# Below is an example of JAGS code used to fit a simple occupancy model with covariates and a logistic distribution prior

```jags
model {
  # Priors
  b0 ~ dlogis(0, 1)
  p ~ dunif(0, 1)

  #model
  for(i in 1:n.sites){
    psi[i] <- exp(b0)/(1+exp(b0))
    z[i] ~ dbin(psi[i], 1)
    mu[i] <- p*z[i]
    y[i] ~ dbin(mu[i], n.occs)
  }
}
```