Supplement of

Influence of sea salt aerosols on the development of Mediterranean tropical-like cyclones

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S1 Complementary figures

S1.1 Medicane on-track statistics

Figure S1. The same as in Figure 1 on the main text, but for the ensemble of simulations for medicane Rolf with spectral nudging.
Figure S2. The same as in Figure 1 on the main text, but for the ensemble of simulations for medicane Rolf without spectral nudging.

Figure S3. The same in Figure 1 on the main text, but for the ensemble of simulations for medicane Cornelia with spectral nudging.
**Figure S4.** The same as in Figure 1 on the main text, but for the ensemble of simulations for medicane Cornelia without spectral nudging.

**Figure S5.** The same as in Figure 1 on the main text, but for the ensemble of simulations for medicane Celeno with spectral nudging.
**Figure S6.** The same as in Figure 1 on the main text.

**S1.2 Medicane tracks KDEs**

**Figure S7.** Left (PA) and middle (IA) plots are KDEs for the track points of the ensemble of simulations for medicane Rolf with spectral nudging. Right plot is a binary version (threshold=20%) of both together.

**Figure S8.** Left (PA) and middle (IA) plots are KDEs for the track points of the ensemble of simulations for medicane Rolf without spectral nudging. Right plot is a binary version (threshold=20%) of both together.
Figure S9. Left (PA) and middle (IA) plots are KDEs for the track points of the ensemble of simulations for medicane Cornelia with spectral nudging. Right plot is a binary version (threshold=20%) of both together.

Figure S10. Left (PA) and middle (IA) plots are KDEs for the track points of the ensemble of simulations for medicane Cornelia without spectral nudging. Right plot is a binary version (threshold=20%) of both together.

Figure S11. Left (PA) and middle (IA) plots are KDEs for the track points of the ensemble of simulations for medicane Celeno with spectral nudging. Right plot is a binary version (threshold=20%) of both together.

Figure S12. Left (PA) and middle (IA) plots are KDEs for the track points of the ensemble of simulations for medicane Celeno without spectral nudging. Right plot is a binary version (threshold=20%) of both together.