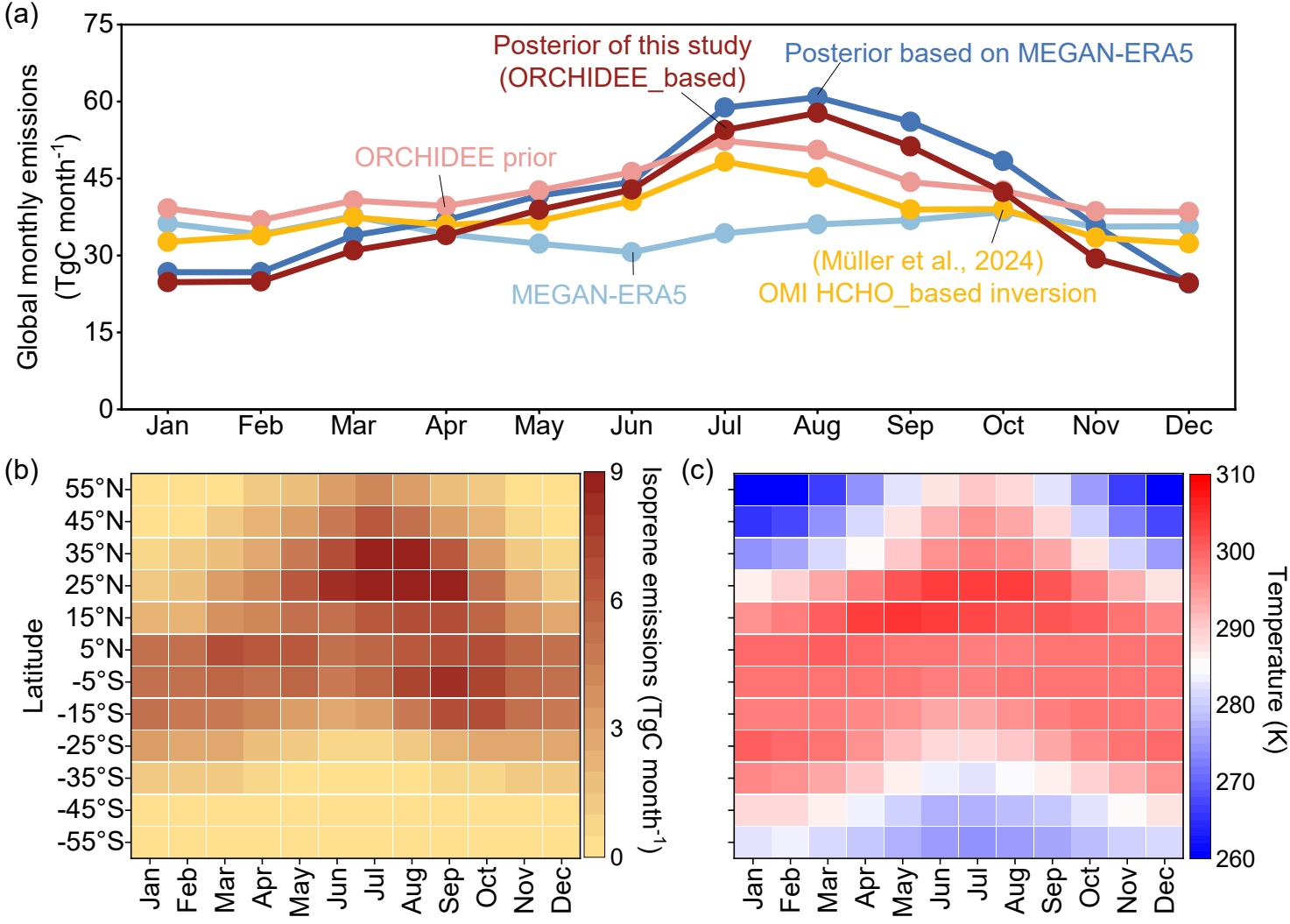
(a)
Global monthly emissions (TgC month-1)
75
60
45
30
15
0
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Posterior of this study (ORCHIDEE_based)
Posterior based on MEGAN-ERA5
ORCHIDEE prior
(Müller et al., 2024) OMI HCHO_based inversion
MEGAN-ERA5
(b)
Latitude
55°N
45°N
35°N
25°N
15°N
5°N
-5°S
-15°S
-25°S
-35°S
-45°S
-55°S
Isoprene emissions (TgC month-1)
9
6
3
0
(c)
Temperature (K)
310
300
290
280
270
260