







p(x1-x4, x2 | x5, x6, x8) = p(x1-x8) 9(x, x, x) = 7(x, xb, xb) 9(x, xy, x2) 2 p(x1) p(x2/x3) p(x6/x4) p(x3/-) p(x8/-) p(x5 (x3) p(x6 (X4, x5) p(x8)x6) p(x5, X6, X8)=p(0) W p(w D) ~ p(w) 17 p(y, \w) $p(y|D) = \int p(y|w) p(w|D) dw = \underbrace{E_{p(w|D)}[p(y|w)]}$ $p(y|D) \approx \frac{1}{R} \sum_{z} p(y|\nabla^{(z)}) / \nabla^{(z)} \sim p(\nabla^{(D)})$ $p(y|D) \approx \frac{1}{P} \left(\frac{1}{P} \left(\frac{1}{P} \left(\frac{1}{P} \right) \right) \right) = \frac{1}{P} \left(\frac{1}{P} \left(\frac{1}{P} \right) \right) = \frac{1}{P}$ $p^*(\overline{w}) = p(\overline{w}) \prod p | \eta_n | \overline{w})$ - average with preight



