

RISKSize SERVICE

Basic Mode - Contents



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Introduction

The following paragraphs contain a list of risk factors present in the RISKSize variance-covariance matrix (basic mode). For simplicity the risk factors are grouped by Asset Type.

Exchange Rates

Dimension: .XS

Example: HKD.XS

Analytics: Value, Lambda, Price Volatility, Mean

Currency	Description
AED	United Arab Emirates Dirham
ALL	Albanian Lek
ARS	Argentine Peso
AUD	Australian Dollar
BMD	Bermudian Dollar
BRL	Brazilian Real
CAD	Canadian Dollar
CHF	Swiss Franc
CNY	Chinese Yuan
CLP	Chilean Peso
COP	Colombian Peso
CZK	Czech Krone
DKK	Danish Krone
DZD	Algerian Dinar
EGP	Egyptian Pound
ETB	Ethiopian Birr
GBP	British Pound
HKD	Hong Kong Dollar
HUF	Hungarian Forint

Divisa	Descrizione
IDR	Indonesian Rupee
ILS	Israeli Shekel
INR	Indian Rupee
ISK	Iceland Krone
JPY	Japanese Yen
KRW	Korean Won
KWD	Kuwaiti Dinar
KYD	Cayman Islands Dollar
KZT	Kazakhstani tenge
LBP	Libyan Dinar
LKR	Sri Lankan Rupee
LYD	Libian Dinar
MAD	Moroccan Dirham
MDL	Moldovan Leu
MUR	Mauritian Rupee
MXN	Mexican Peso
MYR	Malaysian Ringgit
NGN	Nigerian Naira
NOK	Norwegian Krone
NZD	New Zealand Dollar
PHP	Philippine Peso
PKR	Pakistani Rupee
PLN	Polish Zloty
RON	New Romanian Leu
RSD	Serbian Dinar
RUB	Russian Ruble
SAR	Saudi Arabian Riyal
SCR	Seychelles Rupee
SEK	Swedish Krone
SGD	Singapore Dollar
SYP	Syrian Pound
THB	Thai Baht
TND	Tunisian Dinar
TRY	New Turkish Lira
TWD	Taiwanese Dollar
USD	US Dollar
VES	Venezuelan Bolivar
VND	Vietnamese Dong
ZAR	South African Rand

Table 1: Exchange risk factors

Money Markets

Dimension: .R007 , .R030 , .R090 , .R180 , .R270 , .R360

Example: EUR.R180

Analytics: Value, Lambda, Price Volatility, Yield Volatility, Mean

Currency	Description	1w	1m	3m	6m	9m	12m
AUD	Australian Dollar		✓	✓	✓	✓	✓
BRL	Brasilian Real		✓	✓	✓		✓
CZK	Czech Ko- runa		✓	✓	✓		✓
DKK	Danish Krone		✓	✓	✓		✓
EUR	Euro	✓	✓	✓	✓		✓
HKD	Hong Kong Dollar		✓	✓	✓		✓
HUF	Hungarian Forint		✓	✓	✓		✓
MXN	Mexican Peso		✓	✓	✓		
NOK	Norwegian Krone		✓	✓	✓	✓	✓
PLN	Polish Zloty		✓	✓	✓		✓
TRY	New Turkish Lira		✓	✓	✓	✓	
ZAR	South African Rand		✓	✓	✓	✓	✓

Table 2: Money market risk factors

Overnight Markets

Dimension: .Ro01

Example: EUR.Ro01

Information: Value, Lambda, Price Volatility, Yield Volatility, Mean

Currency	Description	Maturity	Risk Factor
EUR	Euro	Overnight	ESTR.Ro01
GBP	UK Pound	Overnight	GBP.Ro01
JPY	Japanese Yen	Overnight	TONAR.Ro01
USD	USA Dollar	Overnight	SOFR.Ro01
CHF	Swiss Franc	Overnight	CHOIS.Ro01

Table 3: Overnight market risk factors

Swap Curves

Dimension: .S00083 , .S0025 , .S005 , .S01 , .S02 , .S03 , .S04 , .S05 , .S07 , .S10 , .S12 , .S15 , .S20 , .S25 , .S30

Example: SONIA.S10

Analytics: Value, Lambda, Price Volatility, Yield Volatility, Mean

IdCurve	Description	1m	3m	6m	1y	2y	3y	4y	5y	7y	10y	12y	15y	20y	25y	30y
AUD	AUD vs Interbank 6M					✓	✓	✓	✓	✓	✓	✓	✓			
BRL	BRL vs Interbank Overnight					✓	✓	✓	✓							
CHOIS	CHF vs SARON (Swiss Average Rate Overnight)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CNY	CNY vs Interbank 3M				✓	✓	✓	✓	✓	✓	✓					
CORRA	CAD vs CORRA (Canadian Overnight Repo Rate Average)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
CZK	CZK vs Interbank 6M				✓	✓	✓	✓	✓	✓	✓	✓	✓			
DKK	DKK vs Interbank 6M					✓	✓	✓	✓	✓	✓					
ESTR	EUR vs €STR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EUR	EUR vs Euribor 6M				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
EUR1M	EUR vs Euribor 1M			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
EUR3M	EUR vs Euribor 3M			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

IdCurve	Description	1m	3m	6m	1y	2y	3y	4y	5y	7y	10y	12y	15y	20y	25y	30y
HKD	HKD vs Hibor 3M						✓	✓	✓	✓	✓	✓	✓	✓		
HUF	HUF vs Interbancario 6M						✓	✓	✓	✓	✓	✓				
INR	INR vs Interbancario Overnight					✓	✓	✓	✓	✓	✓	✓				
MXN	MXN vs Interbancario 1M					✓	✓	✓	✓	✓	✓	✓				
NOK	NOK vs Nibor 6M					✓	✓	✓	✓	✓	✓	✓				
NZD	NZD vs Interbancario 3M						✓	✓	✓	✓	✓					
PLN	PLN vs Interbancario 6M					✓	✓	✓	✓	✓	✓	✓		✓	✓	
RUB	RUB vs Tasso deposito					✓	✓	✓	✓	✓	✓	✓				
SEK	SEK vs Interbancario 3M					✓	✓	✓	✓	✓	✓					
SOFR	USD vs SOFR (Secured OverNight Financing Rate)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SONIA	GBP vs SONIA (Sterling OverNight Index Average)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SORA	SGD vs SORA (Singapore Overnight Rate Average)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
TONAR	JPY vs TONAR (Tokio Overnight Average Rate)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TRY	TRY vs TRLIBOR 3M					✓	✓	✓	✓	✓	✓	✓				
USDOIS	USD vs EFFR (Effective Fed Funds Rate)			✓	✓	✓	✓	✓	✓	✓	✓	✓				
ZAR	ZAR vs Interbancario 3M						✓	✓	✓	✓	✓	✓				

Table 4: Swap risk factors

Real Rate Curves

Dimension: .RE01 , .RE02 , .RE03 , .RE04 , .RE05 , .RE07 , .RE10 , .RE12 , .RE15 , .RE20 ,
RE25 , .RE30

Example: EUR.RE10

Analytics: Value, Lambda, Price Volatility, Yield Volatility, Mean

Country	Description	1y	2y	3y	4y	5y	7y	10y	12y	15y	20y	25y	30y
EUR	European Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GBP	British Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ITL	Italian Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
USD	US Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Table 5: Real risk factors

Government Yield Curves

Estensione: .Z0025 , .Z005 , .Z01 , .Z02 , .Z03 , .Z04 , .Z05 , .Z07 , .Z09 , .Z10 , .Z15 , .Z20 , .Z30

Esempio: USD.Z07

Informazioni: Value, Lambda, Price Volatility, Yield Volatility, Mean

Country	Description	3m	6m	1y	2y	3y	4y	5y	7y	9y	10y	15y	20y	30y
ATS	Austrian Curve			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
AUD	Australian Curve				✓	✓	✓	✓	✓	✓	✓			
BEF	Belgian Curve			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
CAD	Canadian Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CHF	Swiss Curve			✓	✓	✓	✓	✓	✓	✓	✓	✓		
DEM	German Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DKK	Denmark Curve				✓	✓	✓	✓	✓	✓	✓	✓	✓	
ESP	Spanish Curve			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EUR	European Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FIM	Finnish Curve			✓	✓	✓	✓	✓	✓	✓	✓			
FRF	French Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GBP	British Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IEP	Ireland Curve			✓	✓	✓	✓	✓	✓	✓	✓	✓		

Country	Description	3m	6m	1y	2y	3y	4y	5y	7y	9y	10y	15y	20y	30y
ITL	Italian Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ITLCPI	Italian Inflation Linked Curve			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
JPY	Japanese Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
NLG	Netherland Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NZD	New Zealand Curve				✓	✓	✓	✓	✓	✓	✓			
PTE	Portuguese Curve		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SEK	Swedish Curve			✓	✓	✓	✓	✓	✓	✓	✓			
SIT	Slovenian Curve			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
USD	US Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Table 6: Government risk factors

Government Spread Curves

Dimension: .SP01 , .SP02 , .SP03 , .SP04 , .SP05 , .SP07 , .SP09 , .SP10 , .SP15 , .SP20 , .SP3

Example: ITL.SP07

Analytics: Value, Lambda, Price Volatility, Yield Volatility, Mean

Country	Description	1y	2y	3y	4y	5y	7y	9y	10y	15y	20y	30y
ATS	Austrian Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
BEF	Belgian Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
CHF	Swiss Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓		
DEM	German Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESP	Spanish Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FIM	Finnish Curve	✓	✓	✓	✓	✓	✓	✓	✓			
FRF	French Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IEP	Ireland Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓		
ITL	Italian Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ITLCPI	Italian Curve inflation linked	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NLG	Netherland Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PTE	Portuguese Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SEK	Swedish Curve	✓	✓	✓	✓	✓	✓	✓	✓			
SIT	Slovenian Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
USD	US Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Table 7: Spread government factors

Sector Curves

Dimension: Co90 , C180 , C360 , Co2 , Co3 , Co4 , Co5 , Co7 , C10 , C12 , C15 , C20

Example: EUR.FINHISPCo90

Analytics: Value, Lambda, Price Volatility, Yield Volatility, Mean

IdCurve	Description	3m	6m	1y	2y	3y	4y	5y	7y	10y	12y	15y	20y
EUR.FINHI	Financial EUR high creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓				
EUR.FINLW	Financial EUR low creditworthiness	✓	✓	✓	✓	✓	✓	✓					
EUR.FINME	Financial EUR medium creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓				
EUR.FINSUBINV	Financial EUR speculative		✓	✓	✓	✓	✓	✓					
EUR.FINSUBLW	Financial EUR subordinated low creditworthiness		✓	✓	✓	✓	✓	✓	✓	✓			
EUR.FINSUBME	Financial EUR subordinated medium creditworthiness		✓	✓	✓	✓	✓	✓	✓	✓			
GBP.FINME	Financial GBP medium creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓				
USD.FINHI	Financial USD high creditworthiness	✓	✓	✓	✓	✓	✓	✓					
USD.FINME	Financial USD medium creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓	✓			
EUR.INDHI	Industrial EUR high creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓	✓			
EUR.INDJU	Industrial EUR speculative	✓	✓	✓	✓	✓	✓	✓					
EUR.INDLW	Industrial EUR low creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
EUR.INDME	Industrial EUR medium creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
GBP.INDLW	Industrial GBP low creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
GBP.INDME	Industrial GBP medium creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

IdCurve	Description	3m	6m	1y	2y	3y	4y	5y	7y	10y	12y	15y	20y
USD.INDHI	Industrial USD high creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓	✓			
USD.INDLW	Industrial USD low creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓				
USD.INDME	Industrial USD medium creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓	✓			

Table 8: Risk factors for sector curves

Dimension: 025 , 05 , 1 , 2 , 3 , 4 , 5 , 7 , 10 , 12 , 15 , 20

Example: EUR.EU_FIN_AASen025

Analytics: Value, Lambda, Price Volatility, Yield Volatility, Mean

IdCurve	Description	3m	6m	1y	2y	3y	4y	5y	7y	10y	12y	15y	20y
EUR.EU_FIN_AASen	Financial EUR high creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓				
EUR.EU_FIN_BBBSen	Financial EUR low creditworthiness	✓	✓	✓	✓	✓	✓	✓					
EUR.EU_FIN_ASen	Financial EUR medium creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓				
EUR.EU_FIN_BBSen	Financial EUR speculative			✓	✓	✓	✓	✓					
EUR.EU_FIN_BBBSub	Financial EUR subordinated low creditworthiness			✓	✓	✓	✓	✓	✓	✓			
EUR.EU_FIN_ASub	Financial EUR subordinated medium creditworthiness			✓	✓	✓	✓	✓	✓	✓			
GBP.EU_FIN_ASen	Financial GBP medium creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓				
USD.NA_FIN_AASen	Financial USD high creditworthiness	✓	✓	✓	✓	✓	✓	✓					
USD.NA_FIN_ASen	Financial USD medium creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓	✓			
EUR.EU_IND_AASen	Industrial EUR high creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓	✓			
EUR.EU_IND_BBSen	Industrial EUR speculative	✓	✓	✓	✓	✓	✓	✓					
EUR.EU_IND_BBBSen	Industrial EUR low creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
EUR.EU_IND_ASen	Industrial EUR medium creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

IdCurve	Description	3m	6m	1y	2y	3y	4y	5y	7y	10y	12y	15y	20y
GBP.EU_IND_BBBSen	Industrial GBP low creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GBP.EU_IND_ASen	Industrial GBP medium creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
USD.NA_IND_AASen	Industrial USD high creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓	✓			
USD.NA_IND_BBBSen	Industrial USD low creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓				
USD.NA_IND_ASen	Industrial USD medium creditworthiness	✓	✓	✓	✓	✓	✓	✓	✓	✓			

Table 9: Risk factors for sector curves from regression

Exchange Equity Indices

Dimension: .SE

Example: CAD.SE

Analytics: Value, Lambda, Price Volatility, Mean

Country	Description	Index	Exchange	Currency
ARS	Argentina	MERVAL	Buenos Aires Stock Exchange	Argentine peso
ATS	Austria	ATX	Vienna Stock Exchange	Euro
AUD	Australia	ASX ALL ORDINARIES	Australian Stock Exchange	Australian dollar
BEF	Belgium	BEL 20	Brussels Stock Exchange	Euro
CAD	Canada	SPTSX 60	Toronto Stock Exchange	Canadian dollar
CHF	Switzerland	SMI	Zurich Stock Exchange	Swiss franc
DEM	Germany	DAX	Frankfurt Stock Exchange	Euro
DKK	Denmark	KFX	Denmark Stock Exchange	Danish krone
ESP	Spain	IBEX 35	Madrid Stock Exchange	Euro
EUR	Dow Jones Eurostoxx 50	DJES 50	-	Euro

Country	Description	Index	Exchange	Currency
FIM	Finland	HEX GENERAL	Helsinki Stock Exchange	Euro
FRF	France	CAC 40	Paris Stock Exchange	Euro
GBP	UK	FTSE 100	London Stock Exchange	UK pound
HKD	Hong Kong	HANG SENG	Hong Kong	Hong Kong dollar
IDR	Indonesia	JSE COMPOSITE	Jakarta Stock Exchange	Indonesian rupiah
IEP	Ireland	ISEQ	Irish Stock Exchange	Euro
INR	India	BSE500	Bombay Stock Exchange 500	Indian rupee
ITL	Italy	FTSEMIB	Milano Stock Exchange	Euro
JPY	Japan	NIKKEI 225	Tokyo Stock Exchange	Japanese yen
KRW	South Korea	KOSPI	Seul Stock Exchange	South Korean won
MXN	Mexico	IPC (BOLSA)	Mexico Stock Exchange	Mexican peso
MYR	Malaysia	KLSE COMPOSITE	Kuala Lumpur Stock Exchange	Malaysian ringgit
NLG	Netherlands	AEX	Amsterdam Stock Exchange	Euro

Country	Description	Index	Exchange	Currency
NOK	Norway	OSLO SE ALL SHARES	Oslo Stock Exchange	Norwegian krone
NZD	New Zealand	CAPITAL 40	New Zealand Stock Exchange	New Zealand dollar
PHP	Philippines	PHILIPPINES SE ALL SHARES	Manila Stock Exchange	Philippine peso
PLN	Poland	WIG 20	Warsaw Stock Exchange	Polish zloty
SEK	Sweden	OMX	Stockholm Stock Exchange	Swedish krona
SGD	Singapore	FSSTI-STRAITS TIMES INDEX	Singapore Stock Exchange	Singapore dollar
THB	Thailand	SET	Bangkok Stock Exchange	Thai baht
TRY	Turkey	ISE 100	Istanbul Stock Exchange	Turkish lira
TWD	Taiwan	TAIWAN SE	Taipei Stock Exchange	Taiwan dollar
USD	United States	S&P 100	New York Stock Exchange	US dollar

Table 10: Risk factors for exchange equity indices

Sector Stock Indices

Dimension: Sector Index Code

Example: EUR.IGENINES

Analytics: Lambda, Price Volatility, Mean

Currency	Description	Sector Index Code
EUR	GERMANY - BASIC INDUSTRIES	IBASICBD
EUR	SPAIN - BASIC INDUSTRIES	IBASICES
EUR	FRANCE - BASIC INDUSTRIES	IBASICFR
EUR	ITALY - BASIC INDUSTRIES	IBASICIT
EUR	GERMANY - CYC. CONS. GOODS	ICYCGDBD
EUR	SPAIN - CYC. CONS. GOODS	ICYCGDES
EUR	FRANCE - CYC. CONS. GOODS	ICYCGDFR
EUR	ITALY - CYC. CONS. GOODS	ICYCGDIT
EUR	GERMANY - CONSUMER SERVICE	ICYSERBD
EUR	SPAIN - CONSUMER SERVICE	ICYSERES
EUR	FRANCE - CONSUMER SERVICE	ICYSERFR
EUR	ITALY - CONSUMER SERVICE	ICYSERIT
EUR	GERMANY - GEN. INDUSTRIALS	IGENINBD
EUR	SPAIN - GEN. INDUSTRIALS	IGENINES
EUR	FRANCE - GEN. INDUSTRIALS	IGENINFR
EUR	ITALY - GEN. INDUSTRIALS	IGENINIT
EUR	GERMANY - INFORMATION TECH	IITECHBD
EUR	SPAIN - INFORMATION TECH	IITECHES
EUR	FRANCE - INFORMATION TECH	IITECHFR
EUR	ITALY - INFORMATION TECH	IITECHIT
EUR	GERMANY - NON CYC CONS GDS	INCYCGBD
EUR	SPAIN - NON CYC CONS GDS	INCYCGES
EUR	FRANCE - NON CYC CONS GDS	INCYCGFR
EUR	ITALY - NON CYC CONS GDS	INCYCGIT
EUR	SPAIN - RESOURCES	IRESORES

Currency	Description	Sector Index Code
EUR	FRANCE - RESOURCES	IRESORFR
EUR	ITALY - RESOURCES	IRESORIT
EUR	GERMANY - FINANCIALS	ITOTLFB
EUR	SPAIN - FINANCIALS	ITOTLFES
EUR	FRANCE - FINANCIALS	ITOTLFFR
EUR	ITALY - FINANCIALS	ITOTLFI
EUR	GERMANY - UTILITIES	IUTILSBD
EUR	SPAIN - UTILITIES	IUTILSES
EUR	FRANCE - UTILITIES	IUTILSFR
EUR	ITALY - UTILITIES	IUTILSIT
GBP	UK - BASIC INDUSTRIES	IBASICUK
GBP	UK - CYC. CONS. GOODS	ICYCGDUK
GBP	UK - CONSUMER SERVICE	ICYSERUK
GBP	UK - GEN. INDUSTRIALS	IGENINUK
GBP	UK - INFORMATION TECH	IITECHUK
GBP	UK - NON CYC CONS GDS	INCYCGUK
GBP	UK - RESOURCES	IRESORUK
GBP	UK - FINANCIALS	ITOTLFUK
GBP	UK - UTILITIES	IUTILSUK
JPY	JAPAN - BASIC INDUSTRIES	IBASICJP
JPY	JAPAN - CYC CONS GOODS	ICYCGDJP
JPY	JAPAN - CONSUMER SERVICE	ICYSERJP
JPY	JAPAN - GEN. INDUSTRIALS	IGENINJP
JPY	JAPAN - INFORMATION TECH	IITECHJP
JPY	JAPAN - NON CYC CONS GDS	INCYCGJP
JPY	JAPAN - RESOURCES	IRESORJP
JPY	JAPAN - FINANCIALS	ITOTLFJP
JPY	JAPAN - UTILITIES	IUTILSJP
USD	US - BASIC INDUSTRIES	IBASICUS
USD	US - CYC. CONS. GOODS	ICYCGDUS
USD	US - CONSUMER SERVICE	ICYSERUS
USD	US - GEN. INDUSTRIALS	IGENINUS
USD	US - INFORMATION TECH	IITECHUS
USD	US - NASDAQ 100	INASDAQ
USD	US - NON CYC CONS GDS	INCYCGUS
USD	US - RESOURCES	IRESORUS
USD	US - FINANCIALS	ITOTLFUS
USD	US - UTILITIES	IUTILSUS

Table 11: Sector Stock Index Risk Factors

Benchmark Indices for Mutual Funds and Sicav

Dimension: Fund Index Code

Example: EUR.I3 EUR.I99

Analytics: Lambda, Price Volatility, Mean

Risk Factor	Peer group
EUR.I3	Equity Europe
EUR.I4	Equity Europe Emu
EUR.I5	Equity Italy
EUR.I7	Equity Europe Small-Cap
EUR.I8	High-Tech Sector Equity Europe
EUR.I9	International Small-Cap Equity
EUR.I10	International Equity
EUR.I12	High Tech Sector Equity
EUR.I13	Materials Sector Equity
EUR.I14	Financials Sector Equity
EUR.I15	Information Technology Sector Equity
EUR.I16	Telecommunication Sector Equity
EUR.I17	Utilities Sector Equity
EUR.I18	Consumer Staples Sector Equity
EUR.I19	Consumer Discretionary Sector Equity
EUR.I20	Energy Sector Equity
EUR.I21	Industrial Sector Equity
EUR.I22	North America Equity
EUR.I23	Small-Cap Equity North America
EUR.I24	Small-Cap Equity Japan

Risk Factor	Peer group
EUR.I25	Pacific Japan Equity
EUR.I26	Pacific Equity
EUR.I27	Small-Cap Pacific Equity
EUR.I28	Emerging Markets Equity Latin America
EUR.I29	Emerging Markets Equity Asia & Oceania
EUR.I30	Emerging Markets Equity
EUR.I31	Emerging Markets Equity East European
EUR.I32	Biotech Sector Equity
EUR.I33	Real Estate Equity
EUR.I34	Healthcare Sector Equity
EUR.I50	International Liquidity
EUR.I51	Liquidity EMU
EUR.I52	Liquidity USD
EUR.I53	Liquidity UK
EUR.I54	Liquidity CHF
EUR.I55	Liquidity JPY
EUR.I60	Mixed with Equity Share up to 20%
EUR.I61	Mixed with Equity Share between 21% and 40%
EUR.I62	Mixed with Equity Share between 41% and 60%
EUR.I63	Mixed with Equity Share between 61% and 80%
EUR.I64	Mixed with Equity Share higher than 80%
EUR.I70	Medium Term EMU Bond
EUR.I71	International Corporate IG Bond
EUR.I72	Inflation Linked International Bond
EUR.I80	CHF Bond
EUR.I81	GBP Bond
EUR.I82	EMU Bond
EUR.I83	EMU Short term Bond
EUR.I84	European High Yield Bond
EUR.I85	European Convertible Bond
EUR.I86	East European Emerging Countries Bond
EUR.I87	European Bonds
EUR.I88	International Bonds
EUR.I89	International High Yield Bond

Risk Factor	Peer group
EUR.I90	International Convertible Bond
EUR.I91	Emerging Countries Bond
EUR.I92	Asian Convertible Bond
EUR.I93	USD High Yield Bond
EUR.I94	USD Bond
EUR.I95	USD Convertible Bond
EUR.I96	Yen Bond
EUR.I97	IG EMU Corporate Bond
EUR.I98	USD 1-3 Years Government Bond
EUR.I99	IG USD Corporate Bond

Table 12: Mutual funds benchmark index risk factors

Commodities

Dimension: Commodity Code

Example: EUR.CGAS

Analytics: Lambda, Price Volatility, Mean

Risk Factor	Description	Measure ¹
EUR.CALU	Aluminium	Euro per Pound
EUR.CCOC	Cocoa	Euro per Tonne
EUR.CCOF	Coffee	Euro per Pound
EUR.CCOP	Copper	Euro per Tonne
EUR.CGAS	Natural Gas	Euro per Million of British Thermal Units
EUR.CGLD	Gold	Euro per Troy Ounce
EUR.CLED	Lead	Euro per Tonne
EUR.CNKL	Nickel	Euro per Tonne
EUR.CPAL	Palladium	Euro per Troy Ounce
EUR.CPLA	Platinum	Euro per Troy Ounce
EUR.CSLV	Silver	Euro per Troy Ounce
EUR.CSUG	Raw Sugar	Euro per Pound
EUR.CTIN	Pond	Euro per Tonne
EUR.CUNL	Unleaded Gas	Euro per Gallon
EUR.CWTI	Light Sweet Crude	Euro per Barrel
EUR.CZNC	Zinc	Euro per Tonne

Table 13: Commodity risk factors

¹ 1 Troy Ounce = 31.1035 grams, 1 pound = 454 grams, 1 Gallon = 3.785 liters, 1 Barrel = from 120 to 159 liters, 1 BTU = 252 calories

Hedge Funds Indices

Dimension: Hedge Fund Index Code

Example: EUR.IHDGo6

Analytics: Lambda, Price Volatility, Mean

Risk Factor	Description	Frequency	Index Conversion in EUR
EUR.IHDGo2	Convertible Arbitrage Hedge	Monthly	Yes
EUR.IHDGo4	Emerging Markets Hedge	Monthly	Yes
EUR.IHDGo5	Equity Market Neutral Hedge	Monthly	Yes
EUR.IHDGo6	Event Driven Hedge	Monthly	Yes
EUR.IHDGo7	Global Macro Hedge	Monthly	Yes
EUR.IHDGo8	Long Short Hedge	Monthly	Yes
EUR.IHDGo9	Fixed Income Arbitrage Hedge	Monthly	Yes
EUR.IHDG10	Managed Funds Hedge	Monthly	Yes
EUR.IHDG14	Multi Strategy Hedge	Monthly	Yes
EUR.IHDG15	Multi Strategy Hedge	Monthly	No

CCT/MTS Indices

Dimension: Index Code

Example EUR.ICCT

Analytics: Lambda, Price Volatility, Mean

Risk factor	Description
EUR.IBOT	BOT MTS Index
EUR.ICCT	CCT MTS Index
EUR.IMTSBI	CCT ex Banca d'Italia Index
EUR.IMTSMT	MTS Italy Medium Term Index

Table 14: MTS index risk factors

Other Indices

Dimension: Index Code

Example: EUR.ITBANKS

Analytics: Lambda, Price Volatility, Mean

Risk factor	Description
EUR.ITBANKS	Italy Banks Equity Index

Table 15: Other Indices