test

Contents

```
## Warning: The `validate` argument of `as_tibble()` is deprecated as of tibble 2.0.0.
## Please use the `.name_repair` argument instead.
## This warning is displayed once every 8 hours.
## Call `lifecycle::last_warnings()` to see where this warning was generated.
```

```
## Warning: The `value` argument of ``names<-`()` must be a character vector as of tibble 3.0.0.
## This warning is displayed once every 8 hours.
## Call `lifecycle::last_warnings()` to see where this warning was generated.
```

Variables	setosa (N=50)	versicolor (N=50)	Virgi (N=50)	Total (N=150)	p
Sepal Length					
N	150	150	150	150	$<0.001^{\text{F}}$
mean	5.8	5.8	5.8	5.8	
sd	0.83	0.83	0.83	0.83	
median	5.8	5.8	5.8	5.8	
Q1 - Q3	$5.1 - 6.4$	$5.1 - 6.4$	$5.1 - 6.4$	$5.1 - 6.4$	
min - max	$4.3 - 7.9$	$4.3 - 7.9$	$4.3 - 7.9$	$4.3 - 7.9$	
Sepal.Width					
N	150	150	150	150	$<0.001^{\text{F}}$
mean	3.1	3.1	3.1	3.1	
sd	0.44	0.44	0.44	0.44	
median	3	3	3	3	
Q1 - Q3	$2.8 - 3.3$	$2.8 - 3.3$	$2.8 - 3.3$	$2.8 - 3.3$	
min - max	$2 - 4.4$	$2 - 4.4$	$2 - 4.4$	$2 - 4.4$	
Petal.Length					
N	150	150	150	150	$<0.001^{\text{F}}$
mean	3.8	3.8	3.8	3.8	
sd	1.8	1.8	1.8	1.8	
median	4.3	4.3	4.3	4.3	
Q1 - Q3	$1.6 - 5.1$	$1.6 - 5.1$	$1.6 - 5.1$	$1.6 - 5.1$	
min - max	$1 - 6.9$	$1 - 6.9$	$1 - 6.9$	$1 - 6.9$	
Petal.Width					
N	150	150	150	150	$<0.001^{\text{F}}$
mean	1.2	1.2	1.2	1.2	
sd	0.76	0.76	0.76	0.76	
median	1.3	1.3	1.3	1.3	
Q1 - Q3	$0.3 - 1.8$	$0.3 - 1.8$	$0.3 - 1.8$	$0.3 - 1.8$	
min - max	$0.1 - 2.5$	$0.1 - 2.5$	$0.1 - 2.5$	$0.1 - 2.5$	

cat__var

b	26 (52%)	23 (46%)	28 (56%)	77 (51%)	0.602$^{\text{chi2}}$
a	24 (48%)	27 (54%)	22 (44%)	73 (49%)	

Variables	Total (N=150)	p
Sepal Length		
N	150	<0.001$^{\text{tt1}}$
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$^{\text{tt1}}$
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$^{\text{tt1}}$
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$^{\text{tt1}}$
mean	1.2	
sd	0.76	
median	1.3	
Q1 - Q3	0.3 − 1.8	
min - max	0.1 − 2.5	
Species		
setosa	50 (33%)	>0.999$^{\text{chi1}}$
versicolor	50 (33%)	
virginica	50 (33%)	
cat__var		
b	77 (51%)	0.744$^{\text{chi1}}$
a	73 (49%)	

Variables	versicolor (N=50)	virginica (N=50)	Total (N=100)	p	CI
Sepal.Length				<0.001^tt2	Mean dif. CI
N	100	100	100		[-0.88, -0.42]
mean	6.3	6.3	6.3		
sd	0.66	0.66	0.66		
median	6.3	6.3	6.3		
Q1 - Q3	5.8 − 6.7	5.8 − 6.7	5.8 − 6.7		
min - max	4.9 − 7.9	4.9 − 7.9	4.9 − 7.9		
Sepal.Width				0.002^tt2	Mean dif. CI
N	100	100	100		[-0.33, -0.078]
mean	2.9	2.9	2.9		
sd	0.33	0.33	0.33		
median	2.9	2.9	2.9		
Q1 - Q3	2.7 − 3	2.7 − 3	2.7 − 3		
min - max	2 − 3.8	2 − 3.8	2 − 3.8		
Petal.Length				<0.001^tt2	Mean dif. CI
N	100	100	100		[-1.5, -1.1]
mean	4.9	4.9	4.9		
sd	0.83	0.83	0.83		
median	4.9	4.9	4.9		
Q1 - Q3	4.3 − 5.5	4.3 − 5.5	4.3 − 5.5		
min - max	3 − 6.9	3 − 6.9	3 − 6.9		
Petal.Width				<0.001^tt2	Mean dif. CI
N	100	100	100		[-0.8, -0.6]
mean	1.7	1.7	1.7		
sd	0.42	0.42	0.42		
median	1.6	1.6	1.6		
Q1 - Q3	1.3 − 2	1.3 − 2	1.3 − 2		
min - max	1 − 2.5	1 − 2.5	1 − 2.5		
cat__var				>0.999^chi2	Prop. dif. CI
b	25 (50%)	26 (52%)	51 (51%)		[-0.24, 0.2]
a	25 (50%)	24 (48%)	49 (49%)		

Unknown test

^{tt2} Welchs two-sample t-test

^{chi2} Pearsons chi-squared test