test_tex

Contents

descr(iris)

Variables	Total (N=150)	p
Sepal.Length N mean sd median Q1 - Q3 min - max	$ \begin{array}{c} 150 \\ 5.8 \\ 0.83 \\ 5.8 \\ 5.1 - 6.4 \\ 4.3 - 7.9 \end{array} $	<0.001 ^{tt1}
Sepal.Width N mean sd median Q1 - Q3 min - max	$ \begin{array}{c} 150 \\ 3.1 \\ 0.44 \\ 3 \\ 2.8 - 3.3 \\ 2 - 4.4 \end{array} $	<0.001 ^{tt1}
Petal.Length N mean sd median Q1 - Q3 min - max	$ \begin{array}{c} 150 \\ 3.8 \\ 1.8 \\ 4.3 \\ 1.6 - 5.1 \\ 1 - 6.9 \end{array} $	<0.001 ^{tt1}
Petal.Width N mean sd median Q1 - Q3 min - max	$ \begin{array}{c} 150 \\ 1.2 \\ 0.76 \\ 1.3 \\ 0.3 - 1.8 \\ 0.1 - 2.5 \end{array} $	<0.001 ^{tt1}

$\begin{array}{c|c} \hline (continued) \\ \hline Variables & Total & p \\ \hline (N=150) \\ \hline \\ \textbf{Species} \\ setosa & 50 (33\%) > 0.999^{\mathrm{chi1}} \\ versicolor & 50 (33\%) \\ virginica & 50 (33\%) \\ \hline ^{tt1} Student's one-sample t-test \\ ^{\mathrm{chi1}} Chi-squared goodness-of-fit test \\ \hline \end{array}$

```
descr(
  iris,
  "Species",
  group_labels = list(setosa = "My custom group label"),
  var_options = list(Sepal.Length = list(label = "My custom variable label"))
)
```

Variables	My custom group label $(N=50)$	versicolor (N=50)	virginica (N=150)	Total	р
My custom					
variable label					_
N	50	50	50	150	$< 0.001^{\rm F}$
mean	5	5.9	6.6	5.8	
sd	0.35	0.52	0.64	0.83	
median	5	5.9	6.5	5.8	
Q1 - Q3	4.8 - 5.2	5.6 - 6.3	6.2 - 6.9	5.1 - 6.4	
min - max	4.3 - 5.8	4.9 - 7	4.9 - 7.9	4.3 - 7.9	
Sepal.Width					
N	50	50	50	150	$< 0.001^{\rm F}$
mean	3.4	2.8	3	3.1	
sd	0.38	0.31	0.32	0.44	
median	3.4	2.8	3	3	
Q1 - Q3	3.2 - 3.7	2.5 - 3	2.8 - 3.2	2.8 - 3.3	
min - max	2.3 - 4.4	2 - 3.4	2.2 - 3.8	2 - 4.4	
Petal.Length					
N	50	50	50	150	$< 0.001^{\rm F}$
mean	1.5	4.3	5.6	3.8	
sd	0.17	0.47	0.55	1.8	
median	1.5	4.3	5.5	4.3	
Q1 - Q3	1.4 - 1.6	4 - 4.6	5.1 - 5.9	1.6 - 5.1	
min - max	1-1.9	3 - 5.1	4.5 - 6.9	1 - 6.9	

(continued)

Variables	My custom group label $(N=50)$	$\begin{array}{c} {\rm versicolor} \\ {\rm (N=}50) \end{array}$	virginica (N=150)	Total	p
Petal.Width					
					F
N	50	50	50	150	$< 0.001^{\rm F}$
mean	0.25	1.3	2	1.2	
sd	0.11	0.2	0.27	0.76	
median	0.2	1.3	2	1.3	
Q1 - Q3	0.2 - 0.3	1.2 - 1.5	1.8 - 2.3	0.3 - 1.8	
min - max	0.1 - 0.6	1 - 1.8	1.4 - 2.5	0.1 - 2.5	
F F-test (ANOVA	L)				

```
descr(
  iris,
  "Species",
  group_labels = list(setosa = "My custom group label"),
  var_options = list(Sepal.Length = list(label = "My custom variable label")),
  format_options=list(caption="Test Caption")
)
```

Table 3: Test Caption

Variables	My custom group label (N=50)	versicolor (N=50)	virginica (N=150)	Total	p
My custom variable label					
N	50	50	50	150	$< 0.001^{\rm F}$
mean	5	5.9	6.6	5.8	
sd	0.35	0.52	0.64	0.83	
median	5	5.9	6.5	5.8	
Q1 - Q3	4.8 - 5.2	5.6 - 6.3	6.2 - 6.9	5.1 - 6.4	
min - max	4.3 - 5.8	4.9 - 7	4.9 - 7.9	4.3 - 7.9	
Sepal.Width					
N	50	50	50	150	$< 0.001^{\rm F}$
mean	3.4	2.8	3	3.1	
sd	0.38	0.31	0.32	0.44	
median	3.4	2.8	3	3	
Q1 - Q3	3.2 - 3.7	2.5 - 3	2.8 - 3.2	2.8 - 3.3	
min - max	2.3-4.4	2 - 3.4	2.2 - 3.8	2 - 4.4	
Petal.Length					
N	50	50	50	150	$< 0.001^{\rm F}$
mean	1.5	4.3	5.6	3.8	
sd	0.17	0.47	0.55	1.8	
median	1.5	4.3	5.5	4.3	
Q1 - Q3	1.4 - 1.6	4 - 4.6	5.1 - 5.9	1.6 - 5.1	
min - max	1 - 1.9	3 - 5.1	4.5 - 6.9	1 - 6.9	

Table 3: Test Caption (continued)

Variables	My custom group label (N=50)	versicolor (N=50)	virginica (N=150)	Total	р
Petal.Width	50	50	50	150	<0.001 ^F
mean sd	0.25 0.11	1.3 0.2	$\frac{2}{0.27}$	$\frac{1.0}{1.2}$	<0.001
median Q1 - Q3	$0.2 \\ 0.2 - 0.3$	1.3 $1.2 - 1.5$	$\frac{2}{1.8 - 2.3}$	1.3 $0.3 - 1.8$	
min - max F F-test (ANOVA	0.1 - 0.6	1 – 1.8	1.4 - 2.5	0.1 - 2.5	