## FLORIDA STATE UNIVERSITY COLLEGE OF ARTS AND SCIENCES

## APPLICATION OF DEEP LEARNING IN TEXT MINING AND COMPUTATIONAL STRUCTURAL BIOLOGY

## By

## CHUN-CHAO LO

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

Chun-Chao Lo defended this dissertation on March 16, 2020.

The members of the supervisory committee were:

Jinfeng Zhang

**Professor Directing Dissertation** 

Xiuwen Liu

University Representative

Adrian Barbu

Committee Member

Wei Wu

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.