

Anexa 2. Fișa de verificare a îndeplinirii standardelor minimale naționale și ale ASE-IOSUD

Avizat CSUD,
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Director Școală doctorală Cibernetica și Statistica Economica
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Fișa de verificare a îndeplinirii standardelor minimale (naționale și ale ASE-IOSUD)

Candidat: Nume, prenume Prof. Univ. dr Bogdan OANCEA

Nr. Articol	Articol, referința bibliografică	M	N	AIS	Punctaj Final
1	David Salgado; Luis Sanguiao; Bogdan Oancea ; Sandra Barragan; Marian Necula. An end-to-end statistical process with mobile network data for official statistics, EPJ DATA SCIENCE, 10(1), Nr. articol 20, 2021, eISSN 2193-1127, DOI: 10.1140/epjds/s13688-021-00275-w, WOS:000645649000001	6	2	1.698 (anul 2021)	9.1692
2	Bogdan Oancea ; Dan Pirjol; Tudorel Andrei. A Pareto upper tail for capital income distribution, PHYSICA A- STATISTICAL MECHANICS AND ITS APPLICATIONS, 492, 403–417, 2018, ISSN 0378-4371; eISSN 1873-2119, DOI: 10.1016/j.physa.2017.09.034, WOS:000423495100035	6	3	0.553	2.6544
3	Bogdan Oancea ; Tudorel Andrei; Dan Pirjol. Income inequality in Romania: The exponential-Pareto distribution, PHYSICA A- STATISTICAL MECHANICS AND ITS APPLICATIONS, 469, 486–498, 2017, ISSN 0378-4371; eISSN 1873-2119, DOI: 10.1016/j.physa.2016.11.094, WOS:000392793500048	6	3	0.553	2.6544
4	Tudorel Andrei; Bogdan Oancea ; Peter Richmond; Gurjeet Dhesi; Claudiu Herteliu. Decomposition of the Inequality of Income Distribution by Income Types-Application for Romania, ENTROPY, 19(9), Nr. articol 430, 2017, eISSN 1099-4300, DOI: 10.3390/e19090430, WOS:000411527100005	6	3	0.494	2.3712
5	Elena Druica; Bogdan Oancea ; Calin Valsan, Benford's law and the	10	2	1.088	9.792

	limits of digit analysis. INTERNATIONAL JOURNAL OF ACCOUNTING INFORMATION SYSTEMS, 31, 75–82, 2018, ISSN 1467-0895; eISSN 1873-4723, DOI: 10.1016/j.accinf.2018.09.004, WOS:000453339700005				
6	Bogdan Oancea. Automatic Product Classification Using Supervised Machine Learning Algorithms in Price Statistics, MATHEMATICS, 11(7), Nr. articol 1588, 2023, eISSN 2227-7390, DOI: 10.3390/math11071588, WOS:000969991500001.	6	1	0.373	2.238
7	Bogdan Oancea; Mihaela Simionescu. Gross Domestic Product Forecasting: Harnessing Machine Learning for Accurate Economic Predictions in a Univariate Setting, ELECTRONICS, 13(24), Nr. articol 4918, 2024, ISSN 2079-9292, DOI: 10.3390/electronics13244918, WOS:001387145100001	8	2	0.429	3.0888
8	Catalina Liliana Andrei; Bogdan Oancea; Monica Nedelcu; Ruxandra Diana Sinescu, Predicting Cardiovascular Diseases Prevalence Using Neural Networks, ECONOMIC COMPUTATION AND ECONOMIC CYBERNETICS STUDIES AND RESEARCH, 49(3), pp. 73–84, 2015, ISSN 0424-267X; eISSN 1842-3264, WOS:000362046500005	10	4	0.106	0.742
9	Bogdan Oancea; Mihaela Simionescu; Richard Pospisil. Do Machine Learning Techniques Outperform Autoregressive Distributed Lag Models in Inflation Forecasting?, PRAGUE ECONOMIC PAPERS, 34(4), 495–558, 2025, ISSN 1210-0455; eISSN 2336-730X, DOI: 10.18267/j.pep.898, WOS:001648786100002	10	2	0.131	1.179
10	Tudorel Andrei; Bogdan Oancea; Andreea Mirica. Agriculture export variety and the short and long run impact on agriculture export, AGRICULTURAL ECONOMICS-	10	3	0.27	2.16

	ZEMEDELKA EKONOMIKA, 68(4), 137–145, 2022, ISSN 0139- 570X; eISSN 1805-9295, DOI: 10.17221/37/2022-AGRICECON, WOS:000789035900003				
	TOTAL Punctaj Pi				36.049

Nr. Crt	Articolul citat	Revista si articolul in care a fost citat	Cuartila	Categorie de încadrare	AIS	Punctaj
1	David Salgado; Luis Sanguiao; Bogdan Oancea ; Sandra Barragan; Marian Necula. An end-to-end statistical process with mobile network data for official statistics, EPJ DATA SCIENCE, 10(1), Nr. articol 20, 2021, eISSN 2193-1127, DOI: 10.1140/epjds/s13688-021-00275-w, WOS:000645649000001	On the Estimation of Spatial Density From Mobile Network Operator Data, Ricciato, F and Coluccia, A, IEEE TRANSACTION S ON MOBILE COMPUTING 22 (6) , pp. 3541-3557, DOI 10.1109/TMC.2021.3134561, WOS:001020877300027, ISSN 1536-1233	Q1	COMPUTER SCIENCE, INFORMATION SYSTEMS	1.733	1
2	David Salgado; Luis Sanguiao; Bogdan Oancea ; Sandra Barragan; Marian Necula. An end-to-end statistical process with mobile network data for official statistics, EPJ DATA SCIENCE, 10(1), Nr. articol 20, 2021, eISSN 2193-1127, DOI: 10.1140/epjds/s13688-021-00275-w,	Tourism community detection: A space of flows perspective, Xu, D; Zhang, JH ; Huang, ZF ; Zhou, ; Fan, QY , TOURISM MANAGEMENT , 93, art no. 104577, DOI 10.1016/j.tourman.2022.104577,	Q1	ENVIRONMENTAL STUDIES, HOSPITALITY, LEISURE, SPORT & TOURISM, MANAGEMENT	2.539	1

	WOS:0006456490000 01	WOS:00089102 3200002, ISSN 0261-5177, eISSN 1879-3193				
3	David Salgado; Luis Sanguiao; Bogdan Oancea ; Sandra Barragan; Marian Necula. An end-to-end statistical process with mobile network data for official statistics, EPJ DATA SCIENCE, 10(1), Nr. articol 20, 2021, eISSN 2193-1127, DOI: 10.1140/epjds/s13688-021-00275-w, WOS:0006456490000 01	Using mobile money data and call detail records to explore the risks of urban migration in Tanzania, Lavelle-Hill, R; Harvey, J; Smith, G; Mazumder, A; Ellis, M; Mwantimwa, K; Goulding, J, EPJ DATA SCIENCE, 11(1), 2022, art. No 28, DOI10.1140/epjds/s13688-022-00340-y, WOS:00079209 5800001, eISSN 2193-1127	Q1	MATHEMATICS, INTERDISCIPLINARY APPLICATIONS,	0.869	1
4	Bogdan Oancea ; Tudorel Andrei; Dan Pirjol, Income inequality in Romania: The exponential-Pareto distribution, PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, 469, 486-498, 2017, ISSN 0378-4371; eISSN 1873-2119, DOI: 10.1016/j.physa.2016.11.094, WOS:0003927935000 48	Drees, H., Janssen, A., Resnick, SI, Wang TD. On a minimum distance procedure for threshold selection in tail analysis, SIAM JOURNAL ON MATHEMATICS OF DATA SCIENCE, 2(1), pp. 75-102, 2020, DOI 10.1137/19M1260463, WOS:000646583500004, eISSN 2577-0187	Q1	MATHEMATICS, APPLIED	2.419	1

5	Elena Druica; Bogdan Oancea ; Calin Valsan, Benford's law and the limits of digit analysis, INTERNATIONAL JOURNAL OF ACCOUNTING INFORMATION SYSTEMS, 31, 75–82, 2018, ISSN 1467-0895; eISSN 1873-4723, DOI: 10.1016/j.accinf.2018.09.004, WOS:00045333970005.	Suspicious trading in nonfungible tokens ((NFTs), Sifat, I., Tariq, SA, van Donselaar, D., INFORMATION & MANAGEMENT, 61(1), art. No. 103898, Jan, 2024, DOI10.1016/j.im.2023.103898, WOS:001132533300001, ISSN 0378-7206, eISSN 1872-7530	Q1	COMPUTER SCIENCE, INFORMATION & LIBRARY SCIENCE	2.182	1
6	Elena Druica; Bogdan Oancea ; Calin Valsan, Benford's law and the limits of digit analysis, INTERNATIONAL JOURNAL OF ACCOUNTING INFORMATION SYSTEMS, 31, 75–82, 2018, ISSN 1467-0895; eISSN 1873-4723, DOI: 10.1016/j.accinf.2018.09.004, WOS:00045333970005.	“Won't get fooled again”: statistical fault detection in COVID-19 Latin American data, GLOBALIZATION AND HEALTH, 18(1) art. No. 105, 2022, DOI10.1186/s12992-022-00899-1, WOS:000899930200001, eISSN 1744-8603	Q1	PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH	1.781	1
7	Elena Druica; Bogdan Oancea ; Calin Valsan, Benford's law and the limits of digit analysis, INTERNATIONAL JOURNAL OF ACCOUNTING INFORMATION SYSTEMS, 31, 75–82, 2018, ISSN 1467-0895; eISSN 1873-4723, DOI: 10.1016/j.accinf.2018.09.004, WOS:00045333970005.	Feature selection using Benford's law to support detection of malicious social media bots, INFORMATION SCIENCES, 582, pp. 369-381, 2022, DOI10.1016/j.ins.2021.09.038, WOS:000705073700007, ISSN 0020-0255, eISSN 1872-6291	Q1	COMPUTER SCIENCE, INFORMATION SYSTEMS	1.391	1

8	Elena Druica; Bogdan Oancea ; Calin Valsan, Benford's law and the limits of digit analysis, INTERNATIONAL JOURNAL OF ACCOUNTING INFORMATION SYSTEMS, 31, 75–82, 2018, ISSN 1467-0895; eISSN 1873-4723, DOI: 10.1016/j.accinf.2018.09.004, WOS:00045333970005.	Use of Benford's law on academic publishing networks, JOURNAL OF INFORMETRICS, 15(3), 2021, art. No. 101163, DOI10.1016/j.joi.2021.101163, WOS:000703607500002, ISSN 1751-1577, eISSN 1875-5879	Q1	INFORMATION SCIENCE & LIBRARY SCIENCE	0.952	1
9	Tudorel Andrei; Bogdan Oancea ; Peter Richmond; Gurjeet Dhesi; Claudiu Herteliu, Decomposition of the Inequality of Income Distribution by Income Types- Application for Romania, ENTROPY, 19(9), No. articol 430, 2017, eISSN 1099-4300, DOI: 10.3390/e19090430, WOS:000411527100005	Has the synergistic development of urban cluster improved carbon productivity? -- Empirical evidence from China, JOURNAL OF CLEANER PRODUCTION, 414, art. No. 137535, 2023, DOI10.1016/j.jclepro.2023.137535, WOS:001011445300001, ISSN 0959-6526, eISSN 1879-1786	Q1	ENGINEERING, ENVIRONMENTAL, ENVIRONMENTAL SCIENCES, GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	1.659	1
10	Bogdan Oancea ; Tudorel Andrei; Dan Pirjol, Income inequality in Romania: The exponential-Pareto distribution, PHYSICA A- STATISTICAL MECHANICS AND ITS APPLICATIONS, 469, 486–498, 2017, ISSN 0378-4371; eISSN 1873-2119, DOI:	Lichner, I; Lyocsa, S; Vyrostopova, E. Nominal and discretionary household income convergence: The effect of a crisis in a small open economy, STRUCTURAL CHANGE AND ECONOMIC	Q1	Economics	1.024	1

10.1016/j.physa.2016.11.094, WOS:000392793500048	DYNAMICS, vol 61, pp. 18-31, 2022, DOI10.1016/j.stru eco.2022.02.004, WOS:000789863000002, ISSN 0954-349X, eISSN 1873-6017				
TOTAL Punctaj C					10

Director de proiect/membru la granturile de cercetare:

Situația îndeplinirii criteriilor

Științe sociale/economice

Cerințe ASE-IOSUD	Criteriu îndeplinit/neîndeplinit
să aibă un număr minim de 5 articole publicate în reviste indexate Web of Science (în categoriile SSCI sau SCIE; nu se includ revistele din categoria ESCI) cu AIS nenul (publicate în minim 3 reviste diferite), din care minim 3 din categoriile Core Economics și/sau Infoeconomics (publicate în minim 2 reviste diferite). Din cele 3 articole din categoriile Core Economics și/sau Infoeconomics, minim unul trebuie să aibă AIS mai mare sau egal cu 0,2;	<p>Îndeplinit</p> <p>129 articole in reviste SSCI sau SCIE cu AIS nenul (lista de lucrari)</p> <p>11 articole cu AIS nenul in Core Economics si/sau Infoeconomics</p> <p>1 articol in INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL, 1 articol in INTERNATIONAL JOURNAL OF ACCOUNTING INFORMATION SYSTEMS, 1 articol in ELECTRONICS, 2 articole in AGRICULTURAL ECONOMICS-ZEMEDELSKA EKONOMIKA, 1 articol in ACTA OECONOMICA, 3 articole in PRAGUE ECONOMIC PAPERS, 2 articole in ROMANIAN JOURNAL OF ECONOMIC FORECASTING, 4 articole in ECONOMIC COMPUTATION AND ECONOMIC CYBERNETICS STUDIES AND RESEARCH</p> <p>5 articole in Core Economics si/sau Infoeconomics cu AIS mai mare decat 0.2:</p>

	<p>1 articol in ELECTRONICS, 2 articole in AGRICULTURAL ECONOMICS-ZEMEDELSKA EKONOMIKA, 1 articol in INTERNATIONAL JOURNAL OF ACCOUNTING INFORMATION SYSTEMS, 1 articol in INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL</p>
<p>în cel puțin unul dintre cele cinci articole de la punctul b, candidatul să fie unic sau prim autor;</p>	<p style="text-align: center;">Indeplinit</p> <p>Bogdan Oancea; Mihaela Simionescu; Richard Pospisil, Do Machine Learning Techniques Outperform Autoregressive Distributed Lag Models in Inflation Forecasting?, PRAGUE ECONOMIC PAPERS, 34(4), 495–558, 2025, ISSN 1210-0455; eISSN 2336-730X, DOI: 10.18267/j.pep.898, WOS:001648786100002.</p> <p>Bogdan Oancea; Mihaela Simionescu, Gross Domestic Product Forecasting: Harnessing Machine Learning for Accurate Economic Predictions in a Univariate Setting, ELECTRONICS, 13(24), No. articol 4918, 2024, ISSN 2079-9292, DOI: 10.3390/electronics13244918, WOS:001387145100001.</p> <p>Bogdan Oancea, Automatic Product Classification Using Supervised Machine Learning Algorithms in Price Statistics, MATHEMATICS, 11(7), No. articol 1588, 2023, eISSN 2227-7390, DOI: 10.3390/math11071588, WOS:000969991500001.</p> <p>Bogdan Oancea; Richard Pospisil; Marius Nicolae Jula; Cosmin-Ionut Imbrisca, Experiments with Fuzzy Methods for Forecasting Time Series as Alternatives to Classical Methods, MATHEMATICS, 9(19), No. articol 2517, 2021, eISSN 2227-7390, DOI: 10.3390/math9192517, WOS:000731452600001</p>

	<p>Bogdan Oancea; Dan Pirjol; Tudorel Andrei, A Pareto upper tail for capital income distribution, PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, 492, 403–417, 2018, ISSN 0378-4371; eISSN 1873-2119, DOI: 10.1016/j.physa.2017.09.034, WOS:000423495100035</p> <p>Bogdan Oancea; Tudorel Andrei; Dan Pirjol, Income inequality in Romania: The exponential-Pareto distribution, PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, 469, 486–498, 2017, ISSN 0378-4371; eISSN 1873-2119, DOI: 10.1016/j.physa.2016.11.094, WOS:000392793500048</p> <p>Bogdan Oancea; Richard Pospisil; Raluca Mariana Dragoescu, HIGHER EDUCATION AND ECONOMIC GROWTH: A COMPARISON BETWEEN THE CZECH REPUBLIC AND ROMANIA, PRAGUE ECONOMIC PAPERS, 26(4), 467–486, 2017, ISSN 1210-0455; eISSN 2336-730X, DOI: 10.18267/j.pep.622, WOS:000410716400006</p> <p>Bogdan Oancea; Razvan Zota, Performance analysis of spatial data indexing, INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL, 1, 336–340, 2006, ISSN/eISSN: ISSN 1841-9836, WOS:000203014800056.</p>
<p>punctajul minim obținut (S), calculat potrivit metodologiei CNATDCU cu privire la <i>Standardele minimale necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior și a gradelor profesionale de cercetare – dezvoltare</i> să fie cu 30% mai mare decât punctajul minim prevăzut în <i>metodologia CNATDCU</i>.</p>	<p>Indeplinit</p> <p>P = 36.069, C = 10, S = 46.069</p>

Criterii minime Abilitare CNATDCU	Punctaj obținut de către candidat	Observații
S ≥ 4	46.049	Punctajul obținut este cu 1051.225% mai mare decât punctajul minim CNATDCU
P ≥ 2	36.049	-
C ≥ 1,2.	10	-

[Data]
2.06.2026

[Semnătura]