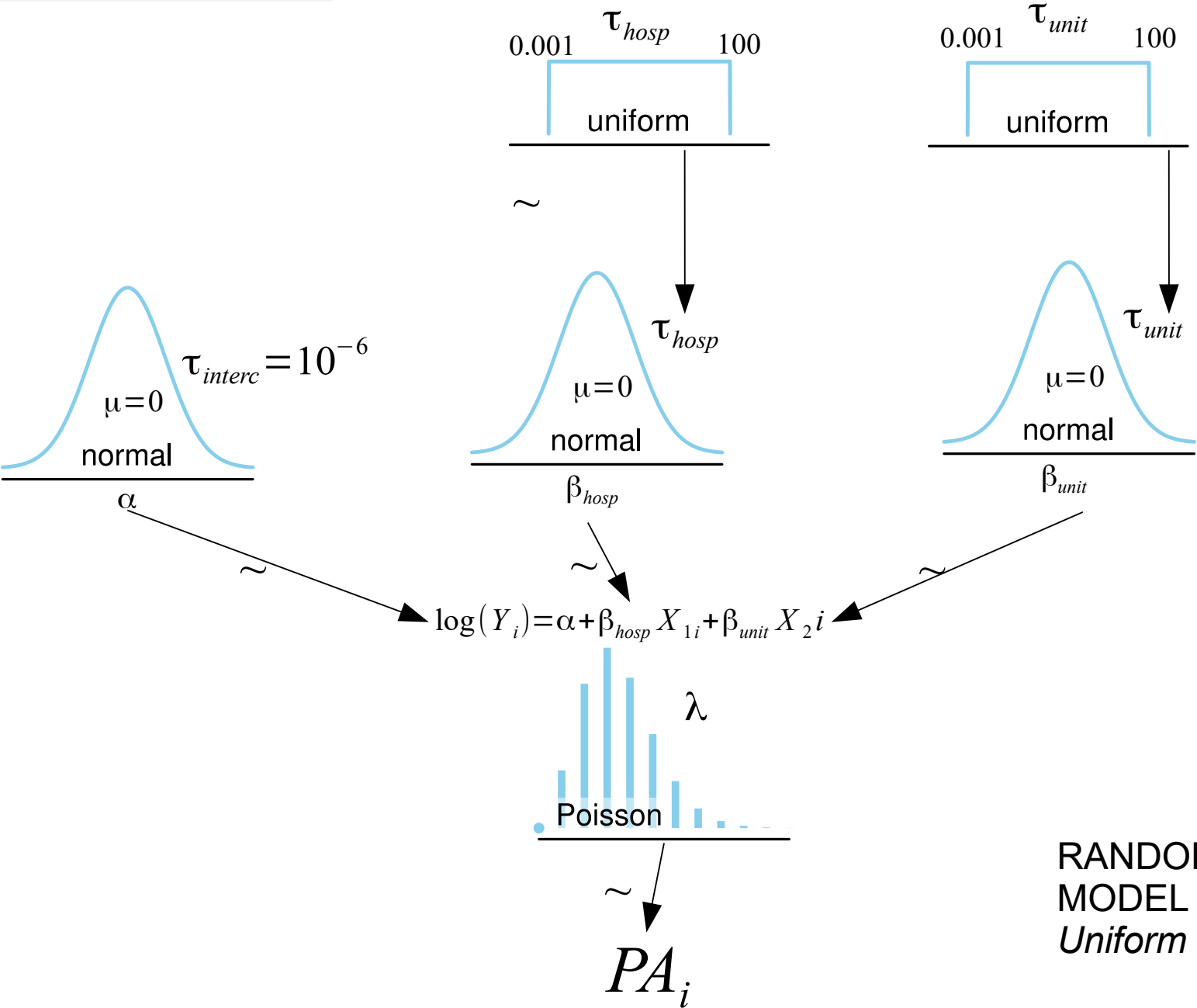


```
model0_unif <- template.jags(  
  formula = pa ~ (1 | unit) + (1 | hosp),  
  data = RN4CAST_complete,  
  file = "JAGSmodel0_unif.txt",  
  precision.prior = "dunif(0.001, 100)", #  
  family = "poisson",  
  write.data = FALSE,  
  n.chains = 5  
)
```

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



RANDOM INTERCEPT
MODEL
Uniform Prior