

# Review of: "A method to reduce false positives in a patent query"

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

The paper makes an interesting and novel contribution to applications of patent data in research projects. It specifically addresses technology areas (such as 5G, or renewable energy) that are not presented by one technology code and can be across various technology codes and fields. It uses a network approach to find interconnection of technology codes and suggest using that to filter patents for better targeting.

I have a few suggestions to improve the paper:

1. There are a lot of writing typos. For several references, open parenthesis are not matched by a closing one. Also, when a reference is inside parentheses, it is often written as (name,year; name,year).
2. The term "false positive" does not have a clear meaning. Patents cannot be positive or negative. What the authors mean is "false identification" of a patent as belonging to a technology group when it does not.
3. There are other efforts to do classify emerging technologies using IPCs and keywords (see WIPO report <https://www.wipo.int/publications/en/details.jsp?id=4594>). The authors need to mention them and do a comparison.