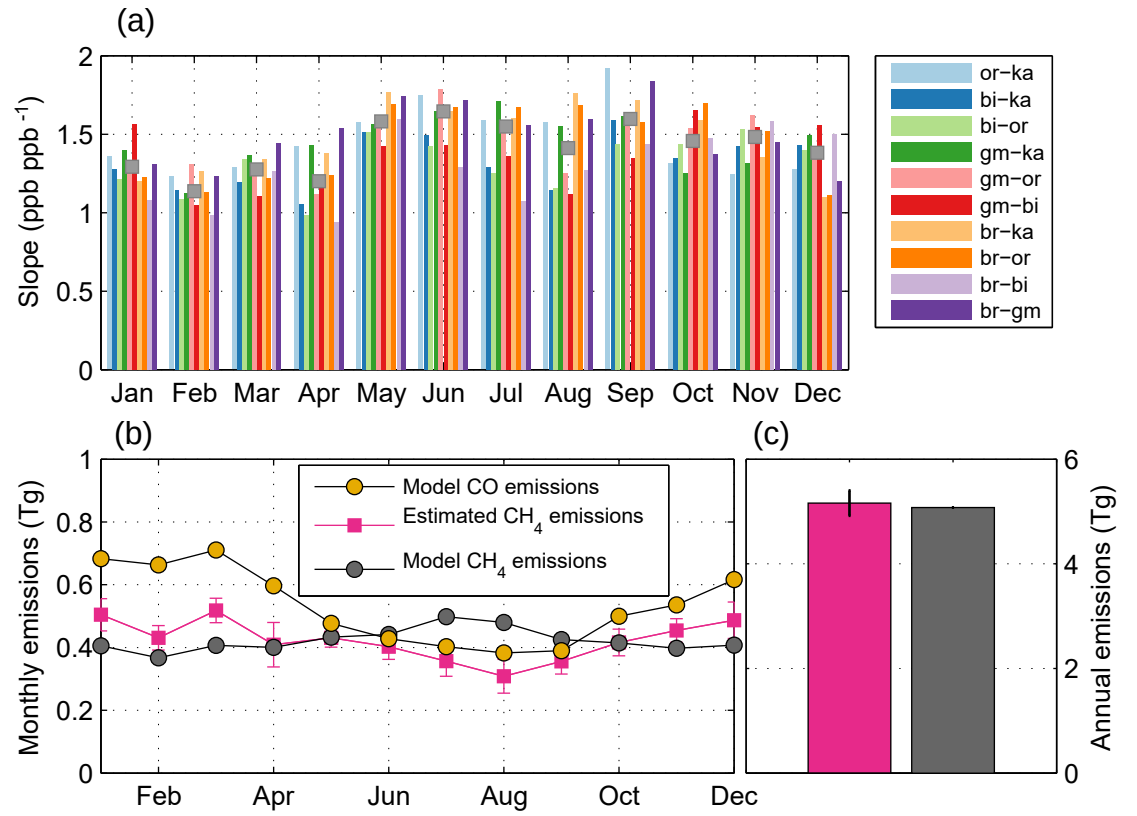
(a)
Slope (ppb ppb -1)
2
1.5
1
0.5
0
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
or−ka
bi−ka
bi−or
gm−ka
gm−or
gm−bi
br−ka
br−or
br−bi
br−gm
(b)
Monthly emissions (Tg)
1
0.8
0.6
0.4
0.2
0
Feb
Apr
Jun
Aug
Oct
Dec
Model CO emissions
Estimated CH4 emissions
Model CH4 emissions
(c)
Annual emissions (Tg)
6
4
2
0