



## **Credit Analytics Product and Functional Coverage**

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## Product Coverage

Base Type	Variants and Details
Bonds	<ul style="list-style-type: none"> <li>• Bullet               <ul style="list-style-type: none"> <li>○ Fixed Coupon</li> <li>○ Floating Rate</li> <li>○ Capped Coupon floor and ceiling</li> </ul> </li> <li>• Amortizing Bonds               <ul style="list-style-type: none"> <li>○ Bonds with sinking funds</li> <li>○ Deterministic coupon and notional schedules</li> <li>○ Schedules specified as pay down or outstanding</li> <li>○ Accreting and capitalizing bonds</li> <li>○ Step up and Step down coupon schedules</li> </ul> </li> <li>• Bonds with embedded schedules               <ul style="list-style-type: none"> <li>○ European Call or Put Schedules</li> <li>○ Bermudan/American Call/Put Schedules</li> <li>○ Concurrent and overlapping Calls and Puts</li> <li>○ Fix to float on exercise</li> </ul> </li> <li>• Differing coupon, redemption, and trade/quote currencies</li> <li>• Custom bonds               <ul style="list-style-type: none"> <li>○ Custom coupon and notional schedules (pay down or outstanding)</li> <li>○ Custom coupon period generation functionality</li> <li>○ Custom quoting/settlement parameters</li> <li>○ Custom rates/credit/currency/fixing parameters</li> <li>○ Custom embedded option schedules (concurrent put/call, fix to float, American exercise dates etc)</li> </ul> </li> <li>• TSY marked bonds – linkable to more than one treasury benchmark</li> </ul>

<p>Credit Default Swap (CDS)</p>	<ul style="list-style-type: none"> <li>• Varying contract details <ul style="list-style-type: none"> <li>○ Vanilla fixed coupon CDS</li> <li>○ Amortizing notional CDS</li> <li>○ Fixed recovery CDS</li> </ul> </li> <li>• Standardized CDS varieties <ul style="list-style-type: none"> <li>○ ISDA style, with variants for NA SNAC, EU standard CDS, EM's STEM contract</li> <li>○ Standard 100 bps/500 bps with upfront quotes</li> <li>○ Support for old style pure running CDS</li> </ul> </li> <li>• Custom CDS <ul style="list-style-type: none"> <li>○ Notional/recovery schedule</li> <li>○ Highly flexible period generation and settlement rules</li> </ul> </li> </ul>
<p>Credit Default Swap Index (CDX)</p>	<ul style="list-style-type: none"> <li>• Supports all the standard CDX indices traded, including CDX NA variants (on-the run and off the runs varieties), and iTRAXX EUR series, different versions and tenors <ul style="list-style-type: none"> <li>○ CDX NA – IG, HY, HY.B, HY.BB, HVOL, XO, EM</li> <li>○ LCDX, SovX, Trac-X, LevX, TRACERS (Check CDX Coverage for the comprehensive list)</li> <li>○ ITRAXX EUR – IG, HY, HVOL, XO, NON_FIN, FIN_SNR, FIN_SUB</li> </ul> </li> <li>• Custom CDS baskets <ul style="list-style-type: none"> <li>○ Customizable components and their weights</li> <li>○ Customizable outstanding notional and coupon schedules, as well as component amortization schedules</li> </ul> </li> </ul>
<p>Bond Basket</p>	<ul style="list-style-type: none"> <li>• Support for the standard iShares ETF</li> <li>• Support for the creation of customizable bond baskets <ul style="list-style-type: none"> <li>○ Customizable components and their weights</li> <li>○ Customizable outstanding notional and coupon schedules, as well as component amortization schedules</li> </ul> </li> </ul>

## Fixed Income Analytics Coverage

Category	Details
Holiday	<ul style="list-style-type: none"><li>▪ Support for holiday schedules of 126 jurisdictions</li></ul>
Day Count Conventions	<ul style="list-style-type: none"><li>▪ Supports 30+ day count conventions – all the main DCC</li></ul>
Date Adjustment and Roll	<ul style="list-style-type: none"><li>▪ Supports 7 different date adjustment/date roll conventions</li></ul>
Date generation	<ul style="list-style-type: none"><li>▪ Generation of the standard IR product schedules (Cash/EDF/IRS/treasury) and credit products (CDS/CDX/bond) in accordance with typical generation rules (e.g., IMM)</li><li>▪ Forward/backward generation with customizable period pay/accrual/reset dates</li></ul>

## Calculated Analytical Measures Coverage

As a general note, product generates three versions of every measure – the base (of non-prefixed) version, the “Fair” of theoretical version, and the “market” version. Further, if the market version is available, the base defaults to that version; otherwise, it defaults to the “fair” version.

Exact measure names are given in the columns below – these names are to be used exactly as listed when querying for a given measure for any purpose (including measure based calibration).

Product	Measure
Bond	<ul style="list-style-type: none"> <li>• ASW, AssetSwapSpread, FairASW, FairAssetSwapSpread, MarketASW, MarketAssetSwapSpread, MarketASW, MarketAssetSwapSpread</li> <li>• Accrued01, FairAccrued01, MarketAccrued01</li> <li>• BondBasis, FairBondBasis, MarketBondBasis</li> <li>• CleanDV01, FairCleanDV01, MarketCleanDV01</li> <li>• CleanPV, FairCleanPV, MarketCleanPV</li> <li>• CleanPrice, FairCleanPrice, MarketCleanPrice</li> <li>• Convexity, FairConvexity, MarketConvexity</li> <li>• CreditBasis, FairCreditBasis, MarketCreditBasis</li> <li>• CreditRisklessParPV, FairCreditRisklessParPV, MarketCreditRisklessParPV</li> <li>• CreditRisklessPrincipalPV, FairCreditRisklessPrincipalPV, MarketCreditRisklessPrincipalPV</li> <li>• CreditRiskyParPV, FairCreditRiskyParPV, MarketCreditRiskyParPV</li> <li>• CreditRiskyPrincipalPV, FairCreditRiskyPrincipalPV,</li> </ul>

	<p>MarketCreditRiskyPrincipalPV</p> <ul style="list-style-type: none"> <li>• DV01, FairDV01, MarketDV01</li> <li>• DefaultExposure, FairDefaultExposure, MarketDefaultExposure</li> <li>• DefaultExposureNoRec, FairDefaultExposureNoRec, MarketDefaultExposureNoRec</li> <li>• DirtyDV01, FairDirtyDV01, MarketDirtyDV01</li> <li>• DirtyPV, FairDirtyPV, MarketDirtyPV</li> <li>• DirtyPrice, FairDirtyPrice, MarketDirtyPrice</li> <li>• Duration, FairDuration, MarketDuration</li> <li>• ExpectedRecovery, FairExpectedRecovery, MarketExpectedRecovery</li> <li>• FirstCouponDate, FairFirstCouponRate, MarketFirstCouponRate</li> <li>• FirstIndexRate, FairFirstIndexRate, MarketFirstIndexRate</li> <li>• GSpread, FairGSpread, MarketGSpread</li> <li>• ISpread, FairISpread, MarketISpread</li> <li>• LossOnInstantaneousDefault, FairLossOnInstantaneousDefault, MarketLossOnInstantaneousDefault</li> <li>• PV, FairPV, MarketPV</li> <li>• ParPV, FairParPV, MarketParPV</li> <li>• ParSpread, FairParSpread, MarketParSpread</li> <li>• Price, FairPrice, MarketPrice</li> <li>• PrincipalPV, FairPrincipalPV, MarketPrincipalPV</li> <li>• RecoveryPV, FairRecoveryPV, MarketRecoveryPV</li> <li>• RisklessCleanCouponPV, FairRisklessCleanCouponPV, MarketRisklessCleanCouponPV</li> <li>• RisklessCleanDV01, FairRisklessCleanDV01, MarketRisklessCleanDV01</li> <li>• RisklessCleanPV, FairRisklessCleanPV, MarketRisklessCleanPV</li> <li>• RiskyCleanCouponPV, FairRiskyCleanCouponPV, MarketRiskyCleanCouponPV</li> <li>• RiskyCleanDV01, FairRiskyCleanDV01, MarketRiskyCleanDV01</li> </ul>
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	<ul style="list-style-type: none"> <li>• RiskyCleanPV, FairRiskyCleanPV, MarketRiskyCleanPV</li> <li>• RisklessDirtyCouponPV, FairRisklessDirtyCouponPV, MarketRisklessDirtyCouponPV</li> <li>• RisklessDirtyDV01, FairRisklessDirtyDV01, MarketRisklessDirtyDV01</li> <li>• RisklessDirtyPV, FairRisklessDirtyPV, MarketRisklessDirtyPV</li> <li>• RiskyDirtyCouponPV, FairRiskyDirtyCouponPV, MarketRiskyDirtyCouponPV</li> <li>• RiskyDirtyDV01, FairRiskyDirtyDV01, MarketRiskyDirtyDV01</li> <li>• RiskyDirtyPV, FairRiskyDirtyPV, MarketRiskyDirtyPV</li> <li>• TSYSspread, FairTSYSspread, MarketTSYSspread</li> <li>• WorkoutDate, FairWorkoutDate, MarketWorkoutDate</li> <li>• WorkoutFactor, FairWorkoutFactor, MarketWorkoutFactor</li> <li>• WorkoutType, FairWorkoutType, MarketWorkoutType</li> <li>• WorkoutYield, FairWorkoutYield, MarketWorkoutYield</li> <li>• Yield, FairYield, MarketYield</li> <li>• ZSpread, FairZSpread, MarketZSpread</li> <li>• MarktInputType=???</li> </ul>
Bond Basket	<ul style="list-style-type: none"> <li>▪ Accrued</li> <li>▪ Accrued 01</li> <li>▪ Calculation Time</li> <li>▪ Clean DV01</li> <li>▪ Clean Price</li> <li>▪ Clean Price Default Free</li> <li>▪ Clean PV</li> <li>▪ Clean PV Default Free</li> <li>▪ Convexity</li> <li>▪ Coupon PV</li> <li>▪ Dirty DV01</li> <li>▪ Dirty Price</li> <li>▪ Dirty Price Default Free</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Dirty PV</li> <li>▪ Dirty PV Default Free</li> <li>▪ Duration</li> <li>▪ DV01</li> <li>▪ Expected Recovery</li> <li>▪ Fair Clean DV01</li> <li>▪ Fair Clean Price</li> <li>▪ Fair Clean Price Default Free</li> <li>▪ Fair Clean PV</li> <li>▪ Fair Clean PV Default Free</li> <li>▪ Fair Credit Yield Basis</li> <li>▪ Fair Dirty DV01</li> <li>▪ Fair Dirty Price</li> <li>▪ Fair Dirty Price Default Free</li> <li>▪ Fair Dirty PV</li> <li>▪ Fair Dirty PV Default Free</li> <li>▪ Fair G Spread</li> <li>▪ Fair I Spread</li> <li>▪ Fair Notional PV</li> <li>▪ Fair Par Coupon</li> <li>▪ Fair Price</li> <li>▪ Fair Price Default Free</li> <li>▪ Fair PV</li> <li>▪ Fair Spread over Treasury benchmark</li> <li>▪ Fair Upfront</li> <li>▪ Fair Yield To Maturity</li> <li>▪ Fair Yield To Maturity Default Free</li> <li>▪ Fair Yield To Maturity Default Free Duration</li> <li>▪ Fair Yield To Worst</li> <li>▪ Fair Yield To Worst Date</li> <li>▪ Fair Yield To Worst Default Free</li> </ul>
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	<ul style="list-style-type: none"> <li>▪ Fair Yield To Worst Default Free Convexity</li> <li>▪ Fair Yield To Worst Default Free Date</li> <li>▪ Fair Yield To Worst Default Free Duration</li> <li>▪ Fair Yield To Worst Default Free Factor</li> <li>▪ Fair Yield To Worst Convexity</li> <li>▪ Fair Yield To Worst Duration</li> <li>▪ Fair Yield To Worst Factor</li> <li>▪ Fair Z Spread</li> <li>▪ First Coupon Index</li> <li>▪ First Index Rate</li> <li>▪ G Spread</li> <li>▪ I Spread</li> <li>▪ Market Credit Yield Basis</li> <li>▪ Market Clean Price</li> <li>▪ Market Dirty Price</li> <li>▪ Market Price</li> <li>▪ Market Price Default Free</li> <li>▪ Market Yield to Maturity</li> <li>▪ Market Yield To Maturity Convexity</li> <li>▪ Market Yield To Maturity Duration</li> <li>▪ Market Yield To Worst</li> <li>▪ Market Yield To Worst Convexity</li> <li>▪ Market Yield To Worst Date</li> <li>▪ Market Yield To Worst Duration</li> <li>▪ Market Yield To Worst Factor</li> <li>▪ Market I Spread</li> <li>▪ Market G Spread</li> <li>▪ Market Z Spread</li> <li>▪ Principal PV</li> <li>▪ Recovery PV</li> <li>▪ Spread over Treasury benchmark</li> </ul>
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	<ul style="list-style-type: none"> <li>▪ Yield to Maturity</li> <li>▪ Yield To Maturity Convexity</li> <li>▪ Yield To Maturity Duration</li> <li>▪ Yield To Worst</li> <li>▪ Yield To Worst Convexity</li> <li>▪ Yield To Worst Date</li> <li>▪ Yield To Worst Duration</li> <li>▪ Yield To Worst Factor</li> <li>▪ Z Spread</li> </ul>
CDS	<ul style="list-style-type: none"> <li>▪ Accrued, Fair Accrued, Market Accrued</li> <li>▪ Accrued 01, Fair Accrued 01, Market Accrued 01</li> <li>▪ Clean DV01, Fair Clean DV01, Market Clean DV01</li> <li>▪ Clean Price, Fair Clean Price, Market Clean Price</li> <li>▪ Clean PV, Fair Clean PV, Market Clean PV</li> <li>▪ Dirty PV, Fair Dirty PV, Market Dirty PV</li> <li>▪ DV01, Fair DV01, Market DV01</li> <li>▪ Expected Loss, Fair Expected Loss, Market Expected Loss</li> <li>▪ Expected Loss No Recovery, Fair Expected Loss No Recovery, Market Expected Loss No Recovery</li> <li>▪ Loss on Instantaneous Default, Fair Loss on Instantaneous Default, Market Loss on Instantaneous Default</li> <li>▪ Loss PV, Fair Loss PV, Market Loss PV</li> <li>▪ Par Spread, Fair Par Spread, Market Par Spread</li> <li>▪ Premium PV, Fair Premium PV, Market Premium PV</li> <li>▪ Price, Fair Price, Market Price</li> <li>▪ PV, Fair PV, Market PV</li> <li>▪ Upfront, Fair Upfront, Market Upfront</li> </ul>
CDX	<ul style="list-style-type: none"> <li>▪ Accrued</li> <li>▪ Accrued 01</li> <li>▪ Calculation Time</li> <li>▪ Clean DV01</li> </ul>

	<ul style="list-style-type: none"><li>▪ Clean Price</li><li>▪ Clean PV</li><li>▪ Dirty PV</li><li>▪ DV01</li><li>▪ Expected Loss</li><li>▪ Fair Premium</li><li>▪ Loss PV</li><li>▪ Premium PV</li><li>▪ Price</li><li>▪ PV</li><li>▪ Upfront</li></ul>
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## Calculated Risk Measures Coverage

Product	Measure
Bond	<ul style="list-style-type: none"> <li>▪ Bond G Spread PV 01</li> <li>▪ Bond I Spread PV 01</li> <li>▪ Bond Price Bumped PV 01</li> <li>▪ Bond Yield Bumped PV 01</li> <li>▪ Bond TSY Spread PV 01</li> <li>▪ Bond Z Spread PV 01</li> <li>▪ Parallel Bumped Credit PV 01</li> <li>▪ Parallel Bumped Credit PV Gamma</li> <li>▪ Parallel Bumped IR PV 01</li> <li>▪ Parallel Bumped IR PV Gamma</li> <li>▪ Parallel Bumped Recovery Rate PV 01</li> <li>▪ Parallel Bumped RR PV Gamma</li> <li>▪ Parallel 10% Credit Spread Widening PV Change</li> <li>▪ Tenor Bumped Credit PV 01</li> <li>▪ Tenor Bumped Credit PV Gamma (Same Node)</li> <li>▪ Tenor Bumped IR PV 01</li> <li>▪ Tenor Bumped IR PV Gamma (Same Node)</li> <li>▪ Tenor Bumped Recovery Rate PV 01</li> <li>▪ Tenor Bumped RR PV Gamma (Same Node)</li> <li>▪ FX Spot PV 01 (as applicable)</li> </ul>
Bond Basket	<ul style="list-style-type: none"> <li>▪ Flat G Spread PV 01</li> <li>▪ Flat I Spread PV 01</li> <li>▪ Flat Price Bumped PV 01</li> <li>▪ Flat Yield Bumped PV 01</li> <li>▪ Flat TSY Spread PV 01</li> <li>▪ Flat Z Spread PV 01</li> <li>▪ Flat Parallel Bumped Credit PV 01</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Flat Parallel Bumped Credit PV Gamma</li> <li>▪ Flat Parallel Bumped IR PV 01</li> <li>▪ Flat Parallel Bumped IR PV Gamma</li> <li>▪ Flat Parallel Bumped Recovery Rate PV 01</li> <li>▪ Flat Parallel Bumped RR PV Gamma</li> <li>▪ Flat Parallel 10% Credit Spread Widening PV Change</li> <li>▪ Component Bond G Spread PV 01</li> <li>▪ Component Bond I Spread PV 01</li> <li>▪ Component Bond Price Bumped PV 01</li> <li>▪ Component Bond Yield Bumped PV 01</li> <li>▪ Component Bond TSY Spread PV 01</li> <li>▪ Component Bond Z Spread PV 01</li> <li>▪ Component Parallel Bumped Credit PV 01</li> <li>▪ Component Parallel Bumped Credit PV Gamma</li> <li>▪ Component Parallel Bumped IR PV 01</li> <li>▪ Component Parallel Bumped IR PV Gamma</li> <li>▪ Component Parallel Bumped Recovery Rate PV 01</li> <li>▪ Component Parallel Bumped RR PV Gamma</li> <li>▪ Component Parallel 10% Credit Spread Widen</li> <li>▪ Flat Tenor Bumped Credit PV 01</li> <li>▪ Flat Tenor Bumped Credit PV Gamma (Same Node)</li> <li>▪ Flat Tenor Bumped IR PV 01</li> <li>▪ Flat Tenor Bumped IR PV Gamma (Same Node)</li> <li>▪ Flat Tenor Bumped Recovery Rate PV 01</li> <li>▪ Flat Tenor Bumped RR PV Gamma (Same Node)</li> <li>▪ Component Tenor Bumped Credit PV 01</li> <li>▪ Component Tenor Bumped Credit PV Gamma (Same Node)</li> <li>▪ Component Tenor Bumped IR PV 01</li> <li>▪ Component Tenor Bumped IR PV Gamma (Same Node)</li> <li>▪ Component Tenor Bumped Recovery Rate PV 01</li> <li>▪ Component Tenor Bumped RR PV Gamma (Same Node)</li> </ul>
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	<ul style="list-style-type: none"> <li>▪ FX Spot PV 01 (as applicable)</li> </ul>
CDS	<ul style="list-style-type: none"> <li>▪ Parallel Bumped Credit Fair Premium 01</li> <li>▪ Parallel Bumped Credit Fair Premium Gamma</li> <li>▪ Parallel Bumped Credit PV 01</li> <li>▪ Parallel Bumped Credit PV Gamma</li> <li>▪ Parallel Bumped Credit Upfront 01</li> <li>▪ Parallel Bumped Credit Upfront Gamma</li> <li>▪ Parallel Bumped IR Fair Premium 01</li> <li>▪ Parallel Bumped IR Fair Premium Gamma</li> <li>▪ Parallel Bumped IR PV 01</li> <li>▪ Parallel Bumped IR PV Gamma</li> <li>▪ Parallel Bumped IR Upfront 01</li> <li>▪ Parallel Bumped IR Upfront Gamma</li> <li>▪ Parallel Bumped Recovery Rate Fair Premium 01</li> <li>▪ Parallel Bumped Recovery Rate Fair Premium Gamma</li> <li>▪ Parallel Bumped Recovery Rate PV 01</li> <li>▪ Parallel Bumped Recovery Rate PV Gamma</li> <li>▪ Parallel Bumped Recovery Rate Upfront 01</li> <li>▪ Parallel Bumped Recovery Rate Upfront Gamma</li> <li>▪ Parallel 10% Credit Spread Widening PV Change</li> <li>▪ Tenor Bumped Credit Fair Premium 01</li> <li>▪ Tenor Bumped Credit Fair Premium Gamma (Same Node)</li> <li>▪ Tenor Bumped Credit PV 01</li> <li>▪ Tenor Bumped Credit PV Gamma (Same Node)</li> <li>▪ Tenor Bumped Credit Upfront 01</li> <li>▪ Tenor Bumped Credit Upfront Gamma (Same Node)</li> <li>▪ Tenor Bumped IR Fair Premium 01</li> <li>▪ Tenor Bumped IR Fair Premium Gamma (Same Node)</li> <li>▪ Tenor Bumped IR PV 01</li> <li>▪ Tenor Bumped IR PV Gamma (Same Node)</li> <li>▪ Tenor Bumped IR Upfront 01</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Tenor Bumped IR Upfront Gamma (Same Node)</li> <li>▪ Tenor Bumped Recovery Rate Fair Premium 01</li> <li>▪ Tenor Bumped Recovery Rate Fair Premium Gamma (Same Node)</li> <li>▪ Tenor Bumped Recovery Rate PV 01</li> <li>▪ Tenor Bumped Recovery Rate PV Gamma (Same Node)</li> <li>▪ Tenor Bumped Recovery Rate Upfront 01</li> <li>▪ Tenor Bumped Recovery Rate Upfront Gamma (Same Node)</li> </ul>
CDX	<ul style="list-style-type: none"> <li>▪ Flat Parallel Bumped Credit Fair Premium 01</li> <li>▪ Flat Parallel Bumped Credit Fair Premium Gamma</li> <li>▪ Flat Parallel Bumped Credit PV 01</li> <li>▪ Flat Parallel Bumped Credit PV Gamma</li> <li>▪ Flat Parallel Bumped Credit Upfront 01</li> <li>▪ Flat Parallel Bumped Credit Upfront Gamma</li> <li>▪ Flat Parallel Bumped IR Fair Premium 01</li> <li>▪ Flat Parallel Bumped IR Fair Premium Gamma</li> <li>▪ Flat Parallel Bumped IR PV 01</li> <li>▪ Flat Parallel Bumped IR PV Gamma</li> <li>▪ Flat Parallel Bumped IR Upfront 01</li> <li>▪ Flat Parallel Bumped IR Upfront Gamma</li> <li>▪ Flat Parallel Bumped Recovery Rate Fair Premium 01</li> <li>▪ Flat Parallel Bumped Recovery Rate Fair Premium Gamma</li> <li>▪ Flat Parallel Bumped Recovery Rate PV 01</li> <li>▪ Flat Parallel Bumped Recovery Rate PV Gamma</li> <li>▪ Flat Parallel Bumped Recovery Rate Upfront 01</li> <li>▪ Flat Parallel Bumped Recovery Rate Upfront Gamma</li> <li>▪ Flat Parallel 10% Credit Spread Widening PV Change</li> <li>▪ Component Parallel Bumped Credit Fair Premium 01</li> <li>▪ Component Parallel Bumped Credit Fair Premium Gamma</li> <li>▪ Component Parallel Bumped Credit PV 01</li> <li>▪ Component Parallel Bumped Credit PV Gamma</li> <li>▪ Component Parallel Bumped Credit Upfront 01</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Component Parallel Bumped Credit Upfront Gamma</li> <li>▪ Component Parallel Bumped IR Fair Premium 01</li> <li>▪ Component Parallel Bumped IR Fair Premium Gamma</li> <li>▪ Component Parallel Bumped IR PV 01</li> <li>▪ Component Parallel Bumped IR PV Gamma</li> <li>▪ Component Parallel Bumped IR Upfront 01</li> <li>▪ Component Parallel Bumped IR Upfront Gamma</li> <li>▪ Component Parallel Bumped Recovery Rate Fair Premium 01</li> <li>▪ Component Parallel Bumped Recovery Rate Fair Premium Gamma</li> <li>▪ Component Parallel Bumped Recovery Rate PV 01</li> <li>▪ Component Parallel Bumped Recovery Rate PV Gamma</li> <li>▪ Component Parallel Bumped Recovery Rate Upfront 01</li> <li>▪ Component Parallel Bumped Recovery Rate Upfront Gamma</li> <li>▪ Component Parallel 10% Credit Spread Widening PV Change</li> <li>▪ Flat Tenor Bumped Credit Fair Premium 01</li> <li>▪ Flat Tenor Bumped Credit Fair Premium Gamma (Same Node)</li> <li>▪ Flat Tenor Bumped Credit PV 01</li> <li>▪ Flat Tenor Bumped Credit PV Gamma (Same Node)</li> <li>▪ Flat Tenor Bumped Credit Upfront 01</li> <li>▪ Flat Tenor Bumped Credit Upfront Gamma (Same Node)</li> <li>▪ Flat Tenor Bumped IR Fair Premium 01</li> <li>▪ Flat Tenor Bumped IR Fair Premium Gamma (Same Node)</li> <li>▪ Flat Tenor Bumped IR PV 01</li> <li>▪ Flat Tenor Bumped IR PV Gamma (Same Node)</li> <li>▪ Flat Tenor Bumped IR Upfront 01</li> <li>▪ Flat Tenor Bumped IR Upfront Gamma (Same Node)</li> <li>▪ Flat Tenor Bumped Recovery Rate Fair Premium 01</li> <li>▪ Flat Tenor Bumped Recovery Rate Fair Premium Gamma (Same Node)</li> <li>▪ Flat Tenor Bumped Recovery Rate PV 01</li> <li>▪ Flat Tenor Bumped Recovery Rate PV Gamma (Same Node)</li> <li>▪ Flat Tenor Bumped Recovery Rate Upfront 01</li> </ul>
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	<ul style="list-style-type: none"> <li>▪ Flat Tenor Bumped Recovery Rate Upfront Gamma (Same Node)</li> <li>▪ Component Tenor Bumped Credit Fair Premium 01</li> <li>▪ Component Tenor Bumped Credit Fair Premium Gamma (Same Node)</li> <li>▪ Component Tenor Bumped Credit PV 01</li> <li>▪ Component Tenor Bumped Credit PV Gamma (Same Node)</li> <li>▪ Component Tenor Bumped Credit Upfront 01</li> <li>▪ Component Tenor Bumped Credit Upfront Gamma (Same Node)</li> <li>▪ Component Tenor Bumped IR Fair Premium 01</li> <li>▪ Component Tenor Bumped IR Fair Premium Gamma (Same Node)</li> <li>▪ Component Tenor Bumped IR PV 01</li> <li>▪ Component Tenor Bumped IR PV Gamma (Same Node)</li> <li>▪ Component Tenor Bumped IR Upfront 01</li> <li>▪ Component Tenor Bumped IR Upfront Gamma (Same Node)</li> <li>▪ Component Tenor Bumped Recovery Rate Fair Premium 01</li> <li>▪ Component Tenor Bumped Recovery Rate Fair Premium Gamma (Same Node)</li> <li>▪ Component Tenor Bumped Recovery Rate PV 01</li> <li>▪ Component Tenor Bumped Recovery Rate PV Gamma (Same Node)</li> <li>▪ Component Tenor Bumped Recovery Rate Upfront 01</li> <li>▪ Component Tenor Bumped Recovery Rate Upfront Gamma (Same Node)</li> </ul>
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