

STAT646 - Homework 1

Daniel Osorio - dcosorih@tamu.edu

Department of Veterinary Integrative Biosciences

Texas A&M University

1. **Background Information:** My name is Daniel Osorio; I'm a Ph.D. student in Biomedical Sciences from the Department of Veterinary Integrative Biosciences. Before joining TAMU, I did my bachelor in biology and my master in bioinformatics in Colombia. I consider myself proficient in R programming, I'm the principal maintainer of four R packages available in CRAN ('Peptides', 'minval', 'g2f' and 'exp2flux'). My main goal taking this class is to complete the requirements to obtain the Applied Statistics Certificate offered by the Statistic Department. My research topic is related with the analysis of zero-inflated negative binomial distributions product of the single-cell sequencing.