

Wind Energ. Sci. Discuss., referee comment RC1
<https://doi.org/10.5194/wes-2021-99-RC1>, 2021
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Comment on wes-2021-99

Joseph Saverin (Referee)

Referee comment on "A multipurpose lifting-line flow solver for arbitrary wind energy concepts" by Emmanuel Branlard et al., Wind Energ. Sci. Discuss.,
<https://doi.org/10.5194/wes-2021-99-RC1>, 2021

Generally a good and well-structured paper. A few typographical errors which can be quickly corrected. A few statements which are somewhat questionable, which however can probably be addressed with a suitable reference.

The results shown do not demonstrate any new physical findings, but rather validate the solver. The addition of a general lifting line solver to OpenFAST is welcome and will help contribute to the uptake of vortex methods.

Please also note the supplement to this comment:

<https://wes.copernicus.org/preprints/wes-2021-99/wes-2021-99-RC1-supplement.pdf>