FINCAD®
Analytics Suite | 2010

IR – INTEREST RATE DERIVATIVES

NEW COVERAGE

CREDIT EXPOSURE

Includes coverage for vanilla and amortizing swaps, fixed rate bonds and arbitrary cashflows. Outputs include maximum peak exposure and effective expected exposure.

CREDIT VALUE ADJUSTMENT (CVA)

The CVA can be calculated for a portfolio of vanilla and amortizing swaps. CVA for both parties to the deal is available along with the risk free fair value.

DUAL RANGE ACCRUAL

Price an Interest Rate – FX Range Accrual. The deal can be amortizing, be callable and/or putable. Both the interest rate and the FX ranges are monitored. Cash flows can be outputted.

TRIGGER SWAPS – PERIODIC & PERMANENT

Either the entire swap or only the single payment period can knock out when a predetermined condition is breached. Swap can be amortizing and/or have a varying trigger condition.

ENHANCED SWAP CURVES

Create a swap curve using your choice of deposits, futures, FRAs, and/or swaps. Allows you to enter basis spreads and include turn pressure.

NEW WORKBOOKS

Overnight Index Swap (OIS) Swap Portfolio Workbook

Volatility Cube Workbook

Amortizing Swap Workbook–CVA Enhancements

Trigger Swap Workbook

Advanced and vanilla interest rate coverage – includes CMS spreads, dual range accruals, snowballs and PRDCs. Uses interest rate models for exotic Interest Rate products and hybrids such as multi-factor term structure, LIBOR Market Model (LMM) and SABR.

INTEREST RATE DERIVATIVES	
• TARN notes & swaps (call/put)	• CMS spread notes & swaps
• Snowball notes & swaps (call/put)	• CMS spread TARN notes & swaps
• Snowblade swaps (call/put)	• CMS TARN swaps
• Snowrange notes (call/put)	• CMS TARNS
• Cross currency swaps, swaptions	• Trigger (knock-out) swaps
• Quanto swaps & swaptions	• Dual Range Accrual
INTEREST RATE / FX	
• Power Reverse Dual Currency (PRDC) note	
• PRDC Targeted Redemption note	
• Dual Range Accrual	
SWAPS & SWAPTIONS	
• Vanilla / amortizing	• OIS / EONIA
• Percentage of LIBOR	• Basis
• In-arrears	• Zero coupon
CAPS / FLOORS	
• Vanilla	• User-defined
• Averaging	• CMS spread
• Digital	
OPTION STYLES	
• American	• European
• Bermudan	
MODELS	
• Hull-White short rate (2-factor)	• SABR
• LIBOR Market Model (BGM)	
UTILITIES	
• Volatility bootstrapping	• Credit Exposure
• Credit Value Adjustment (CVA)