

2nd Sprint Review

Dat O

Last Sprint

A rough idea of what my topic was:

“To treat cancer”

“How different treatments compare with one another?”

“Effectiveness of different types.”

“Immunotherapy?”

Not much after that...

What was accomplished from then to now?

- Solidify my topic for the final paper
Cancer research, treatment, comparison, etc.
- Better understanding of data regarding my topic
Seeing data trends among different age groups, race, histology and genetics.
- Finding access to a database to use for my model
NCDB(10-19), SEER Stat Research

On-going Methods

- A literature review showcasing all sources and databases used to help develop my final paper and any data models I choose to create through the course
- Communicating with other Lyon faculty/students currently working on undergrad research on tuberculosis and lung cancer.
- Seeking out other available databases that help with research (mortality rates)

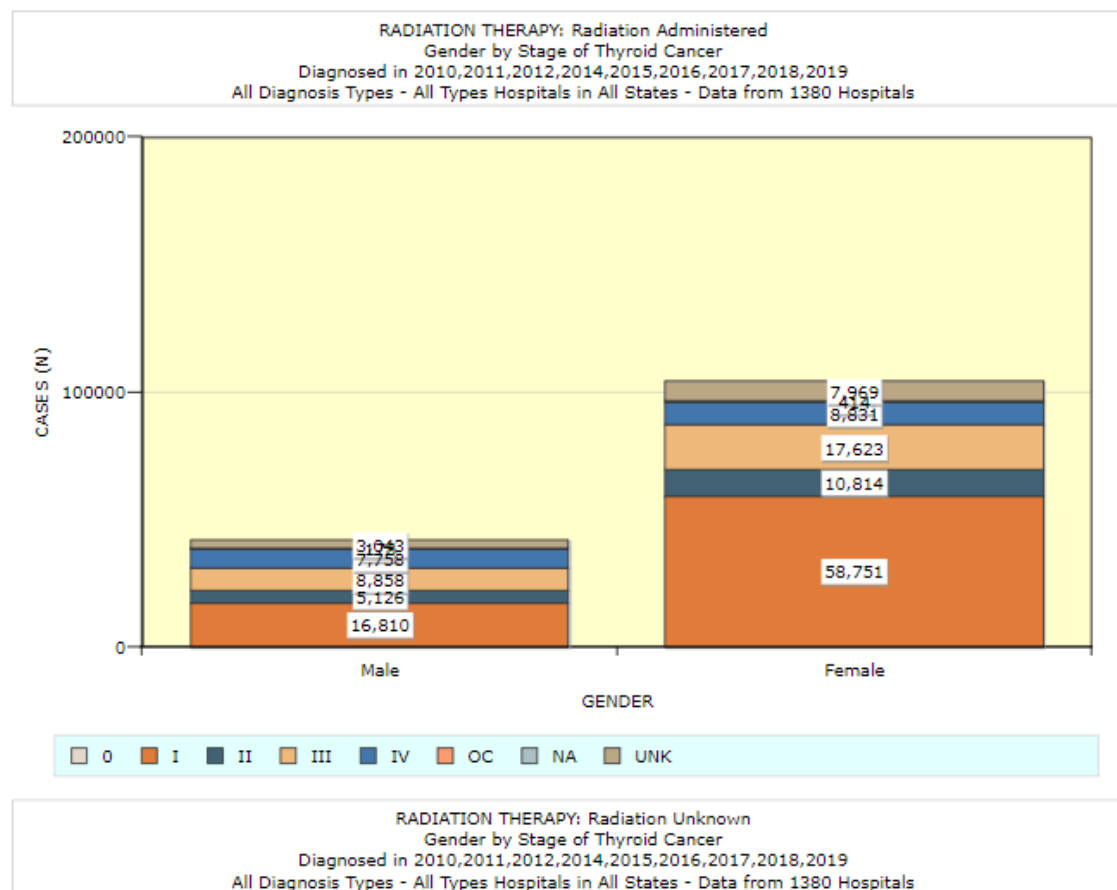
Datasets – NCDB, SEER

Analysis Variables: Patient Demographics

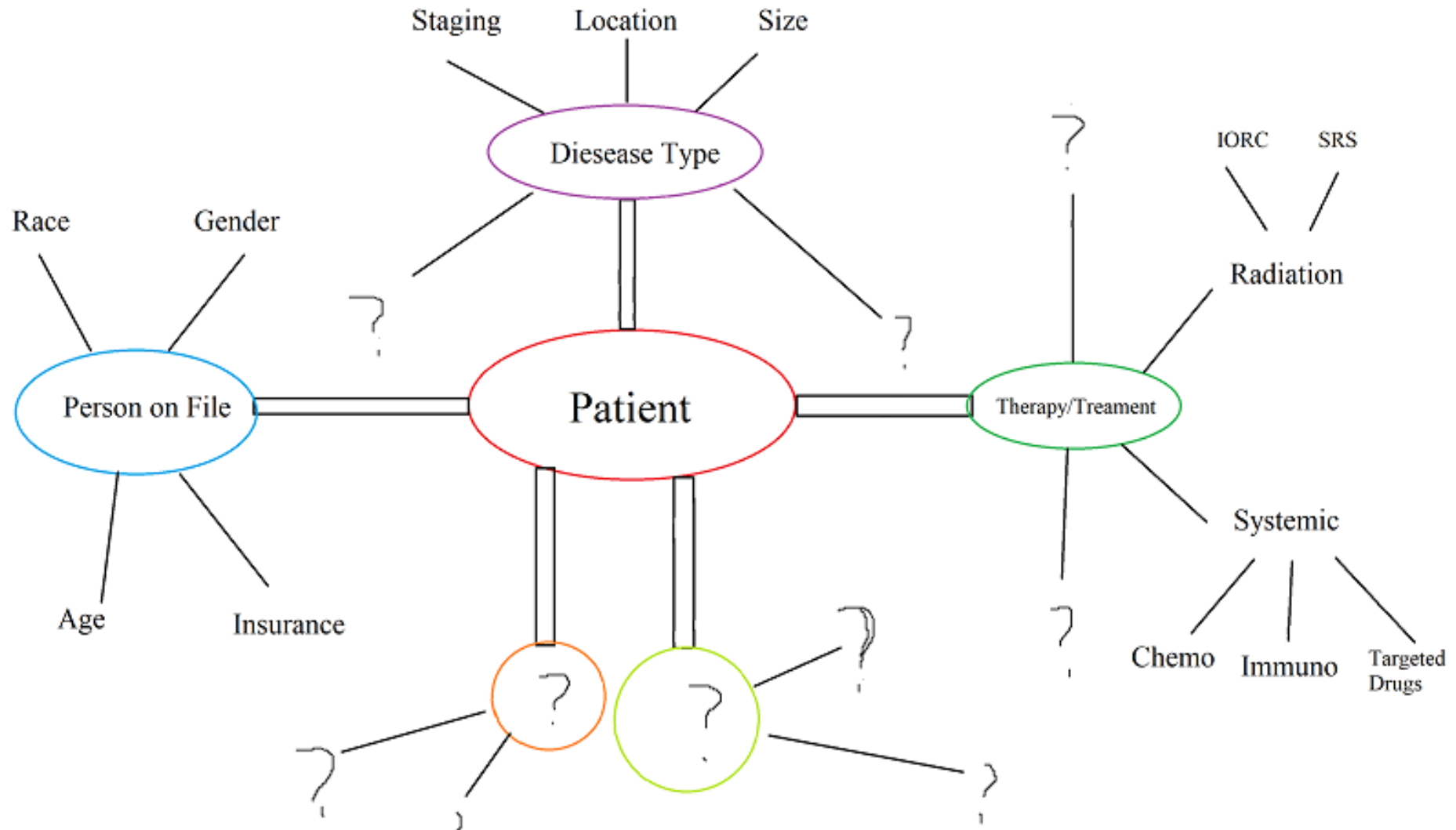
Age	Gender	Race/Ethnicity	Insurance Status
Pediatric and adult cases can be displayed. Pediatric cases are defined as patients 19 years of age and younger. Adult cases are 20 years of age or older. The displayed age categories are shown in 10-year age ranges.	<ul style="list-style-type: none"> Under 20 20 - 29 30 - 39 40 - 49 50 - 59 60 - 69 70 - 79 80 - 89 90 and over Unknown 	Cases are shown as either male or female. For disease sites which are gender specific only the appropriate gender cases are displayed. Note, unless otherwise specified by the user both male and female breast cancers will be displayed.	Cases are categorized into six groups using the code values reported in the "Race" and "Spanish/Hispanic Origin" data items which, taken together, are used to describe a patient's ethnic identity and include: <ul style="list-style-type: none"> White Black Hispanic Asian and Pacific Islander Native American Other/Unknown

Median Household Income

Median Household Income (2000 Census)	Median Household Income (2012 Census)	Median Household Income (2016 Census)
The median household income for each patient's area of residence was estimated by matching the zip code of the patient recorded at the time of diagnosis against files derived from year 2000 U.S. Census.	Data from the 2008-2012 American Community Survey were used to represent updated Census demographic data for more recent years since, as of the 2010 Census, the decennial Census does not	Data from the 2012-2016 American Community Survey were used to represent updated Census demographic data for more recent years since, as of the 2010 Census, the decennial Census does not



A model with this Dataset – A rough idea



What I want accomplished next Sprint Review

- To start on my paper (the earlier the better)
- Create (at least) one model
- Potentially find more data for my research in-person instead of online data.