pivot\_lobsters.rmd

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## attach libraries

library(tidyverse) library(readxl) library(here) library(skimr) # install.packages(‘skimr’) library(kableExtra) # install.packages(‘kableExtra’) #read xlsx file ## read in data lobsters <- read\_xlsx(here(“data/lobsters.xlsx”), skip=4) # explore data skimr::skim(lobsters) #group\_by multiple variables lobsters %>% group\_by(site, year) %>% summarize(count\_by\_siteyear = n()) #assign siteyear\_summary <- lobsters %>% group\_by(year, site) %>% summarize(count\_by\_siteyear = n(), mean\_size\_mm = mean(size\_mm, na.rm = TRUE), sd\_size\_mm = sd(size\_mm, na.rm = TRUE)) ## make a table with our new variable siteyear\_summary %>% kable()