Somerio: A telecomunications Company is analyzing il's Customer data to underestand the factors Influencing Customer Churn (i.e: monther a Customer discontinues their Services). The 've Identified thus factors Monthly Pato wage (GB) (and Cowtomer Service Calls (Number) Enri Wager X X2 Dala Monthly dato usage (GB) Customer Service Calls (Num) Chevon (1,0) 10 25 65 0000 15 5 20 montand wan A Bo: - 3.5 109 (odds) !-10

Poudicting Churon foor new Customer: Monthly data usage (GIB) | Customor Sovices | Churn (O, 1) 18 103(0dds) = BOX B9(NT) 1+ p-(BO+B+XX1+B2#X2) 1 1+ p-(3.5x+0.2*18+0.8*3) 1+e^{-2:5} B = 0.92

=> 1

