

# TESTES

EDA			
		Categórica [stress]	Numérica [cigarros]
		<i>R. gráfica</i> <b>Barplot</b>	<i>R. gráfica</i> <b>plot - histogram- boxplot</b>
		<i>R.numérica</i> <b>Table (Percentagens condicionais)</b>	<i>R.numérica</i> <b>Descriptive Statistics</b> <i>summary()</i>

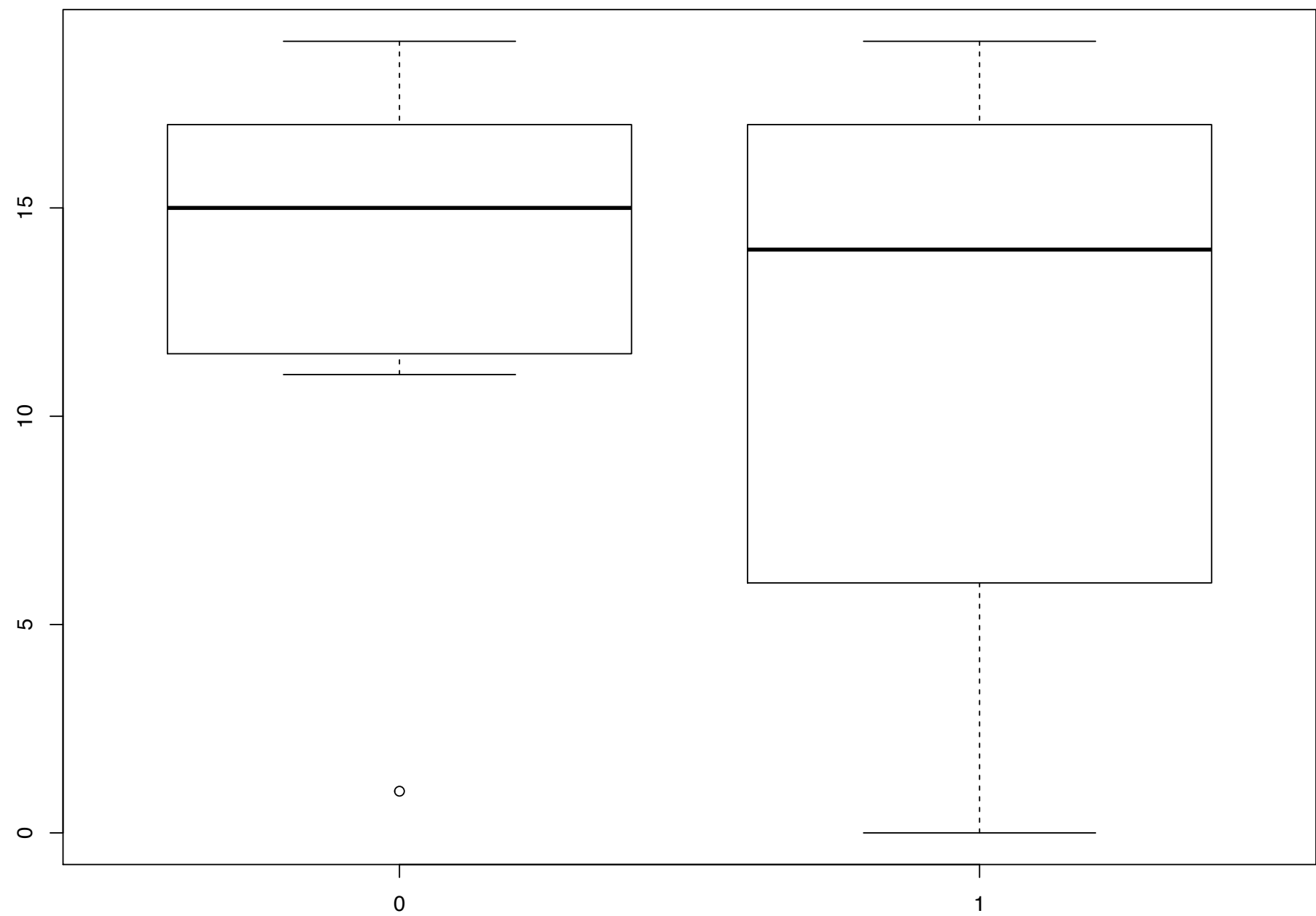
	Categórica	Numérica

		RESPONSE	
		Categórica	Numérica
EXPLANATORY	Categórica		
	Numérica	<div>[cigarros] [stress] [sexo] [tso]</div>	

		RESPONSE	
		Categórica [stress]	Numérica [cigarros]
EXPLANATORY	Categórica [sexo] [stress]	<div>[Representação Numérica]</div> <div>[[Representação Gráfica]</div>	
	Numérica [tso]		

		RESPONSE	
		Categórica [stress]	Numérica [cigarros]
EXPLANATORY	Categórica [sexo] [stress]		<i>R. gráfica</i> <b>Side by side boxplot</b>  <i>R.numérica</i> <b>Descriptive Statistics, by IV categories</b>
	Numérica [tso]		

Side by side boxplot



		RESPONSE	
		Categórica [stress]	Numérica [cigarros]
E X P L A N A T O R Y	Categórica [sexo] [stress]	<i>R. gráfica</i> <b>Two-way table</b> <b>Side by side barplot</b> <i>R.numérica</i> <b>Percentagens condicionais</b>	<i>R. gráfica</i> <b>Side by side boxplot</b>  <i>R.numérica</i> <b>Descriptive Statistics, by IV categories</b>
	Numérica [tso]		

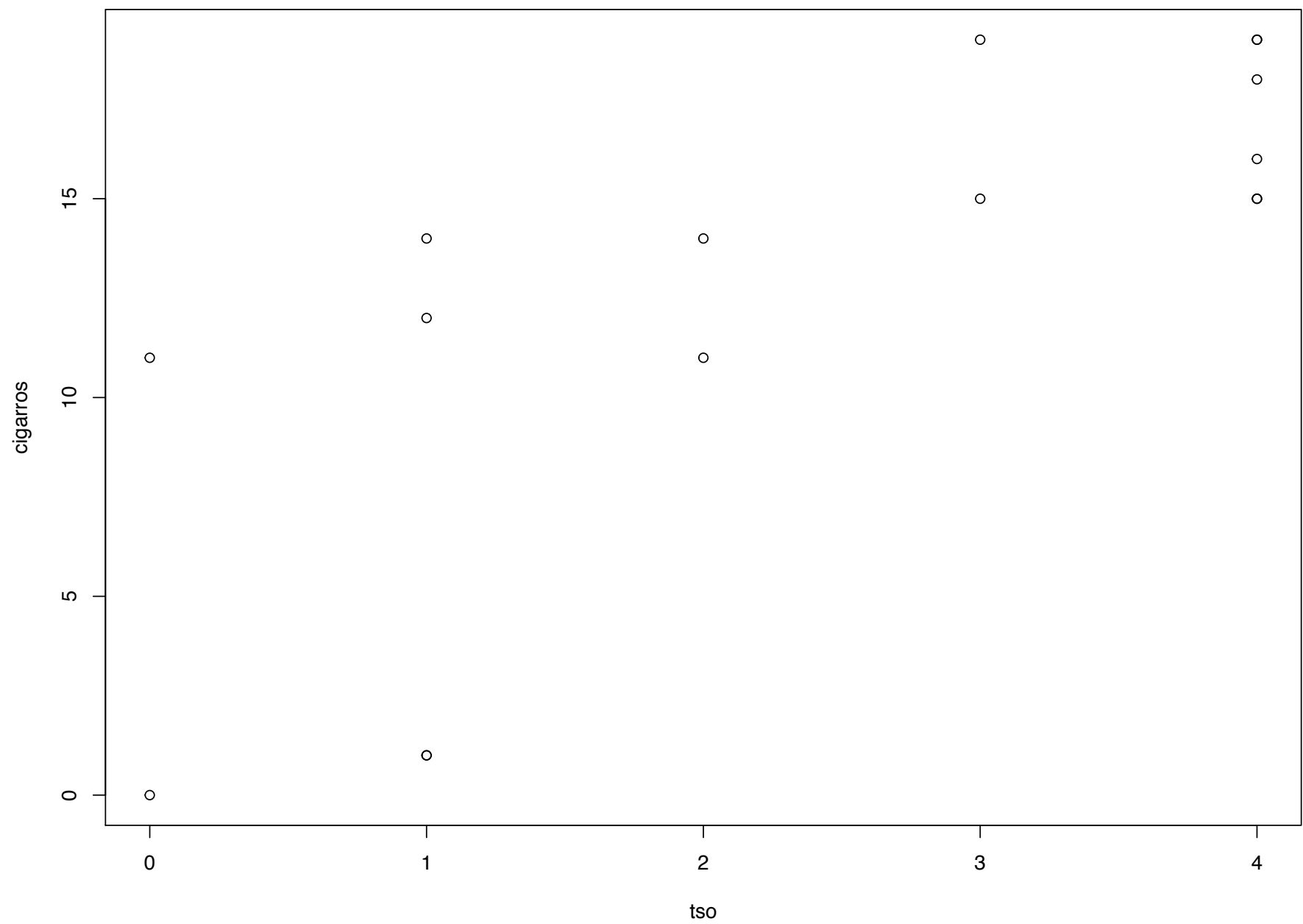


Two-way table

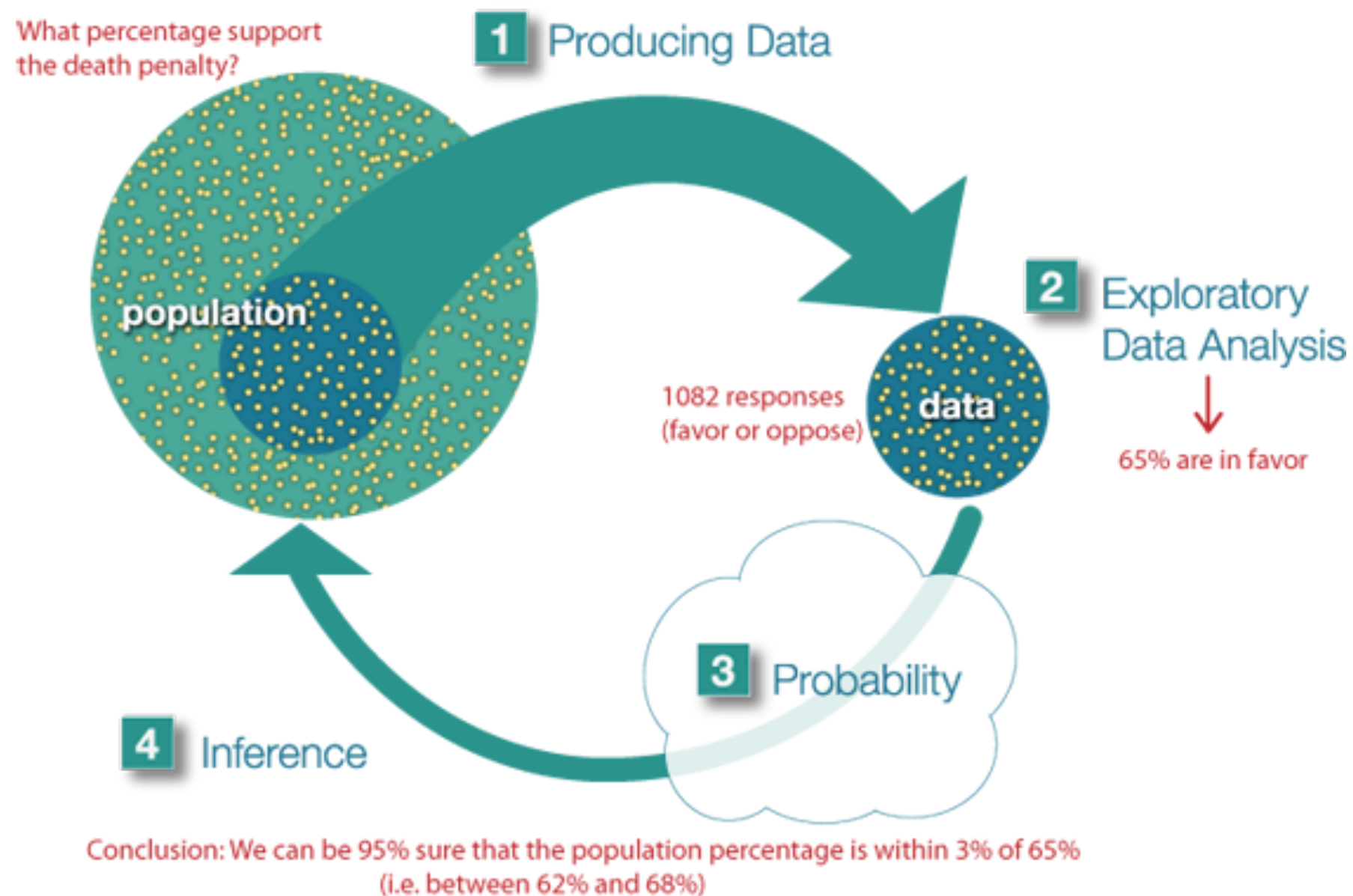
		Sexo		Sum
		Mulher	Homem	
Stress	0	18.8	18.8	37.5
	1	31.2	31.2	62.5
Sum		50.0	50.0	100.0

		RESPONSE	
		Categórica [stress]	Numérica [cigarros]
E X P L A N A T O R Y	Categórica [sexo] [stress]	<i>R. gráfica</i> <b>Two-way table</b> <b>Side by side barplot</b> <i>R.numérica</i> <b>Percentagens condicionais</b>	<i>R. gráfica</i> <b>Side by side boxplot</b>  <i>R.numérica</i> <b>Descriptive Statistics, by IV categories</b>
	Numérica [tso]		<i>R. gráfica</i> <b>Scatterplot</b>  <i>R.numérica</i> <b>Coeficiente de correlação</b>

# Scatterplot



# A “BIG PICTURE” DA ESTATÍSTICA



Fonte: “Statistical Reasoning” Open Learning Initiative course

<https://oli.cmu.edu/jcourse/lms/students/syllabus.do?section=0d09ccd780020ca60122192215687fb4>

		RESPONSE	
		Categórica [stress]	Numérica [cigarros]
EXPLANATORY	Categórica [sexo] [stress]	<i>R. gráfica</i> <b>Two-way table</b> <b>Side by side barplot</b> <i>R.numérica</i> <b>Percentagens condicionais</b>	<i>R. gráfica</i> <b>Side by side boxplot</b>  <i>R.numérica</i> <b>Descriptive Statistics, by IV categories</b>
	Numérica [tso]	<div>[Testes estatísticos] (Inferência)</div> [regressão logística]	<i>R. gráfica</i> <b>Scatterplot</b>  <i>R.numérica</i> <b>Coeficiente de correlação</b>

