model

{

for(i in 1:n){

psihat[i] ~ dnorm(psi[i],tausq[i])

psi[i] ~ dnorm(psi0,tausq0)

tausq[i] <- 1 / pow(sigma[i],2)

}

psi0 ~ dnorm(0,0.001)

tausq0 ~ dgamma(0.001,0.001)

sigmasq0 <- 1/tausq0

}

# Data:

list(n=12,

psihat = c(1.055,-0.097,0.626,0.017,1.068,-0.025,-0.117,-0.381,0.507,0.000,0.385,0.405),

sigma = c(0.373,0.116,0.229,0.117,0.471,0.120,0.220,0.239,0.186,0.328,0.206,0.254))

#Initialization

list(psi0=0,tausq0=1)

list(psi0=0.1,tausq0=3)

list(psi0=-0.1,tausq0=5)

