Projecting drivers of human vulnerability under the Shared Socioeconomic Pathways

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Submitted to the International Journal of Environmental Research and Public Health

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**

<table>
<thead>
<tr>
<th>Determinants</th>
<th>Socioeconomic scenarios</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A - Sustainability</td>
</tr>
<tr>
<td>Population health conditions</td>
<td>Large improvement</td>
</tr>
<tr>
<td>Environmental conditions</td>
<td>Large improvement</td>
</tr>
<tr>
<td>Human health investments</td>
<td>High</td>
</tr>
<tr>
<td>Education investments</td>
<td>High</td>
</tr>
<tr>
<td>Social capital and cohesion</td>
<td>High</td>
</tr>
<tr>
<td>Changes of dietary patterns</td>
<td>Major changes to lower burden of some chronic diseases</td>
</tr>
<tr>
<td>Governance</td>
<td>High collaboration, efficient, coordinated efforts to achieve SDGs</td>
</tr>
<tr>
<td>Ageing of the population</td>
<td>High</td>
</tr>
</tbody>
</table>
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**

<table>
<thead>
<tr>
<th>Determinants</th>
<th>Socioeconomic scenarios</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A - Sustainability</td>
</tr>
<tr>
<td>Social cohesion</td>
<td>High and familistic</td>
</tr>
<tr>
<td>Population health conditions</td>
<td>Large improvement</td>
</tr>
<tr>
<td>Economic conditions</td>
<td>Large improvement</td>
</tr>
<tr>
<td>Ageing of the population</td>
<td>High</td>
</tr>
<tr>
<td>Governance efficiency and orientation</td>
<td>Efficient, towards quality of life and human capital</td>
</tr>
<tr>
<td>Investment in health and social support</td>
<td>Very high</td>
</tr>
</tbody>
</table>

**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:

![Graph showing trends of proportion of elderly living alone in Southern Europe.](image)

**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.

- [++] __________________________
- [+] __________________________
- [-] __________________________