

Presentation and Visualization.

Rules of the game

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Goals

- 1 To know the **theoretical foundations** of information visualization
- 2 To learn the **basics of two visualization languages**
- 3 To be able to select the best visualization for a specific **data, task** and **user**
- 4 To apply the theory to two projects and learn **the process of creating a visualization**



Organization

Active classes:

Part time theoretical concepts,

Part time to share, work in groups or practice

Review tests at the end.



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Dashboard task: 20th November, 40%

Storytelling task: 10th January, 40%

Final exam: (to be defined), 20%

In teams up to 3 people



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The subject is 3 ECTS, and wants to provide tools and strategies
to start your path



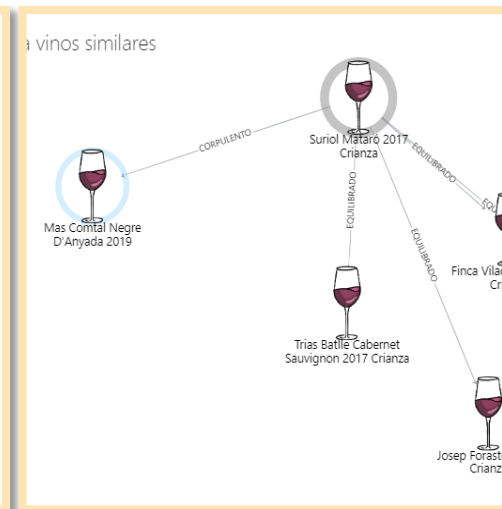
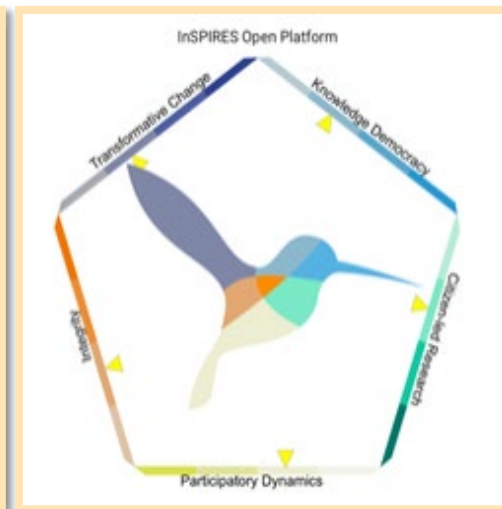
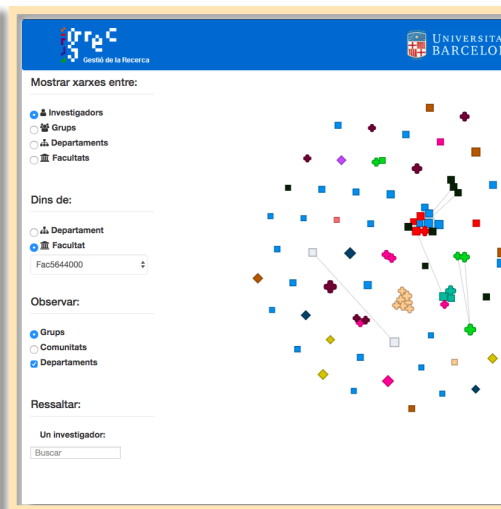
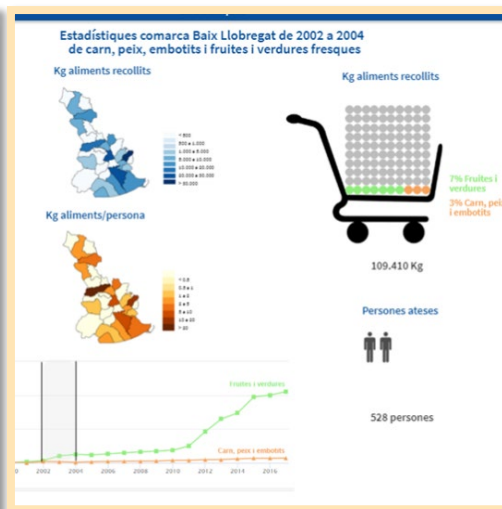
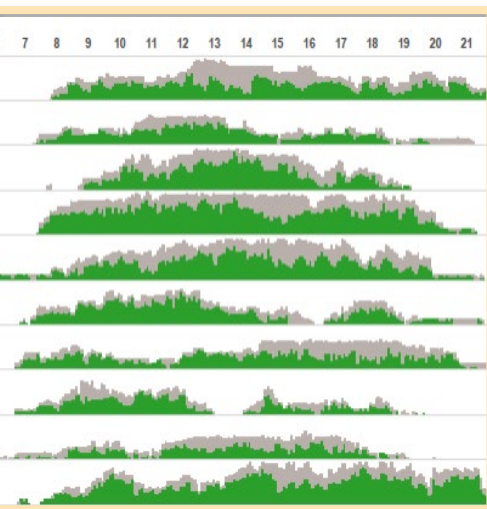
About **me**

Computer science + Information science
background

Interests in HCI, user experience, accessibility
and information visualization

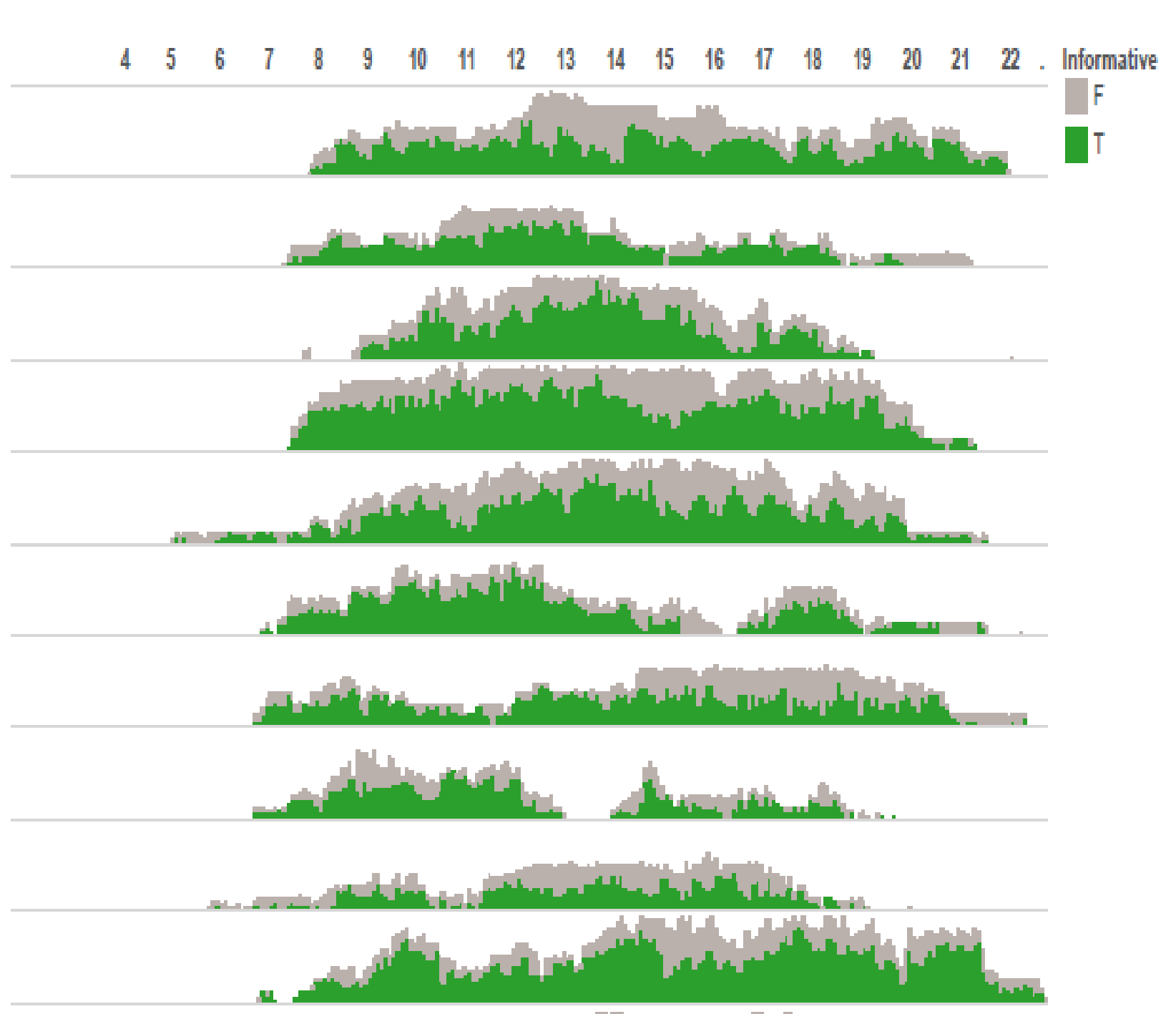
Work better with collaboration

Some projects

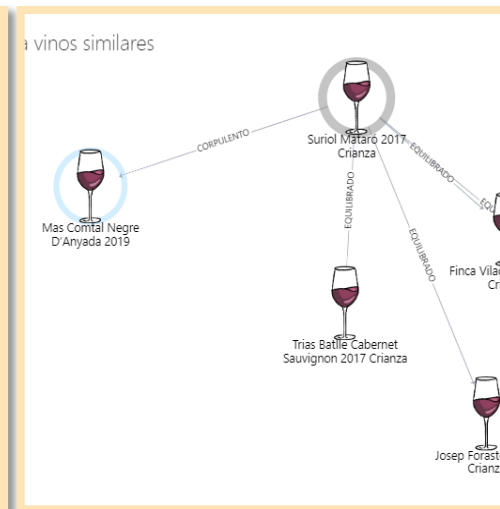
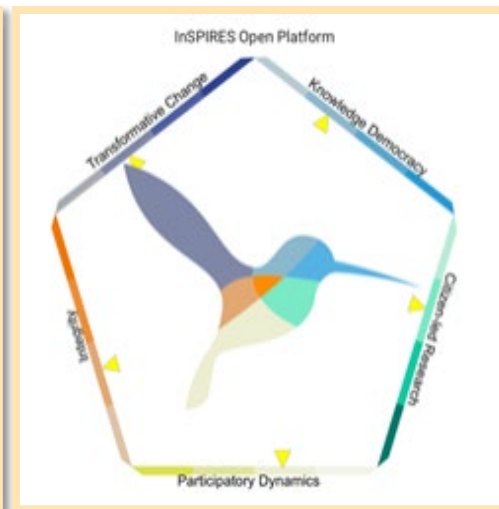
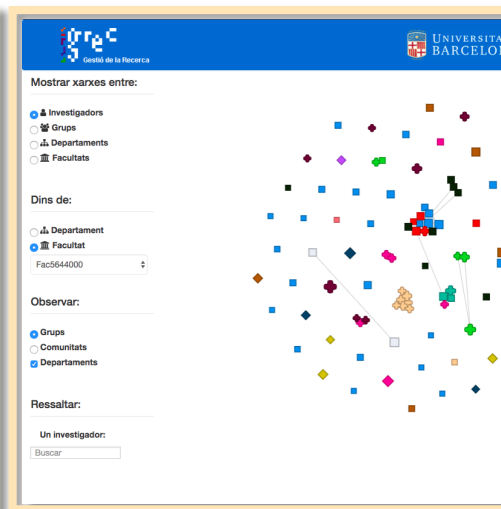
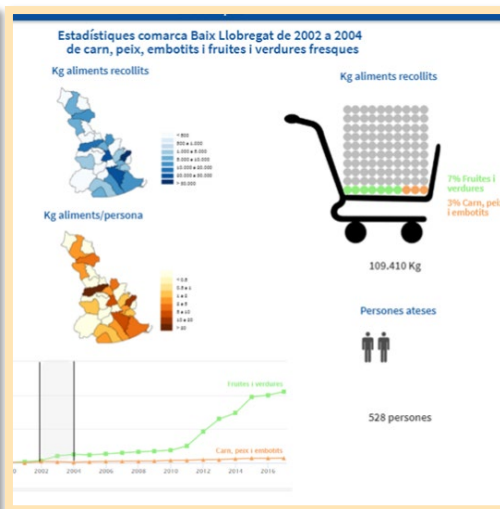
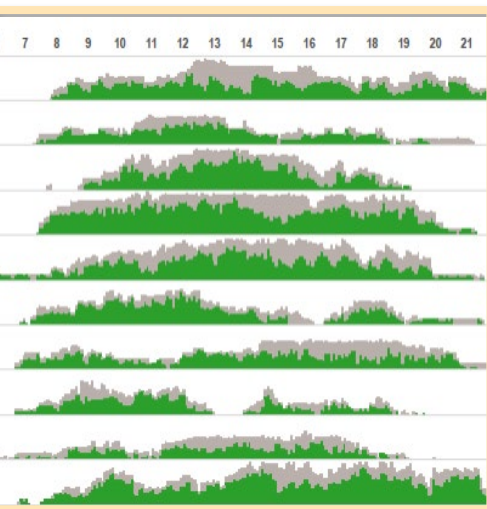


Wearable camera

Exploration study



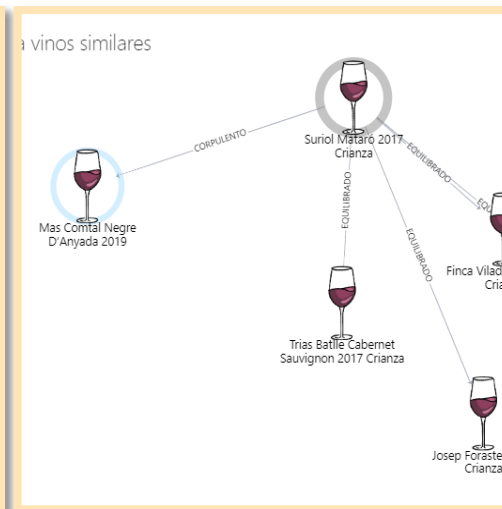
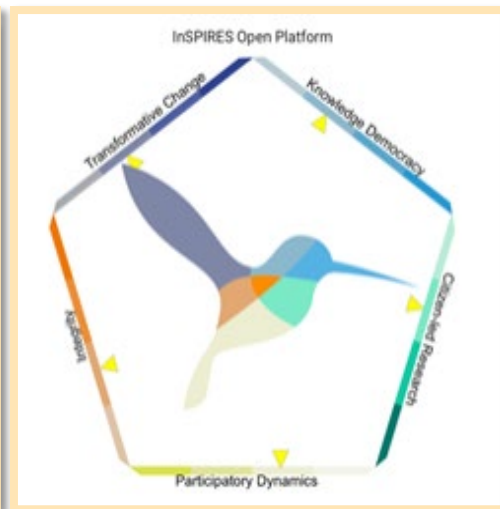
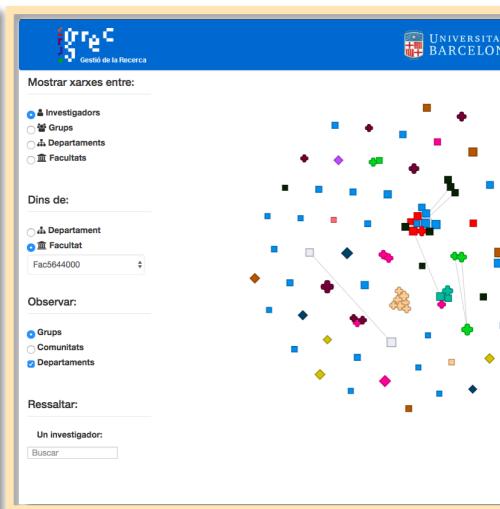
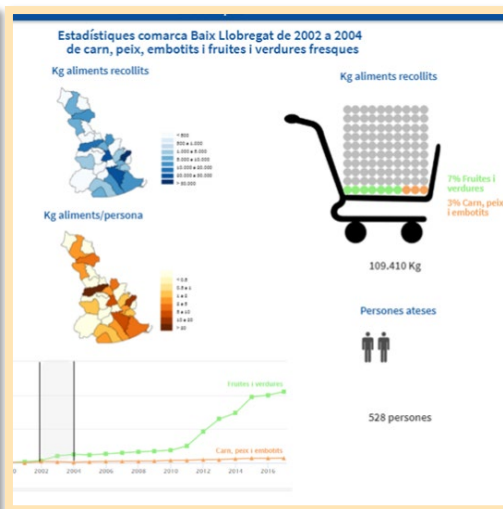
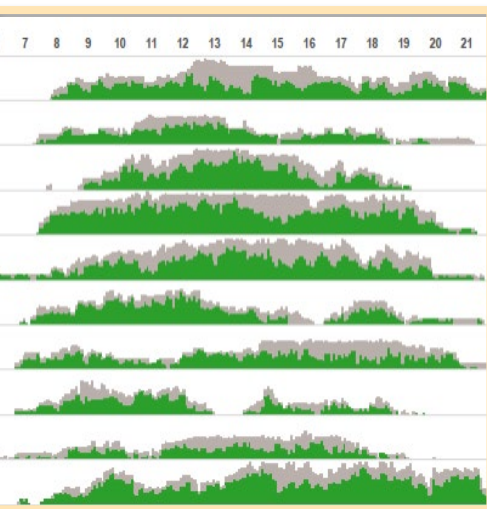
Some projects



Banc dels aliments



Some projects



Scientific networks at UB

Mostrar xarxes entre:

- ☒ Investigadors
☐ Grups
☐ Departaments
☐ Facultats

Dins de:

- ☐ Departament
☒ Facultat

Fac5644000

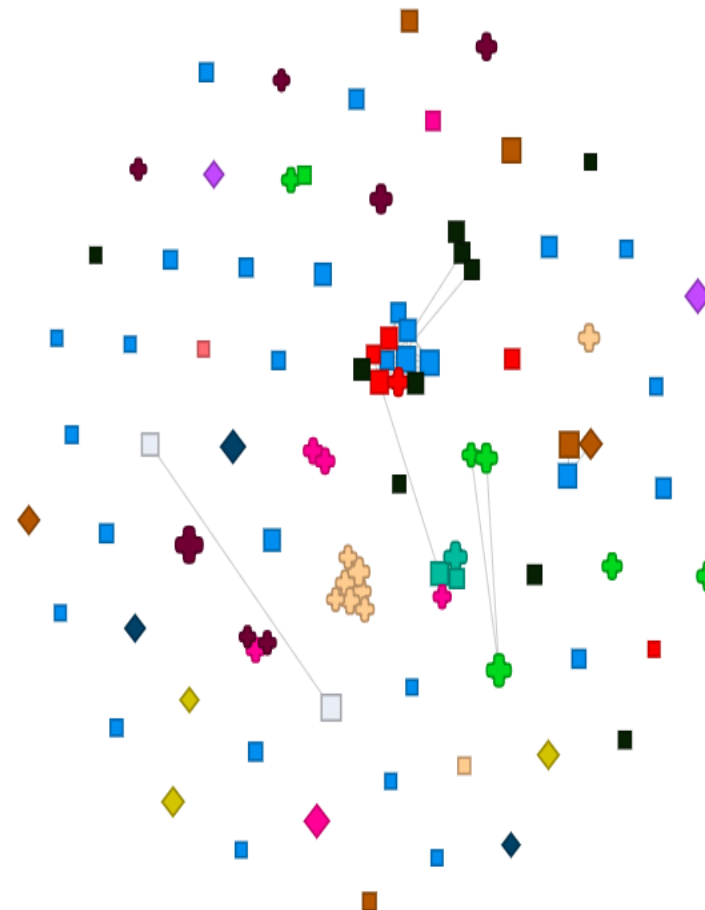
Observar:

- ☒ Grups
☐ Comunitats
☒ Departaments

Ressaltar:

Un investigador:

Buscar



Grups

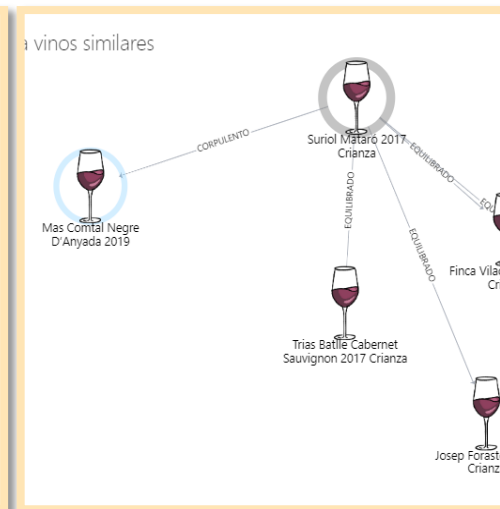
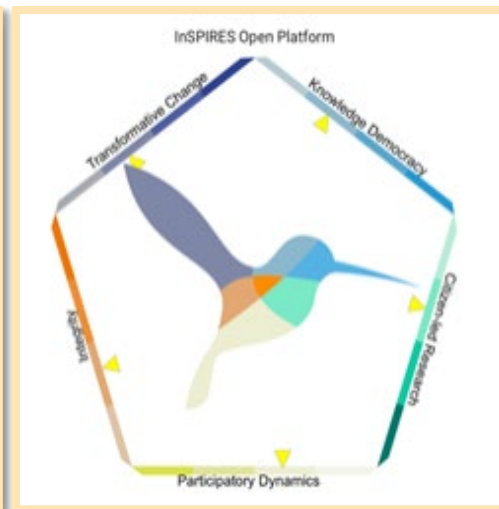
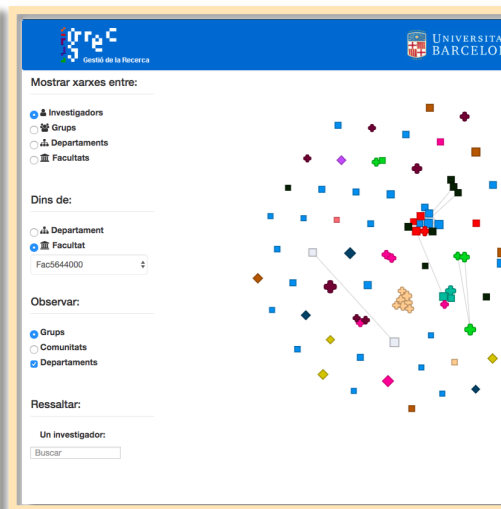
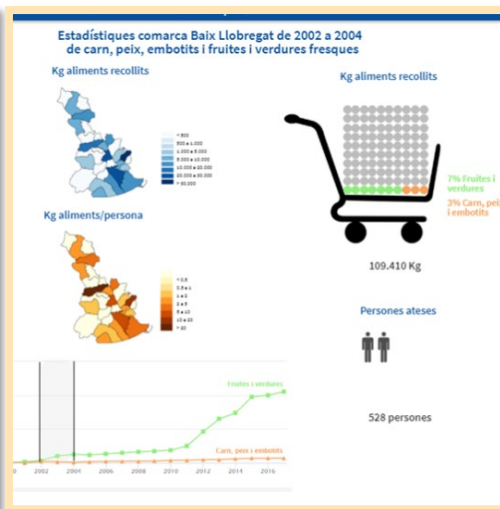
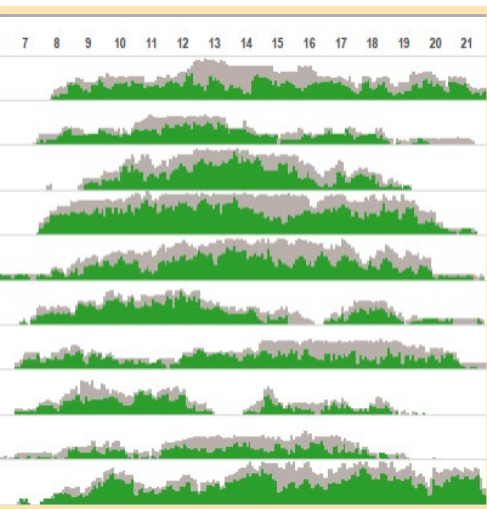
- ☒ Sense grup a 5056000
- ☐ Grup005064
- ☐ Grup004812
- ☐ Sense grup a 5056100
- ☐ Grup005000
- ☐ Grup004947
- ☐ Grup004966
- ☐ Grup004863
- ☐ Grup004799

Departaments

- ☐ Dep5056000
- ☐ Dep5056100
- ☐ Dep5154000


Ordenar llegendes per nombre d' articles o nodes

Some projects



Inspires platform

About


**Inspires Open Platform**
Structure


<http://app.inspiresproject.com>
External Website

inspires@inglobal.org
Contact Email

Carrer del Roselló, 110
Barcelona 08010
Postal Address

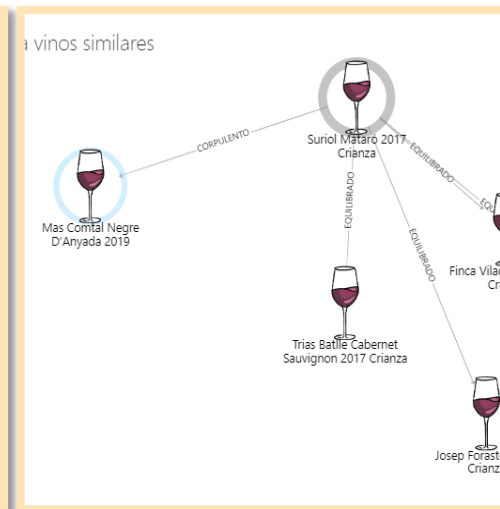
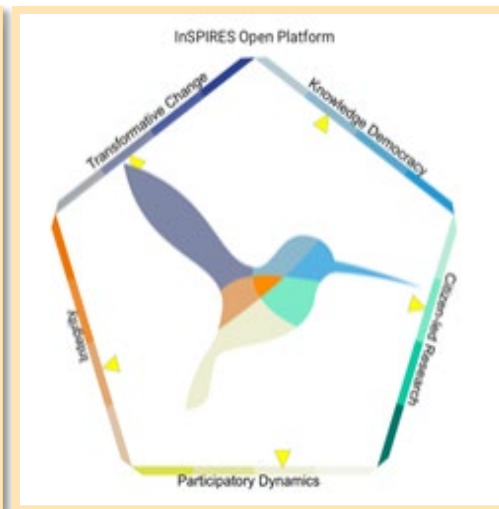
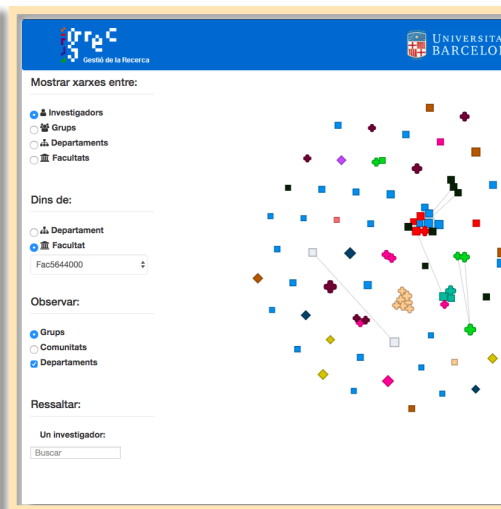
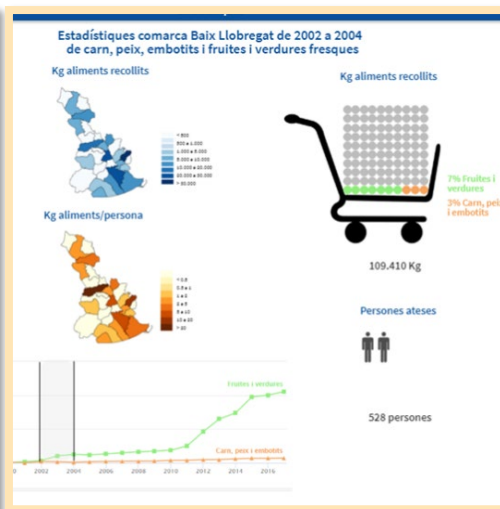
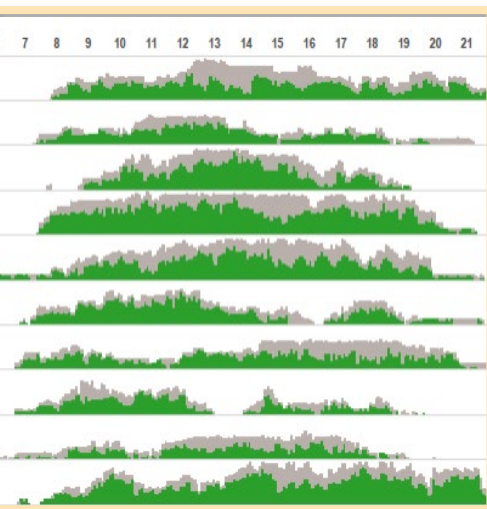
Participants

**Anna Sophie Grede**
Scientist

**Maria Jesús Piquero**
Scientist



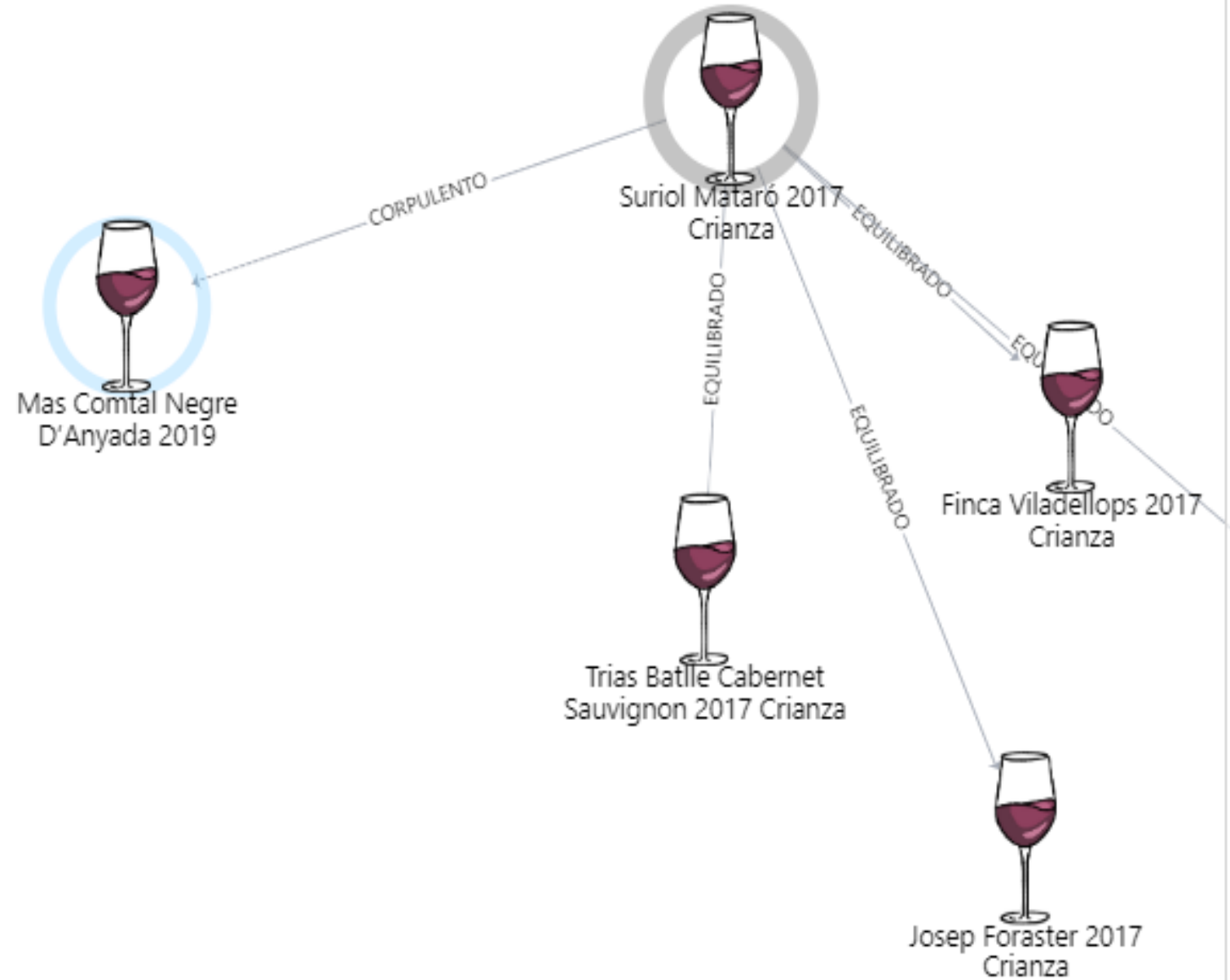
Some projects



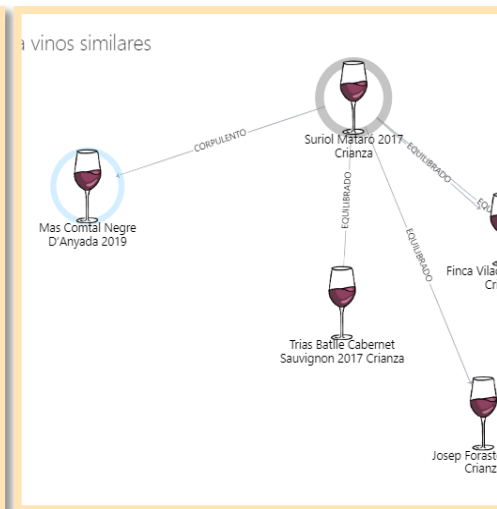
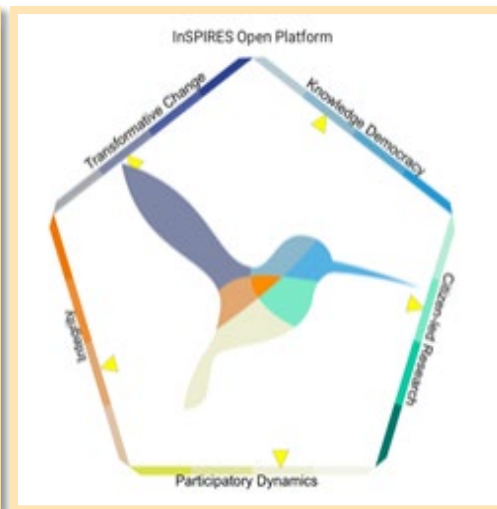
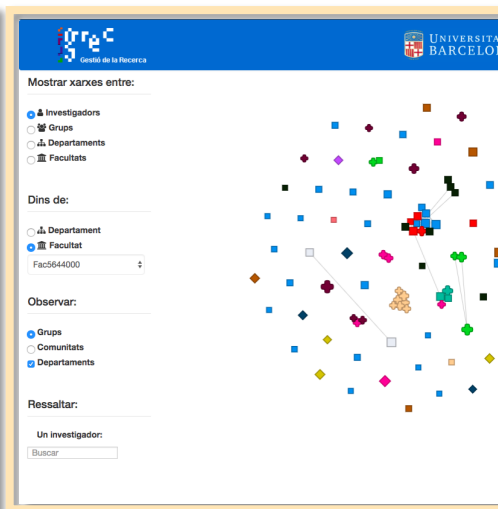
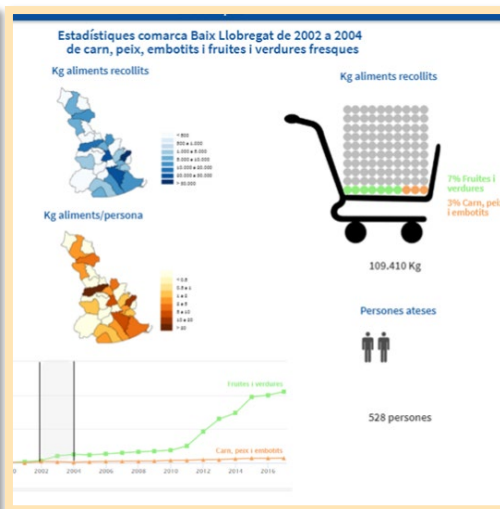
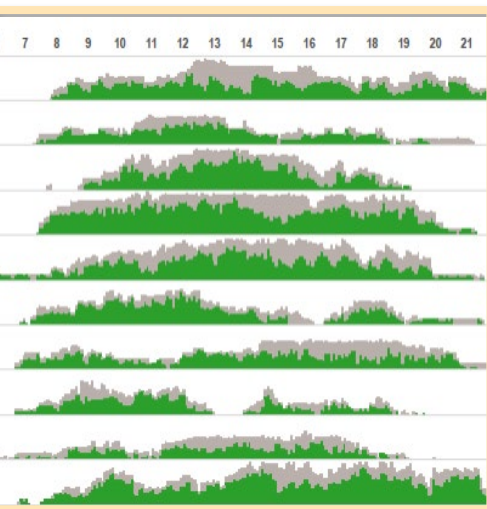
Explora vinos similares

Wine recommender

By
Herman Dempere
and Marc Garriga



Some projects



Accessibility of statistical charts

by
Ruben Alcaraz

Cod e	Title
H1	Title
H2	Legend
H3	Axes titles
H4	Caption
H5	Abbreviations
H6	Data source
H7	Print version
H8	Short alternative
H9	Long description

Code	Title
H10	Safe colours
H11	Contrast
H12	Legibility
H13	Image quality
H14	Resize
H15	Without disturbing elements
H16	Visible focus
H17	Device independent
H18	Customization

Thank you for your attention



MIREIA RIBERA | ACCESSIBILITAT DIGITAL
EXPERIÈNCIA D'USUARI
VISUALITZACIÓ DE DADES



UNIVERSITAT DE
BARCELONA