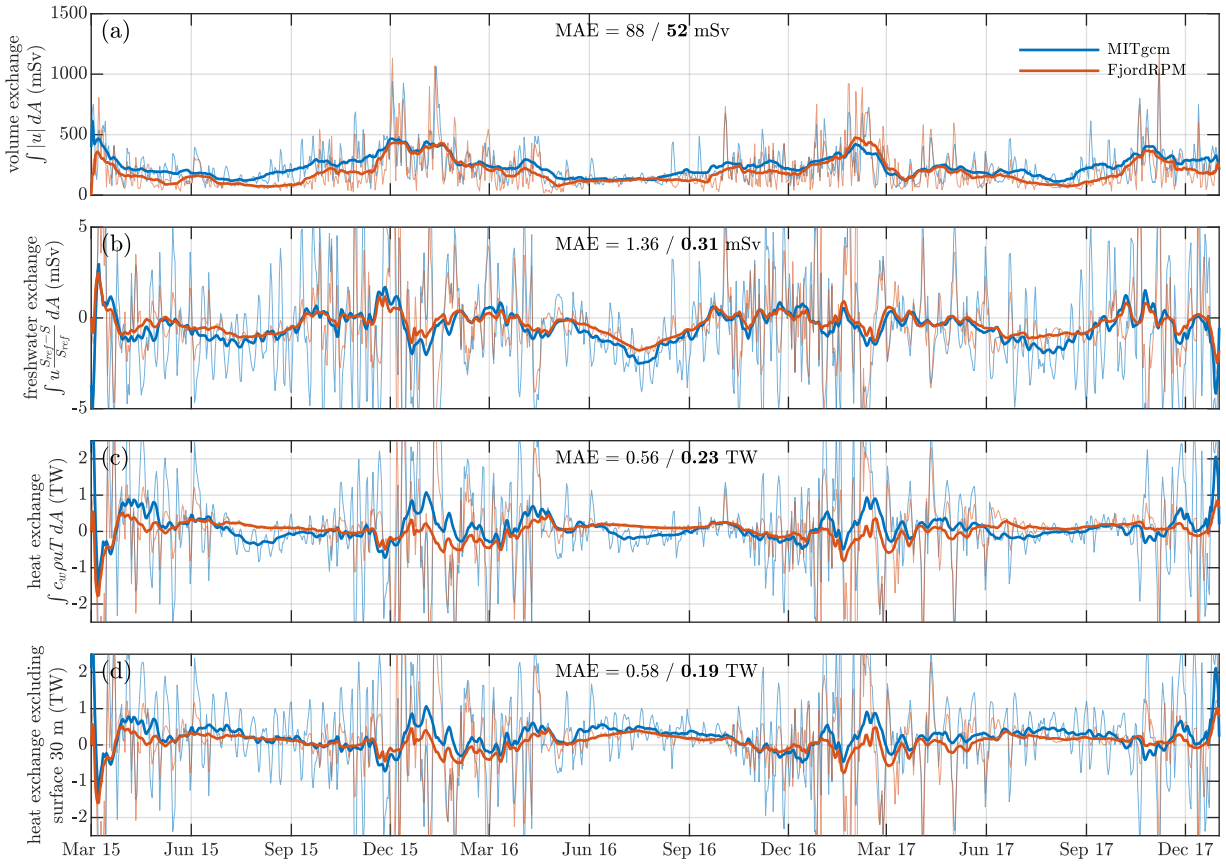
(a)
MAE = 88 / **52** mSv
MITgcm
FjordRPM
volume exchange
$\int |u|\, dA$ (mSv)
1500
1000
500
0
(b)
MAE = 1.36 / **0.31** mSv
freshwater exchange
$\int u \frac{S_{ref} - S}{S_{ref}}\, dA$ (mSv)
5
0
-5
(c)
MAE = 0.56 / **0.23** TW
heat exchange
$\int c_w \rho u T\, dA$ (TW)
2
1
0
-1
-2
(d)
MAE = 0.58 / **0.19** TW
heat exchange excluding surface 30 m (TW)
2
1
0
-1
-2
Mar 15
Jun 15
Sep 15
Dec 15
Mar 16
Jun 16
Sep 16
Dec 16
Mar 17
Jun 17
Sep 17
Dec 17