Motivation

• Convenience yields are high despite

1. **High** Treasury Supply (Krishnamurthy Vissing-Jorgensen 2012) 2. Low Real Rates (Nagel 2016)

• Corporates ownership share of treasuries have been increasing over the last two decades

• Corporate managers are exposed to idiosyncratic risk through performance based pay, increasing safe asset demand.

Abstract

I show the new fact that Idiosyncratic volatility significantly predicts the convenience yield. This fact is poses a puzzle with current safe asset theories. I develop a new theory that reconciles this puzzle - a theory I label Safe Asset Demand. Safe Asset Demand explains 29% of future convenience yield variation and is verified in the cross-section of firm treasury holdings. I show that when managers are exposed to moral hazard, corporate demand will be determined by their idiosyncratic risk. I isolate my demand-based effect from confounders by using exogenous cross-sectional variation from corporate size and industry exposures. The results provide support for the importance of corporates as an investor class.

Theoretical Framework

The manager maximises:

$$U(w, a) = E[1 - e^{-Aw + a^2}],$$

where *A* describes the agents degree of risk aversion, and *a* his effort level. Secondly, let the investment technology available be equal to \sqrt{k} .

In equilibrium

$$R^c \propto \frac{1}{2} A \sigma_i^2,$$

where σ_i is idiosyncratic risk.







• Follows well in the time-series



Exposures of Alfaro (2021)

	Saving, S(t)/A(t-1)			
	OLS (1)	IV		(
		(2)	(3)	
IVol(t-1)	0.09***	1.25**	1.18**	-
	[4.08]	[2.56]	[1.97]	[
Ν	19448	19448	19448	
1st Moment 10IV(t-1)			\checkmark	
Firm FE	\checkmark	\checkmark	\checkmark	
Year FE	\checkmark	\checkmark	\checkmark	
F 1st stage	18.3	18.3	18.3	



(2)