parameters we are trying Parameters: M, E, TT to optimize

maximize - 5 10 8 & Th N(Xn 12 8 Mu) } [1] Use EM algorithm | (4, 15 | 1/2) p (x) 3, A) } to optimize (1)

C Step & P(2=k | Xn A) = mc N (Xn / du, Sh) S= Ti N ( Xn / ru; Si)

Mskep -Mu = The Sp P(Zu=h | Xnf) Xn ~ p(Zh-h/Xh A) (Xn-hn) (Xn-hn) T Nh = 2" p(2n-h / Yn H)

New likerchops - Soul In & first MAN (Xn love Ex.) }