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| **Date:** | 6 December 2019 |
| **Amendments:**    Streamline research questions in the abstract and the introductions; there are different formulations of main RQ and sub RQs ; use them consistently across the thesis  In general RQs should be motivated first through literature analysis or data analysis, before stating it  Each chapter to follow a standard format; motivate RQs; describe the methodology to answer the RQs; conduct analysis and present data; interpret the results; discuss the results highlighting whether the RQs are answered or not  Figures, tables – always use captions consistently; interpret the results; discuss implications where possible  Introduce a literature survey/background chapter; relate and place the work in context; find relationships between concepts; discuss collective intelligence; discuss network measures; discuss word embeddings; doc2vc embeddings; deep learning models; discuss social/psychological measures etc.  Use proper labelling/numbering for equations throughout the thesis    **Chapter 1**  Sharpen DIKW pyramid and ontological description; as discussed in the viva  Clarify why use are using meso instead micro measures/metrics    **Chapter 2**  Discuss “Social support” along with its dimensions; later at the end of the chapter discuss the results with respect to these  Page 20 – methods and frameworks -> define and use consistently across the thesis  RQs need to be motivated considerably and the formulations need to be consistent across the thesis  Fix the Table 2.1 as discussed in the viva; if possible provide some sample data  immediately after to highlight the structure and format  Rich user and super users – differentiate and consistently use; same applies to rich-club behaviour  Figure 2.1 degree of node; just introduce a literature review chapter and explain the background material  Largest connected component? describe in the literature review  Explain a Bernoulli process model is appropriate or not for the case under consideration  Language structure/content analysis is not used; explain and state the implications  Figure 2.6 use captions consistently; always interpret figures  Explain whether temporal analysis is possible or not (as discussed in the viva)  Provide Ties and closures definition  Fix the remarks and descriptions  Say how you processed data; give the structure of the data;    **Chapter 3**  3.2 justify Front page posts are in fact baseline  Provide tabular representation of the data  Update the figure 3.1 properly  Posts structure and length; explain with sample data and if possible, use examples  Network characteristics difference or lack of it  Equations need to be labelled and consistently used  Fix the missing paragraphs in page 52  Section 3.6 elaborate considerably; explain triadic motifs; justify ;  Explain the methodology for analysis  Describe the algorithm on using triadic motifs  Describe/Explain the naming conventions using material from HL17  describe the figures consistently; explain the significance/impact  Chapter 4  Fix the use of hypothesis/research questions in first para page 60  Describe and label data collection process/naming strategies  page 64 justify the Bayesian algorithm  Page 66 justify assumption error analysis – give failure figures  Provide details of deep learning models; state the hyper parameters  Fix the Table 4.1 data    Chapter 5  Reformulate RQ7  Provide details of GAN so that it can be reproduced  Describe/summarise Dosovitsy paper  Figure 5.2 model should be explained and justified  Fix the sudden use of Facelift  Explain the methodology to answer research questions  Provide enough background details of – for example Inverted-U  Table 5.4 creation methodology  Provide enough background details of PLACESNET and SEGNET ; use terms consistently  Explain how the 120 or so labels in appendix B created  Explain surprise findings, for example inverted-u or complexity related  Justify and explain logistic regression methodology  Conclusion     1. Restate/refer RQs and highlight findings | |