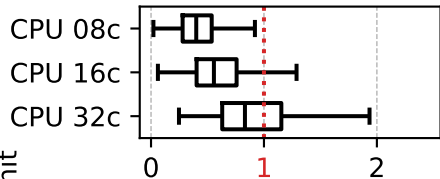
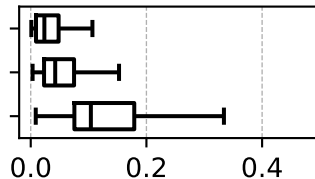


Compute Unit

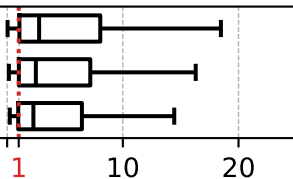
KMeans



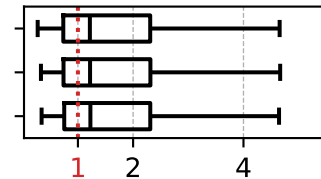
LMM T



Left multiply



Row summation T



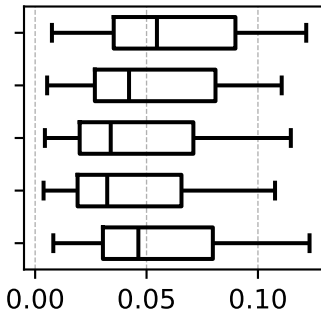
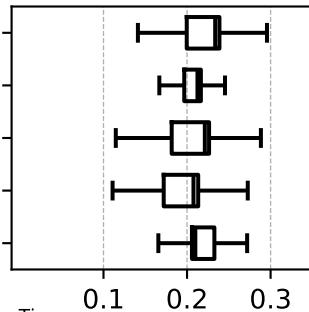
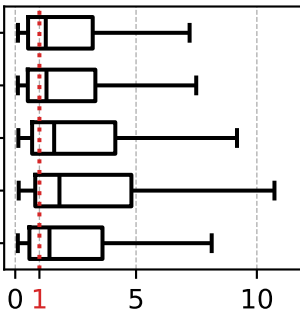
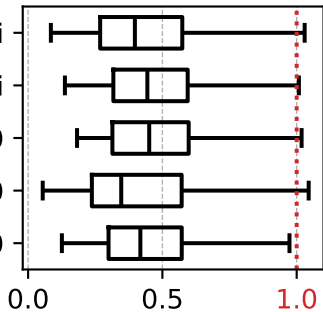
1080Ti

2080Ti

A40

P100

V100



Performance Ratio $\frac{\text{Time}_M}{\text{Time}_F}$