Tools

- Import data
- Summarise data
- Create or modify columns
- Calculate
- Visualise
- Statistical tests

Import CSV file

Import biodiversity data

Import vigie nature data

Import climate data

Import landcover data

Import vigie nature data

Pollinator data

Species	Abundance	Location
Mouche	5	Paris 5
Abeille domestique	2	Paris 5
Syrphe ceinturé	1	Paris 5
Amaryllis	5	Paris 5
Aurore	4	Paris 5
Araignée	1	Paris 5

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Import vigie nature data

Import climate data Mean annual temperature join on Location

Import climate data Mean annual precipitations join on Location

Pollinator and climate data

Location	Annual mean temperature	Annual mean precipitations
Paris 5	10	700
Paris 5	10	700
Paris 5	10	700
Paris 5	10	700
Paris 5	10	700
Paris 5	10	700

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Group lines on
use on to summ

Filter data on column
with value

Select column

Import vigie nature data

Import climate data Mean annual temperature join on Location

Import climate data Mean annual precipitations join on Location

Group lines on Observation number and Mean annual temperature
use mean and Standart deviation on Abundance to summarise data

Results of group and summarise data on pollinator and climate data

Observation Number	Mean annual temperature	Mean abundance	Standart deviation abondance
1235	10	12	3
1236	12	8	4
1237	12	5	4
15547	10	14	5
55447	13	5	2
98874	8	9	4

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Scatterplot with x and y

Barplot with x and y

Boxplot with x and y

Add line with bx and a

Import vigie nature data

Import climate data Mean annual temperature join on Location

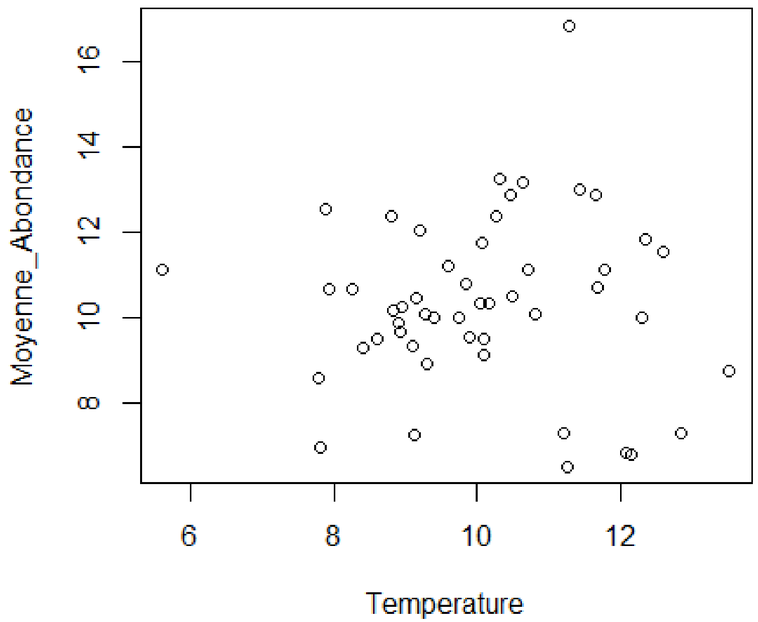
Import climate data Mean annual precipitations join on Location

Group lines on Observation number and Mean annual temperature

use mean and Standart deviation on Abundance to summarise data

Scatterplot with x Mean annual precipitations and y Mean abundance

Scatterplot on group and summarise data on pollinator and climate data



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Linear regression with x

Compare means for

Calculate confidence interva

Khi2 test for and

Import vigie nature data

Import climate data Mean annual temperature join on Location

Import climate data Mean annual precipitations join on Location

Group lines on Observation number and Mean annual temperature

use mean and Standart deviation on Abundance to summarise data

Scatterplot with x Mean annual precipitations and y Mean abundance

Linear regression with x Mean annual precipitations

and y Mean abundance

Results of linear regression on group and summarise data on pollinator and climate data

Equation:
Mean abundance = -0,01 x Temperature + 10,48
R2 = -0,02 Weak relation
Non significant result