# The Use of $R^*$ in the Conduct of Policy

#### Michael Woodford

Columbia University

Symposium on *R*\* FRBNY March 28, 2025

## How Might $R^*$ Be Used?

3

イロン 不聞 とくほとう ほとう

#### • $R^*$ as a real-interest-rate target

Image: Image:

æ

#### R\* as a real-interest-rate target

*R*<sup>\*</sup> as the intercept in a Taylor rule

< 47 ▶

э

- R\* as a real-interest-rate target
- *R*<sup>\*</sup> as the intercept in a Taylor rule
- R\* as a shift factor in one equation of a larger structural model, used for policy projections

### Which Kind of $R^*$ Measure?

3 × < 3 ×

Image: A matrix and a matrix

3

• Long-term  $R^*$  or short-term  $R^*$ ?

Image: A matrix

э

• Long-term  $R^*$  or short-term  $R^*$ ?

 Based on unobserved-component model, using Kalman filter (e.g., Laubach-Williams),

or on complete DSGE model (e.g., FRBNY model)?

## Inferring Change in $R^*$ from Type of Shock

COVID shock

Image: A matrix and a matrix

э

## Inferring Change in $R^*$ from Type of Shock

COVID shock

Tariff shock

Image: Image:

э