Review of: "Implementing Simulation Software to Develop Virtual Experiments in Undergraduate Chemical Engineering Education"

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Potential competing interests: No potential competing interests to declare.

1. The use of simulation software for virtual experiments in chemical engineering education reflects a forward-thinking and adaptable approach.
2. The study demonstrates tangible improvements in students' problem-solving skills, teamwork, and communication abilities, especially during the challenges posed by the COVID-19 pandemic.
3. The implementation of a Continuous Internal Evaluation (CIE) process, along with transparent communication of assessment methods, adds credibility to the evaluation of students' affective learning domain.
4. A clearer analysis of specific areas where students improved after virtual lab implementation would strengthen the study's findings, providing deeper insights into the effectiveness of the virtual labs.
5. Including a comparative analysis between periods of exclusive virtual lab use and those with traditional wet labs could offer a clearer understanding of the unique contributions and potential limitations of virtual experiments in chemical engineering education.