Final Project

Betsy Cowdery

The goal of this project is to do a multivariate

$y \sim N_3(\mu, \Sigma)$

$\mu \sim N_3(\mu_0, V_\mu)$

$\Sigma \sim wish(V, df)$

$X \sim N_p(\mu, \Sigma)$

$X_{i,j}^0 \sim N(X_{i,j}, \Sigma_{obs})$

$\mu \sim N$

$\Sigma \sim IW$