

Figure 1 displays six plots showing the evolution of macroeconomic variables over 30 periods. The variables are GDP, y_d , L , π , c , and I . Each plot compares a solid black line (representing the model) with a dashed red line (representing the data). The x-axis for all plots is 'Period' from 0 to 30. The y-axes are scaled by 10^{-5} for GDP, y_d , L , and c , and by 10^{-3} for π and I .

- GDP:** The solid black line starts at approximately 0.028, peaks at about 0.06 around period 15, and ends at 0.038. The dashed red line starts at 0.055, dips to 0.03 around period 15, and ends at 0.038.
- y_d :** The solid black line starts at approximately 0.03, peaks at about 0.075 around period 15, and ends at 0.045. The dashed red line starts at 0.07, dips to 0.04 around period 15, and ends at 0.045.
- L :** The solid black line starts at approximately 0.02, peaks at about 0.1 around period 15, and ends at 0.075. The dashed red line starts at 0.1, dips to 0.01 around period 15, and ends at 0.035.
- π :** The solid black line starts at approximately -18, drops to -20 around period 5, and then rises to about 2.5 by period 30. The dashed red line starts at -18, drops to -20 around period 5, and then rises to about 0.5 by period 30.
- c :** The solid black line starts at approximately 0.001, rises steadily to about 0.01 by period 30. The dashed red line starts at 0.01, dips to 0.002 around period 15, and ends at 0.002.
- I :** The solid black line starts at approximately 0, rises steadily to about 0.3 by period 30. The dashed red line starts at 0.05, dips to 0.02 around period 5, and then rises to about 0.15 by period 30.

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