

Effect of climate change on health

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WHO

**”Climate change is the
single biggest health
threat facing humanity”**

**In Denmark, the
weather is getting
warmer, wetter, and
wilder**

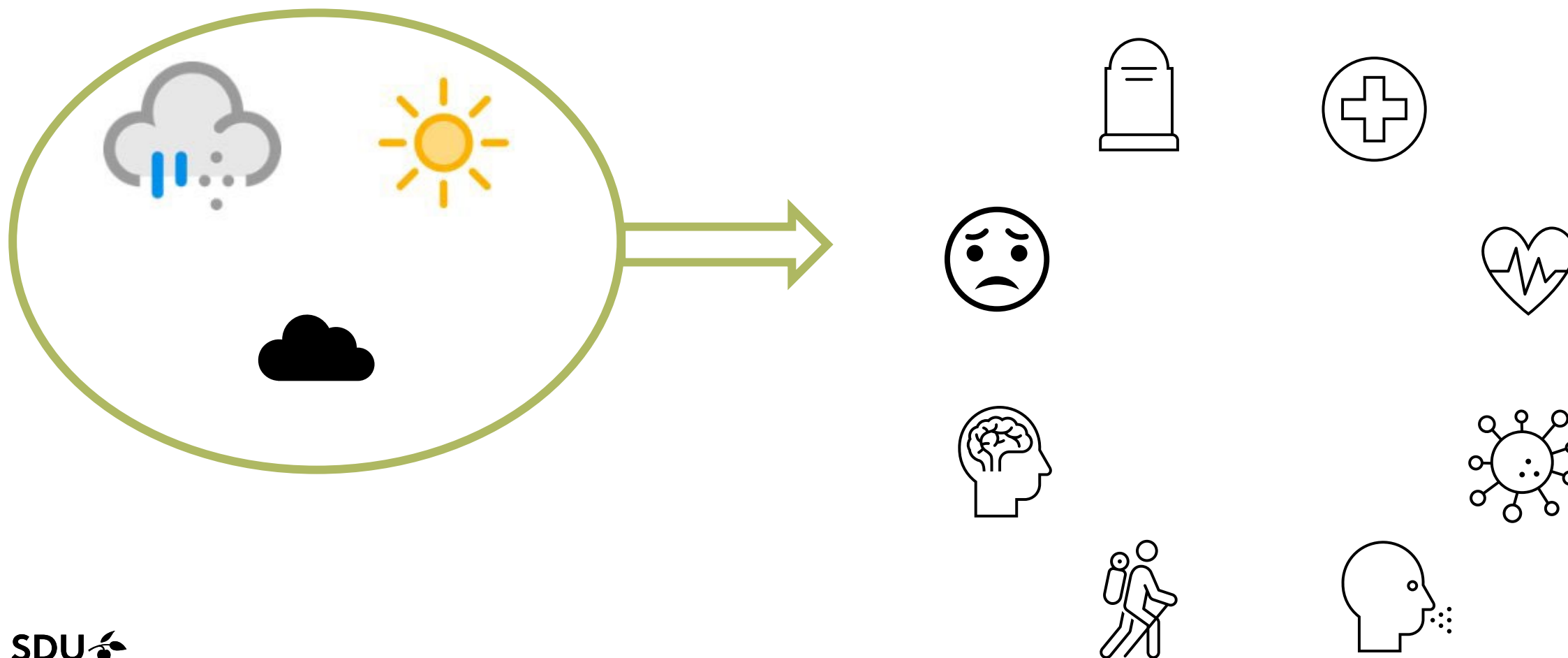


Depending on the emission scenario toward 2100, in Denmark

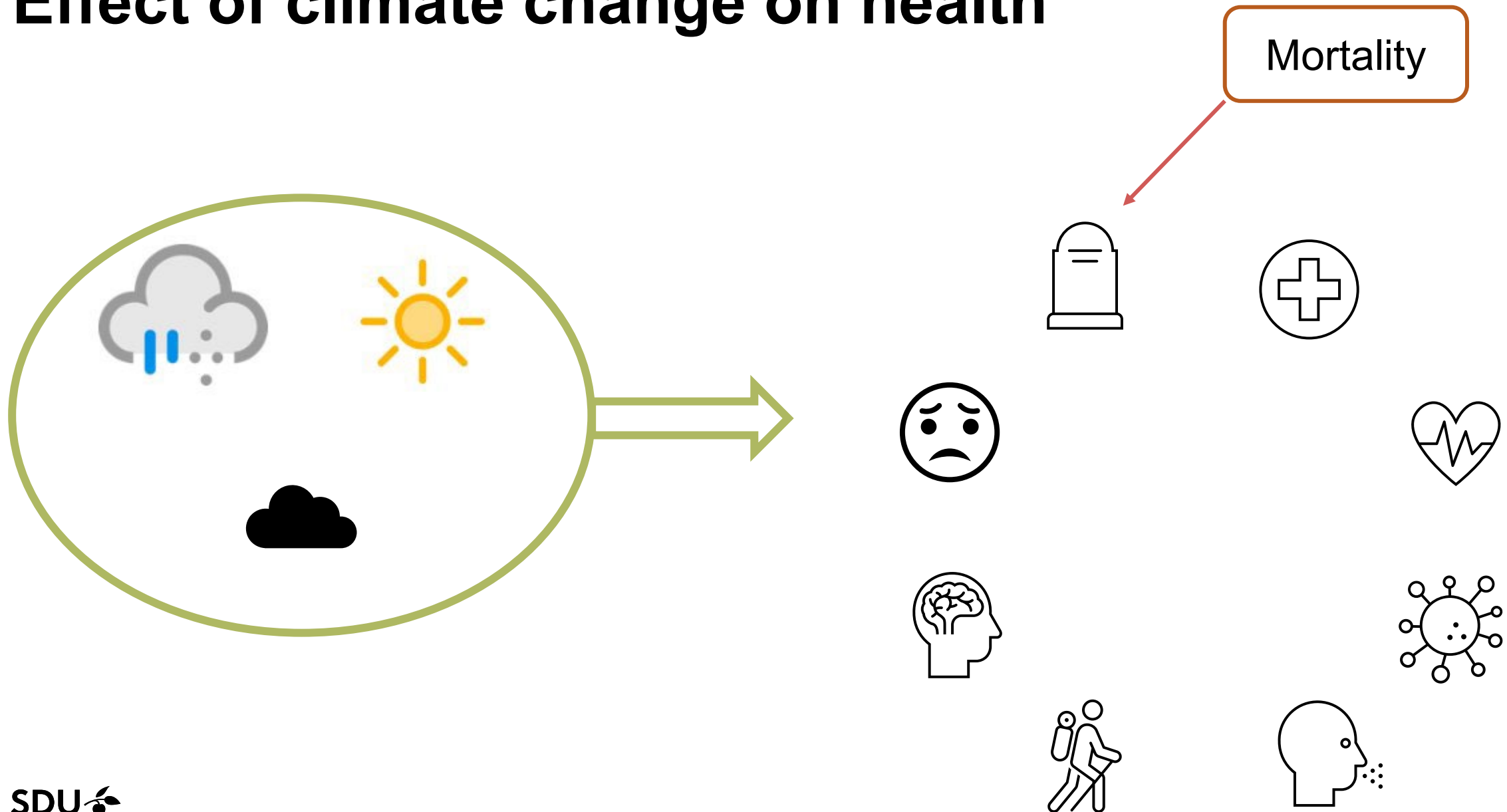


- Temperature increase 1-3.5°C
- More heatwaves
- Summer with drought and heavy rain
- Milder winters with more rain
- Higher water levels, storm surges
- Flooding
- More cloud cover in winter
- Fewer days with frost

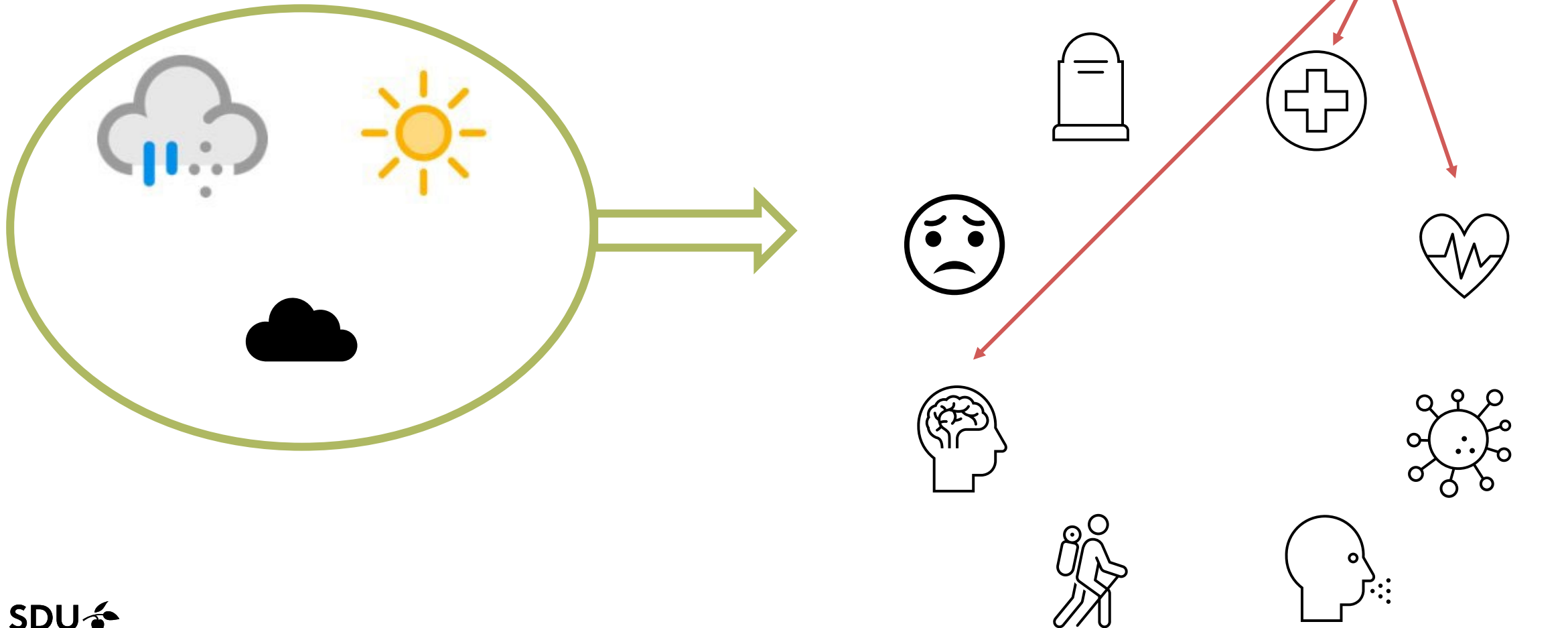
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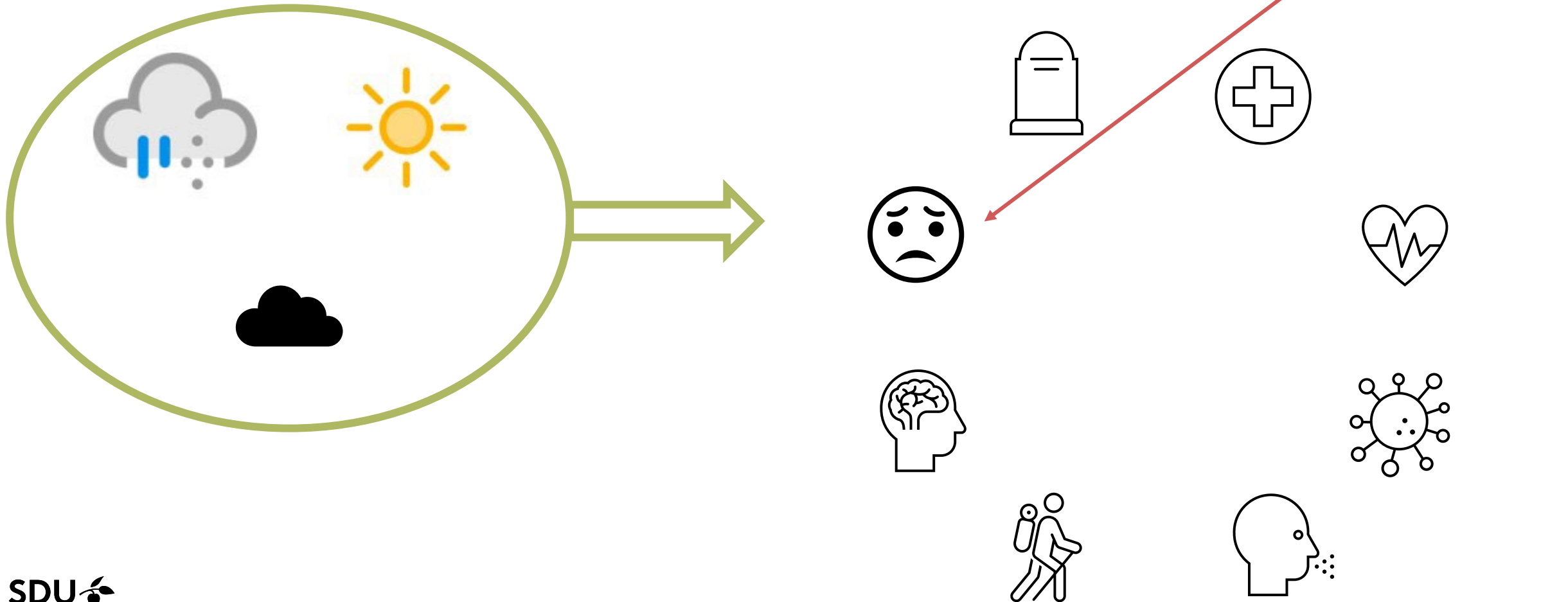
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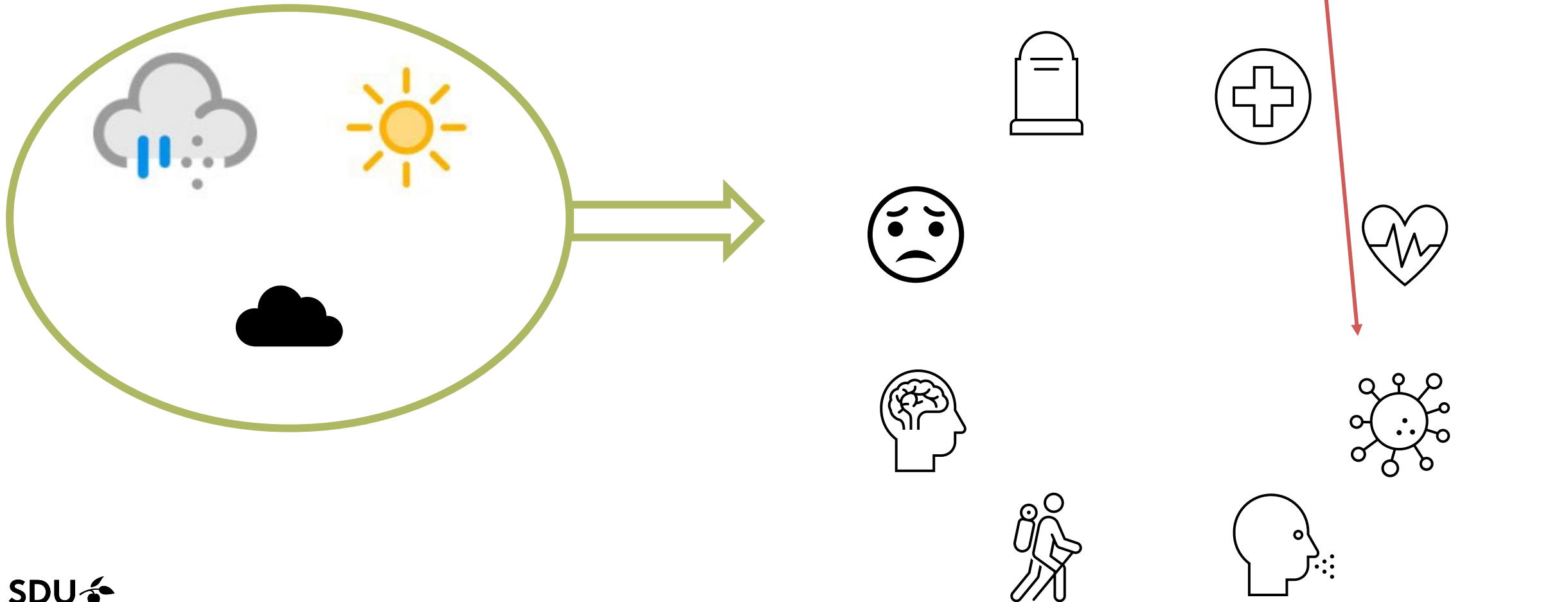
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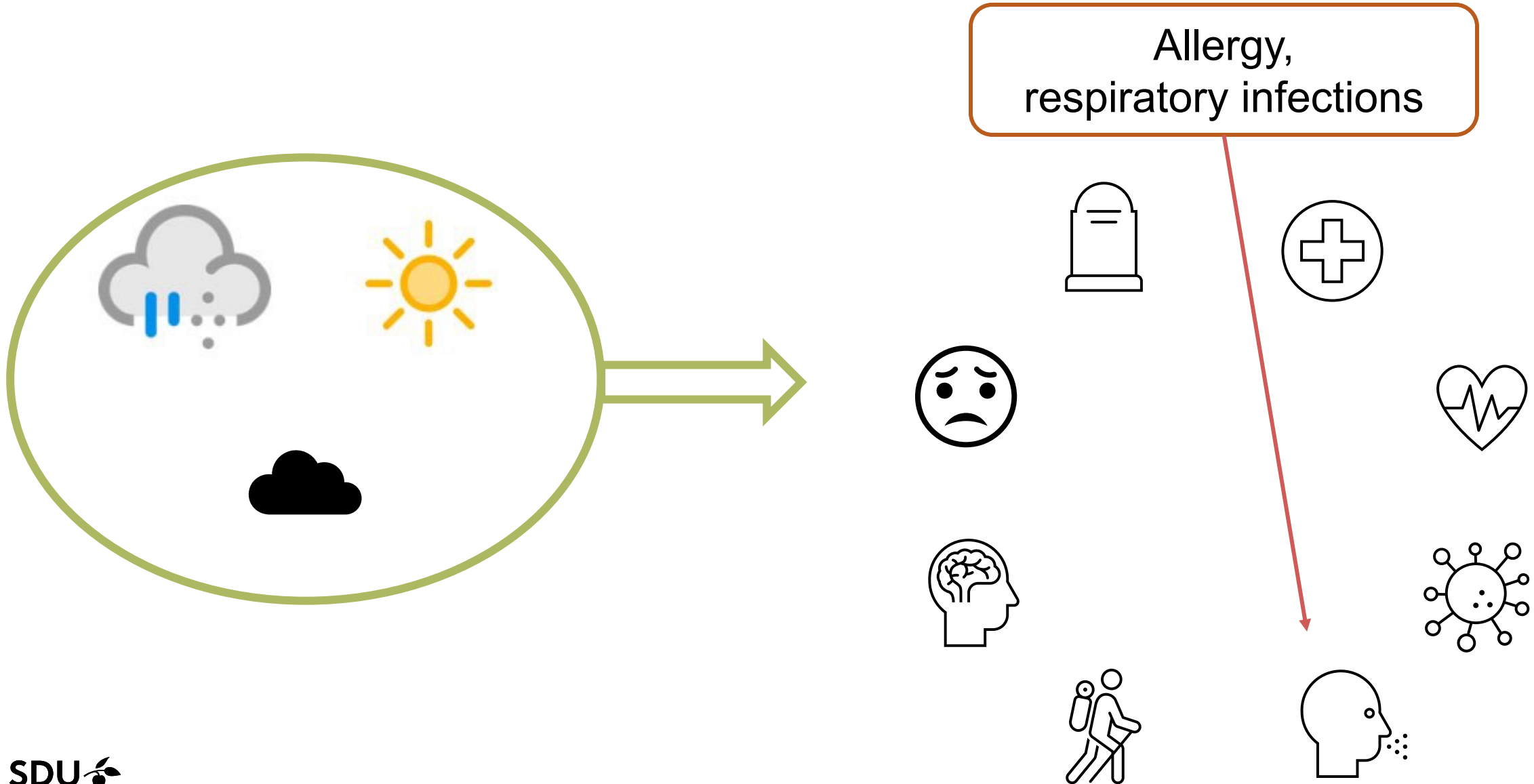
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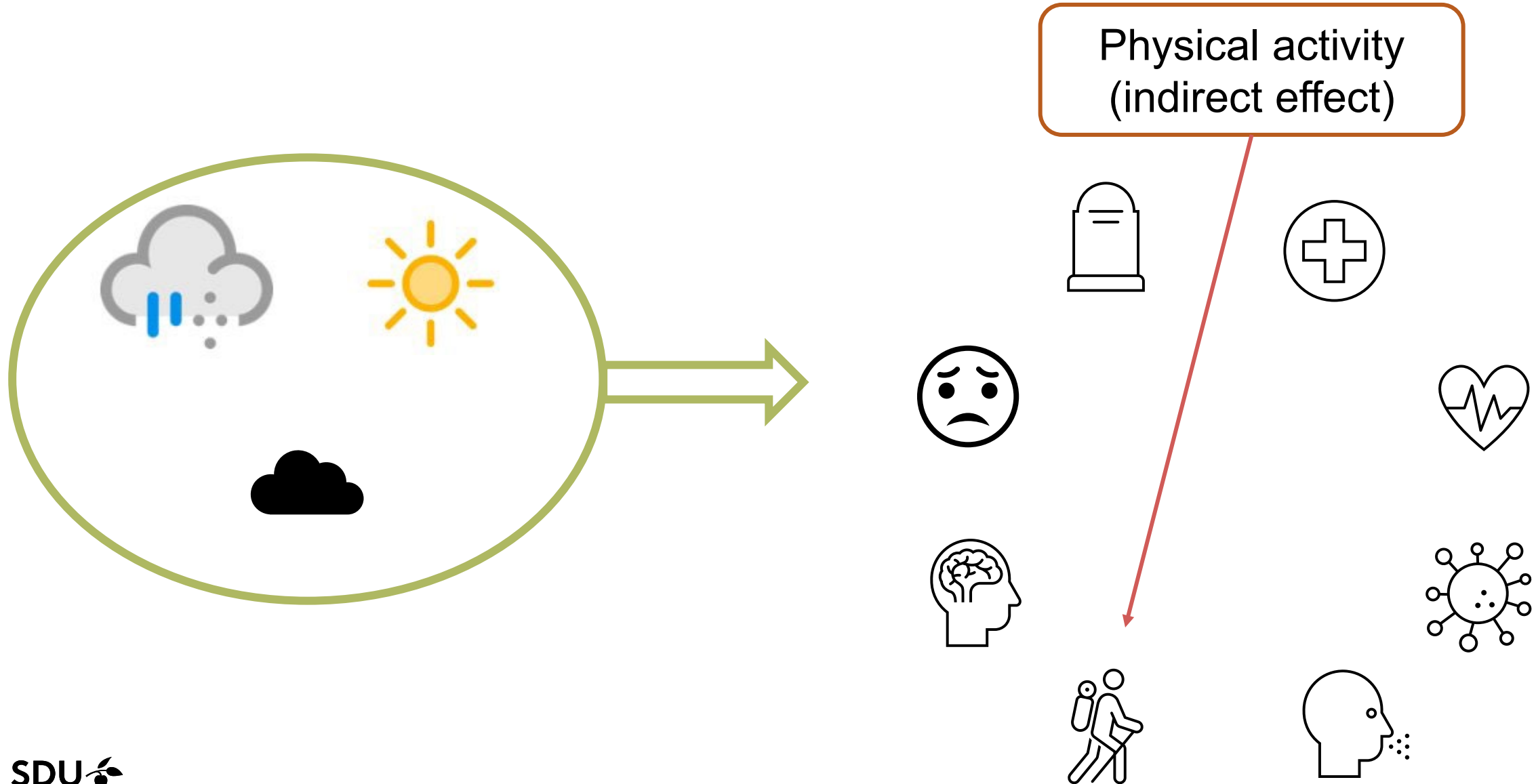
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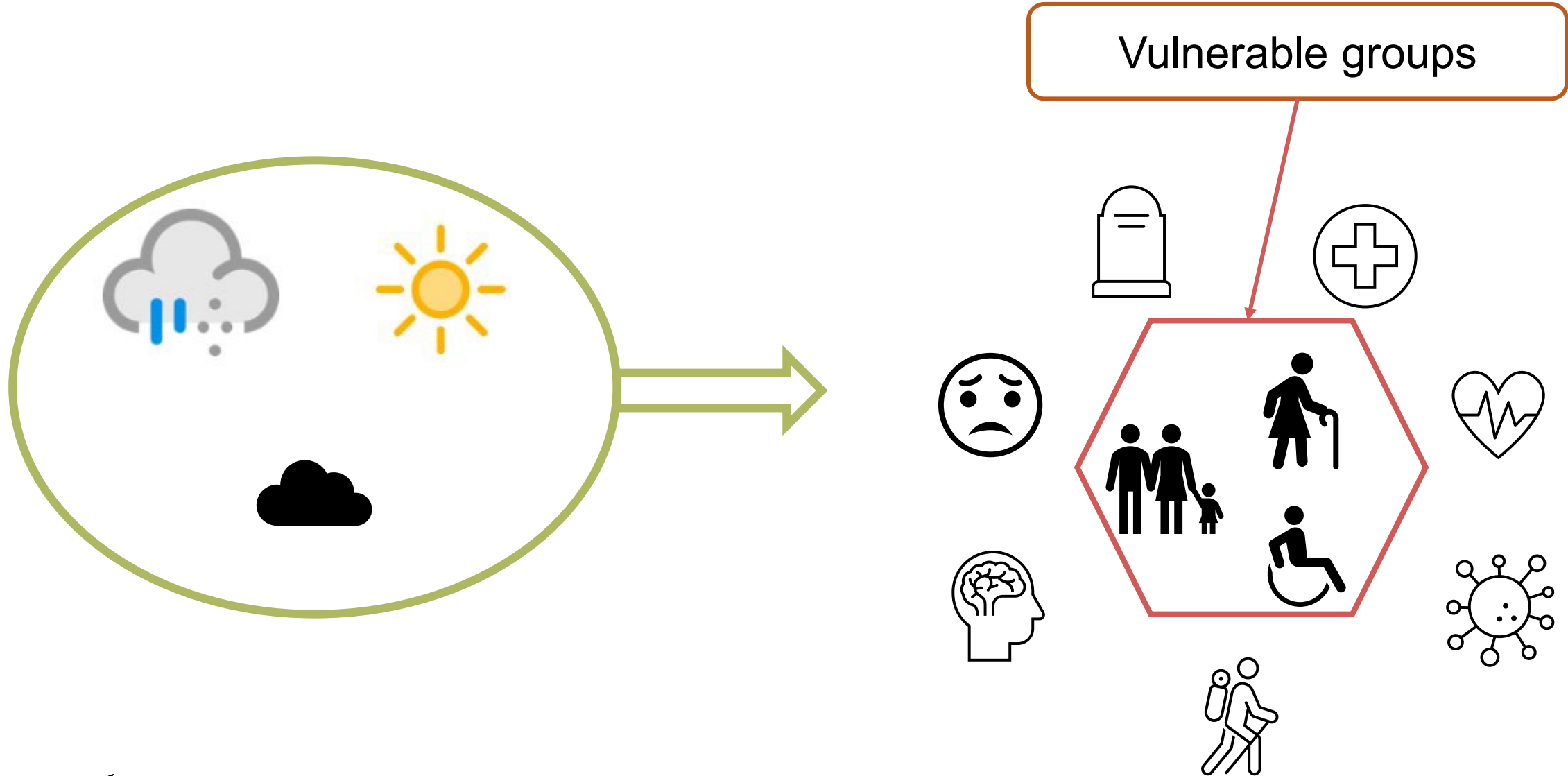
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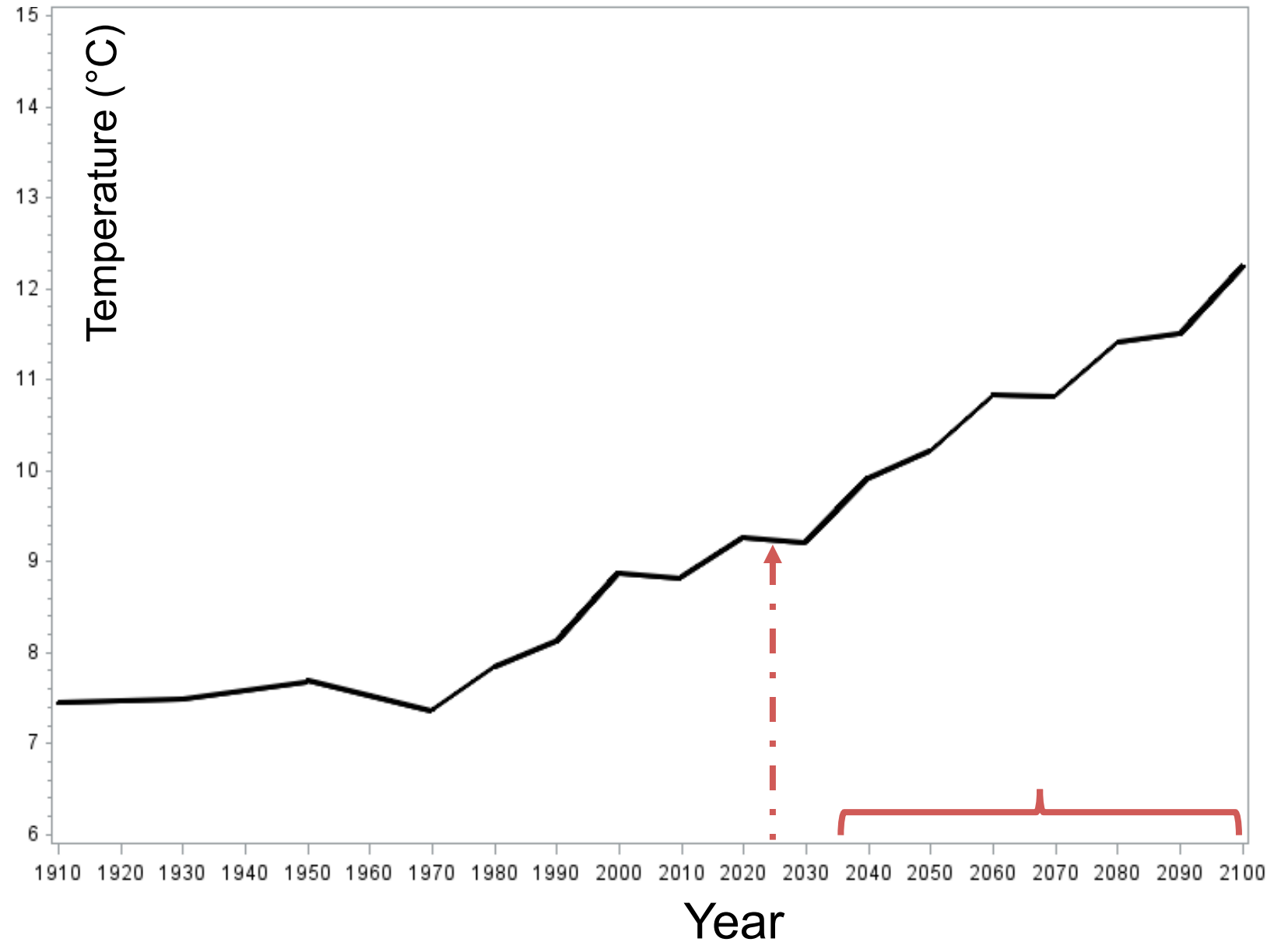
Temperature related mortality in Denmark

Copenhagen vs rest of
Denmark

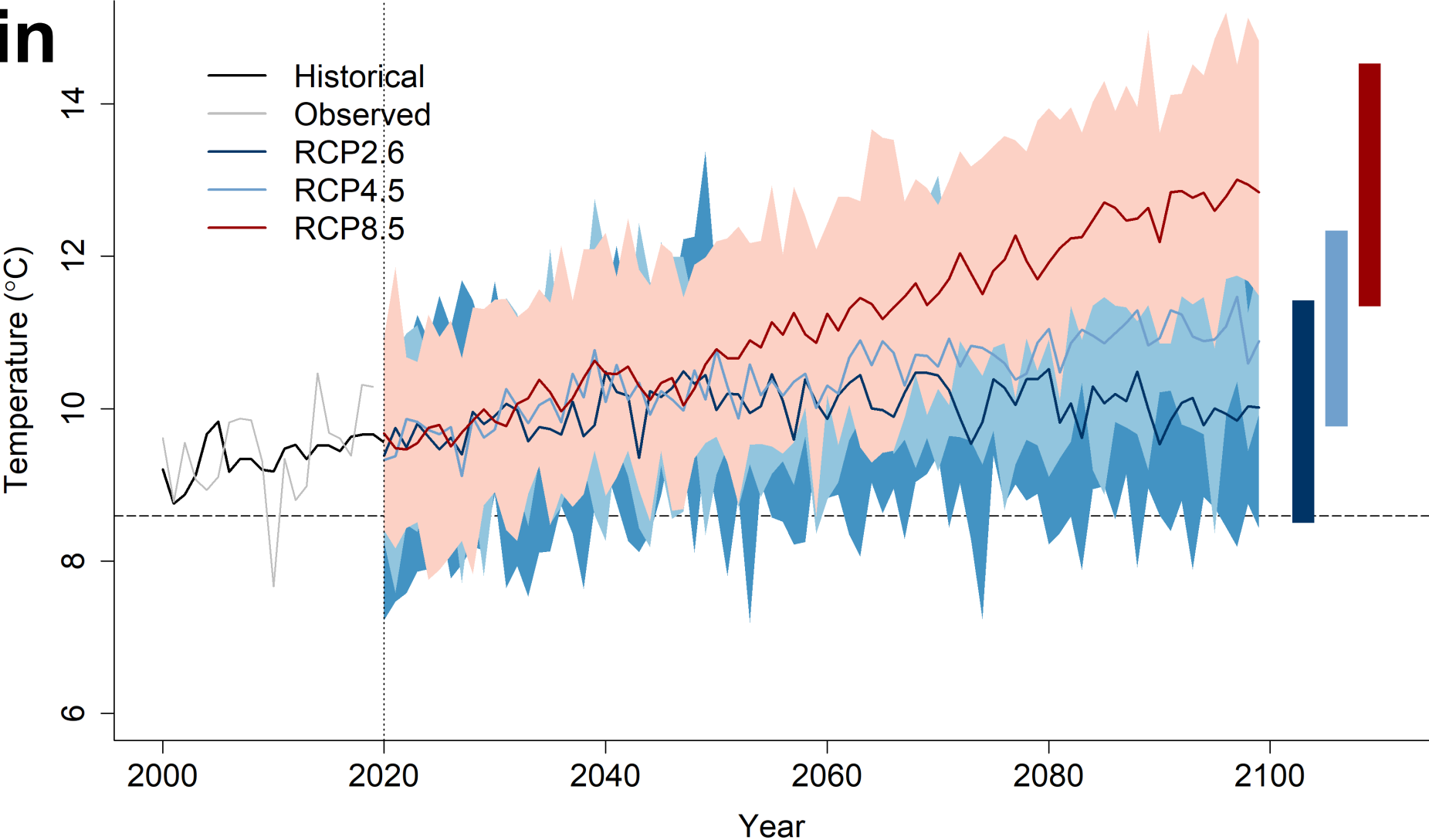


**The world has
warmed**

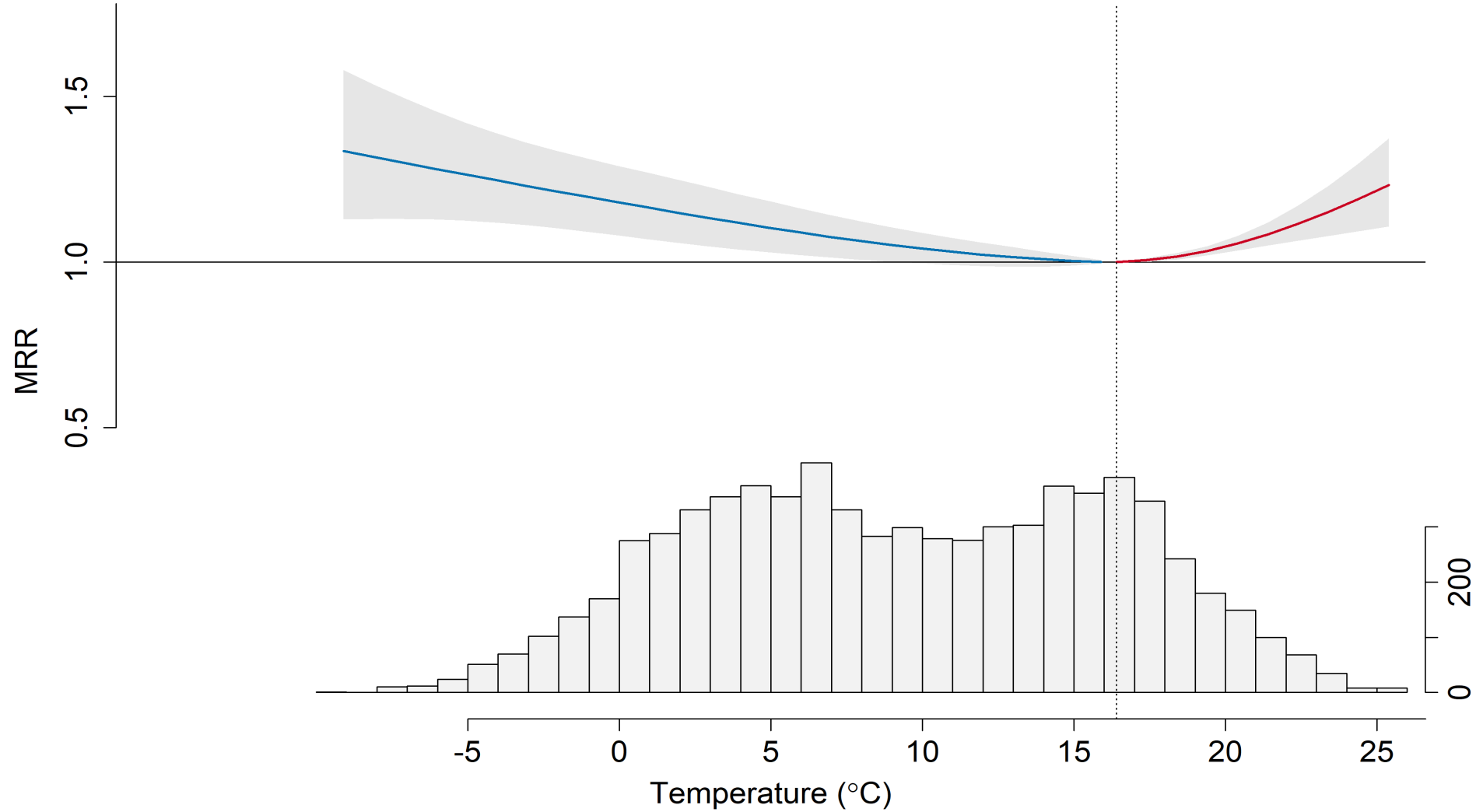
also Denmark



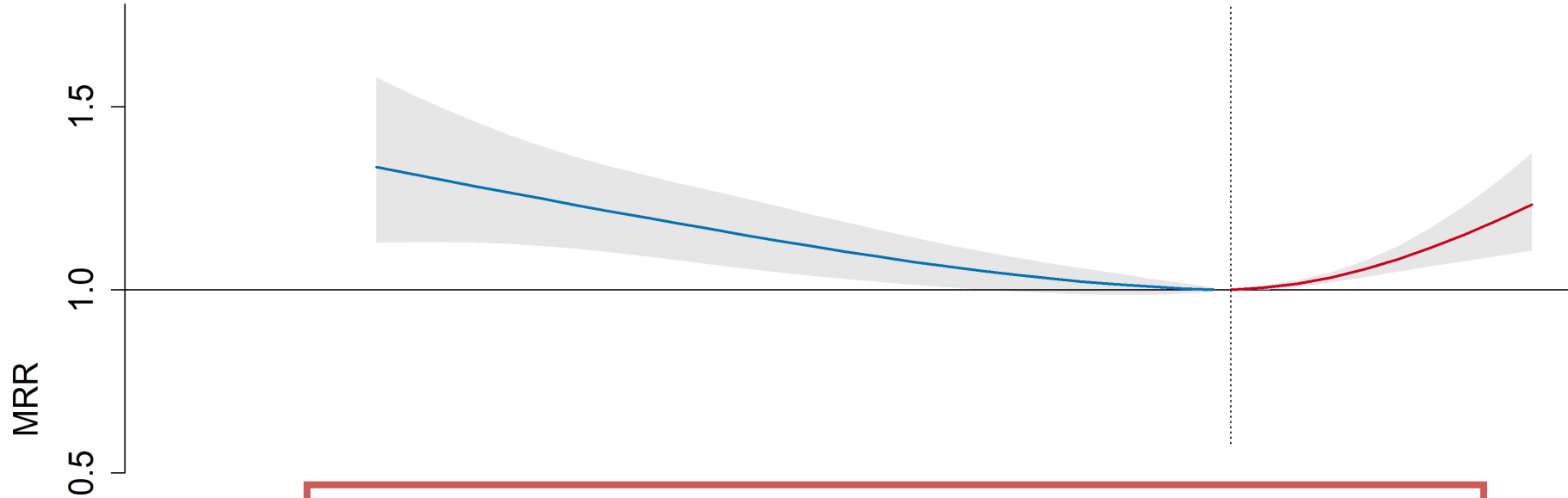
Increasing temperature in Denmark



Temperature related mortality



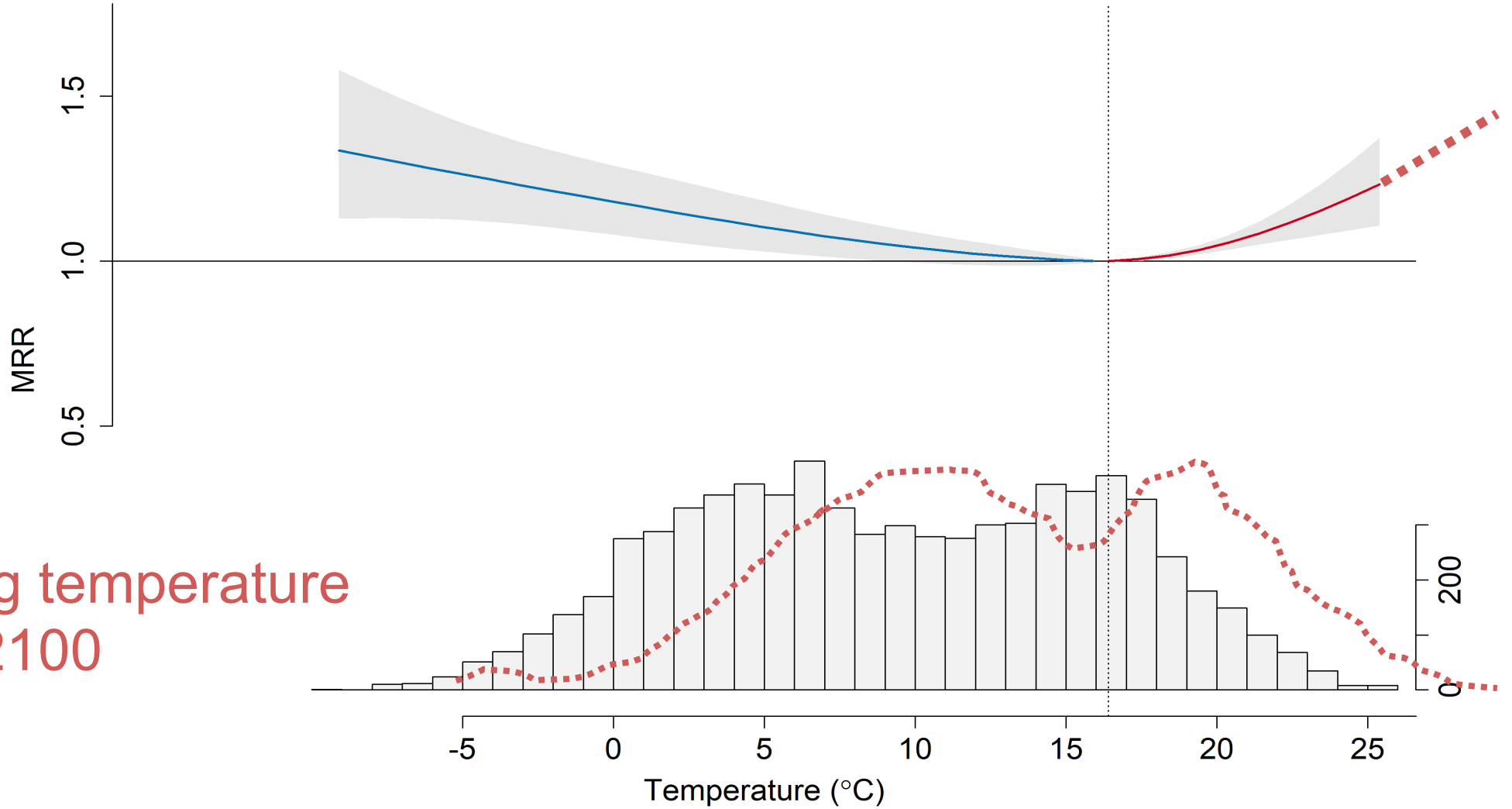
Temperature related mortality



Mortality in 2000-2019

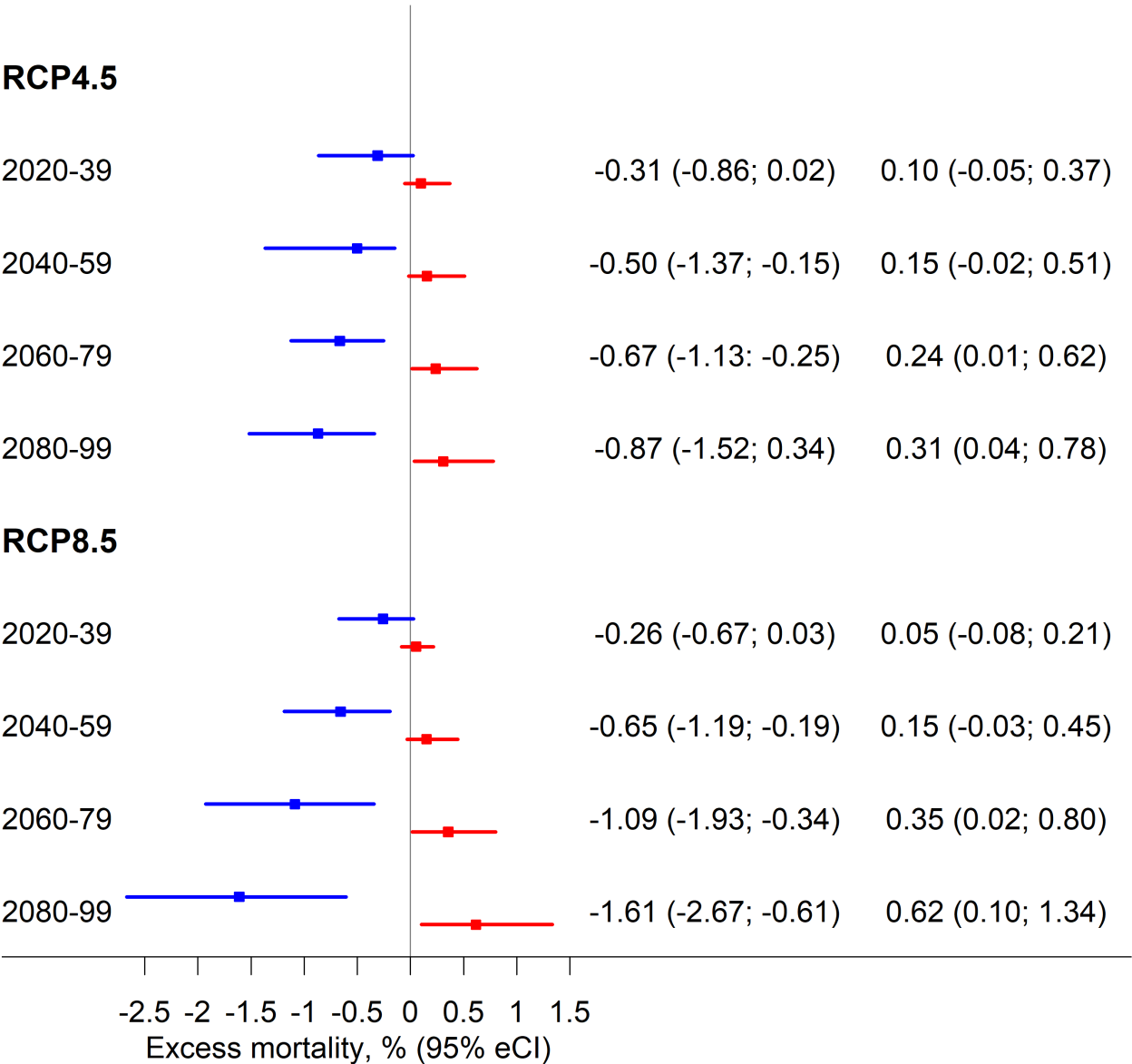
0.6% of deaths attributable to heat
6.4% of deaths attributable to cold

Temperature related mortality



Increasing temperature
towards 2100

Temperature-related mortality

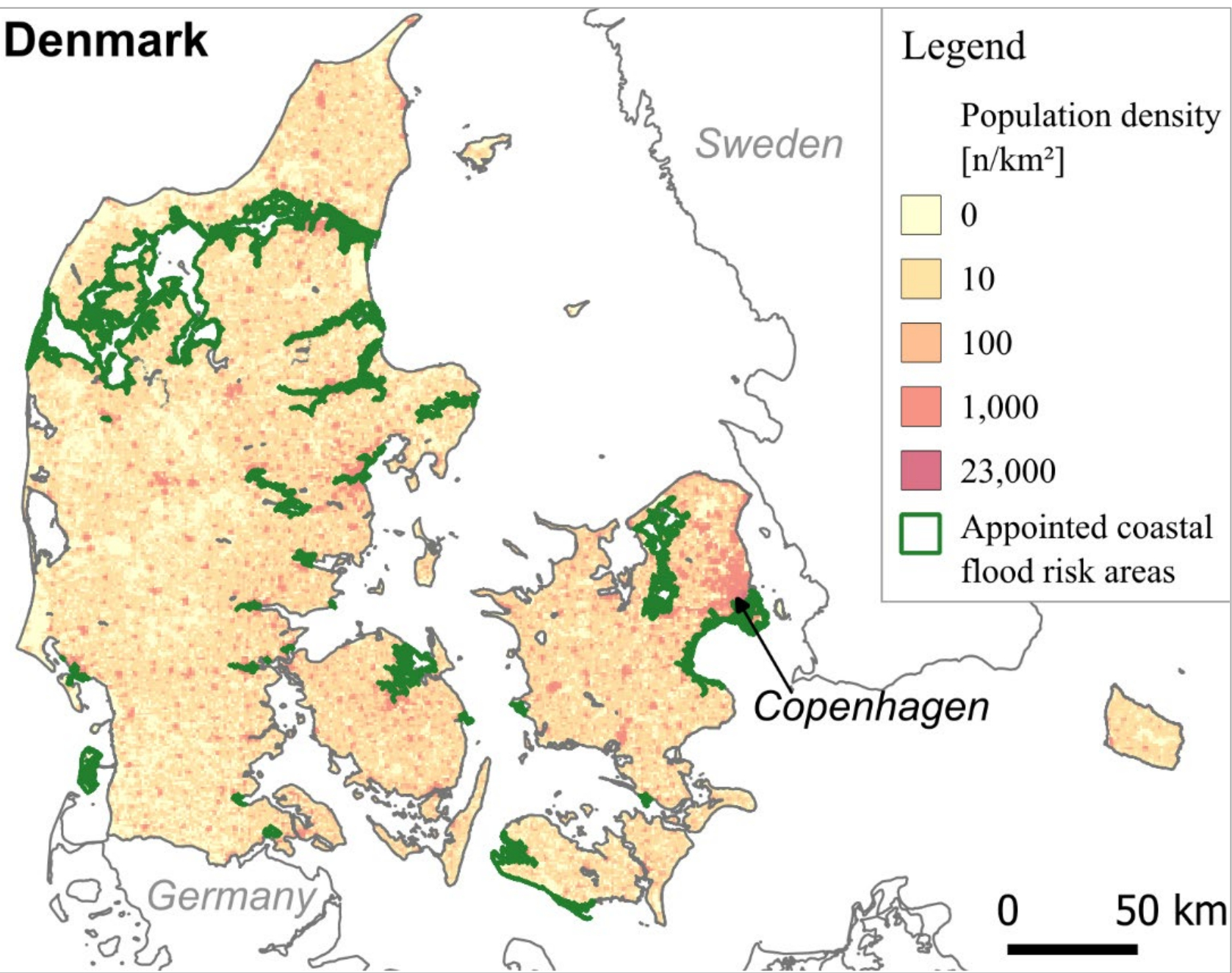


Effect of flooding on health

- Mental health
- Infections
- Use of healthcare system



Denmark



Flooding

Appointed coastal flood risk areas and population density (2021)



Climate anxiety

Especially adolescents and young people

- Worried & distressed (60%)
- Affect their daily life (45%)
- Young women consider not having children (25%)

Healthy climate friendly diet



Weekly intake of red meat

- * Recommendation 350 g

- * Danes 805 g

No change in pattern during last 10 years

Men, short education, smoking

Take home message

- Climate change influences human health and disease.
- Some existing health threats will intensify and new health threats will emerge.
- Everyone will be affected - not equally at risk of consequences: age, economic resources, and location.



**Thank you for your
attention**