

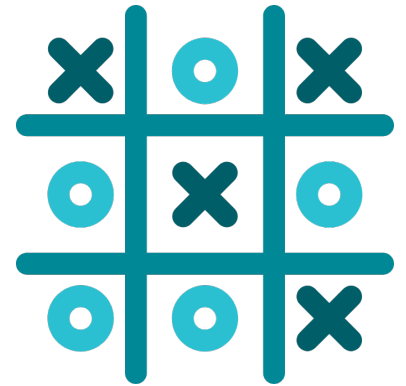
Presentation and visualization

2022-September. Rules of the game

Mireia Ribera

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Rules of the game





Practical information

Timetable:

Live sessions, Monday 16-18 p.m. T1

Contents and Deliveries at Campus Virtual



Goals

- To know **theoretical foundations** of information visualization
- To learn the **basics of a visualization library**



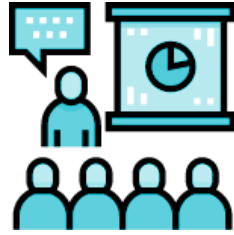
- To be able to select the best visualization for a specific **data**, **task** and **user**

Class organization

- Active classes

Part time theoretical concepts

Part time to share, work in groups or practice.





Evaluation

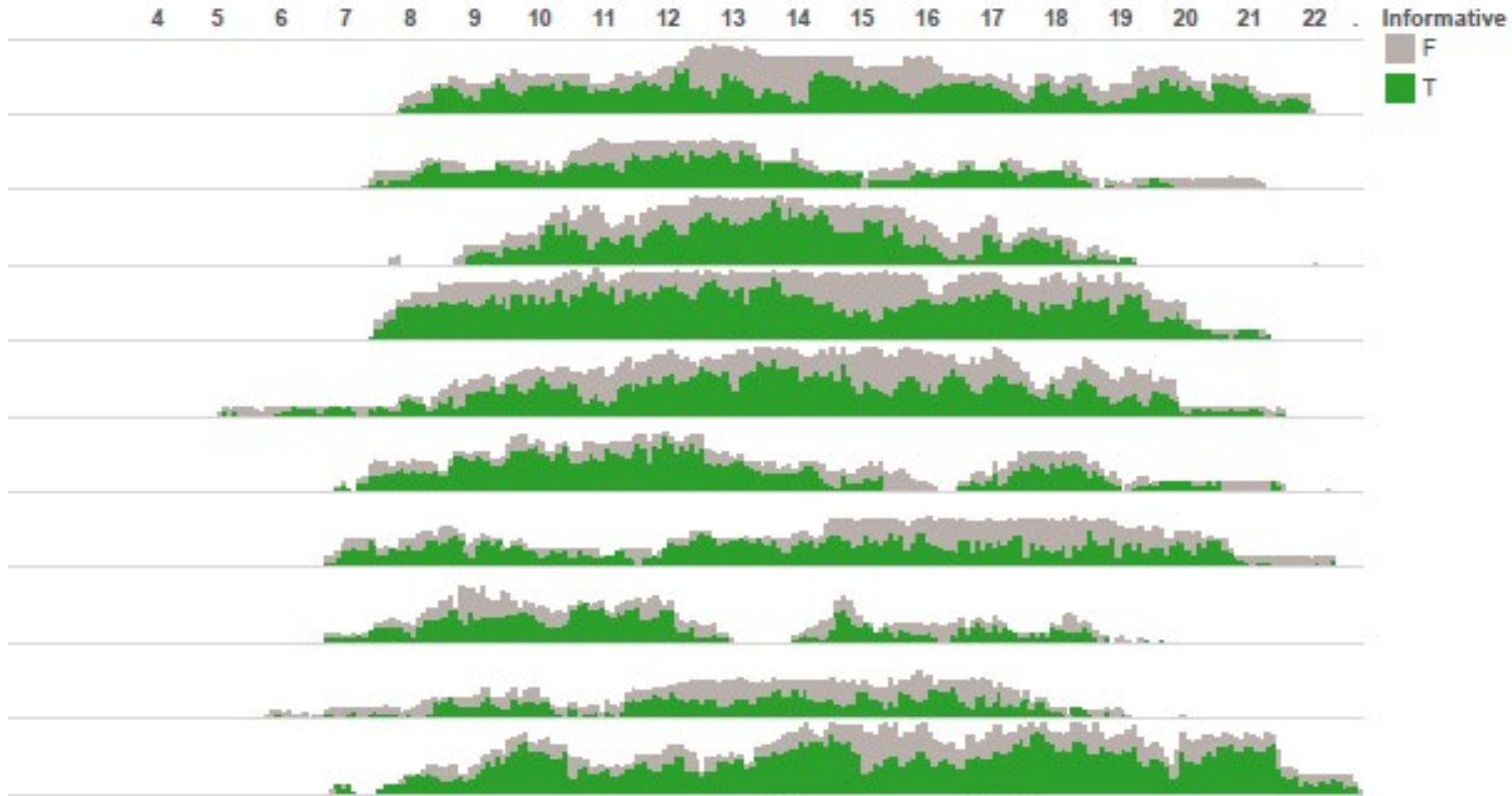
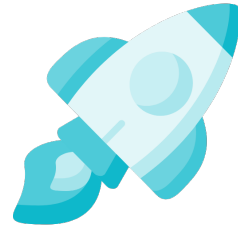
- **Dashboard** task (26th november, 40%)
two partial deliveries
- **Storytelling** task (10th January, 40%)
 - Teams of 2-3 people
 - Presented in public
 - Including report on decisions, methods..
 - One partial delivery + public presentation 19th december
- Final **exam** (20%)
 - Both theoretical questions and practical exercises



About me

- Computer science + Information science background
- Interests in HCI, user experience, accessibility and information visualization
- I expect your active participation

Some projects: wearable camera exploration study



Projects II: banc dels aliments



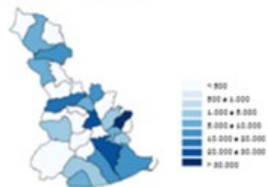
Estadístiques comarca Baix Llobregat de 2002 a 2004 de carn, peix, embotits i fruites i verdures fresques

Família aliments

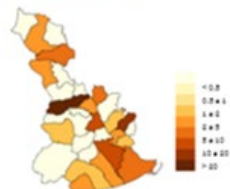
- ☐ Total
- ☐ Làctics i derivats
- ☐ Farines i derivats
- ☐ Arròs, pasta, sucre, llegums
- ☐ Conserves i plats preparats
- ☐ Olis i greixos
- ☒ Carn, peix, embotits
- ☐ Begudes i infusions
- ☒ Frutes i verdures fresques
- ☐ Congelats

Netejar filtres

Kg aliments recollits



Kg aliments/persona



Kg aliments recollits

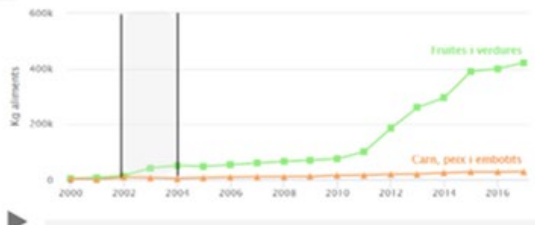


109.410 Kg

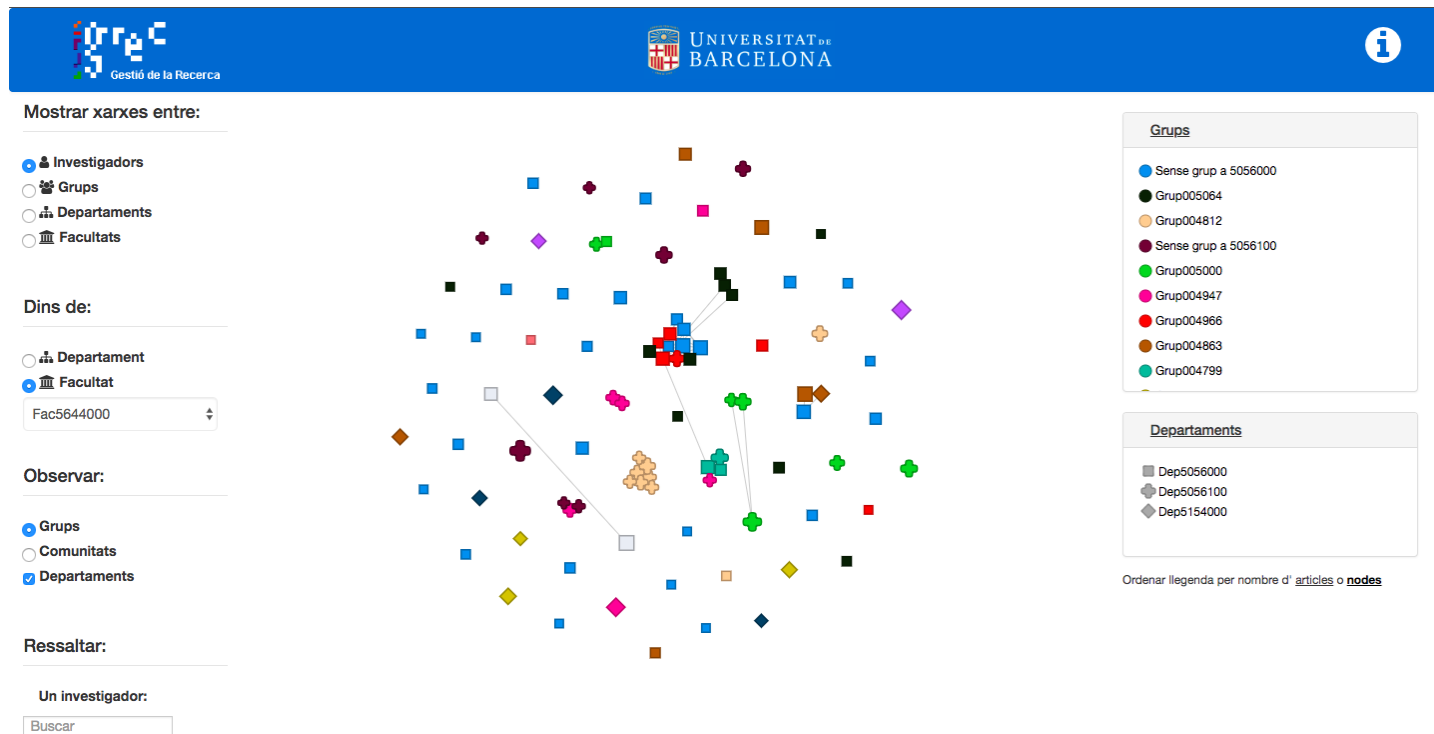
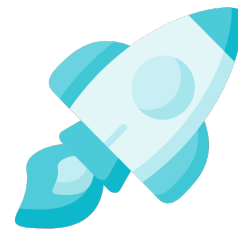
Persones ateses



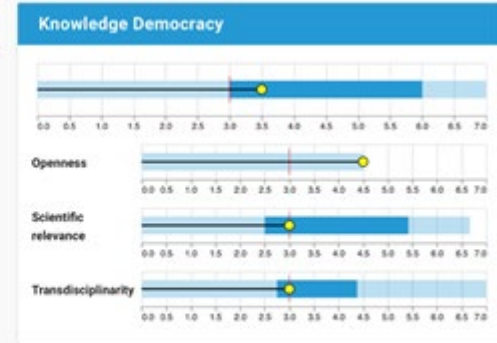
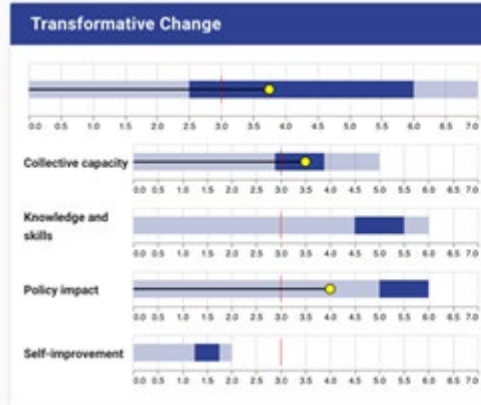
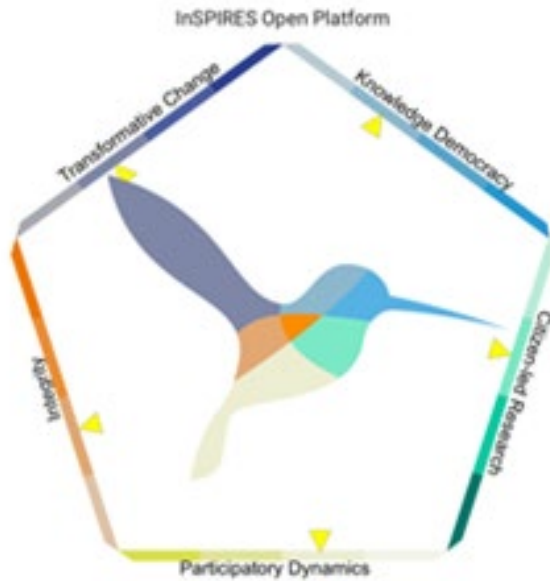
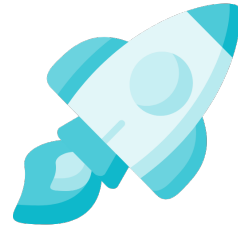
528 persones



Projects III: Scientific networks @ UB



Projects IV: Inspires platform

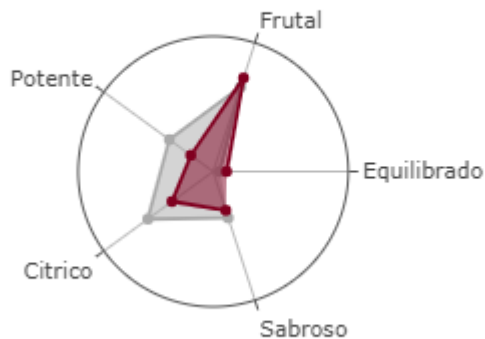


Projects V: Wine recommender,

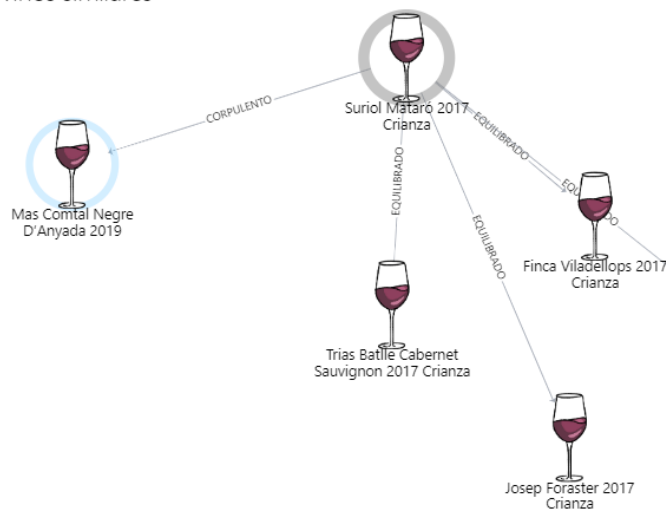
by Herman Dempere and Marc Garcia



Comparativa de Estilos



Explora vinos similares



Mas Comtal Negre D'Anyada 2019

Tipologia

tinto

D.O.

Penedès D.O. / D.O.P.

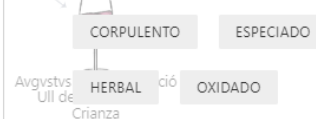
Bodega

Mas Comtal

Precio

8.50€

Estilo



Avigystis Ull de Crianza

ABRIR CARTA DEL VINO



Projects VI: Accessibility for low vision users

by Ruben Alcaraz

Code	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



What about **you**?

- Background?
- Previous experience?
- Do you like / dislike a specific visualization?
- What do you expect from this class?