

Prevalência de fumantes homens ajustada para os países membros da OMS

The REG Procedure

Model: MODEL1

Dependent Variable:

PREV_Curr_Male

Number of Observations Read	35
Number of Observations Used	13
Number of Observations with Missing Values	22

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	512.16103	170.72034	9.18	0.0042
Error	9	167.45649	18.60628		
Corrected Total	12	679.61752			

Root MSE	4.31350	R-Square	0.7536
Dependent Mean	31.15293	Adj R-Sq	0.6715
Coeff Var	13.84621		

Parameter Estimates											
Variable	Label	D F	Parameter Estimate	Standard Error	t Value	Pr > |t|	Standardized Estimate	Tolerance	Variance Inflation	95% Confidence Limits	
Intercept	Intercept	1	-15.46687	16.63807	-0.93	0.3768	0	.	0	-53.10481	22.17106
PRICE_USD_PPP	Preço do maço de 20 cigarros do tipo mais vendido, em	1	-3.77842	1.17710	-3.21	0.0107	-0.56031	0.89854	1.11292	-6.44121	-1.11563

Parameter Estimates											
Variable	Label	D F	Parameter Estimate	Standard Error	t Value	Pr > |t|	Standardized Estimate	Tolerance	Variance Inflation	95% Confidence Limits	
	dólares, ajustado para paridade de poder de compra 2006										
Tax_Total	Taxa de imposto como percentual do preço - Total	1	21.1214	5.89954	3.58	0.0059	0.62432	0.90028	1.11076	7.77546	34.46683
LITERACY	Taxa de Alfabetização	1	0.51184	0.17471	2.93	0.0168	0.48551	0.99690	1.00311	0.11663	0.90705

Correlation of Estimates					
Variable	Label	Intercept	PRICE_USD_PPP	Tax_Total	LITERACY
Intercept	Intercept	1.0000	-0.1835	-0.0579	-0.9793
PRICE_USD_PPP	Preço do maço de 20 cigarros do tipo mais vendido, em dólares, ajustado para paridade de poder de compra 2006	-0.1835	1.0000	-0.3155	0.0538
Tax_Total	Taxa de imposto como percentual do preço - Total	-0.0579	-0.3155	1.0000	-0.0308
LITERACY	Taxa de Alfabetização	-0.9793	0.0538	-0.0308	1.0000

Collinearity Diagnostics						
Number	Eigenvalue	Condition Index	Proportion of Variation			
			Intercept	PRICE_USD_PPP	Tax_Total	LITERACY

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Number	Eigenvalue	Condition Index	Proportion of Variation			
			Intercept	PRICE_USD_PPP	Tax_Total	LITERACY
1	3.73536	1.00000	0.00035876	0.00922	0.01242	0.00037479
2	0.15418	4.92211	0.00417	0.01072	0.93356	0.00457
3	0.10778	5.88694	0.00502	0.96491	0.05382	0.00622
4	0.00267	37.38737	0.99046	0.01514	0.00019859	0.98884

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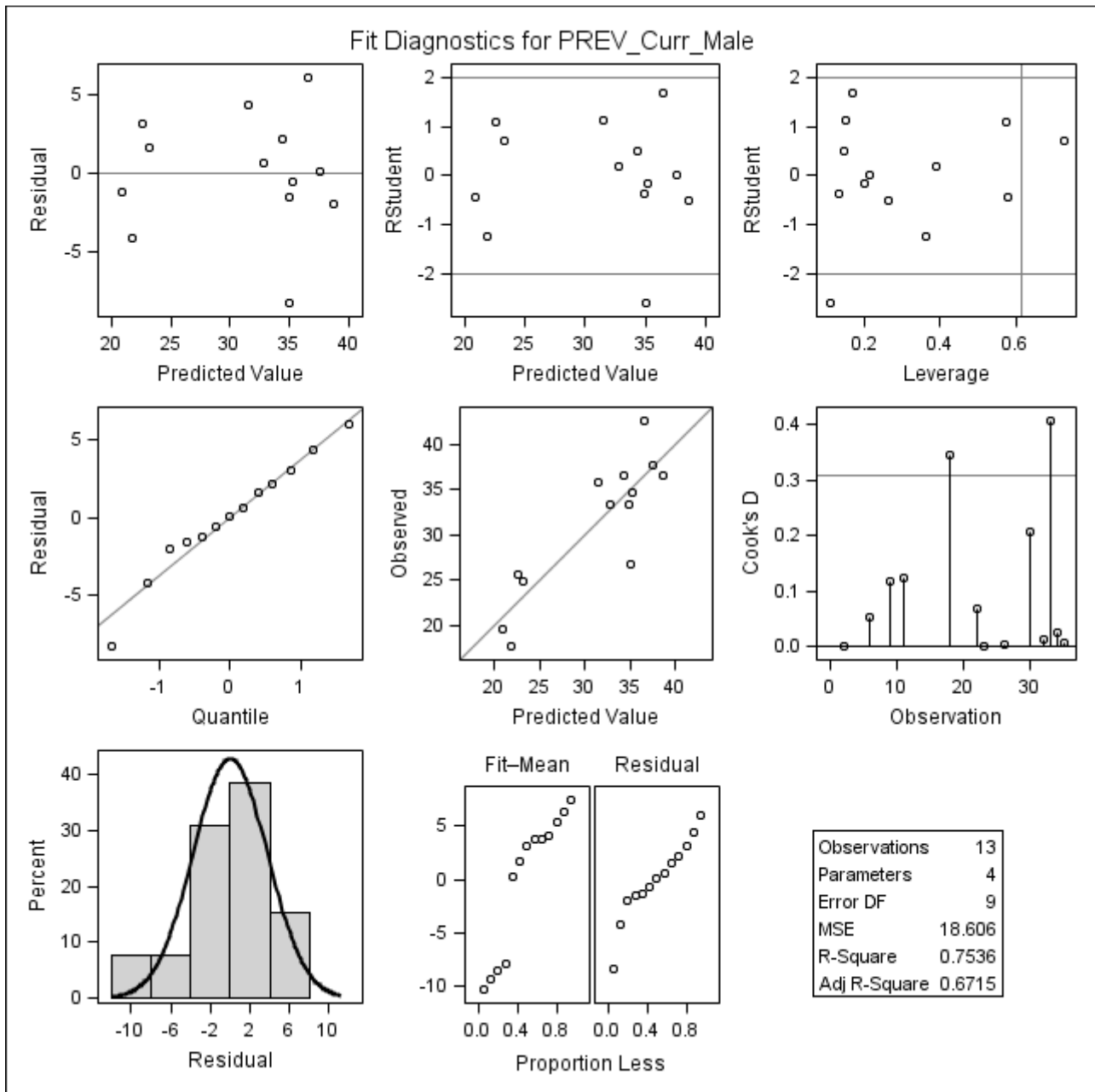
Test of First and Second Moment Specification		
DF	Chi-Square	Pr > ChiSq
9	8.35	0.4990

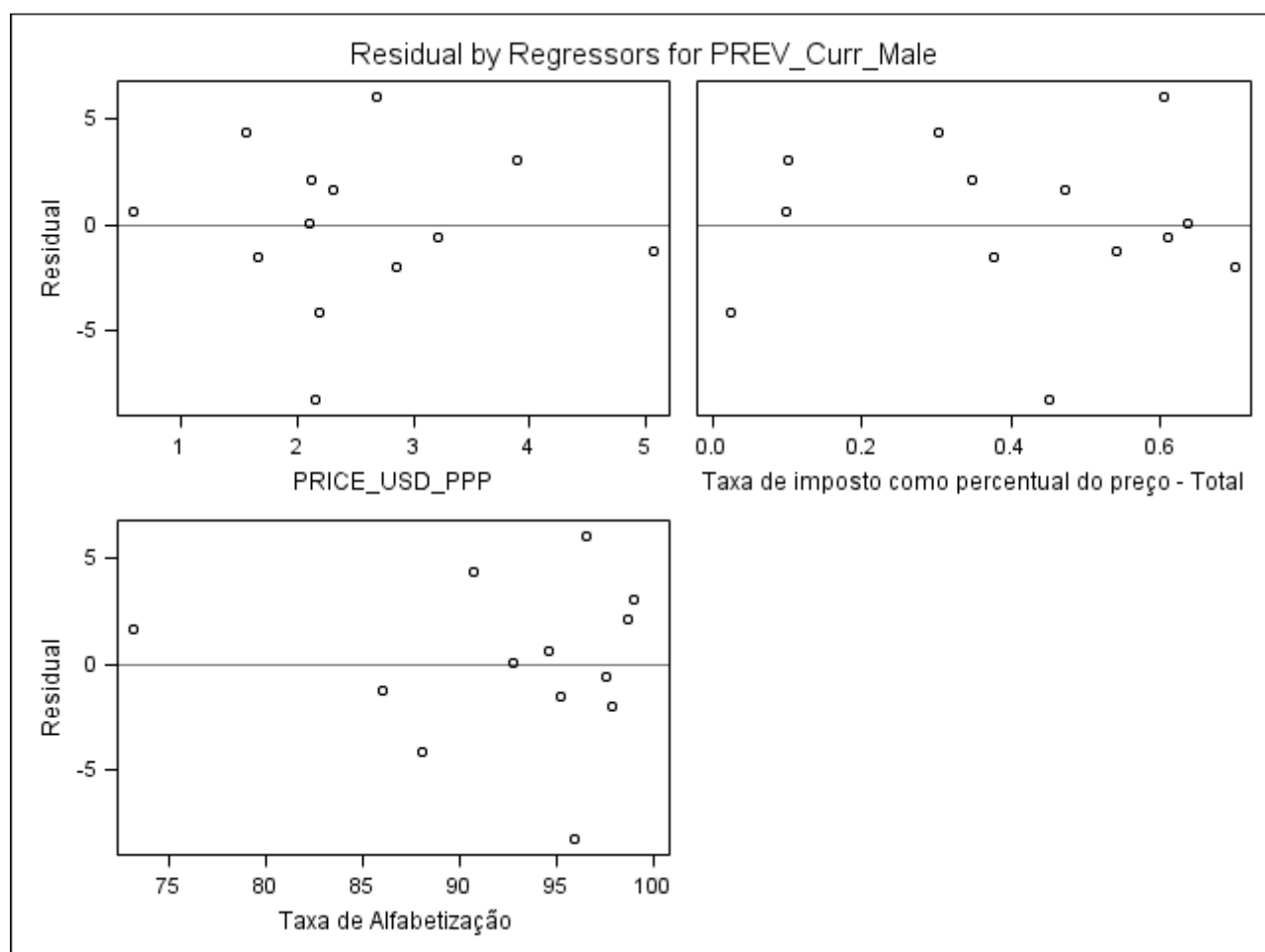
Durbin-Watson D	2.579
Number of Observations	13
1st Order Autocorrelation	-0.298

The REG Procedure

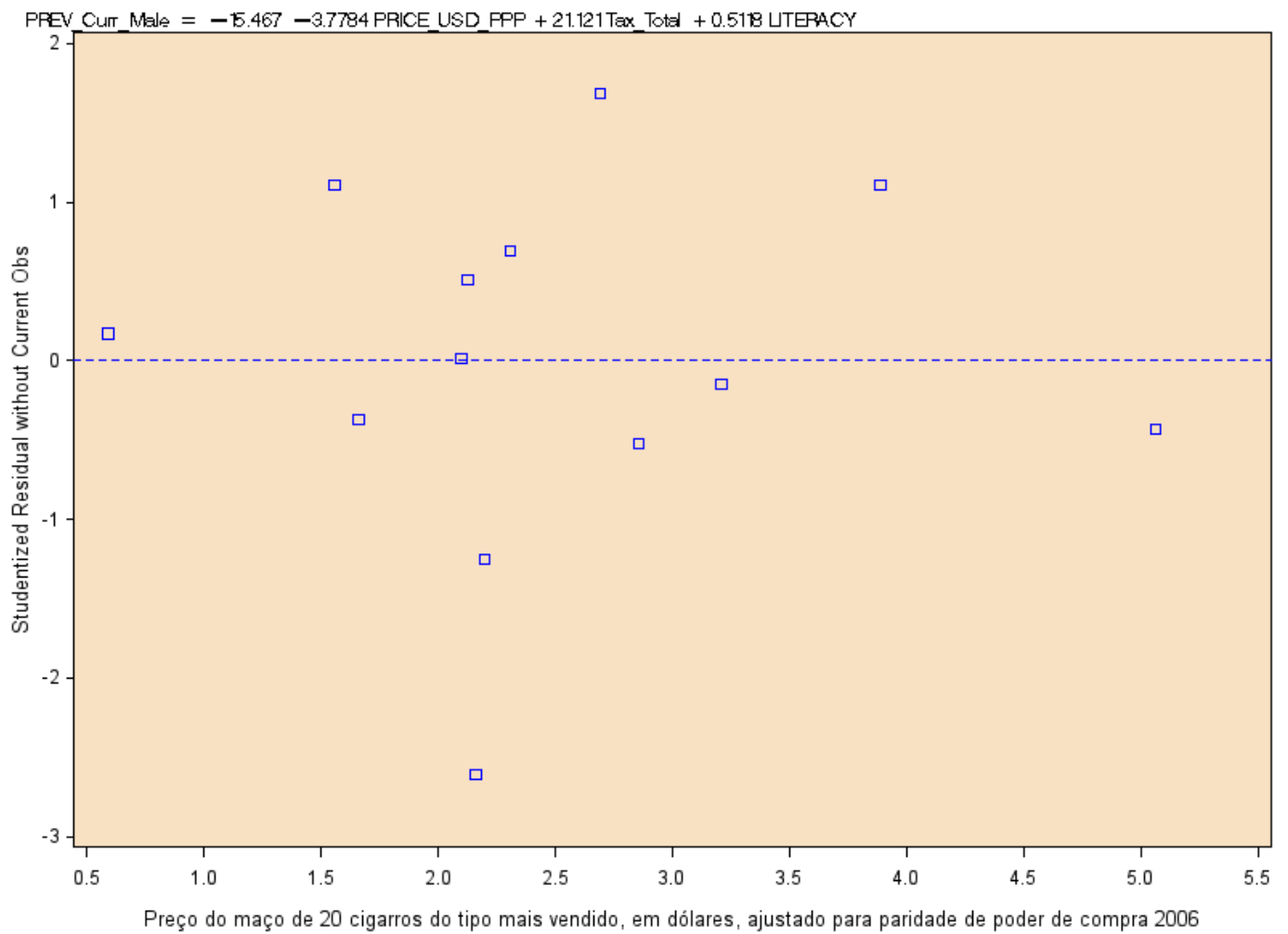
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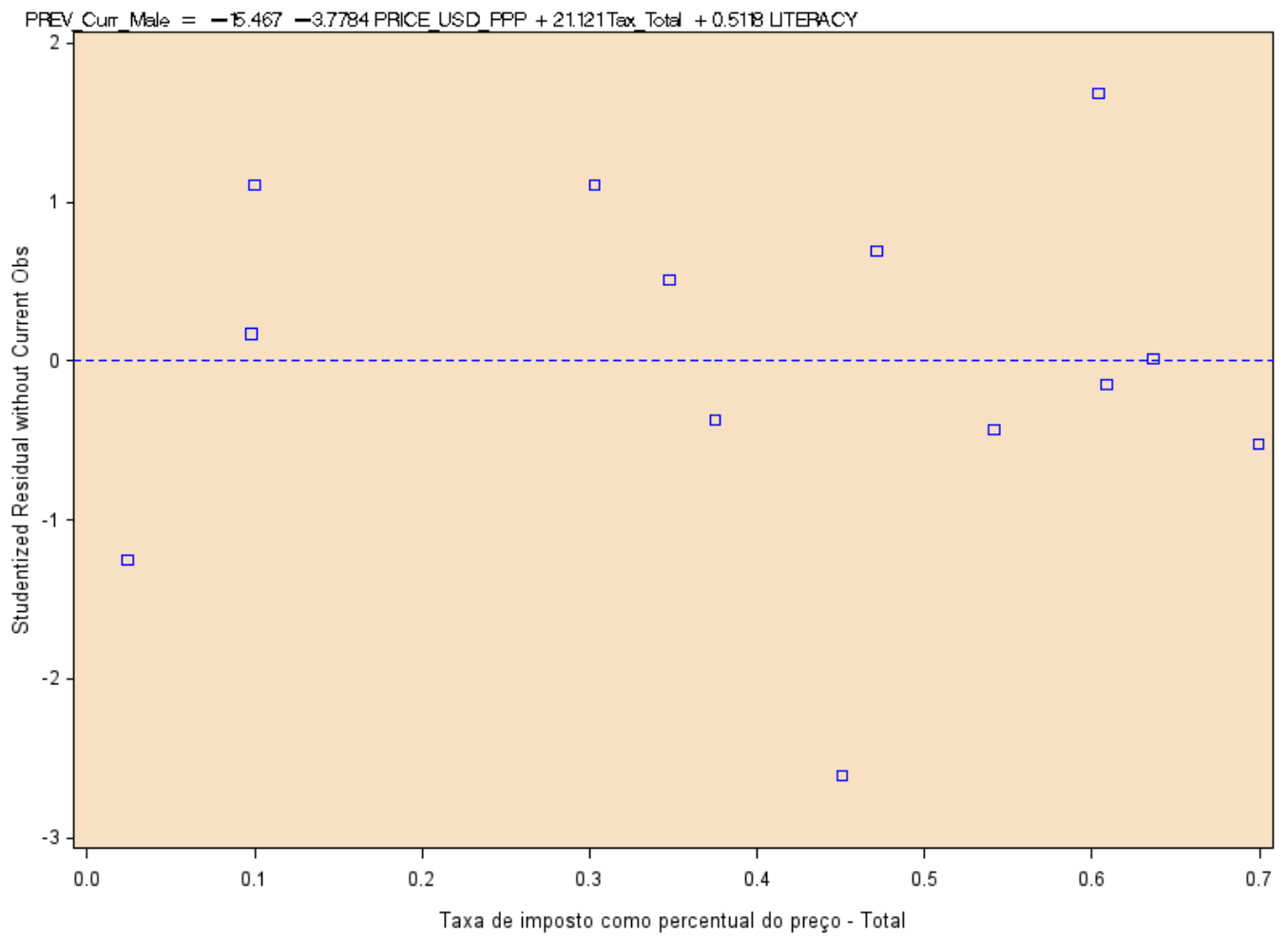




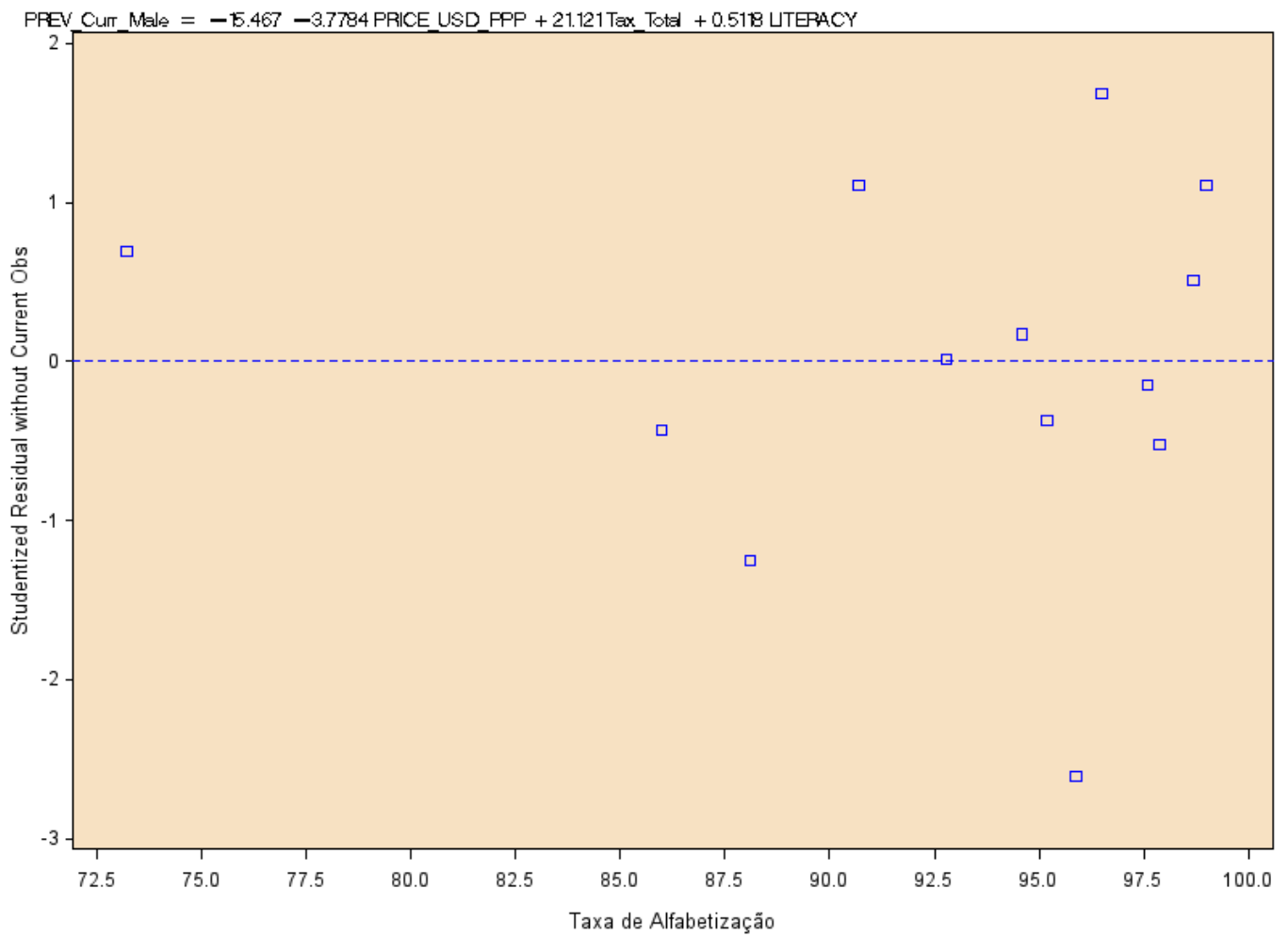
The REG Procedure



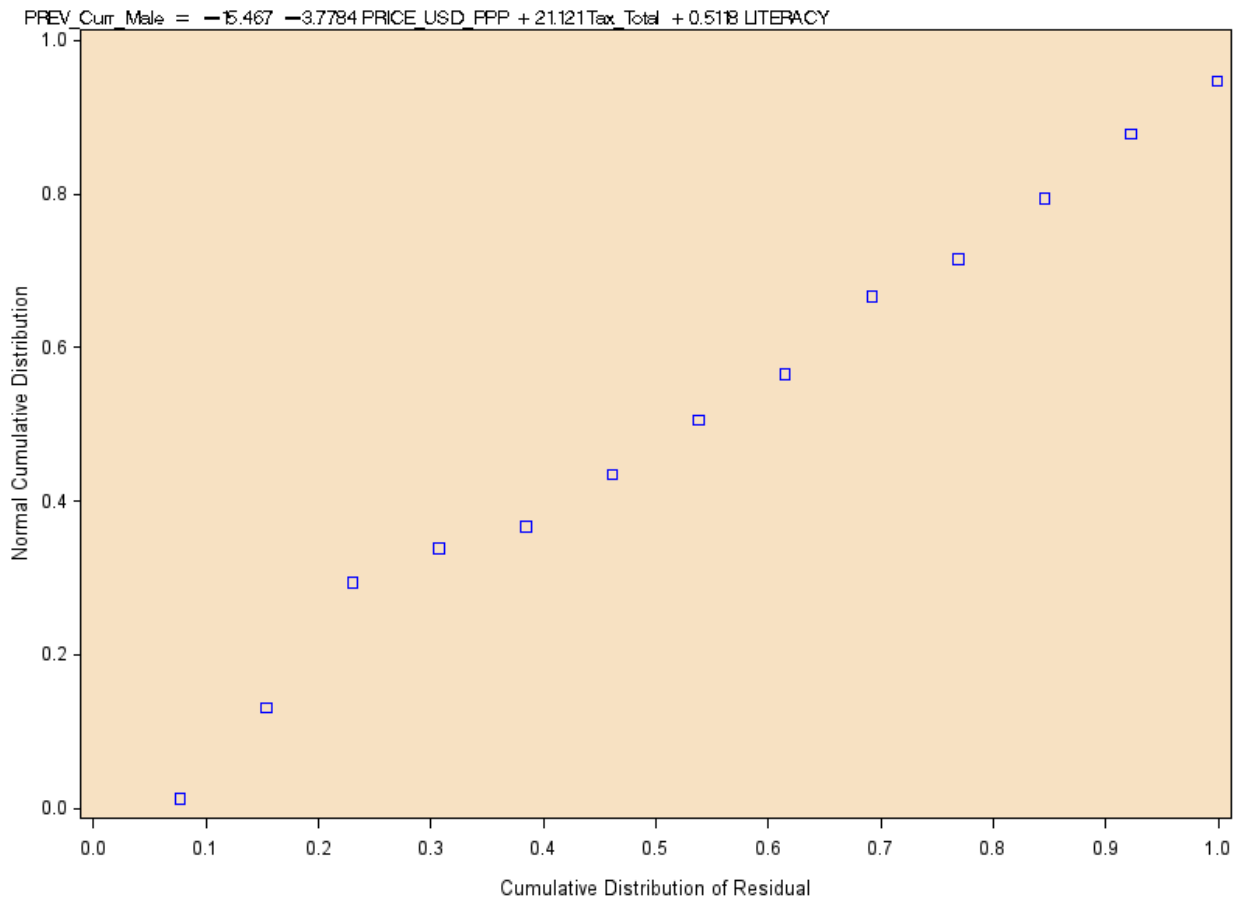
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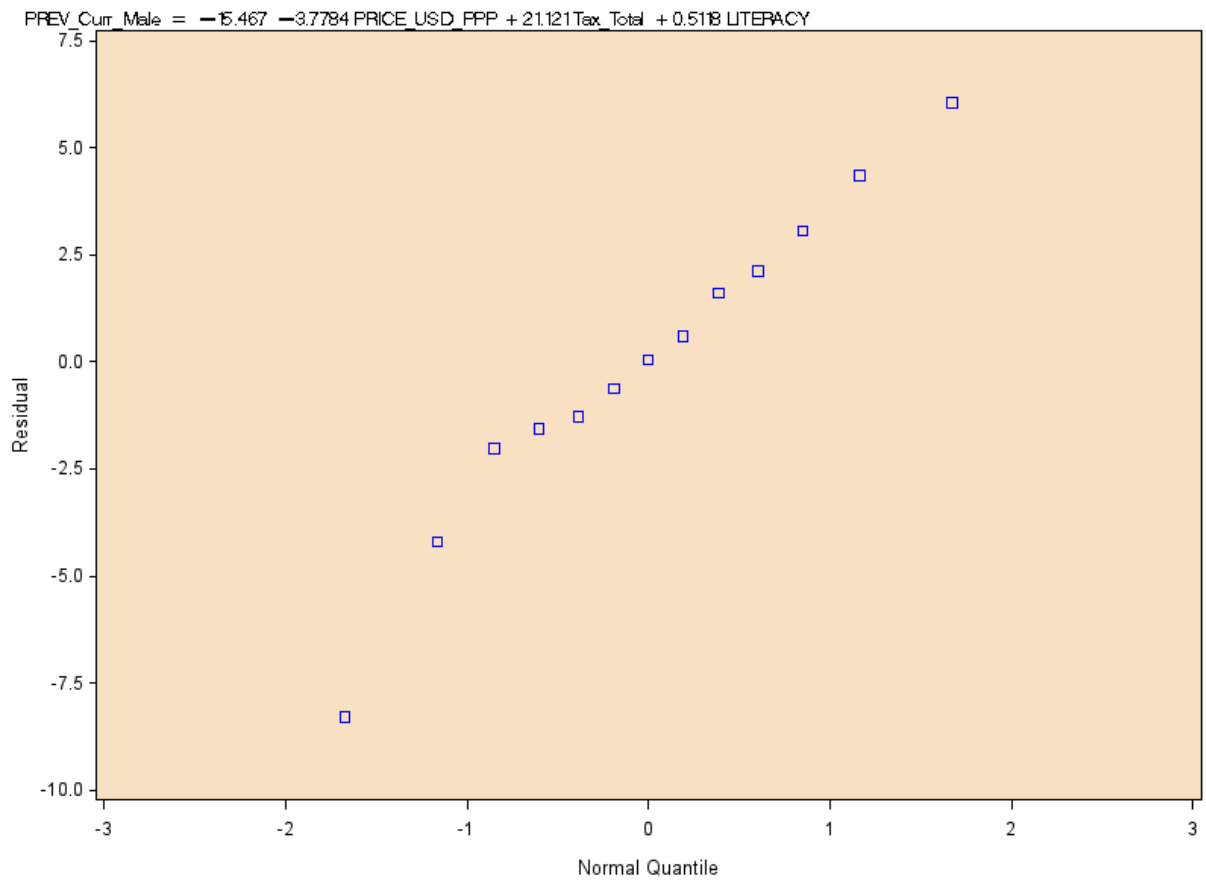
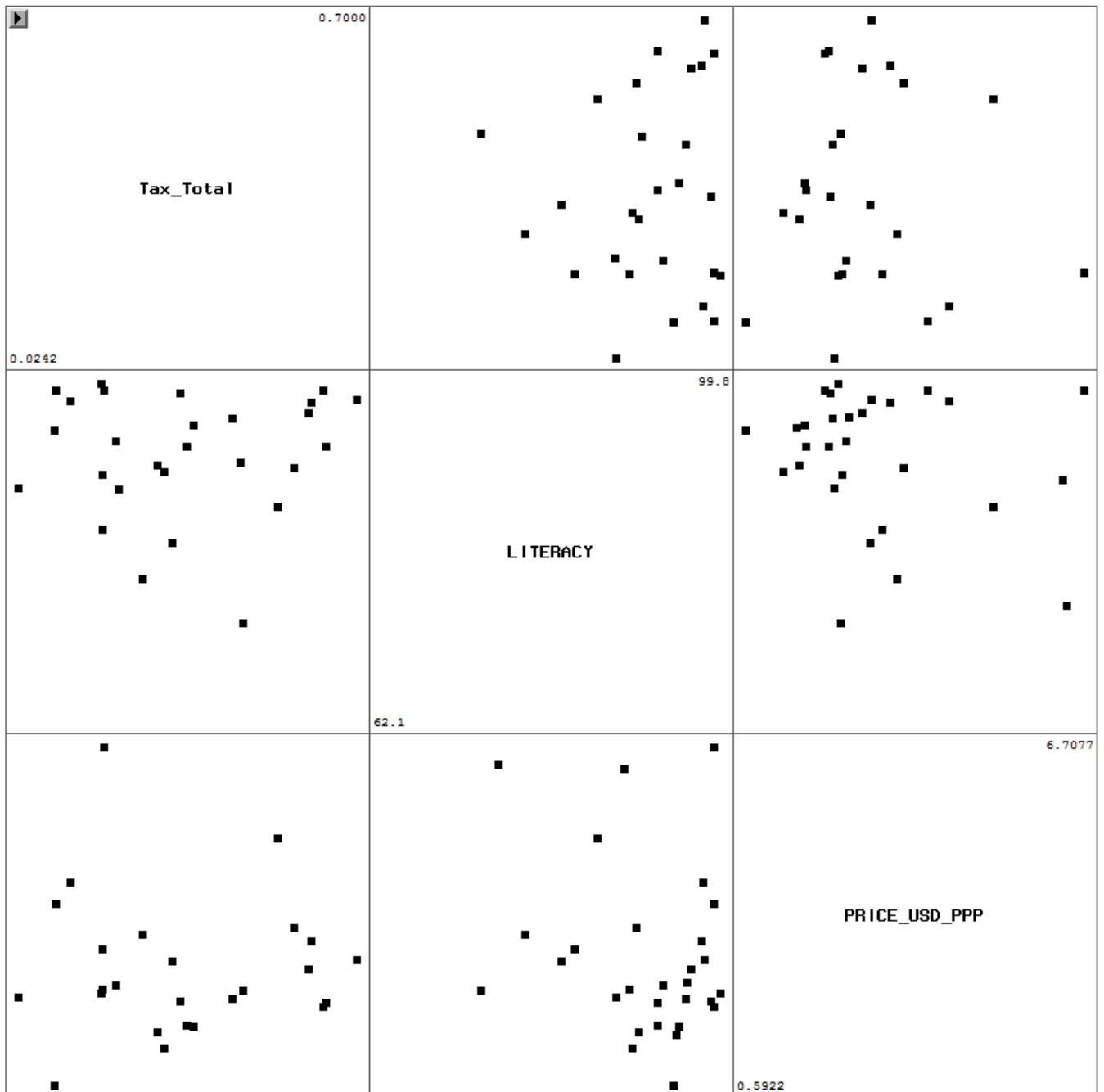


Diagrama de Dispersão das Variáveis Preditoras



ANÁLISE DA INFLUÊNCIA

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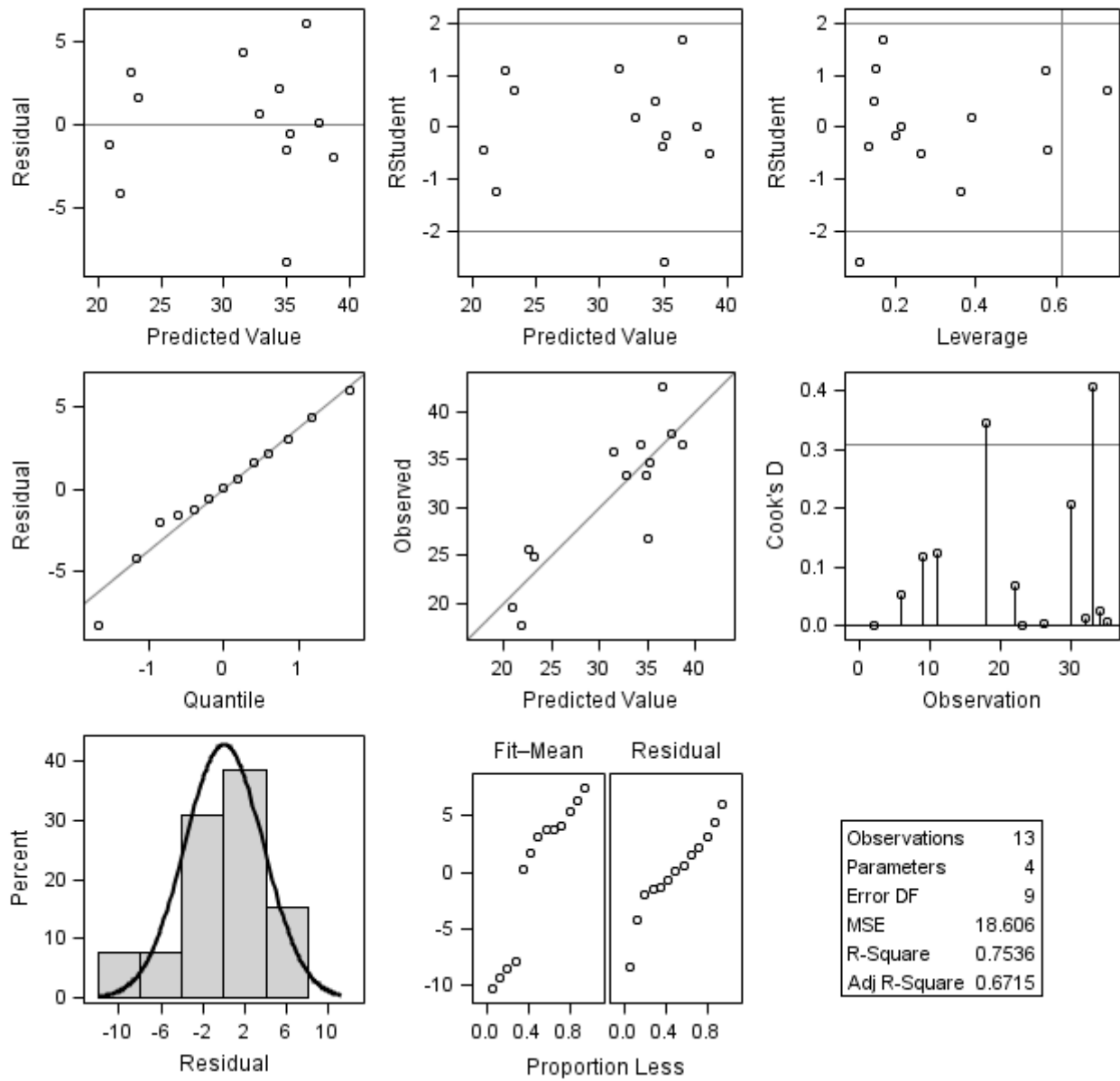
Output Statistics									
Obs	Residual	RStudent	Hat Diag H	Cov Ratio	DFFITS	DFBETAS			
						Intercept	PRICE_USD_PP	Tax_Total	LITERACY
1	.	.	.	.	.	.	.	.	.
2	-0.6069	-0.1483	0.1974	1.9739	-0.0735	0.0369	-0.0195	-0.0350	-0.0326
3	.	.	.	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.
6	4.3679	1.1111	0.1478	1.0586	0.4626	0.1896	-0.2598	-0.0675	-0.1130
7	.	.	0.1908	.	.	.	.	.	.
8	.	.	1.7860	.	.	.	.	.	.
9	6.0600	1.6890	0.1657	0.5669	0.7526	-0.2831	-0.0440	0.4633	0.2681
10	.	.	0.1197	.	.	.	.	.	.
11	-8.2913	-2.6090	0.1070	0.1529	-0.9029	0.2504	0.2864	-0.2432	-0.3295
12	.	.	.	.	.	.	.	.	.
13	.	.	0.2389	.	.	.	.	.	.
14	.	.	.	.	.	.	.	.	.
15	.	.	.	.	.	.	.	.	.
16	.	.	0.2863	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.
18	1.6114	0.6964	0.7287	4.6657	1.1412	1.0705	-0.1631	0.1761	-1.0679
19	.	.	0.2695	.	.	.	.	.	.

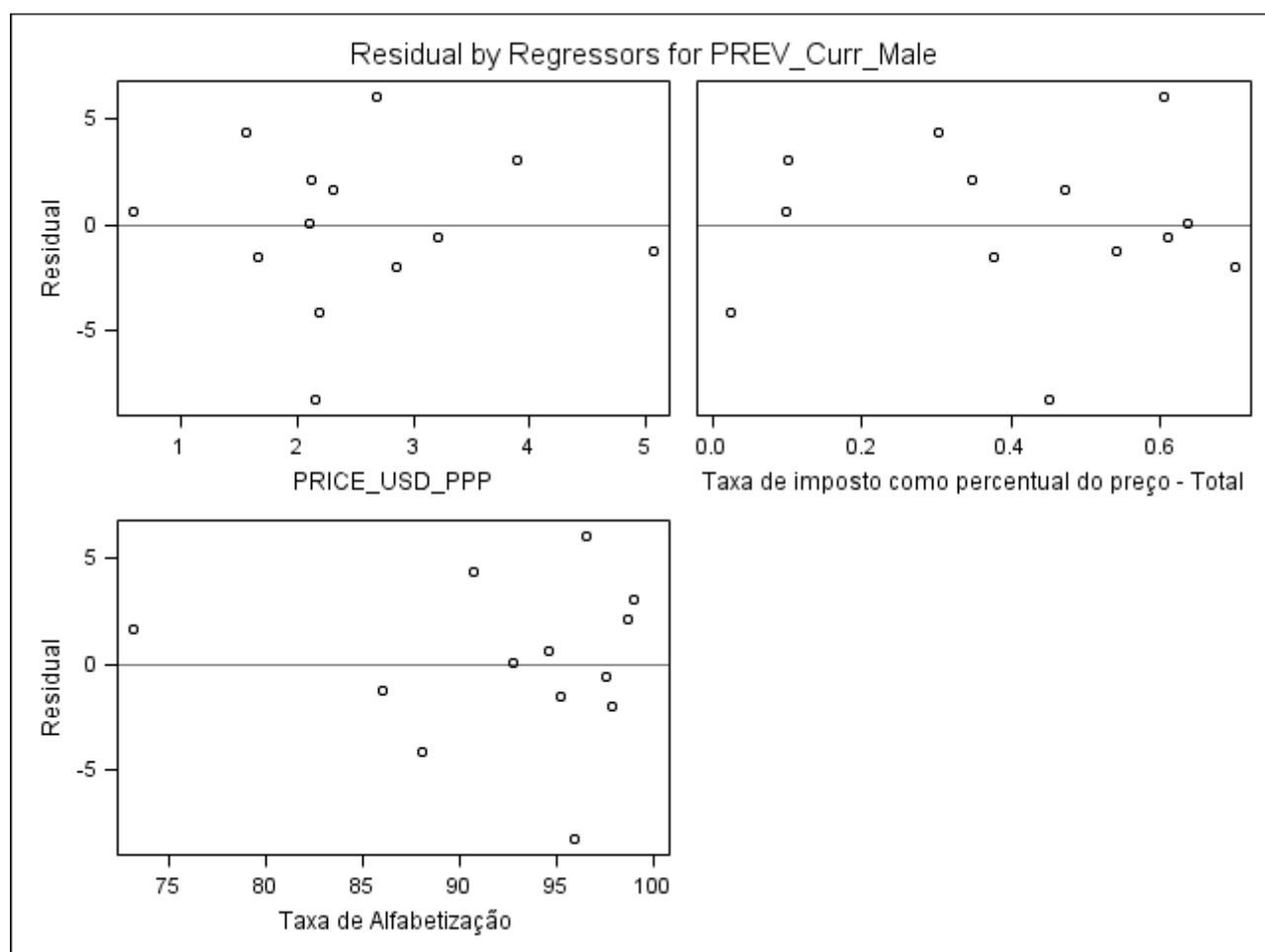
Output Statistics									
Obs	Residual	RStudent	Hat D i a g H	Cov Rati o	DFFIT S	DFBETAS			
						Intercept	PRICE_USD_PP	Tax_Total	LITERACY
20	.	.	.	.	.	.	.	.	.
21	.	.	0.3404	.	.	.	.	.	.
22	-1.2617	-0.4299	0.5790	3.4729	-0.5042	-0.0991	-0.4158	0.0168	0.1609
23	0.0606	0.0149	0.2107	2.0292	0.0077	0.0003	-0.0035	0.0059	-0.0003
24	.	.	0.5245	.	.	.	.	.	.
25	.	.	0.1385	.	.	.	.	.	.
26	0.6161	0.1725	0.3880	2.5789	0.1373	0.0149	-0.0844	-0.0568	0.0129
27	.	.	0.1692	.	.	.	.	.	.
28	.	.	0.6234	.	.	.	.	.	.
29	.	.	.	.	.	.	.	.	.
30	-4.1866	-1.2502	0.3596	1.2250	-0.9369	-0.3916	-0.1148	0.7646	0.2781
31	.	.	0.1675	.	.	.	.	.	.
32	2.1254	0.5102	0.1441	1.6464	0.2093	-0.1058	-0.0345	-0.0296	0.1305
33	3.0735	1.1080	0.5760	2.1341	1.2913	-0.4634	0.8948	-0.9267	0.4850
34	-2.0179	-0.5229	0.2643	1.9035	-0.3135	0.1369	0.0105	-0.2231	-0.1220
35	-1.5505	-0.3668	0.1318	1.7260	-0.1429	0.0125	0.0823	-0.0111	-0.0342

Sum of Residuals	0
Sum of Squared Residuals	167.45649
Predicted Residual SS (PRESS)	323.22798

PRESS / SQE = 1.930221

Fit Diagnostics for PREV_Curr_Male





ANÁLISE DA NORMALIDADE DOS RESÍDUOS

The UNIVARIATE Procedure
Variable: _RESID (Residual)

Moments			
N	401	Sum Weights	401
Mean	-1.1156642	Sum Observations	-447.38134
Std Deviation	4.15841469	Variance	17.2924127
Skewness	0	Kurtosis	-1.2
Uncorrected SS	7416.09245	Corrected SS	6916.9651
Coeff Variation	-372.72996	Std Error Mean	0.20766132

Basic Statistical Measures			
Location		Variability	
Mean	-1.11566	Std Deviation	4.15841
Median	-1.11566	Variance	17.29241
Mode	.	Range	14.35136
		Interquartile Range	7.17568

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	-5.37252	Pr > |t|	<.0001
Sign	M	-31.5	Pr >= |M|	0.0019
Signed Rank	S	-11570.5	Pr >= |S|	<.0001

Tests for Normality				
Test	Statistic		p Value	
Shapiro-Wilk	W	0.954691	Pr < W	<0.0001
Kolmogorov-Smirnov	D	0.058165	Pr > D	<0.0100
Cramer-von Mises	W-Sq	0.605739	Pr > W-Sq	<0.0050
Anderson-Darling	A-Sq	4.425518	Pr > A-Sq	<0.0050

Quantiles (Definition 5)

Quantile	Estimate
100% Max	6.06002
99%	5.91650
95%	5.34245
90%	4.62488
75% Q3	2.47218
50% Median	-1.11566
25% Q1	-4.70351
10%	-6.85621
5%	-7.57378
1%	-8.14783
0% Min	-8.29135

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-8.29135	1	5.91650	397
-8.25547	2	5.95238	398
-8.21959	3	5.98826	399
-8.18371	4	6.02414	400
-8.14783	5	6.06002	401

The UNIVARIATE Procedure
Variable: _RESID (Residual)

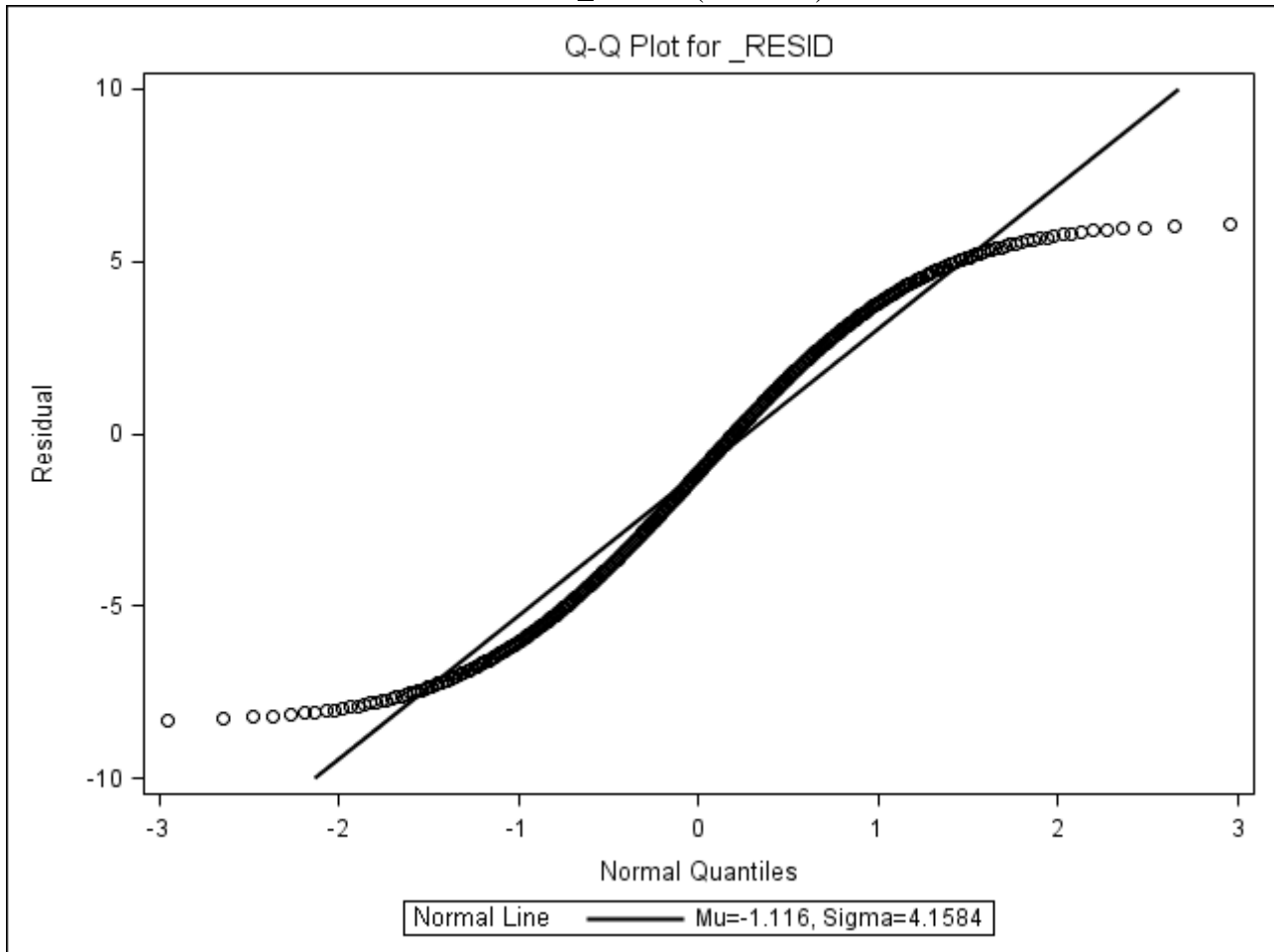


Gráfico de densidade - Normalidade dos Resíduos

