# Comparison Report

# Input Files

- master\_branch file:  $\sim$ /Downloads/1.2.1\_SNU-16\_genomeprofile.txt
- test\_branch file: ~/Downloads/1.3.1\_SNU-16\_genomeprofile.txt

## **Dimensions**

- master branch dimensions: 96, 601
- test\_branch dimensions: 96, 601

Both dataframes have the same dimensions.

### Column Names

- Total number of columns in master branch: 601
- Number of matching column names in test\_branch: 601

## Non-Matching Columns

All column names in master\_branch have a match in test\_branch.

# **Summary Statistics Comparison**

Both dataframes are consistent; all summary statistics are identical for the matching columns.

# **Discrepancy Details**

No discrepancies found.

## Random Column Checks

- Column 415: All entries are identical.
- Column 463: All entries are identical.
- Column 179: All entries are identical.
- Column 526: All entries are identical.
- Column 195: All entries are identical.

## Timing

## Comparison Process

• The comparison process took 0.111 seconds.

#### Timing Details from Master Branch

• Genome profiling process took [1] 0.01018968 seconds per cell on master branch

## Timing Details from Test Branch

• Genome profiling process took [1] 0.008242927 second per cell on test\_branch