

## ***Interactive comment on “Robust active wake control in consideration of wind direction variability and uncertainty” by Andreas Rott et al.***

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Overall, this is a great paper and a good contribution to the overall goal to implementing a wind plant wake steering controller.

For figure 2, what instrument was used to measure the wind direction? I think this should be mentioned in the caption and the body of text. It is something to consider when the statistics of the measurement are analyzed, which they are discussed later. If it is a met mast measurement, which way is the boom oriented on the tower? Is tower shadow a concern?

Figure 3: could you add legends to the plots?

In section 3.1, for the stochastic properties of wind direction, I don't see a mention

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of atmospheric stability, or turbulence intensity. I would think that these atmospheric quantities would correlate somewhat to the variability of the wind direction. I think it would be good to include something about this in this section.

Overall, it is a great paper!

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