

The impact of economic policy uncertainty on the green transformation of OFDI enterprises

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1. Introduction

In the context of a globalized economy, outward foreign direct investment (OFDI) enterprises, as the main body of multinational operations, play an increasingly important role in promoting global green transformation and sustainable development. When these enterprises engage in resource allocation, production, and business activities across national borders, their environmental impact and social responsibility have received high attention from the international community. Exploring the impact of economic policy uncertainty on the green transformation of OFDI enterprises has profound theoretical and practical significance for understanding the interaction between global environmental governance and international business practices.

2. Methodology and Data

This study selected 1361 OFDI companies listed on A-share market from 2013 to 2022 as research samples, and quantitatively measured the research variables using methods such as entropy weight, word vectors, and grey correlation. Based on this, an OLS mixed regression model was constructed to deeply explore the impact of economic policy uncertainty on their green transformation.

3. Results

Empirical analysis is based on the sample data of OFDI enterprises of Chinese listed companies from 2013 to 2022. From the results, it can be seen that economic policy uncertainty has a positive promoting relationship with the green transformation of enterprises. In heterogeneity testing, it was found that the perception of economic policy uncertainty has a differentiated effect on various capabilities of green transformation, mainly driven by green investment and management capabilities, and has a more significant promoting effect on non-state-owned, non manufacturing, and labor-intensive enterprises. In mechanism testing, the study found that the driving force of green transformation capabilities will come from the improvement of various dimensions of organizational resilience after the expected economic policy uncertainty of enterprises increases. Finally, the level of international development has a moderating effect on the impact of economic policy uncertainty on the green transformation of OFDI, and the

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promotion effect of green transformation of outward oriented OFDI enterprises is more prominent.

4. Conclusion

Through research, it has been found that economic policy uncertainty has a positive impact on the green transformation of OFDI enterprises. In this process, enterprises can achieve comprehensive promotion of green transformation by strengthening organizational resilience, and demonstrate a stronger promoting effect in non-state-owned, non manufacturing, and labor-intensive enterprises. In addition, the effect of this promoting effect will also be influenced by the degree of internationalization.

Reference

- Baker, S. R. ; Bloom, N. and Davis, S. J. "Measuring Economic Policy Uncertainty. "Quarterly Journal of Economics, 2016, 131 (4) , pp. 1593—1636.
- Bloom N. , Floetotto M. , Jaimovich N. Really Uncertain Business Cycles[J]. Econometrica, 2018, 86 (3) : 1031-1065.
- Crowley, M. ; Meng, N. and Song, H. "Tariff Scares: Trade Policy Uncertainty and Foreign Market Entry by Chinese Firms. "Journal of International Economics,2018,114 (9) ,pp. 96-115.
- Doron Avramov.Sustainable investing with ESG rating uncertainty[J].Journal of Financial Economics,2022,Vol.145 (2) : 642-664
- DONG F,WAND Y,ZHENG L,et al.Can industrial agglomeration promote pollution agglomeration?Evidence from China[J].Journal of Cleaner Production,2020,246:118960.
- FOLKEC.Resilience:The emergence of a perspective for social-ecological systems analyses [J].Global Environmental Change,2006,16 (3) :253-267.
- Gao Q, Lin M, Sias R. Words Matter: The Role of Readability, Tone, and Deception Cues in Online Credit Markets. Journal of Financial and Quantitative Analysis. 2023;58(1):1-28.
- Gulen , H. and Ion , M. "Policy Uncertainty and Corporate Investment. "Review of Financial Studies, 2015, 29(3) , pp. 523—564. HadlockCJ,Pierce JR.
- New Evidence on Measuring Financial Constraints:Moving Beyond the KZ Index [J].Review of Financial Studies,2010,23(5):1909-1940.
- Li K,Griffin D,Yue H,et al.How does culture influence corporate risk-taking?[J].Journal of Corporate Finance,2013,23:1-22.
- Roychowdhury S. Earnings management through real activities manipulation[J]. Journal of Accounting and Economics, 2006, 42(3): 335-370.
- Triguero. & Córcoles D.Understanding innovation: An analysis of persistence for Spanish manufacturing firms[J].Research Policy, 2013, 42(2) : 340-352.