$\pi \sim Dirichlet (0)$ for j=1 to k do My ~ Dirichlet (B) endfor for i=1 to n do product; ~ ngu; x X; Allprobi ~ log to + & product; Allprob: ~ [Allprob: - man (Allprobi)] probs: ~ Allprobi/ E Allprob; Ci ~ Multinomial (1, probs;) for j=1-60 k ob counti ~ Sci Oi~ Oi+ Counti Ti ~ Dirichlet (0) J=1 to K do COUNTY ~ E Cil logues ~ hg (Dirichler (
B+ counts)) end-for