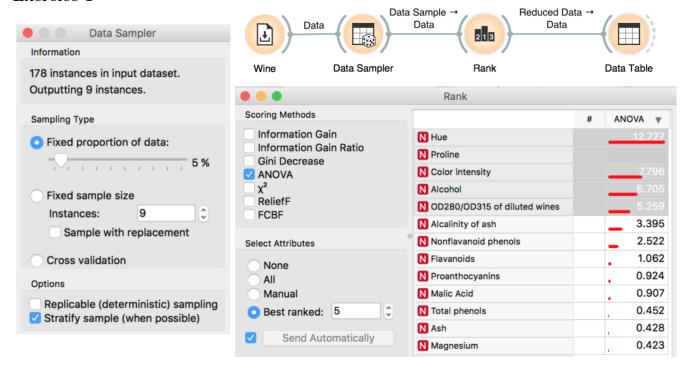
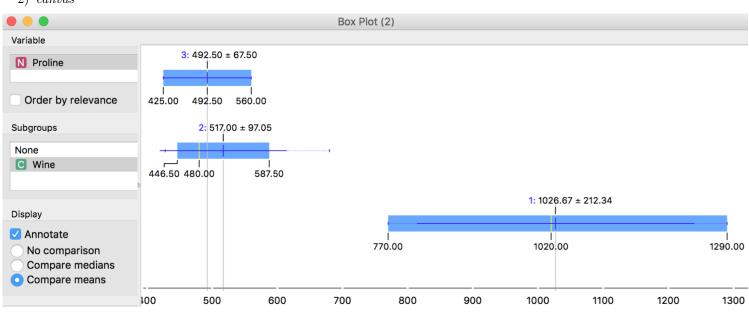
Exercice 1

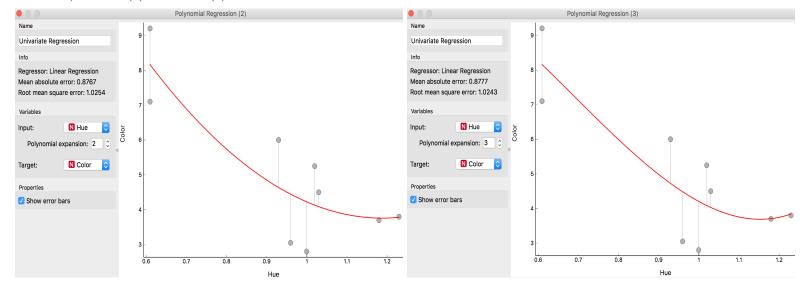


Exercice 2

2) canvas



4) modèle (2) et modèle (3)



Exercice 3

1) ACP

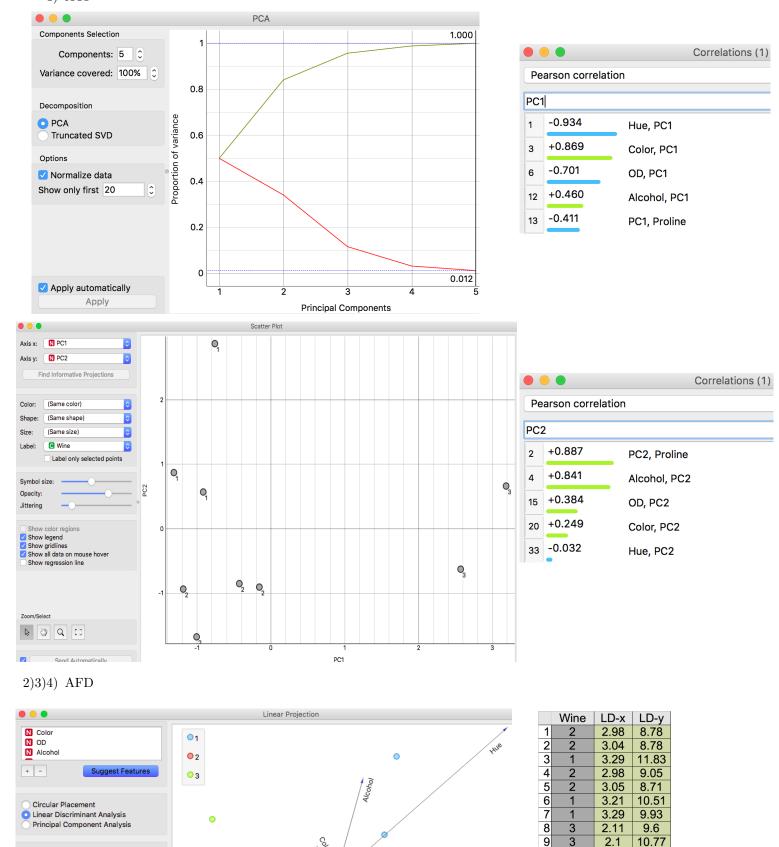
(Same shape)

(Same size)

Symbol size: -

Label only selected points

Shape:



OD

 $\overline{x}_1 = (3.26, 10.76)$ $\overline{x}_2 = (3.01, 8.83)$

Proline

-0.0

0.0

Color Alcohol

0.15

0.54

-0.10

0.18

Hue

0.94

0.82

component

1 LD-x

2 LD-y

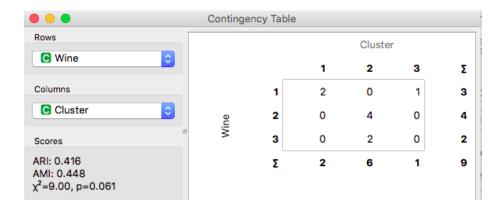
 $\overline{x}_3 = (2.1, 10.18)$

OD

0.30

-0.05

Exercice 4



Exercice 5

