Global Productivity Comments

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All three papers are to be commended for their efforts to use/assemble/construct large data bases

Labor – more information & discussion

➢ **Inklaar & Marapin include the most information**

  ▪ **Use persons engaged**

➢ **Paul & Sun use persons employed**

➢ **Dieppe & Matsuoka ?**

Labor – country & sectoral analysis importance

- ➢ **For countries with varying work patterns & types including over time**

  - ▪ **Agriculture, unpaid family workers, informal sector, etc.**

  - ▪ **Particularly for advanced economies vs. emerging market and developing economies (EMDE) and vs. low-income (LI) countries**

- ➢ **Less important for Paul & Sen (construction), but labor is most central to their model**

Education?

➢ **Average education for working ages available from Barro-Lee as an indicator that could be presented**

- **Inklaar knows of a better source**

➢ **Why not adjust country labor by education (has problems)?**

Paul and Sen Construction Productivity Paper

➢ **Differences in ratios between income by country deciles**

➢ **Focuses on relative use of intermediate inputs as a possible explanation**

➢ **Construction is a difficult sector**

Paul and Sen Construction Productivity Paper

- ➢ **Basic model**

  - **Nominal wage is identical across all sectors**

  - **Nominal wage is nominal per capita output**

  - **Labor is homogeneous**

Paul and Sen Construction Productivity Paper

- ➢ **Model with intersectoral linkages**

  - **Labor productivity depends on the share of specific intermediate inputs in total intermediate input**

  - **Also depends on relative prices: intermediate input to GDP**

  - **Labor is still homogeneous**

  - **Not the consistent pattern of intermediate input shares across income deciles seen in other ratios**

Inklaar & Marapin
Labor Productivity Decomposition Paper

- In figure 7, why is there so little difference between the actual and counterfactual estimates for the non-agricultural market economy estimates?

- Like figure 1 and table 3 which examine the σ coefficients for PPP and market exchange rates results

- Agriculture a really important part of the story

- Authors understand that differences in manufacturing convergence this paper vs. some other papers particularly have policy implications for industrialization policies

➢ **Where does the list for advanced economies come from?**

Dieppe & Matsuoka vs. Inklaar & Marapin

- β convergence vs. Inklaar & Marapin convergence

- Both are commendable for disaggregating labor productivity

- If each other's data set was used, what would the results look like?

- Both papers are important in identifying reallocation vs. within sector movements

- Both recognize the importance of both within and between sector productivity growth