A **possibilistic** interpretation of **ensemble predictions**: Experiments on the **imperfect** Lorenz 96 **model**

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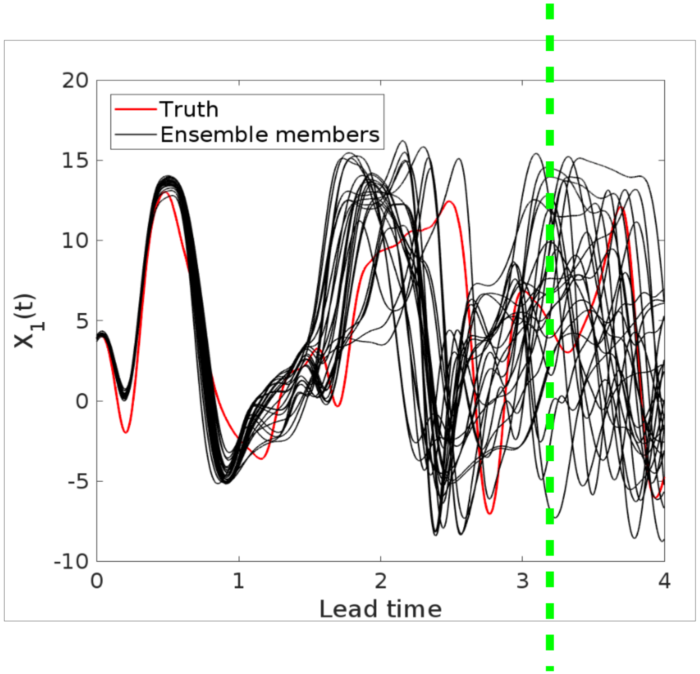
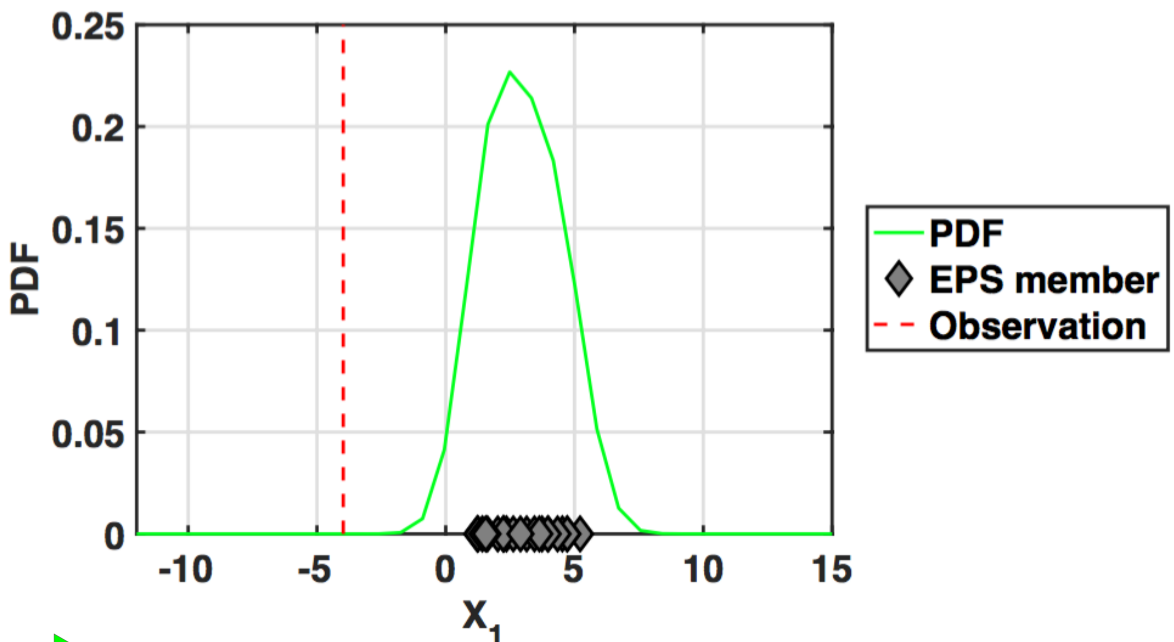
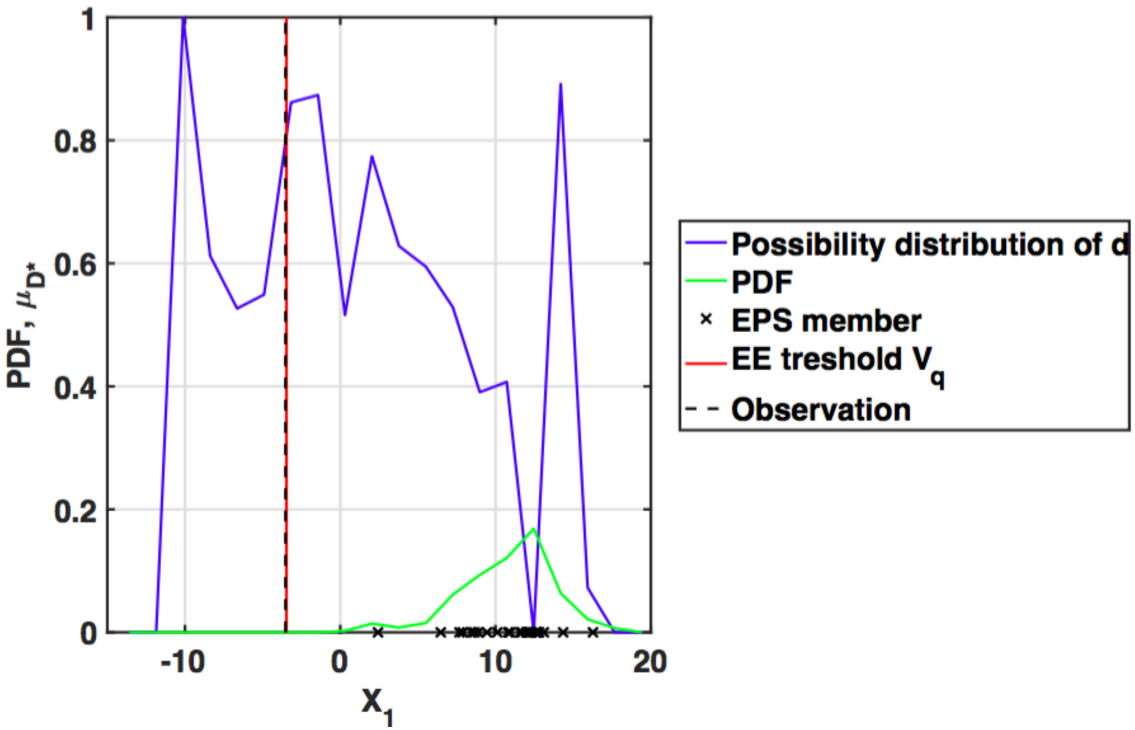
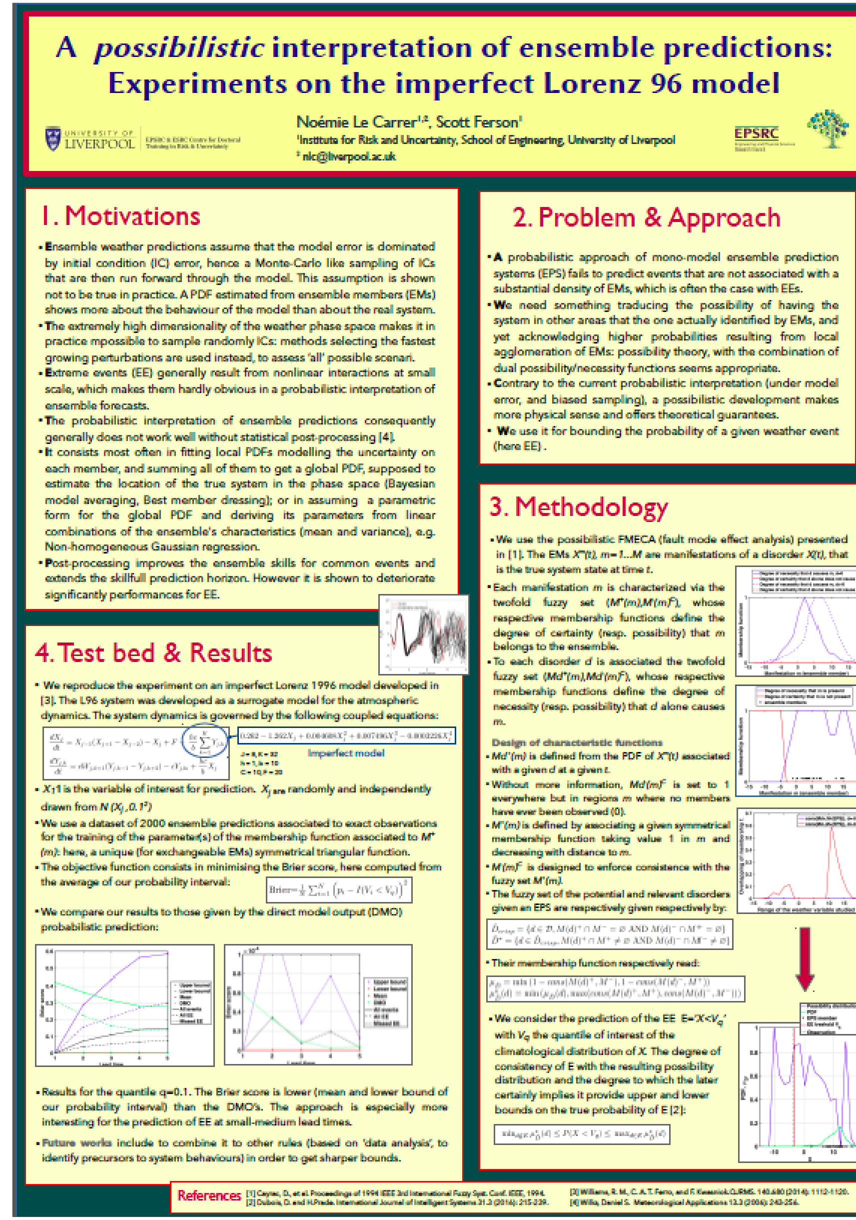




Standard probabilistic
interpretation
+
statistical post-processing

A possibilistic interpretation?





- Under model error and 'biased' sampling, it makes more physical sense and offers theoretical guarantees.
- Used to bound the probability of a given weather event.