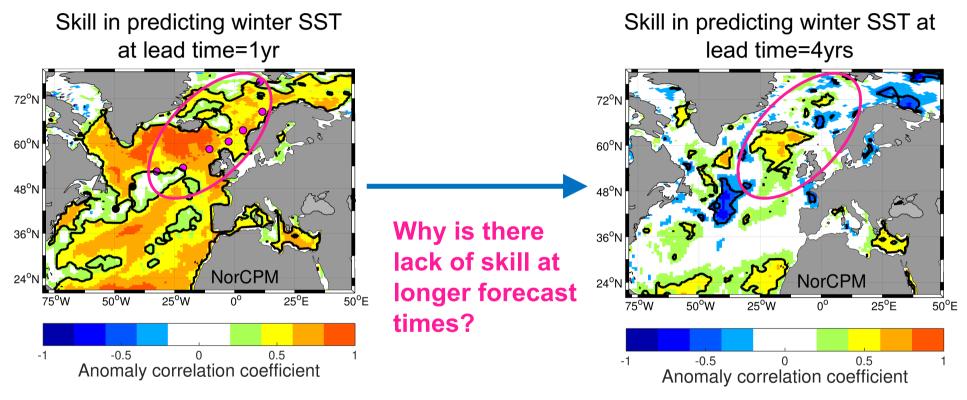
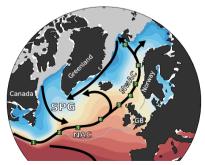


H. R. Langehaug, F. Counillon, N. Keenlyside

Predictive skill along the extension of the North Atlantic Current in the Norwegian Climate Prediction Model



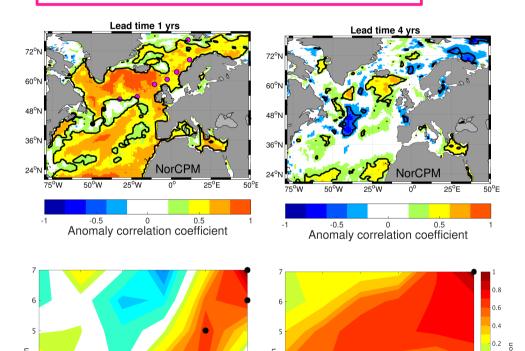


According to observations, there is predictability along the warm current

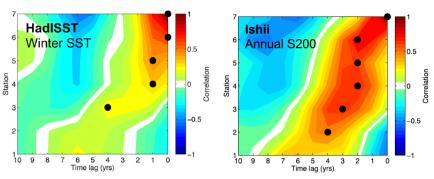
Årthun et al. 2017

Confronting the prediction systems with mechanism identified from observations

Langehaug et al., Work in progress...will include other prediction systems...



Only SST initialization, 1960-2010



Årthun et al., 2017; Langehaug et al., 2018

The Prediction group in Bergen:

We have investigated ways to enhance predictive skill of our system by:

- Assimilation of SST and hydrographic profiles
- Assimilation of sea ice concentration