

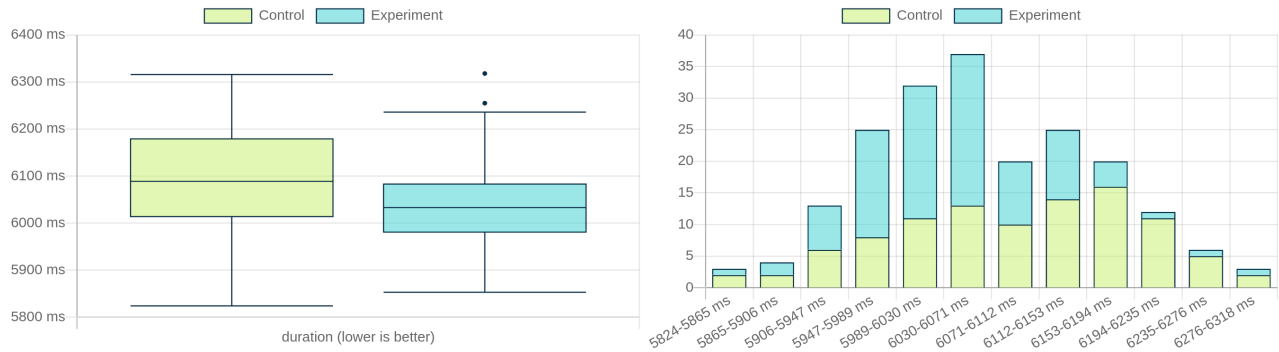
Boxplot & Frequency Results

TracerBench on HeadlessChrome/120.0.6099.109



duration (63 ms faster)

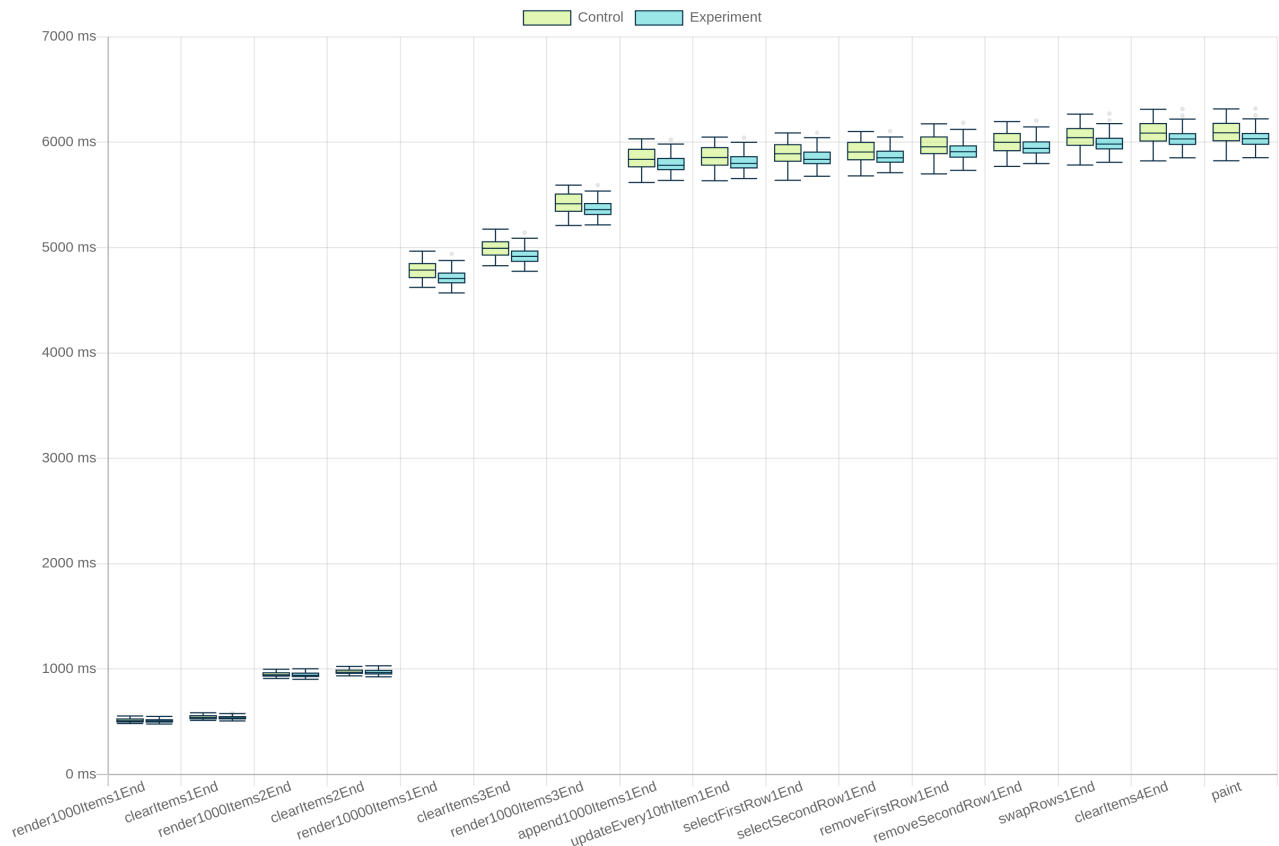
Based on the P-value of this benchmark the evidence for a metric shift is **very strong**. TracerBench has determined the results are **significant** meaning they are worth looking at. A statistics estimator (*Hodges-Lehmann estimator*) was used to determine "Experiment" is **faster** by **63 ms**. TracerBench is 95% confident "Experiment" is **faster** between **33 ms to 91 ms** based on 100 samples using a (*confidence interval*).



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).

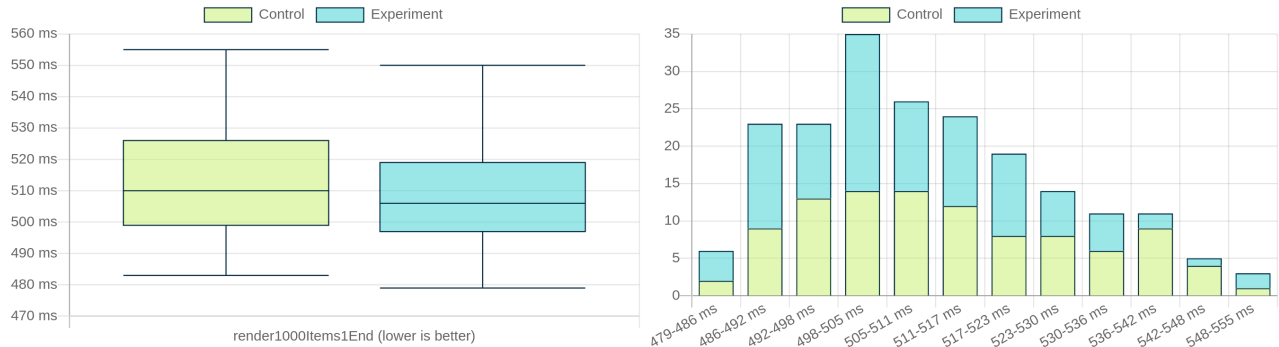
You can view more details about the sub-phases in the section below "Isolated sub-phases of duration".



Isolated sub-phases of duration

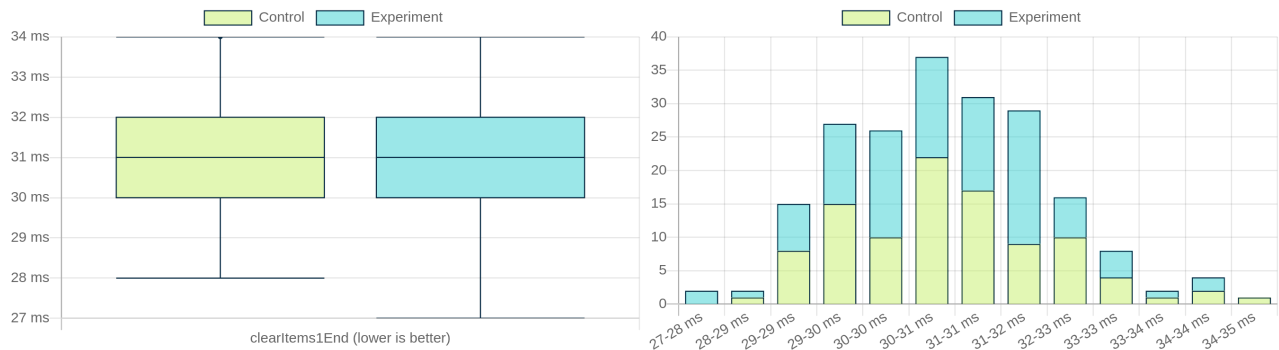
render1000Items1End (No/Borderline Difference)

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



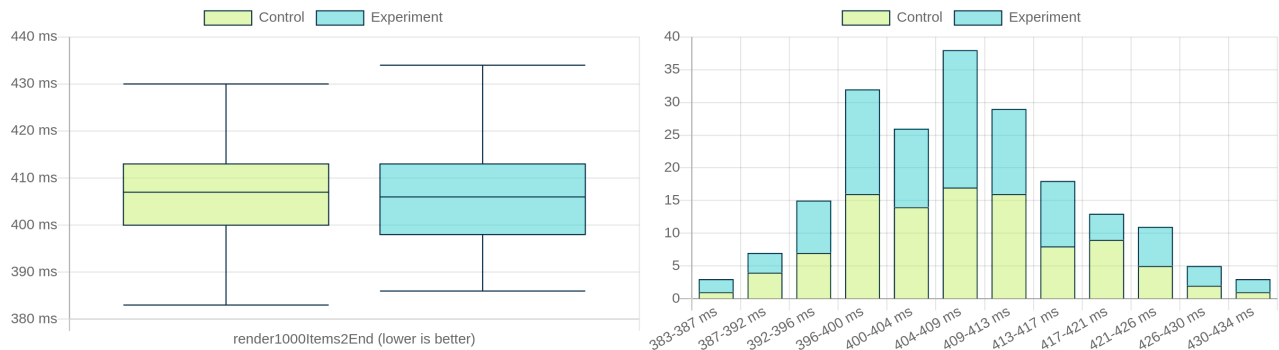
clearItems1End (No/Borderline Difference)

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



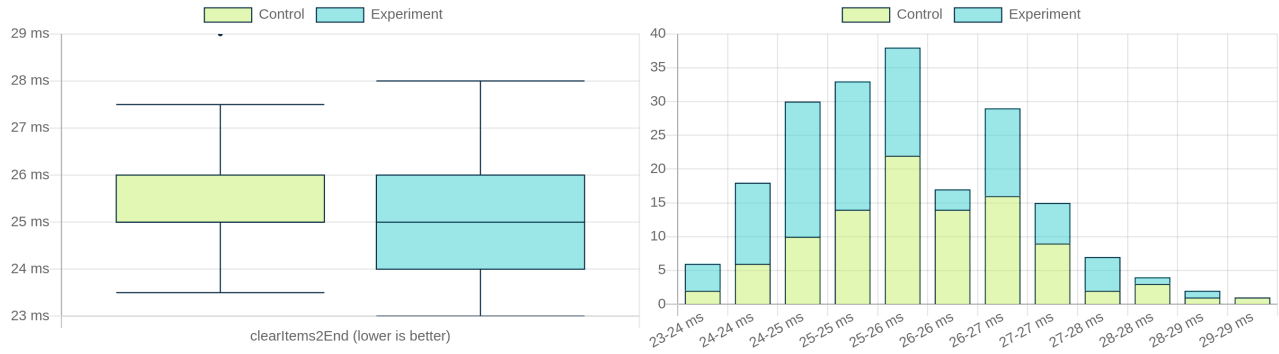
render1000Items2End (No/Borderline Difference)

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



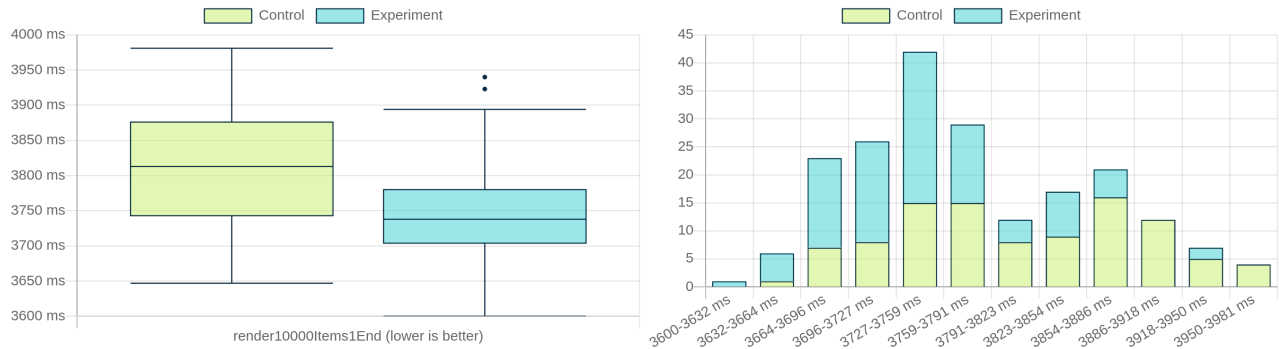
clearItems2End (No/Borderline Difference)

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**.



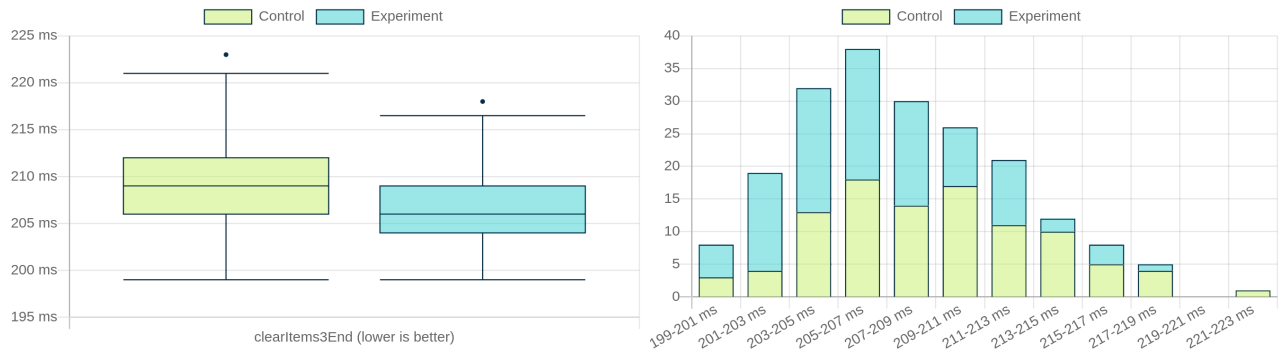
render10000Items1End (66 ms faster)

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 **66 ms**. TracerBench is 95% confident "Experiment" is **faster** between **43 ms to 90 ms** based on 100 samples using a ([confidence interval](#)).



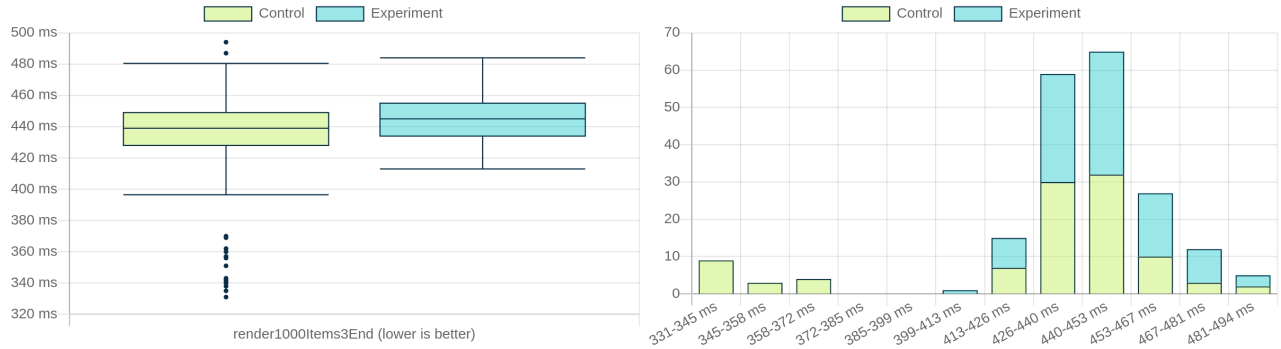
clearItems3End (2 ms faster)

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 **2 ms**. TracerBench is 95% confident "Experiment" is **faster** between **1 ms to 4 ms** based on 100 samples using a ([confidence interval](#)).



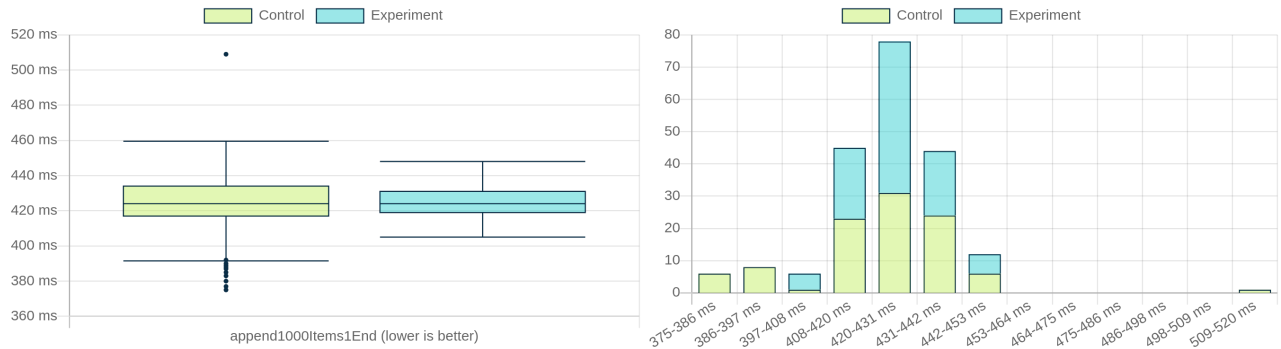
render1000Items3End (7 ms slower)

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 7 ms**. TracerBench is 95% confident "Experiment" is **slower between 2 ms to 12 ms** based on 100 samples using a (*confidence interval*).



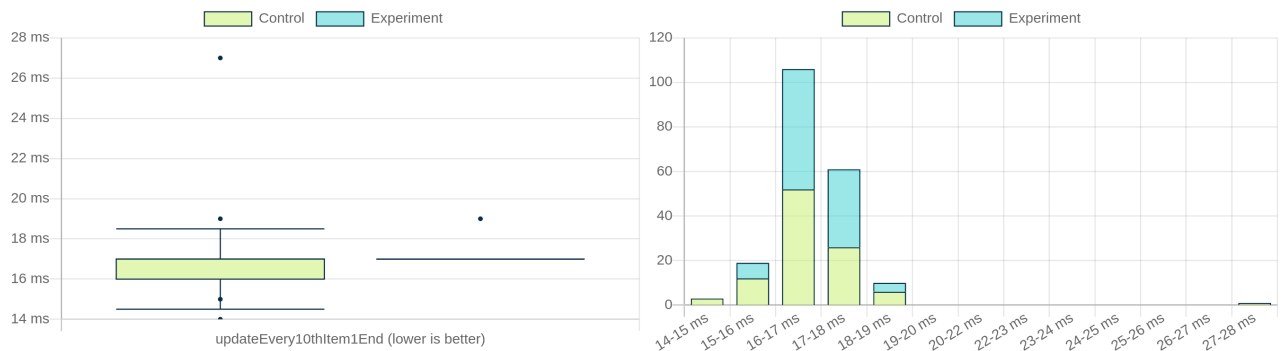
append1000Items1End (No/Borderline Difference)

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



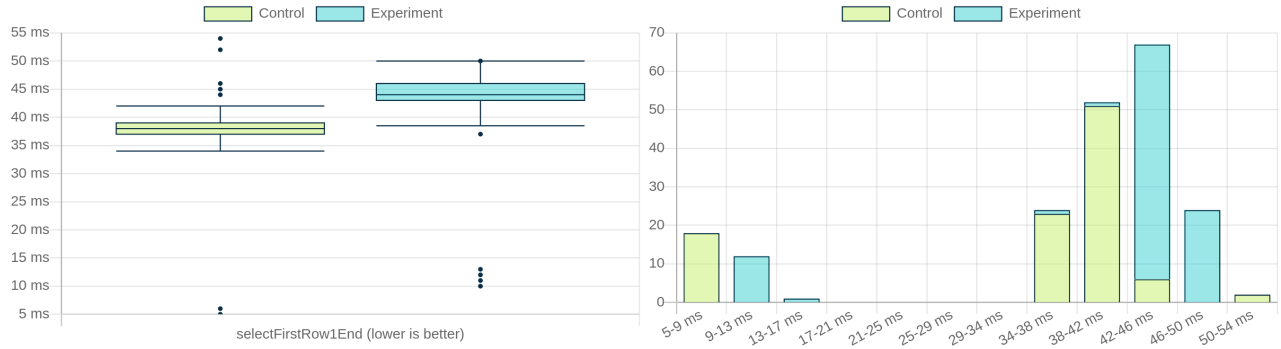
updateEvery10thItem1End (No/Borderline Difference)

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



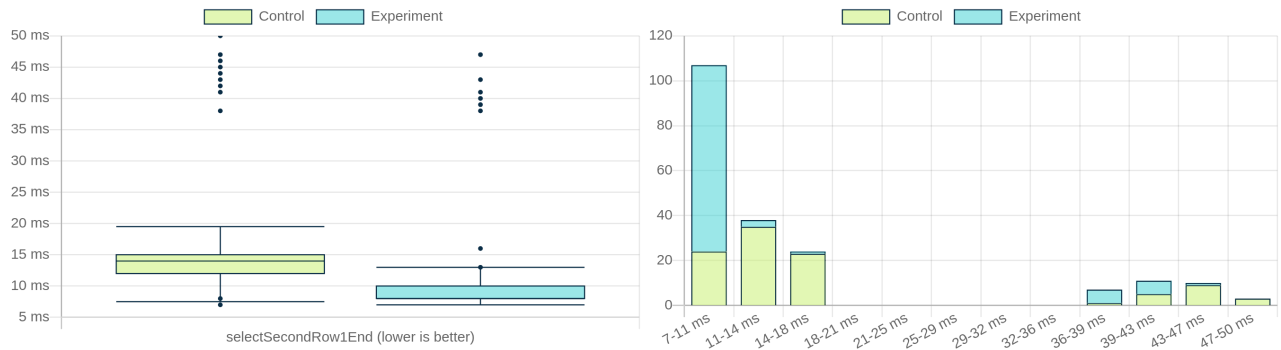
selectFirstRow1End (6 ms slower)

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 **6 ms**. TracerBench is 95% confident "Experiment" is **slower** between **5 ms to 7 ms** based on 100 samples using a ([confidence interval](#)).



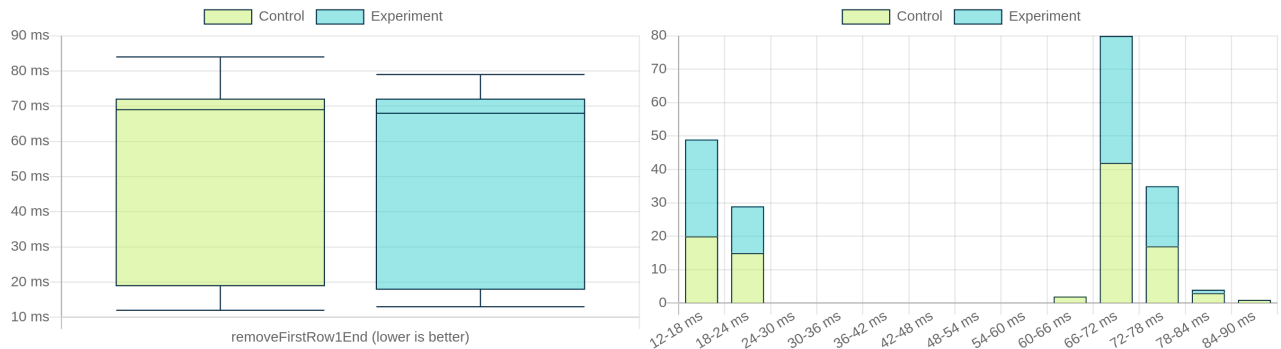
selectSecondRow1End (5 ms faster)

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 **5 ms**. TracerBench is 95% confident "Experiment" is **faster** between **4 ms to 5 ms** based on 100 samples using a ([confidence interval](#)).



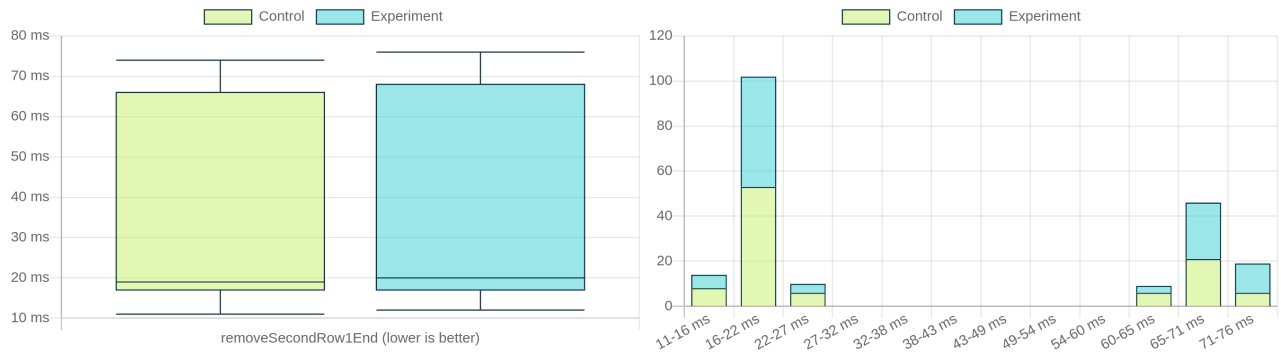
removeFirstRow1End (No/Borderline Difference)

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



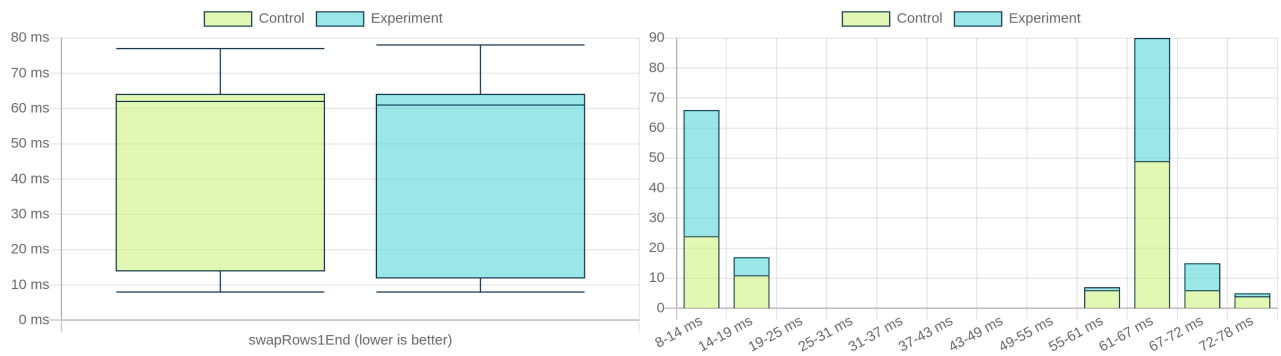
removeSecondRow1End (No/Borderline Difference)

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



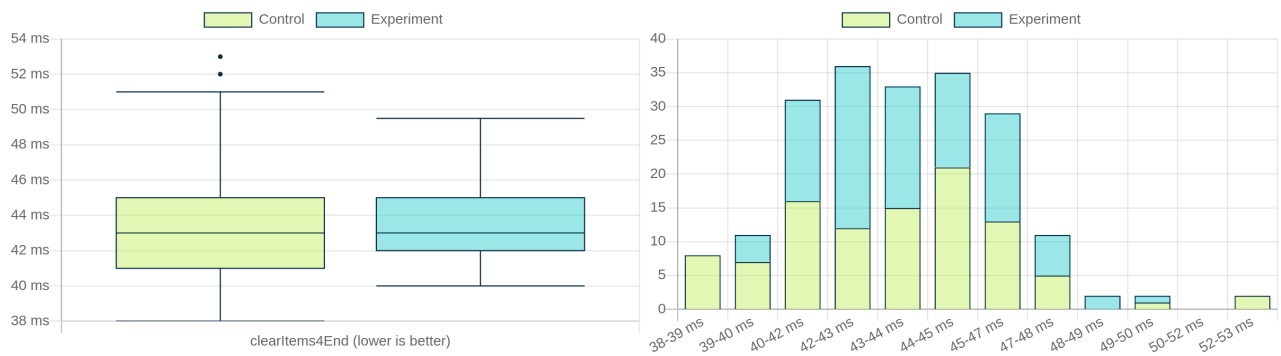
swapRows1End (No/Borderline Difference)

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



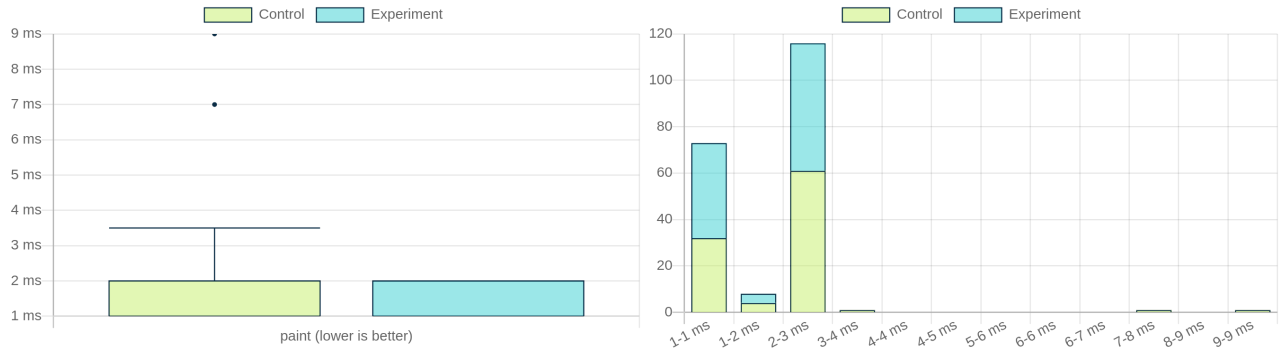
clearItems4End (No/Borderline Difference)

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



paint (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**.



Resources

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

Configs Used

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