

## Exercise Sheet 3

Information and Software Visualization (SoSe 2019)

Deadline: Wednesday, 08.05.2019, 14:00

*Everyone is required to submit an individual solution. Group discussions are possible and encouraged, but each individual solution must be clearly distinguishable from others. The submission takes place via Moodle—upload your solution as a PDF file.*

*This exercise sheet includes 1 task with a total of 10 Points (10 Point  $\hat{=}$  100%).*

### Task 1 [Points: 10]

A *Critique* is a short description of the key contributions and weaknesses of a research paper, and why you think so. You are required to write a critique about any **one** of the following scientific articles (your text should not exceed a length of 400 words):

- Havre, Susan, Beth Hetzler, and Lucy Nowell. “ThemeRiver: Visualizing theme changes over time.” In Proceedings of the IEEE Symposium on Information Visualization, pp. 115-123. IEEE, 2000. <http://www.ifs.tuwien.ac.at/~silvia/wien/vu-infovis/references/havre-ieeeinfovis00.pdf>
- Van Wijk, Jarke J., and Huub Van de Wetering. “Cushion Treemaps: Visualization of hierarchical information.” In Proceedings of the IEEE Symposium on Information Visualization, pp. 73-78. IEEE, 1999. <http://www.win.tue.nl/~wstahw/publications/papers/ctm.pdf>
- Rao, Ramana, and Stuart K. Card. “The Table Lens: merging graphical and symbolic representations in an interactive focus+context visualization for tabular information.” In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems, pp. 318-322. ACM, 1994. <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.115.8862&rep=rep1&type=pdf>

**Please note that a critique is not a summary, but reflects your own thoughts!** For more information on how to write a good critique, please adhere to the following advice provided online (**only we prefer real text with full sentences over a bulleted list**): <http://web.cs.wpi.edu/Research/aidg/CS540/critiques.html>