

a. Y= bo + b, x + b2 MnSOD+ b3 x MnSOD e: regular error b. y= 86.03 + 114.49x + 266 39. MINSON +806.66. X. MnSOD C. Ho: b=0, HA: b=+0 t-test = 14.888 p-value <<0.01 So we reject null and conclude yes, they interect

d Rate of increase: 38/MnSvv=1=114.48

+806.66 = 921.15 e Rate of increase:  $\frac{34}{4x}[m_{m}so)=0=114.49$ So for MnSO) type gne, the rate of increase is much higher . since 921.15