

Review of: "Nexus between export variety and carbon emissions in Pakistan: The role of FDI and technological development"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

The paper deals with an interesting and relevant topic within the scope of the journal. The study examined the impact of export variety on carbon emissions along with FDI and technological development as determinants of environmental degradation in Pakistan by applying DOLS and error correction models for long-term and short-term estimates, respectively.

- I suggest FMOLS and ARDL for robustness check.
- Intro-section is so extensive with too many citations.
- Literature is too extensive, organizing the information in a table may be more intuitive and useful for the readers.
- It would be better to provide a model (equation) in a separate section, with variable units, descriptions, data period, and sources.
- PP unit root test is outdated, and time-series data have a structural break. There is many advanced methods in the literature. see (<https://doi.org/10.1016/j.energy.2019.116836>); (<https://doi.org/10.1080/17583004.2019.1577179>); ([10.1142/S0217590819500176](https://doi.org/10.1142/S0217590819500176)); (<https://doi.org/10.1007/s11356-019-04254-7>).
- Johansen and Juselius cointegration/ if can use (Hatemi-J cointegration test with regime shifts). <https://doi.org/10.1016/j.energy.2019.116836>.
- Limitations of the study is missing.