

Final Report Requirements

Regardless whether you have a Type I or Type III project, write a report that has the following pieces.

1. Introduction and Motivation: Discuss the problem that you are working and what the motivation is. For Type I, explain the motivation to use ICA. For example, why is ICA preferred over content-only classification? ICA is a local approach; why is it preferred over a global approach such as pairwise Markov Random Fields? For Type III, introduce your problem, discuss why it is an important problem, and write it as a regular research paper.
2. Approach: For type I, describe the ICA algorithm in detail. For Type III, describe your approach in detail: what are the variables, what is the approach, what is the structure, etc.
3. Datasets: For both Type I and Type III describe the datasets in detail.
4. Experimental methodology: For both Type I and Type III, discuss your baselines, your evaluation metrics, and your evaluation methodology (cross-validation, etc).
5. Results: For both Type I and Type III, present and discuss your results for both the baseline(s) and your approach(es). Support your results with Tables and/or Figures, whichever are appropriate.
6. Related Work: For Type I, discuss other possible approaches to collective classification, but your discussion should be brief. For Type III, discuss related work on your project.
7. Future Work: For both types, discuss what are the obvious next steps to do?
8. Conclusion: Provide a brief conclusion.
9. References: include references for your related work.

There are no page formatting or page limit requirements. Use your best judgment. I prefer pdf files over other formats, so please convert your files to PDF before you submit.