

Bariatric Run Notebook

An analysis of the MBSA-QIP Dataset

Pranav Kumar Mishra

Wednesday, May 29, 2024

Table of contents

Import Data	1
Data Processing	2
Filtering for CPT: ['43644', '43755']	2
Generate Figures and Tables	2
Save the run dataset	6

The computer's name is pminformatics.rush.edu The current directory has been set to /home/pranav/work/pranavmishra90/courses/by-mishra/research-data-management

Caution: The run directory already exists for Run # 003 A notebook directory is already present: /home/pranav/work/pranavmishra90/courses/by-mishra/research-data-management/data/analysis/bariatric/runs/run_003/notebooks/

Import Data

Statistics for Main dataframe

There are 1,021,936 cases with 245 variables (columns).

Data Processing

Subset the data

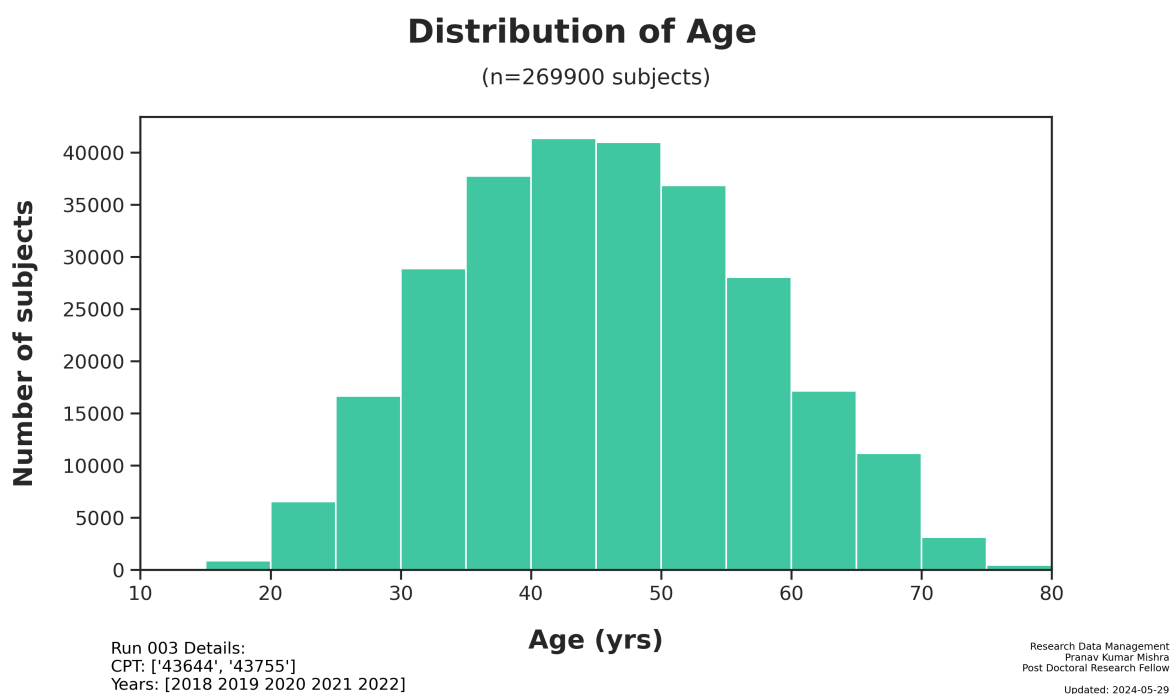
Filtering for CPT: ['43644', '43755']

The total MBSA-QIP dataset `mbsa_main_df` has 1,021,936 cases.

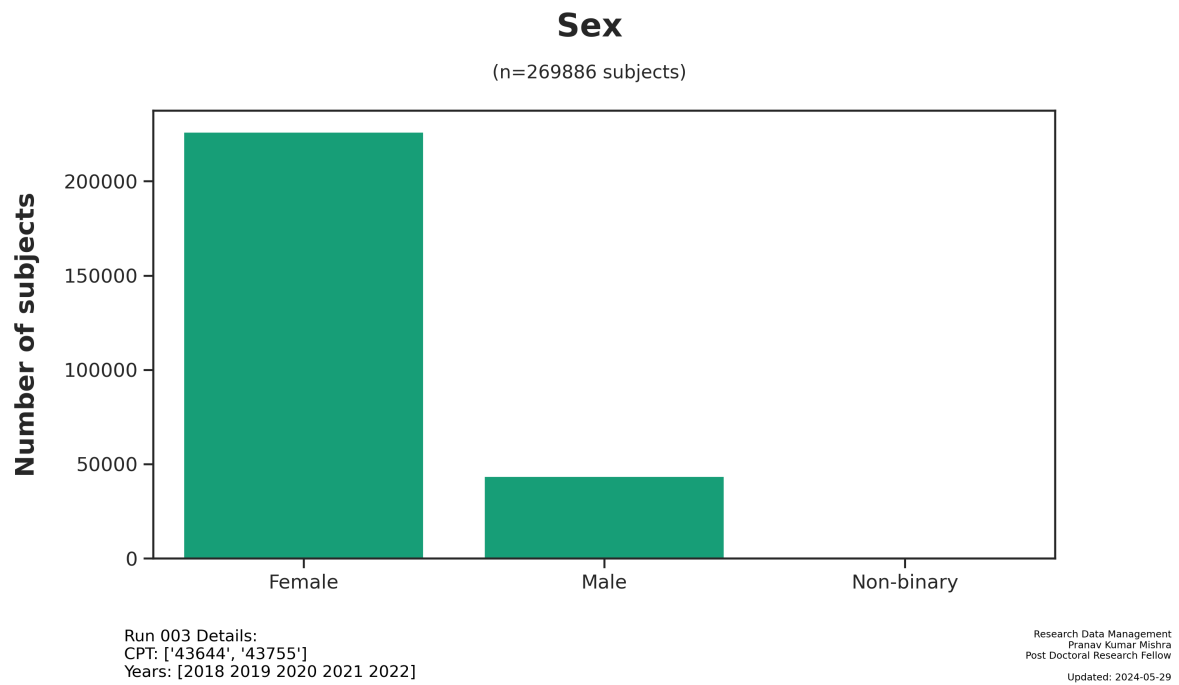
After filtering, 269,926 cases remain in the dataset `mbsa_df`

Generate Figures and Tables

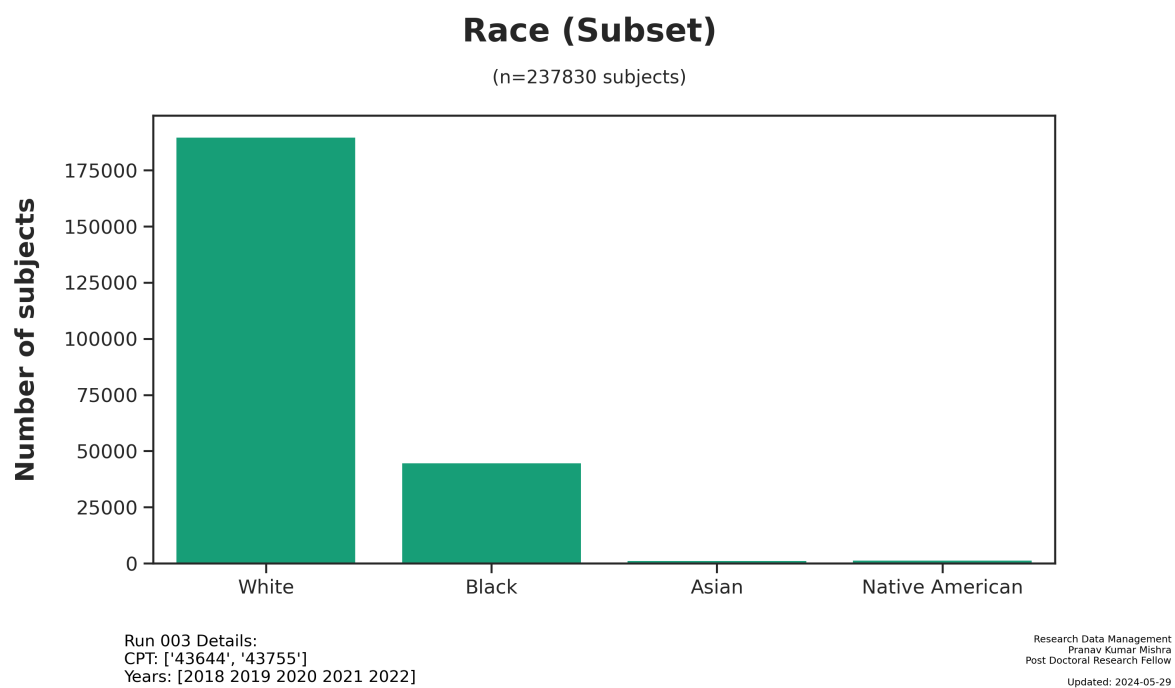
Age



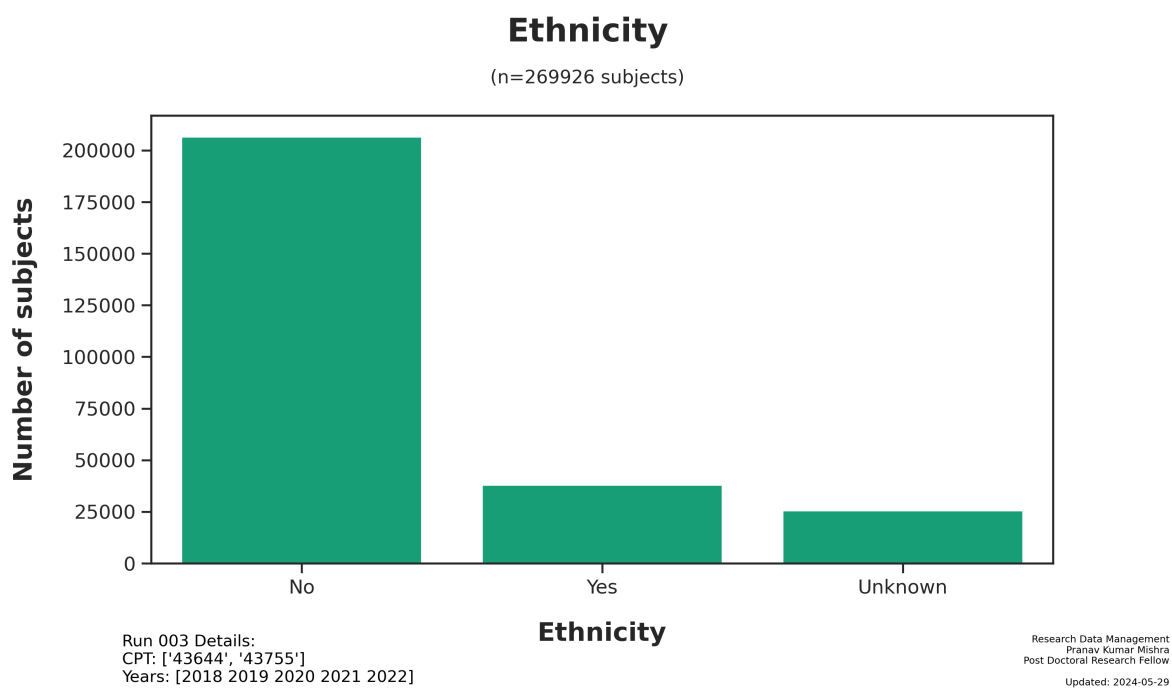
'Figure saved to /home/pranav/work/pranavmishra90/courses/by-mishra/research-data-management



'Figure saved to /home/pranav/work/pranavmishra90/courses/by-mishra/research-data-management



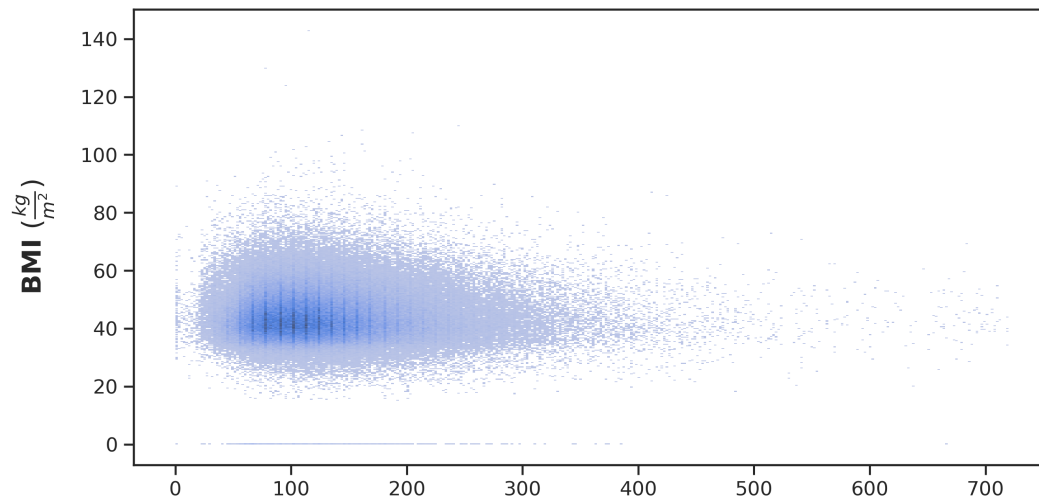
'Figure saved to /home/pranav/work/pranavmishra90/courses/by-mishra/research-data-management



'Figure saved to /home/pranav/work/pranavmishra90/courses/by-mishra/research-data-management

Operation Length

(n=269926 subjects)



Run 003 Details:
CPT: ['43644', '43755']
Years: [2018 2019 2020 2021 2022]

Research Data Management
Pranav Kumar Mishra
Post Doctoral Research Fellow
Updated: 2024-05-29

Save the run dataset