

Chapter 7 Training: Sampling Design

Scripts

This training module requires the following R scripts:

- *Exercise1_SimulatingPopulation.txt*
- *Exercise2_SRS and Poststratification.txt*
- *Exercise3_ModelAssistedSingleAuxiliary.txt*
- *Exercise4_ModelAssistedTwoAuxiliary.txt*
- *Exercise5_ModelBasedSingleAuxiliary_wthinned.txt*
- *Exercise6_ModelBasedTwoAuxiliary.txt*
- *Exercise7_ModelBasedTokAlaska.txt*

Data

The data files included in the zipped folder include the following:

- *Ex7data.RData*: Used in Exercise 7
- *Toksat_aa83_21.tif*: Used in Exercise 7

A note on unzipping files: if you find you are on a Mac and have trouble unzipping the files manually (for example instead of unzipping it gives you a .zip.cpgz file), you will need to use the Terminal to unzip the file. Open up the terminal and run the following command:

```
unzip location/of/file/filename.zip
```

Be sure to replace “location/of/file/filename.zip” with the actual file path of the zipped file.

This will unzip the file into your home directory, which you can then move to whichever location you prefer.

Supplemental materials

Additional materials are included in the SupplementaryMaterials.zip folder. These files are not necessary to complete the training, but provide information that may be helpful.

The supplemental materials in the zipped folder include:

- *Ch7_slides.pdf*: These slides contain information that explains the statistics used in the tutorial.