

The following changes have been made to match the corrections put forth in the thesis defense: Most spelling/grammar discrepancies should be highlighted in the given discrepancy file. Along with the updated discrepancy thesis: Note: this is not 100% accurate, some items are flipped (New items marked as deleted, etc), and some sections are presented as new when they are not. I am unsure why this is occurring using diff/latex. If you have any queries. Feel free to contact me.

General

- Spelling errors, general grammar, and sentence restructuring
- Removed Chapter Abstracts

Front Matter:

- Removed Diamond Indicators from table of contents

Ch1. Introduction:

- Re-arranged sentences
- 2 New Visualizations to represent the thesis as a whole (page count and temporal planning)

Ch2. Survey of Surveys (SoS)

- Removed discussion of supplementary material

Ch3. Dynamic Maps

- Added a terminology section encompassing discussed terms
- Added new images for comparison
- Increased Size of figure 3.9, 3.10 and 3.11

Ch4. Dynamic Maps User Study

- Included reference to total amount of users who failed screening
- Included a percentage representation for pixel count (relative to our screen)

Ch5. Multivariate Maps

- Removed mention of related work
- Edited Glyph placement section to avoid confusion on the background (most pieces of related work are on glyph placement, this section was to hold uncategorized papers, and so has been renamed **general** glyph placement)
- Added a small section on label placement
- Removed mention of supplementary material.

- Added an introductory section to the comparative user study to make clear the reason behind the section.
- Added a conclusion section using Ch7's opening piece. Modified to Low-fidelity visualization.
- Rotated Figure 5.10

Ch6. Design and Development

- Restructured Chapter to compliment a standard paper
- Added a comprehensive background section
- Split debug vis types from errors.
- Created an overview section discussing the debug visualizations
- Designed a table depicting the errors
- Discussed the solutions to the errors in more detail
- Moved shared boundary complexity to its associated error, leaving IntersectTester as final section.
- Added a conclusion

Ch7. Conclusion

- Moved Positional Idea to Ch.5
- Extended discussion on 3D coordinate space

Appendix

<No Major Changes>

Backmatter

- Modified References (some conference papers querying page numbers unchanged)
- Inserted Acknowledgements section for KESS2