test_tex

Contents

```
descr(iris)
```

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

(continued)

Variables	Total (N=150)	p
Species		
setosa	50 (33%)	>0.999[chi1]
versicolor	50 (33%)	
virginica	50 (33%)	

[tt1] Students one-sample t-test
[chi1] Chi-squared goodness-of-fit test

```
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	p
My custom variable label					
N	50	50	50	150	<0.001[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[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[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)	versicolor (N=50)	virginica (N=150)	Total	p
Petal.Width					
N	50	50	50	150	<0.001[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)

```
descr(iris) %>% capture.output(print(.)) %>% knitr::raw_latex()
```

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[chi1] Chi-squared goodness-of-fit test

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[tt1] Students one-sample t-test

[chi1] Chi-squared goodness-of-fit test