

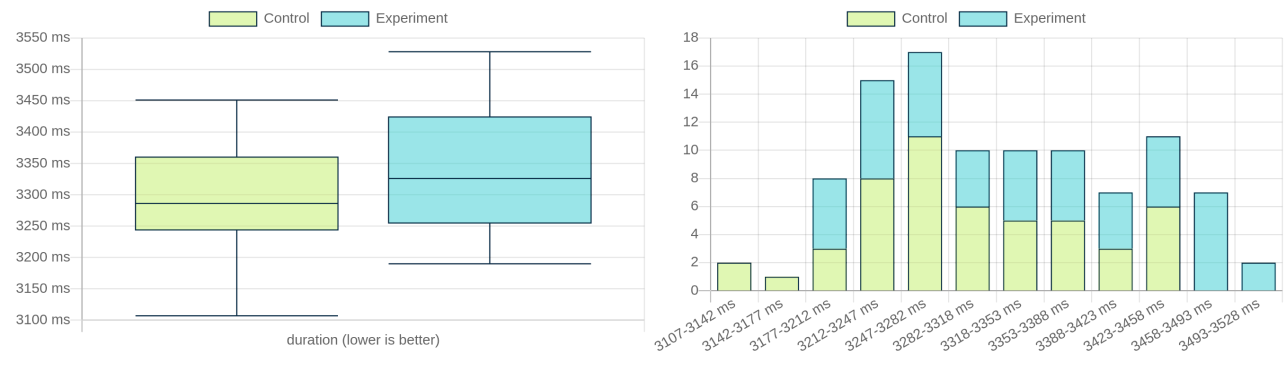
# Boxplot & Frequency Results

TracerBench on HeadlessChrome/125.0.6422.60



## duration (No/Borderline Difference)

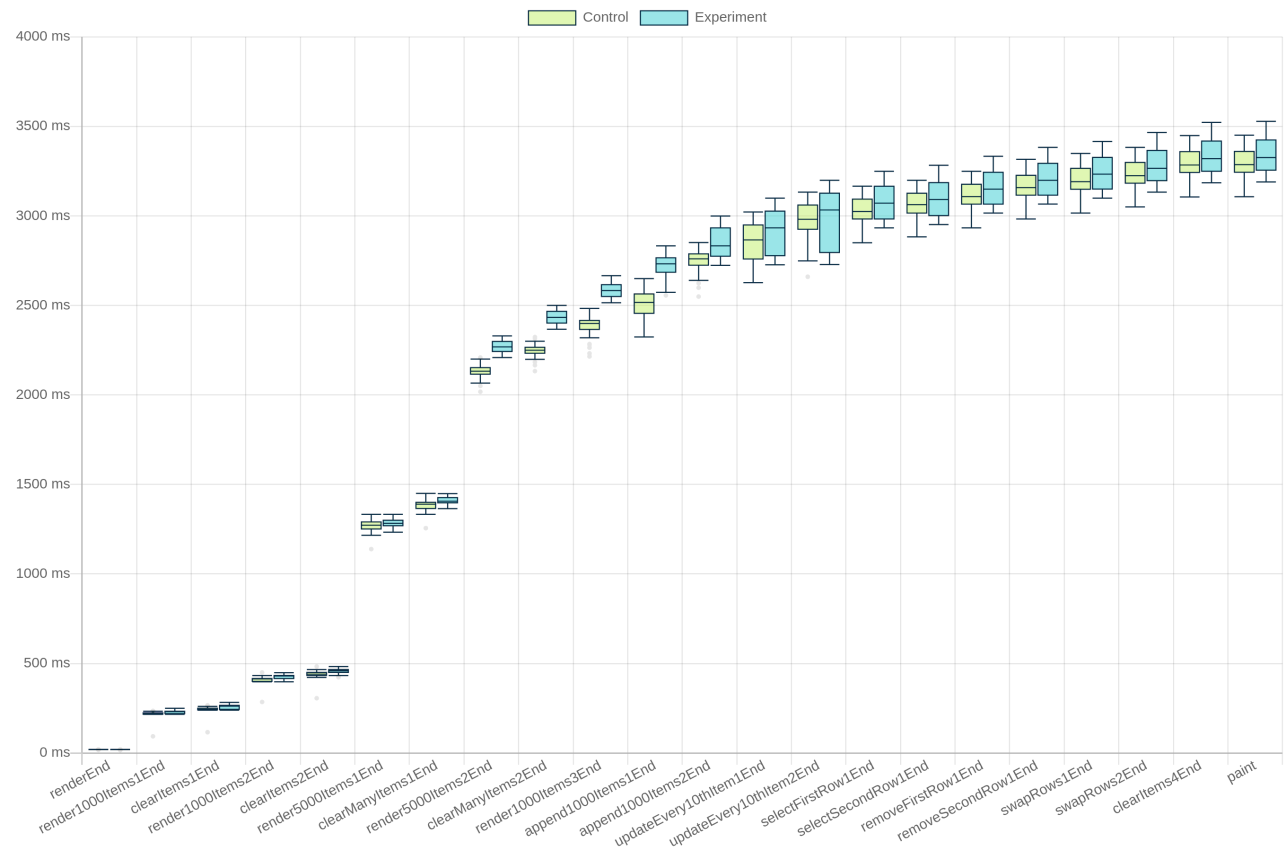
Based on the P-value of this benchmark the evidence for a metric shift is **weak**. TracerBench has determined the results are **not significant**.



## Cumulative sub-phases of duration

The chart below shows the finish times (a point in the page load duration) of the sub-phases for experiment and control. It gives a high level view on what changed (if any).

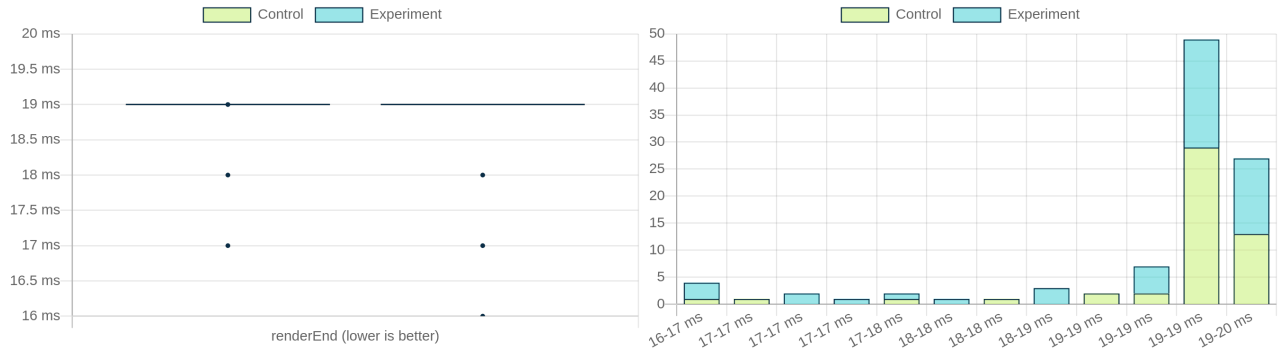
You can view more details about the sub-phases in the section below "Isolated sub-phases of duration".



# Isolated sub-phases of duration

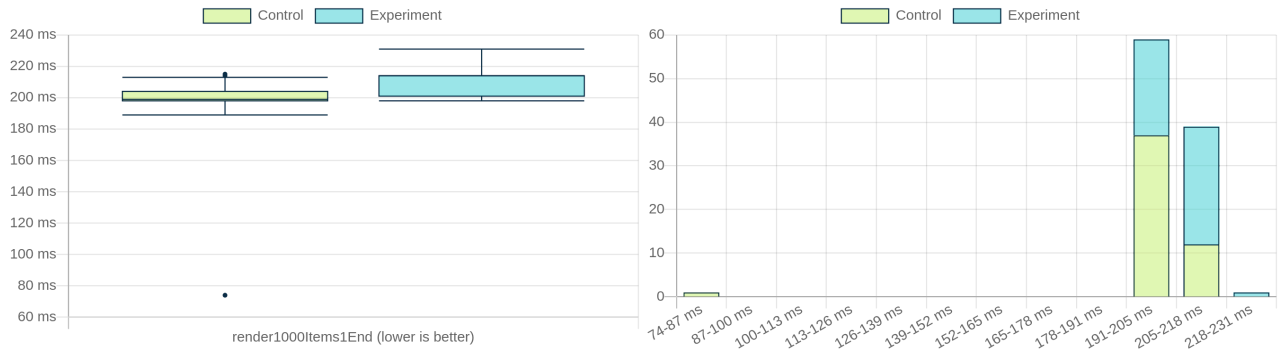
## renderEnd (No/Borderline Difference)

Based on the P-value of this benchmark the evidence for a metric shift is **weak**. TracerBench has determined the results are **not significant**.



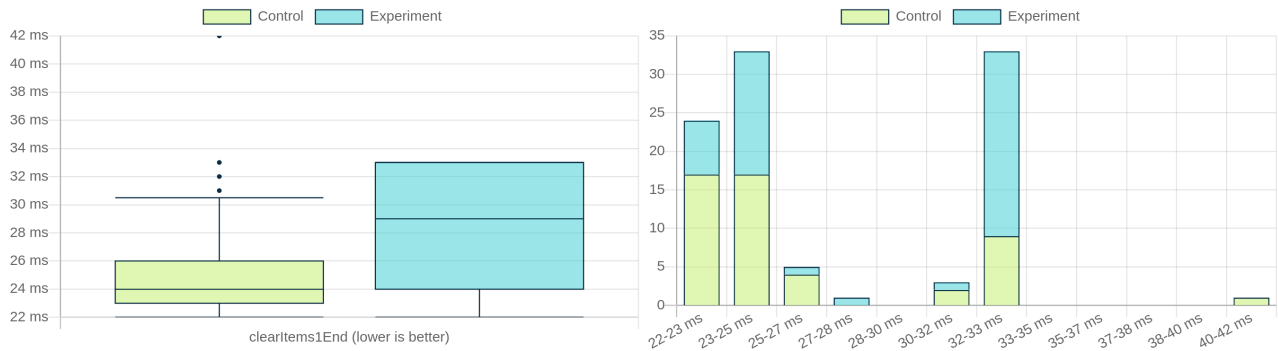
## render1000Items1End (4 ms slower)

Based on the P-value of this benchmark the evidence for a metric shift is **very strong**. TracerBench has determined the results are **significant** meaning they are worth looking at. A statistics estimator ([Hodges-Lehmann estimator](#)) was used to determine "Experiment" is **slower by 4 ms**. TracerBench is 95% confident "Experiment" is **slower between 1 ms to 13 ms** based on 50 samples using a ([confidence interval](#)).



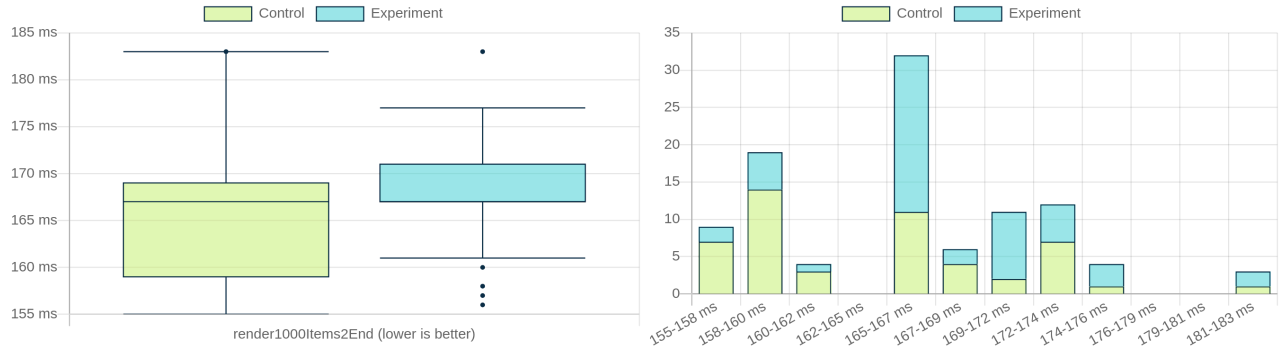
## clearItems1End (1 ms slower)

Based on the P-value of this benchmark the evidence for a metric shift is **very strong**. TracerBench has determined the results are **significant** meaning they are worth looking at. A statistics estimator ([Hodges-Lehmann estimator](#)) was used to determine "Experiment" is **slower by 1 ms**. TracerBench is 95% confident "Experiment" is **slower between 0 ms to 4 ms** based on 50 samples using a ([confidence interval](#)).



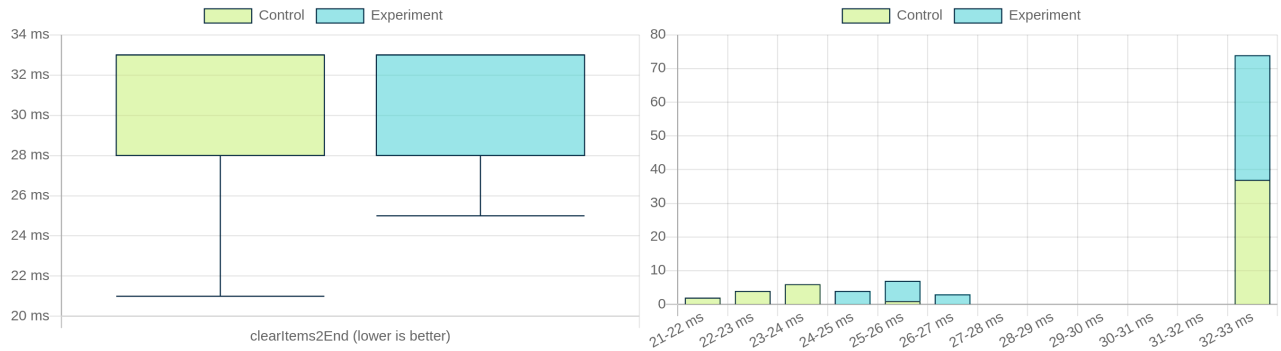
## render1000Items2End (4 ms slower)

Based on the P-value of this benchmark the evidence for a metric shift is **very strong**. TracerBench has determined the results are **significant** meaning they are worth looking at. A statistics estimator (*Hodges-Lehmann estimator*) was used to determine "Experiment" is **slower by 4 ms**. TracerBench is 95% confident "Experiment" is **slower between 0 ms to 7 ms** based on 50 samples using a (*confidence interval*).



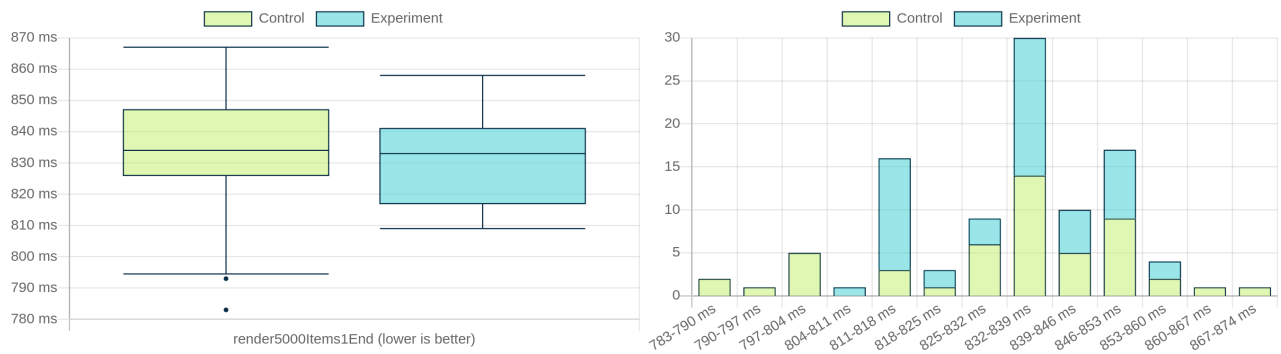
## clearItems2End (No/Borderline Difference)

Based on the P-value of this benchmark the evidence for a metric shift is **strong**. TracerBench has determined the results are **not significant**.



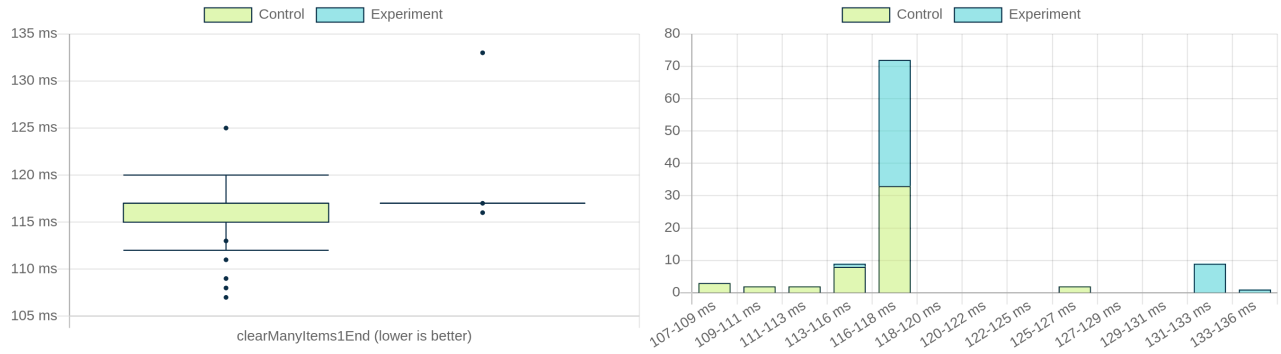
## render5000Items1End (No/Borderline Difference)

Based on the P-value of this benchmark the evidence for a metric shift is **weak**. TracerBench has determined the results are **not significant**.



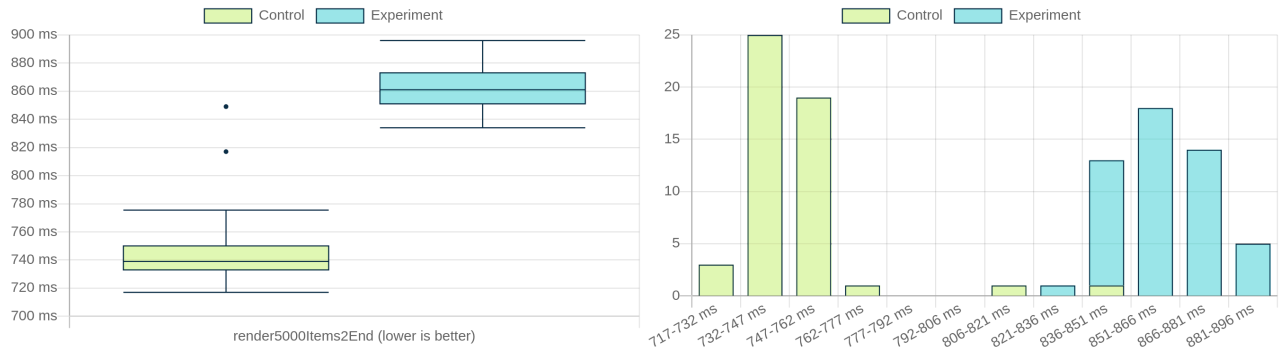
## clearManyItems1End (No/Borderline Difference)

Based on the P-value of this benchmark the evidence for a metric shift is **weak**. TracerBench has determined the results are **not significant**.



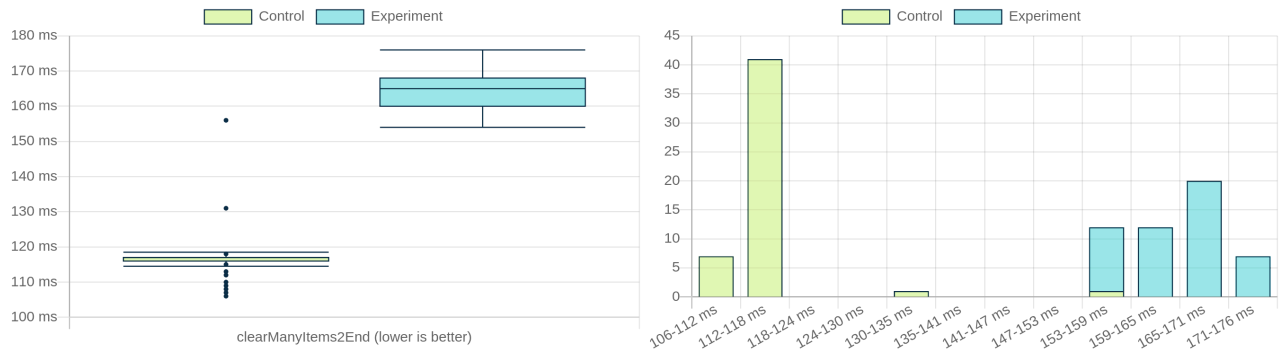
## render5000Items2End (120 ms slower)

Based on the P-value of this benchmark the evidence for a metric shift is **very strong**. TracerBench has determined the results are **significant** meaning they are worth looking at. A statistics estimator (*Hodges-Lehmann estimator*) was used to determine "Experiment" is **slower** by **120 ms**. TracerBench is 95% confident "Experiment" is **slower** between **113 ms to 126 ms** based on 50 samples using a (*confidence interval*).



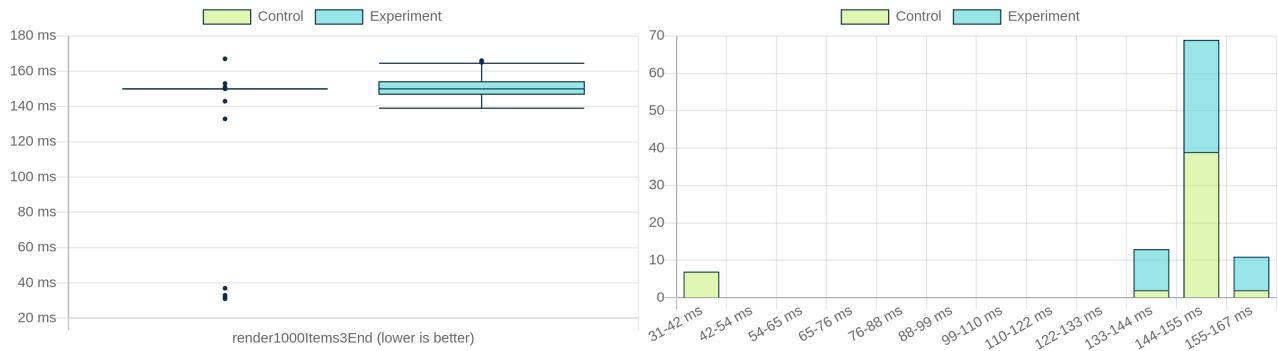
## clearManyItems2End (49 ms slower)

Based on the P-value of this benchmark the evidence for a metric shift is **very strong**. TracerBench has determined the results are **significant** meaning they are worth looking at. A statistics estimator (*Hodges-Lehmann estimator*) was used to determine "Experiment" is **slower** by **49 ms**. TracerBench is 95% confident "Experiment" is **slower** between **47 ms to 50 ms** based on 50 samples using a (*confidence interval*).



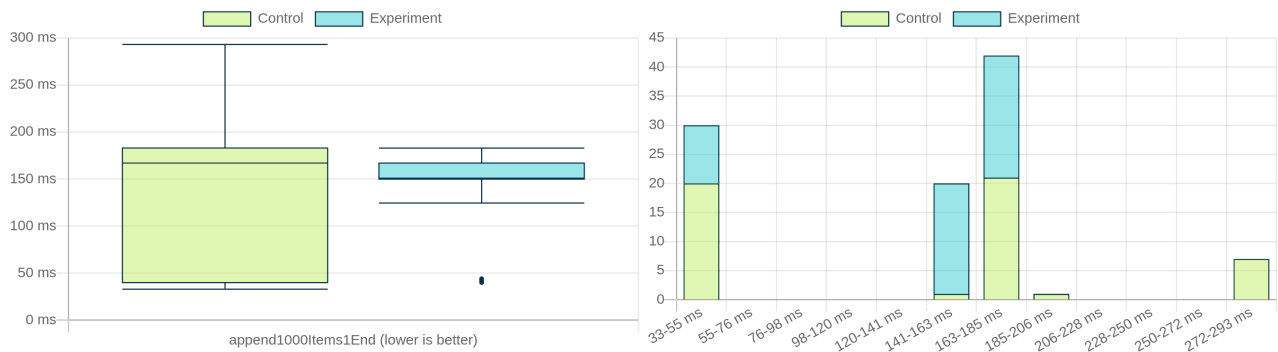
## render1000Items3End (No/Borderline Difference)

Based on the P-value of this benchmark the evidence for a metric shift is **weak**. TracerBench has determined the results are **not significant**.



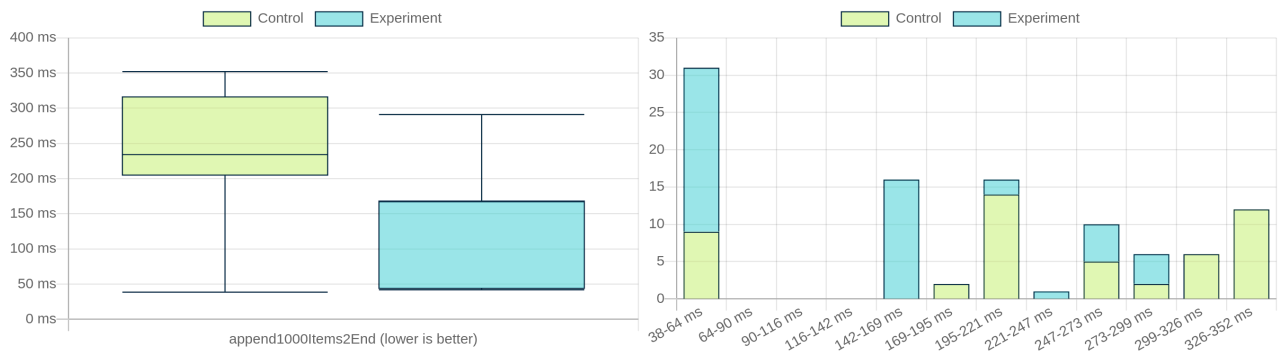
## append1000Items1End (No/Borderline Difference)

Based on the P-value of this benchmark the evidence for a metric shift is **weak**. TracerBench has determined the results are **not significant**.



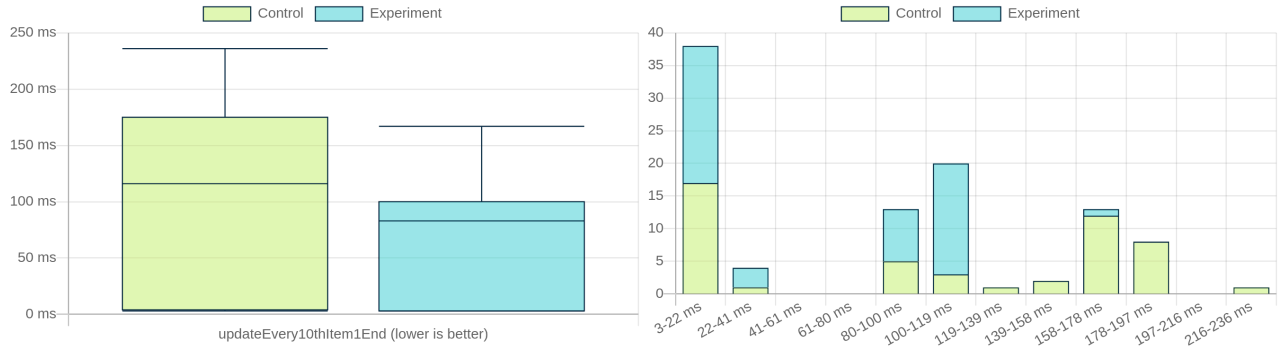
## append1000Items2End (109 ms faster)

Based on the P-value of this benchmark the evidence for a metric shift is **very strong**. TracerBench has determined the results are **significant** meaning they are worth looking at. A statistics estimator ([Hodges-Lehmann estimator](#)) was used to determine "Experiment" is **faster by 109 ms**. TracerBench is 95% confident "Experiment" is **faster between 45 ms to 161 ms** based on 50 samples using a ([confidence interval](#)).



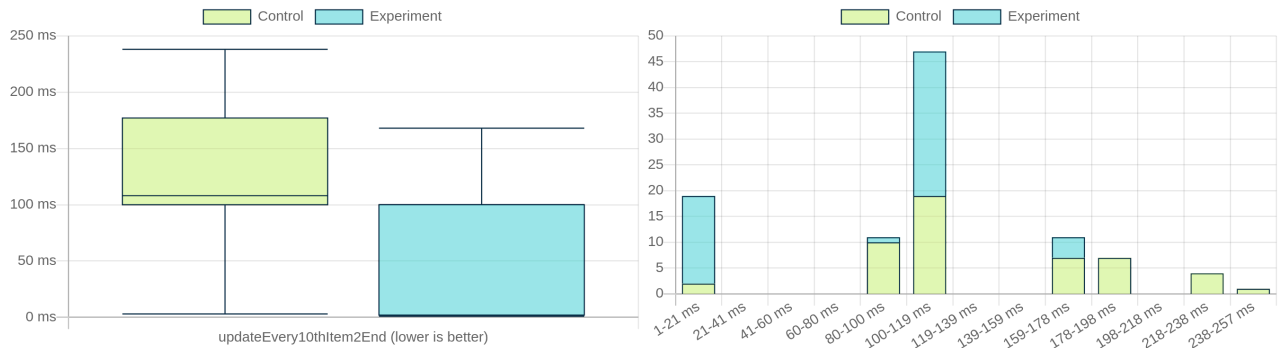
## updateEvery10thItem1End (70 ms faster)

Based on the P-value of this benchmark the evidence for a metric shift is **very strong**. TracerBench has determined the results are **significant** meaning they are worth looking at. A statistics estimator (*Hodges-Lehmann estimator*) was used to determine "Experiment" is **faster** by **70 ms**. TracerBench is 95% confident "Experiment" is **faster** between **1 ms to 82 ms** based on 50 samples using a (*confidence interval*).



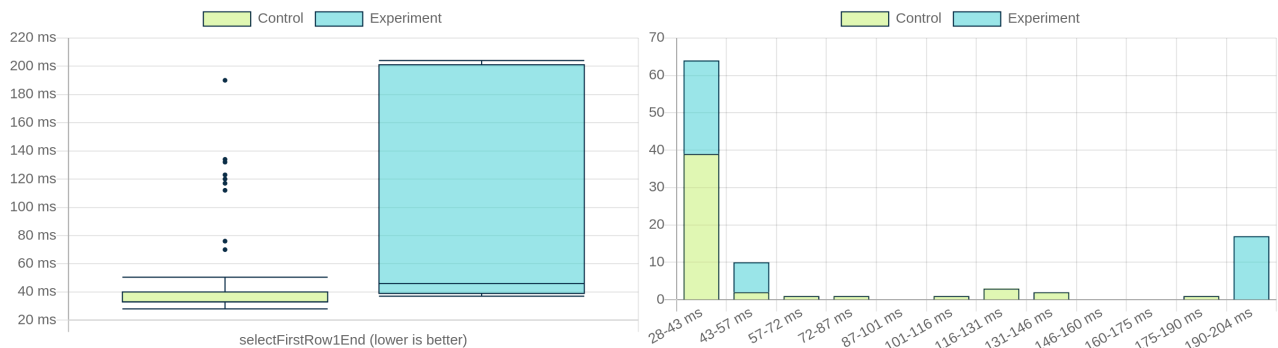
## updateEvery10thItem2End (75 ms faster)

Based on the P-value of this benchmark the evidence for a metric shift is **very strong**. TracerBench has determined the results are **significant** meaning they are worth looking at. A statistics estimator (*Hodges-Lehmann estimator*) was used to determine "Experiment" is **faster** by **75 ms**. TracerBench is 95% confident "Experiment" is **faster** between **10 ms to 90 ms** based on 50 samples using a (*confidence interval*).



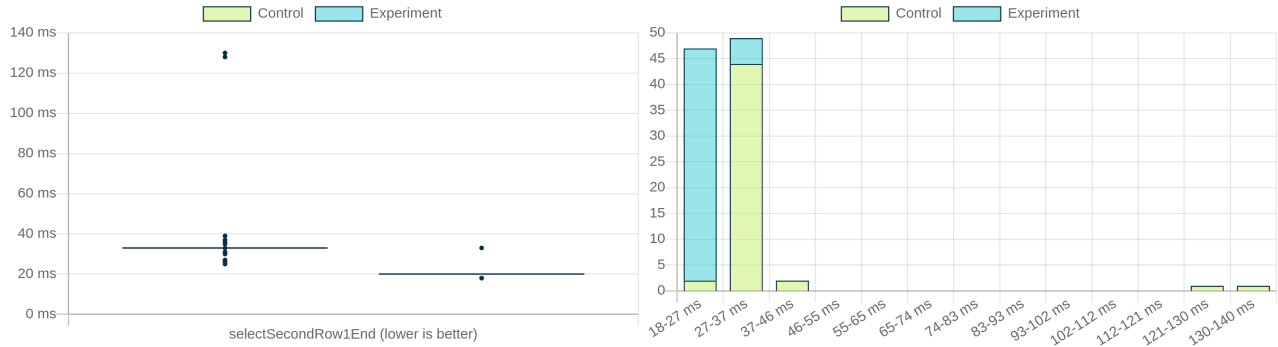
## selectFirstRow1End (8 ms slower)

Based on the P-value of this benchmark the evidence for a metric shift is **very strong**. TracerBench has determined the results are **significant** meaning they are worth looking at. A statistics estimator (*Hodges-Lehmann estimator*) was used to determine "Experiment" is **slower** by **8 ms**. TracerBench is 95% confident "Experiment" is **slower** between **6 ms to 17 ms** based on 50 samples using a (*confidence interval*).



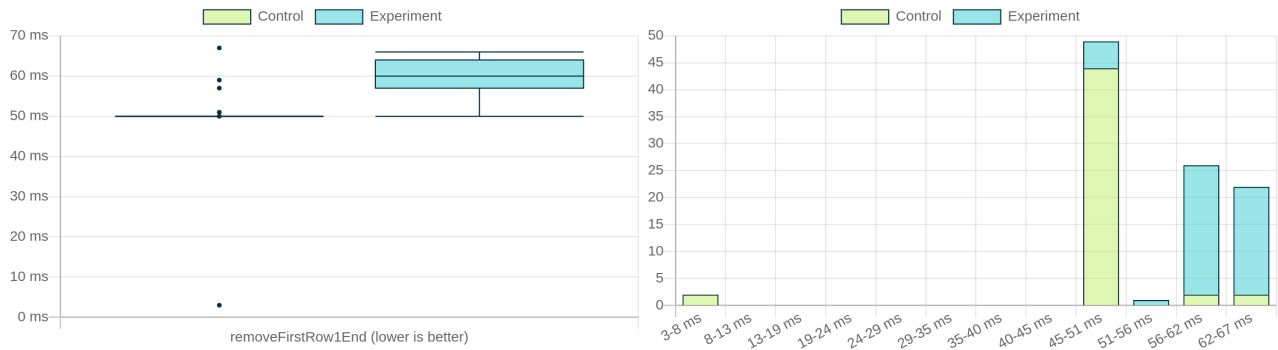
## selectSecondRow1End (14 ms faster)

Based on the P-value of this benchmark the evidence for a metric shift is **very strong**. TracerBench has determined the results are **significant** meaning they are worth looking at. A statistics estimator (*Hodges-Lehmann estimator*) was used to determine "Experiment" is **faster by 14 ms**. TracerBench is 95% confident "Experiment" is **faster between 13 ms to 14 ms** based on 50 samples using a (*confidence interval*).



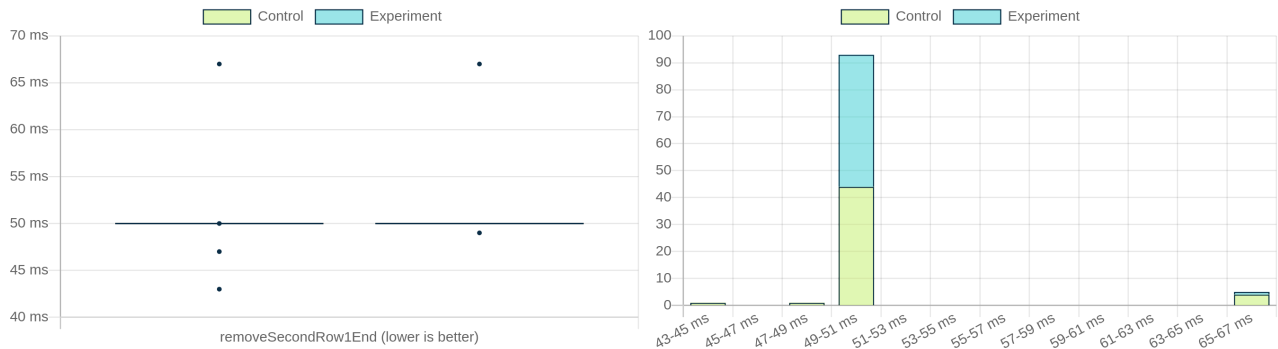
## removeFirstRow1End (9 ms slower)

Based on the P-value of this benchmark the evidence for a metric shift is **very strong**. TracerBench has determined the results are **significant** meaning they are worth looking at. A statistics estimator (*Hodges-Lehmann estimator*) was used to determine "Experiment" is **slower by 9 ms**. TracerBench is 95% confident "Experiment" is **slower between 8 ms to 13 ms** based on 50 samples using a (*confidence interval*).



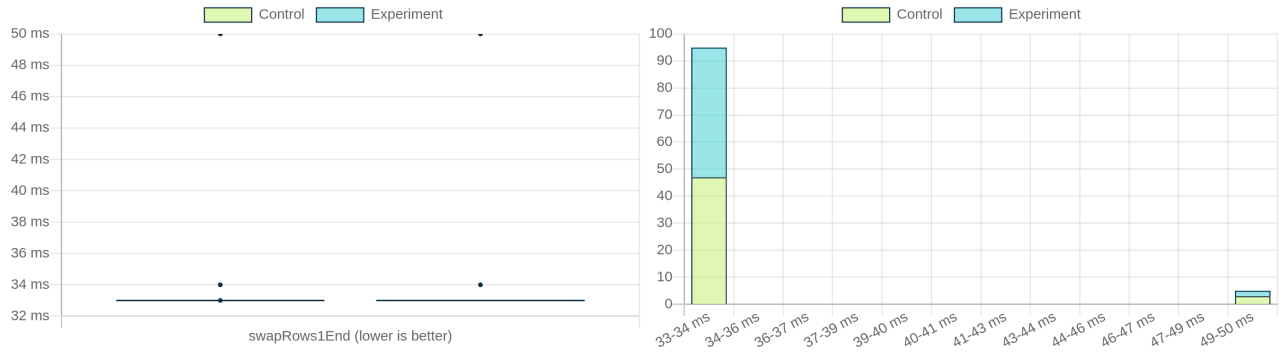
## removeSecondRow1End (No/Borderline Difference)

Based on the P-value of this benchmark the evidence for a metric shift is **very strong**. TracerBench has determined the results are **not significant**.



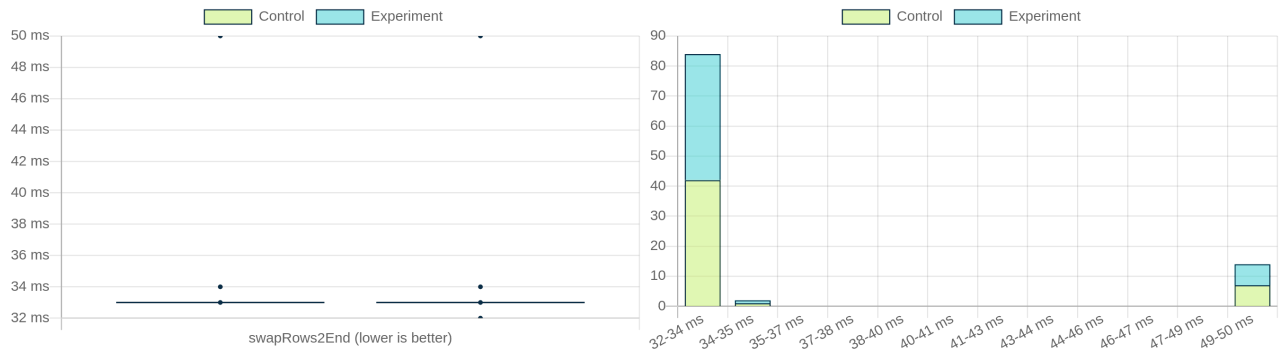
## swapRows1End (No/Borderline Difference)

Based on the P-value of this benchmark the evidence for a metric shift is **weak**. TracerBench has determined the results are **not significant**.



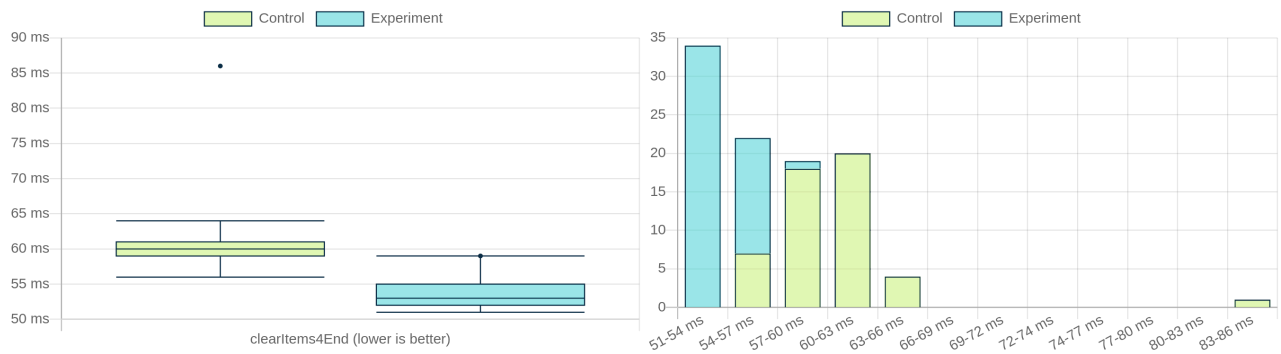
## swapRows2End (No/Borderline Difference)

Based on the P-value of this benchmark the evidence for a metric shift is **weak**. TracerBench has determined the results are **not significant**.



## clearItems4End (7 ms faster)

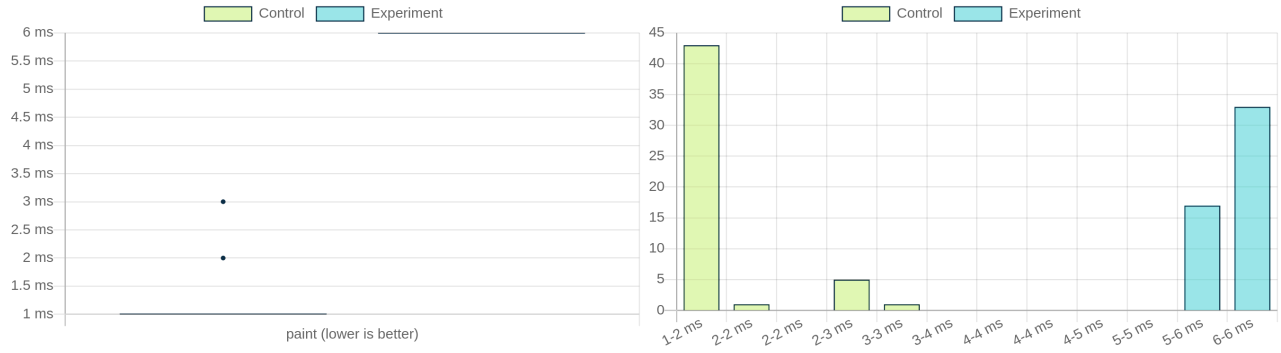
Based on the P-value of this benchmark the evidence for a metric shift is **very strong**. TracerBench has determined the results are **significant** meaning they are worth looking at. A statistics estimator ([Hodges-Lehmann estimator](#)) was used to determine "Experiment" is **faster by 7 ms**. TracerBench is 95% confident "Experiment" is **faster between 6 ms to 7 ms** based on 50 samples using a ([confidence interval](#)).





# paint (4 ms slower)

Based on the P-value of this benchmark the evidence for a metric shift is **very strong**. TracerBench has determined the results are **significant** meaning they are worth looking at. A statistics estimator ([Hodges-Lehmann estimator](#)) was used to determine "Experiment" is **slower by 4 ms**. TracerBench is 95% confident "Experiment" is **slower between 4 ms to 4 ms** based on 50 samples using a ([confidence interval](#)).



# Resources

- [Stats Primer](#)
  - [Understanding Boxplots](#)
  - [Wilcoxon Rank-Sum Test](#)
- 

## Configs Used

```
{  
  "tbResultsFolder": "/home/runner/work/glimmer-next/glimmer-next/tracerbench-results",  
  "config": "undefined",  
  "isCIEnv": false,  
  "plotTitle": "TracerBench"  
}
```