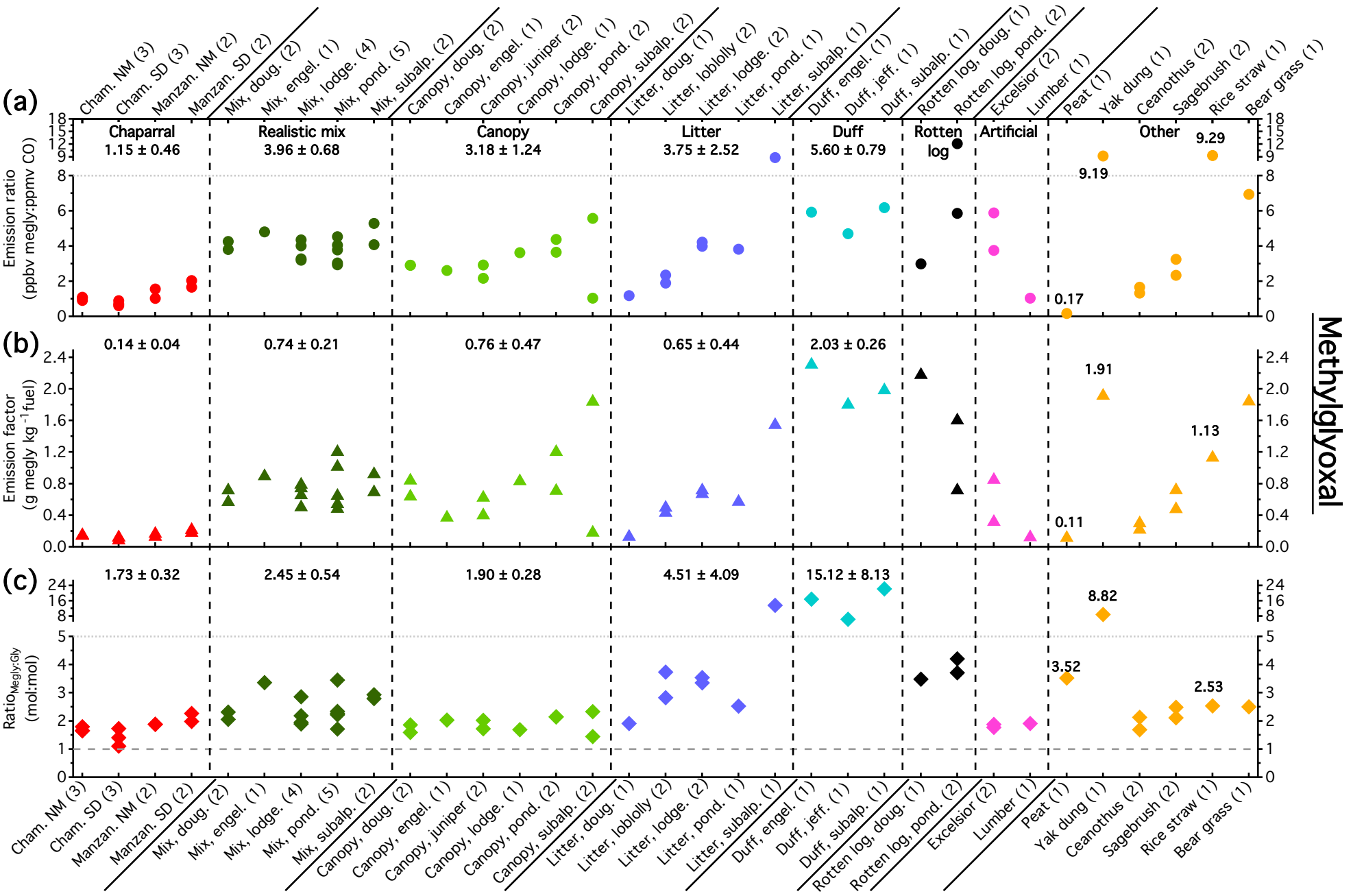
Methylglyoxal
(a)
Chaparral
1.15 ± 0.46
Realistic mix
3.96 ± 0.68
Canopy
3.18 ± 1.24
Litter
3.75 ± 2.52
Duff
5.60 ± 0.79
Rotten log
Artificial
Other
9.29
9.19
0.17
Emission ratio
(ppbv megly:ppmv CO)
(b)
0.14 ± 0.04
0.74 ± 0.21
0.76 ± 0.47
0.65 ± 0.44
2.03 ± 0.26
1.91
1.13
0.11
Emission factor
(g megly kg -1 fuel)
(c)
1.73 ± 0.32
2.45 ± 0.54
1.90 ± 0.28
4.51 ± 4.09
15.12 ± 8.13
8.82
3.52
2.53
Ratio Megly:Gly
(mol:mol)
Cham. NM (3)
Cham. SD (3)
Manzan. NM (2)
Manzan. SD (2)
Mix, doug. (2)
Mix, engel. (1)
Mix, lodge. (4)
Mix, pond. (5)
Mix, subalp. (2)
Canopy, doug. (2)
Canopy, engel. (1)
Canopy, juniper (2)
Canopy, lodge. (1)
Canopy, pond. (2)
Canopy, subalp. (2)
Litter, doug. (1)
Litter, loblolly (2)
Litter, lodge. (2)
Litter, pond. (1)
Litter, subalp. (1)
Duff, engel. (1)
Duff, jeff. (1)
Duff, subalp. (1)
Rotten log, doug. (1)
Rotten log, pond. (2)
Excelsior (2)
Lumber (1)
Peat (1)
Yak dung (1)
Ceanothus (2)
Sagebrush (2)
Rice straw (1)
Bear grass (1)