

Thanks a lot for reaching out to the team. Love the initiative

On a personal note, I see a couple of points I do not understand:

1. How is Verkle Tree impacted by this change since Calldata is not stored in state?
2. You are assigning the raise in calldata to inscriptions and rollups when the rise happened before their launch and does not take into consideration the change triggered by 1559 that block max gas limit varies between 15m and 30m gas. It might be interesting to see if the computation heaviness of the blocks being reorged.
3. 4844 will come out soon and will dramatically reduce avg block size. If your assumptions of block size impacting propagation holds to be true, the analysis you provide could be reinforced or challenged. I would love to see an analysis post 4844 to understand if your claim on reorg holds.

For context, I worked on 2828, 4490 and participated in the initial discussions which led to 4488 and 4844.