



Discussion of Dell'Arriccia, Rabanal and Sandri (2018)

Angel Ubide
Head of Economic Research, Global Fixed Income

Brookings Institution, October 17, 2018

Summary of Dell'Arriccia, Rabanal and Sandri (2018)

- Unconventional policies have worked well
 - Effective in affecting financial conditions the desired way
 - Lower interest rates, lower corporate yields, higher stock prices, weaker exchange rate
 - Effective in affecting GDP and inflation, though less confidence in assessment.
- More effective if:
 - Financial distress
 - Central bank can credibly commit to provide accommodation
- Less effective if:
 - Deflationary pressures are entrenched
- Undesired side effects have not materialized
 - Stable inflation, little impact on bank profitability, not much search for yield
 - But political scrutiny has increased
- Unconventional policies should be used again. How?

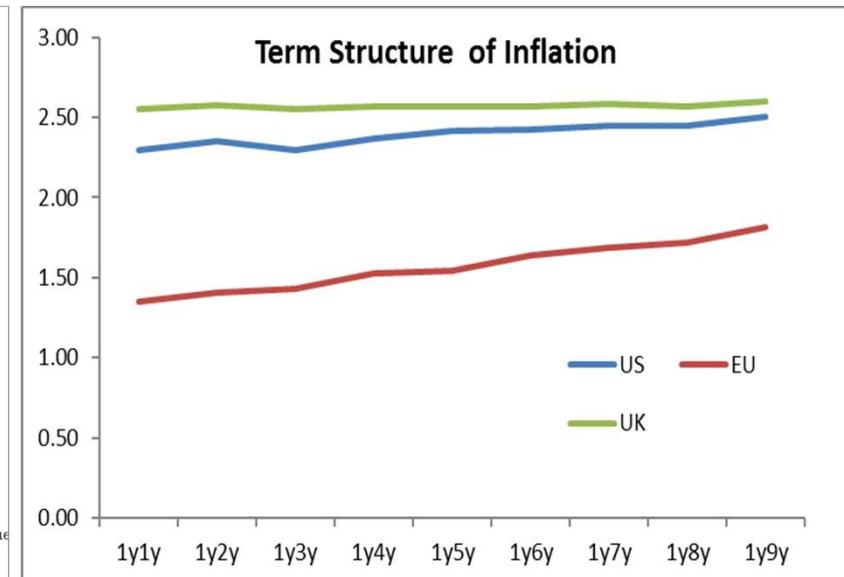
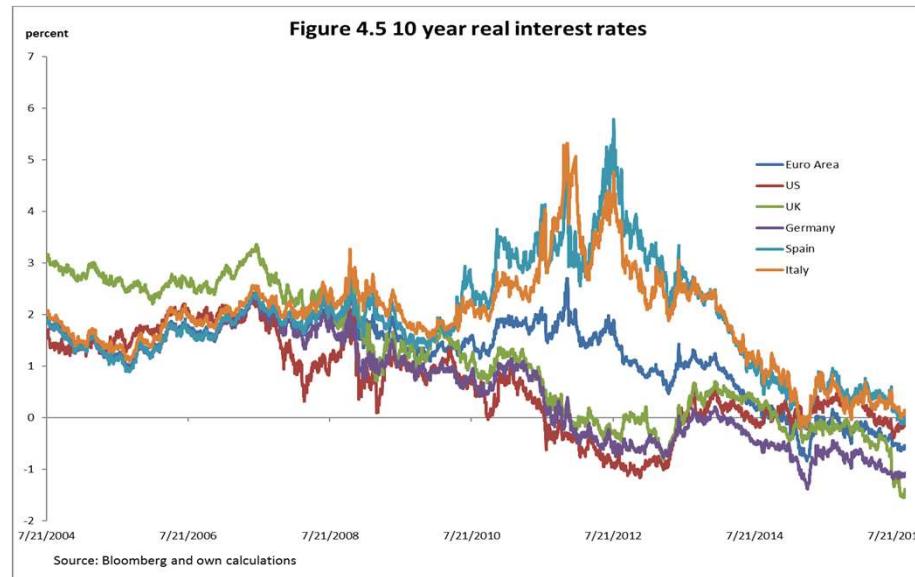
Some Additional Thoughts Based on Ubide (2017)*

- Two phases of ECB policies – active vs passive easing
- The resetting of Abenomics – inflation is an economy policy phenomenon
- How did monetary policy really work? The insurance channel of policy
- How to do it next time. A monetary policy framework for all seasons

* Ubide, Angel, (2017), *The Paradox of Risk*, Peterson Institute for International Economics

ECB: Passive vs Active Easing

- Passive: euro area monetary policy didn't really ease until mid 2012. Avoid tightening. Germany was different.
- Active: QE large and state contingent, but suboptimal – capital key, 33 percent.
- Inflation target still asymmetric – only central bank that hasn't changed framework
- Are inflation expectations anchored at target?



Japan: Inflation Is a ~~monetary~~ monetary policy an Economic Policy Phenomenon

- Resetting of Abenomics -> a modern version of helicopter money
- At EZLB, fiscal policy in the lead, monetary policy explicitly supports
 - Focus on $r < g$ to reduce debt overhang effect
- Explicit inflation overshooting
 - Make monetary policy support permanent -> insurance on the economic outlook
- Income policies to boost wage growth
- Yield Curve Control – when assets run out
 - A success?

Insurance Channel of Monetary Policy

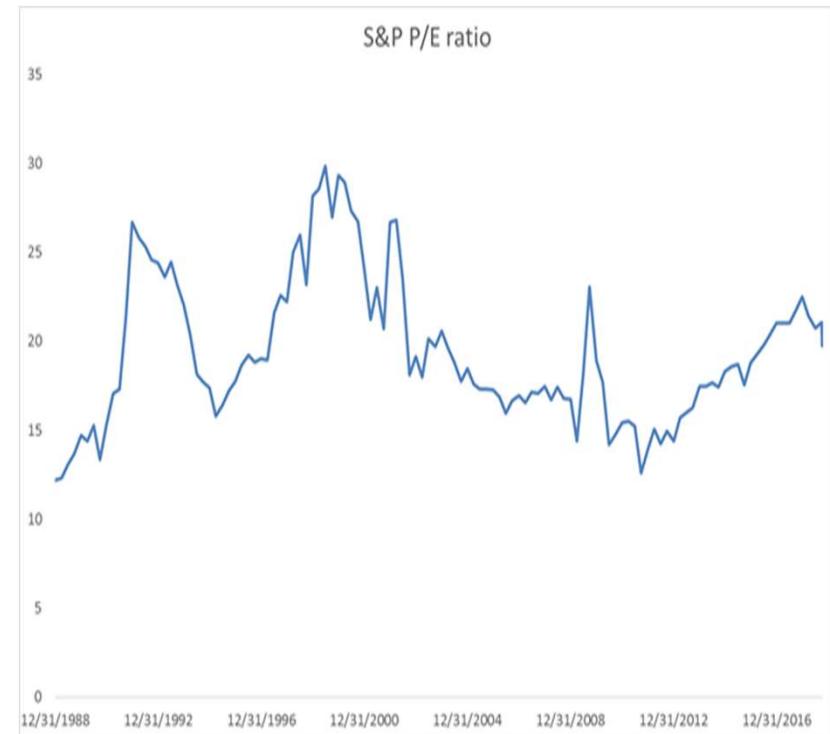
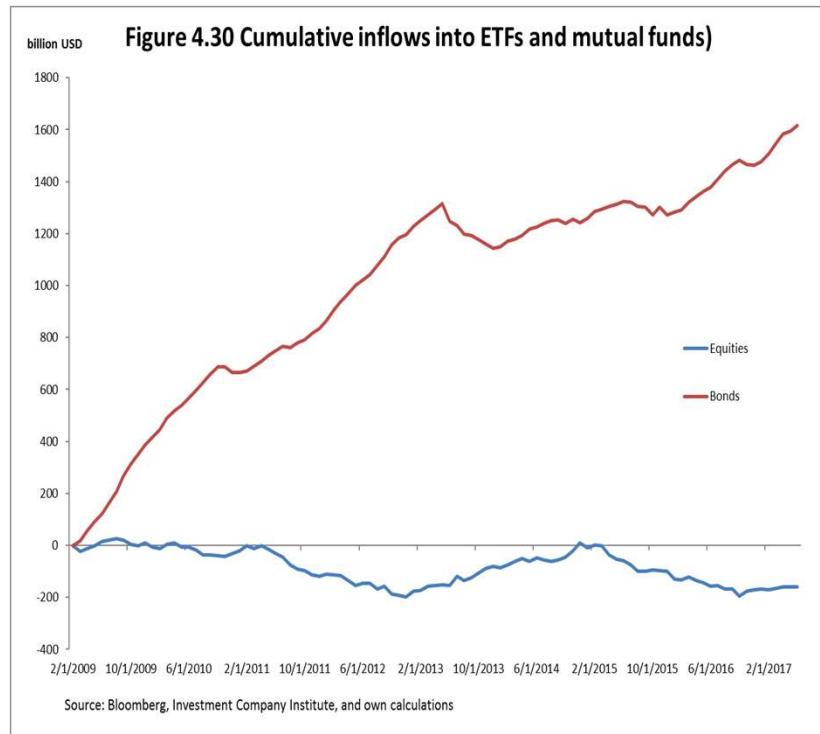
- Monetary policy operates in (y, π) space and in (risk) space. Must close both gaps* -> stabilize (y, π) /risk
- In normal recessions, risk gap irrelevant.
 - Interest rates can credibly close (y, π) gap, economy self-equilibrating
-> markets can price assets and long term investment
- After larger crisis, at EZLB, or in deflation, risk gap dominates.
 - Economic agents don't know if/how QE works, economy may not be self-equilibrating
-> difficult to price assets or make long term investment decisions.
- Solution: provide insurance on economic outlook via strong forward guidance and policy designed to close risk gap**
 - “Whatever it takes” commitment to restore equilibrium
 - Open ended, state contingent policy with explicit forward guidance

* One could think of it as stabilizing the Macro Value at Risk

**Caballero and Simsek (2017) focus on macro prudential policy to address the risk gap

Insurance Channel of Monetary Policy

- Main channel of transmission: risk aversion/taking, not flows



A Monetary Policy Framework for All Seasons

- Opportunistic reflation
 - Increase room to cut real rates – same concept as increasing banks' capital
- Maximize growth subject to price stability
 - Hysteresis + flat PC -> divine coincidence no longer works. Avoid weak demand trap.
 - Don't trust real time Nairu estimates when labor market is in flux
- Keep large balance sheets, be ready to buy all assets
 - Increase capital
- Use cyclically adjusted forward guidance to manage risk taking
 - Adjust degree of explicitness of guidance
- Stop calling it unconventional
 - There is nothing unconventional about buying assets or forward guidance
 - Creates stigma and political attention
 - Creates bias to exit -> policy tighter than optimal

Endnotes

This presentation reflects the analysis and views of Angel Ubide. No recipient should interpret this presentation to represent the general views of Citadel Enterprise Americas LLC and its affiliates (together, “Citadel”)¹, or its personnel. Facts, analysis, and views presented in this presentation have not been reviewed by, and may not reflect information known to, other Citadel professionals.

Assumptions, opinions, views, and estimates constitute Mr. Ubide’s judgment as of the date given and are subject to change without notice and without any duty to update. Citadel is not responsible for any errors or omissions contained in this presentation and accepts no liability whatsoever for any direct or consequential loss arising from your use of this presentation or its contents.

This document and the information it contains may not be disclosed to any persons other than those for whom it is intended, nor should this document or the information it contains be copied, distributed, or redistributed, in whole or in part, without the prior written consent of Citadel.

Nothing in this presentation constitutes investment, legal, accounting, or tax advice.

All trademarks, service marks and logos used in this document are trademarks or service marks or registered trademarks or service marks of Citadel.

¹Citadel’s affiliates currently include Citadel Americas LLC, Citadel Securities Americas LLC, Citadel Canada ULC; Citadel Securities Canada ULC; Citadel Enterprise Europe Limited; Citadel Europe LLP; Citadel Milan Ltd.; Citadel Management (Europe) Limited; Citadel Enterprise Management (Ireland) Limited; Citadel Securities (Europe) Limited; Citadel Enterprise Asia Limited; Citadel Asia Limited; Citadel Overseas Investment Fund Management (Shanghai) Co., Ltd.; Citadel (Shanghai) Trading Company Limited; Citadel Securities Australia Pty Ltd.; and Citadel Securities (Hong Kong) Limited.