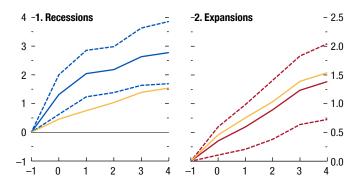
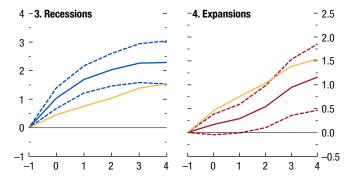
Figure 3.13. Effect of Public Investment Shocks on Output, **Recessions versus Expansions: Robustness Checks** (Percent; years on x-axis)

Recessions as Negative Growth Dummy



Recessions as Low Growth (as Actual) Dummy



Source: IMF staff calculations. Note: t=0 is the year of the shock; dashed lines denote 90 percent confidence bands. Blue lines represent recessions; red lines represent expansions; yellow lines represent the baseline. Shock represents an exogenous 1 percentage point of GDP increase in public investment spending.