

REF 2014: Unit of assessment summary data

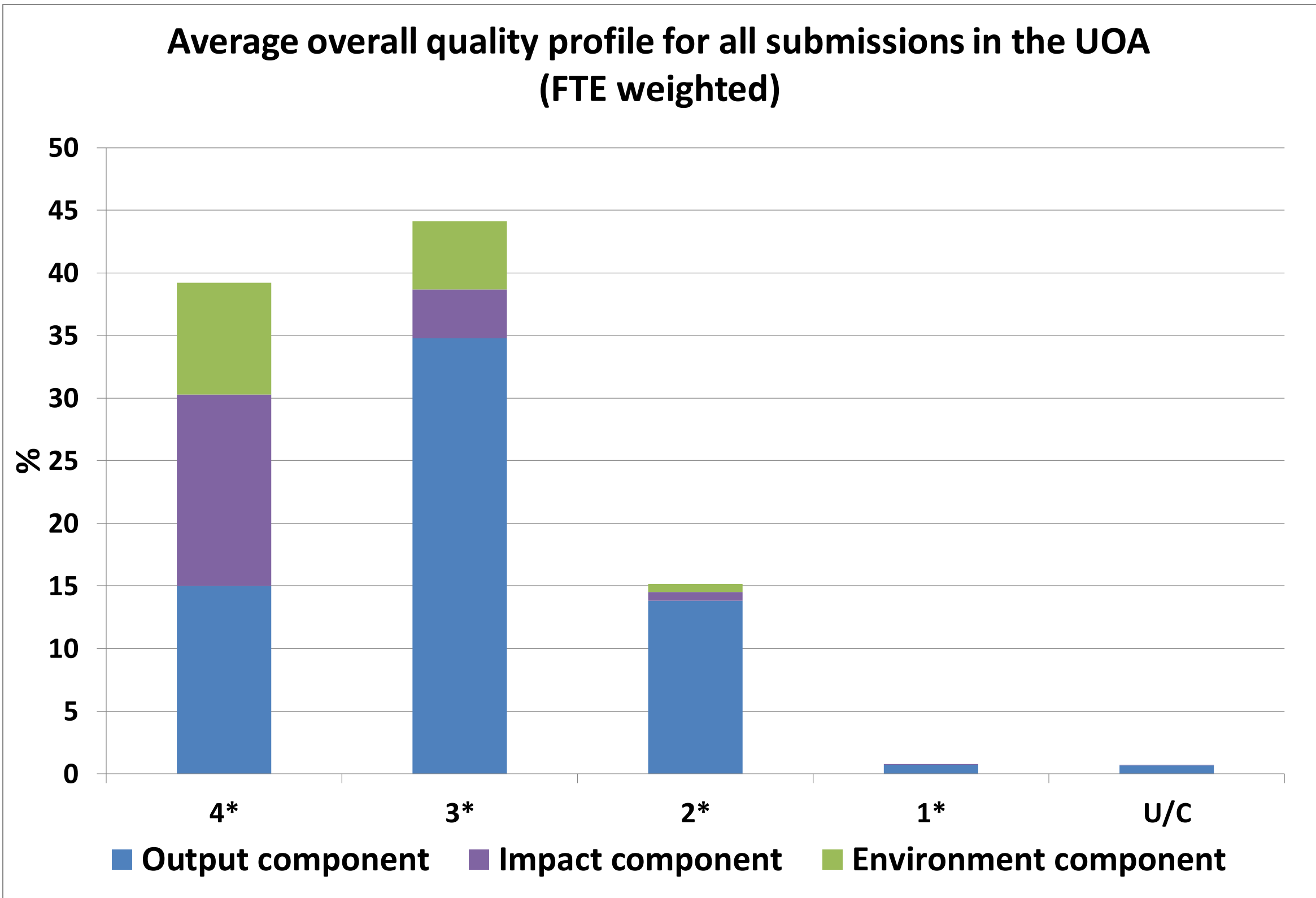
UOA 1: Clinical Medicine

Submission information

Number of submissions	31
Category A FTE staff submitted	3,571
Headcounts of category A and C staff submitted	3,926
Headcounts of early career researchers (REF1a)	664
Number of outputs submitted	13,405
Number of case studies submitted	383

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
1464	1530	1525	1605	1699

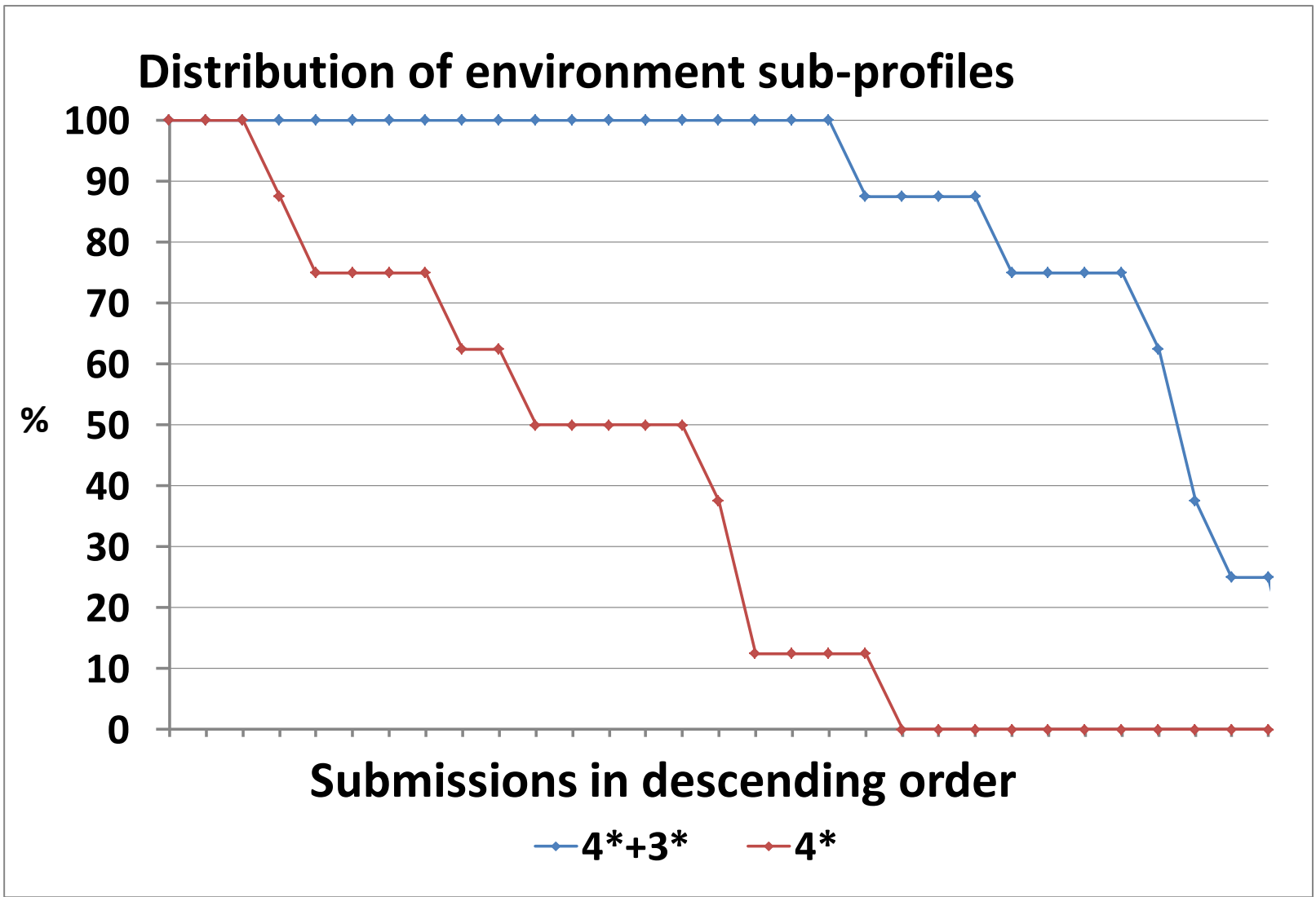
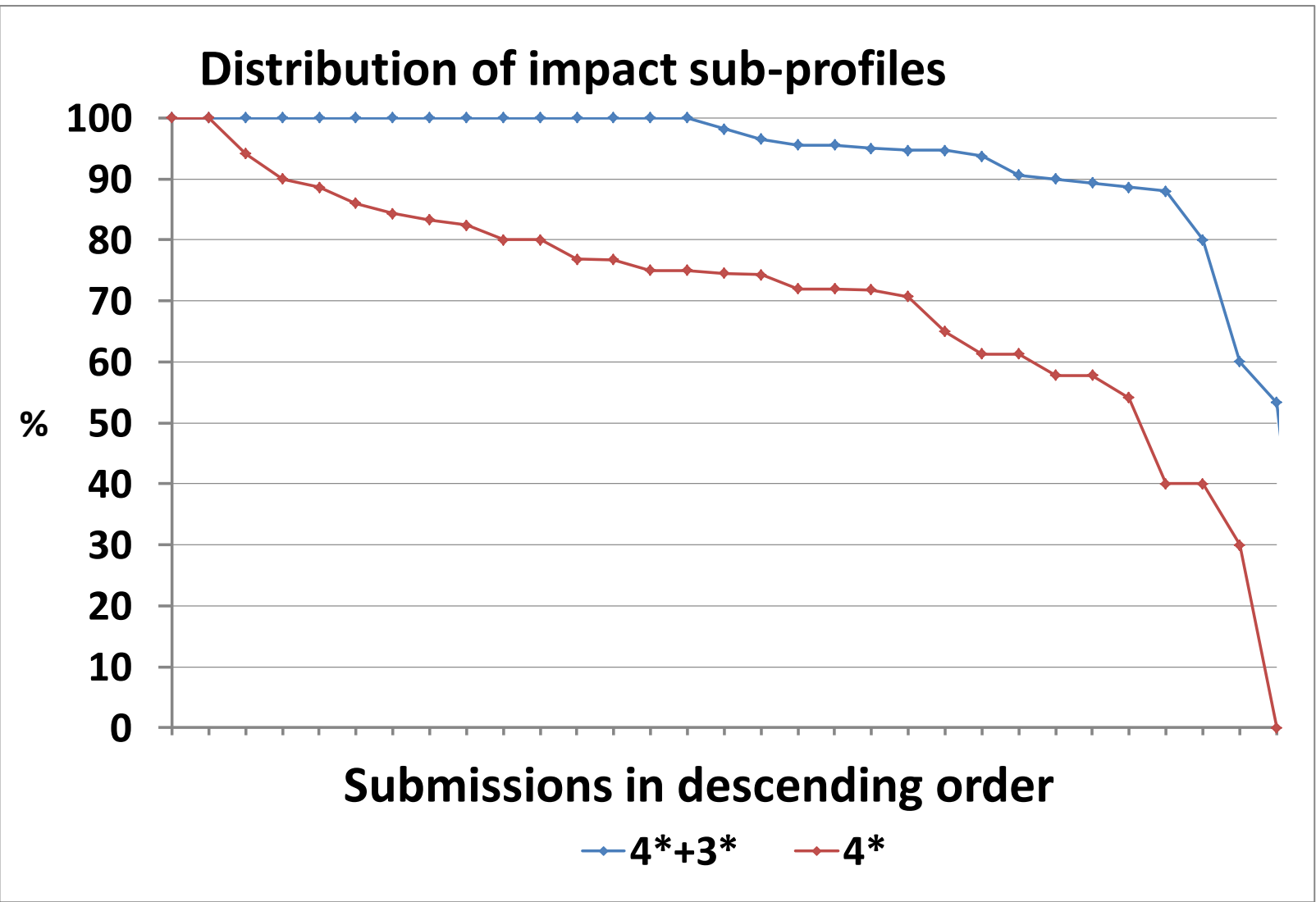
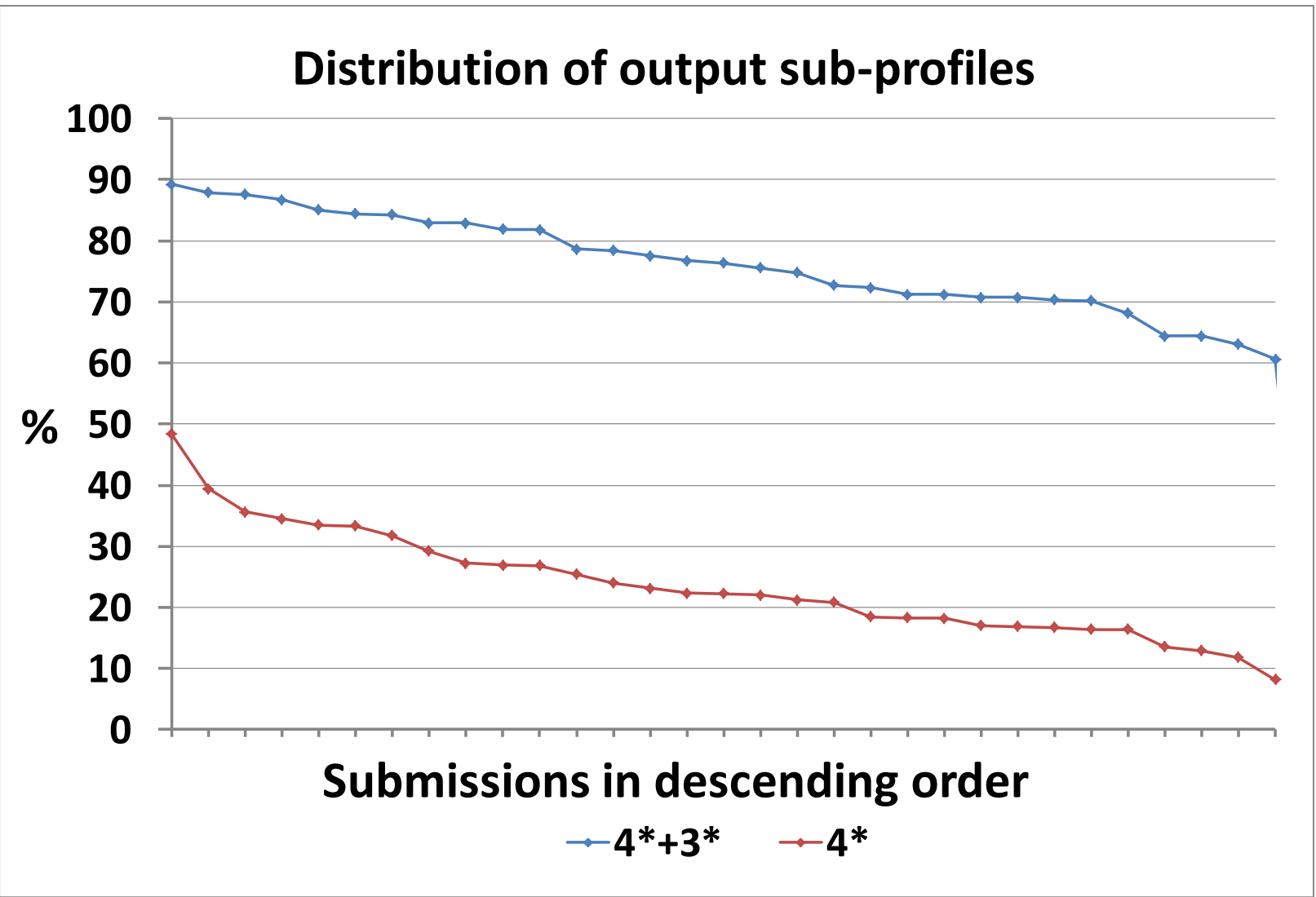
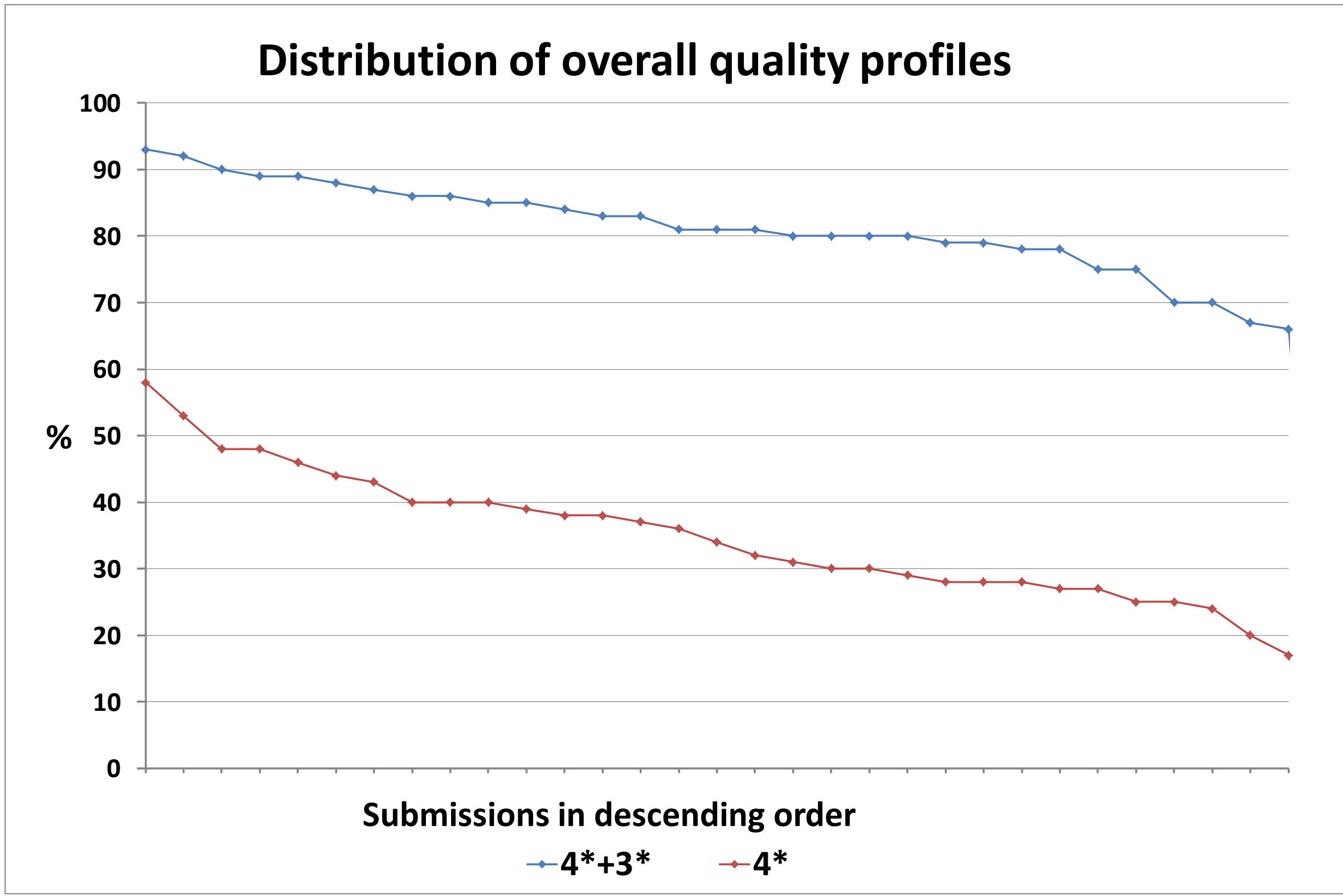
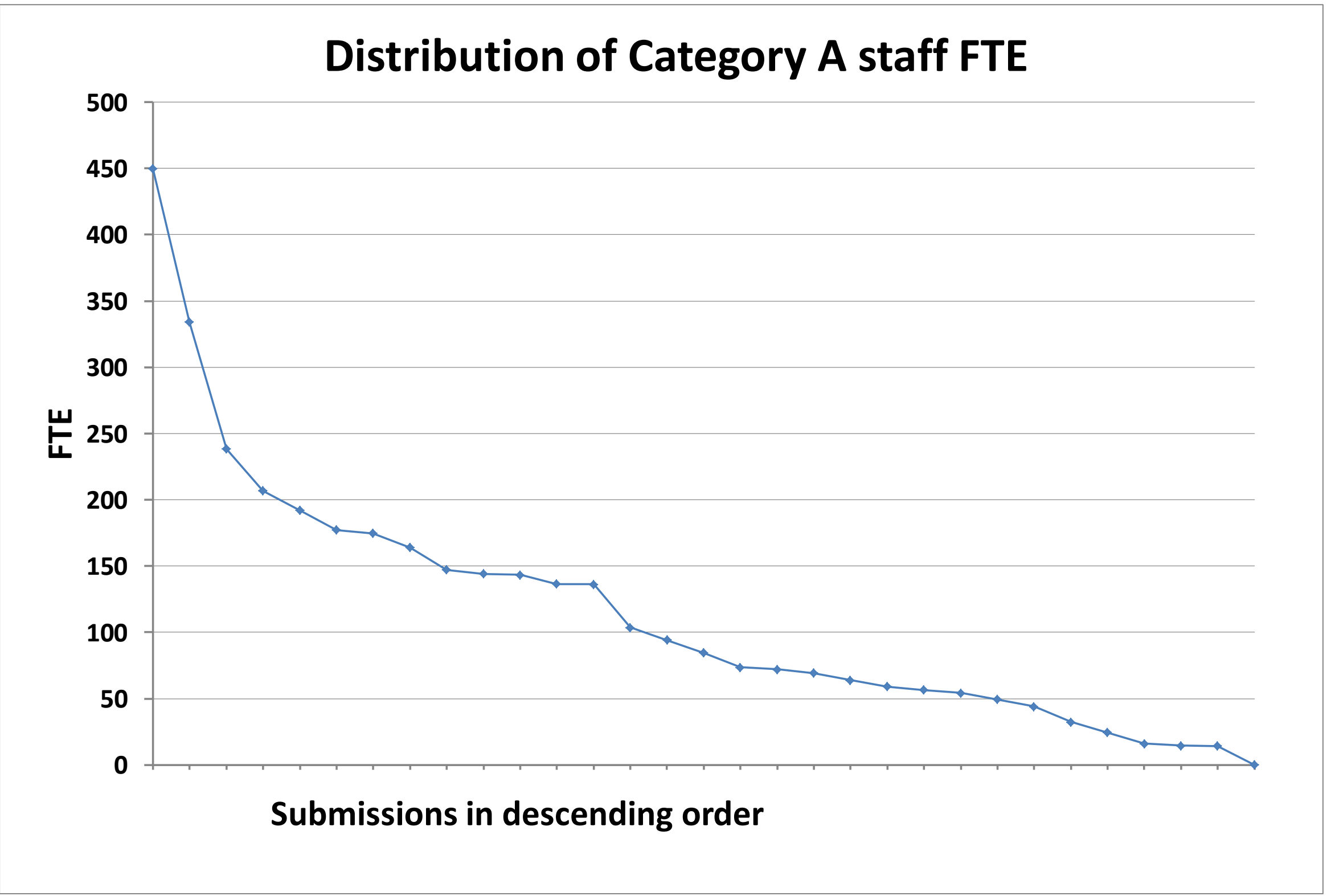
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
1,116.31	1,177.11	1,181.83	1,218.36	1,272.48



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	39	44	15	1	1
Outputs	23.1	53.5	21.3	1.1	1
Impact	76.4	19.6	3.3	0.3	0.4
Environment	59.4	36.1	4.5	0	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.

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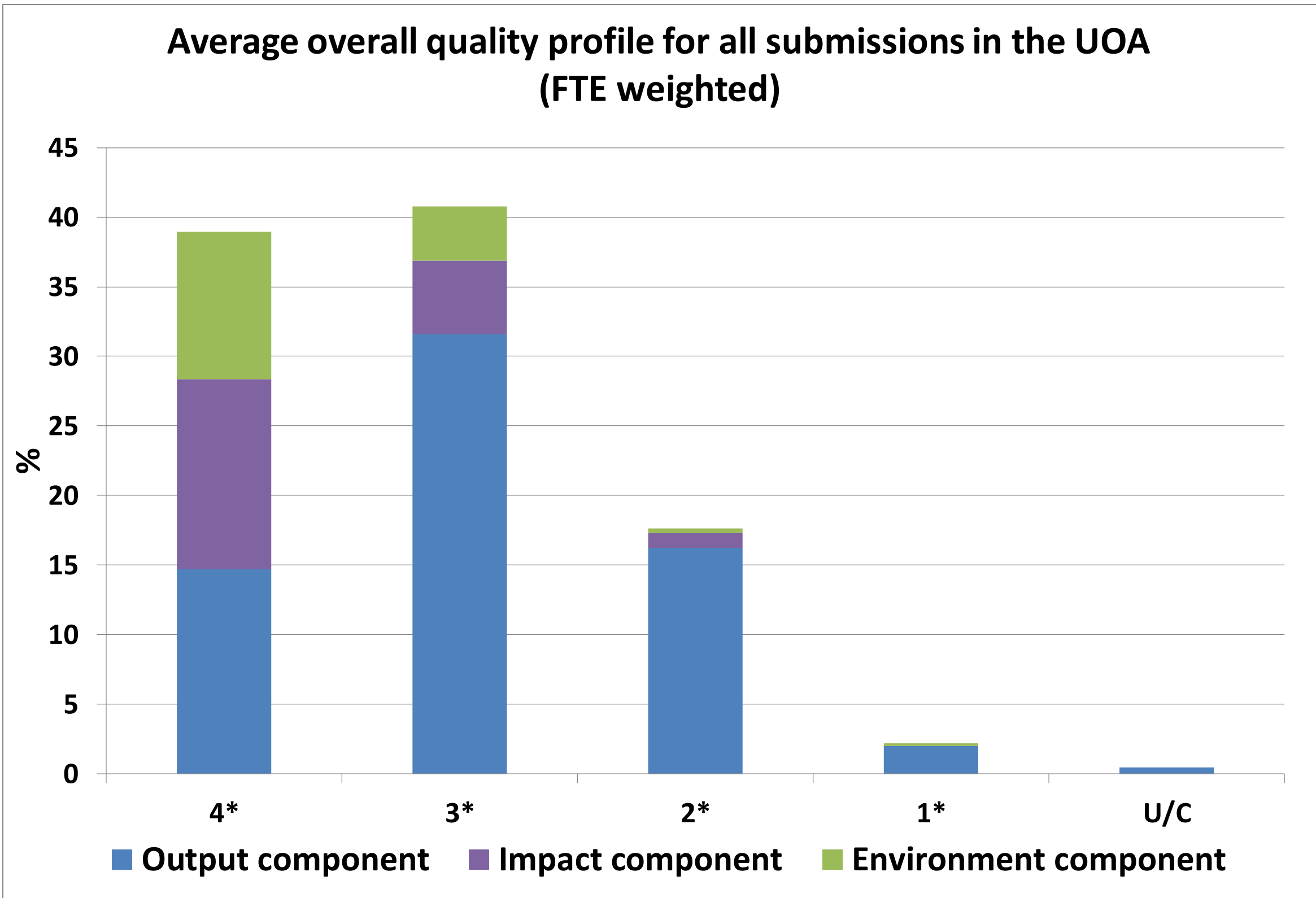
UOA 2: Public Health, Health Services and Primary Care

Submission information

Number of submissions	32
Category A FTE staff submitted	1,354
Headcounts of category A and C staff submitted	1,514
Headcounts of early career researchers (REF1a)	290
Number of outputs submitted	4,881
Number of case studies submitted	163

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
316	289	320	362	391

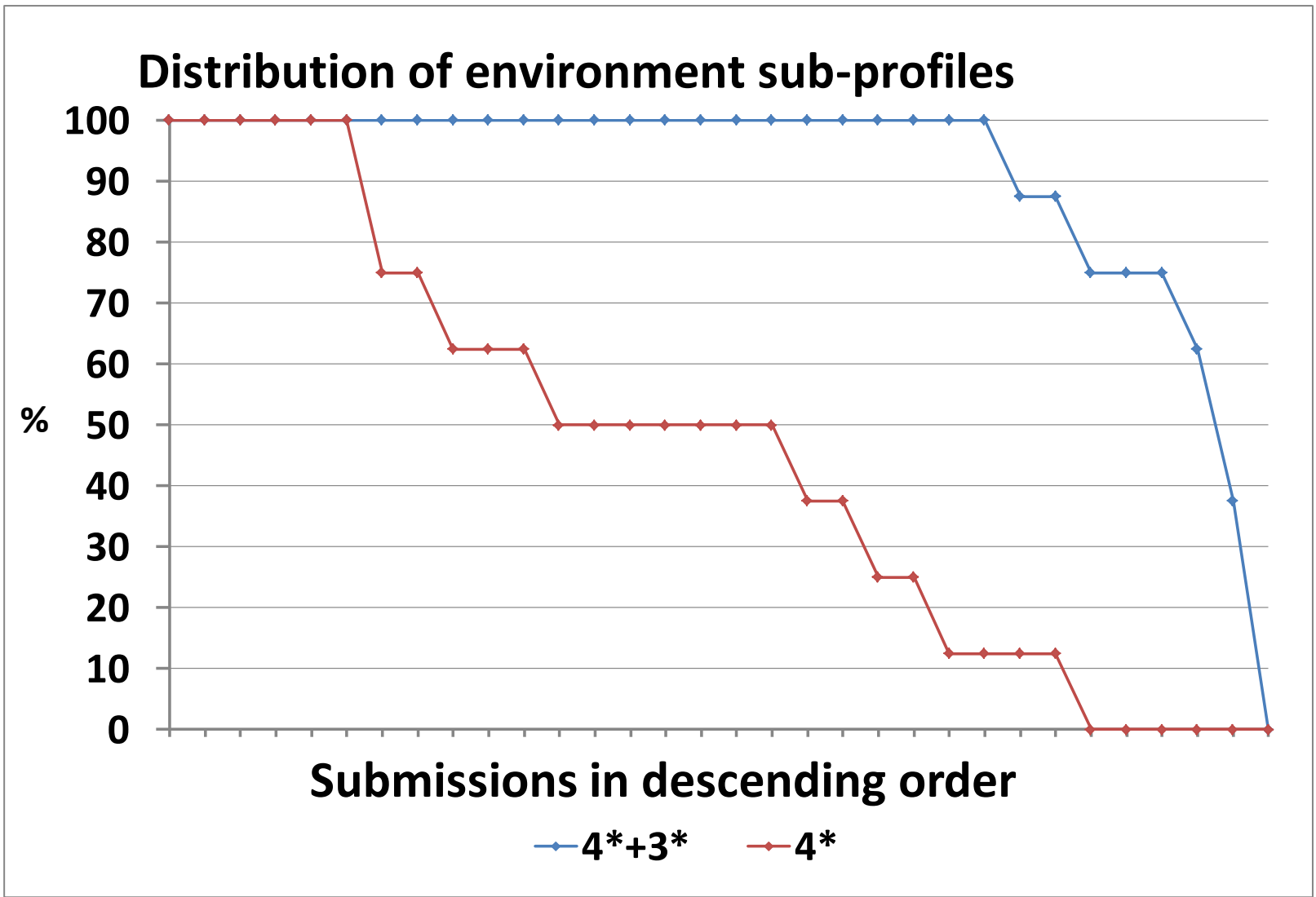
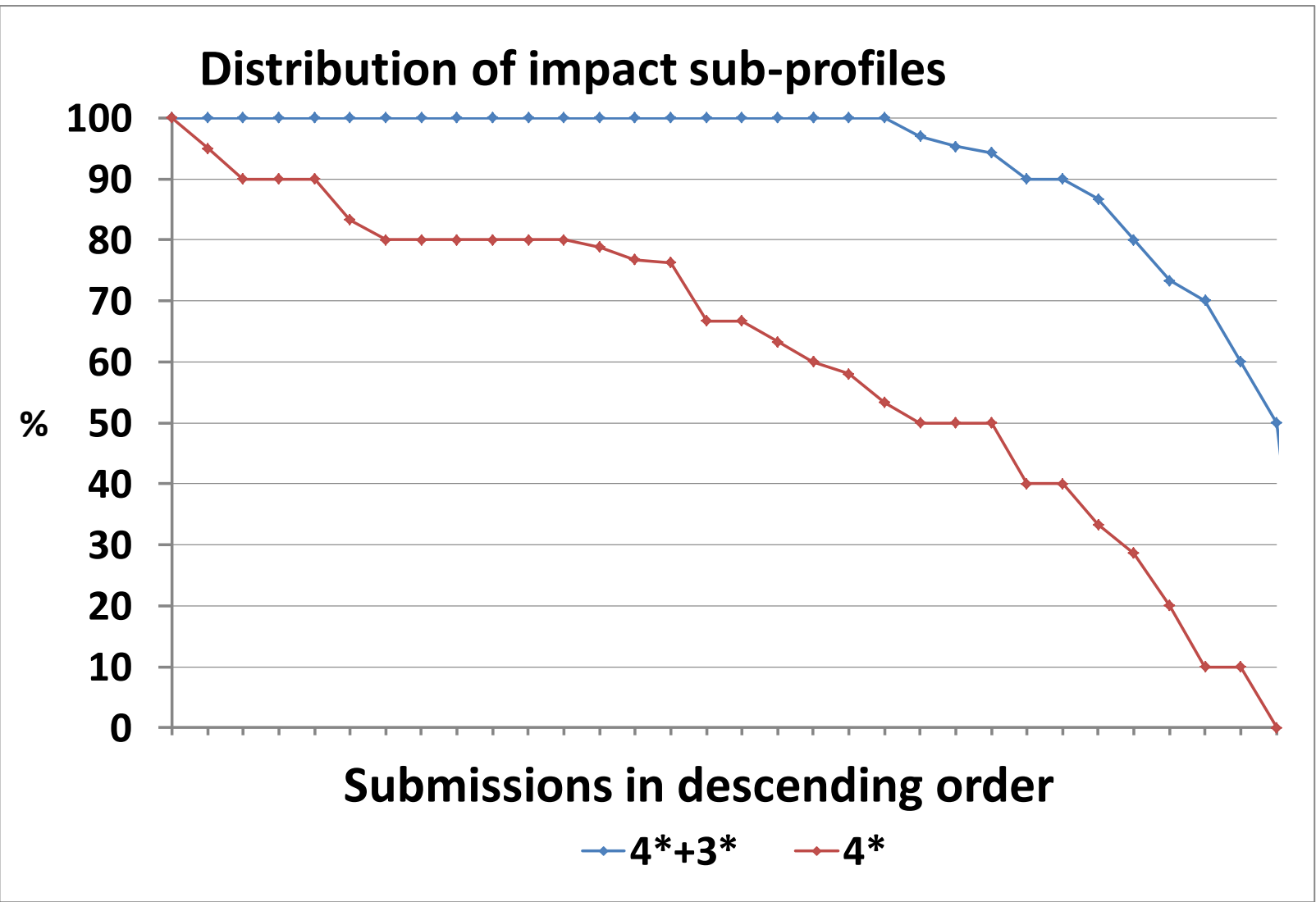
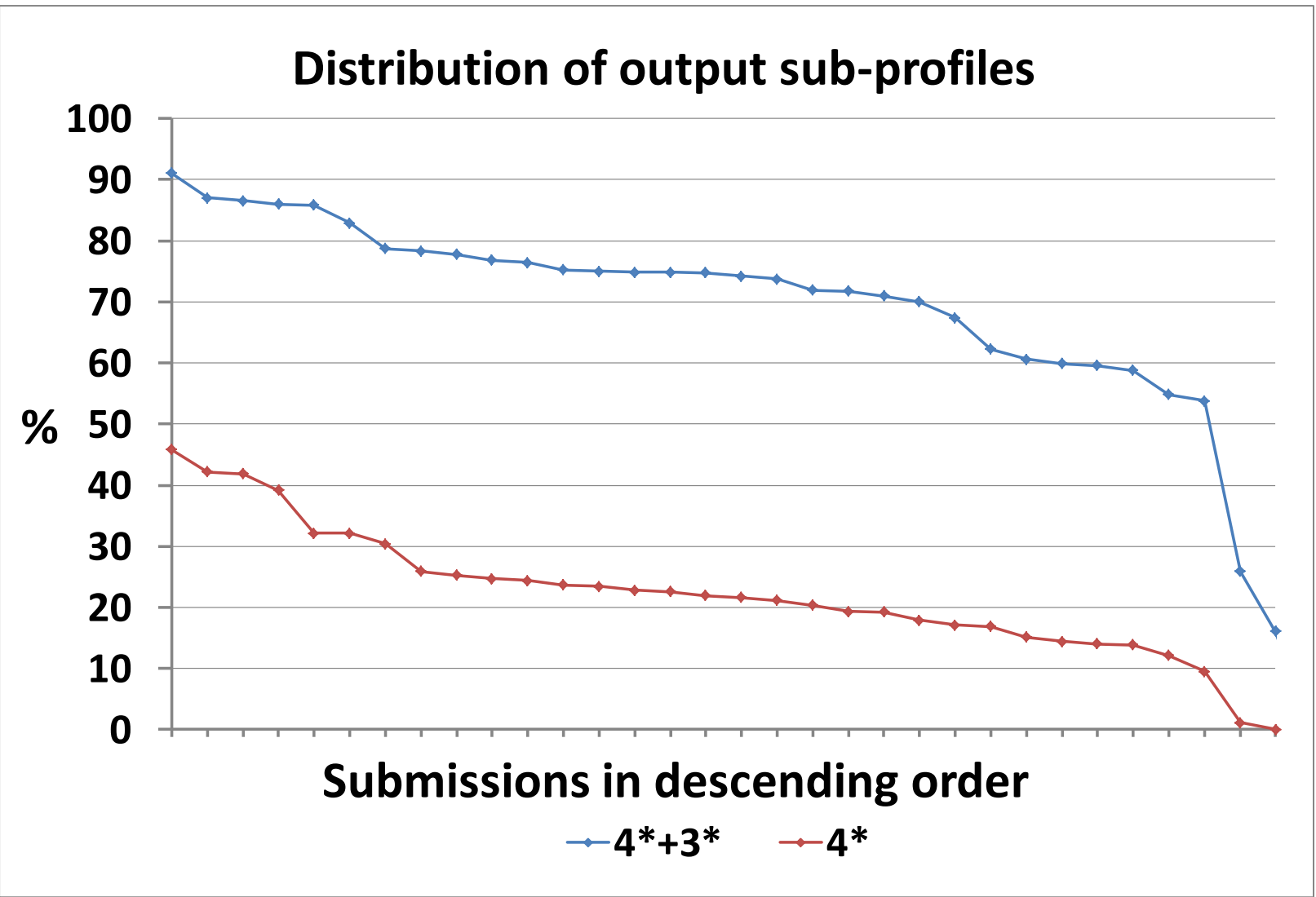
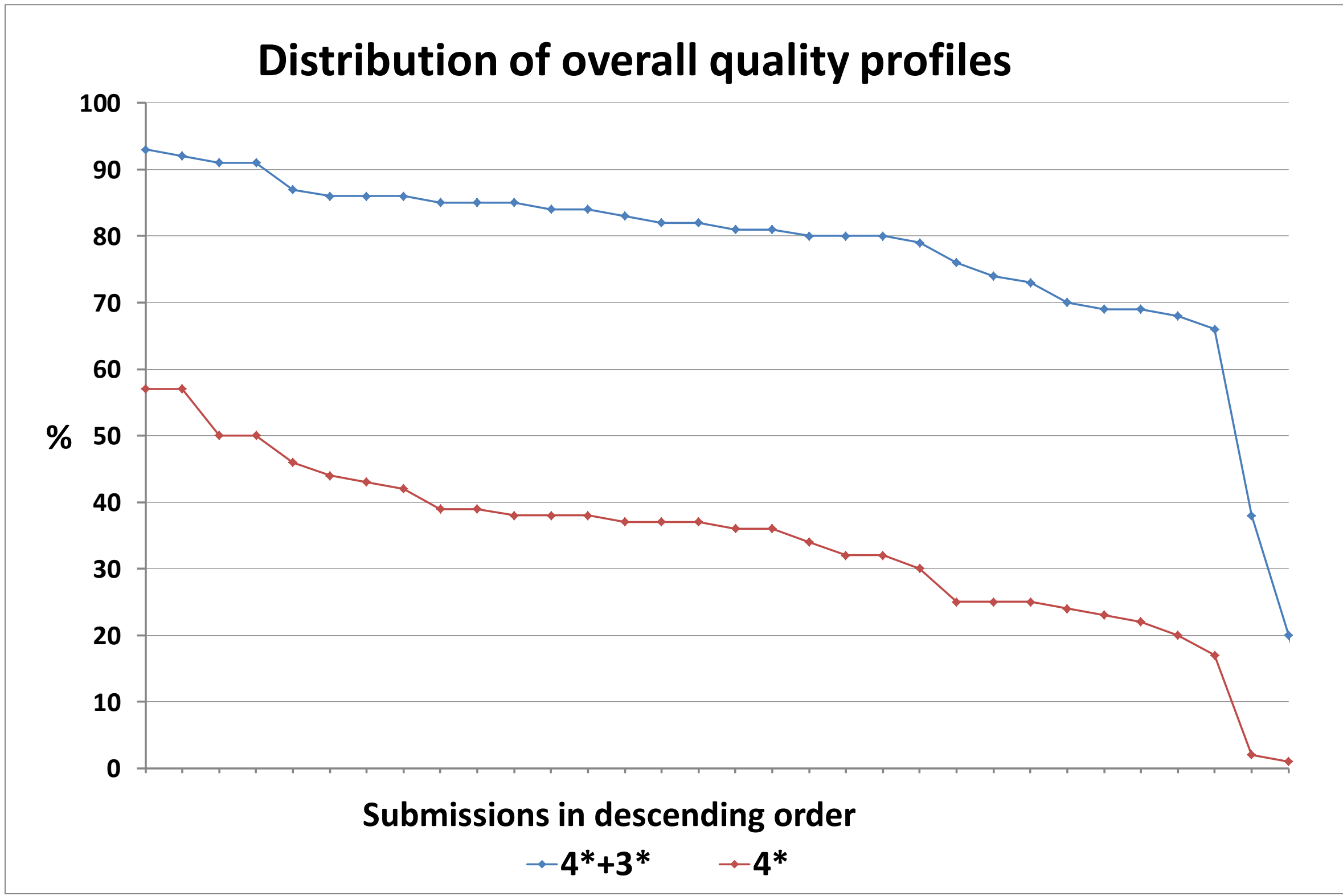
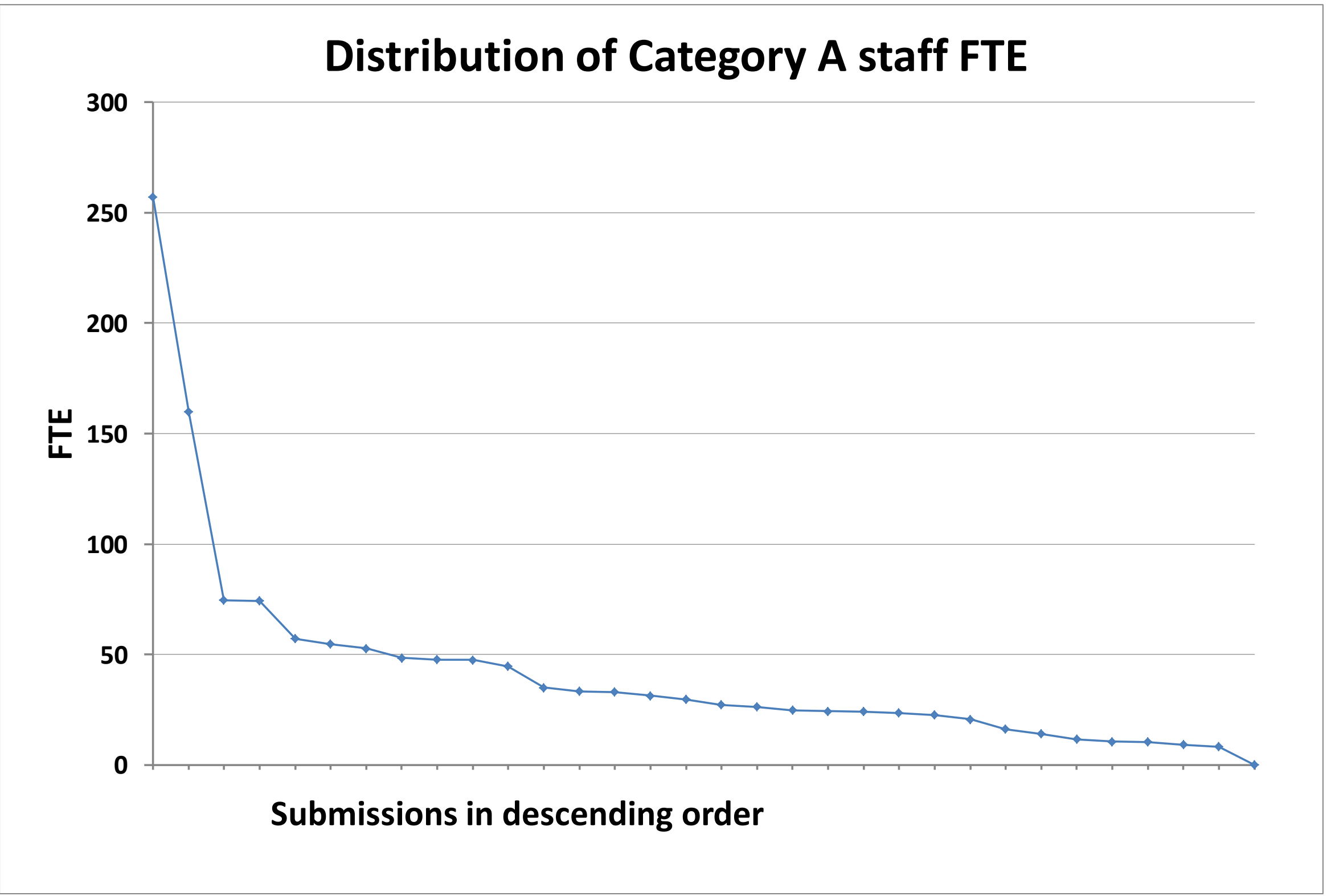
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
258.98	287.40	299.08	326.75	366.59



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	39	41	17	3	0
Outputs	22.6	48.6	25	3.1	0.7
Impact	68.3	26.5	5.2	0	0
Environment	70.7	25.8	2.2	1.3	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup> Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.



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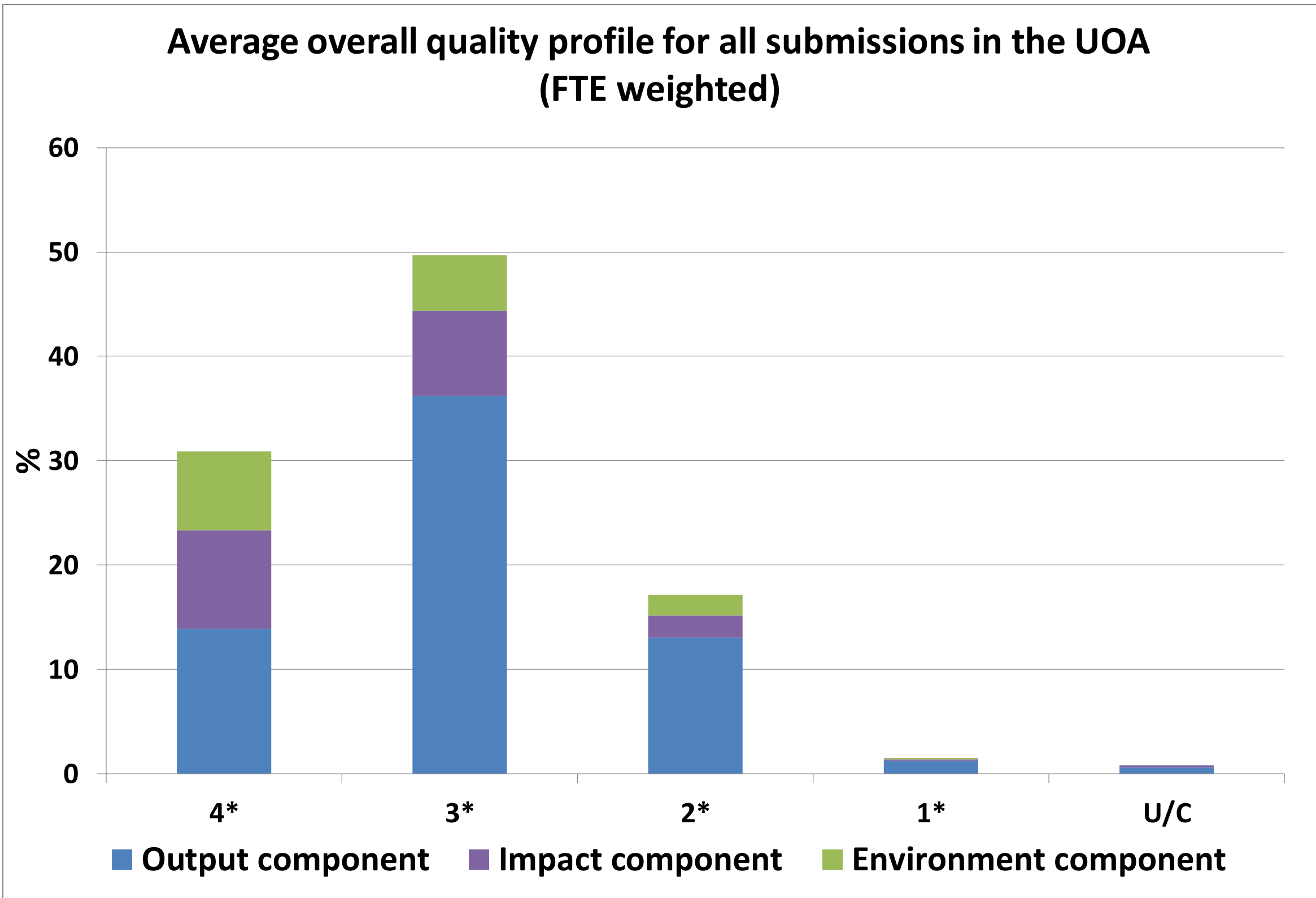
UOA 3: Allied Health Professions, Dentistry, Nursing and Pharmacy

Submission information

Number of submissions	94
Category A FTE staff submitted	2,748
Headcounts of category A and C staff submitted	3,016
Headcounts of early career researchers (REF1a)	508
Number of outputs submitted	10,358
Number of case studies submitted	351

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
924	947	965	993	1130

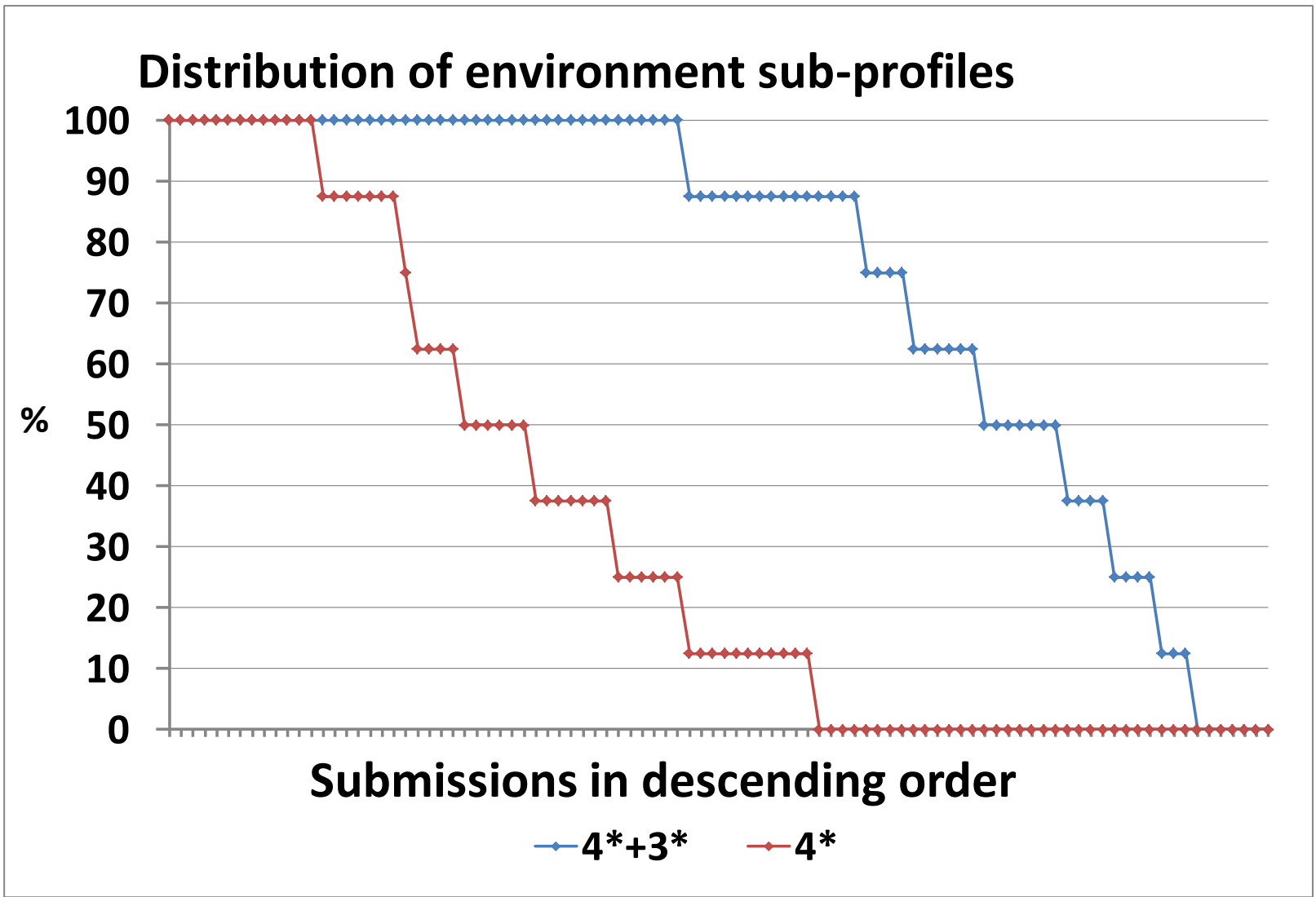
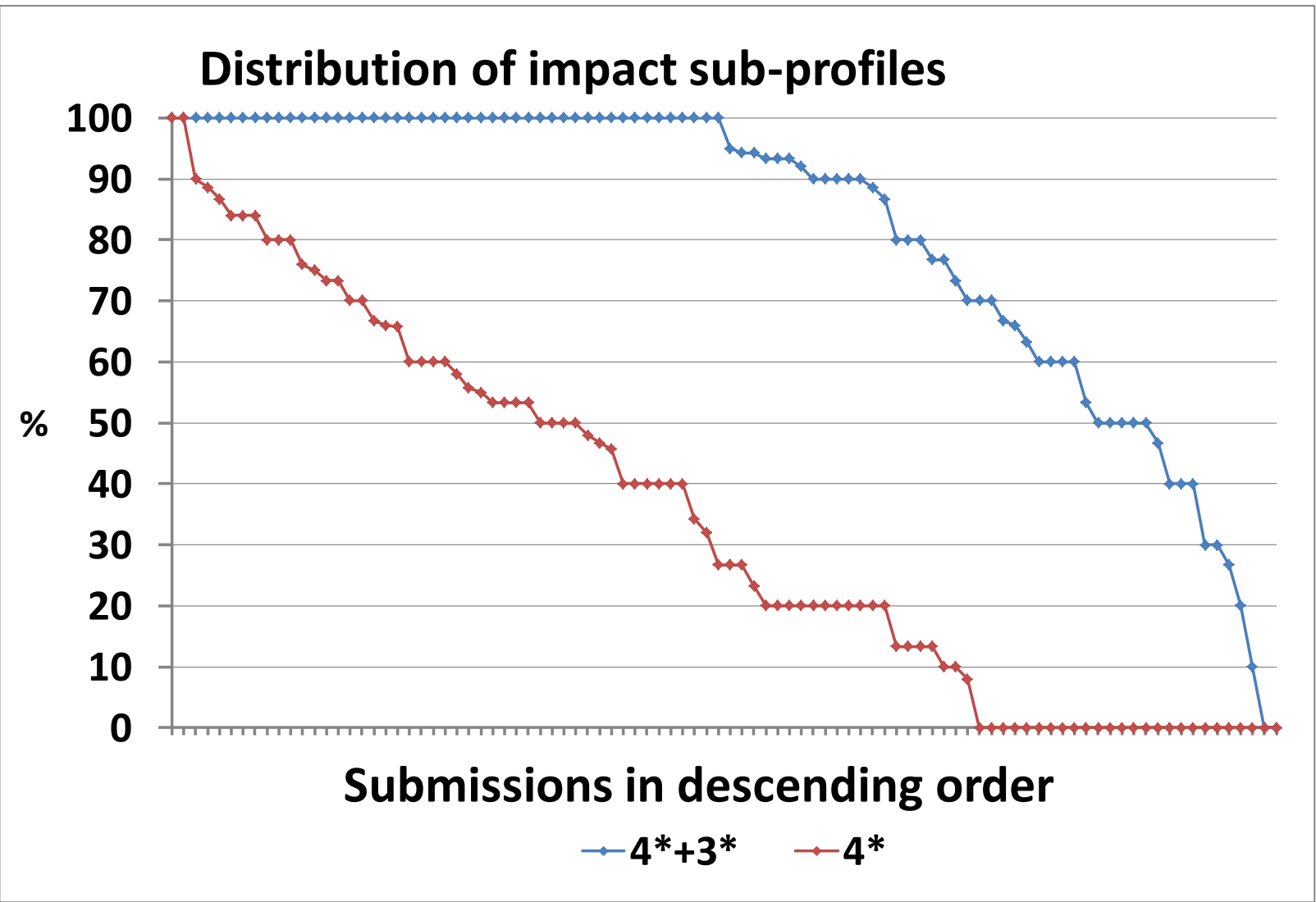
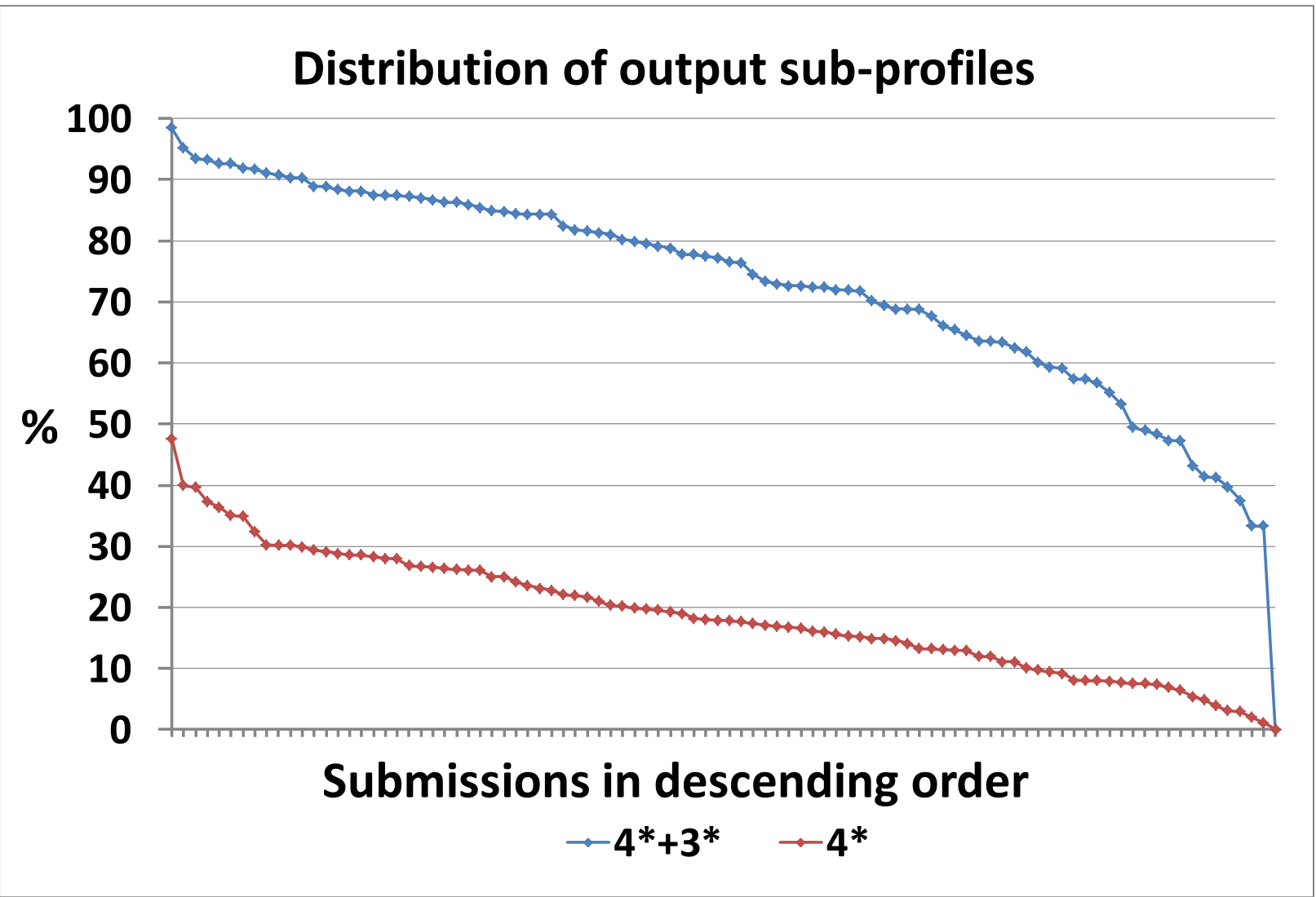
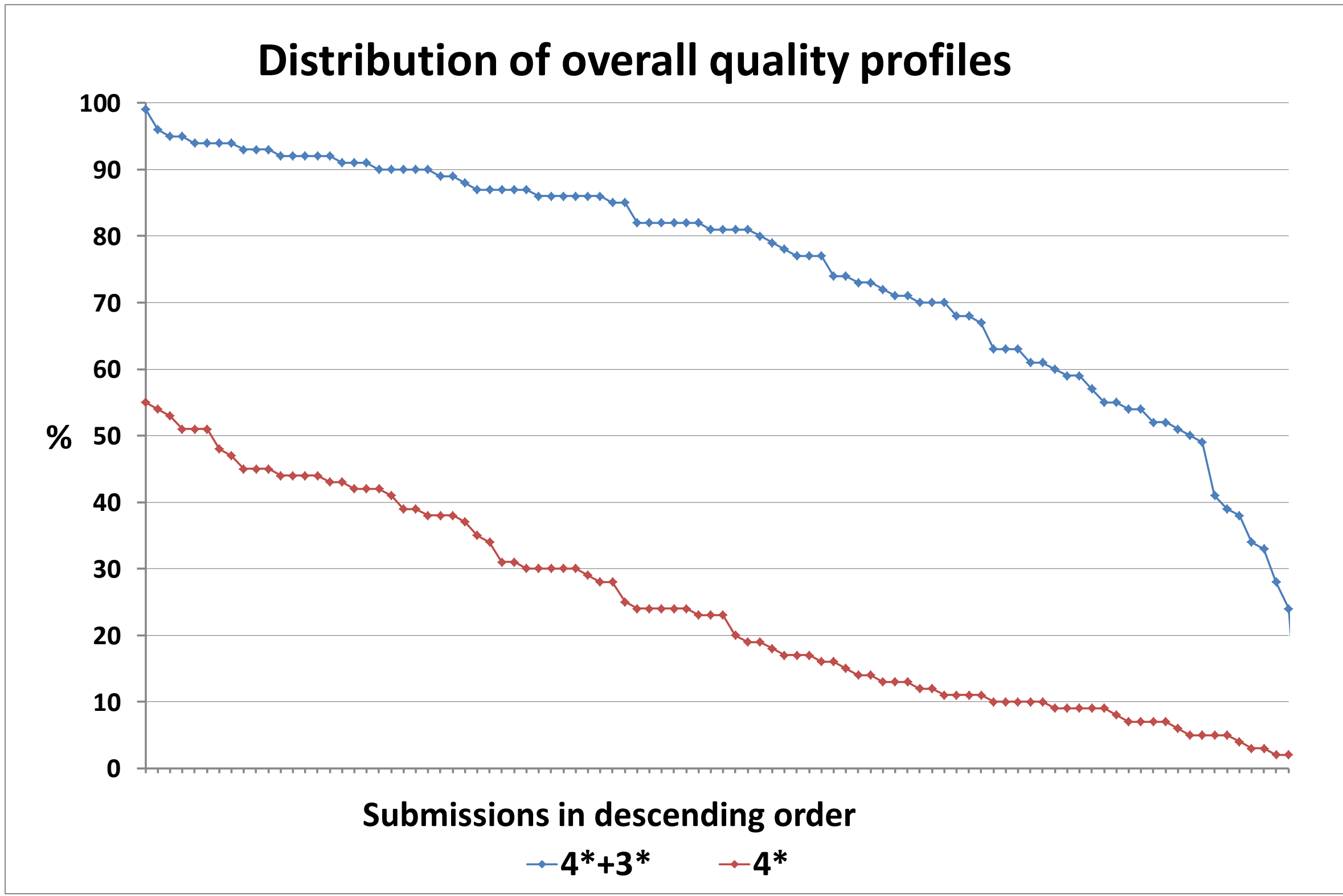
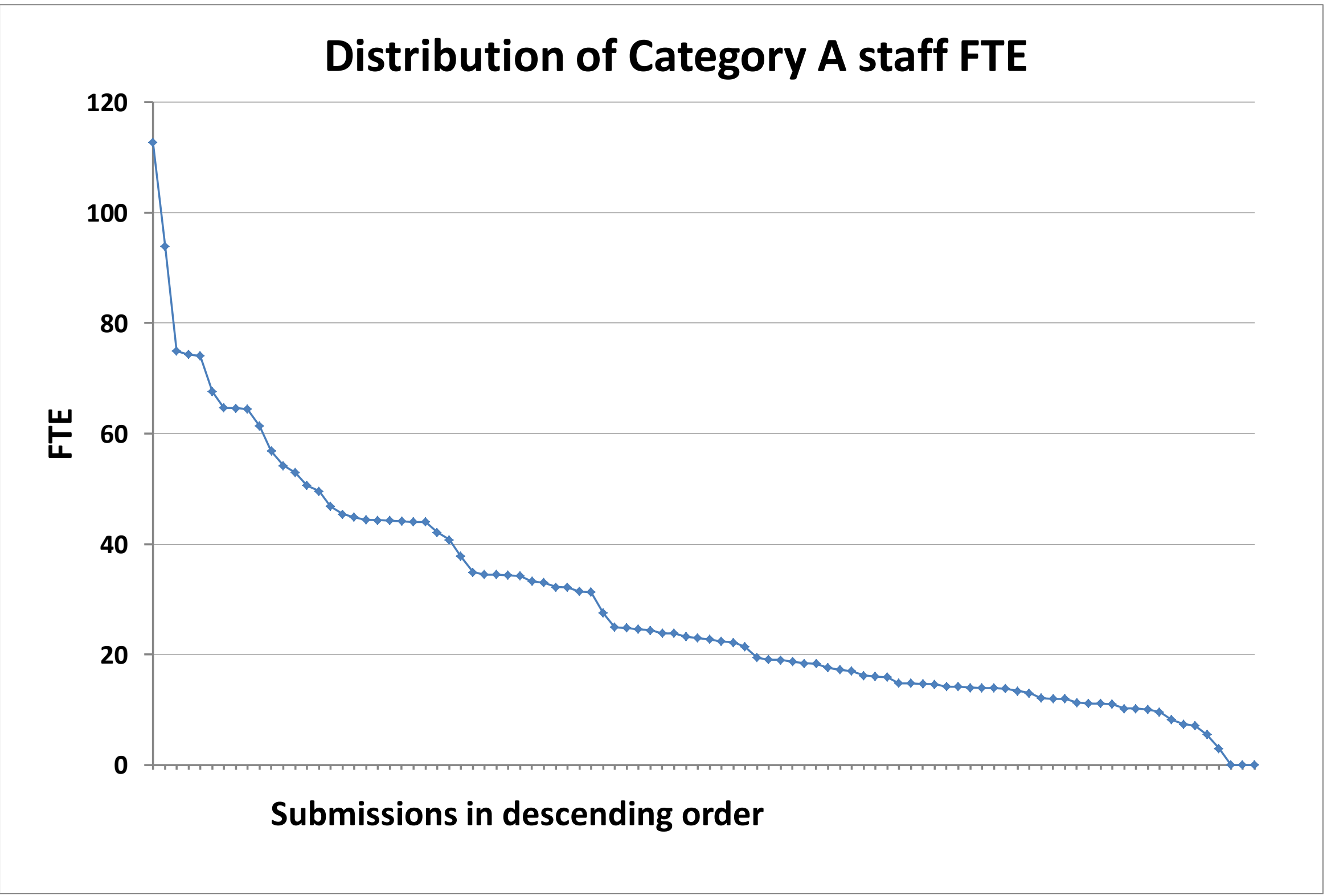
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
177.95	187.12	185.81	179.85	187.11



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	31	50	17	1	1
Outputs	21.4	55.7	20.1	1.9	0.9
Impact	47.2	40.8	10.4	0.6	1
Environment	50.1	35.5	13.4	1	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.

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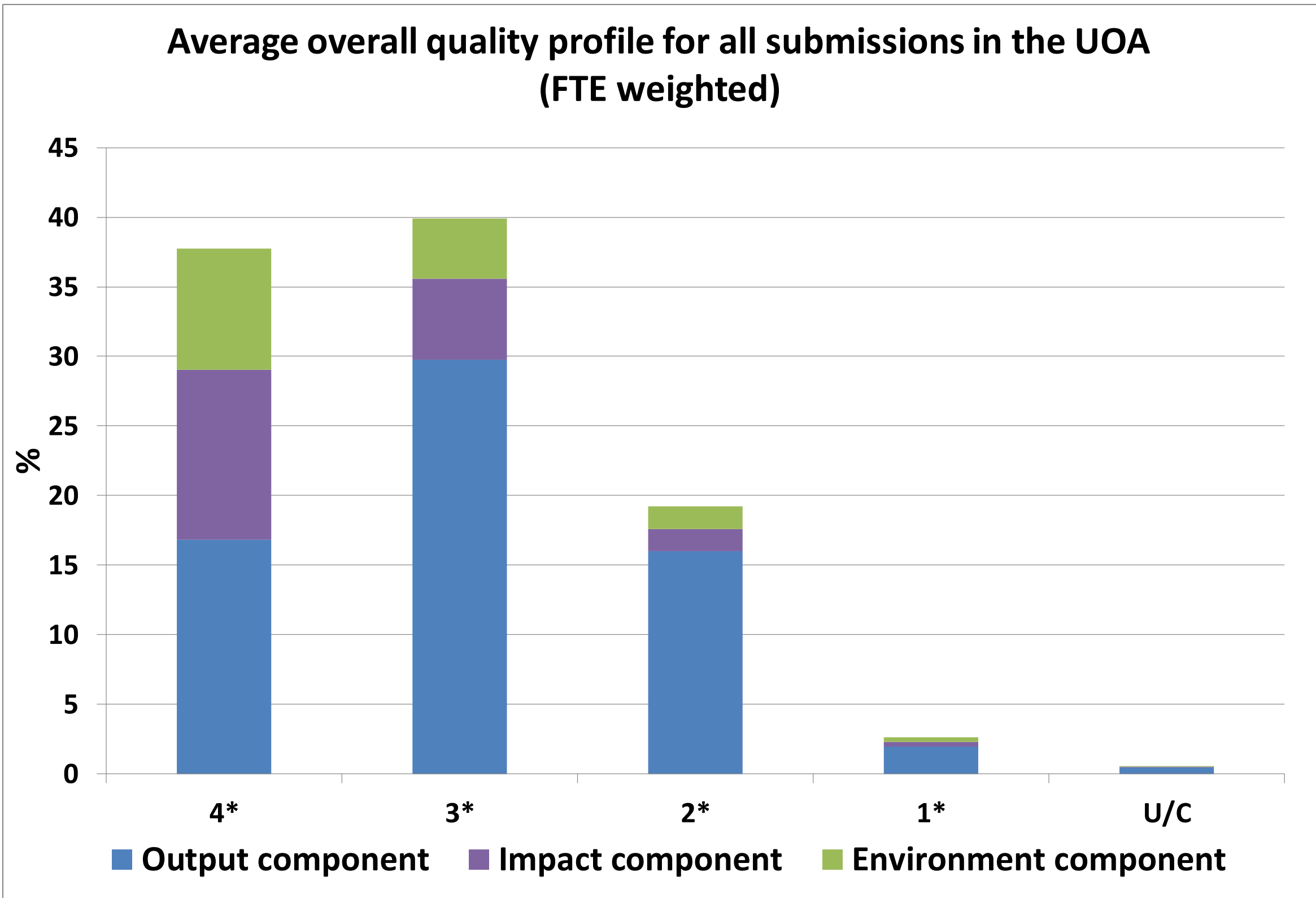
UOA 4: Psychology, Psychiatry and Neuroscience

Submission information

Number of submissions	82
Category A FTE staff submitted	2,520
Headcounts of category A and C staff submitted	2,709
Headcounts of early career researchers (REF1a)	593
Number of outputs submitted	9,126
Number of case studies submitted	324

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
938	1125	1127	1185	1266

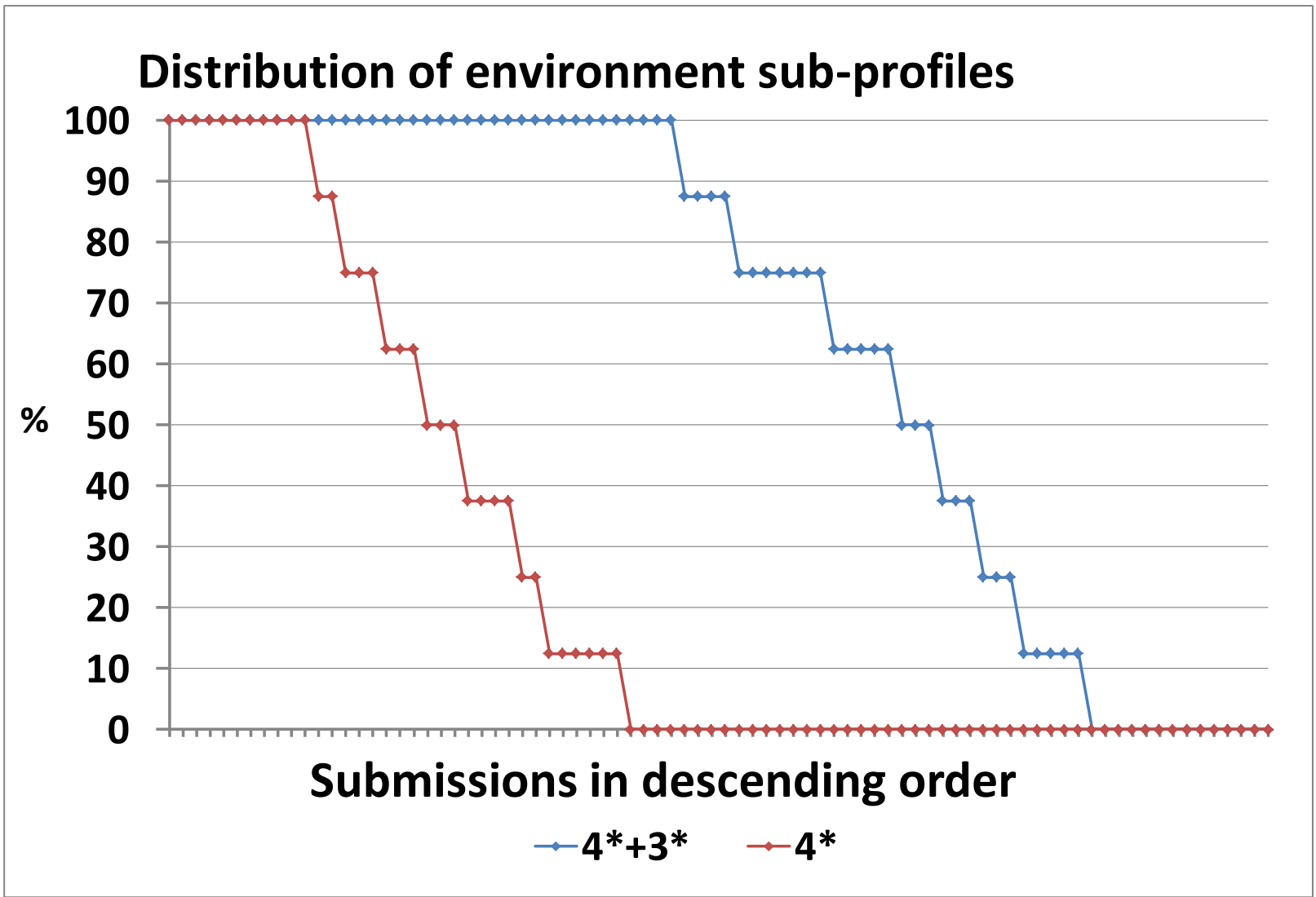
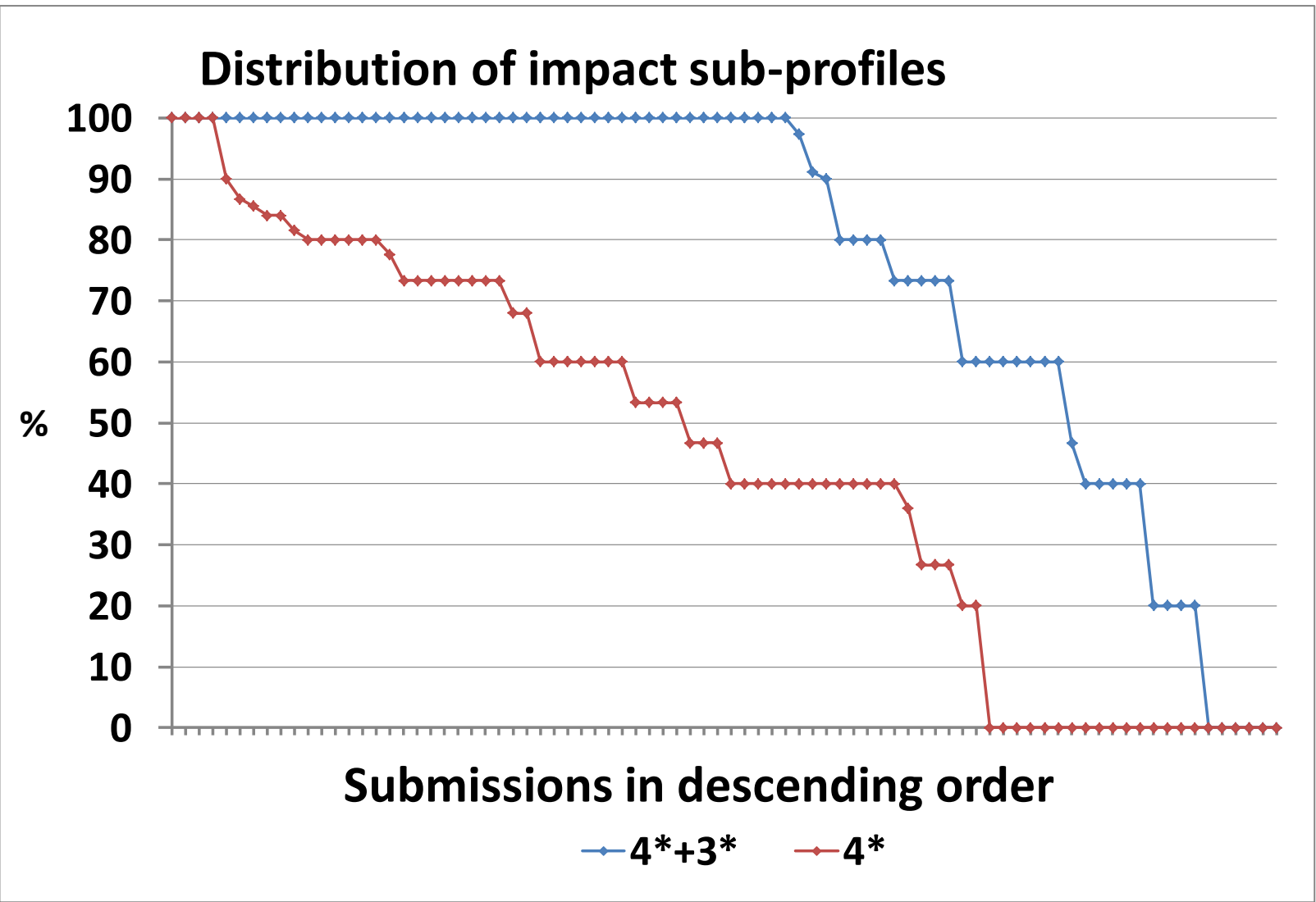
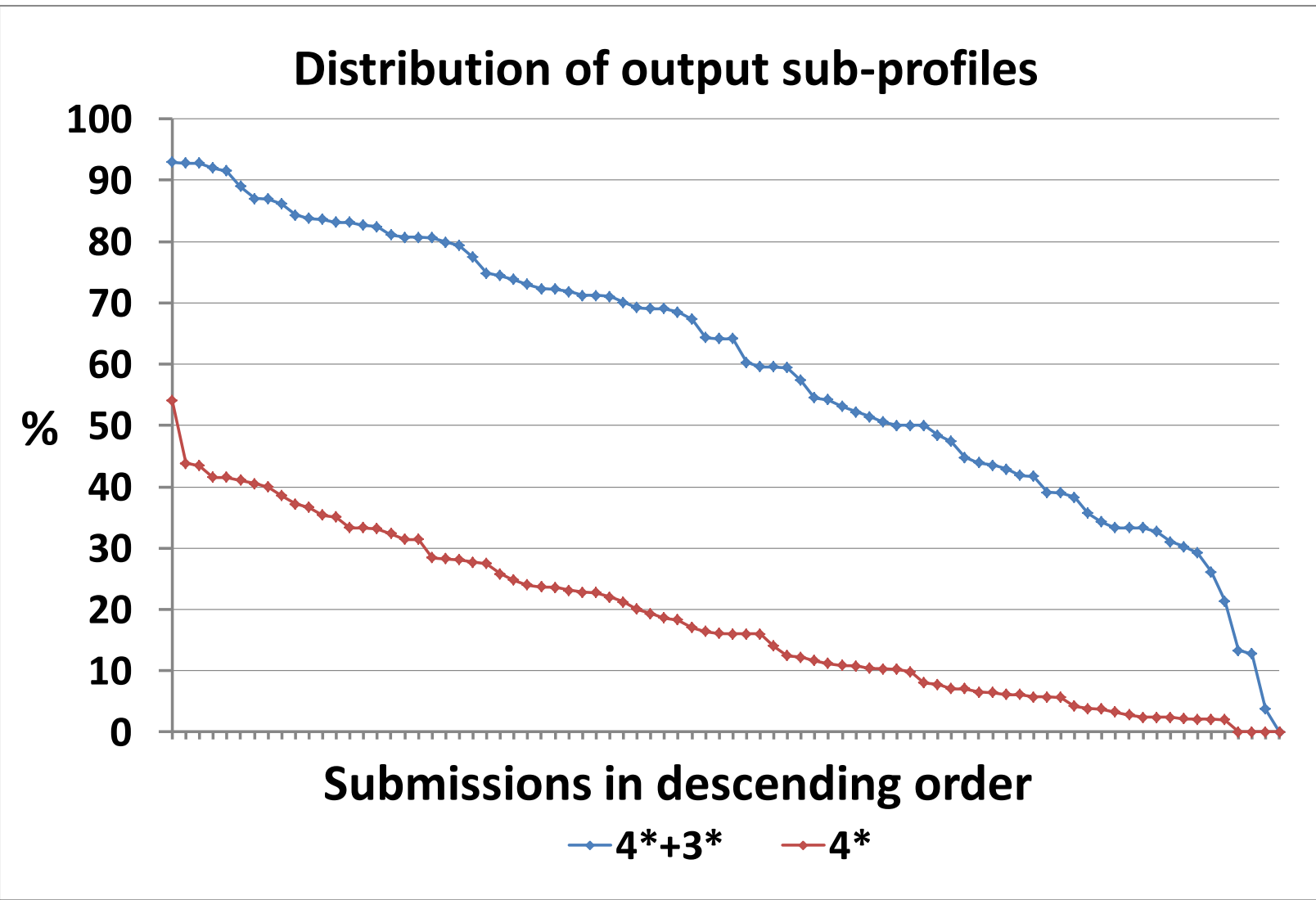
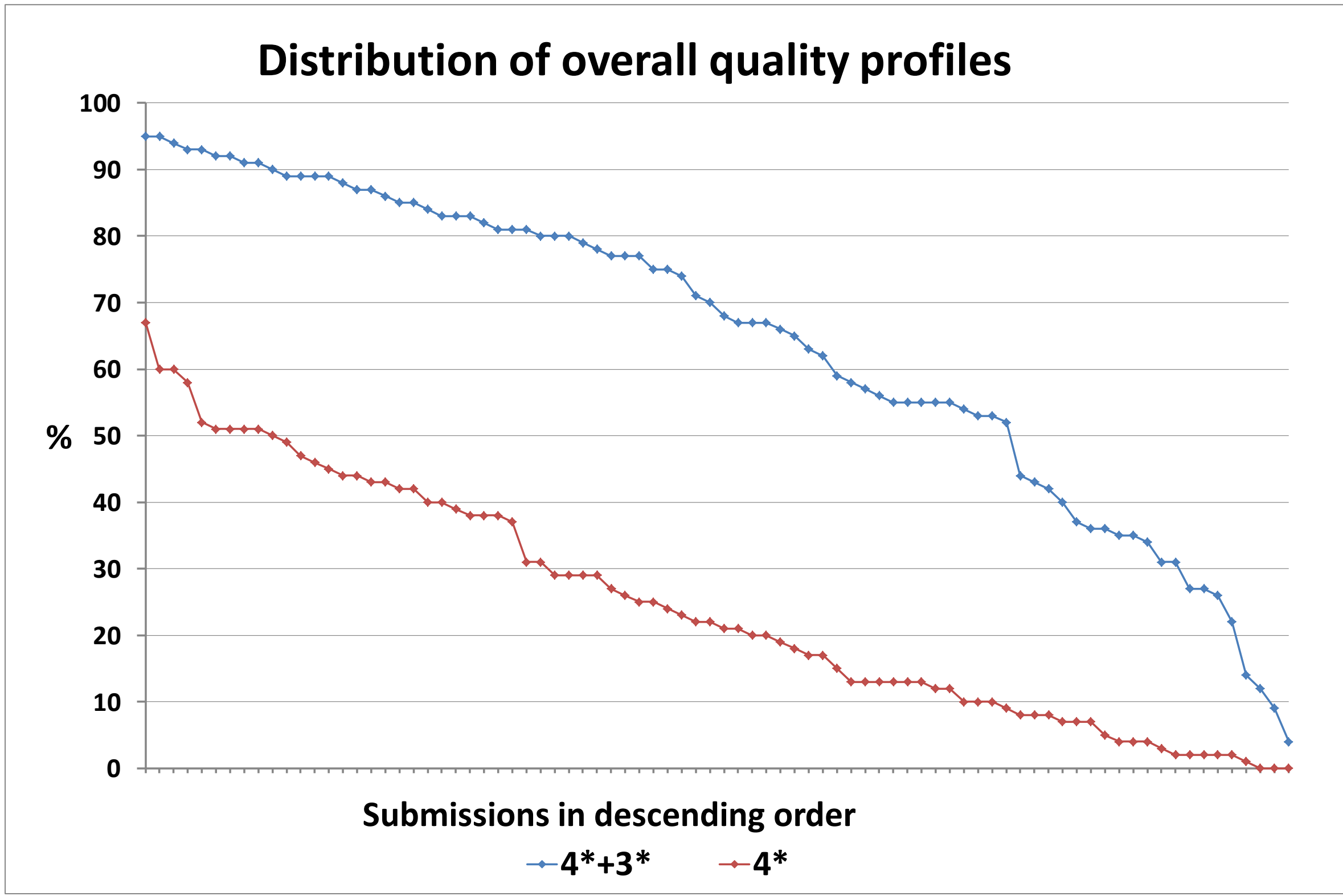
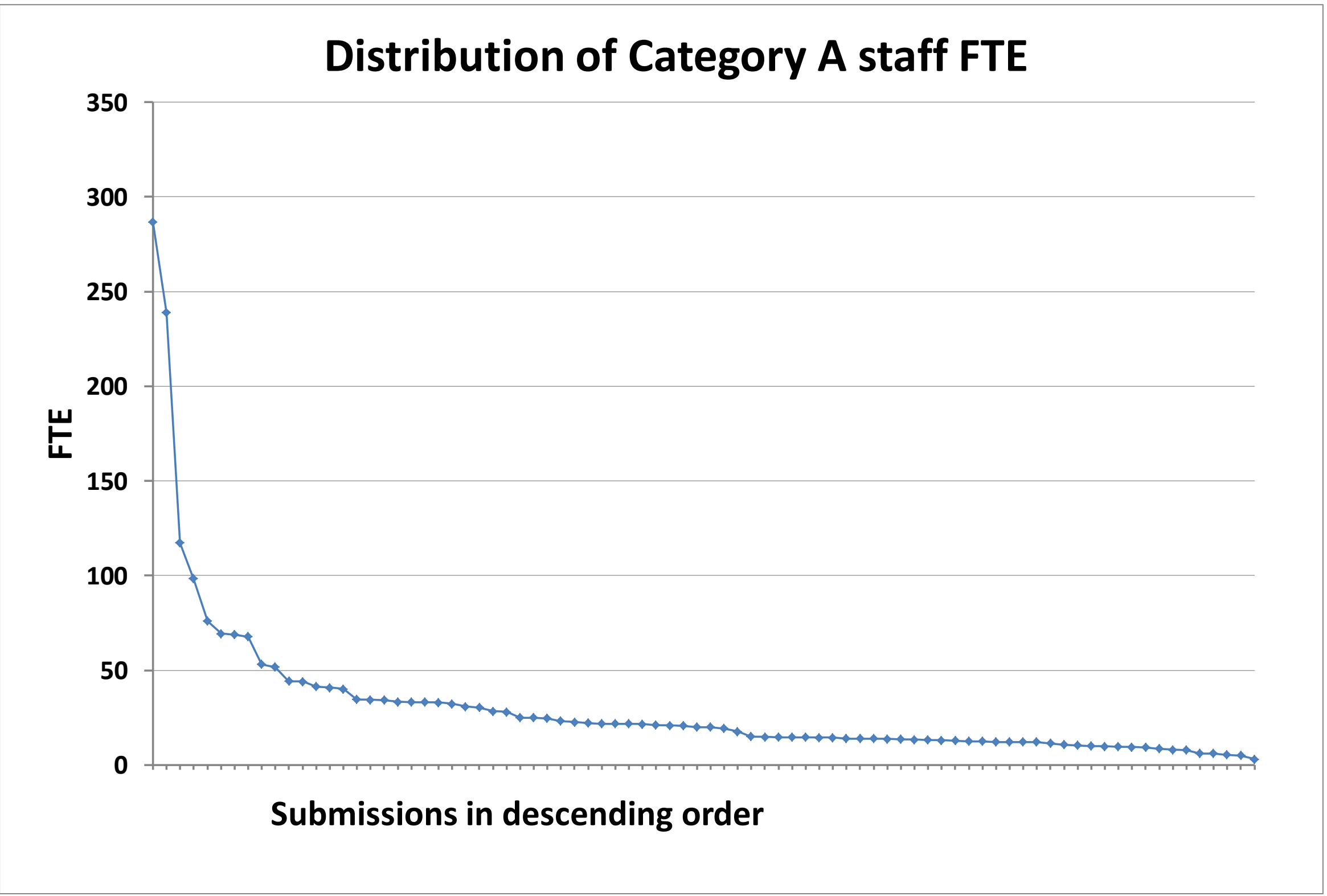
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
256.83	259.06	257.76	263.32	274.41



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	38	40	19	2	1
Outputs	25.9	45.8	24.6	3	0.7
Impact	60.9	29.1	8.1	1.6	0.3
Environment	58.3	28.7	10.6	2.3	0.1

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

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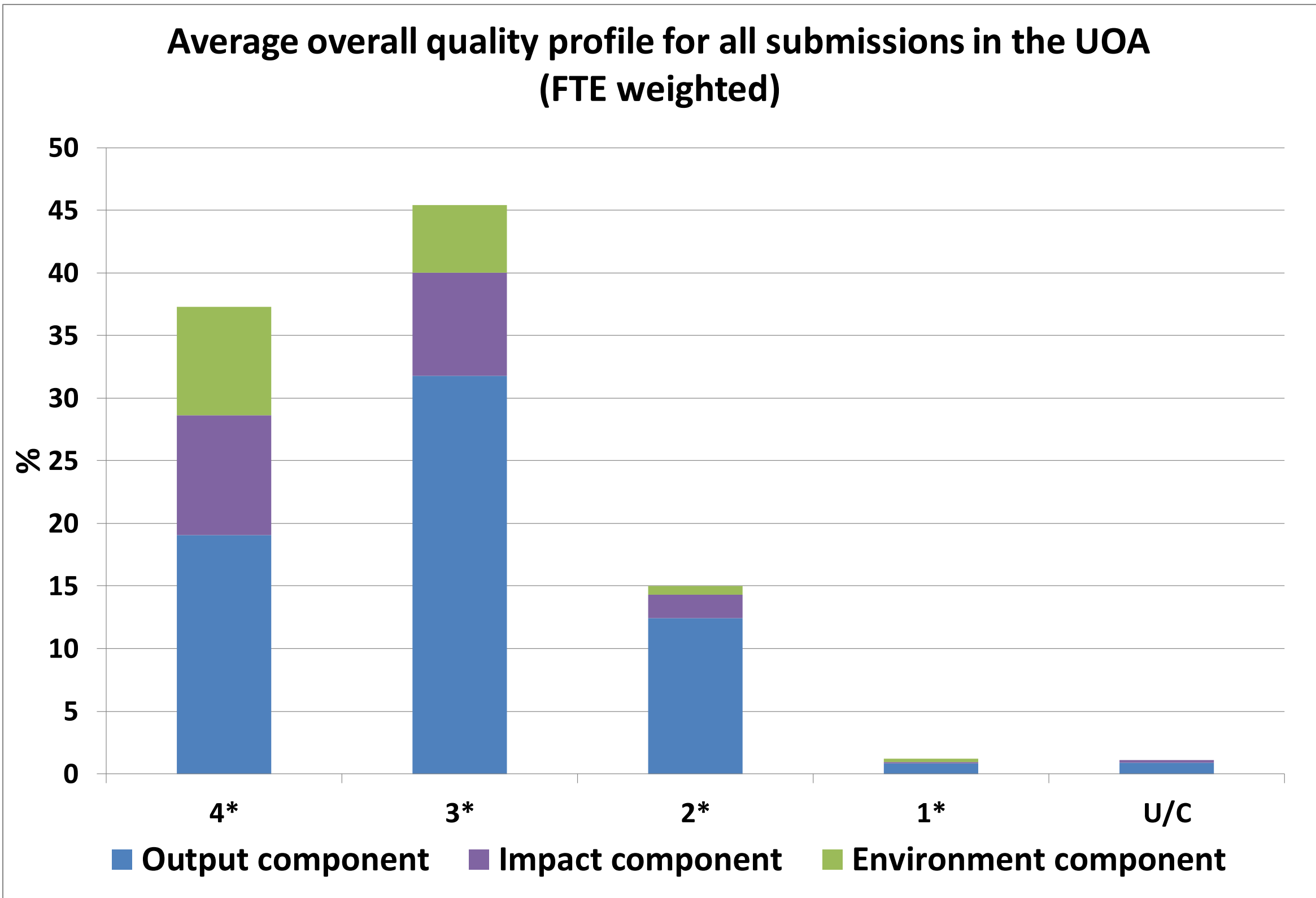
UOA 5: Biological Sciences

Submission information

Number of submissions	44
Category A FTE staff submitted	2,373
Headcounts of category A and C staff submitted	2,492
Headcounts of early career researchers (REF1a)	553
Number of outputs submitted	8,608
Number of case studies submitted	272

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
1258	1242	1361	1323	1355

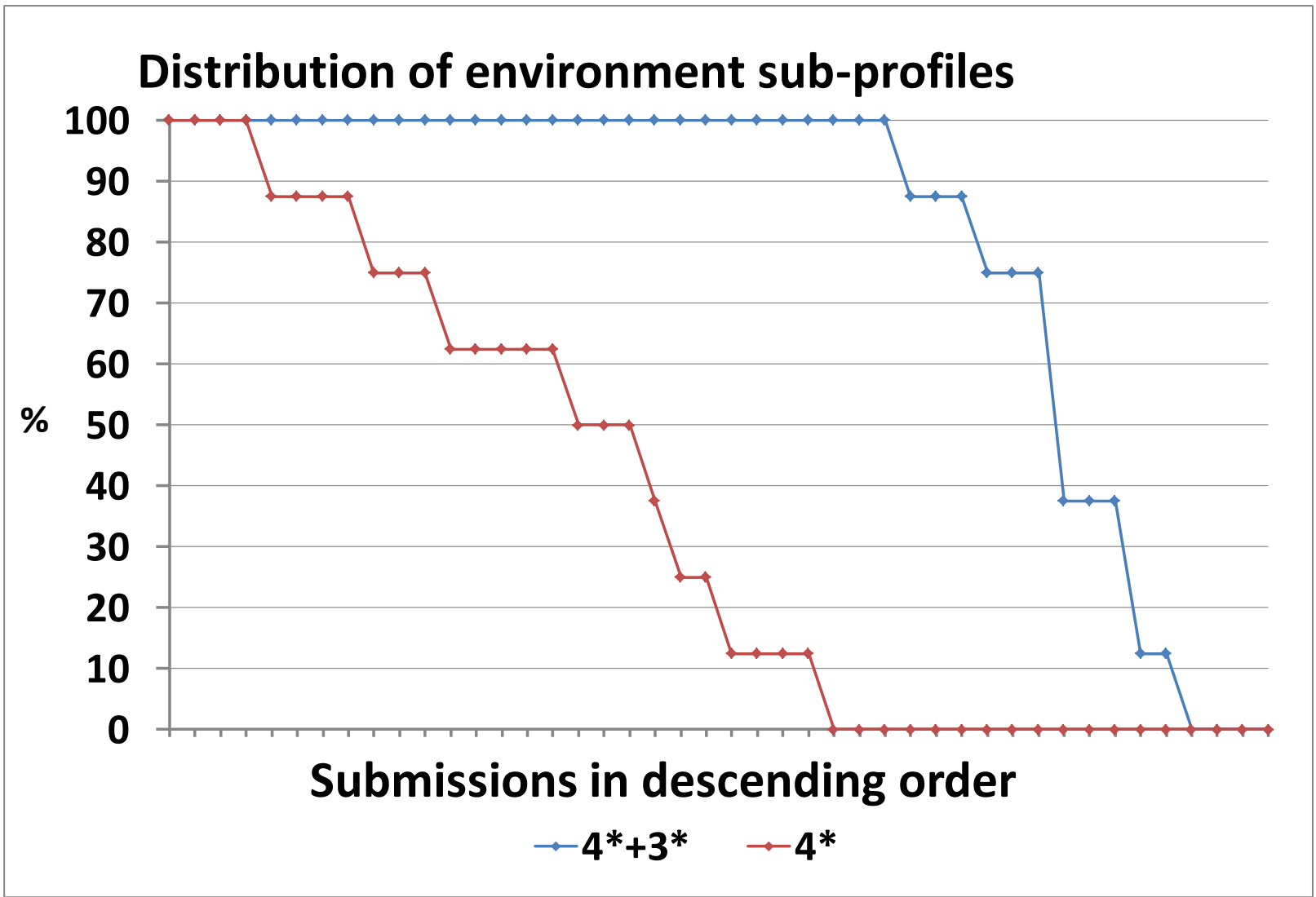
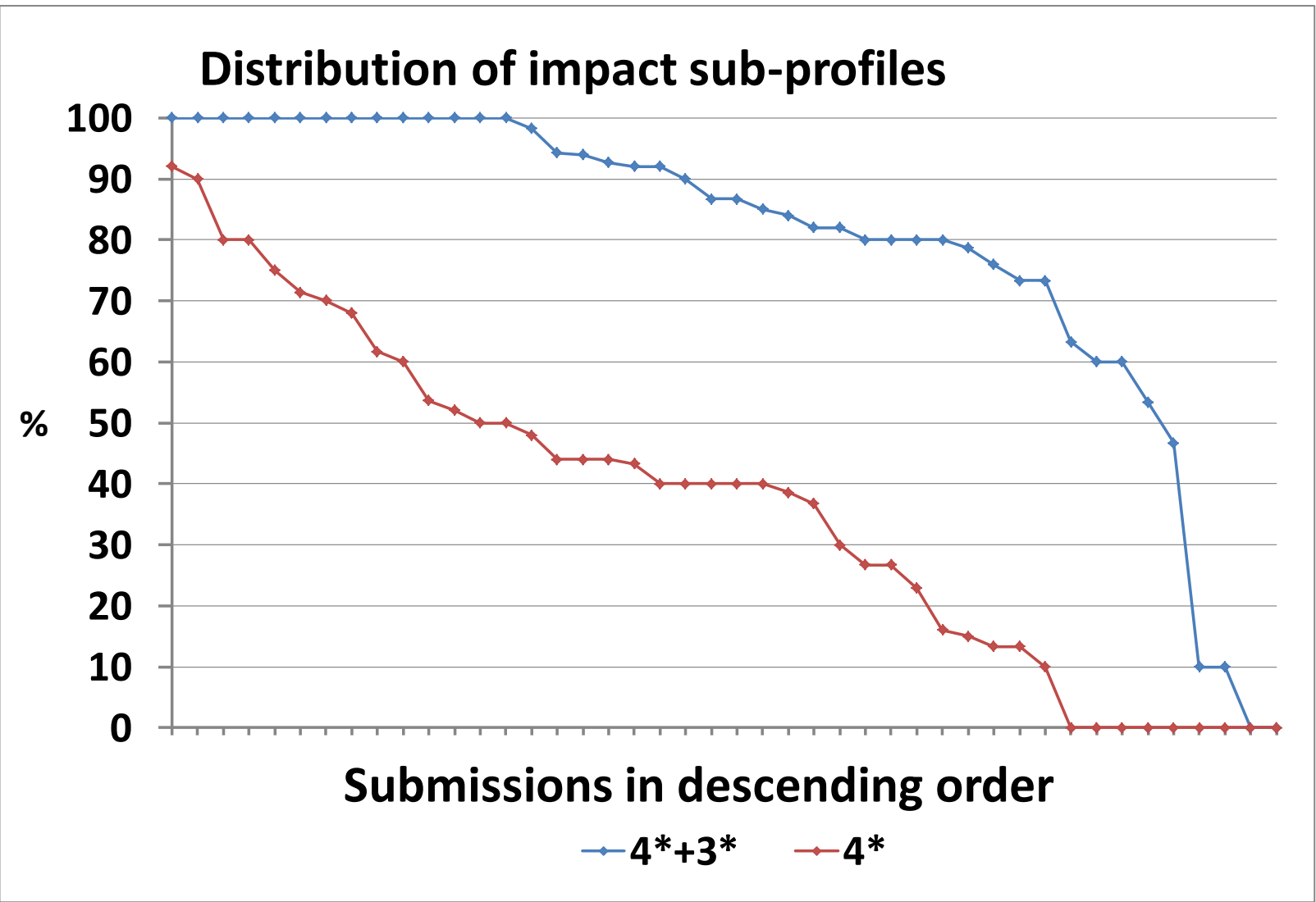
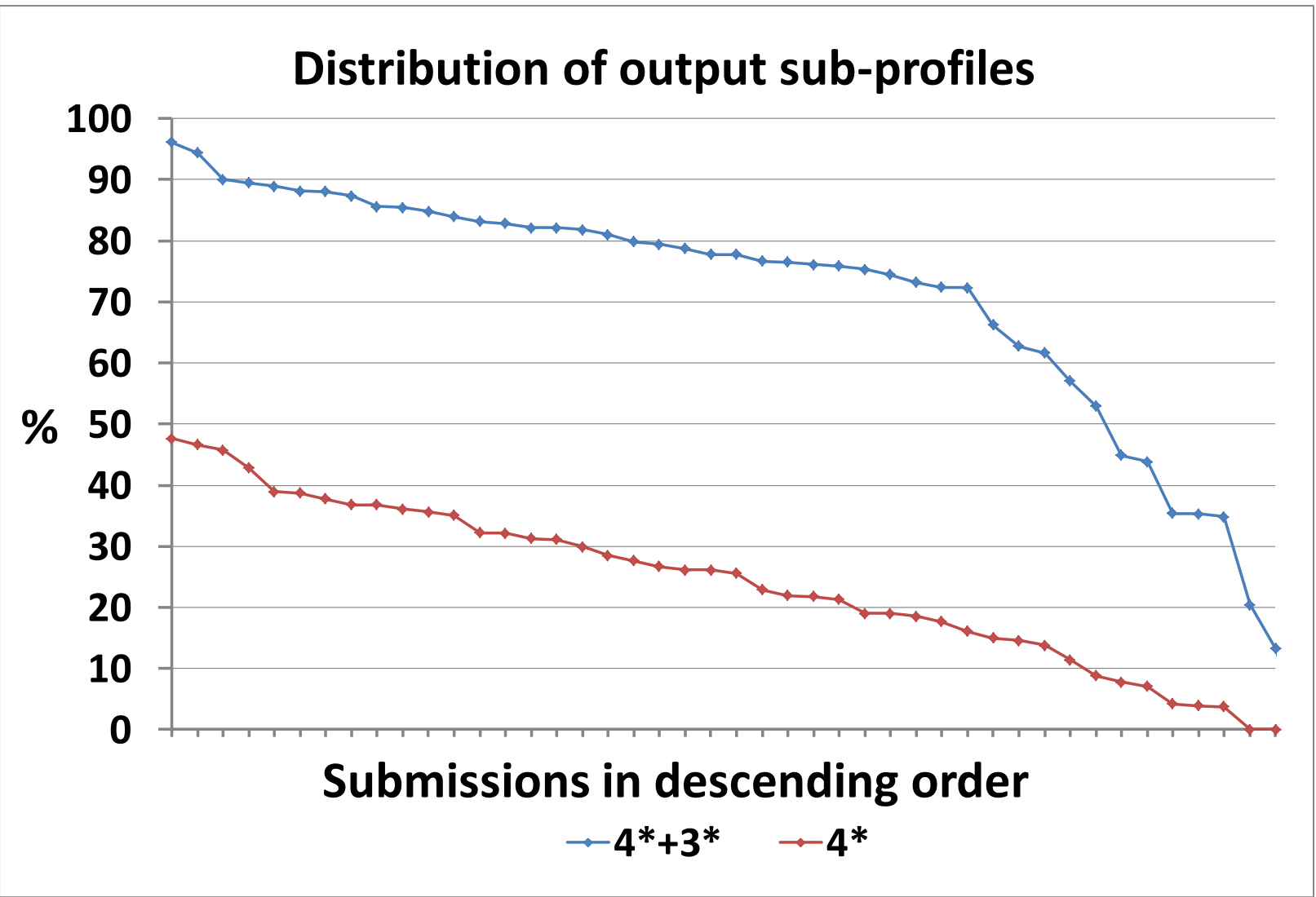
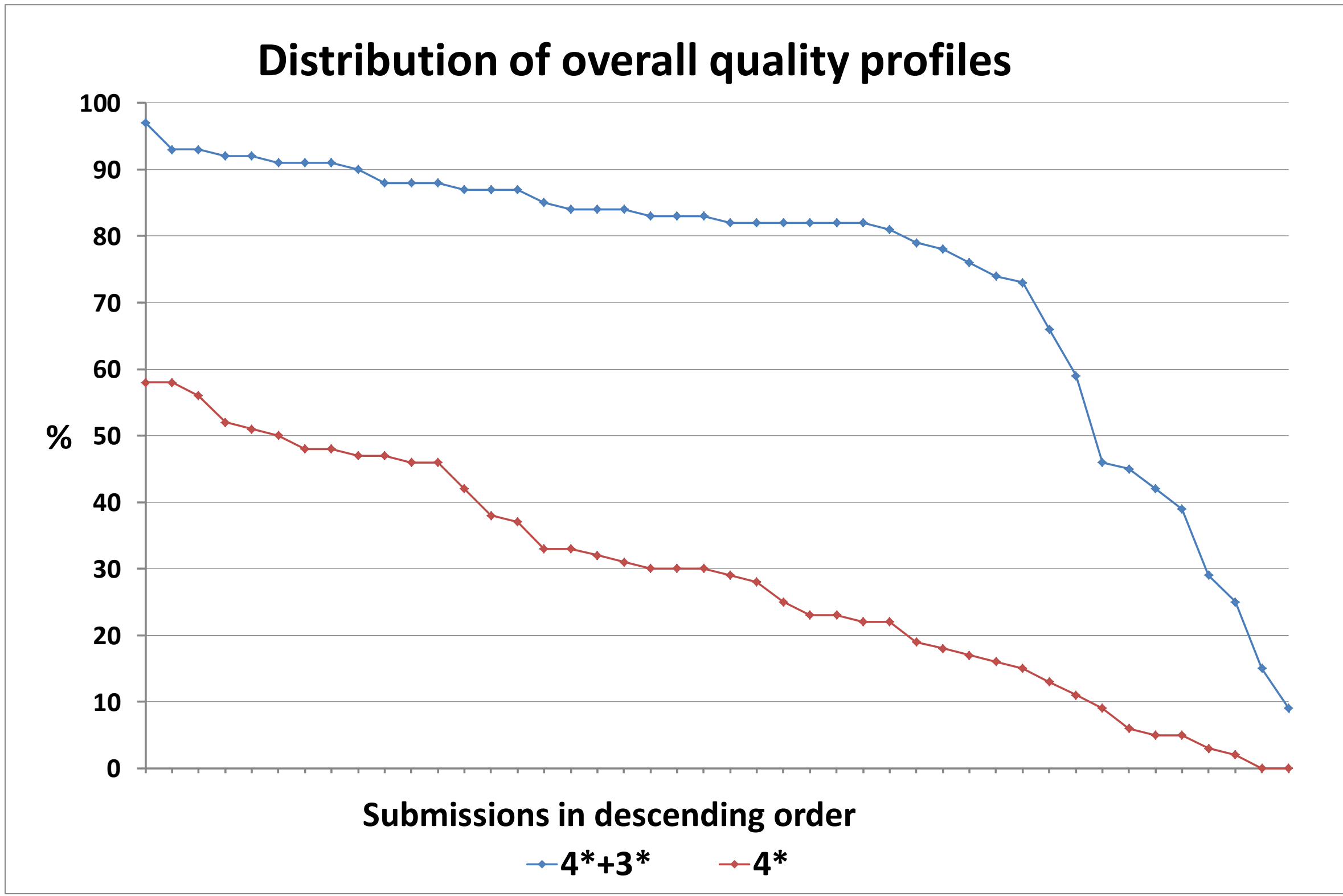
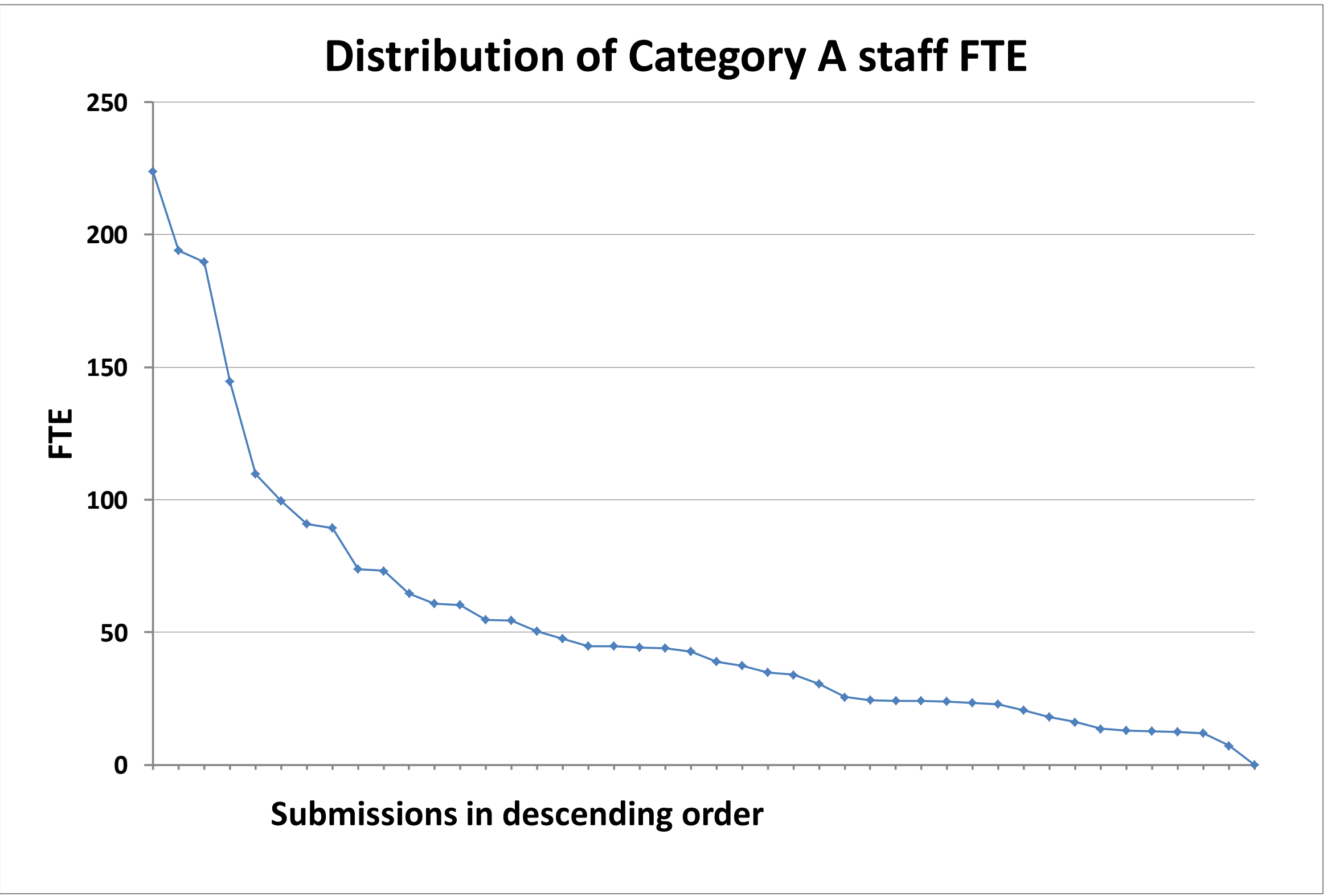
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
462.68	476.10	477.99	480.90	488.50



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	37	46	15	1	1
Outputs	29.3	48.9	19.1	1.3	1.4
Impact	47.8	41.1	9.5	0.6	1
Environment	57.9	36.1	4.5	1.5	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

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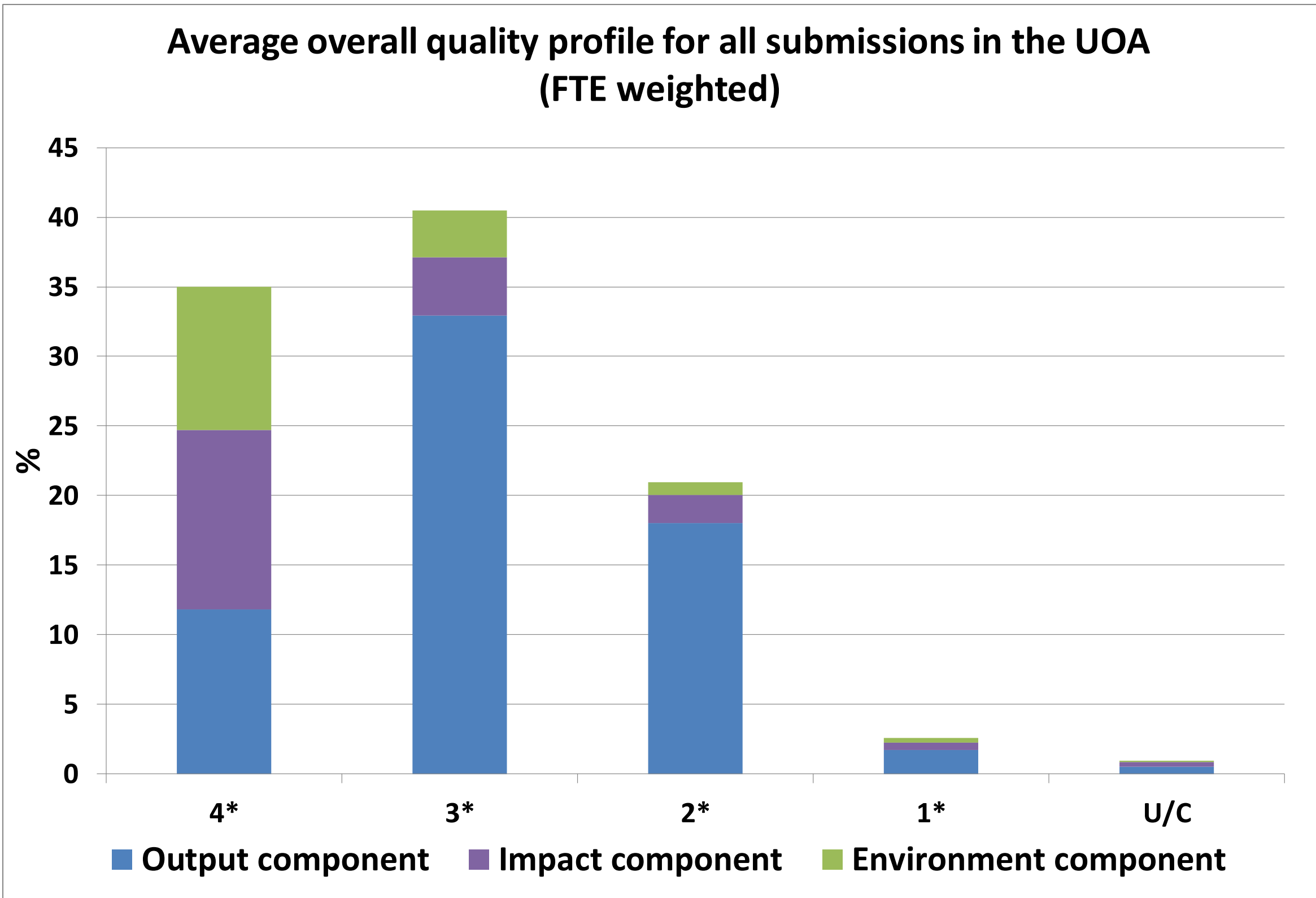
UOA 6: Agriculture, Veterinary and Food Science

Submission information

Number of submissions	29
Category A FTE staff submitted	1,042
Headcounts of category A and C staff submitted	1,100
Headcounts of early career researchers (REF1a)	174
Number of outputs submitted	3,920
Number of case studies submitted	128

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
335	335	354	380	361

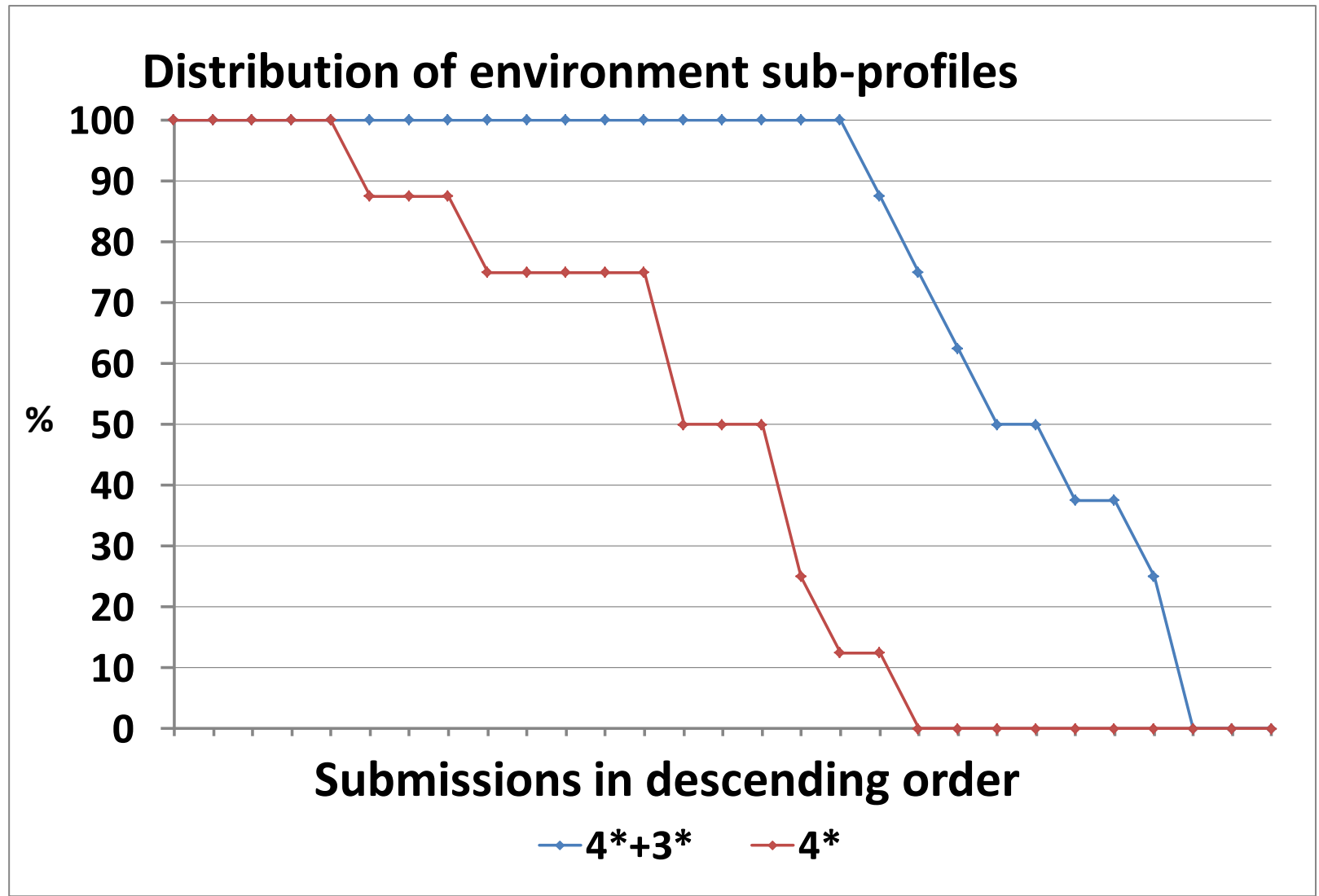
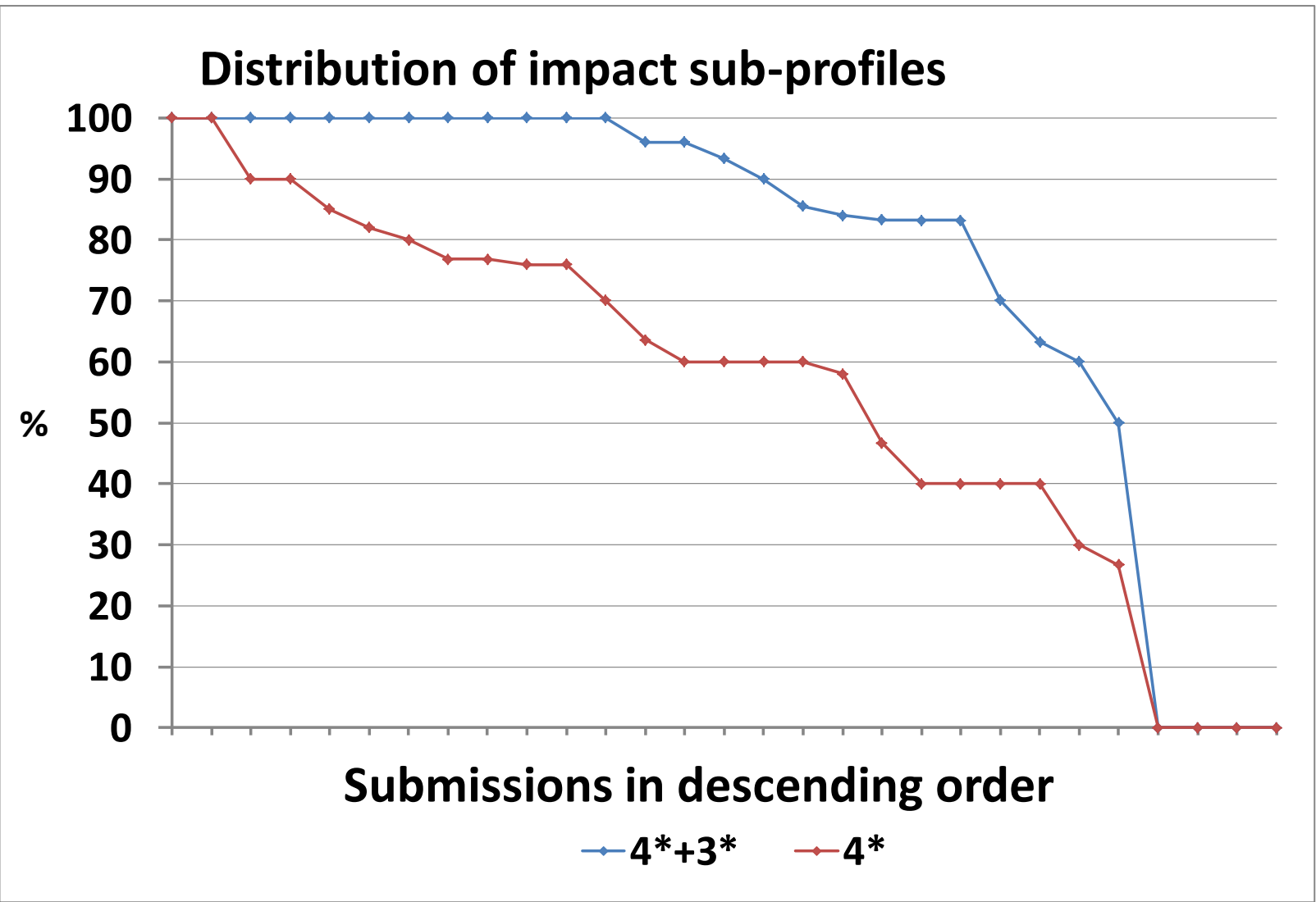
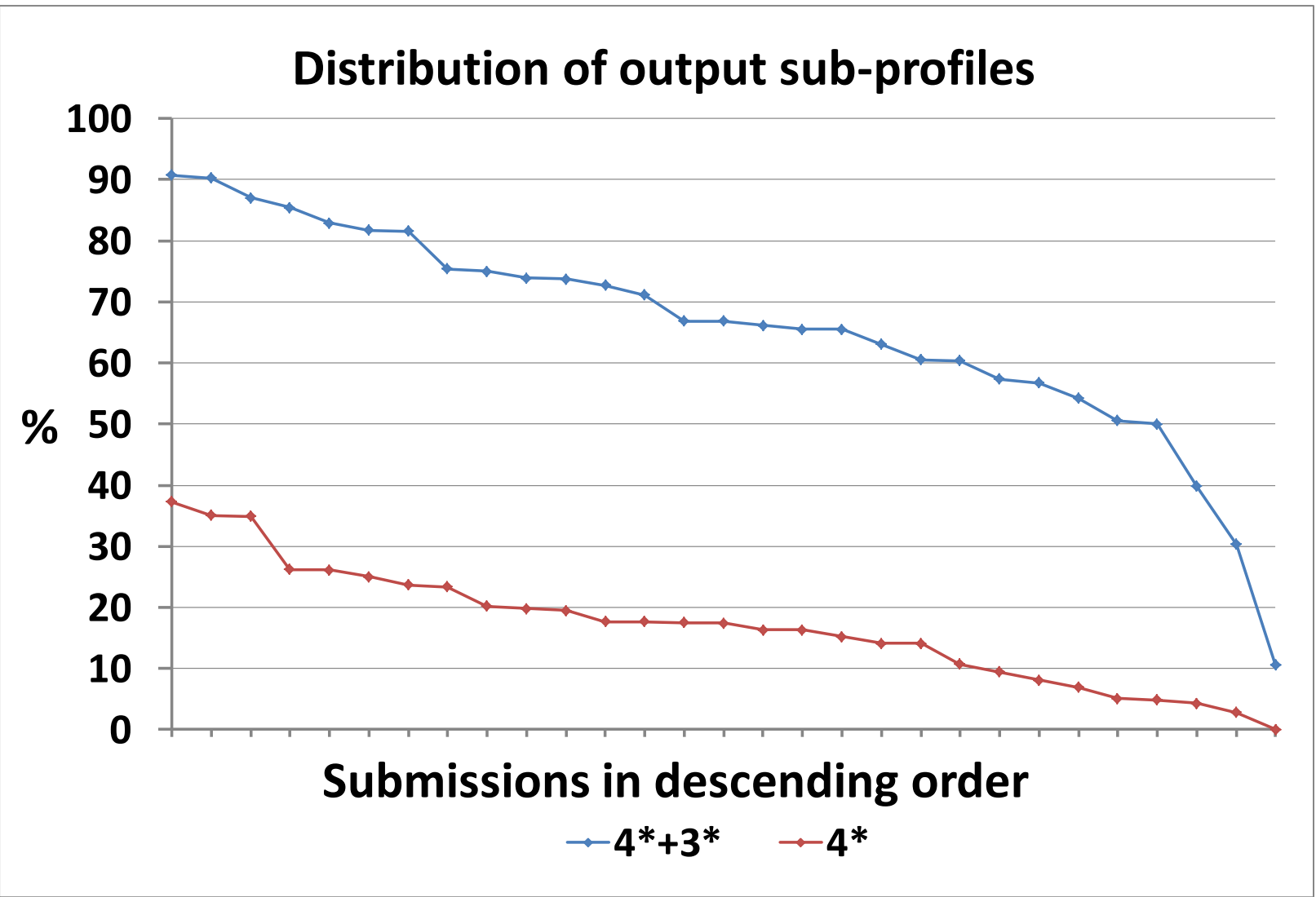
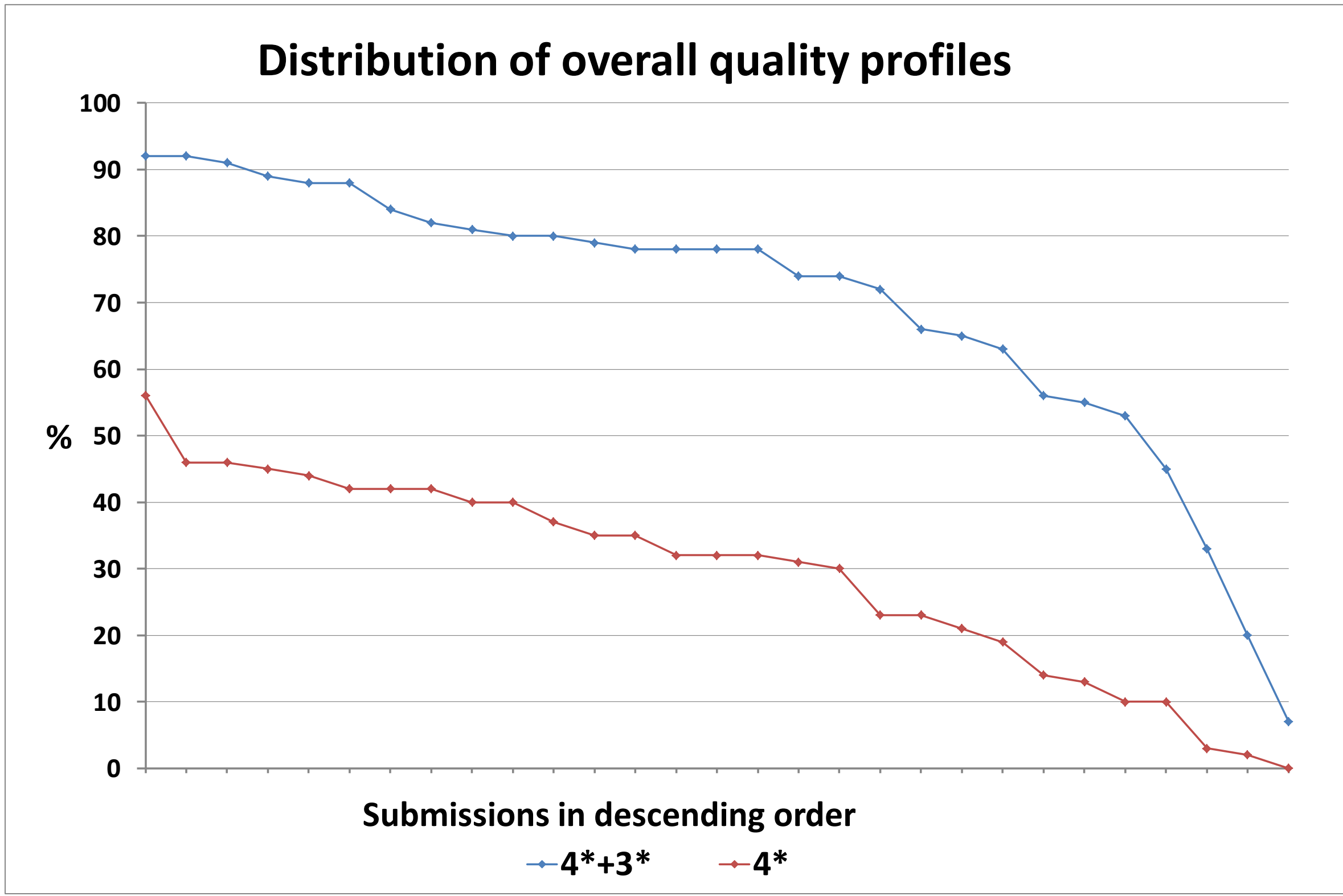
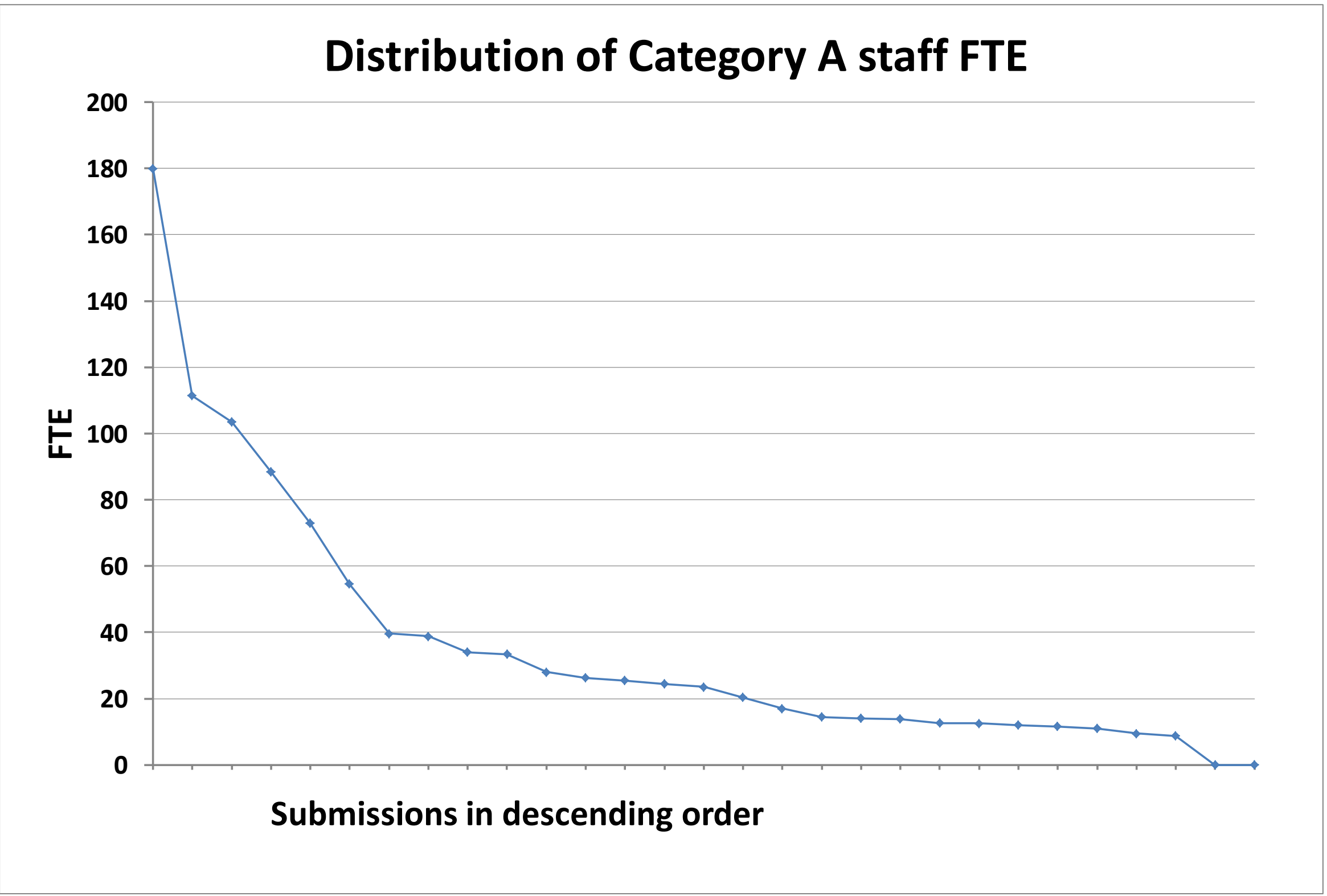
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
131.25	128.51	130.86	138.50	140.51



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	35	41	20	3	1
Outputs	18.2	50.7	27.7	2.6	0.8
Impact	64.3	20.9	10.3	2.8	1.7
Environment	68.9	22.4	6	2.1	0.6

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

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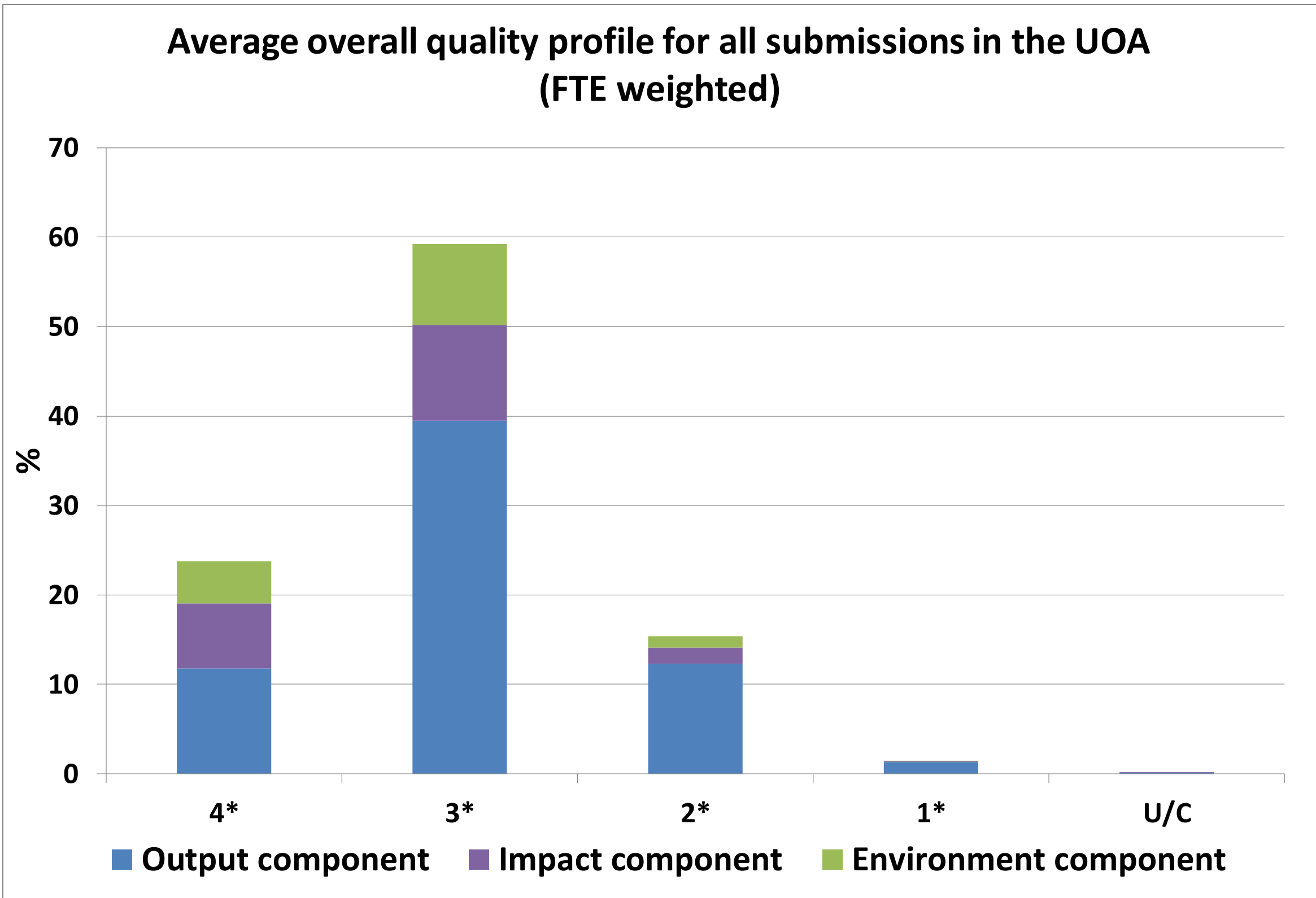
UOA 7: Earth Systems and Environmental Sciences

Submission information

Number of submissions	45
Category A FTE staff submitted	1,380
Headcounts of category A and C staff submitted	1,489
Headcounts of early career researchers (REF1a)	285
Number of outputs submitted	5,250
Number of case studies submitted	175

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
448	485	463	469	607

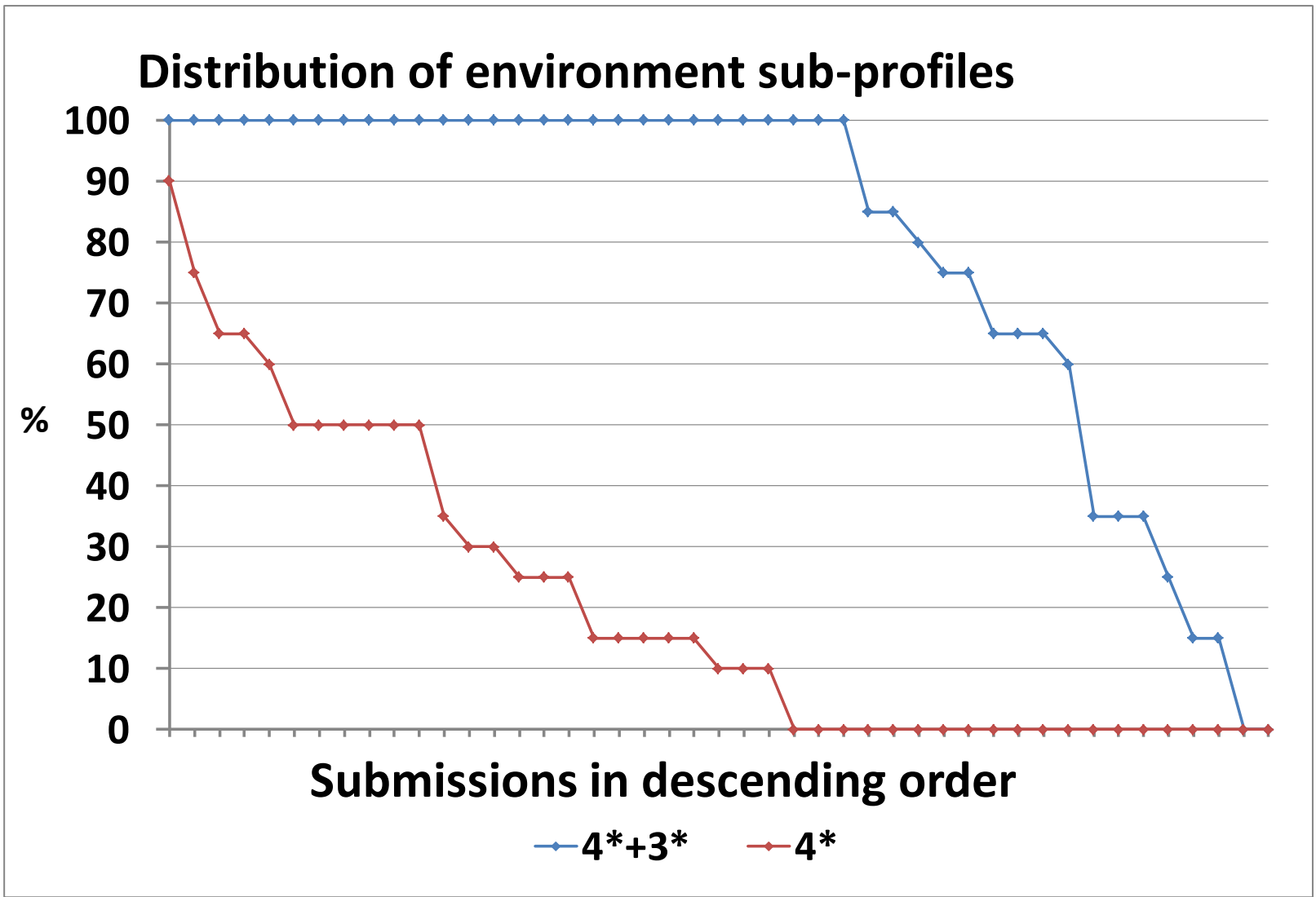
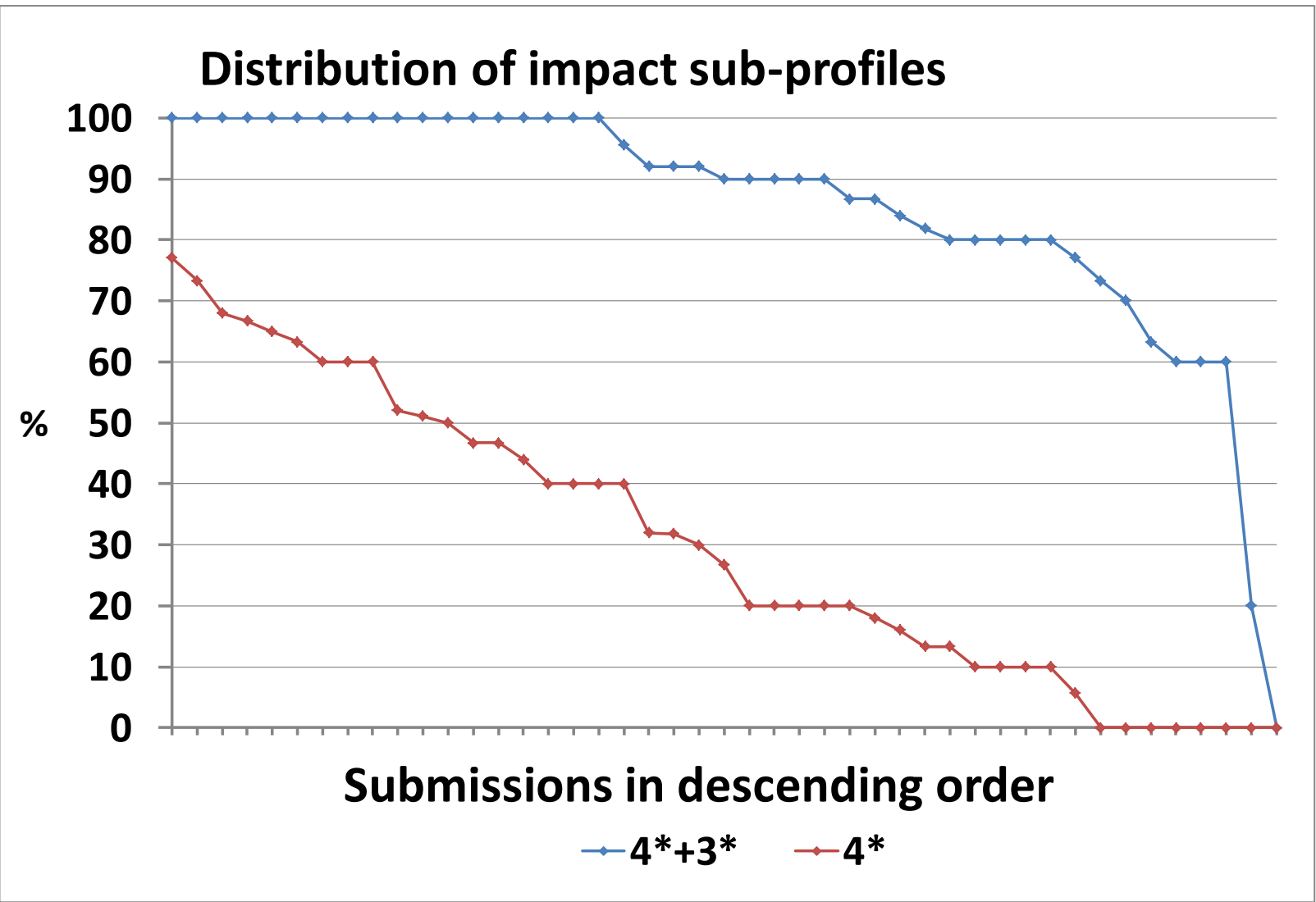
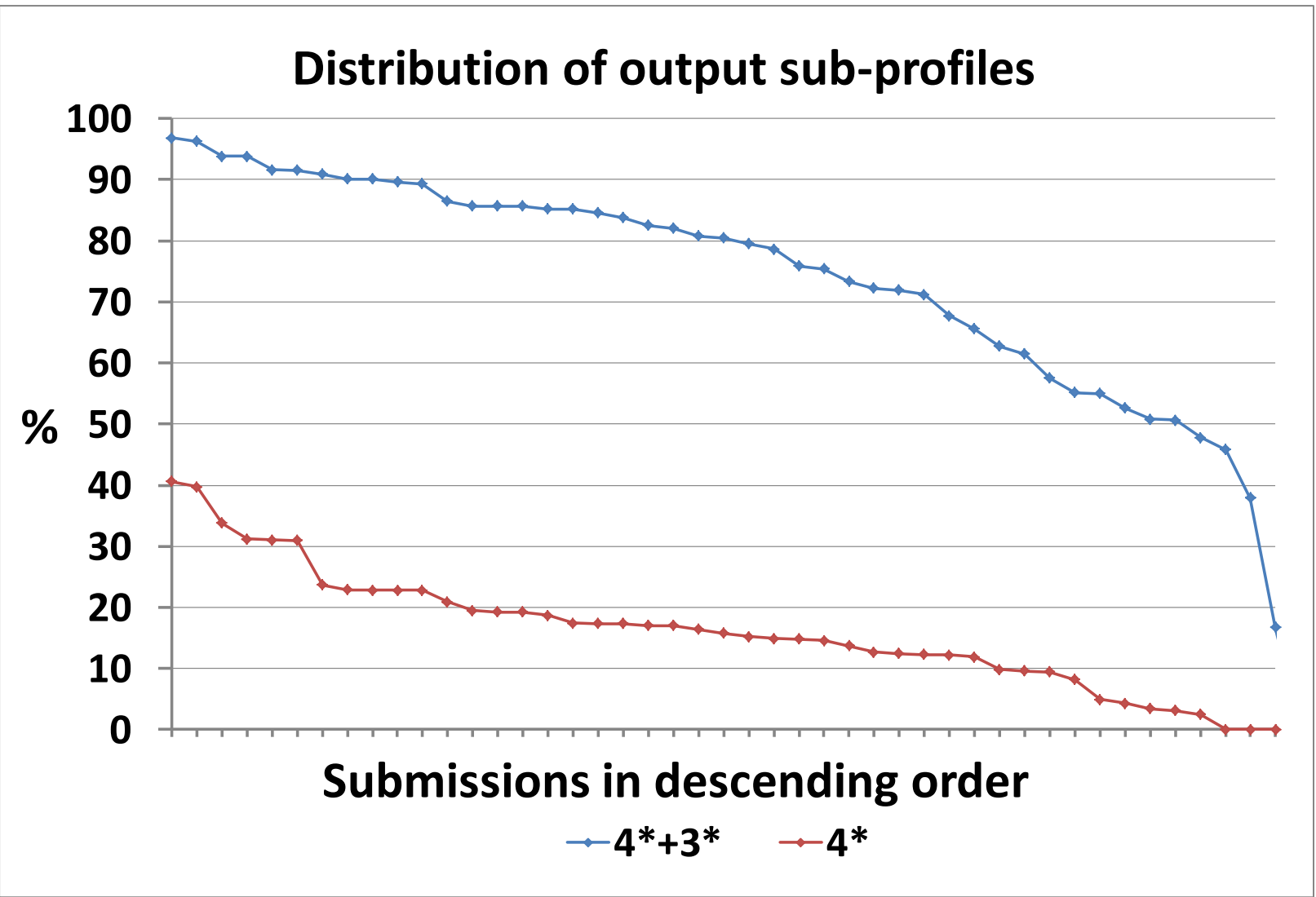
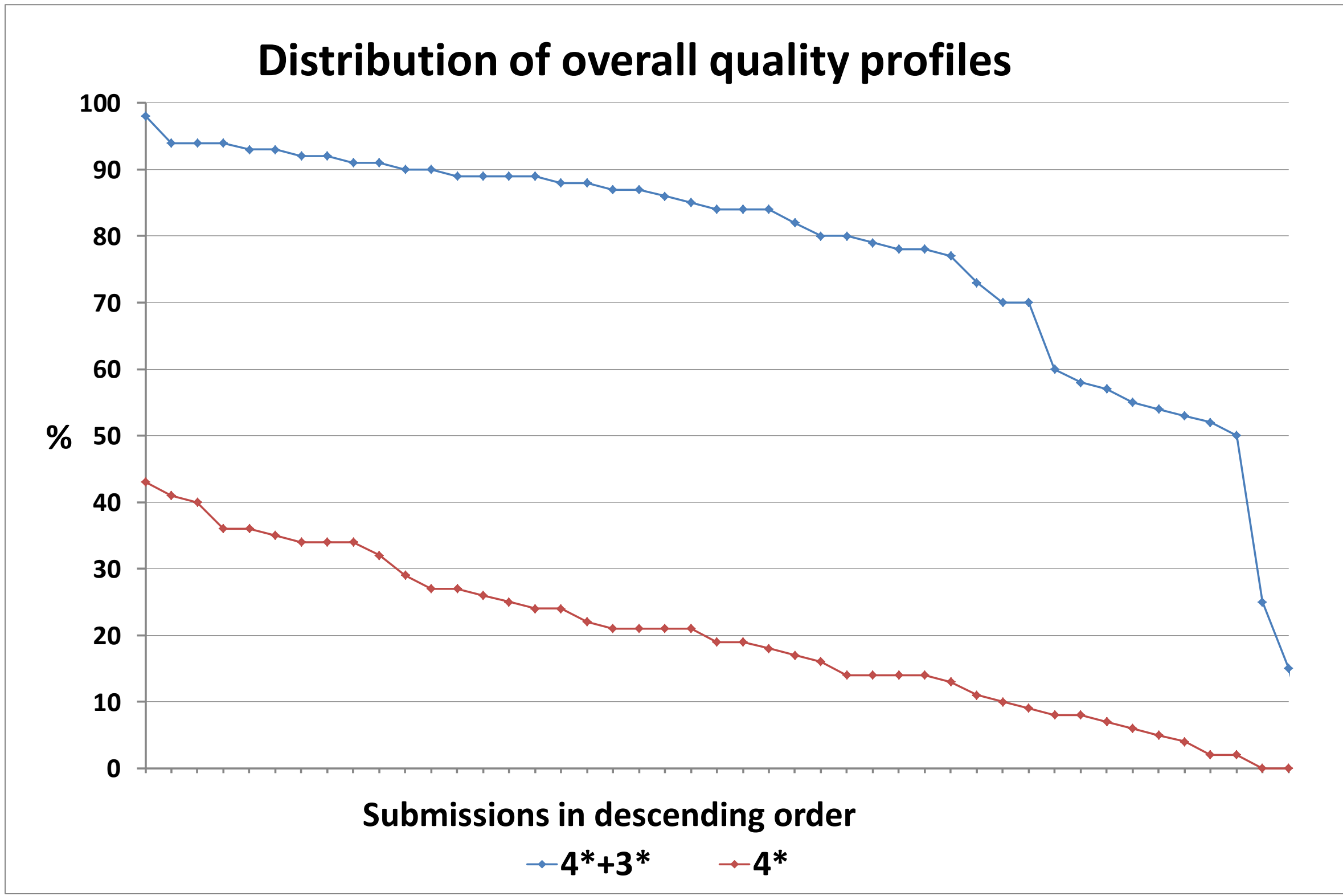
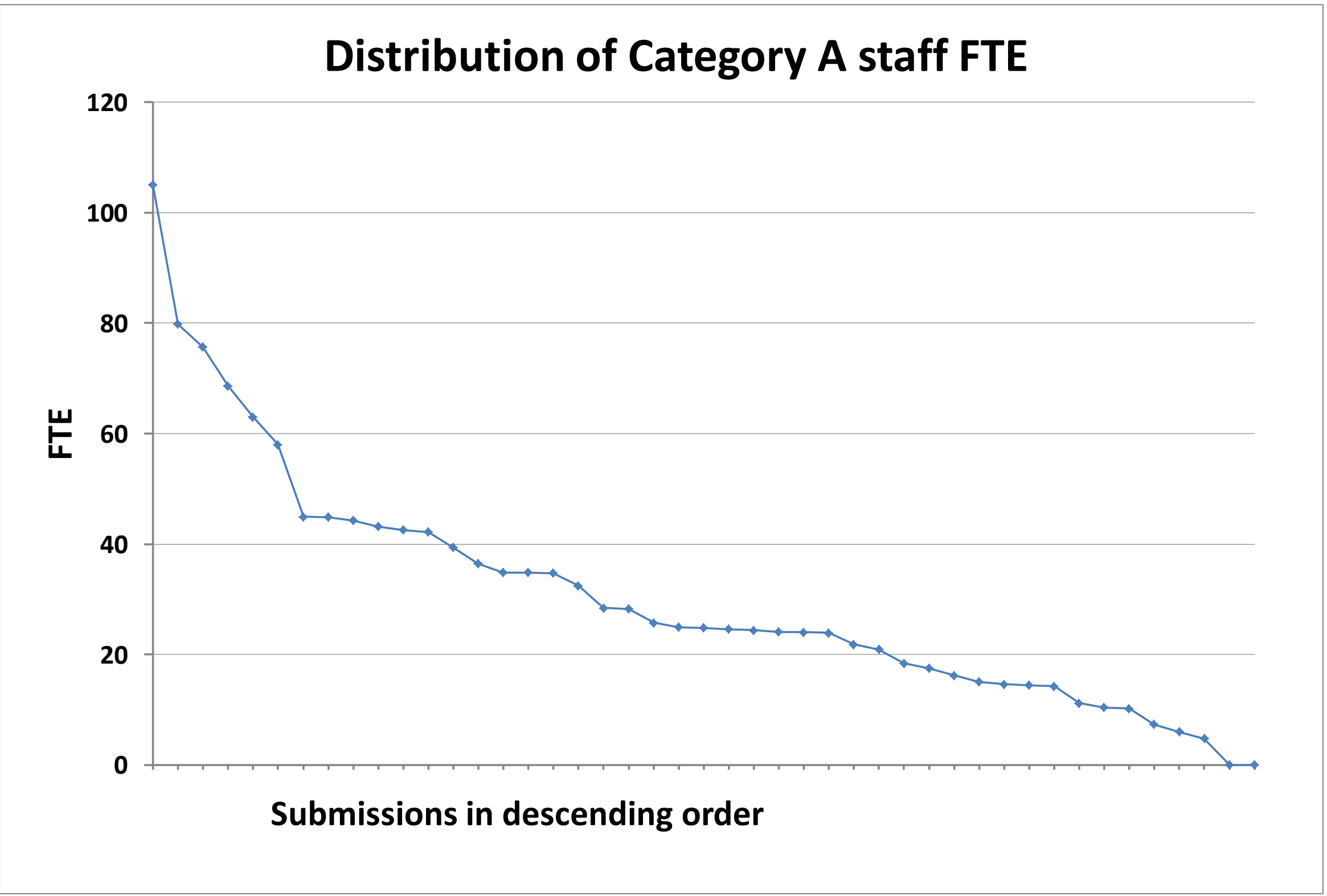
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
146.57	160.34	163.14	167.60	175.57



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	24	59	15	2	0
Outputs	18.2	60.7	18.9	2	0.2
Impact	36.2	53.8	9.1	0.4	0.5
Environment	31.2	60	8.3	0.5	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

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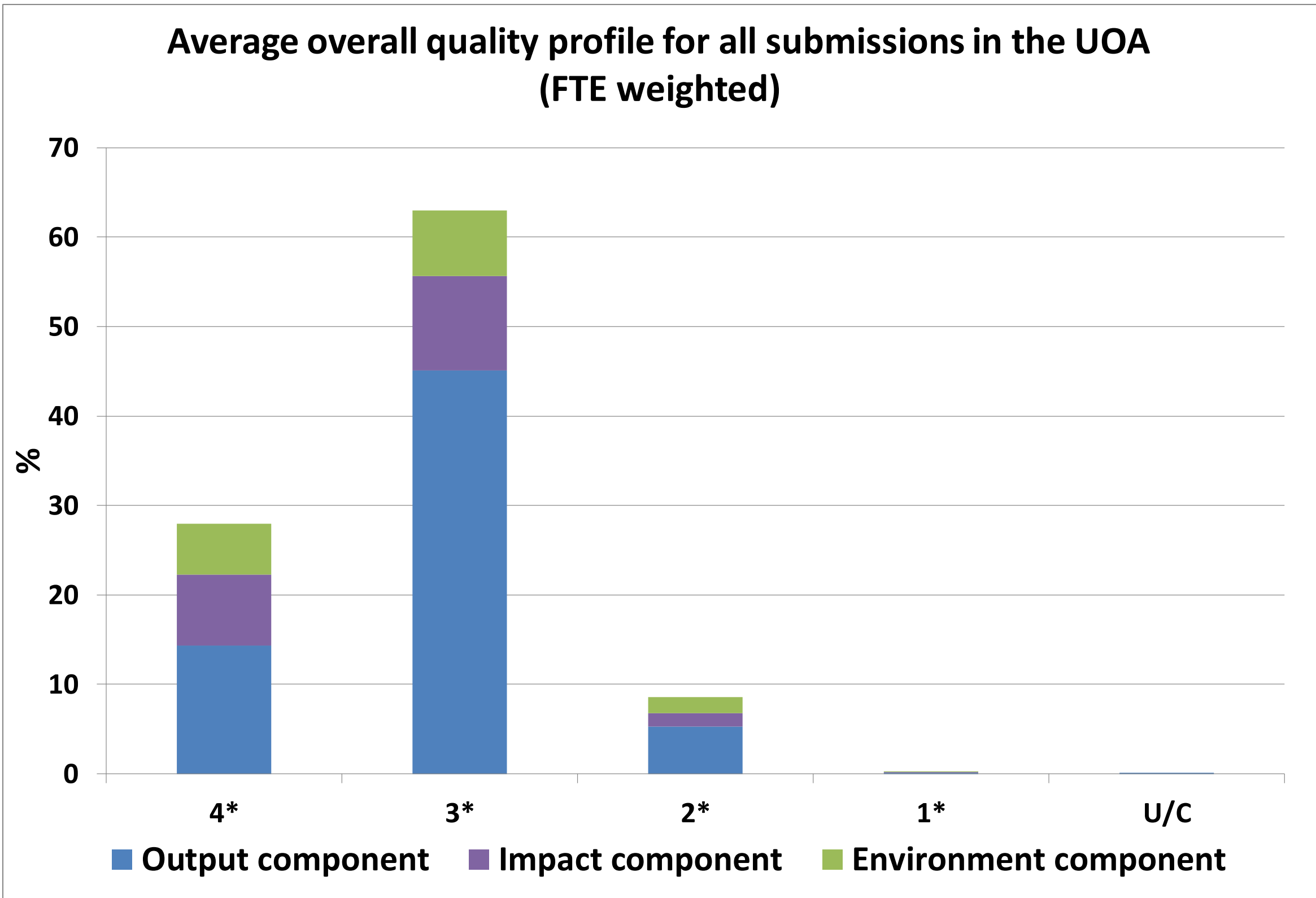
UOA 8: Chemistry

Submission information

Number of submissions	37
Category A FTE staff submitted	1,229
Headcounts of category A and C staff submitted	1,267
Headcounts of early career researchers (REF1a)	206
Number of outputs submitted	4,698
Number of case studies submitted	152

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
837	990	929	932	1047

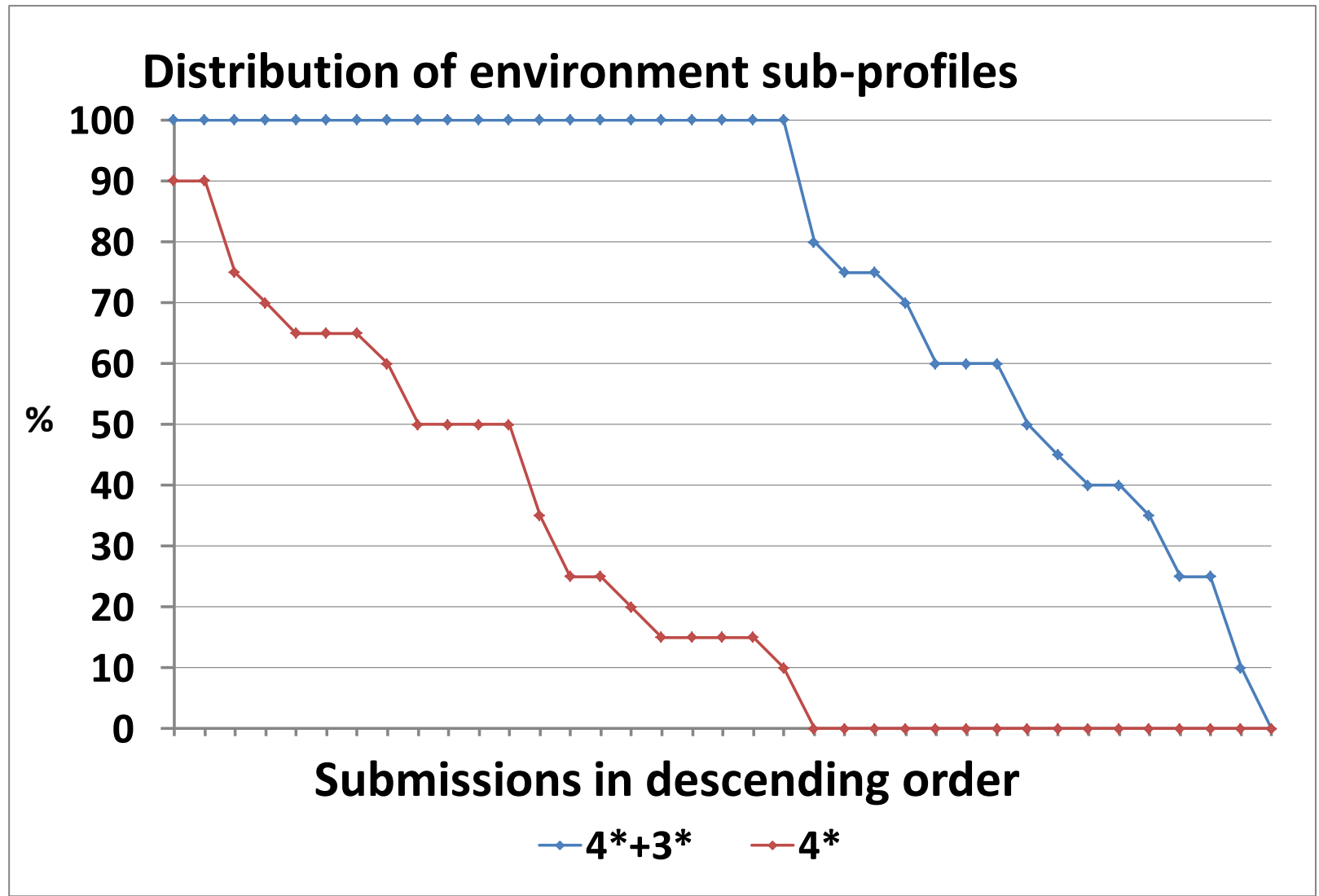
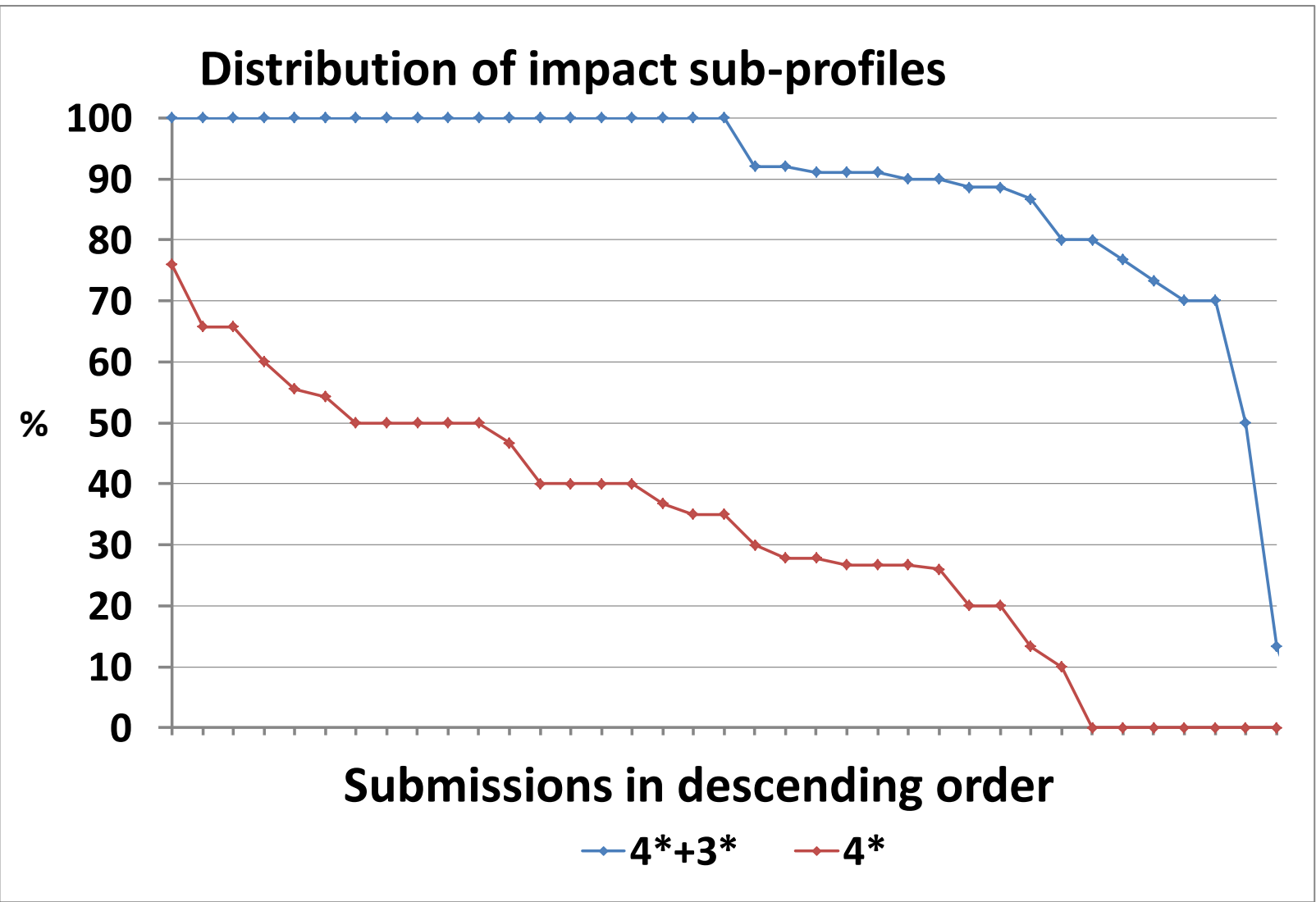
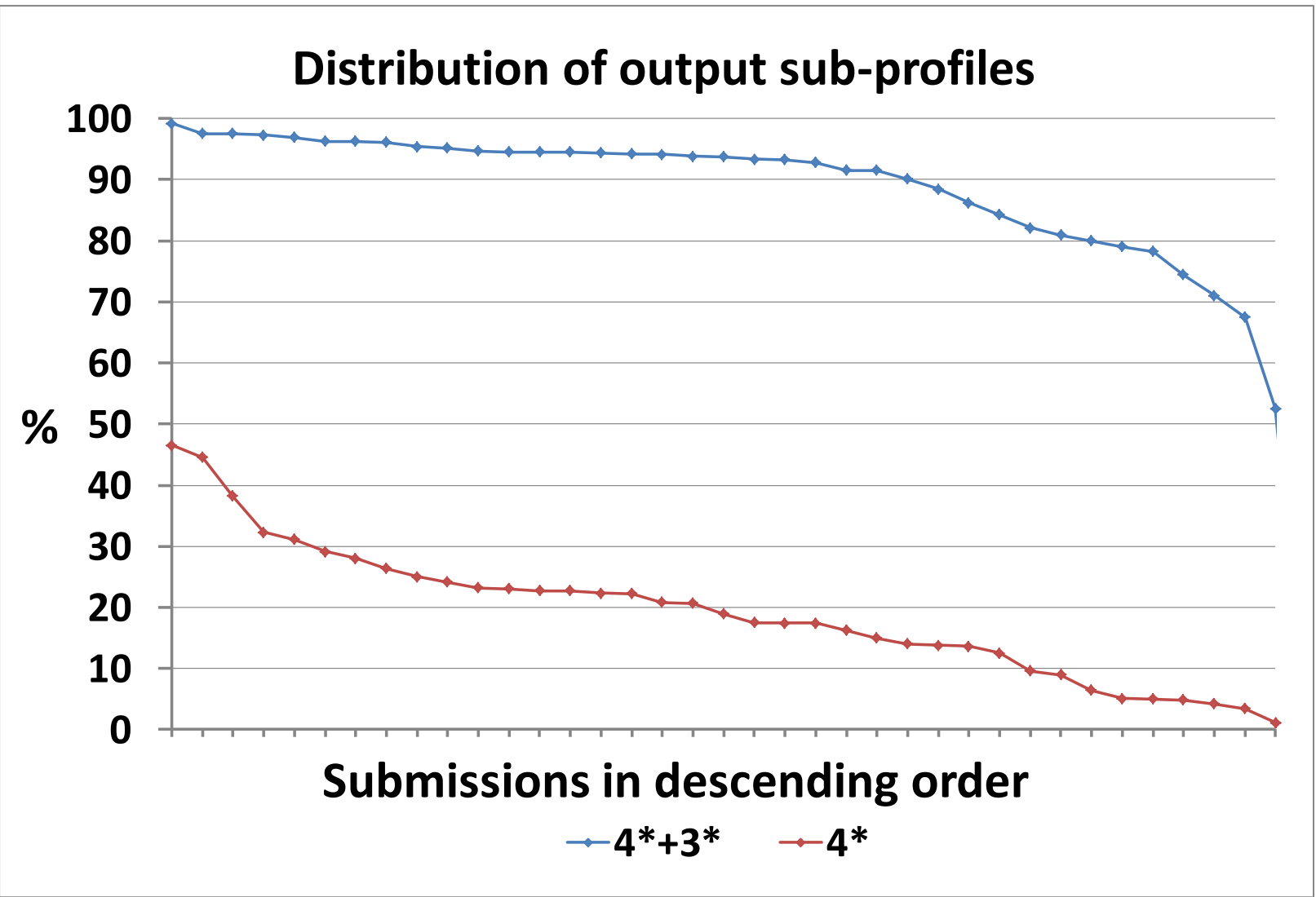
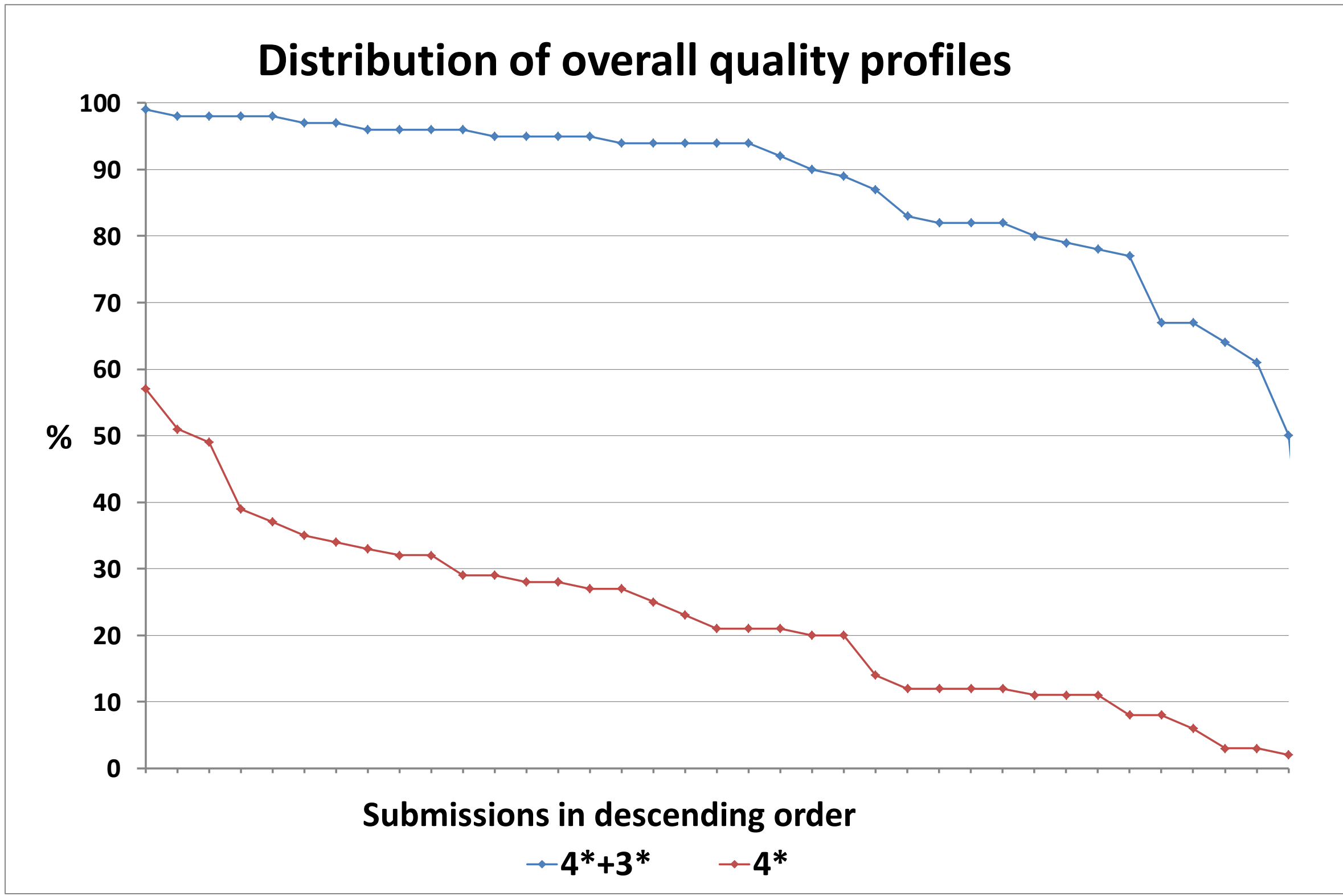
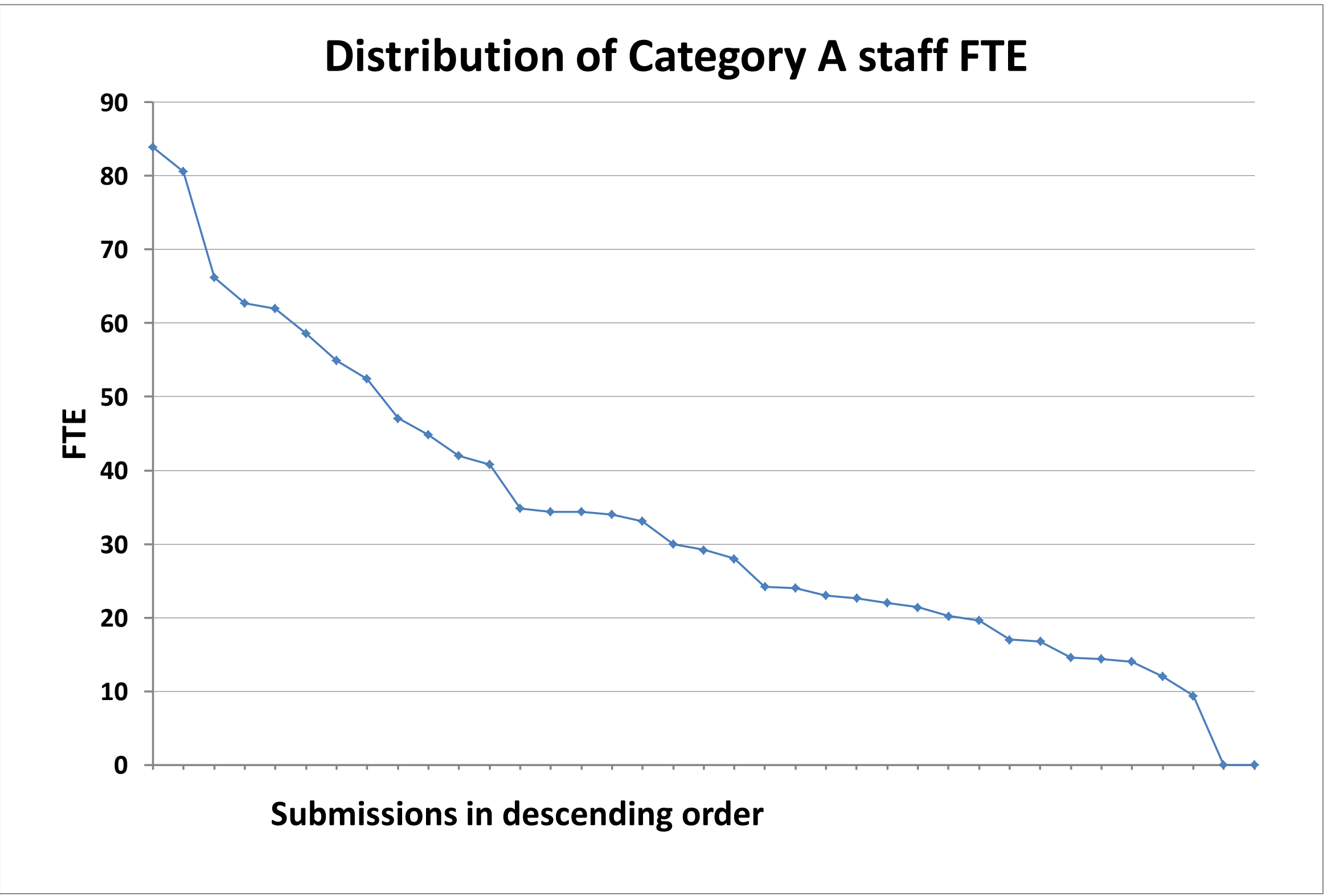
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
198.46	199.42	198.29	202.92	212.89



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	28	63	9	0	0
Outputs	22.1	69.4	8.1	0.2	0.2
Impact	39.6	52.6	7.5	0.3	0
Environment	38	49.2	12.1	0.7	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

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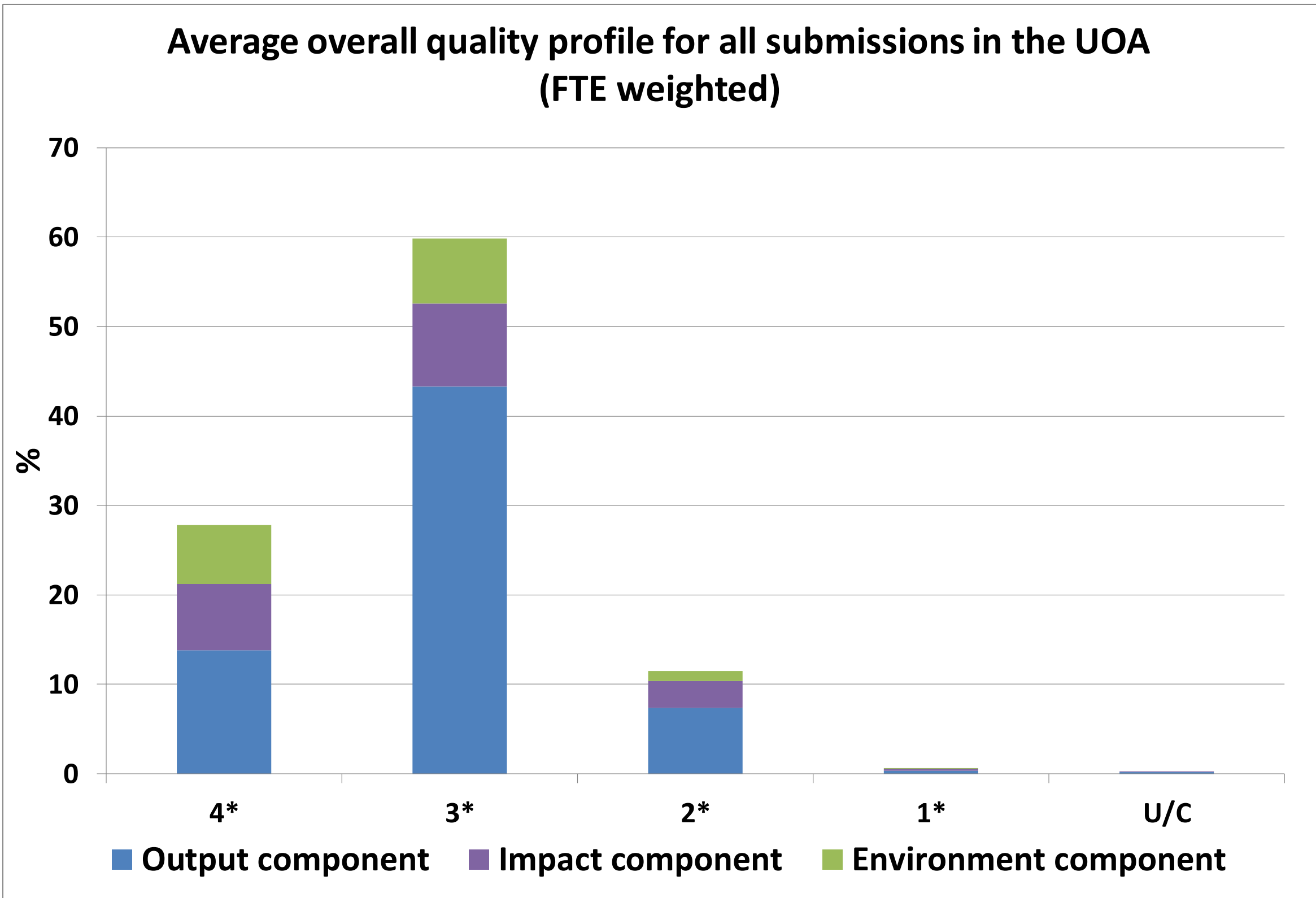
UOA 9: Physics

Submission information

Number of submissions	41
Category A FTE staff submitted	1,704
Headcounts of category A and C staff submitted	1,773
Headcounts of early career researchers (REF1a)	302
Number of outputs submitted	6,446
Number of case studies submitted	203

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
633	690	730	749	779

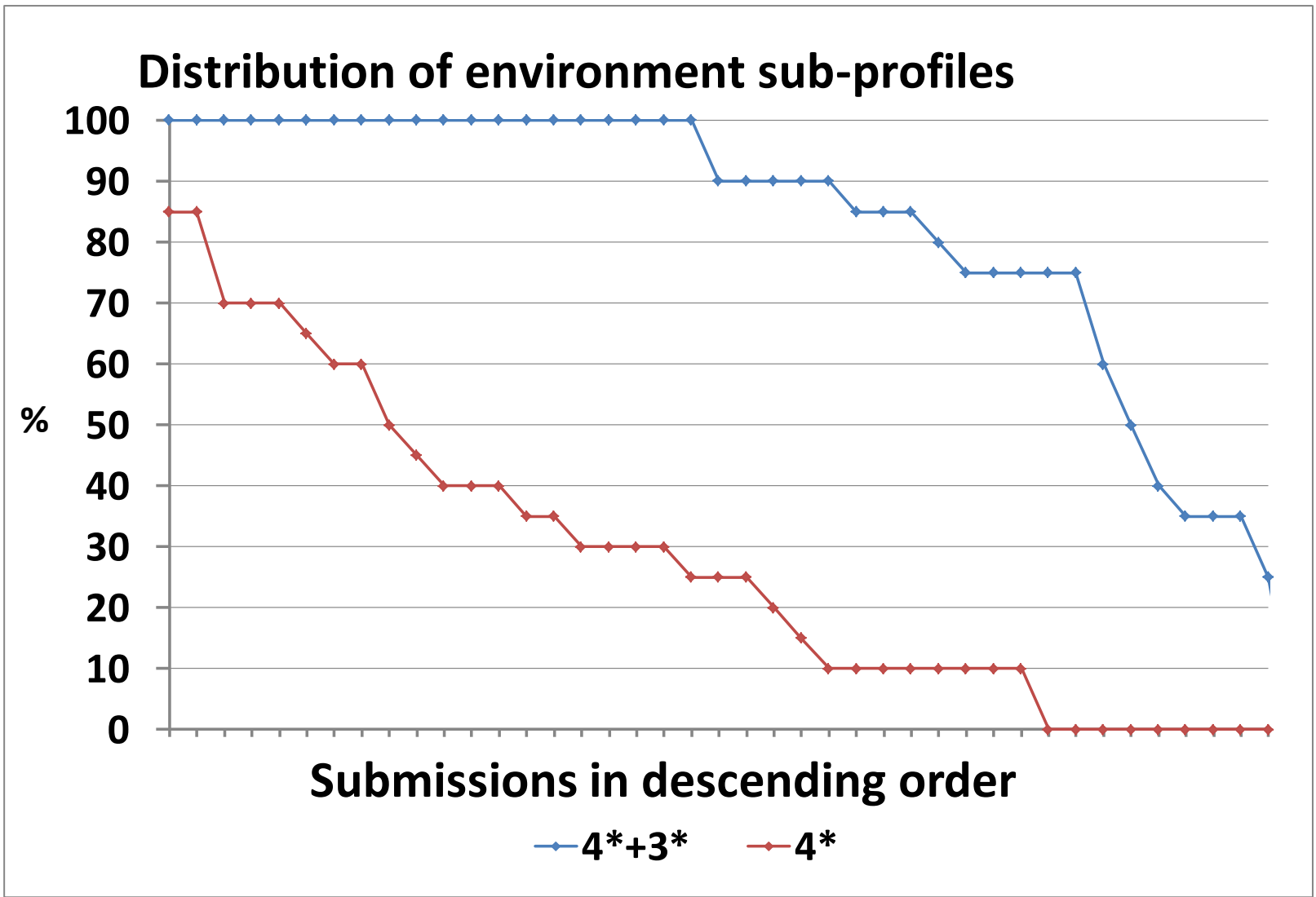
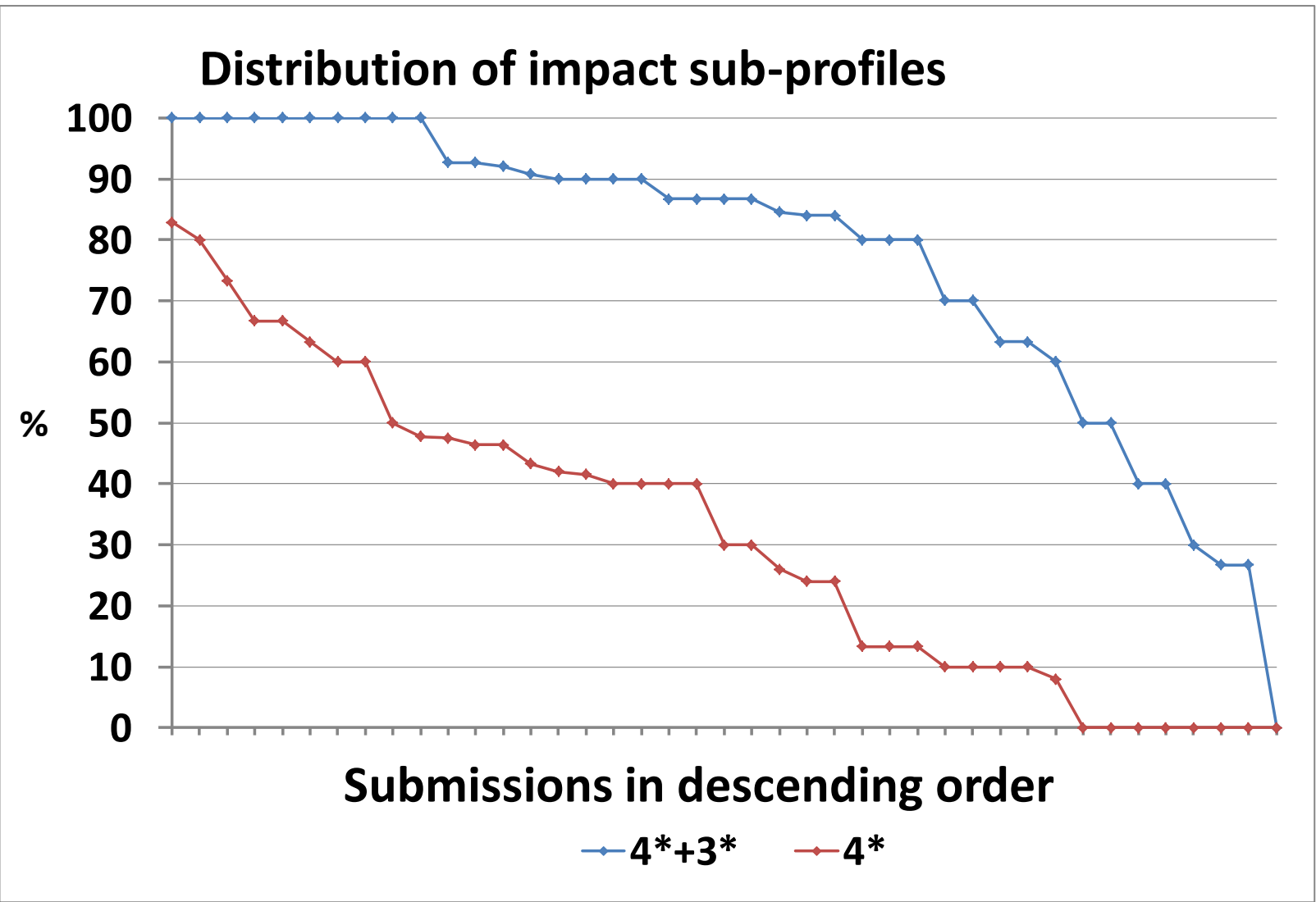
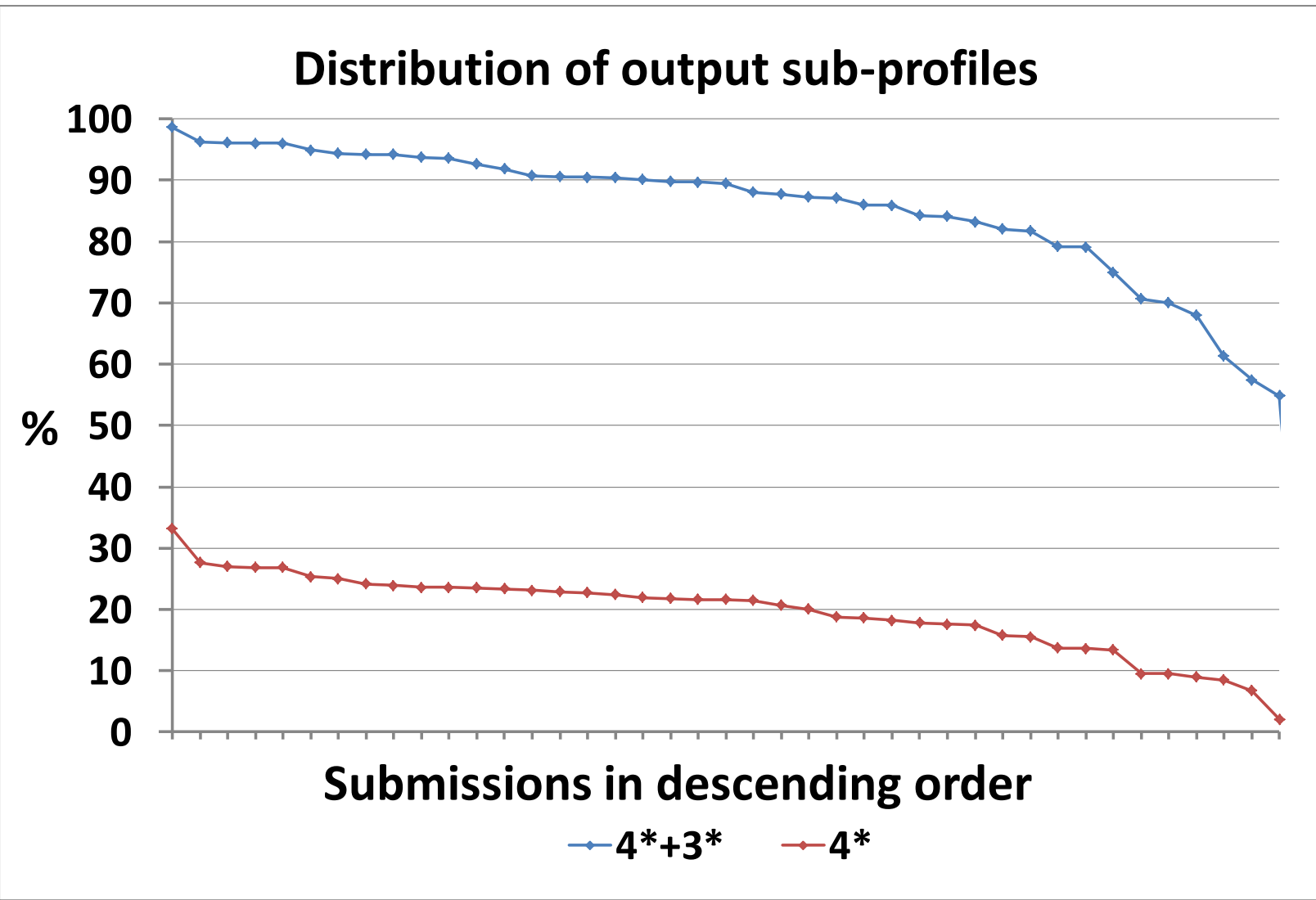
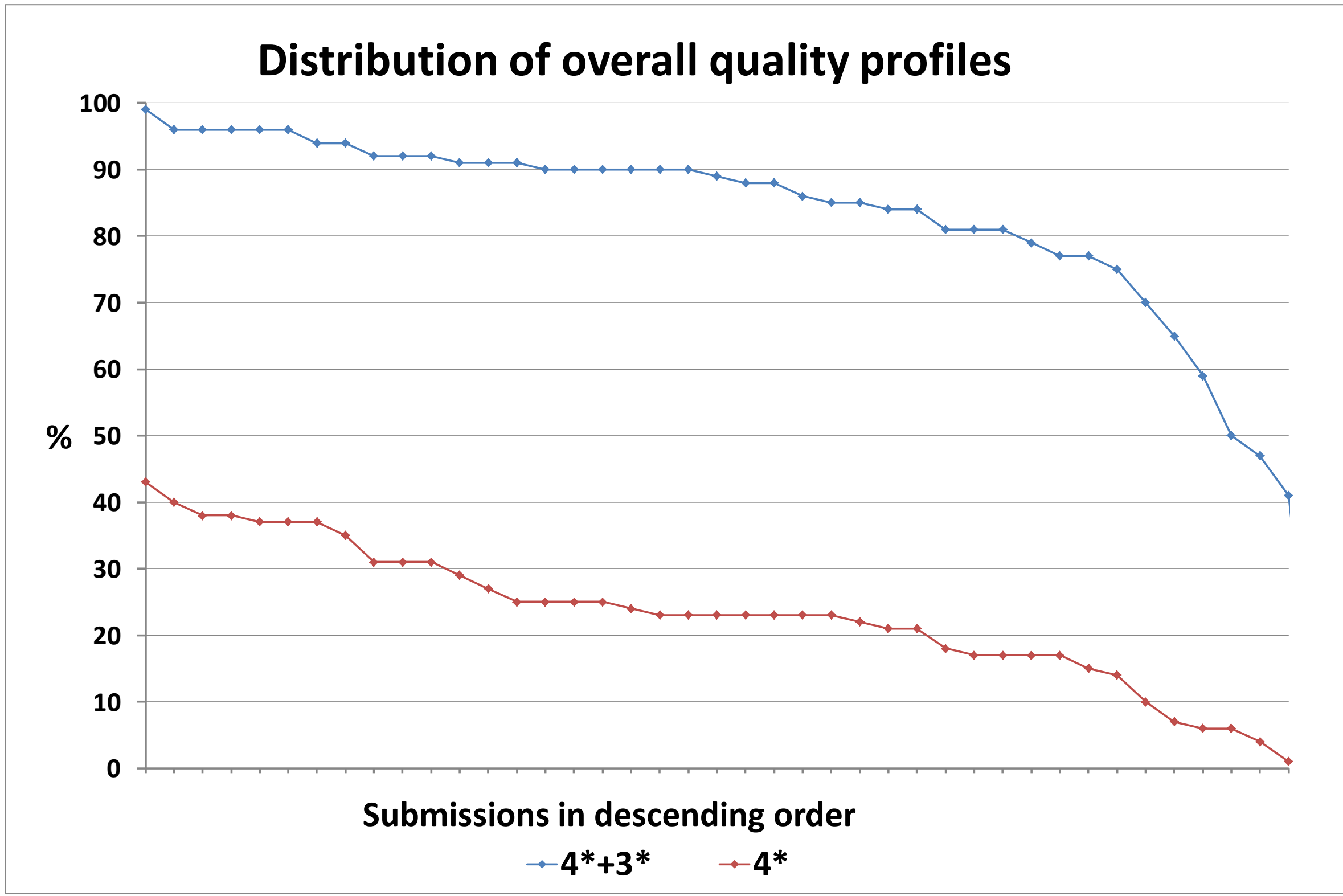
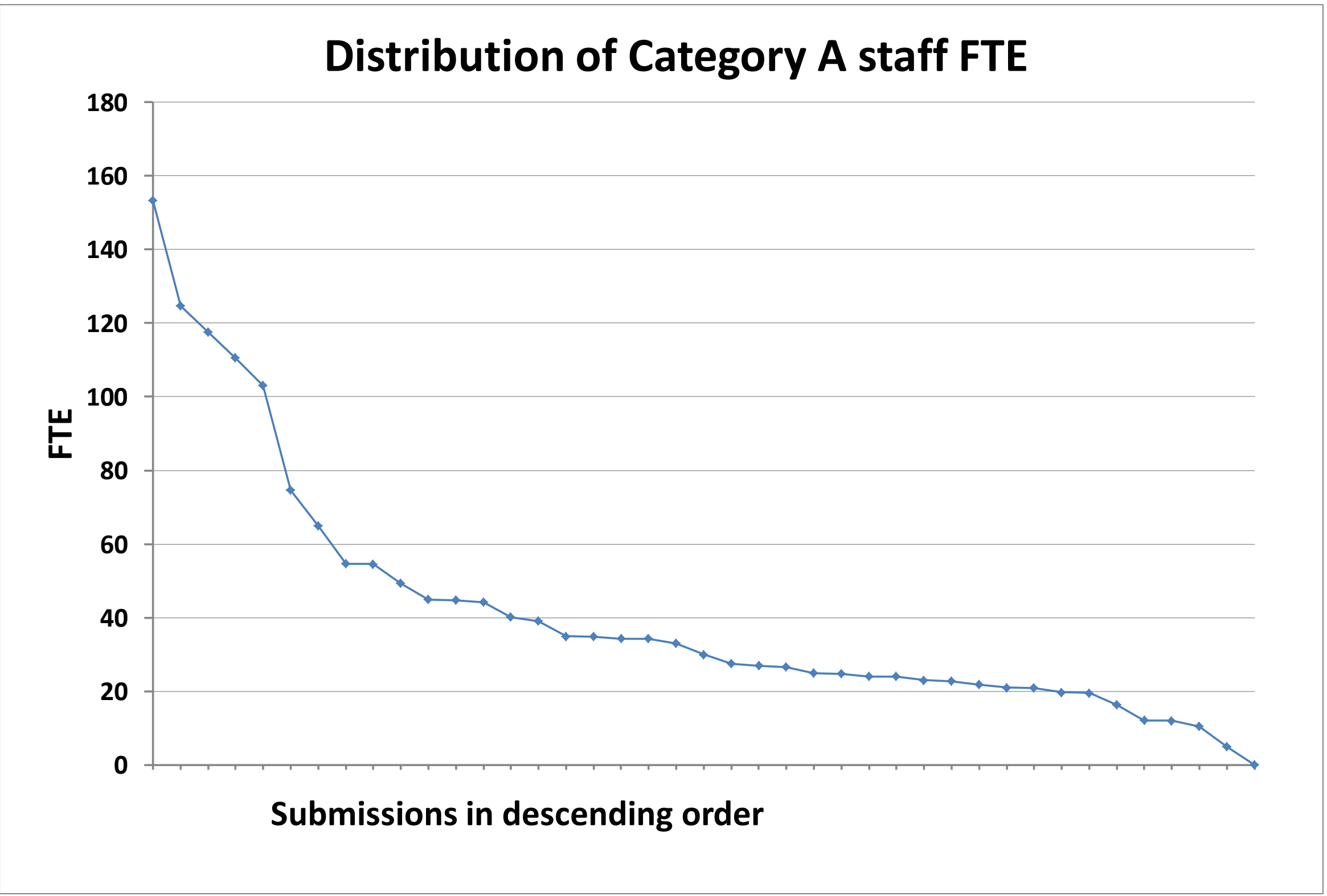
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
471.48	490.78	490.78	474.38	476.05



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	28	60	11	1	0
Outputs	21.3	66.6	11.3	0.5	0.3
Impact	37	46.5	15.2	1.1	0.2
Environment	44	48.5	7.3	0.2	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.

REF 2014: Unit of assessment summary data

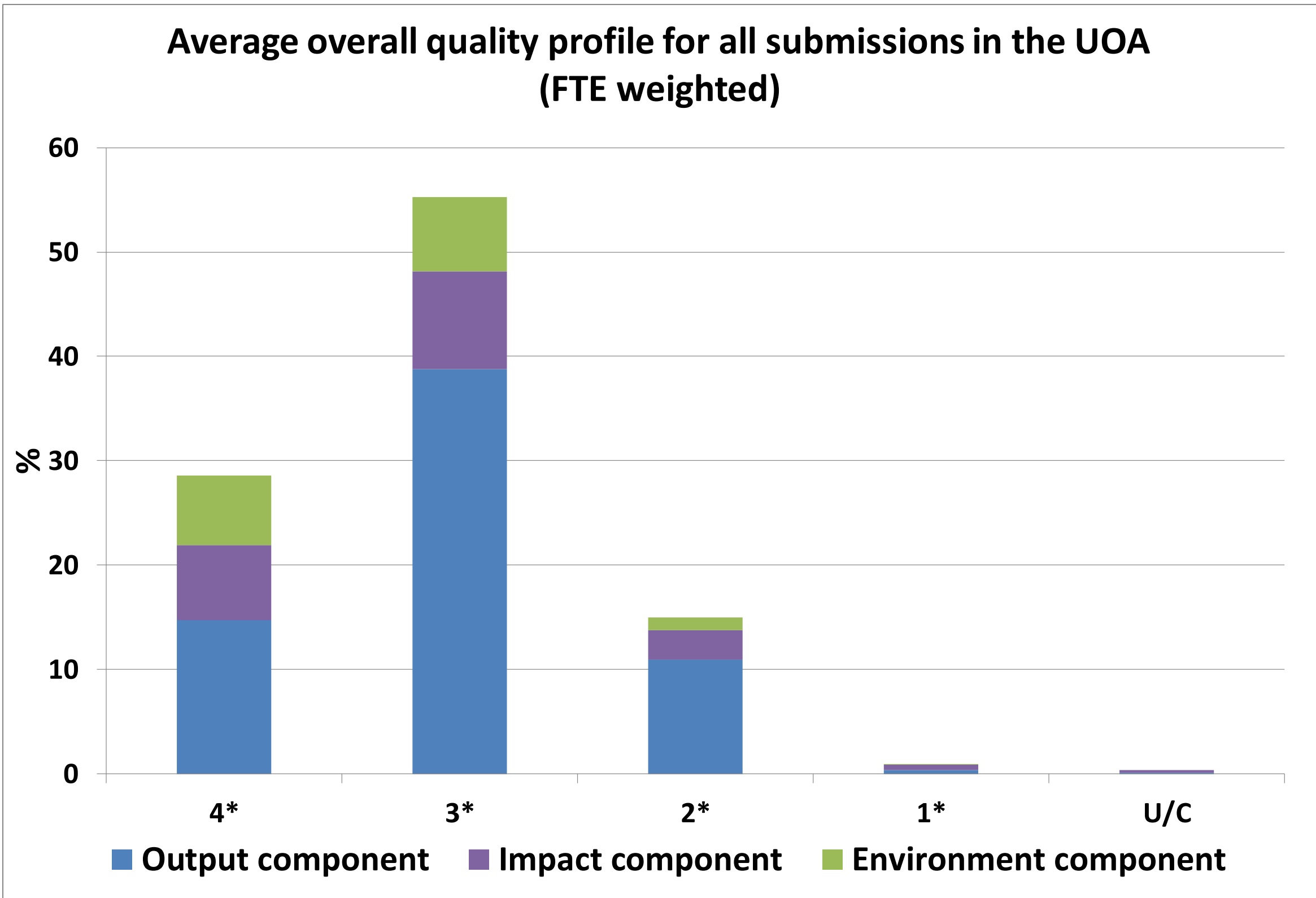
UOA 10: Mathematical Sciences

Submission information

Number of submissions	53
Category A FTE staff submitted	1,930
Headcounts of category A and C staff submitted	2,005
Headcounts of early career researchers (REF1a)	418
Number of outputs submitted	6,995
Number of case studies submitted	236

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
398	498	520	499	600

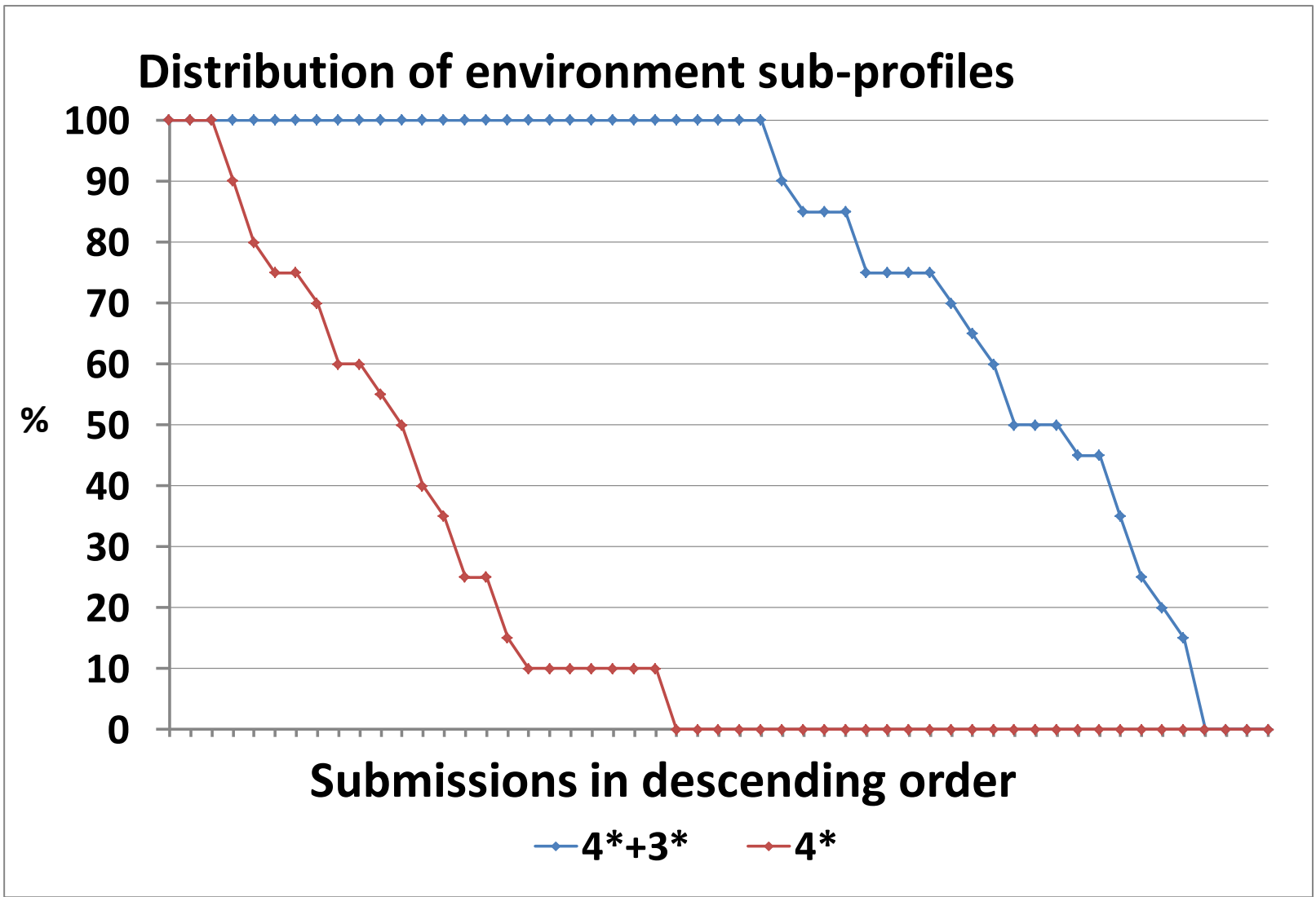
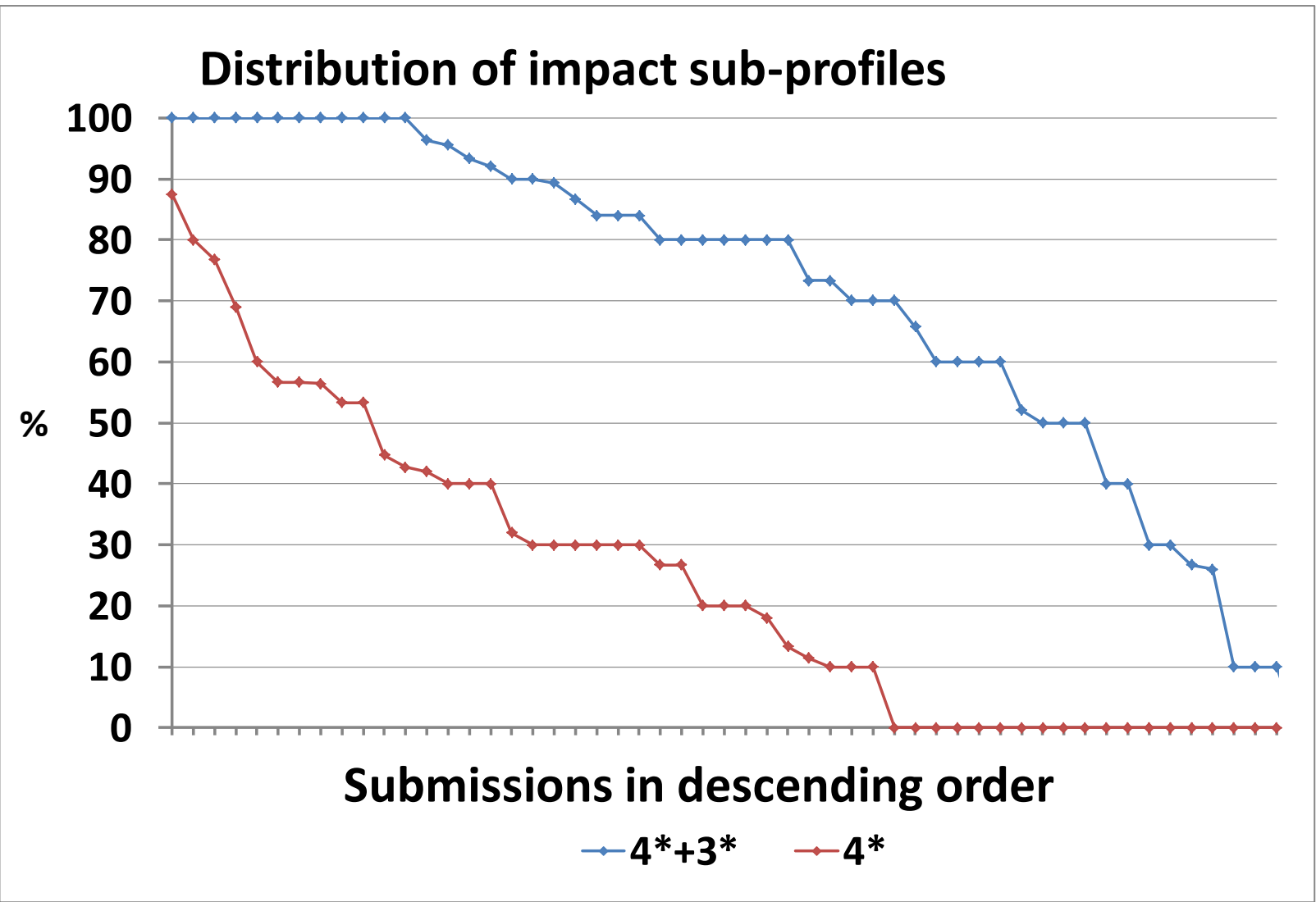
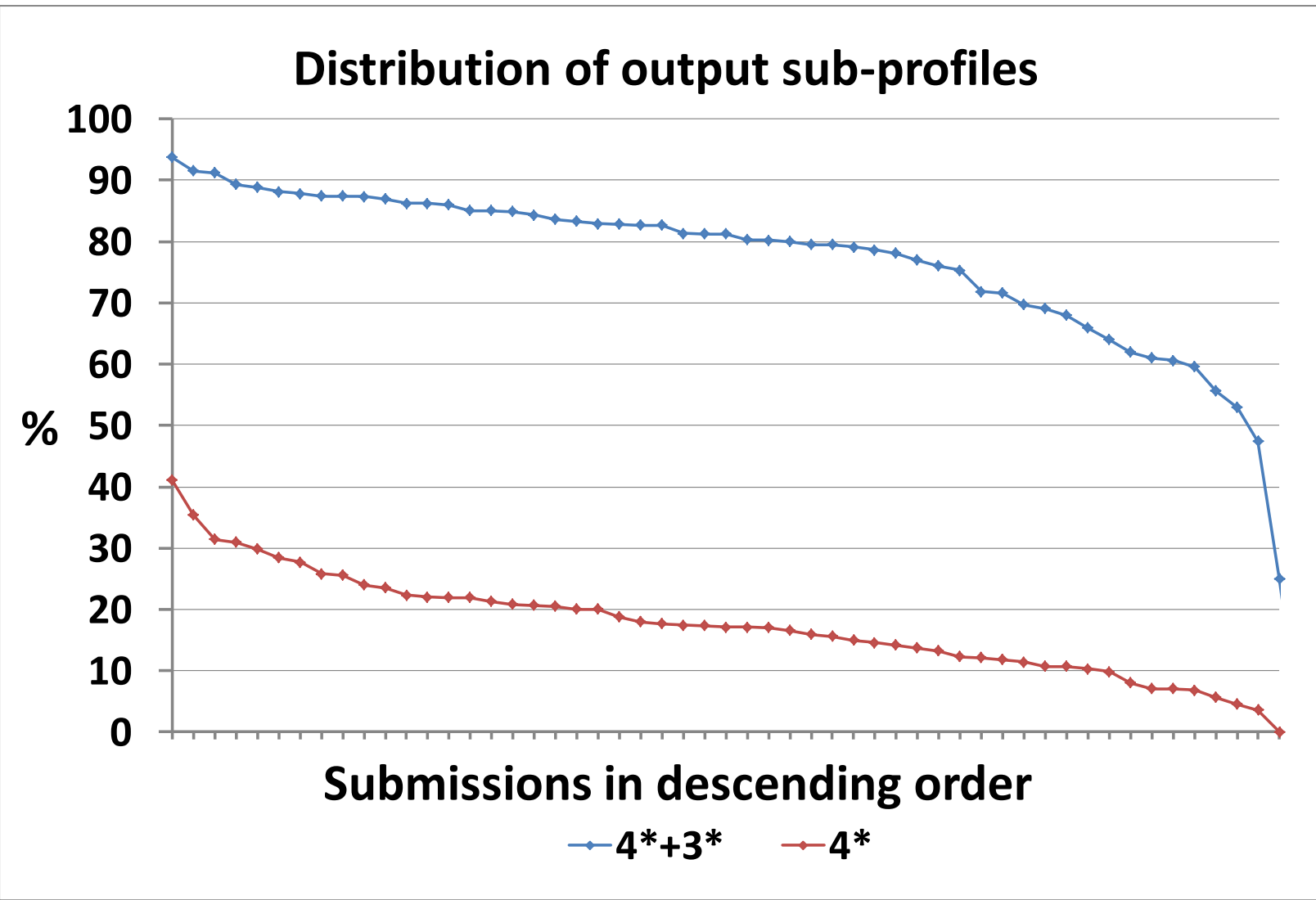
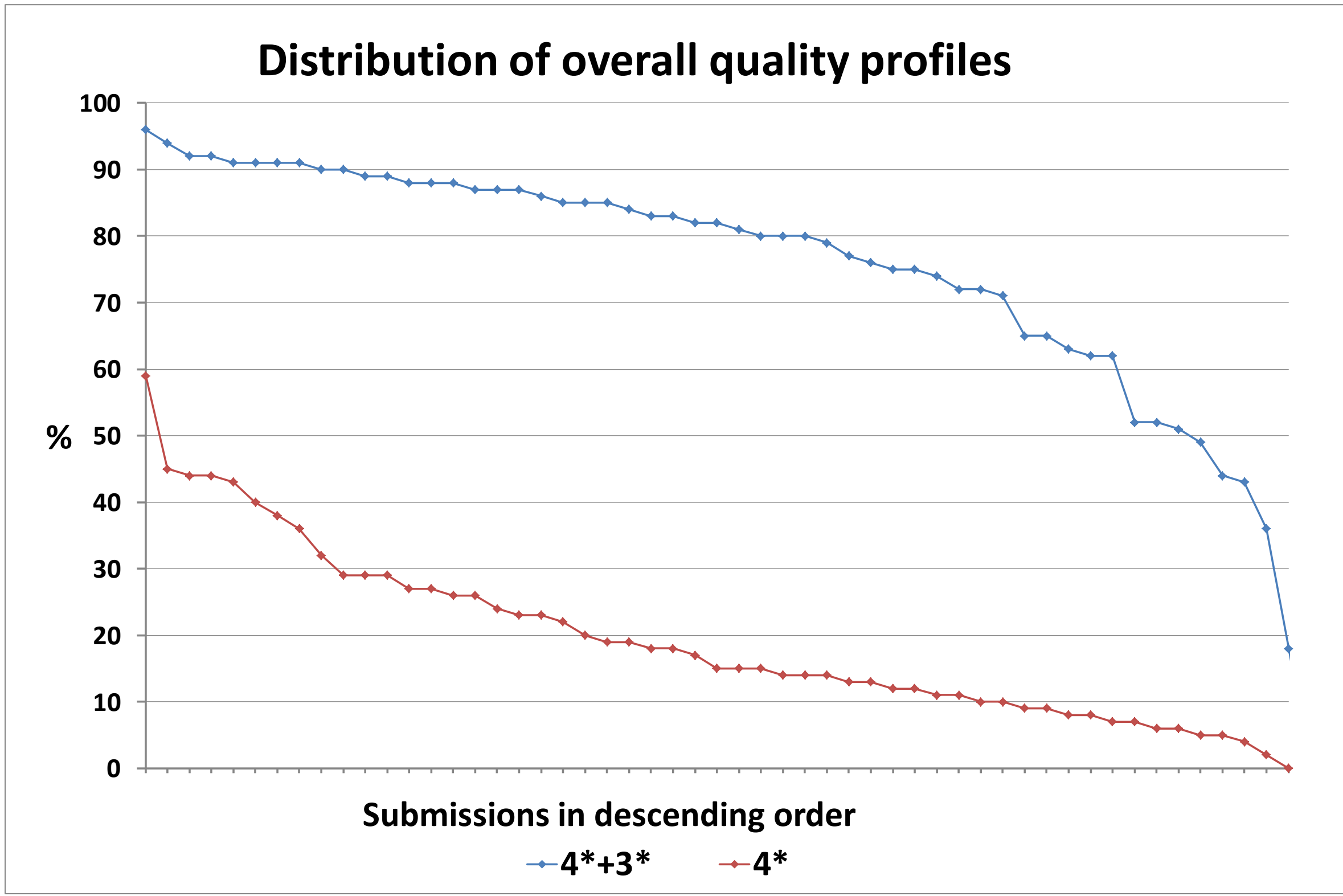
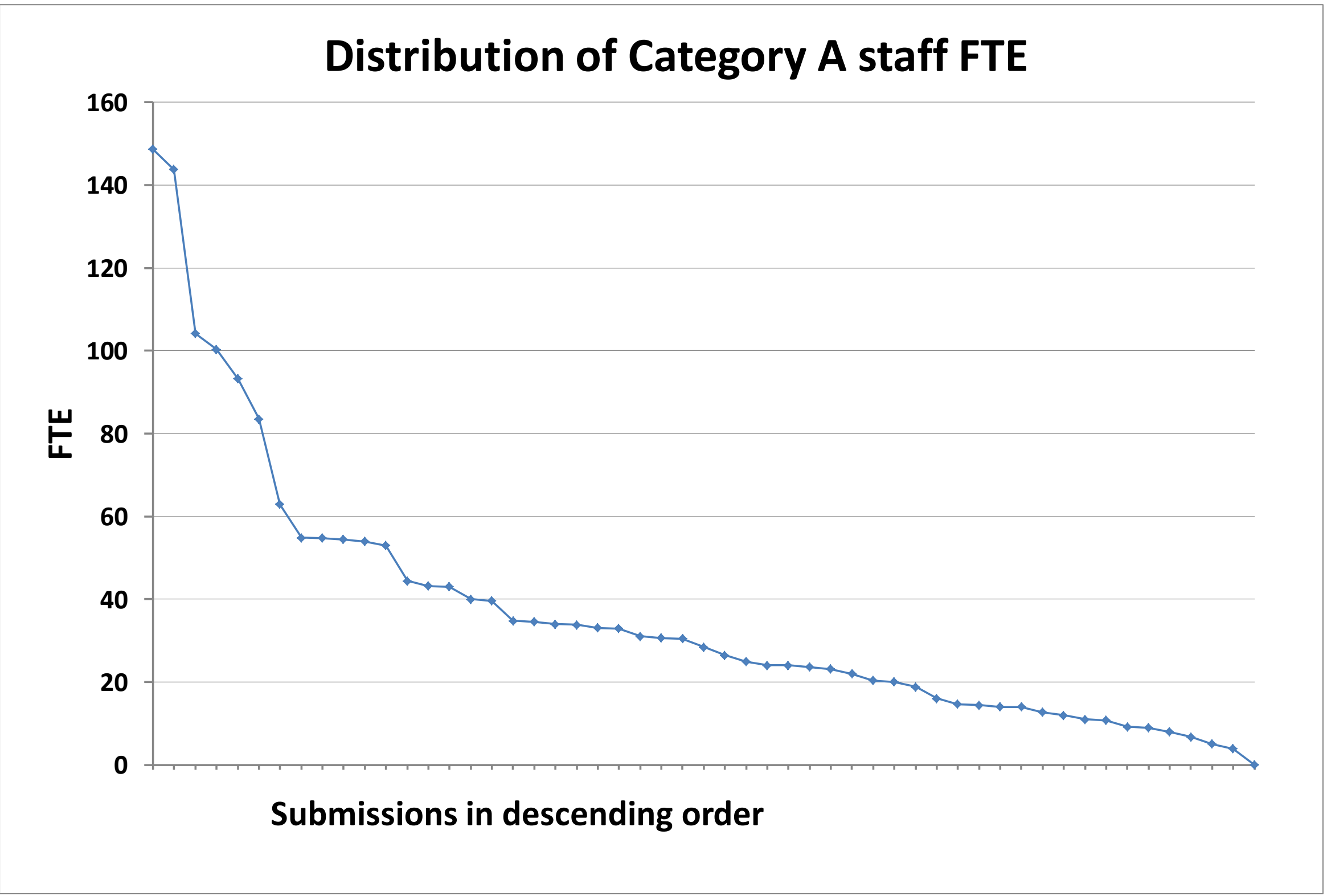
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
57.84	65.54	69.06	72.75	76.85



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	29	55	15	1	0
Outputs	22.7	59.7	16.8	0.6	0.2
Impact	35.9	46.6	14.1	2.3	1.1
Environment	44.2	47.4	8.1	0.3	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup> Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.



REF 2014: Unit of assessment summary data

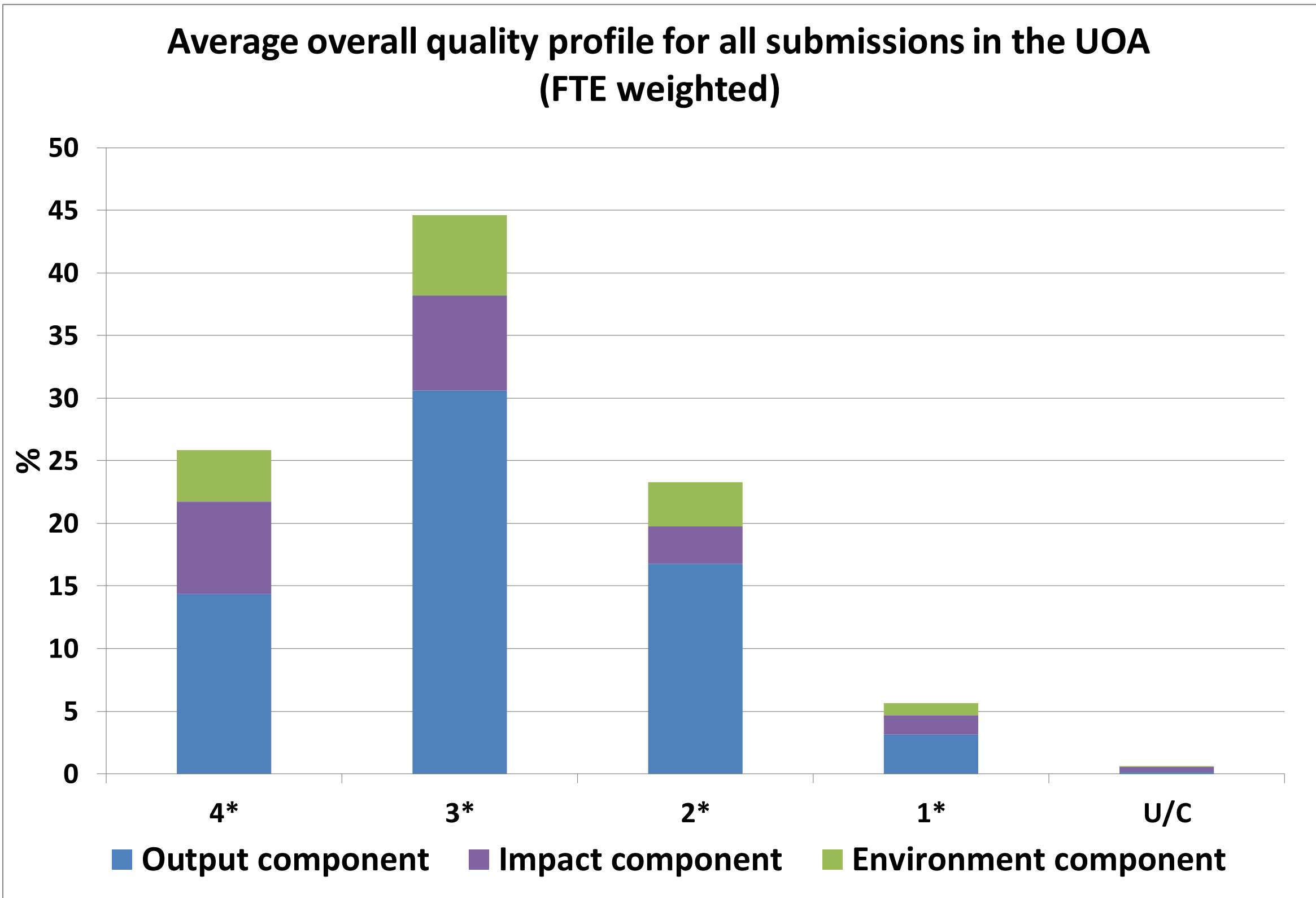
UOA 11: Computer Science and Informatics

Submission information

Number of submissions	89
Category A FTE staff submitted	2,044
Headcounts of category A and C staff submitted	2,158
Headcounts of early career researchers (REF1a)	455
Number of outputs submitted	7,665
Number of case studies submitted	280

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
727	814	829	864	939

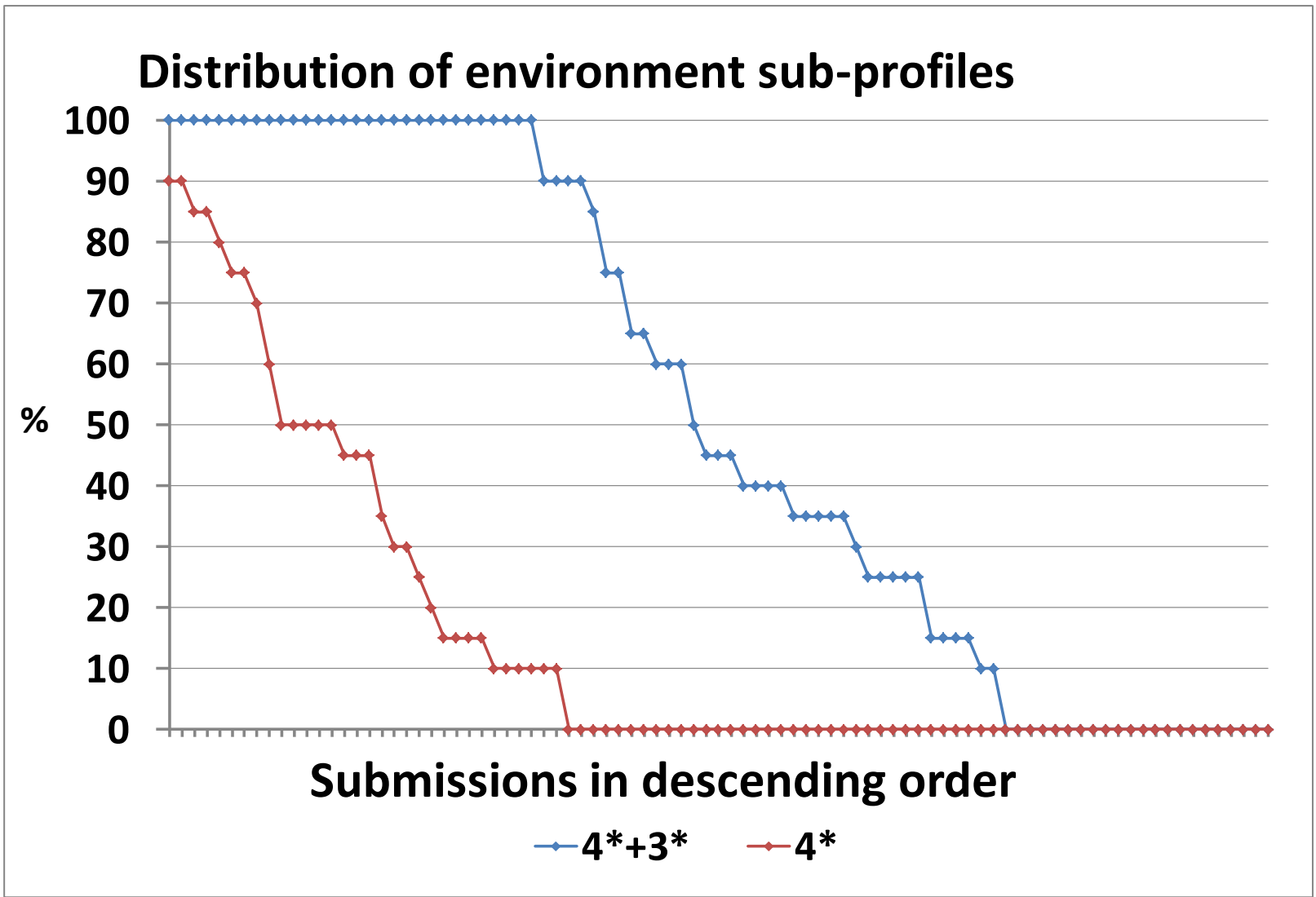
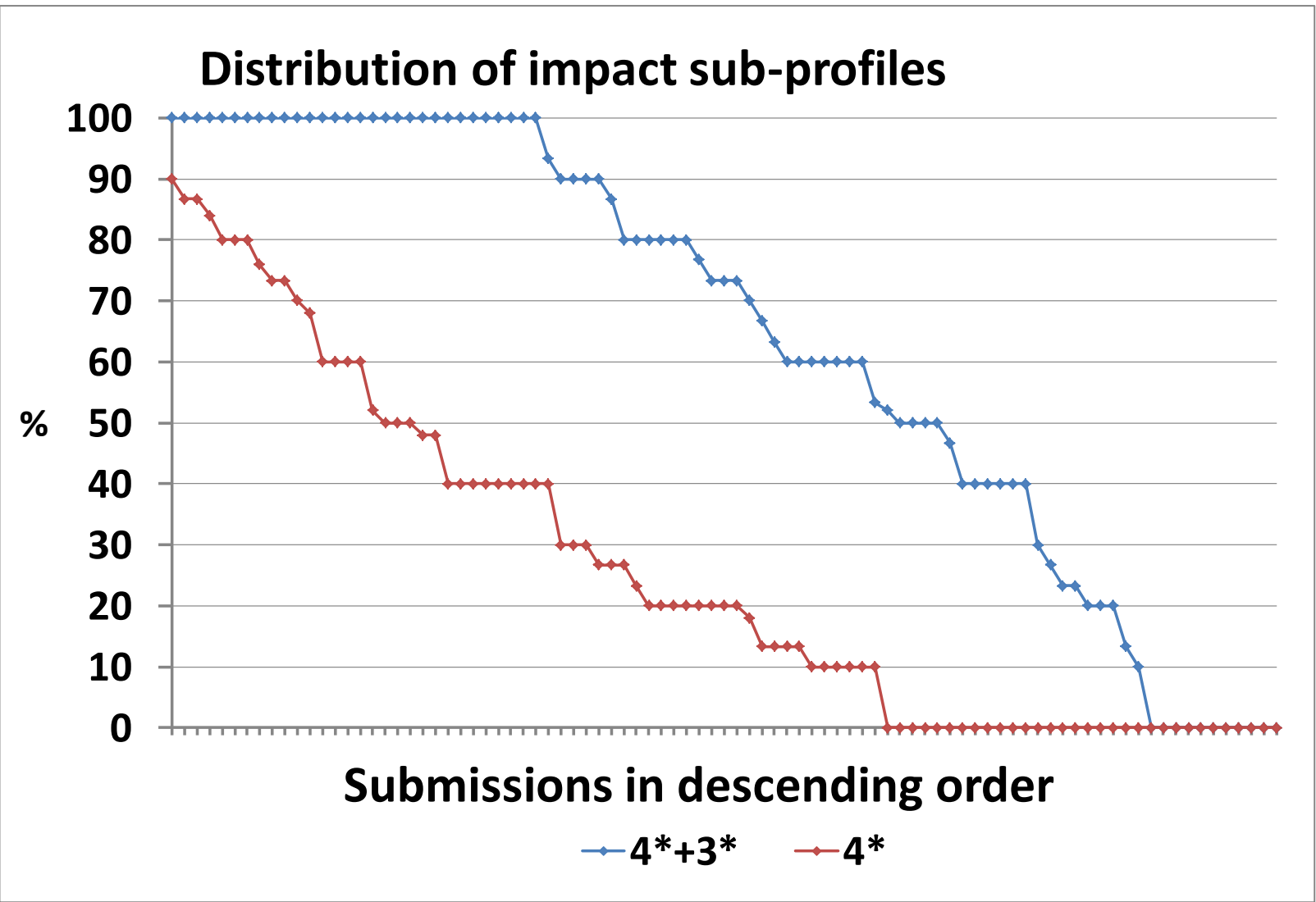
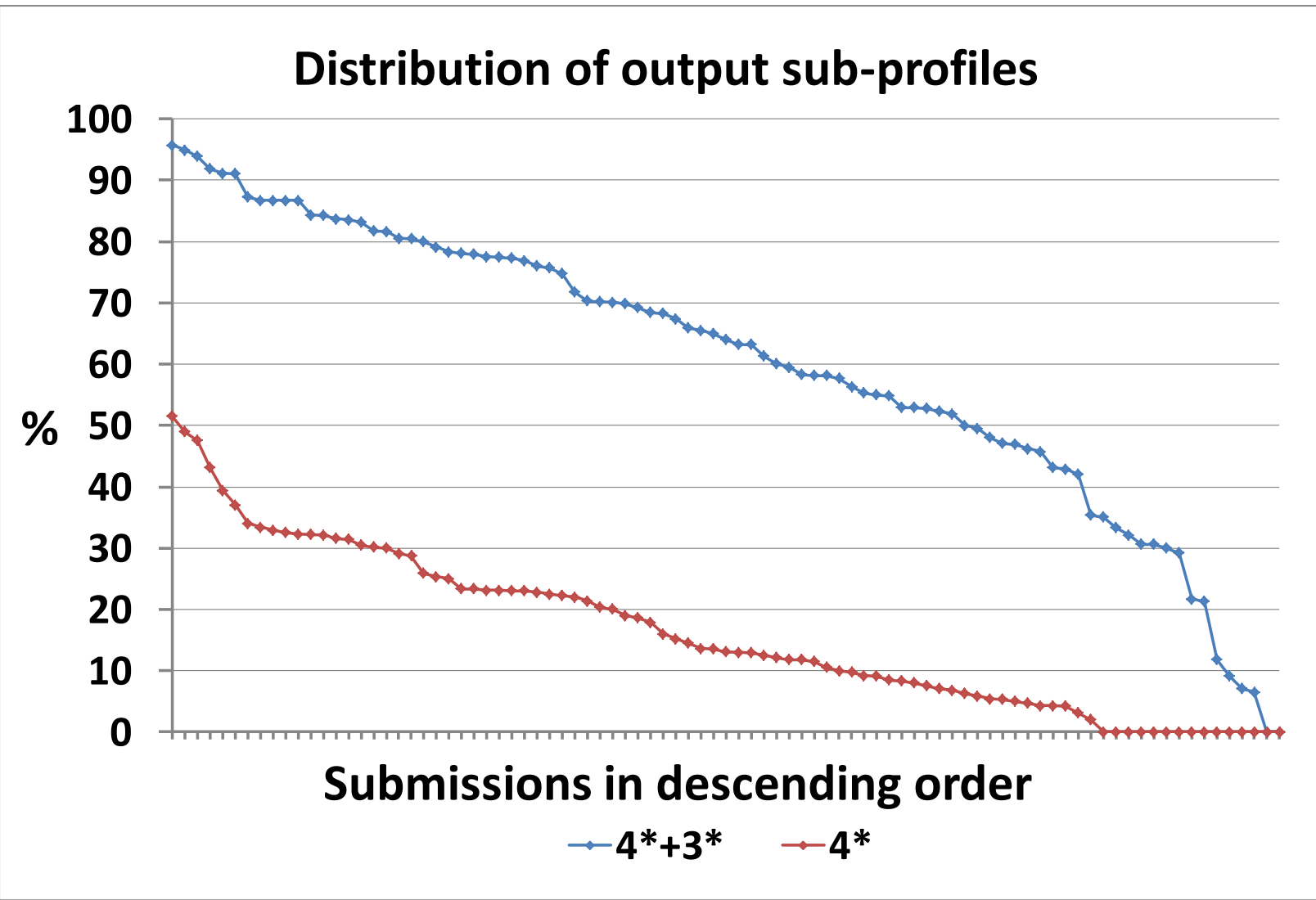
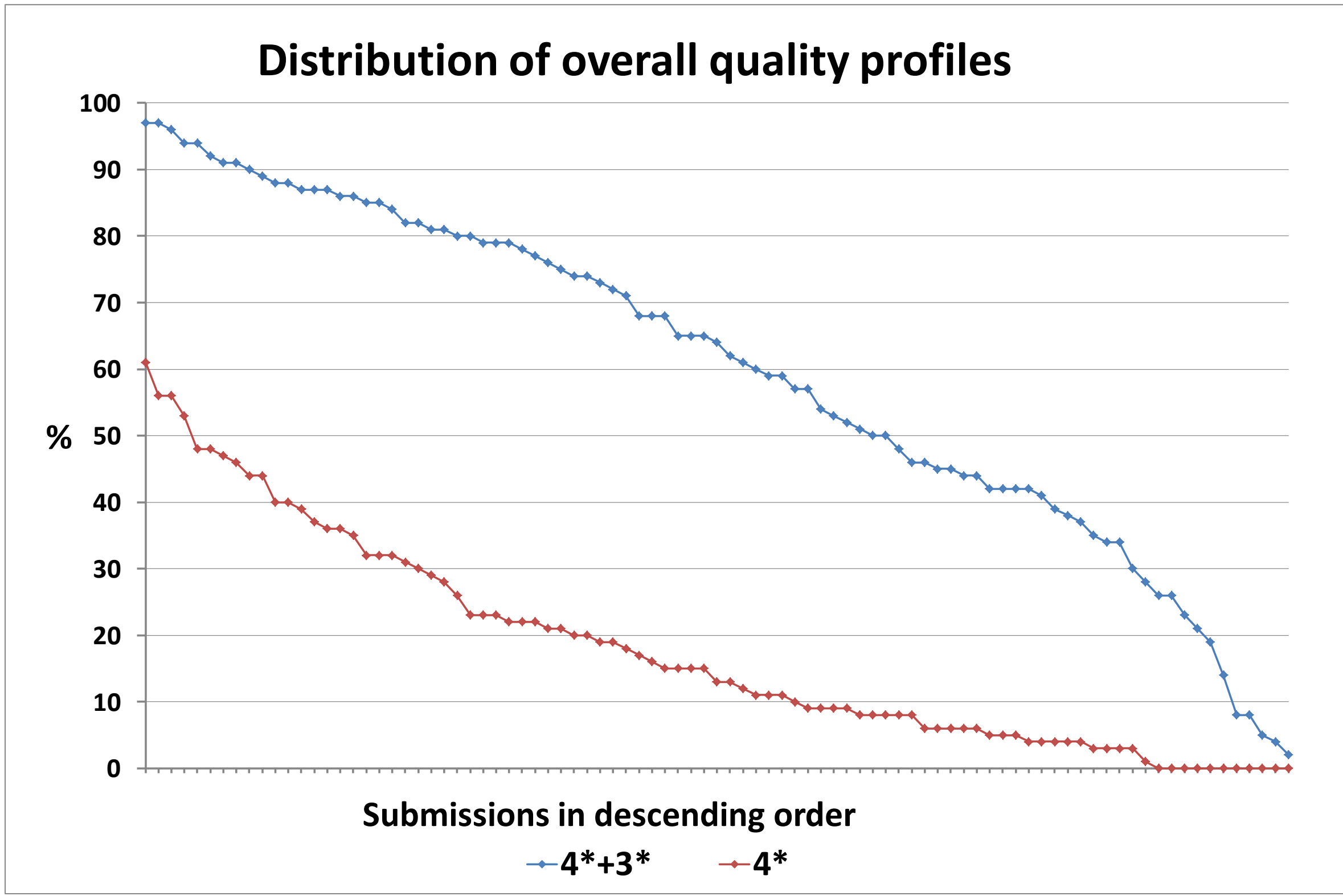
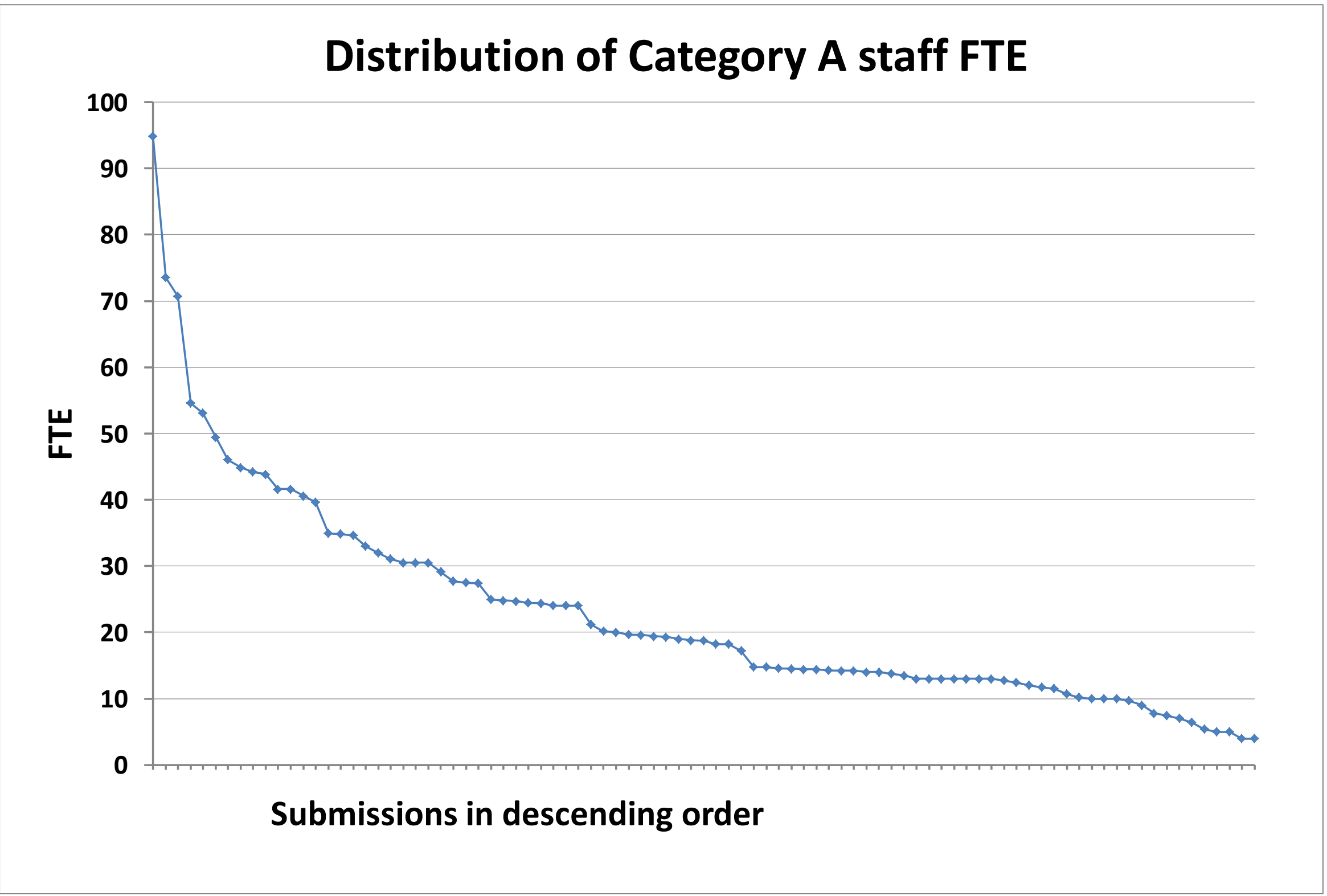
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
149.12	150.13	153.24	151.99	158.83



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	26	44	24	5	1
Outputs	22.1	47.1	25.8	4.8	0.2
Impact	36.9	38	15	7.8	2.3
Environment	27.4	42.5	23.5	6.5	0.1

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.

REF 2014: Unit of assessment summary data

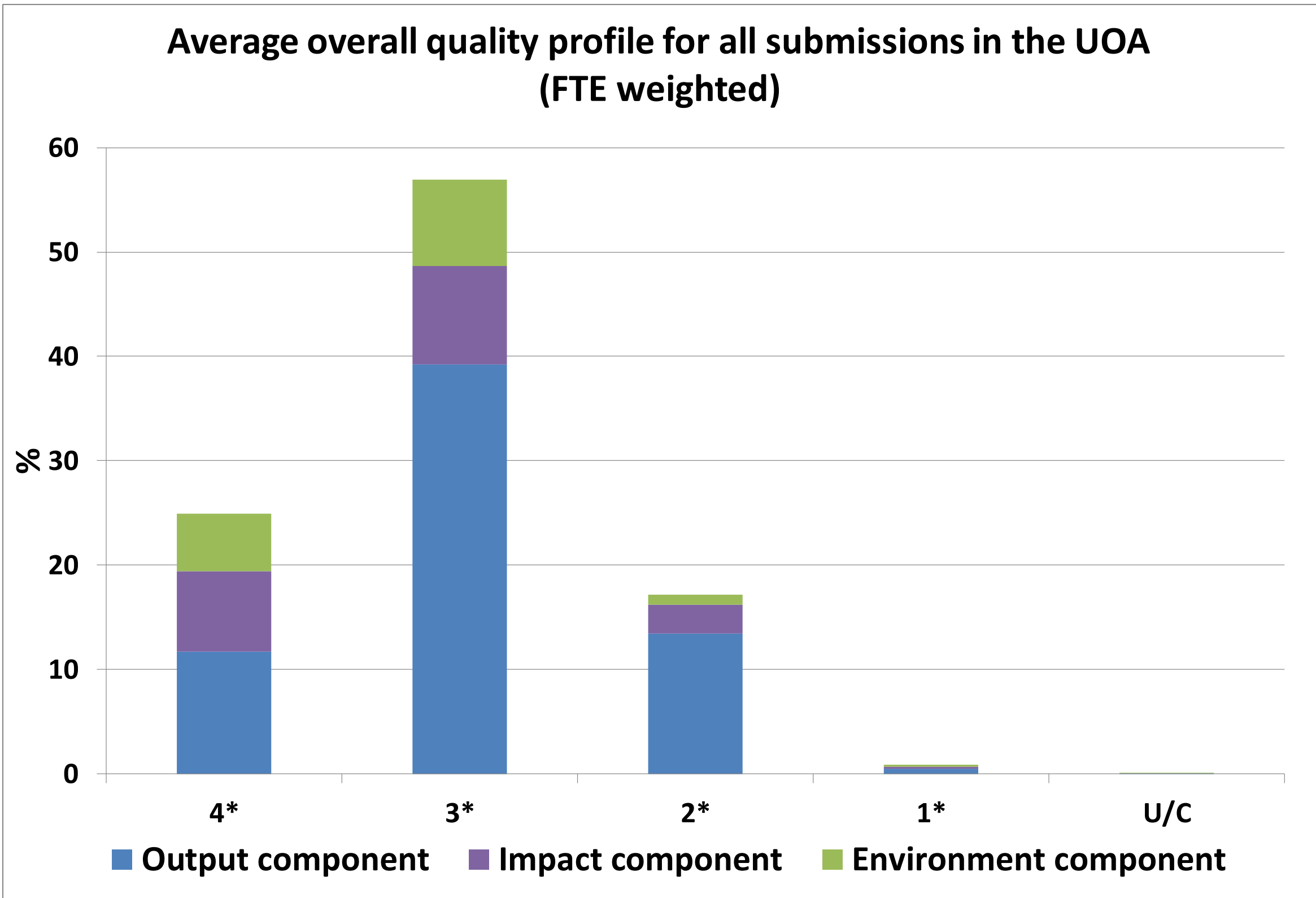
UOA 12: Aeronautical, Mechanical, Chemical and Manufacturing Engineering

Submission information

Number of submissions	25
Category A FTE staff submitted	1,152
Headcounts of category A and C staff submitted	1,192
Headcounts of early career researchers (REF1a)	248
Number of outputs submitted	4,154
Number of case studies submitted	138

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
669	687	729	731	719

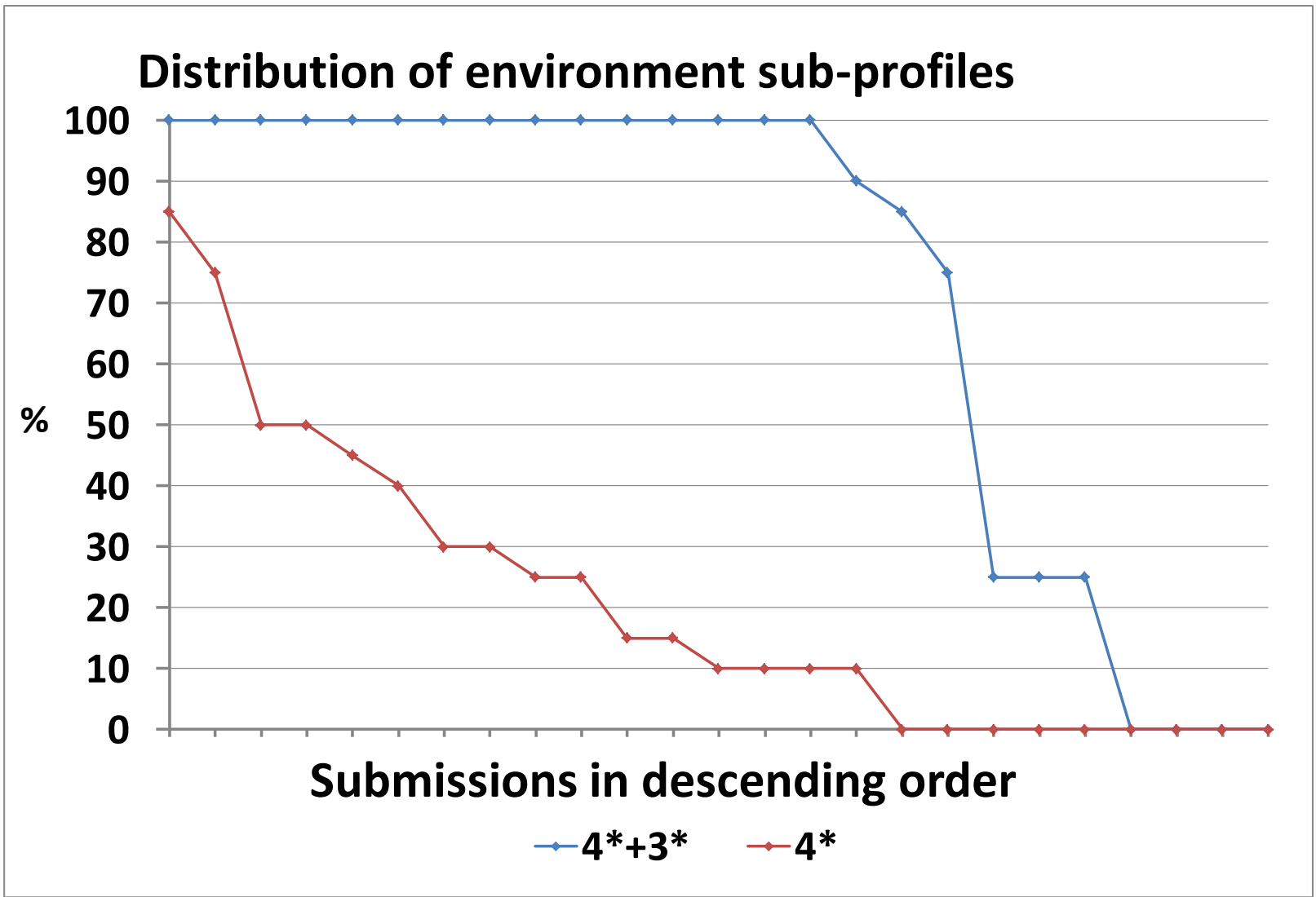
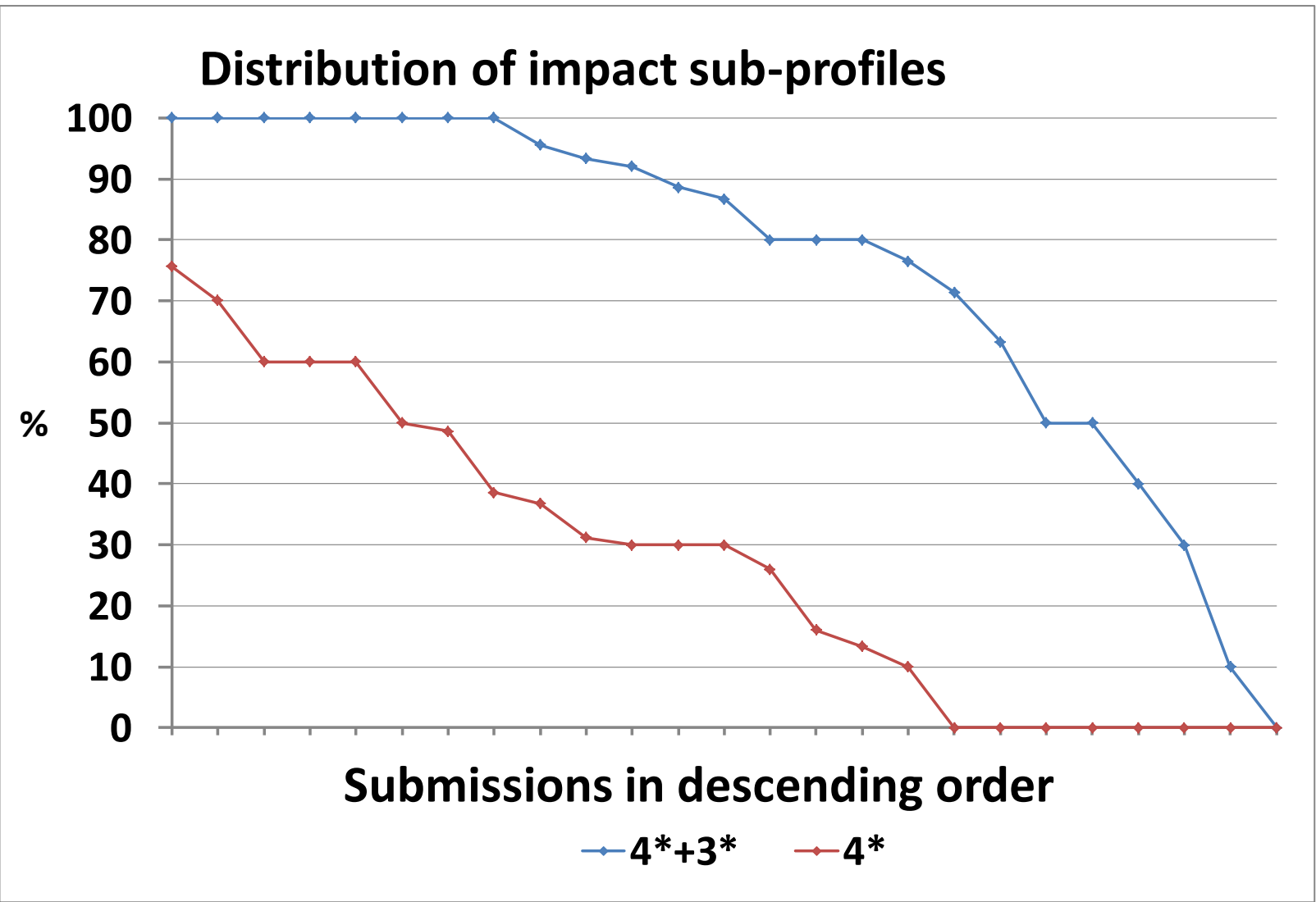
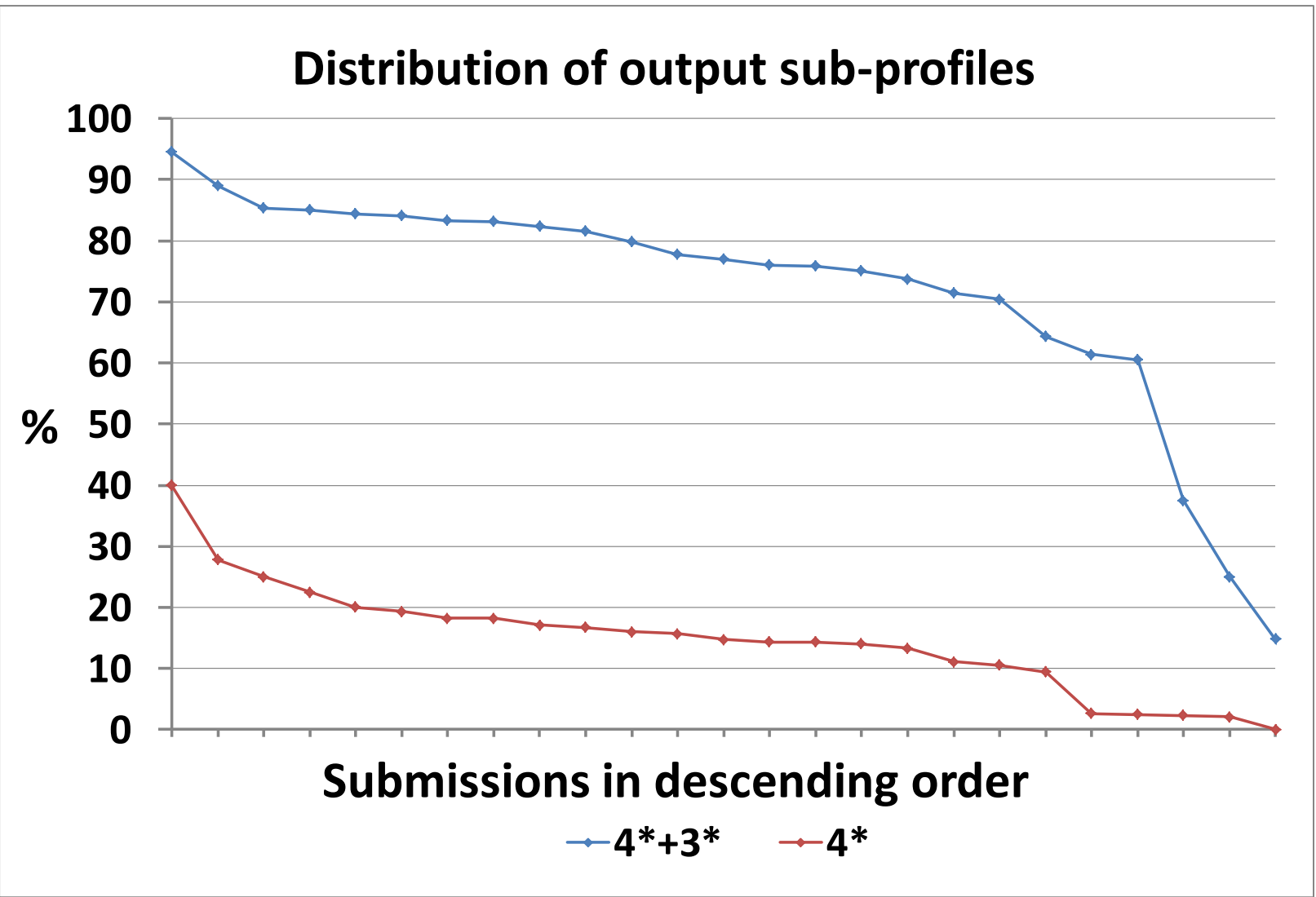
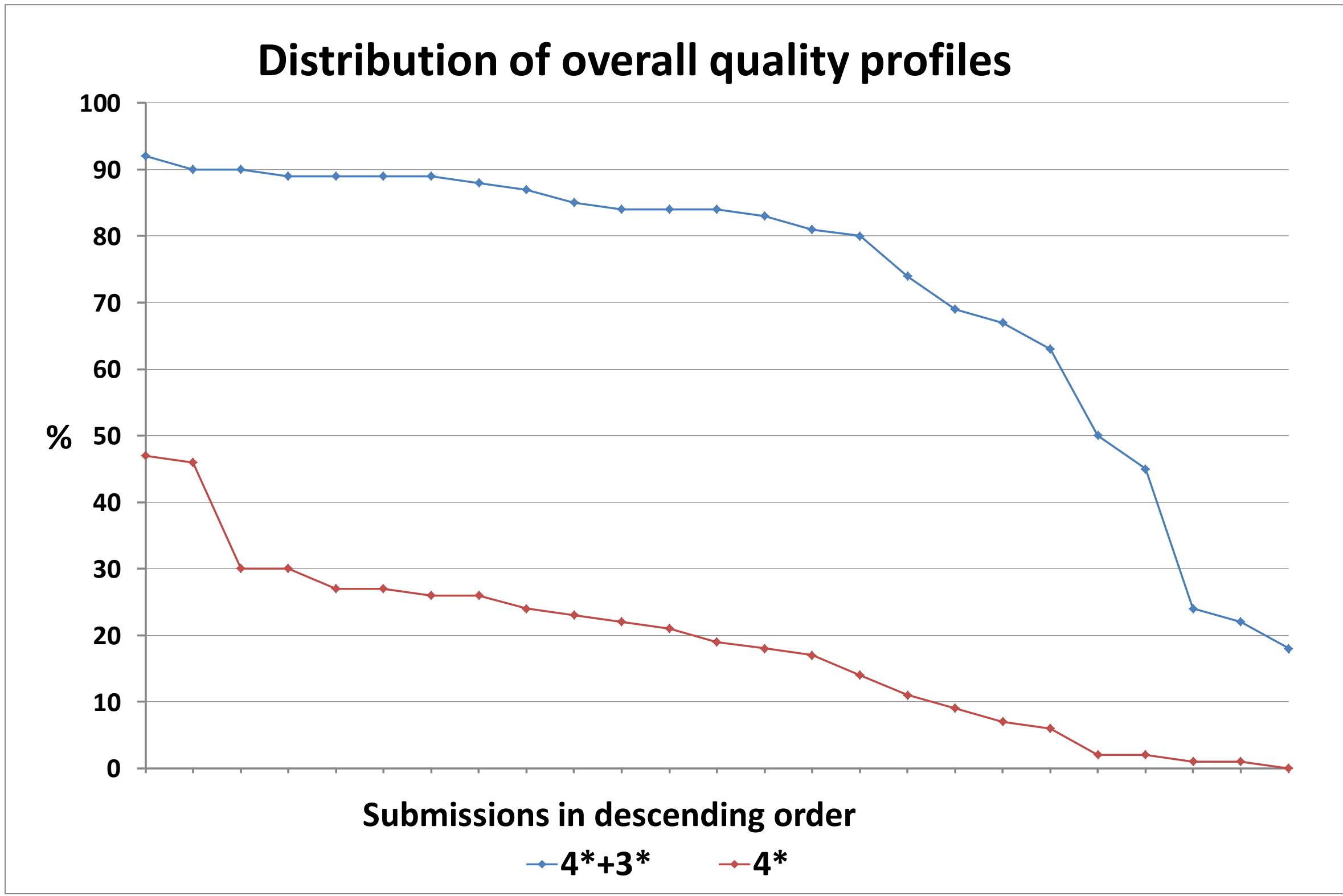
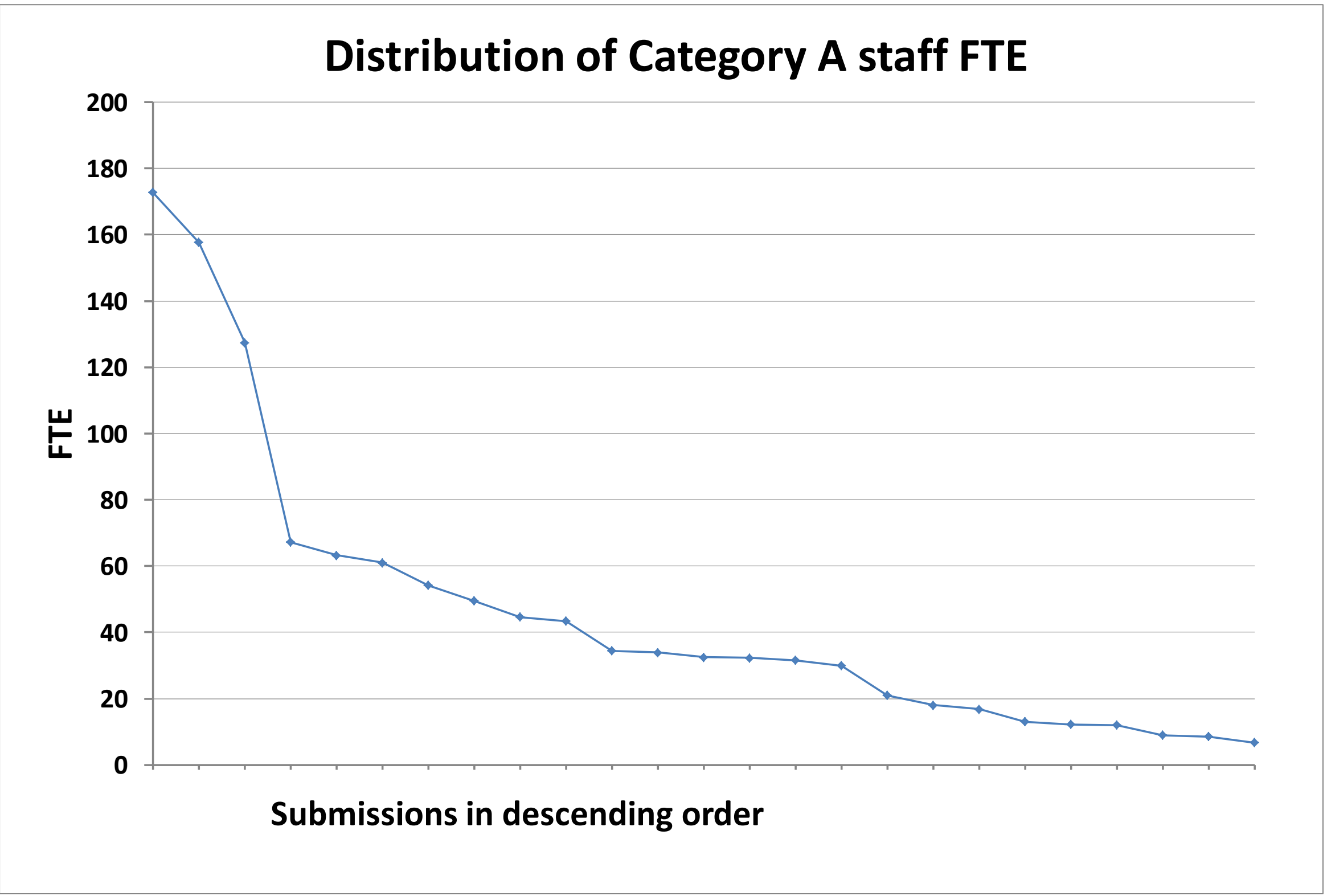
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
146.40	154.41	167.87	177.69	192.88



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	25	57	17	1	0
Outputs	18	60.4	20.7	0.8	0.1
Impact	38.4	47	13.9	0.7	0
Environment	36.8	55	6.4	1.6	0.2

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.



REF 2014: Unit of assessment summary data

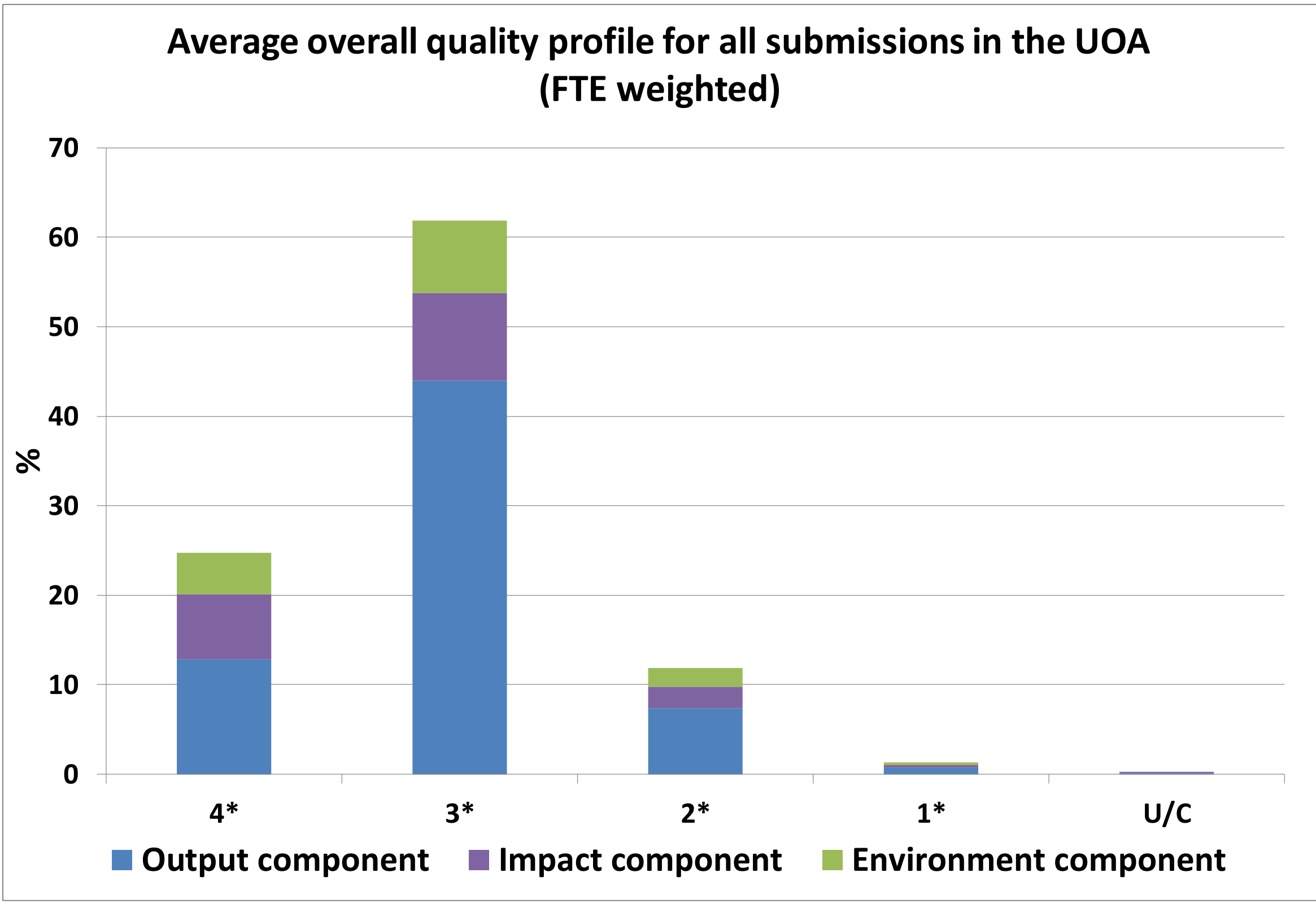
UOA 13: Electrical and Electronic Engineering, Metallurgy and Materials

Submission information

Number of submissions	37
Category A FTE staff submitted	1,071
Headcounts of category A and C staff submitted	1,113
Headcounts of early career researchers (REF1a)	178
Number of outputs submitted	4,028
Number of case studies submitted	141

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
734	738	696	791	783

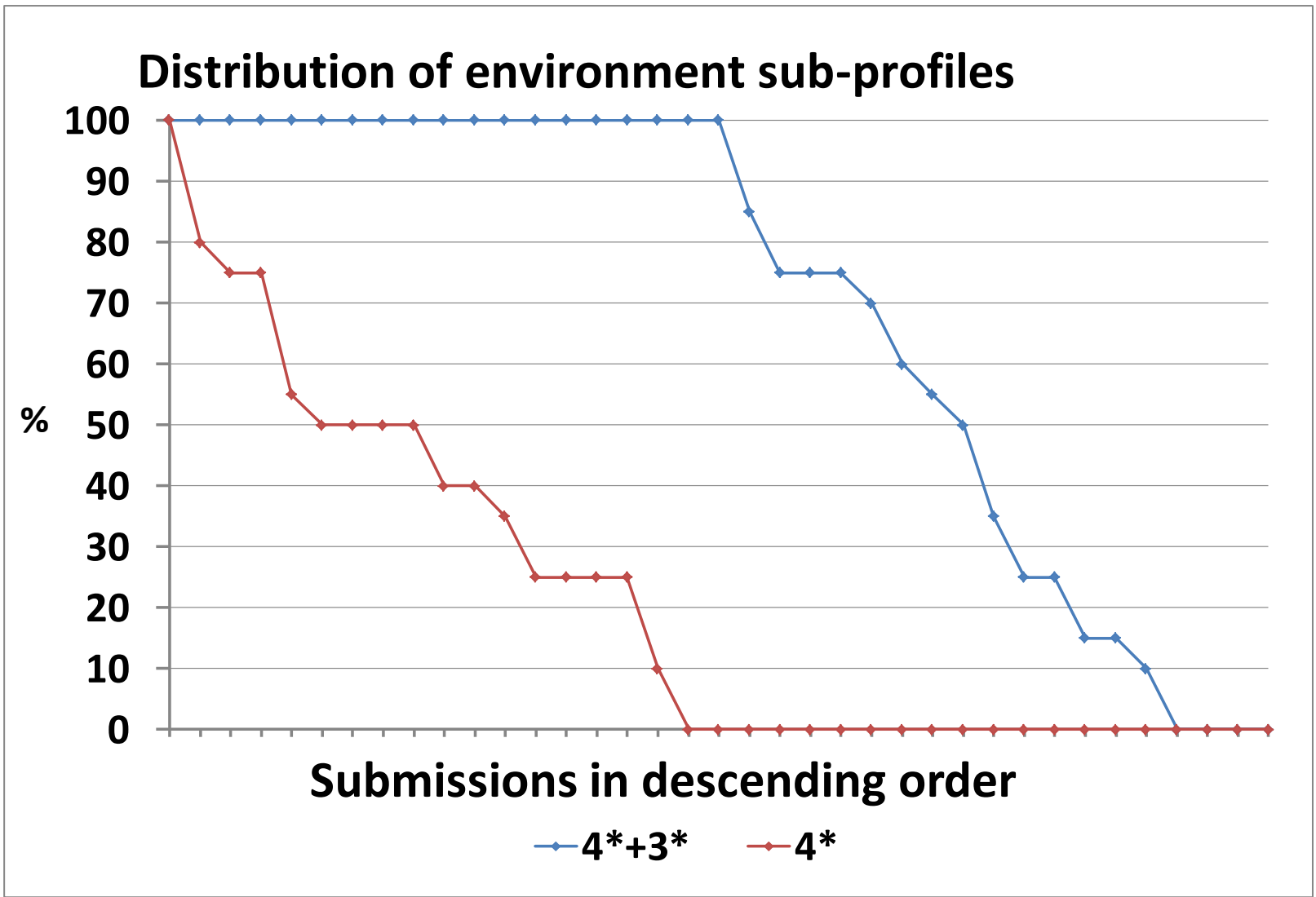
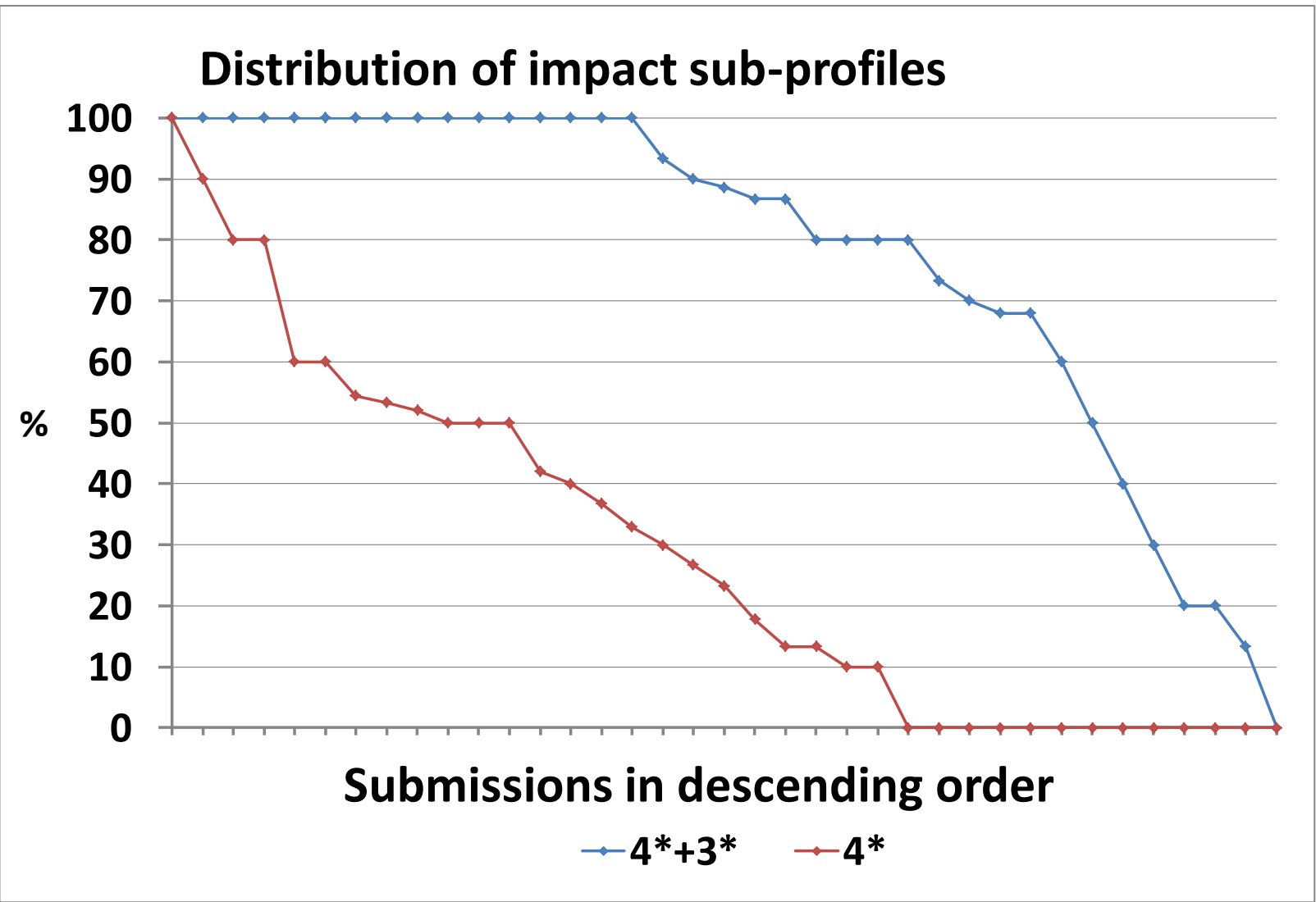
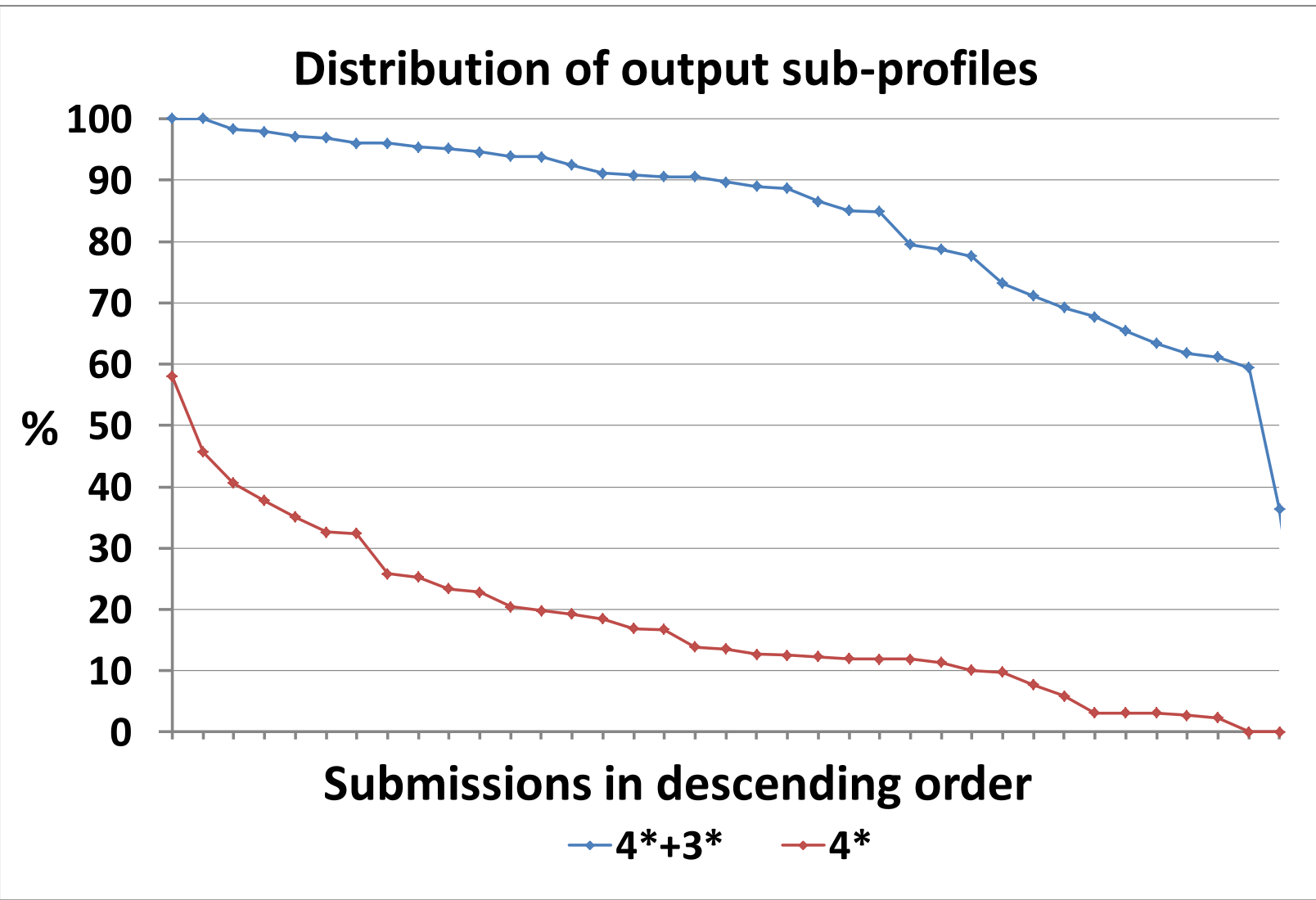
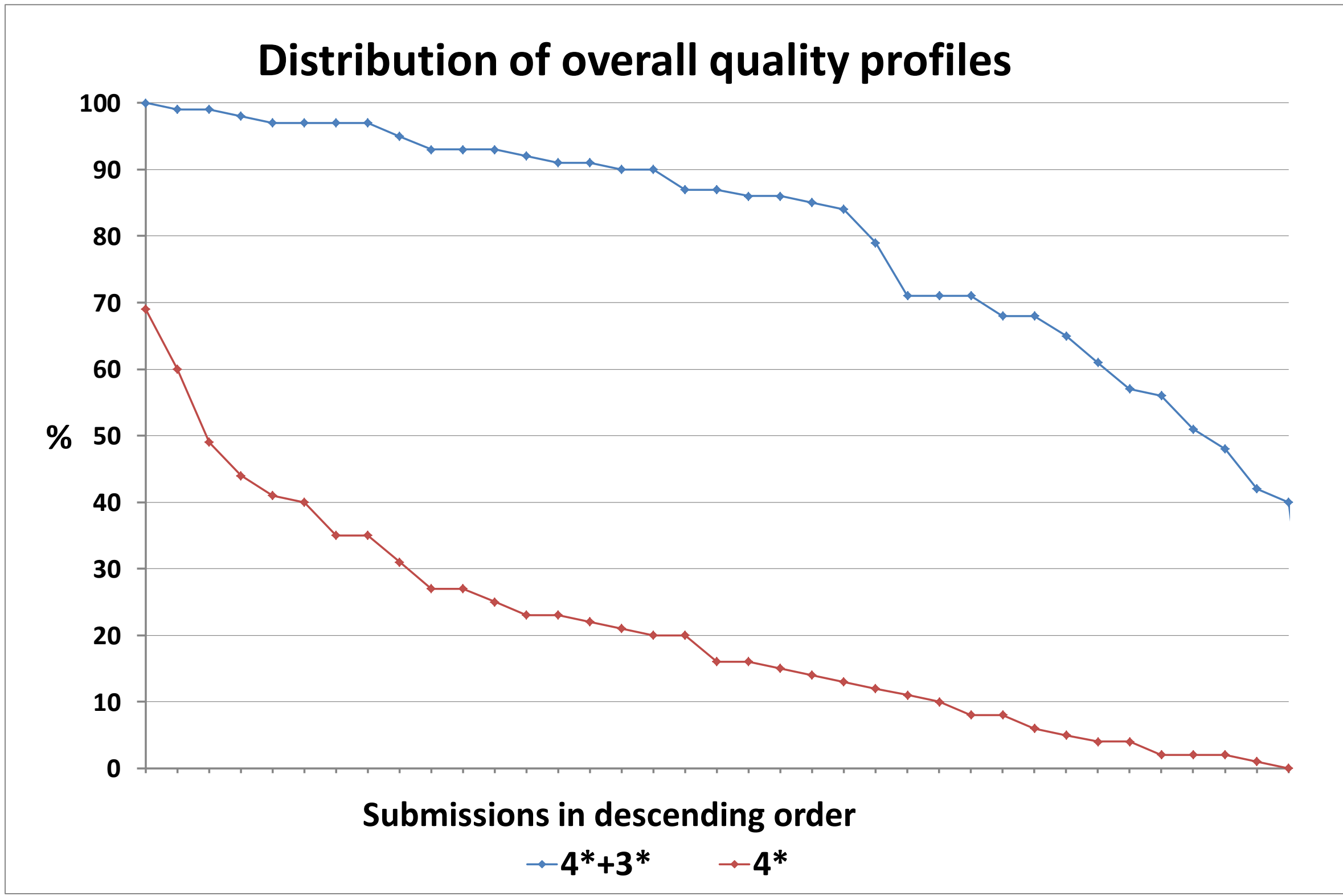
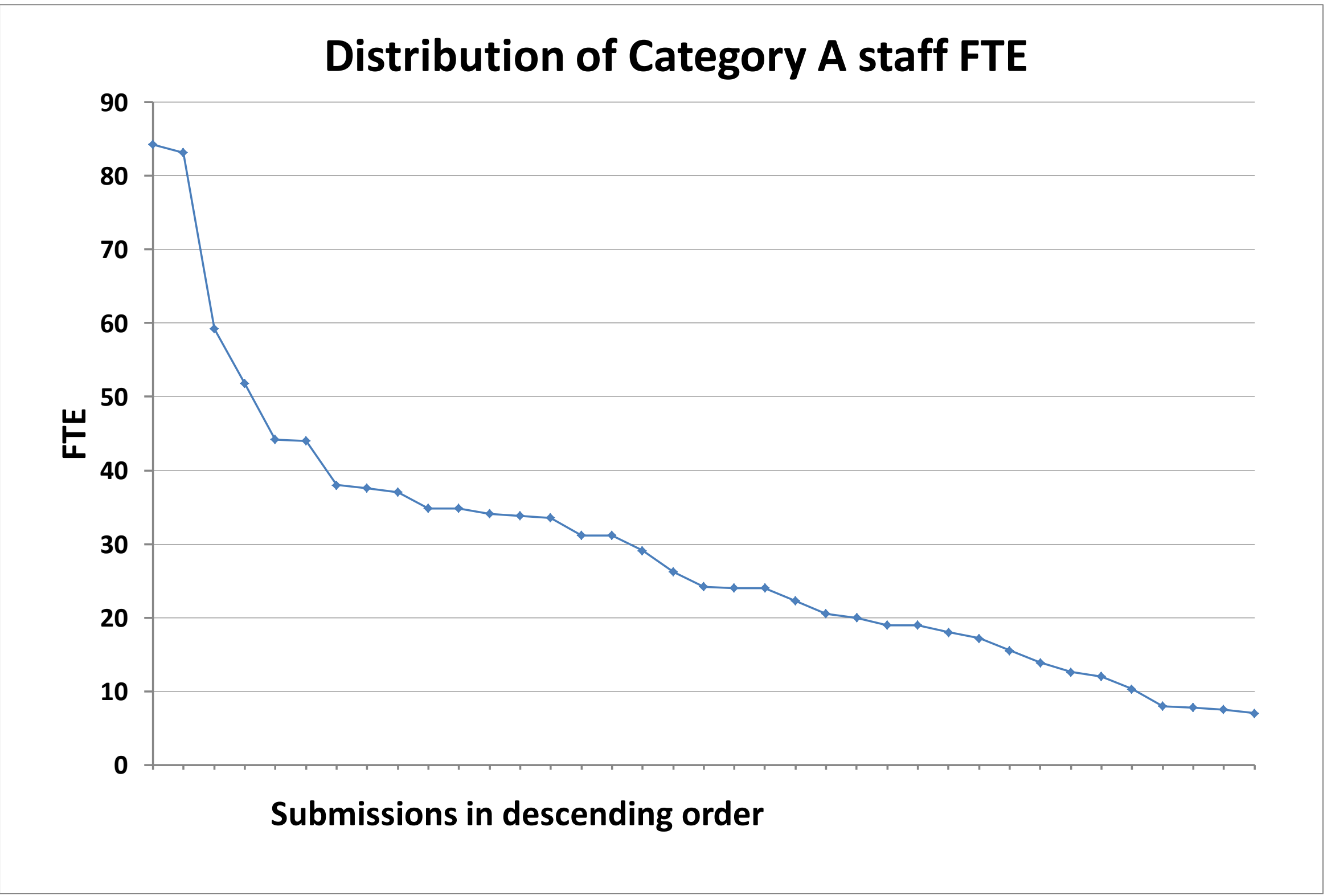
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
155.82	156.74	161.34	165.39	176.36



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	25	62	11	2	0
Outputs	19.7	67.7	11.3	1.1	0.2
Impact	36.5	49	12.1	1.6	0.8
Environment	30.7	53.7	13.9	1.7	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.

REF 2014: Unit of assessment summary data

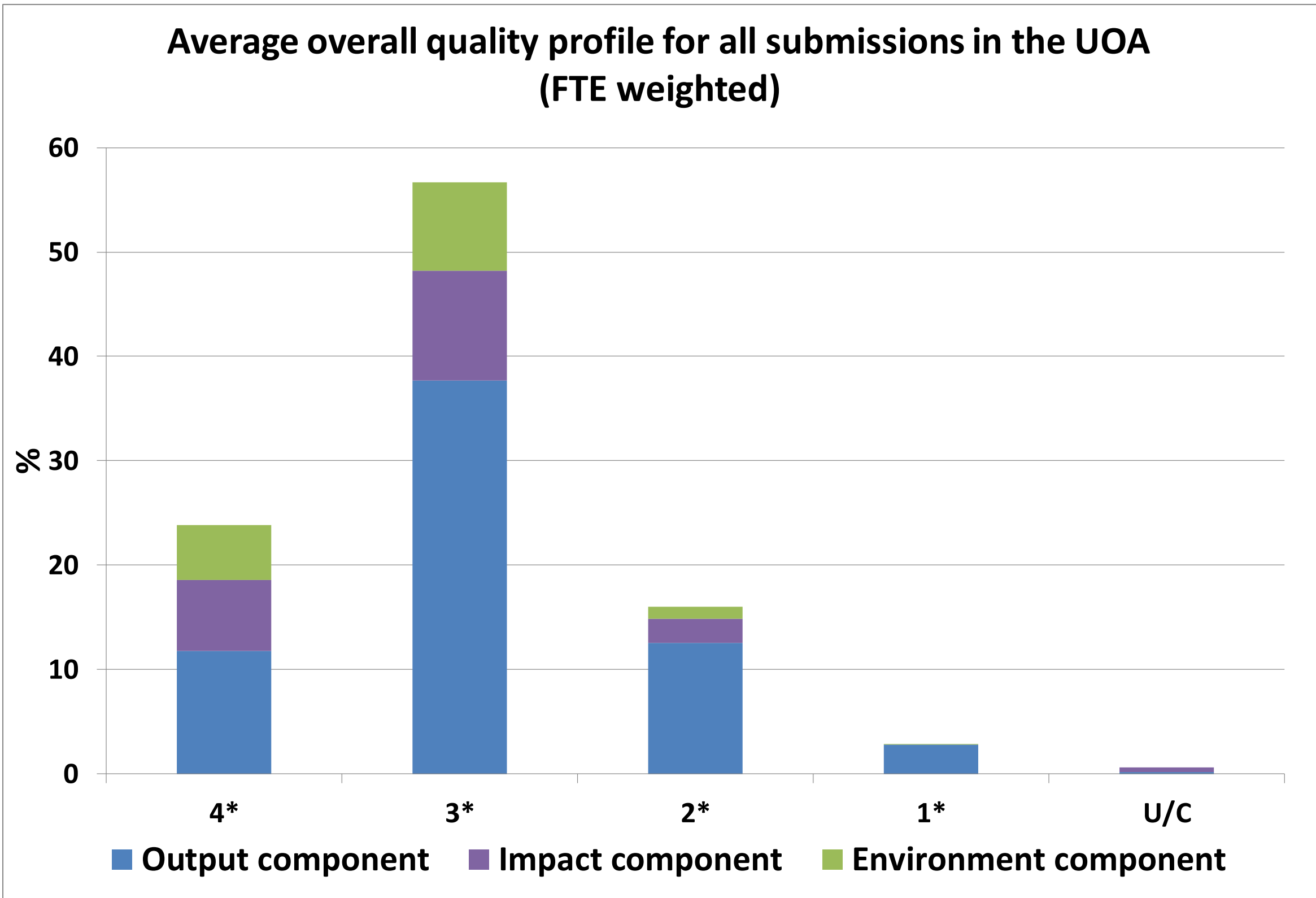
UOA 14: Civil and Construction Engineering

Submission information

Number of submissions	14
Category A FTE staff submitted	390
Headcounts of category A and C staff submitted	417
Headcounts of early career researchers (REF1a)	100
Number of outputs submitted	1,384
Number of case studies submitted	51

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
145	163	155	176	190

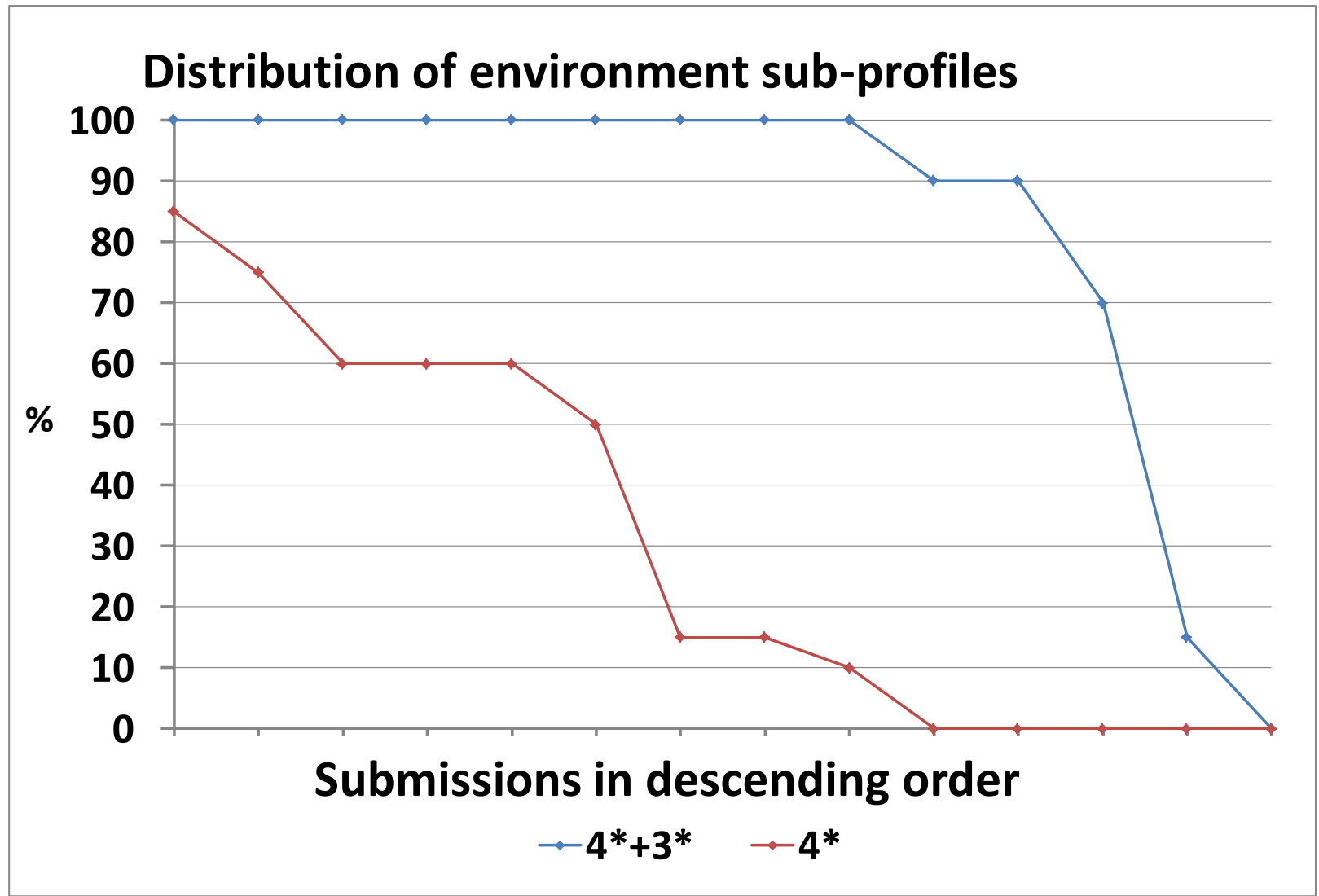
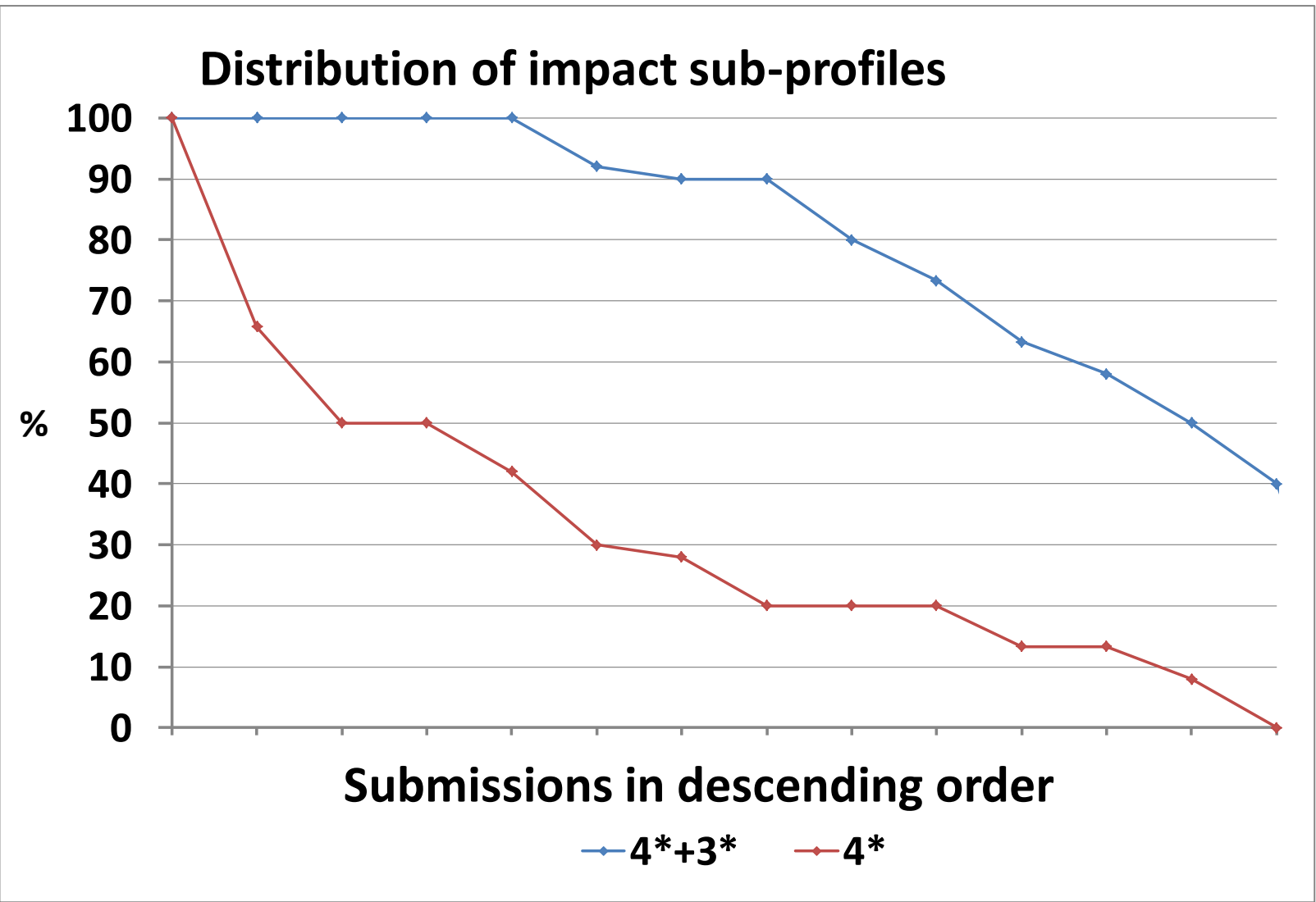
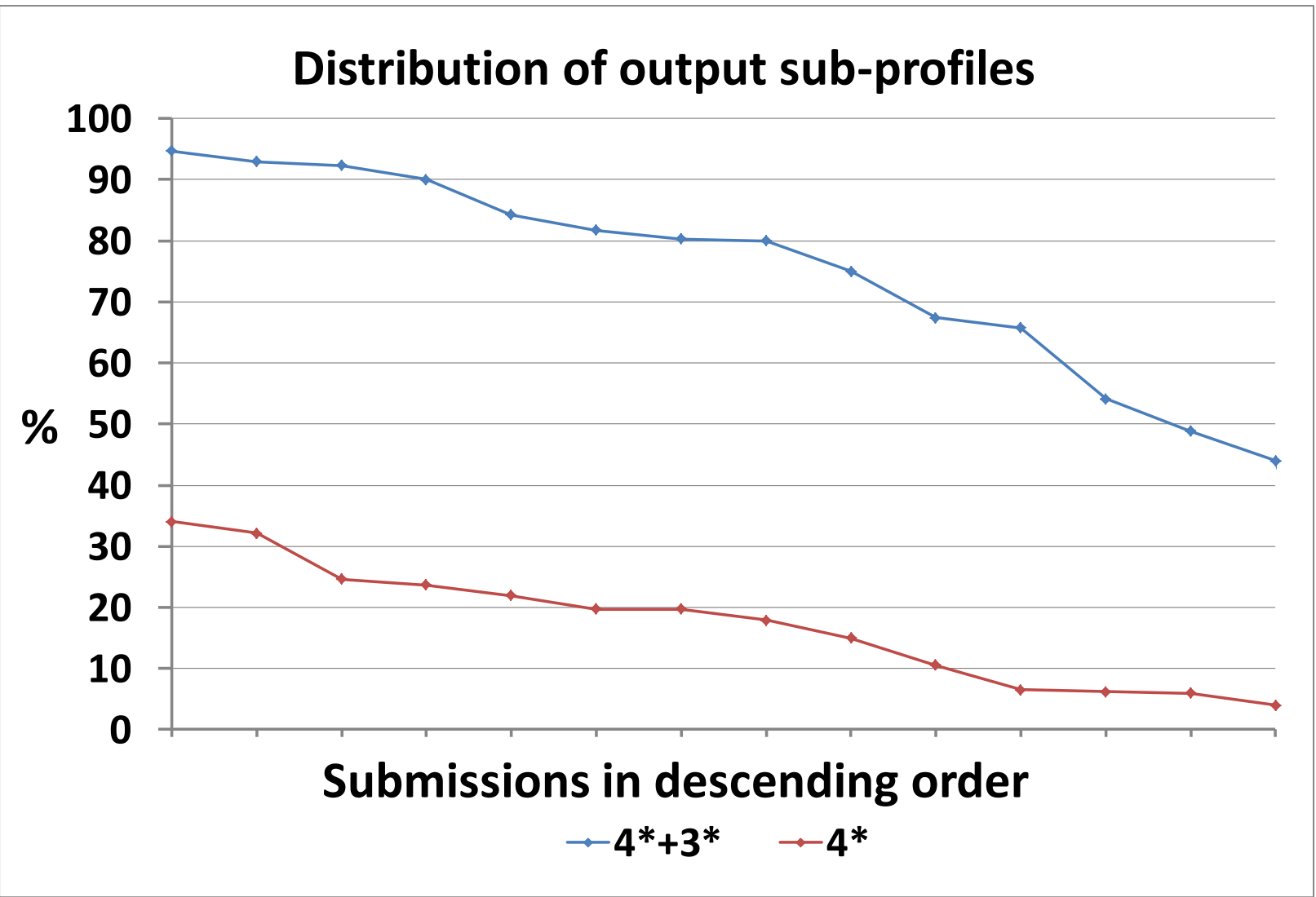
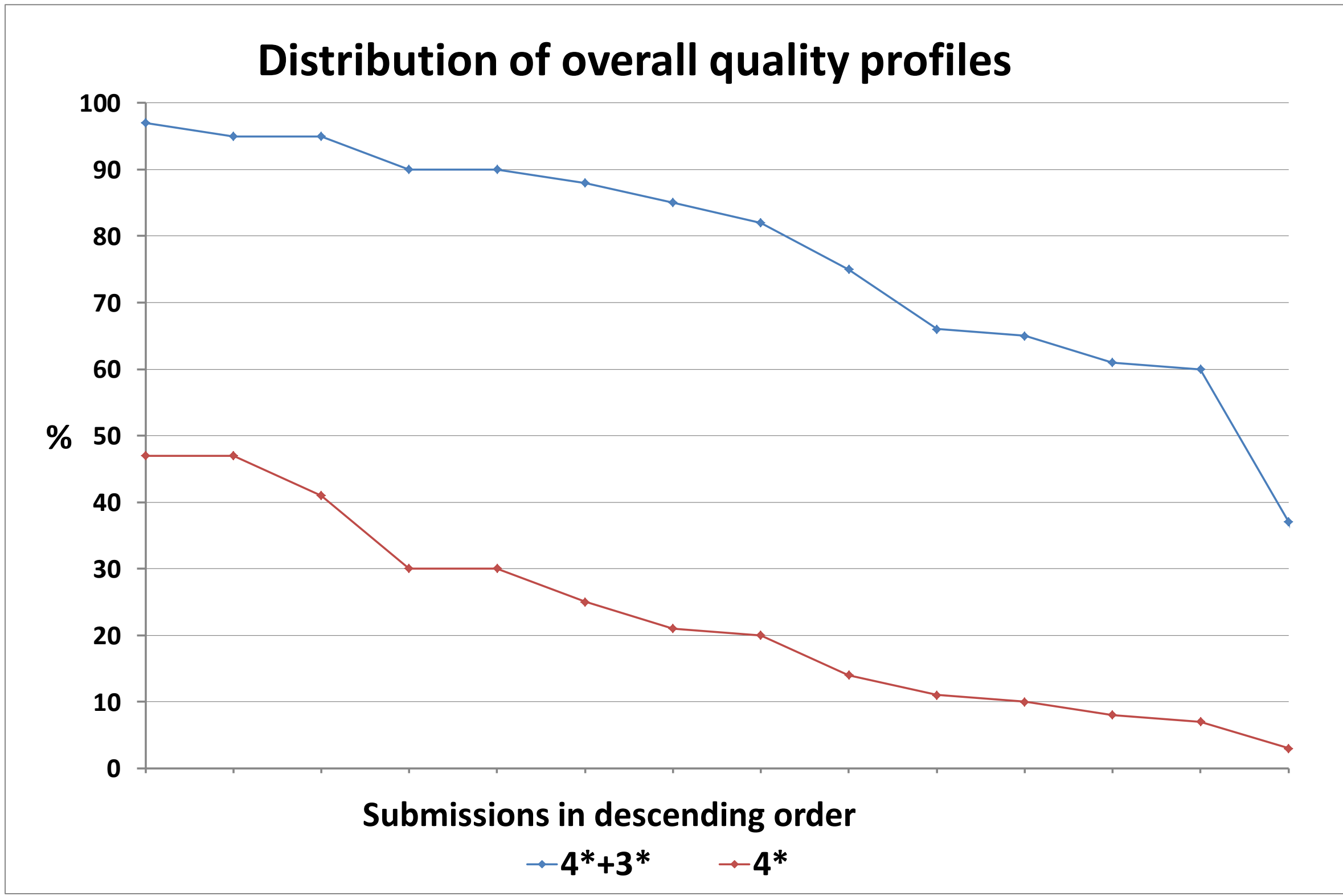
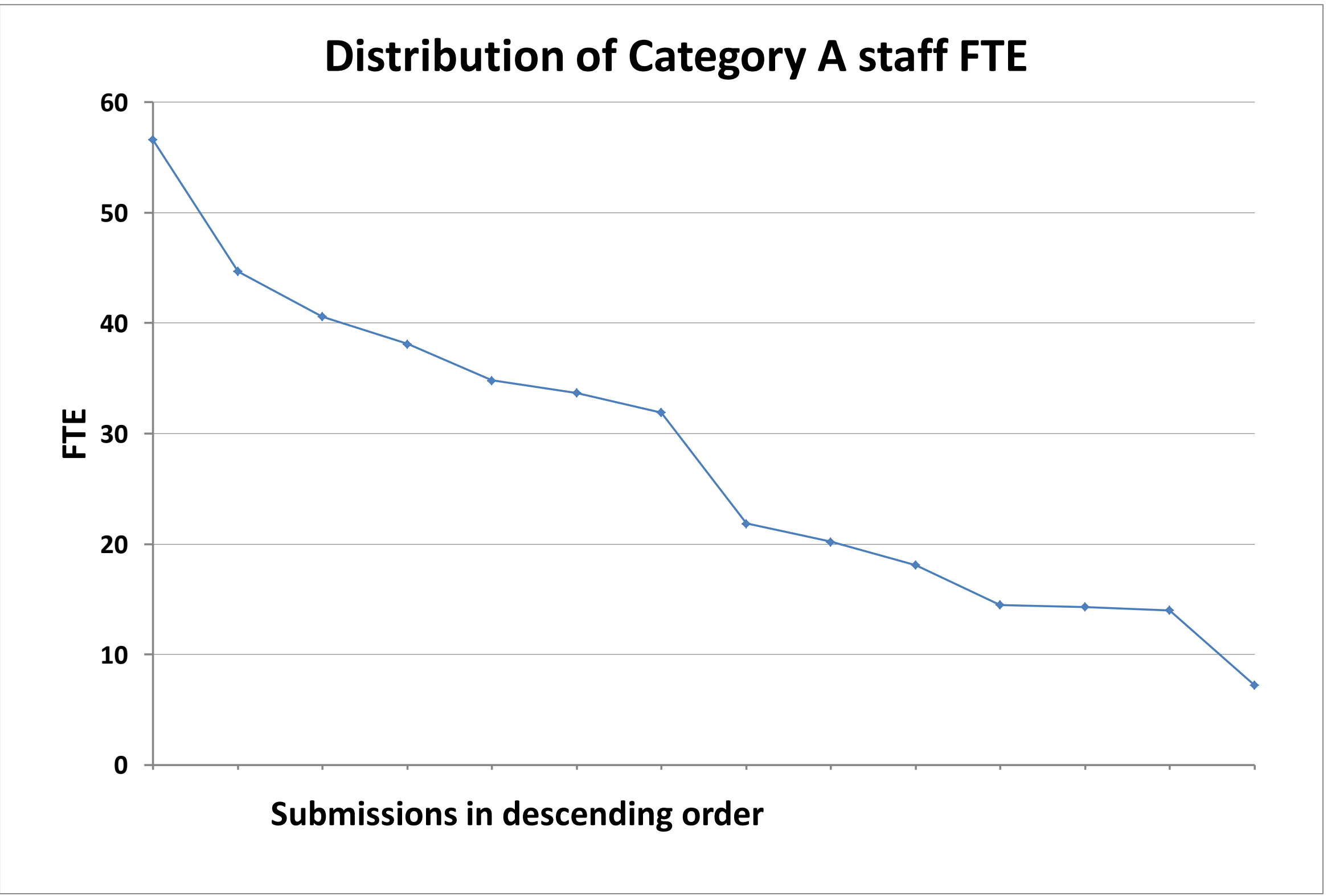
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
31.34	32.54	34.94	33.37	35.70



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	24	56	16	3	1
Outputs	18.1	58	19.3	4.3	0.3
Impact	33.9	52.5	11.4	0	2.2
Environment	35.1	56.5	7.9	0.5	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.



REF 2014: Unit of assessment summary data

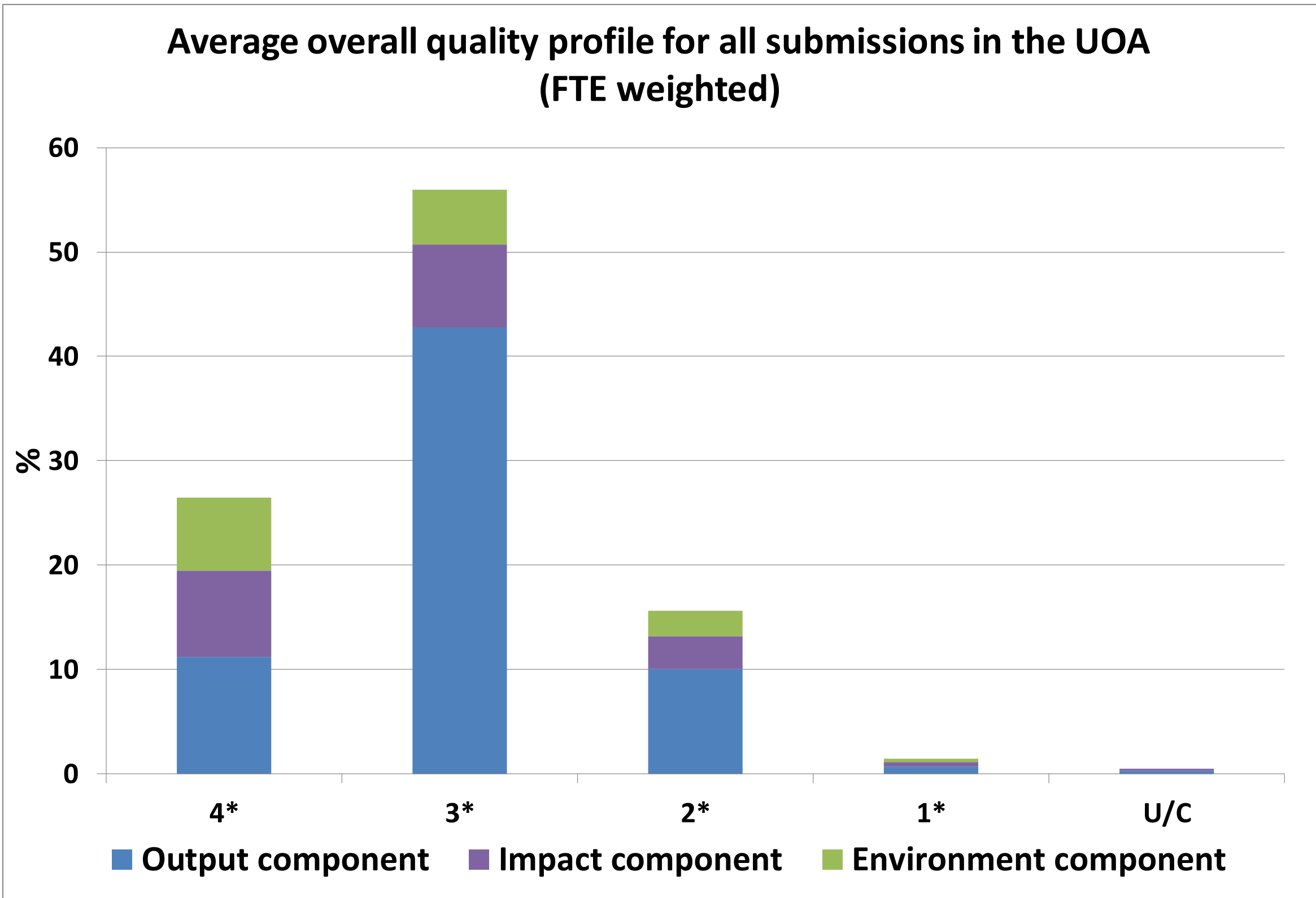
UOA 15: General Engineering

Submission information

Number of submissions	62
Category A FTE staff submitted	2,447
Headcounts of category A and C staff submitted	2,553
Headcounts of early career researchers (REF1a)	587
Number of outputs submitted	8,697
Number of case studies submitted	291

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
959	1050	1154	1094	1192

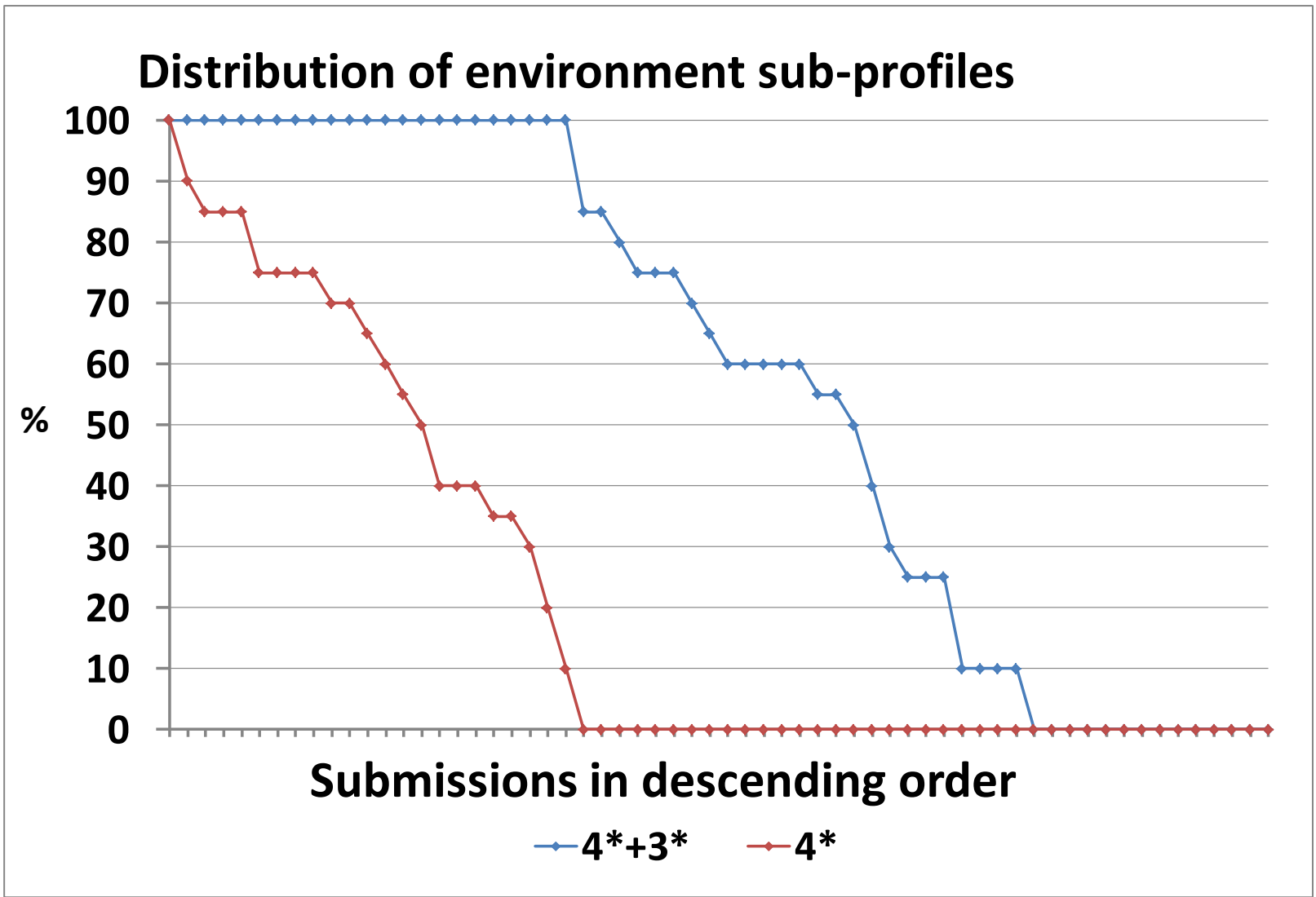
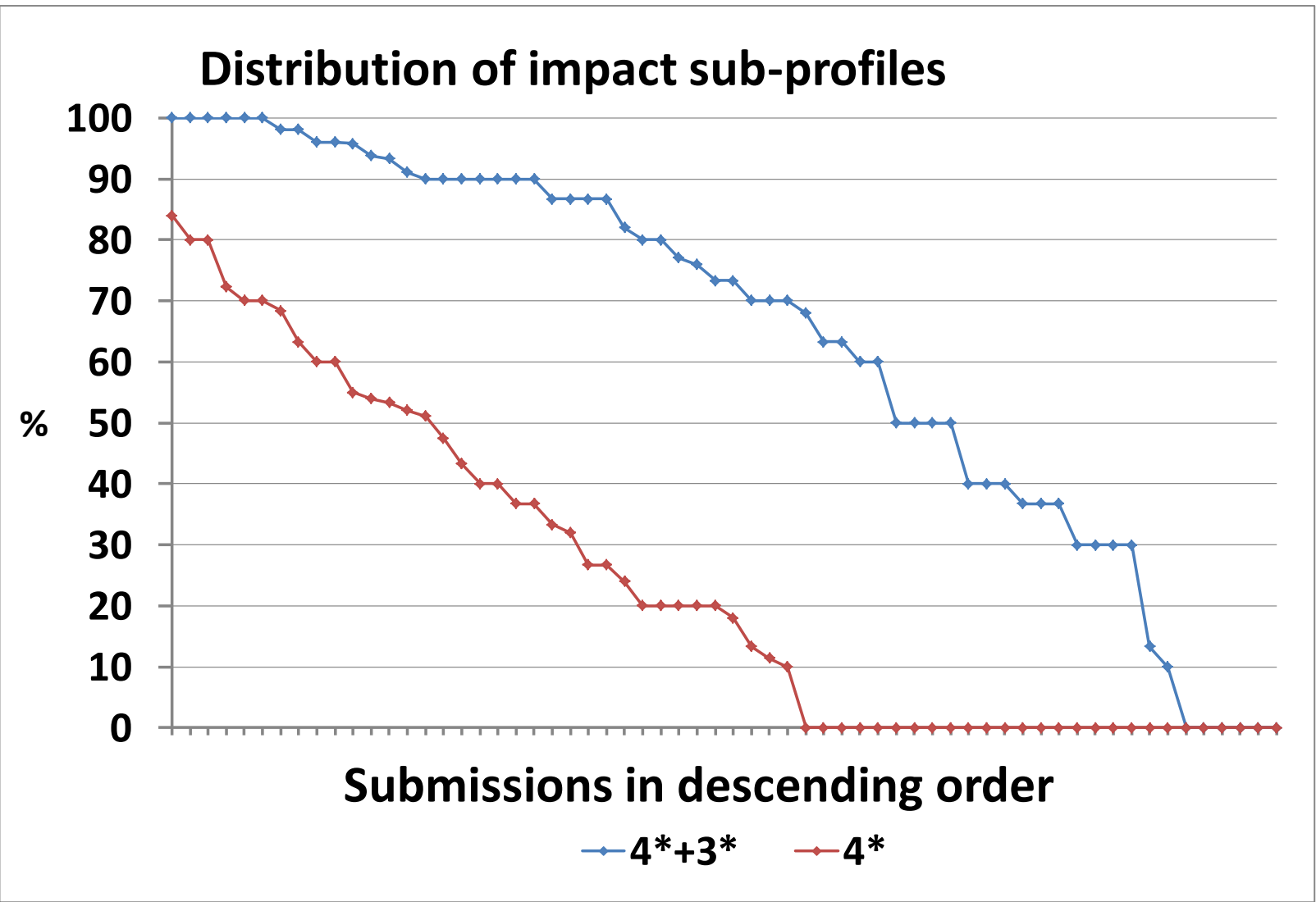
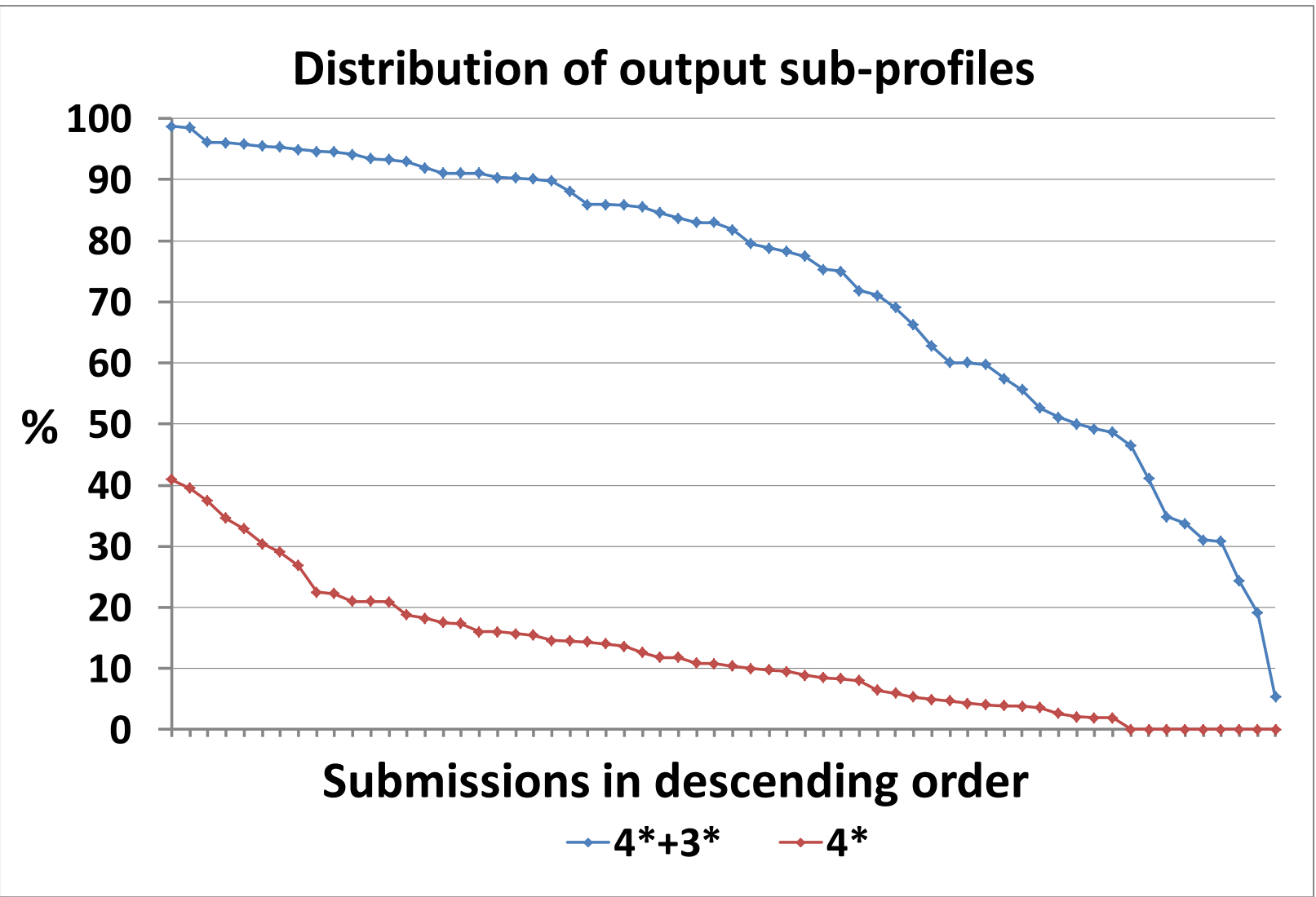
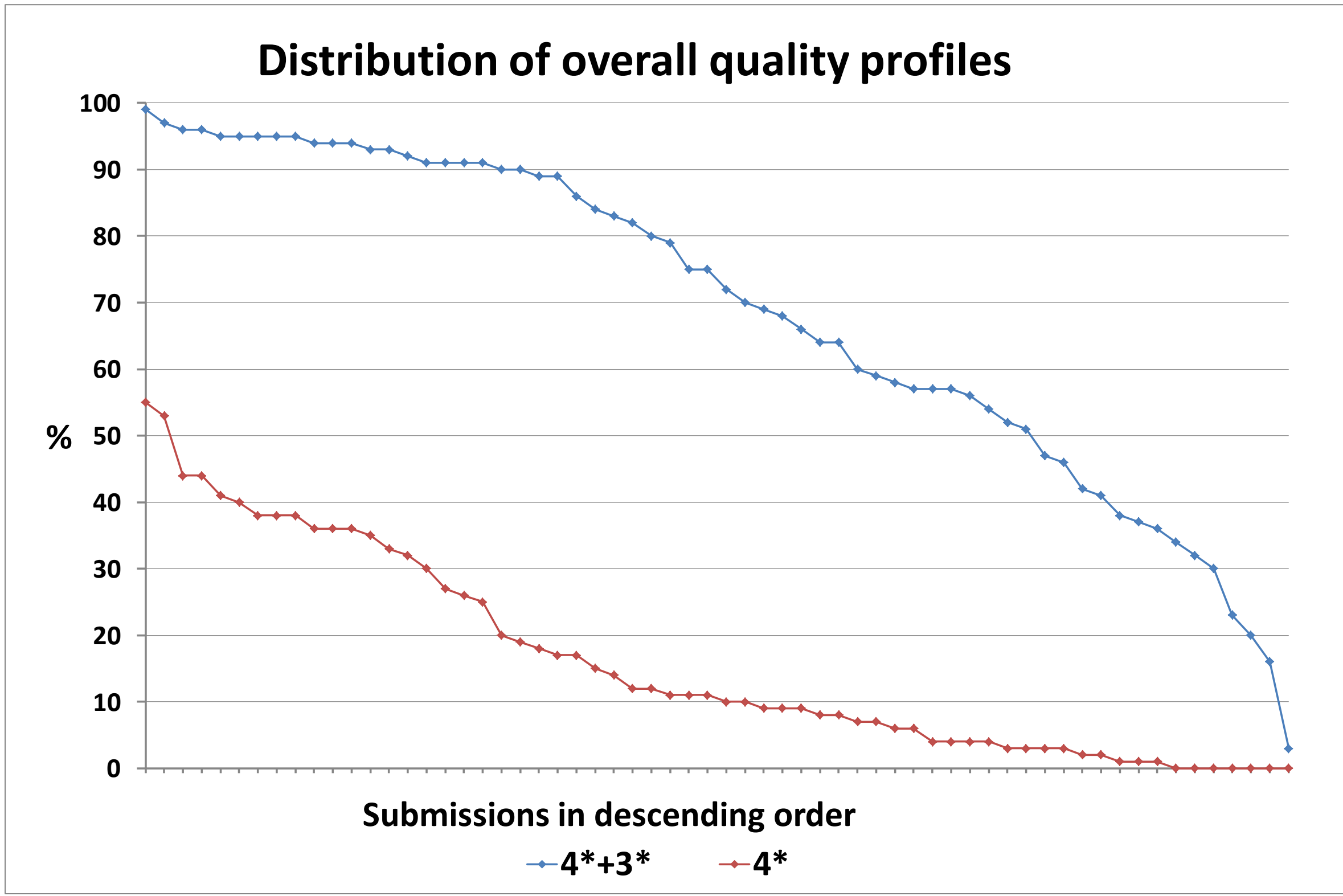
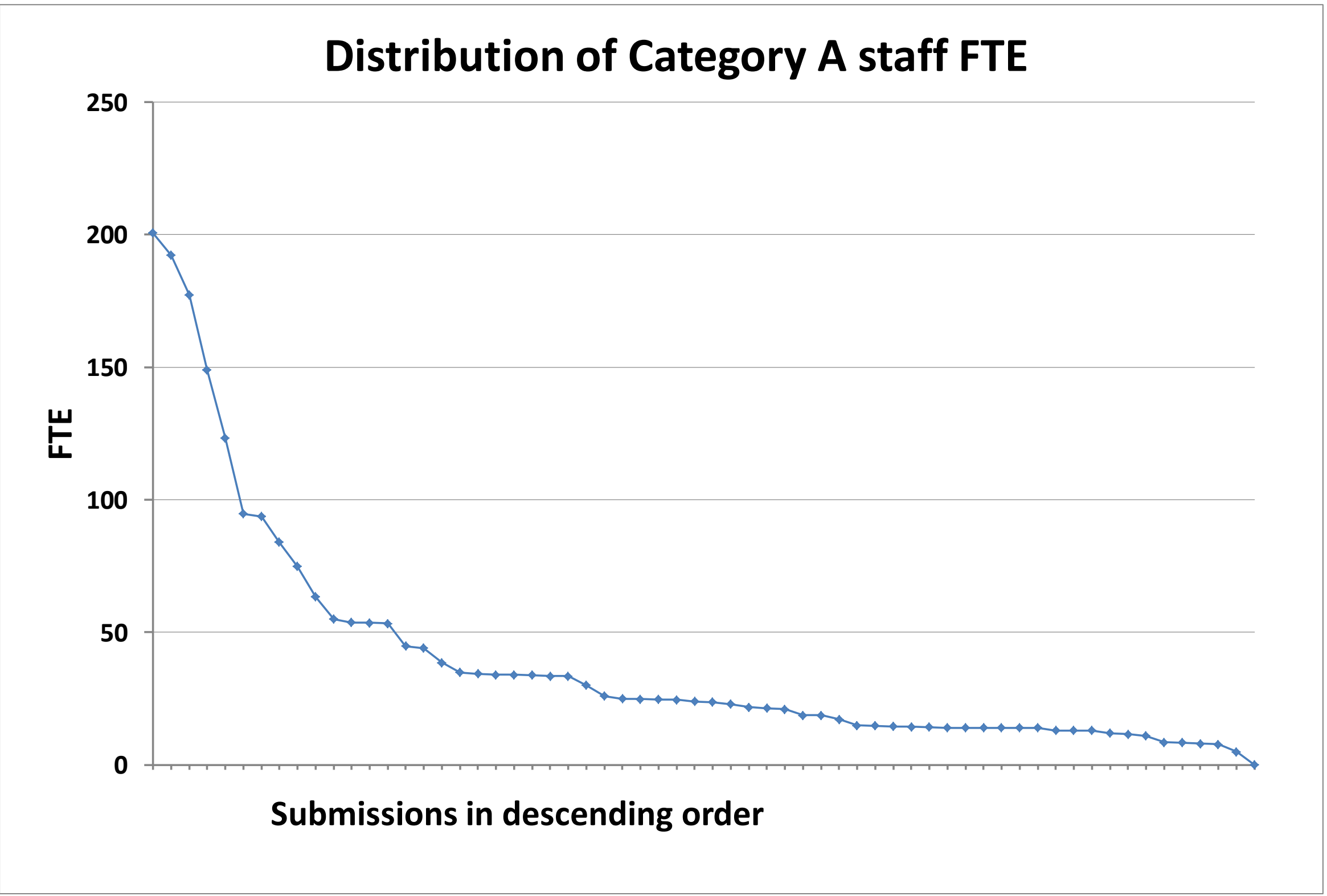
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
221.31	230.47	256.40	267.12	287.03



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	26	56	16	2	0
Outputs	17.2	65.8	15.5	1	0.5
Impact	41.6	39.8	15.5	2.3	0.8
Environment	46.5	34.9	16.4	2.2	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.

REF 2014: Unit of assessment summary data

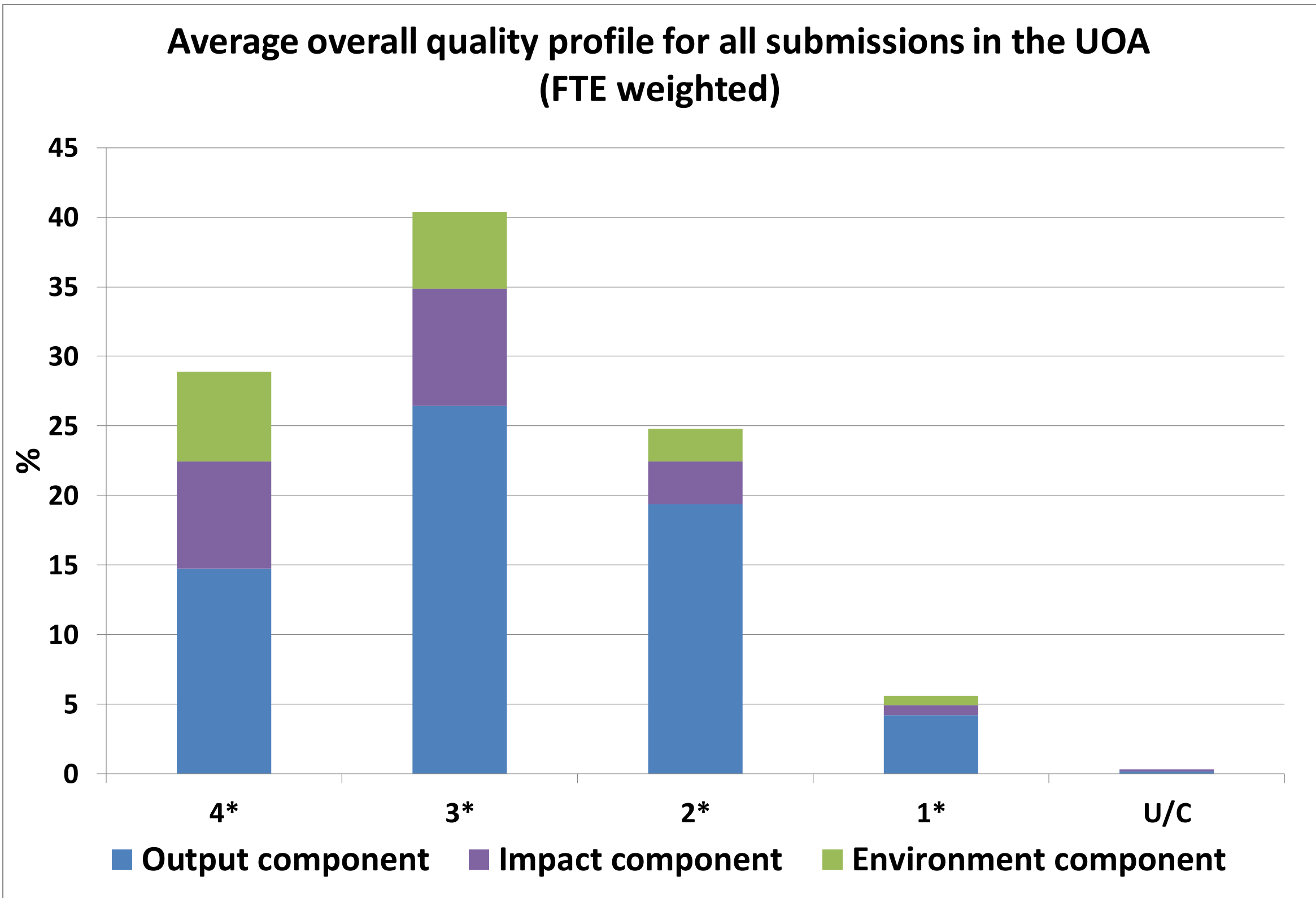
UOA 16: Architecture, Built Environment and Planning

Submission information

Number of submissions	45
Category A FTE staff submitted	1,025
Headcounts of category A and C staff submitted	1,113
Headcounts of early career researchers (REF1a)	210
Number of outputs submitted	3,781
Number of case studies submitted	146

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
247	238	284	318	323

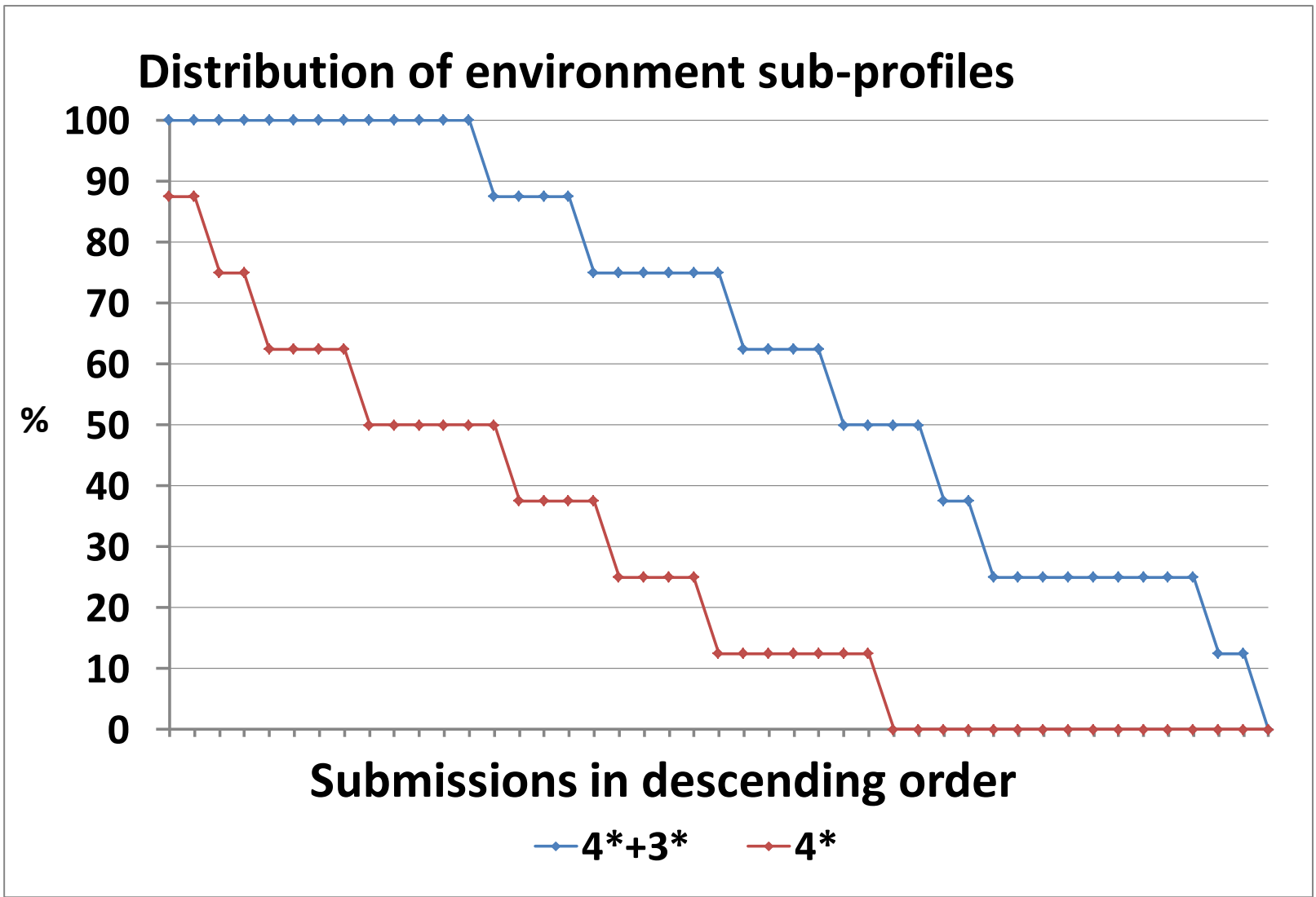
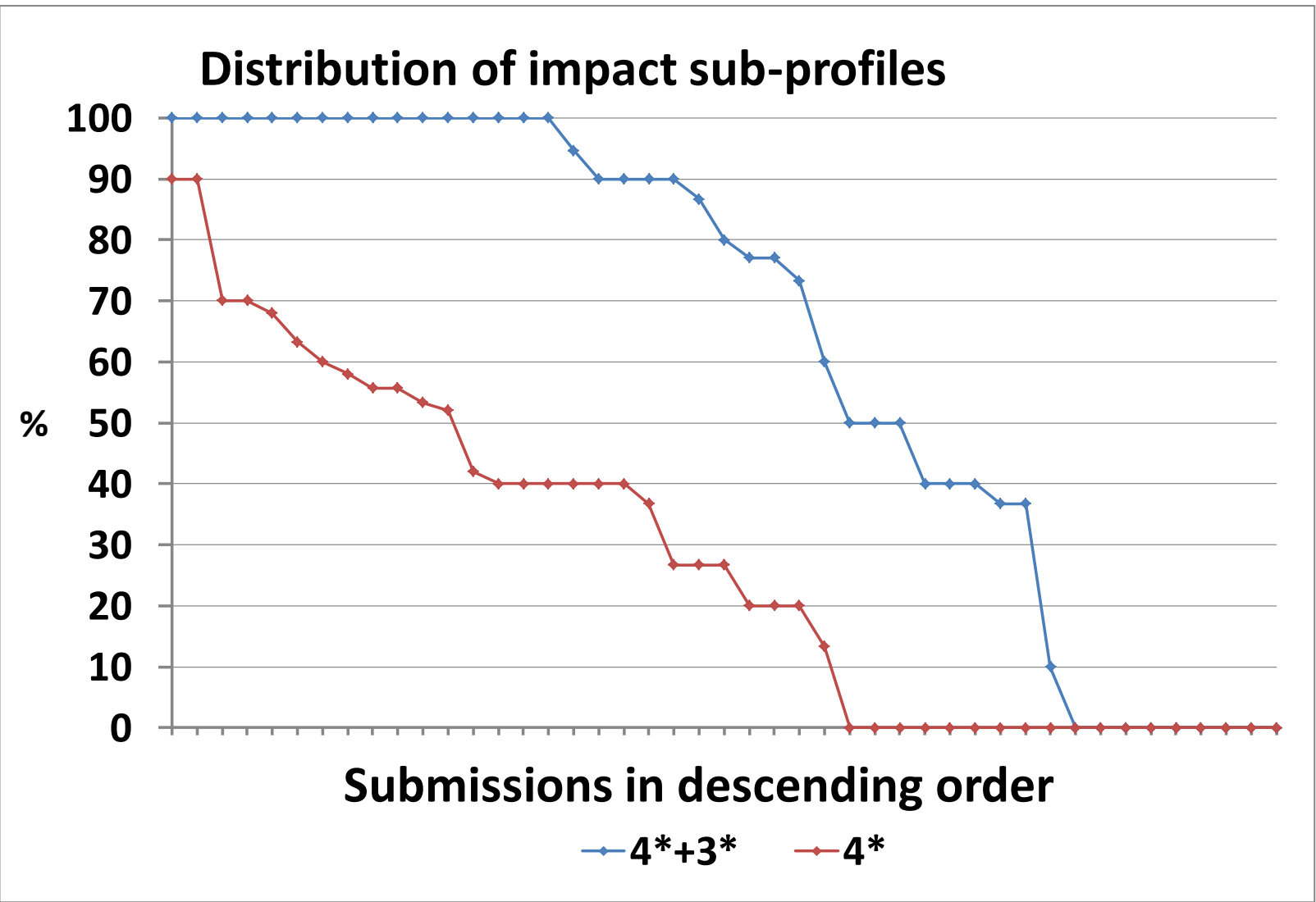
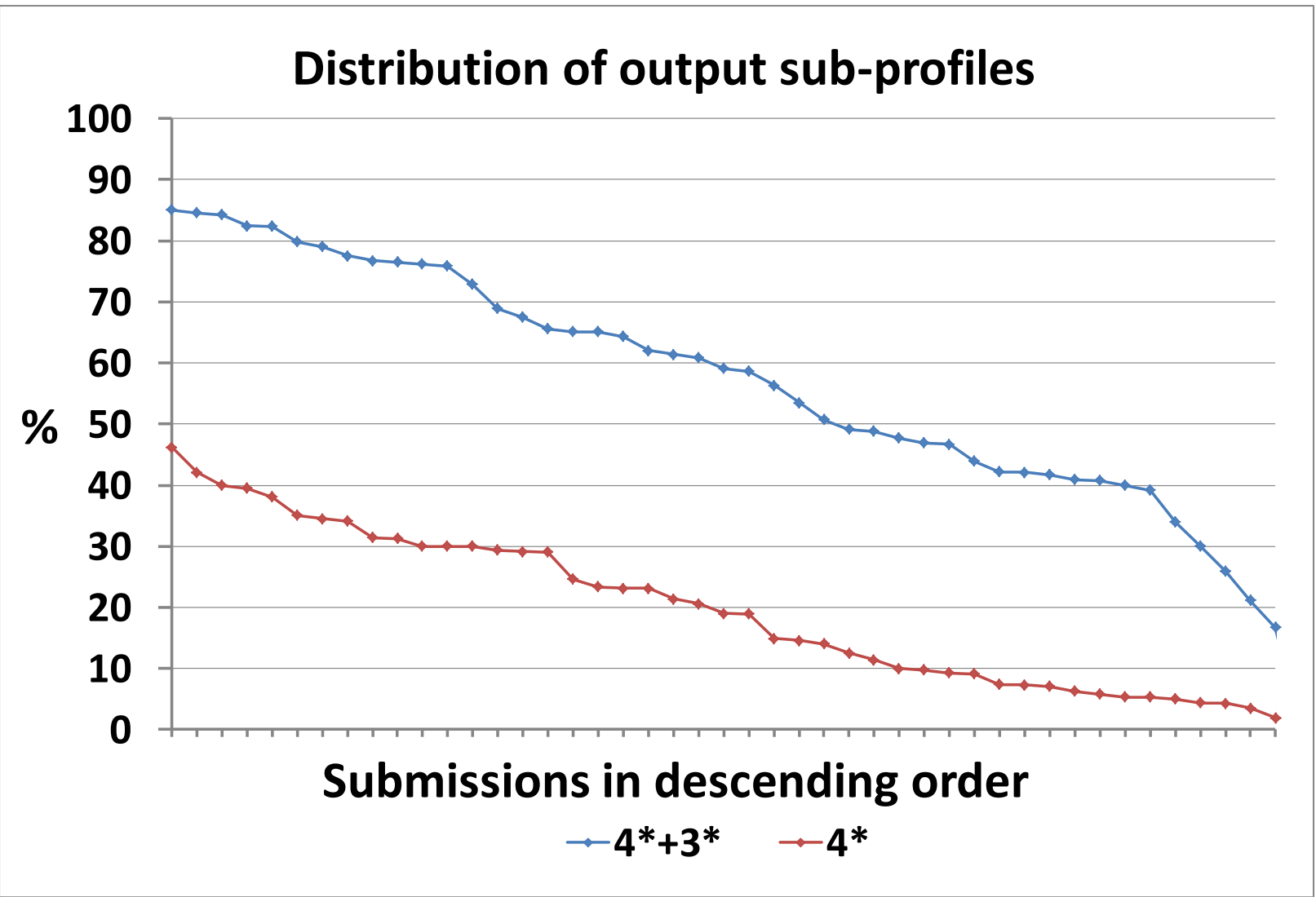
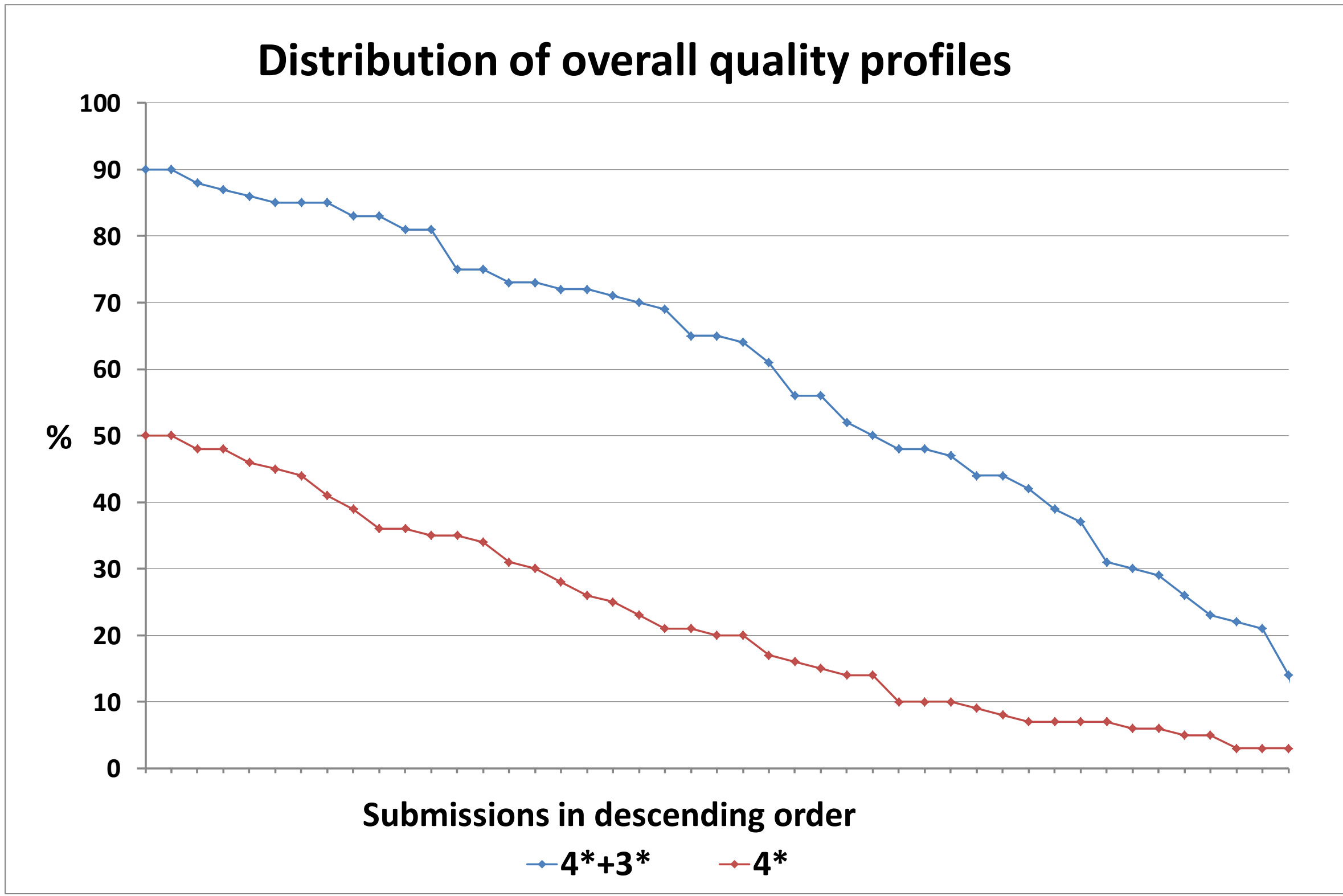
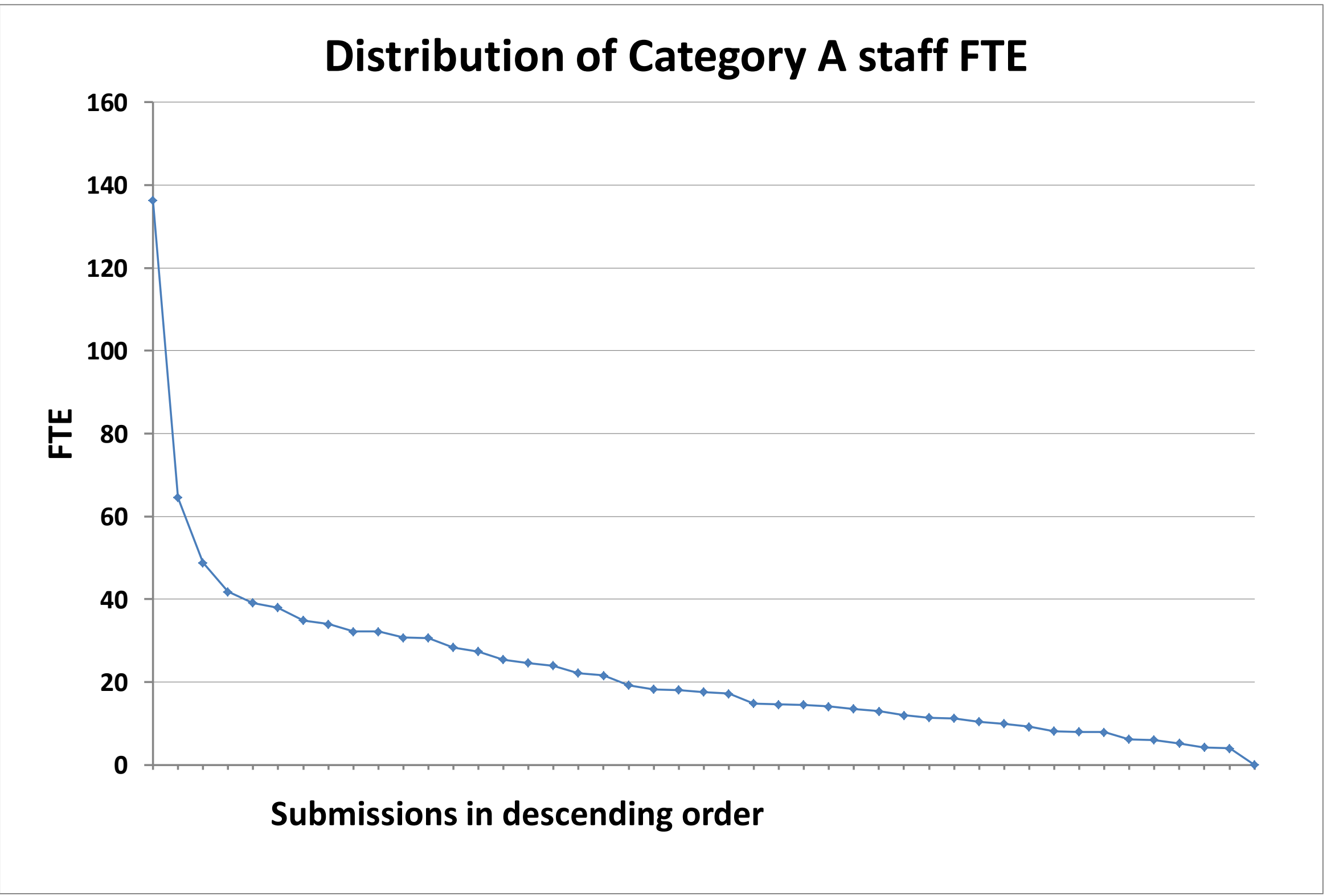
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
45.65	45.01	44.95	43.53	43.20



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	29	40	25	6	0
Outputs	22.7	40.7	29.8	6.5	0.3
Impact	38.4	42	15.3	3.6	0.7
Environment	43.2	36.8	15.7	4.3	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.



REF 2014: Unit of assessment summary data

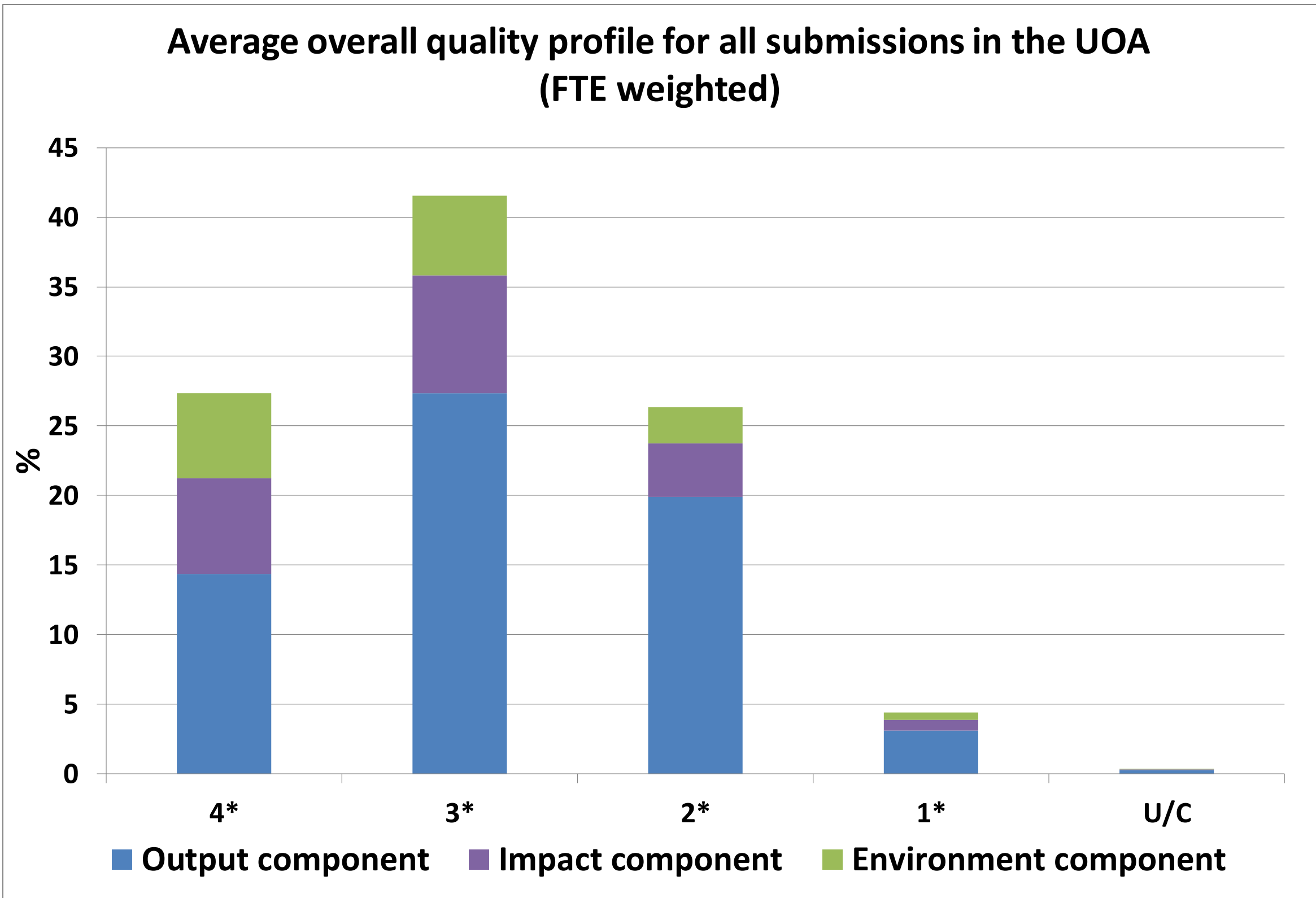
UOA 17: Geography, Environmental Studies and Archaeology

Submission information

Number of submissions	74
Category A FTE staff submitted	1,686
Headcounts of category A and C staff submitted	1,787
Headcounts of early career researchers (REF1a)	365
Number of outputs submitted	6,021
Number of case studies submitted	239

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
425	472	523	547	532

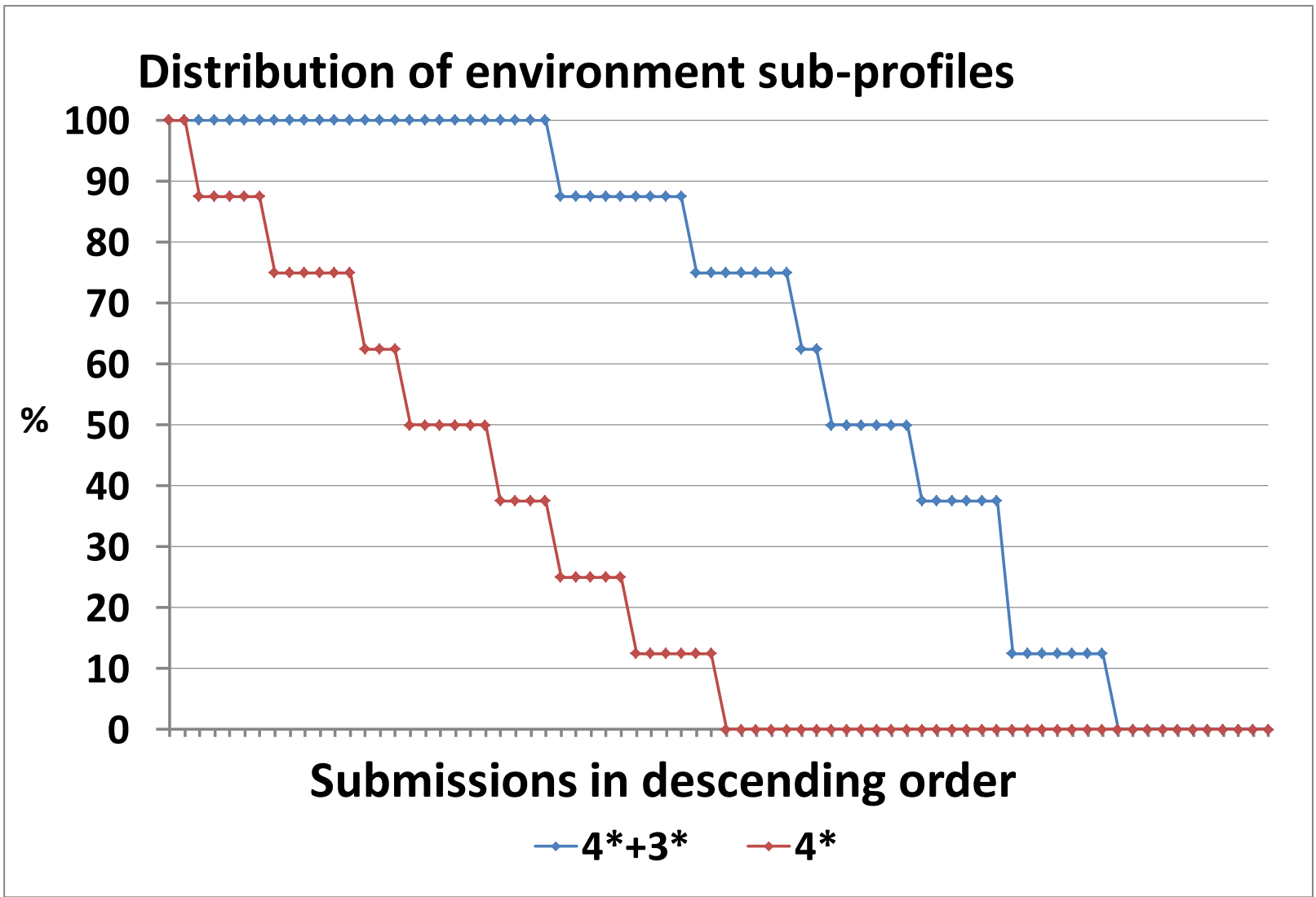
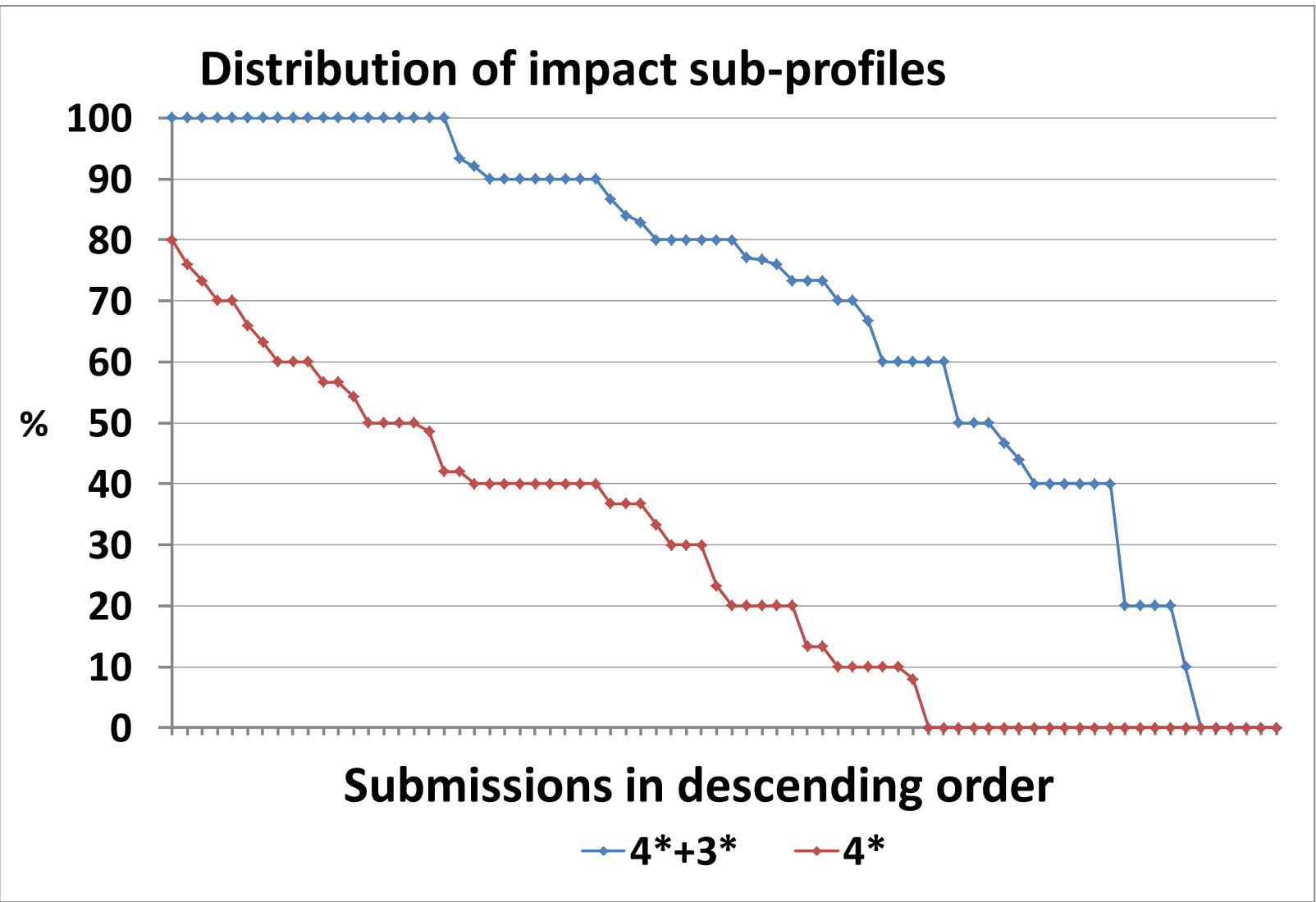
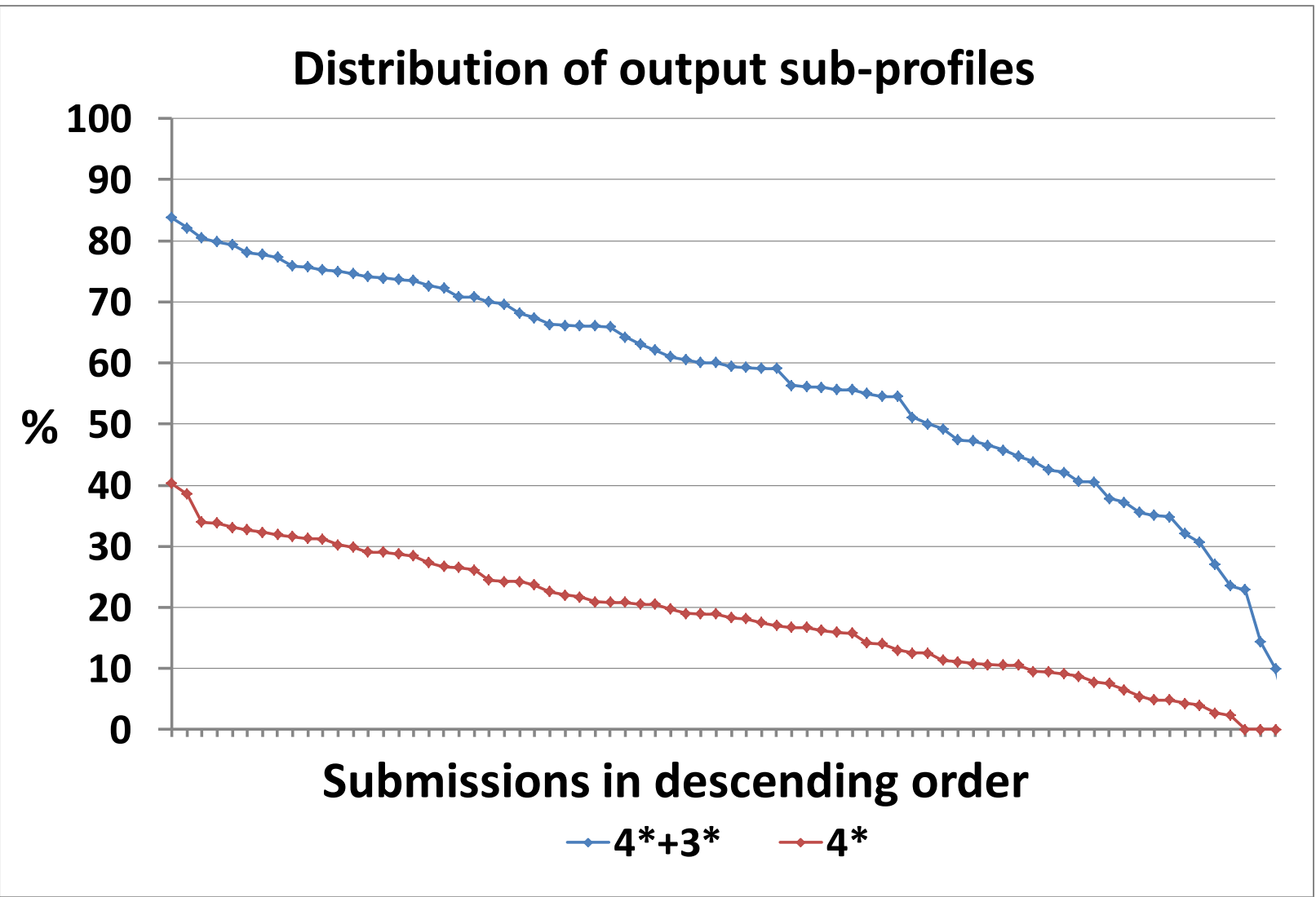
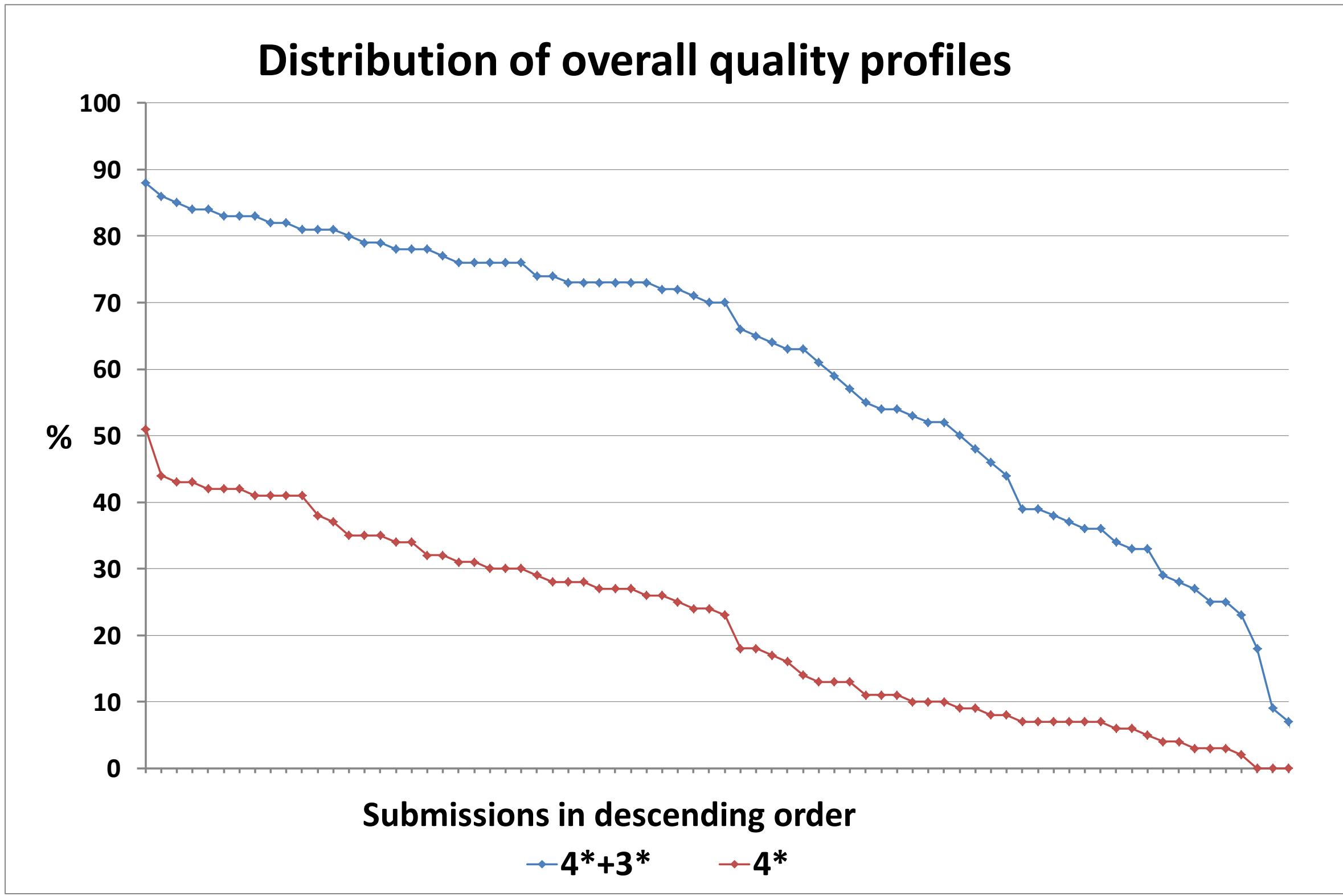
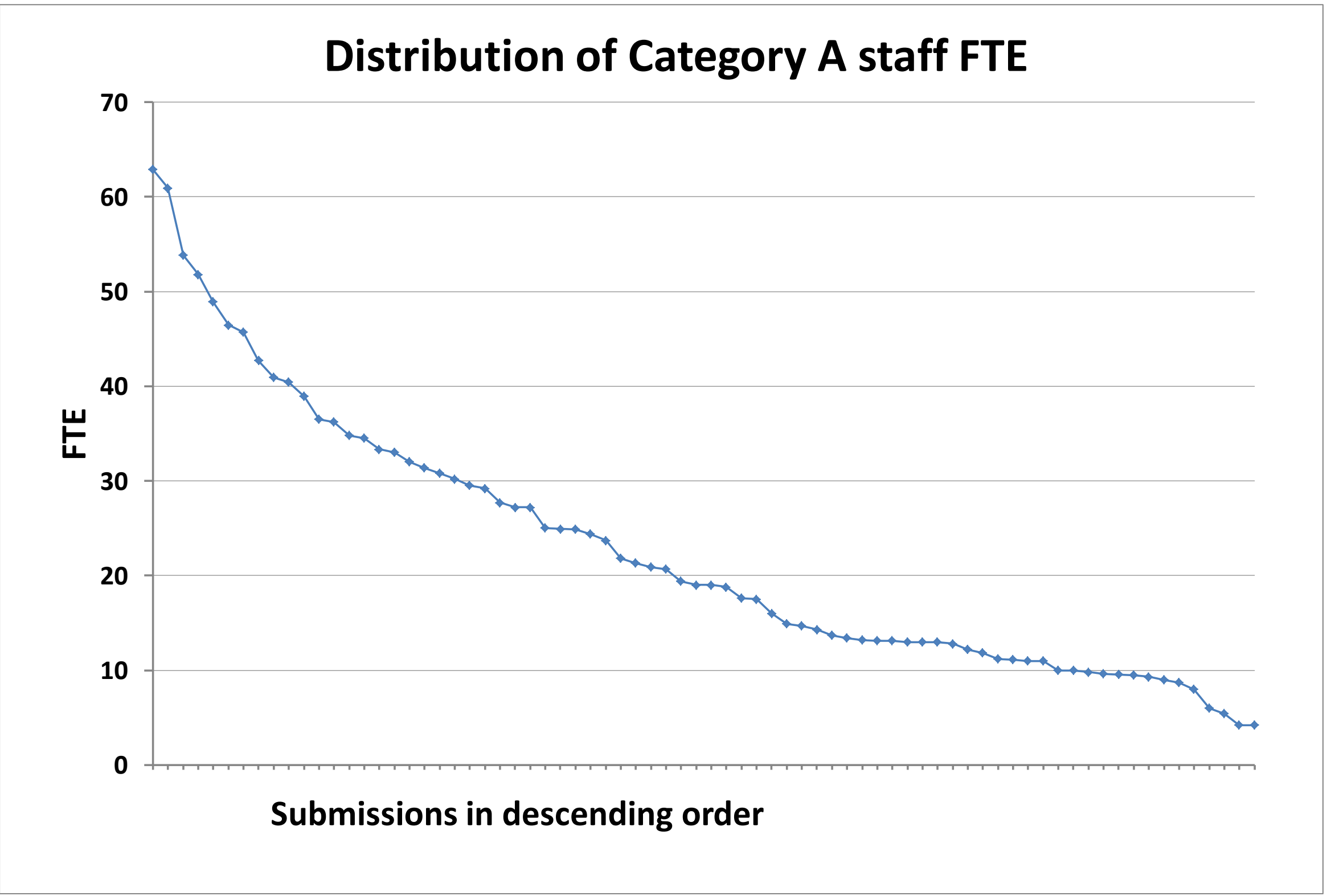
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
72.24	72.14	76.66	75.59	84.79



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	27	42	26	5	0
Outputs	22.1	42.1	30.6	4.8	0.4
Impact	34.3	42.2	19.3	3.9	0.3
Environment	40.9	38.2	17.2	3.4	0.3

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.

REF 2014: Unit of assessment summary data

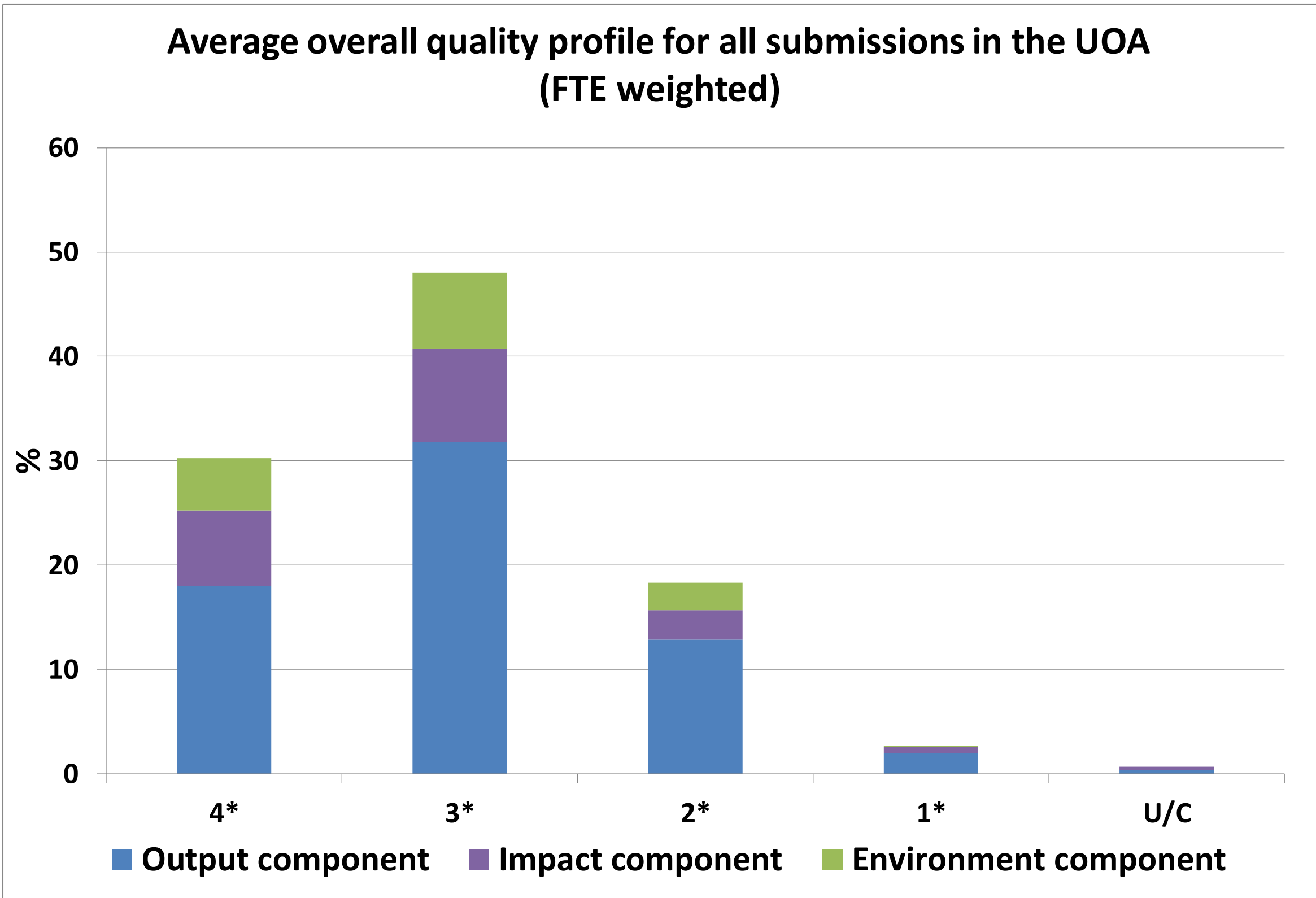
UOA 18: Economics and Econometrics

Submission information

Number of submissions	28
Category A FTE staff submitted	756
Headcounts of category A and C staff submitted	798
Headcounts of early career researchers (REF1a)	209
Number of outputs submitted	2,600
Number of case studies submitted	101

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
212	210	225	215	225

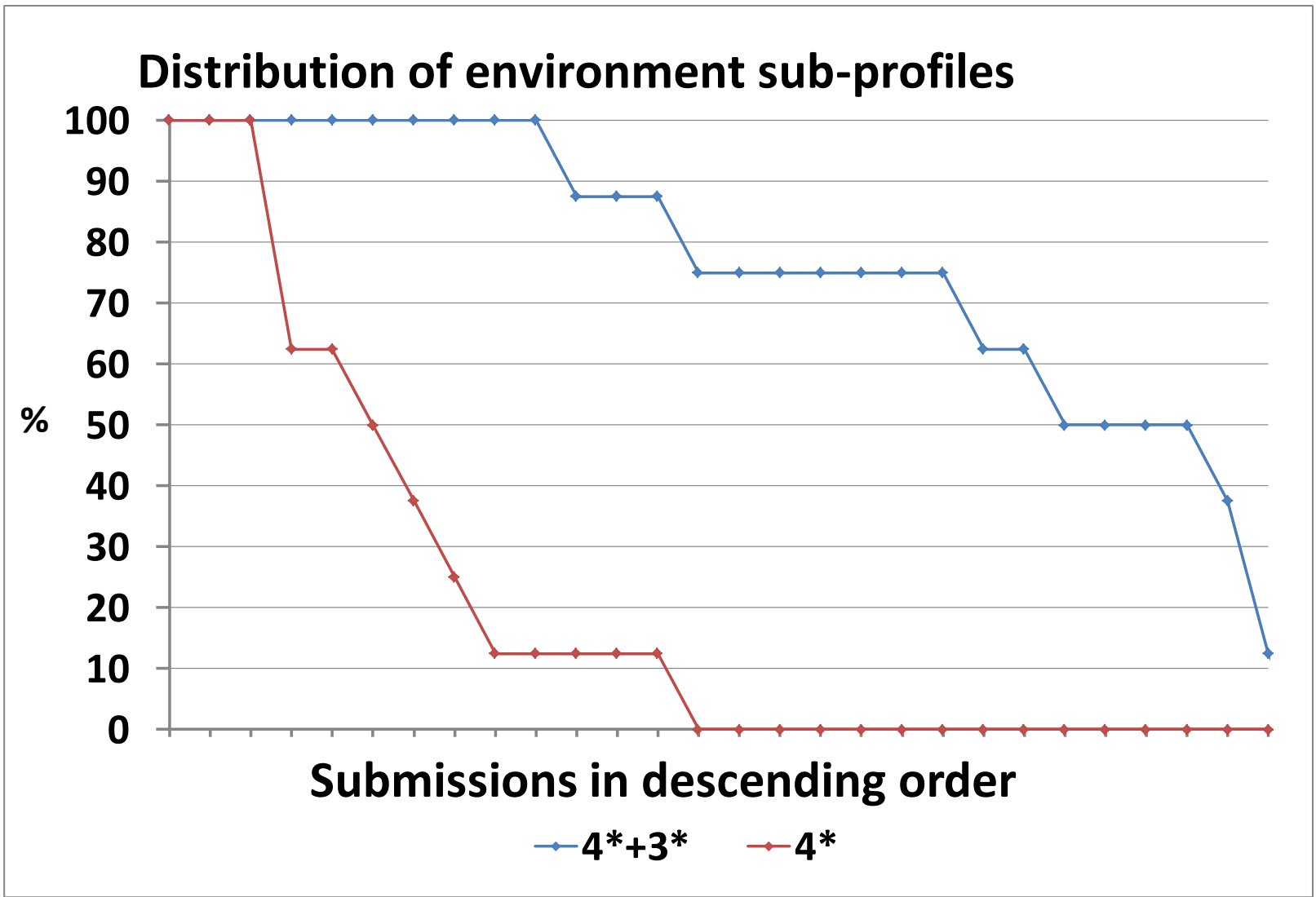
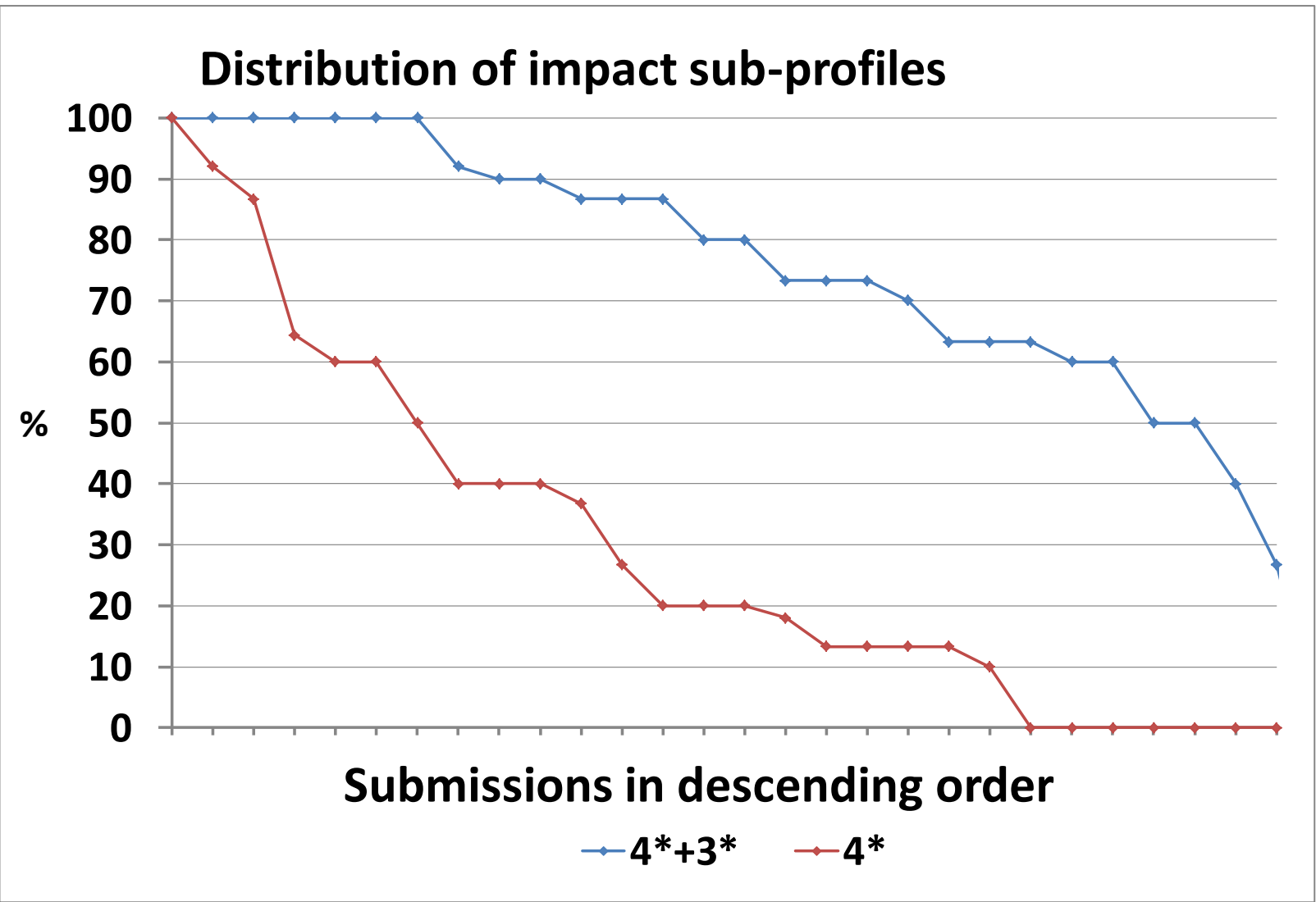
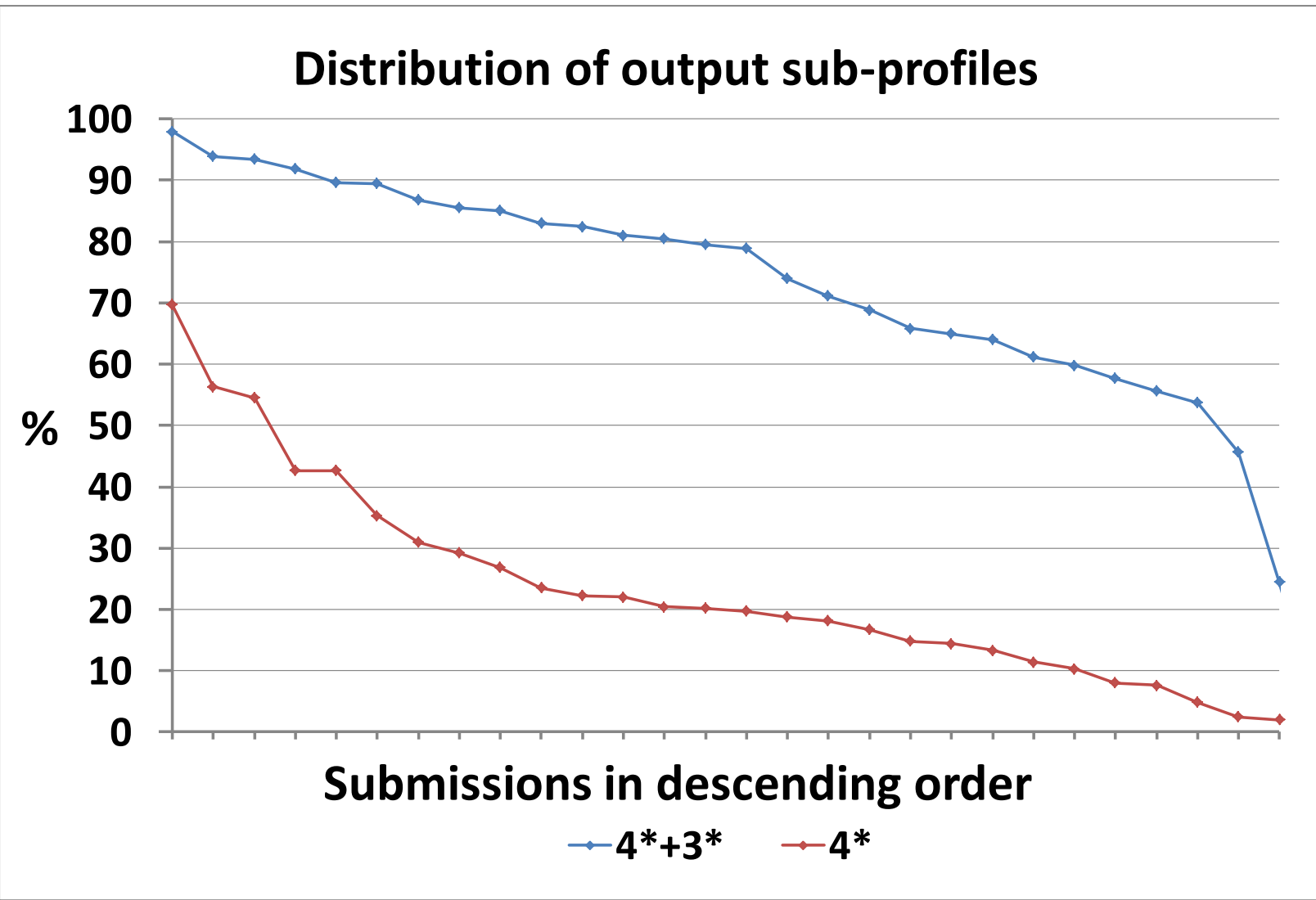
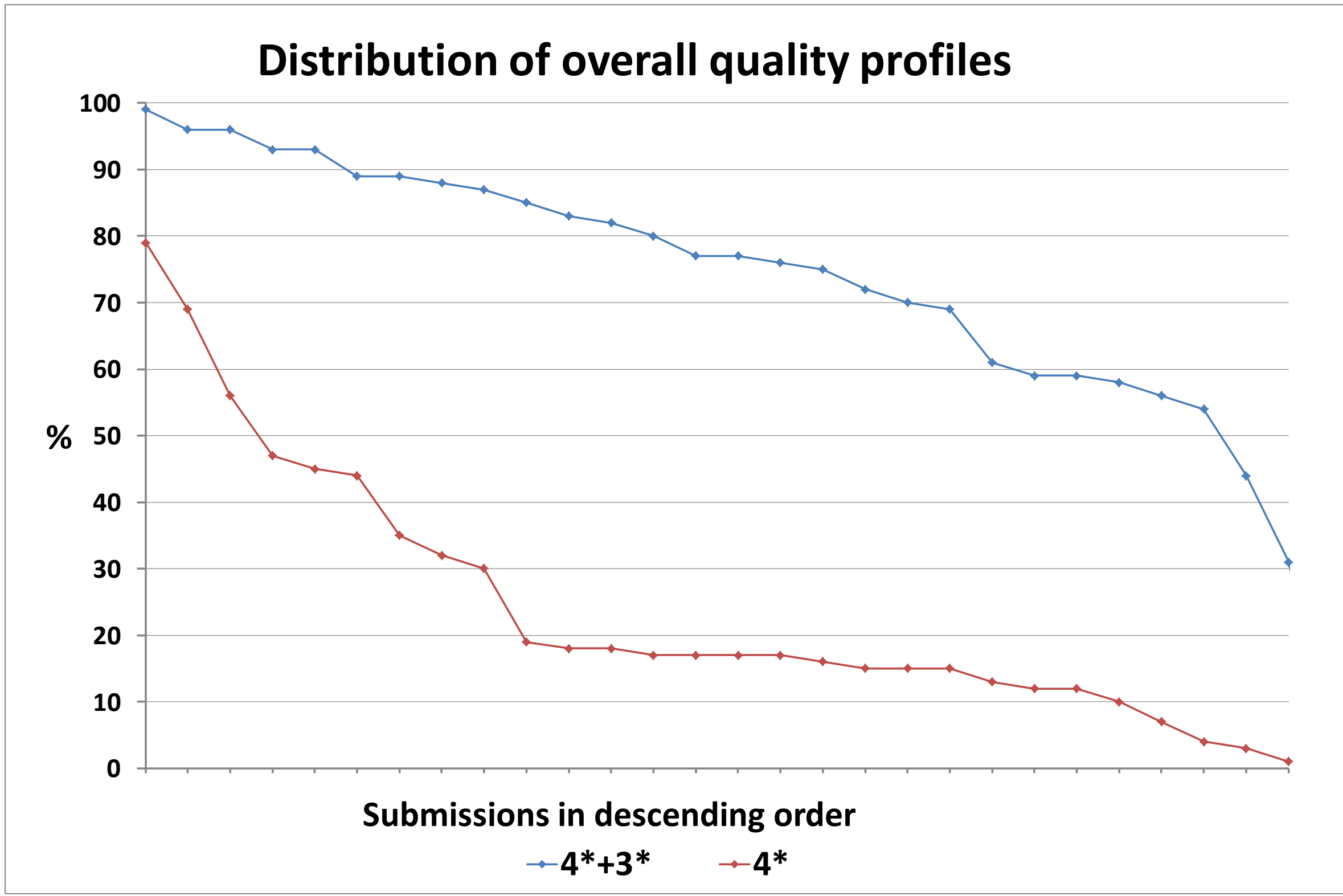
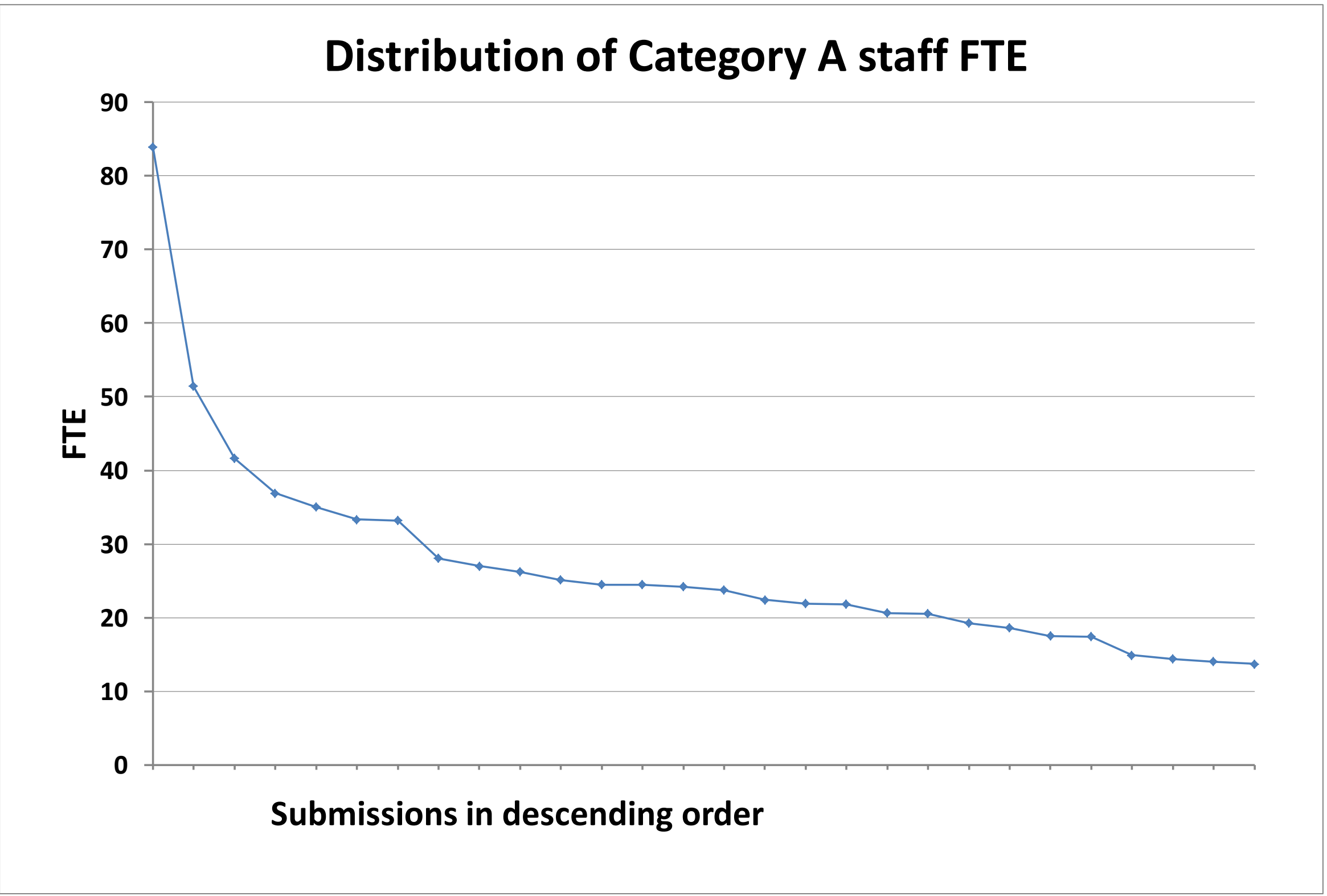
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
21.40	24.73	28.26	25.01	25.75



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	30	48	19	2	1
Outputs	27.7	48.9	19.8	3	0.6
Impact	36.3	44.7	14.1	3.4	1.5
Environment	33.4	48.6	17.6	0.4	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup> Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.



REF 2014: Unit of assessment summary data

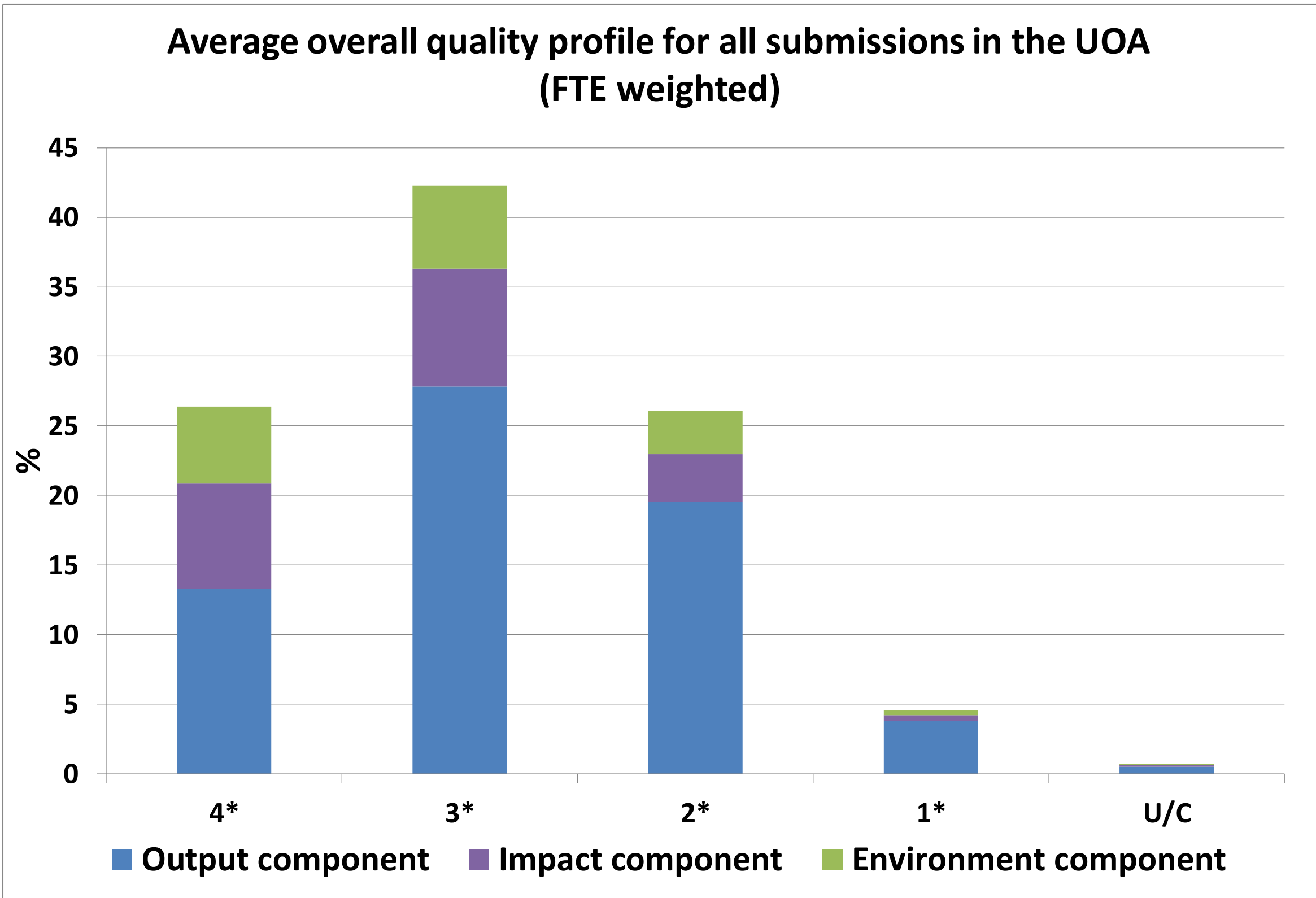
UOA 19: Business and Management Studies

Submission information

Number of submissions	101
Category A FTE staff submitted	3,320
Headcounts of category A and C staff submitted	3,602
Headcounts of early career researchers (REF1a)	731
Number of outputs submitted	12,204
Number of case studies submitted	432

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
868	844	1017	970	1106

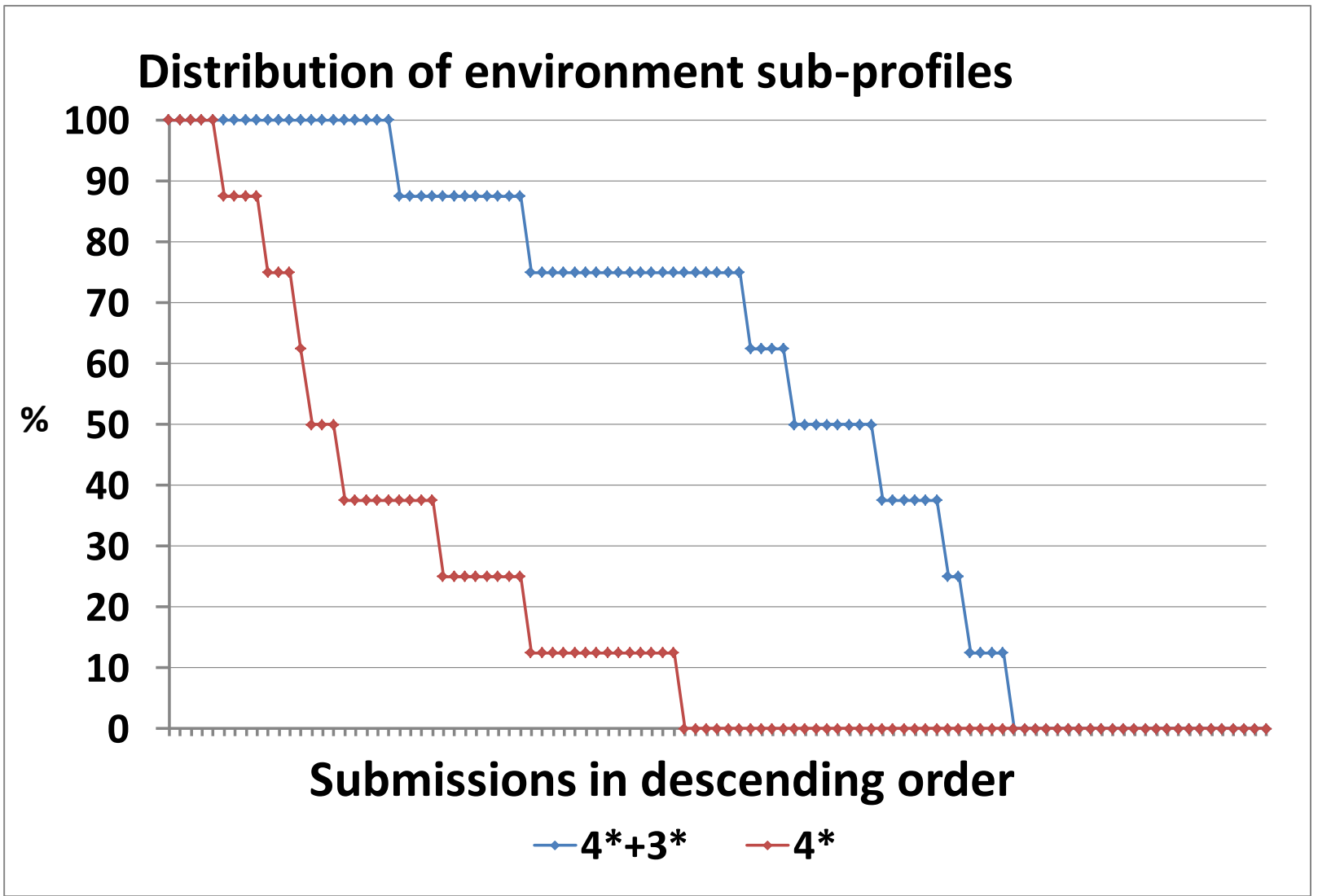
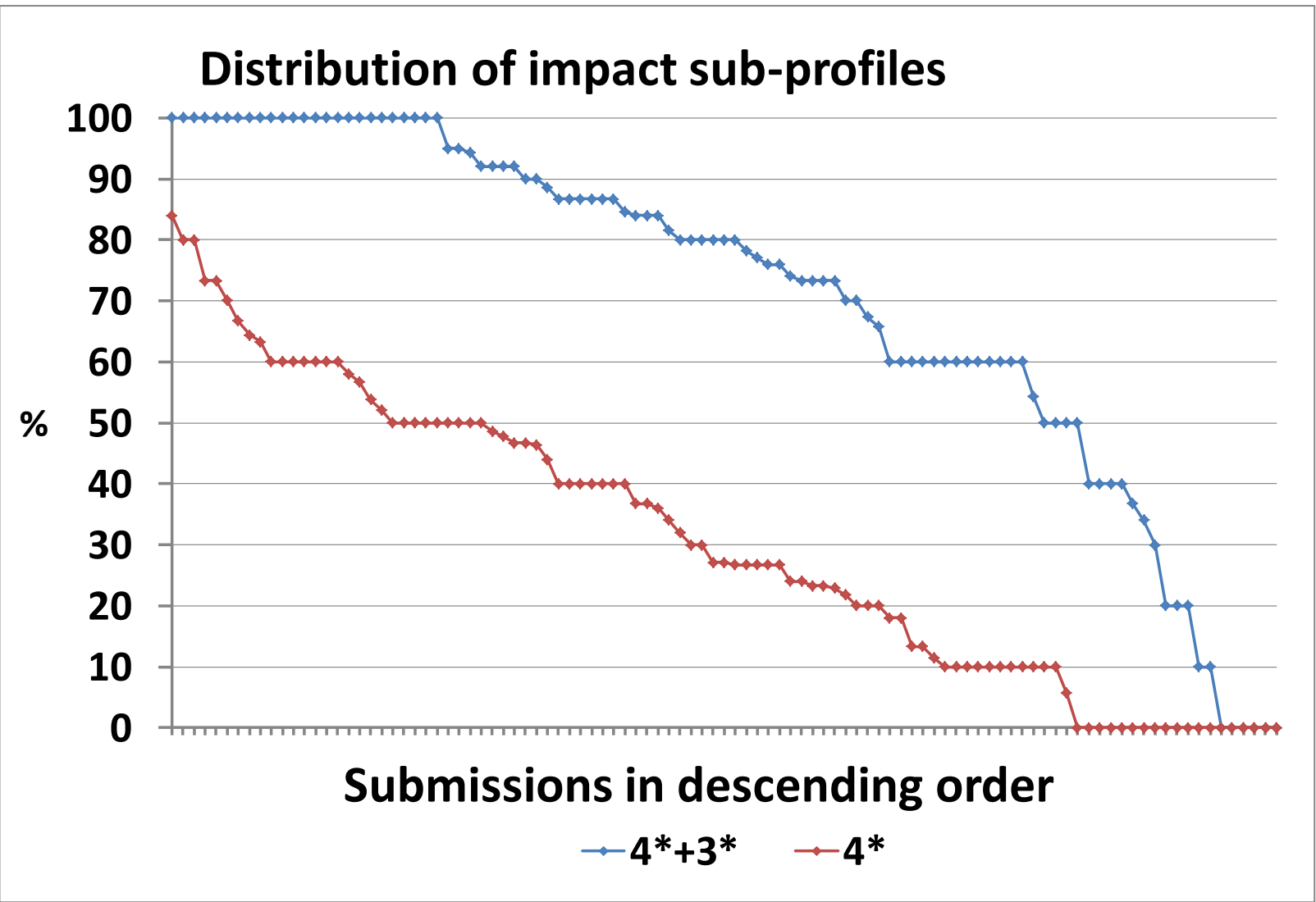
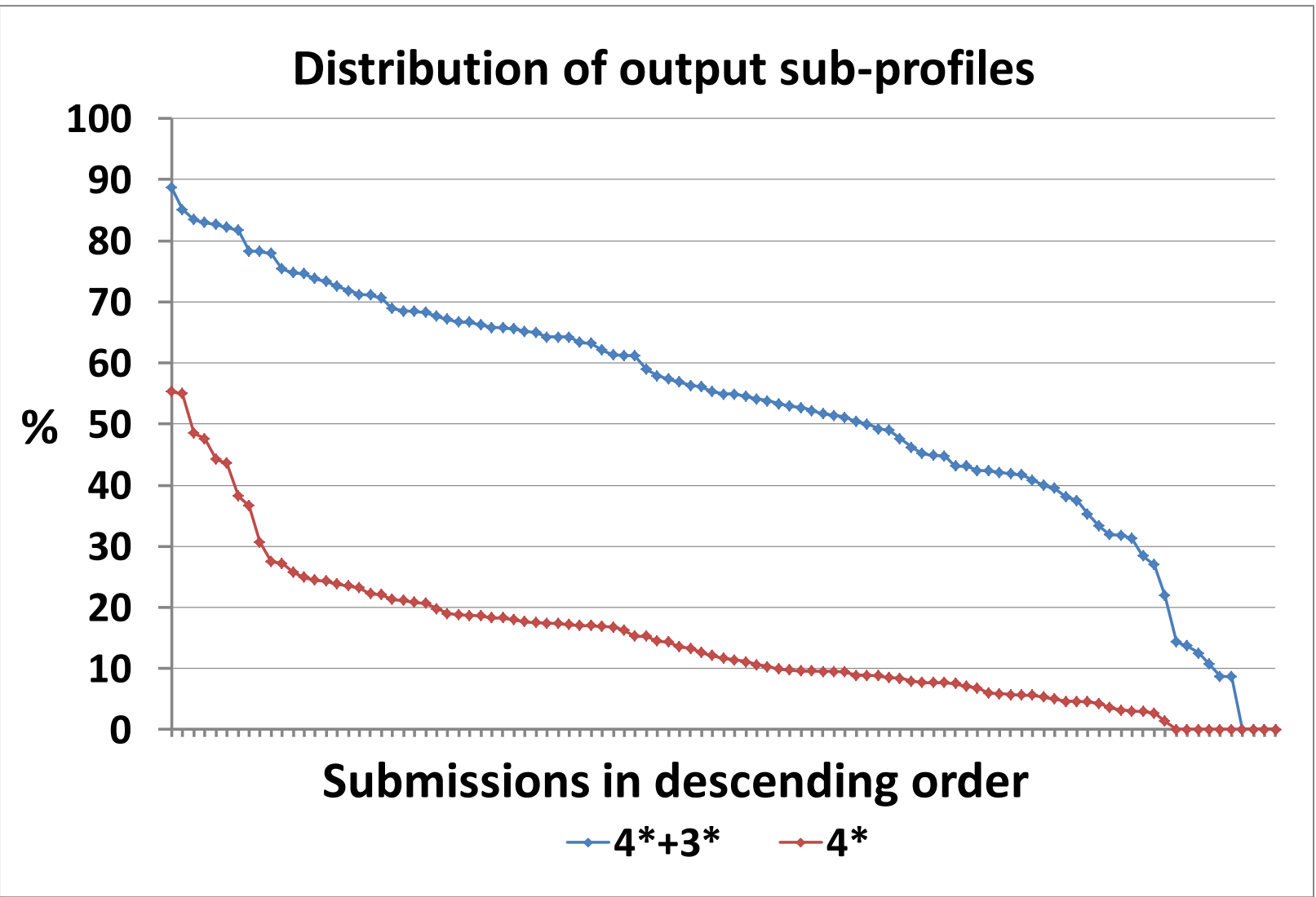
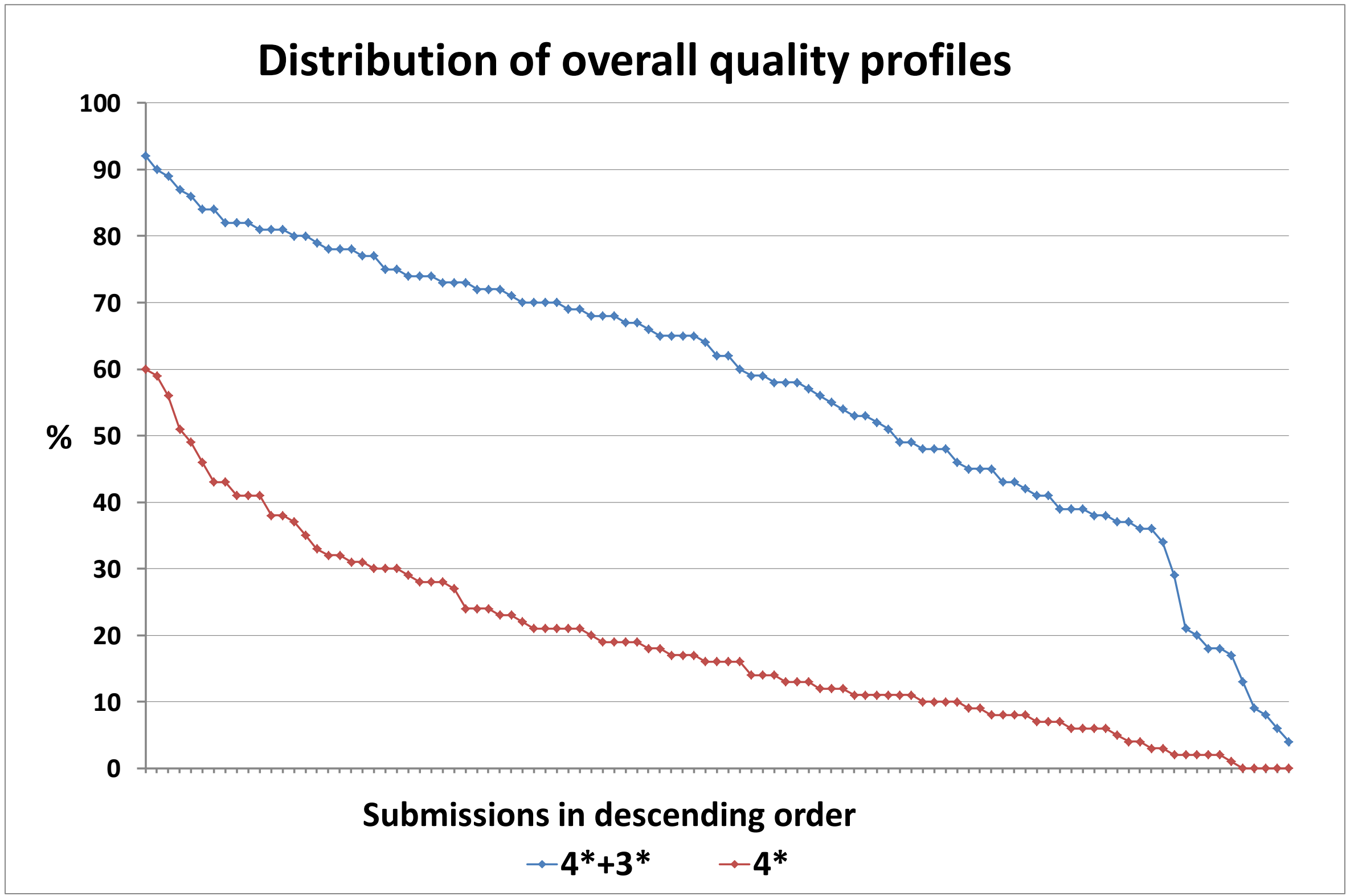
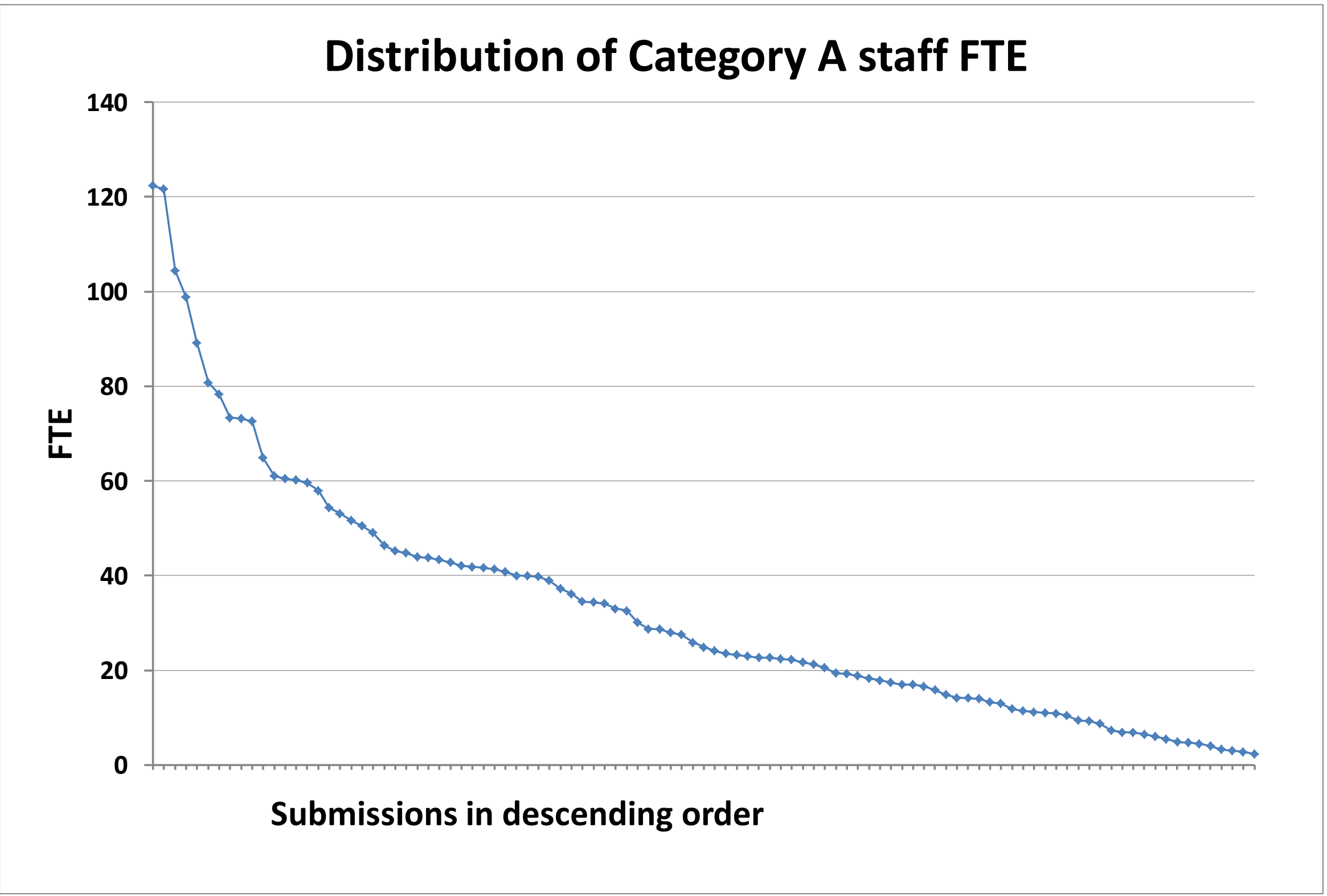
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
69.78	68.21	71.14	67.64	63.45



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	26	43	26	4	1
Outputs	20.5	42.8	30.1	5.8	0.8
Impact	37.7	42.5	17	2.2	0.6
Environment	36.8	39.7	21	2.4	0.1

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.

REF 2014: Unit of assessment summary data

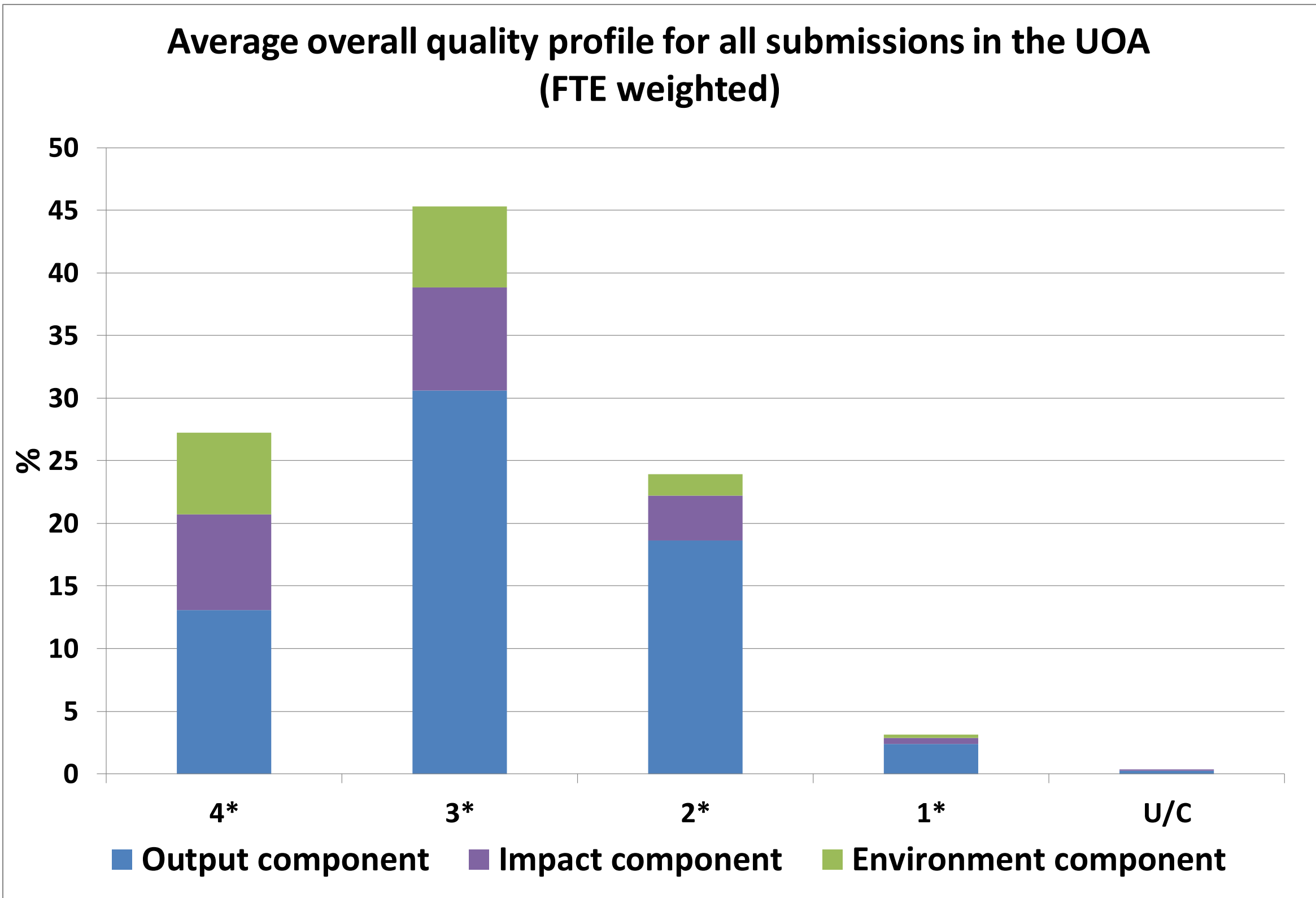
UOA 20: Law

Submission information

Number of submissions	67
Category A FTE staff submitted	1,553
Headcounts of category A and C staff submitted	1,644
Headcounts of early career researchers (REF1a)	311
Number of outputs submitted	5,525
Number of case studies submitted	225

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
284	266	295	331	410

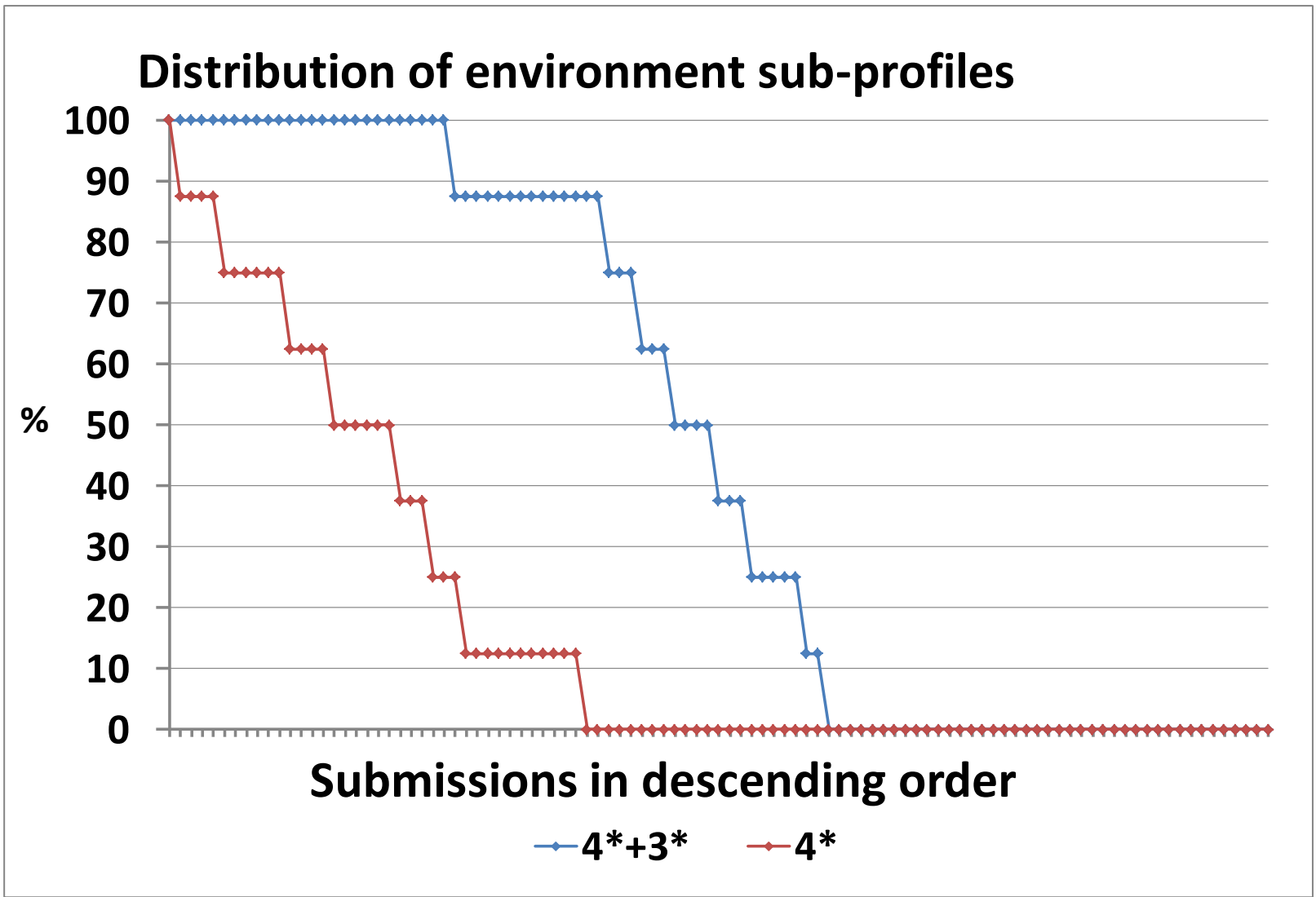
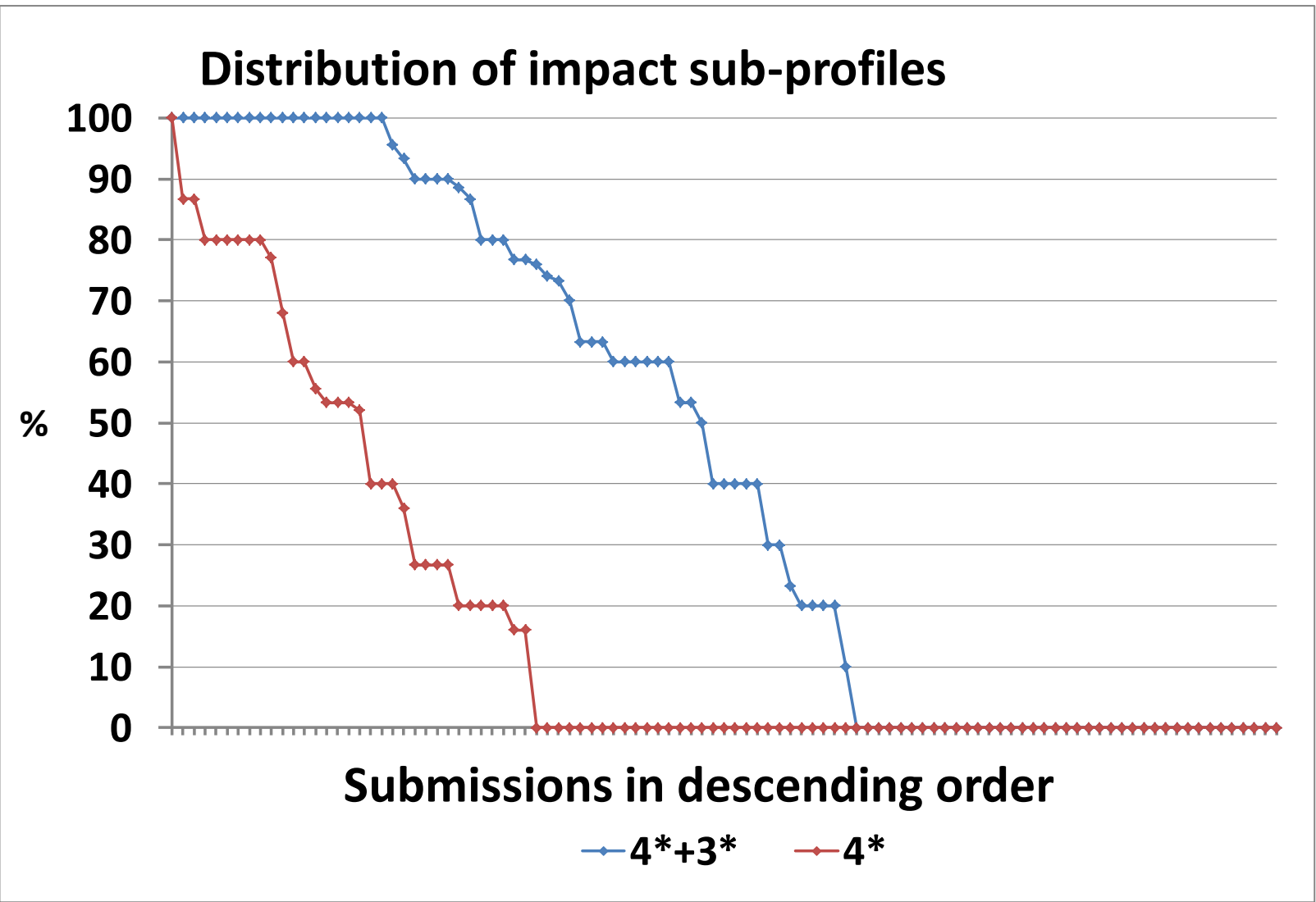
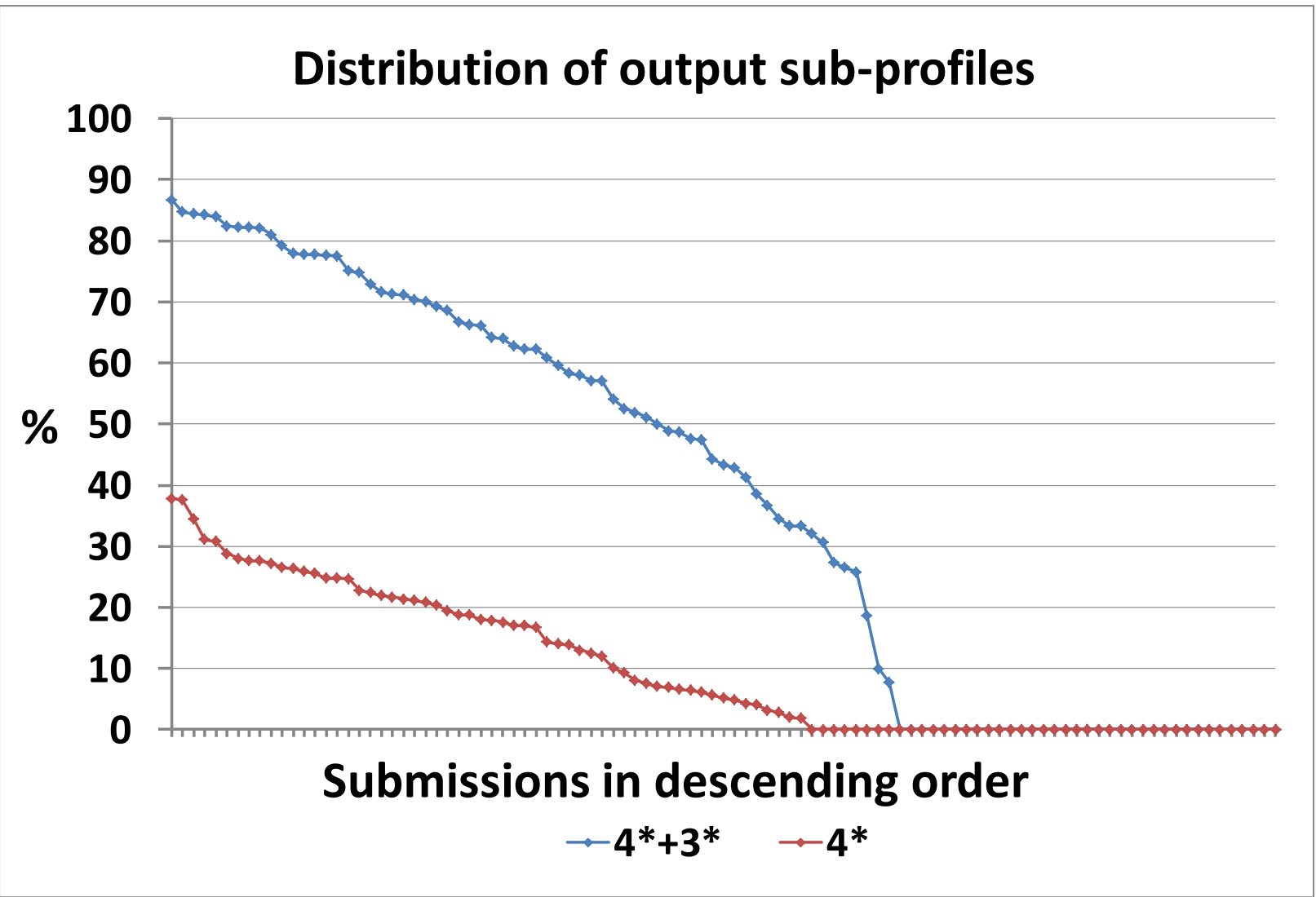
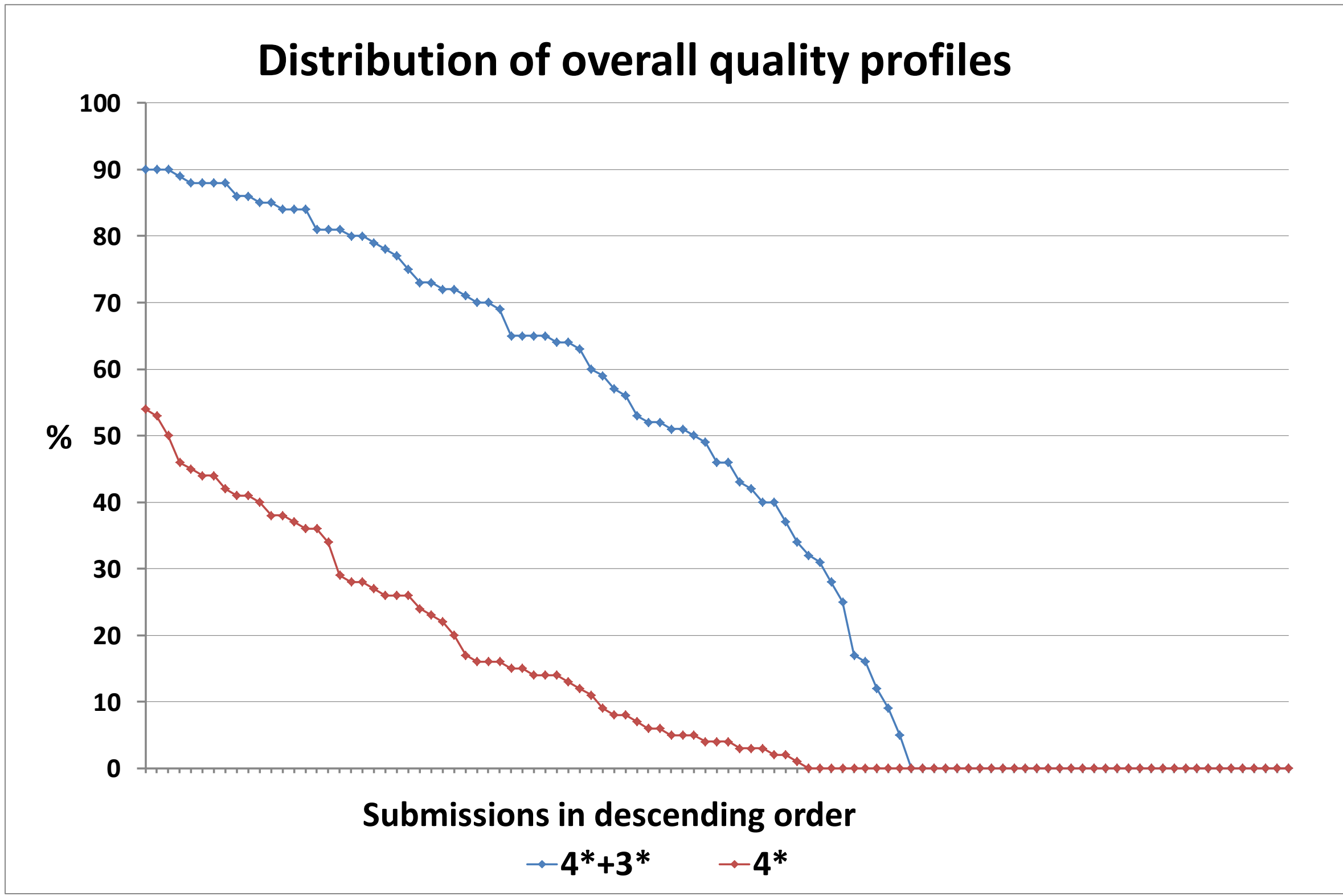
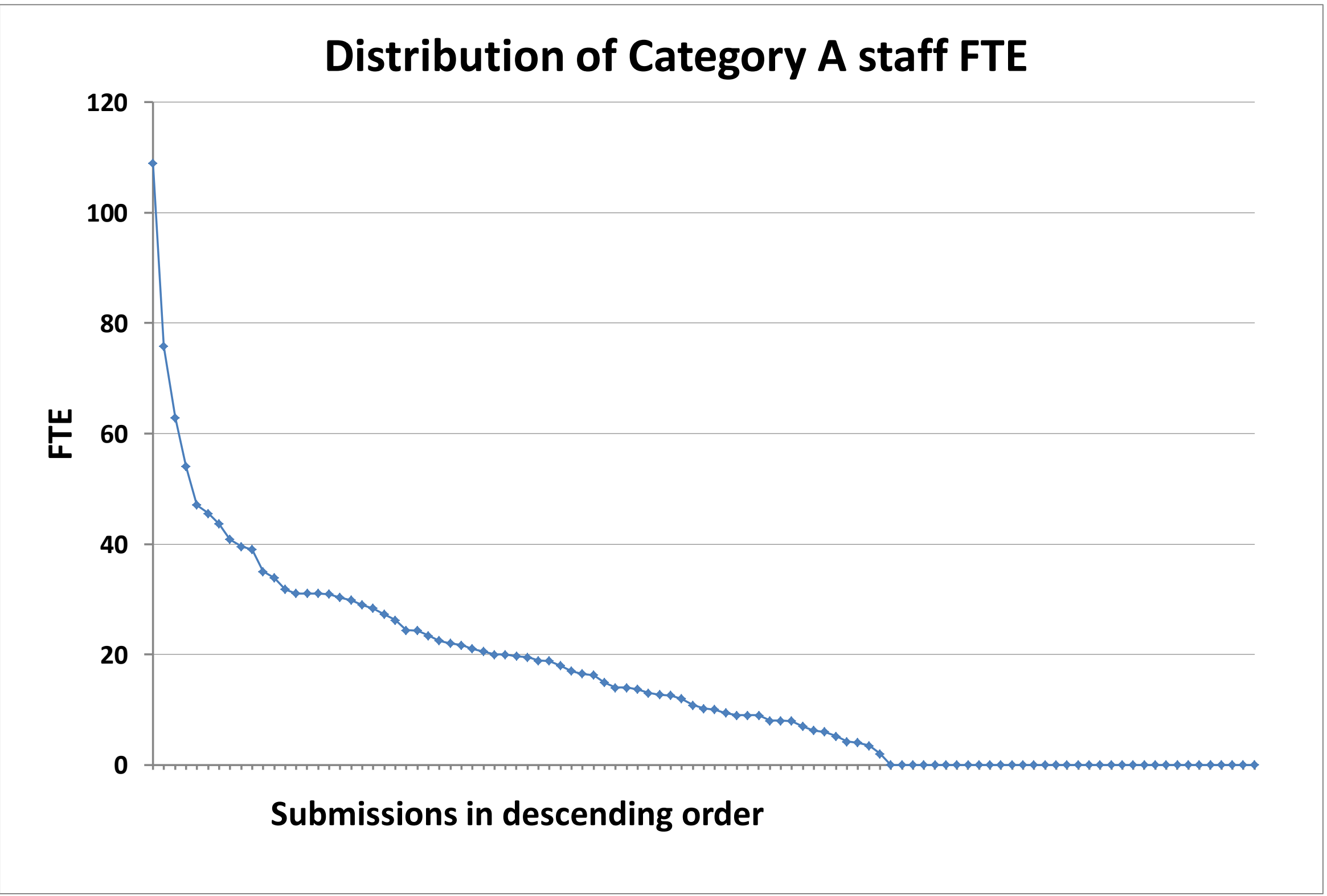
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
12.54	15.45	15.24	15.51	16.05



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	27	46	23	4	0
Outputs	20.1	47.1	28.7	3.7	0.4
Impact	38.3	41.1	17.7	2.4	0.5
Environment	43.6	43.1	11.7	1.6	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.



REF 2014: Unit of assessment summary data

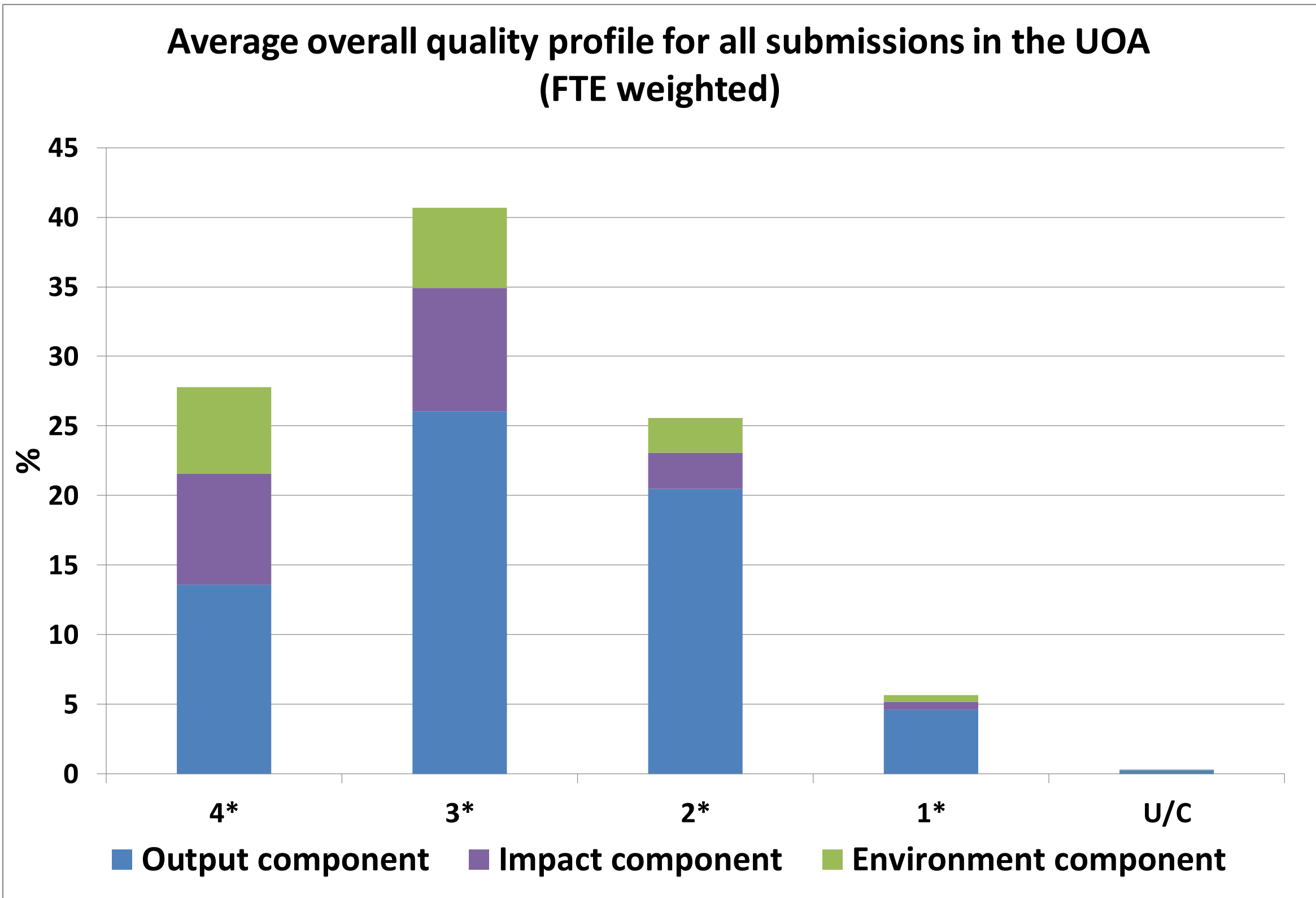
UOA 21: Politics and International Studies

Submission information

Number of submissions	56
Category A FTE staff submitted	1,275
Headcounts of category A and C staff submitted	1,321
Headcounts of early career researchers (REF1a)	318
Number of outputs submitted	4,367
Number of case studies submitted	181

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
372	437	468	425	495

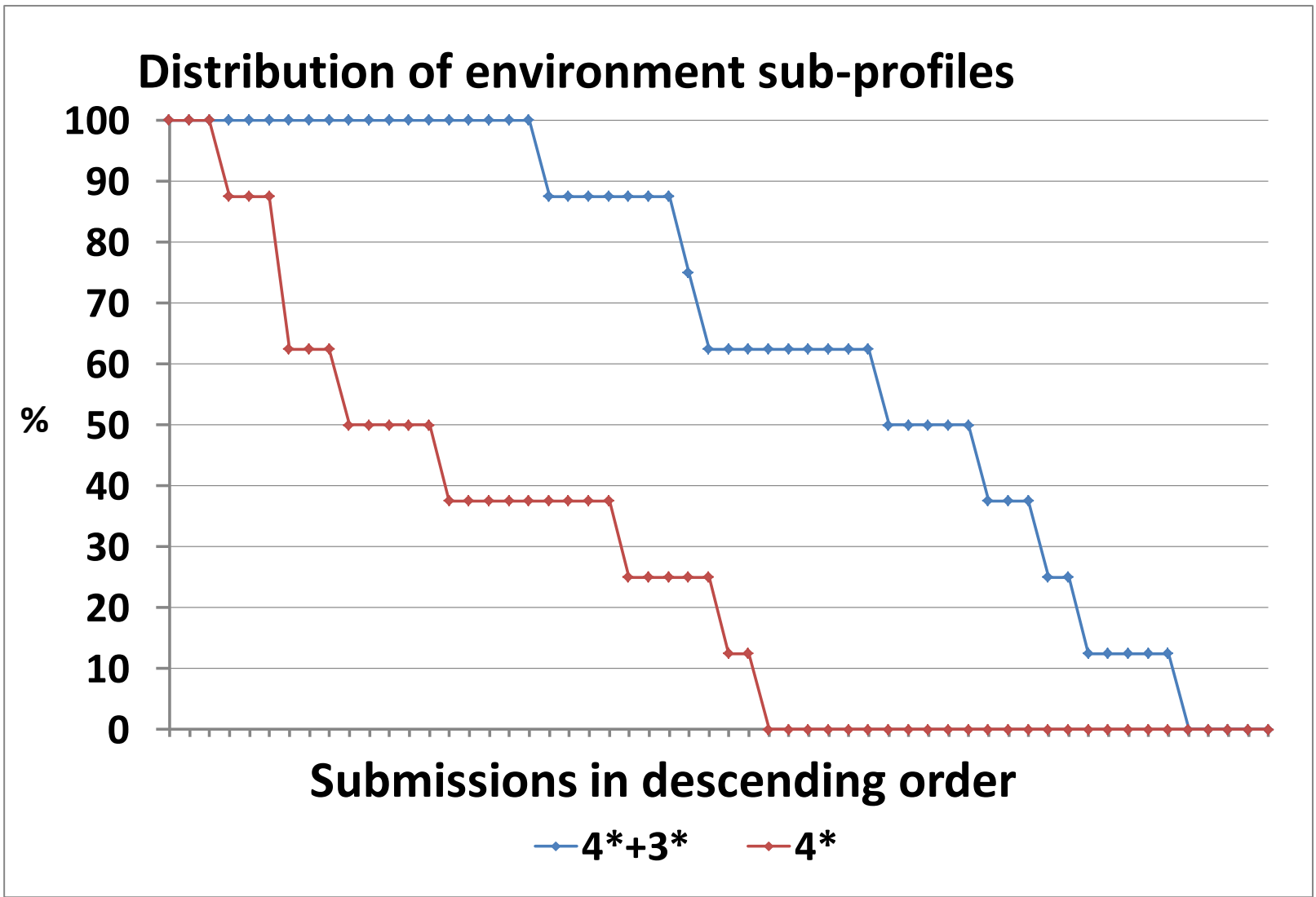
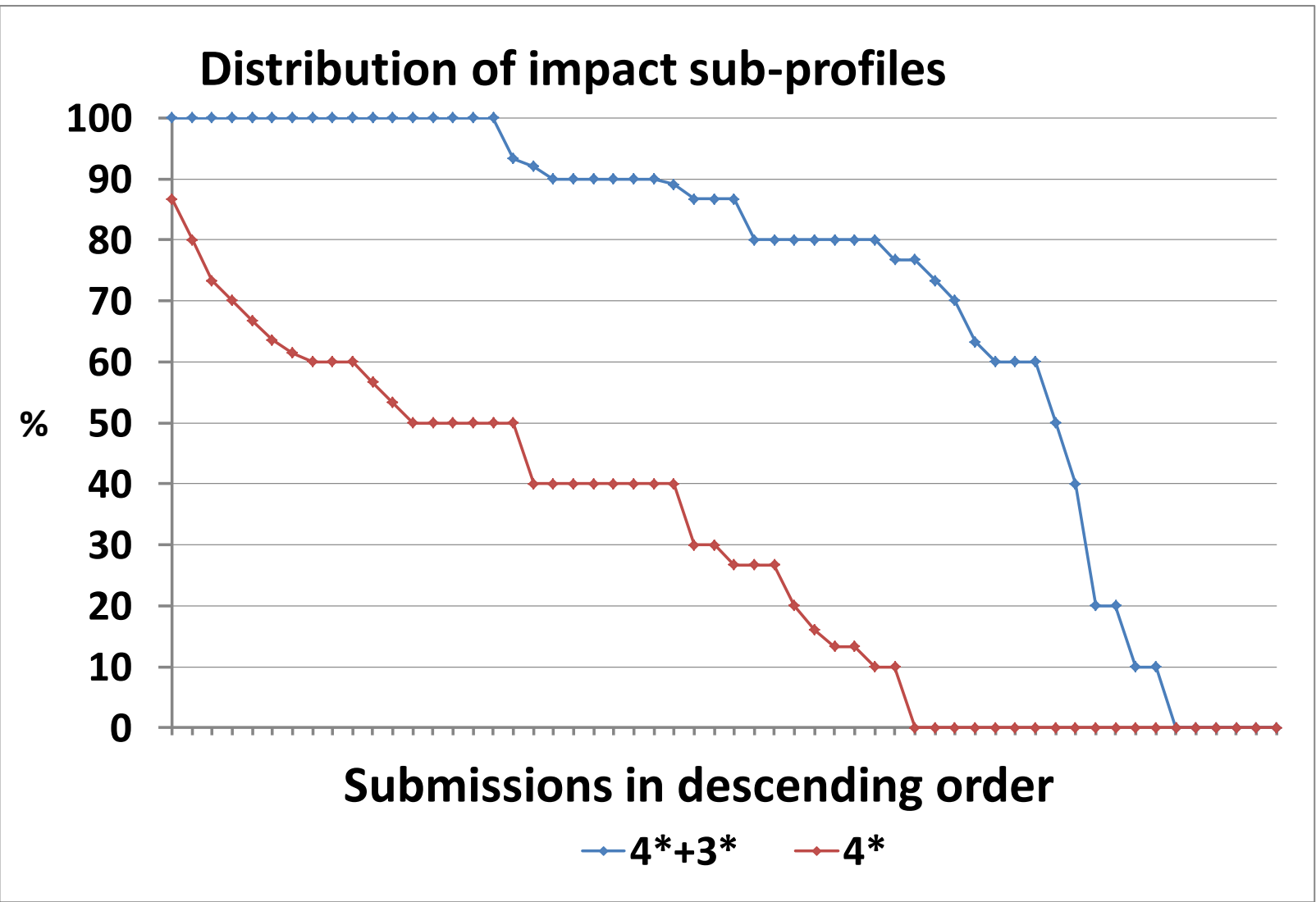
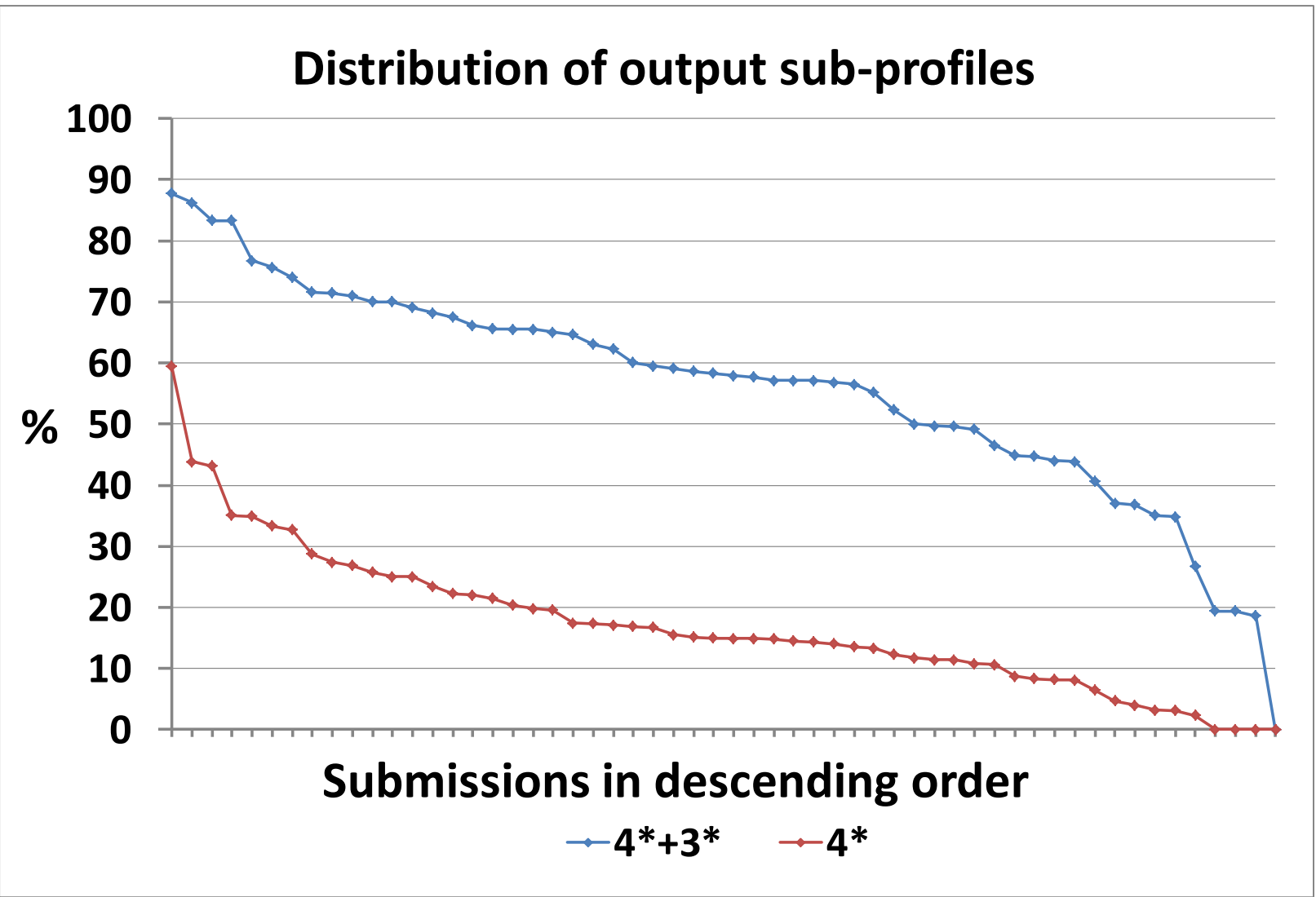
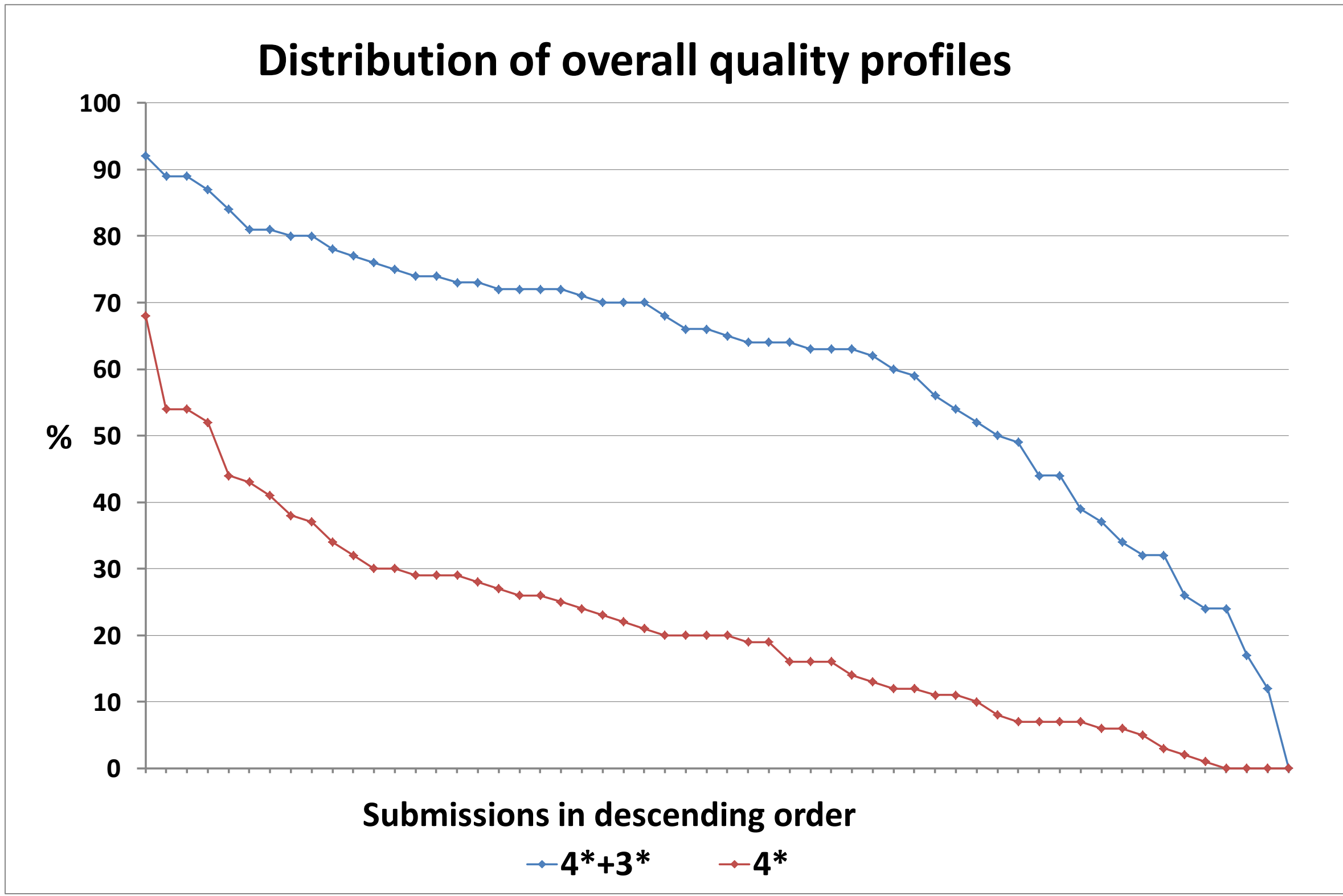
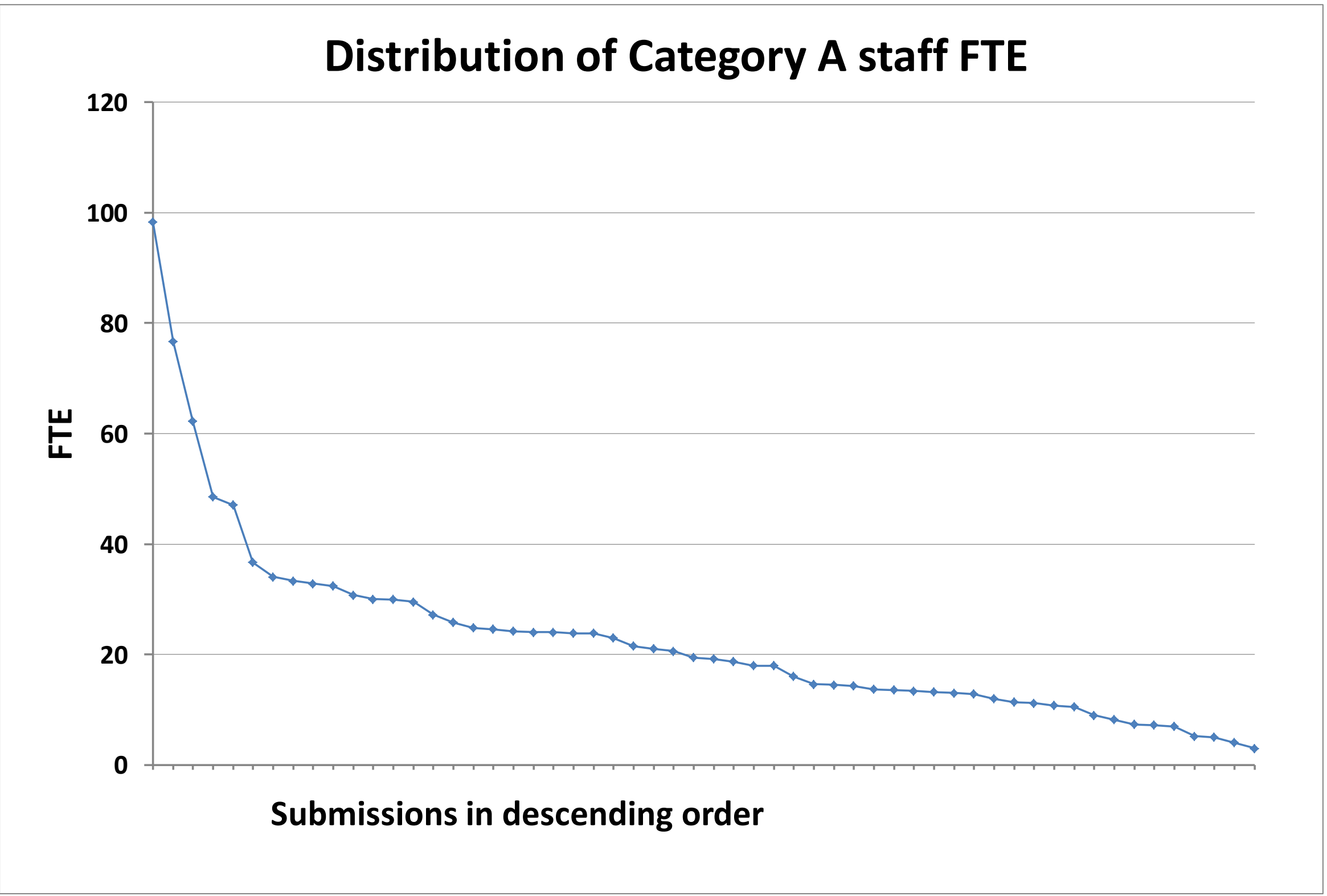
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
27.48	28.44	28.33	27.18	27.48



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	28	40	26	6	0
Outputs	20.9	40.1	31.5	7.1	0.4
Impact	40	44.2	13.1	2.7	0
Environment	41.3	38.6	16.5	3.2	0.4

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.

REF 2014: Unit of assessment summary data

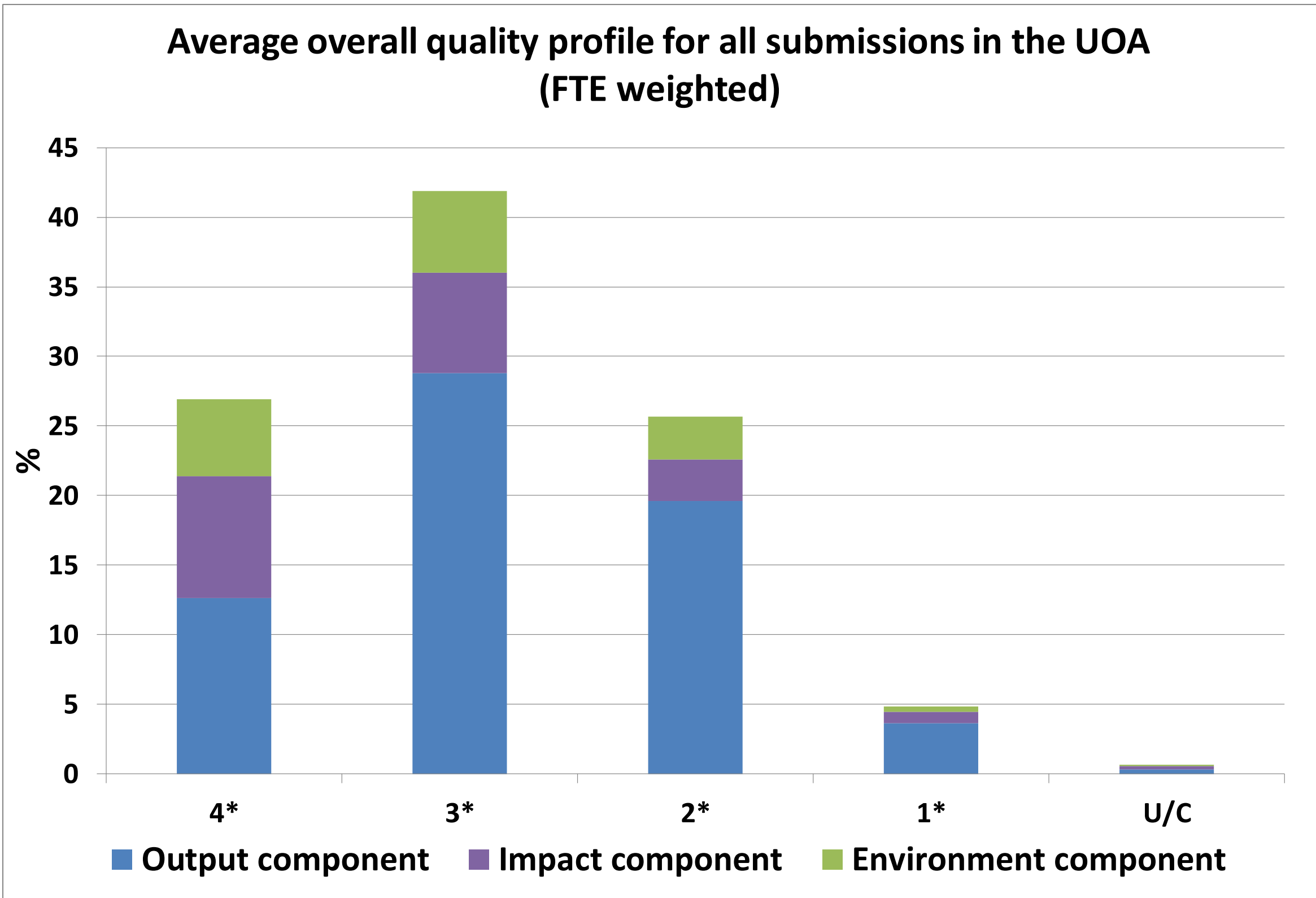
UOA 22: Social Work and Social Policy

Submission information

Number of submissions	62
Category A FTE staff submitted	1,302
Headcounts of category A and C staff submitted	1,408
Headcounts of early career researchers (REF1a)	240
Number of outputs submitted	4,784
Number of case studies submitted	190

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
261	299	282	344	359

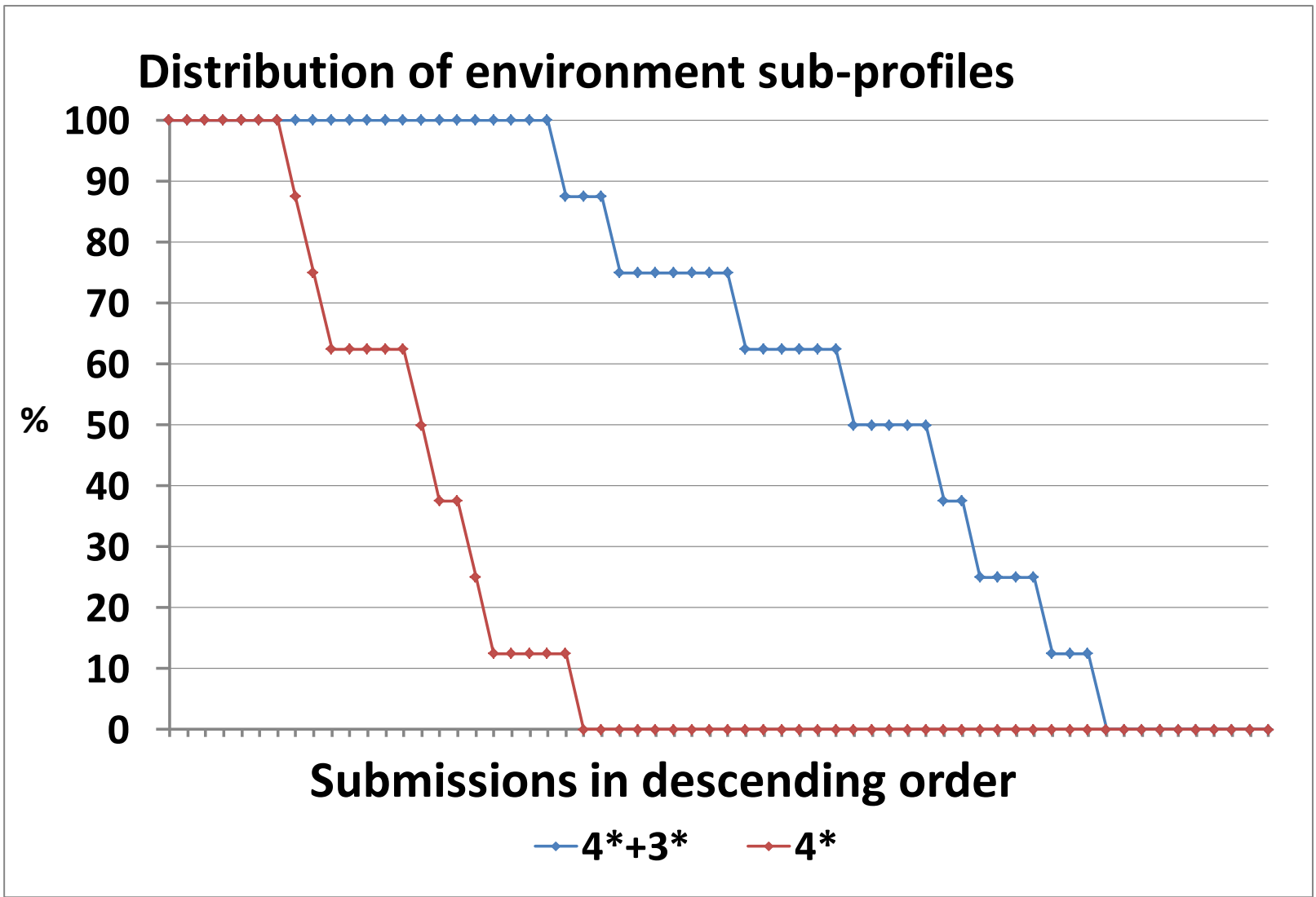
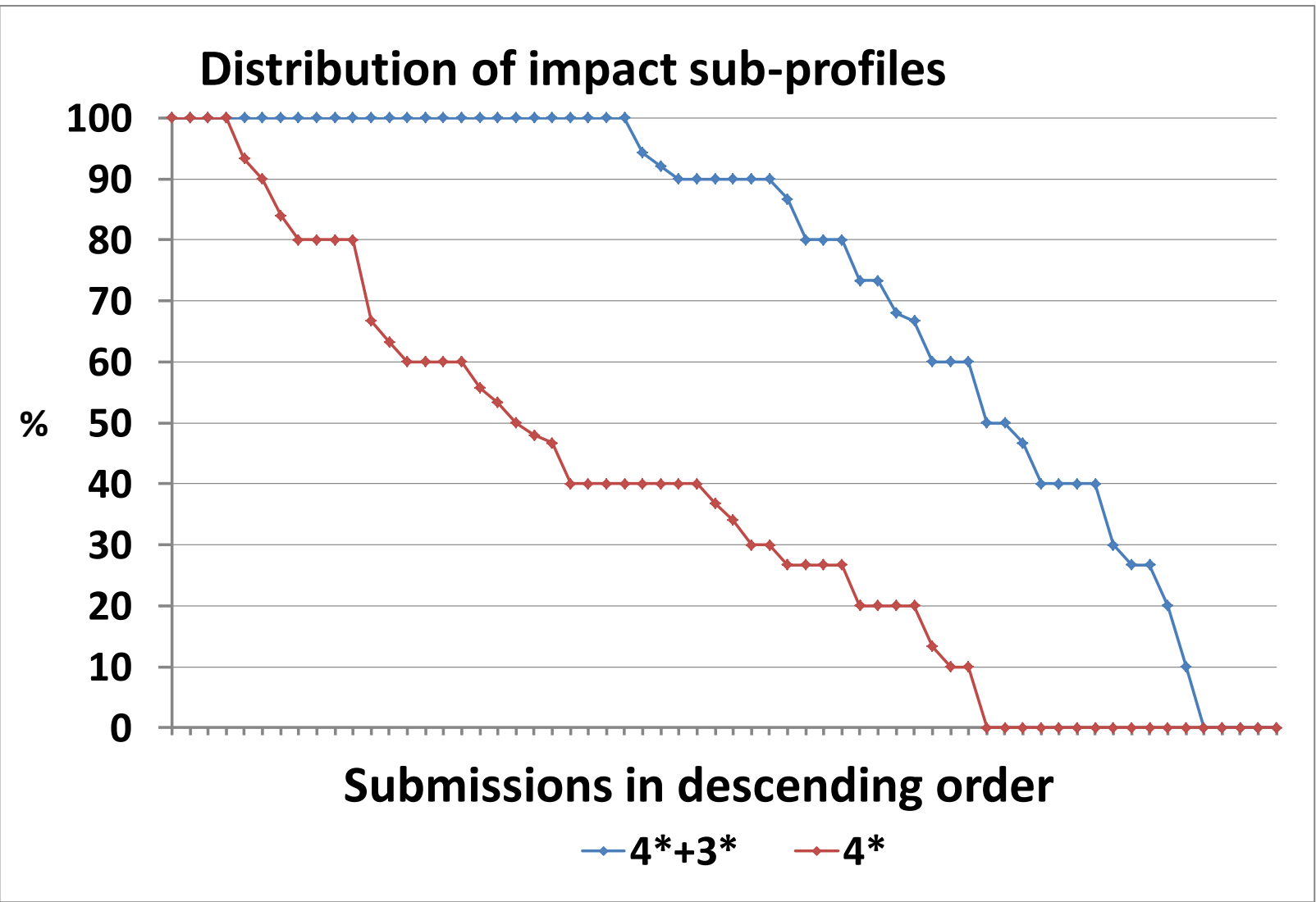
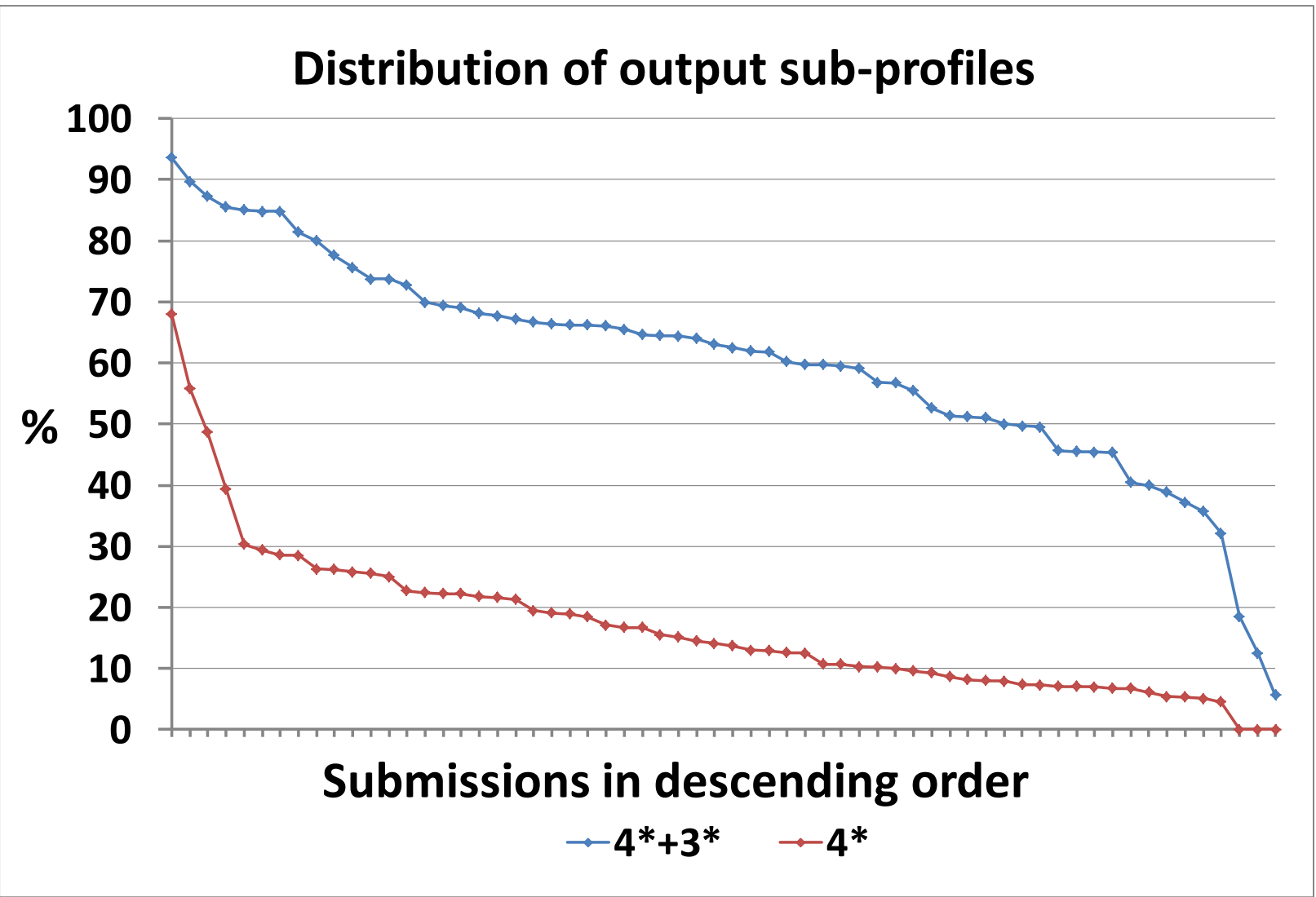
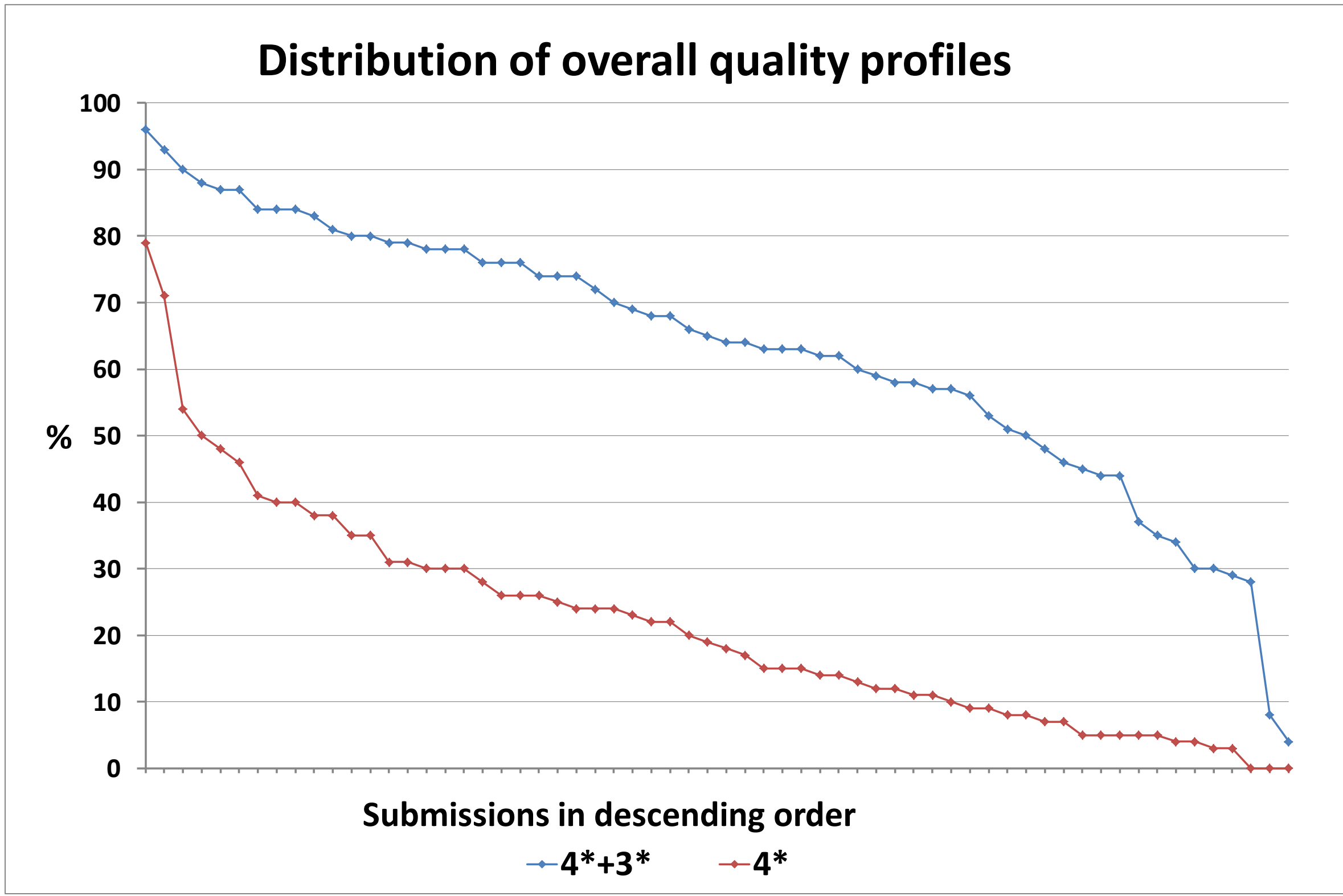
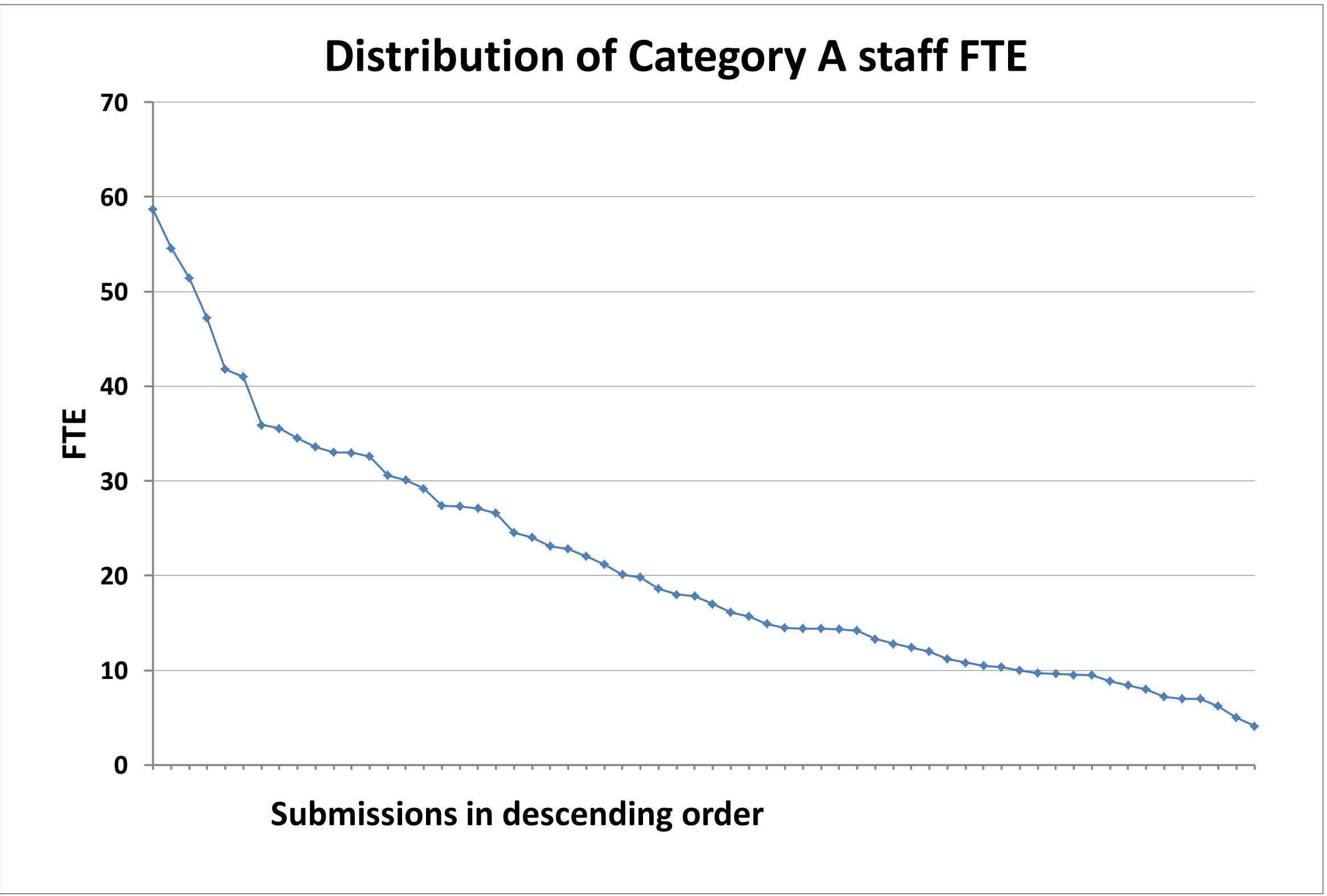
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
47.94	50.97	50.52	46.26	48.50



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	27	42	25	5	1
Outputs	19.4	44.3	30.2	5.6	0.5
Impact	43.8	36	14.9	4.1	1.2
Environment	36.9	39.3	20.5	2.6	0.7

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.



REF 2014: Unit of assessment summary data

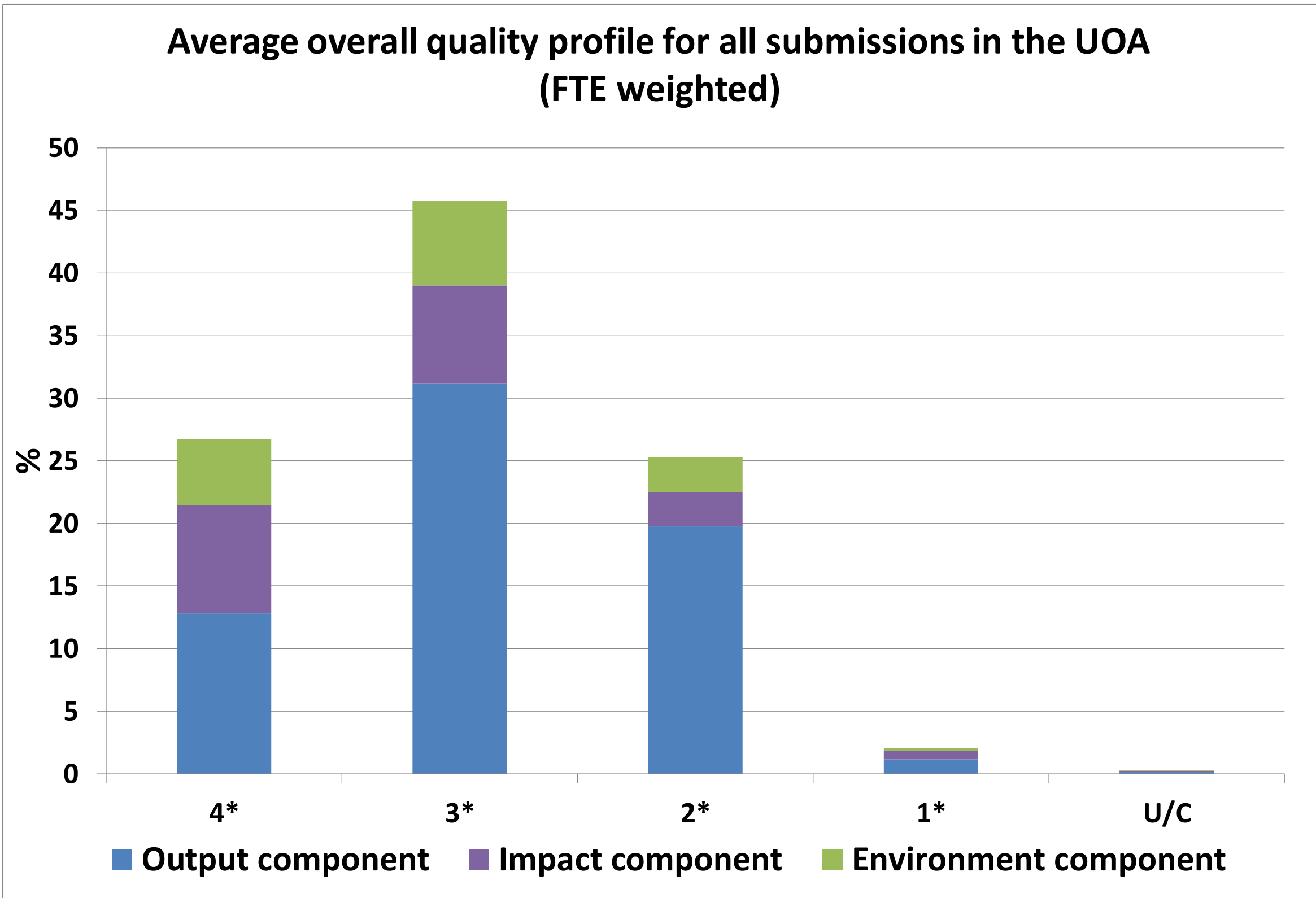
UOA 23: Sociology

Submission information

Number of submissions	29
Category A FTE staff submitted	704
Headcounts of category A and C staff submitted	764
Headcounts of early career researchers (REF1a)	137
Number of outputs submitted	2,630
Number of case studies submitted	100

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
216	218	229	273	265

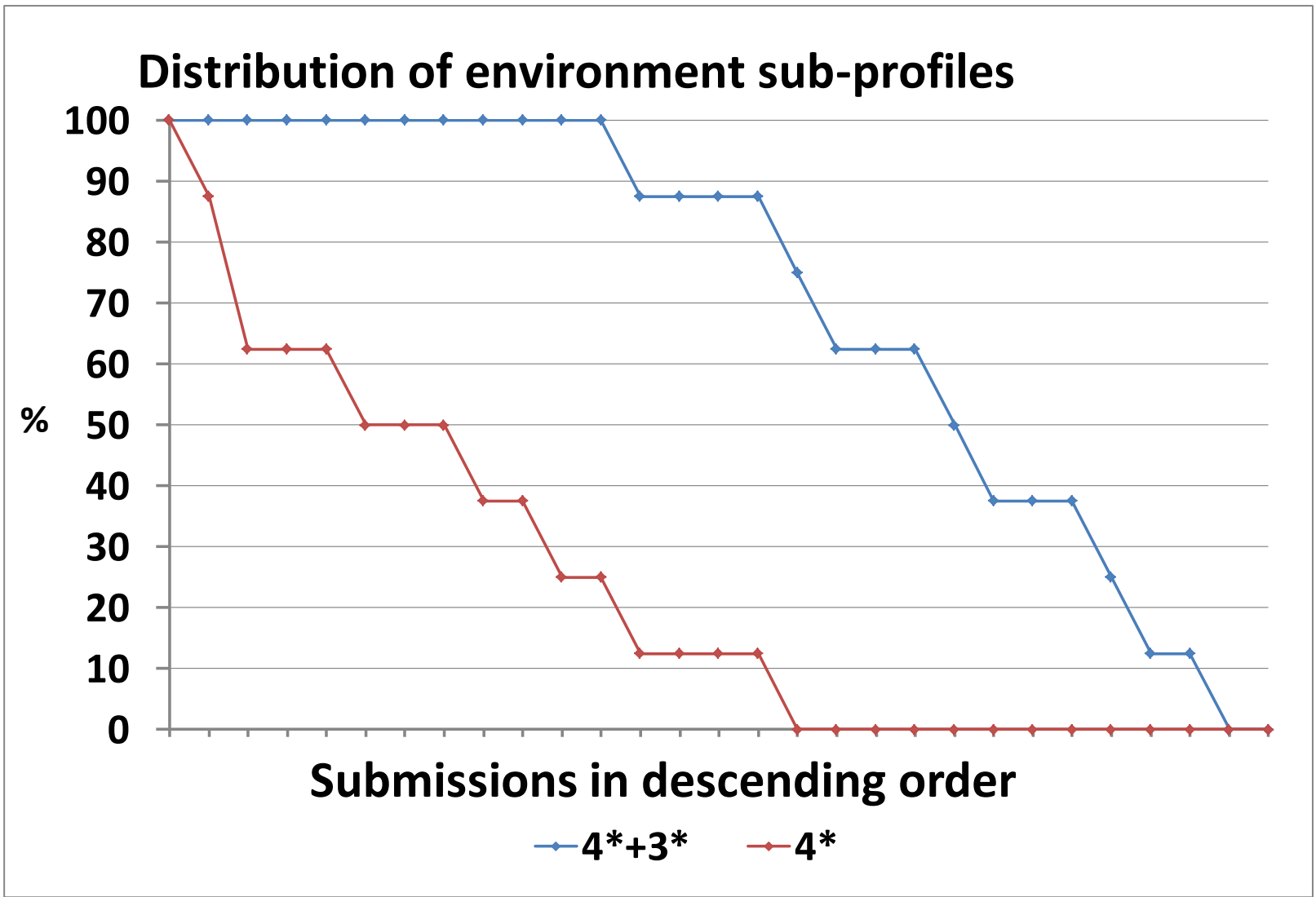
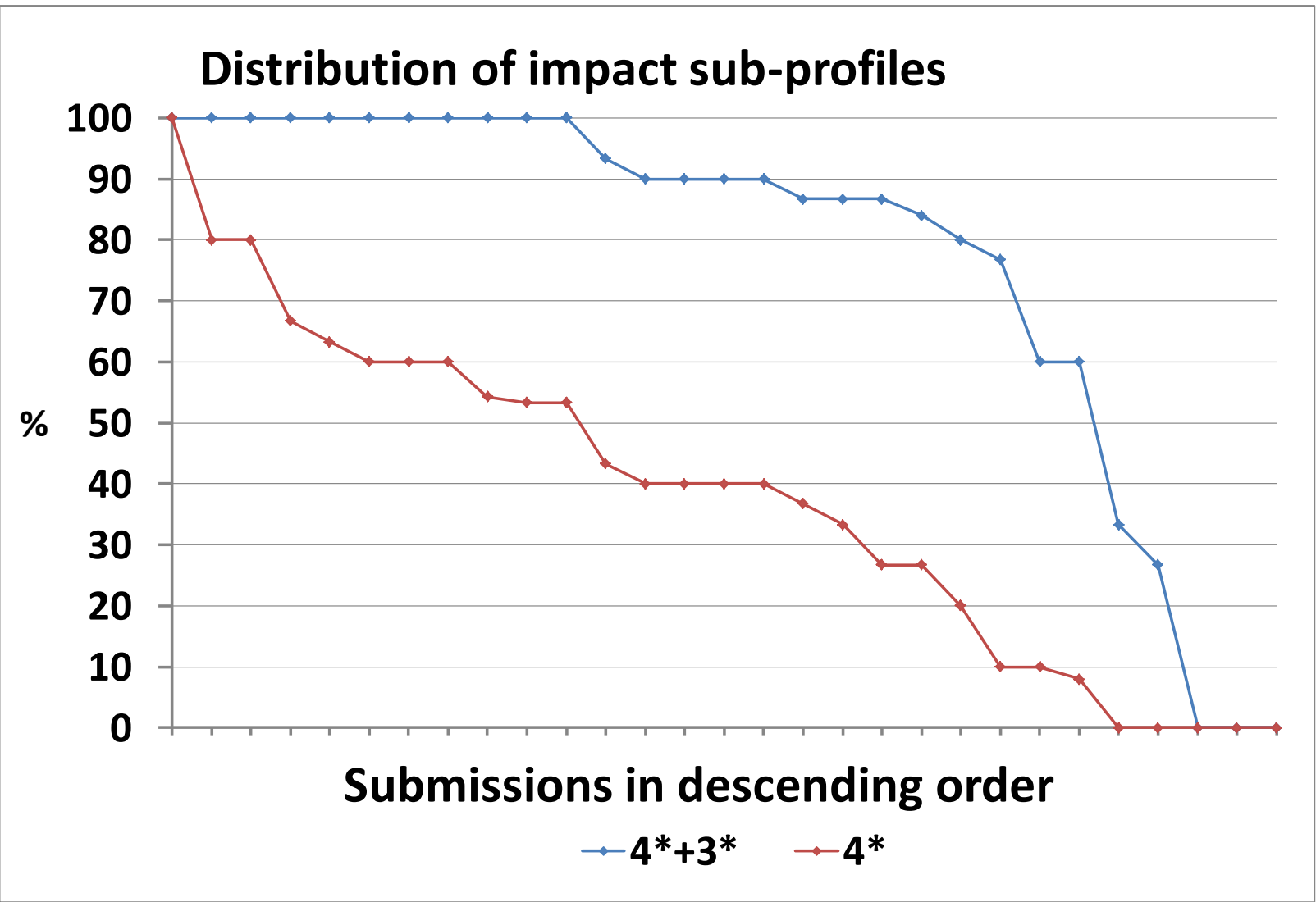
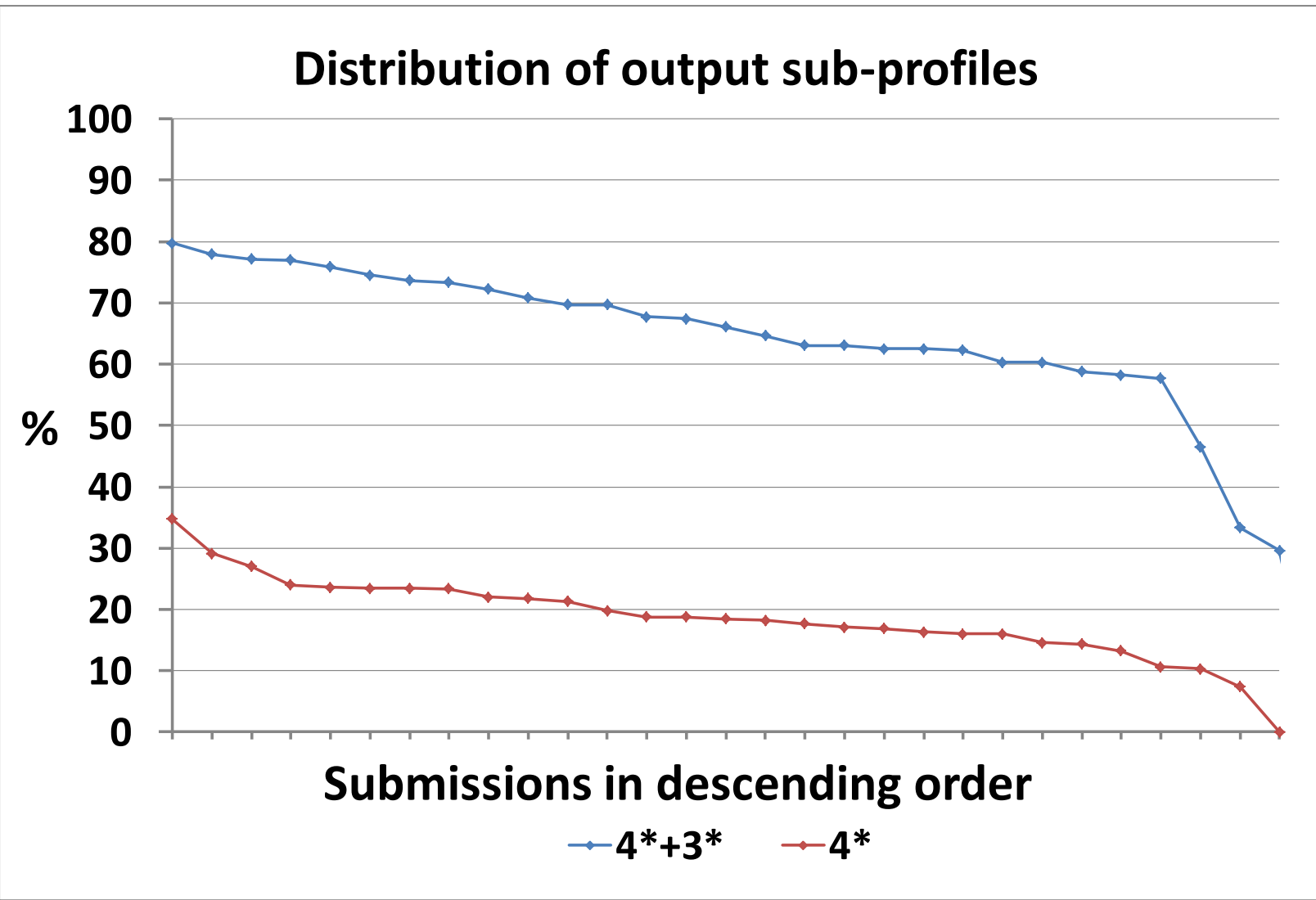
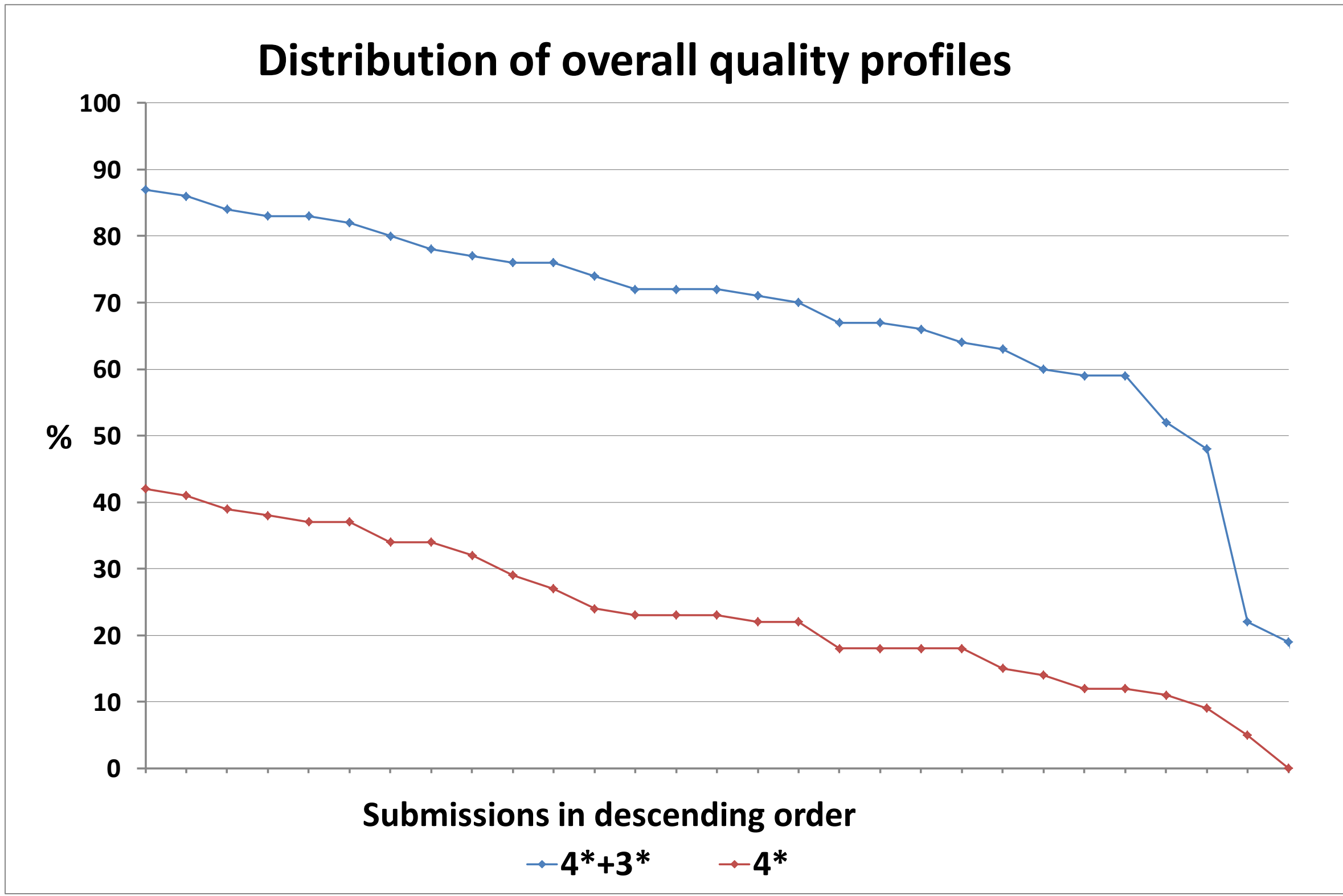
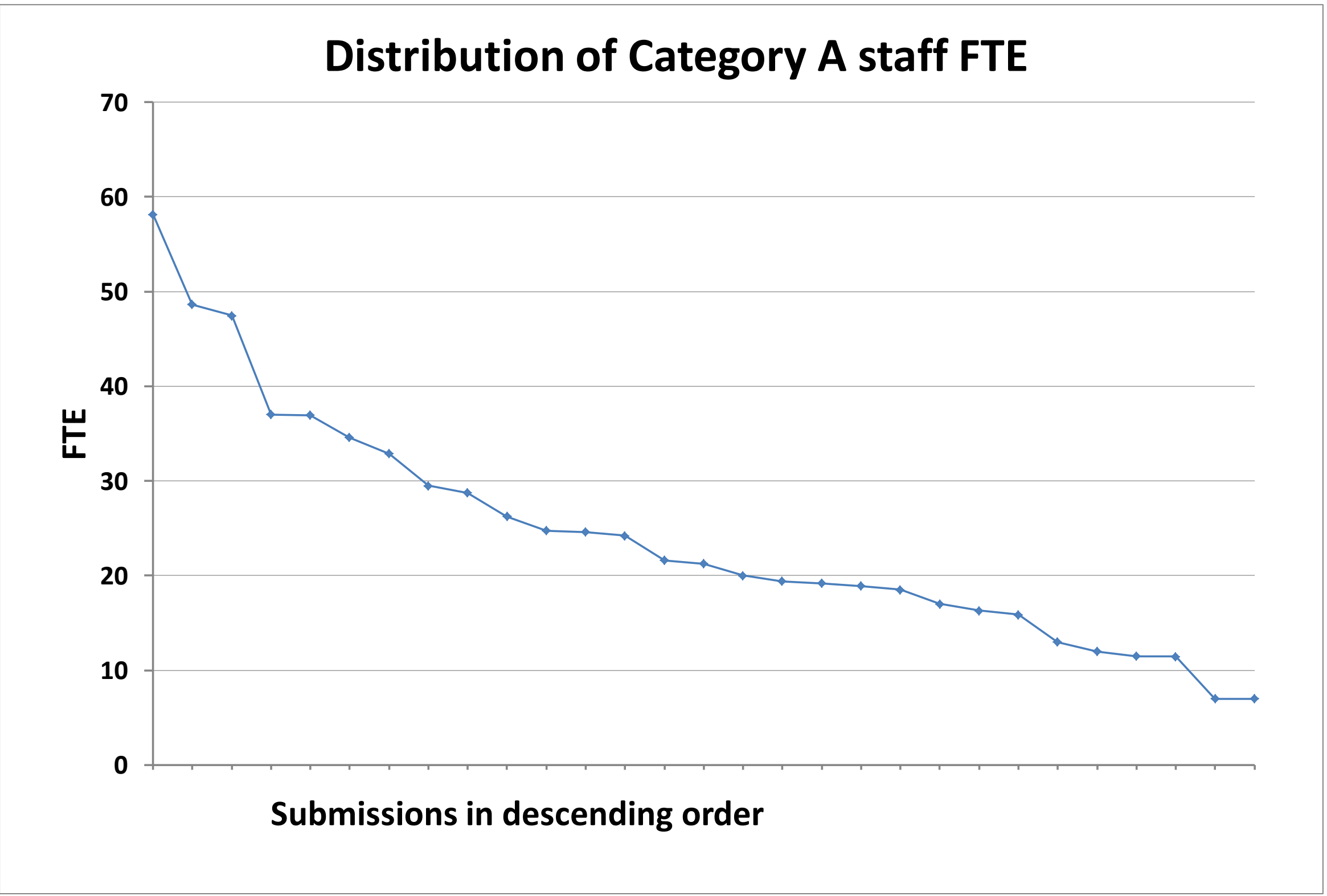
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
32.12	32.44	33.10	30.49	29.25



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	27	45	26	2	0
Outputs	19.7	47.9	30.4	1.8	0.2
Impact	43.2	39.4	13.6	3.3	0.5
Environment	35.1	44.9	18.5	1.4	0.1

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup> Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.

REF 2014: Unit of assessment summary data

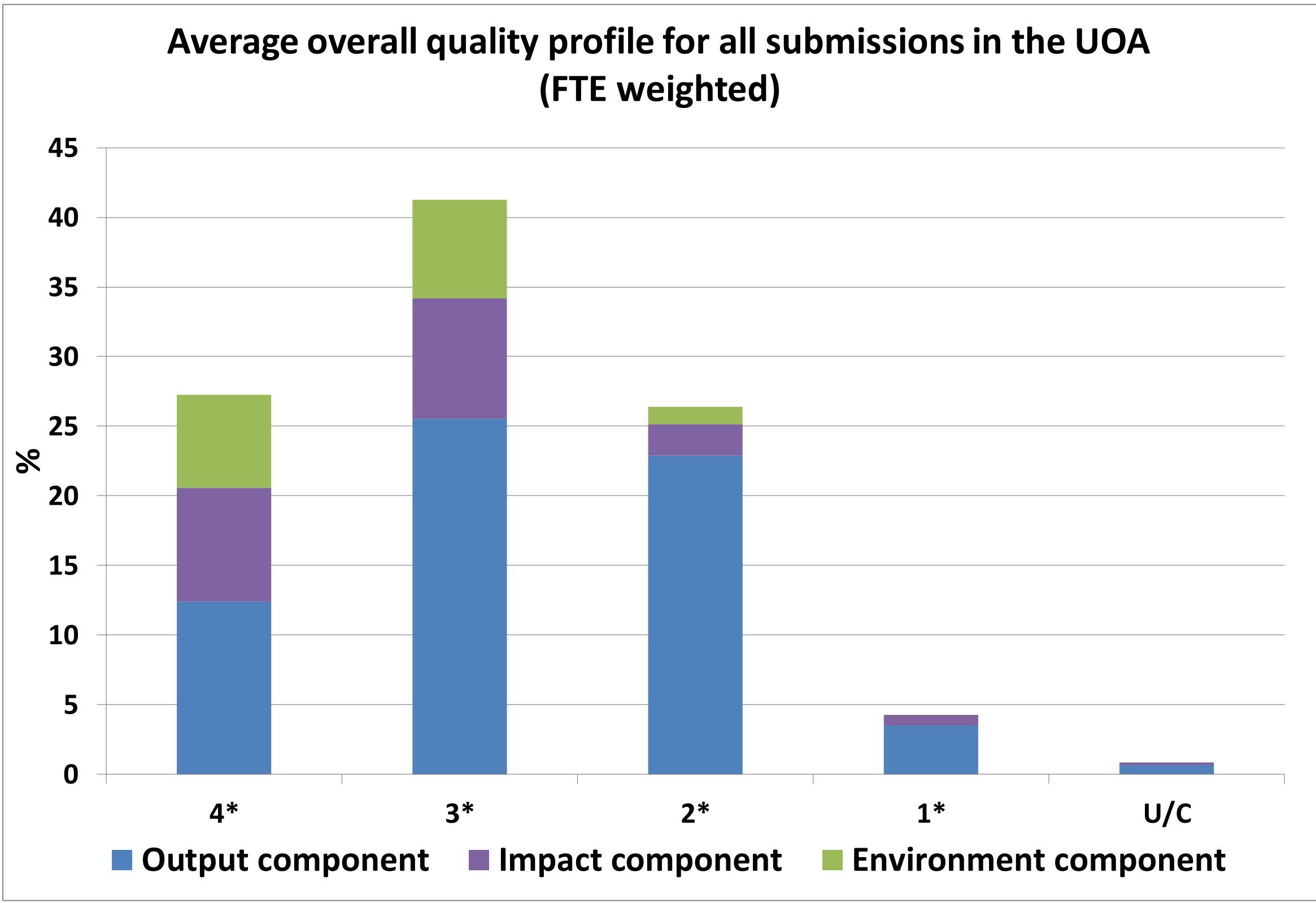
UOA 24: Anthropology and Development Studies

Submission information

Number of submissions	25
Category A FTE staff submitted	562
Headcounts of category A and C staff submitted	603
Headcounts of early career researchers (REF1a)	114
Number of outputs submitted	2,015
Number of case studies submitted	80

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
171	210	229	237	282

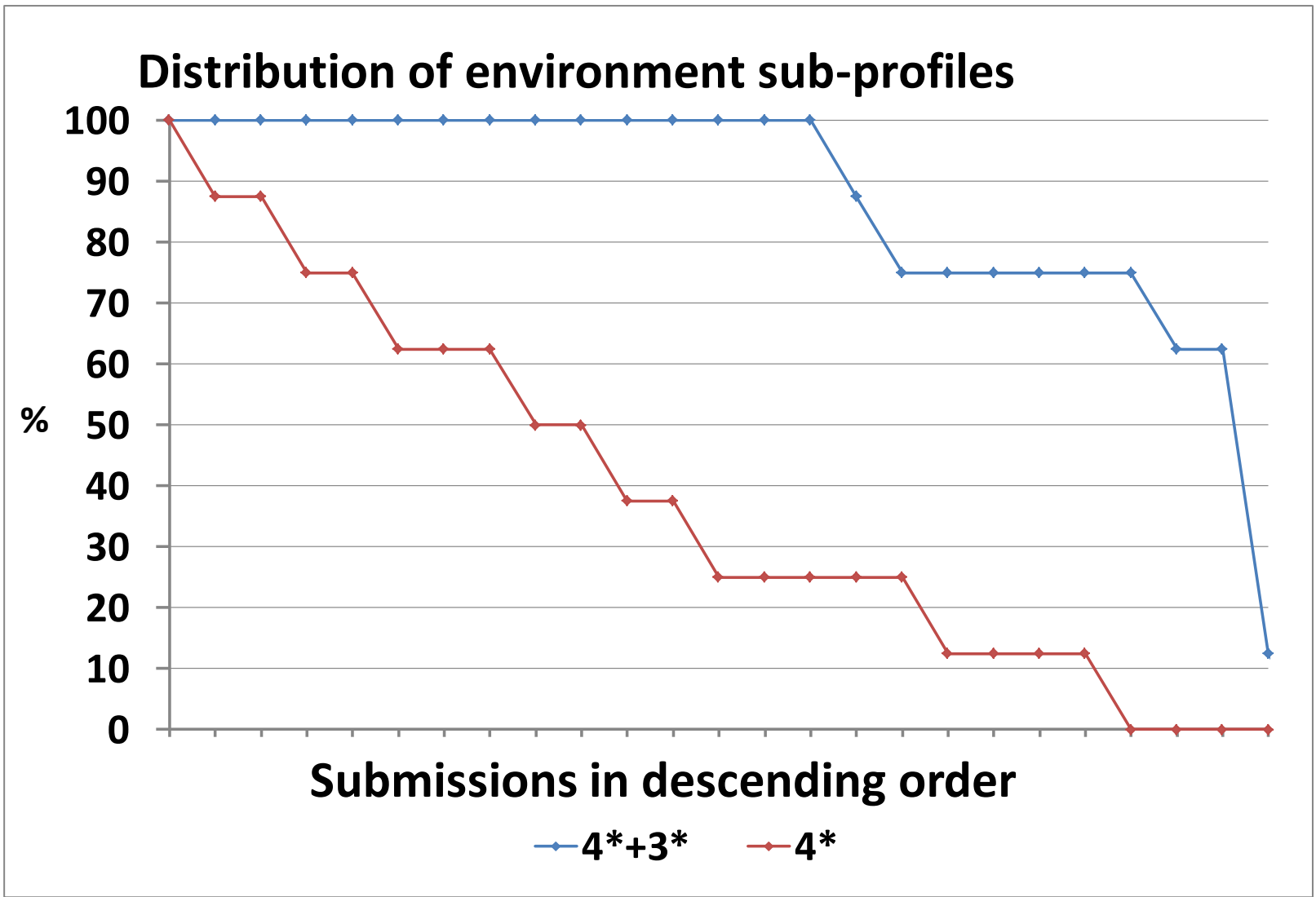
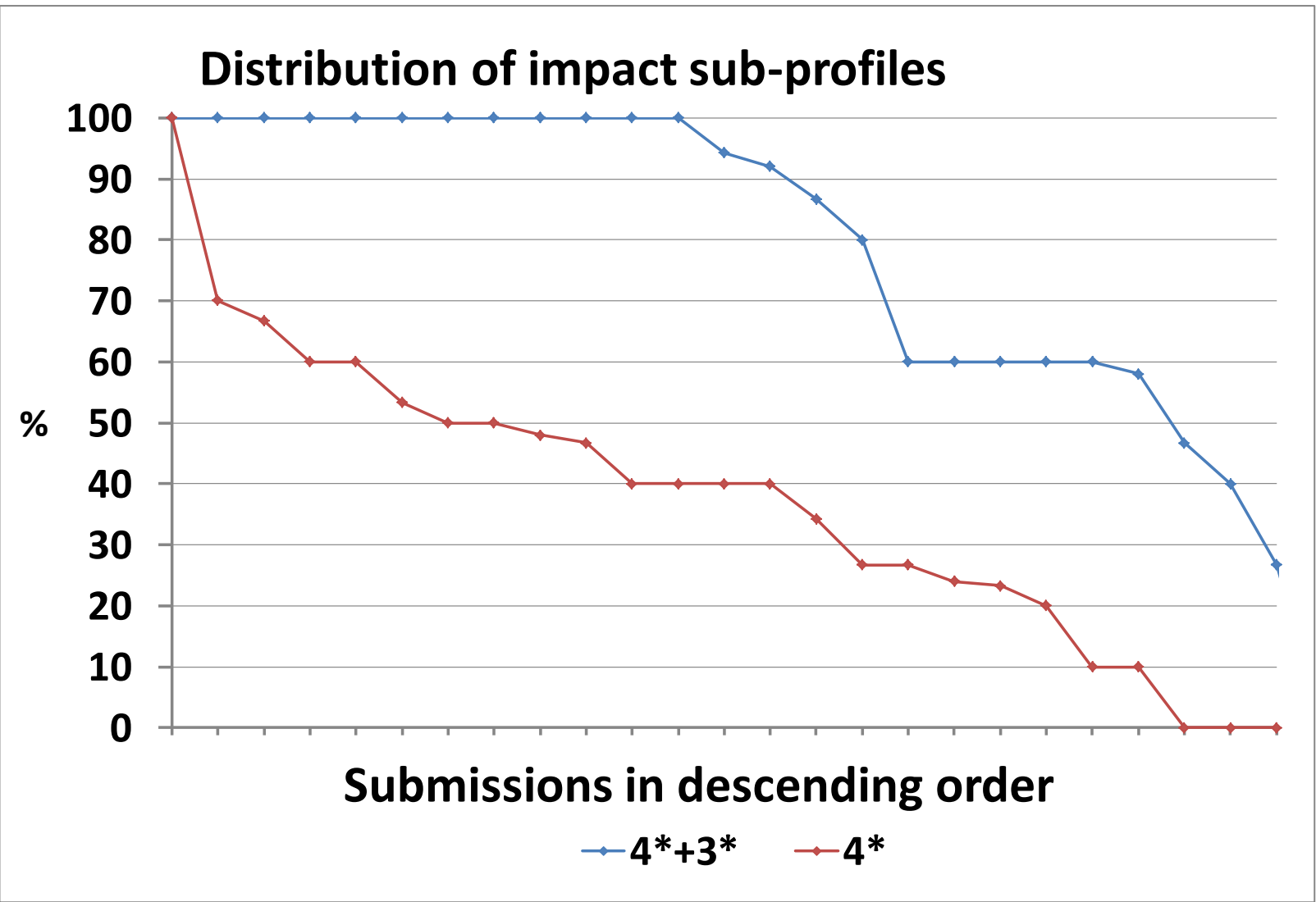
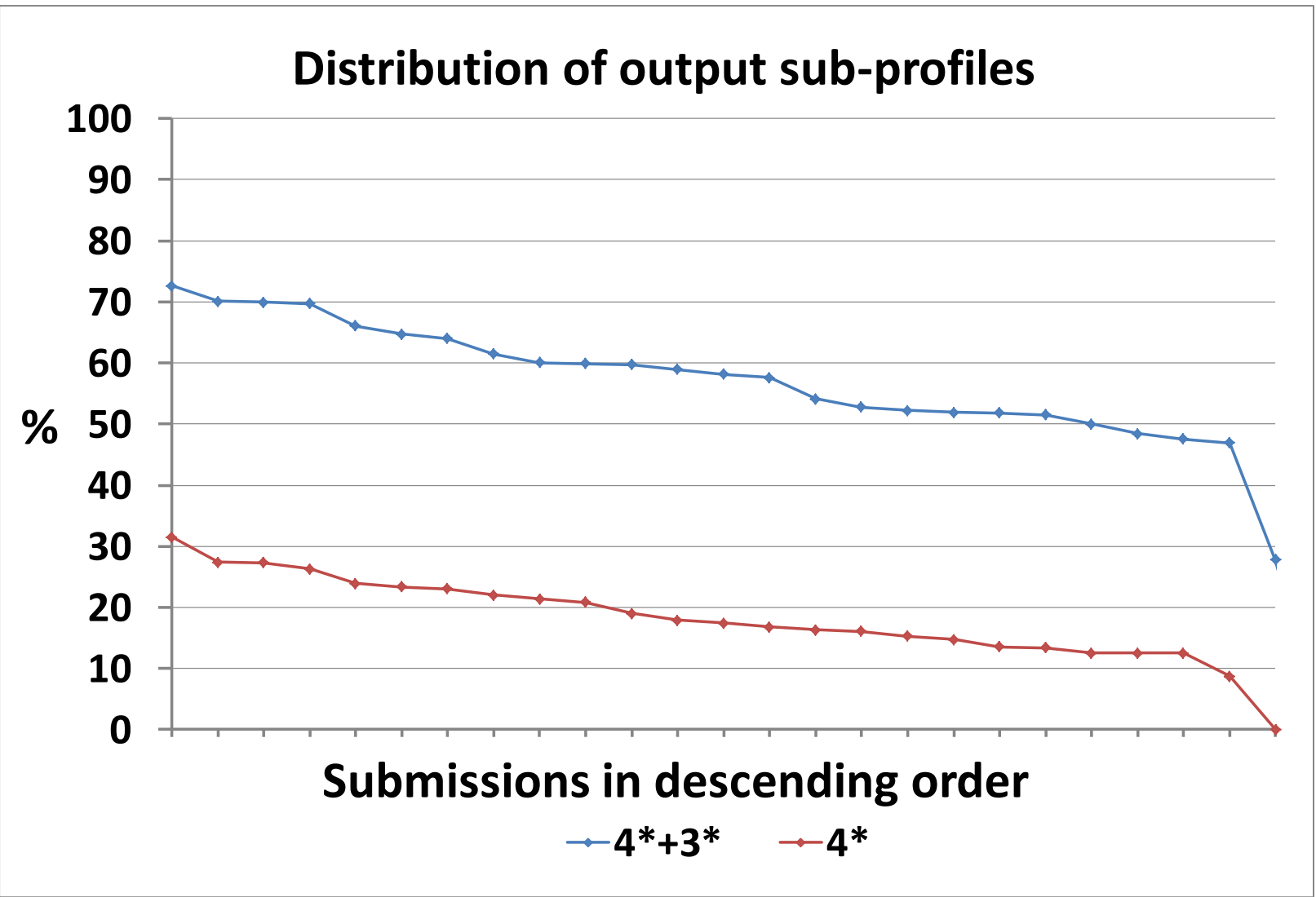
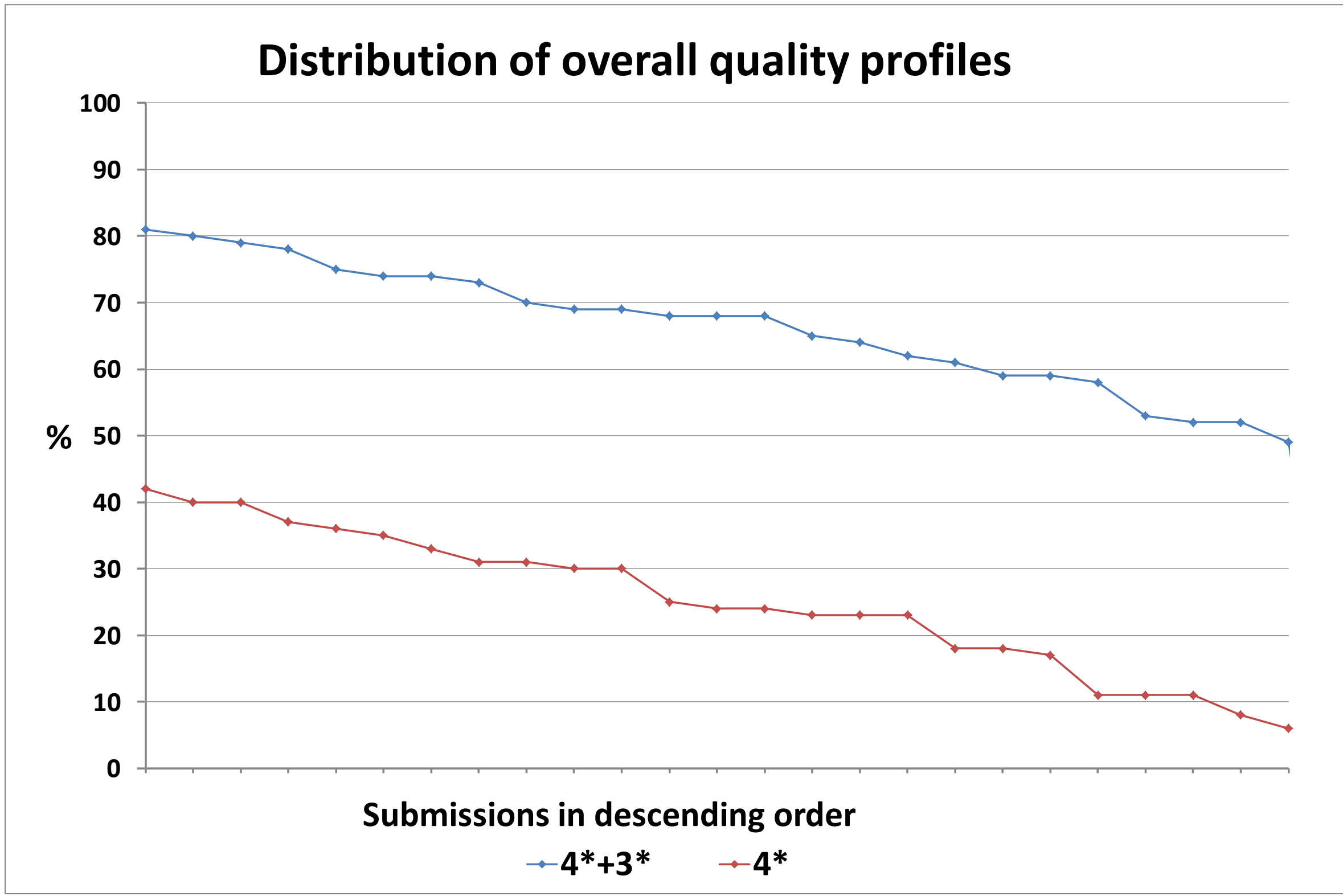
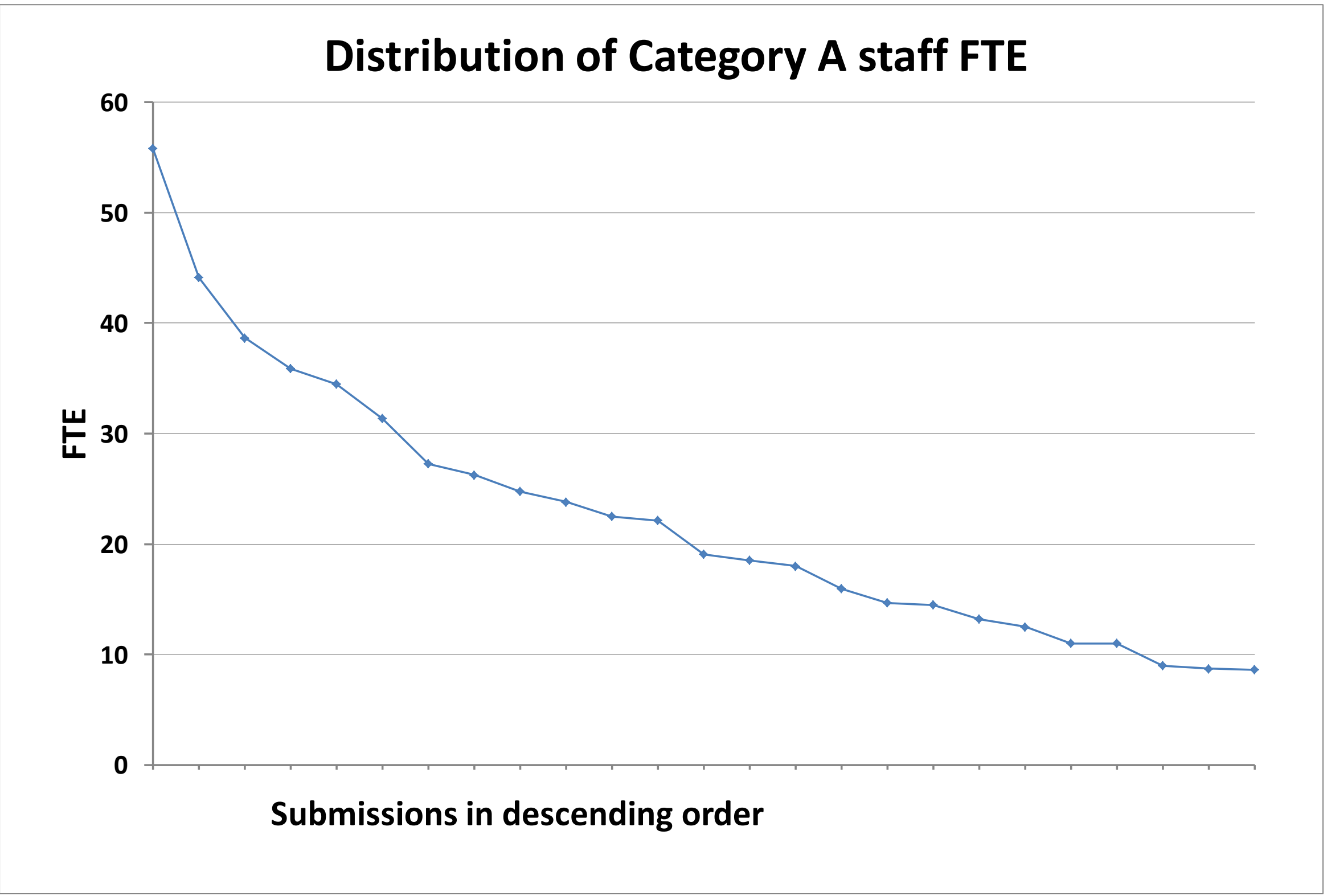
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
23.77	26.42	25.47	26.20	27.23



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	27	42	26	4	1
Outputs	19.1	39.3	35.2	5.4	1
Impact	40.8	43.2	11.3	3.8	0.9
Environment	44.6	47	8.4	0	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.



REF 2014: Unit of assessment summary data

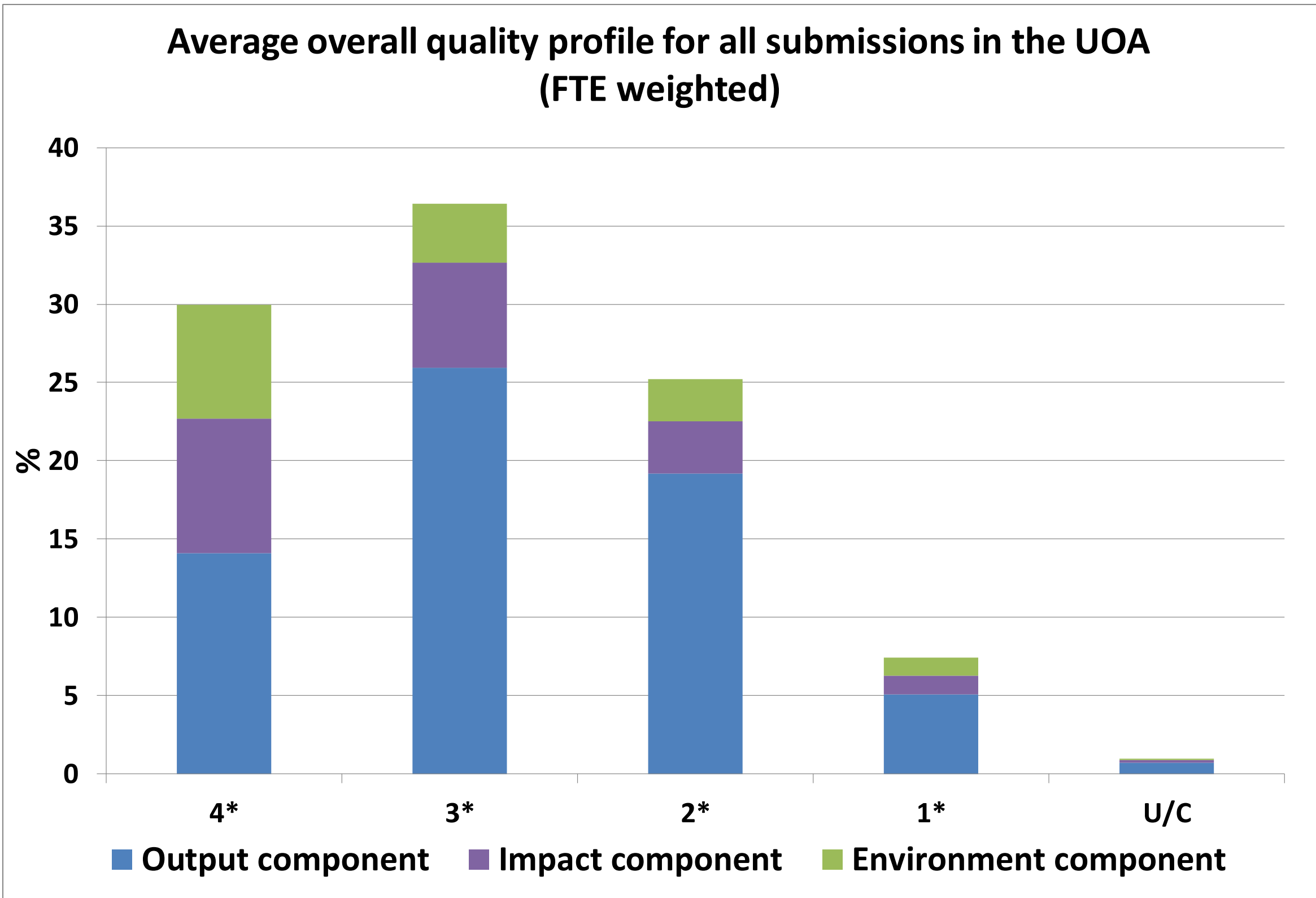
UOA 25: Education

Submission information

Number of submissions	76
Category A FTE staff submitted	1,442
Headcounts of category A and C staff submitted	1,606
Headcounts of early career researchers (REF1a)	224
Number of outputs submitted	5,526
Number of case studies submitted	218

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
533	747	776	716	852

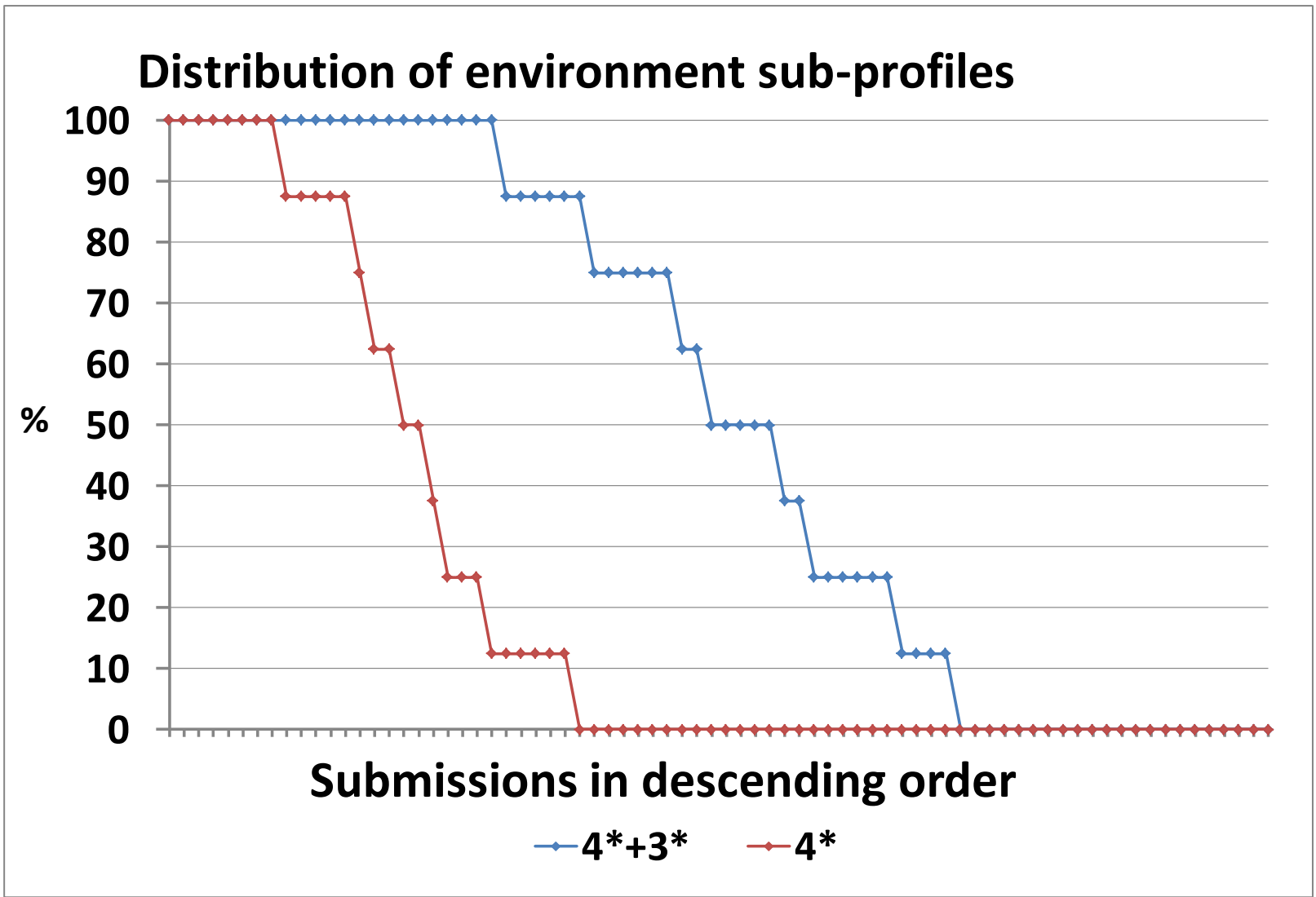
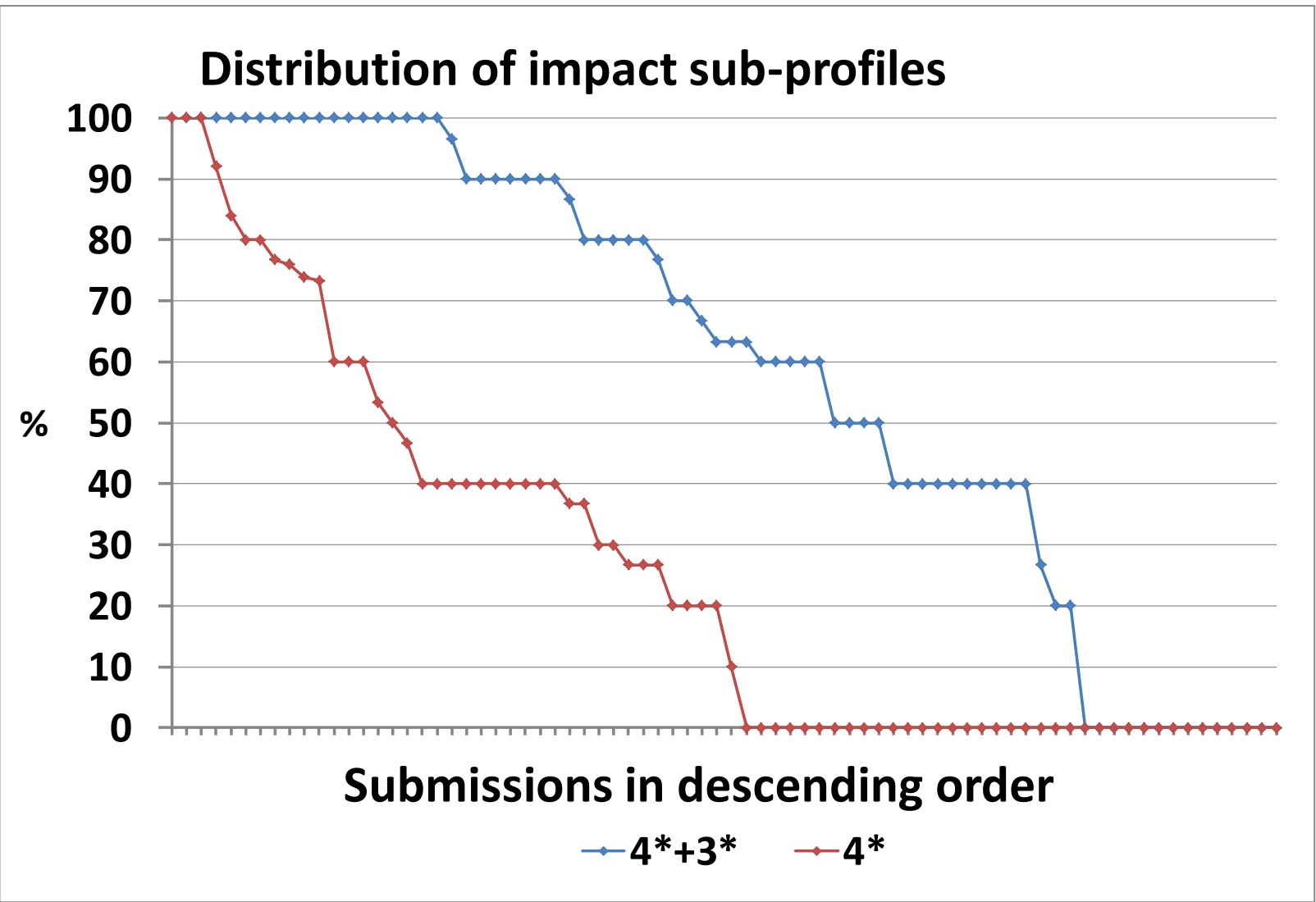
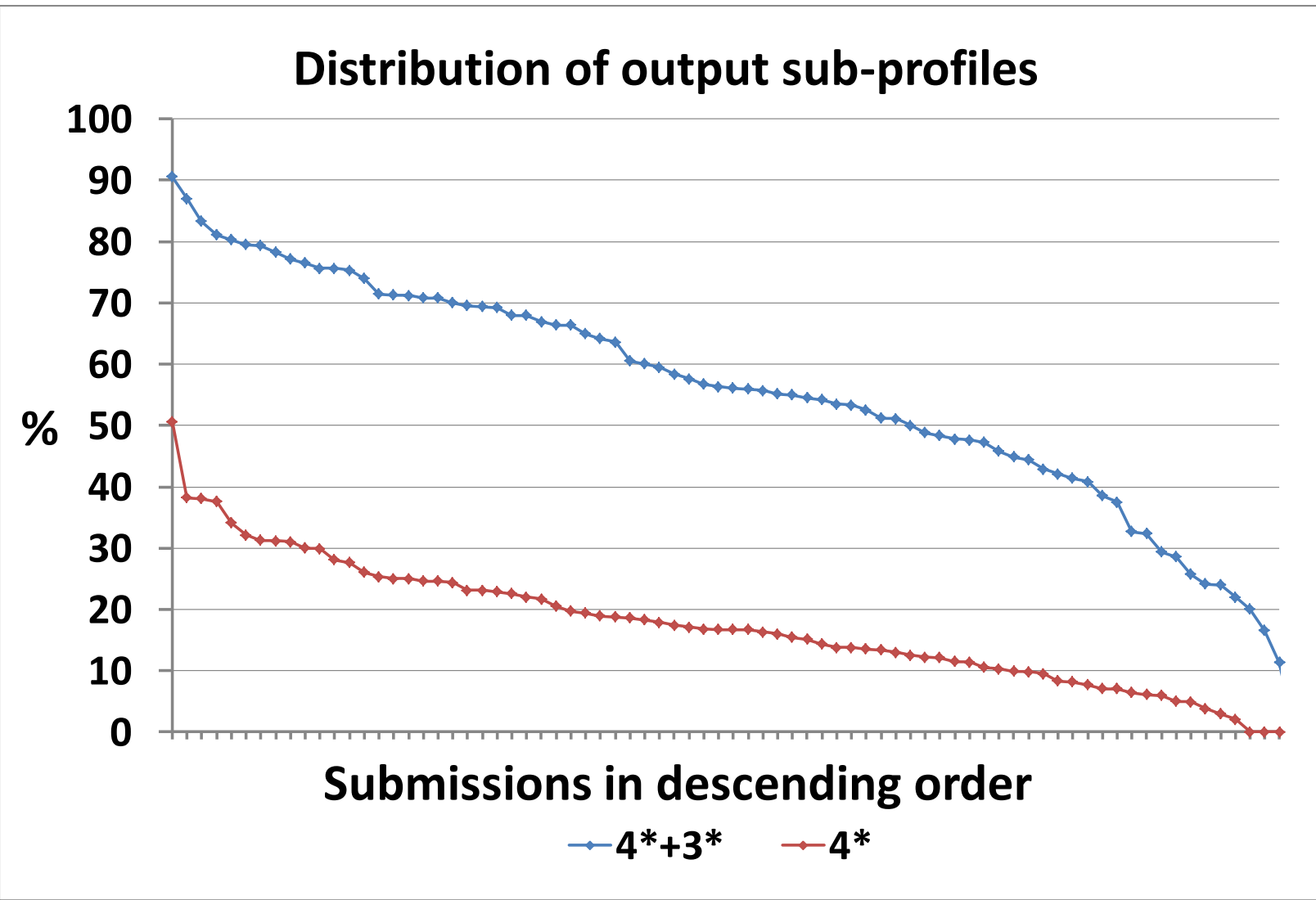
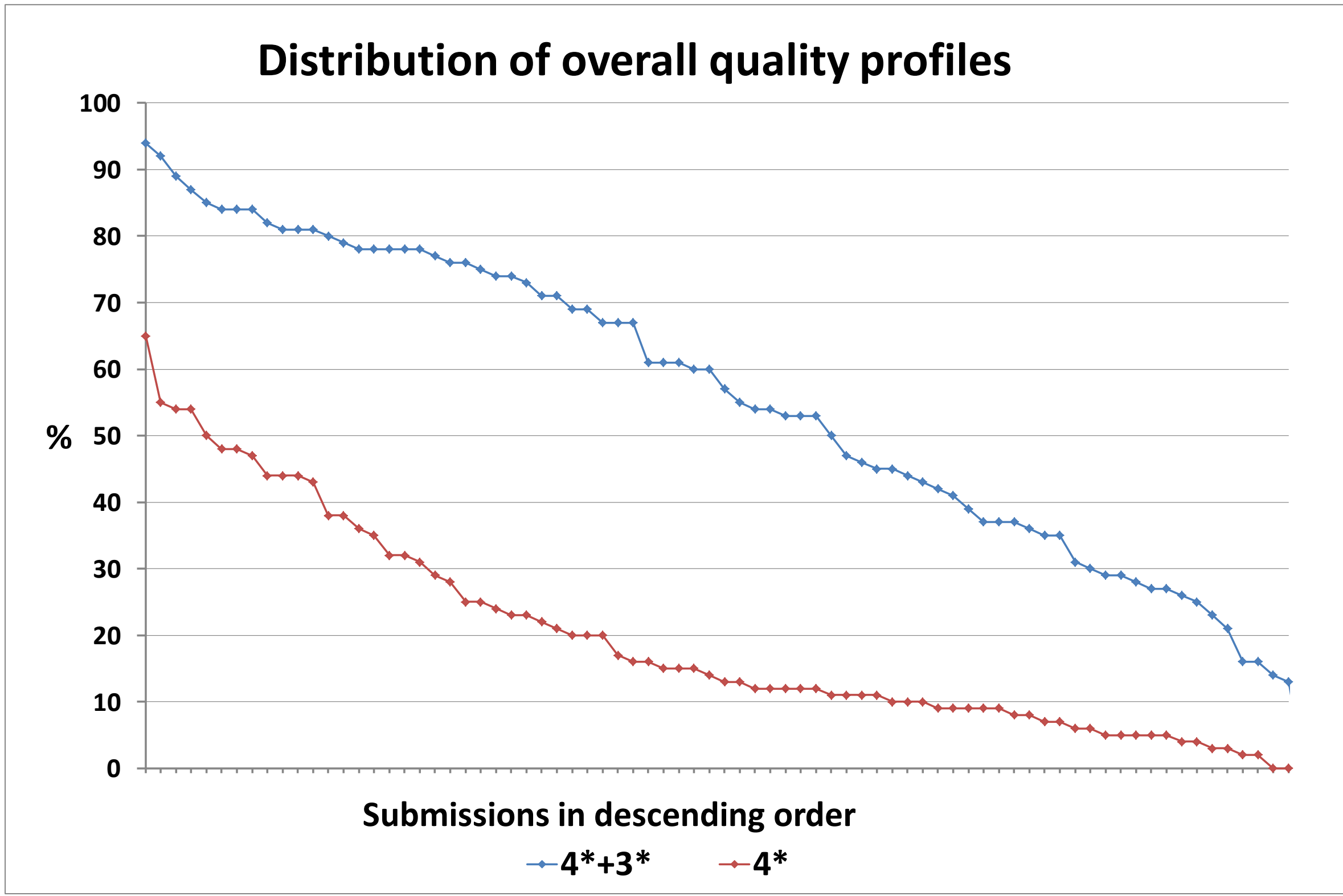
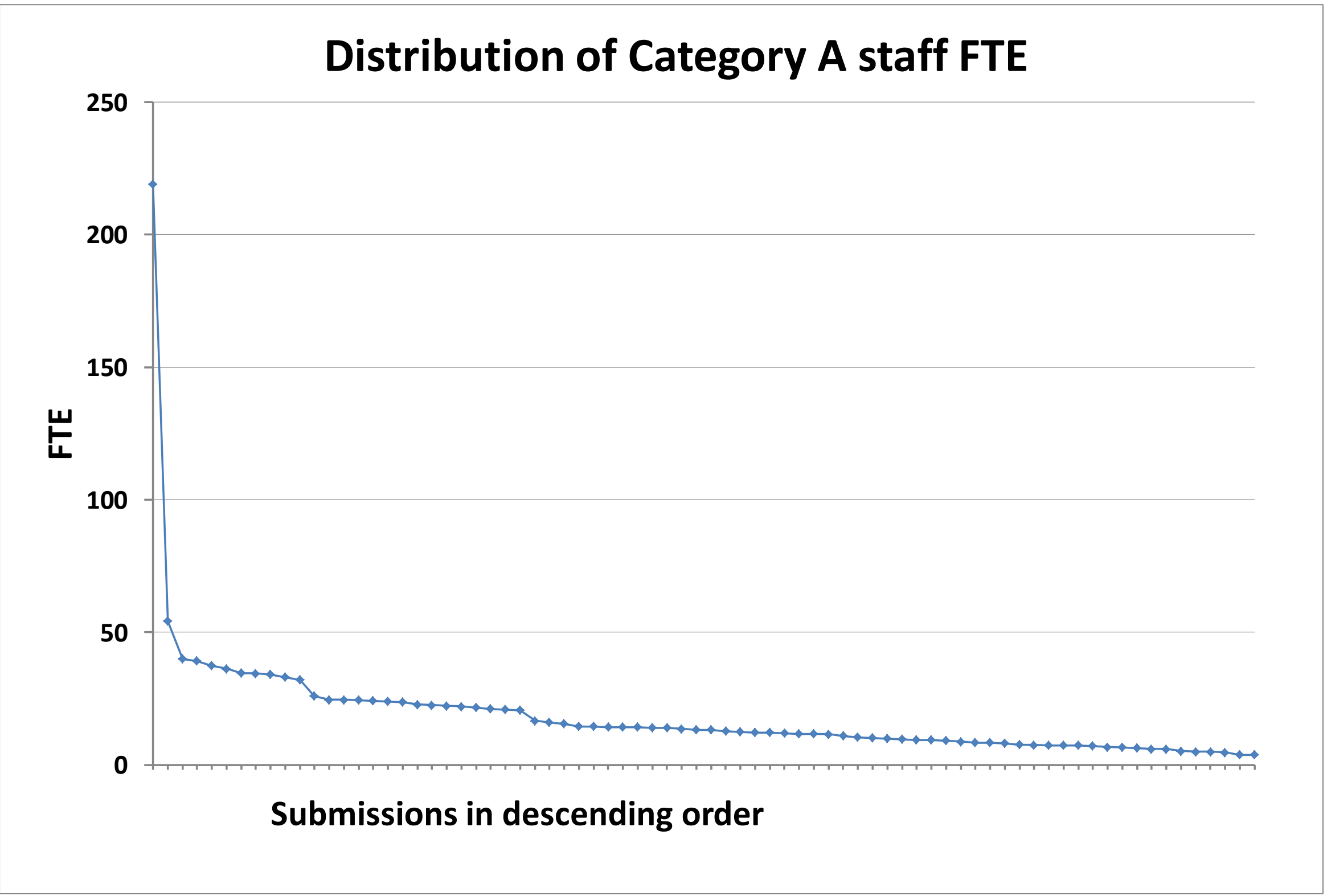
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
70.25	64.94	54.49	49.37	52.47



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	30	36	26	7	1
Outputs	21.7	39.9	29.5	7.8	1.1
Impact	42.9	33.6	16.7	6	0.8
Environment	48.4	25	18.1	7.8	0.7

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.

REF 2014: Unit of assessment summary data

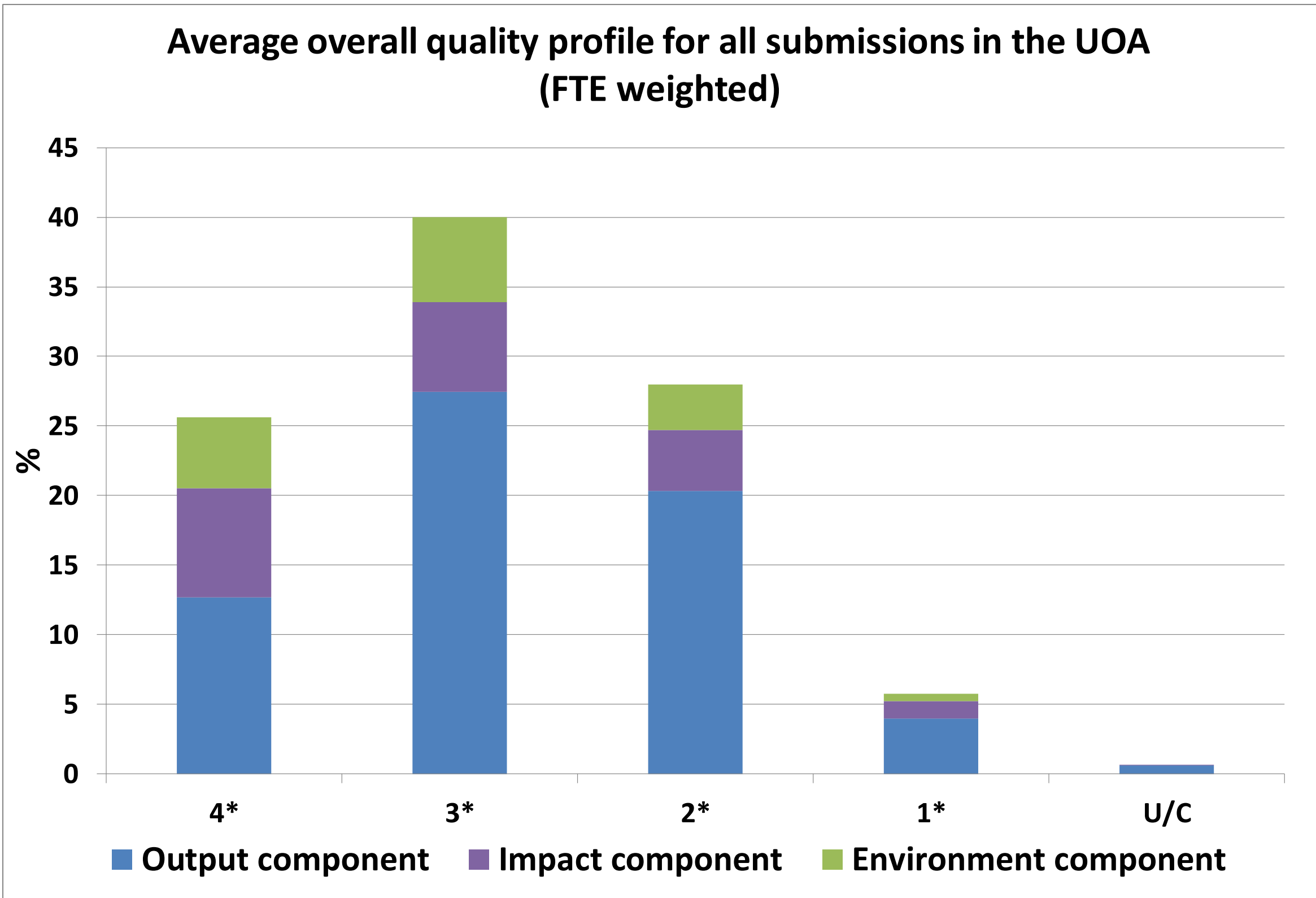
UOA 26: Sport and Exercise Sciences, Leisure and Tourism

Submission information

Number of submissions	51
Category A FTE staff submitted	790
Headcounts of category A and C staff submitted	844
Headcounts of early career researchers (REF1a)	222
Number of outputs submitted	2,759
Number of case studies submitted	128

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
158	179	192	177	215

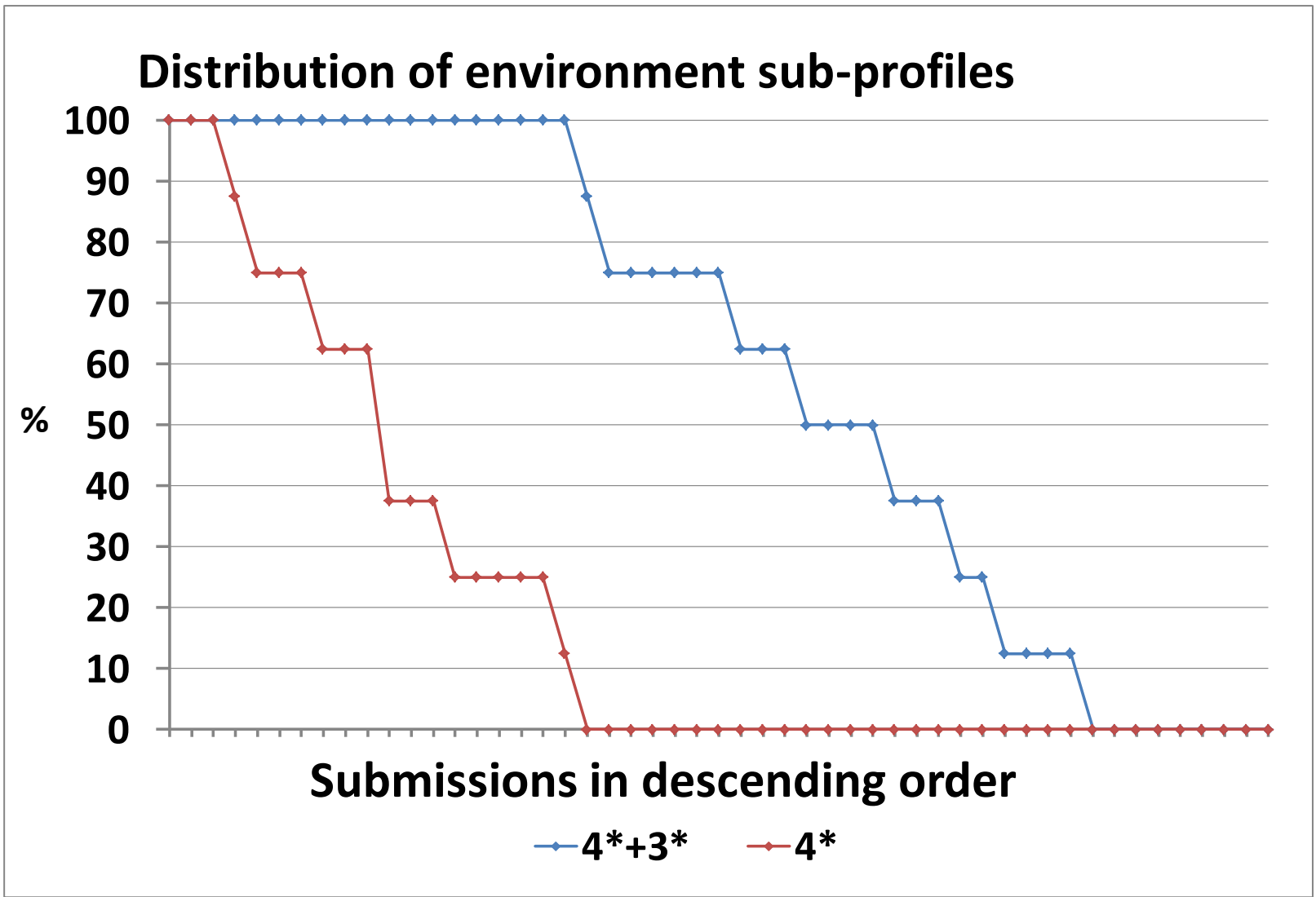
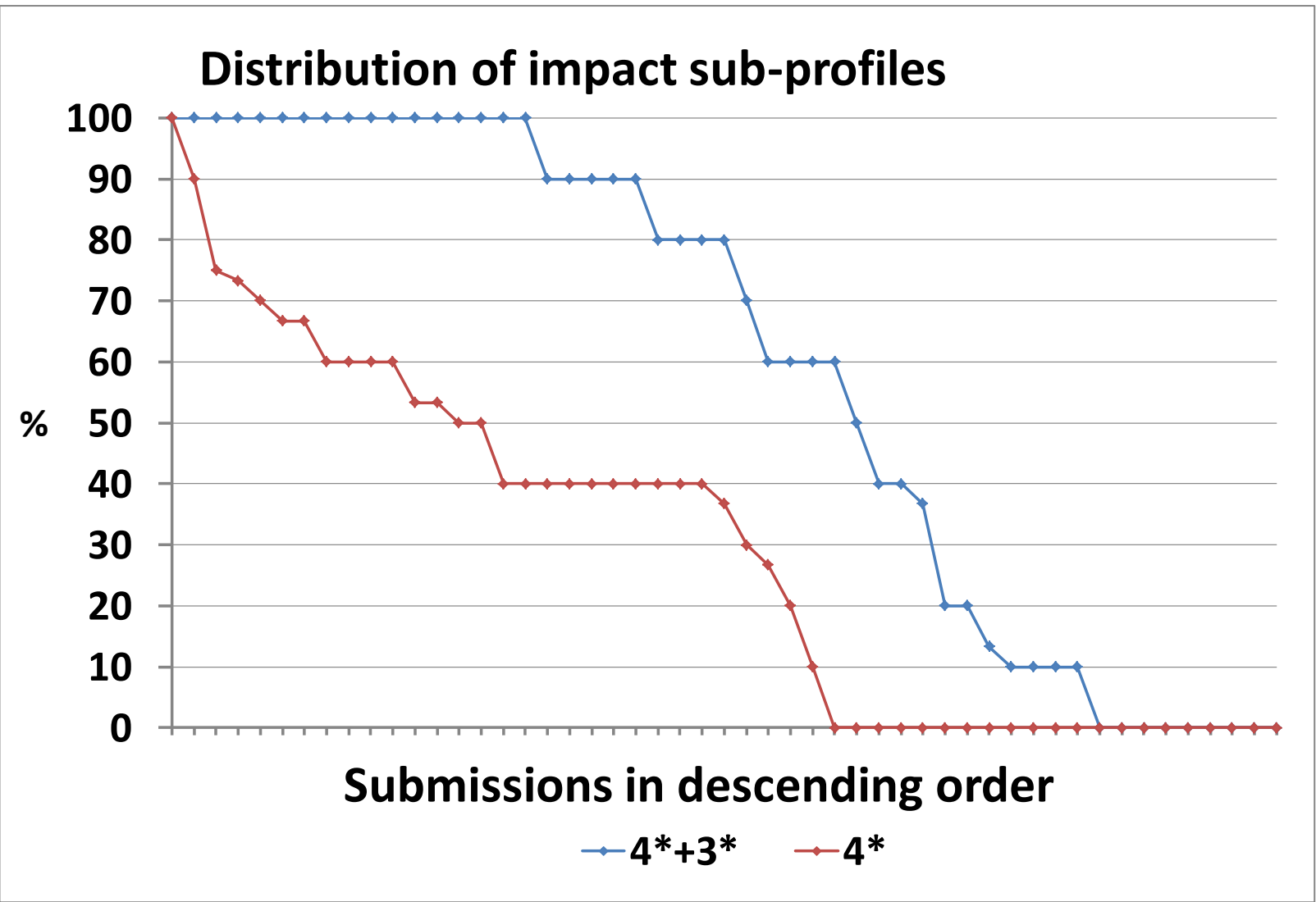
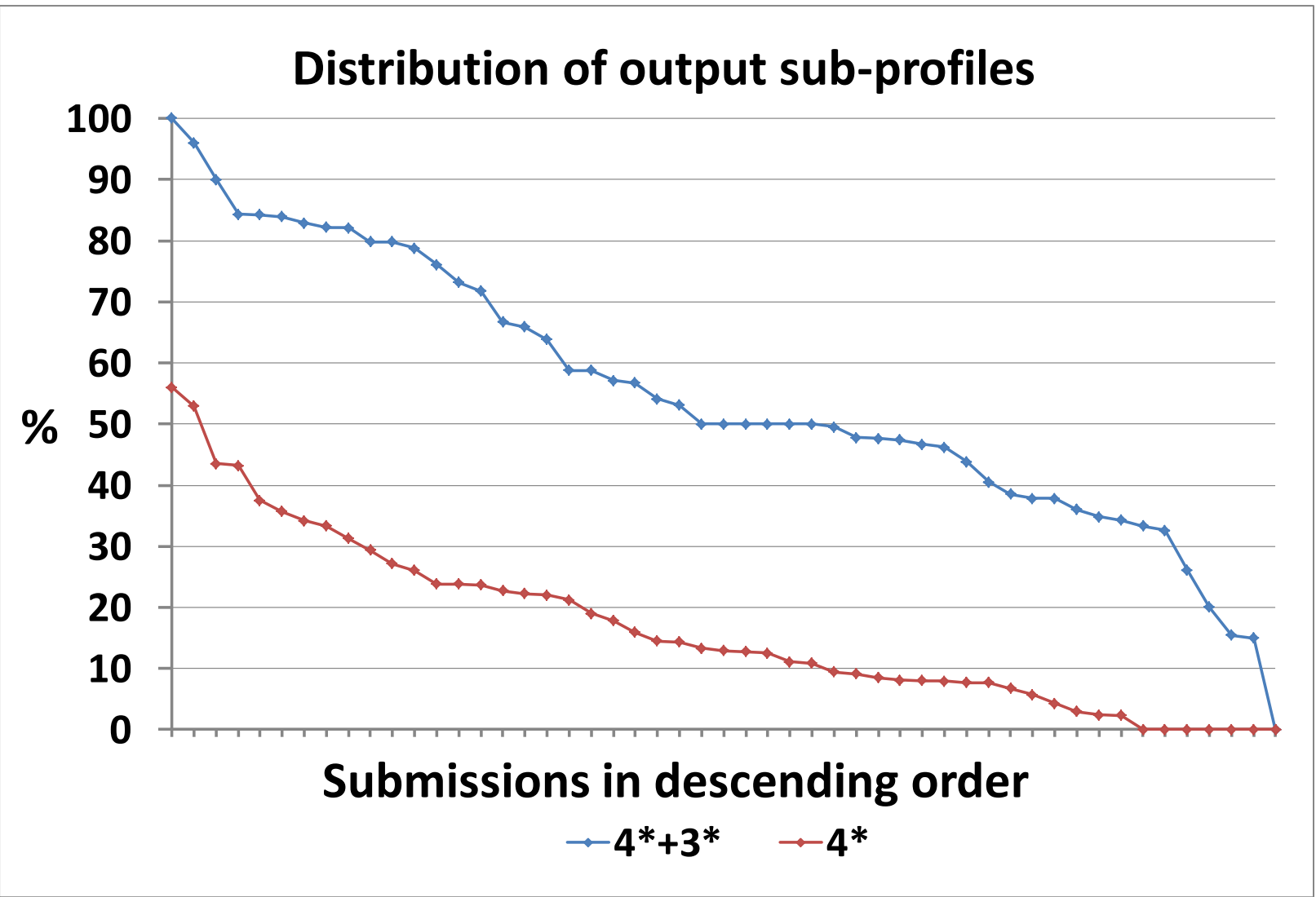
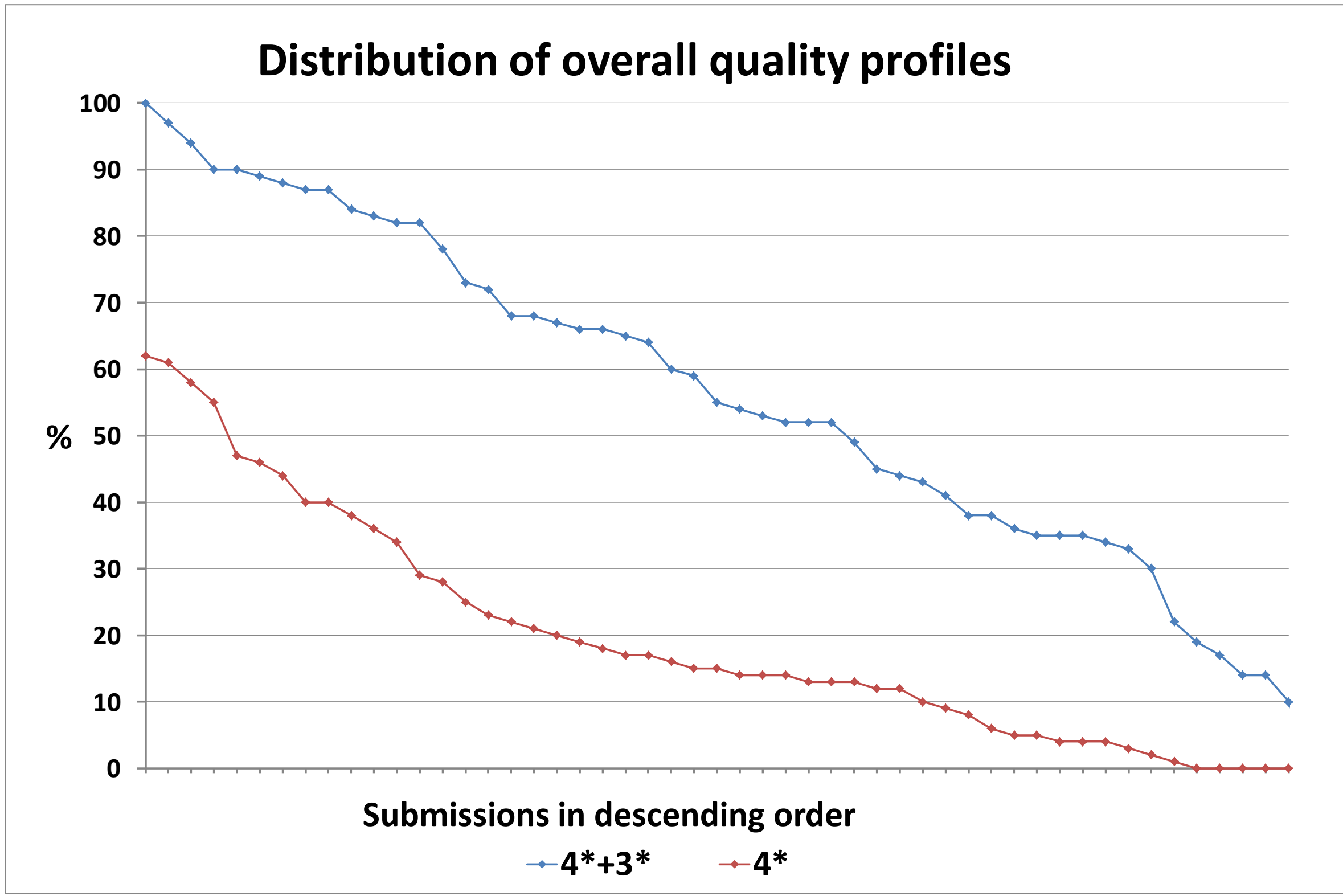
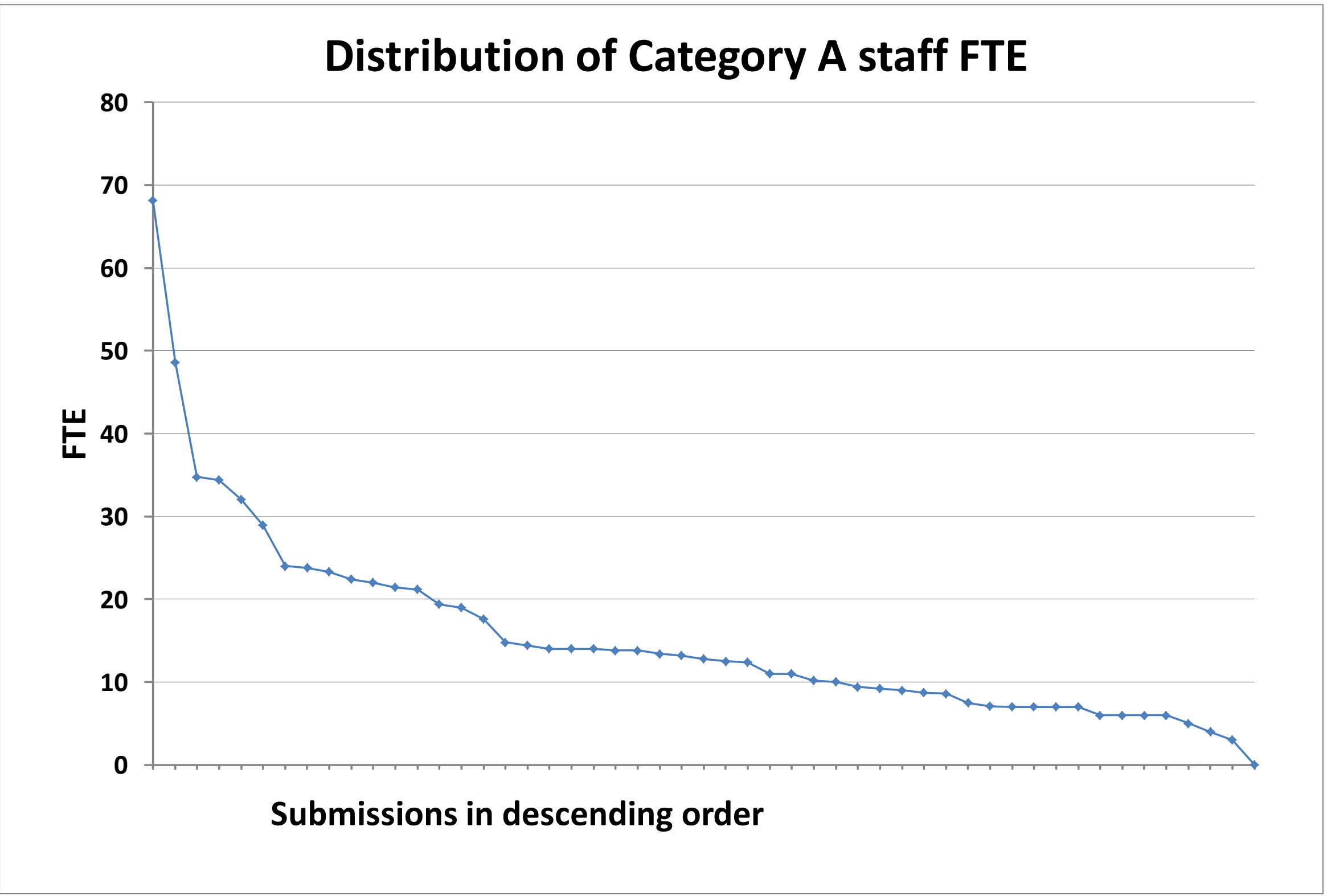
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
14.19	15.67	17.39	15.85	17.22



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	25	41	27	6	1
Outputs	19.5	42.2	31.3	6.1	0.9
Impact	39.2	32.4	21.8	6.3	0.3
Environment	34.2	40.7	21.7	3.4	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.



REF 2014: Unit of assessment summary data

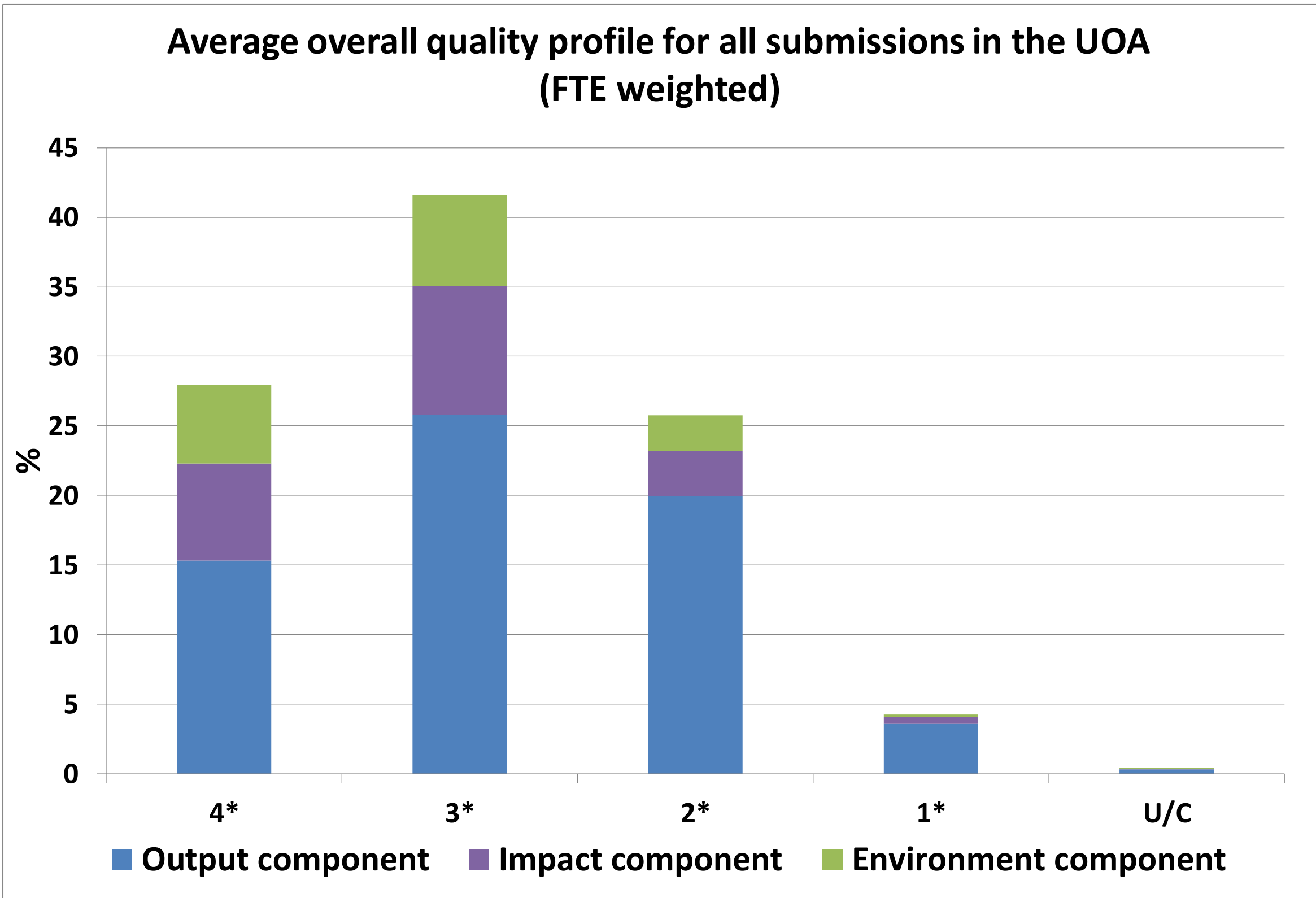
UOA 27: Area Studies

Submission information

Number of submissions	23
Category A FTE staff submitted	483
Headcounts of category A and C staff submitted	503
Headcounts of early career researchers (REF1a)	98
Number of outputs submitted	1,727
Number of case studies submitted	71

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
132	126	140	158	145

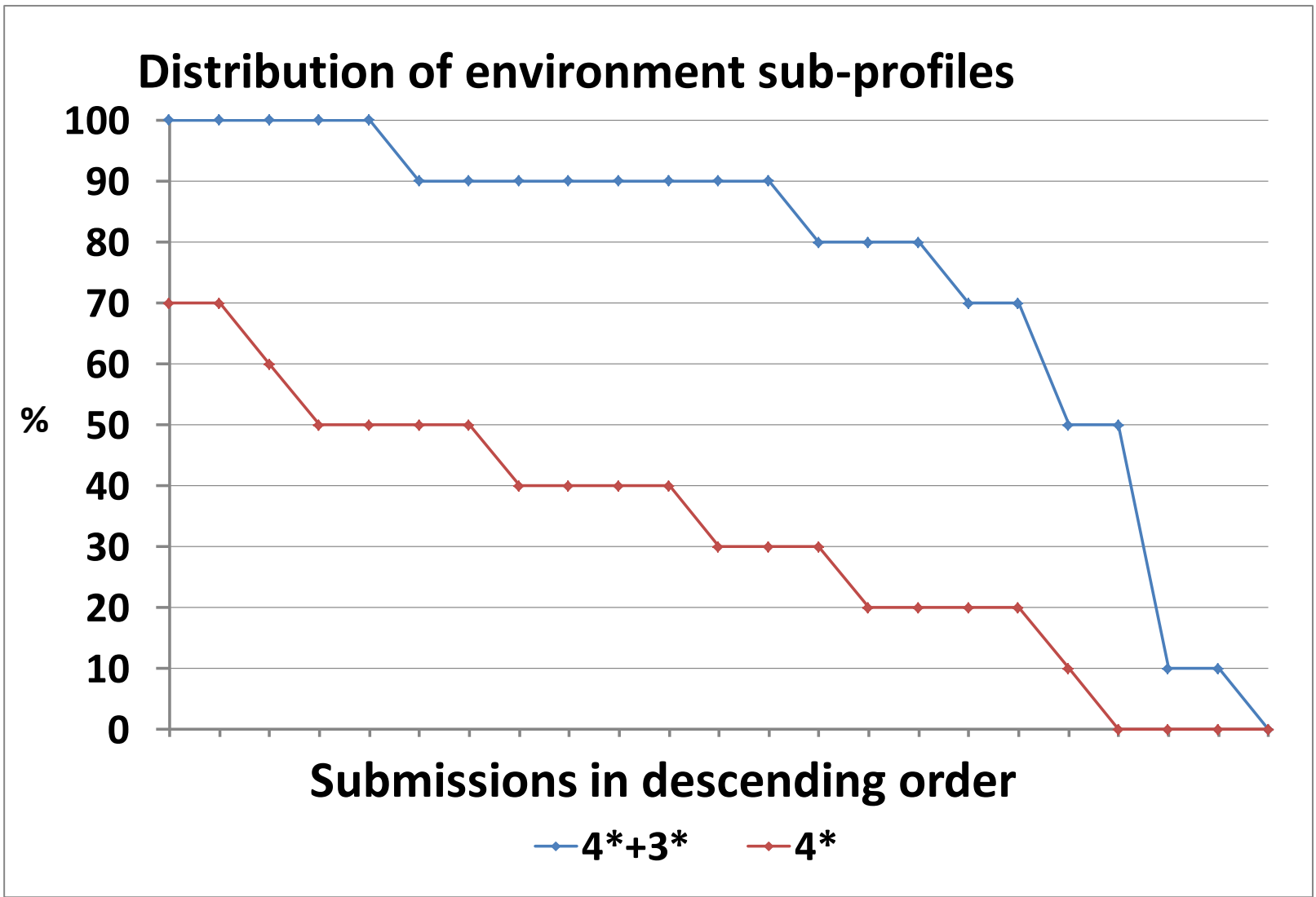
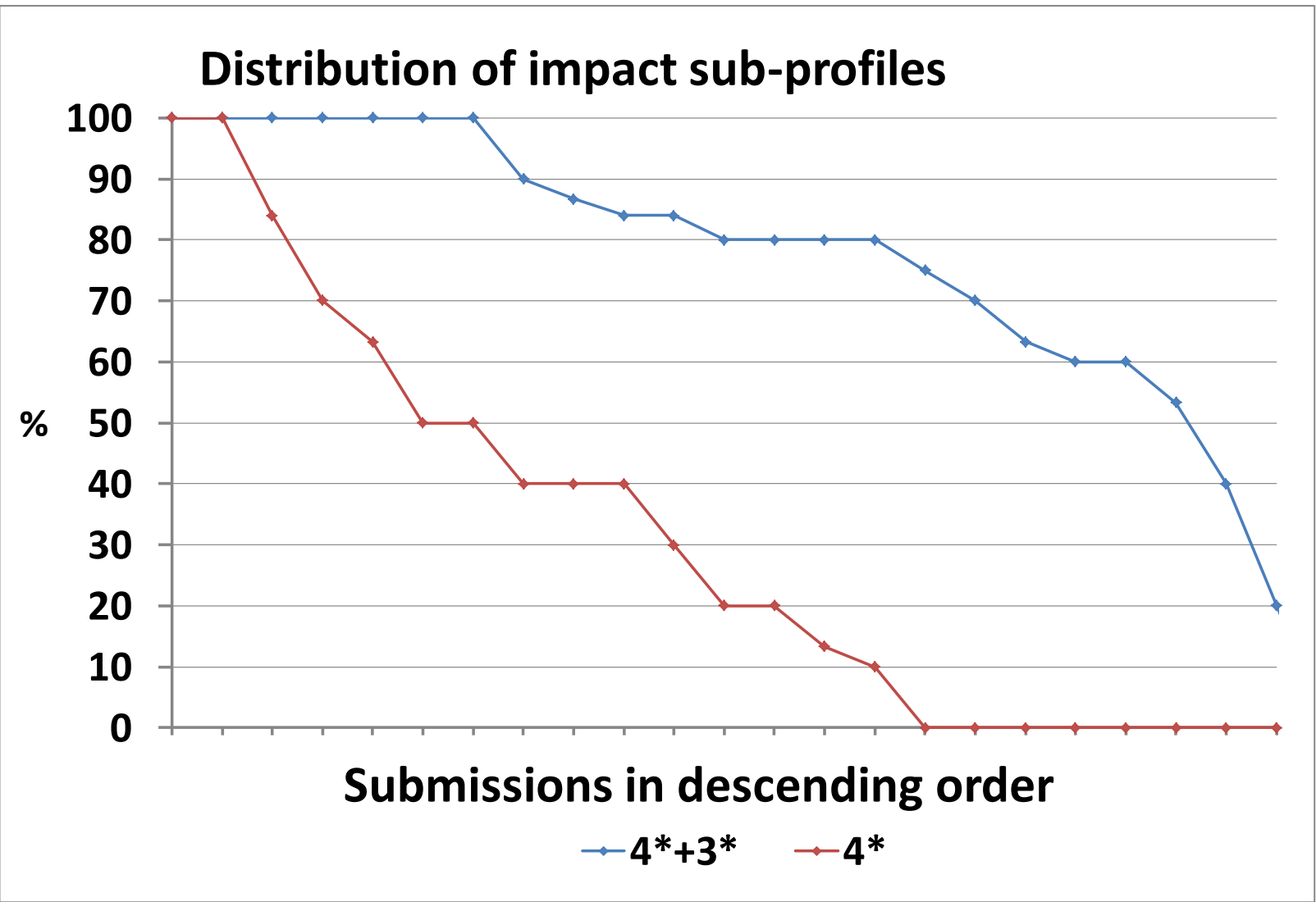
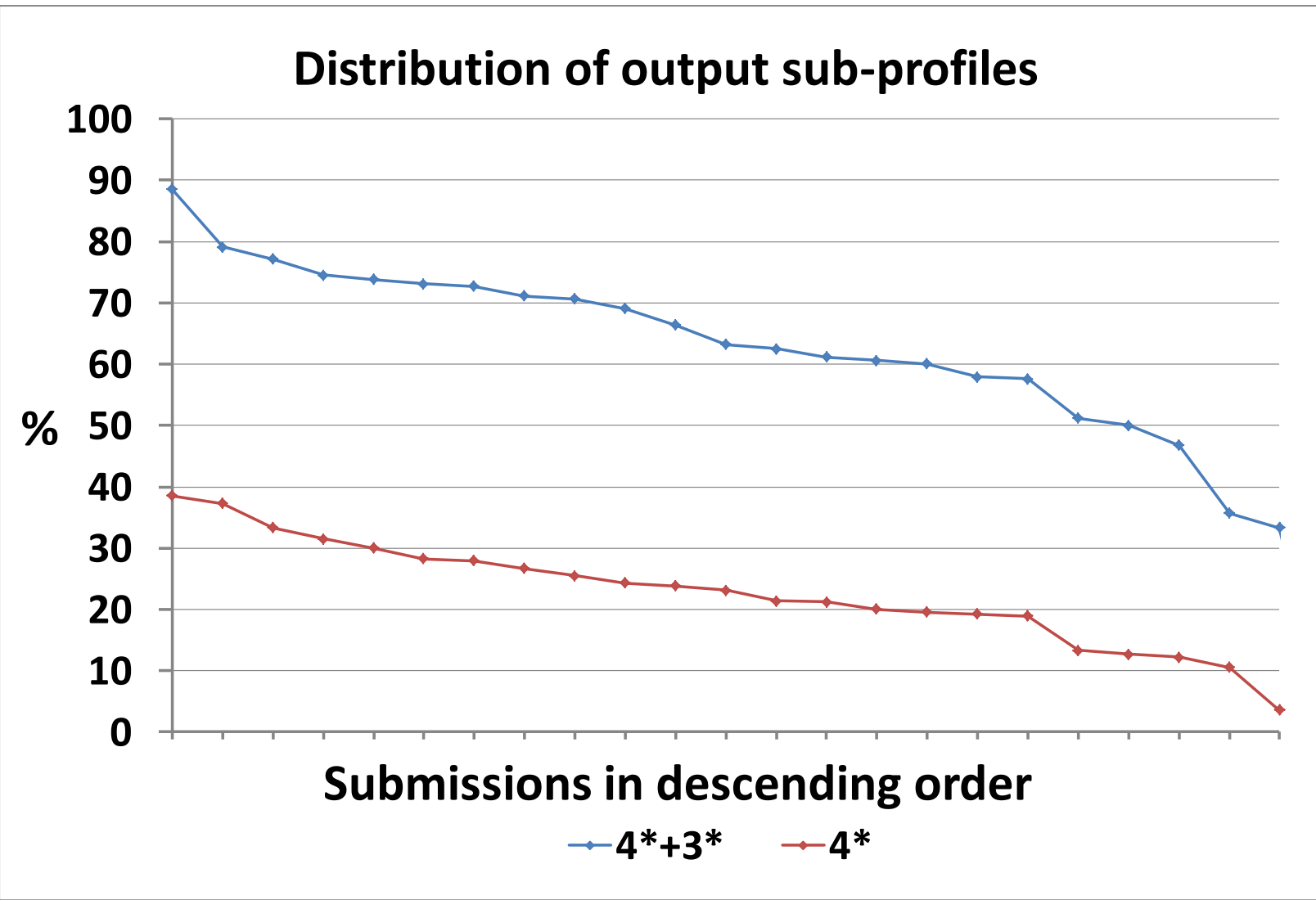
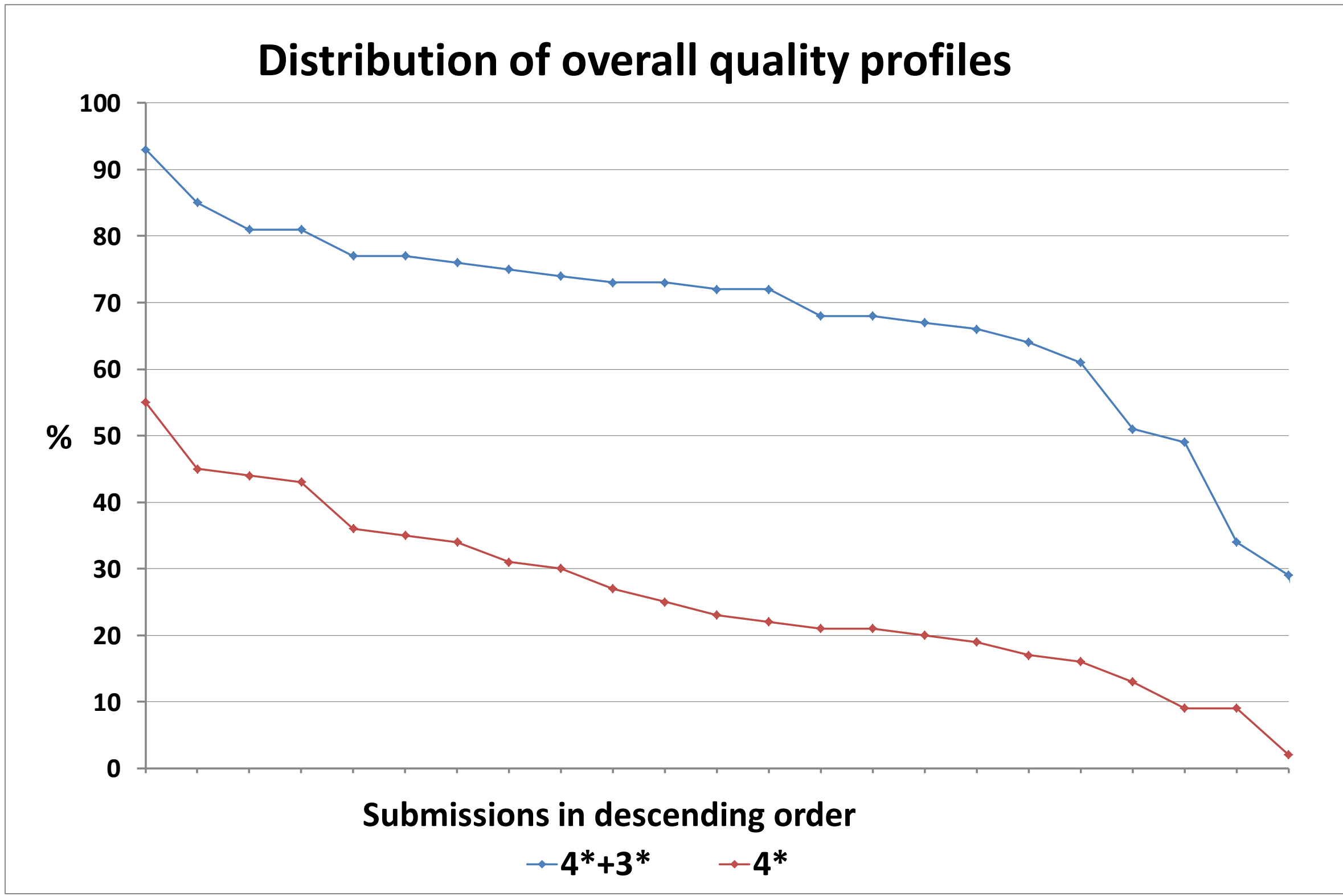
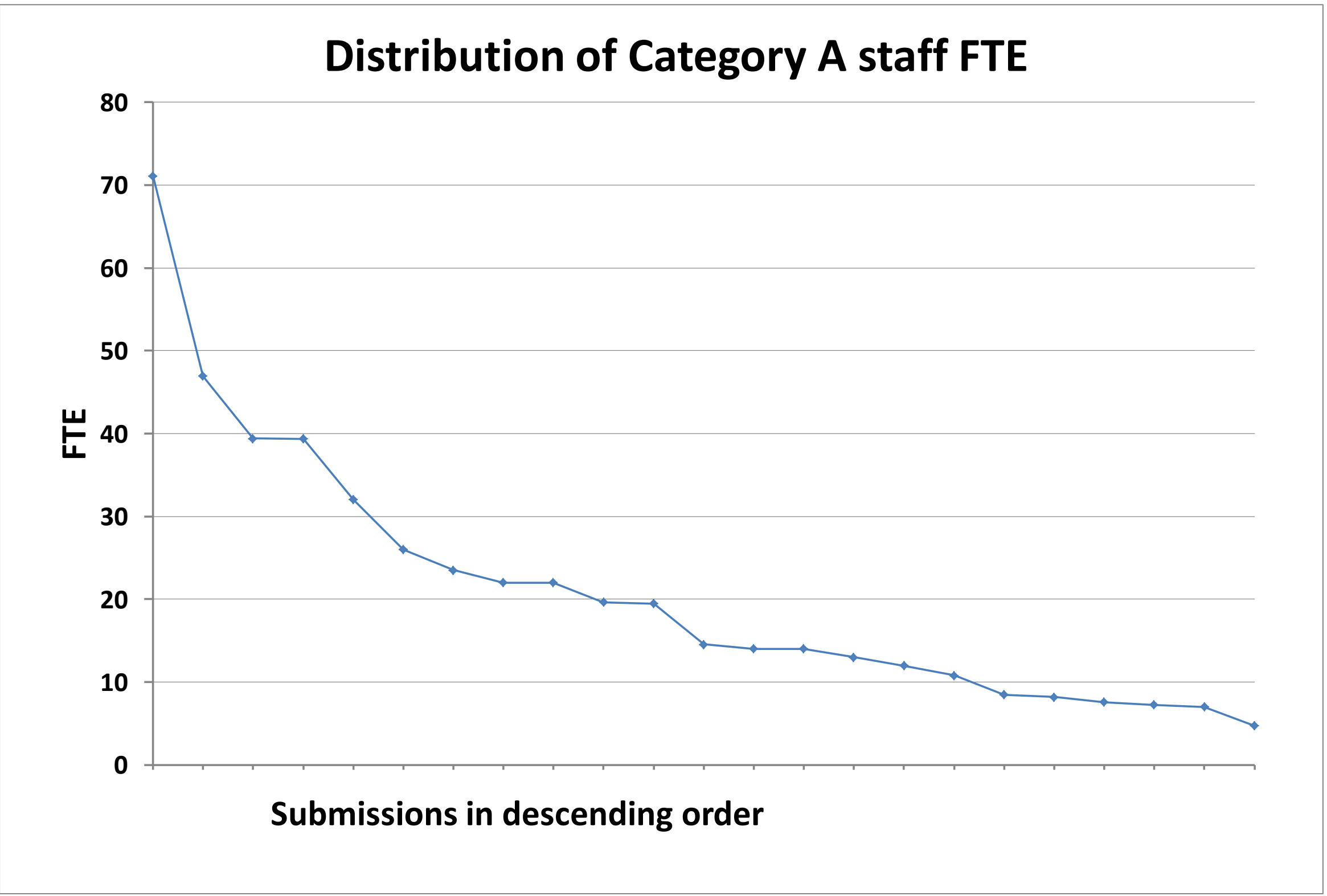
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
9.76	9.83	9.52	8.77	7.91



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	28	42	25	5	0
Outputs	23.6	39.7	30.7	5.5	0.5
Impact	34.7	46.2	16.3	2.5	0.3
Environment	37.7	43.6	17.1	1.4	0.2

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.

REF 2014: Unit of assessment summary data

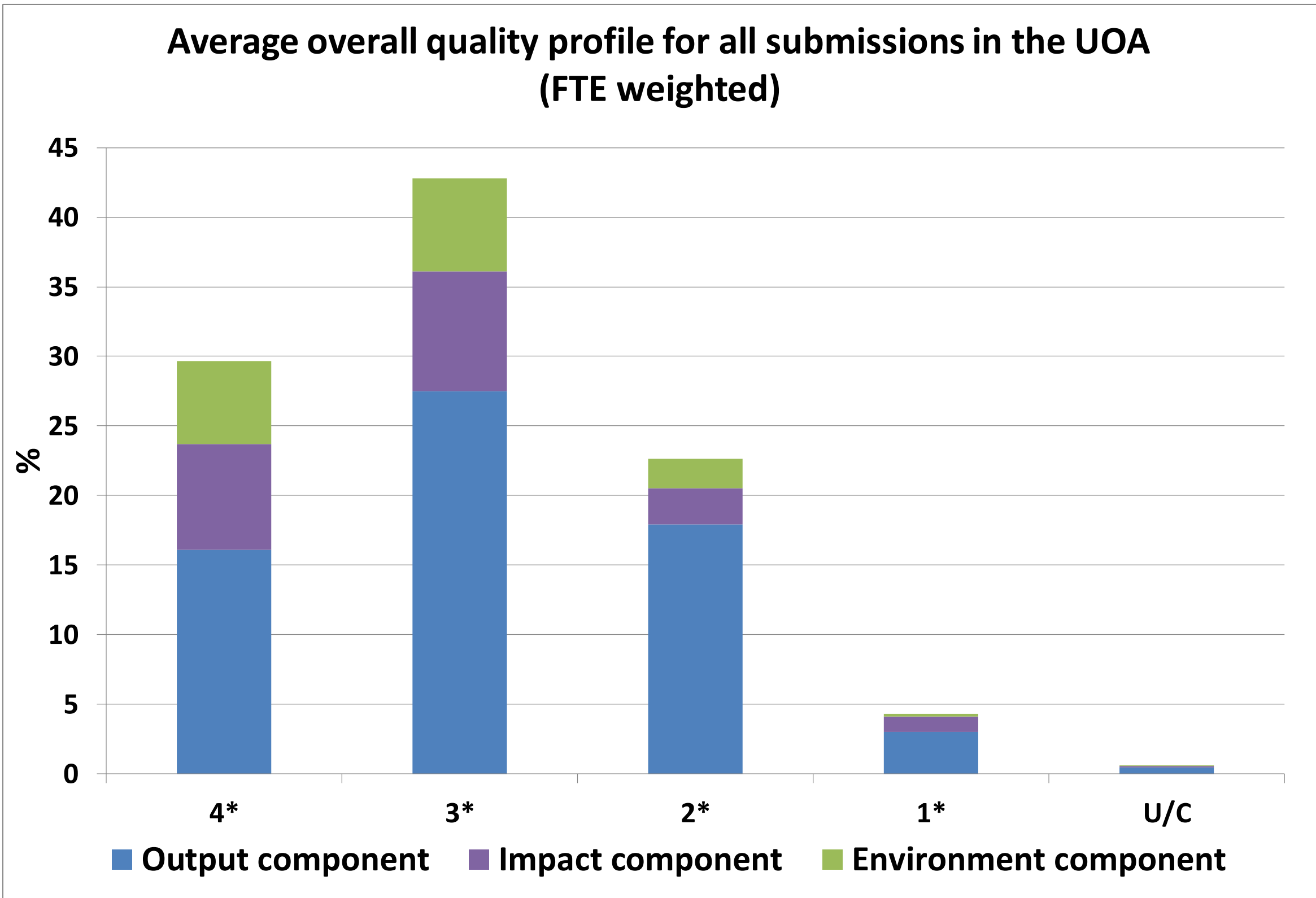
UOA 28: Modern Languages and Linguistics

Submission information

Number of submissions	57
Category A FTE staff submitted	1,386
Headcounts of category A and C staff submitted	1,464
Headcounts of early career researchers (REF1a)	257
Number of outputs submitted	4,943
Number of case studies submitted	192

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
316	314	317	336	412

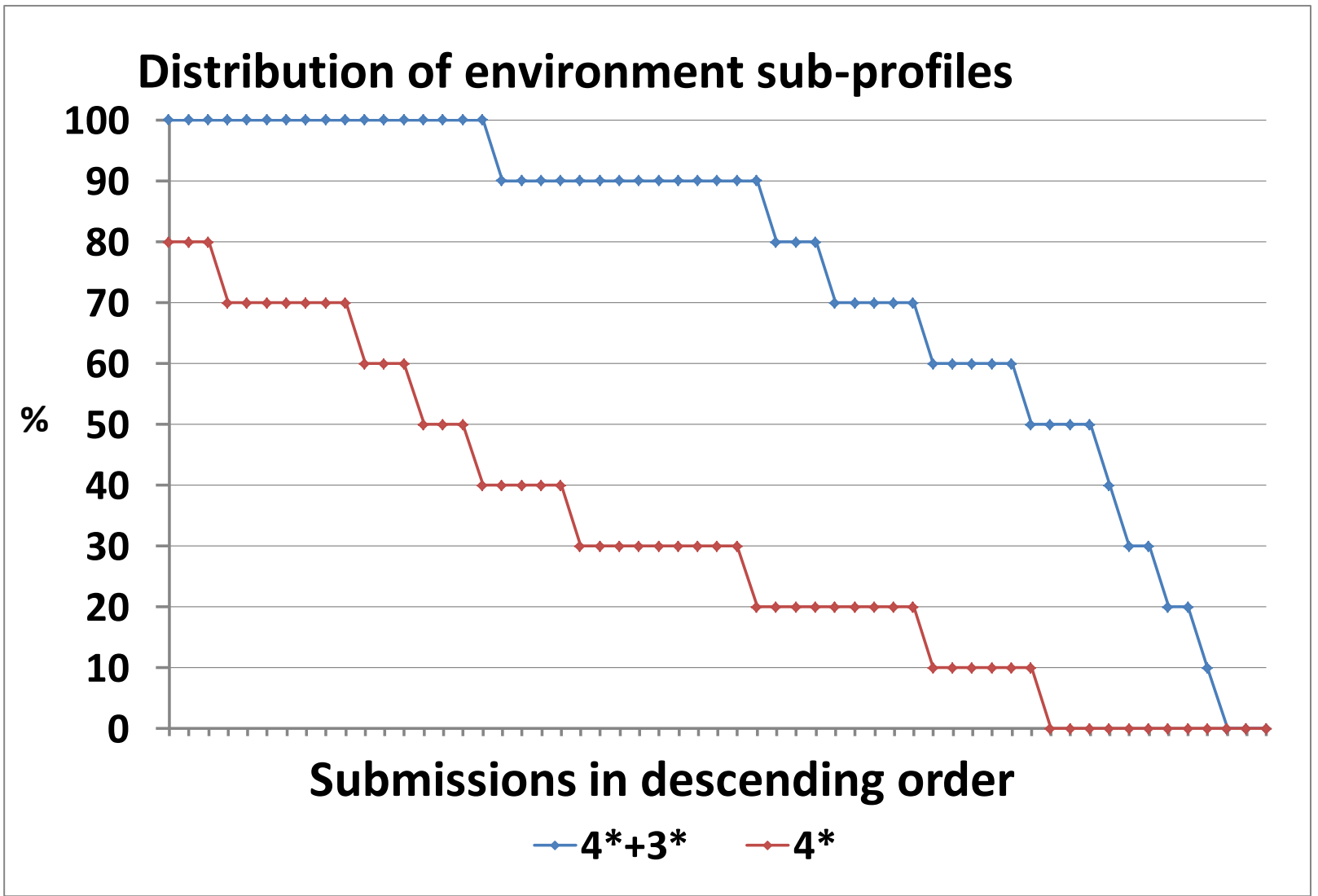
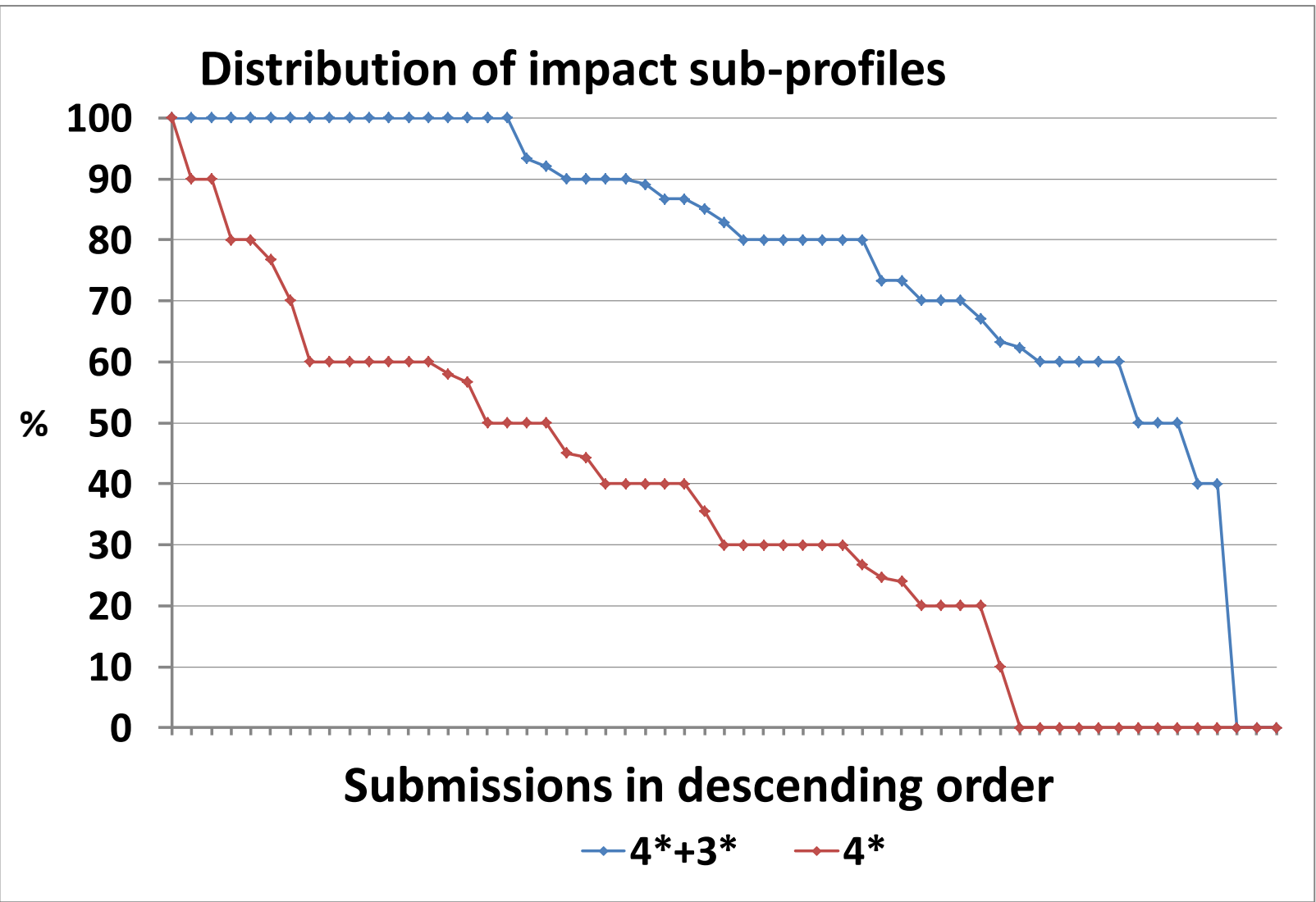
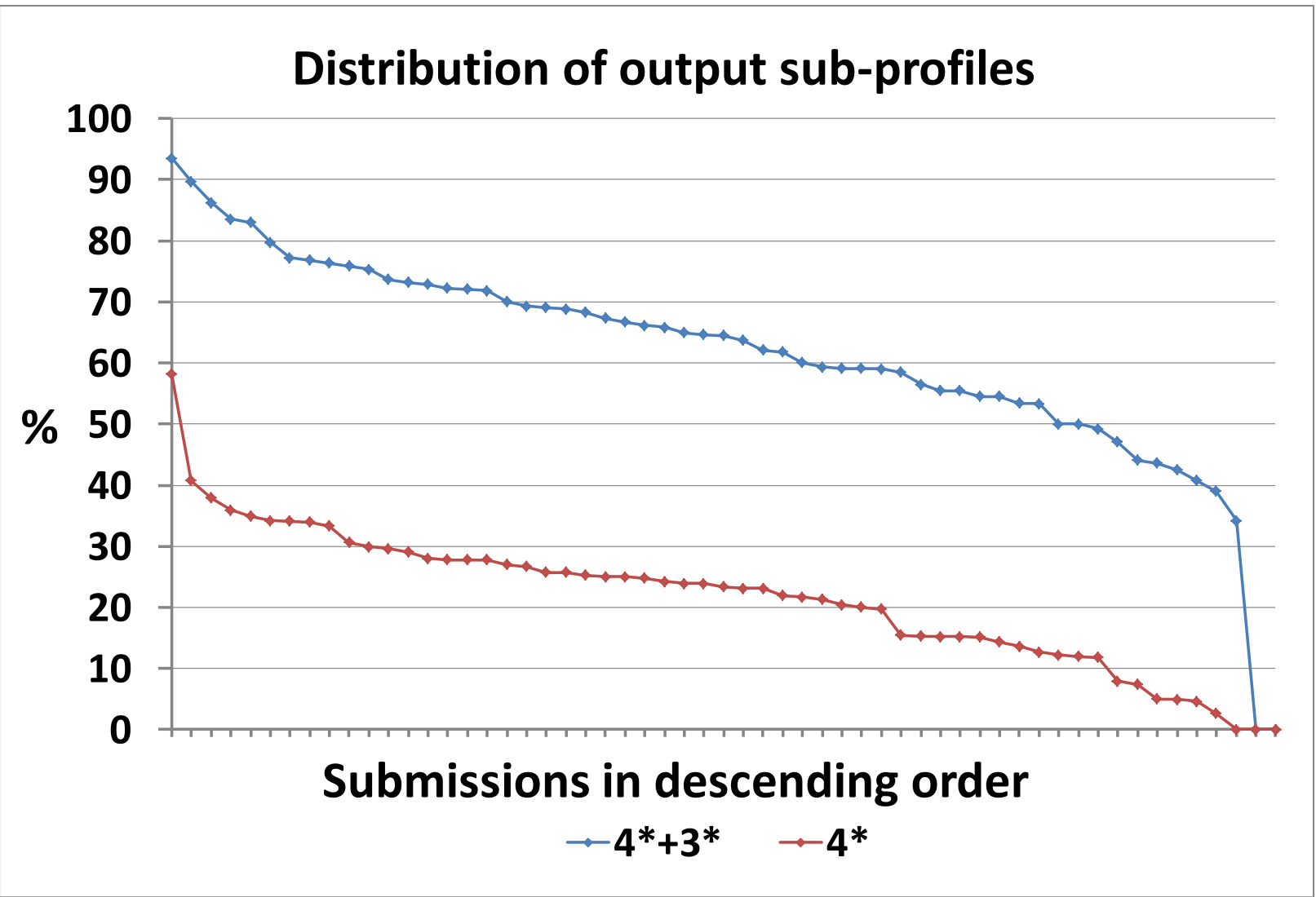
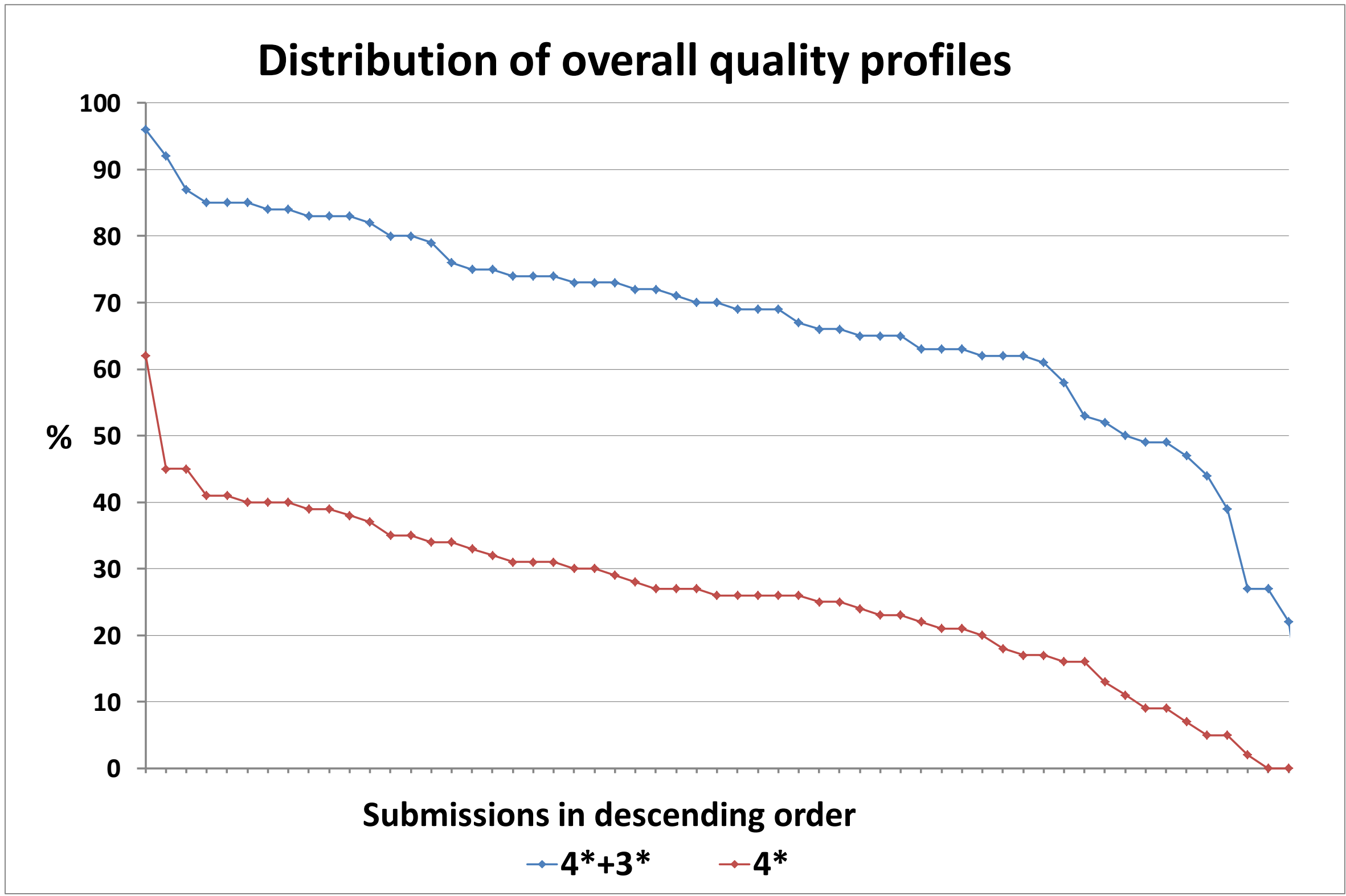
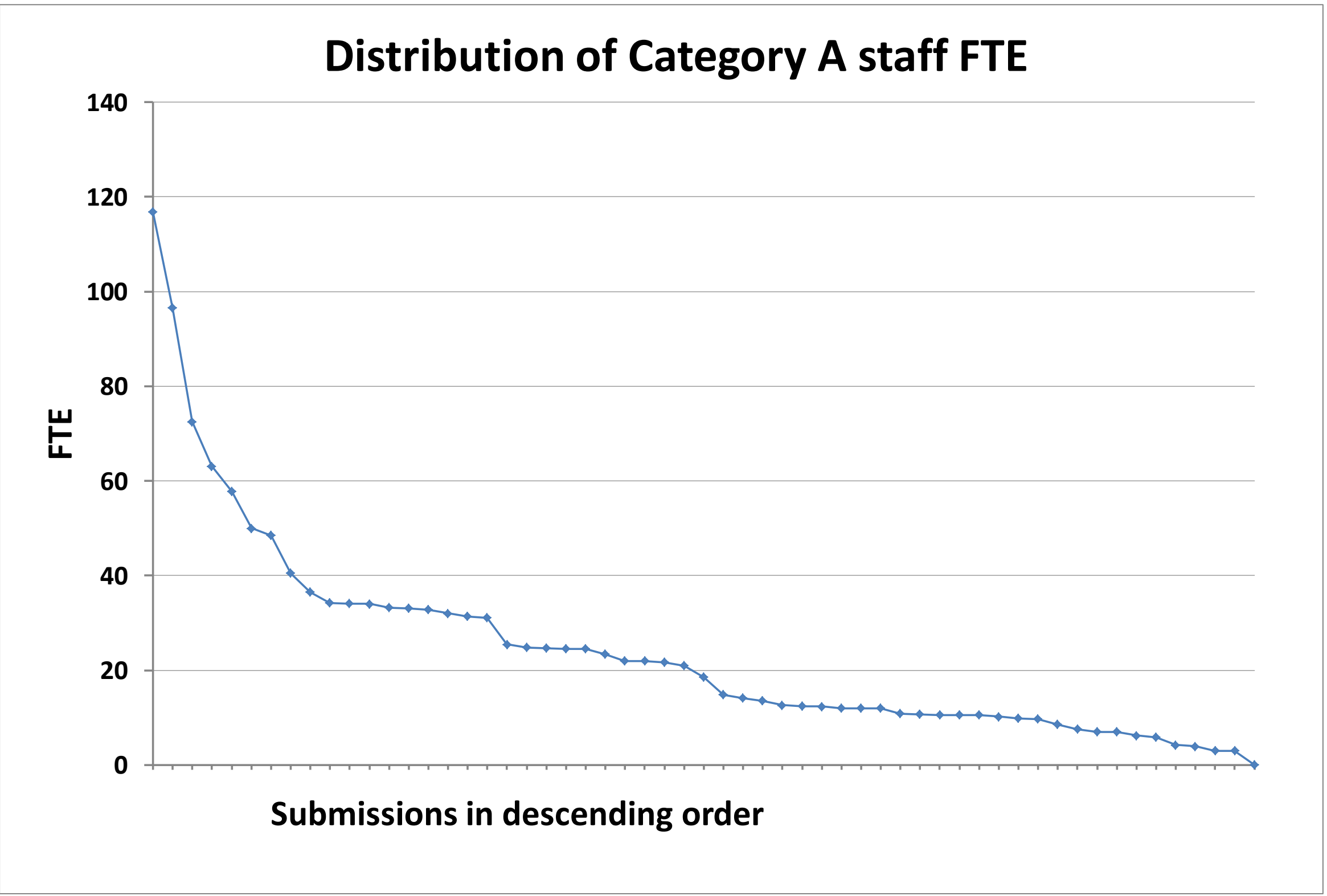
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
19.03	19.51	20.13	20.32	20.45



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	30	42	23	4	1
Outputs	24.8	42.3	27.6	4.6	0.7
Impact	37.8	43	12.9	5.7	0.6
Environment	39.8	44.8	14	1.3	0.1

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.



REF 2014: Unit of assessment summary data

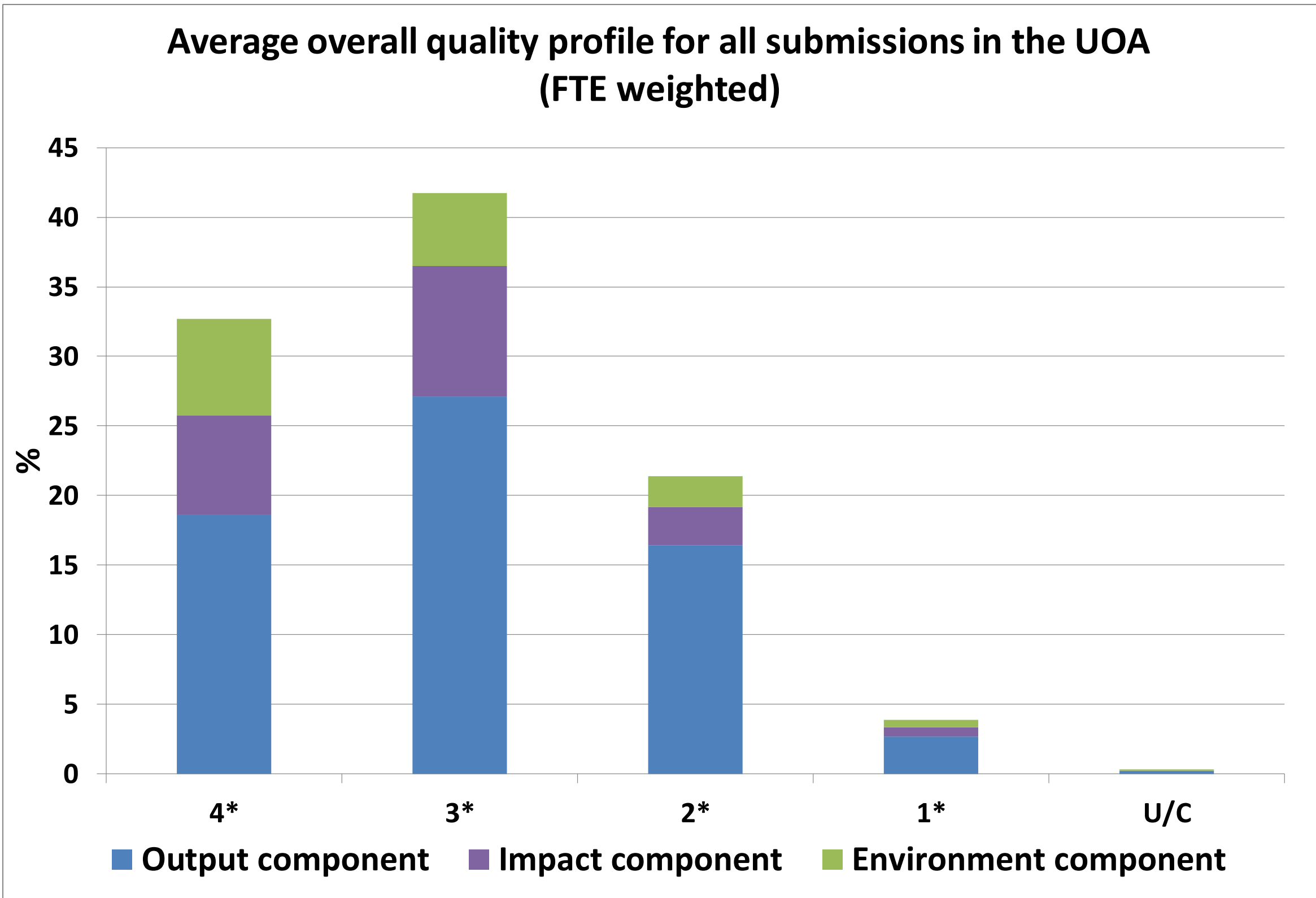
UOA 29: English Language and Literature

Submission information

Number of submissions	89
Category A FTE staff submitted	1,971
Headcounts of category A and C staff submitted	2,155
Headcounts of early career researchers (REF1a)	466
Number of outputs submitted	6,933
Number of case studies submitted	283

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
462	444	556	582	615

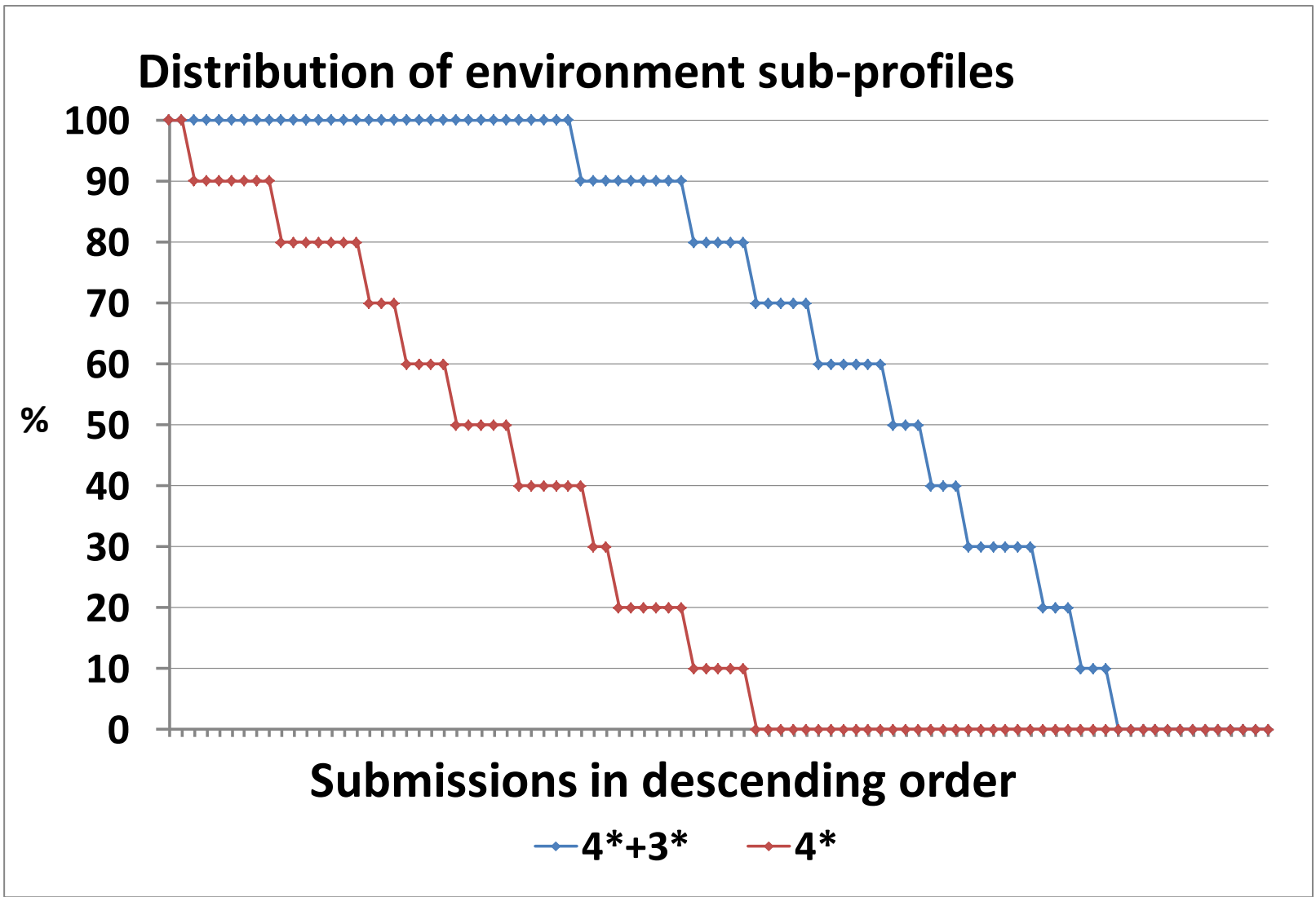
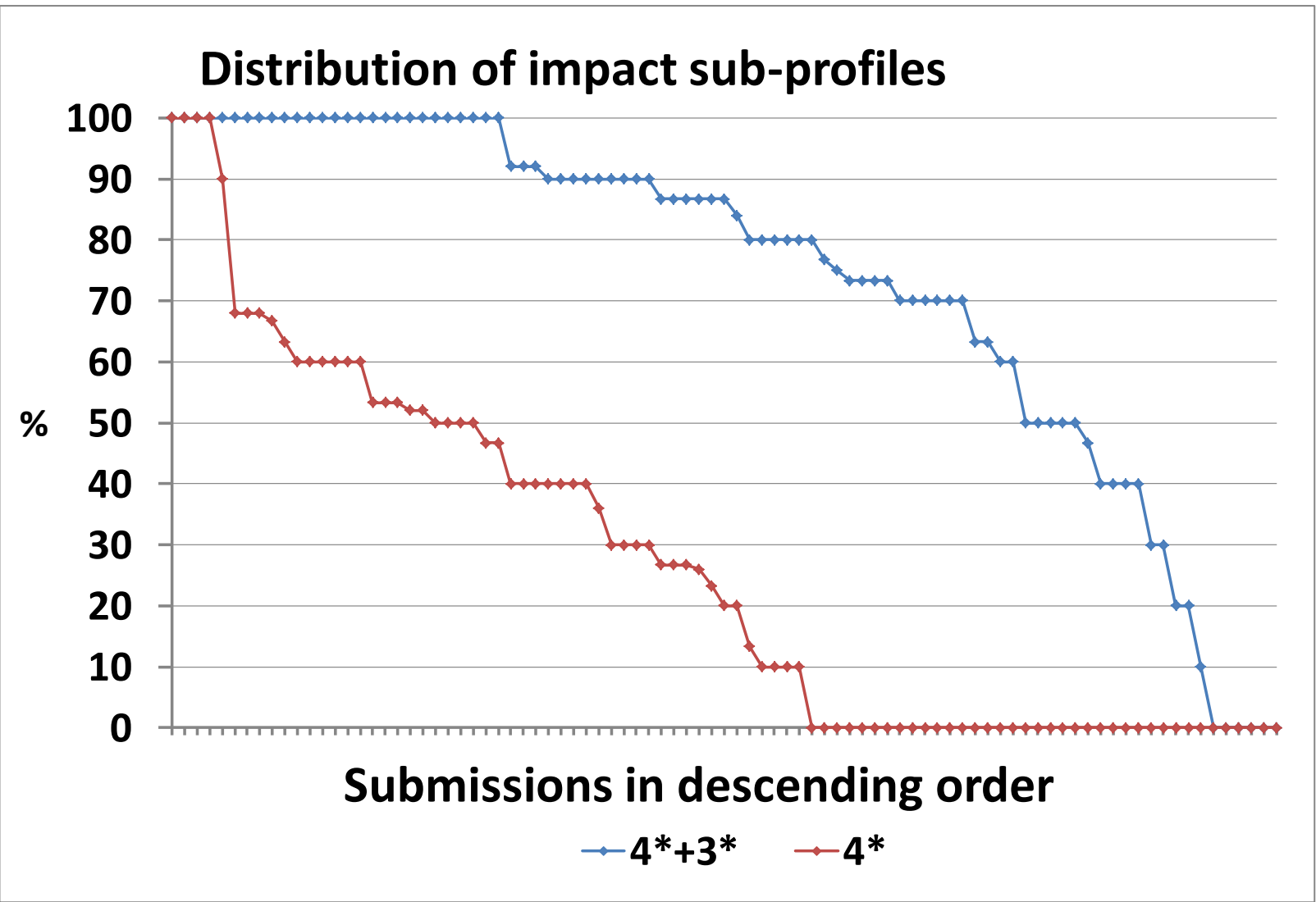
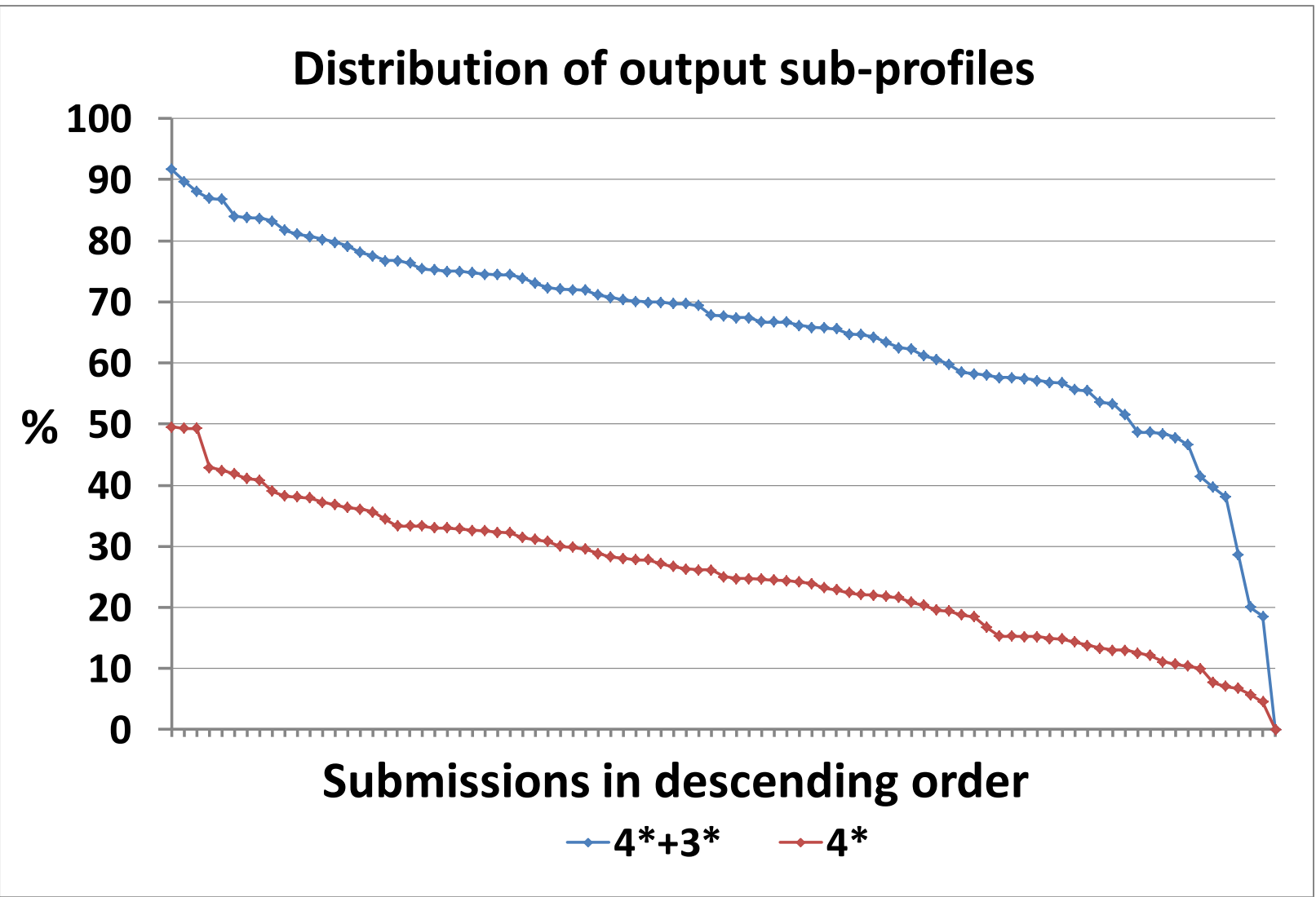
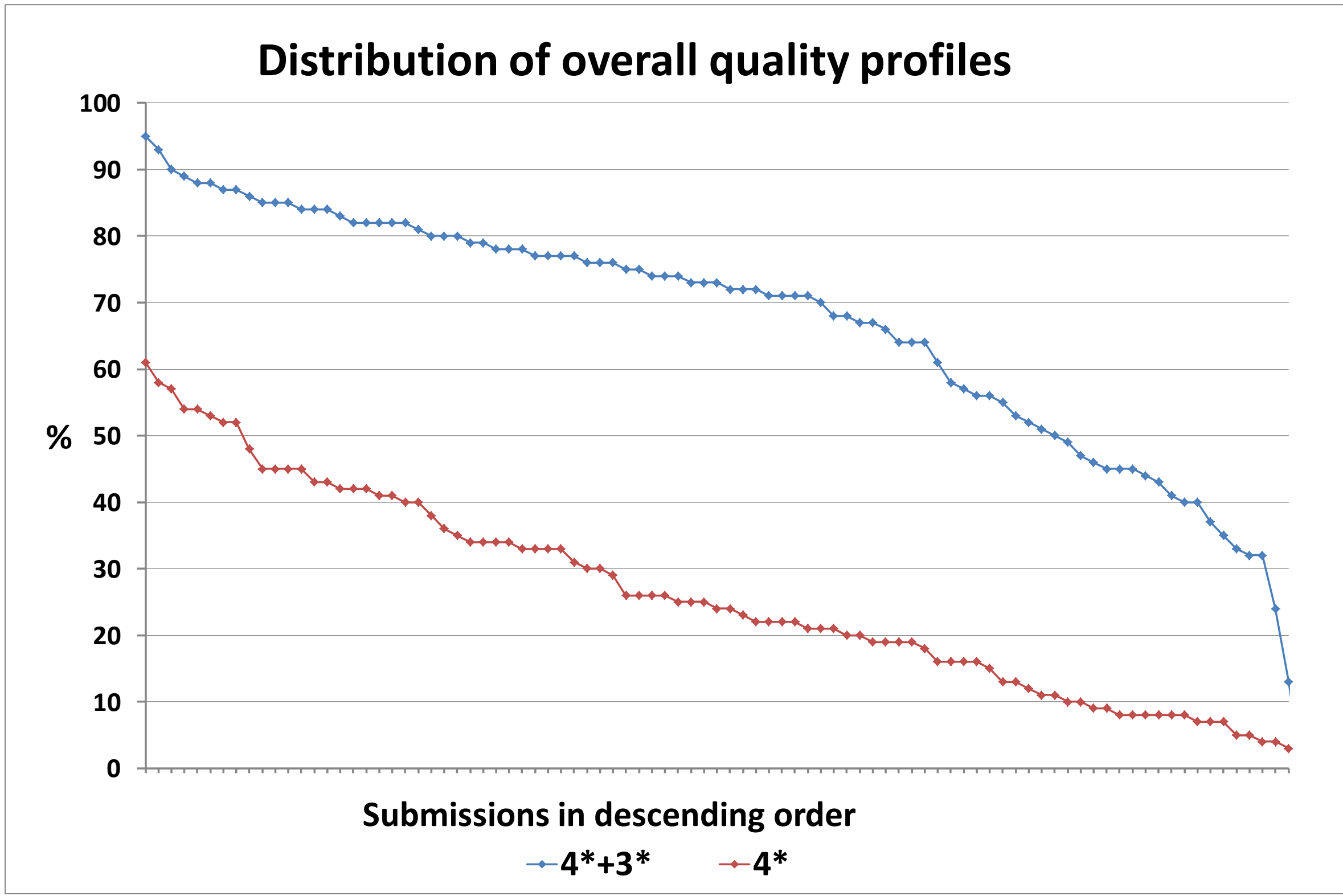
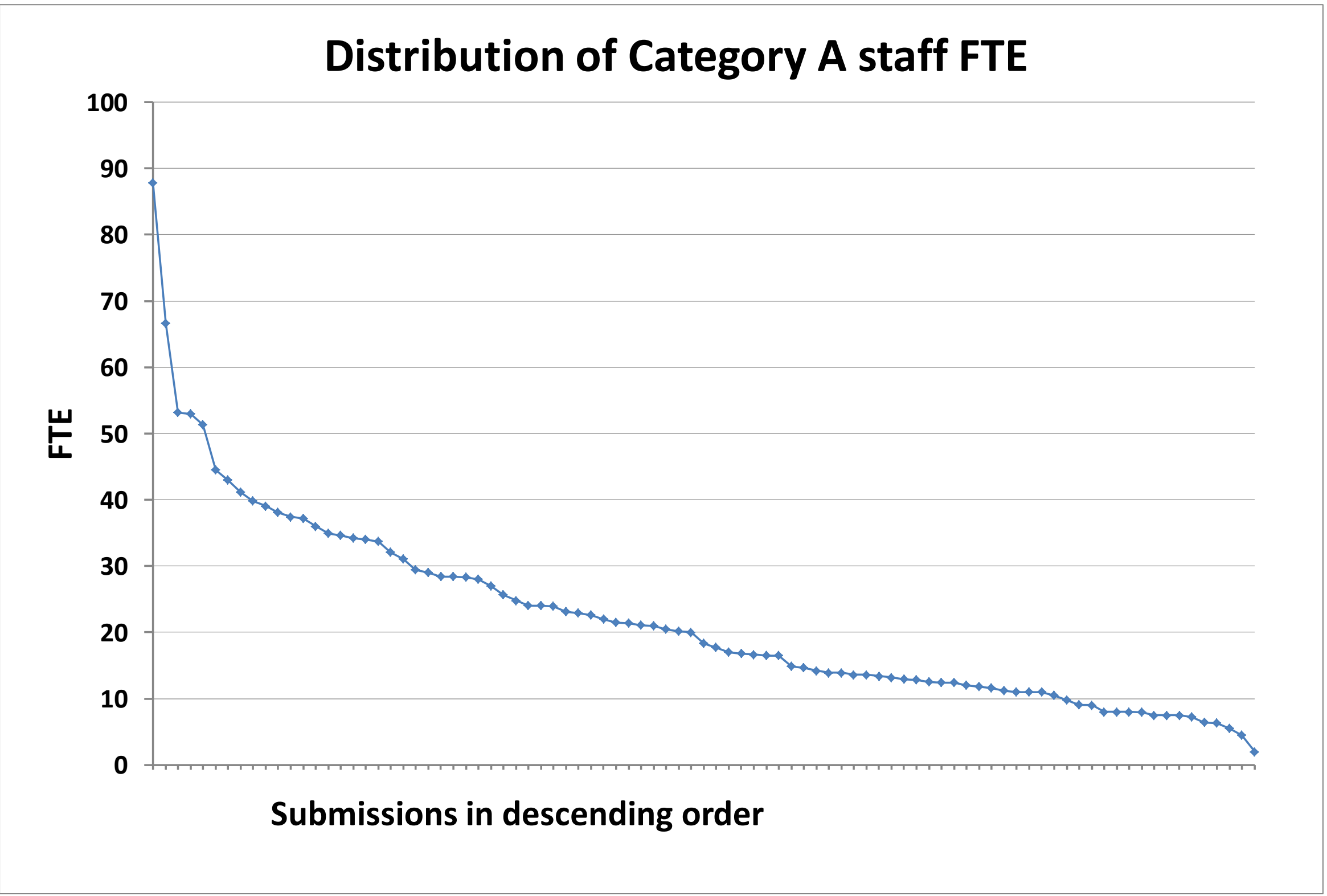
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
12.78	13.41	12.39	13.89	15.69



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	33	41	22	4	0
Outputs	28.6	41.7	25.3	4.1	0.3
Impact	35.8	47	13.6	3.4	0.2
Environment	46.3	35	14.9	3.4	0.4

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.

REF 2014: Unit of assessment summary data

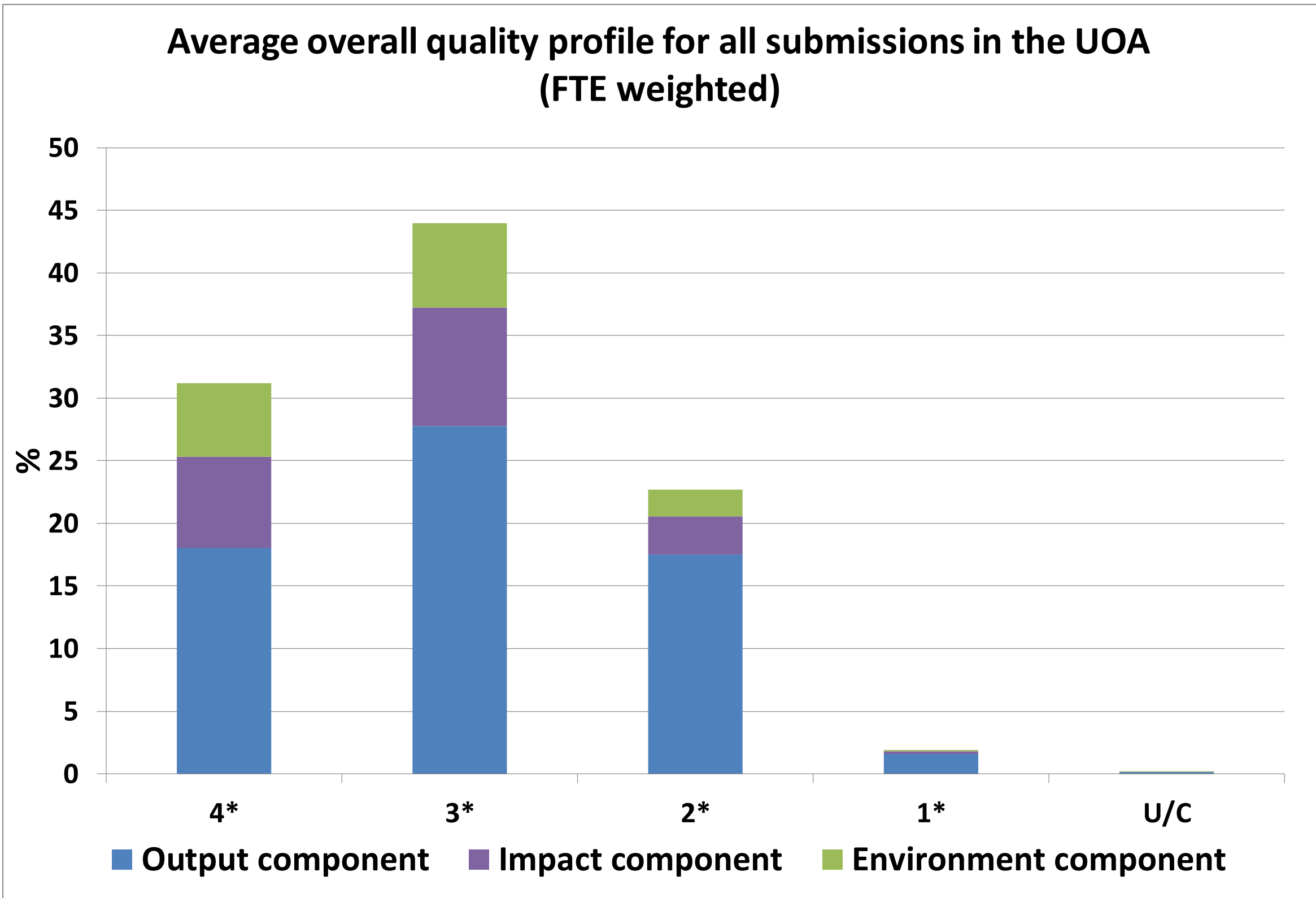
UOA 30: History

Submission information

Number of submissions	83
Category A FTE staff submitted	1,786
Headcounts of category A and C staff submitted	1,885
Headcounts of early career researchers (REF1a)	340
Number of outputs submitted	6,458
Number of case studies submitted	267

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
394	424	475	473	503

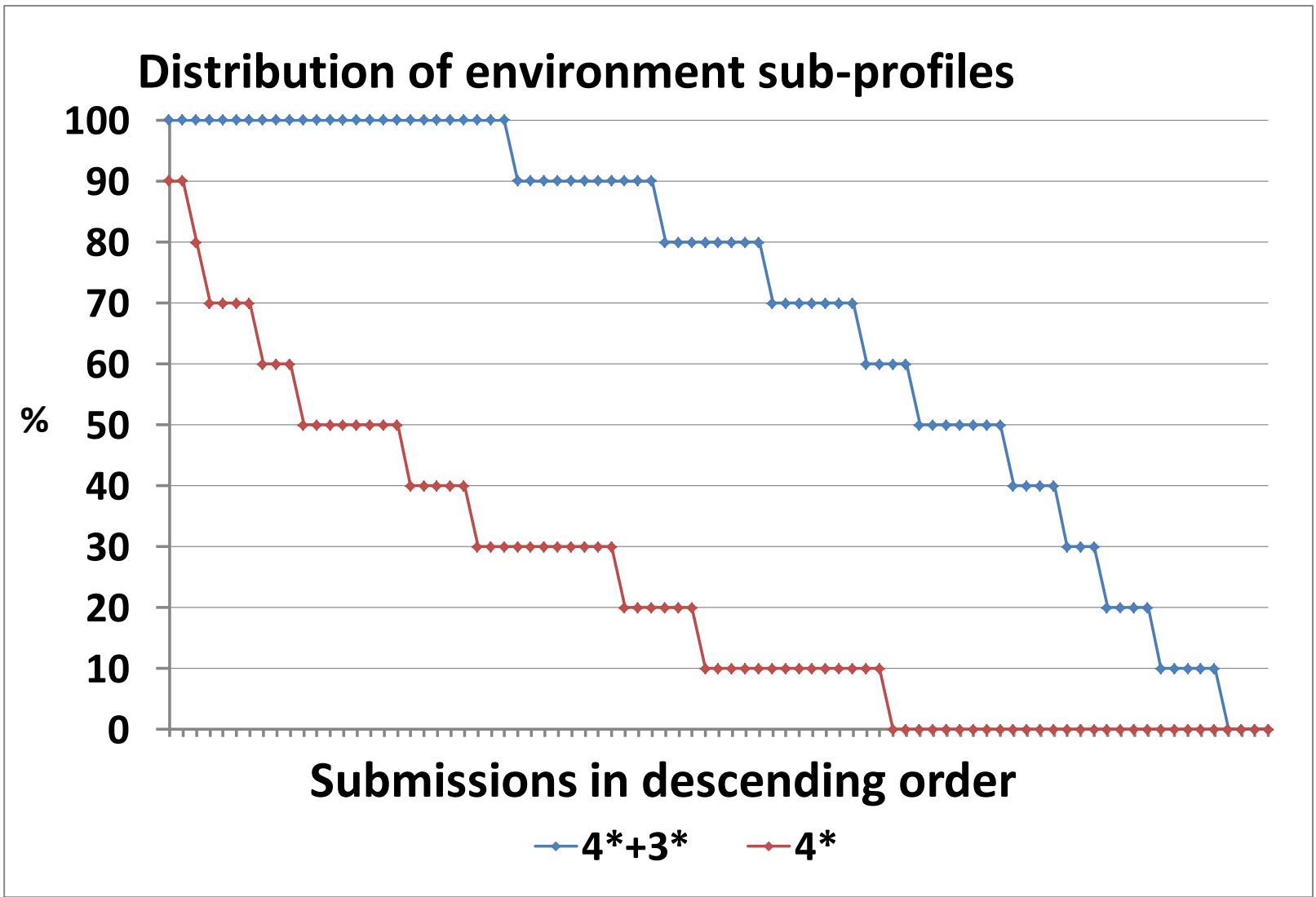
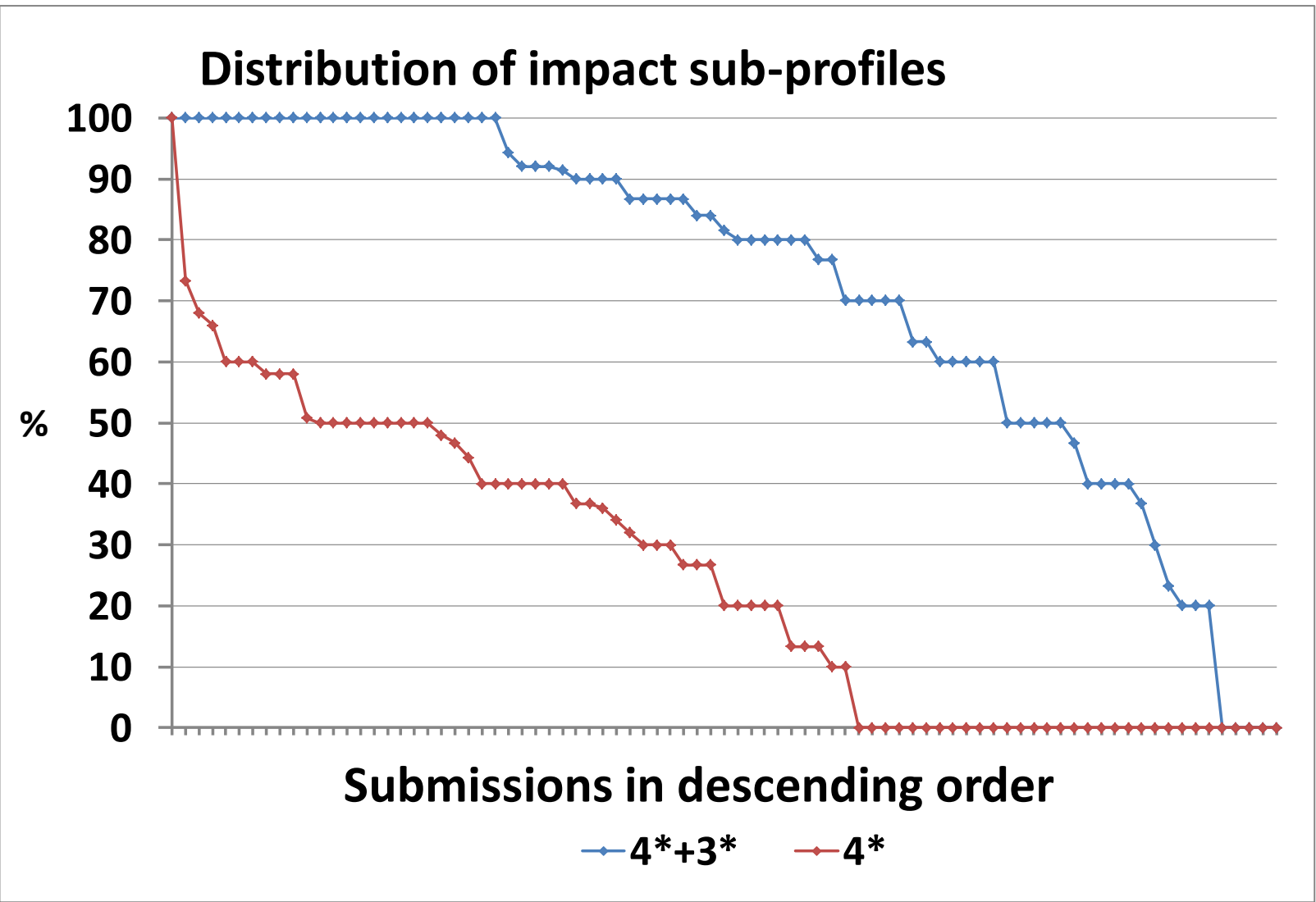
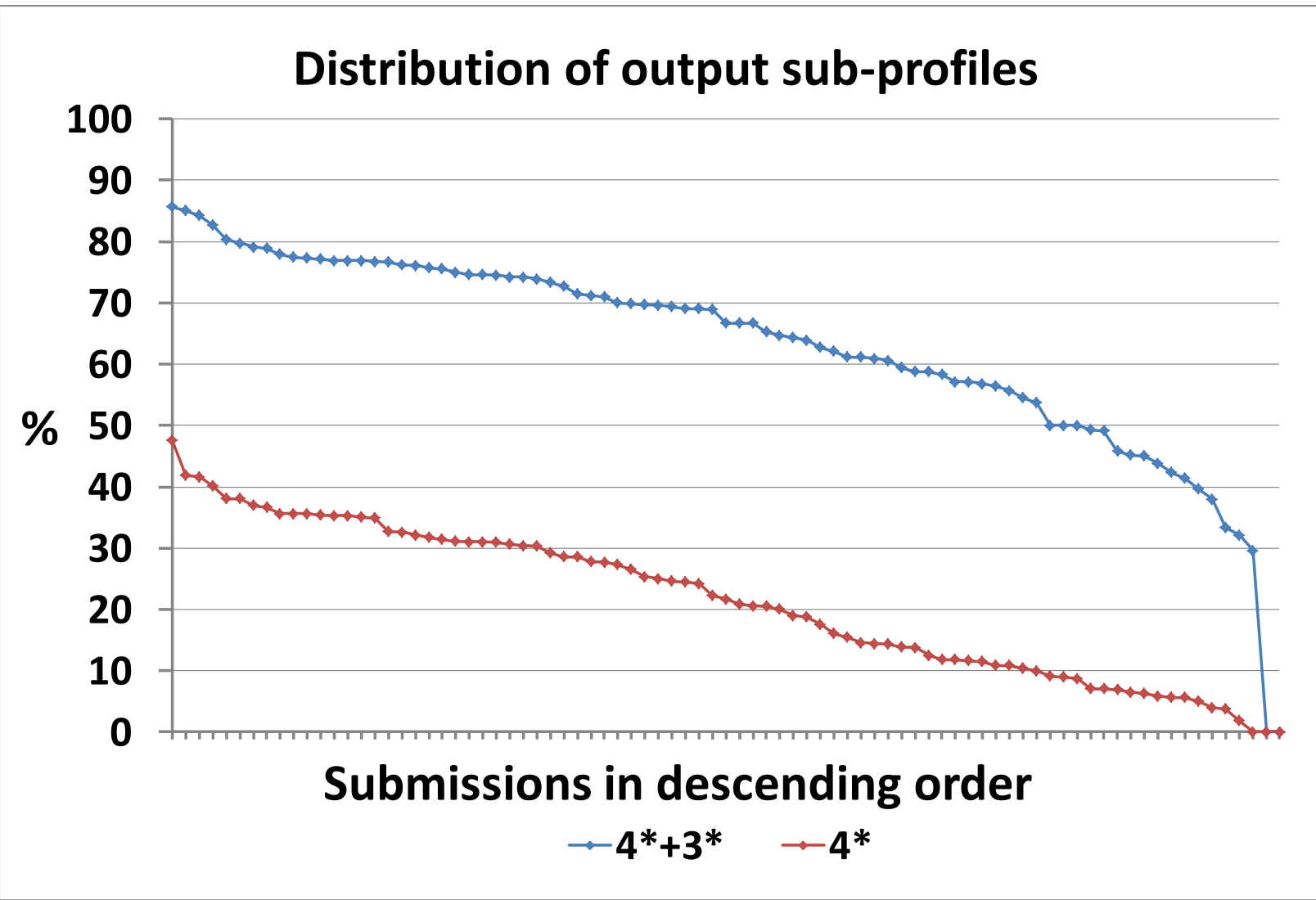
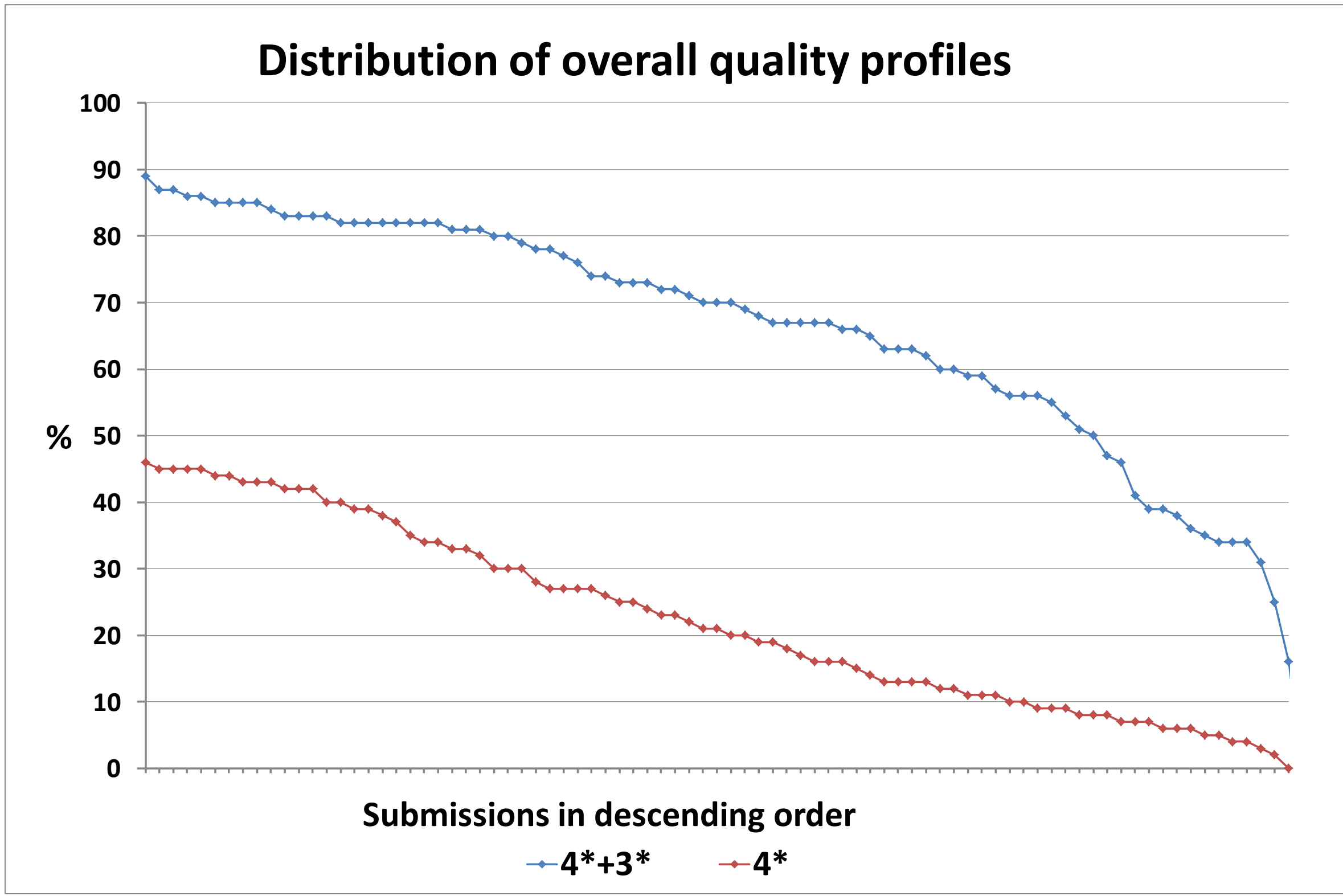
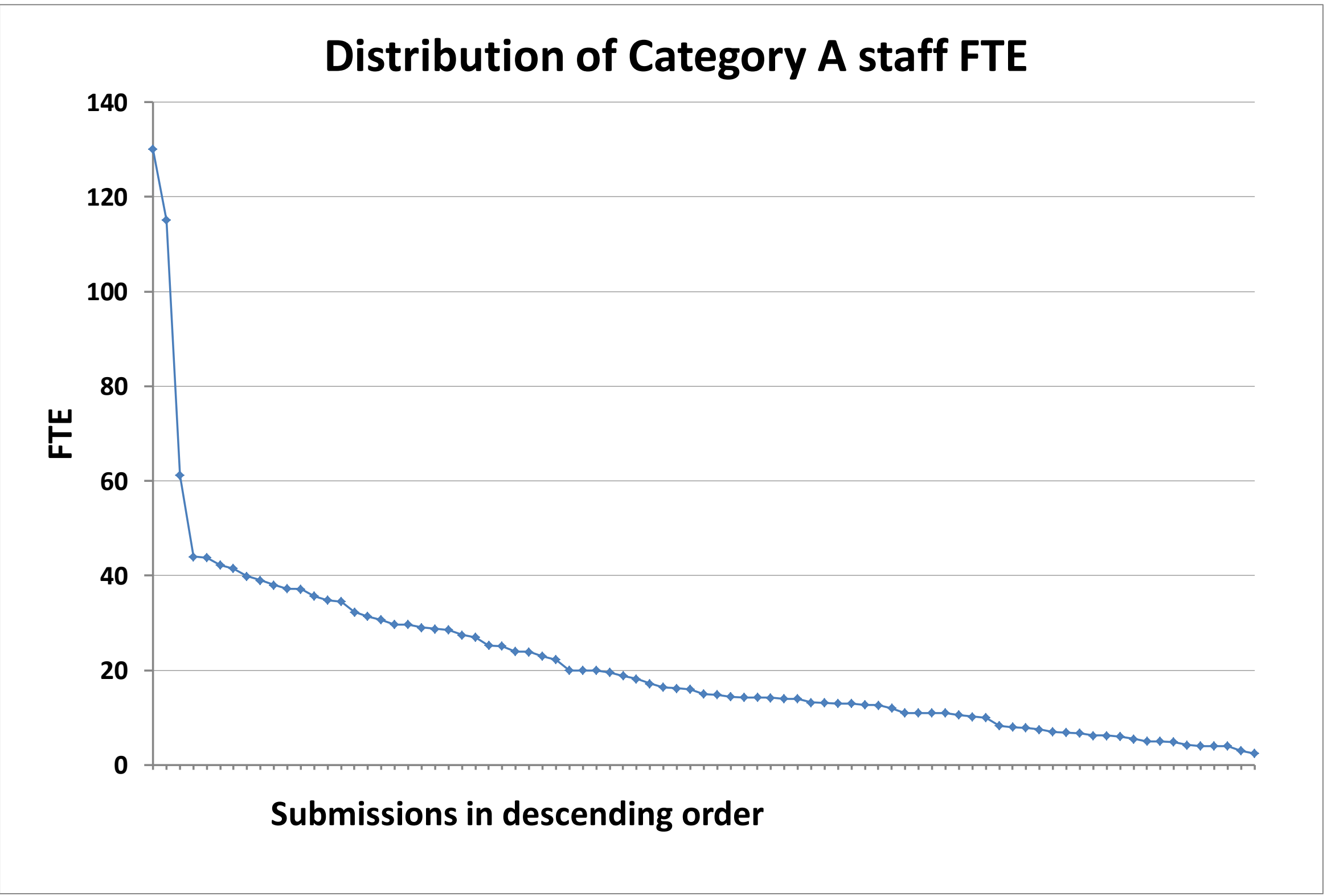
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
24.33	23.26	22.13	22.23	23.80



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	31	44	23	2	0
Outputs	27.8	42.7	26.9	2.4	0.2
Impact	36.1	47.3	15.4	1.1	0.1
Environment	39.5	45.2	14.2	1	0.1

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.



REF 2014: Unit of assessment summary data

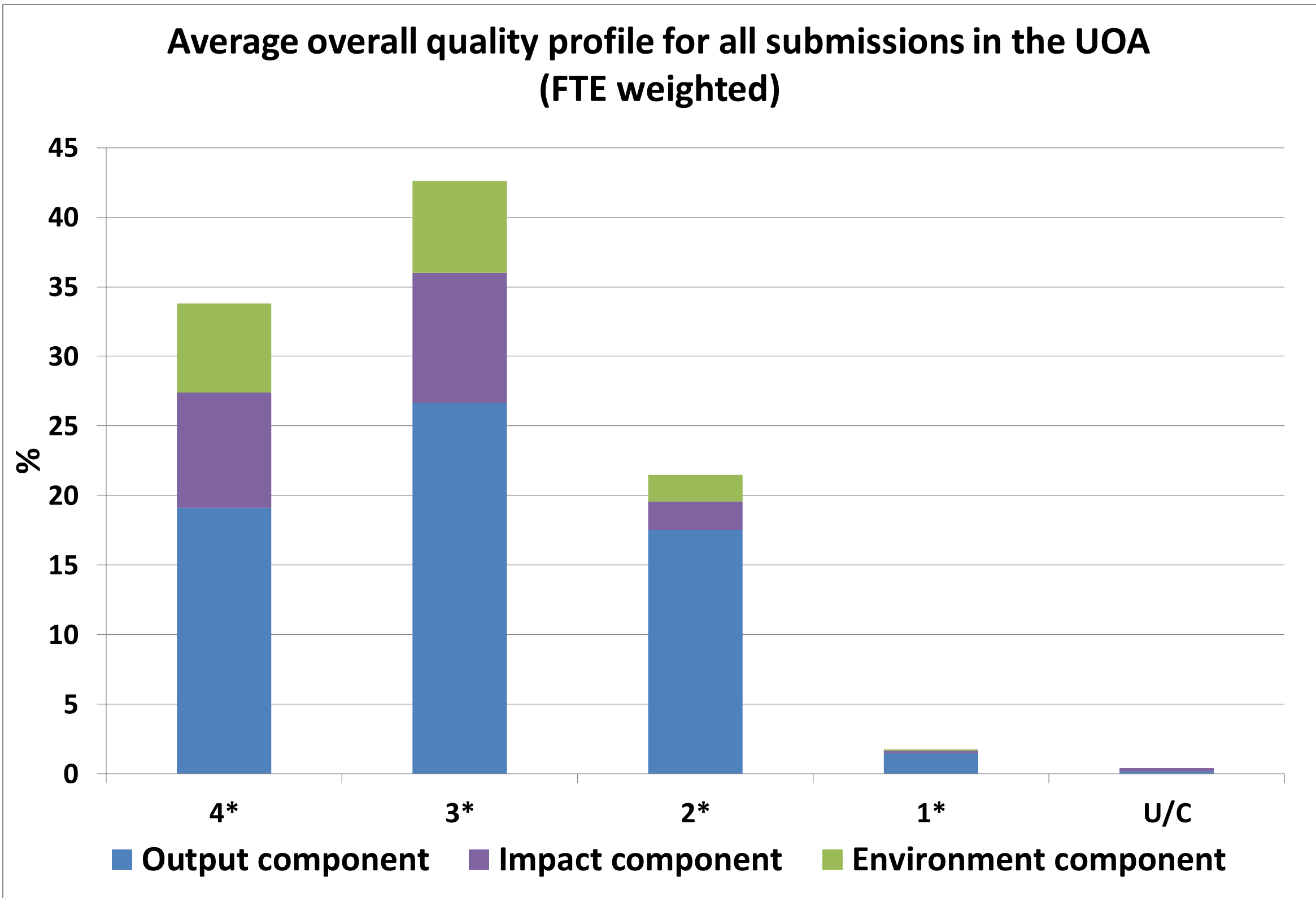
UOA 31: Classics

Submission information

Number of submissions	22
Category A FTE staff submitted	383
Headcounts of category A and C staff submitted	401
Headcounts of early career researchers (REF1a)	60
Number of outputs submitted	1,388
Number of case studies submitted	59

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
81	84	99	86	109

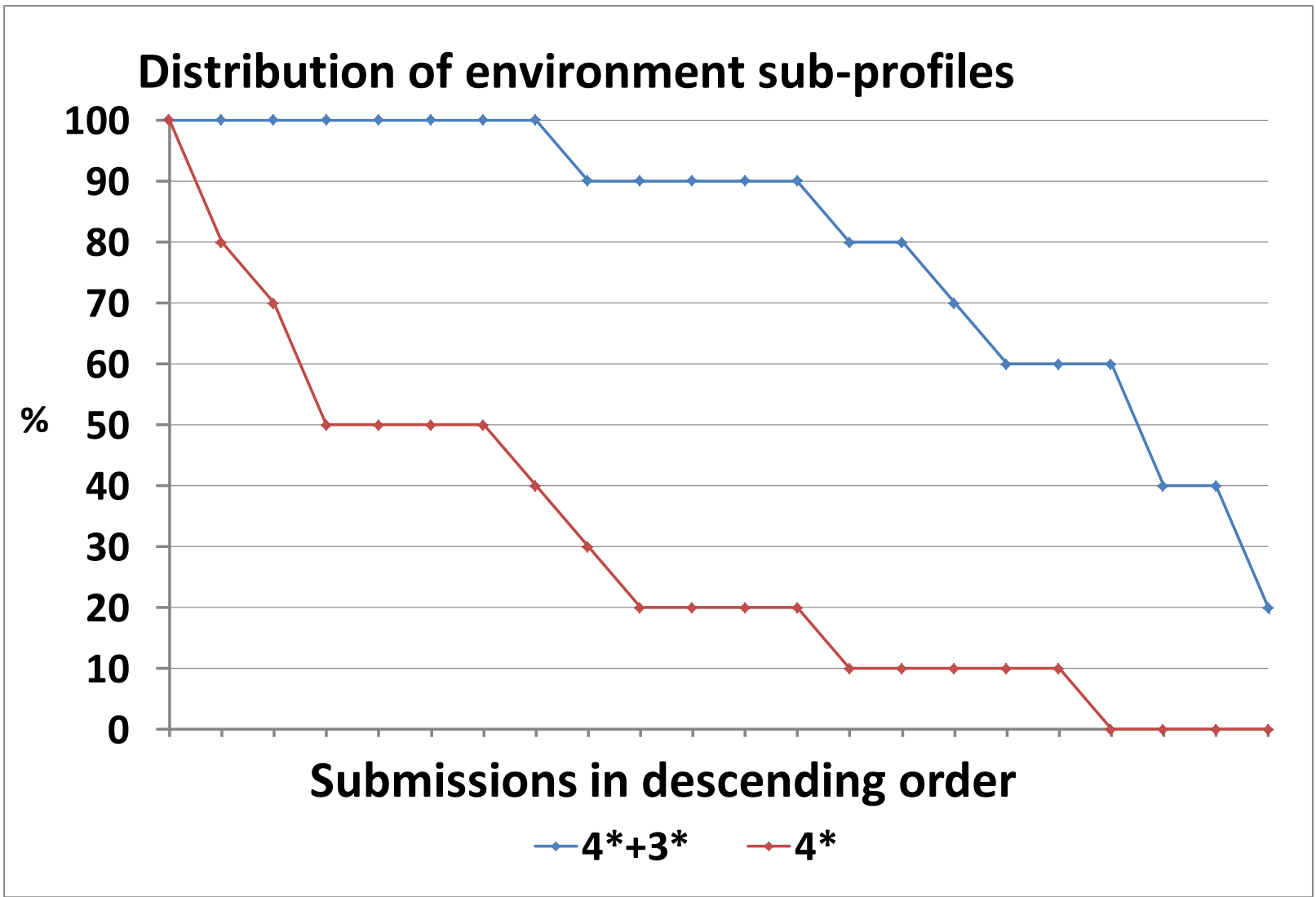
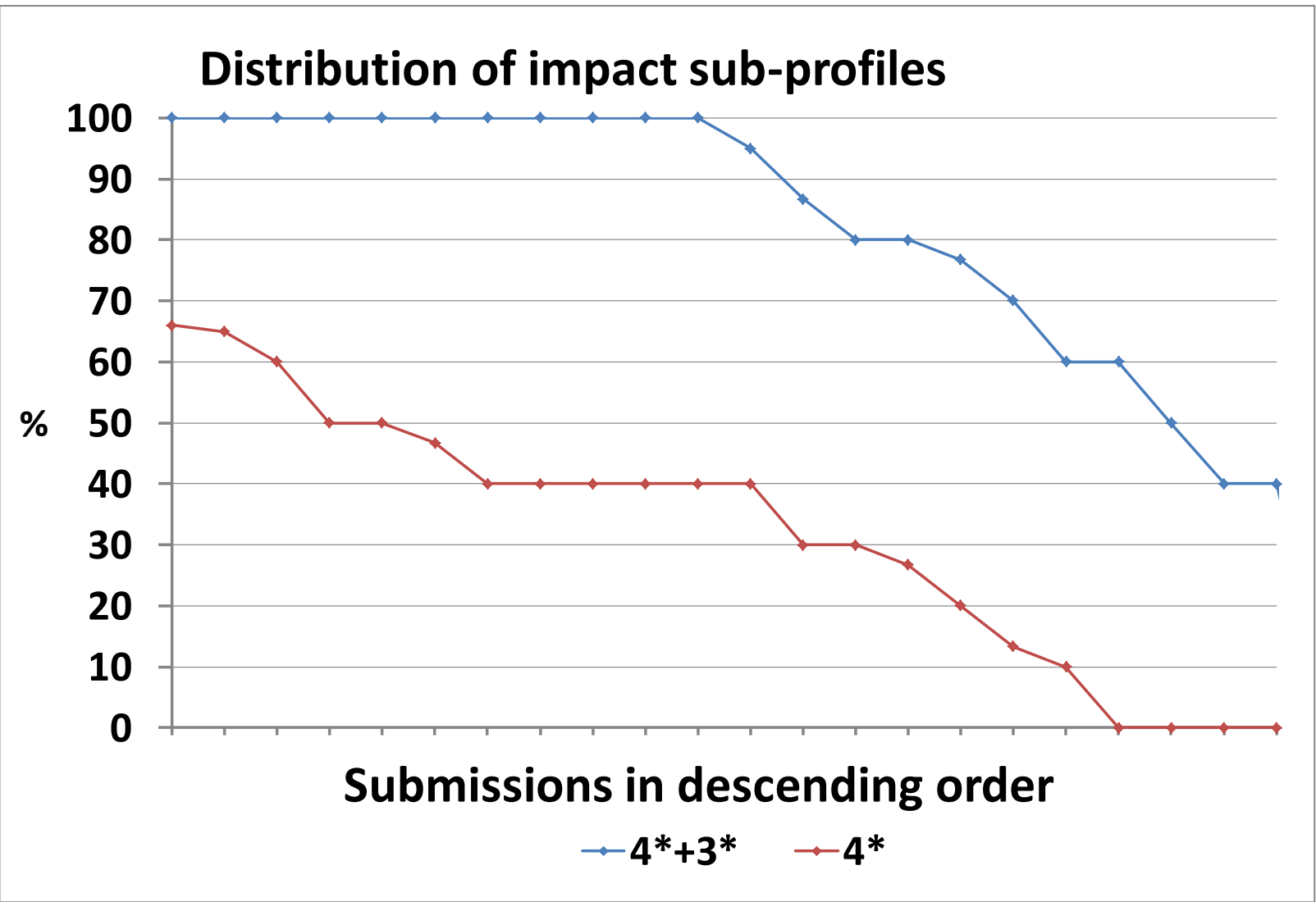
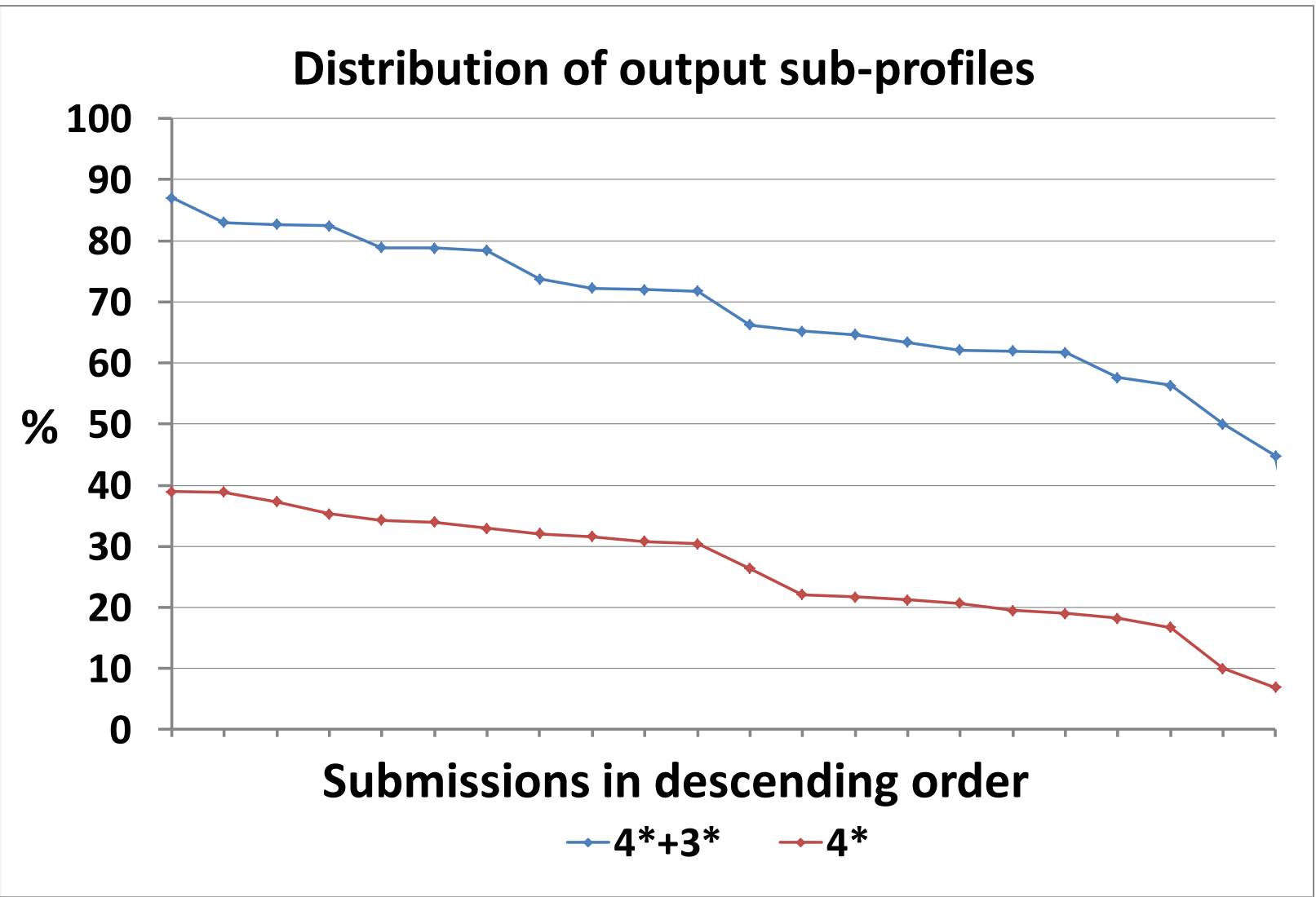
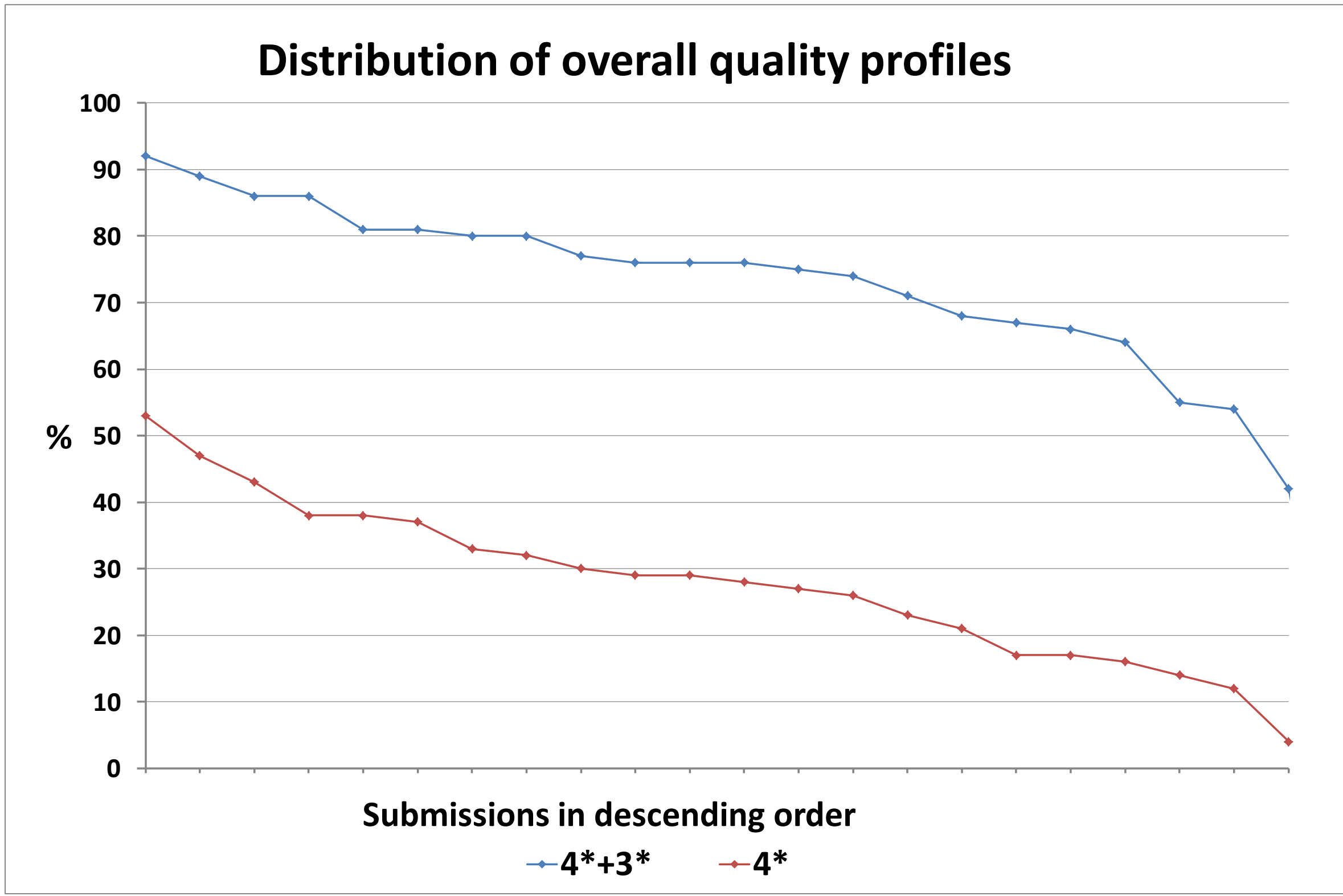
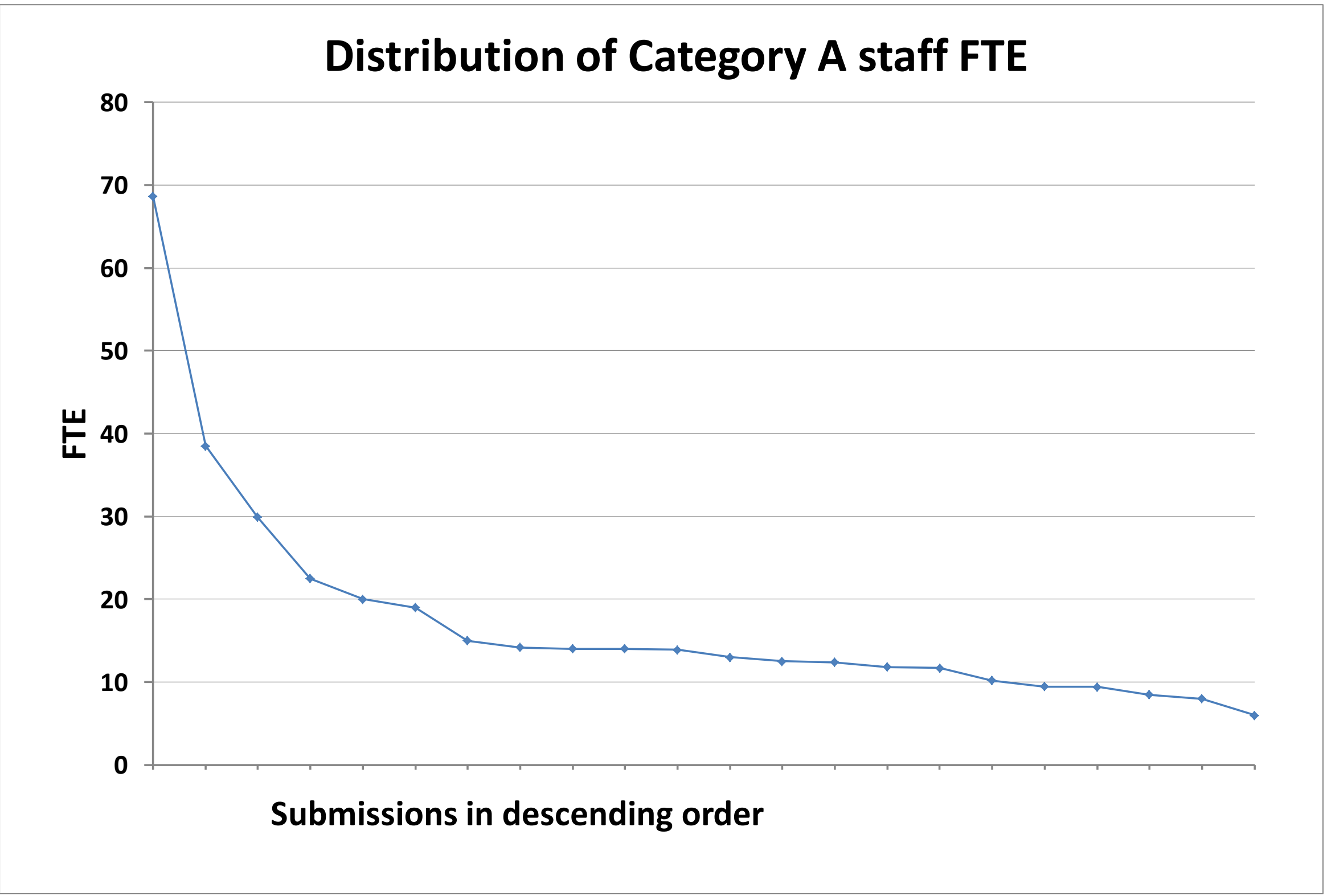
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
5.98	6.54	6.05	5.66	5.94



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	34	42	22	2	0
Outputs	29.4	41	27	2.3	0.3
Impact	41.4	46.8	10	0.8	1
Environment	42.6	43.9	12.8	0.7	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.

REF 2014: Unit of assessment summary data

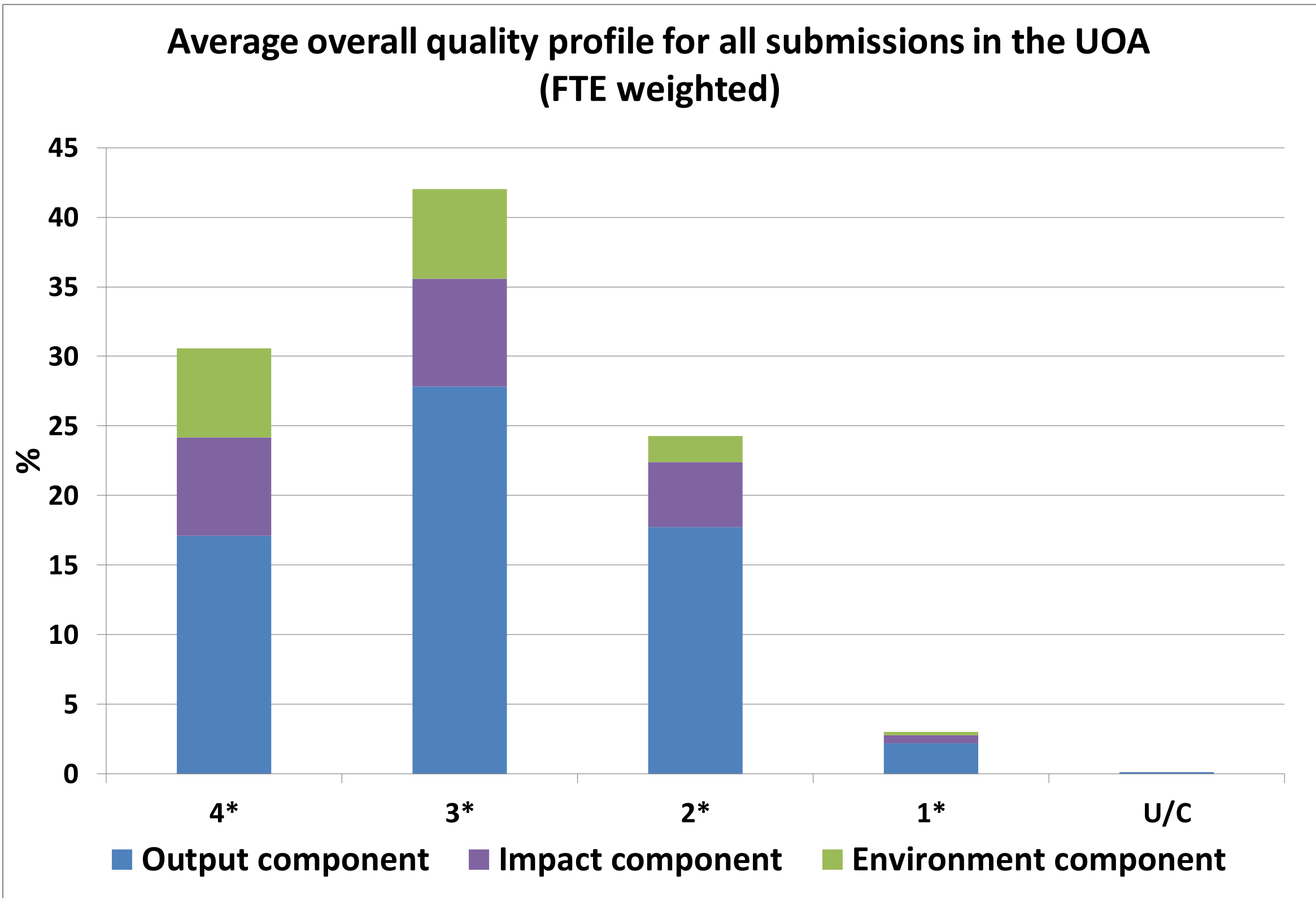
UOA 32: Philosophy

Submission information

Number of submissions	40
Category A FTE staff submitted	591
Headcounts of category A and C staff submitted	641
Headcounts of early career researchers (REF1a)	142
Number of outputs submitted	2,174
Number of case studies submitted	101

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
133	104	148	156	173

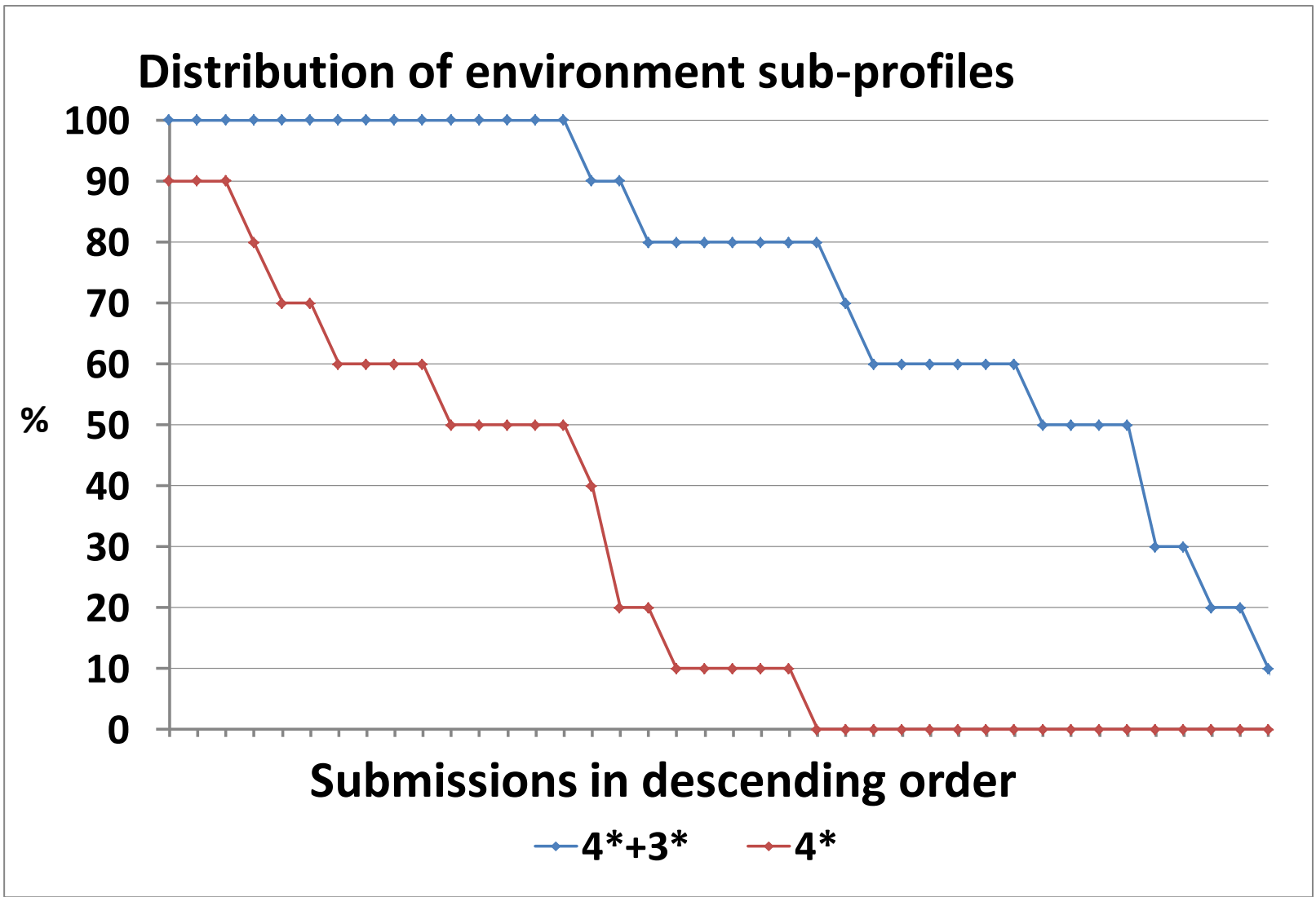
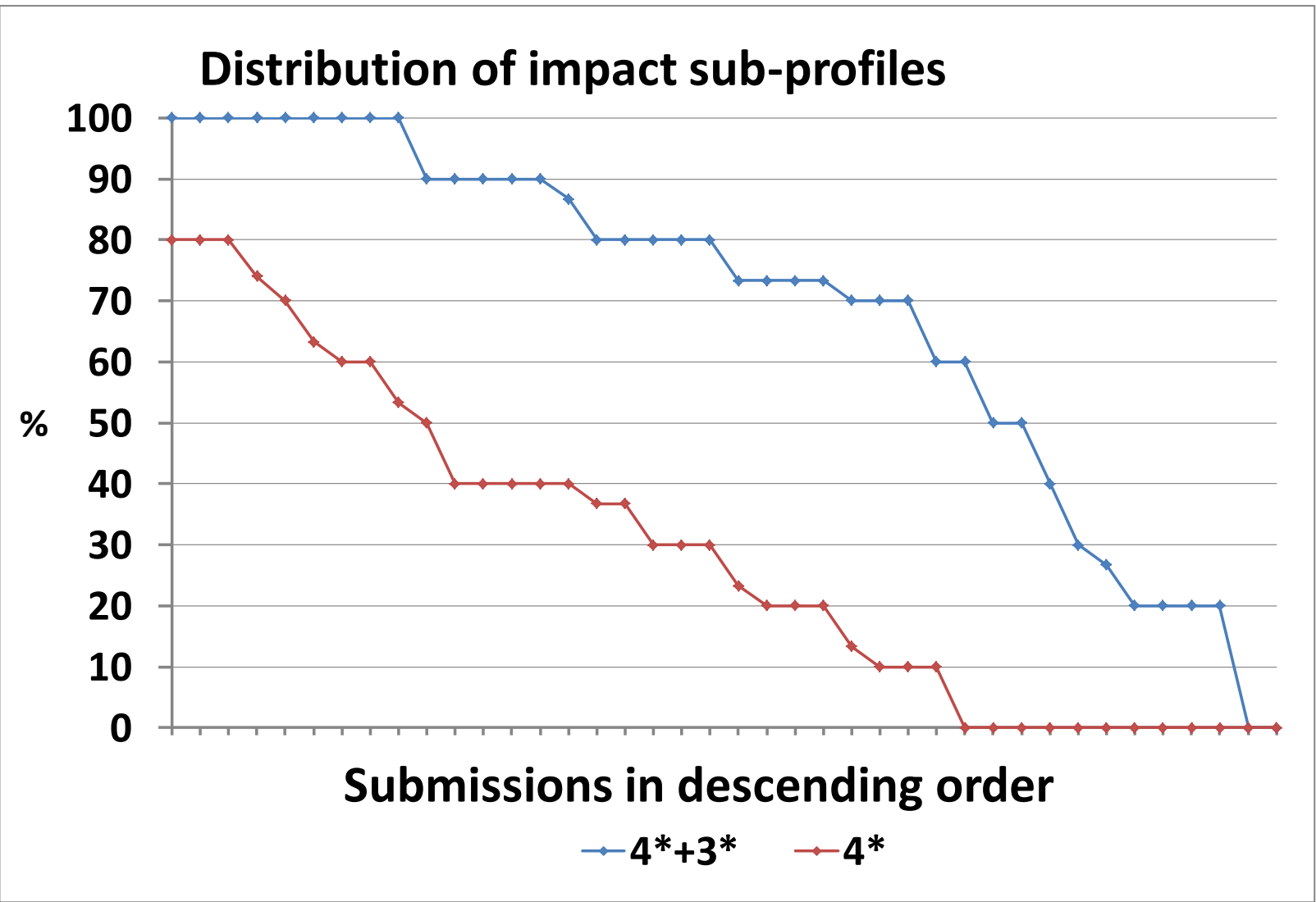
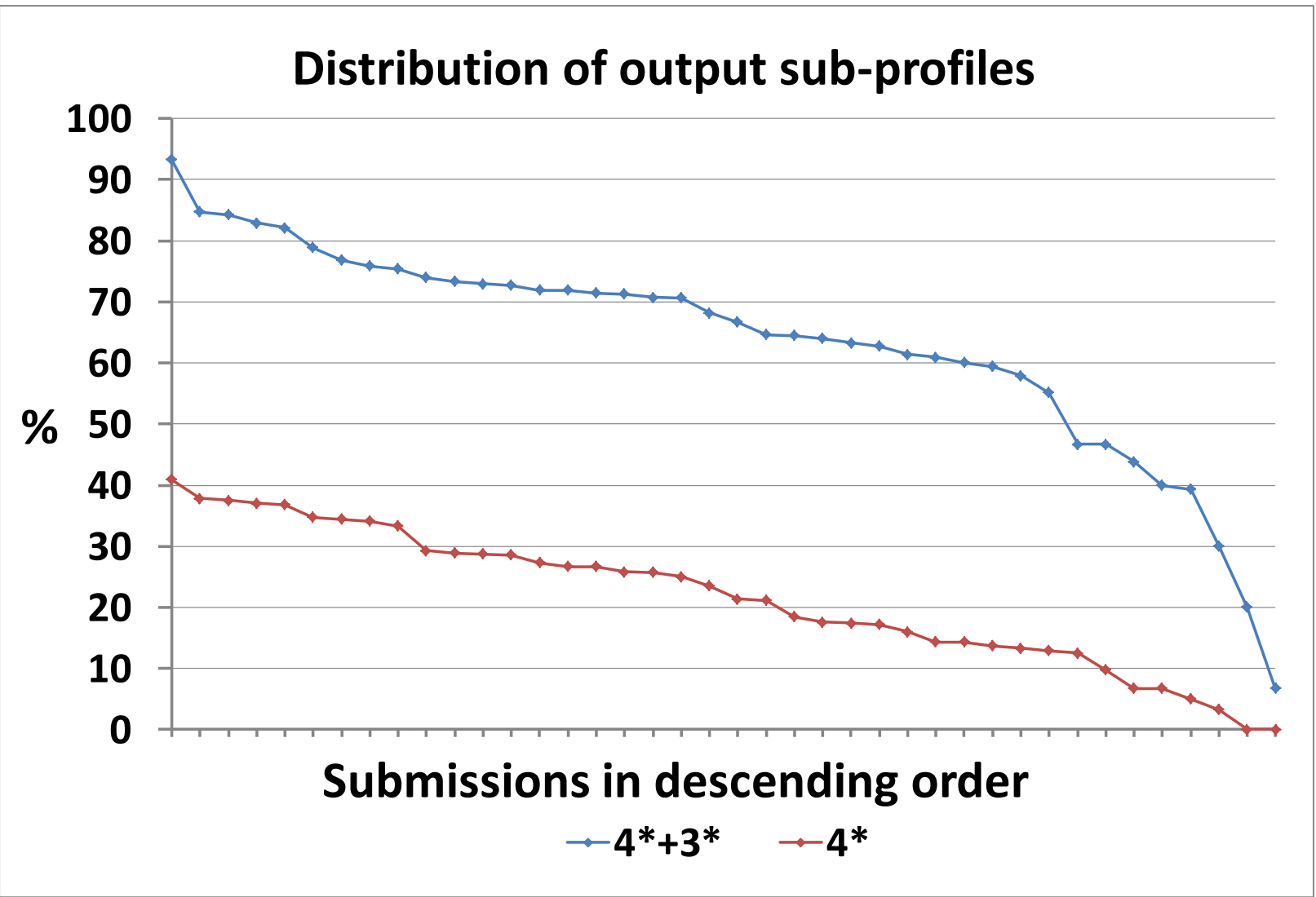
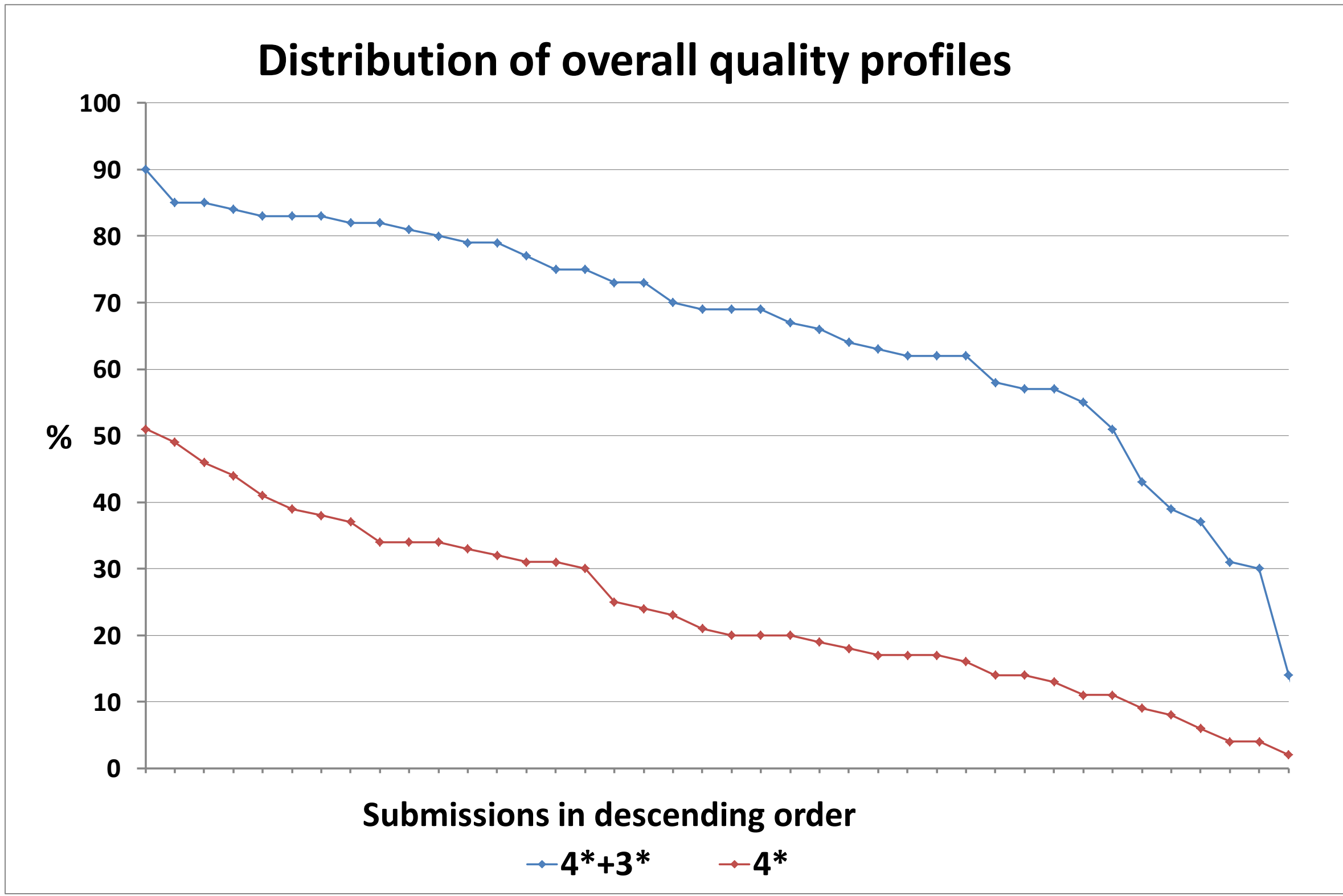
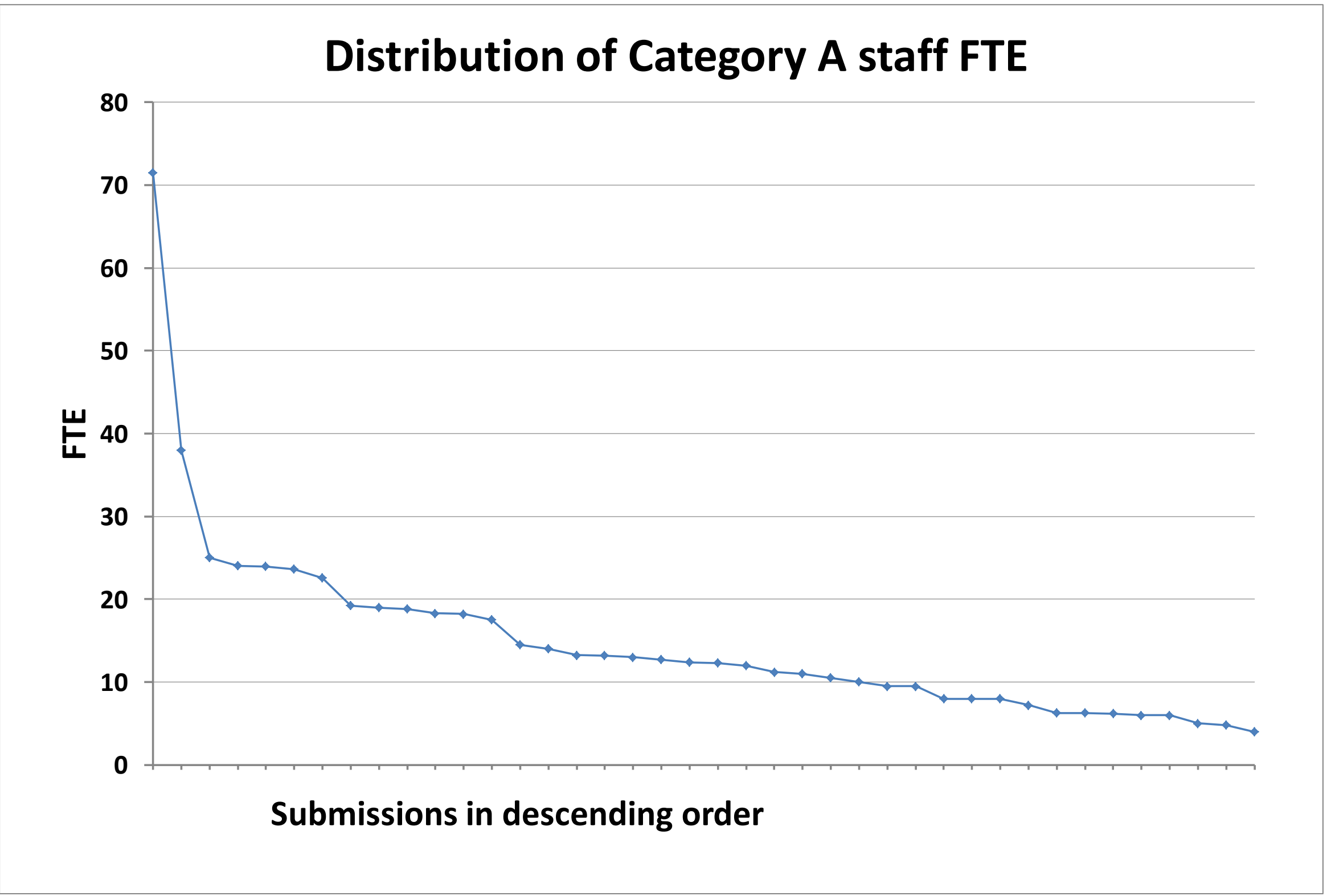
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
6.26	8.09	8.75	8.90	8.21



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	31	42	24	3	0
Outputs	26.3	42.8	27.3	3.4	0.2
Impact	35.3	38.7	23.3	2.7	0
Environment	42.7	43.2	12.4	1.7	0

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.



REF 2014: Unit of assessment summary data

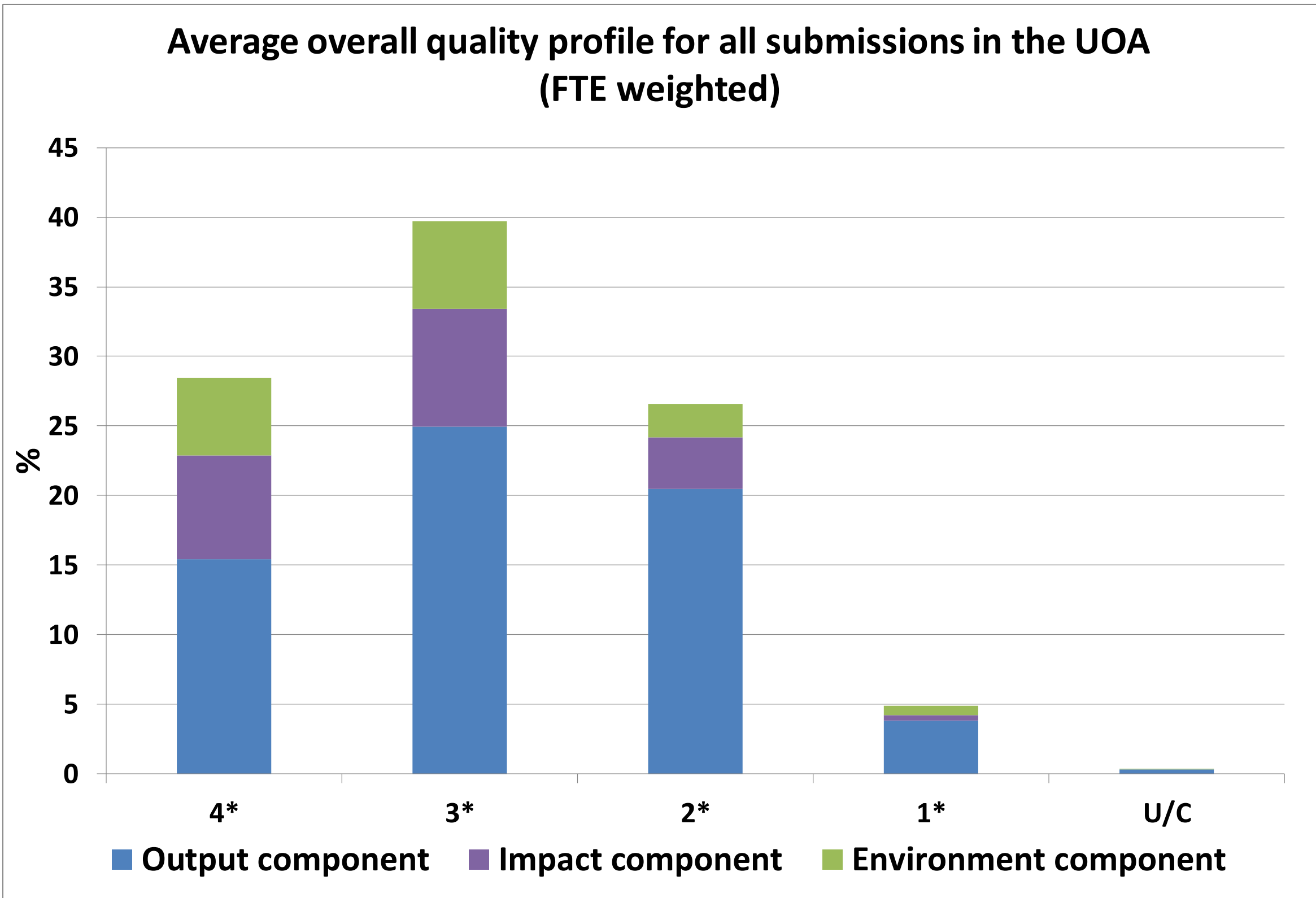
UOA 33: Theology and Religious Studies

Submission information

Number of submissions	33
Category A FTE staff submitted	413
Headcounts of category A and C staff submitted	443
Headcounts of early career researchers (REF1a)	60
Number of outputs submitted	1,562
Number of case studies submitted	78

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
230	224	293	285	278

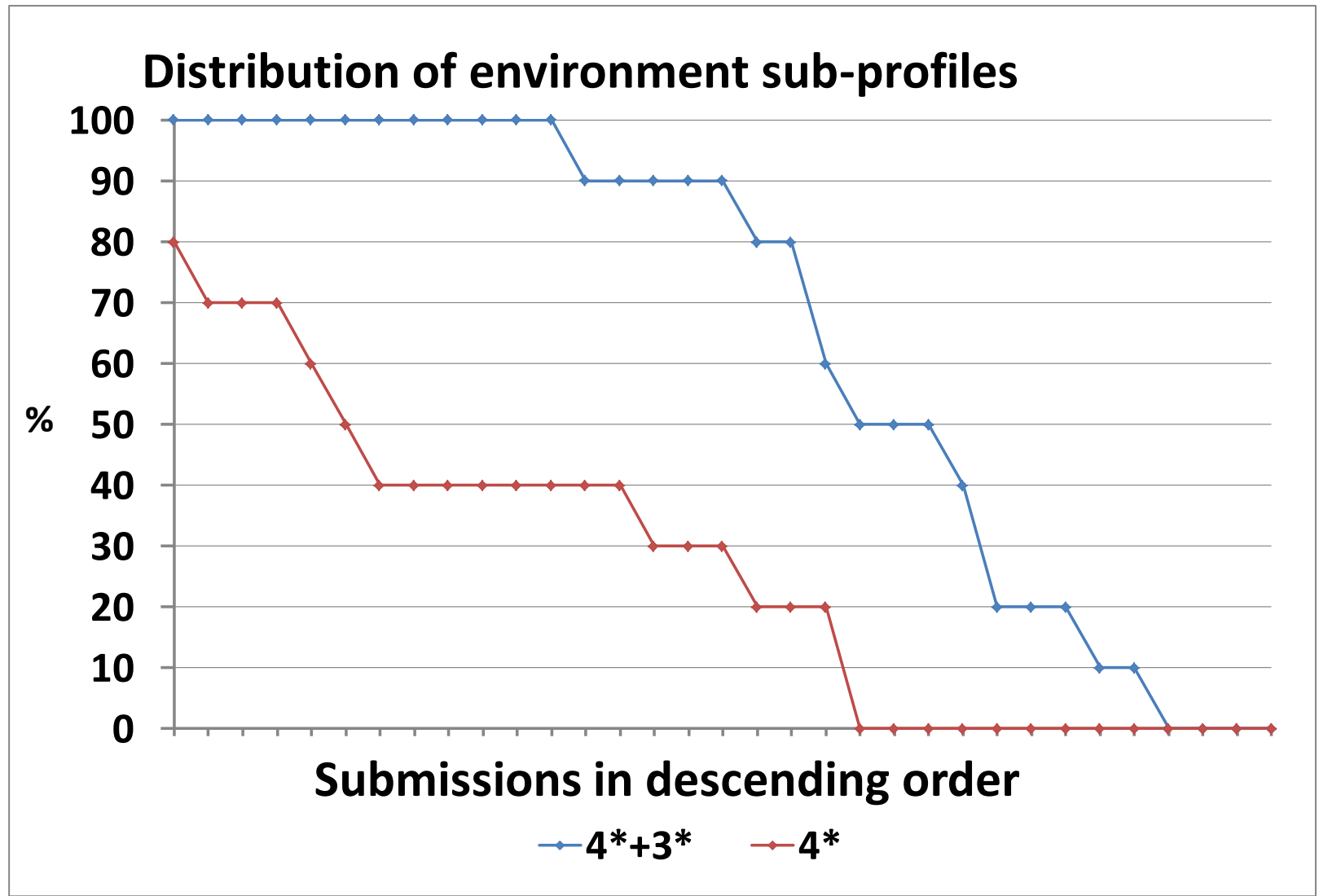
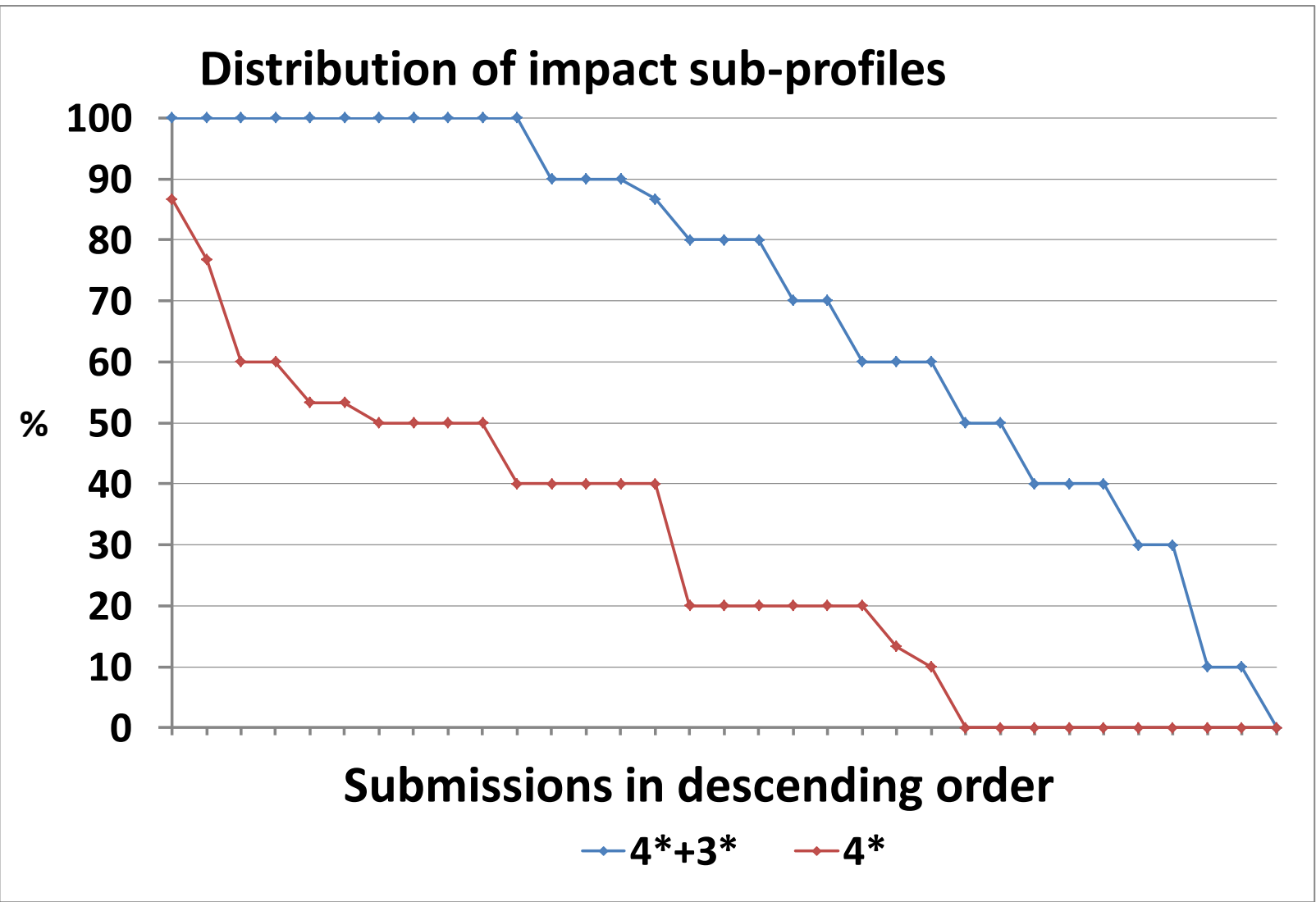
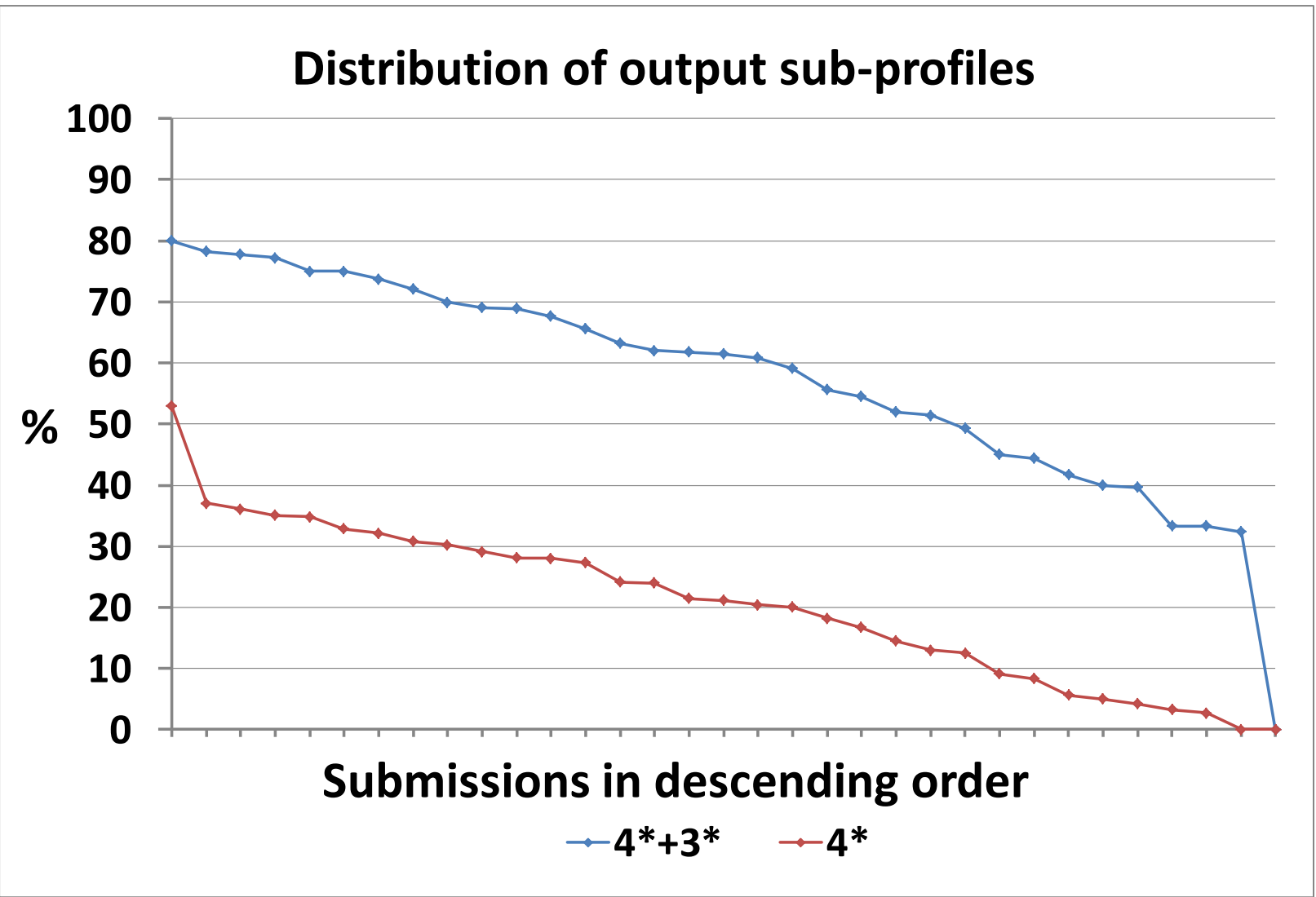
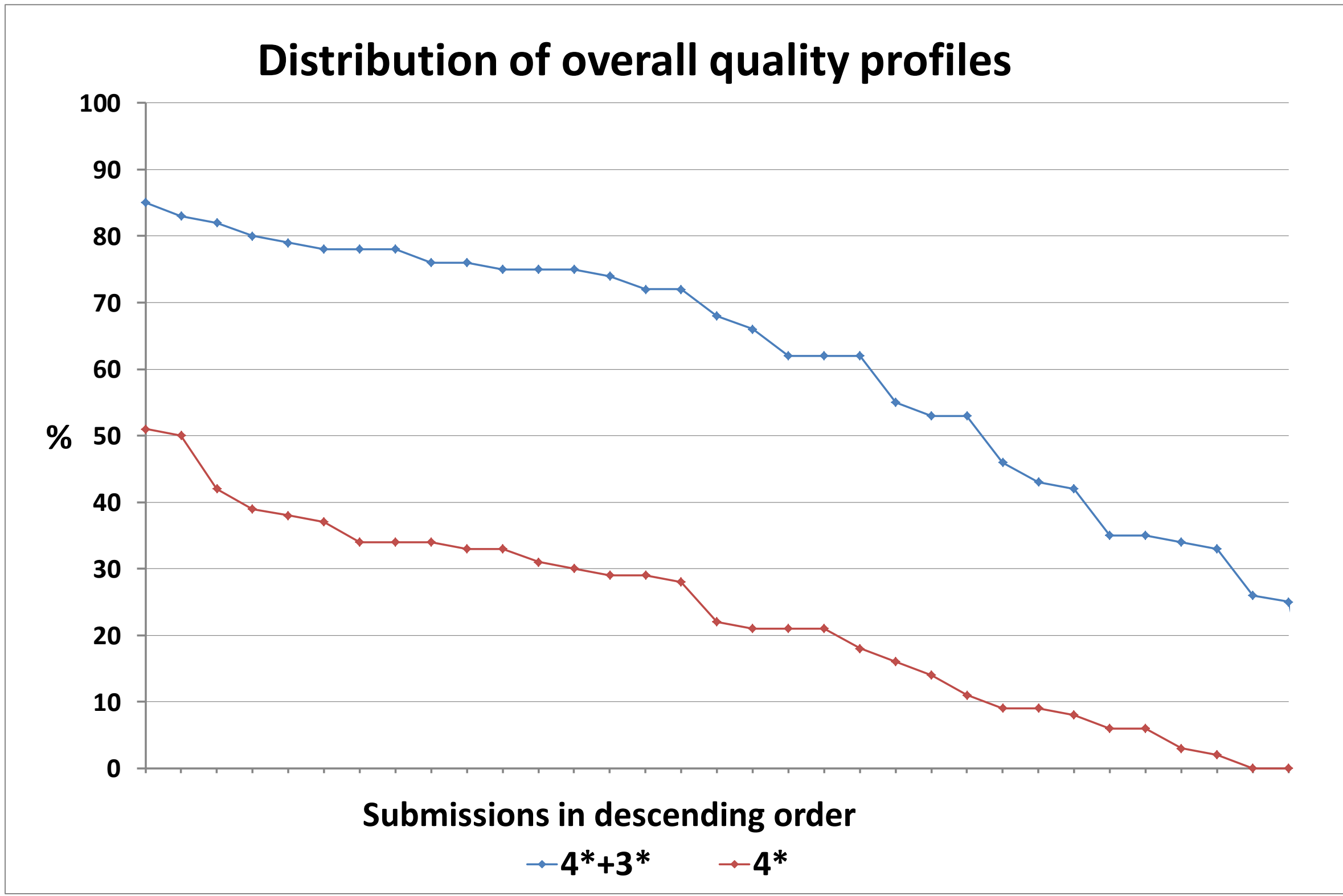
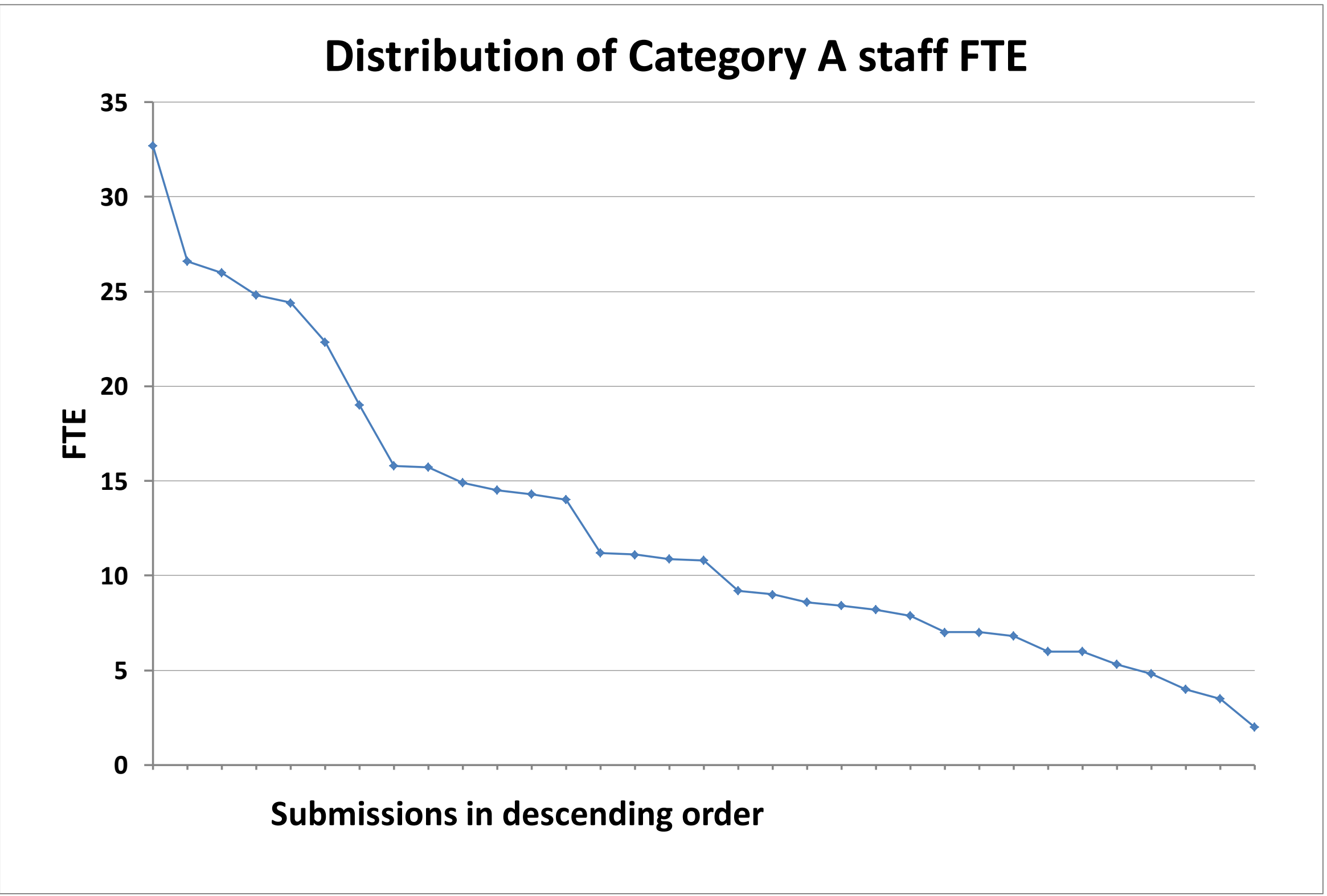
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
5.22	5.14	5.27	5.42	6.27



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	28	40	27	5	0
Outputs	23.7	38.4	31.5	5.9	0.5
Impact	37.4	42.2	18.6	1.8	0
Environment	37.1	42.2	16	4.6	0.1

Distribution of submission size and of the results in the UOA<sup>2</sup>



<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.

REF 2014: Unit of assessment summary data

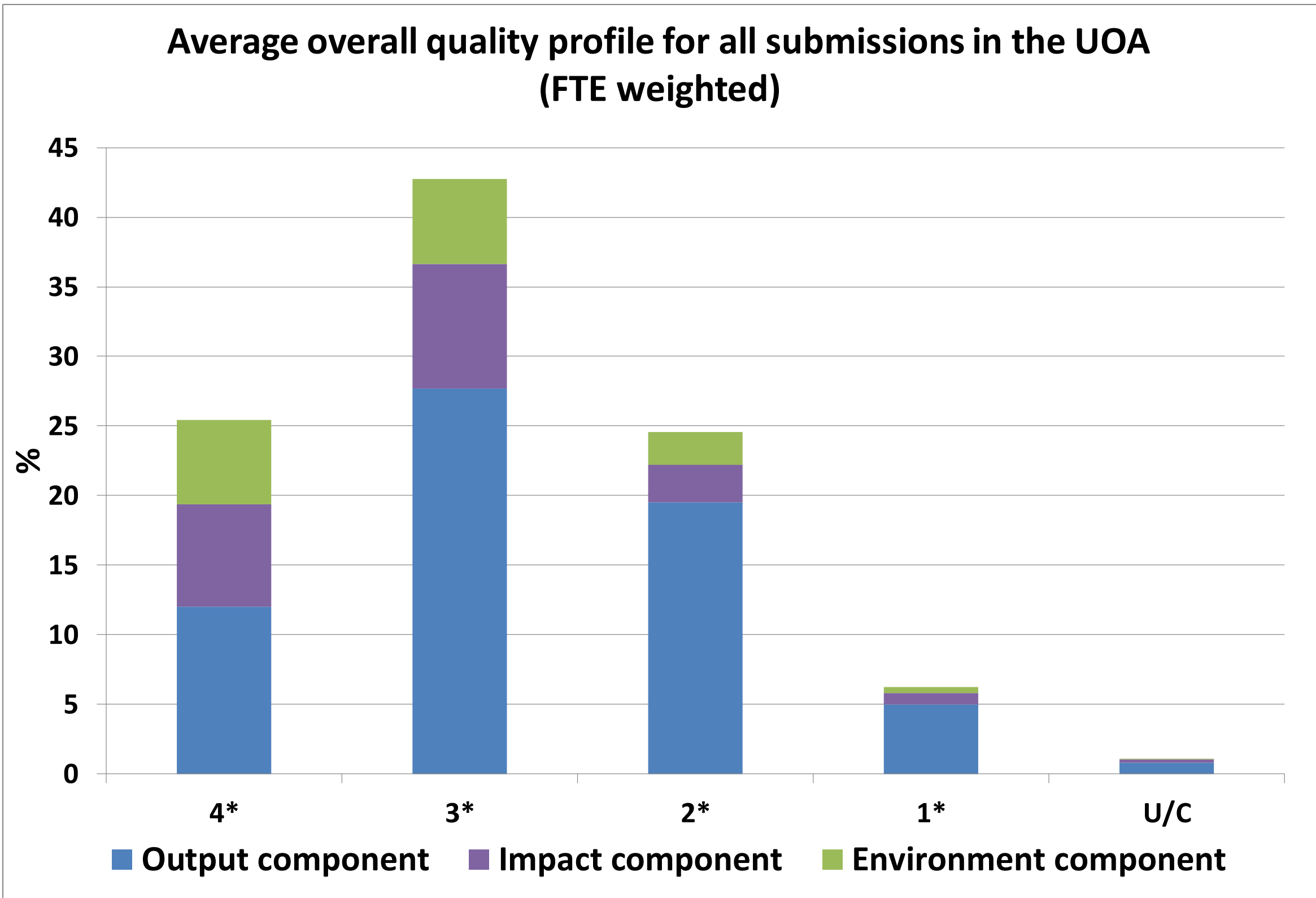
UOA 34: Art and Design: History, Practice and Theory

Submission information

Number of submissions	84
Category A FTE staff submitted	1,604
Headcounts of category A and C staff submitted	2,027
Headcounts of early career researchers (REF1a)	301
Number of outputs submitted	6,356
Number of case studies submitted	239

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
292	298	354	310	407

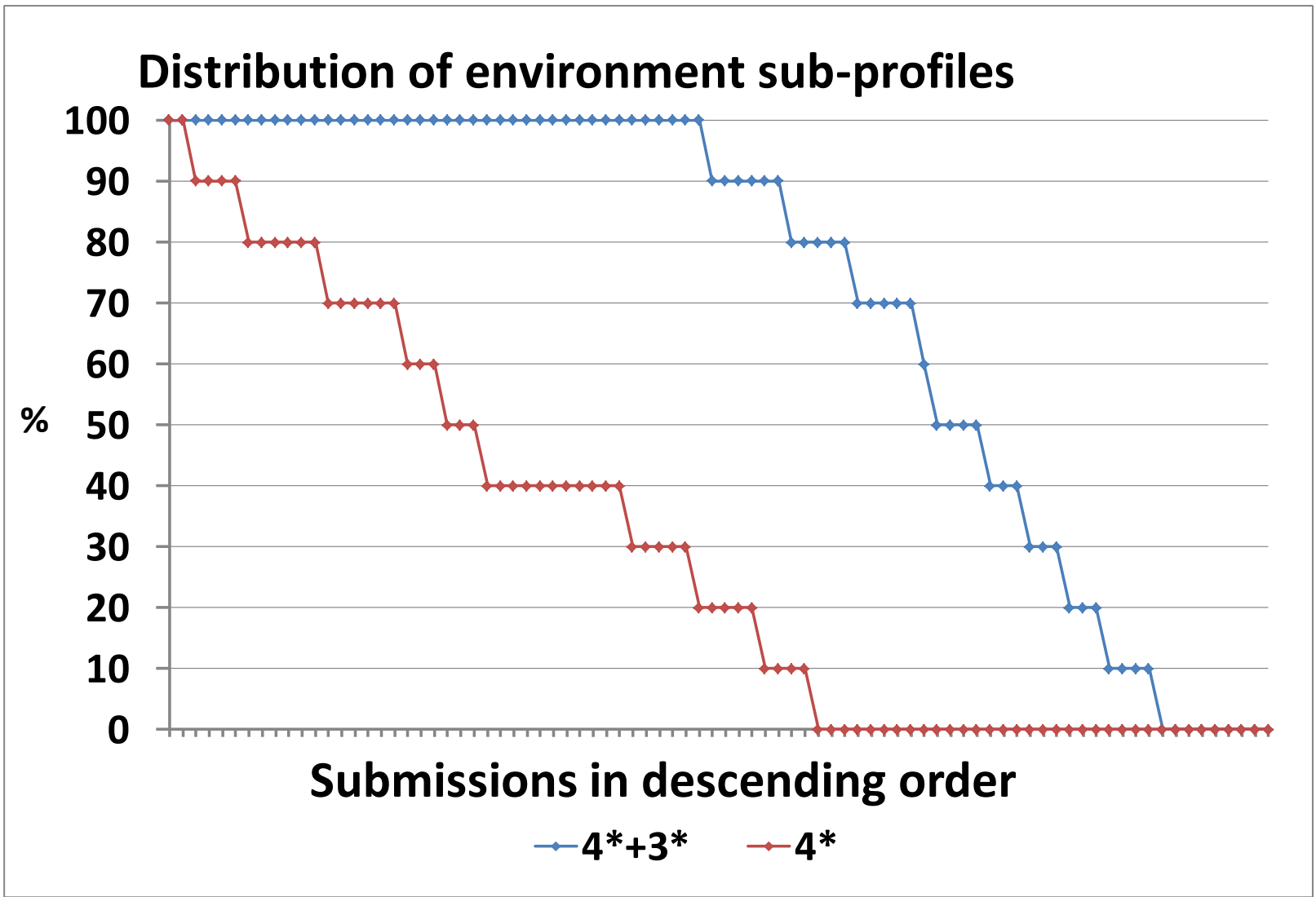
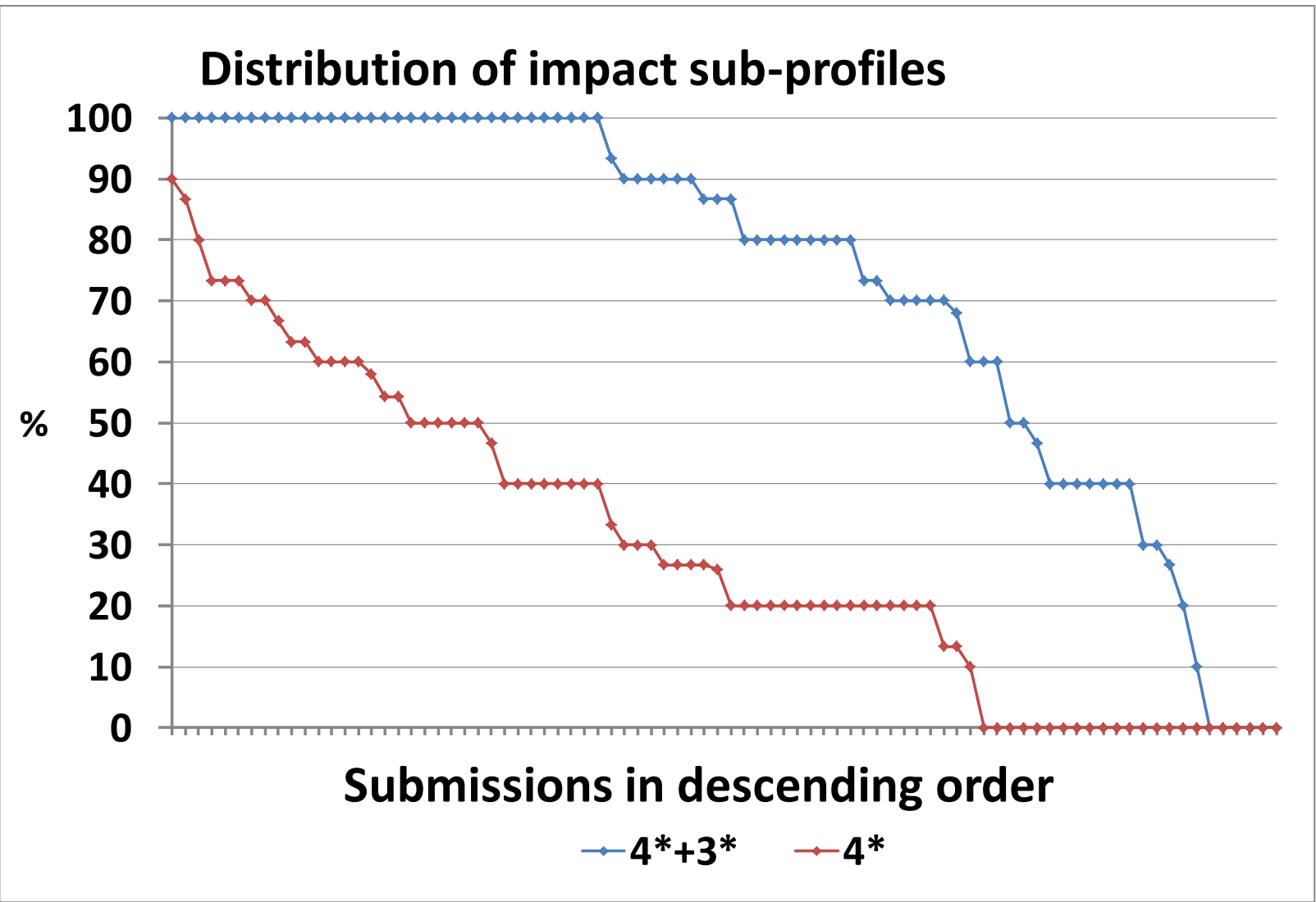
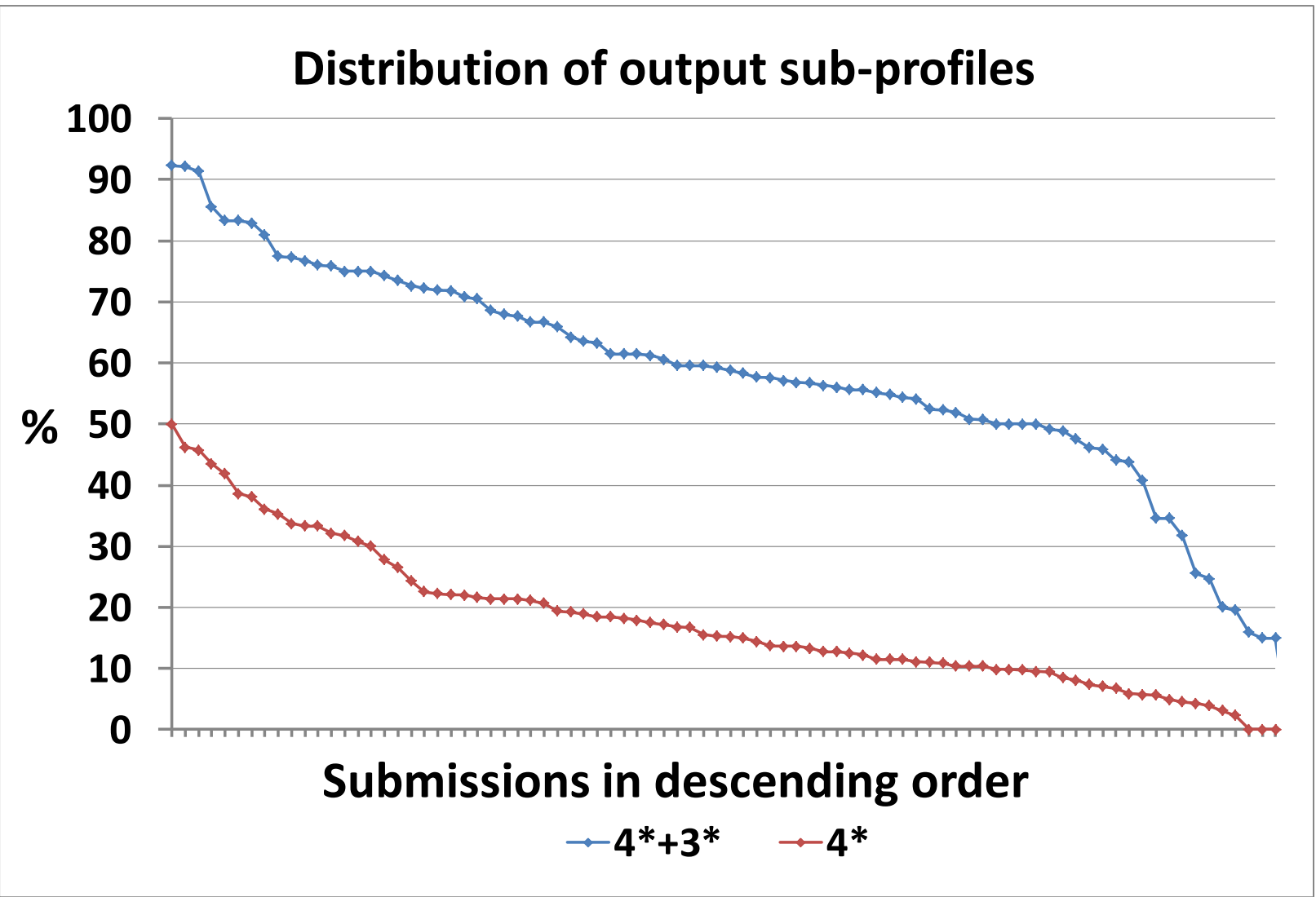
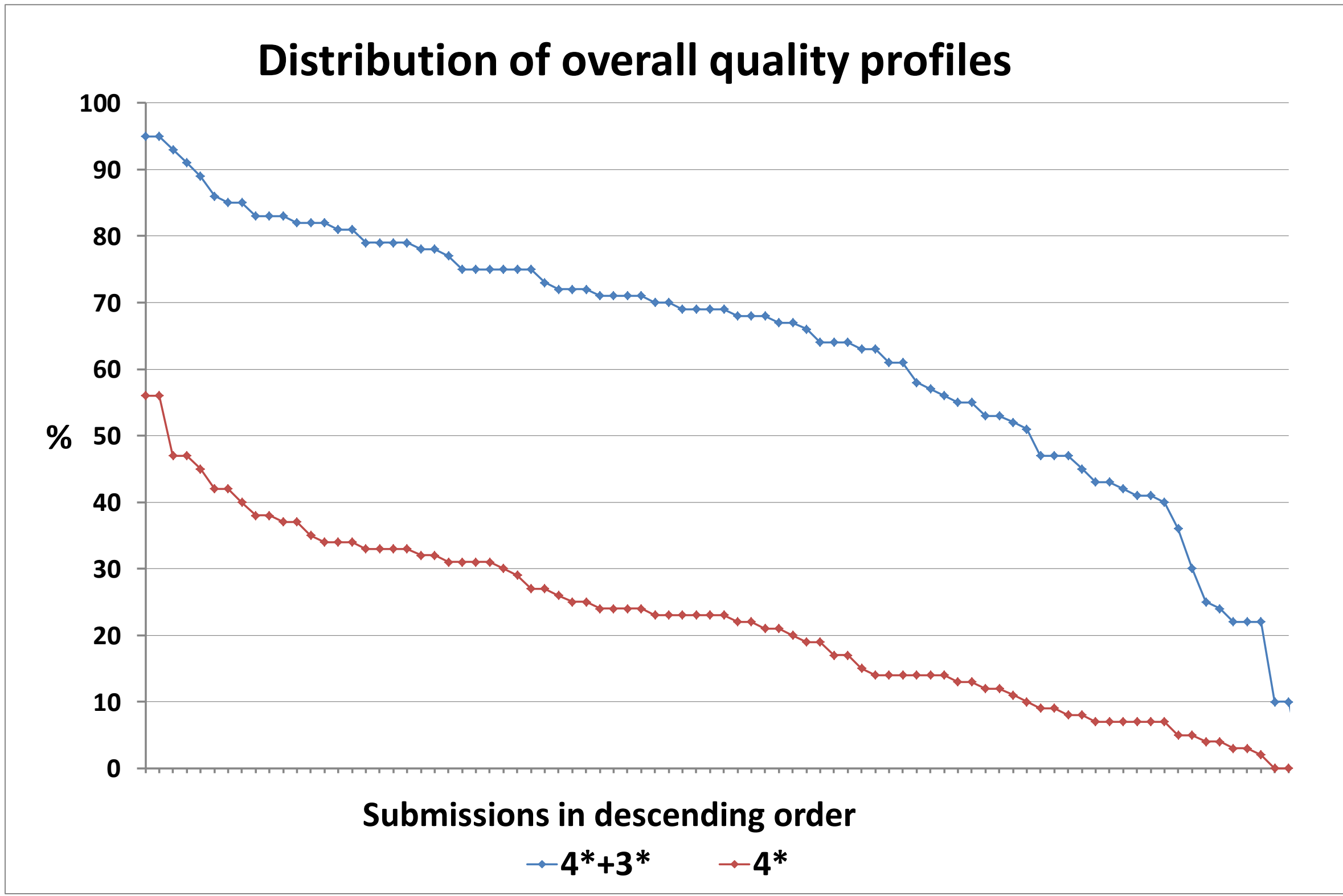
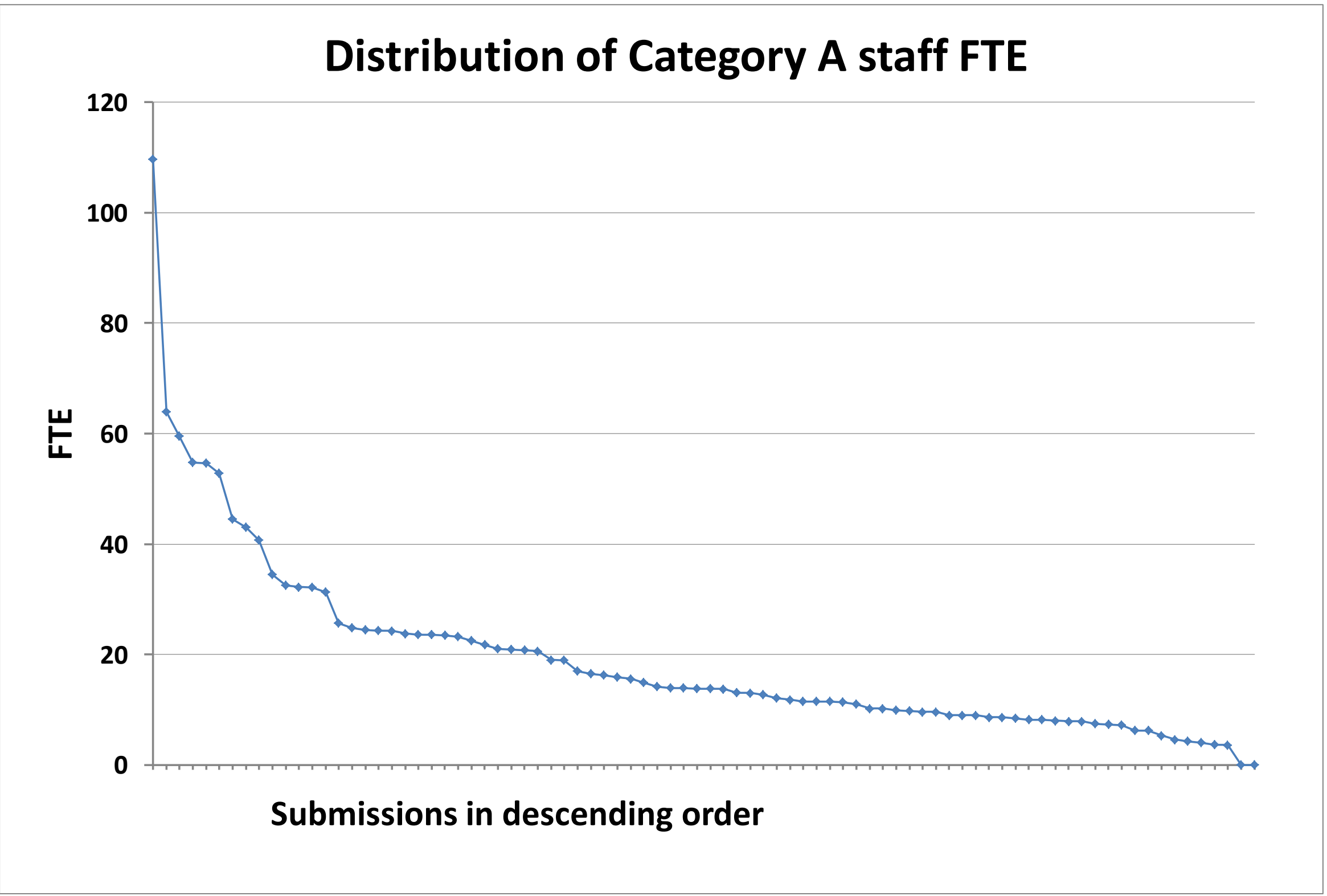
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
29.59	28.71	28.92	28.59	27.62



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	26	42	25	6	1
Outputs	18.5	42.6	30	7.7	1.2
Impact	36.6	44.7	13.6	3.9	1.2
Environment	40.5	40.8	15.5	3	0.2

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.



REF 2014: Unit of assessment summary data

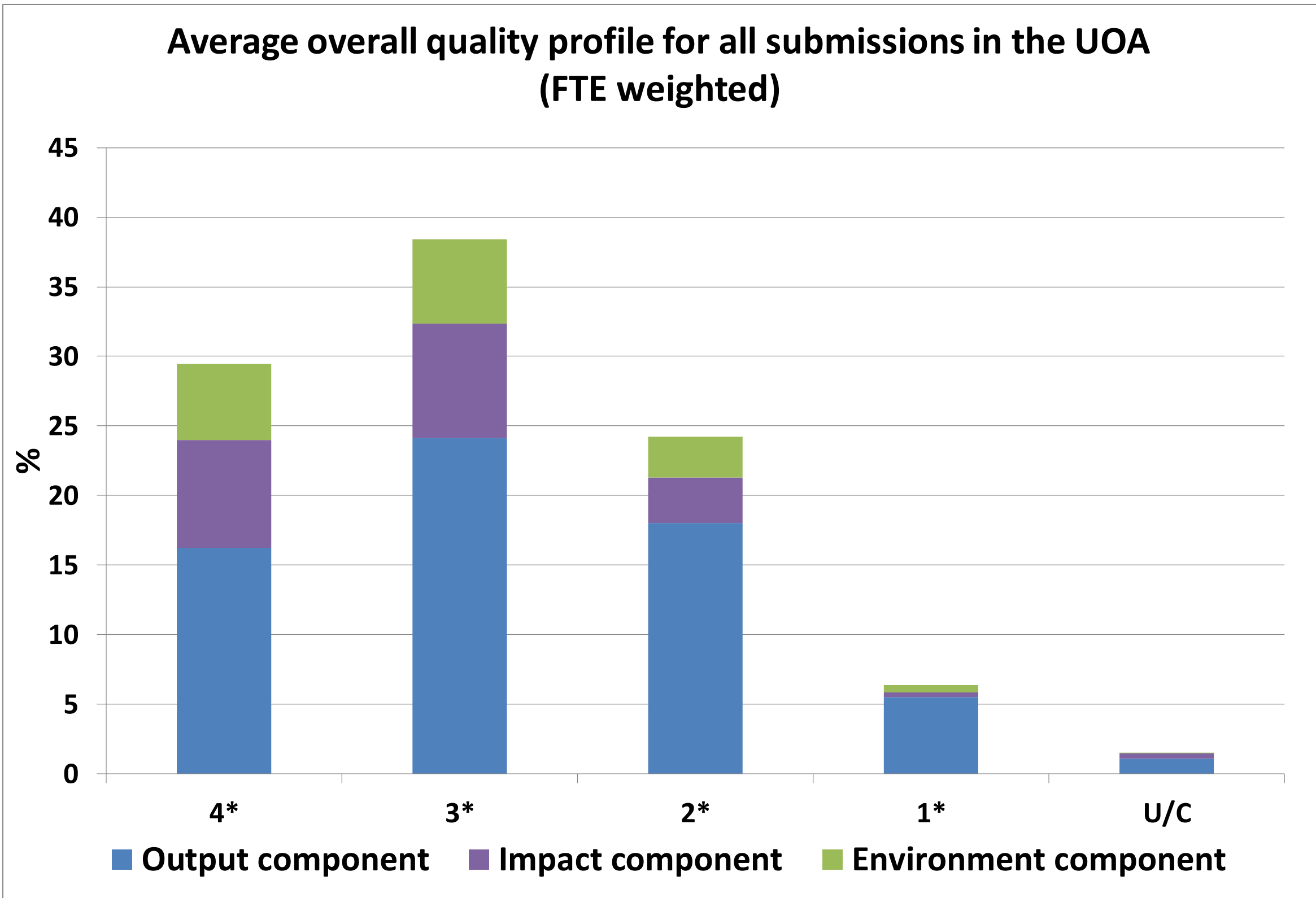
UOA 35: Music, Drama, Dance and Performing Arts

Submission information

Number of submissions	84
Category A FTE staff submitted	1,142
Headcounts of category A and C staff submitted	1,318
Headcounts of early career researchers (REF1a)	280
Number of outputs submitted	4,261
Number of case studies submitted	197

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
204	243	257	283	327

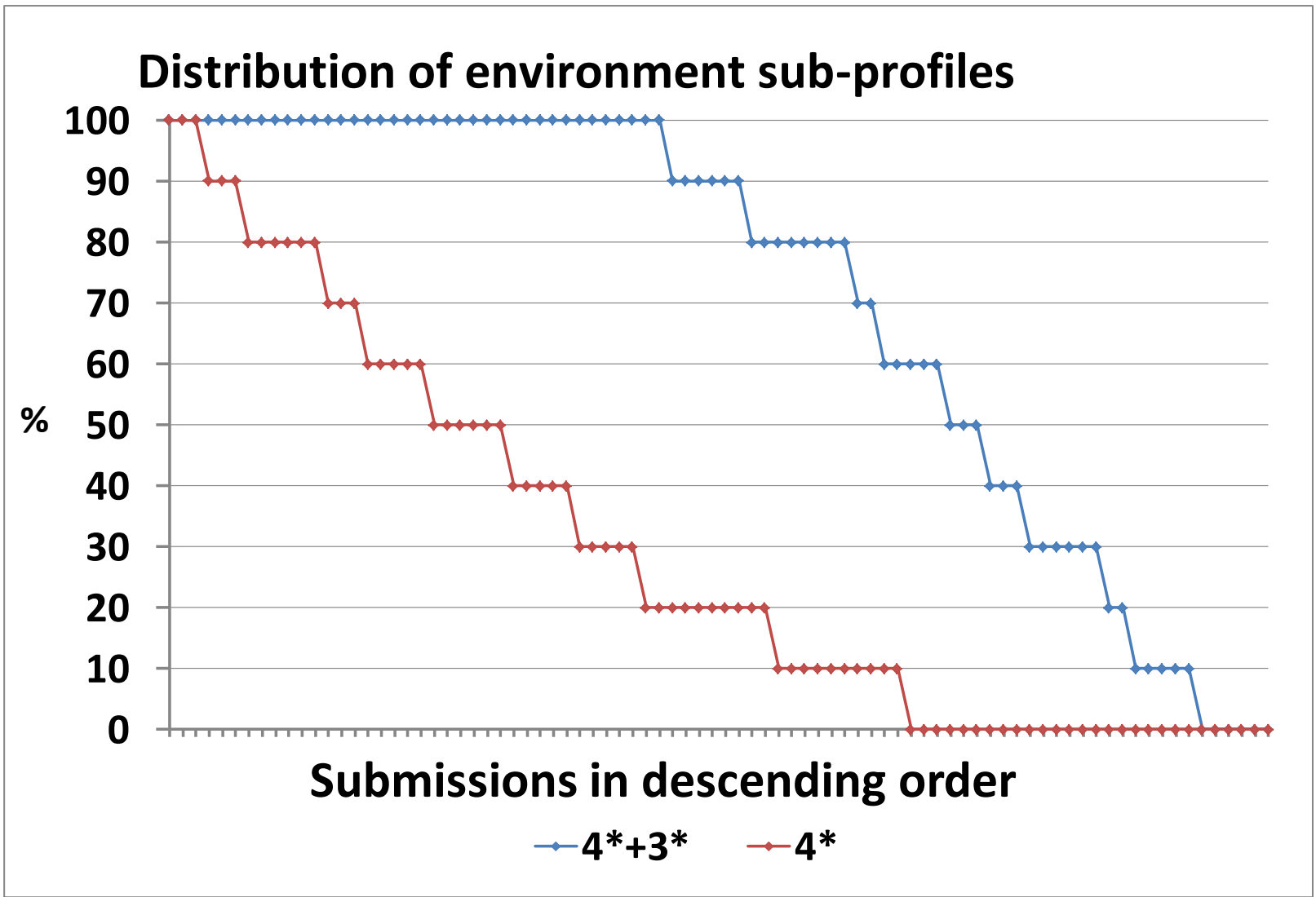
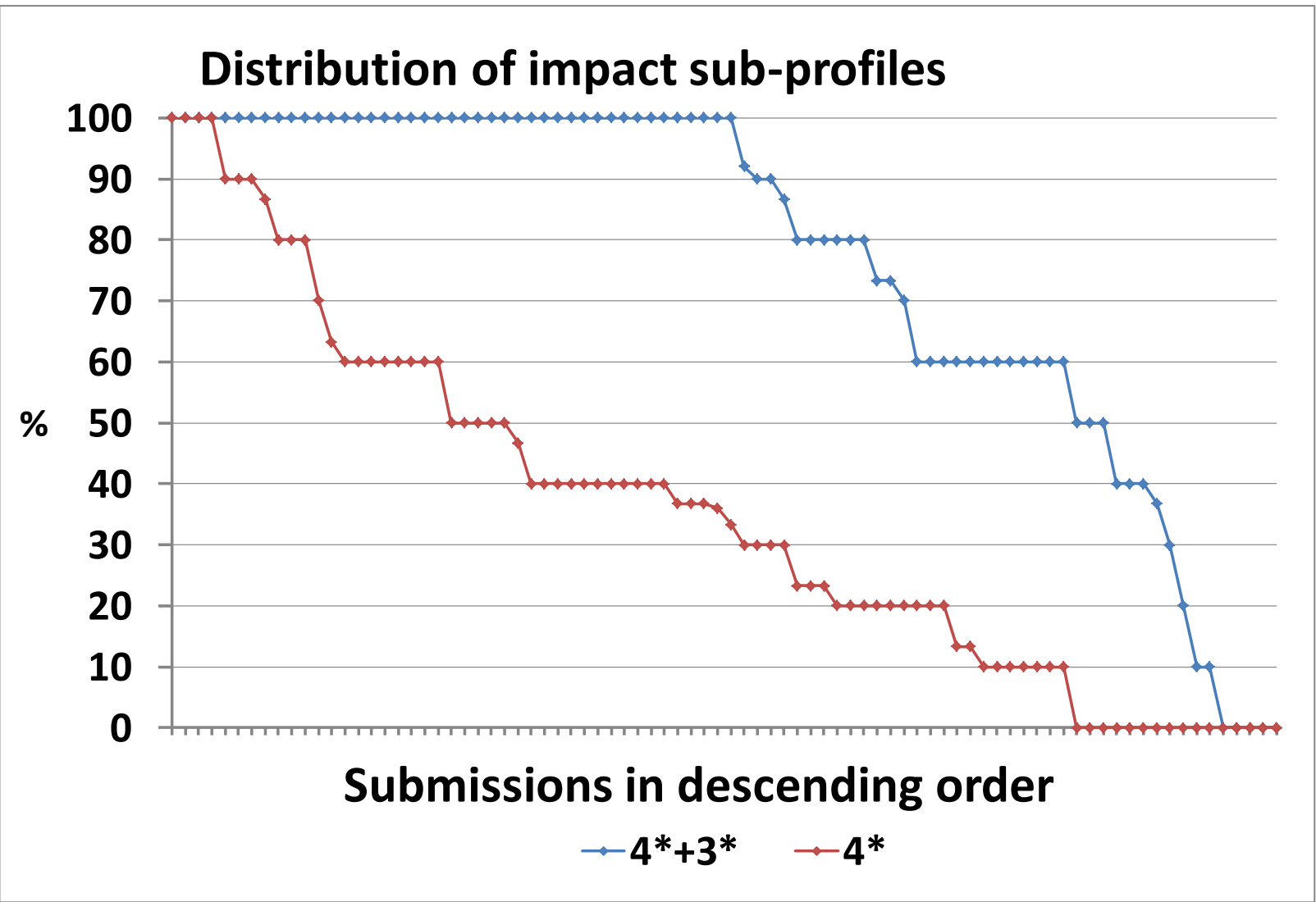
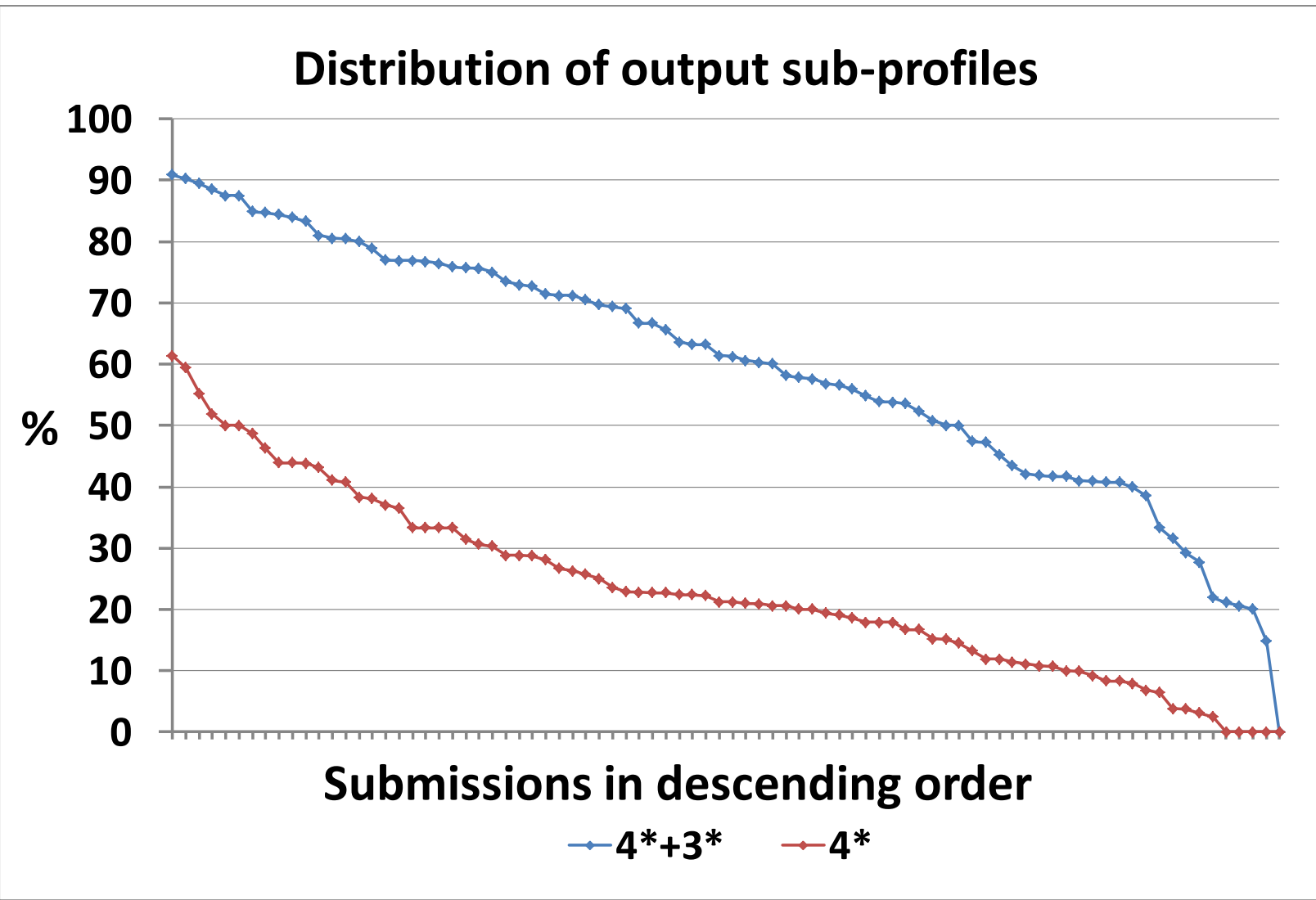
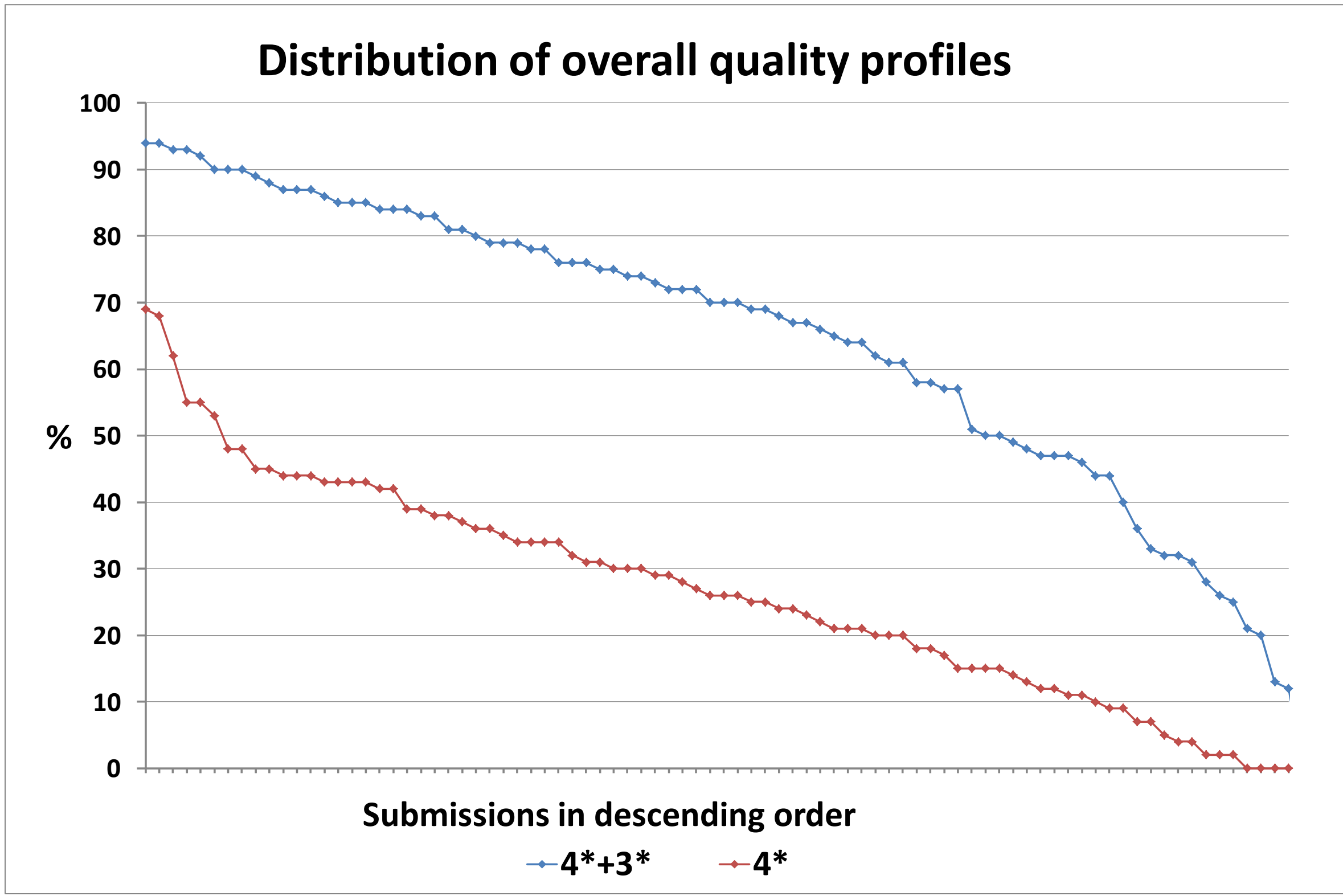
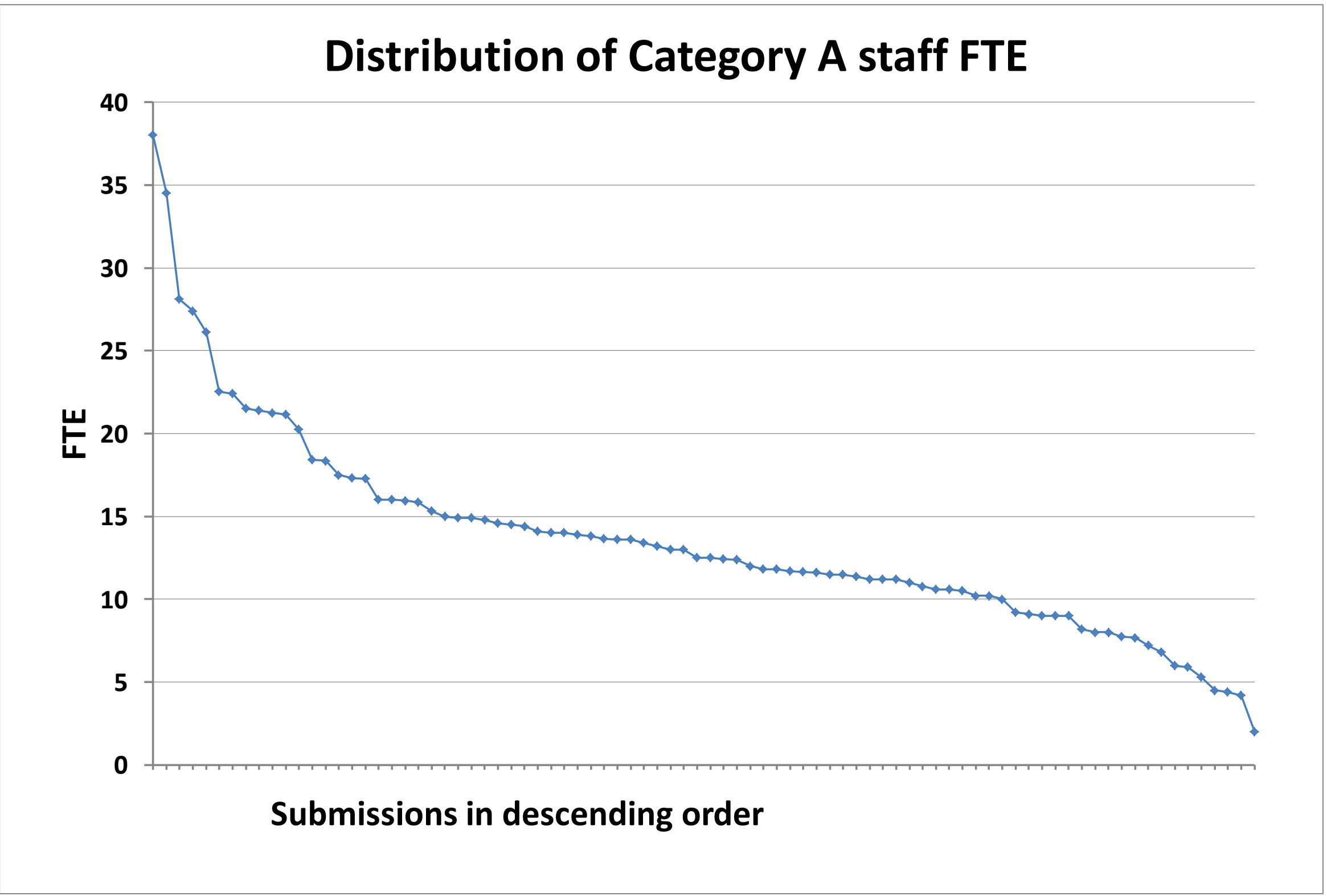
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
8.81	9.46	11.38	12.10	11.71



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	29	39	24	6	2
Outputs	25	37.1	27.7	8.5	1.7
Impact	38.8	41.3	16.4	1.7	1.8
Environment	36.4	40.3	19.7	3.5	0.1

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.

REF 2014: Unit of assessment summary data

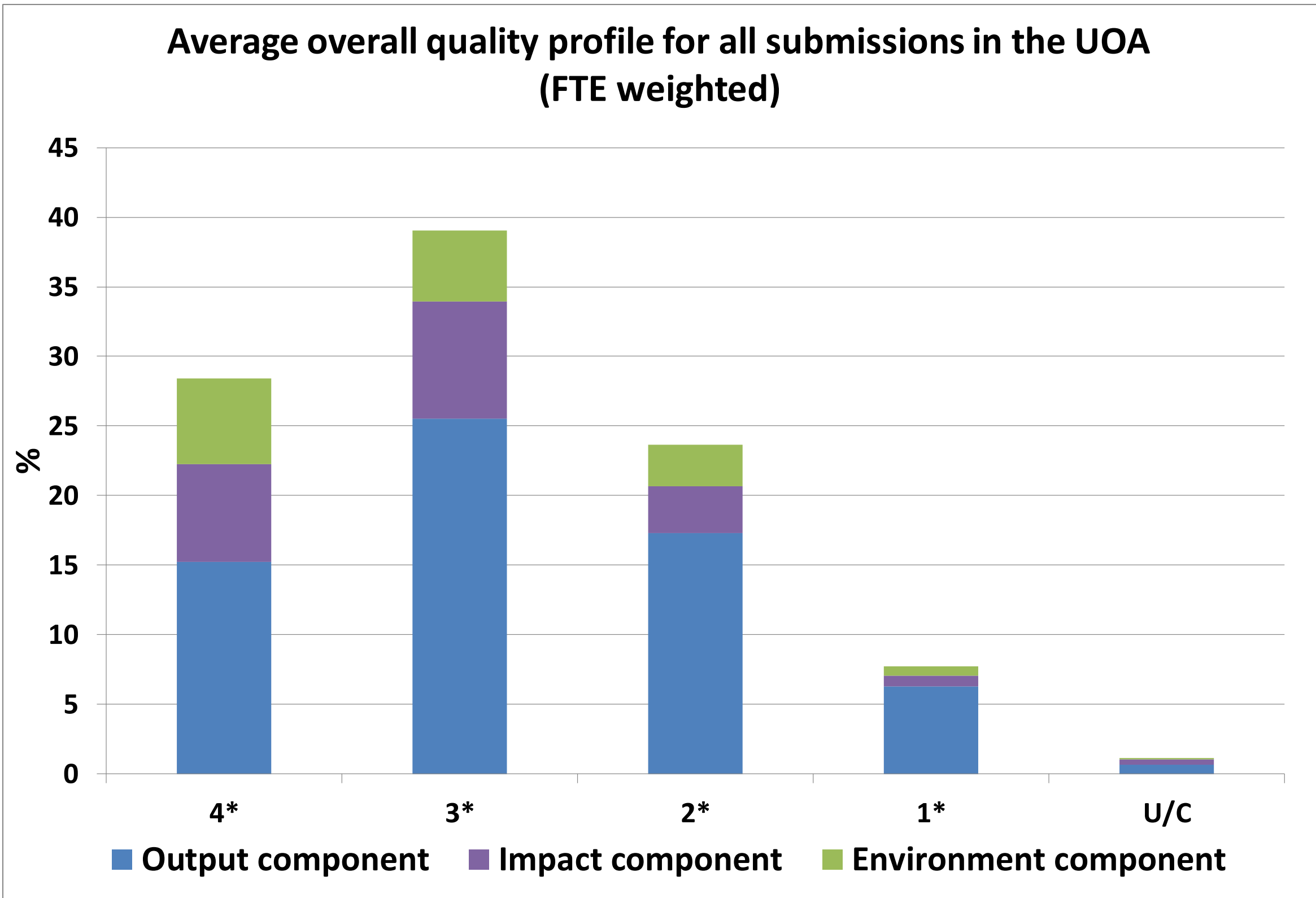
UOA 36: Communication, Cultural and Media Studies, Library and Information Management

Submission information

Number of submissions	67
Category A FTE staff submitted	935
Headcounts of category A and C staff submitted	1,019
Headcounts of early career researchers (REF1a)	169
Number of outputs submitted	3,521
Number of case studies submitted	160

Doctoral research degrees awarded				
2008-09	2009-10	2010-11	2011-12	2012-13
172	194	195	194	206

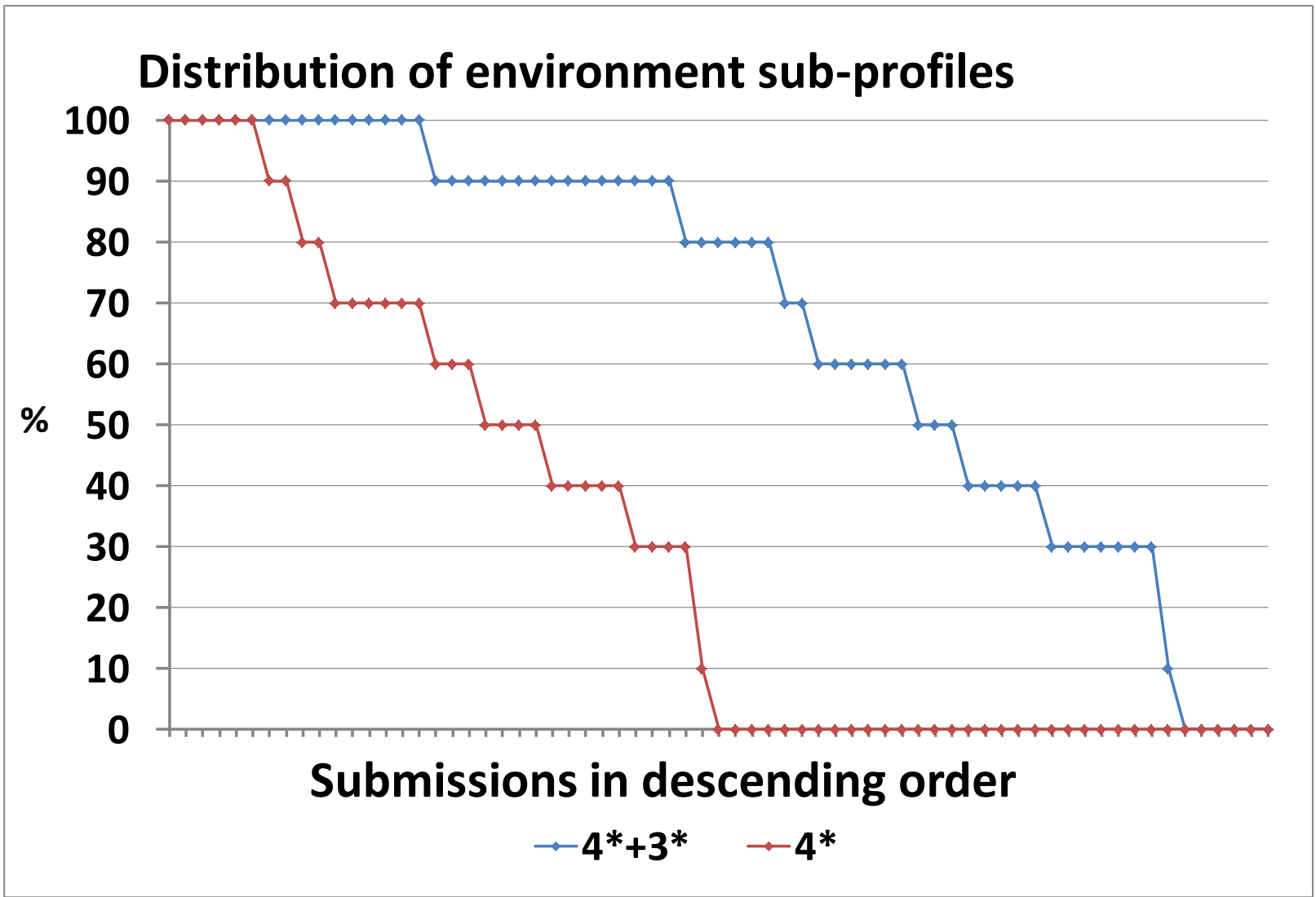
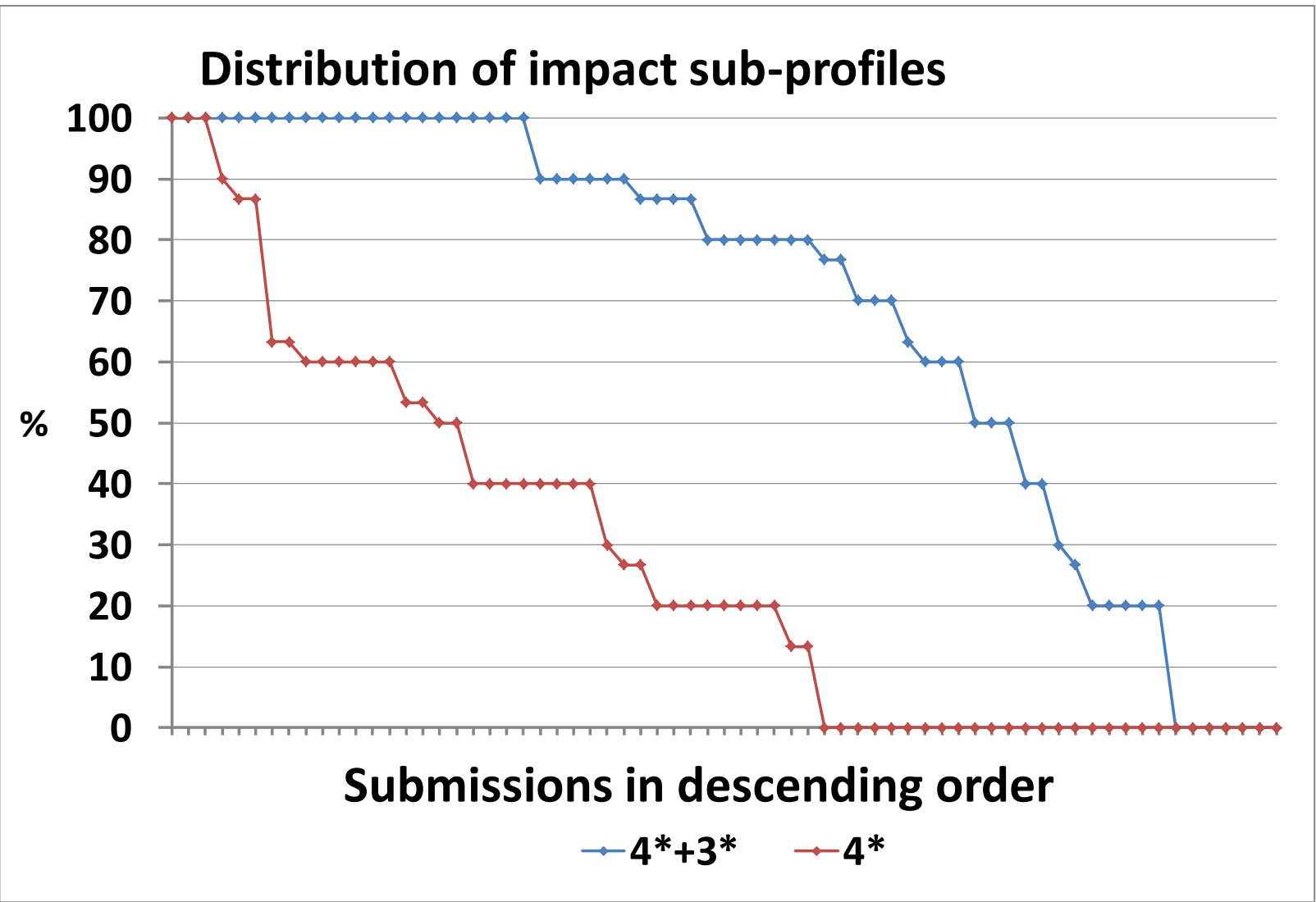
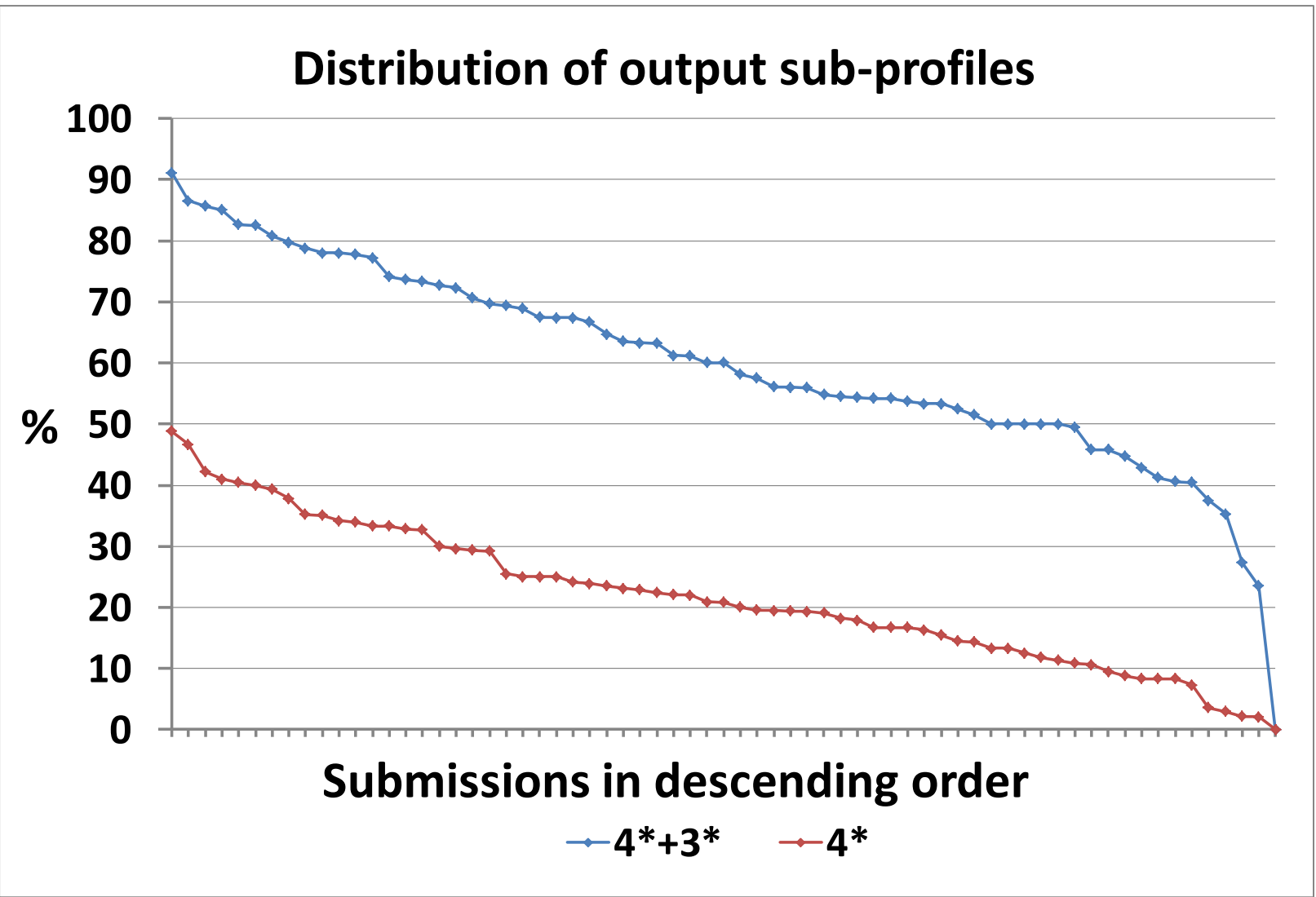
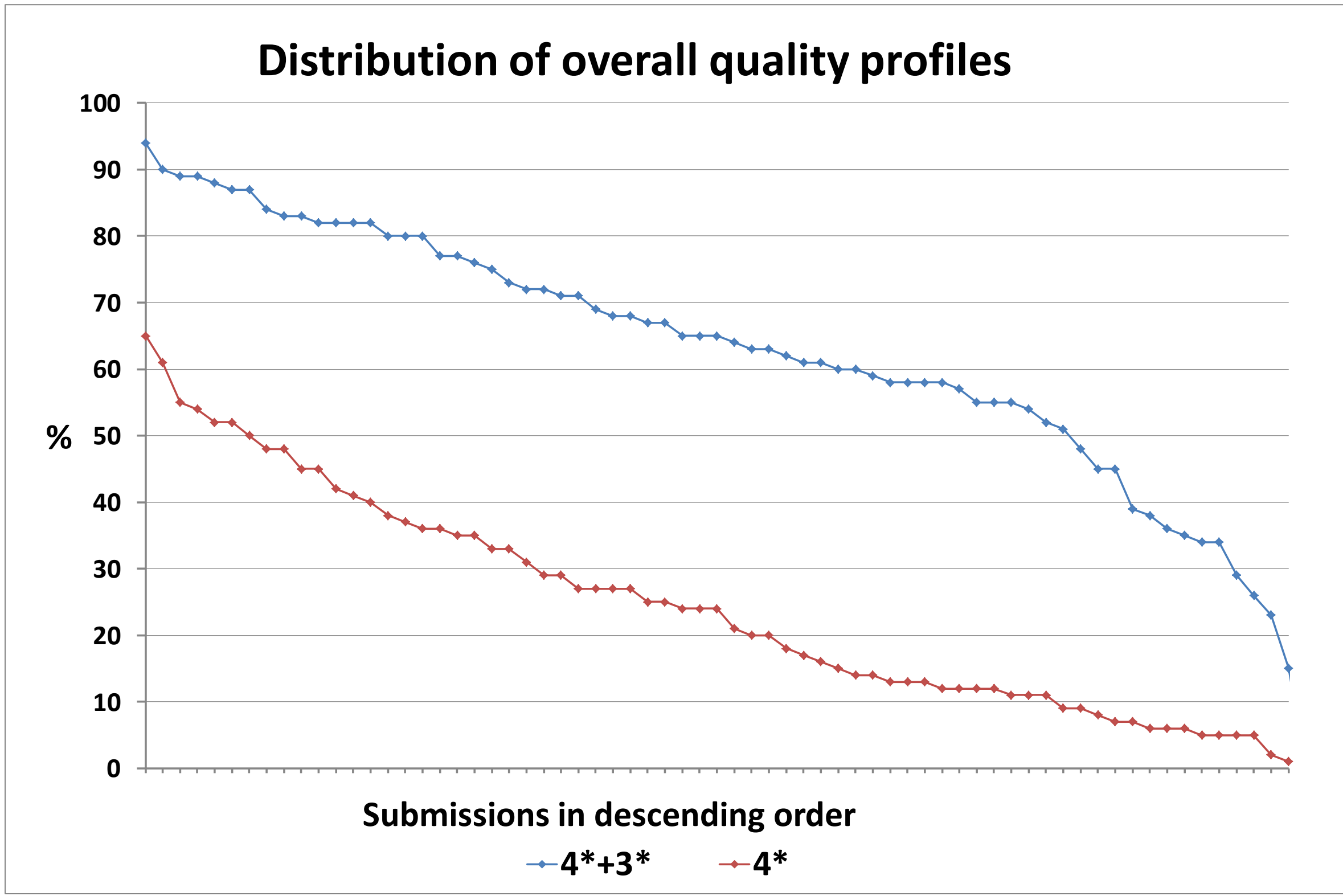
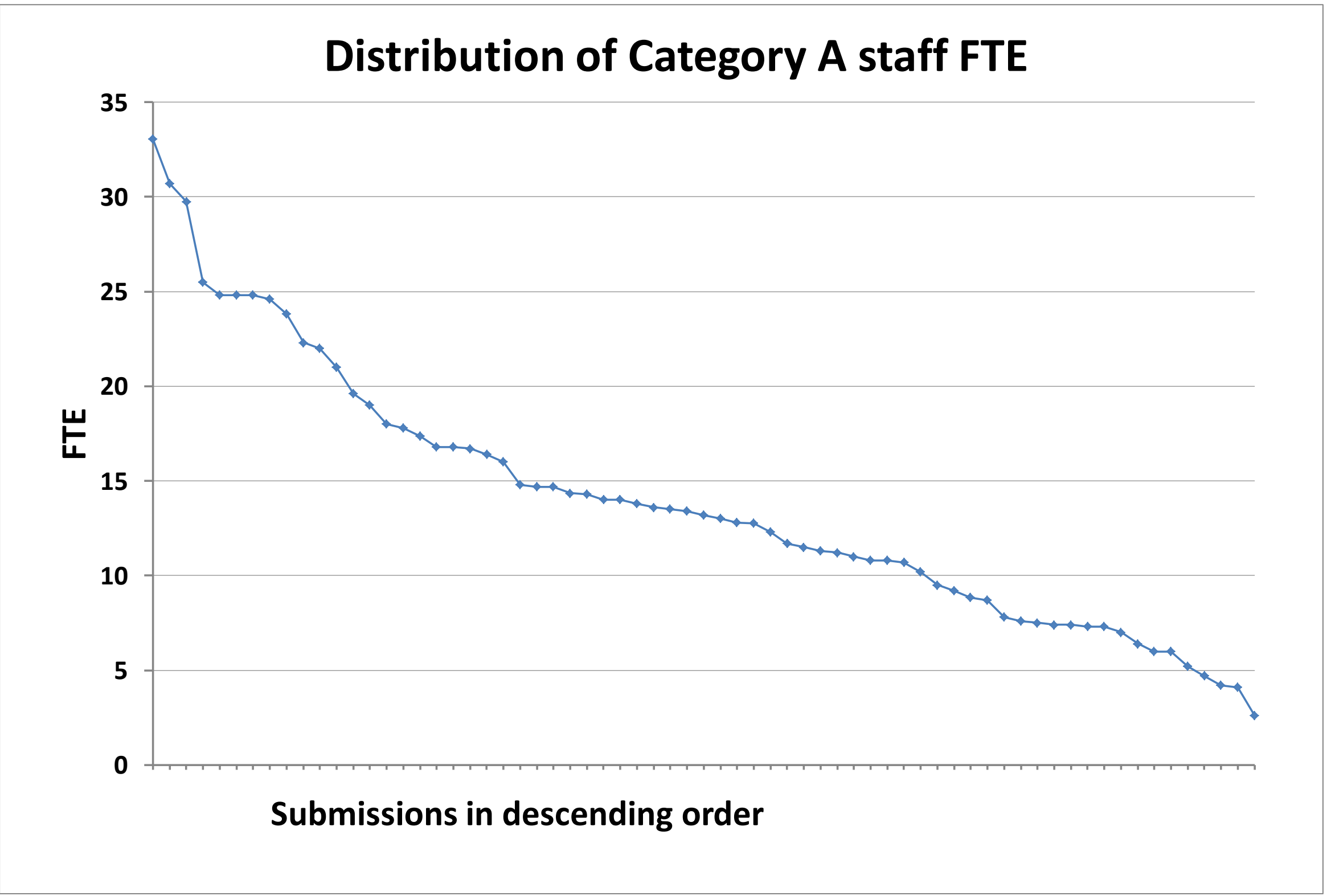
Total external research income, including income-in-kind (£M)				
2008-09	2009-10	2010-11	2011-12	2012-13
13.04	13.75	12.64	11.61	12.99



Average overall quality profile and average sub-profiles for all submissions in the UOA (FTE weighted) <sup>1</sup>

	4*	3*	2*	1*	U/C
Overall	29	38	24	8	1
Outputs	23.4	39.3	26.6	9.7	1
Impact	35.2	42	17	3.8	2
Environment	41.2	34	19.6	4.5	0.7

Distribution of submission size and of the results in the UOA<sup>2</sup>



The three charts showing the distribution of the sub-profiles were updated in February 2015 to include a single submission that was missing from these charts.

<sup>1</sup>The rounding methodology described in Annex B of REF 02.2011, 'Assessment framework and guidance on submissions', has been used to produce the outcomes shown in the averages table. The average overall quality profile and average sub-profiles have been adjusted for the number of Category A staff in each submission. Submissions with 3 or fewer staff (headcounts) are excluded from the calculation of the average sub-profiles.

<sup>2</sup>Each line in each chart below is plotted in descending order. As a result, the ordering of submissions in each chart -and the order of submissions shown on each line( 4\*+3\* and 4\*)- are not the same.