

Interactive comment on “Synergy between satellite observations and model simulations during extreme events” by Anne Wiese et al.

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Based on the performed reviews this paper should emphasize what is actually novel and that is the satellite data assessment using a wave model. In a comparison the difference between wind fields as driver for the resulting wave fields should be analysed in terms of objective parameters. For instance running the meteorological model or sampling a given wind field at different grid sizes. This objective comparison trying to modify only one element at a time within the whole comparison process would add value to the paper and increase the strength of the essential message which should be related to the quality of satellite data and its limitations.

The robustness of the Sentinel-3A data should be emphasized, stressing the impor-

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tance of data quality regardless of flight direction or wind direction.

Finally the title should be reconsidered since it does not reflect the wave model validation effort which is one of the main components of the paper.

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