Bayesian Inference Using Gibbs Sampling [BUGS] Software for bayesian analysis of complex statistical models using MCMC methods. Gibbs Sampling: Algorithm to generate a sequence of samples from the joint poly of 2 or more The purpose so to approximate a joint distribition to compute an Integral.
Cibbs sampling is an example of a MCMC algorithm. algorithm. Gibbs Sampling is applicable when the pint distribution is not known explicitly, but the cond-tronal distribution of each variable is Sibbs sampling is particularly well adapted to sampling the posterior distribution of a Bayesian notwork! Conce Bayesian rehisolds are

typically specified as a collection of joint cond-transl distributions.

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