

# Supporting Information for “Controls on upper ocean salinity variability in the eastern subpolar North Atlantic during 1992–2017”

Ali H. Siddiqui<sup>1</sup>, Thomas W. N. Haine<sup>1</sup>, An T. Nguyen<sup>2</sup>, Martha Buckley<sup>3</sup>

<sup>1</sup>Department of Earth and Planetary Sciences, Johns Hopkins University, Baltimore, MD, USA

<sup>2</sup>Oden Institute for Computational Engineering and Sciences, University of Texas at Austin, Austin, TX, USA

<sup>3</sup>Atmospheric, Oceanic and Earth Sciences, George Mason University, Fairfax, VA, USA

## Contents of this file

1. Figures S1 to S3

**Introduction** Figures depicting the spatial variability of annually averaged 0–200 m salinity anomaly ( $S_{200}$ ) anomalies using the ECCOv4r4, EN4 and ASTE\_1 products are presented here.



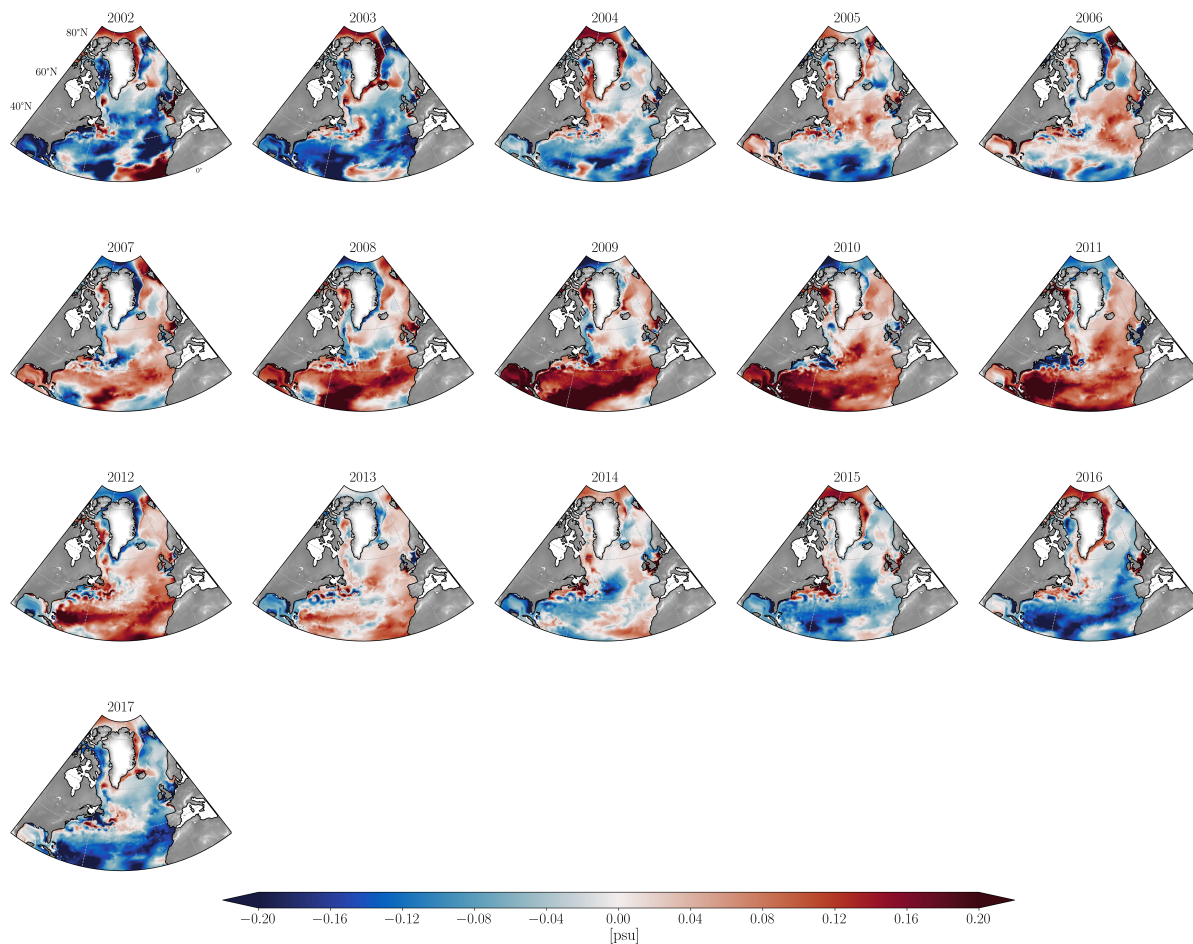
**Figure S1.** Annually averaged 0–200 m salinity anomaly ( $S_{200}$ ) using the ECCOv4r4 dataset for 1992–2017.

January 5, 2024, 4:13am



**Figure S2.** Annually averaged 0–200 m salinity anomaly ( $S_{200}$ ) using the EN4 dataset for 1990–2018.





**Figure S3.** Annually averaged 0–200 m salinity anomaly ( $S_{200}$ ) using the ASTE\_1 dataset for 2002–2017.