Spring 2015 Question 6 P(x,) = F(x,) P(x21x1) = F(x21x1) P(x31x,) = +(x31x,) P(x41x2,x3) = f(x4,x2,x3 P ()(5 | X4) = F (X4, X5) (x(1x4) = f(x6) P(7/x5,x6) = f(x5,x6) = congs => £ (x4, x2, x3) F(x4, x6) F(x4, x6 => : 9 (>65 >65 >63) £ (x1) ((x2)x1) F(x3124) => = () ()(2))(3) Eliminak X £ g'()(2,313) g(x5,316,312) Fliminak £ g"(x2,)(5,)(6) Eliminate X5 => £ g"(x5, x6) = h(x6) climinate x -> done Complexity Time = O(d5), space = O(4d4)