.08111
comp 9	0.0918892	0.9188921	100.00000
comp 10	0.0000000	0.0000000	100.00000

## Annexe 7

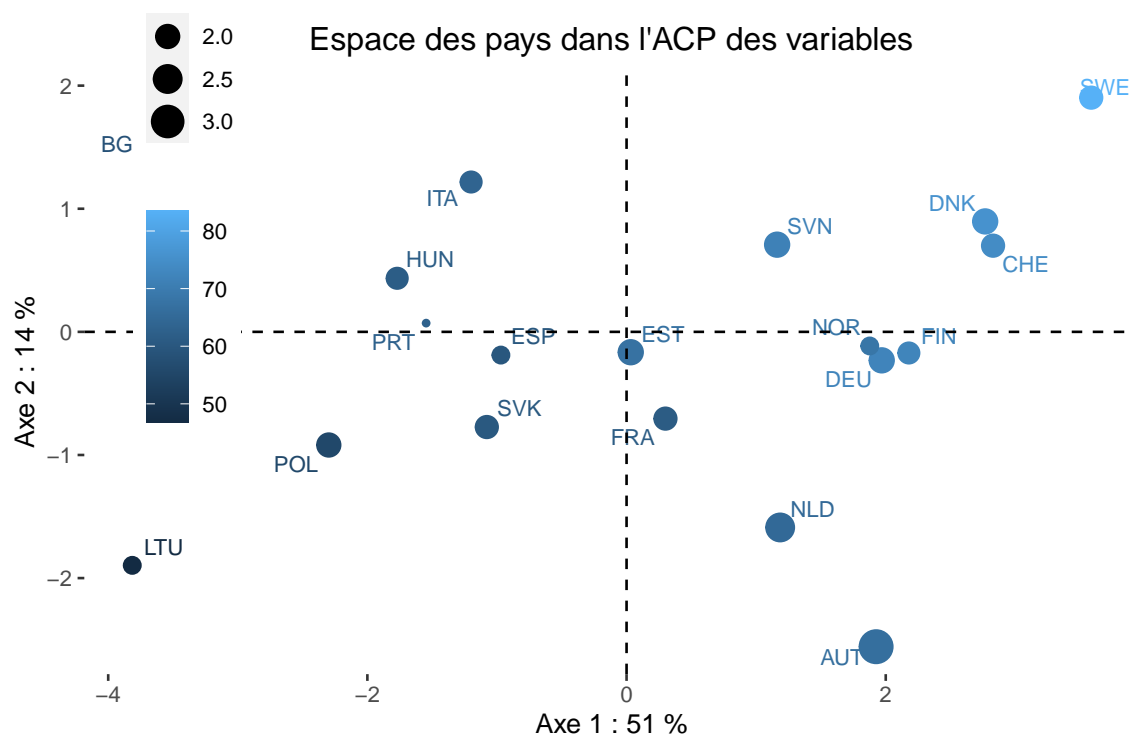
**Figure I – Part expliquée par chaque axe dans la variance totale**



Espace des variables de l'ACP avec les axes 1 et 2



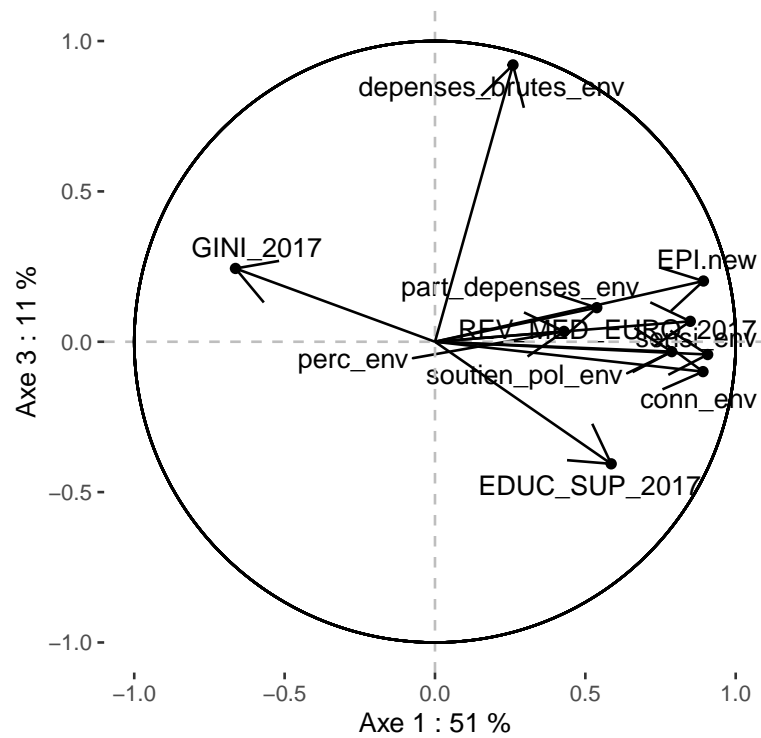
Espace des pays dans l'ACP des variables



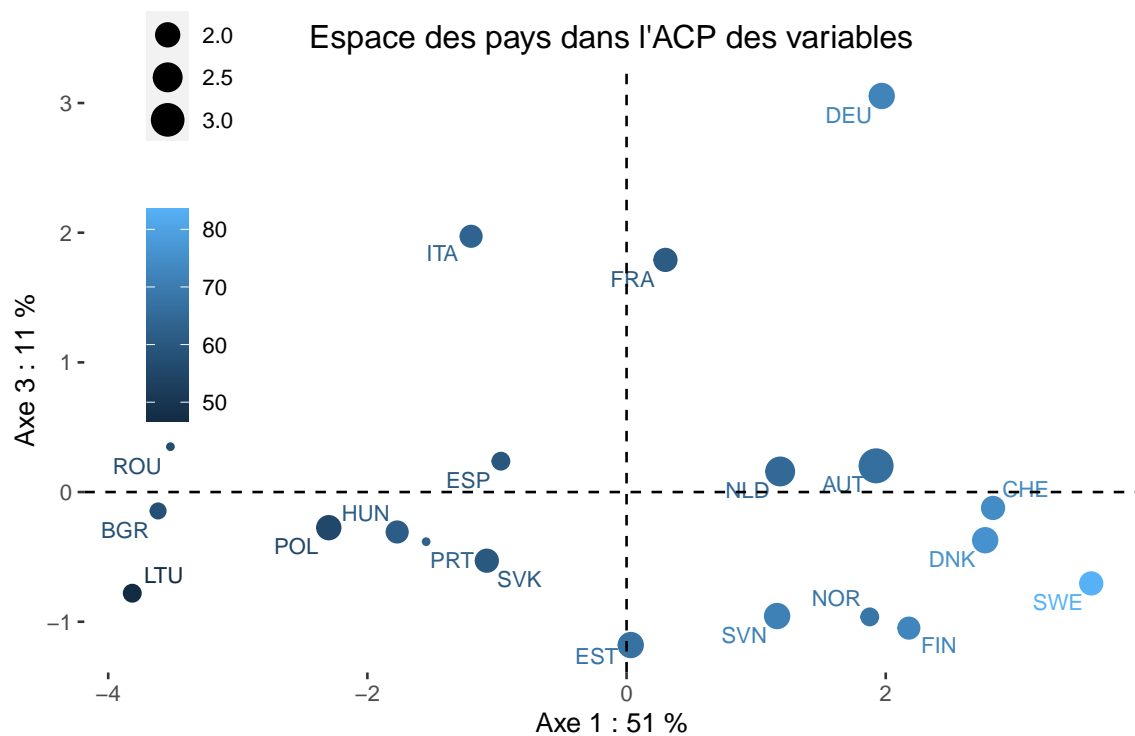
Plus un pays est en bleu clair, plus il est sensibilisé à l'environnement, plus le cercle est gros, plus ses dépenses pour l'environnement en points de PIB sont élevées.



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



### Espace des pays dans l'ACP des variables



Plus un pays est en bleu clair, plus il est sensibilisé à l'environnement, plus le cercle est gros, plus ses dépenses pour l'environnement en points de PIB sont élevées.

## Annexe 8

Table 5: Modèles simples sans variables de contrôle.

	<i>Dependent variable:</i>			
	part_depenses_env		depenses_brutes_env	
	reg1	reg1bis	reg1ter	reg1quater
	(1)	(2)	(3)	(4)
sensi_env	0.018 (0.012)		306.553 (474.735)	
conn_env		0.034*** (0.012)		295.435 (543.034)
perc_env		0.003 (0.010)		57.415 (486.889)
soutien_pol_env		-0.012 (0.011)		-8.982 (527.144)
Constant	0.666 (0.797)	0.454 (0.786)	-7,957.756 (31,156.420)	-8,653.055 (36,564.380)
Observations	20	20	20	20
R <sup>2</sup>	0.114	0.381	0.023	0.033
Adjusted R <sup>2</sup>	0.065	0.266	-0.032	-0.149
Residual Std. Error	0.440 (df = 18)	0.390 (df = 16)	17,212.820 (df = 18)	18,162.970 (df = 16)
F Statistic	2.317 (df = 1; 18)	3.289** (df = 3; 16)	0.417 (df = 1; 18)	0.180 (df = 3; 16)

*Note:*

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

## Annexe 9

Table 6: Modèles sans variables de contrôle, avec une variable repérée comme significative.

	<i>Dependent variable:</i>	
	part_depenses_env reg2	depenses_brutes_env reg2bis
	(1)	(2)
conn_env	0.026*** (0.009)	295.261 (384.663)
Constant	0.373 (0.505)	-5,141.841 (22,667.330)
Observations	20	20
R <sup>2</sup>	0.334	0.032
Adjusted R <sup>2</sup>	0.297	-0.022
Residual Std. Error (df = 18)	0.382	17,132.900
F Statistic (df = 1; 18)	9.033***	0.589

*Note:*

\*p<0.1; \*\*p<0.05; \*\*\*p<0.01

## Annexe 10

## Annexe 11

## Annexe 12

## Annexe 13

Table 7: Modèles avec variables de contrôle, pour sensi.env et conn.env.

	<i>Dependent variable:</i>			
	part_depenses_env		depenses_brutes_env	
	reg3	reg4	reg3bis	reg4bis
	(1)	(2)	(3)	(4)
sensi_env	−0.006 (0.019)		−336.305 (692.576)	
conn_env		0.022 (0.018)		108.729 (703.563)
EPI.new	0.024 (0.030)	0.010 (0.030)	1,969.223* (1,102.069)	1,802.809 (1,150.375)
REV_MED_EURO_2017	−0.00000 (0.00002)	−0.00001 (0.00002)	−0.161 (0.750)	−0.253 (0.736)
EDUC_SUP_2017	0.002 (0.019)	−0.005 (0.019)	−891.047 (690.563)	−897.014 (728.499)
GINI_2017	−0.044 (0.030)	−0.020 (0.032)	798.316 (1,114.194)	1,096.733 (1,230.626)
Constant	1.890 (2.678)	0.701 (2.426)	−104,242.900 (98,231.170)	−128,027.900 (94,125.220)
Observations	20	20	20	20
R <sup>2</sup>	0.313	0.377	0.332	0.322
Adjusted R <sup>2</sup>	0.068	0.154	0.094	0.080
Residual Std. Error (df = 14)	0.440	0.419	16,129.970	16,251.380
F Statistic (df = 5; 14)	1.276	1.693	1.395	1.332

*Note:*

\*p<0.1; \*\*p<0.05; \*\*\*p<0.01

Table 8: Modèles avec variables de contrôle, sans educ.sup.

	<i>Dependent variable:</i>			
	part_depenses_env		depenses_brutes_env	
	reg5	reg6	reg5bis	reg6bis
	(1)	(2)	(3)	(4)
sensi_env	−0.007 (0.018)		−522.244 (606.115)	
conn_env		0.022 (0.018)		93.865 (681.265)
EPI.new	0.019 (0.020)	0.002 (0.019)	1,726.900** (705.111)	1,504.822* (732.184)
EDUC_SUP_2017	−0.0002 (0.017)	−0.008 (0.017)	−972.413 (595.914)	−990.684 (655.283)
GINI_2017	−0.045 (0.029)	−0.022 (0.030)		1,020.994 (1,174.538)
Constant	2.332 (1.748)	1.377 (1.657)	−50,304.560 (33,727.920)	−105,054.700 (64,202.110)
Observations	20	20	20	20
R <sup>2</sup>	0.311	0.370	0.308	0.317
Adjusted R <sup>2</sup>	0.127	0.202	0.178	0.134
Residual Std. Error	0.426 (df = 15)	0.407 (df = 15)	15,363.330 (df = 16)	15,766.240 (df = 15)
F Statistic	1.689 (df = 4; 15)	2.202 (df = 4; 15)	2.373 (df = 3; 16)	1.738 (df = 4; 15)

*Note:*

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

Table 9: Modèles avec variables de contrôle, sans educ.sup ni rev.med.

	<i>Dependent variable:</i>
	part_depenses_env reg7
comm_env	0.024 (0.016)
soutien_pol_env	-0.012 (0.010)
EPI.new	0.006 (0.019)
GINI_2017	-0.028 (0.029)
Constant	1.714 (1.595)
Observations	20
R <sup>2</sup>	0.416
Adjusted R <sup>2</sup>	0.260
Residual Std. Error	0.392 (df = 15)
F Statistic	2.668* (df = 4; 15)
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 10: Modèles retenus.

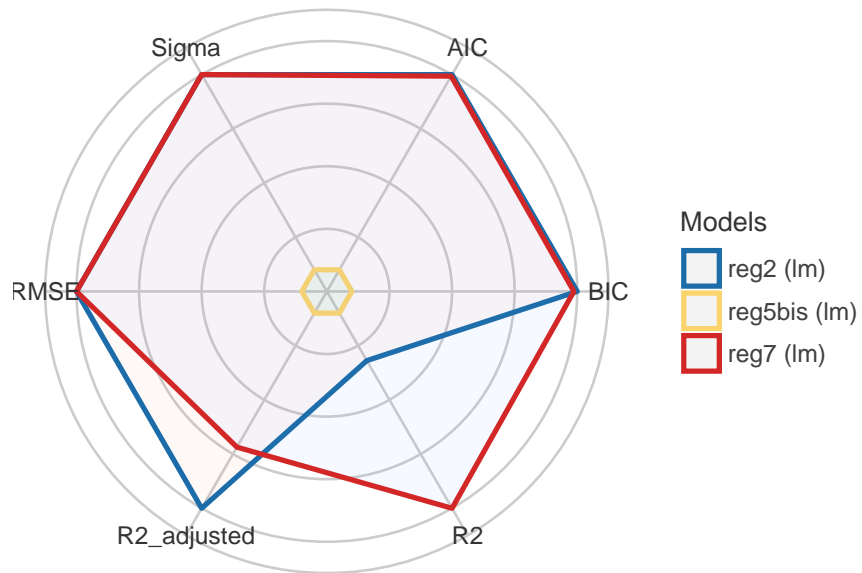
	<i>Dependent variable:</i>		
	part_depenses_env		depenses_brutes_env
	reg2	reg7	reg5bis
	(1)	(2)	(3)
conn_env	0.026*** (0.009)	0.024 (0.016)	
soutien_pol_env		−0.012 (0.010)	
sensi_env			−522.244 (606.115)
EPI.new		0.006 (0.019)	1,726.900** (705.111)
GINI_2017		−0.028 (0.029)	
EDUC_SUP_2017			−972.413 (595.914)
Constant	0.373 (0.505)	1.714 (1.595)	−50,304.560 (33,727.920)
Observations	20	20	20
R <sup>2</sup>	0.334	0.416	0.308
Adjusted R <sup>2</sup>	0.297	0.260	0.178
Residual Std. Error	0.382 (df = 18)	0.392 (df = 15)	15,363.330 (df = 16)
F Statistic	9.033*** (df = 1; 18)	2.668* (df = 4; 15)	2.373 (df = 3; 16)

*Note:*

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

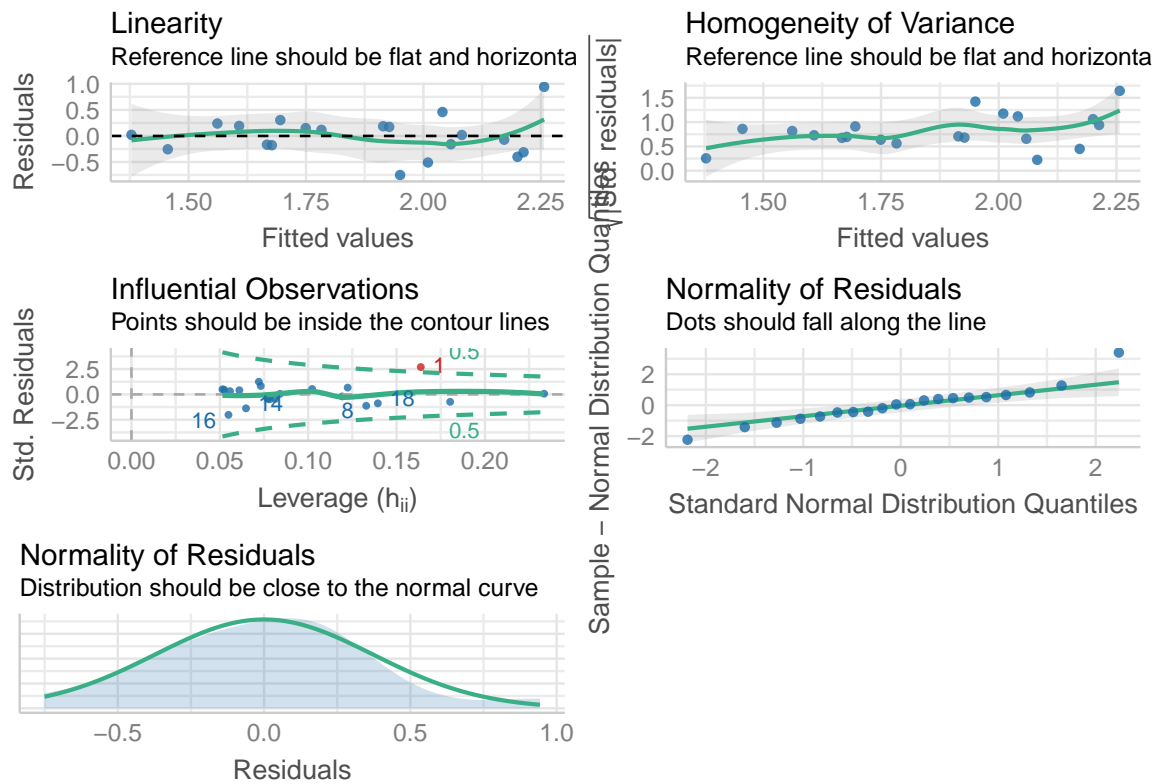
## Annexe 14

### Comparison of Model Indices

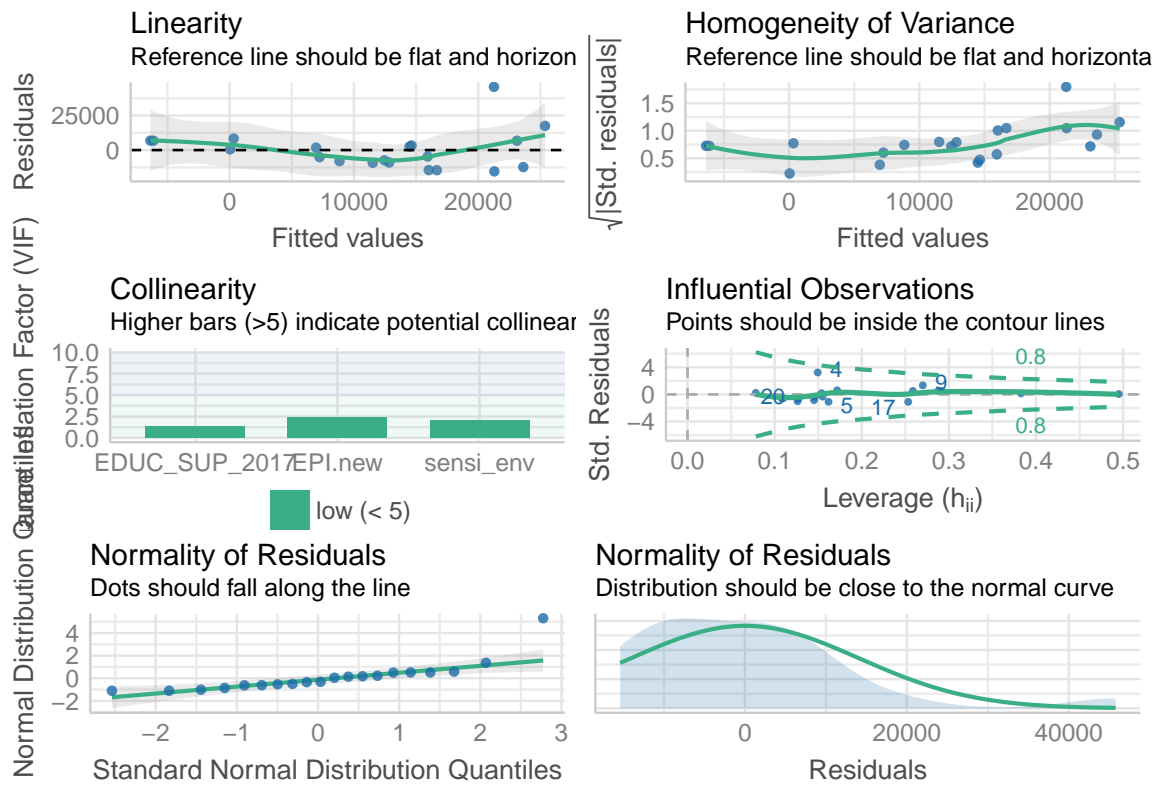




## Annexe 15



## Annexe 16



## Annexe 17

