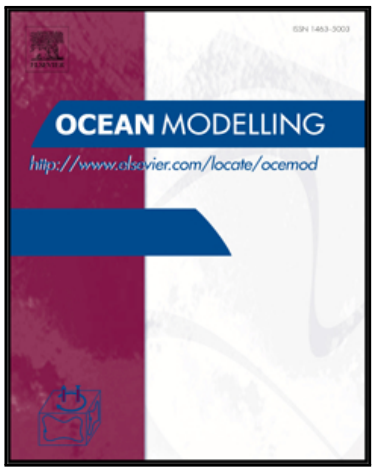

A comparison of the structure, properties, and water mass composition of quasi-isotropic eddies in western boundary currents in an eddy-resolving ocean model

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Highlights

- Anticyclonic eddies are a mix of the boundary current water and water that originates equatorward.
- Cyclonic eddies are a mix of boundary current water and water that originates poleward of the current.
- Agulhas eddies are the most intense.
- Tasman Sea eddies are the least barotropic and Brazil Current eddies are the most barotropic.
- Kuroshio eddies are the most stratified and Gulf Stream eddies carry the most heat.