

Referee report on revised version of manuscript on “Dependence of turbulence estimations on nacelle-lidar scanning strategies” by Fu et al.

I want to thank the authors for responding to my and the other referee’s comments on their initial manuscript on “Dependence of turbulence estimations on nacelle-lidar scanning strategies” and for respecting them in a revised version of the manuscript. After assessing the provided material, I conclude that the manuscript improved considerably. The topic covered in the manuscript, i.e., the impact of Lidar measurement strategies on estimations of turbulence characteristics, is of great importance for the wind energy community. As described by the authors in the outlook section, it will be a task for the future to perform similar assessments of measurement strategies for higher-order statistical quantities, such as the kurtosis or the skewness of wind field fluctuations evaluated at two or even more points in the atmospheric flow. The manuscript will be an excellent contribution to the literature, and I suggest accepting it in its current form.