1. **Research question**
When and to which extent did deep convection occur in the eastern Subpolar Gyre?

2. **Material & methods**
Mixed layer depth (MLD) from eddy-rich ocean model simulations (VIKING20X) and ARGO data

3. **Key results**
- Large variability of spatial deep convection patterns (1958-2019)
- In 2015-2018, unprecedented shift towards eastern Subpolar Gyre
- Shift linked to freshening trends (associated with Greenland melting?)

Changing spatial patterns of deep convection in the subpolar North Atlantic

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