

Interactive comment on “A vortex-based tip/smearing correction for the actuator line” by Alexander Raul Meyer Forsting et al.

Anonymous Referee #2

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The paper deals with a correction for the actuator line method. This subject is very interesting, since many codes are using actuator line method for multiscale modelling, in particular in the wind energy field. The paper is written not in a straight forward organization, that does not allows to easily follow the discussion. Some specific comments:

- page 5 line 12: there is no figure indicating the domain for the rotor simulation nor the wind test case and there is no indication of the position of the rotor/wing in the domain.
- page 5 line 15: maybe I'm missing it, but N_s is not specified.
- page 5 line 22: the sensitivity study for AL should be reported as well since it is interesting as well.
- table 3: do you compare with state of the art calculation of NREL5MW actuator line computations?

Interactive comment on Wind Energ. Sci. Discuss., https://doi.org/10.5194/wes-2018-76, 2019.