

Figure 1: NIW model in boiler plate notation

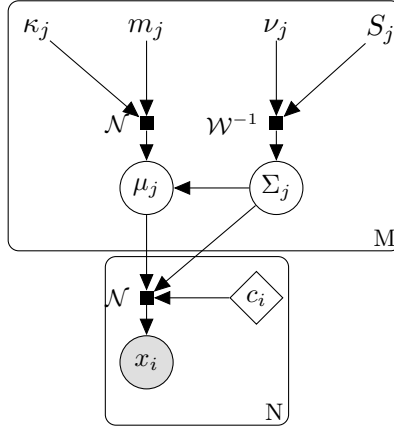


Figure 2: NIW model in factor graph notation

This visualizations are derived from a technical report “Directed Factor Graph Notation for Generative Models” and the accompanying TikZ macros by Laura Dietz 2010 (<http://people.cs.umass.edu/~dietz/>). The technical report is available in this repository as dietz-techreport.pdf. The library is found at <https://github.com/jluttine/tikz-bayesnet>.

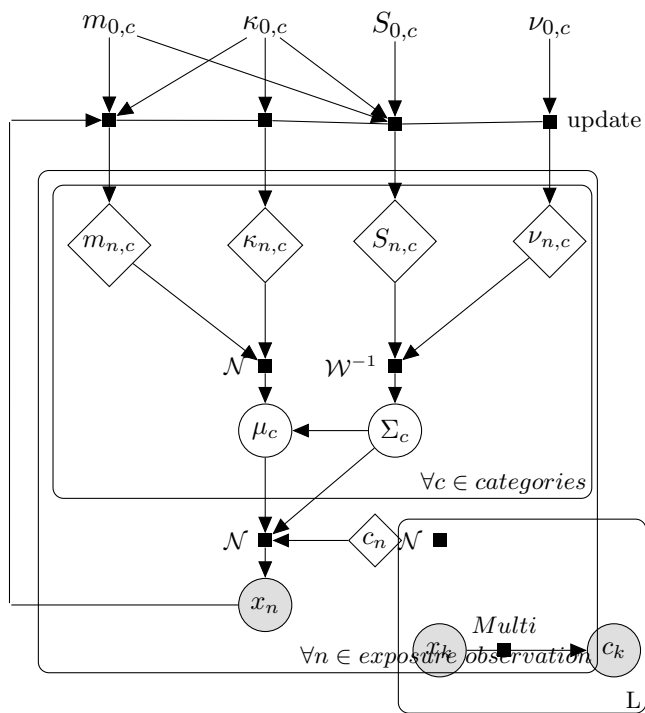


Figure 3: NIW updating model in factor graph notation NOT YET READY

Bibliography

- [1] Laura Dietz, *Directed Factor Graph Notation for Generative Models*. Technical Report. 2010
- [2] Laura Dietz, Steffen Bickel, Tobias Scheffer, *Unsupervised Prediction of Citation Influences*. In: Proceedings of International Conference on Machine Learning. 2007