

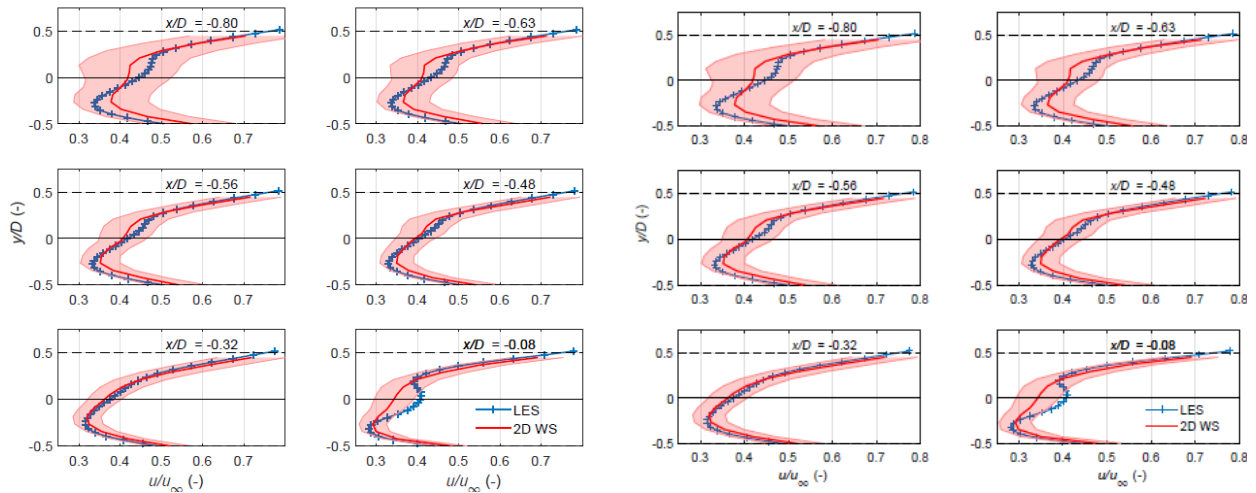
Comments to second revision of WES-2024-113

Thanks to the authors for the vast revision implemented. The manuscript can be accepted provided that the two additional comments below are addressed. Please, next time provide a marked up version including only the changes done at the last iteration.

New comments

L 520: “This interaction of vertical shear 520 with the wake can lead to an asymmetric velocity distribution as the wake rotation due to difference in wake convection speeds between the upper and lower rotor halves enhances mixing between the low and high momentum regions of the wake”: this explanation is not clear. The wake rotation is not “due to differences in wake convection” but is the to the third Newton law applied to the turbine torque. Are the authors trying to say that the wake rotation in case of high shear the wake rotation mixes up layers of fluid with different speeds, as reported at line 609? Please rephrase.

Fig 10: After adding the statistical uncertainty to the propagated uncertainty, the errors seem to be smaller, while they should be bigger by definition (see below). Please provide an explanation and fix it.



Old figure

New figure