

## Short Bibliography on Imprecise Probabilistic Graphical Models

### Credal Networks: Modelling & Inference

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- Mauá, D. D., & Cozman, F. G. (2020). Thirty years of credal networks: Specification, algorithms and complexity. *International Journal of Approximate Reasoning*, 126, 133-157.

### Credal Networks with Epistemic Irrelevance

- De Cooman, G., Hermans, F., Antonucci, A., & Zaffalon, M. (2010). Epistemic irrelevance in credal nets: the case of imprecise Markov trees. *International Journal of Approximate Reasoning*, 51(9), 1029-1052.
- De Bock, J. (2017). Credal networks under epistemic irrelevance. *International Journal of Approximate Reasoning*, 85, 107-138.

### Credal Circuits

- Mauá, D. D., Conaty, D., Cozman, F. G., Poppenhaeger, K., & de Campos, C. P. (2018). Robustifying sum-product networks. *International Journal of Approximate Reasoning*, 101, 163-180.
- Mattei, L., Antonucci, A., Mauá, D. D., Facchini, A., & Llerena, J. V. (2020). Tractable inference in credal sentential decision diagrams. *International Journal of Approximate Reasoning*, 125, 26-48.

### Causality & Credal Networks

- Zaffalon, M., Antonucci, A., Cabañas, R., & Huber, D. (2023). Approximating counterfactual bounds while fusing observational, biased and randomised data sources, *International Journal of Approximate Reasoning*, 162, 109023.
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### Software

- Credal Networks: <https://github.com/IDSIA/crema>
- Causal Analysis: <https://github.com/IDSIA/credici>