

# Review of: "Science desperately needs disruptive innovation"

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**Potential competing interests:** No potential competing interests to declare.

Thanks for the chance to review this interesting research. This paper developed a new Disruption Index (DI), enabling cross-analyses between hi-tech and science for the first time. The two fields show similar disruption patterns. However, data show that while hi-tech quickly identifies and harnesses innovation advancements, science lags in both and is highly affected by exogenous shifts.

Hereby I provide some of my comments/questions/opions which I hope will be helpful for the authors (you, hereafter).

First, I believe the authors need to be more precise and clearer in the words they use. For example, how do you define hi-tech and science? What do you mean by those two terms? What is the relationship between them?

Second, please consider giving a more detailed description of the dataset.

Third, consider strengthening the reasons for the calculation of the disruptive pattern. Do you have any literature support?