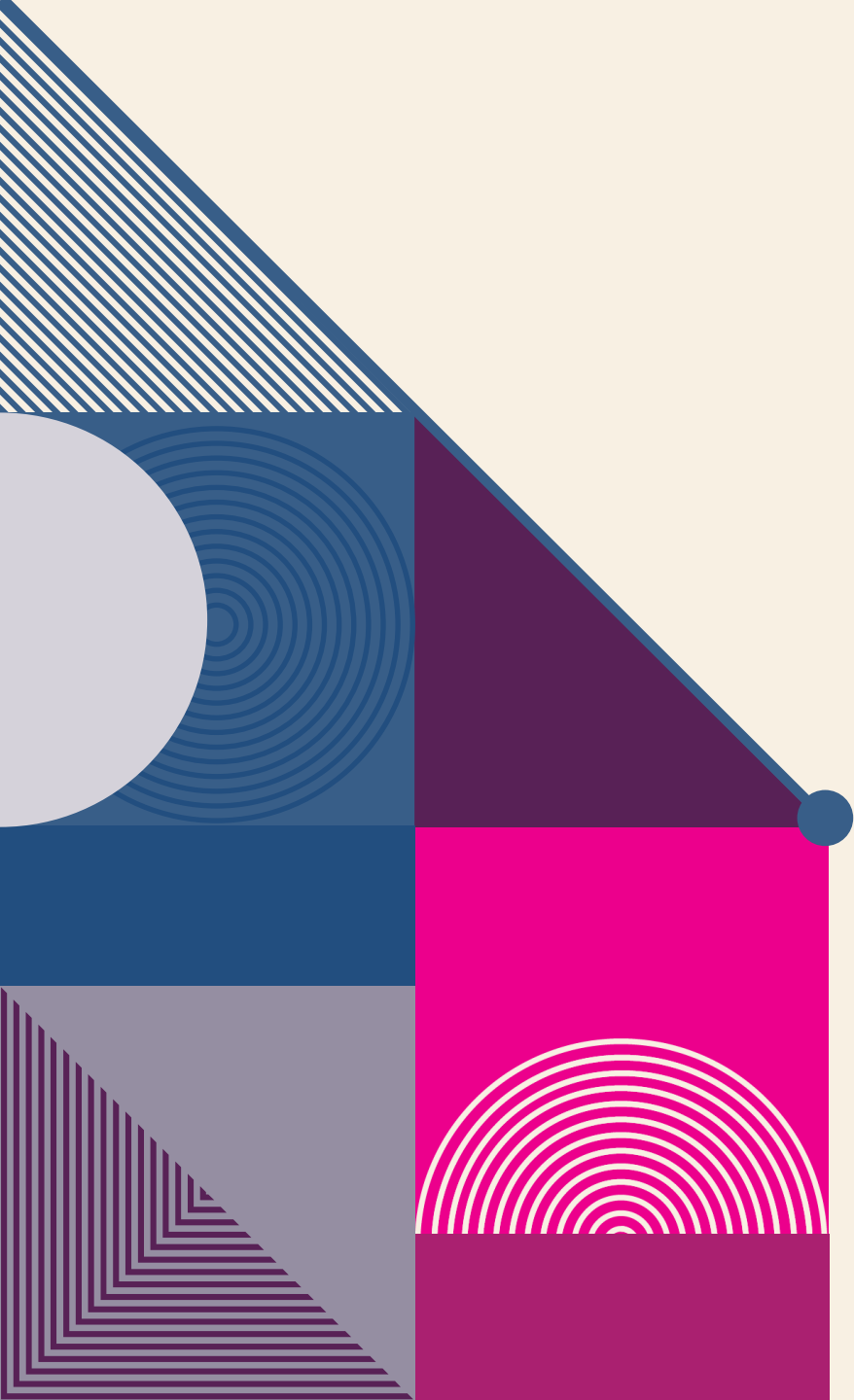




# **ANTHROPOLOGY DATA ANALYSIS 1**

**NAZIM ATAKAN ERDOGAN**



# AGENDA

Introduction

EDA

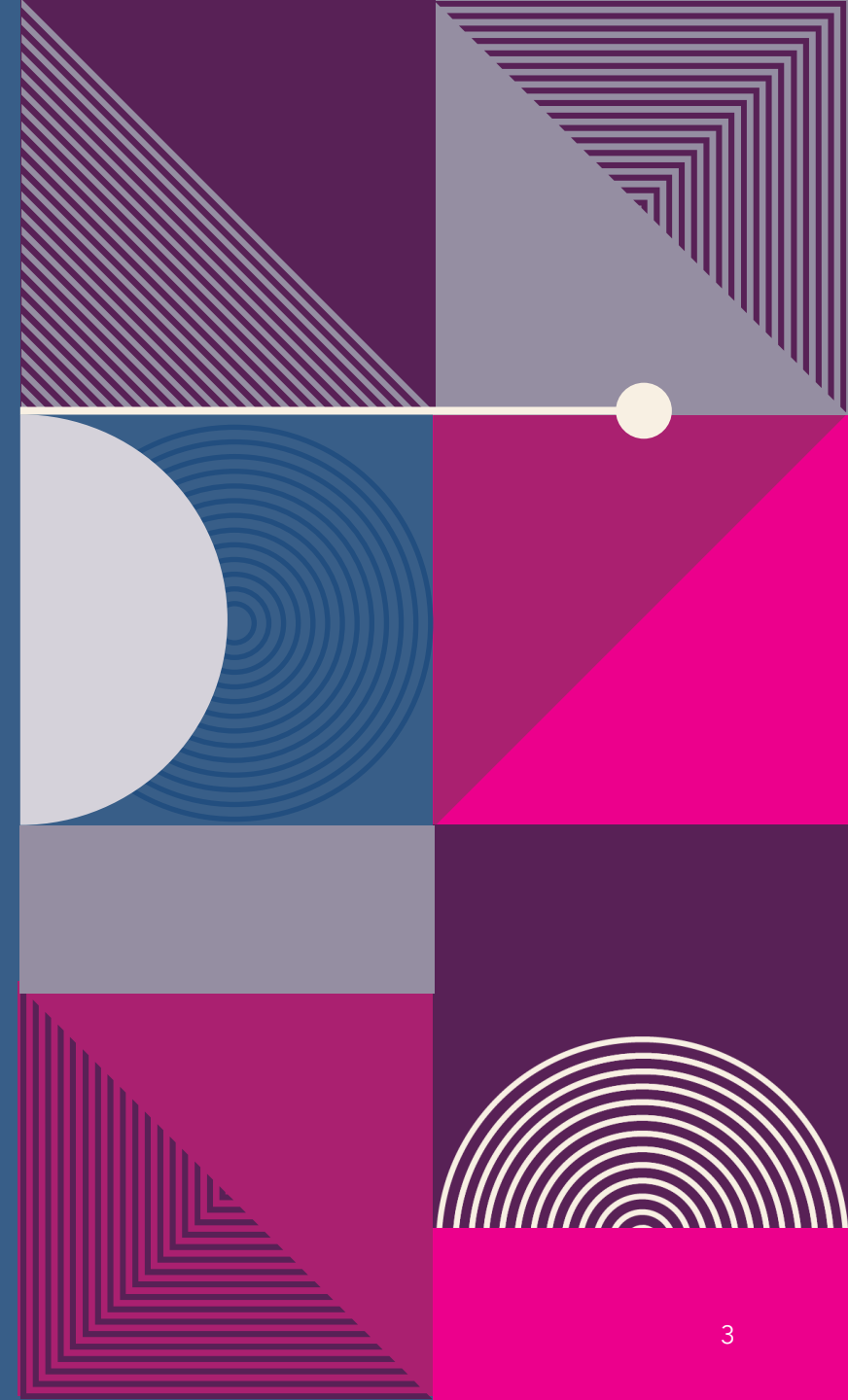
Machine Learning

Conclusions

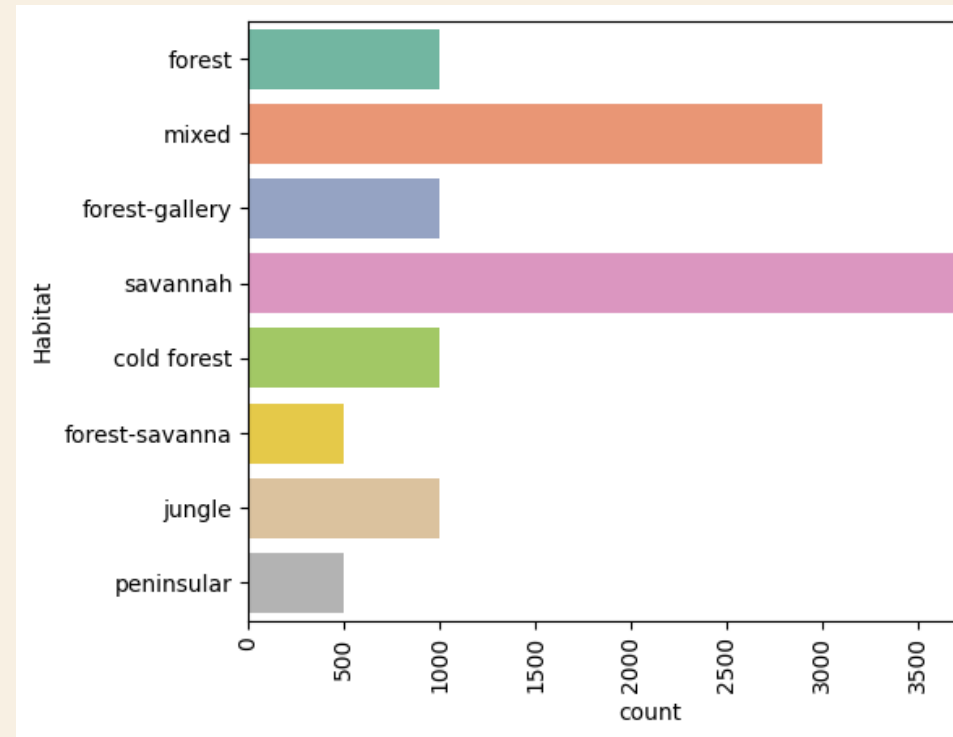
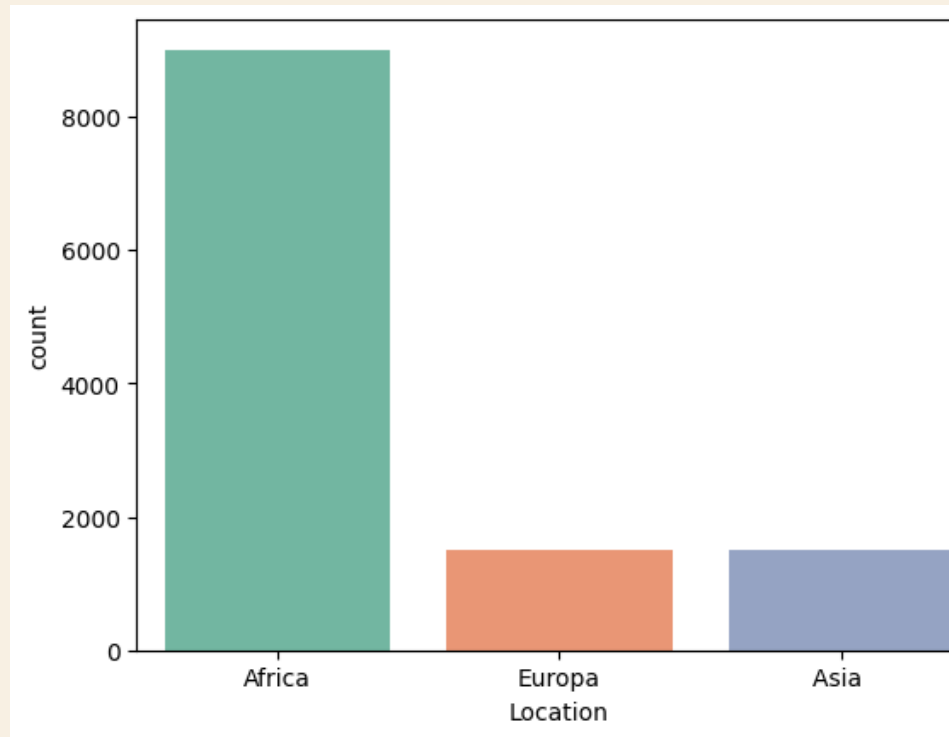
# PROJECT OVERVIEW

Various factors and their interrelationships were investigated and analyzed for human origins and evolution process. Exploratory Data Analysis (EDA) and simple machine learning algorithms were employed to explore the correlations among height, bipedality, cranial capacity, diet, and technological development.

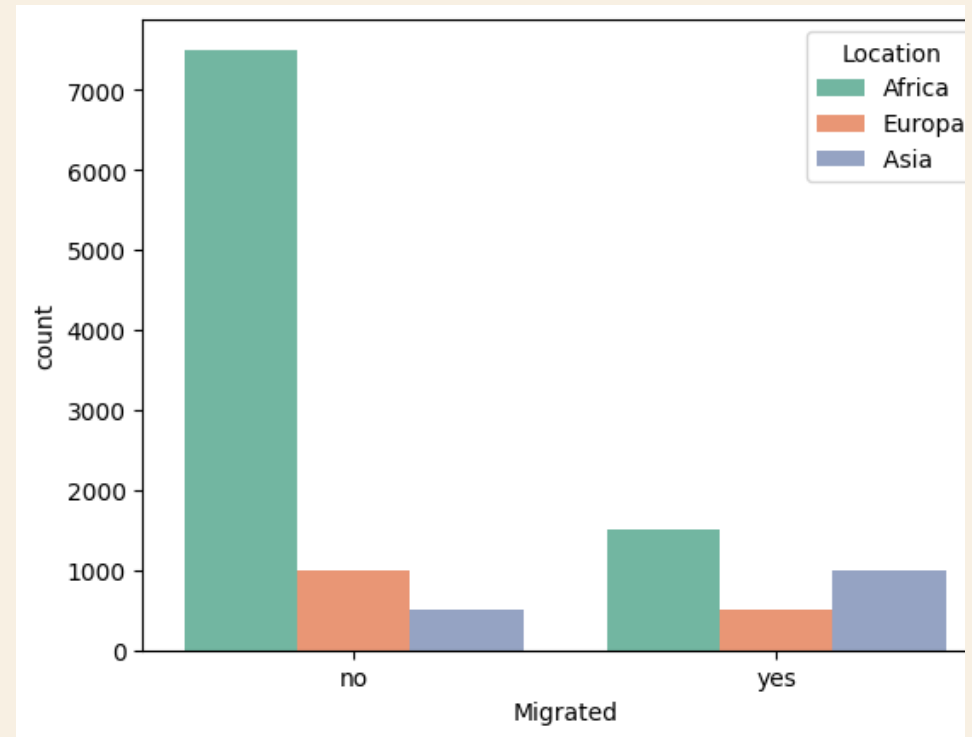
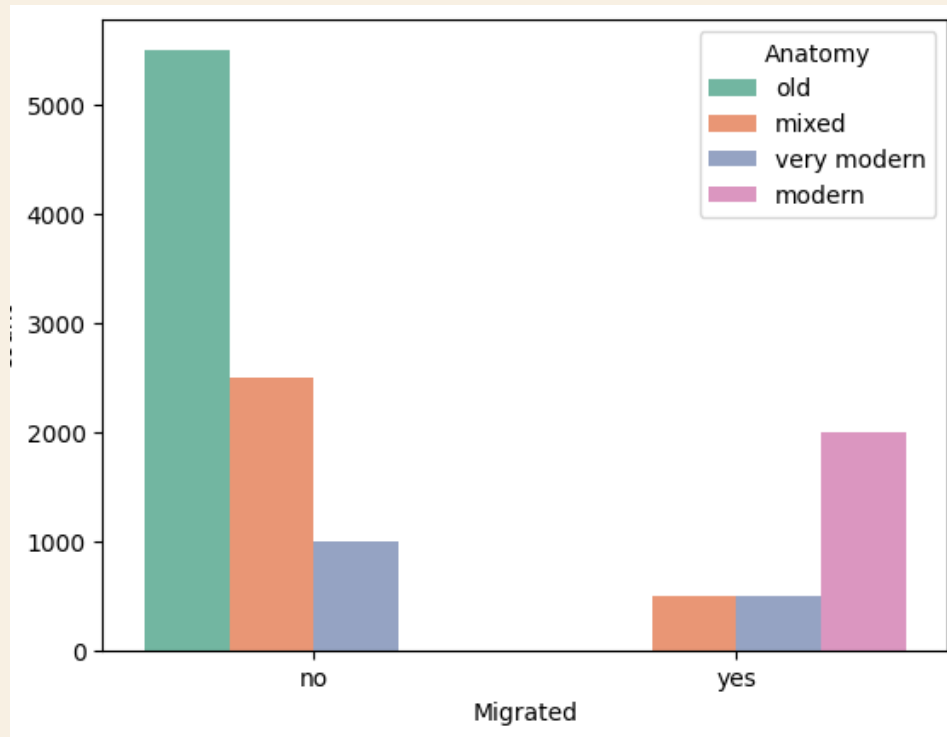
In particular, the study examined the relationships between cranium size and technological advancement, as well as bipedality and its evolution over time. Additionally, the connections between jaw size, diet, teeth structure, skeleton, and overall anatomy were thoroughly explored.



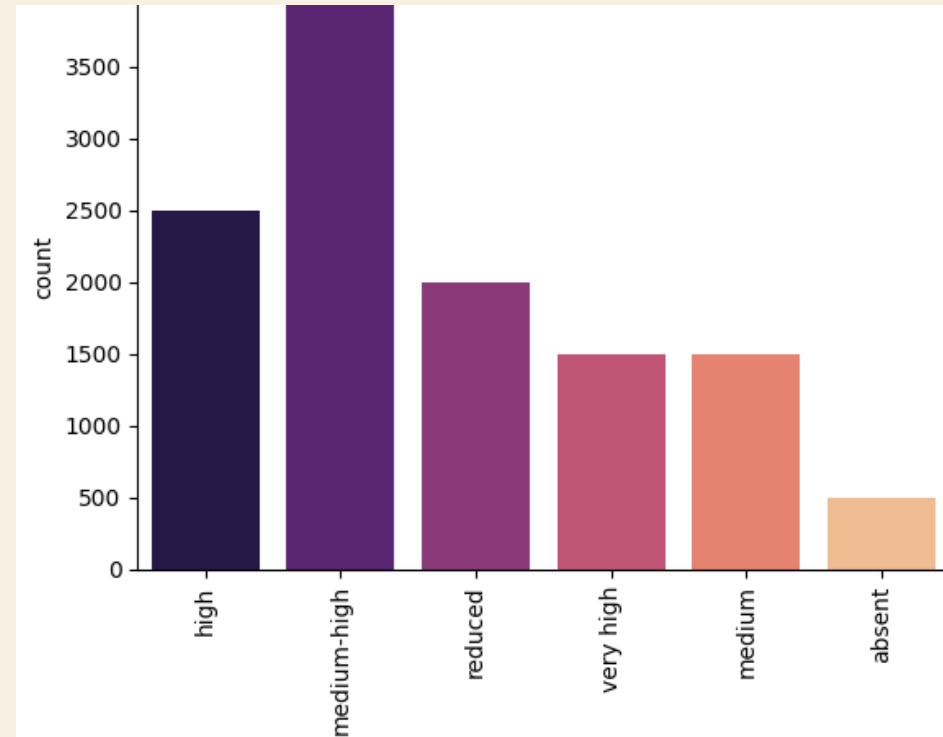
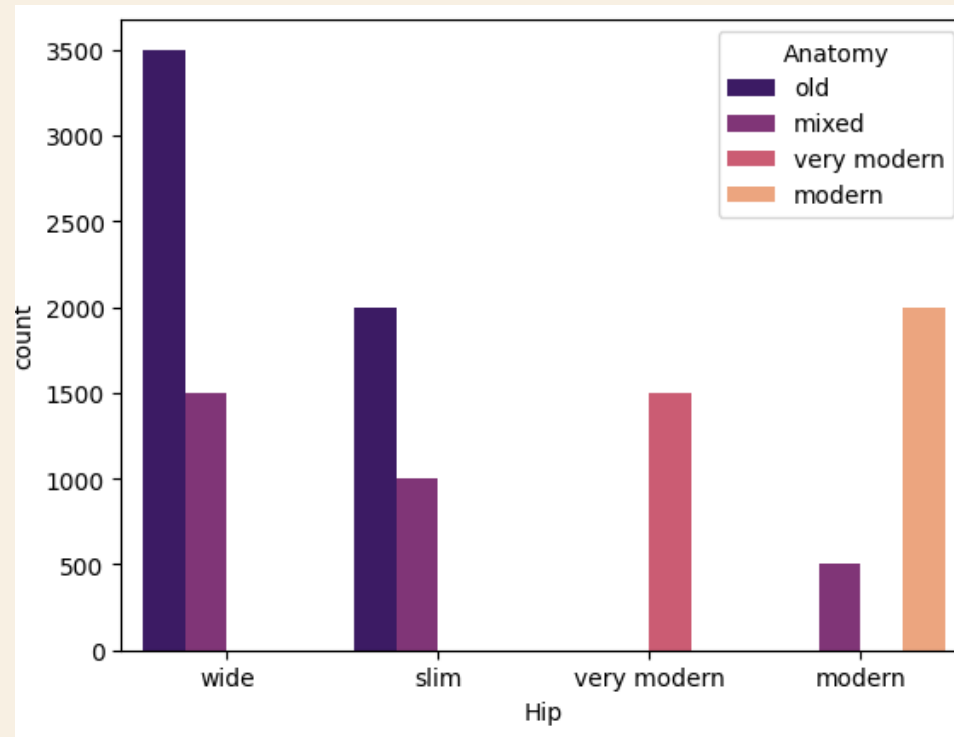
# LOCATION AND HABITAT



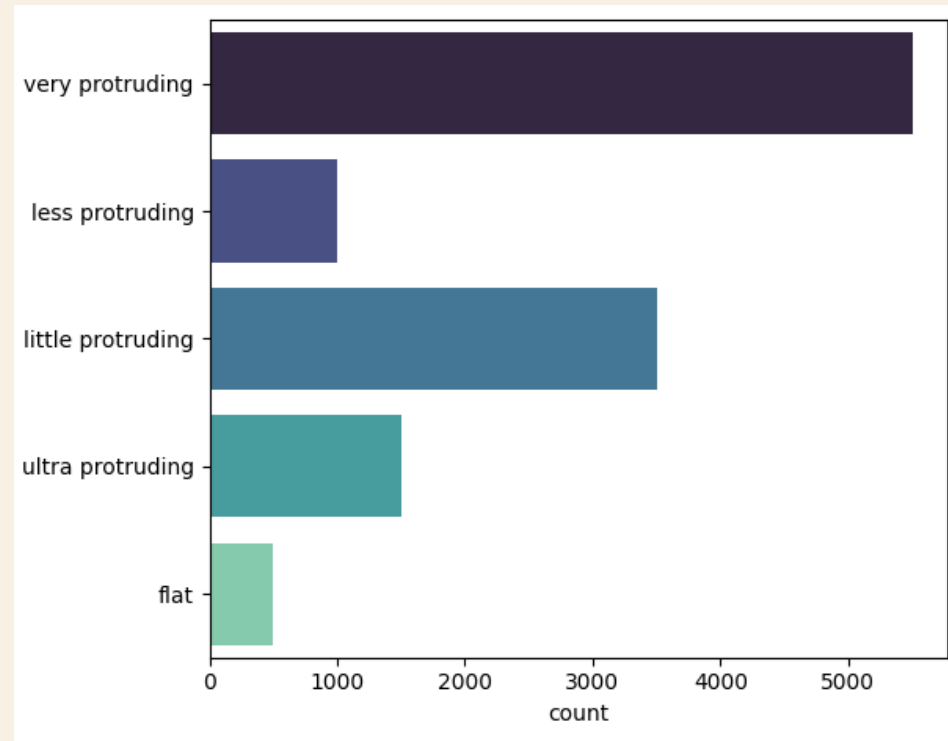
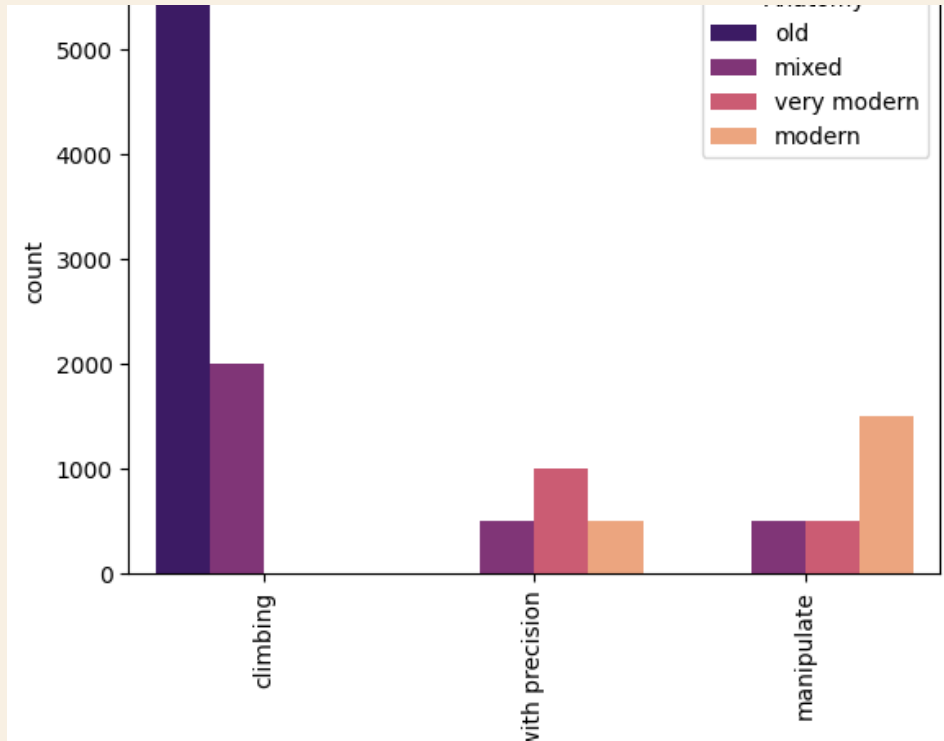
# MIGRATION



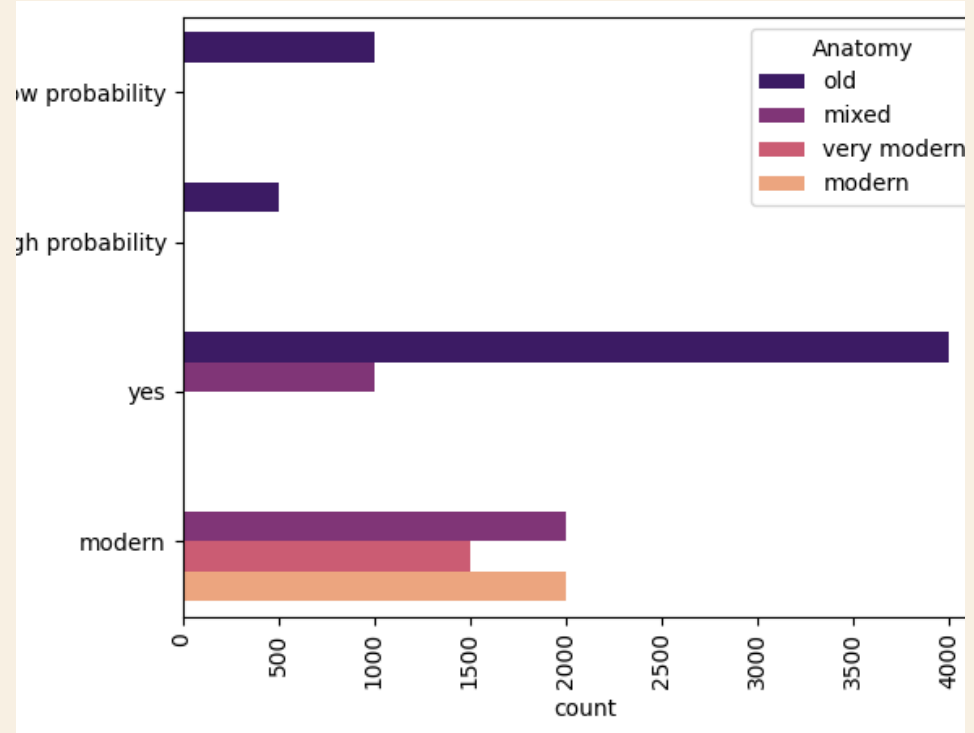
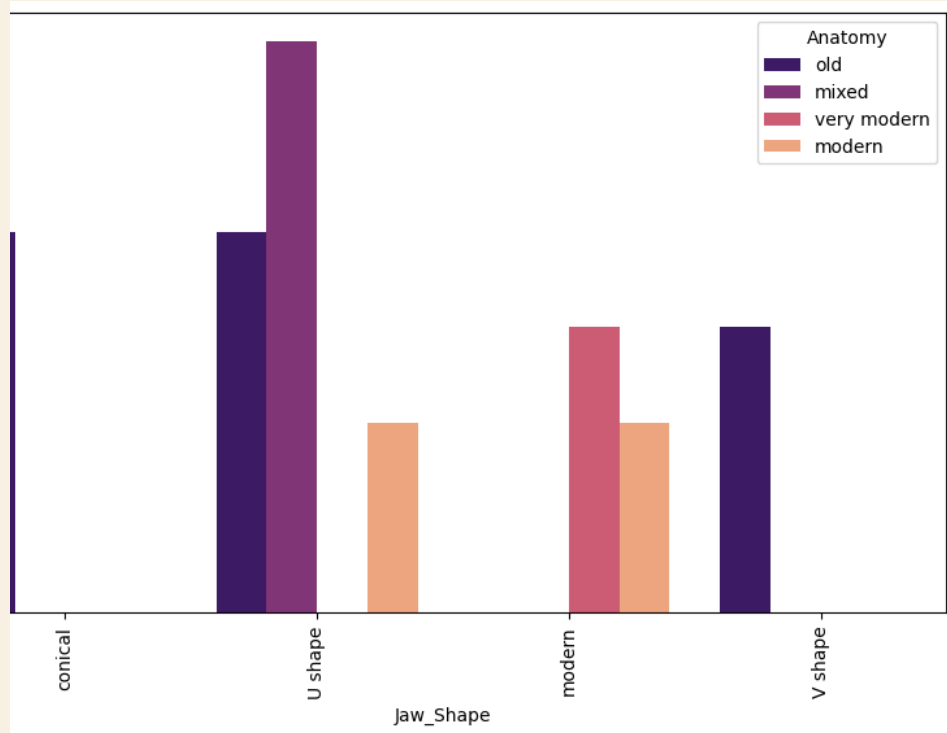
# HIP AND PROGNATHISM



# ARMS AND TORUS SUPRAORBITAL

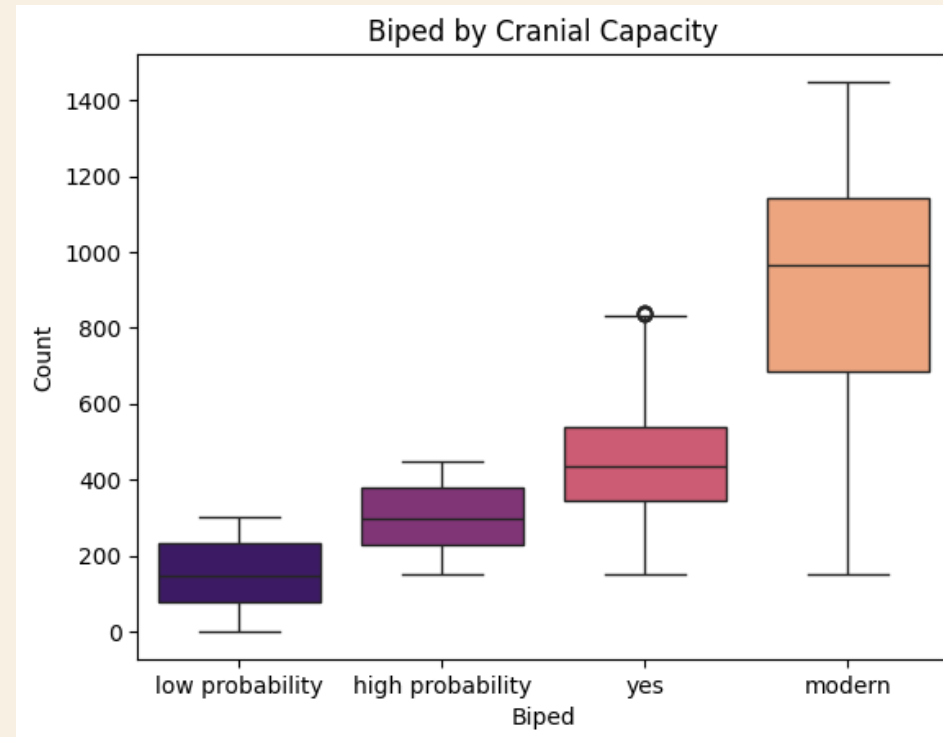
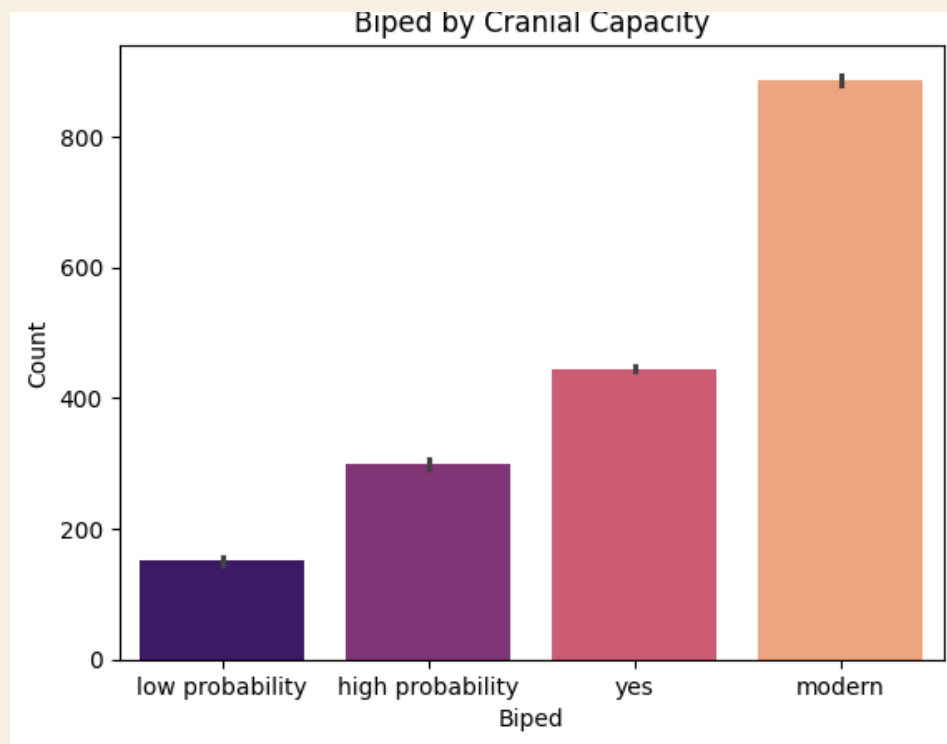


# BIPED VS JAW SHAPE

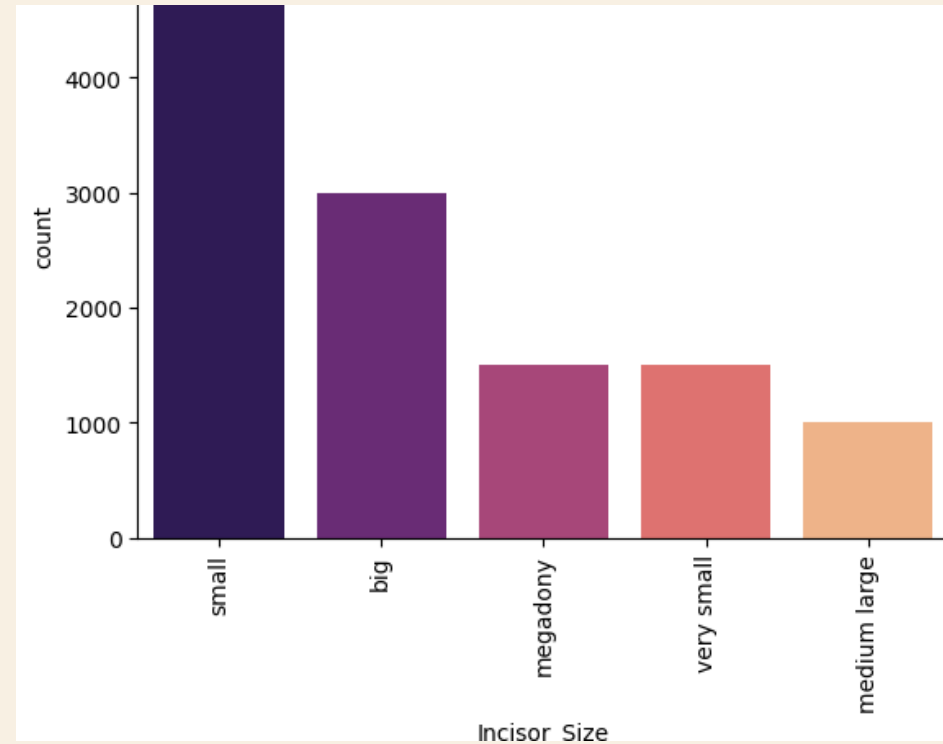
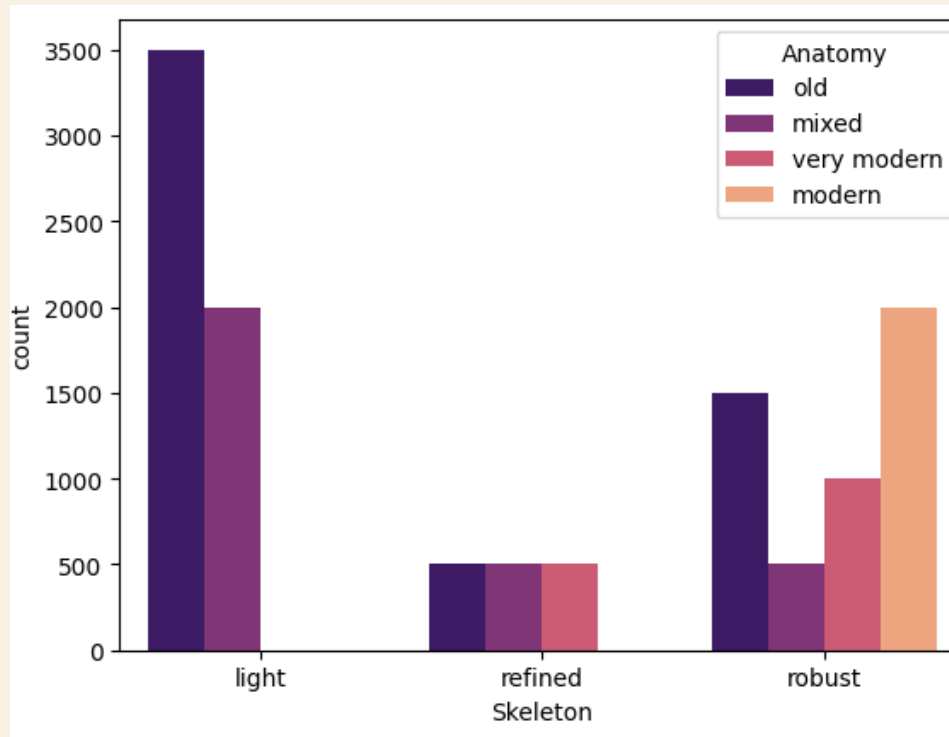


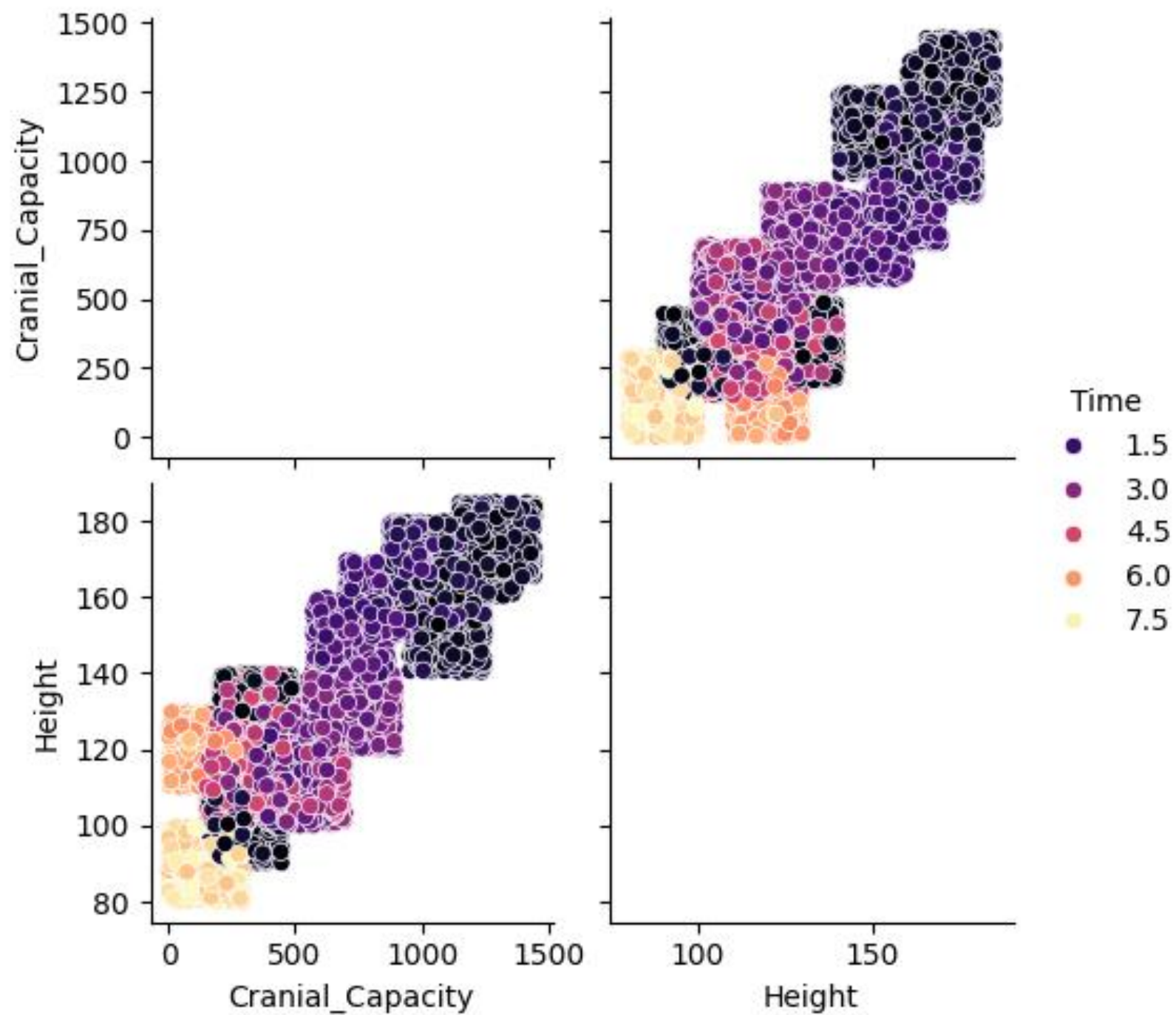


# BIPED BY CRANIAL CAPACITY

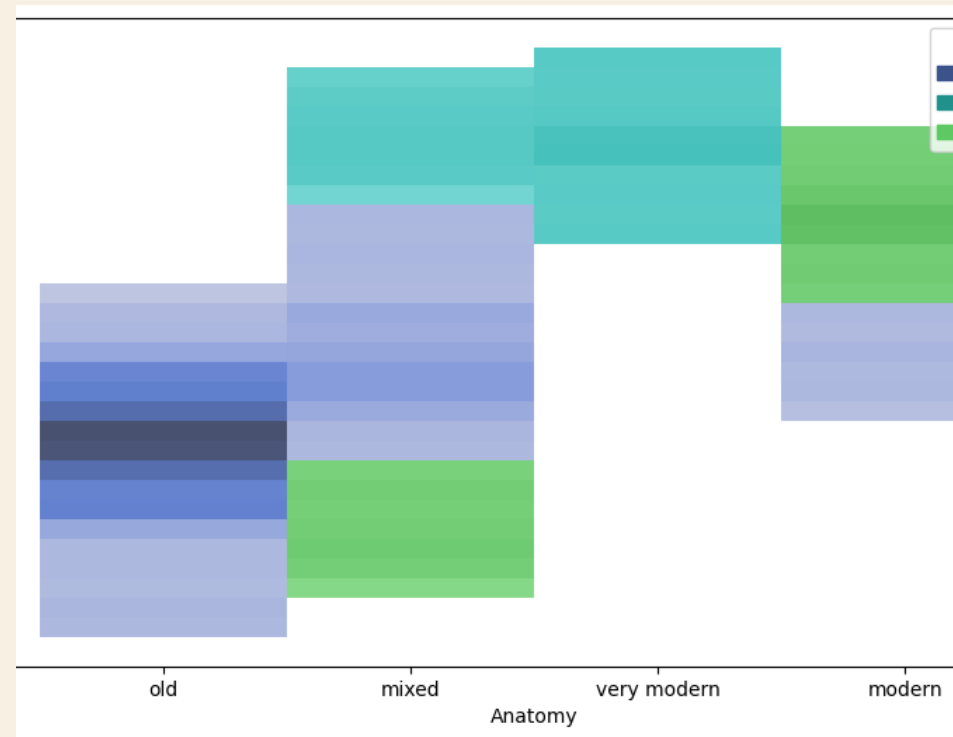
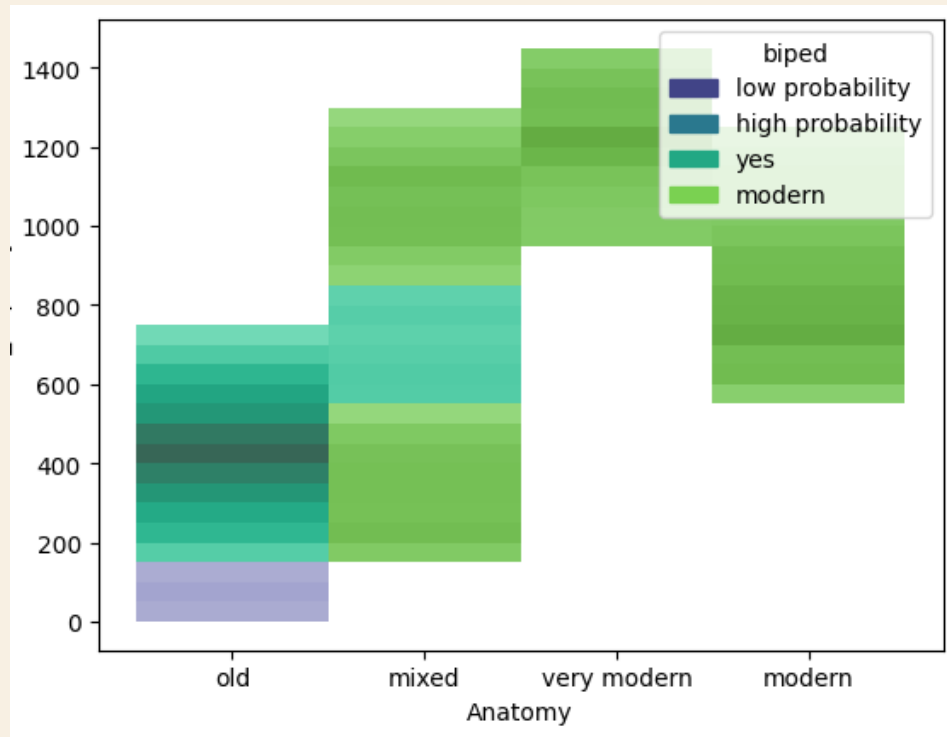


# INCISOR SIZE VS SKELETON

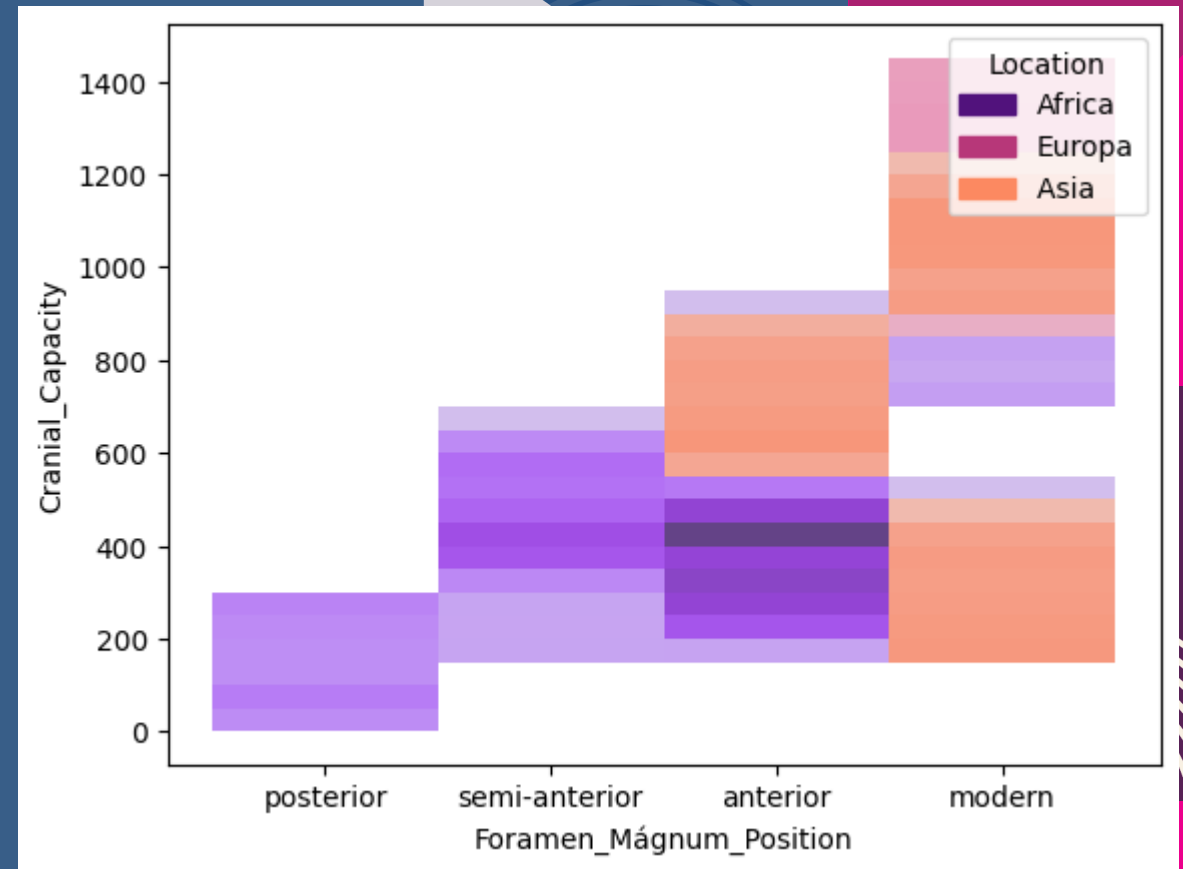
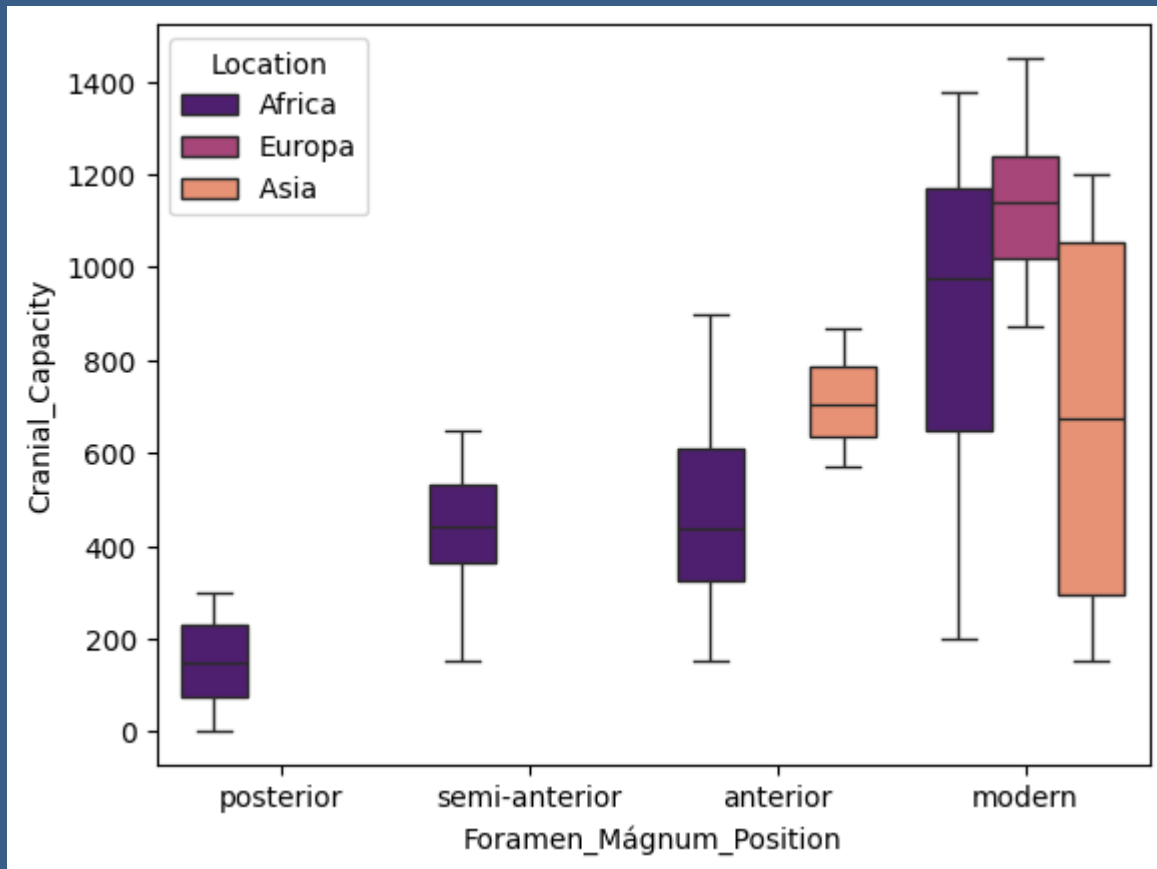




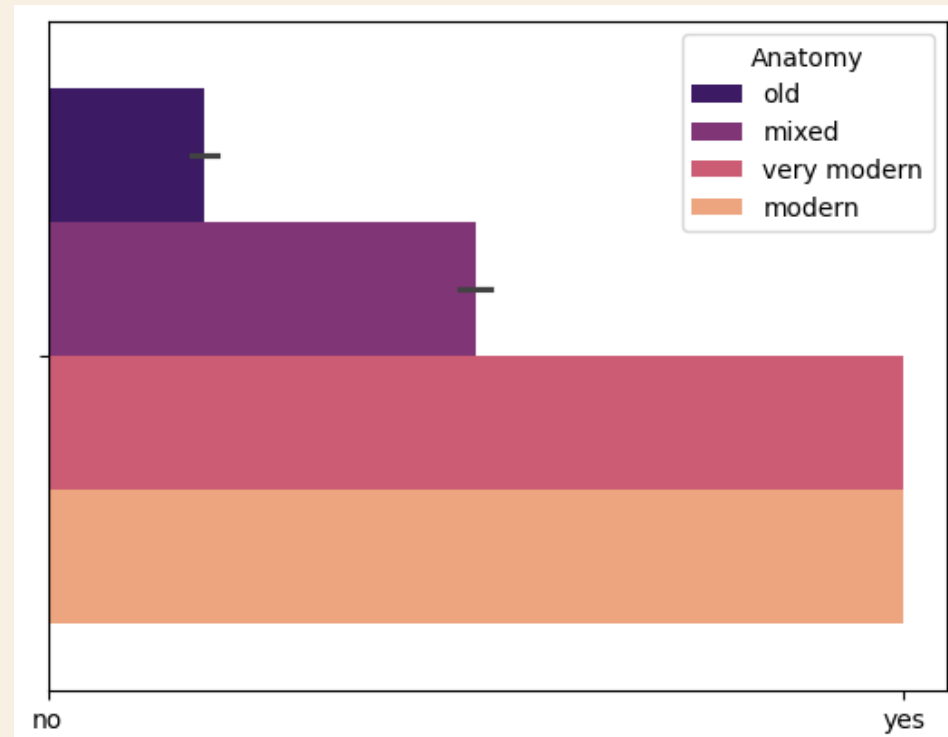
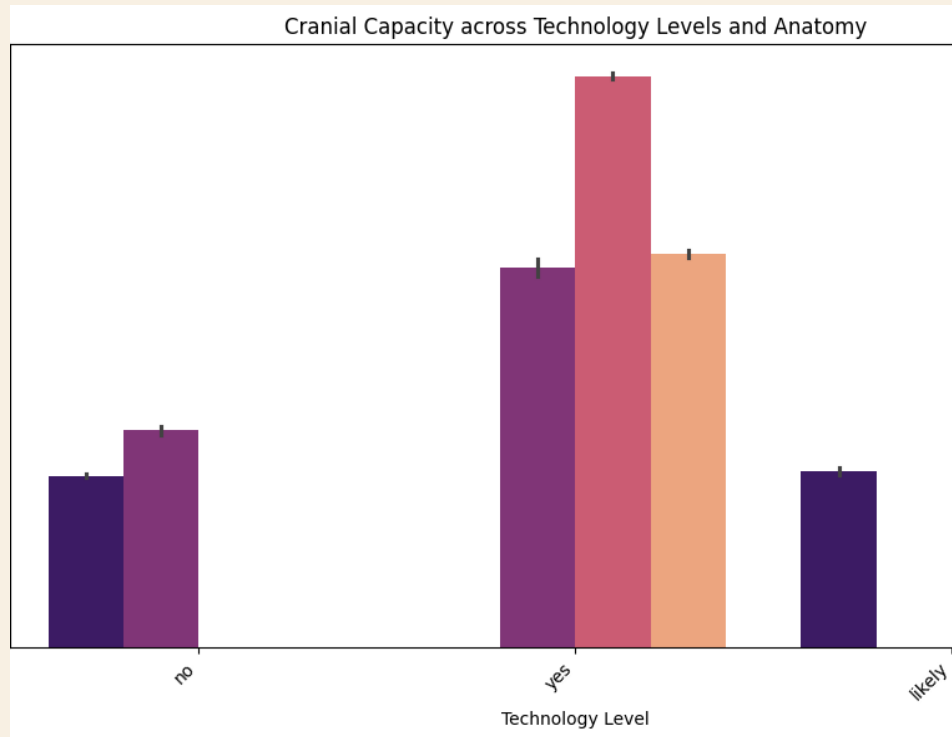
# ANATOMY: HEIGHT, CRANIAL CAPACITY



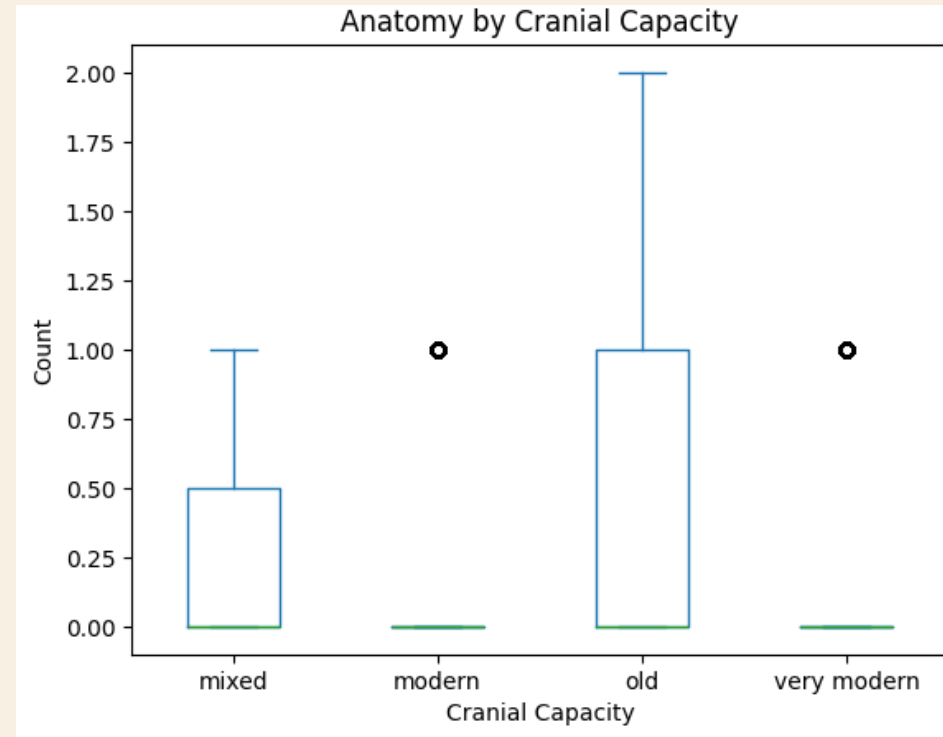
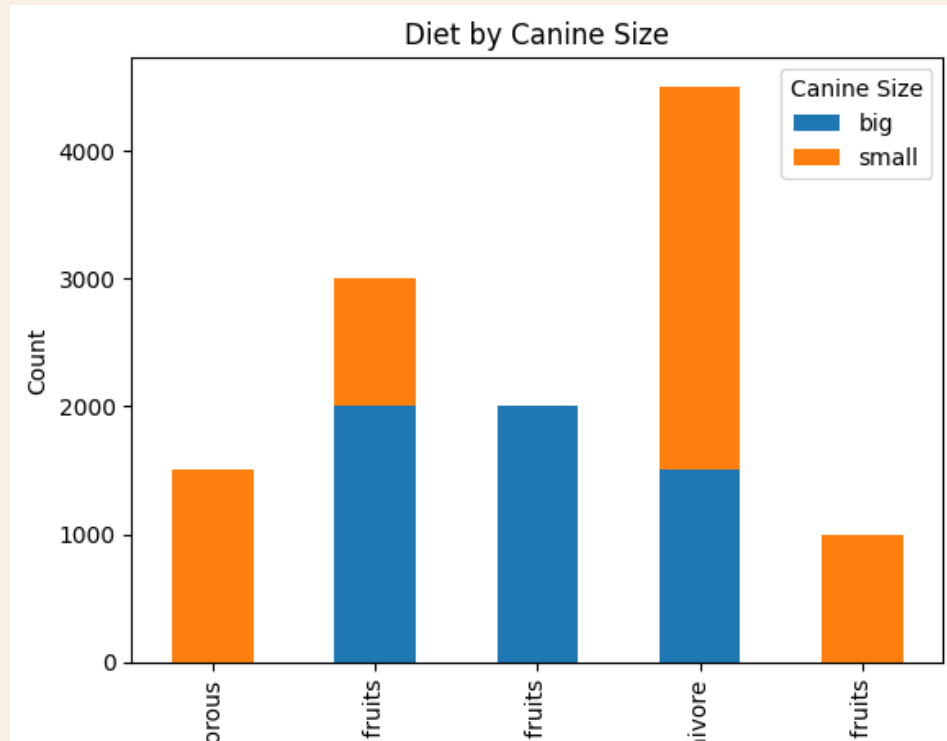
# FORAMEN MAGNUM POSITION



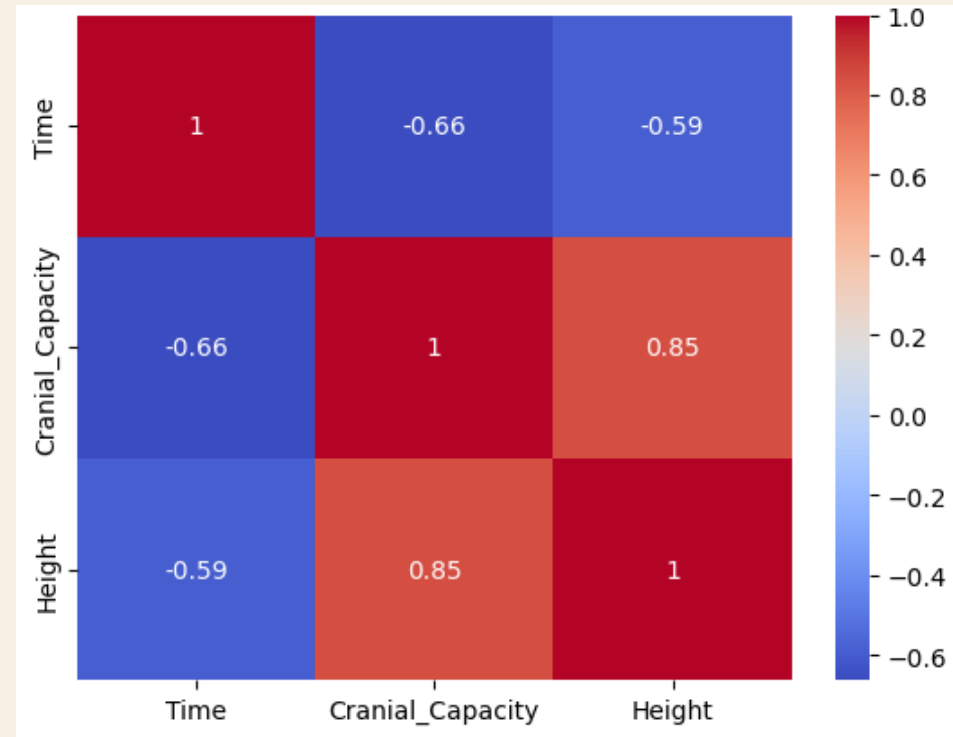
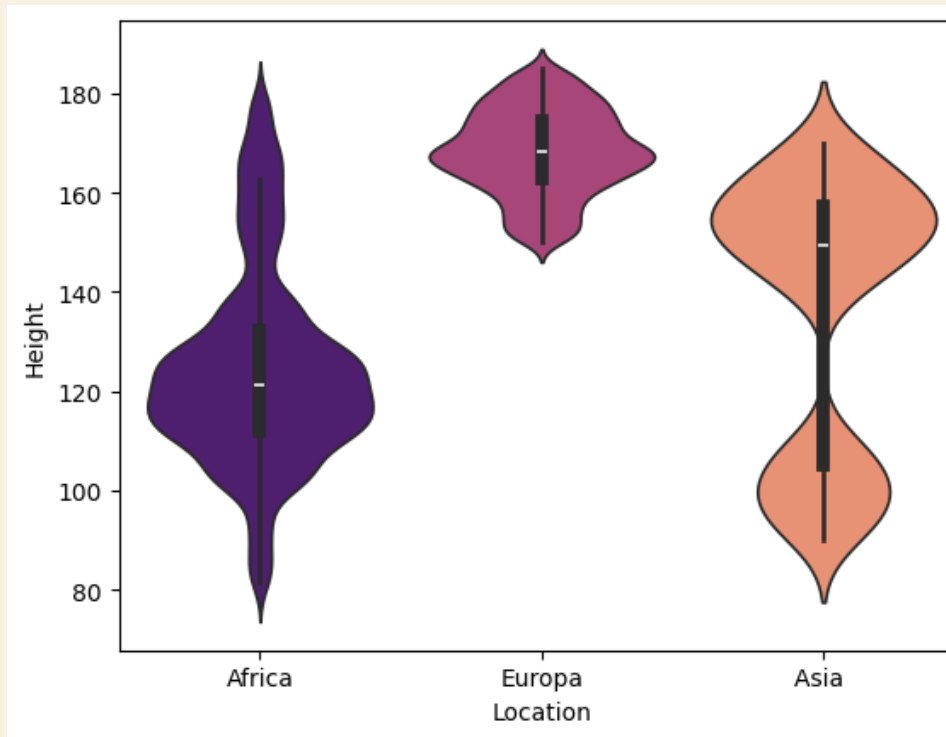
# TECHNOLOGY



# CANINE SIZE; DIET; ANATOMY BY CRANIAL CAPACITY

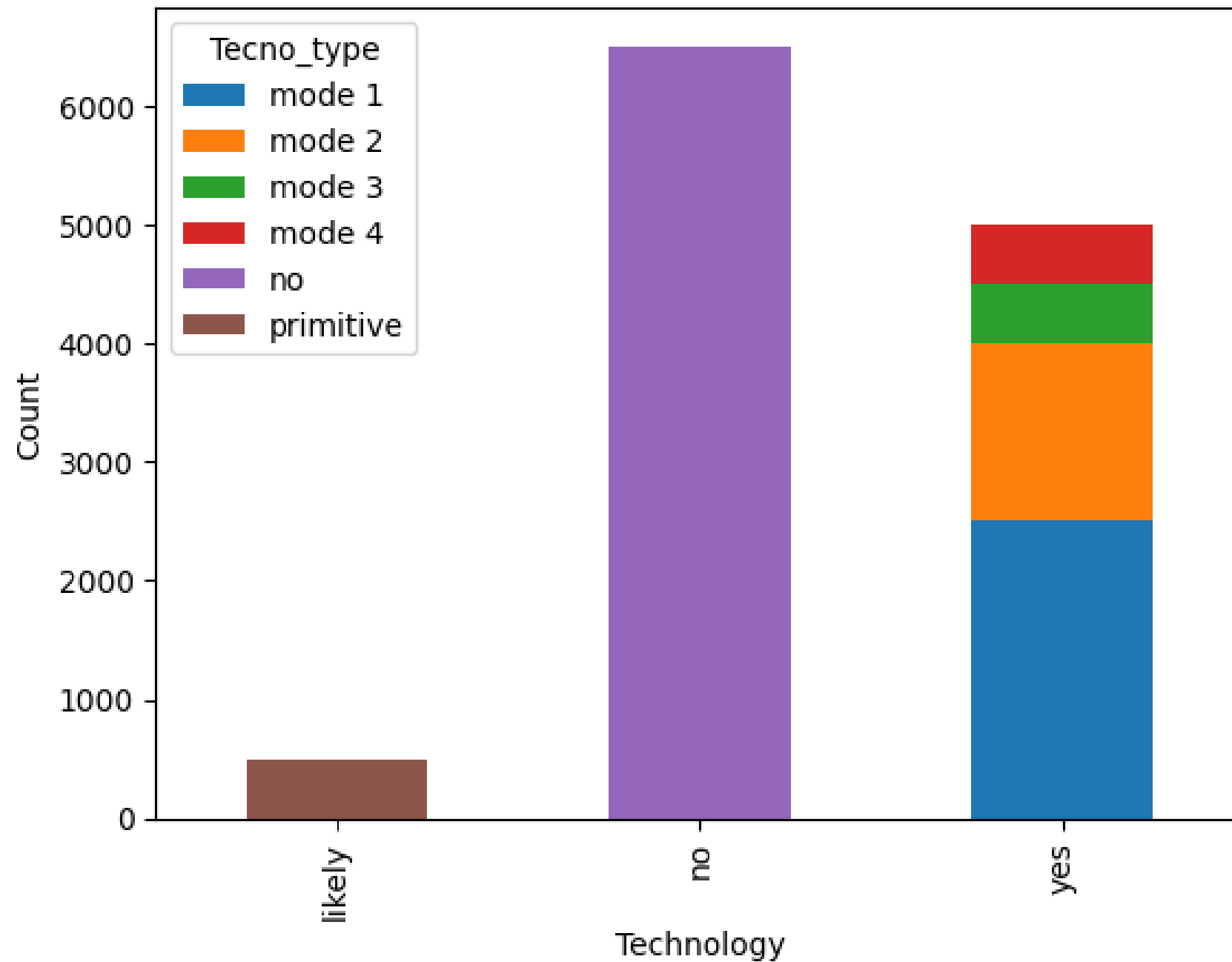


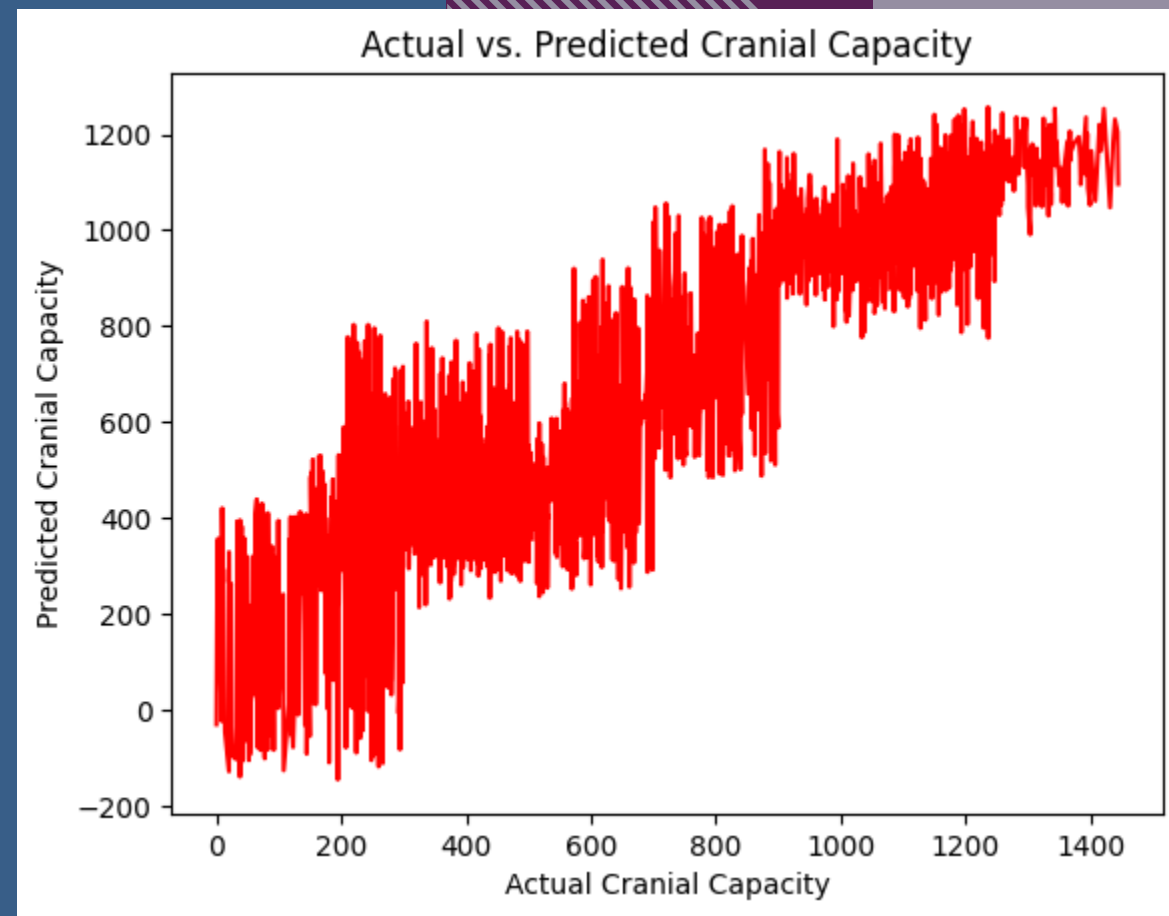
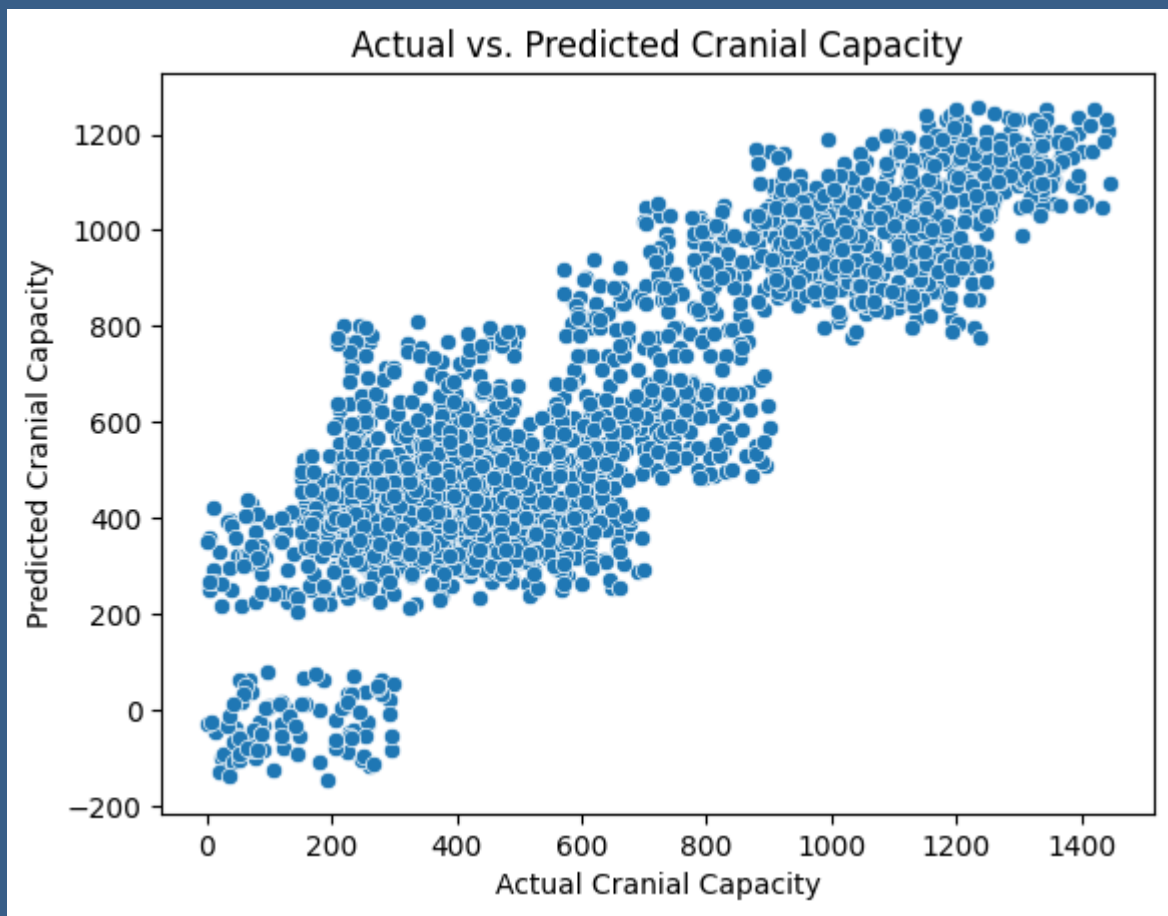
# LOCATION, HEIGHT, CRANIAL CAPACITY, TIME





Technology by Technology Type







# THANK YOU

NAZIM ATAKAN ERDOGAN