r 50 years old active male customer  $\frac{|a_{sticity}| = |P_r[Yesp_i = 0 | male_i = 1, active_i = 1, age_i = 50] \cdot active_i \cdot \beta_2}{1 \times 0.914}$   $= \frac{1 \times 0.914}{1 + exp(-2.488 + 0.954 \times 1 + 0.914 \times 1 + 0.07 \times 50 = 0.069 \times (50/10)^{3})}$ 50 years old inactive male customer lasticiny = R [respi=0] malei=1. activei=0. agei=50]. activei · B = 0  $\frac{1}{||x||^{2}} = \frac{||x||^{2} ||x||^{2}}{||x||^{2}} = \frac{||x||^{2}}{||x||^{2}} = \frac{||x||^{2}}{|$  $= \frac{\exp(\beta_0) \cdot (1+2i)}{1 + \exp(\beta_0) \cdot 2i} - \frac{1}{1} = \frac{\exp(\beta_0) - 1}{1 + \exp(\beta_0) \cdot 2i}$ T+ exp(B2). 2i = Pr (vesp = 0 | acrive: 1). elasticity = [Op(Bs) - 1] Pr[resp=0 | active==1] 50-year-old active male austomar,  $I = (\exp(0.914) - 1) \frac{1}{1 + \exp(-2.488 + 0.954 \times 1 + 0.914 \times 1 + 0.07 \times 50 - 0.069 (\frac{50}{100})^2)}$ 

€ 0.35

Kunyu HE