Un cours intéressant

et didactique !

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1

In the morning

Getting up

- Turn off alarm
- Get out of bed

Breakfast

- Eat eggs
- Drink coffee

Work

First Euler observed that

$$1 + e^{i\pi} = 0.$$

Then, Gauss discovered the normal distribution:

$$P(x) = \frac{1}{\sigma\sqrt{2\pi}} e^{-(x-\mu)^2/2\sigma^2}$$

Finally, Einstein proclaimed:

$$E = mC^2$$

At the end, Ioannidis concluded that most published research findings are false [1]

```r
summary(cars)
```

```
##      speed           dist       
##  Min.   : 4.0   Min.   :  2.00  
##  1st Qu.:12.0   1st Qu.: 26.00  
##  Median :15.0   Median : 36.00  
##  Mean   :15.4   Mean   : 42.98  
##  3rd Qu.:19.0   3rd Qu.: 56.00  
##  Max.   :25.0   Max.   :120.00
```

```r
summary(cars)
```

```
##      speed           dist       
##  Min.   : 4.0   Min.   :  2.00  
##  1st Qu.:12.0   1st Qu.: 26.00  
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##  3rd Qu.:19.0   3rd Qu.: 56.00  
##  Max.   :25.0   Max.   :120.00
```
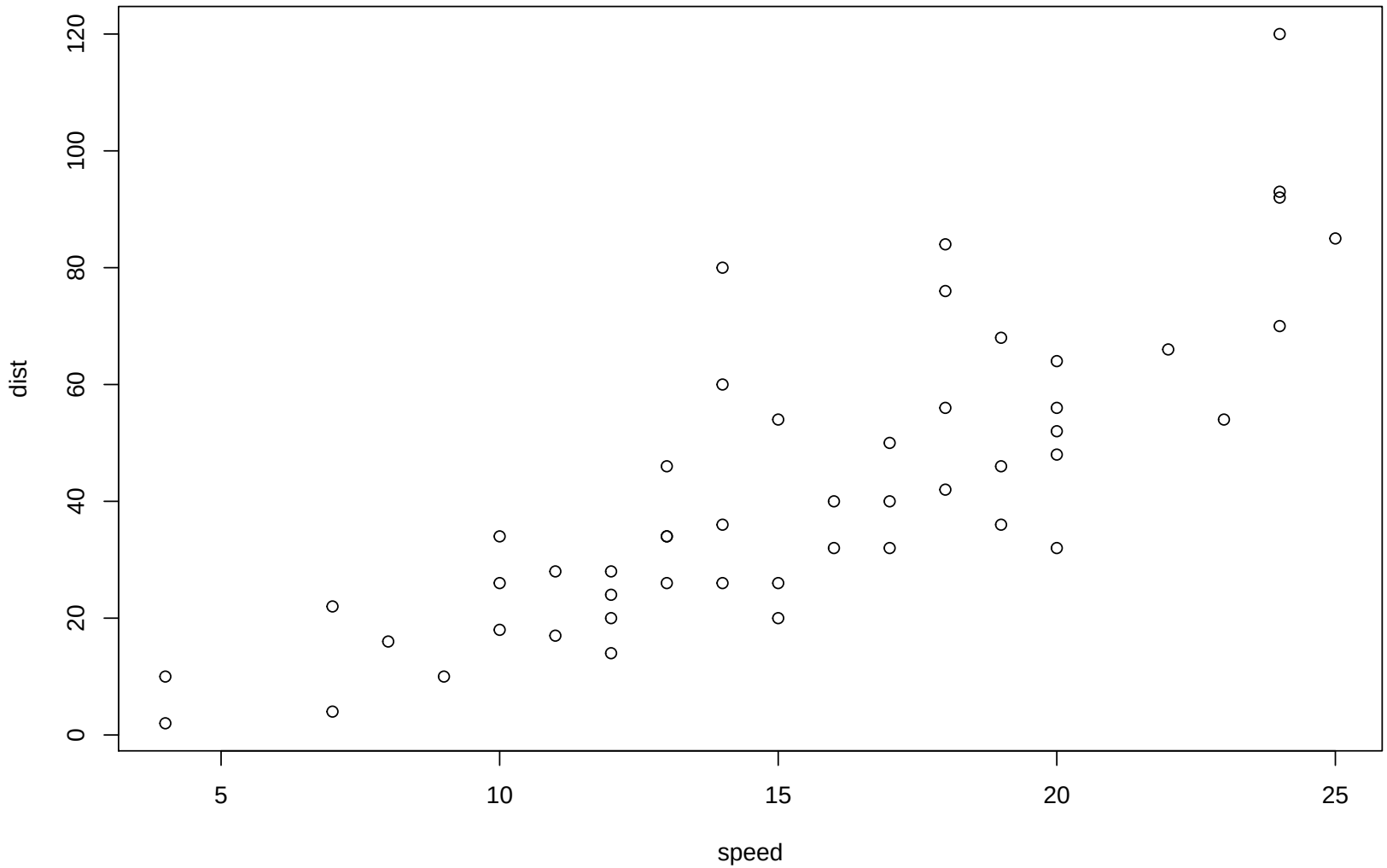

```r
plot(cars)
```



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2

In the evening

Dinner

Going to sleep

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2

In the evening

Dinner

Going to sleep

Miam!

- Eat spaghetti
- Drink wine

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2

In the evening

Dinner

Going to sleep

Two simple steps!

- Get in bed
- Count sheep

And now...

Good night!

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3

References

References

[1] Ioannidis JPA. Why Most Published Research Findings Are False. PLOS Medicine 2005;2:e124. https://doi.org/10.1371/journal.pmed.0020124.

THANKS FOR WATCHING!