Wind Energ. Sci. Discuss., referee comment RC1
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# Comment on wes-2022-33

Anonymous Referee #1

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Referee comment on "Evaluating the mesoscale spatio-temporal variability in simulated wind speed time series over northern Europe" by Graziela Luzia et al., Wind Energ. Sci. Discuss., https://doi.org/10.5194/wes-2022-33-RC1, 2022

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**General comment:**

This paper investigates how to improve the mesoscale modeling of wind time series over Northern Europe for power and energy system purposes by performing a series of WRF sensitivity studies. The results are interesting and certainly worth noticing by the wind energy communities. Therefore, I suggest minor revision before publication.

**Minor comments:**

Line 9: “high resolution” to “high temporal resolution”?

What is the simulation period? Need to include that in Section 2.1

What is the temporal resolution of the measured data (Section 2.2)