

# More on calibrating cons

(1)

Calibrating Z matrix  $\rightarrow$  Transition btwn cons + prod.  
goals

- $\rightarrow$  need sales taxes on cons goods  $\rightarrow$  Read, could redo, but perhaps just update FR
- $\rightarrow$  see Ballard + others (1985)
- $\rightarrow$  1973 data on gross-of-tax purch + sales taxes paid
- $\rightarrow$  FR 1993 scale to 1984 by inflating by ratio  $\frac{\text{total cons 1984}}{\text{total cons 1973}}$  for gross-of-tax purchases

papers.nber.org/books/ball85-1  
 $\rightarrow$  chapter 5? 6?

- $\rightarrow$  scale up sales taxes paid by  $\frac{\text{indl. bus taxes 198\$}}{\text{indl. bus taxes 1973}}$   $\rightarrow$  also from econ report

## Z matrix

- $\rightarrow$  Survey or Current Business "input-output" matrix
- $\rightarrow$  FR 1993 Tables 3-9 + 3-10 give mapping of BEA #'s to categories used
- $\rightarrow$  2007 I-O table most detailed industry breakout (389 ind)
- $\rightarrow$  think I should use the "make" table, but not sure how to map to consumer categories
- $\rightarrow$  ~~thus~~ think I actually need the "PCE-Bridge" tables

Data  
cons goods  
PCE inv #

ind  
NAICS

ind  $\rightarrow$  trans  $\rightarrow$  retail  $\rightarrow$  whole  $\rightarrow$   $\frac{\text{cost \$}}{\text{= sum of parts}}$