

Assessing Development Strategies to Achieve the MDGs in the Arab Region

# Plenary Session III: Running MAMS from and Reading Results in EXCEL

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Casablanca, December 2-5, 2008

# The Two MAMS Data Files

- Core data (<app>-data-general.xls)
  - SAM
  - Labor force
    - number of workers, unemployment rates by skill level
  - Elasticities production, consumption, trade, unemployment, TFP
  - Data for the “calibration run”
    - GDP growth
    - TFP
    - Debt evolution
  - Data on depreciation rates
  - Selection of macroeconomic closure rules

# The Two MAMS Data Files – cont.

- MDG data (<app>-data-mdg.xls)
  - Data on MDG (base year and goal)
  - Information on number of students in each educational level
  - Estimates of students behavior
  - Data on MDG-related elasticities
  - Data on scenario of MDG achievement

# The Two MAMS Simulation Files

- Core simulations (<app>-sim-core.xls)
  - Can be used to define non-MDG simulations
    - e.g., increase in world prices of exports
- MDG simulations (<app>-sim-mdg.xls)
  - Can be used to define MDG simulations
    - e.g., targeting of MDG 2 using domestic borrowing
    - e.g., targeting of all MDGs using domestic taxes

# Example (non-mdg) Simulations with MAMS

base	base (business-as-usual)
pwm-2	doubled world import prices
pwe-2	gradual increase to doubled world export prices
trrow-2a	doubled annual growth in RoW transfers to gov + all of gov expands
trrow-2b	doubled annual growth in RoW transfers to gov + gov infra expands

# Running MAMS

- The complete dataset for the MDG version of MAMS is comprised by three files:
  - core data file
  - mdg data file
  - mdg simulation file (<app>-sim-mdg.xls)
- Once the dataset is debugged, no need to know GAMS. However, GAMS should be installed in the computer.
  - MAMS can be run using run-mams.xls
- MAMS generates two EXCEL files with simulation results
  - repmacro.xls
  - repmeso.xls