Capital Markets Indicative Data

TP Asia Pacific Emerging Markets Interest Rate Options

Background

TP APAC EM IRO Package – a reliable market data feed for a comprehensive view of the APAC EM interest rate options market.

An IRO package carrying the full suite of IRO pricing for APAC EM IROs based on desk observations from the TP EM IRO Singapore desk.

IRO Instruments Available per currency
ATM Swaptions
OTM Swaptions (Skews) with +/-400* bps out
ATM Cap/Floors (Straddles)
OTM Cap/Floors (Skews) • Spot Start Cap/Floors with absolute strikes from -1.0 up to 10.00* • Forward Starting Cap/Floors with relative strikes from 100 out up to 1000* out
Wedges

Key Benefits

- **Observable, Indicative Rates:** independent and reliable prices so that traders can execute with confidence whilst risk managers can monitor, identify, measure, analyse and mitigate market risk with reliable inputs.
- **Comprehensive coverage:** Over 5,300 records (20,100+ Bloomberg tickers) available per currency covering volatility surfaces, premiums and strikes for all instrument types. Swaption skews are +/- 400bps* out, so that clients have access to pricing even for illiquid out-of-the-money tenors.
- **Broad Analytics Coverage:** Analytic fields supported include Spot and Forward Premiums, Forward Strikes, Lognormal Volatility, Normal Volatility (both annualised and daily), so that traders can choose the best view/strategy suitable for their trading style.
- **Flexible frequencies:** Available in different frequencies:
  - Real time
  - Snapshot
  - End of Day

Parameta solutions provides unbiased, OTC market information and data products. Creating transparency, insights and opportunity for our clients.

Coverage

		APAC Region										
	Instrument Types	CNH	CNY	HKD	IDR	INR	KRW	MYR	PHP	SGD	THB*	TWD*
Swaptions	ATM Swaptions	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	OTM Swaptions, Collars and Strangles (Spt Start)	✓		✓		✓	✓	✓		✓		✓
	Wedges			✓		✓	✓	✓		✓		
Caps/Floors	ATM & OTM Caps/Floors (Spt Start)			✓		✓	✓	✓		✓		
	ATM & OTM Caps/Floors (Fwd Start)			✓		✓	✓	✓		✓		
	OTM Caps/Floors (Spt Start)											
	OTM Caps/Floors (Fwd Start)			✓		✓	✓	✓		✓		

*includes both deliverable and non-deliverable markets

*Surface matrix and skewness varies per currency

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Coverage

TP APAC EM IRO Sample Volatility Surface Coverage – ND KRW

KRW ND ATM Swaptions

		Swap Period													
		1yr	2yr	3yr	4yr	5yr	6yr	7yr	8yr	9yr	10yr	12yr	15yr	20yr	30yr
Option Expiry	1m	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2m	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	3m	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	6m	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	9m	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	18m	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	3yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	4yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	5yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	6yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	7yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	8yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	9yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	10yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	15yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	20yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

ATM Swaptions	
Available Fields	ATM (Forward) Strike
	Spot Premium (mid/bid/ask)
	Forward Premium (bid/ask)
	Normal Volatility -annualised (bid/ask)
	Normal Volatility - daily (bid/ask)
	Lognormal Volatility (bid/ask)

ND KRW Skews +/- 25, 50,75,100, 150, 200,300,400* Basis Points

		Swap Period												
		1yr	2yr	3yr	4yr	5yr	6yr	7yr	8yr	9yr	10yr	12yr	15yr	20yr
Option Expiry	1m	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	3m	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	6m	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	9m	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	18m	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	3yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	4yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	5yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	6yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	7yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	8yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	9yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	10yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	12yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	15yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	20yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Swaption Skews	
Available Fields	Spot Premium (mid)
	Forward Premium (mid)
	Normal Volatility -annualised (mid)
	Normal Volatility - daily (mid)
	Lognormal Volatility (mid)
	*+/-300 and +/-400 bps skews available only via direct delivery

Coverage

ND KRW Cap/Floor Strikes (Absolute Strikes)																					
	ATM Strike	-1.00	-0.75	-0.50	-0.25	0.00	0.25	0.75	1.00	1.50	2.00	2.50	3.00	3.50	4.00	5.00	6.00	7.00	8.00	9.00	10.00
1yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20yr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

ATM Cap/Floor Straddle & Skews	
Available Fields	
ATM C/F Straddle	C/F Straddle Skews
ATM C/F Straddle Strike	Spot Premium (mid)
Forward Premium (mid)	Normal Volatility -annualised (mid)
ATM C/F Straddle Spot Premium	Normal Volatility - daily (mid)
ATM C/F Straddle Normal Volatility (annualised)	Lognormal Volatility (mid)
ATM C/F Straddle Normal Volatility (daily)	Cap Skews - Spot Premium
ATM C/F Straddle Lognormal Volatility	Floor Skews - Spot Premium

ND KRW Cap/Floor Strikes (Relative from ATM)						
Floors: -100o~-25o /Caps:+25o~+1000o						
		CFS Term				
		1yr	2yr	3yr	4yr	5yr
Forward Term	1yr	✓	✓	✓	✓	✓
	2yr	✓	✓	✓	✓	✓
	3yr	✓	✓	✓	✓	✓
	4yr	✓	✓	✓	✓	✓
	5yr	✓	✓	✓	✓	✓
	7yr	✓	✓	✓	✓	✓
	8yr	✓	✓	✓	✓	✓
	9yr	✓	✓	✓	✓	✓
	10yr	✓	✓	✓	✓	✓

Forward Start Cap/Floor	
Available Fields	Forward ATM C/F Straddle
	Spot Premium (mid)
	Normal Volatility -annualised (mid)
	Normal Volatility -annualised (bid/ask)
	Normal Volatility - daily (bid/ask)
	Lognormal Volatility (mid)

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Coverage

Forward Term	CFS Term	CFS Wedge Record	ATM Swaption		Swaption Record	Wedge
1yr	1yr	1X2	1yr	1yr	1X1	✓
2yr	1yr	2X3	2yr	1yr	2X1	✓
3yr	1yr	3X4	3yr	1yr	3X1	✓
4yr	1yr	4X5	4yr	1yr	4X1	✓
5yr	1yr	5X6	5yr	1yr	5X1	✓
2yr	2yr	2X4	2yr	2yr	2X2	✓
2yr	3yr	2X5	2yr	3yr	2X3	✓
5yr	2yr	5X7	5yr	2yr	5X2	✓
5yr	3yr	5X8	5yr	3yr	5X3	✓
5yr	5yr	5X9	5yr	5yr	5X5	✓

Wedges	
Available Fields	
Fwd CFS	ATM Swaption
ATM Strike	ATM strike
Spot Premiums	Spot Premiums
	Wedge

Get in touch

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