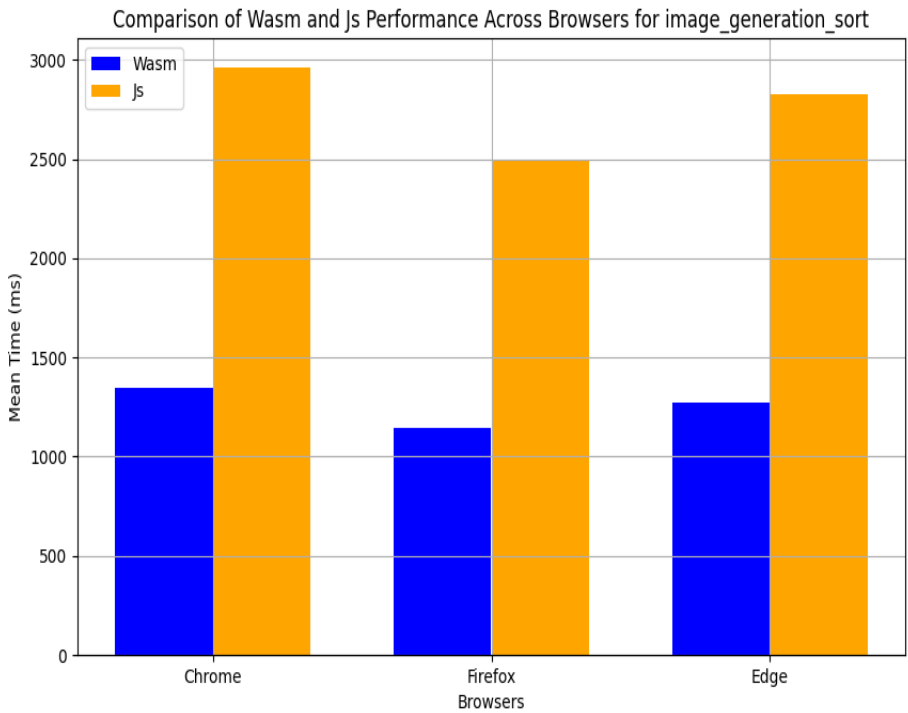# Image Generation and Sort Report in 3 Major Browsers

Performance Statistics

Chrome Browser:
- Wasm Mean: 1344.420, Median: 1243.200
- Js Mean: 2961.580, Median: 2973.800
Firefox Browser:
- Wasm Mean: 1146.200, Median: 1128.000
- Js Mean: 2500.400, Median: 2448.000
Edge Browser:
- Wasm Mean: 1268.960, Median: 1179.300
- Js Mean: 2825.420, Median: 2805.800

Comparison of Wasm and Js Performance Across Browsers for image_generation_sort
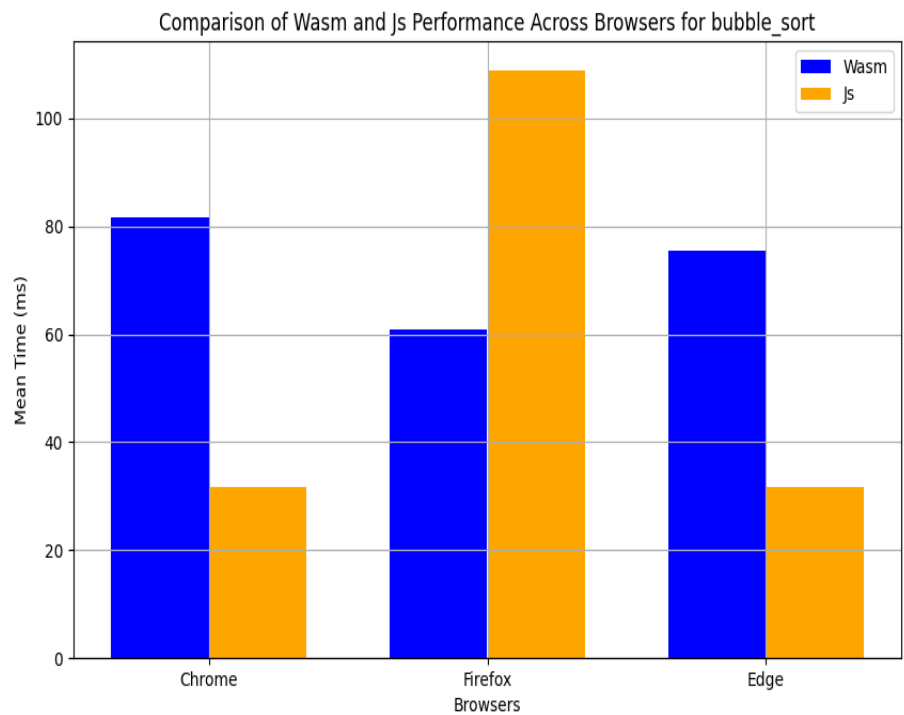
Bubble Sort Report in 3 Major Browsers

Performance Statistics

Chrome Browser:
- Wasm Mean: 81.580, Median: 56.300
- Js Mean: 31.630, Median: 31.000
Firefox Browser:
- Wasm Mean: 60.800, Median: 59.000
- Js Mean: 108.900, Median: 108.000
Edge Browser:
- Wasm Mean: 75.560, Median: 52.100
- Js Mean: 31.800, Median: 31.250

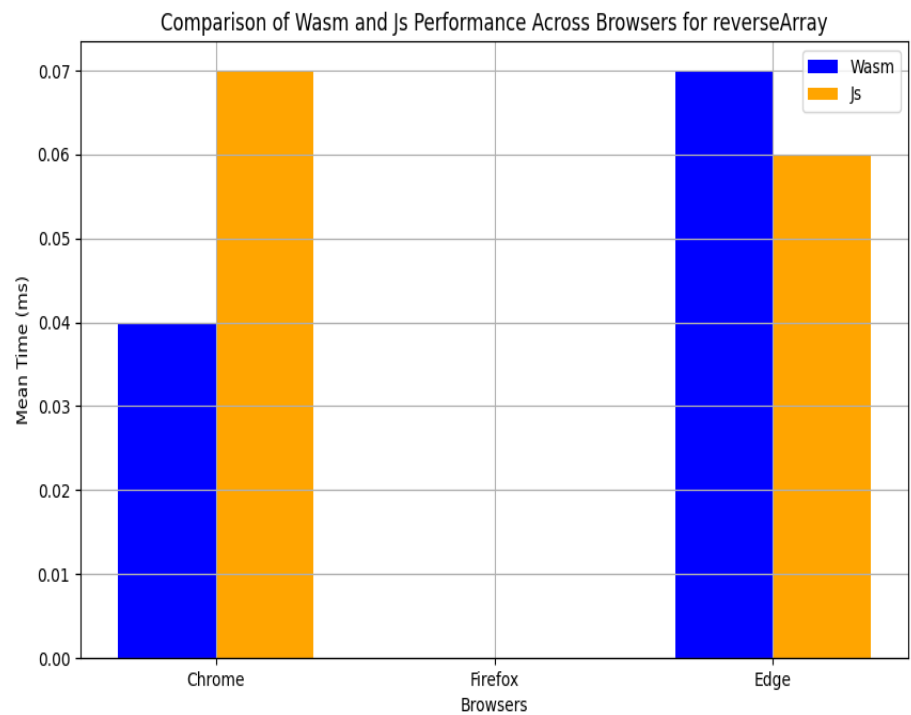Comparison of Wasm and Js Performance Across Browsers for bubble_sort

Reverse Array Report in 3 Major Browsers

Performance Statistics

Chrome Browser:
- Wasm Mean: 0.040, Median: 0.000
- Js Mean: 0.070, Median: 0.000
Firefox Browser:
- Wasm Mean: 0.000, Median: 0.000
- Js Mean: 0.000, Median: 0.000
Edge Browser:
- Wasm Mean: 0.070, Median: 0.100
- Js Mean: 0.060, Median: 0.000

Comparison of Wasm and Js Performance Across Browsers for reverseArray

Threshold Image Processing Report in 3 Major Browsers
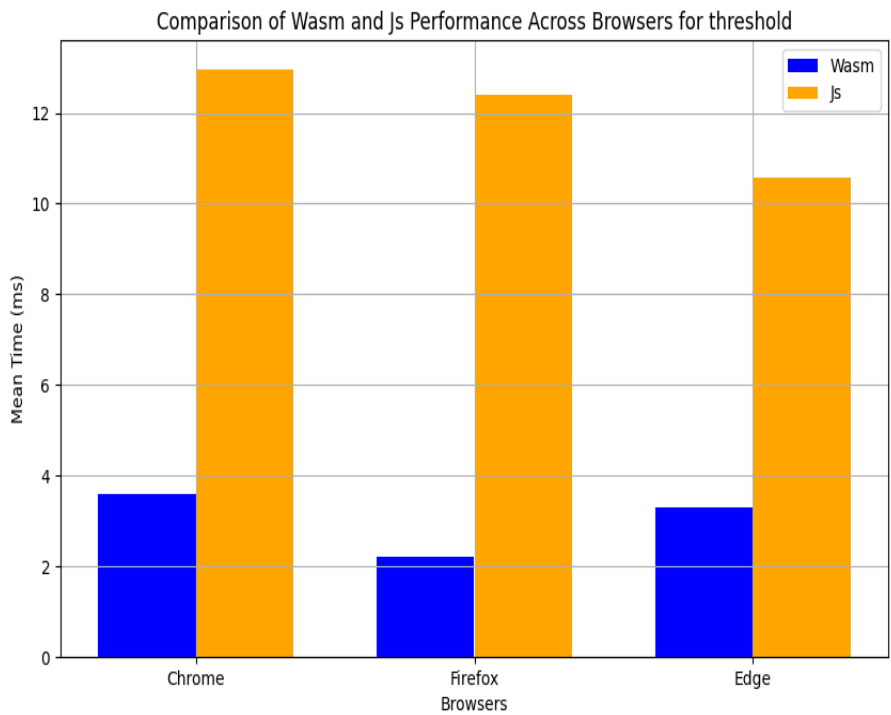
Performance Statistics

Chrome Browser:
- Wasm Mean: 3.580, Median: 2.500
- Js Mean: 12.960, Median: 10.600
Firefox Browser:
- Wasm Mean: 2.200, Median: 2.000
- Js Mean: 12.400, Median: 13.000
Edge Browser:
- Wasm Mean: 3.300, Median: 2.500
- Js Mean: 10.560, Median: 9.600

Comparison of Wasm and Js Performance Across Browsers for threshold

Fibonacci Report in 3 Major Browsers

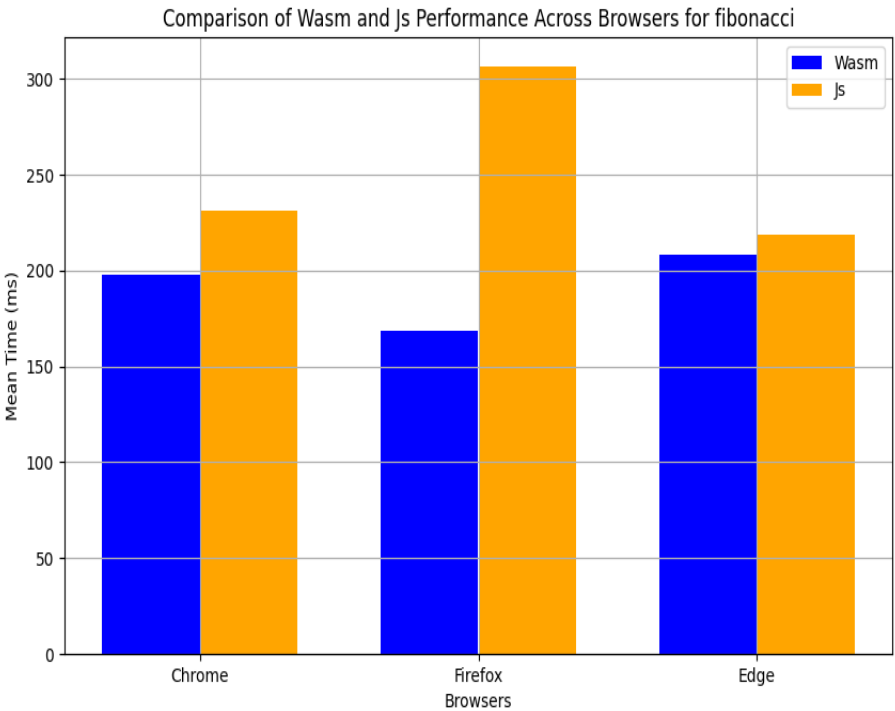## Performance Statistics

Chrome Browser:
- Wasm Mean: 198.220, Median: 198.200
- Js Mean: 231.000, Median: 215.650
Firefox Browser:
- Wasm Mean: 168.900, Median: 169.000
- Js Mean: 306.600, Median: 305.500
Edge Browser:
- Wasm Mean: 208.060, Median: 202.600
- Js Mean: 218.480, Median: 209.100

Quick Sort Report in 3 Major Browsers
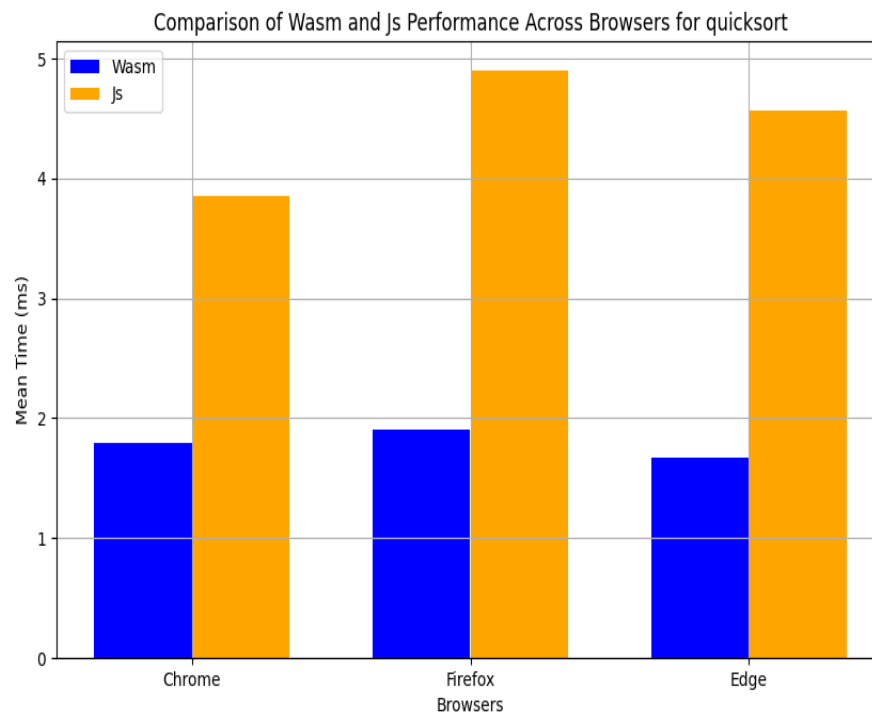
Performance Statistics

Chrome Browser:
- Wasm Mean: 1.790, Median: 1.750
- Js Mean: 3.850, Median: 3.750
Firefox Browser:
- Wasm Mean: 1.900, Median: 1.000
- Js Mean: 4.900, Median: 4.500
Edge Browser:
- Wasm Mean: 1.670, Median: 1.400
- Js Mean: 4.570, Median: 4.350

Comparison of Wasm and Js Performance Across Browsers for quicksort

Convolution Image Pocessing Report in 3 Major Browsers

Performance Statistics

Chrome Browser:
- Wasm Mean: 87.280, Median: 80.600
- Js Mean: 584.920, Median: 571.700
Firefox Browser:
- Wasm Mean: 109.800, Median: 103.000
- Js Mean: 1045.000, Median: 1099.000
Edge Browser:
- Wasm Mean: 100.920, Median: 94.100
- Js Mean: 727.780, Median: 676.300

Comparison of Wasm and Js Performance Across Browsers for convolution