

## Reproducibility report

Part of the results of this Annals of Applied Statistics (AoAS) paper were reproduced when Chapter 4 of *Data Science for Wind Energy* was written. This report makes use of the datasets and code available on the DSWE booksite. When the results were reproduced, some of the outcomes may have changed, due to various random factors in data processing and the algorithms. The results presented in the DSWE book are closer to what can be produced by the following datasets and code.

1. **Data.** Go to <https://aml.engr.tamu.edu/book-dswe/dswe-datasets/> and get Dataset #4, Wind Spatio-Temporal Dataset2.
2. **Code.** Go to <https://aml.engr.tamu.edu/book-dswe/dswe-code/> and get Chapter 4 code. The following table presents the cross-reference between the figures and tables of the two sources.

| DSWE Chapter 4     | AoAS paper |
|--------------------|------------|
| Figure 4.4         | Figure 3   |
| Figure 4.9         | Figure 9   |
| Tables 4.4 and 4.5 | Table 1    |
| Table 4.6          | Table 2    |