

FLORIDA STATE UNIVERSITY  
COLLEGE OF ARTS AND SCIENCES

ADVANCED BAYESIAN METHODS AND APPLICATIONS IN BIOMEDICAL DATA

By  
AVIZIT CHANDRA ADHIKARY

A Dissertation submitted to the  
Department of Statistics  
in partial fulfillment of the  
requirements for the degree of  
Doctor of Philosophy

2024

Avizit Chandra Adhikary defended this dissertation on April 30, 2024.

The members of the supervisory committee were:

Rongjie Liu  
Professor Directing Dissertation

Richard Nowakowski  
University Representative

Elizabeth Slate  
Committee Member

Jonathan Bradley  
Committee Member

The Graduate School has verified and approved the above-named committee members, and certifies that the dissertation has been approved in accordance with university requirements.