

Survey on Recommender Systems

PartI: Background Information (same privacy agreement)

Please give us some information about your background.

1. Please choose your gender:

☐ Male ☐ Female

2. Please select your age group:

☐ -20 ☐ 21 - 30 ☐ 31 - 40 ☐ 41 - 50 ☐ 51 - 60 ☐ 61 -

3. Please fill in your nationality:

4. Which country do you reside in?

5. How long have you stayed in your residence country?

6. Please fill in your profession:

7. Please select your education level:

☐ Primary School ☐ High School ☐ College ☐ Graduate School

8. How would you rate yourself as a computer user?

☐ No experience ☐ Beginner ☐ Average ☐ Advanced

9. How frequently have you used the Internet?

☐ Never

☐ Very infrequently (just a few times overall)

☐ Infrequently (a few times a month)

☐ Moderately (1-3 times a week)

☐ Regularly (daily/almost daily)

10. Please list the recommender sites that you have used and frequency of usages.

11. Do you tend to trust a person/thing, even though you have little knowledge of it?

☐ Very probably not

☐ Probably not

☐ Probably

☐ Very Probably

☐ Definitely

12. Please fill in your email address if you want to be eligible for the prizes and receive information about the outcome of the survey.

PartIII: Questionnaire

Please fill in the questionnaire. All questions are required except specification.

1. Quality of Recommended Items

1.1 Accuracy

1.1.1 The items recommended to me matched my interests.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

1.1.2 This recommender system gave me good suggestions.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

1.2 Relative Accuracy

1.2.1 The recommendations I received better fits my interests than what I may receive from a friend.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

1.3 Familiarity

1.3.1 Some of the recommended items are familiar to me.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

1.4 Attractiveness

1.4.1 The items recommended to me are attractive.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

1.5 Novelty

1.5.1 The items recommended to me are novel.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

1.5.2 This recommender system helped me discover new products.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

1.6 Diversity

1.6.1 The items recommended to me are diverse.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

1.6.2 The items recommended to me are similar to each other.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

1.7 Context Compatibility

1.7.1 I was only provided with general recommendations (e.g., top rated products), which are the same for anyone.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

1.7.2 The recommendations are not outdated.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

2. Interaction Adequacy

2.1 This recommender system allows me to tell what I like/dislike.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

2.2 This recommender system allows me to modify my taste profile.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

2.3 This recommender system explains why the products are recommended to me.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

3. Interface Adequacy

3.1 The information provided for the recommended items is sufficient for me to make a purchase/download decision.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

3.2 The labels of this recommender system interface are clear.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

3.3 The labels of this recommender system interface are adequate.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

3.4 The layout of this recommender system interface is attractive.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

3.5 The layout of this recommender system interface is adequate.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

4. Perceived Ease of Use

4.1 Ease of Preference Elicitation and Revision

4.1.1 I found it easy to tell this recommender system what I like/dislike.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

4.1.2 I found it easy to modify my taste profile in this recommender system.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

4.1.3 I found it easy to make this recommender system recommend new items to me.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

4.1.4 I found it easy to inform the system if I dislike/like the recommended item.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

4.2 Ease of Initial Learning

4.2.1 I became familiar with this recommender system very quickly.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

4.2.2 I easily found the recommended items.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

5. Perceived Usefulness

5.1 This recommender system helped me find the ideal item.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

5.2 This recommender system influenced my selection of items.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

5.3 Using this recommender system to find what I like is easy.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

5.4 Finding an item to buy/download with the help of this recommender system is easy.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

6. Control/Transparency

6.1 I feel in control of telling this recommender system what I want.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

6.2 I feel in control of modifying my taste profile.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

6.3 I understood why the items were recommended to me.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

6.4 This system's recommender system seems to control my decision process rather than me.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

7. Attitudes

7.1 Overall, I am satisfied with this recommender system.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

7.2 I am convinced of the items recommended to me.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

7.3 I am confident I will like the items recommended to me.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

7.4 This recommender system made me more confident about my selection/decision.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

7.5 The recommended items made me confused about my choice.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

7.6 This recommender system can be trusted.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

8. Behavioral Intentions

8.1 Intention to Use the System

8.1.1 I will use this recommender to find items to buy/download.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

8.2 Continuance and Frequency

8.2.1 I will use this recommender again.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

8.2.2 I will use this recommender frequently.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

8.2.3 I will use this recommender rather than other recommenders.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

8.3 Recommendation to Friends

8.3.1 I will tell my friends about this recommender.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable

8.4 Purchase Intention

8.4.1 I would buy the items recommended, given the opportunity.

☐ Strongly Agree ☐ Agree ☐ Neither agree nor disagree ☐ Disagree ☐ Strongly Disagree ☐ Not Applicable