

## Summary of Changes

- **From the meta review:**

- **Was the comparison of *GraphTiles* and IMDb unfair?** No. Given the results of our diary study, we know that imprecise search is a use case worth supporting. With improvements to our *GraphTiles* Interface section (below), we described how we attempted to support imprecise search. With our experiment, we sought to confirm that that support succeeded. We added a motivating paragraph at the beginning of the Experiment section explaining this, and noting that we were fully aware that *GraphTiles* was indeed a specialized interface that we expected to offer better support for imprecise search than a more general interface such as IMDb.
- **What might explain our experimental results?** We added a new discussion subsection our Experiment section, in which we addressed this question. Inspired by reviewer 1's analysis and reviewer 2's discussion of faceted search, we point out that *GraphTiles* allowed imprecise search to be performed with fewer user actions. We also suggest that *GraphTiles* has several visual advantages, including effective overview, less reliance on text, and less clutter.
- **Generalizability of the *GraphTiles* interface:**  
In the 'Conclusion and Future Work' section, we further discuss how *GraphTiles* can be extended to textual data by either showing brief text snippets in the interface that can be expanded to longer descriptions (e.g. recipes), or using summary thumbnails from past research. While It remains to be seen how effective this would be, a navigable structure is a necessity. It may be possible to use the links in a page or search engine results to provide this structure.
- **Better connection between diary study and *GraphTiles* design:**  
Under the section 'The *GraphTiles* Interface', we explained the motivation behind the interface. The diary study demonstrates that imprecise search is a real problem, and the interface is our attempt to address the problem. More specifically, we better connected the definition of imprecise search to the features of *GraphTiles*, guided by Schneiderman's information seeking mantra: overview, zoom and filter, detail on demand.
- **Clarification of terms: general search/browsing vs imprecise search vs precise search / fact finding:**  
We clarify the terminology by proposing a definition of the search continuum according to the breadth of information sought - "general search < imprecise search < precise search". We added a figure (Figure 2) in the paper, illustrating the definitions of these respective search terminologies.

- **On reviewer 1's theoretical model:** We were inspired by reviewer 1's low level analysis, and included a discussion of relative task efficiency in our Experiment section.
- **Other minor changes**
  - **Added references on faceted search:**

As suggested by R2, we added references pertaining to faceted search and various category based interfaces that use structured data, under 'Related Work'.
  - **R5: How are diary studies collected? Why not use a background logger?**

We added a paragraph to clarify this a bit more under the 'Procedure' subsection under the 'Diary Study' section.
- Fixed other typos and language throughout the paper.