

Synthèse CVA-DVA - Sensi FX-IR

29 Septembre 2017

Synthèse CVA - DVA

	CVA	DVA
TOTAL FX	-211,807	65,113
EURCZK	-1,177	-
EURGBP	-	-
EURUSD	-208,928	65,073
USDBRL	-1,653	0
USDMXN	-50	40
TOTAL IR	-	101,071.58

Floor 0.50% embarqué dans un financement (Cf Rapport de Valorisation IR)

Markit Series SY	Start Date	Maturity Date	CDS premium	Default probability	Recovery	Years
24	21.09.2015	20.12.2020	147.734	7.74%	40%	5.00

Markit Series	Start Date	Maturity Date	CDS premium	Default probability	Recovery
		20.06.2017			
22	22.09.2014	20.12.2017	34.13	0.13%	40%
23	20.03.2015	20.06.2018	30.0294	0.37%	40%
24	21.09.2015	20.12.2018	69.398	1.43%	40%
25	21.03.2016	20.06.2019	90.3254	2.60%	40%
26	20.09.2016	20.12.2019	115.3465	4.24%	40%

	1Y	2Y	1Y	2Y	
BNP	14.68	18.96	0.30%	0.71%	40.00%
CA	9.06	13.51	0.19%	0.51%	40.00%
LCL	9.06	13.51	0.19%	0.51%	40.00%
CIC	4.52	9.60	0.09%	0.36%	40.00%
BECM	4.52	9.60	0.09%	0.36%	40.00%
CIC SO	4.52	9.60	0.09%	0.36%	40.00%
HSBC	7.61	11.72	0.16%	0.44%	40.00%
NATIXIS	15.69	20.62	0.32%	0.77%	40.00%
NOMURA	12.73	18.42	0.24%	0.64%	40.00%
WU	17.83	27.65	0.37%	1.03%	40.00%
SG	11.69	17.66	0.24%	0.66%	40.00%
DB	33.51	45.63	0.69%	1.70%	40.00%
GS	22.43	29.39	0.46%	1.10%	40.00%

Variation FX +5%

Hedge Reference	Notional	Counternotional	Valuation			Valuation + 5 %			Variation + 5 %		
			EUR			EUR			EUR		
			Fair Value	Intrinsic Value	Time Value	Fair Value	Intrinsic Value	Time Value	Fair Value	Intrinsic Value	Time Value
2017	-6,000,000.00	161,124,000.00	203,886.57	203,886.57	-	-93,247.34	-93,247.34	-	-297,133.91	-297,133.91	-
2018	-4,000,000.00	106,260,000.00	93,218.76	93,218.76	-	-102,412.94	-102,412.94	-	-195,631.70	-195,631.70	-
EURCZK	-10,000,000.00	267,384,000.00	297,105.32	297,105.32	-	-195,660.28	-195,660.28	-	-492,765.61	-492,765.61	-
2017	65,160,549.26	-75,000,000.00	2,198,698.63	1,953,685.62	245,013.01	4,752,848.10	3,562,516.33	1,190,331.77	2,554,149.47	1,608,830.71	945,318.76
2018	302,861,763.91	-350,000,000.00	13,802,405.40	10,577,206.07	3,225,199.33	27,237,874.47	22,135,245.92	5,102,628.55	13,435,469.07	11,558,039.86	1,877,429.22
2019	281,495,615.23	-324,000,000.00	17,440,326.29	16,675,138.32	765,187.97	29,238,135.92	28,389,364.32	848,771.60	11,797,809.64	11,714,226.01	83,583.63
EURUSD	649,517,928.40	-749,000,000.00	33,441,430.32	29,206,030.01	4,235,400.31	61,228,858.50	54,087,126.58	7,141,731.92	27,787,428.18	24,881,096.57	2,906,331.61
2017	-1,200,000.00	4,440,000.00	162,076.34	162,076.94	-0.60	95,415.07	94,762.16	652.91	-66,661.28	-67,314.79	653.51
USDBRL	-1,200,000.00	4,440,000.00	162,076.34	162,076.94	-0.60	95,415.07	94,762.16	652.91	-66,661.28	-67,314.79	653.51
2017	-2,000,000.00	35,000,000.00	-22,381.01	-	-22,381.01	-35,639.23	-7,601.90	-28,037.33	-13,258.22	-7,601.90	-5,656.32
USDMXN	-2,000,000.00	35,000,000.00	-22,381.01	-	-22,381.01	-35,639.23	-7,601.90	-28,037.33	-13,258.22	-7,601.90	-5,656.32
			33,878,230.97	29,665,212.27	4,213,018.70	61,092,974.05	53,978,626.55	7,114,347.49	27,214,743.08	24,313,414.28	2,901,328.79

Variation FX -5%

Hedge Reference	Notional	Counternotional	Valuation			Valuation - 5 %			Variation - 5 %		
			EUR			EUR			EUR		
			Fair Value	Intrinsic Value	Time Value	Fair Value	Intrinsic Value	Time Value	Fair Value	Intrinsic Value	Time Value
2017	-6,000,000.00	161,124,000.00	203,886.57	203,886.57	-	528,057.19	528,057.19	-	324,170.62	324,170.62	-
2018	-4,000,000.00	106,260,000.00	93,218.76	93,218.76	-	306,231.38	306,231.38	-	213,012.63	213,012.63	-
EURCZK	-10,000,000.00	267,384,000.00	297,105.32	297,105.32	-	834,288.58	834,288.58	-	537,183.25	537,183.25	-
2017	65,160,549.26	-75,000,000.00	2,198,698.63	1,953,685.62	245,013.01	573,081.71	516,826.47	56,255.23	-1,625,616.92	-1,436,859.15	-188,757.77
2018	302,861,763.91	-350,000,000.00	13,802,405.40	10,577,206.07	3,225,199.33	1,902,274.41	300,222.96	1,602,051.45	-11,900,130.99	-10,276,983.11	-1,623,147.89
2019	281,495,615.23	-324,000,000.00	17,440,326.29	16,675,138.32	765,187.97	5,053,818.67	4,386,001.63	667,817.04	-12,386,507.62	-12,289,136.69	-97,370.93
EURUSD	649,517,928.40	-749,000,000.00	33,441,430.32	29,206,030.01	4,235,400.31	7,529,174.78	5,203,051.06	2,326,123.72	-25,912,255.53	-24,002,978.95	-1,909,276.59
2017	-1,200,000.00	4,440,000.00	162,076.34	162,076.94	-0.60	225,631.69	225,631.69	-0.00	63,555.35	63,554.75	0.60
USDBRL	-1,200,000.00	4,440,000.00	162,076.34	162,076.94	-0.60	225,631.69	225,631.69	-0.00	63,555.35	63,554.75	0.60
2017	-2,000,000.00	35,000,000.00	-22,381.01	-	-22,381.01	8,598.99	5,513.38	3,085.61	30,980.00	5,513.38	25,466.62
USDMXN	-2,000,000.00	35,000,000.00	-22,381.01	-	-22,381.01	8,598.99	5,513.38	3,085.61	30,980.00	5,513.38	25,466.62
			33,878,230.97	29,665,212.27	4,213,018.70	8,597,694.04	6,268,484.70	2,329,209.33	-25,280,536.94	-23,396,727.57	-1,883,809.37

Variation IR -100bp / +100bp

Strategy ID	Trade ID	Counterparty	Trade	Effective	Maturity	Trade Type	Strike	Index	Initial Notional	Outstanding Notional	Valuation							
											EUR							
											Fair Value *	Intrinsic Value	Time Value	Fair Value **	Accrued Interests			
6-D	16	Pool	17-Sep-15	17-Sep-15	30-Sep-20	SELL Floor	0.5000%	Euribor3m	EUR	97,784,572.18	EUR	-103,764,100.94	2.10%	-2,176,390.64	-2,017,969.74	-158,420.91	-2,173,999.04	-2,391.61
												-103,764,100.94		-2,176,390.64	-2,017,969.74	-158,420.91	-2,173,999.04	-2,391.61
TOTAL											-103,764,100.94		-2,176,390.64	-2,017,969.74	-158,420.91	-2,173,999.04	-2,391.61	

Valuation +100bp					
EUR					
Fair Value *	Intrinsic Value	Time Value	Fair Value **	Accrued Interests	
0.32%	-327,568.79	-217,636.34	-109,932.45	-325,177.19	-2,391.61
	-327,568.79	-217,636.34	-109,932.45	-325,177.19	-2,391.61
	-327,568.79	-217,636.34	-109,932.45	-325,177.19	-2,391.61

Variation +100bp				
EUR				
Fair Value *	Intrinsic Value	Time Value	Fair Value **	Accrued Interests
1,848,821.85	1,800,333.40	48,488.45	1,848,821.85	-
1,848,821.85	1,800,333.40	48,488.45	1,848,821.85	-
1,848,821.85	1,800,333.40	48,488.45	1,848,821.85	-

Valuation -100bp					
EUR					
Fair Value *	Intrinsic Value	Time Value	Fair Value **	Accrued Interests	
4.79%	-4,968,690.84	-4,961,504.36	-7,186.48	-4,966,299.23	-2,391.61
	-4,968,690.84	-4,961,504.36	-7,186.48	-4,966,299.23	-2,391.61
	-4,968,690.84	-4,961,504.36	-7,186.48	-4,966,299.23	-2,391.61

Variation -100bp				
EUR				
Fair Value *	Intrinsic Value	Time Value	Fair Value **	Accrued Interests
-2,792,300.19	-2,943,534.62	151,234.43	-2,792,300.19	-
-2,792,300.19	-2,943,534.62	151,234.43	-2,792,300.19	-
-2,792,300.19	-2,943,534.62	151,234.43	-2,792,300.19	-

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