

Projecting drivers of human vulnerability under the Shared Socioeconomic Pathways

Guillaume Rohat ^{1,2}

¹Institute for Environmental Sciences, University of Geneva, Switzerland

²Faculty of Geo-Information Science and Earth Observation, University of Twente, The Netherlands

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Supplementary material – Figures S1 and S2

Figure S1 – Online questionnaire distributed to the experts in overweight and obesity

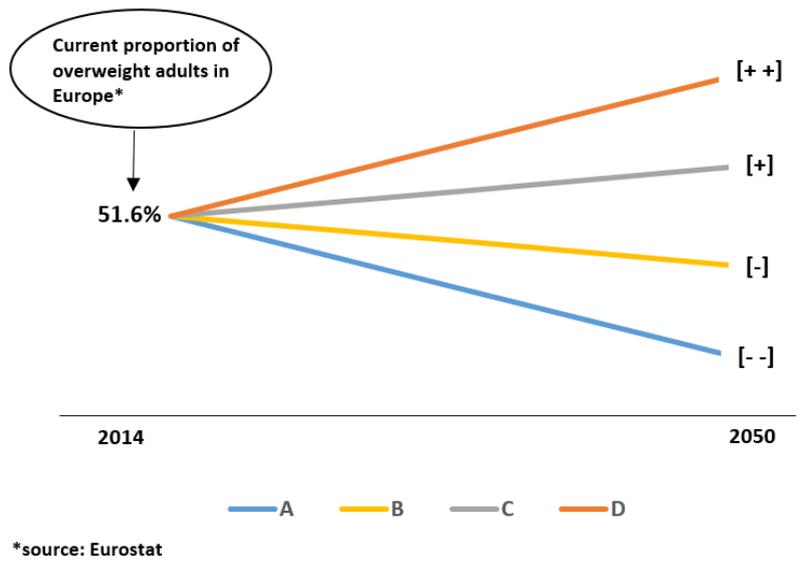
Questionnaire

Future proportion of overweight people (adults) in Europe: experts-based quantification

Short description of the four European socioeconomic scenarios' characteristics

	Socioeconomic scenarios			
Determinants	A - Sustainability	B - Conventional development	C - Inequality	D - Fragmentation
Population health conditions	Large improvement	Improvement	Improvement for elites, decrease for other	Large decrease
Environmental conditions	Large improvement	Improvement	Inequal	Large decrease
Human health investments	High	High	High for elites only	Low
Education investments	High	High	High for elites only	Low
Social capital and cohesion	High	High	Low	Low
Changes of dietary patterns	Major changes to lower burden of some chronic diseases	No change	A few changes in elites to lower burden of some chronic diseases	No change
Governance	High collaboration, efficient, coordinated efforts to achieve SDGs	High collaboration, focusing on business and economic development	Weak institutions, governments focusing on national security and internal issues	Weak governance and institutions, lack of collaboration and consensus
Ageing of the population	High	Medium	High	Medium

Trends of proportion of overweight people (adults only, BMI ≥ 25) in Europe for the four socioeconomic scenarios:



Question 1: In view of the scenarios' characteristics listed in the table above, to what degree do you agree with the trends of proportion of overweight people (adults) in Europe presented in the figure above?

- 1 – Strongly disagree
- 2
- 3
- 4
- 5 – Strongly agree

Question 2: Please provide numerical ranges of the future proportion (in %) of overweight people (adults) in Europe in 2050, for each trend category (e.g. [++]: 59-63%). Overlapping between ranges is possible but not compulsory.

- [++] _____
- [+] _____
- [-] _____
- [- -] _____

Figure S2 – Online questionnaire distributed to the experts in household composition

Questionnaire

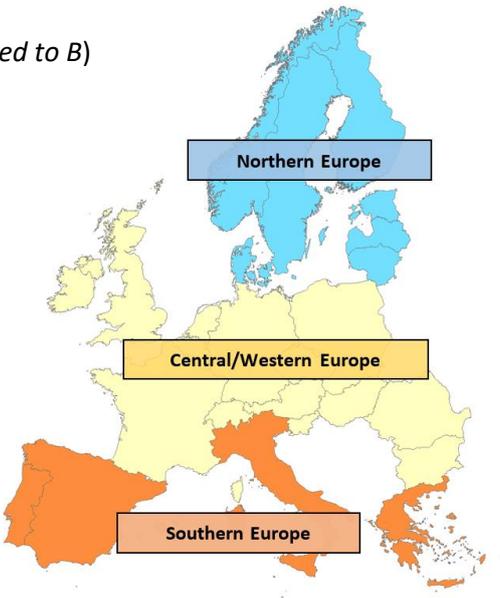
Future proportion of elderly (>65 years) living alone in Europe: experts-based quantification

Short description of the four European socioeconomic scenarios' characteristics

	Socioeconomic scenarios			
Determinants	A - Sustainability	B - Fragmentation	C - Inequality	D - Conventional development
Social cohesion	High and familistic	Moderate	Low	High but individualistic
Population health conditions	Large improvement	Large decrease	Improvement for elites only	Improvement
Economic conditions	Large improvement	Large decrease	Improvement for elites only	Large improvement
Ageing of the population	High	Medium	High	Medium
Governance efficiency and orientation	Efficient, towards quality of life and human capital	Very weak, no particular orientation	Weak, towards national security	Efficient, towards business and economic development
Investment in health and social support	Very high	Low	High for elite only	High

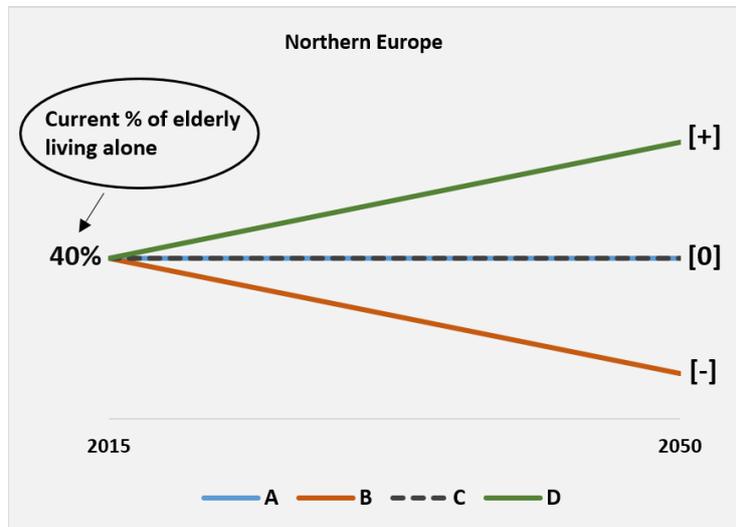
Question 1: *What is your geographical region of expertise, if any?*

- Northern Europe (redirected to A)
- Central / Western Europe (redirected to B)
- Southern Europe (redirected to C)
- All Europe (redirected to ABC)



A. Northern Europe

Trends of proportion of elderly (>65 year) living alone in Northern Europe for the four socioeconomic scenarios:



Question A.1: In view of the scenarios' characteristics listed in the table above, to what degree do you agree with the trends of elderly living alone in Northern Europe presented in the figure above?

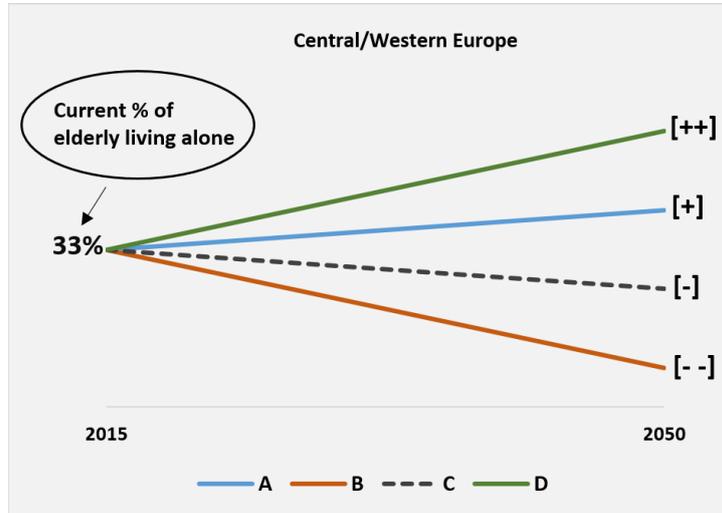
- 1 – Strongly disagree
- 2
- 3
- 4
- 5 – Strongly agree

Question A.2: Please provide numerical ranges of the future proportion (in %) of elderly living alone in Northern Europe in 2050, for each trend category (e.g. [+]: 47-50%). Overlapping between ranges is possible but not compulsory.

- [+] _____
- [-] _____

B. Central/Western Europe

Trends of proportion of elderly (>65 year) living alone in Central/Western Europe for the four socioeconomic scenarios:



Question B.1: In view of the scenarios' characteristics listed in the table above, to what degree do you agree with the trends of elderly living alone in Central/Western Europe presented in the figure above?

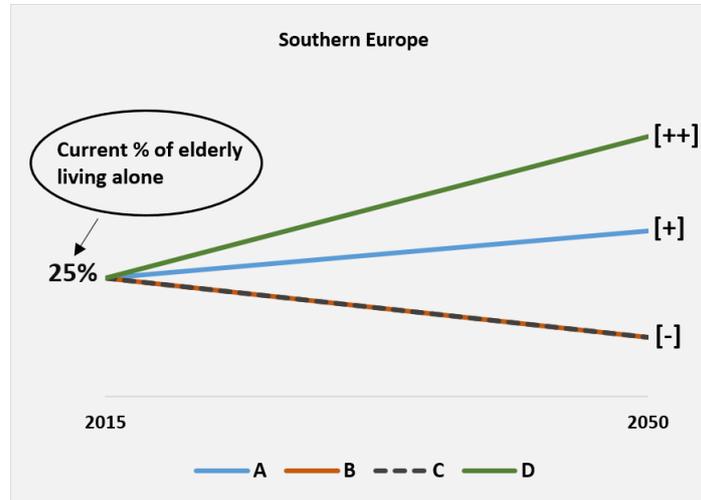
- 1 – Strongly disagree
- 2
- 3
- 4
- 5 – Strongly agree

Question B.2: Please provide numerical ranges of the future proportion (in %) of elderly living alone in Central/Western Europe in 2050, for each trend category (e.g. [++]: 41-45%). Overlapping between ranges is possible but not compulsory.

- [++] _____
- [+] _____
- [-] _____
- [- -] _____

C. Southern Europe

Trends of proportion of elderly (>65 year) living alone in Southern Europe for the four socioeconomic scenarios:



Question C.1: In view of the scenarios' characteristics listed in the table above, to what degree do you agree with the trends of elderly living alone in Southern Europe presented in the figure above?

- 1 – Strongly disagree
- 2
- 3
- 4
- 5 – Strongly agree

Question C.2: Please provide numerical ranges of the future proportion (in %) of elderly living alone in Southern Europe in 2050, for each trend category (e.g. [++]: 32-35%). Overlapping between ranges is possible but not compulsory.

- [++] _____
- [+] _____
- [-] _____