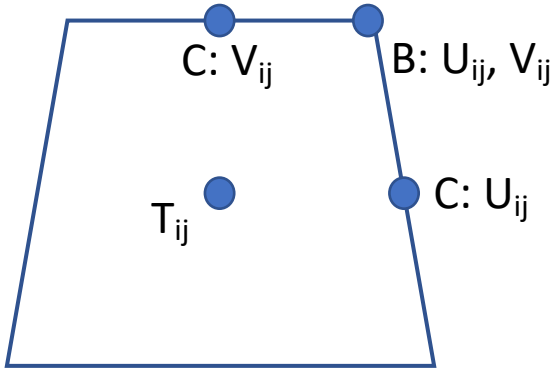
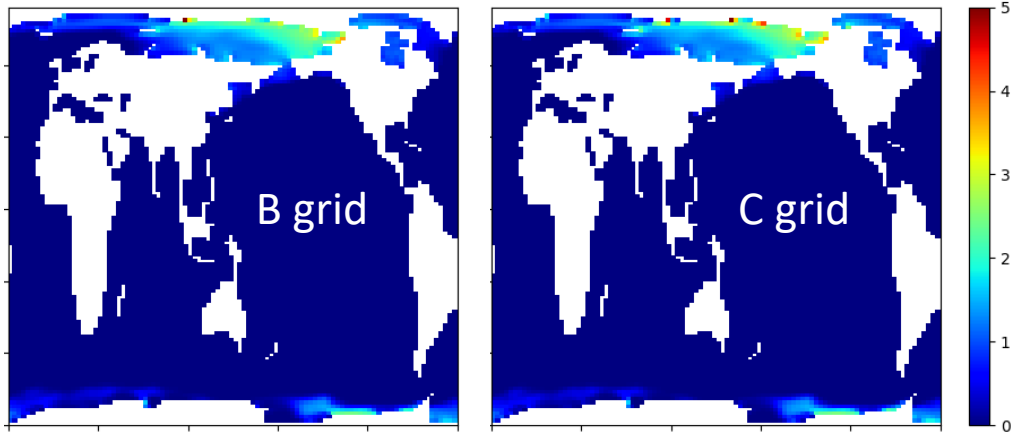
C-grid implementation



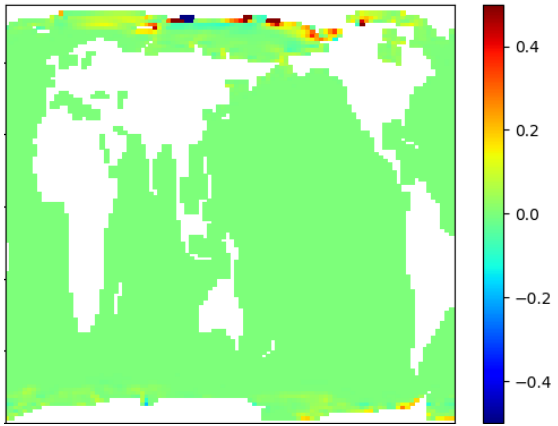
Sea ice thickness, 3° test configuration (m)



Alternative discretization for EVP dynamics for more direct coupling with C-grid ocean models

- Solves for velocity on cell edges rather than corners
- More flexible grid averaging, coupling
- Incremental remapping advection naturally uses edge velocities

C – B difference (m)



Differences accumulate in regions of convergence

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