

Changes made

We have made several changes to our paper to accommodate the feedback from the NeurIPS 2025 reviews and to improve the clarity, readability, and quality of the paper. Among the changes we made are:

1. **Problem Formalization.** We revised the related works (Section 2) and problem formulation (Section 3) to clarify how our formulation (PRES) relates to previous formulations in sequence and graph modeling. We also highlight the differences between PRES and dynamic/temporal graph formulations, particularly in the setting described in the introduction, where the number of personal events is far larger than that of relational events.
2. **Baseline Models.** We added more recent baselines to our experiments. From the static graph models, we include Graph Transformer (TConv) [47], in addition to GCN and GAT. Similar to GCN and GAT, we run three versions of Graph Transformer under slightly different settings: TConv, TConv+S, and TConv_RP. From the temporal graph models, we added the Temporal Neural Common Neighbor (TNCN) [20] to our experiments.
3. **Comparison with Previous Benchmark Papers.** We expanded our survey of related works with an additional section in Appendix D. We also added a discussion on how our datasets relate to previous benchmark dataset papers in Appendix D.3, in particular the Temporal Graph Benchmark (TGB) by Huang et al. [24], which we consider closely related to our work.
4. **Dataset Processing Details.** We previously open-sourced the code for creating the PRES datasets in our [code repository](#) and provided a high-level description of the processing steps. In this revision, we expanded the description with more detail in Appendix C, which provides additional context and clarity on our data processing stages.
5. **More Analysis on the Results.** We added further discussion of the experimental results in Appendix F. In particular, we examine possible reasons why the strategy of converting personal events into nodes and connecting them to user nodes is suboptimal.
6. **Metadata/Documentation Update in Our Kaggle Dataset.** We updated the metadata and descriptions in our Kaggle datasets so that every CSV file includes attached metadata. This is in addition to the dataset description we previously provided, which specifies that all files in the datasets follow the same conventions described in Section 4.