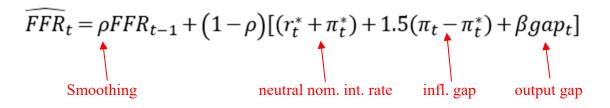
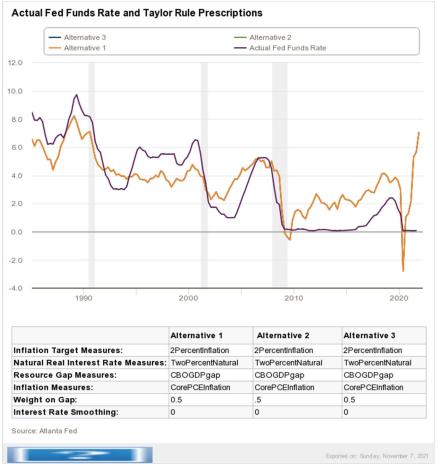
Economics 435 Fall 2021 University of Wisconsin-Madison

Menzie D. Chinn Social Sciences 7418

Taylor Rules



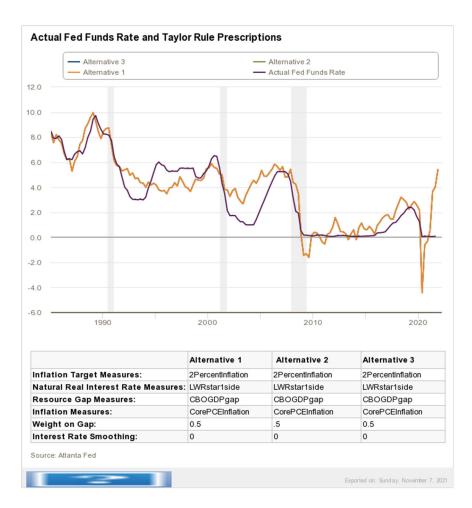
• Set $\rho = 0$, r* =2%, π *=2%, π is Core PCE 4 qtr inflation, gap is CBO output gap



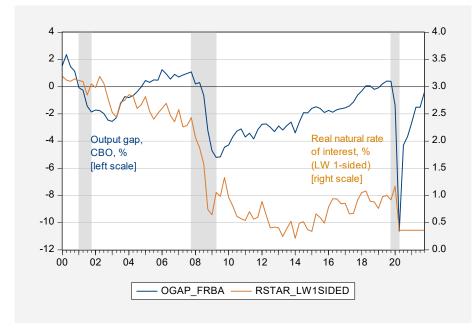
Source: FRB Atlanta, https://www.frbatlanta.org/cqer/research/taylor-rule.aspx?panel=1

A constant natural rate of interest is implausible, so consider following:

• Set $\rho = 0$, $r^* = 1$ sided Laubach-Williams estimate, $\pi^*=2\%$, π is Core PCE 4 qtr inflation, gap is CBO output gap



Here's the evolution of natural (real) rate of interest, as estimated by Laubach and Williams (also output gap from CBO).



E435_taylorrules_f21, 7.11.2021