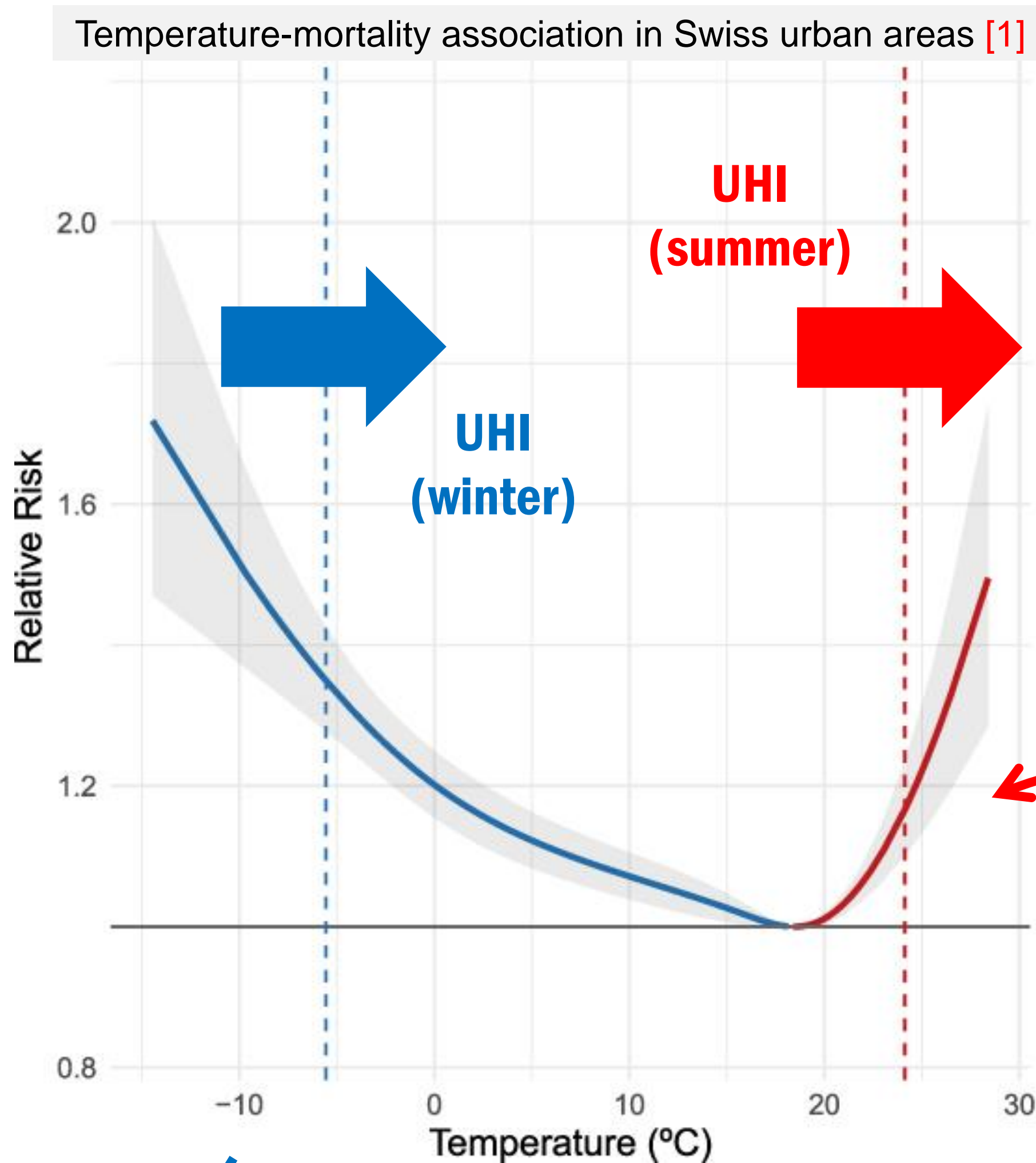
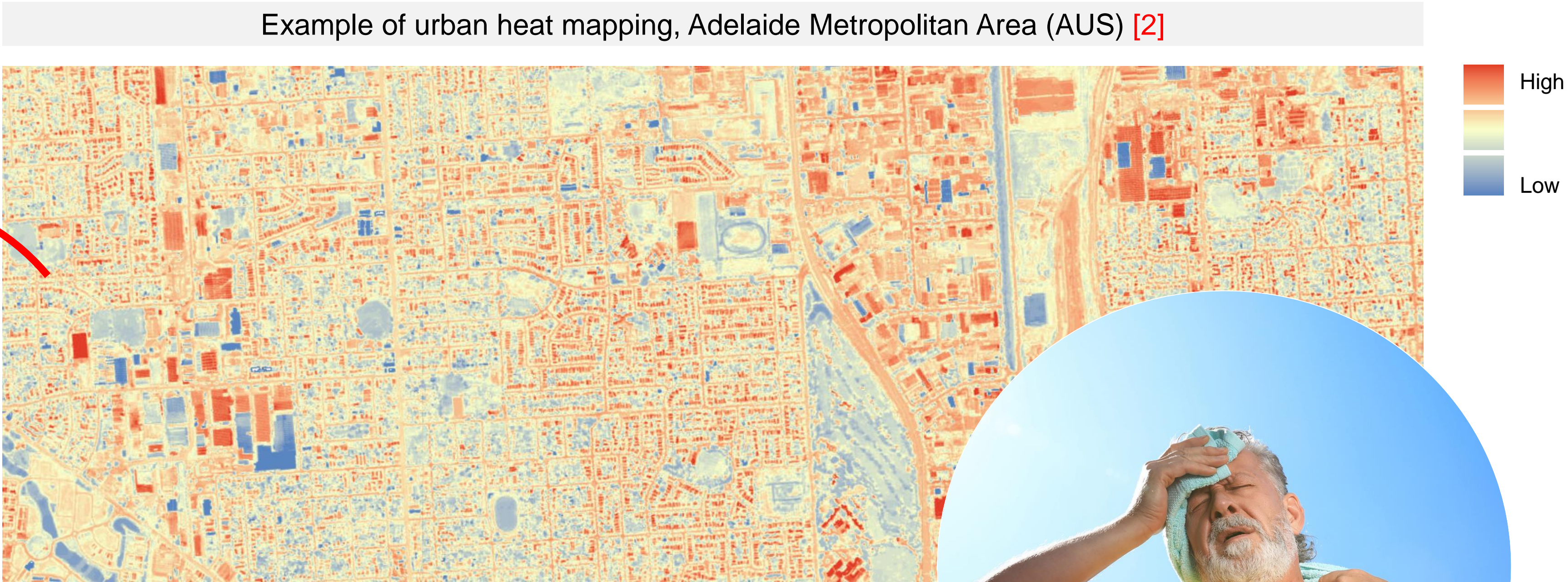


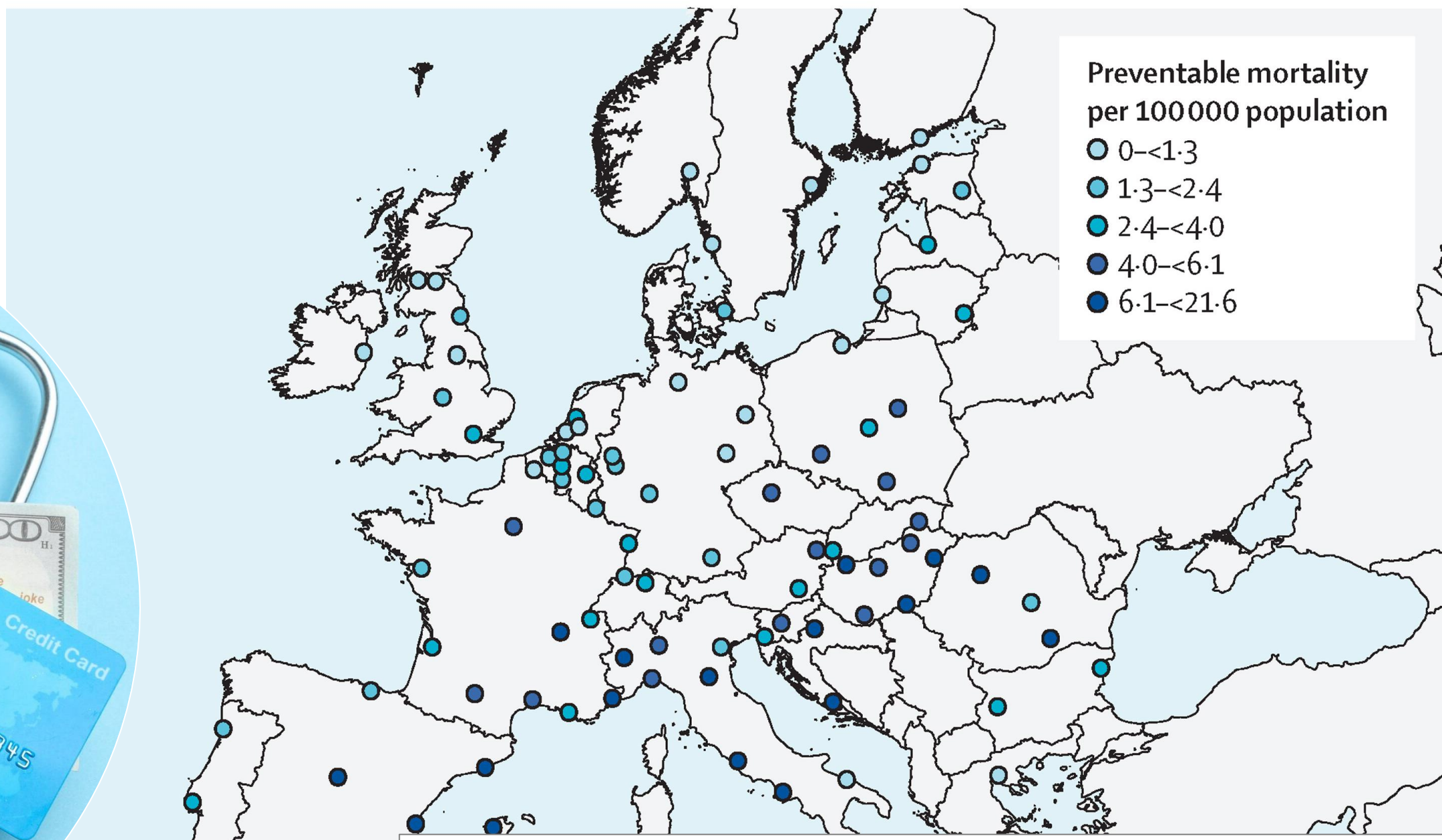
Urban heat, trees, & health: Risk, challenges, & opportunities



Cities are generally warmer than the surrounding, a phenomenon called the Urban Heat Island (UHI) effect. Such temperature increase can exacerbate **heat-related morbidity and mortality**



Mean standardised preventable mortality associated with increasing tree coverage to 30% [3]



Urban vegetation provides a cooling effect that can mitigate the UHI effect and reduce health risks during summer. Hence, **investing in nature is an investment in health ...**

BUT ...

- UHI can protect against extreme cold during winter (and reduce heating demand in buildings) [4]
- Vulnerable populations may have unequal access to the benefits of green interventions [5]
- Vegetation is also at risk during extreme heat and drought events [6]



References

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