Intuition Size of house Size of house Oot O1 Mot O2 x2+ O3 x3 $\theta_0 + \theta_1 x + \theta_2 x^2$ Suppose we penalize and make θ_3 to θ_4 n^4 .

On meally small θ_3 θ_4 $\theta_$ 600 € 04×0 € 00×0 00 +0,7+02×20 Kegularization Small values jor parameters 0, 02-Co Less prove to overfitting (cg) (tausing 3 Lifeatures = N1, N2, () Parameters => Oo, O., Oe, ..., O,00 J(0) = 1 (60(n(1)) -4(1)) + 2 5002