(a)

Global northward heat transport [PW]

Northward heat transport [PW]

2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0

60° S
30° S
0°
30° N
60° N

HR−PP
HR−KPP
XR−PP
XR−KPP
ER−PP

(b)

Global northward salt transport [10^6 kg s^{-1}]

Northward salt transport [10^6 kg s^{-1}]

4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
−3.5
−4.0

60° S
30° S
0°
30° N
60° N

(c)

Atlantic northward heat transport [PW]

Northward heat transport [PW]

1.5
1.2
0.9
0.6
0.3
0.0
−0.3

60° S
30° S
0°
30° N
60° N

(d)

Atlantic northward salt transport [10^6 kg s^{-1}]

Northward salt transport [10^6 kg s^{-1}]

3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0

60° S
30° S
0°
30° N
60° N