

Inference for SRL

Armin Halilovic & Thierry Deruyttere (r0660485)

March 9, 2018

1 1.3

1.1 1

1.2 2. Difference between WMC's

The differences between the different WMC's come from [1].

1.2.1 C2D Vs Cachet

The biggest difference between C2D and Cachet is that C2D keeps a track of the operation it has performed. This means that Cachet is not a compiler but C2D is. In [1] they note that Cachet could easily be transformed into a compiler. There are some other minor differences like they have a different way to implement decompositions but they also do variable splitting and caching in a different way.

1.3 3 Overview of computational requirements

References

- [1] Mark Chavira and Adnan Darwiche. On probabilistic inference by weighted model counting. *Artificial Intelligence*, 172(6):772 – 799, 2008.