1. a) YNUXB, I) WHERE BERY UNKNOWN PAR. VECTOR LIKELY 4000: P(9/B) = TT = exp(-2(xi-B)2) xi -> i-th row of X y: prithel. or y PRIOR: 1/2 (8) x t exp[-1/6,1) POSTERIOR: P(B/4) = P(Y/B). T. (B) = = TI - TUTE exp(- 1/2 (x;-B)) Vexp(-x/B;) B = MAXIMITED OF POSTEDIOZ β = 2rgm2 × P(B/Y) = 2rgm2x (T + exp(-2(x;-β)). Therp(-x/β)) = sigmsx (exp (-1/2 [xi-b)] - 1/2 [B]))/ln = argmax (- 12 (xi-B) - 1/1 B) Ergmax (f) = @oargmin (-f) > = 20gmin (= 2 = (x; - B) + 1 || B ||) = LASSO V