

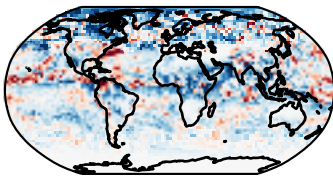
ML cloud radiation bias

Thresholded ML cloud radiation bias

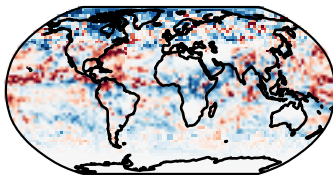
Effect of ML cloud thresholding

downward SW flux
at surface

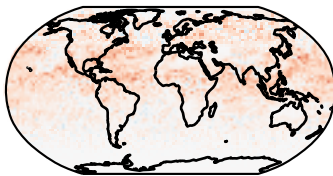
a)



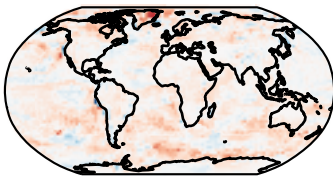
b)



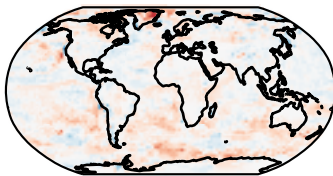
c)

downward LW flux
at surface

d)



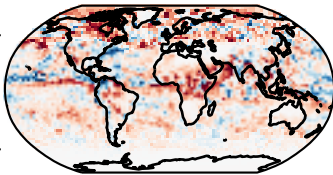
e)



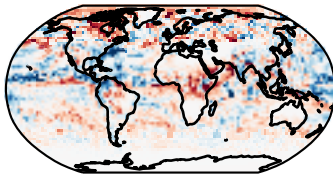
f)

upward SW flux
at top of atmosphere

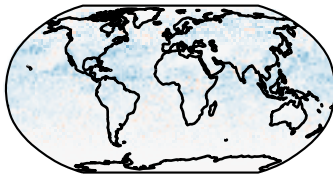
g)



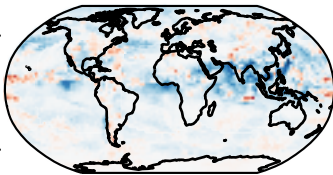
h)



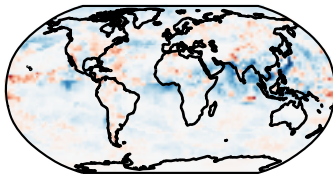
i)

upward LW flux
at top of atmosphere

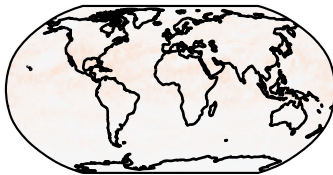
j)



k)



l)



-40 -20 0 20 40

ML cloud - coarsened fine cloud [W/m^2]

-50 -25 0 25 50

bias change,
thresholded ML cloud - ML cloud [W/m^2]