

# cyclic vs zero\_gradient vs linear\_gradient gauss distribution case

## Setup

- aice=gauss, hi=gauss initial condition
- northeast wind forcing
- full physics/dynamics
- three cases; cyclic, zero\_gradient, linear\_extrap

## Results:

- hi at day 4
- iceberg moves northeast
- southwest corner fills as expected depending on bc
  - cyclic = ice wrapping around, “more” ice filling
  - zero = “constant” ice filling
  - linear = “less” ice filling

