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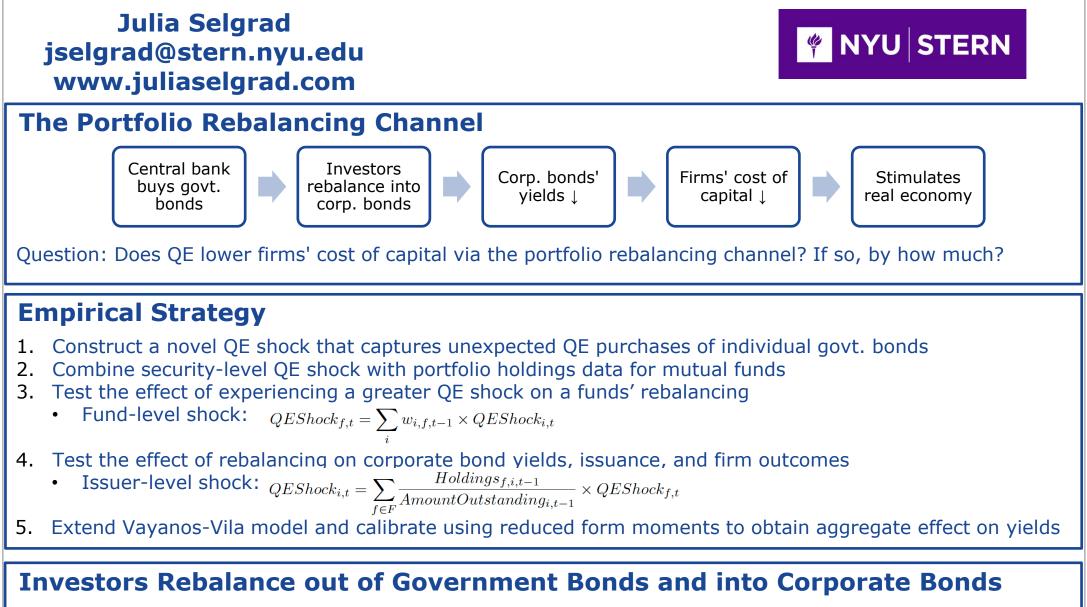
TESTING THE PORTFOLIO REBALANCING CHANNEL OF QUANTITATIVE EASING

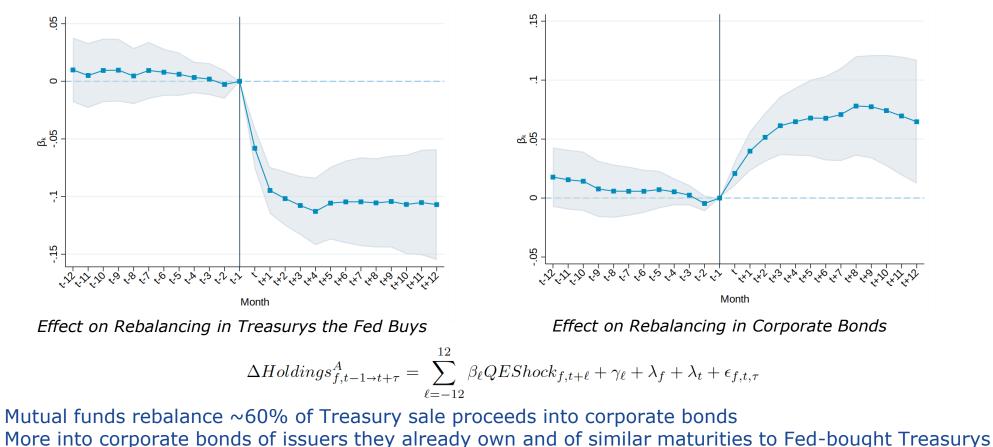


EUROPEAN CENTRAL BANK

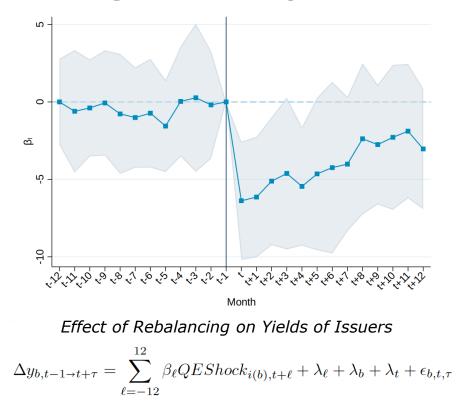
EUROSYSTEM

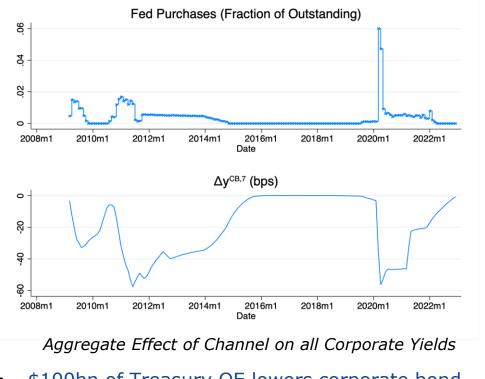
Testing the Portfolio Rebalancing Channel of Quantitative Easing





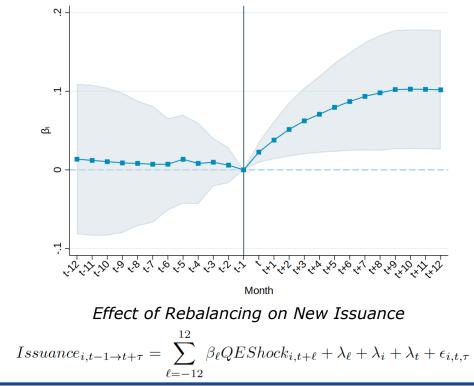
Rebalancing Lowers Corporate Bond Yields





 \$100bn of Treasury QE lowers corporate bond yields by 8bps on impact

Firms Issue More Corporate Bonds and Invest More



	(1)	(2)	(3)	(4)
	CAPX	CAPX & R&D	Cash	Cash & ST Inv.
$QEShock \times 1\{\tau = 4\}$	0.0383^{***}	0.0405^{***}	0.0508^{**}	0.0693^{**}
	(0.012)	(0.013)	(0.019)	(0.027)
R^2	0.337	0.162	0.301	0.332
Ν	185,122	185,122	$185,\!122$	$185,\!122$

Effect of Rebalancing on Firm Outcomes

$$y_{i,t-1 \to t+\tau} = \sum_{\ell=-4}^{4} \beta_{\ell} QEShock_{i,t+\ell} + \lambda_{\ell} + \lambda_{i} + \lambda_{t} + \epsilon_{i,t,\tau}$$

- Firms facing greater rebalancing demand issue more bonds at lower yields
- Firms use the funds raised to increase their cash buffers ($\sim 2/3$) and their investment ($\sim 1/3$)