The rise of private markets

The last two decades have seen the growth and consolidation of private markets. These revolve around funds gathered from institutional investors by “alternative asset managers”, typically private equity or venture capital firms that have subsequently expanded into credit. In an environment of light regulation, long investor horizons and low interest rates, the involvement of private market funds in firms’ investment financing and restructuring has grown over time. The interactions of these increasingly important non-bank financial intermediaries with the wider economy and their response to monetary policy have not been fully explored. We find that, despite long investment horizons, private markets are as procyclical as public markets. As for monetary policy, its transmission differs according to the type of private market fund, exerting the strongest effect on private credit funds.

JEL classification: G15, G23, G32.

External financing is increasingly intermediated outside traditional channels. Banks and other institutions active in public capital markets, such as equity and corporate bond mutual funds, remain key financing sources for large and mature corporates. That said, “alternative asset managers” (AAMs) have become pivotal for smaller firms globally, including in emerging market economies (EMEs). Many AAMs were established as private equity firms that later expanded into credit, thus turning themselves into one-stop capital providers for firms less able or willing to access traditional sources.

Private markets have three features that distinguish them from public markets. First, there is limited liquidity transformation because investors commit capital for extended periods. Second, these investors tend to be large and sophisticated entities such as pension funds, whose focus on long-term returns enables target companies to confront significant earnings volatility. Third, the regulation of private market investment vehicles is relatively light, partly reflecting the lesser degree of liquidity mismatches and also the limited presence of retail investors.
Private markets confer important benefits. They provide young and innovative firms with better access to finance, thus supporting long-term economic growth. AAMs also add value by advising entrepreneurs and introducing start-up firms to a wide network of industry contacts. This eases funding constraints, which may arise from a lack of tangible assets to post as collateral or from an inability to shoulder the compliance costs of mandatory disclosures in public markets.

From a policy perspective, some aspects of private market functioning may deserve attention. We find procyclical risk-taking patterns, similar to those seen in public markets and stemming from search for yield and fund leverage. Separately, monetary policy transmission appears weak in some segments, but in private credit it is comparable with that in public markets. Further work on these and related issues would help to ensure that private markets do not become a blind spot for policymakers.

The rest of this special feature is organised as follows. The first section surveys the global growth of private markets, placing it in the context of evolving trends in public markets. The second presents the private market ecosystem. The third explores policy relevant issues, including procyclicality.

The global footprint of private markets

Private markets encompass a varied set of transaction types implemented through specialised funds. Some of these focus on providing equity capital by acquiring a minority stake in small start-up firms with high growth potential (venture capital, VC), or in somewhat more mature firms with good prospects or under restructuring (growth capital, GC). We refer to these collectively as VGC funds. In turn, so-called private equity (PE) funds specialise in mergers and acquisitions (M&A), aiming mainly to acquire controlling stakes in more established (often publicly traded) corporates, with the purpose of improving their value through restructuring for subsequent resale. By contrast, the assets of private credit (PC) funds typically consist of loans to small firms with high credit risk. Finally, there are funds that focus on “real assets”, investing in infrastructure, real estate, commodities and other materials and resources. The box presents an overview of business segments and investment vehicles.
Private markets: a primer

Sirio Aramonte and Fernando Avalos

This box outlines the structural features of private markets. First, it highlights some key details of the main investment vehicles. Second, it reviews leverage sources. Third, it sketches the alignment of incentives between fund managers and investors. Fourth, it reviews the specialisations of the funds through which alternative asset managers (AAMs) provide corporate financing in private markets.

Closed-end funds are the most prevalent investment vehicles in private markets. These funds issue a fixed number of shares that cannot be redeemed before a scheduled wind-down, whose exact timing is decided largely by the fund managers. As such, liquidity transformation is limited in private markets. In many cases, shares rarely trade and are accessible only to large institutional investors. In others, they are listed on exchanges and can be traded by retail investors, which attracts more rigorous regulation. This is the case of US business development companies (BDCs), a vehicle commonly used to channel private loans, which have disclosure requirements similar to those of mutual funds.

There are three sources of leverage in private markets. The first is the often substantial debt of the target companies, taken to fund the asset acquisition and leverage up investment returns. The second is the debt that funds themselves may incur. For instance, BDCs can take debt equal to twice their net assets, compared with half of net assets for US mutual funds. The third comes in the form of “subscription credit lines” (SCLs), loans collateralised by capital that is committed by investors but not yet disbursed. This “dry powder” of the funds is periodically paid in by committed investors at the request of the fund manager, in so-called capital calls. SCLs are used to reduce the frequency of capital calls while retaining investment flexibility.

Alignment of incentives between investors and AAMs is promoted through co-investment. Fund managers are known as “general partners” (GPs). They take all decisions, from capital deployment to winding down the fund. They are also responsible for arranging the financing of the transaction, and undertake all the legal and business due diligence, whose costs and complexity are usually large. Besides receiving fees for portfolio management, GPs also typically co-invest their own capital in the funds they manage. Thus, the investors with no management rights (the “limited partners” or LPs) have some reassurance that the GPs’ incentives are aligned with their own. The funds, however, remain legally separated from the GPs’ balance sheet.

Recently, some large investors have also started to co-invest in specific projects with AAMs without committing capital to funds. These investors could be pension funds or insurance companies, or sometimes large corporations that set up in-house divisions to manage their own portfolio of private assets. Co-investment allows them to share in the returns of private capital investments without incurring the cost of fund management fees. In exchange, they assume a less diversified investment risk.

Broadly speaking, private markets consist of four business segments: private equity, venture capital, private credit and real assets, as presented below.

Private equity (PE), focused mostly on restructuring mature firms, sprung to life in the United States in the 1970s. The main business of PE firms is leveraged buyouts (LBOs), in which they acquire controlling stakes in firms, including listed companies, with the purpose of improving efficiency and raising enterprise value. LBOs belong to the category of mergers and acquisitions, making substantial use of debt in financing deals. In a typical LBO sponsored by a PE fund, a specially created shell company acquires the target company using mostly syndicated loans from banks and institutional investors but also equity from the PE fund. Subsequent issuance of high-yield corporate bonds by the acquired company repays part of the loans. Given the large amounts of debt involved, and the correspondingly high debt service costs, PE funds favour established companies with resilient cash flows and they become involved in managing the target company to facilitate restructuring. More recently, PE funds have also branched out into growth capital investment, taking minority equity stakes in mature firms and betting on their growth, as well as in turnaround majority investment in severely underperforming firms, and mezzanine lending to distressed firms, where the debt is convertible to common stock.
Modern venture capital (VC) traces its roots to the post-war United States. Previously, wealthy families were the main source of equity capital for start-up companies, in a similar way to today’s “angel investors”, who take limited stakes and refrain from day-to-day management. In contrast, VC investors are usually more proactive, partly because target companies have high growth potential but also elevated risks and few assets usable as collateral. Hence, close monitoring is key to investment performance. VC fund managers usually provide business expertise to the management of start-up companies, and further add value by providing access to a wide network of business relationships. Given this expertise, and the possibility of providing funding against little or no collateral, VC firms have traditionally focused on sectors with intangible assets, such as technology. As with private equity, venture capital funds aim to realise gains by selling their stakes to other private market investors in so-called secondary buyouts, or by listing target companies in public stock markets through initial public offerings.

Private credit refers to debt financing extended to small firms with a relatively high default risk. This sector grew as banks recalibrated their business models, partly in pursuit of operational efficiencies. Indeed, banks’ direct involvement in this area is typically limited, even in credit origination. Most linkages between banks and private credit take the form of SCLs. BDCs provide a common entry point for retail investors. These entities hold mainly loans and other debt.2

Finally, a significant share of AAMs’ funds focus on investment in real assets such as infrastructure, real estate, commodities and natural resources. These private funds are also organised as closed-end vehicles aimed at large institutional investors, unlike real estate investment trusts (REITs) that also tend to be closed-end but target retail investors and trade on public stock markets.

The views expressed in this box are those of the authors and do not necessarily reflect those of the BIS.  Also see Aramonte (2020).

The rise of private markets reflects in part structural shifts in financial intermediation that trace their roots to the 1980s. These shifts started in the United States and stemmed from changes in banks’ business practices and the role of public markets.2 Echoing their success in the United States, private markets began to develop in other parts of the world.

Private markets are largest in North America and Europe, and feature a different mix of specialisations in Asia. Of the nearly $10 trillion in global assets under management (AUM) – which compares with an estimated $40 trillion in non-government mutual funds – 56% are domiciled in North America, 24% in Europe and 18% in Asia (Table 1). The relative weight of the various fund specialisations is similar in North America and Europe, with PE and real assets representing about 40% and almost 30%, respectively, in both areas. In Asia, however, VGC encompasses half of the assets and PC is comparatively smaller.

In all jurisdictions, a substantial part of the funds raised are not immediately deployed. So-called “dry powder” represents commitments made by ultimate investors that have not been disbursed, typically because suitable deals have yet to be identified. Dry powder stood at about $3 trillion overall in early 2021 and represented about 40% of PE assets in North America and Europe, and approximately 30% of VGC assets in Asia (Table 1). These large, untapped capital commitments suggest a strong demand for exposure to private market assets.

2 For the transformation of the US banking system, see Berger et al (1995), and references therein. For changes in global banking after the GFC see eg Cerutti and Claessens (2017). For changes in the US stock markets, see Doidge et al (2017).
Private market funds with different specialisations tend to invest in different industries. We focus now on the fund types that are most closely linked to company funding: PE, VGC and PC, setting real assets aside. Given that it often involves highly leveraged transactions, PE has traditionally focused on less cyclical sectors with more resilient cash flows (Borio (1990)). At present, information technology, business services, education and healthcare, and financial services comprise more than half of the global portfolio of these funds, while construction, energy, and resources represent only about a quarter (Graph 1, left-hand panel). By contrast, VGC is heavily tilted towards the more innovative areas of the economy. Information technology is by far the main recipient of VGC financing, accounting for about 40% of the global portfolio. It is followed by education and healthcare, business services and financial services, including fintech, representing almost 30% (centre panel). PC’s industry portfolio is diversified along much the same lines as that of PE, but with a noticeably smaller share of construction and real estate (right-hand panel).

In terms of activity flows, EME private markets have become comparable with the more traditional part of the financial system. Capital invested in EMEs through private markets rose markedly in the mid-2010s, targeting mostly emerging Asia (Graph 2, first panel, solid areas). Investment funds mobilised by private markets to and within EMEs have eclipsed portfolio flows to EME corporate assets (yellow line). Moreover, private investments have matched syndicated lending to EME corporates since the mid-2010s surge (green line), when they also started to approach the volumes of gross foreign direct investment flows (black line).3

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1. Private market funds with a regional focus raise capital both locally and internationally. To the extent that the capital deployed was committed by domestic limited partners, they will not show as FDI. If the funds have been committed by non-residents, there will be some overlap between FDI and private market flows. As portfolio flows are routed through public markets, their overlap with private market flows is less of an issue.
While private equity and credit are generally diversified, VGC targets innovation.

<table>
<thead>
<tr>
<th>In per cent</th>
<th>Graph 1</th>
</tr>
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<tbody>
<tr>
<td>Private equity</td>
<td>Venture and growth capital</td>
</tr>
<tr>
<td>4.2</td>
<td>3.5</td>
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<tr>
<td>5.9</td>
<td>6.1</td>
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<tr>
<td>7.0</td>
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<td>9.5</td>
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<td>9.5</td>
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<td>11.3</td>
<td>17.6</td>
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<td>12.7</td>
<td>18.0</td>
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<tr>
<td>Business services and products</td>
<td>Energy</td>
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<tr>
<td>Construction and real estate</td>
<td>Financial services</td>
</tr>
<tr>
<td>Consumer products and services</td>
<td>Information technology and services</td>
</tr>
<tr>
<td>Education and healthcare</td>
<td>Materials and resources</td>
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</tbody>
</table>

Based on data for 2021 up to 31 October 2021.
Sources: PitchBook Data Inc; authors’ calculations.

The footprint of private funds has become material in many market segments. Overall acquisition activity by global PE funds makes up about a quarter of global M&A volumes (Graph 2, second panel, red bars). This activity is based mainly on leveraged buyouts (LBOs), which have continued to represent about 15% of total global M&A since the Great Financial Crisis (GFC) (blue dots). In turn, the propensity of firms to remain private for longer than in the past, particularly in the United States, has boosted another PE business line – secondary buyouts. These deals consist in the acquisition of a private company, which is sponsored by a private market fund, by yet another private market fund. In recent years, secondary buyouts in the United States have often exceeded the volume of initial public offerings (IPOs), which have long been the main route for early investors who wish to liquidate their stakes (third panel, red bars). The propensity of US companies to stay private is also behind the growth-capital segment of VGC outpacing IPOs for most of the last two decades (blue bars). On the PC side, lending flows to small and risky firms have increased markedly, now amounting to a meaningful fraction of the leveraged loan and high-yield bond issuance by more established firms (fourth panel).

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4 IPOs have traditionally been a way for early investors to exit their investment in private companies. The share of IPOs sponsored by private market funds, mainly PE or VC firms, has risen over time: from 46% during 1990–98 to 80% in 2019–21. This also speaks to the growing importance of private markets in early-stage corporate financing.

5 Growth capital transactions typically target private firms with high growth potential that are mature enough to go public through an IPO. IPOs have stagnated: in 2020, IPO proceeds were about the same as in 1999 in nominal terms, and the number of firms going public was about a fourth (see “IPO Statistics from 2020 and earlier years”, https://site.warrington.ufl.edu/ritter/ipo-data/). As a result, listed companies are now older and more mature (see eg Doidge et al (2017)).
Private markets have become a global force in firm funding and restructuring

Graph 2

EMEs have seen a rapid growth in private funding

Global footprint is sizeable in M&A activity

New US PE financing eclipsed IPOs...

...and US PC to small firms has surged

IPO = initial public offering.

1 The sample includes BR, CL, CN, CO, CZ, HK, HU, ID, IN, KR, MX, MY, PE, PH, PL, RU, SG, TH, TR and ZA.

2 Includes equity and corporate bond net fund flows.

3 Includes investment grade, leveraged and highly leveraged syndicated loans.

Sources: J Ritter, “Initial Public Offerings: Underpricing”, December 2020; IMF; SIFMA; Dealogic; PitchBook Data Inc; authors’ calculations.

Key players in the private market ecosystem

Activity in private markets revolves around institutional investors, which provide nearly all the capital, and AAMs, which intermediate the funds.

The ultimate investors are typically large entities. Pension funds are the dominant players in PE and PC, with a share often exceeding 70% of capital commitments (Graph 3, left-hand panel). By contrast, economic development agencies – usually supranational or governmental entities – take the leading role in VGC. Insurance companies also have a relatively large participation in the safer business segments (PE and PC), while sovereign wealth funds focus more on PE and VGC. Finally, the limited activity of banks and corporations is tilted towards VGC.

Many AAMs grew organically by adding activities to their initial monoline focus. AAMs often trace their roots to private equity and/or venture capital and have used the expertise and relationships developed in these sectors to expand to other sectors, including credit. The overall expansion took place on the back of a relatively light regulatory regime for AAM funds. The main reasons for the light touch are the small involvement of retail investors and the limited degree of liquidity transformation, since private funds tend to be of the closed-end type. Despite commonalities in their evolution, however, the relative weight of credit and equity instruments in asset

6 Regulatory treatments can vary. For instance, certain US investment vehicles accessible to retail investors, known as business development companies, are subject to provisions similar to those applicable to mutual funds.
portfolios varies across the largest AAMs, which manage about 15% of global PE assets (Graph 3, centre panel).

The profitability of AAMs is higher but more volatile than that of banks. AAMs earn steady fees for asset allocation and ancillary services. They also invest their own capital in the funds they manage, thus taking on risk that manifests itself as large year-to-year swings in profitability (Graph 3, right-hand panel). Part of the additional return-on-equity obtained by these firms stems from liquidity risk (which earns a premium of about 3% a year; see Franzoni et al (2012)) and probably also reflects compensation for acquiring information about their target companies. These companies often lack established track records or face stern business or organisational challenges.

Banks have significant exposures to private markets. Besides subscription credit lines to funds (see Box), the main connection stems from PE transactions, particularly LBOs, which are funded largely with leveraged loans. Banks typically coordinate the origination of these loans and finance a share of them, maintaining a meaningful exposure until they ultimately offload most of it.7 Banks’ involvement then becomes indirect, through the credit they provide to entities such as hedge funds that invest in the ultimate buyers of leveraged loans, such as specialty funds and collateralised loan obligations.

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**Key players in private markets**

Graph 3

Pension funds are the largest investors

Some AAMs have branched out into credit

Higher profitability comes with elevated volatility

<table>
<thead>
<tr>
<th>Share in active commitments:</th>
<th>Per cent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pension</td>
<td>EDA</td>
</tr>
<tr>
<td>Insurance companies</td>
<td>SWFs</td>
</tr>
<tr>
<td>Banks &amp; corporations</td>
<td>Others</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Assets under management:</th>
<th>Per cent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private equity</td>
<td>Credit</td>
</tr>
</tbody>
</table>

| EDA = economic development agency; SWFs = sovereign wealth funds; PC = private credit; PE = private equity; VGC = venture and growth capital.  
| Private credit when disclosed separately, overall credit otherwise.  
| Simple average of Apollo Global Management, Ares Management, Blackstone, Carlyle and KKR.  
| Simple average of Bank of America, Citigroup, JPMorgan Chase and Wells Fargo.  
| Sources: Bloomberg; PitchBook Data Inc; company filings; authors’ calculations.

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Private markets, cyclicality and monetary policy

Studies indicate that private markets can benefit economic growth. Investors in these markets have long horizons and can tolerate temporary underperformance, thus helping more innovative firms reach maturity. Even during recessions, firms backed by private equity have better access to funding and can engage in capital investment. And in case of financial distress, AAMs contribute to a swifter resolution.8

Against this backdrop, we gather preliminary evidence on two policy-relevant issues worth exploring: the procyclicality of private markets and their response to monetary policy. The purpose is less to provide definitive answers than to motivate research. The empirical analysis that follows focuses on the United States, where the depth of financial markets allows us to obtain reliable price-based measures of risk profiles for private funds, despite the lack of detailed information on the underlying portfolios.9

While private markets feature final investors with long horizons, they appear every bit as procyclical as public markets. Capital deployment in PE, VGC and PC is positively correlated with stock market returns, ie more transactions are completed in bullish times (Graph 4, upper panels). In fact, the sensitivity of private market investment to stock market returns is almost identical to those of leveraged loans and equity public offerings, suggesting that a common factor drives all of them (lower panels). Academic studies connect increases in certain private market activities, chiefly LBOs, to the lower risk premia that accompany periods of high stock returns. These lower risk premia raise the present value of the future efficiency gains from corporate restructuring. Relatedly, some of these transactions require bridge financing or high-yield bond issuance, which are themselves procyclical.10

More generally, leverage can contribute to procyclicality. Fund managers can support more debt when their net asset value rises, thus expanding their balance sheets. Conversely, when this value falls in a downturn, they may need to cut their holdings in order to keep leverage within acceptable limits. The propensity to take leverage can vary across markets and investment vehicles. For instance, business development companies (BDCs), a type of private credit fund that can be bought by retail investors, can incur debt up to twice their net assets. This limit is substantially higher than for mutual funds, whose debt cannot exceed one half of net assets.


9 This practice is common in academic studies of intermediaries with opaque portfolios (eg Agarwal and Naik (2004)).

10 For the role of the equity premium, see Haddad et al (2017). The fall in the equity risk premium reduces the expected return of common stock, an alternative asset allocation option for AAMs. This increases the relative value of illiquid investments with higher expected returns, such as buyouts. For the role of funding costs, see Axelson et al (2013).
Private and traditional capital markets can be equally procyclical

Stock returns co-move with investment in private equity...

...venture and growth capital...

...and private credit...

... as well as with leveraged loan volumes ...

... and public stock issuance

Sensitivities to stock returns similar across markets

PE = private equity; VGC = venture and growth capital; PC = private credit.

1 The sample includes data for the period Q2 2007–Q2 2021.  
2 Natural logarithm of the quarterly US dollar volume of the financing flows indicated in the panel title, after netting out the effect of the lagged volume, year-on-year returns of the iShares iBoxx $ High Yield Corporate Bond exchange-traded fund, and year-on-year growth in US nominal GDP, based on a regression that also includes the year-on-year return on the S&P 500, displayed in the horizontal axis.  
3 Based on quarterly average of daily prices.  
4 The point estimates represent the slopes of the fitted lines in the corresponding panels of this graph.

Sources: Bloomberg; Dealogic; PitchBook Data Inc; Refinitiv Eikon; national data; authors’ calculations.

The effect of rising net asset values on risk-taking differs starkly between public and private market funds that invest in credit. In public markets, mutual fund managers that outperform their peers in the first half of the year take less risk in the rest of the year (Graph 5, left-hand panel, blue bars). They do so to mitigate the risk of large losses that would reverse the high returns achieved early on. Obtaining relatively high returns in the full calendar year is key for fund managers to maximise future inflows and fee income (Kempf et al (2009)). In private credit, however, the closed-end nature of investment vehicles eliminates flow-related incentives and drives managers to exploit the higher risk-taking capacity that comes on the back of outperformance. That is, rising net asset values beget risk-taking capacity. Consistent with this, BDCs tend to increase their exposure to credit risk after achieving relatively
high returns early in the year, exactly contrary to what mutual funds invested in leveraged loans do (red bars).\textsuperscript{11}

Search for yield characterises private markets, especially PC, on both the investor and manager side. Some of the largest investors, including pension funds, have explicit return targets and are thus attracted by the high coupons that prevail in private credit, exceeding 10% per year. Similarly attractive are rate floors that shield investors from falling rates. On the managers’ side, BDCs appear to search for yield: their returns become more sensitive to changes in credit risk at times of strong market sentiment, i.e. when markets are buoyant and credit spreads compressed. This effect is somewhat stronger than in the case of actively managed mutual funds investing in leveraged loans (Graph 5, centre panel).

\begin{table}[h]
\centering
\begin{tabular}{|c|c|c|}
\hline
BDCs take more risk after relatively high returns… & …and when sentiment is high\textsuperscript{3} & Private credit reacts more than equity to monetary policy\textsuperscript{6} \\
\hline
\multicolumn{3}{|c|}{Graph 5} \\
\hline
BDCs & Bank loan mutual fund & \\
\hline
\end{tabular}
\end{table}

\begin{figure}[h]
\centering
\includegraphics[width=\textwidth]{figure5.png}
\caption{Risk-taking and monetary policy response of private market flows}
\end{figure}

BDC = business-development company.

\textsuperscript{1} Sensitivities of BDC returns to changes in the US high-yield option-adjusted spread, netting out the effect of changes in the two-year US Treasury yields and the term spread (yields on 10-year minus two-year US Treasuries). The sample covers the period 2010–19. The coefficients have been multiplied by –1 to simplify interpretation. \textsuperscript{2} Low/medium/high correspond to the terciles in the distribution of the returns realised in the first half of each year across all the entities in the relevant sample. \textsuperscript{3} Includes 41 BDCs domiciled in the United States. \textsuperscript{4} Includes 70 bank loan mutual funds domiciled in the United States. \textsuperscript{5} The diamonds show the extra risk taken by BDCs and bank loan mutual funds when sentiment is high (top tercile). Extra risk is measured as the increase in the sensitivity of BDC returns to changes in the high-yield option-adjusted spreads. \textsuperscript{6} Responses extracted from a vector autoregression including log dollar quarterly volume of each type of financing flow and a monetary policy indicator, corresponding to the yields of the three-year US Treasury note for forward guidance, and the 10-year US Treasury note for quantitative easing. Impulse responses computed as in Gertler and Karadi (2015). Event studies from Cieslak and Schrimpf (2019). Quarterly sample covers the period Q1 2005–Q4 2017. Bootstrapped confidence intervals, 100 samples. \textsuperscript{*} Standard deviation of the natural logarithm of the quarterly dollar volume of the respective financing flows.

Sources: Bloomberg; Dealogic; PitchBook Data Inc; Refinitiv Eikon; authors’ calculations.

\textsuperscript{11} BDCs can fine-tune their risk exposure in several ways. While they invest mainly in loans, which are very illiquid, they also hold other securities, such as preferred stocks, that can be traded more easily. In addition, some BDCs disclose that they can use derivatives to hedge credit risk.
Monetary policy affects the real economy partly through credit availability. Thus, given the growing role of private markets as a financing source, it is useful to gauge how sensitive their activities might be to monetary policy surprises. We compute the cumulative response, within a year, of private financing flows to unexpected changes in forward guidance (FG) and quantitative easing (QE), two key post-GFC monetary policy tools (Graph 5, right-hand panel). The responses appear to vary across funds with different specialisations. Funds focused on equity investments (PE and VGC) show minimal reaction to FG and QE news. On the other hand, PC funds appear more sensitive to both measures of policy surprises, on a par with the response of leveraged loans.

Conclusions

Private markets have become an important financing channel for the real economy, especially in North America and Europe. They also appear significant in EMEs, where their yearly transactions compare in volume with banks’ syndicated loans. In Asia, the dominant private market activity is venture and growth capital, which tends to be most geared to fostering innovation. Private capital is typically deployed through closed-end funds with long-term commitments, thus limiting liquidity transformation. For the most part, this insulates fund managers from short-term pressures, facilitating investment in innovative companies or mature companies in need of restructuring. An investor base of highly sophisticated and professional investors, together with the limited liquidity mismatches, adds to the resilience of this type of funding.

In this feature we focus on two traditional issues that concern policymakers: procyclicality and the response of financing flows to monetary policy. We find that private market activities seem to exhibit relatively high procyclicality in risk-taking. This is possibly linked to leverage and search for yield, despite the long horizons of investors. Furthermore, the effectiveness of monetary policy appears to vary according to the type of fund, with funds specialised in equity investments showing minimal response, but those involved in private credit reacting more strongly. These are preliminary answers that invite further research, not least to monitor possible emerging vulnerabilities in this growing corner of the financial markets.

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12 We do not include reactions to unexpected changes in policy rates because they were few over the sample period we study.
References


