## FLORIDA STATE UNIVERSITY COLLEGE OF ARTS AND SCIENCES

## SUBSPACE LEARNING APPROACHES TO ASSOCIATION ANALYSIS FOR MULTI-MODAL DATA

Ву

SUNG HEE PARK

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

2023

Sung Hee Park defended this dissertation on July 6, 2023.  The members of the supervisory committee were:	
	Xin Zhang
	Professor Directing Dissertation
	Hongyu Miao
	University Representative
	Elizabeth H. Slate
	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.	