BISC/ES 307, Lab 1: Ecoclimate & Public Health

Pre-Lab 1B

INTRODUCTION

Our second Lab 2 session focuses on visualizing a more complex dataset collected by collaborators at the Central Arizona-Phoenix (CAP) Long-Term Ecological Research (LTER) site: https://sustainability.asu.edu/caplter/. This lab will build on our discussions in class about complexities in determining how organisms actually experience climate.

PRE-LAB ASSIGNMENTS

1. Read and work through sections 5.1-5.6 in the R for Data Science Book: http://r4ds.had.co.nz/transform.html You only need to skim sections 5.6.4 and 5.6.5 so that you know what content is in these sections in case you'd like to come back to these later on.

2. **ASSIGNMENT:** For your Pre-Lab 1B assignment (2 points, credit/non) you should submit answers to at least <u>three</u> of the end-of-section exercises from 5.1-5.6 via Sakai before Monday, September 18 at 10pm. You should submit a document with your answers as a .PDF titled: BISC307_PreLab1B_YOURLASTNAME.pdf Your Pre-Lab Assignment will not be graded, but is designed as an opportunity for you to become familiar with some concepts that will come up in lab before we start.