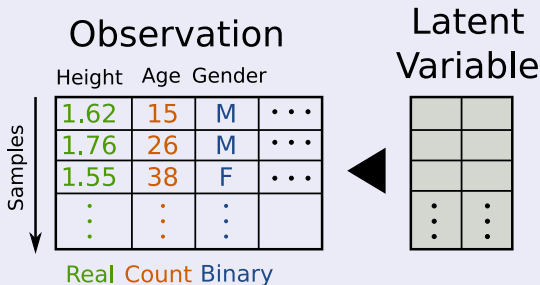# P012: Sparse Exponential Family PCA with Heterogeneous Attributes

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Purpose
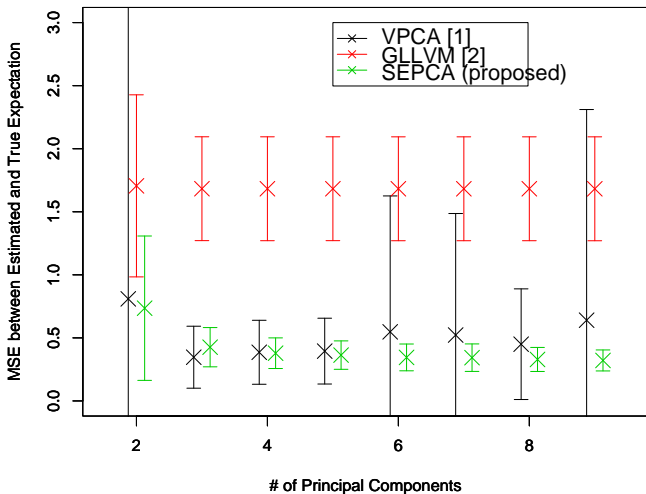
Low-dim. feature extraction from mixed data types

Approach

Modeling by exponential family with sparse priors

Synthetic Experiment Result

[1]C. M. Bishop. Variational principal components. *ICANN* '99

[2]P. Huber *et al.* Estimation of generalized linear latent variable models. *J. Royal Stat. Soc. B*, '04