## FLORIDA STATE UNIVERISTY COLLEGE OF ARTS AND SCIENCES

## IMPROVING CLINICAL RISK MODELS THROUGH INTEGRATION OF POLYGENIC RISK SCORES AND OMICS

By

AUSTIN T. KING

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

_	ed this dissertation on July 17, 2023.
The members of the supervisory committee were:	
	Chao Huang
	Professor Co-Directing Dissertation
	Chong Wu
	Professor Co-Directing Dissertation
	Zhe He
	University Representative
	Jonathan Bradley
	Committee Member
	Elizabeth Slate
	Committee Member
	as verified and approved the above-named committee members and
certifies that the dissert	ation has been approved in accordance with university requirements