

**CLEARING RULES
OF NASDAQ DERIVATIVES MARKETS**

PARAMETER VALUE LIST

1. STOCK AND STOCK INDEX PRODUCTS OMS II

Options valuation

Adjustment for erosion of time value	1 day
Risk-free interest rate, Swedish shares	0,5 %
Risk-free interest rate, Finnish shares	0,3 %
Risk-free interest rate, Danish shares	0,5 %
Risk-free interest rate, Norwegian shares	2,0 %
Highest value held in relation to written	95 %
Lowest value written	0,01
Erosion held	YES
Adjustment for negative time value	YES
Simulated increased/reduced standard deviation	10 %

Futures valuation

	Index	Stock
Adjustment of bought futures	0,995	0,98
Adjustment of sold futures	1,005	1,02

Additional collateral at exercise/closing/delivery (options and futures)*

Cash settlement amount (C) stock products	-
Cash settlement amount (C) stock index products	C
Margin collateral demand at delivery (D) other stock products	D

*) Nasdaq reserves the right to immediately apply additional collateral for daily cash settlements on stock and stock index products. Additional collateral does not apply for binary options

Calculation of covariance, OMS II

Size of window applied to different underlyings

Group	Group contents window	Size of
SE_INDEX	OMXS30	20%
SE_INDEX	OMXESG	20%

Current OMS II Parameters are found on the Risk management [website](#).

Nasdaq reserves the right to immediately apply additional collateral for daily cash settlements on fixed income products.

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2. FIXED INCOME PRODUCTS CFM

Current CFM Parameters are found on the Risk management [website](#).

Nasdaq reserves the right to immediately apply additional collateral for daily cash settlements on fixed income products.

Calculations of covariance, CFM

Total size of window for uncorrelated curves

PC1 = 9, PC2 = 5, PC3 = 5

Size of window applied to different yield curves

Group	Yield curves	Size of window
1	NBHO_SEK, SCBC_SEK, SHYP_SEK, SWHO_SEK, LFH_SEK, TREASURY_SEK	PC1 = 5 PC2 = 3 PC3 = 3
2	FRA_SEK, SWAP_SEK	PC1 = 1 PC2 = 1 PC3 = 1
3	3NFRA_NOK, 6NFRA_NOK	PC1 = 1 PC2 = 1 PC3 = 1
4	GOV_BOND_SEK, GROUP 2	PC1 = 3 PC2 = 3 PC3 = 3
5	NB_BOND_SEK, SPA_BOND_SEK, ST_BOND_SEK	PC1 = 3 PC2 = 3 PC3 = 3
6	GROUP 4, GROUP 5, SB_BOND_SEK, RIBA_SEK	PC1 = 5 PC2 = 3 PC3 = 3

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3. SCALING OF INITIAL MARGIN

For each market group indicated below, the sum of initial margin (IM) for a margin calculation account (*) shall be increased by the relevant scaling factor if the IM (as scaled if applicable) for such margin calculation account exceeds any of the IM thresholds for scaling up.

If the sum of scaled IM falls below any of the IM thresholds for scaling reduction, the scaling factor shall be reduced or removed (as applicable) on request by the Clearing Member or the Customer.

(*) A margin calculation account is an account where the margin calculation is performed. The margin calculated on a margin calculation account is aggregated on a Margin Requirement Account.

Currency: SEK

Market group: Swedish Index and Swedish Flexible Index

Holder of margin calculation account

Limit nr	IM thresholds for scaling up	Scaling factor	IM thresholds for scaling reduction
1	800 000 000	15%	800 000 000
2	1 500 000 000	25%	1 300 000 000

Market group: Swedish Bond

Holder of margin calculation account

Limit nr	IM thresholds for scaling up	Scaling factor	IM thresholds for scaling reduction
1	1 400 000 000	15%	1 400 000 000
2	2 400 000 000	25%	2 100 000 000

In addition to the above margin concentration limits Nasdaq Clearing also applies a margin concentration limit on Client Accounts used for clearing of Generic Rates Instruments in respect of Clients that also act, in a different capacity, as a Clearing Member on other accounts with the CCP. The limit is enforced per margin calculation account and market group. If total Initial Margin (IM) for a margin calculation account exceeds the applicable IM threshold, IM shall be scaled up with a scaling factor in accordance with the table below. IM that is subject to scaling shall be scaled down, upon request by the Clearing Member, if it falls below the threshold for scaling down in accordance with the table below.

Limit nr	IM thresholds for scaling up	Scaling factor	IM thresholds for scaling reduction
1	500 000 000	30%	600 000 000