3 Maximum Erropy Modelling g) for the given sequence is to find for sace the previous trug is | ti-1 = TO Entropy P(C/x) = Lexp(&w; (i)) in from the given information JB & O 1 0 1 1 0 } product

UB & O 035 0 0010 0015 0 (with) P(A) NN F 1 0 0 0 0 0 1 NN W 0-3 0 09 0 0 -0-2 = P(VS/x) = e0-75 e0-10 e0-15 + e0-3 = 0-71 = 0-71 P(NN/x) = 0.3 e-0.2 = 0.289 > 1 [C= VB]

3-6)

race 12?

cure and = race

previous try = DT

H 62 63 F4 1 68 66 NN F 1 0 1 0 0 0 NN W 63 0 09 0 0 -0.2

P(US/x) = 2000 e0-15 e0-10 e0-15 + e0-3 e0-9

60.52 = 0.58

P(NN/2) = 20-10 00-15 e0-30-9

e1-2 = 0-721

:. (C = NN)