COMMODITY DERIVATIVES RISK ENGINE

Unitary margin file

Content and format specifications

Table of contents

1 Unitary margins

Initial Margins (a.k.a. 'what-if' margins - *Decorrelation risk add-on* is obviously equal to 0) on portfolios consisting of a long/short one-contract position in the instrument at the evaluation date (EOD).

Only unexpired futures available in the 'RF02C1' and 'RF04C' public risk data files published at the same evaluation date are included.
As for futures which fall into the 'SUB2' sub-portfolio according to the adopted portfolio margining methodology, figures are not adjusted by any margin or increasing percentages.

.csv file composed by a first header row + *n* value rows (delimiter: comma; decimal separator: dot):

Field name	Field type	Possible field values	Field description
ref_dt	Integer		Evaluation date YYYYMMDD
instr_id	String		Product ISIN code
instr_curcy	String		Product denomination currency code (ISO 4217, 3 chars)
symbol_code	String		Euronext contract code
asset_type	String	'F', 'O'	Product type, futures ('F') or option ('O')
mat_dt	Integer		Product expiry date YYYYMMDD
mult	Float		Product multiplier
settl_type	String	'C', 'P'	Product settlement type, cash settlement ('C') or physical delivery ('P')
option_type	String	'C', 'P', 'N'	Option type, call ('C') or put ('P') ('N' for futures)
strike	Float		Option strike price (0.0 for futures)

und_instr_id	String		Underlying product ISIN code (equal to **instr_id** for futures)
und_curcy	String		Underlying product currency code (ISO 4217, 3 chars - equal to **instr_curcy** for futures)
price	Float		Product settlement/closing price
long_margin_pct	Float		Margin amount on a long position expressed as percentage of price (e.g. 10%, expressed as 0.1). -1 fallback value in case of impossible ratios (e.g. division by 0)
long_margin_amount	Float		Margin amount on a long position, including multiplier, expressed in EUR
short_margin_pct	Float		Margin amount on a short position expressed as percentage of price (e.g. 10%, expressed as 0.1). -1 fallback value in case of impossible ratios (e.g. division by 0)
short_margin_amount	Float		Margin amount on a short position, including multiplier, expressed in EUR