figure\_m\_v\_f\_sumstats

2022-08-01

library(tidyverse)

## ── Attaching packages ─────────────────────────────────────── tidyverse 1.3.2 ──  
## ✔ ggplot2 3.3.6 ✔ purrr 0.3.4  
## ✔ tibble 3.1.8 ✔ dplyr 1.0.9  
## ✔ tidyr 1.2.0 ✔ stringr 1.4.0  
## ✔ readr 2.1.2 ✔ forcats 0.5.1  
## ── Conflicts ────────────────────────────────────────── tidyverse\_conflicts() ──  
## ✖ dplyr::filter() masks stats::filter()  
## ✖ dplyr::lag() masks stats::lag()

library(readxl)  
library(extrafont)

## Registering fonts with R

m\_f\_sumstats <- read\_excel("C:\\Users\\19177\\OneDrive - Colostate\\Desktop\\Dissertation\\headscan\_dissertation\\PAPER\_2\\m\_f\_sumstats.xlsx")

ggplot(data=m\_f\_sumstats, aes(x=Measure, y=Mean, fill=Gender))+  
 geom\_bar(position="dodge", stat= "identity")+  
 theme\_bw()+theme(text=element\_text(family= "Times New Roman"))+  
 theme(axis.text.x = element\_text(angle = 45, vjust=0.7))+  
 scale\_fill\_manual(values = c("grey80", "gray40"))+  
 scale\_colour\_manual(values="black")+  
 labs(title="Measurement Means for Male and Female Genders",  
 y="Measurement (mm)",  
 x="Measurement Location")

