12/4...) EZ MH to sample Tto went cheep proposal 2. MH - Accept/reject

(accept with a prob. which is influenced
by TT*) Wont nigh acceptance rate =) Chain has inv. distr T How to define prior marginal wo:
Two ways:

(80' exomple of prior and def $P(iol \approx \mu = \frac{1}{M} \stackrel{M}{\underset{i=1}{\sum}} 8_{x_i}$ $\Rightarrow \text{ all } X: \text{ have weight } \frac{1}{u}$ $\Rightarrow w_0 = \begin{pmatrix} v_{u_1} \\ v_{u_2} \\ \vdots \\ \vdots \end{pmatrix}$ (2) x; a gild on 12 dx = \hat{n} = \frac{1}{M} \lefta \delta_{K_i} \text{ samples } \frac{1}{-2} \text{ Uniform distr.} not prior , w, ~ pdf(Pilor) dx Prior > Min Z Sx. Wi wo = (")

Posterior & Likelihood · Prior (1) x; ore gram prior \[\mu_{post} \sum_{x} \times	
(2) Vi on grid $\mu_{post} \geq \delta_{x_i} w_i$ $w_i \sim pdf(prior) \ \text{Likelihaad}$	Posterior & Likelihood · Prior
up = 2 8x; w; w; ~pdf(Piror) Likelihaad	(1) $\mu_{post} = \sum_{x_i} w_i$
· w. ~pdf(Pijor) Likelihaad	(2) Xi on grid
P(x/y) = . Per,y) P(x/y) = . Per,y)	Mpost Z Sx; W;
	W. Post File / C. Netivoca