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Bayesian inference with and about decomposable models

Abstract: The advantages of being able to assume decomposability in the manipulation of graphical models, and classical inference about them, are well known. This talk explores some of the implications of decomposability for Bayesian structural inference about graphical models for both continuous and discrete data, focussing particularly on (conjugate) graph priors and posterior sampling.

This talk is based on joint work with Alun Thomas

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