FLORIDA STATE UNIVERSITY

COLLEGE OF ARTS AND SCIENCES

A UNIFIED FRAMEWORK ON DEFINING DEPTH FOR POINT PROCESS USING ${\bf FUNCTION~SMOOTHING}$

By

ZISHEN XU

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

2021

Zishen Xu defended this dissertation on May 27, 2021. The members of the supervisory committee were:	
	Wei Wu
	Professor Directing Dissertation
	Yi Zhou
	University Representative
	E. J. H. C.
	Fred Huffer
	Committee Member
	Aaron Wilber
	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.	