

FLORIDA STATE UNIVERSITY
COLLEGE OF ARTS AND SCIENCE

APPLICATION STUDIES OF MACHINE LEARNING IN BREAST CANCER PREVENTION
ASSESSMENT AND DEEP LEARNING IN NATURAL LANGUAGE PROCESSING

By
QING HAN

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

2022

Qing Han defended this dissertation on June 27, 2022.
The members of the supervisory committee were:

Jinfeng Zhang
Professor Directing Dissertation

Xiuwen Liu
University Representative

Wei Wu
Committee Member

Adrian Barbu
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.