# Spectrum Health Office of Research

# Scholarly Activity and Scientific Support





### Who We Are

Spectrum Health is the leader in Healthcare in West Michigan

SASS is a dynamic collaborative team of:

- Biostatisticians
- Scientists
- Bioinformatician
- Epidemiologists
- Data Engineers

### Our Goal

Facilitate the development of investigator initiated research and provide assistance for the presentation and publication of the research studies.

## What can we do

Consult directly with physicians on their research Sample Size/Power Analysis Statistical Analysis Data visualization Data pull from EMRs Manuscript preparation and review

### Make a Difference

## SASS Internships

1 Year internship that exceeds the GVSU PSM



Real life experience with consulting

Attend a national conference Get Published

### Opportunities

Biostatistician Data Scientist Science Editor Bioinformatician 3 Epidemiologist

# Areas of Research At Spectrum Health

#### Frederik Meijer and Vascular Institute

National leader in structural heart disease and remote stenting

#### Helen DeVos Children's Hospital

Programs in neonatal/pediatric intensive care, rare genetic diseases, cystic fibrosis, and pediatric hematology/oncology

#### Clinical Neuroscience

Stroke, movement disorders, and dementia

#### Women's Health

Changes in midlife, menopause, and sexual health

#### **Digestive Health**

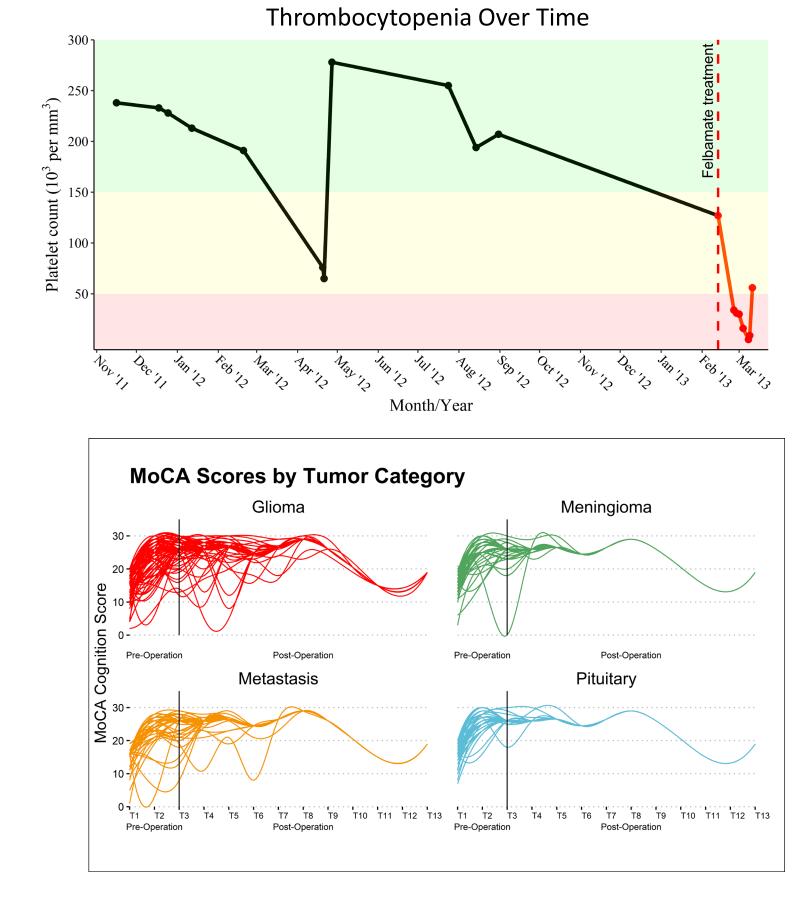
Advances in endoscopy and anastomosis

#### **Trauma Research Institute**

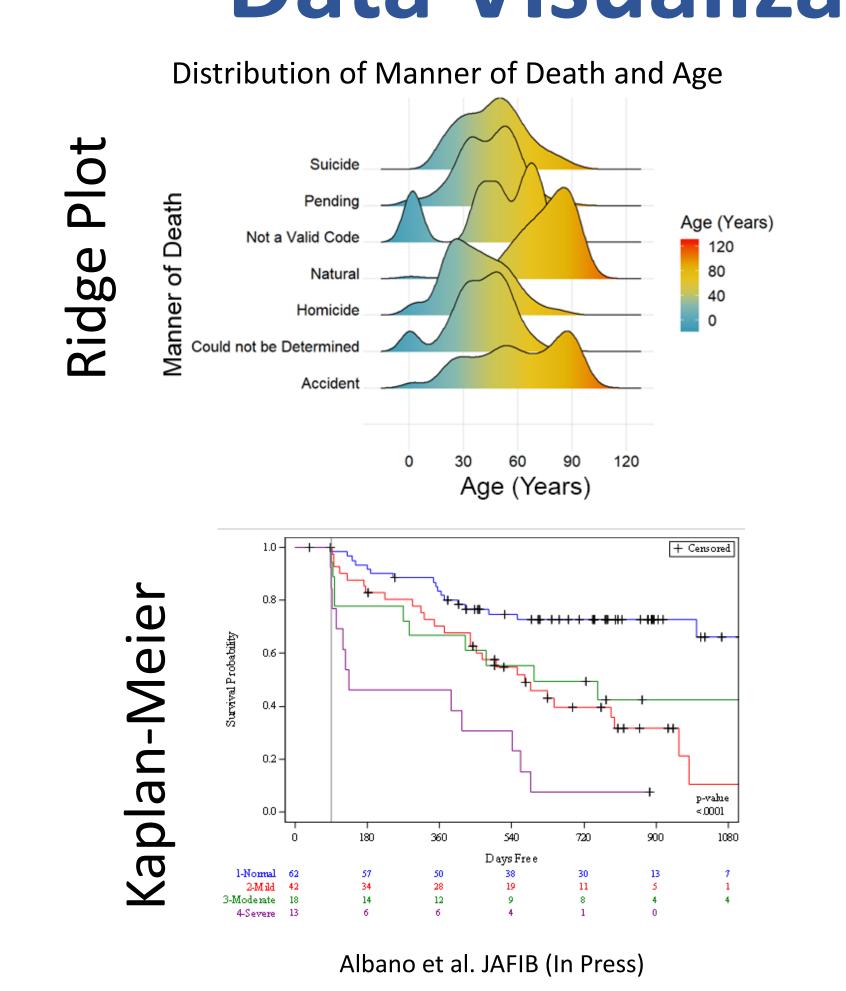
Geriatric rib fractures and Traumatic Brain Injury

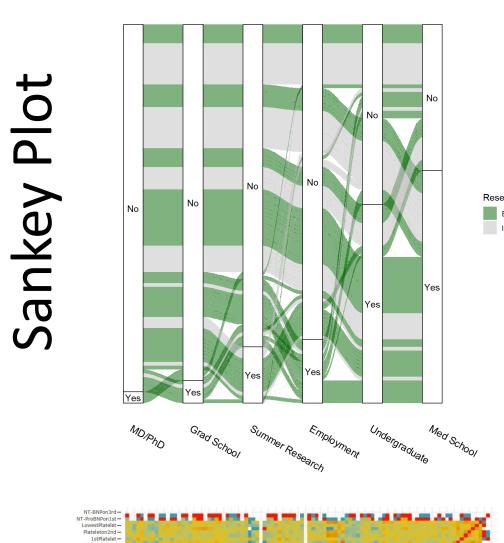
## Contact us at SASSassist@spectrumhealth.org

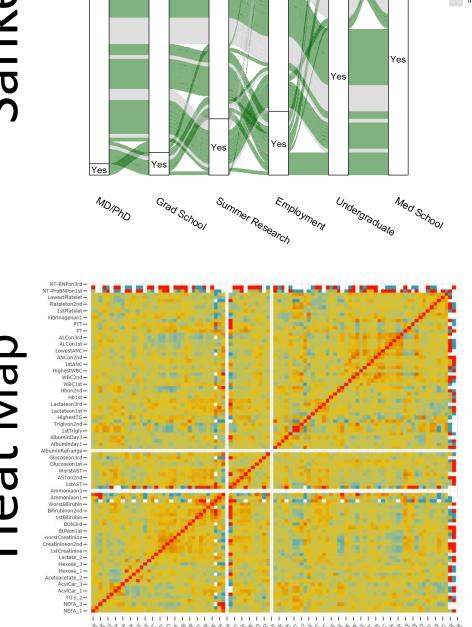
### Longitudinal Data



# Data Visualizations







# Mapping

