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Dear Dr Stephan Toby,
We appreciate your continuous support to be the reviewer for our work. Please see below the following response to your comments and questions. Line numbers and figure numbers are based on the final pdf version of the manuscript.

1. **Concerning the debate of downstream controls on delta avulsion**
   We have added a new sentence in L343-345 to acknowledge that we do not systematically test the downstream control (e.g. SLR, backwater length) of delta avulsion in this study. We also highlighted that our work may only show empirical correlations of avulsion timescale-SLR (Fig. S5) and avulsion-backwater length (Fig. S6) that may support upstream control on delta avulsion hypothesis, consistent with the global empirical study by Colombera & Mountney, 2023 and the numerical model study by Ratliff et al., 2021. The abstract of our manuscript also implicitly states that we do not test the 'downstream influence' hypothesis. We hope that our explanation could clear up some confusion about downstream influence on avulsion timing and location.
2. **Model setup and location of the avulsion node**
   We appreciate your detailed comment and we apologies for writing a confusing sentence. We have revised our Methods to explain how we measure our avulsion length, based on your comment (L150-151). However, we believe it is useful for us to clarify that the expected **first** avulsion node should be at around 2.2 km from the inlet or 1.8 km from the expected shoreline (Fig. 1c) as stated in L127-129 and Table 2. The avulsion length throughout the simulation is then measured along the longest channel from the shoreline to the most upstream avulsion node every time avulsion occurs in our models (L150-151).
3. **Example of an avulsion**
   We have moved the previous Fig. 5 to be Fig. 3 in our revised version. We replaced this figure to show cumulative erosion/deposition maps rather than sediment thickness maps to better illustrate the avulsion process. We also edited text that accompanies this new figure. In summary, although avulsion is shown to be an incisive/erosive process, we show how in-channel deposition sets up this avulsion to happen, similar to what Ganti et al (2016) observed in their flume tank models.
4. **Changes to Figure 6**
   We corrected the calculation of analytical timescale from Table S1 in this figure.
5. **Changes to Figure 5**
   Figure 5 now has a, b, and c annotation

We would like to thank you for your time and effort spent on our work.
Best wishes,
Octria Adi Prasojo

14 February 2025