STAT 2008/4038/6038 Regression Modelling Polynomial Regression & Degrees of Freedom Y= B. + B. X + E degree = 2 Y= B=+ B, X+ Y=B=+B, X+B, X+B,X total of A polynomial of degree (n-1) will be a perfect fit for nobservations, BUT there are no degrees of freedom left over to estimate 62, the variones of the -> this is an extreme of "over-fitting" a too complicated model more on this later