

using easystats notes

November 28, 2022

1. **NOTE: This directory is for using easystats**
2. For the **source** code use `~/code/easystats/`
3. TEXT ONLY in this file, no R.
4. This is **.qmd**, not **.md** because I can't remember different sets of pandoc, headers, etc. *when* I run R.

To run: quarto render % ; zathura

$$x^2$$

$$\langle u, v \rangle$$

```
library(parameters)

## Center and normalize dot product x.y
cor.test(iris$Sepal.Length, iris$Sepal.Width) |>
  parameters()
```

Pearson's product-moment correlation

Parameter1	Parameter2	r	95% CI	t(148)	p
iris\$Sepal.Length	iris\$Sepal.Width	-0.12	[-0.27, 0.04]	-1.44	0.152

Alternative hypothesis: true correlation is not equal to 0

```
# compare
cor.test(iris$Sepal.Length, iris$Sepal.Width)
```

Pearson's product-moment correlation

```
data: iris$Sepal.Length and iris$Sepal.Width
t = -1.4403, df = 148, p-value = 0.1519
alternative hypothesis: true correlation is not equal to 0
95 percent confidence interval:
-0.27269325 0.04351158
sample estimates:
cor
-0.1175698
```