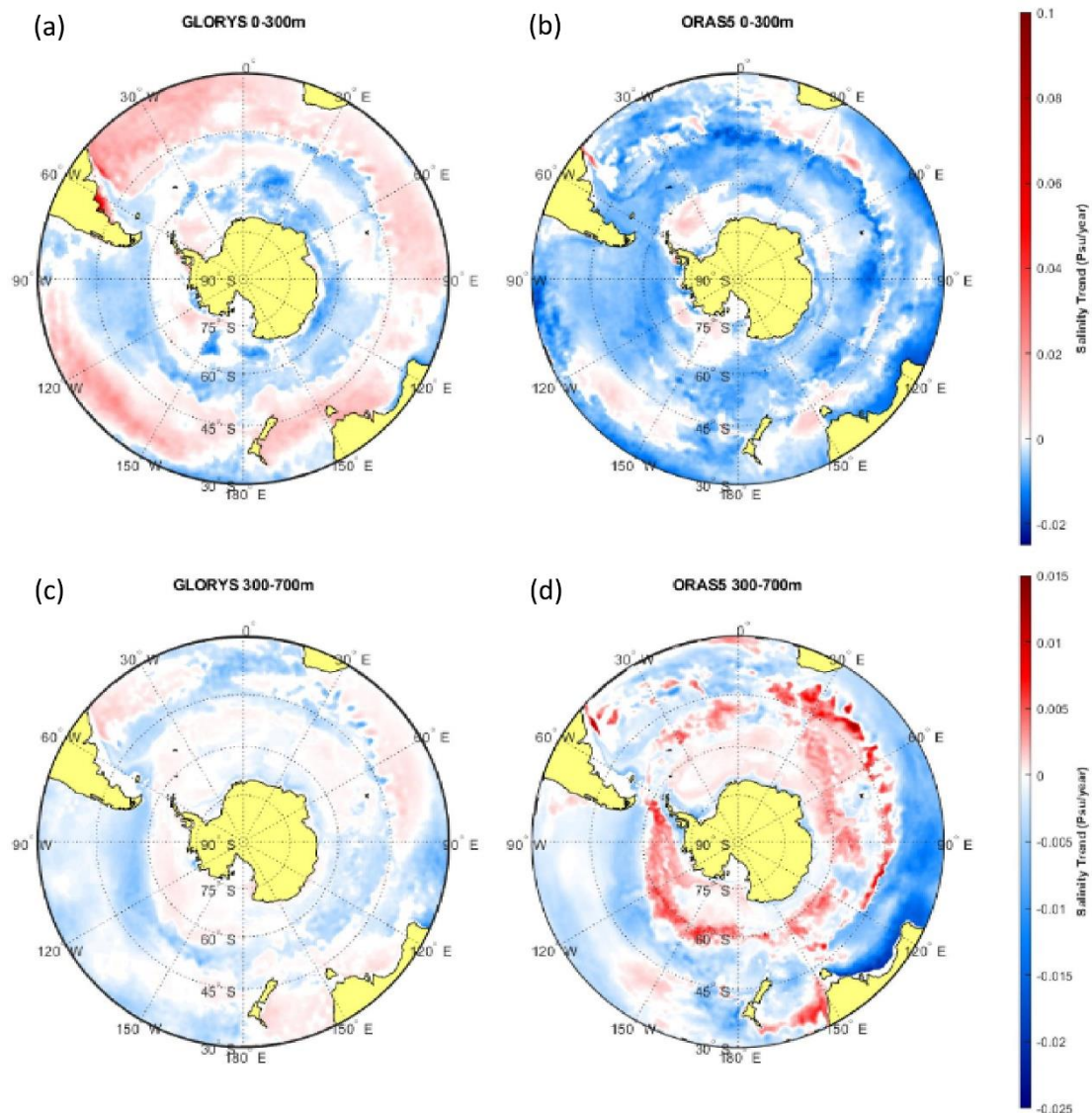


Supplementary material for: do Nascimento Reis R.A., Justino F., Ferreira de Mendonça L.F., Farneti R., Tonelli M., Prietsch Machado J. & da Silva Lindemann D. 2024. Representation of Dense Shelf Water formation by global oceanic reanalyses. *Polar Research* 43. Correspondence: Rafael Afonso do Nascimento Reis, Universidade Federal de Viçosa, Departamento de Engenharia Agrícola, Sala 107, 36570-900 Viçosa, Minas Gerais, Brasil. E-mail: rafael_cgb@hotmail.com.



Supplementary Fig. S1. Salinity trends in the layer between 0 and 300 m, showing only regions with 95% significant trends for (a) GLORYS2v4 and (b) ORAS5 reanalyses. Salinity trends in the layer between 300 and 700 m, showing only regions with 95% significant trends for the (c) GLORYS2v4 and (d) ORAS5 reanalyses.