

FLORIDA STATE UNIVERSITY  
COLLEGE OF ARTS AND SCIENCES

COMPUTATIONALLY EFFICIENT BAYESIAN SEQUENTIAL MONITORING FOR  
FUNCTIONAL PROFILES AND DENSITY ESTIMATION

By  
WRIGHT SHAMP

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

2021

Wright Shamp defended this dissertation on March 4, 2021.  
The members of the supervisory committee were:

Eric Chicken  
Professor Co-Directing Dissertation

Antonio Linero  
Professor Co-Directing Dissertation

Kevin Hufferberger  
University Representative

Chao Huang  
Committee Member

Debajyothi Sinha  
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.