Beroull model with different prior: Note: $x = log(r(p) - log(\frac{p}{1-p}))$ $p = log(r'(x) = \frac{e^{x}}{1+e^{x}})$ y: ~ Bem(p), i=1,...,~ logit (p) ~ N(M, or) $=\frac{1}{1 + e^{-x}}$ Posteria : [logit(p) (+] x [+ | logit(p) [logit(p)] Use M.H -/ proposali logit(p) ~ N(lgit[p)", 52 which is called a random wilk proposal. can true of the to improve MCMCm. life, Note: [lost(p) | logit(p) - logit(p) - logit(p) - logit(p) - logit(p) - logit(p) - logit(p) = logit * Important Note; prior and proposal have to be in some transformation.