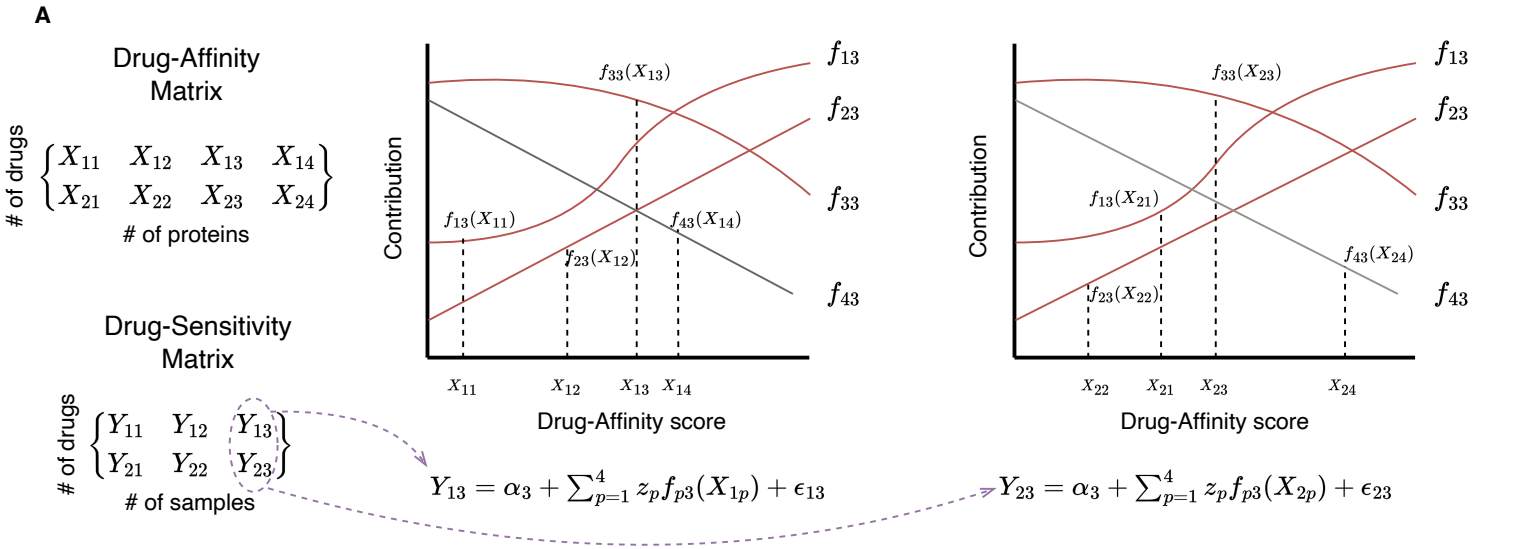

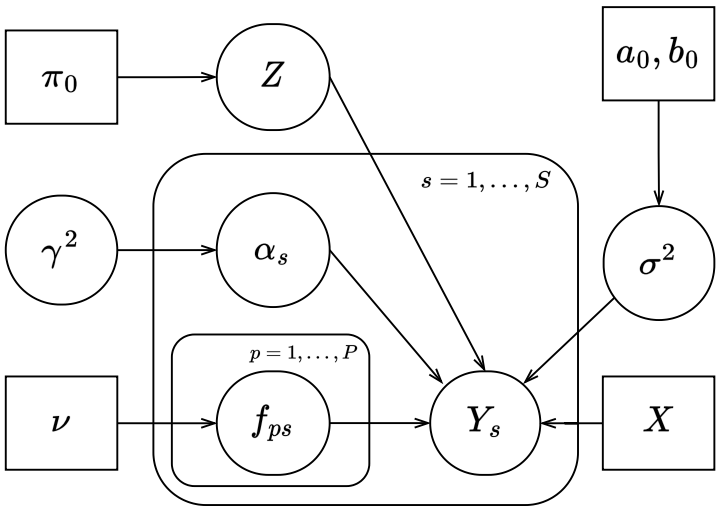

C

Table of variables

Name	Distribution	Description
a_0, b_0	Constant	Hyperparameters of σ^2
ν	Constant	Hyperparameter of Gaussian Process
π_0	Constant	Hyperparameter of Z
X	Constant	Processed drug-protein affinity matrix
σ^2	Inverse-Gamma	Scale parameter controlling the variance of the noises
γ^2	Half-Normal	Scale parameter of the intercepts α_s
α_s	Normal	Intercept parameter of the sth sample
f_{ps}	Gaussian Process	A function measuring the contribution of drug sensitivity scores of the pth protein to the sth sample
Z	Bernoulli	Indicator variables controlling the inclusion of proteins
Y_s	Multivariate Normal	The sth column of the processed drug sensitivity matrix