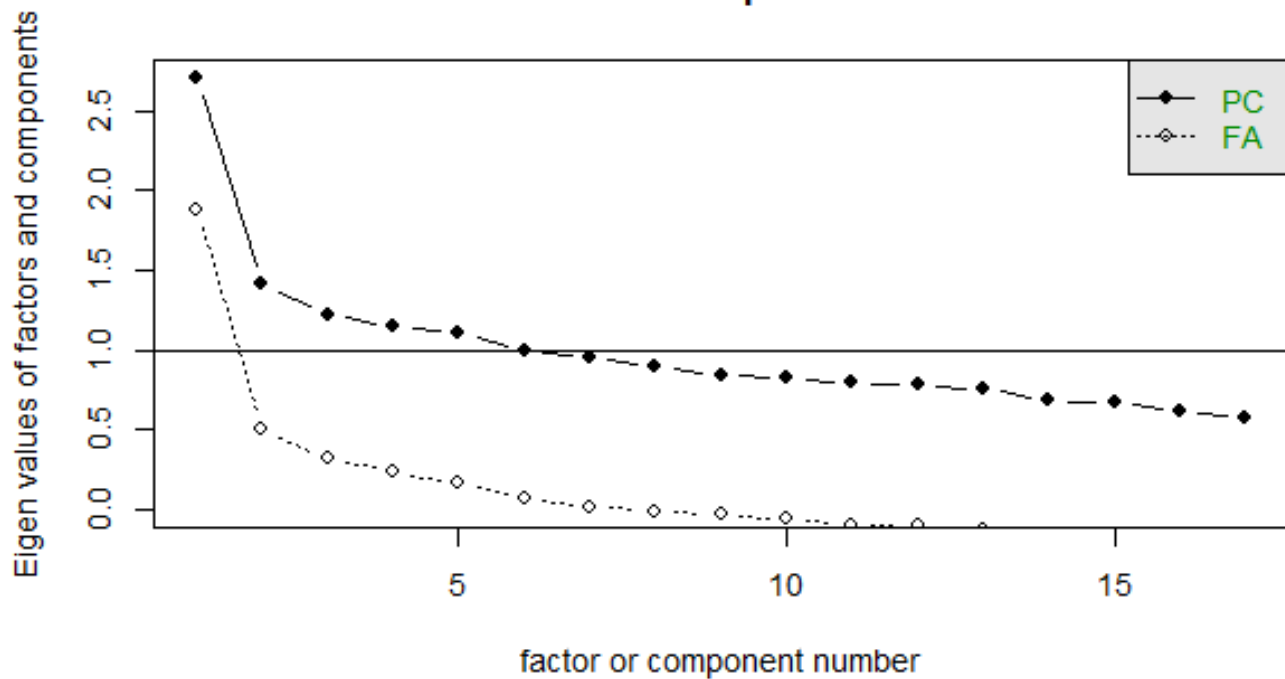


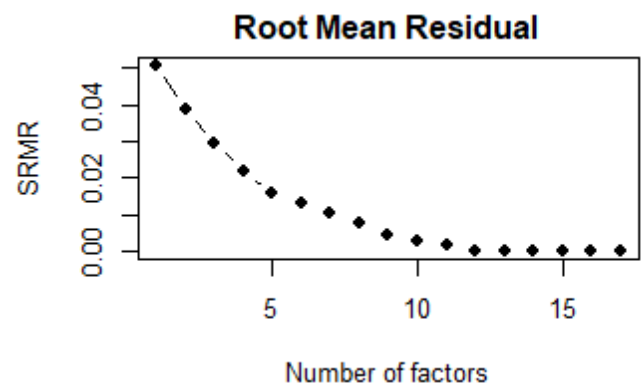
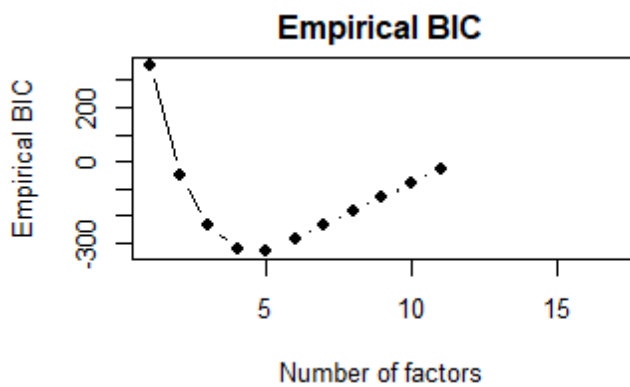
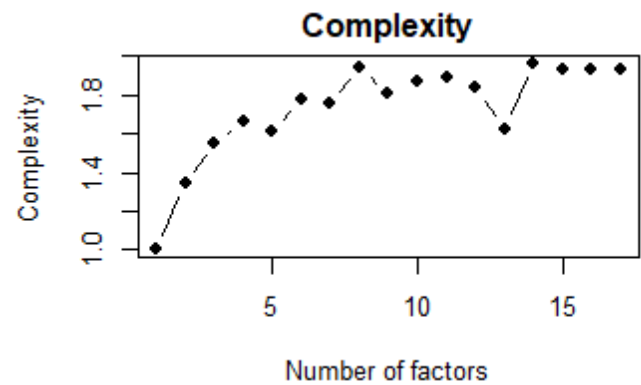
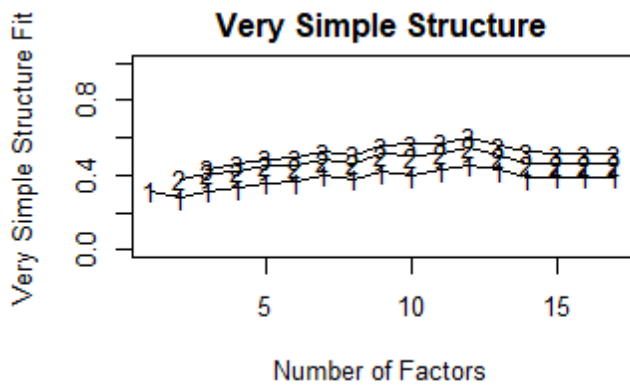
# Apêndice I

## I.1 – Diagnóstico onda 1991

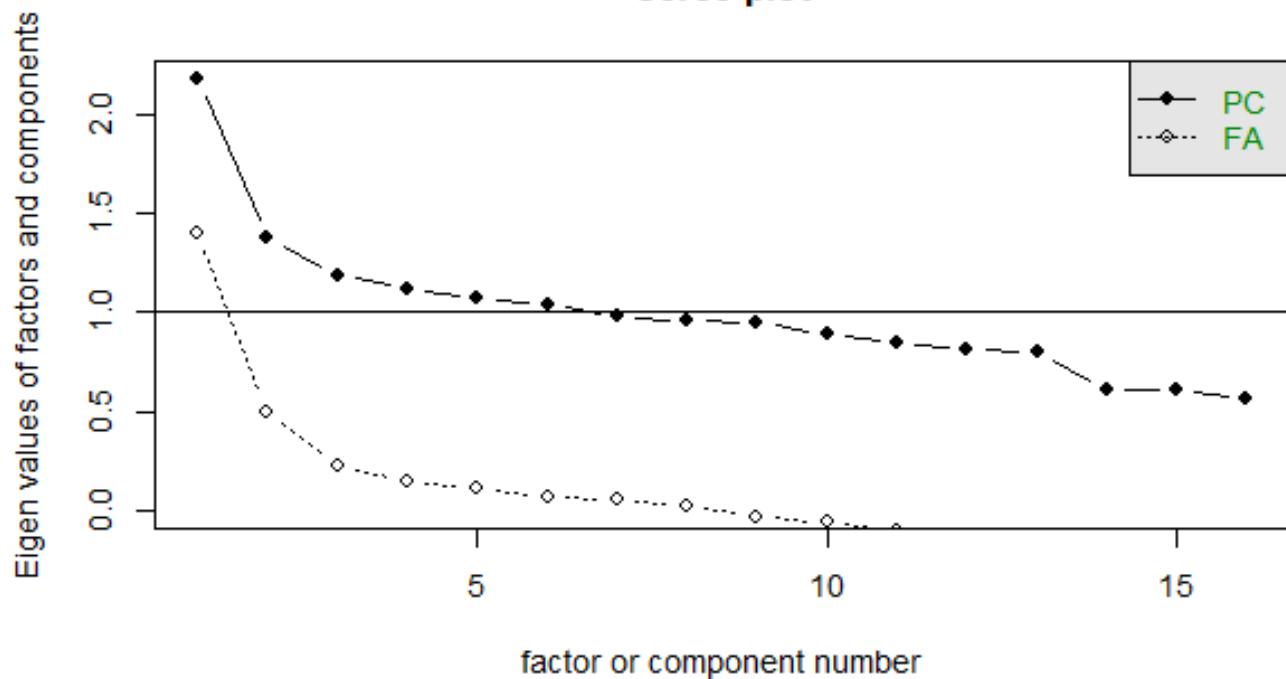
**Scree plot**



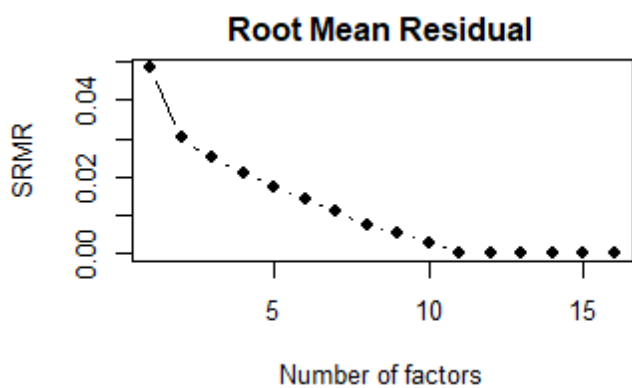
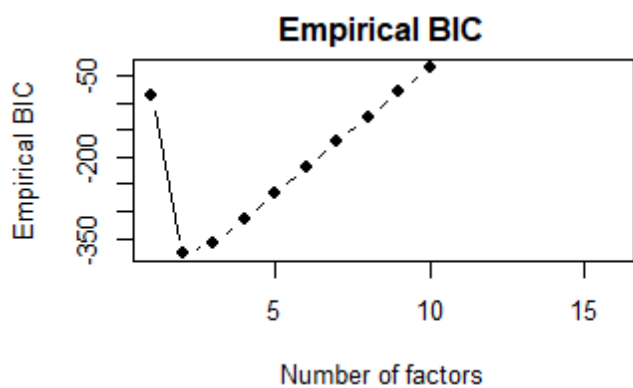
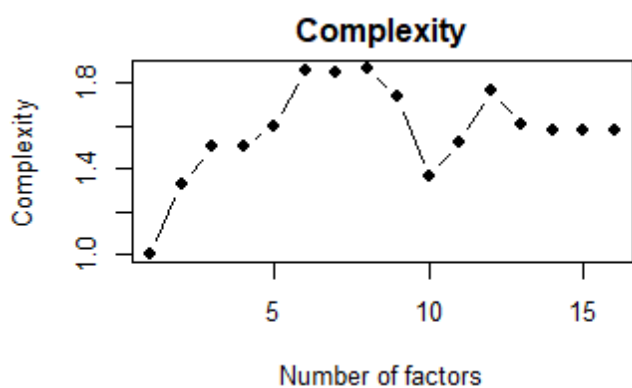
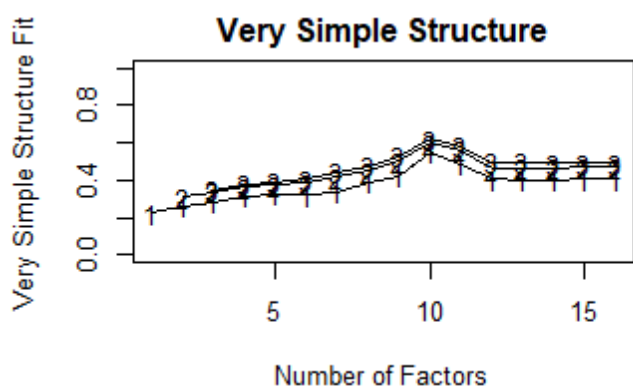
Abaixo, testes complementares referentes apenas à Análise Fatorial:



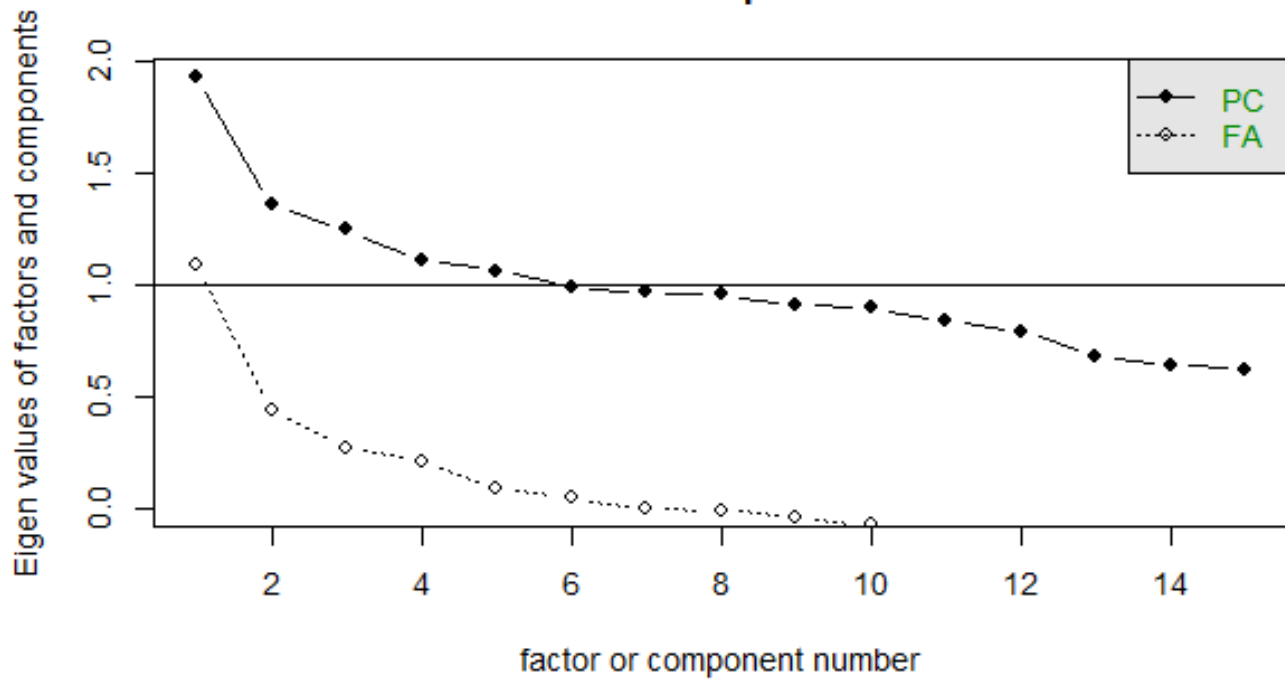
**Scree plot**



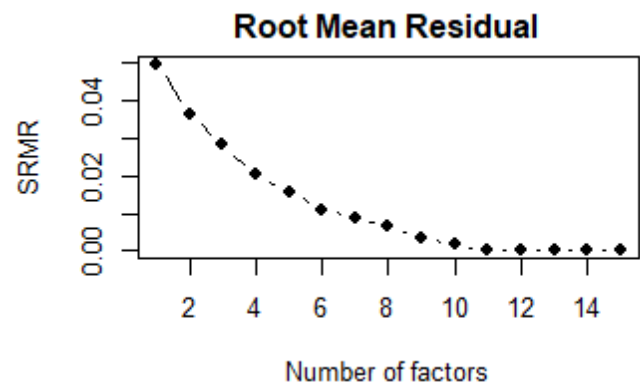
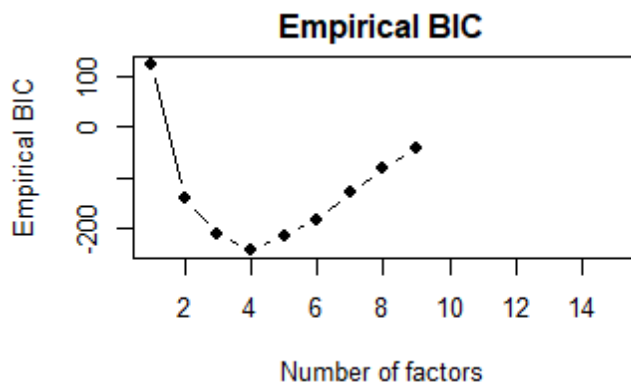
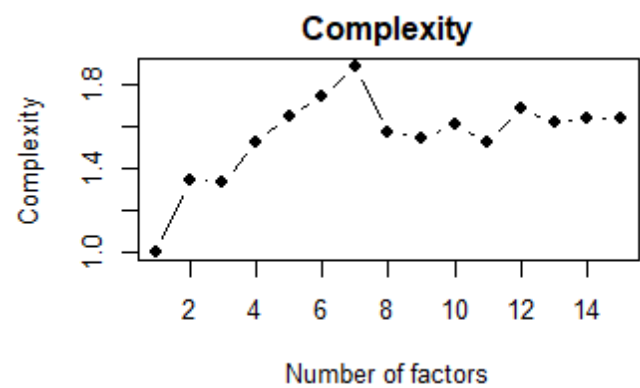
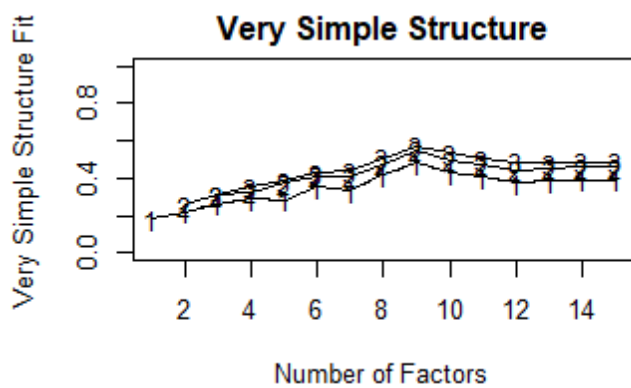
Abaixo, testes complementares referentes apenas à Análise Fatorial:

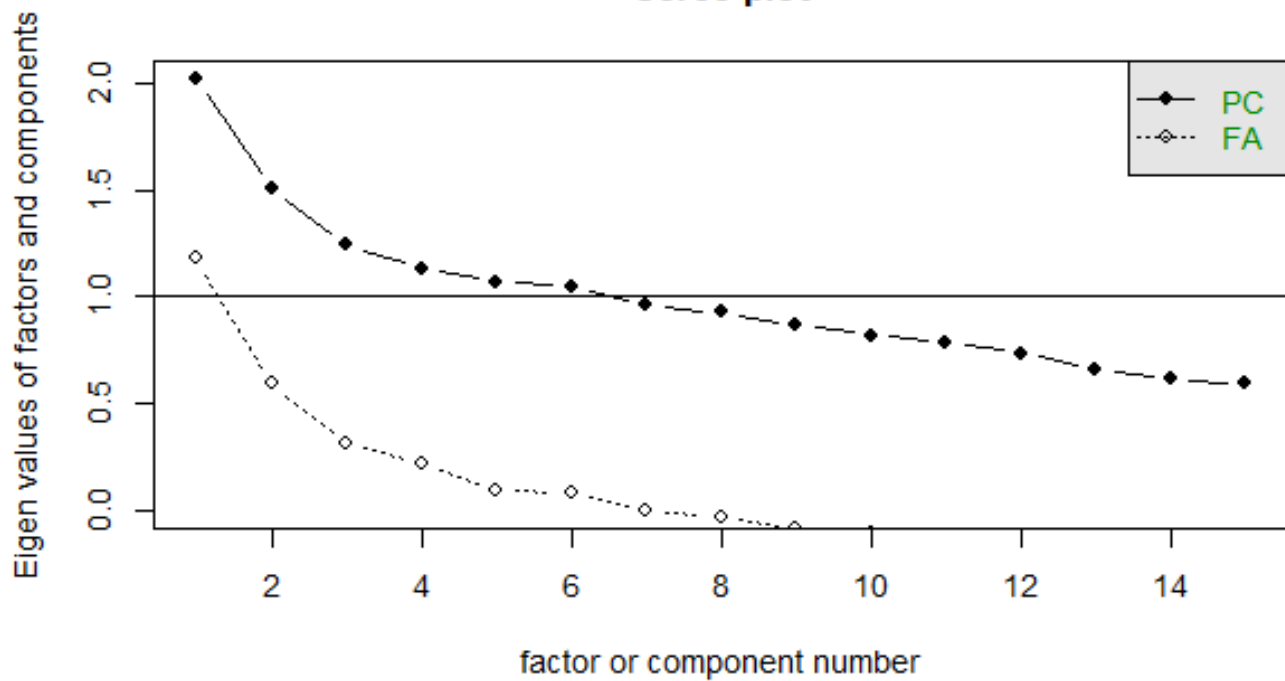


**Scree plot**

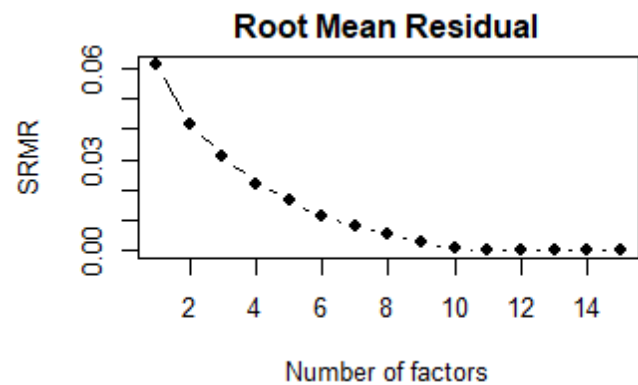
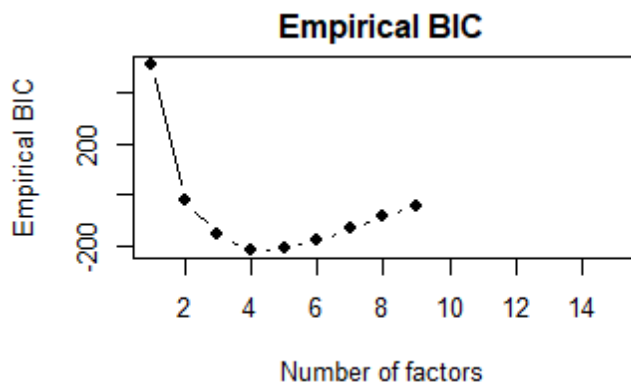
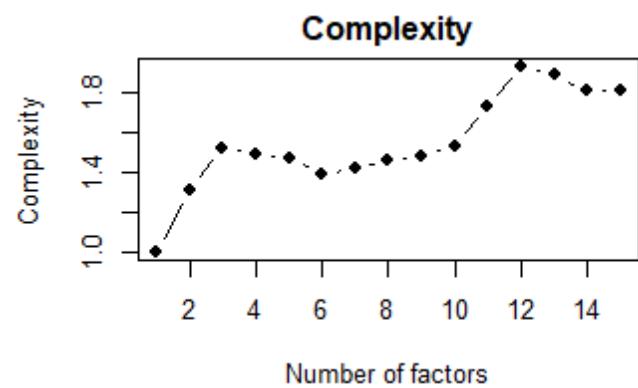
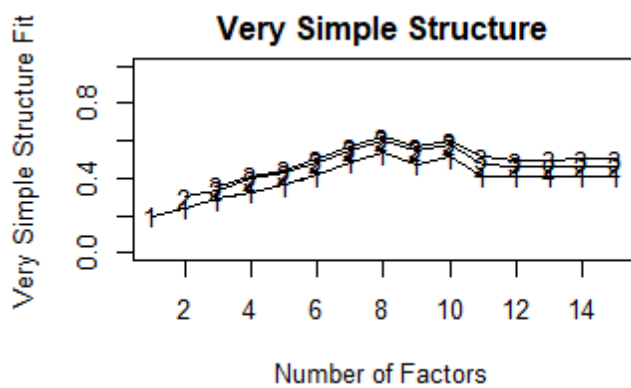


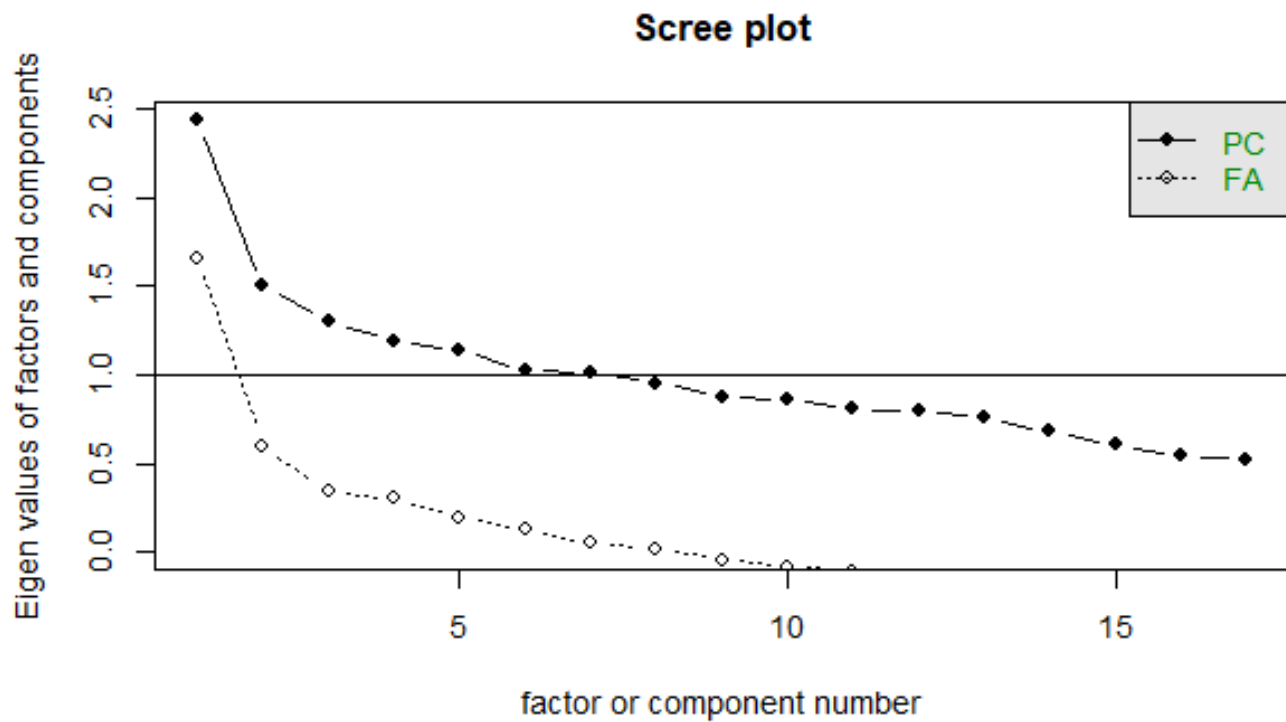
Abaixo, testes complementares referentes apenas à Análise Fatorial:



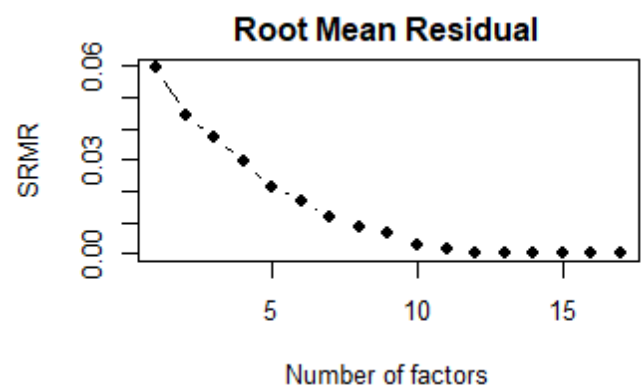
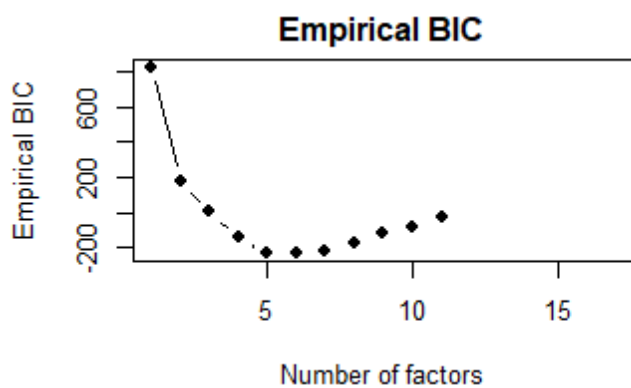
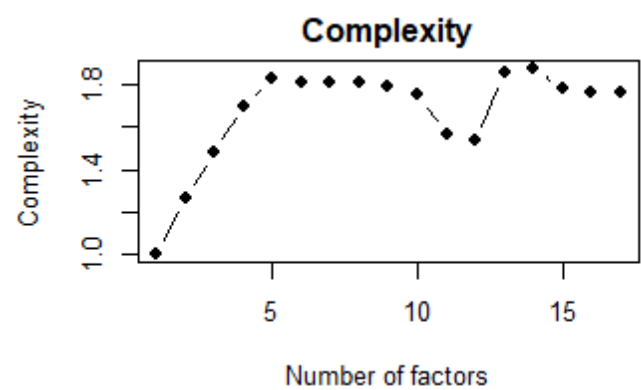
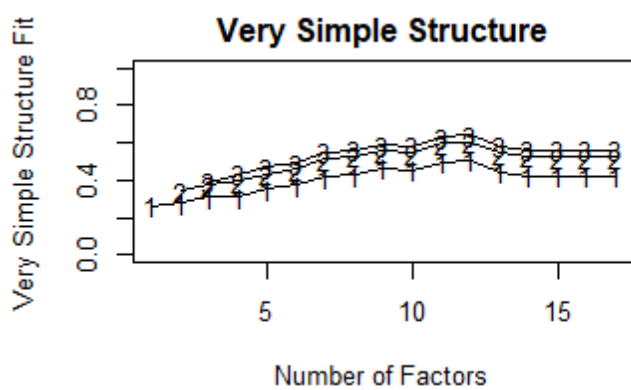
**Scree plot**

Abaixo, testes complementares referentes apenas à Análise Fatorial:





Abaixo, testes complementares referentes apenas à Análise Fatorial:



# Apêndice II

Análise fatorial com 2 e 3 fatores.

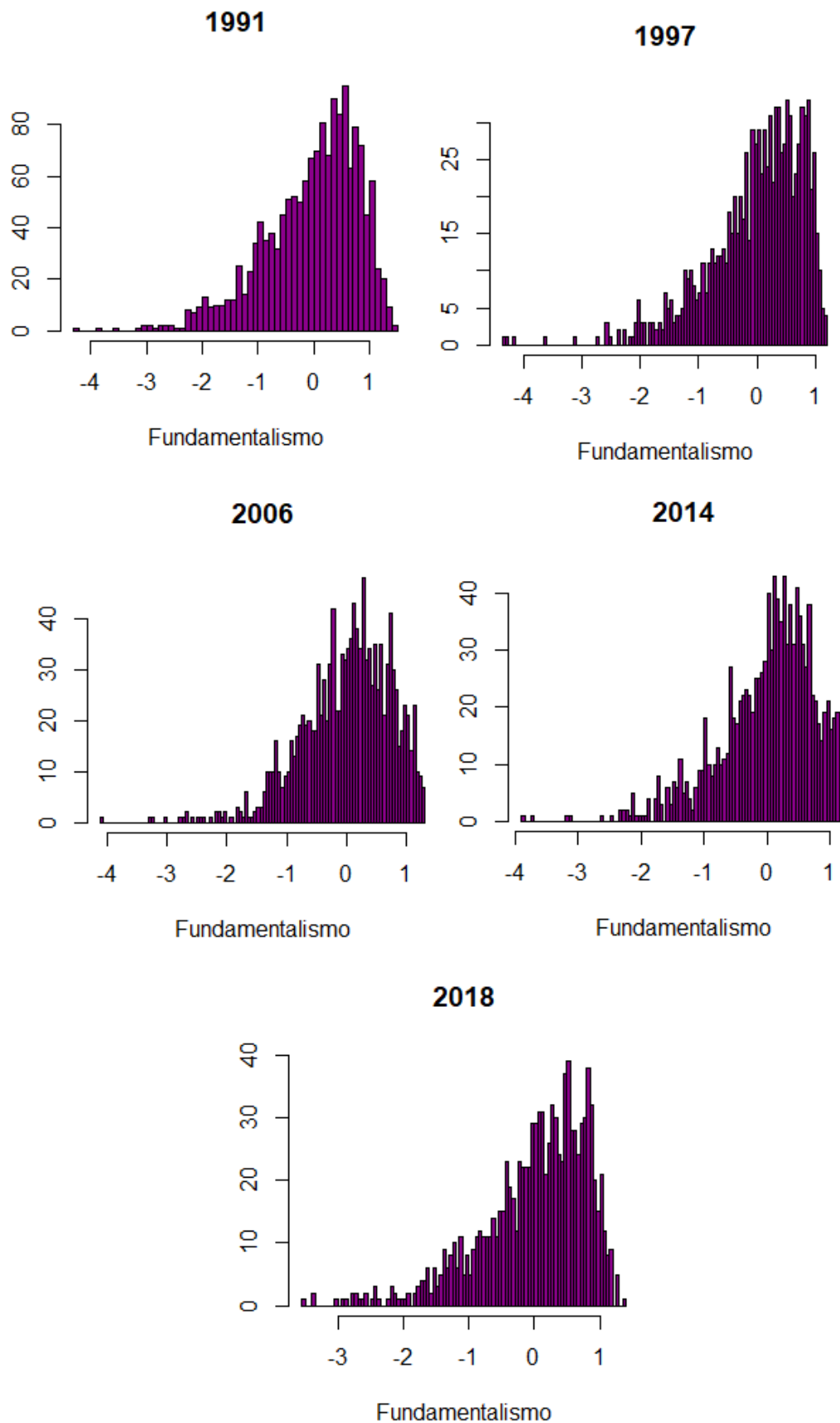
1991				1997			
MR1	MR3	MR2		MR1	MR2	MR3	
B006	0.179	-0.202	0.275	B008	0.019	0.143	-0.029
C001	0.011	-0.144	0.129	C001	-0.057	0.083	0.571
C002	-0.003	-0.053	0.067	C002	-0.028	-0.013	0.153
E018	0.260	-0.199	0.150	E018	0.178	-0.135	-0.115
E034	0.244	-0.129	0.093	E034	0.047	0.017	-0.159
E035	-0.002	0.122	0.024	E035		0.066	-0.042
E036	0.076	0.042	0.546	E036	0.026	-0.064	-0.098
E039	-0.045	0.012	0.451	E039	-0.019	-0.094	-0.096
F028	0.401	-0.187	0.070	F028	0.426	-0.057	-0.046
F034	0.528	0.073	-0.021	F034	0.800	0.222	-0.027
F063	0.542	0.040	-0.036	F063	0.376	-0.085	-0.040
F116	-0.204	0.056	0.034	F116	-0.095	0.030	-0.142
F118	-0.168	0.496	-0.044	F118	-0.160	0.529	0.162
F120	-0.340	0.450	-0.122	F120	-0.323	0.543	0.033
F121	-0.194	0.570	-0.151	F121	-0.213	0.553	0.172
F141	-0.382	0.225	-0.094	G006	0.156	-0.086	-0.007
G006	0.333	-0.104	0.036				
1991				1997			
MR1	MR3	MR2		MR1	MR2	MR3	
B006	0.174	-0.324		B008	0.023	0.128	
C001	0.010	-0.205		C001	-0.100	0.208	
C002	-0.006	-0.091		C002	-0.041	0.034	
E018	0.261	-0.250		E018	0.185	-0.164	
E034	0.243	-0.158		E034	0.061	-0.034	
E035	-0.017	0.090		E035	0.005	0.049	
E036	0.044	-0.217		E036	0.033	-0.093	
E039	-0.057	-0.209		E039	-0.011	-0.118	
F028	0.416	-0.169		F028	0.428	-0.064	
F034	0.519	0.110		F034	0.801	0.213	
F063	0.542	0.095		F063	0.377	-0.088	
F116	-0.212	0.014		F116	-0.080	-0.016	
F118	-0.227	0.400		F118	-0.167	0.559	
F120	-0.383	0.416		F120	-0.311	0.505	
F121	-0.254	0.522		F121	-0.220	0.586	
F141	-0.392	0.229		G006	0.155	-0.084	
G006	0.333	-0.098					
1991				1997			
MR1	MR3	MR2		MR1	MR2	MR3	
SS loadings	1.381	1.018	0.688	SS loadings	1.210	1.012	0.491
Proportion Var	0.081	0.060	0.040	Proportion Var	0.076	0.063	0.031

2006				2014			
MR1	MR2	MR3		MR1	MR2	MR3	
B008	0.002	-0.042	0.112	B008	-0.109	-0.008	0.081
C001	-0.075	-0.249	0.076	C001	-0.160	-0.159	0.430
C002	-0.053	-0.067	0.018	C002	-0.031	-0.087	0.297
E018	0.179	-0.082	0.082	E018	0.261	-0.067	-0.046
E035	-0.006	0.019	0.200	E035	-0.008	-0.044	0.027
E036	0.096	-0.016	0.479	E036	0.043	0.010	0.118
E039	0.015	-0.088	0.247	E039	-0.060	0.017	0.171
F028	0.390	-0.128	-0.014	F028	0.441	-0.169	0.228
F034	0.633	0.078	-0.026	F034	0.571	0.003	0.180
F063	0.419	-0.029	0.016	F063	0.490	-0.058	-0.212
F116	-0.101	0.022	0.256	F116	-0.187	0.154	0.180
F118	-0.141	0.631		F118	-0.065	0.596	-0.041
F120	-0.289	0.340	-0.007	F120	-0.286	0.407	0.090
F121	-0.213	0.434	-0.020	F121	-0.039	0.597	-0.036
G006	0.147	0.009	-0.026	G006	0.194	0.020	-0.087
2006				2014			
MR1	MR2	MR3		MR1	MR2	MR3	
B008	-0.008	-0.061		B008	-0.129	-0.025	
C001	-0.095	-0.255		C001	-0.241	-0.232	
C002	-0.059	-0.067		C002	-0.100	-0.155	
E018	0.166	-0.108		E018	0.280	-0.063	
E035	-0.019	-0.014		E035	-0.008	-0.047	
E036	0.053	-0.085		E036	0.010	-0.027	
E039	-0.005	-0.122		E039	-0.109	-0.031	
F028	0.381	-0.154		F028	0.316	-0.248	
F034	0.642	0.039		F034	0.412	-0.096	
F063	0.413	-0.062		F063	0.577	-0.012	
F116	-0.108	-0.010		F116	-0.243	0.101	
F118	-0.106	0.611		F118	-0.064	0.588	
F120	-0.265	0.360		F120	-0.327	0.375	
F121	-0.184	0.453		F121	-0.039	0.581	
G006	0.147	0.002		G006	0.219	0.035	
2006				2014			
MR1	MR2	MR3		MR1	MR2	MR3	
SS loadings	0.959	0.810	0.423	SS loadings	1.033	0.973	0.506
Proportion Var	0.064	0.054	0.028	Proportion Var	0.069	0.065	0.034

2018				2018			
MR1	MR2	MR3		MR1	MR2	MR3	
B008	-0.086	-0.074	0.132	B008	-0.062	-0.161	
C001	-0.084	-0.099	0.422	C001	-0.073	-0.289	
C002	0.009	0.013	0.250	C002	-0.022	-0.104	
E018	0.250	0.004	-0.023	E018	0.228	0.099	
E034	0.118	-0.034		E034	0.122	0.012	
E035	0.098	0.004	0.174	E035	0.067	-0.058	
E036	0.025	-0.006	0.180	E036	0.005	-0.089	
E039	-0.039	-0.021	0.227	E039	-0.051	-0.138	
F028	0.407	-0.204	0.093	F028	0.439	-0.083	
F034	0.593	-0.048	0.031	F034	0.537	0.123	
F063	0.637	-0.046	-0.105	F063	0.609	0.216	
F116	-0.192	0.163	0.243	F116	-0.262	-0.044	
F118	-0.193	0.493	-0.189	F118	-0.370	0.496	
F120	-0.448	0.323	0.010	F120	-0.547	0.130	
F121	-0.067	0.792	-0.046	F121	-0.356	0.527	
F144_02	-0.136	0.199	0.184	F144_02	-0.222	0.025	
G006	0.283	-0.035	-0.046	G006	0.278	0.084	
2018				2018			
MR1	MR2	MR3		MR1	MR2	MR3	
SS loadings	1.404	1.105	0.526	SS loadings	1.693	0.780	
Proportion Var	0.083	0.065	0.031	Proportion Var	0.100	0.046	

## Apêndice III

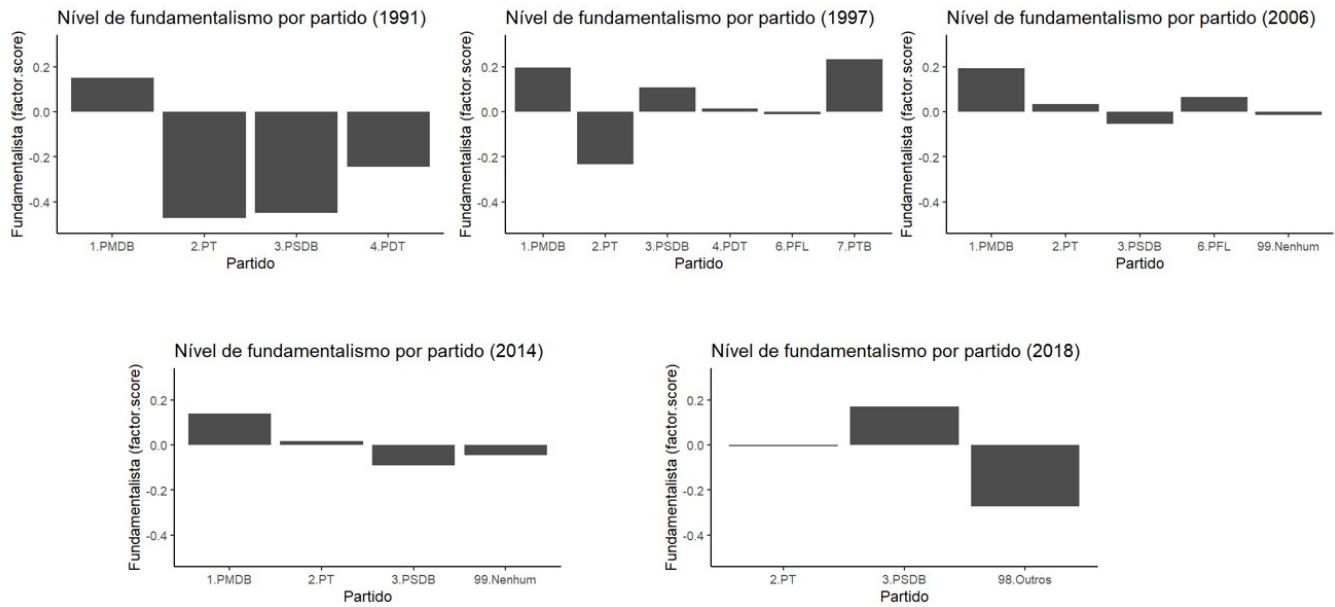
Figura III.1 – Histogramas fundamentalismo no Brasil



## Apêndice IV

Abaixo, um comparador de médias simples dos escores de fundamentalista/liberal para adesistas de alguns partidos

**Figura III.1– Nível de fundamentalismo por adesão partidária**



Fonte: WVS



## Apêndice V: modelos de regressão

Abaixo, apresentamos as tabelas do modelo de regressão apresentado com todas as variáveis.

**Tabela V.1 – Modelos de regressão (1991-2018 - com valores estimados)**

	1991	1997	2006	2014	2018
<i>Predictors</i>	<i>MR1 Estimates</i>	<i>MR1 Estimates</i>	<i>MR1 Estimates</i>	<i>MR1 Estimates</i>	<i>MR1 Estimates</i>
(Intercept)	1.10 *** (0.16)	0.85 *** (0.18)	0.06 (0.16)	-0.06 (0.19)	0.05 (0.22)
Sex	0.06 (0.04)	-0.09 (0.05)	0.07 (0.04)	0.12 * (0.05)	0.12 * (0.06)
Age	0.00 * (0.00)	-0.00 (0.00)	0.00 * (0.00)	0.01 *** (0.00)	0.01 *** (0.00)
Education level (recoded)	-0.30 *** (0.04)	-0.11 * (0.05)	-0.14 *** (0.03)	-0.09 * (0.04)	-0.11 * (0.05)
Scale of incomes	-0.07 *** (0.01)	-0.07 *** (0.01)	0.00 (0.01)	0.01 (0.01)	-0.01 (0.01)
Settlement size	-0.06 *** (0.01)	-0.03 * (0.01)	-0.03 (0.01)	-0.03 (0.01)	0.01 (0.02)
Ethnic group	-0.05 (0.05)	0.14 * (0.06)	0.00 (0.04)	-0.04 (0.05)	-0.21 *** (0.06)
Post-Materialist index 12-item	-0.08 *** (0.02)	-0.09 *** (0.02)	-0.04 (0.02)	-0.08 *** (0.02)	-0.13 *** (0.03)
Interest in politics	-0.06 ** (0.02)	-0.05 (0.03)	-0.03 (0.02)	-0.02 (0.03)	-0.07 * (0.03)
PT: PT	-0.26 *** (0.07)	-0.20 ** (0.06)	0.07 (0.05)	-0.07 (0.07)	-0.08 (0.07)
Self positioning in political scale	0.03 *** (0.01)	0.03 ** (0.01)	0.04 *** (0.01)	0.02 * (0.01)	0.03 ** (0.01)
Observations	1253	878	1112	805	684
R <sup>2</sup> / R <sup>2</sup> adjusted	0.262 / 0.256	0.138 / 0.128	0.075 / 0.067	0.080 / 0.068	0.143 / 0.130

\*  $p < 0.05$  \*\*  $p < 0.01$  \*\*\*  $p < 0.001$

**Tabela V.2 – Modelos de regressão (1991-2018 – betas padronizados)**

	1991	1997	2006	2014	2018
(Intercept)	0.00 (0.16)	0.00 (0.18)	0.00 (0.16)	-0.00 (0.19)	0.00 (0.22)
Sex	0.03 (0.04)	-0.05 (0.05)	0.05 (0.04)	0.08 (0.05)	0.07 (0.06)
Age	0.06 (0.00)	-0.01 (0.00)	0.07 (0.00)	0.15 (0.00)	0.14 (0.00)
Education level (recoded)	-0.22 (0.04)	-0.09 (0.05)	-0.14 (0.03)	-0.09 (0.04)	-0.10 (0.05)
Scale of incomes	-0.16 (0.01)	-0.17 (0.01)	0.00 (0.01)	0.02 (0.01)	-0.03 (0.01)
Settlement size	-0.14 (0.01)	-0.07 (0.01)	-0.06 (0.01)	-0.07 (0.01)	0.02 (0.02)
Ethnic group	-0.02 (0.05)	0.08 (0.06)	0.00 (0.04)	-0.03 (0.05)	-0.13 (0.06)
Post-Materialist index 12-item	-0.11 (0.02)	-0.13 (0.02)	-0.05 (0.02)	-0.12 (0.02)	-0.18 (0.03)
Interest in politics	-0.08 (0.02)	-0.06 (0.03)	-0.04 (0.02)	-0.02 (0.03)	-0.09 (0.03)
PT: PT	-0.10 (0.07)	-0.11 (0.06)	0.05 (0.05)	-0.03 (0.07)	-0.04 (0.07)
Self positioning in political scale	0.10 (0.01)	0.09 (0.01)	0.13 (0.01)	0.07 (0.01)	0.12 (0.01)
Observations	1253	878	1112	805	684
R <sup>2</sup> / R <sup>2</sup> adjusted	0.262 / 0.256	0.138 / 0.128	0.075 / 0.067	0.080 / 0.068	0.143 / 0.130

## Apêndice VI

Abaixo, apresentamos o modelo de regressão que acresce a variável religião.

**Tabela VI.1 – Modelos de regressão (adicionando variável religião) (1991-2018 - com valores estimados)**

	1991	1997	2006	2014	2018
<i>Predictors</i>	<b>MR1</b> <i>Estimates</i>	<b>MR1</b> <i>Estimates</i>	<b>MR1</b> <i>Estimates</i>	<b>MR1</b> <i>Estimates</i>	<b>MR1</b> <i>Estimates</i>
(Intercept)	1.30 *** (0.16)	1.22 *** (0.18)	0.41 ** (0.15)	0.32 (0.19)	0.44 * (0.21)
Sex	0.03 (0.04)	-0.13 ** (0.05)	0.03 (0.04)	0.06 (0.05)	0.03 (0.06)
Age	0.00 * (0.00)	-0.00 (0.00)	0.00 * (0.00)	0.01 ** (0.00)	0.01 ** (0.00)
Education level (recoded)	-0.28 *** (0.04)	-0.12 ** (0.04)	-0.13 *** (0.03)	-0.12 ** (0.04)	-0.06 (0.04)
Scale of incomes	-0.07 *** (0.01)	-0.06 *** (0.01)	-0.01 (0.01)	0.02 (0.01)	-0.01 (0.01)
Settlement size	-0.06 *** (0.01)	-0.02 (0.01)	-0.03 * (0.01)	-0.03 (0.01)	0.01 (0.02)
Ethnic group	-0.06 (0.05)	0.10 (0.06)	-0.02 (0.04)	-0.05 (0.05)	-0.14 * (0.06)
Post-Materialist index 12-item	-0.08 *** (0.02)	-0.09 *** (0.02)	-0.02 (0.02)	-0.06 ** (0.02)	-0.12 *** (0.03)
Interest in politics	-0.06 ** (0.02)	-0.06 * (0.03)	-0.03 (0.02)	-0.02 (0.03)	-0.07 * (0.03)
PT: PT	-0.26 *** (0.06)	-0.15 ** (0.06)	0.08 (0.04)	-0.07 (0.07)	-0.05 (0.07)
Self positioning in political scale	0.03 *** (0.01)	0.02 ** (0.01)	0.03 ** (0.01)	0.02 (0.01)	0.03 ** (0.01)
Sem_Religiao	-0.70 *** (0.08)	-0.80 *** (0.09)	-0.74 *** (0.07)	-0.81 *** (0.08)	-0.77 *** (0.08)
Catolico	-0.15 ** (0.05)	-0.18 ** (0.07)	-0.22 *** (0.05)	-0.21 *** (0.06)	-0.16 * (0.06)
Observations	1253	878	1112	805	684
R <sup>2</sup> / R <sup>2</sup> adjusted	0.313 / 0.307	0.212 / 0.201	0.159 / 0.149	0.189 / 0.177	0.251 / 0.238

\*  $p < 0.05$  \*\*  $p < 0.01$  \*\*\*  $p < 0.001$

Fonte: WVS

**Tabela VI.2 – Modelos de regressão (adicionando variável religião) (1991-2018 – betas padronizados)**

	1991	1997	2006	2014	2018
(Intercept)	0.00 (0.16)	0.00 (0.18)	0.00 (0.15)	0.00 (0.19)	0.00 (0.21)
Sex	0.02 (0.04)	-0.08 (0.05)	0.02 (0.04)	0.04 (0.05)	0.02 (0.06)
Age	0.06 (0.00)	-0.05 (0.00)	0.07 (0.00)	0.11 (0.00)	0.11 (0.00)
Education level (recoded)	-0.21 (0.04)	-0.09 (0.04)	-0.13 (0.03)	-0.12 (0.04)	-0.05 (0.04)
Scale of incomes	-0.17 (0.01)	-0.16 (0.01)	-0.02 (0.01)	0.05 (0.01)	-0.04 (0.01)
Settlement size	-0.12 (0.01)	-0.05 (0.01)	-0.06 (0.01)	-0.06 (0.01)	0.01 (0.02)
Ethnic group	-0.03 (0.05)	0.05 (0.06)	-0.01 (0.04)	-0.03 (0.05)	-0.09 (0.06)
Post-Materialist index 12-item	-0.10 (0.02)	-0.13 (0.02)	-0.03 (0.02)	-0.09 (0.02)	-0.17 (0.03)
Interest in politics	-0.08 (0.02)	-0.08 (0.03)	-0.04 (0.02)	-0.02 (0.03)	-0.09 (0.03)
PT: PT	-0.10 (0.06)	-0.08 (0.06)	0.05 (0.04)	-0.04 (0.07)	-0.03 (0.07)
Self positioning in political scale	0.08 (0.01)	0.08 (0.01)	0.09 (0.01)	0.05 (0.01)	0.10 (0.01)
Sem_Religiao	-0.27 (0.08)	-0.33 (0.09)	-0.33 (0.07)	-0.38 (0.08)	-0.38 (0.08)
Catolico	-0.08 (0.05)	-0.10 (0.07)	-0.15 (0.05)	-0.14 (0.06)	-0.09 (0.06)
Observations	1253	878	1112	805	684
R <sup>2</sup> / R <sup>2</sup> adjusted	0.313 / 0.307	0.212 / 0.201	0.159 / 0.149	0.189 / 0.177	0.251 / 0.238

Fonte: WVS

## Apêndice VII

Apresentamos a seguir testes de robustez, inicialmente no apêndice VII vamos apresentar resultados da análise fatorial confirmatória. No apêndice VIII será a vez da técnica de teoria de resposta ao item.

## VARIÁVEIS UTILIZADAS:

F120 ABORTO  
E018 MAIS RESPEITO POR AUTORIDADES  
F063 IMPORTANCIA DE DEUS  
G006 ORGULHO DA NACIONALIDADE  
E034 PROGRESSISTA VS CONSERVADOR  
E035 EQUIDADE DE RENDA  
E036 EMPRESAS PRIVADAS VS PÚBLICAS

1991

TESTE **DEMOCRACIA-AUTORITARISMO** (FUNDAMENTALISTA-RELIGIOSO)

TESTE 2 ECONOMIA

Latent Variables:						
	Estimate	Std.Err	z-value	P(> z )	Std.lv	Std.all
teste =~						
F120	1.000				1.015	0.431
E018	-0.233	0.032	-7.200	0.000	-0.237	-0.408
F063	-0.514	0.077	-6.695	0.000	-0.522	-0.334
G006	-0.333	0.047	-7.092	0.000	-0.338	-0.386
E034	-0.171	0.025	-6.731	0.000	-0.174	-0.338
teste2 =~						
E035	1.000				0.474	0.145
E034	0.154	0.226	0.681	0.496	0.073	0.142
E036	1.122	1.750	0.641	0.521	0.532	0.163

AJUSTE

```
> fitmeasures(testeh1.1.1.1, c("chisq", "df", "pvalue", "cfi", "tli", "rmsea", "SRMR"))  
chisq  df pvalue  cfi  tli  rmsea  srmr  
51.532 13.000 0.000 0.875 0.798 0.043 0.033  
>
```

1997

TESTE **DEMOCRACIA-AUTORITARISMO** (**FUNDAMENTALISTA-RELIGIOSO**)

TESTE 2 ECONOMIA

Latent Variables:						
	Estimate	Std.Err	z-value	P(> z )	Std.lv	Std.all
teste =~						
F120	1.000				0.968	0.442
E018	-0.126	0.036	-3.489	0.000	-0.122	-0.236
F063	-0.639	0.179	-3.572	0.000	-0.619	-0.430
G006	-0.172	0.053	-3.234	0.001	-0.167	-0.206
E034	-0.064	0.034	-1.845	0.065	-0.062	-0.098
teste2 =~						
E035	1.000				0.718	0.210
E034	0.276	0.256	1.079	0.280	0.198	0.317
E036	0.811	0.556	1.460	0.144	0.583	0.182

AJUSTE

```
> fitmeasures(testeh1.1.1.2, c("chisq", "df", "pvalue", "cfi", "tli", "rmsea", "SRMR"))  
chisq  df pvalue  cfi  tli  rmsea  srmr  
18.985 13.000 0.124 0.930 0.888 0.021 0.025  
>
```

2006

TESTE DEMOCRACIA-AUTORITARISMO (FUNDAMENTALISTA-RELIGIOSO)

TESTE 2 ECONOMIA

Latent Variables:						
	Estimate	Std.Err	z-value	P(> z )	Std.lv	Std.all
teste =~						
F120	1.000				0.891	0.377
E018	-0.117	NA			-0.104	-0.198
F063	-0.727	NA			-0.648	-0.511
G006	-0.162	NA			-0.144	-0.172
teste2 =~						
E035	1.000				0.998	0.321
E036	1.190	NA			1.188	0.393

AJUSTE

```
> fitmeasures(testeh1.1.1.3, c("chisq", "df", "pvalue", "cfi", "tli", "rmsea", "SRMR"))
chisq  df pvalue  cfi  tli  rmsea  srmr
19.790 9.000 0.019 0.908 0.846 0.029 0.028
> |
```

2014

TESTE DEMOCRACIA-AUTORITARISMO (FUNDAMENTALISTA-RELIGIOSO)

TESTE 2 ECONOMIA

Latent Variables:						
	Estimate	Std.Err	z-value	P(> z )	Std.lv	Std.all
teste =~						
F120	1.000				0.955	0.391
E018	-0.189	NA			-0.181	-0.314
F063	-0.852	NA			-0.813	-0.564
G006	-0.208	NA			-0.198	-0.231
teste2 =~						
E035	1.000				0.865	0.253
E036	0.931	NA			0.805	0.240

AJUSTE

```
> fitmeasures(testeh1.1.1.4, c("chisq", "df", "pvalue", "cfi", "tli", "rmsea", "SRMR"))
chisq  df pvalue  cfi  tli  rmsea  srmr
17.409 9.000 0.043 0.948 0.914 0.026 0.026
> |
```

2018

TESTE DEMOCRACIA-AUTORITARISMO (FUNDAMENTALISTA-RELIGIOSO)

TESTE 2 ECONOMIA

Latent Variables:						
	Estimate	Std.Err	z-value	P(> z )	Std.lv	Std.all
teste =~						
F120	1.000				1.448	0.572
E018	-0.095	0.016	-5.824	0.000	-0.138	-0.238
F063	-0.843	0.113	-7.448	0.000	-1.221	-0.588
G006	-0.191	0.028	-6.825	0.000	-0.276	-0.296
E034	-0.067	0.016	-4.298	0.000	-0.097	-0.165
teste2 =~						
E035	1.000				0.519	0.150
E036	3.807	57.356	0.066	0.947	1.977	0.599
E034	-0.013	0.050	-0.267	0.789	-0.007	-0.012

## AJUSTE

```
> fitmeasures(testeh1.1.1.5, c("chisq", "df", "pvalue", "cfi", "tli", "rmsea", "SRMR"))
chisq df pvalue cfi tli rmsea srmr
47.228 13.000 0.000 0.898 0.835 0.043 0.035
> |
```

A divisão econômica, assim como na análise exploratória e na teoria de resposta ao item segue não sendo encontrada.- e tem essa mudança, como descrita por Moreno(2019), de democracia-autoritarismo para fundamentalismo-religioso

Nota-se que em 1991 o primeiro fator se relaciona com as variáveis E018, G006 e E034, que são as variáveis de autoritarismo e conservadorismo. Mas a partir de 1997 não, mesmo que o p seja significativo, a única com carga fatorial > 0.4 junto com F120 (aborto) é F063 (importância de Deus)

Os ajustes são melhores com dois em 4 ondas, no entanto ocorre a subdivisão do fator fundamentalismo (Moreno, 2019). Questões diferentes das dimensões do fundamentalismo, como utilizado em nosso trabalho, nunca fatoraram sozinhas, criando outros fatores independentes.

Também, como outro teste de robustez, rodamos testes de teoria de resposta ao item (TRI) e os dados indicam a mesma conformação de variáveis fatorando juntas que apresentamos no que se segue. Rodamos os mesmos modelos apresentados nesse trabalho com os scores da TRI e chegamos a resultados iguais aos das nossas regressões. Ver-se-á esses dados no apêndice VIII.

## Apêndice VIII

Replicamos os mesmos testes da análise fatorial exploratória utilizando Teoria de Resposta ao Item (TRI).

1991 com um fator e com dois fatores:

1 factor

	F1	h2
B006	0.379	0.14347
C001		0.03040
C002		0.00494
E018	0.513	0.26291
E034	0.374	0.14002
E035		0.00505
E036		0.02891
E039		0.00212
F028	0.434	0.18864
F034	0.489	0.23923
F063	0.499	0.24870
F116		0.08237
F118	-0.567	0.32148
F120	-0.688	0.47393
F121	-0.579	0.33539
F141	-0.628	0.39414
G006	0.384	0.14769

Sample size after row-wise response data removal: 1533

	M2	df	p	RMSEA	RMSEA_5	RMSEA_95	SRMSR
stats	144.1979	32	3.330669e-16	0.04783966	0.04004265	0.05589938	0.05370156
	TLI	CFI					
stats	0.8758739	0.9189381					

2 factors

	F1	F2	h2
B006	-0.374	0.1479	
C001		0.0424	
C002		0.0121	
E018	-0.341	0.2496	
E034		0.1402	
E035		0.0139	
E036		0.0484	
E039		0.0648	
F028	0.336	0.2221	
F034	0.718	0.4901	
F063	0.695	0.4851	
F116	-0.311	0.1184	
F118		0.657	0.4075
F120		0.655	0.5107
F121		0.707	0.4564
F141	-0.355	0.377	0.3907
G006	0.381		0.1971

Sample size after row-wise response data removal: 1533

	M2	df	p	RMSEA	RMSEA_5	RMSEA_95	SRMSR	TLI	CFI
stats	55.07405	16	3.457842e-06	0.03992591	0.02869058	0.05169567	0.04163977	0.9135437	0.9717694

1997 com um e com doisfatores:

1 factor

	F1	h2
B008		0.005506
C001	0.316	0.100036
C002		0.014244
E018	-0.334	0.111626
E034		0.005184
E035		0.000295
E036		0.011236
E039		0.002921
F028	-0.318	0.101339
F034		0.074695
F063	-0.430	0.184673
F116		0.012969
F118	0.641	0.411163
F120	0.811	0.657461
F121	0.649	0.421163
G006		0.035255

```
> M2(TRI97,na.rm=T)
Sample size after row-wise response data removal: 1016
stats 96.26833 29 3.834257e-09 0.047805 0.03741297 0.05851954 0.05243338
TLI CFI
0.822103 0.8853552
```

2 factors

	F1	F2	h2
B008			0.01955
C001	0.318		0.10287
C002			0.01462
E018			0.12102
E034			0.00853
E035			0.00296
E036			0.01220
E039			0.01216
F028	0.548		0.35016
F034	0.852		0.70180
F063	0.483		0.34176
F116			0.02655
F118	0.725		0.49337
F120	0.761		0.63600
F121	0.669		0.44426
G006			0.03713

```
> M2(TRI97.2,na.rm=T)
Sample size after row-wise response data removal: 1016
stats 24.47037 14 0.04017052 0.02714463 0.00573609 0.04459789 0.0358238 0.9426425 0.9821555
TLI CFI
0.822103 0.8853552
```

2006 com um fator:

	F1	h2
B008		3.03e-03
C001		2.07e-02
C002		8.46e-04
E018		6.75e-02
E035		3.44e-05
E036		8.25e-03
E039		3.69e-03
F028	-0.405	1.64e-01
F034	-0.529	2.79e-01
F063	-0.551	3.04e-01
F116		1.76e-02
F118	0.565	3.20e-01
F120	0.601	3.62e-01
F121	0.500	2.50e-01
G006		1.82e-02

```
M2 df p RMSEA RMSEA_5 RMSEA_95
stats 43.88017 14 6.188792e-05 0.0407704 0.02748049 0.05467846
SRMSR TLI CFI
0.05133424 0.8800984 0.9421165
```

Na onda de 2006, quando rodado com 2 fatores, passou de 500 iterações. Não sendo adequado seu uso segundo a literatura (Liu e Chalmers, 2018).

Os ajustes são melhores com dois **em algumas ondas**, no entanto ocorre a subdivisão do fator fundamentalismo (Moreno, 2019). Questões diferentes das dimensões do fundamentalismo, como utilizado em nosso trabalho nunca fatoraram sozinhas, criando outros fatores independentes

## Onda de 2014 com um e dois fatores:

	F1	h2		F1	F2	h2
B008	7.59e-03		B008		0.026574	
C001	9.17e-06		C001	-0.318		0.141411
C002	5.13e-03		C002		0.027559	
E018	-0.370	1.37e-01	E018	0.360		0.148258
E035	5.76e-04		E035		0.004479	
E036	1.28e-03		E036		0.000609	
E039	8.71e-03		E039		0.029067	
F028	-0.461	2.12e-01	F028		0.188198	
F034	-0.482	2.33e-01	F034	0.510	0.275942	
F063	-0.670	4.50e-01	F063	0.846	0.695952	
F116	0.354	1.26e-01	F116	-0.390	0.160852	
F118	0.464	2.16e-01	F118	0.675	0.468329	
F120	0.656	4.30e-01	F120	-0.455	0.380	0.438571
F121	0.413	1.70e-01	F121	0.699	0.472246	
G006	2.32e-02		G006		0.065948	

> M2(TRI2014,na.rm=T)						
Sample size after row-wise response data removal: 1158						
stats	M2	df	p	RMSEA	RMSEA_5	RMSEA_95
	33.31748	14	0.002592201	0.03453381	0.01947255	0.04978161
						0.05857229
				TLI	CFI	
				0.9279469	0.9652157	

> M2(TRI2014.2,na.rm=T)						
Sample size after row-wise response data removal: 1158						
Error: M2() statistic cannot be calculated due to too few degrees of freedom						

Não foi possível verificar as medidas de ajustes na onda de 2014 com 2 fatores, pelos motivos relatados na imagem acima apresentada.

## Onda de 2018 com um e dois fatores:

	F1	h2		F1	F2	h2
B008	2.06e-03		B008		0.05464	
C001	3.62e-04		C001		0.09835	
C002	1.97e-04		C002		0.00528	
E018	8.62e-02		E018	0.330		0.10446
E034	1.92e-02		E034		0.01995	
E035	5.64e-03		E035		0.00654	
E036	5.33e-05		E036		0.01153	
E039	4.29e-03		E039		0.03936	
F028	0.530	2.81e-01	F028	0.396	0.26581	
F034	0.635	4.03e-01	F034	0.666	0.44887	
F063	0.726	5.27e-01	F063	0.844	0.67934	
F116	-0.340	1.16e-01	F116	-0.349	0.12911	
F118	-0.447	2.00e-01	F118		0.673	0.47724
F120	-0.692	4.78e-01	F120	-0.505	0.353	0.49604
F121	-0.413	1.71e-01	F121	0.761	0.56197	
F144_02		8.53e-02	F144_02		0.08239	
G006		9.57e-02	G006	0.341	0.11685	

Sample size after row-wise response data removal: 1065						
stats	M2	df	p	RMSEA	RMSEA_5	RMSEA_95
	142.1932	34	3.441691e-15	0.0546877	0.04554049	0.06411507
	SRMSR	TLI	CFI			
	0.06160205	0.8507012	0.9004675			

Rotated factor loadings:						
	F1	F2	h2			
B008			0.05464			
C001			0.09835			
C002			0.00528			
E018	0.330		0.10446			
E034			0.01995			
E035			0.00654			
E036			0.01153			
E039			0.03936			
F028	0.396		0.26581			
F034	0.666		0.44887			
F063	0.844		0.67934			
F116	-0.349		0.12911			
F118		0.673	0.47724			
F120	-0.505	0.353	0.49604			
F121	0.761		0.56197			
F144_02			0.08239			
G006	0.341		0.11685			

Sample size after row-wise response data removal: 1065						
stats	M2	df	p	RMSEA	RMSEA_5	RMSEA_95
	40.05319	18	0.00205273	0.0339335	0.01972156	0.04810991
						0.04749185
						0.9425177
						0.9797121

Nota-se como os resultados se assemelham em todos os sentidos aos nossos achados com scores das análises fatoriais. **Abaixo os modelos de regressão com scores gerados a partir da TRI. Comparando com os modelos apresentados no trabalho, os dados indicam a mesma direção:**



Modelos de regressão com scores de TRI com um fator:

	1991	1997	2006	2014	2018
	mirt	mirt	mirt	mirt	mirt
<i>Predictors</i>	<i>Estimates</i>	<i>Estimates</i>	<i>Estimates</i>	<i>Estimates</i>	<i>Estimates</i>
(Intercept)	0.73 *** (0.13)	0.53 *** (0.15)	-0.08 (0.13)	-0.03 (0.15)	-0.23 (0.17)
SEX [FEM]	0.04 (0.04)	-0.11 * (0.05)	0.04 (0.04)	0.09 (0.05)	0.06 (0.05)
AGE	0.01 ** (0.00)	-0.00 (0.00)	0.01 *** (0.00)	0.01 *** (0.00)	0.01 *** (0.00)
Education Level [2]	-0.26 *** (0.05)	-0.10 (0.06)	-0.04 (0.05)	0.02 (0.06)	0.00 (0.06)
Education Level [3]	-0.58 *** (0.07)	-0.17 (0.10)	-0.40 *** (0.07)	-0.19 ** (0.07)	-0.30 *** (0.08)
Scale of Incomes	-0.06 *** (0.01)	-0.07 *** (0.01)	-0.01 (0.01)	0.00 (0.01)	-0.01 (0.01)
Settlement size	-0.06 *** (0.01)	-0.02 (0.01)	-0.01 (0.01)	-0.04 ** (0.01)	0.01 (0.02)
Ethnic Group	-0.05 (0.05)	0.13 * (0.06)	0.03 (0.04)	-0.10 * (0.05)	-0.18 *** (0.05)
PostMaterialistIndex	-0.08 *** (0.02)	-0.08 *** (0.02)	-0.05 * (0.02)	-0.11 *** (0.02)	-0.08 *** (0.02)
Interest in Politics	-0.06 ** (0.02)	-0.05 * (0.03)	-0.04 (0.02)	0.00 (0.02)	-0.03 (0.03)
PT [PT]	-0.25 *** (0.06)	-0.17 ** (0.06)	0.01 (0.04)	-0.10 (0.06)	-0.05 (0.06)
Ideology	0.03 *** (0.01)	0.03 *** (0.01)	0.03 *** (0.01)	0.02 * (0.01)	0.03 ** (0.01)
Observations	1373	946	1260	932	900
R <sup>2</sup> / R <sup>2</sup> adjusted	0.259 / 0.253	0.127 / 0.116	0.093 / 0.085	0.116 / 0.106	0.134 / 0.123

\* $p < 0.05$  \*\* $p < 0.01$  \*\*\* $p < 0.001$

## APÊNDICE IX – Correlação ETA

Segundo ideia apresentada em Dalton (2018, p.55, table 3.1) apresentamos a correlação ETA como testes de hipóteses das figuras 1,2,3 e 4.

**Tabela IX.1 Correlação ETA entre factor scores de fundamentalismo e variáveis apresentadas nas figuras 1,2,3 e 4**

Preditor	1991	1997	2006	2014	2018
Índice de Pós-Materialismo	0.07	0.05	0.01	0.03	0.07
Ter o PT como partido preferido	0.03	0.02	0.00	0.00	0.00
Ideologia recodificada em 3 categorias	0.05	0.02	0.02	0.01	0.01

G�nero	0.00	0.00	0.00	0.01	0.00
--------	------	------	------	------	------