SmoothCache: A Universal Inference Acceleration Technique for Diffusion Transformers



Supplementary Material

Figure 9. L1 Relative Error Curves of different architecture components for DiT-XL. Curves are plotted with 95% confidence intervals and scaled to the same y-axis range.

6. Ablations Addendum: Number of Calibration Samples

As mentioned in Sec. 3.3, the calibration sample size chosen does not dramatically change the generated schedule. Increasing the number of samples only affects the range of the confidence interval for the error curves, but not the mean. Future methods that might leverage the uneven distribution of error curves between samples might need to take note of this observation.