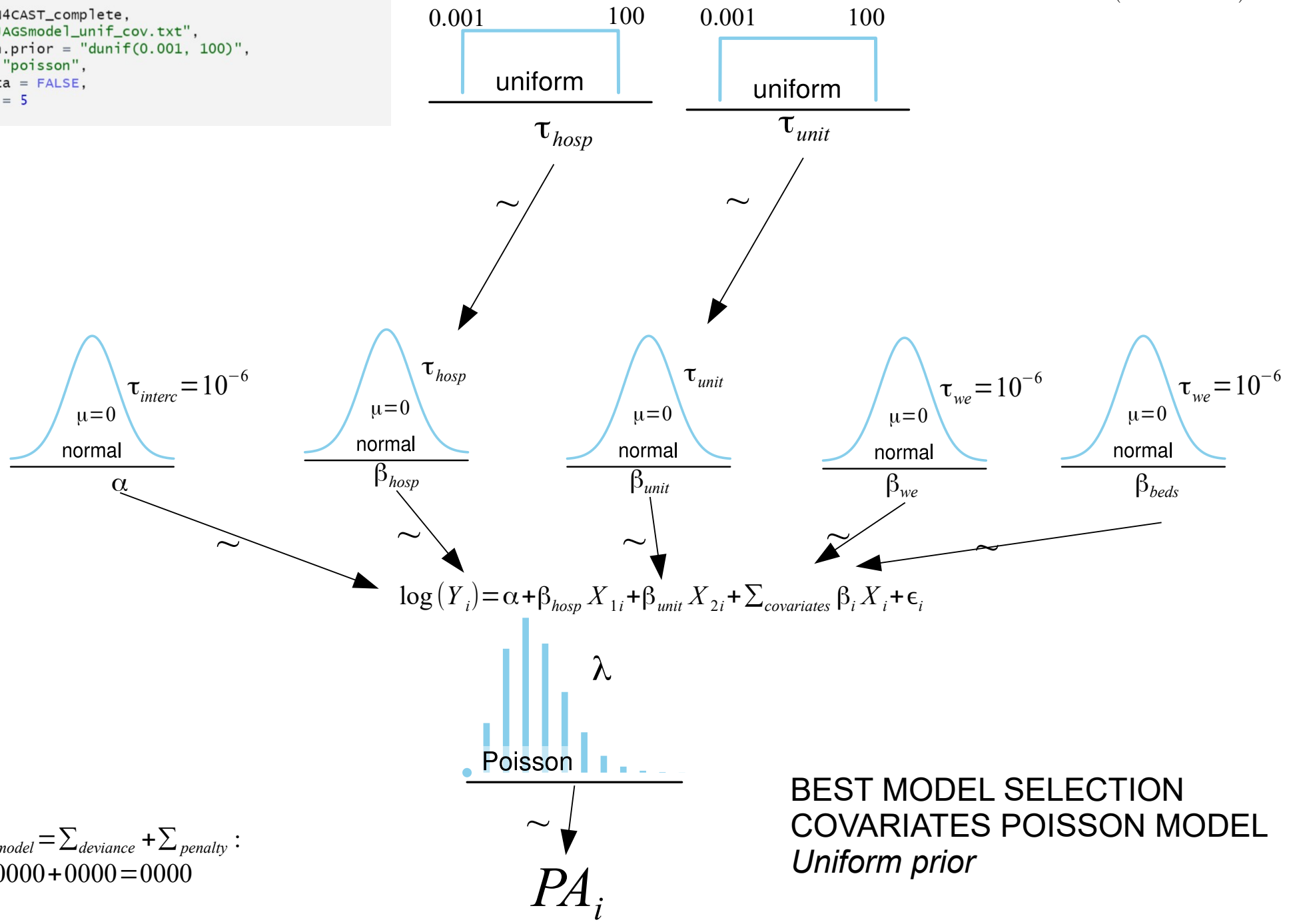
```r
model_unif_cov <- template.jags(
  formula = pa ~ (1 | unit) + (1 | hosp) + #INTERCEPTS
                 expe + full + #level 1
                 unitsur + we + #level 2
                 tech + teach + beds, #level 3

  data = RN4CAST_complete,
  file = "JAGSmodel_unif_cov.txt",
  precision.prior = "dunif(0.001, 100)",
  family = "poisson",
  write.data = FALSE,
  n.chains = 5
)
```

$$y_i \sim \text{Poisson}(\lambda)$$
$$\mu \sim \text{Normal}(0, \tau)$$
$$\tau \sim \text{Uniform}(0.001, 100)$$



$$DIC_{model} = \sum_{deviance} + \sum_{penalty} :$$
$$0000 + 0000 = 0000$$

BEST MODEL SELECTION
COVARIATES POISSON MODEL
Uniform prior