

Cálculo do Chi-quadrado e as frequências absolutas e relativas das espécies avaliadas nas quatro campanhas amostrais

Espécie	Campanha	Proporção Sexual				X ²
		Fêmeas		Machos		
		f absoluta	f relativa	f absoluta	f relativa	
<i>Bryconops cf caudomaculatus</i> – sp 1	1 ^a	5	55,6	4	44,4	0,10
<i>Prochilodus nigricans</i> – sp 2	1 ^a	4	50,0	4	50,0	0,00
<i>Prochilodus nigricans</i> – sp 2	4 ^a	10	100,0	0	0,0	10,00*
<i>Acestrorhynchus falcatus</i> – sp 3	1 ^a	5	83,3	1	16,7	2,70
<i>Hoplias malabaricus</i> – sp 4	2 ^a	5	50,0	5	50,0	0,00
<i>Acestrorhynchus microlepis</i> – sp 5	2 ^a	10	100,0	0	0,0	10,00*
<i>Acestrorhynchus microlepis</i> – sp 5	4 ^a	6	60,0	4	40,0	0,40
<i>Characidium zebra</i> – sp 6 ⁽¹⁾	2 ^a					
<i>Auchenipterichthys coracoideus</i> – sp 7	3 ^a	8	80,0	2	20,0	3,60
<i>Pimelodus blochii</i> – sp 8	3 ^a	7	70,0	3	30,0	1,60
<i>Serrasalmus rhombeus</i> – sp 9	3 ^a	5	50,0	5	50,0	0,00
<i>Serrasalmus rhombeus</i> – sp 9	4 ^a	10	100,0	0	0,0	10,00*

(1) – apenas indivíduos indeterminados - impossível de distinguir o sexo e/ou estádio
X² crítico = 3,84 p/ gL=1

Teste t para significância de fator b

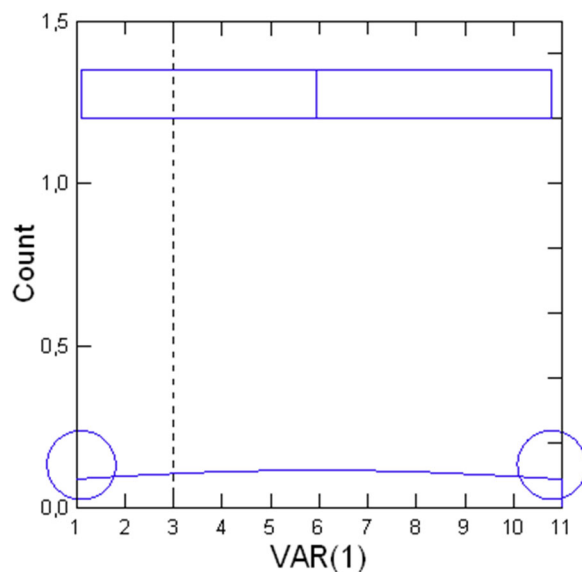
Espécie 1

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 3,00 vs. H1: Mean <> 3,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		t	df	p-Value
				Lower Limit	Upper Limit			
VAR(1)	2,000	5,945	6,852	-55,617	67,507	0,608	1,000	0,652

One-Sample t-Test



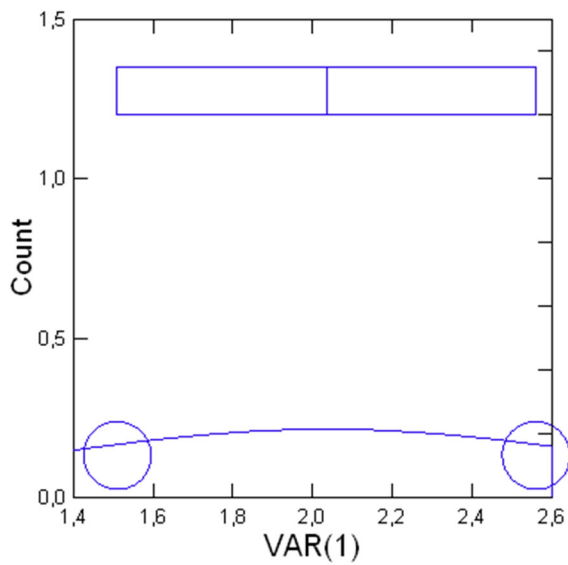
Espécie 2

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 3,00 vs. H1: Mean \neq 3,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		t	df	p-Value
				Lower Limit	Upper Limit			
VAR(1)	2,000	2,035	0,742	-4,636	8,706	-1,838	1,000	0,317

One-Sample t-Test



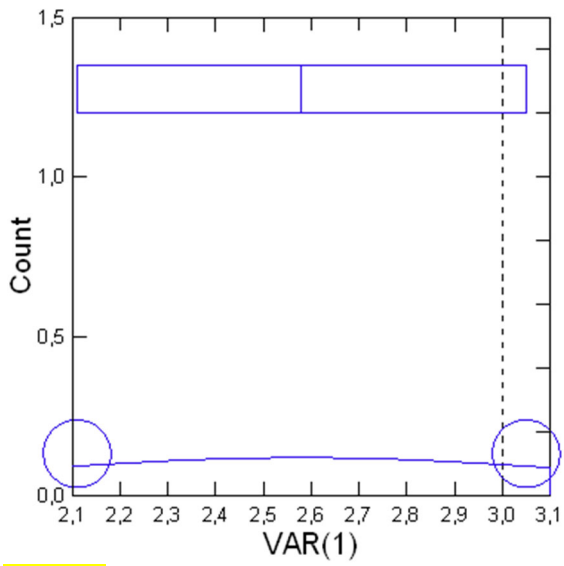
Espécie 4

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 3,00 vs. H1: Mean \neq 3,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		t	df	p-Value
				Lower Limit	Upper Limit			
VAR(1)	2,000	2,580	0,665	-3,392	8,552	-0,894	1,000	0,536

One-Sample t-Test



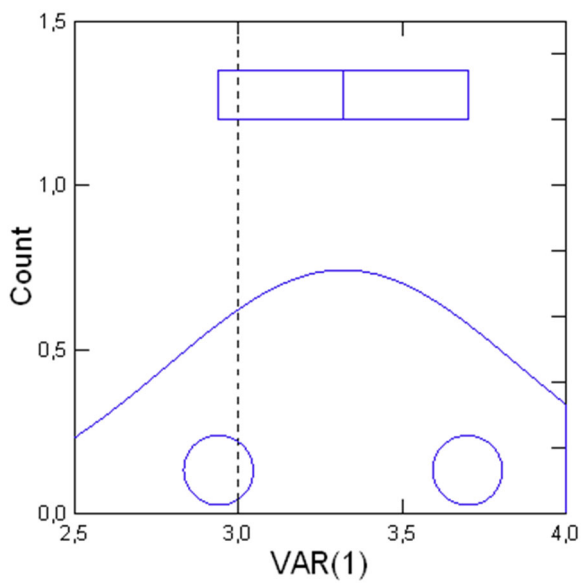
Espécie 5

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 3,00 vs. H1: Mean <> 3,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		df	p-Value	
				Lower Limit	Upper Limit			
VAR(1)	2,000	3,320	0,537	-1,508	8,148	0,842	1,000	0,554

One-Sample t-Test



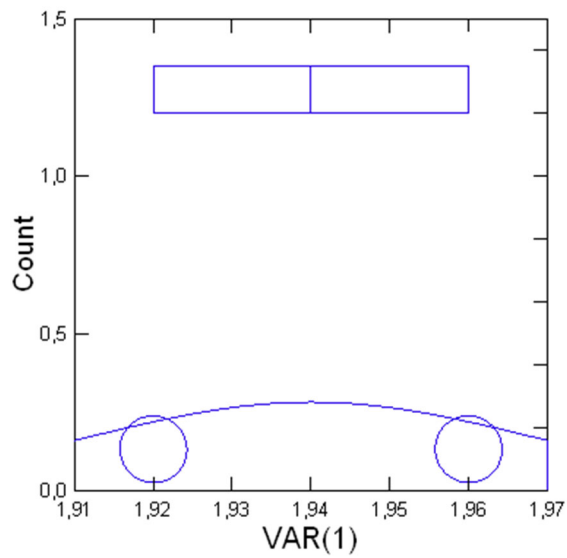
Espécie 8

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 3,00 vs. H1: Mean \neq 3,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		t	df	p-Value
				Lower Limit	Upper Limit			
VAR(1)	2,000	1,940	0,028	1,686	2,194	-53,000	1,000	0,012

One-Sample t-Test



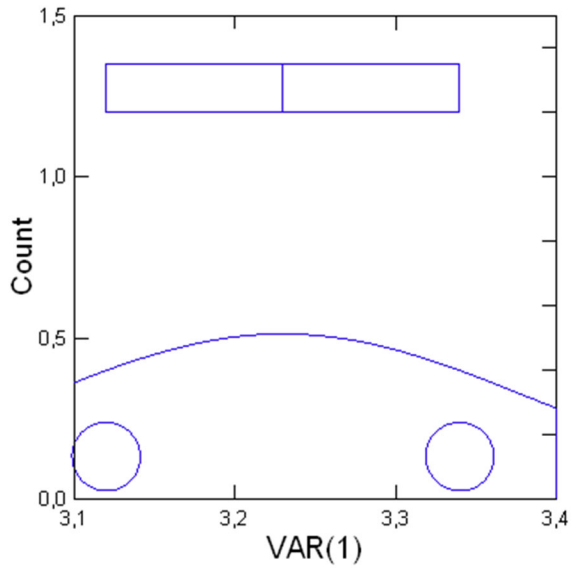
Espécie 9

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 3,00 vs. H1: Mean \neq 3,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		t	df	p-Value
				Lower Limit	Upper Limit			
VAR(1)	2,000	3,230	0,156	1,832	4,628	2,091	1,000	0,284

One-Sample t-Test



comparação com valor teórico de Kn

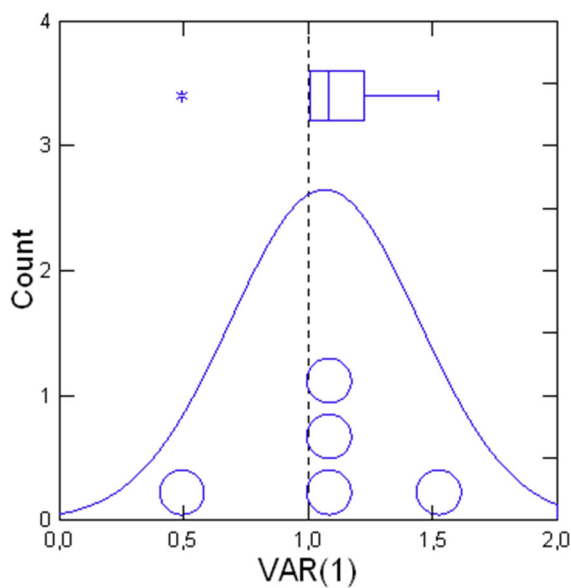
Spl – femea

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 1,00 vs. H1: Mean <> 1,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		df	p-Value	
				Lower Limit	Upper Limit			
VAR(1)	5,000	1,066	0,377	0,598	1,533	0,390	4,000	0,716

One-Sample t-Test



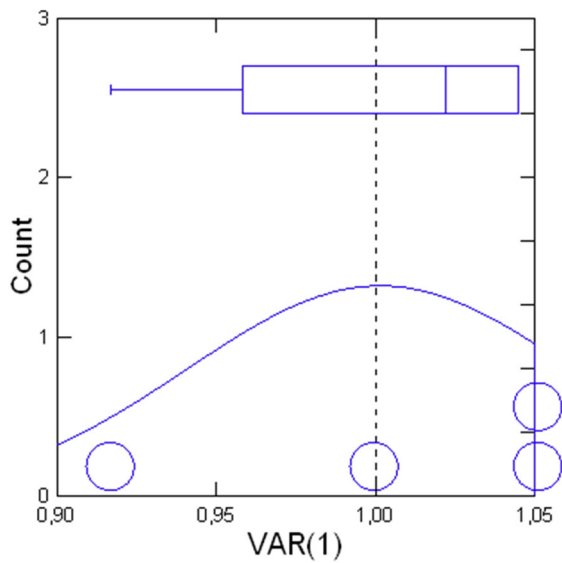
Sp1 - macho

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 1,00 vs. H1: Mean \neq 1,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		df	p-Value	
				Lower Limit	Upper Limit			
VAR(1)	4,000	1,001	0,060	0,905	1,098	0,049	3,000	0,964

One-Sample t-Test



▼ File: Untitled5.syz

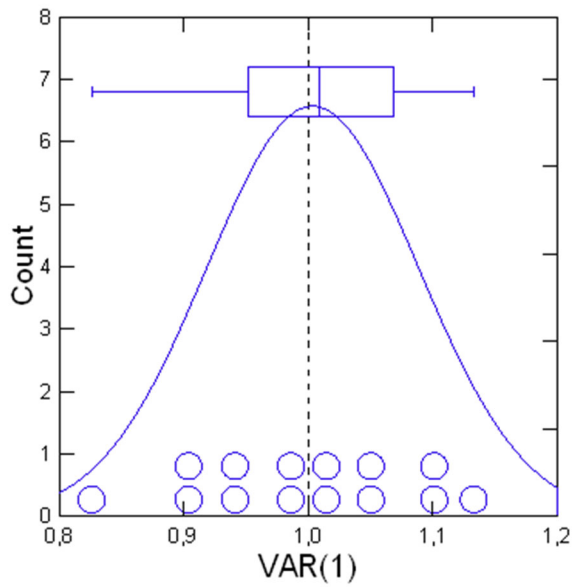
Sp2 - femea

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 1,00 vs. H1: Mean \neq 1,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		df	p-Value	
				Lower Limit	Upper Limit			
VAR(1)	14,000	1,003	0,085	0,954	1,053	0,151	13,000	0,882

One-Sample t-Test



▼ File: Untitled6.syz

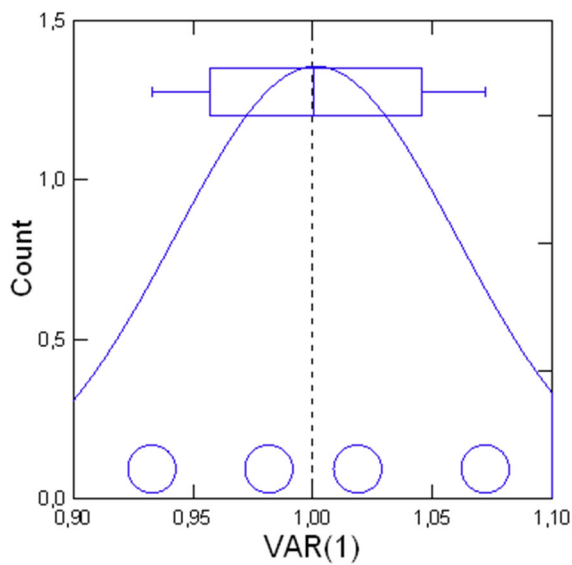
Sp2 – macho

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 1,00 vs. H1: Mean \neq 1,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		df	p-Value	
				Lower Limit	Upper Limit			
VAR(1)	4,000	1,001	0,059	0,908	1,095	0,044	3,000	0,968

One-Sample t-Test



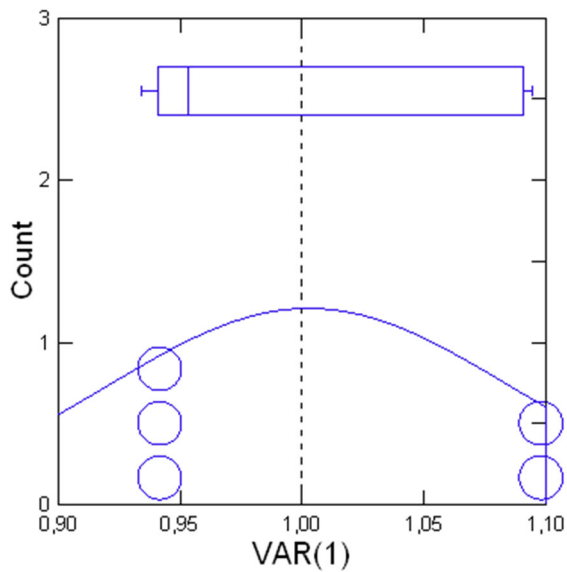
sp3 – femea

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 1,00 vs. H1: Mean \neq 1,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		t	df	p-Value
				Lower Limit	Upper Limit			
VAR(1)	5,000	1,003	0,082	0,900	1,105	0,072	4,000	0,946

One-Sample t-Test



▼ File: Untitled7.syz

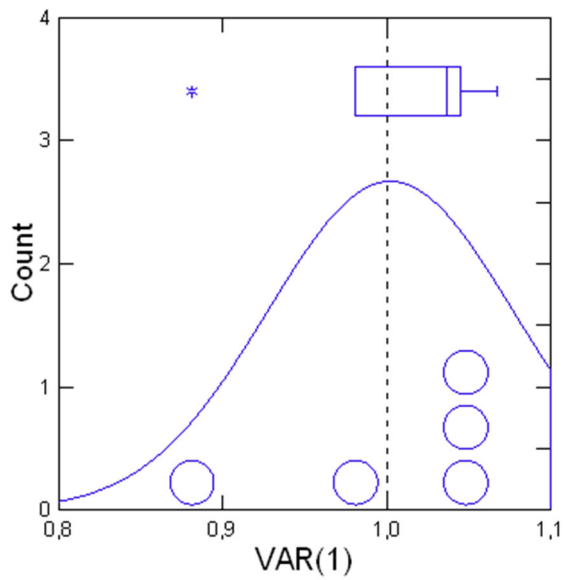
Sp4 – femea

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 1,00 vs. H1: Mean \neq 1,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		t	df	p-Value
				Lower Limit	Upper Limit			
VAR(1)	5,000	1,002	0,075	0,910	1,095	0,070	4,000	0,948

One-Sample t-Test



▼ File: Untitled9.syz

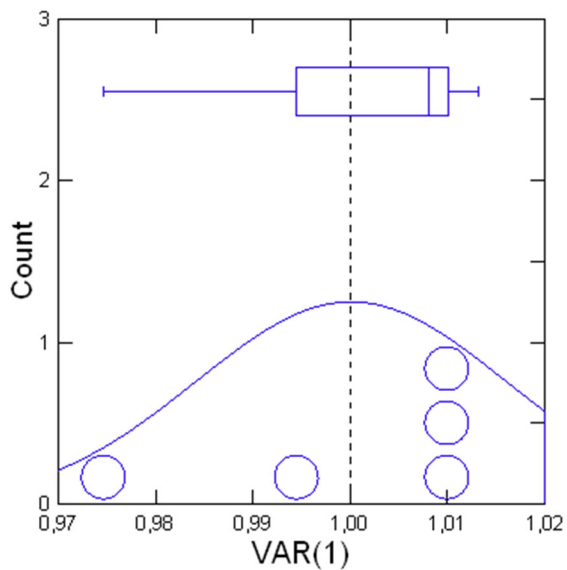
Sp4 – Macho

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 1,00 vs. H1: Mean \neq 1,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		df	p-Value	
				Lower Limit	Upper Limit			
VAR(1)	5,000	1,000	0,016	0,980	1,020	0,014	4,000	0,989

One-Sample t-Test



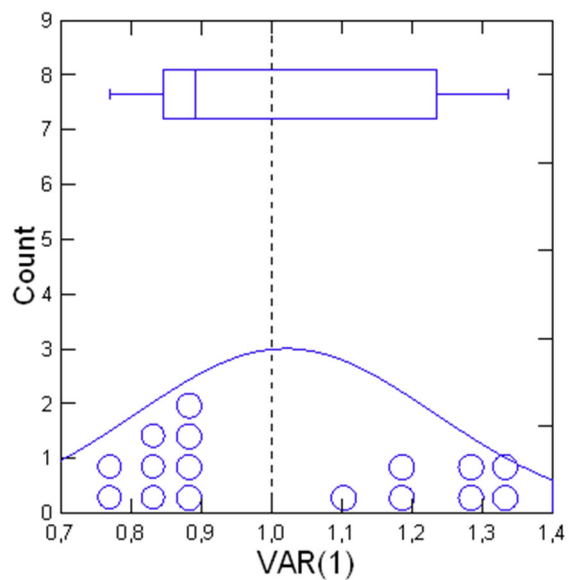
Sp5 – femea

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 1,00 vs. H1: Mean \neq 1,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		t	df	p-Value
				Lower Limit	Upper Limit			
VAR(1)	16,000	1,020	0,212	0,907	1,133	0,377	15,000	0,711

One-Sample t-Test



▼ File: Untitled11.syz

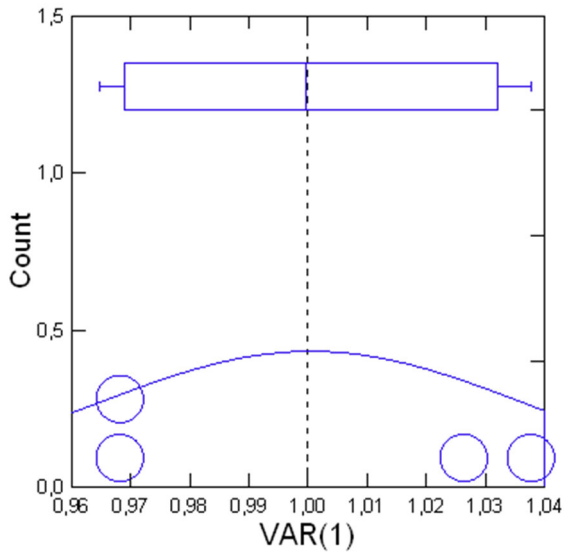
Sp5 – Macho

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 1,00 vs. H1: Mean \neq 1,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		t	df	p-Value
				Lower Limit	Upper Limit			
VAR(1)	4,000	1,001	0,037	0,942	1,059	0,028	3,000	0,980

One-Sample t-Test



▼ File: Untitled11.syz

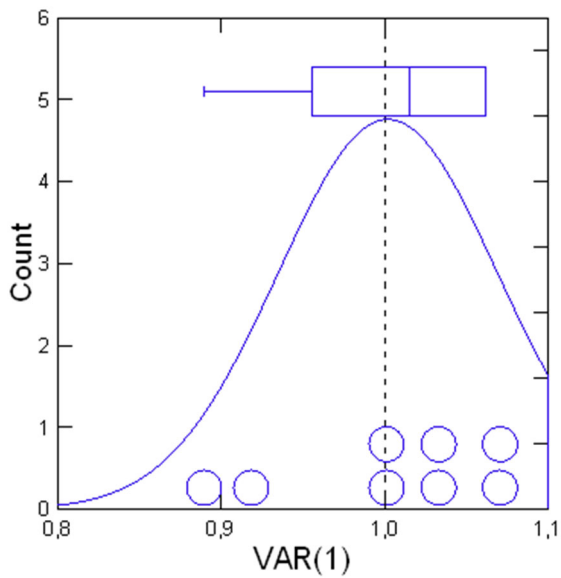
Sp7 - femea

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 1,00 vs. H1: Mean <> 1,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		df	p-Value
				Lower Limit	Upper Limit		
VAR(1)	8,000	1,002	0,067	0,946	1,058	0,0857,000	0,934

One-Sample t-Test



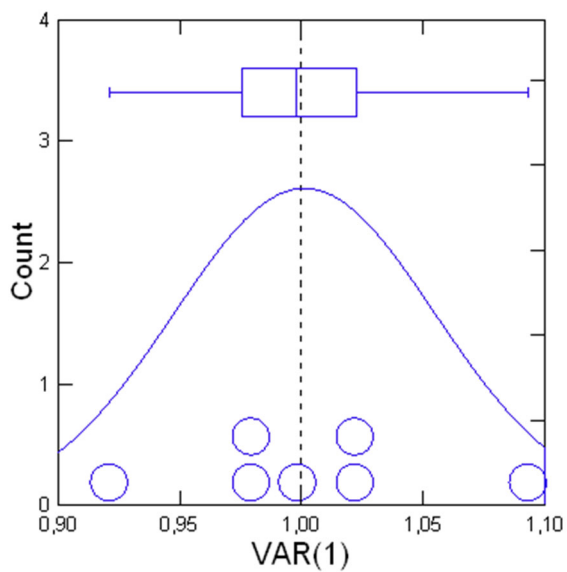
Sp8 - femea

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 1,00 vs. H1: Mean \neq 1,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		t	df	p-Value
				Lower Limit	Upper Limit			
VAR(1)	7,000	1,001	0,053	0,952	1,051	0,060	6,000	0,954

One-Sample t-Test



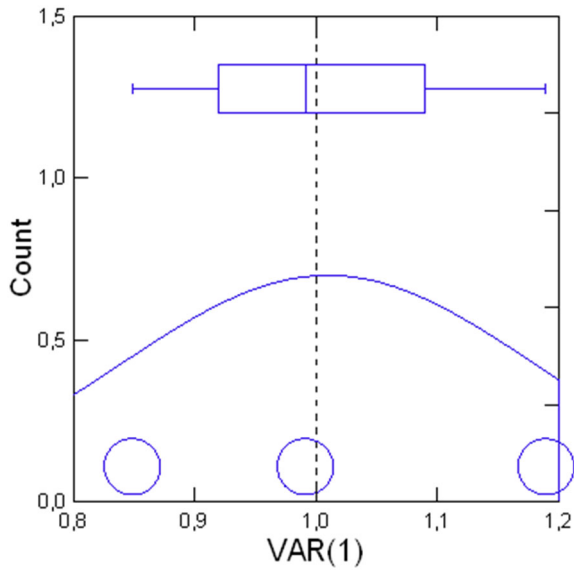
Sp8 - macho

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 1,00 vs. H1: Mean \neq 1,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		t	df	p-Value
				Lower Limit	Upper Limit			
VAR(1)	3,000	1,010	0,171	0,584	1,435	0,097	2,000	0,932

One-Sample t-Test



▼ File: Untitled4.syz

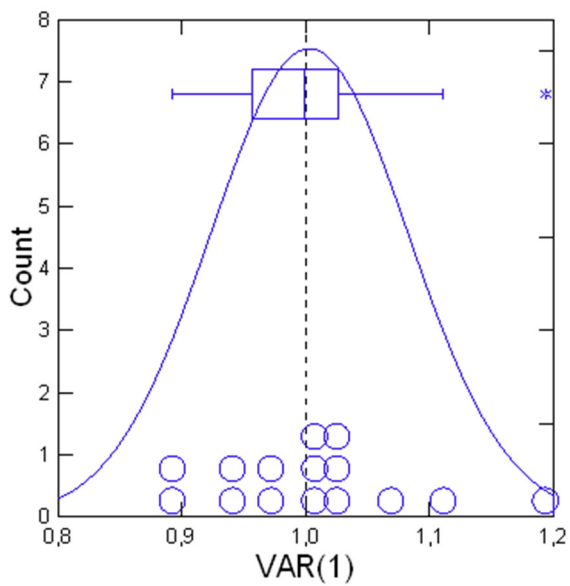
Sp9 - femea

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 1,00 vs. H1: Mean <> 1,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		df	p-Value	
				Lower Limit	Upper Limit			
VAR(1)	15,000	1,003	0,079	0,959	1,047	0,139	14,000	0,892

One-Sample t-Test



Sp9 - macho

▼ Hypothesis Testing: One-sample t-test

H0: Mean = 1,00 vs. H1: Mean \neq 1,00

Variable	N	Mean	Standard Deviation	95,00% Confidence Interval		df	p-Value	
				Lower Limit	Upper Limit			
VAR(1)	5,000	1,016	0,186	0,785	1,246	0,189	4,000	0,859

One-Sample t-Test

