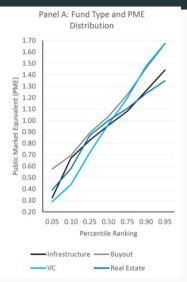
The Subsidy to Infrastructure as an Asset Class

Aleksandar Andonov, Roman Kräussl, Joshua Rauh

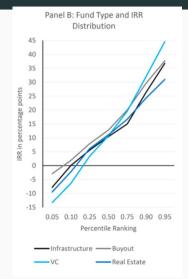
Discussant: Arpit Gupta (NYU Stern)

Jan 31, 2020

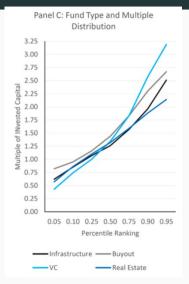
- Infrastructure Funds do not offer marketing benefits of stable cash flows or diversification.
 - Similar fund performance on PME, IRR, Multiples
 - Comparable cash flow profiles
- 2. Public Pensions have Worse Returns Compared to Private Investors.
- Public Pensions Overinvest, and provide a "subsidy" for infrastructure.



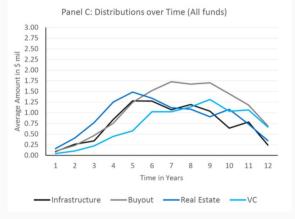
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	%Exited deals		PME	
	(1)	(2)	(3)	(4)
Public Investor	-0.020***		-0.027***	
	[0.007]		[0.010]	
U.S. Public PF		-0.039***		-0.027**
		[0.009]		[0.012]
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Assessment

- Great paper! Sheds light on "Alternative" part of PE Universe (now \sim half).
- Ultimately we all pay if public pensions are underfunded; paper highlights important concerns about Public Pension investment strategy.



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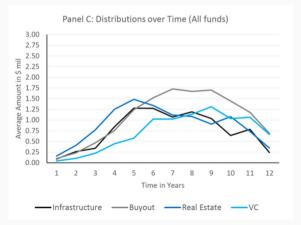
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- 3. Contrast Public Pension Returns Across Categories
- 4. Why do Institutional Investors, and Public Pensions Particularly, do Badly?

1. Paper Shows Infrastructure Fund Distributions Are Similar to Other Categories

Figure 1: Paper



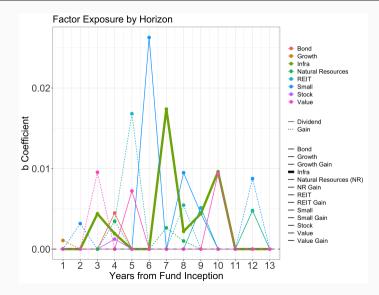
1. I find Similar Results in Preqin

Figure 2: Paper

Figure 3: Replication

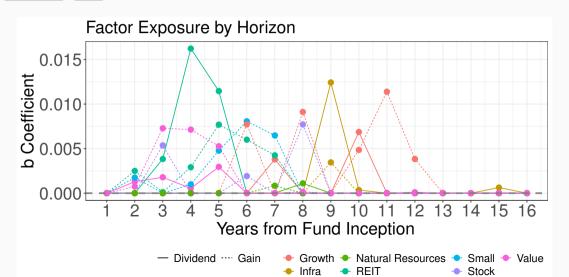


2. Gupta Van Nieuwerburgh (2019) find Infrastructure Funds Have Different Risks

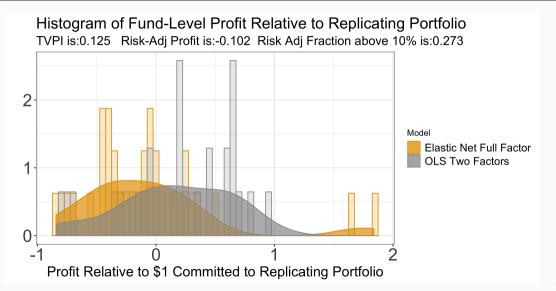


2. Real Estate Funds by Comparison

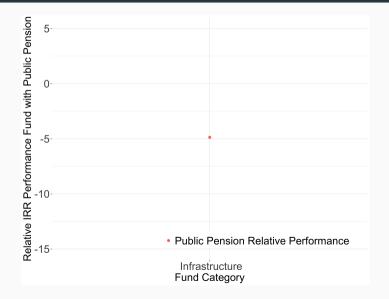
Venture Capital Buyout



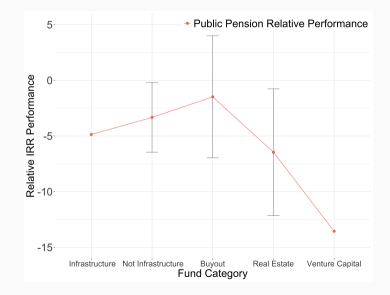
2. However, Risk-Adjustment only Adds to Puzzle of Infra Underperformance



3. Replicating Result that Infra Funds with more Public Pensions Underperform..



3. ... However the Same is True Across Fund Categories



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- So what does account for heavy Public Pension investment in PE?

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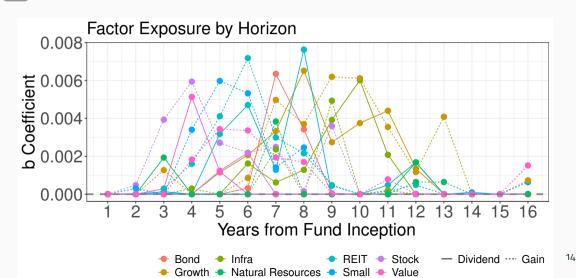
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- If you equate volatility with risk, investors may accept negative expected return in order to not see prices!

- Great paper which sheds light on opaque but important corner of market.
- Raises novel issues about why many institutional investors, particularly public pensions, appear at first glance to be making sub-optimal investment decisions.
- More work to be done to better understand risk-return characteristics of private vehicles, and the institutional frictions that explain why people hold them.

Thanks!

Buyout

Back



Venture Capital



