

Stats 15 - Homework 1

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```
library(knitr)
library(ggplot2)
library(magrittr)
library(tidyverse)

## -- Attaching packages ----- tidyverse 1.3.2 --
## v tibble 3.1.8      v dplyr 1.0.10
## v tidyr 1.2.1      v stringr 1.4.1
## v readr 2.1.3      v forcats 0.5.2
## v purrr 0.3.4
## -- Conflicts ----- tidyverse_conflicts() --
## x tidyr::extract() masks magrittr::extract()
## x dplyr::filter() masks stats::filter()
## x dplyr::lag() masks stats::lag()
## x purrr::set_names() masks magrittr::set_names()

p <- data.frame(c(0.8, 0.6, 0.4, 0.2, 0.01))
df <- data.frame((1000*p*0.5)/950)

r1 <- data_frame(n = 1:5)%>%
  mutate(x=p)%>%
  mutate(y=df)%>%
  ggplot(aes(
    x = x,
    y = y
  ))+geom_point()

## Warning: `data_frame()` was deprecated in tibble 1.1.0.
## Please use `tibble()` instead.
```