Introduction to the Comprehensive Assessment disclosure templates

This document contains final disclosure of the results of the Comprehensive Assessment for UniCredit Bulbank AD. The template contains the bank's overall Comprehensive Assessment outcome, as well as further detail on Asset Quality Review (AQR) results.

This page provides detail on how to read the templates, and contains important caveats to consider within the context of final results

Bank-specific notes

Bank-specific note for fields E10-E18 Negative changes in coverage ratio displayed here are used to offset potential provisioning shortfalls identified during collective provisioning assessment for remaining exposures within the same portfolio. Total stock of provisions per portfolio does not decrease as per AQR methodology.

Sheet descriptions

Main Results and Overview

A. Key information on the bank before the Comprehensive Assessment (end-2018)B. The main results of the Comprehensive AssessmentC. Major capital measures impacting Tier 1 eligible capital, from 1 January 2019 to 30 June 2019

Detailed AQR Results

D. Matrix Breakdown of AQR Result
E. Matrix Breakdown of Asset Quality Indicators
F. Leverage ratio impact of the Comprehensive Assessment

Approved Restructuring Results

This is a repetition of Section B, main results of the Comprehensive Assessment, for those banks that have an agreed restructuring plan

		Section descriptions	
Section	Contents	Key fields	Notes
A. Main information on the bank before the Comprehensive Assessment (end-2018)	This section contains information on the size, performance and starting point capital holding of the ban as at year-end 2018	k any adjustments following the Comprehensive Assessmen	 Numbers in this section are provided primarily for transparency purposes and should not be used for comparisons to other sections/sheets. As an example, the NPE ratio exhibited in this section applies across all segments and all bank portfolios, and as such does not provide a like for like comparison with the NPE ratio data displayed in section E (which relates only to portfolios selected in Phase 1 of the AQR)
B. Main results of the Comprehensive Assessment	This key section of the disclosure template contains the main results of the Comprehensive Assessment	Key fields discussed in more detail below	

C. Major capital measures impacting Tier 1 eligible capital, from 1 January 2019 to 30 June 2019	This section displays major capital market activity affecting Tier 1 eligible capital		 Section C should be read as informational only. Figures here do not feed into the final CET1% results as detailed in section B, nor do they mitigate the bank's disclosed capital shortfall (B11) For banks with a capital shortfall, this information will be taken into account during the capital planning phase that follows disclosure of Comprehensive Assessment results
D. Matrix Breakdown of AQR Result	This section gives workblock specific AQR results	 D.A - D.F provides AQR results broken down by asset segment, and by AQR workblock D.G - D.I provides the results of the non-derivative exposures review D20 is the gross impact of the AQR before offsetting D24 is the net total impact of the AQR 	 The selection of asset classes for portfolio review was based on an approach aimed at identifying those portfolios with the highest risk of misclassification and misvaluation. Therefore, extrapolation of results to the non-selected portfolios would be incorrect from a statistical stand-point In the AQR exercise the resulting increase in provisions (from a supervisory perspective) are translated into a change in CET1 Items D1 to D20 are before offsetting impacts such as asset protection and taxes
E. Matrix Breakdown of Asset Quality Indicators	The section provides asset quality indicators (NPE levels and coverage ratio), broken down by asset segment	 E1 shows the evolution of NPE levels for portfolios selected in Phase 1 E10 shows the evolution of coverage ratios for portfolios selected in Phase 1 	 Information reported only for portfolios subject to detailed review in AQR, i.e. those selected in Phase 1 of the AQR Figures presented should not be interpreted as accounting figures
F. Leverage ratio impact of the Comprehensive Assessment	This shows the change in the leverage ratio from the AQ	R	 Leverage ratios are not binding based on the current regulatory framework, are displayed for information purposes only and have no impact on the capital shortfall Due to the 'static balance sheet' assumption used as part of the Stress Test, the leverage ratio might be misleading for the Stress Test and is therefore displayed for AQR only

Source of key figures / drivers of key results

MAIN RESULTS OF THE COMPREHENSIVE ASSESSMENT (CA)

CET1 Ratio at year end 2018, including retained earnings / losses of 2018 B1 = A6	%	10.00%	B1: The CET1 ratio starting point against which the Comprehensive Assessment impact is measured, as of 31 December 2018 Note: CET1 is defined in accordance with CRDIV/CRR
Aggregated adjustments due to the outcome of the AQR	Basis Points Change	-100	B2: Net AQR impact in basis points (after tax, risk protection and IFRS9 transitional arrangement netting effects) Note: Sourced from D24
AQR adjusted CET1 Ratio B3 = B1 + B2	%	9.00%	B3: Adjusted CET1 ratio based on the AQR outcome Note: Calculated as B1 + B2
Aggregate adjustments due to the outcome of the baseline scenario of the Stress Test to lowest capital level over the 3-year period	Basis Points Change	-200	B4: The delta between the AQR adjusted CET1% and the Baseline scenario CET1%, in the year where capital level vs threshold (8%) is the lowest
Adjusted CET1 Ratio after Baseline Scenario B5 = B3 + B4	%	7.00%	B5: Adjusted CET1 ratio based on the AQR outcome and Baseline Stress Test scenario Note: Calculated as B3 + B4
Aggregate adjustments due to the outcome of the adverse scenario of the Stress Test to lowest capital level over the 3-year period	Basis Points Change	-400	B6: The delta between the AQR adjusted CET1% and the Adverse scenario CET1%, in the year where capital level vs threshold (5.5%) is the lowest
Adjusted CET1 Ratio after Adverse Scenario B7 = B3 + B6	%	5.00%	B7: Adjusted CET1 ratio based on the AQR outcome and Adverse Stress Test scenario Note: Calculated as B3 + B6

For illustrative purposes only

2019 COMPREHENSIVE ASSESSMENT OUTCOME

ECB PUBLIC

NAME OF THE ENTITY

UniCredit Bulbank AD

1 Main Results and Overview

A MAIN INFORMATION ON THE BANK BEFORE THE COMPREHENSIVE ASSESSMENT (31.12.2018)

BGUNIC

			END 2018
A1	Total Assets (based on prudential scope of consolidation)	Mill. EUR	10,334.85
A2	Net (+) Profit/ (-) Loss of 2018 (based on prudential scope of consolidation)	Mill. EUR	220.13
A3	Common Equity Tier 1 Capital according to CRDIV/CRR definition, transitional arrangements as of 31.12.2018	Mill. EUR	1,388.44
A4	Total risk exposure according to CRDIV/CRR definition, transitional arrangements as of 31.12.2018	Mill. EUR	5,628.54
A5	Total exposure measure according to Article 429 CRR "Leverage exposure"	Mill. EUR	11,538.34
A6	CET1 ratio according to CRDIV/CRR definition, transitional arrangements as of 31.12.2018 A6 = A3 / A4	%	24.7%
A9	Leverage ratio	%	12.0%
A10	Non-performing exposure ¹ ratio	%	3.5%
A11	Coverage ratio for non-performing exposure ¹	%	75.2%
A12	Level 3 instruments on total assets	%	0.1%

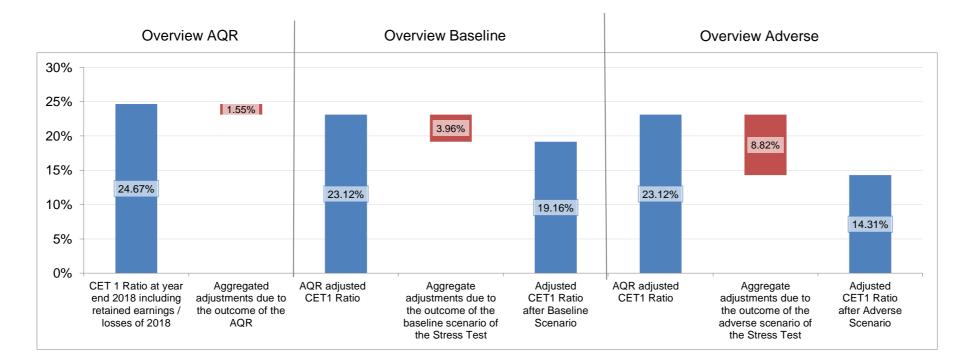
B MAIN RESULTS OF THE COMPREHENSIVE ASSESSMENT (CA)

B1	CET1 Ratio at year-end 2018, including retained earnings / losses of 2018 B1 = A6	%	24.7%
B2	Aggregated adjustments due to the outcome of the AQR	Basis Points Change	-155
B3	AQR adjusted CET1 Ratio B3 = B1 + B2	%	23.1%
B4	Aggregate adjustments due to the outcome of the <u>baseline</u> scenario of the Stress Test to lowest capital level over the 3-year period	Basis Points Change	-396
B5	Adjusted CET1 Ratio after Baseline Scenario B5 = B3 + B4	%	19.2%
B6	Aggregate adjustments due to the outcome of the <u>adverse</u> scenario of the Stress Test to lowest capital level over the 3-year period	Basis Points Change	-882
B7	Adjusted CET1 Ratio after Adverse Scenario B7 = B3 + B6	%	14.3%

Capit	al Shortfall	Basis Points ²	Mill. EUR
B8	to threshold of 8% for AQR adjusted CET1 Ratio	0	0.00
B9	to threshold of 8% in Baseline Scenario	0	0.00
B10	to threshold of 5.5% in Adverse Scenario	0	0.00
B11	Aggregated Capital Shortfall of the Comprehensive Assessment B11 = max (B8, B9, B10)	0	0.00

Footnotes

 NPE definition in line with the EBA definition set forth in the EBA final draft ITS on supervisory reporting on forbearance and non-performing exposures under Article 99(4) of Regulation (EU) No 575/2013. Note that all exposures classified as 'Stage 3' under the IFRS 9 impairment model are considered NPE for the purposes of CA following the above definition.
 RWA used corresponds to relevant scenario in worst case year of the stress test horizon



MAJOR CAPITAL MEASURES IMPACTING TIER 1 ELIGIBLE CAPITAL FROM 1 JANUARY 2019 TO 30 JUNE 2019¹

С

Issua	nce of CET1 Instruments	Impact on Common Equity Tier 1 Million EUR
C1	Raising of capital instruments eligible as CET1 capital	n/a
C2	Repayment of CET1 capital, buybacks	n/a
C3	Conversion to CET1 of hybrid instruments becoming effective between January and June 2019	n/a
Net is	ssuance of Additional Tier 1 Instruments	Impact on Additional Tier 1 Million EUR
C4	with a trigger at or above 5.5% and below 6%	n/a
C5	with a trigger at or above 6% and below 7%	n/a
C6	with a trigger at or above 7%	n/a
Fines	/Litigation costs	Million EUR
C7	Incurred fines/litigation costs from January to June 2019 (net of provisions)	n/a

- C7 Incurred fines/litigation costs from January to June 2019 (net of provisions)
- 1. Excludes any of the below capital measures already reflected in the CET1 starting point (A6)

2019 COMPREHENSIVE ASSESSMENT OUTCOME



2. Detailed AQR Results

D. Matrix Breakdown of AQR Result (B2)

Note:

• The selection of asset classes for portfolio review was based on an approach aimed at identifying portfolios with the highest risk of misclassification. Therefore, extrapolation of results to the non-selected portfolios would not be appropriate.

• The columns D.C to D.F include (but are not limited to) any impacts on provisioning associated with the reclassification (from a supervisory perspective) of exposures across stages of the IFRS 9 impairment model.

• In the AQR exercise the resulting increase in provisions (from a supervisory perspective) are translated into a change in CET1 capital.

• Items D1 to D20 are before offsetting impacts such as asset protection, taxes and IFRS9 transitional arrangements.

• Basis points are calculated using total risk exposure from Section A4.

• For the interpretation of the detailed results the interested reader may refer to the AQR manual outlining the methodology: https://www.bankingsupervision.europa.eu/ecb/pub/pdf/ssm.assetqualityreviewmanual201806.en.pdf

			D .A	D.B	D .	C	D	.D	[D .E	D	.F
	AQR breakdown			d	provisions		provisions	findings	provisions	iew	CET1 capital	tting
\bigvee	Asset class breakdown		Credit Risk RWA Q3 2018	Portfolio selected in Phase 1	justme	on sampled files	Adjustments to I	n of	stments to	due to collective provisioning revi	u	before any offse effects
		Units of Measurement		% of RWA selected in Phase 1	Basis Points	Mill. EUR	Basis Points	Mill. EUR	Basis Points	Mill. EUR	Basis Points	Mill. EUR
D1	Total credit exposure		10,516.34	37.9%	34	18.98	0	0.06	138	77.62	-172	-96.66
D2	Sovereigns and Supranational non-governmental organisations		455.47	0.0%	0	0.00	0	0.00	0	0.00	0	0.00
D3	Institutions		1,605.12	0.0%	0	0.00	0	0.00	0	0.00	0	0.00
D4	Retail		2,132.32	51.5%					7	4.03	-7	-4.03
D5	thereof SME		528.11	50.0%					0	0.00	0	0.00
D6	thereof Residential Real Estate (RRE)		497.94	56.6%					0	0.00	0	0.00
D7	thereof Other Retail		1,106.27	50.0%					7	4.03	-7	-4.03
D8	Corporates		6,323.43	45.6%	34	18.98	0	0.06	131	73.59	-165	-92.63
D9	Other Assets		0.00	-	0	0.00	0	0.00	0	0.00	0	0.00

D10 Additional information on portfolios with largest adjustments accounting for (at least) 30% of total banking book AQR adjustment:

Asset Class	Geography									
Large SME (non real estate)	BULGARIA	1,182.00	2	1.29	0	0.00	75	42.21	-77	-43.50
Large corporates (non real estate)	BULGARIA	1,255.00	24	13.49	0	0.06	51	28.59	-75	-42.14
		0.00	0	0.00	0	0.00	0	0.00	0	0.00

			D.G	D.H	D	.l
			Portfolio size Carrying Amount	Portfolio selection	Impact on CET1 be effe	, , , , , , , , , , , , , , , , , , ,
		Units of Measurement	Mill. EUR	% selected in Phase 1	Basis points	Mill. EUR
D11	CVA	enne en modeurement			0	0.00
D12	Fair Value review				0	0.00
D13	Non derivative exposures review	Please refer to Definitions and Explanations s	34	0.0%	0	0.00
D14	Bonds		7	0.0%	0	0.00
D15	Securitisations		0	-	0	0.00
D16	Loans		0	-	0	0.00
D17	Equity (Investment in PE and Participations)		20	0.0%	0	0.00
D18	Investment Properties / Real Estate / Other		7	0.0%	0	0.00
D19	Derivatives Model Review		0	0.0%	0	0.00

D.J	D		
	Total impact on CET1 based on adjustments outlined in D.A-D.I		
pints ¹ Mill. EUR	Basis points ¹		
-172 -96.66	-172		
0.00	0		
17 9.67	17		
n/a n/a	n/a		
-155 -87.00	-155		

D20 Gross impact on capital

D21 Offsetting impact due to risk protection

D22 Offsetting tax impact

- D23 Offsetting IFRS9 transitional arrangement impact
- **D24** Net total impact of AQR results on CET1 ratio Please refer to Definitions and Explanations sheet D24 = D20 + (D21 + D22 + D23)

¹ Basis point impact due to CET1 capital adjustments

E. Matrix Breakdown of Asset Quality Indicators

Note:

• The selection of asset classes for portfolio review was based on an approach aimed at identifying those portfolios with the highest risk of misclassification. Therefore, extrapolation of results to the non-selected portfolios would not be appropriate. • Changes in non-performing exposure as a result of the AQR reflect reclassification of exposures (from a supervisory perspective) into stage 3 of the IFRS 9 impairment model (see Section 4.5.2, Asset Quality Review Phase 2 Manual).

Information reported only for portfolios subject to detailed review in AQR Asset quality indicators

Non-Performing Exposure Ratio

- E1 <u>Total credit exposure</u>
- E2 Sovereigns and Supranational non-governmental organisations
- Institutions E3
- E4 Retail
- E5 thereof SME
- E6 thereof Residential Real Estate (RRE)
- E7 thereof Other Retail
- E8 Corporates
- E9 Other Assets

	E.A	E.B	E.C	E .D
	Unadjusted NPE Level year end 2018	Changes due to the credit file review	Changes due to the projection of findings	AQR-adjusted NPE Level
Units of Measurement	%	Basis Points	Basis Points	%
	6.2%	245	17	8.8%
	-	-	-	-
	-	-	-	-
	4.4%	1	3	4.4%
	7.3%			7.3%
	3.7%	2	9	3.8%
	2.9%			2.9%
	7.3%	397	25	11.5%
	-	-	-	-

<u>Coverage F</u>	<u>Ratio</u>

		E.E	E.F	E.G	E.H	E .I	E.J
Coverage Ratio NB: Coverage ratios displayed in E.E - E.I cover only the exposure that was marked as non-performing pre-AQR. Therefore exposures that were newly reclassified to NPE during the AQR are NOT included in the calculation for E.E - E.I		Unadjusted coverage ratio of non-performing exposure, year end 2018	Changes due to the credit file review on non-performing exposures	Changes due to the projection of findings on non-performing exposures	Changes due to the collective provisioning review on non-performing exposures	AQR - adjusted ratio of provisions on NPE to NPE	Coverage ratio for exposures newly classified as NPE during the AQR
Meas	Units of surement	%	%-points	%-points	%-points	%	%
Total credit exposure		73.2%	-2.6%	0.0%	-1.1%	69.6%	17.2%
Sovereigns and Supranational non-governmental organisation	[-	-	-		-	-
Institutions		-	-	-		-	-
Retail		78.2%			-4.0%	74.2%	59.9%
thereof SME		88.0%			0.0%	88.0%	
thereof Residential Real Estate (RRE)		61.8%			-1.8%	59.9%	59.9%
thereof Other Retail		81.9%			-13.6%	68.3%	
Corporates		71.4%	-3.5%	0.0%		67.8%	16.9%
Other Assets		-	-	-		-	-

E10	Total credit exposure			

- E11
- E12
- E13
- E14
- E15
- E16
- E17

For information purposes only

F. LEVERAGE RATIO IMPACT OF THE COMPREHENSIVE ASSESSMENT

Note:

E18

• Note that the leverage ratio is calculated based on the COMMISSION DELEGATED REGULATION (EU) 2015/62 of 10 October 2014 amending Regulation (EU) No 575/2013 of the European Parliament and of the Council

• It is not binding based on the current regulatory framework, is displayed for information purposes only and has no impact on the capital shortfall (B11).

• As the constant balance sheet assumption, which is applied in the Stress Test, might be misleading for the leverage ratio, the ratio is displayed for AQR only.

F1	Leverage Ratio at year end 2018 Please refer to Definitions and Explanations sheet	%	12.0%
F2	F1 = A9 Aggregated adjustments to Leverage Ratio due to the outcome of the AQR F2 = $(D20+D21+D22+D23)/A5$	Basis Points	-75
F3	AQR adjusted Leverage Ratio F3 = F1 + F2	%	11.3%

AMA ANA ANA ANA ANA ANA ANA ANA ANA ANA	
NControlControlControl0ControlControlControl	tion or further explanation
Image: decision of the sector of the sect	
NoteNote of the sector of the se	n balance positions. Note that for this and all following positions the scope of consolidation follows Article 18 CRR (therefore direct comparison with financial accounts based on accounting sco idation will result in differences). Year-end 2018.
addNationalNationaladdCarl Structure relation of kountain to.Carl StructureaddCT 100Add AddaddCT 100Add Add Add Add Add Add Add Add Add Ad	is (positive number) or net losses (negative number) in the year 2018. After taxes. Excludes Other Comprehensive Income. The scope of consolidation follows Article 18 CRR (therefore direct on with financial accounts based on accounting scope of consolidation will result in differences).
s a constant a serie of a constant a constant a serie of a constant a serie of a constant a constant a serie of a constant a constan	nd 2018, according to CRD IV/CRR definition (Article 50 CRR) including transitional arrangements as of 31.12.2018.
g Construction (body, above, abo	g to CRD IV/CRR definition (Article 92.3 CRR), "total RWA", as of year-end 2018 including transitional arrangements as of 31.12.2018.
Image: Section of the control of the contro	ator of leverage ratio (A9), "leverage exposure", according to COMMISSION DELEGATED REGULATION (EU) 2015/62 of 10 October 2014 amending Regulation (EU) No 575/2013 of the n Parliament and of the Council with regard to the leverage ratio.
922	4, Article 92.2a CRR, figures as of year-end 2018.
No proteining accesses alsoResults proteining accesses alsoResults proteining accesses alsoAnd partDescriptioning accessesResults proteining accessesAnd proteining accessesDescriptioning accessesResults proteining accessesAnd 	e ratio at year-end 2018 according to COMMISSION DELEGATED REGULATION (EU) 2015/62 of 10 October 2014 amending Regulation (EU) No 575/2013 of the European Parliament and cil with regard to the leverage ratio
A11 Consequencia for ranges for fing excesse Excess A12 Consequencia for ranges for fing excesse Second and and and and and and and and and a	e that is non-performing according to NPE definition set forth in the EBA final draft ITS on supervisory reporting on forbearance and non-performing exposures under Article 99(4) of Regulation 575/2013. Note that all exposures classified as 'Stage 3' under the IFRS 9 impairment model are considered NPE for the purposes of CA following the above definition.
12*2 Level 3 rearrants on tool assess Not define Not define 25 MARK EQUITS OF THE COMPREHENSIVE ASSESSMENT (CAN STAR 26 Aggregatis algorithments due to the outcomes of the ACIR Star due 1 27 Aggregatis algorithments due to the outcomes of the Desating accessment of the Stress Tast Additional 26 Aggregatis algorithments due to the outcomes of the Desating accessment of the Stress Tast Additional 26 Aggregatis algorithments due to the outcome of the Desating accessment of the Stress Tast Additional 26 Aggregatis algorithments due to the outcome of the Desating accessment of the Stress Tast Additional 26 Aggregatis algorithments due to the outcome of the Desating accessment of the Stress Tast Additional 27 Aggregatis algorithments due to the outcome of the Desating Stress Tast Bit - 0:0 28 Desating Cancelland CETT Ratic Bit - 0:0 29 Desating Cancelland CETT Ratic Bit - 0:0 20 Desating Cancelland CETT Ratic Bit - 0:0 20 Desating Cancelland CETT ratic Bit - 0:0 20 Desating Cancelland CETT ratic Bit - 0:0 21 Cancelland CETT ratic Bit - 0:0 22 Desating Cancelland CETT ratic Bit - 0:0 23 Cancelland CETT ratic Bit - 0	wances for expected credit losses as per IFRS9(5.5)
Bit CETT Ratio B1-461 D2 Aggragated adjustments due to the outcome of the AOR Surf effit D3 AOR educated CET1 Ratio Surf effit D4 Aggragate adjustments due to the outcome of the Education scanato of the Shors Tast! Addition of Additional Surf educations of the Education scanato of the Shors Tast! Addition of Additional Surf educations of the Education scanato of the Shors Tast! Additional Surf educations of the Education scanato of the Shors Tast! Additional Surf educations of the Education of the Education scanato of the Shors Tast! Additional Surf educations of the Educations of Educations	ssets according to IFRS 13, para. 86-90 ed for banks using nGAAP. ets = A1
01 CET1 Raio 61-46 62 Aggregated adjustments due to the outcome of the AQR Surf eff all 63 AGR adjusted CET1 Raio Surf eff all 64 Aggregate adjustments due to the outcome of the basetre scenario of the Stress Tast Addition of AGR 65 Adjusted CET1 Raio Surf eff all Adjusted CET1 Raio Surf eff all 66 Aggregate adjustments due to the outcome of the basetre scenario of the Stress Tast Adjusted CET1 Raio after Adverse Stream's Surf eff at the stream of all is adverse down of the basetre scenario of the Stress Tast Adjusted CET1 Raio after Adverse Stream's Surf eff at the stream of all is Adverse Stream's Surf eff at the stream of all is Adverse Stream's Surf eff at the stream of all is Adverse Stream's Surf eff at the stream of all is Adverse Stream's Surf eff at the stream of all is Adverse Stream's Surf eff at the stream of all is Adverse Stream's Surf eff at the stream of all is Adverse Stream's Surf eff at the stream of all is Adverse Stream's Surf eff at the stream of all is adverse adverse adverse is ad	
B2 Aggregated adjustments due to the outcome of the AQR Bun cl af J B3 AQR adjusted CET1 Ratio B3-bit B4 Aggregate adjustments due to the outcome of the baseline scenario of the Stress Test Adjusted CET1 Ratio B5 Adjusted CET1 Ratio Babeline B5 Adjusted CET1 Ratio other Baseline Scenario Babeline B5 Adjusted CET1 Ratio other Adverse Scenario Babeline B5 Adjusted CET1 Ratio other Adverse Scenario Babeline B5 Adjusted CET1 Ratio other Adverse Scenario Babeline B5 Stratif to Inversided of Nin AGR Adjusted Scenario Babeline B6 Stratif to Inversided of Si Nin Adverse Scenario Babeline B1 Aggregated adjustments due to the outcome of the adverse scenario Babeline B1 Adjusted CET1 Ratio other Adverse Scenario Babeline C1 Adjusted CET1 Ratio other Adverse Scenario Babeline C2 Adjusted CET1 ratio other Adverse Scenario Colangue to the scenario other Adverse Scena	
33 ANK B00BIN CE 11 Ratio Based ony 34 Aggregate adjustments due to the outcome of the baseline scenario of the Sines Test Additional 35 Aggregate adjustments due to the outcome of the outcome of the Sines Test Additional 36 Aggregate adjustments due to the outcome of the outcome of the Sines Test Additional 37 Adjusted CET1 Ratio dark Adverse Scenario Bio Test 38 Storial to threshold of Sin. Ko Adjusted CET1 Ratio Bio Test 39 Storial to threshold of Sin. Ko Adjusted CET1 Ratio Bio Test 30 Storial to threshold of Sin. Ko Adjusted CET1 Ratio Bio Test 30 Storial to threshold of Sin. Ko Adjusted CET1 Ratio Bio Test 30 Storial to threshold of Sin. Ko Adjusted CET1 Ratio Bio Test 30 Adjusted CET1 Ratio Bio Test 30 Adjusted CET1 Ratio Bio Test 310 Adjusted CET1 Ratio Bio Test 311 Adjusted CET1 Ratio adjuster Copied Particle Notes Comparison 32 Remonandum Items Comparison CET1 oppited (s) Charges to adjuster Cepited Particle Notes 33 Comparison CET1 oppited Informants (s) Charges to adjuster Cepited Particle Notes Net tosano 34 Comparison CET1 oppited Informants (s) Charges to adjuster Cepited Partinfor	I AQR results impacting the CET1 ratio. A breakdown is provided in the sheet "Detailed AQR Results". In basis points, marginal effect.
Adjusted CET / Ratio alter Baseline Scenario Rest-Rui + 6 Note But it 56 Adjusted CET / Ratio alter Baseline Scenario Rest-Rui + 6 Note But it 57 Adjusted CET / Ratio alter Adverse Scenario Rest-Rui + 6 Note But it 58 Stordill to freebood of Nr. KeAR adjusted CETT Ratio Rest-Rui + 6 Note But it 59 Stordill to freebood of Nr. KeAR adjusted CETT Ratio Res - 6 Note But it 50 Stordill to freebood of Nr. KeAR adjusted CETT Ratio Res - 6 Note But it 50 Stordill to freebood of Nr. KeAR adjusted CETT Ratio Res - 6 Note But it 50 Stordill to freebood of Nr. KeAR adjusted CETT Ratio Res - 6 Note But it 51 Adjusted Cettra But it Adverse Scenario B1 - 6 Note But it 51 Adjusted Cettra But it Adverse Scenario B1 - 6 Note But it 51 Adjusted Cettra But it Adverse Scenario B1 - 6 Note But it 51 Adjusted Cettra But it Adverse Scenario B1 - 6 Note But it 51 Adjusted Cettra But it Adverse Scenario Dita - 5 Note But it 51 Adjusted Cettra But it Adverse Scenario Dita - 5 Note But it 51 Adjusted Cettra Adverse Scenario Note But it <td>+ B2 year-end 2018 figures and CRD IV/CRR definition including transitional arrangements as of 31.12.2018.</td>	+ B2 year-end 2018 figures and CRD IV/CRR definition including transitional arrangements as of 31.12.2018.
bs Applicable Lie 11 relation after backeries scenario Note that is 66 Aggregate adjustments due to the outcome of the adverse scenario of the Stress Test October 2000 57 Adjusted CET1 ratio after Adverse Scenario BF = 64.5 58 Shorthalt to threadold of 5% in Adverse Scenario BF = 64.5 59 Shorthalt to threadold of 5% in Adverse Scenario BF = 64.5 59 Shorthalt to threadold of 5% in Adverse Scenario BF = 64.5 50 Shorthalt to threadold of 5% in Adverse Scenario BF = 64.5 51 Shorthalt to threadold of 5% in Adverse Scenario BF = 64.5 51 Shorthalt to threadold of 5% in Adverse Scenario BF = 64.5 51 Aggregated Capital Shorthalt of the Comprehensive Assessment BF = 64.5 52 Memorandum Items BF = 64.5 52 Resymmet of CET1 capital (adverse Scenario Contenges to CET1 capital (adverse Scenario Contenges to CET1 capital (adverse Scinario) Contenges to CET1 capital	I adjustments due to Baseline Scenario to lowest capital level over the 3-year period.
90 Appropriate signatures out to the outcome of the	B3 This is an estimate of the outcome of a hypothetical scenario and refers to a future point in time. It should not be confused with the bank's forecast or multi-year plan.
27 Adjusted C-11 Natio after Adverter a Societario Note that it 38 Stortfall to intreshold of Kis for ADA adjused CET1 Natio B5 - 08 - 08 - 08 - 08 - 08 - 08 - 08 - 0	I adjustments due to Adverse Scenario to lowest capital level over the 3-year period, i.e. the one resulting in the lowest hypothetical CET1 ratio in the three year-ends (YE2016,YE2017, YE2018) ed.
98 Shorf all to threshold of \$%. Baskens Scenario 99 e (6.5) 910 Shorf all to threshold of \$.5%. In Adverse Scenario 810 e (5.5%) 911 Aggenated Capital Shorf all of the Comprehensive Assessment 811 e max 92. Memoradum items Raising of capital instruments eligible as CET1 capital (4) Changes it 92. Memoradum items Regayment of CET1 capital, buycacks (-) Changes it 92. Goversion to CET1 of axisting hytidi instruments (4) Relations Per (5.5%) 92. Goversion to CET1 of axisting hytidi instruments (4) Relations Per (5.5%) 92. Goversion to CET1 of axisting hytidi instruments (4) Relations Per (5.5%) 92. Goversion to CET1 of axisting hytidi instruments (4) Relations Per (5.5%) 92. Goversion to CET1 of axisting hytidi instruments (4) Relations Per (5.5%) 93. Goversion to CET1 of axisting hytidi instruments (4) Relations Per (5.5%) 93. Goversion to CET1 of axisting hytidi instruments (4) Relations Per (5.5%) 93. Goversion to Add Result Incurred fines/filigation costs from January to September 2016 (net of provisions) Per (5.5%) 93. Goversion to Add Result Corporates Corporates Per (5.5%) 93. Goversion to Add Result Per (5.5%) Per (5.5%) Per (5.5%) 93. Goversion to Add Result	+ B6 this is an estimate of the outcome of an adverse hypothetical scenario and refers to a future point in time. It should not be confused with the bank's forecast or multi-year plan.
111 Aggregated Capital Shortfal of the Comprehensive Assessment B11 = max 21. Memorandum Items Repayment of CET1 capital instruments eligible as CET1 capital (+) Changes to 22. Memorandum Items Convension to CET1 ad existing hybrid instruments (+) Changes to 23. Convension to CET1 ad existing hybrid instruments (+) Changes to Changes to 24. Additional Ter 1 Instruments with a trigger at or above 55% and below 6% Medi Issan 25. Memorandum Items Net Issuance of Additional Ter 1 Instruments with a trigger at or above 5% and below 7% Net Issuance of Additional Ter 1 Instruments with a trigger at or above 7% Net Issuance of Additional Ter 1 Instruments with a trigger at or above 7% Net Issuance of Additional Ter 1 Instruments with a trigger at or above 7% Net Issuance of Additional Ter 1 Instruments with a trigger at or above 7% Net Issuance of Additional Ter 1 Instruments with a trigger at or above 7% Net Issuance of Additional Ter 1 Instruments with a trigger at or above 7% Net Issuance of Additional Ter 1 Instruments with a trigger at or above 7% Net Issuance of Additional Ter 1 Instruments with a trigger at or above 7% Net Issuance of Additional Ter 1 Instruments with a trigger at or above 7% Net Issuance of Additional Ter 1 Instruments with a trigger at or above 7% Net Issuance of Additional Ter 1 Instruments with a trigger at or above 7% Net Issuance of Additional Ter 1 Instruments with a trigger at or above 7% Net Issuance of Additional Ter 1 Instruments with a trigger at or above 7% Net Issuance of Additional Ter 1 Instruments with a trigger at or	B3) * 100 (if B3<8, otherwise 0) B5) * 100 (if B5<8, otherwise 0)
Lemma Image: Comparison of CET1 capital (b) Image: Comparison of CET1 capital (b) 21 Respondent of CET1 capital (b) bubbles (c) Changes to capital bubbles (c) Changes to capi	5 - B7) * 100 (if B7<5.5, otherwise 0)
21 Raising of capital instruments eligible as CET1 capital (+) Changes to 22 Repayment of CET1 capital, buybacks (-) Changes to 23 Conversion to CET1 of daking hybrid instruments (+) Changes to 24 Net issuance of Addisonal Tier 1 instruments with a trigger at or above 5% and below 6% Net issuance 25 Net issuance of Addisonal Tier 1 instruments with a trigger at or above 5% and below 7% converted 26 Net issuance of Addisonal Tier 1 instruments with a trigger at or above 6% and below 7% Net issuance 26 Net issuance of Addisonal Tier 1 instruments with a trigger at or above 6% and below 7% Net issuance 27 Incurred fines/filigation costs from January to September 2016 (net of provisions) Net issuance 27 Corporates freat ratio freat estate 28 Corporates result sect class 29 A Credit Risk RWA year end 2018 real estate 20 A Credit Risk RWA year end 2018 Anount of 29 A Credit Risk RWA year end 2018 Anount of 20 A Credit Risk RWA year end 2018 Anount of 20 Corporates real estate real estate 20 A Credit Risk RWA year end 2018 Anount of 21 Cor	
22 Repayment of CET1 capital, buybacks (-) Charges to 23 Conversion to CET1 of existing hybrid interuments (+) Charges to 24 Net issuance of Additional Tier 1 instruments with a trigger at or above 5.5% and below 6% Net issuance 25 Net issuance of Additional Tier 1 instruments with a trigger at or above 5.5% and below 7% Net issuance 26 Net issuance of Additional Tier 1 instruments with a trigger at or above 7%. Net issuance 26 Net issuance of Additional Tier 1 instruments with a trigger at or above 7%. Net issuance 27 Incurred fines/fitigation costs from January to September 2016 (net of provisions) Incurred fines/fitigation costs from January to September 2016 (net of provisions) Net issuance 20 A Credit Risk RMA year end 2018 Total credit 21.0 Corporates Corporates Associas 22.0 Corporates Anount of Initiacation 23.0 A Coefit Risk RMA year end 2018 Total credit 24.0 Corporates Anount of Initiacation 25.0 A Coefit Risk RMA year end 2018 Total credit 26.0 Coefit Risk RMA year end 2018 Totala credit Initiacation on an	
24 Net Issuance of Additional Tier 1 Instruments with a trigger at or above 5.5%, and below 6%. Net Issuance been common been common overted 25 Net Issuance of Additional Tier 1 Instruments with a trigger at or above 6% and below 7%. Net Issuance converted 26 Net Issuance of Additional Tier 1 Instruments with a trigger at or above 6% and below 7%. Net Issuance converted 27 Incurred fines/Riligation costs from January to September 2016 (net of provisions) Incurred fine Converted 20. Matrix Breakdown of AQR Result Asset class Corporates real estate real estate real estate on a sampled files Particlo estected Inducation 20. Corporates Corporates Amount of the collective provisions due to projection of findings. Amount of the collective provisions due to collective provision review Portfolio Sea and Portfolio Sea Carrying Amount Adjustments on CET1 before offsetting impact Portfolio Sea and Portfolio Sea Carrying Amount ACR adjustments on CET1 before offsetting impact Amount of CVA Che e- Grid Ket as Not et its and CVA Che e- Grid Ket as Not et its and CVA Che e- Grid Ket as 201 Adjustments on CET1 before offsetting impact CVA Che e- Grid Ket as Not et its and CVA Che e	to CET1 due to new issuances of common equity to CET1 due to repayment or reduction of CET1 (i.e. buybacks).
C3 Net issuance of Additional Tier 1 Instruments with a trigger at or above 6% and below 7% Net issuance or Additional Tier 1 Instruments with a trigger at or above 6% and below 7% Net issuance or Additional Tier 1 Instruments with a trigger at or above 6% and below 7% Net issuance or Additional Tier 1 Instruments with a trigger at or above 6% and below 7% Net issuance or Additional Tier 1 Instruments with a trigger at or above 7% Converted C7 Incurred fines/itilgation costs from January to September 2016 (net of provisions) Incurred fine only trigger DA Corporates real estate Corporates Corporates real estate D.A Corporates real estate D.D Corporates real estate D.D Adjustments on CET1 real estate	to CET1 due to conversion of existing hybrid instruments into CET1 which took place between 1 January 2019 and 30 June 2019. ance of AT1 Instruments (Article 52 CRR) with a trigger at or above 5.5% and below 6% between 1 January 2019 and 30 June 2019, expressed in terms of RWA. AT1 instruments which have
Control Control Control Net Issuance of Additional Tier 1 Instruments with a trigger at or above 7% Net issuance or Additional Tier 1 Instruments with a trigger at or above 7% Control Incurred fines/filigation costs from January to September 2016 (net of provisions) Incurred fines/filigation costs from January to September 2016 (net of provisions) Control Corporates Asset class Control Credit Risk RWA year end 2018 Total credit Risk RWA year end 2018 Control Adjustments to provisions Amount of on sampled files Control Adjustments to provisions due to projection of Indings Amount of the Adjustment to provisions due to projection of Indings Control Adjustments to provisions due to provisions due to provisions due to colective provisioning review Amount of the Adjustment to provisions due to colective provision (preview) Amount of the Adjustments on CET1 Cond Adjustments on CET1 before offsetting impact CrovA Che che colective and adjustments accounting for (at least) 30% of total banking book Cola Adjustments on CET1 before offsetting impact CrovA Che che colective provision accounting for (at least) 30% of total banking book This braak Acce to account	werted into CET1 are not to be accounted for in this cell to avoid double counting with C3.
Image: Control of Control o	d into CET1 are not to be accounted for in this cell to avoid double counting with C3. ance of AT1 Instruments (Article 52 CRR) with a trigger at or above 7% CET1 between 1 January 2019 and 30 June 2019, expressed in terms of RWA. AT1 instruments which have been
Asset class Corporates Asset class D.A. Credit Risk RWA year end 2018 Total credit D.B. Portfolio selected Indication D.C. Adjustments to provisions Amount of D.D. Adjustments to provisions due to Amount of D.D. Adjustments to provisions due to Amount of D.E. Adjustment to provisions due to Amount of D.F. Adjustment on findings Amount of D.F. Adjustment on CET1 Before offsetting impact Gross and D.A. Portfolio selection market as: D.A. Adjustments on CET1 Before offsetting impact Portfolio size D.A. Quistments on CET1 before offsetting impact Portfolio selection market as: D.A. Adjustments on CET1 before offsetting impact Amount of nearby and	d into CET1 are not to be accounted for in this cell to avoid double counting with C3. fines/litigation costs from 1 January 2019 to 30 June 2019 (net of provisions). ation costs with a realized loss > 1 Basis Point of CET1 (as of 1.1.2019) are in scope.
Asset class Corporates Asset class D.A. Credit Risk RWA year end 2018 Total credit D.B. Portfolio selected Indication D.C. Adjustments to provisions Amount of D.D. Adjustments to provisions due to Amount of D.D. Adjustments to provisions due to Amount of D.E. Adjustment to provisions due to Amount of D.F. Adjustment on findings Amount of D.F. Adjustment on CET1 Before offsetting impact Gross and D.A. Portfolio selection market as: D.A. Adjustments on CET1 Before offsetting impact Portfolio size D.A. Quistments on CET1 before offsetting impact Portfolio selection market as: D.A. Adjustments on CET1 before offsetting impact Amount of nearby and	
D.A. Credit Risk RWA year end 2018. Total credit D.B. Portfolio selected Indication of D.C. Adjustments to provisions Amount of D.D. Adjustment to provisions due to projection of findings D.D. Adjustment to provisions due to projection of findings D.D. Adjustment to provisions due to Amount of D.E. Adjustment to provisions due Amount of D.F. Adjustment to no CET1 Gross amount of D.G. Portfolio selection antext as D.G. Portfolio selection Gross amount of D.A. Portfolio selection Indication on D.A. Portfolio selection Market as D.J. Adjustments on CET1 before offsetting impact Amount of D.A. Adjustments on CET1 before offsetting impact Amount of D.J. Adjustments on CET1 before offsetting impact Amount of D.J. Adjustments on CET1 before offsetting impact Amount of D.J. Adjustments on CET1 before offsetting impact Amount of D.J. Adjustments on ceT1 before offsetting impact This break	
0.0 on samplef files This includ 0.0 Adjustments to provisions due to projection of findings Amount of projection of findings 0.1 Adjustment to provisions due to collective provisioning review Amount of in the AQR 0.1 Adjustments on CET1 before offsetting impact Gross and Carrying Amount 0.2 Portfolio size Anount of in the AQR 0.3 Portfolio size Gross and Carrying Amount 0.4 Portfolio size Portfolio size 0.4 Portfolio selection Indicators 0.4 Portfolio selection Indicators 0.5 Adjustments on CET1 before offsetting impact Amount of - CVA Cha - the differ 0.1 Adjustments on CET1 before offsetting impact Amount of - CVA Cha - the differ 0.10 Additional information on portfolios with largest adjustments accounting for (at least) 30% of total banking book AQR adjustment: This break Note this a 011 CVA CVA Adjustments to fair value assets in the banking and trading book Adjustment Aggregater	dit risk weighted assets including off balance sheet items. In of the fraction of the overall RWA per asset class that was selected in Phase 1 of the AQR. In adjustments to specific provisions on the credit file samples.
Defer Adjustment to provisions due to collective provisioning review Amount of in the AQR D.F Adjustments on CET1 Gross and Defore offsetting impact Portfolio siz D.G Portfolio size Carrying Amount Portfolio size Carrying Amount Portfolio size D.H Portfolio selection Indication of market as: Adjustments on CET1 before offsetting impact Amount of - CVA Cha - the differ D.I Adjustments on CET1 before offsetting impact Amount of - CVA Cha - the differ This break Note this a D10 Additional information on portfolios with largest adjustments accounting for (at least) 30% of total banking book AQR adjustment: This break Note this a D11 CVA CVA CVA cod as easets in the banking and trading book Adjustment on in thin	In adjustments to specific provisions on the credit file samples. Ides all files from the single credit file review.
D.F before offsetting impact Gross and D.G Portfolio size Carrying Amount Portfolio size D.H Portfolio selection Indication on market as D.I. Adjustments on CET1 before offsetting impact Amount of - CVA Cha - the differe D10 Additional information on portfolios with largest adjustments accounting for (at least) 30% of total banking book This break Note this a D11 CVA CVA Adjustments to fair value assets in the banking and trading book Adjustment	of adjustments to collective provisions as determined based on the challenger model in cases where the bank's collective provisioning model is found to be out of line with the standards expressed
D.H Portfolio selection Indication of market as D.I Adjustments on CET1 before offsetting impact Amount of - CVA Cha - the differe D10 Additional information on portfolios with largest adjustments accounting for (at least) 30% of total banking book AQR adjustment: This break Note this a D11 CVA CVA Adjustments to fair value assets in the banking and trading book Adjustment D12 Adjustments to fair value assets in the banking and trading book Aggregated	nount of the aggregated adjustments disclosed in D.C - D.E before the offsetting impact of risk protection and tax (negative numbers).
D.I. Adjustments on CET1 before offsetting impact - CVA Cha D10 Additional information on portfolios with largest adjustments accounting for (at least) 30% of total banking book This break D11 Additional information on portfolios with largest adjustments accounting for (at least) 30% of total banking book Adjustment D11 CVA CVA Adjustment Adjustment D12 Adjustments to fair value assets in the banking and trading book Aggregated	of the carrying amount (gross mark-to-market as of year-end 2018, before AQR adjustment) of positions that have been reviewed by Bank Team divided by total carrying amount (gross mark- s of year-end 2018, before AQR adjustment and before PP&A) for this asset class.
AQR adjustment: Note this a D11 CVA D12 Adjustments to fair value assets in the banking and trading book	of adjustments resulting from: nallenger model (D11). erent components of the fair value exposures review (D13-D19), as well as the fair value review as a whole (D12).
D11 CVA CVA CVA, calculation D12 Adjustments to fair value assets in the banking and trading book Aggregated	Ikdown is omitted where the overall AQR impact (B2) is less than 10 basis points CET1 and single rows are omitted where they have an impact of less than 1 basis point CET1. adjustment is already reflected in the asset class break down of D1 to D9 and displayed here only on a more granular level. nts resulting from CVA challenger model.
D12 Adjustments to fair value assets in the banking and trading book Aggregated	Article 383 CRR culated as the market loss-given-default multiplied by the sum of expected losses at each point in time. The expected loss at each point in time i is calculated as the product of the PD factor at the me and the Exposure factor at that point in time.
	ed adjustment from the Fair Value Exposures Review, excluding the adjustment to CVA (D11) and AVA (D20). Ides changes in scope of exposure following PP&A. Note that this includes fair valued real estate positions.
D20 Gross impact on capital Sum of D.F	nts to reserves resulting form the Derivative Pricing Model Review. P.F1, D.I 11, D.I 12 and D.I 20
Gross amo	nount of the aggregated CET1 adjustment based on the AQR before offsetting impact of asset protection, insurance, tax (negative number) and IFRS9 transitional arrangements. ed estimated impact of asset protection schemes (e.g. portfolio guarantees) and insurance effects that may apply to applicable portfolios (positive number).
D22 Offsetting tax impact The offsett	etting tax impact includes the assumed creation of DTAs, which accounts for limitations imposed by accounting rules. Appropriate CRR IV DTA deductions are made for any tax offsets. The offsetting impact of transitional arrangements for mitigating the impact of the introduction of IFRS 9 as per Regulation (EU) 2017/2395 of the European Parliament and of
D23 Offsetting IFRS9 transitional arrangement impact the Counci	cil of 12 December 2017. Calculated as per AQR Manual Chapter 9.5.

E. Matrix Breakdown of Asset Quality Indicators

The asset quality indicators are based on NPE according to EBA definition (see Section 2.4.4. of the AQR Phase 2 manual): • NPE definition in line with the EBA definition set forth in the EBA final draft ITS on supervisory reporting on forbearance and non-performing exposures under Article 99(4) of Regulation (EU) No 575/2013. • According to paragraph 145 of Annex V of the EBA ITS on supervisory reporting, NPEs are those that satisfy either or both of the following criteria: - material exposures which are more than 90 days past due; - the debtor is assessed as unlikely to pay its credit obligations in full without realisation of collateral, regardless of the existence of any past-due amount or of the number of days past due. The definition of NPEs is therefore based on the "past due" criterion and the "unlikely to pay" criterion. Note that all debtors classified as Stage 3 by the bank are also considered NPE following the above definition.

The figures presented should not be understood as accounting figures.

E.A	Unadjusted NPE Level vear end 2018	Total NPE for all portfolios in-scope for detailed review during the AQR. Expressed as a percentage of Total Exposure for these portfolios.
E.B	Changes due to the single credit file review	Exposure re-classified from performing to non-performing according to the CFR classification review.
E.C	Changes due to the projection of findings	Exposure re-classified from performing to non-performing according to the projection of findings.
E .D	AQR - adjusted NPE level	Numerator: Exposure reported by the bank as non-performing according to the EBA NPE definition (see AQR Phase 2 Manual Section 2.4.4. and explanation for A10 above) at year end 2018 + Exposure re-classified from performing to non-performing according to the CFR classification review and projection of findings. Denominator:
		Total exposure (performing and non-performing). Same exposure definition as above.
E.E	Unadjusted coverage ratio of non-performing exposure, year end 2018	Specific provisions divided by non-performing exposure for portfolios in-scope for detailed review in the AQR. NPE used is that set of of exposures which were originally marked as NPE pre-AQR.
E.F	Changes due to the single credit file review	Amount of adjustments to provisions based on single credit file review.
E.G	Changes due to the projection of findings	Amount of adjustments to provisions based on the projection of findings of the credit file review to the wider portfolio.
E.H	Changes due to the collective provisioning review on non-performing exposures	Amount of adjustments to collective provisions as determined based on the challenger model in cases where the bank's collective provisioning model is found to be out of line with the standards expressed in the AQR manual.
E.I	AQR - adjusted ratio of provisions on NPE to NPE	Coverage ratio adjusted for AQR findings.
E.J	Coverage ratio for exposures newly classified as NPE during the AQR	Additional provisions specified for exposure newly classified as non-performing during the AQR.
F. LEVERAGE RATIO IMPACT OF TH	IE COMPREHENSIVE ASSESSMENT	
F1	Leverage Ratio at year end 2018	See A9 above
F2	Aggregated adjustments due to the outcome of the AQR	Adjustments to the leverage ratio based on all quantitative AQR adjustments affecting its components.
F3	AQR adjusted Leverage Ratio	Leverage ratio as at December 2018, incorporating all quantitative AQR adjustments to capital. Leverage ratio definition based on CRR Article 429 as of September 2014.