Y = comps on X: = cover on $X_i - - - \Rightarrow Y_i$ plat: Wij = soil water replicate is on plot M [3, M 6 | W] a T T [Y: | Bo+B, M: + B2X. - underline indicates X [wis | Mi, 6; Vectors or X [M;] [6;] [Bo] [Bi] matrices Y; ~ Poisson (e Bo+B, Mi+Bzx;) W: N gamma (167 / 167) 62: ~ Un: form (0, 100) E could be Inverse Bo ~ normal (0, 10000) Simma on B. ~ normal (0, 1000) B. normal 6 100)
B2 ~ normal (0, 1000)

all vacue pions so la

M; ~ uniform (0, 100)

all vasue priors sorted