

A Complete Bibliography of *ACM Transactions on Recommender Systems*

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254

FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,

beebe@computer.org (Internet)

WWW URL: <https://www.math.utah.edu/~beebe/>

30 April 2024

Version 1.03

Title word cross-reference

Conversational [22]. **Correctness** [24].
CRS [22]. **CRS-Que** [22]. **Cultural** [30].

Data [14]. **Debiased** [5]. **Decision** [4].
Decision-Making [4]. **Deconfounded** [17].
Directions [3]. **Distributionally** [26].
Distributionally-Informed [26].
Diversity [23].

Editorial [1]. **Effect** [25]. **Efficient** [19].
Estimating [7]. **Evaluating** [7].
Evaluation
[28, 31, 21, 25, 26, 22, 27, 29, 18].
Examining [18]. **Experience** [2].
Explicitly [8]. **Exploring** [31].

Factorization [19]. **Fairness** [15]. **Feature**
[19]. **Features** [8]. **Filter** [6]. **Filtering**

ACM [1]. **Aggregator** [8]. **Algorithm** [6].
Algorithms [24]. **armed** [2]. **Assessing**
[23]. **Auditing** [6]. **Augmented** [16].

Bandits [2]. **Based** [29, 8]. **Bias** [25].
Bottleneck [5]. **Bubbles** [6].

Carousel [29]. **Causal** [17]. **centric** [22].
Challenges [3]. **Choices** [18]. **Citizenship**
[30]. **Cold** [2]. **Cold-start** [2].
Collaborative [17, 9]. **Commonality** [30].
Completion [15]. **Consistency** [15].
Content [30]. **Context** [18].

n [7].

- [17, 9]. **First** [2]. **Framework** [28, 22, 24, 9]. **GCN** [8]. **Graph** [3, 16]. **Graphs** [19]. **Grocery** [10]. **Group** [28]. **Guarantees** [15]. **Guide** [2].
- Healthy** [18]. **Heterogeneous** [16]. **Hierarchical** [20].
- Impact** [23]. **Inaugural** [1]. **Information** [5]. **Informed** [26]. **Intent** [13]. **Intent-Satisfaction** [13]. **Interaction** [14]. **Interfaces** [29, 18]. **Introduction** [21]. **Issue** [21, 1]. **Item** [10, 27]. **Item-Sampling** [27].
- KGFlex** [19]. **Knowledge** [19].
- Landscape** [31]. **layer** [28]. **Learning** [11, 20, 5, 16]. **List** [18]. **Listeners** [23]. **Longitudinal** [23].
- Making** [4]. **Measuring** [30]. **Methods** [3]. **Misinformation** [6]. **Modeling** [13]. **Multi** [28, 2, 18, 12]. **Multi-armed** [2]. **Multi-layer** [28]. **Multi-List** [18]. **Multi-organization** [12]. **Music** [13, 23].
- Network** [16]. **Networks** [3]. **Neural** [3, 16]. **Next** [10, 20].
- organization** [12].
- Performance** [28]. **Period** [10]. **Personalization** [14]. **Perspectives** [31, 21]. **Pessimistic** [4]. **POI** [20]. **Popularity** [25, 8]. **Practices** [31]. **Predictions** [7]. **Problem** [2]. **Provable** [15]. **Purchase** [10].
- Que** [22].
- Rating** [7]. **Recipe** [18]. **Recommendation** [11, 25, 19, 30, 8, 10, 20, 5, 24, 23, 6, 12, 16]. **Recommendations** [7, 2]. **Recommender** [28, 31, 21, 1, 7, 26, 3, 4, 22, 27, 15, 29, 18]. **Reducing** [14]. **Reinforcement** [11]. **Relations** [20]. **Representation** [5]. **Reproducibility** [11]. **Reproducing** [25]. **Reverse** [10].
- Sampling** [27]. **Satisfaction** [13]. **Self** [9]. **Self-supervised** [9]. **SelfCF** [9]. **Shopping** [10]. **Simple** [9]. **Simulation** [29]. **Simulation-Based** [29]. **Social** [16]. **Sparse** [19]. **Spatial** [20]. **Special** [21]. **start** [2]. **Strategies** [25]. **Streaming** [13]. **Strengthen** [30]. **Study** [11, 23]. **supervised** [9]. **Survey** [3]. **System** [26, 27]. **Systematic** [11]. **Systems** [28, 31, 21, 11, 7, 3, 4, 22, 15, 29, 1].
- Targeted** [12]. **Tasks** [20]. **Temporal** [8]. **Tensor** [15]. **Testing** [24]. **Toolkit** [24]. **Top** [7]. **Top-** [7]. **Training** [12]. **Transactions** [1].
- Uncertainty** [7]. **User** [22, 14, 2, 18]. **User-centric** [22].
- Validation** [28]. **via** [5]. **Video** [13]. **Visiting** [20].
- Weighted** [8]. **Who** [10]. **Will** [10].
- YouTube** [6].

References

Chen:2023:ATR

- [1] Li Chen and Dietmar Jannach. *ACM Transactions on Recommender Systems: Inaugural issue editorial. ACM Transactions on Recommender Systems (TORS)*, 1(1):1:1–1:??, March 2023. ISSN 2770-

6699. URL <https://dl.acm.org/doi/10.1145/3569454>.

Silva:2023:UCS

- [2] Nicollas Silva, Thiago Silva, Heitor Werneck, Leonardo Rocha, and Adriano Pereira. User cold-start problem in multi-armed bandits: When the first recommendations guide the user’s experience. *ACM Transactions on Recommender Systems (TORS)*, 1(1):2:1–2:??, March 2023. ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3554819>.

Gao:2023:SGN

- [3] Chen Gao, Yu Zheng, Nian Li, Yin-feng Li, Yingrong Qin, Jinghua Piao, Yuhan Quan, Jianxin Chang, Depeng Jin, Xiangnan He, and Yong Li. A survey of graph neural networks for recommender systems: Challenges, methods, and directions. *ACM Transactions on Recommender Systems (TORS)*, 1(1):3:1–3:??, March 2023. ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3568022>.

Jeunen:2023:PDM

- [4] Olivier Jeunen and Bart Goethals. Pessimistic decision-making for recommender systems. *ACM Transactions on Recommender Systems (TORS)*, 1(1):4:1–4:??, March 2023. ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3568029>.

Liu:2023:DRL

- [5] Dugang Liu, Pengxiang Cheng, Hong Zhu, Zhenhua Dong, Xiuqiang He, Wei-ke Pan, and Zhong Ming. Debaised representation learning in recommendation via information bottleneck. *ACM Transactions on Recommender Systems (TORS)*,

1(1):5:1–5:??, March 2023. ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3568030>.

Srba:2023:AYR

- [6] Ivan Srba, Robert Moro, Matus Tomlein, Branislav Pecher, Jakub Simko, Elena Stefancova, Michal Kompan, Andrea Hrkova, Juraj Podrouzek, Adrian Gavornik, and Maria Bielikova. Auditing YouTube’s recommendation algorithm for misinformation filter bubbles. *ACM Transactions on Recommender Systems (TORS)*, 1(1):6:1–6:??, March 2023. ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3568392>.

Coscrato:2023:EEU

- [7] Victor Coscrato and Derek Bridge. Estimating and evaluating the uncertainty of rating predictions and top- n recommendations in recommender systems. *ACM Transactions on Recommender Systems (TORS)*, 1(2):7:1–7:??, June 2023. ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3584021>.

Li:2023:EWG

- [8] Xueqi Li, Guoqing Xiao, Yuedan Chen, Zhuo Tang, Wenjun Jiang, and Kenli Li. An explicitly weighted GCN aggregator based on temporal and popularity features for recommendation. *ACM Transactions on Recommender Systems (TORS)*, 1(2):8:1–8:??, June 2023. ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3587272>.

Zhou:2023:SSF

- [9] Xin Zhou, Aixin Sun, Yong Liu, Jie Zhang, and Chunyan Miao. SelfCF: a simple framework for self-supervised collaborative filtering. *ACM Transactions on Recommender Systems (TORS)*,

1(2):9:1–9:??, June 2023. ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3591469>.

Li:2023:WWP

- [10] Ming Li, Mozhdeh Ariannezhad, Andrew Yates, and Maarten De Rijke. Who will purchase this item next? Reverse next period recommendation in grocery shopping. *ACM Transactions on Recommender Systems (TORS)*, 1(2):10:1–10:??, June 2023. ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3595384>.

Cavenaghi:2023:SSR

- [11] Emanuele Cavenaghi, Gabriele Sottocornola, Fabio Stella, and Markus Zanker. A systematic study on reproducibility of reinforcement learning in recommendation systems. *ACM Transactions on Recommender Systems (TORS)*, 1(3):11:1–11:??, September 2023. ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3596519>.

Tomlinson:2023:TTM

- [12] Kiran Tomlinson, Mengting Wan, Cao Lu, Brent Hecht, Jaime Teevan, and Longqi Yang. Targeted training for multi-organization recommendation. *ACM Transactions on Recommender Systems (TORS)*, 1(3):12:1–12:??, September 2023. ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3603508>.

Benedict:2023:ISM

- [13] Gabriel Bénédict, Daan Odijk, and Maarten de Rijke. Intent-satisfaction modeling: From music to video streaming. *ACM Transactions on Recommender Systems (TORS)*, 1(3):13:1–13:??, September 2023. ISSN 2770-

6699. URL <https://dl.acm.org/doi/10.1145/3606375>.

Rendle:2023:RUI

- [14] Steffen Rendle and Li Zhang. On reducing user interaction data for personalization. *ACM Transactions on Recommender Systems (TORS)*, 1(3):14:1–14:??, September 2023. ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3600097>.

Nguyen:2023:TCP

- [15] Tung Nguyen and Jeffrey Uhlmann. Tensor completion with provable consistency and fairness guarantees for recommender systems. *ACM Transactions on Recommender Systems (TORS)*, 1(3):15:1–15:??, September 2023. ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3604649>.

Zhang:2023:GLA

- [16] Yiming Zhang, Lingfei Wu, Qi Shen, Yitong Pang, Zhihua Wei, Fangli Xu, Ethan Chang, and Bo Long. Graph learning augmented heterogeneous graph neural network for social recommendation. *ACM Transactions on Recommender Systems (TORS)*, 1(4):16:1–16:??, December 2023. CODEN ???? ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3610407>.

Xu:2023:DCC

- [17] Shuyuan Xu, Juntao Tan, Shelby Heinicke, Vena Jia Li, and Yongfeng Zhang. Deconfounded causal collaborative filtering. *ACM Transactions on Recommender Systems (TORS)*, 1(4):17:1–17:??, December 2023. CODEN ???? ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3606035>.

Starke:2023:EUE

- [18] Alain D. Starke, Edis Asotic, Christoph Trattner, and Ellen J. Van Loo. Examining the user evaluation of multi-list recommender interfaces in the context of healthy recipe choices. *ACM Transactions on Recommender Systems (TORS)*, 1(4):18:1–18:??, December 2023. CODEN ???? ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3581930>.

Ferrara:2023:KER

- [19] Antonio Ferrara, Vito Walter Anelli, Alberto Carlo Maria Mancino, Tommaso Di Noia, and Eugenio Di Sciascio. KGFlex: Efficient recommendation with sparse feature factorization and knowledge graphs. *ACM Transactions on Recommender Systems (TORS)*, 1(4):19:1–19:??, December 2023. CODEN ???? ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3588901>.

Lim:2023:LHS

- [20] Nicholas Lim, Bryan Hooi, See-Kiong Ng, Yong Liang Goh, Renrong Weng, and Rui Tan. Learning hierarchical spatial tasks with visiting relations for next POI recommendation. *ACM Transactions on Recommender Systems (TORS)*, 1(4):20:1–20:??, December 2023. CODEN ???? ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3610584>.

Bauer:2024:ISI

- [21] Christine Bauer, Alan Said, and Eva Zangerle. Introduction to the special issue on perspectives on recommender systems evaluation. *ACM Transactions on Recommender Systems (TORS)*, 2(1):1:1–1:??, March 2024. CODEN ???? ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3648398>.

Jin:2024:CQU

- [22] Yucheng Jin, Li Chen, Wanling Cai, and Xianglin Zhao. CRS-Que: a user-centric evaluation framework for conversational recommender systems. *ACM Transactions on Recommender Systems (TORS)*, 2(1):2:1–2:??, March 2024. CODEN ???? ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3631534>.

Porcaro:2024:AIM

- [23] Lorenzo Porcaro, Emilia Gómez, and Carlos Castillo. Assessing the impact of music recommendation diversity on listeners: a longitudinal study. *ACM Transactions on Recommender Systems (TORS)*, 2(1):3:1–3:??, March 2024. CODEN ???? ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3608487>.

Michiels:2024:FTT

- [24] Lien Michiels, Robin Verachtert, Andres Ferraro, Kim Falk, and Bart Goethals. A framework and toolkit for testing the correctness of recommendation algorithms. *ACM Transactions on Recommender Systems (TORS)*, 2(1):4:1–4:??, March 2024. CODEN ???? ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3591109>.

Daniil:2024:RPB

- [25] Savvina Daniil, Mirjam Cuper, Cynthia C. S. Liem, Jacco van Ossenberg, and Laura Hollink. Reproducing popularity bias in recommendation: The effect of evaluation strategies. *ACM Transactions on Recommender Systems (TORS)*, 2(1):5:1–5:??, March 2024. CODEN ???? ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3637066>.

Ekstrand:2024:DIR

- [26] Michael D. Ekstrand, Ben Carterette, and Fernando Diaz. Distributionally-informed recommender system evaluation. *ACM Transactions on Recommender Systems (TORS)*, 2(1):6:1–6:??, March 2024. CODEN ???? ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3613455>.

Li:2024:ISE

- [27] Dong Li, Ruoming Jin, Zhenming Liu, Bin Ren, Jing Gao, and Zhi Liu. On item-sampling evaluation for recommender system. *ACM Transactions on Recommender Systems (TORS)*, 2(1):7:1–7:??, March 2024. CODEN ???? ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3629171>.

AlJurdi:2024:GVR

- [28] Wissam Al Jurdi, Jacques Bou Abdo, Jacques Demerjian, and Abdallah Makhoul. Group validation in recommender systems: Framework for multi-layer performance evaluation. *ACM Transactions on Recommender Systems (TORS)*, 2(1):8:1–8:??, March 2024. CODEN ???? ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3640820>.

Rahdari:2024:TSB

- [29] Behnam Rahdari, Peter Brusilovsky, and Branislav Kveton. Towards simulation-based evaluation of recommender systems with carousel interfaces. *ACM Transactions on Recommender Systems (TORS)*, 2(1):9:1–9:??, March 2024. CODEN ???? ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3643709>.

Ferraro:2024:MCR

- [30] Andres Ferraro, Gustavo Ferreira, Fernando Diaz, and Georgina Born. Measuring commonality in recommendation of cultural content to strengthen cultural citizenship. *ACM Transactions on Recommender Systems (TORS)*, 2(1):10:1–10:??, March 2024. CODEN ???? ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3643138>.

Bauer:2024:ELR

- [31] Christine Bauer, Eva Zangerle, and Alan Said. Exploring the landscape of recommender systems evaluation: Practices and perspectives. *ACM Transactions on Recommender Systems (TORS)*, 2(1):11:1–11:??, March 2024. CODEN ???? ISSN 2770-6699. URL <https://dl.acm.org/doi/10.1145/3629170>.