

Building Undergraduate Research Skills Remotely – Cheng et al. Appendix E. Sample Student Work from Remote Individual Research Projects.

Our students generated the figures below using R Studio, and using data downloaded from the Global Burden of Disease Study (IHME, 2020). See the Methods section and GitHub (https://github.com/chfal/R_Workshop) for more detail on these methods. Student consent was obtained to share these figures.

Selected Figure from the student paper entitled: “Global Burden of Breast Cancer: A Comparison Between High & Low SDI Nations”

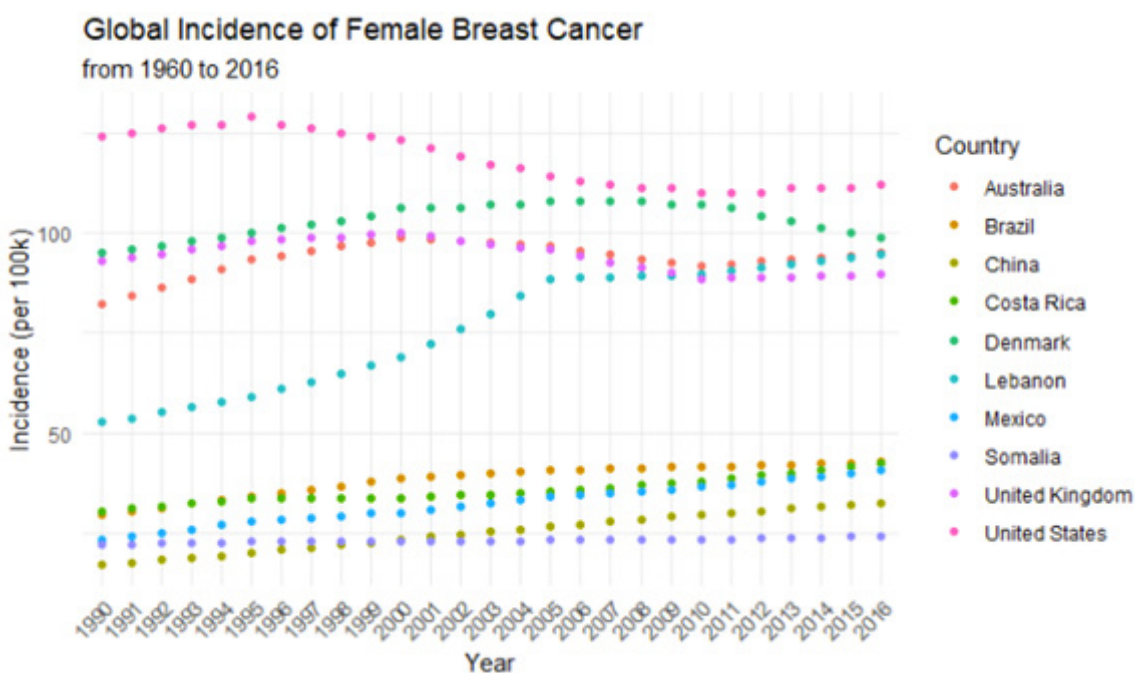


Figure 3. This figure is a representation of data from the IHME GBD 2017 study. Data includes incidence of female breast cancer per 100k from 1990 to 2016. All countries were chosen from the spectrum of SDI rankings at random. High ranking SDI countries included the United States, United Kingdom, Denmark, China, and Australia. Low ranking SDI countries included Brazil, Costa Rica, Lebanon, Mexico, and Somalia.

Selected Figures from the student paper entitled “Greenland’s Youth Smoking Problem”

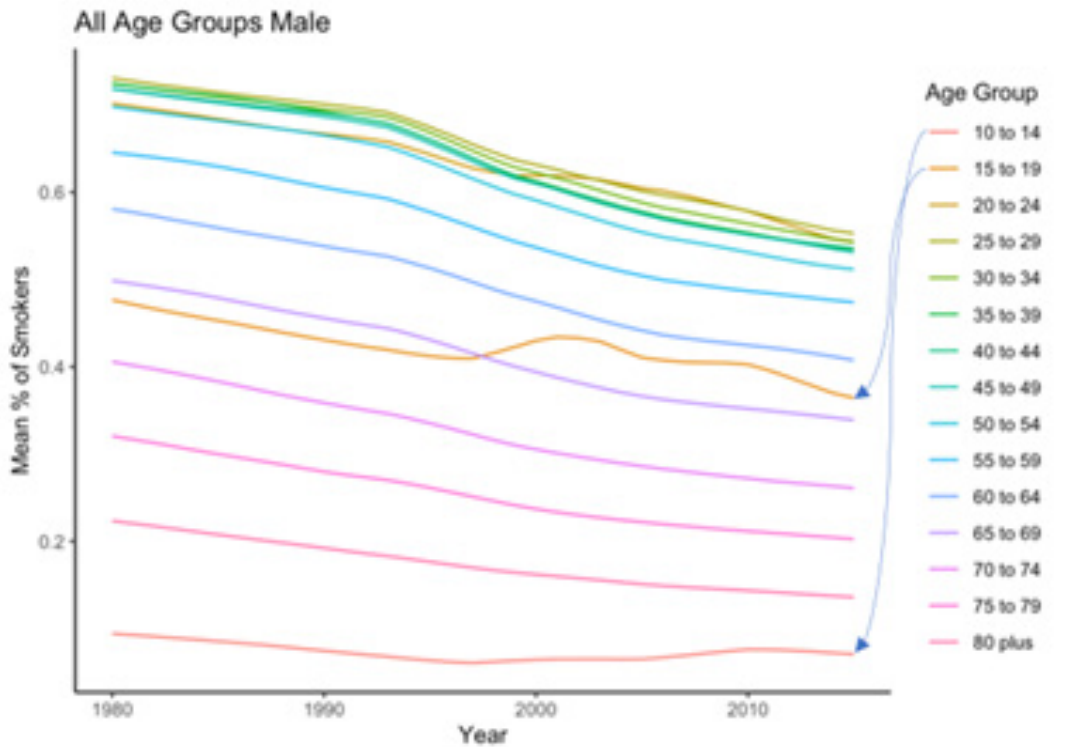


Figure 1. The figure above shows the comparison between all of the age groups within the male sex, and the change in their percentage over time within Greenland.

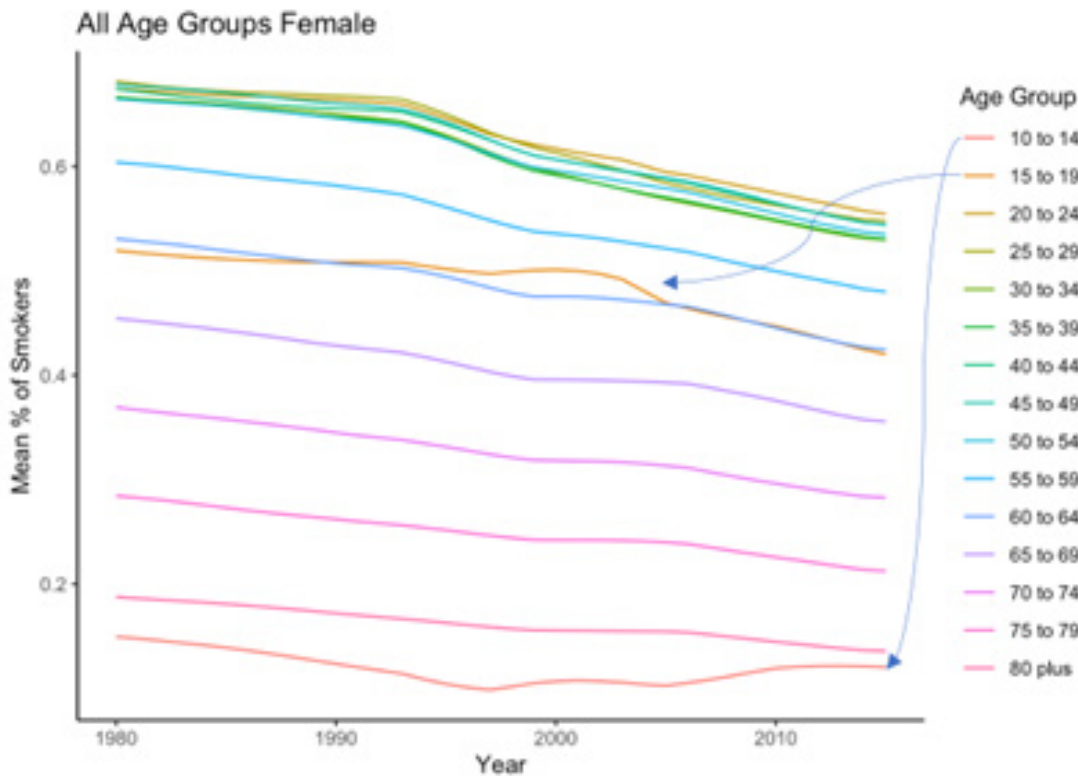


Figure 2. The figure above shows the comparison between all of the age groups within the female sex, and the change in their percentage over time within Greenland.