

Regulation (EU) No 575/2013 of the European Parliament and of the Council of 26 June 2013 on prudential requirements for credit institutions and investment firms and amending Regulation (EU) No 648/2012 (Text with EEA relevance)

[^{XI}PART THREE

CAPITAL REQUIREMENTS

TITLE IV

OWN FUNDS REQUIREMENTS FOR MARKET RISK

CHAPTER 5

Use of internal models to calculate own funds requirements

Section 5

Internal model for correlation trading

[^{XI} Article 377

Requirements for an internal model for correlation trading

1 Competent authorities shall grant permission to use an internal model for the own funds requirement for the correlation trading portfolio instead of the own funds requirement in accordance with Article 338 to institutions that are allowed to use an internal model for specific risk of debt instruments and that meet the requirements in paragraphs 2 to 6 of this Article and in Article 367(1) and (3), Article 368, Article 369(1) and points (a), (b), (c), (e) and (f) of Article 370.

2 Institutions shall use this internal model to calculate a number which adequately measures all price risks at the 99,9 % confidence interval over a time horizon of one year under the assumption of a constant level of risk, and adjusted where appropriate to reflect the impact of liquidity, concentrations, hedging and optionality. Institutions shall calculate this number at least weekly.

3 The following risks shall be adequately captured by the model referred to in paragraph 1:

- a the cumulative risk arising from multiple defaults, including different ordering of defaults, in tranching products;
- b credit spread risk, including the gamma and cross-gamma effects;
- c volatility of implied correlations, including the cross effect between spreads and correlations;
- d basis risk, including both of the following:

Changes to legislation: Regulation (EU) No 575/2013 of the European Parliament and of the Council, Article 377 is up to date with all changes known to be in force on or before 03 July 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

- (i) the basis between the spread of an index and those of its constituent single names;
- (ii) the basis between the implied correlation of an index and that of bespoke portfolios;
- e recovery rate volatility, as it relates to the propensity for recovery rates to affect tranche prices;
- f to the extent the comprehensive risk measure incorporates benefits from dynamic hedging, the risk of hedge slippage and the potential costs of rebalancing such hedges;
- g any other material price risks of positions in the correlation trading portfolio.

4 An institution shall use sufficient market data within the model referred to in paragraph 1 in order to ensure that it fully captures the salient risks of those exposures in its internal approach in accordance with the requirements set out in this Article. It shall be able to demonstrate to the competent authority through back testing or other appropriate means that its model can appropriately explain the historical price variation of those products.

The institution shall have appropriate policies and procedures in place in order to separate the positions for which it holds permission to incorporate them in the own funds requirement in accordance with this Article from other positions for which it does not hold such permission.

5 With regard to the portfolio of all the positions incorporated in the model referred to in paragraph 1, the institution shall regularly apply a set of specific, predetermined stress scenarios. Such stress scenarios shall examine the effects of stress to default rates, recovery rates, credit spreads, basis risk, correlations and other relevant risk factors on the correlation trading portfolio. The institution shall apply stress scenarios at least weekly and report at least quarterly to the competent authorities the results, including comparisons with the institution's own funds requirement in accordance with this Article. Any instances where the stress test results materially exceed the own funds requirement for the correlation trading portfolio shall be reported to the competent authorities in a timely manner. ^{F1}...

6 The internal model shall conservatively assess the risk arising from less liquid positions and positions with limited price transparency under realistic market scenarios. In addition, the internal model shall meet minimum data standards. Proxies shall be appropriately conservative and may be used only where available data is insufficient or is not reflective of the true volatility of a position or portfolio.]

Editorial Information

- X1** Substituted by [Corrigendum to Regulation \(EU\) No 575/2013 of the European Parliament and of the Council of 26 June 2013 on prudential requirements for credit institutions and investment firms and amending Regulation \(EU\) No 648/2012 \(OJ L 176, 27.6.2013, p. 1\)](#).

Textual Amendments

- F1** Words in [Art. 377\(5\)](#) omitted (31.12.2020) by virtue of [The Capital Requirements \(Amendment\) \(EU Exit\) Regulations 2018 \(S.I. 2018/1401\)](#), regs. 1(3), **167** (with savings in [S.I. 2019/680](#), reg. 11); 2020 c. 1, Sch. 5 para. 1(1)

Changes to legislation:

Regulation (EU) No 575/2013 of the European Parliament and of the Council, Article 377 is up to date with all changes known to be in force on or before 03 July 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations.

View outstanding changes

Changes and effects yet to be applied to the whole legislation item and associated provisions

- Pt. 3 Title 1 Ch. 1 SECTION 2 A 95 repeal by [EUR 2019/2033](#) Regulation (This amendment by the EU not applied to legislation.gov.uk because it is brought into force after IP completion day.)
- Pt. 3 Title 1 Ch. 1 SECTION 2 repeal by [EUR 2019/2033](#) Regulation (This amendment by the EU not applied to legislation.gov.uk because it is brought into force after IP completion day.)
- Pt. 3 Title 1 Ch. 1 SECTION 2 A 98 repeal by [EUR 2019/2033](#) Regulation (This amendment by the EU not applied to legislation.gov.uk because it is brought into force after IP completion day.)
- Pt. 3 Title 1 Ch. 1 SECTION 2 A 96 repeal by [EUR 2019/2033](#) Regulation (This amendment by the EU not applied to legislation.gov.uk because it is brought into force after IP completion day.)
- Pt. 3 Title 1 Ch. 1 SECTION 2 A 97 repeal by [EUR 2019/2033](#) Regulation (This amendment by the EU not applied to legislation.gov.uk because it is brought into force after IP completion day.)
- Art. 4.1(7) words omitted by [S.I. 2018/1401 reg. 64\(7\)\(b\)](#) (This amendment not applied to legislation.gov.uk. Reg. 64(7) omitted (6.9.2019) by virtue of S.I. 2019/1232, regs. 1(2), 3(3)(c)(i))
- Art. 4.1(7) words substituted by [S.I. 2018/1401 reg. 64\(7\)\(a\)](#) (This amendment not applied to legislation.gov.uk. Reg. 64(7) omitted (6.9.2019) by virtue of S.I. 2019/1232, regs. 1(2), 3(3)(c)(i))
- Art. 4.1(7) words substituted by [S.I. 2018/1401 reg. 64\(7\)\(c\)](#) (This amendment not applied to legislation.gov.uk. Reg. 64(7) omitted (6.9.2019) by virtue of S.I. 2019/1232, regs. 1(2), 3(3)(c)(i))
- Art. 4.1(13) words substituted by [S.I. 2024/705 Sch. 2 para. 19\(a\)](#)
- Art. 4.1(14) words substituted by [S.I. 2024/705 Sch. 2 para. 19\(b\)](#)
- Art. 4.1(14a) words substituted by [S.I. 2024/705 Sch. 2 para. 19\(c\)](#)
- Art. 4.1(26) words inserted by [S.I. 2018/1401 reg. 64\(20\)\(a\)](#) (This amendment not applied to legislation.gov.uk. Reg. 64(20) omitted (6.9.2019) by virtue of S.I. 2019/1232, regs. 1(2), 3(3)(c)(ii))
- Art. 4.1(26) words substituted by [S.I. 2018/1401 reg. 64\(20\)\(d\)](#) (This amendment not applied to legislation.gov.uk. Reg. 64(20) omitted (6.9.2019) by virtue of S.I. 2019/1232, regs. 1(2), 3(3)(c)(ii))
- Art. 4.1(28) words substituted by [S.I. 2018/1401 reg. 64\(23\)\(a\)](#) (This amendment not applied to legislation.gov.uk. Reg. 64(23) omitted (6.9.2019) by virtue of S.I. 2019/1232, regs. 1(2), 3(3)(c)(iii))
- Art. 4.1(28) words substituted by [S.I. 2018/1401 reg. 64\(23\)\(b\)](#) (This amendment not applied to legislation.gov.uk. Reg. 64(23) omitted (6.9.2019) by virtue of S.I. 2019/1232, regs. 1(2), 3(3)(c)(iii))
- Art. 4.1(28) words substituted by [S.I. 2018/1401 reg. 64\(23\)\(c\)](#) (This amendment not applied to legislation.gov.uk. Reg. 64(23) omitted (6.9.2019) by virtue of S.I. 2019/1232, regs. 1(2), 3(3)(c)(iii))
- Art. 4.1(61) words substituted by [S.I. 2024/705 Sch. 2 para. 19\(d\)](#)
- Art. 4.1(62) words substituted by [S.I. 2024/705 Sch. 2 para. 19\(e\)](#)
- Art. 4.1(63) words substituted by [S.I. 2024/705 Sch. 2 para. 19\(f\)](#)
- Art. 4.1(66) words substituted by [S.I. 2024/705 Sch. 2 para. 19\(g\)](#)
- Art. 4.1(67) words substituted by [S.I. 2024/705 Sch. 2 para. 19\(h\)](#)

- Art. 4.1(128) word substituted by [S.I. 2018/1401 reg. 64\(51\)](#) (This amendment not applied to legislation.gov.uk. Reg. 64(51) omitted (6.9.2019) by virtue of S.I. 2019/1232, regs. 1(2), 3(3)(c)(iv))
- Art. 4.1(129) words substituted by [S.I. 2024/705 Sch. 2 para. 19\(i\)](#)
- Art. 11(6)(a) words substituted by [S.I. 2021/1078 reg. 4\(5\)\(c\)](#) (This amendment not applied to legislation.gov.uk. Amending provision substituted by S.I. 2021/1376)
- Art. 18(8)(a) words substituted by [S.I. 2020/1385 reg. 74\(3\)\(c\)](#) (This amendment not applied to legislation.gov.uk. Art. 18(8) substituted (31.12.2020) by S.I. 2019/264, regs. 1, 5(3).)
- Art. 31(1)(b) words substituted by [S.I. 2018/1401 reg. 86\(a\)](#) (This amendment not applied to legislation.gov.uk. Reg. 86(a) omitted immediately before IP completion day by virtue of S.I. 2020/1470, reg. 1(4), Sch. 2 para. 17)
- Art. 31(1)(b) words substituted in earlier amending provision S.I. 2018/1401, reg. 86(a) by [S.I. 2020/1301 reg. 3Sch. para. 11\(g\)](#) (This amendment not applied to legislation.gov.uk. Reg. 86(a) omitted immediately before IP completion day by virtue of S.I. 2020/1470, reg. 1(4), Sch. 2 para. 17)
- Art. 31(1)(c) words inserted by [S.I. 2018/1401 reg. 86\(b\)](#) (This amendment not applied to legislation.gov.uk. Reg. 86(b) omitted immediately before IP completion day by virtue of S.I. 2020/1470, reg. 1(4), Sch. 2 para. 17)
- Art. 78(1)(b) words substituted by [S.I. 2018/1401 reg. 94\(2\)\(a\)](#) (This amendment not applied to legislation.gov.uk. Reg. 94(2) omitted (6.9.2019) by virtue of S.I. 2019/1232, regs. 1(2), 3(3)(h))
- Art. 78(1)(b) words substituted by [S.I. 2018/1401 reg. 94\(2\)\(b\)](#) (This amendment not applied to legislation.gov.uk. Reg. 94(2) omitted (6.9.2019) by virtue of S.I. 2019/1232, regs. 1(2), 3(3)(h))
- Art. 124(4)(b) word substituted by [S.I. 2018/1401 reg. 225\(1\)\(2\)reg. 225\(3\)\(b\)](#) (This amendment not applied to legislation.gov.uk. The words to be substituted in Art. 124(4) are not present following the substitution of Art 124 by Corrigendum to Regulation (EU) No 575/2013 of the European Parliament and of the Council of 26 June 2013 on prudential requirements for credit institutions and investment firms and amending Regulation (EU) No 648/2012 (OJ L 176, 27.6.2013, p. 1).)
- Art. 242(10)(c) and word inserted by [S.I. 2024/705 Sch. 2 para. 22\(b\)\(ii\)](#)
- Art. 244(4)(c) words substituted by [S.I. 2024/705 Sch. 2 para. 23](#)
- art. 270a(1A) inserted by [S.I. 2024/705 Sch. 2 para. 25\(b\)](#)
- Art. 325(3)(a) word omitted by [S.I. 2018/1401 reg. 157](#) (This amendment not applied to legislation.gov.uk. The words to be omitted are not present in Art. 325(3)(a))
- Art. 450(1)(d) words substituted by [2021 c. 22 Sch. 1 para. 41](#) (This amendment not applied to legislation.gov.uk. Pt. 8 omitted (1.1.2022) by virtue of S.I. 2021/1078, regs. 1(1), 10 (as substituted by S.I. 2021/1376, regs. 1(2), 32(4)))
- Art. 456(1)(h)(i) omitted by [S.I. 2021/1078 reg. 11\(2\)\(a\)\(iv\)](#) (This amendment not applied to legislation.gov.uk. Amending provision substituted by S.I. 2021/1376)
- Art. 459(b) omitted by [S.I. 2021/1078 reg. 11\(5\)\(a\)](#) (This amendment not applied to legislation.gov.uk. Amending provision substituted by S.I. 2021/1376)
- Art. 459(c) words substituted by [S.I. 2021/1078 reg. 11\(5\)\(b\)](#) (This amendment not applied to legislation.gov.uk. Amending provision substituted by S.I. 2021/1376)