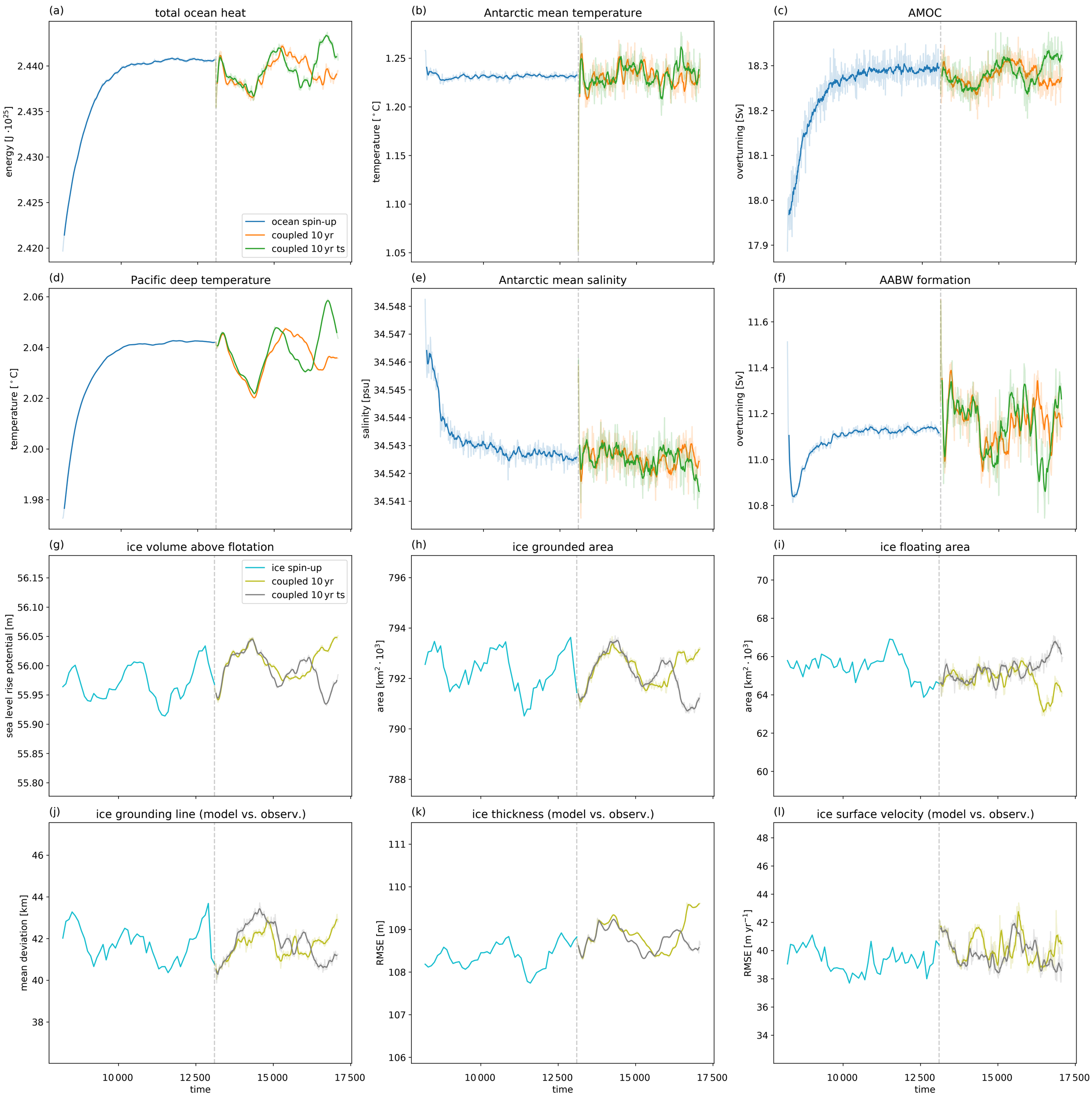
(a)
total ocean heat
energy [J ·10^25]
ocean spin-up
coupled 10 yr
coupled 10 yr ts
(b)
Antarctic mean temperature
temperature [° C]
(c)
AMOC
overturning [Sv]
(d)
Pacific deep temperature
temperature [° C]
(e)
Antarctic mean salinity
salinity [psu]
(f)
AABW formation
overturning [Sv]
(g)
ice volume above flotation
sea level rise potential [m]
ice spin-up
coupled 10 yr
coupled 10 yr ts
(h)
ice grounded area
area [km^2 · 10^3]
(i)
ice floating area
area [km^2 · 10^3]
(j)
ice grounding line (model vs. observ.)
mean deviation [km]
(k)
ice thickness (model vs. observ.)
RMSE [m]
(l)
ice surface velocity (model vs. observ.)
RMSE [m yr^-1]
10 000
12 500
15 000
17 500
time