

Errata for Signals in the Silence: Models of Implicit Feedback in a Recommendation System for Crowdsourcing

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- In the second paragraph of the proof on page 3, we define $A_{il} = \sum_i d_{il}$. However, it should be defined as $A_{il} = \sum_i g(d_{il})$.
- In the proof, we note that W^i is an $m \times m$ matrix and W^j is an $n \times n$ matrix, but the opposite is correct. W^i is $n \times n$ and W^j is $m \times m$.
- In Metrics and Methodology, we define $MPR = \frac{\sum_{ij} c_{ij} \rho_{ij}}{c_{ij}}$ but the correct definition is $MPR = \frac{\sum_{ij} c_{ij} \rho_{ij}}{\sum_{ij} c_{ij}}$
- In Baselines, similarity should be defined as $s_{j_1, j_2} = \frac{c_{j_1}^T c_{j_2}}{\|c_{j_1}\| \|c_{j_2}\|}$ where c_j is the vector describing the number of times each user has completed task j . Then, the prediction for user i and task j is computed as $\hat{r}_{ij} = \sum_l s_{jl} c_{il}$.