

Review Report

Paper: [DM305] "Exploiting High-order Relations Information for Learning User Intent with Data-driven"

Reviewer: Tim Oates

Co-reviewer: First Name: Last Name:

SECTION 1 : Comments to be Released to Author(s)

*1: Is the paper relevant to ICDM?

☒ No

☐ Yes

Relevance to the area(s):

- ☐ 1. Foundations, algorithms, models and theory of data mining, including big data mining
- ☐ 2. Deep learning and statistical methods for data mining
- ☐ 3. Mining from heterogeneous data sources, including text, semi-structured, spatio-temporal, streaming, graph, web, and multimedia data
- ☐ 4. Data mining systems and platforms, and their efficiency, scalability, security and privacy
- ☐ 5. Data mining for modelling, visualization, personalization, and recommendation.
- ☐ 6. Data mining for cyber-physical systems and complex, time-evolving networks
- ☐ 7. Applications of data mining in social sciences, physical sciences, engineering, life sciences, web, marketing, finance, precision medicine, health informatics, and other domains
- ☐ 8. Other Topics

*2: How innovative is the paper?

☐ 6 (Very innovative)

☐ 3 (Innovative)

☐ -2 (Marginally)

☐ -4 (Not very much)

☐ -6 (Not at all)

*3: How would you rate the technical quality of the paper?

☐ 6 (Very high)

☐ 3 (High)

☐ -2 (Marginal)

☐ -4 (Low)

☐ -6 (Very low)

*4: How is the presentation?

☐ 6 (Excellent)

☐ 3 (Good)

☐ -2 (Marginal)

☐ -4 (Below average)

☐ -6 (Poor)

*5: Is the paper of interest to ICDM users and practitioners?

☐ 3 (Yes)

☐ 2 (May be)

- ☐ 1 (No)
☐ 0 (Not applicable)

*6: What is your confidence in your review of this paper?

- ☐ 2 (High)
☐ 1 (Medium)
☐ 0 (Low)

*7: Overall recommendation

- ☐ 6: must accept (in top 25% of ICDM accepted papers)
☐ 3: should accept (in top 80% of ICDM accepted papers)
☐ -2: marginal (in bottom 20% of ICDM accepted papers)
☐ -4: should reject (below acceptance bar)
☐ -6: must reject (unacceptable: too weak, incomplete, or wrong)

*8: Summary of the paper's main contribution and impact

Please enter English only.

*9: Justification of your recommendation

Please enter English only.

*10: Three strong points of this paper (please number each point)

Please enter English only.

*11: Three weak points of this paper (please number each point)

Please enter English only.

*12: Is this submission among the best 10% of submissions that you reviewed for ICDM'22?

- ☐ Yes; ☒ No

*13: Are the datasets used in the study correctly identified and referenced?

- ☐ 3 Yes
☐ 2 Partial
☐ 1 No
☐ 0 Not applicable

*14: Are the competing methods used in the study correctly identified and referenced?

- ☐ 3 Yes
☐ 2 Partial
☐ 1 No
☐ 0 Not applicable

*15: Is the source code for the proposed method made publicly available?

- ☐ 3 Yes
☐ 2 Partial
☐ 1 No
☐ 0 Not applicable

*16: Is the experimental design detailed enough to allow for reproducibility? (You can also include comments on reproducibility in the body of your review.)

- ☐ 3 Yes
☐ 2 Partial
☐ 1 No
☐ 0 Not applicable

*17: If the paper is accepted, which format would you suggest?

- ☐ Regular Paper
☐ Short Paper

*18: Detailed comments for the authors

(Use as much space as you want).

(Review without informative comments will be disregarded)

Please enter English only.

SECTION 2 : Comments to be Withheld from Author(s)

This section is for PC Chairs and the Area Chair, and will not be forwarded to the authors.

Please enter English only.

Confidential comments

Please enter English only.

*Is the paper recommended for the best paper award ?

- ☐ Yes; ☒ No

*Is the paper recommended for journal special issue publications ?

- ☐ Yes; ☒ No

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