



Portfolio traders turn to tech

A new generation of strategies

Chris Bruner, head of US credit product at Tradeweb, explores the products that can help managers express portfolio views and how they can maximise the benefits they can reap by evaluating and understanding the price, risk and relative value of each trading option

Active investment managers are leveraging an expanding catalogue of products to take a view on credit risk – from custom baskets to indexes and exchange-traded funds (ETFs). These are playing a growing role in helping managers express portfolio views, and are increasingly valuable alpha generators and diversification plays.

To make the most of these strategies, managers need to understand the dynamic relationship between credit portfolio valuations and the prices of individual underlying securities. Ideally, they need to evaluate the price, risk and relative value of each trading option in real time and throughout the trade process.

“Credit market participants are becoming more innovative in the way they express views on credit, using custom baskets and portfolio trades rather than simply buying and selling bonds,” says Chris Bruner, head of US credit at Tradeweb. “These types of strategies are referencing an ever-expanding universe of underlyings.”

To trade effectively, investment managers must assess relative prices both pre- and post-trade – a particular challenge in less liquid markets. In the high-yield space, for example, very few prices are available in real time. In fact, only around 10% of outstanding bonds are sufficiently liquid to guarantee a reasonably reliable price. In addition, unlike in the rates space, there are no bootstrapping algorithms to inform the process – bonds are simply too variable.

To be certain, some market participants have made efforts to help managers create customised baskets to serve their needs – ETF issuers, for example, have expanded their lists of accepted securities on basket trades. However, portfolio managers still need to work closely with their banks and the marketplace to complete trades and ensure tracking is as accurate as possible. That is also in the interest of issuers, which routinely use tools such as baskets to manage indexing.

As growing numbers of managers seek to express portfolio views, some are taking the next step, looking to optimise exposures by getting as close as possible to real-time net asset value pricing. This in turn helps them identify the most promising and accurate ways to add or reduce exposure.

“The key to making sophisticated decisions is excellent pricing information,” says Bruner. “If investors understand the risk and true cost of the transaction, they put themselves in the best possible position to create value.”

As managers embrace alternative strategies, many are building internal frameworks to standardise protocols for live trading. To get there, they are leveraging a variety of pricing sources, including liquidity scores and electronic execution platforms. In addition, some are turning to tools such as Tradeweb’s Automatic Intelligent Price (AI-Price). AI-Price assembles a broad range of pricing and liquidity indicators, from Trade Reporting and Compliance Engine-reported prices to credit default swap curves, swaps and data from retail platforms.



It combines these with its internal domain expertise and machine learning applications to produce a single price estimate that updates every 30 seconds. That price is then road-tested on the Tradeweb platform.

Armed with the most accurate possible prices, portfolio managers can more confidently run trade cost analysis and generate forensic views of portfolio and liquidity risk. This in turn informs which strategy to employ based on the situation.

“More and more, we are seeing our customers leverage advanced pricing tools to guide their execution decisions at the security and basket level,” says Bruner.

With advanced pricing, investment managers are becoming more confident in running basket and portfolio trades. The result is that a new generation of strategies is entering the mainstream, in turn creating a more liquid and dynamic credit marketplace.

Chris Bruner

A managing director and head of US credit product at Tradeweb Markets, Chris Bruner is focused on advancing the development of the cash and derivatives trading platform, and building the firm’s leading position in the global credit markets. Prior to that, Bruner was a managing director at Citadel Securities, heading the algorithmic credit trading business. Earlier, he managed the FX Quantitative Advisory and Development group at UBS Investment Bank, where he was instrumental in the development of electronic foreign exchange and derivatives markets. Bruner holds a BSc. from Massachusetts Institute of Technology.

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