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## R packages used

| Package | Version | Citation |
| --- | --- | --- |
| base | 4.2.1 | R Core Team (2022a) |
| colortools | 0.1.5 | Sanchez (2013) |
| glue | 1.6.2 | Hester and Bryan (2022) |
| grid | 4.2.1 | R Core Team (2022b) |
| hexbin | 1.28.2 | Carr et al. (2021) |
| knitr | 1.40 | Xie (2014); Xie (2015); Xie (2022) |
| MetBrewer | 0.2.0 | Mills (2022) |
| patchwork | 1.1.2 | Pedersen (2022) |
| rcartocolor | 2.0.0 | Nowosad (2018) |
| renv | 0.15.5 | Ushey (2022) |
| rmarkdown | 2.16 | Xie, Allaire, and Grolemund (2018); Xie, Dervieux, and Riederer (2020); Allaire et al. (2022) |
| scales | 1.2.1 | Wickham and Seidel (2022) |
| sf | 1.0.8 | Pebesma (2018) |
| sfheaders | 0.4.0 | Cooley (2020) |
| tidyverse | 1.3.2 | Wickham et al. (2019) |

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We used R version 4.2.1 (R Core Team 2022a) and the following R packages: colortools v. 0.1.5 (Sanchez 2013), glue v. 1.6.2 (Hester and Bryan 2022), grid v. 4.2.1 (R Core Team 2022b), hexbin v. 1.28.2 (Carr et al. 2021), knitr v. 1.40 (Xie 2014, 2015, 2022), MetBrewer v. 0.2.0 (Mills 2022), patchwork v. 1.1.2 (Pedersen 2022), rcartocolor v. 2.0.0 (Nowosad 2018), renv v. 0.15.5 (Ushey 2022), rmarkdown v. 2.16 (Xie, Allaire, and Grolemund 2018; Xie, Dervieux, and Riederer 2020; Allaire et al. 2022), scales v. 1.2.1 (Wickham and Seidel 2022), sf v. 1.0.8 (Pebesma 2018), sfheaders v. 0.4.0 (Cooley 2020), tidyverse v. 1.3.2 (Wickham et al. 2019).

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Xie, Yihui. 2014. “knitr: A Comprehensive Tool for Reproducible Research in R.” In *Implementing Reproducible Computational Research*, edited by Victoria Stodden, Friedrich Leisch, and Roger D. Peng. Chapman; Hall/CRC. <http://www.crcpress.com/product/isbn/9781466561595>.

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Xie, Yihui, Christophe Dervieux, and Emily Riederer. 2020. *R Markdown Cookbook*. Boca Raton, Florida: Chapman; Hall/CRC. <https://bookdown.org/yihui/rmarkdown-cookbook>.