

Project 1: PCA Analysis on a Birthweight Dataset

Trevor Carpenter, Christina De Cesaris, Michelle Tran
STA 135: Multivariate Data Analysis
Professor Maxime Pouokam
University of California, Davis
May 4, 2021

I. Introduction

II. Summary of Data

III. Analysis

IV. Interpretation

V. Conclusion

Appendix: R Script

```
knitr::opts_chunk$set(echo = F)
smok = read.csv("data/Birthweight_reduced_kg_R.csv")
#subset(smok, smoker == 1, select = c("Length", "Birthweight"))
#Plots
```