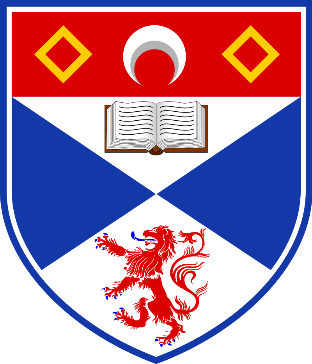
Nonlinear Models of Race-Related

Disparities in Emergency Department

Length of Stay at U.S. Hospitals

Jonathan M. Wall­­­



A dissertation submitted to the University of St. Andrews for the Degree of

Master of Science (MSc) in

Applied Statistics and Datamining

August 2020

Supervisor:   
Prof. David L. Borchers

I hereby certify that this dissertation, which is approximately \_\_\_\_\_ words in length, has been composed by me, that it is the record of work carried out by me and that it has not been submitted in any previous application for a higher degree.

This project was conducted by me at the University of St Andrews from June 2020 to August 2020 towards fulfilment of the requirements of the University of St Andrews for the degree of MSc Applied Statistics and Data Mining under the supervision of Dr. David L. Borchers.

Signed,

Jonathan M. Wall

Date: August 28, 2020

This dissertation is dedicated to:

Eli Louis Wall

and

Jesse David Nebb

May they Rest in Peace