

THE LANCET

Supplementary appendix 2

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: GBD 2023 Demographics Collaborators. Global age-sex-specific all-cause mortality and life expectancy estimates for 204 countries and territories and 660 subnational locations, 1950–2023: a demographic analysis for the Global Burden of Disease Study 2023. *Lancet* 2025; published online Oct 12. [https://doi.org/10.1016/S0140-6736\(25\)01330-3](https://doi.org/10.1016/S0140-6736(25)01330-3).

Appendix 2: supplementary results appendix to “Global age-sex-specific all-cause mortality and life expectancy estimates for 204 countries and territories and 660 subnational locations, 1950–2023: a demographic analysis for the Global Burden of Disease Study 2023”

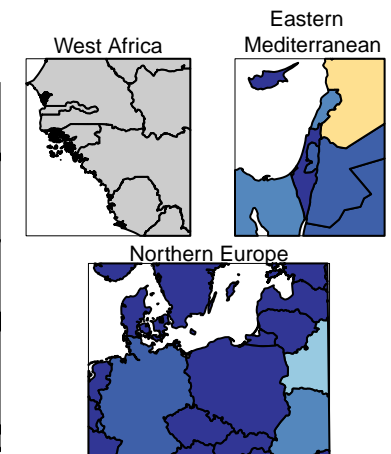
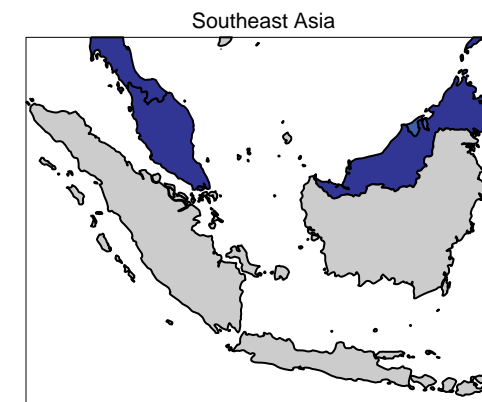
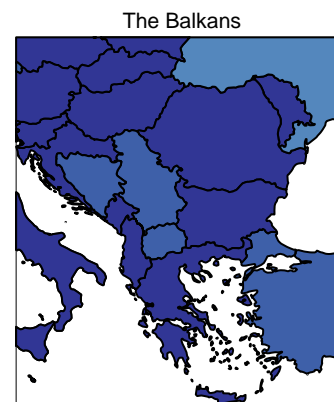
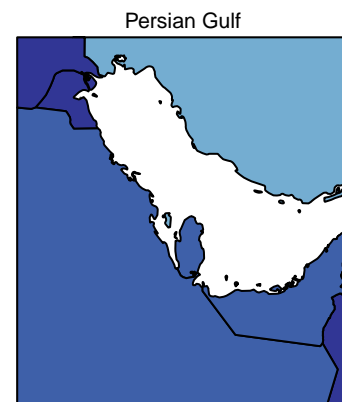
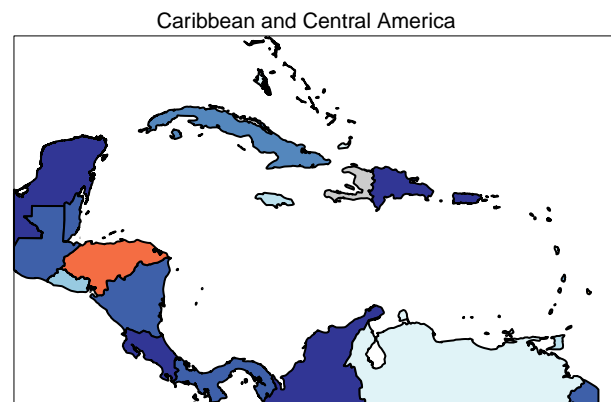
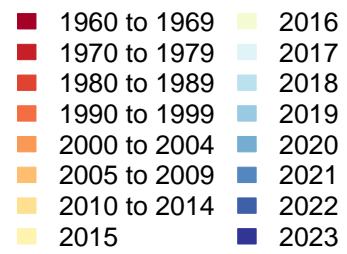
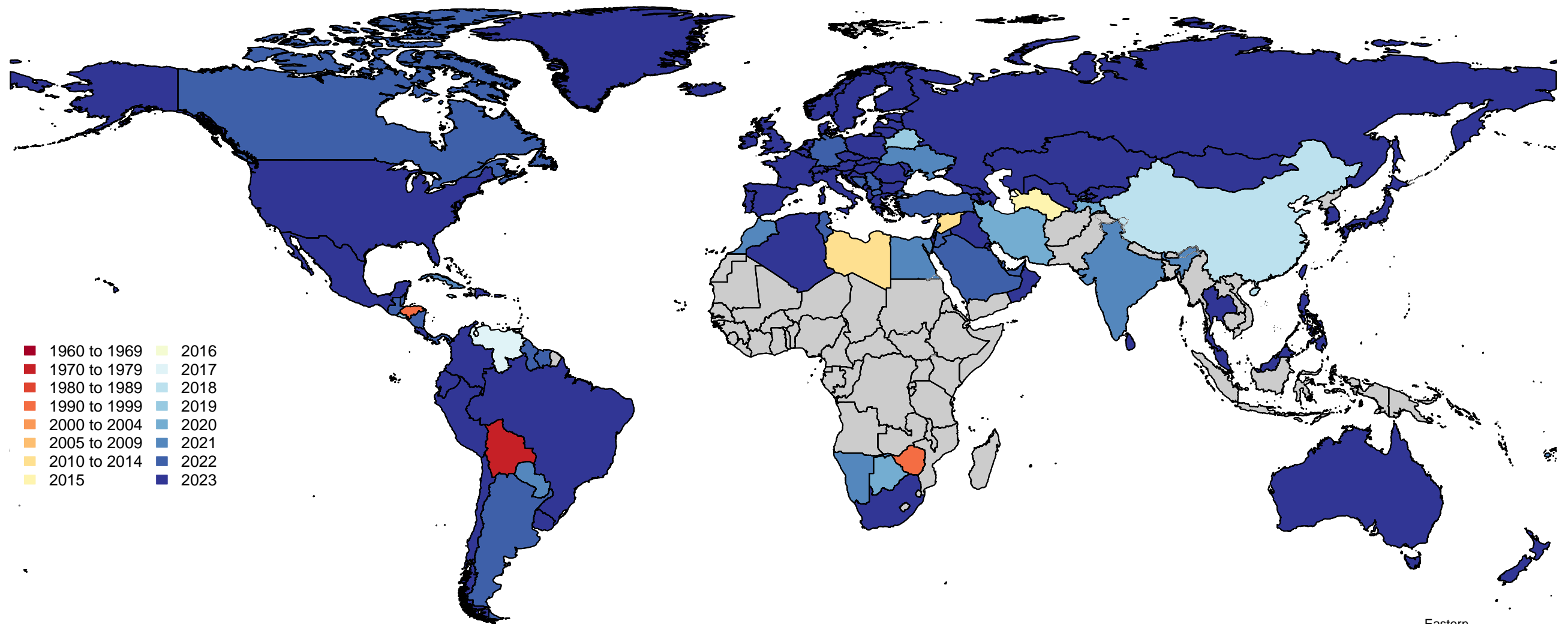
This supplement provides additional figures containing more detailed results for “Global age-sex-specific all-cause mortality and life expectancy estimates for 204 countries and territories and 660 subnational locations, 1950–2023: a demographic analysis for the Global Burden of Disease Study 2023.”

All supplementary tables can be accessed here <https://ghdx.healthdata.org/record/ihme-data/gbd-2023-demographics-1950-2023>

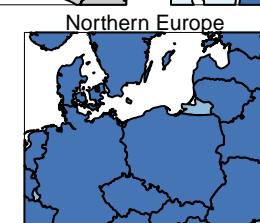
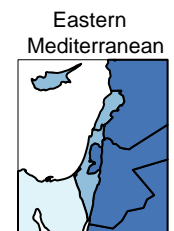
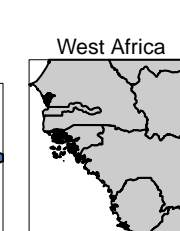
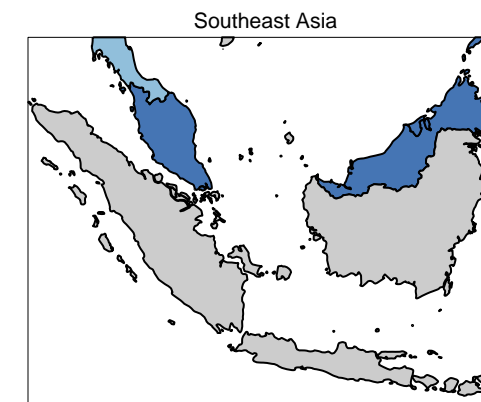
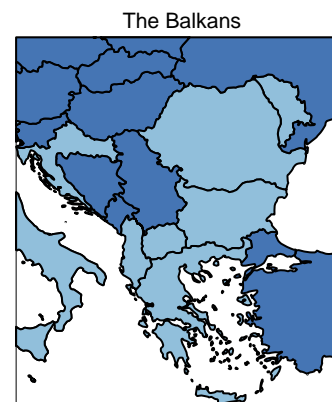
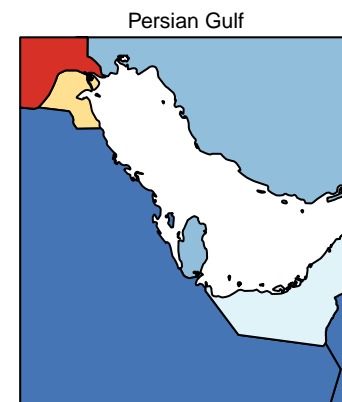
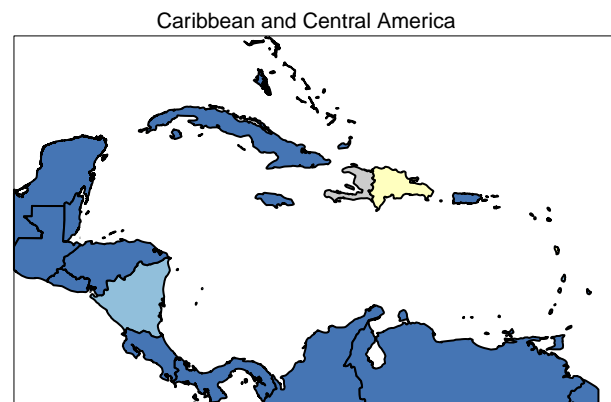
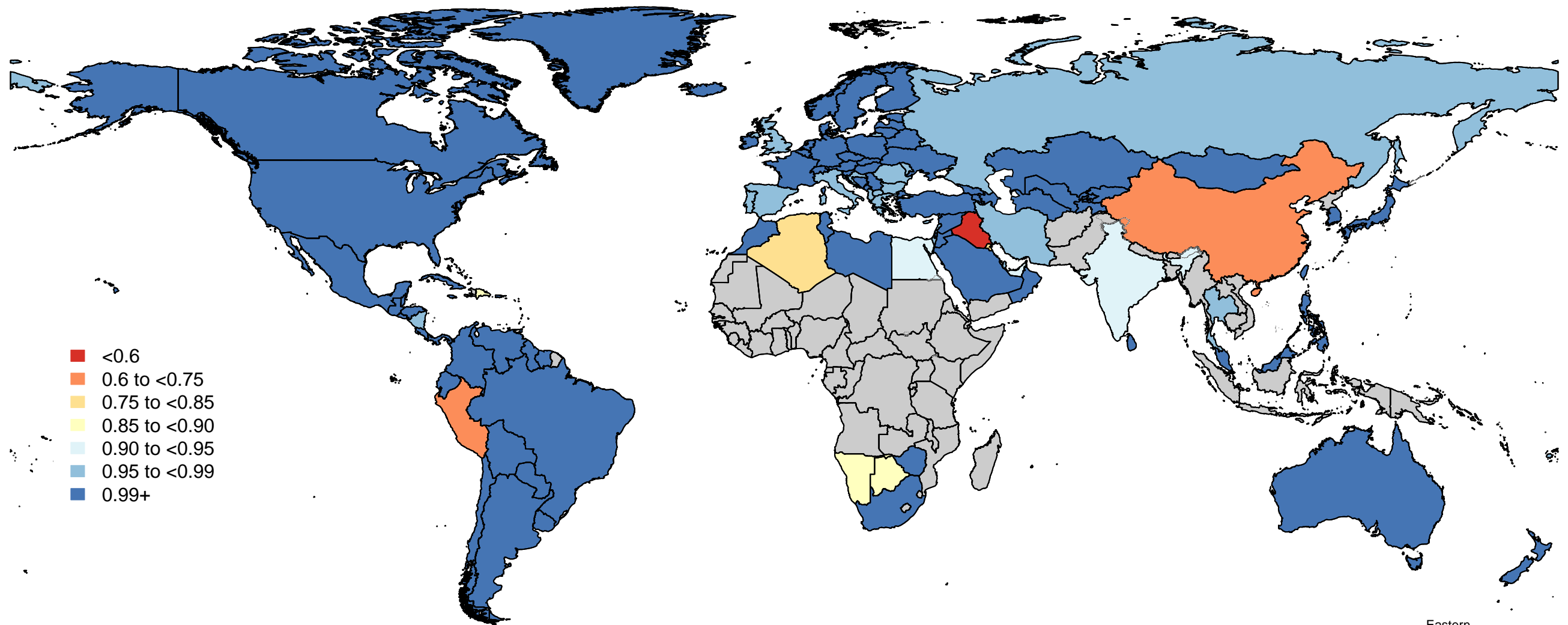
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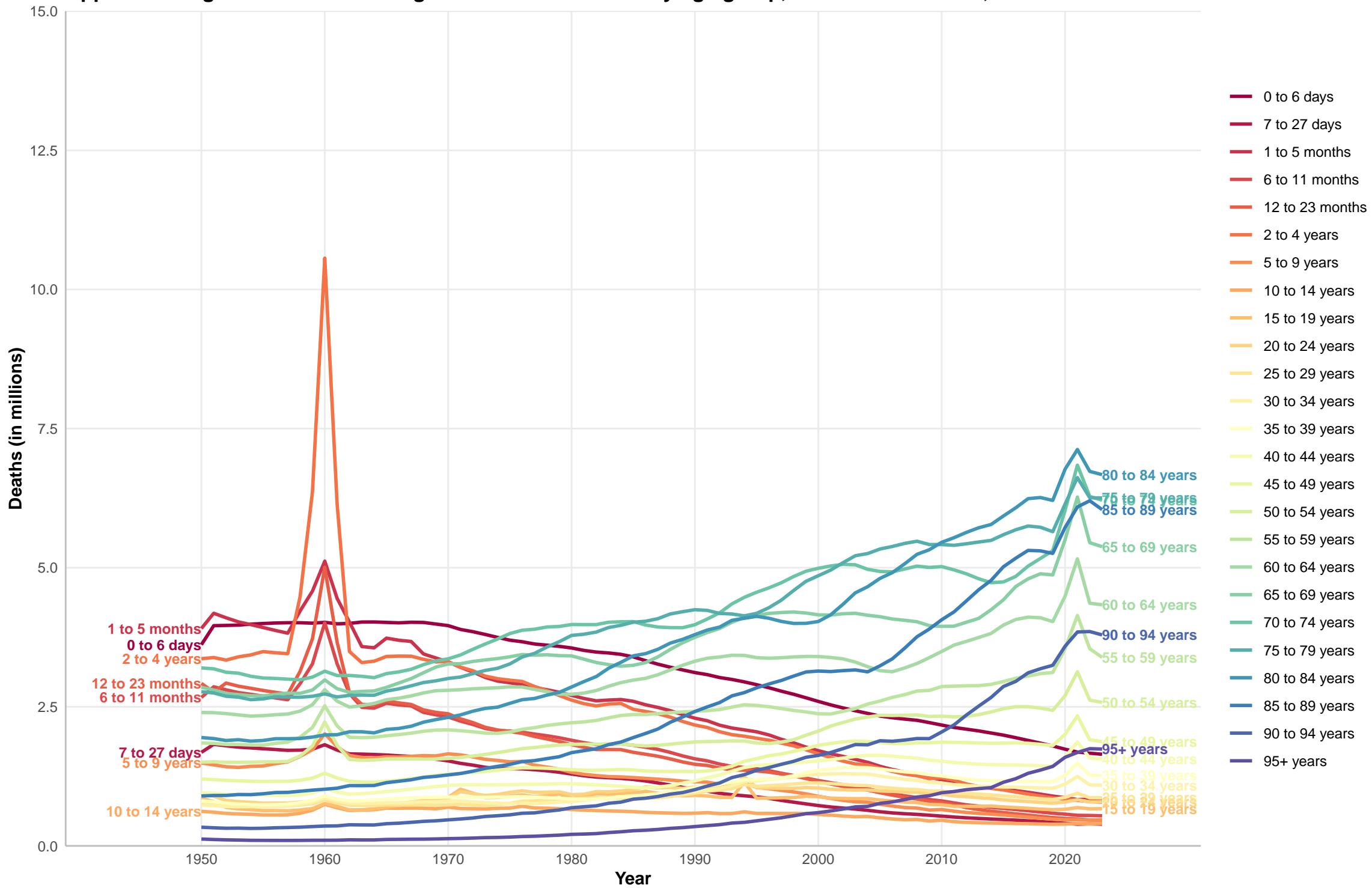
Appendix 2 Figure S1a: Most recent year of available vital registration, by country



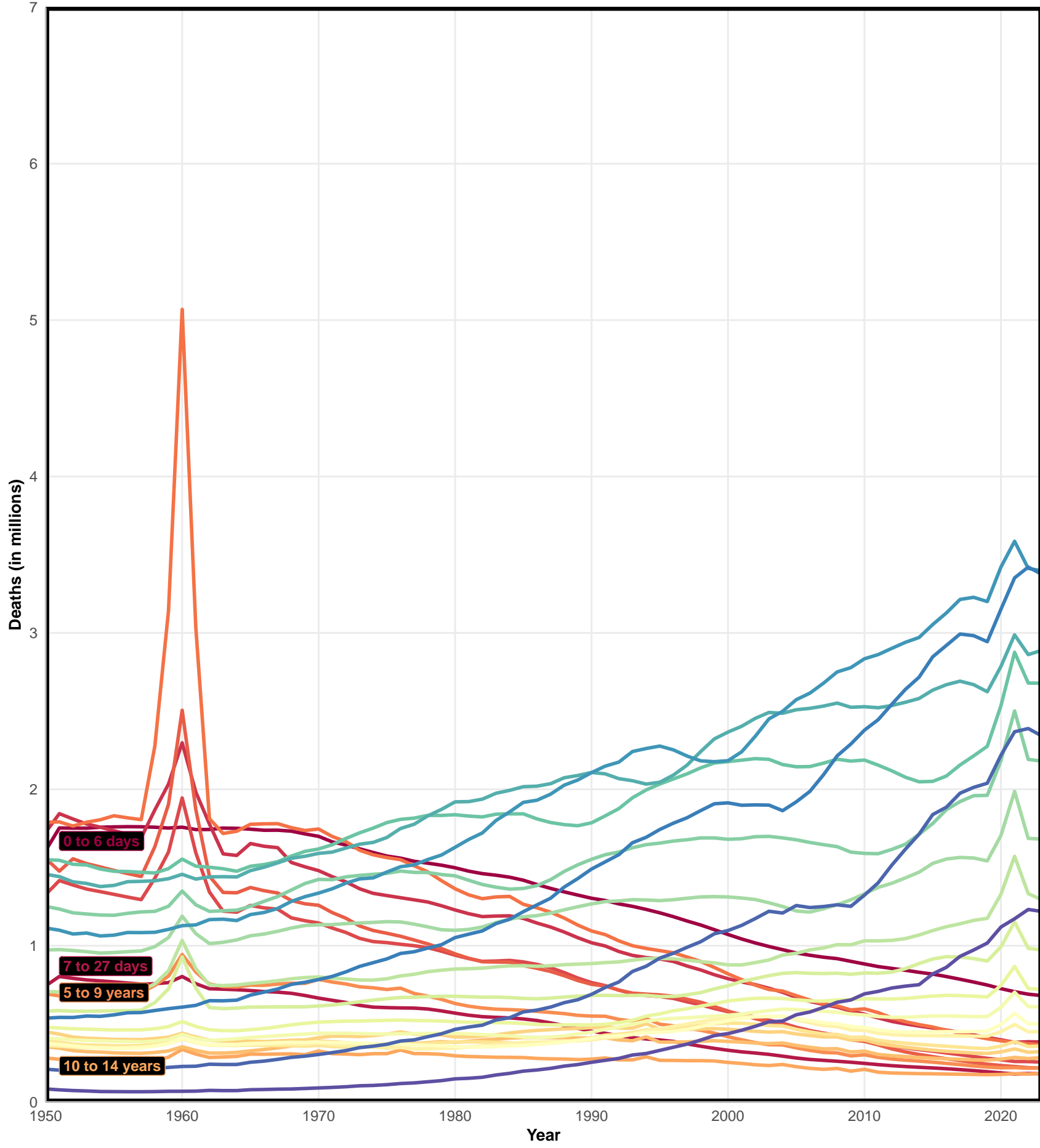
Appendix 2 Figure S1b: Completeness of vital registration systems for the latest year of reporting, by country



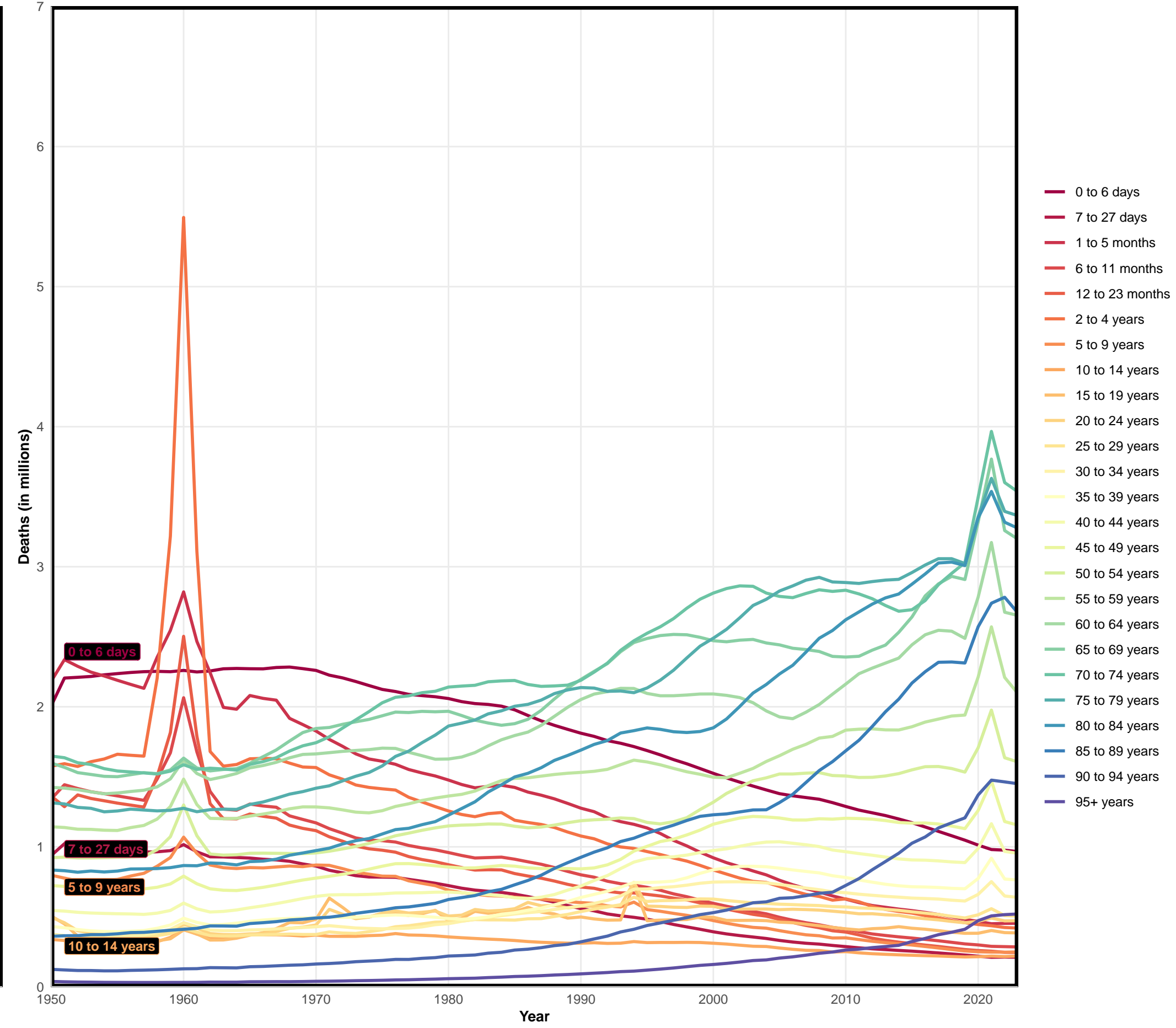
Appendix 2 Figure S2a: Number of global deaths over time by age group, all sexes combined, 1950–2023



Appendix 2 Figure S2b: Number of global deaths over time by age group, females, 1950–2023

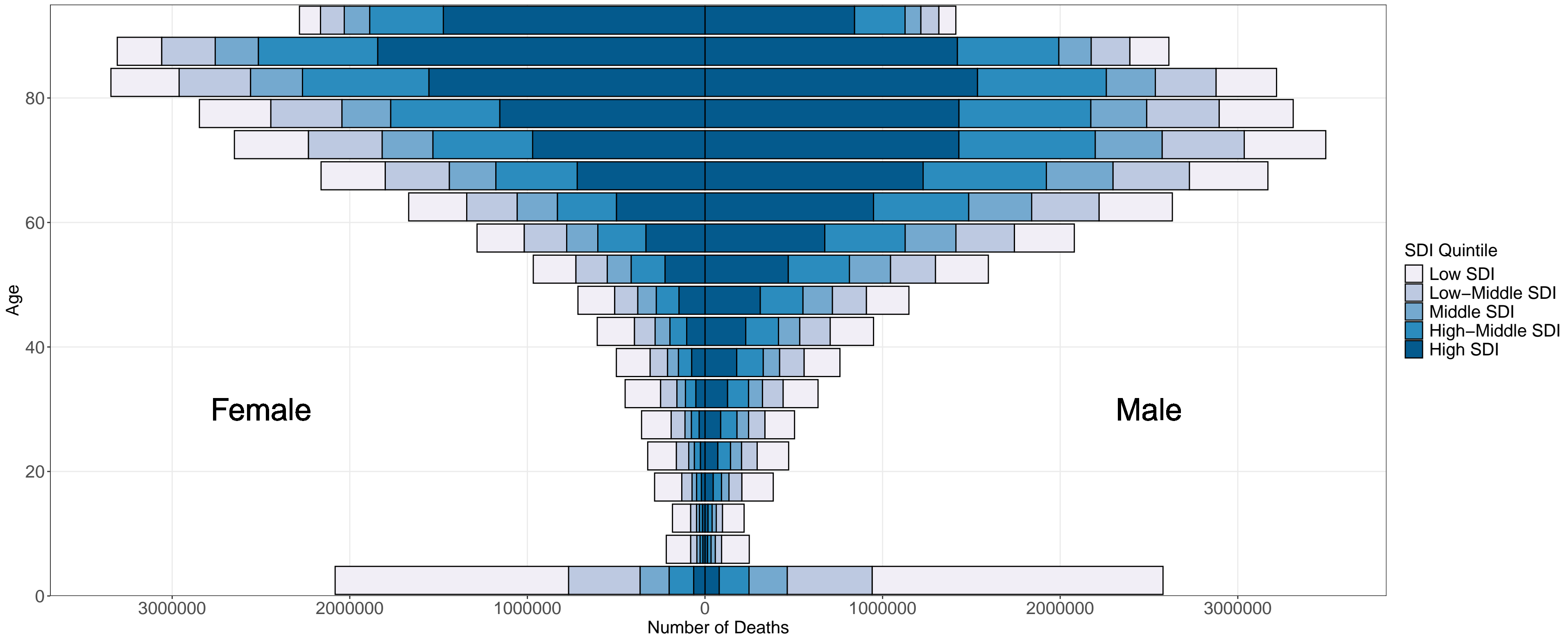


Appendix 2 Figure S2c: Number of global deaths over time by age group, males, 1950–2023

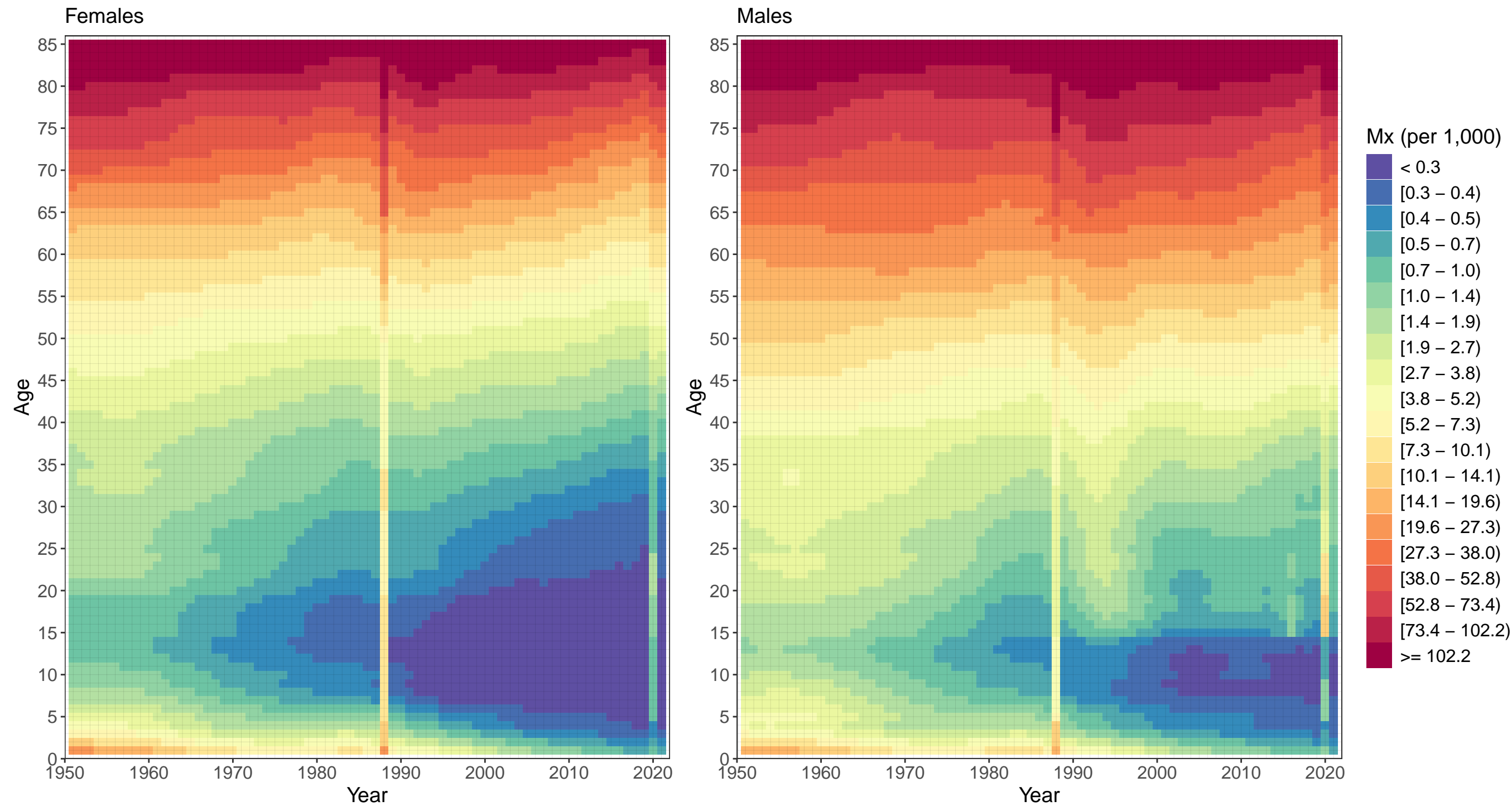


- 0 to 6 days
- 7 to 27 days
- 1 to 5 months
- 6 to 11 months
- 12 to 23 months
- 2 to 4 years
- 5 to 9 years
- 10 to 14 years
- 15 to 19 years
- 20 to 24 years
- 25 to 29 years
- 30 to 34 years
- 35 to 39 years
- 40 to 44 years
- 45 to 49 years
- 50 to 54 years
- 55 to 59 years
- 60 to 64 years
- 65 to 69 years
- 70 to 74 years
- 75 to 79 years
- 80 to 84 years
- 85 to 89 years
- 90 to 94 years
- 95+ years

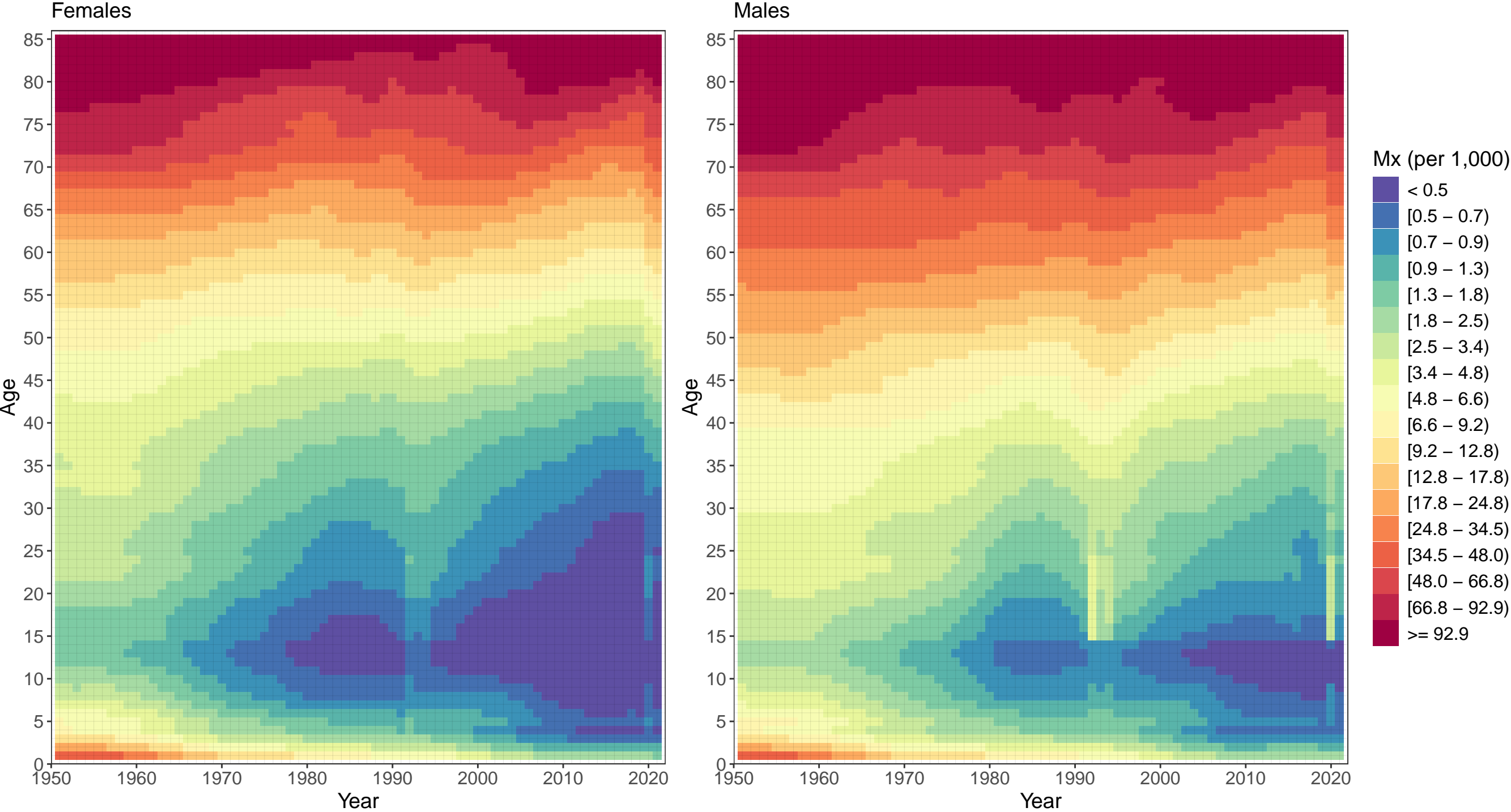
Appendix 2 Figure S3: Death Structure by SDI in 2023



Appendix 2 Figure S4: Armenia mortality rates, 1950–2023

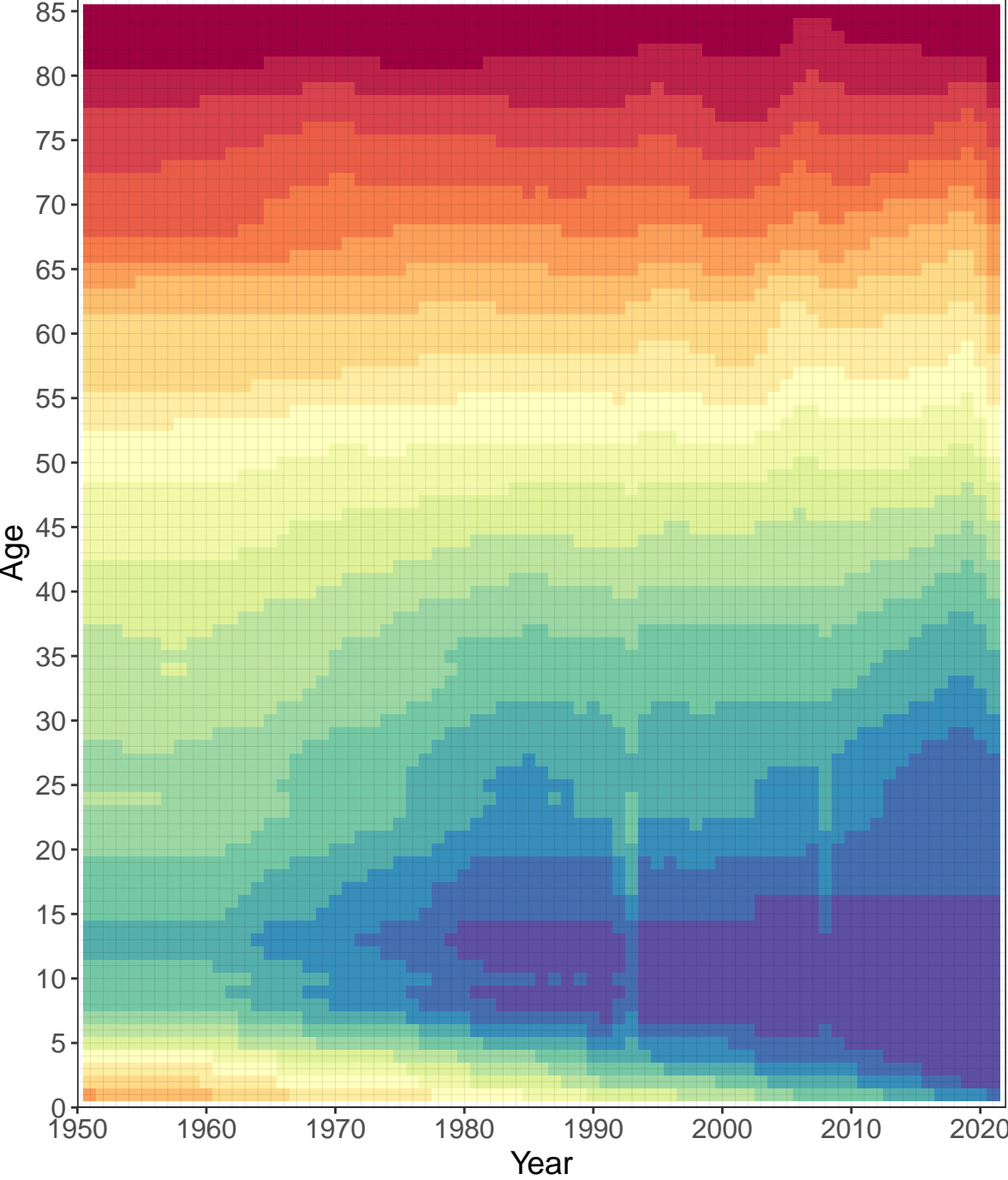


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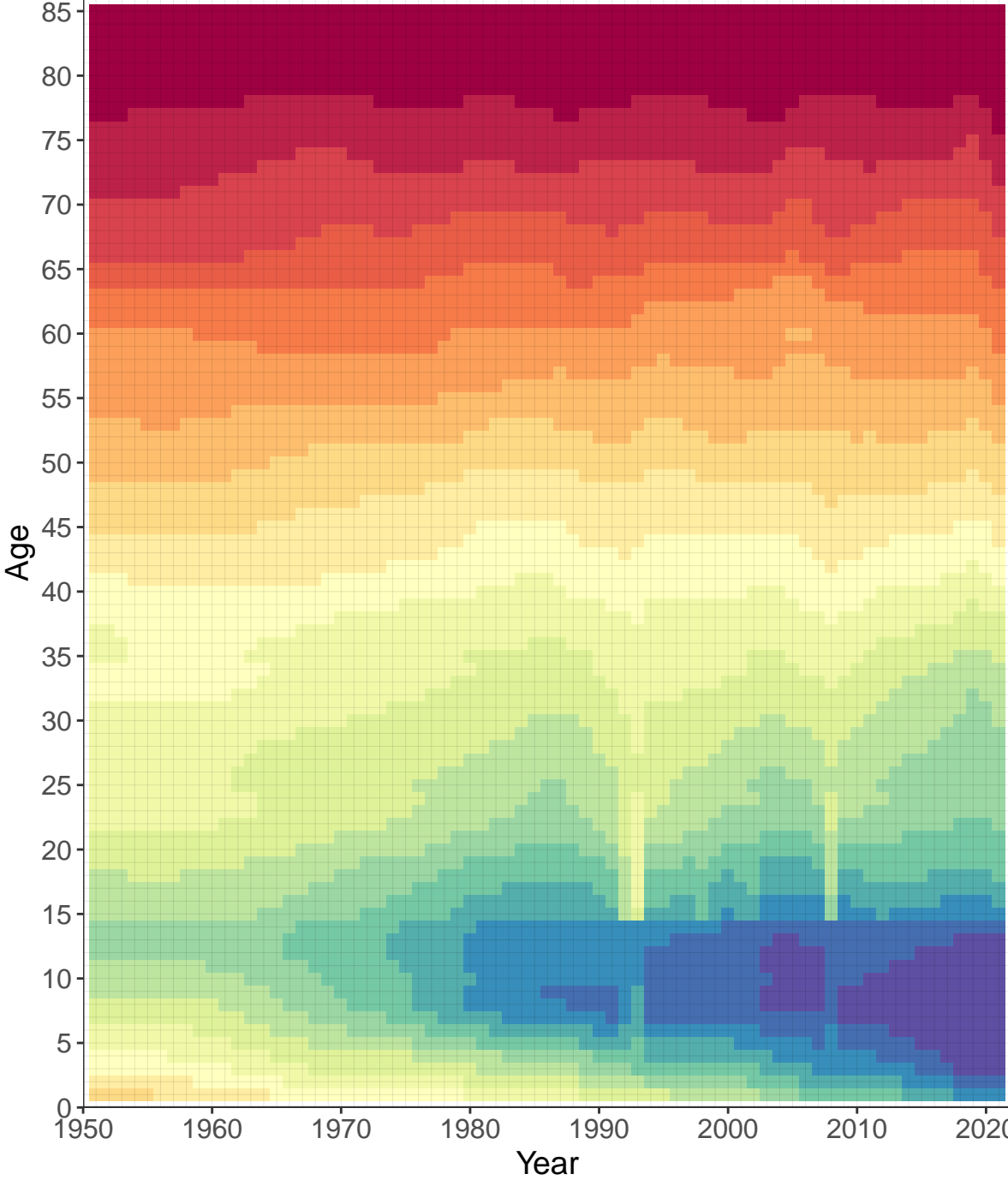


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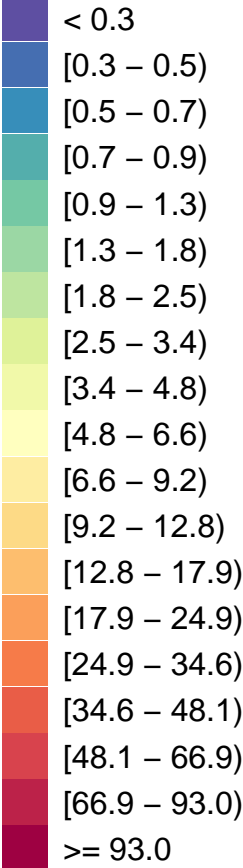
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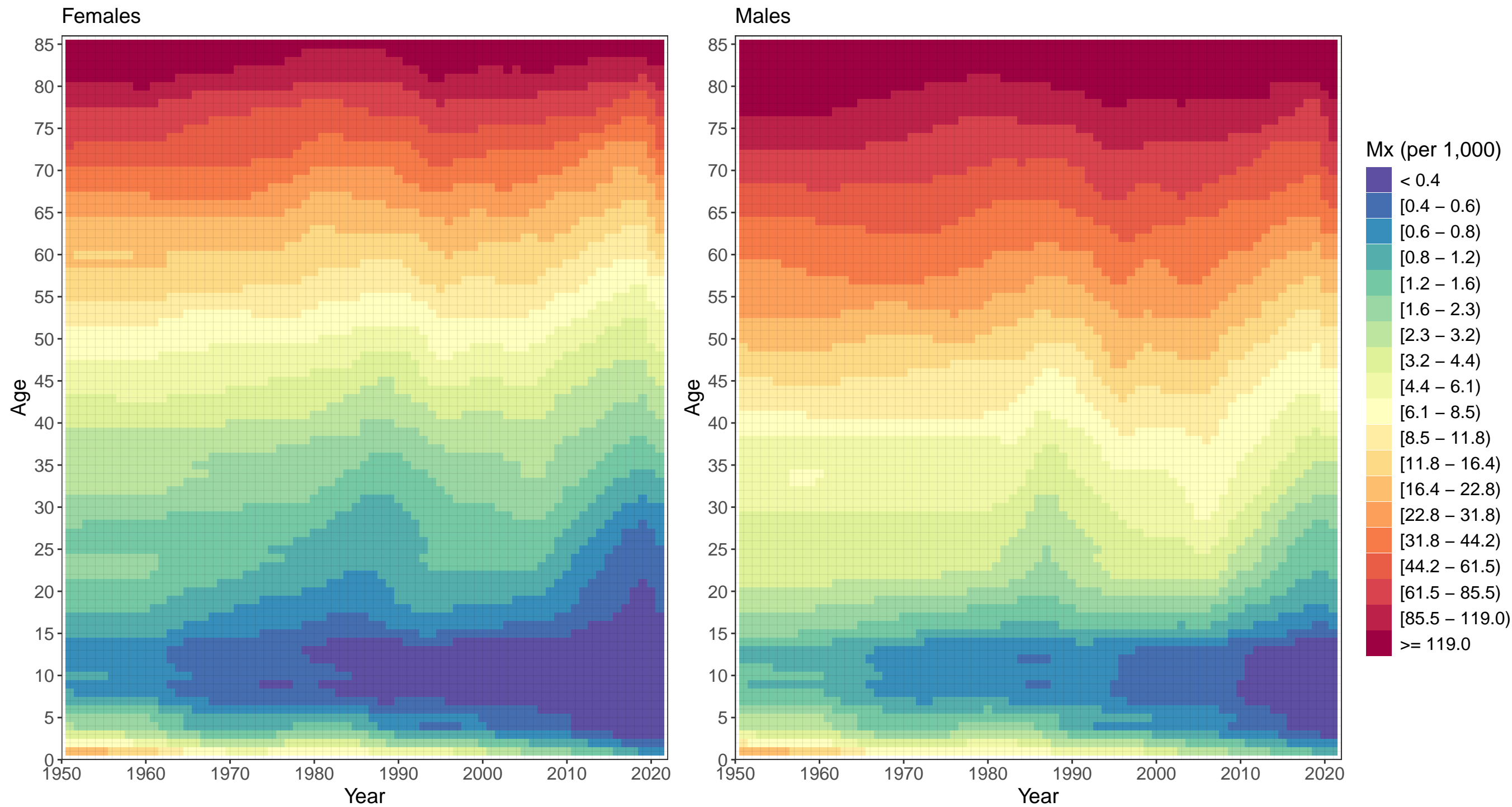
Males



Mx (per 1,000)

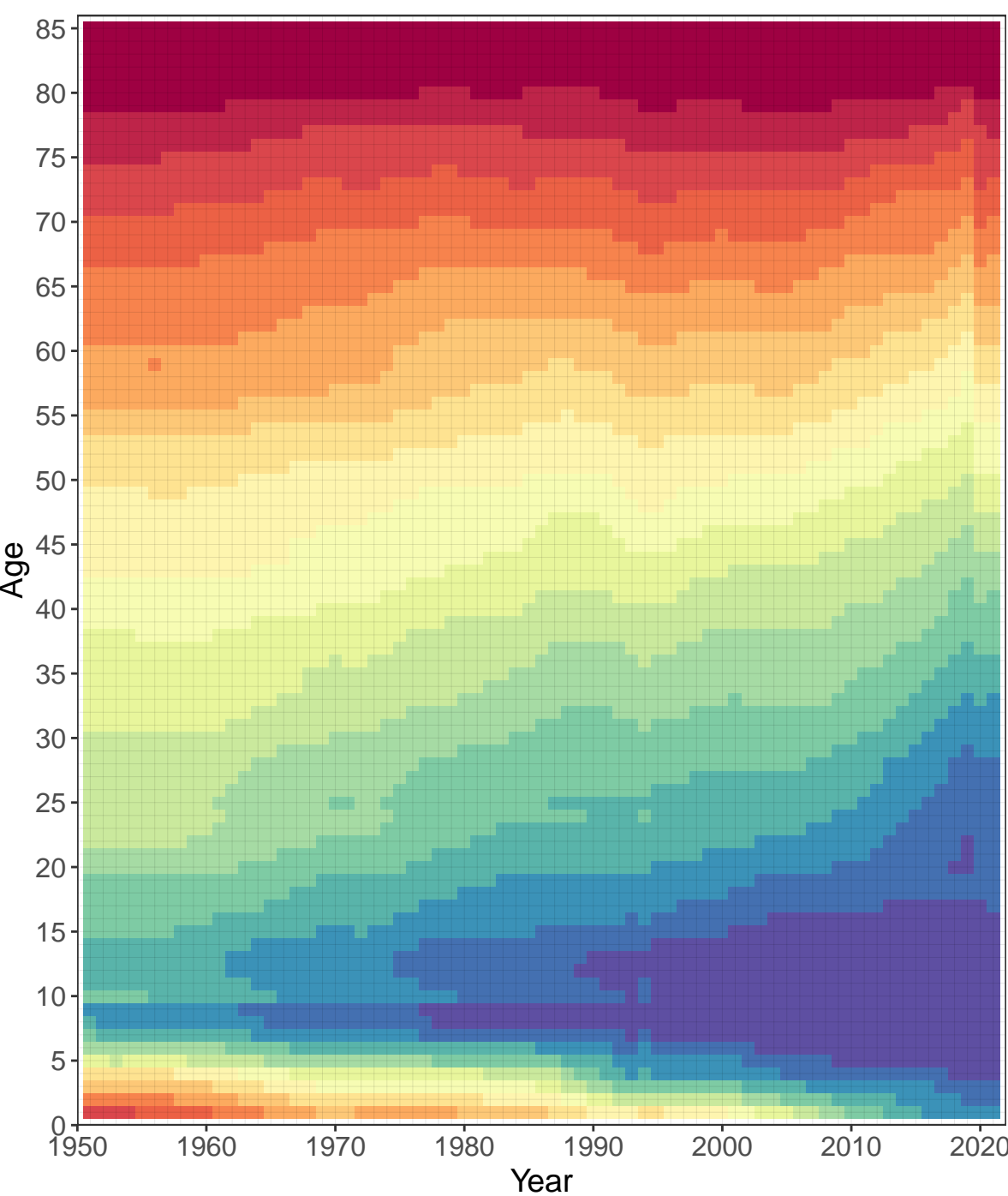


Appendix 2 Figure S4: Kazakhstan mortality rates, 1950–2023

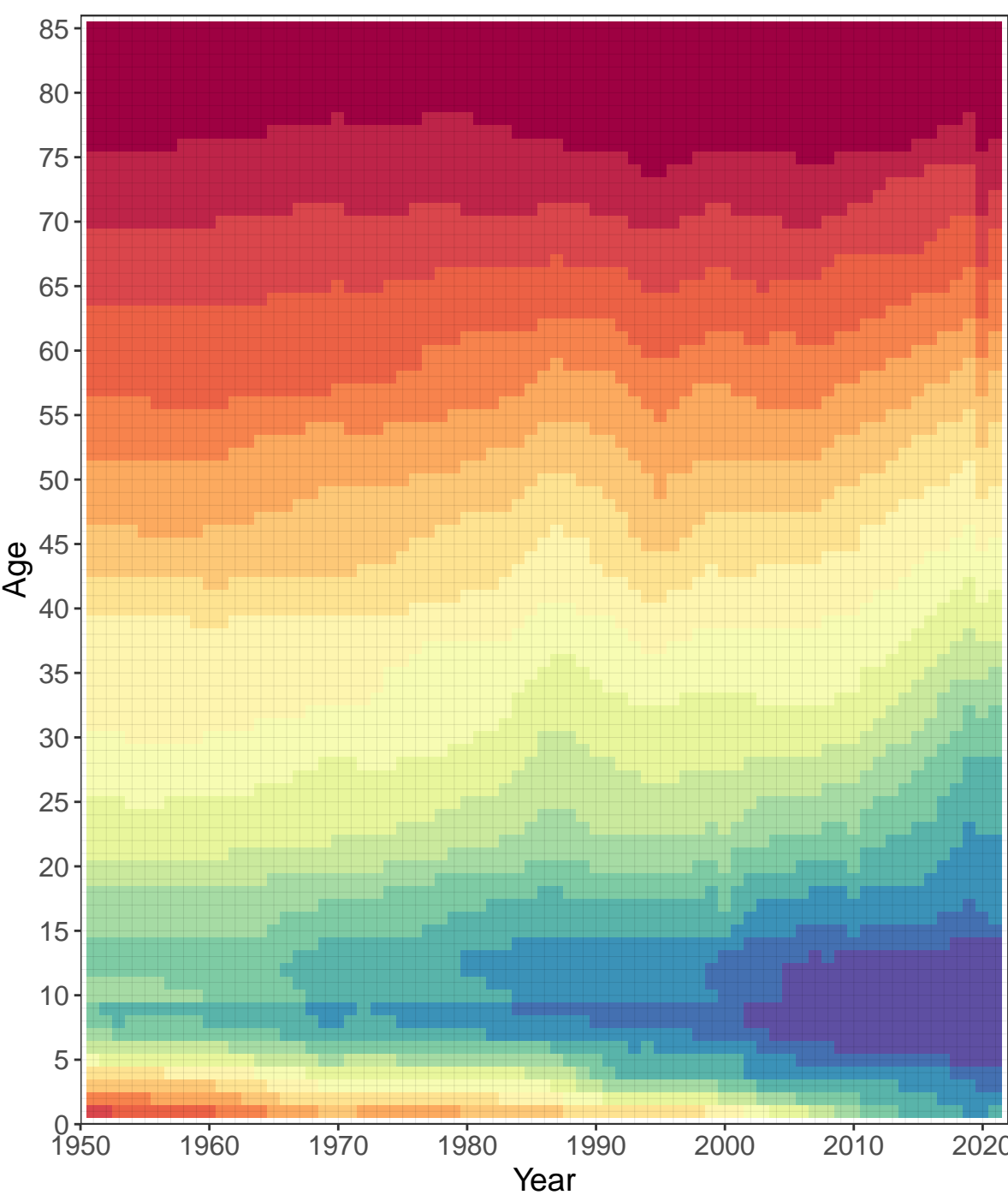


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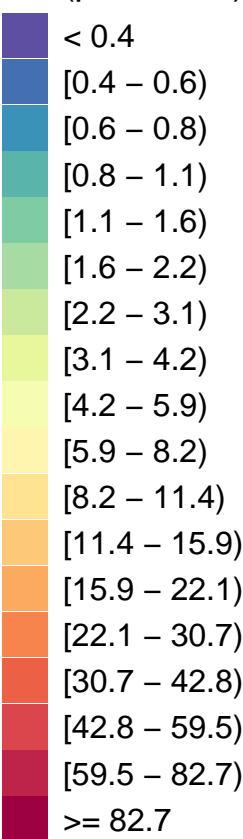
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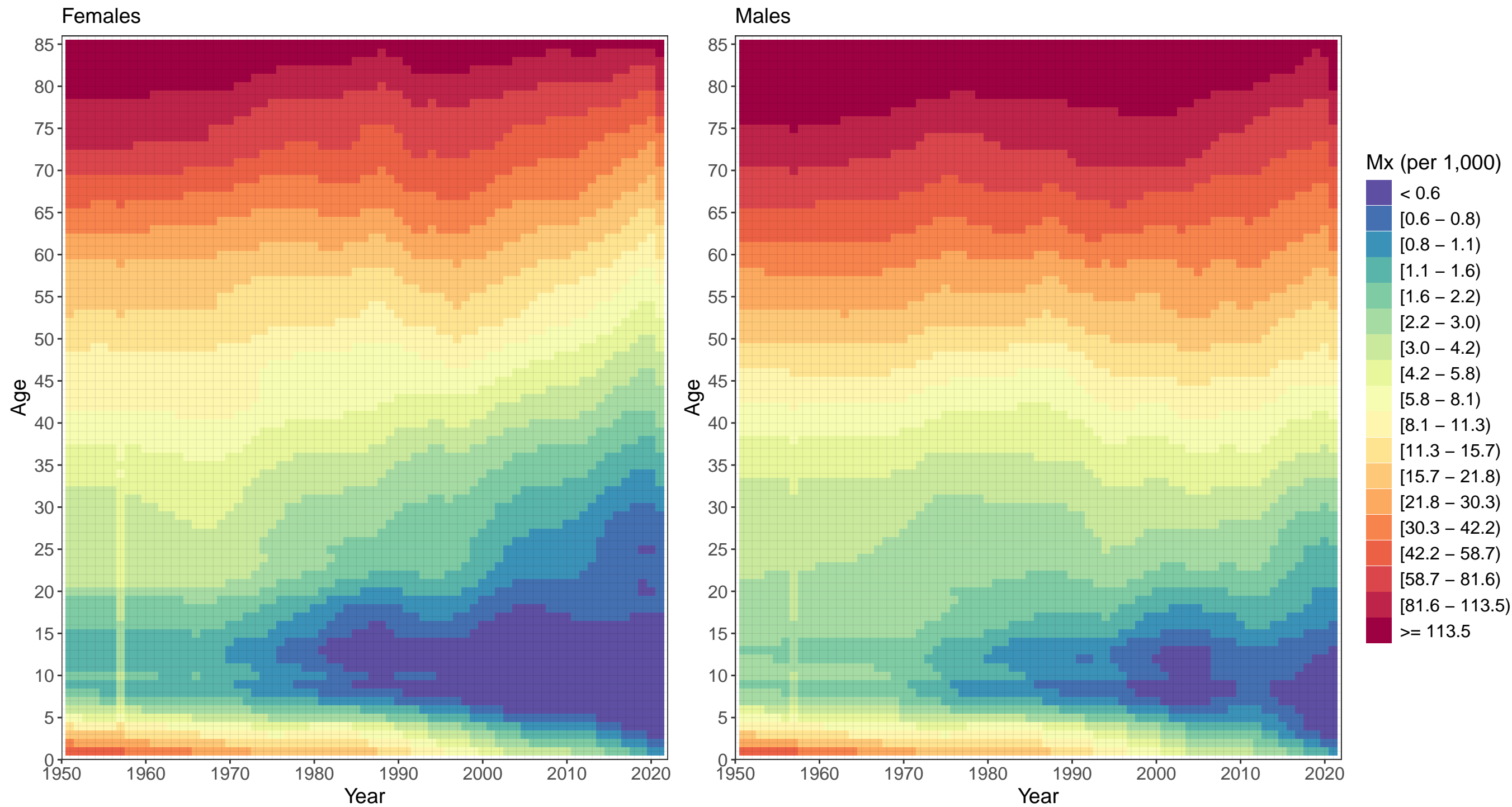
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Mx (per 1,000)

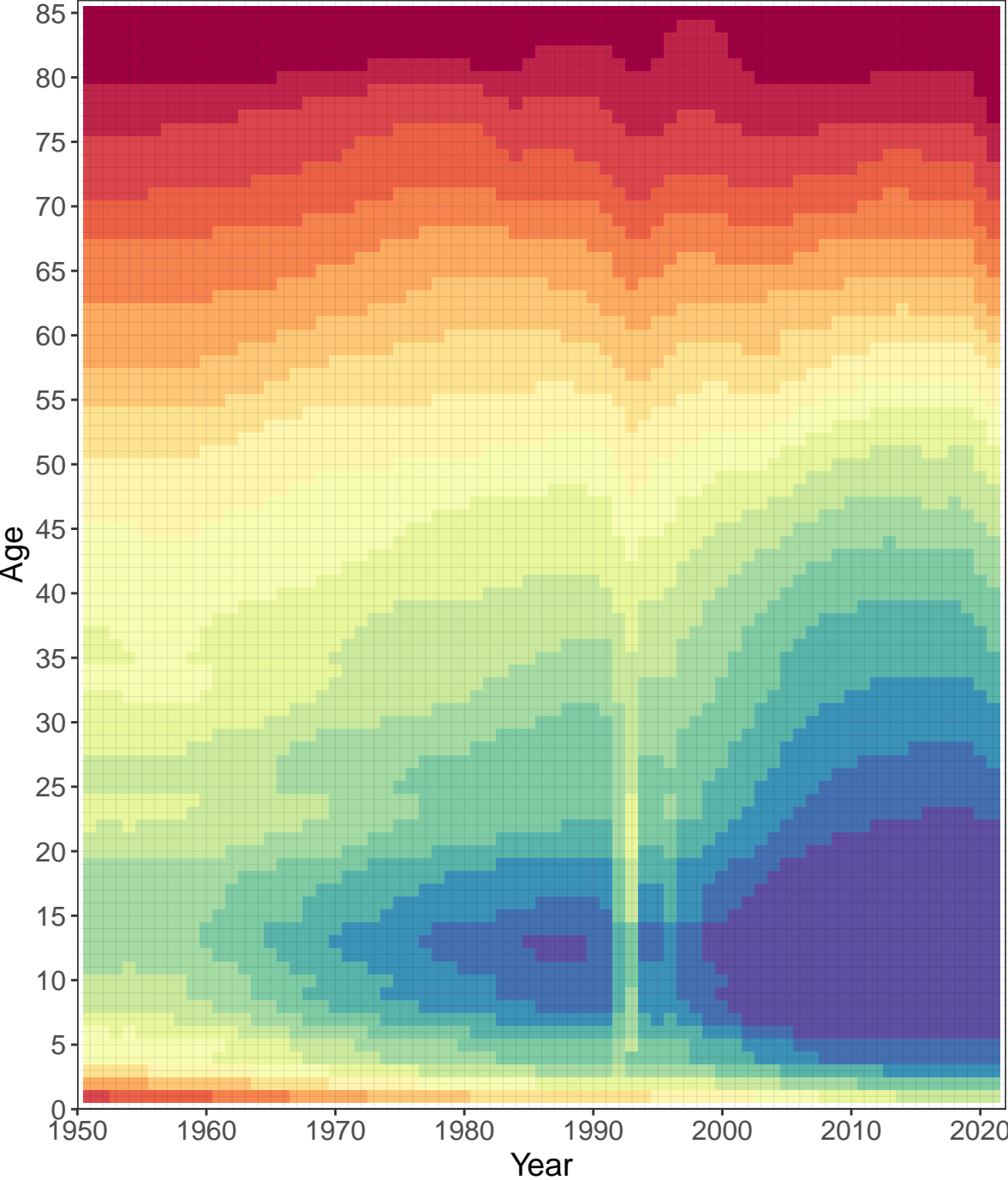


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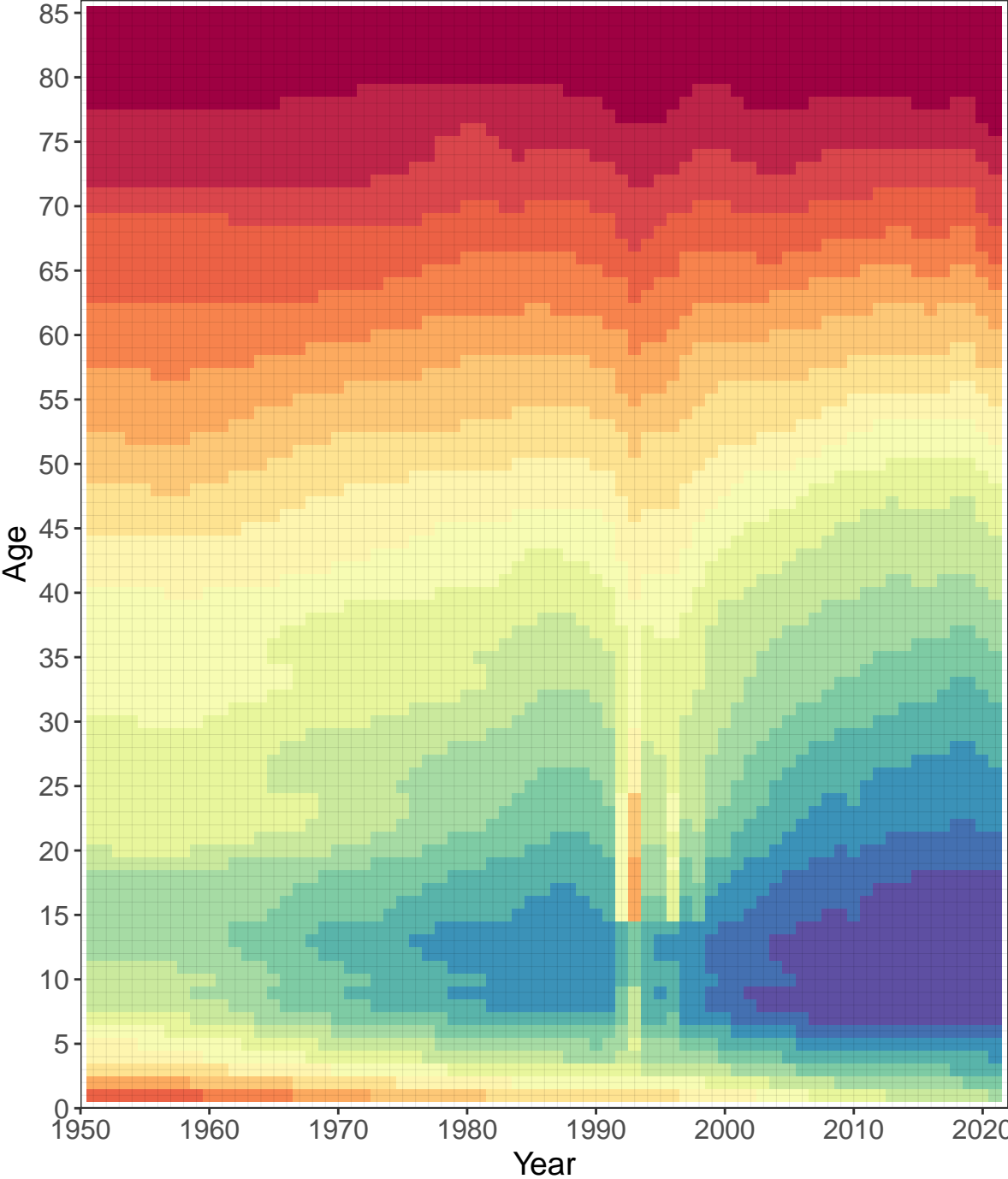


Appendix 2 Figure S4: Tajikistan mortality rates, 1950–2023

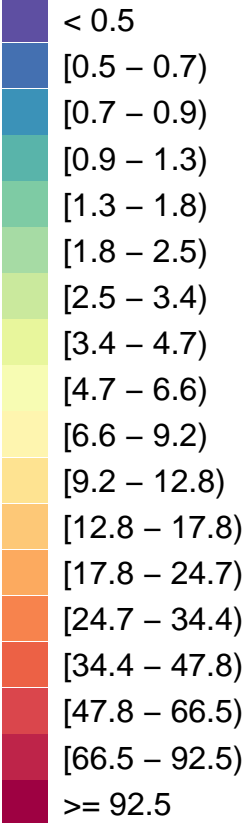
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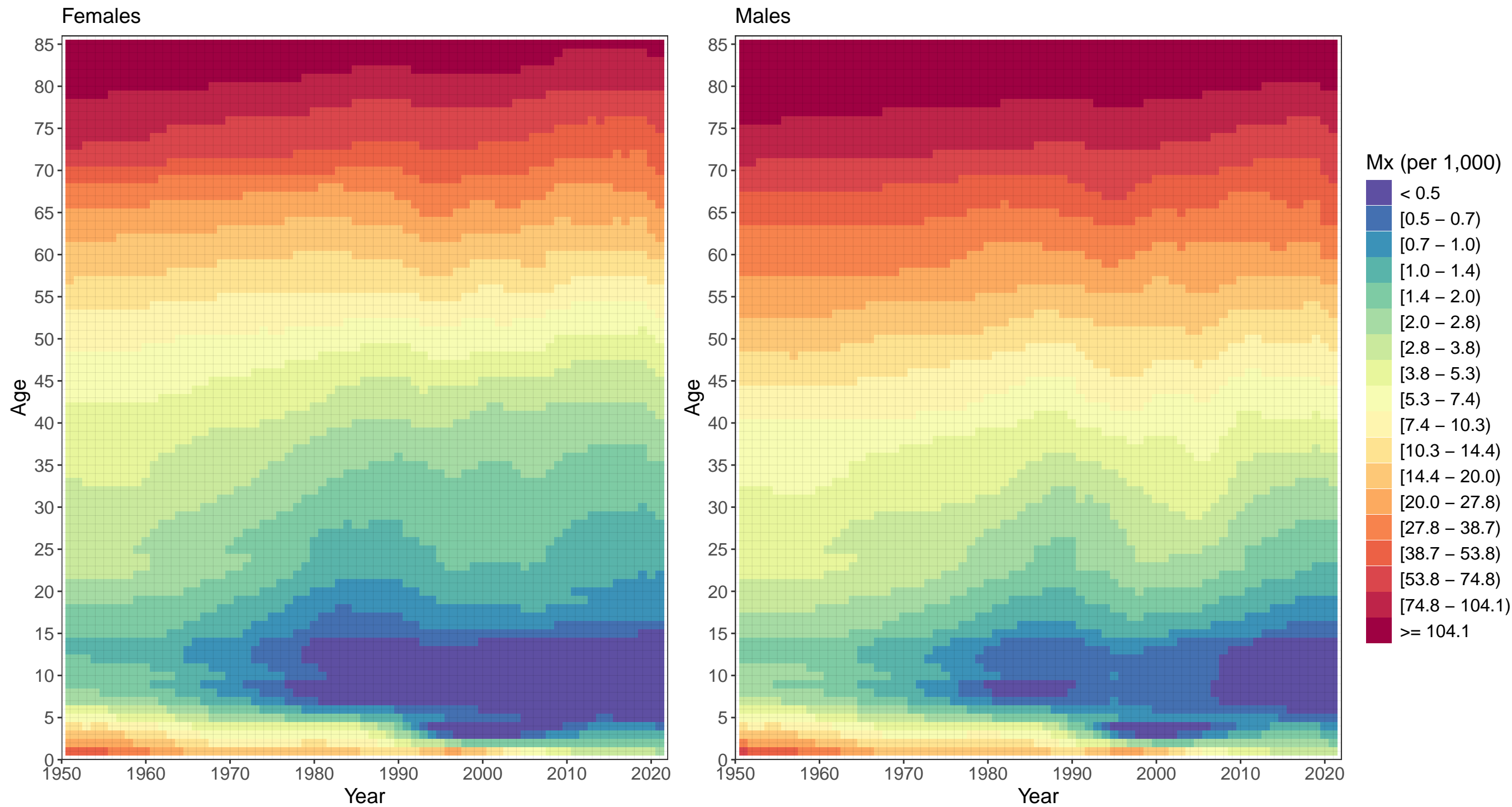
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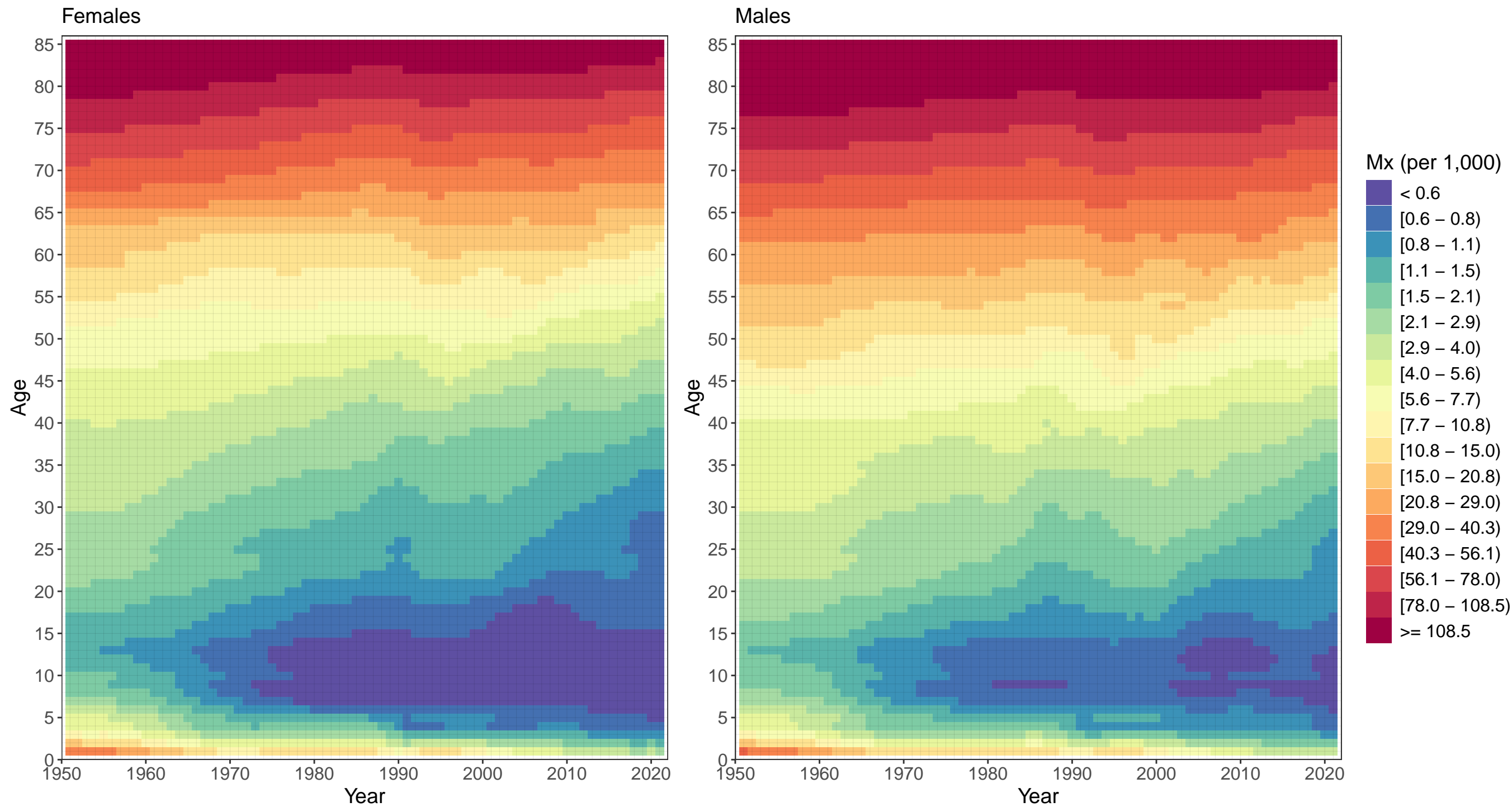
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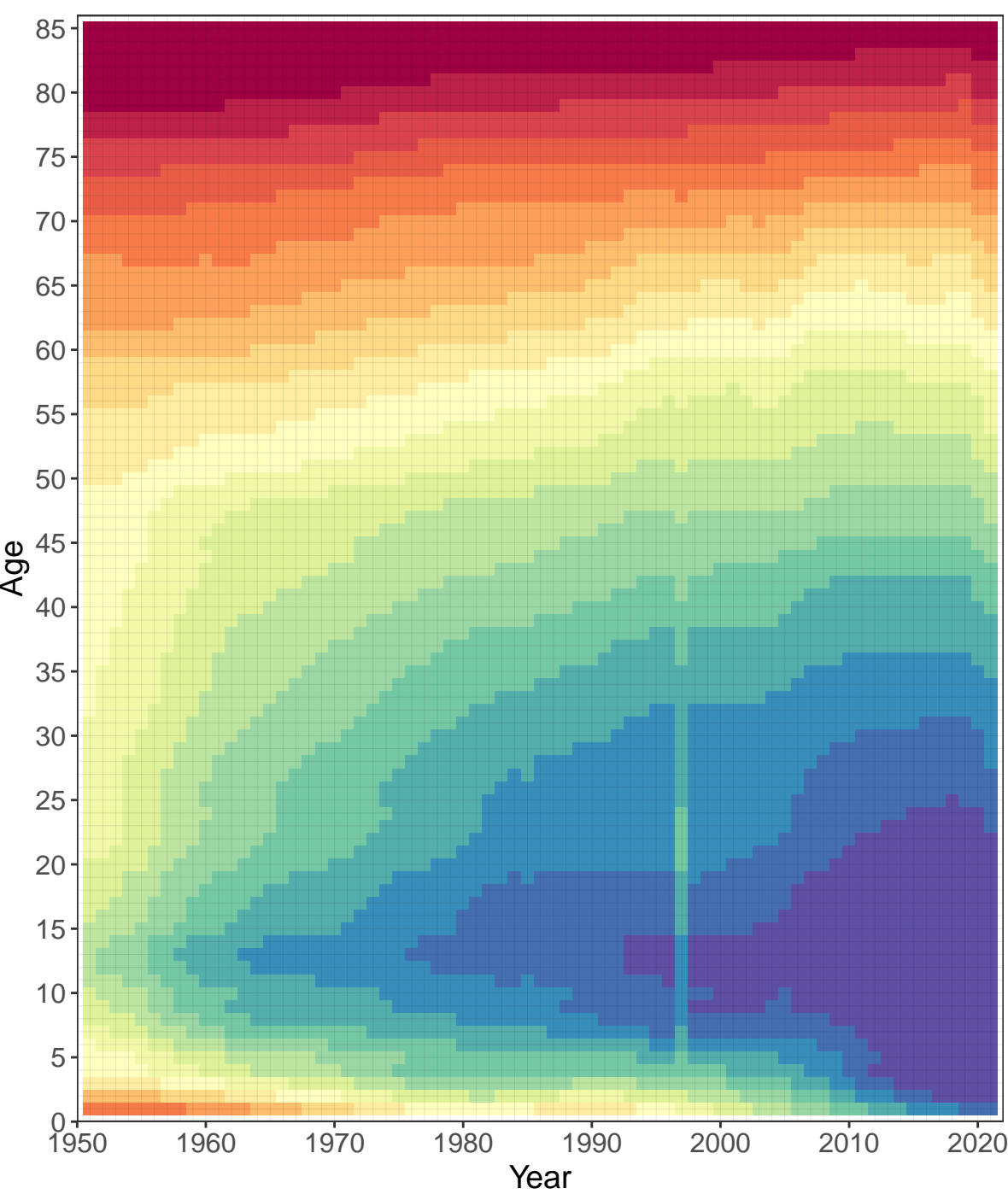


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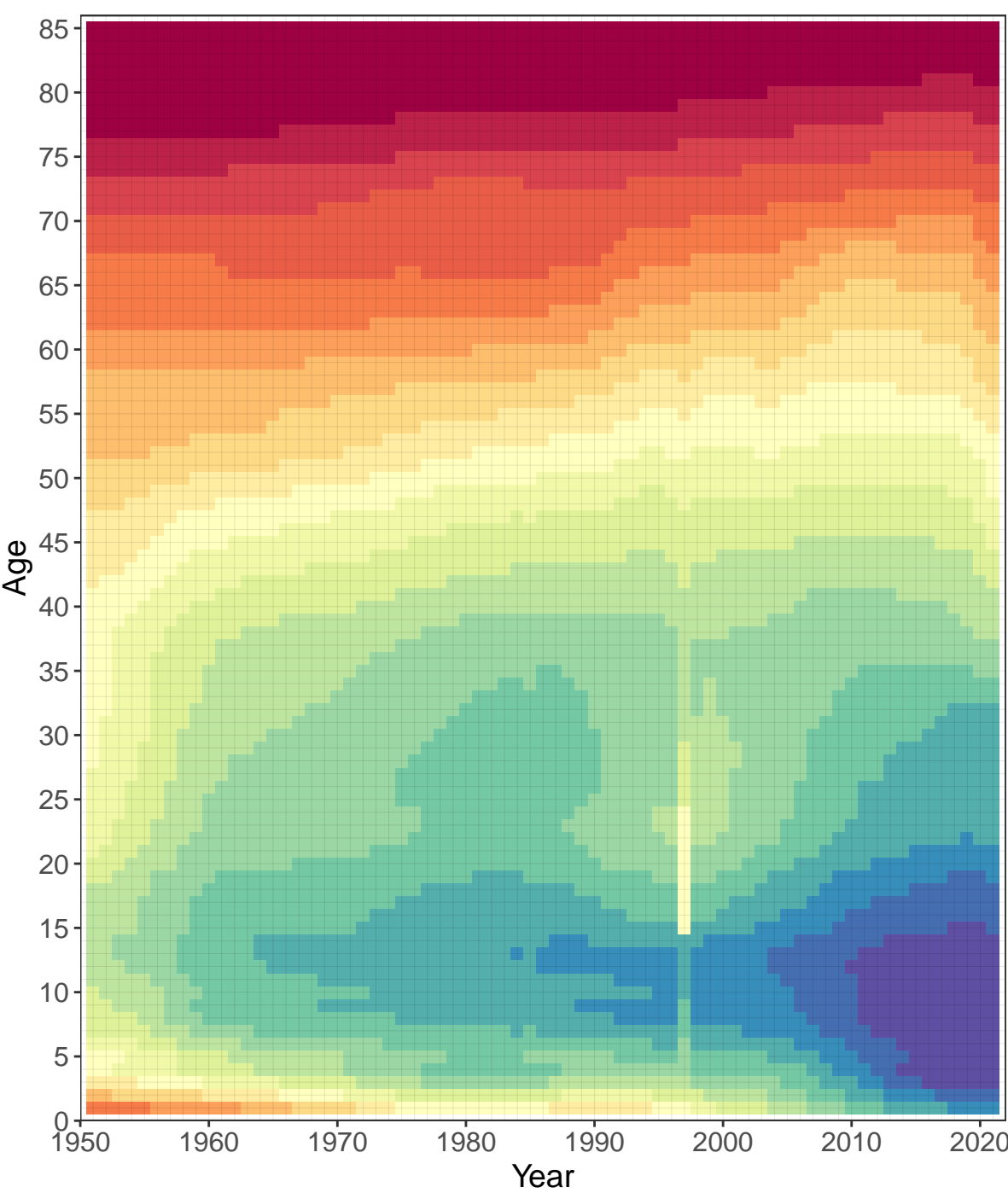


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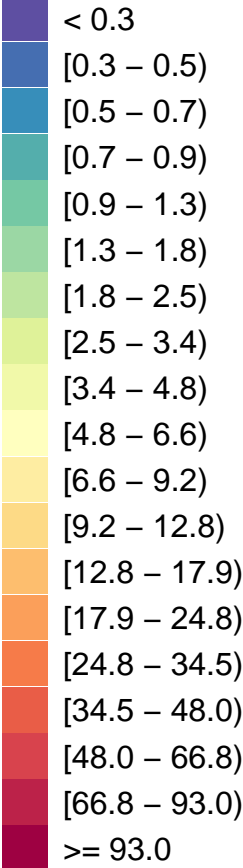
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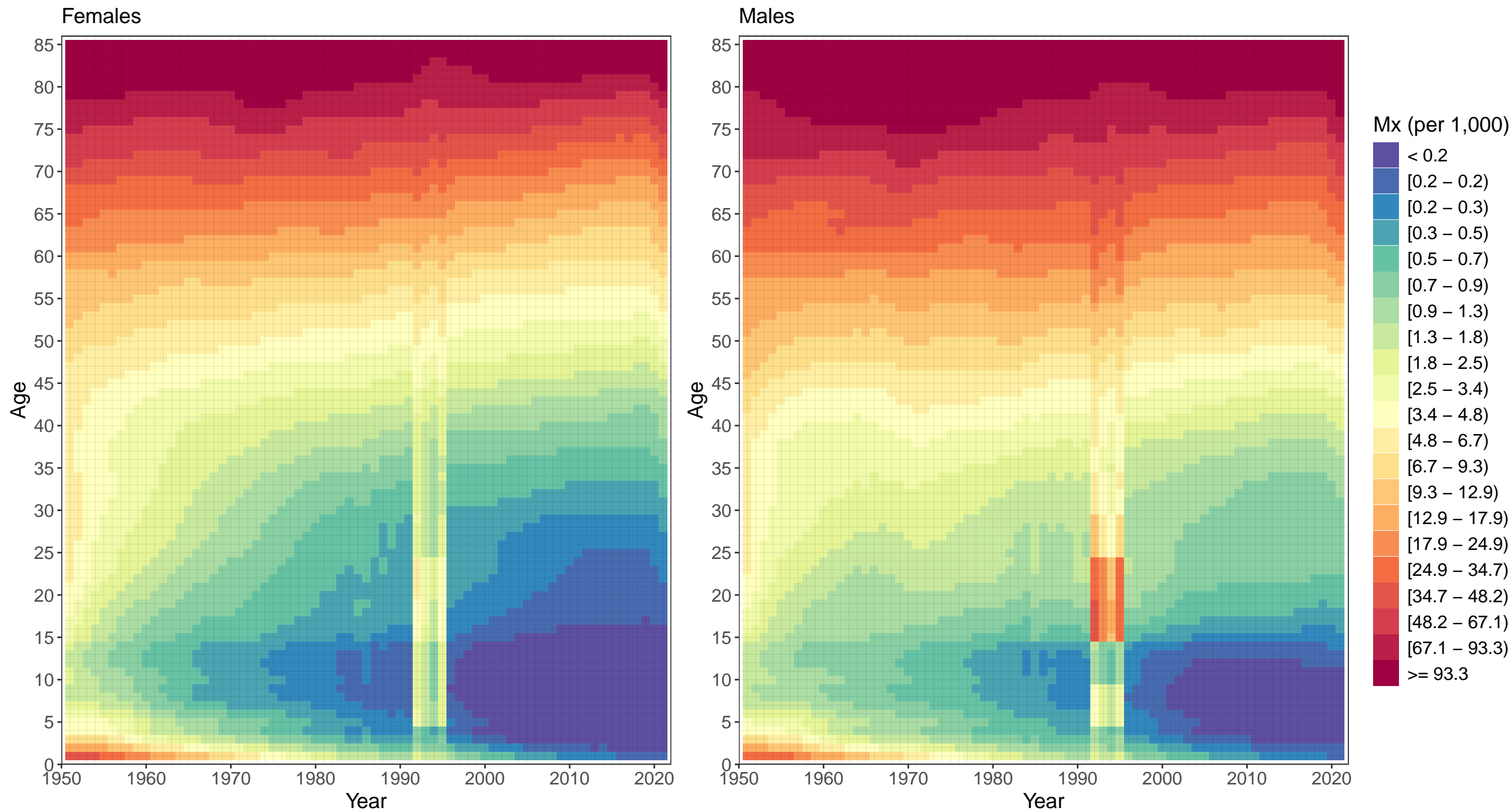
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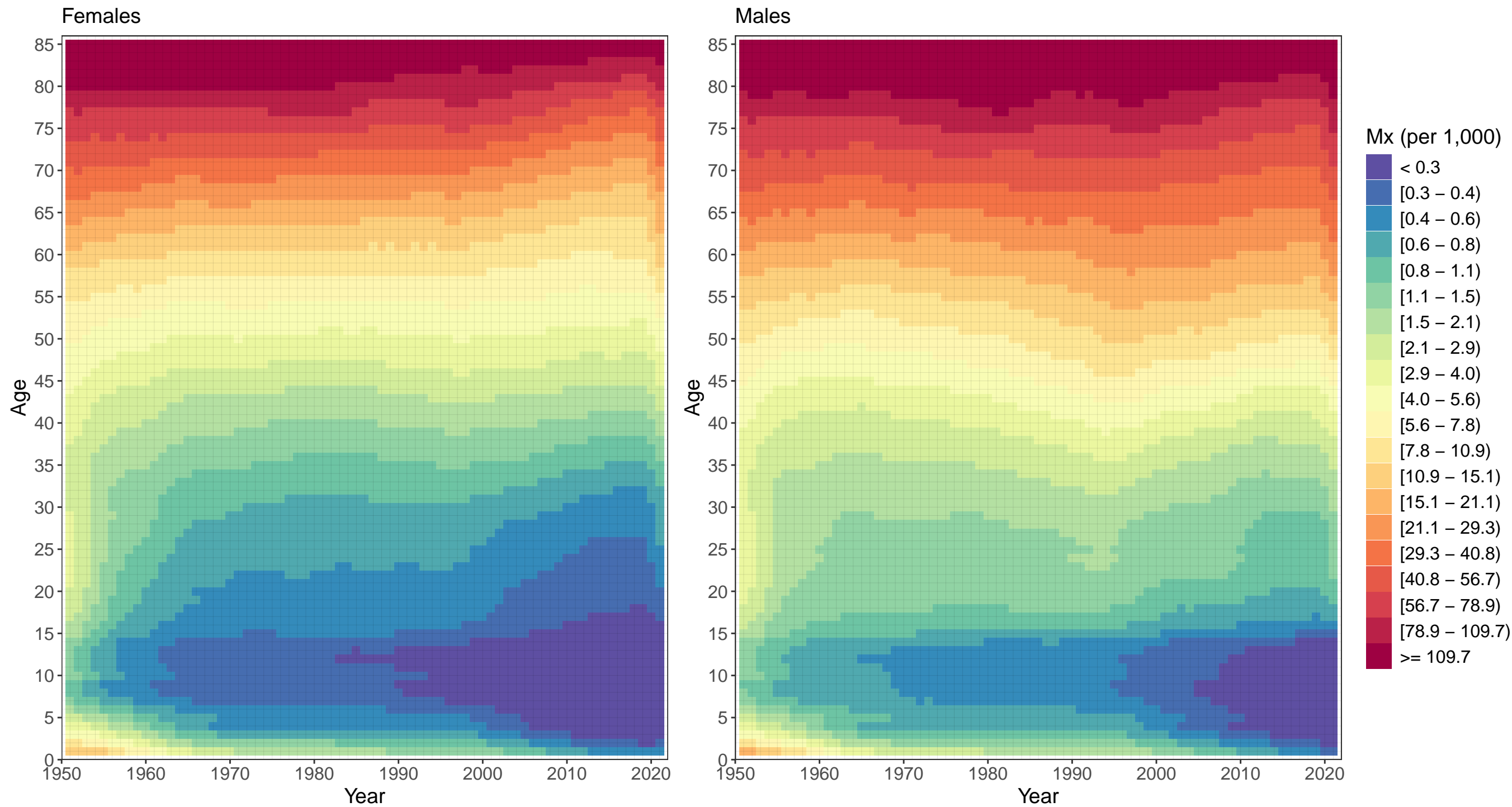
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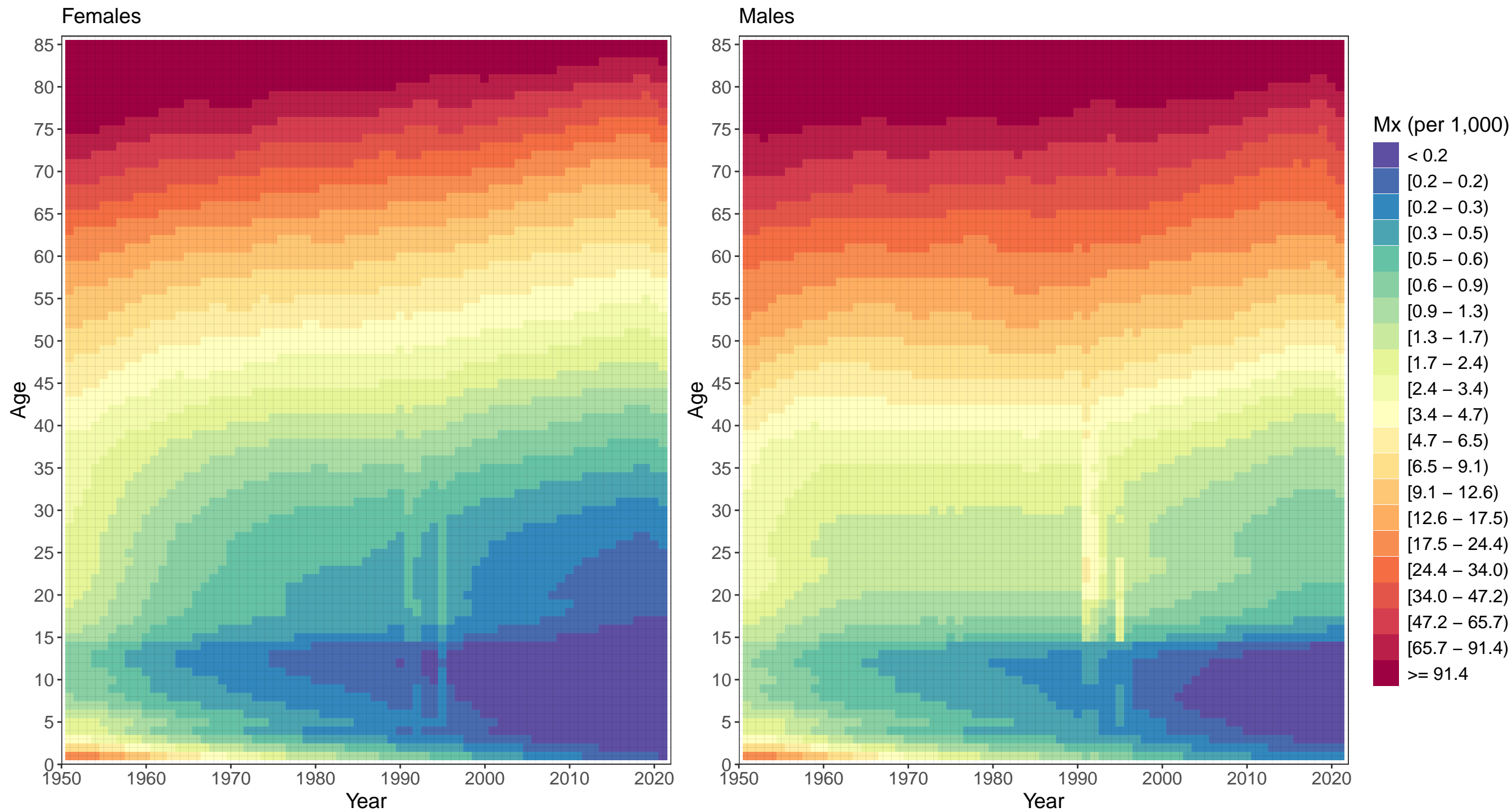
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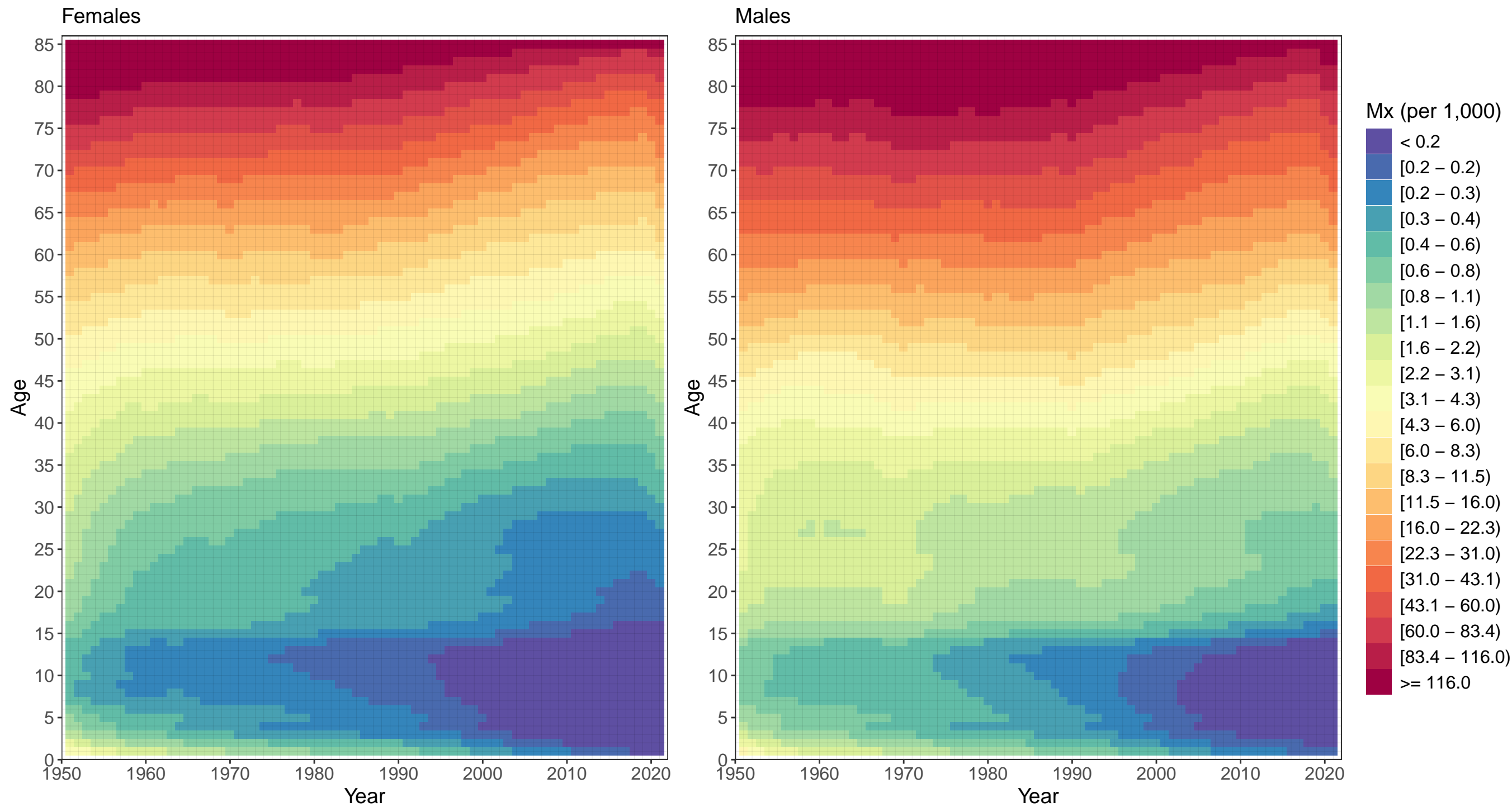
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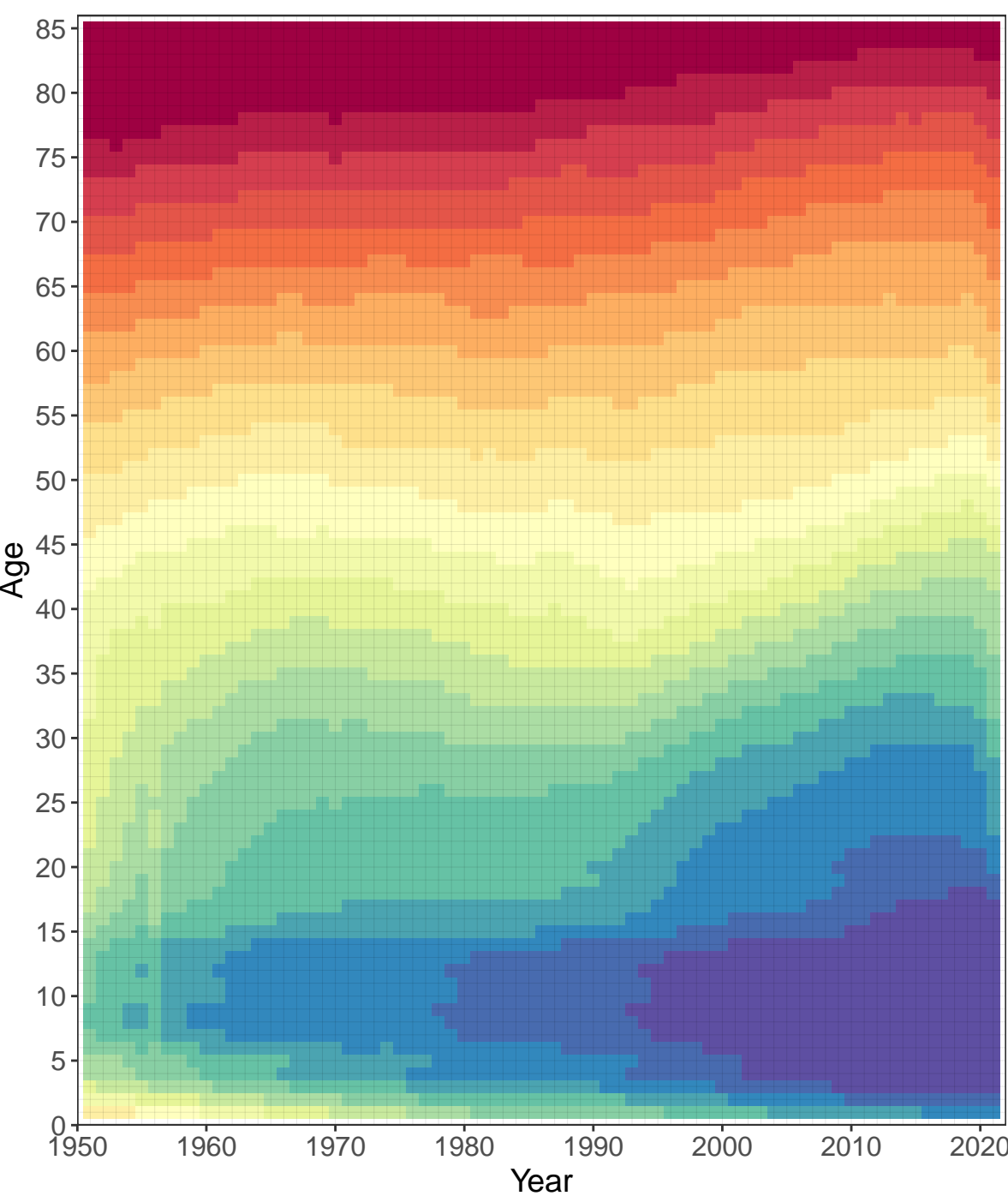


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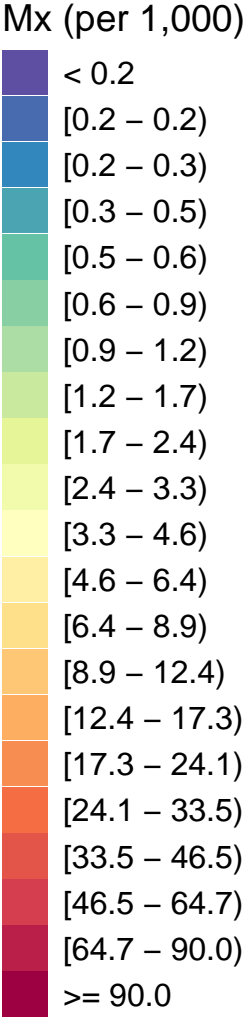
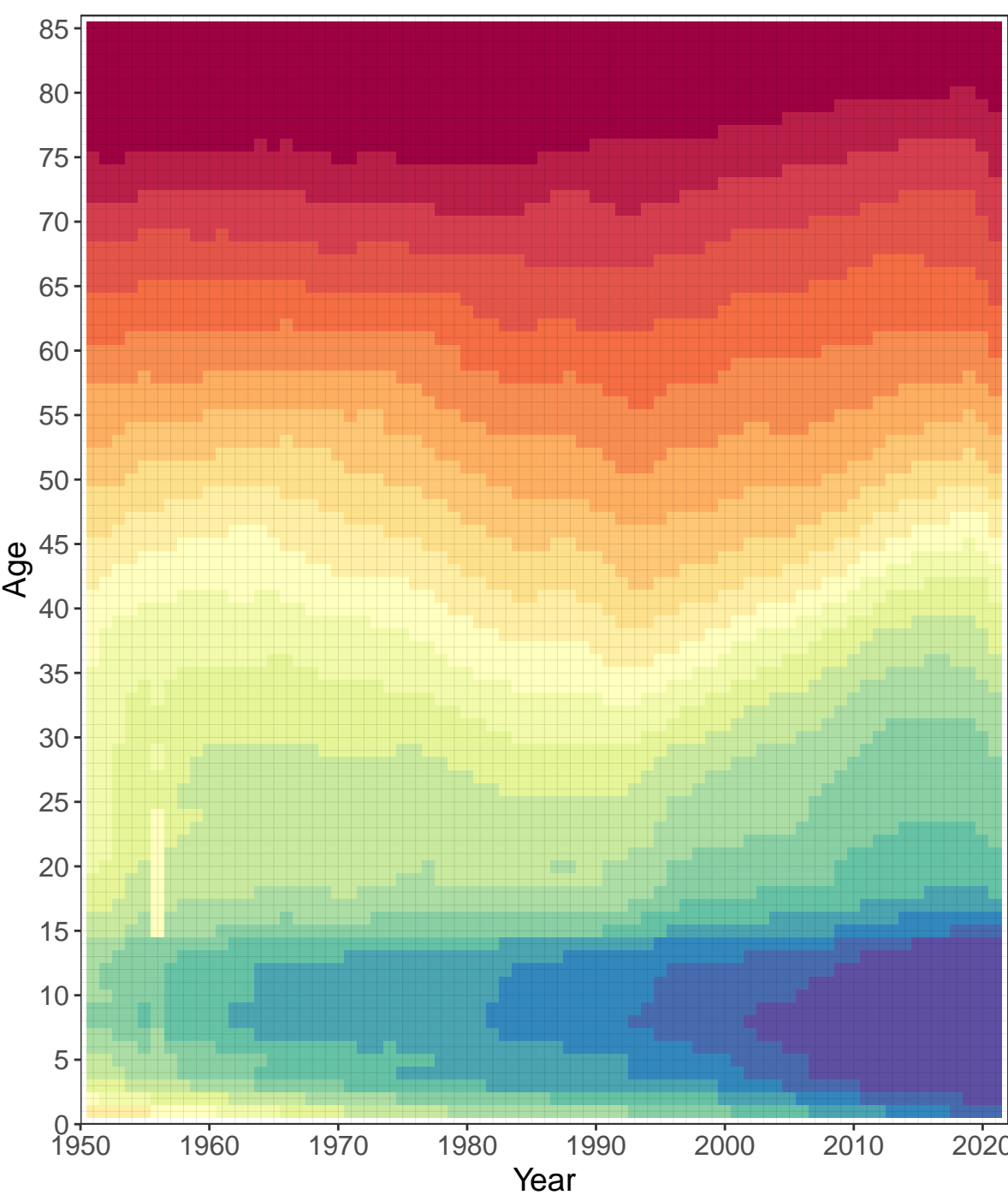


Appendix 2 Figure S4: Hungary mortality rates, 1950–2023

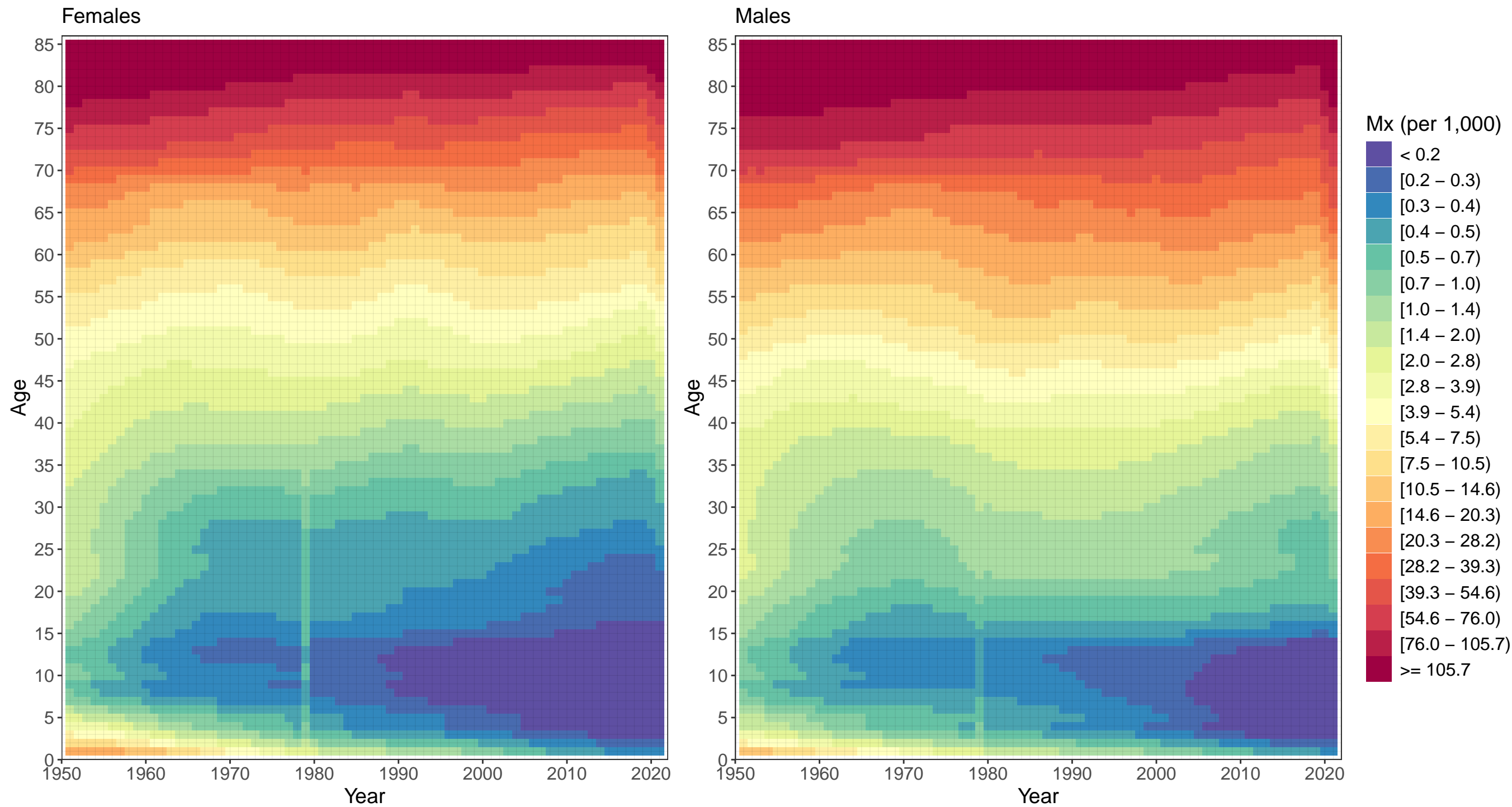
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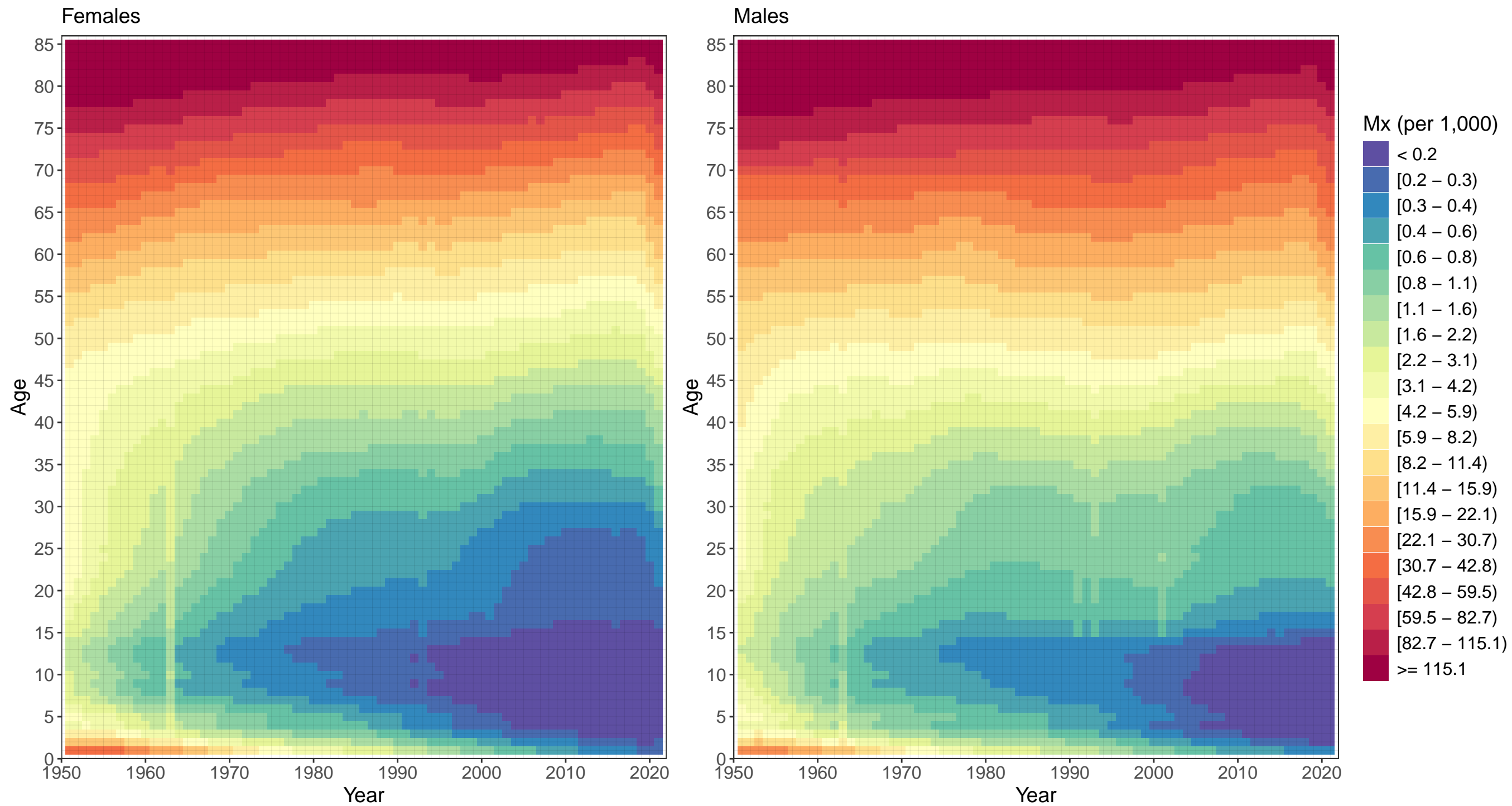
Males



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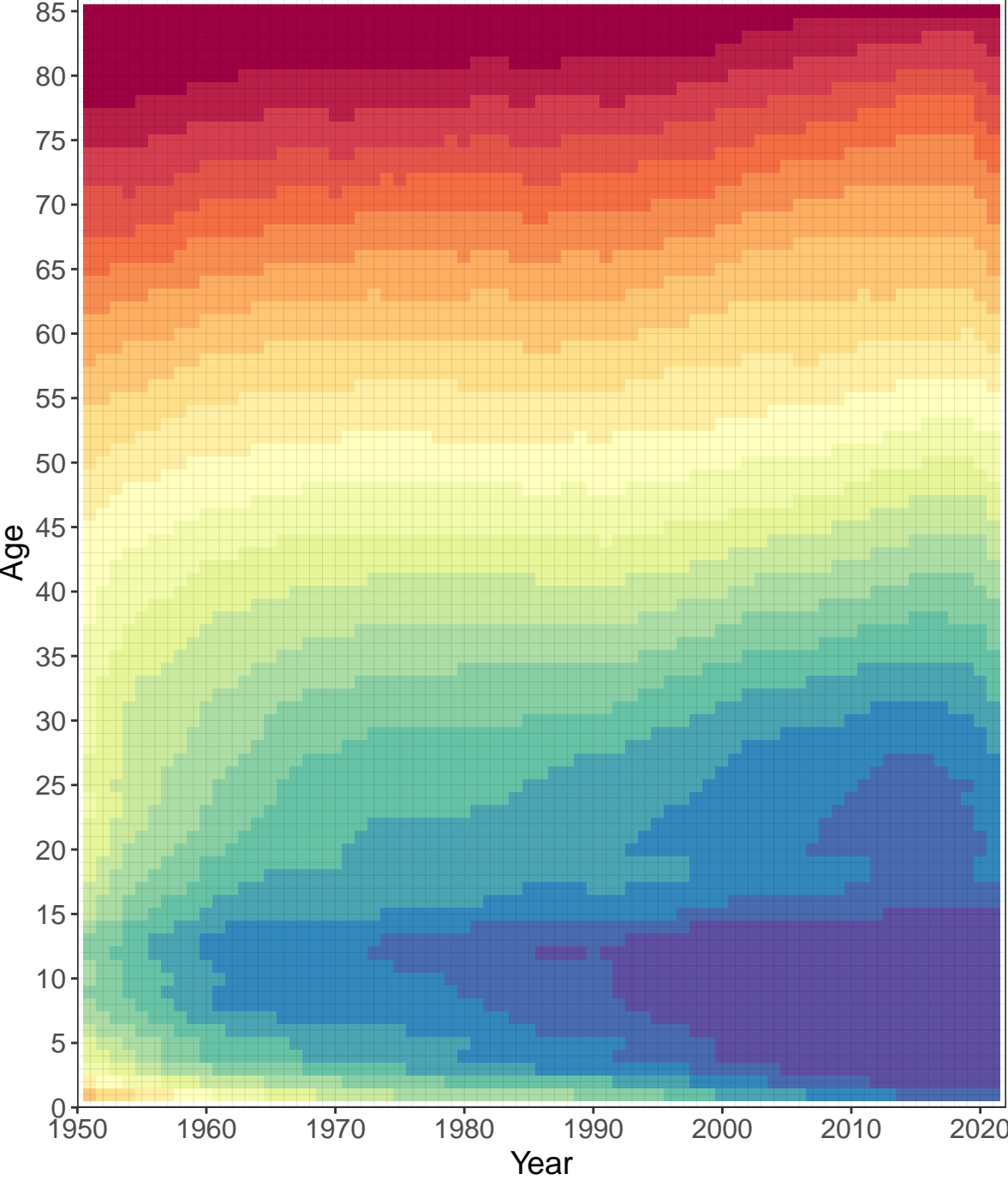


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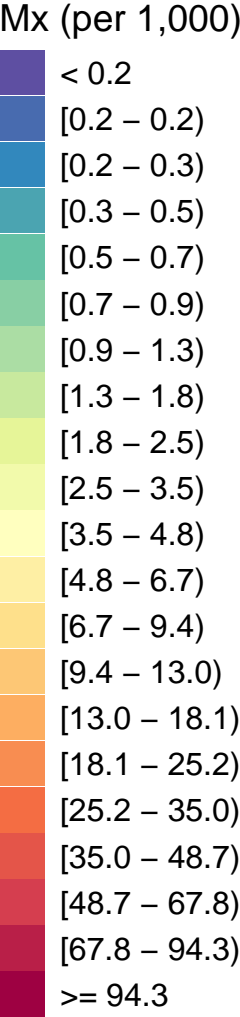
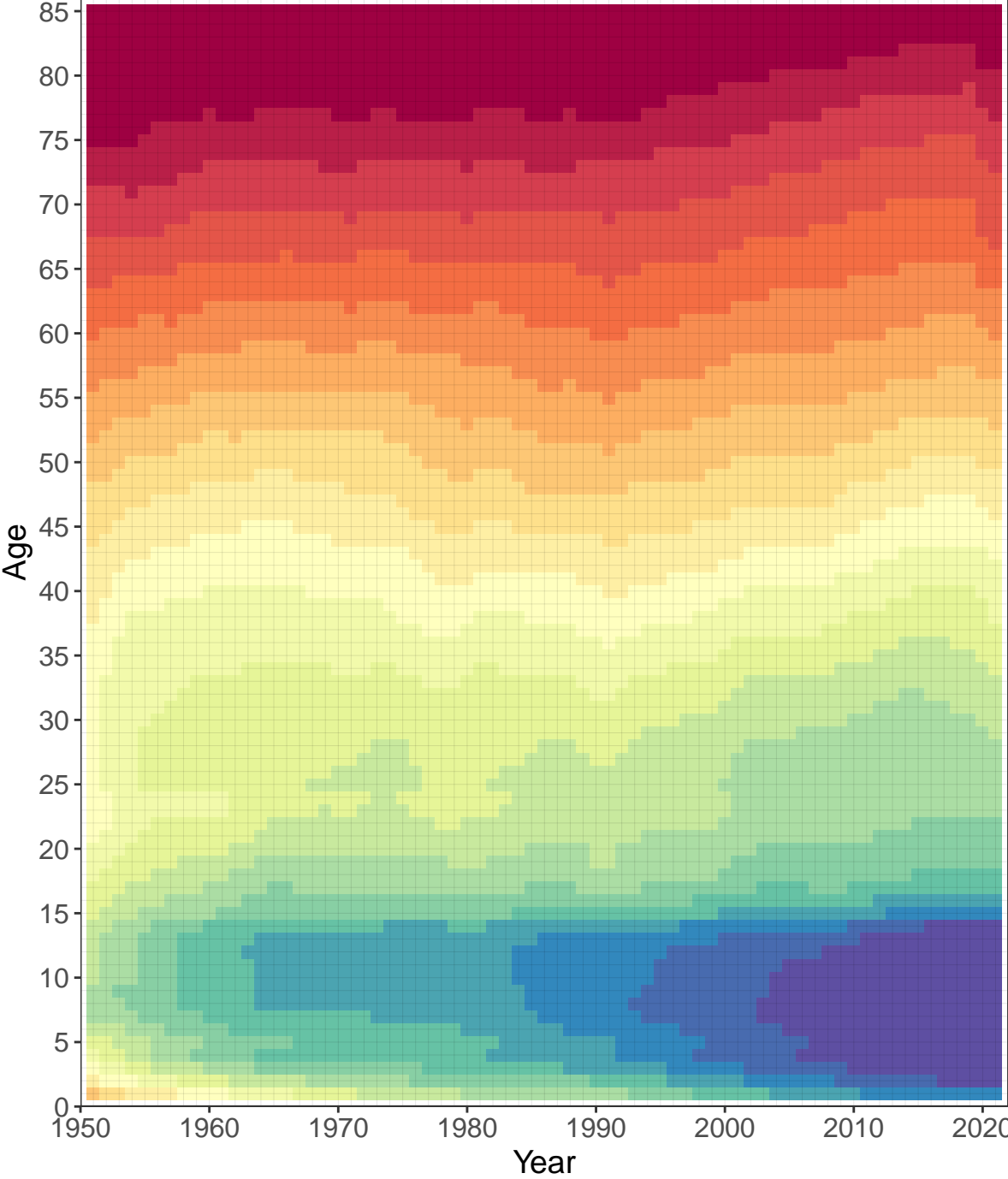


Appendix 2 Figure S4: Poland mortality rates, 1950–2023

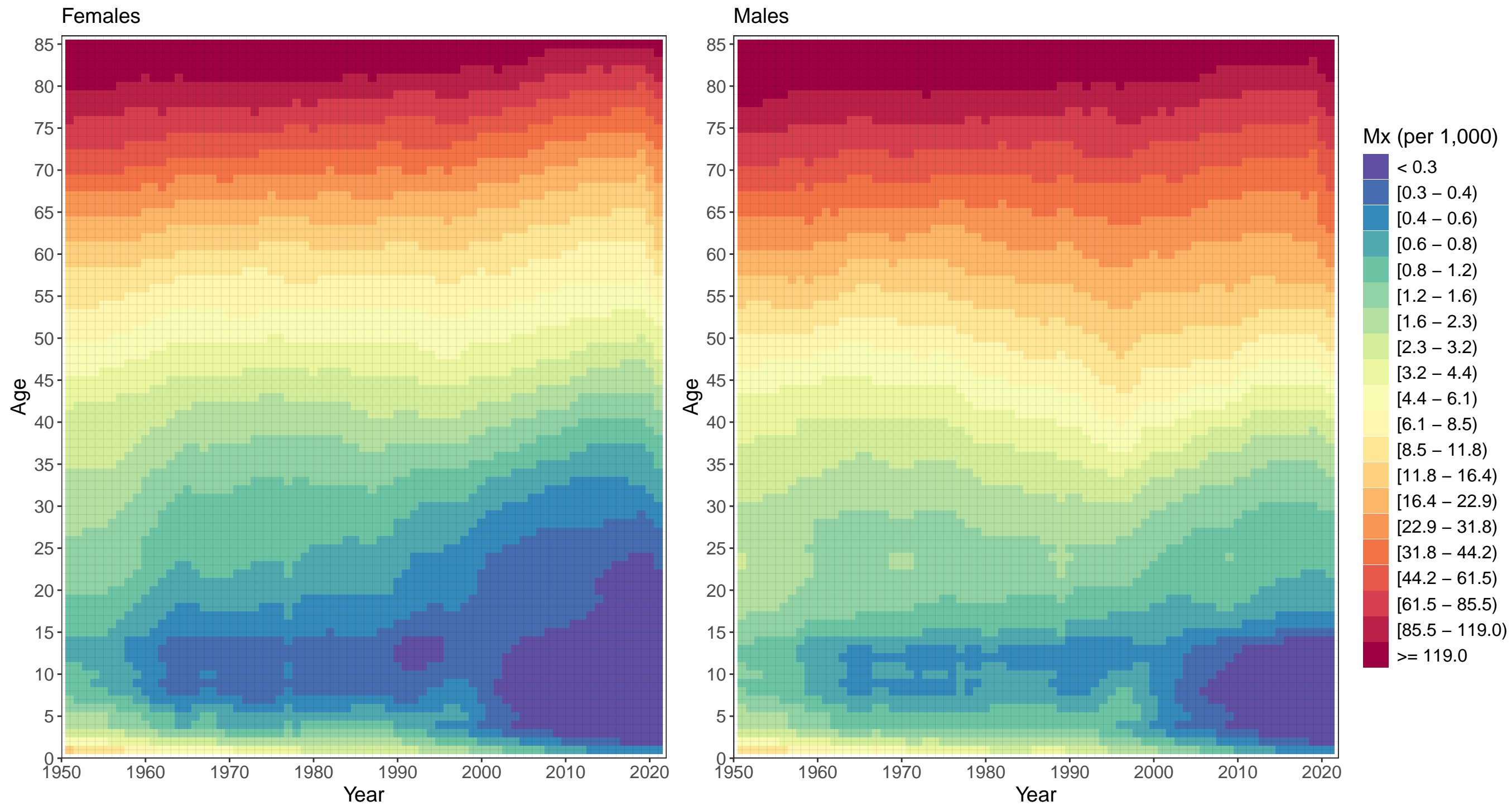
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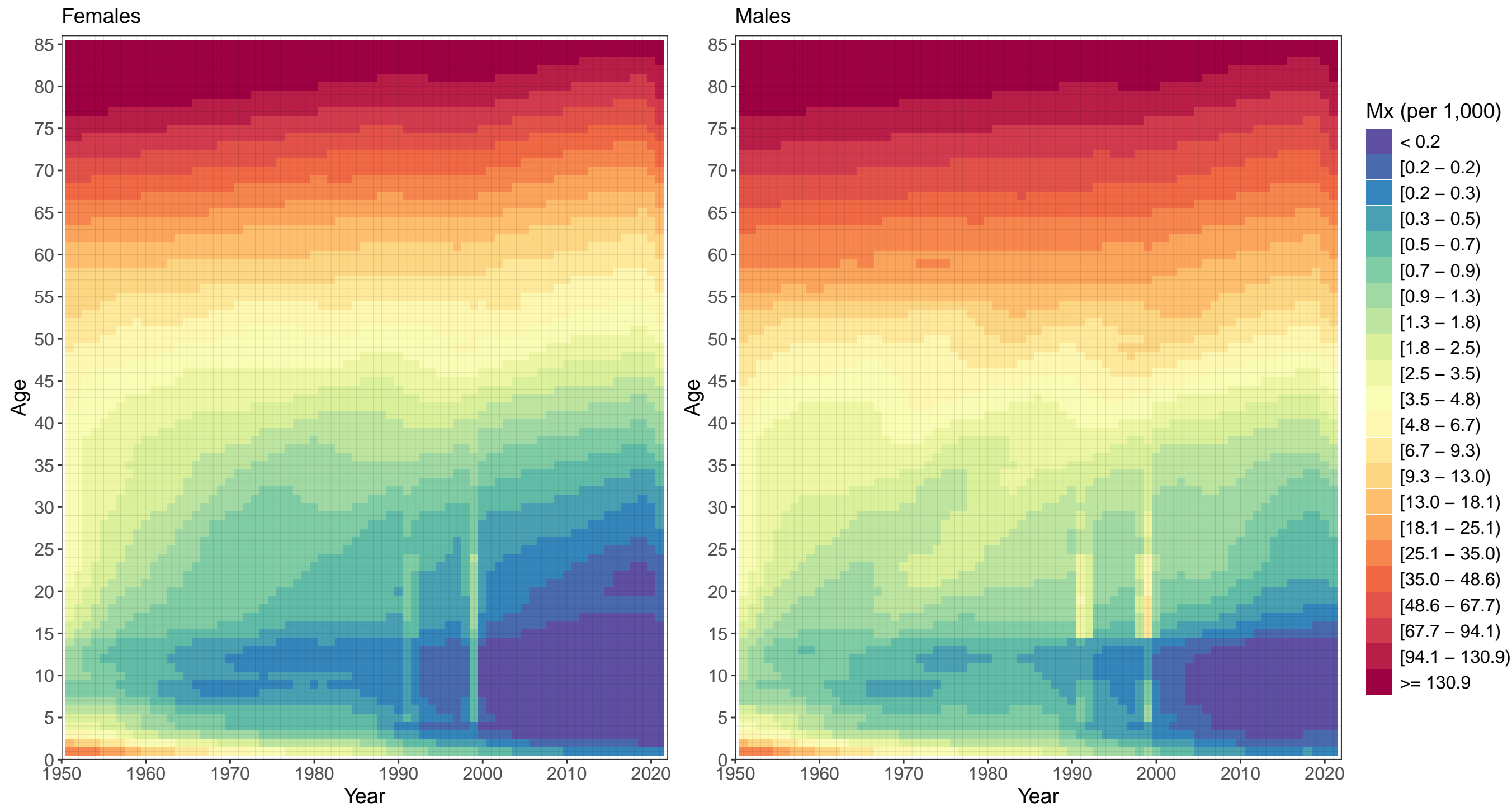
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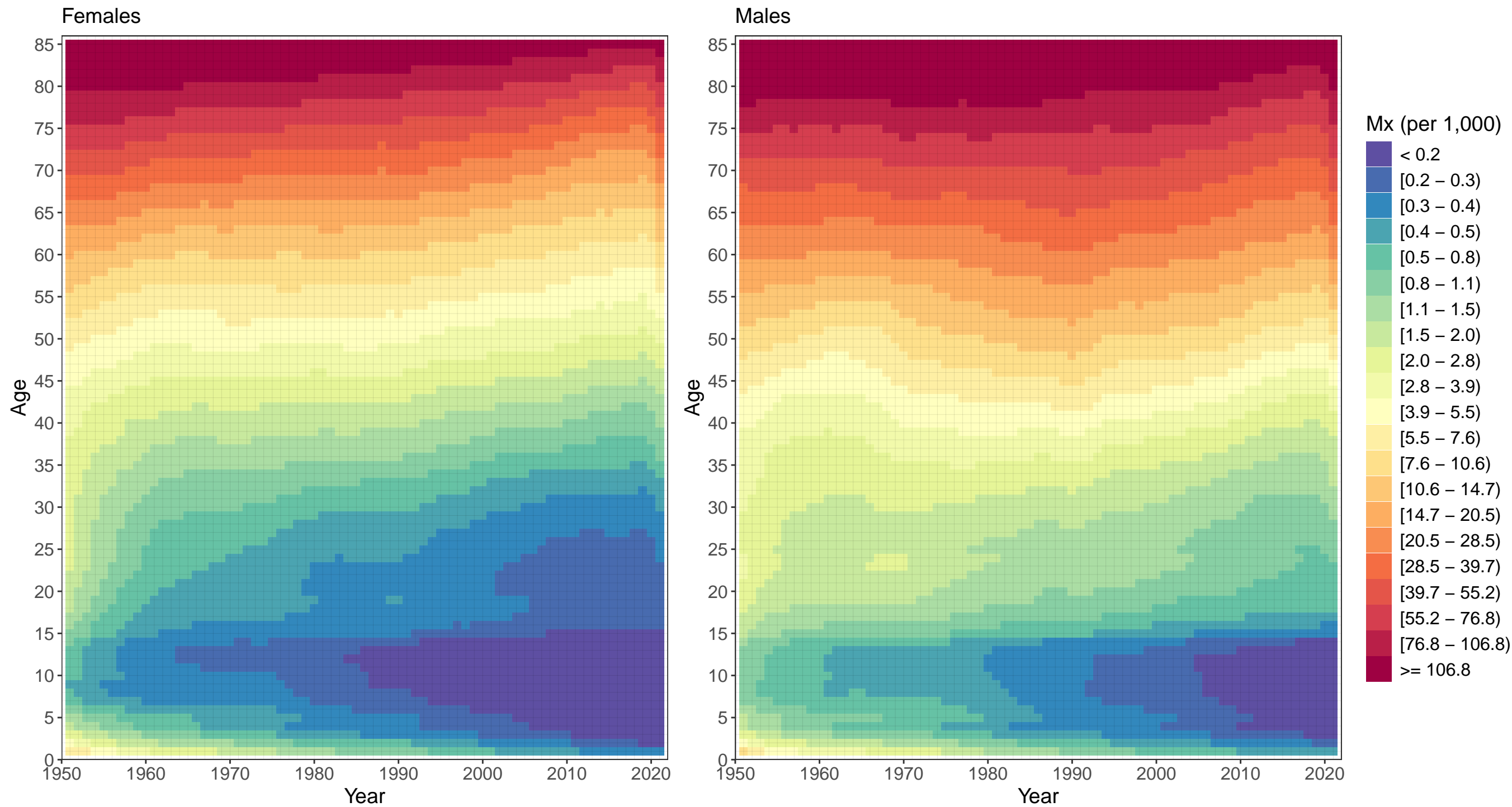
Appendix 2 Figure S4: Romania mortality rates, 1950–2023



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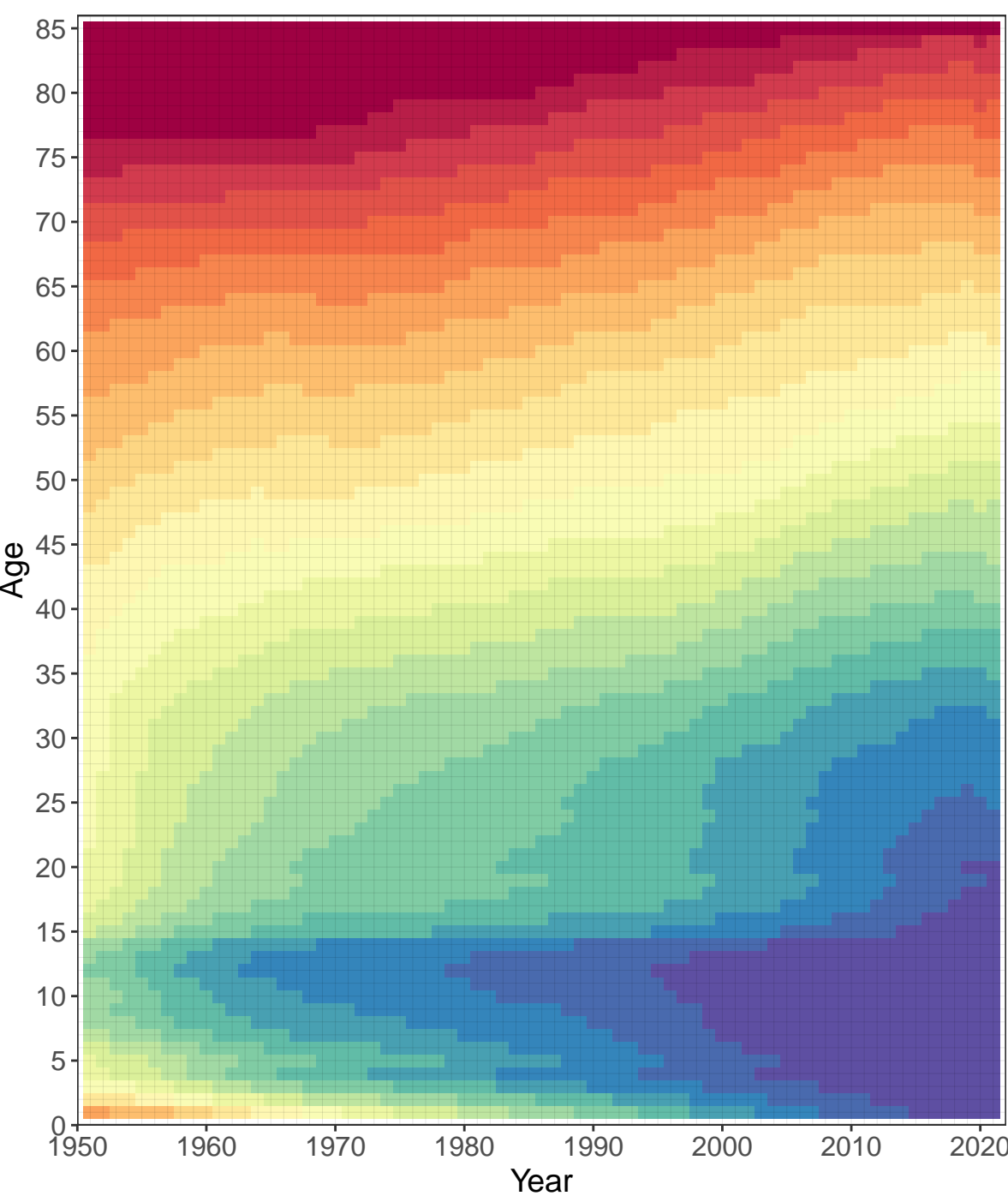


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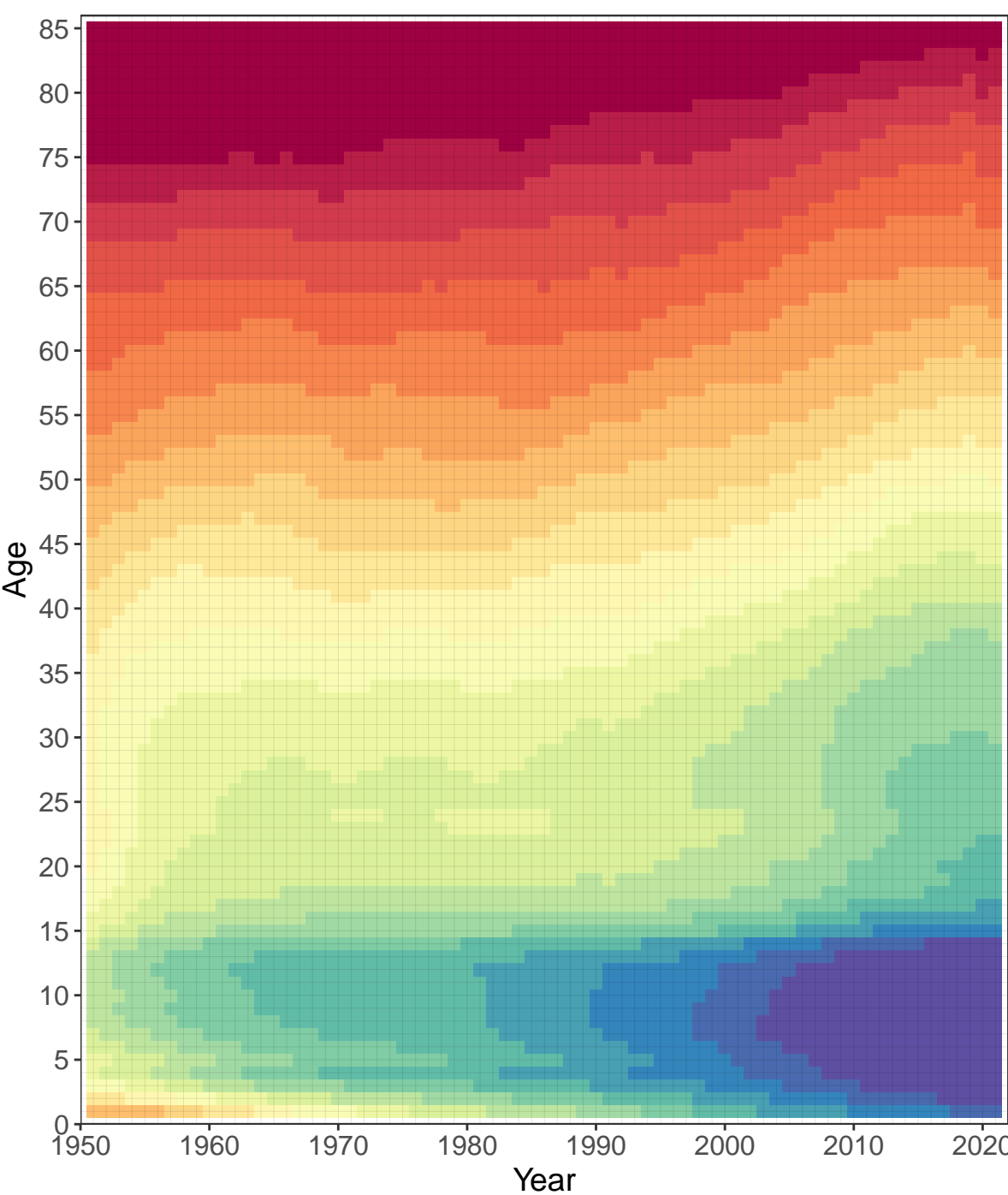


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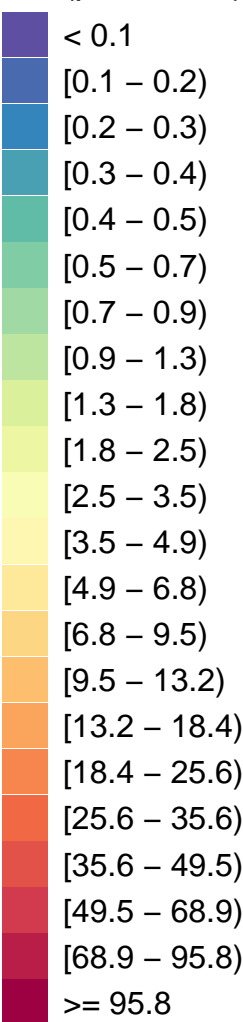
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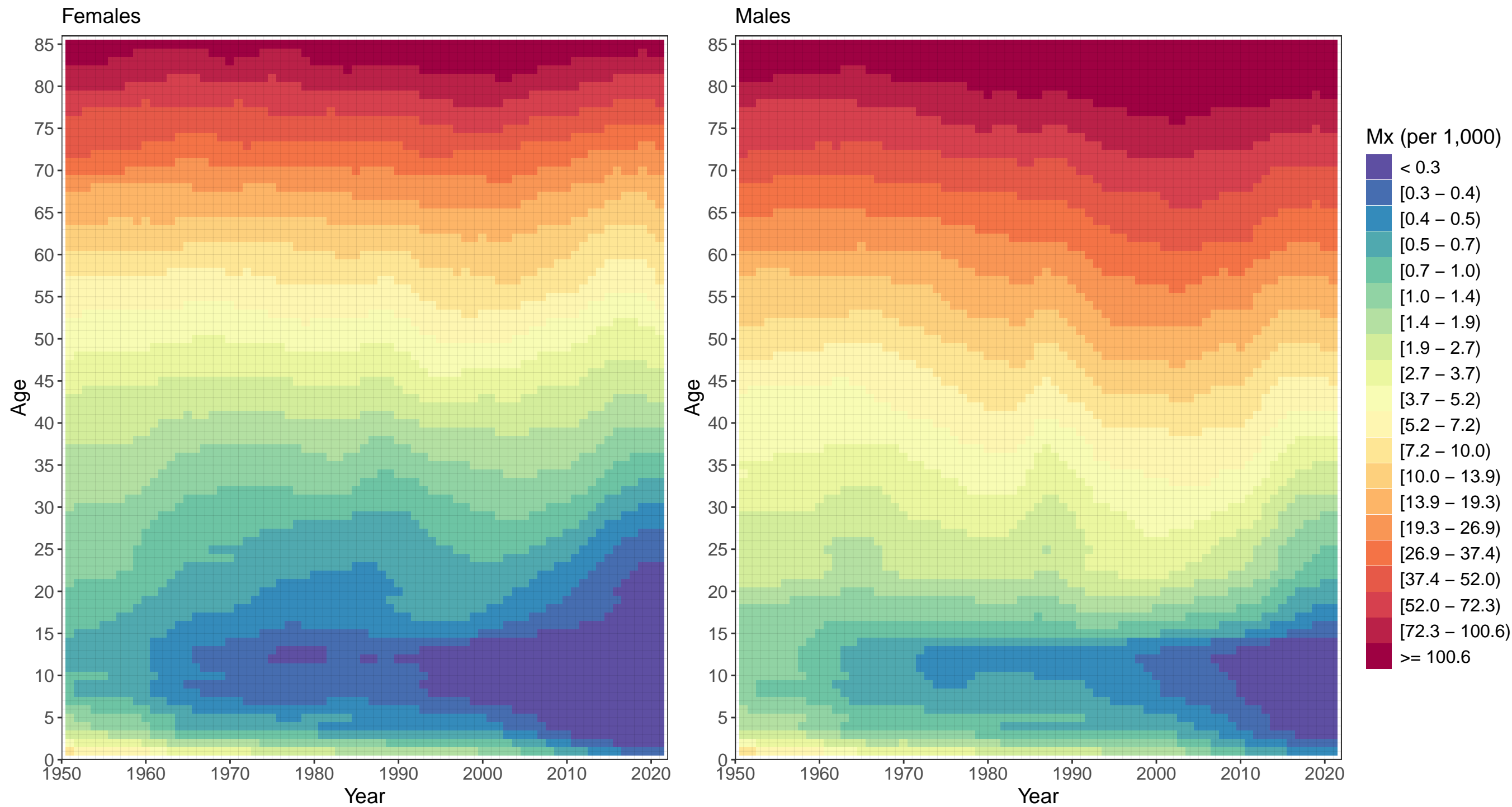
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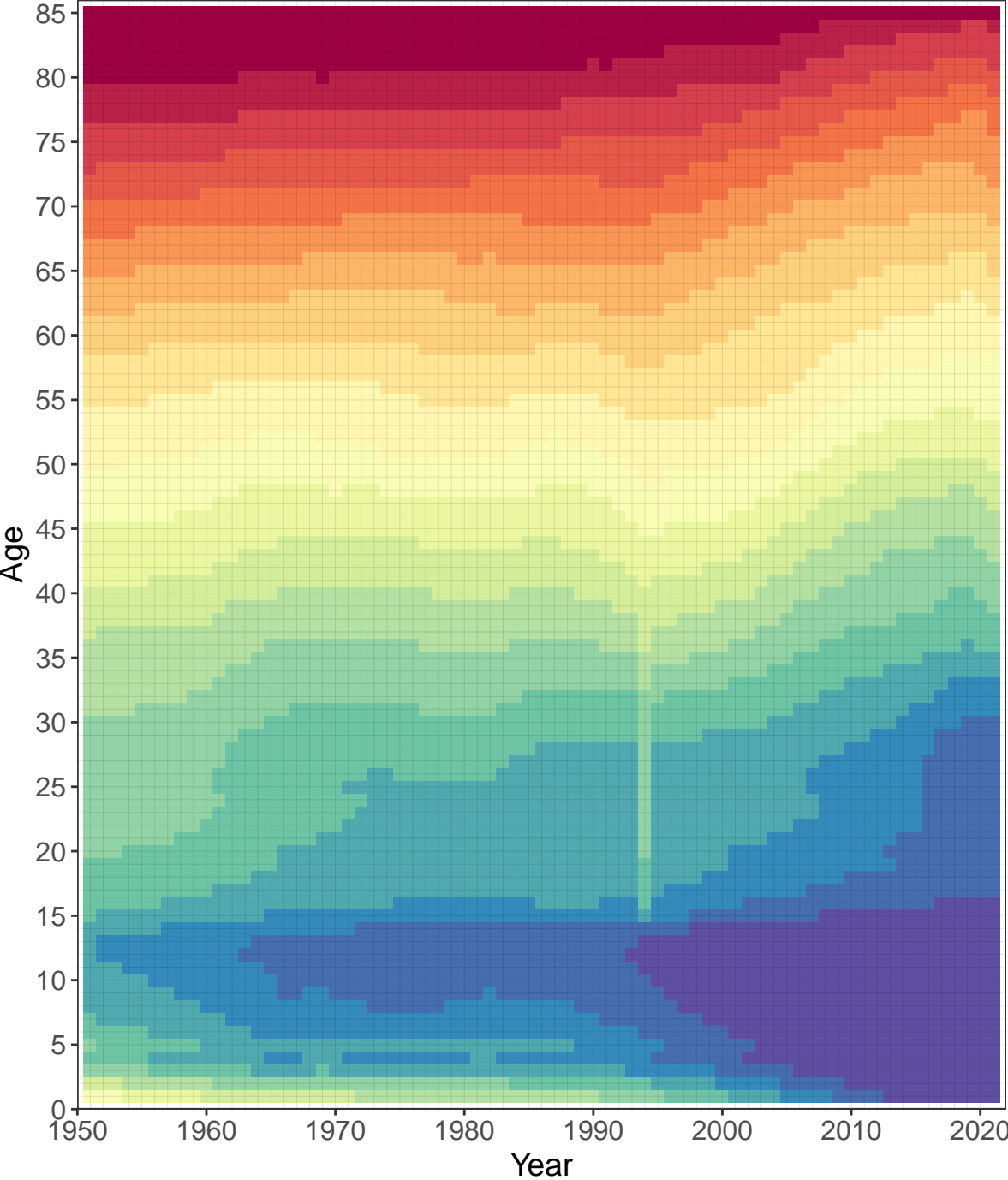


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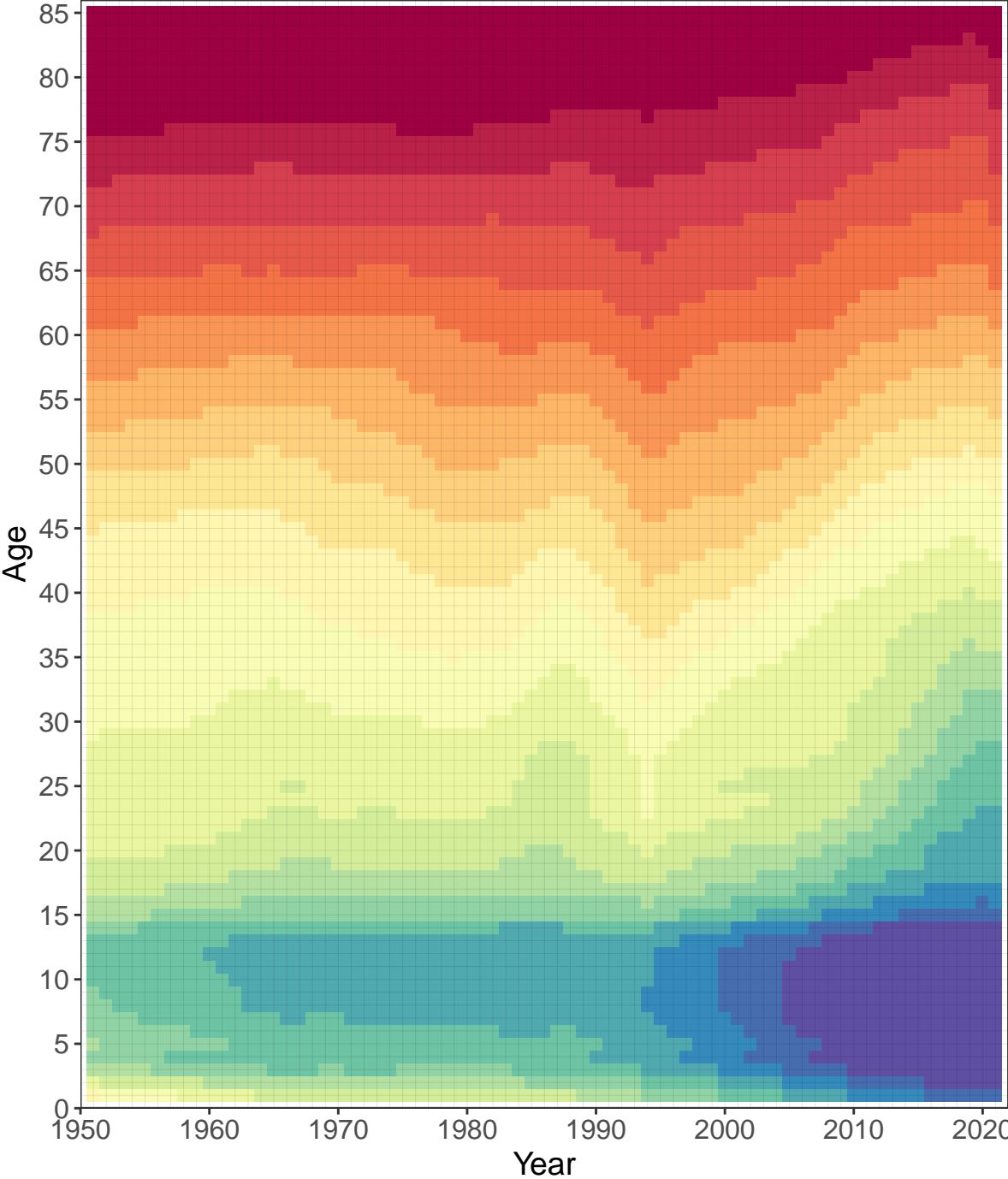


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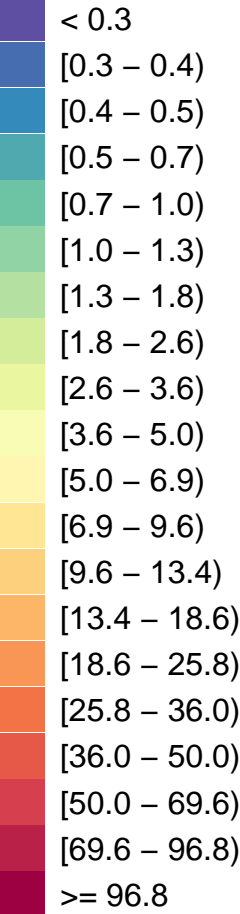
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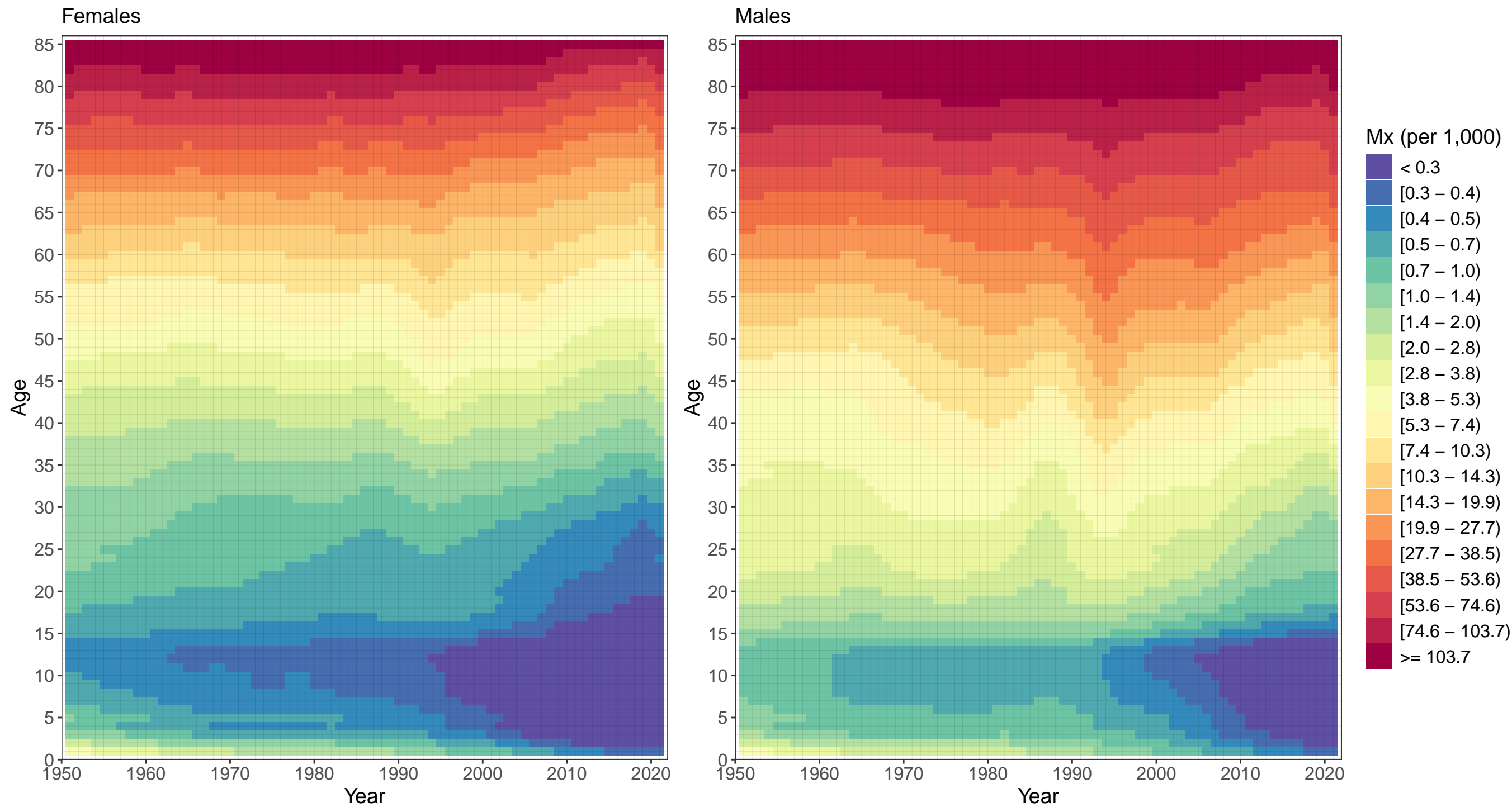
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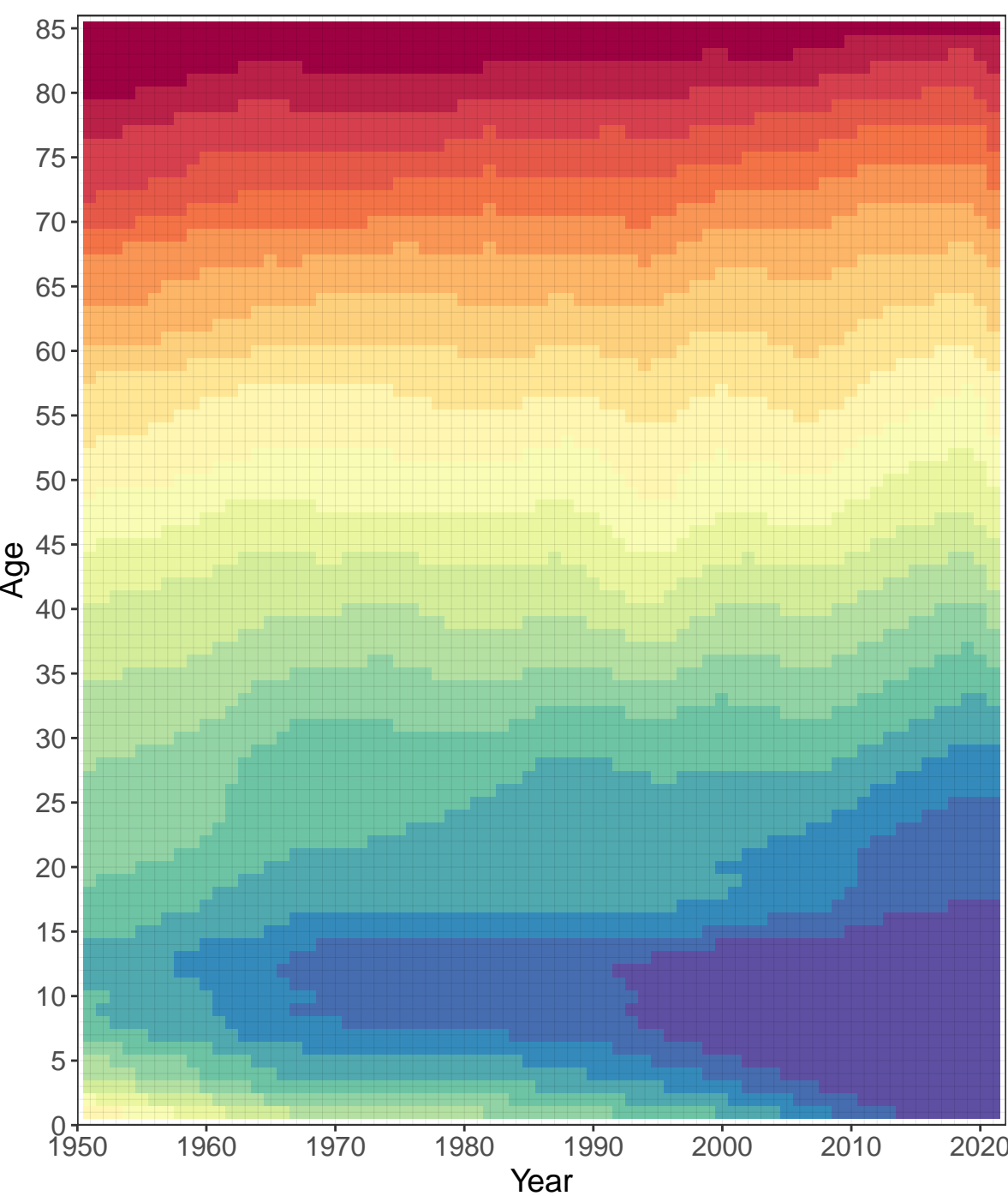


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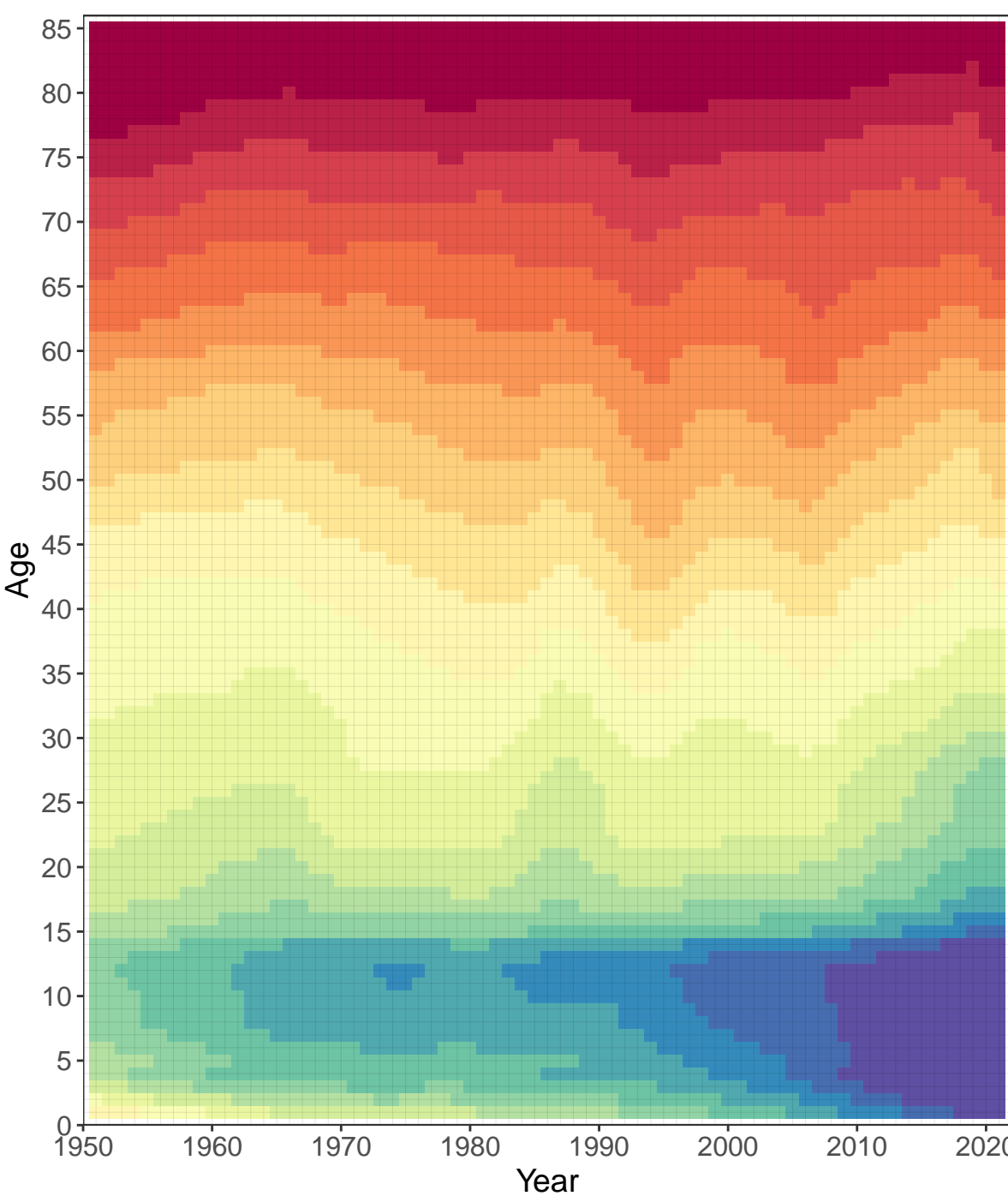


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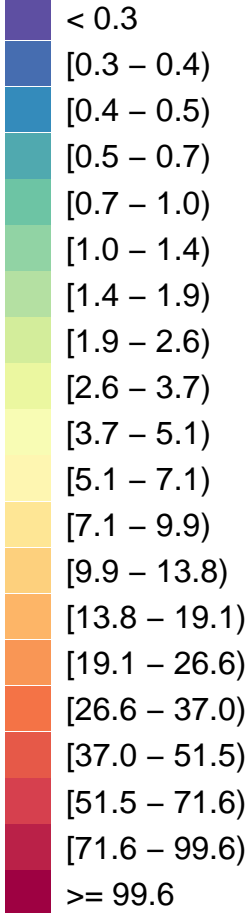
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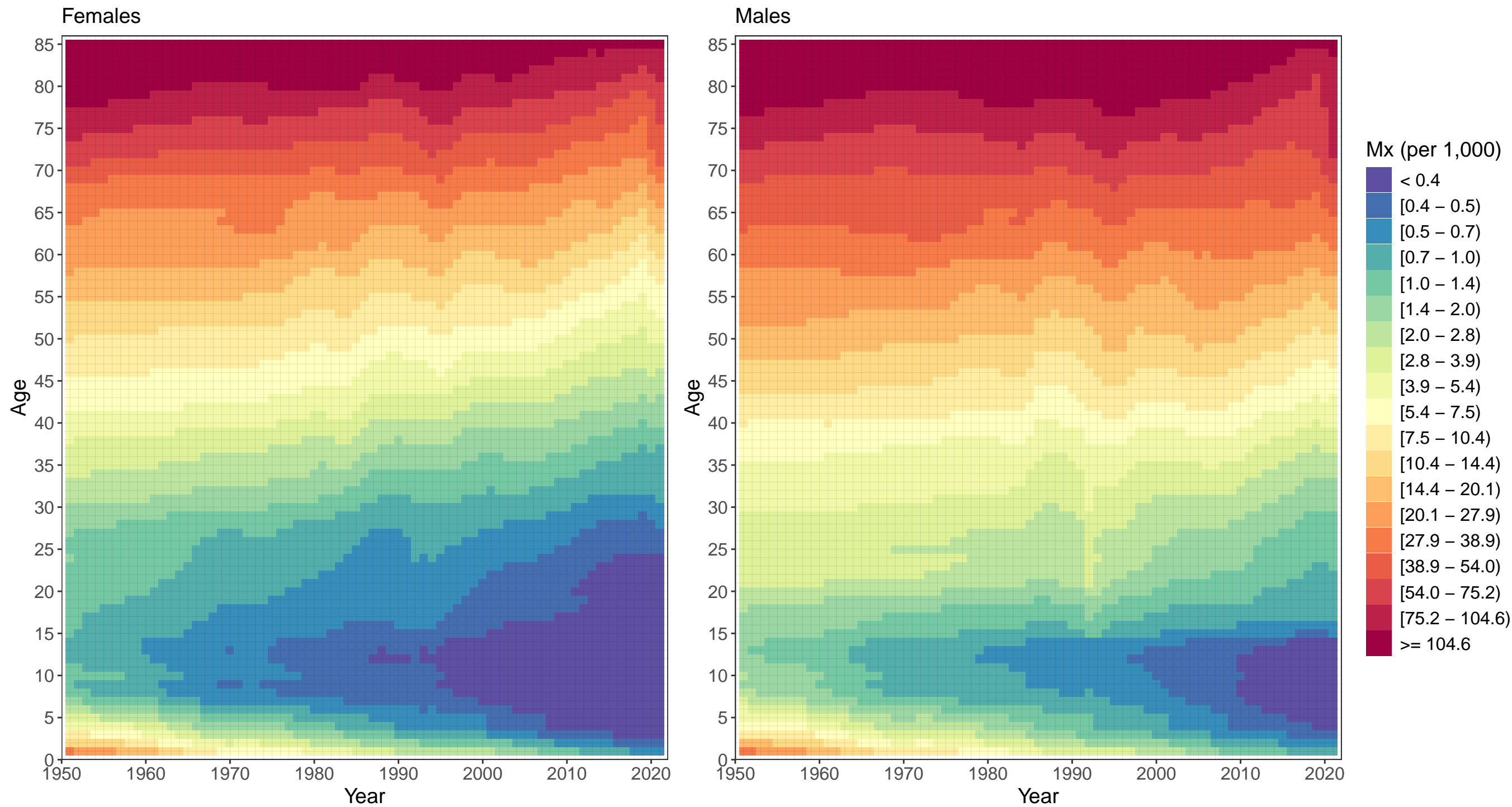
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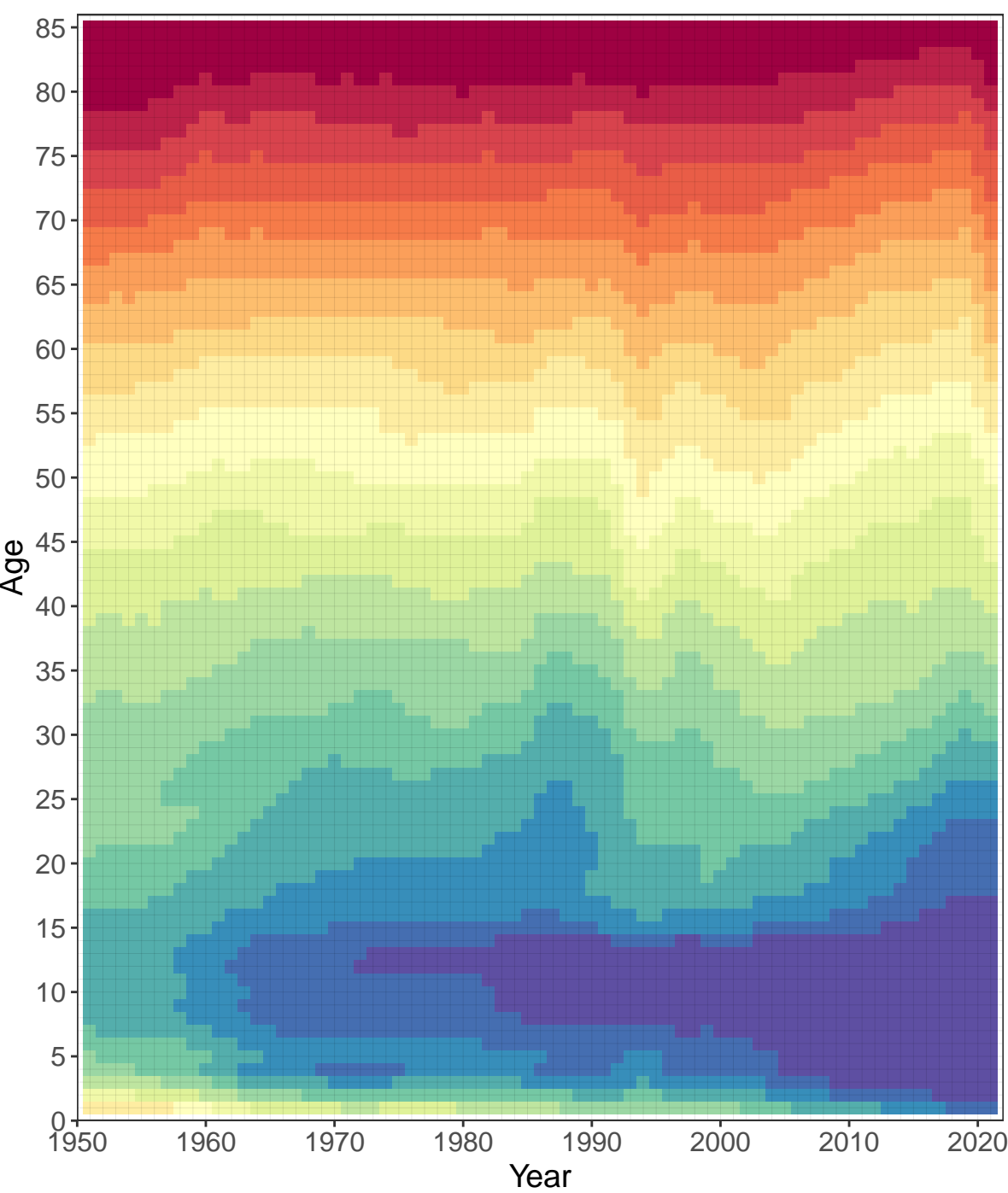


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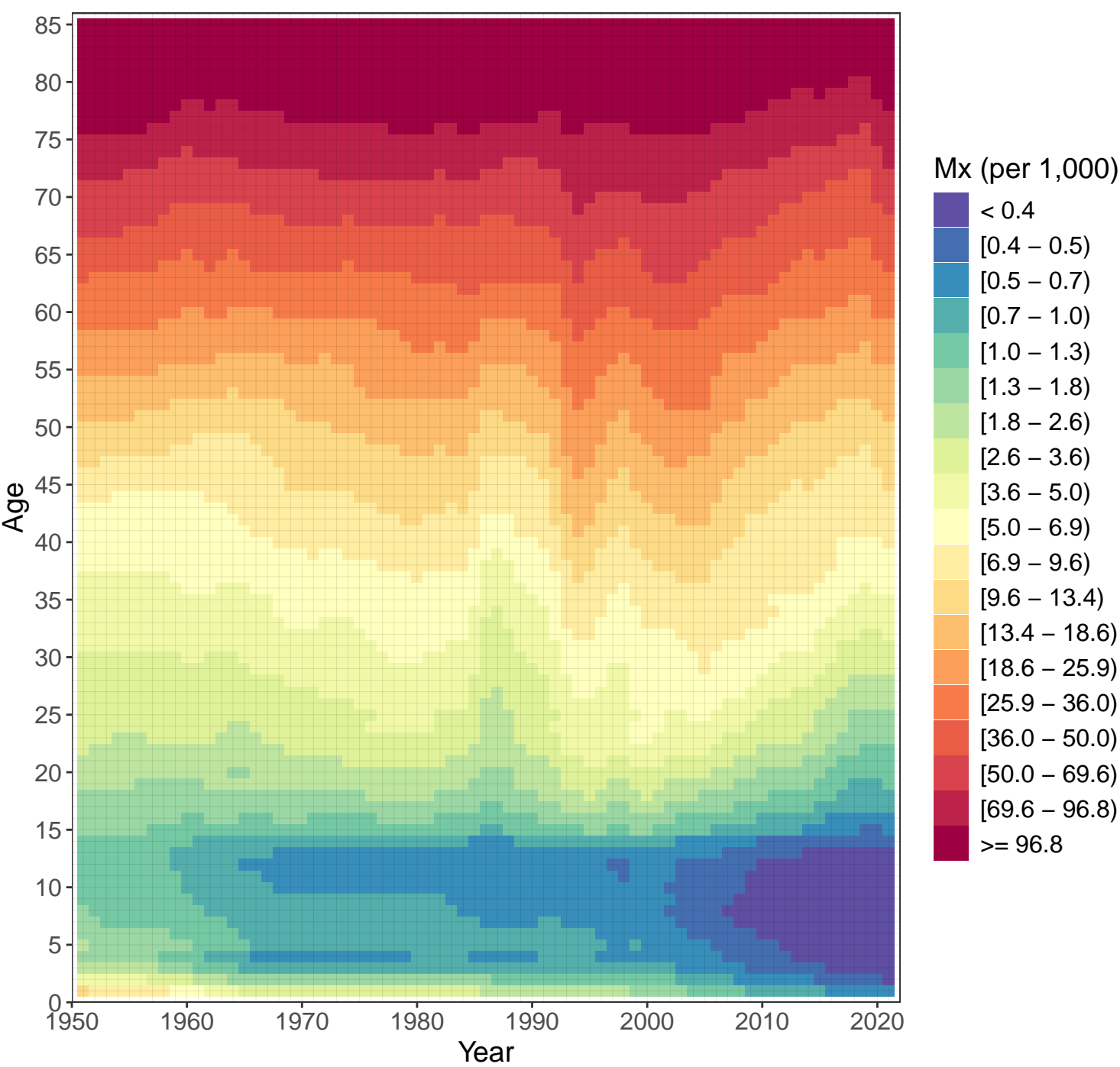


Appendix 2 Figure S4: Russia mortality rates, 1950–2023

Females

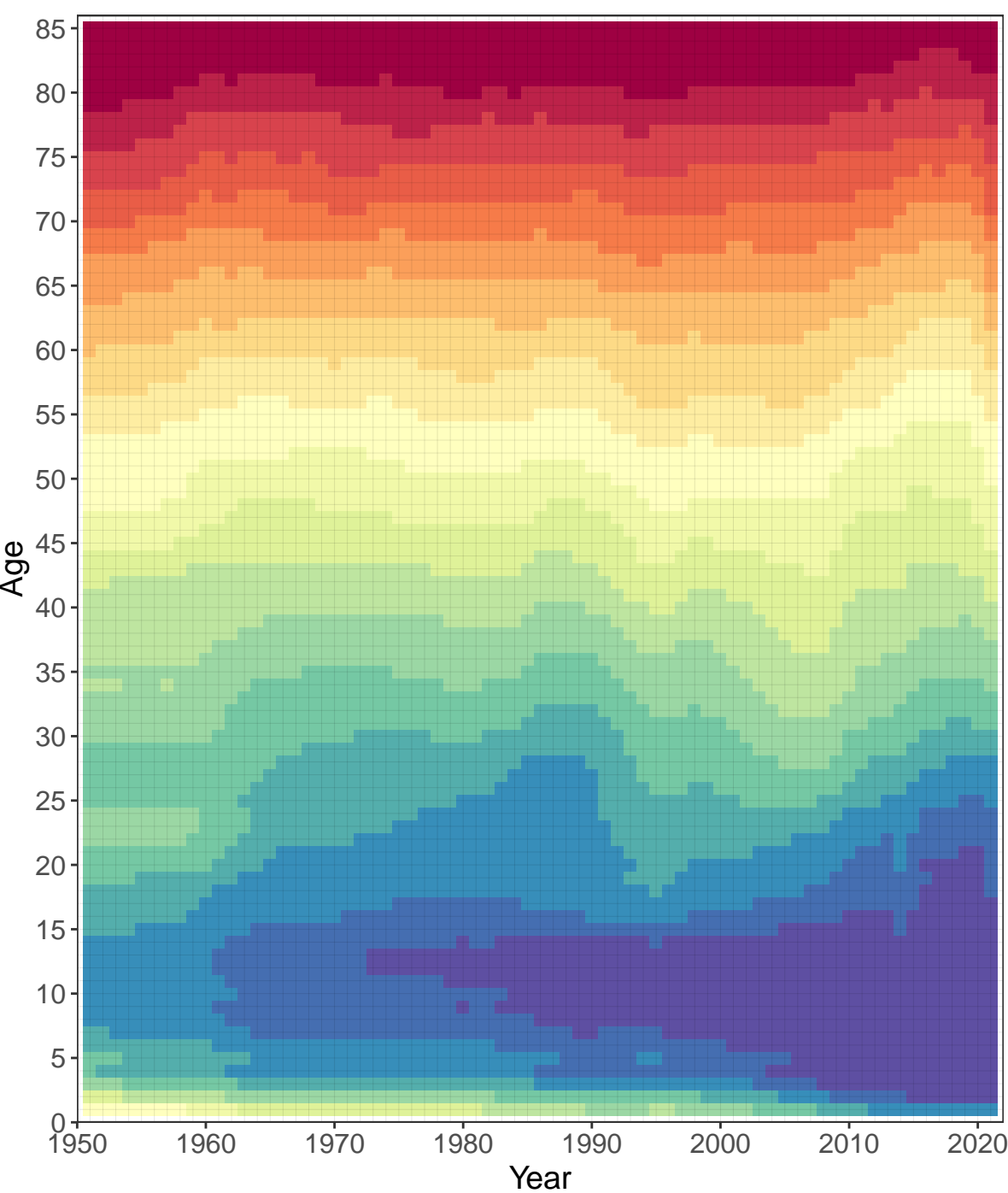


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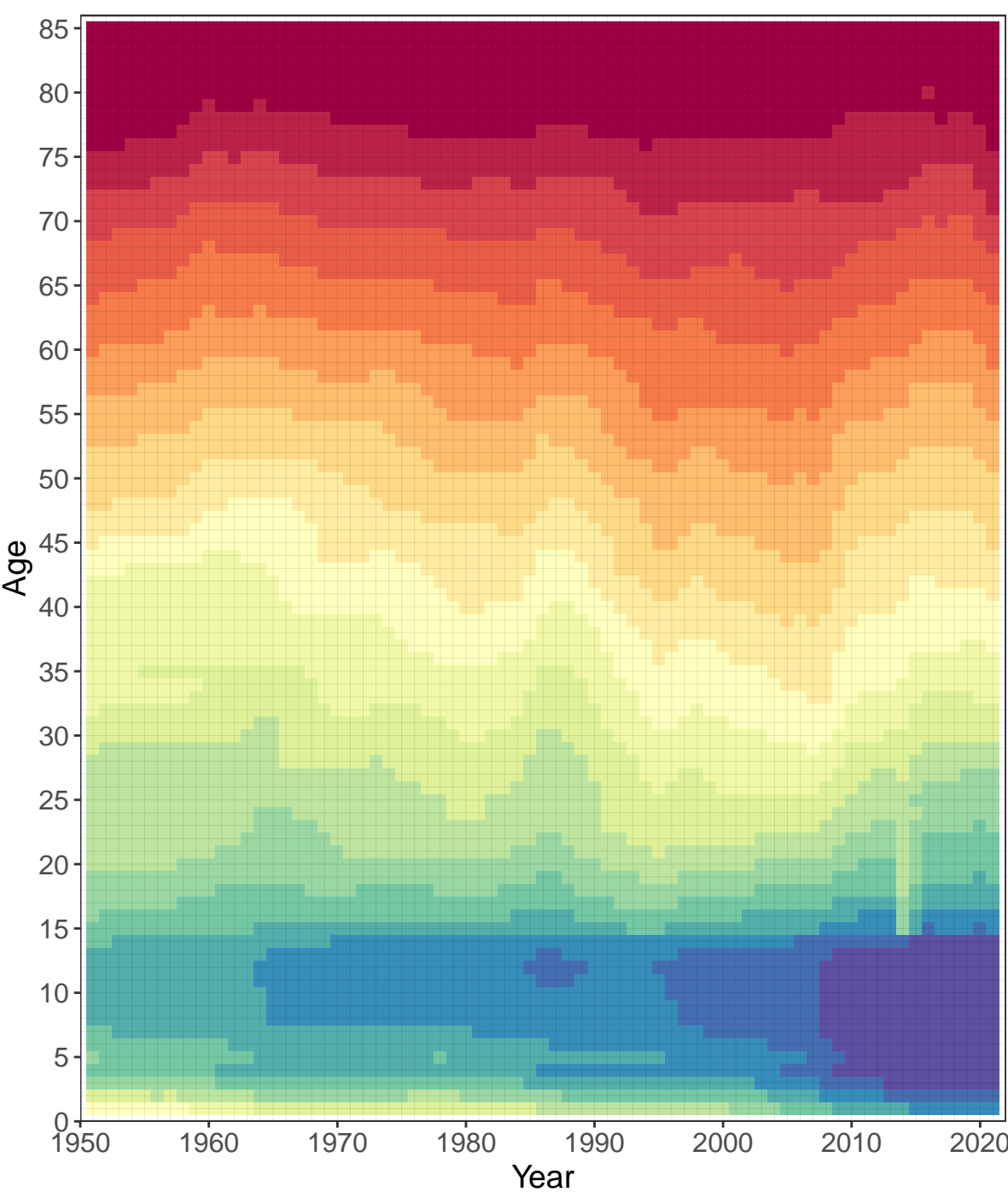


Appendix 2 Figure S4: Ukraine mortality rates, 1950–2023

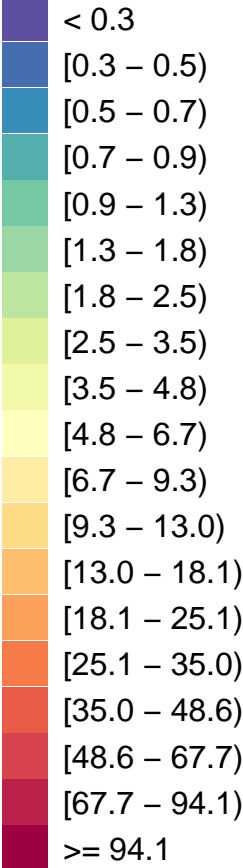
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Males

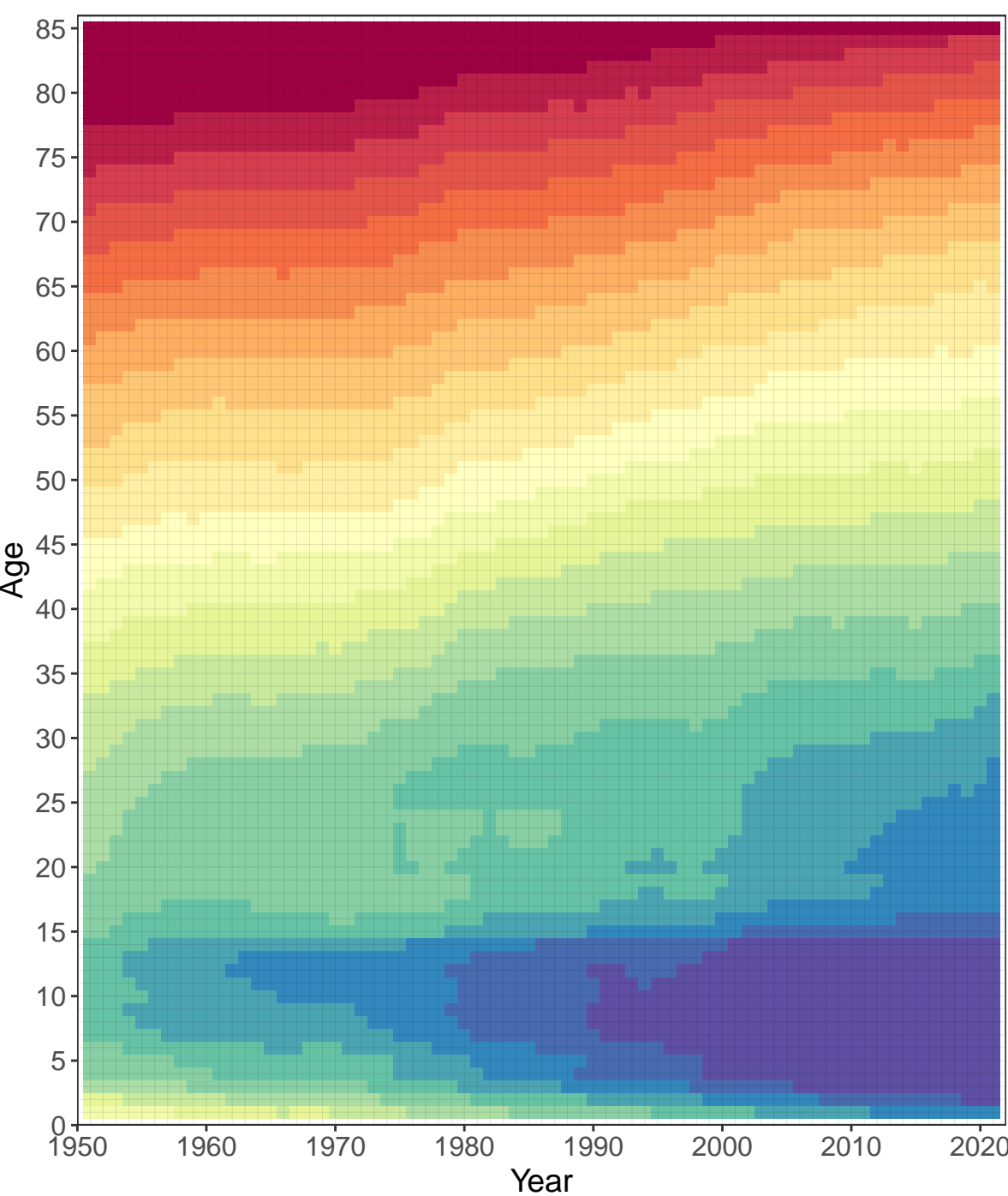


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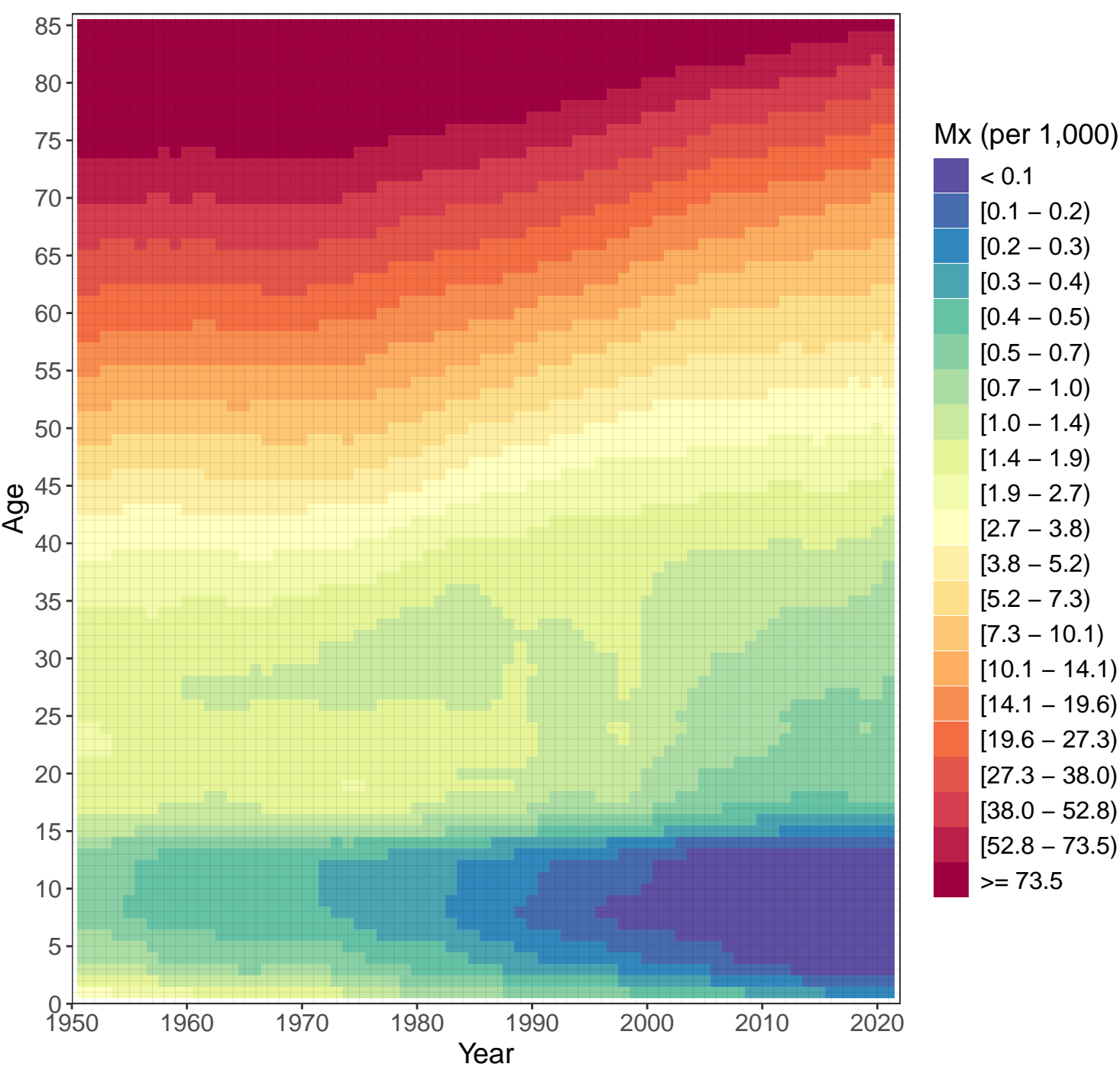


Appendix 2 Figure S4: Australia mortality rates, 1950–2023

Females

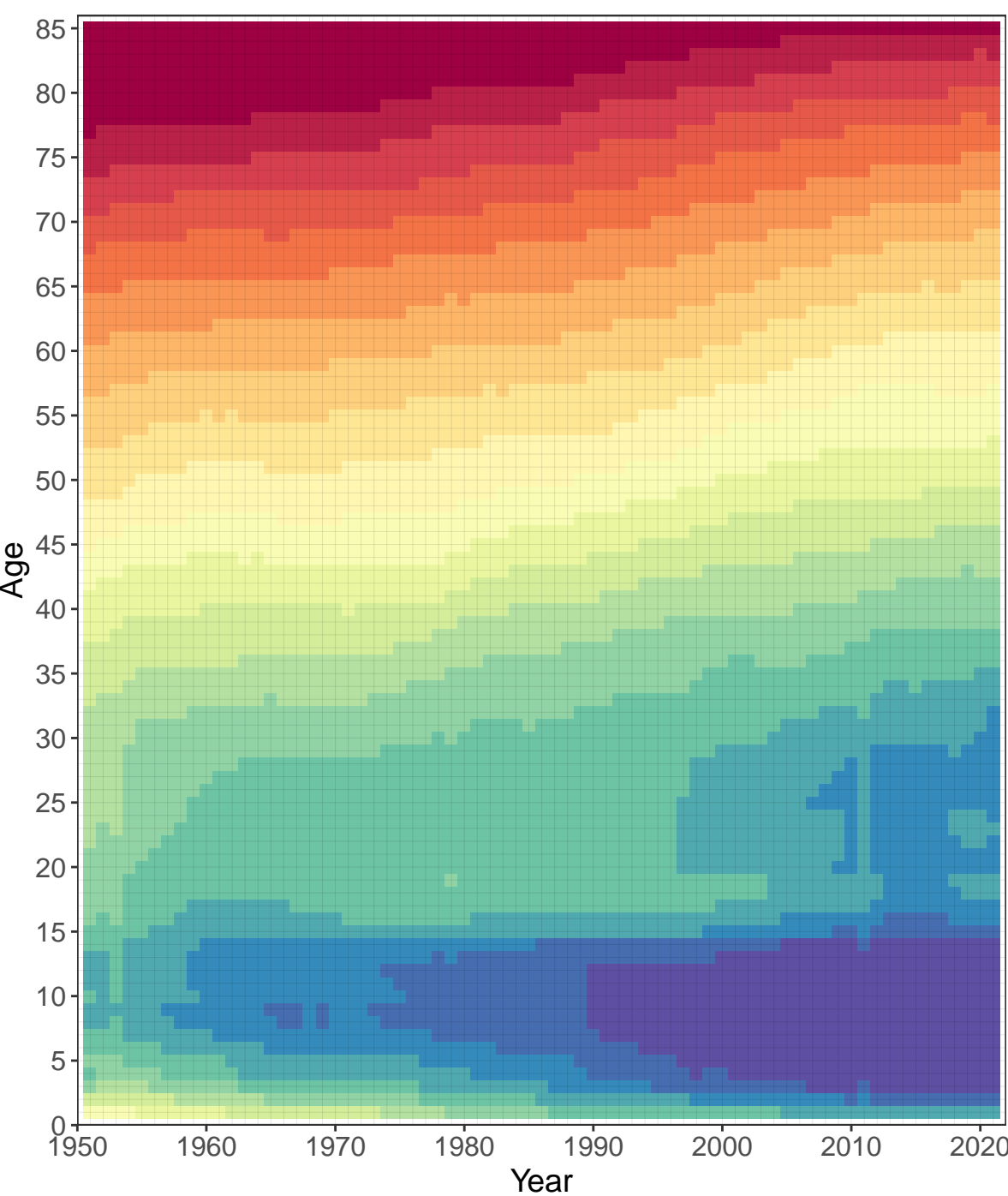


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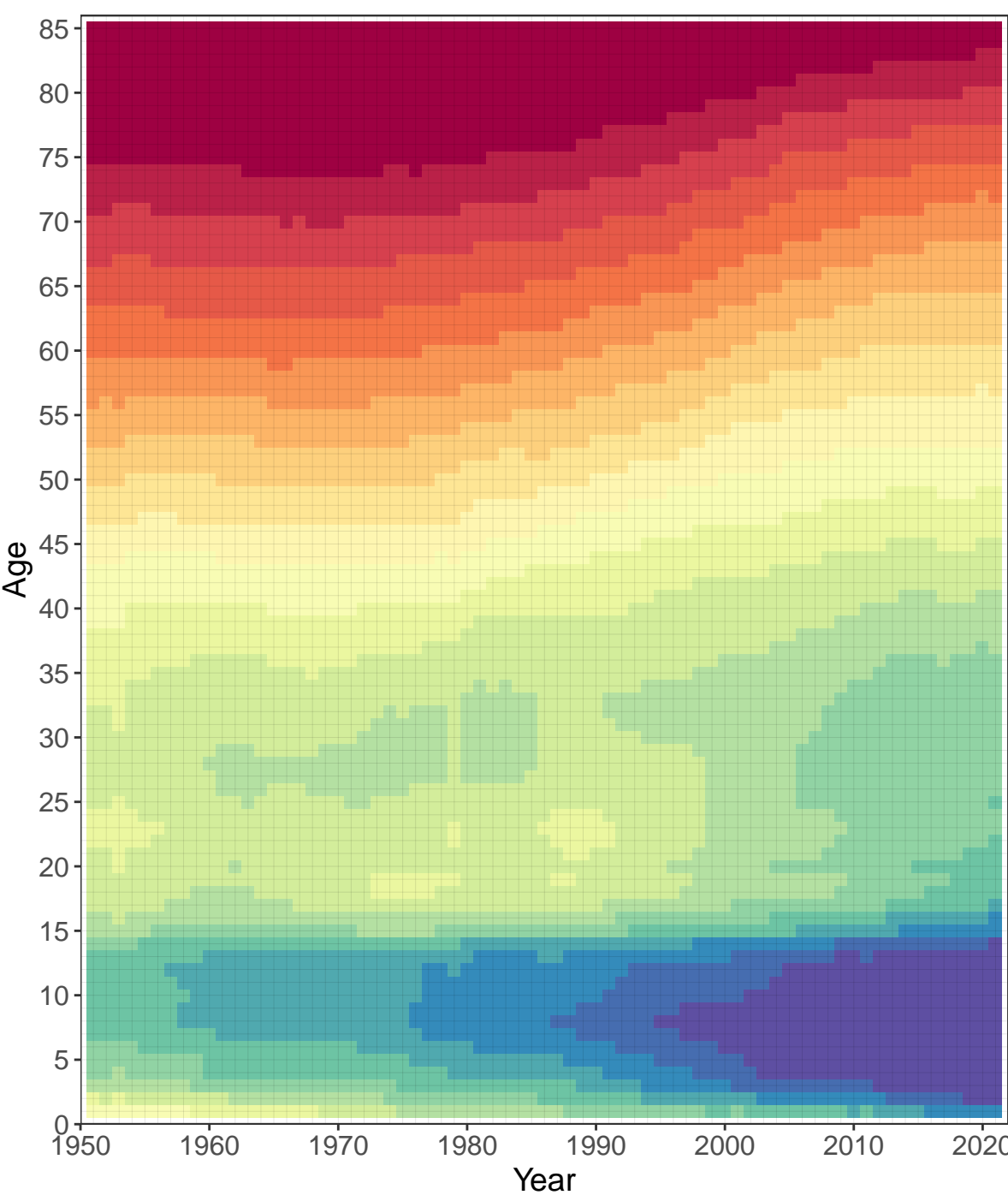


Appendix 2 Figure S4: New Zealand mortality rates, 1950–2023

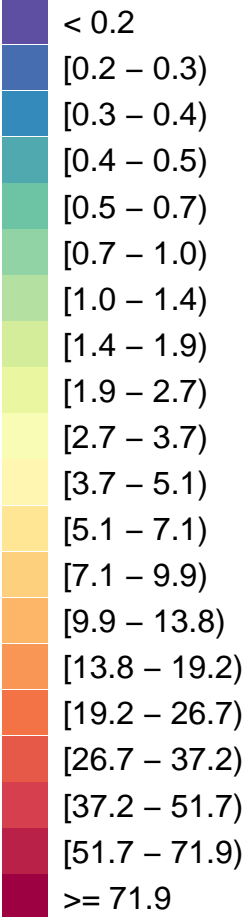
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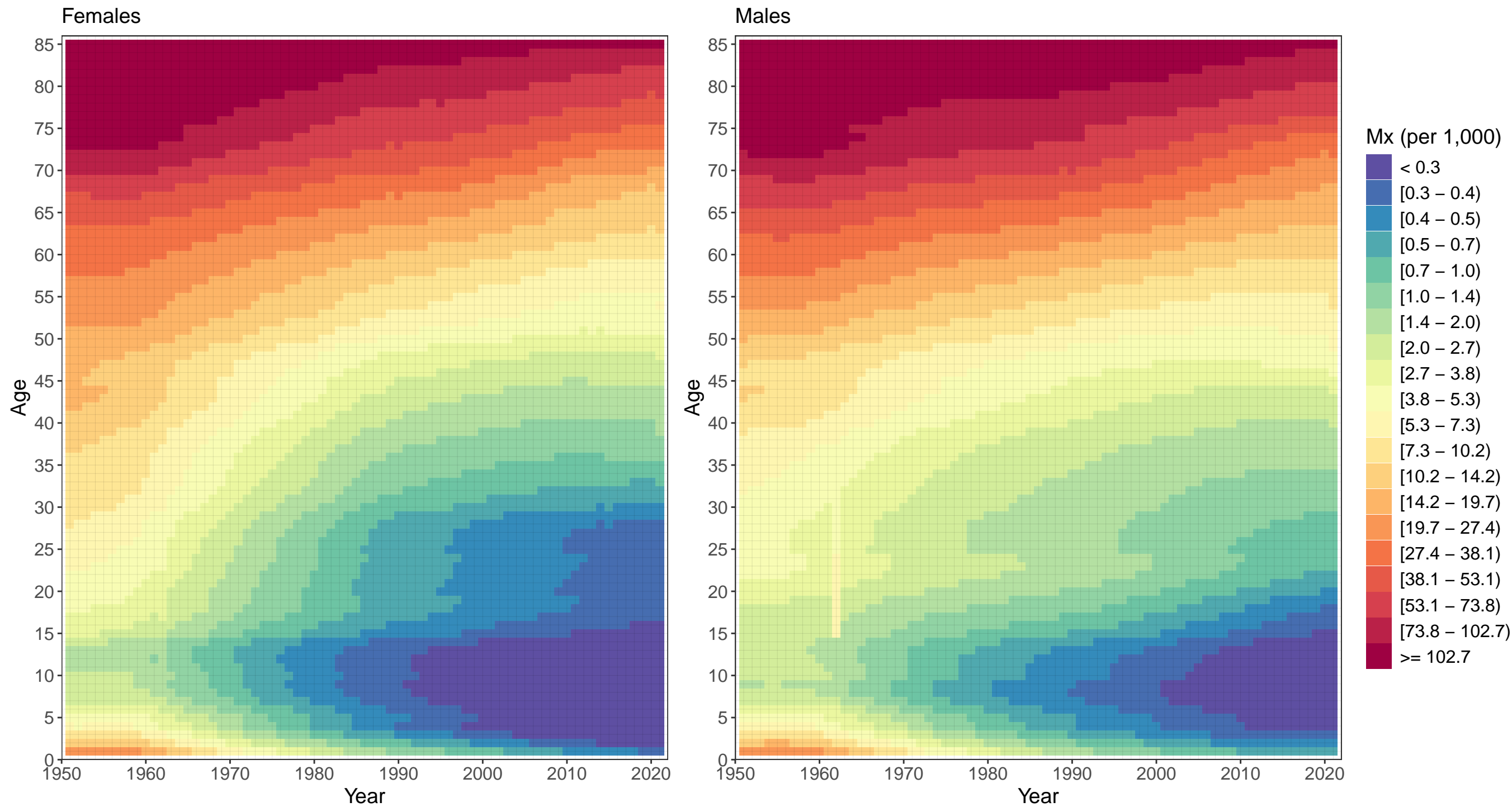
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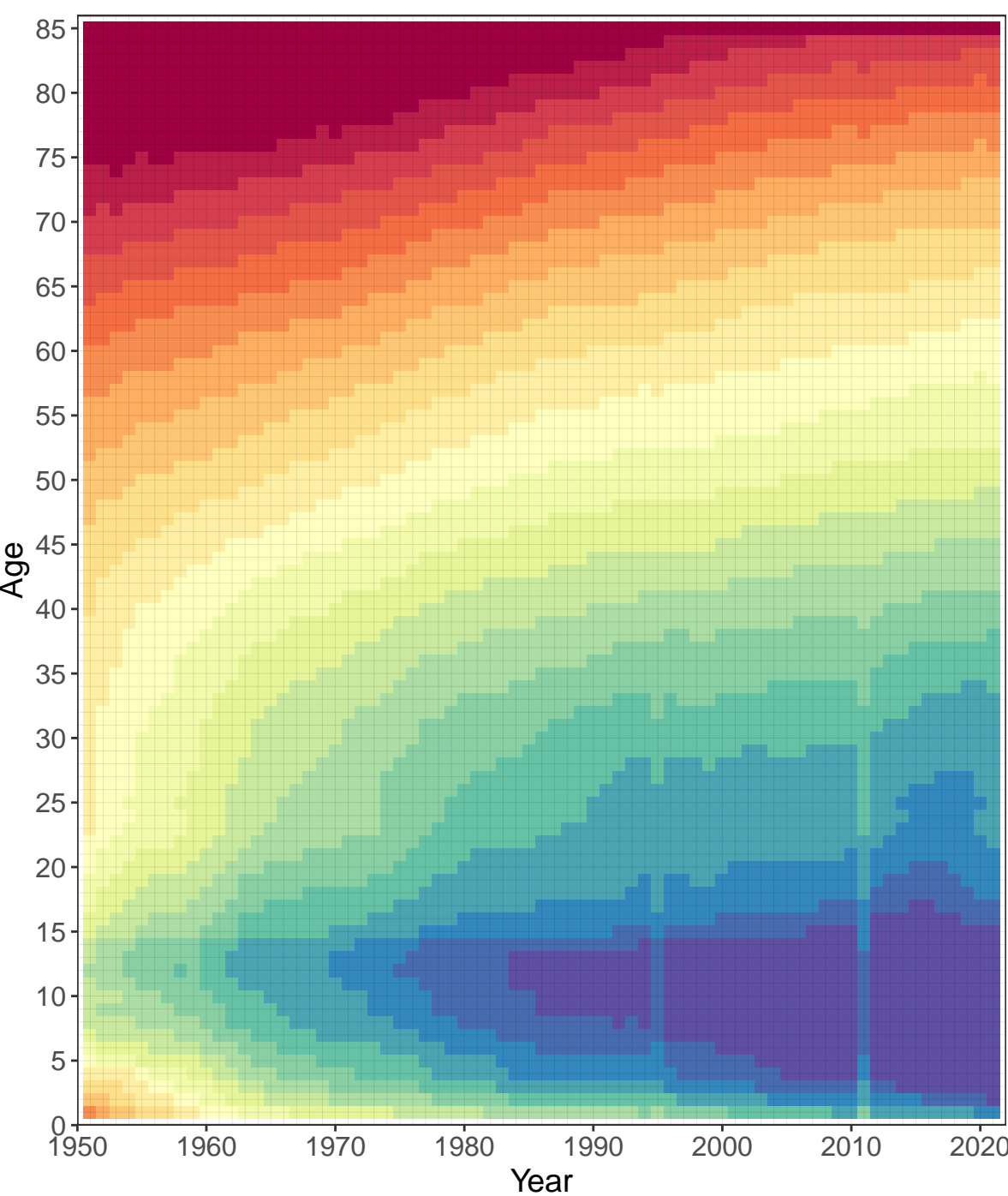


Appendix 2 Figure S4: Brunei mortality rates, 1950–2023

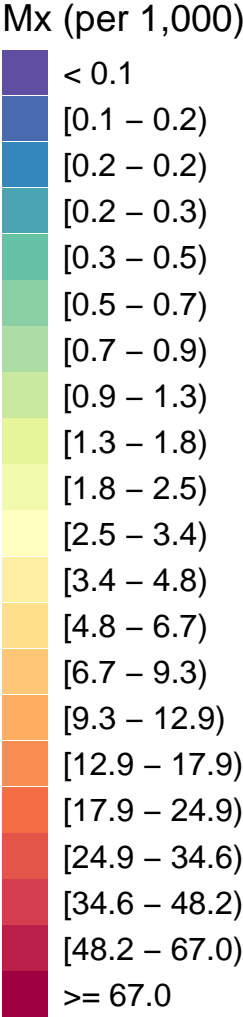
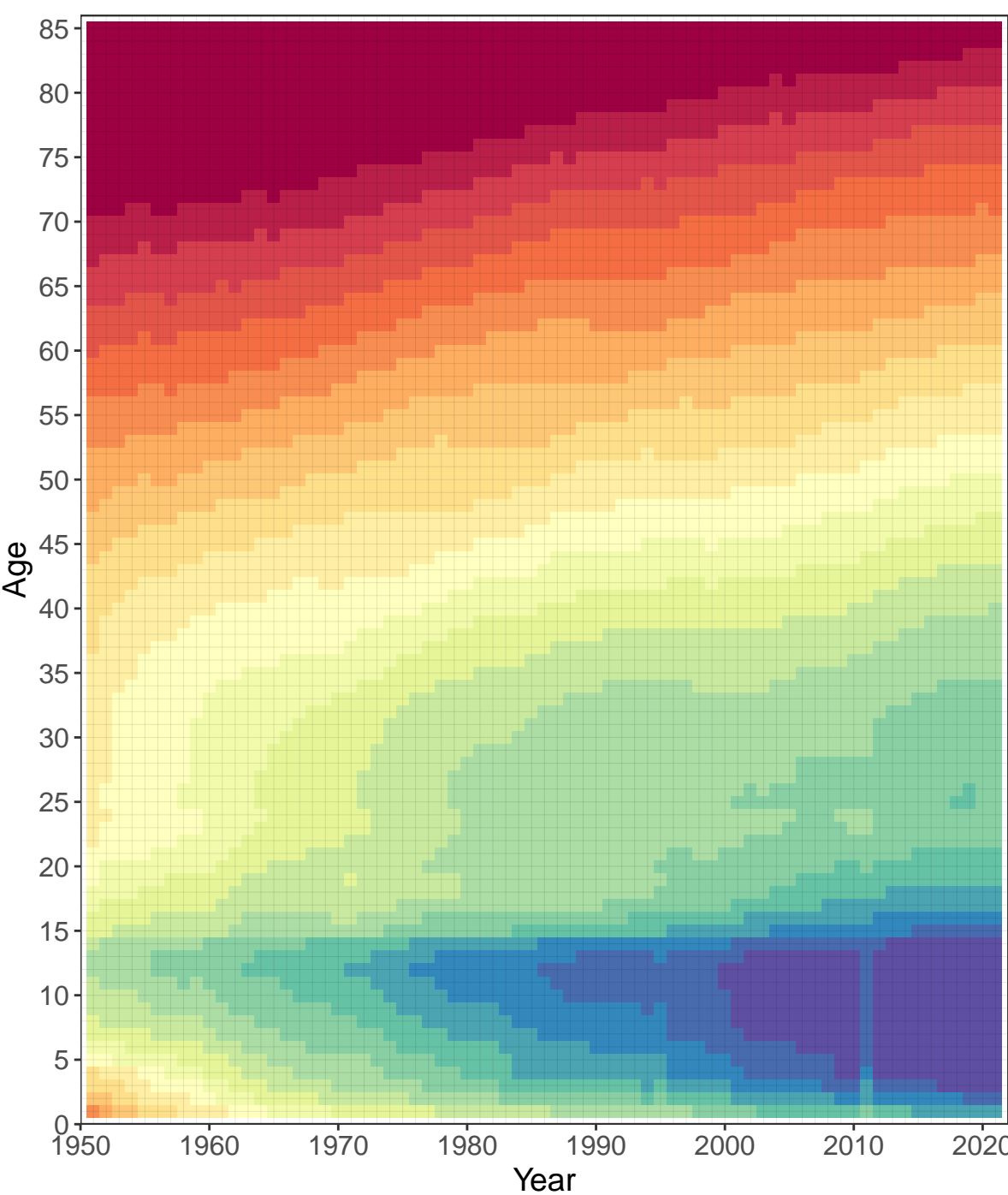


Appendix 2 Figure S4: Japan mortality rates, 1950–2023

Females

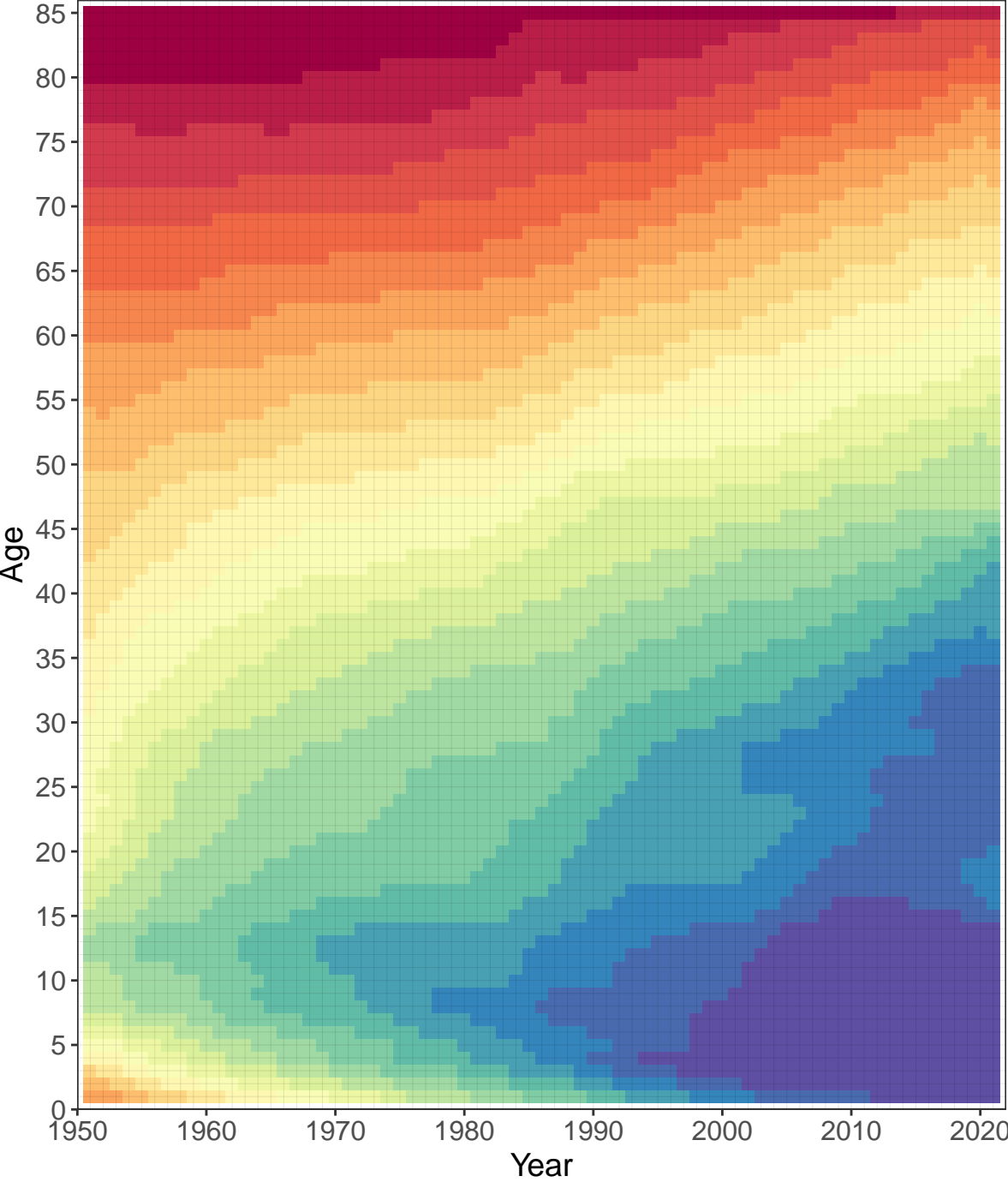


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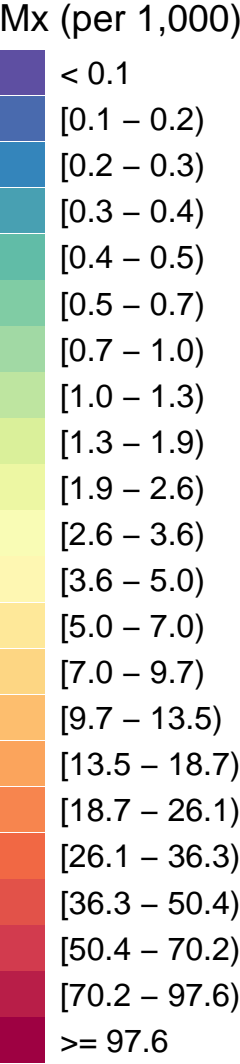
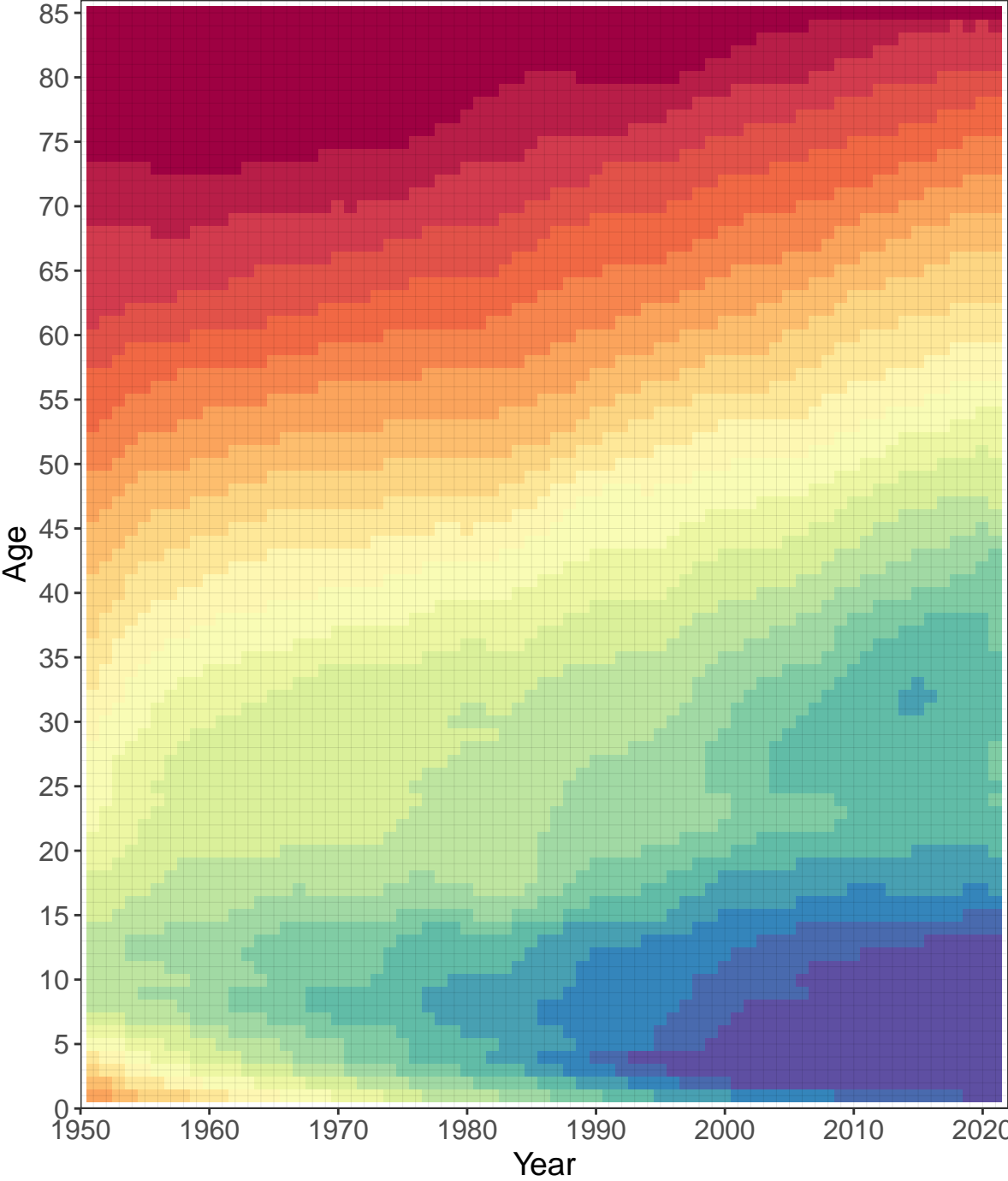


Appendix 2 Figure S4: Singapore mortality rates, 1950–2023

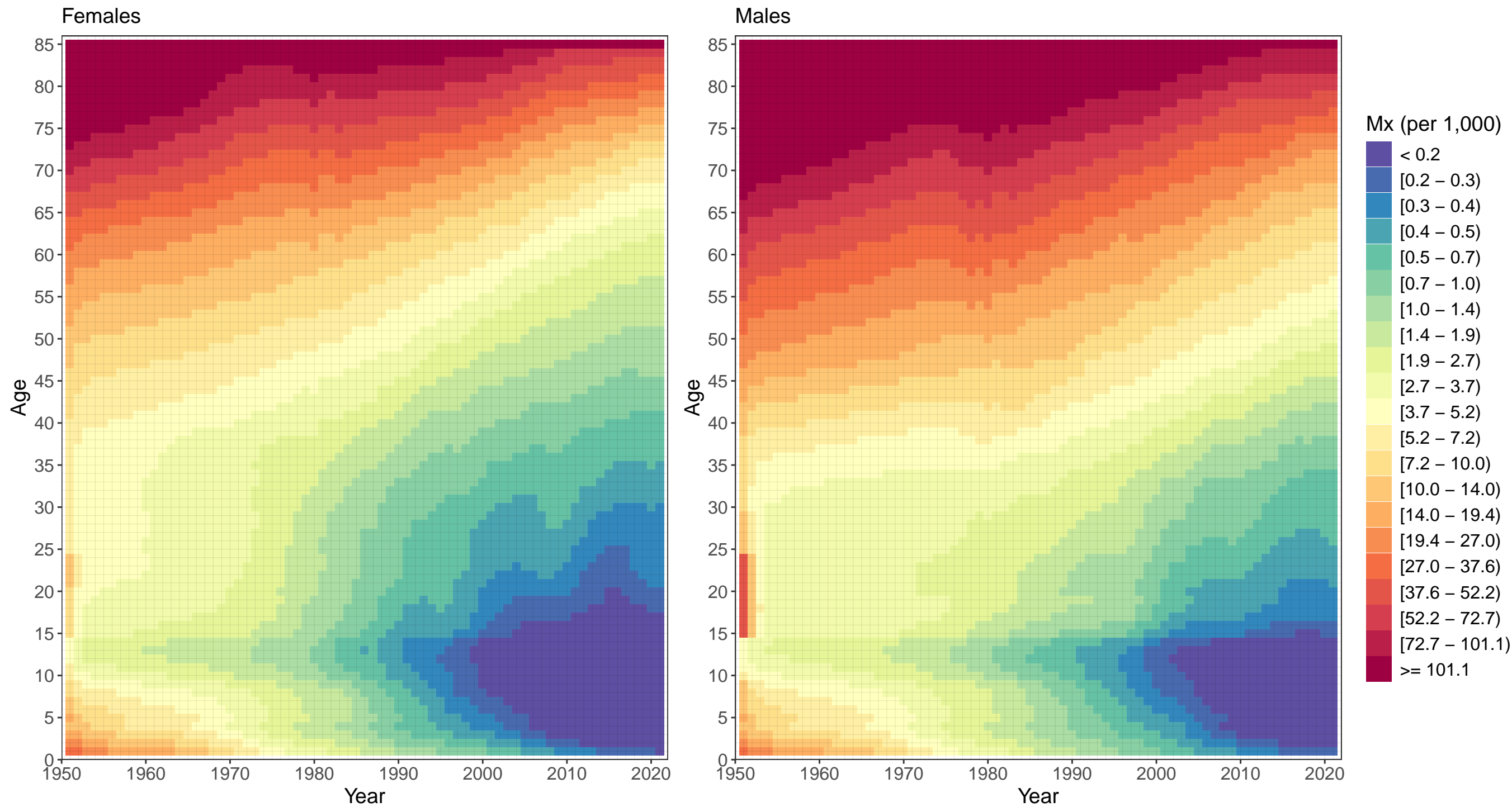
Females



Males

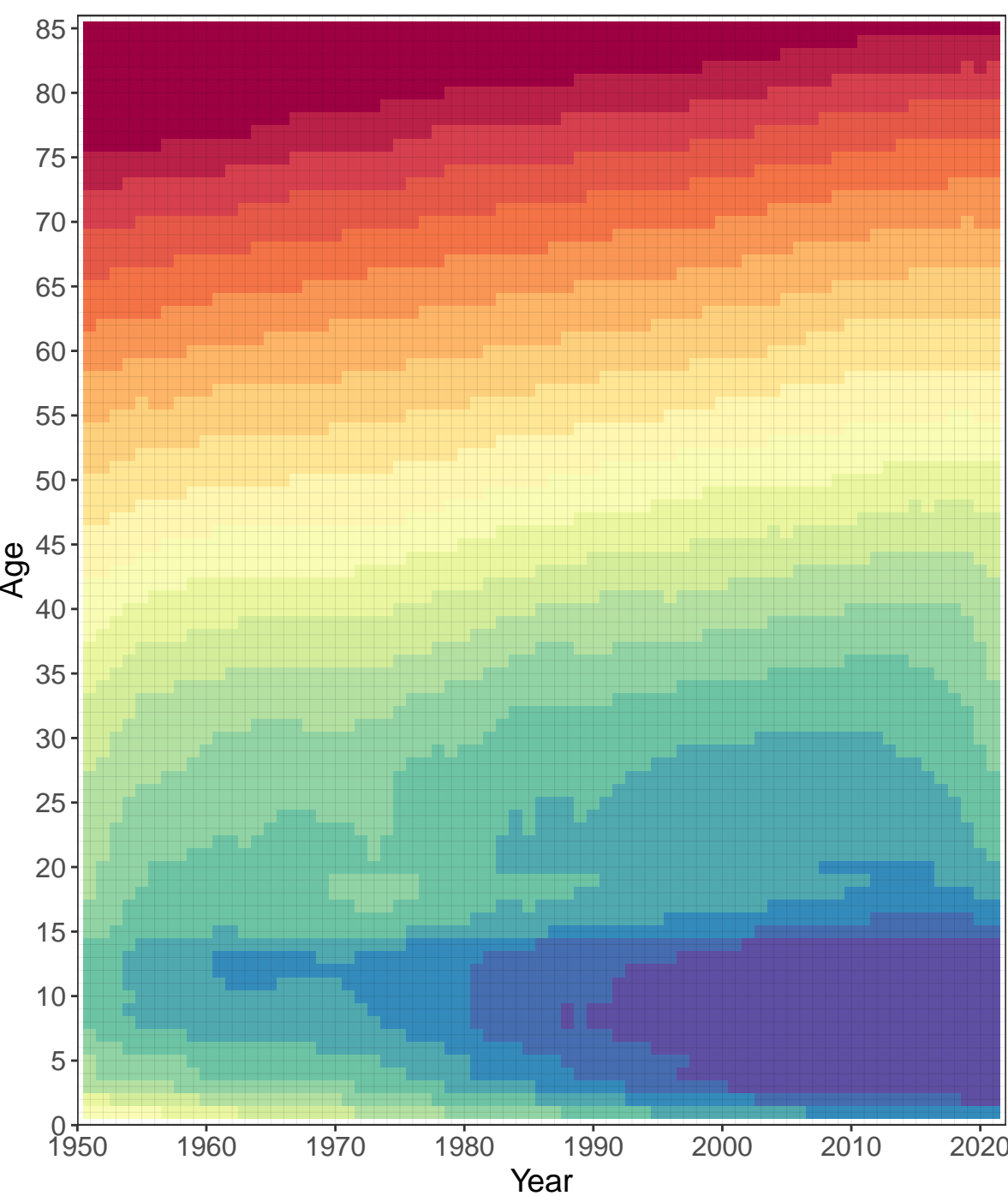


Appendix 2 Figure S4: South Korea mortality rates, 1950–2023

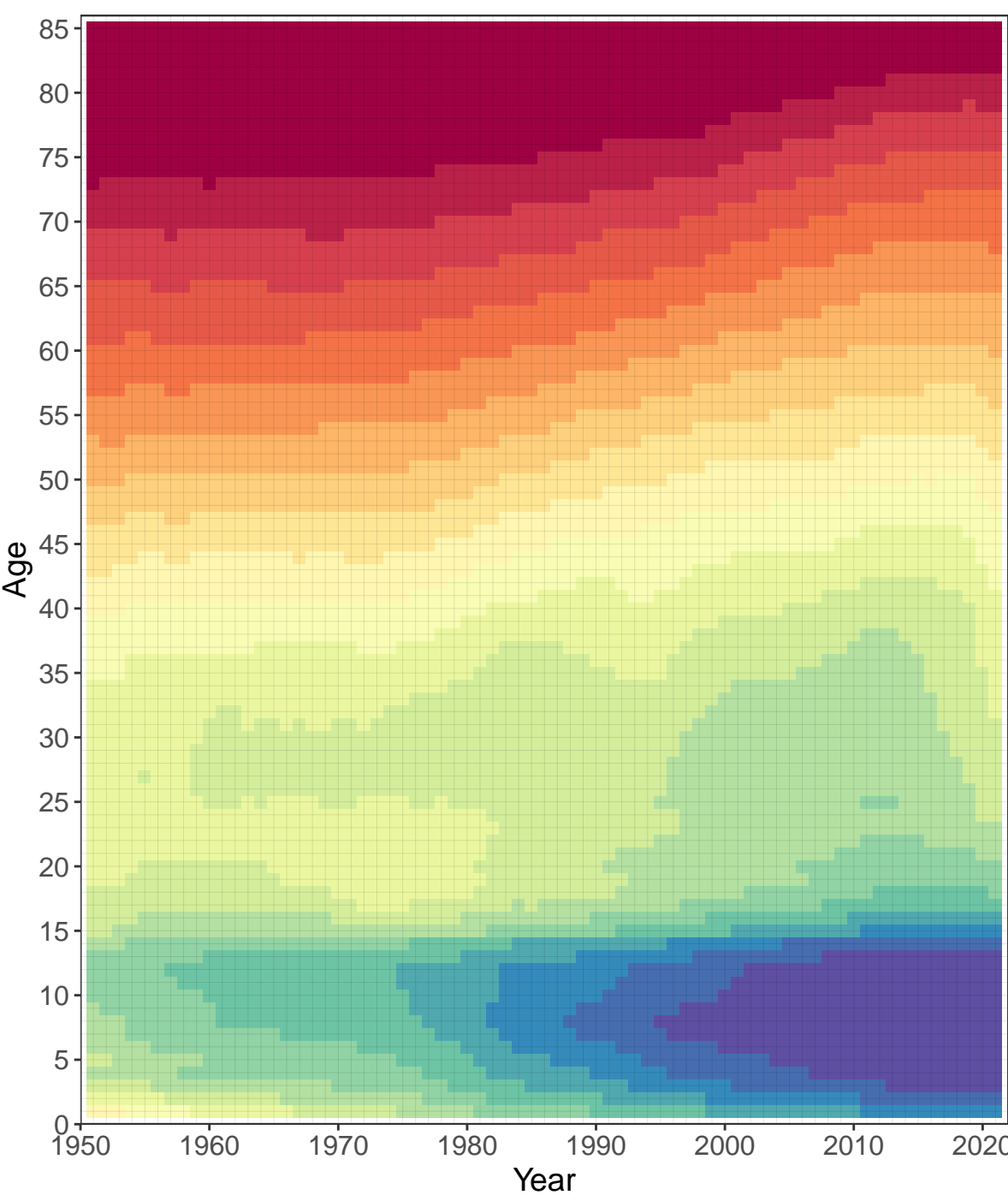


Appendix 2 Figure S4: Canada mortality rates, 1950–2023

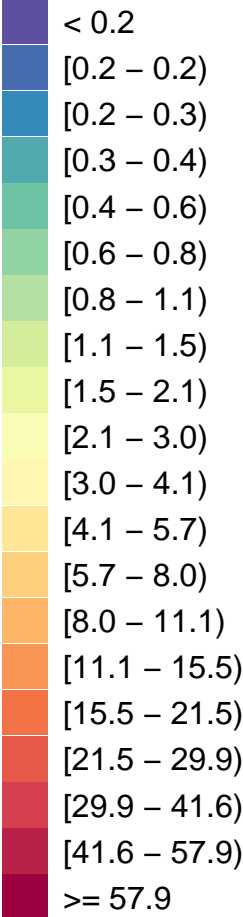
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Males

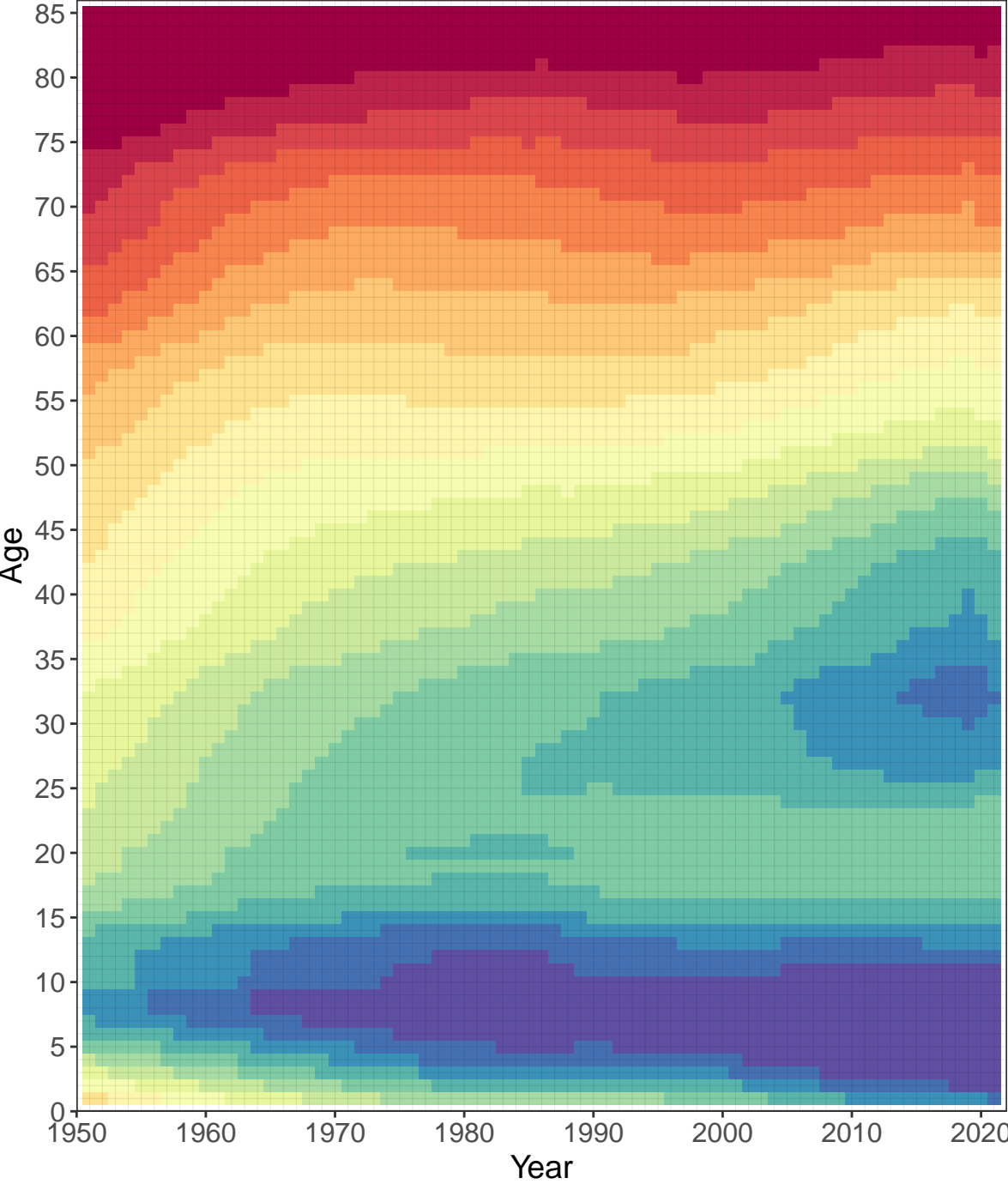


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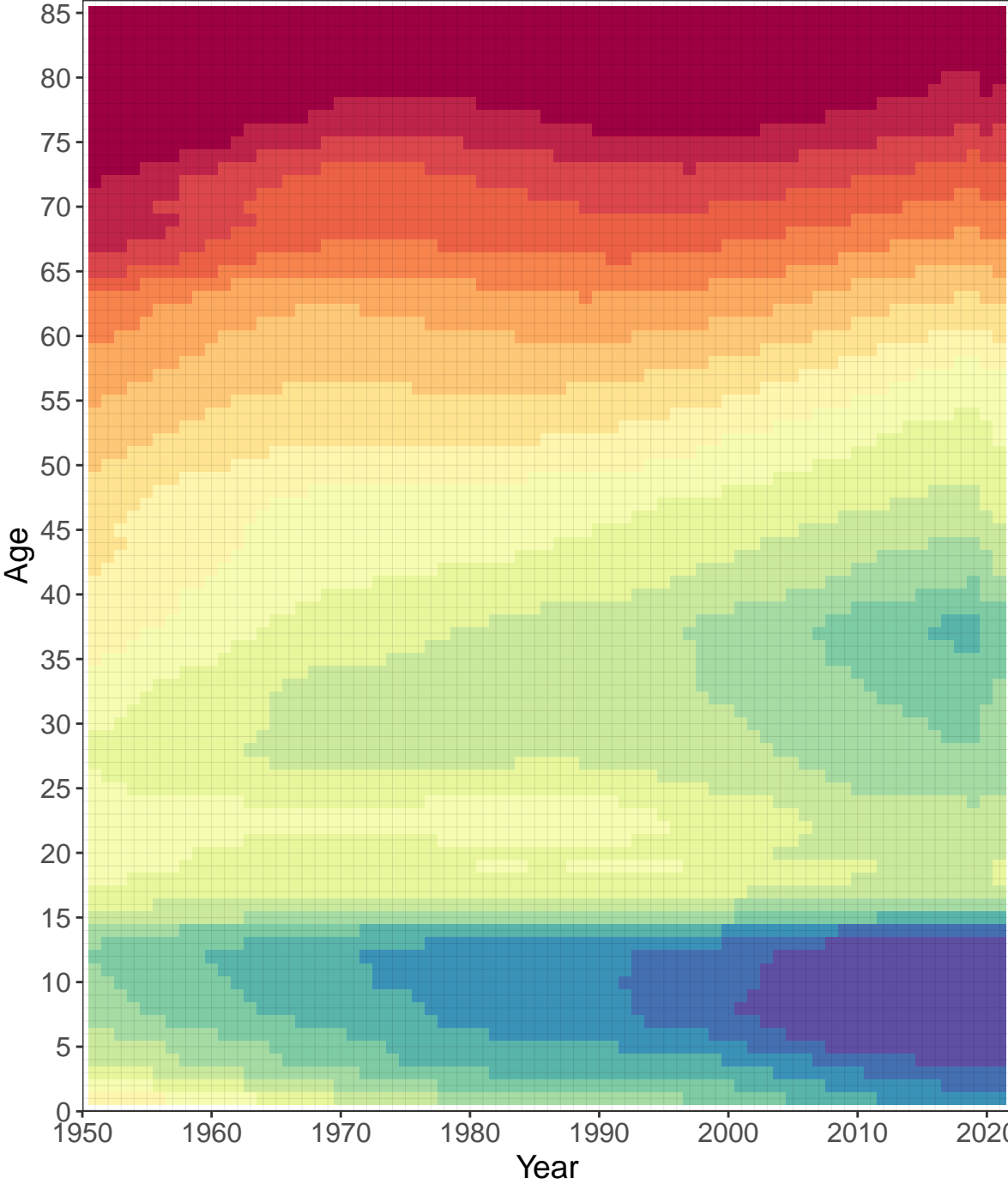


Appendix 2 Figure S4: Greenland mortality rates, 1950–2023

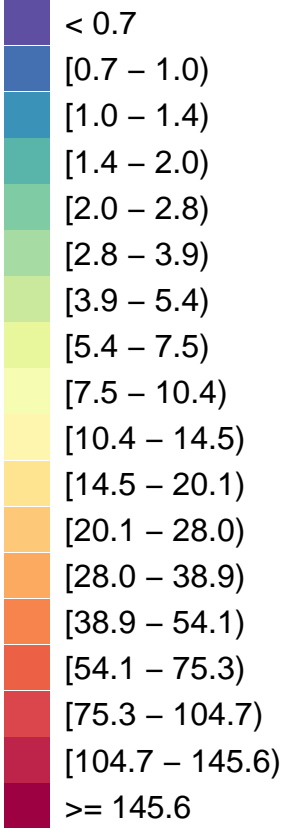
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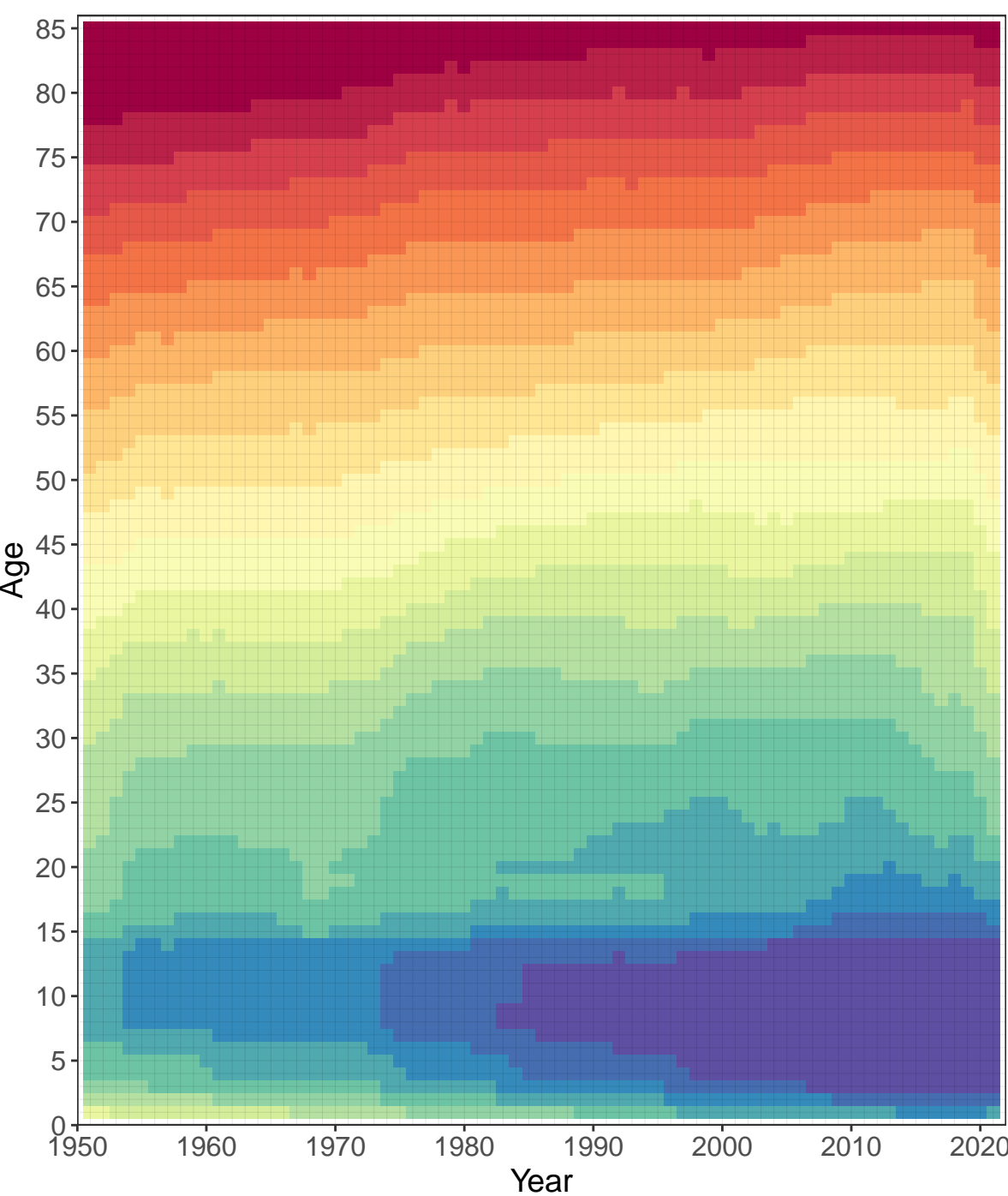


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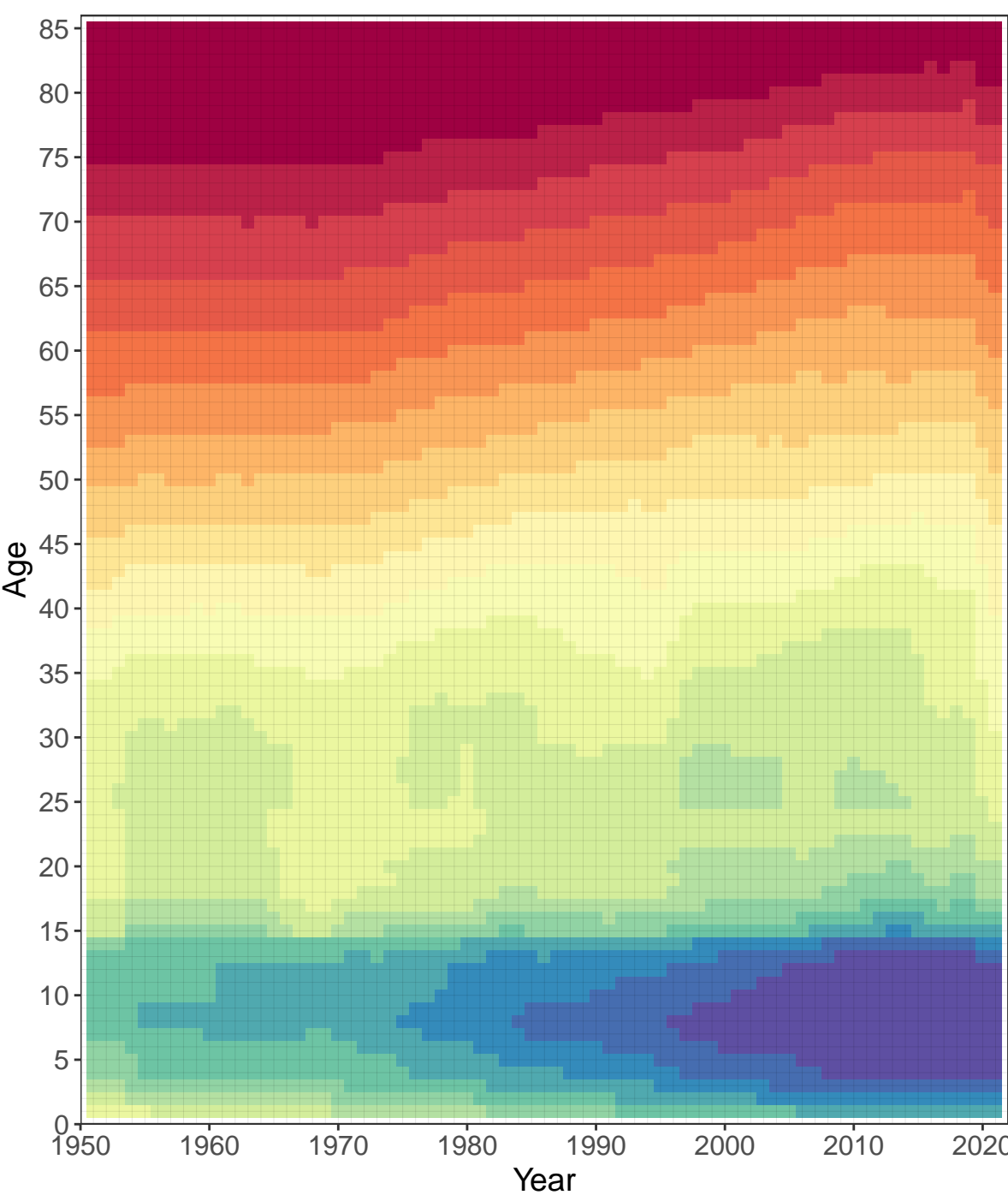


Appendix 2 Figure S4: USA mortality rates, 1950–2023

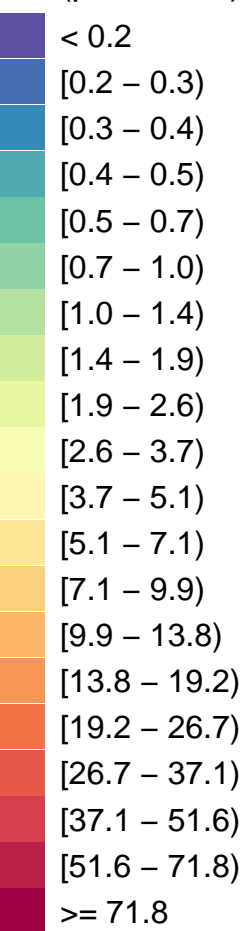
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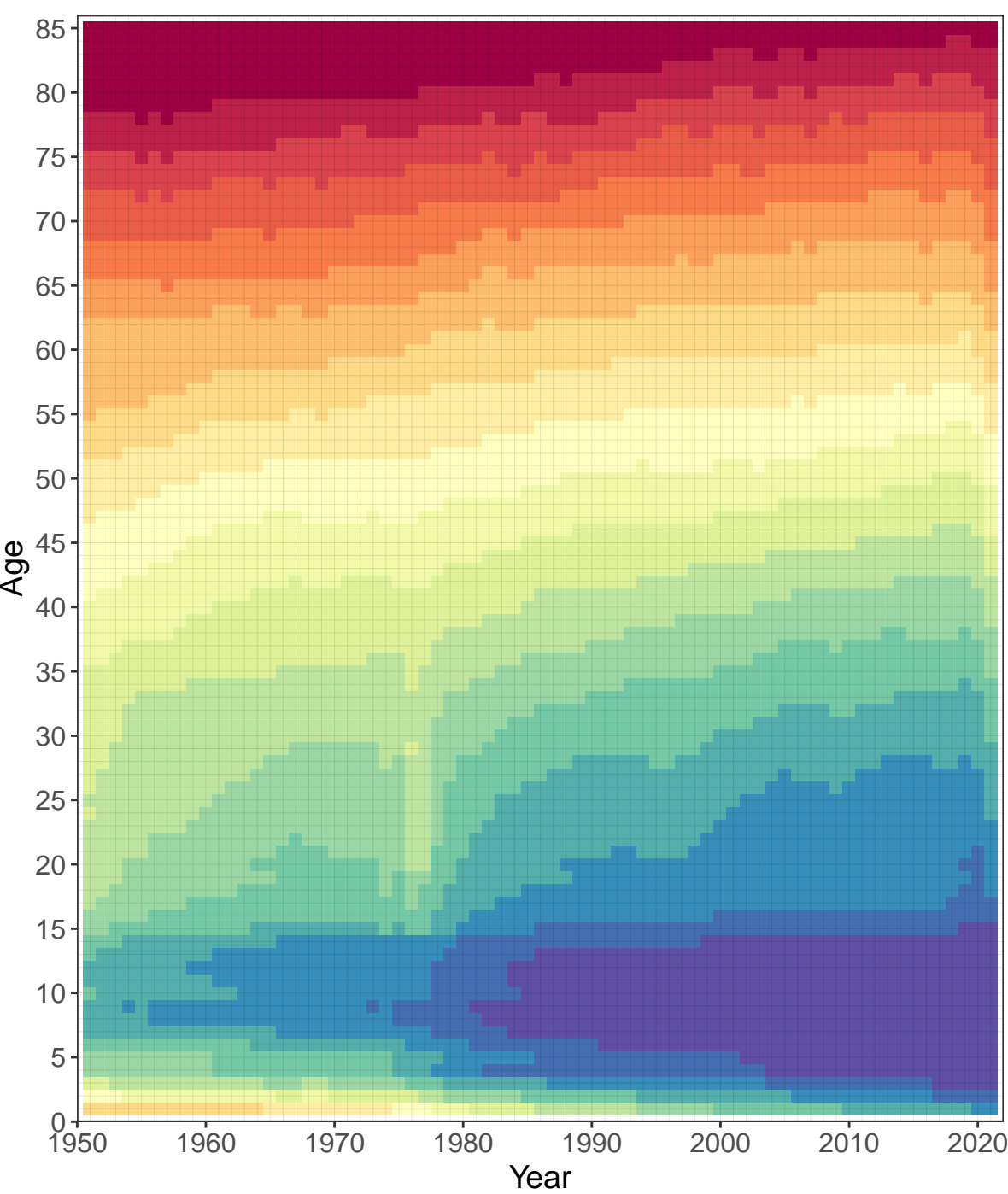


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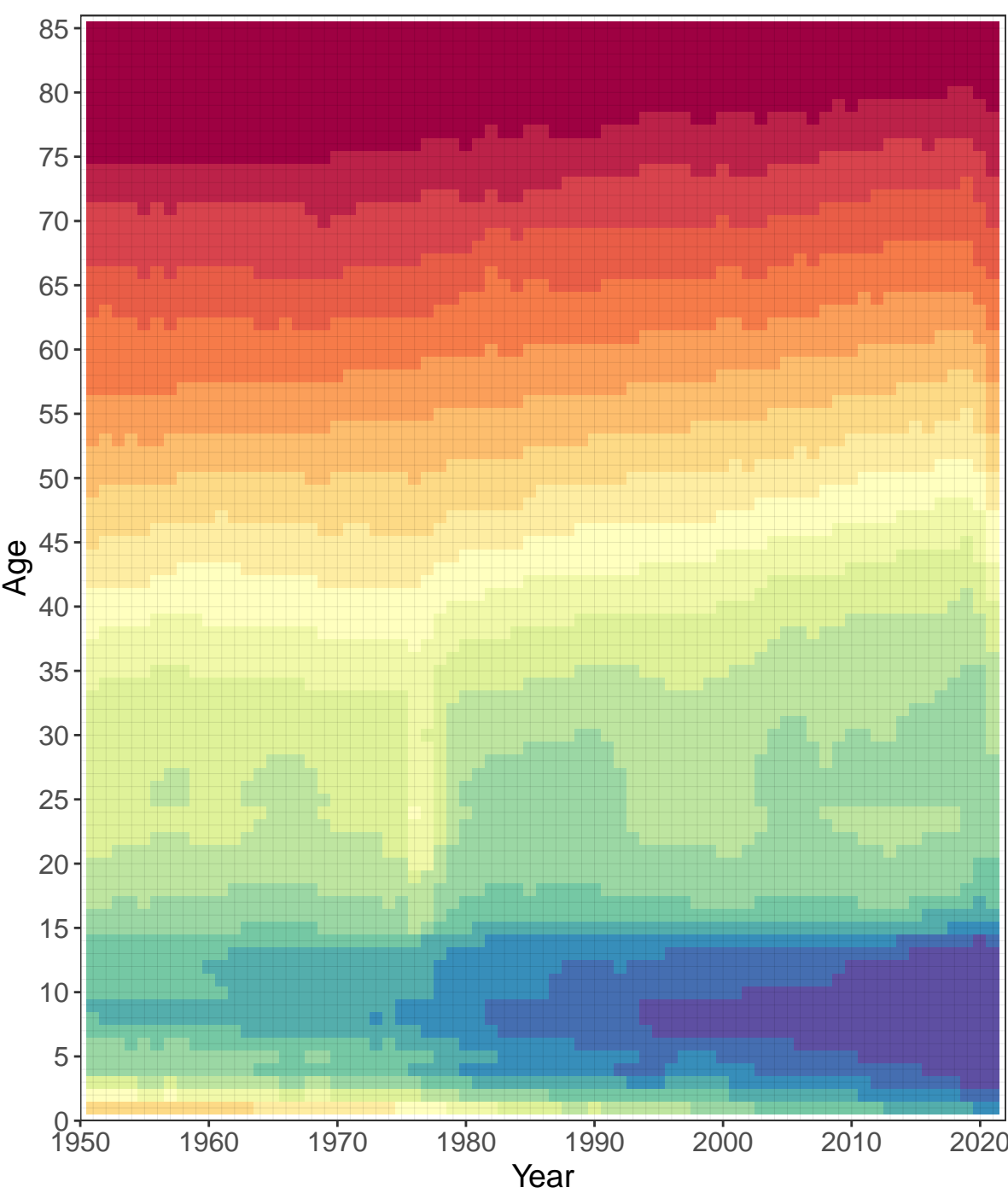


Appendix 2 Figure S4: Argentina mortality rates, 1950–2023

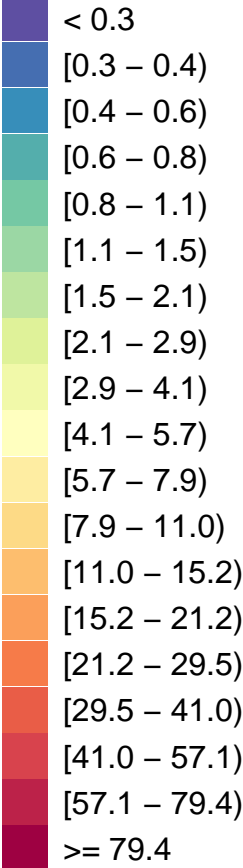
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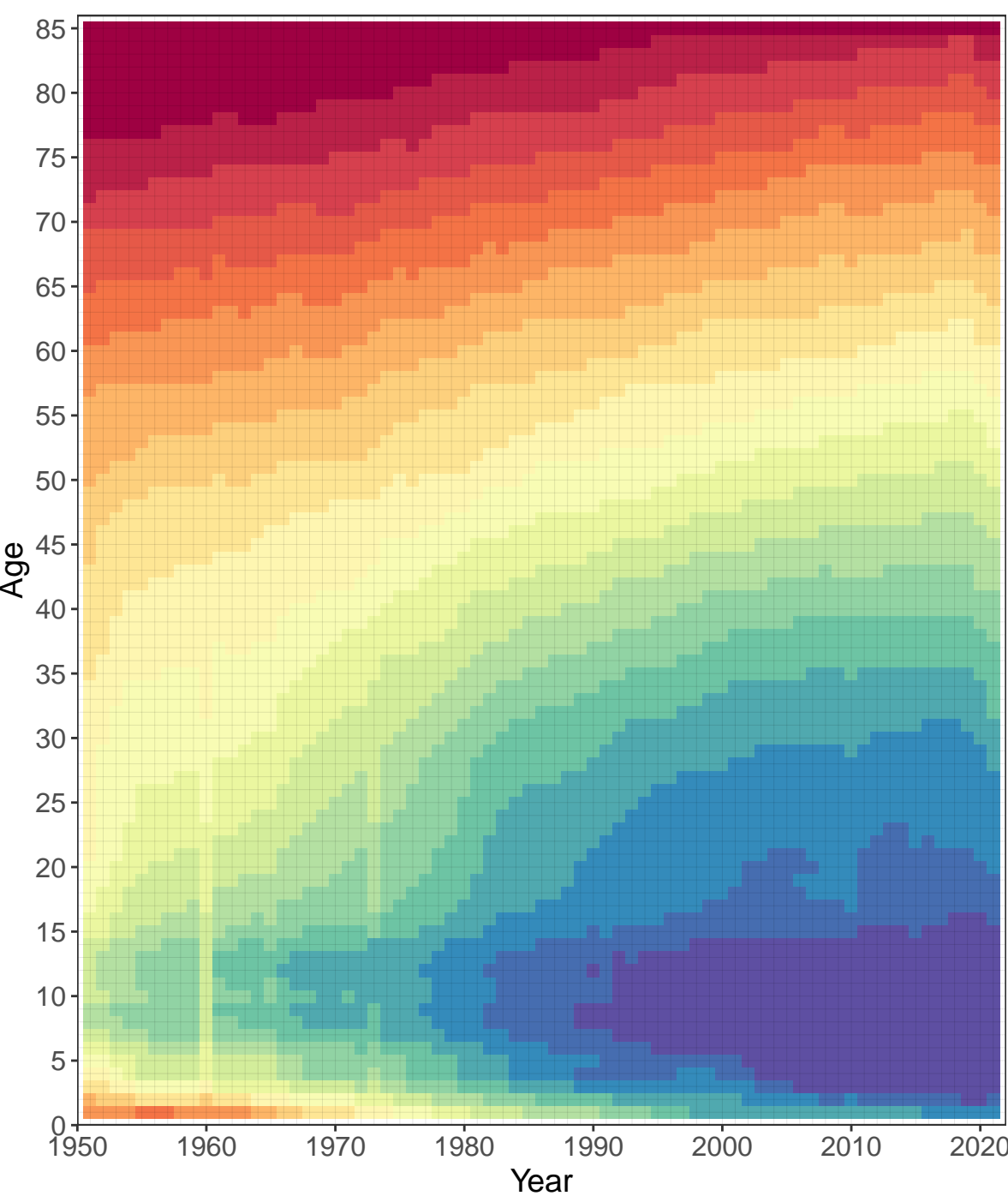


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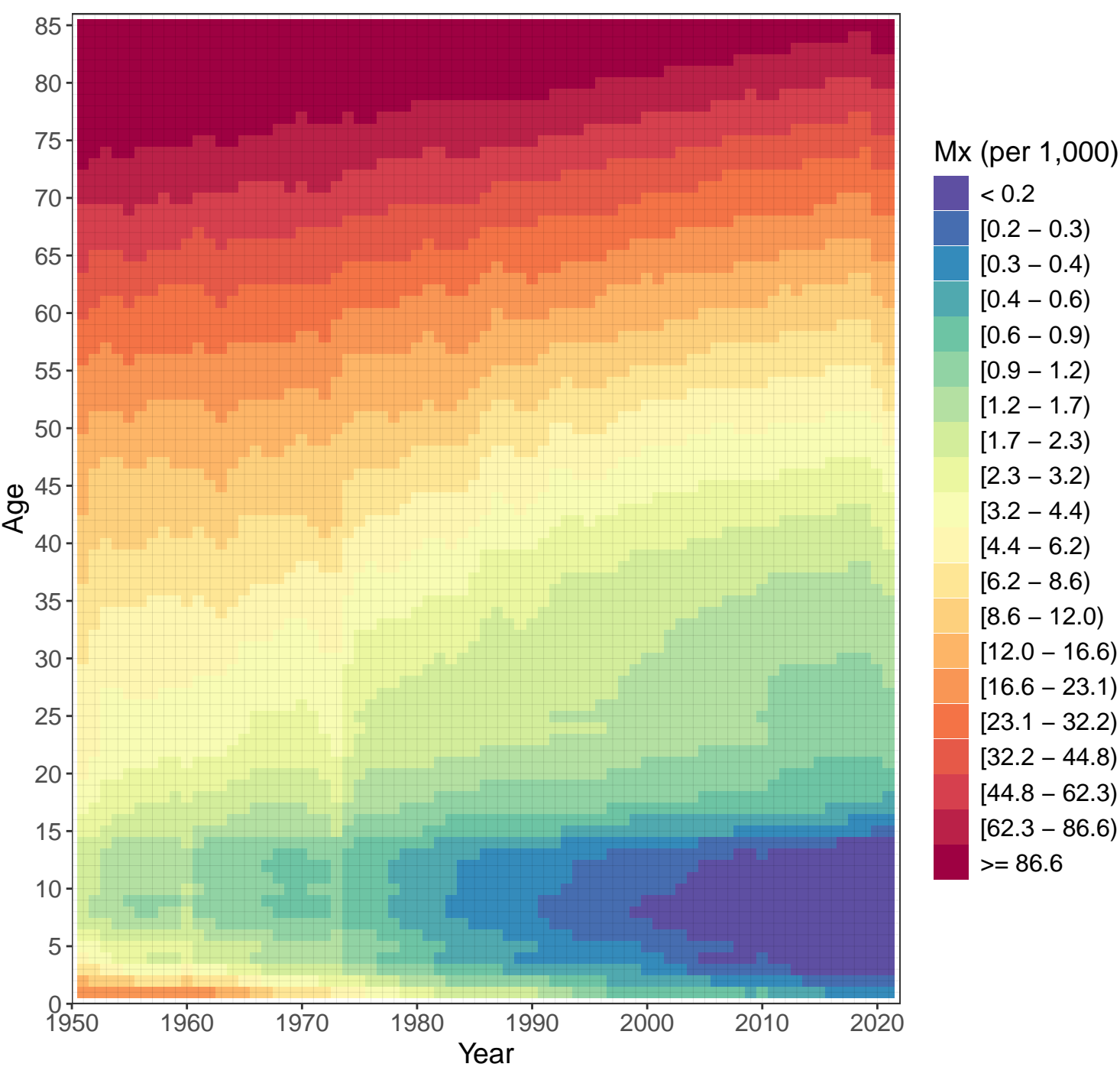


Appendix 2 Figure S4: Chile mortality rates, 1950–2023

Females

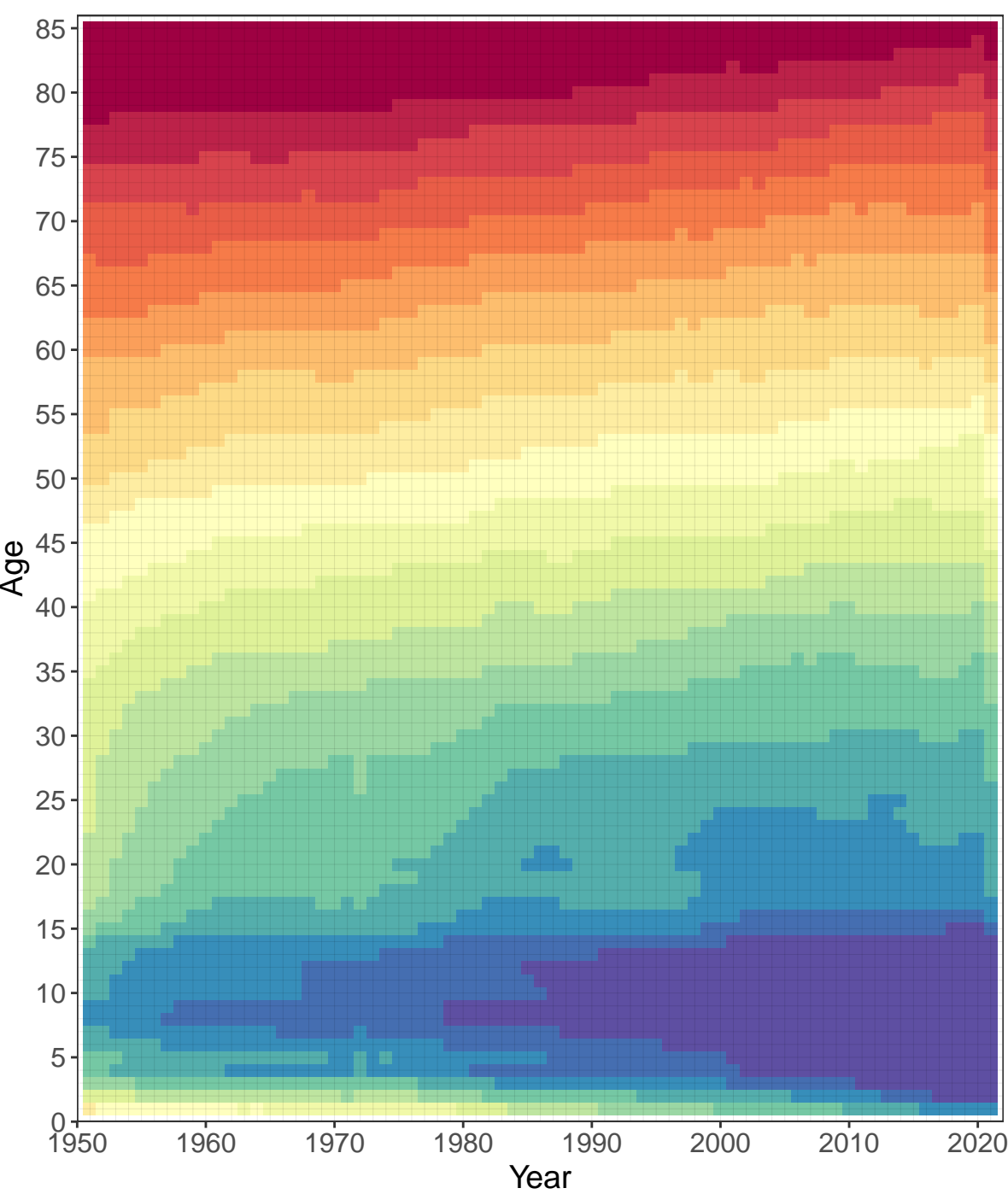


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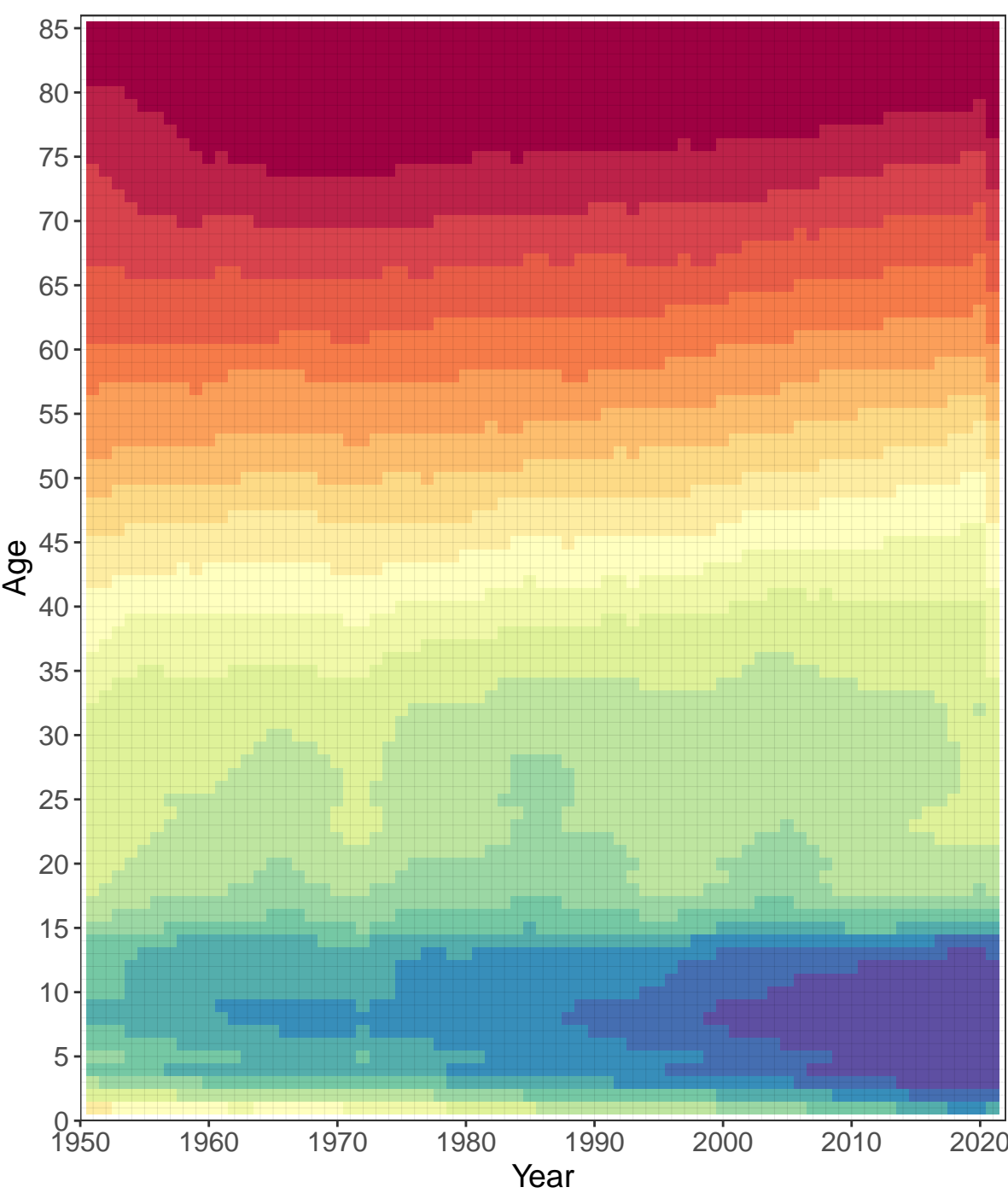


Appendix 2 Figure S4: Uruguay mortality rates, 1950–2023

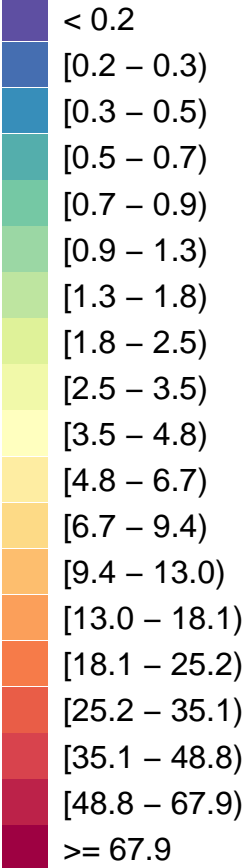
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Males

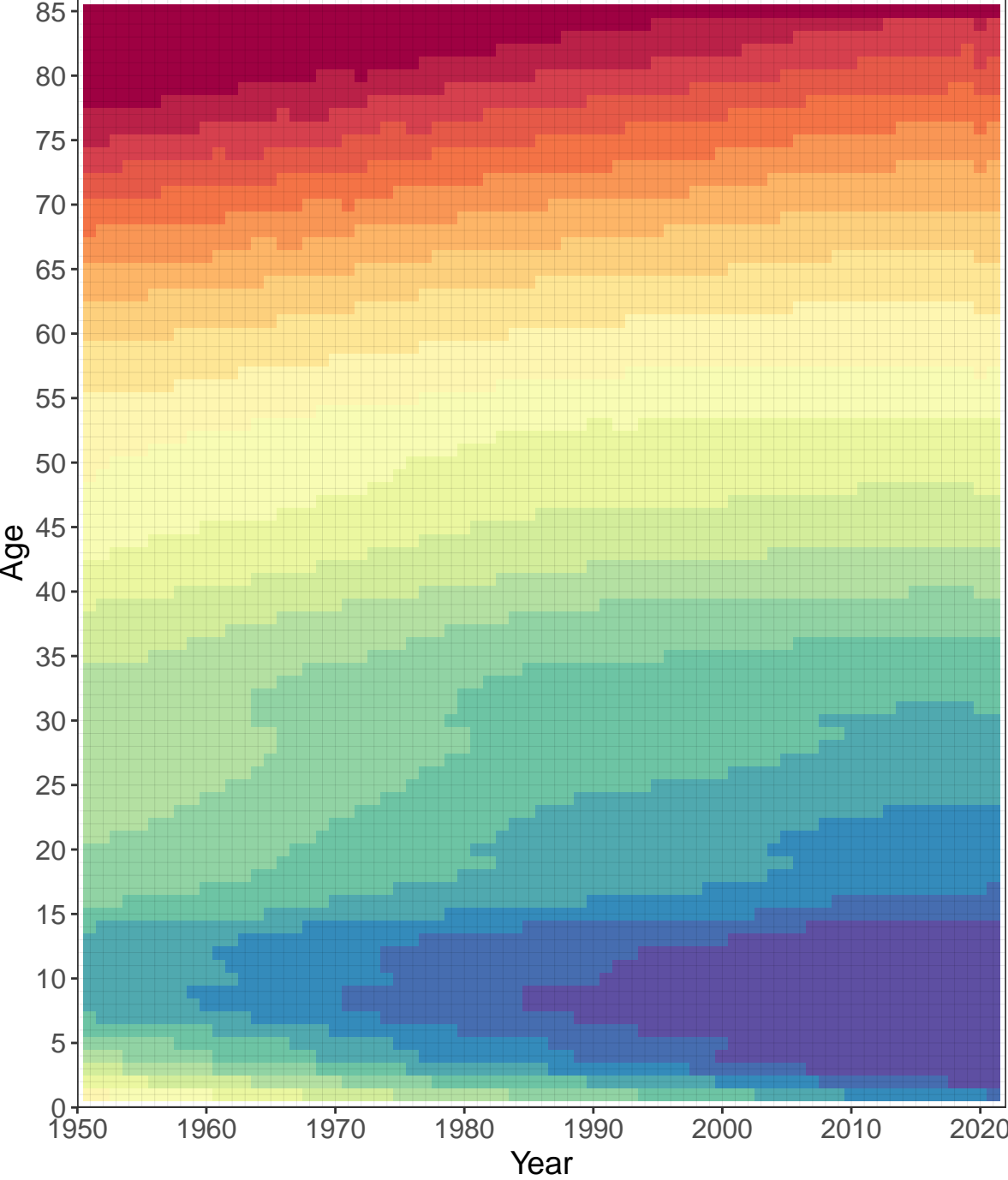


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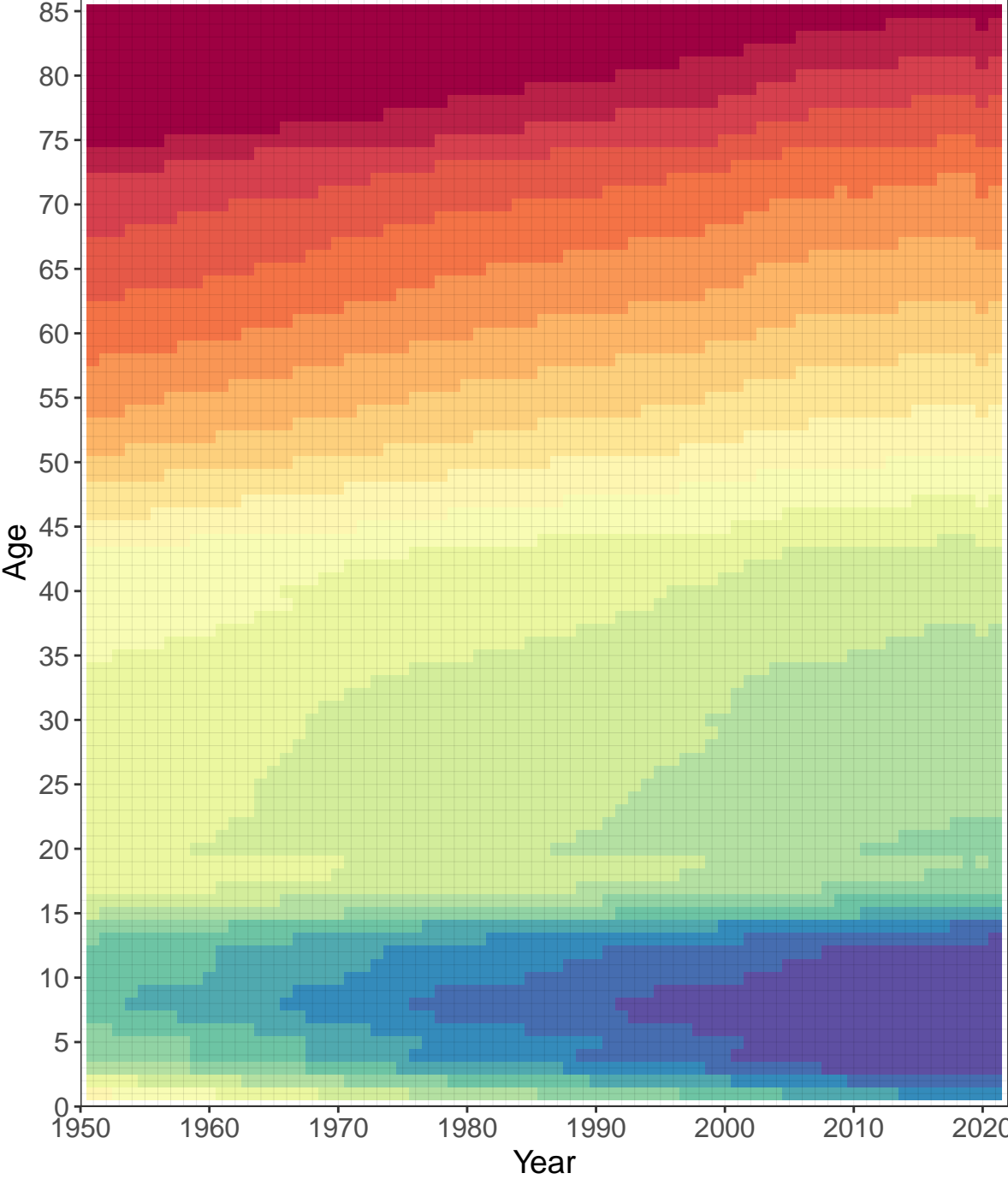


Appendix 2 Figure S4: Andorra mortality rates, 1950–2023

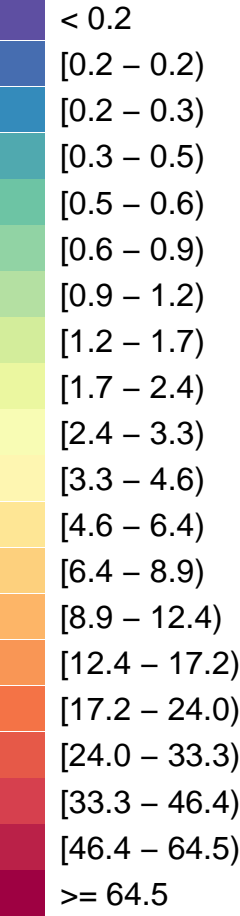
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Males

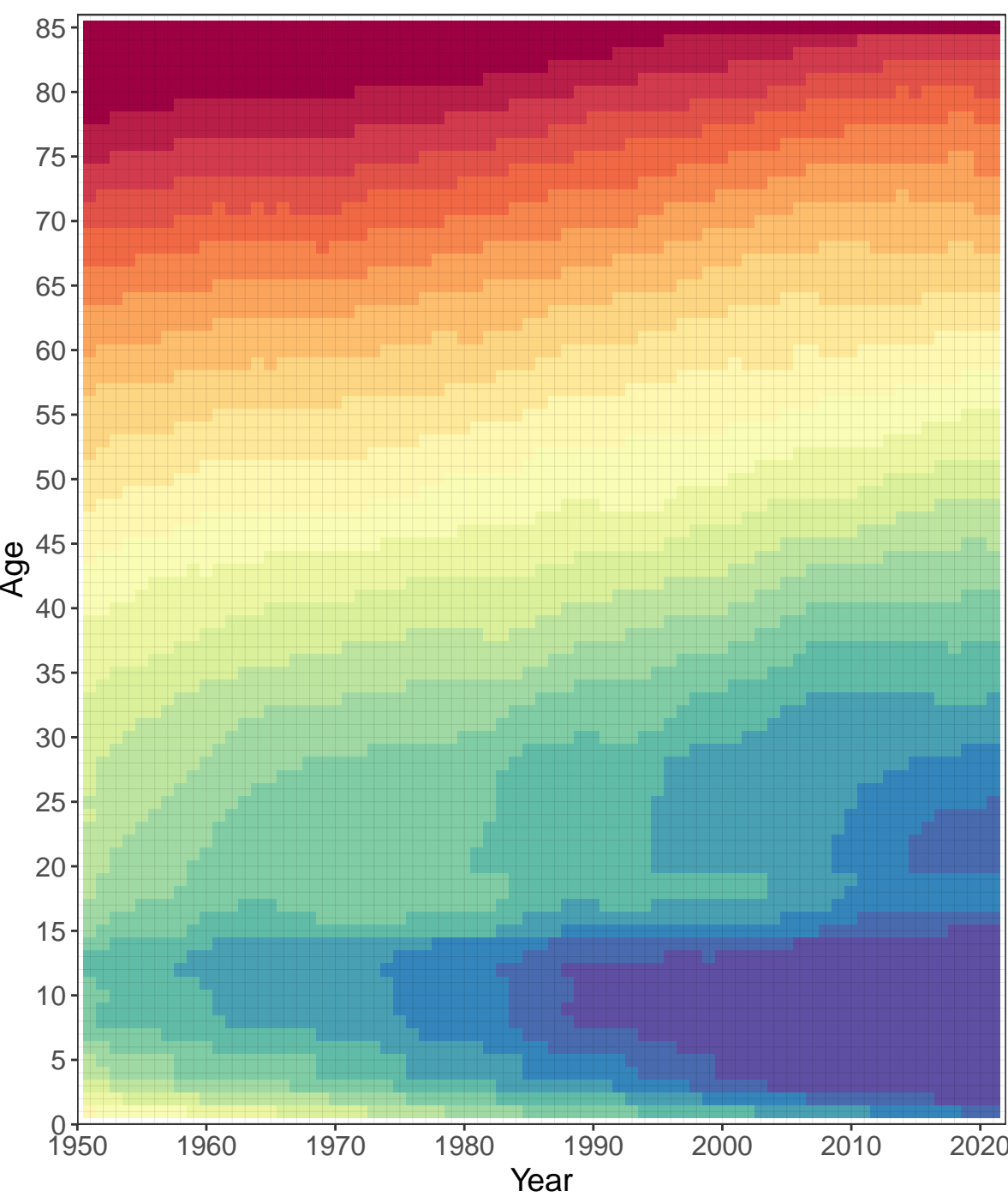


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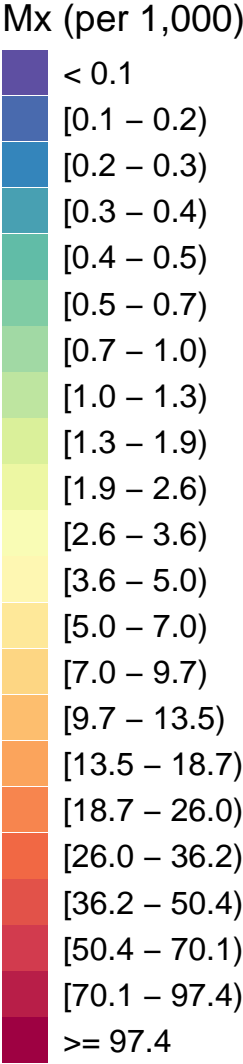
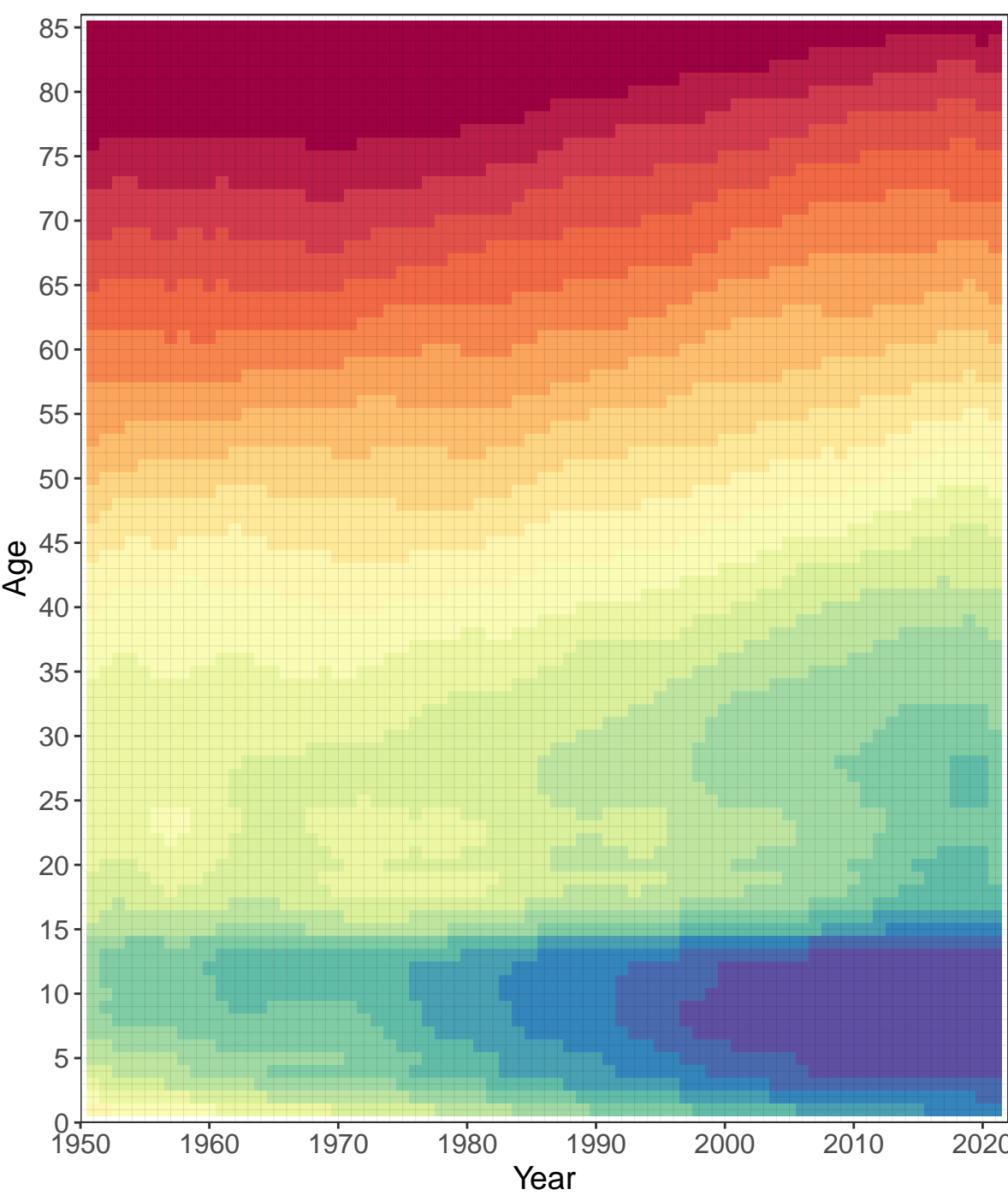


Appendix 2 Figure S4: Austria mortality rates, 1950–2023

Females

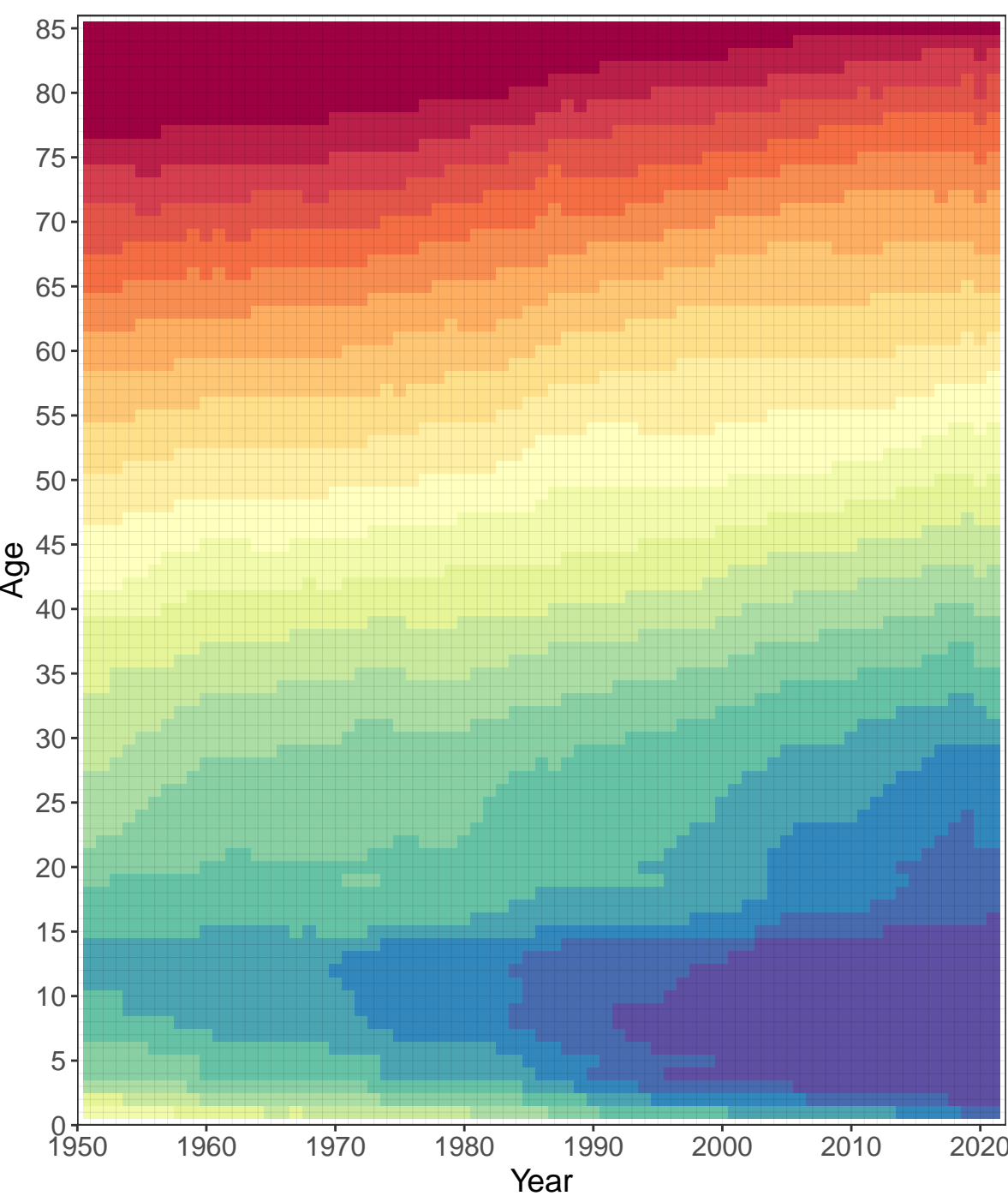


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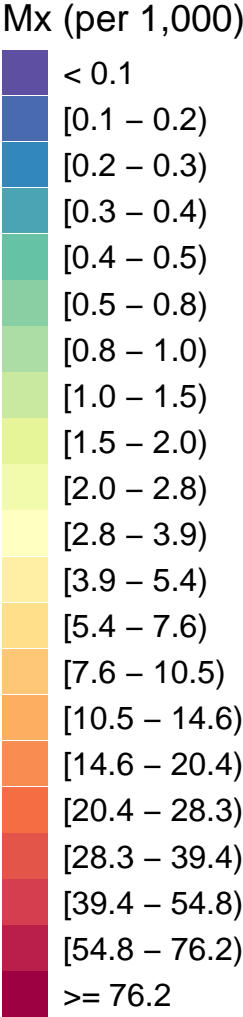
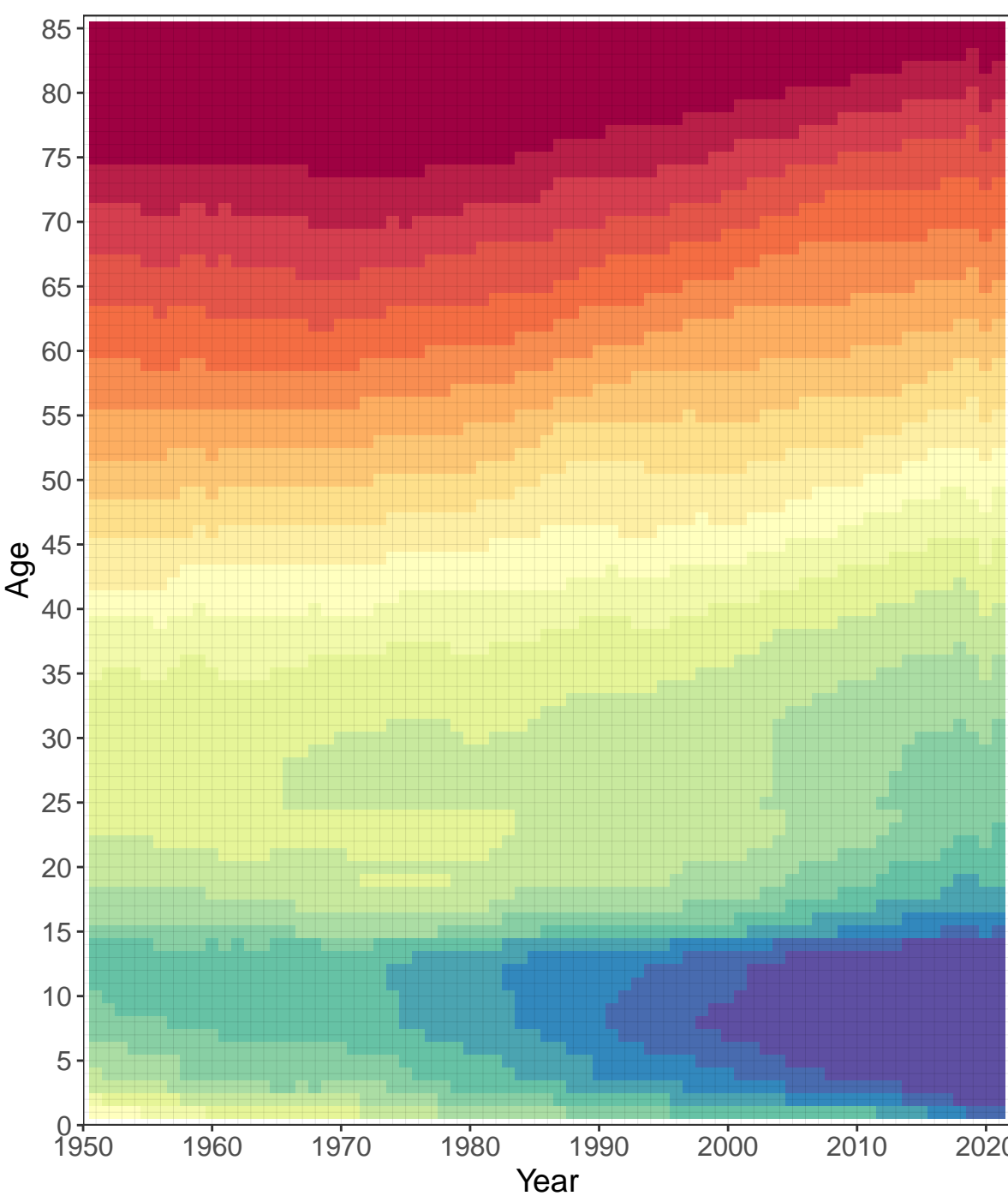


Appendix 2 Figure S4: Belgium mortality rates, 1950–2023

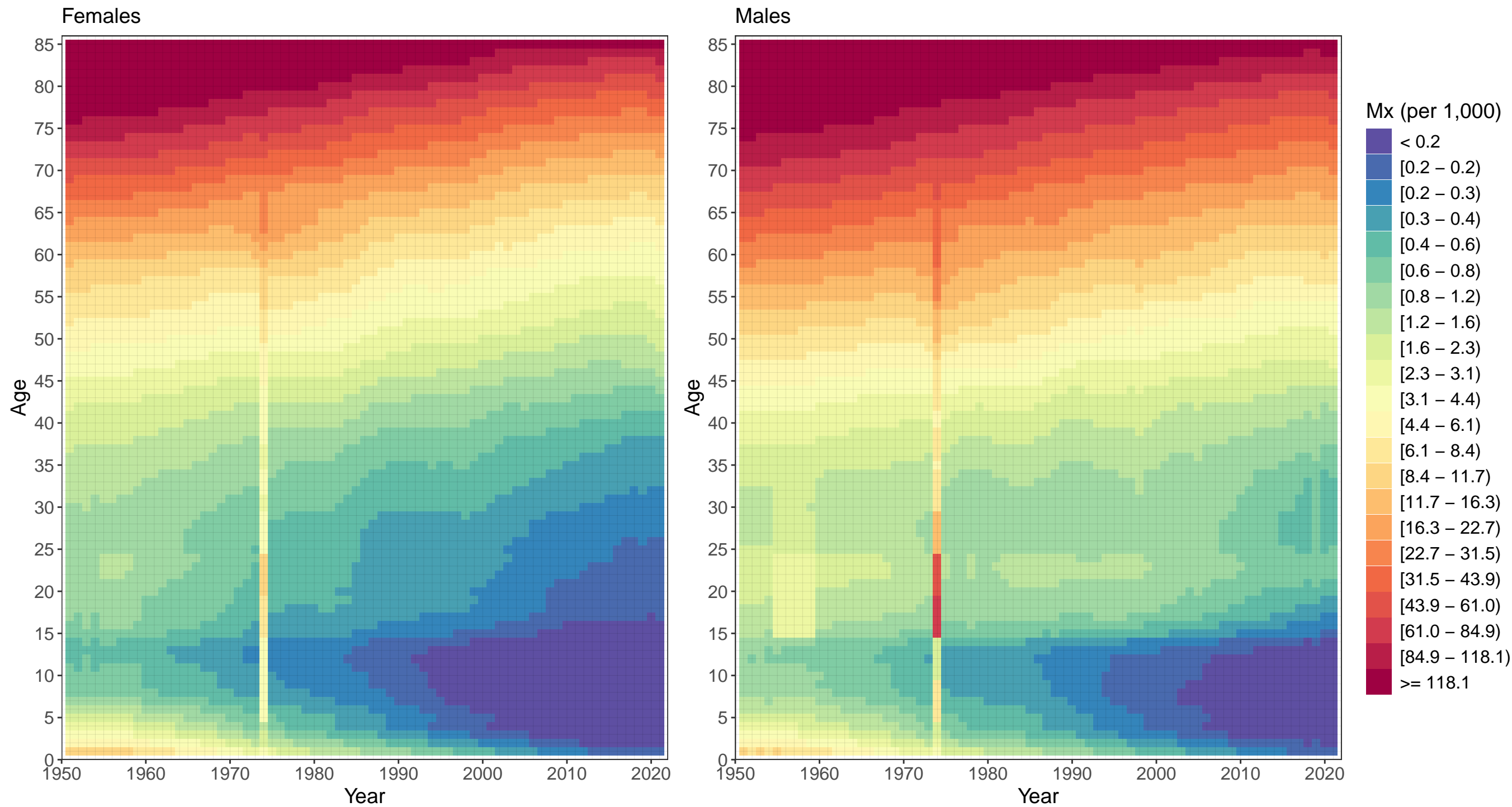
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Males

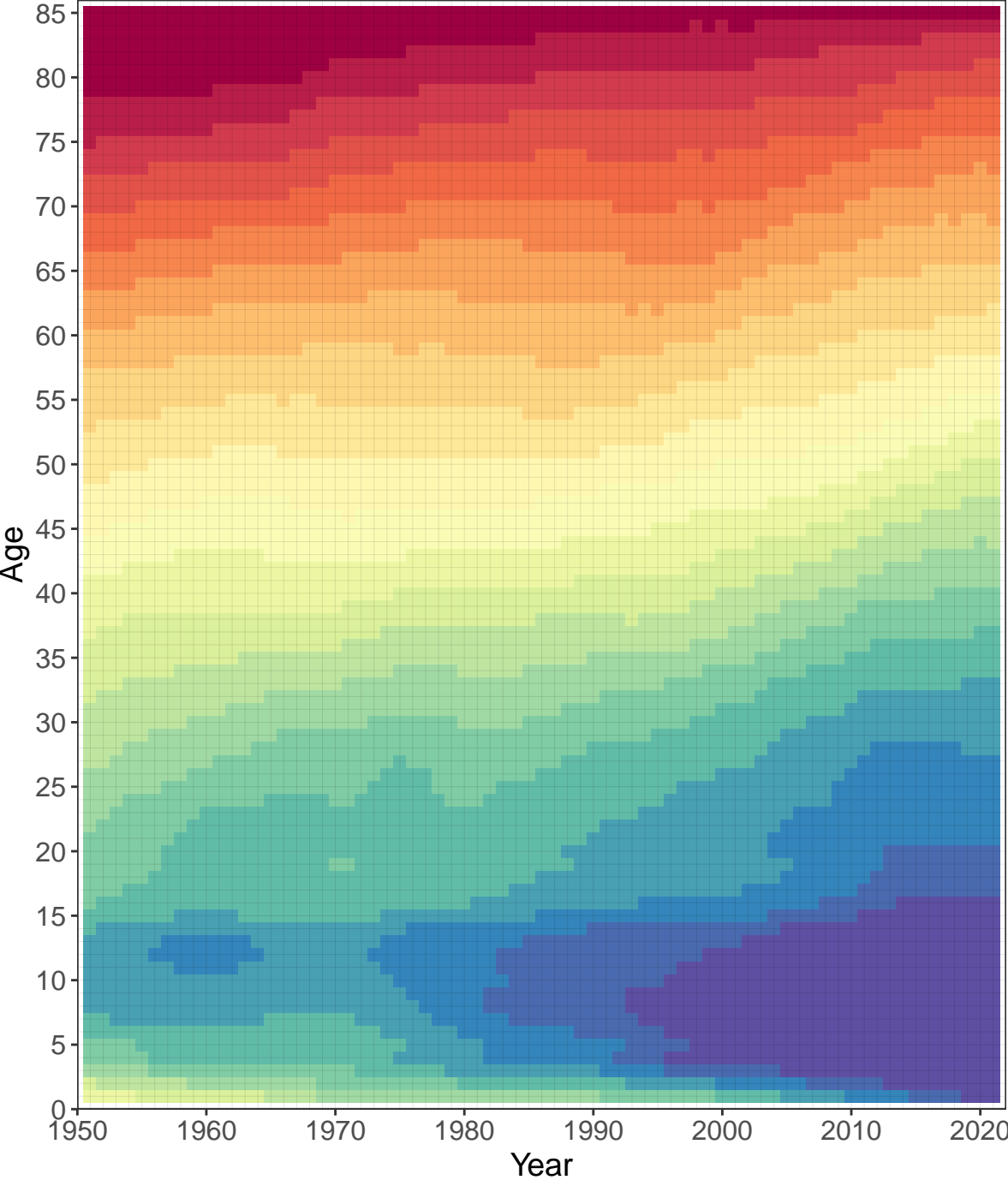


Appendix 2 Figure S4: Cyprus mortality rates, 1950–2023

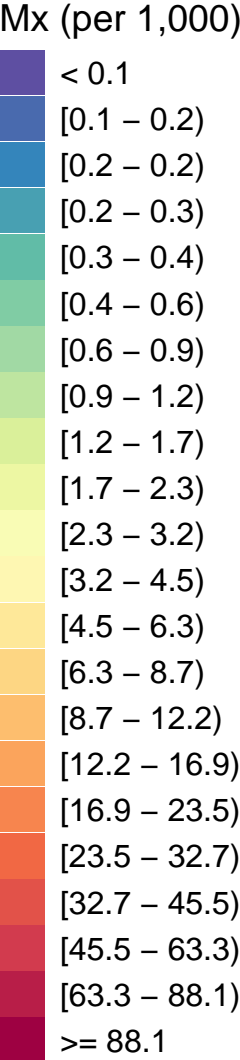
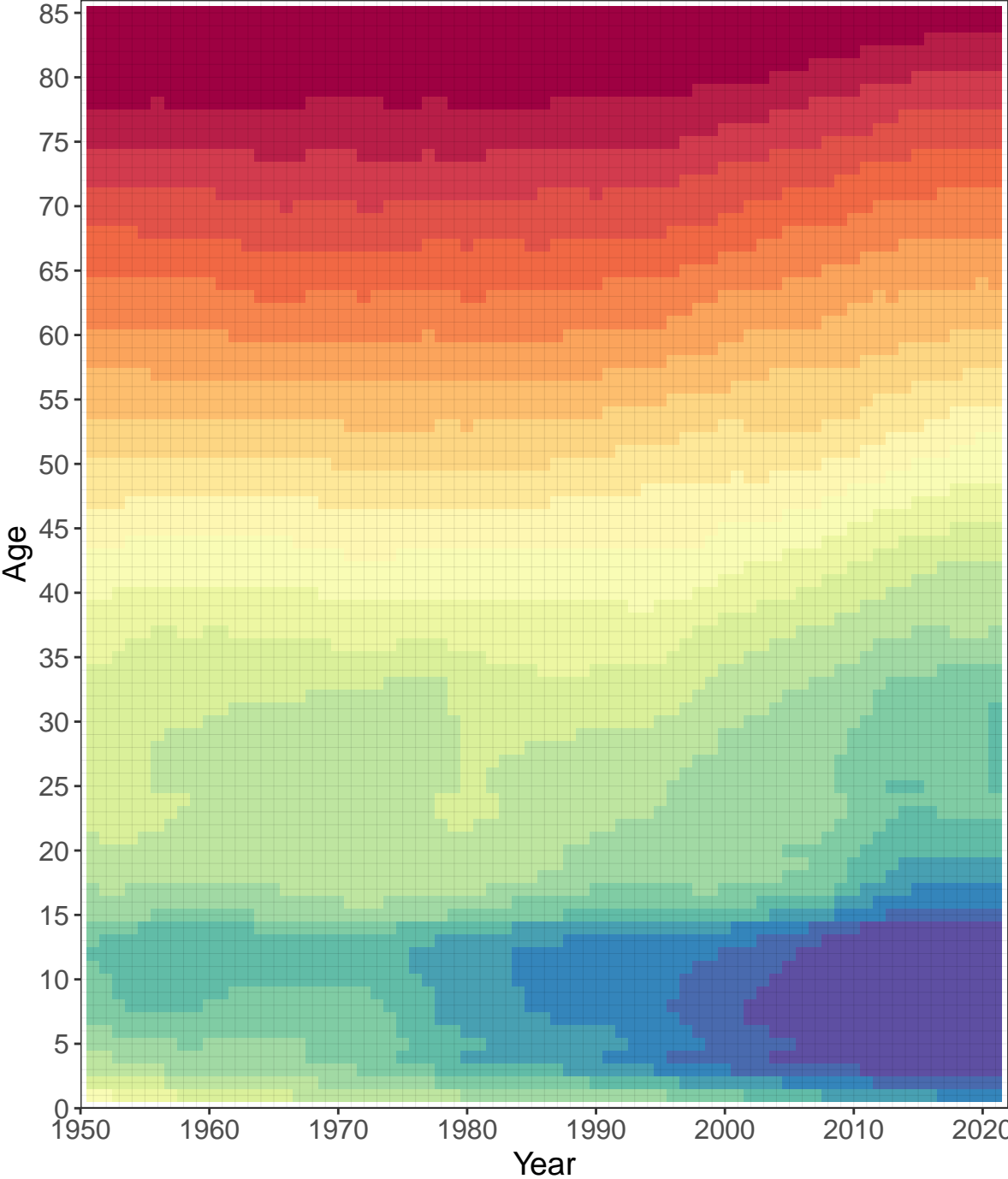


Appendix 2 Figure S4: Denmark mortality rates, 1950–2023

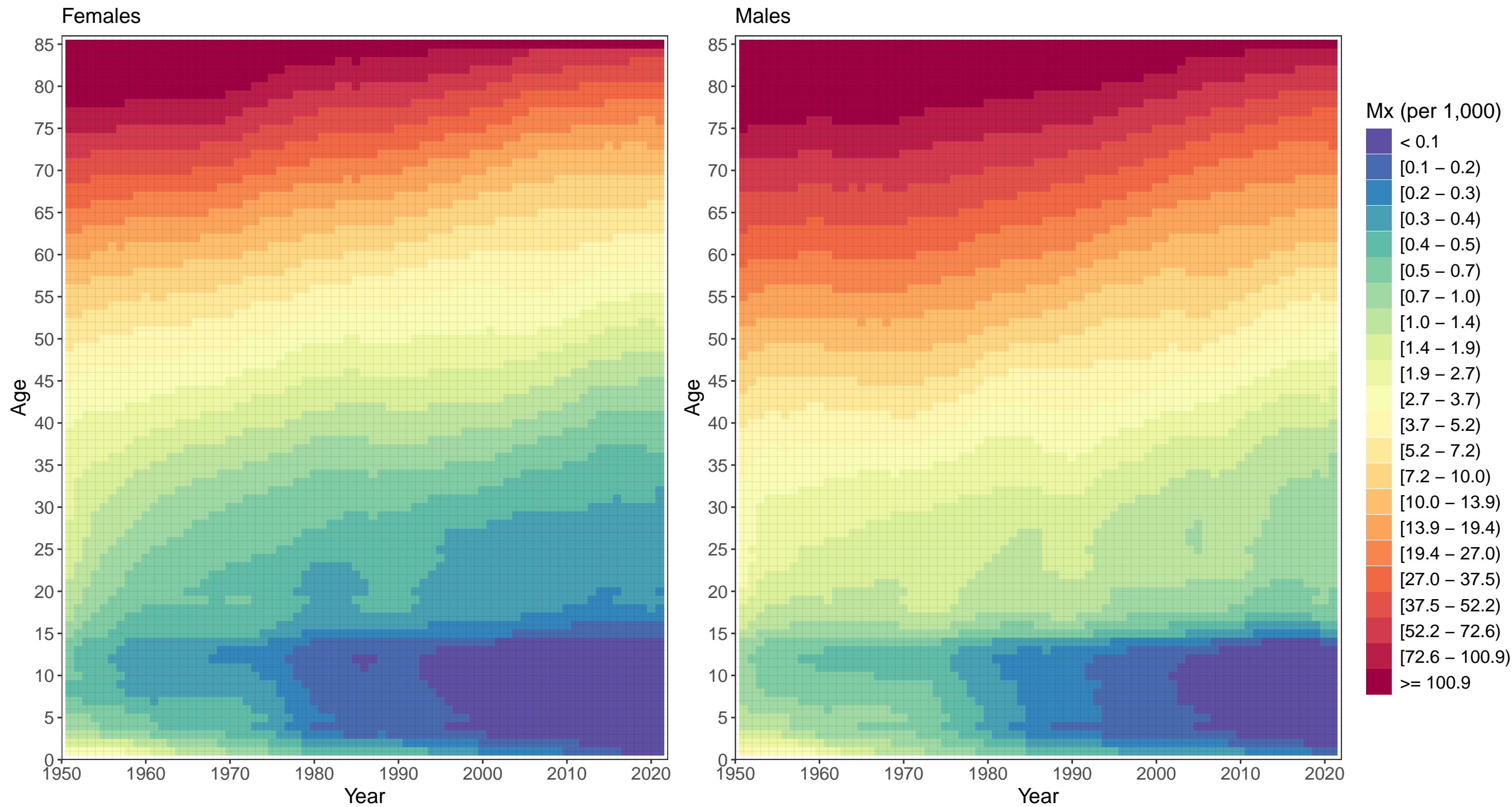
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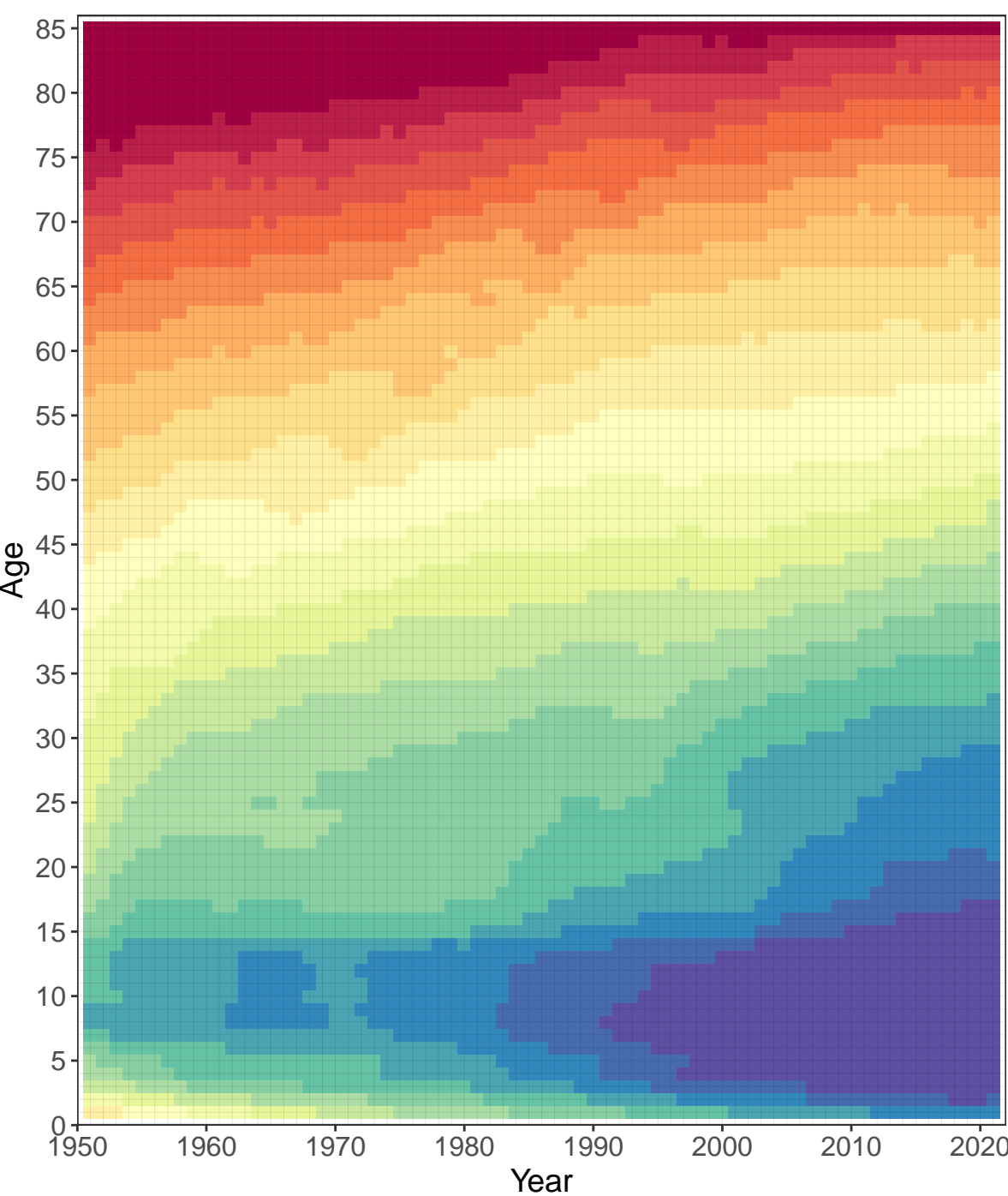


Appendix 2 Figure S4: Finland mortality rates, 1950–2023

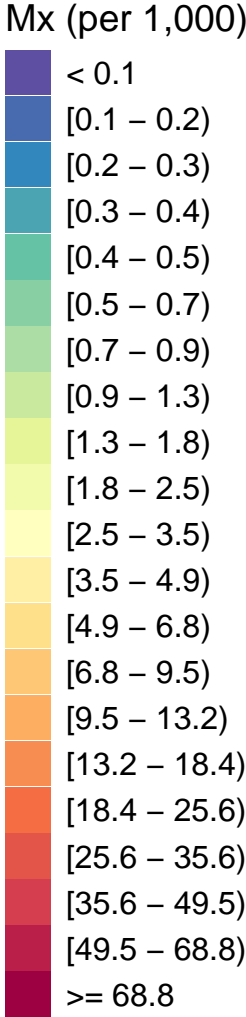
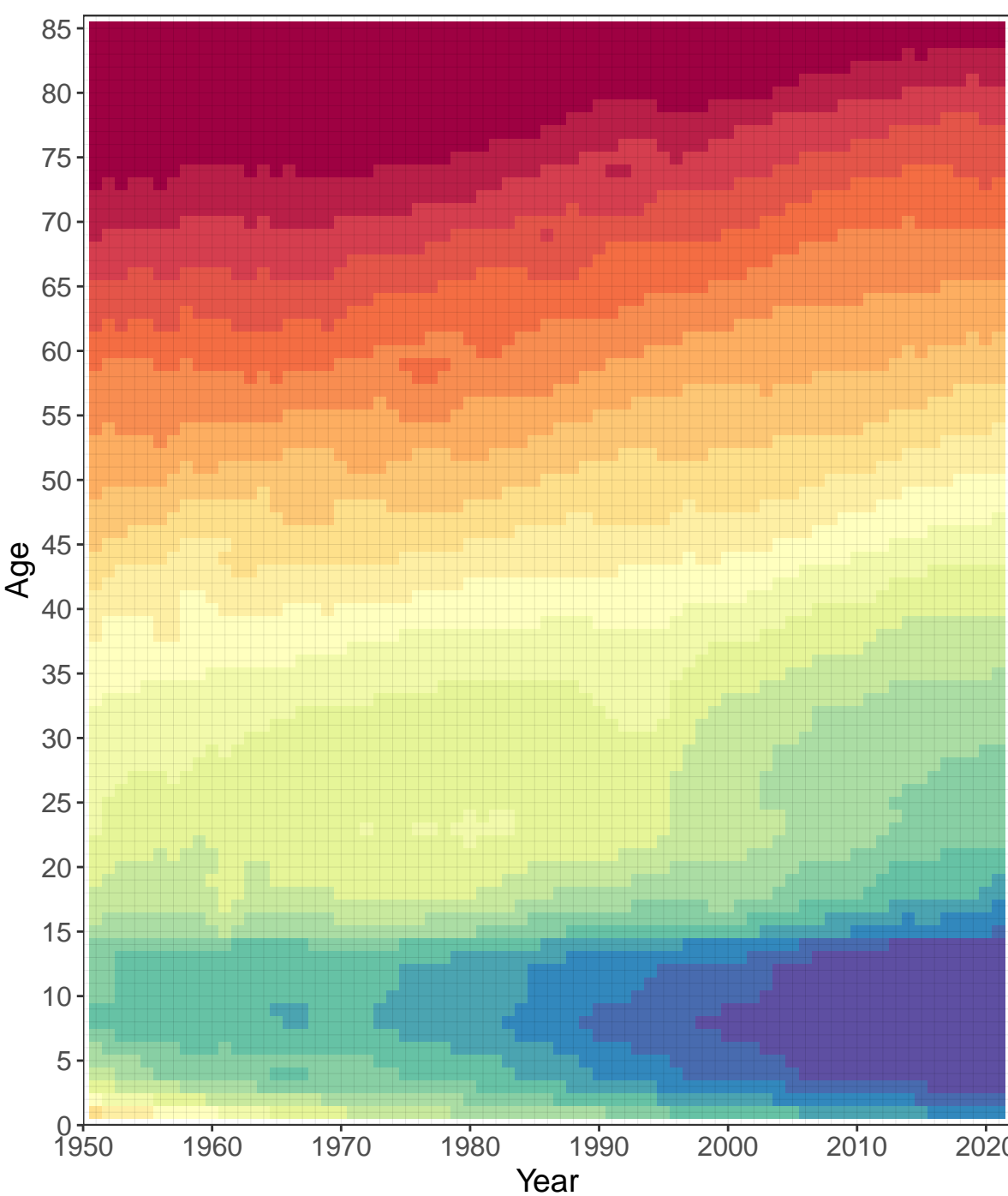


Appendix 2 Figure S4: France mortality rates, 1950–2023

Females

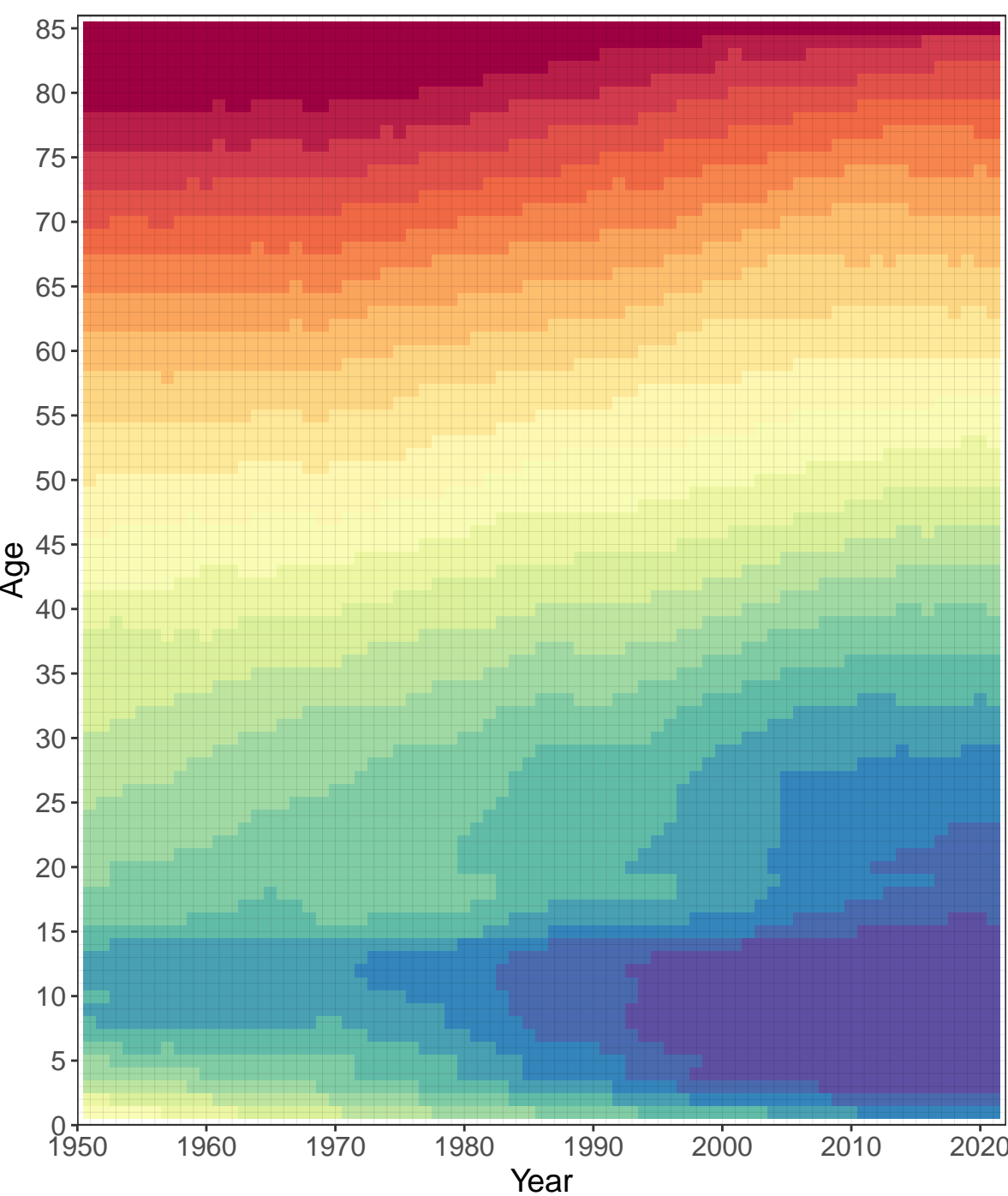


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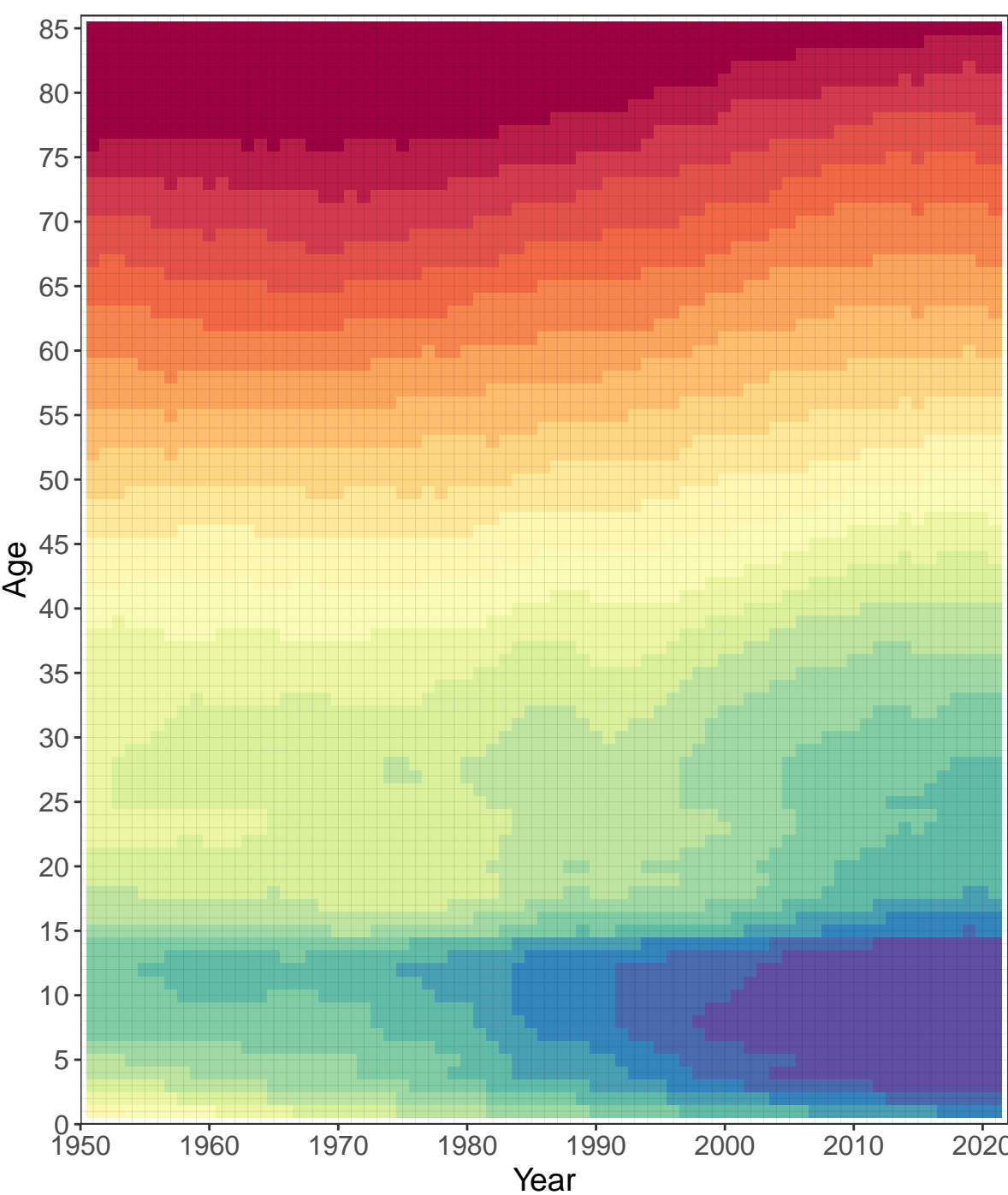


Appendix 2 Figure S4: Germany mortality rates, 1950–2023

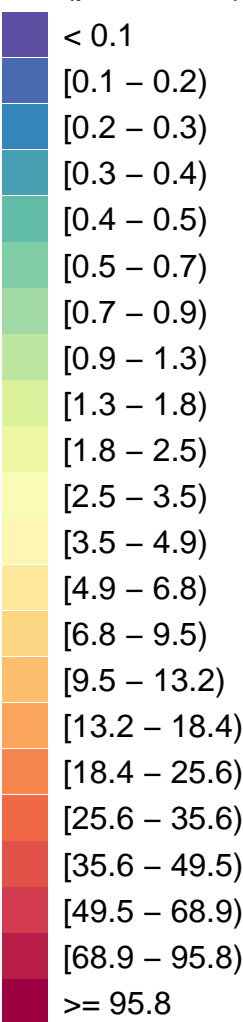
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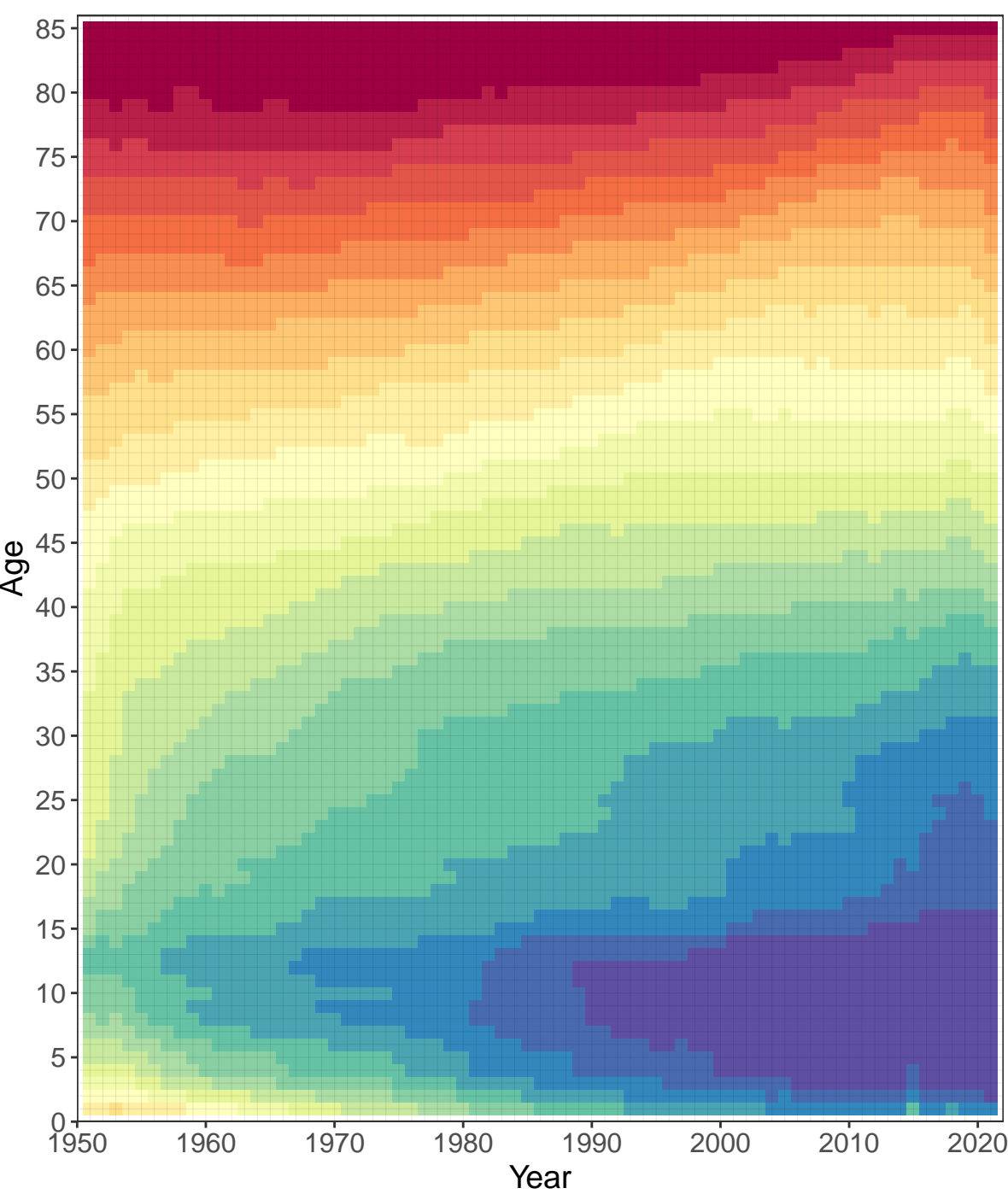


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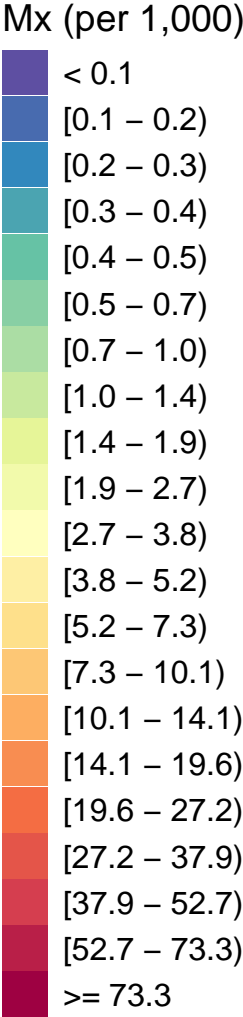
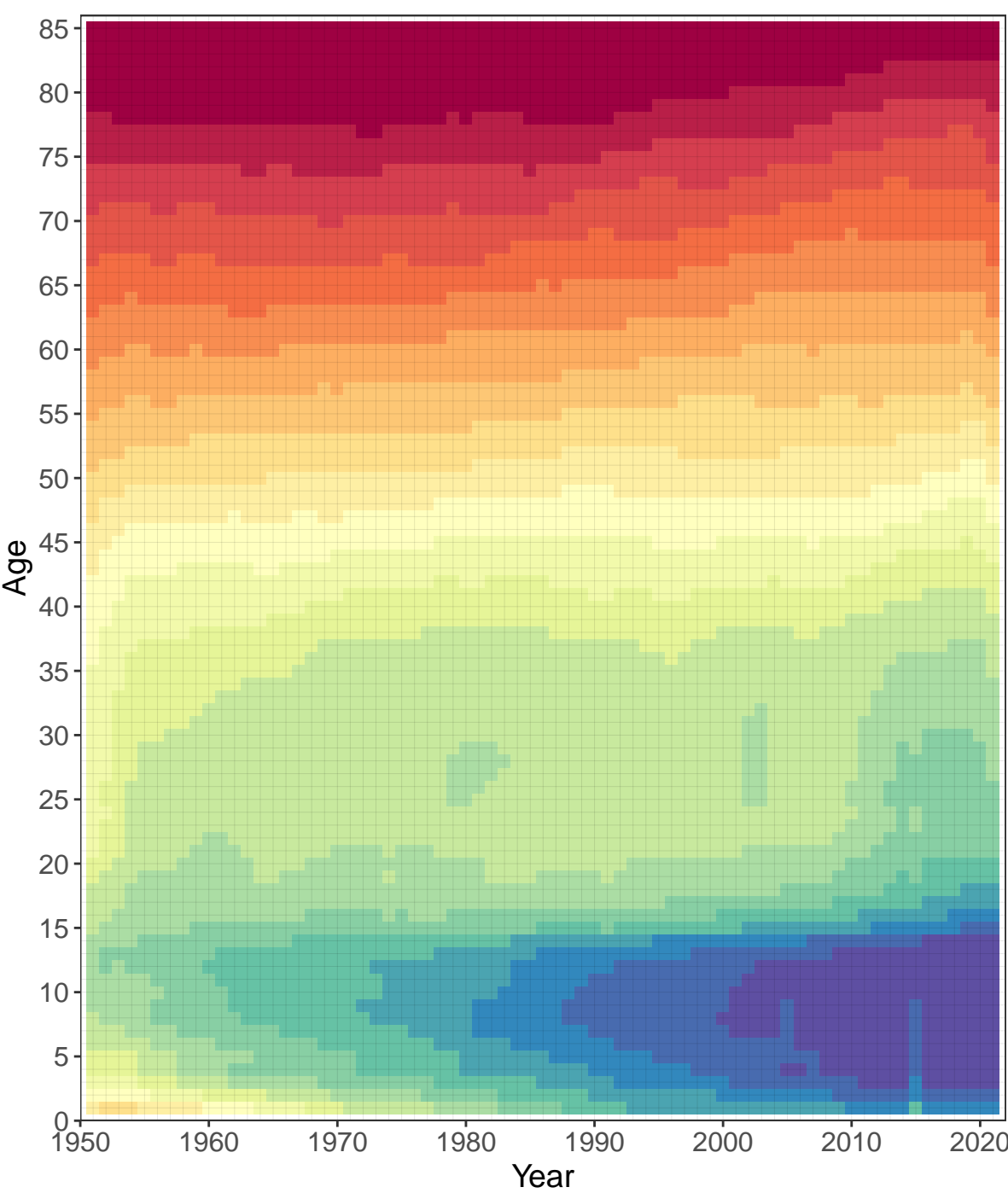


Appendix 2 Figure S4: Greece mortality rates, 1950–2023

Females

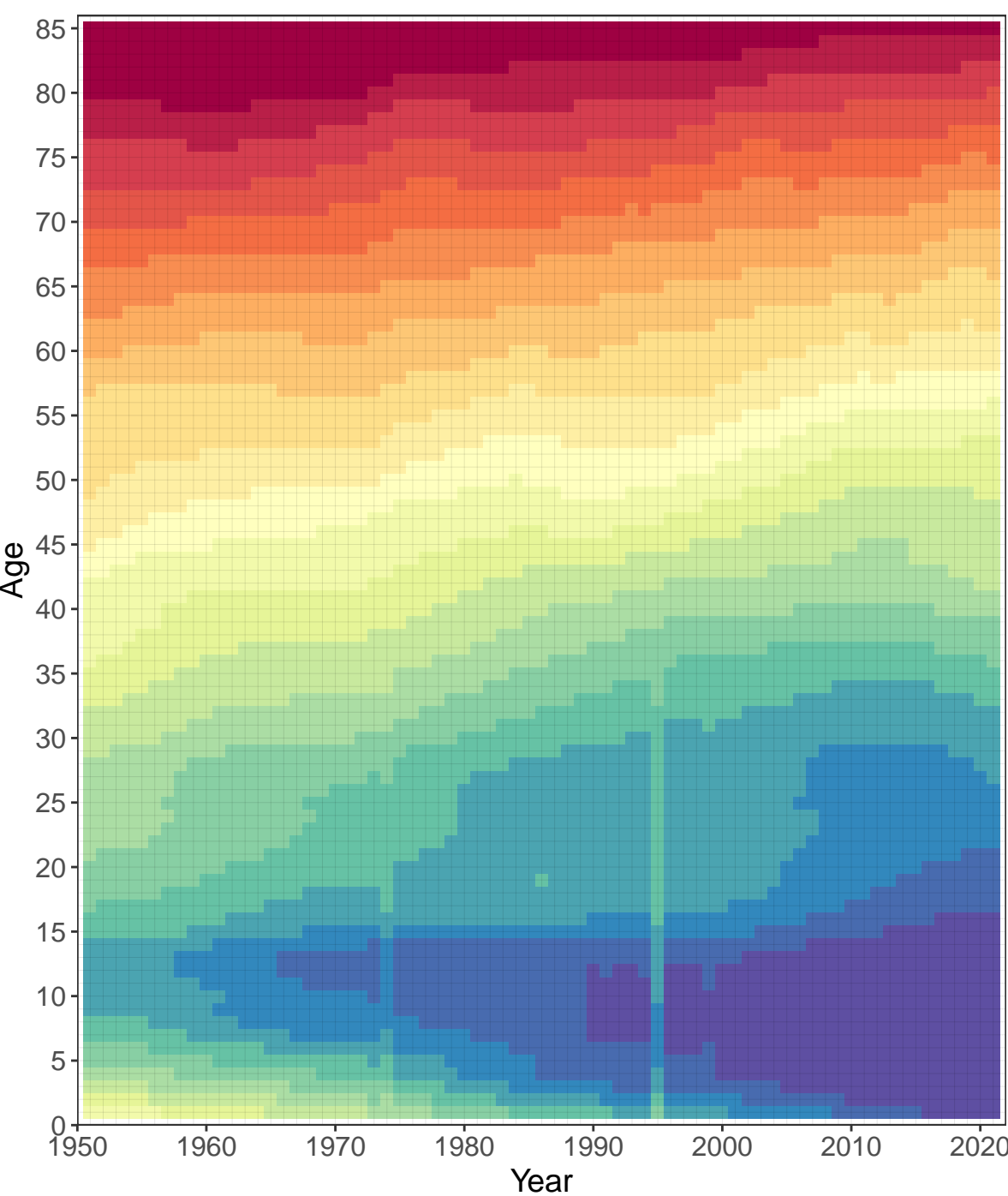


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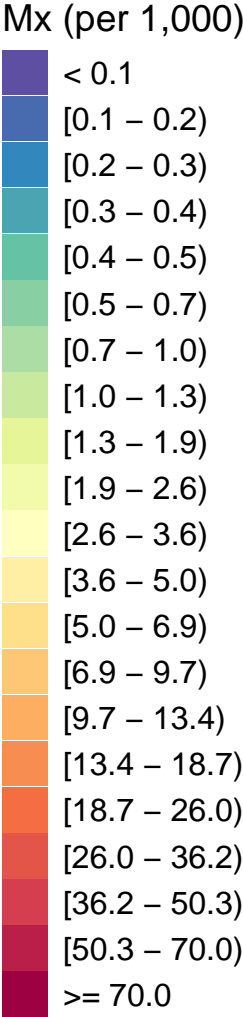
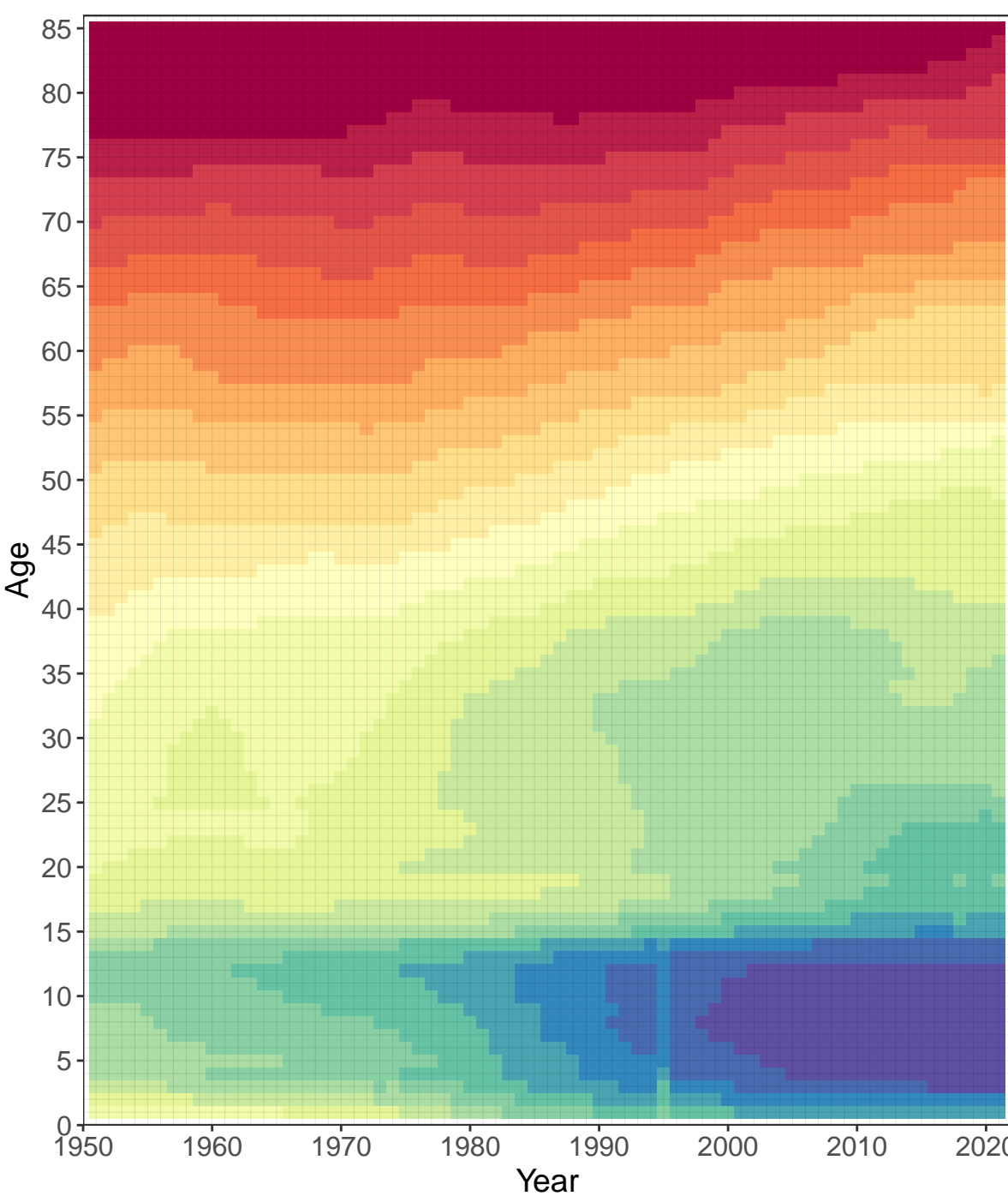


Appendix 2 Figure S4: Iceland mortality rates, 1950–2023

Females

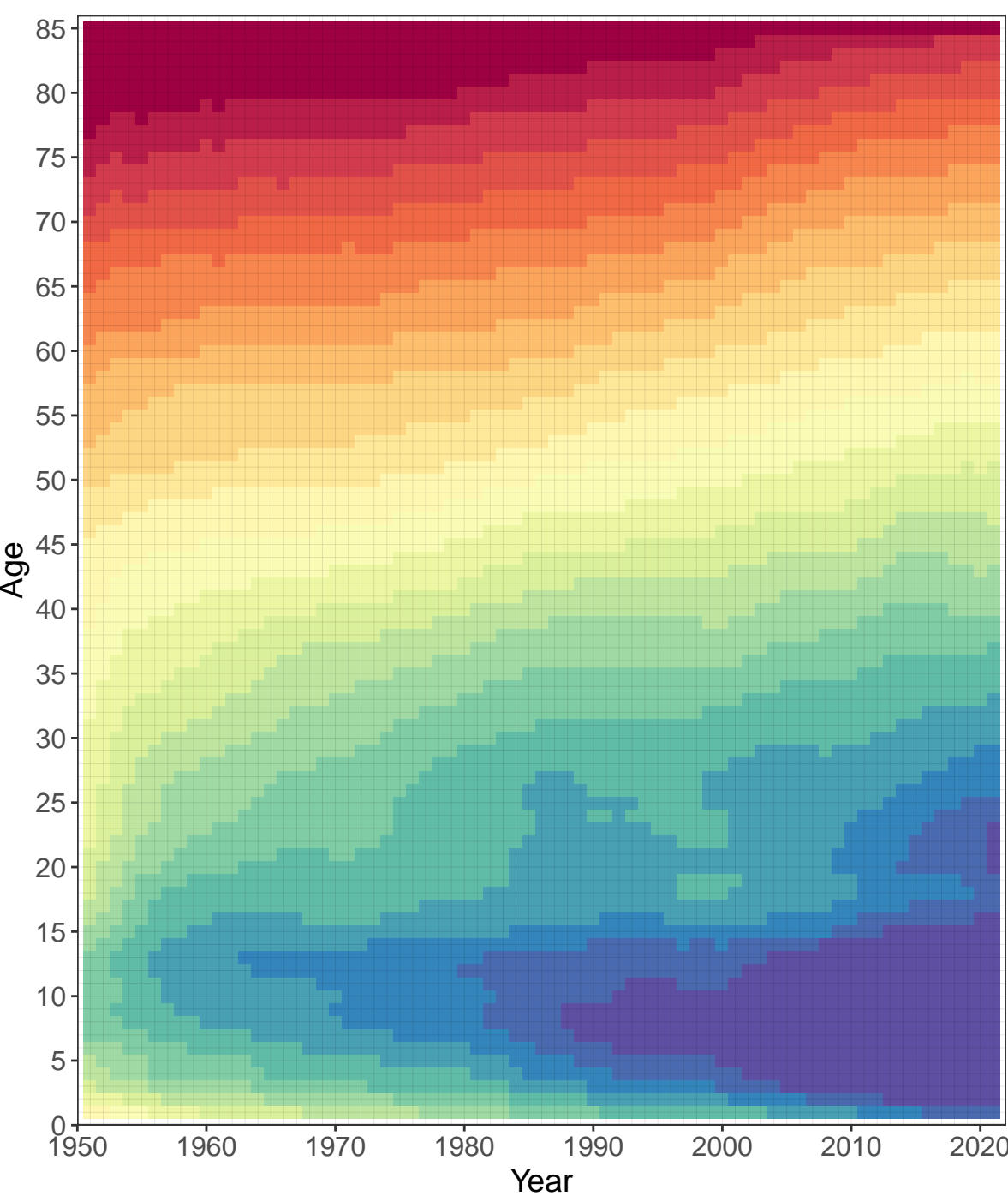


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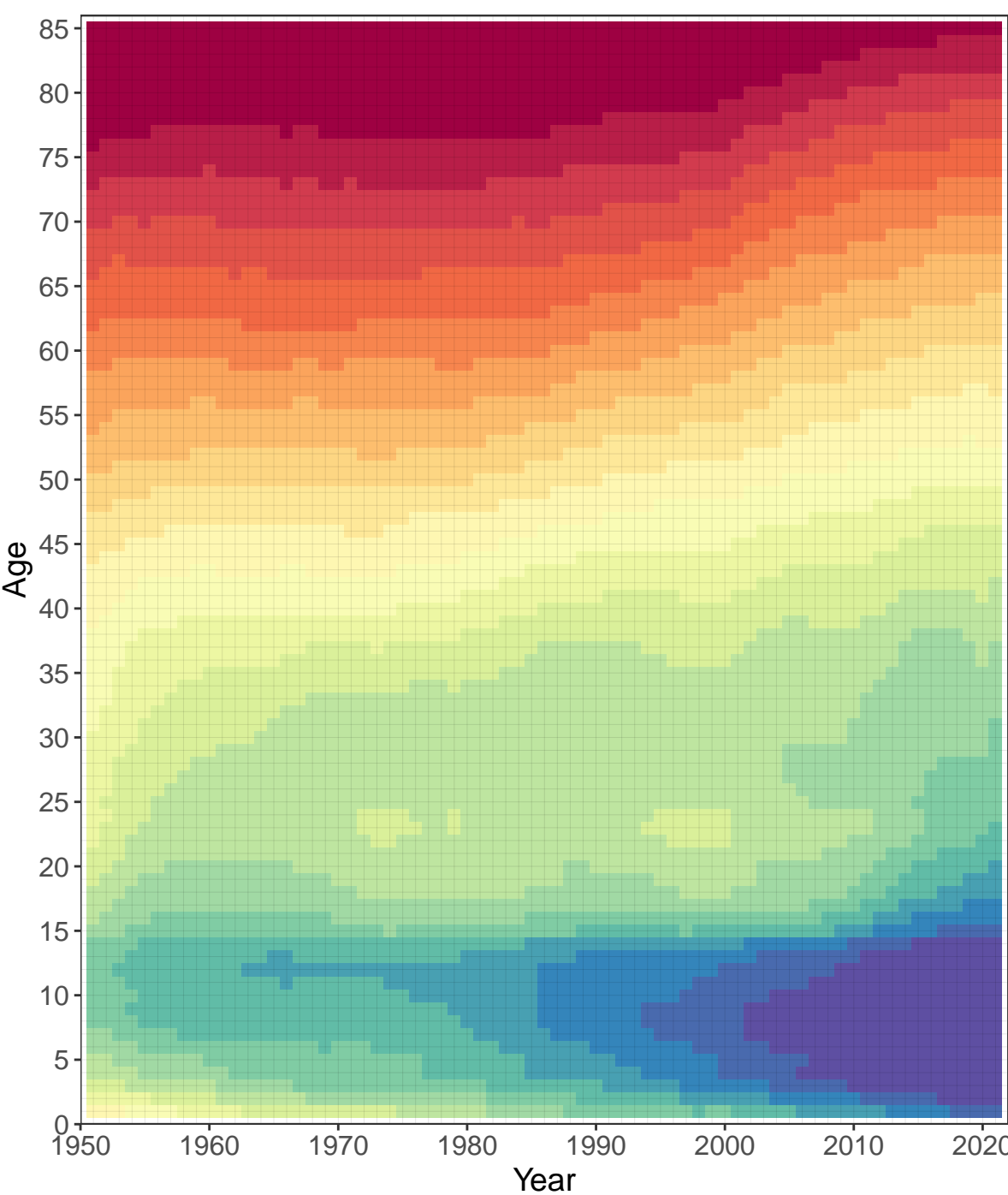


Appendix 2 Figure S4: Ireland mortality rates, 1950–2023

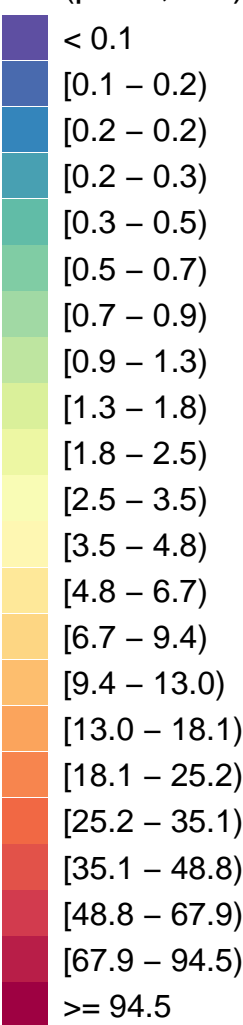
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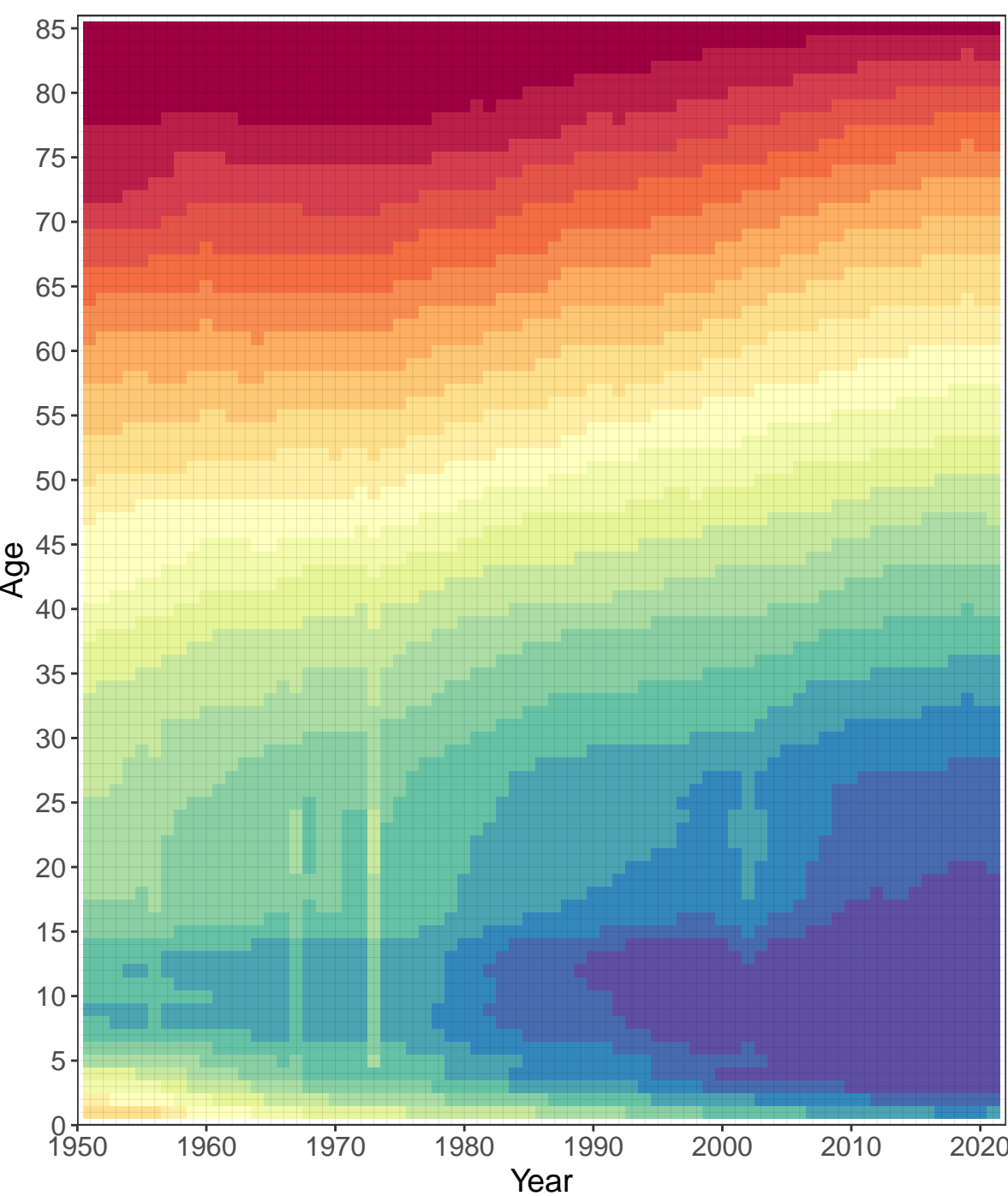


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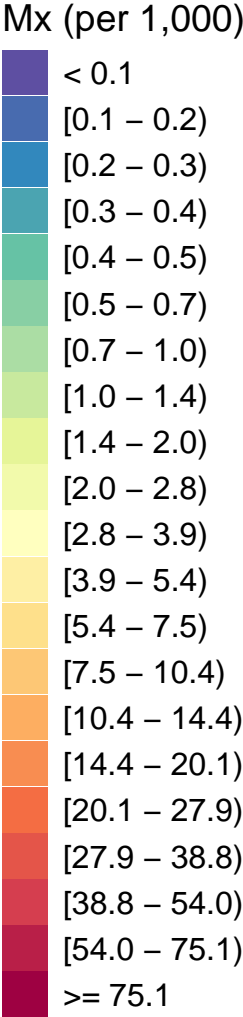
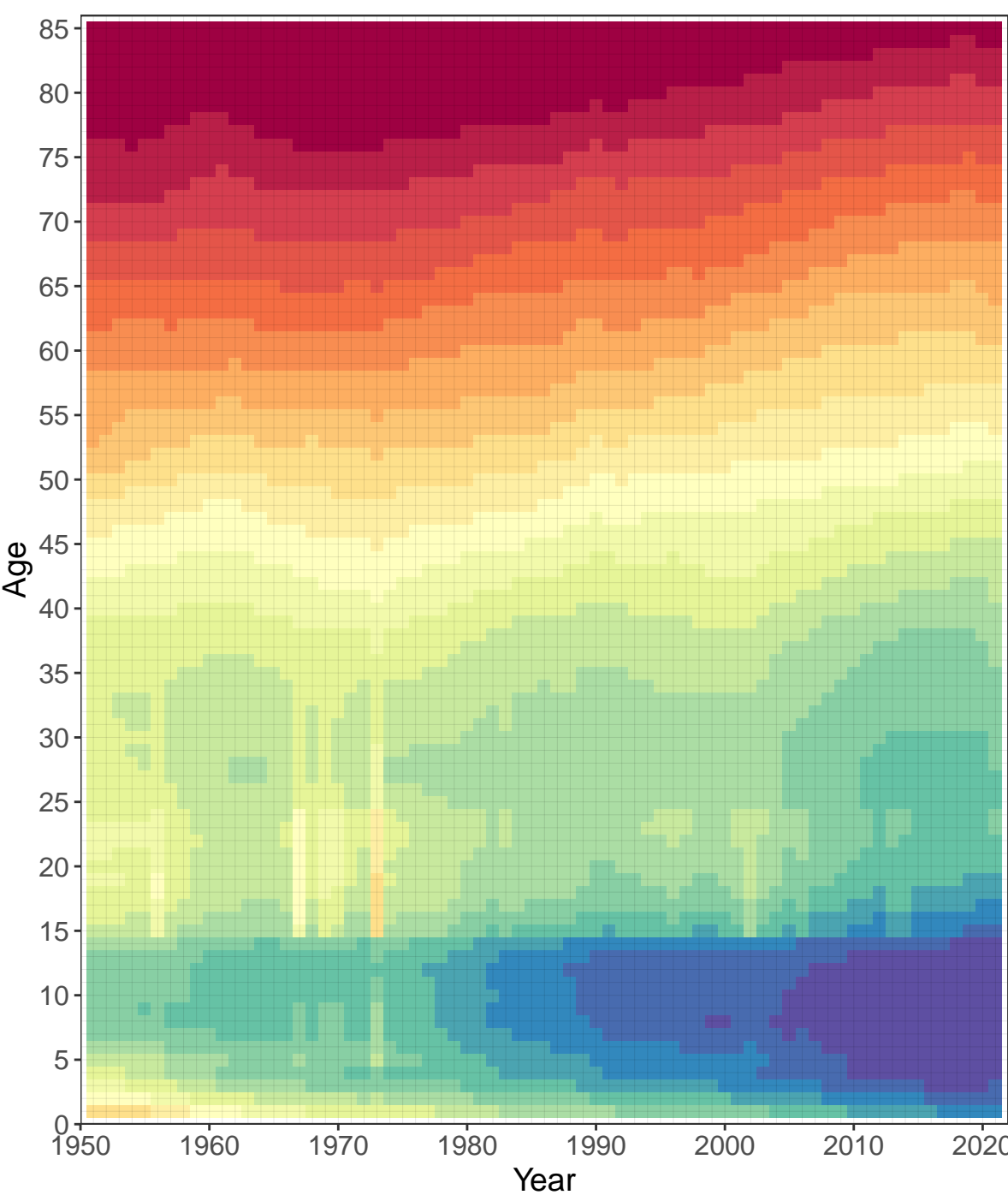


Appendix 2 Figure S4: Israel mortality rates, 1950–2023

Females

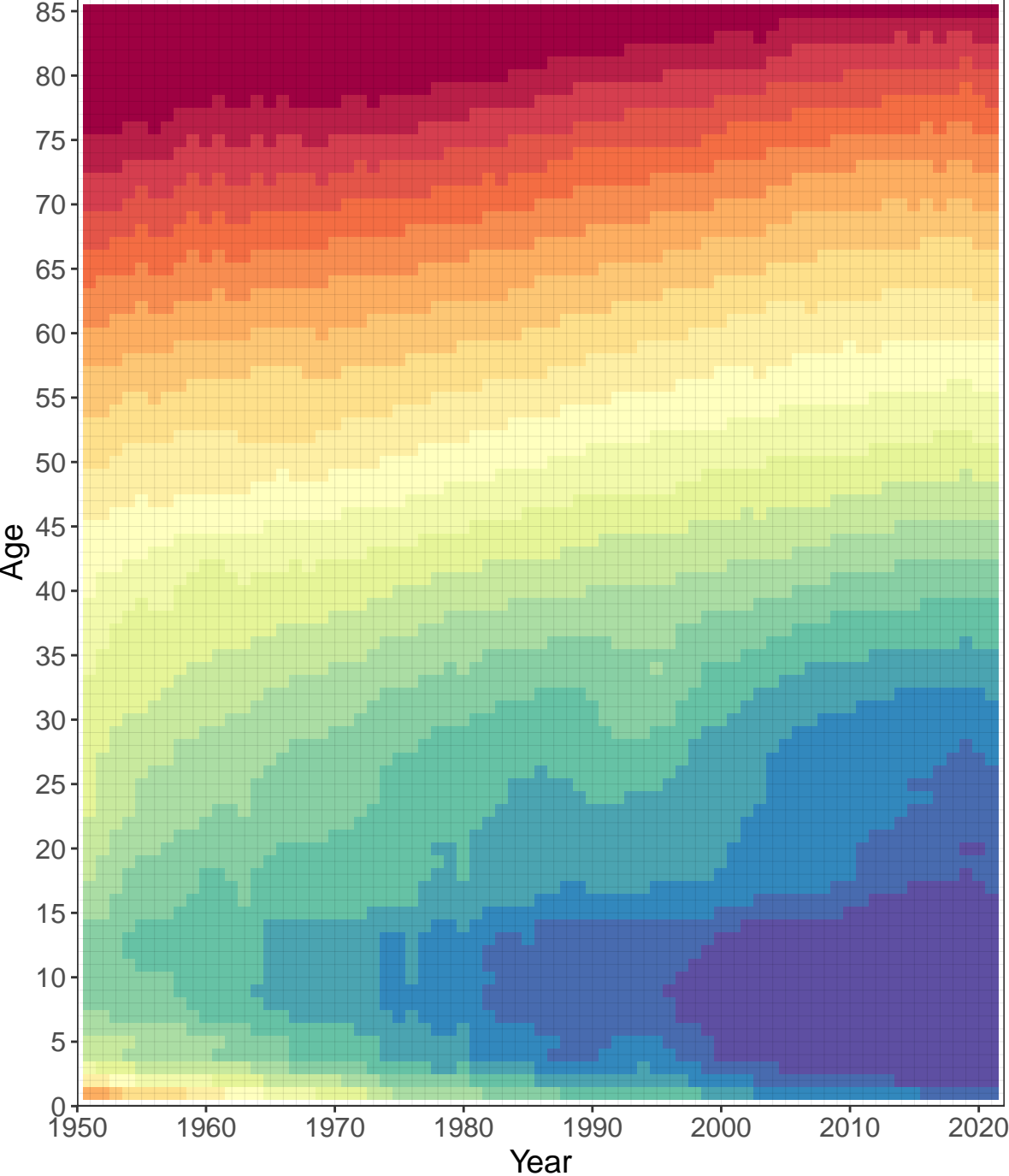


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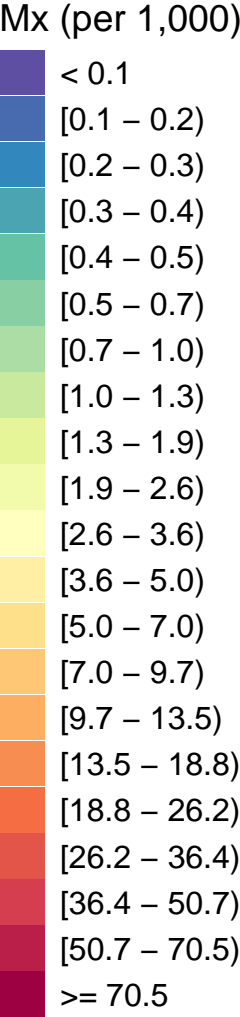
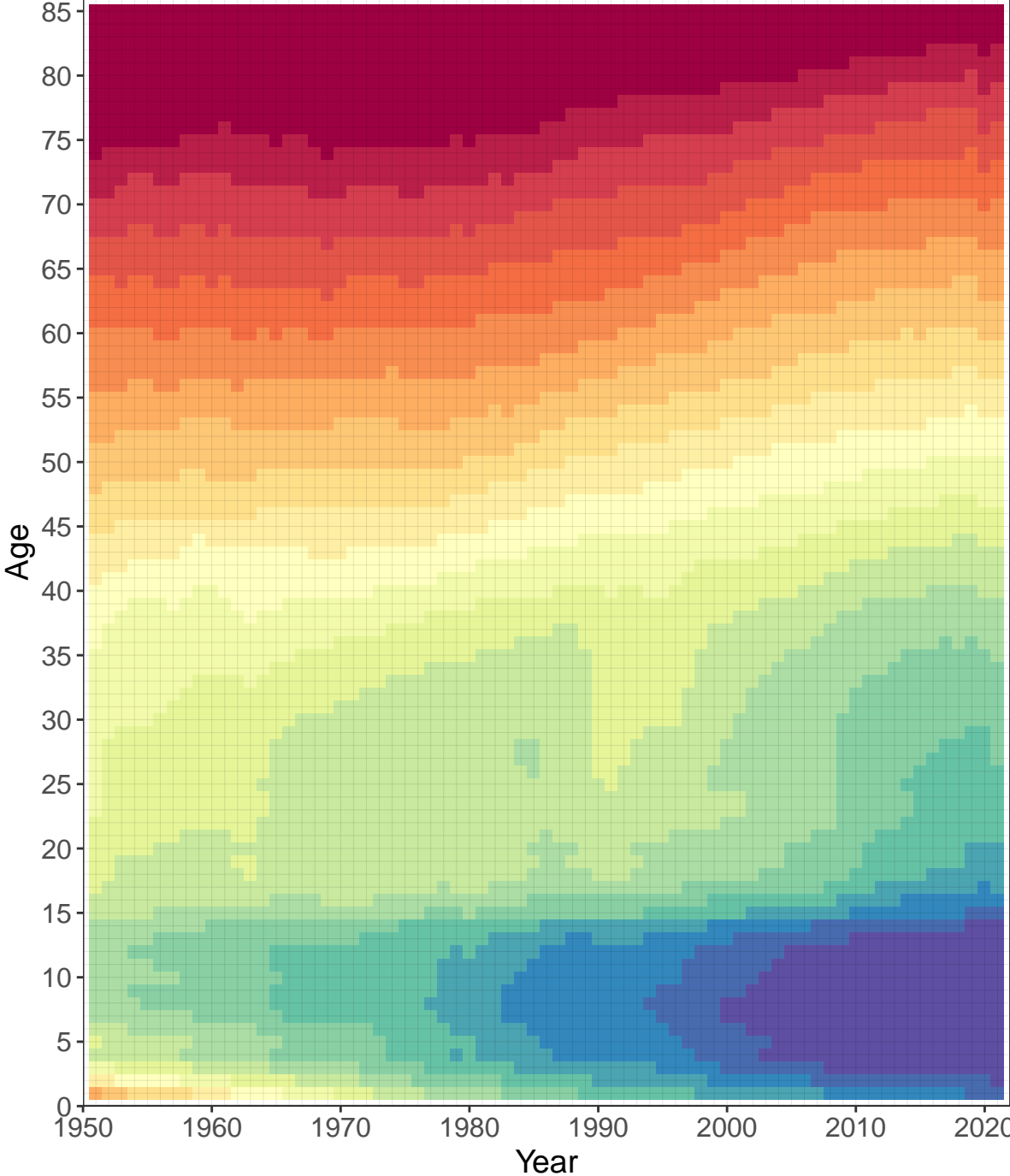


Appendix 2 Figure S4: Italy mortality rates, 1950–2023

Females

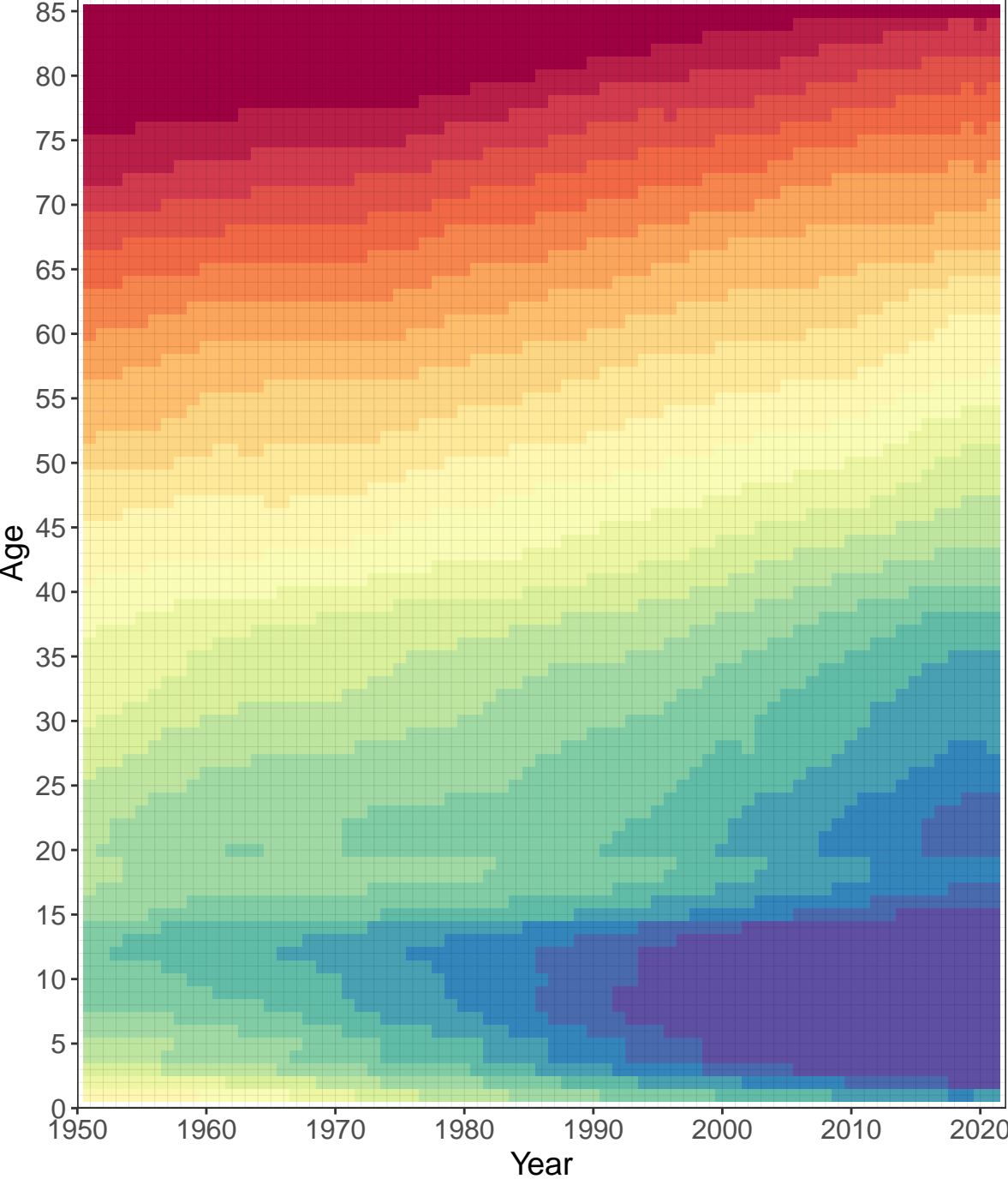


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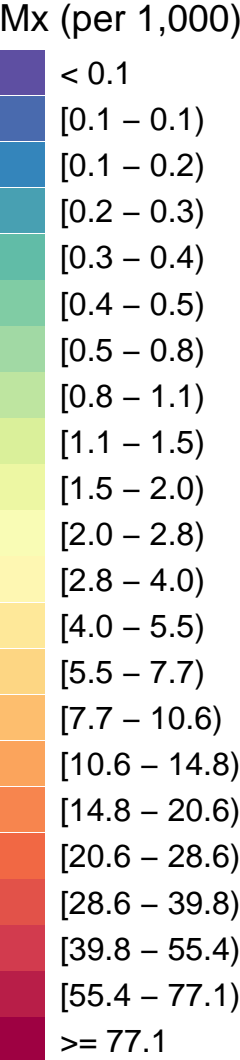
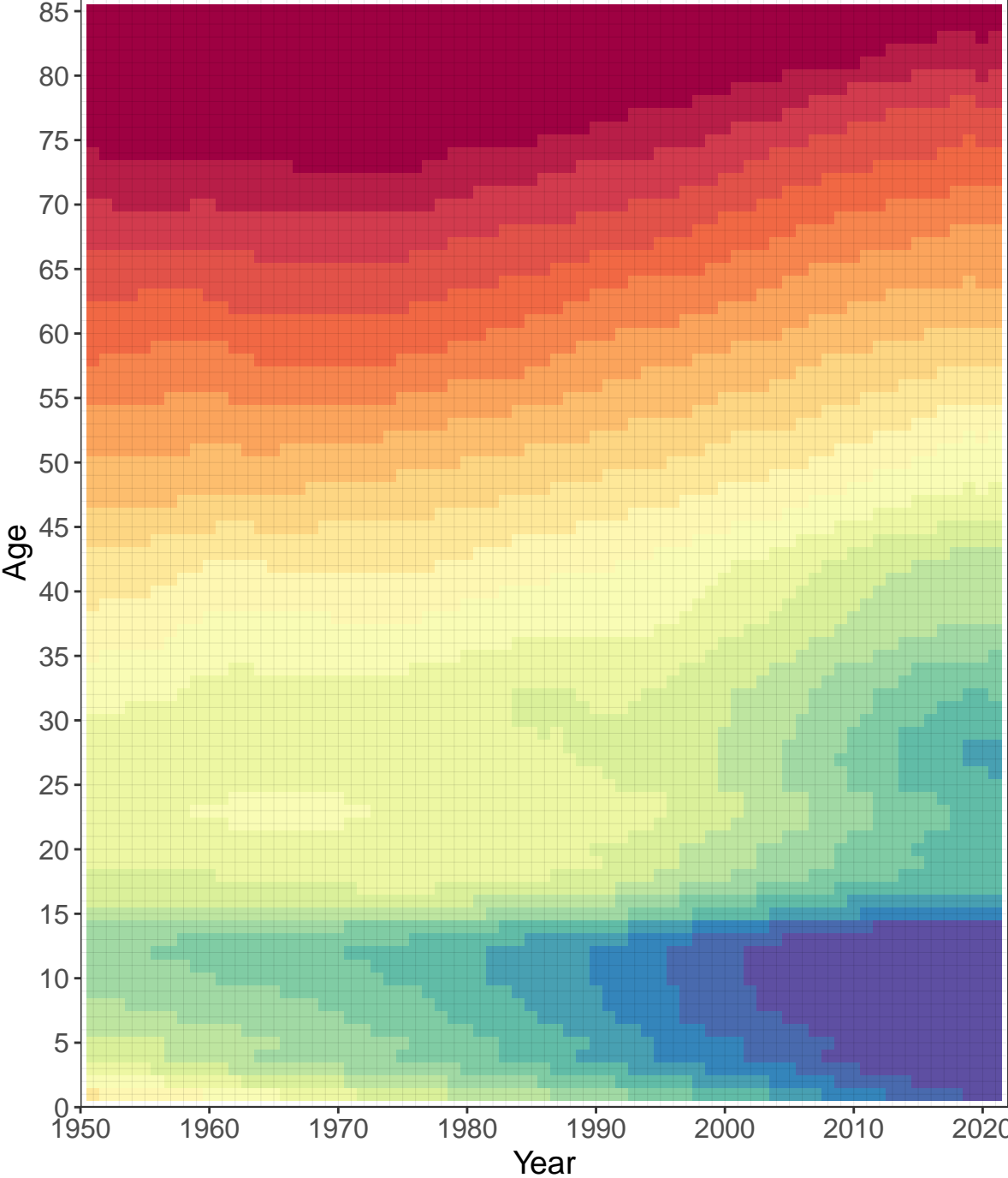


Appendix 2 Figure S4: Luxembourg mortality rates, 1950–2023

Females

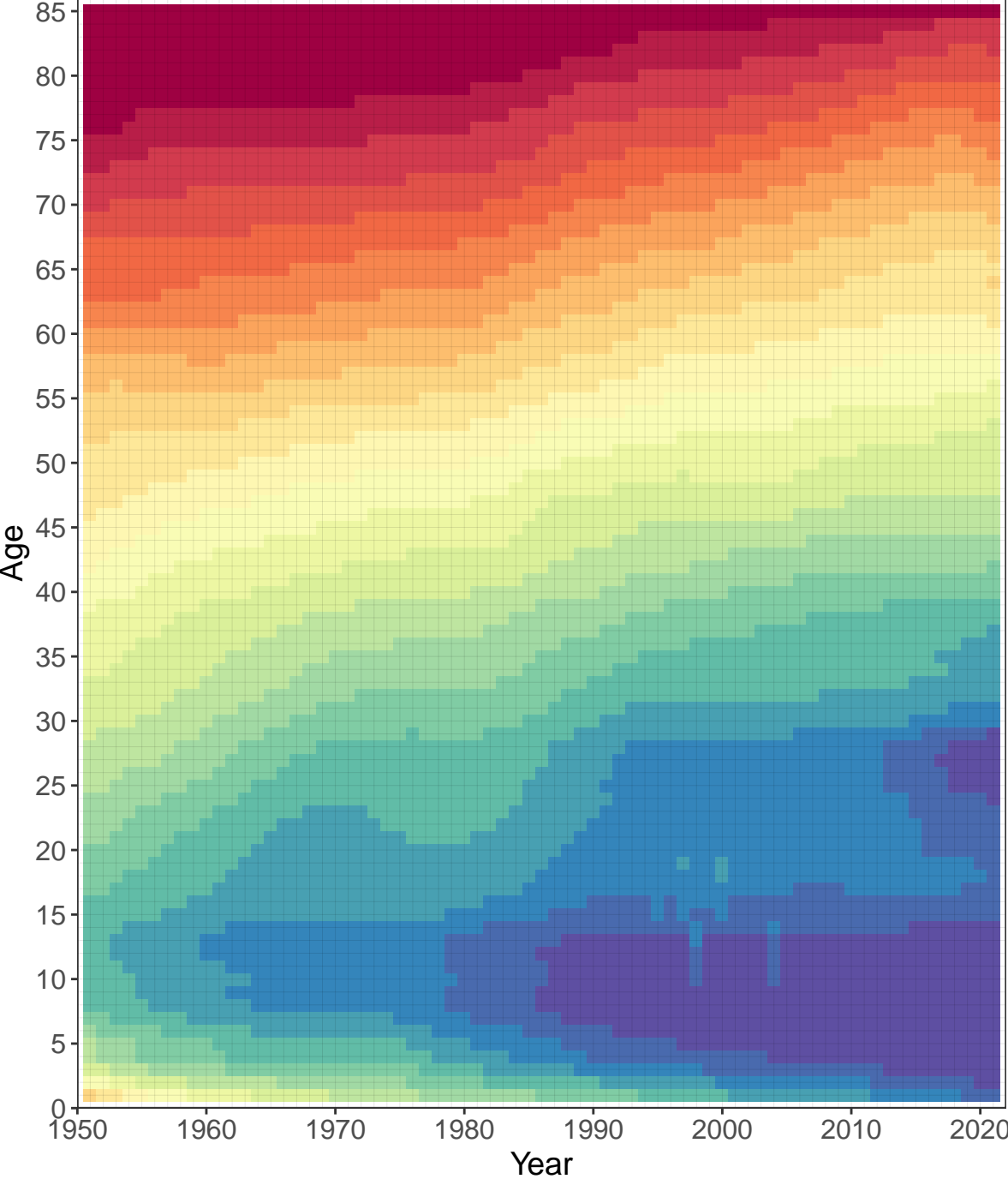


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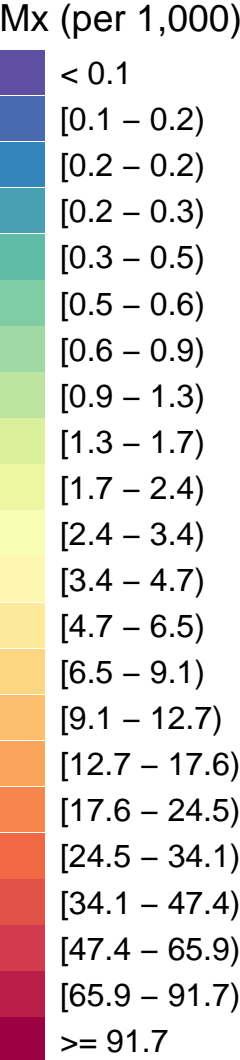
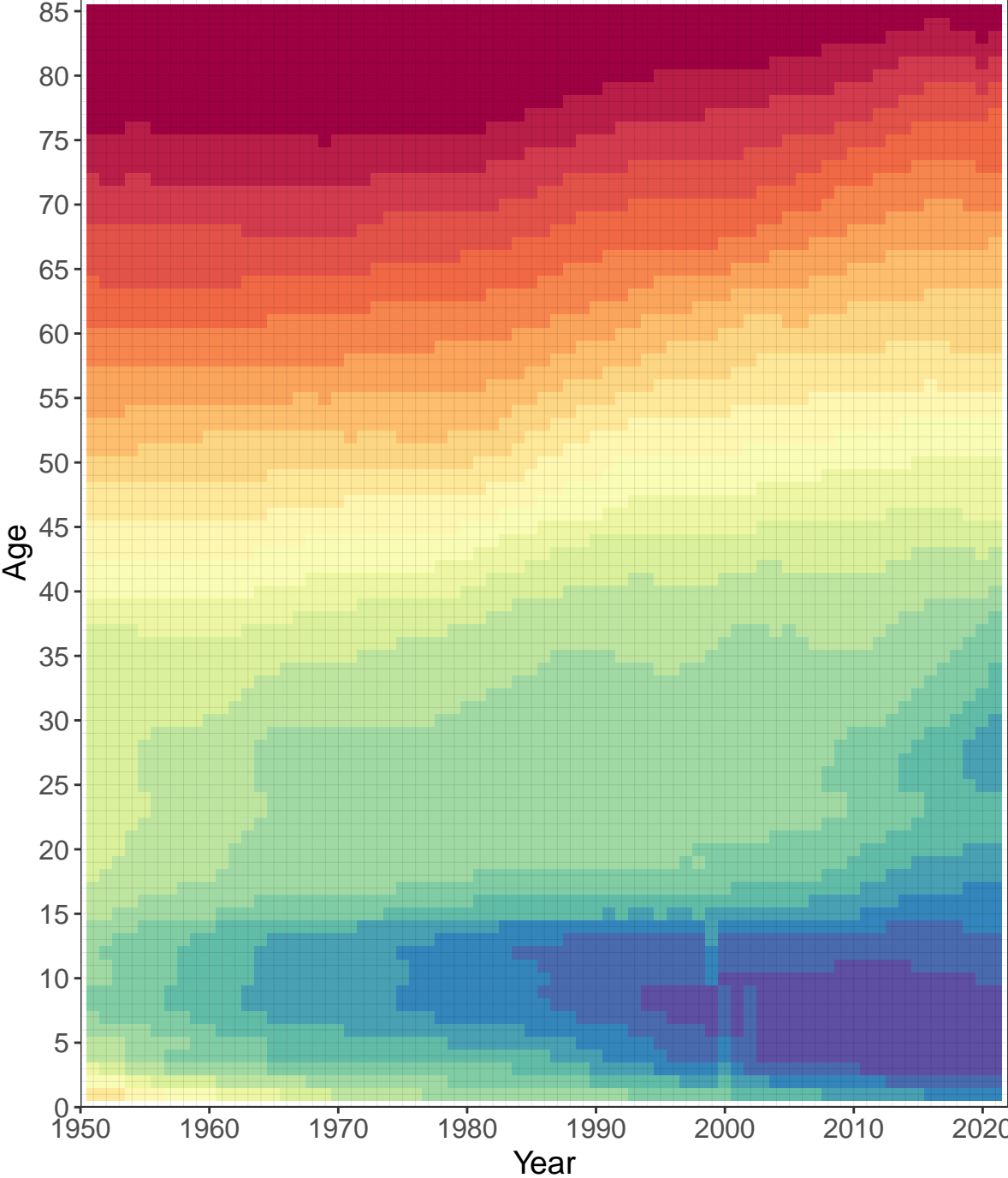


Appendix 2 Figure S4: Malta mortality rates, 1950–2023

Females

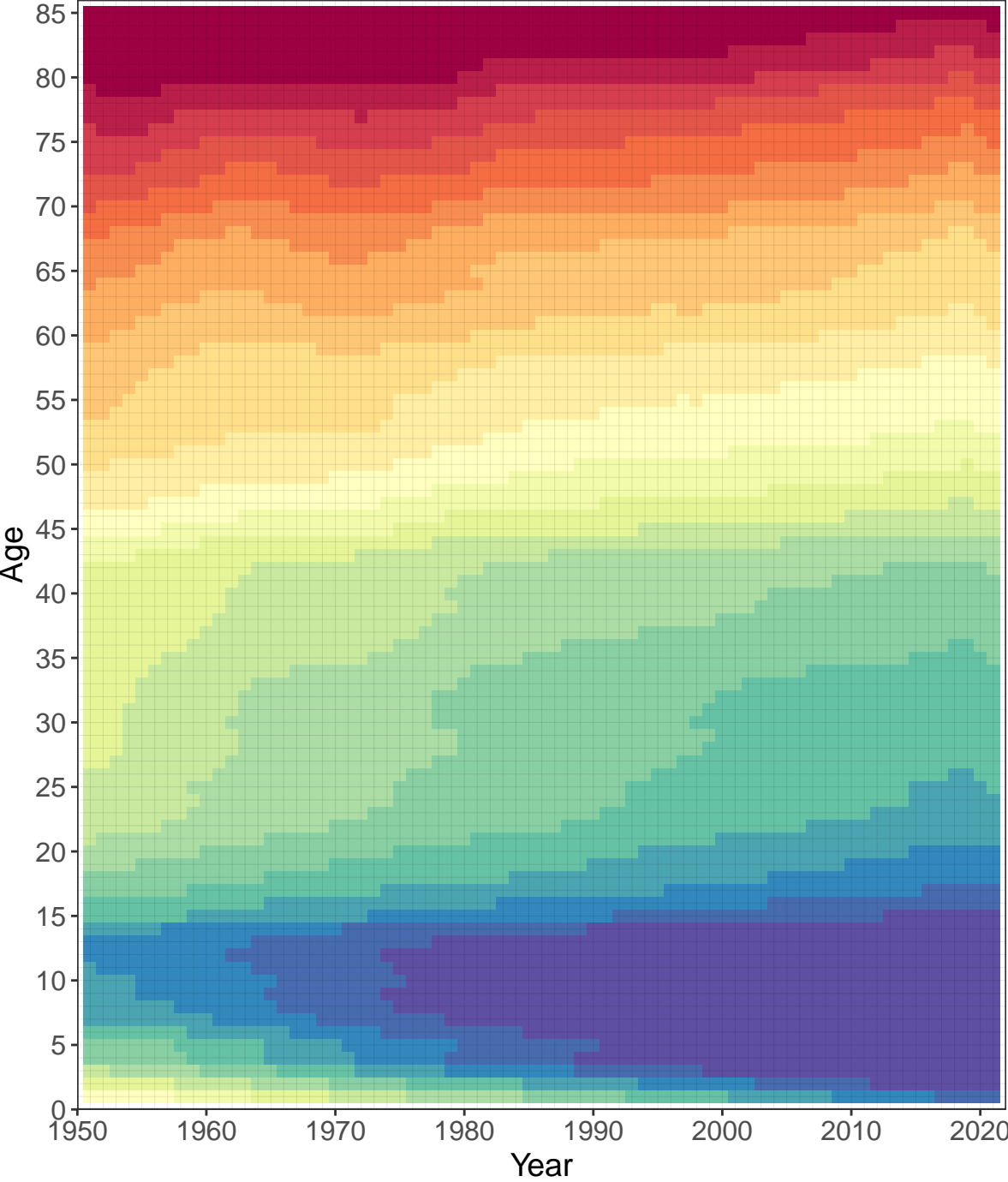


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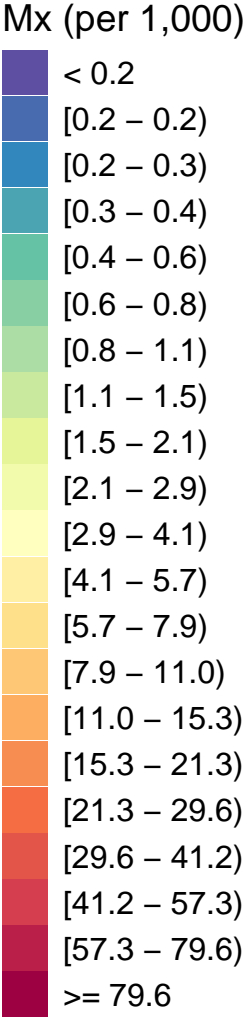
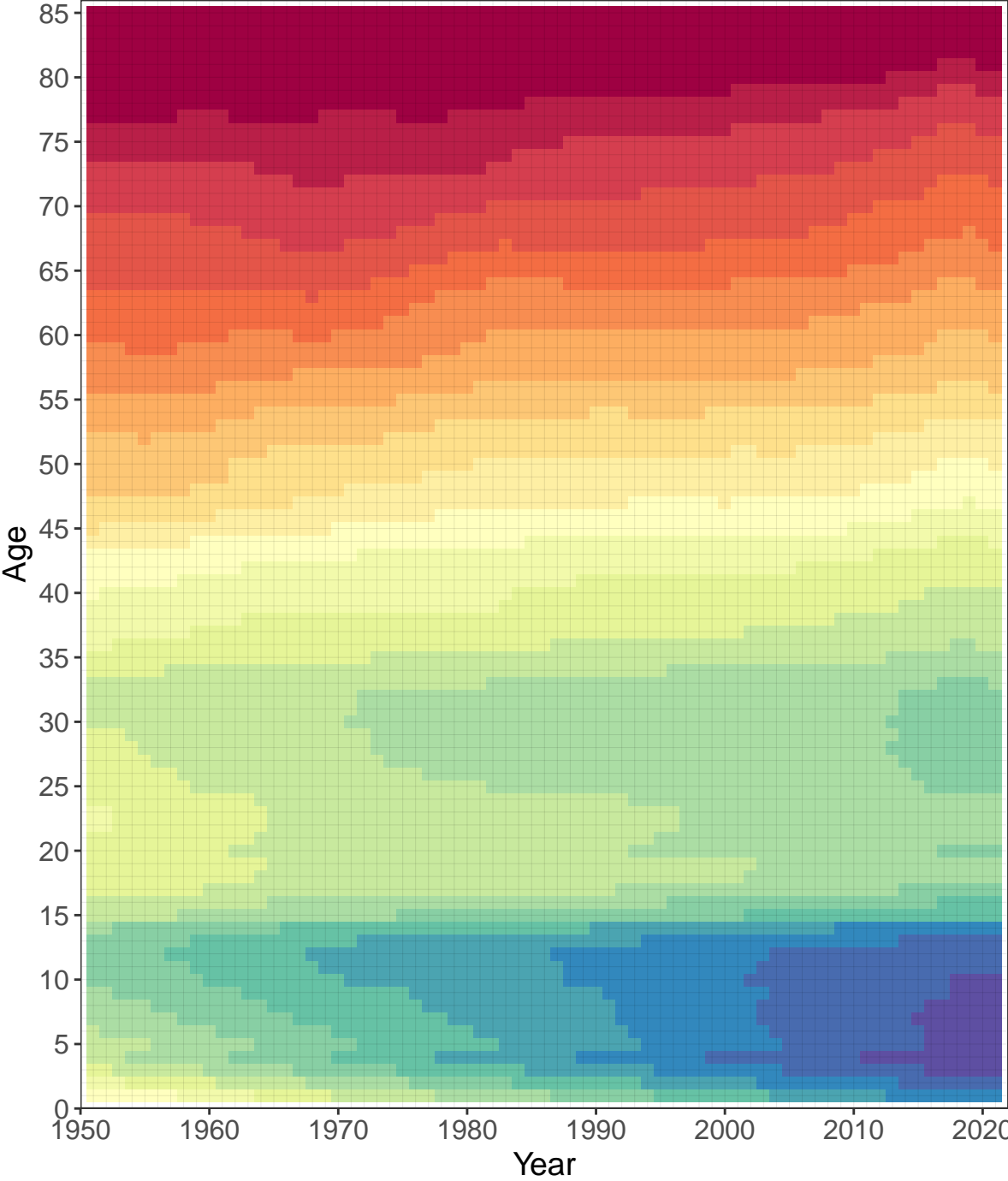


Appendix 2 Figure S4: Monaco mortality rates, 1950–2023

Females

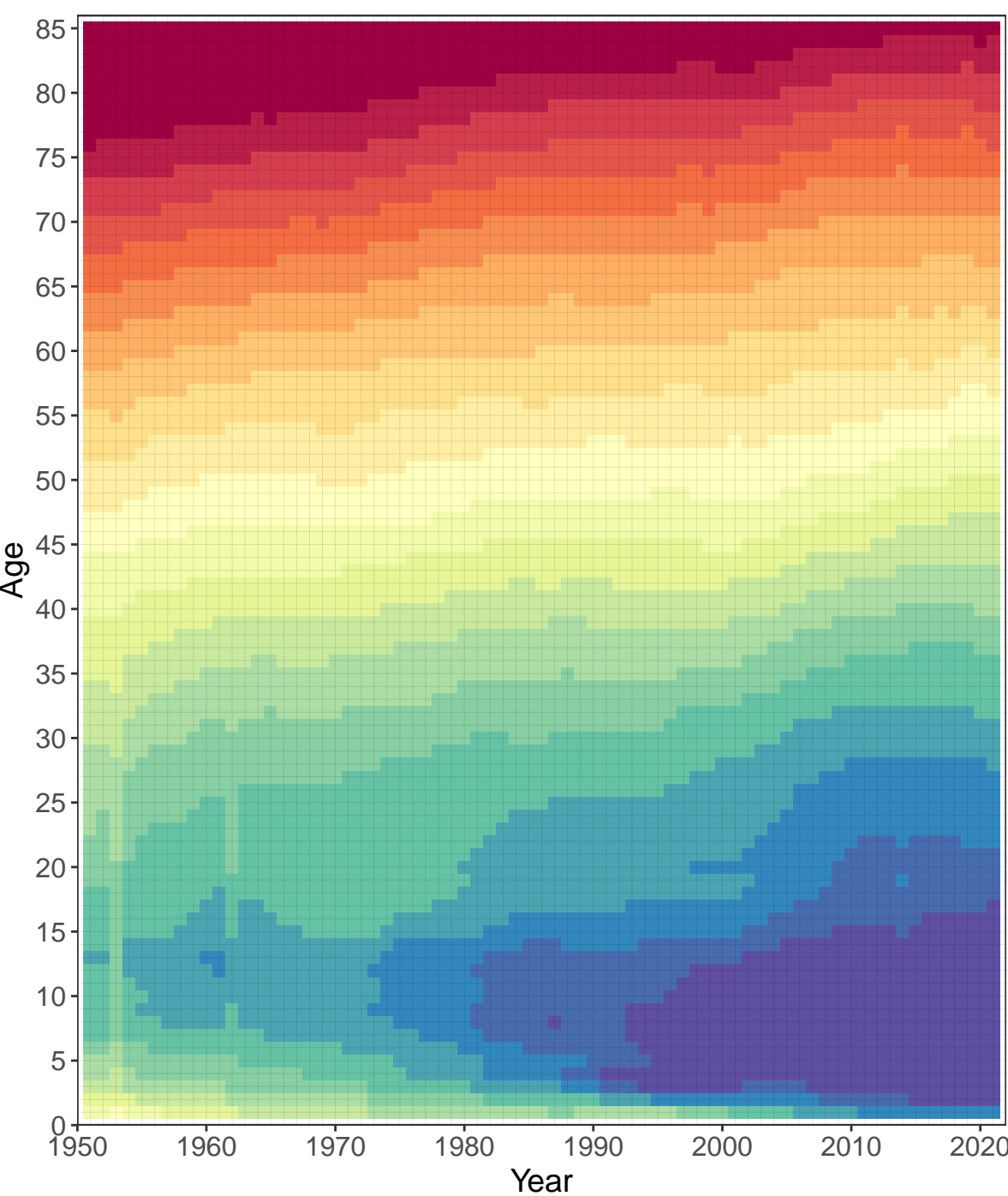


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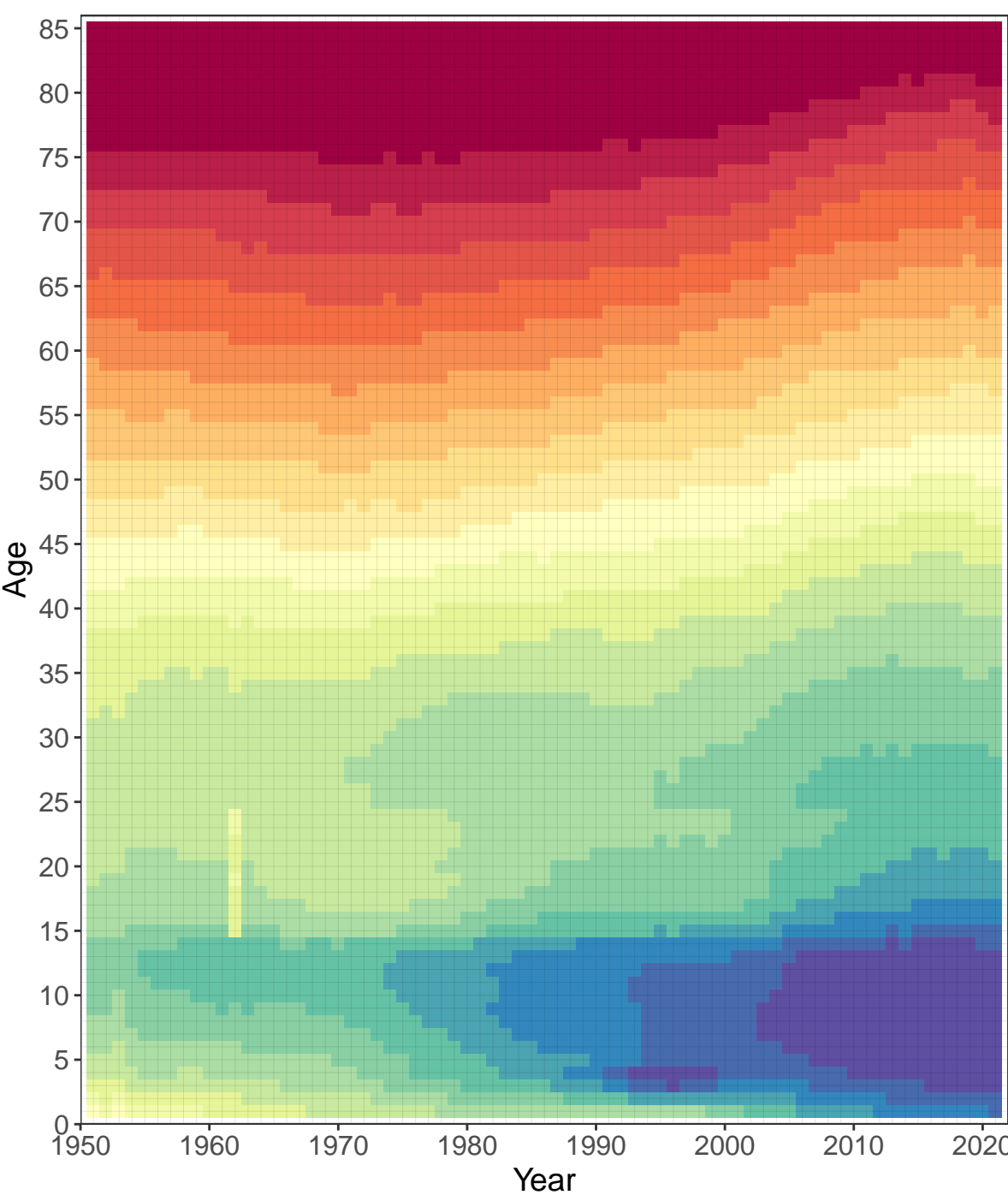


Appendix 2 Figure S4: Netherlands mortality rates, 1950–2023

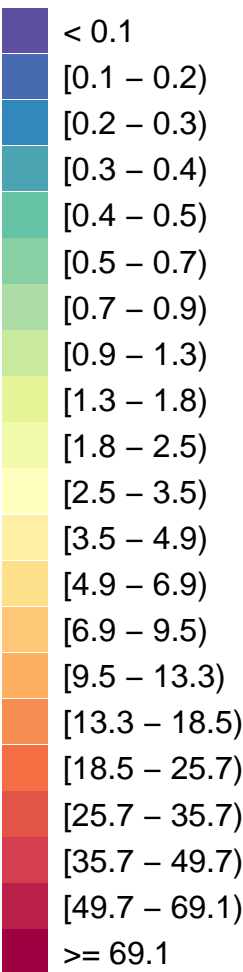
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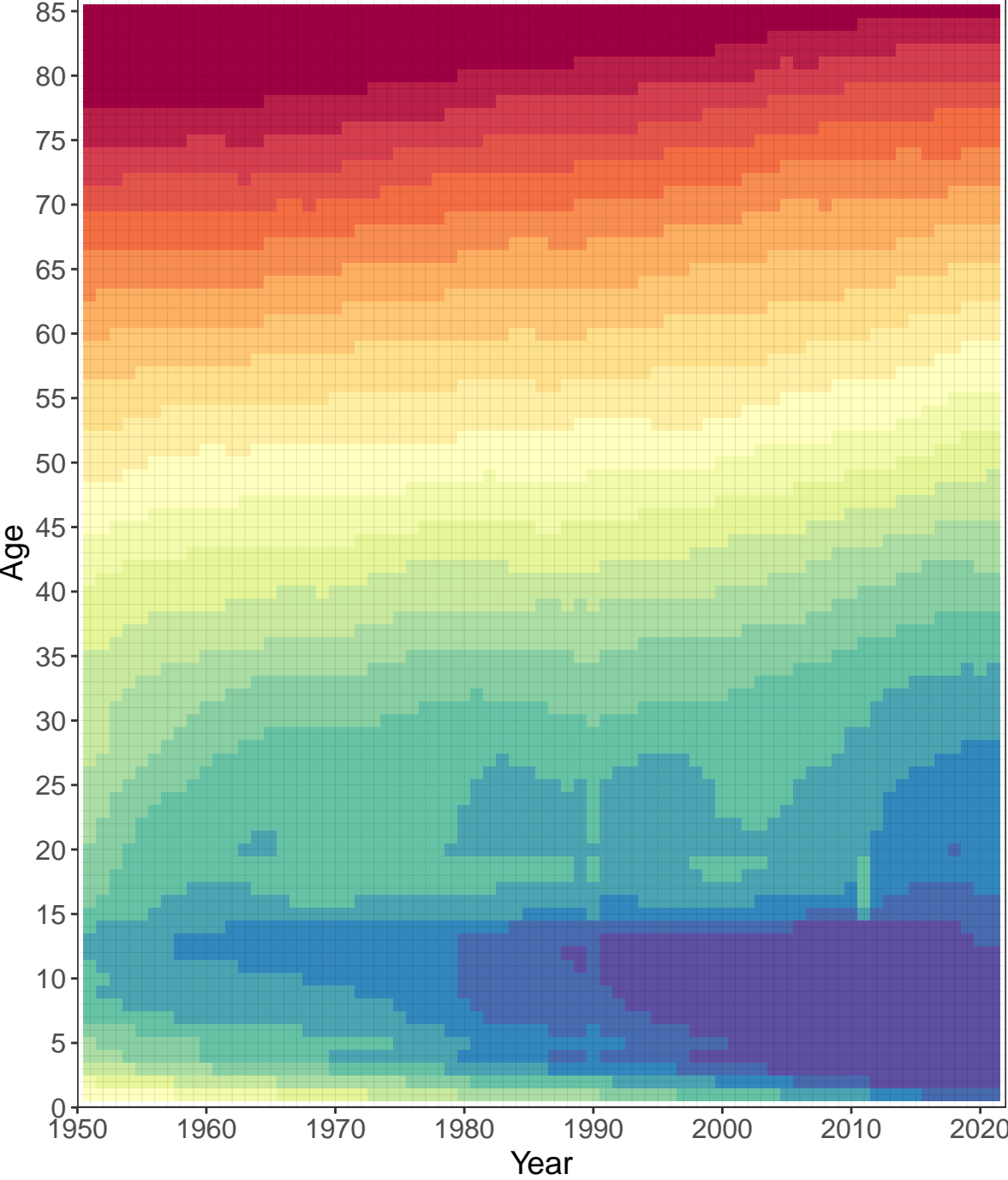


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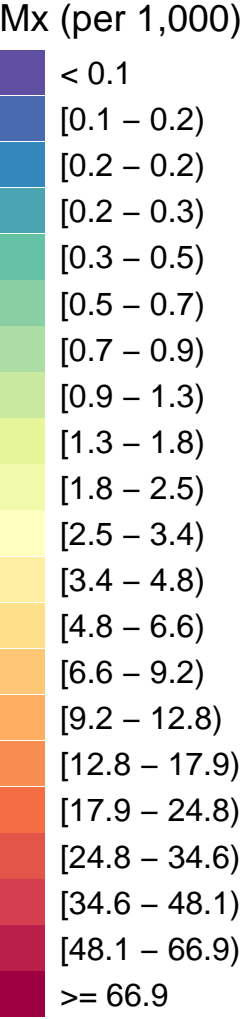
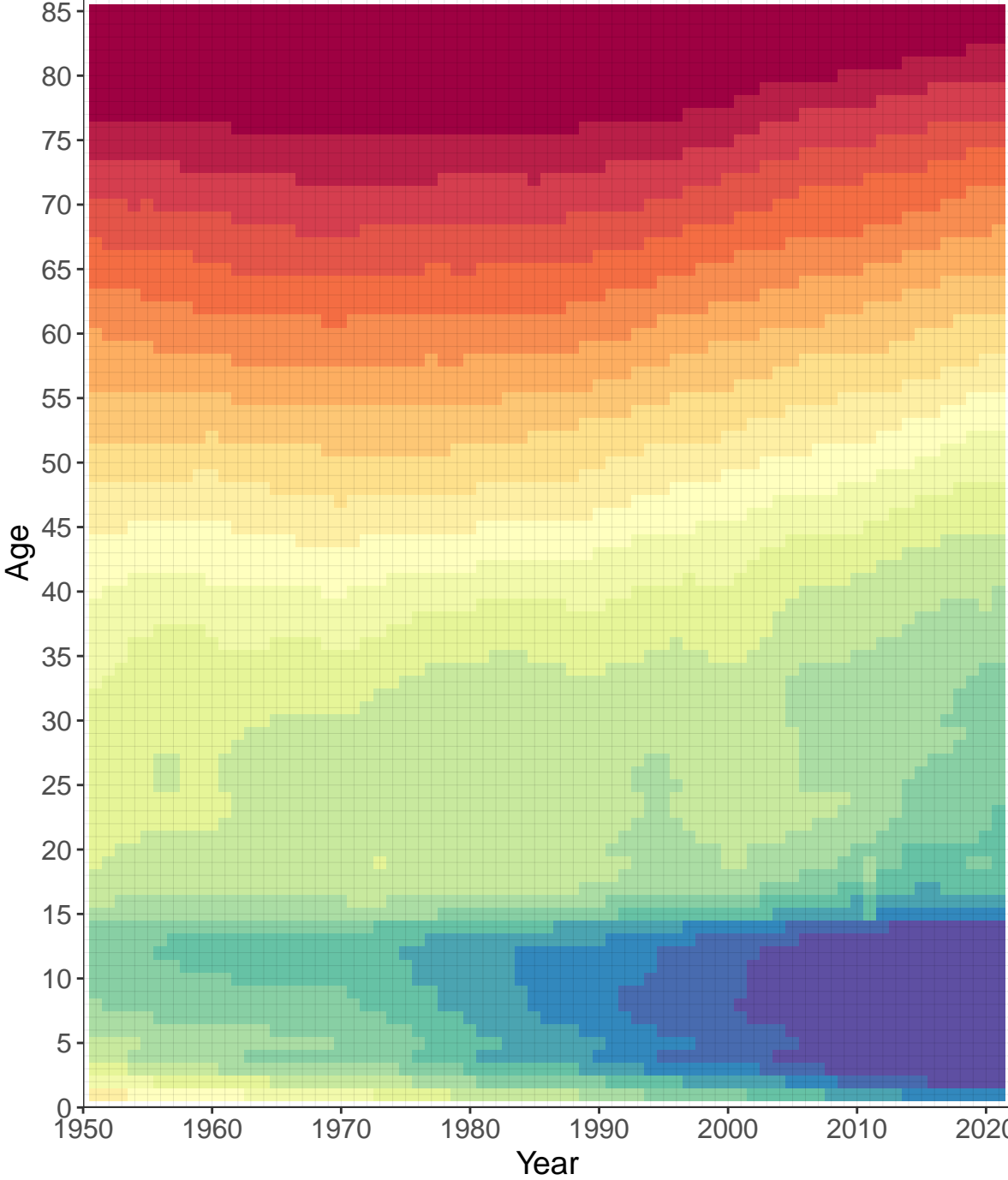


Appendix 2 Figure S4: Norway mortality rates, 1950–2023

Females

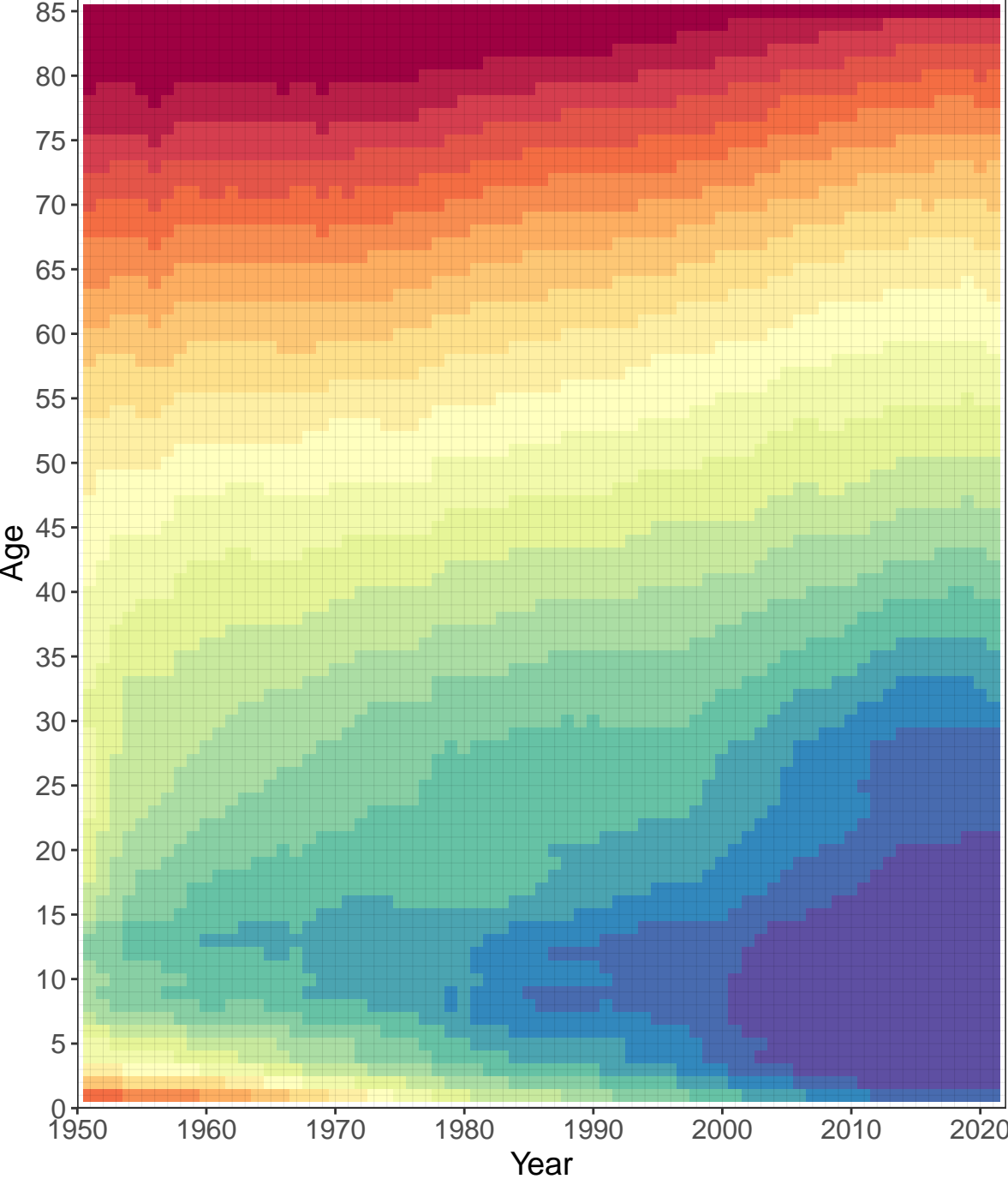


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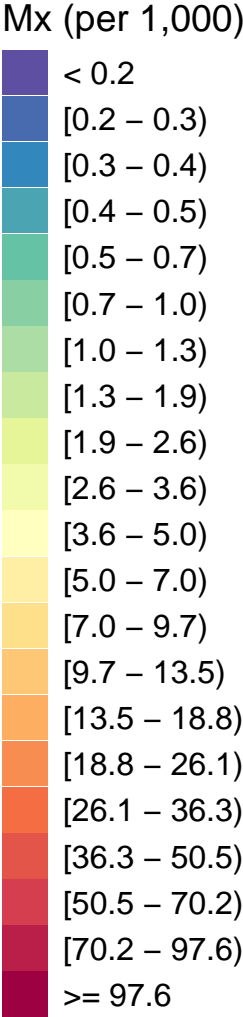
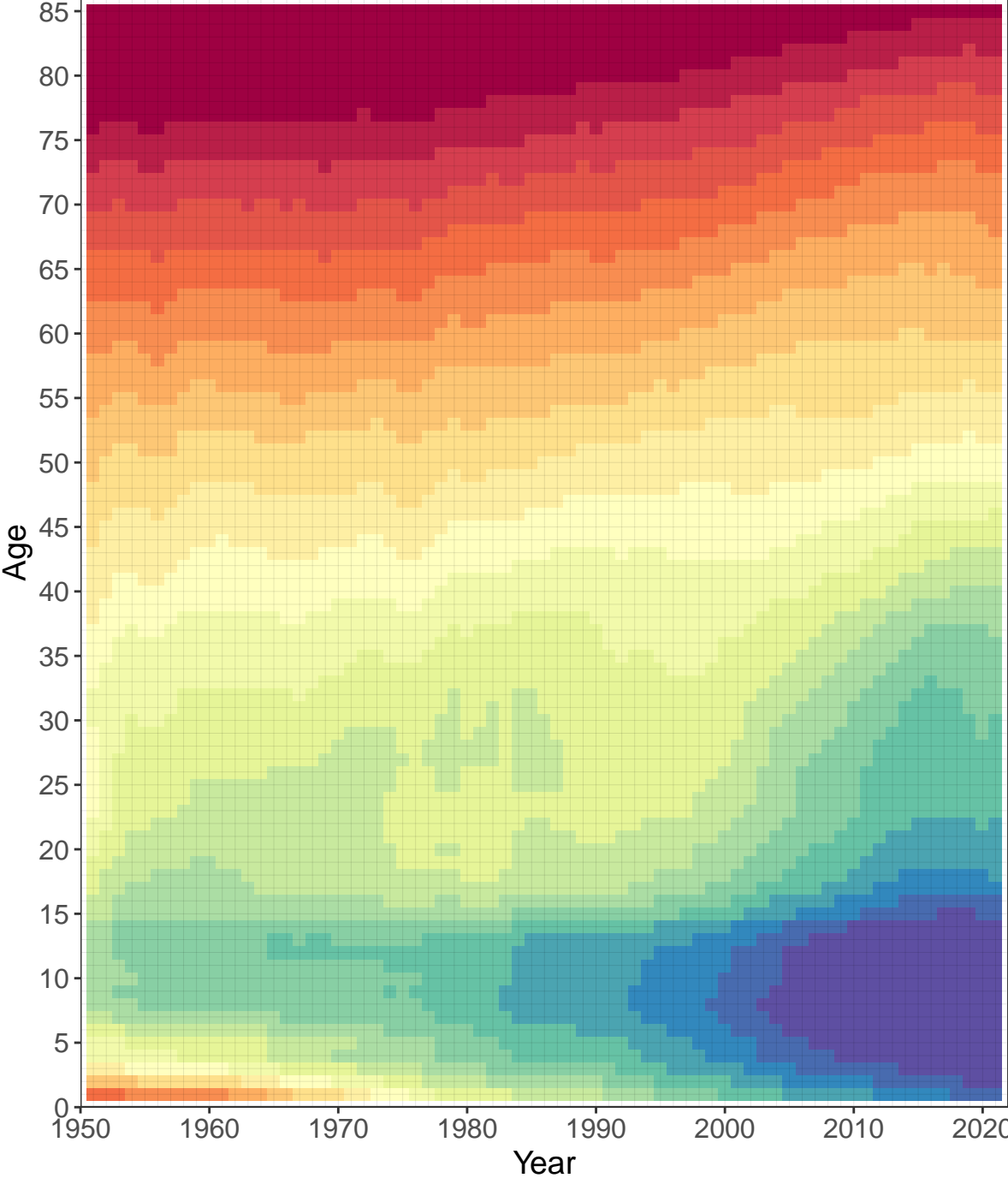


Appendix 2 Figure S4: Portugal mortality rates, 1950–2023

Females

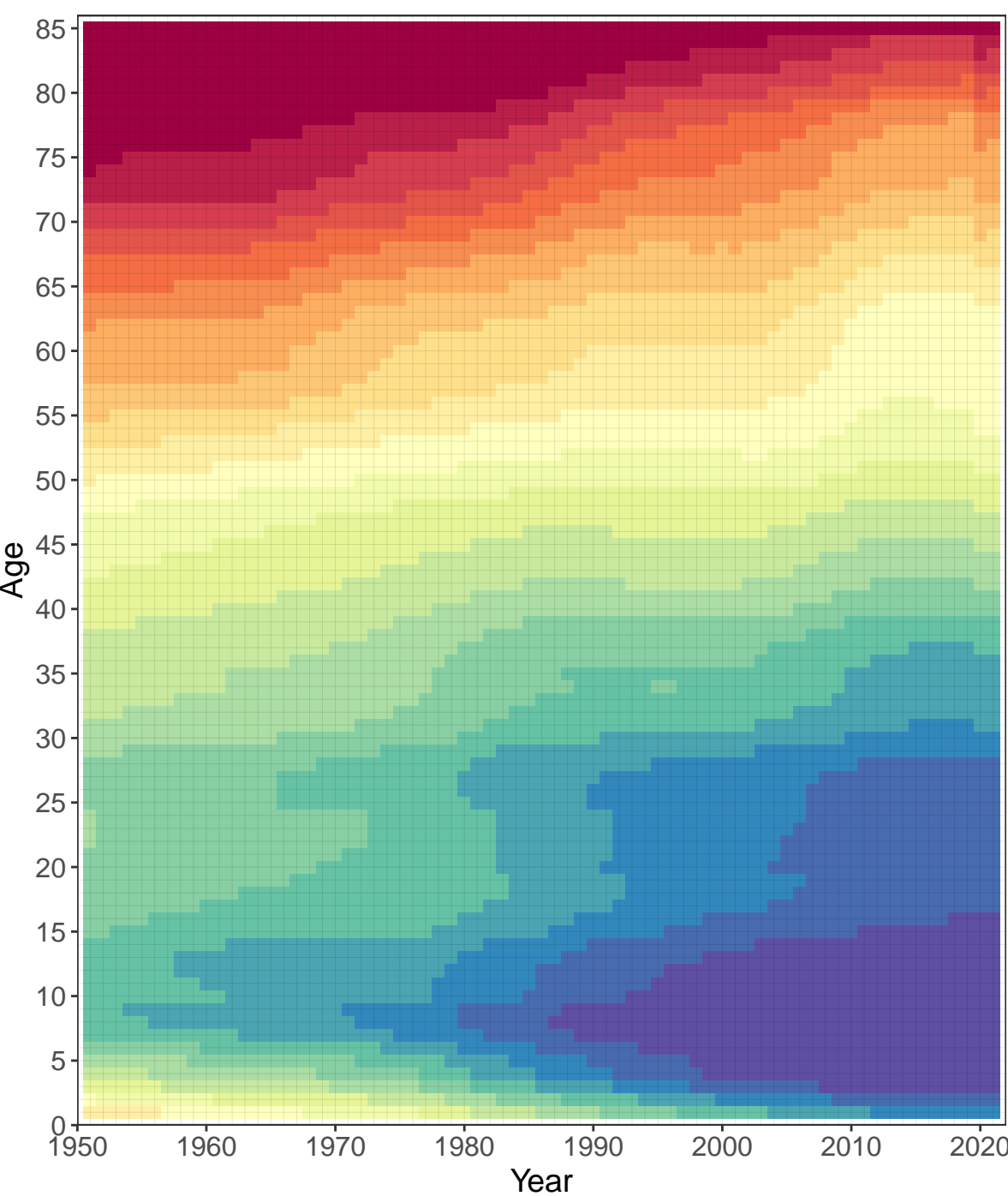


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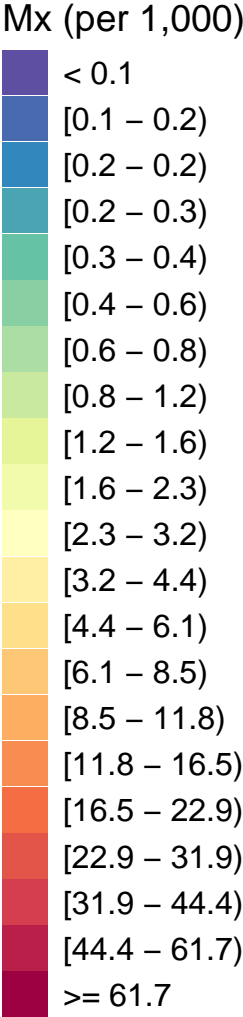
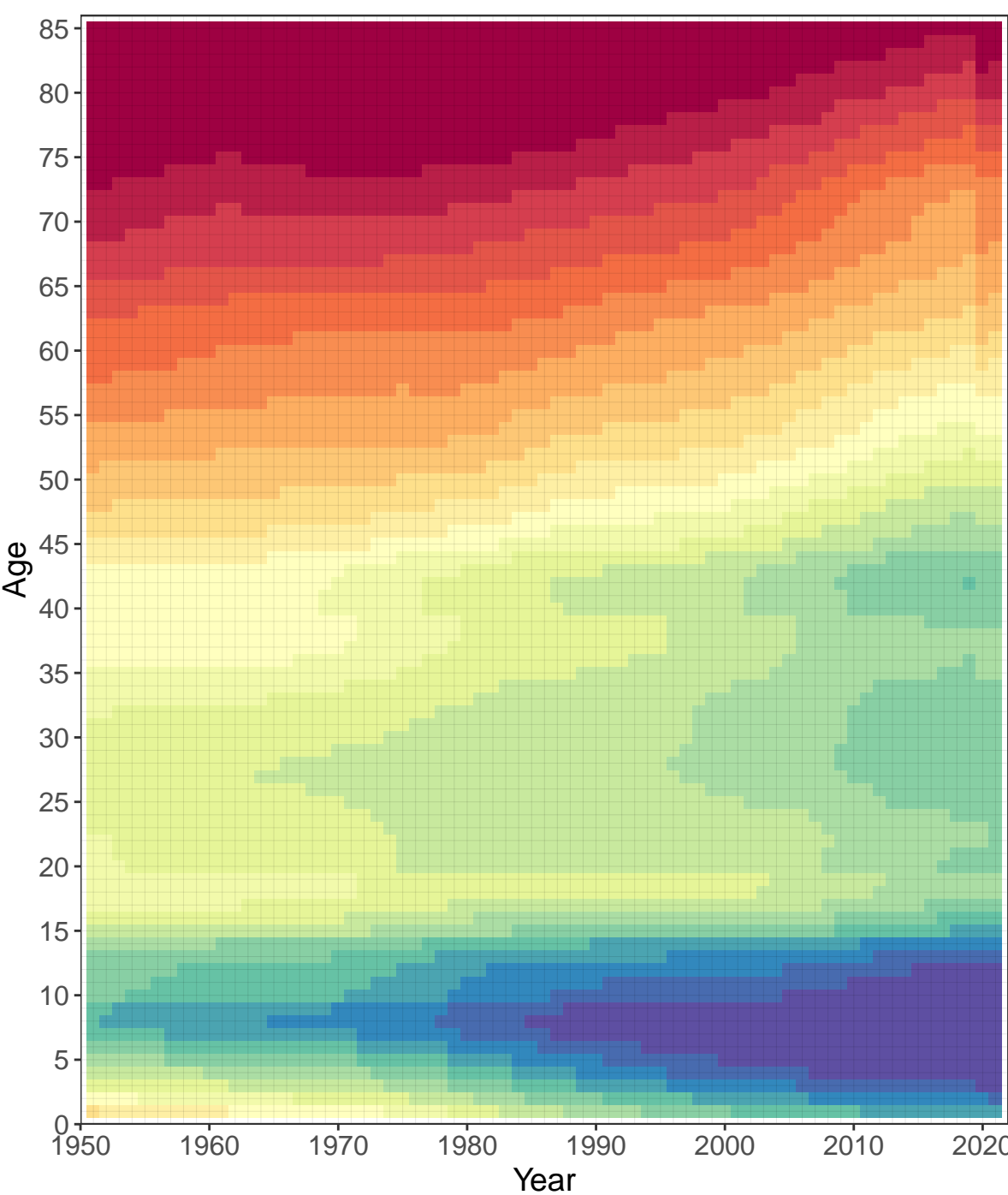


Appendix 2 Figure S4: San Marino mortality rates, 1950–2023

Females

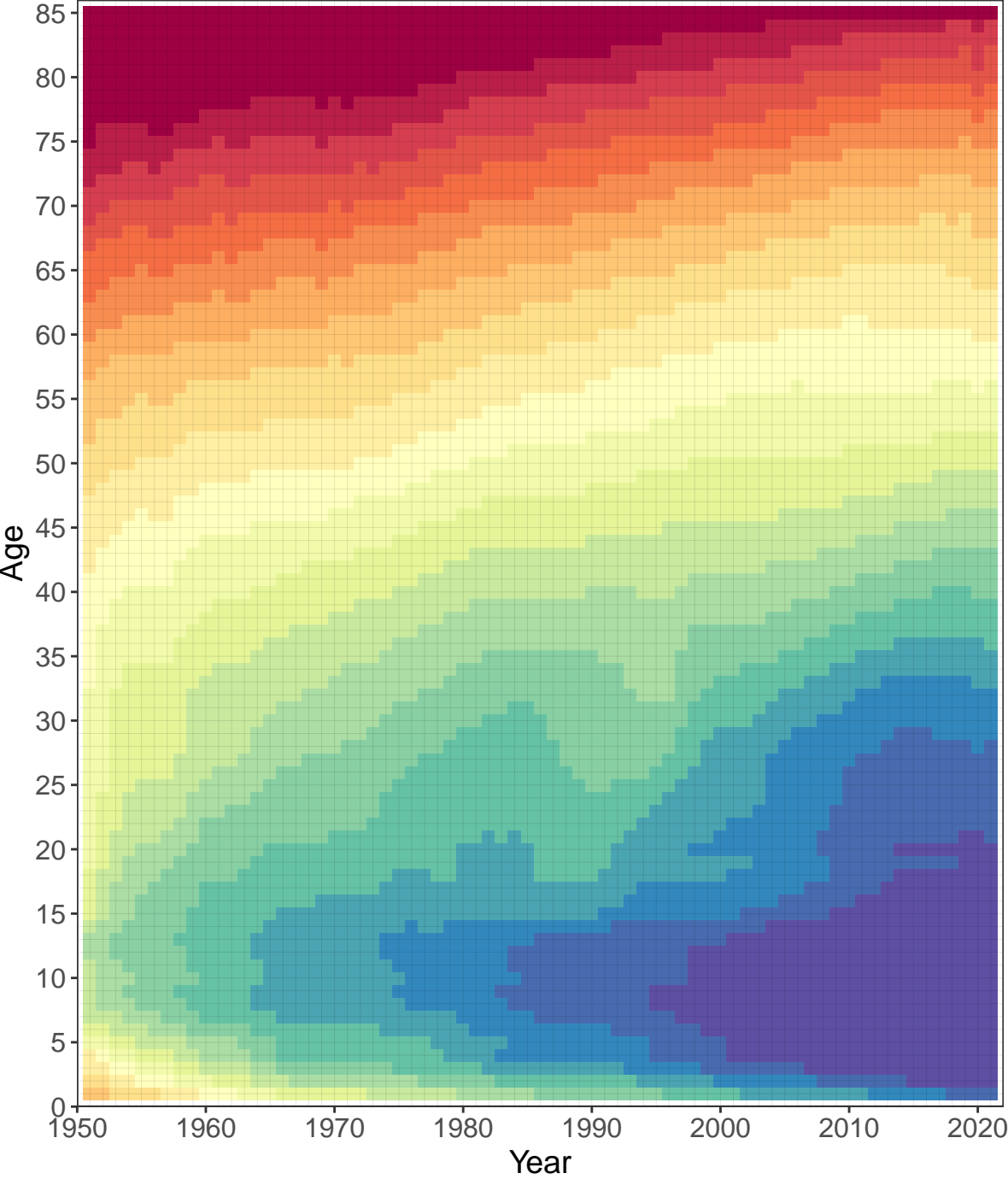


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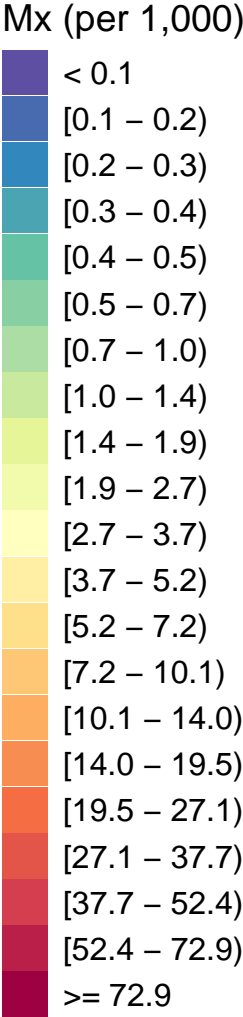
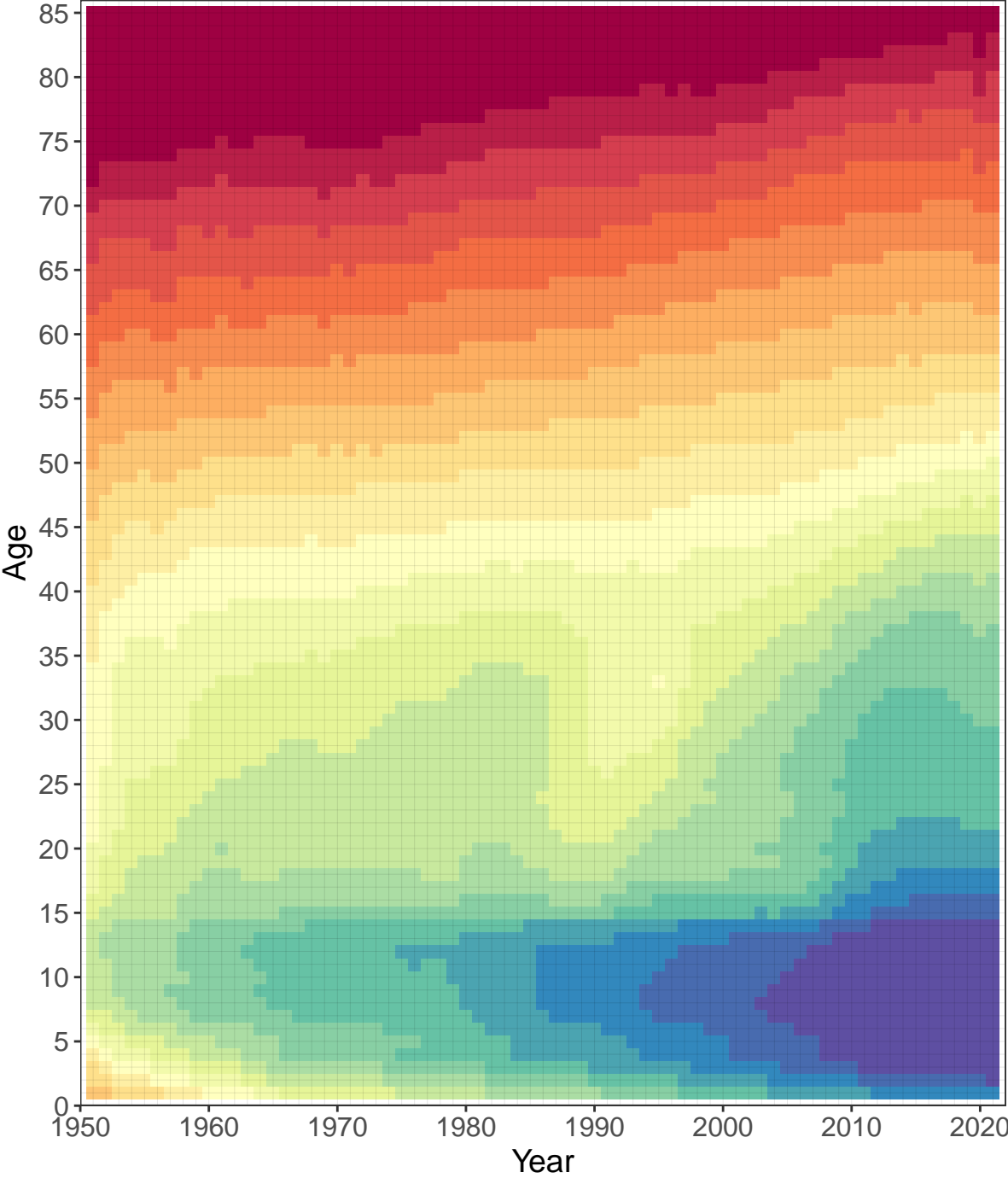


Appendix 2 Figure S4: Spain mortality rates, 1950–2023

Females

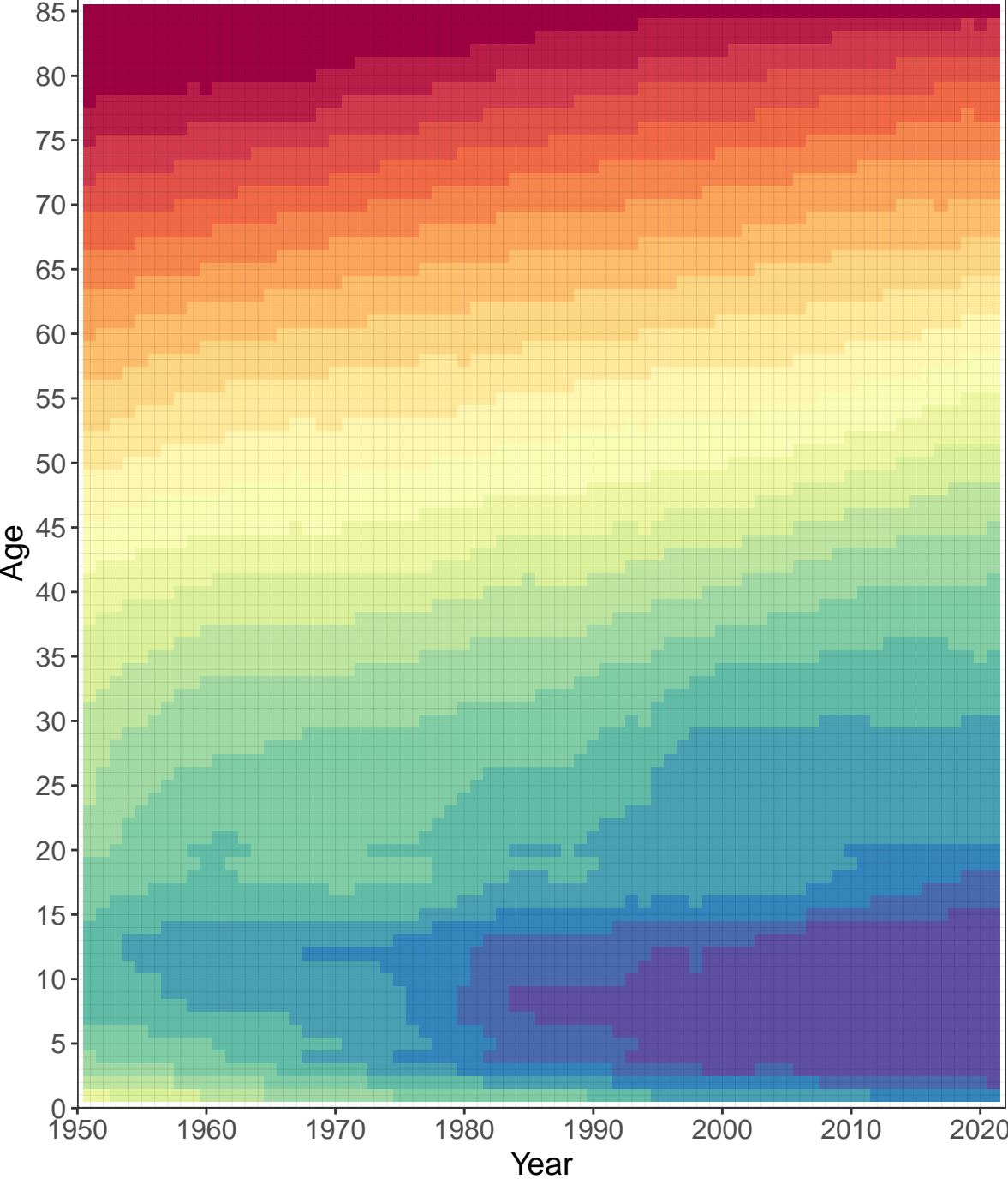


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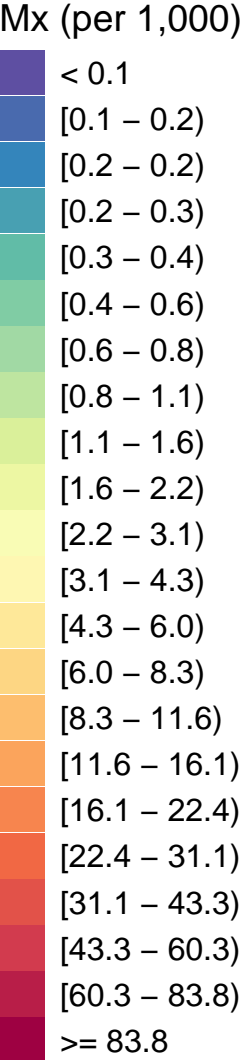
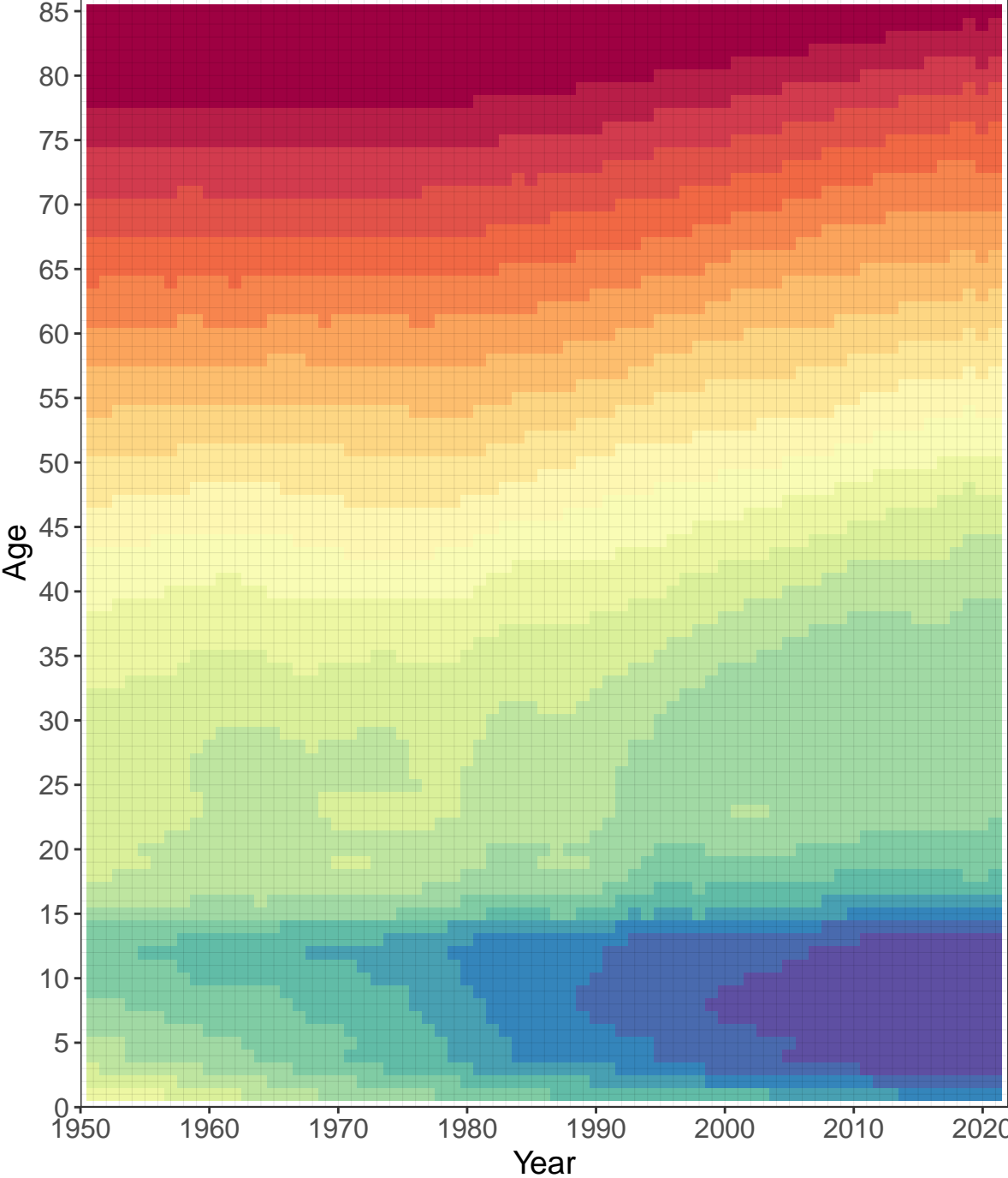


Appendix 2 Figure S4: Sweden mortality rates, 1950–2023

Females

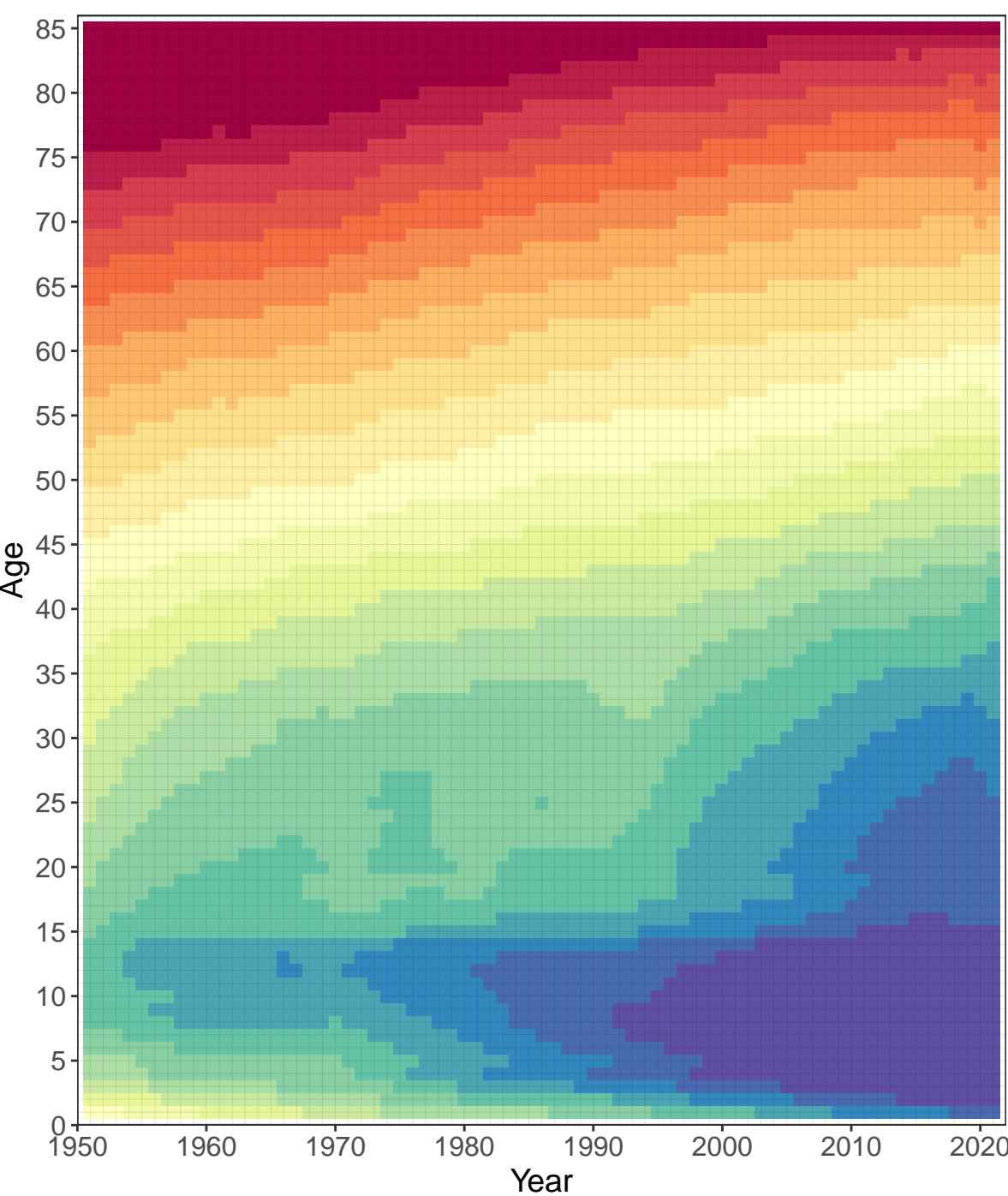


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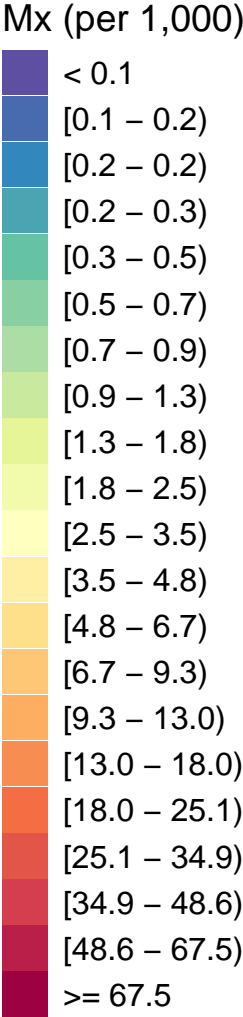
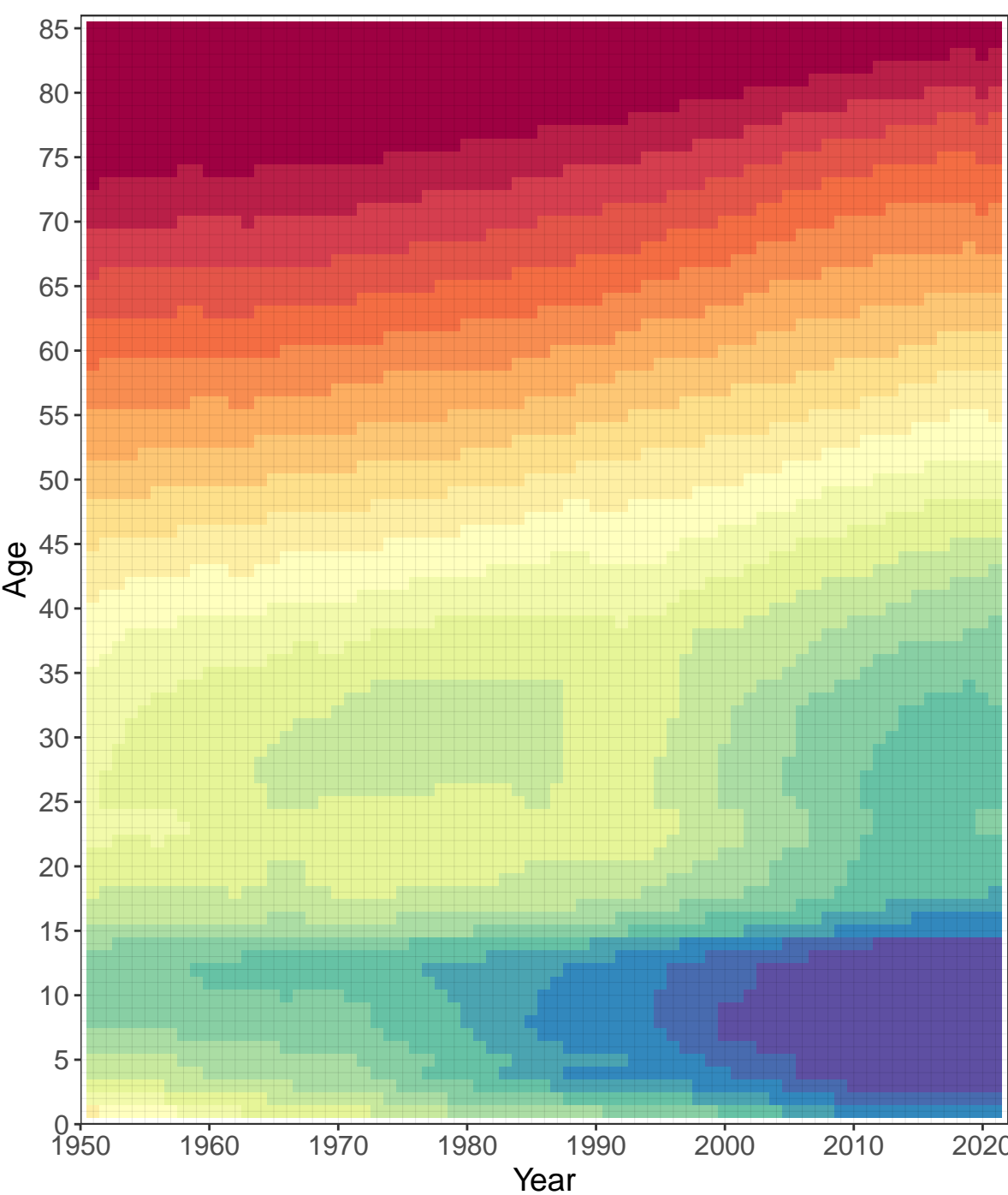


Appendix 2 Figure S4: Switzerland mortality rates, 1950–2023

Females

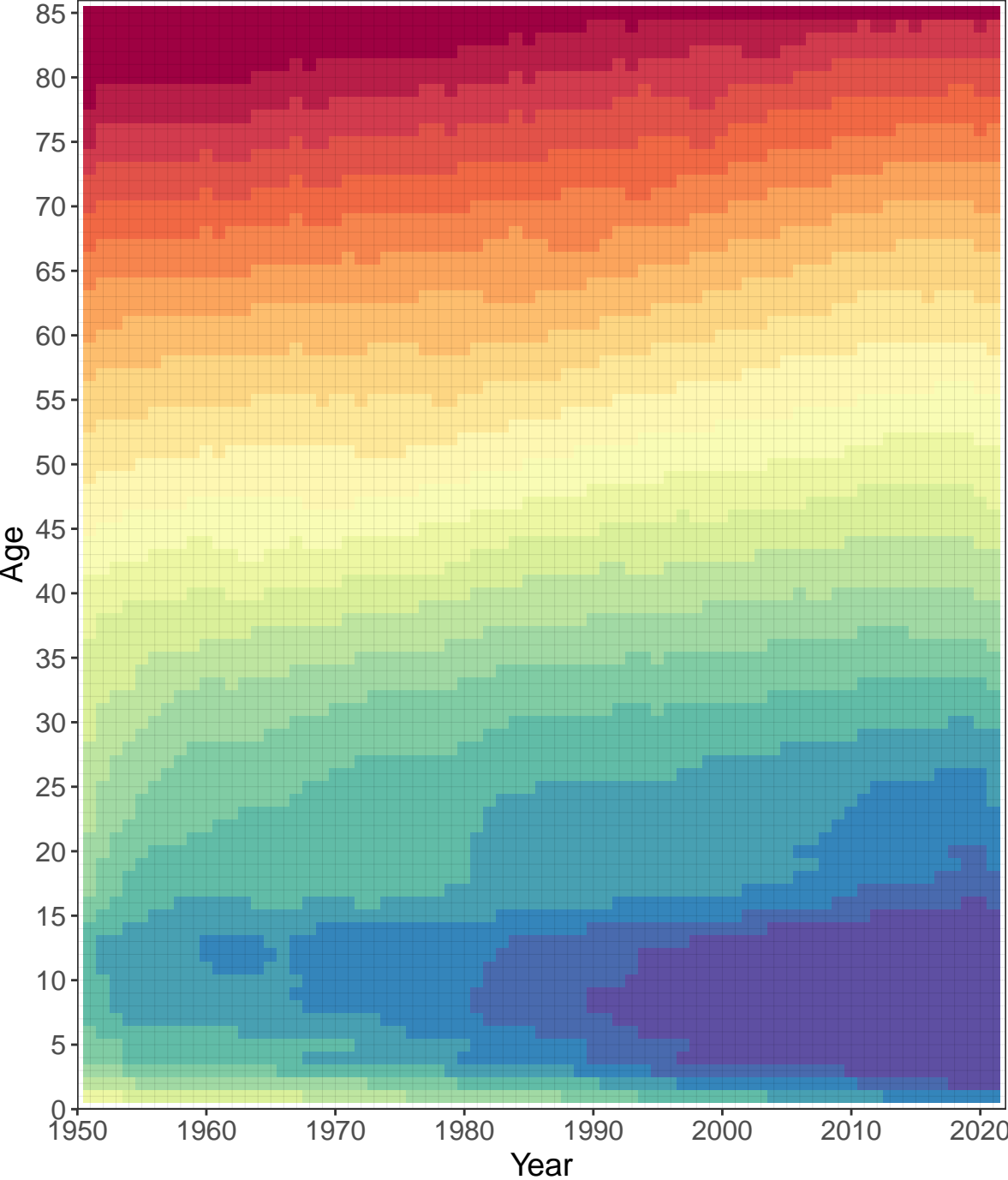


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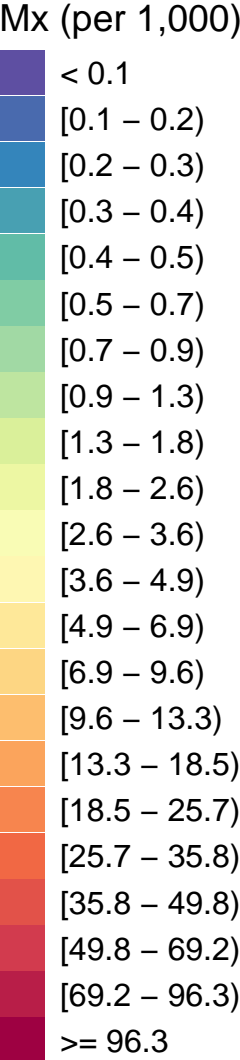
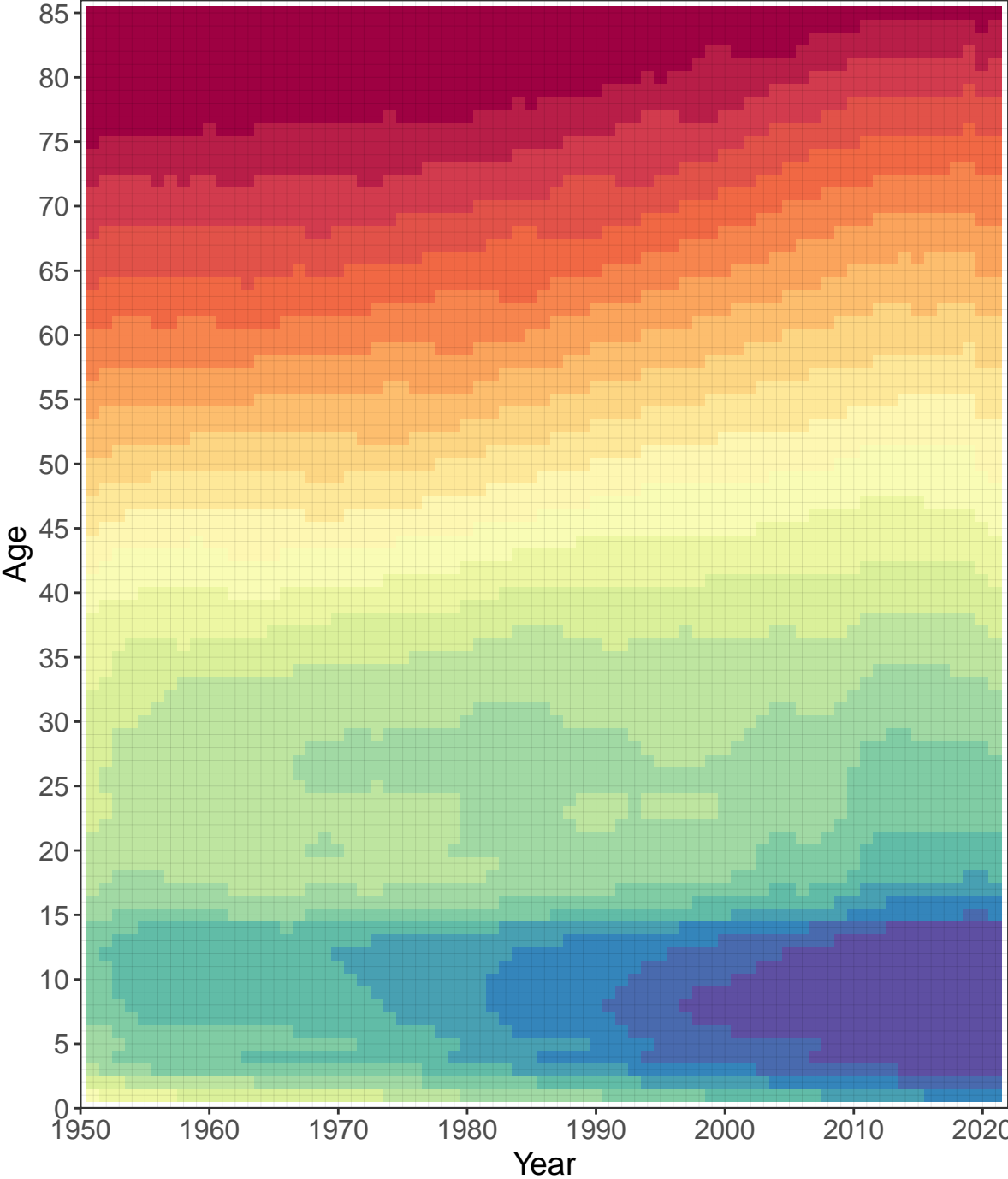


Appendix 2 Figure S4: UK mortality rates, 1950–2023

Females

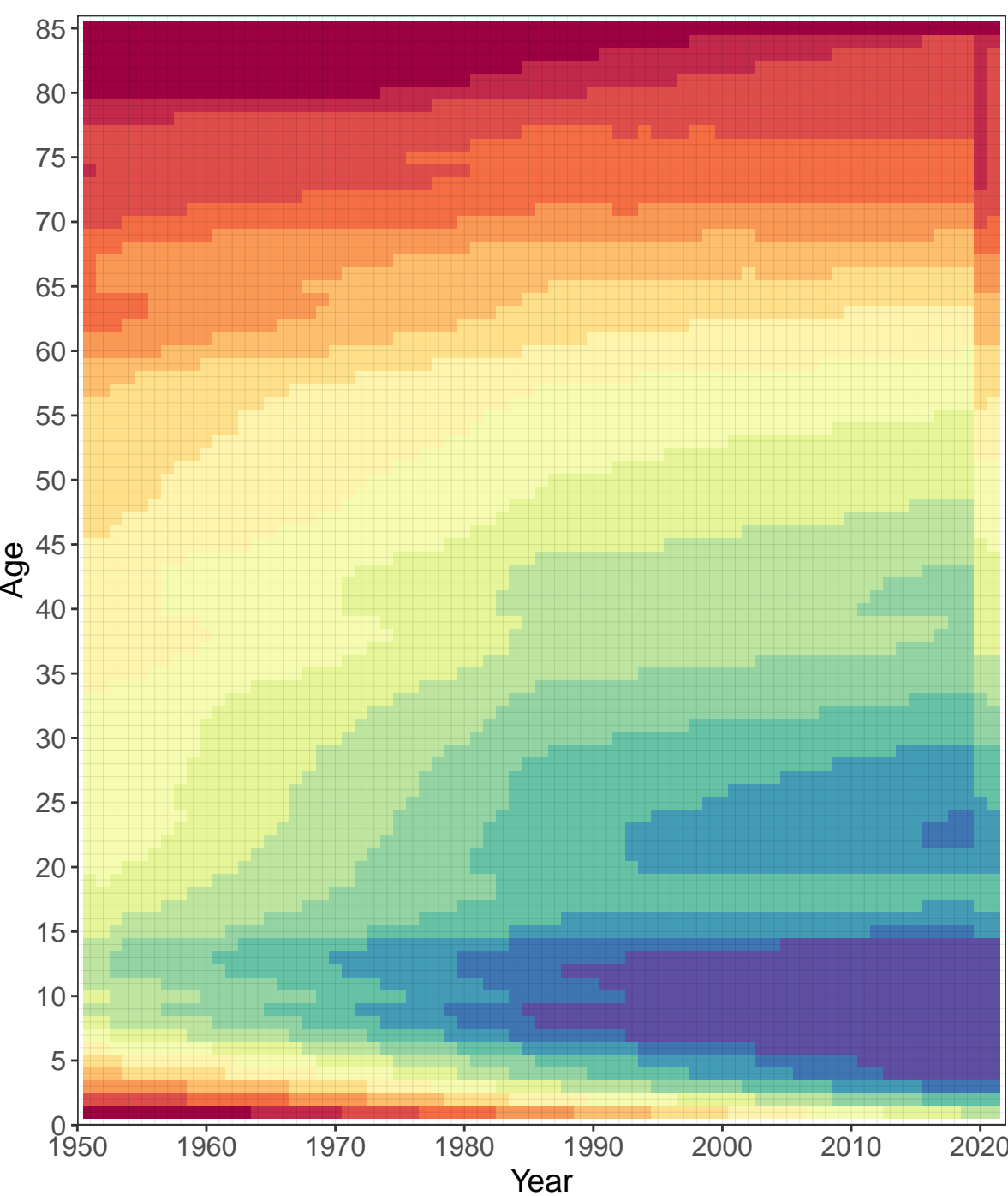


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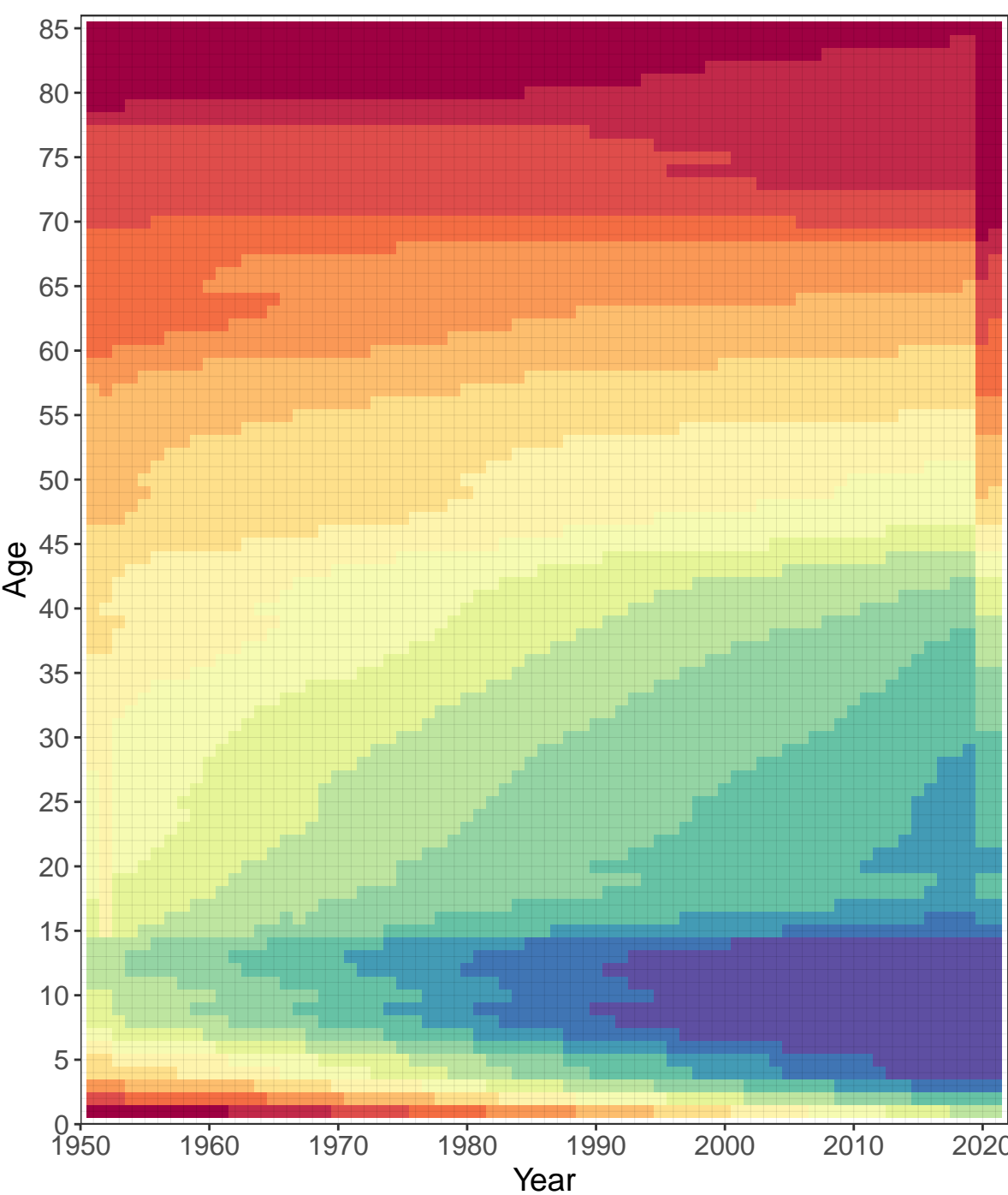


Appendix 2 Figure S4: Bolivia mortality rates, 1950–2023

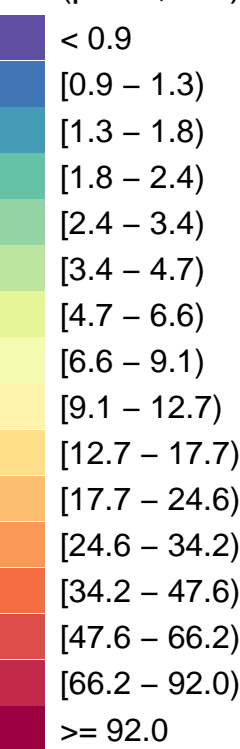
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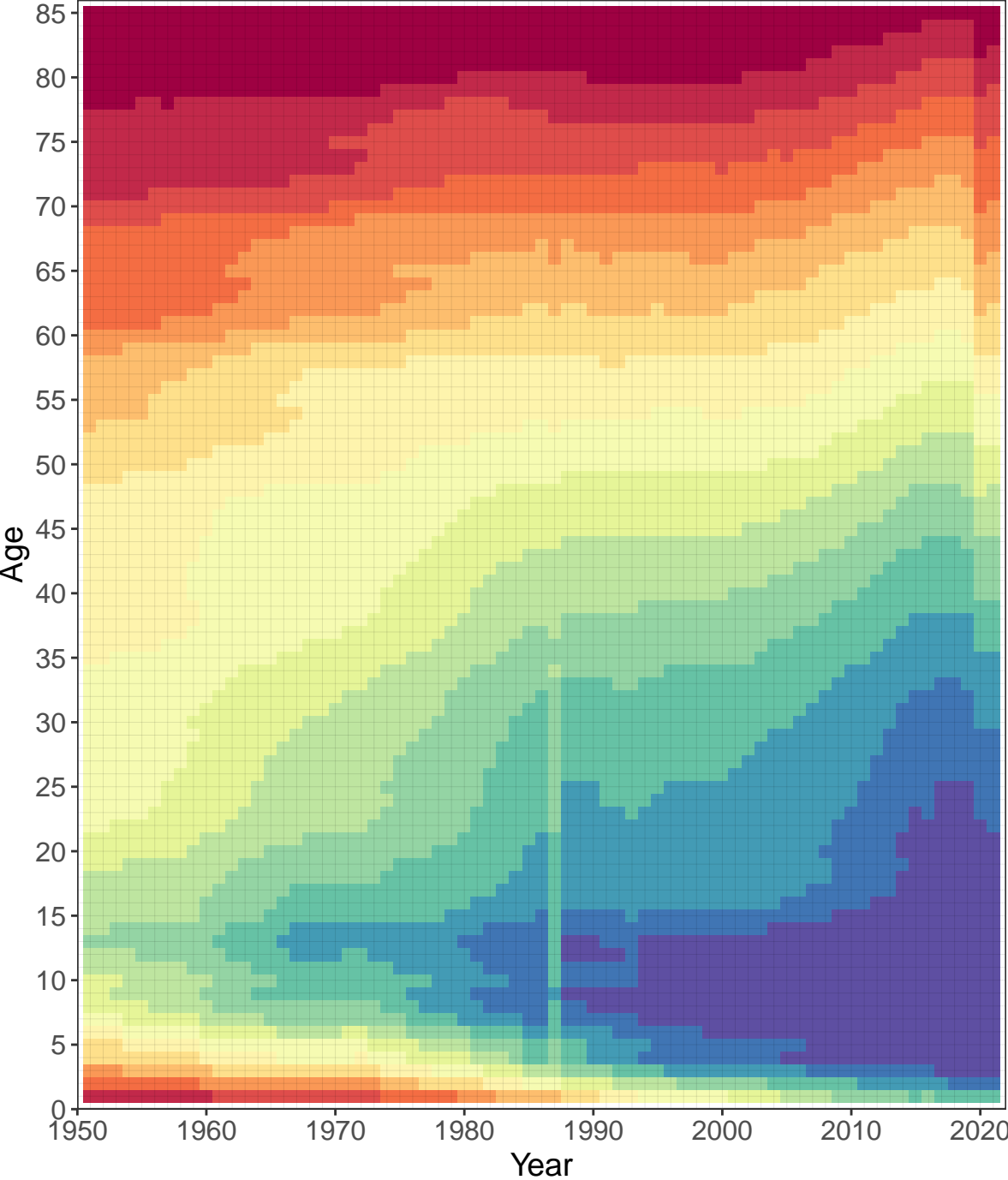


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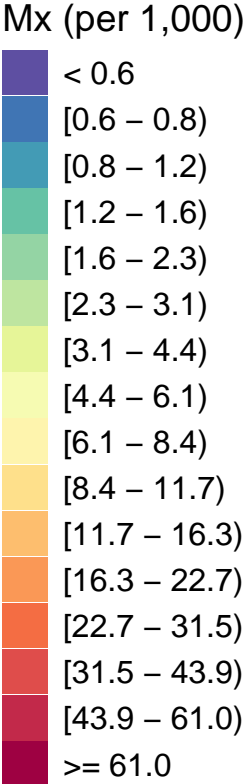
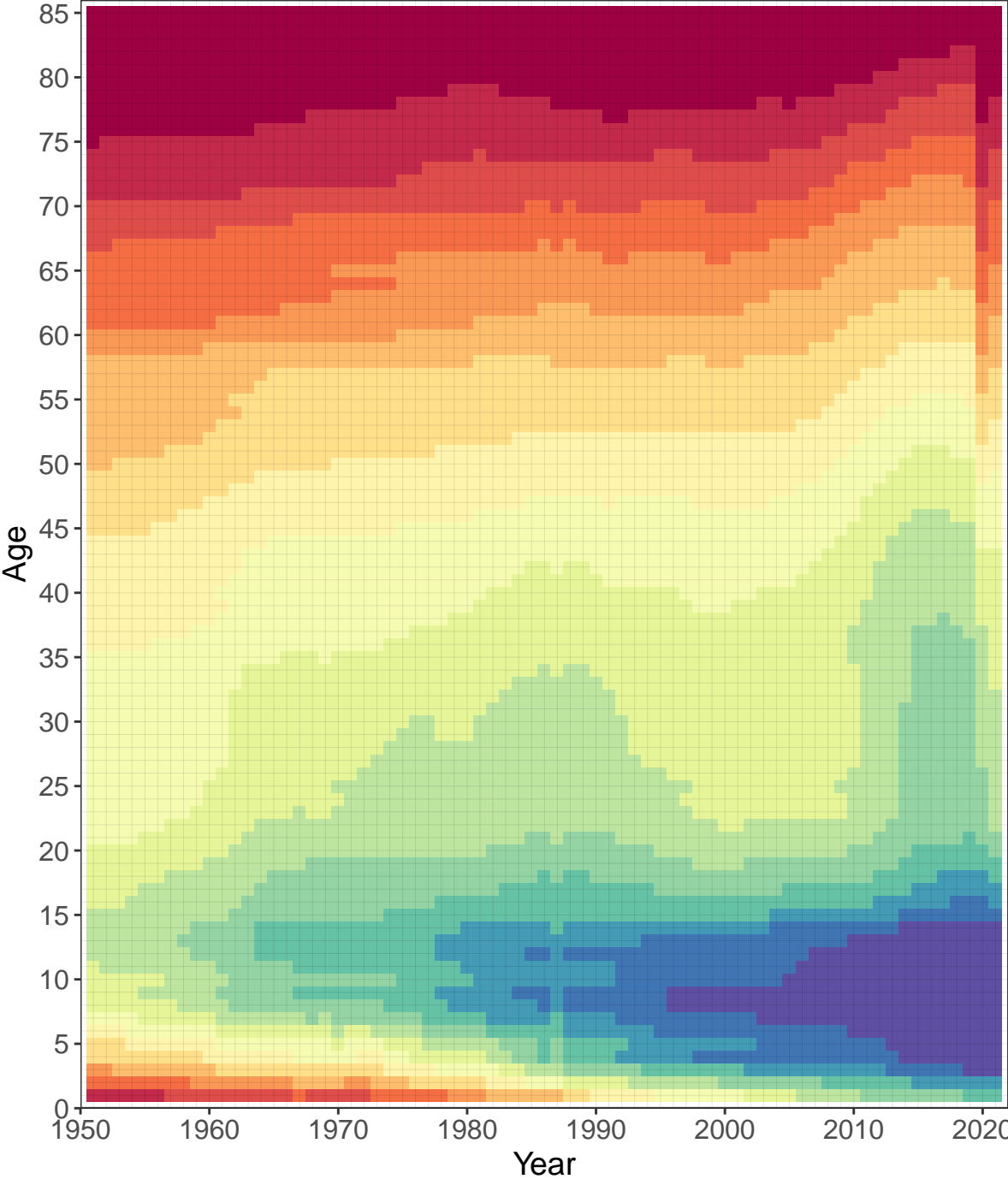


Appendix 2 Figure S4: Ecuador mortality rates, 1950–2023

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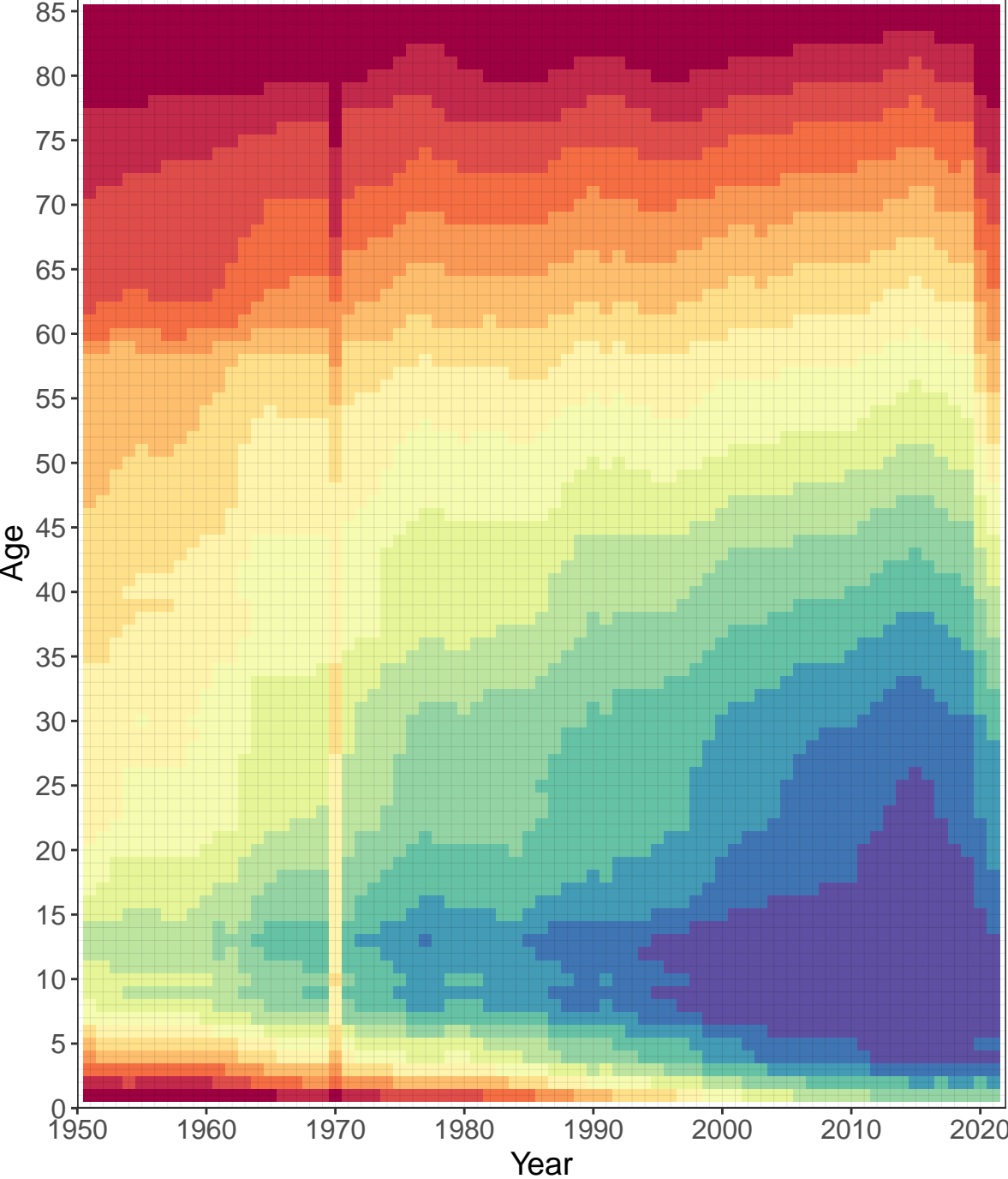


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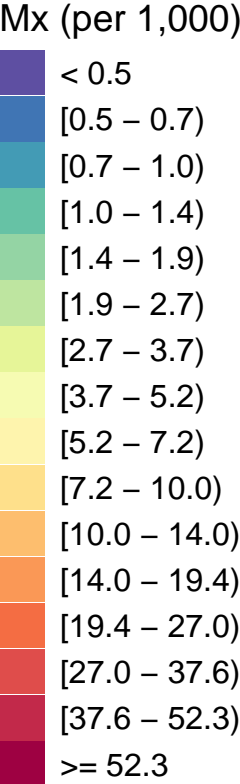
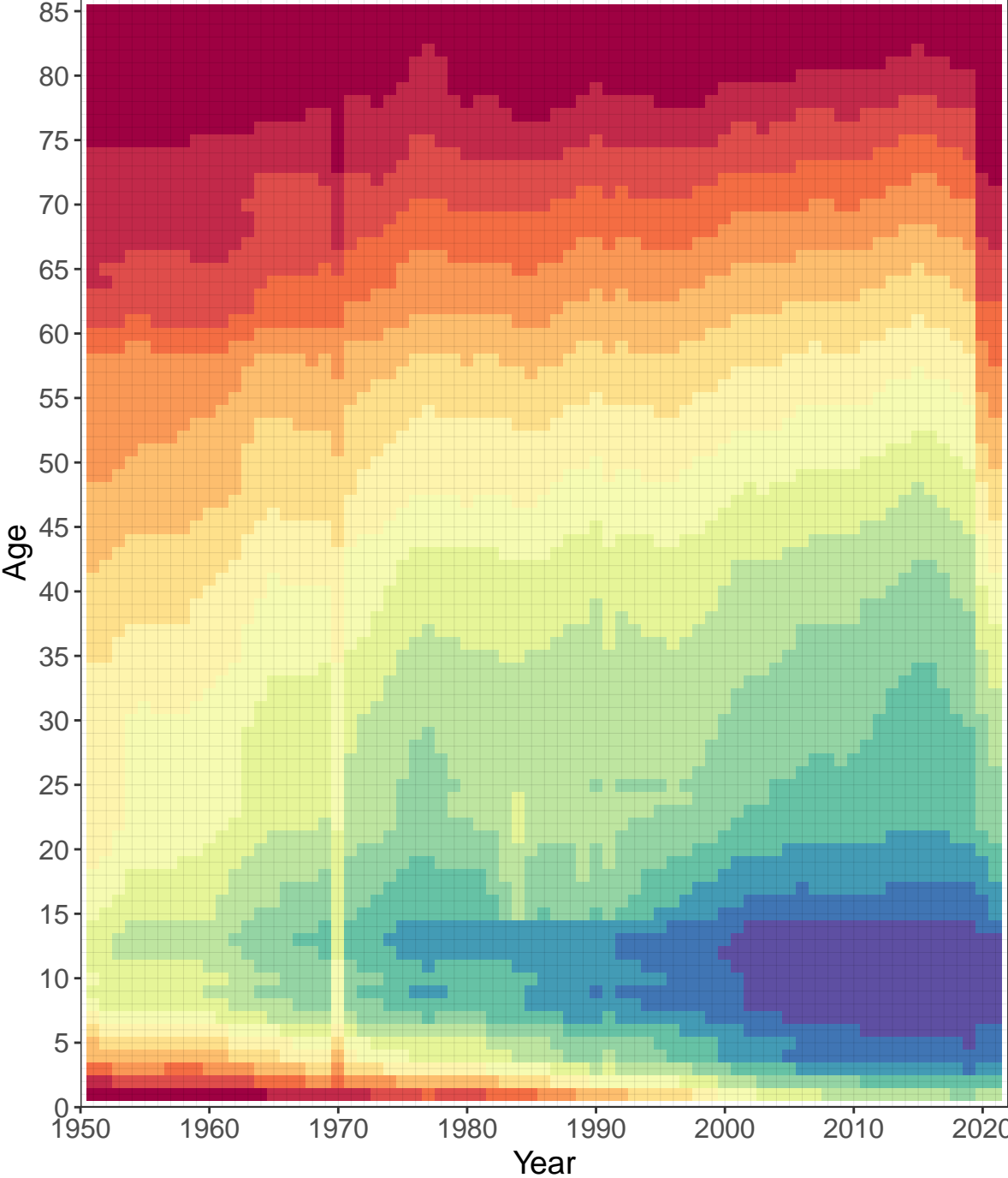


Appendix 2 Figure S4: Peru mortality rates, 1950–2023

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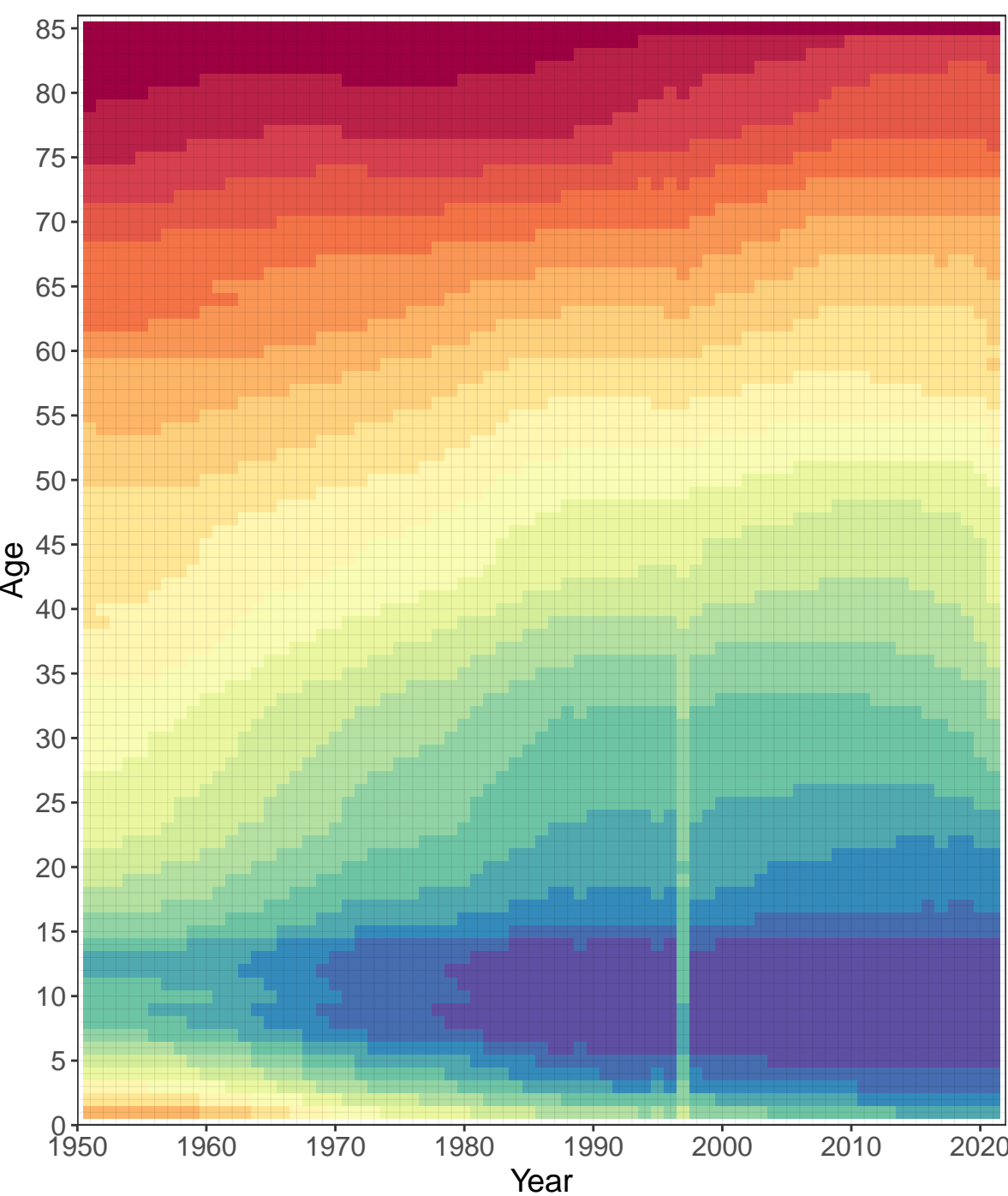


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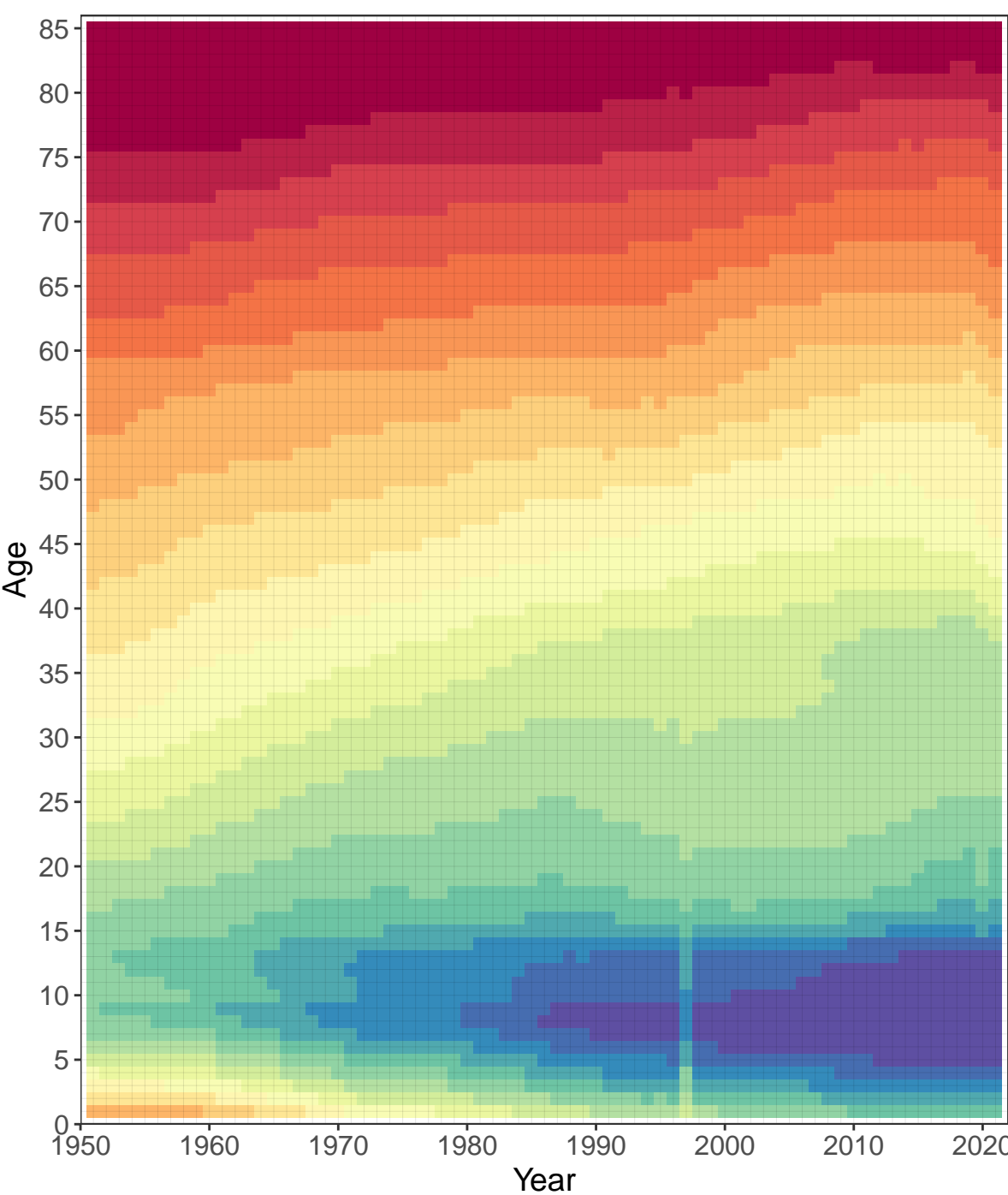


Appendix 2 Figure S4: Antigua and Barbuda mortality rates, 1950–2023

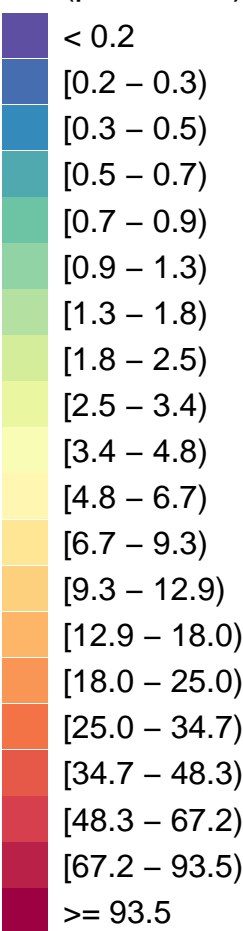
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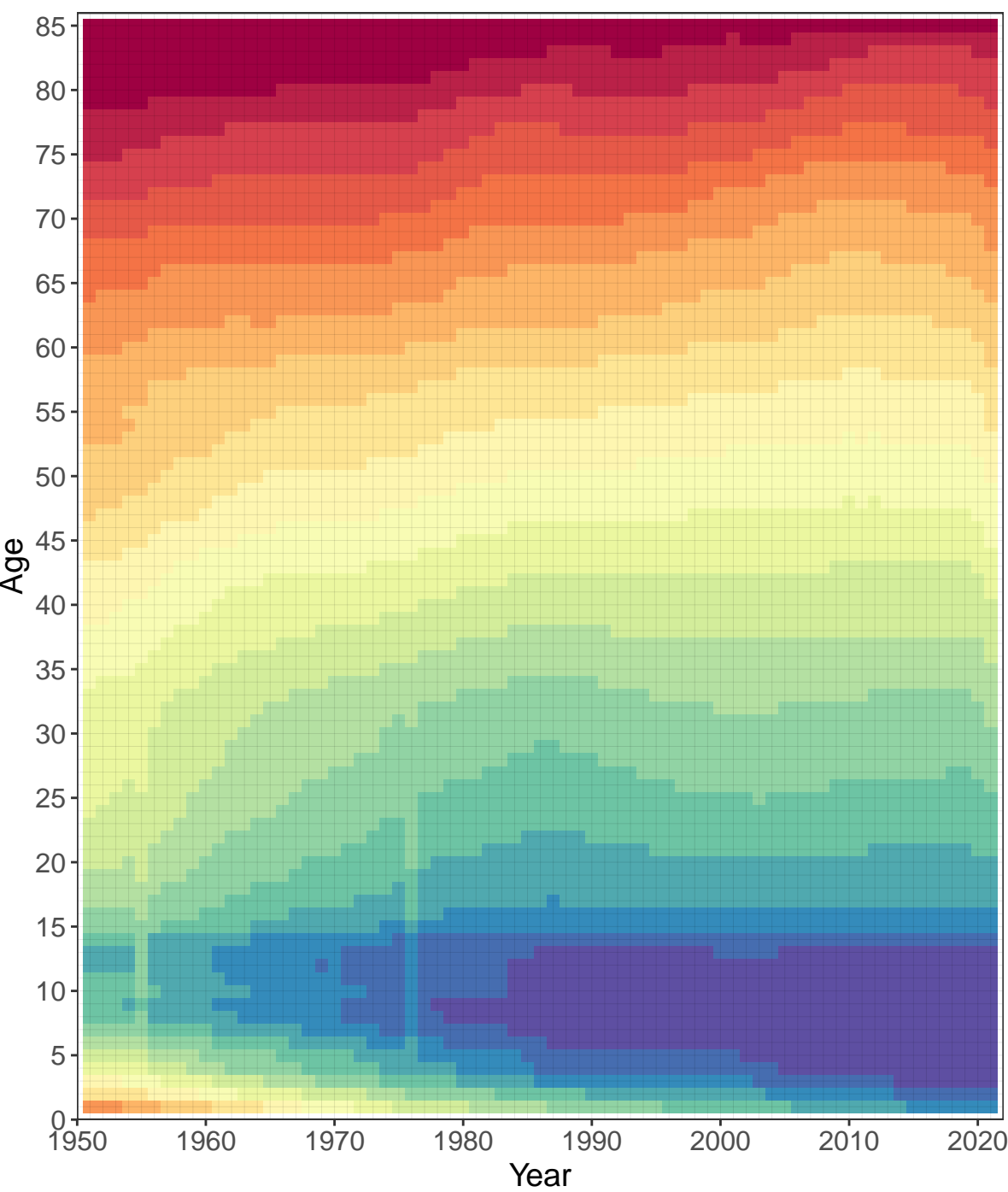


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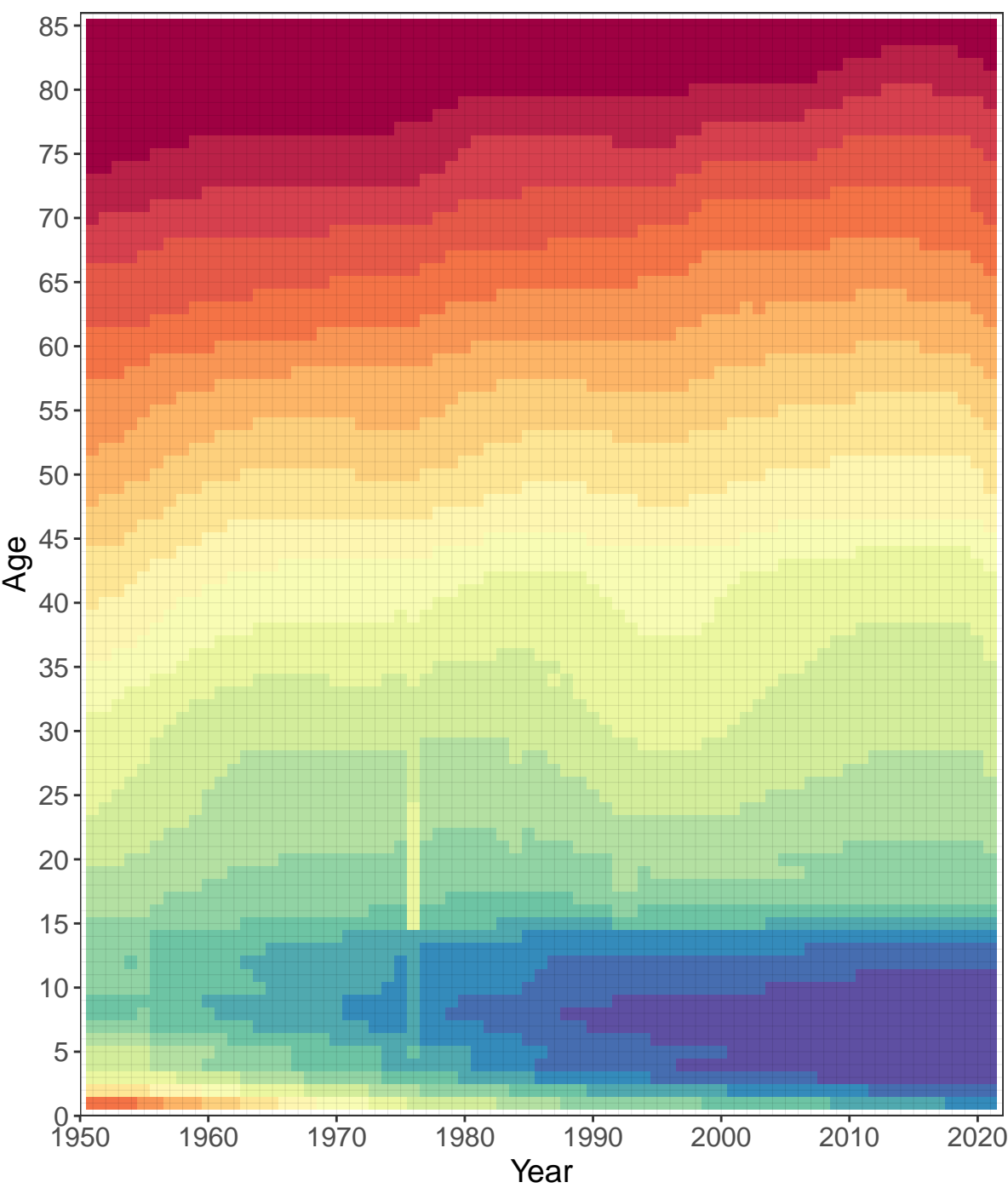


Appendix 2 Figure S4: Barbados mortality rates, 1950–2023

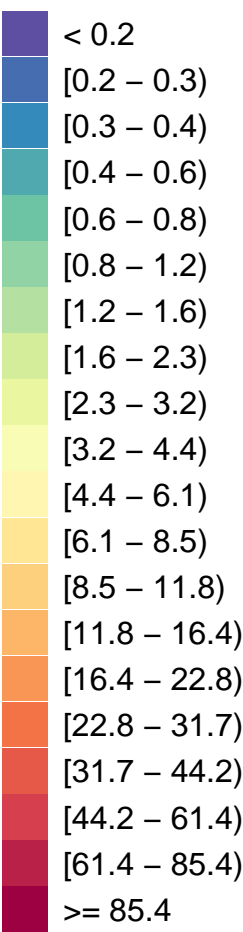
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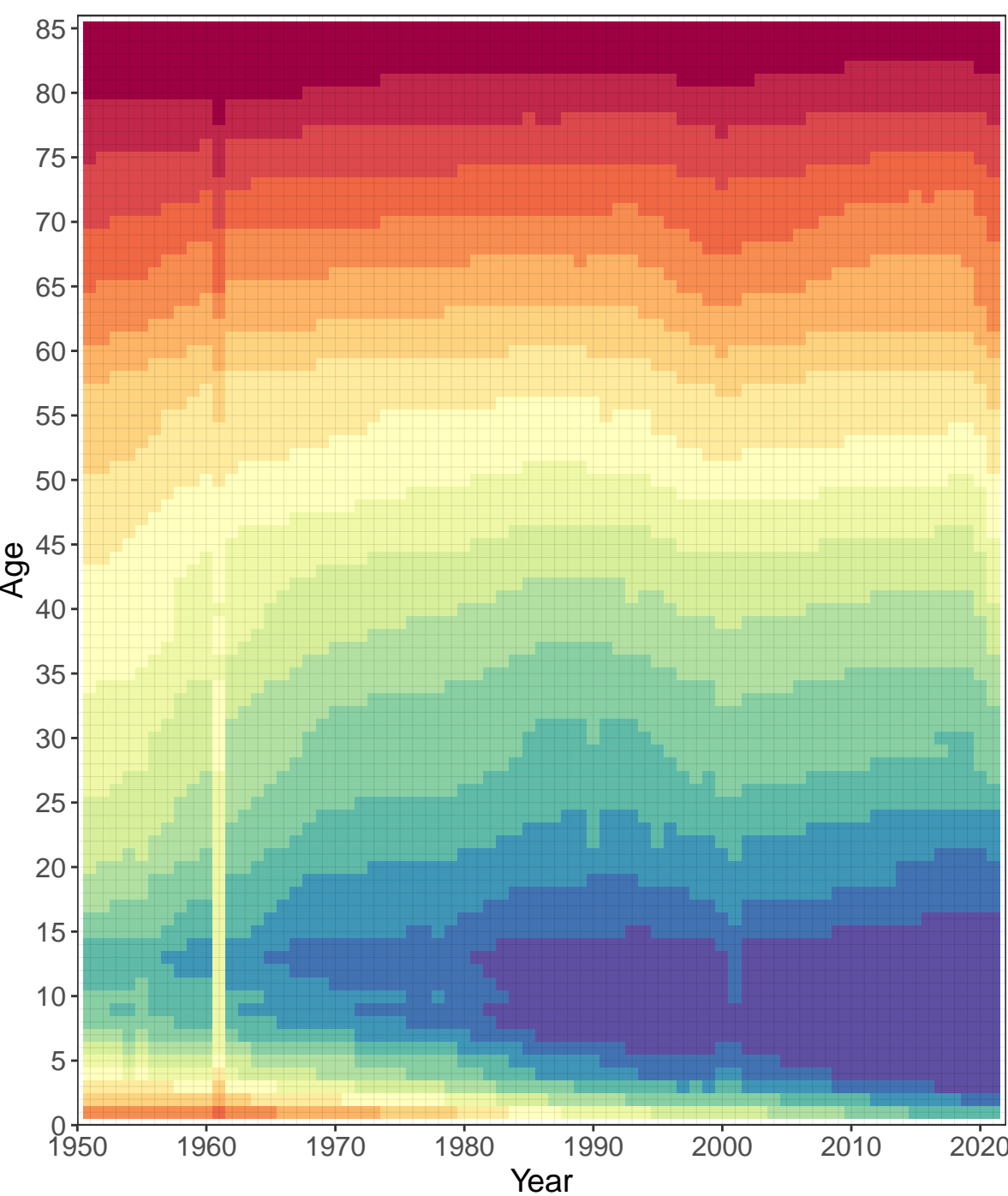


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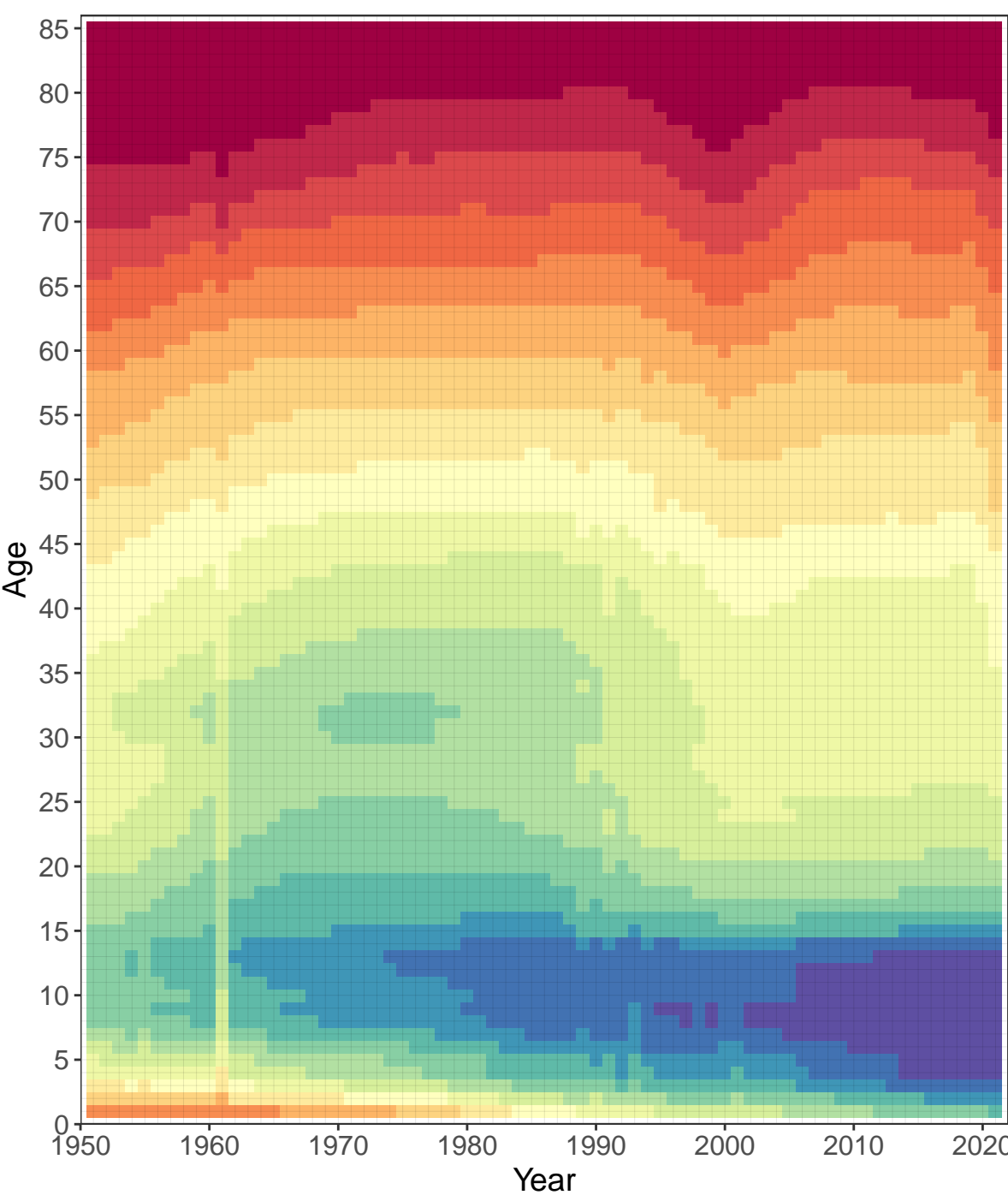


Appendix 2 Figure S4: Belize mortality rates, 1950–2023

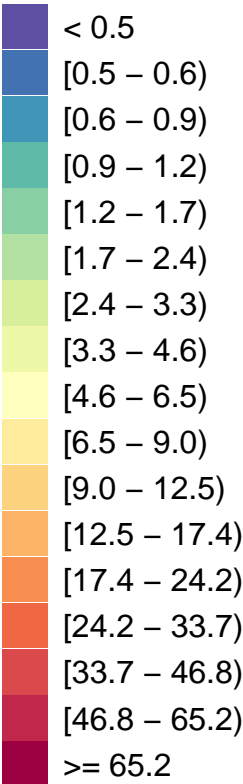
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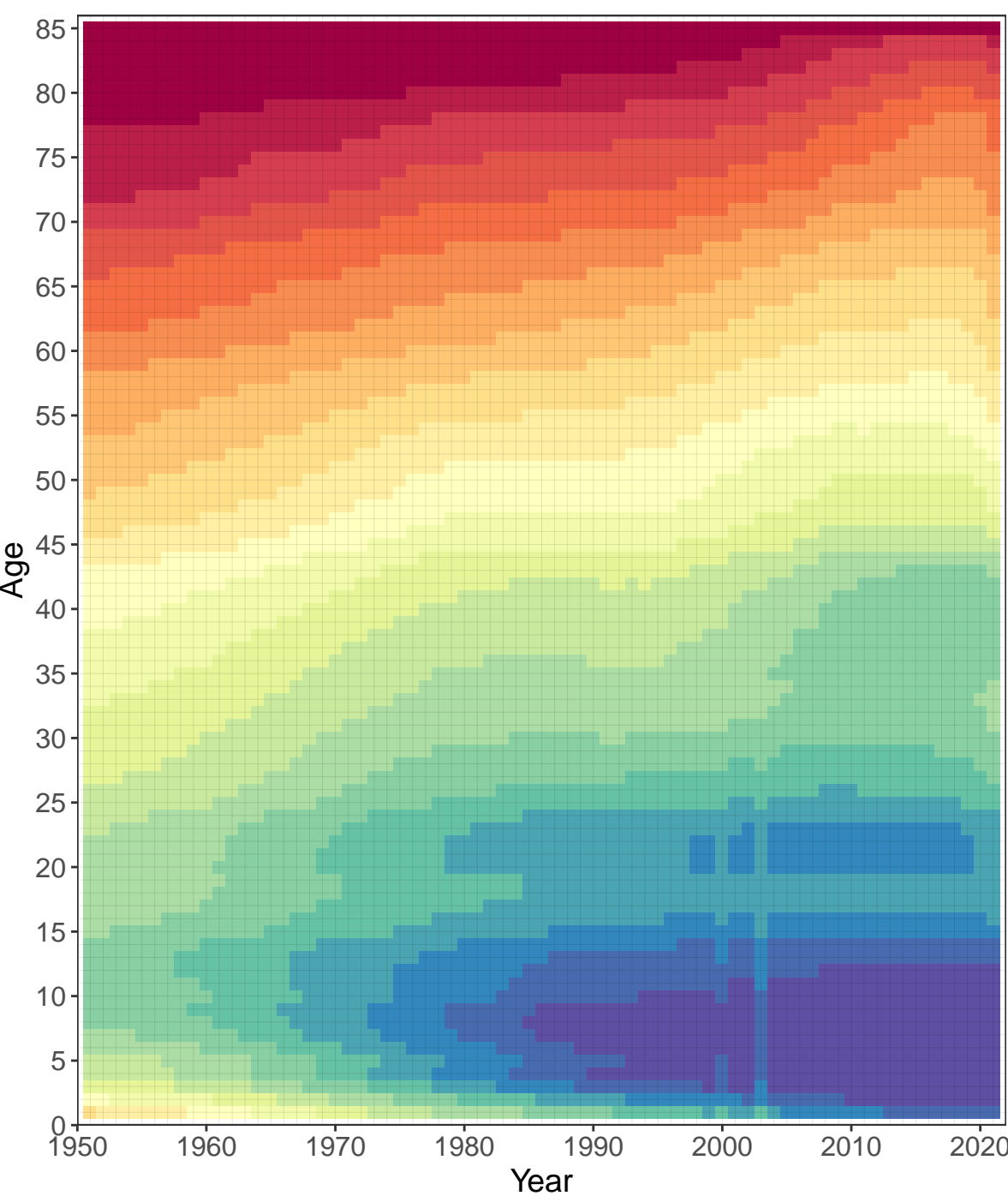


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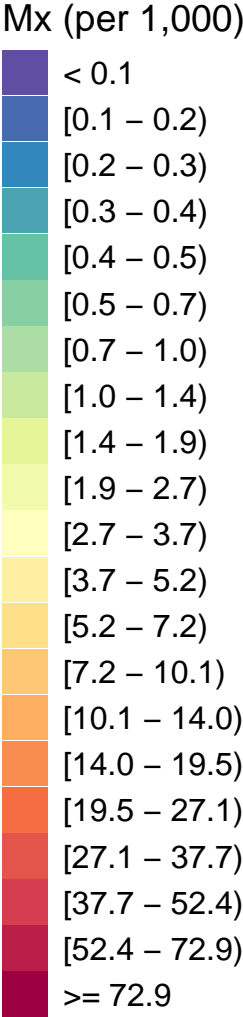
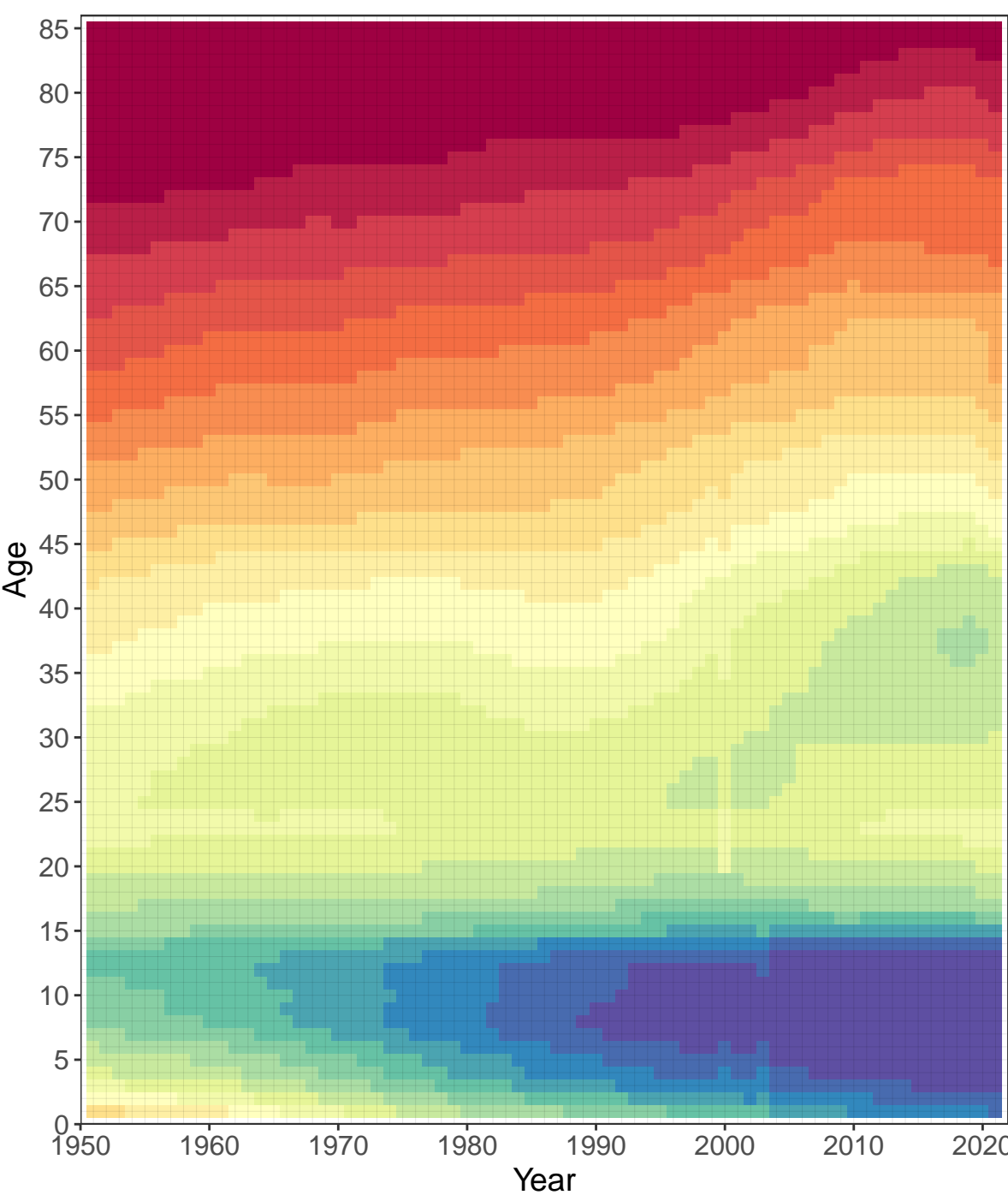


Appendix 2 Figure S4: Bermuda mortality rates, 1950–2023

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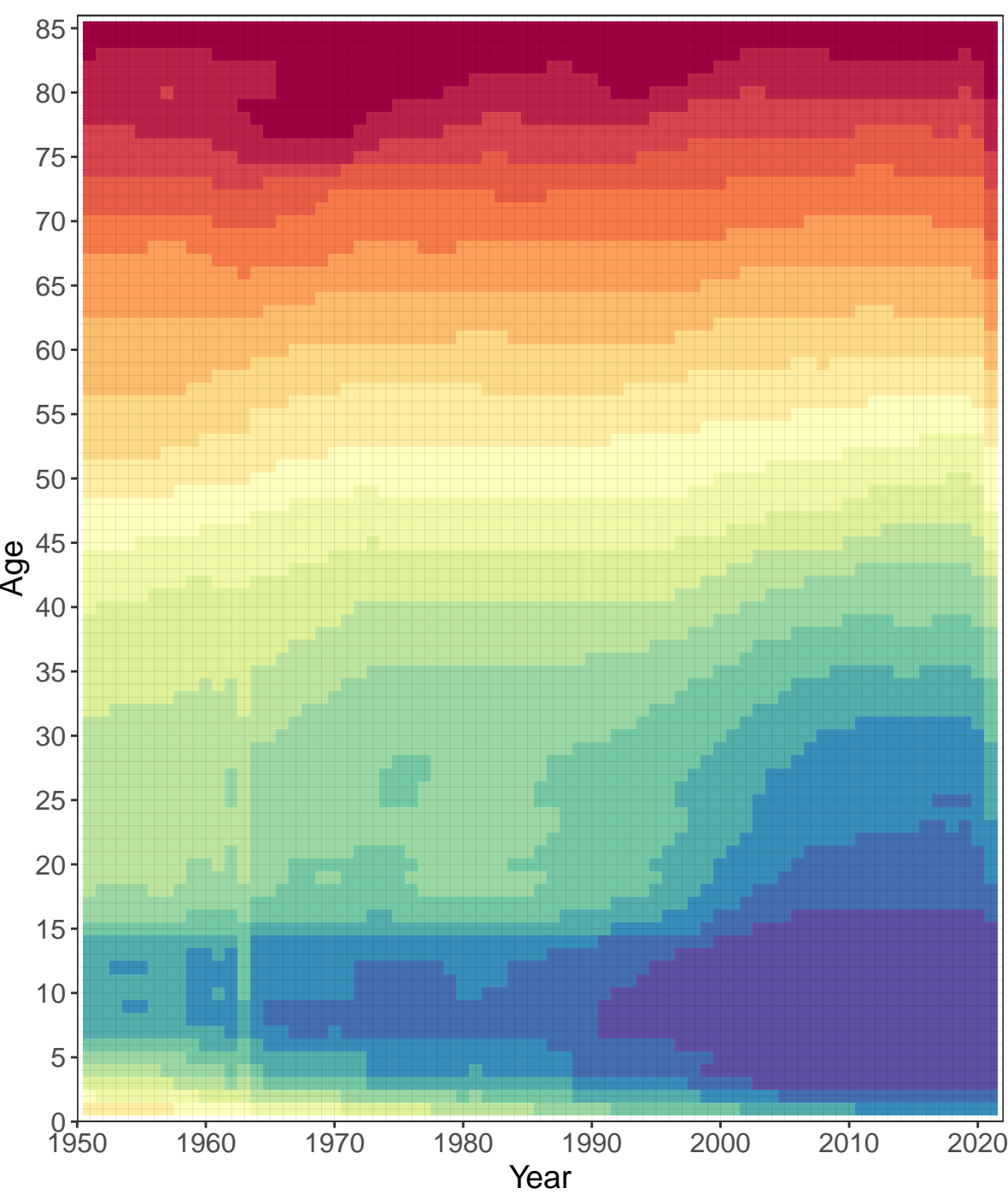


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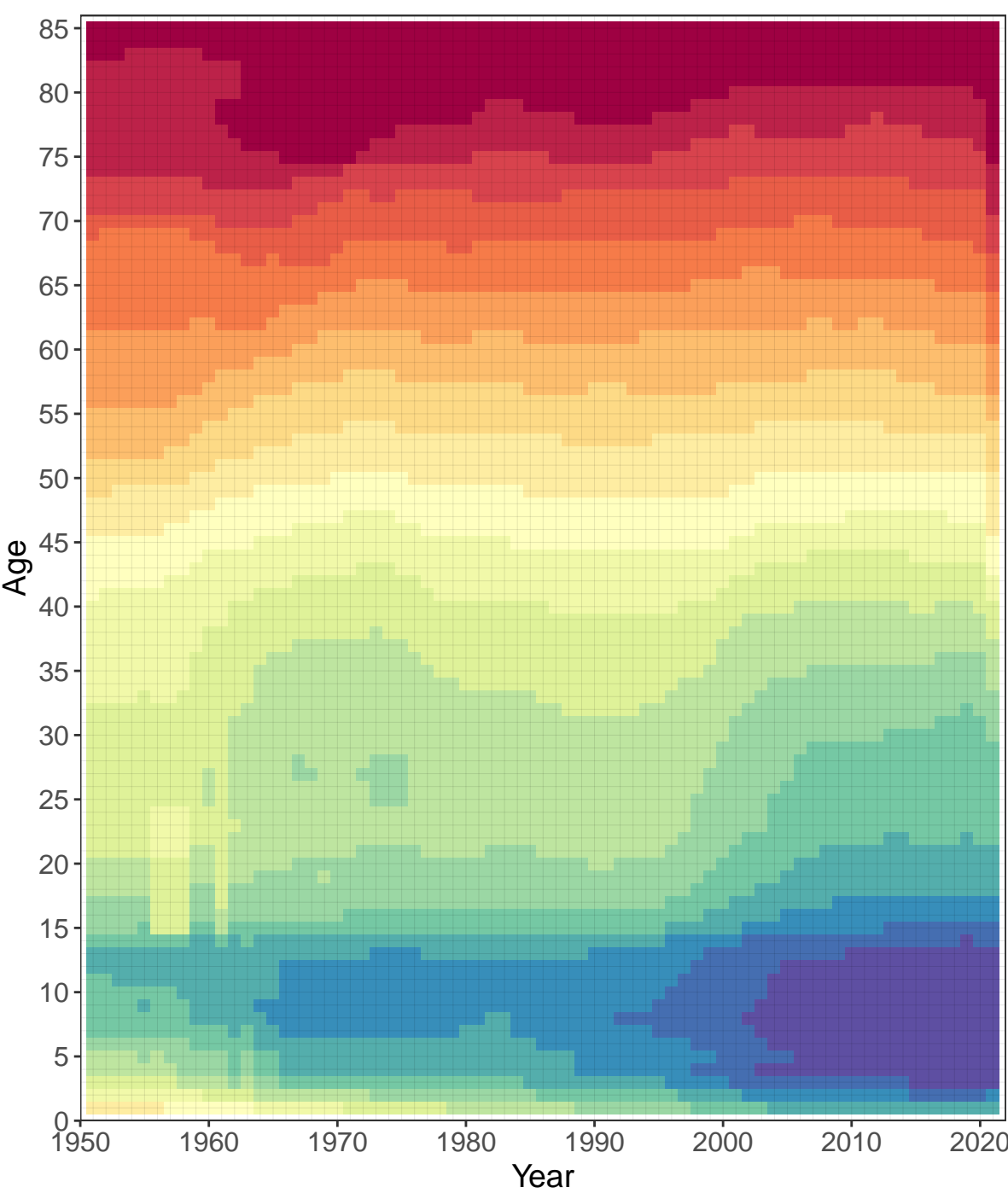


Appendix 2 Figure S4: Cuba mortality rates, 1950–2023

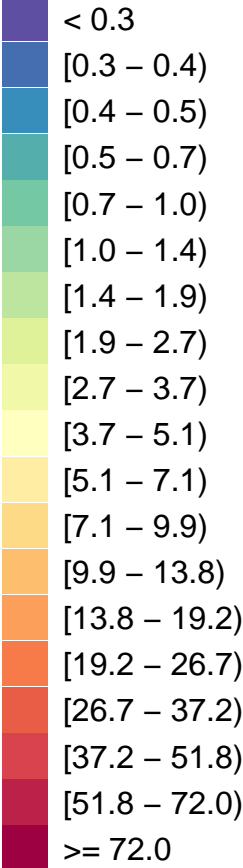
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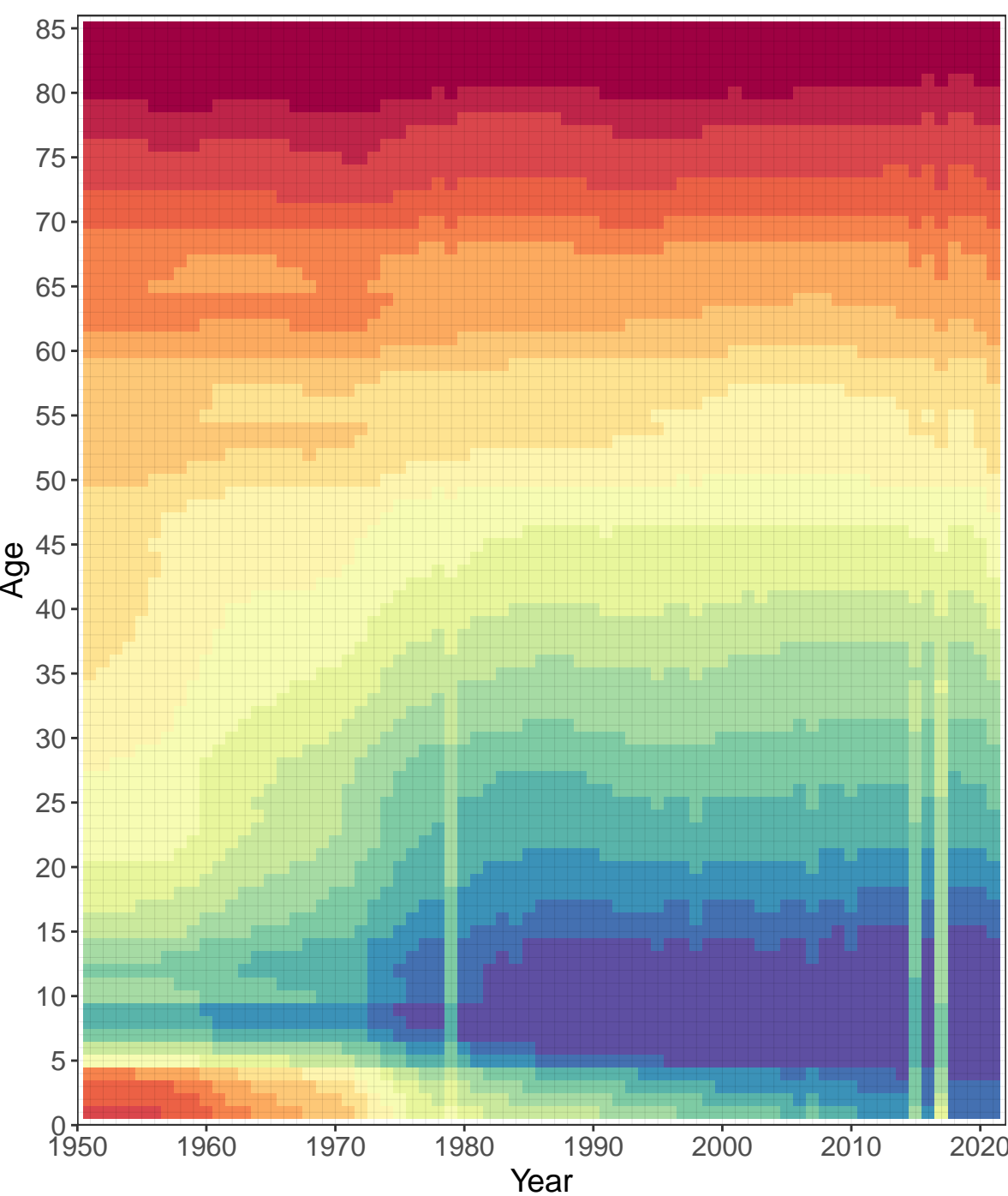


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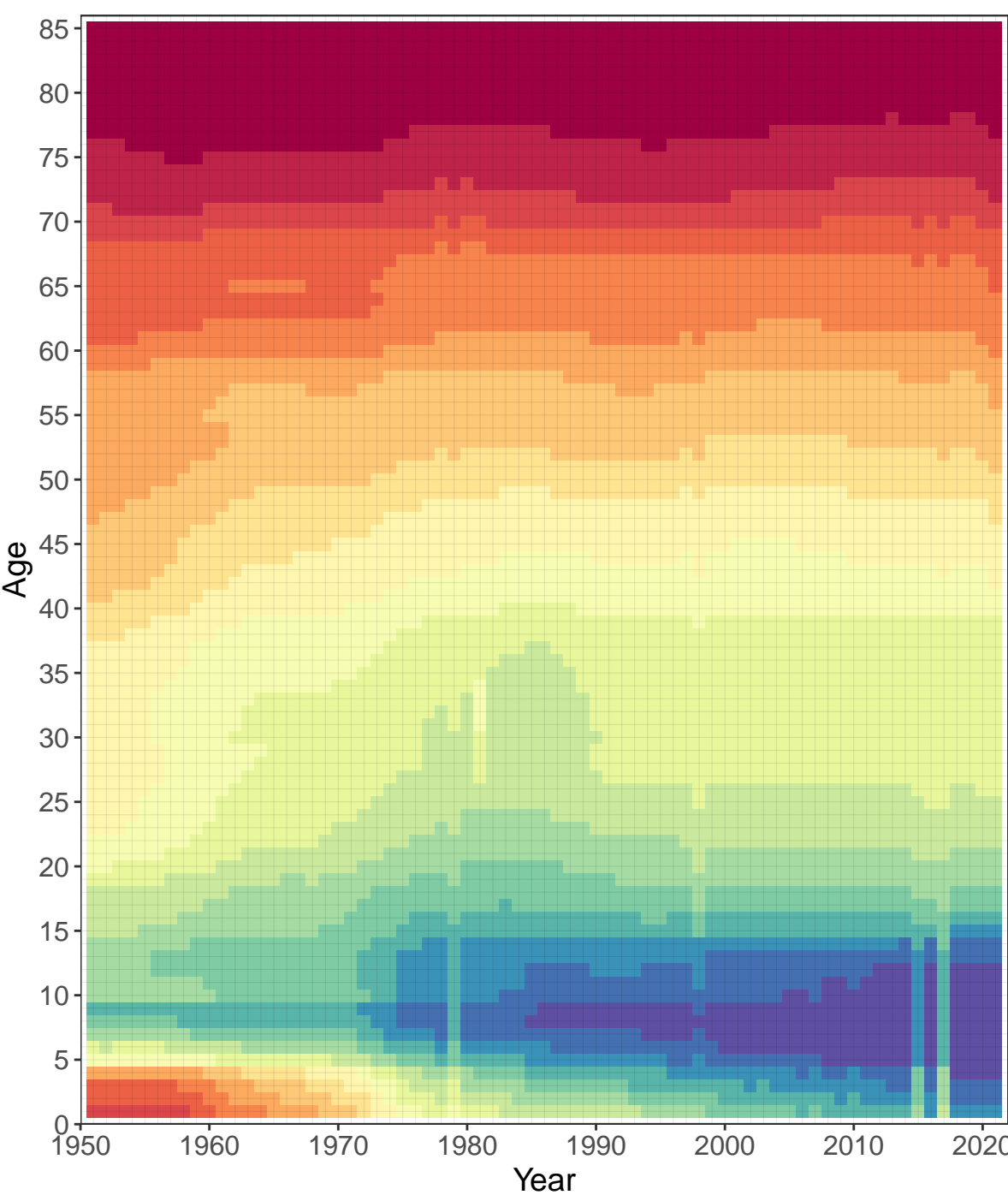


Appendix 2 Figure S4: Dominica mortality rates, 1950–2023

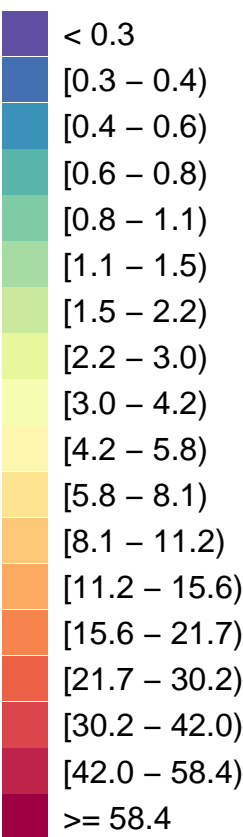
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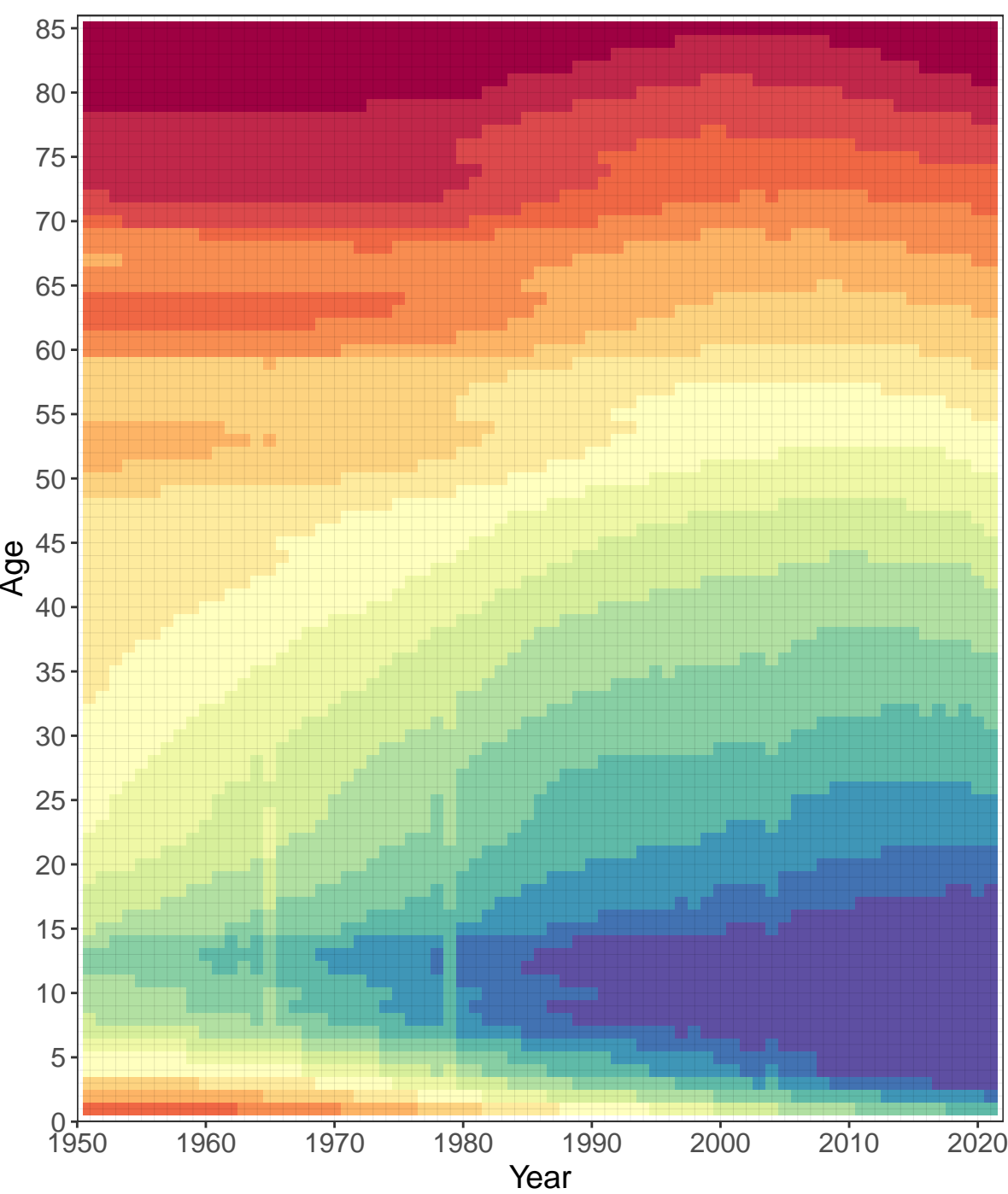


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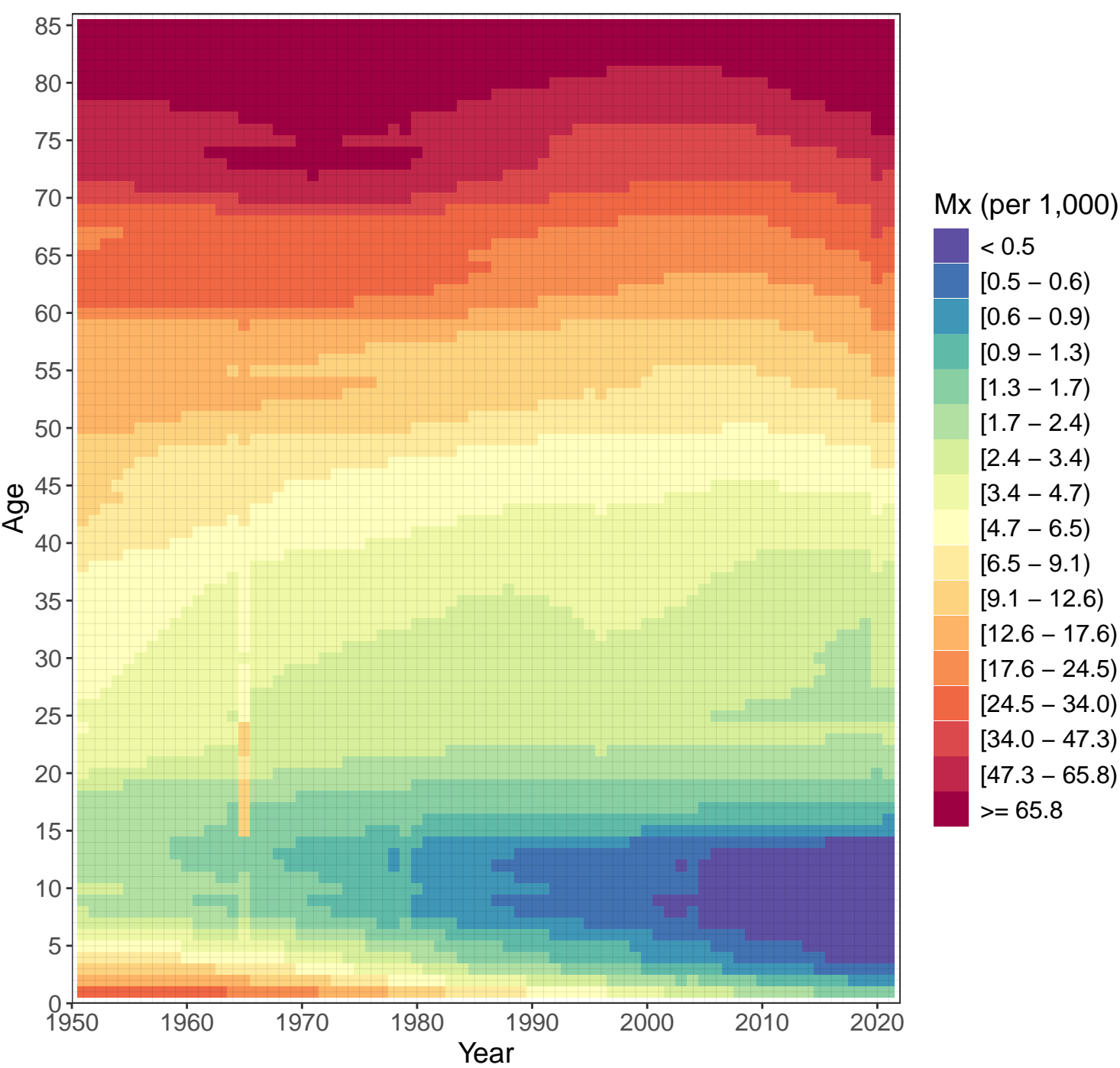


Appendix 2 Figure S4: Dominican Republic mortality rates, 1950–2023

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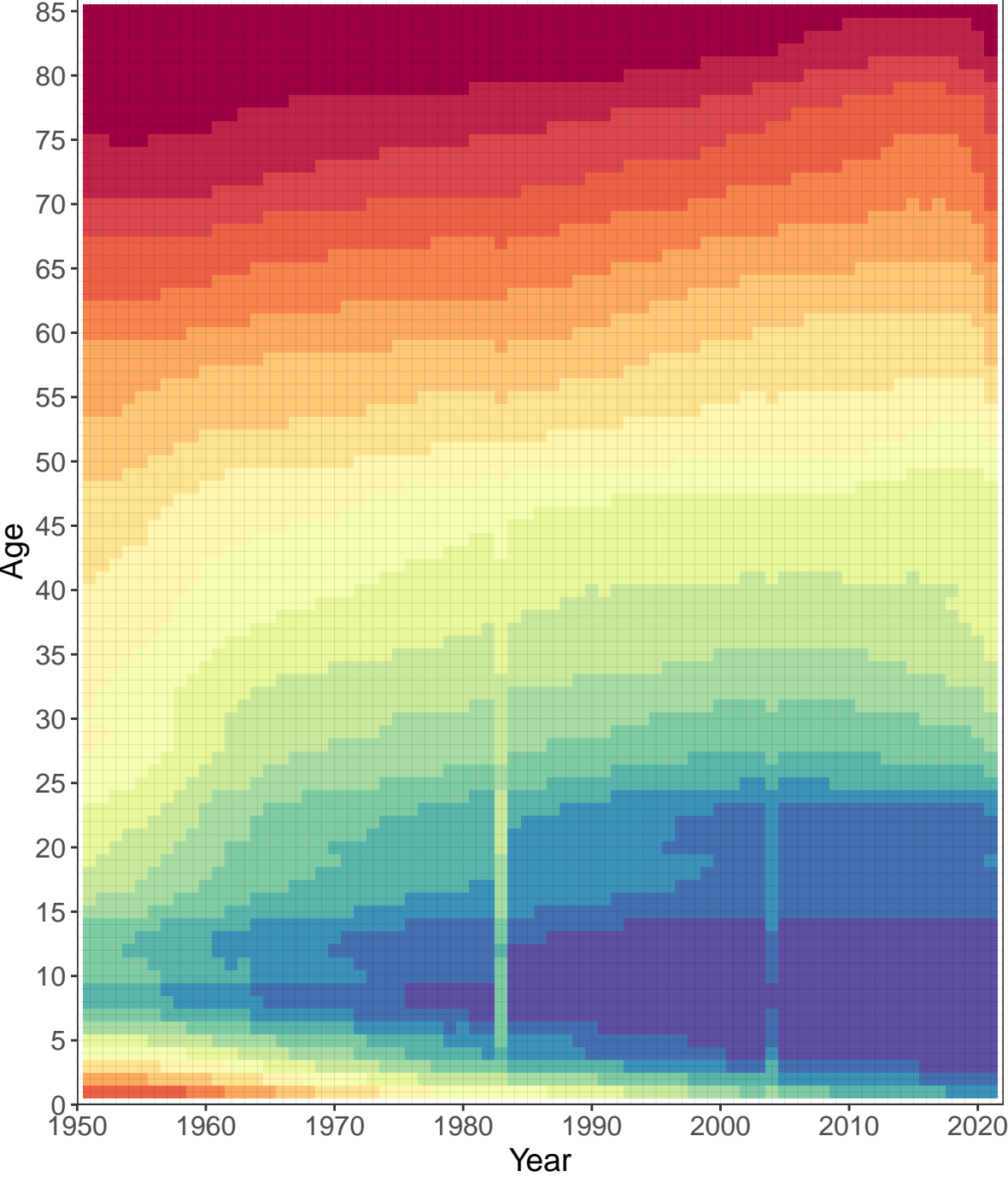


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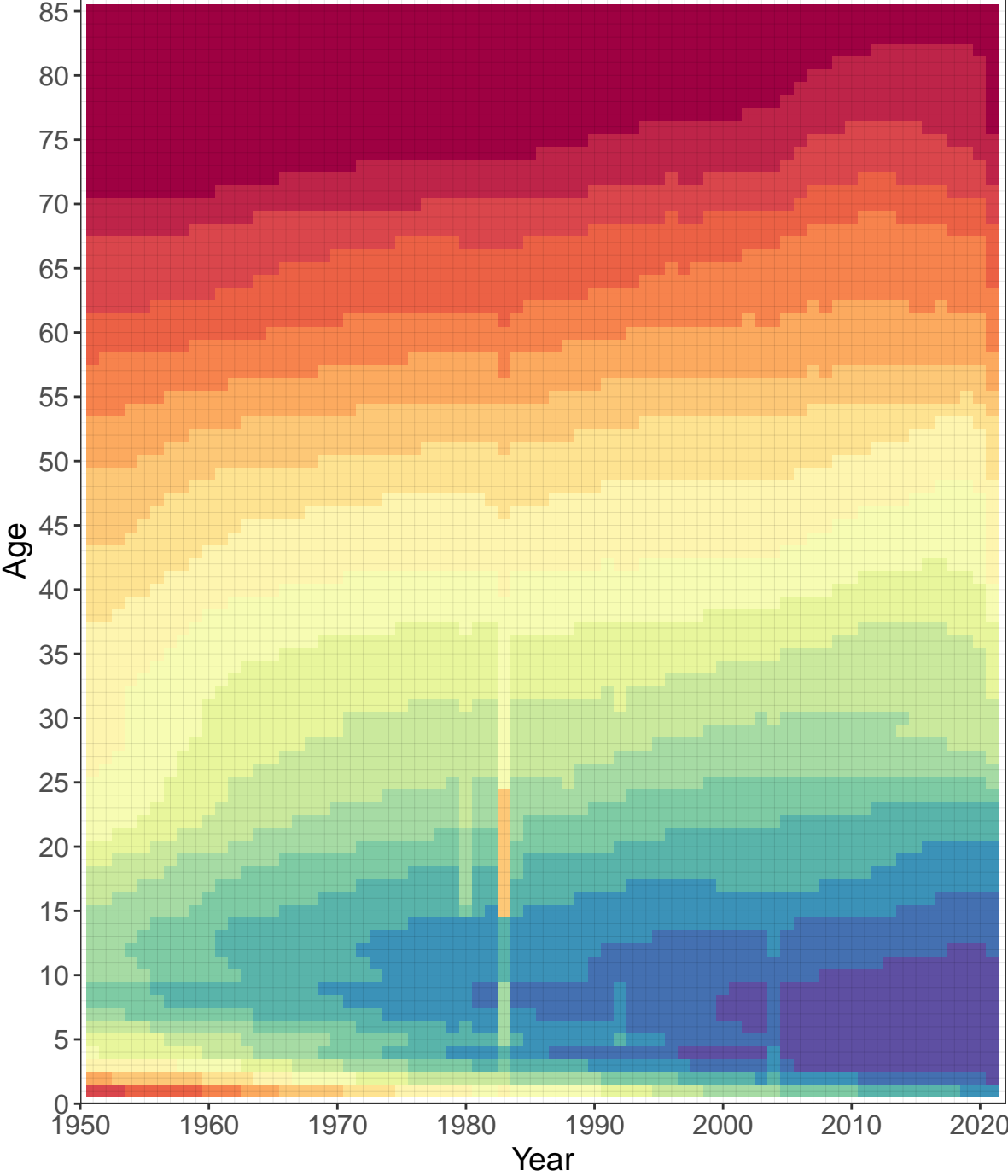


Appendix 2 Figure S4: Grenada mortality rates, 1950–2023

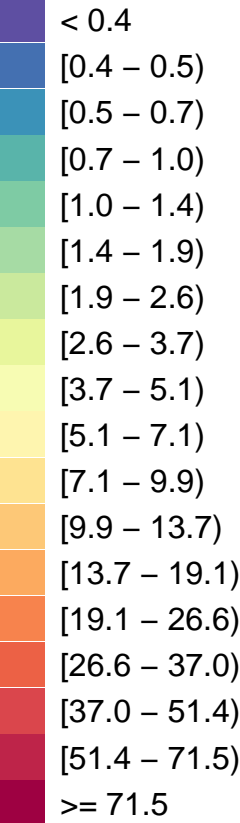
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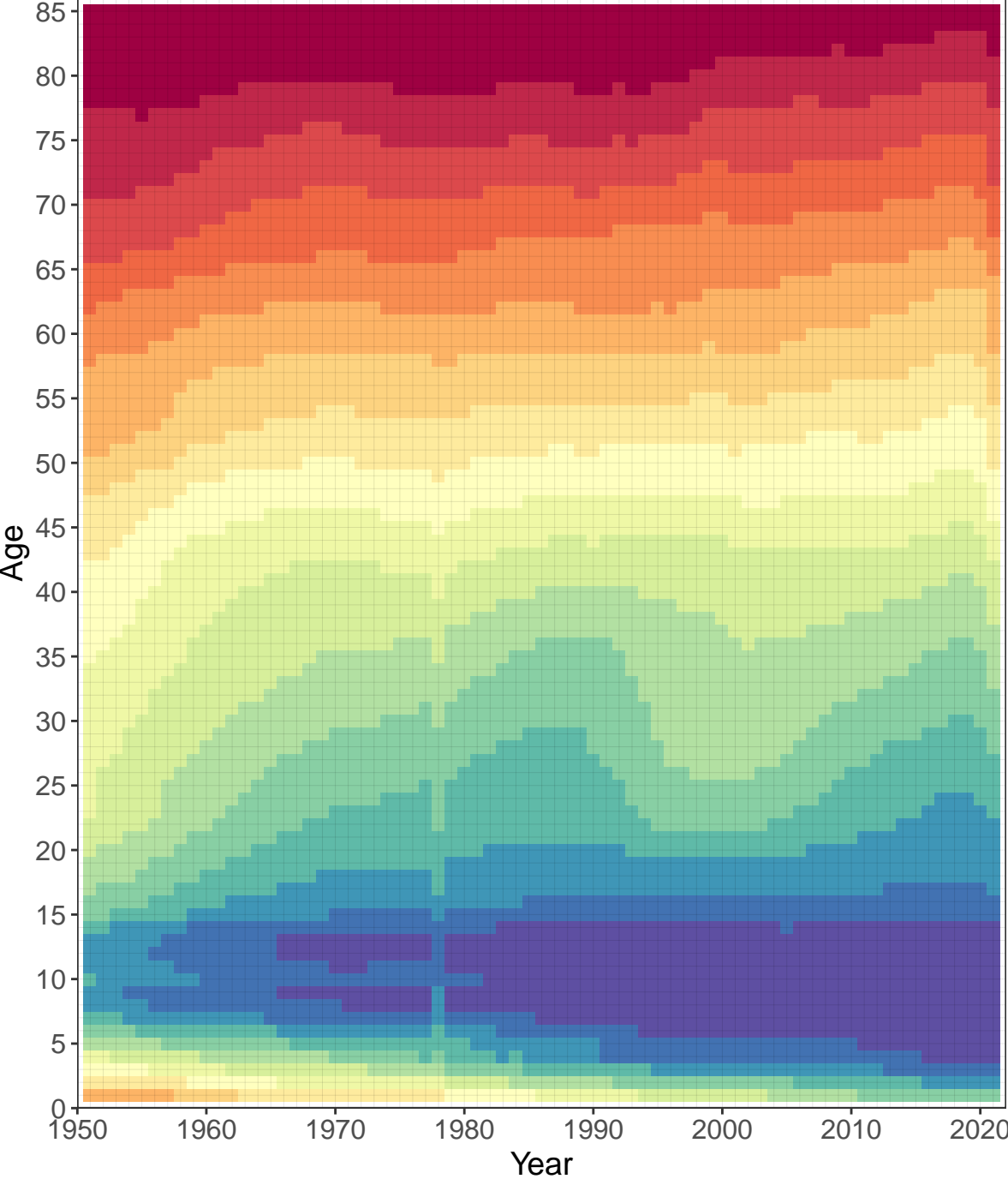


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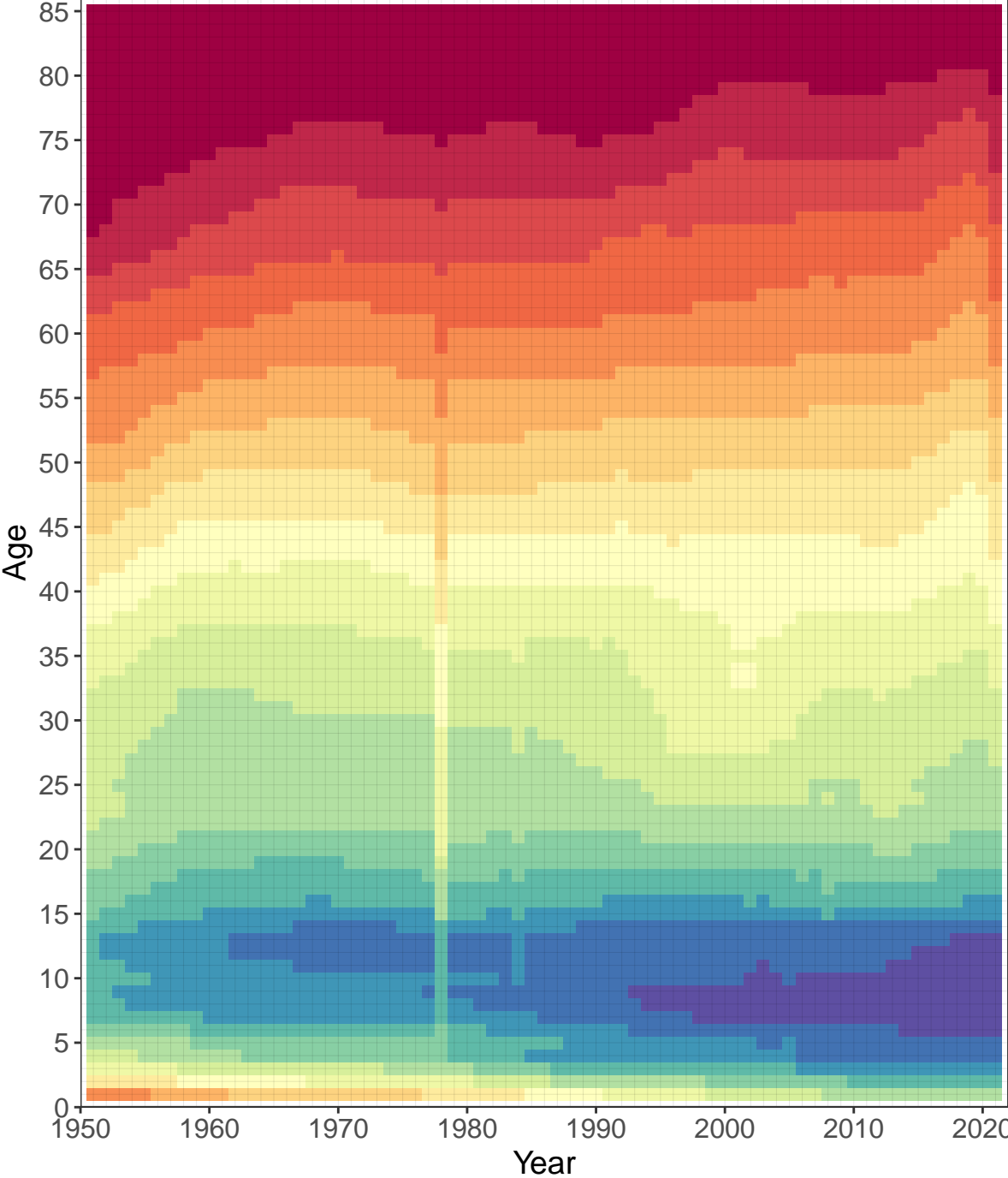


Appendix 2 Figure S4: Guyana mortality rates, 1950–2023

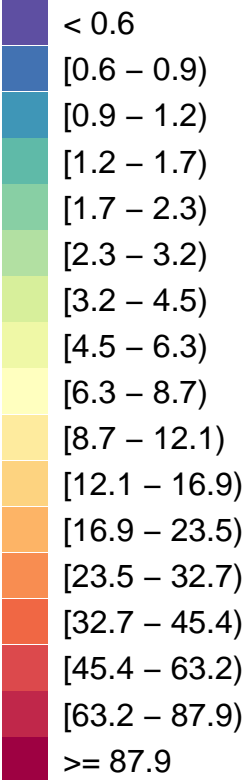
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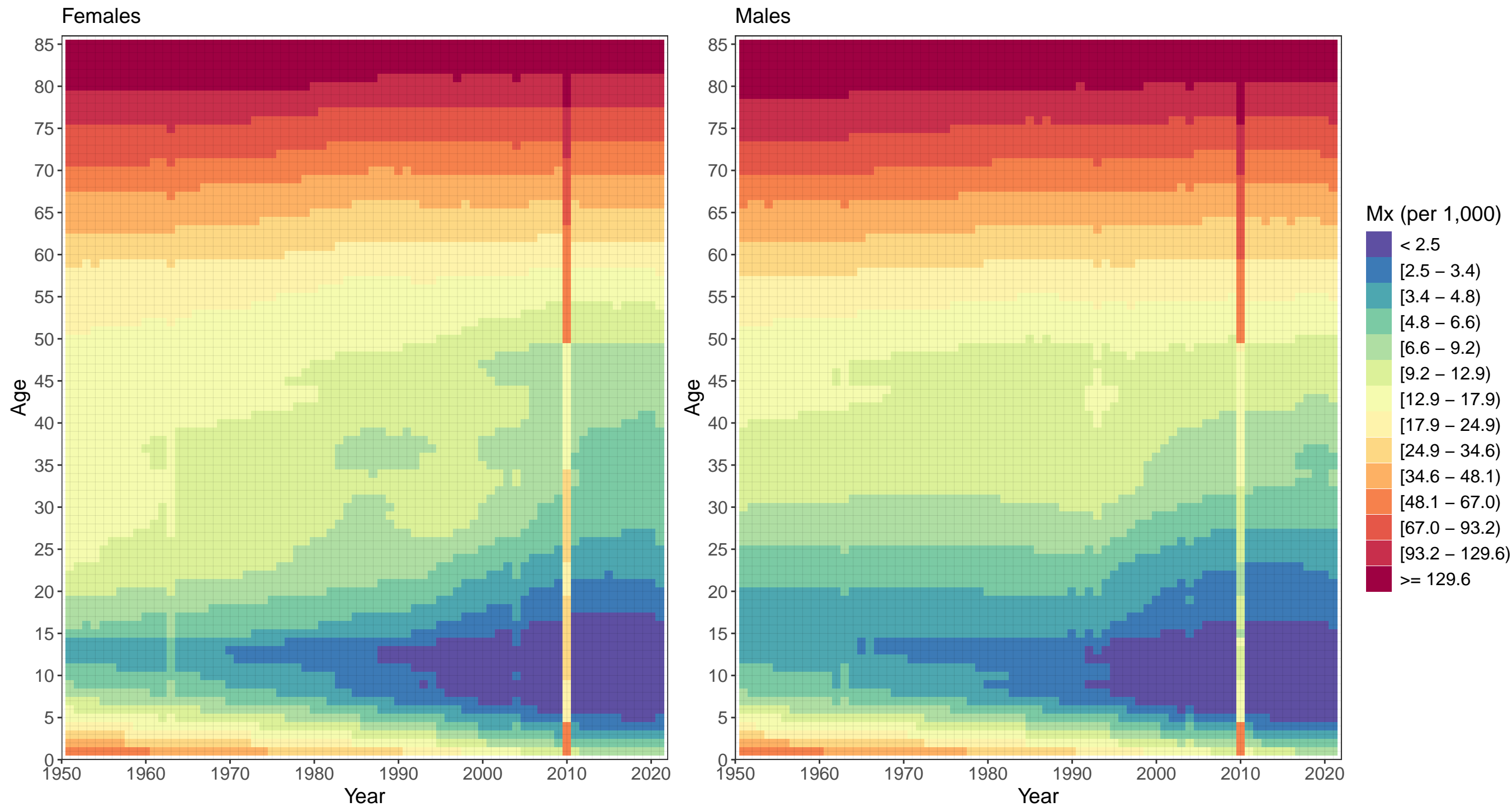
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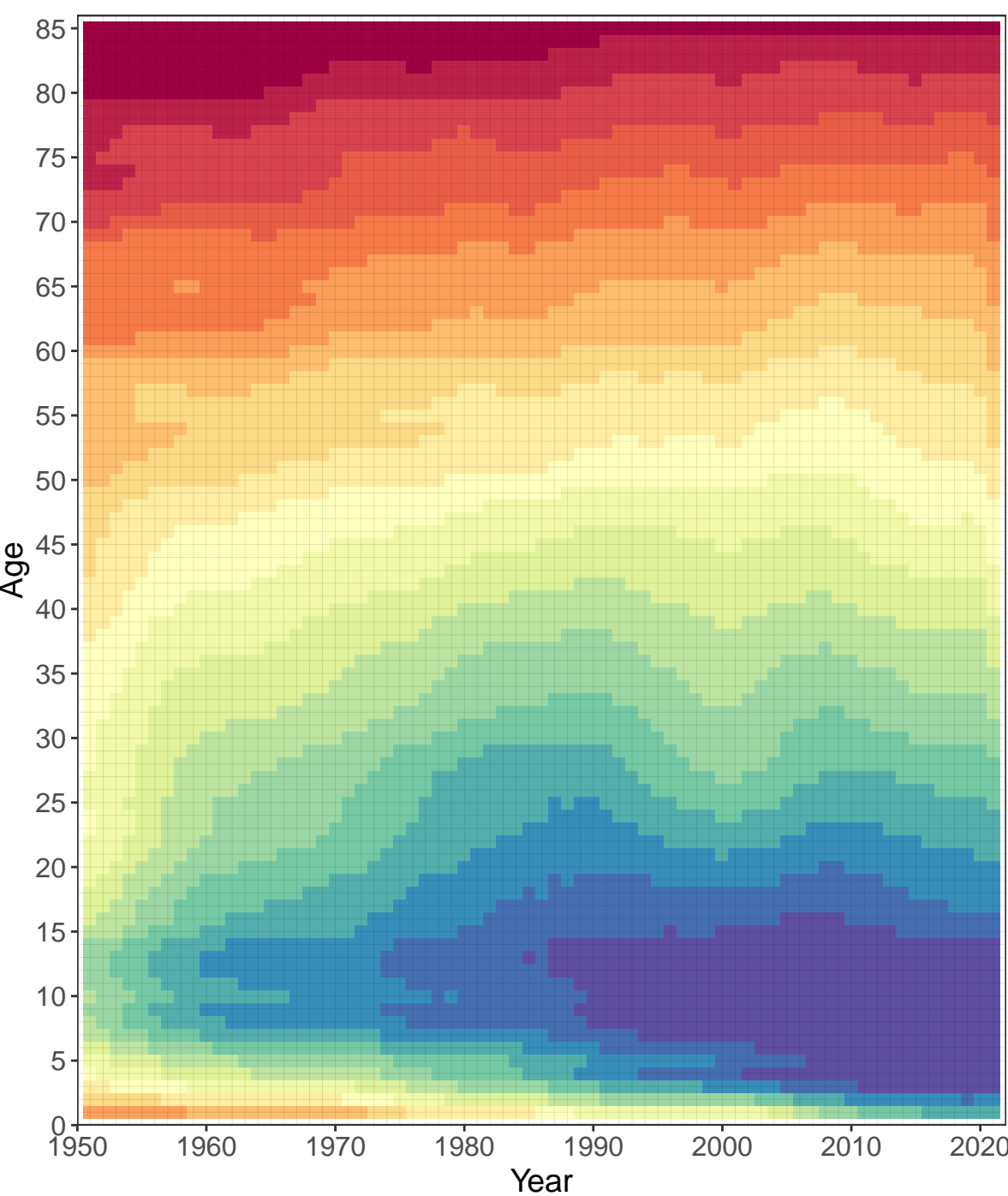


Appendix 2 Figure S4: Haiti mortality rates, 1950–2023

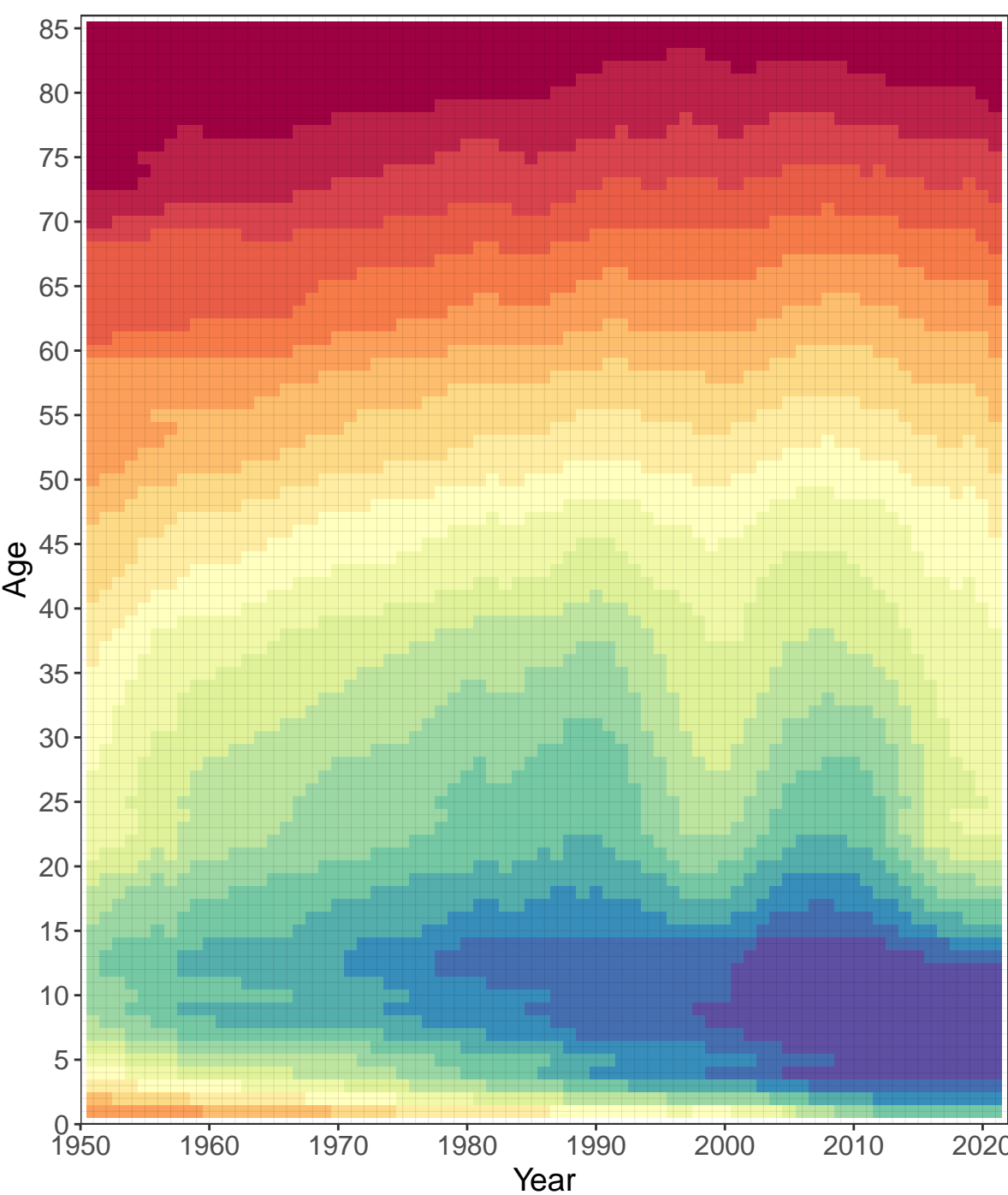


Appendix 2 Figure S4: Jamaica mortality rates, 1950–2023

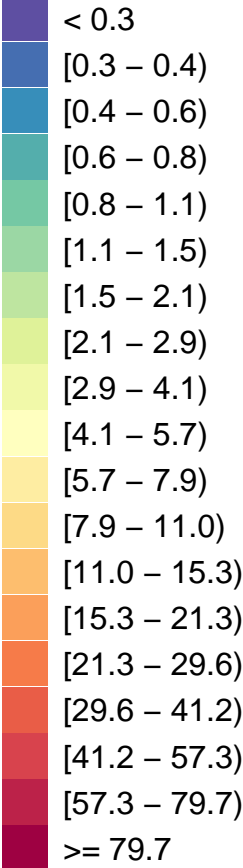
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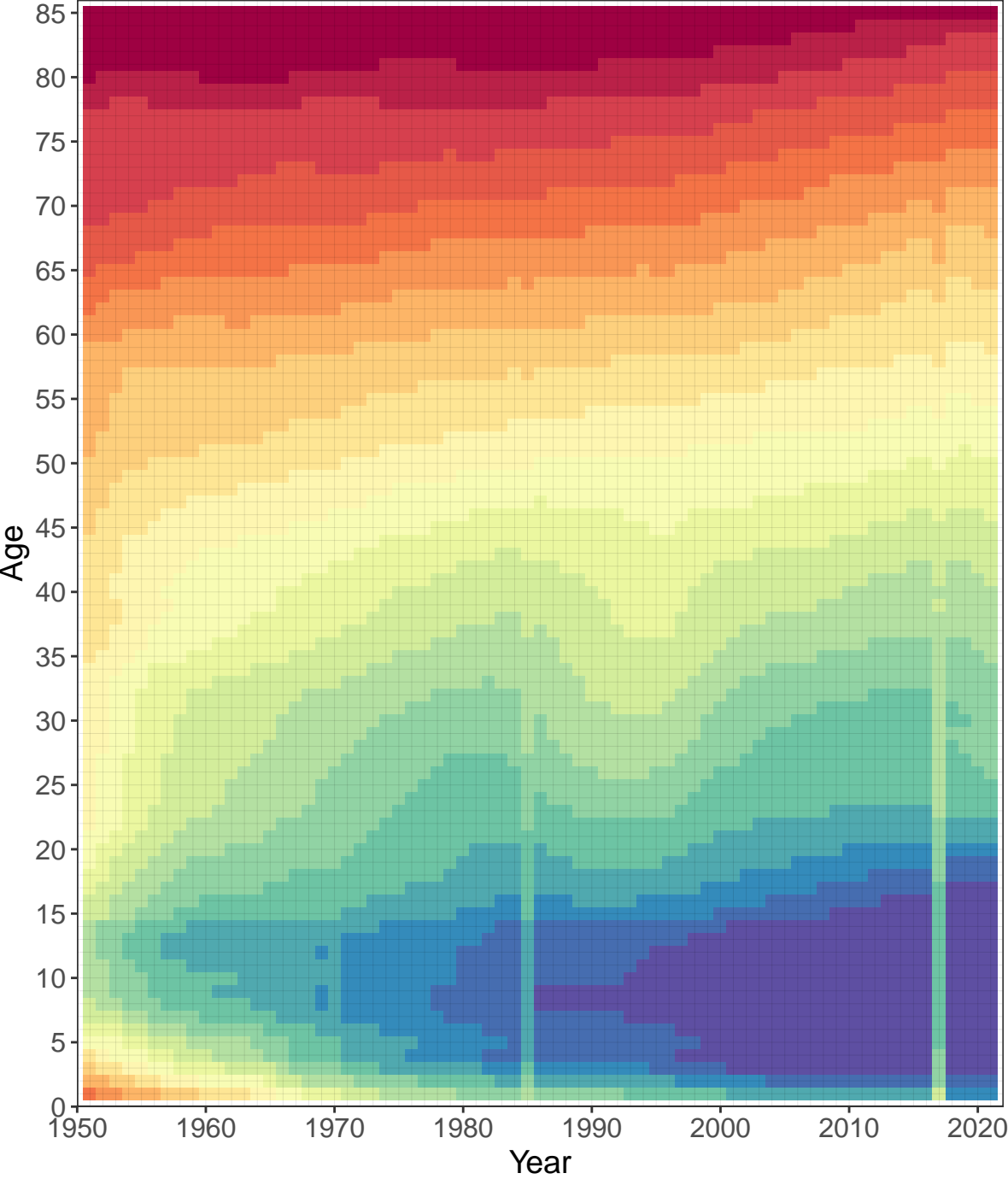


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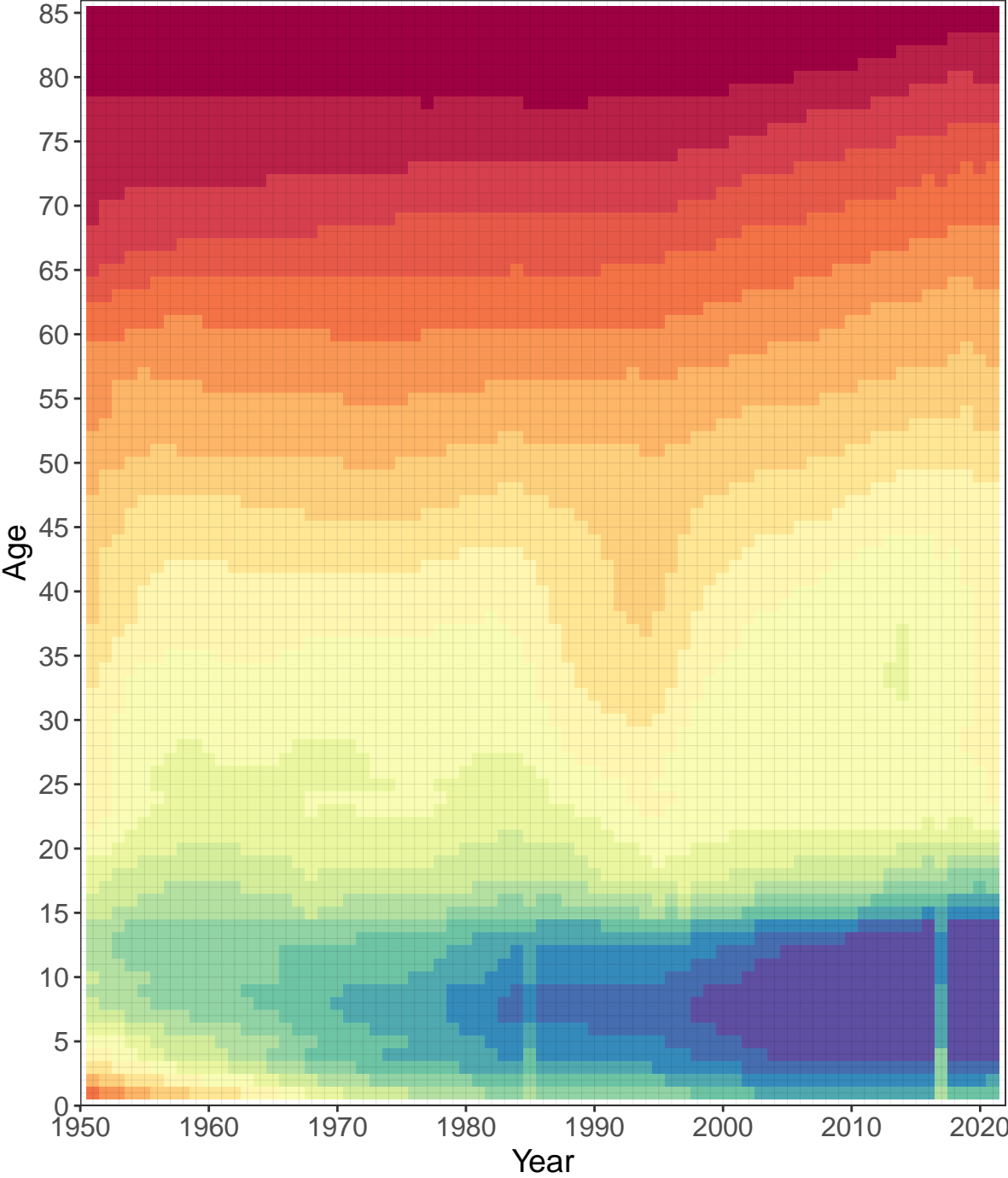


Appendix 2 Figure S4: Puerto Rico mortality rates, 1950–2023

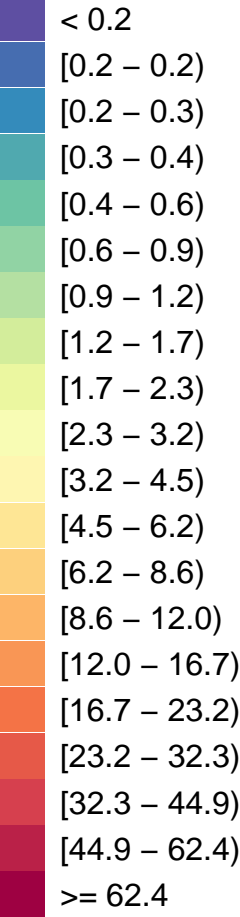
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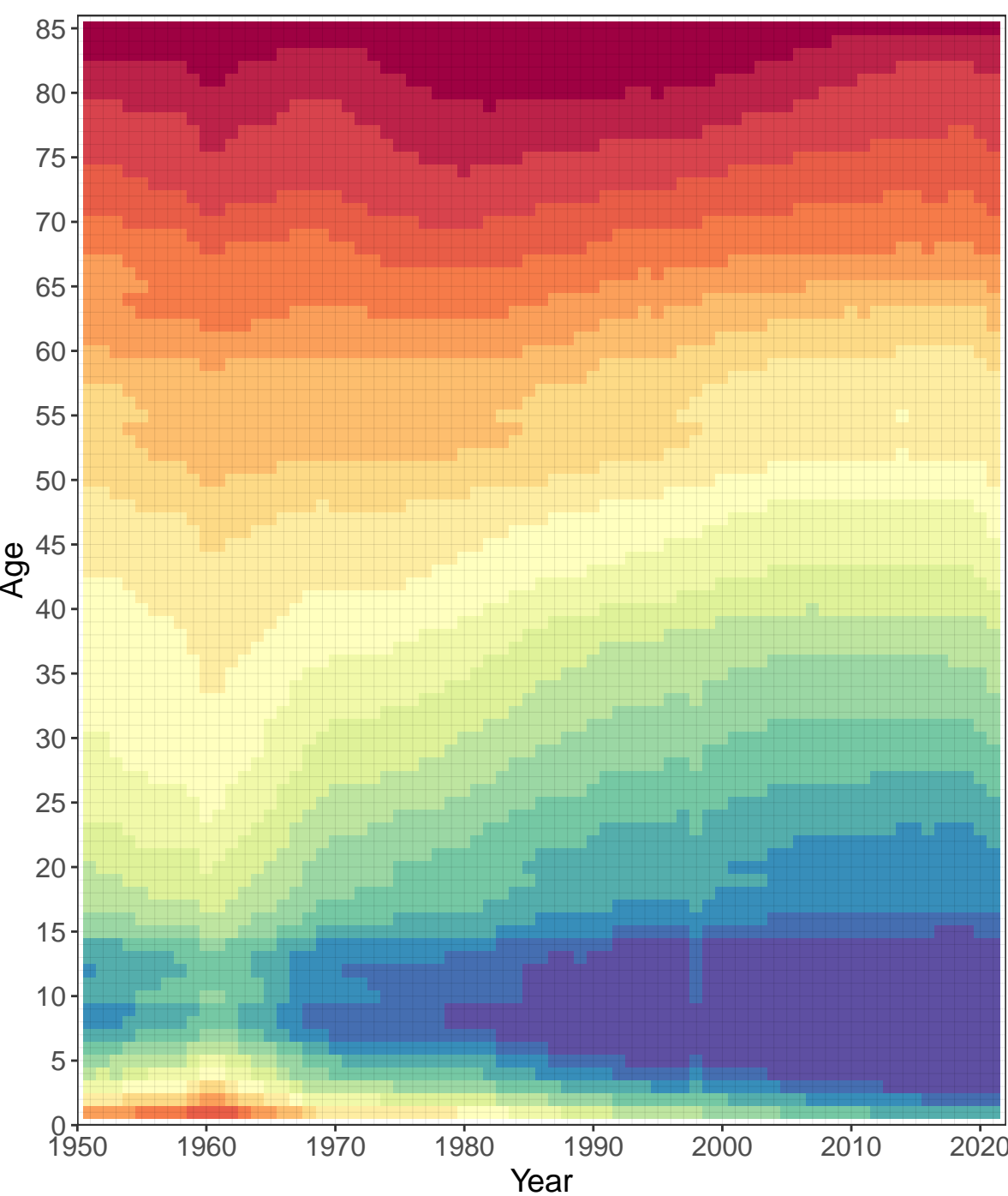


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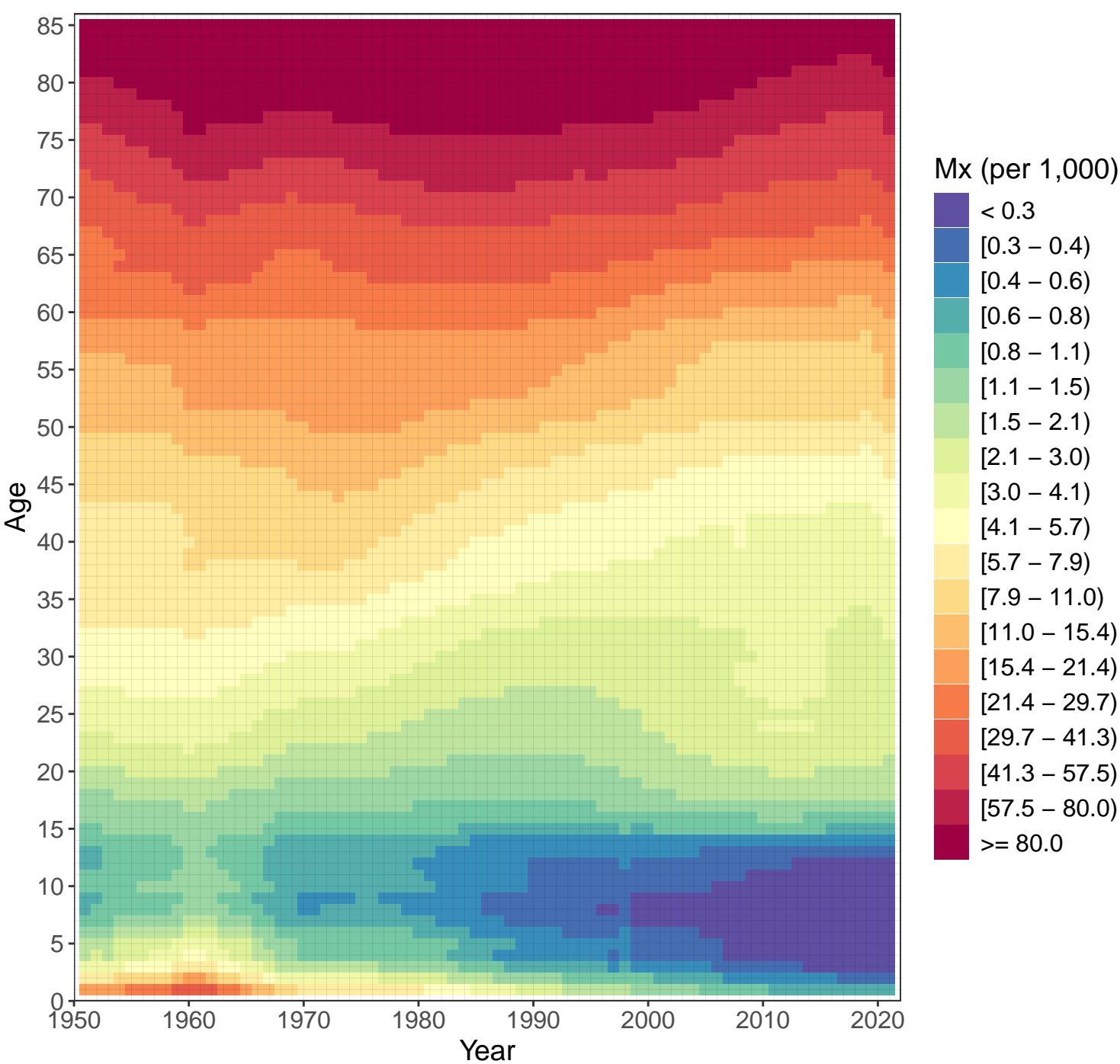


Appendix 2 Figure S4: Saint Kitts and Nevis mortality rates, 1950–2023

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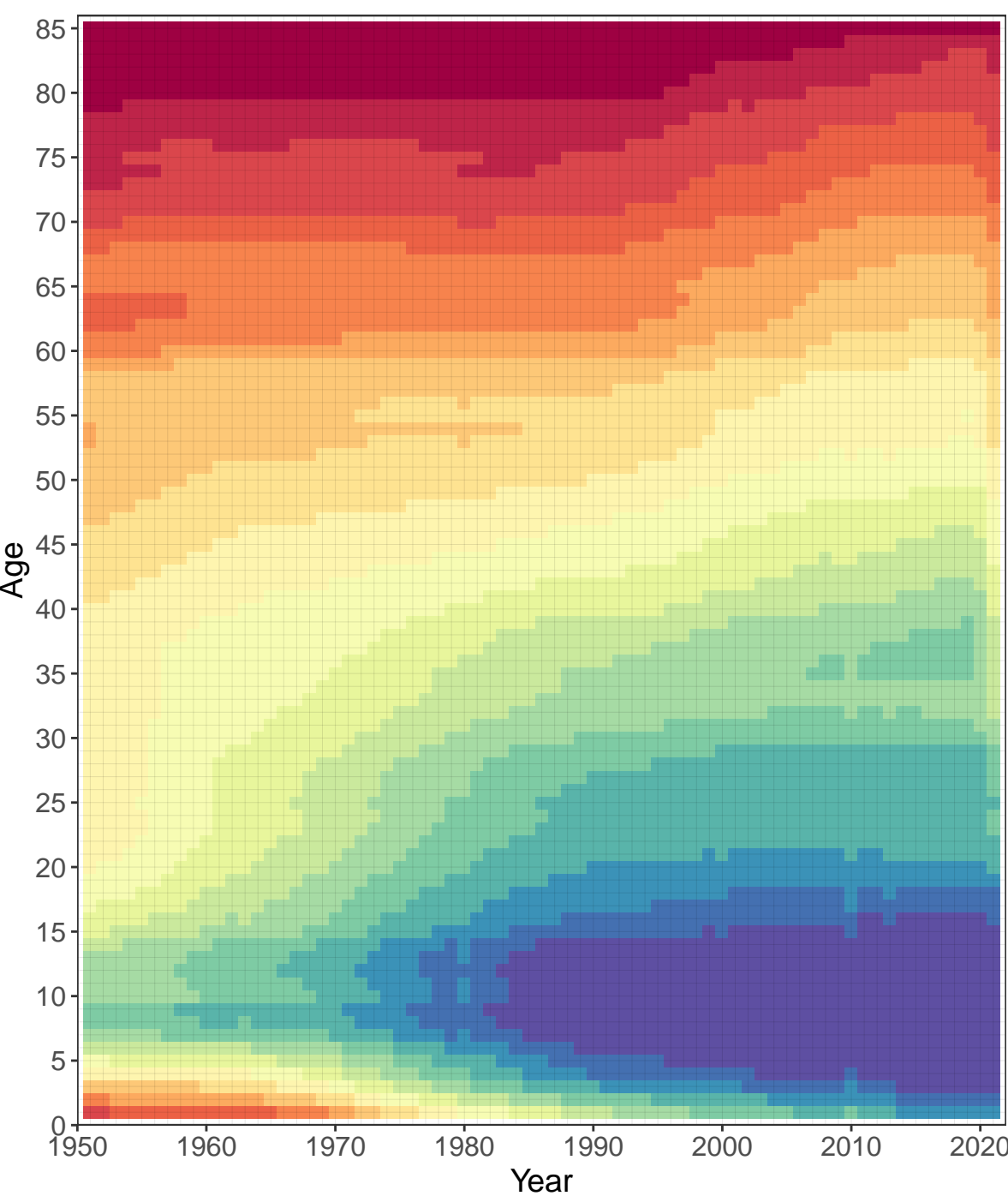


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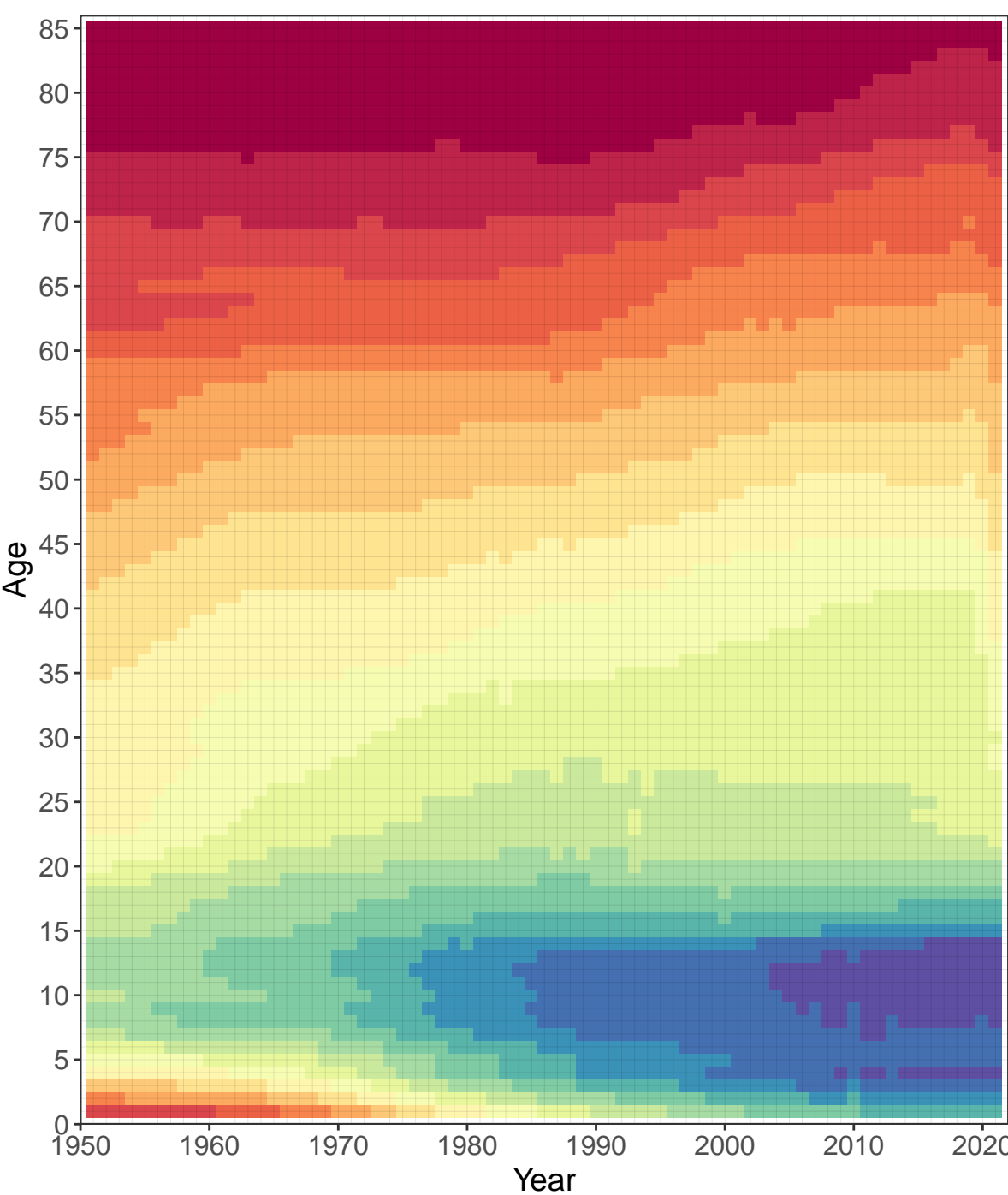


Appendix 2 Figure S4: Saint Lucia mortality rates, 1950–2023

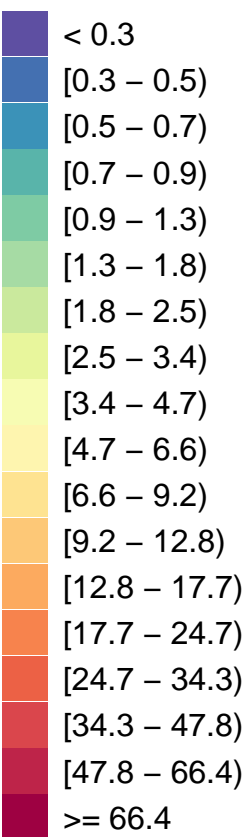
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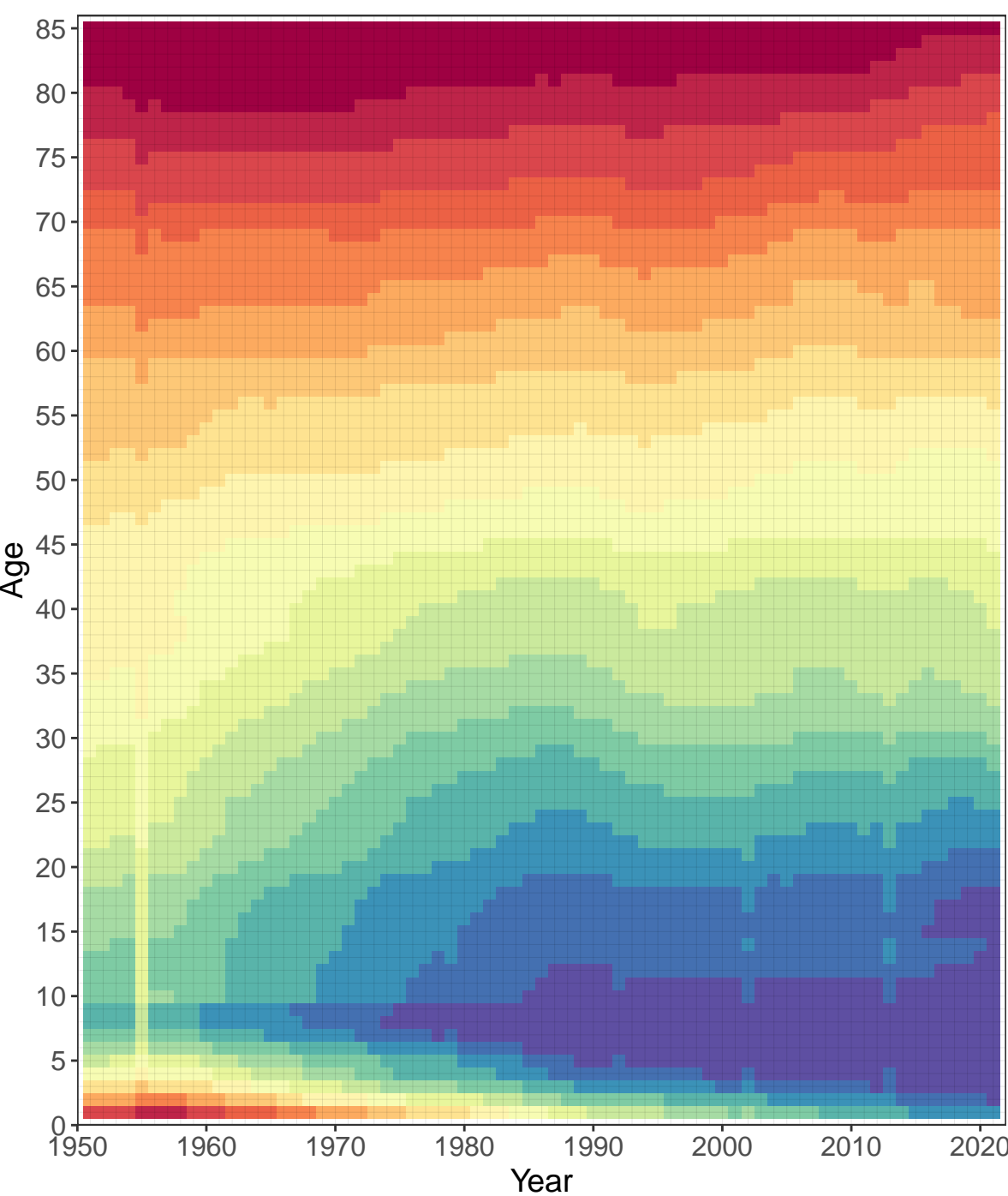


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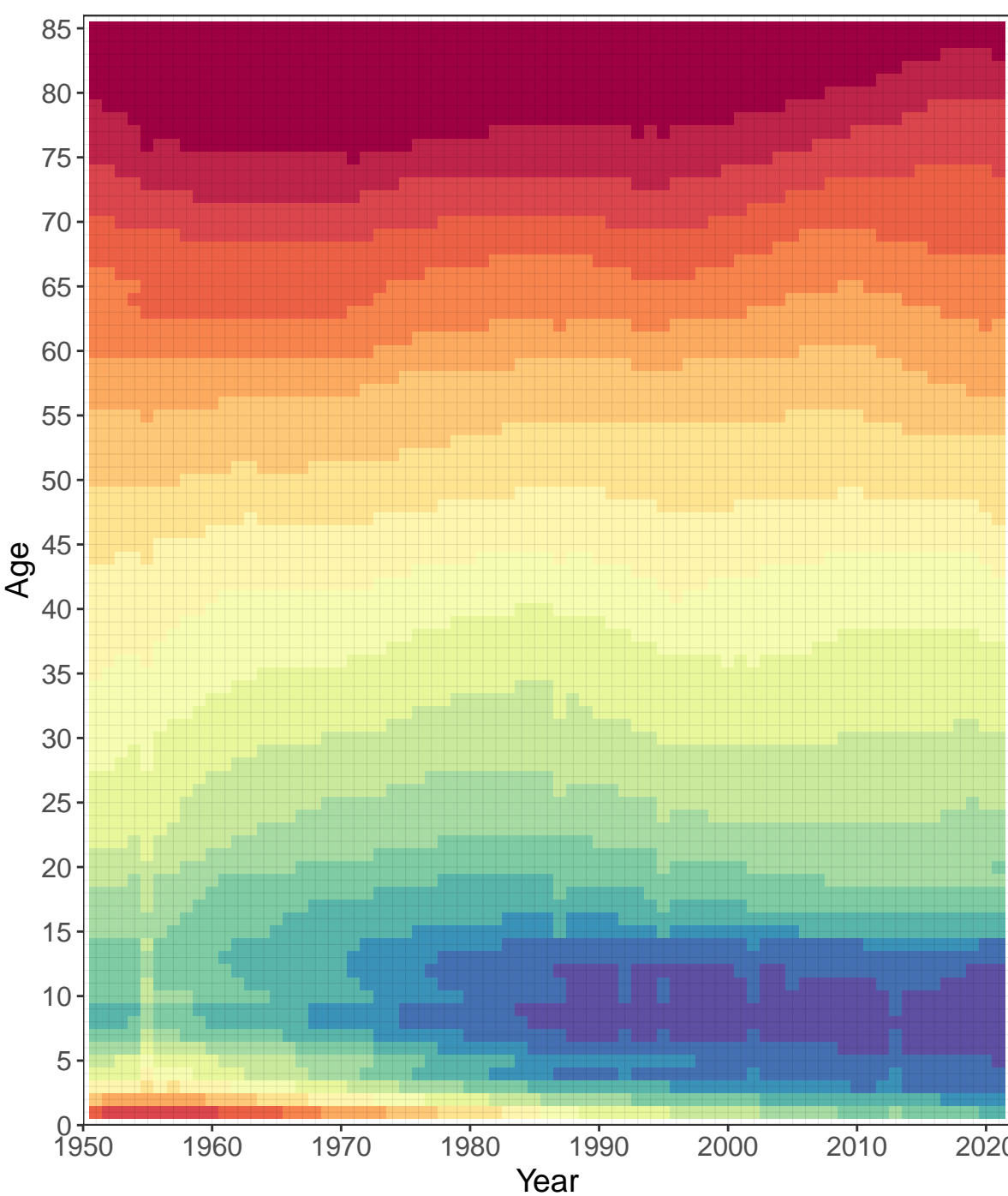


Appendix 2 Figure S4: Saint Vincent and the Grenadines mortality rates, 1950–2023

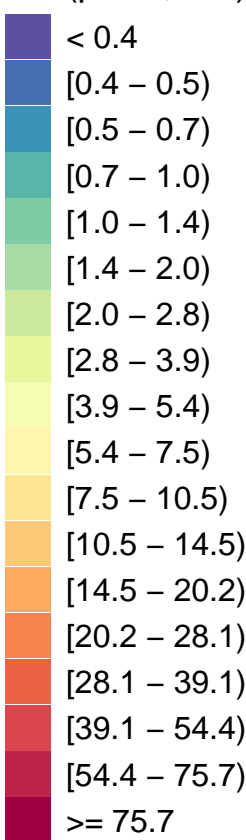
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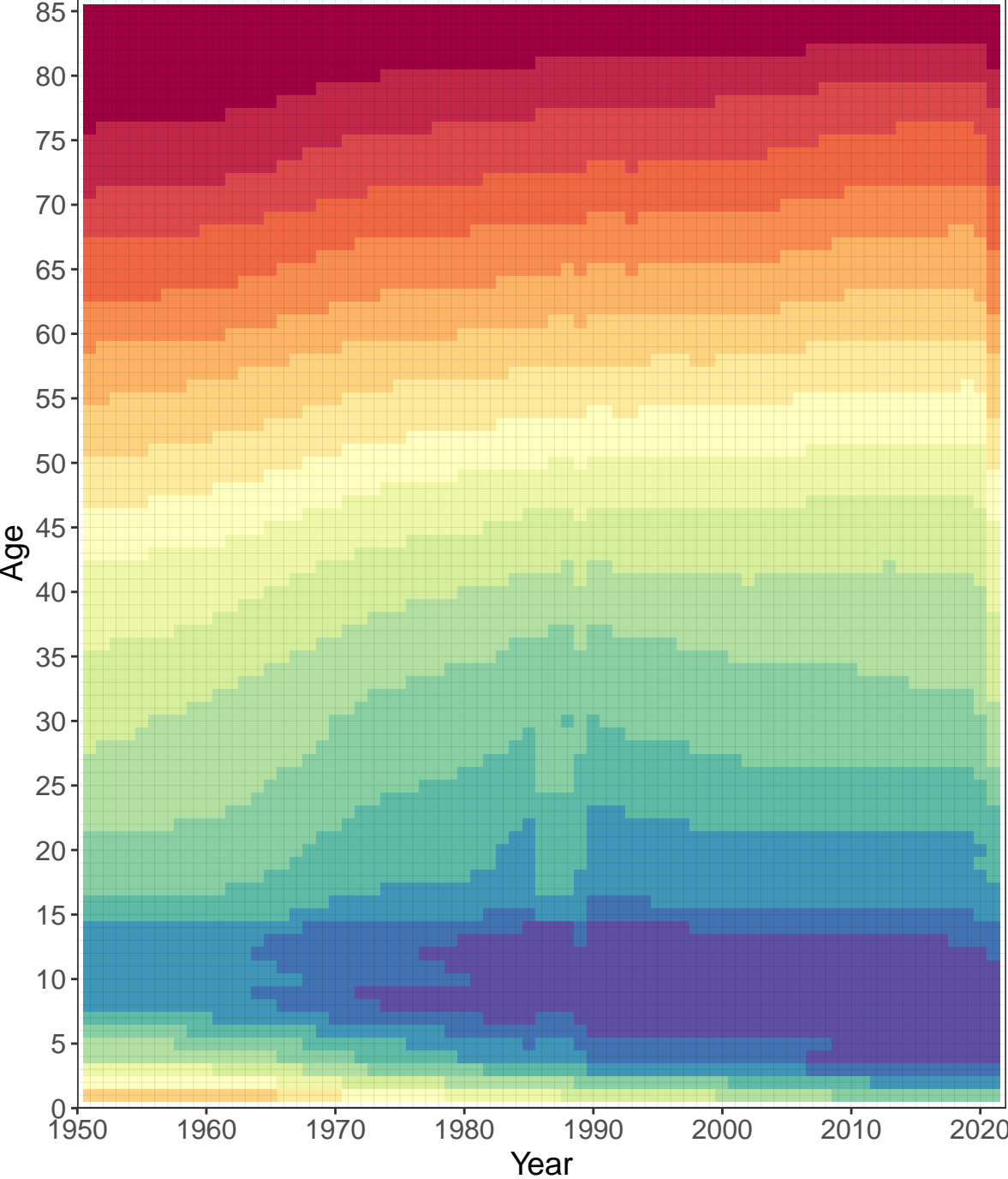


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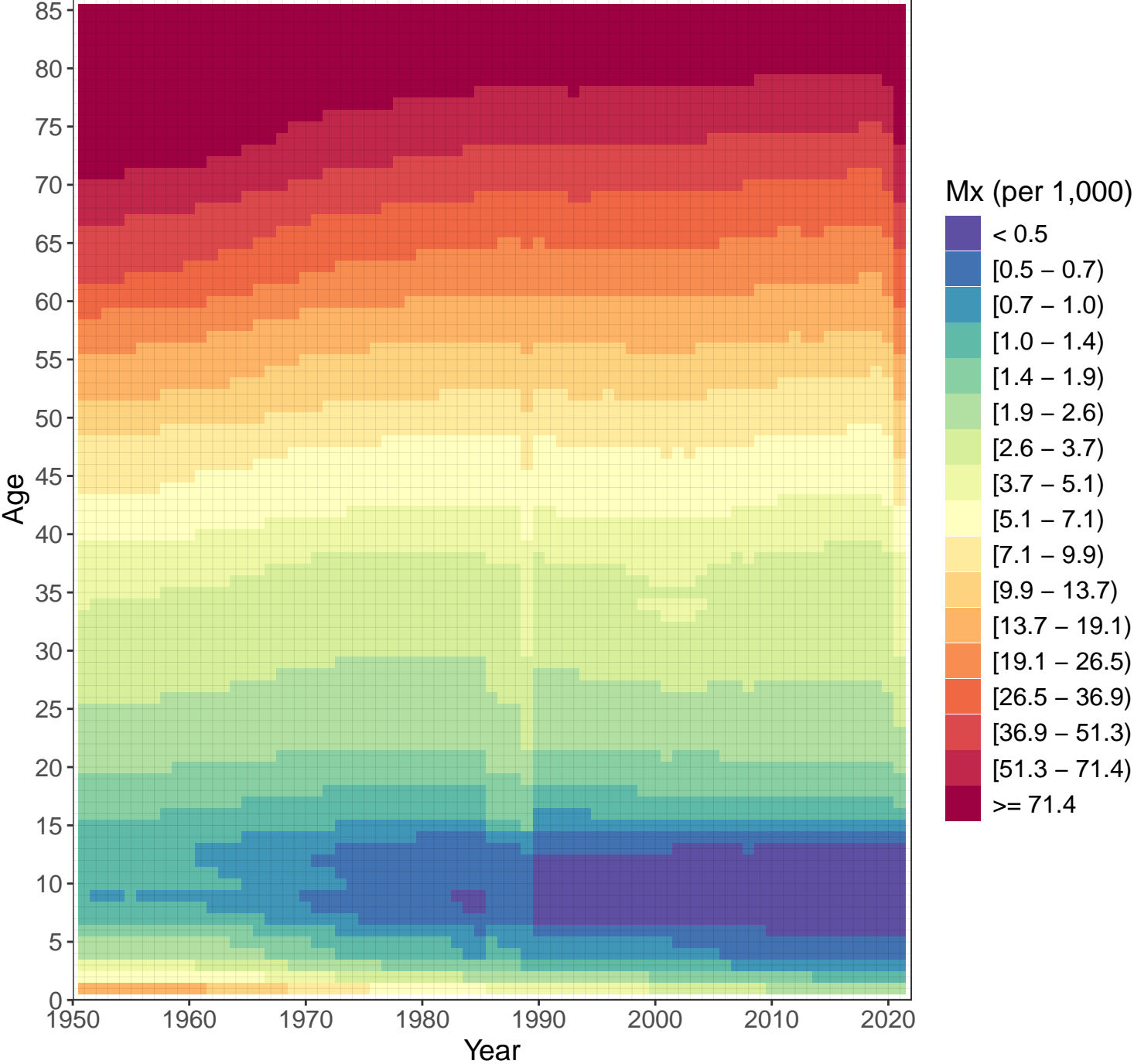


Appendix 2 Figure S4: Suriname mortality rates, 1950–2023

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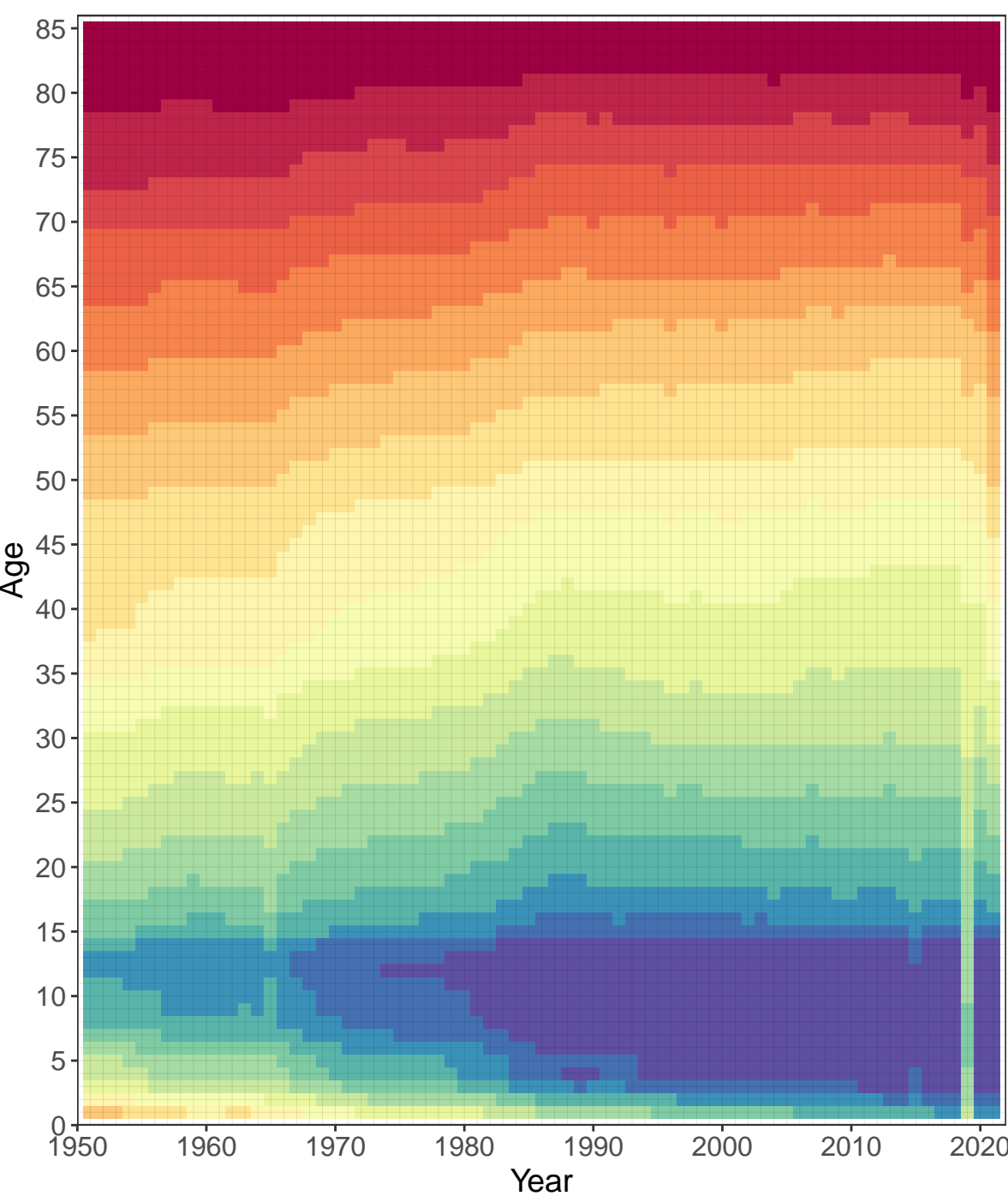


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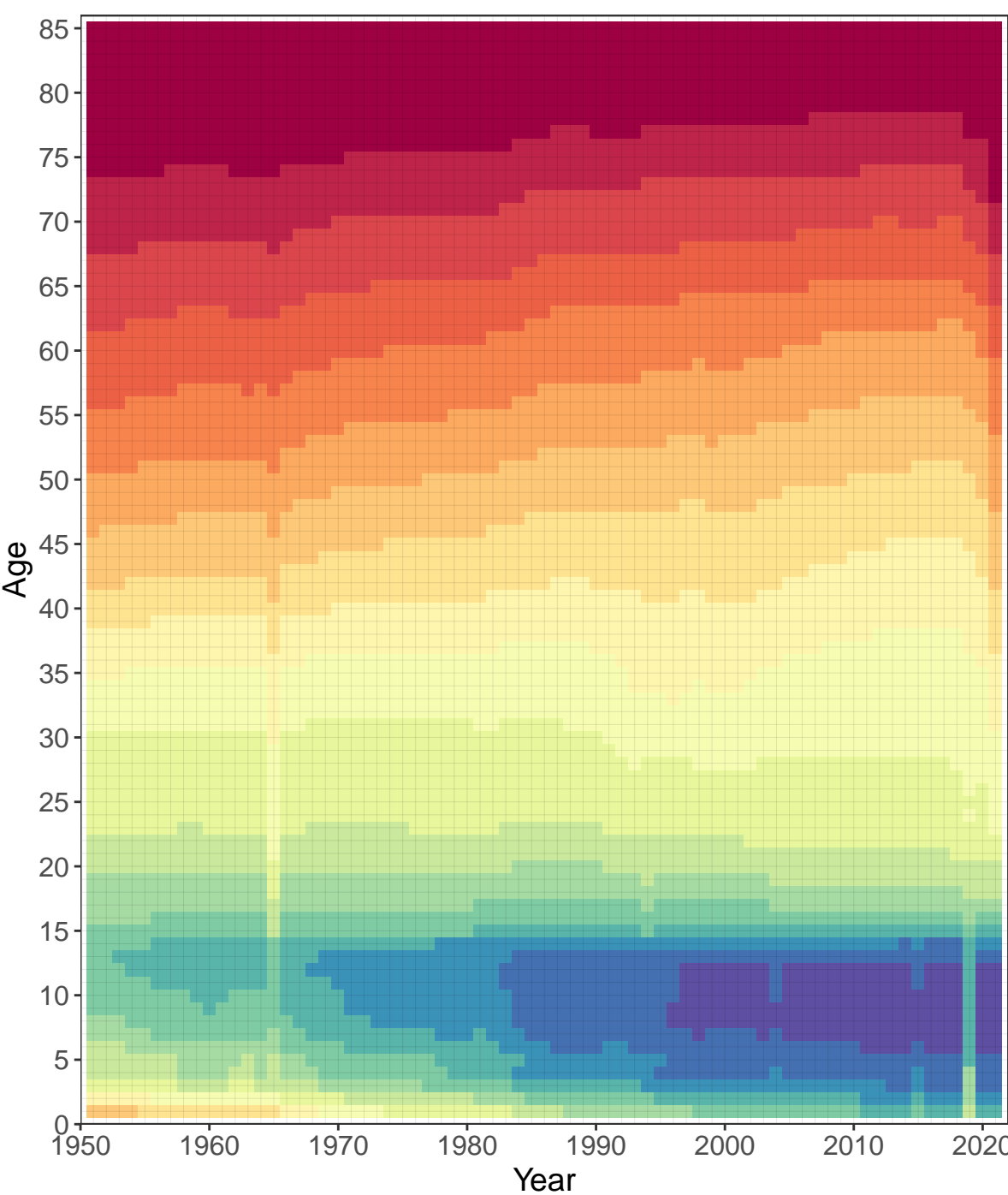


Appendix 2 Figure S4: The Bahamas mortality rates, 1950–2023

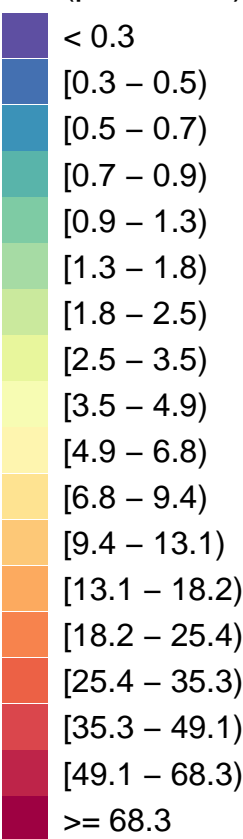
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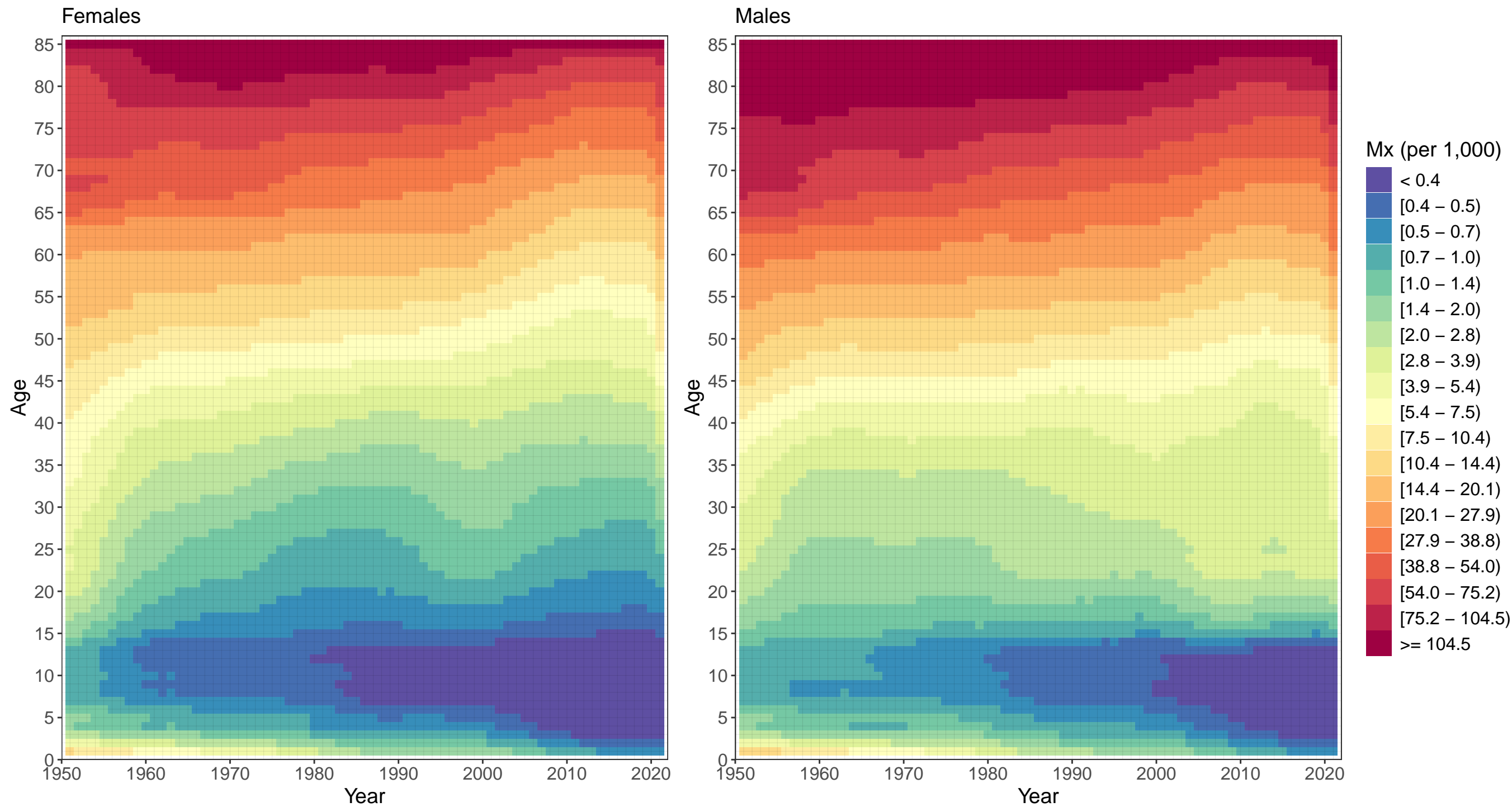
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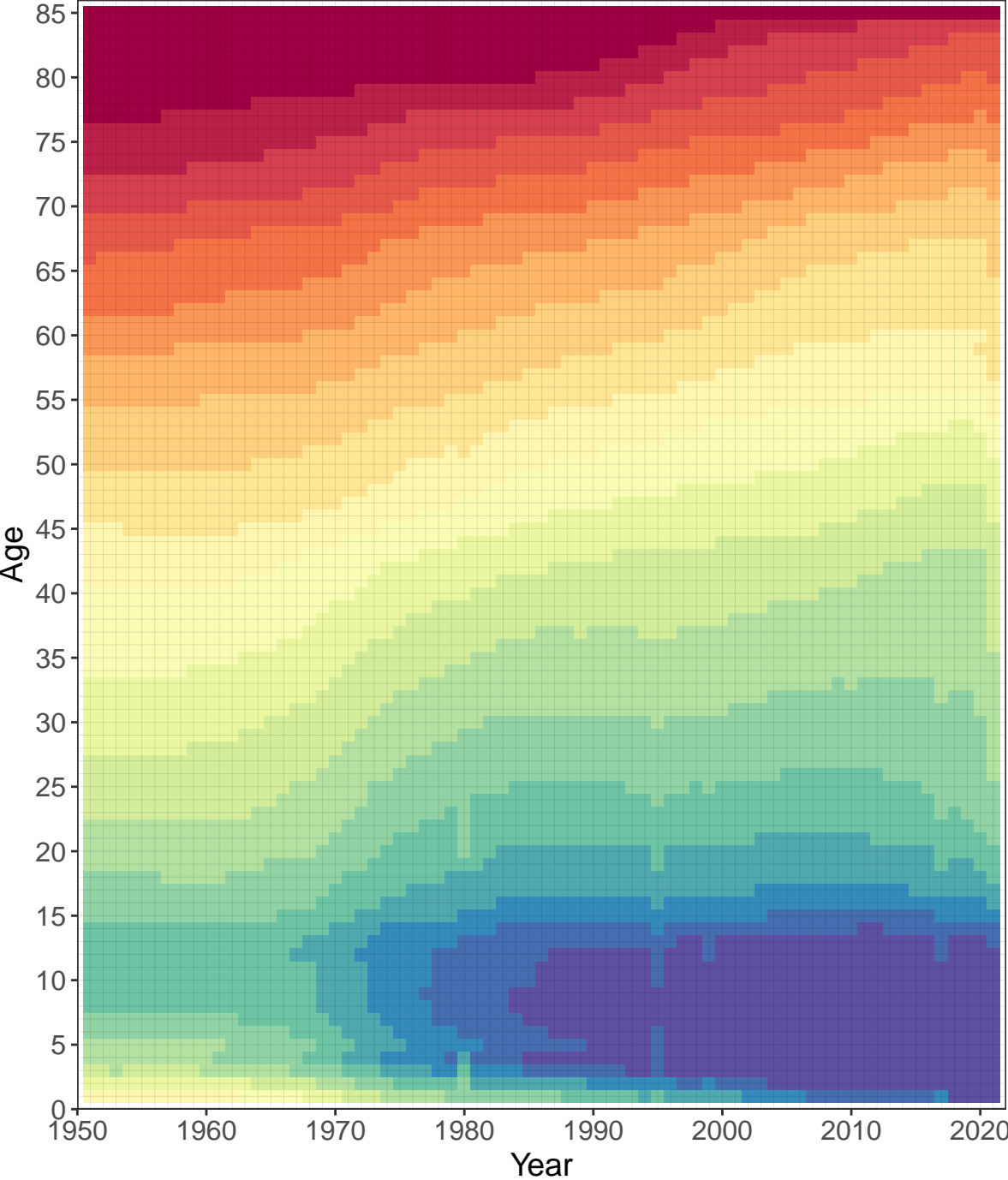


Appendix 2 Figure S4: Trinidad and Tobago mortality rates, 1950–2023

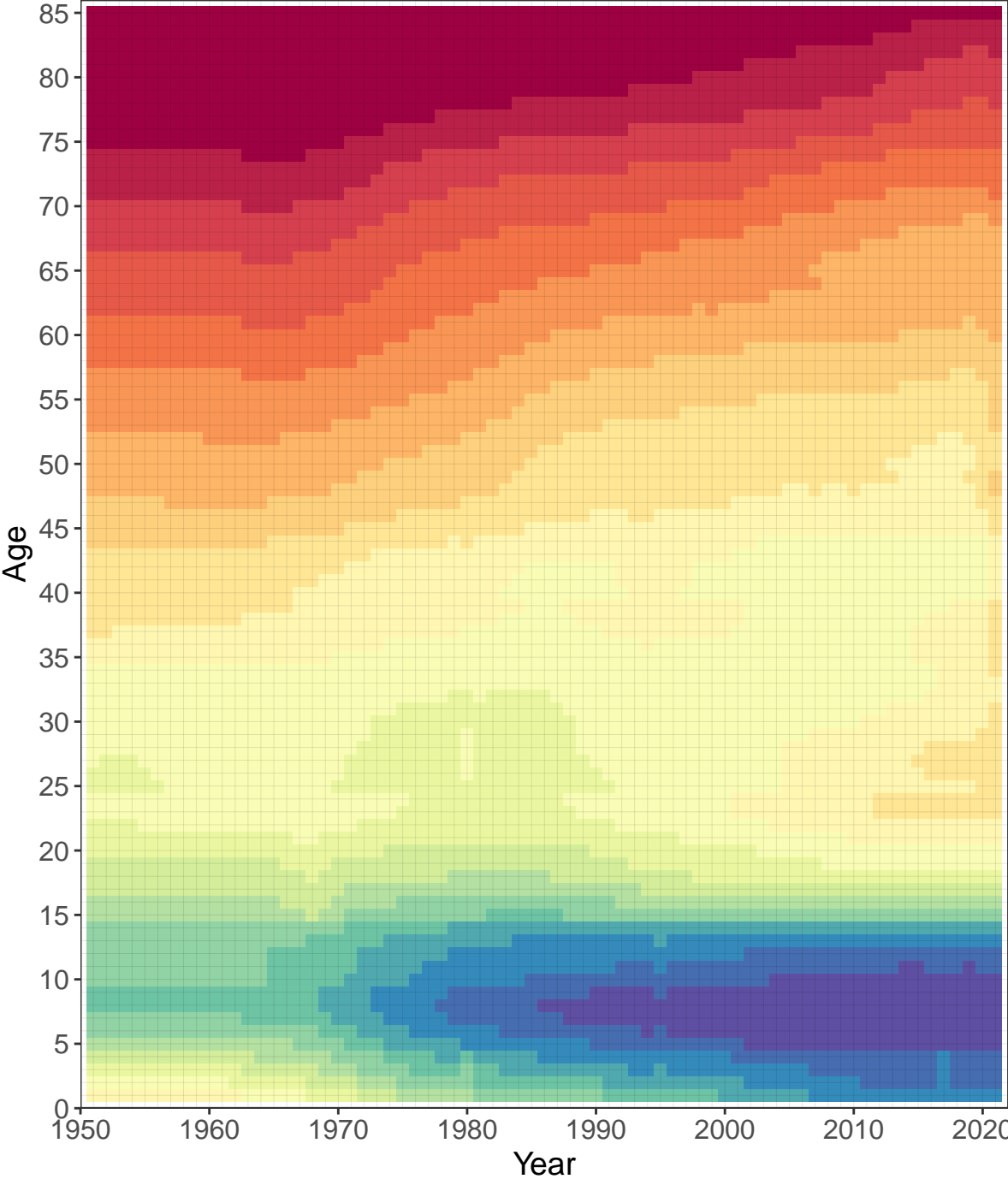


Appendix 2 Figure S4: Virgin Islands mortality rates, 1950–2023

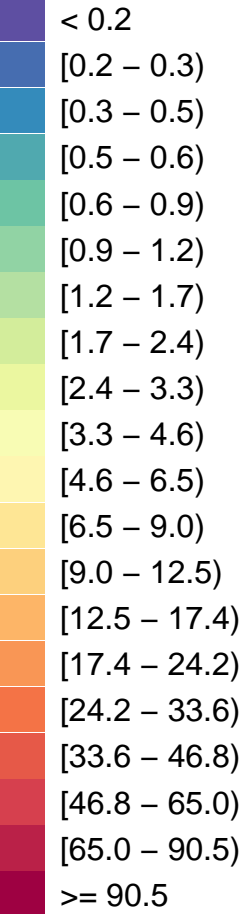
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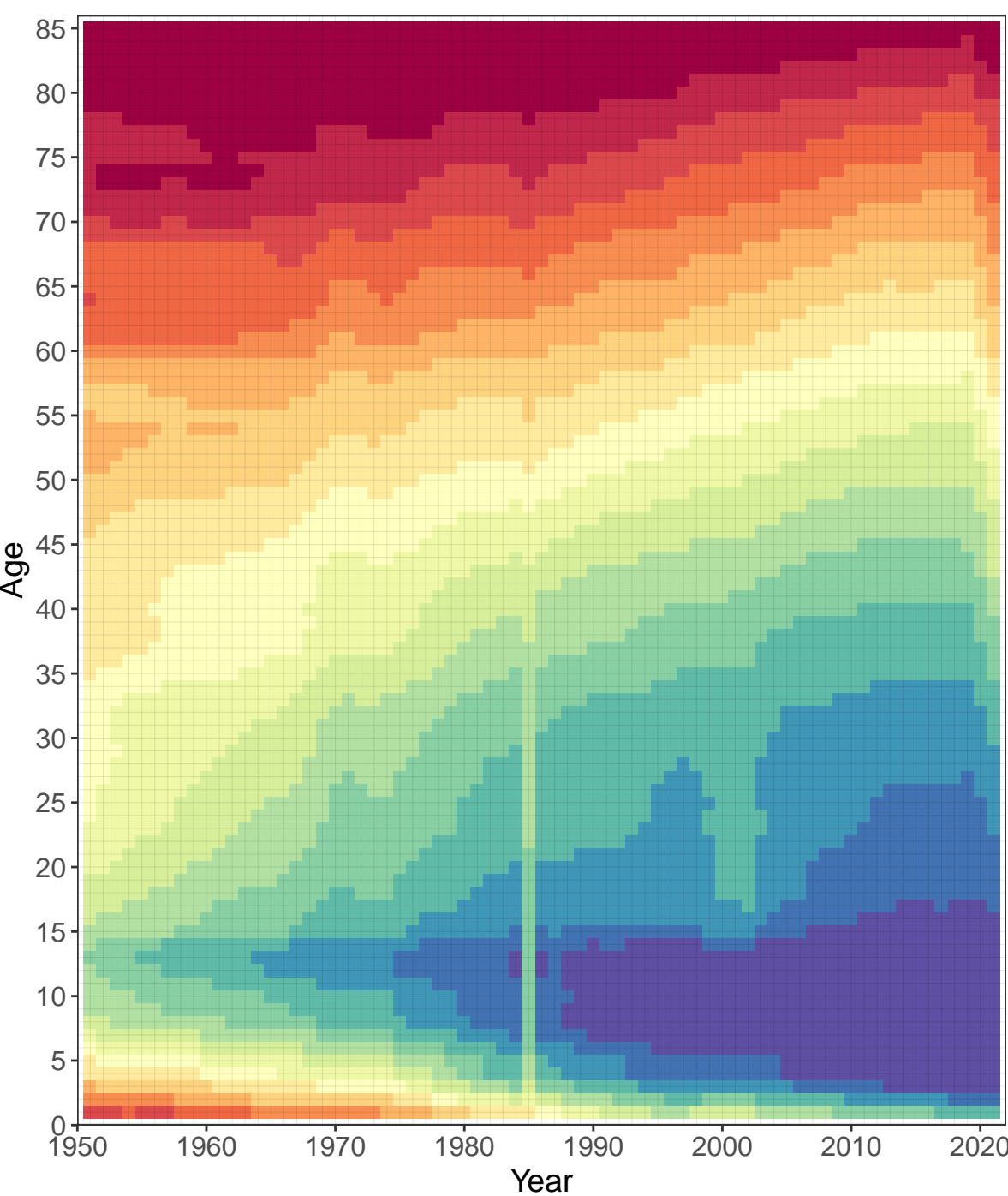


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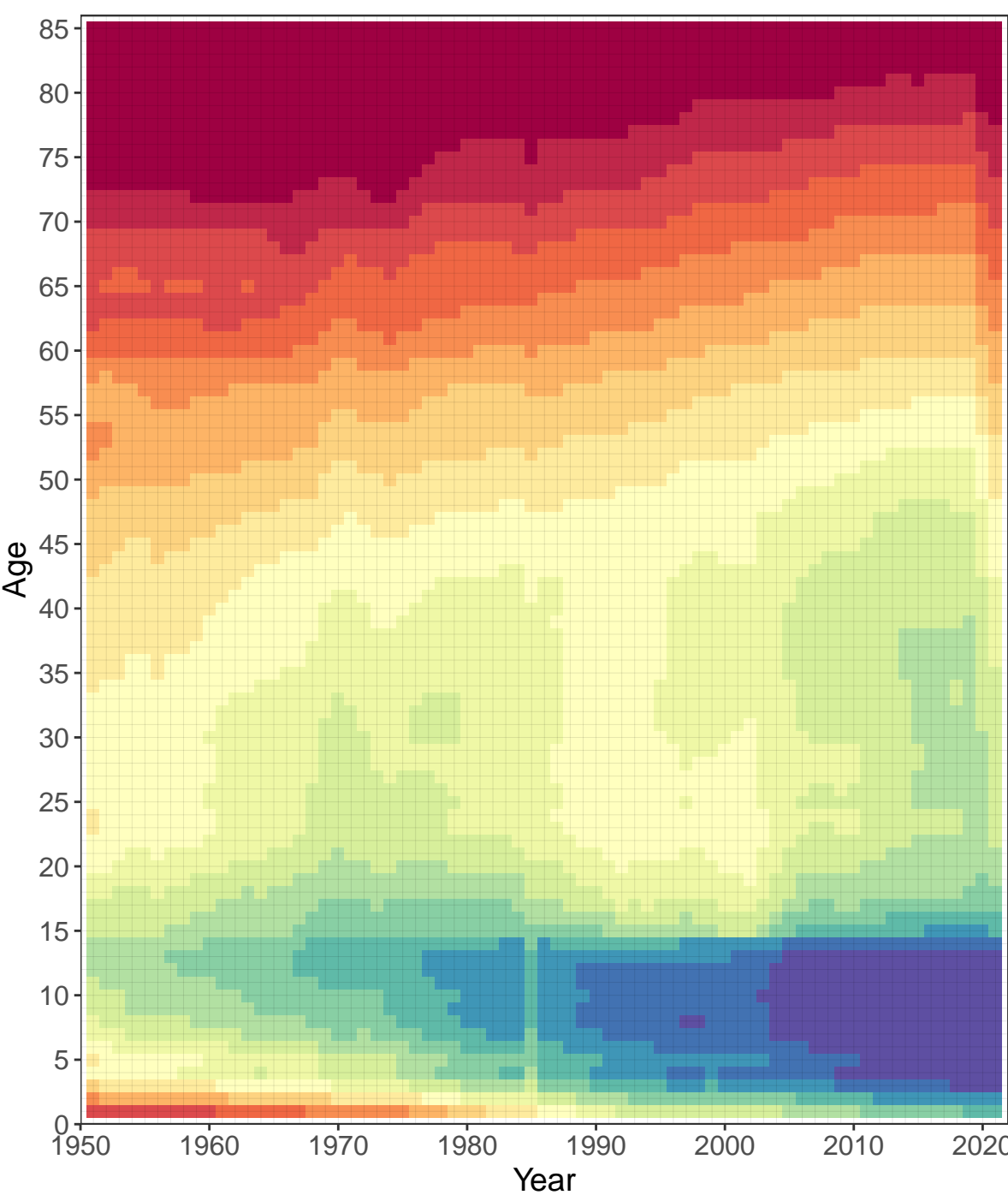


Appendix 2 Figure S4: Colombia mortality rates, 1950–2023

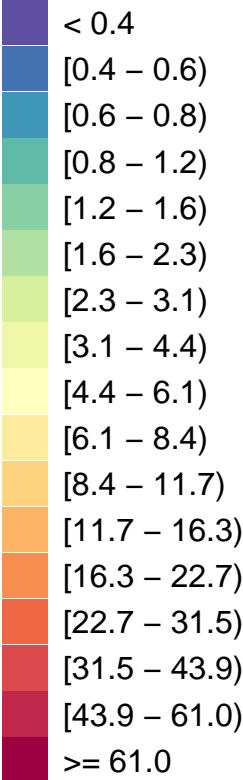
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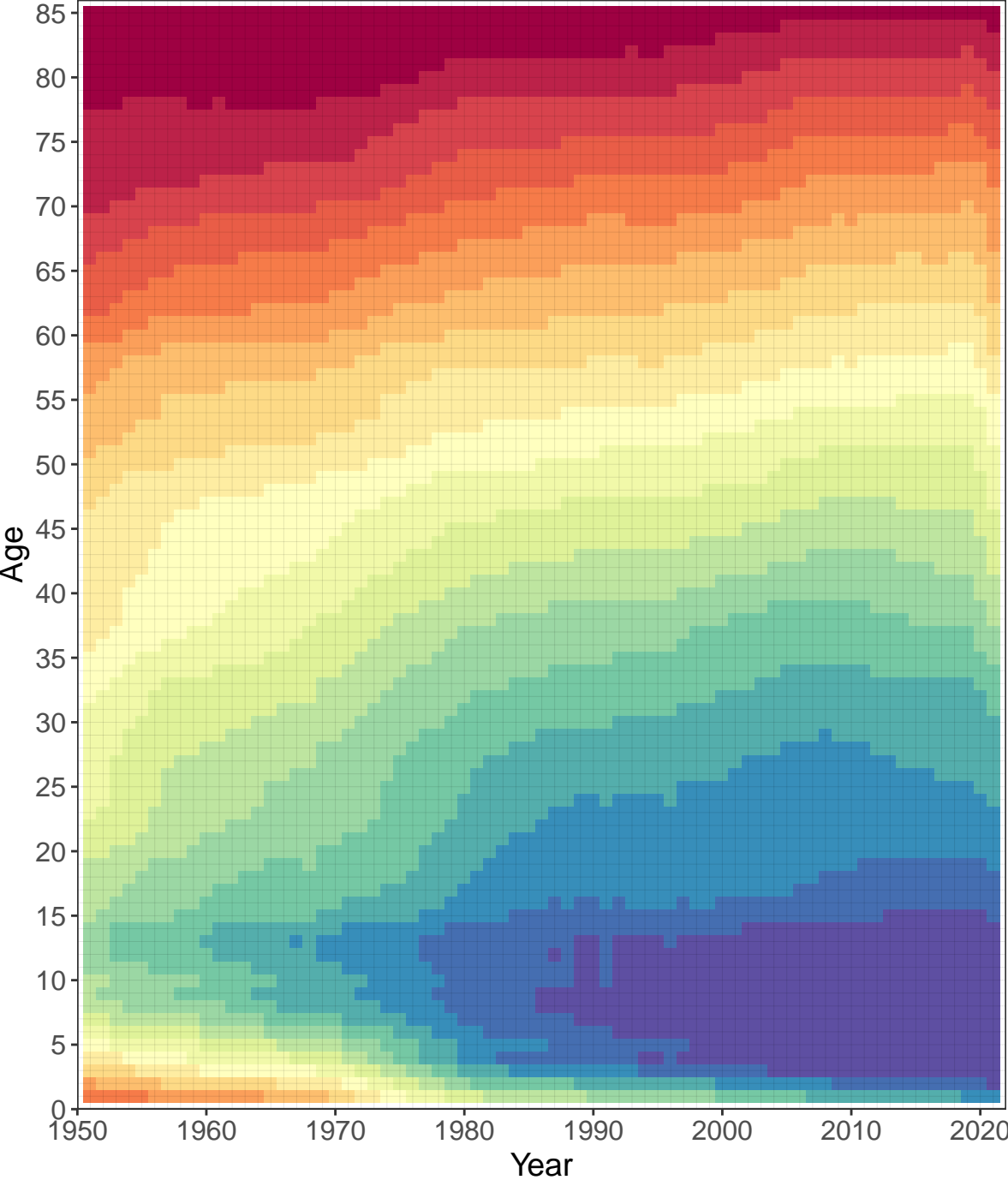


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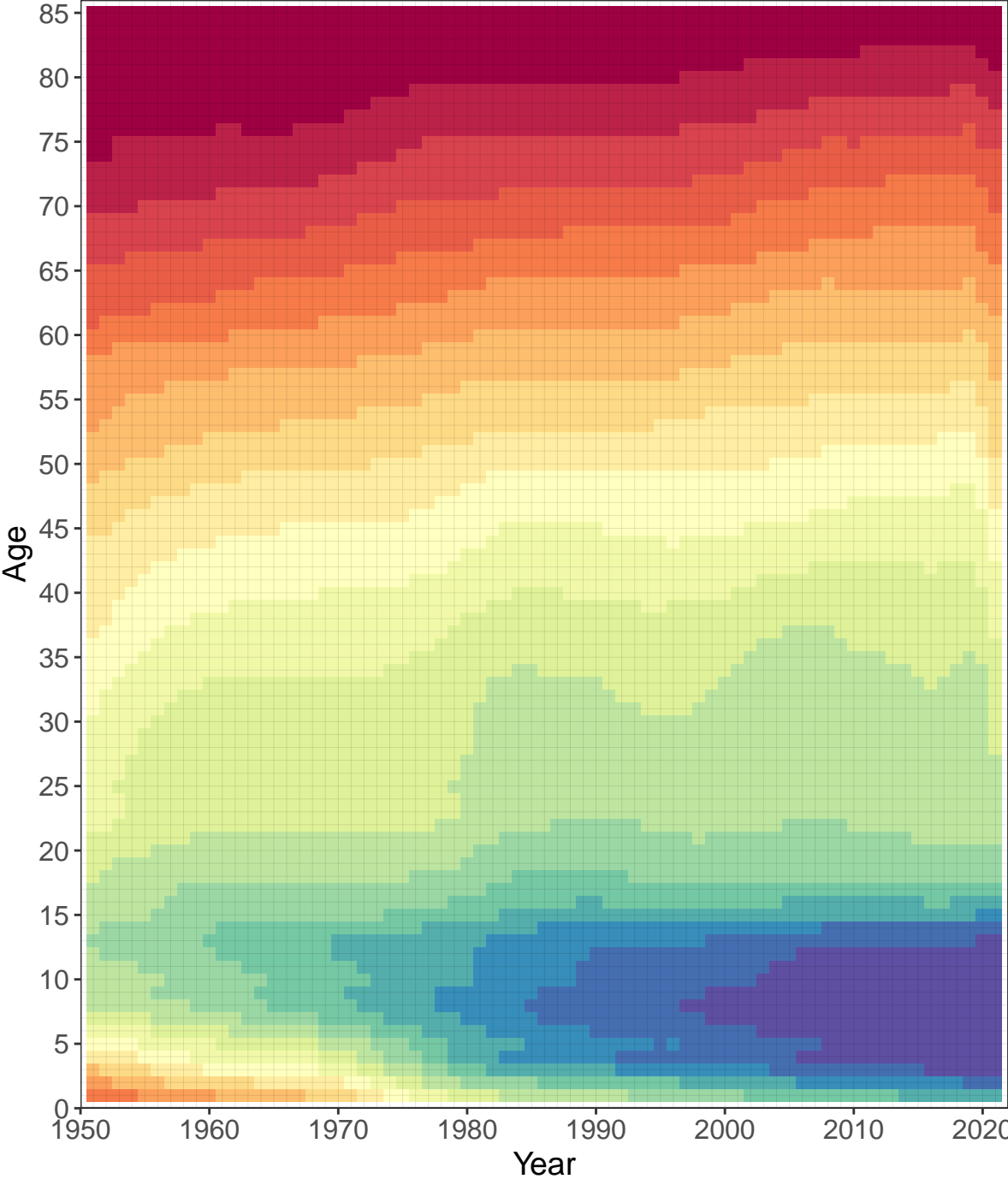


Appendix 2 Figure S4: Costa Rica mortality rates, 1950–2023

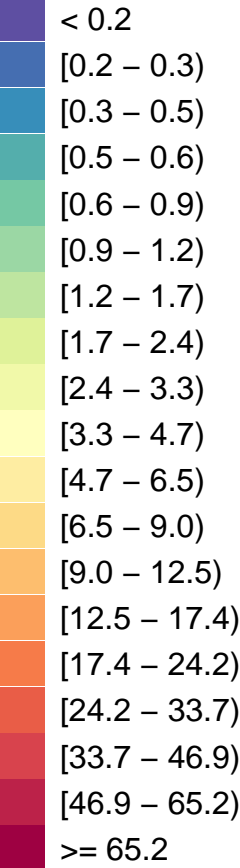
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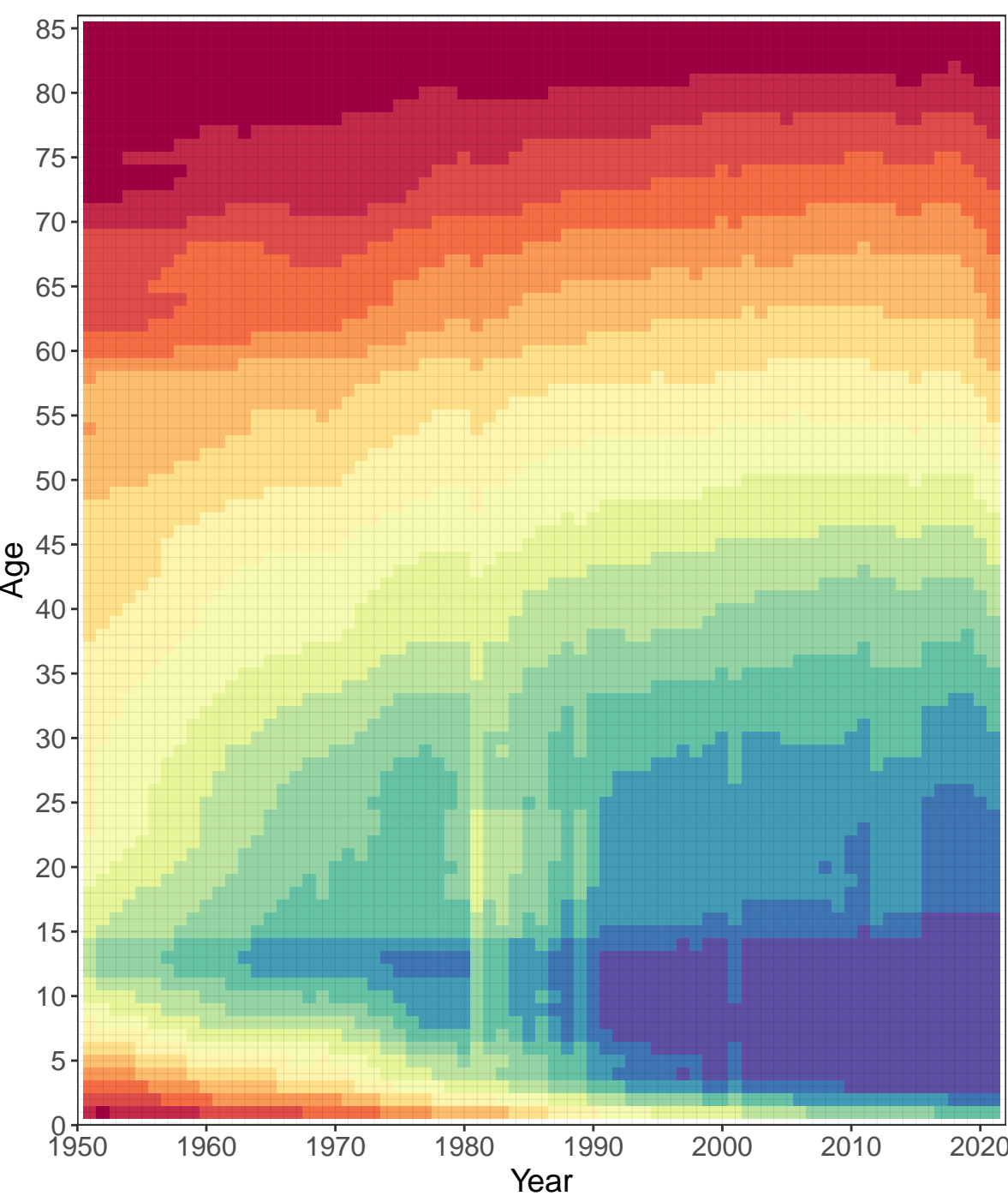


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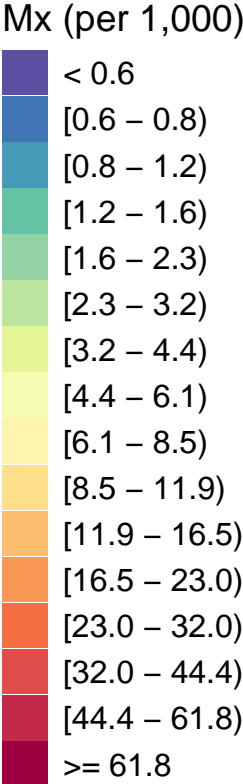
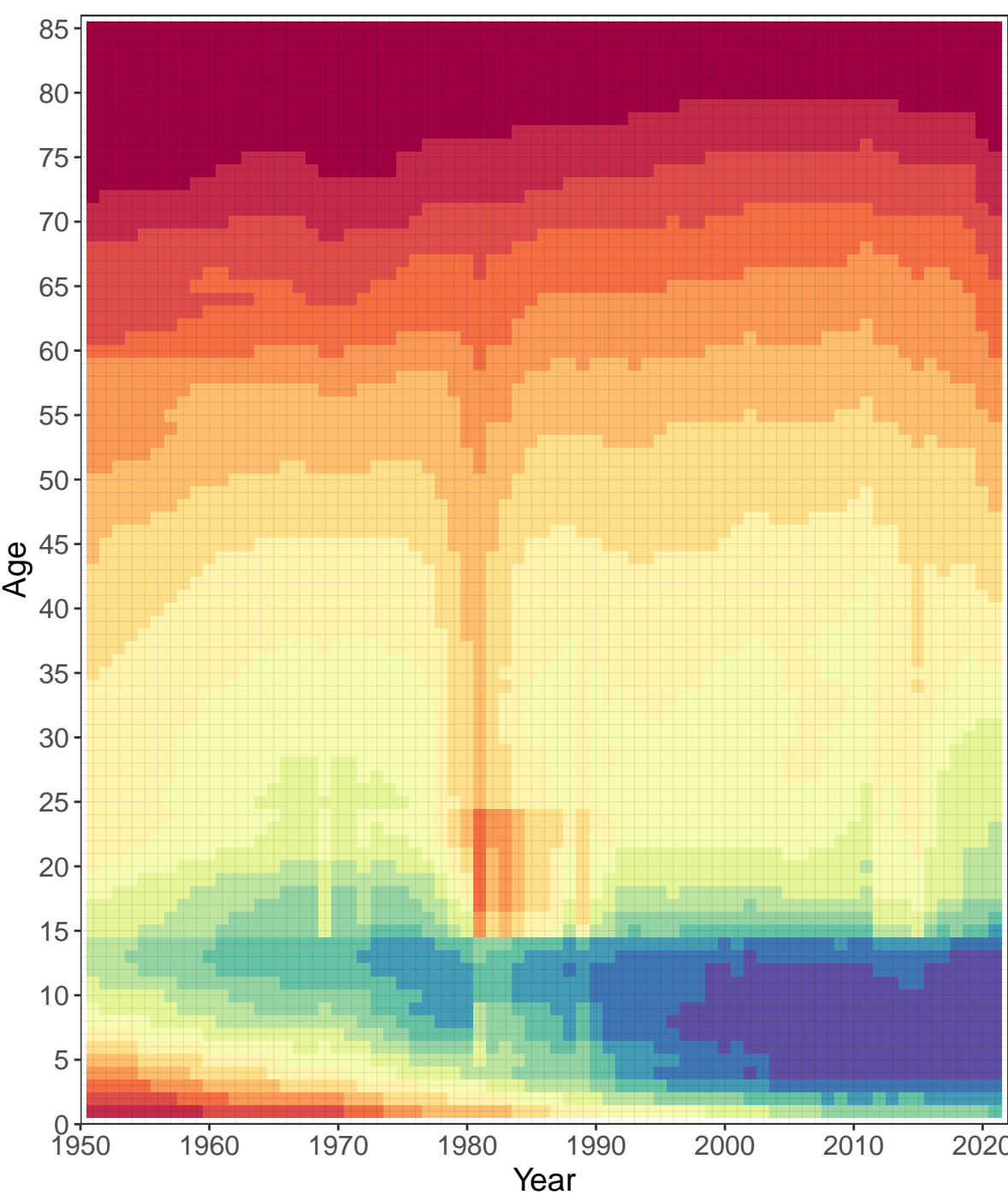


Appendix 2 Figure S4: El Salvador mortality rates, 1950–2023

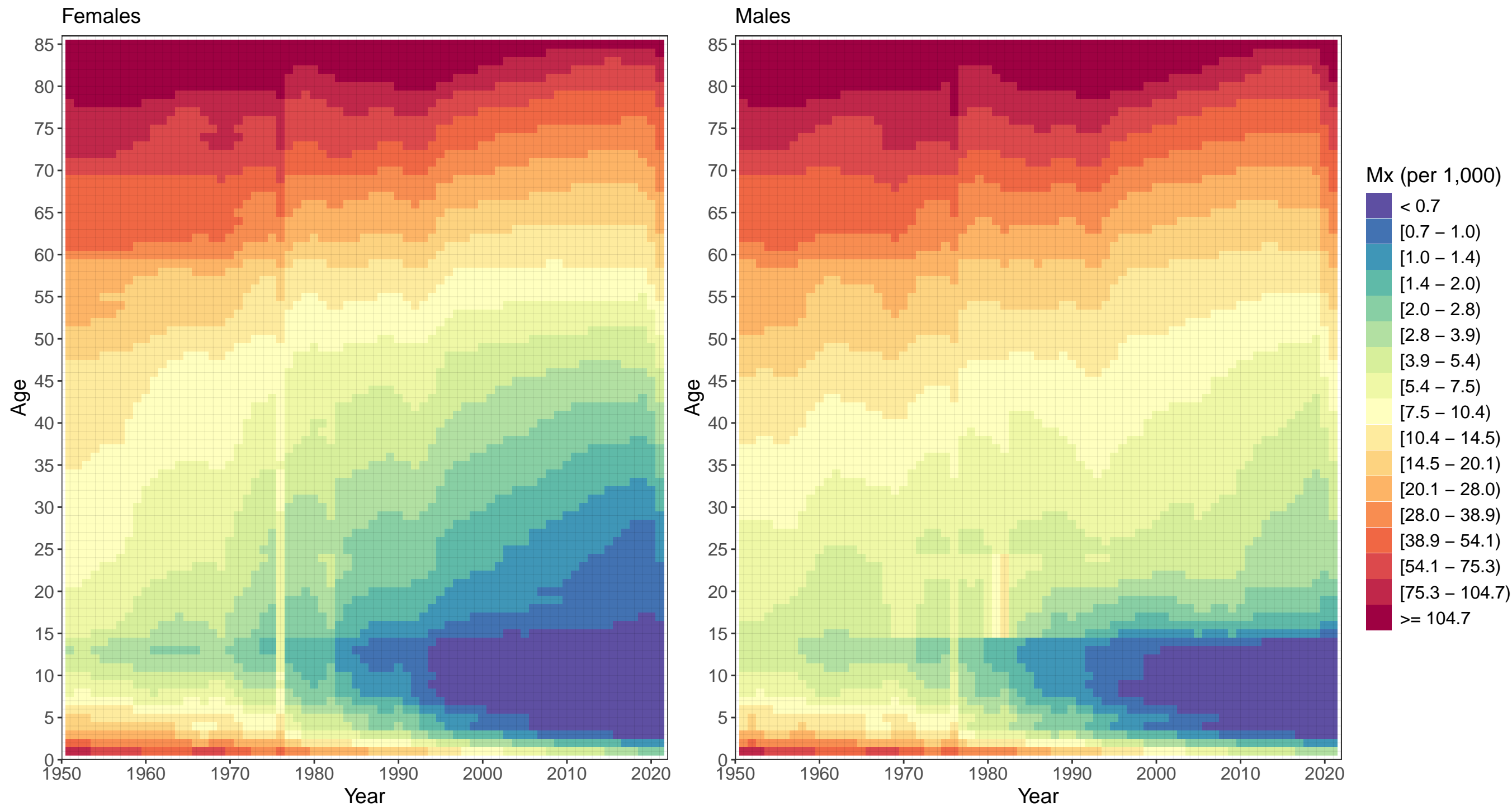
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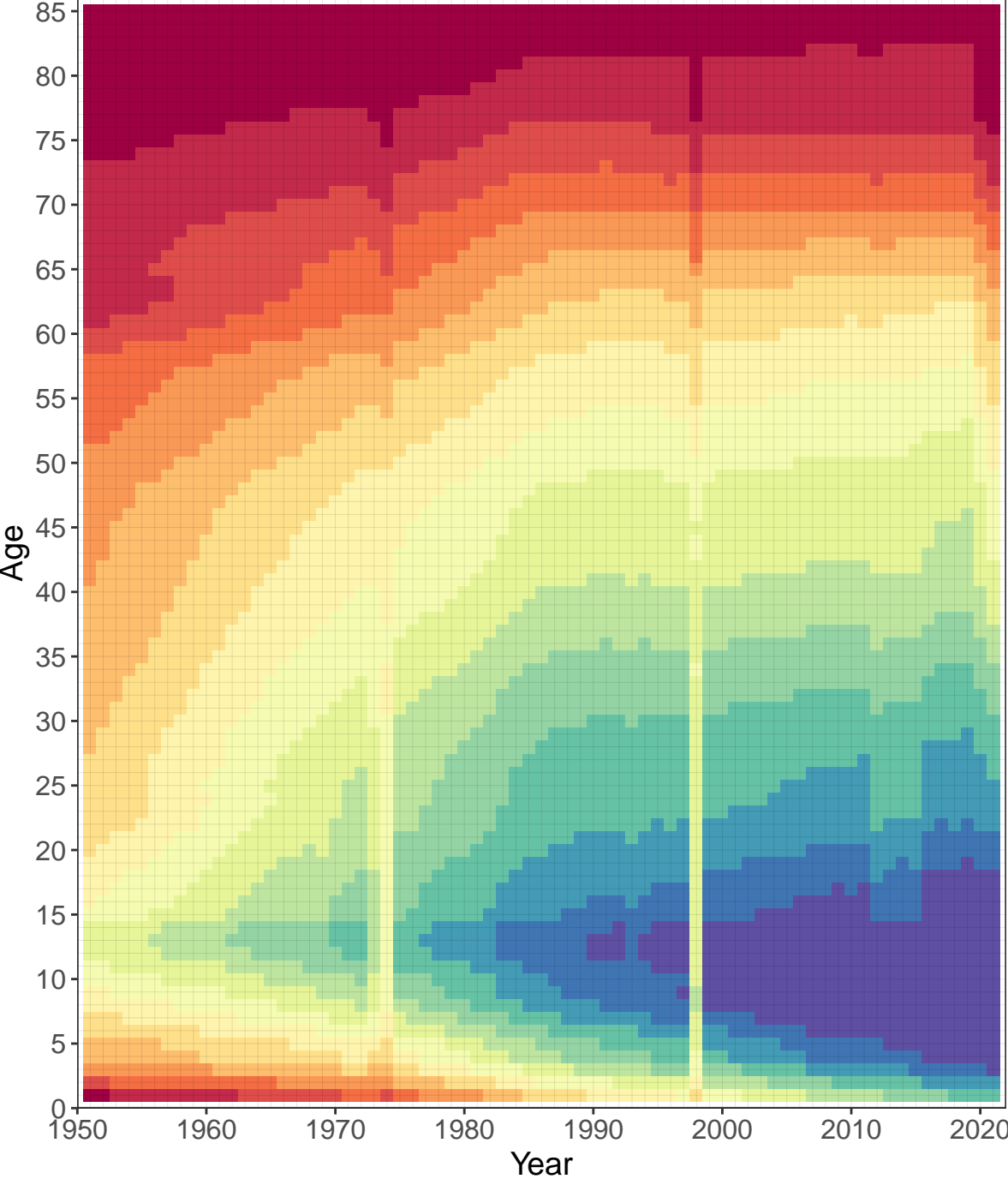


Appendix 2 Figure S4: Guatemala mortality rates, 1950–2023

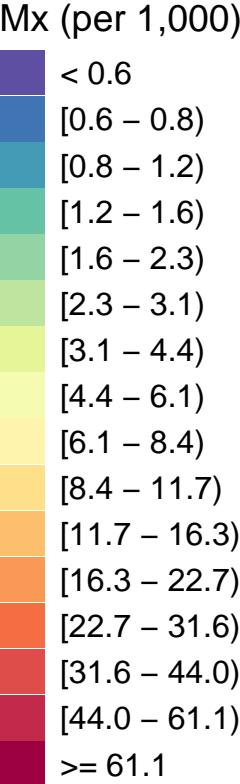
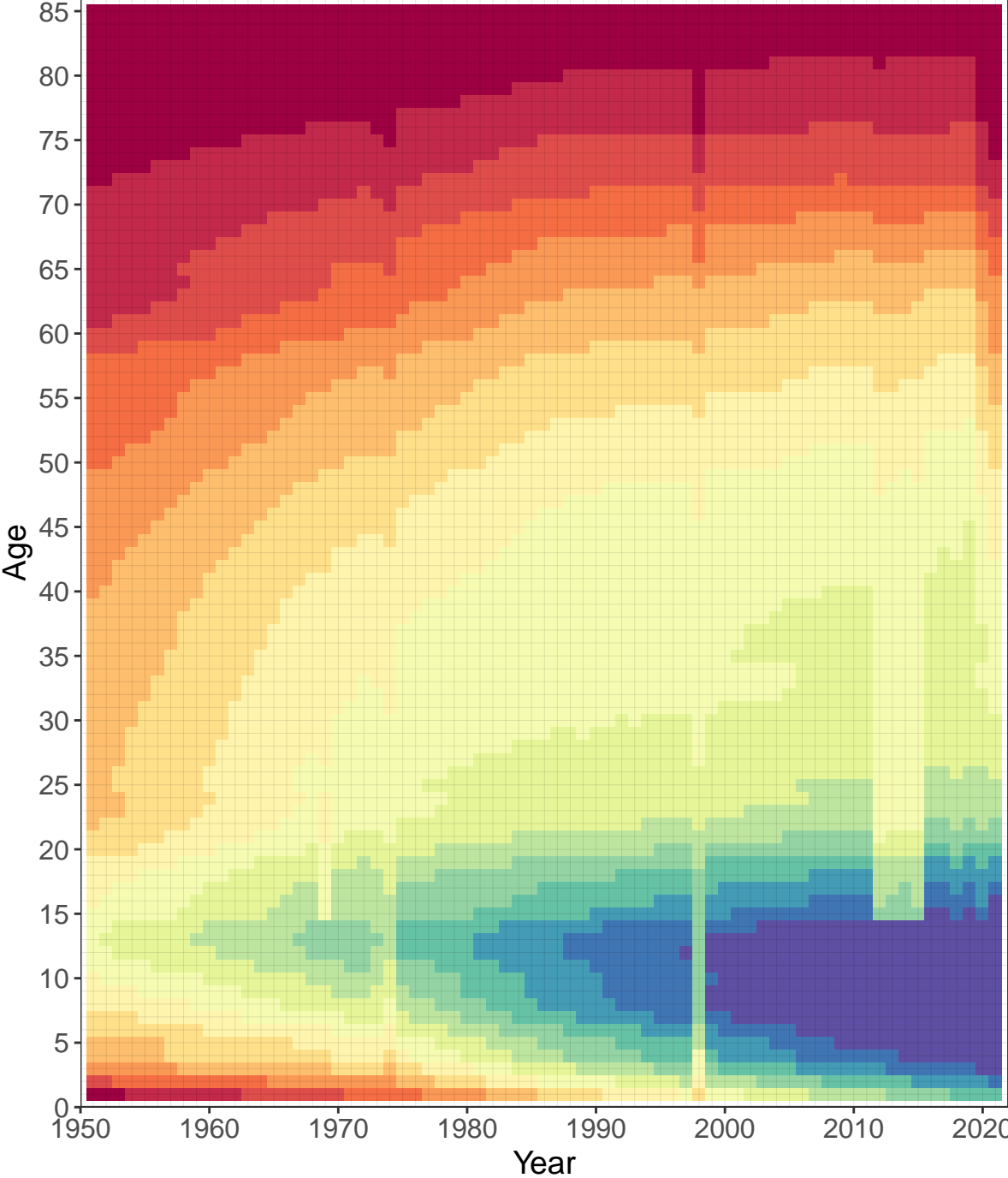


Appendix 2 Figure S4: Honduras mortality rates, 1950–2023

Females

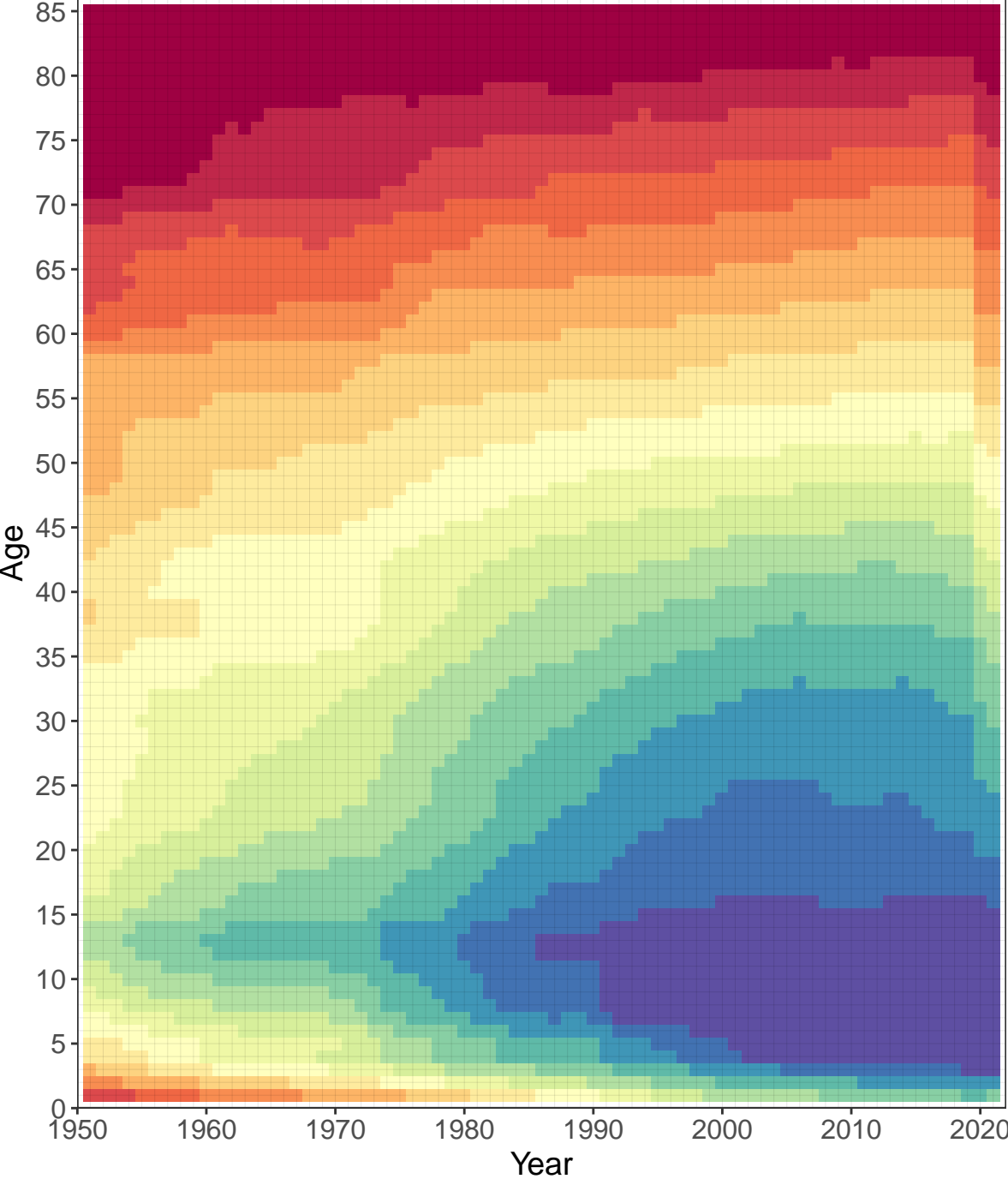


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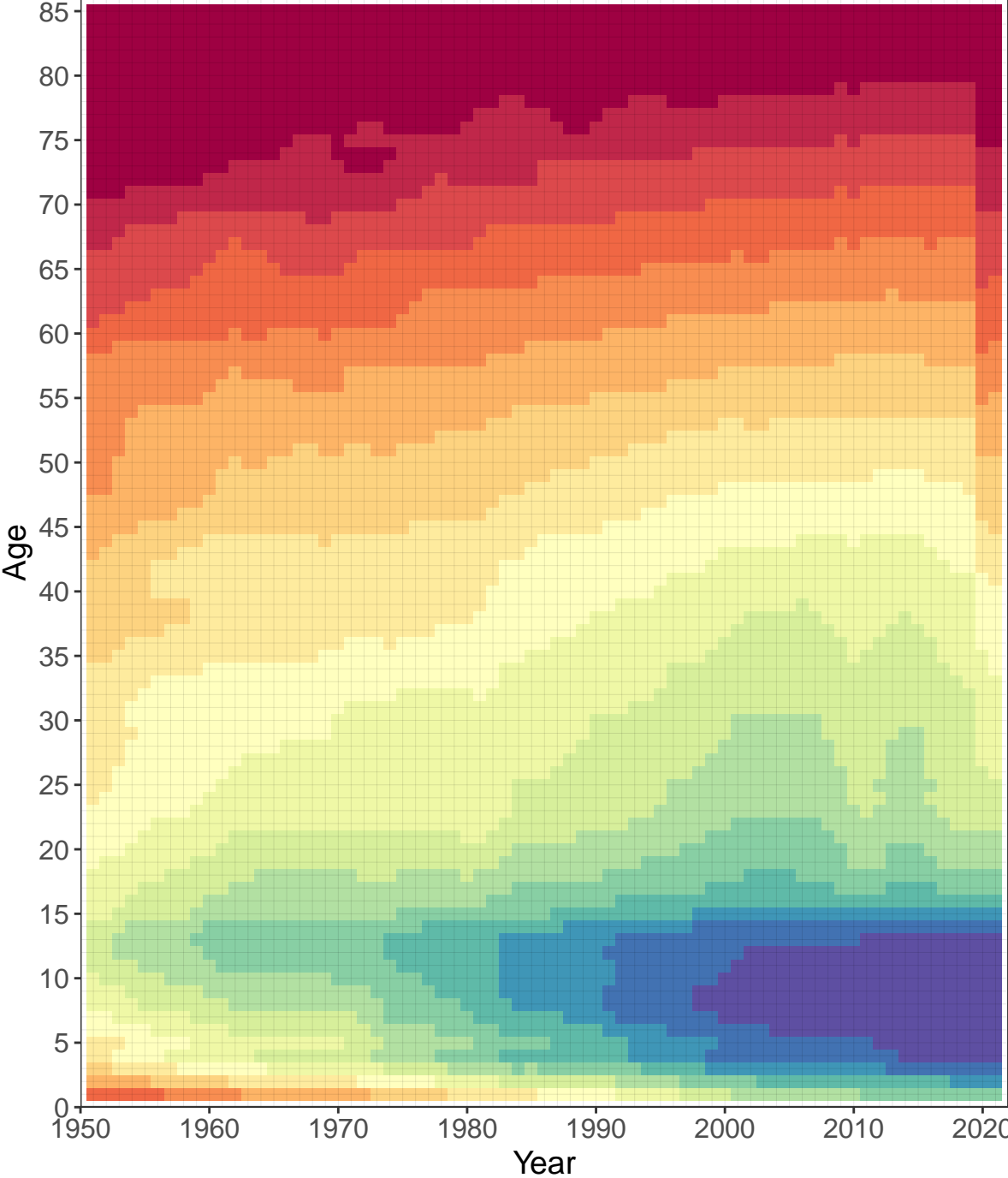


Appendix 2 Figure S4: Mexico mortality rates, 1950–2023

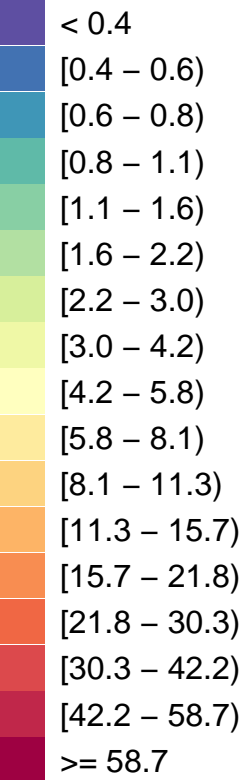
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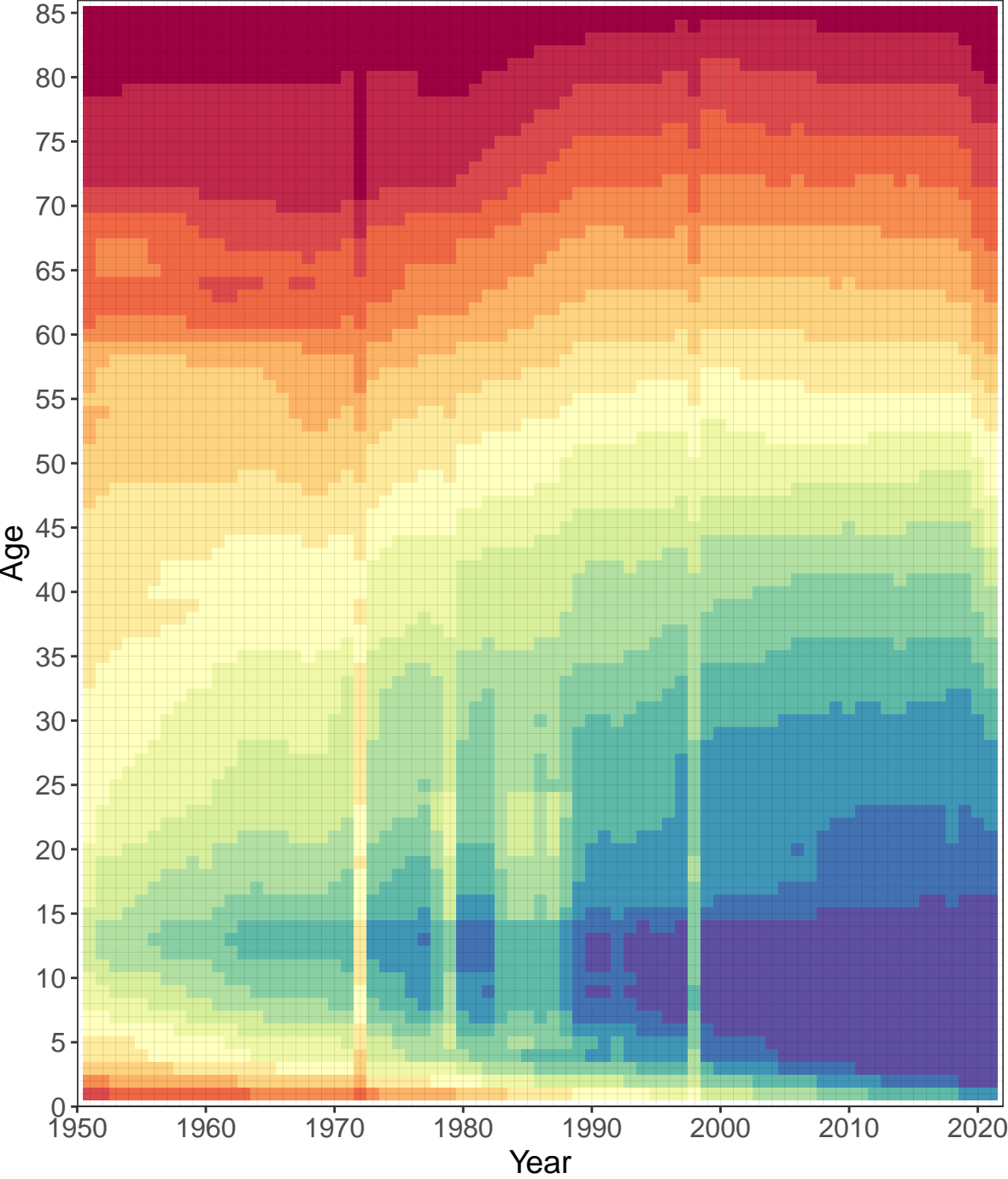


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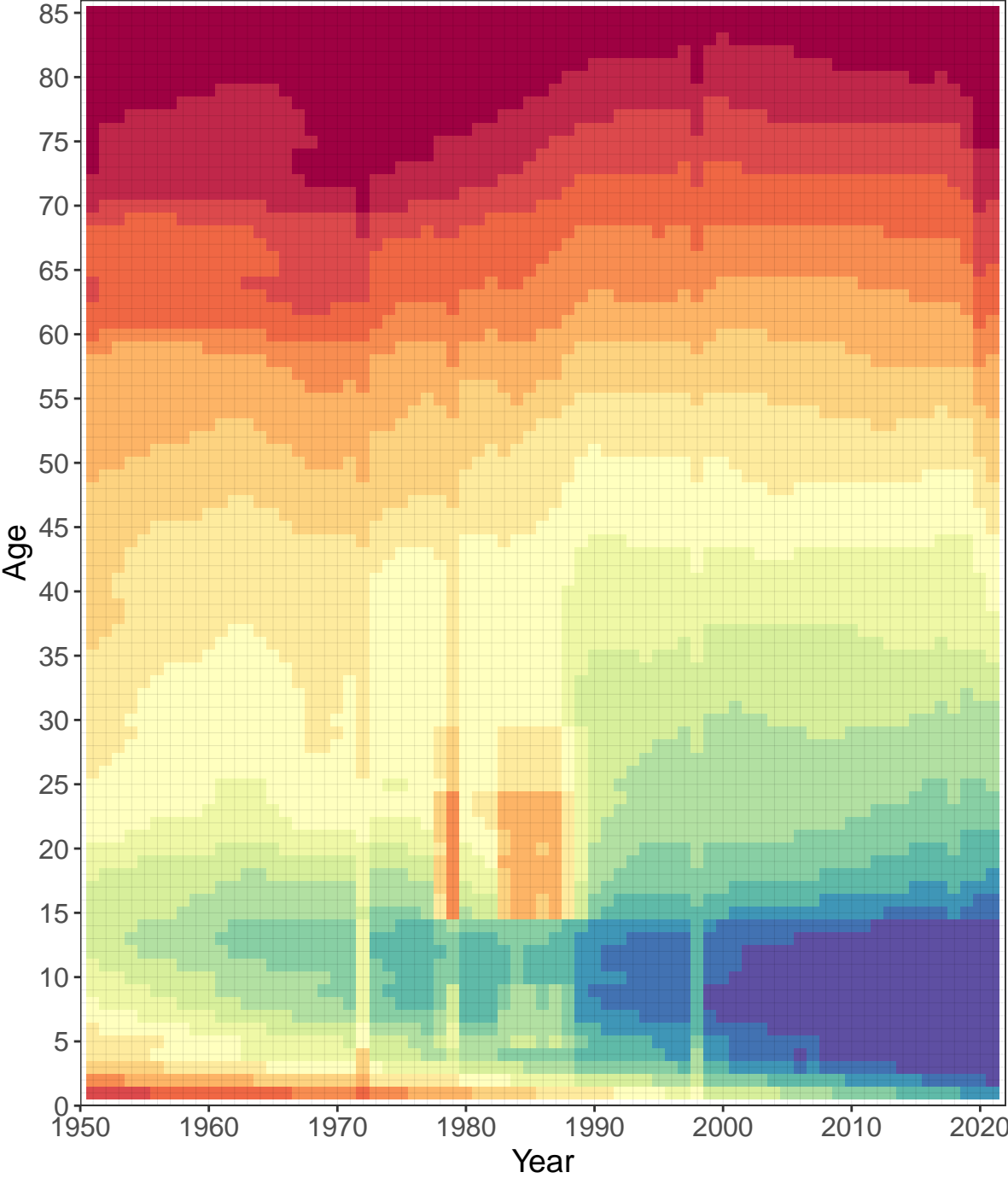


Appendix 2 Figure S4: Nicaragua mortality rates, 1950–2023

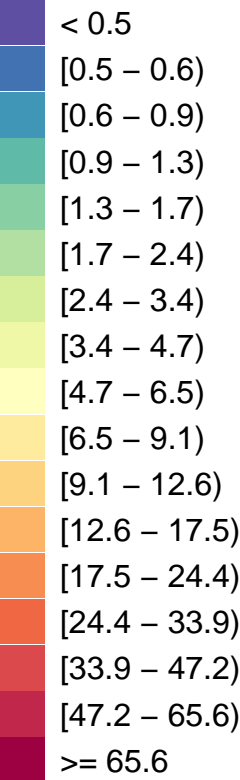
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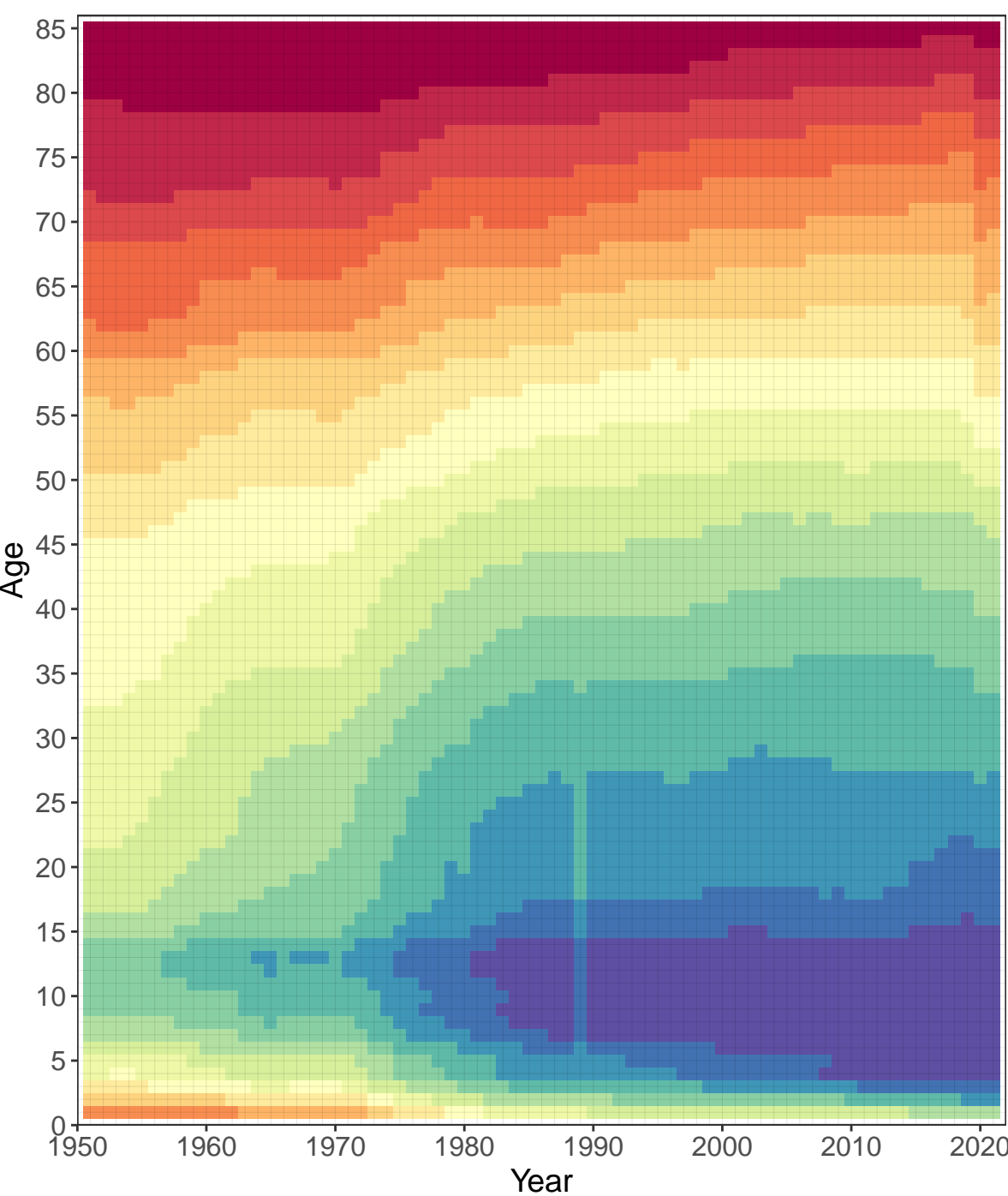


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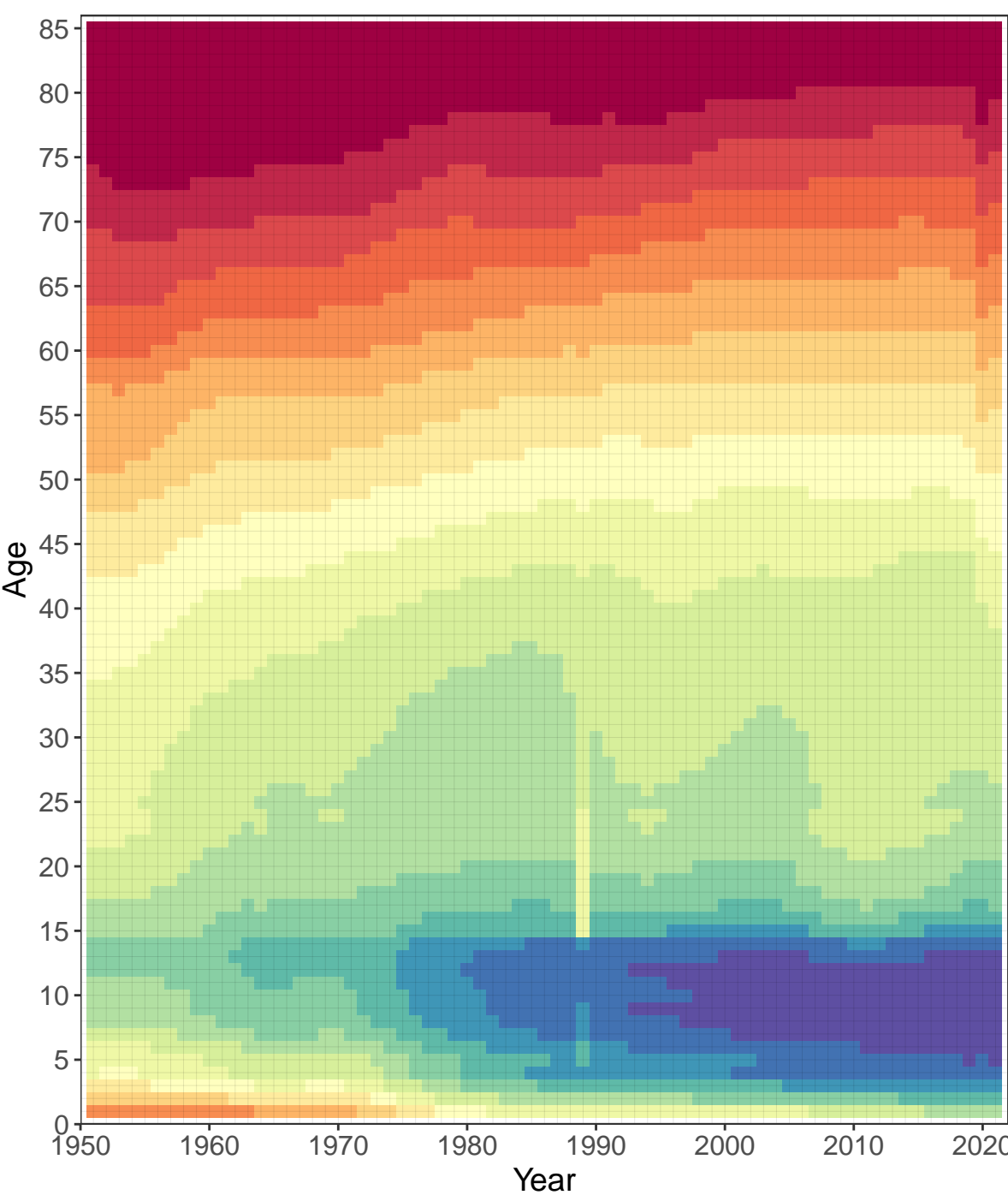


Appendix 2 Figure S4: Panama mortality rates, 1950–2023

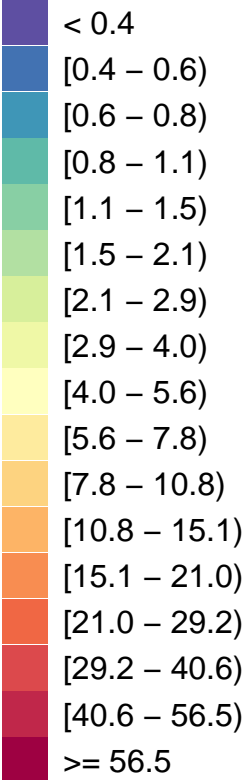
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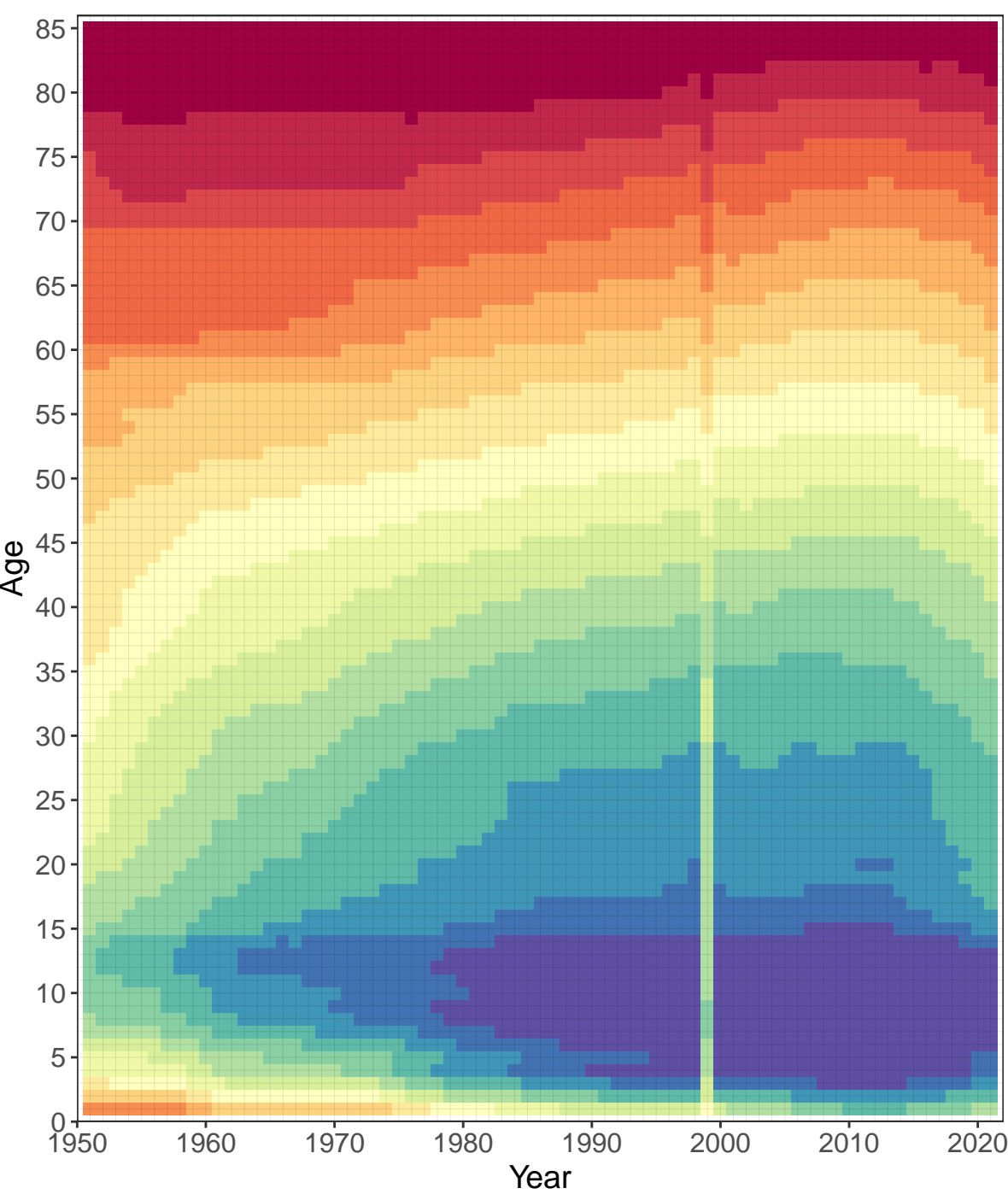


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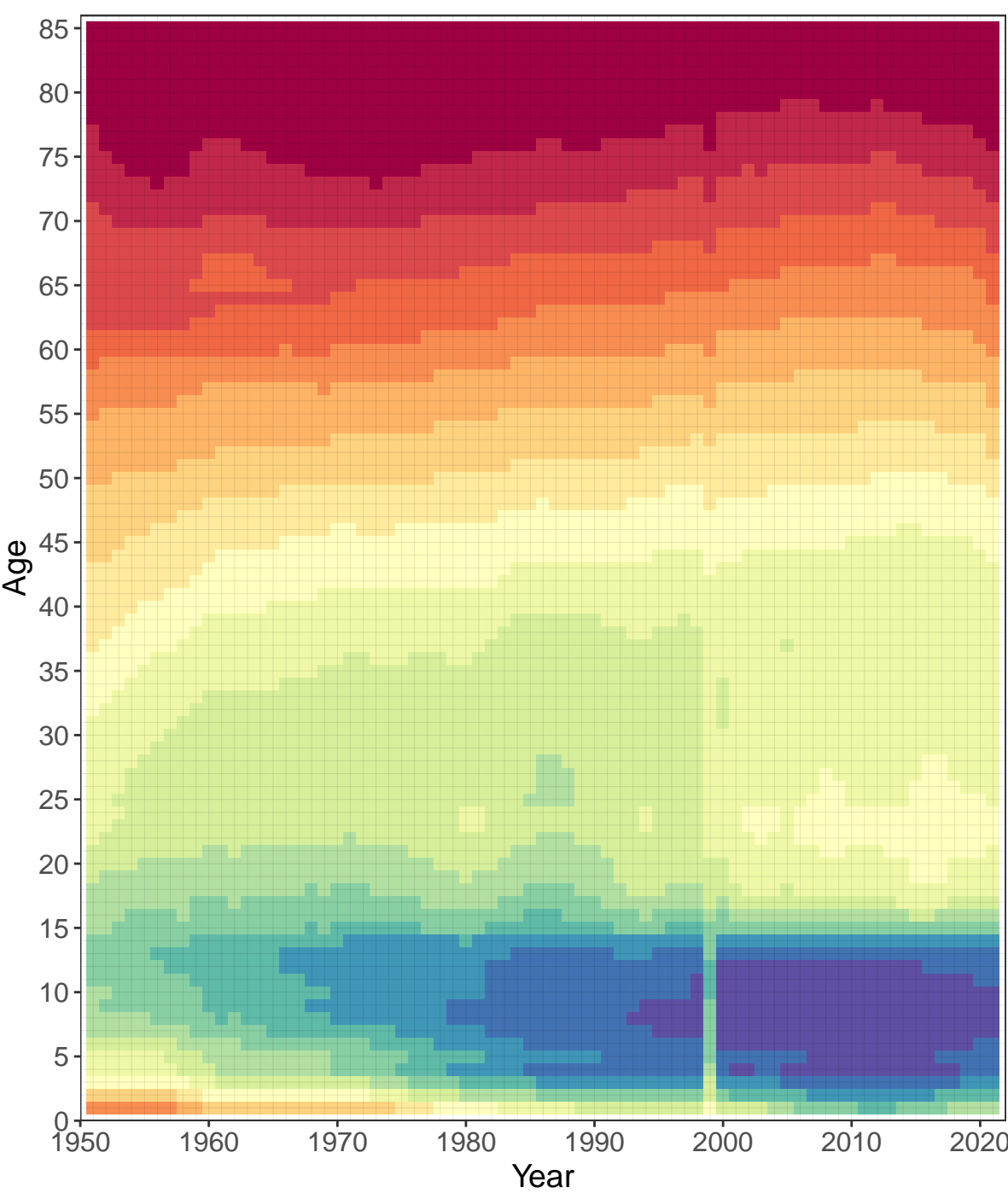


Appendix 2 Figure S4: Venezuela mortality rates, 1950–2023

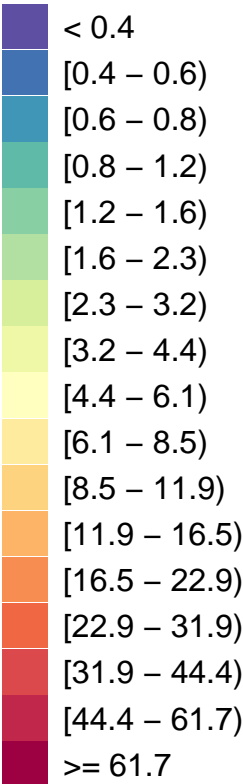
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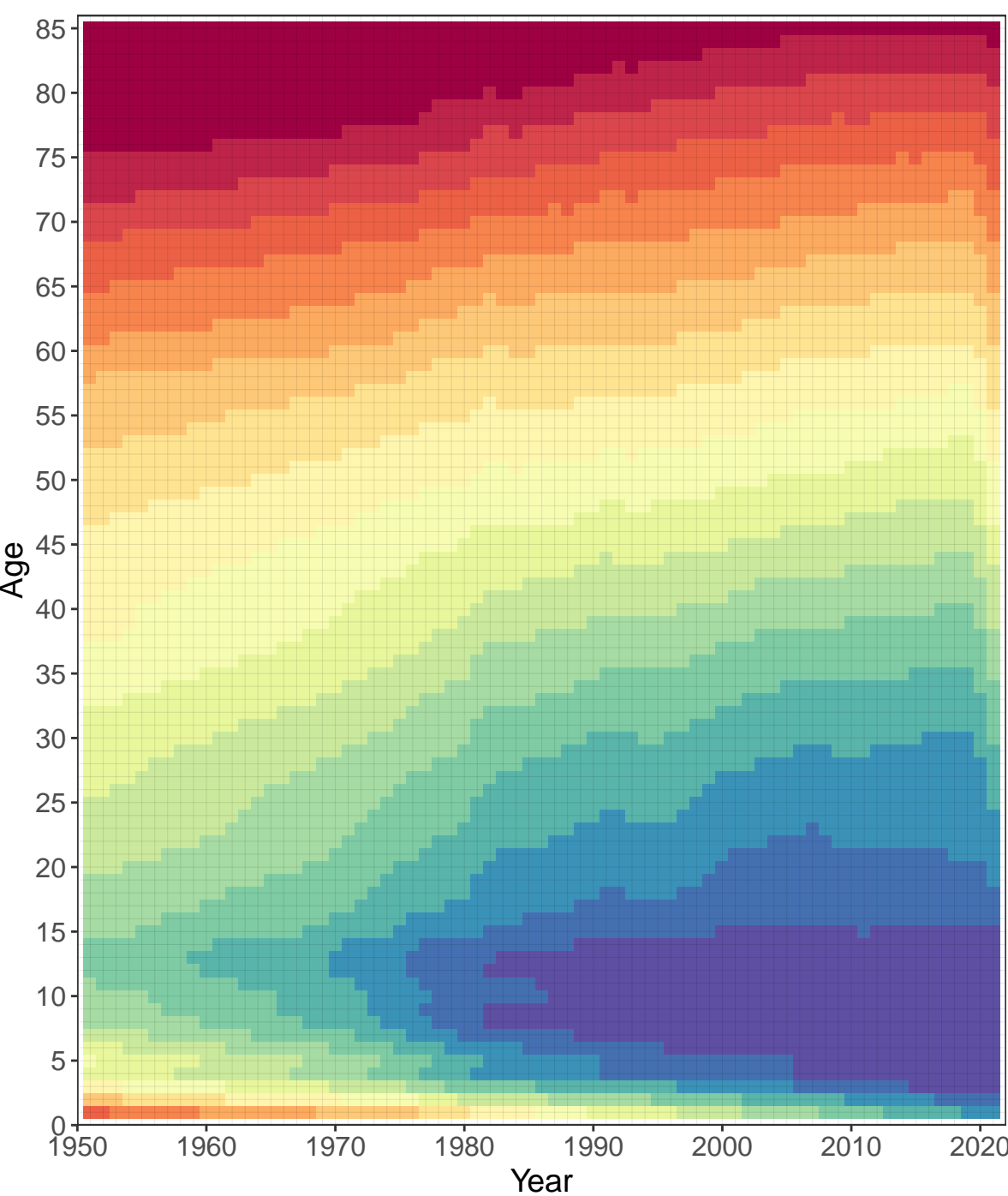


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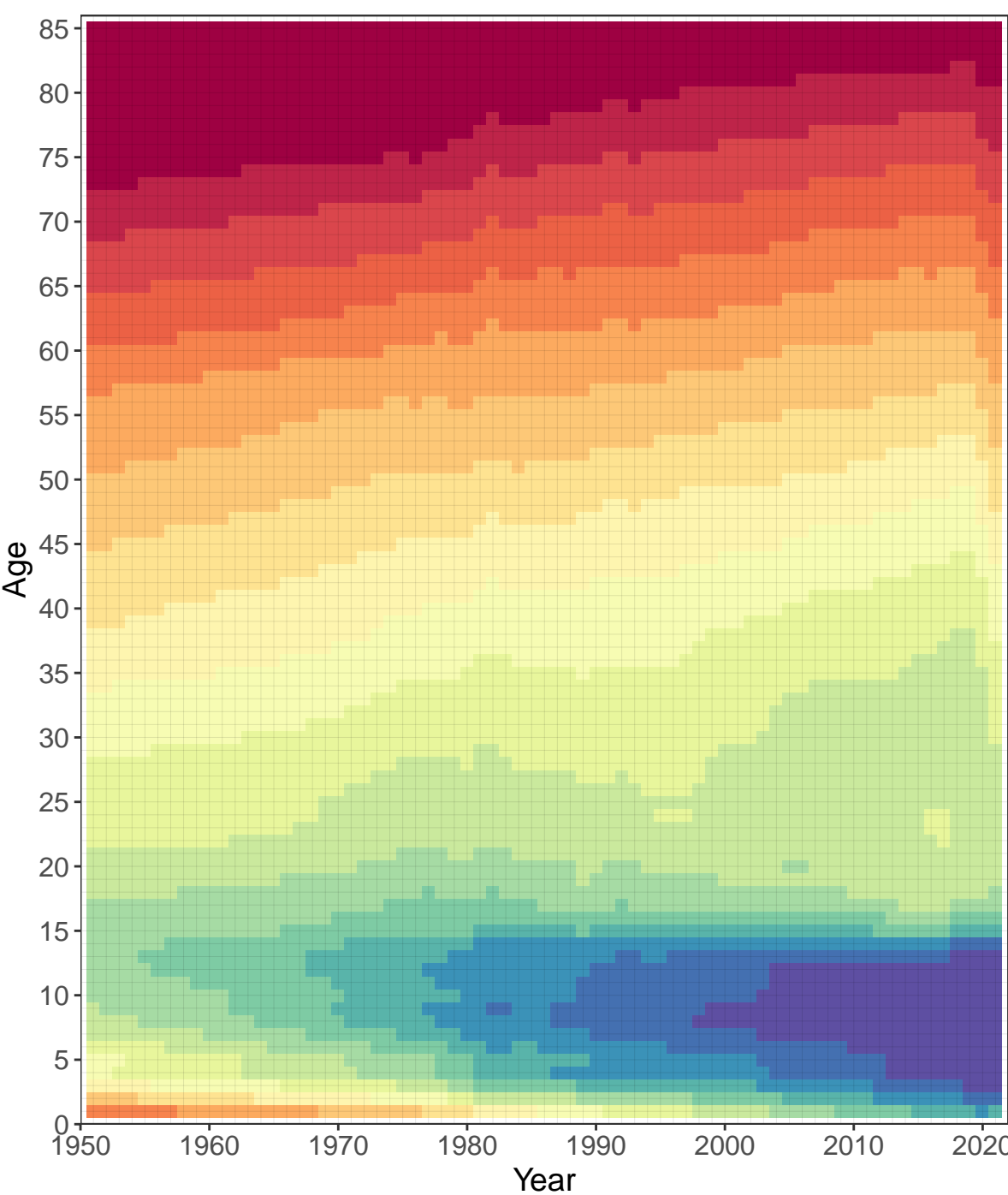


Appendix 2 Figure S4: Brazil mortality rates, 1950–2023

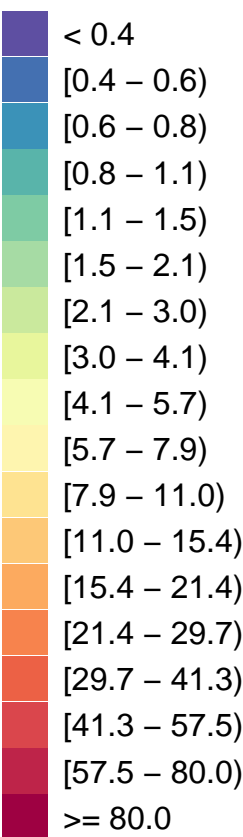
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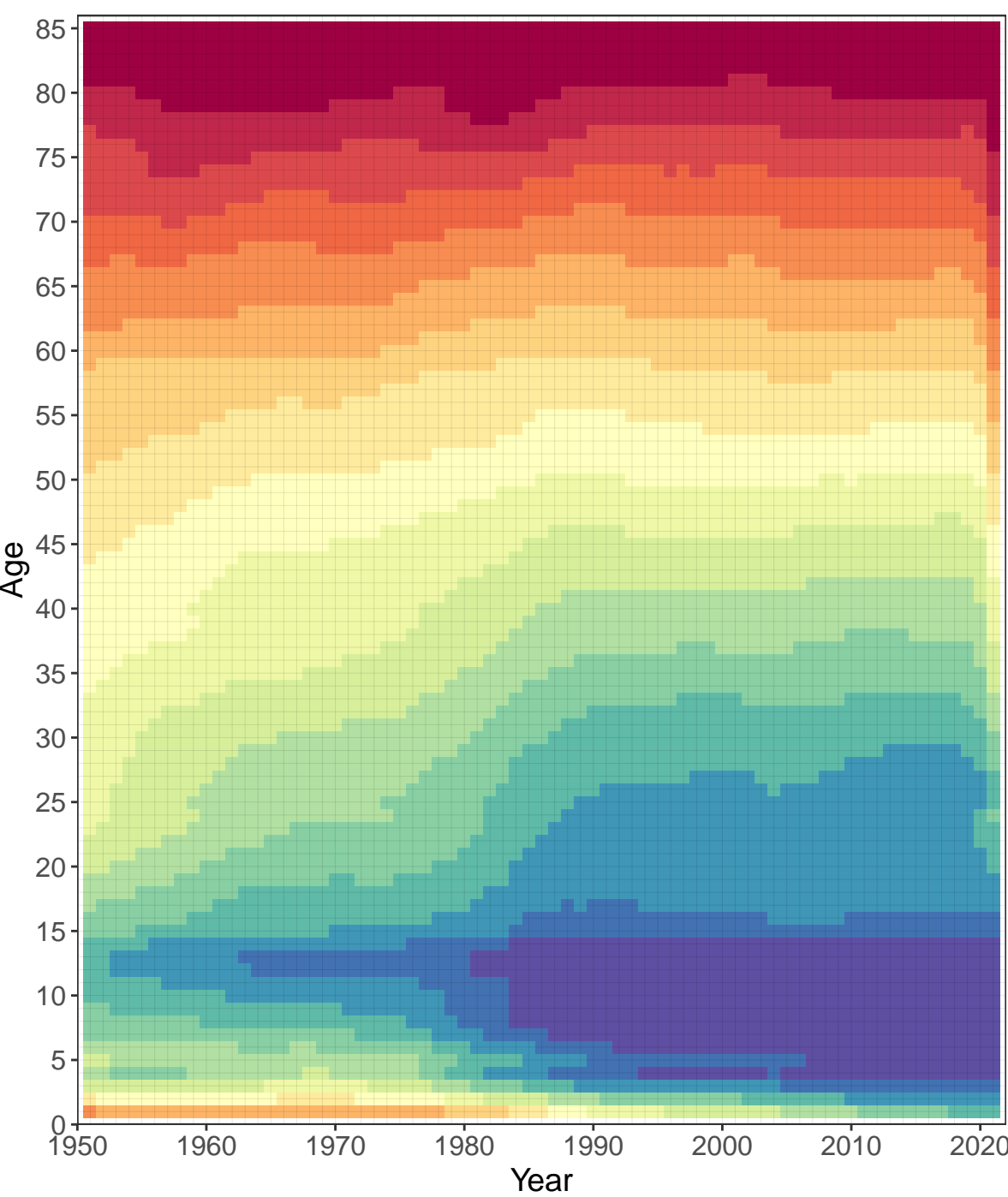


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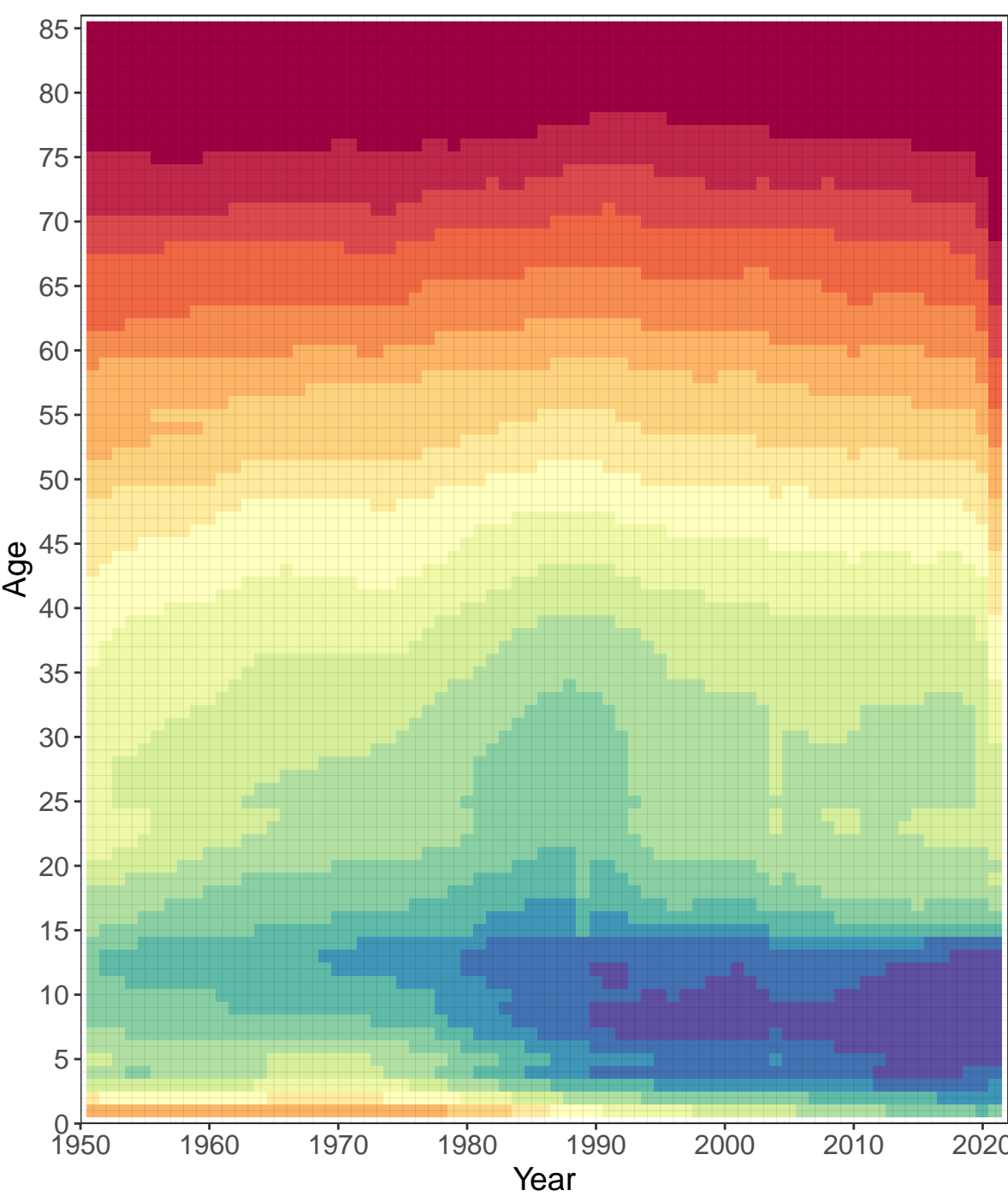


Appendix 2 Figure S4: Paraguay mortality rates, 1950–2023

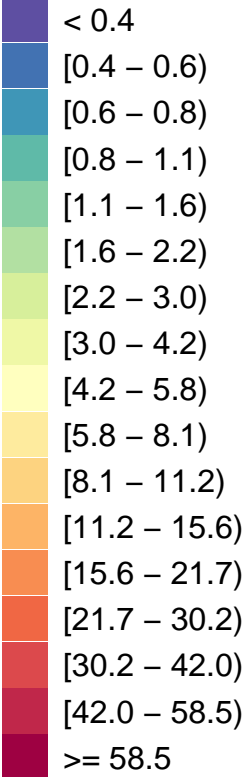
Females



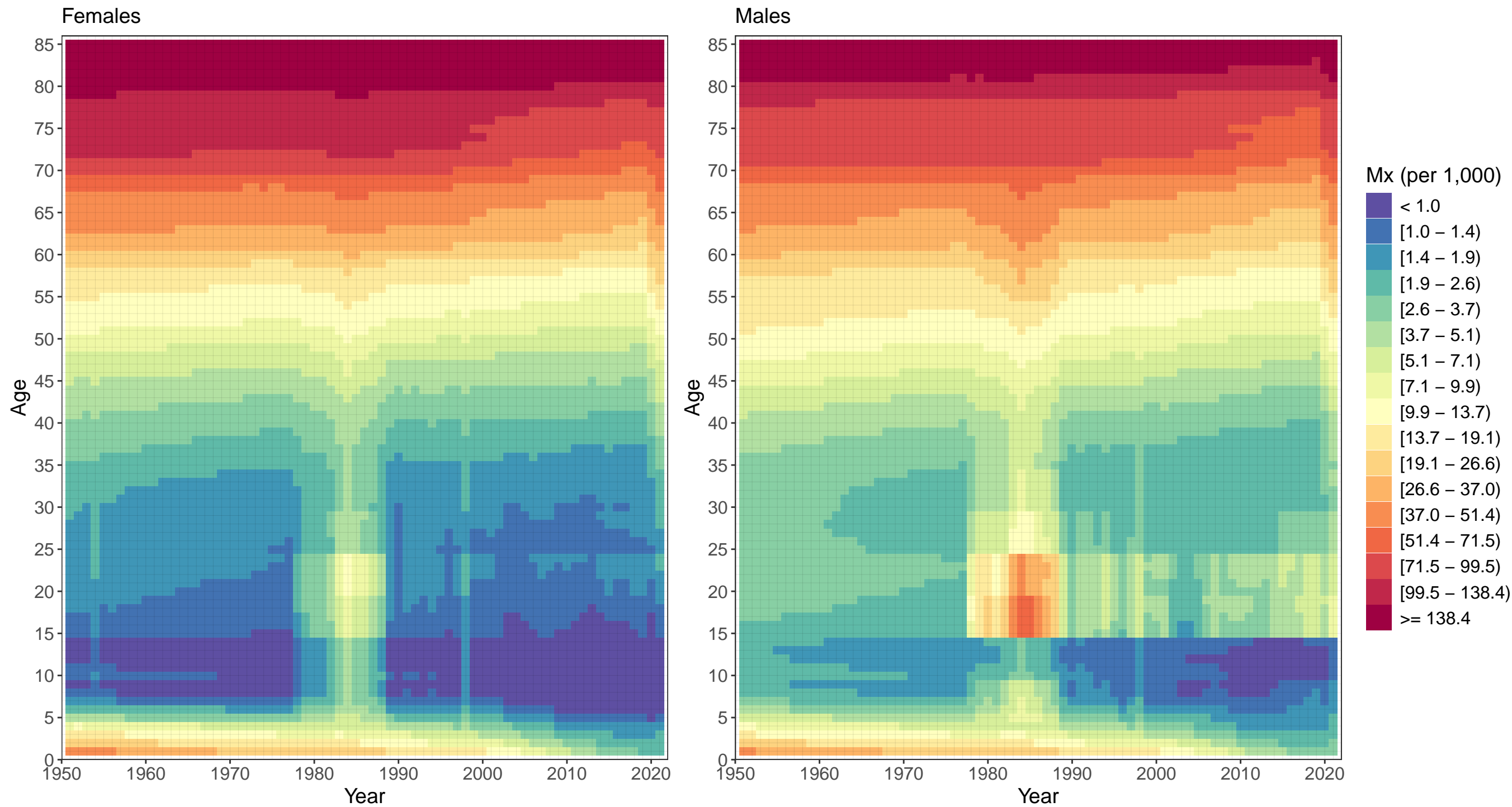
Males



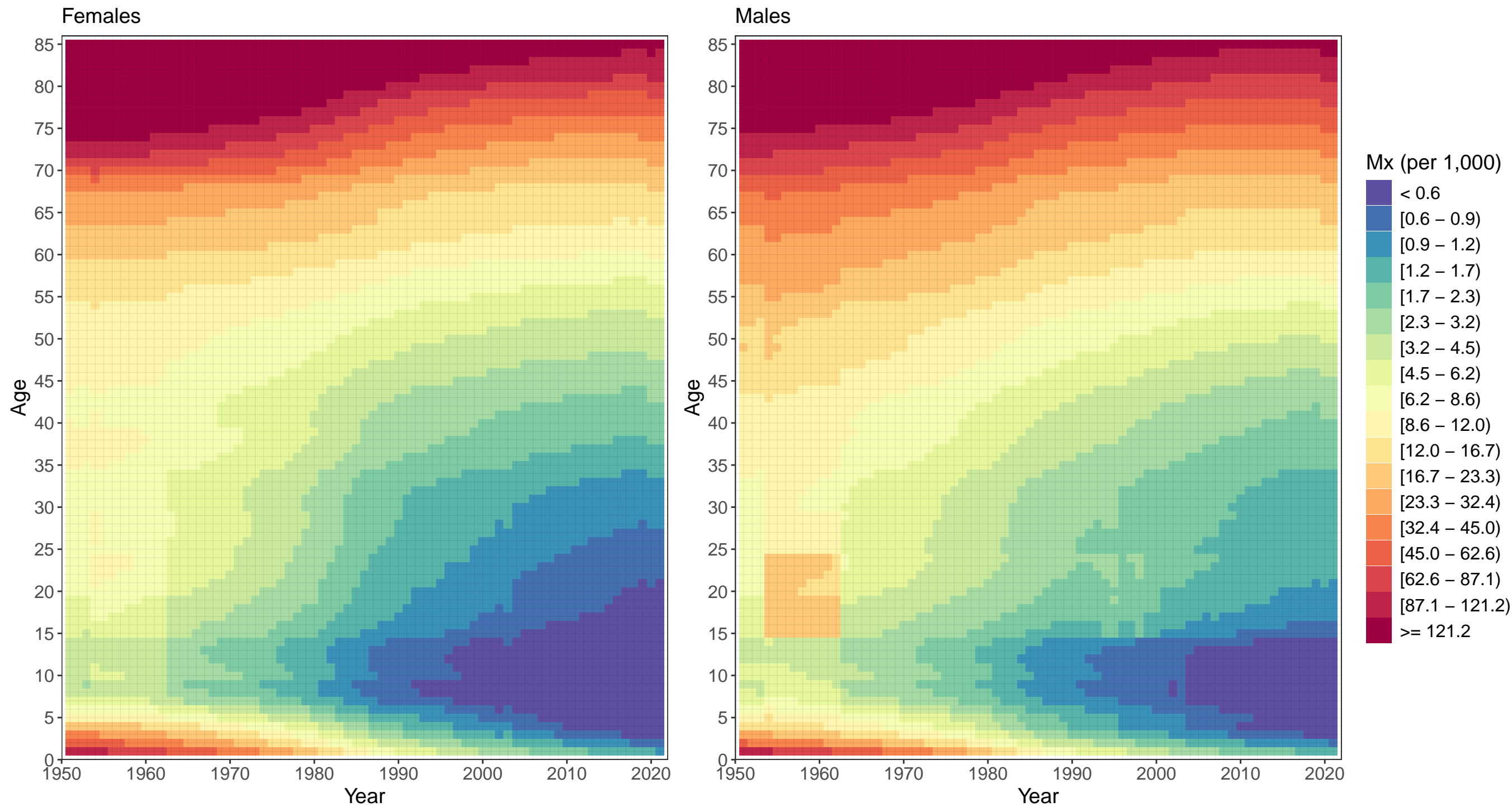
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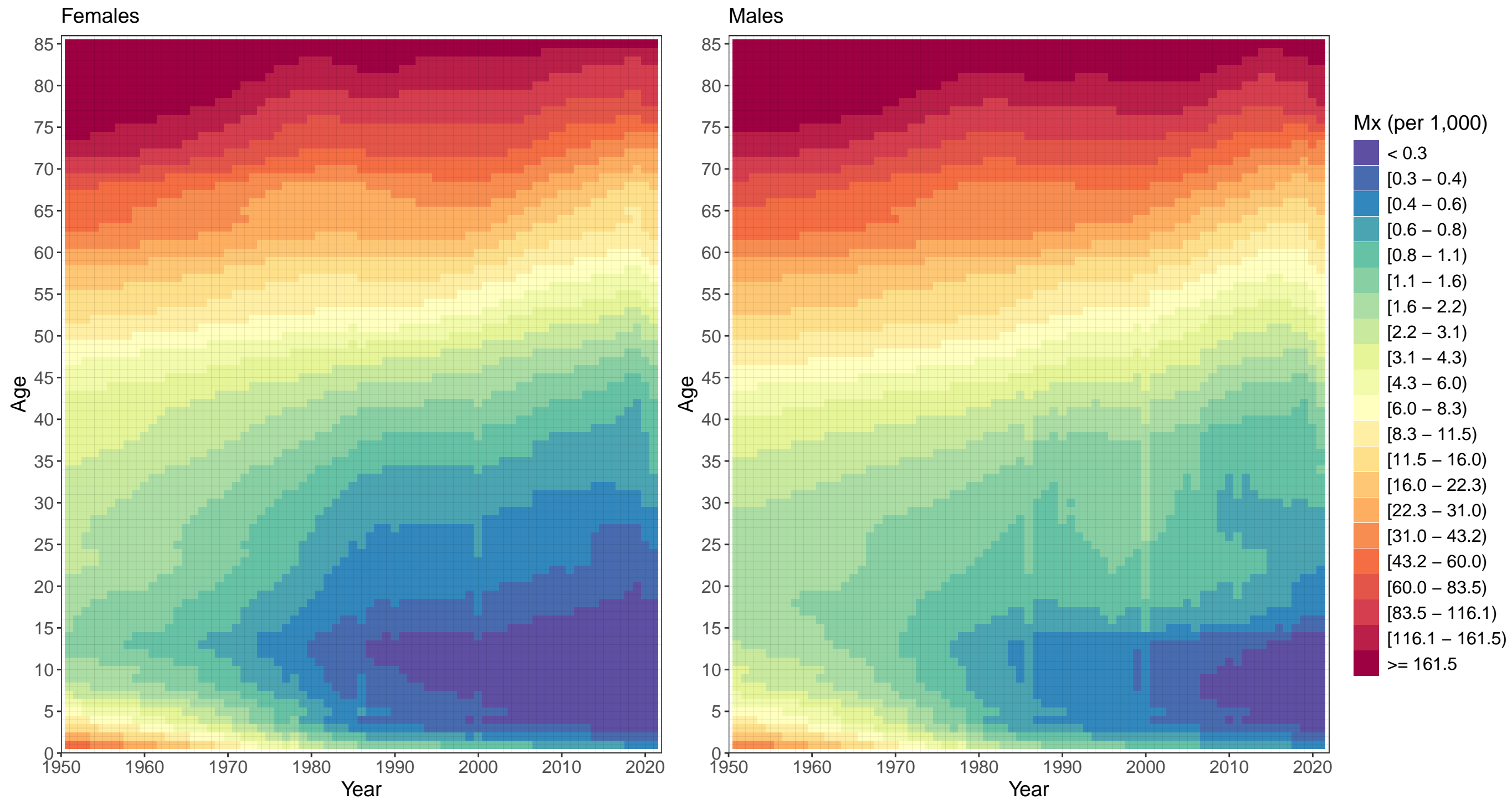
Appendix 2 Figure S4: Afghanistan mortality rates, 1950–2023



Appendix 2 Figure S4: Algeria mortality rates, 1950–2023

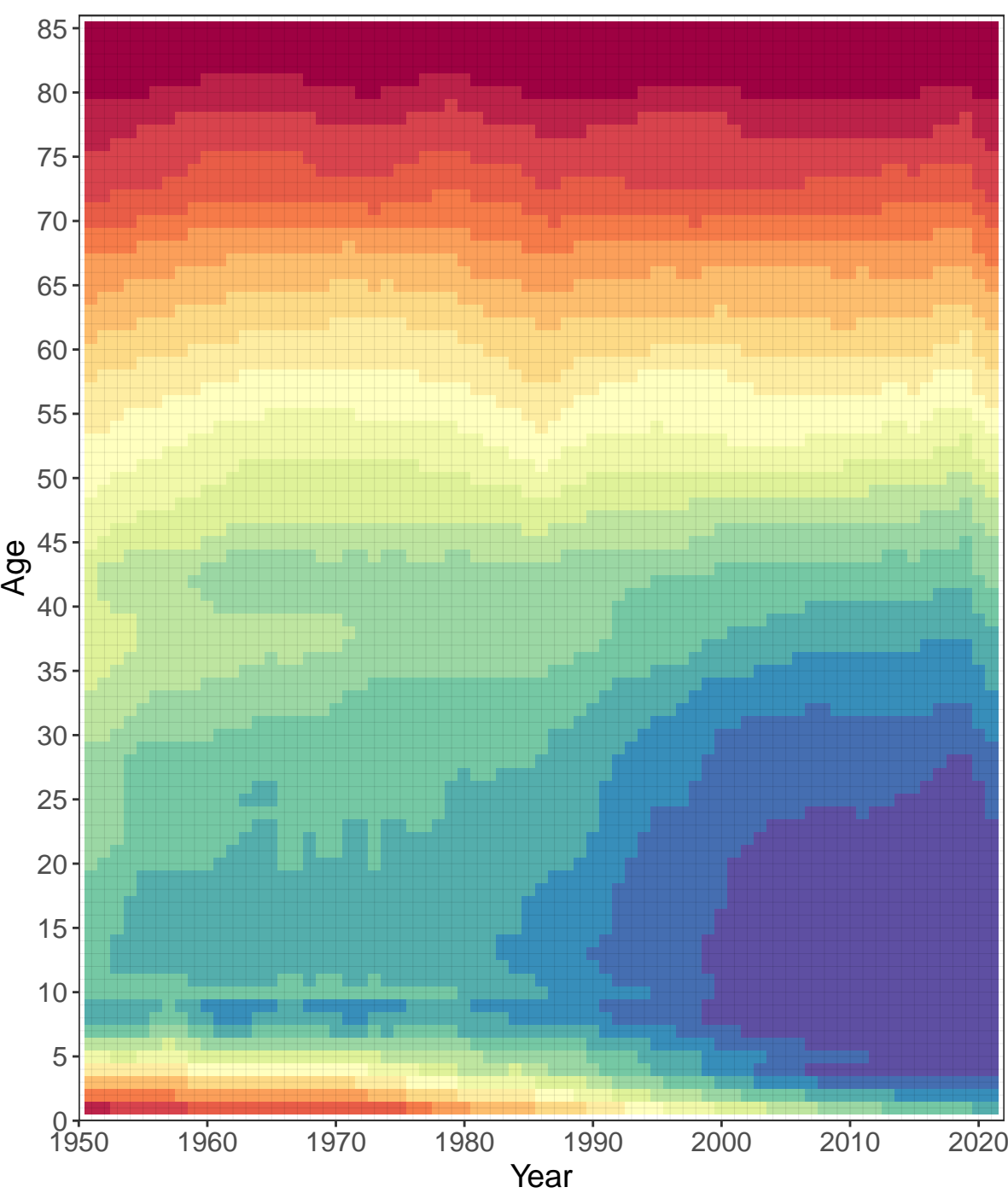


Appendix 2 Figure S4: Bahrain mortality rates, 1950–2023

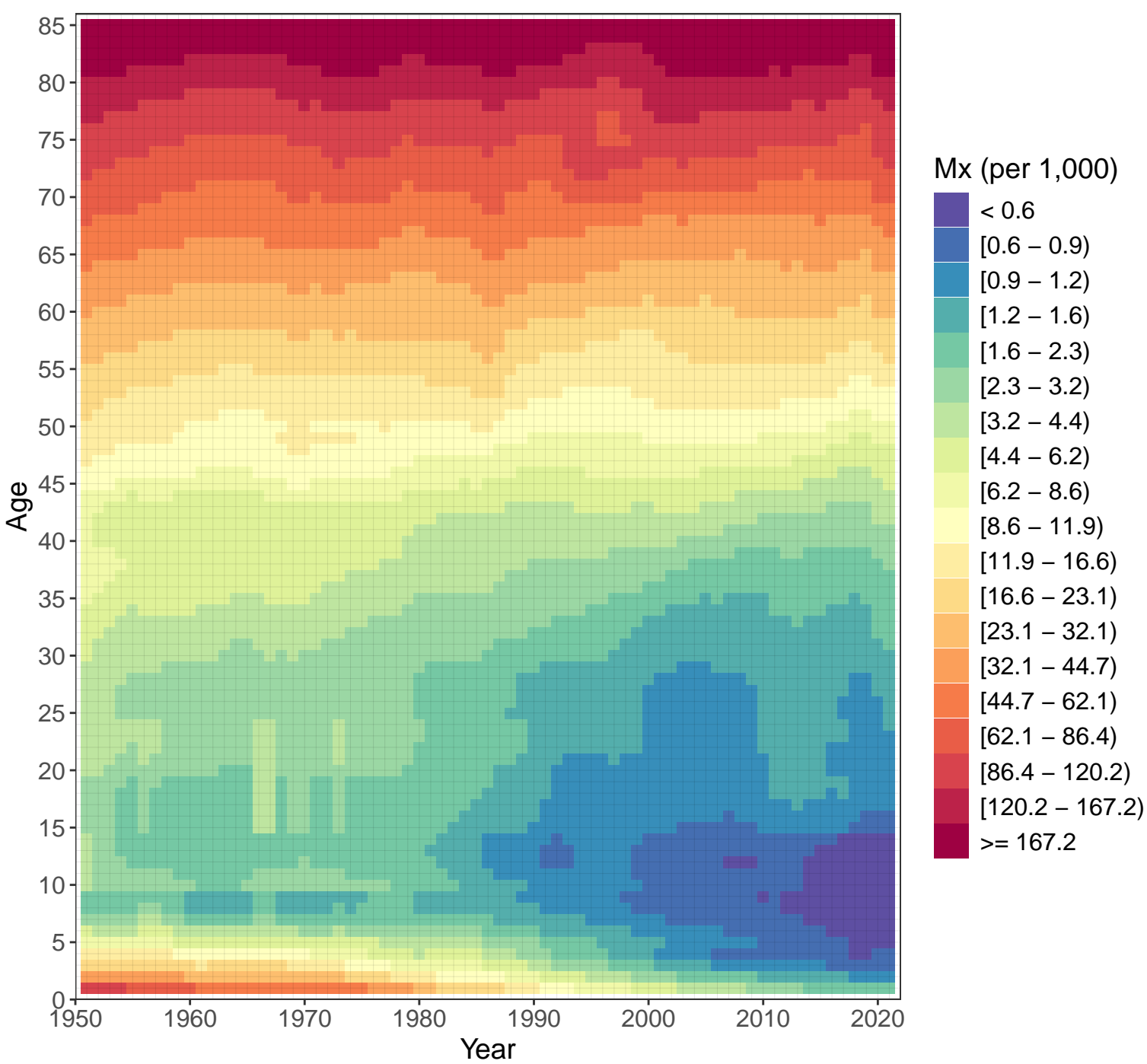


Appendix 2 Figure S4: Egypt mortality rates, 1950–2023

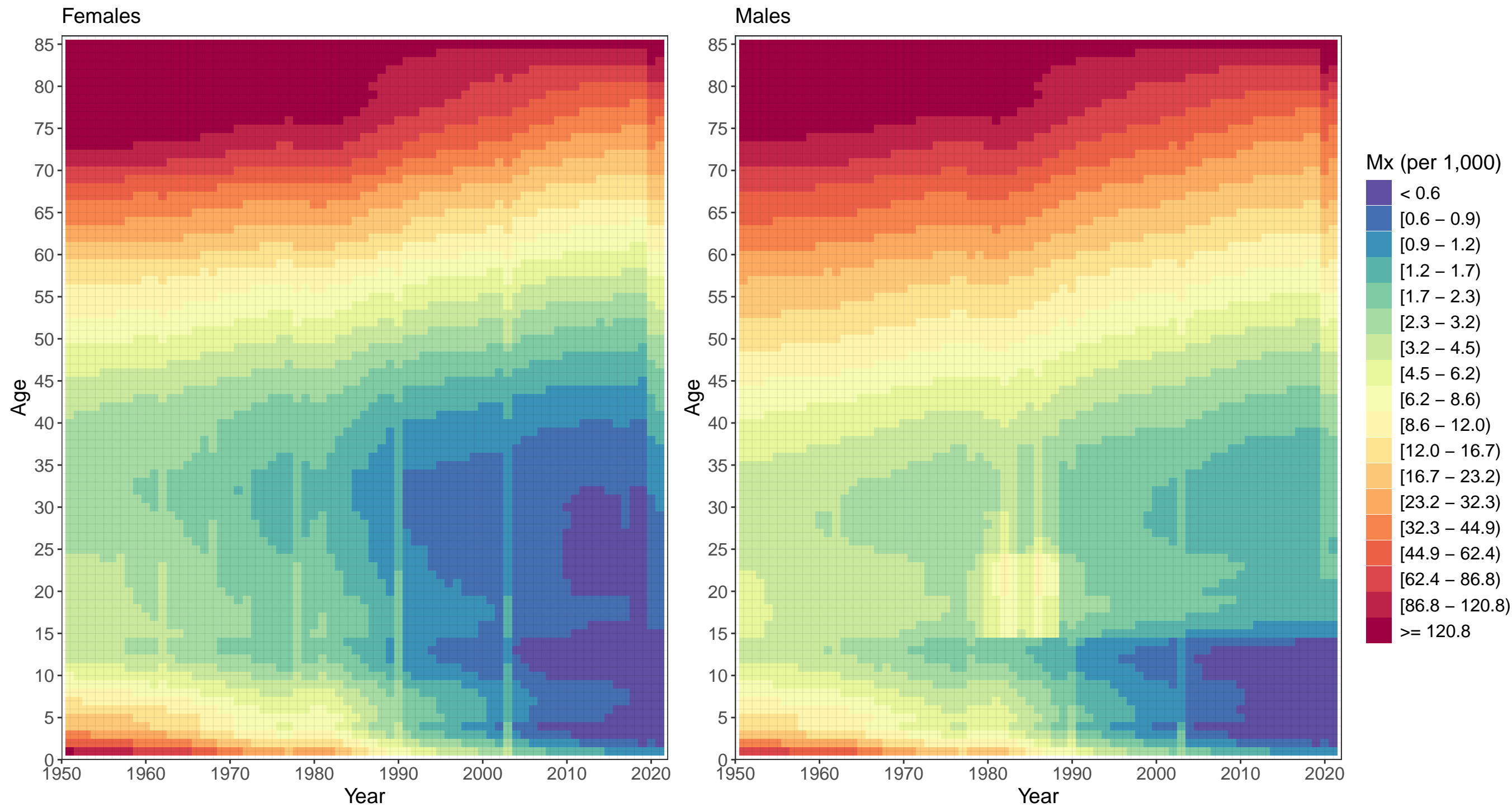
Females



Males

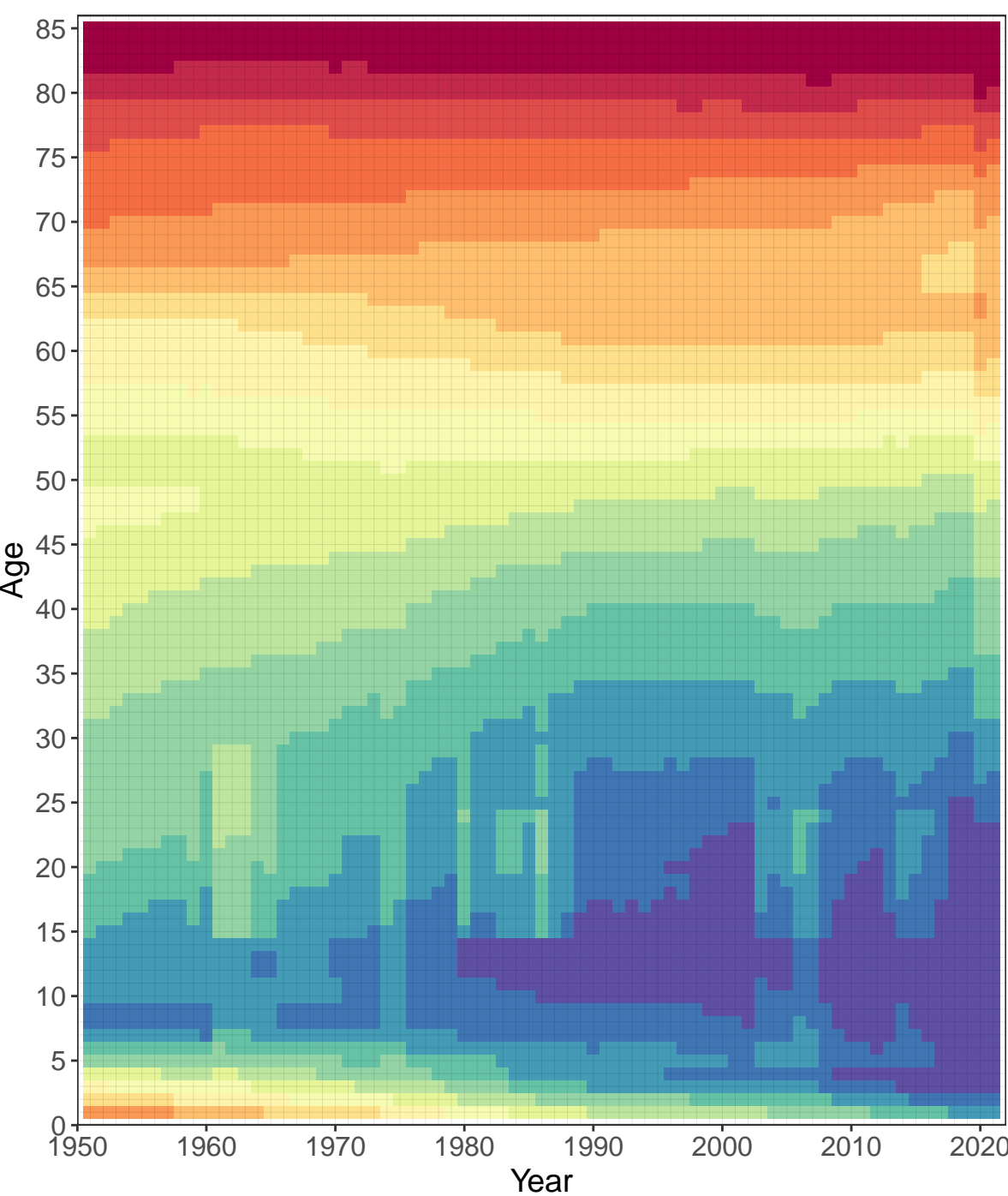


Appendix 2 Figure S4: Iran mortality rates, 1950–2023

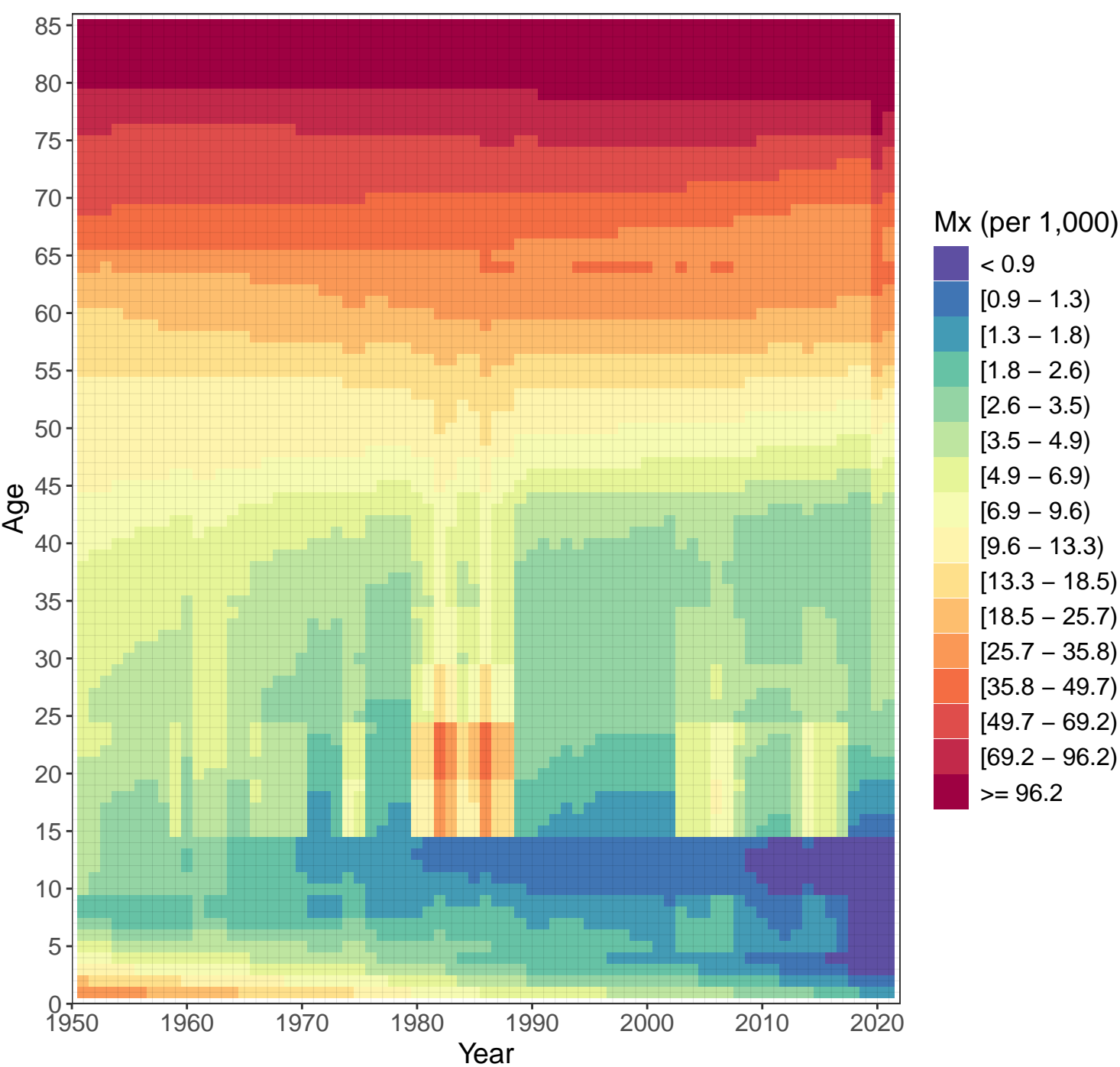


Appendix 2 Figure S4: Iraq mortality rates, 1950–2023

Females

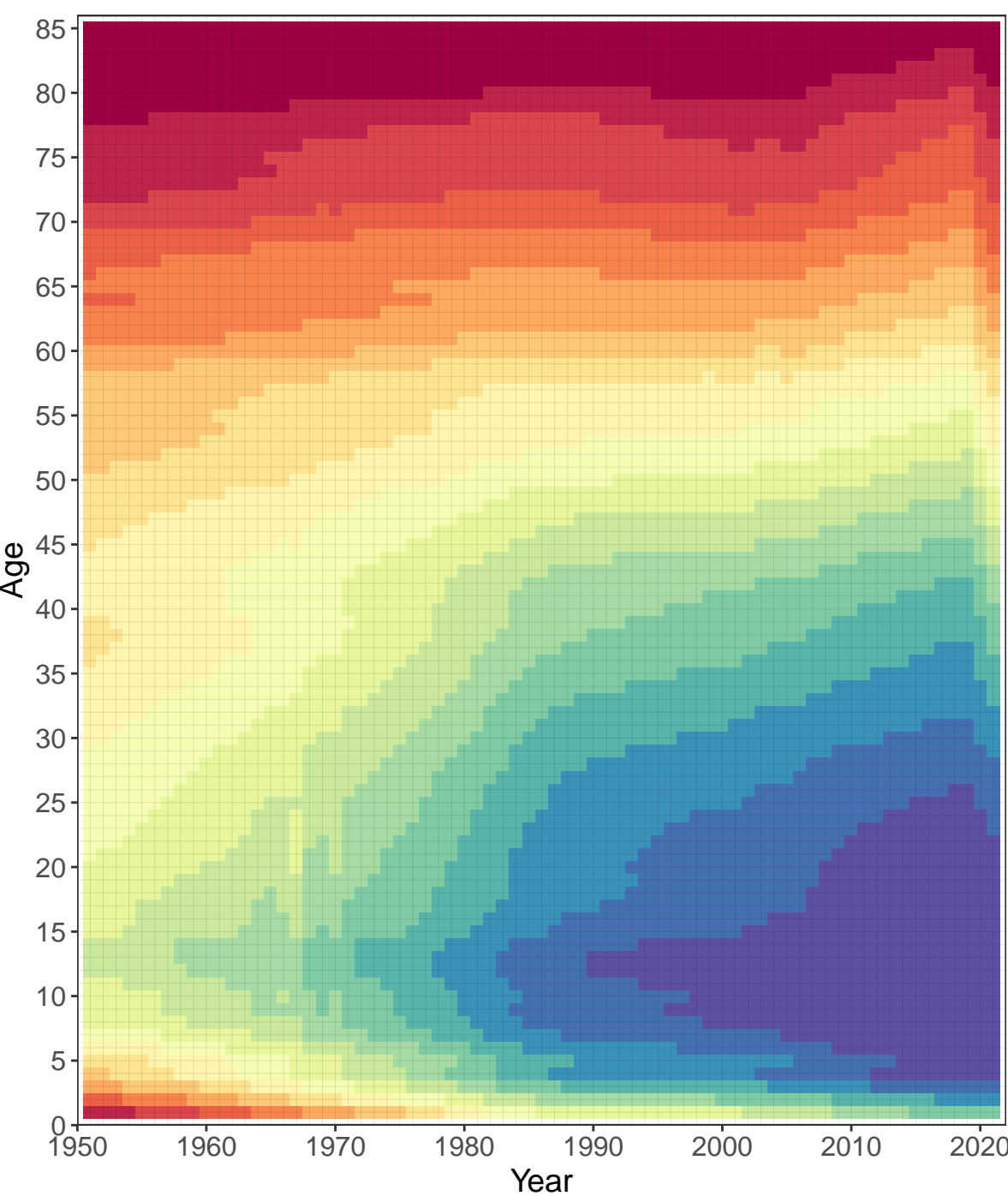


Males

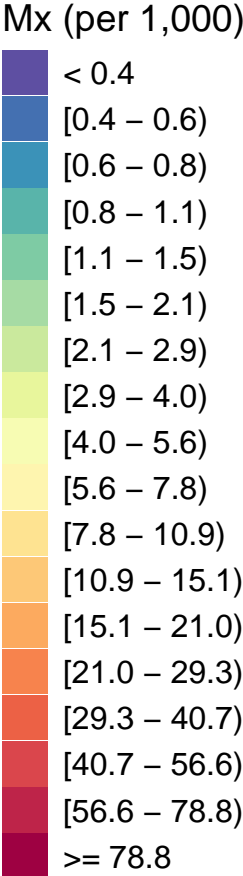
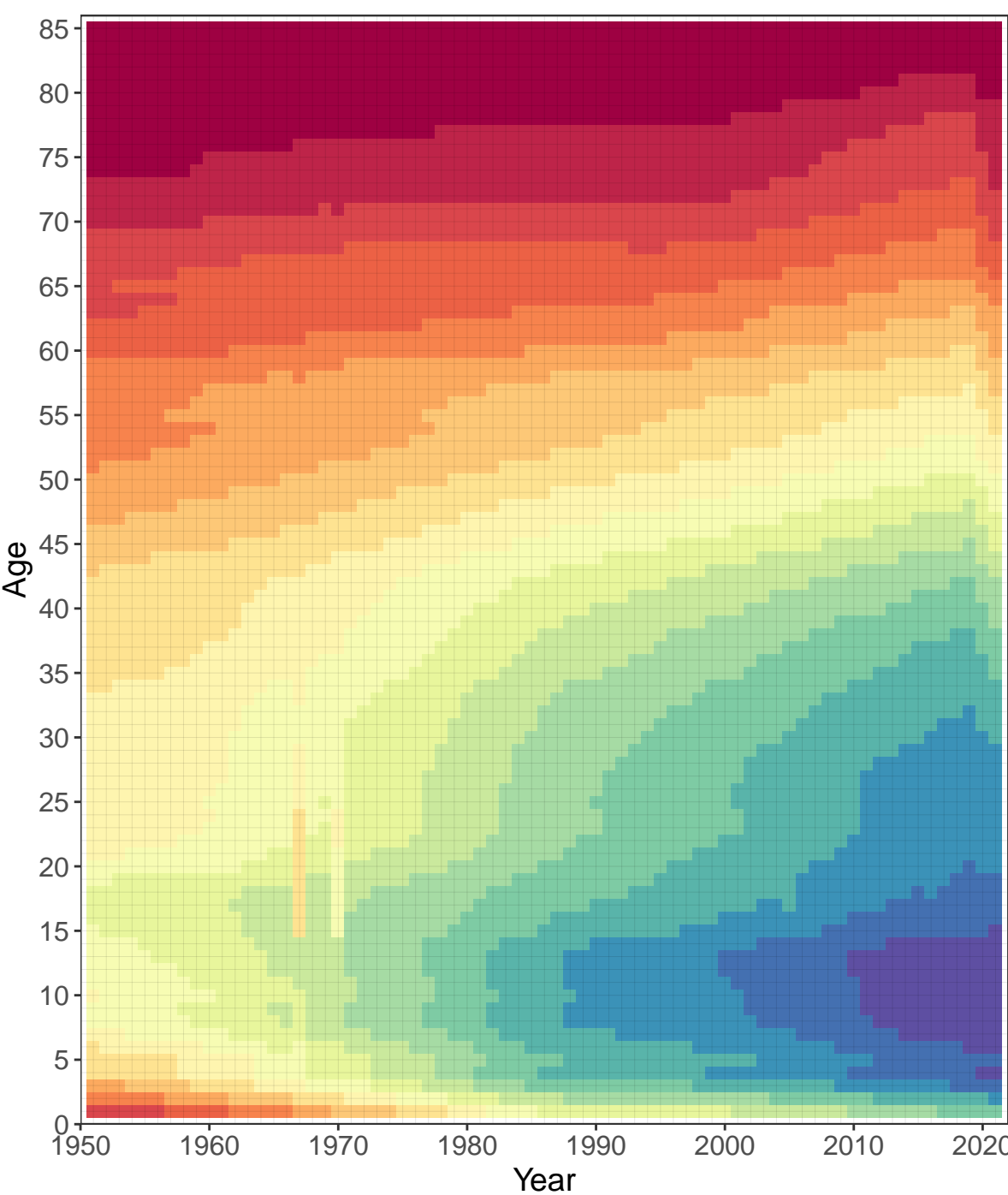


Appendix 2 Figure S4: Jordan mortality rates, 1950–2023

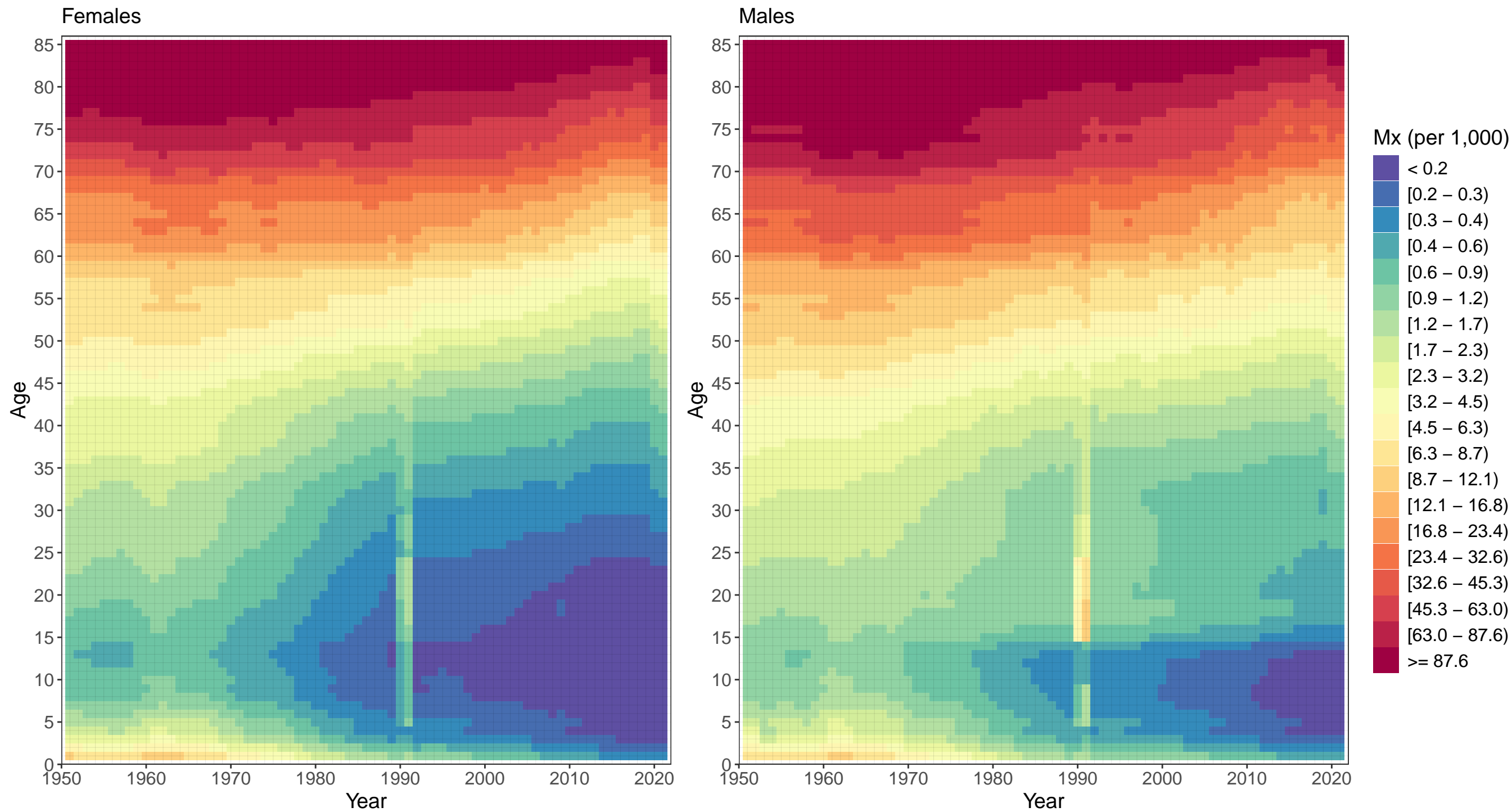
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Males

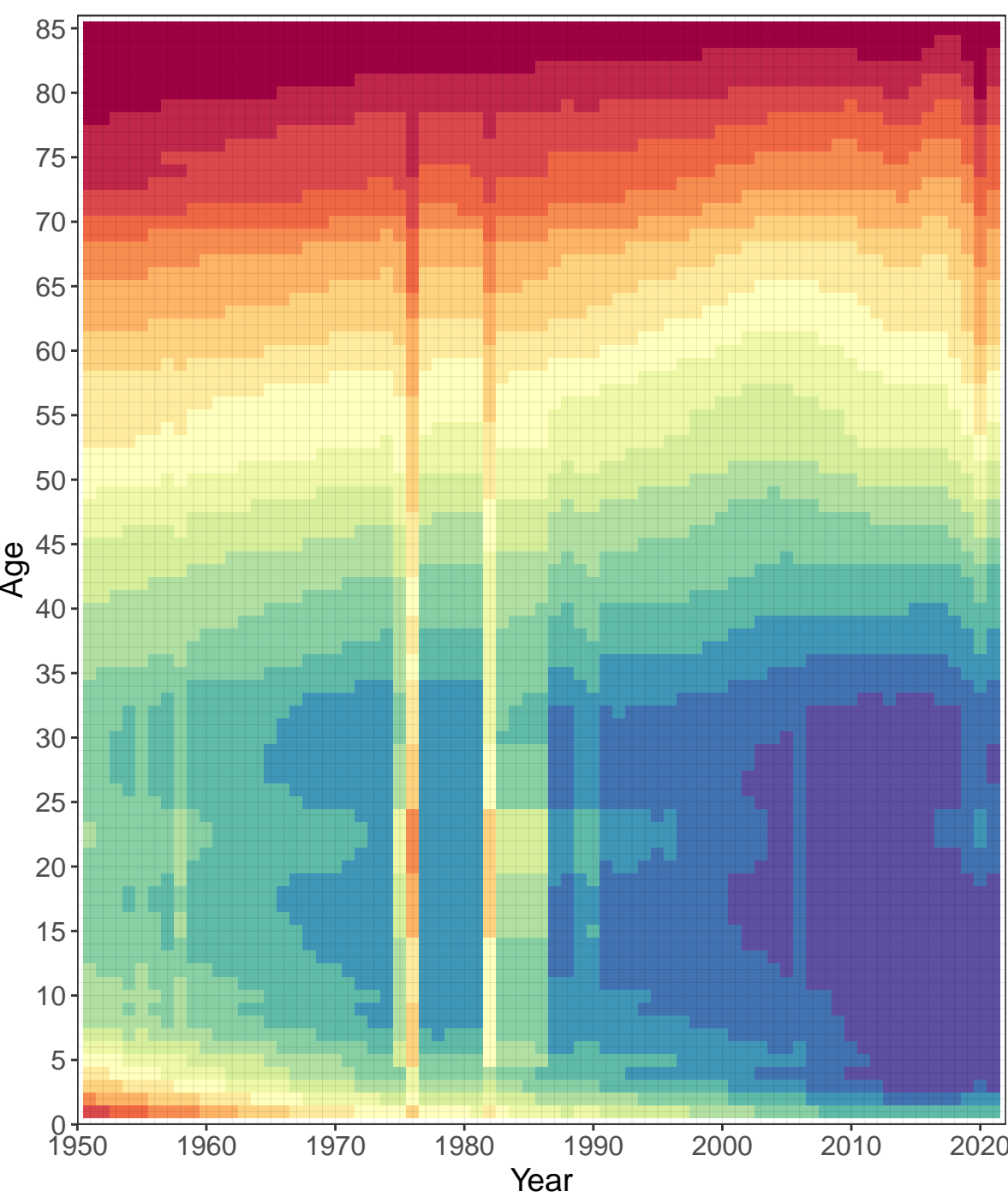


Appendix 2 Figure S4: Kuwait mortality rates, 1950–2023

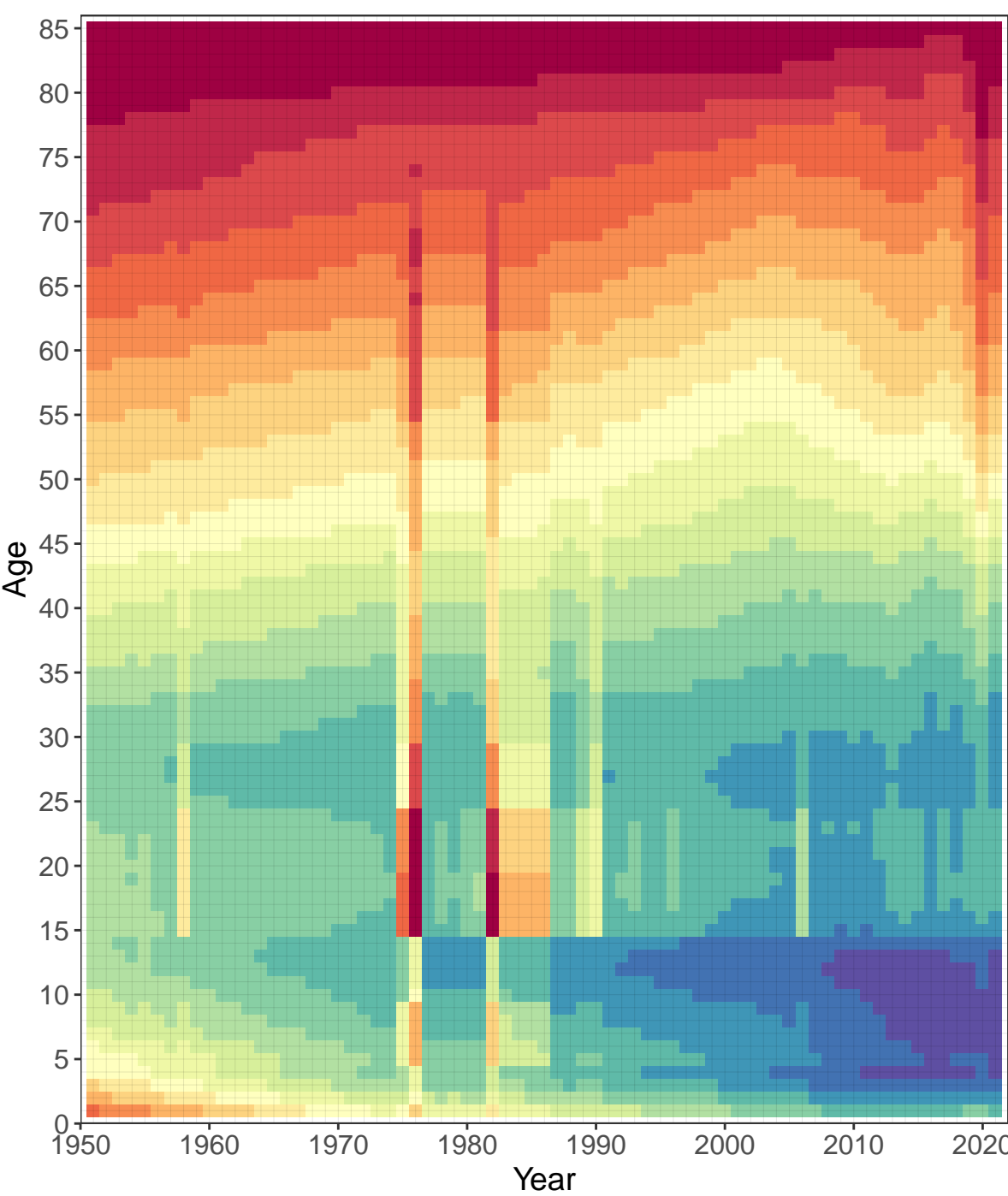


Appendix 2 Figure S4: Lebanon mortality rates, 1950–2023

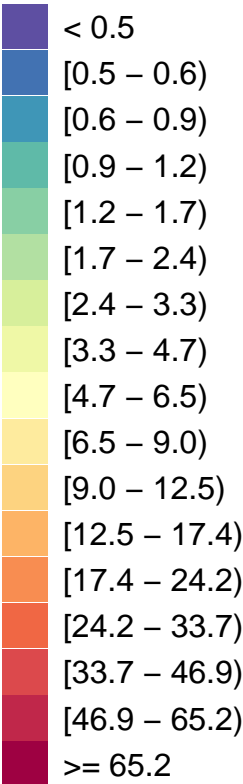
Females



Males

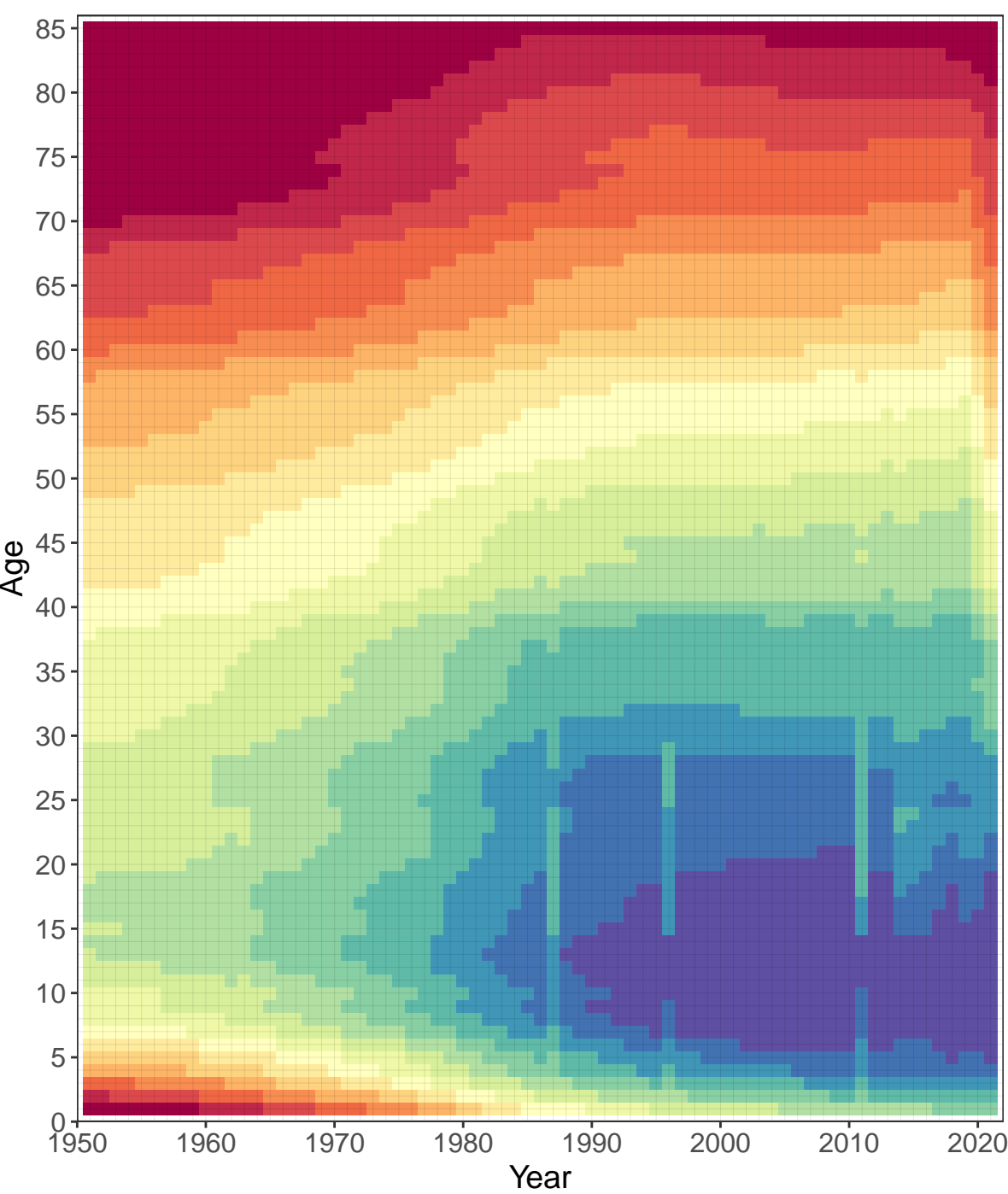


Mx (per 1,000)

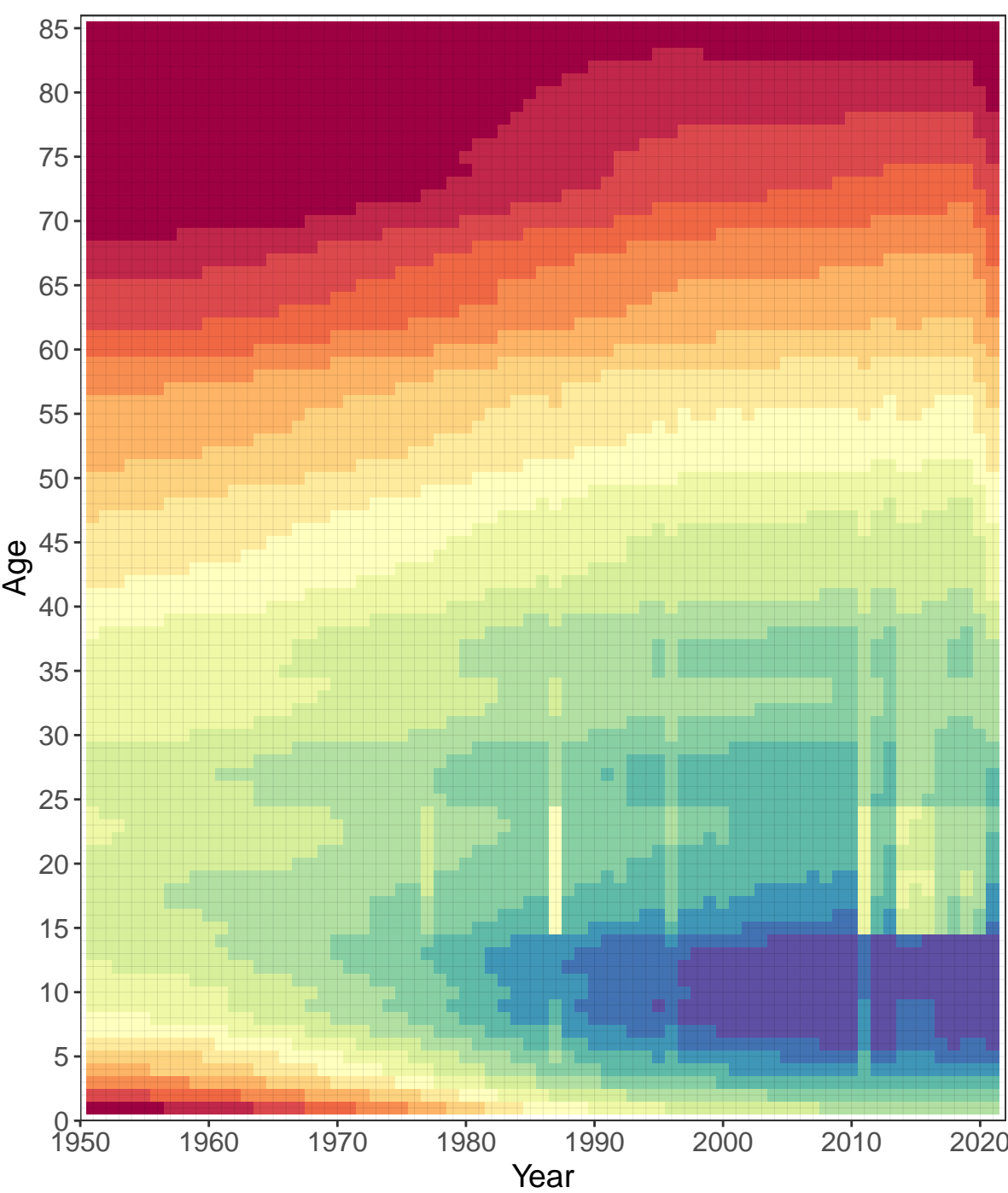


Appendix 2 Figure S4: Libya mortality rates, 1950–2023

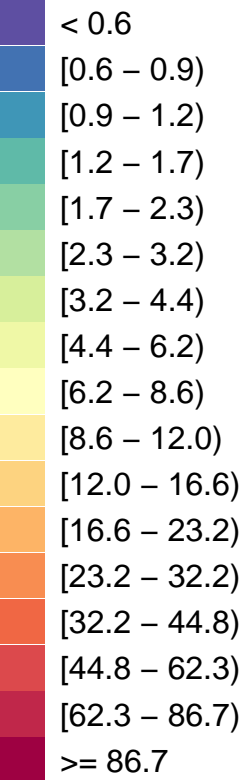
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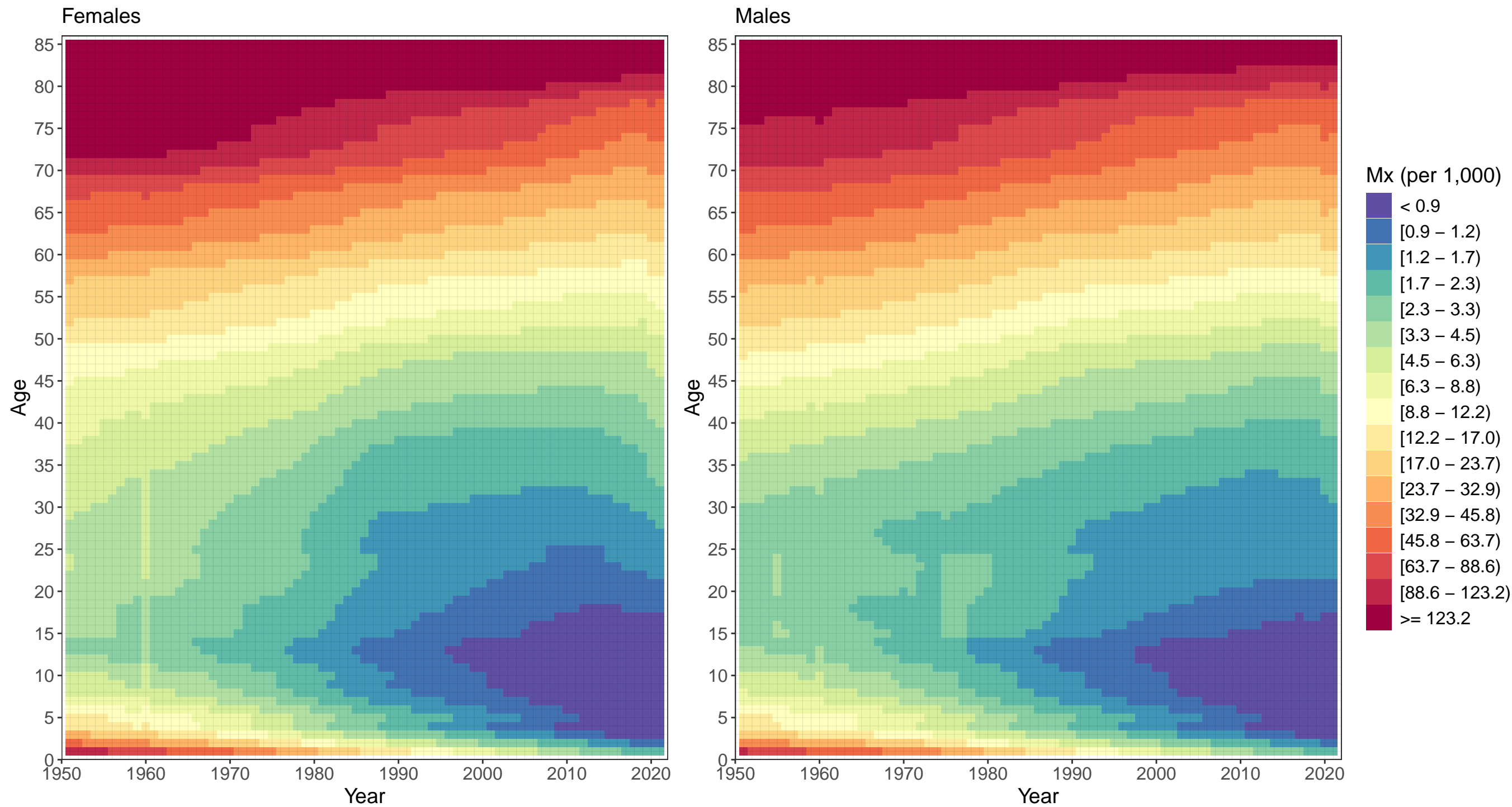
Males



Mx (per 1,000)

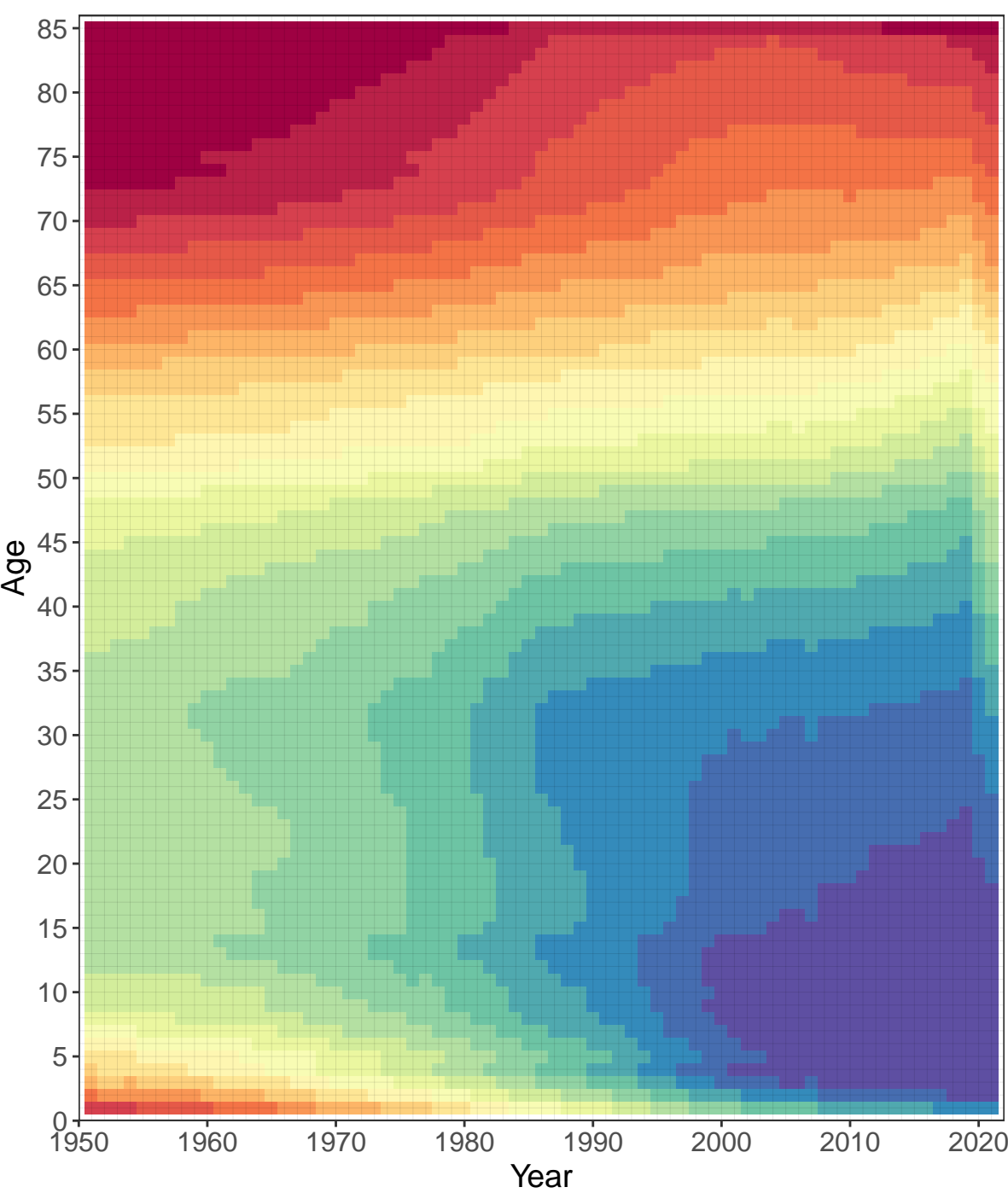


Appendix 2 Figure S4: Morocco mortality rates, 1950–2023

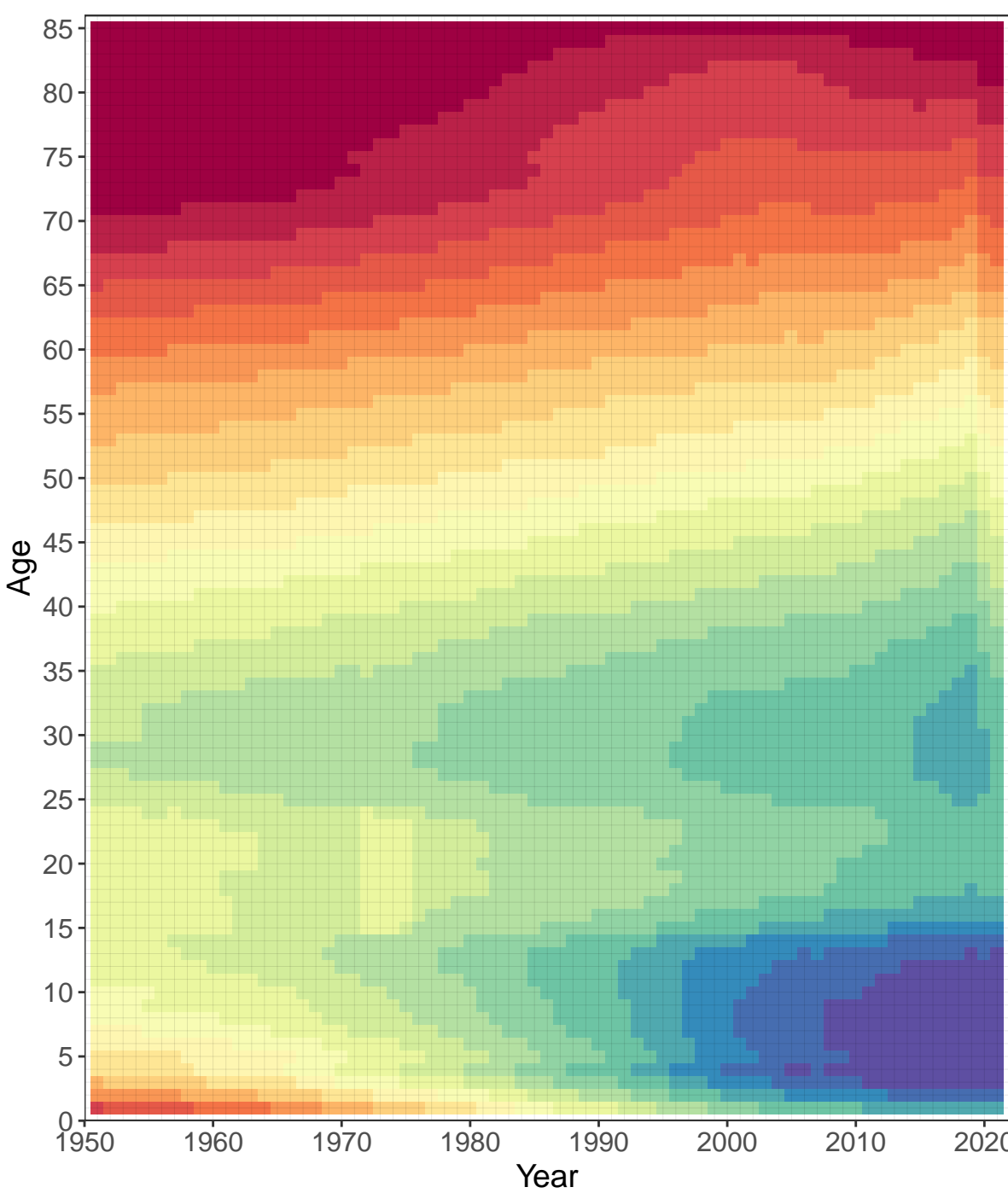


Appendix 2 Figure S4: Oman mortality rates, 1950–2023

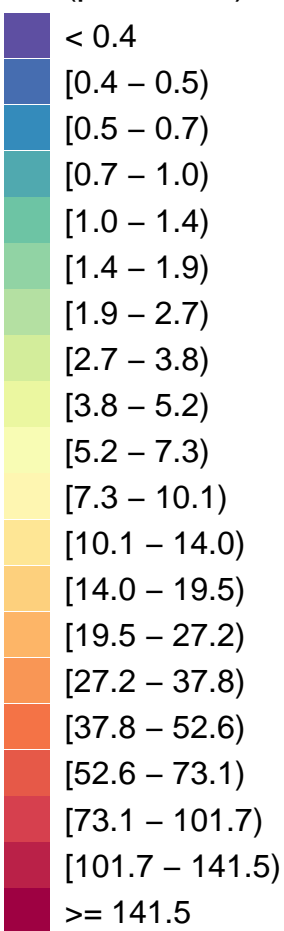
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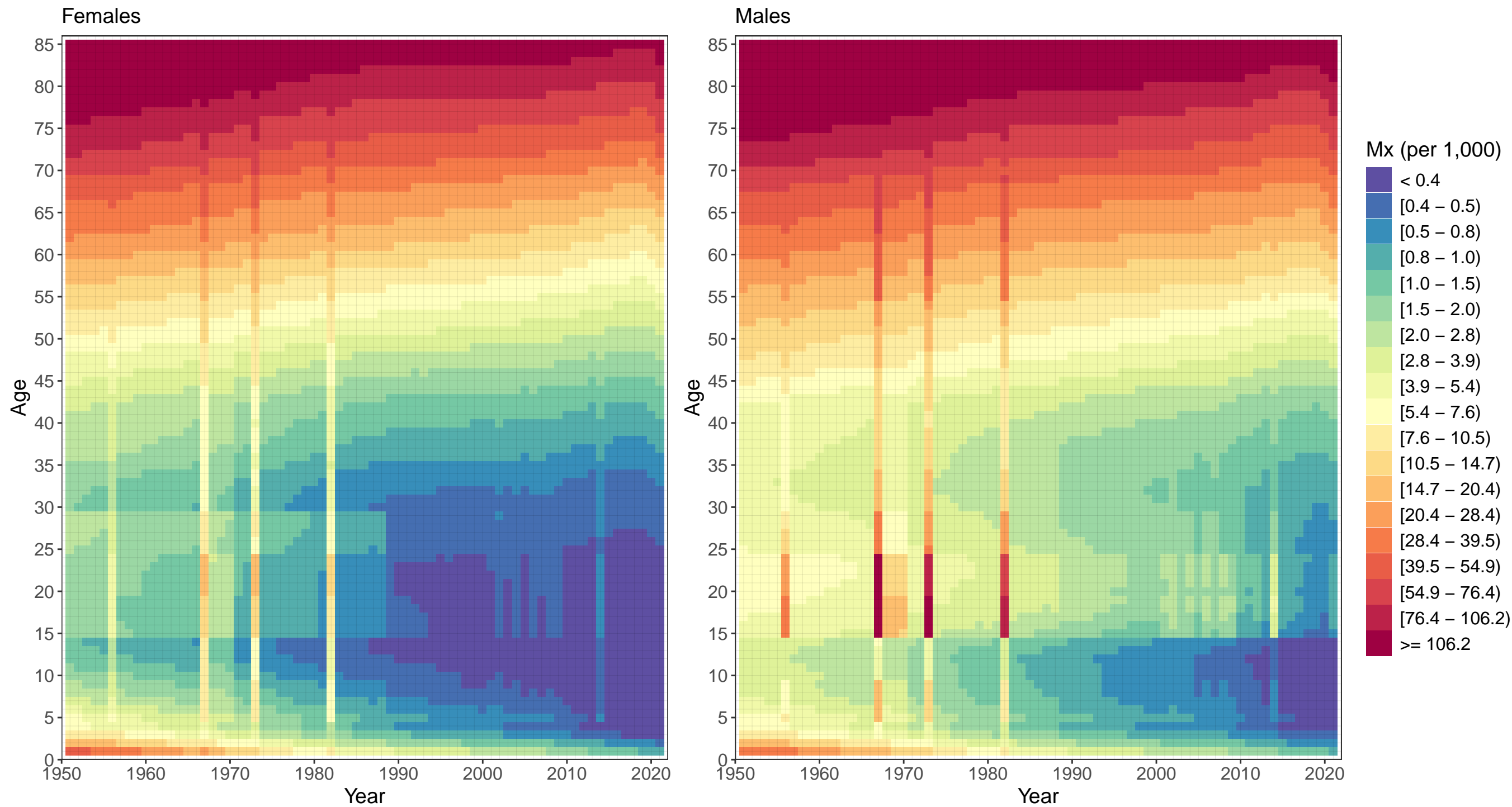
Males



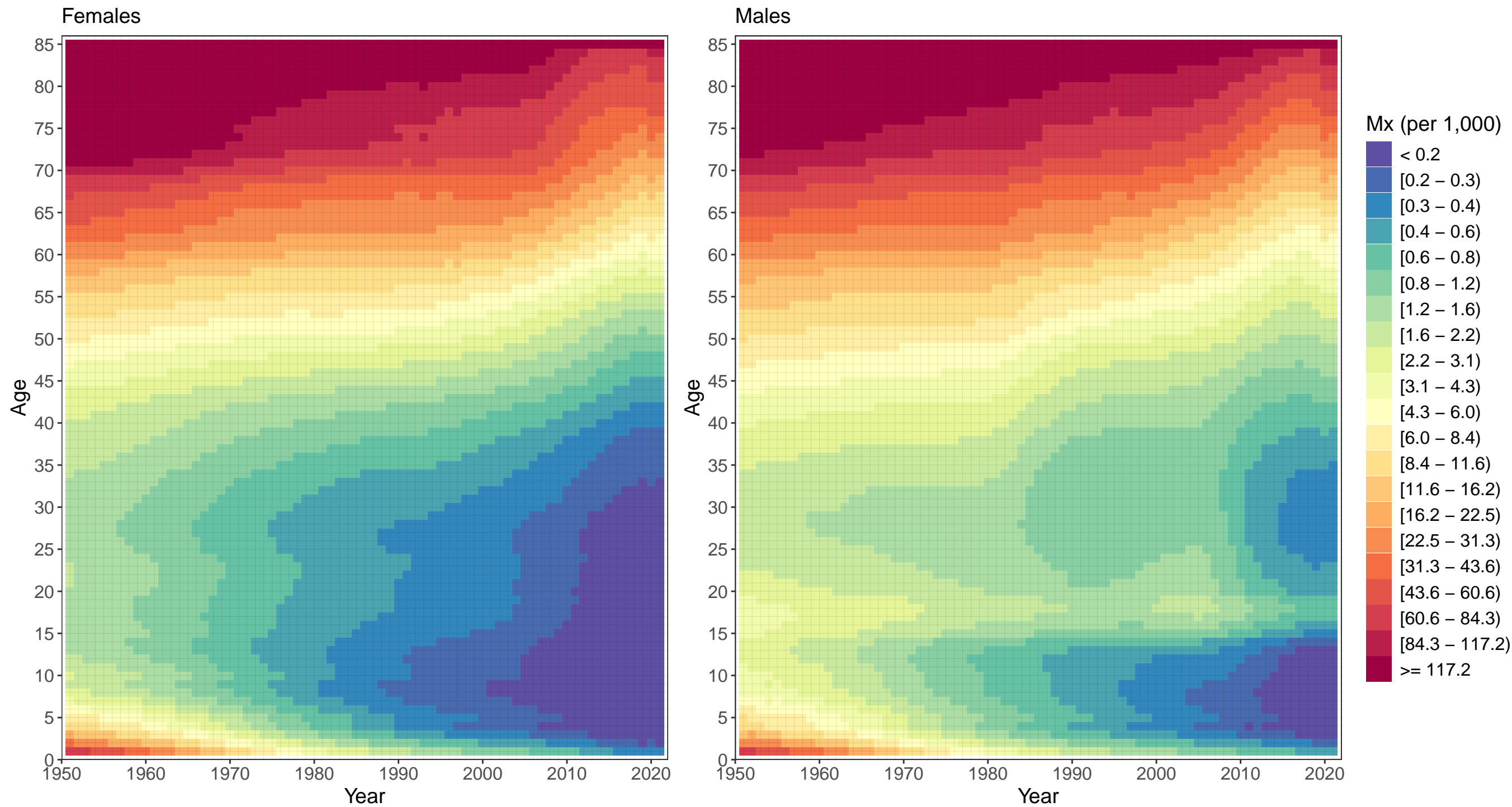
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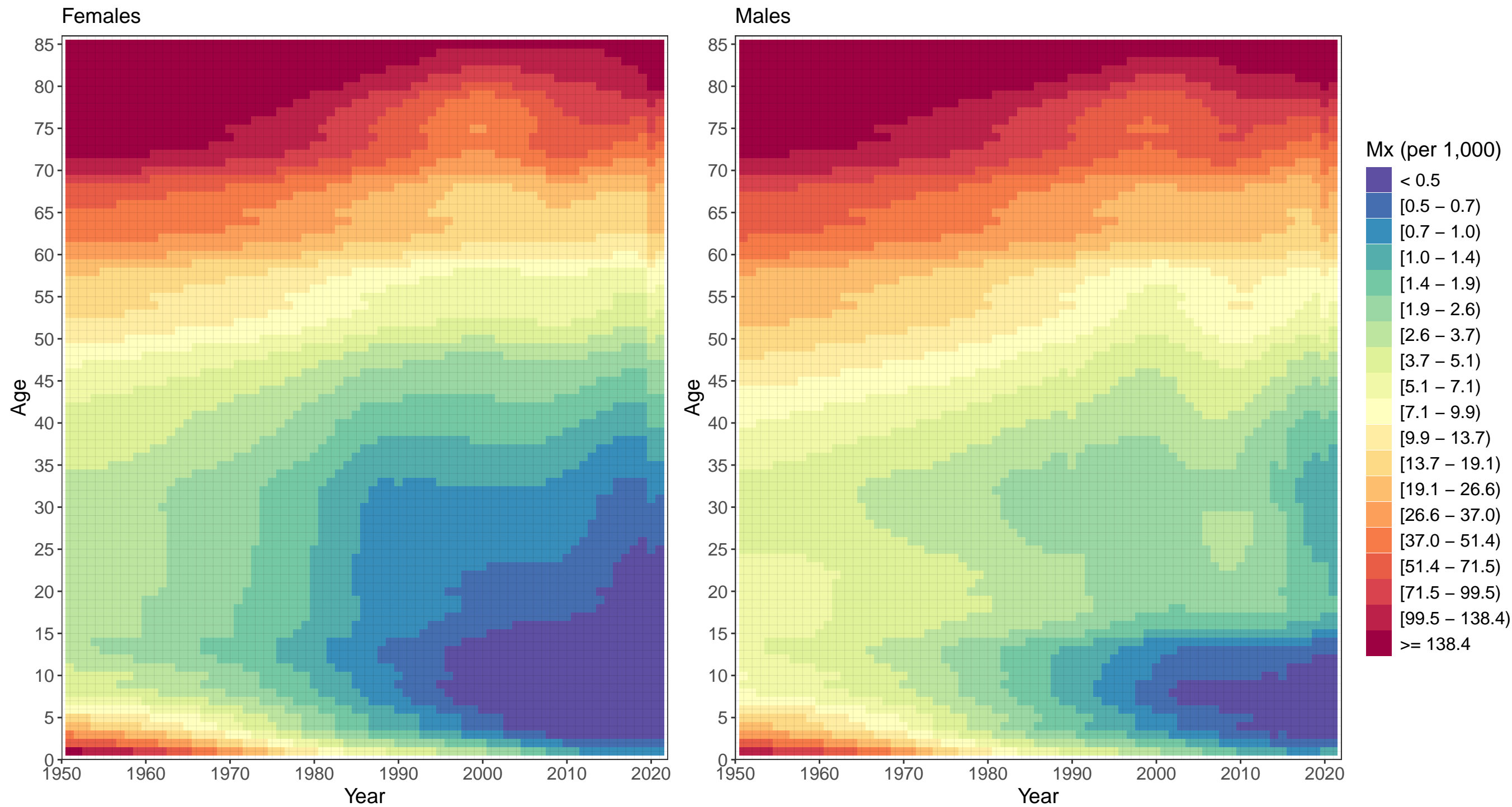
Appendix 2 Figure S4: Palestine mortality rates, 1950–2023



Appendix 2 Figure S4: Qatar mortality rates, 1950–2023

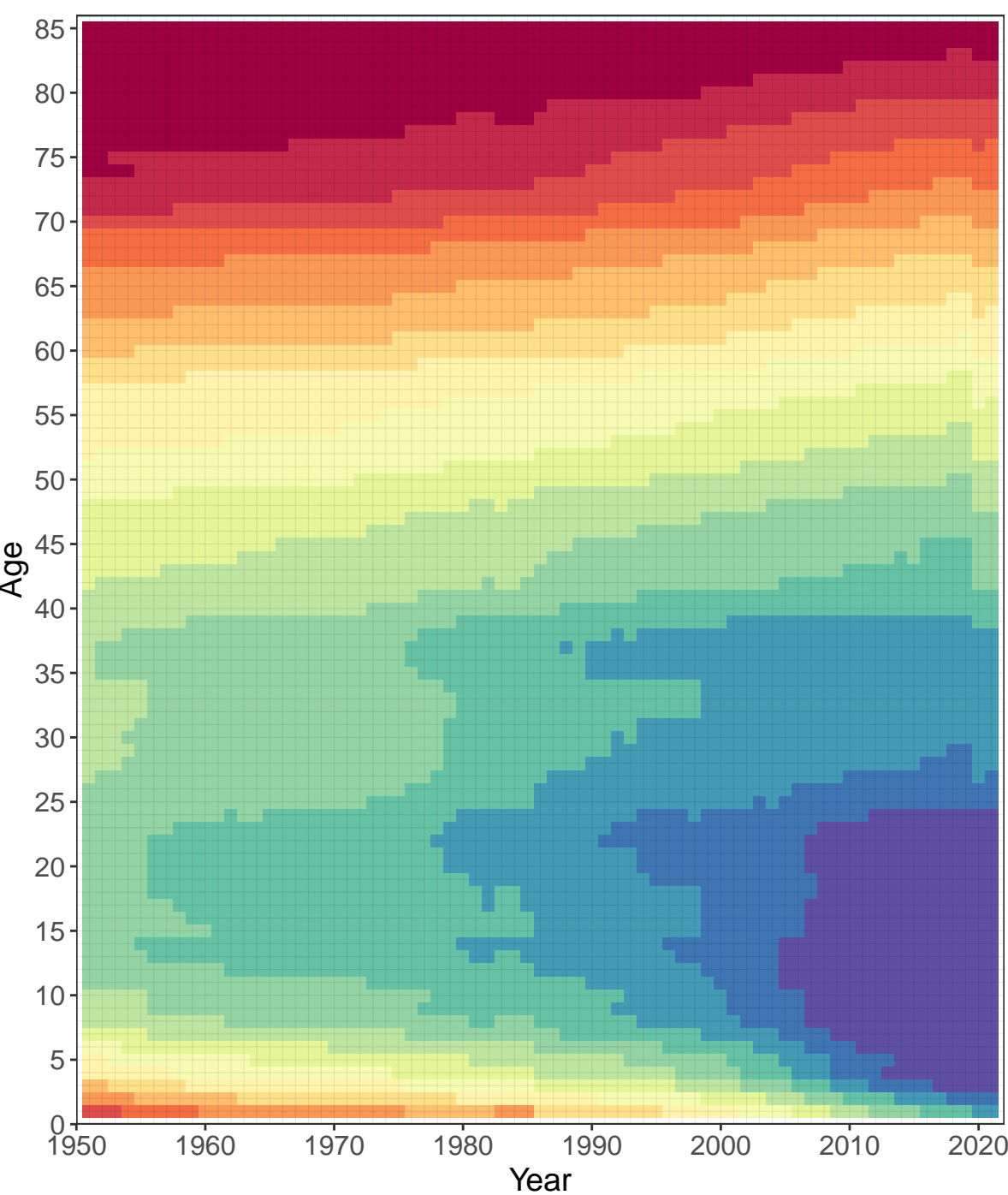


Appendix 2 Figure S4: Saudi Arabia mortality rates, 1950–2023

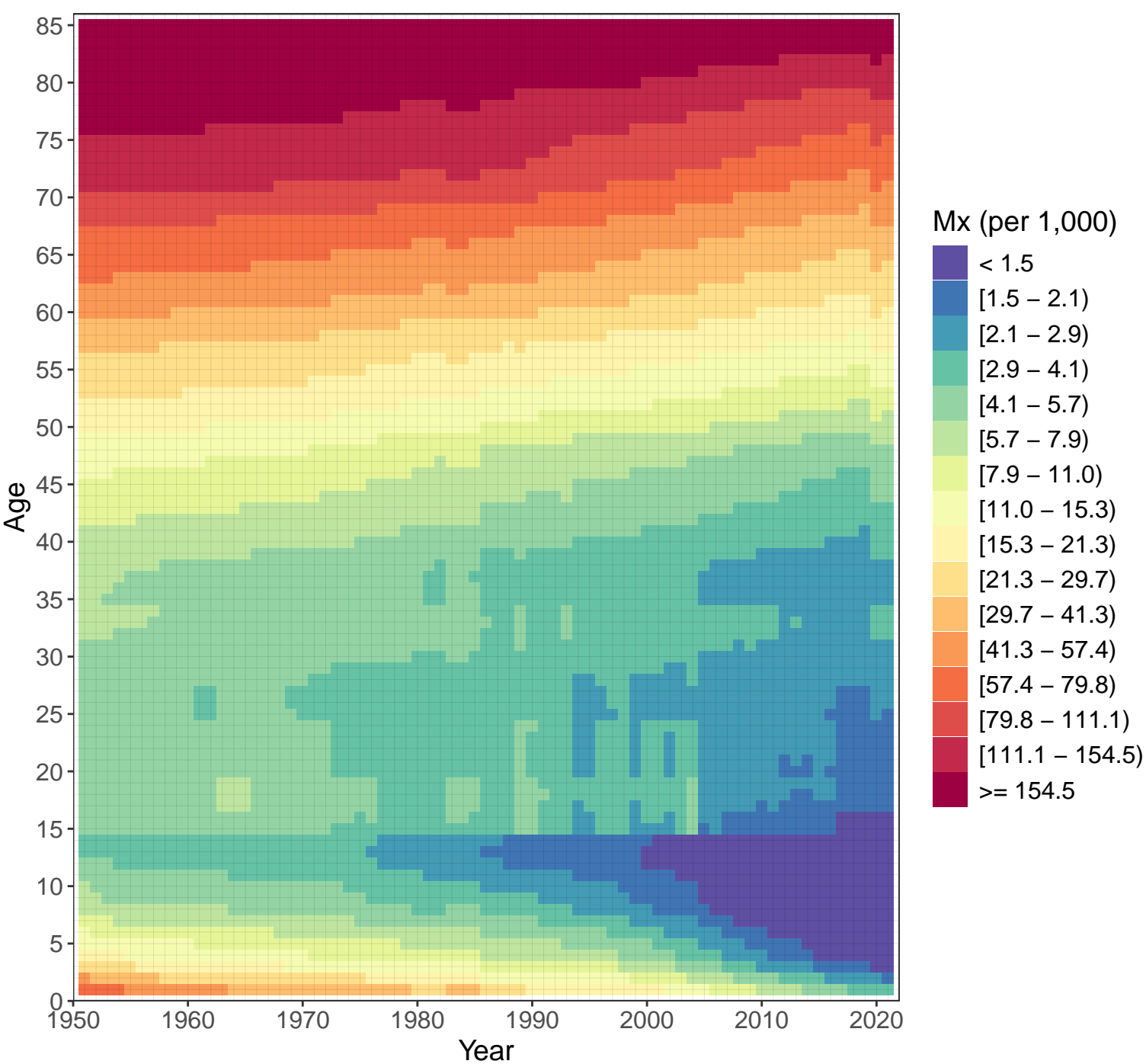


Appendix 2 Figure S4: Sudan mortality rates, 1950–2023

Females

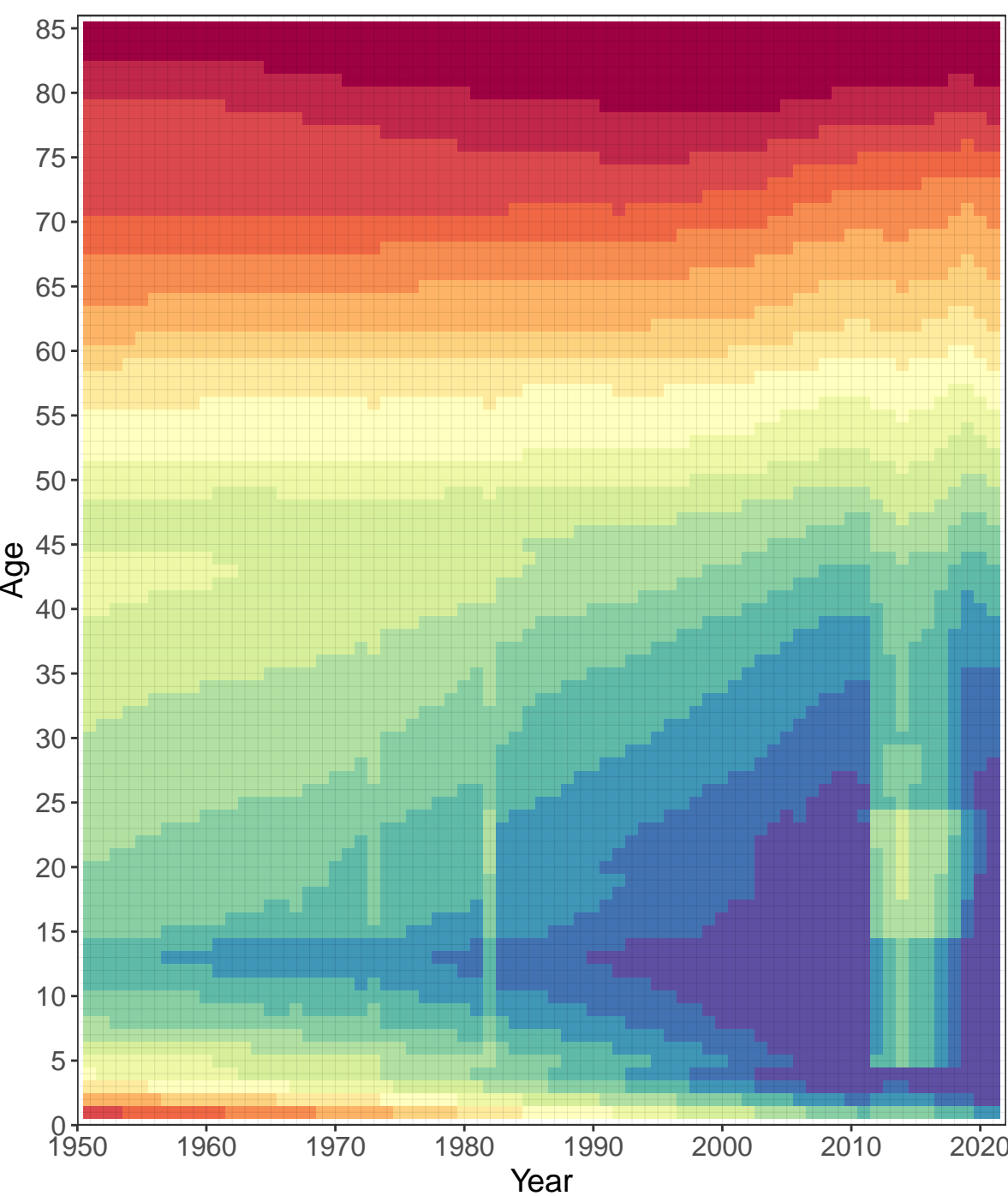


Males

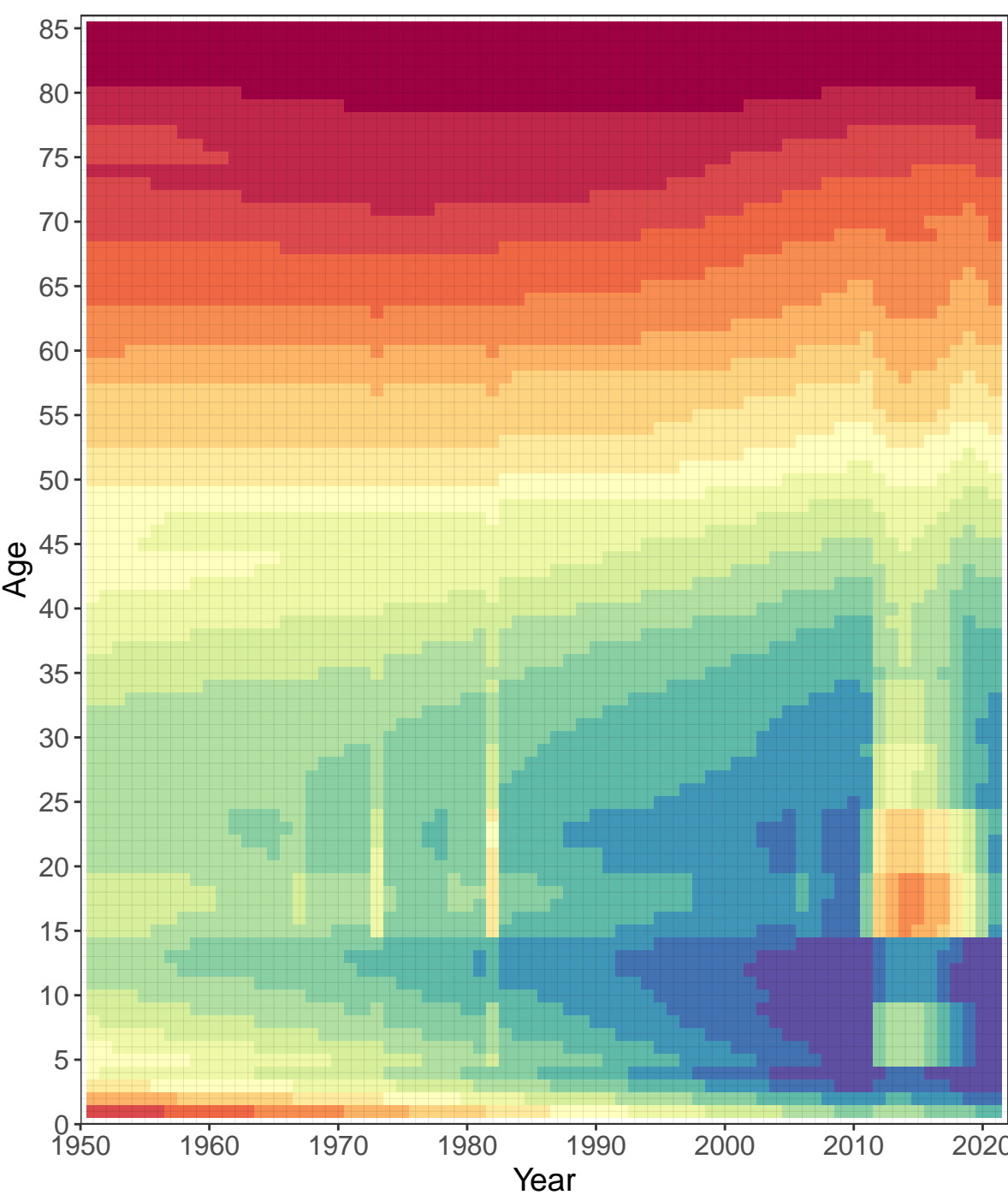


Appendix 2 Figure S4: Syria mortality rates, 1950–2023

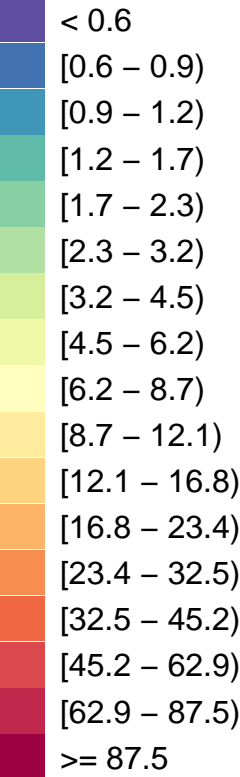
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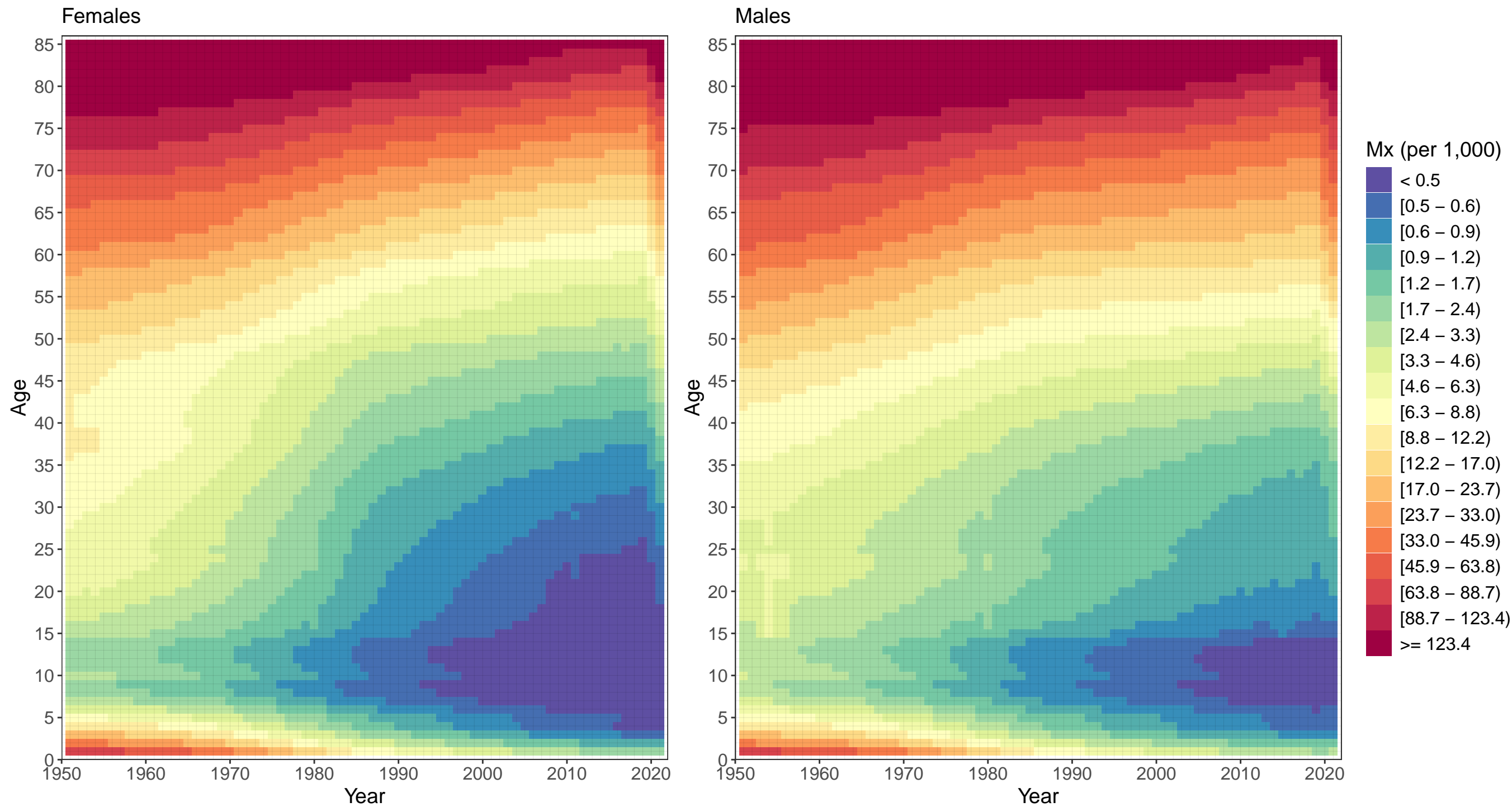
Males



Mx (per 1,000)

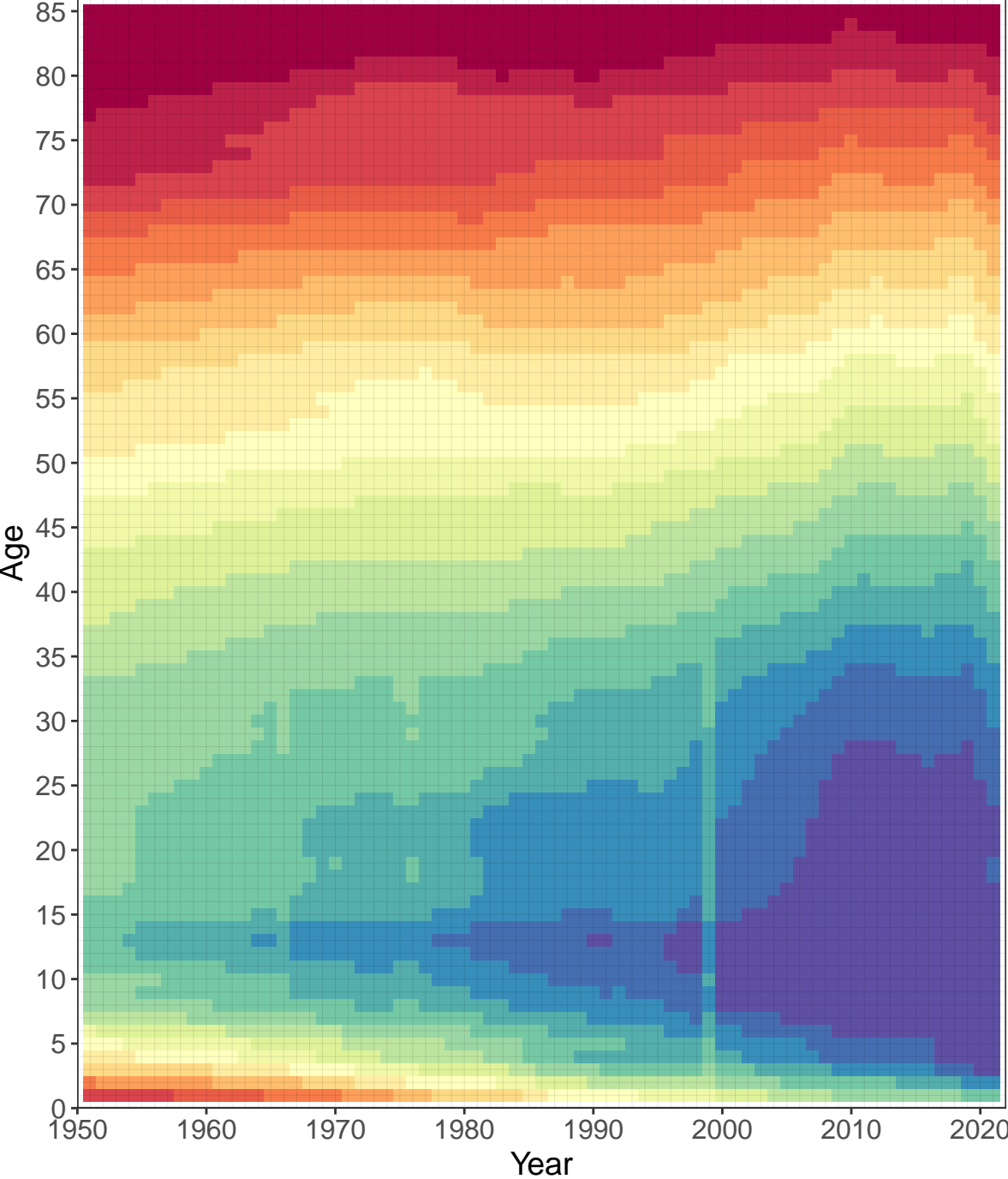


Appendix 2 Figure S4: Tunisia mortality rates, 1950–2023

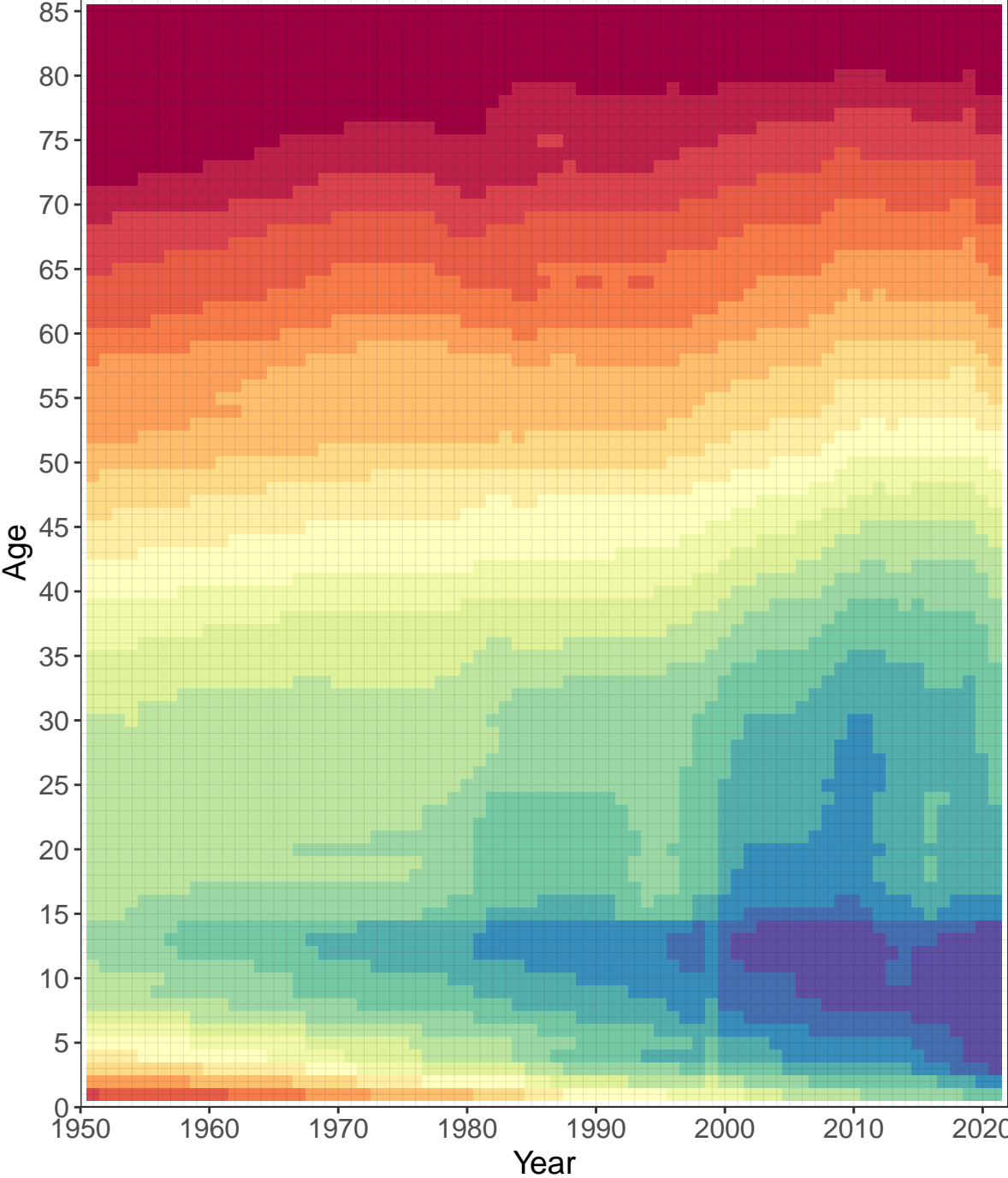


Appendix 2 Figure S4: Türkiye mortality rates, 1950–2023

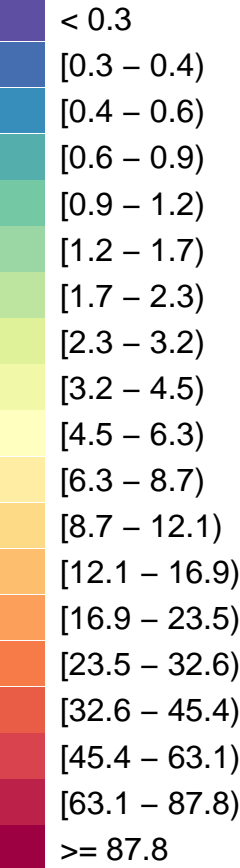
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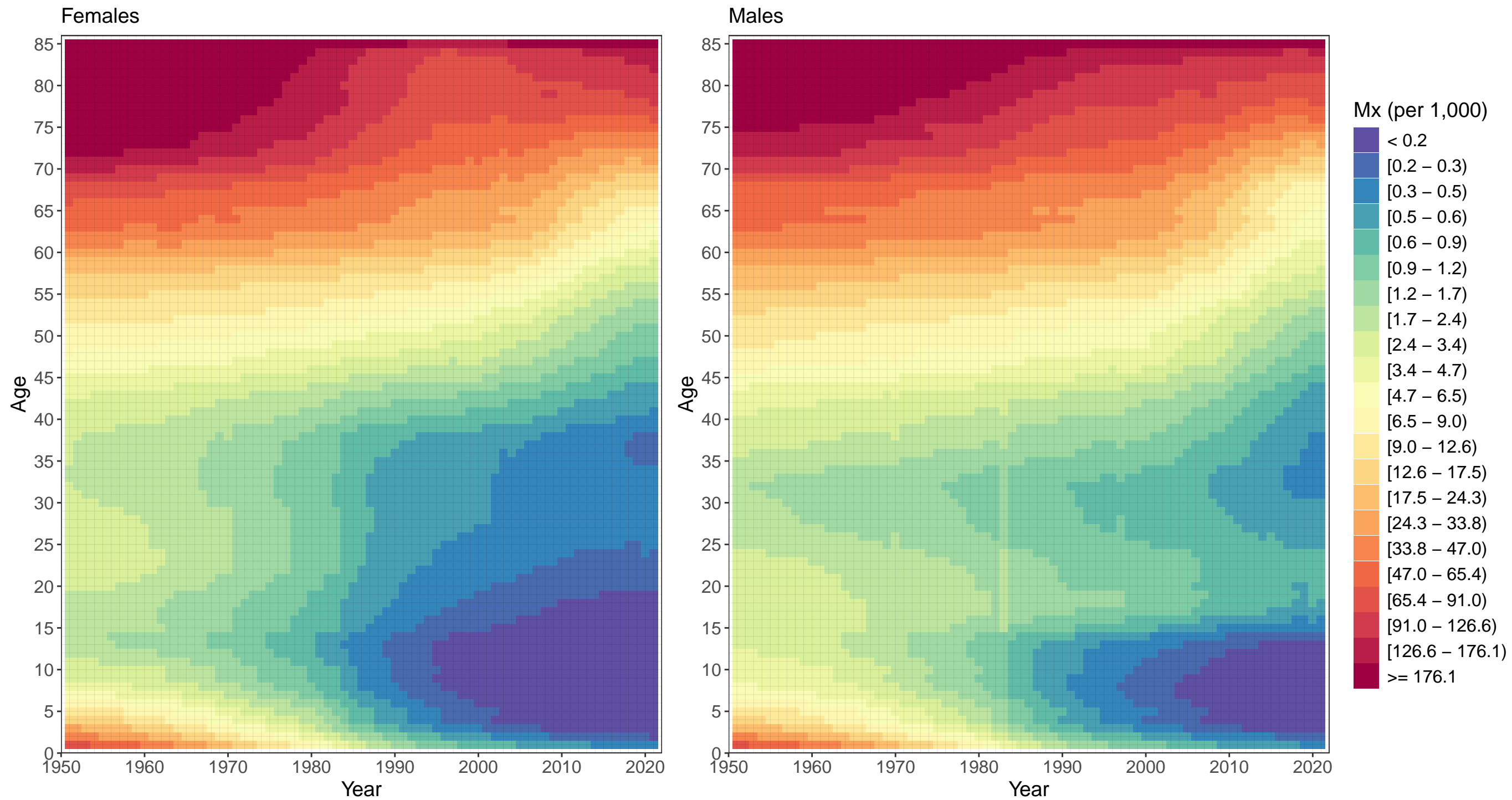
Males



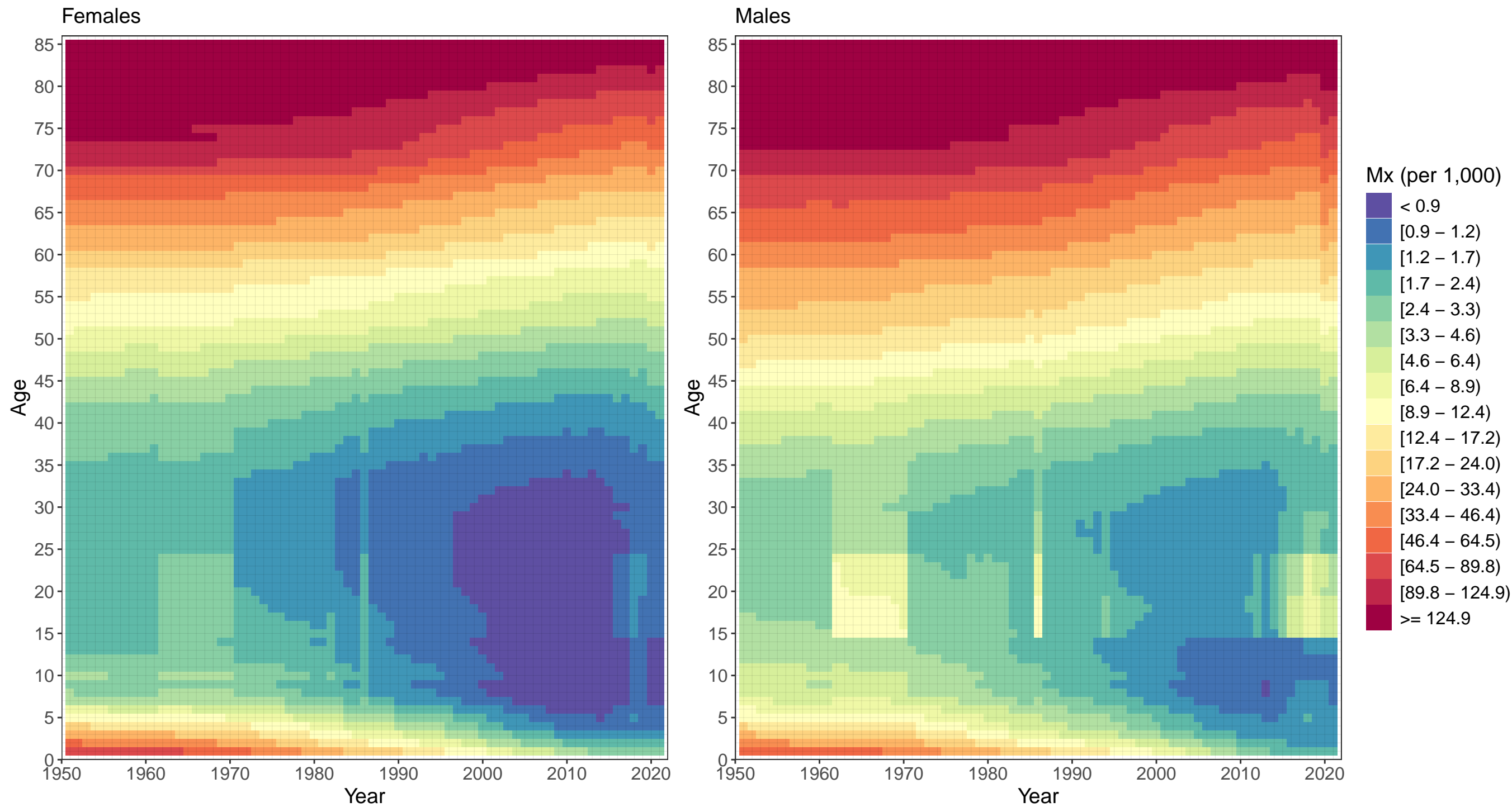
Mx (per 1,000)



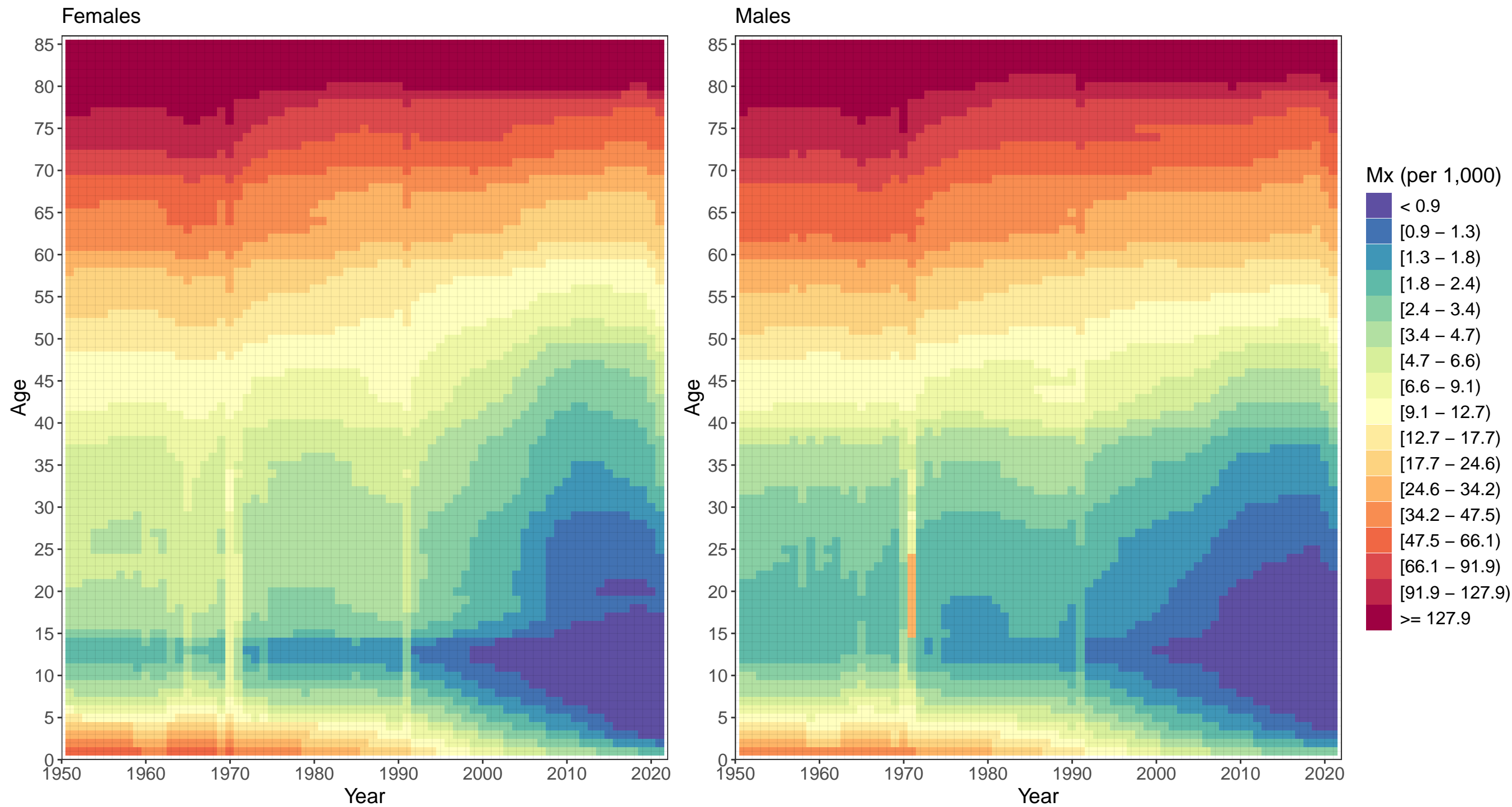
Appendix 2 Figure S4: United Arab Emirates mortality rates, 1950–2023



Appendix 2 Figure S4: Yemen mortality rates, 1950–2023

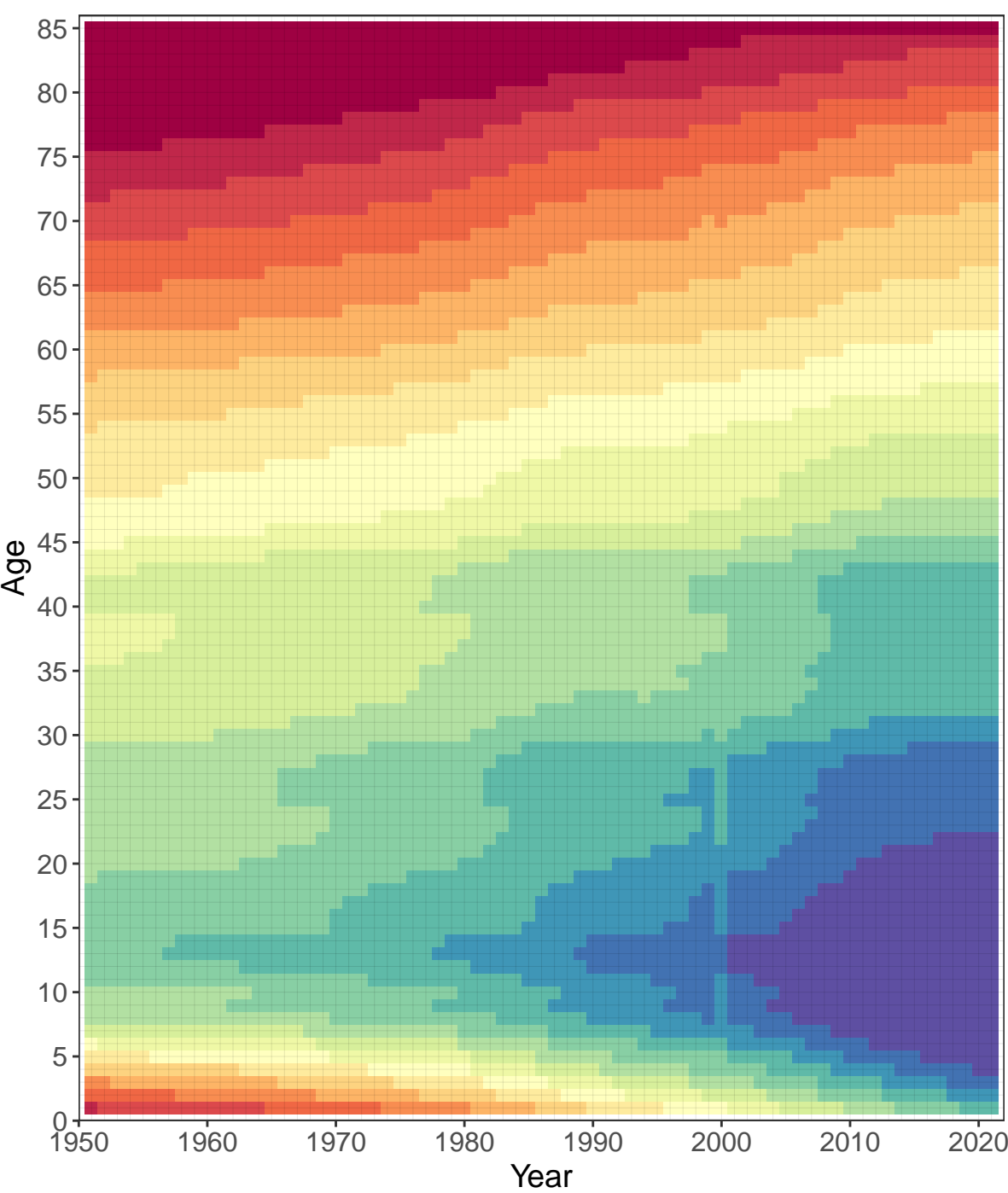


Appendix 2 Figure S4: Bangladesh mortality rates, 1950–2023

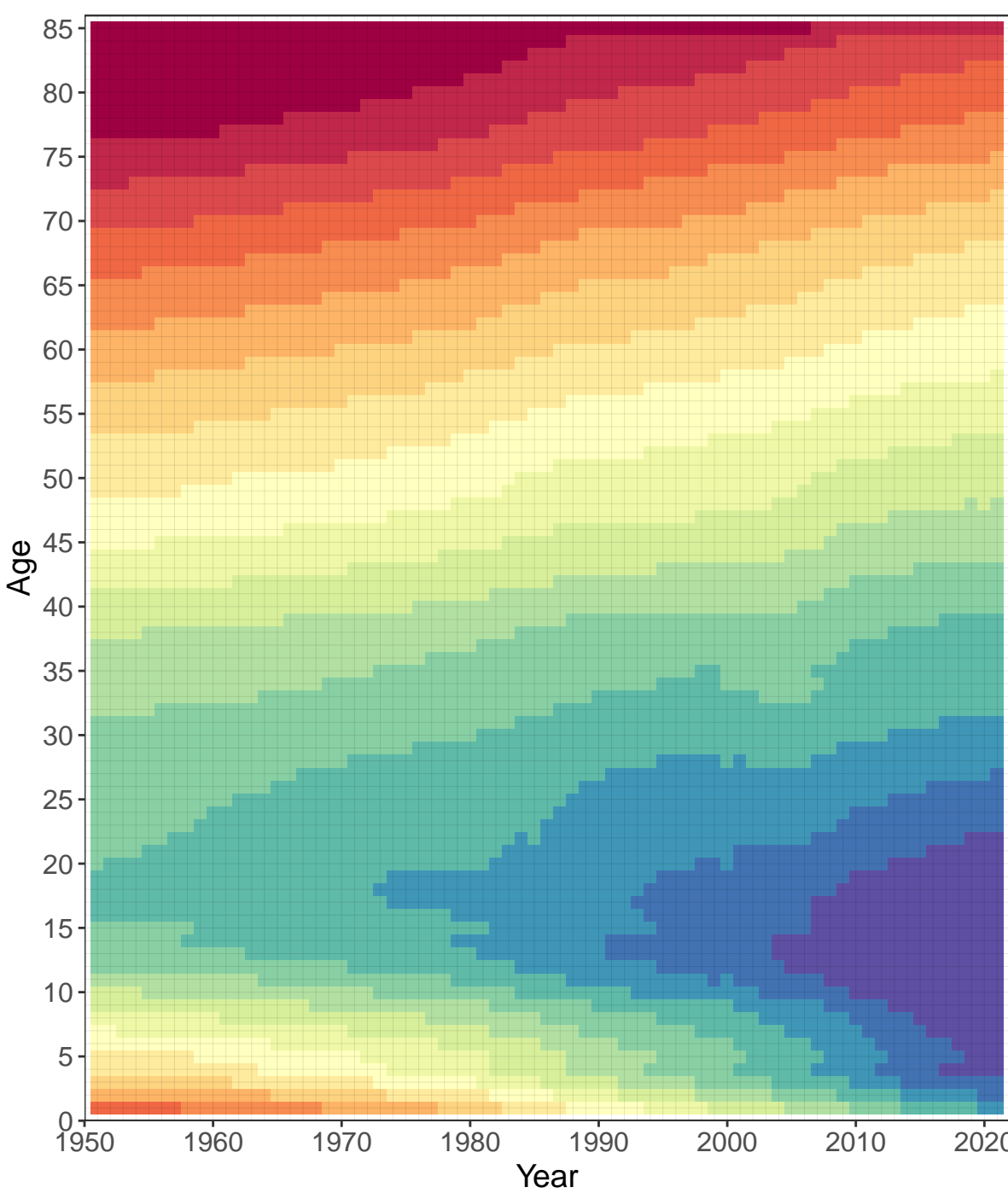


Appendix 2 Figure S4: Bhutan mortality rates, 1950–2023

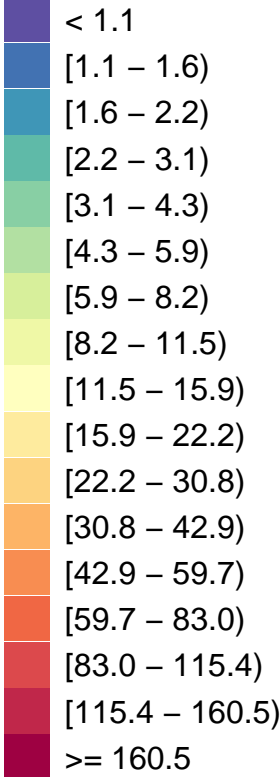
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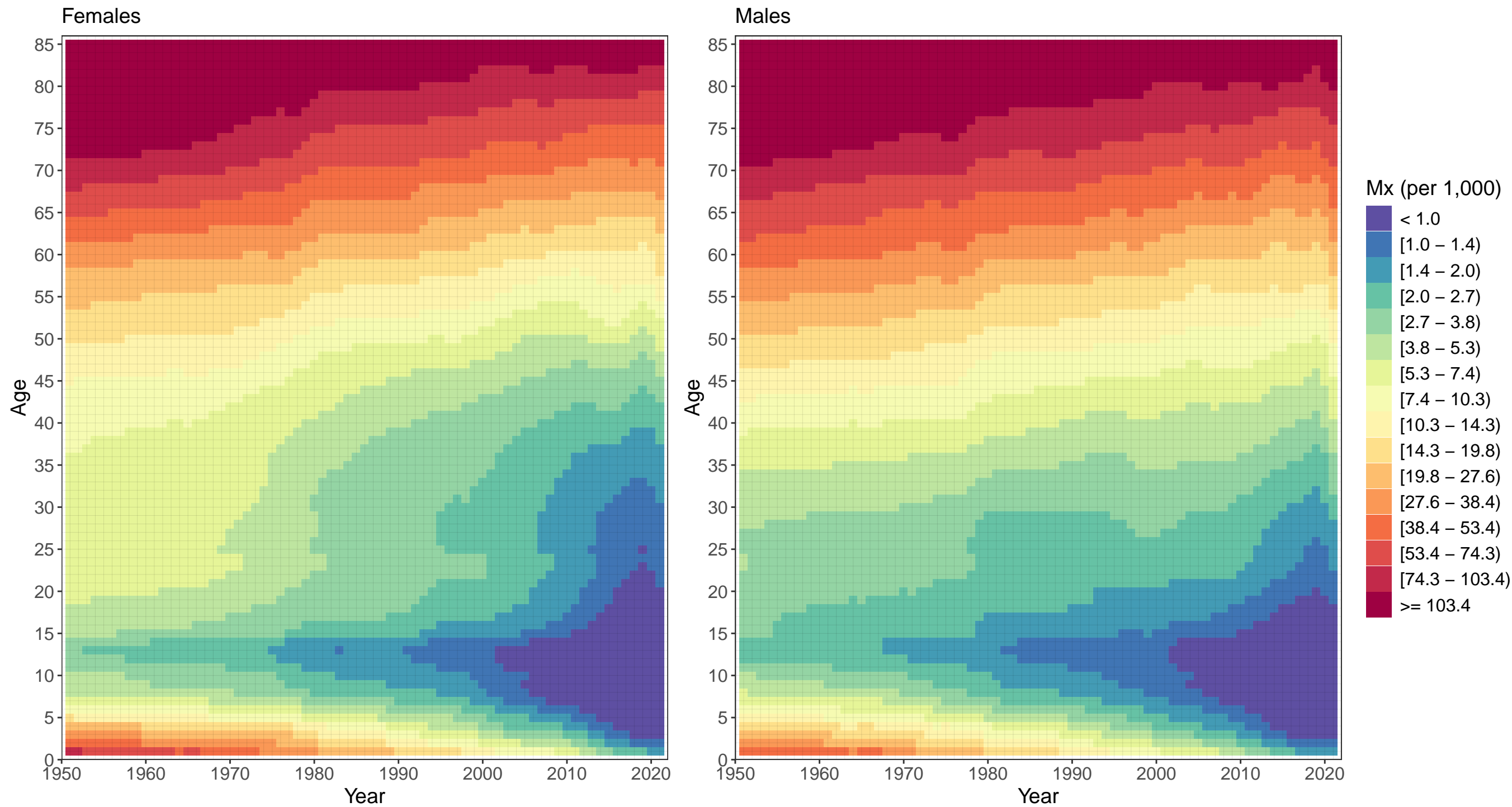
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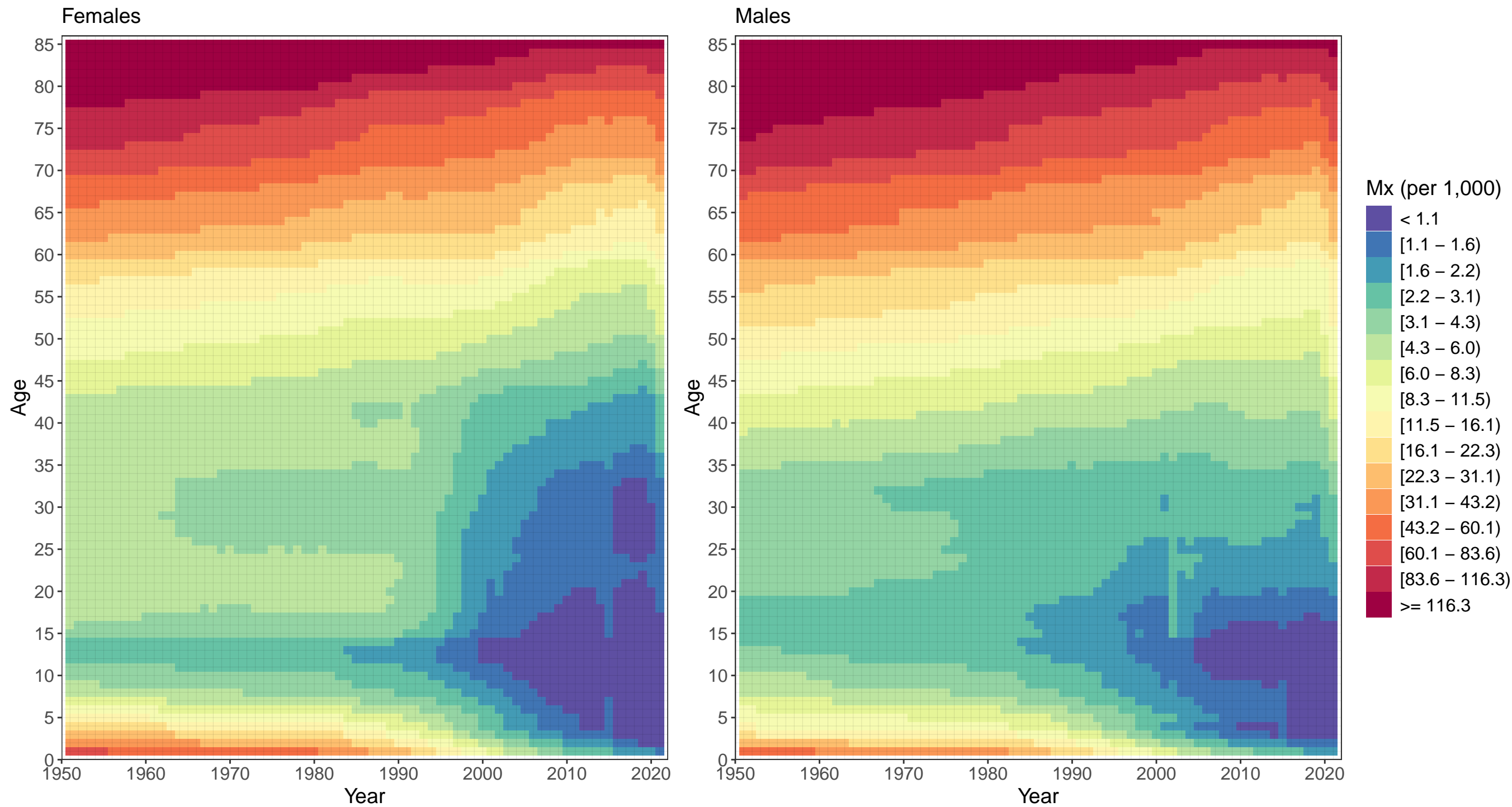
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Appendix 2 Figure S4: India mortality rates, 1950–2023

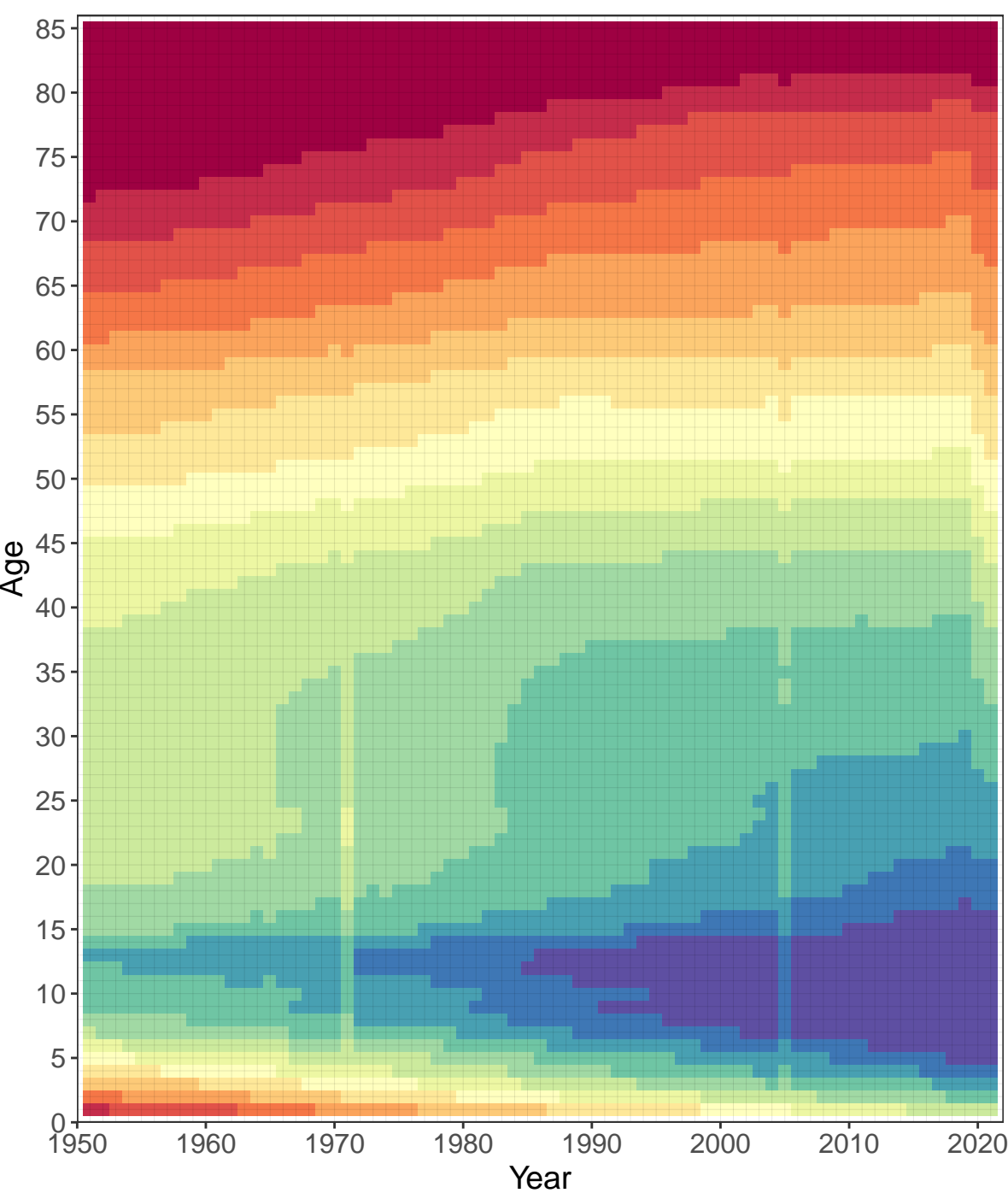


Appendix 2 Figure S4: Nepal mortality rates, 1950–2023

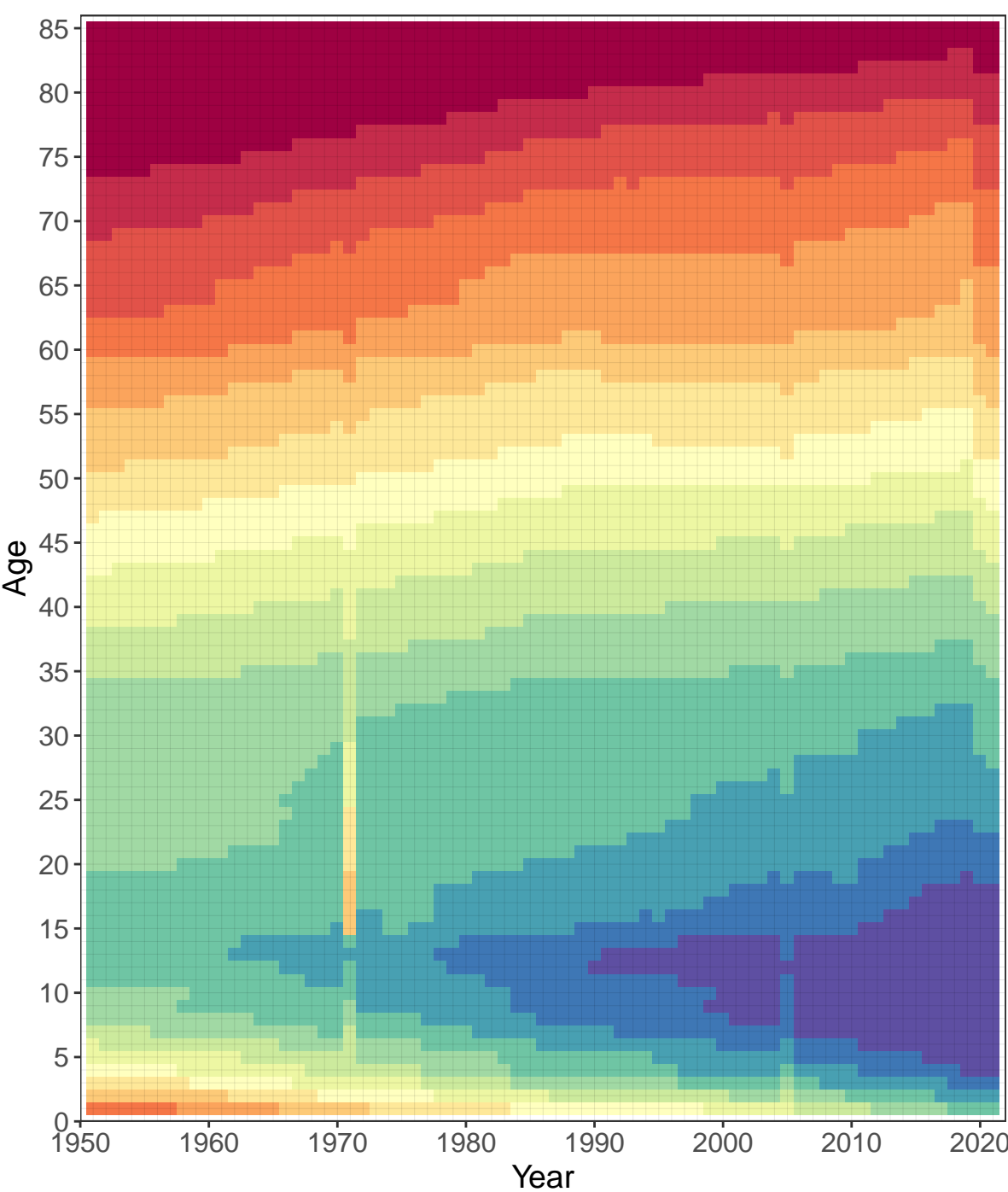


Appendix 2 Figure S4: Pakistan mortality rates, 1950–2023

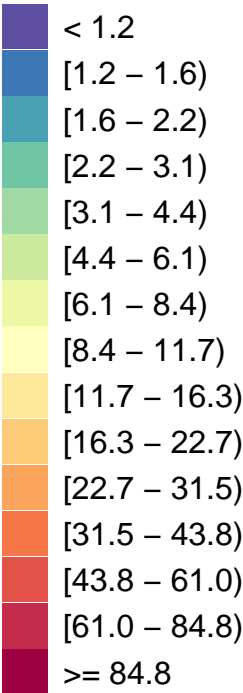
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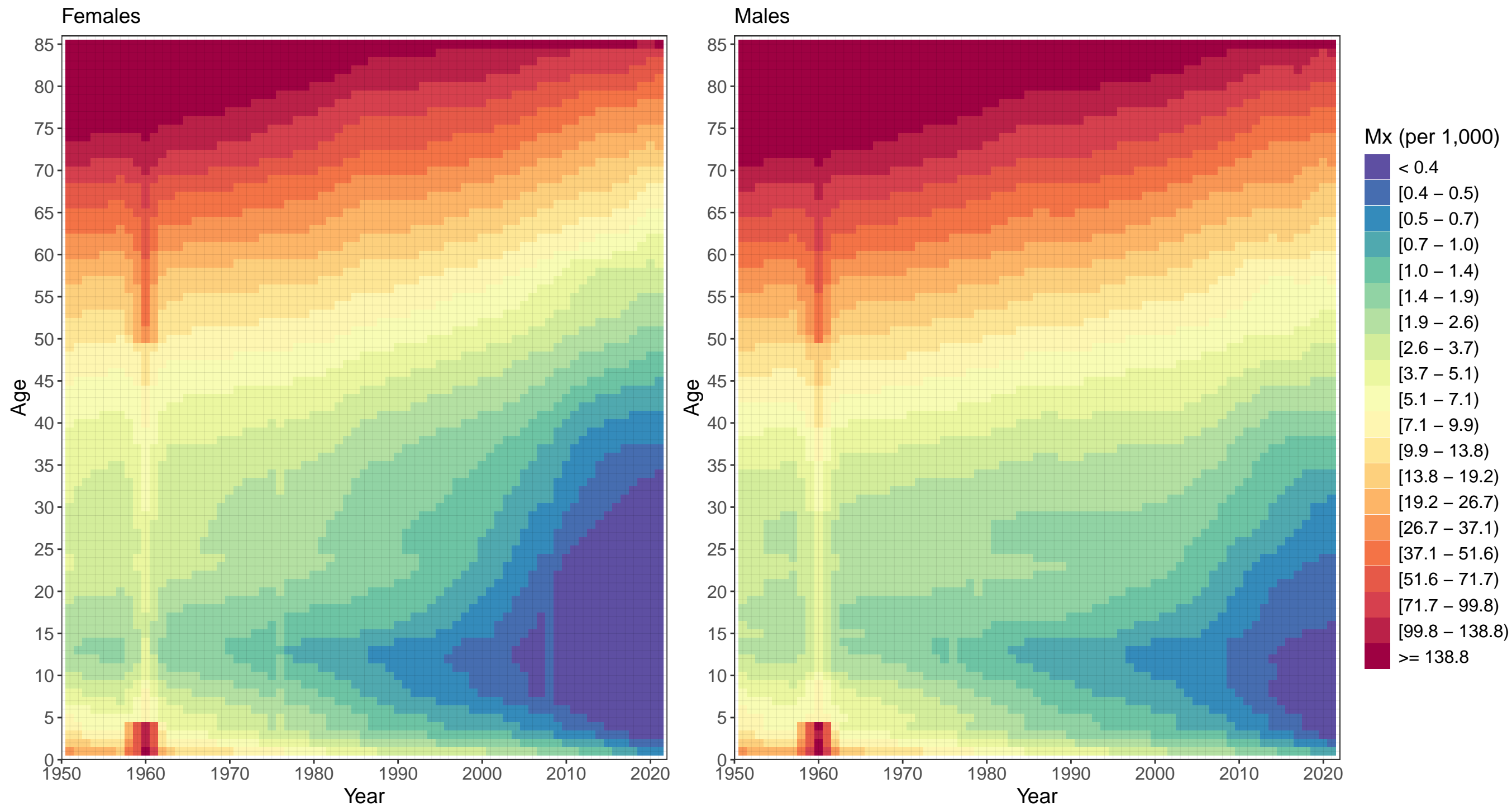
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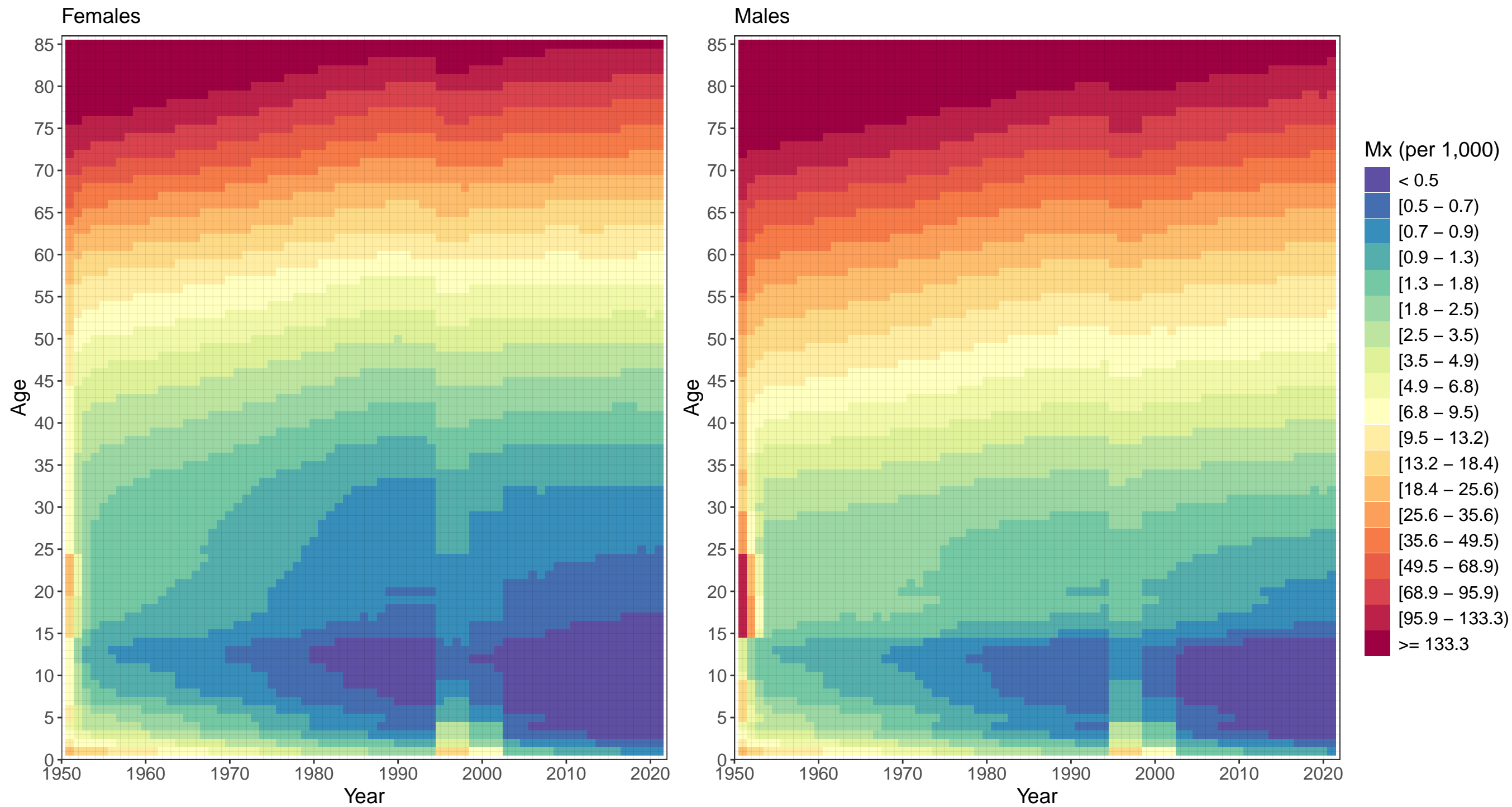
Mx (per 1,000)



Appendix 2 Figure S4: China (without Hong Kong and Macao) mortality rates, 1950–2023

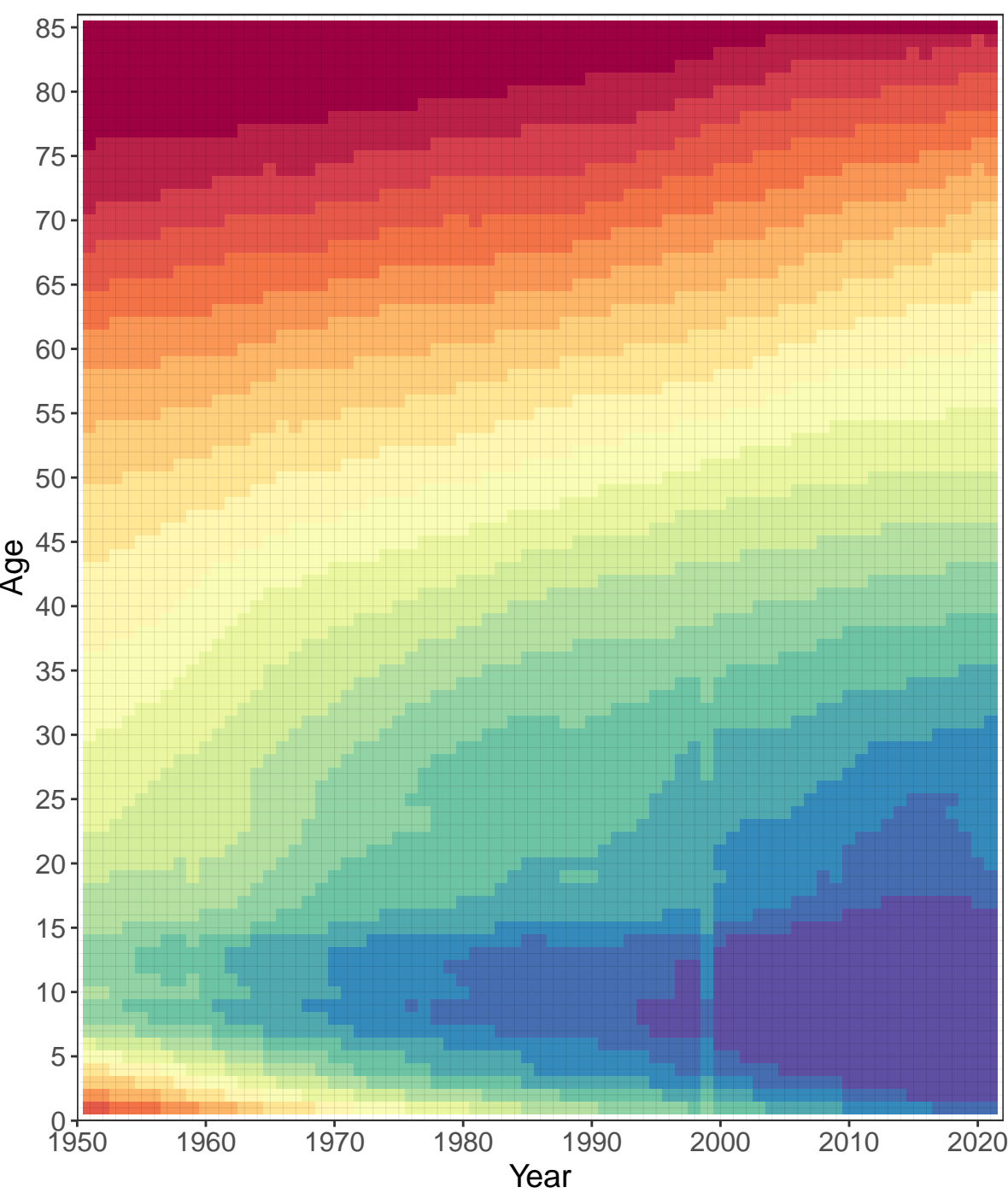


Appendix 2 Figure S4: North Korea mortality rates, 1950–2023

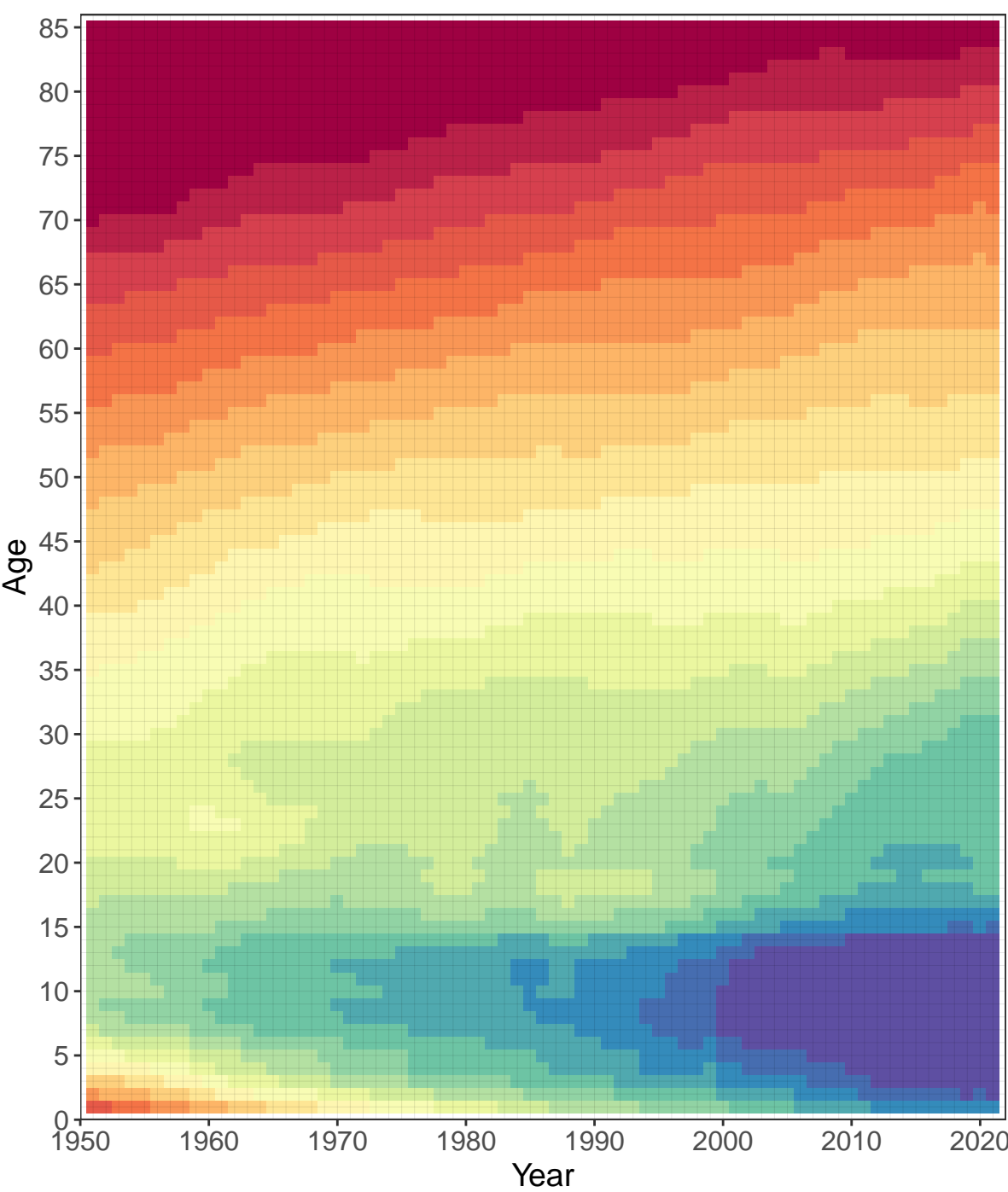


Appendix 2 Figure S4: Taiwan mortality rates, 1950–2023

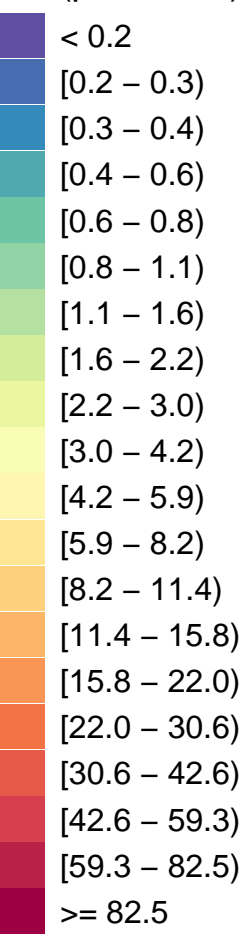
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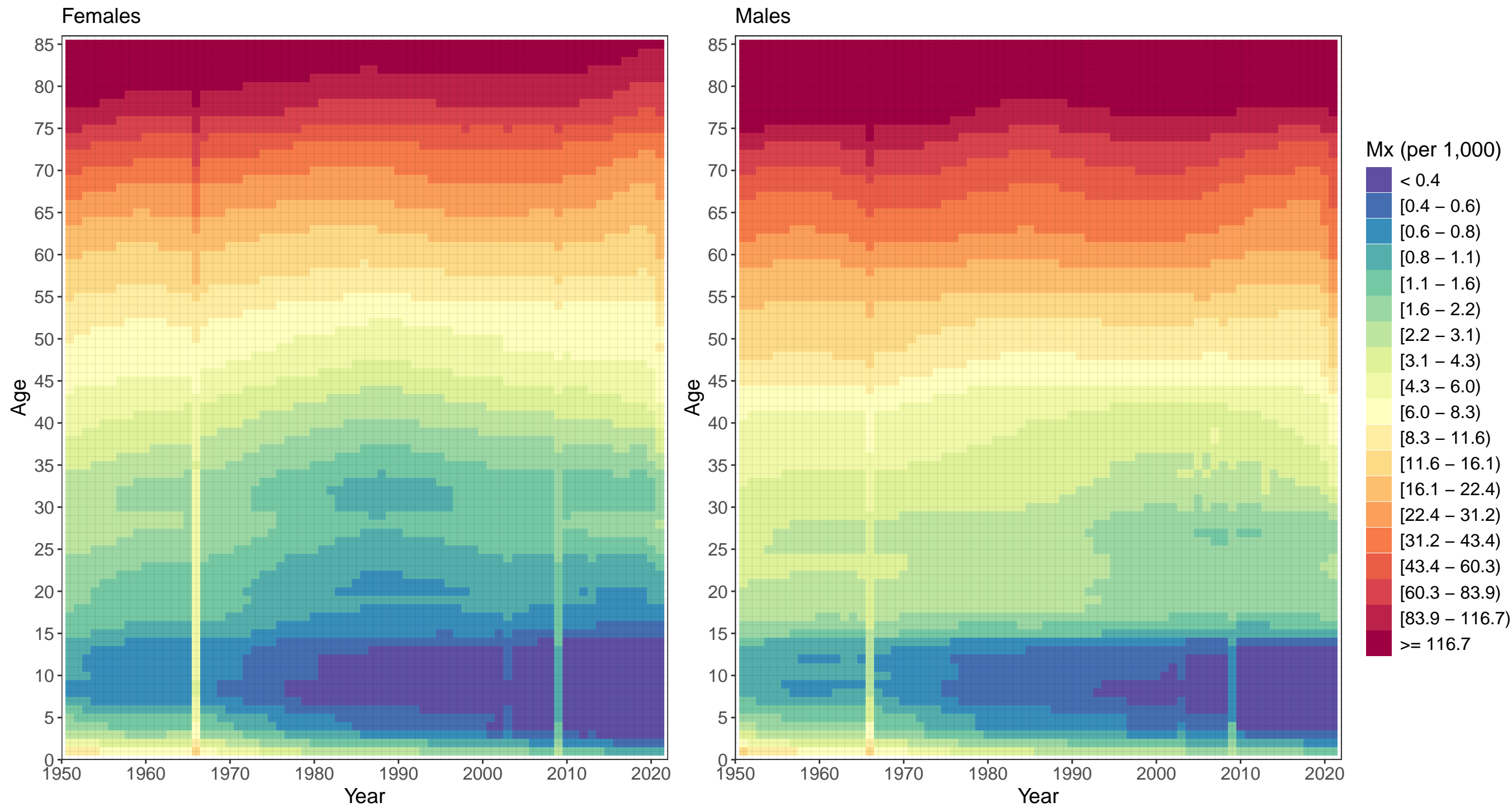
Males



Mx (per 1,000)

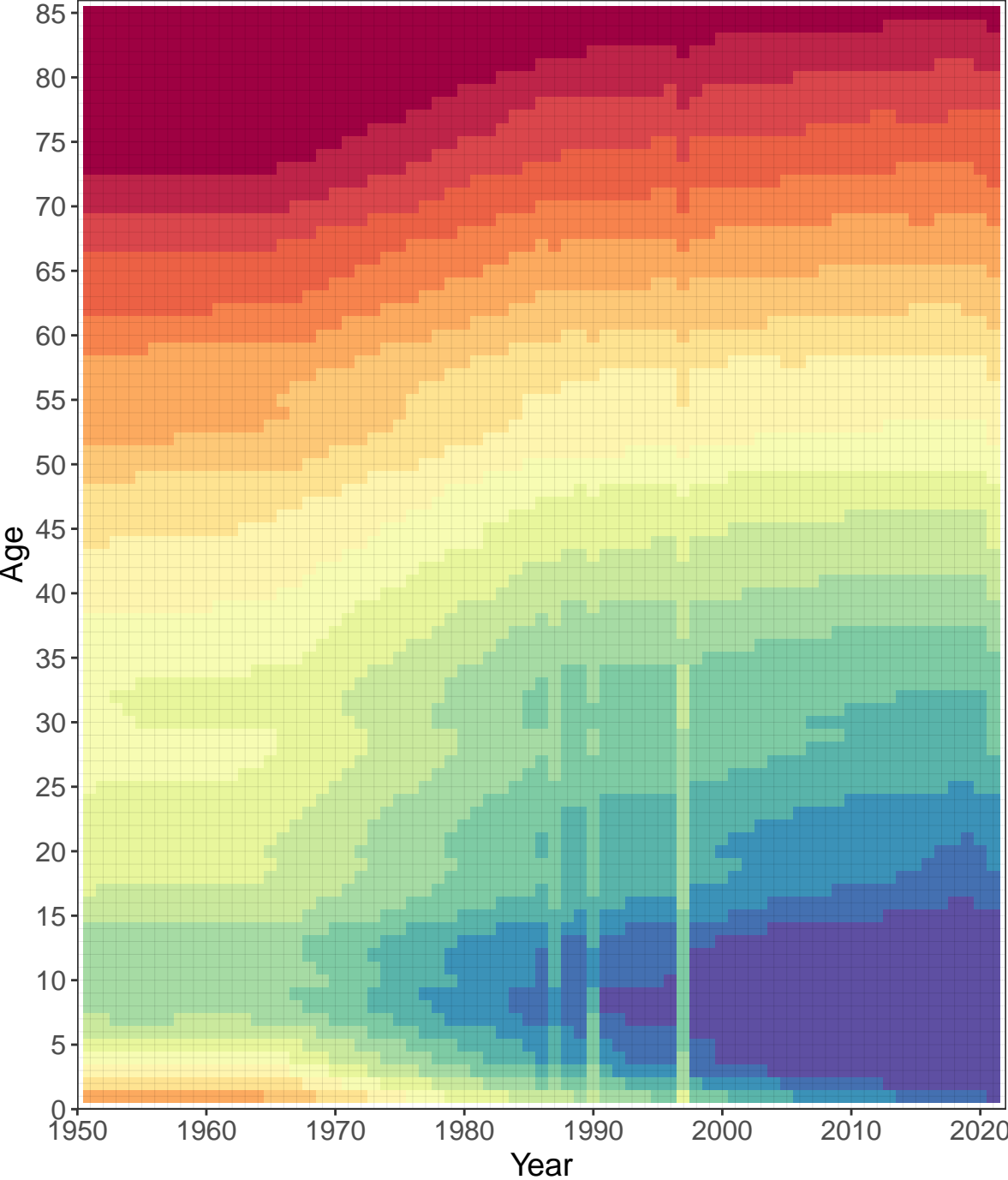


Appendix 2 Figure S4: American Samoa mortality rates, 1950–2023

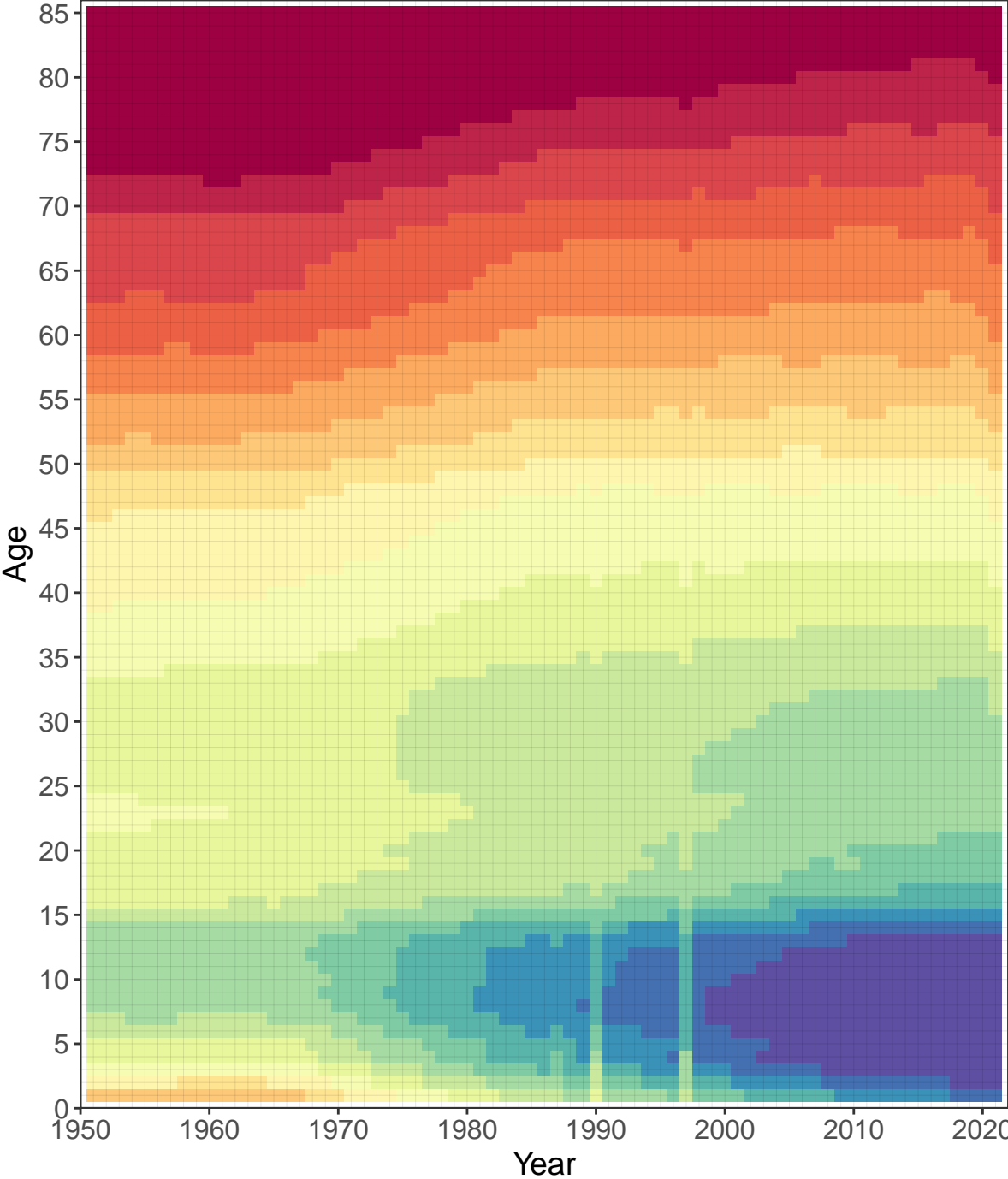


Appendix 2 Figure S4: Cook Islands mortality rates, 1950–2023

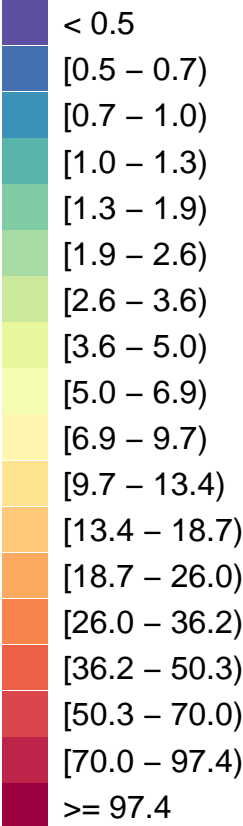
Females



Males

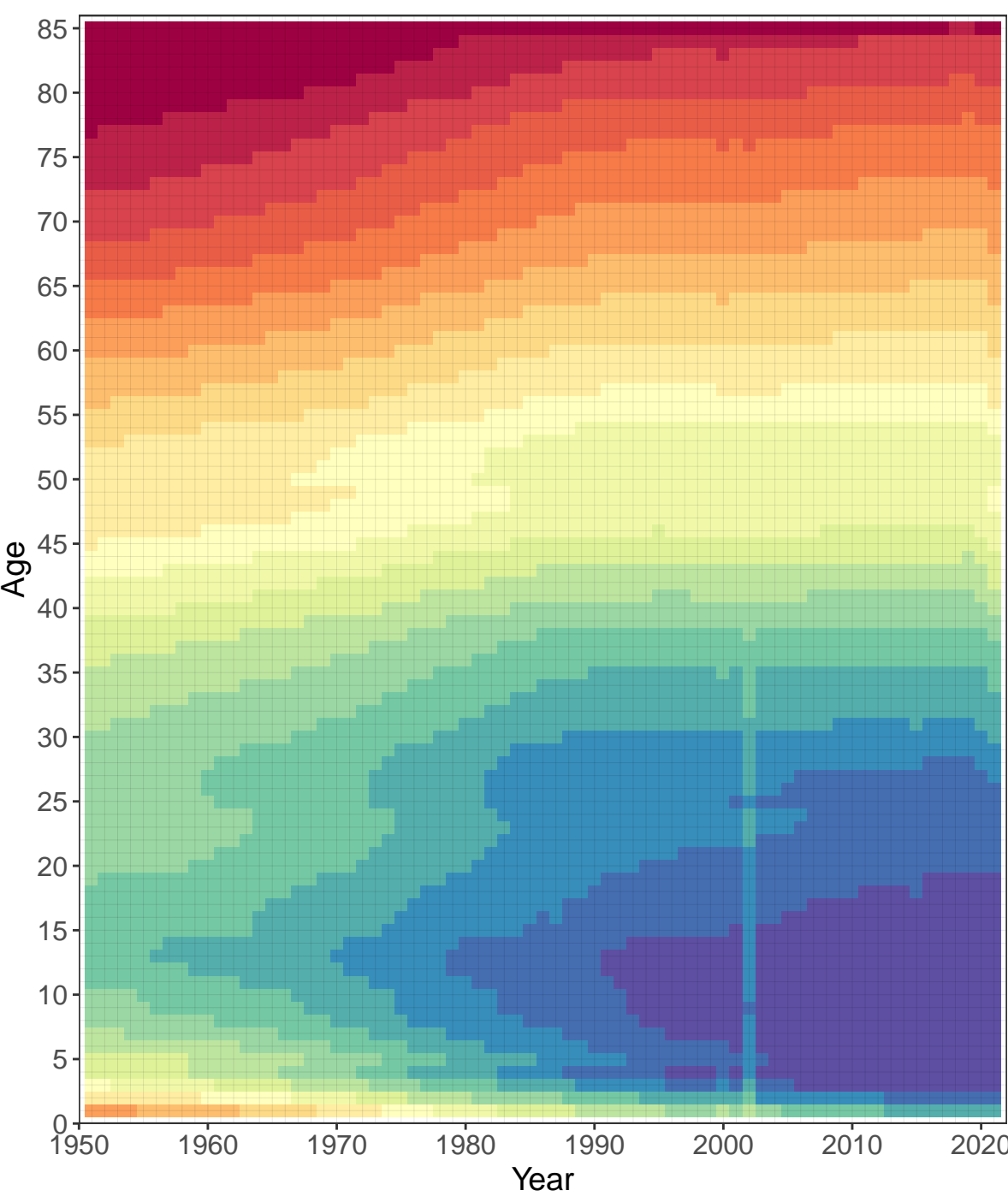


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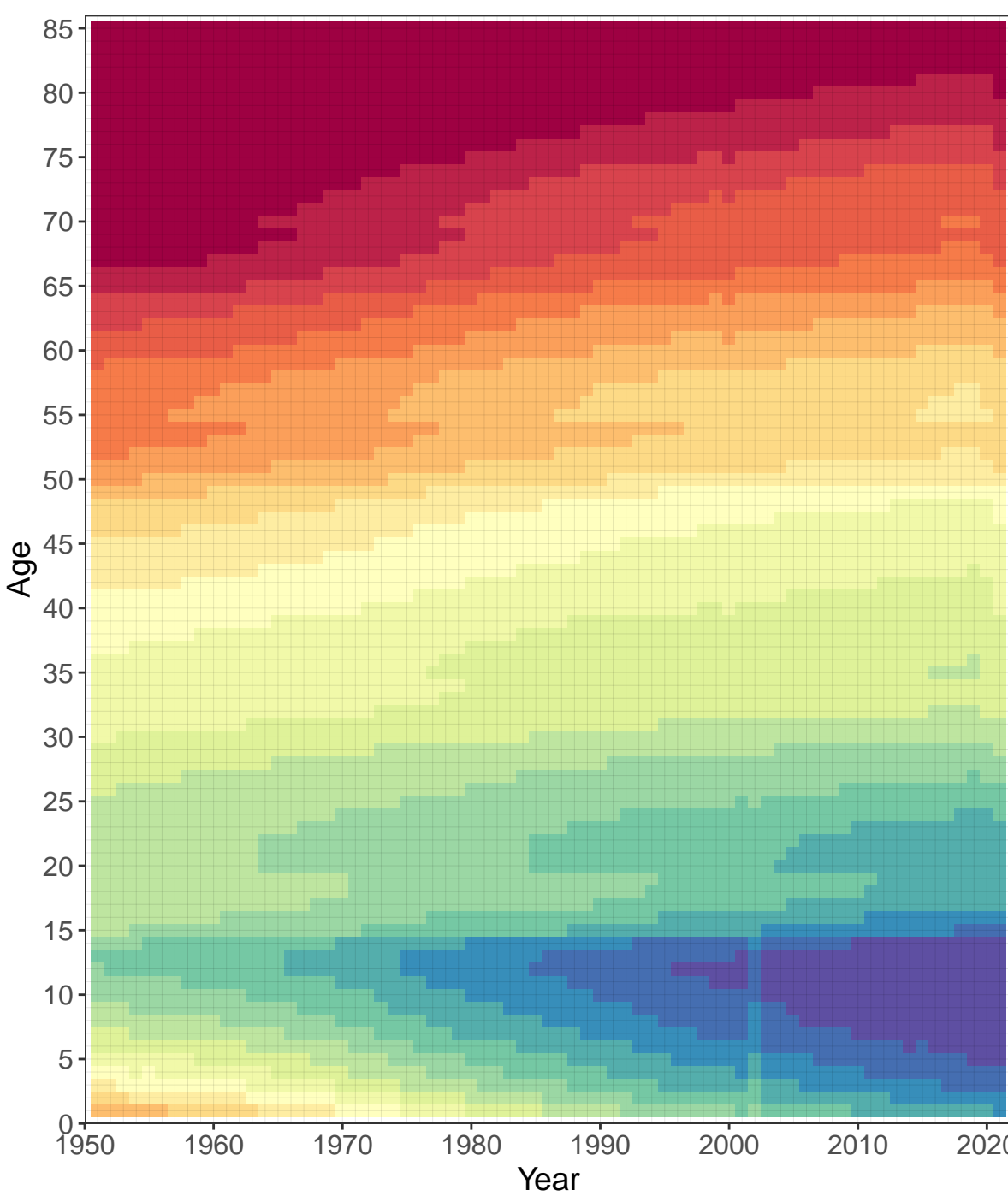


Appendix 2 Figure S4: Federated States of Micronesia mortality rates, 1950–2023

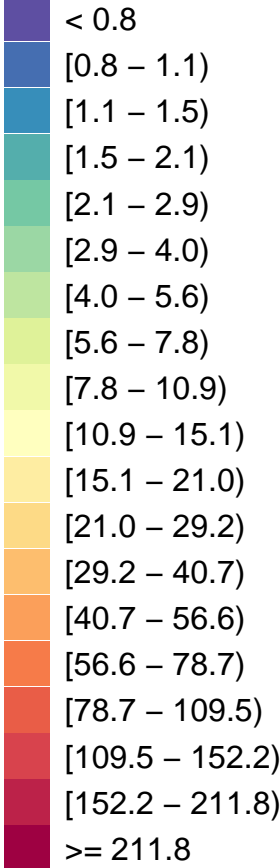
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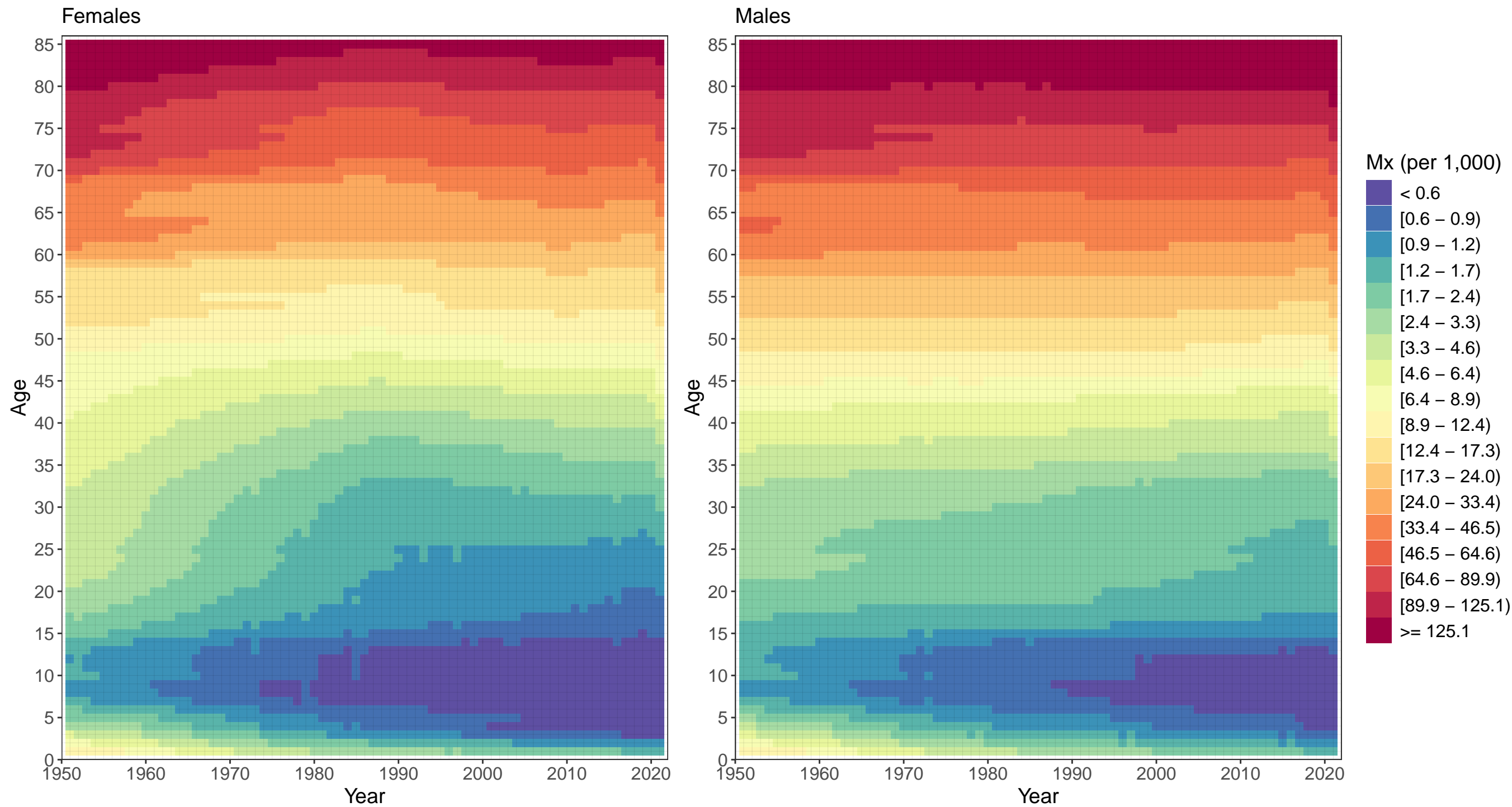
Males



Mx (per 1,000)

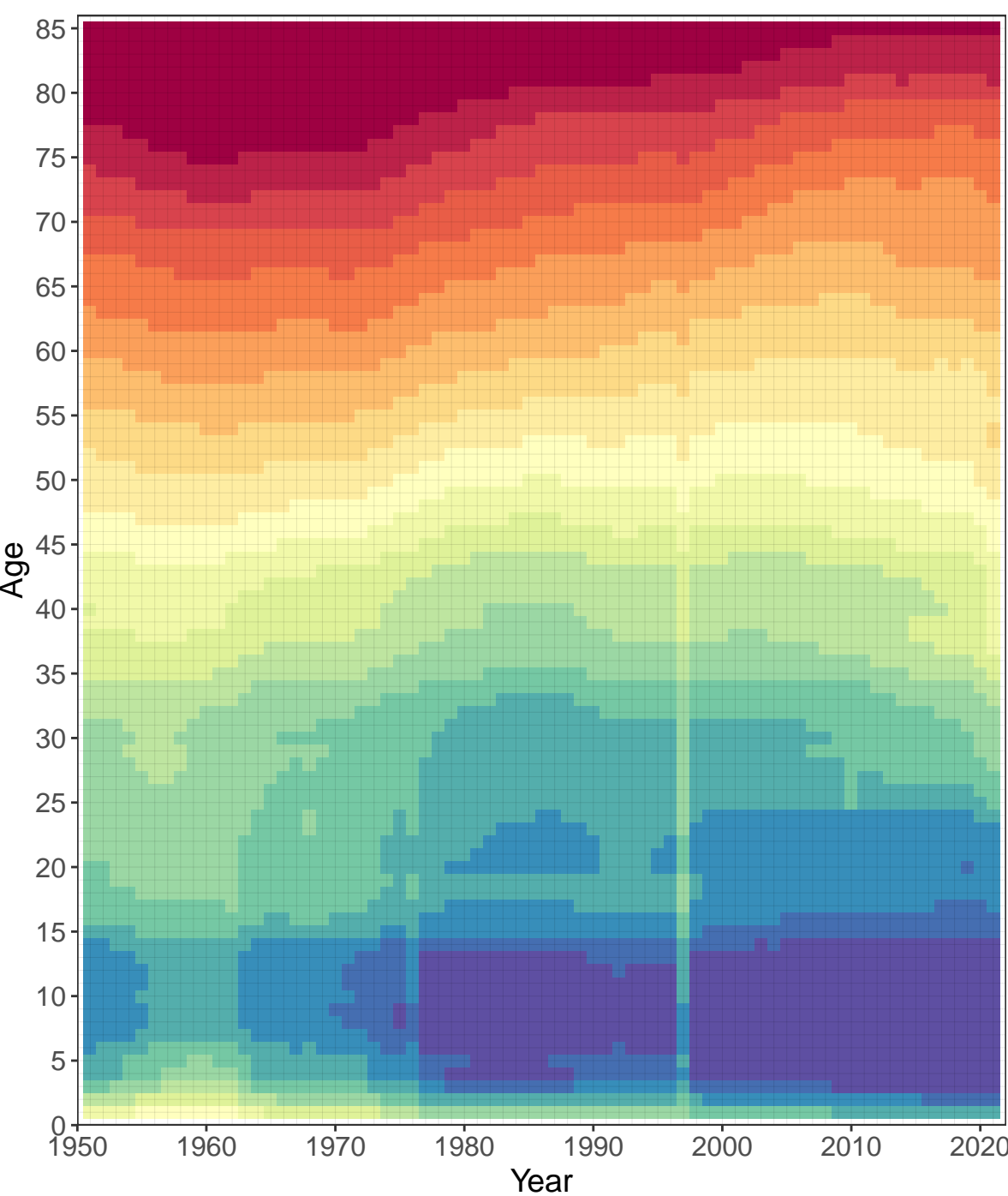


Appendix 2 Figure S4: Fiji mortality rates, 1950–2023

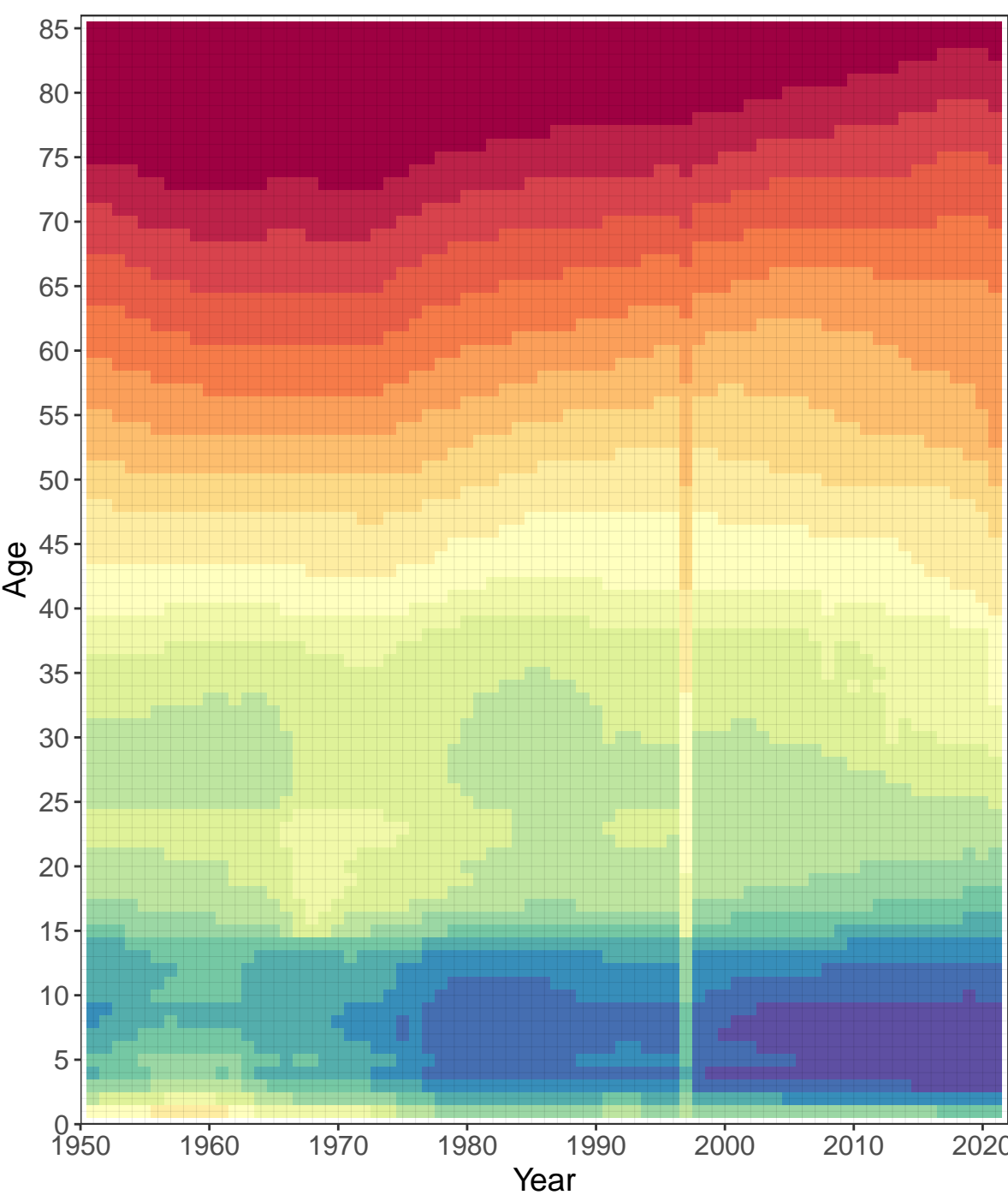


Appendix 2 Figure S4: Guam mortality rates, 1950–2023

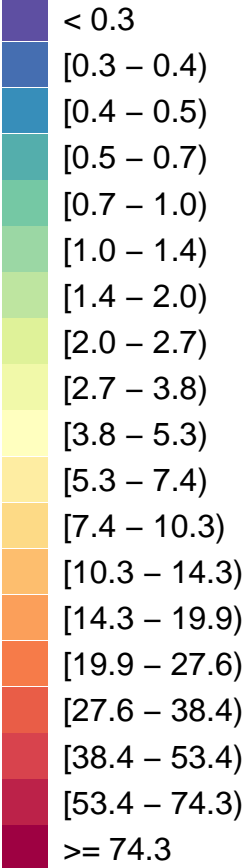
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Males

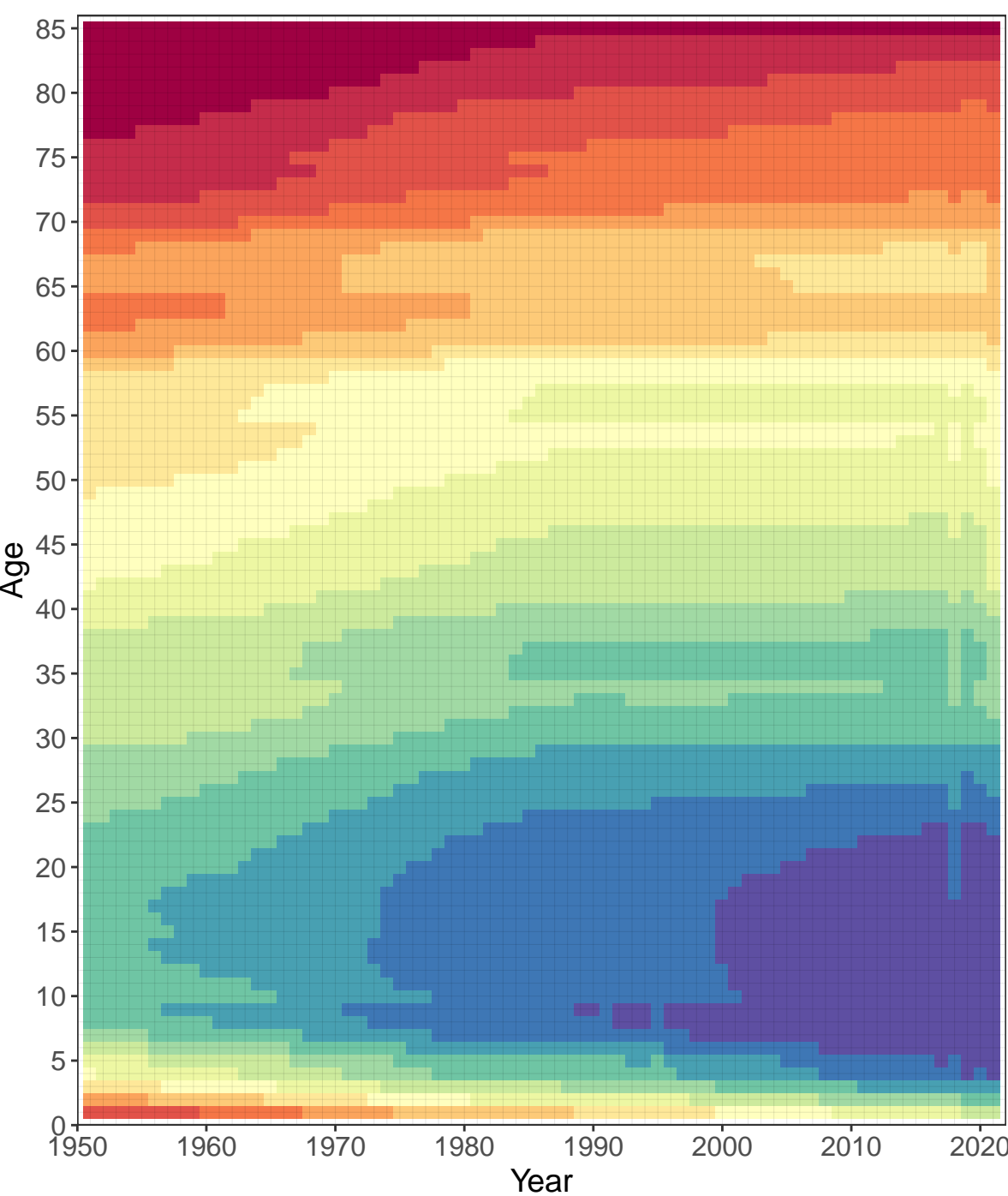


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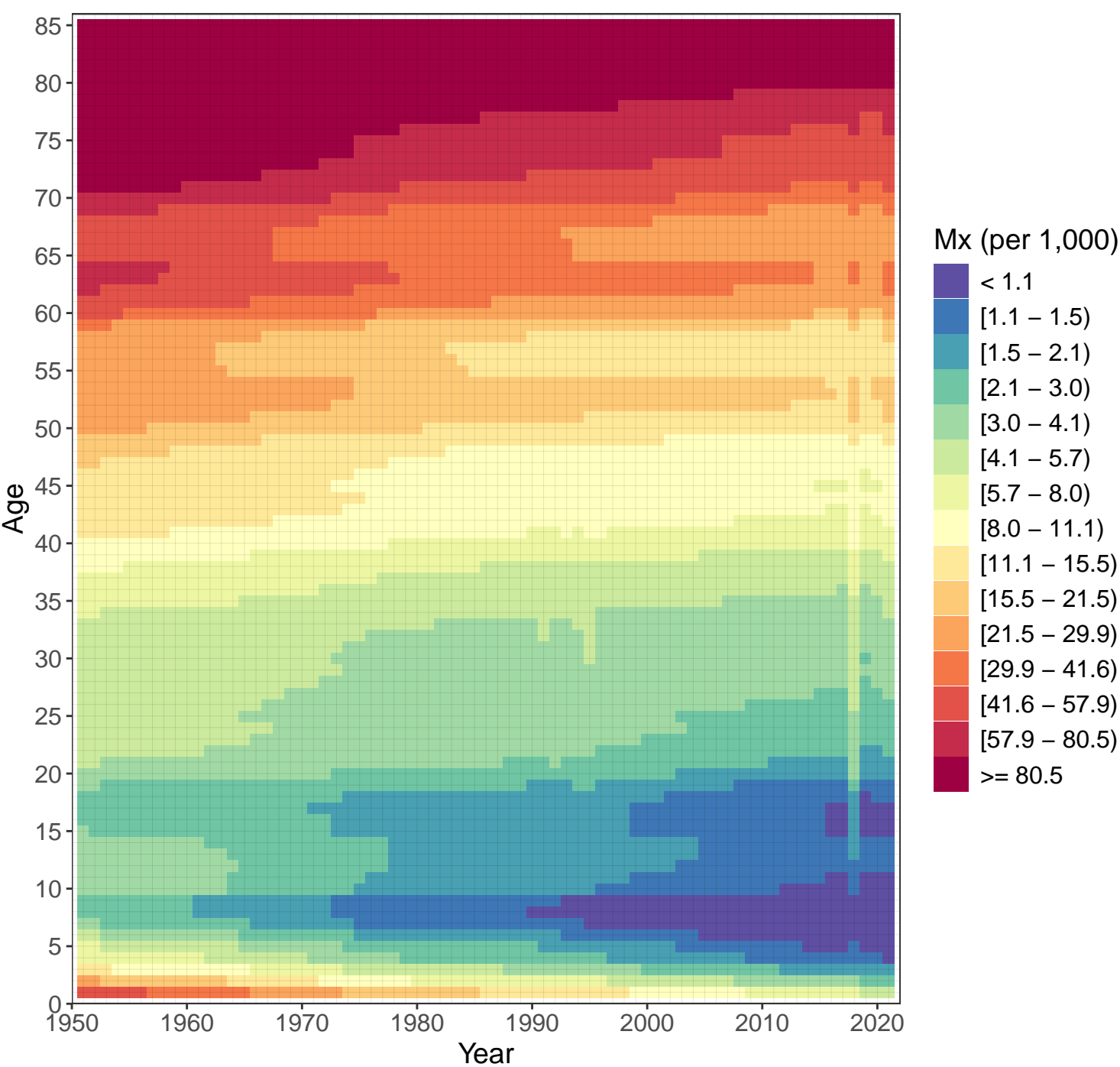


Appendix 2 Figure S4: Kiribati mortality rates, 1950–2023

Females

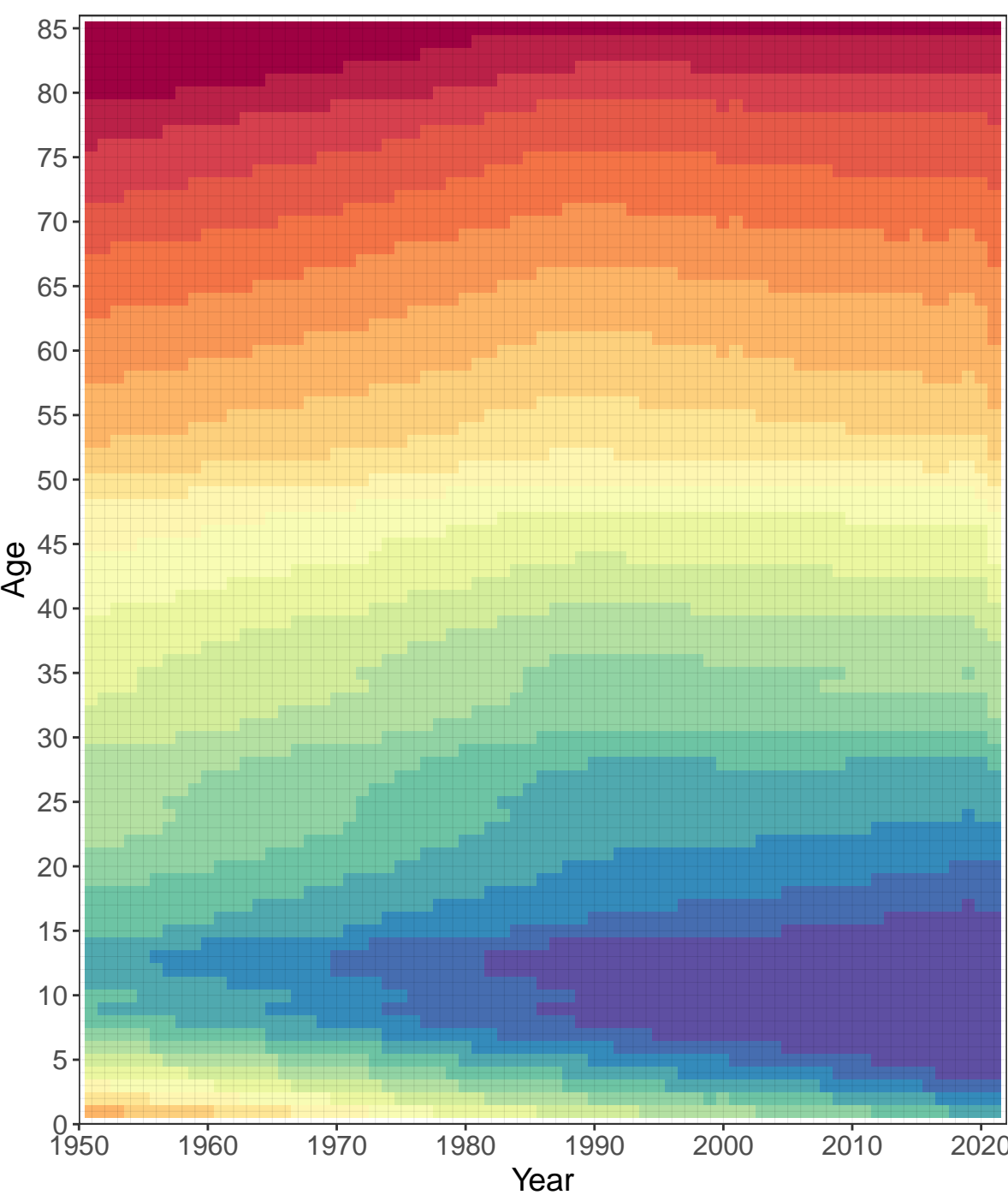


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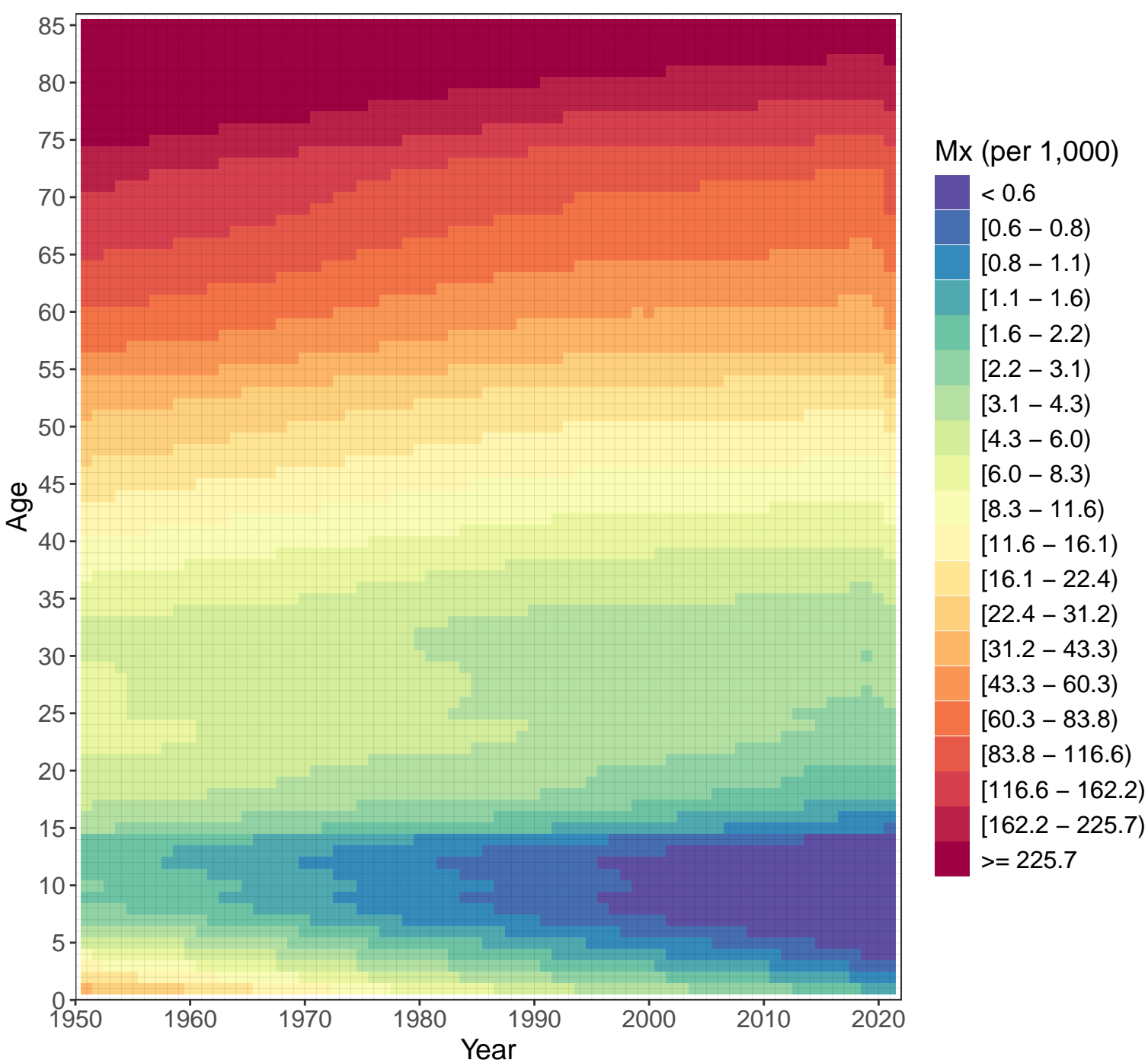


Appendix 2 Figure S4: Marshall Islands mortality rates, 1950–2023

Females

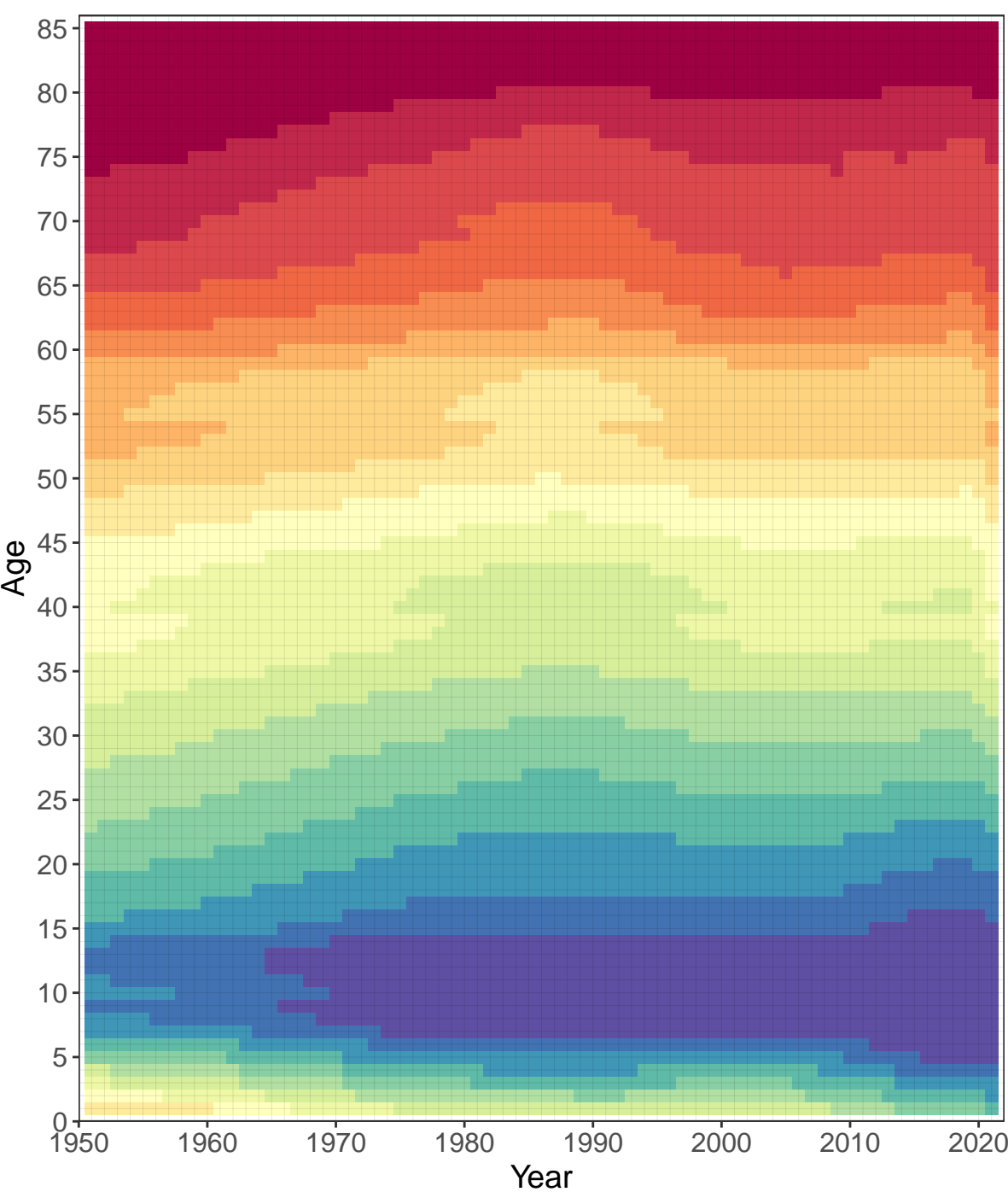


Males

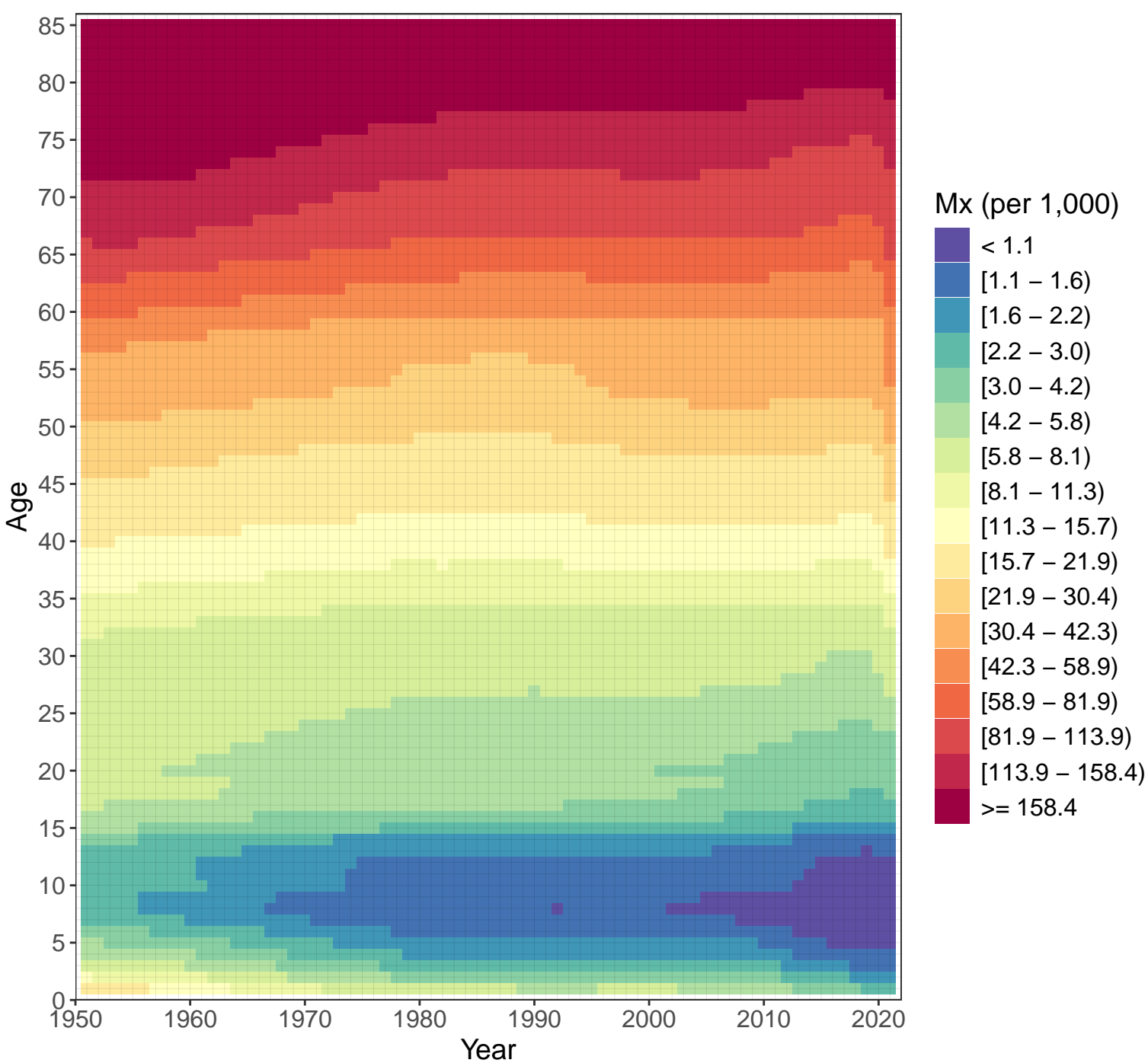


Appendix 2 Figure S4: Nauru mortality rates, 1950–2023

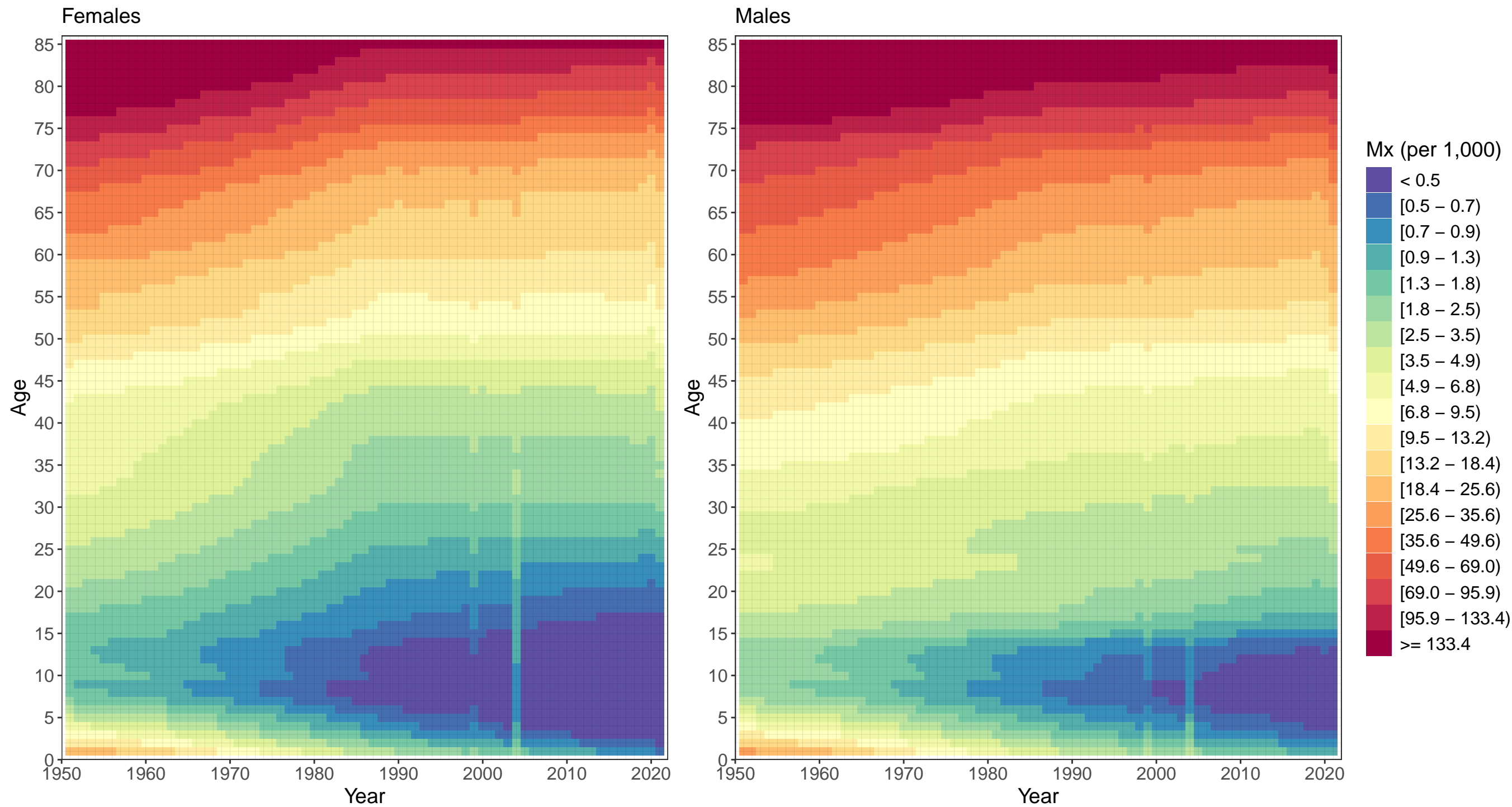
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Males

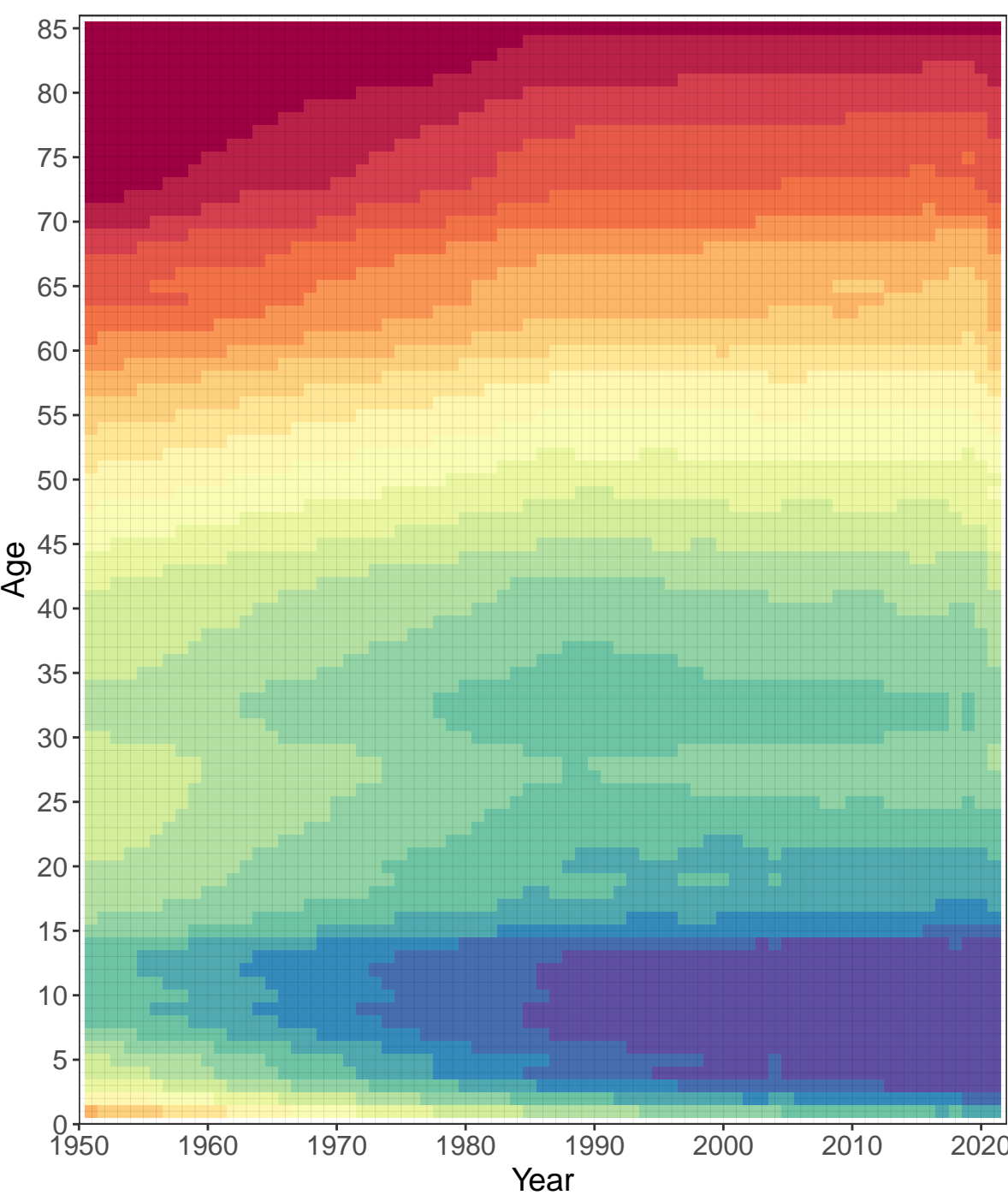


Appendix 2 Figure S4: Niue mortality rates, 1950–2023

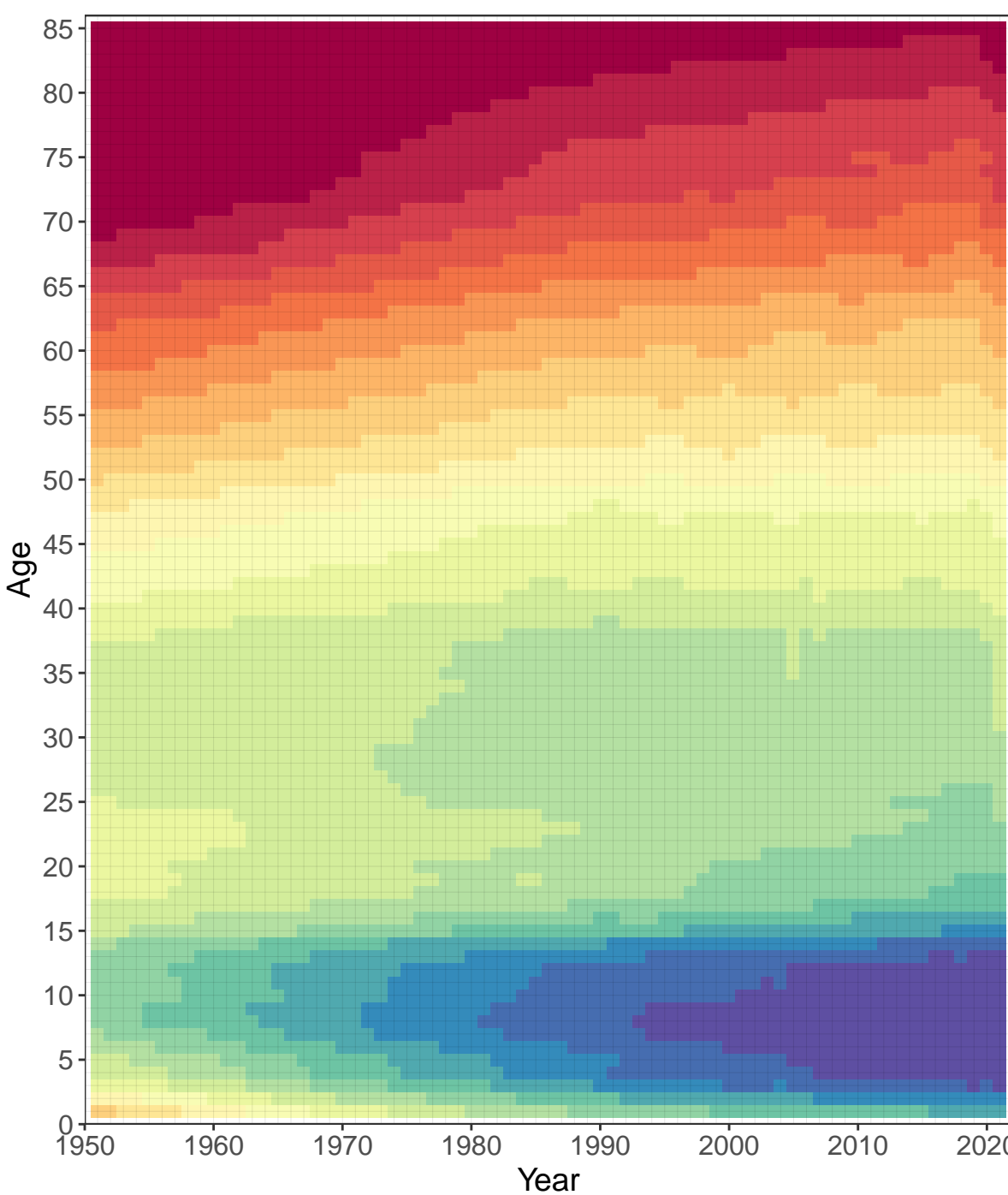


Appendix 2 Figure S4: Northern Mariana Islands mortality rates, 1950–2023

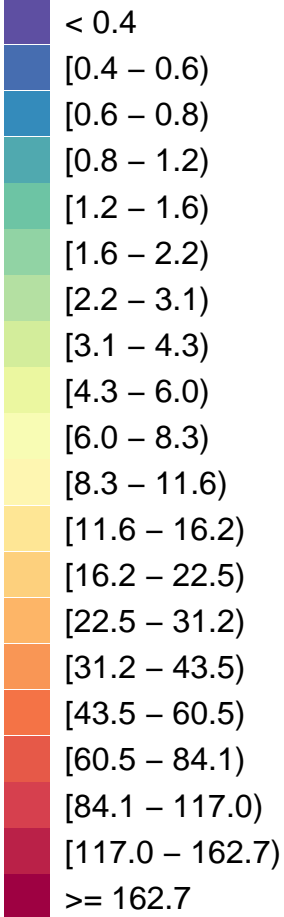
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Males

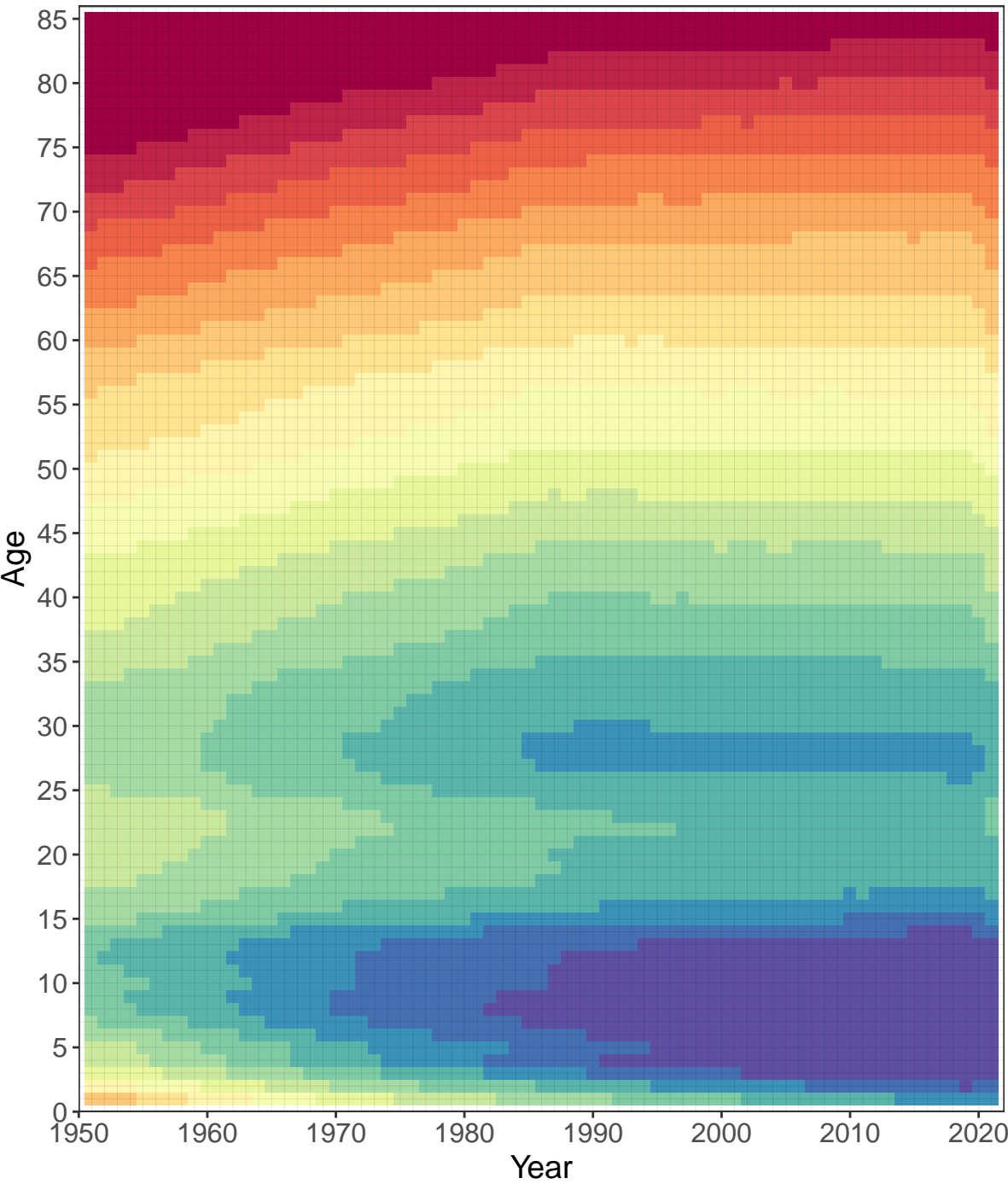


Mx (per 1,000)

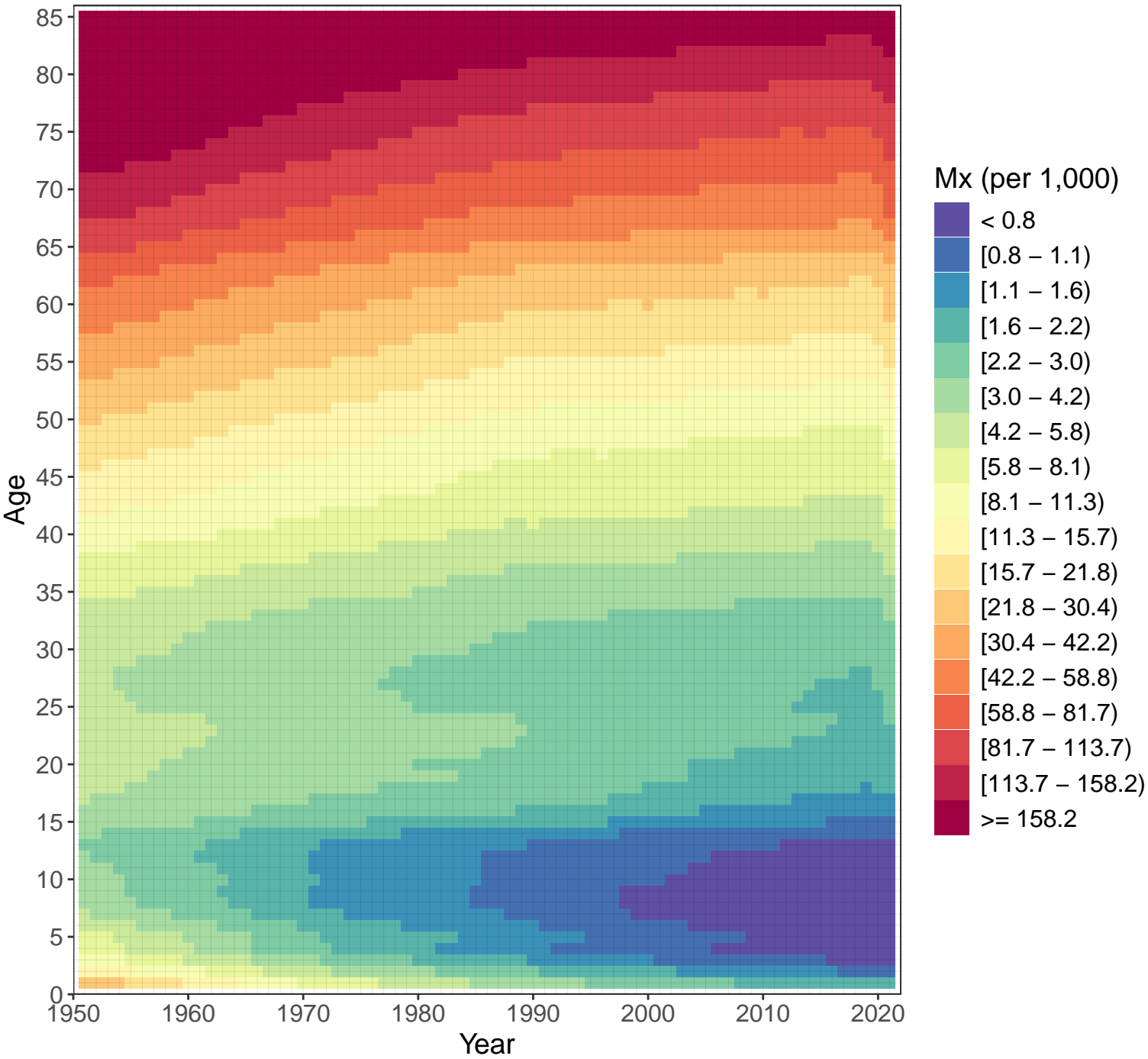


Appendix 2 Figure S4: Palau mortality rates, 1950–2023

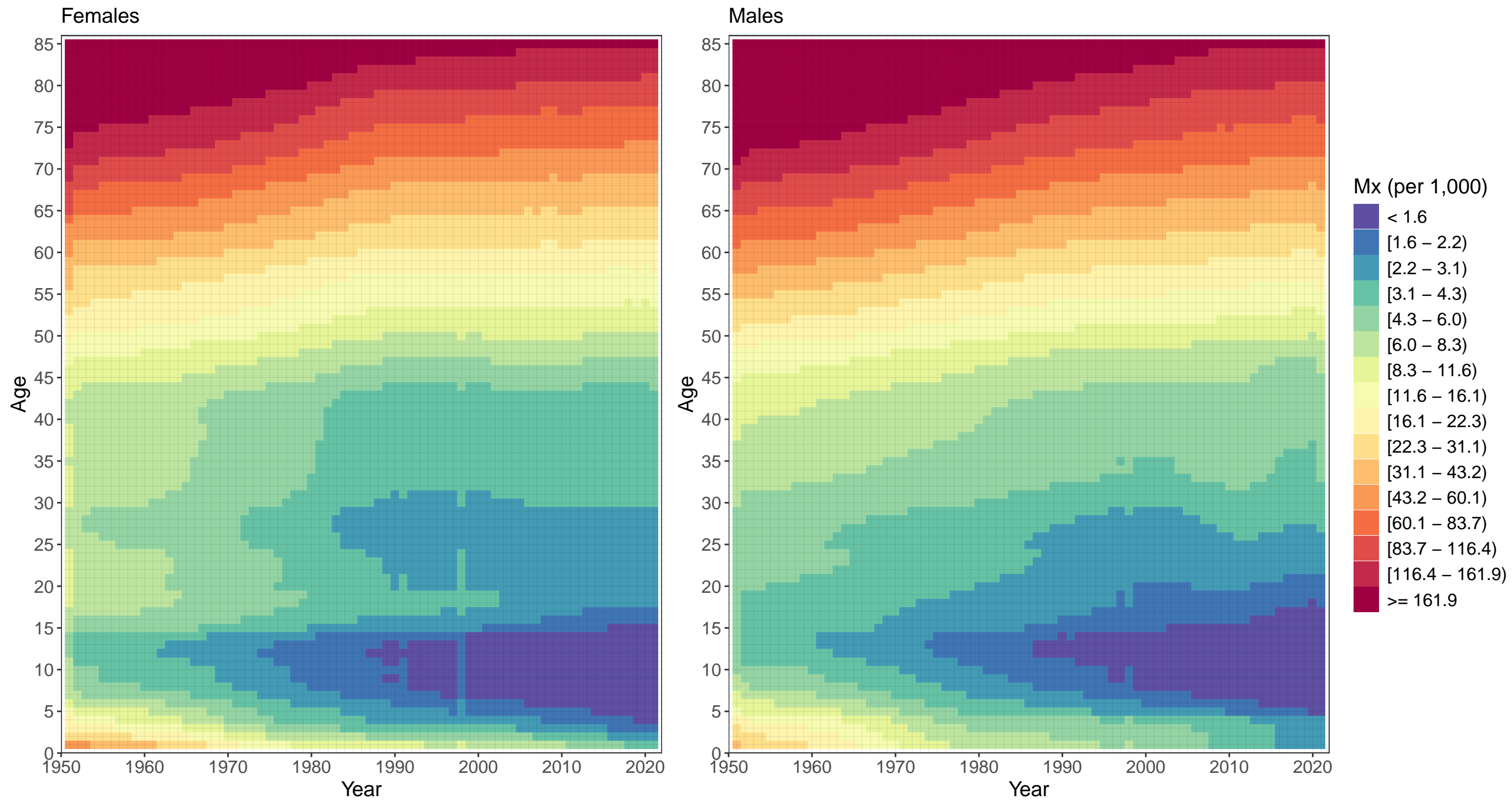
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Males

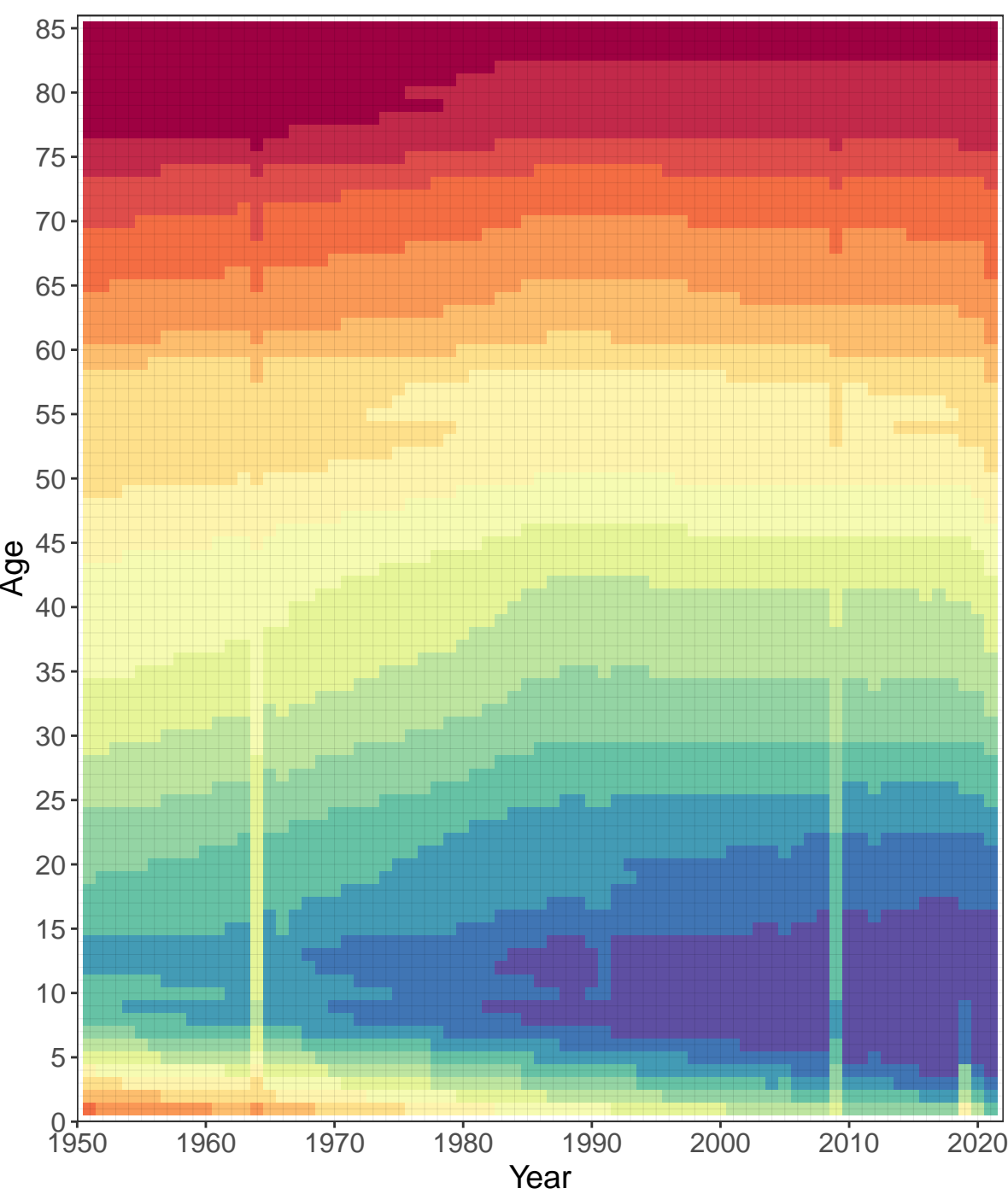


Appendix 2 Figure S4: Papua New Guinea mortality rates, 1950–2023

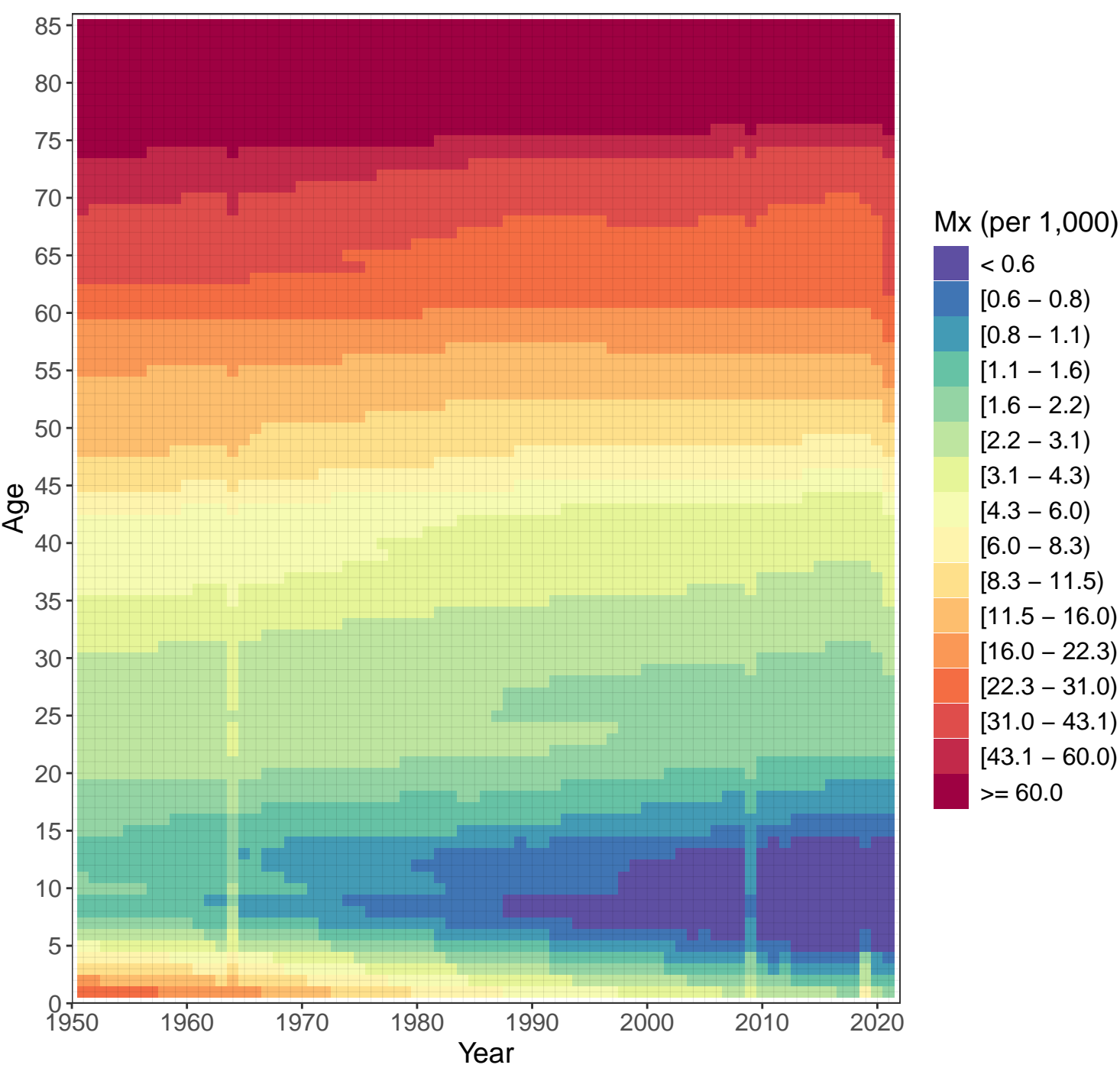


Appendix 2 Figure S4: Samoa mortality rates, 1950–2023

Females

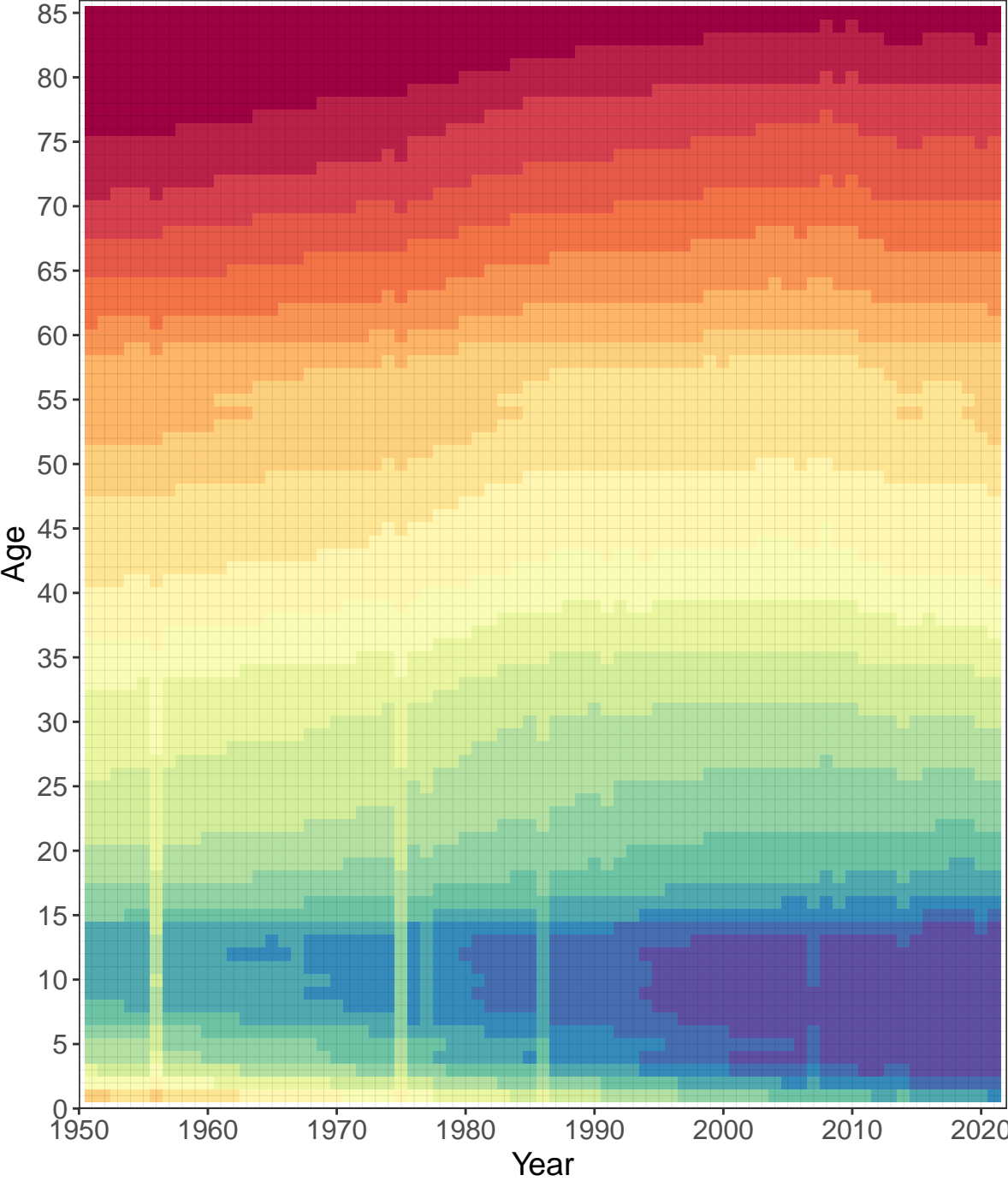


Males

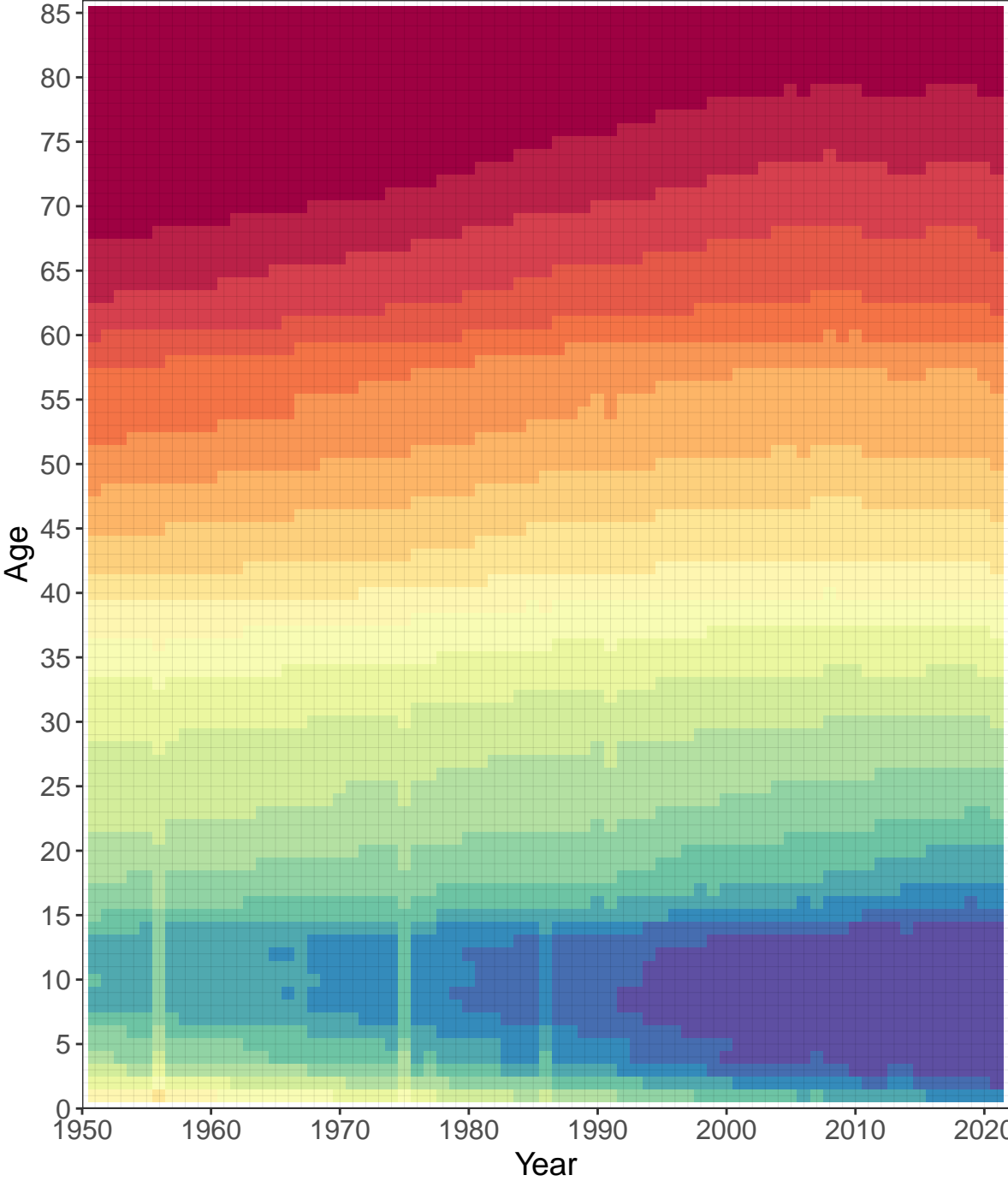


Appendix 2 Figure S4: Solomon Islands mortality rates, 1950–2023

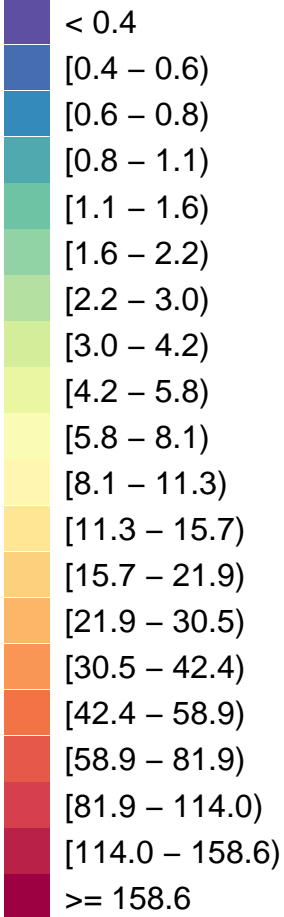
Females



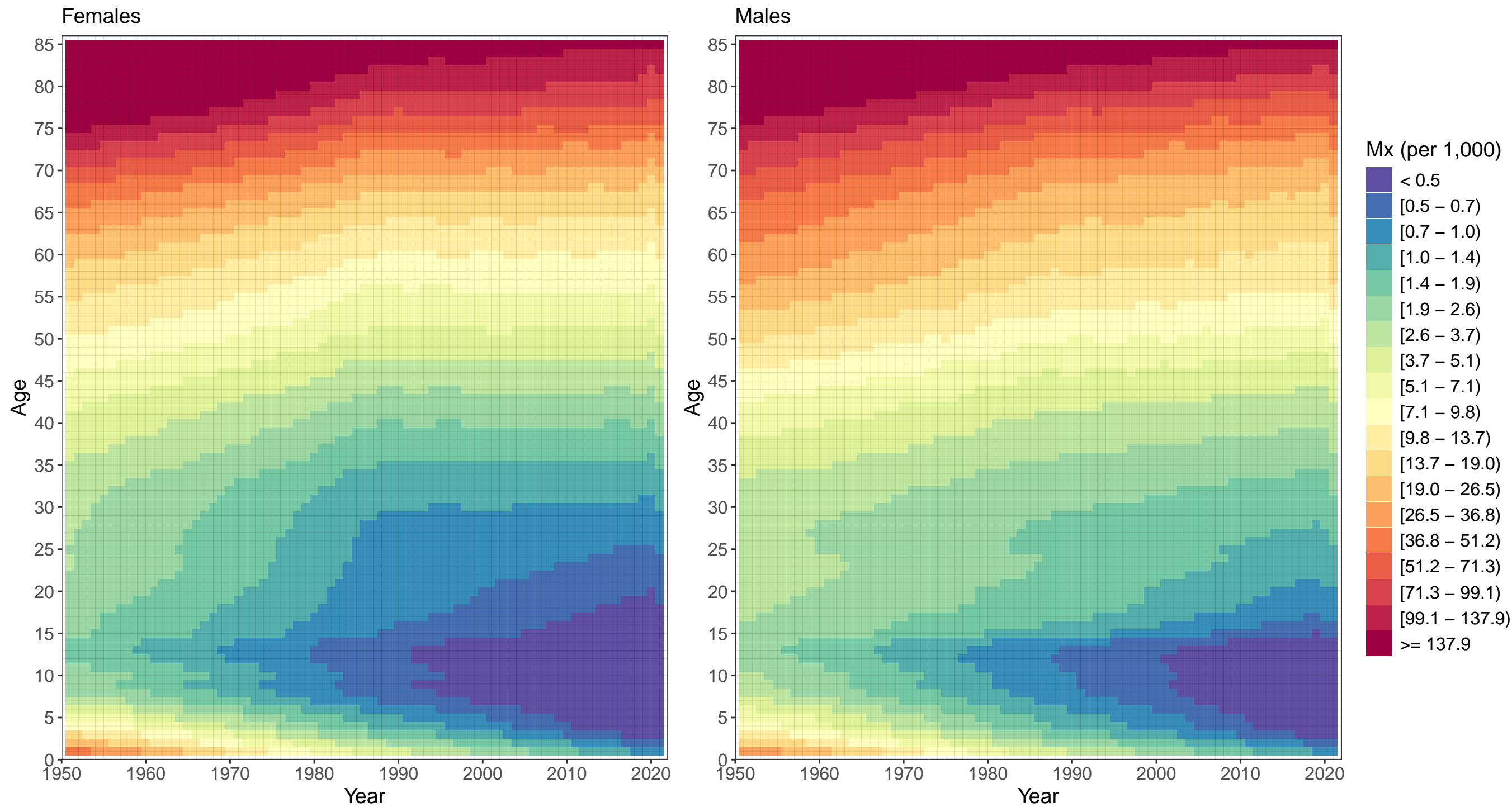
Males



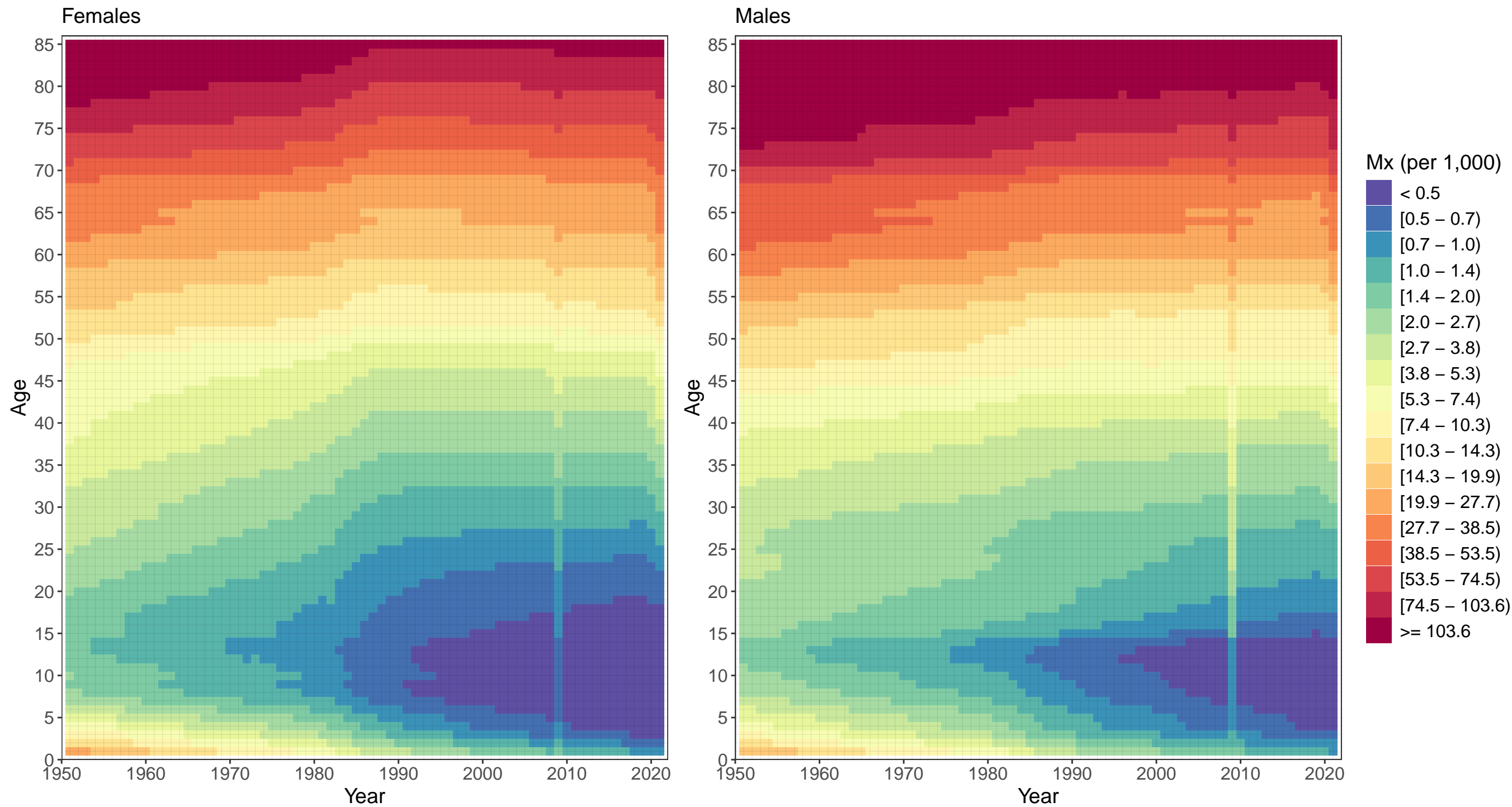
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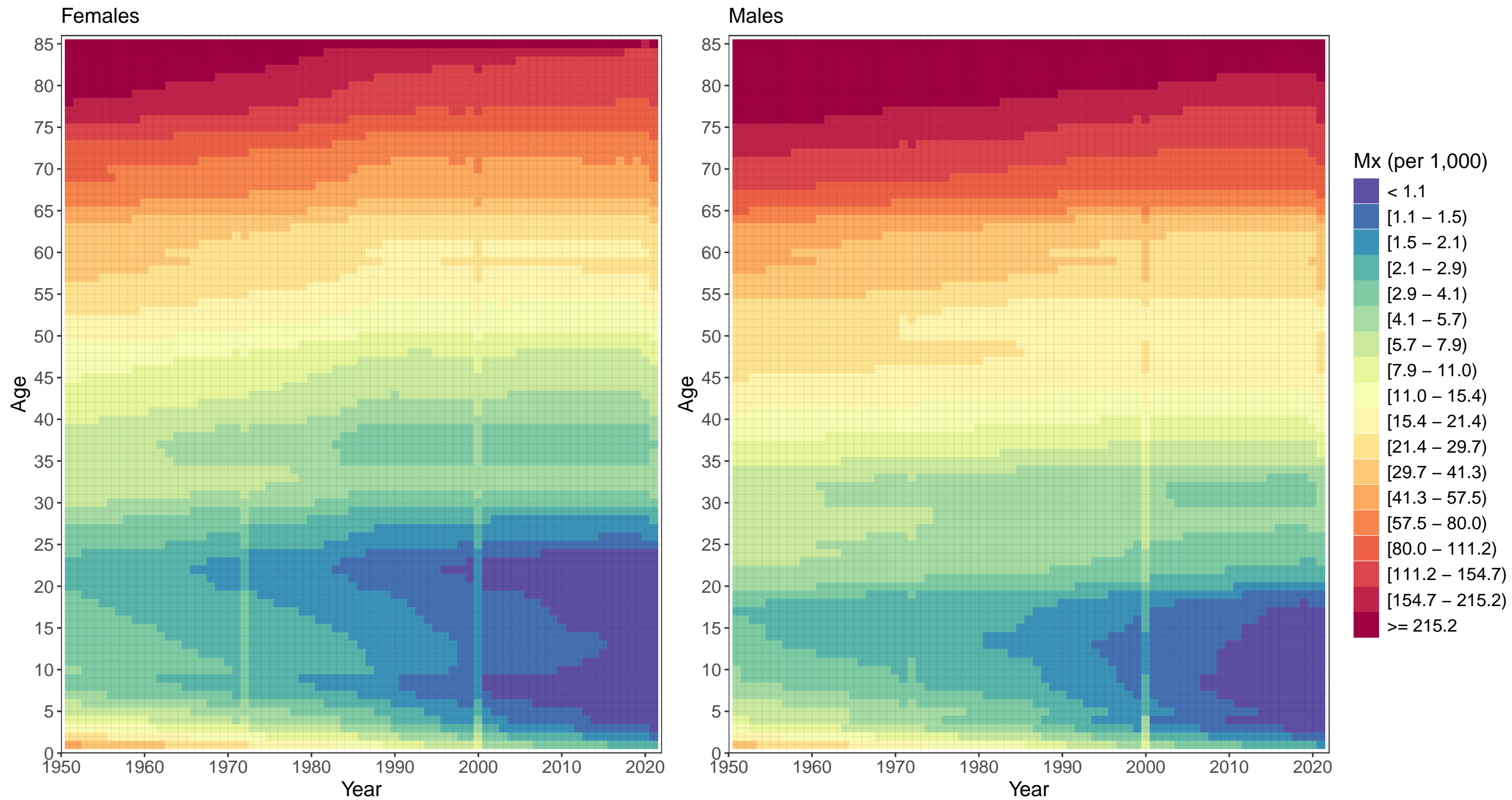
Appendix 2 Figure S4: Tokelau mortality rates, 1950–2023



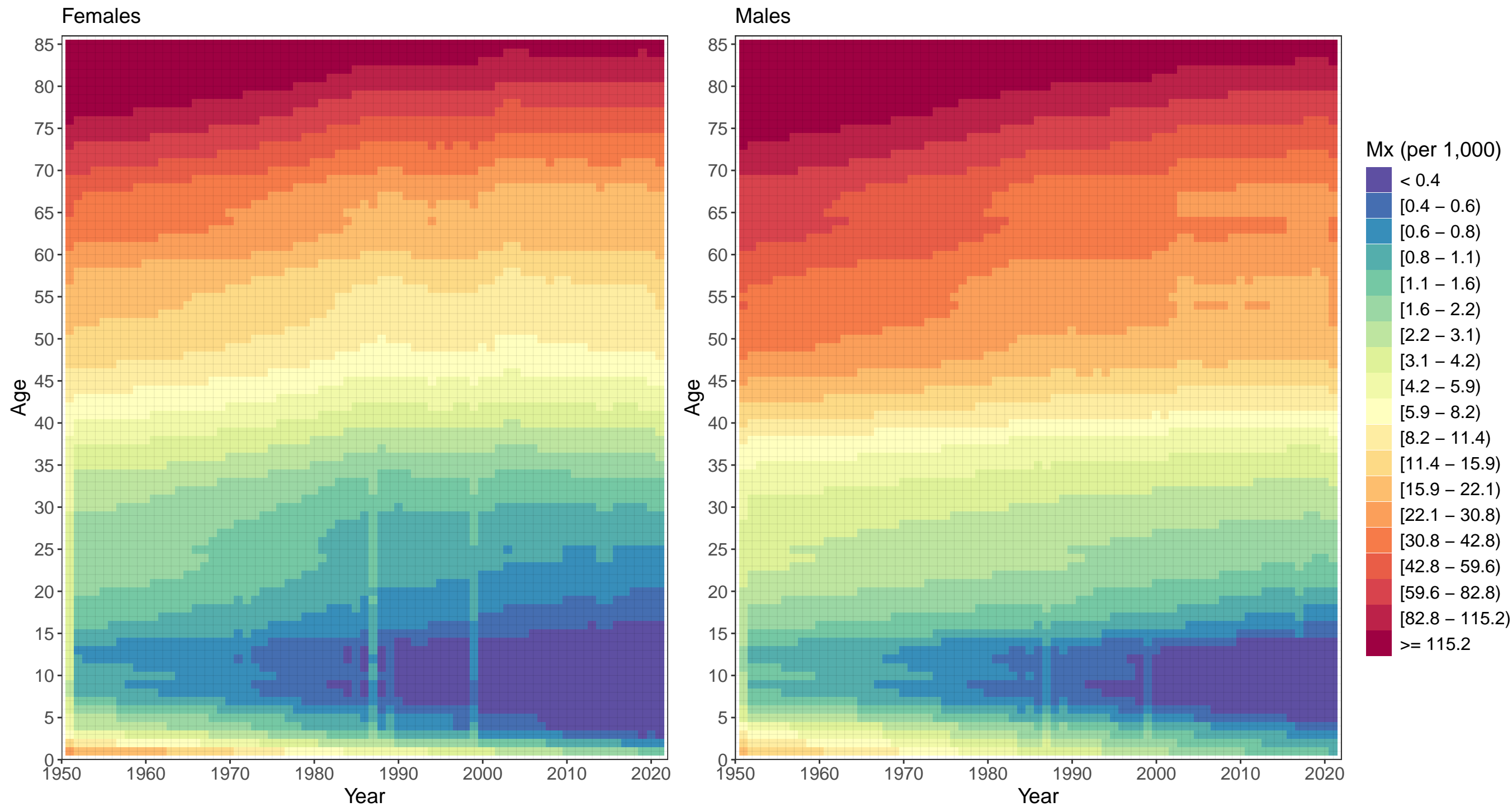
Appendix 2 Figure S4: Tonga mortality rates, 1950–2023



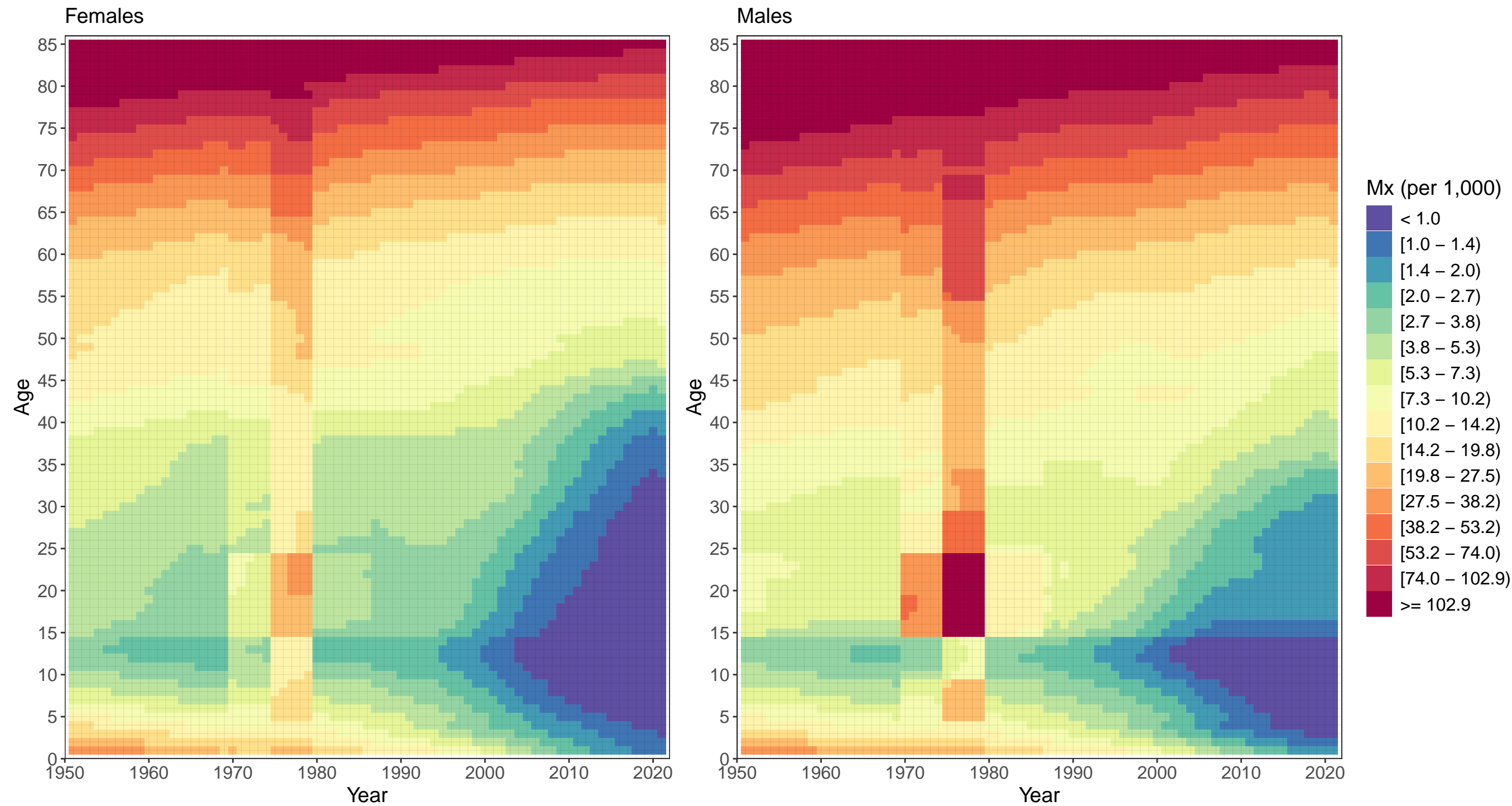
Appendix 2 Figure S4: Tuvalu mortality rates, 1950–2023



Appendix 2 Figure S4: Vanuatu mortality rates, 1950–2023

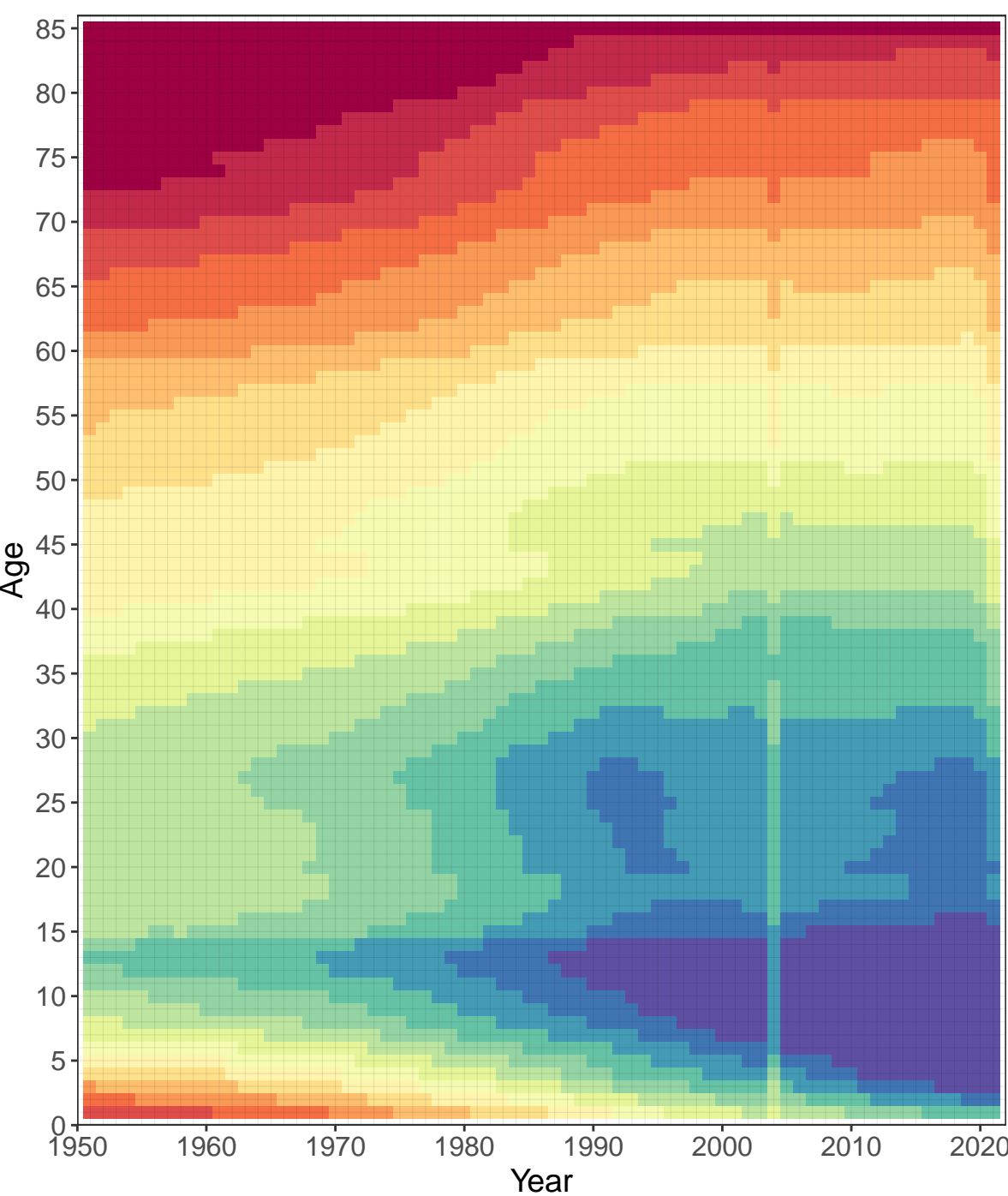


Appendix 2 Figure S4: Cambodia mortality rates, 1950–2023

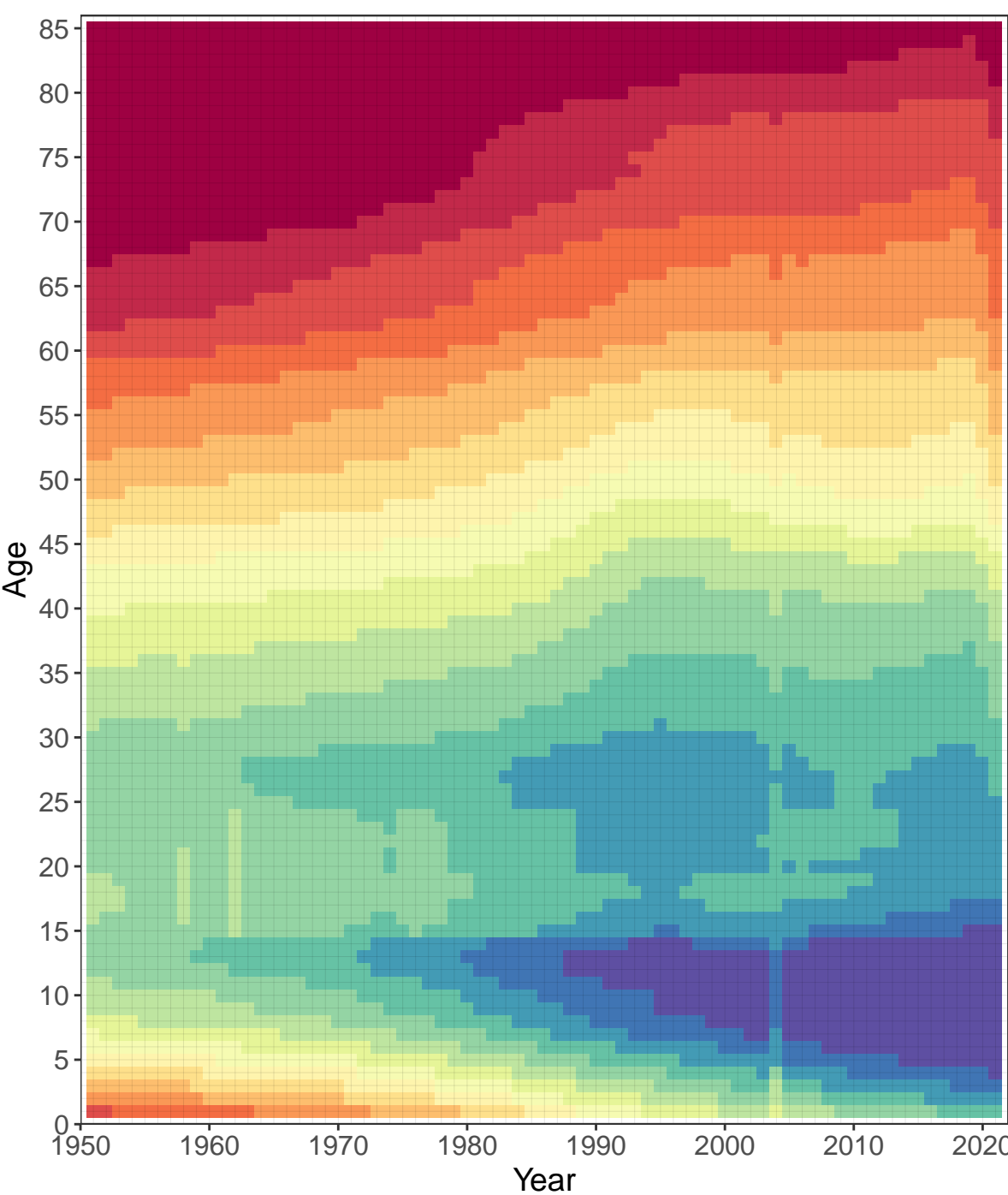


Appendix 2 Figure S4: Indonesia mortality rates, 1950–2023

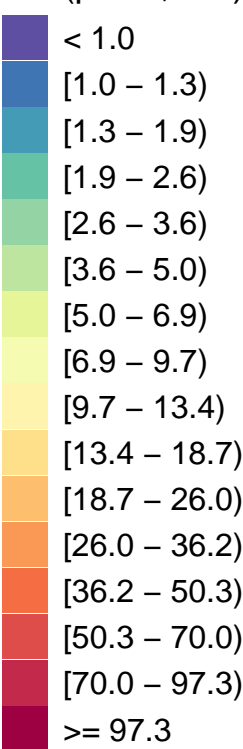
Females



Males

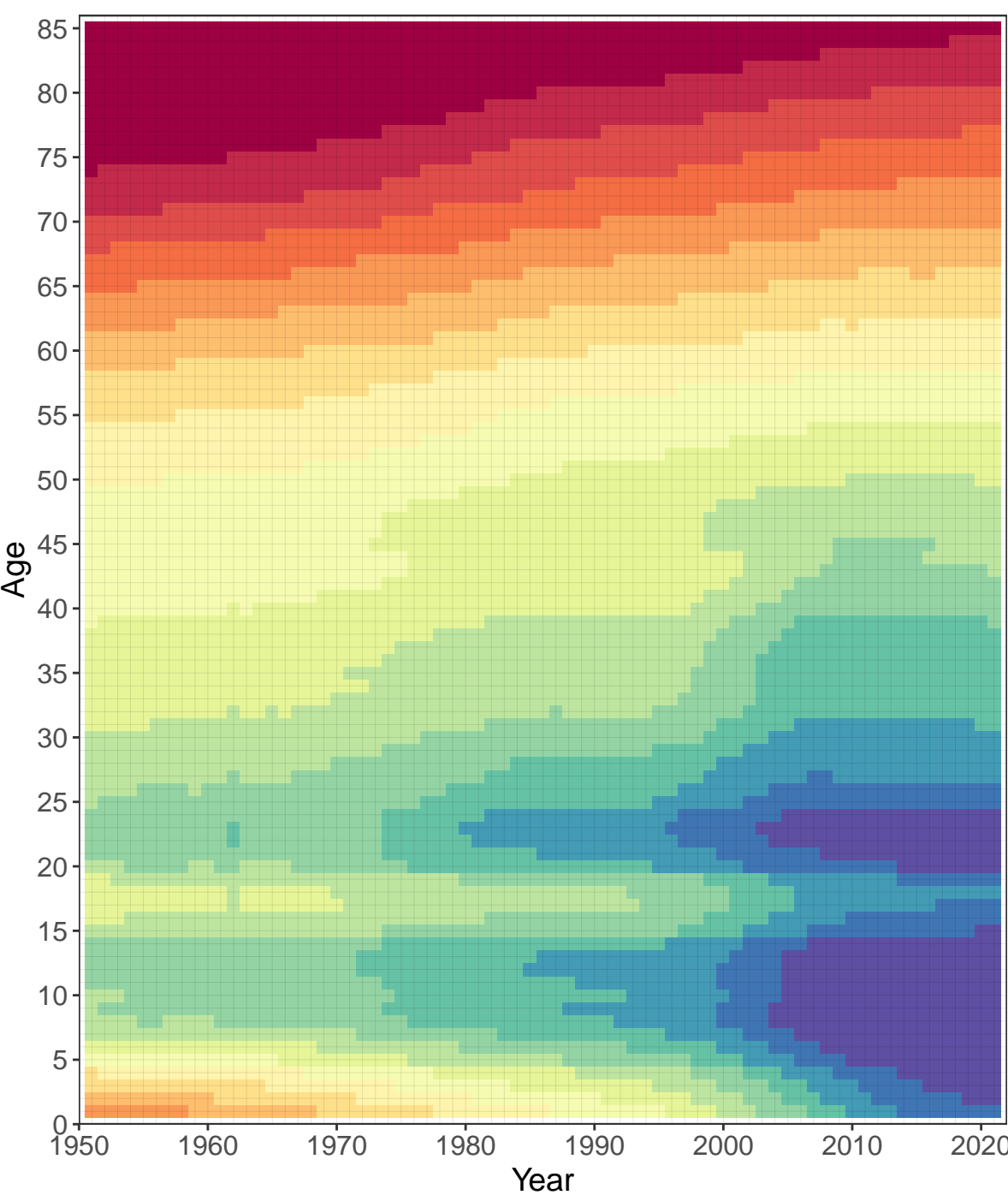


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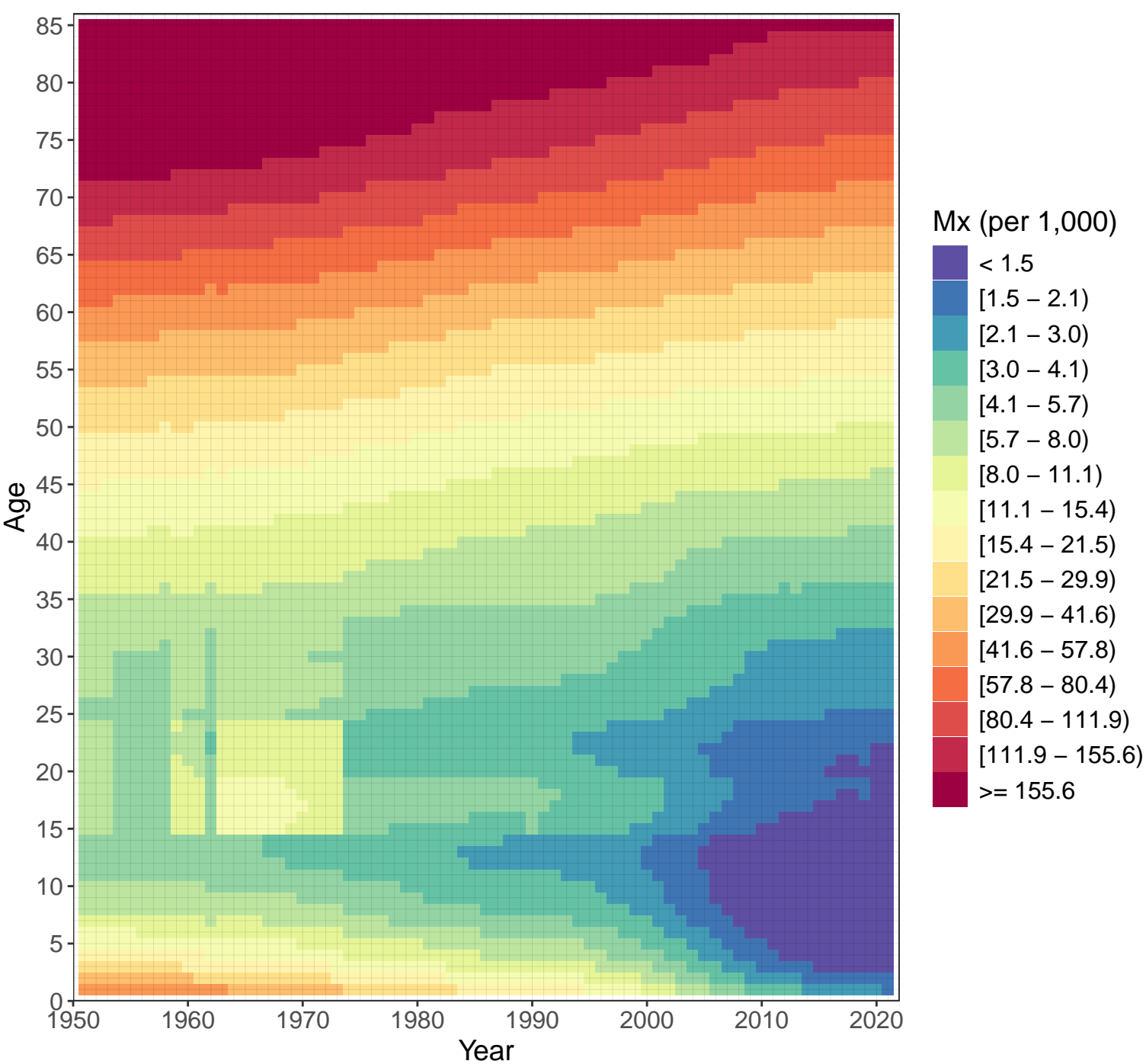


Appendix 2 Figure S4: Laos mortality rates, 1950–2023

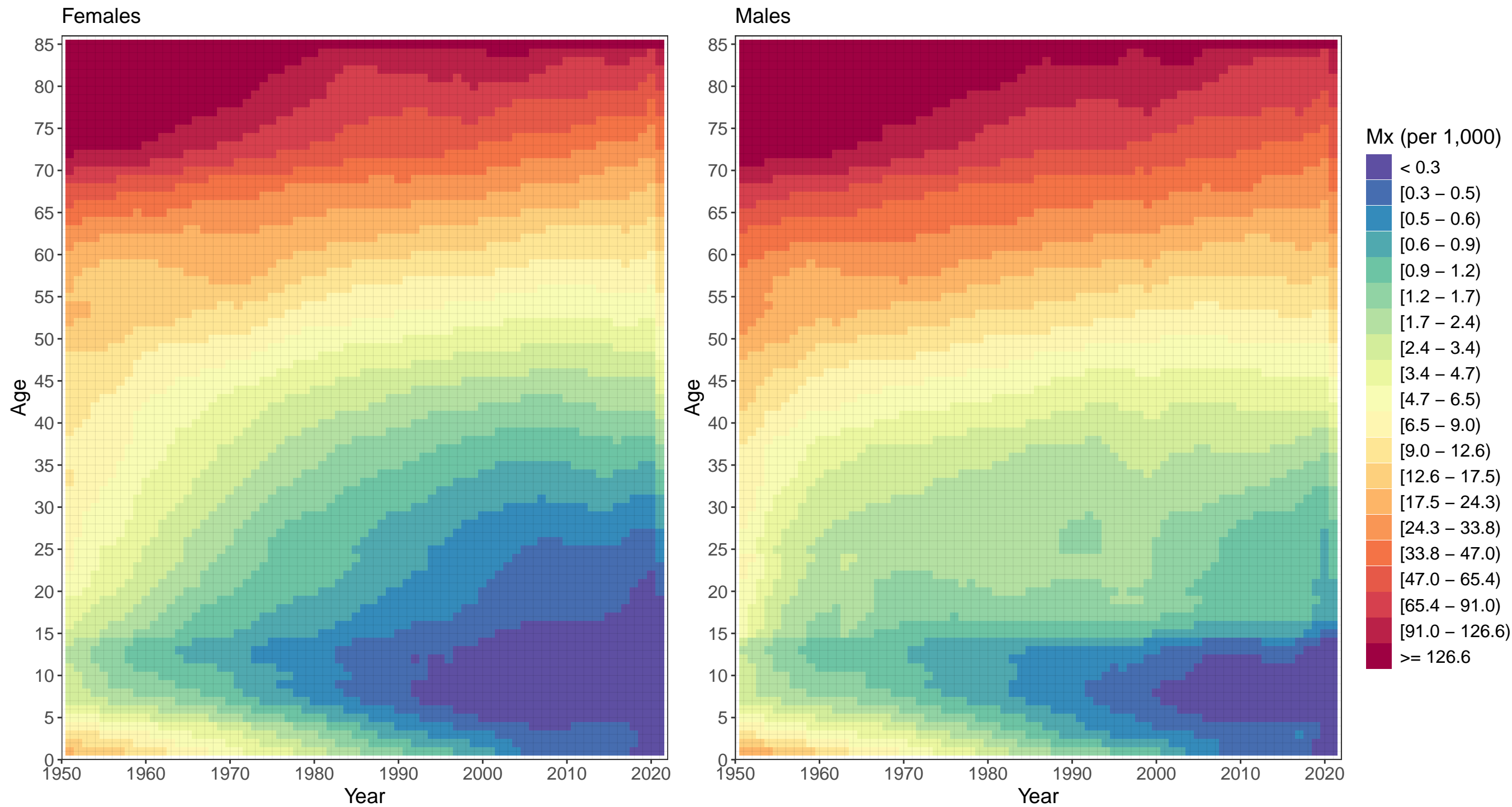
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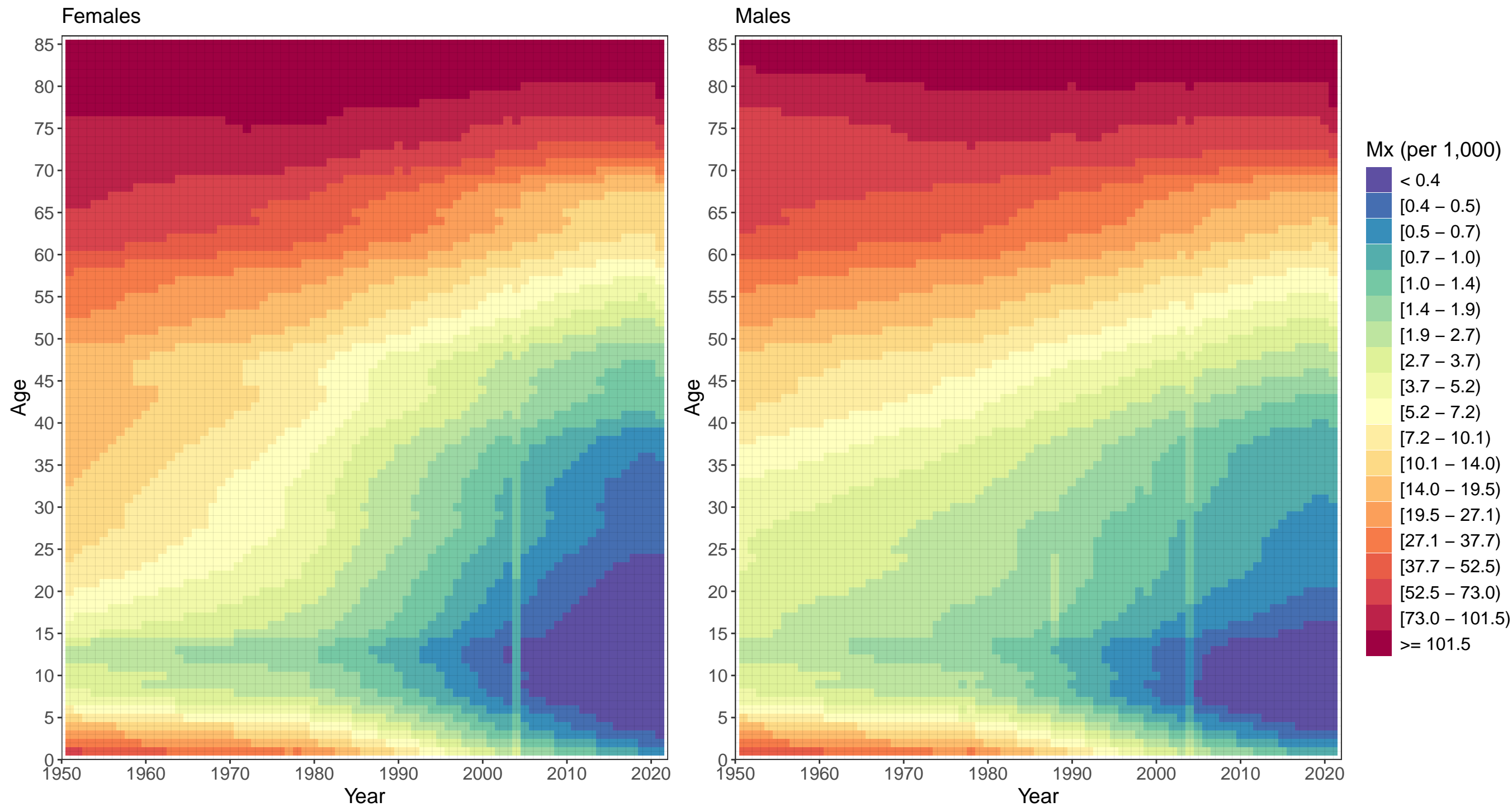
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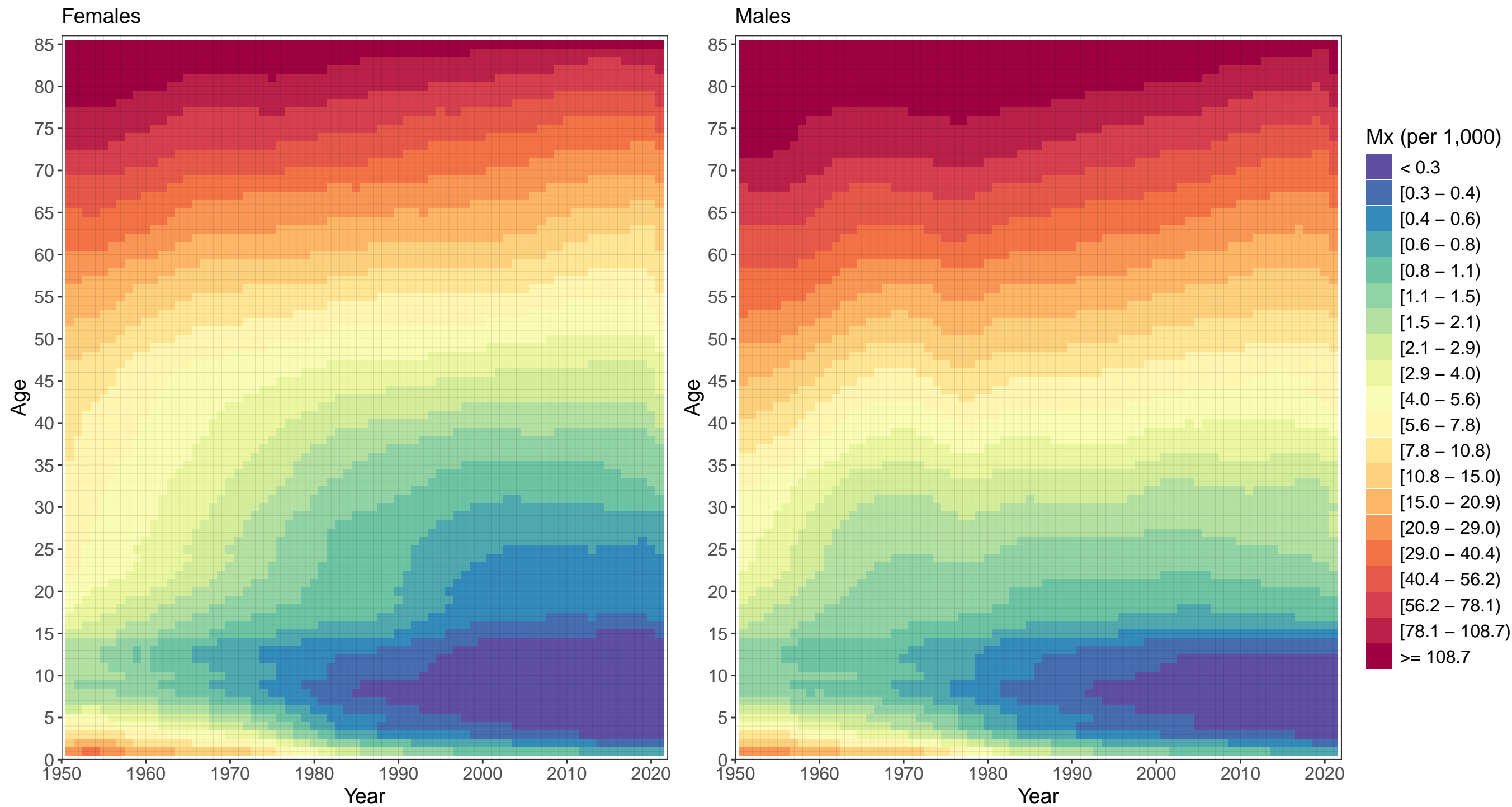
Appendix 2 Figure S4: Malaysia mortality rates, 1950–2023



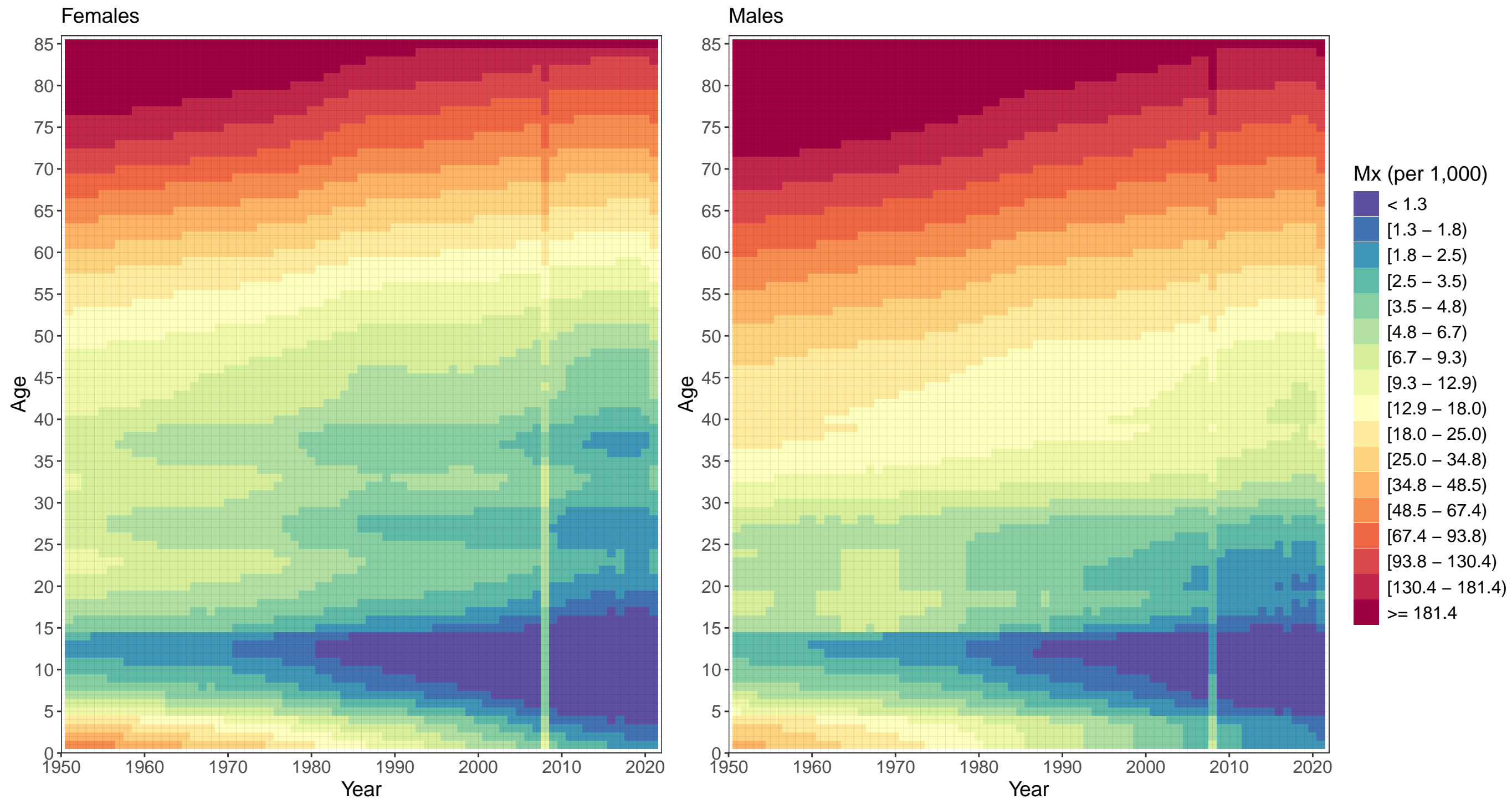
Appendix 2 Figure S4: Maldives mortality rates, 1950–2023



Appendix 2 Figure S4: Mauritius mortality rates, 1950–2023

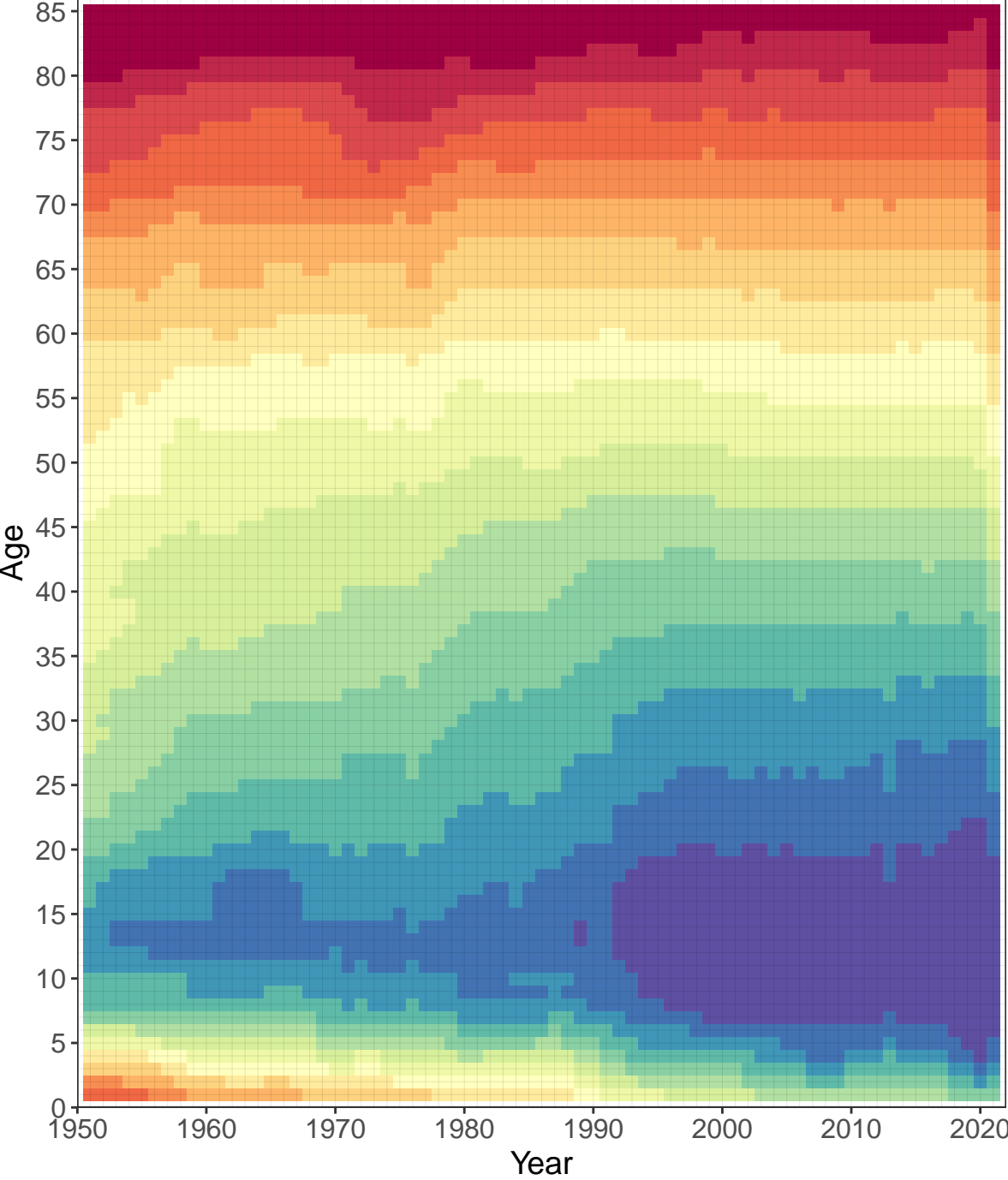


Appendix 2 Figure S4: Myanmar mortality rates, 1950–2023

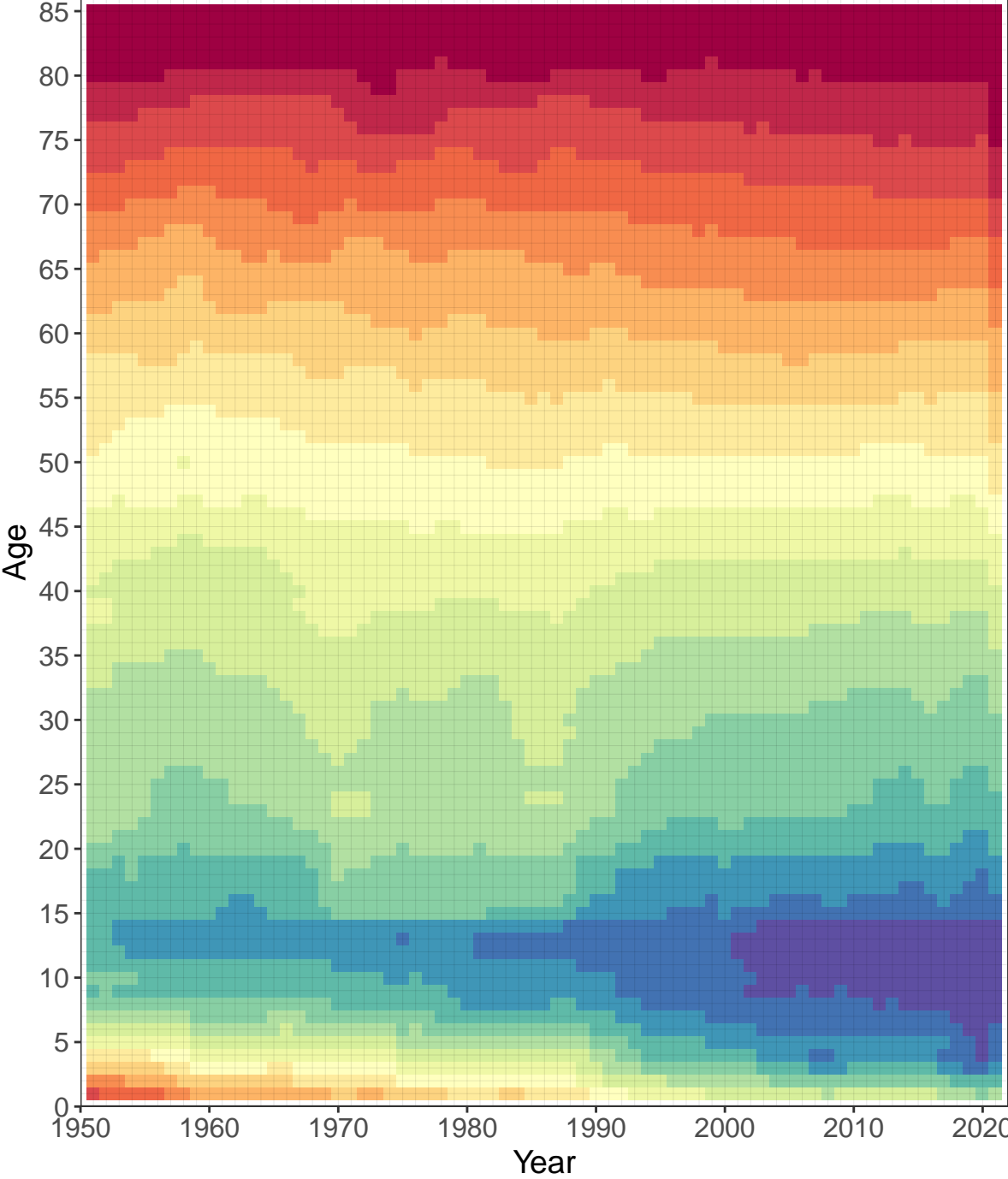


Appendix 2 Figure S4: Philippines mortality rates, 1950–2023

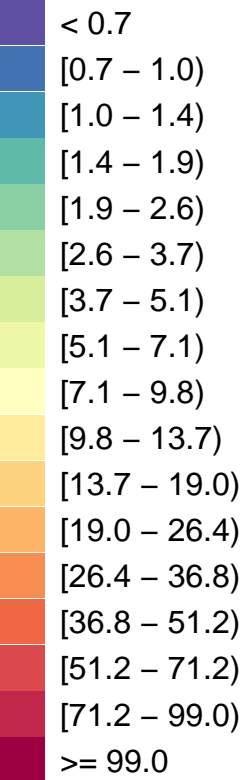
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Males

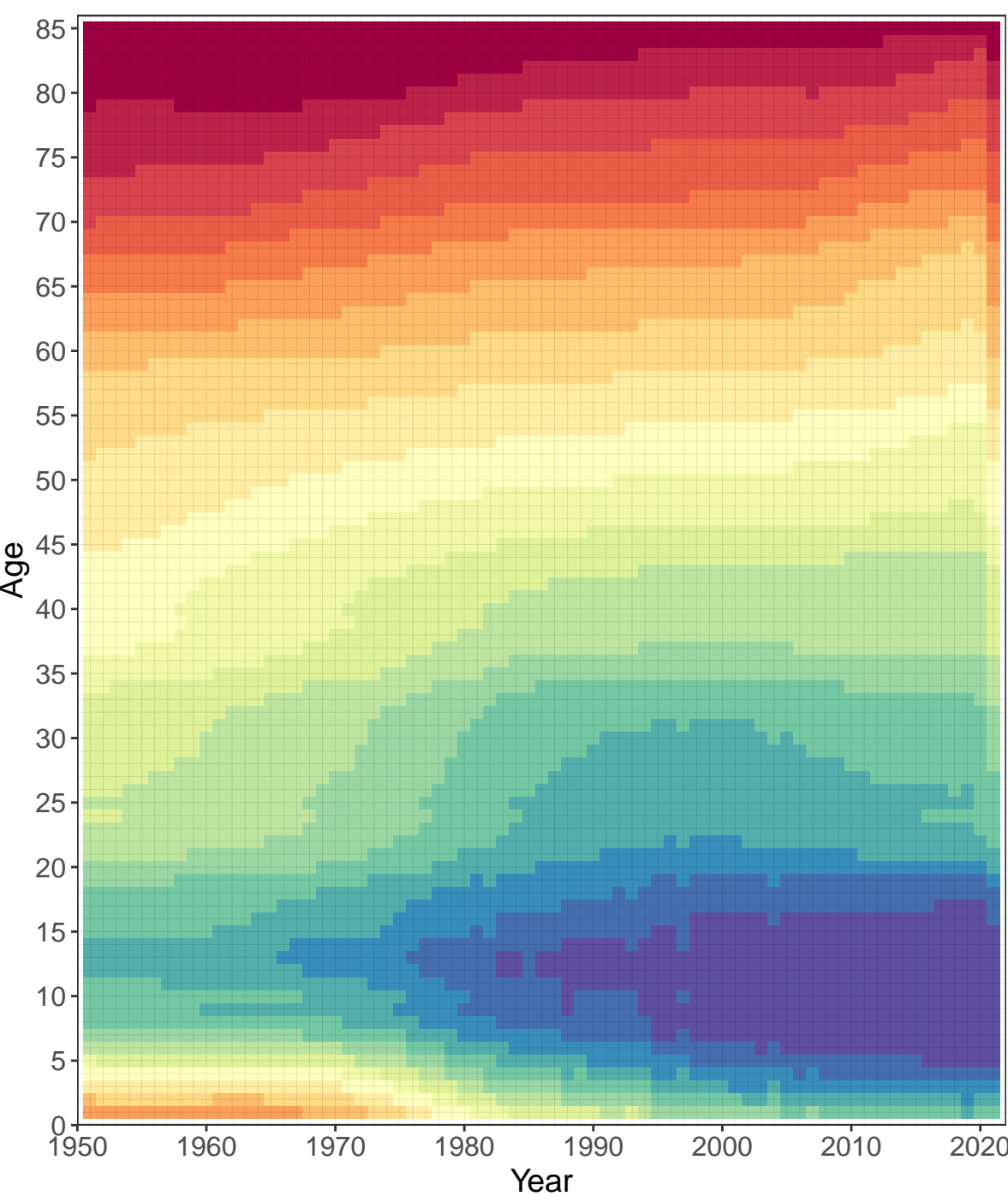


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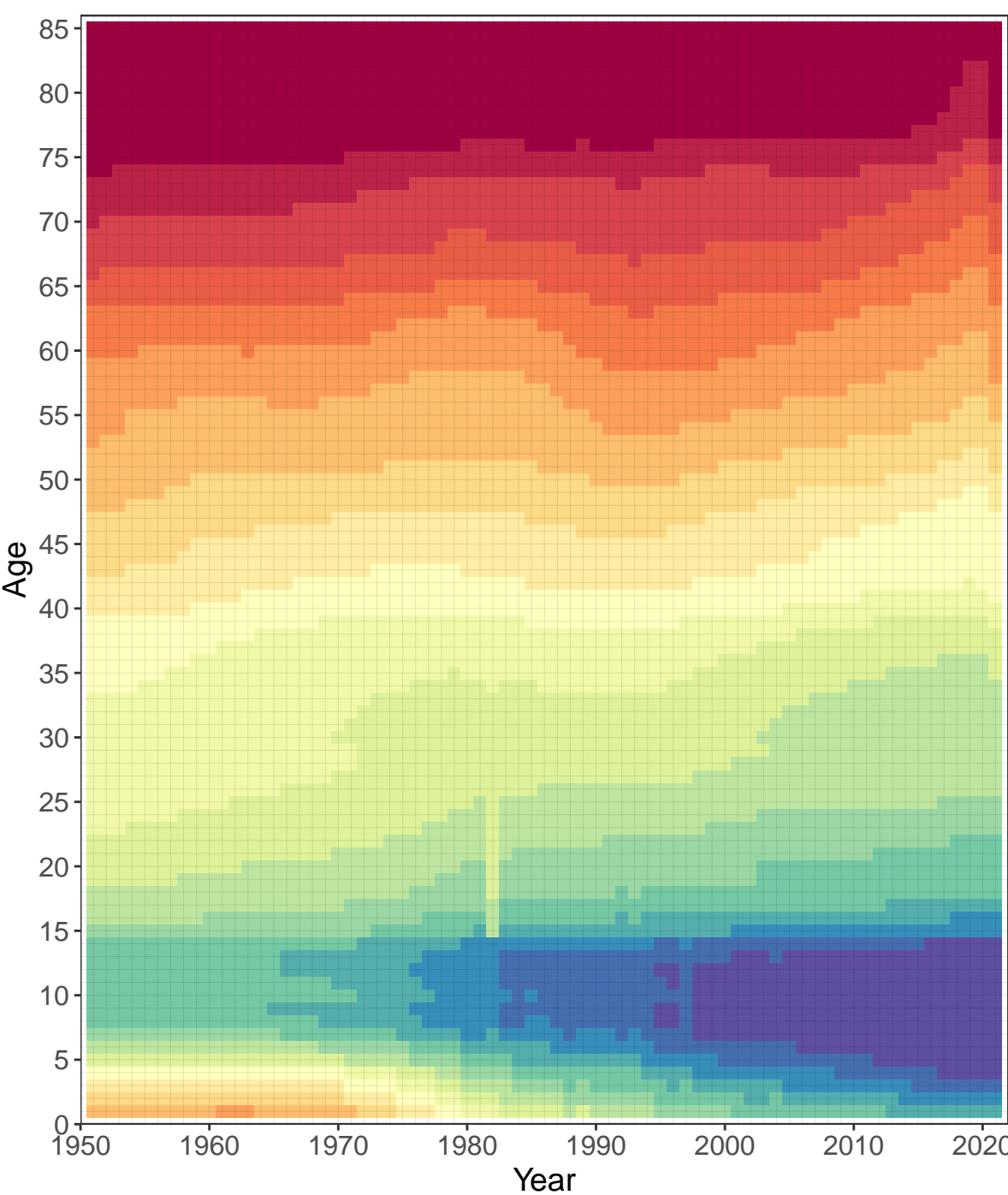


Appendix 2 Figure S4: Seychelles mortality rates, 1950–2023

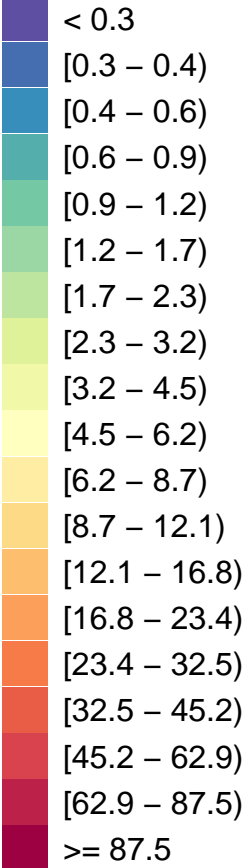
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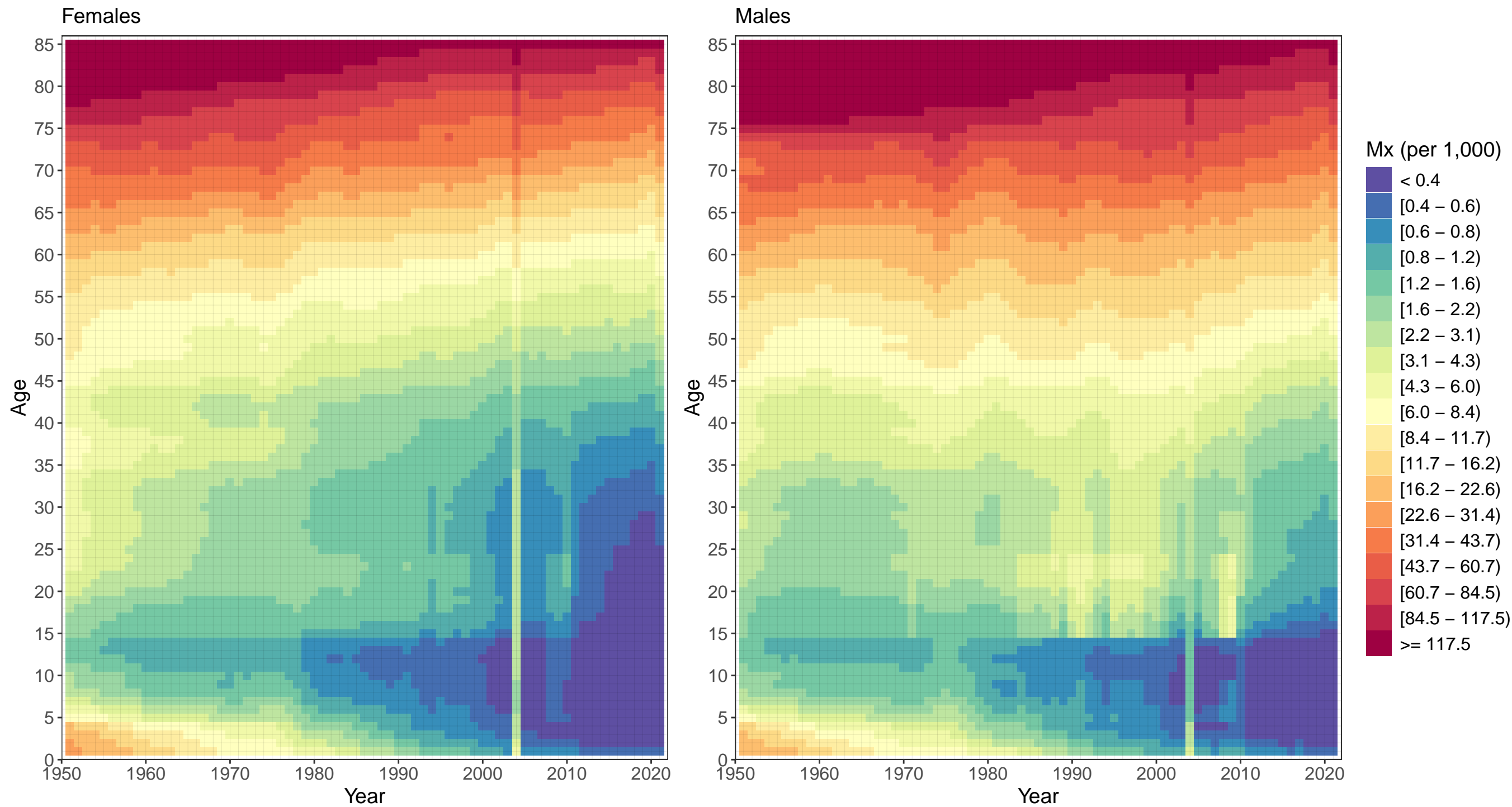
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Mx (per 1,000)

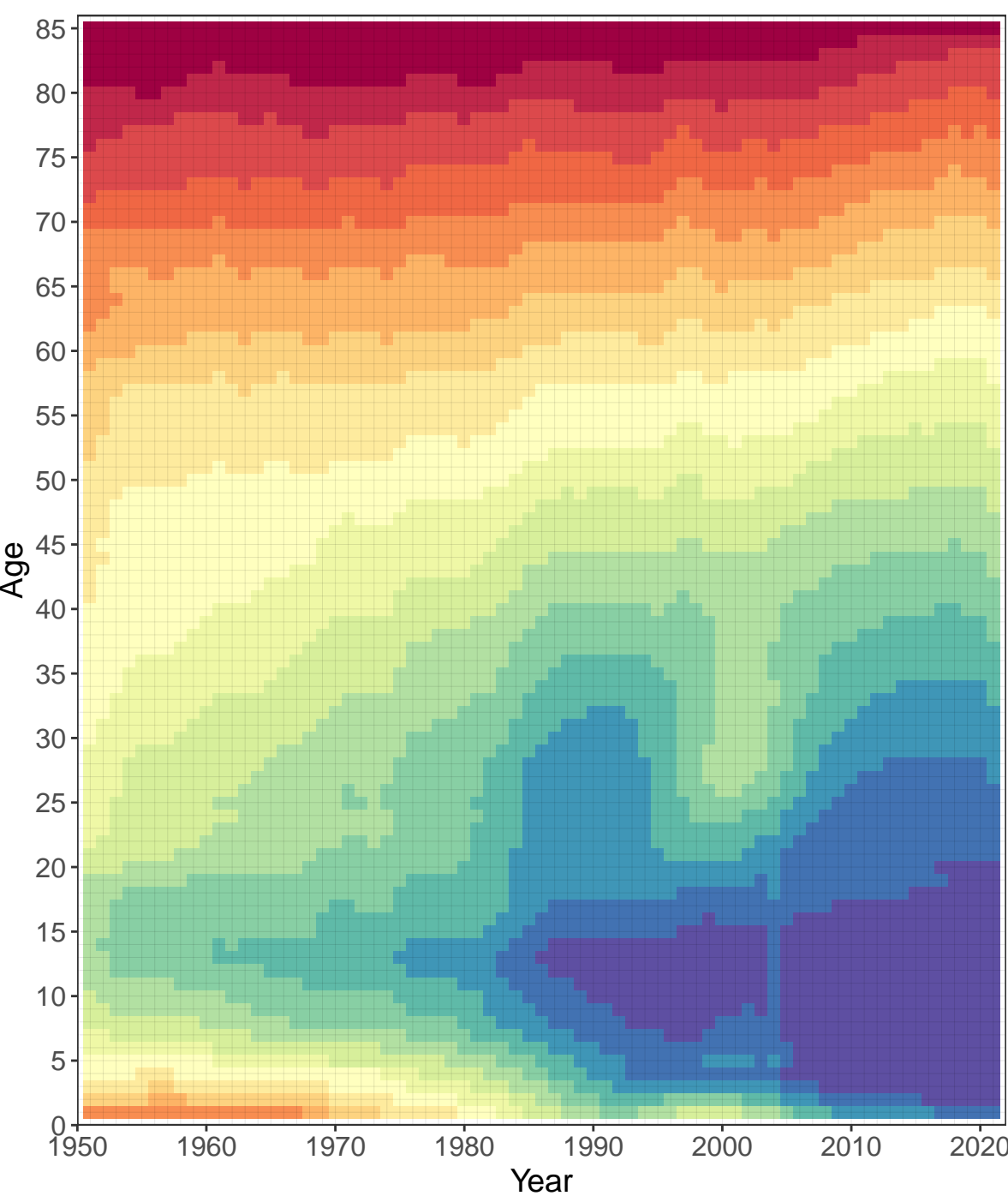


Appendix 2 Figure S4: Sri Lanka mortality rates, 1950–2023

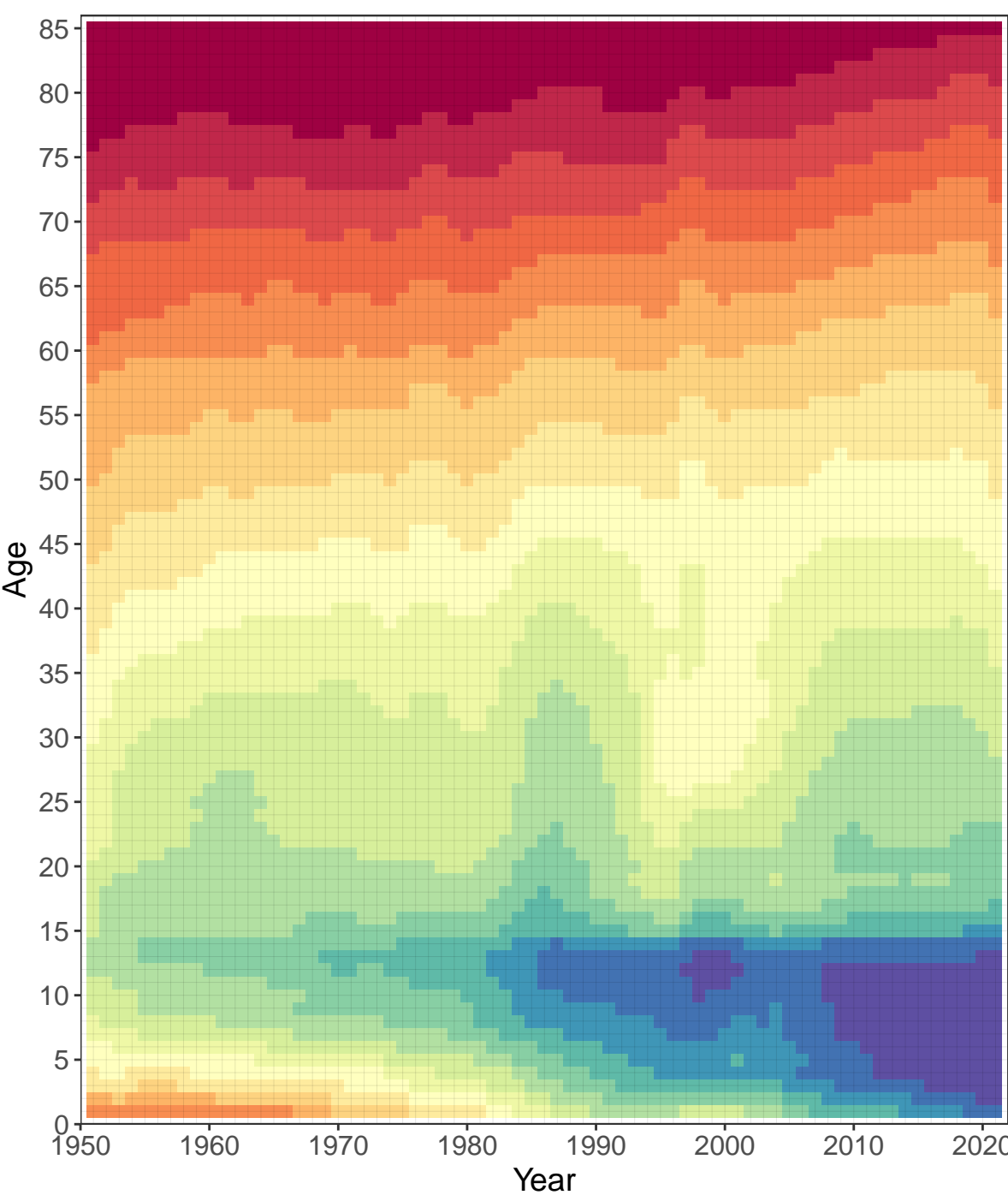


Appendix 2 Figure S4: Thailand mortality rates, 1950–2023

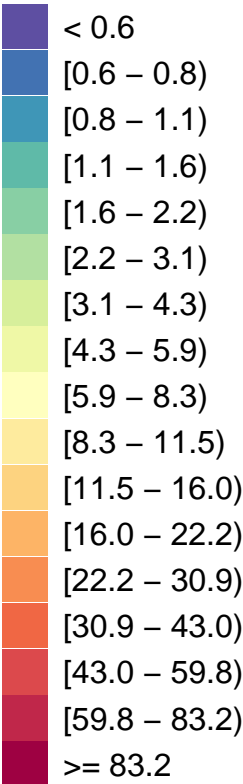
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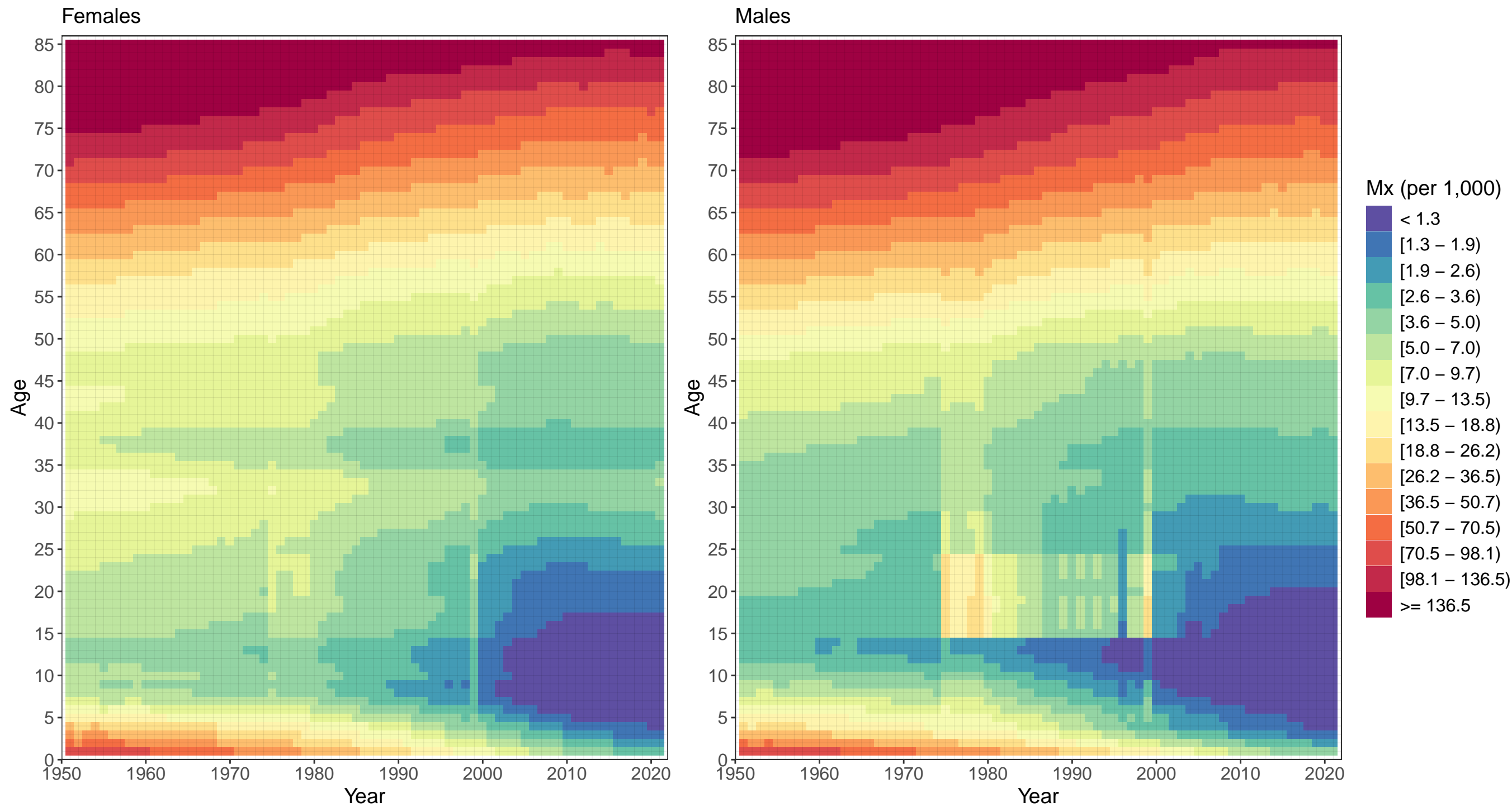
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Mx (per 1,000)

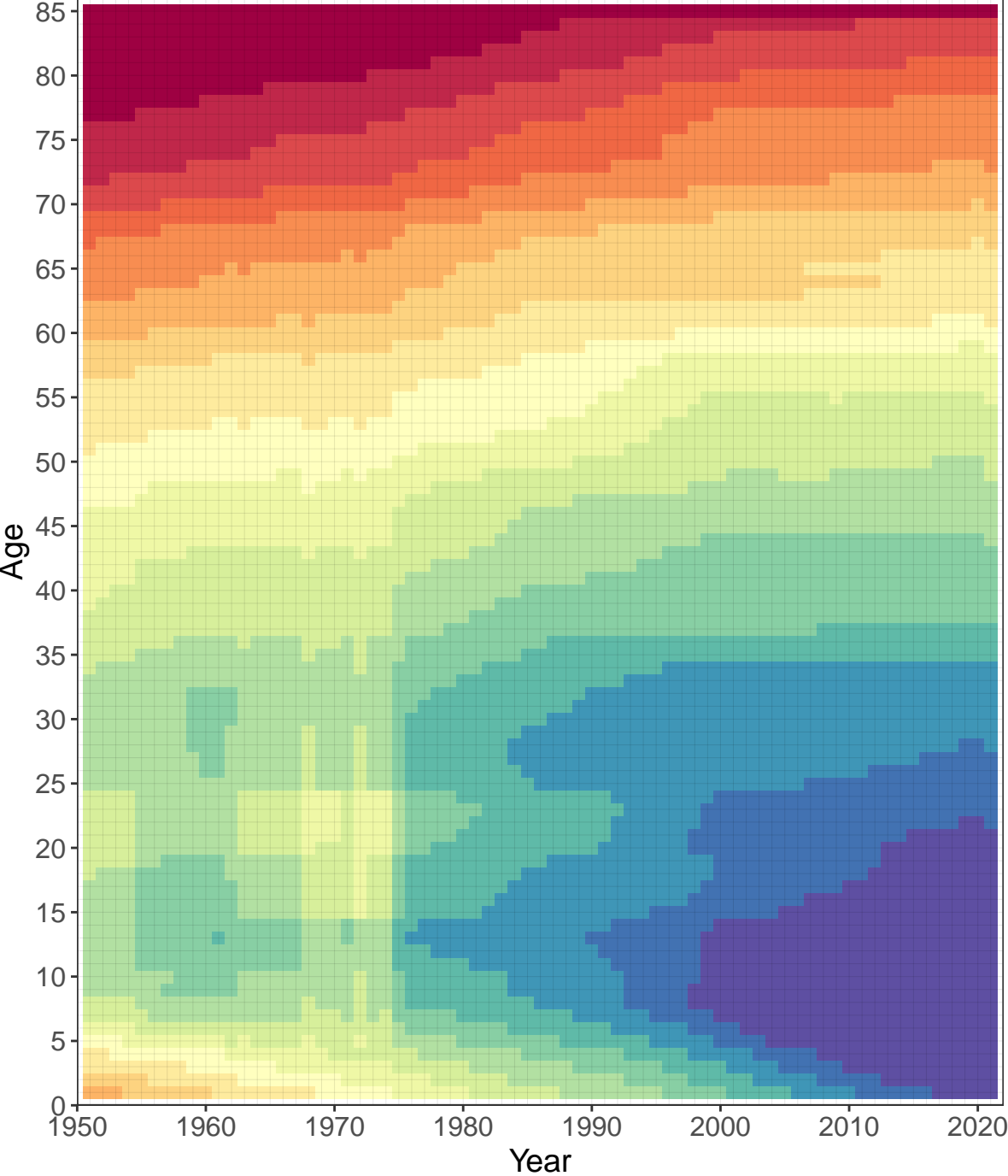


Appendix 2 Figure S4: Timor–Leste mortality rates, 1950–2023

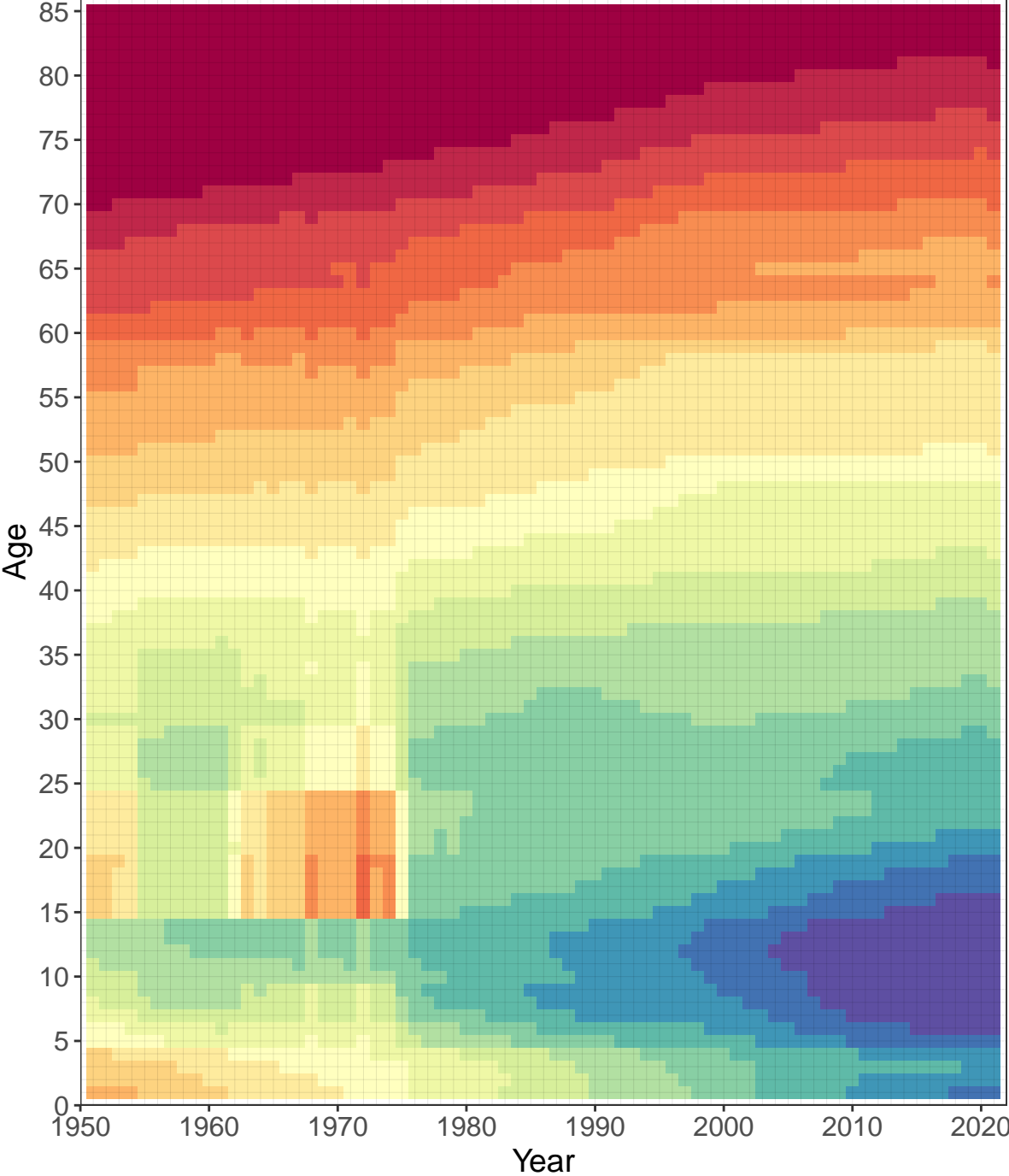


Appendix 2 Figure S4: Viet Nam mortality rates, 1950–2023

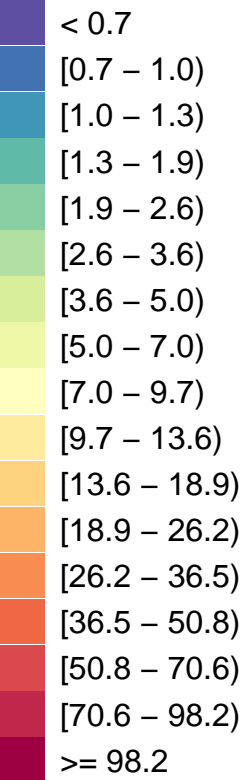
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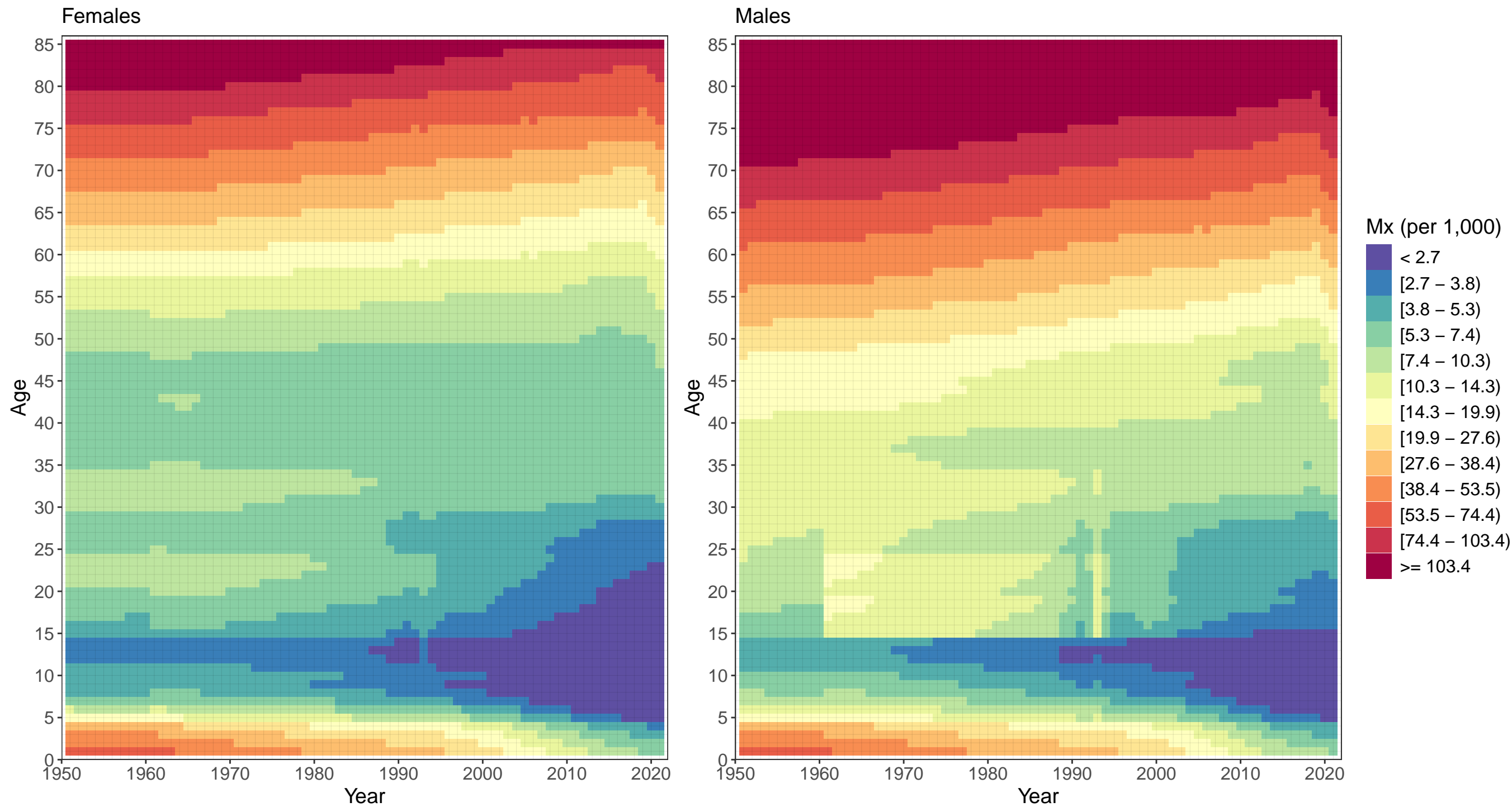
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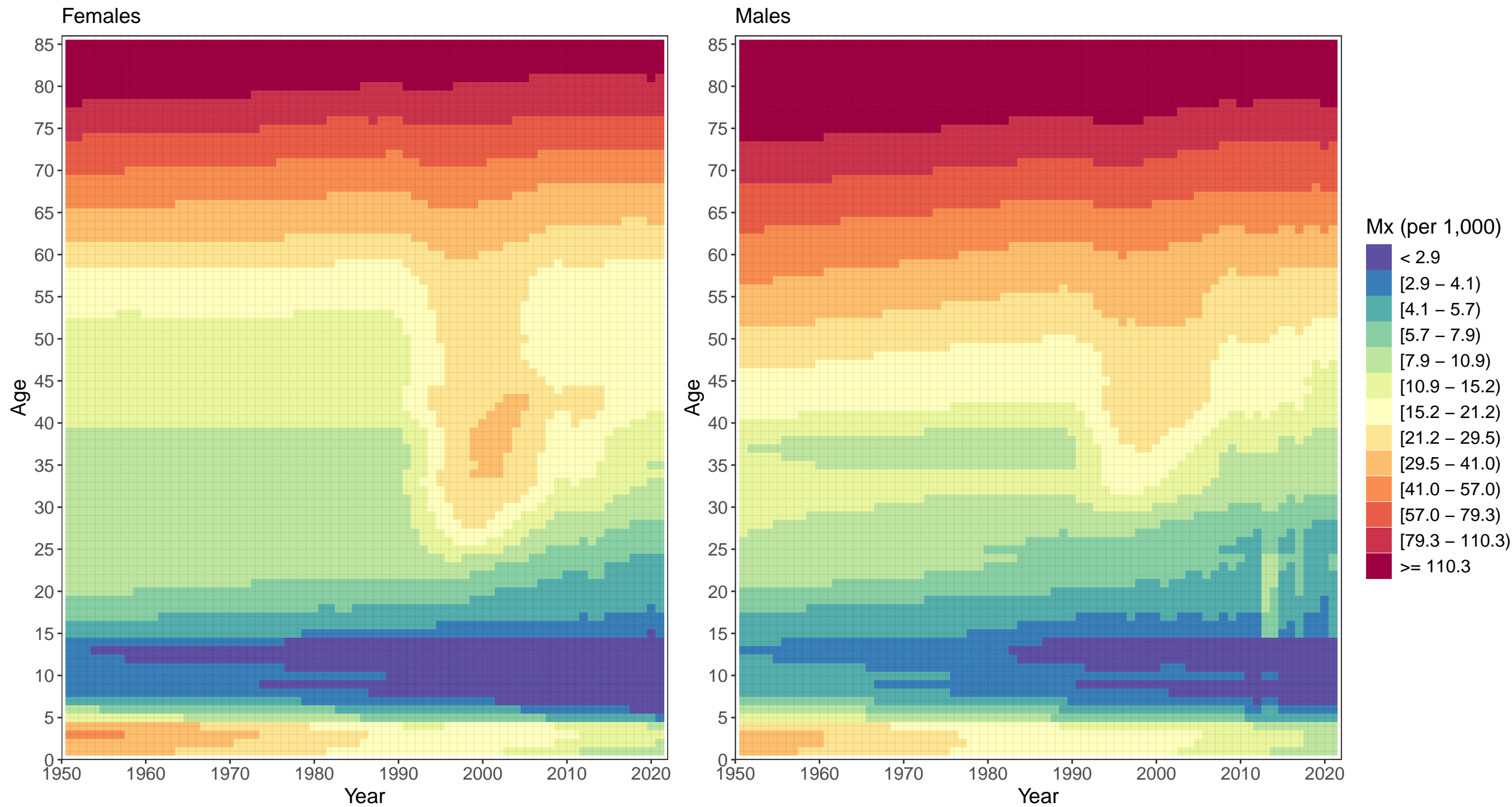
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Appendix 2 Figure S4: Angola mortality rates, 1950–2023

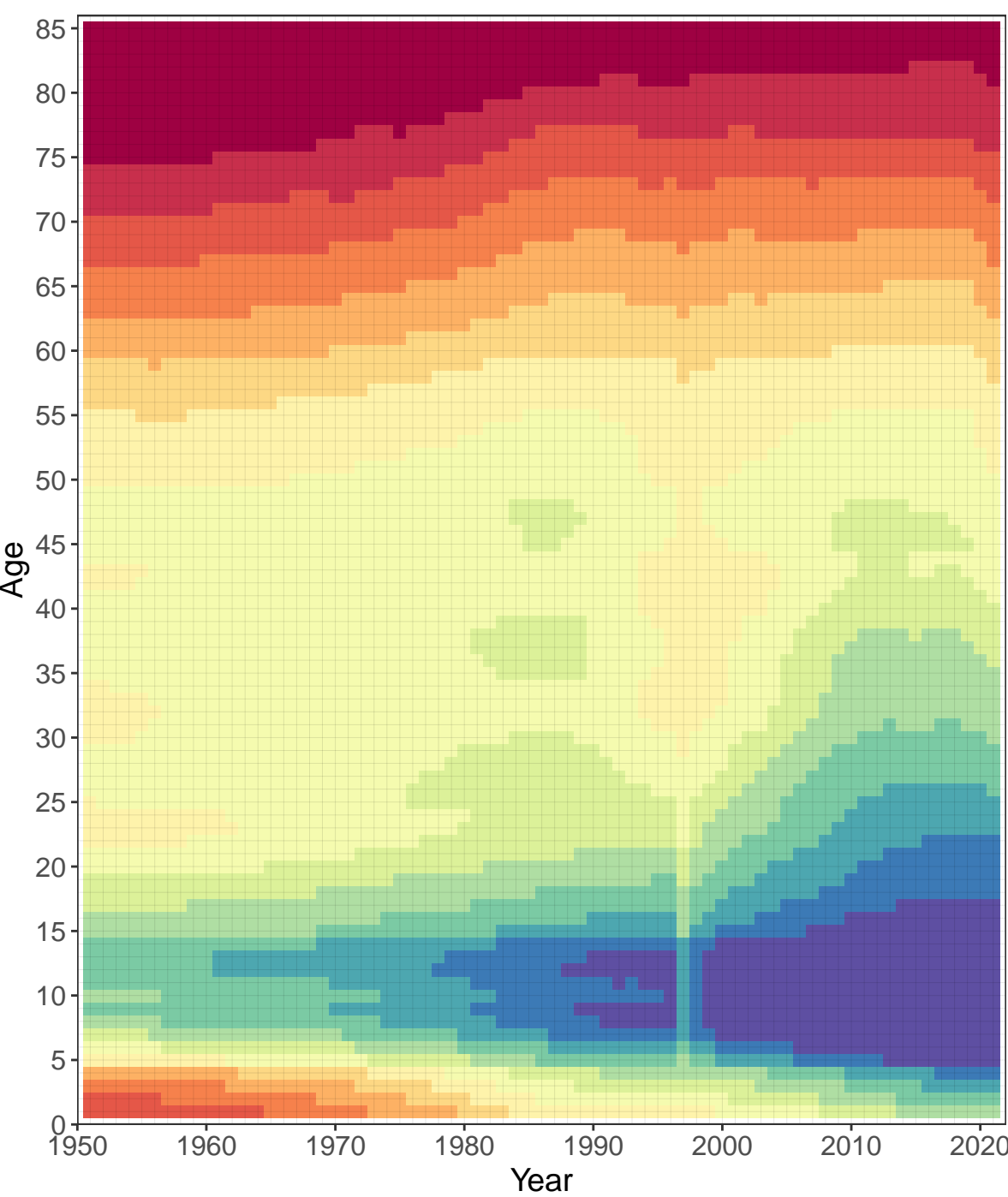


Appendix 2 Figure S4: Central African Republic mortality rates, 1950–2023

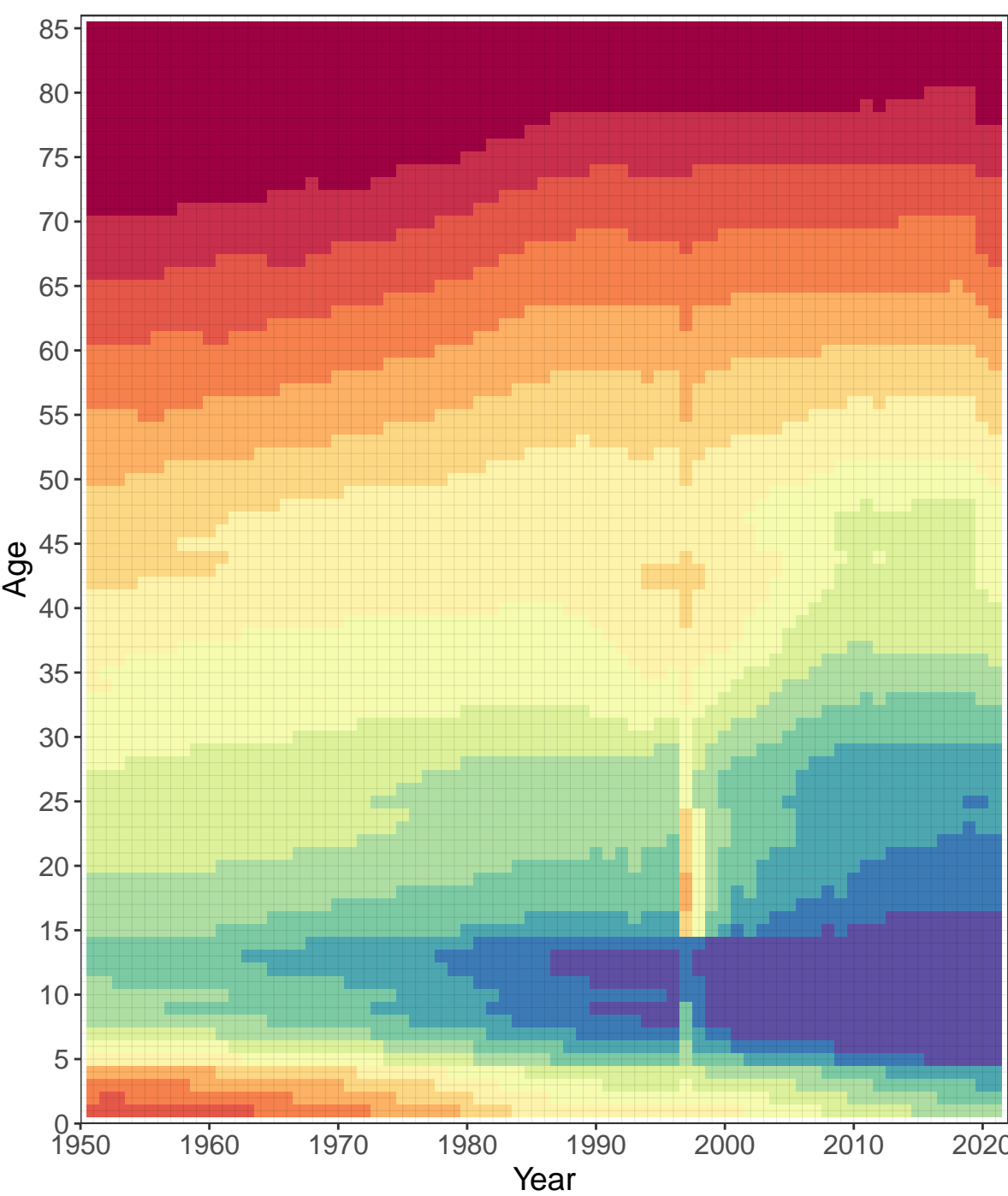


Appendix 2 Figure S4: Congo (Brazzaville) mortality rates, 1950–2023

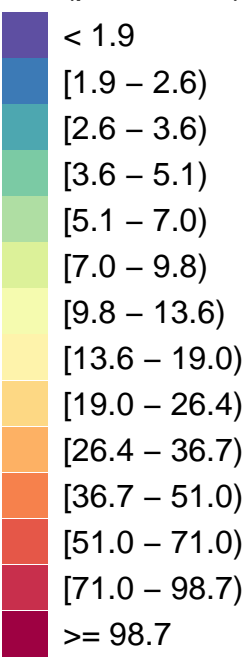
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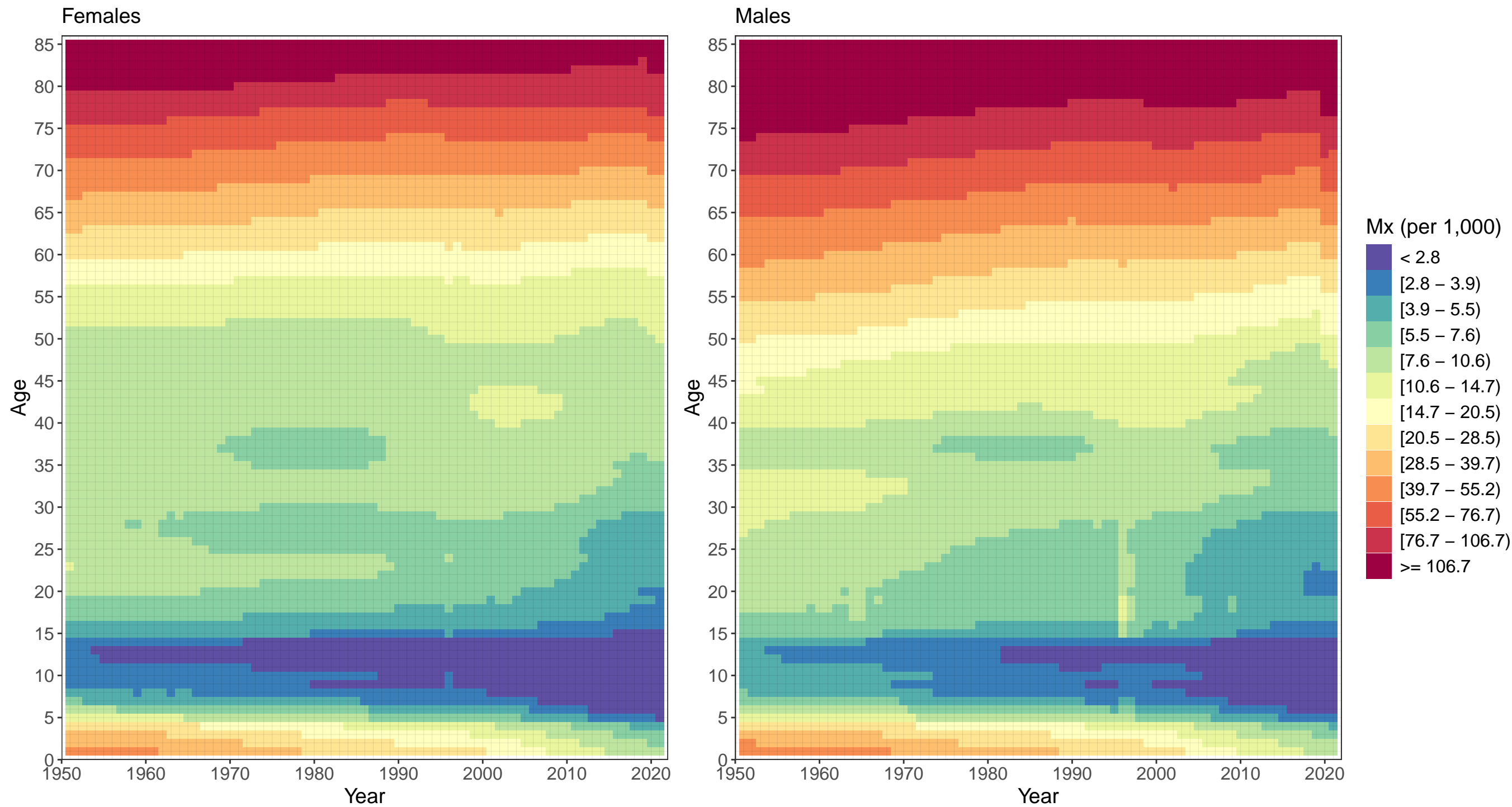
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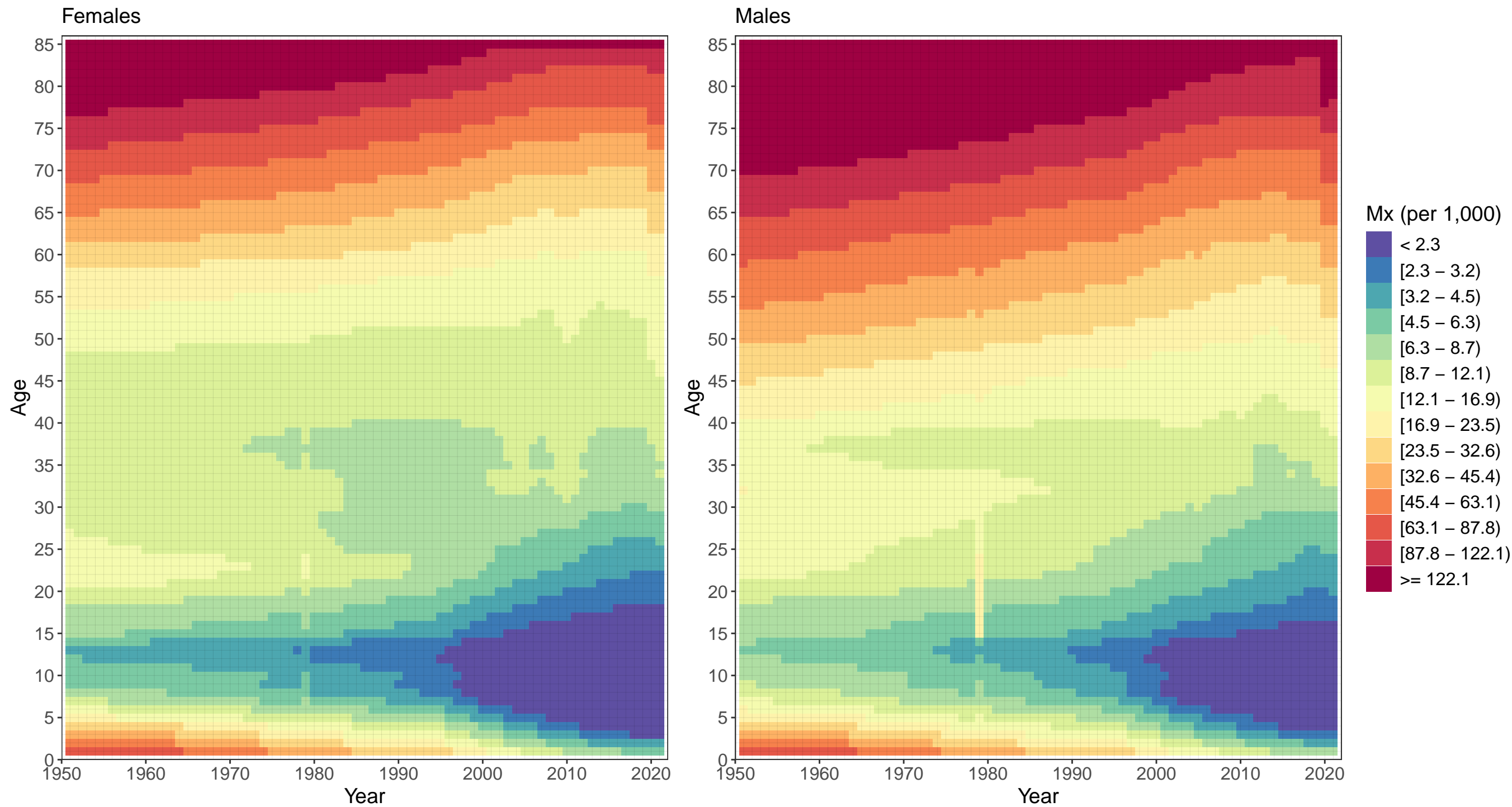
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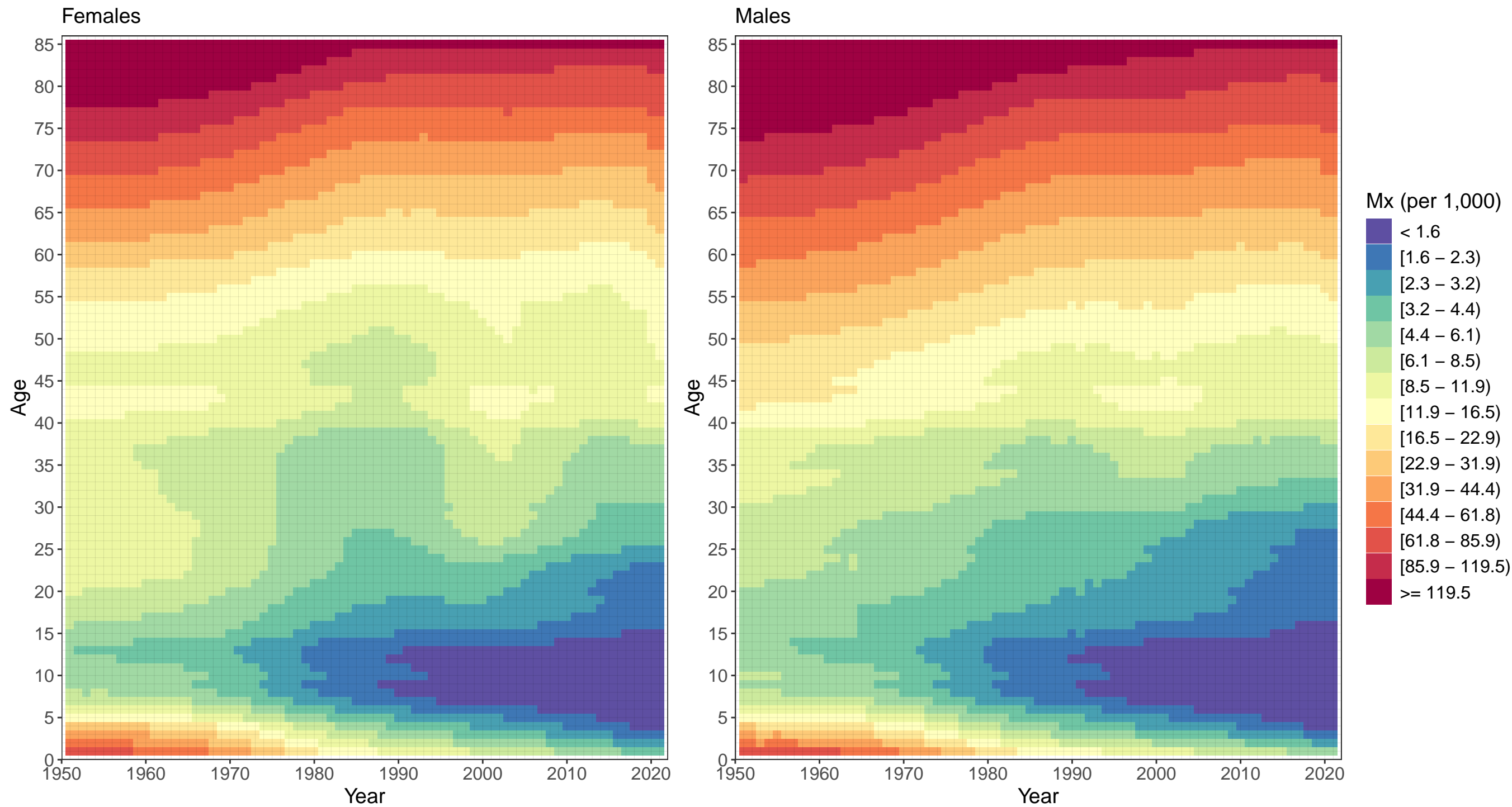
Appendix 2 Figure S4: DR Congo mortality rates, 1950–2023



Appendix 2 Figure S4: Equatorial Guinea mortality rates, 1950–2023

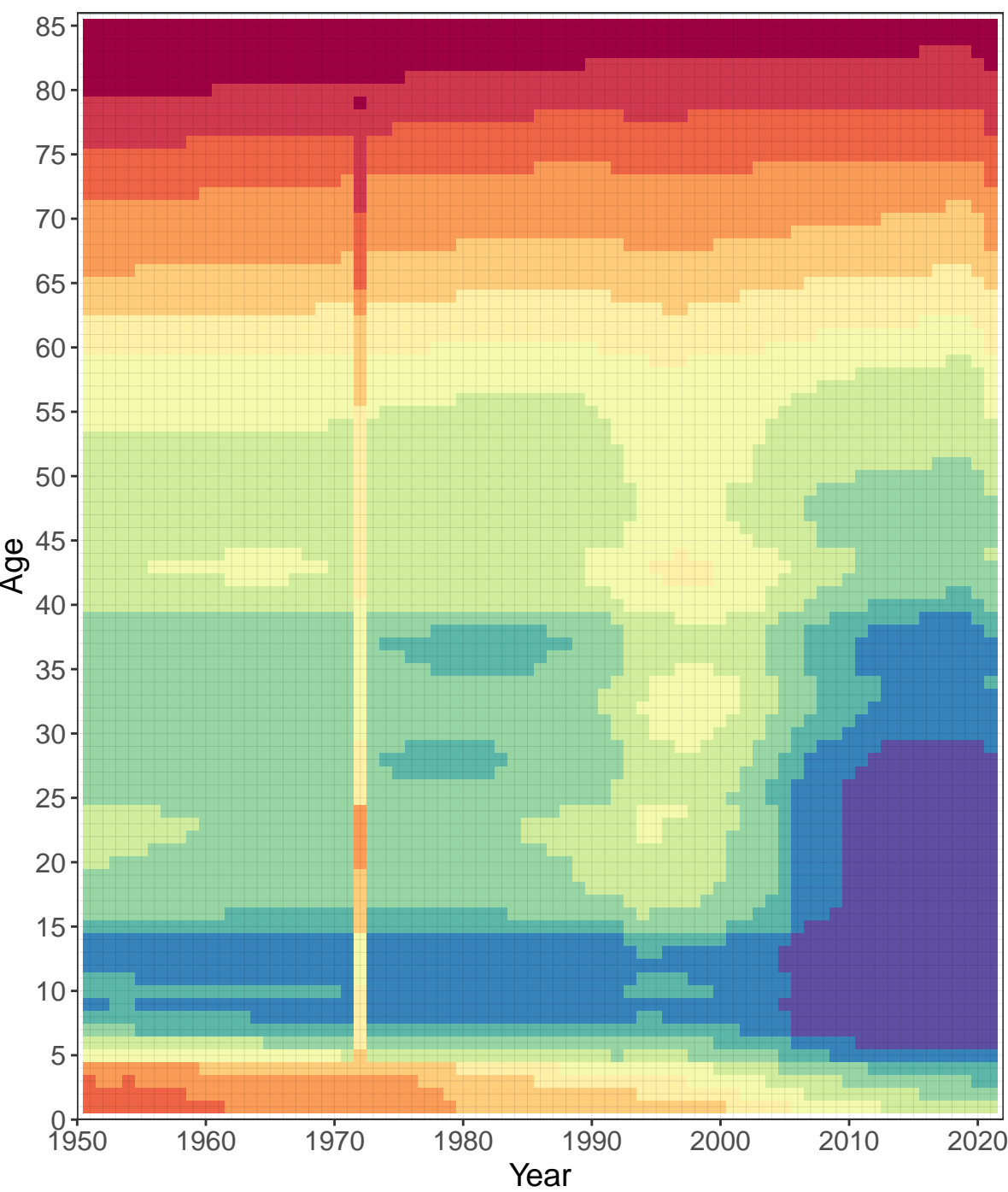


Appendix 2 Figure S4: Gabon mortality rates, 1950–2023

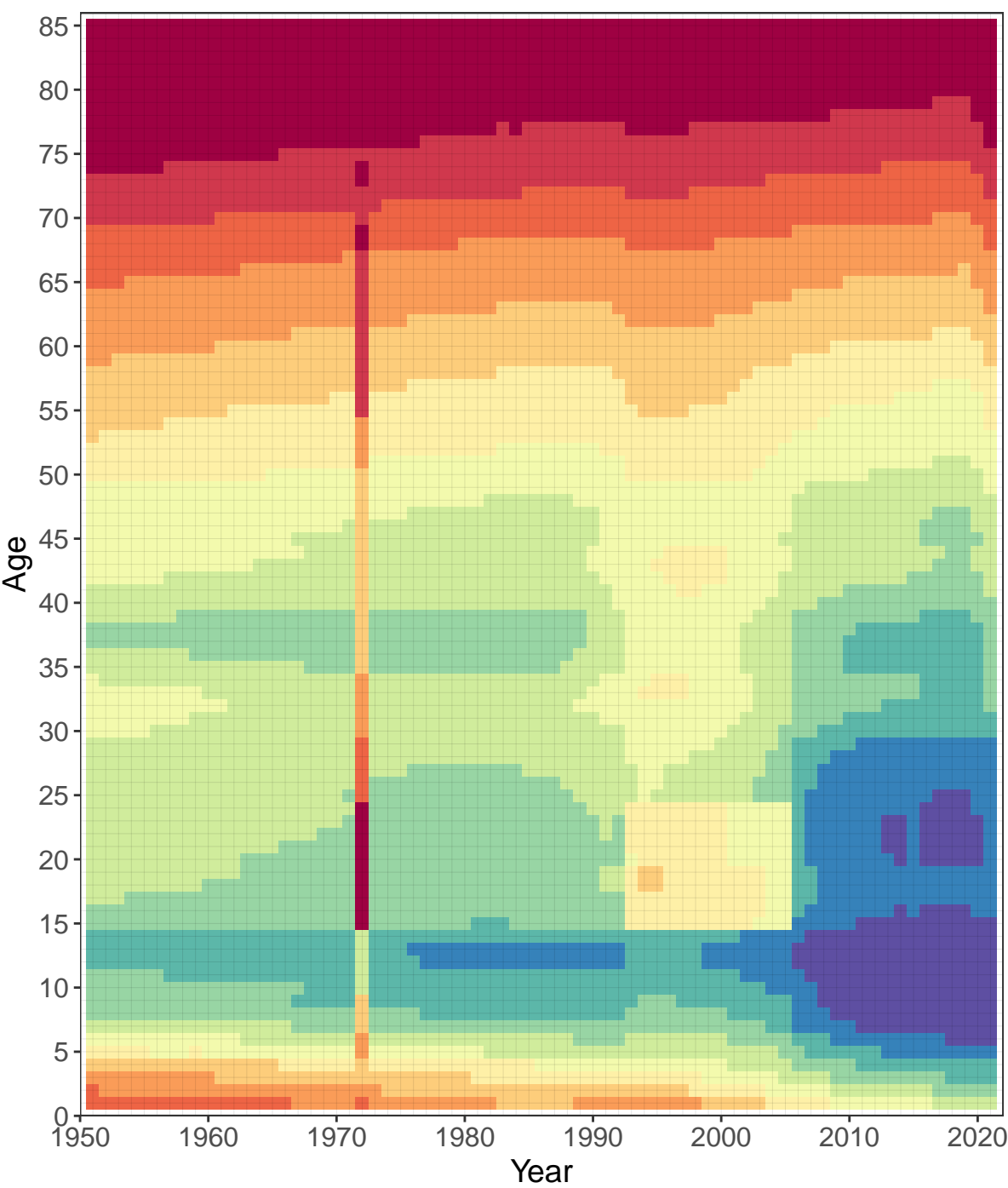


Appendix 2 Figure S4: Burundi mortality rates, 1950–2023

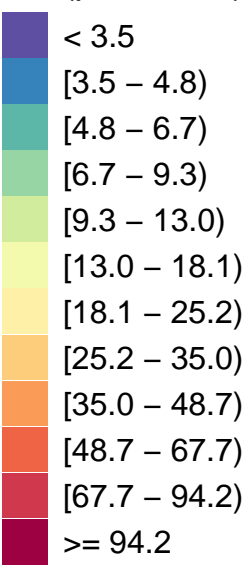
Females



Males

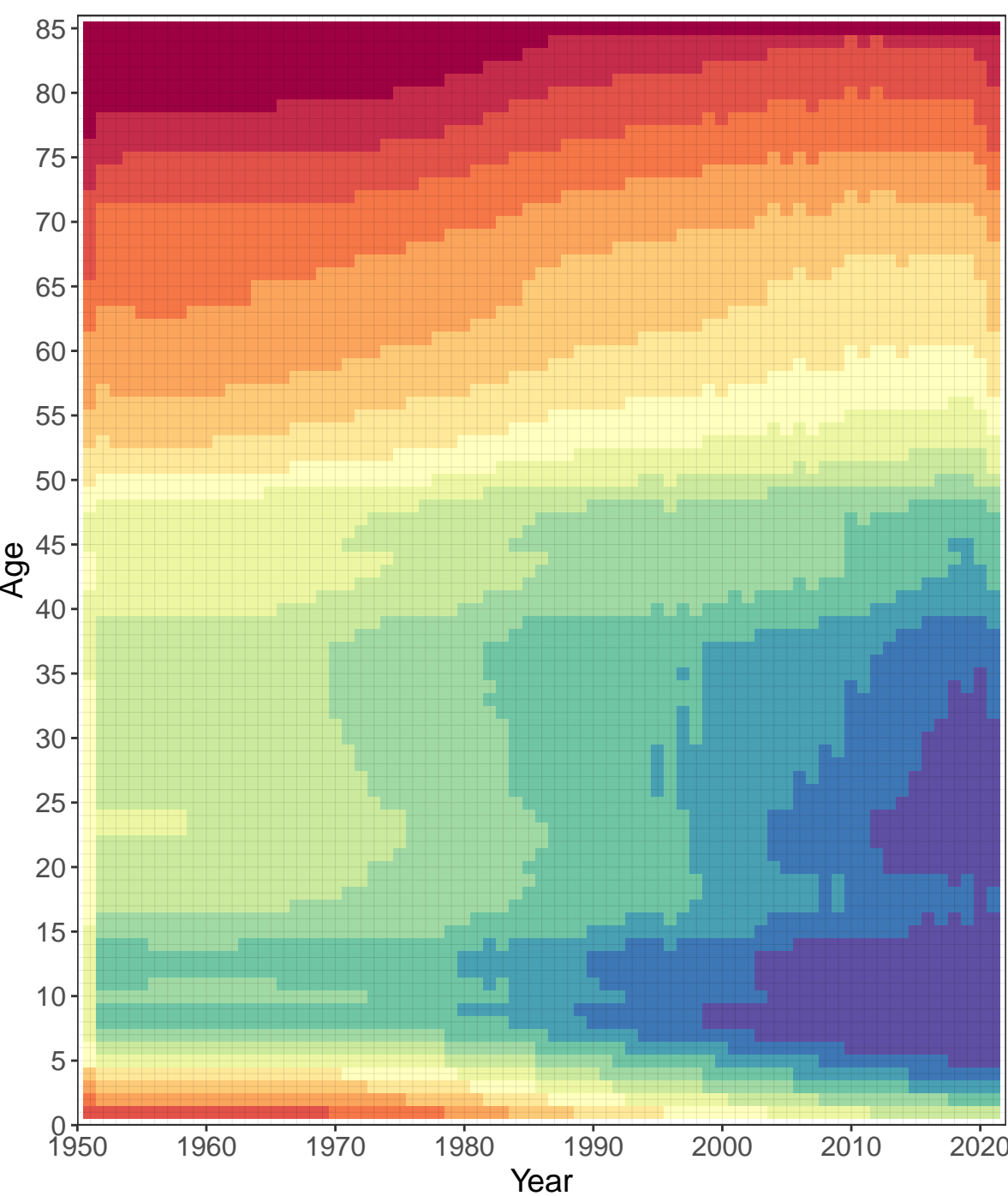


Mx (per 1,000)

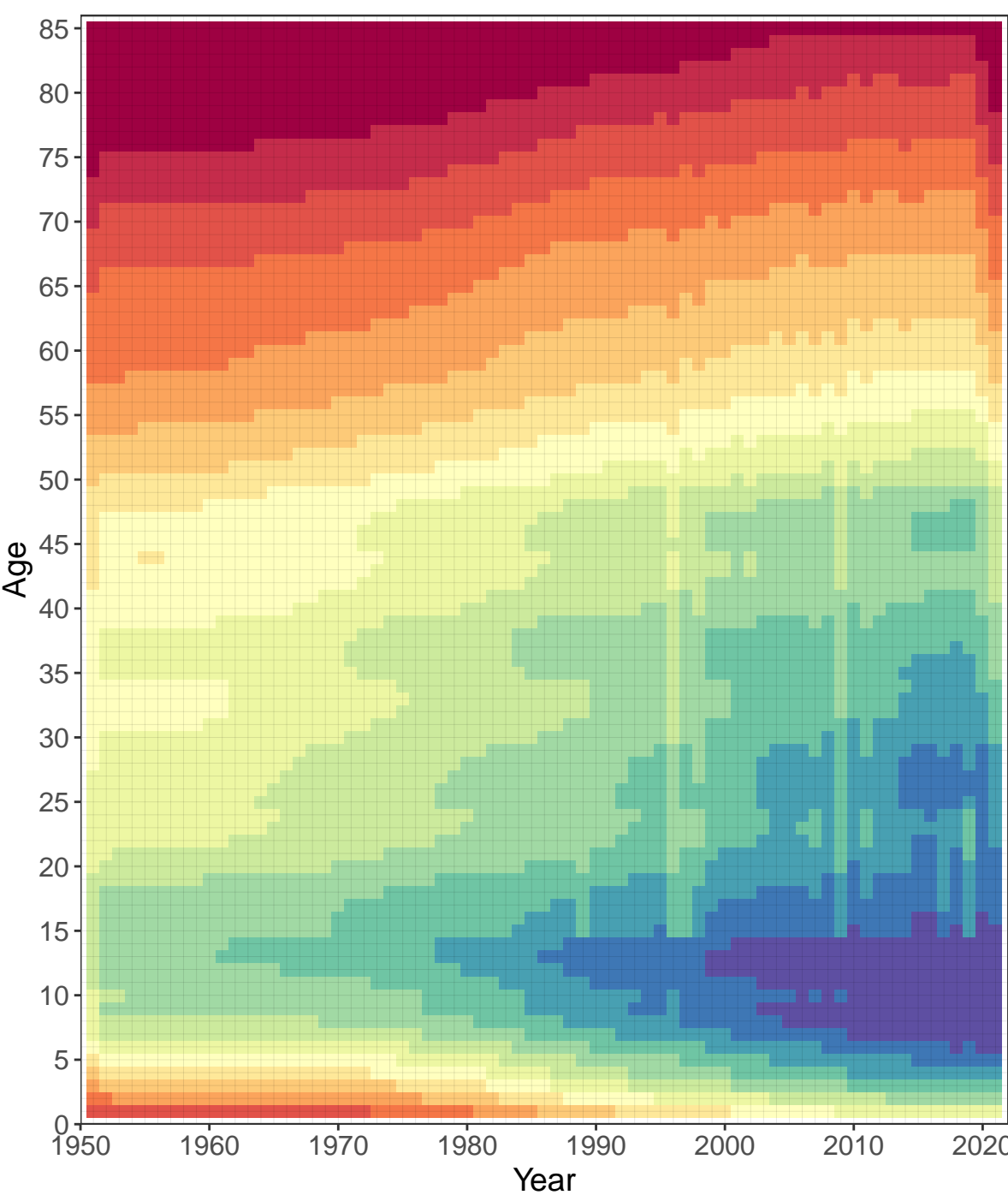


Appendix 2 Figure S4: Comoros mortality rates, 1950–2023

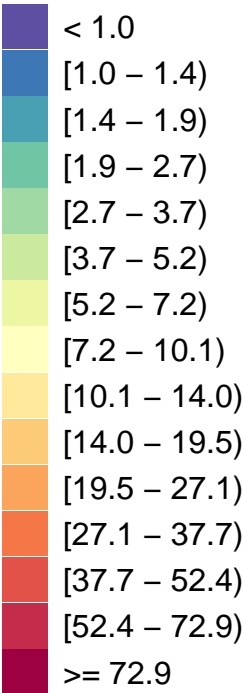
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Males

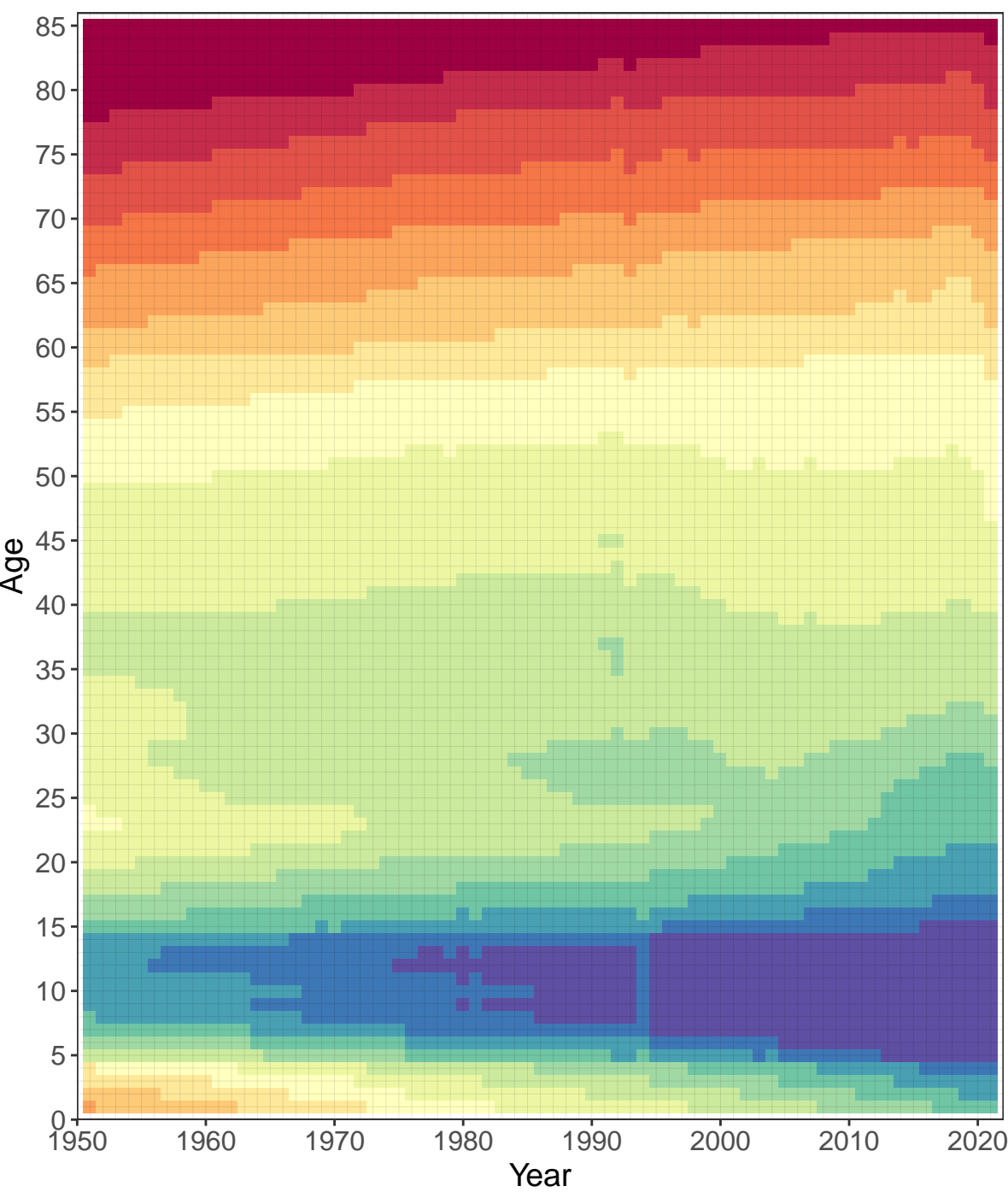


Mx (per 1,000)

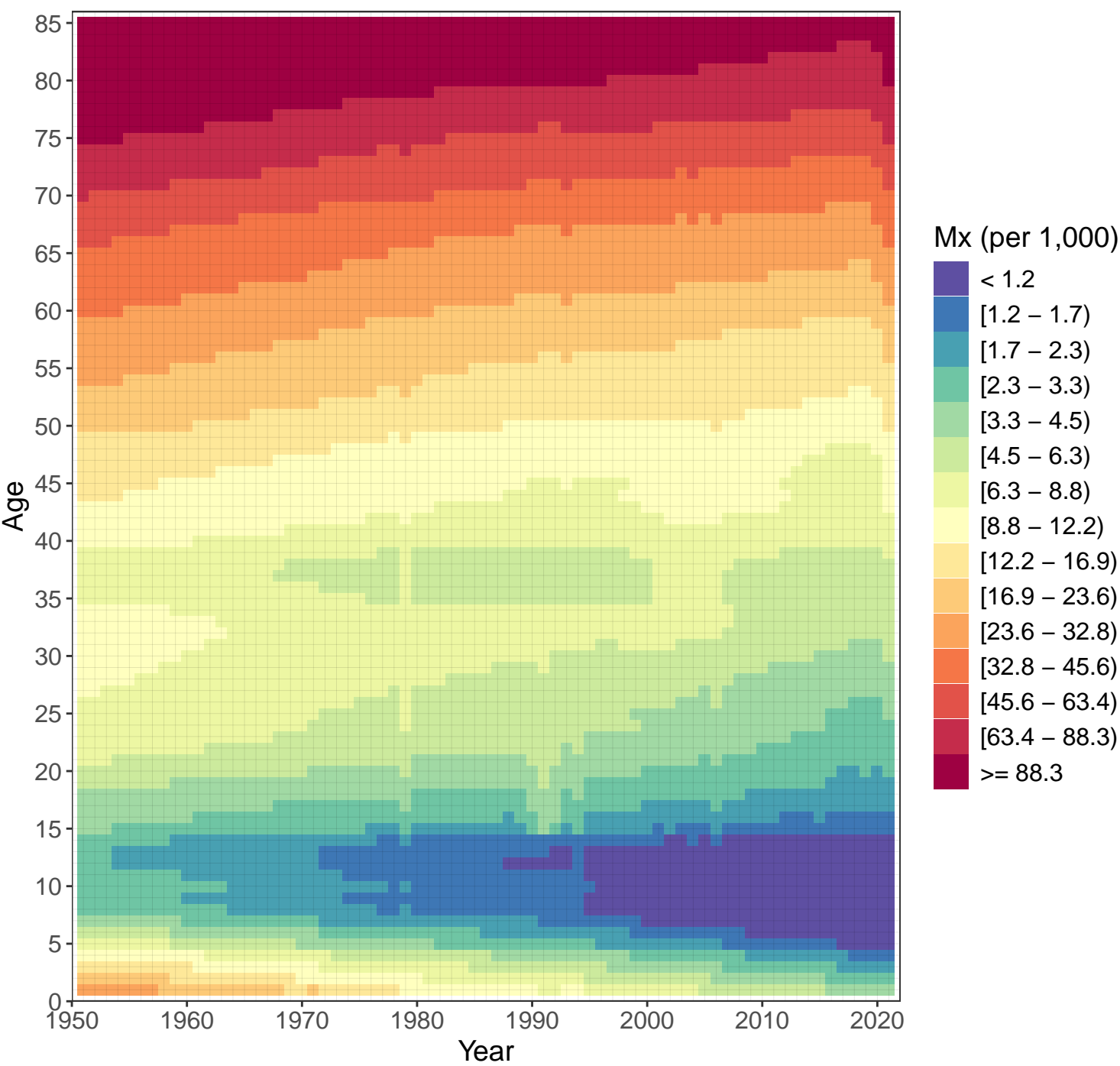


Appendix 2 Figure S4: Djibouti mortality rates, 1950–2023

Females

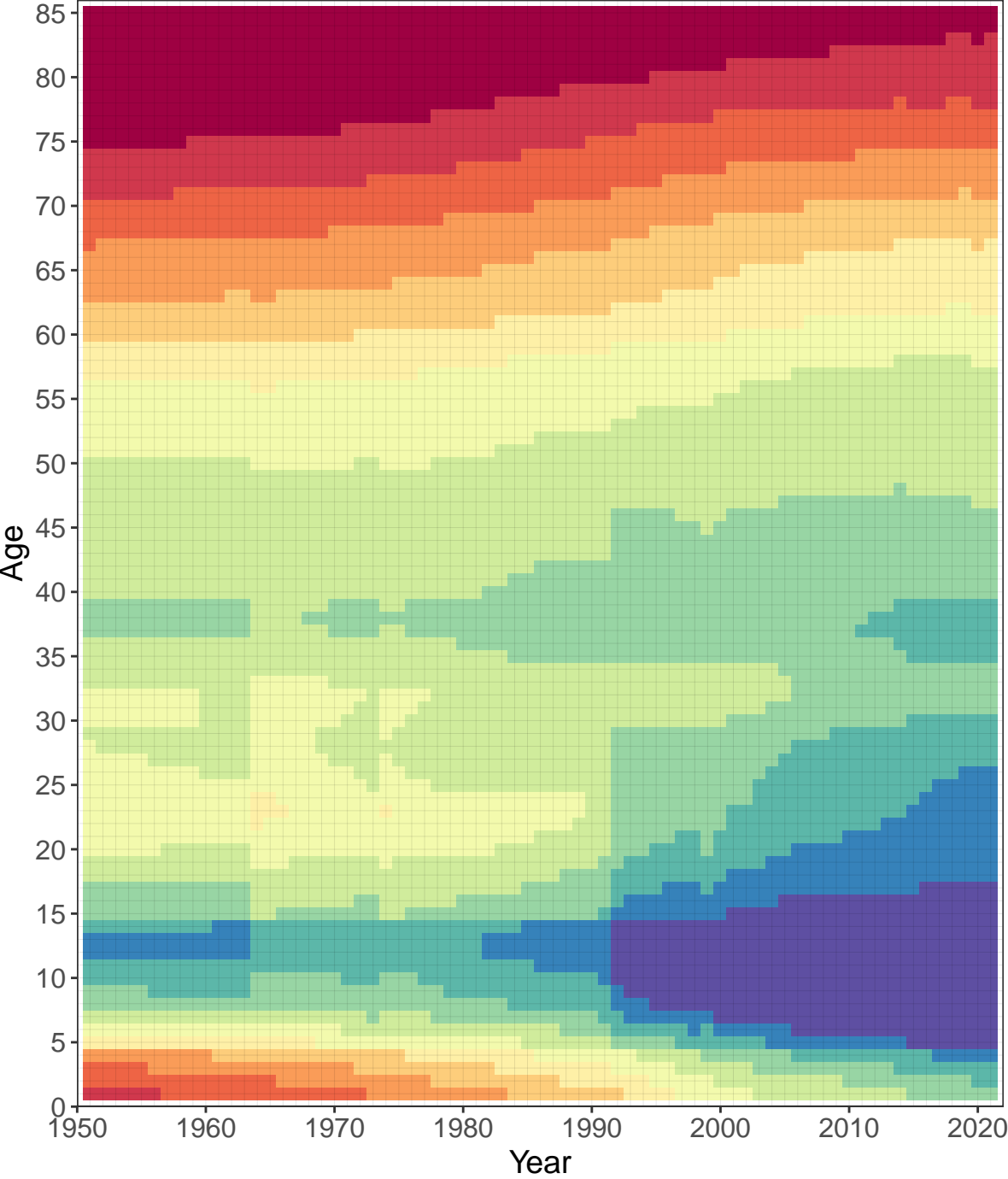


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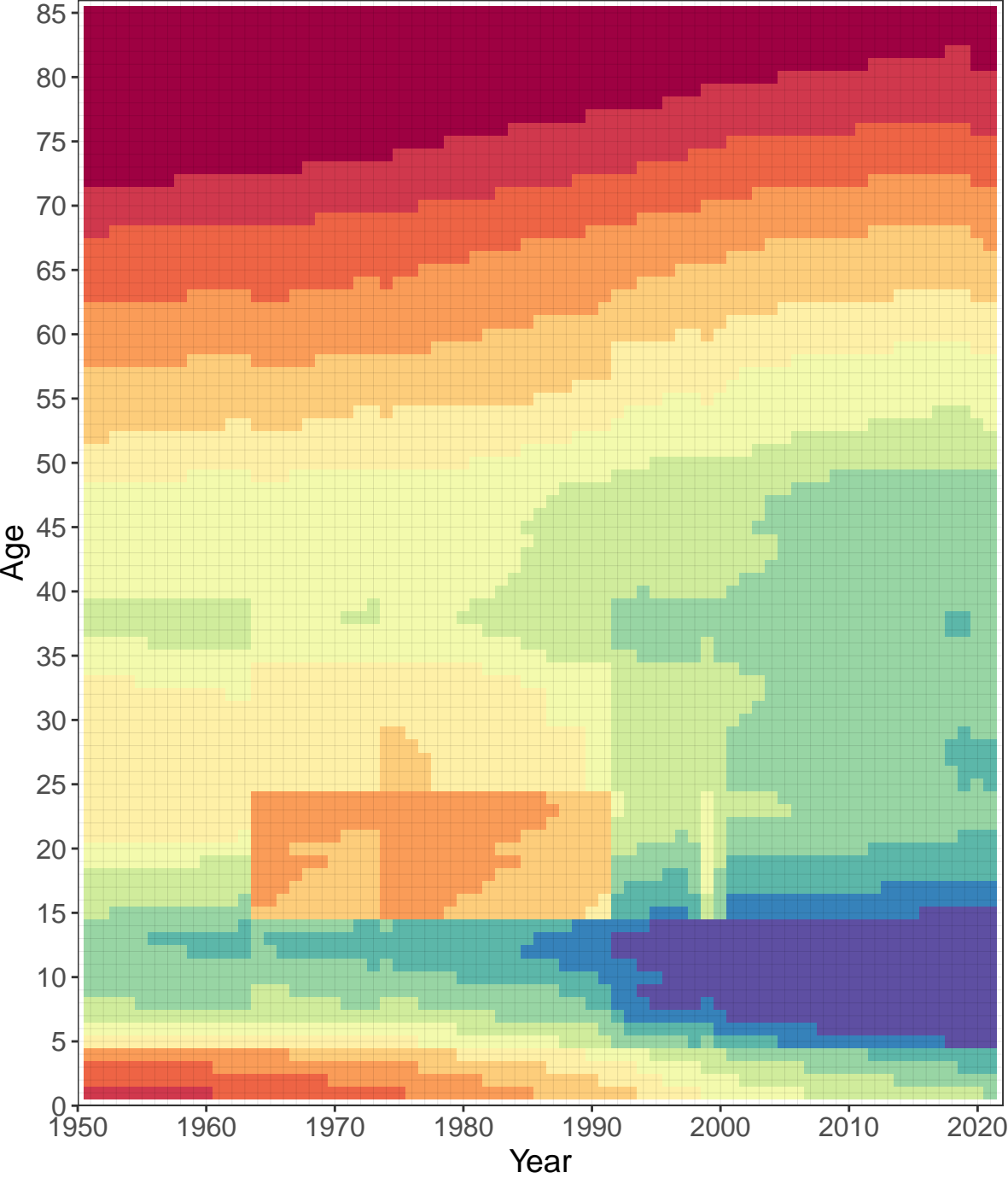


Appendix 2 Figure S4: Eritrea mortality rates, 1950–2023

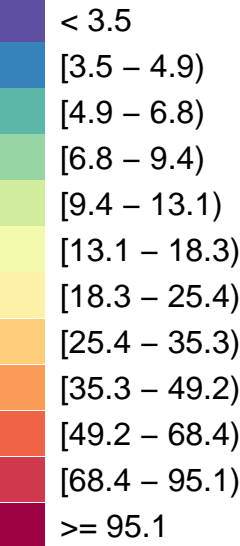
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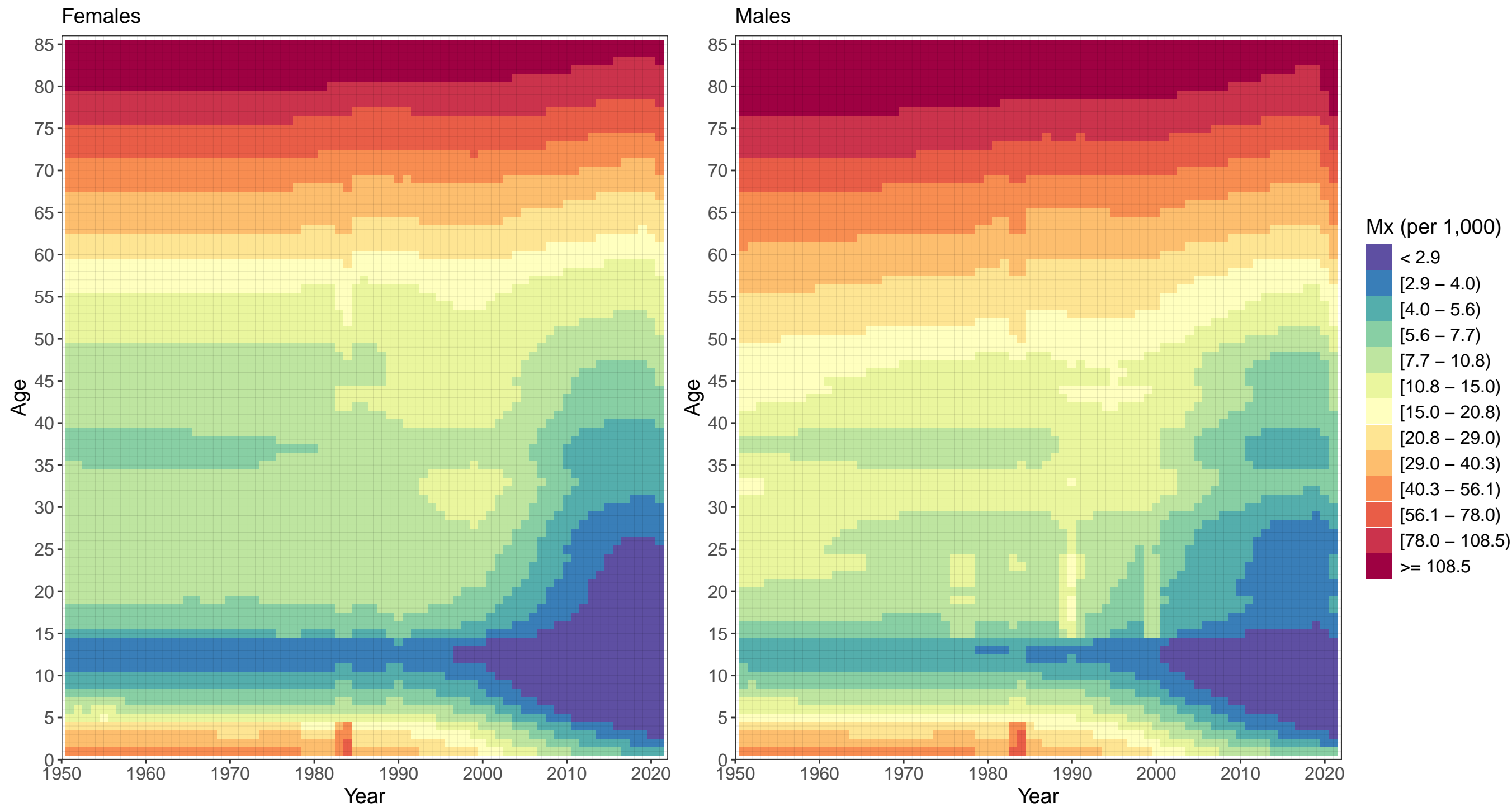
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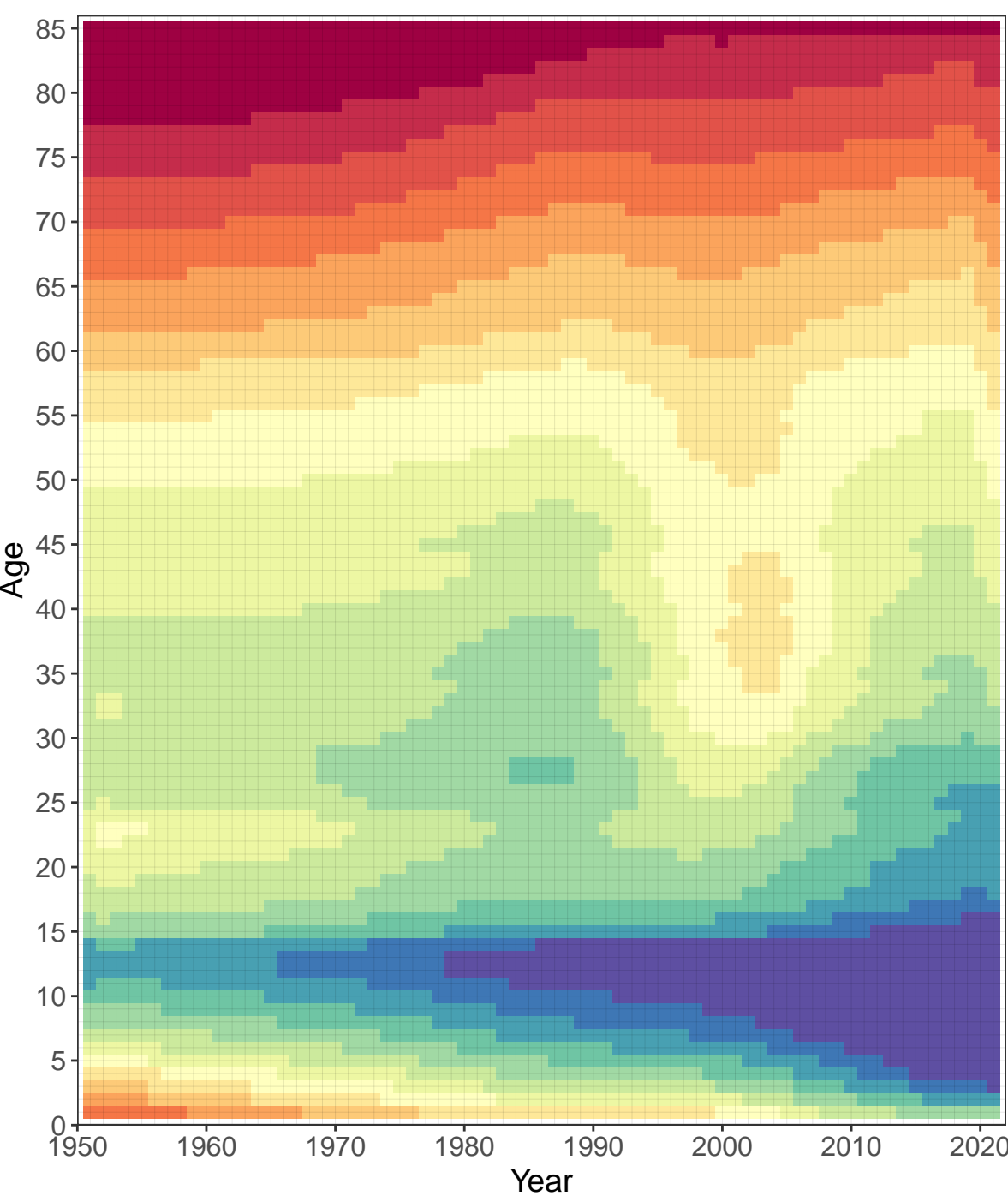


Appendix 2 Figure S4: Ethiopia mortality rates, 1950–2023

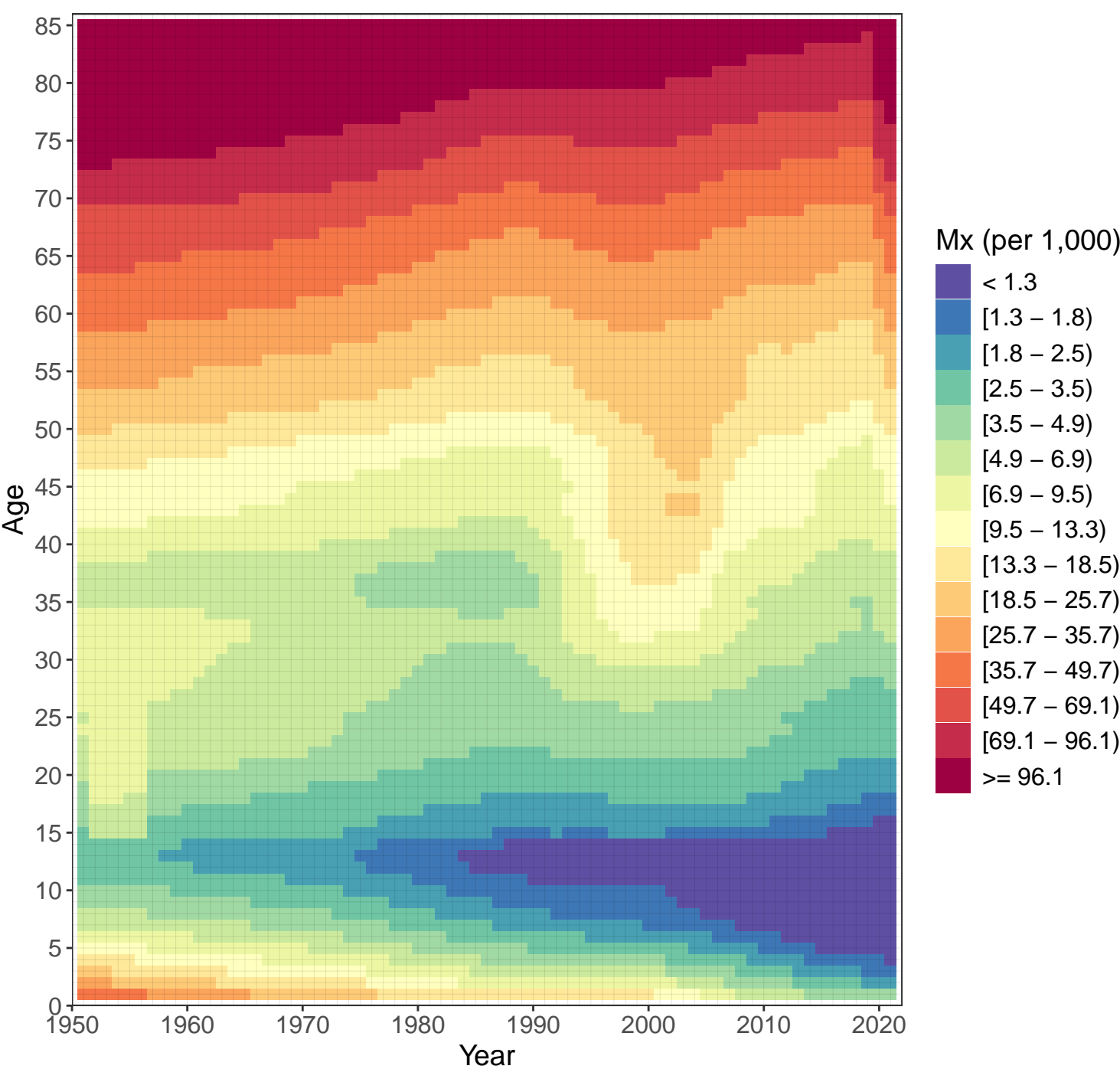


Appendix 2 Figure S4: Kenya mortality rates, 1950–2023

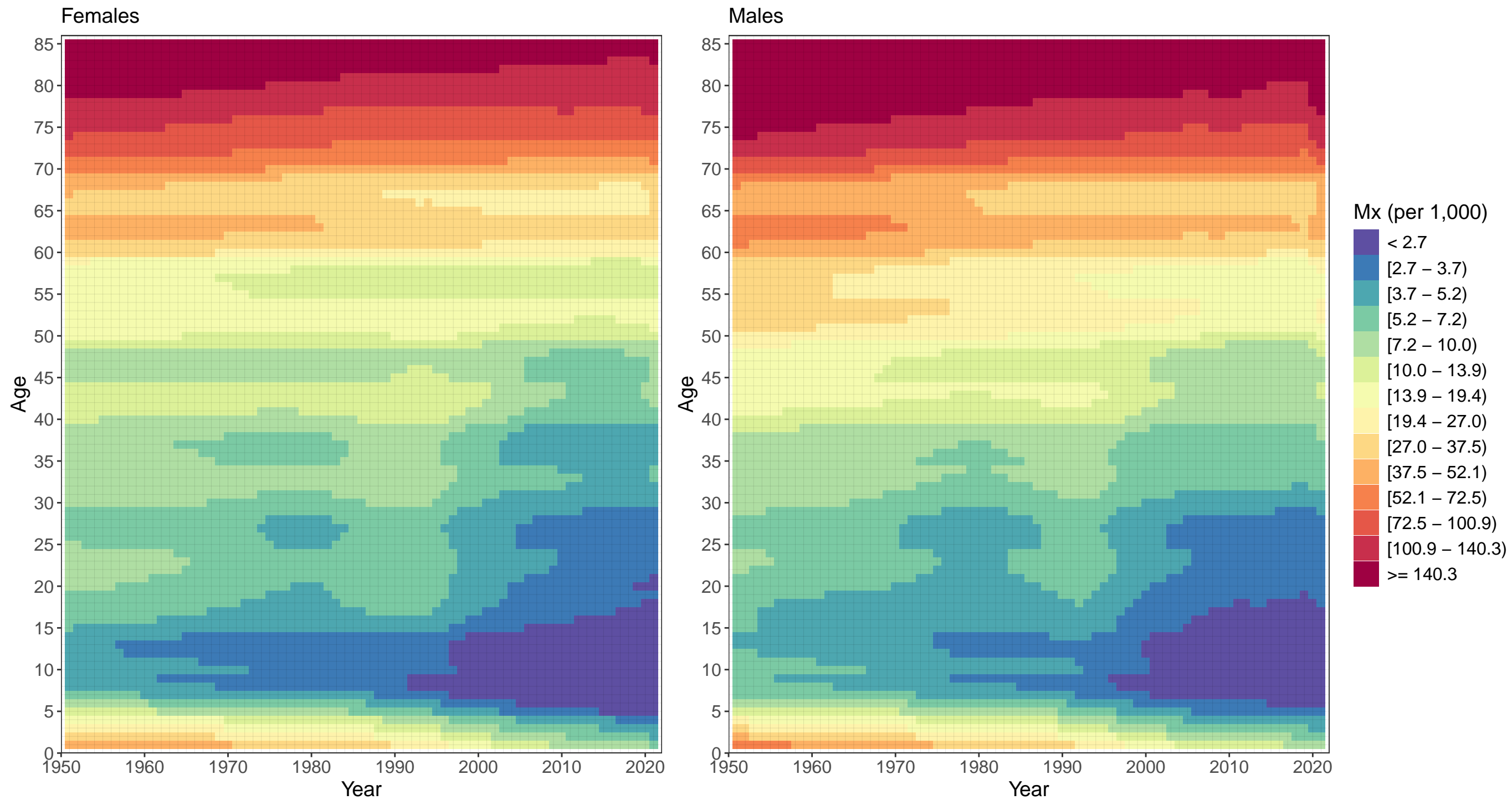
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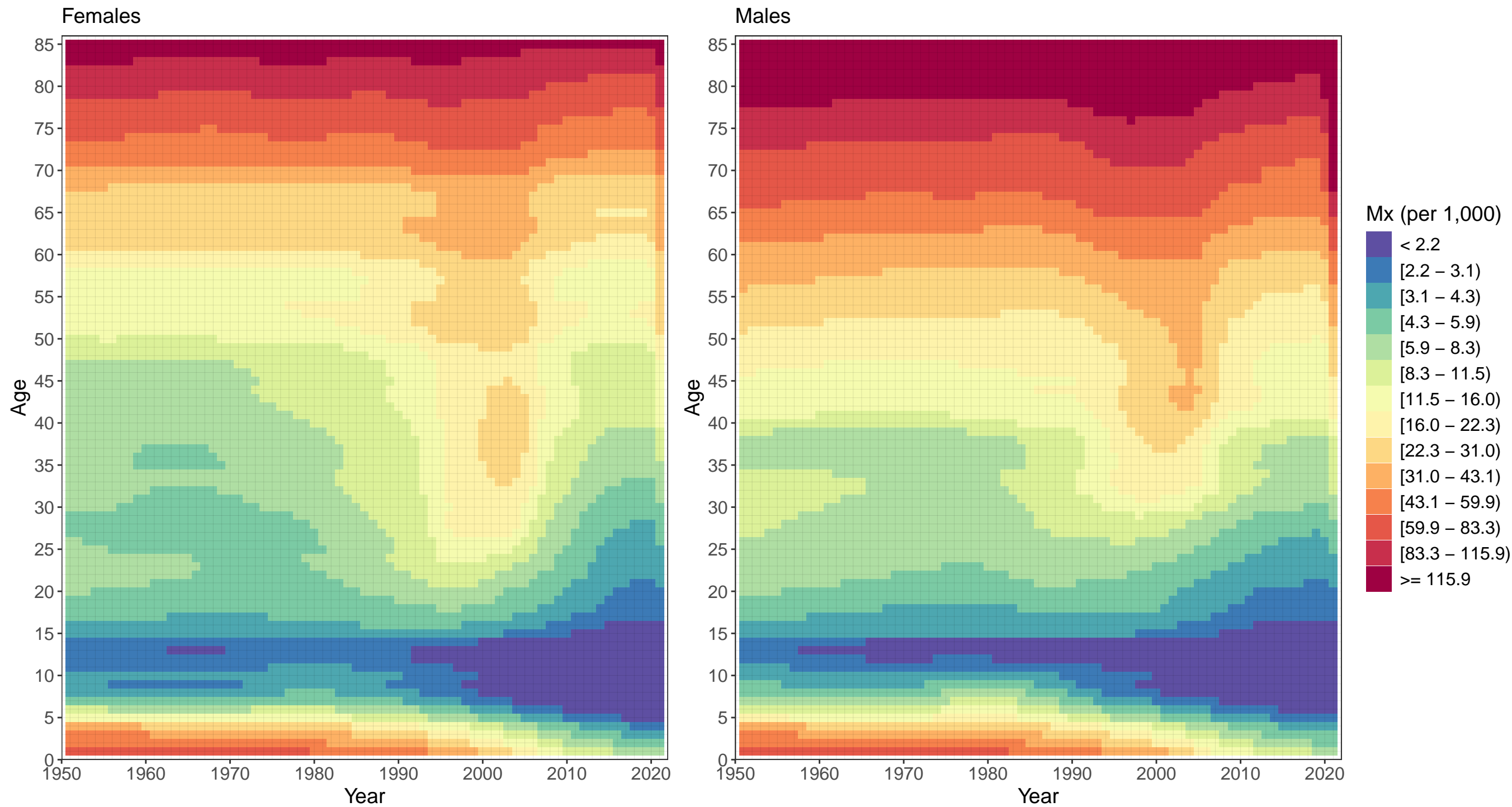
Males



Appendix 2 Figure S4: Madagascar mortality rates, 1950–2023

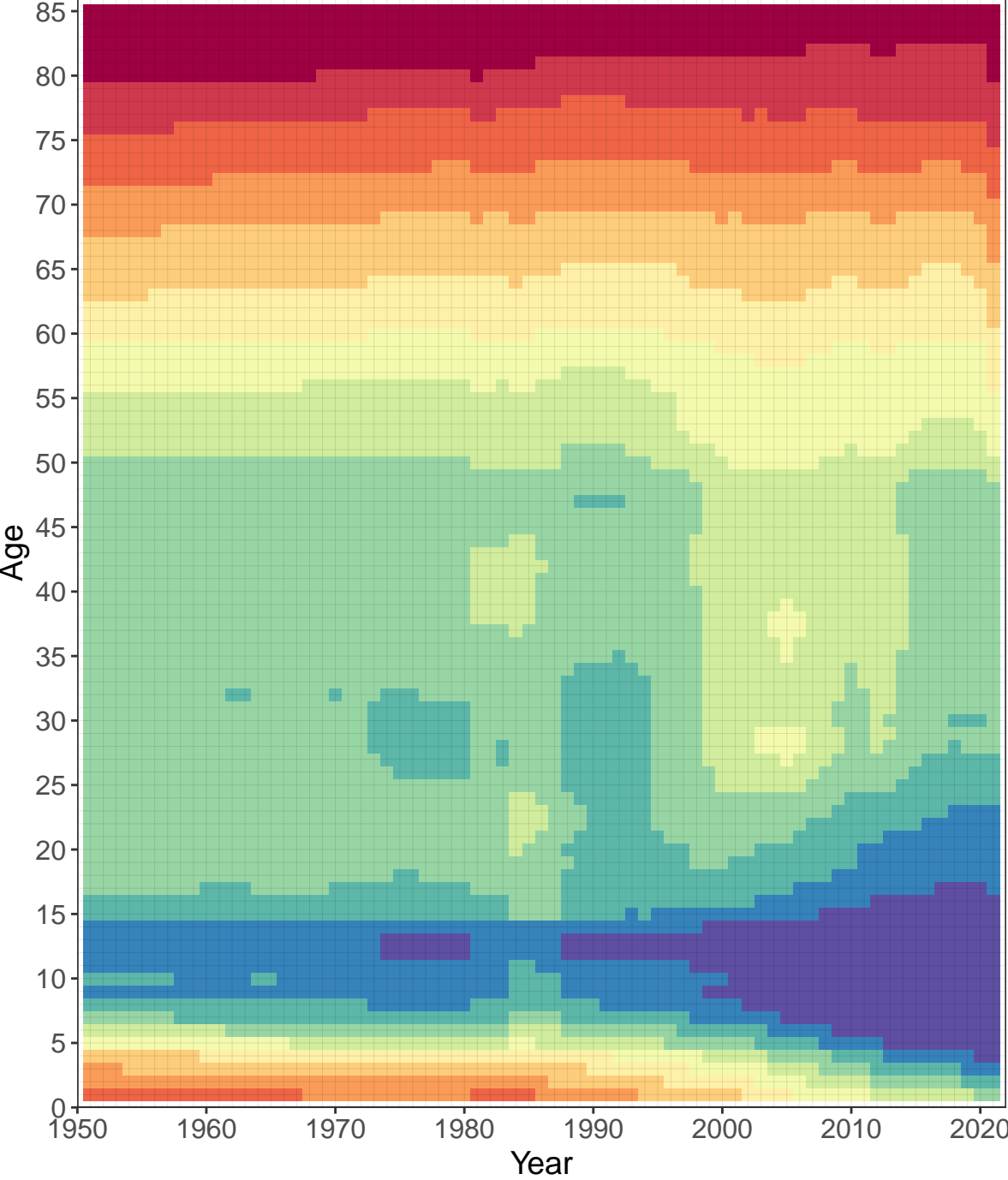


Appendix 2 Figure S4: Malawi mortality rates, 1950–2023

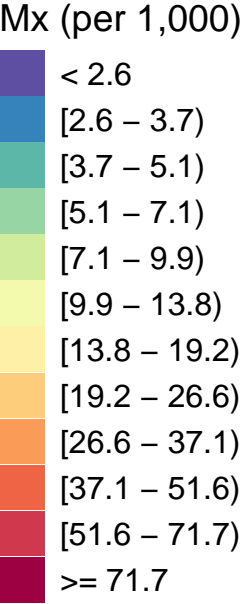
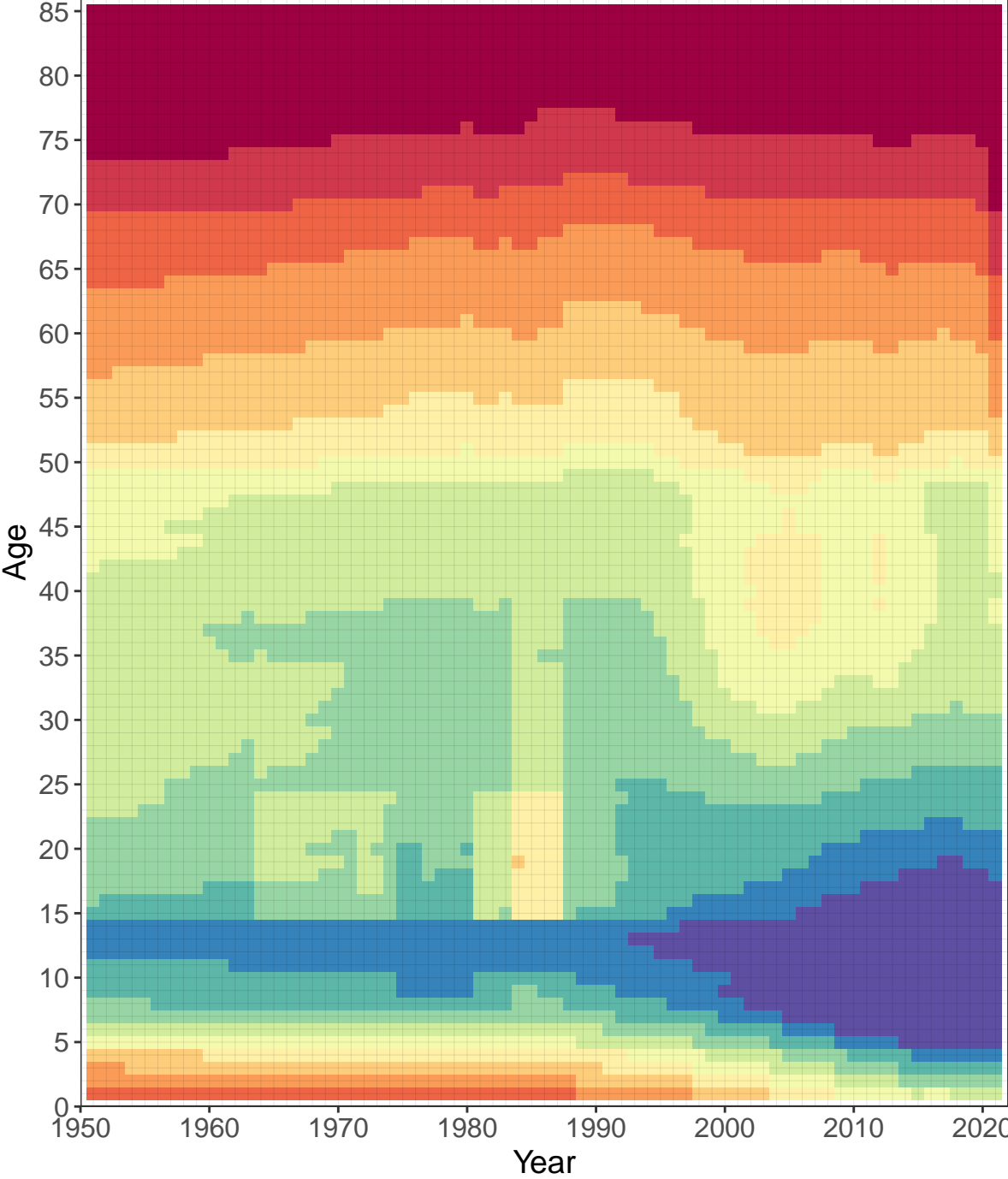


Appendix 2 Figure S4: Mozambique mortality rates, 1950–2023

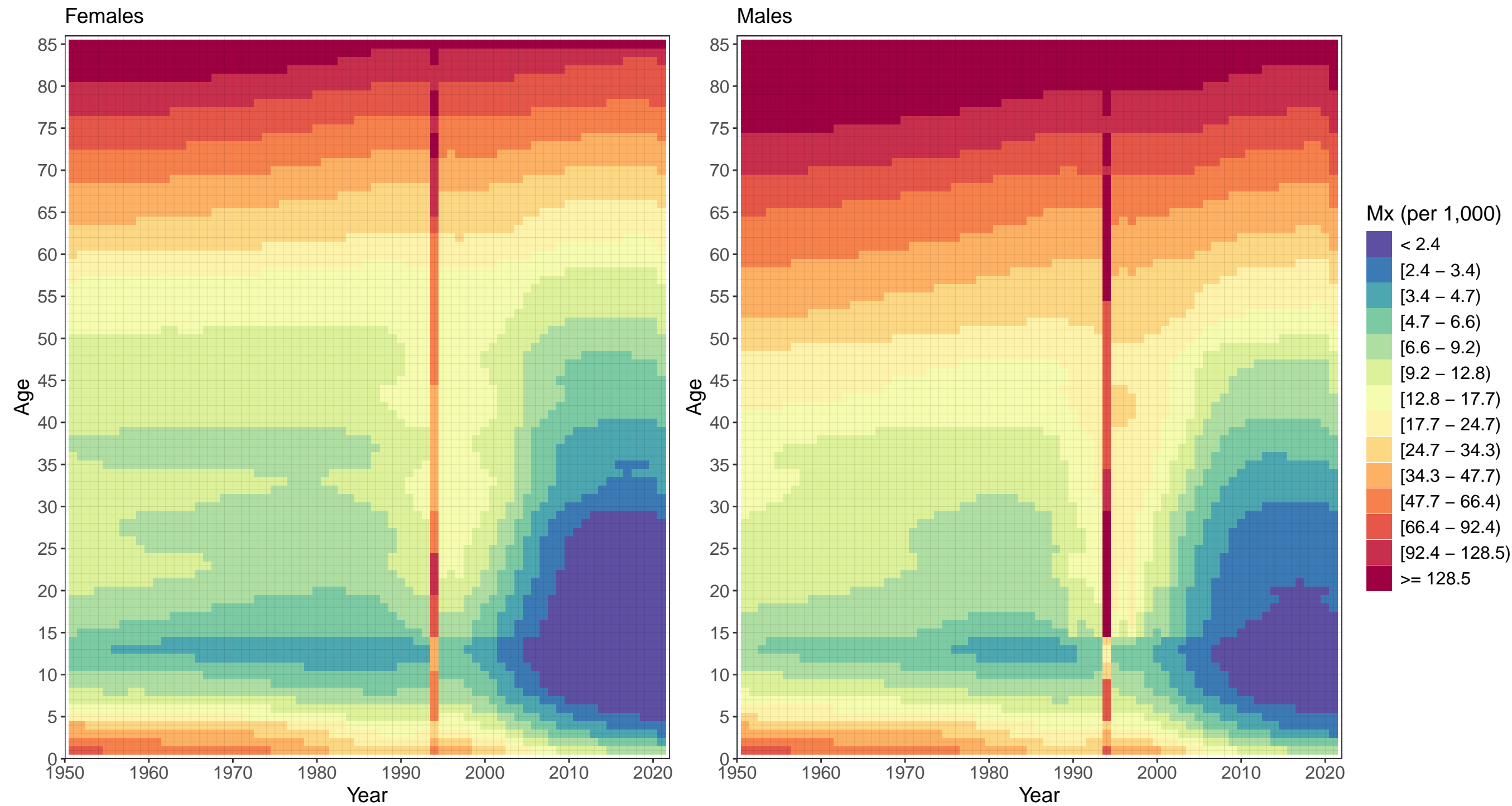
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Males

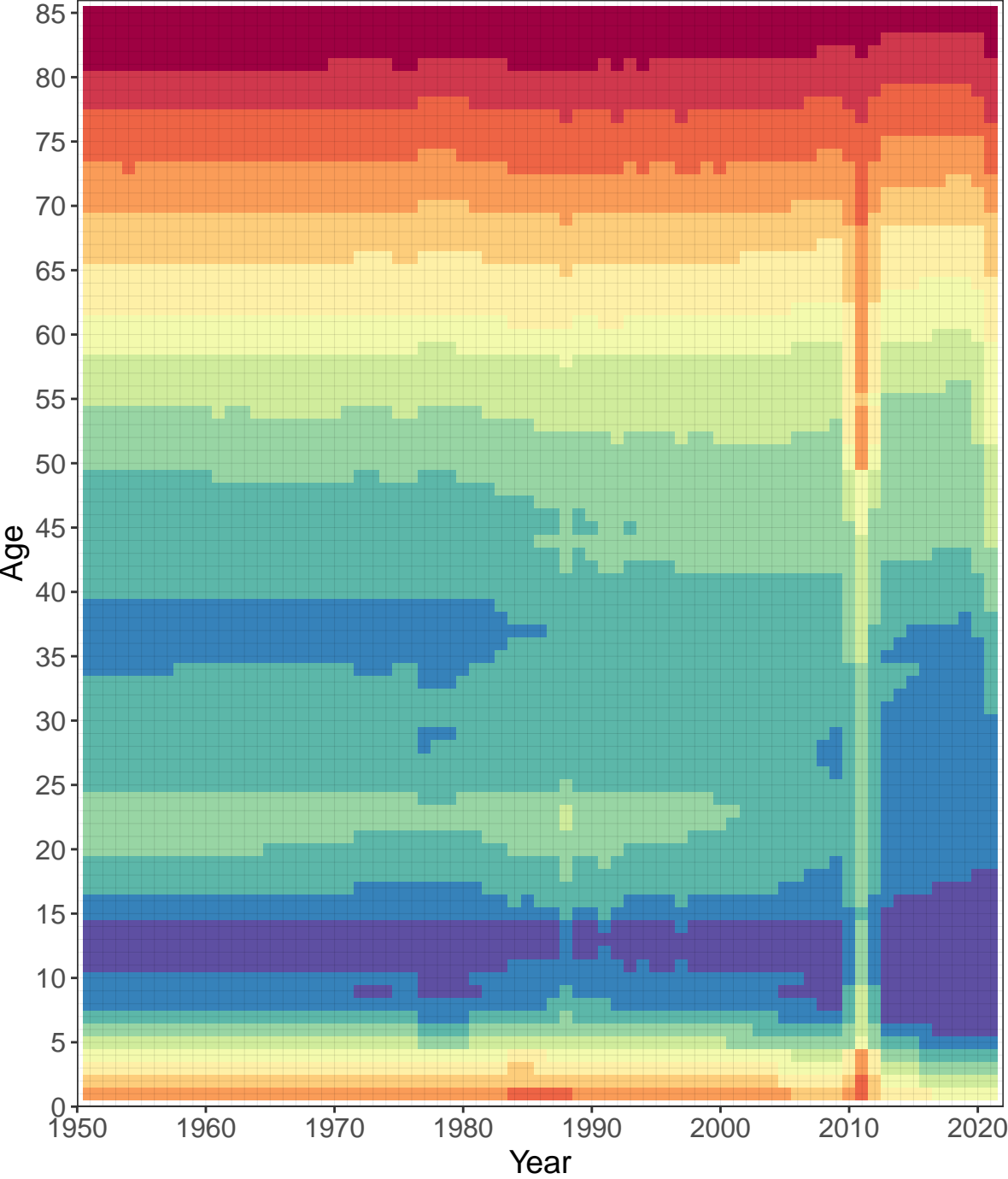


Appendix 2 Figure S4: Rwanda mortality rates, 1950–2023

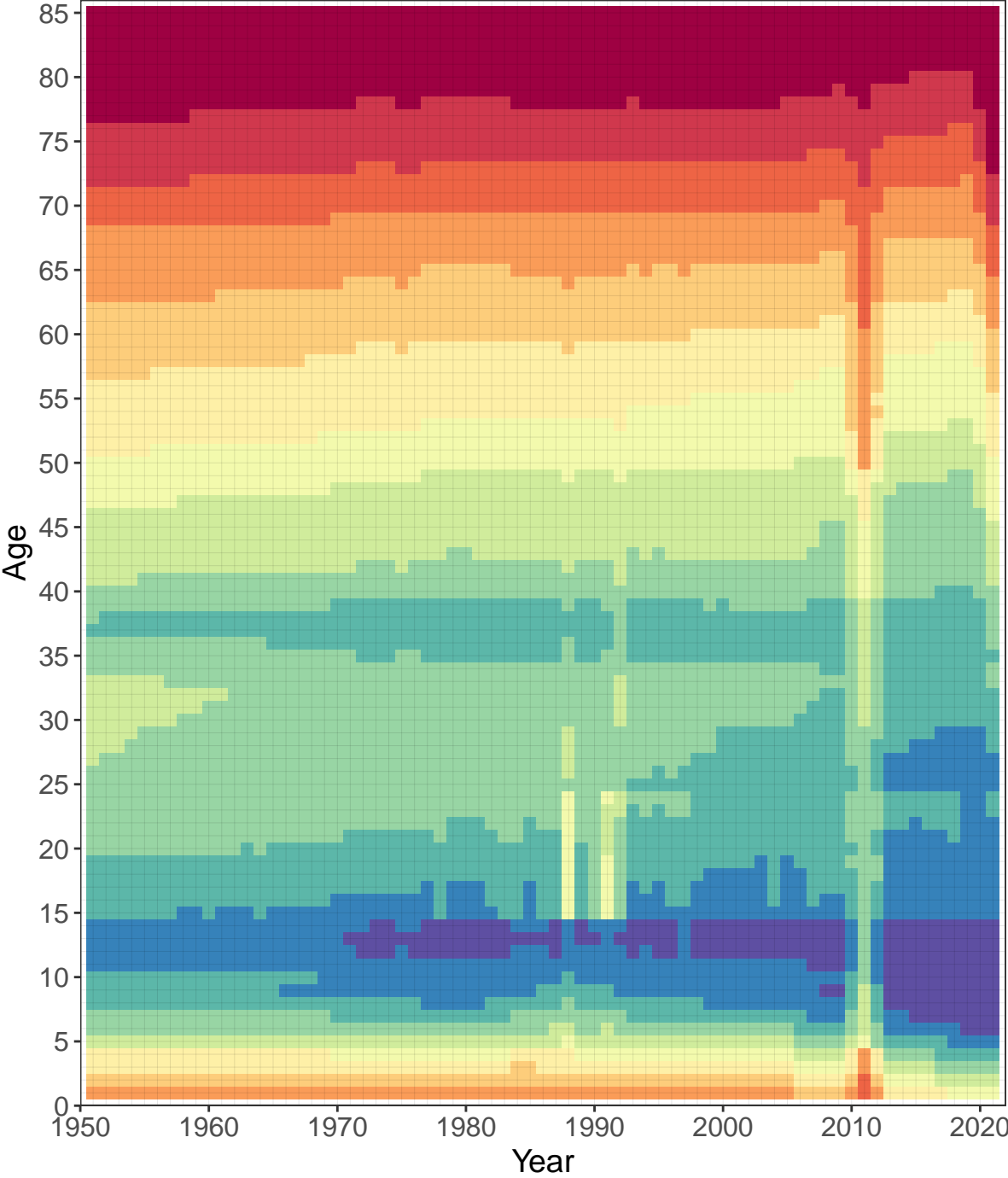


Appendix 2 Figure S4: Somalia mortality rates, 1950–2023

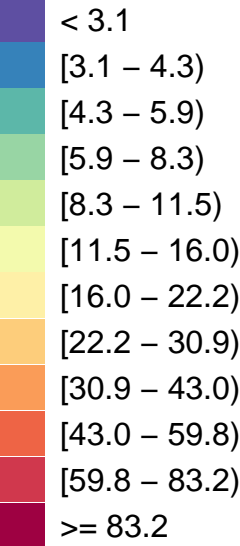
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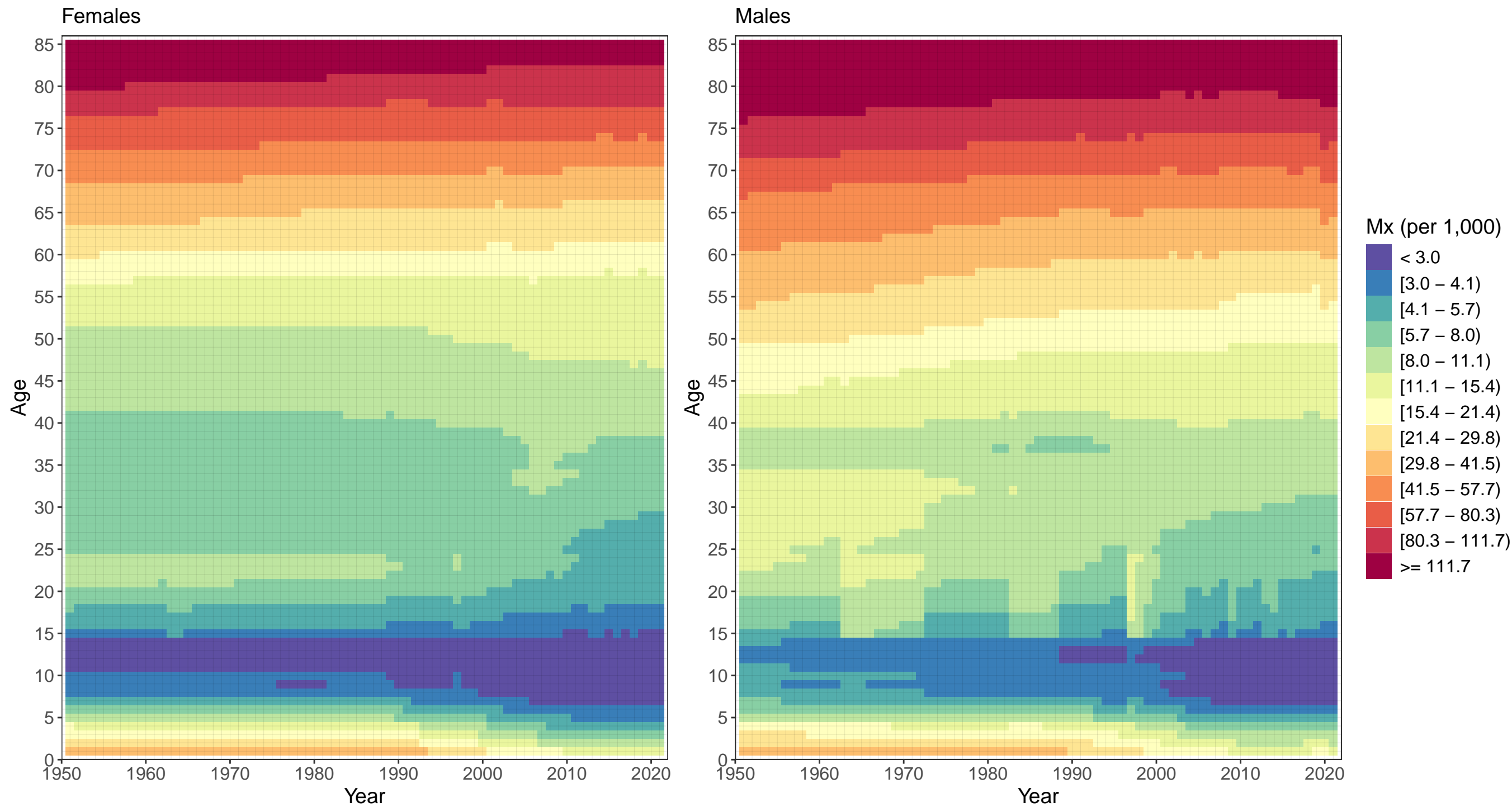
Males



Mx (per 1,000)

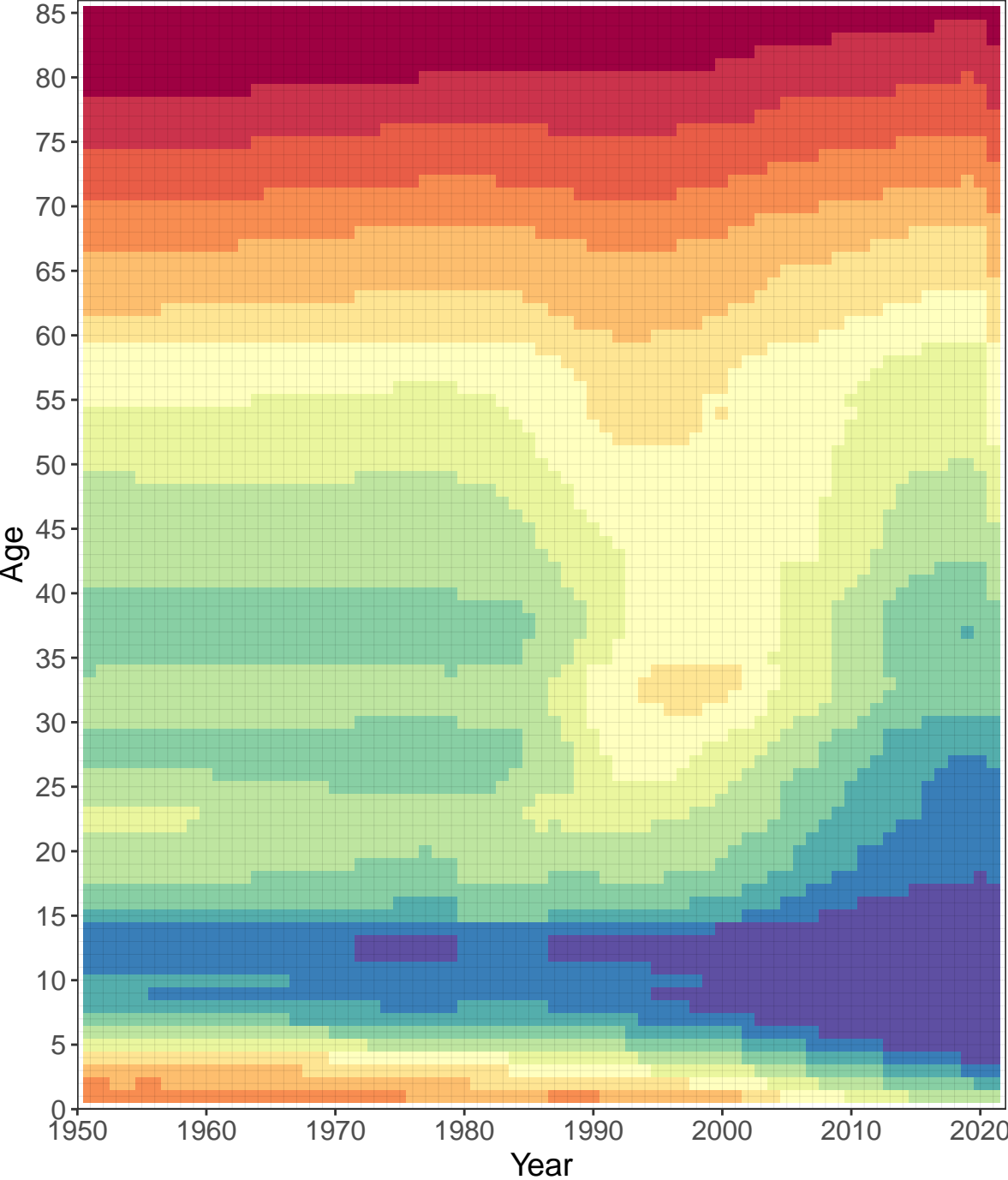


Appendix 2 Figure S4: South Sudan mortality rates, 1950–2023

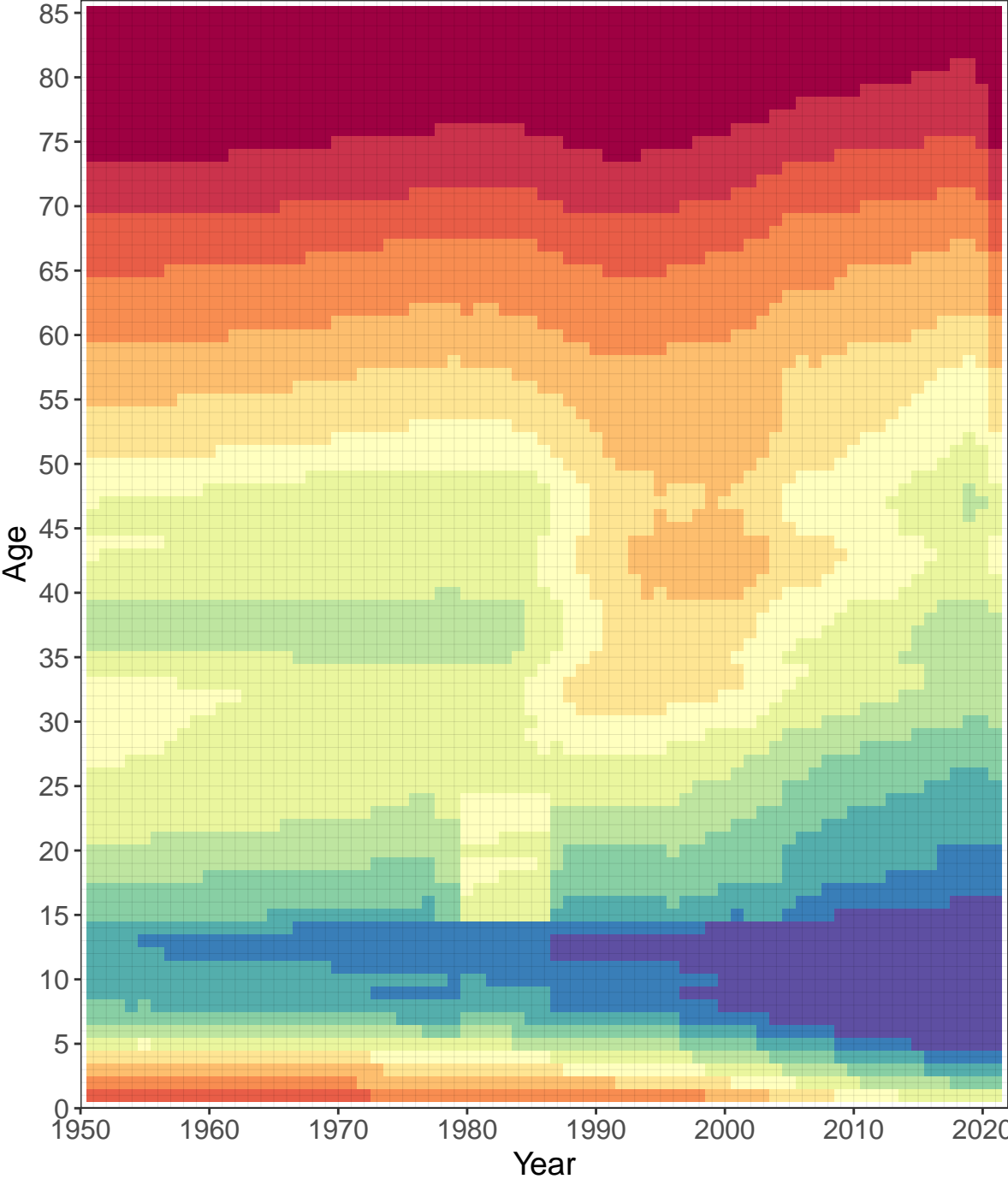


Appendix 2 Figure S4: Uganda mortality rates, 1950–2023

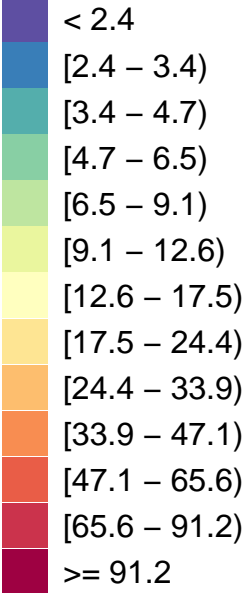
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Males

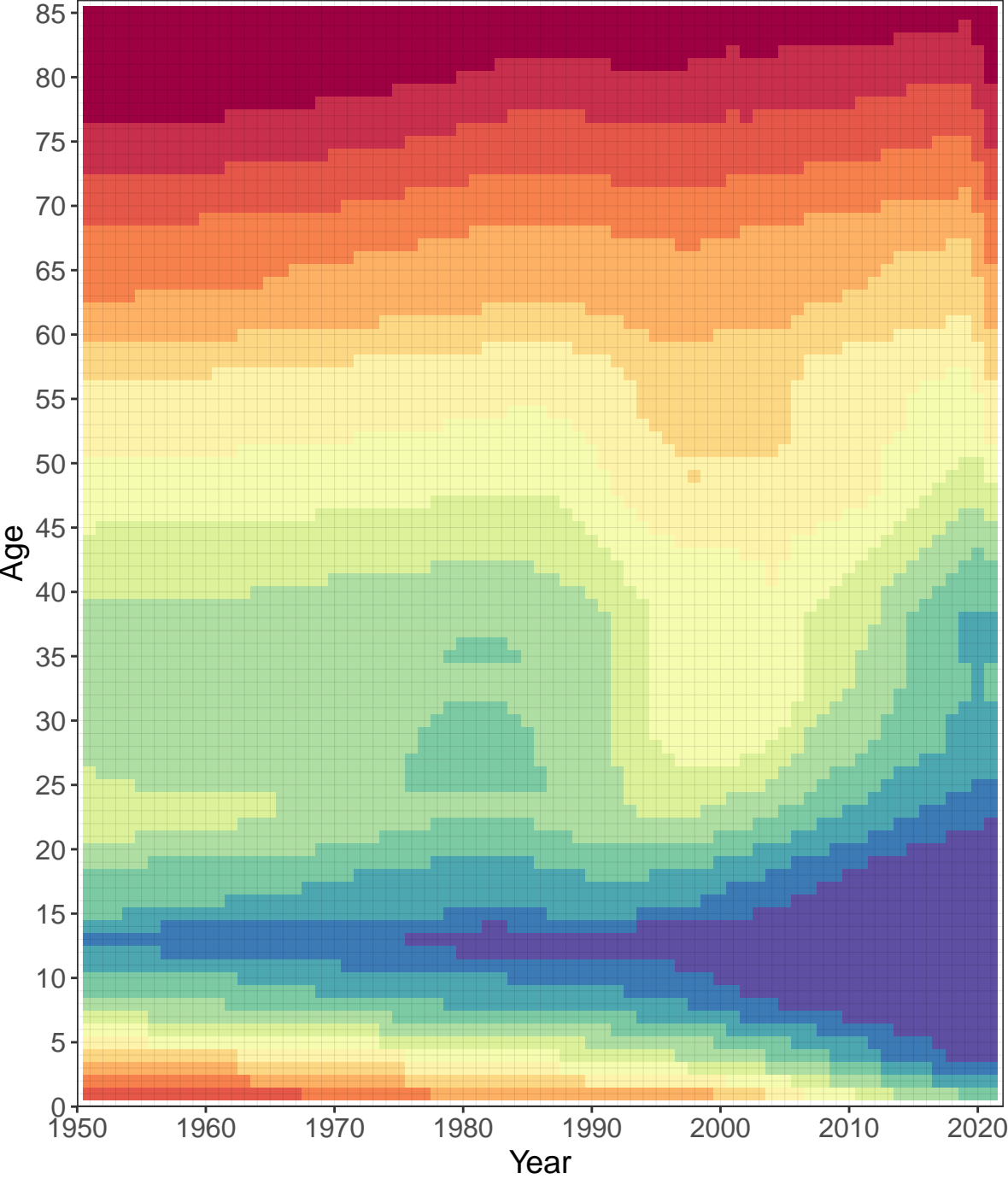


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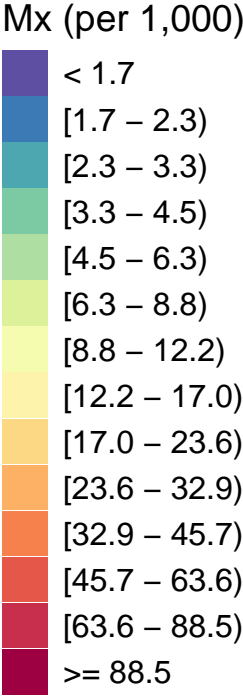
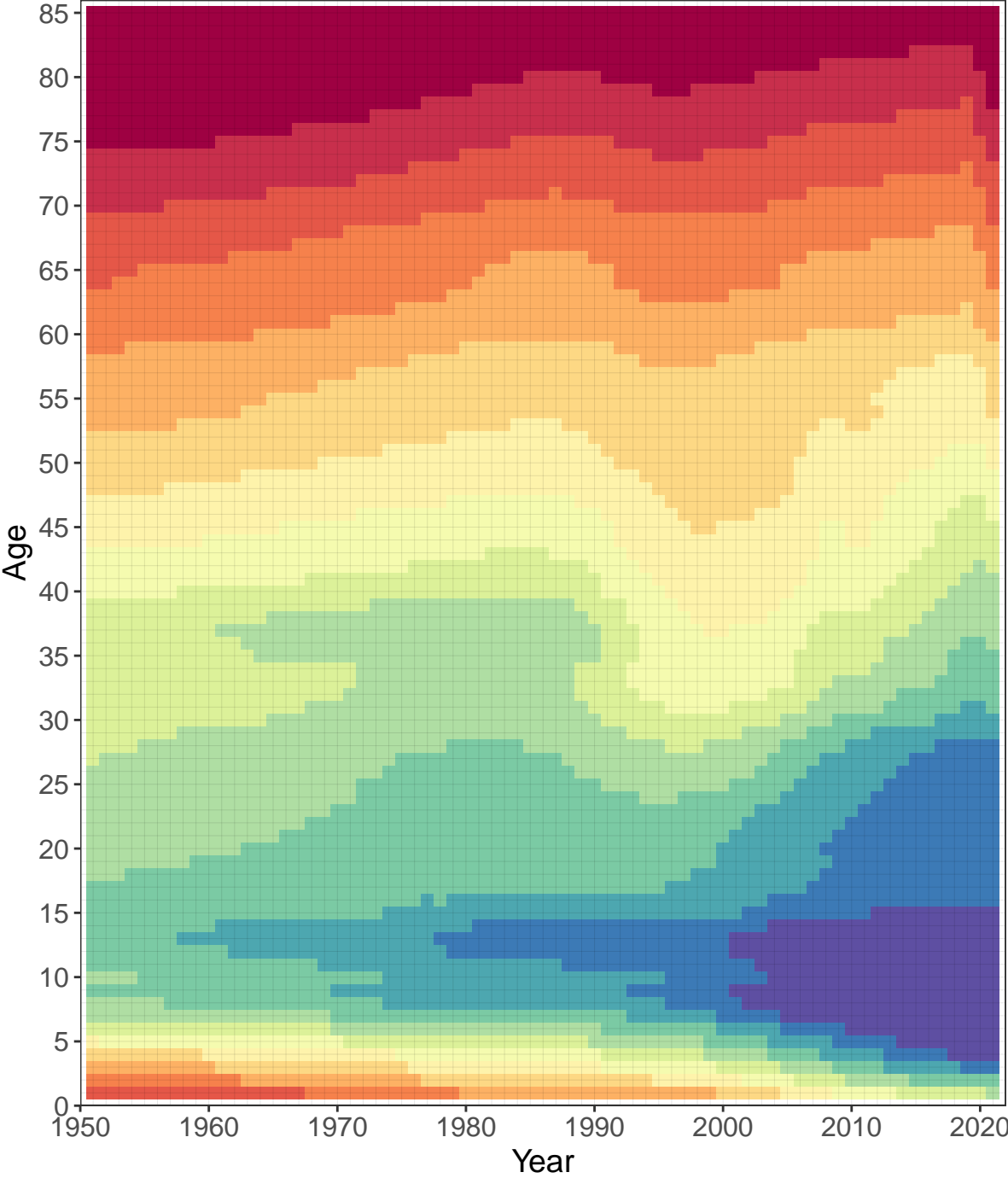


Appendix 2 Figure S4: Tanzania mortality rates, 1950–2023

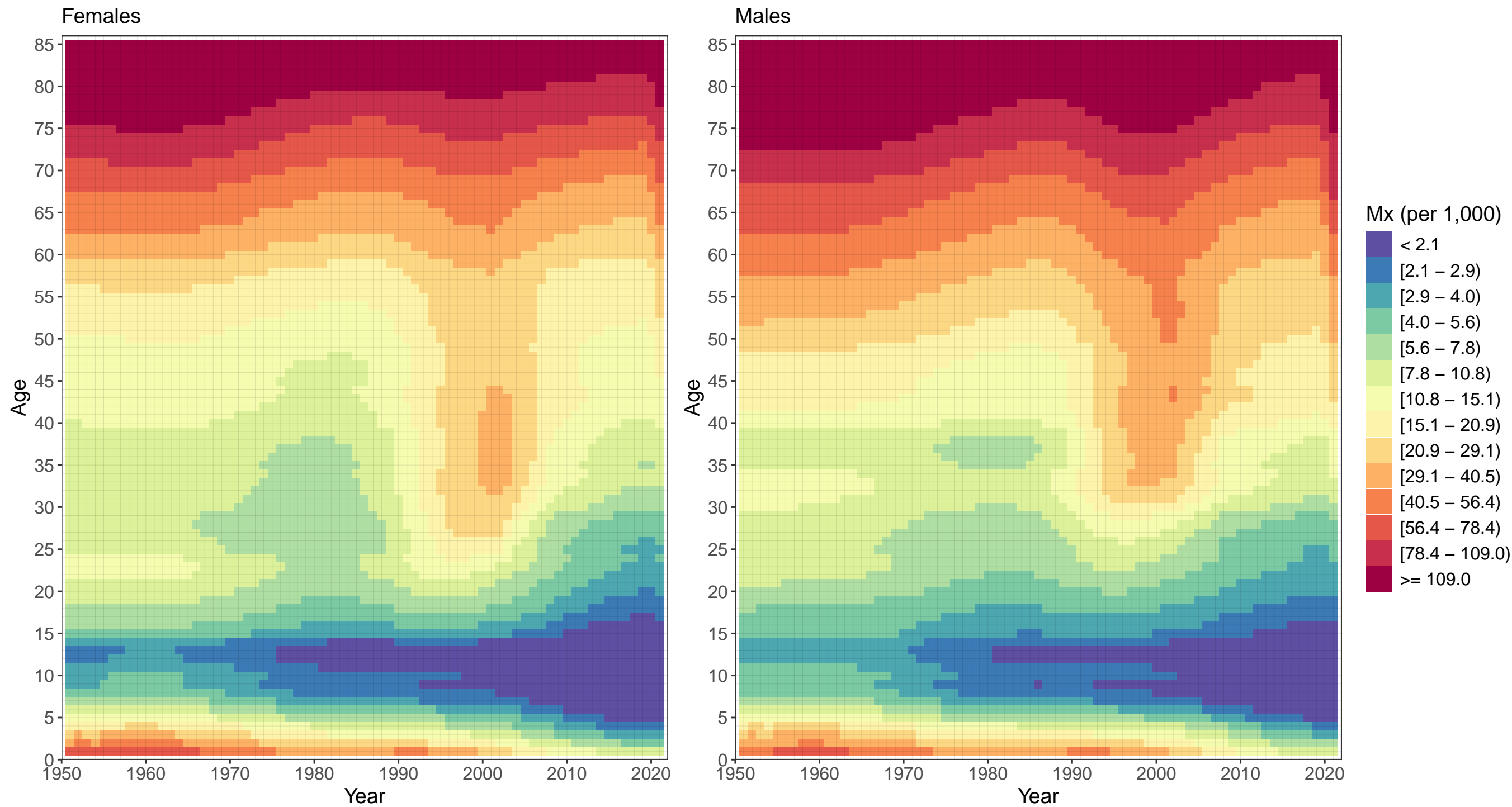
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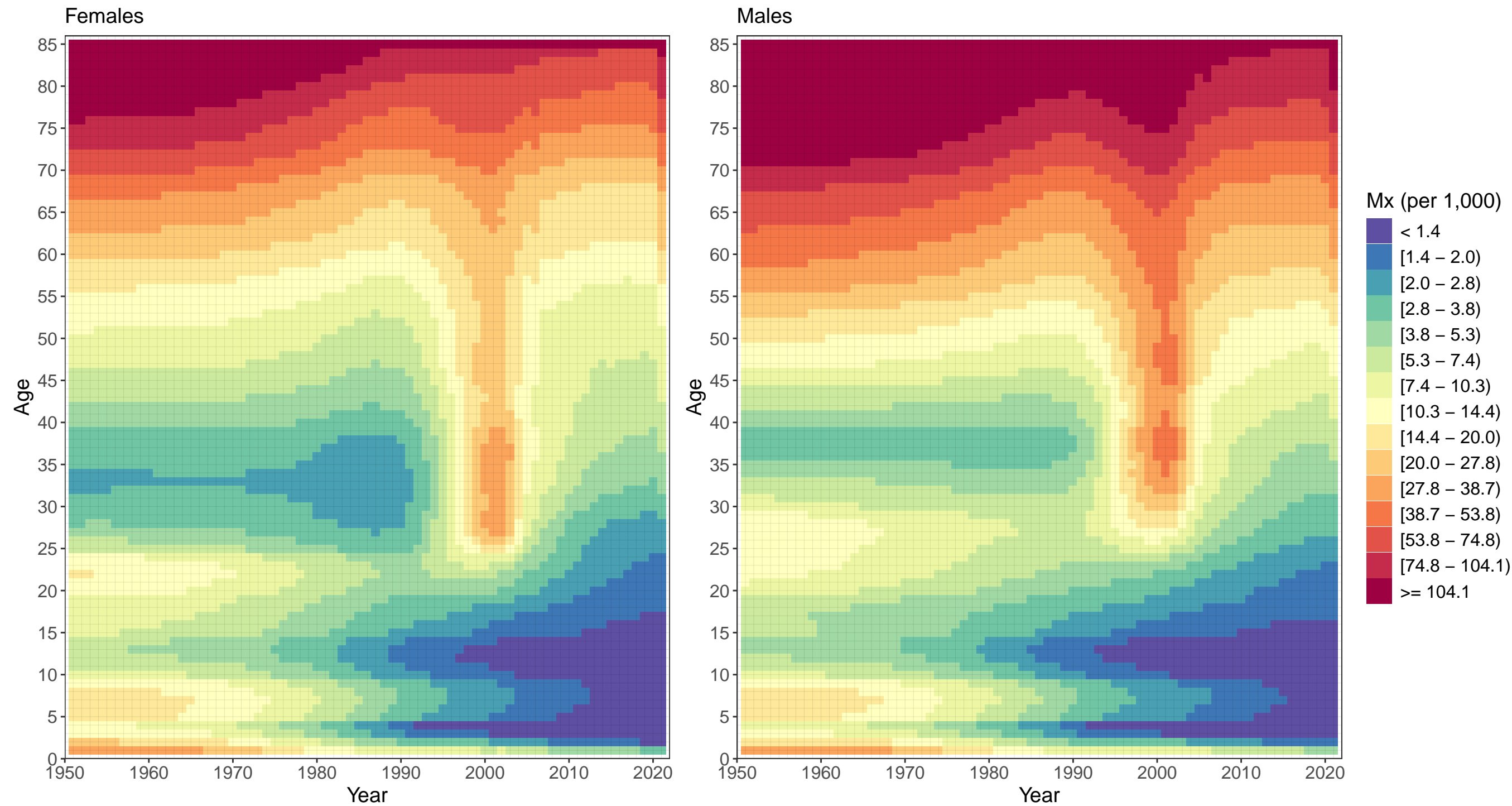
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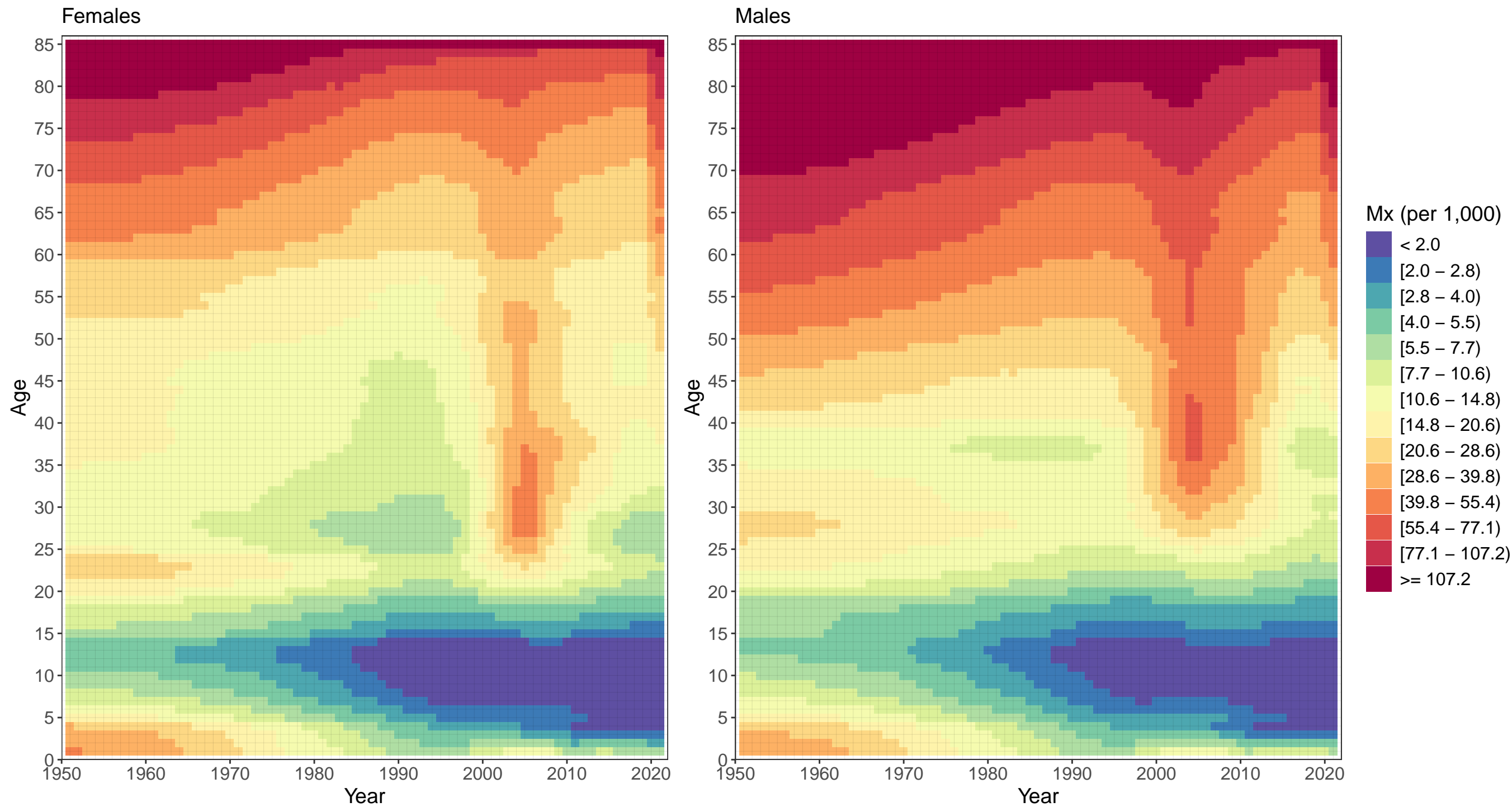
Appendix 2 Figure S4: Zambia mortality rates, 1950–2023



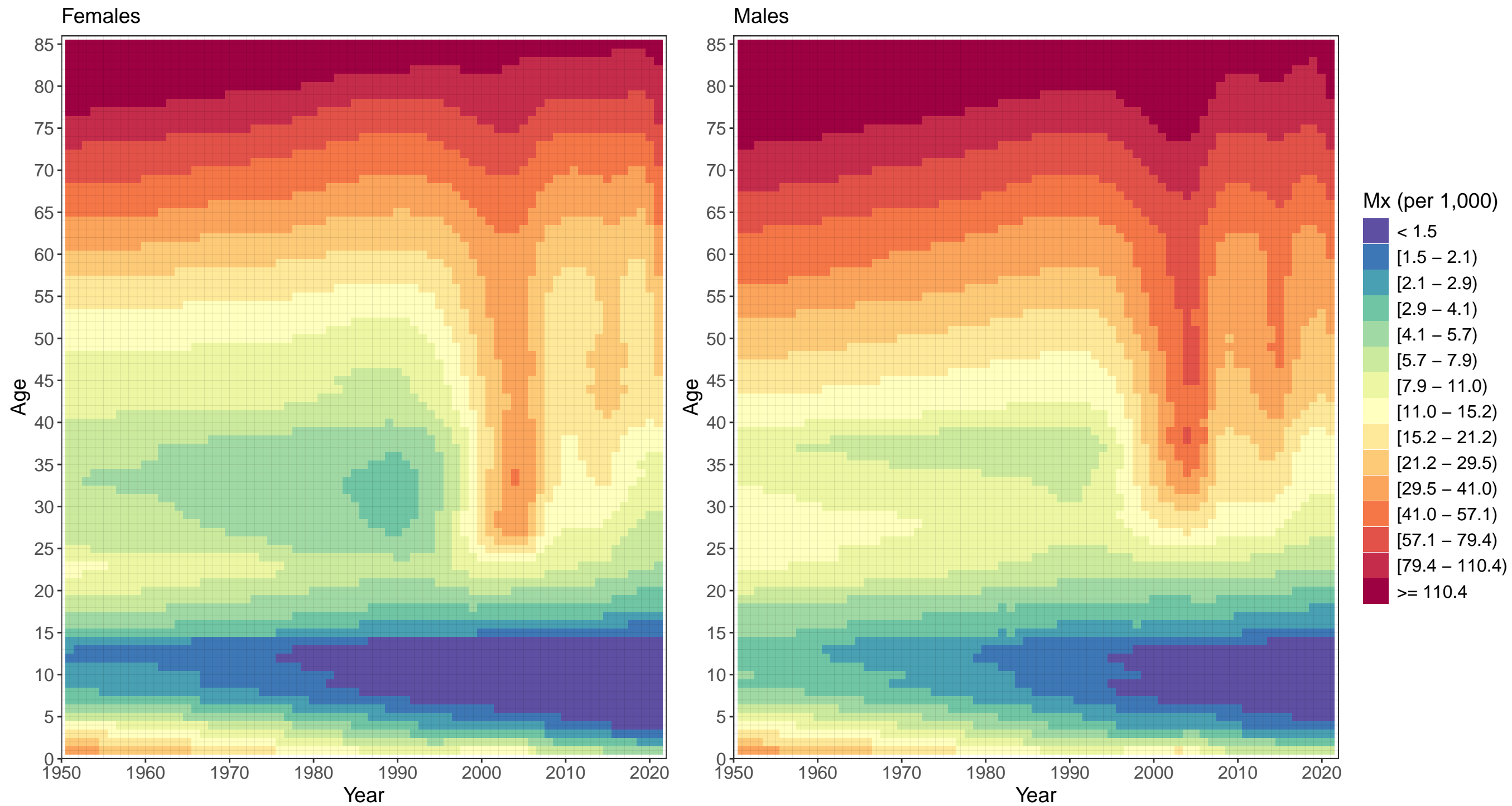
Appendix 2 Figure S4: Botswana mortality rates, 1950–2023



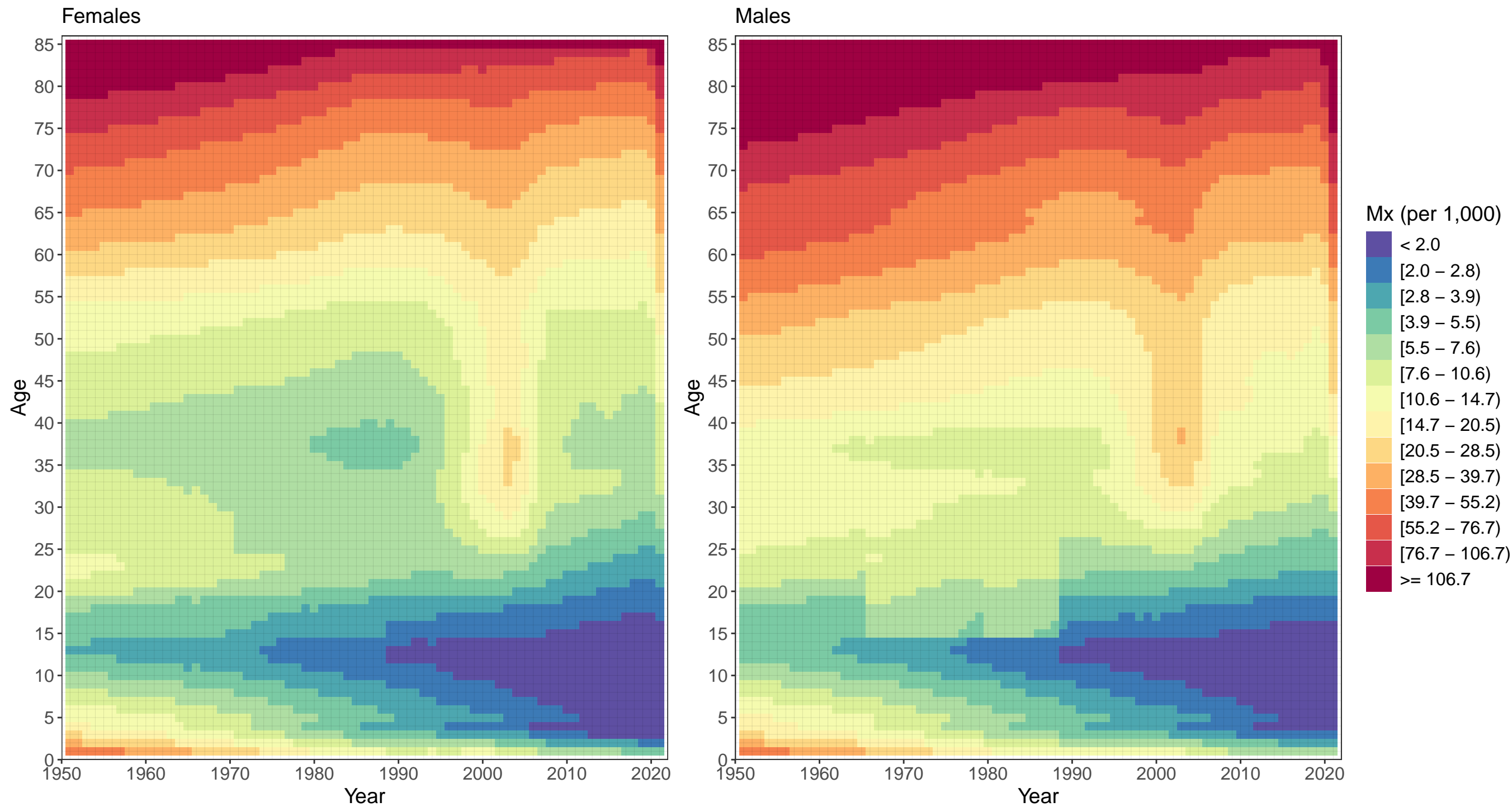
Appendix 2 Figure S4: Eswatini mortality rates, 1950–2023



Appendix 2 Figure S4: Lesotho mortality rates, 1950–2023

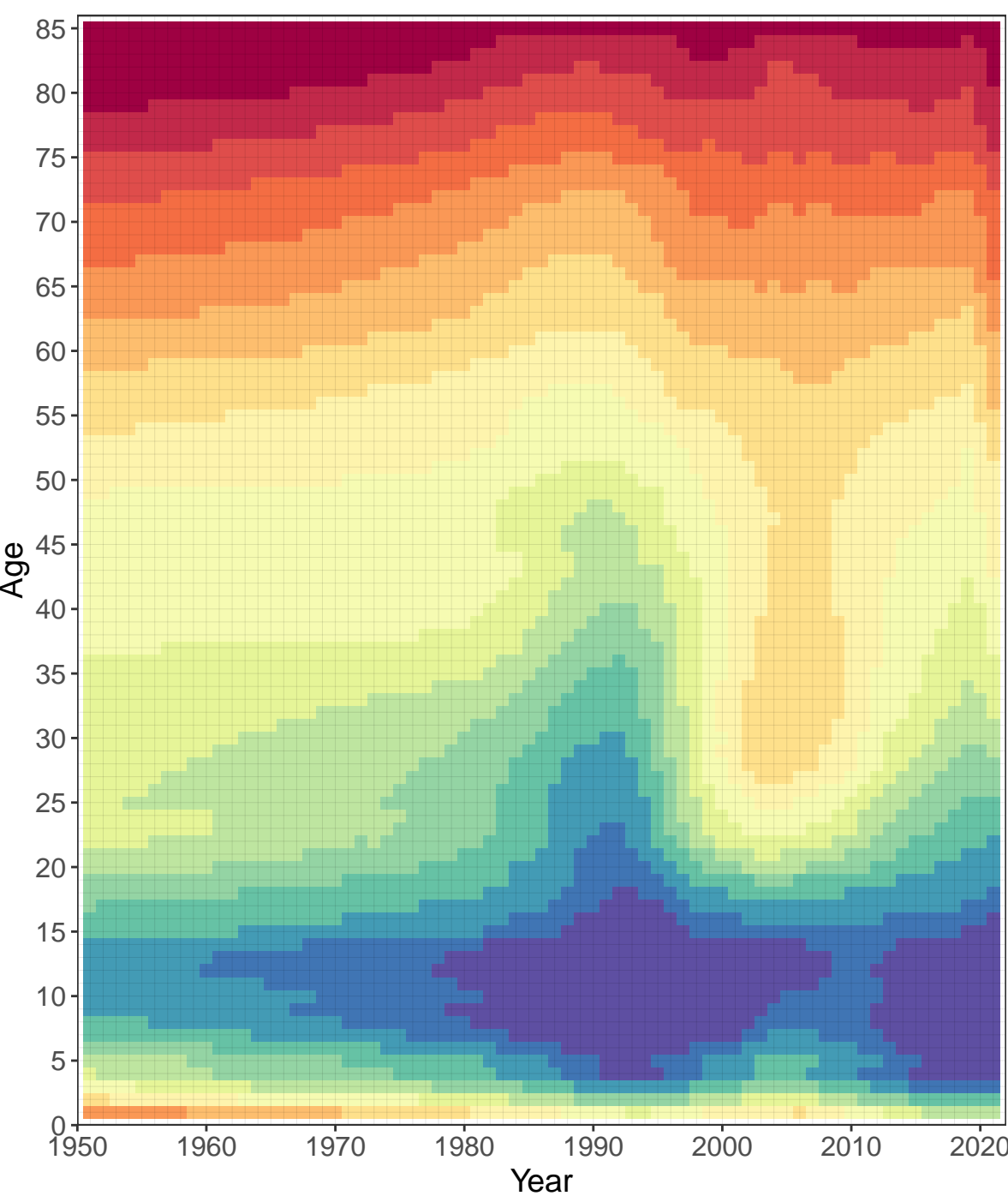


Appendix 2 Figure S4: Namibia mortality rates, 1950–2023

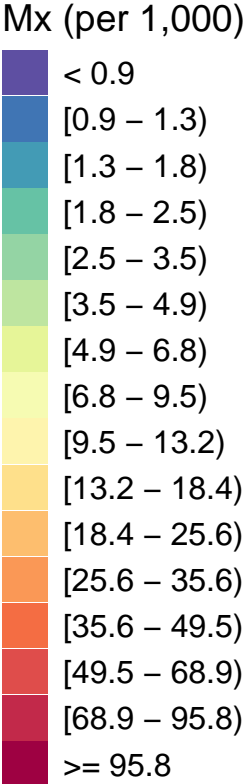
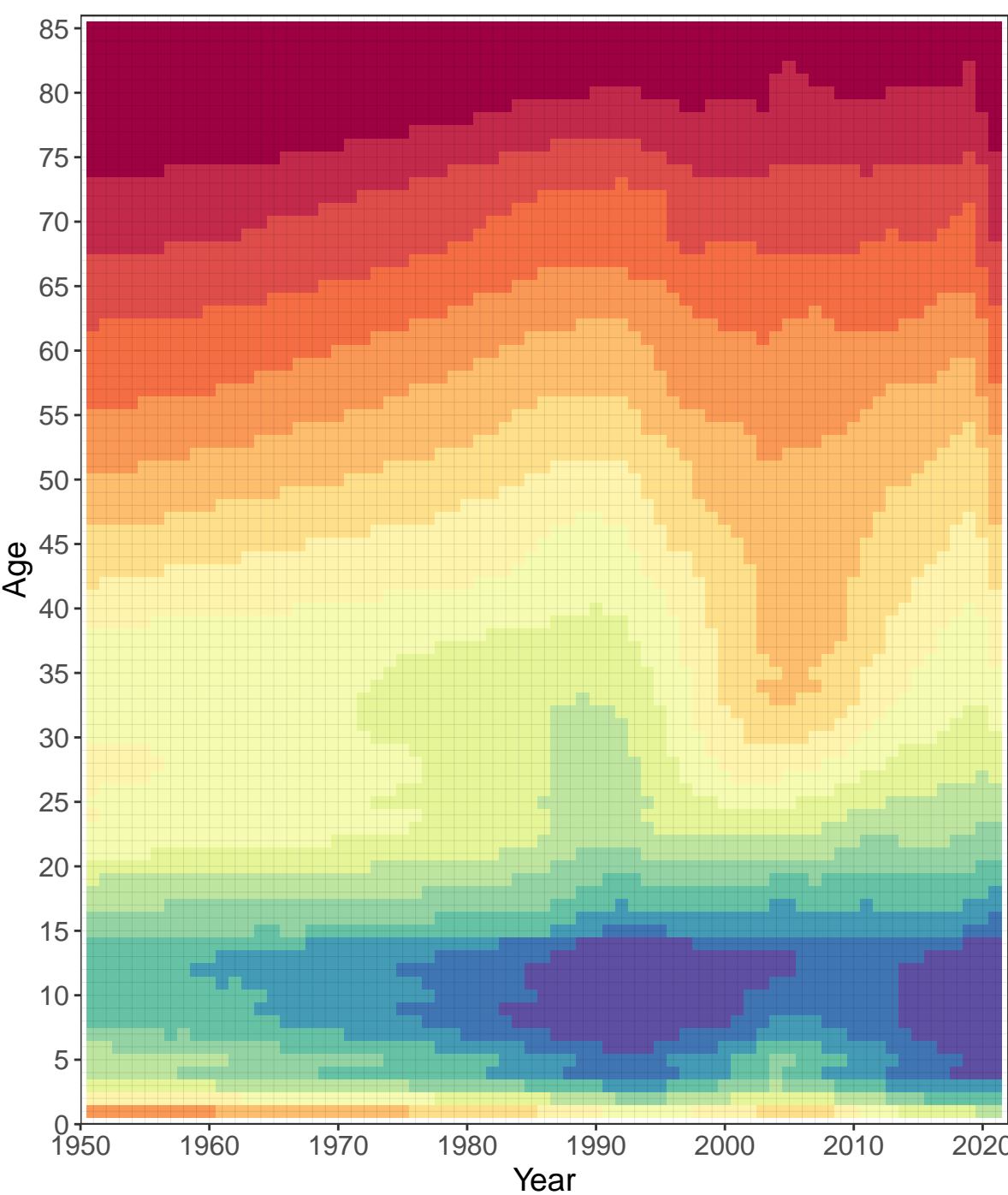


Appendix 2 Figure S4: South Africa mortality rates, 1950–2023

Females

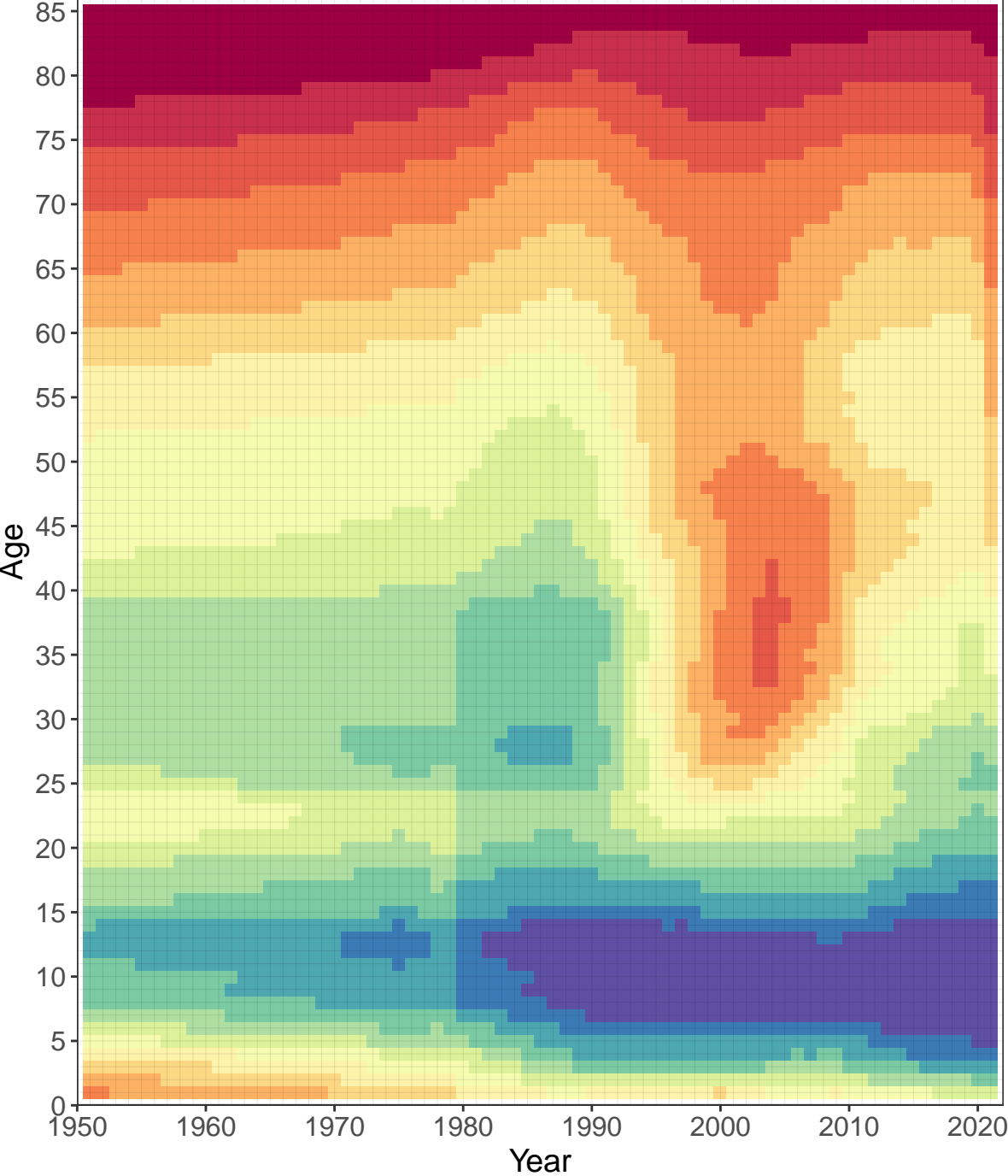


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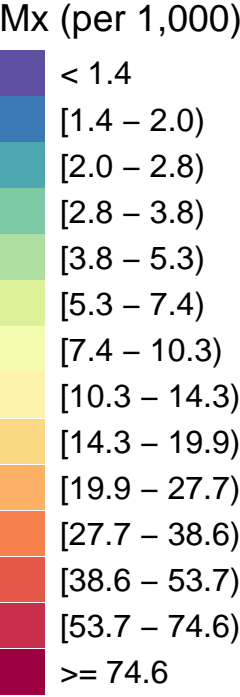
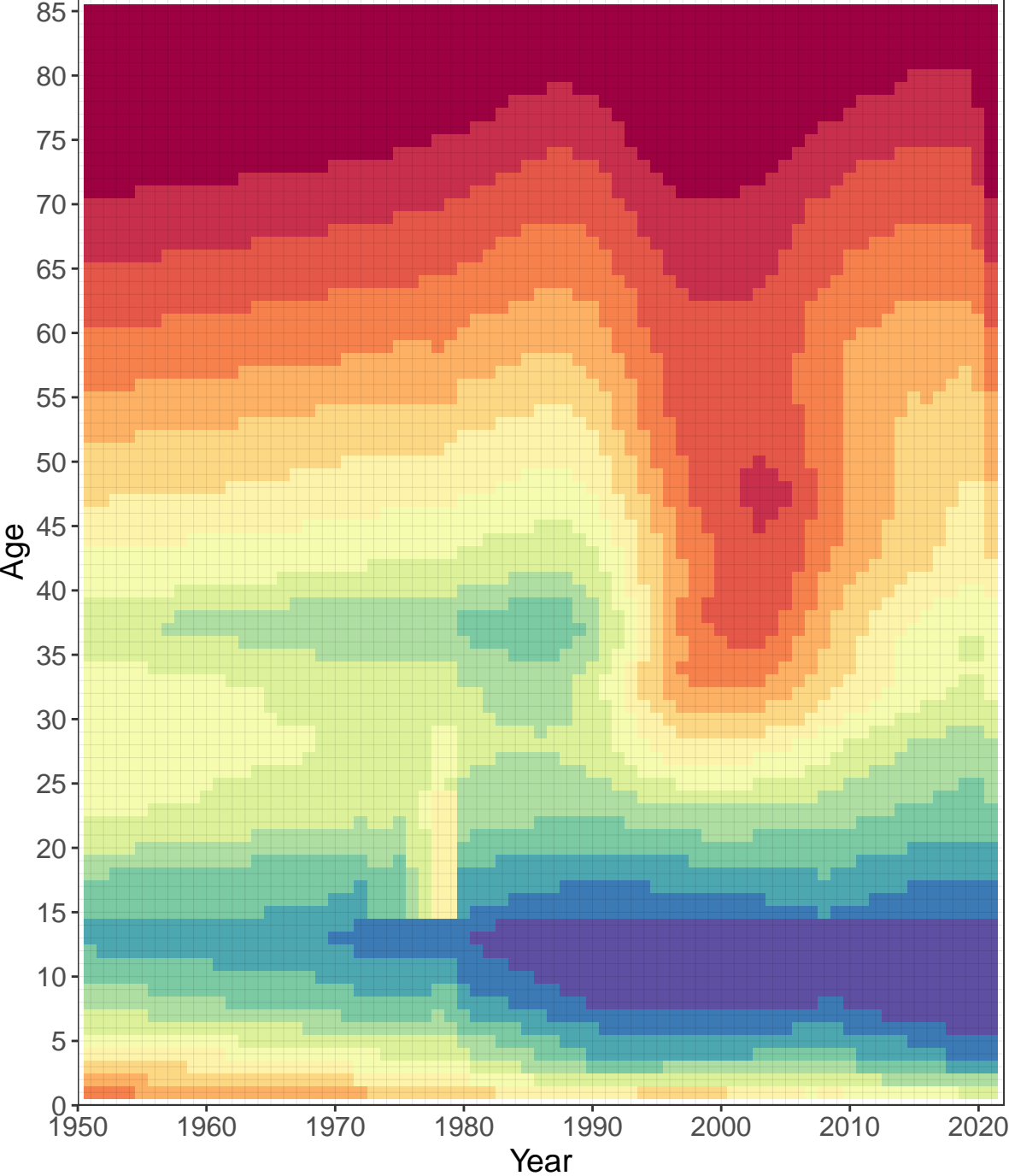


Appendix 2 Figure S4: Zimbabwe mortality rates, 1950–2023

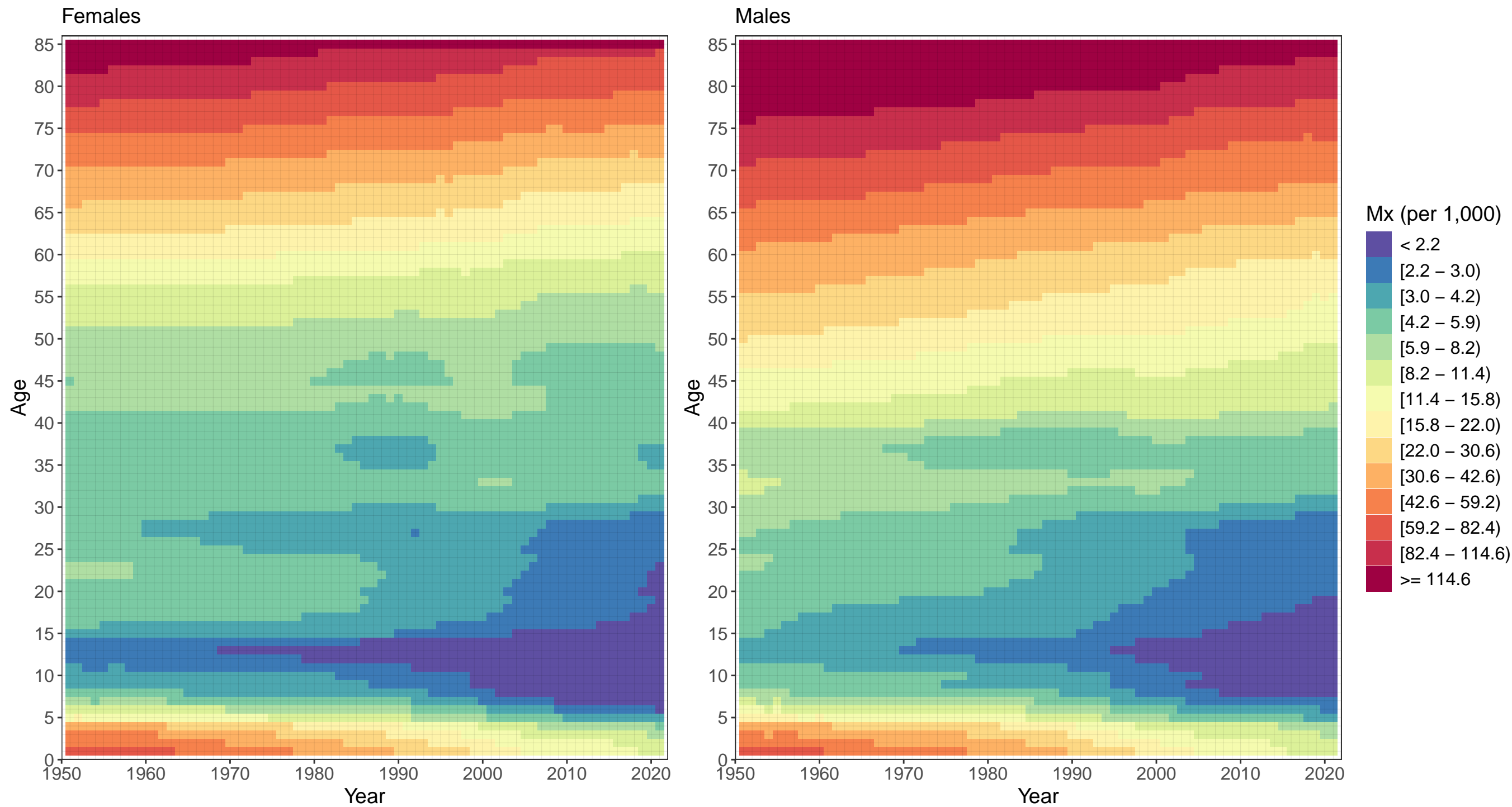
Females



Males

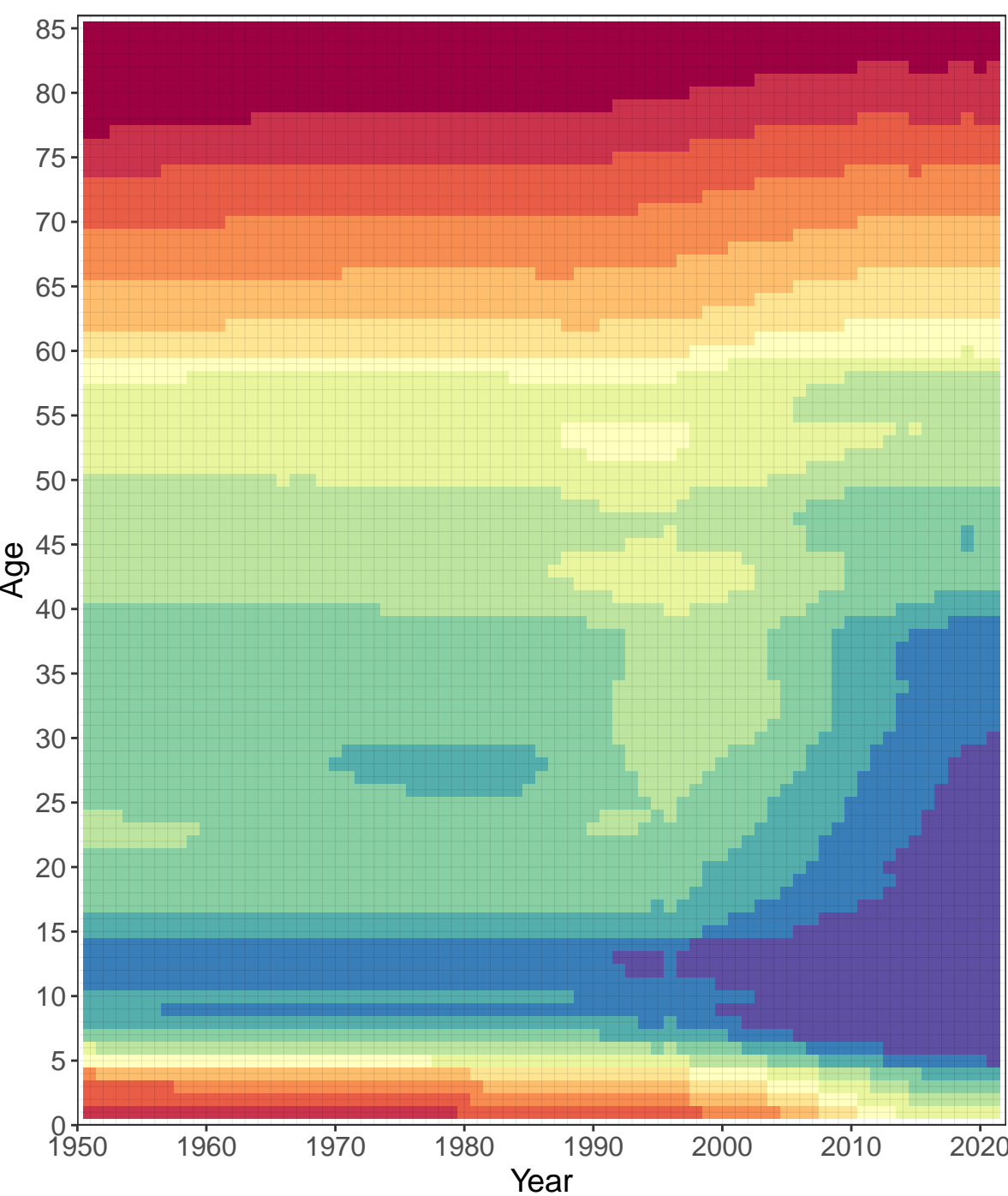


Appendix 2 Figure S4: Benin mortality rates, 1950–2023

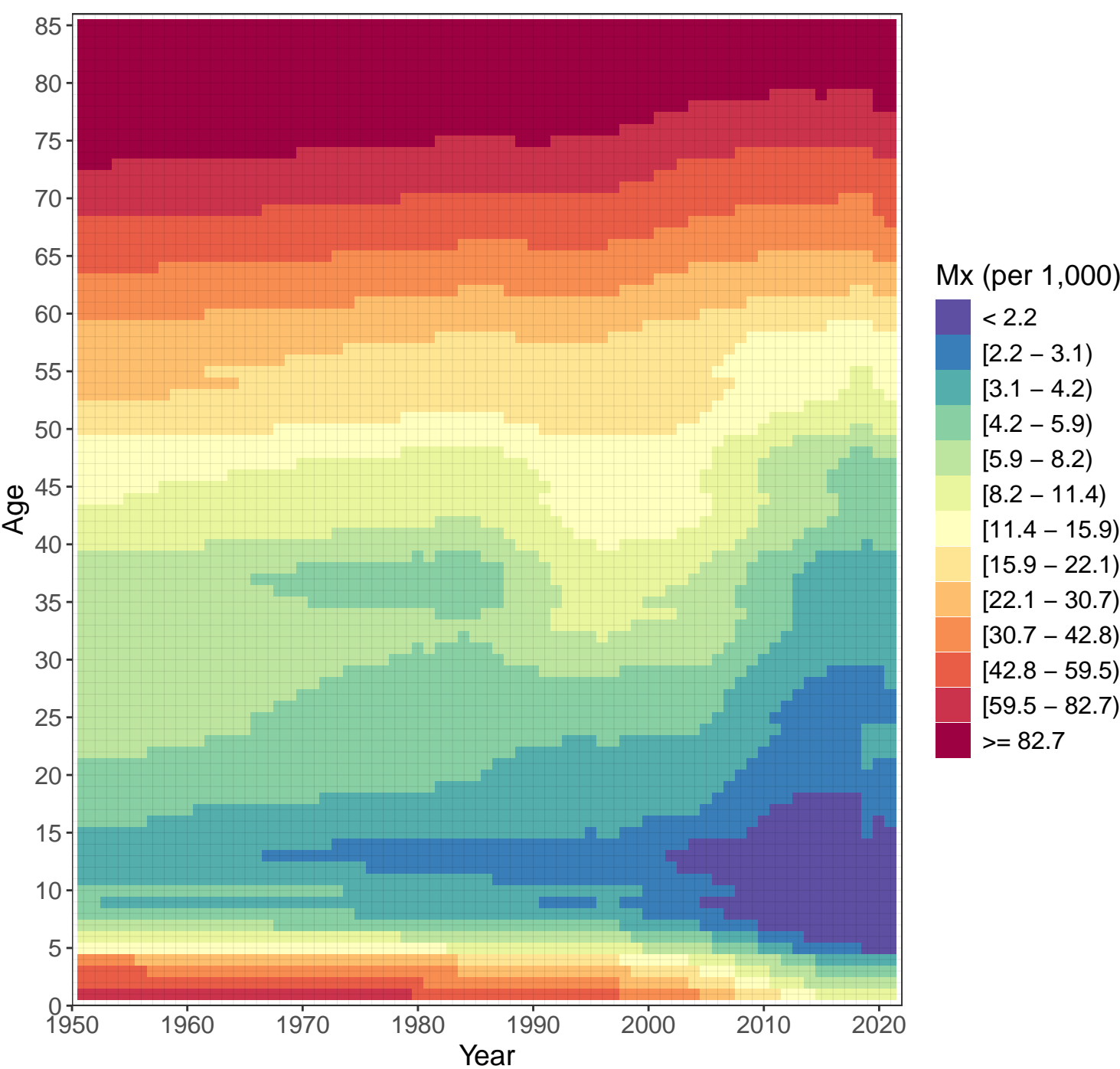


Appendix 2 Figure S4: Burkina Faso mortality rates, 1950–2023

Females

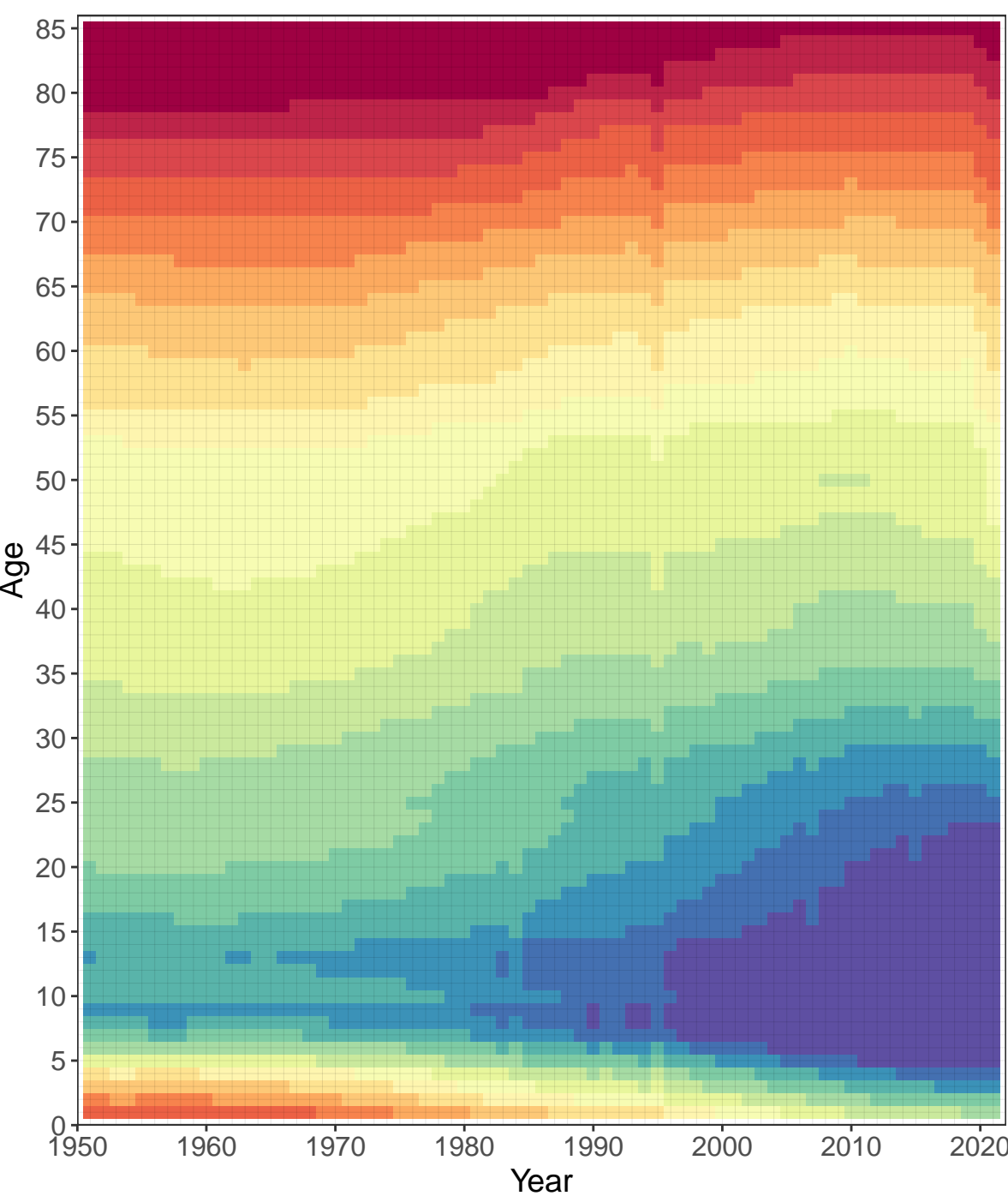


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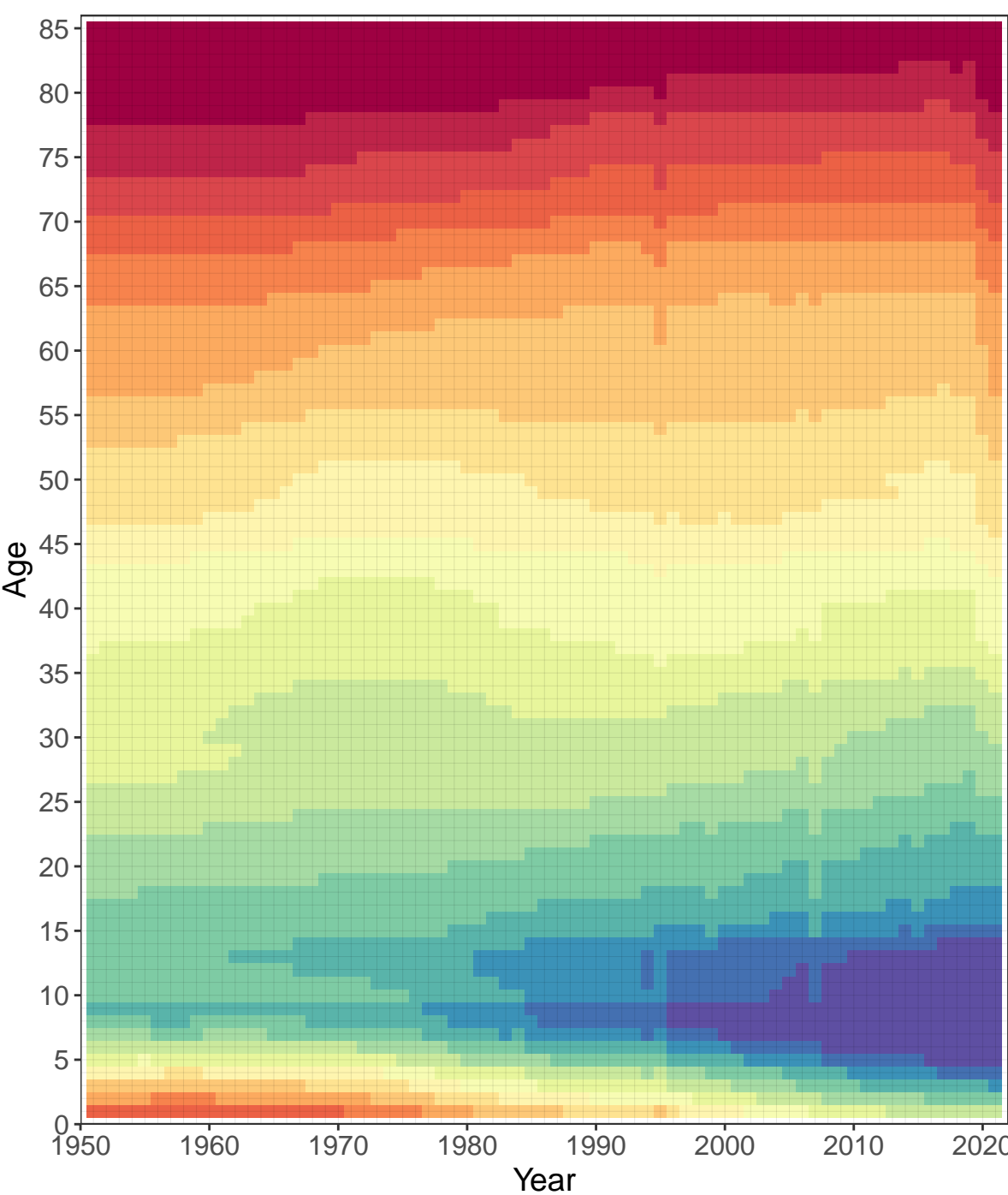


Appendix 2 Figure S4: Cabo Verde mortality rates, 1950–2023

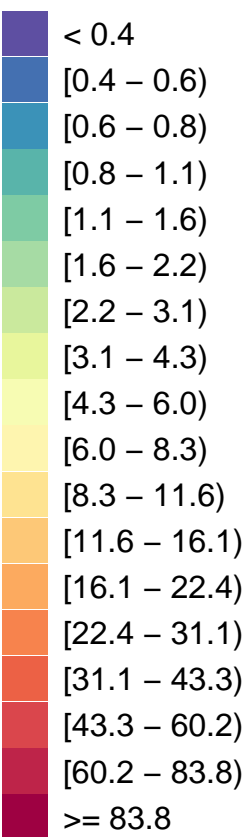
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Males

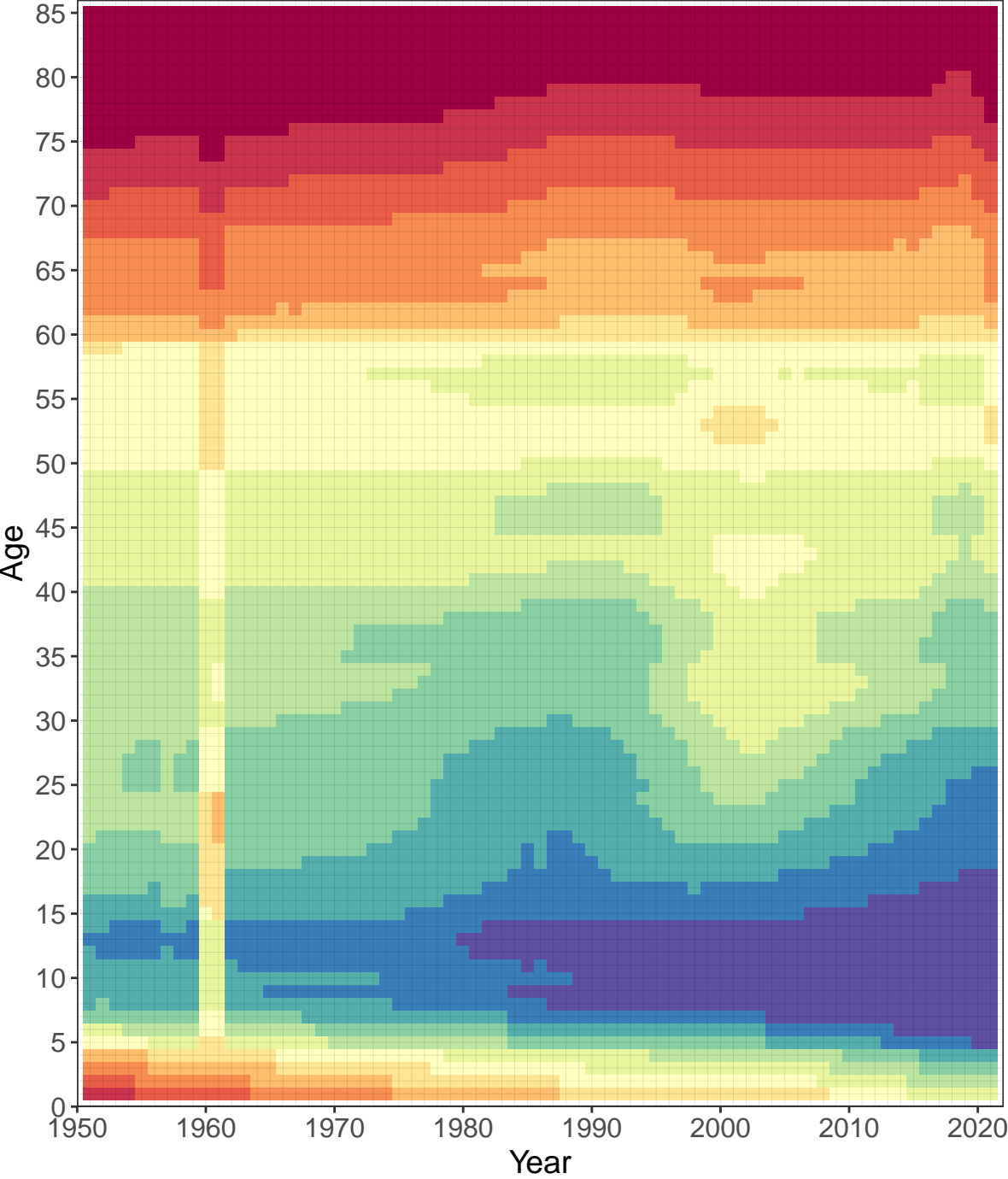


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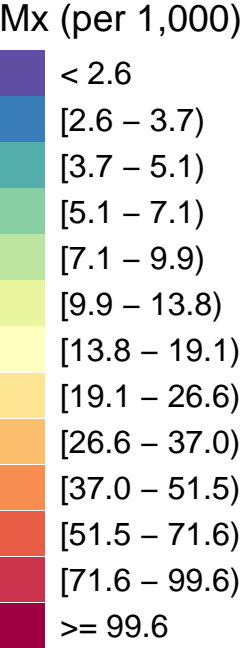
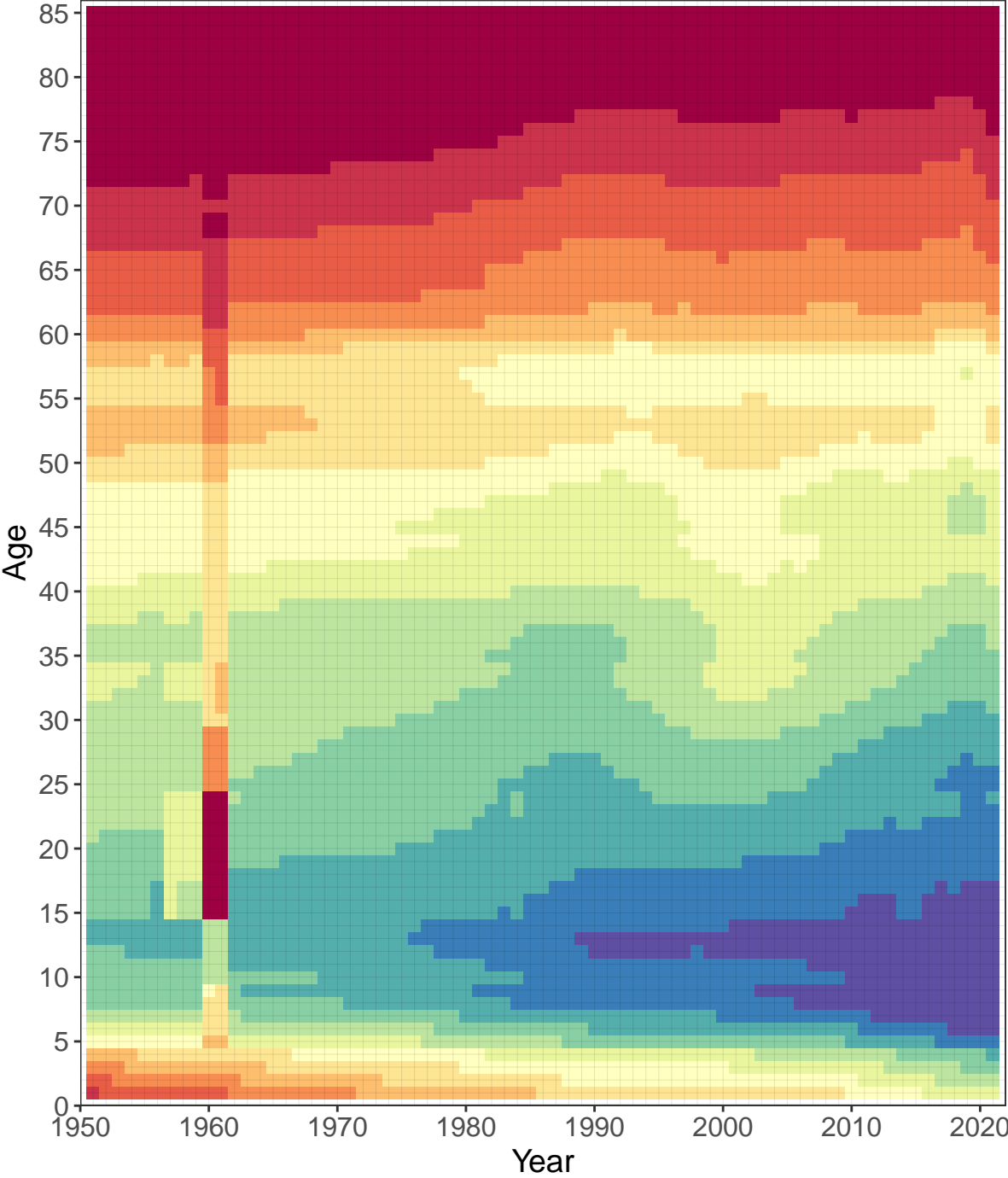


Appendix 2 Figure S4: Cameroon mortality rates, 1950–2023

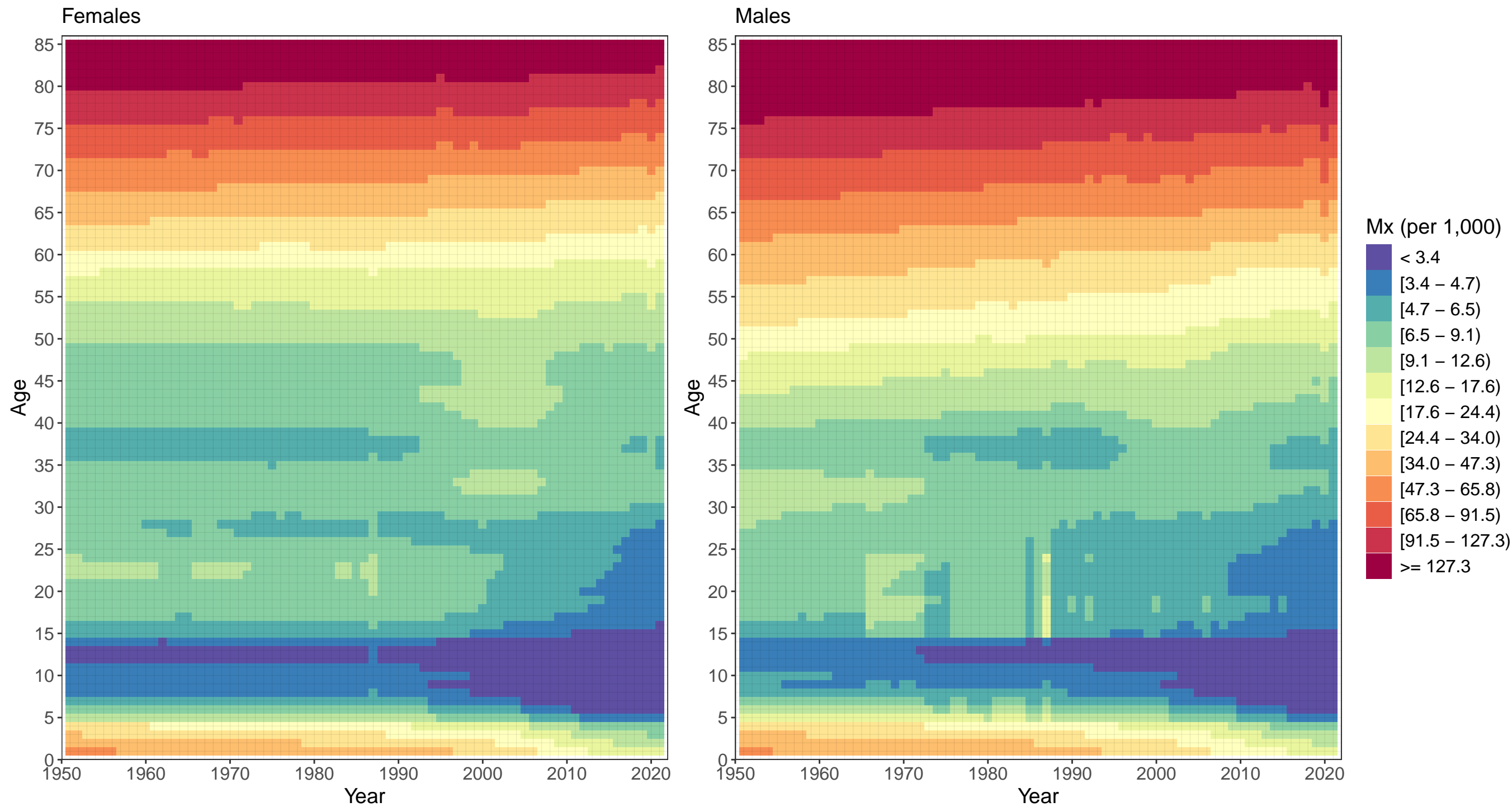
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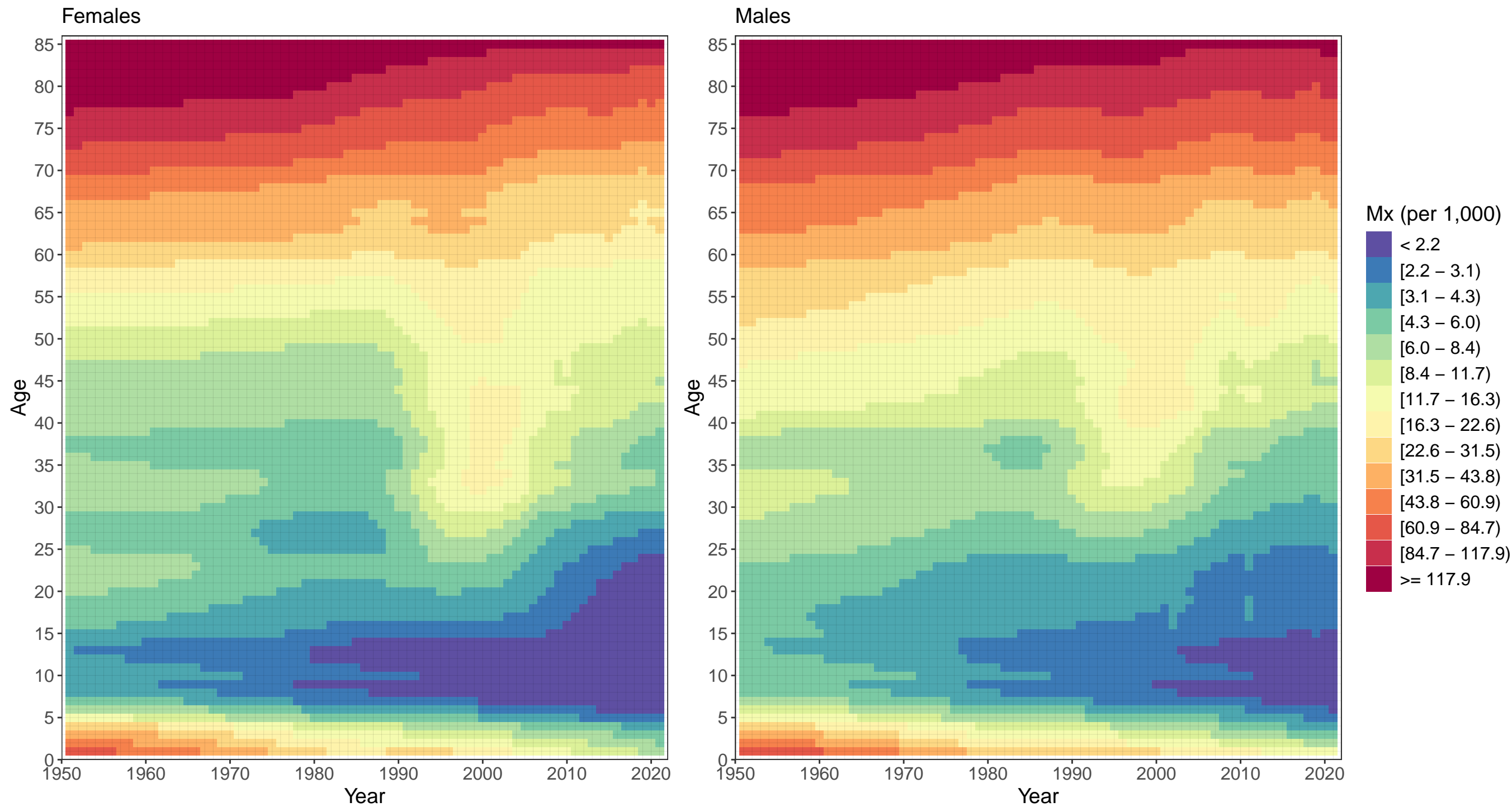
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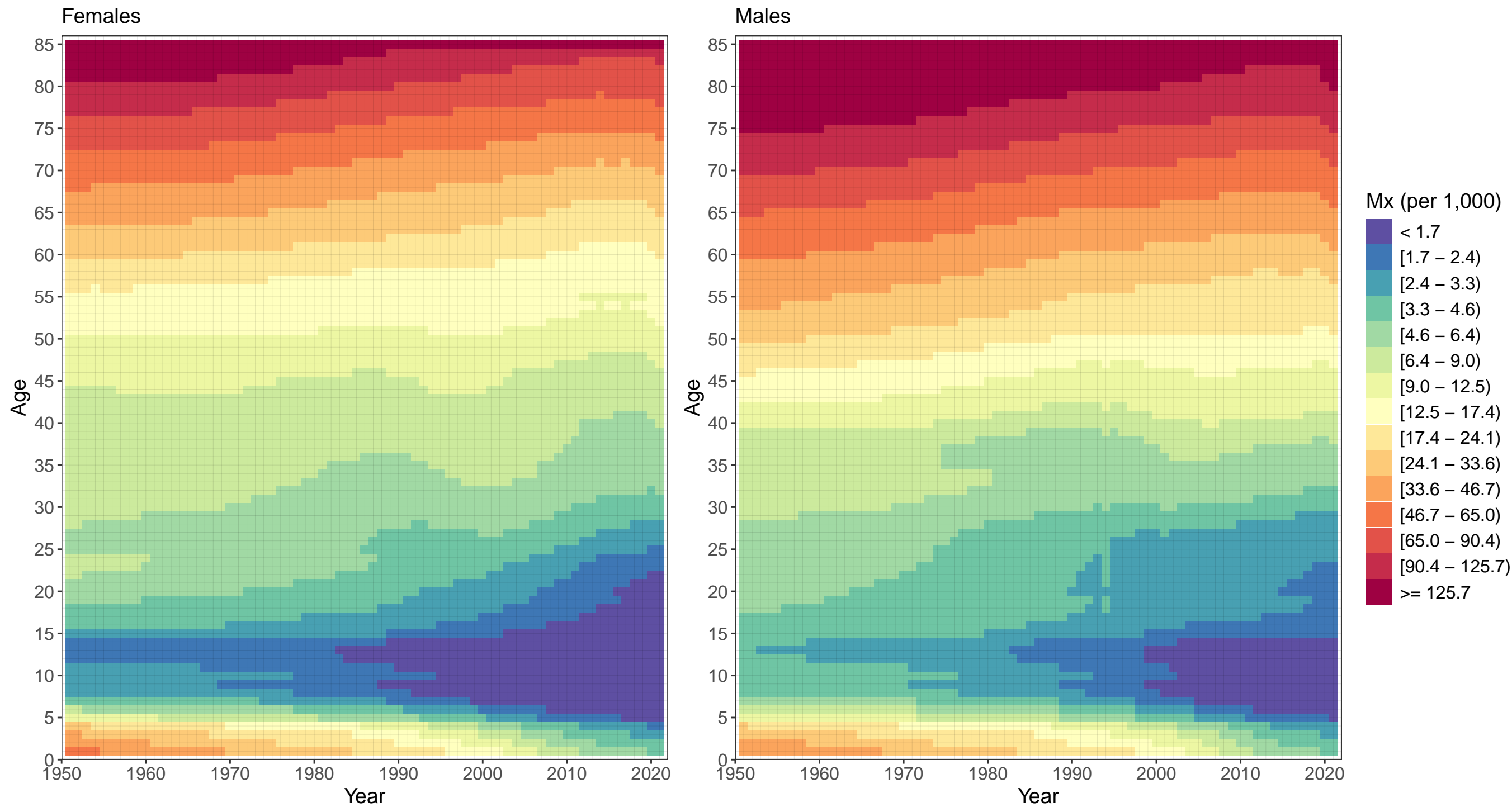
Appendix 2 Figure S4: Chad mortality rates, 1950–2023



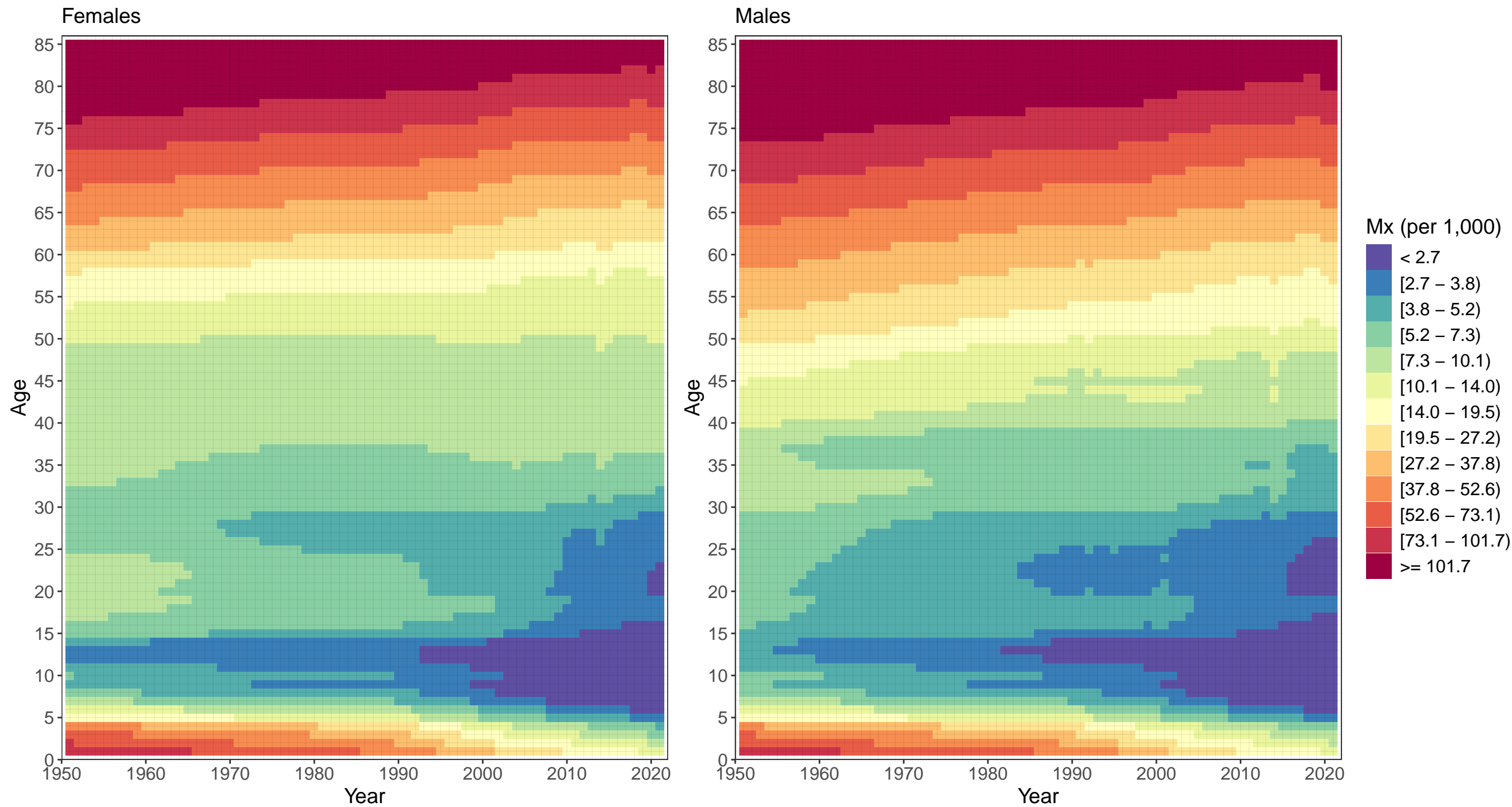
Appendix 2 Figure S4: Côte d'Ivoire mortality rates, 1950–2023



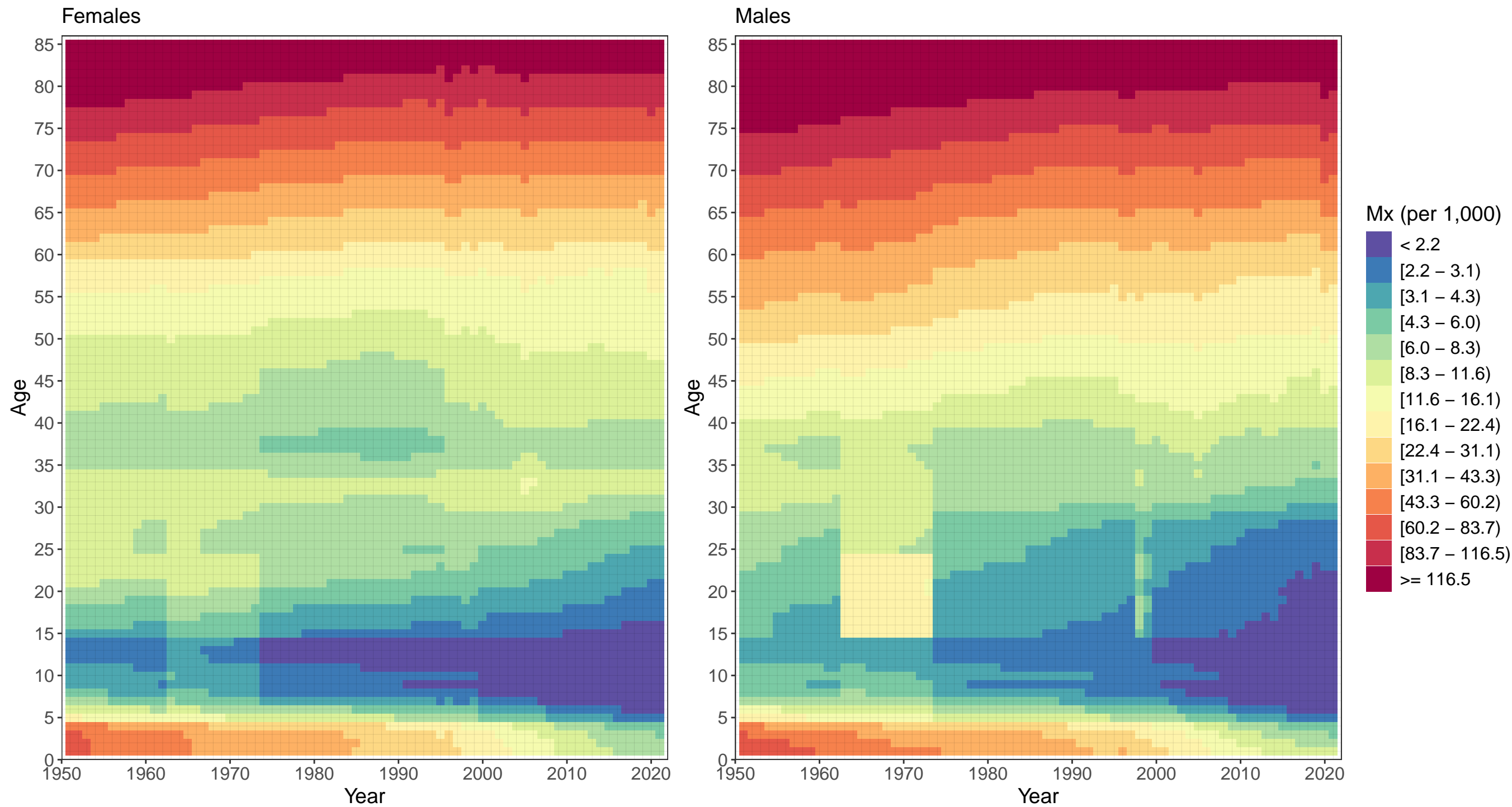
Appendix 2 Figure S4: Ghana mortality rates, 1950–2023



Appendix 2 Figure S4: Guinea mortality rates, 1950–2023

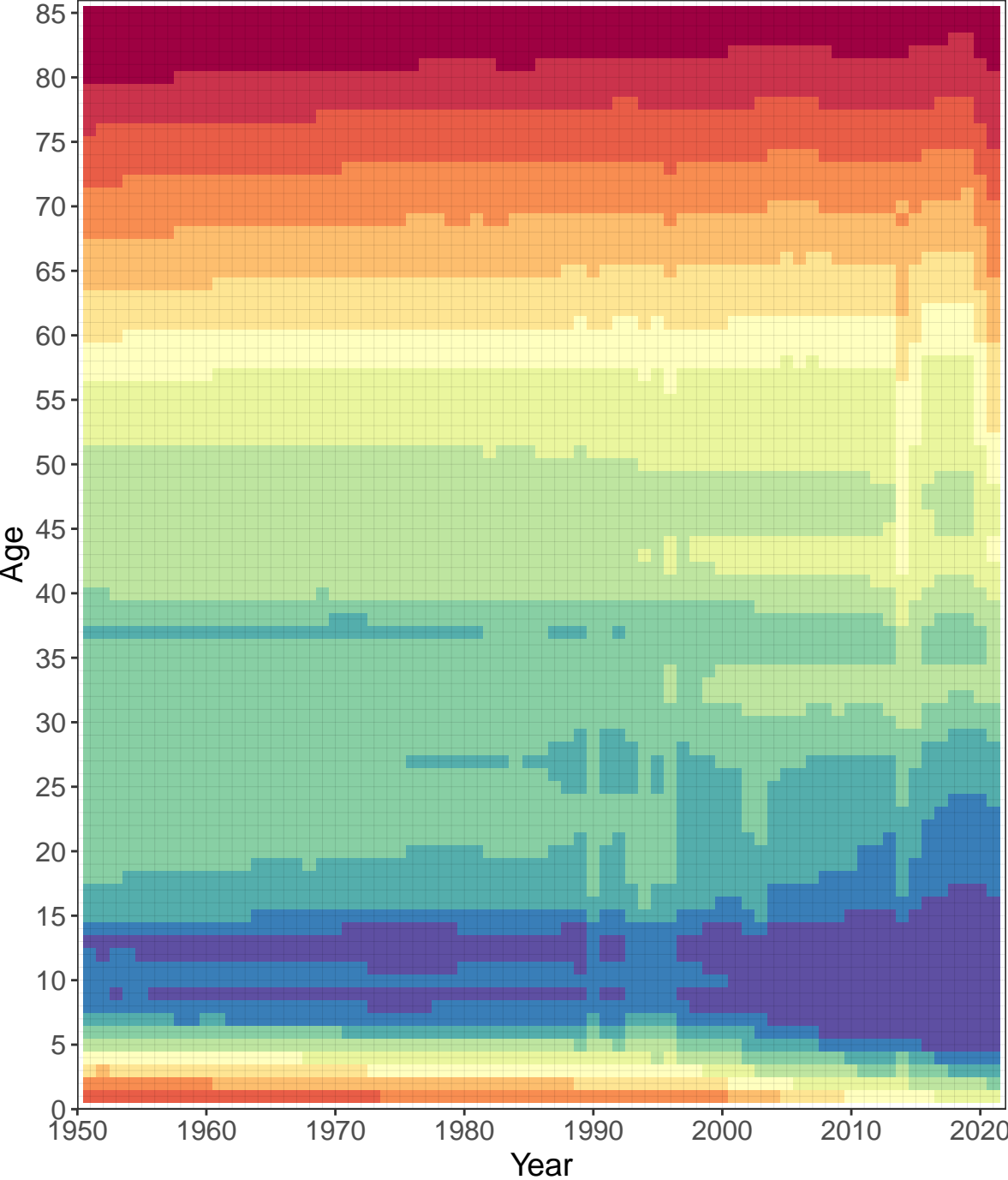


Appendix 2 Figure S4: Guinea-Bissau mortality rates, 1950–2023

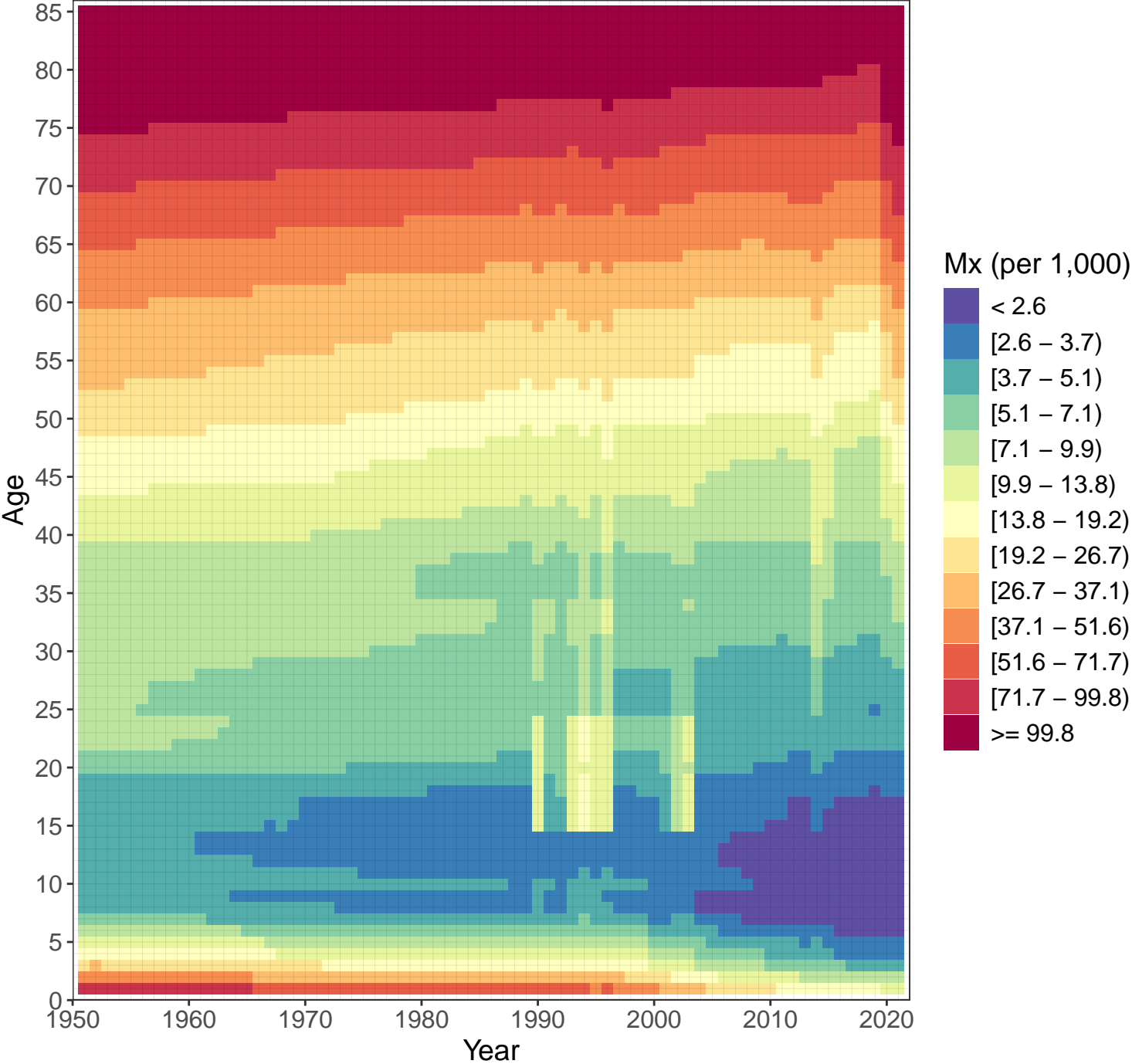


Appendix 2 Figure S4: Liberia mortality rates, 1950–2023

Females

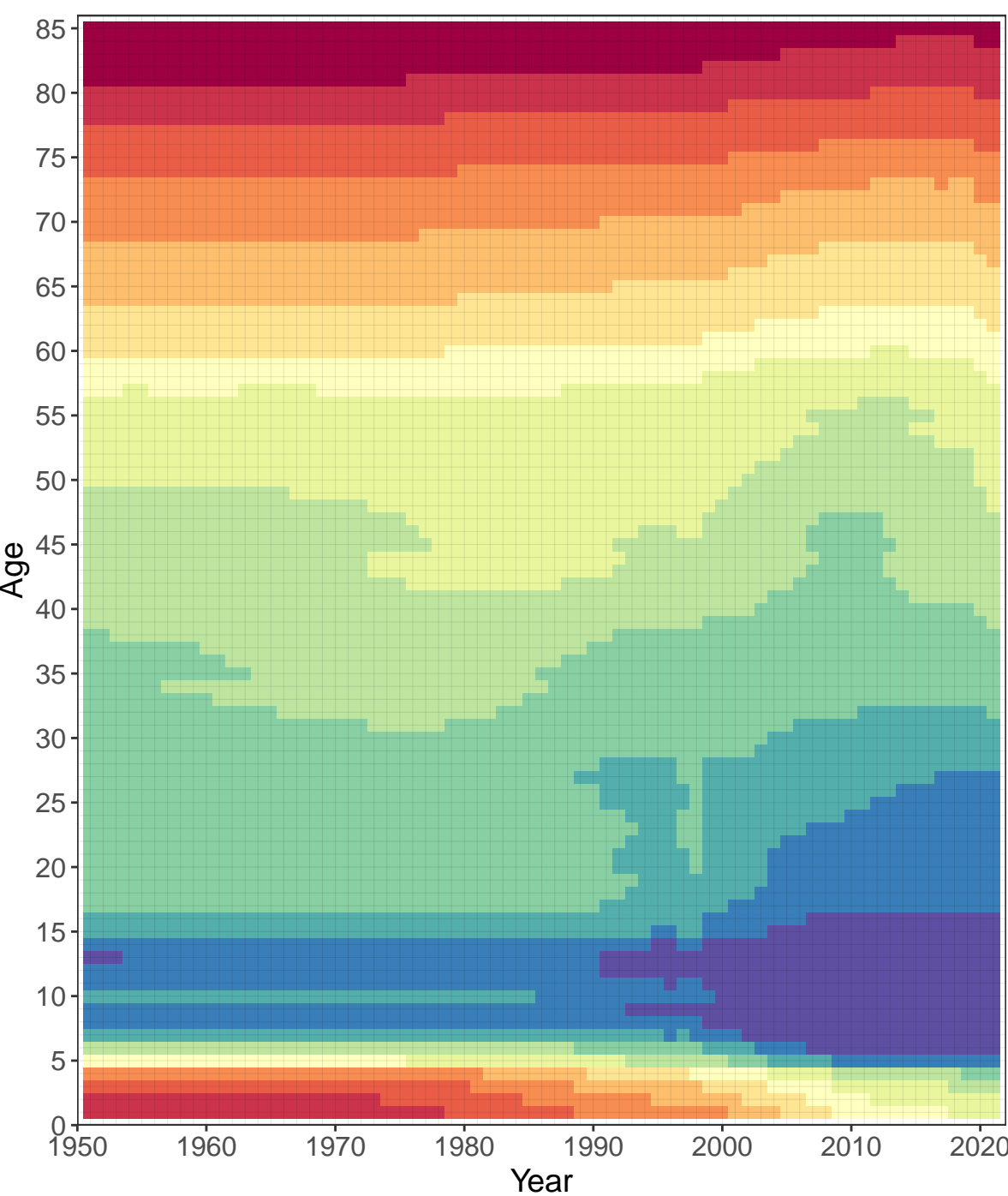


Males

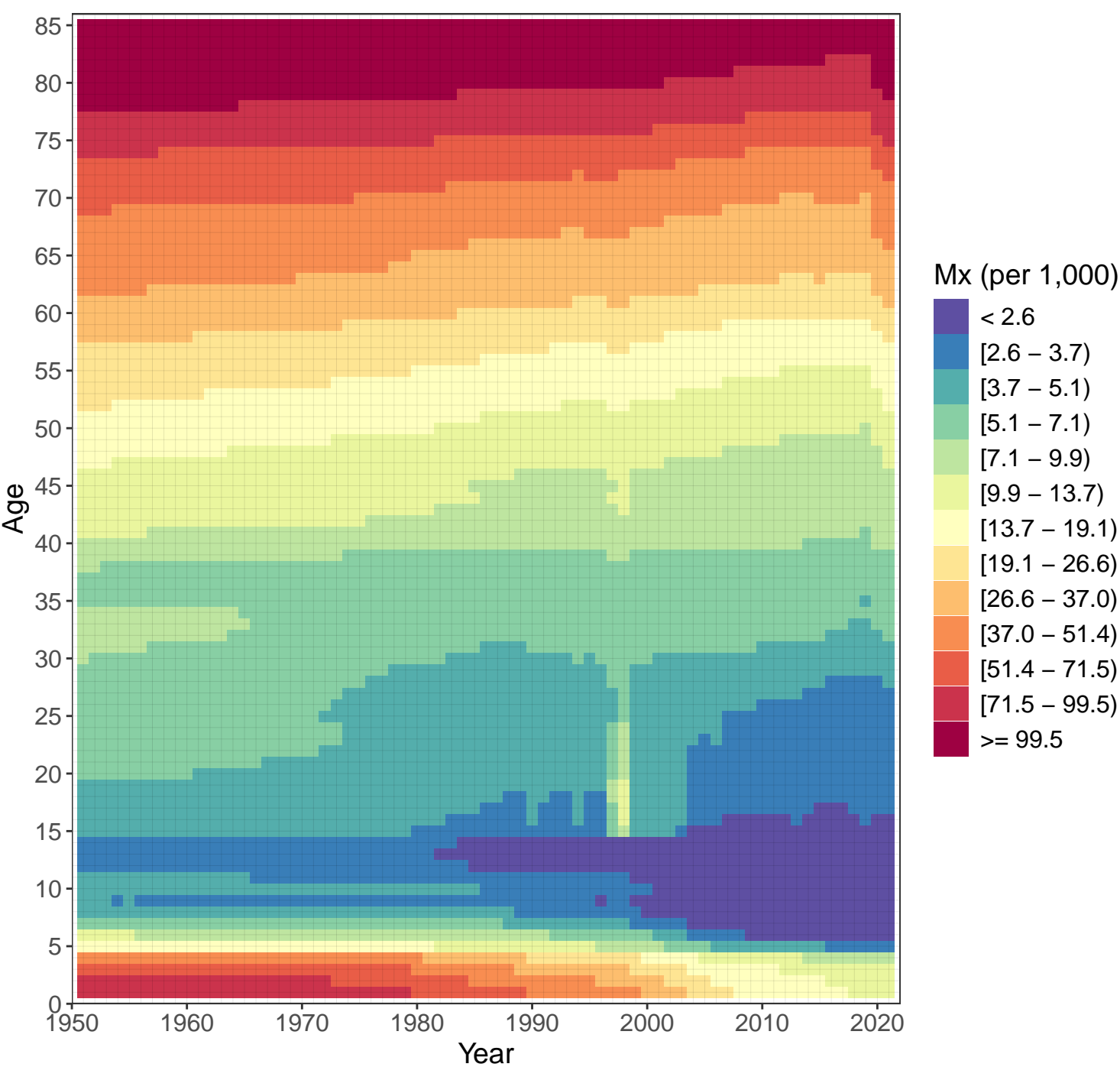


Appendix 2 Figure S4: Mali mortality rates, 1950–2023

Females

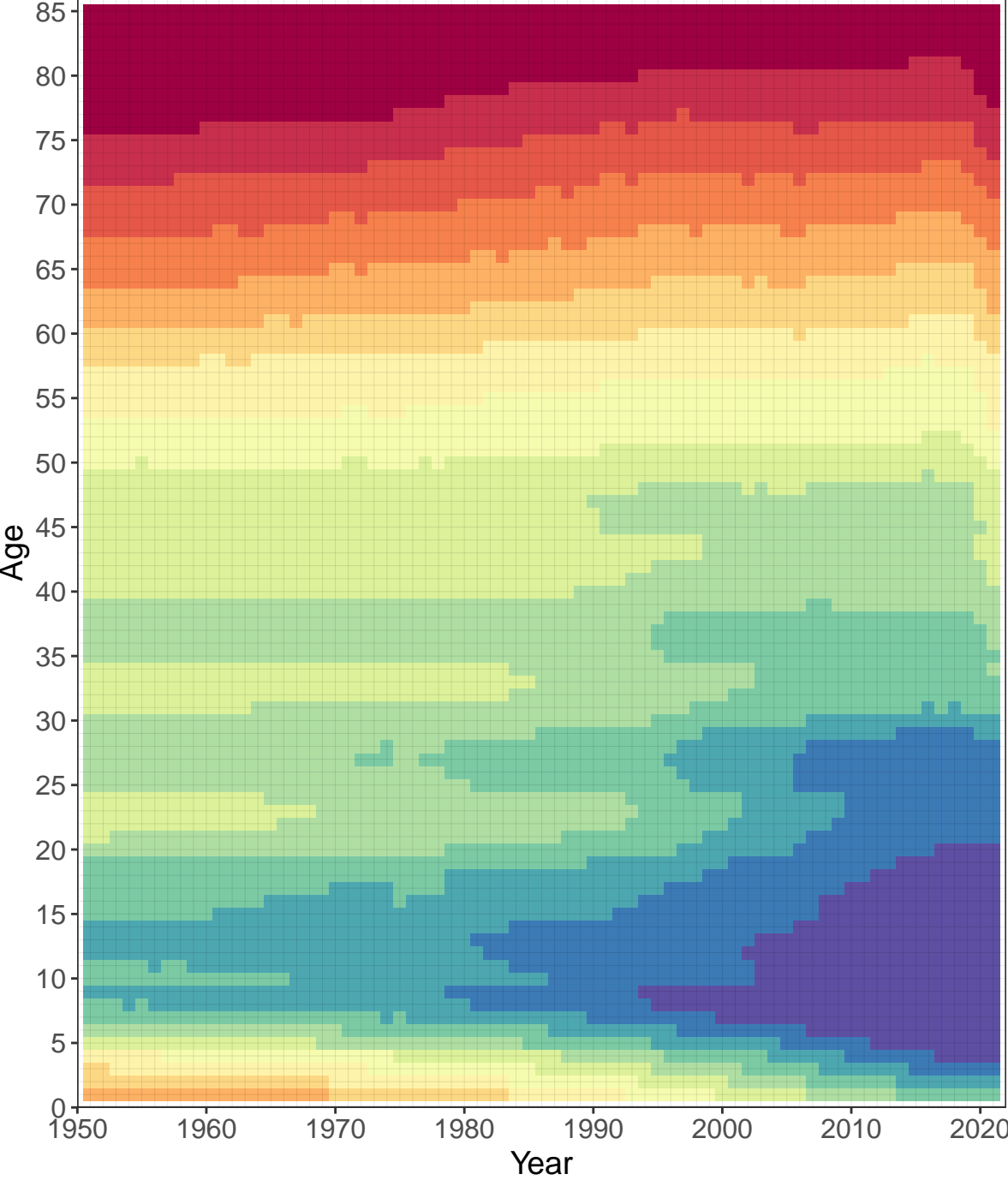


Males

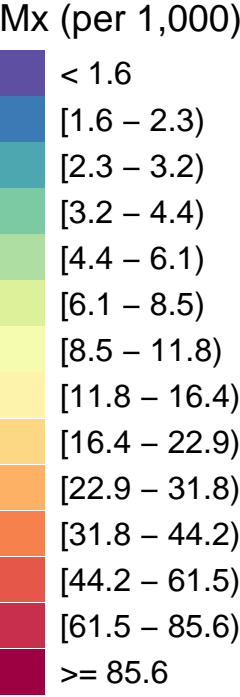
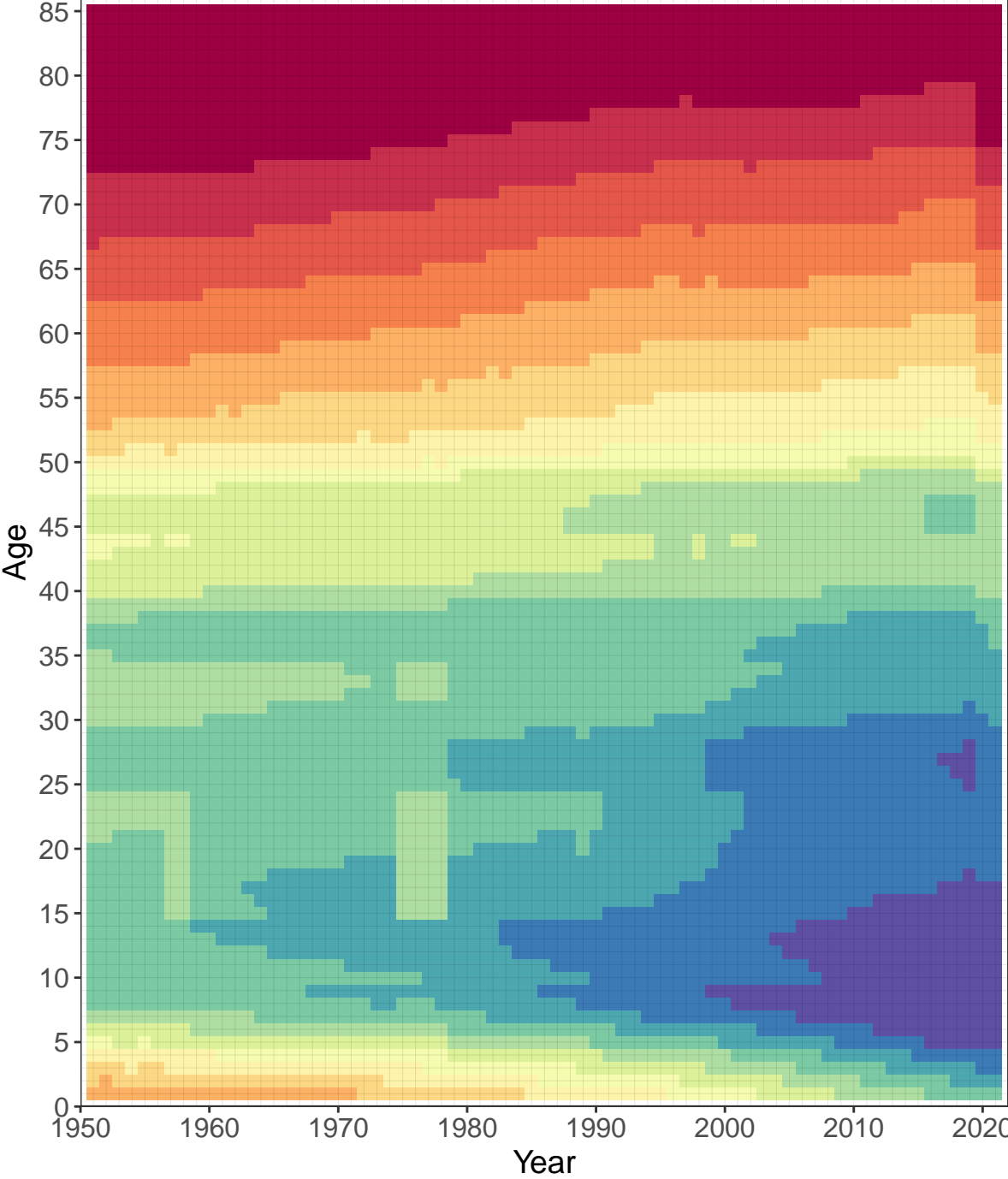


Appendix 2 Figure S4: Mauritania mortality rates, 1950–2023

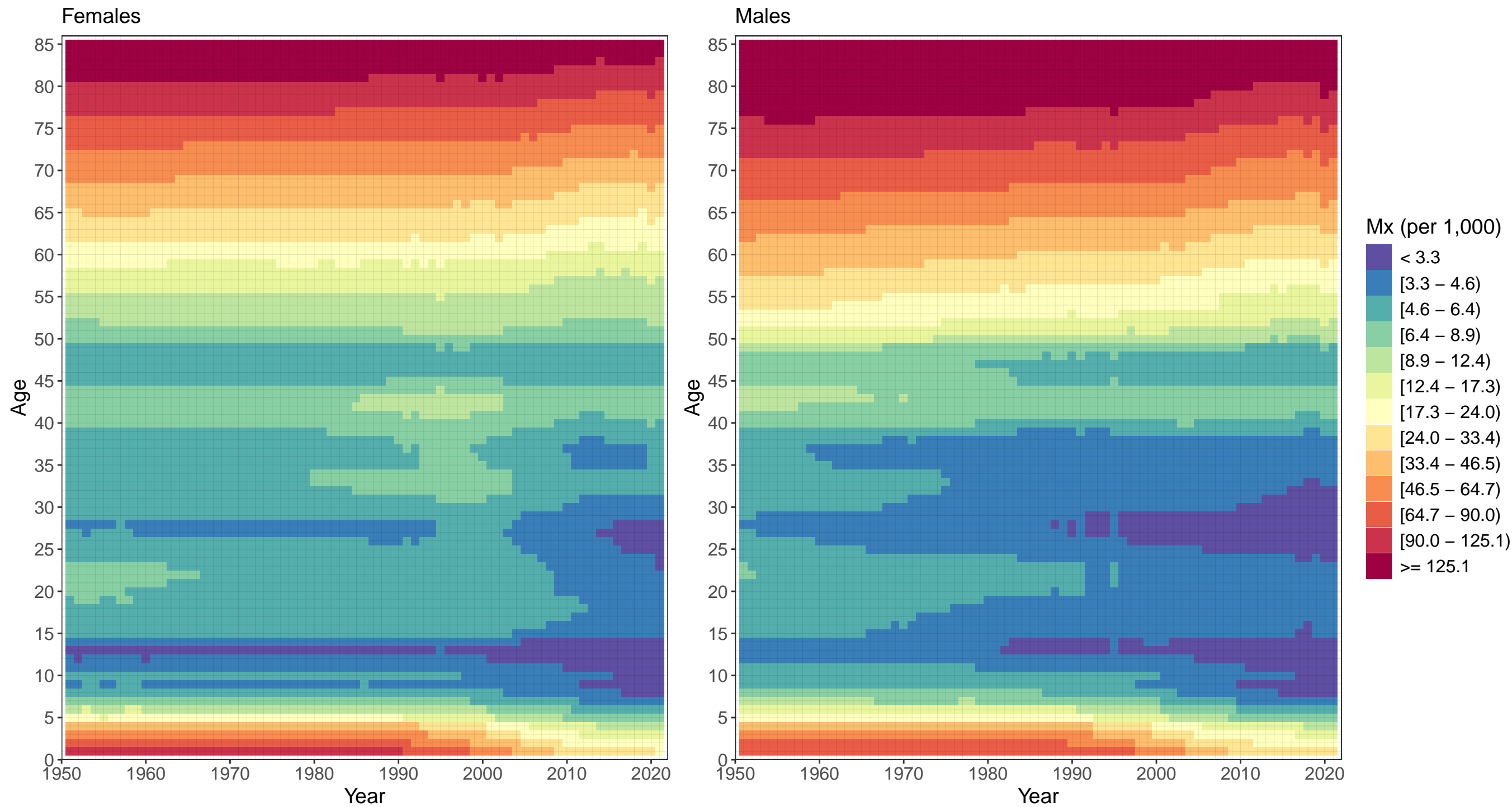
Females



Males

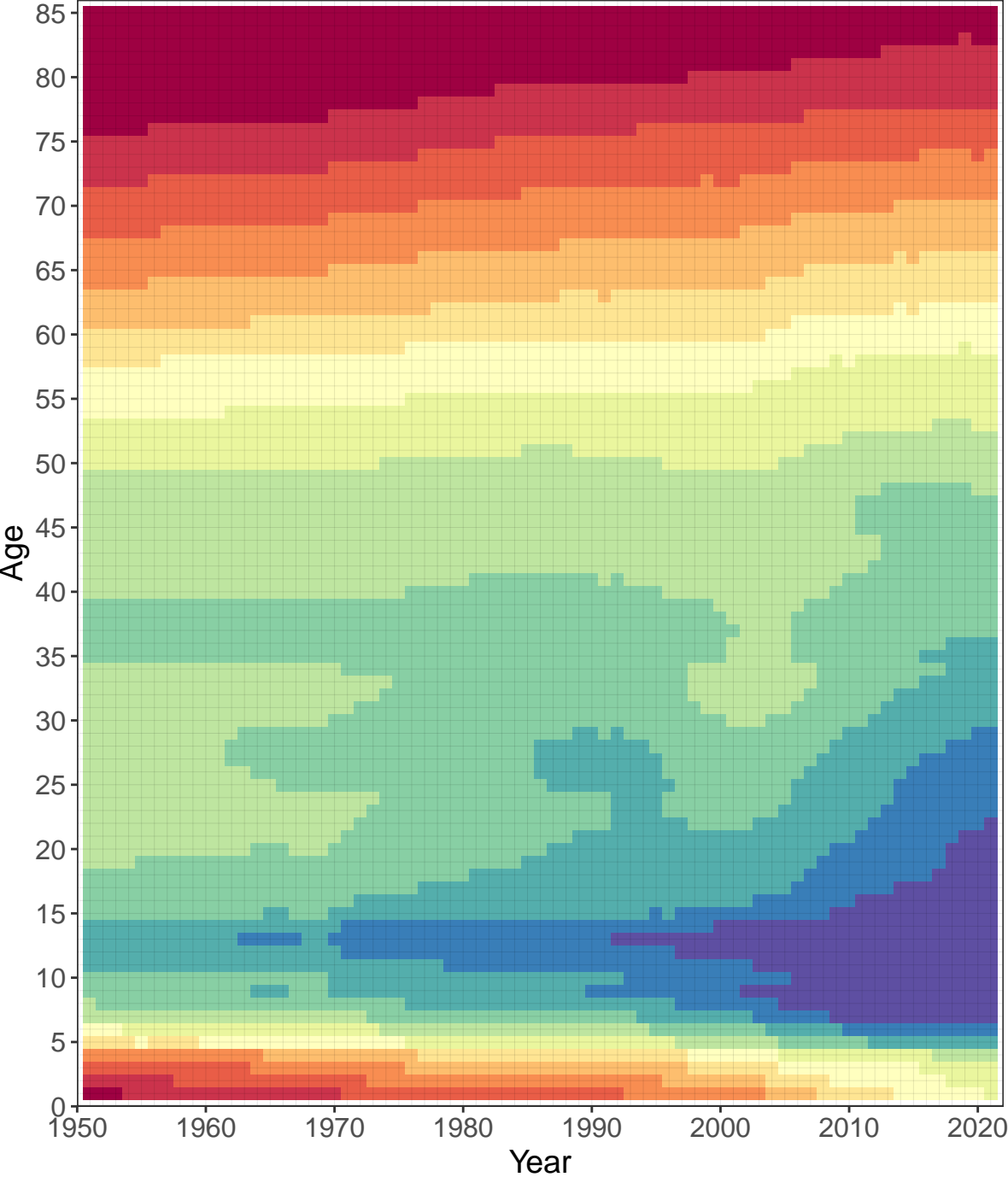


Appendix 2 Figure S4: Niger mortality rates, 1950–2023

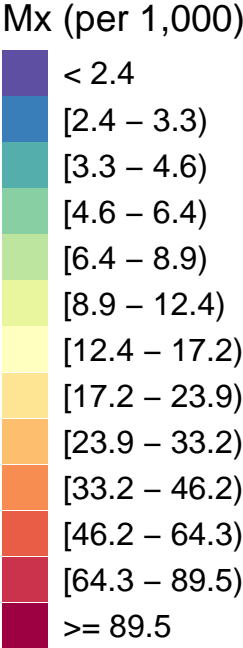
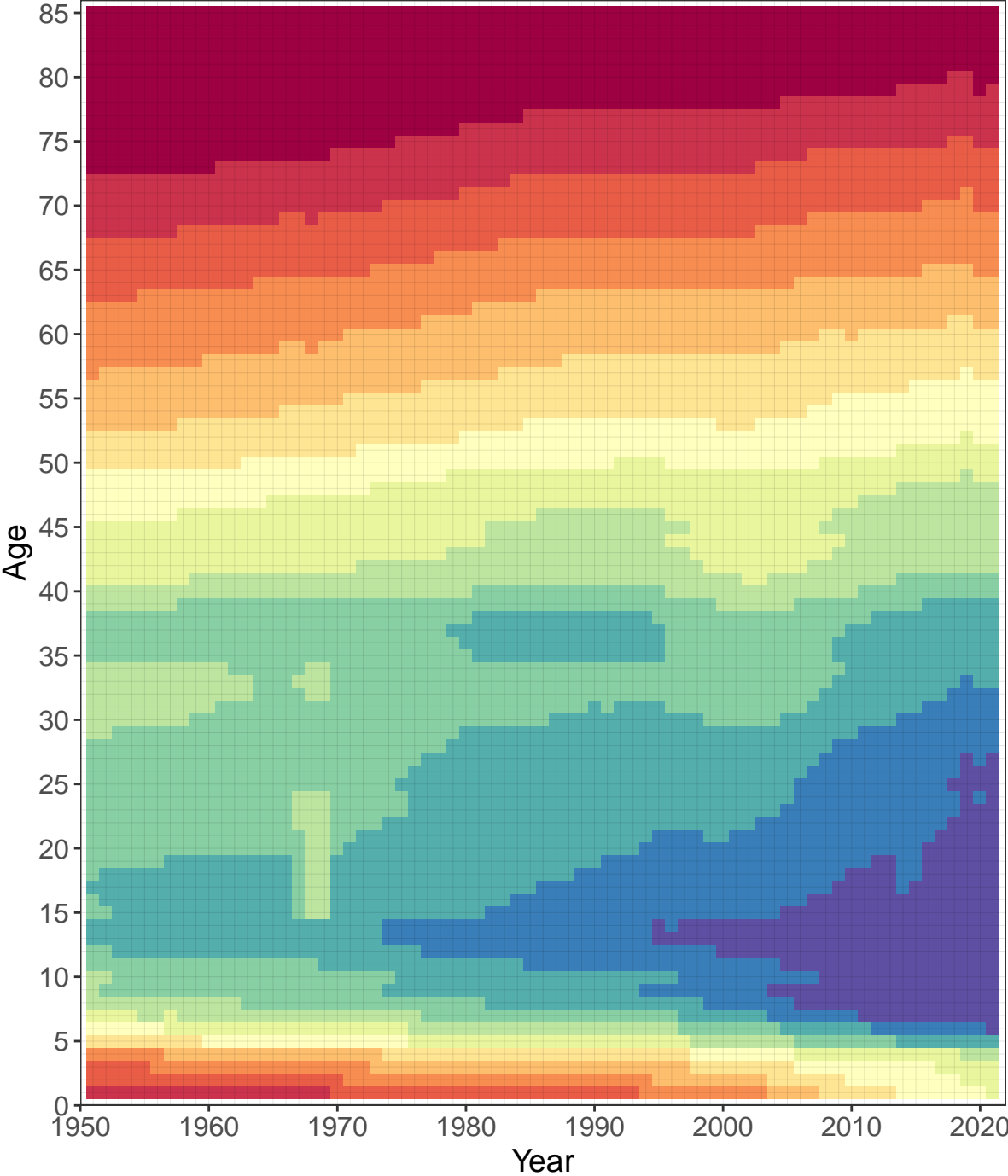


Appendix 2 Figure S4: Nigeria mortality rates, 1950–2023

Females

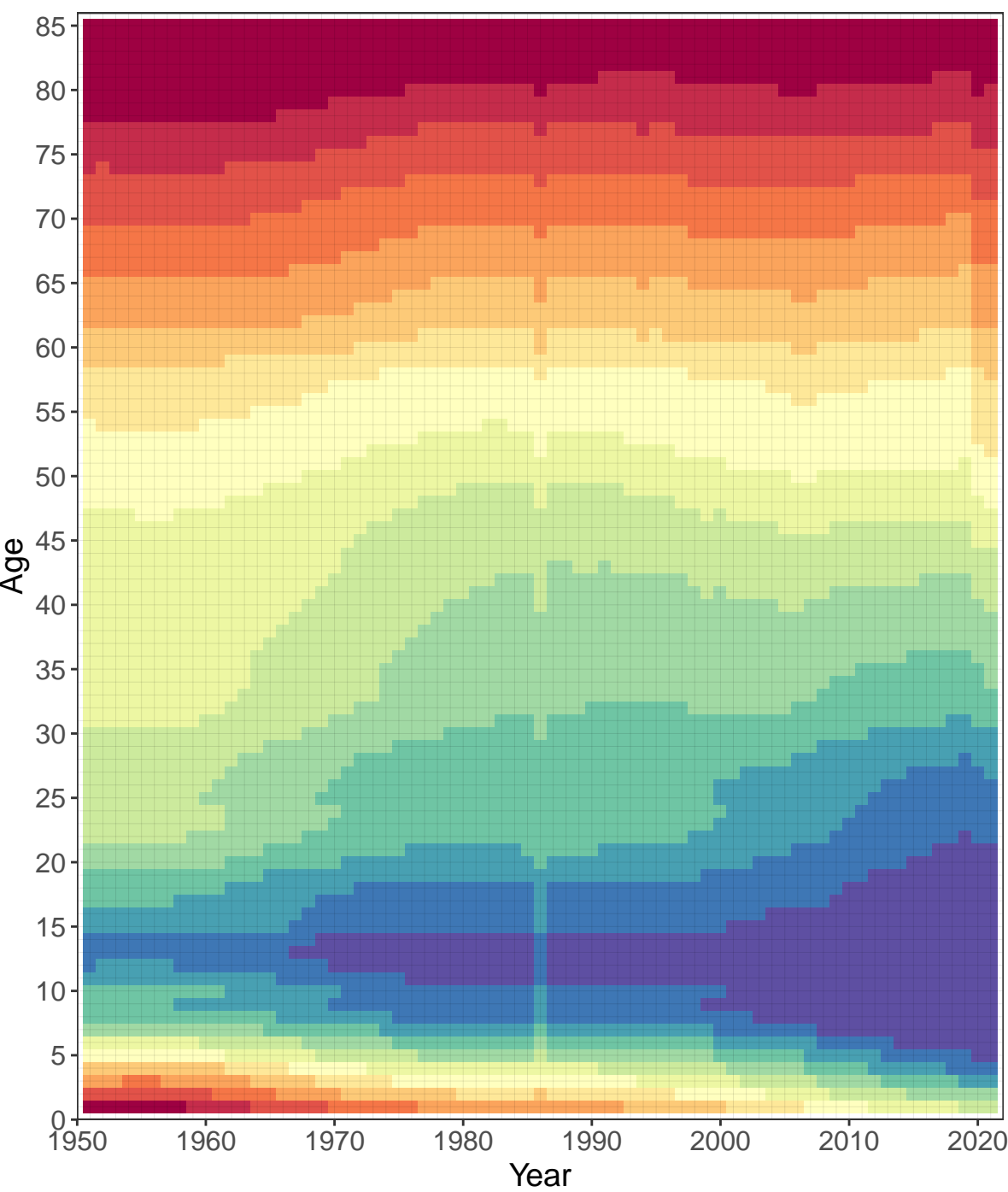


Males

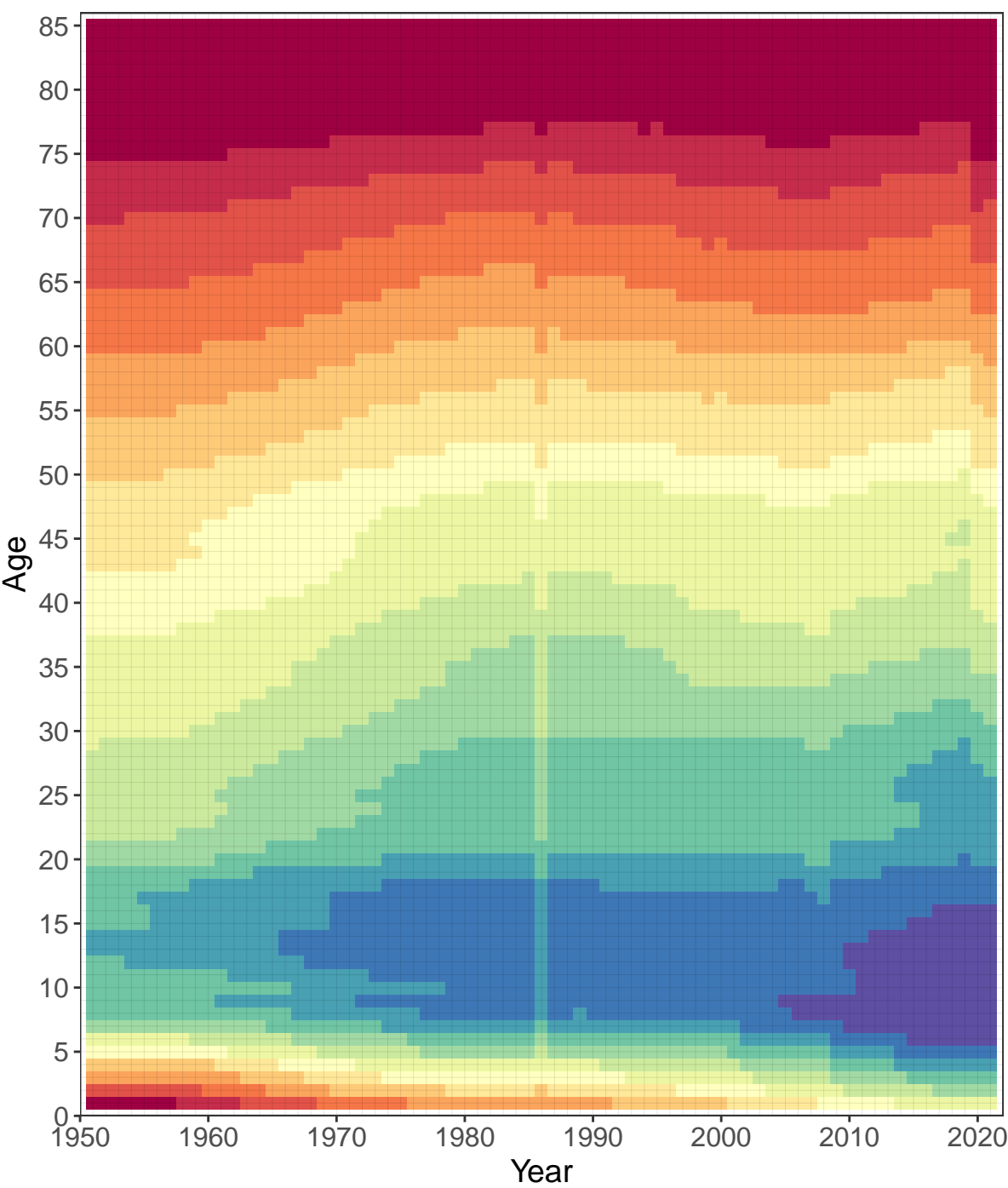


Appendix 2 Figure S4: São Tomé and Príncipe mortality rates, 1950–2023

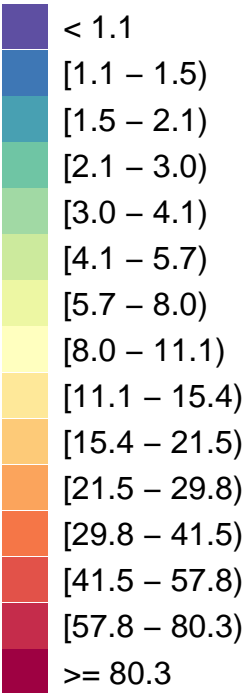
Females



Males

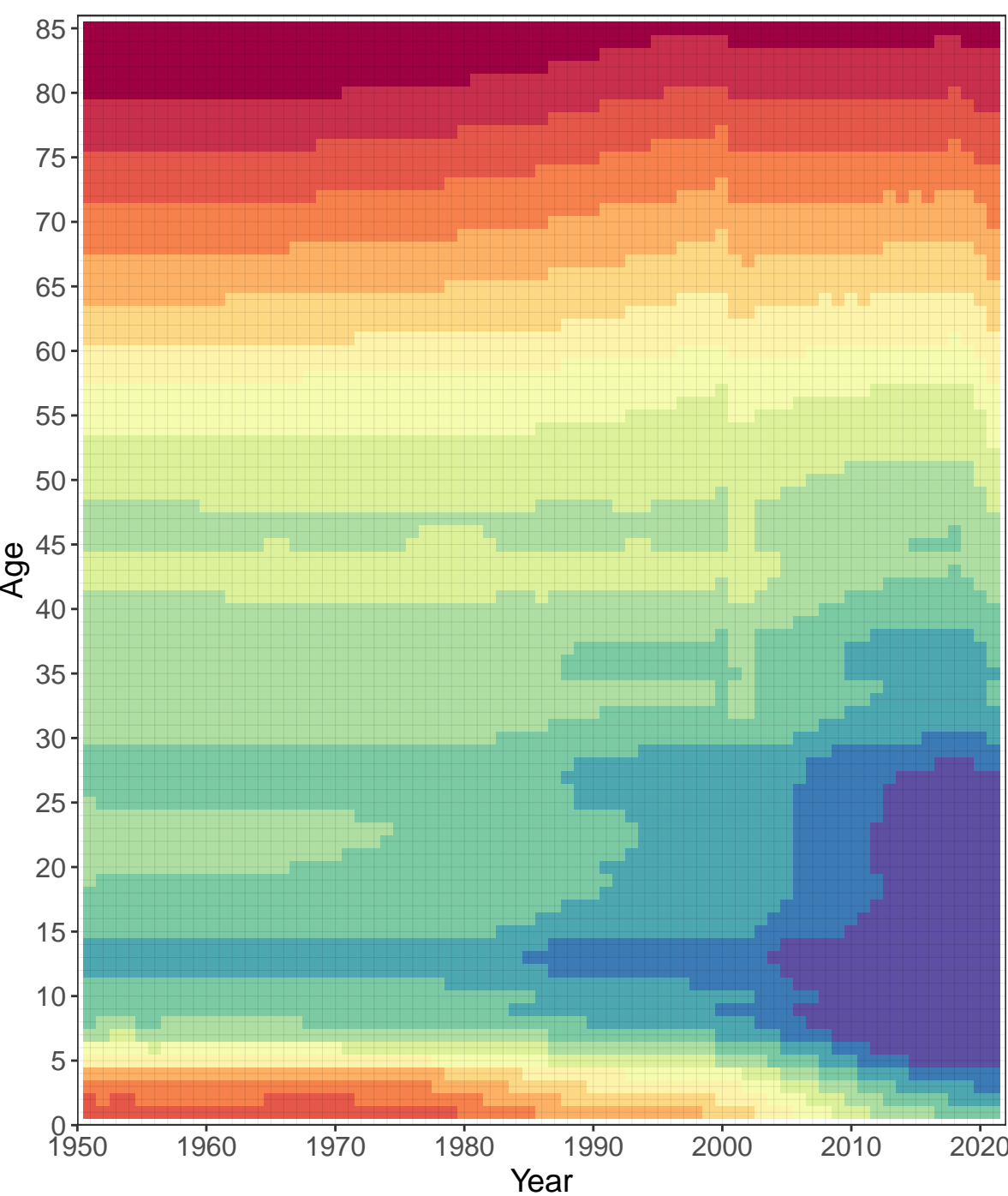


Mx (per 1,000)

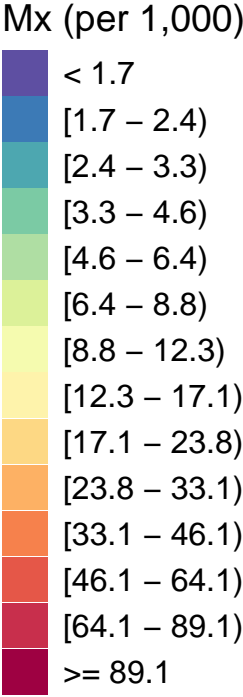
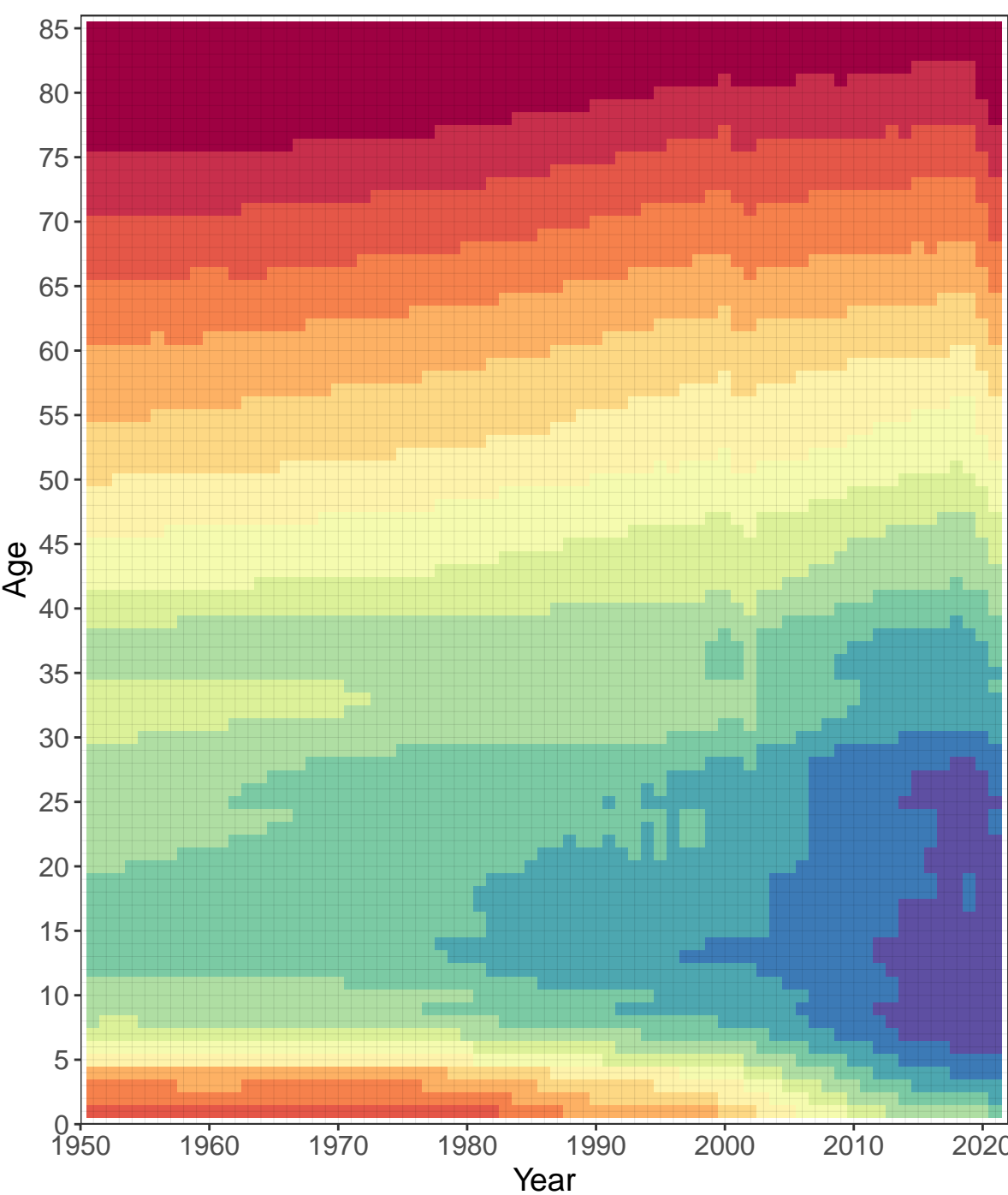


Appendix 2 Figure S4: Senegal mortality rates, 1950–2023

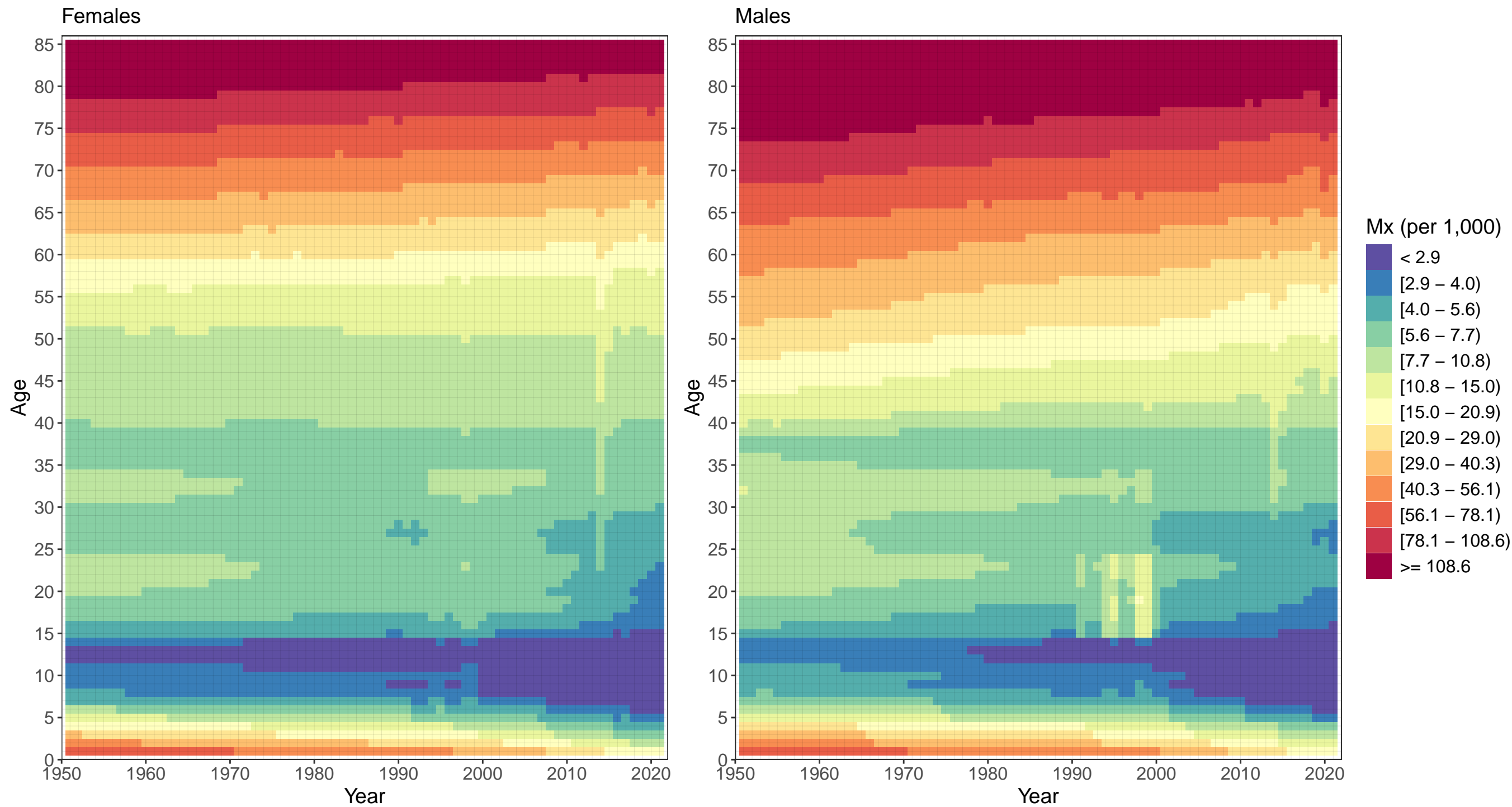
Females



Males

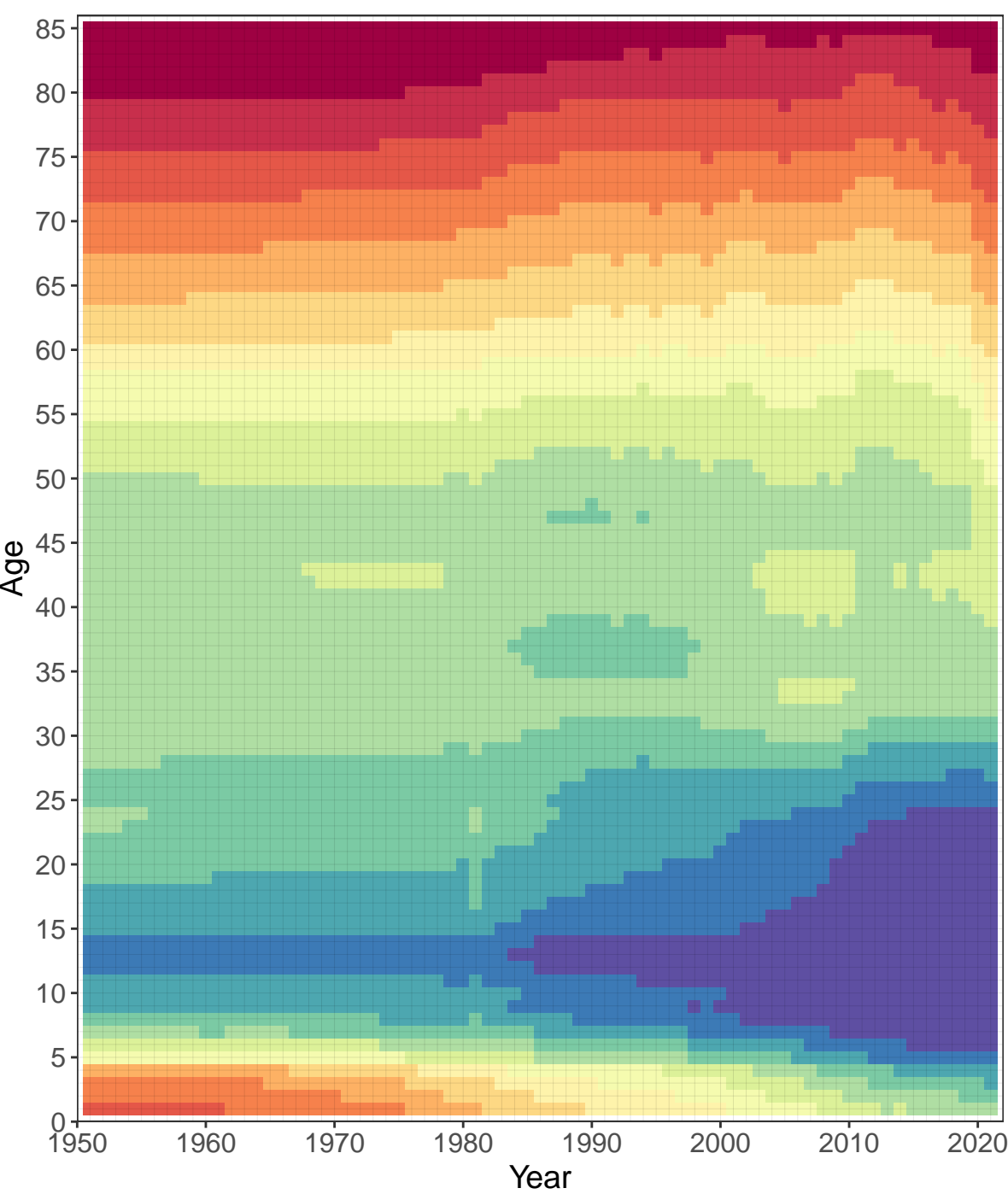


Appendix 2 Figure S4: Sierra Leone mortality rates, 1950–2023

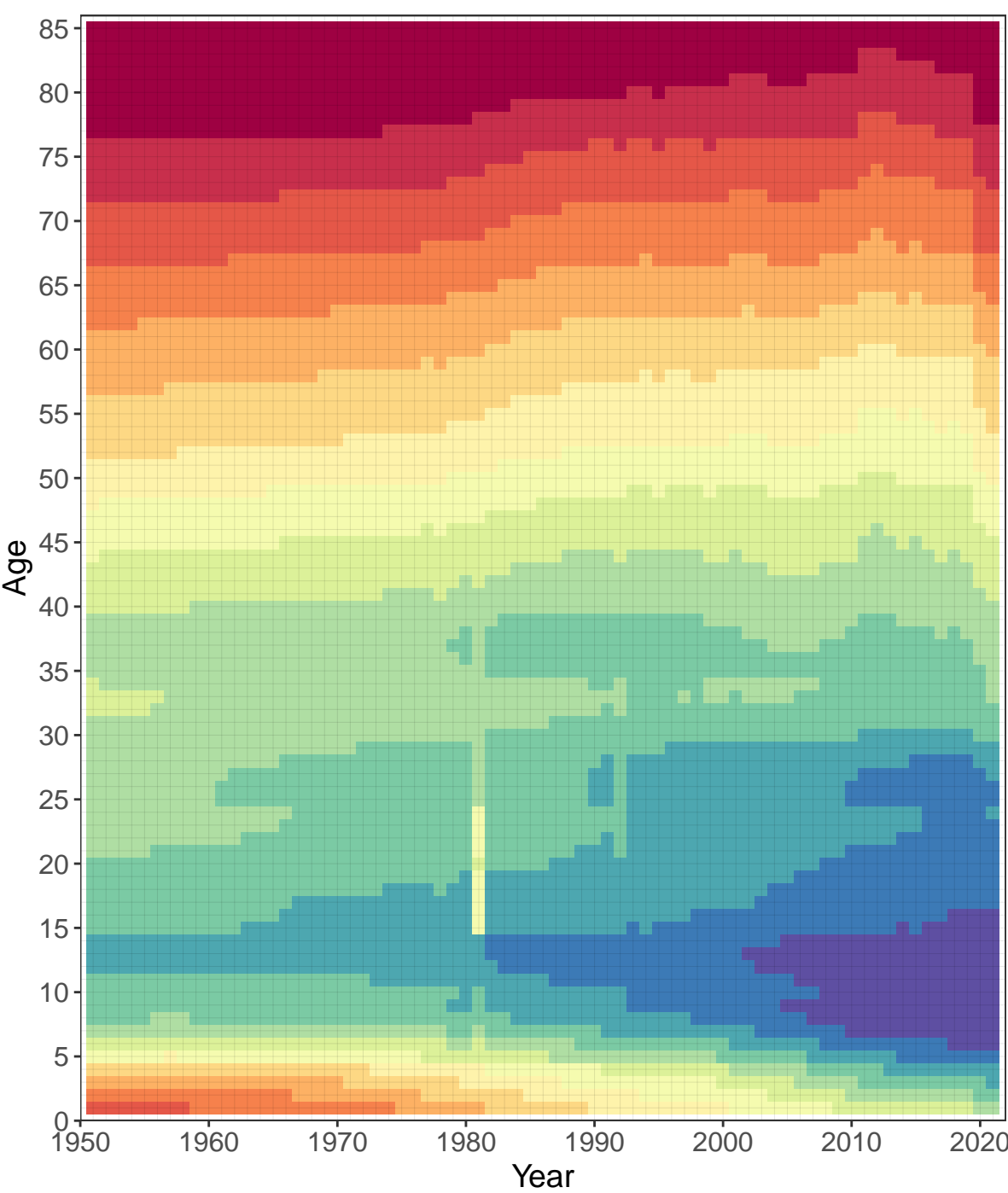


Appendix 2 Figure S4: The Gambia mortality rates, 1950–2023

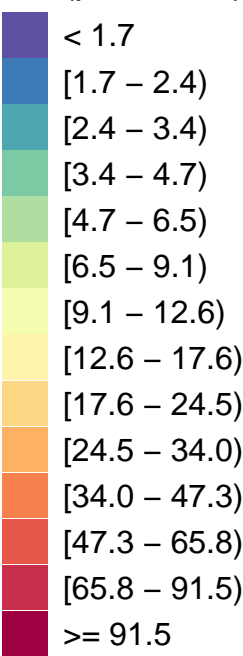
Females



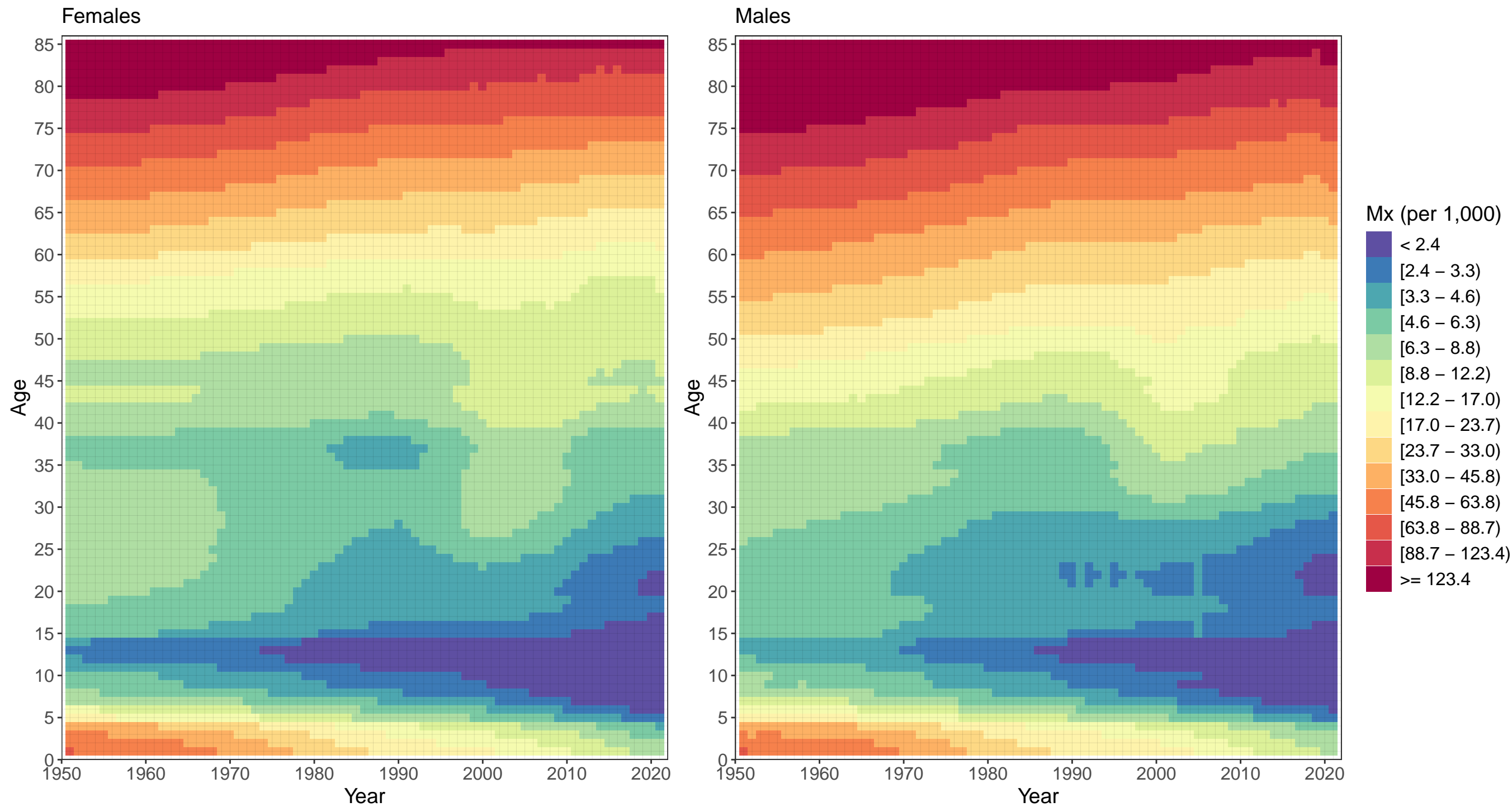
Males



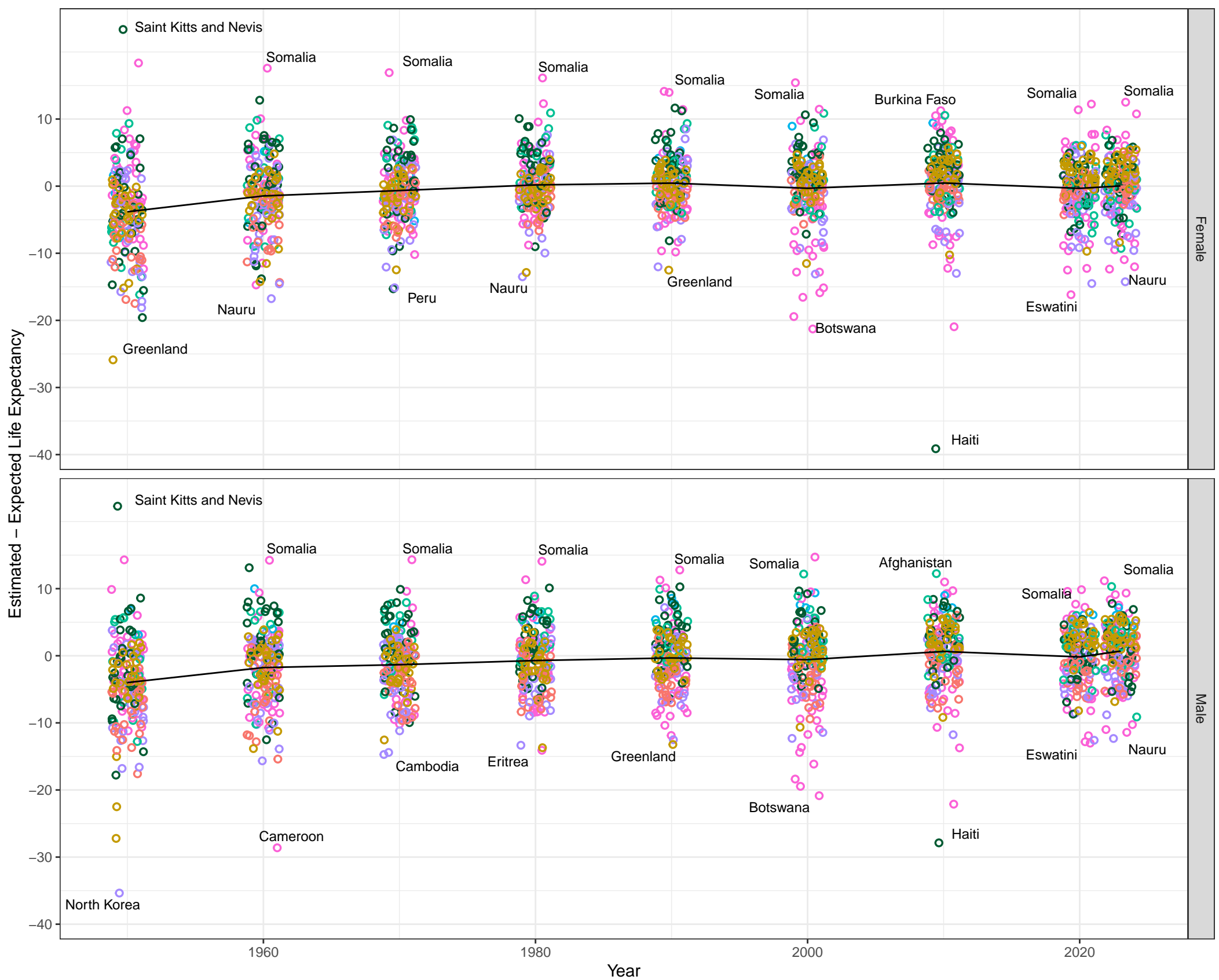
Mx (per 1,000)



Appendix 2 Figure S4: Togo mortality rates, 1950–2023



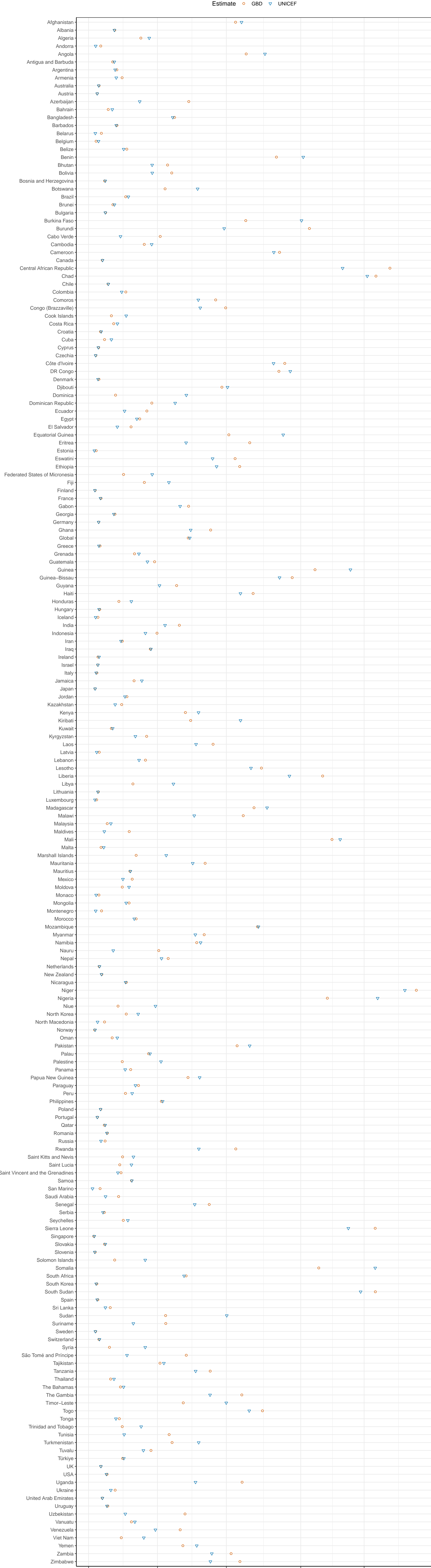
Appendix 2 Figure S5: National Estimated – Expected Life Expectancy based on SDI, by sex, 1950–2023



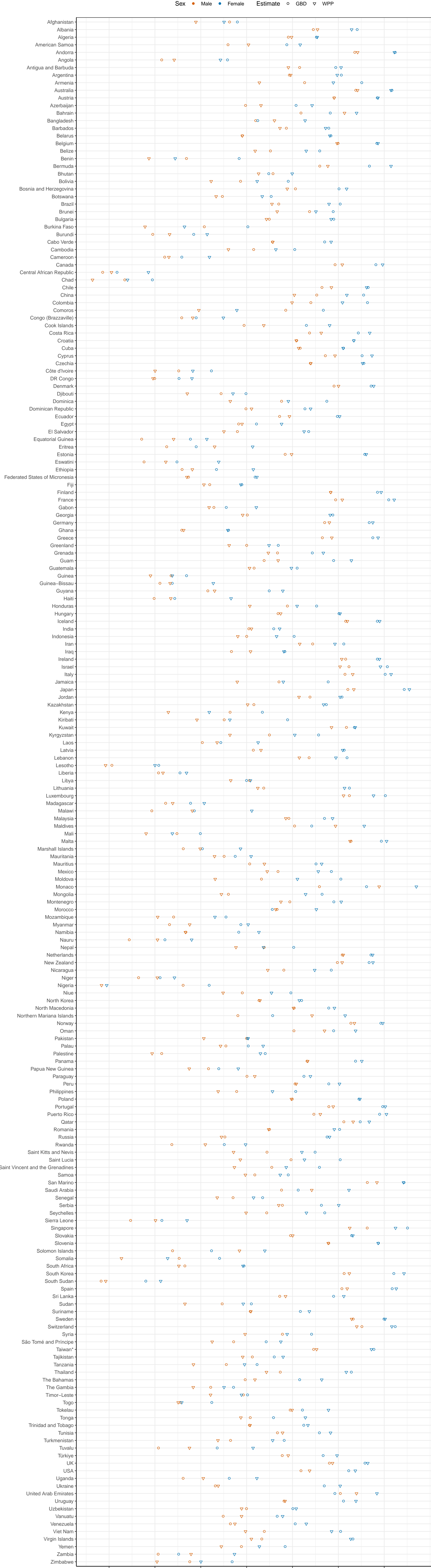
GBD Super-Region

- Central Europe, Eastern Europe, and Central Asia
- High-income
- Latin America and Caribbean
- North Africa and Middle East
- South Asia
- Southeast Asia, East Asia, and Oceania
- Sub-Saharan Africa

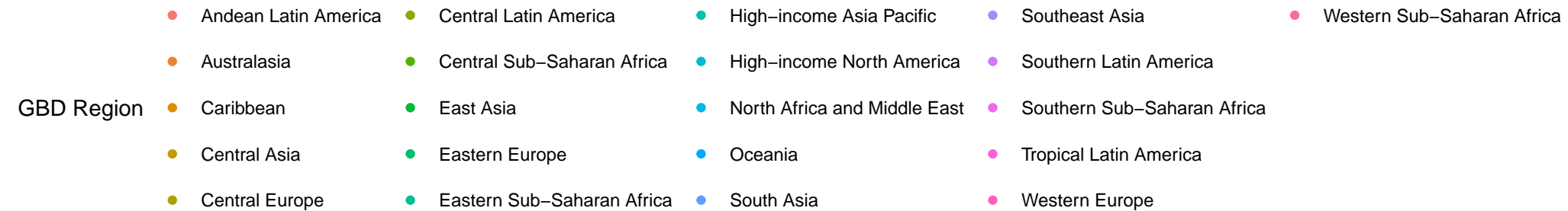
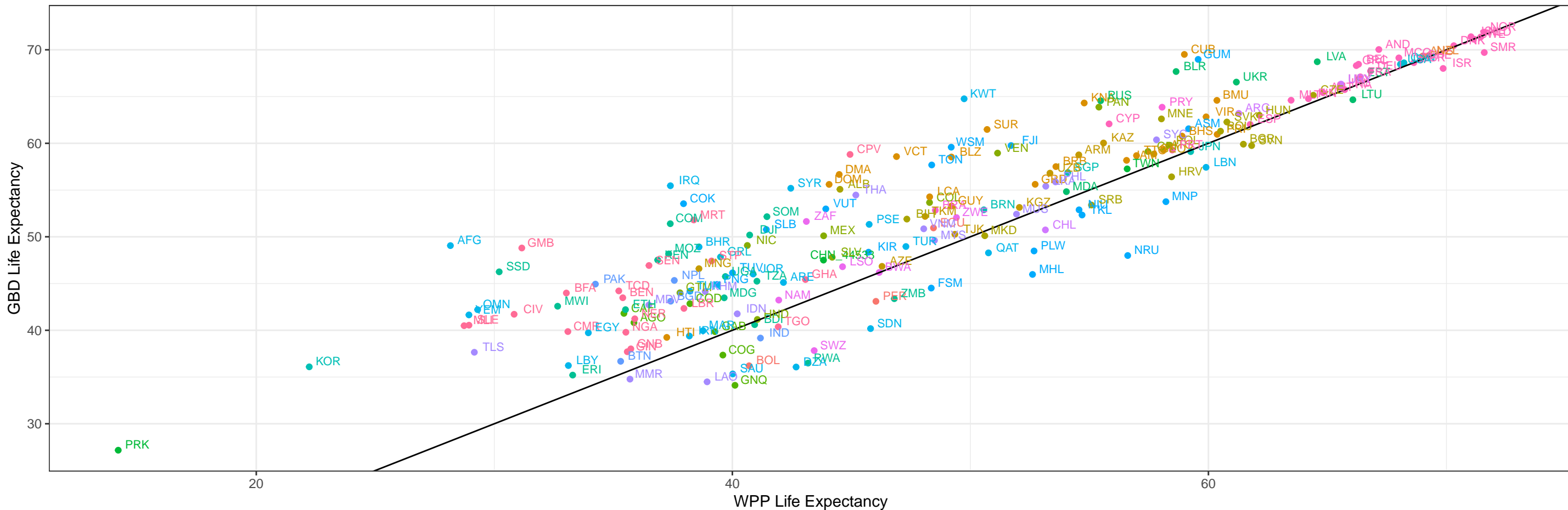
Appendix 2 Figure S6: Comparison of under 5 mortality estimates for 2023 between GBD 2023 and UNICEF 2025, by location



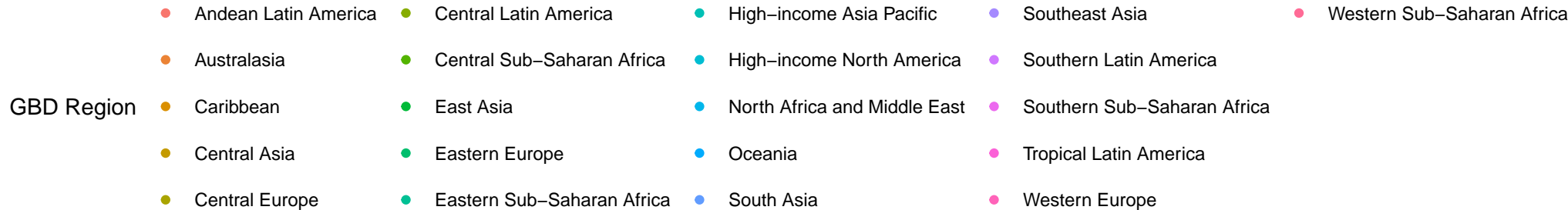
Appendix 2 Figure S7: Comparison of life expectancy at birth estimates for 2023 between GBD 2023 and WPP 2024, by sex and location



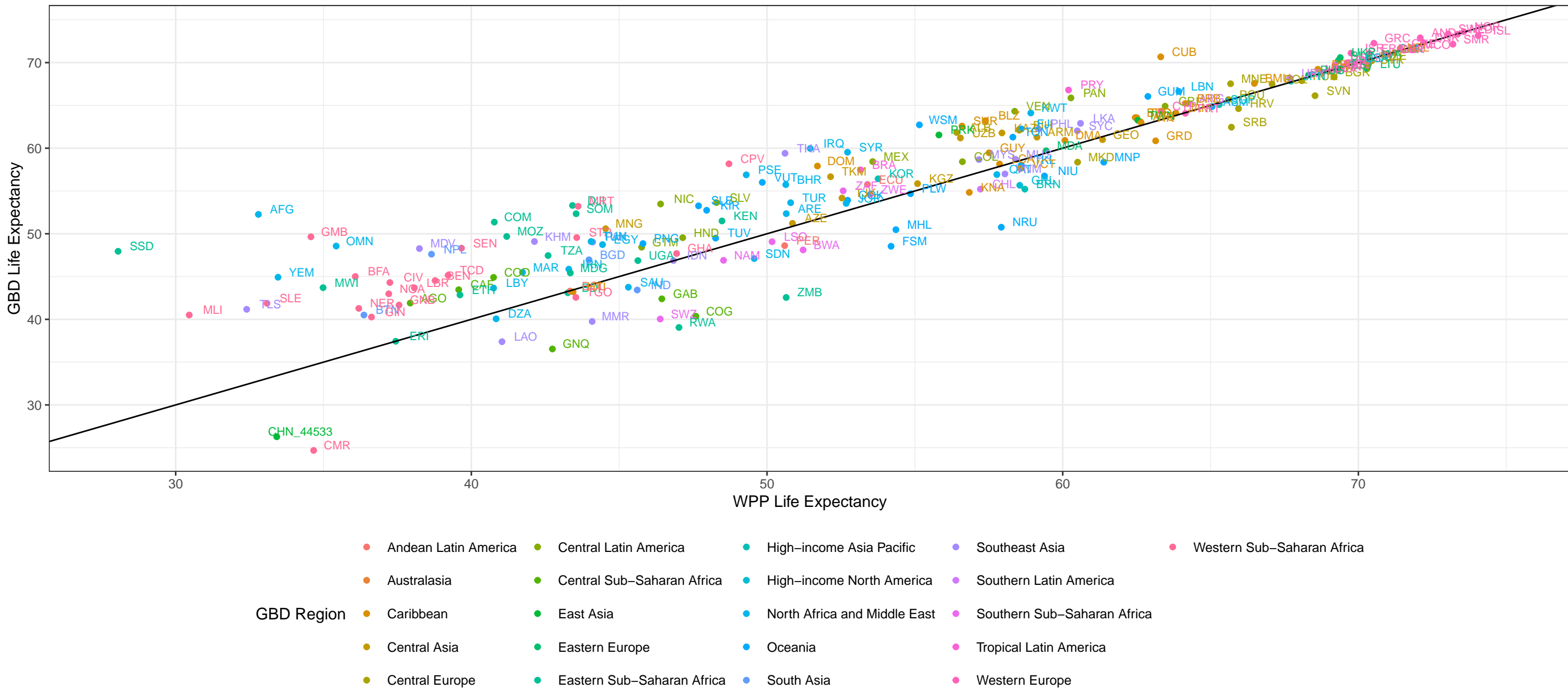
Appendix 2 Figure S8: Comparison of life expectancy at birth estimates for countries in GBD 2023 and WPP 2024 for 1950, both sexes combined



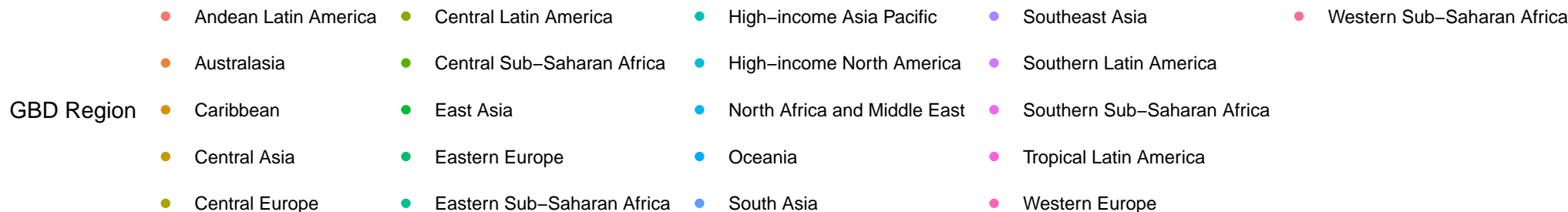
Appendix 2 Figure S8: Comparison of life expectancy at birth estimates for countries in GBD 2023 and WPP 2024 for 1955, both sexes combined



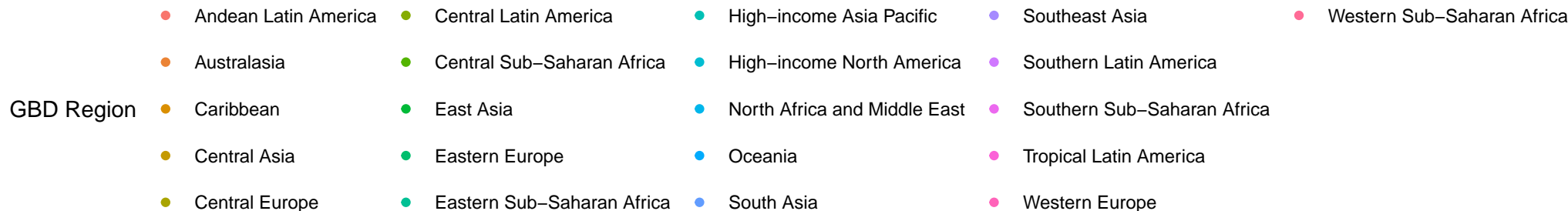
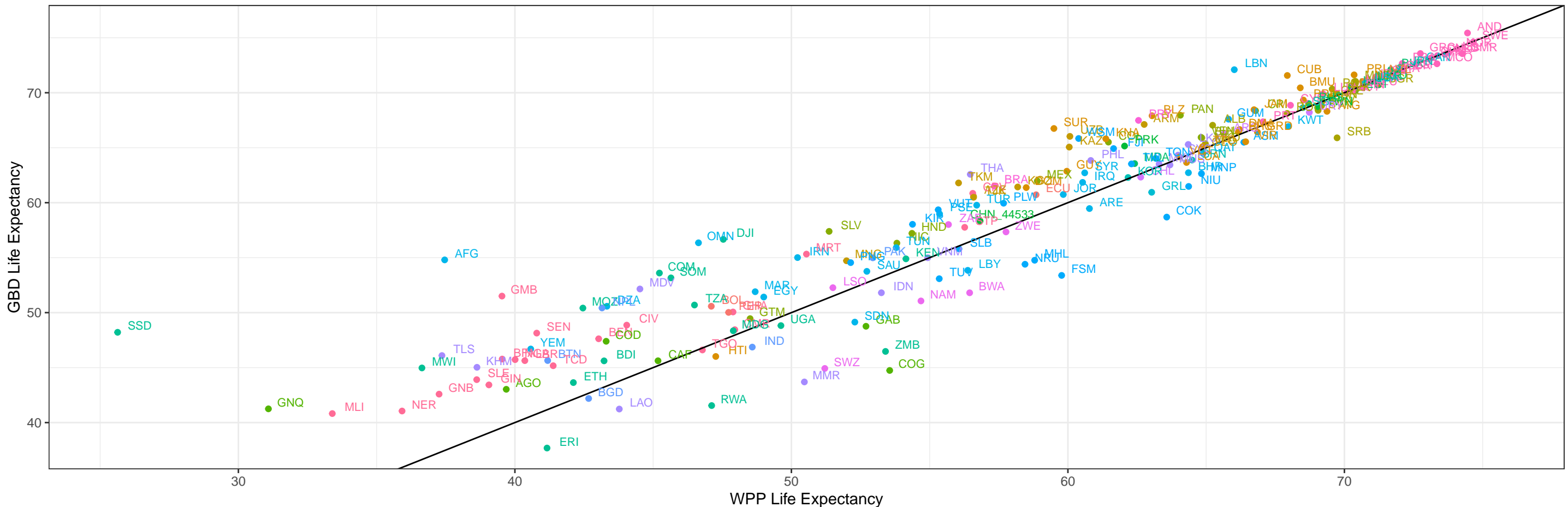
Appendix 2 Figure S8: Comparison of life expectancy at birth estimates for countries in GBD 2023 and WPP 2024 for 1960, both sexes combined



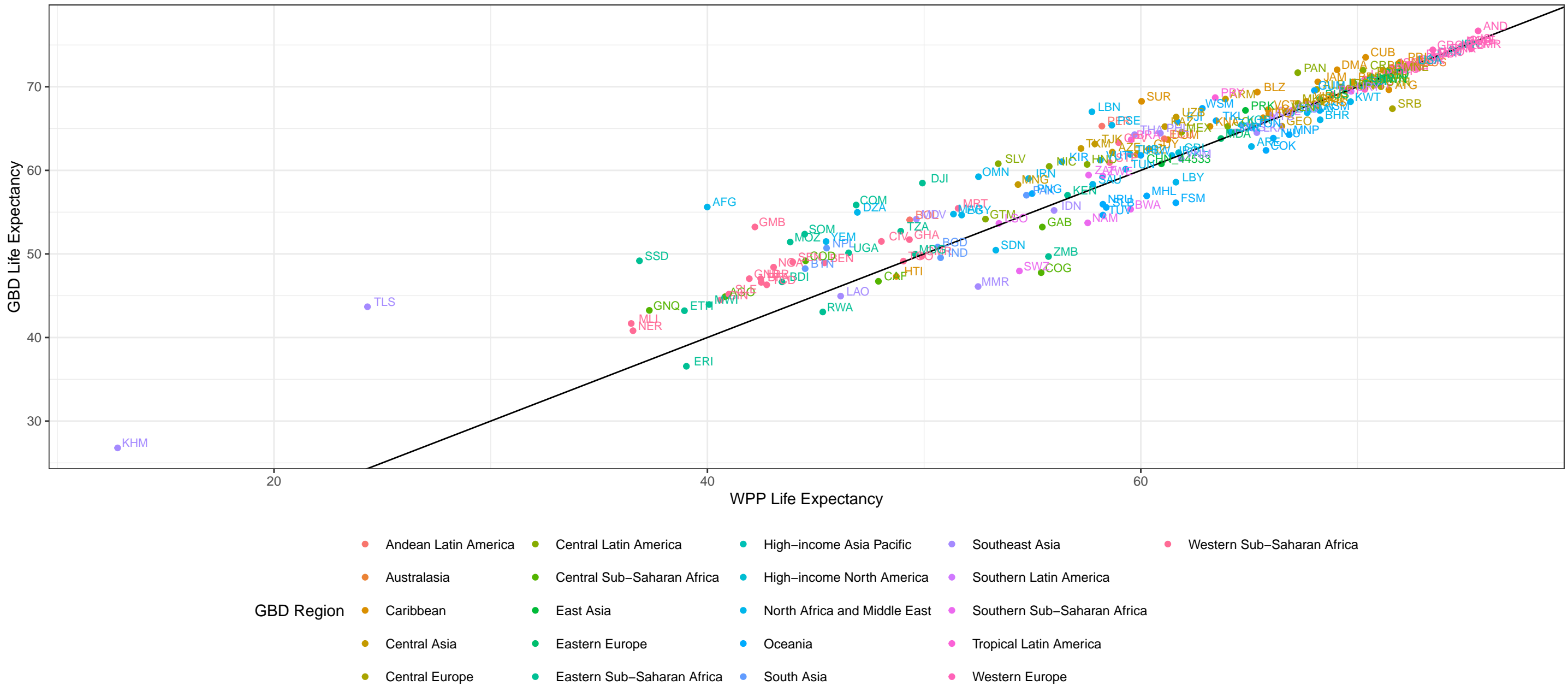
Appendix 2 Figure S8: Comparison of life expectancy at birth estimates for countries in GBD 2023 and WPP 2024 for 1965, both sexes combined



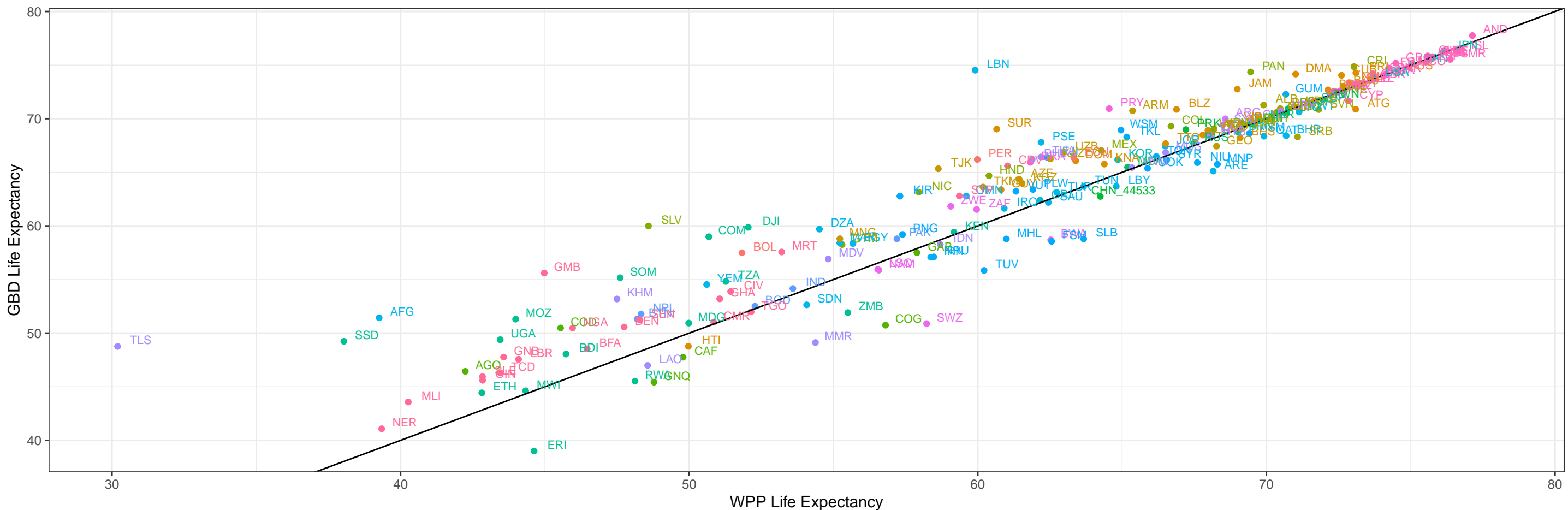
Appendix 2 Figure S8: Comparison of life expectancy at birth estimates for countries in GBD 2023 and WPP 2024 for 1970, both sexes combined



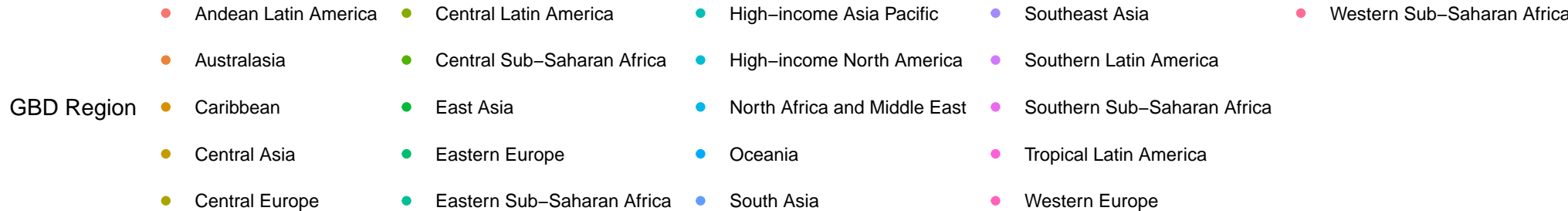
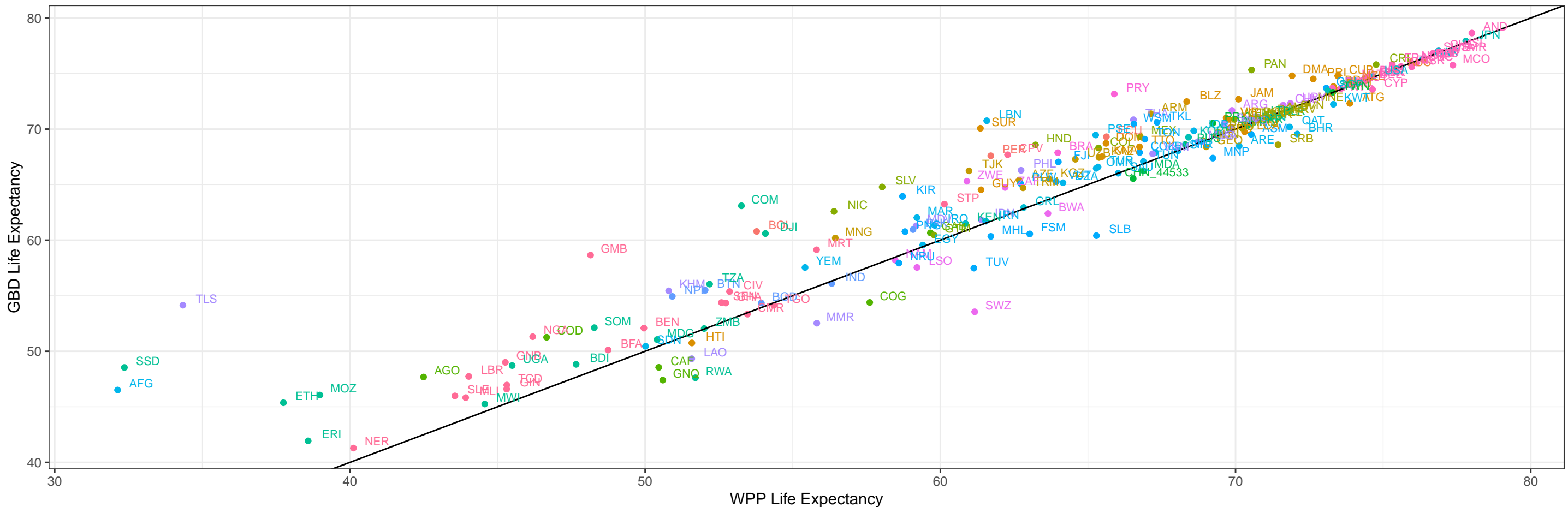
Appendix 2 Figure S8: Comparison of life expectancy at birth estimates for countries in GBD 2023 and WPP 2024 for 1975, both sexes combined



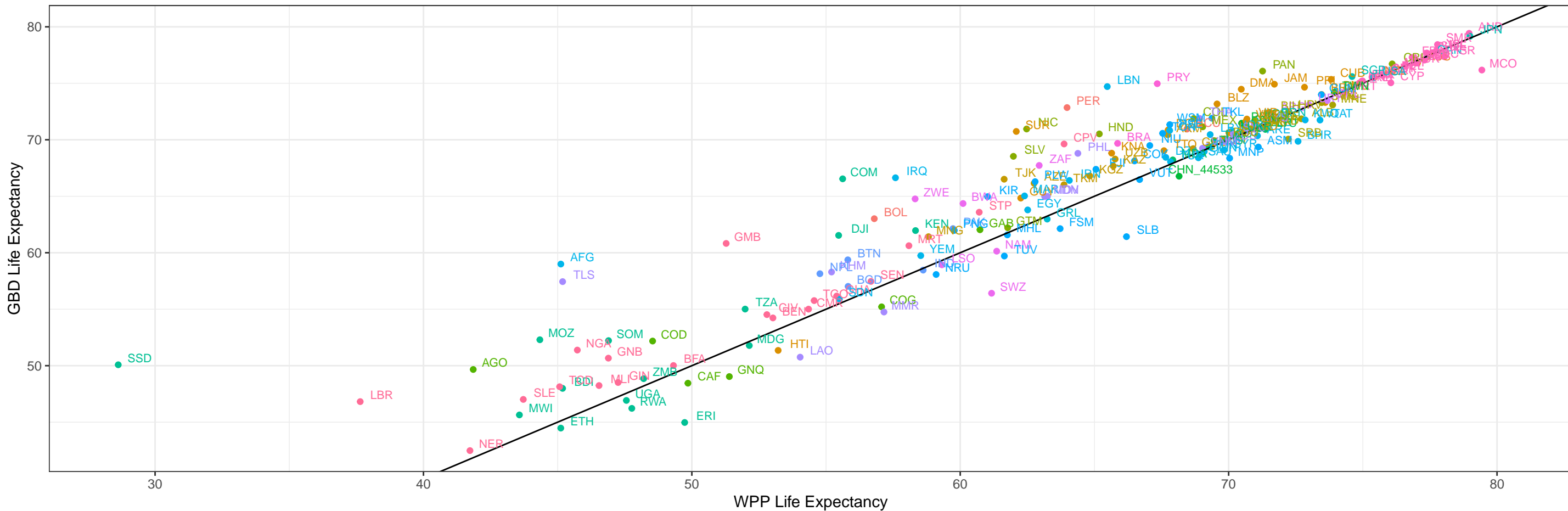
Appendix 2 Figure S8: Comparison of life expectancy at birth estimates for countries in GBD 2023 and WPP 2024 for 1980, both sexes combined



Appendix 2 Figure S8: Comparison of life expectancy at birth estimates for countries in GBD 2023 and WPP 2024 for 1985, both sexes combined



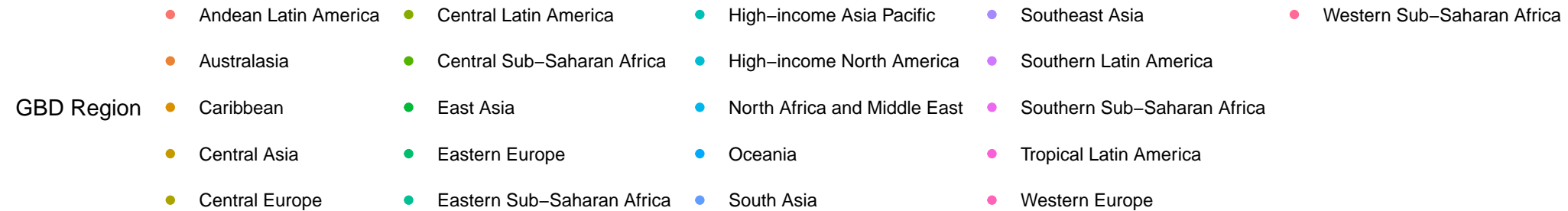
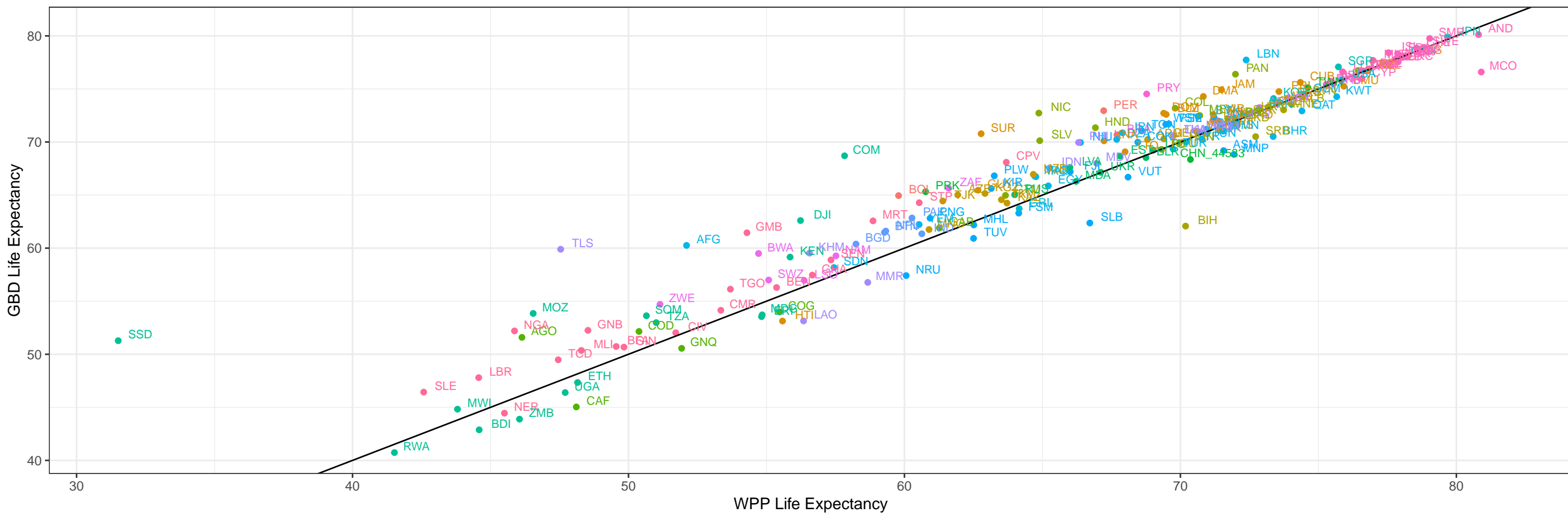
Appendix 2 Figure S8: Comparison of life expectancy at birth estimates for countries in GBD 2023 and WPP 2024 for 1990, both sexes combined



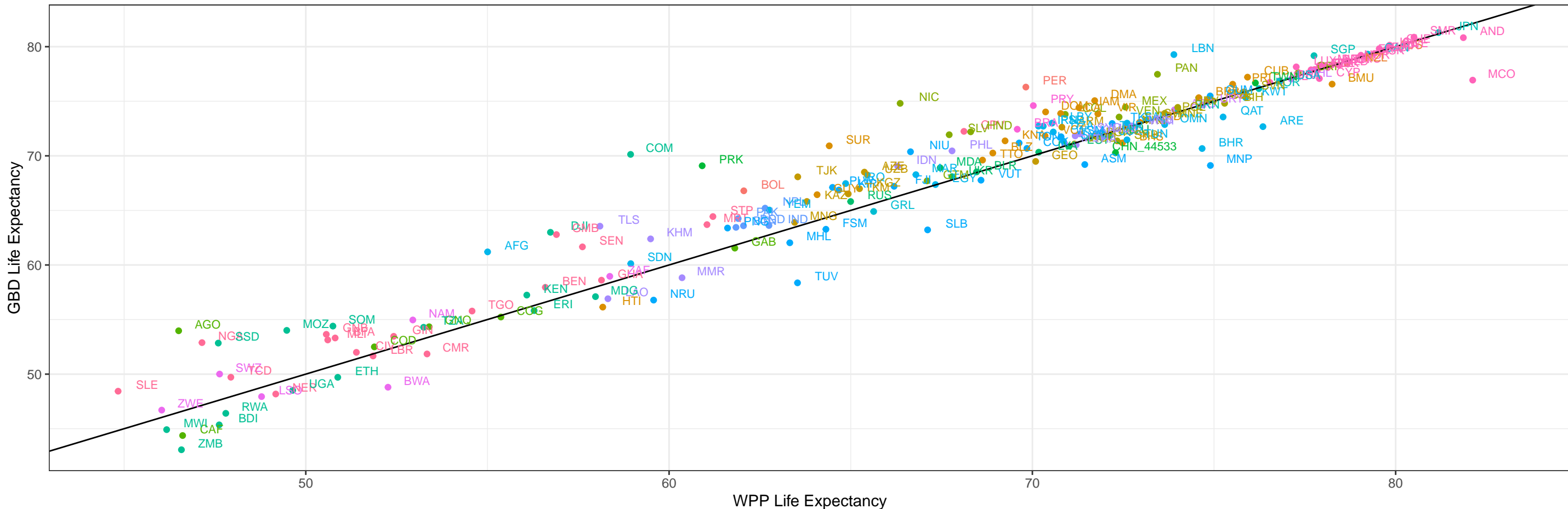
GBD Region

- | | | | | |
|------------------------|------------------------------|--------------------------------|-------------------------------|------------------------------|
| ● Andean Latin America | ● Central Latin America | ● High-income Asia Pacific | ● Southeast Asia | ● Western Sub-Saharan Africa |
| ● Australasia | ● Central Sub-Saharan Africa | ● High-income North America | ● Southern Latin America | |
| ● Caribbean | ● East Asia | ● North Africa and Middle East | ● Southern Sub-Saharan Africa | |
| ● Central Asia | ● Eastern Europe | ● Oceania | ● Tropical Latin America | |
| ● Central Europe | ● Eastern Sub-Saharan Africa | ● South Asia | ● Western Europe | |

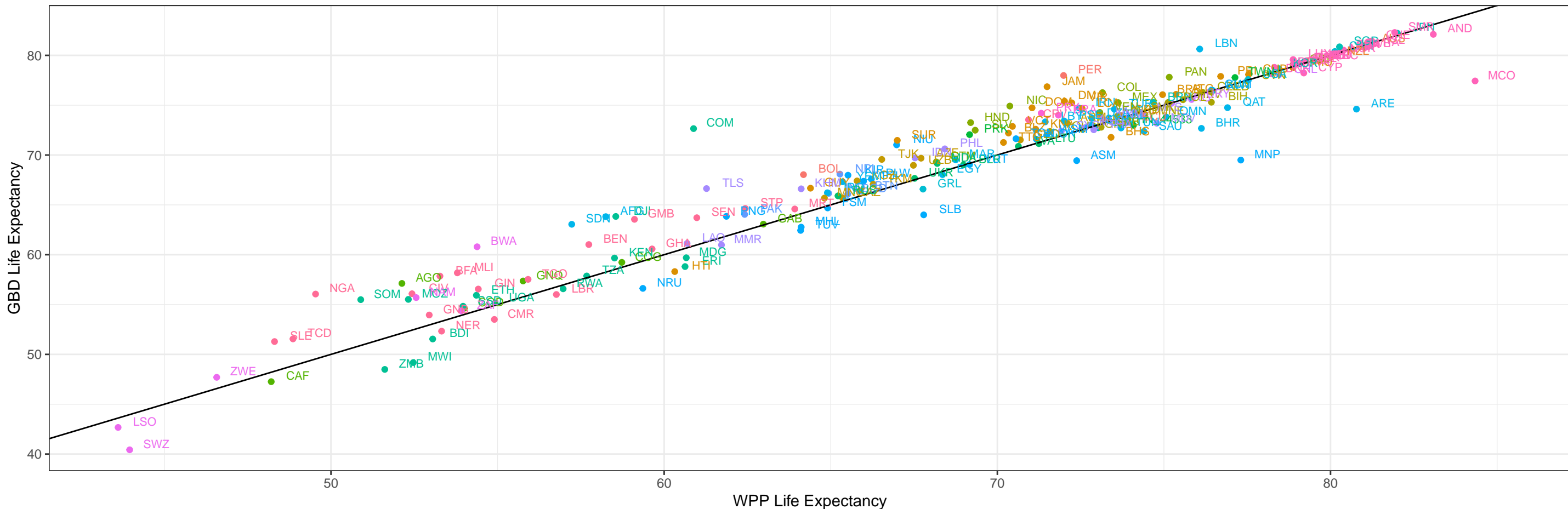
Appendix 2 Figure S8: Comparison of life expectancy at birth estimates for countries in GBD 2023 and WPP 2024 for 1995, both sexes combined



Appendix 2 Figure S8: Comparison of life expectancy at birth estimates for countries in GBD 2023 and WPP 2024 for 2000, both sexes combined



Appendix 2 Figure S8: Comparison of life expectancy at birth estimates for countries in GBD 2023 and WPP 2024 for 2005, both sexes combined

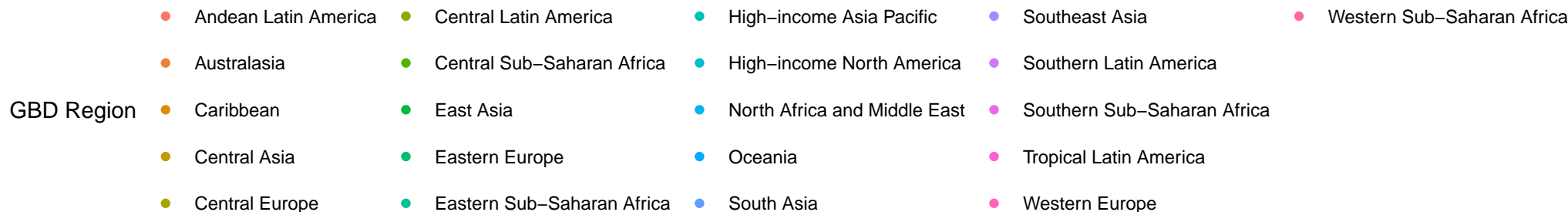
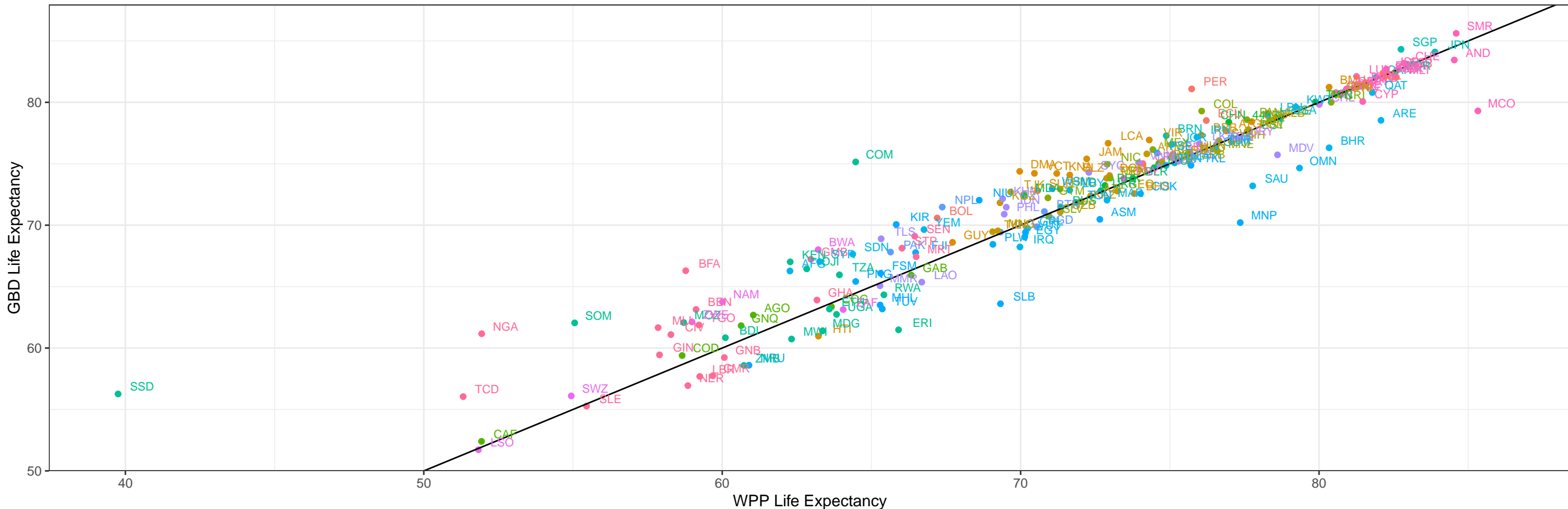


Appendix 2 Figure S8: Comparison of life expectancy at birth estimates for countries in GBD 2023 and WPP 2024 for 2010, both sexes combined



- GBD Region
- | | | | | |
|----------------------|----------------------------|------------------------------|-----------------------------|----------------------------|
| Andean Latin America | Central Latin America | High-income Asia Pacific | Southeast Asia | Western Sub-Saharan Africa |
| Australasia | Central Sub-Saharan Africa | High-income North America | Southern Latin America | |
| Caribbean | East Asia | North Africa and Middle East | Southern Sub-Saharan Africa | Tropical Latin America |
| Central Asia | Eastern Europe | Oceania | | Western Europe |
| Central Europe | Eastern Sub-Saharan Africa | South Asia | | |

Appendix 2 Figure S8: Comparison of life expectancy at birth estimates for countries in GBD 2023 and WPP 2024 for 2015, both sexes combined



Appendix 2 Figure S8: Comparison of life expectancy at birth estimates for countries in GBD 2023 and WPP 2024 for 2020, both sexes combined

