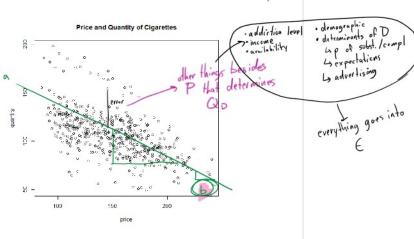
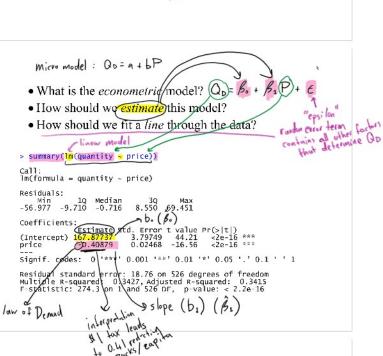


• What is it about this model that is important for policy makers who are trying to reduce smoking? how mush will produce QD? b= slope

Data: packpc number of packs per capita, avgprs average price during fiscal year, including sales taxes

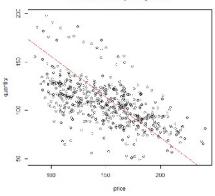
 U.S. data from 1985-1995 (Ecdat R package, original source Jonathan Gruber)





to Orl registra

Price and Quantity of Cigarettes



Price of Diamonds

size (carats)

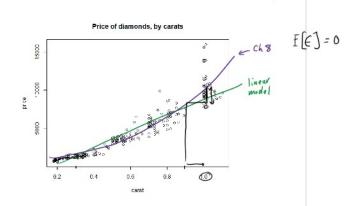
• What determines the price of a diamond?

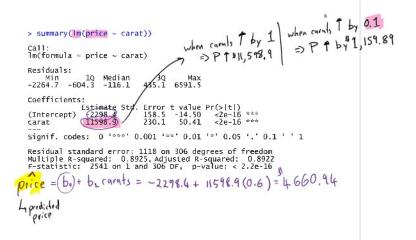
• How can the "model" for diamond pricing be represented in an equation?

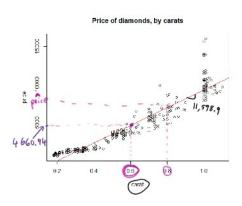
• How is this useful?

4 Know how to price your diamond

- Data: **price** price in Singapore \$s, **carat** weight of diamond stones in carat unit
- From 2000, n = 308 (Source Chu, Singfat (2001) "Pricing the C's of Diamond Stones", Journal of Statistics Education, 9(2).)







Marginal Propensity to Consume

MPC

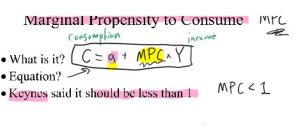
On Sumption

MPC

On Pricing (effect of carols on price)

(ii) Now: MPC

(iii) Now: MPC

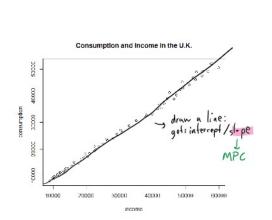


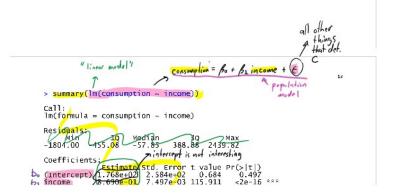
portion of income consumed

" V" > restessor/explanatory

 Data: income - total disposable income (million Pounds, current prices), consumption - consumer expenditure (million Pounds, current prices)

 From U.K., 1971-1985 (quarterly), n = 58 (References Verbeck, Marno (2004) A Guide to Modern Econometries, John Wiley and Sons, chapters 8 and 9.)

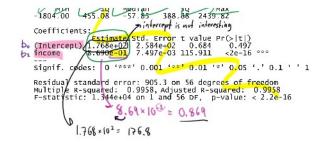


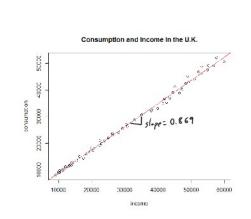


(iii) Pricing lettect of carass
on price)

(iii) Now: MP(

Lydring to get slope
of a line
use a scotterplot
of data > draw a
line (choosing interce)
and slope)





How should we choose the line? (estimate the intercept and slope?)