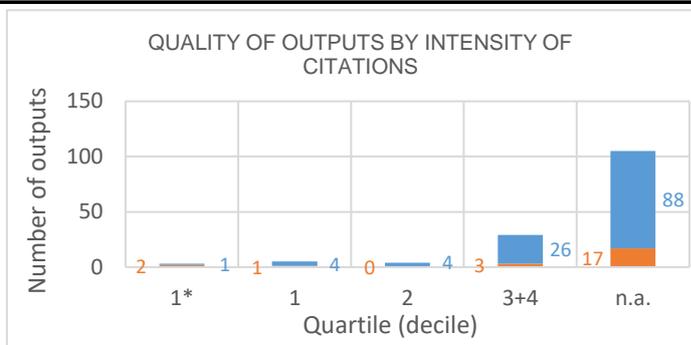
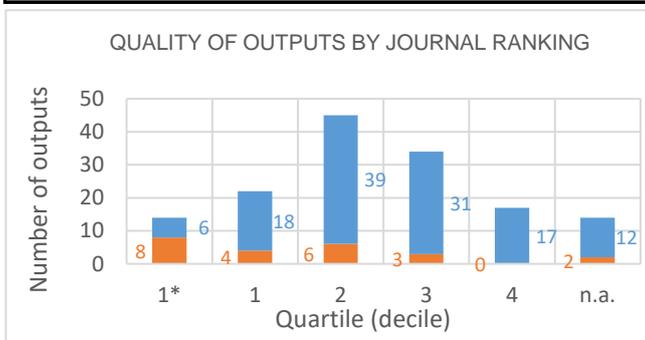


Evaluation of the Research and Professional Activities of the Institutes of the Czech Academy of Sciences for 2015–2019

BIBLIOMETRIC PARAMETERS OF ALL OUTPUTS INCLUDING THOSE EVALUATED IN THE PHASE I.

Institute: Institute of Mathematics of the CAS, v. v. i.
Team: Abstract Analysis
Head: Wiesław Kubiś
Field: Mathematics
Total number of outputs: 146 **Evaluated outputs:** 23



TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1	2	8
B	1	7
B1		8
C	10	45
C1	8	46
D		2
D1		1
E		
n.a.	2	5
Without affiliation		1
A1+B1+C1+D1	10	63
B+C+D+E	11	54

FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Mathematics	21	113
Mathematics Applied	7	53
n.a.	2	5
Multidisciplinary Sciences	1	4
Physics Mathematical		5
Computer Science Software Engineering		1
Logic	1	
Physics Multidisciplinary		1

Total number of outputs: outputs of the team published during the evaluated period 2015-2019.

Evaluated outputs: selected outputs submitted by the team to the Phase I of evaluation.

Outputs used for bibliometry: subset of all outputs registered in the Web of Science; document type: article, review or proceedings paper.

Quality of outputs by journal ranking: number of outputs in top decile (1*) and quartiles (1-4) by AIS of journals; n. a. - outputs in journals without AIS; orange: outputs from the Phase I, blue: the other outputs of the team.

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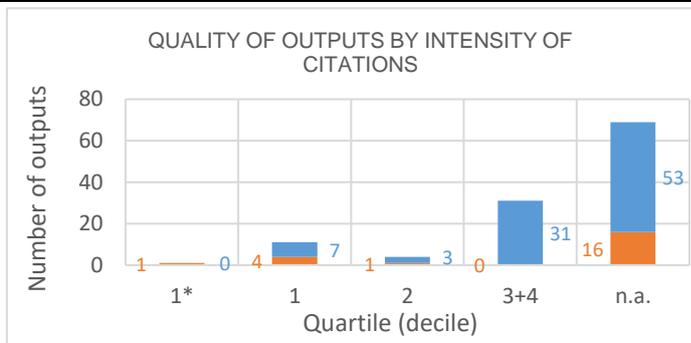
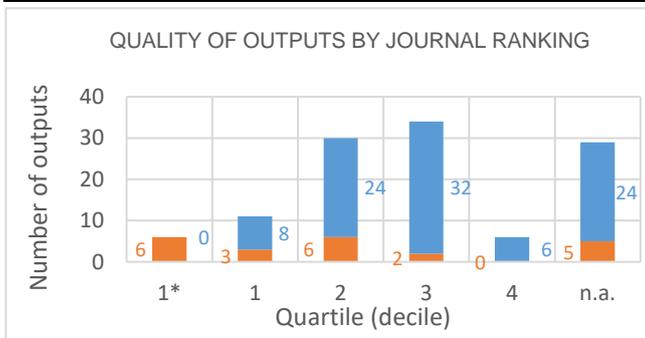
Field structure of outputs: number of outputs of the team in different subject categories (subfields); if the output is assigned to more than one field, the field where the publication performs best (assessed by Quality of outputs by journals ranking) is taken; the table shows up to 20 fields.

Detailed explanation of the indicators is provided in the Methodology of evaluation, Annex 2 – Bibliometrics.

Evaluation of the Research and Professional Activities of the Institutes of the Czech Academy of Sciences for 2015–2019

BIBLIOMETRIC PARAMETERS OF ALL OUTPUTS INCLUDING THOSE EVALUATED IN THE PHASE I.

Institute: Institute of Mathematics of the CAS, v. v. i.
Team: Algebra, Geometry and Mathematical Physics
Head: Vojtěch Pravda
Field: Mathematics
Total number of outputs: 116 **Evaluated outputs:** 22



TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1	4	36
B		
B1	4	17
C	6	19
C1	3	20
D		
D1		
E		
n.a.	5	2
Without affiliation		
A1+B1+C1+D1	11	73
B+C+D+E	6	19

FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Mathematics	6	31
Physics Particles Fields	8	28
Astronomy Astrophysics	5	20
Physics Multidisciplinary	4	14
Physics Mathematical	5	12
Mathematics Applied	3	10
Mechanics		12
Quantum Science Technology	3	7
Materials Science Multidisciplinary		8
Mathematics Interdisciplinary Applica		7
n.a.	5	2
Statistics Probability	1	4
Physics Applied		3
Physics Nuclear	1	2
Computer Science Artificial Intelligenc		2
Computer Science Theory Methods		2
Engineering Multidisciplinary		2
Automation Control Systems		1
Engineering Industrial		1
Engineering Manufacturing		1

Total number of outputs: outputs of the team published during the evaluated period 2015-2019.

Evaluated outputs: selected outputs submitted by the team to the Phase I of evaluation.

Outputs used for bibliometry: subset of all outputs registered in the Web of Science; document type: article, review or proceedings paper.

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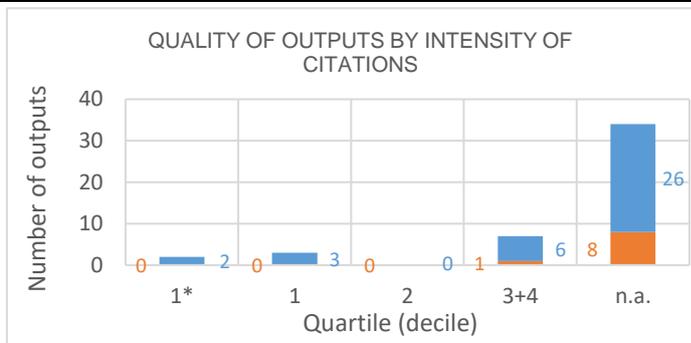
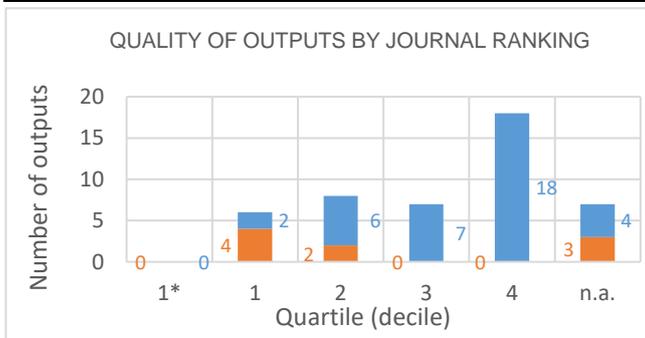
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Detailed explanation of the indicators is provided in the Methodology of evaluation, Annex 2 – Bibliometrics.

Evaluation of the Research and Professional Activities of the Institutes of the Czech Academy of Sciences for 2015–2019

BIBLIOMETRIC PARAMETERS OF ALL OUTPUTS INCLUDING THOSE EVALUATED IN THE PHASE I.

Institute: Institute of Mathematics of the CAS, v. v. i.
Team: Differential Equations and Theory of Integral
Head: Robert Hakl
Field: Mathematics
Total number of outputs: 46 **Evaluated outputs:** 9



TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1	1	5
B		3
B1	1	6
C	2	9
C1	3	13
D		
D1		
E		
n.a.	2	1
Without affiliation		
A1+B1+C1+D1	5	24
B+C+D+E	2	12

FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Mathematics	3	31
Mathematics Applied	6	17
n.a.	2	1

Total number of outputs: outputs of the team published during the evaluated period 2015-2019.

Evaluated outputs: selected outputs submitted by the team to the Phase I of evaluation.

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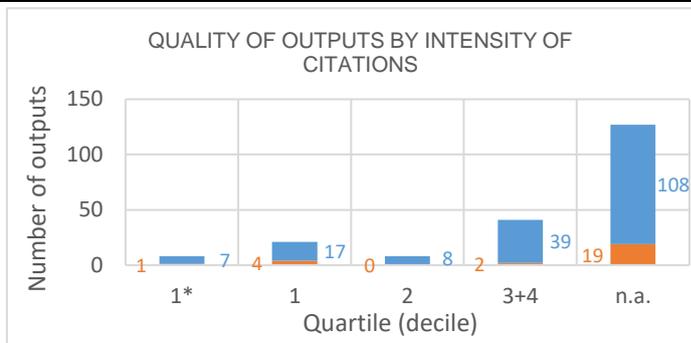
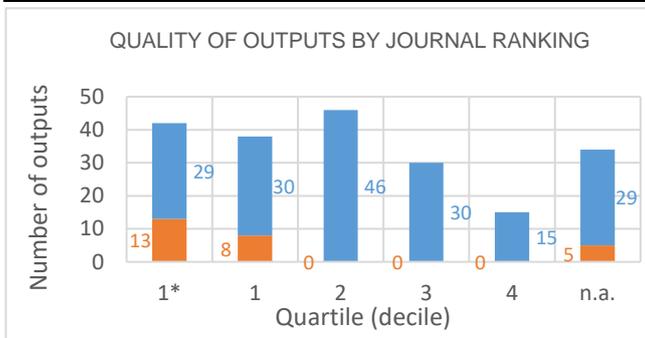
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Evaluation of the Research and Professional Activities of the Institutes of the Czech Academy of Sciences for 2015–2019

BIBLIOMETRIC PARAMETERS OF ALL OUTPUTS INCLUDING THOSE EVALUATED IN THE PHASE I.

Institute: Institute of Mathematics of the CAS, v. v. i.
Team: Evolution Differential Equations
Head: Šárka Nečasová
Field: Mathematics
Total number of outputs: 205 **Evaluated outputs:** 26



TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1	3	37
B	1	7
B1	1	9
C	10	66
C1	6	57
D		
D1		1
E		
n.a.	5	2
Without affiliation		
A1+B1+C1+D1	10	104
B+C+D+E	11	73

FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Mathematics Applied	19	116
Mathematics	4	88
Mechanics	5	15
Physics Mathematical	2	18
Physics Fluids Plasmas	2	9
Engineering Mechanical		7
n.a.	5	2
Mathematics Interdisciplinary Applica		6
Automation Control Systems		3
Materials Science Multidisciplinary		2
Computer Science Interdisciplinary A		1
Computer Science Theory Methods		1
Engineering Multidisciplinary		1
Physics Applied		1
Physics Condensed Matter		1
Statistics Probability		1
Thermodynamics		1

Total number of outputs: outputs of the team published during the evaluated period 2015-2019.

Evaluated outputs: selected outputs submitted by the team to the Phase I of evaluation.

Outputs used for bibliometry: subset of all outputs registered in the Web of Science; document type: article, review or proceedings paper.

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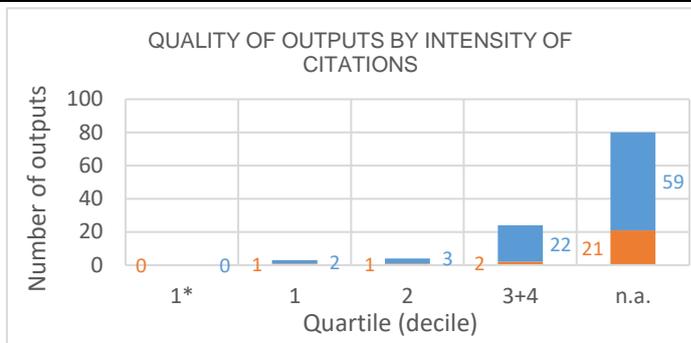
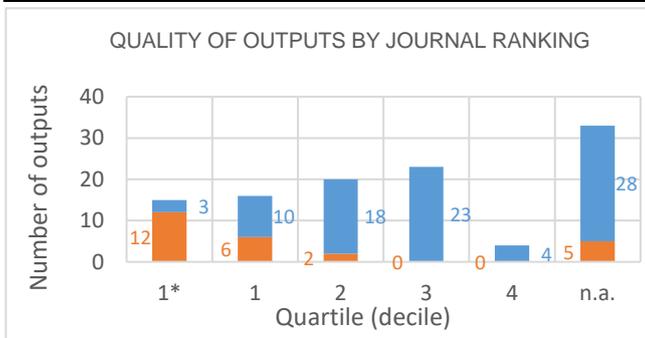
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Evaluation of the Research and Professional Activities of the Institutes of the Czech Academy of Sciences for 2015–2019

BIBLIOMETRIC PARAMETERS OF ALL OUTPUTS INCLUDING THOSE EVALUATED IN THE PHASE I.

Institute: Institute of Mathematics of the CAS, v. v. i.
Team: Mathematical Logic and Theoretical Computer Science
Head: Pavel Pudlák
Field: Computer and information sciences
Total number of outputs: 111 **Evaluated outputs:** 25



TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1	6	31
B		2
B1	1	1
C	7	19
C1	8	32
D		
D1		1
E		
n.a.	3	
Without affiliation		
A1+B1+C1+D1	15	65
B+C+D+E	7	21

FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Mathematics	13	40
Mathematics Applied	7	24
Computer Science Theory Methods	5	21
Logic	3	18
Automation Control Systems	3	13
Engineering Electrical Electronic	5	6
n.a.	3	4
Computer Science Information System	1	4
Computer Science Software Engineer	2	3
Operations Research Management S		5
Computer Science Hardware Architec		1
Multidisciplinary Sciences		1
Robotics		1

Total number of outputs: outputs of the team published during the evaluated period 2015-2019.

Evaluated outputs: selected outputs submitted by the team to the Phase I of evaluation.

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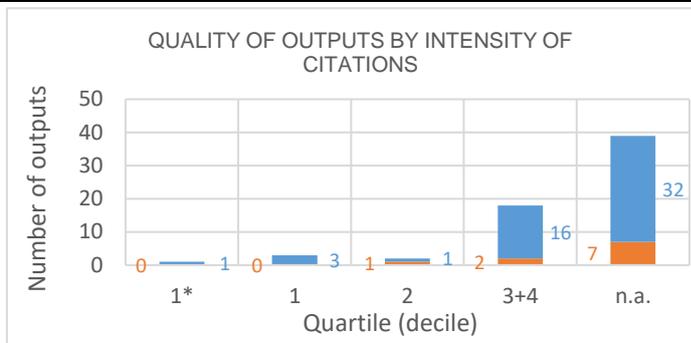
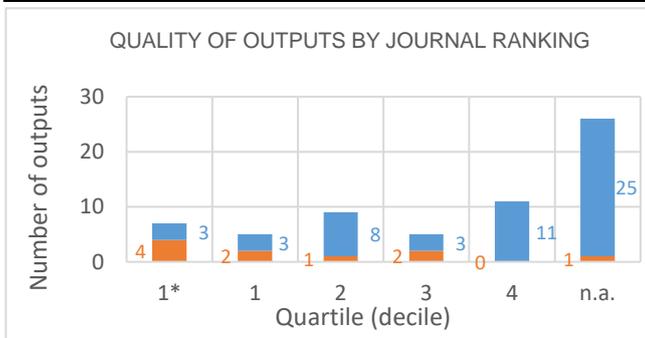
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Evaluation of the Research and Professional Activities of the Institutes of the Czech Academy of Sciences for 2015–2019

BIBLIOMETRIC PARAMETERS OF ALL OUTPUTS INCLUDING THOSE EVALUATED IN THE PHASE I.

Institute: Institute of Mathematics of the CAS, v. v. i.
Team: Numerical Analysis
Head: Michal Křížek
Field: Mathematics
Total number of outputs: 63 **Evaluated outputs:** 10



TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1	1	16
B		6
B1		1
C	4	15
C1	4	9
D		1
D1		
E		
n.a.	1	5
Without affiliation		
A1+B1+C1+D1	5	26
B+C+D+E	4	22

FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Mathematics Applied	6	13
Mathematics	1	13
Astronomy Astrophysics		7
n.a.	1	5
Physics Mathematical	1	5
Mathematics Interdisciplinary Applica	1	4
Mechanics	1	4
Computer Science Interdisciplinary A	2	2
Physics Fluids Plasmas		4
Engineering Multidisciplinary	2	1
Computer Science Artificial Intelligen		2
Computer Science Software Enginee	1	1
Engineering Aerospace		2
Engineering Mechanical		2
Physics Applied		2
Chemistry Multidisciplinary		1
Materials Science Multidisciplinary		1
Multidisciplinary Sciences		1
Nanoscience Nanotechnology		1

Total number of outputs: outputs of the team published during the evaluated period 2015-2019.

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