

RICE UNIVERSITY

**Using Multiple Imputation, Survival Analysis,
And Propensity Score Analysis In Cancer Data
With Missingness**

by

Nathan Karmazin Berliner

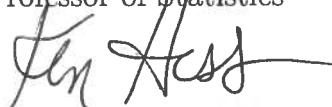
A THESIS SUBMITTED
IN PARTIAL FULFILLMENT OF THE
REQUIREMENTS FOR THE DEGREE

**Master of Arts
Statistics**

APPROVED, THESIS COMMITTEE:



Rudy Guerra, Committee Chair
Professor of Statistics




Kenneth Hess, Thesis Director
Professor, MD Anderson Cancer Center



Yu Shen
Professor, MD Anderson Cancer Center



Marina Vannucci
Professor of Statistics



David Scott
Professor of Statistics

Houston, Texas
December, 2015