

Supplementary for

North Atlantic Subpolar Gyre Provides Downstream Ocean Predictability

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Introduction

In this supplementary we give a figure showing prediction skill for subsurface salinity and temperature with ASSIM, EN4 and Atlas data as references (Figure 1). The results from 3 different datasets are consistent and support that salinity is better predicted than temperature along the Atlantic water pathway.

ACC over 150-310meter at lead years 3-5

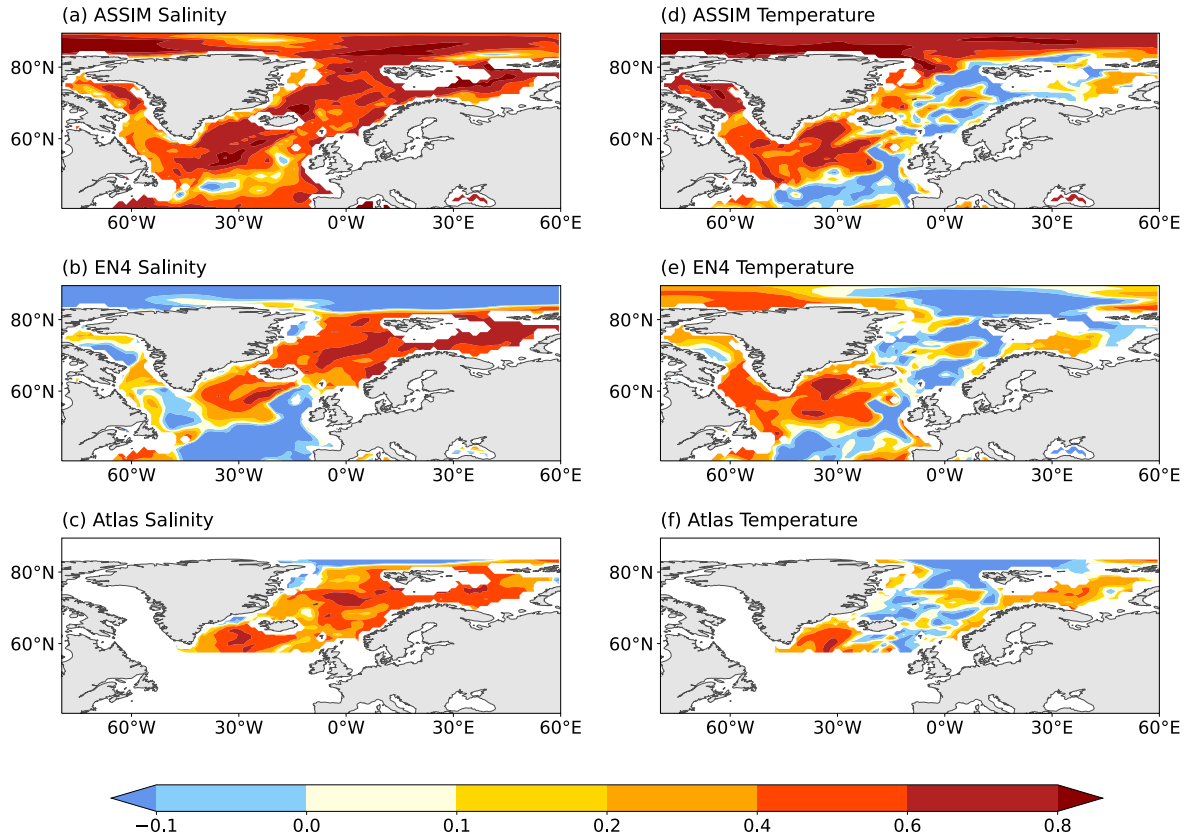


Figure 1. The anomaly correlation coefficient (ACC) over 150-310 meter for detrended annual mean salinity and temperature at lead years 3-5. ACC of salinity between hindcast and (a) ASSIM, (b) EN4, (c) Atlas. (d)-(f) As in (a)-(c), but for temperature. (a), (b), (d) and (e) are results for period 1970-2019, (c) and (f) are results for 1970-2012.