

Evaluating the respect of fundamental rights

The case of the Prison Life Index

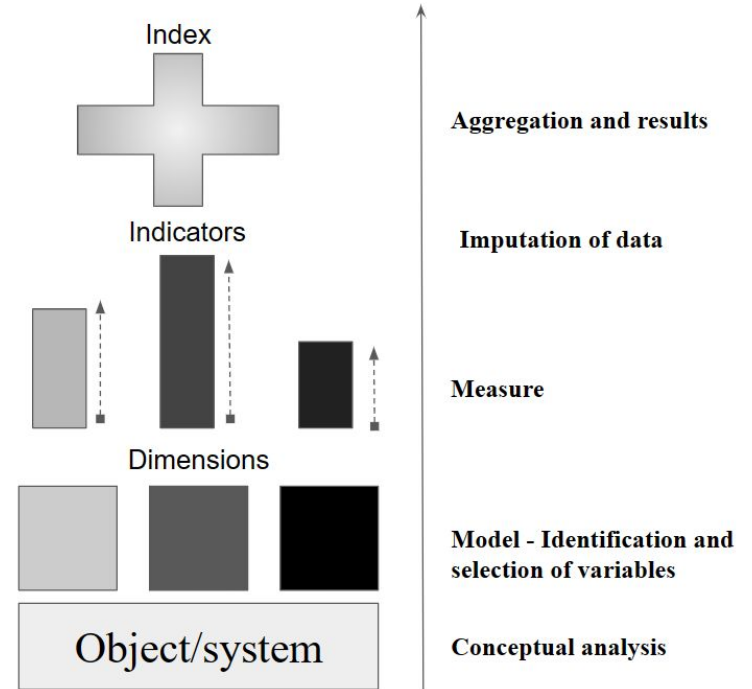
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Prison Insider

Objectives of the presentation

- > Connect **theoretical issues** with **methodological decisions**
- > Present **preliminary results**
- > Propose ways of building meaningful and sound indexes



See Martin Moro, Escoffier, Laufer, *Modelling the Prison Life Index with the Value Focused Thinking Methodology*, TBP

Decision-making context

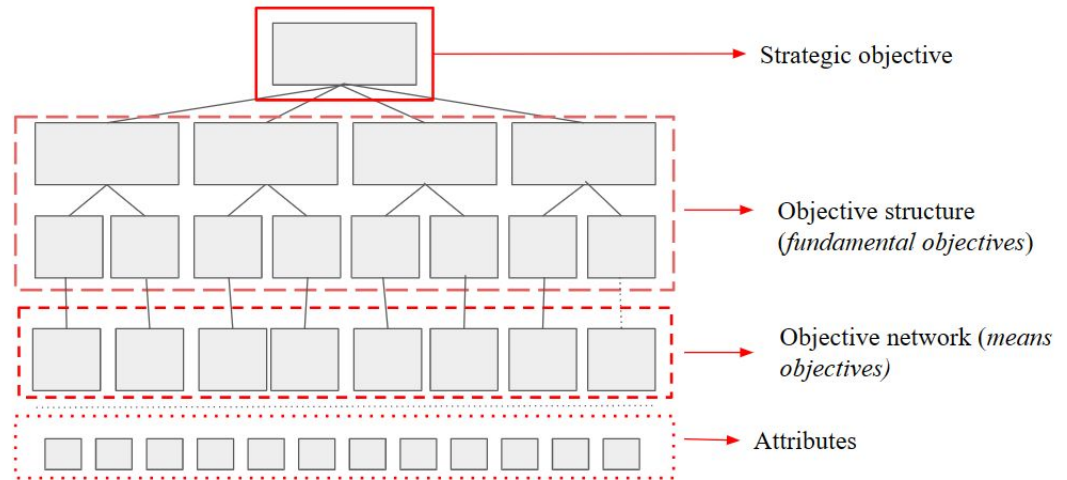
- > **Decision makers** : multi-disciplinary consortium

Development of the model

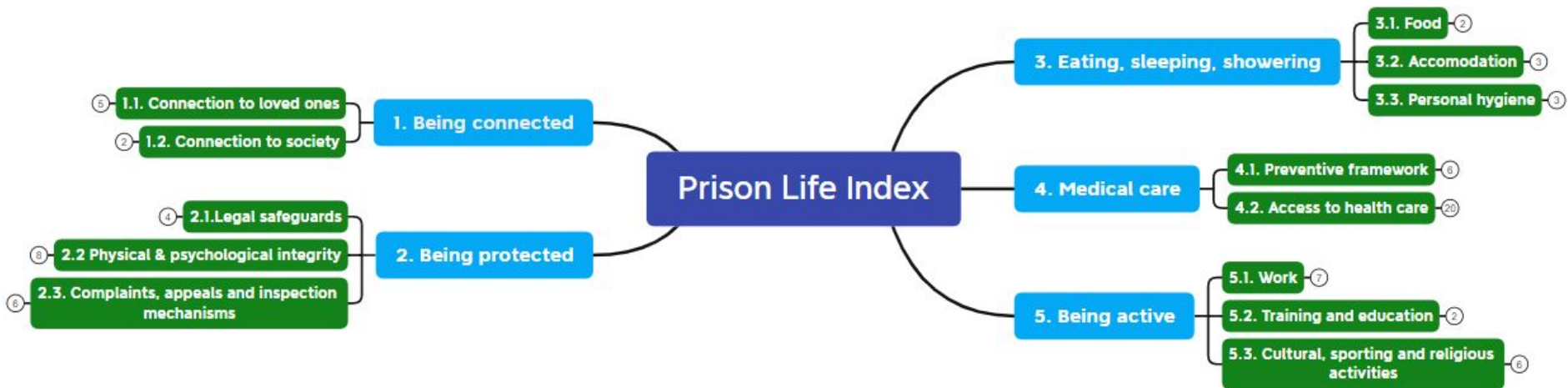
> Using **Ralph Keeney's Value Focused Thinking** methodology (1992) to build the model of the index

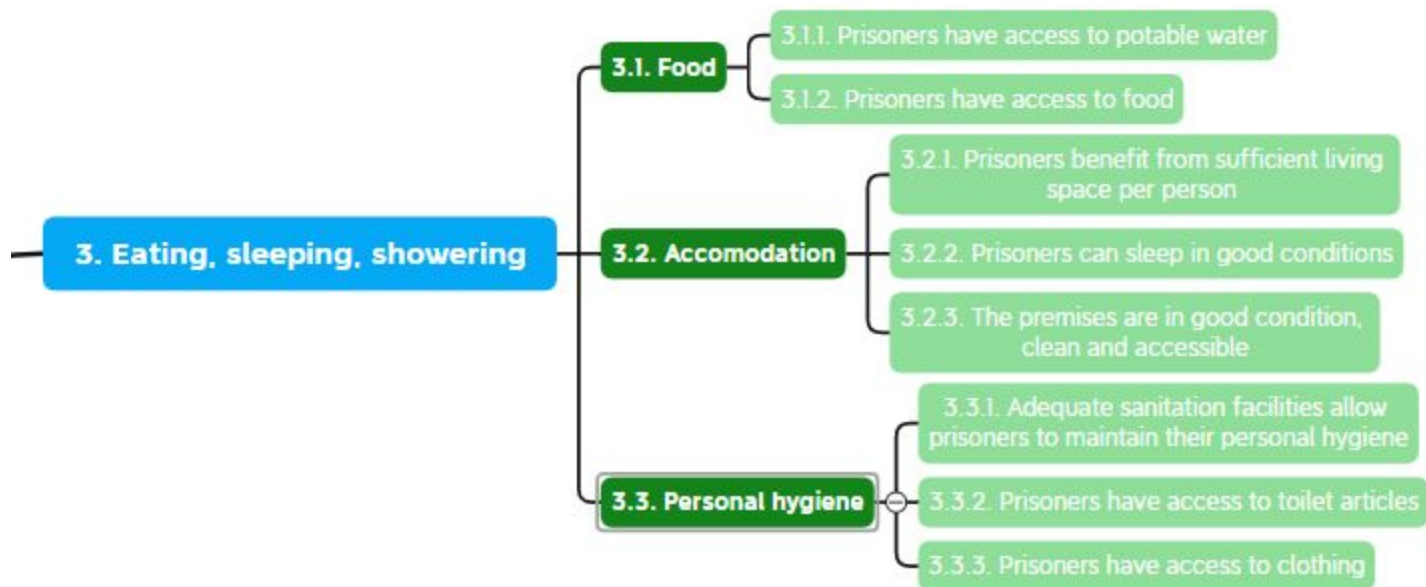
Cf. **Rousval & Bouyssou** (2008)

> *Value focused vs. data focused*



See Martin Moro, Escoffier, Laufer, Mesurer le respect des droits fondamentaux : intérêt et défis - l'exemple du *Prison Life Index*, RIEJ, TBP 2024



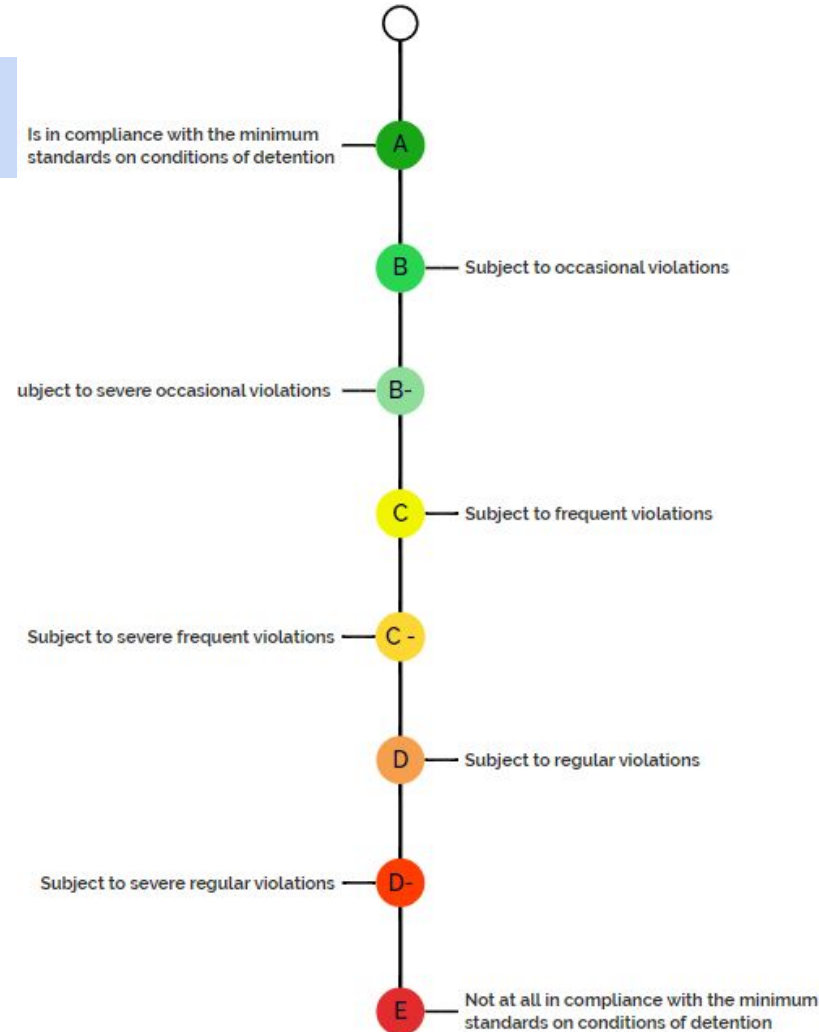


Data used

> Ordinal data / semantic scale

> Evaluation of experts reflecting a consensus of perceptions (**use of median**)

> **3 evaluations per indicator**



Choice of the aggregation model

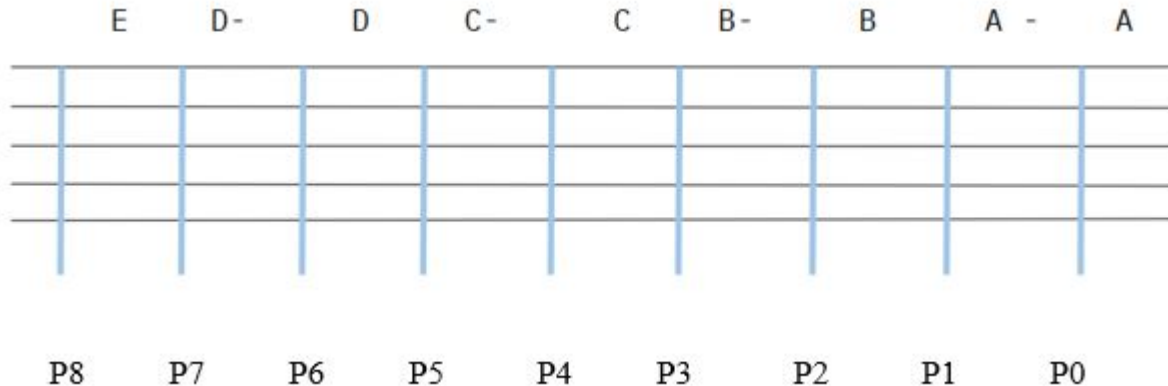
> Initial constraints : *limitation of compensation, penalization of unbalanced profiles, evaluations of indicators = final evaluations*

> Choice of an aggregation from the ELECTRE family :
ELECTRE-TRI

Procedure

We take the subcategory *"Being connected to loved ones."*

- Let alternative a be Ireland
- Let C be the set of evaluations defining the categories.
- We have $C = \{A, B, B-, C, C-, D, D-, E\}$ where $A = C_1, B = C_2, \dots$ and $E = C_8$
- The profiles and categories are defined as follows:



with P_{i+1}
dominating
 P_i
according
to Pareto
dominance

Procedure

- Let e_i be the evaluations of Ireland on the categories "Connection to loved ones." **There are 5 criteria**

We have:

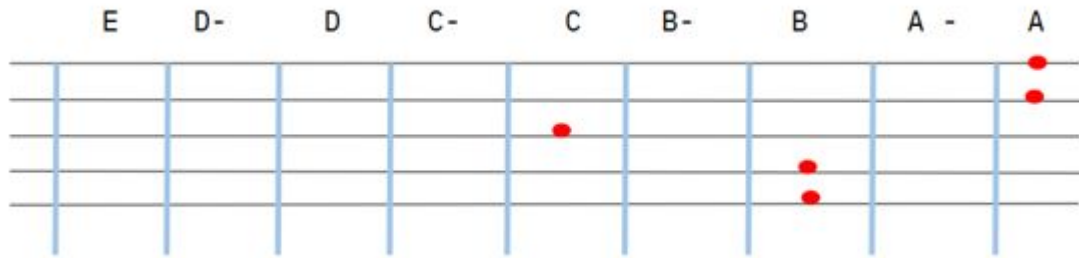
= A

= A

= C

= B

= B



Majority threshold > 50%

Criteria chosen : B

Veto threshold = 3

Not applicable

Preliminary results

Eating, sleeping and showering
Food
Accommodation
Personal hygiene
Medical Care
Preventive framework
Access to health care
Being protected
Legal safeguards
Physical and Psychological integrity
Complaints, appeals and inspection
Being connected
Being connected to loved ones
Connection to society
Being active
Work (prisoners are not subjected to forced
Training and education
Cultural, sporting and religious activities

Ireland

B
B
C
A
C
A
C-
B
B-
E
B
B
A
C-
B
C
D
C
C
C
C
C
B-

South Africa

C-
B
H
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Lebanon

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Georgia

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Chile

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D

Conclusion : perspective and limits

> Efficiency of production

> Subjectivity of data