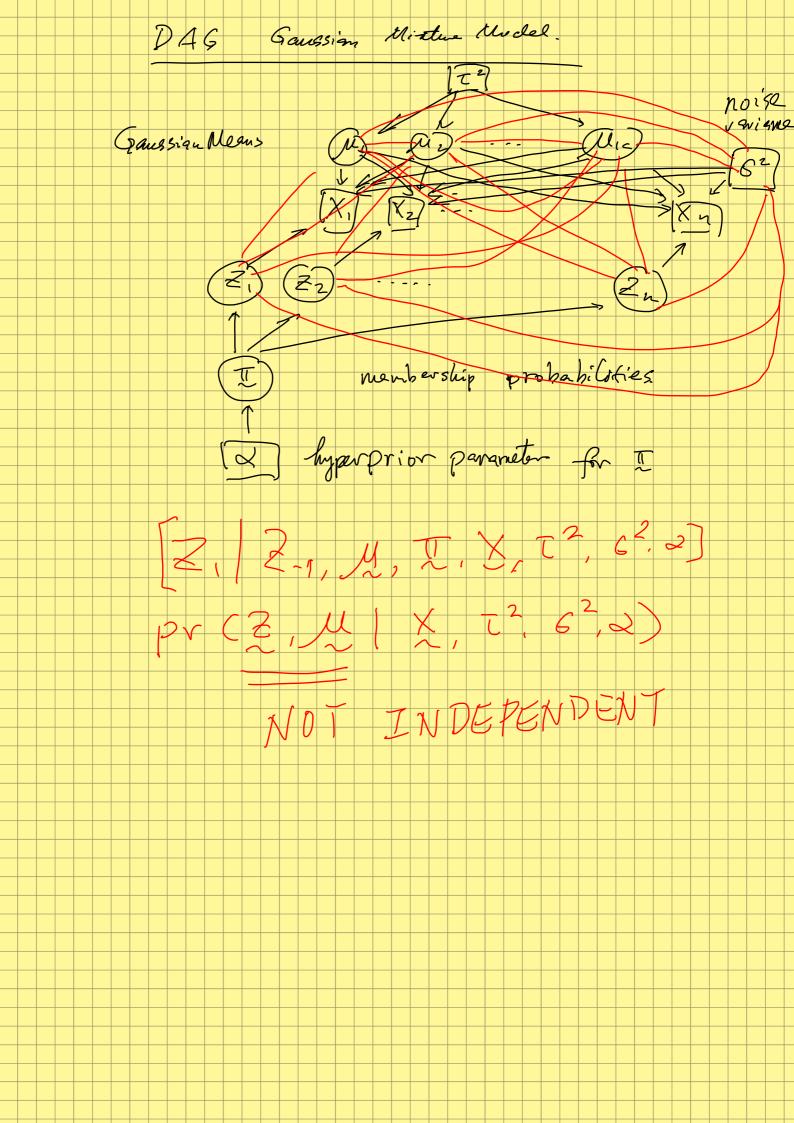
all possible disting for pr (2 (2, ~) truth, Simpler family of distributions {9.902;27}2 9 (2) = 3 (2:2+) (en Overtion si) than to measure the distance between Minture Landre Manual Colors Manual Co xi → date avests about VI deres to end. dross a family of unimodal disto



On Coordinate Ascent up date O: Why me p(ZR/Z-k, Z) When impositing the marginal district g(ZR)? For computational simplicity, putin 2k at the last position in the generic chain rule factorization so that the only appears in ELiB summetion Suppose to approximate $P(2_1, 2_2, 2_3 | 2)$ we we a family $g(2_1, 2_2, 2) = \frac{3}{5}$ $g(2_3)$. We update 9(2), then 9(2), then 3(23).

) update 9(2)

ELB(9) = Eq (lop(2,2,2,2,1x)) - Eq (log 9(2,2,2,2)) These are the Eg log R(2) + log R(2,12) + log R(2,12,2) + log R(2,12,2) + log R(2,12) 2) Up date 9 (22): Same strategy, but now, we REWRITE & as Eg[log(Z) +log R(23121) + hogh(2223) Again only one term involves g(22) !!

Updet 3*(22) ... Therefore, by putting the margin 2k at the Cast position in the chair rule; ONE tem from the chair rule is enough.