Final project peer review at STDS course

Project name: FOTIC: Fourier Transform on Continuous-time Convolutions Model of event sequences

Project author: Maria Ivanova

Reviewer: Petr Mokrov

I Clarity, format and styling

The report under review is clearly written. All necessary parts (Introduction, Related Works, Preliminaries, Experiments) are presented. Probably, it is better to add one more explicit section which describes the proposed approach. Both format and styling are ok

One minor comment regarding the events sequence notations used in the report. The notation for event types, like $_{ij}$, $_k$ seems slightly misleading for me. Probably, it is better to denote event types with explicit variable like e_{ij}, or $e_{ij}^{t_{ij}}$ (if we mean specific time moment t_{ij}). The same problem is arising with event sequence functional form reformulation (Eq. (5)) and continuous convolution definition (Eq. (6)). Probably, it is just a misprint (due to latex issues), and should be fixed in the final revision.

II   Reproducibility

The code https://github.com/ipmaria/COTIC looks pretty good, and provides not only an instruction for reproduction of the experiments, but additional image illustrations which describes the COTIC (and, respectively, newly proposed FOTIC) approaches. The author demonstrates the experience in using advanced frameworks for launching and maintenance of the experiments. Frankly speaking, I didn't launch the code provided by myself, but I have no doubts its reproducibility.