

## 2nd Transnational Project Meeting: “Methodology and toolkit”

Ascoli Piceno, November 22-23, 2022

### Session 1: Healthy urban planning Teaching Methodological Guidelines (R2) and Educational Toolkit for healthy urban planning and urban participation (R3)

#### Health and Climate Profile Model e proposal for the Toolkit (CNR; CYI and UNICAM)

#### Healthy urban planning Teaching Methodological Guidelines (R2) and Educational Toolkit for healthy urban planning and urban participation (R3)

#### Framework for model Evaluation and proposal for the Toolkit (CNR and UNICAM)

**Stefania La Grutta, Velia Malizia, Giacomo Ilardo, Salvatore Fasola, Alessandra Pandolfo, Anna Bonomolo**



**Istituto di Farmacologia Traslazionale, IFT  
Consiglio Nazionale delle Ricerche, CNR, Palermo**



A wide-angle photograph of a long, straight asphalt road that curves slightly to the right in the distance. The road is flanked by white lines and a dashed yellow center line. The landscape is rural, with rolling hills covered in trees with autumn foliage (yellows and oranges) and open fields. The sky is a pale, hazy blue with soft clouds. The overall lighting suggests a late afternoon or early morning setting.

# Road to questionnaire

# Road to questionnaire

What has been done



R1 included papers → SWOT analysis → graphical analysis via:

- wordclouds
- graphs

What will be done



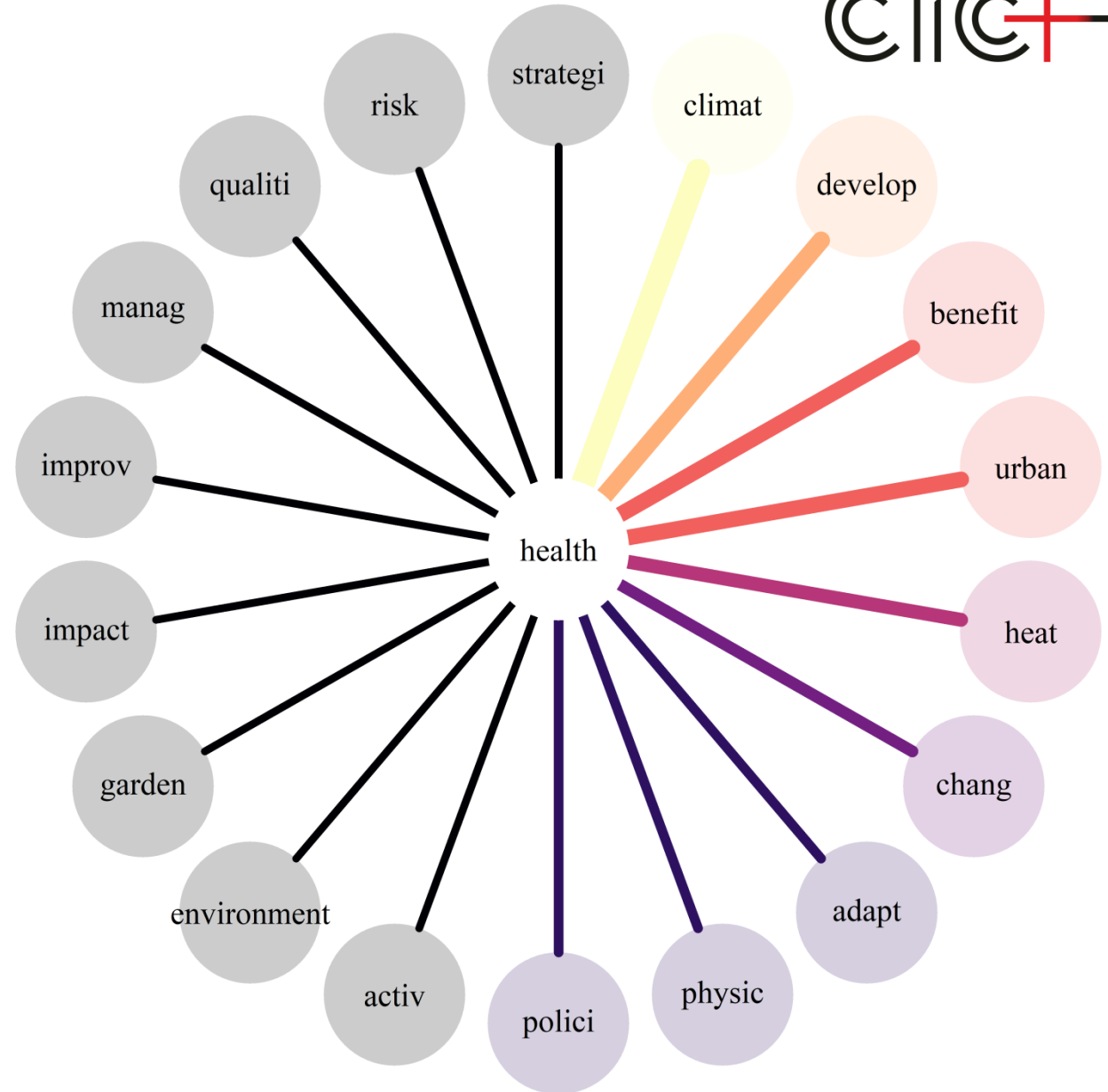
questionnaire based on graphical results

# Metodology

- Text cleaning
- Text stemming → reduction of the words to their stem
- Word counting
- Graphical representations:
  - Wordclouds (words with at least 3 occurrences)
  - Graphs (words that occur with **health** word): link color and thicknes is related with word occurrency



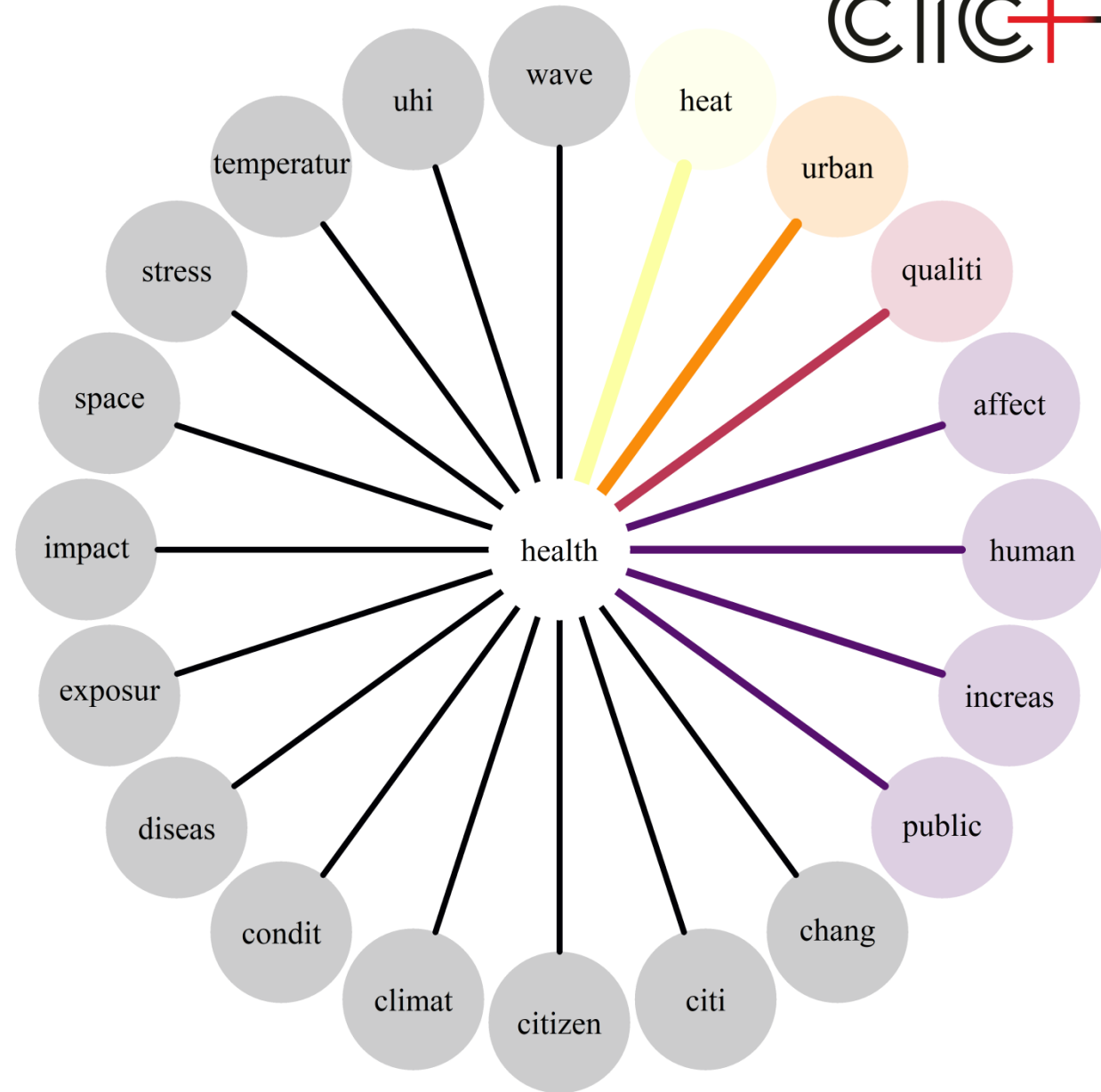
# STRENGTHS graph



# WEAKNESSES wordcloud



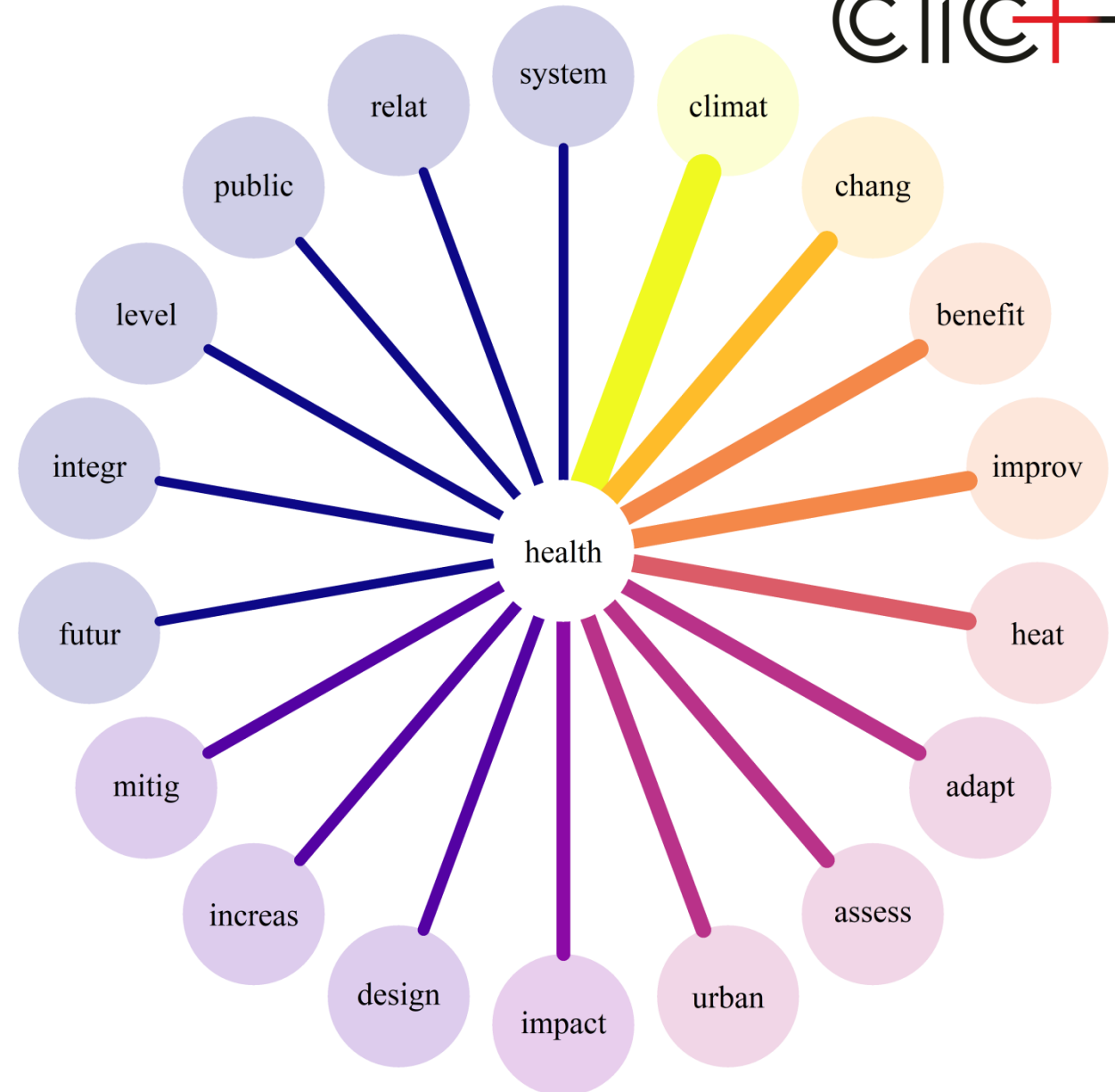
# WEAKNESSES graph



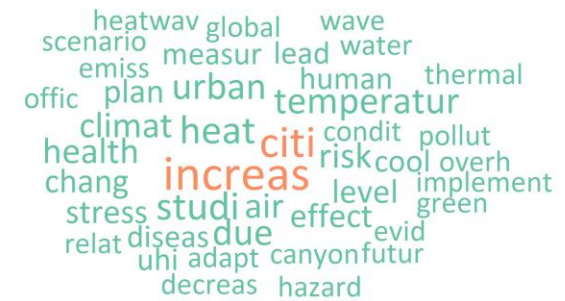




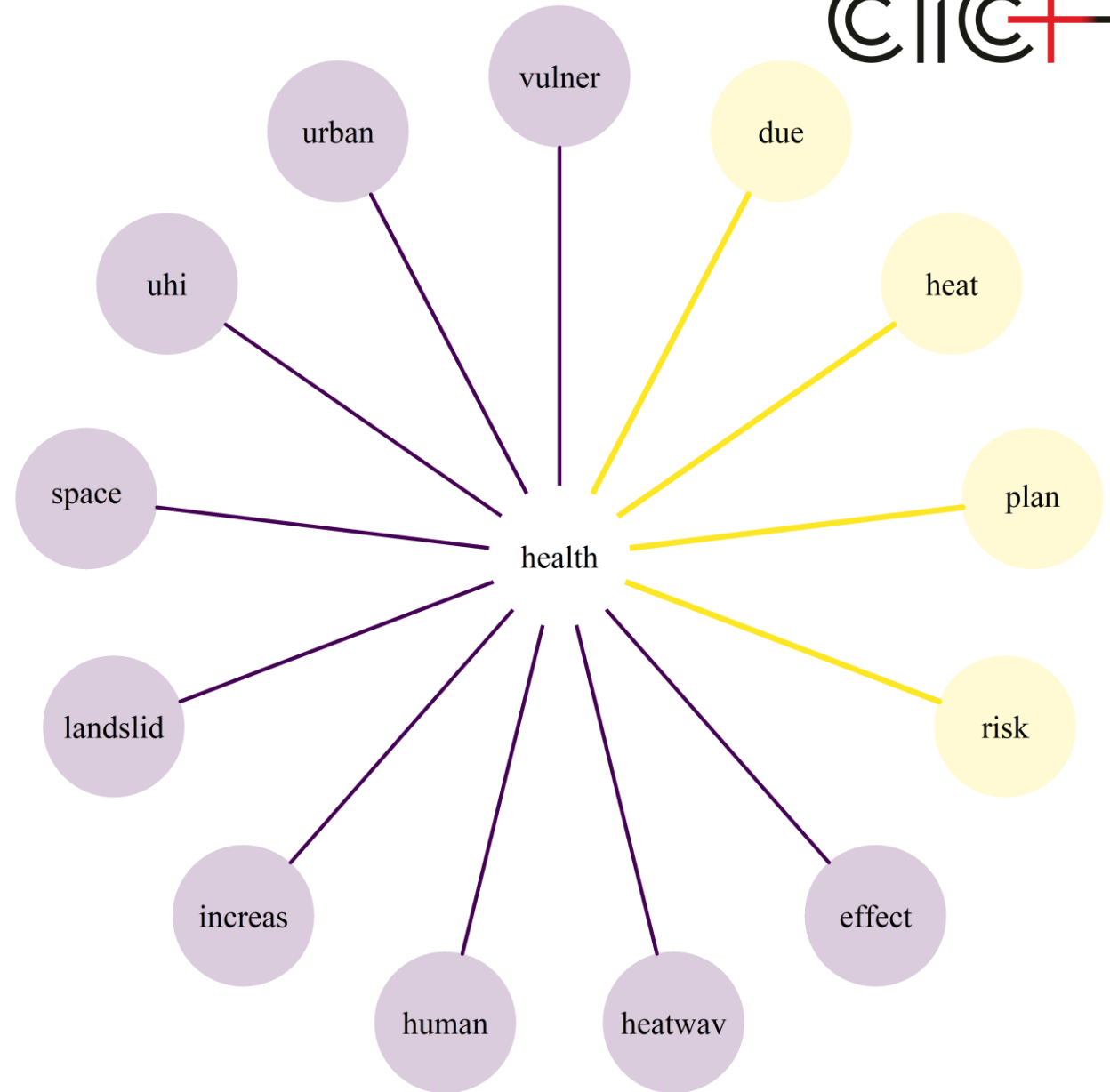
# OPPORTUNITIES graph



# THREATS wordcloud



# THREATS graph



Road to  
questionnaire  
↓  
we've reached a  
crossroads



Road to  
questionnaire  
↓  
we've reached a  
crossroads

Determining clusters of students

**Latent Class Analysis**



Road to  
questionnaire  
↓  
we've reached a  
crossroads

**Stakeholder Analysis**

Determining the most interested, expert, and influential students

Roads to  
questionnaire  
↓  
which one will  
we take?

Determining  
clusters of  
students

**Latent Class Analysis**

**Stakeholder Analysis**

Determining the  
most interested,  
expert, and  
influential students





CiCHE

Thanks for your attention

[stefania.lagrutta@ift.cnr.it](mailto:stefania.lagrutta@ift.cnr.it)

[velia.malizia@ift.cnr.it](mailto:velia.malizia@ift.cnr.it)

[giacomoilardo@gmail.com](mailto:giacomoilardo@gmail.com)



Istituto di Farmacologia Traslazionale  
ROMA · L'AQUILA · CAGLIARI · PALERMO  
CONSIGLIO NAZIONALE DELLE RICERCHE

Co-funded by the  
Erasmus+ Programme  
of the European Union

