

Relationship between journal sustainability and compliance with the principles of transparency and good practice in scholarly publishing

Tuğçe Pekcoşkun^{1,2}, Kadri Kiran^{1,2}, Didem Aydan³, Fatma Başar³, Cem Uzun^{1,2}

¹Trakya University, Edirne, Turkey, ²EASE Turkish Regional Chapter, ³TUBITAK-ULAKBİM, Ankara, Turkey

Correspondence: cemuzun@yahoo.com

POSTER 1

Welcome to the 15th EASE general assembly and conference poster exhibition and competition.

1.SLIDE



To briefly talk about myself, I am Tuğçe PEKCOŞKUN, a master student at Trakya University. I am also a new EASE member and I am very proud to be with you.

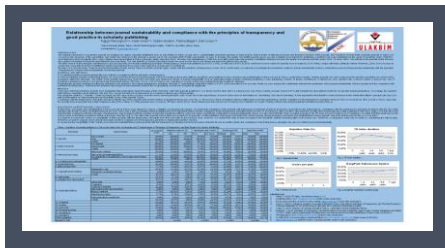
I hope that this bad disease that surrounds our world will end as soon as possible and that useful scientific activities will be carried out face to face. Before moving on to our work, I would like to thank to the EASE Turkish Chapter Chair, Prof. Cem UZUN and Prof. Kadri KIRAN.

I hope you will like our study.

I wish you healthy days.

With my love and respect.

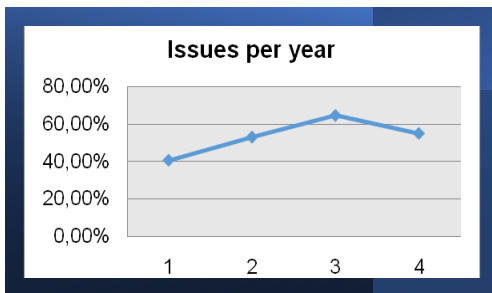
2.SLIDE



The name of our study is Relationship between journal sustainability and compliance with the principles of transparency and good practice in scholarly publishing.

We evaluated whether journal sustainability was related to compliance with the principles of transparency and good practice in scholarly publishing.

3.SLIDE



In order to minimize possible confounding factors, we chose all of the 45 peer-reviewed journals, which are hosted by the same platform (DergiPark) and published by the economics and administrative science schools in Turkey, as the study sample.

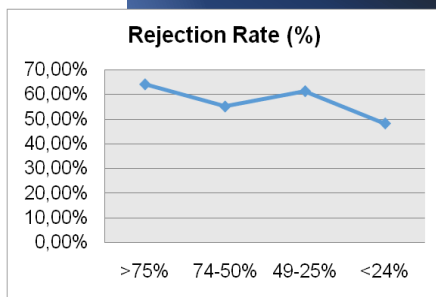
Publication status, number of issues, submissions, published articles per year, rejection rate, common volume or issue, use of submission system and indexing in important indices were compared with compliance to the 16 transparency principles.

4.SLIDE

Principle	Relationship	Information	Principle compliance (%)		Information compliance (%)		Information compliance (%)		Information compliance (%)	
			Yes	No	Yes	No	Yes	No	Yes	No
1. Website	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
2. Name of journal	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
3. Peer review process	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
4. Openness and transparency	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
5. Advertising and marketing	Principle	Information	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%
		Information	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%
6. Direct marketing	Principle	Information	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%
		Information	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%
7. Copyright and licensing	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
8. Author fees	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
9. Advertising and marketing	Principle	Information	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%
		Information	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%
10. Publication ethics	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
11. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
12. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
13. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
14. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
15. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
16. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
17. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
18. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
19. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
20. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
21. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
22. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
23. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
24. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
25. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
26. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
27. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
28. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
29. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
30. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
31. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
32. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
33. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
34. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
35. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
36. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
37. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
38. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
39. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
40. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
41. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
42. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
43. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
44. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
45. Sustainability	Principle	Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%
		Information	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%	100,00%	0,00%

“Website”, “name of journal” and the “peer review process” were the most coherent principles. However, there were no information on “advertising” and “direct marketing”, and the overall coherence to the “Publication Ethics” principle was only 21% with no information on “data sharing and reproducibility” in any of the journals.

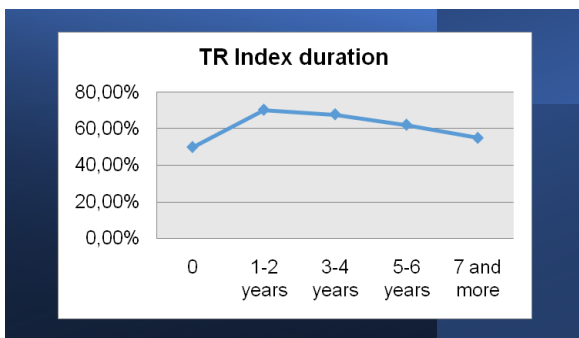
5.SLIDE



It has been determined that two journals have terminated their publications during the study period. Generally, half of the journals published 1 or 2 issues and the other half 3 or 4 issues per year

Compliance with the transparency principles increased with the rise of the rejection rate and the number of published issues per year.

6.SLIDE



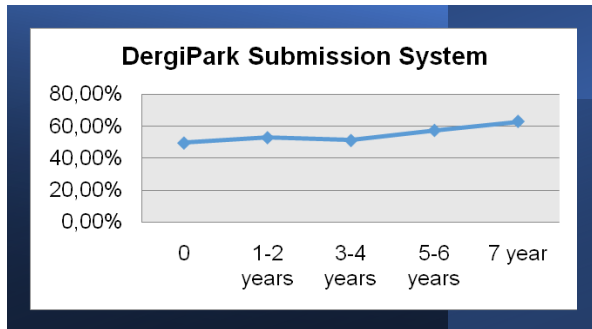
There was a direct correlation between getting indexed in important indices and the compliance to the transparency principles especially the recently indexed journals had a high compliance rate.

7.SLIDE

Category	Sub-category	TR Index	Compliance (%)	Transparency (%)	Number of issues	Number of years
A. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
B. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
C. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
D. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
E. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
F. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
G. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
H. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
I. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
J. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
K. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
L. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
M. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
N. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
O. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
P. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
Q. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
R. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
S. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
T. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
U. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
V. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
W. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
X. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
Y. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100
Z. Journals	TR Index	100	100	100	100	100
	Compliance	100	100	100	100	100

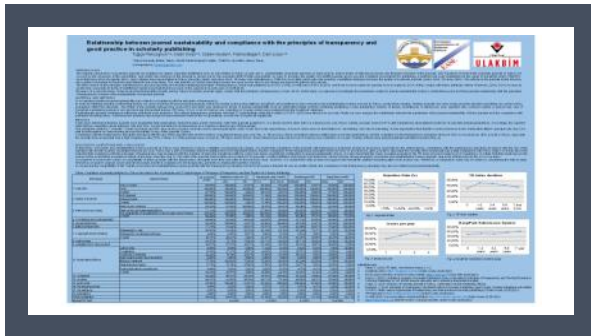
Regarding the duration of using DergiParksubmission system, compliance to the transparency principles gradually increased.

8.SLIDE



Fourthly of them were using DergiPark submission system.

9.SLIDE



Besides its use as quality criteria, the compliance to the transparency principles may also be related to journal sustainability.

10.SLIDE

THANK YOU