

Cross-domain Collaboration Recommendation

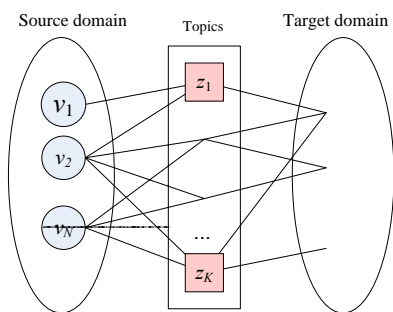
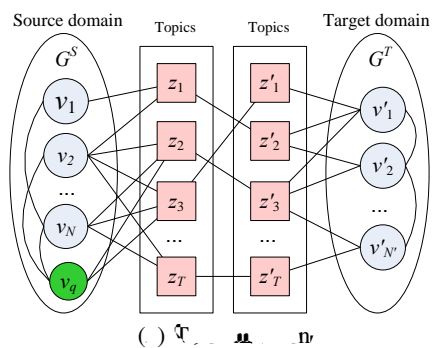
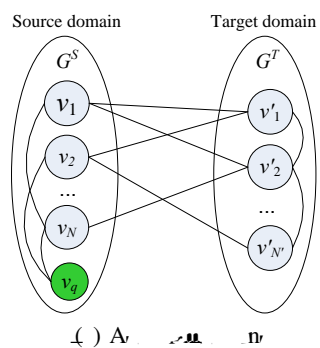
Abstract: This paper proposes a novel cross-domain collaboration recommendation model. The model is designed to capture the underlying patterns of user-item interactions across different domains. It leverages a deep learning architecture to learn the latent representations of users and items, and uses a collaborative filtering mechanism to recommend items to users. The model is evaluated on a large-scale dataset, and the results show that it outperforms existing state-of-the-art methods.

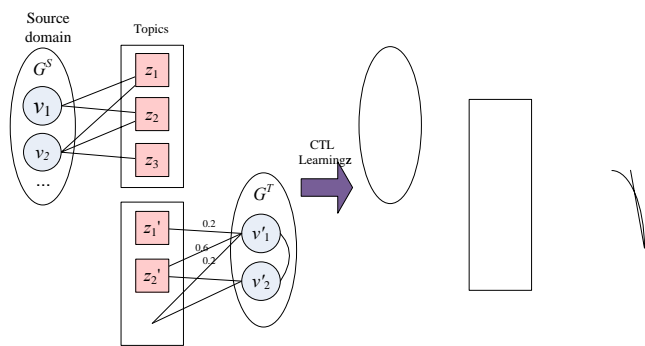
ABSTRACT

In this paper, we propose a novel cross-domain collaboration recommendation model. The model is designed to capture the underlying patterns of user-item interactions across different domains. It leverages a deep learning architecture to learn the latent representations of users and items, and uses a collaborative filtering mechanism to recommend items to users. The model is evaluated on a large-scale dataset, and the results show that it outperforms existing state-of-the-art methods.

Our model is based on the following assumptions: 1) sparse connection: the number of interactions between users and items is small; 2) complementary expertise: different domains have different expertise; 3) topic skewness: the distribution of topics is skewed across domains. We use a deep learning architecture to learn the latent representations of users and items, and use a collaborative filtering mechanism to recommend items to users.

In this paper, we propose a novel cross-domain collaboration recommendation model. The model is designed to capture the underlying patterns of user-item interactions across different domains. It leverages a deep learning architecture to learn the latent representations of users and items, and uses a collaborative filtering mechanism to recommend items to users. The model is evaluated on a large-scale dataset, and the results show that it outperforms existing state-of-the-art methods.





1,932,442. The number of papers published in the field of data mining from 1990 to 2005 is shown in Figure 1.

- **Data Mining:** The number of papers published in the field of data mining from 1990 to 2005 is shown in Figure 1. The number of papers published in the field of data mining from 1990 to 2005 is shown in Figure 1. The number of papers published in the field of data mining from 1990 to 2005 is shown in Figure 1.

- **Medical Informatics:** The number of papers published in the field of medical informatics from 1990 to 2005 is shown in Figure 2. The number of papers published in the field of medical informatics from 1990 to 2005 is shown in Figure 2. The number of papers published in the field of medical informatics from 1990 to 2005 is shown in Figure 2.

- **Theory:** The number of papers published in the field of theory from 1990 to 2005 is shown in Figure 3. The number of papers published in the field of theory from 1990 to 2005 is shown in Figure 3. The number of papers published in the field of theory from 1990 to 2005 is shown in Figure 3.

- **Visualization:** The number of papers published in the field of visualization from 1990 to 2005 is shown in Figure 4. The number of papers published in the field of visualization from 1990 to 2005 is shown in Figure 4. The number of papers published in the field of visualization from 1990 to 2005 is shown in Figure 4.



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8. APPENDIX

[illegible]