duration (No/Borderline Difference)
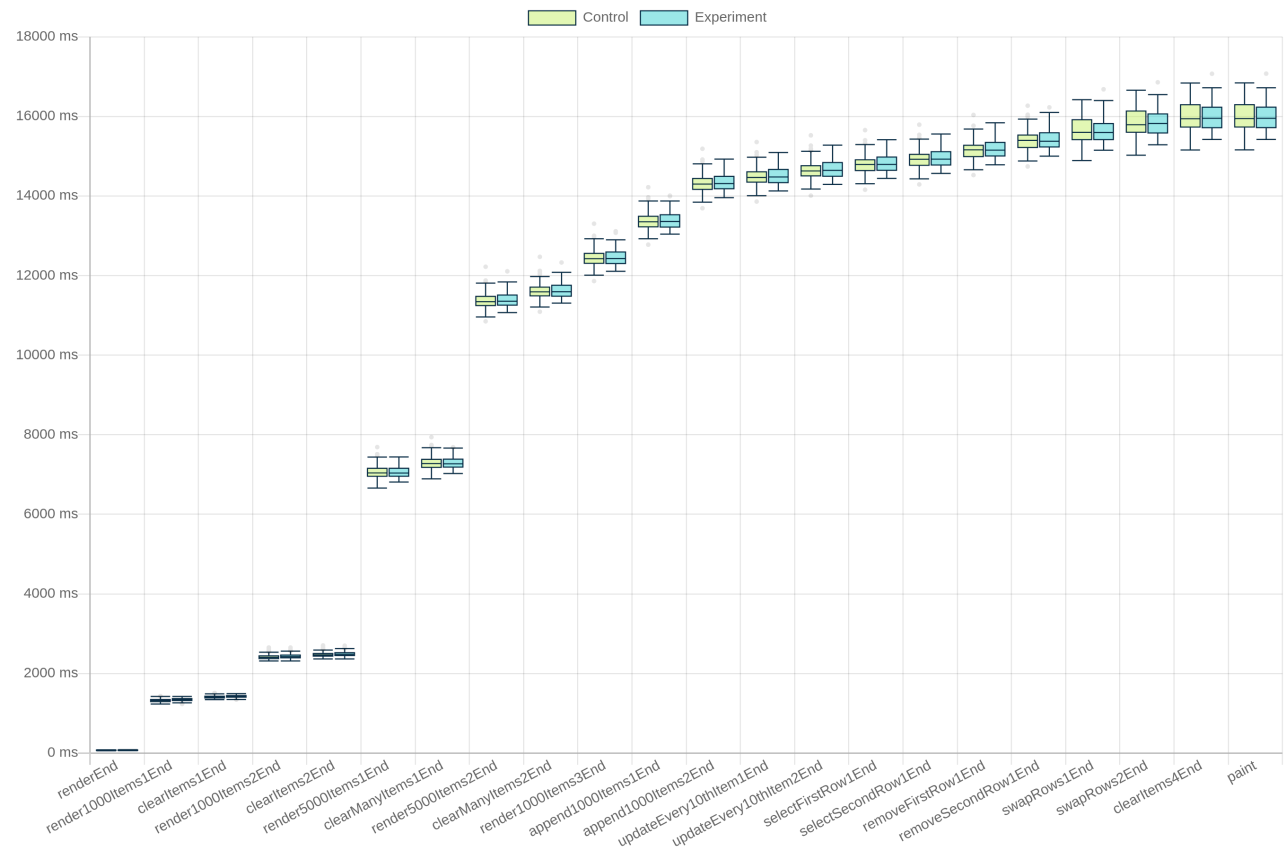
Based on the P-value of this benchmark the evidence for a metric shift is **weak.** TracerBench has determined the results are **not significant**.
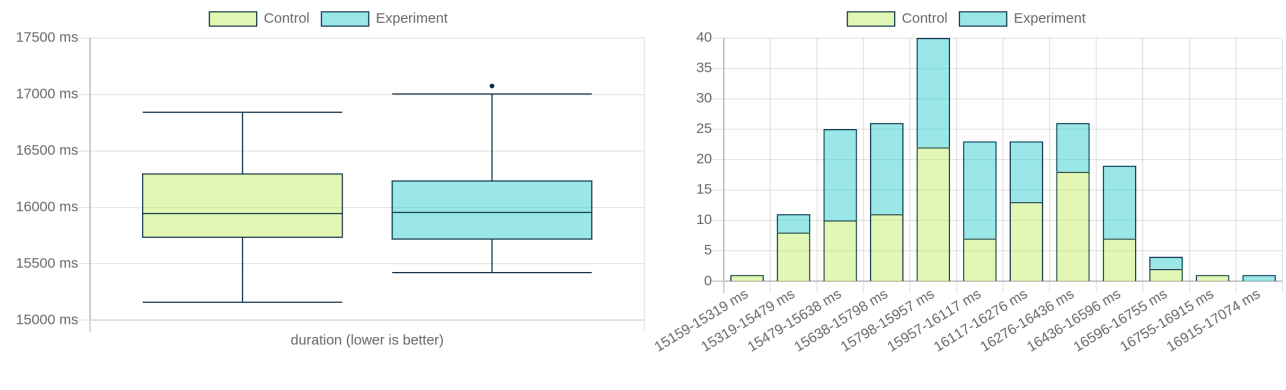
Cumulative sub-phases of duration

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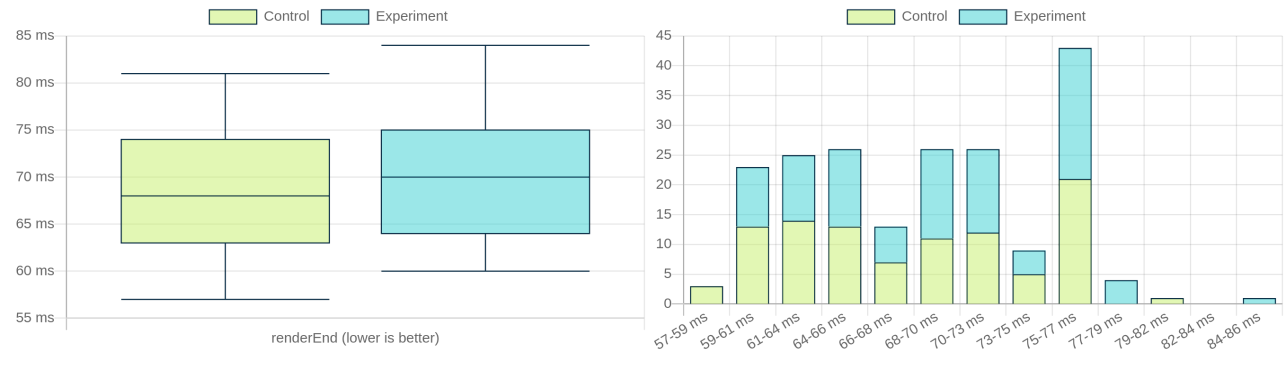
You can view more details about the sub-phases in the section below "Isolated sub-phases of duration".
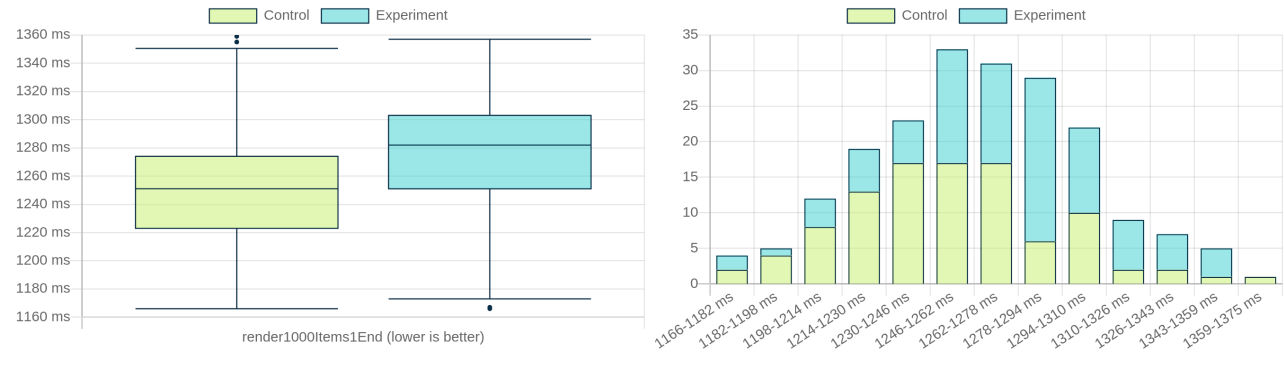
Isolated sub-phases of duration

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**.
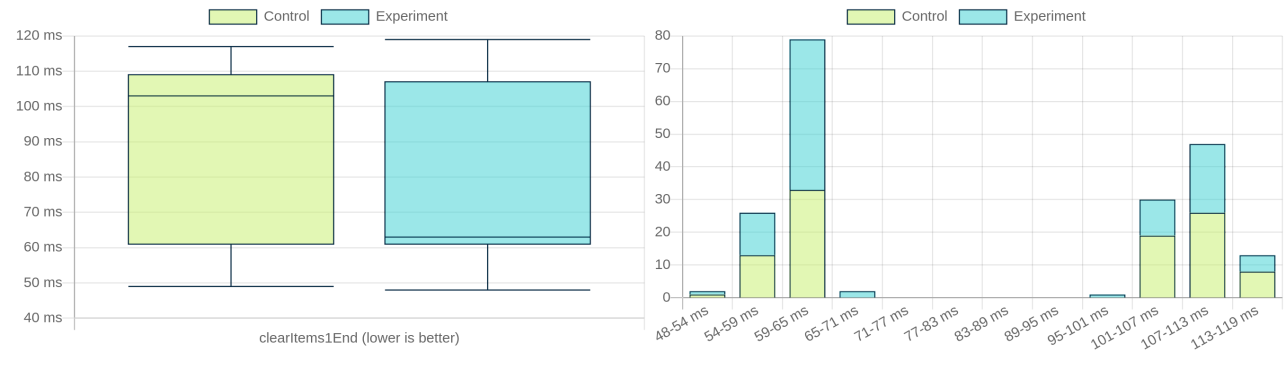

renderEnd (lower is better)

render1000Items1End (24 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 **24 ms**. TracerBench is 95% confident "Experiment" is **slower** between **15 ms to 36 ms** based on 100 samples using a *(confidence interval)*.

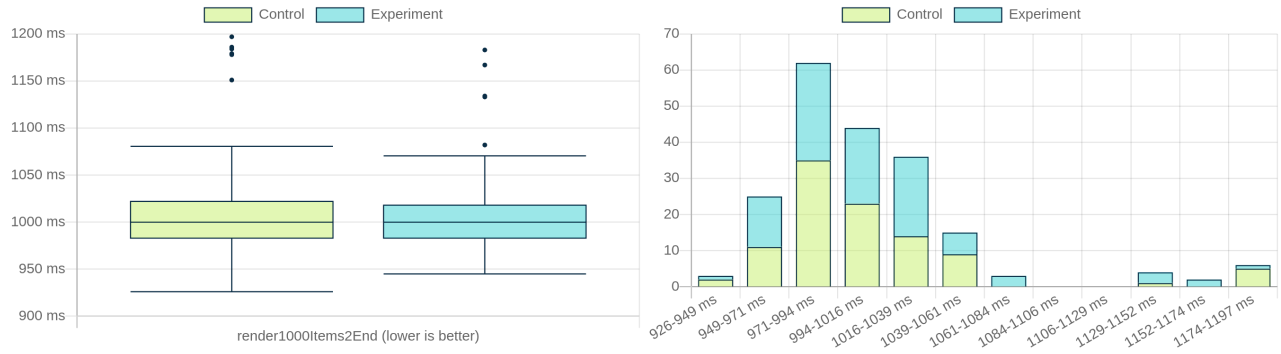render1000Items1End (lower is better)

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**.
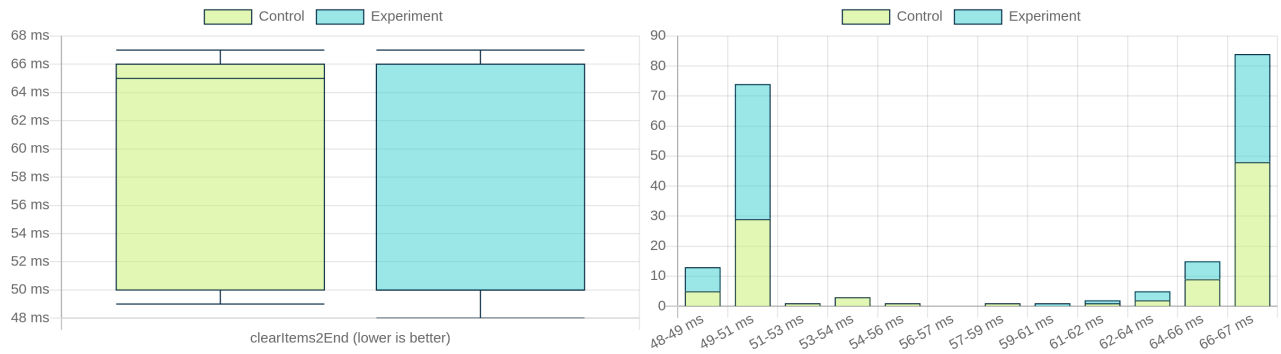

clearItems1End (lower is better)

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**.
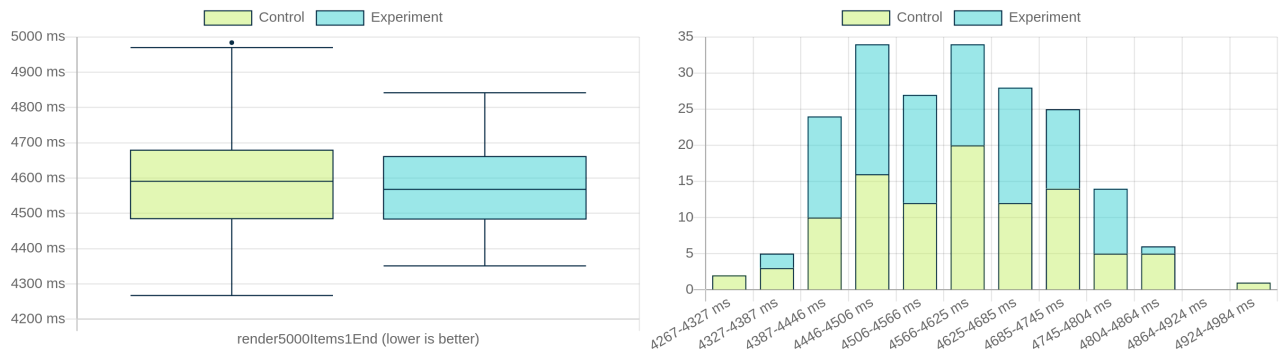

clearItems2End (No/Borderline Difference)

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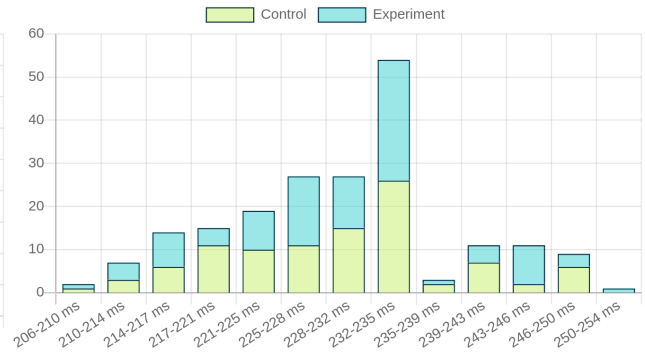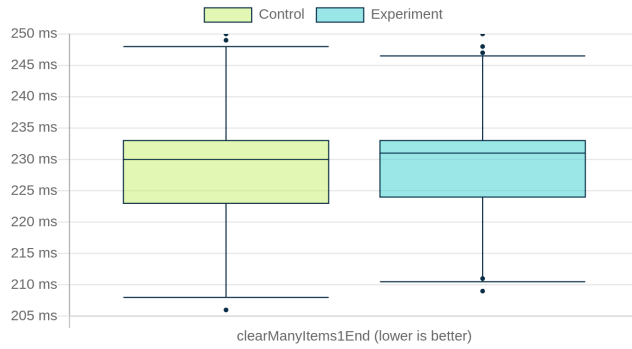

render5000Items1End (No/Borderline Difference)

Based on the P-value of this benchmark the evidence for a metric shift is **weak.** TracerBench has determined the results are **not significant**.
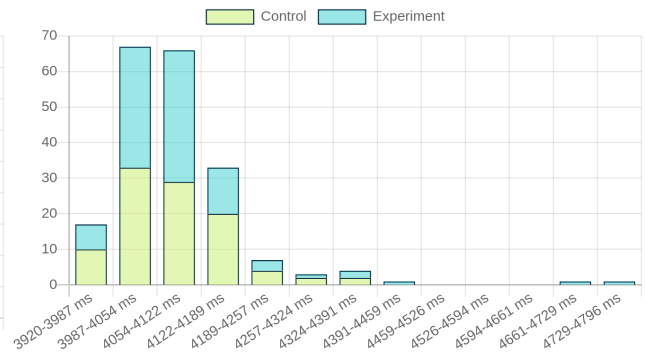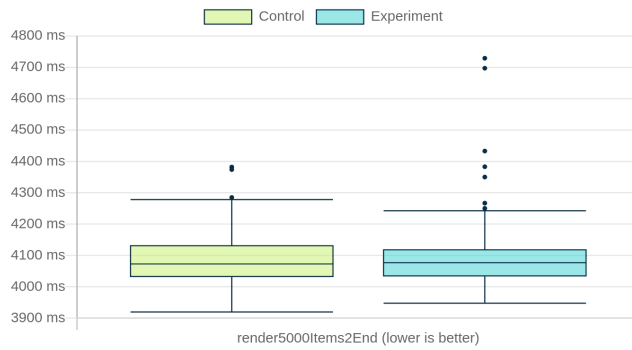
clearManyItems1End (No/Borderline Difference)

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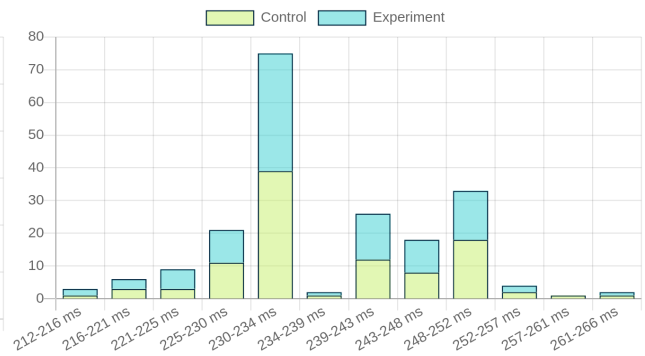

render5000Items2End (No/Borderline Difference)

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

clearManyItems2End (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**.
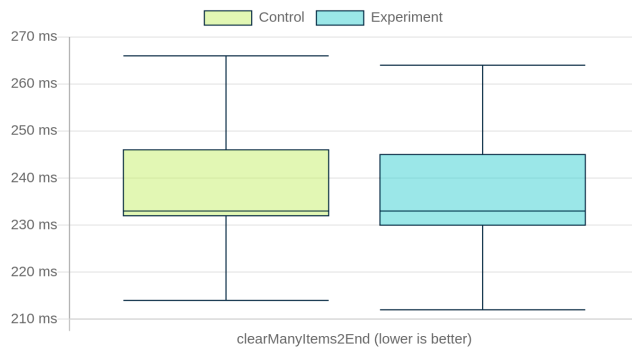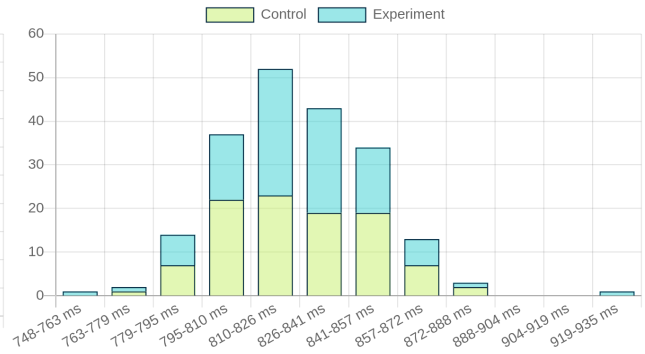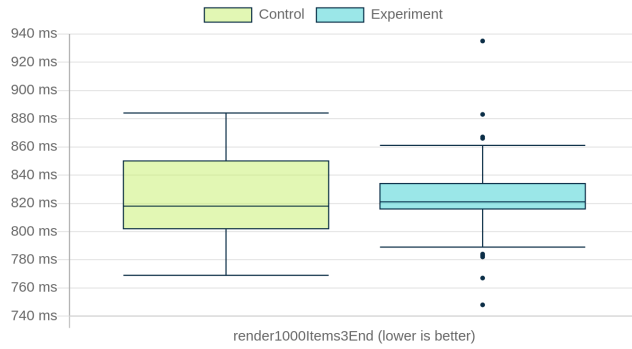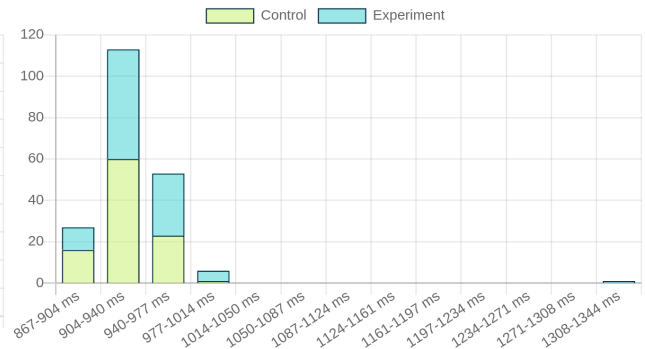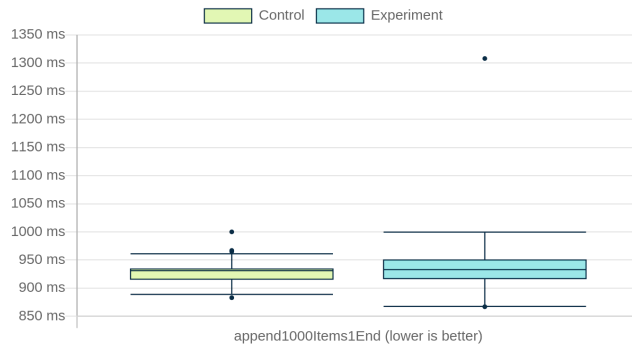
render1000Items3End (No/Borderline Difference)

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

render1000Items3End (lower is better)

append1000Items1End (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 16 ms** based on 100 samples using a *(confidence interval)*.

append1000Items1End (lower is better)

append1000Items2End (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 **0 ms to 16 ms** based on 100 samples using a *(confidence interval)*.

append1000Items2End (lower is better)

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**.
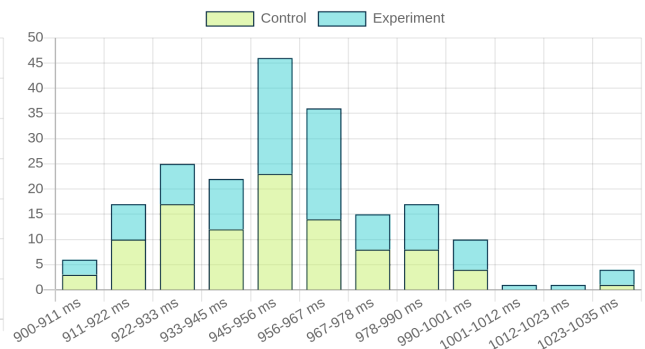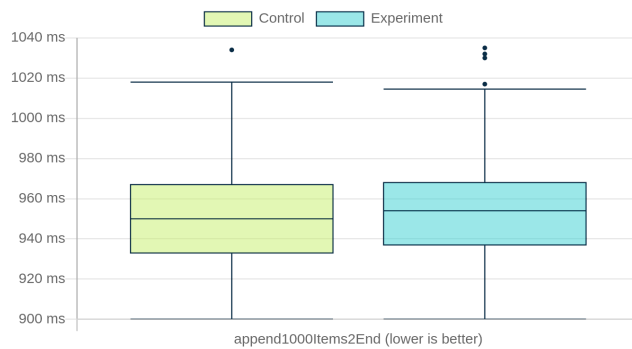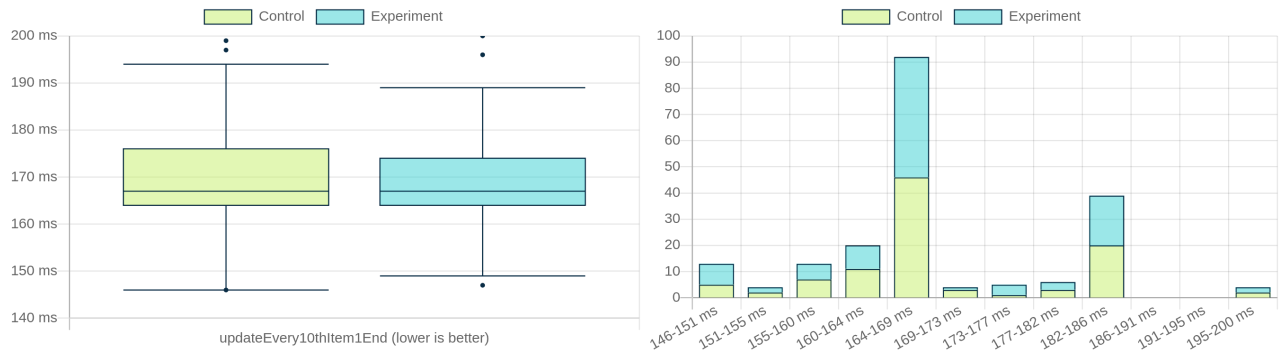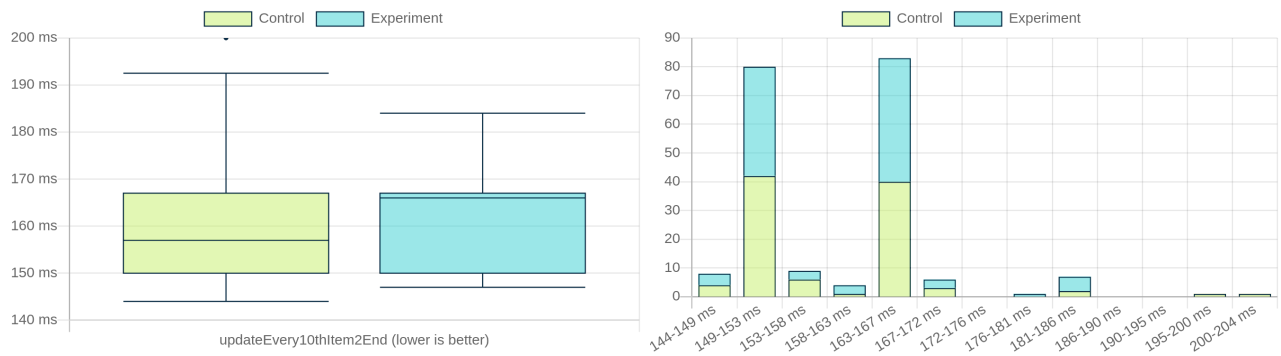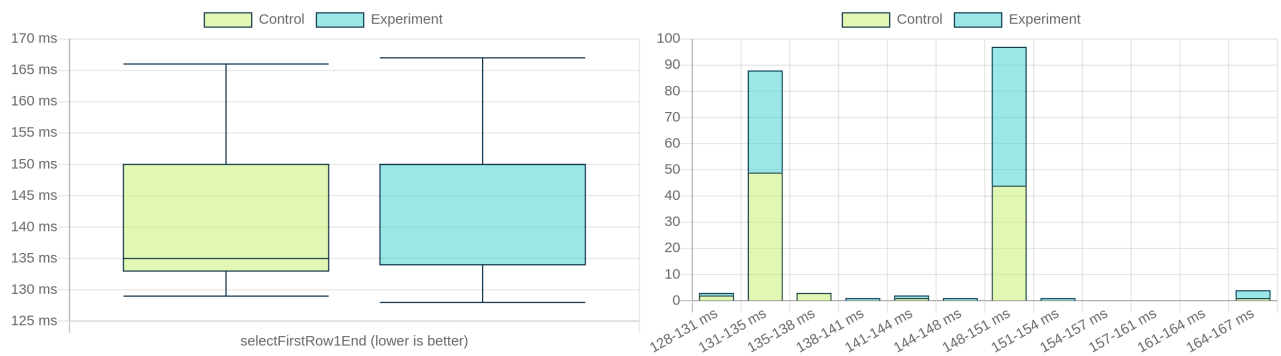

updateEvery10thItem2End (No/Borderline Difference)

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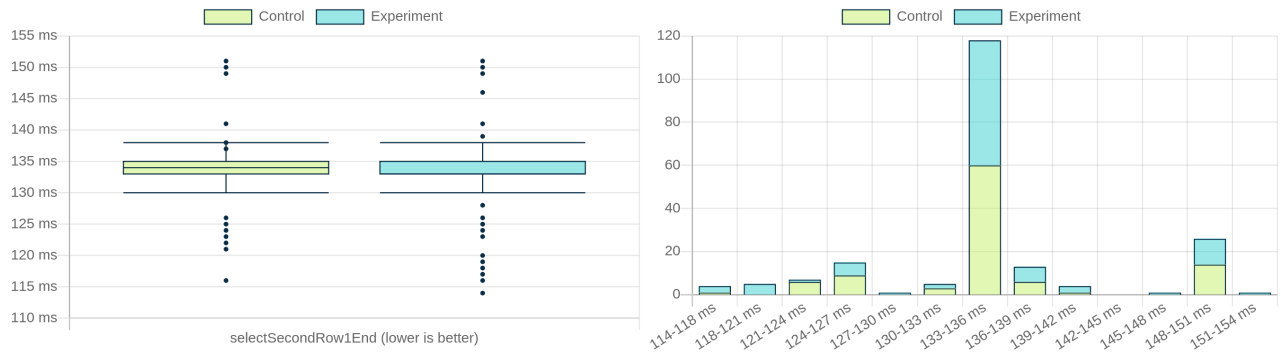

selectFirstRow1End (No/Borderline Difference)

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

selectSecondRow1End (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**.

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**.

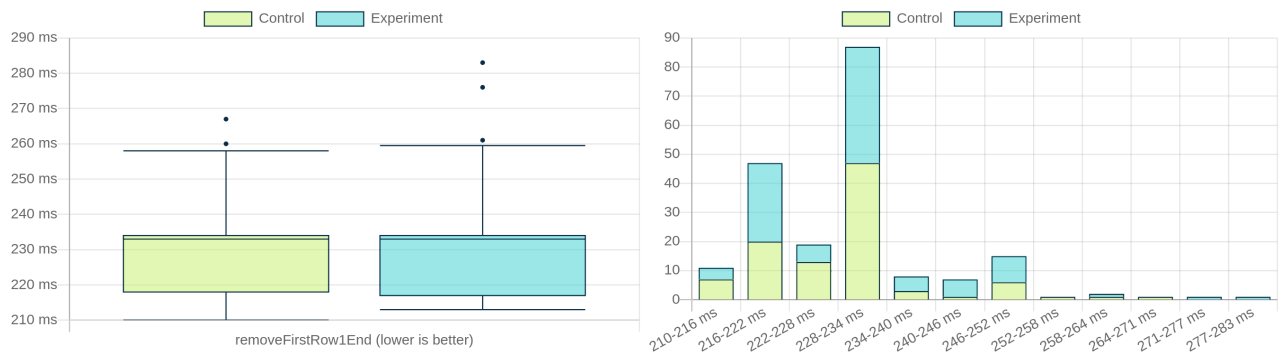## removeSecondRow1End (No/Borderline Difference)

Based on the P-value of this benchmark the evidence for a metric shift is **weak.** TracerBench has determined the results are **not significant**.
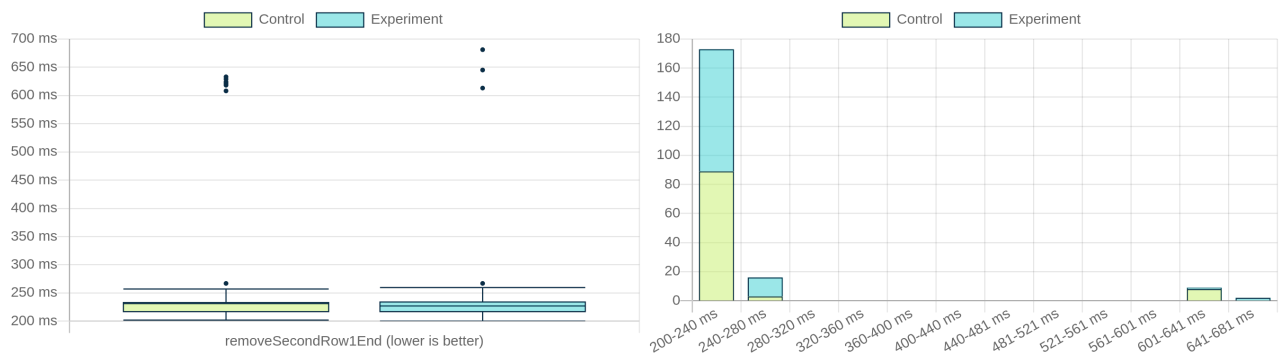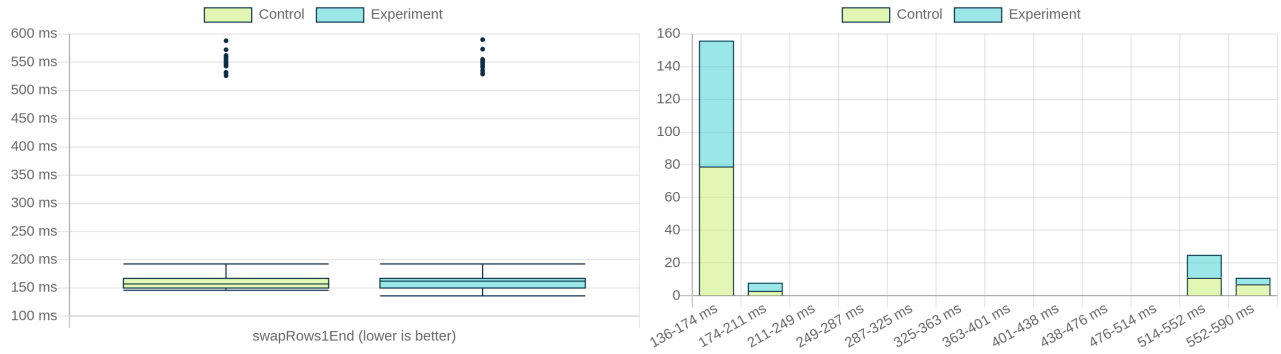
swapRows1End (No/Borderline Difference)

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

swapRows1End (lower is better)

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**.
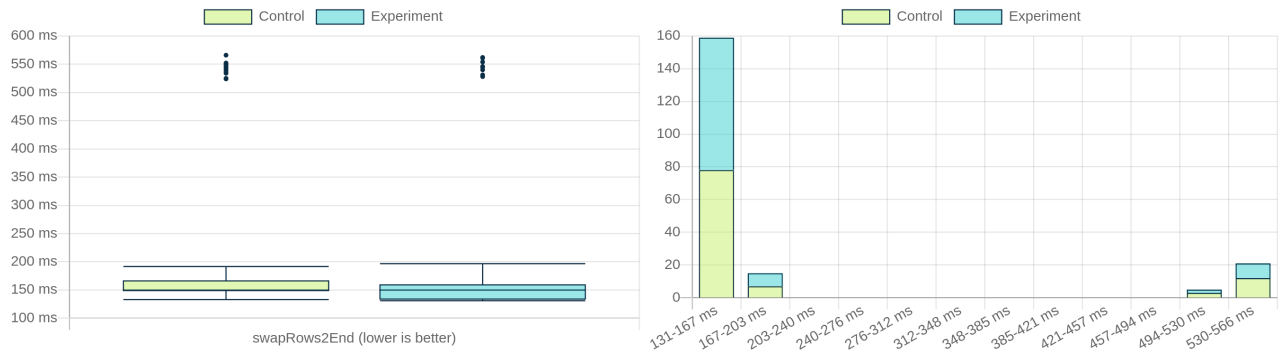

swapRows2End (lower is better)

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**.
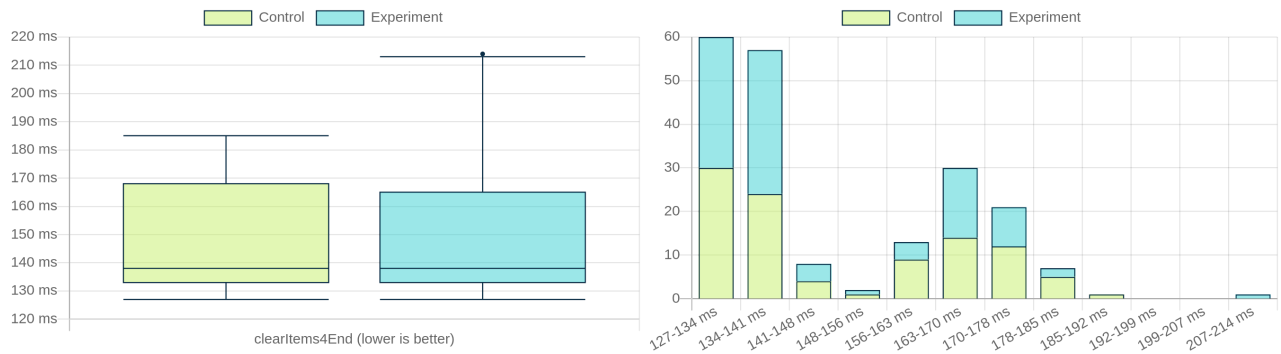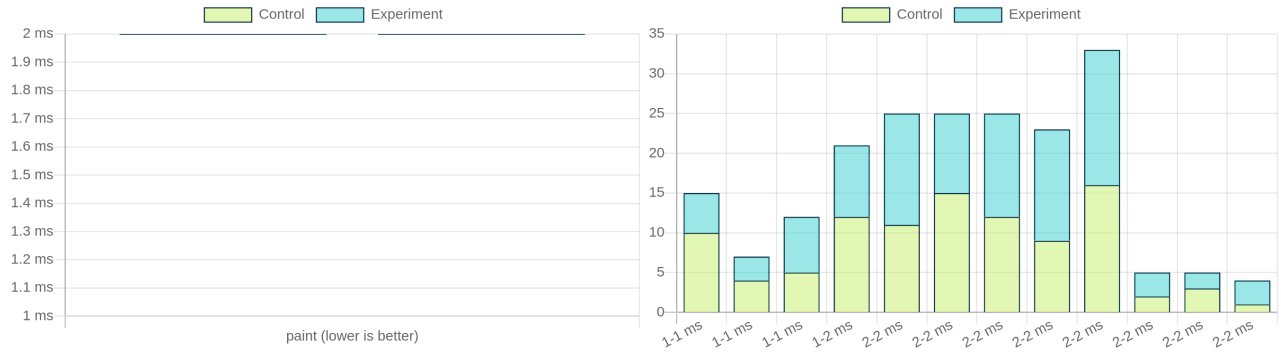

clearItems4End (lower is better)

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**.

paint (lower is better)

Resources

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

Configs Used

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