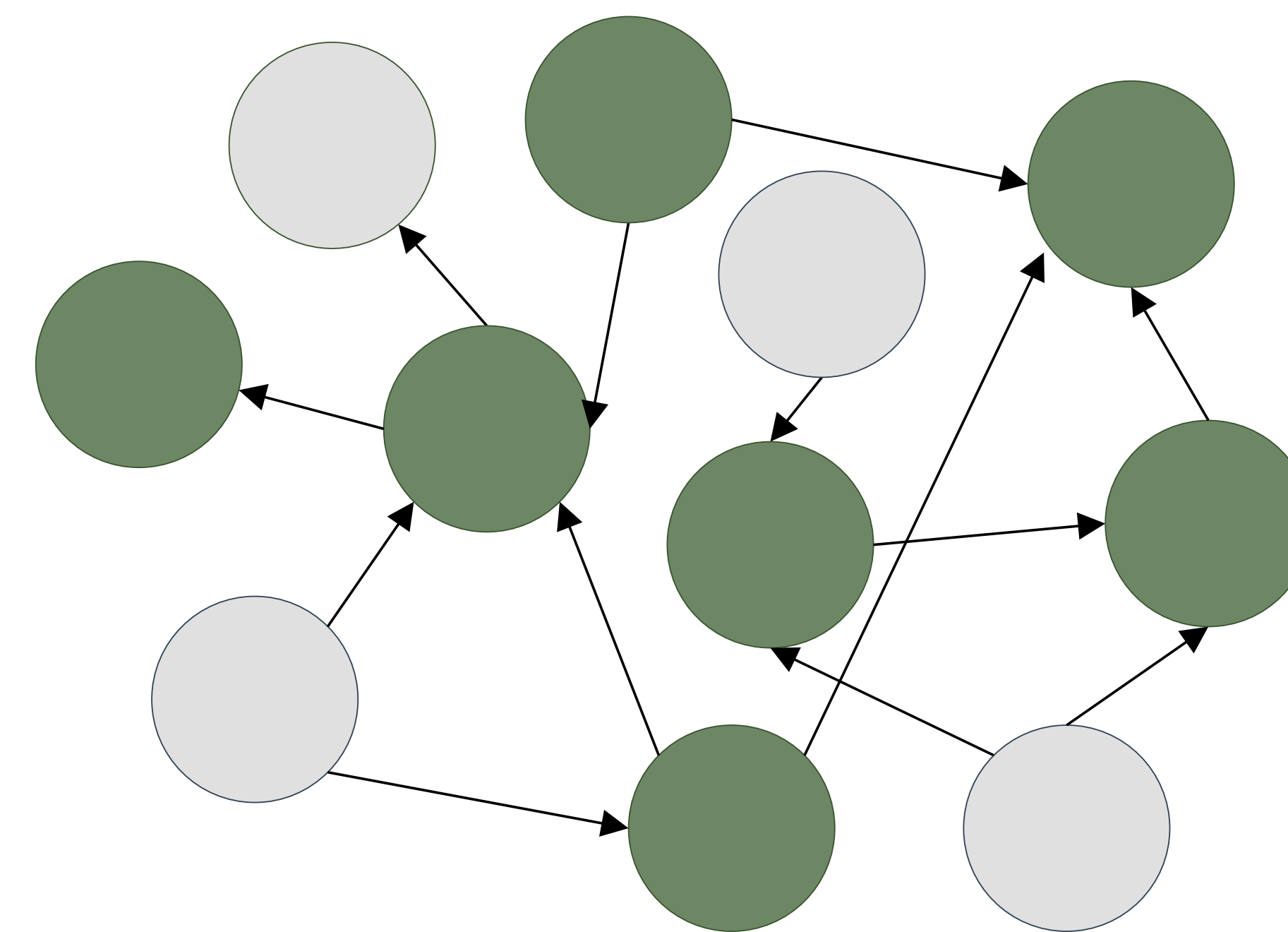


A

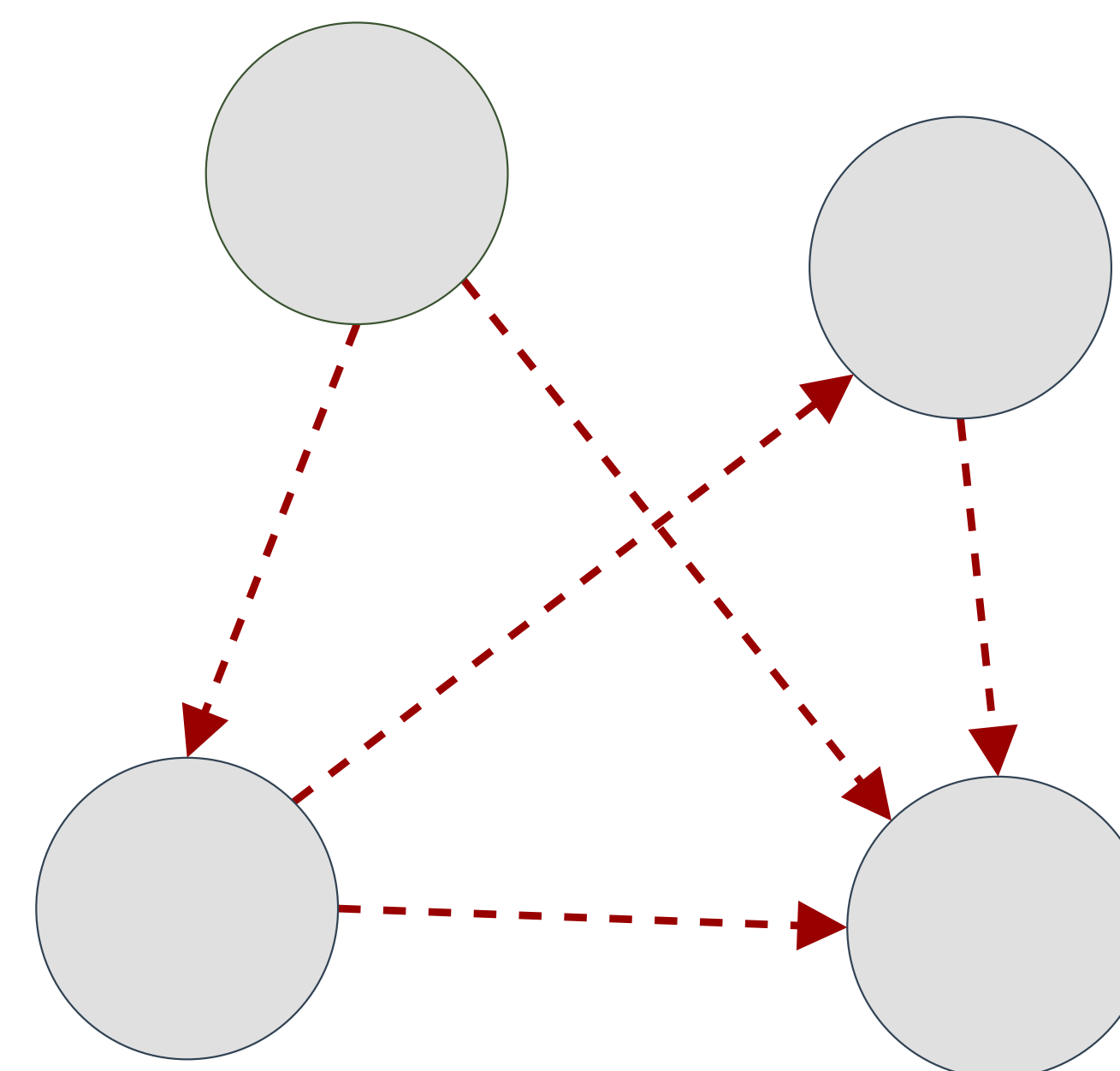
Expectation Maximization and Ensemble Structure Learning in the Presence of Latent Variables

Method

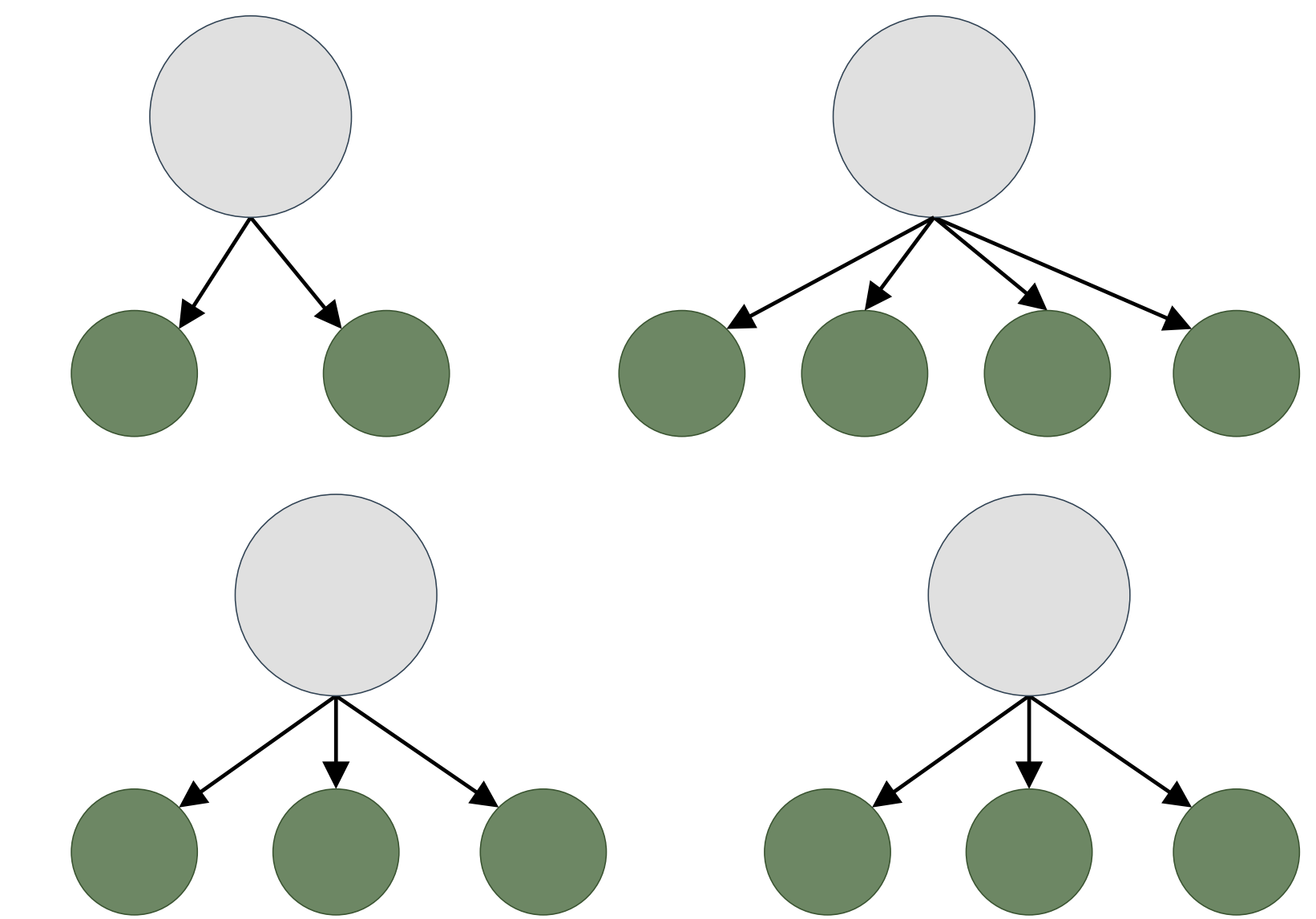
Proposed underlying true distribution \mathbf{M}^* as a static Bayesian Network



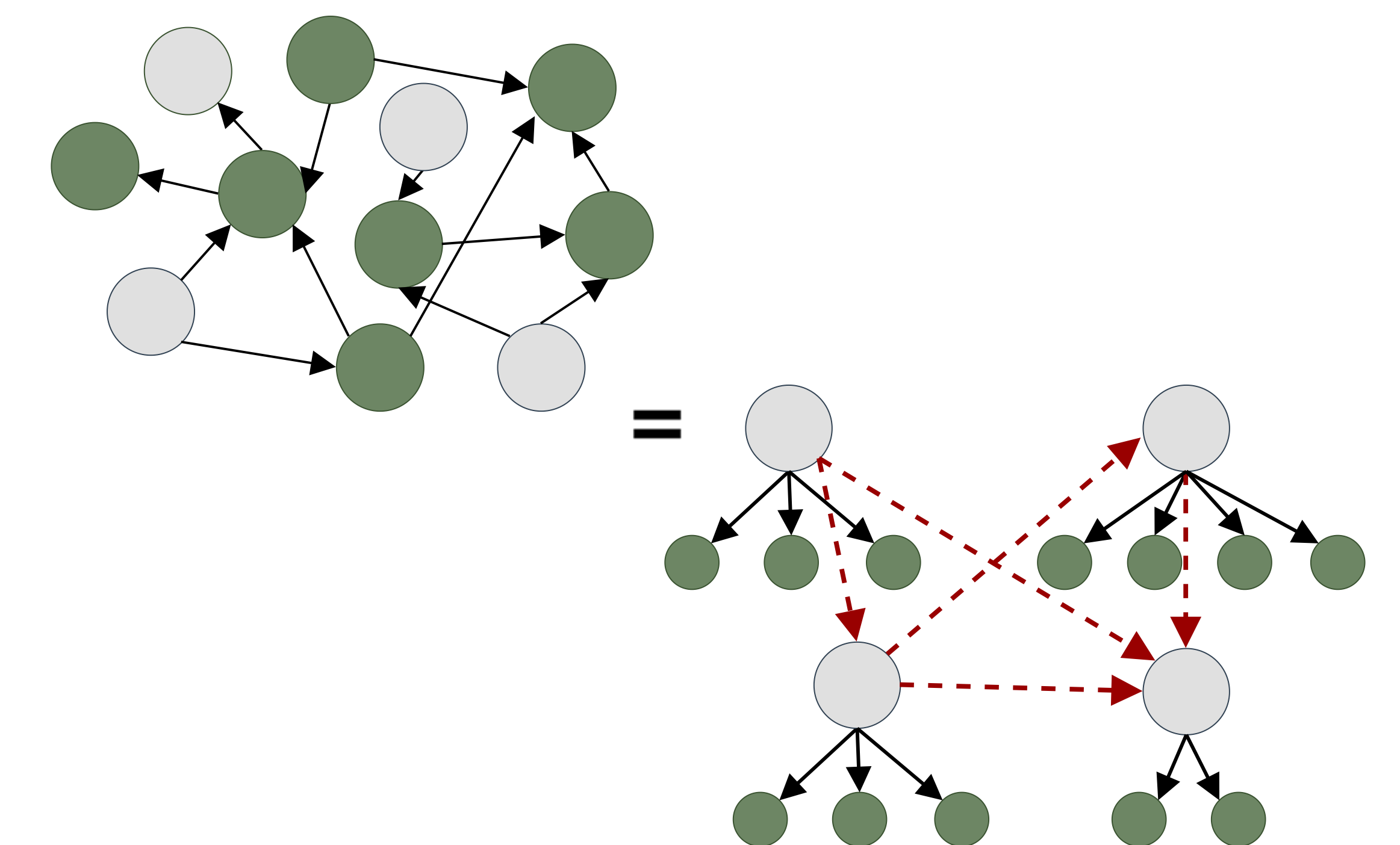
We learn the structure between latent variables and estimate the parameters



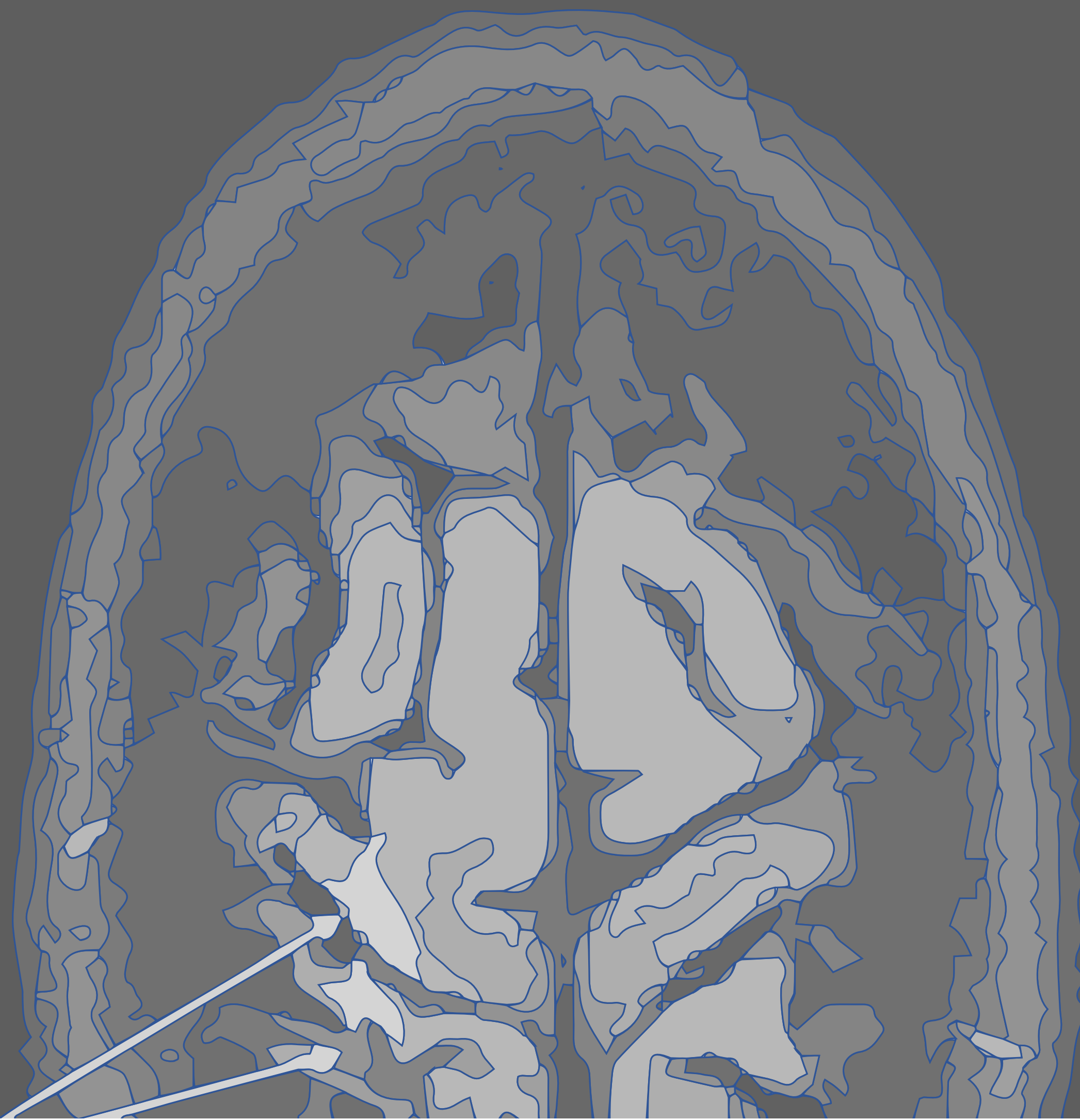
Latent variables are relearned from the **observable data** using EM Clustering



We then compare the learned structure \mathbf{M} against \mathbf{M}^* using KL Divergence



C



EM & STRUCTURE LEARNING IN THE PRESENCE OF LATENT VARIABLES
BY LINDELANI DELISA DLAMINI