

# Bariatric Run Notebook

An analysis of the MBSA-QIP Dataset

Pranav Kumar Mishra

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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 # 002 A notebook directory is already present: /home/pranav/work/pranavmishra90/courses/by-mishra/research-data-management/data/analysis/bariatric/runs/run\_002/notebooks/

## Import Data

### Statistics for Main dataframe

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

## Data Processing

### Subset the data

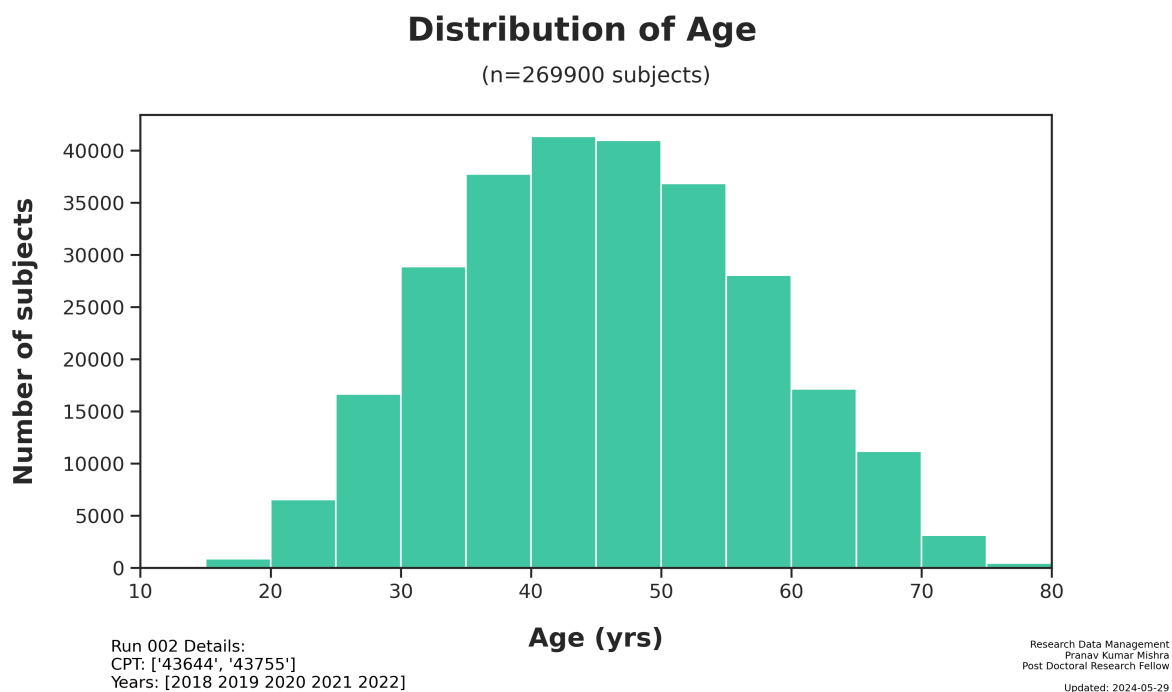
### Filtering for CPT: ['43644', '43755']

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

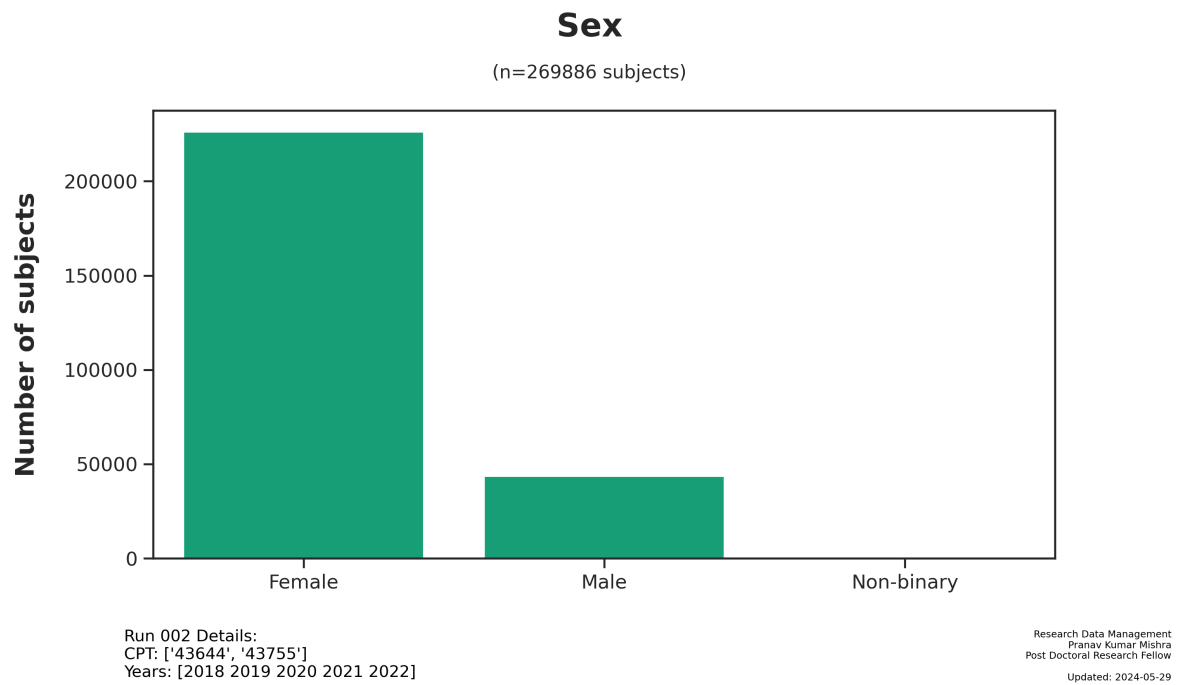
After filtering, 269,926 cases remain in the dataset `mbsa_df`

## Generate Figures and Tables

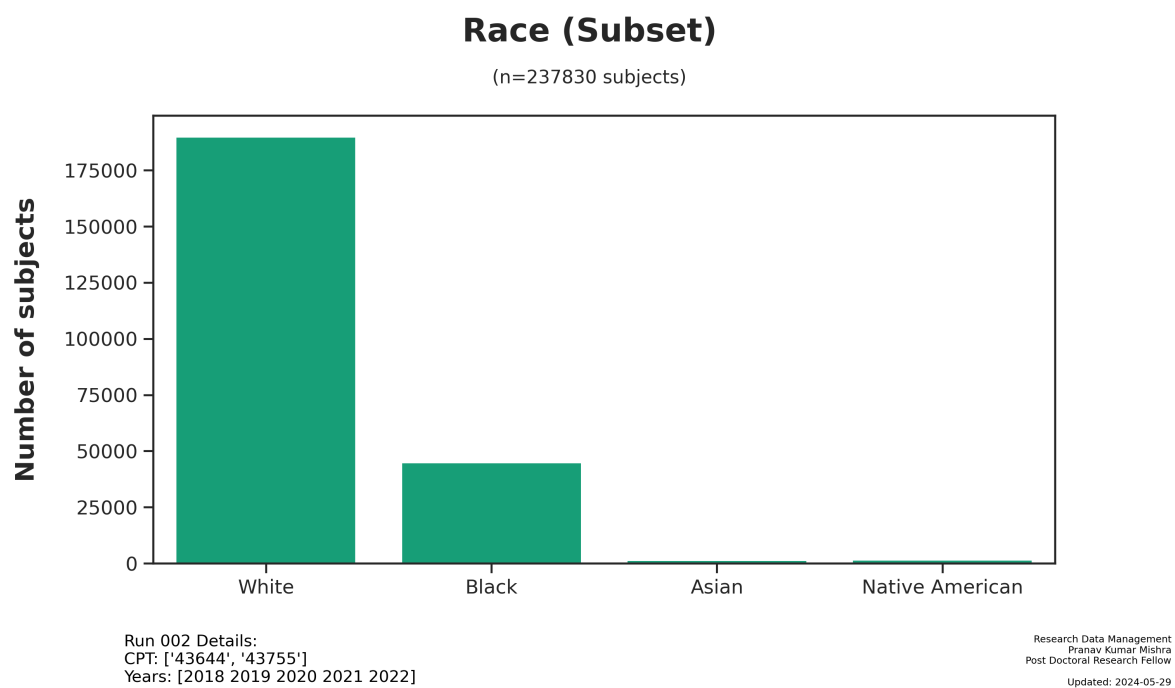
Age



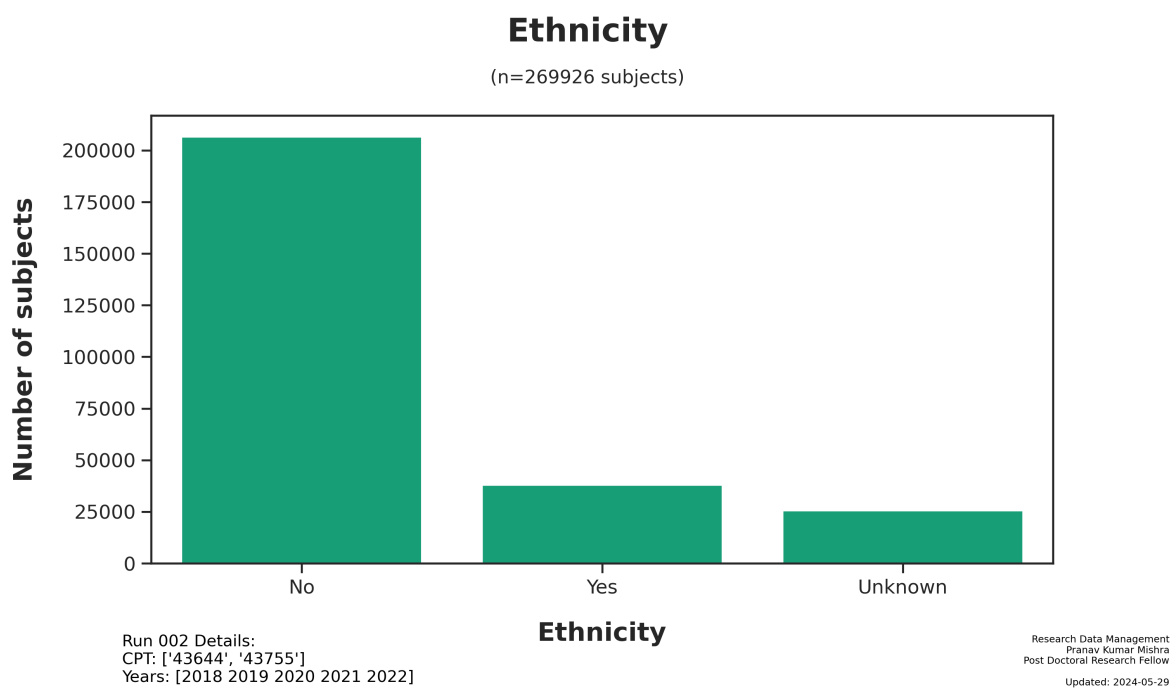
'Figure saved to /home/pranav/work/pranavmishra90/courses/by-mishra/research-data-management



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



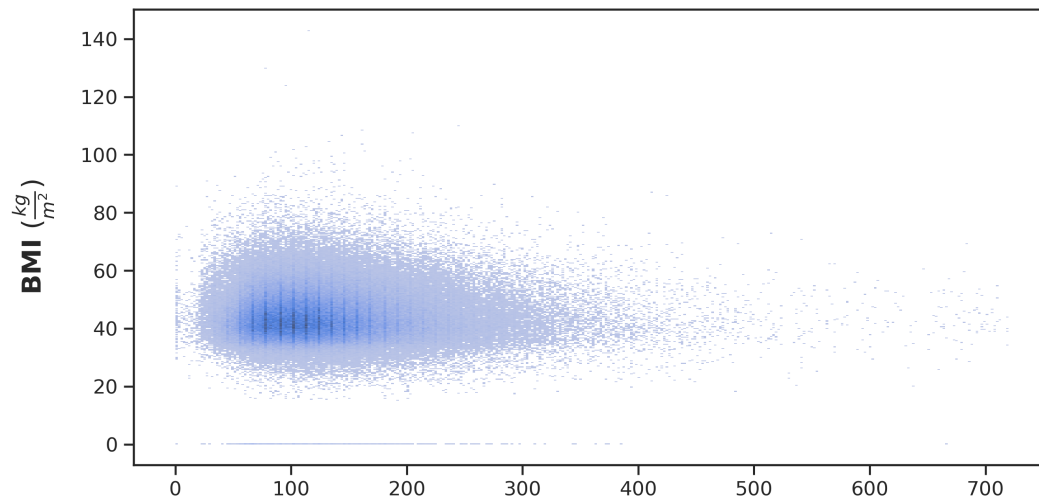
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## Operation Length

(n=269926 subjects)



Run 002 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**