Non-unvertibility (optional /advanced) Superpose USU ># features # examples of = (xTx) XTy prodo inverse xiverse 0=/xx+2/0, Regularized Logistic Regression

J(0) = - [in \ (y'') log (ho(n'(i))) + (1-y'')) log(1-ho(200))]+2 200 new cost funct with Regularization term Grad Desc. 003=00- K & (ho(n(i))-y(i)) x(i) Repeat & 0,00 = 0,0 - x[i = (ho(n(i)) - y(i)) 2; +201 20% (S new cost function