Paper: Scalable Network Distance Browsing in Spatial Databases
Review of Group 13

Technical accuracy: This is an accurate summary in regards to the paper being reviewed. Good and concise definitions and descriptions of the key terms and concepts are provided concerning the original paper. The authors of this summary do a good job of making clear the technical aspects of the original paper that may not be so clear to readers new to the subject matter presented in the original paper. This is one of the greatest strengths of this paper summary.

Presentation: The presentation of this paper summary is broken into the following parts: Introduction; Problem Statement; Contributions; Key Concepts; Validation Methodology; Author Assumptions; Conclusion. This is a good overall structure and is easy to follow. Moreover, the authors of this summary provide concise and easily understood definitions of the key terms and concepts discussed in the original paper. These definitions are not necessarily provided in the paper, and if they are, they are not as easy to understand to the reader as the ones provided in the paper summary. The inclusions of these definitions in this summary are good.

Analysis and insights: The authors of this summary present understanding of the subject matter beyond the content of the original paper. Their own definitions and descriptions show this, as well as their suggestions for improvement in the original paper. Their insight in the Validation Methodology section concerning algorithms not included in the study for the original paper is a good inclusion in the paper summary.

Things to improve upon:
While it is good that the authors of this summary include simplified definitions and descriptions of the original paper’s key concepts, more technical examples straight from the paper could also be included. Furthermore, some diagrams from the original paper could also be included. Also, a more elaborate description of the validation methodology would be a nice addition to the summary.
In addition, the structures of some sections are not clear. For example, in problem statement section, we suggest the authors use bullets to clearly state the problem definition rather than hide it in the background information. This method can also be applied to contribution section. Also, keep each section coherent and don’t put irrelevant materials in one section. For example, the last 3 sentences in problem statement section belong to contribution section. Do not put them in the problem statement part.
Moreover, some of the materials in key concepts may not be necessary. We think ‘key concepts’ are those novel terms defined by the paper or terms which are important and hard to understand for audiences. In this section, not all the terms listed by the authors belong to the above part. For example, ‘precomputing’ may not be necessary.
To a lesser extent, the assignment (A3) asked for you to provide aspects of the paper that you would preserve and aspects that you would revise. You have done this, to a degree, in your conclusion section, but maybe make it clearer as to exactly what you would keep and exactly what you would change about the original paper.