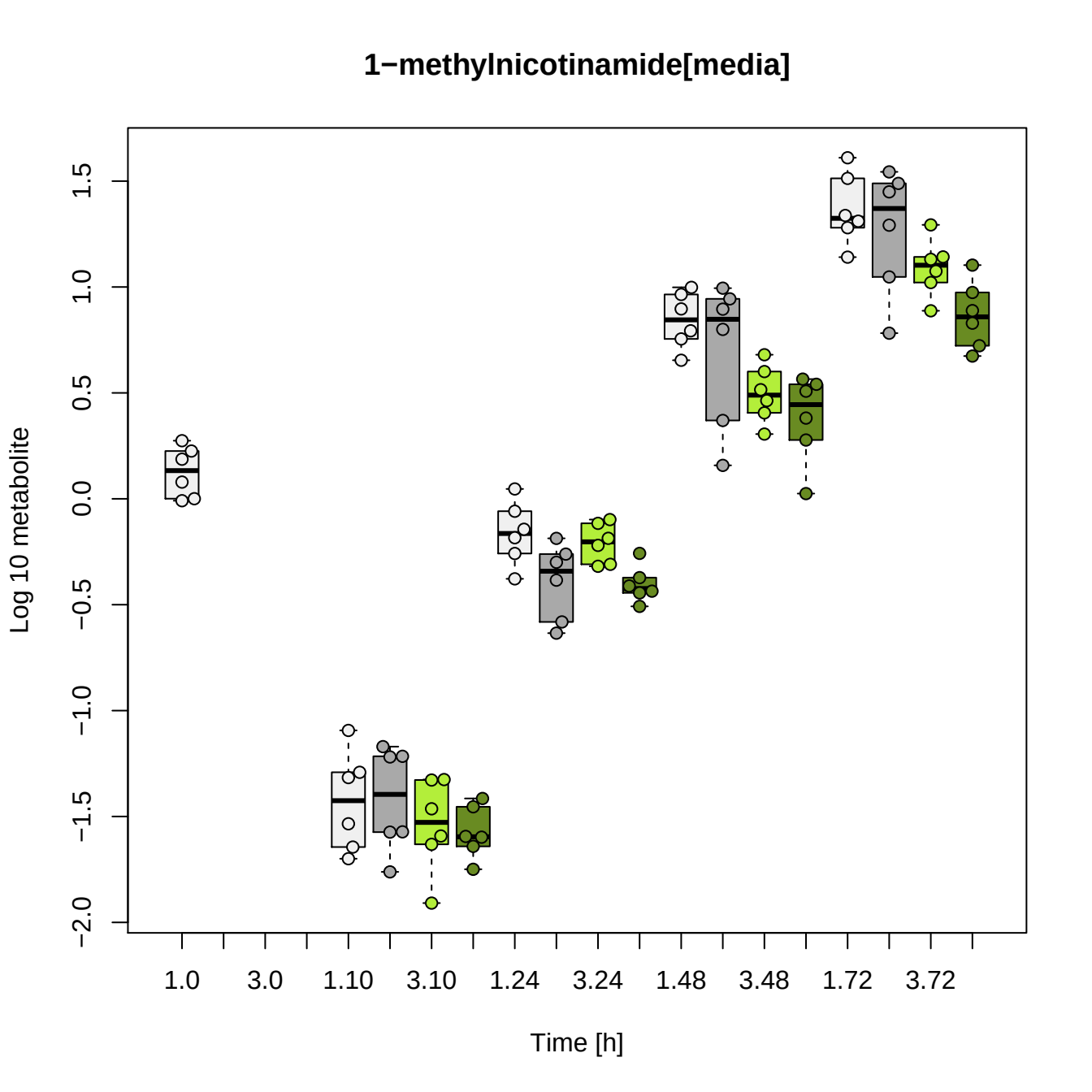
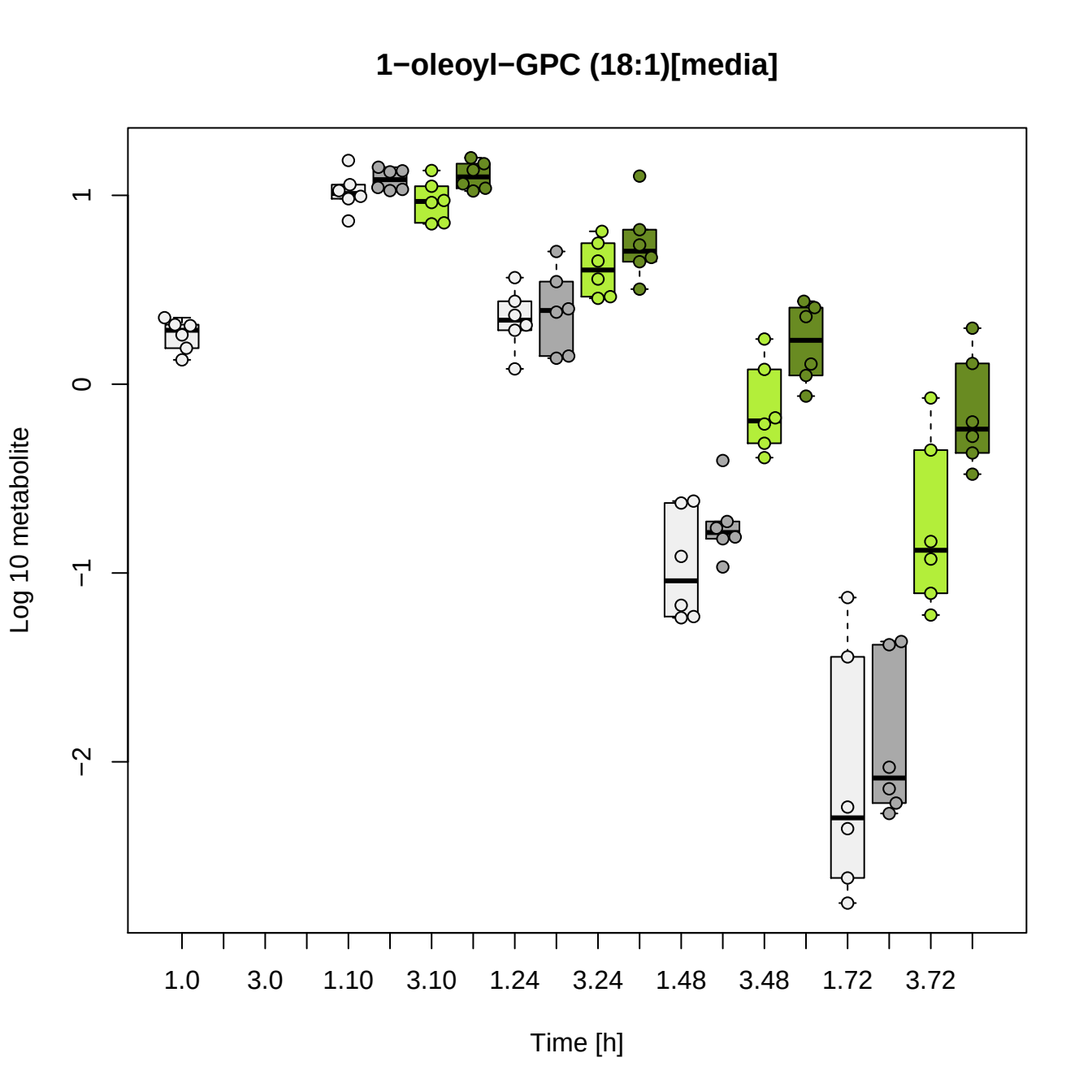
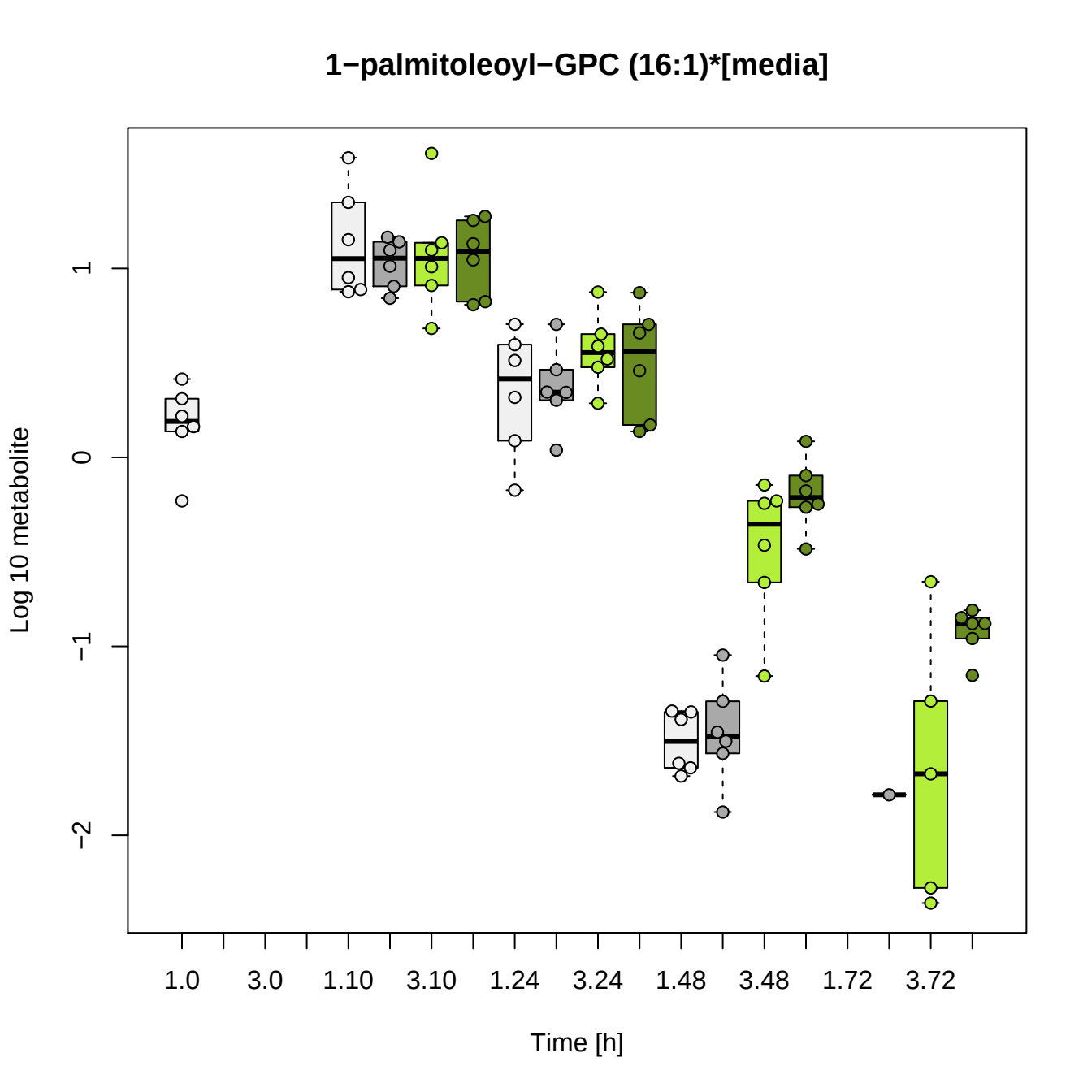
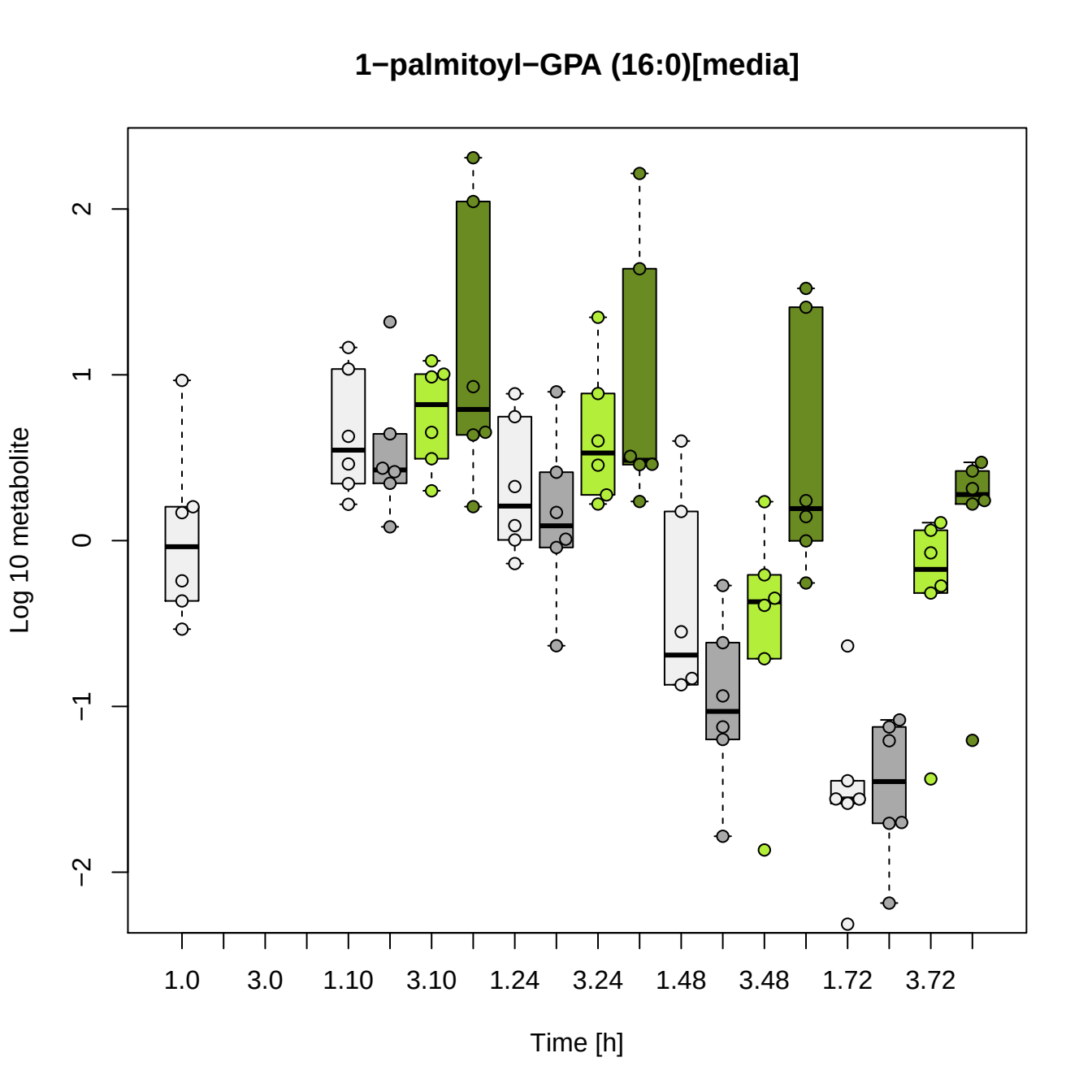
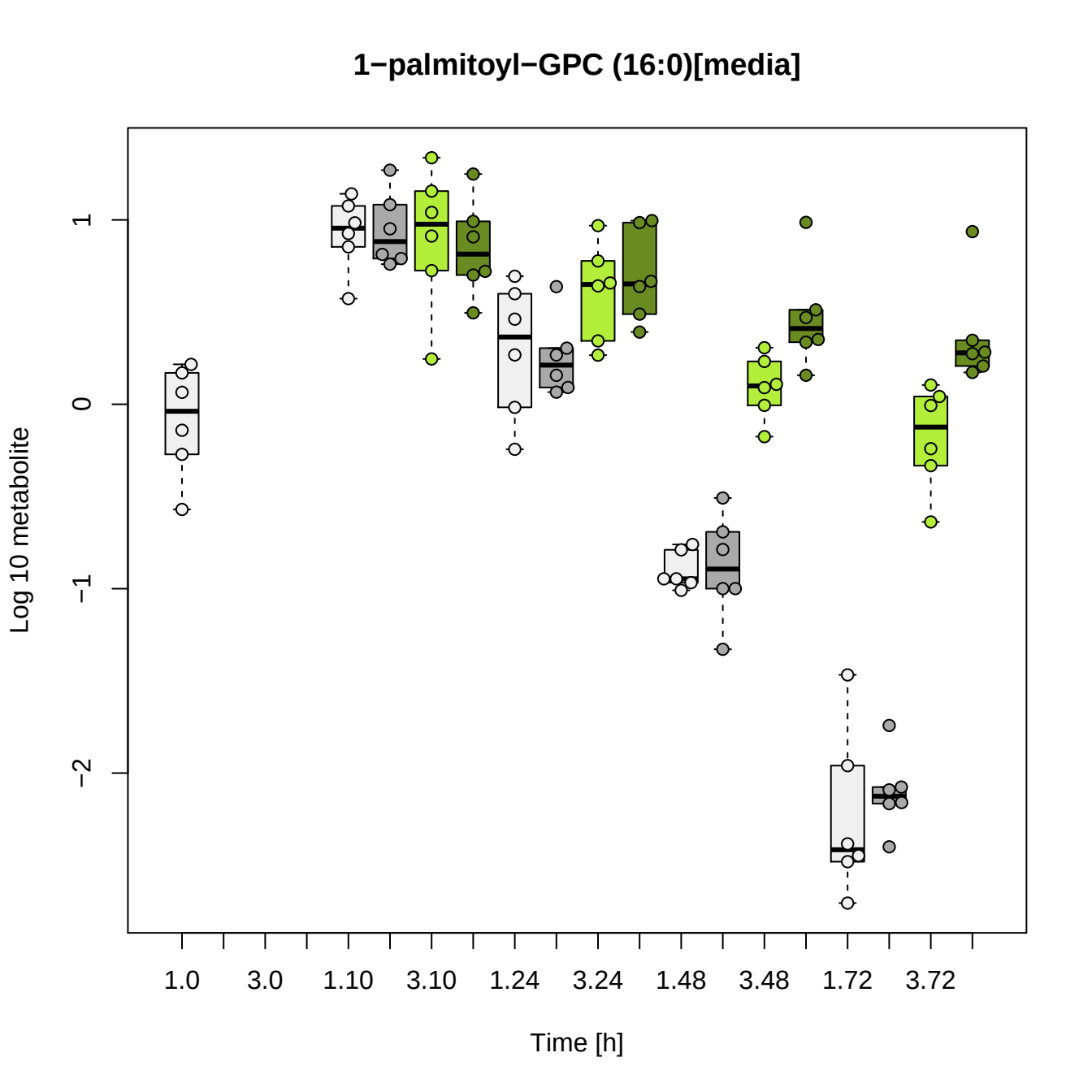
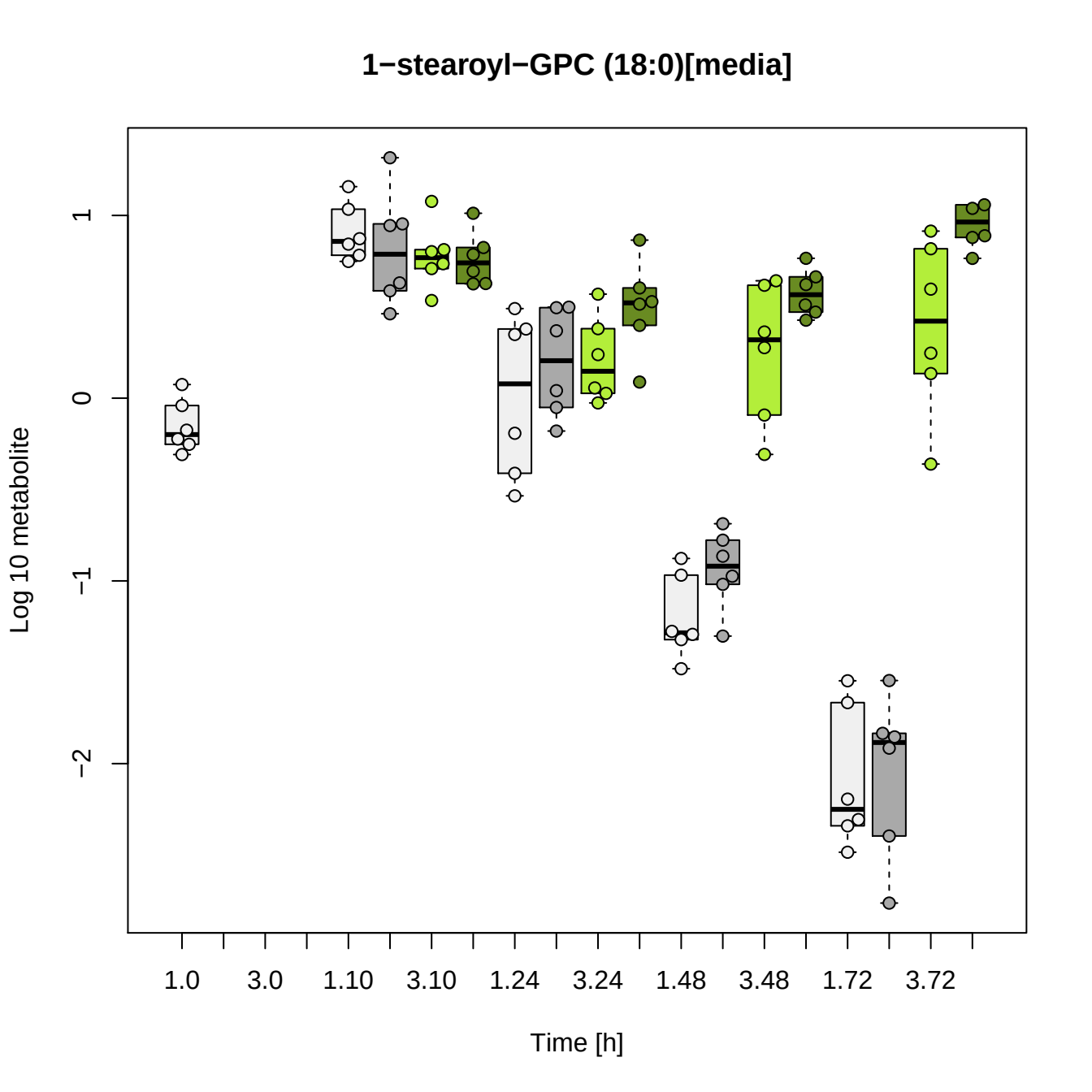

1−methylnicotinamide[media]
Log 10 metabolite
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

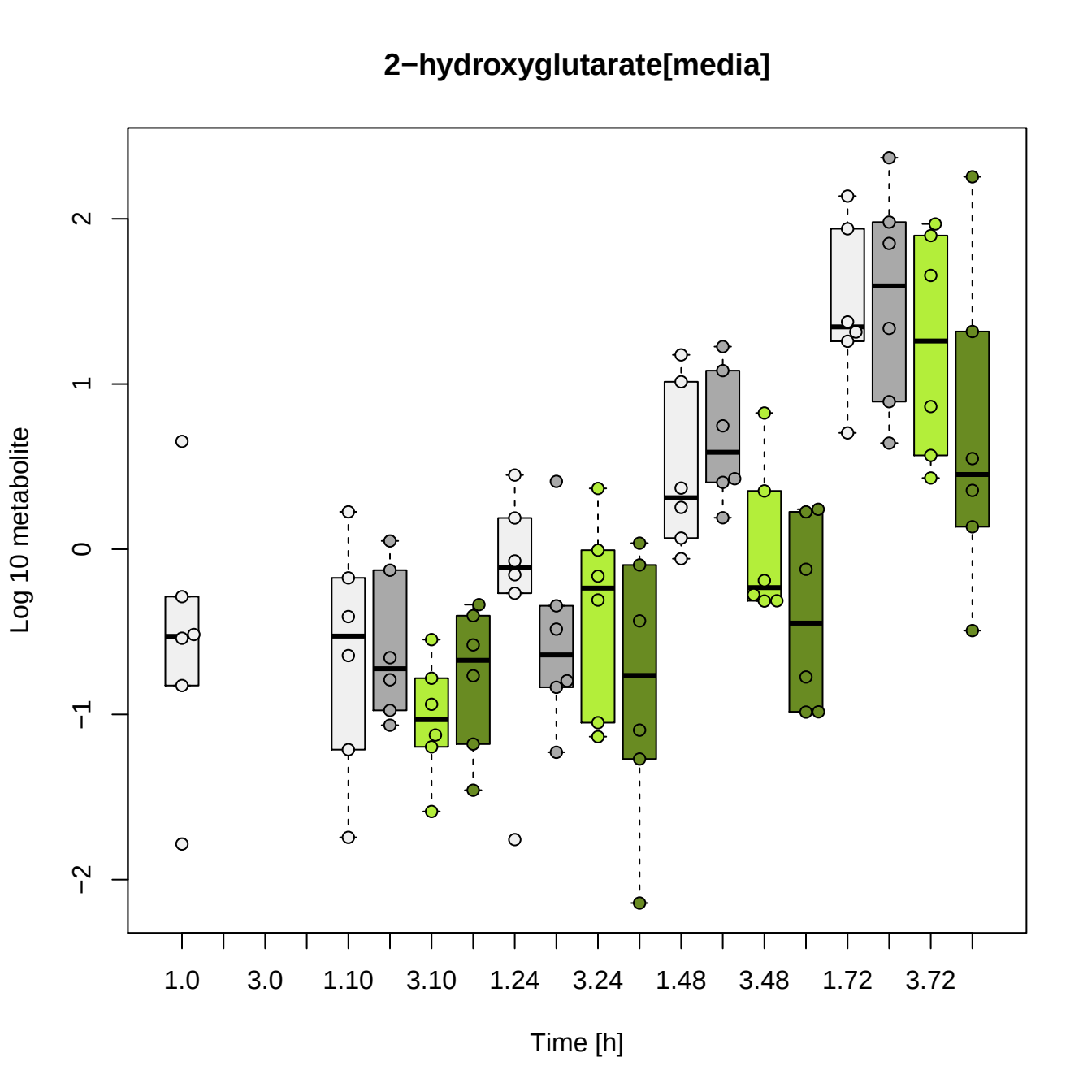

1−oleoyl−GPC (18:1)[media]
Log 10 metabolite
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

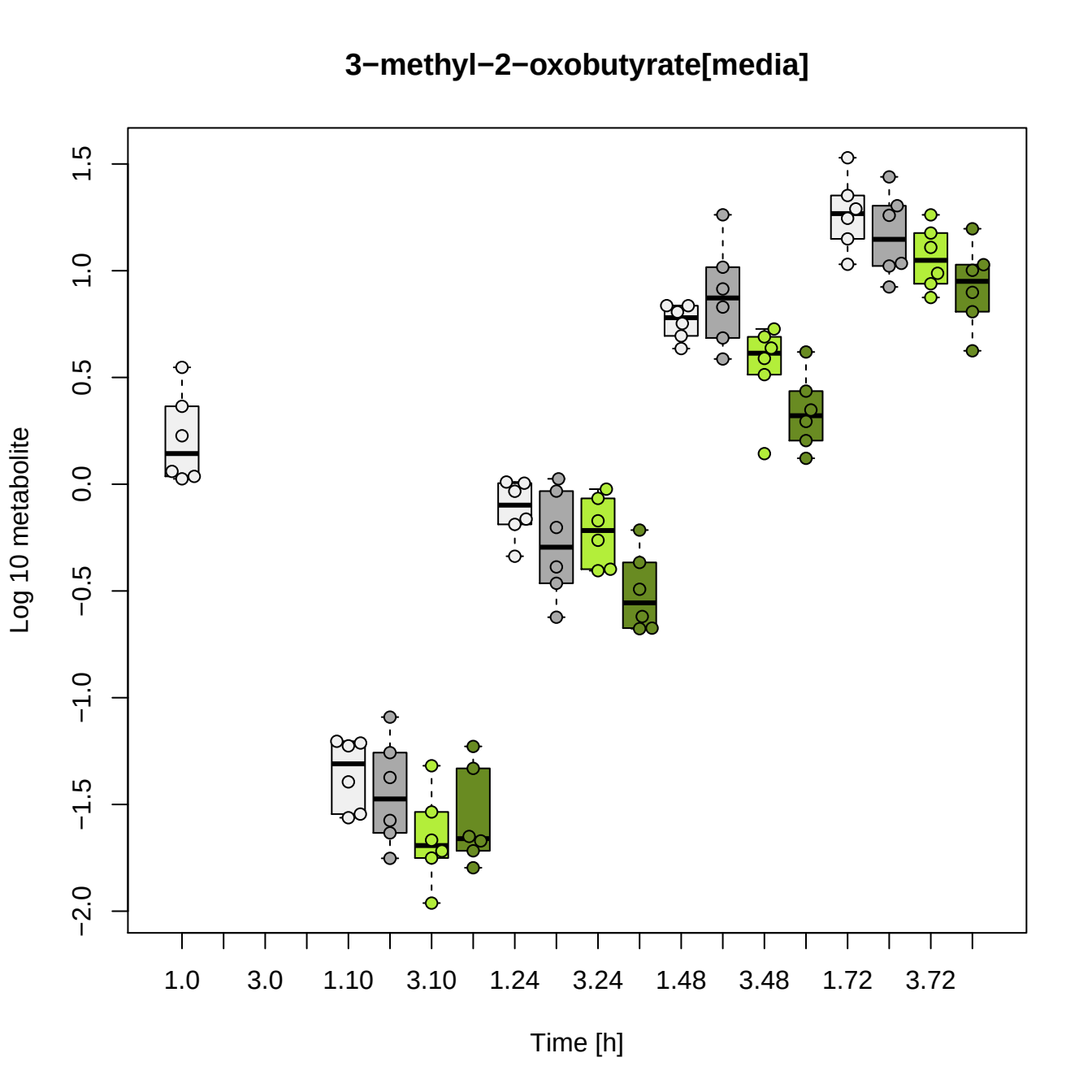

1−palmitoleoyl−GPC (16:1)*[media]
Log 10 metabolite
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

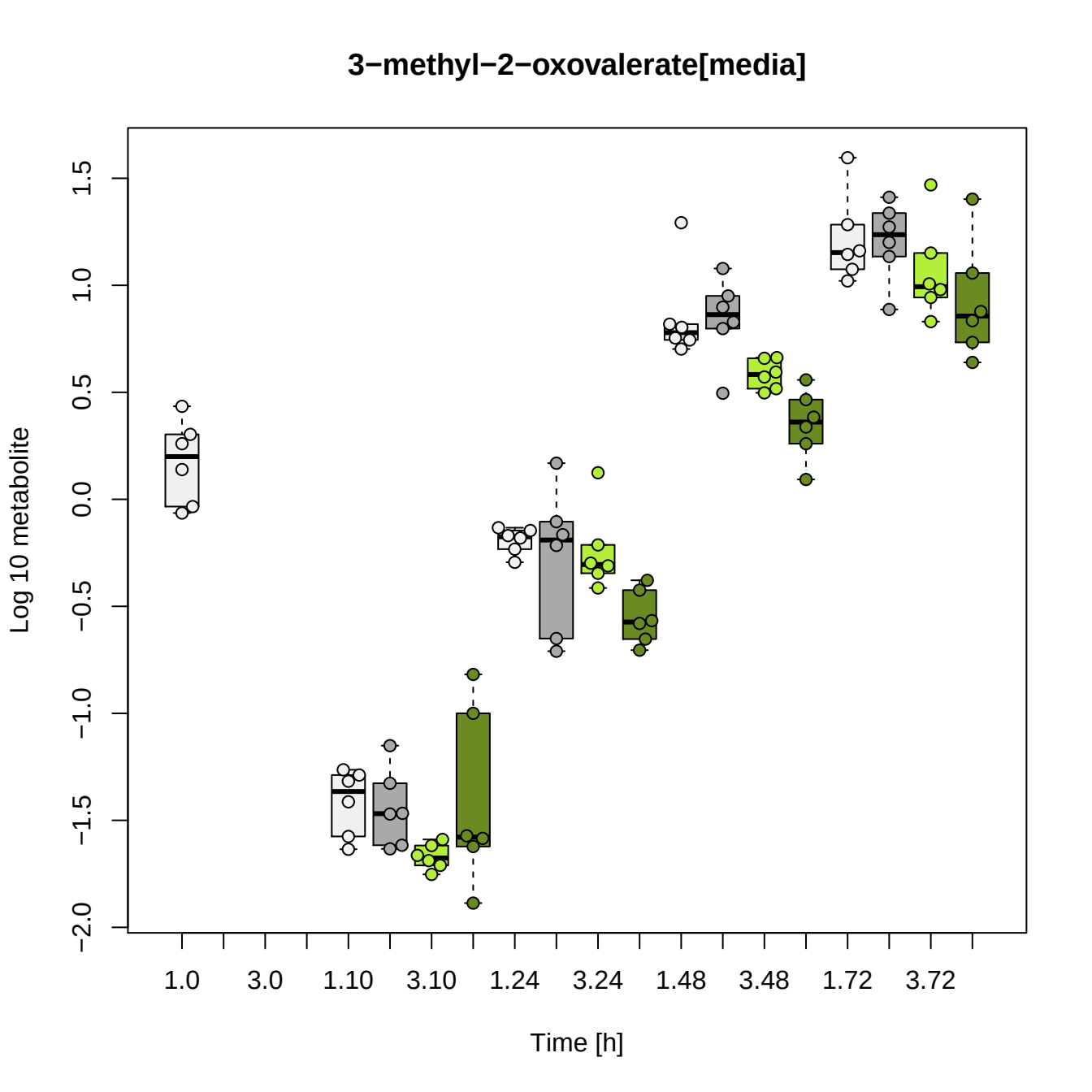

1−palmitoyl−GPA (16:0)[media]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

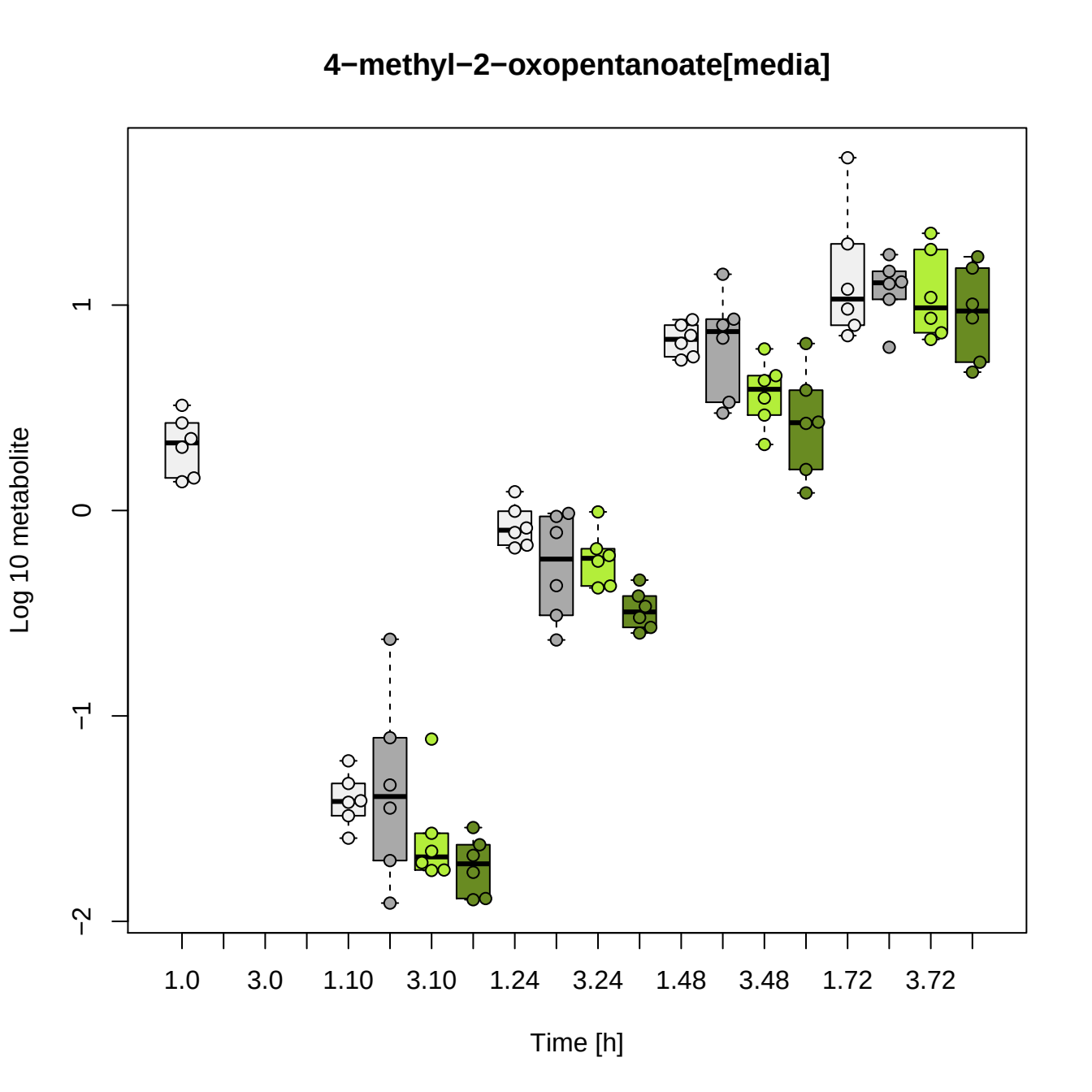

1−palmitoyl−GPC (16:0)[media]
Log 10 metabolite
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

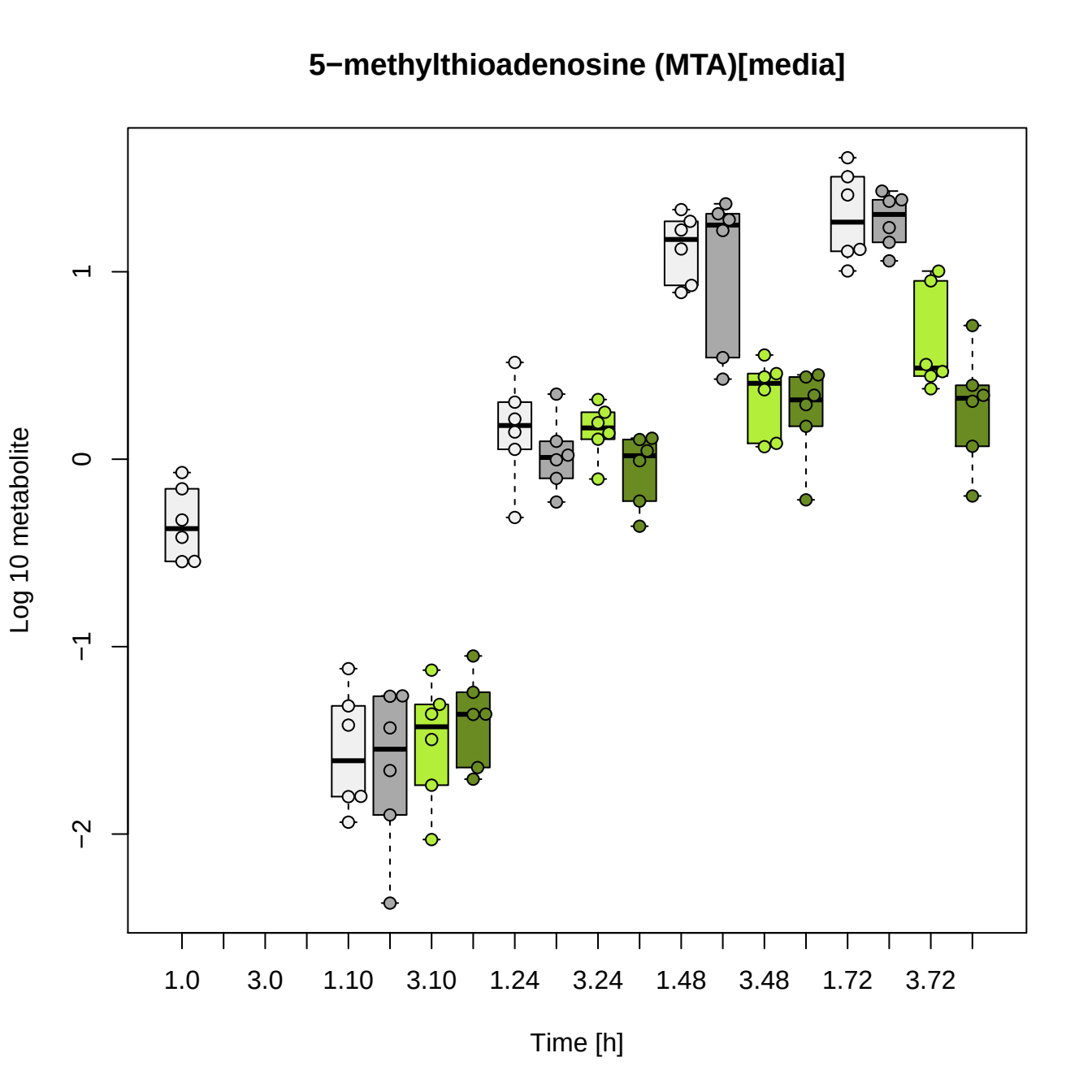

1−stearoyl−GPC (18:0)[media]
Log 10 metabolite
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

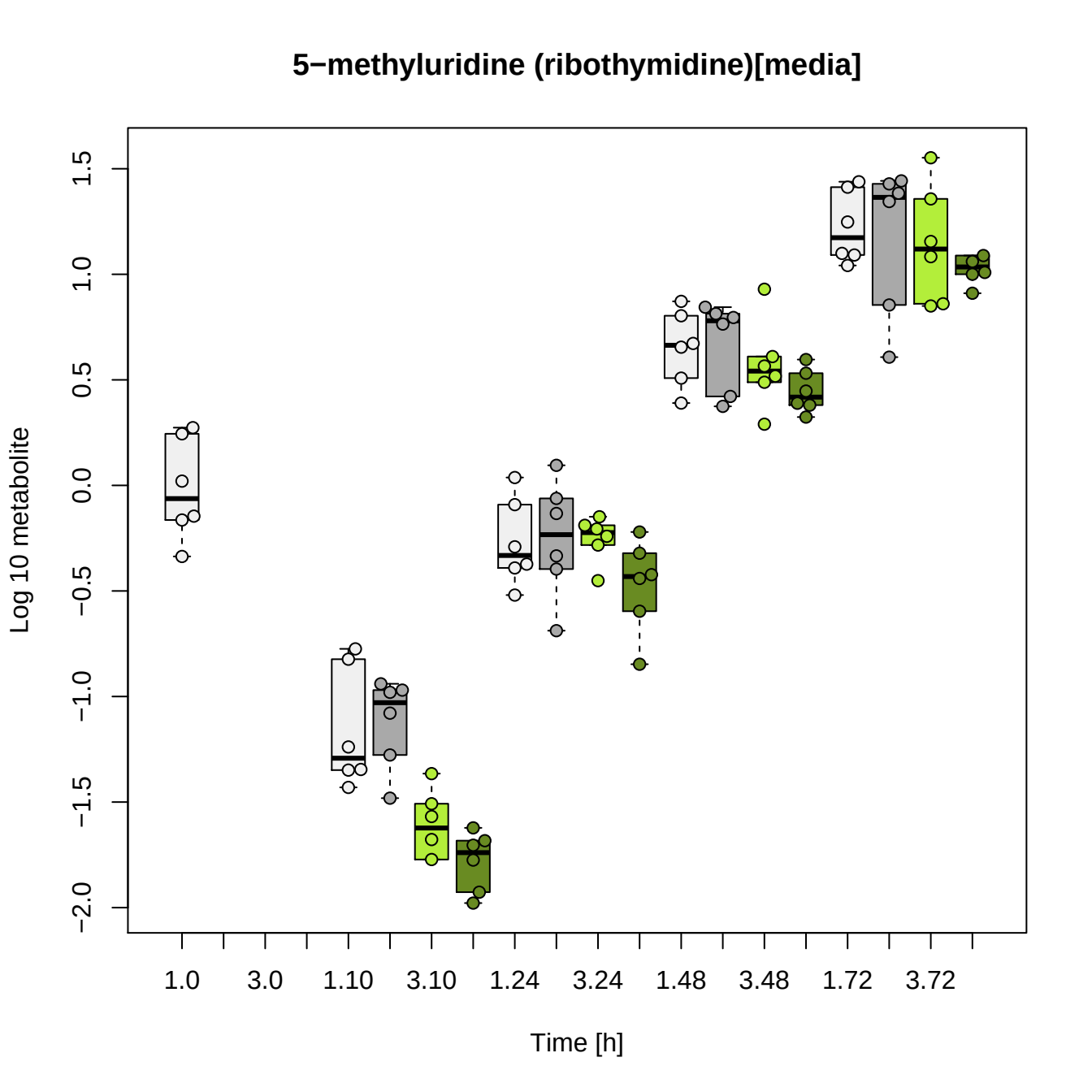

2−hydroxyglutarate[media]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

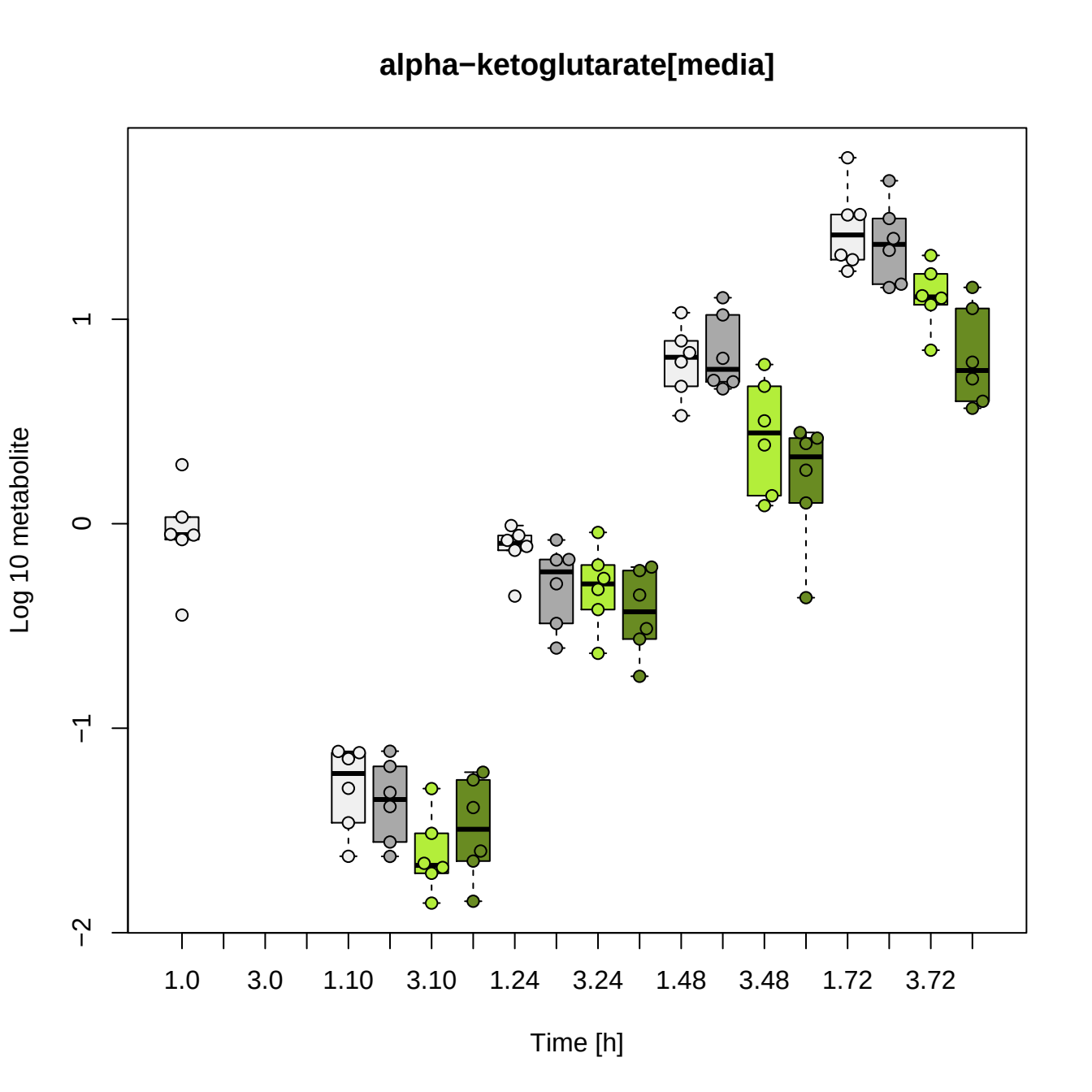

3−methyl−2−oxobutyrate[media]
Log 10 metabolite
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

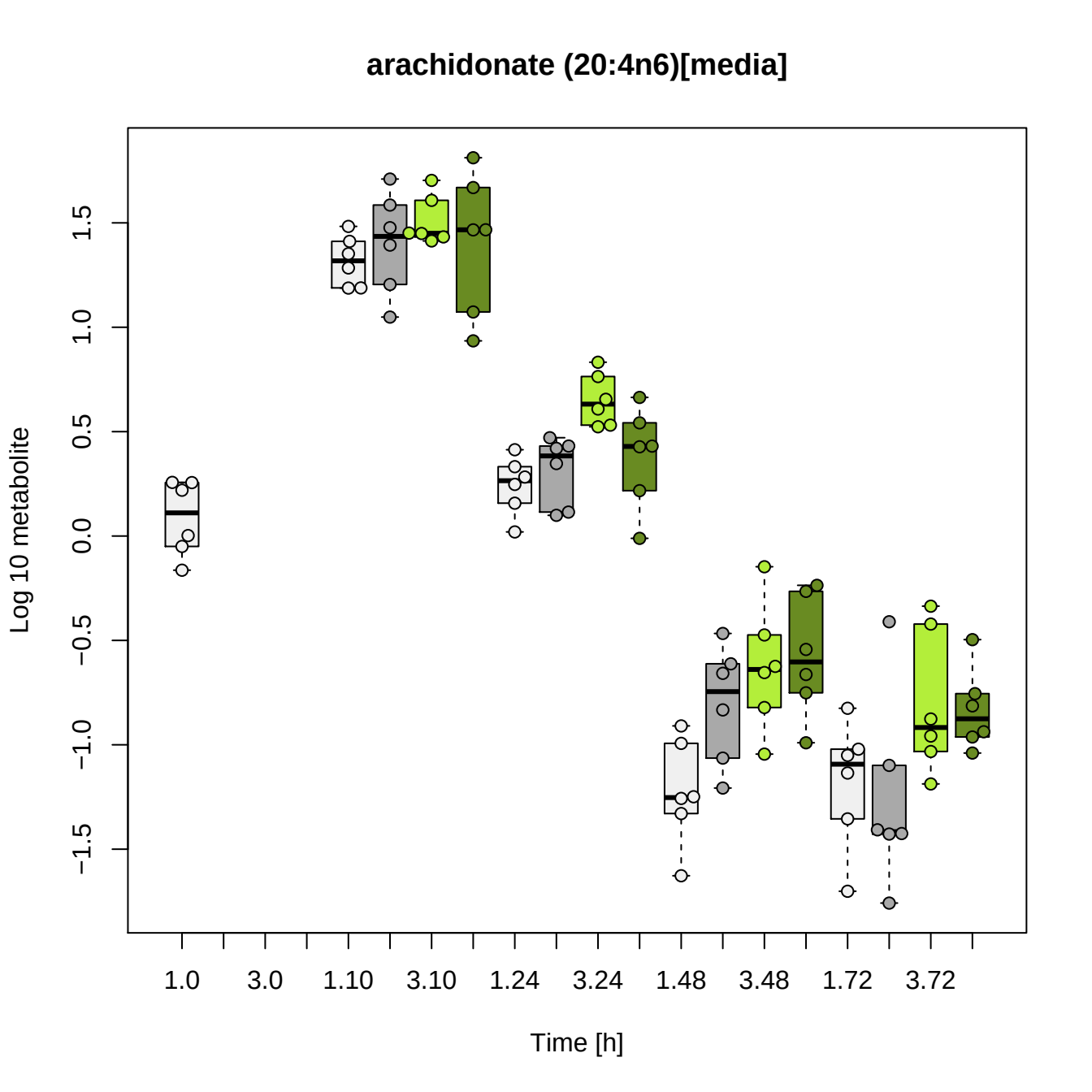

3−methyl−2−oxovalerate[media]
Log 10 metabolite
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

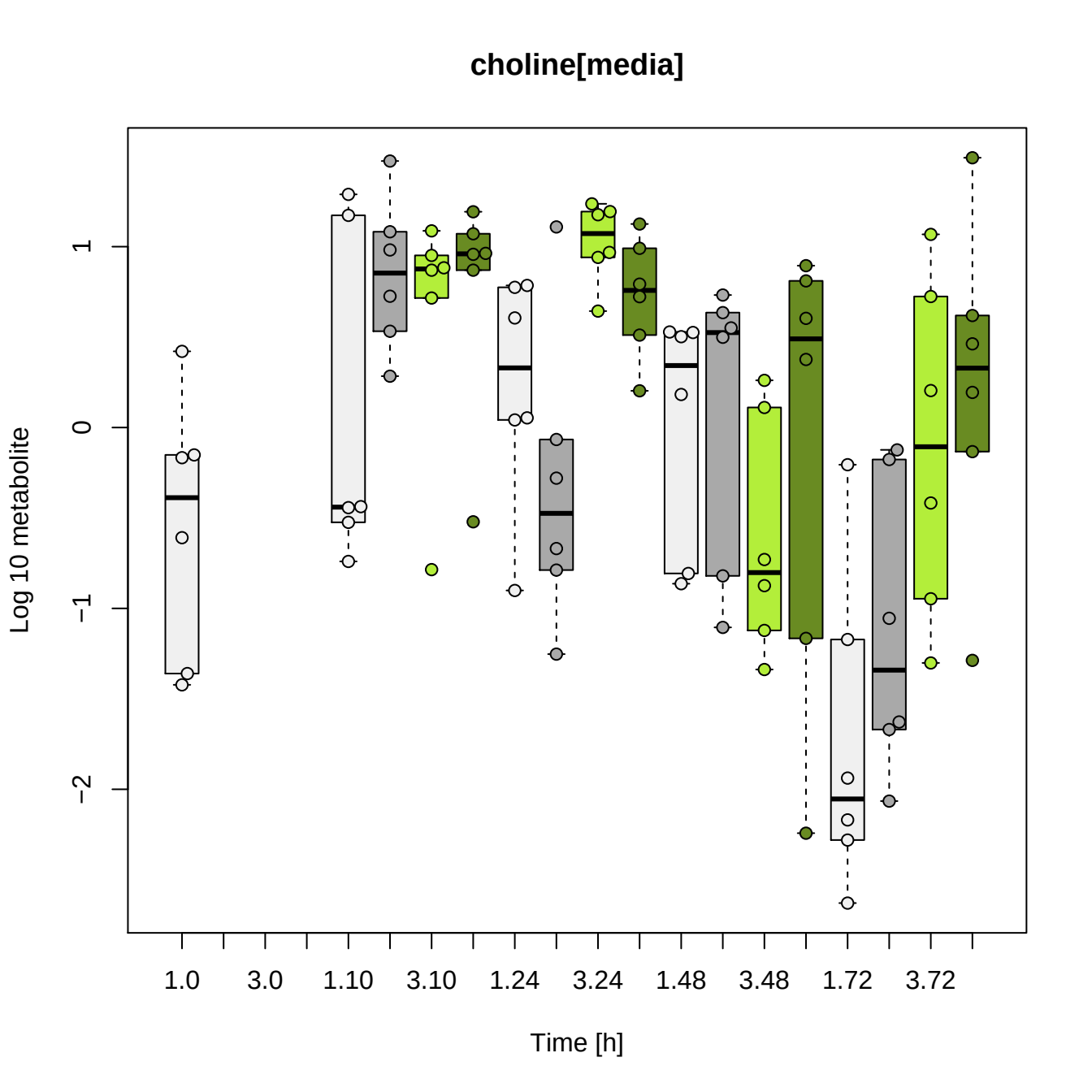

4−methyl−2−oxopentanoate[media]
Log 10 metabolite
−2
−1
0
1
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

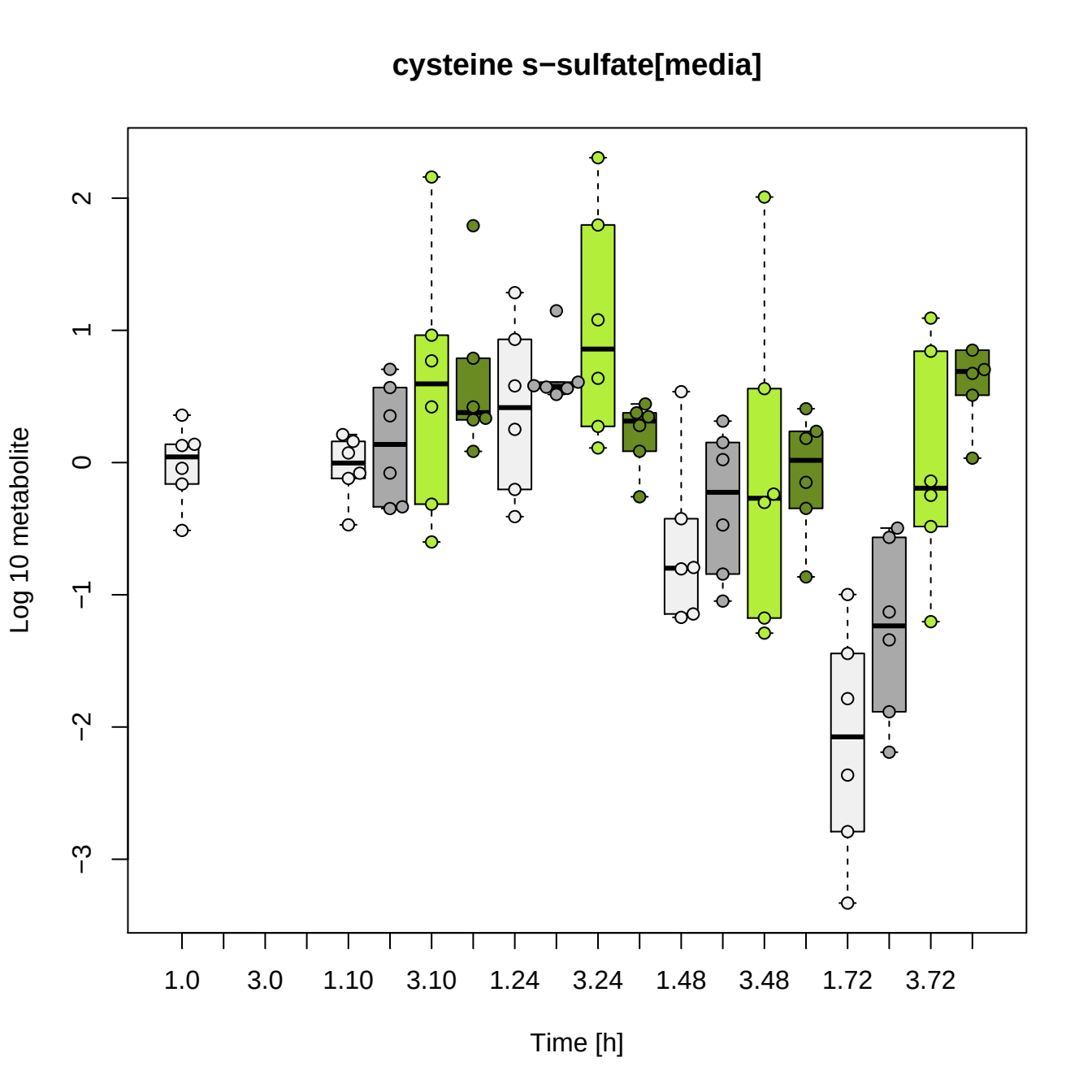

5−methylthioadenosine (MTA)[media]
Log 10 metabolite
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

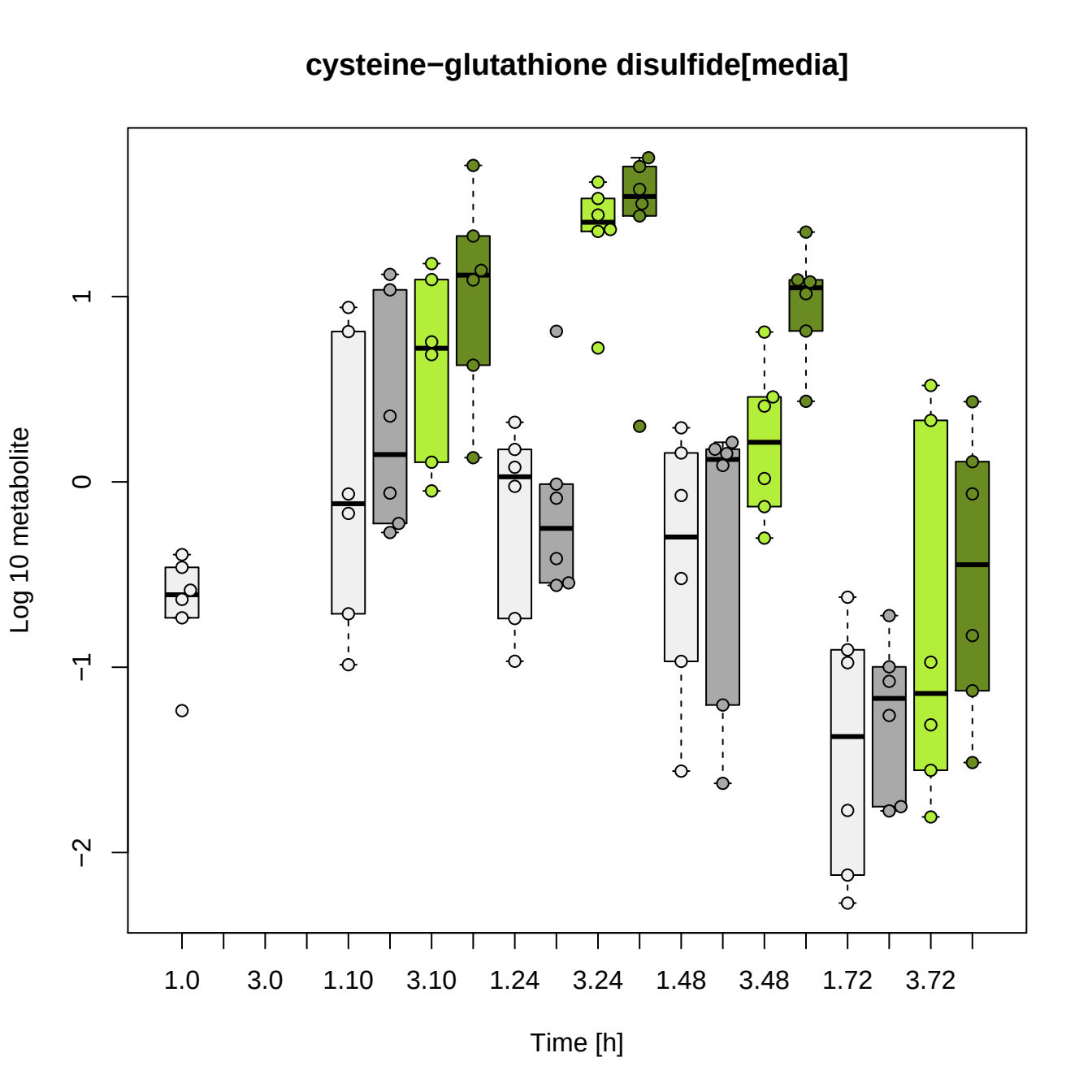

5−methyluridine (ribothymidine)[media]
Log 10 metabolite
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

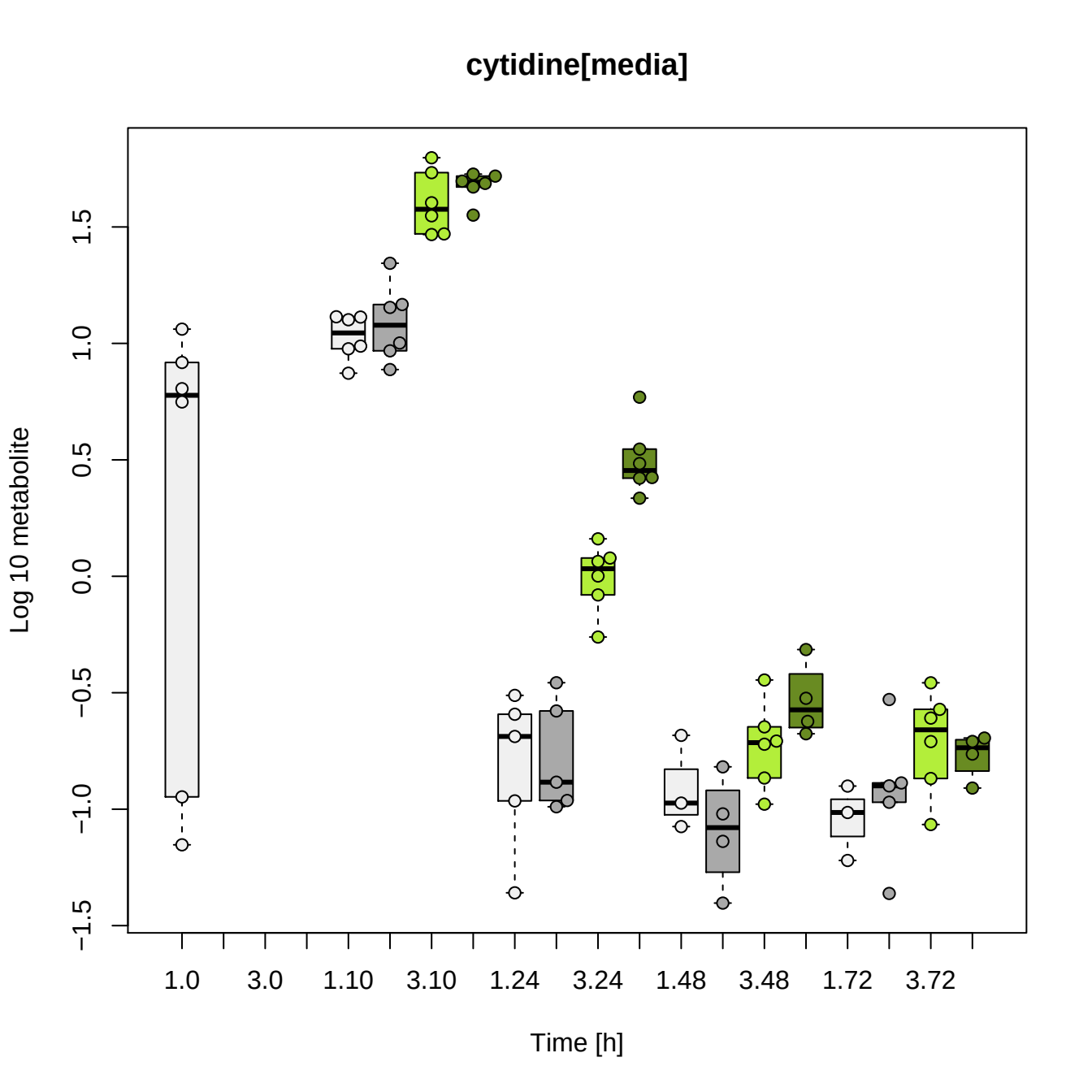

alpha−ketoglutarate[media]
Log 10 metabolite
−2
−1
0
1
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

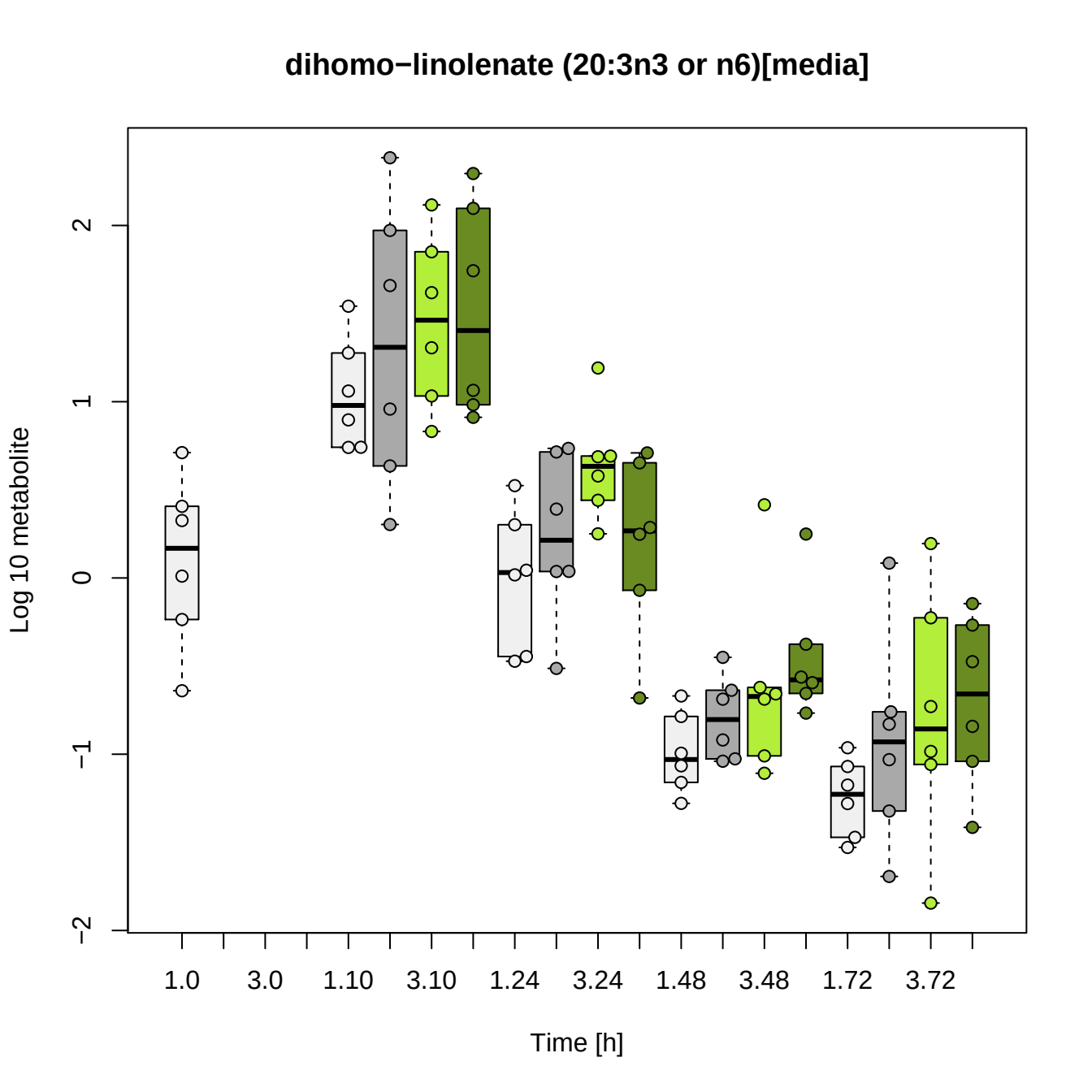

arachidonate (20:4n6)[media]
Log 10 metabolite
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

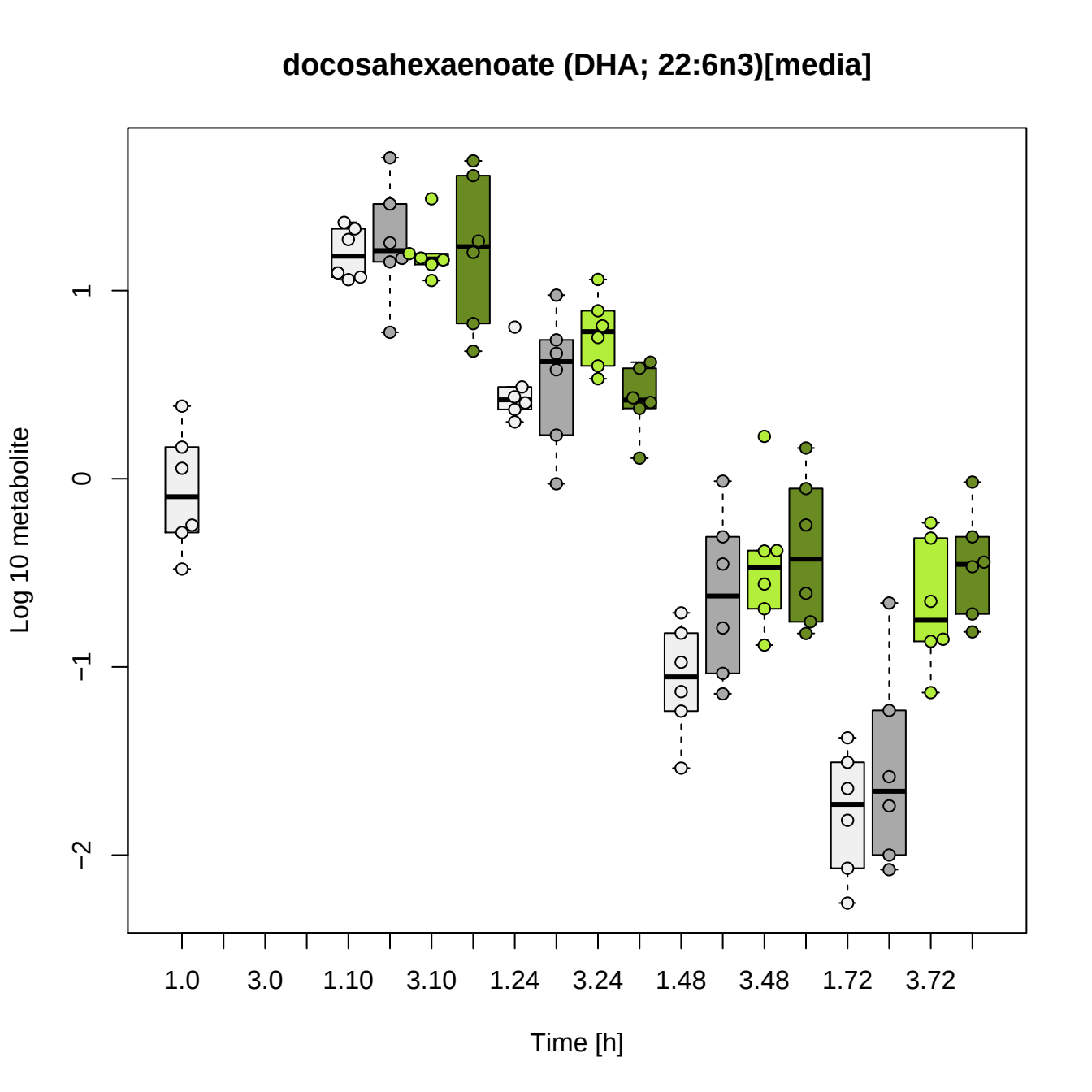

choline[media]
Log 10 metabolite
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

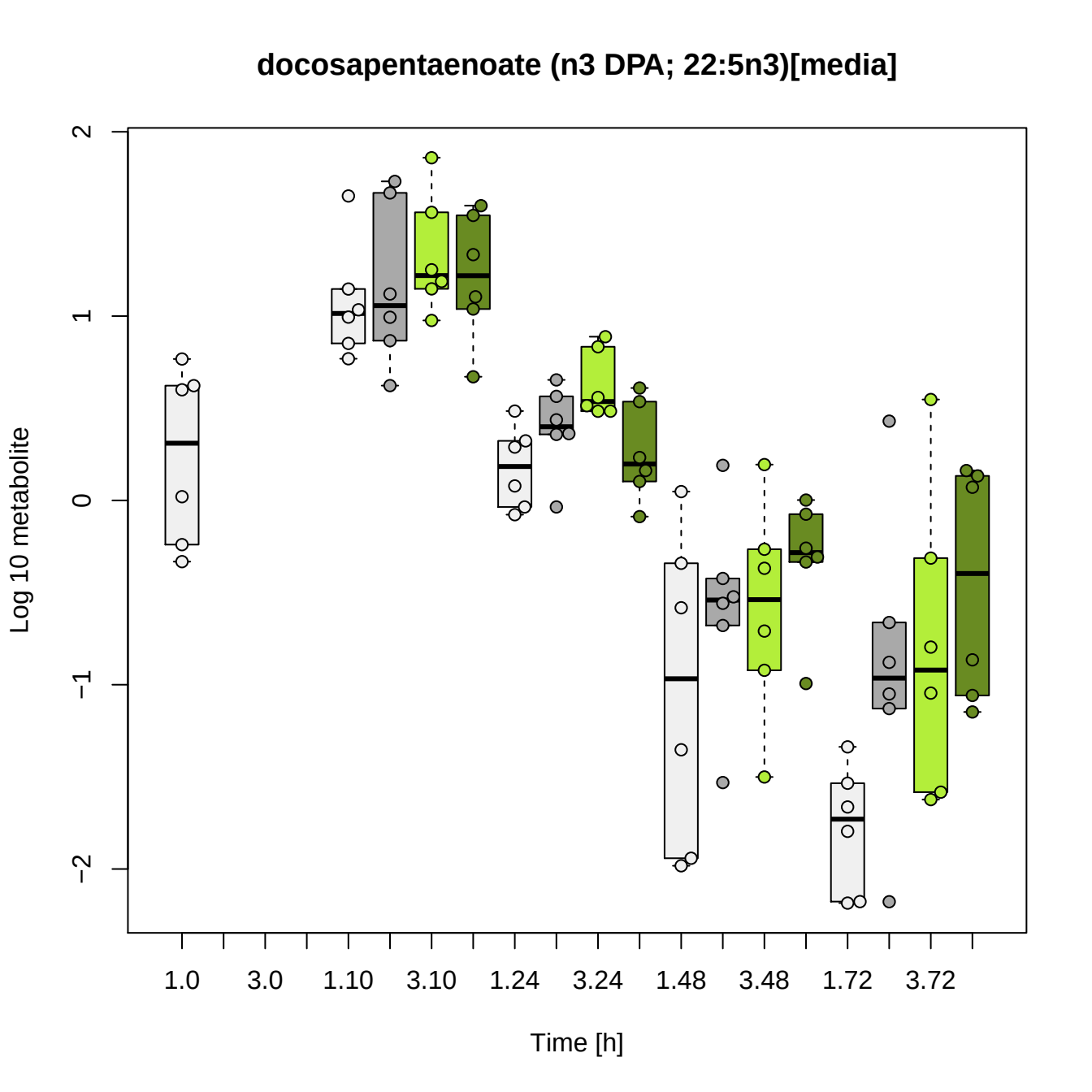

cysteine s−sulfate[media]
Log 10 metabolite
2
1
0
−1
−2
−3
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

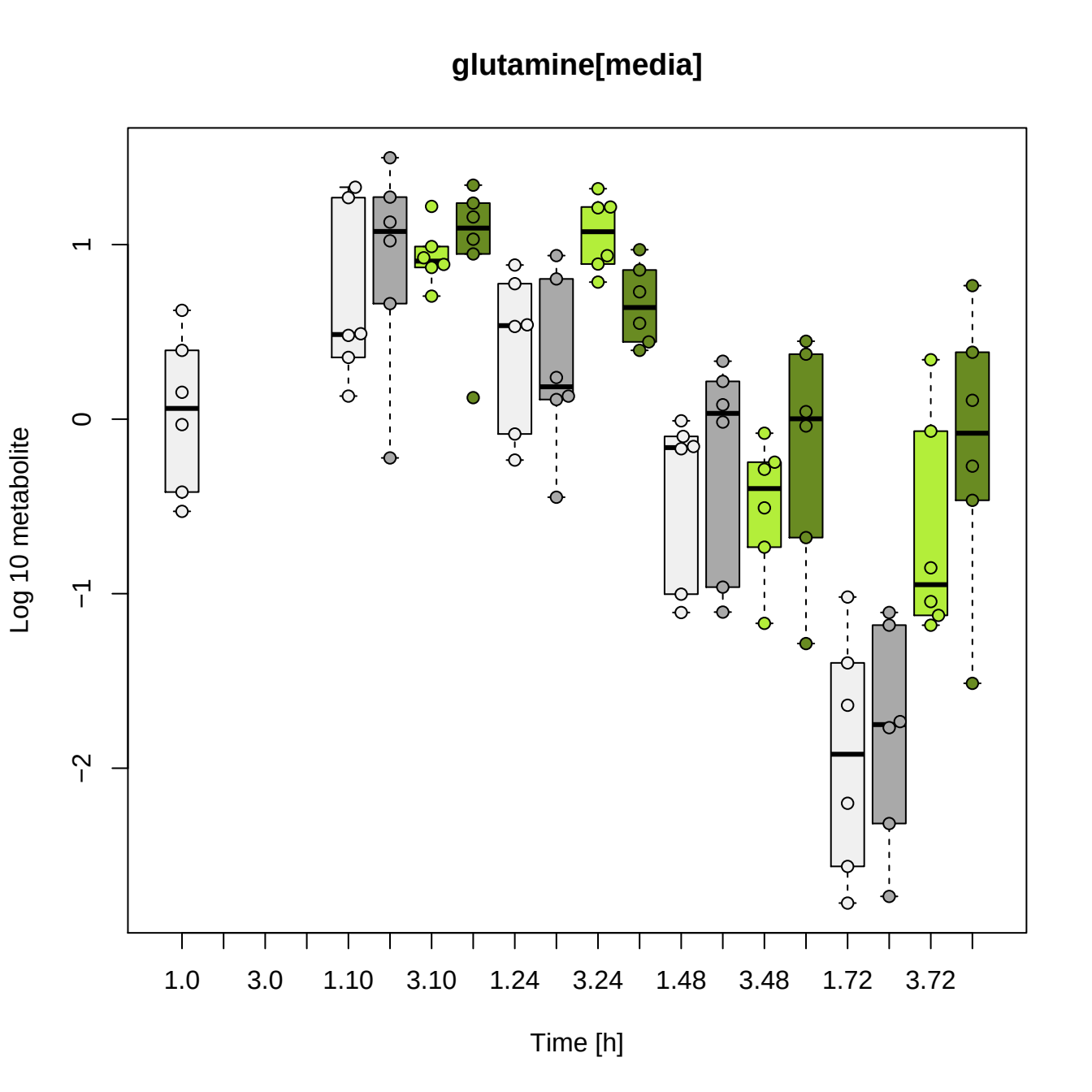

cysteine−glutathione disulfide[media]
Log 10 metabolite
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

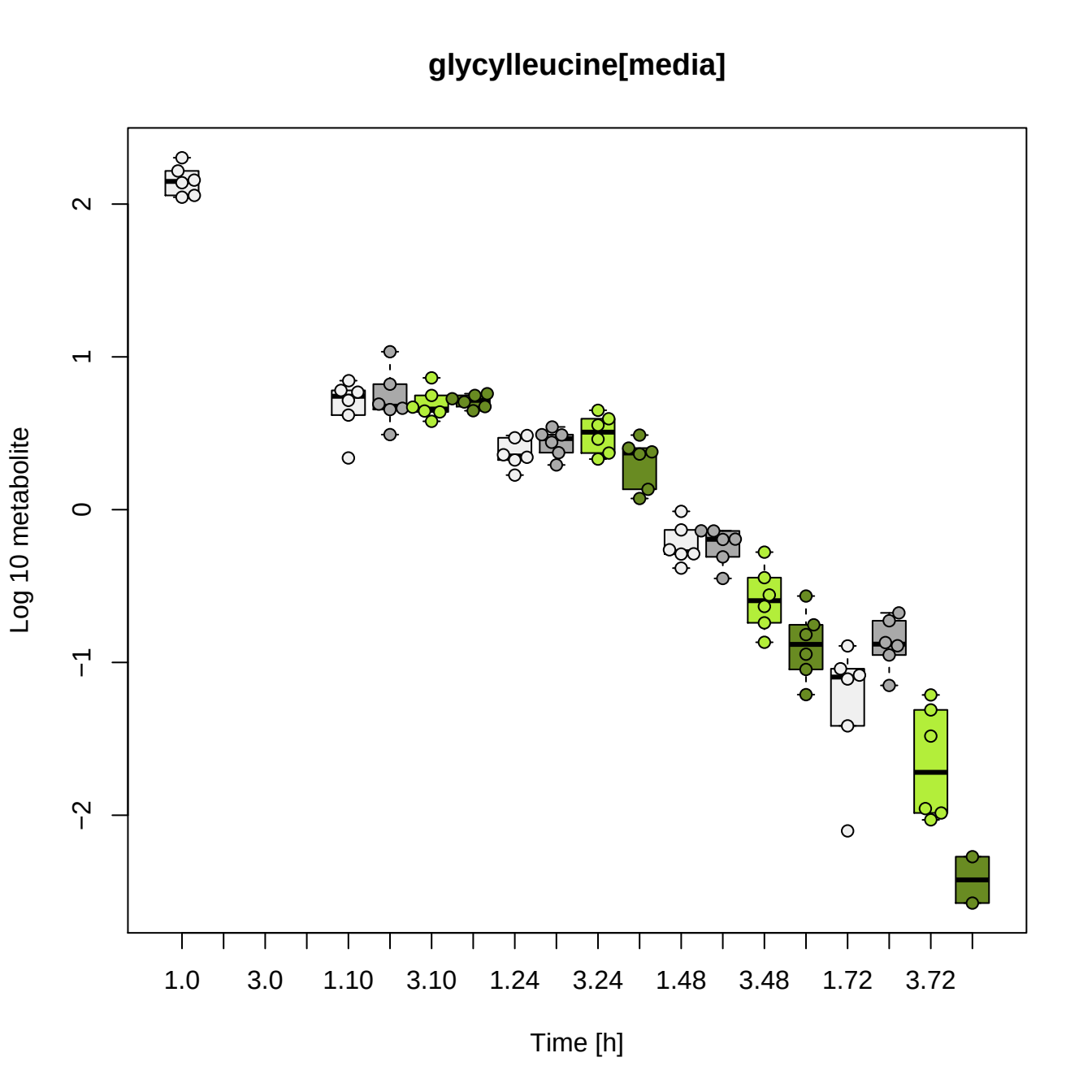

cytidine[media]
Log 10 metabolite
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

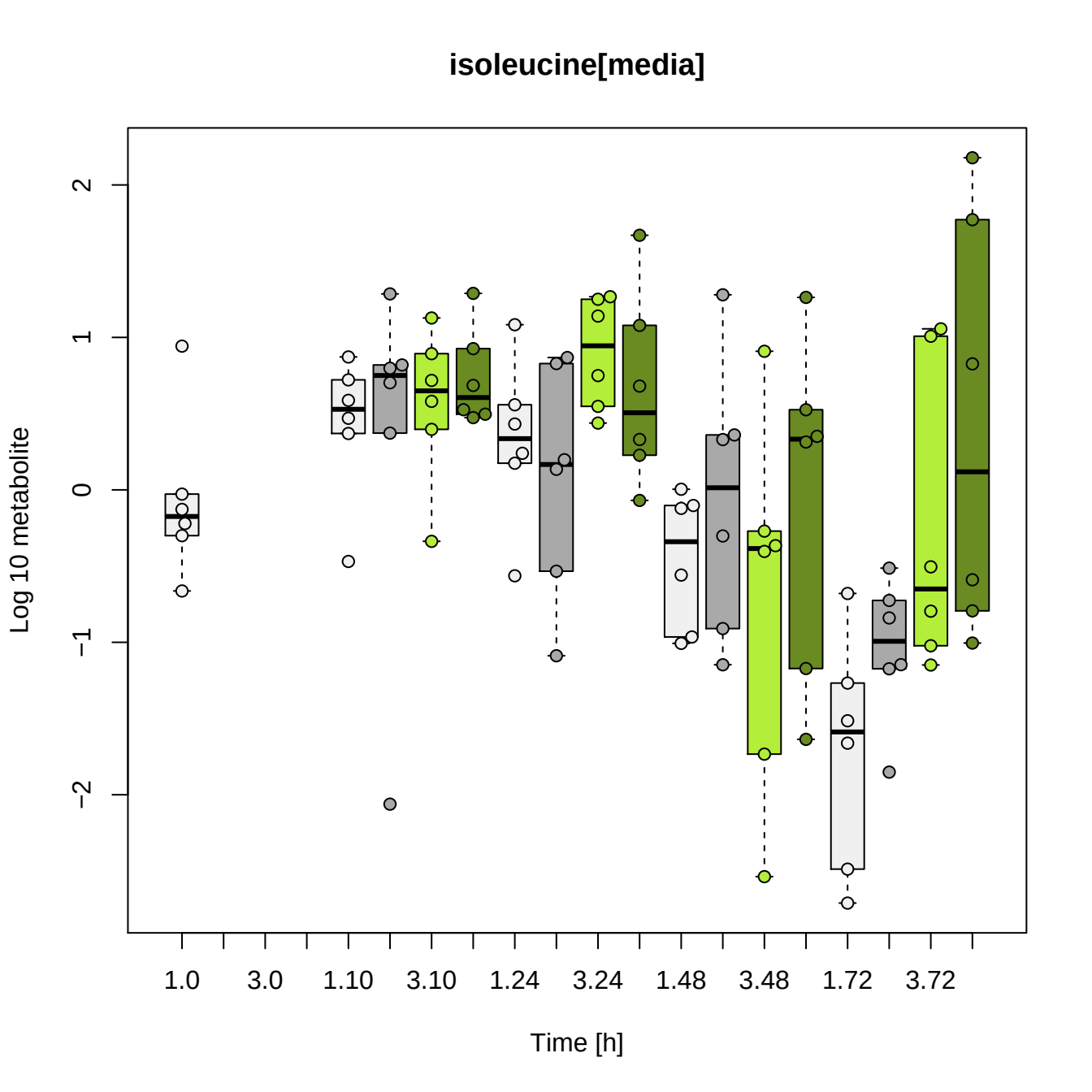

dihomo−linolenate (20:3n3 or n6)[media]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

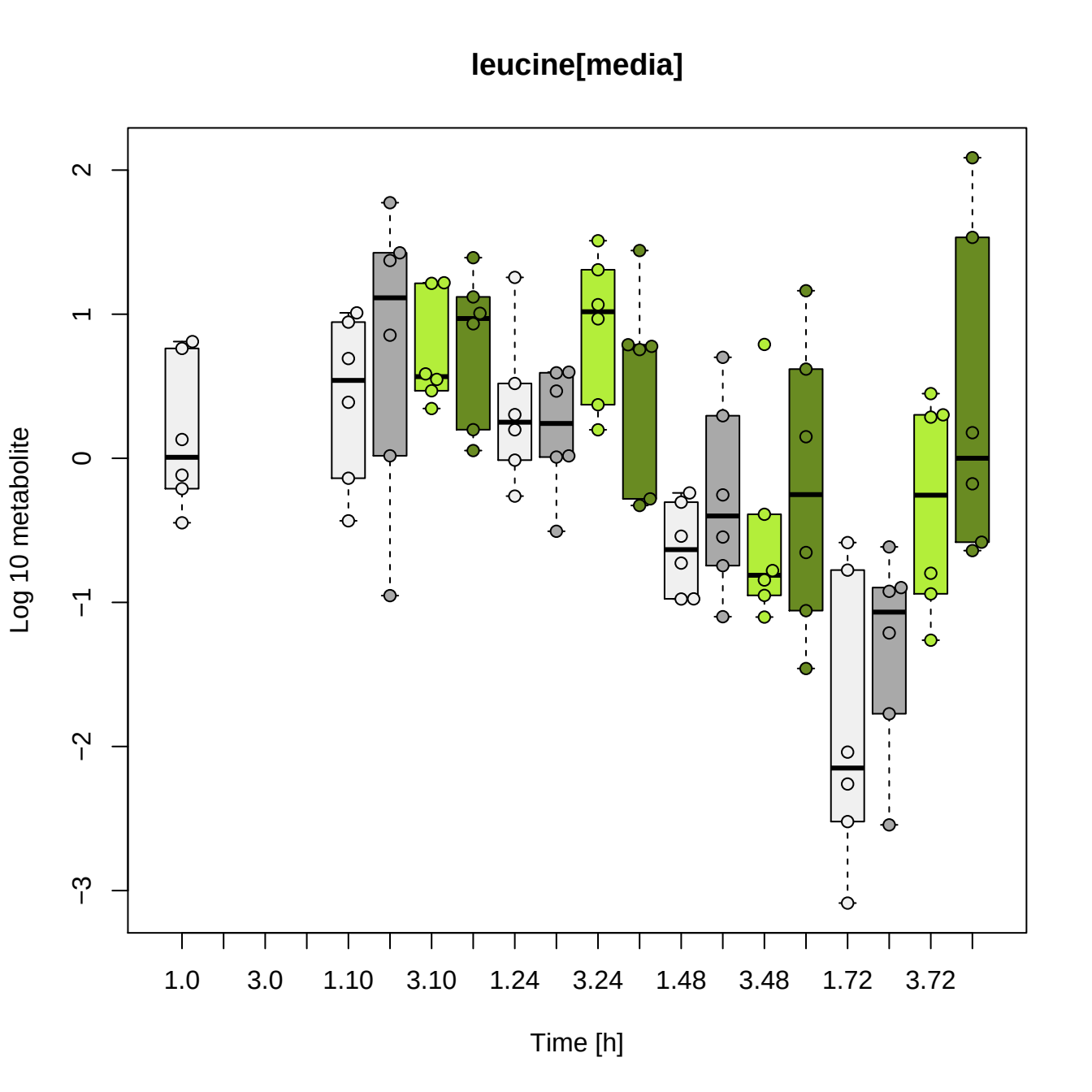

docosahexaenoate (DHA; 22:6n3)[media]
Log 10 metabolite
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

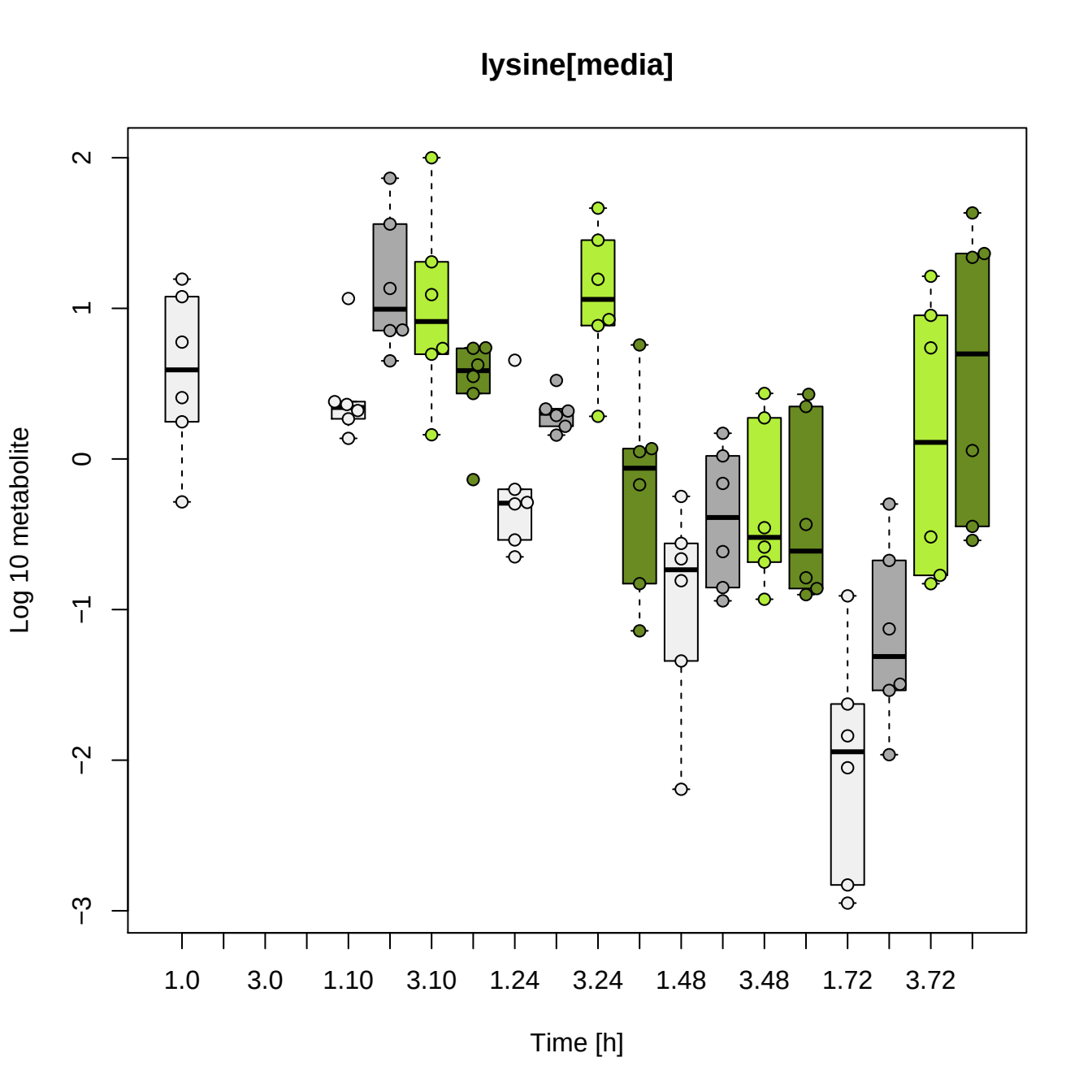

docosapentaenoate (n3 DPA; 22:5n3)[media]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

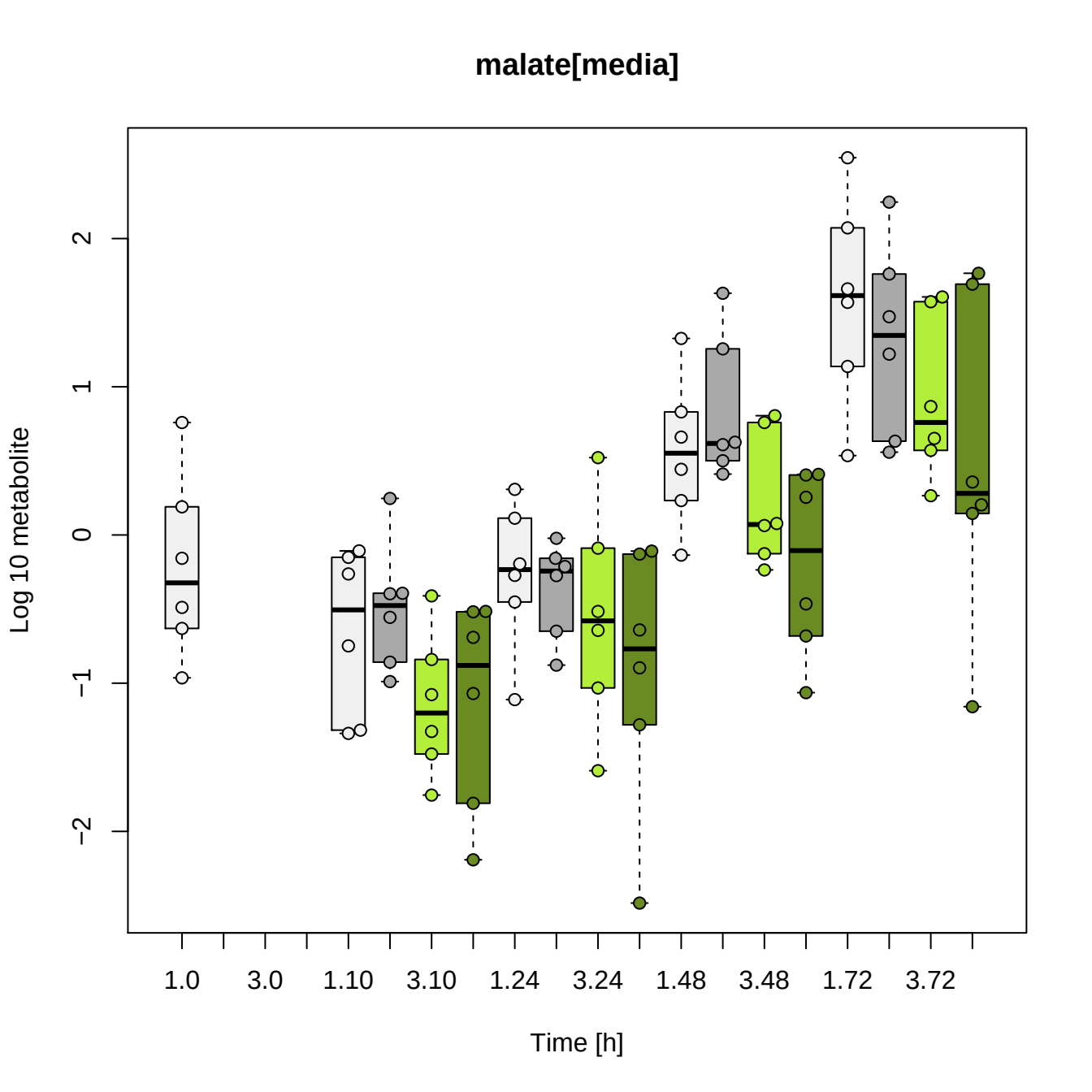

glutamine[media]
Log 10 metabolite
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

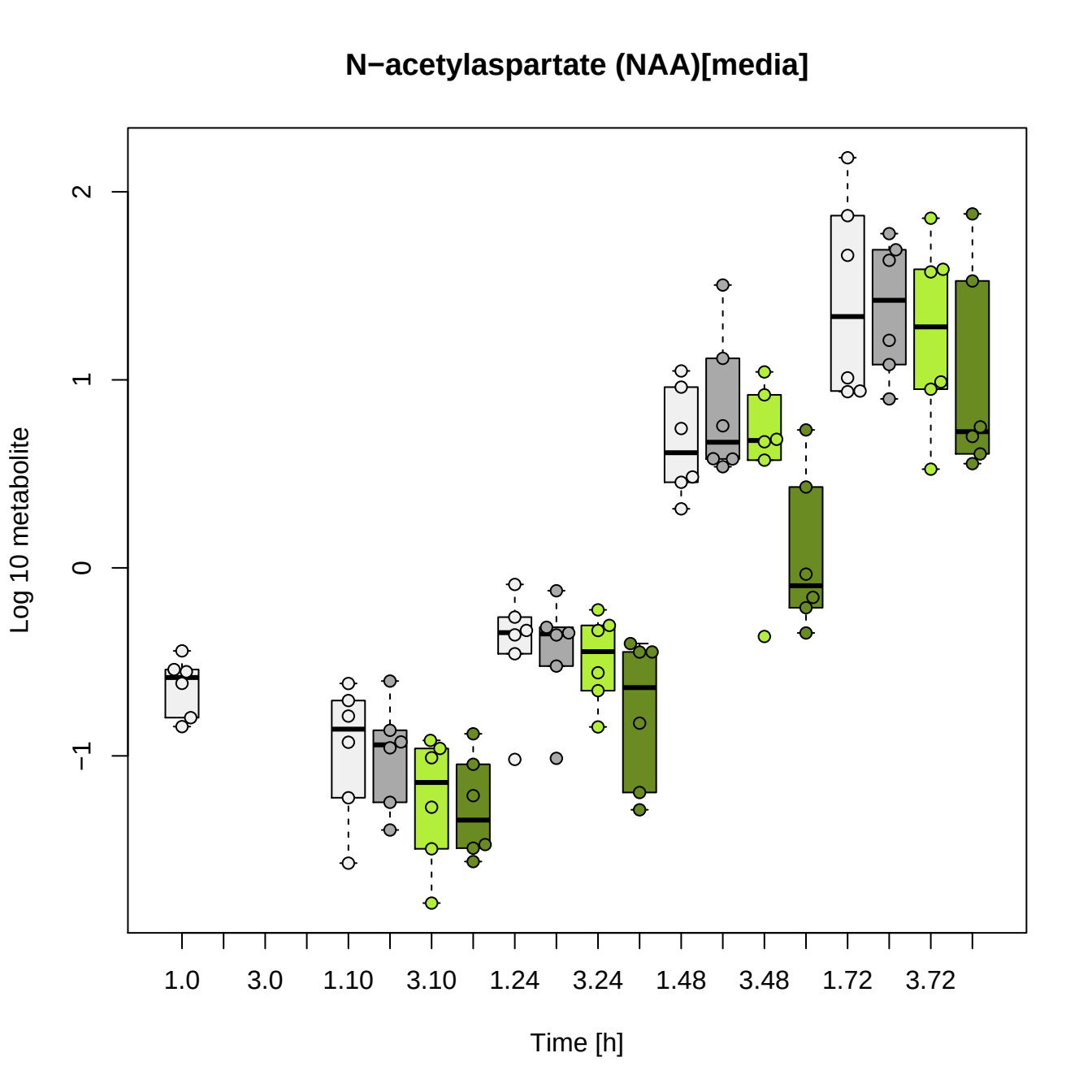

glycylleucine[media]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

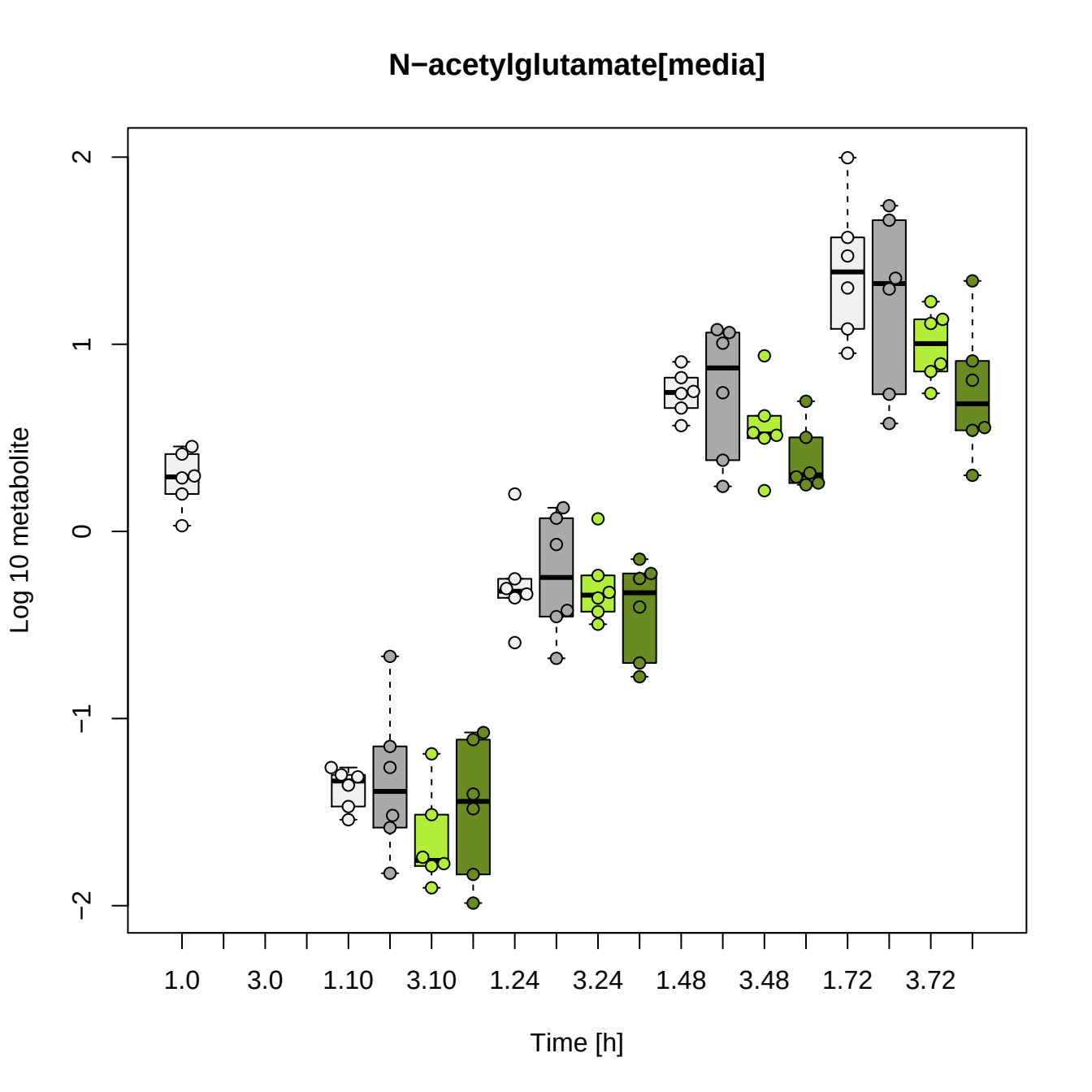

isoleucine[media]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

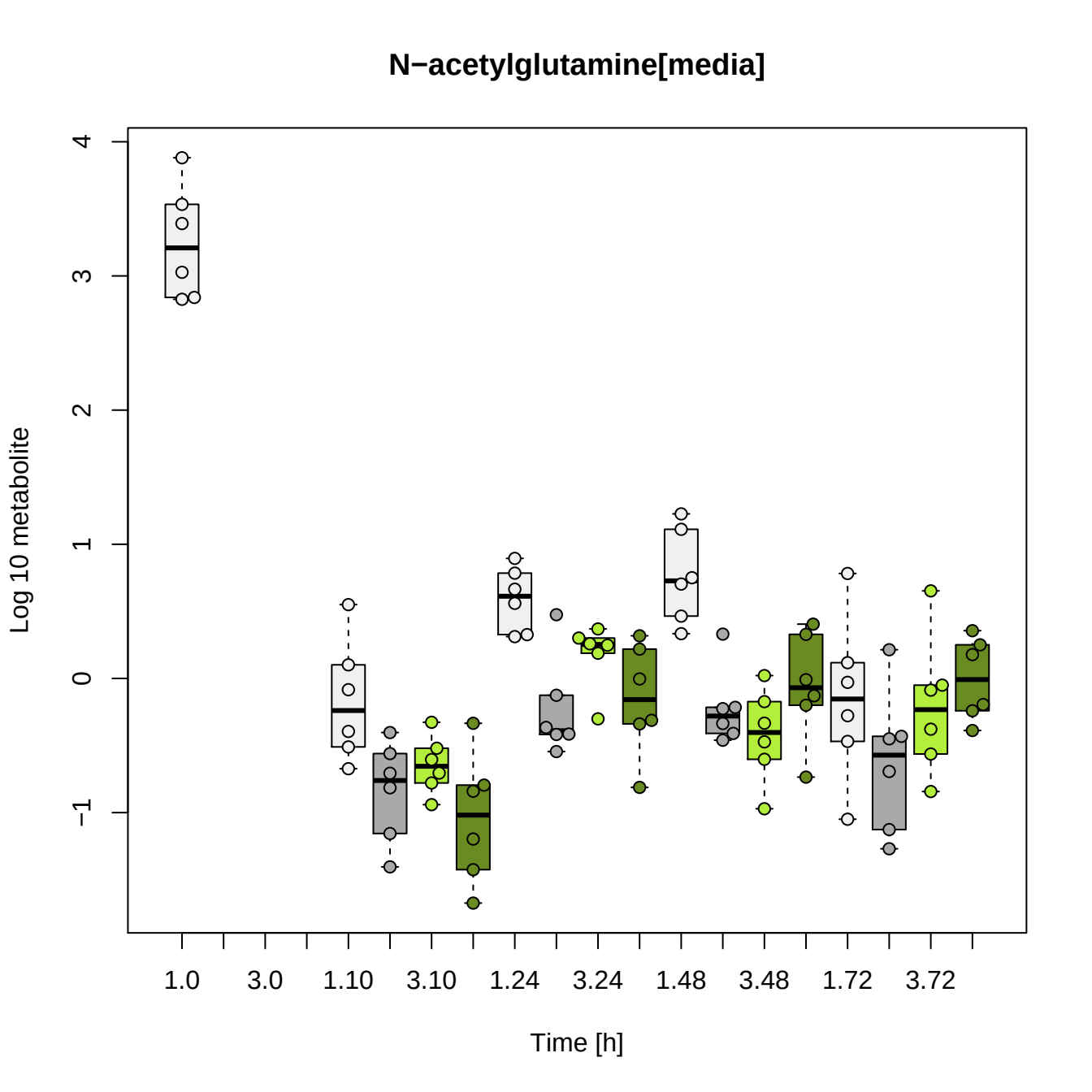

leucine[media]
Log 10 metabolite
2
1
0
−1
−2
−3
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

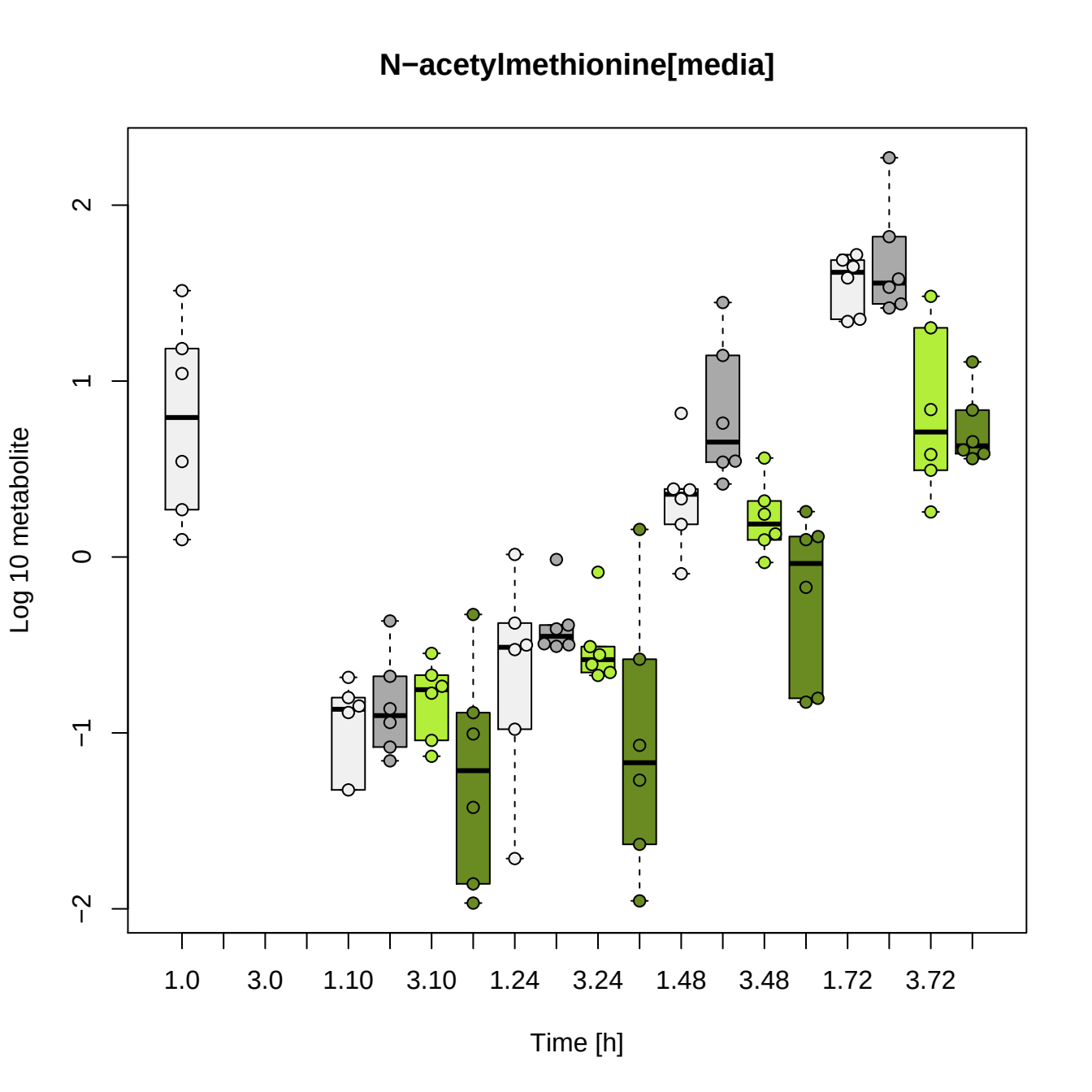

lysine[media]
Log 10 metabolite
2
1
0
−1
−2
−3
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

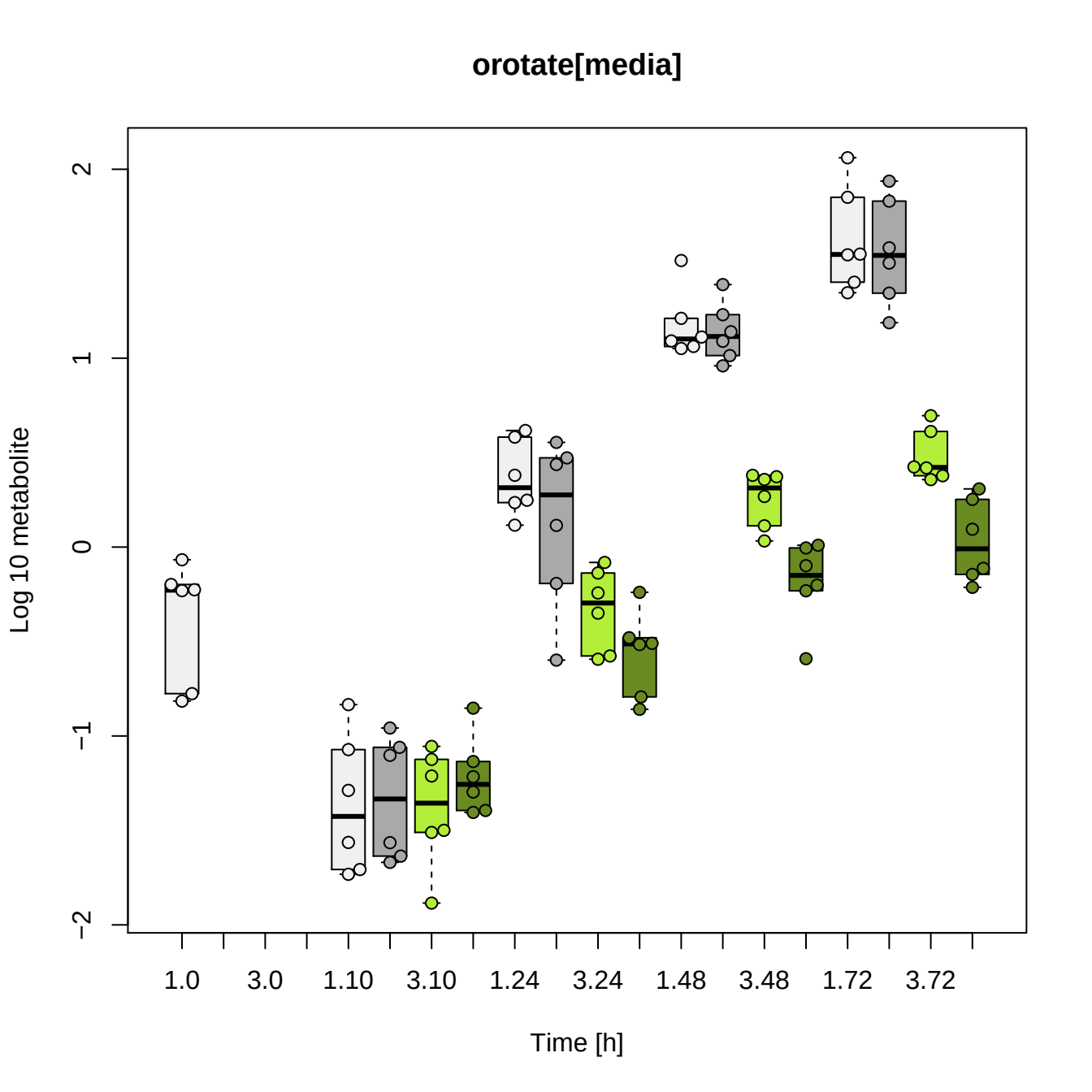

malate[media]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

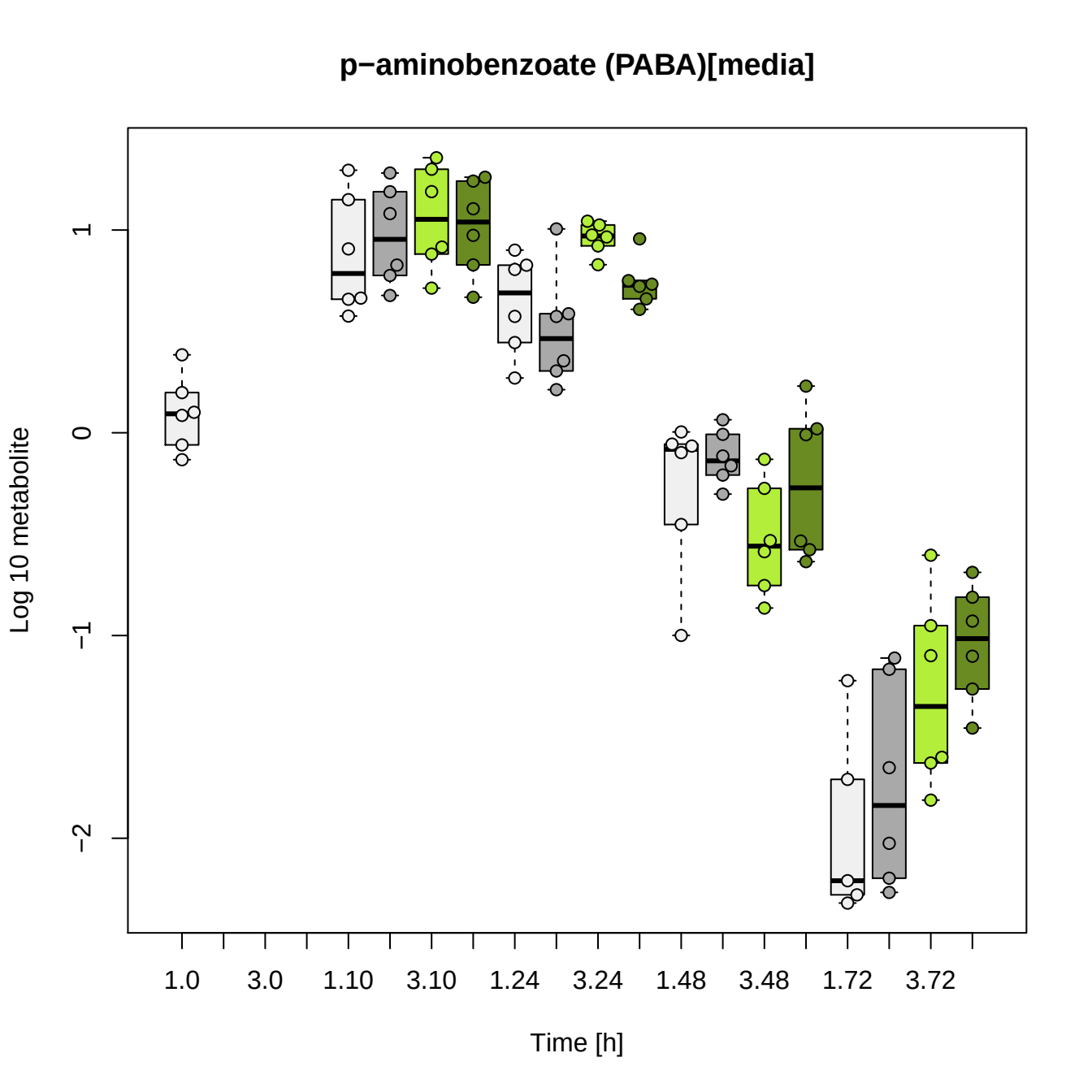

N−acetylaspartate (NAA)[media]
Log 10 metabolite
2
1
0
−1
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

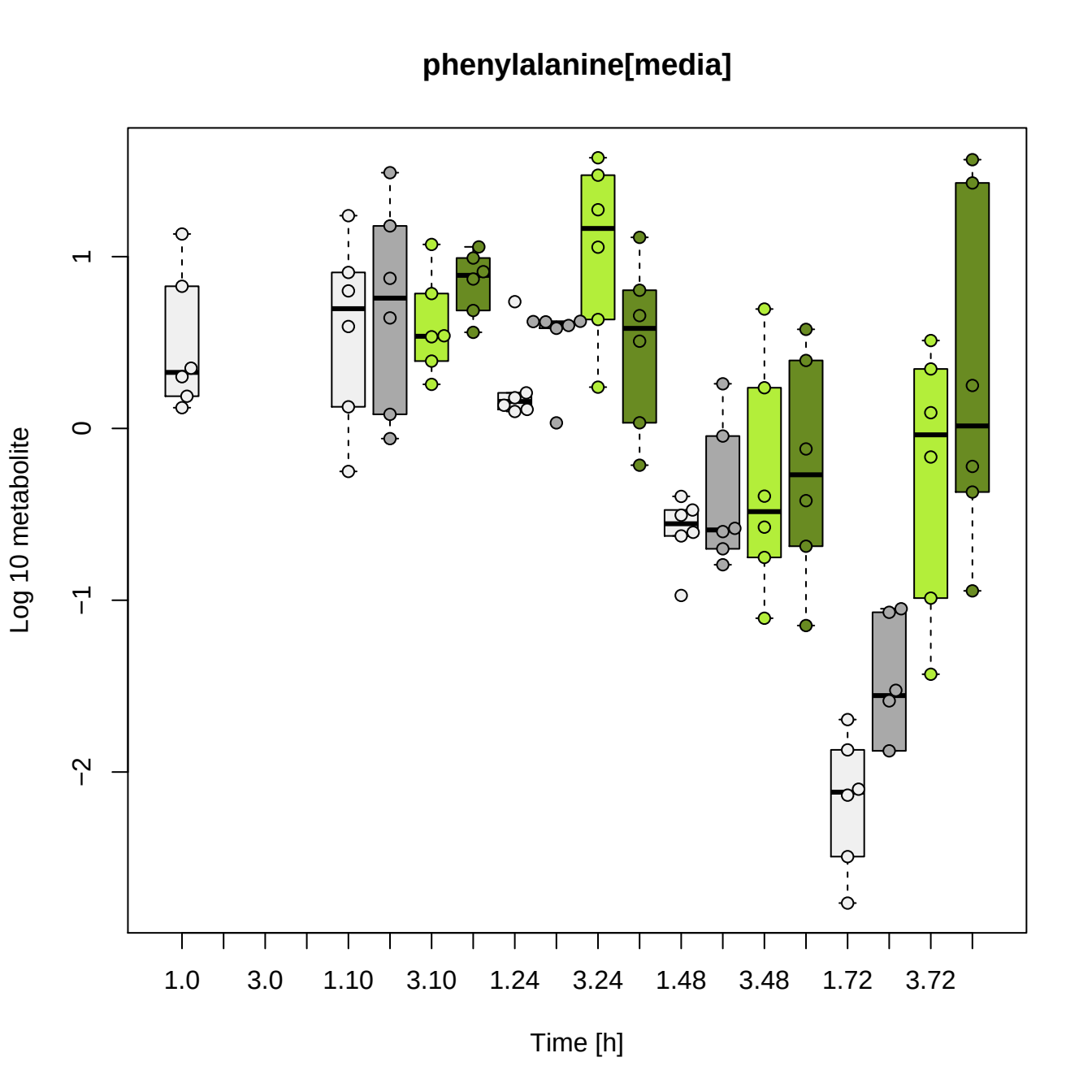

N−acetylglutamate[media]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

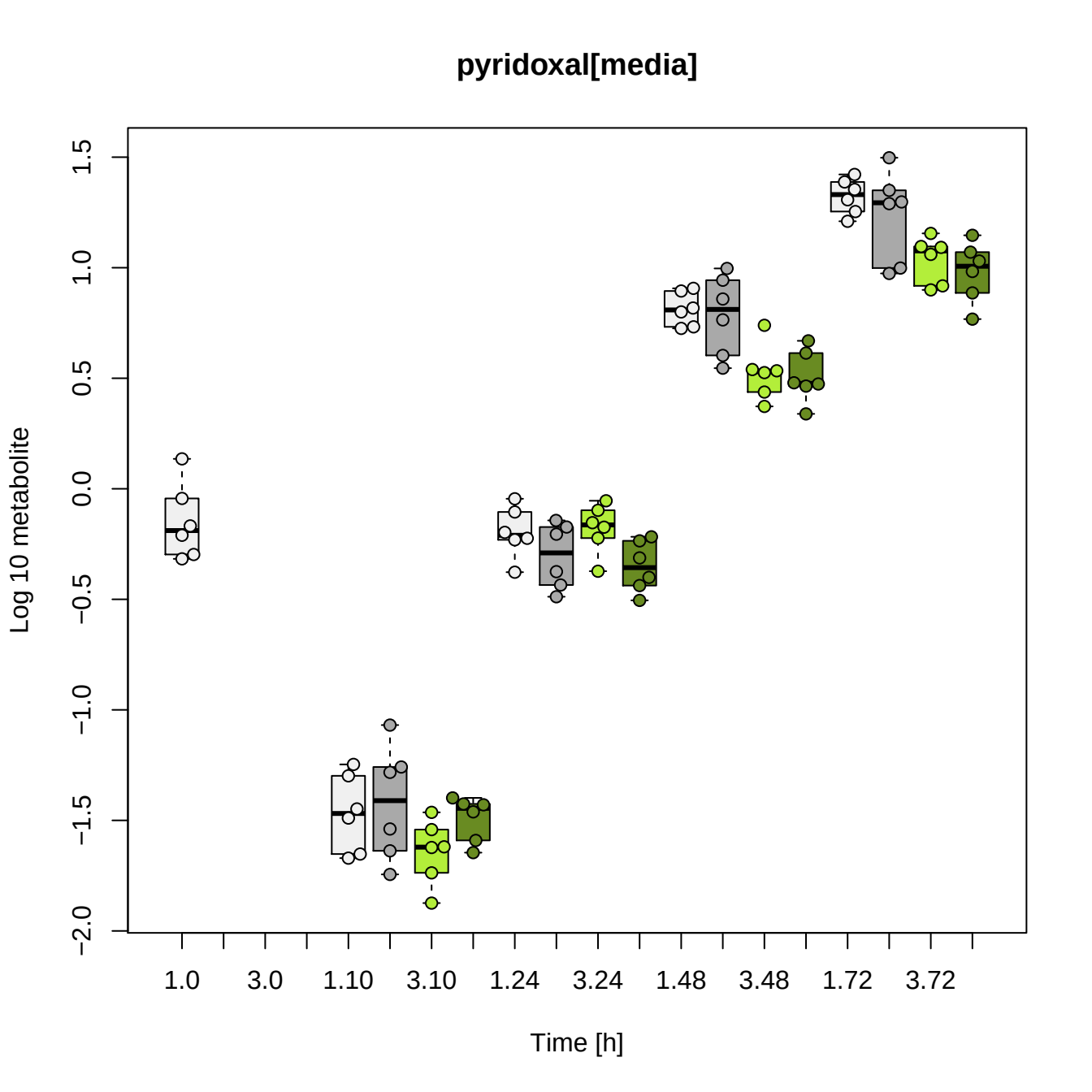

N−acetylglutamine[media]
Log 10 metabolite
4
3
2
1
0
−1
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

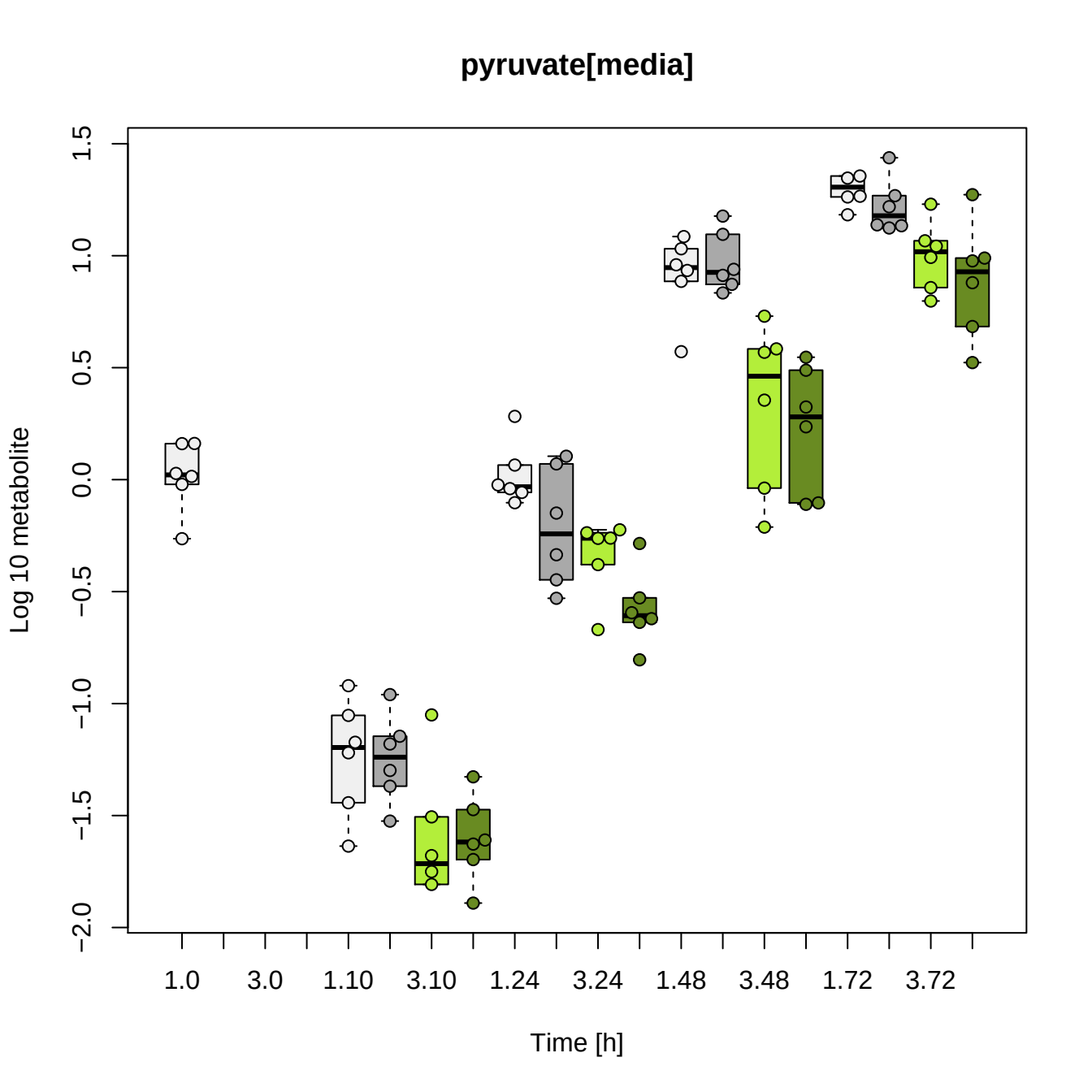

N−acetylmethionine[media]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

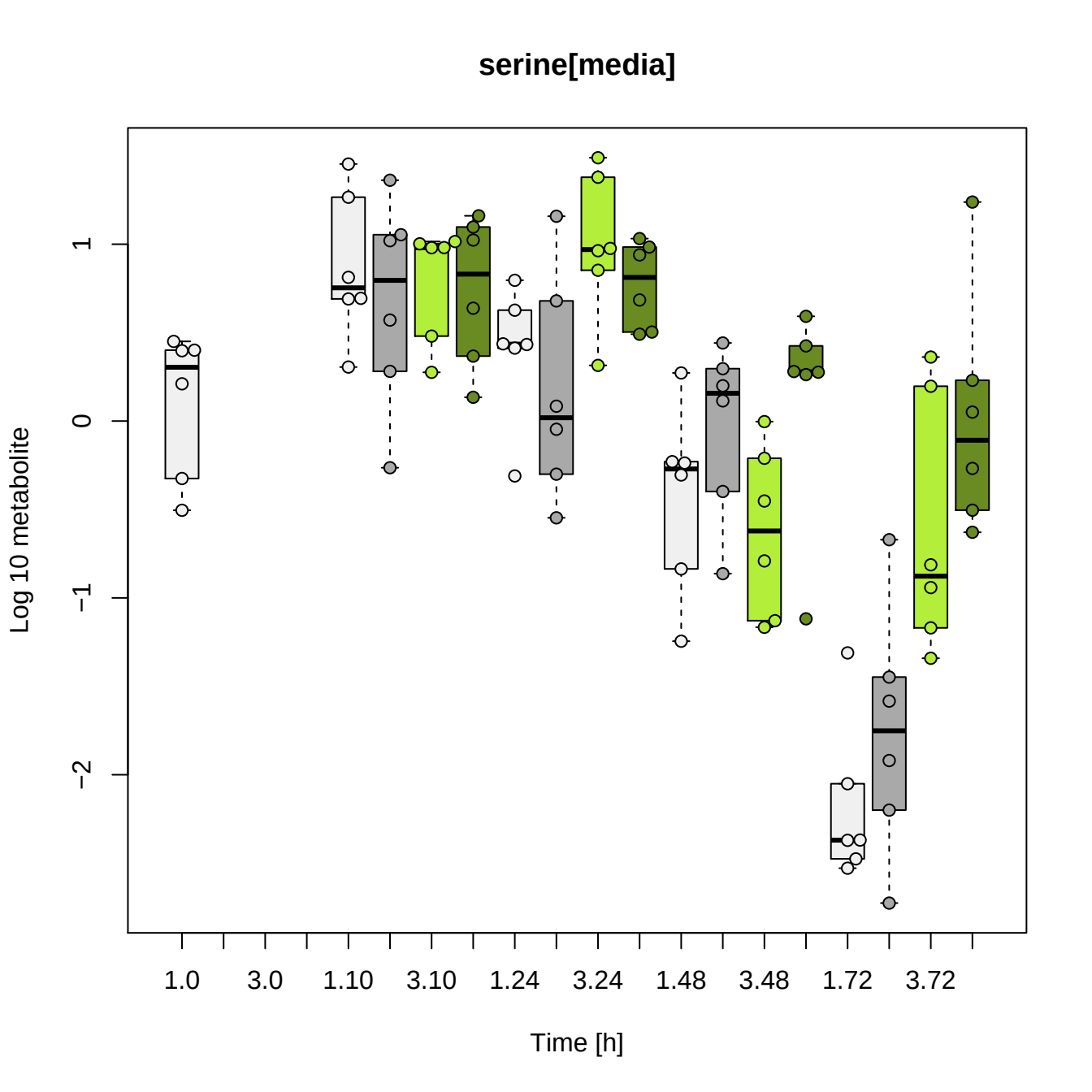

orotate[media]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

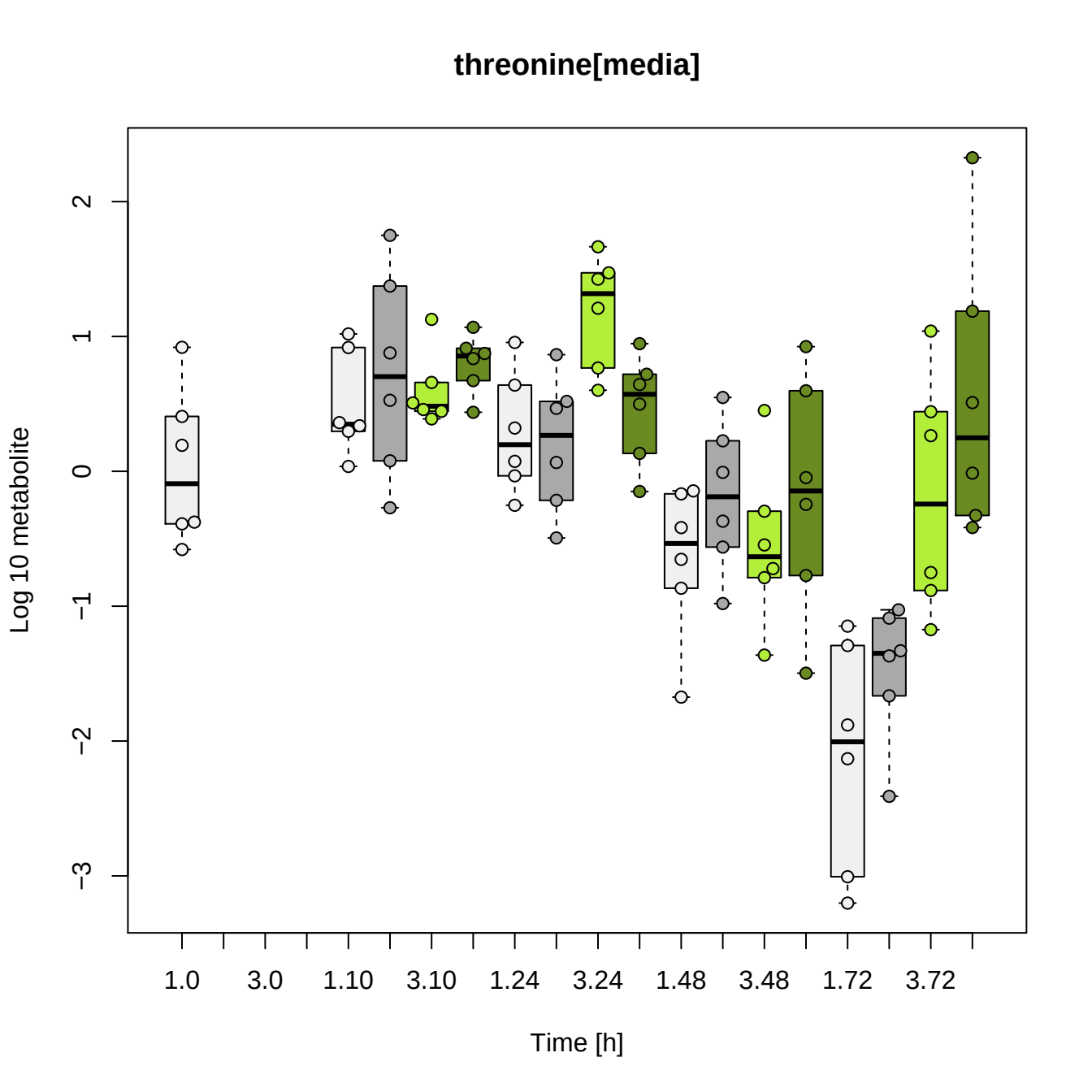

p−aminobenzoate (PABA)[media]
Log 10 metabolite
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

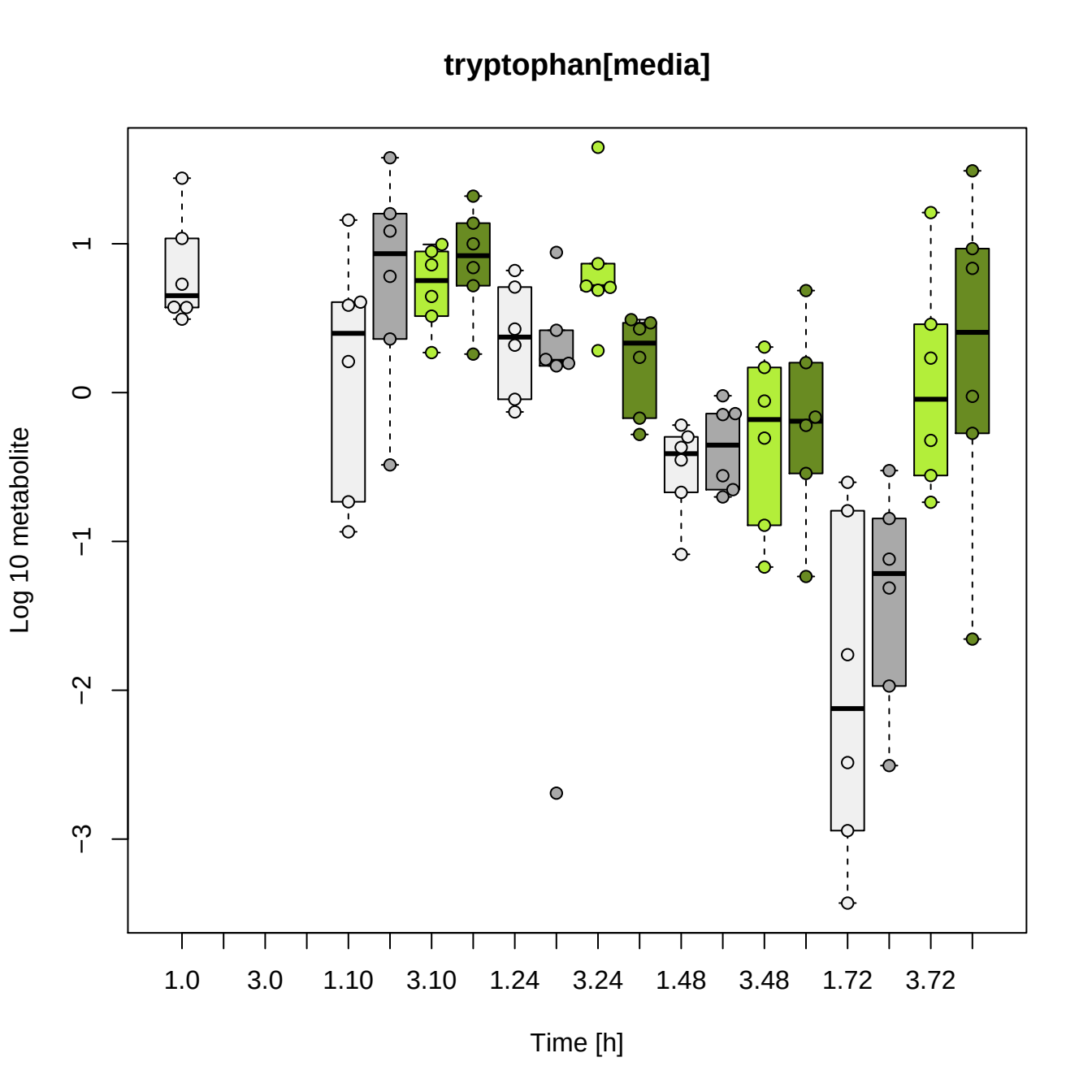

phenylalanine[media]
Log 10 metabolite
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

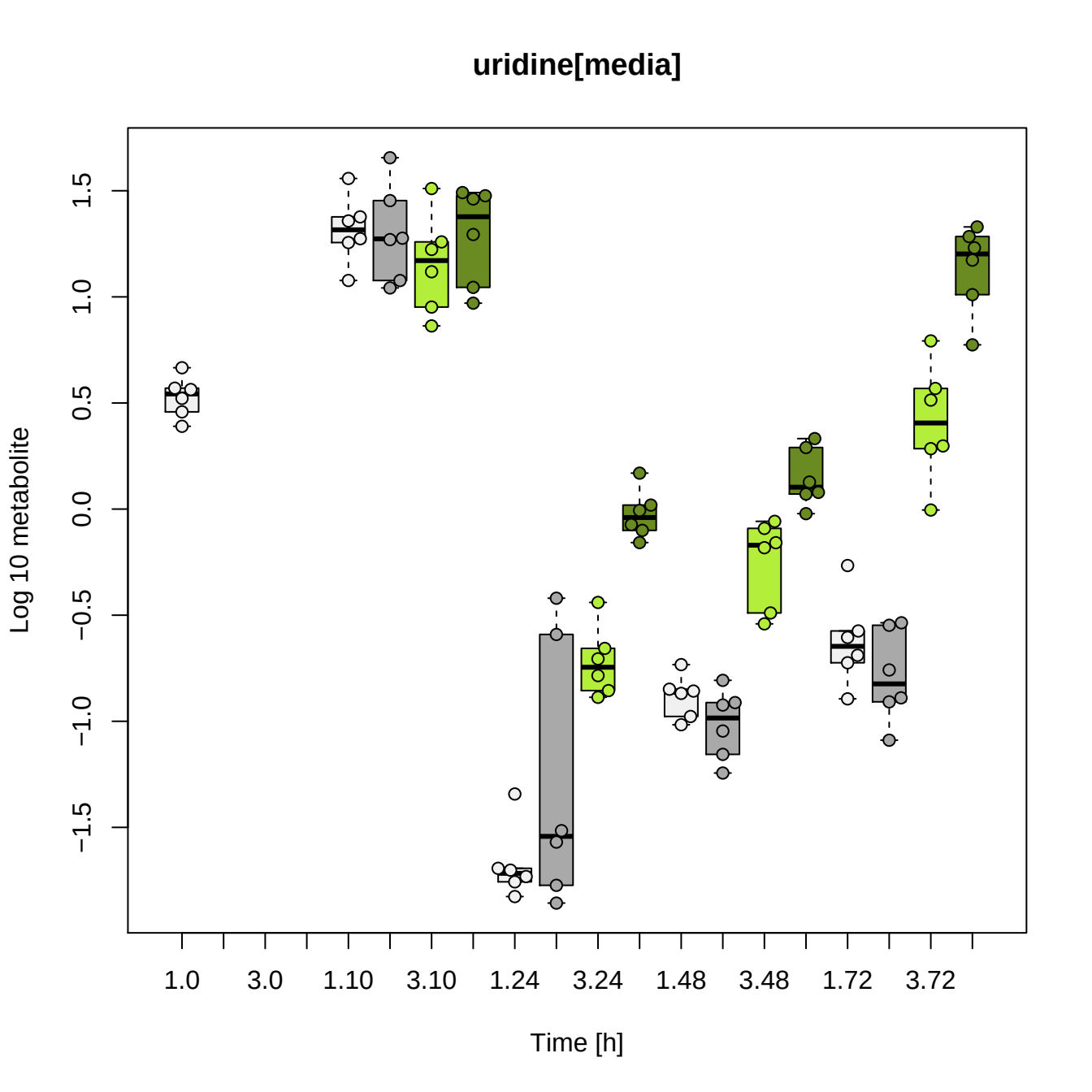

pyridoxal[media]
Log 10 metabolite
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

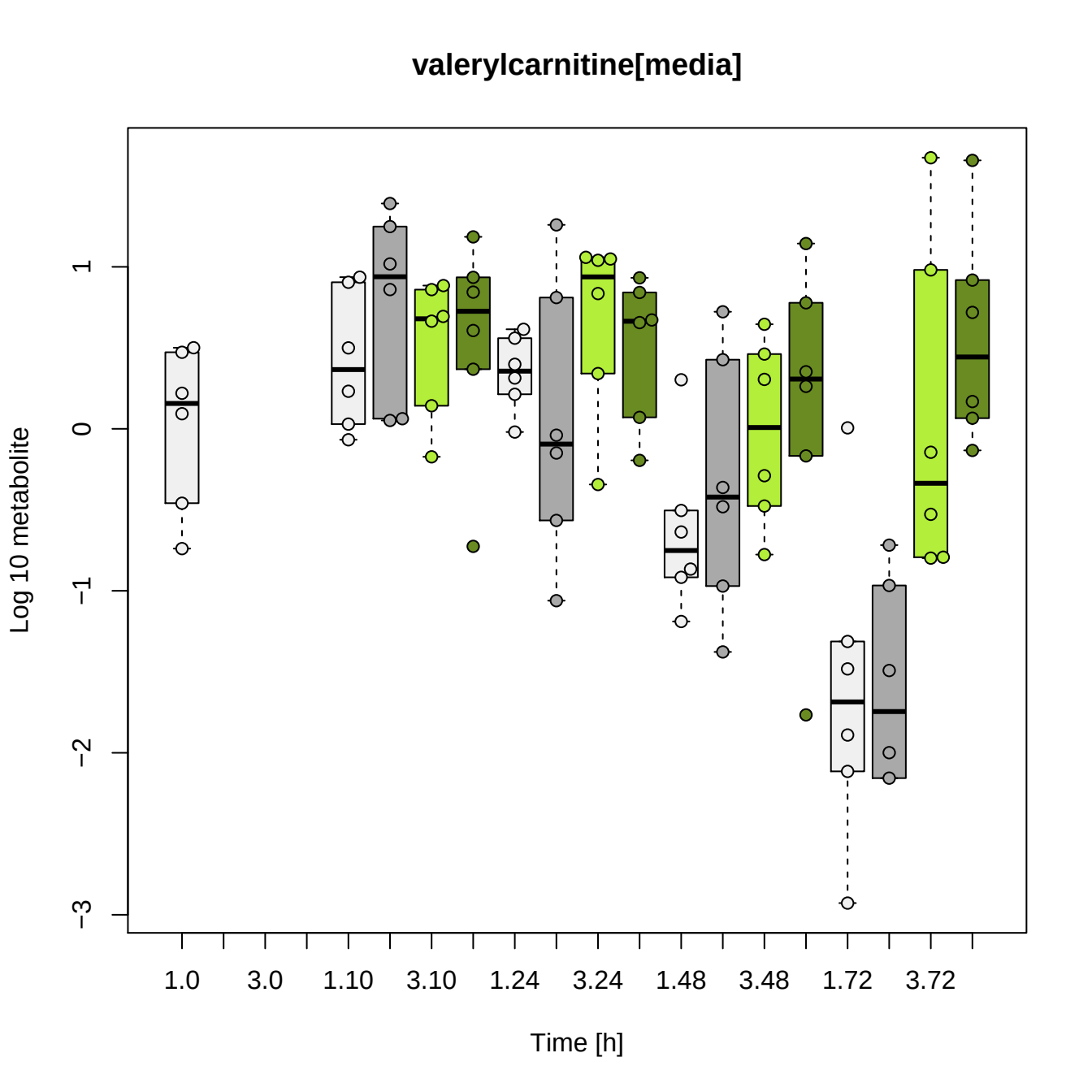

pyruvate[media]
Log 10 metabolite
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

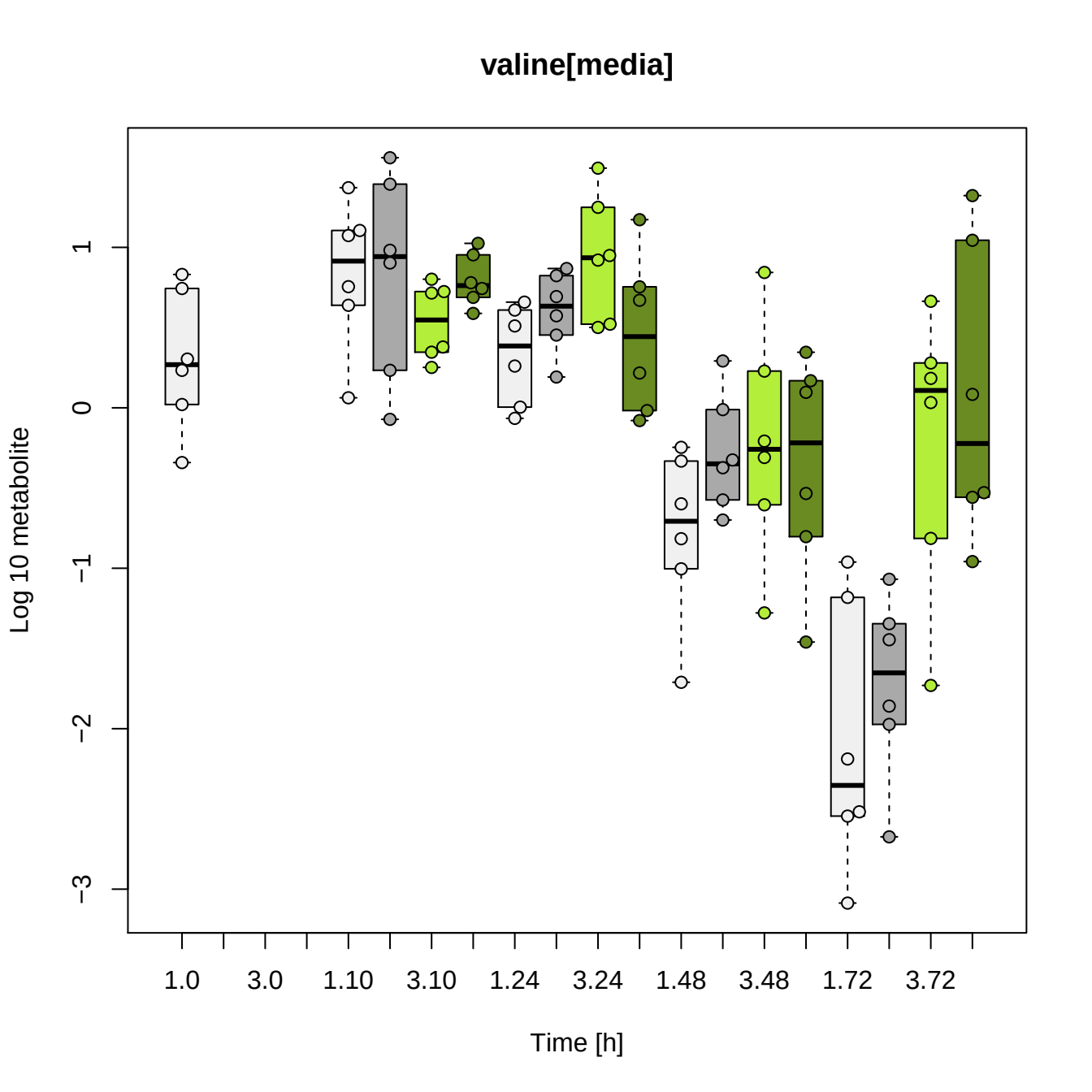

serine[media]
Log 10 metabolite
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

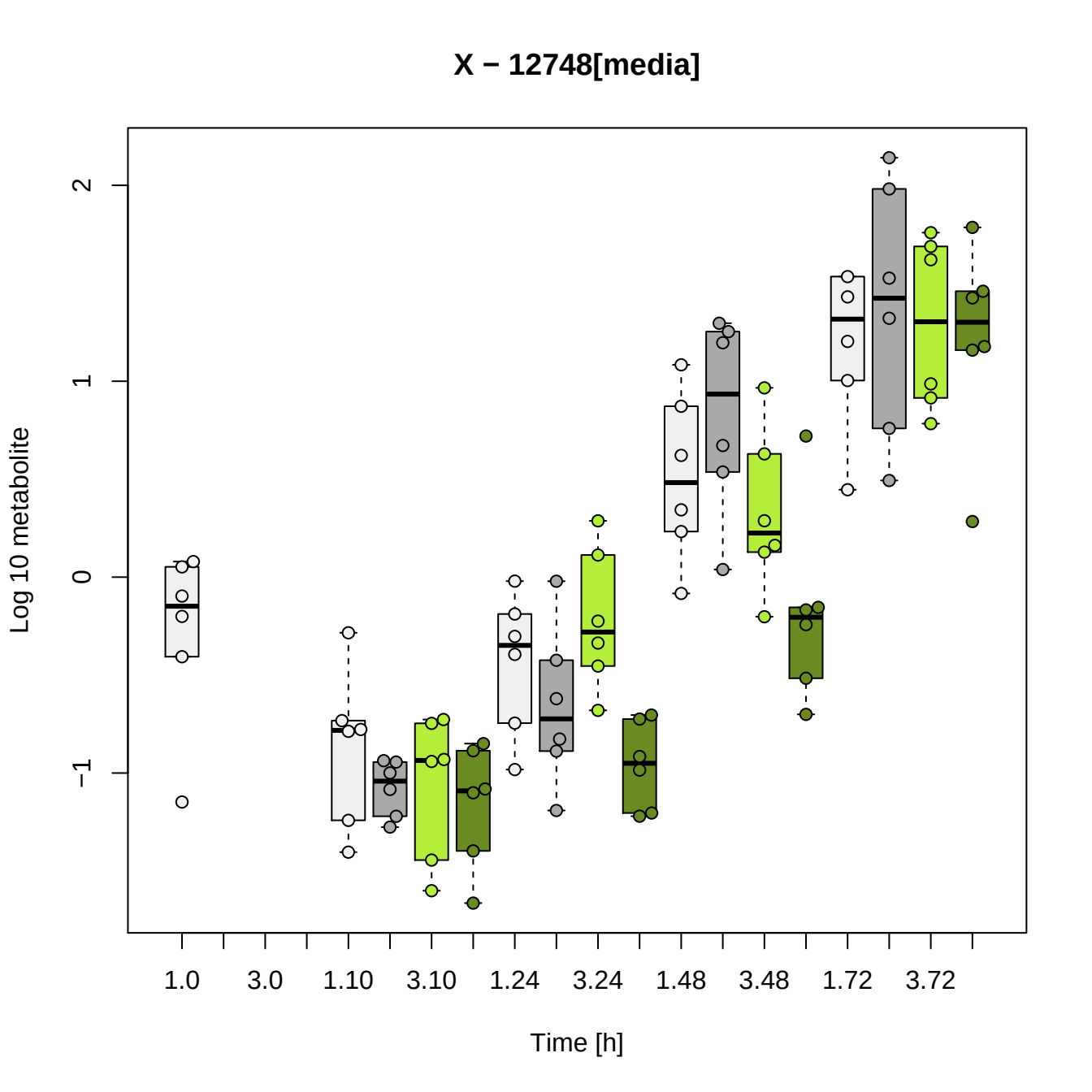

threonine[media]
Log 10 metabolite
2
1
0
−1
−2
−3
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

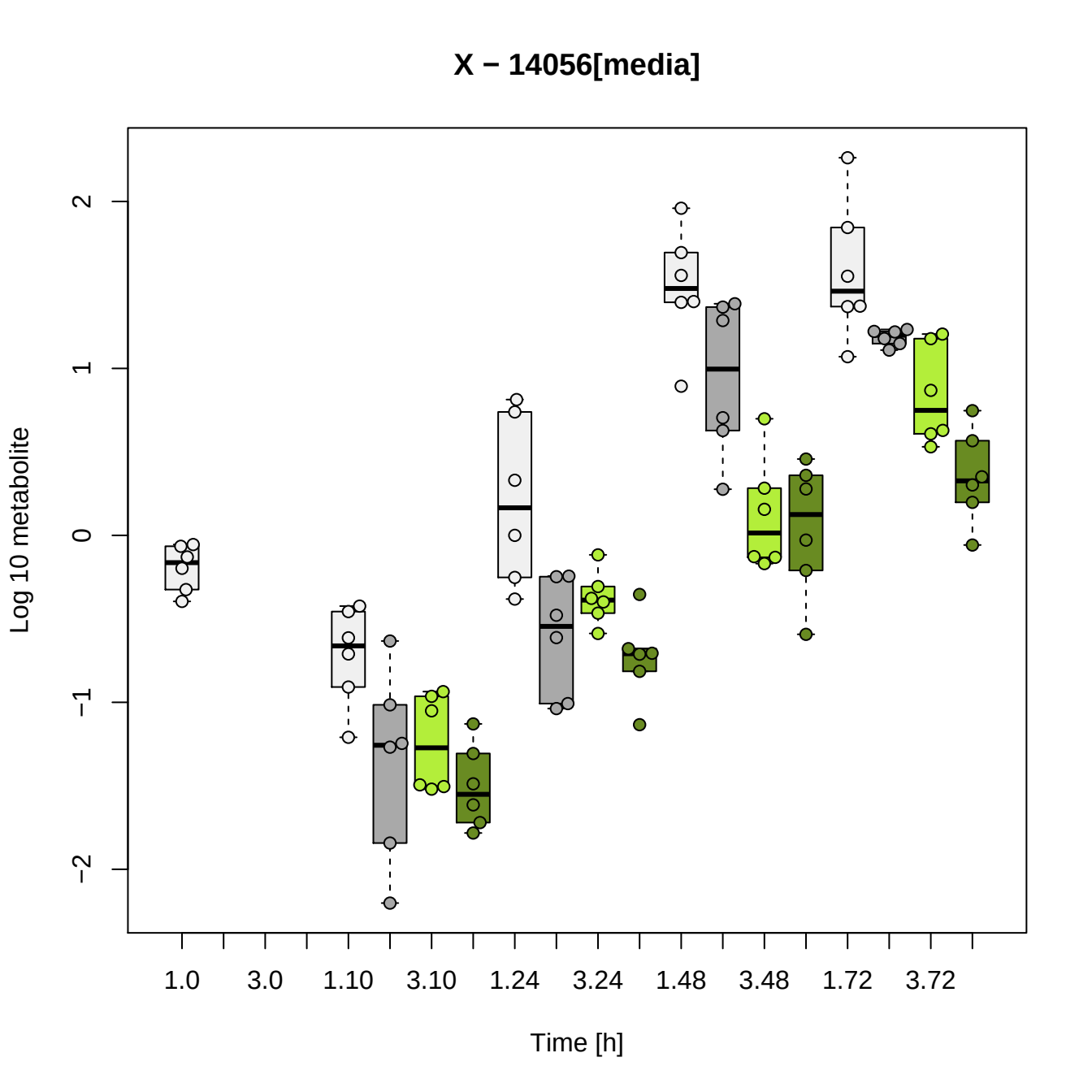

tryptophan[media]
Log 10 metabolite
1
0
−1
−2
−3
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

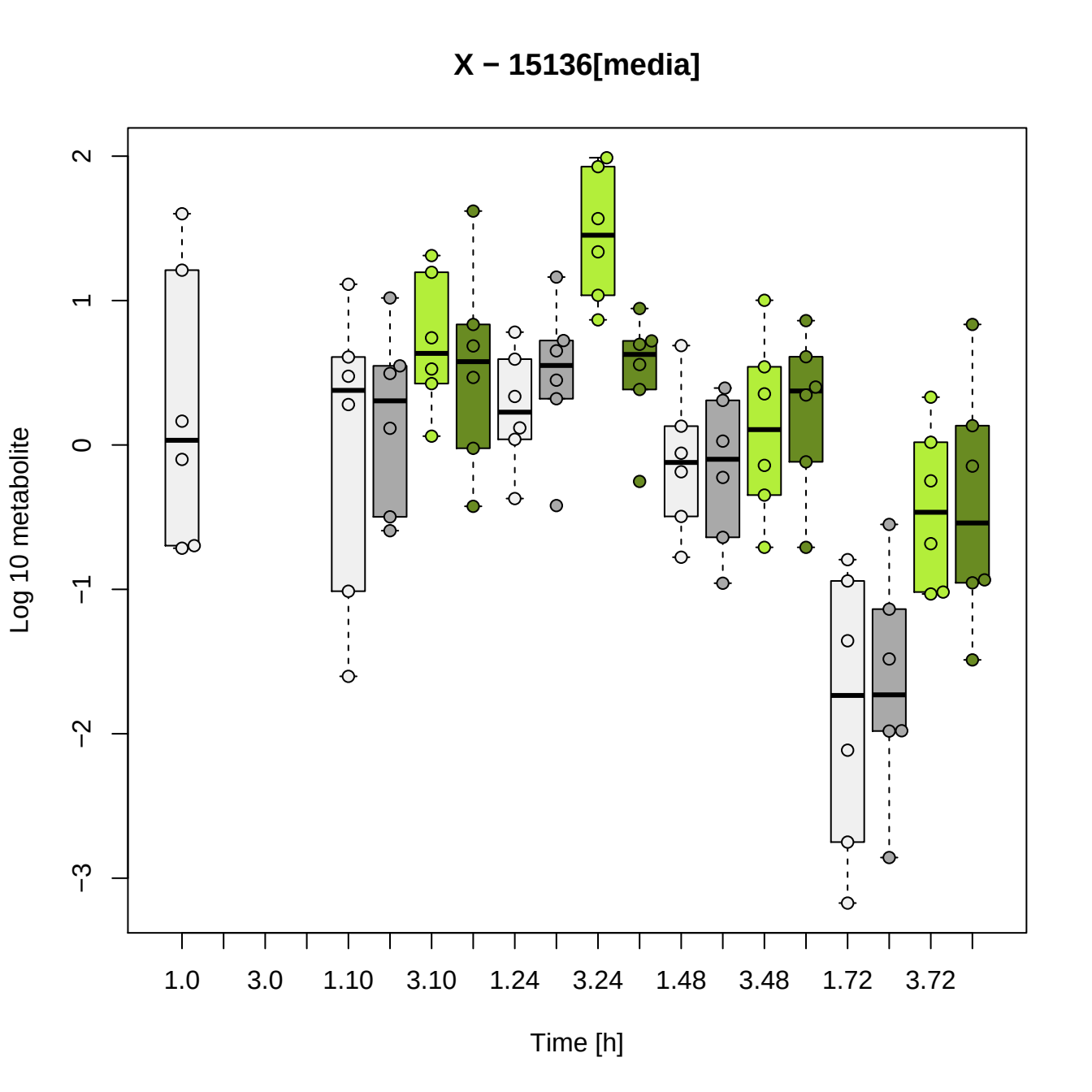

uridine[media]
Log 10 metabolite
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

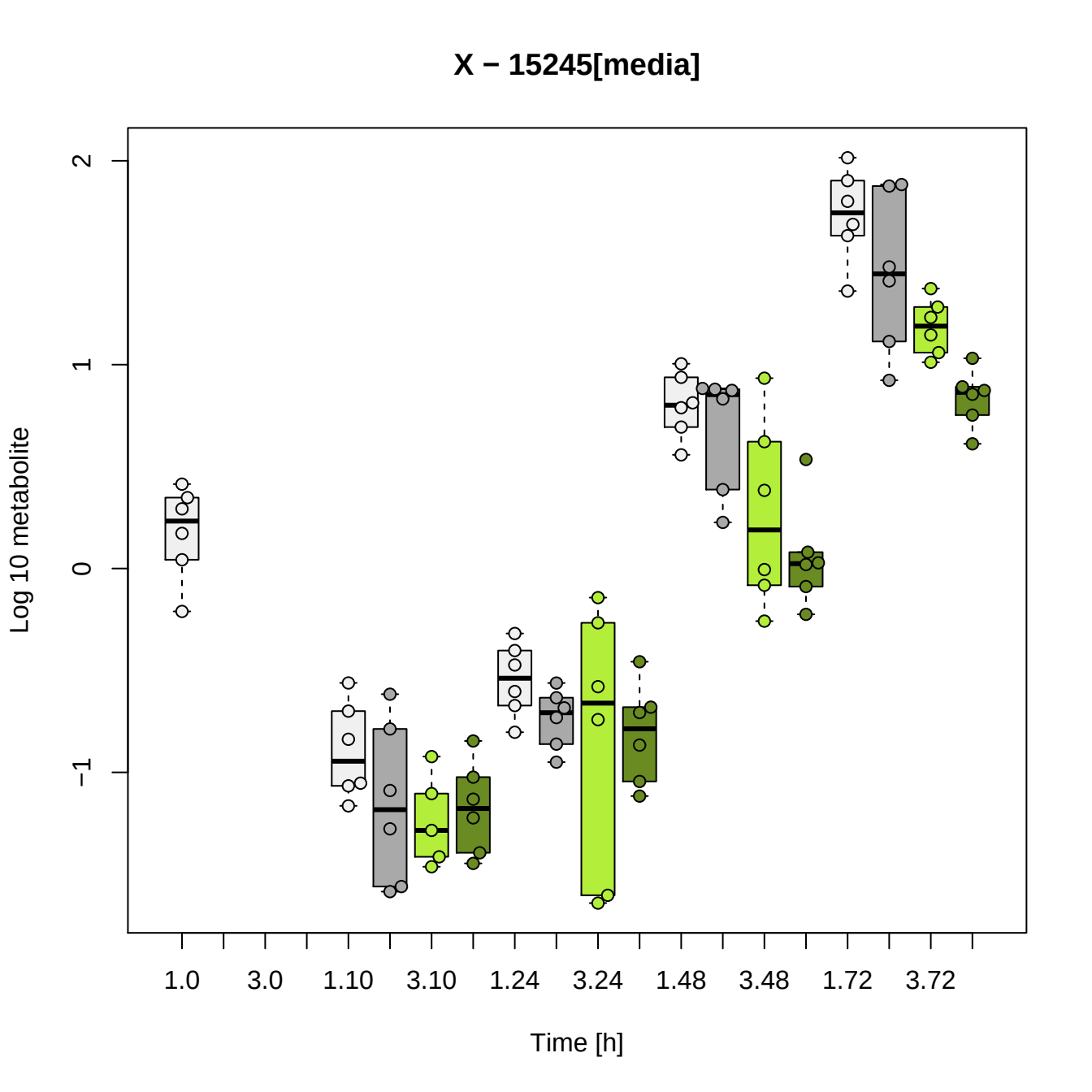

valerylcarnitine[media]
Log 10 metabolite
1
0
−1
−2
−3
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

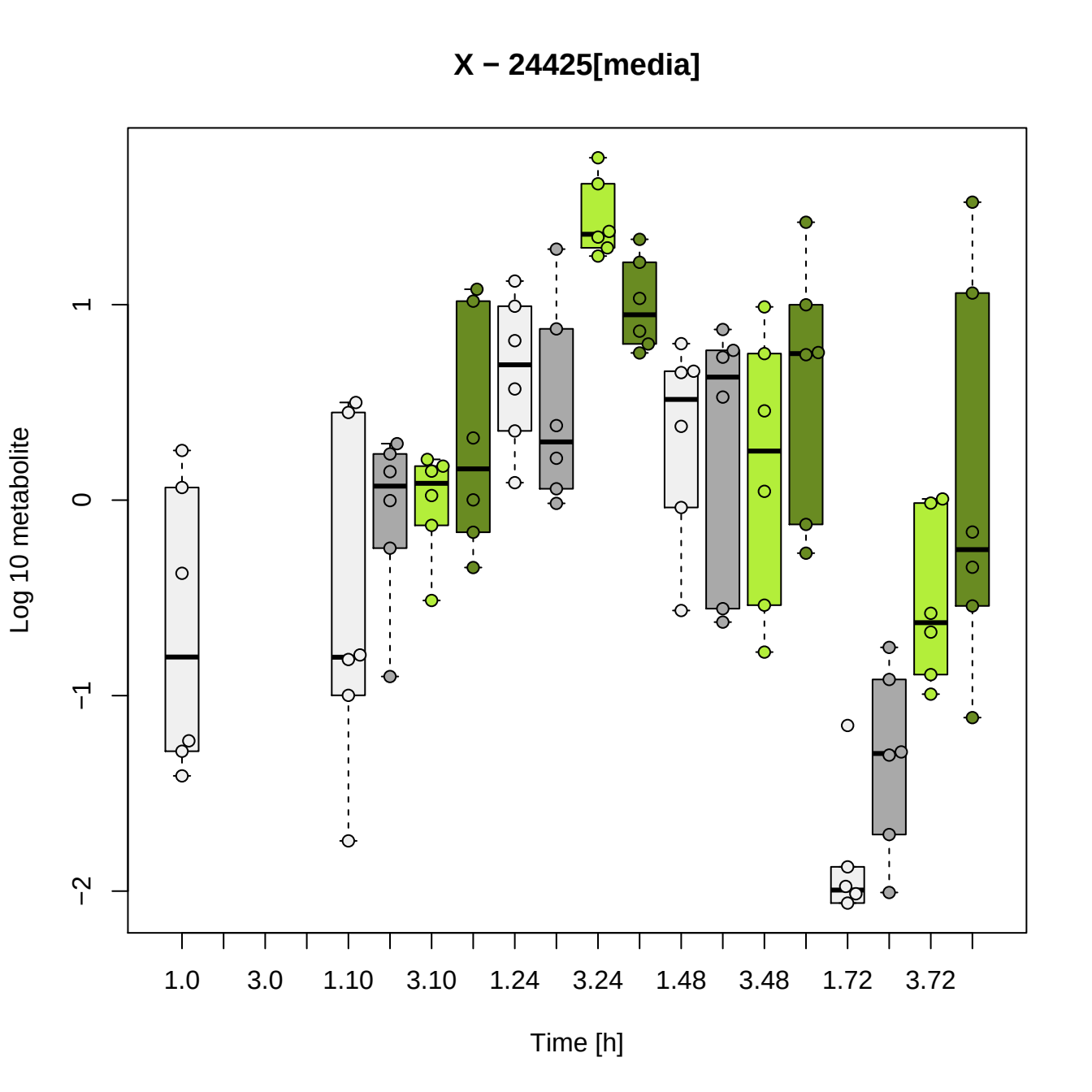

valine[media]
Log 10 metabolite
1
0
−1
−2
−3
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

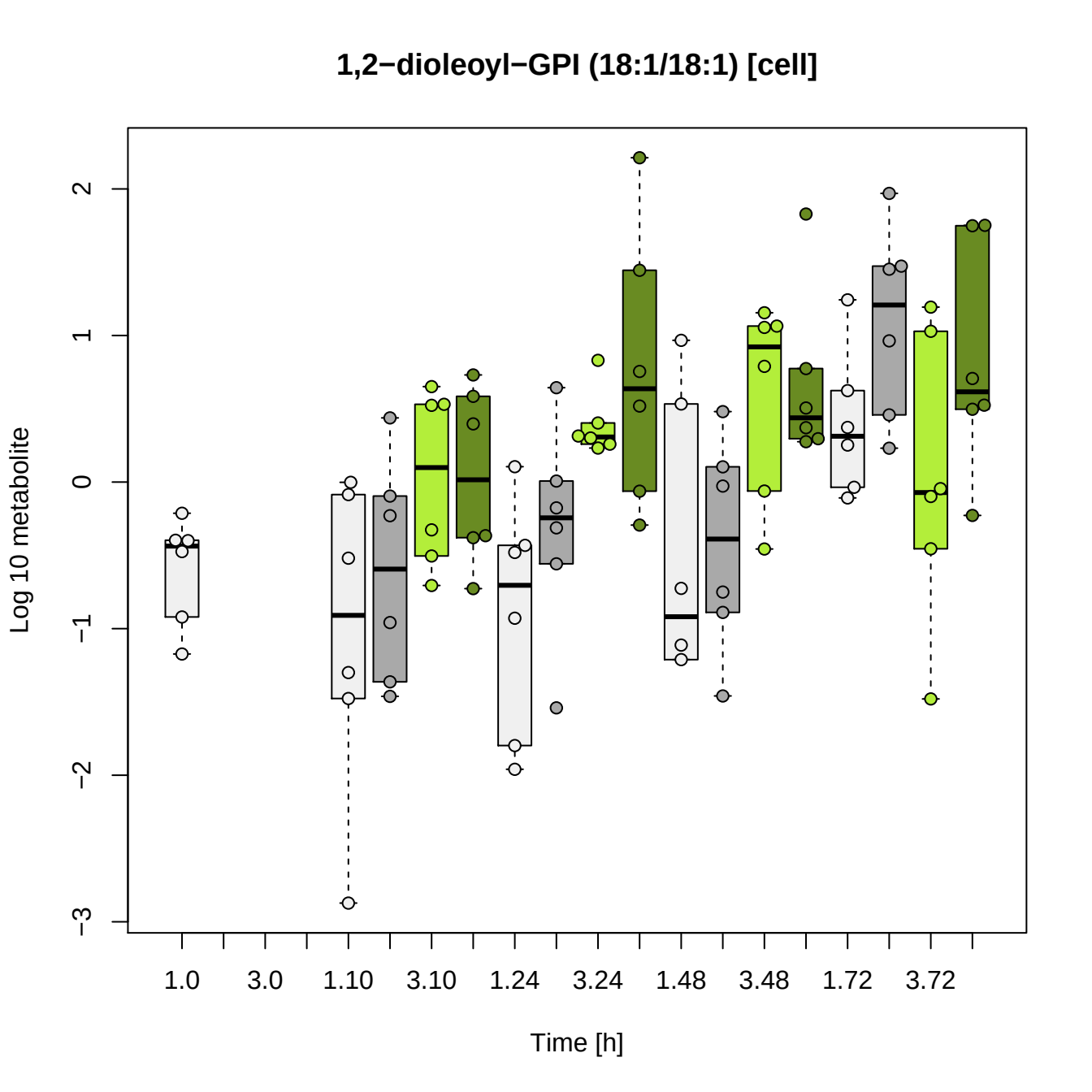

X − 12748[media]
Log 10 metabolite
2
1
0
−1
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

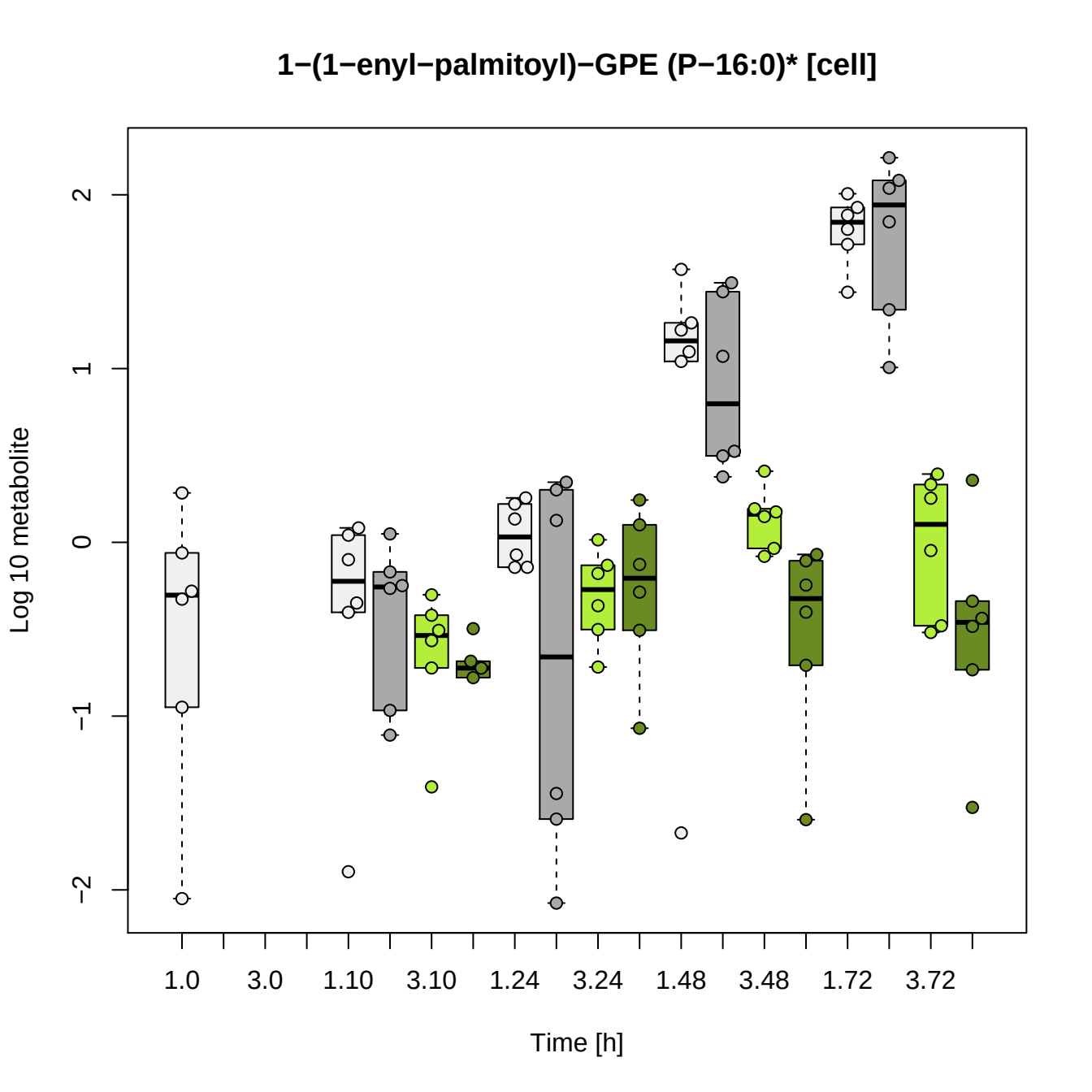

X − 14056[media]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

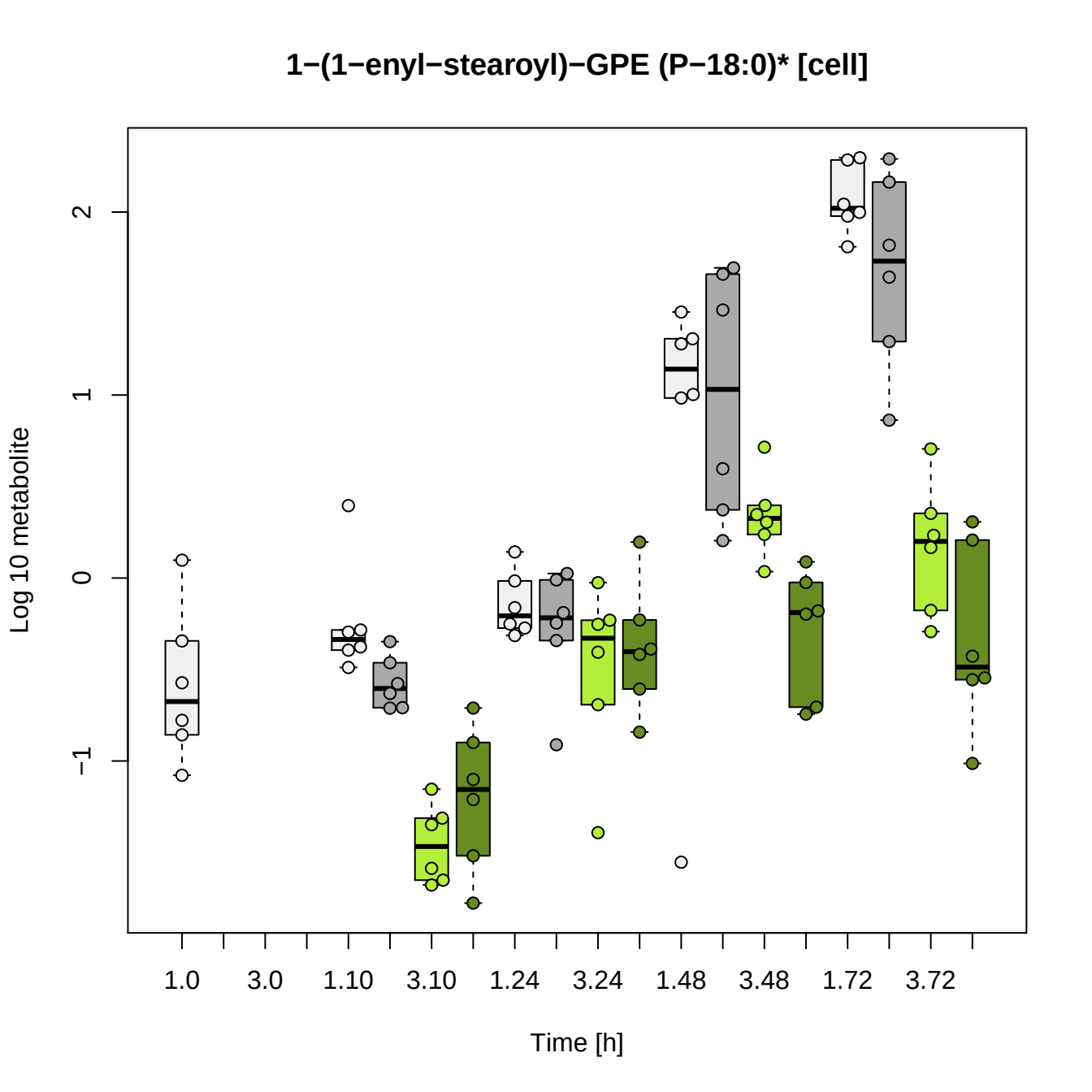

X − 15136[media]
Log 10 metabolite
2
1
0
−1
−2
−3
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

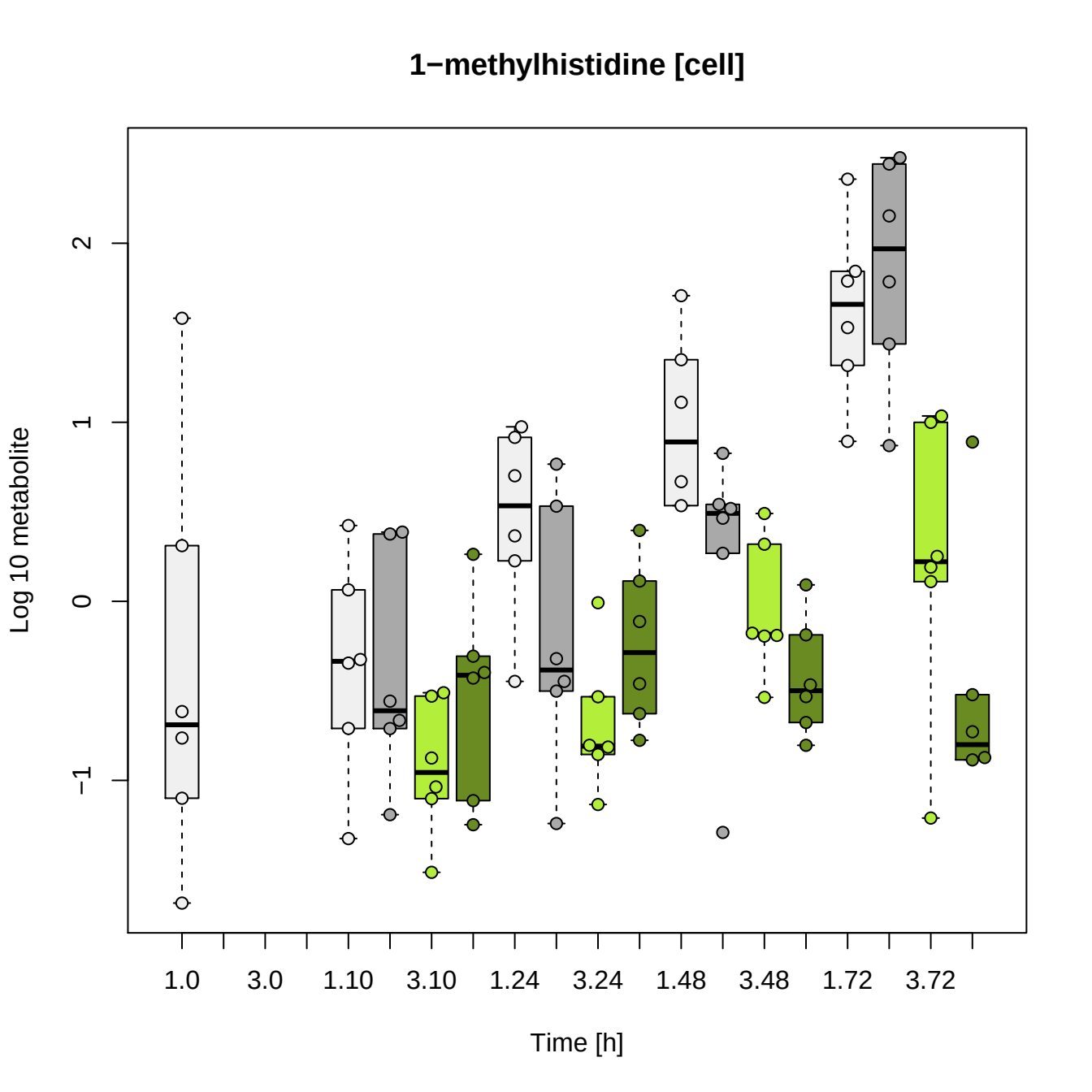

X − 15245[media]
Log 10 metabolite
2
1
0
−1
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

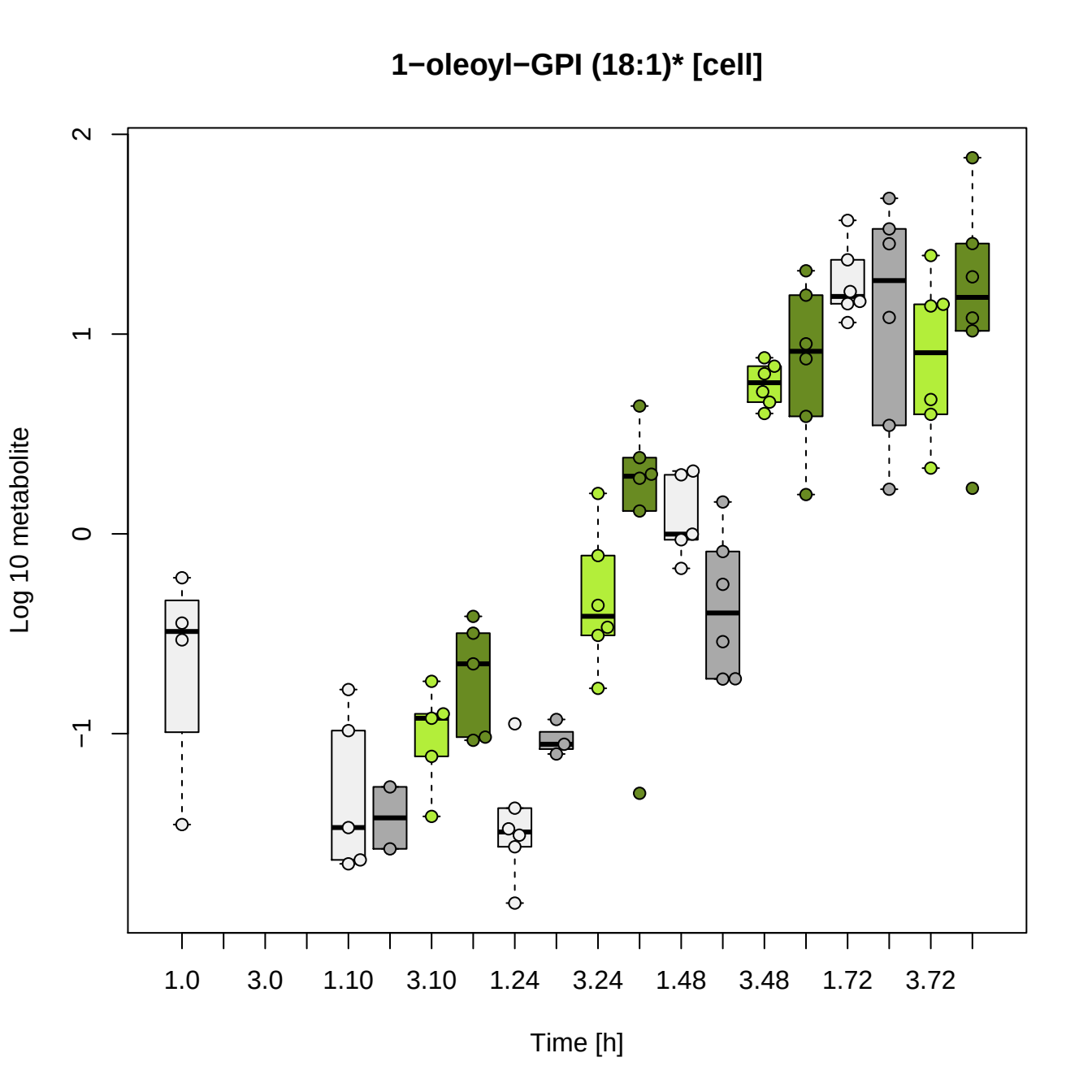

X − 24425[media]
Log 10 metabolite
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

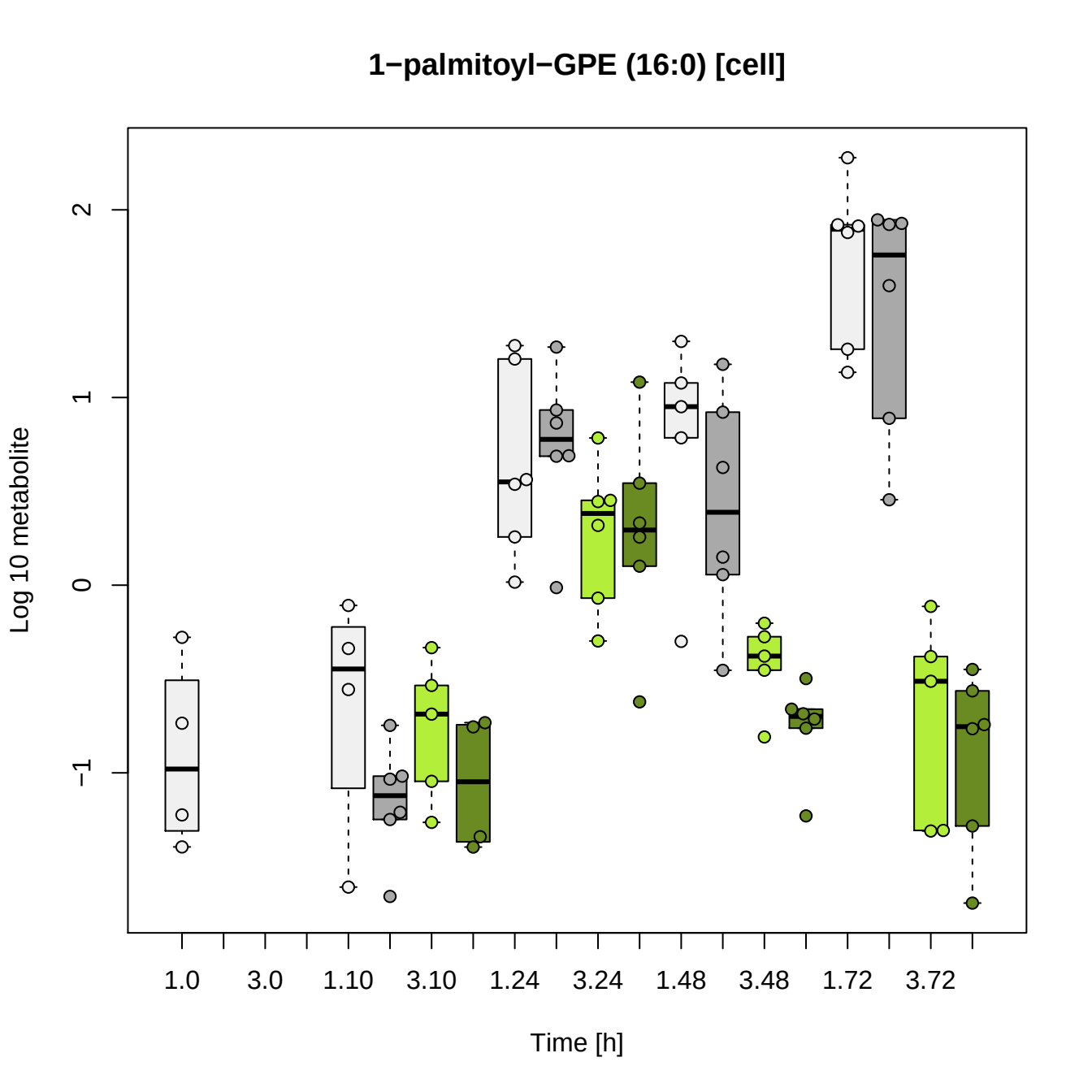

1,2−dioleoyl−GPI (18:1/18:1) [cell]
Log 10 metabolite
2
1
0
−1
−2
−3
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

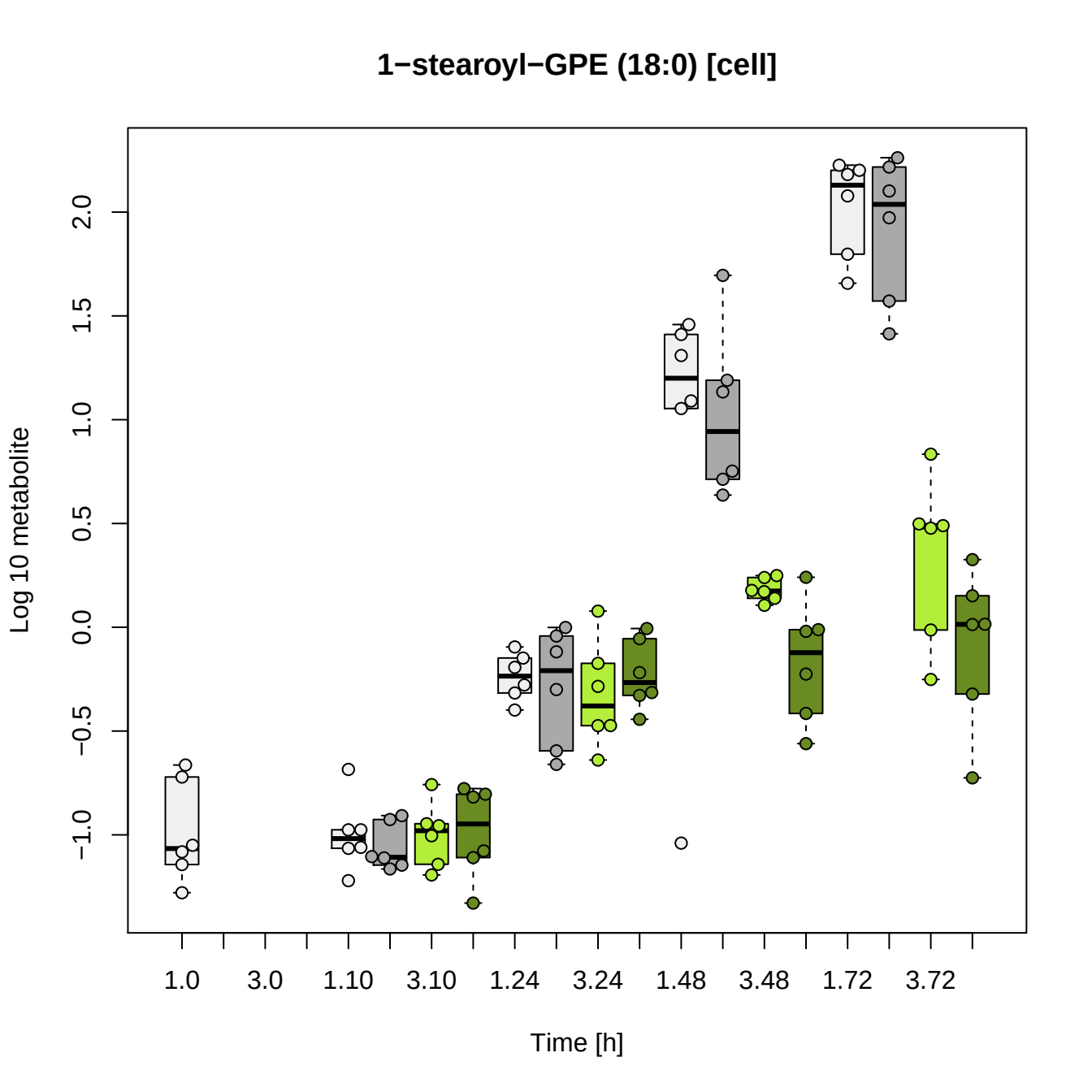

1−(1−enyl−palmitoyl)−GPE (P−16:0)* [cell]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

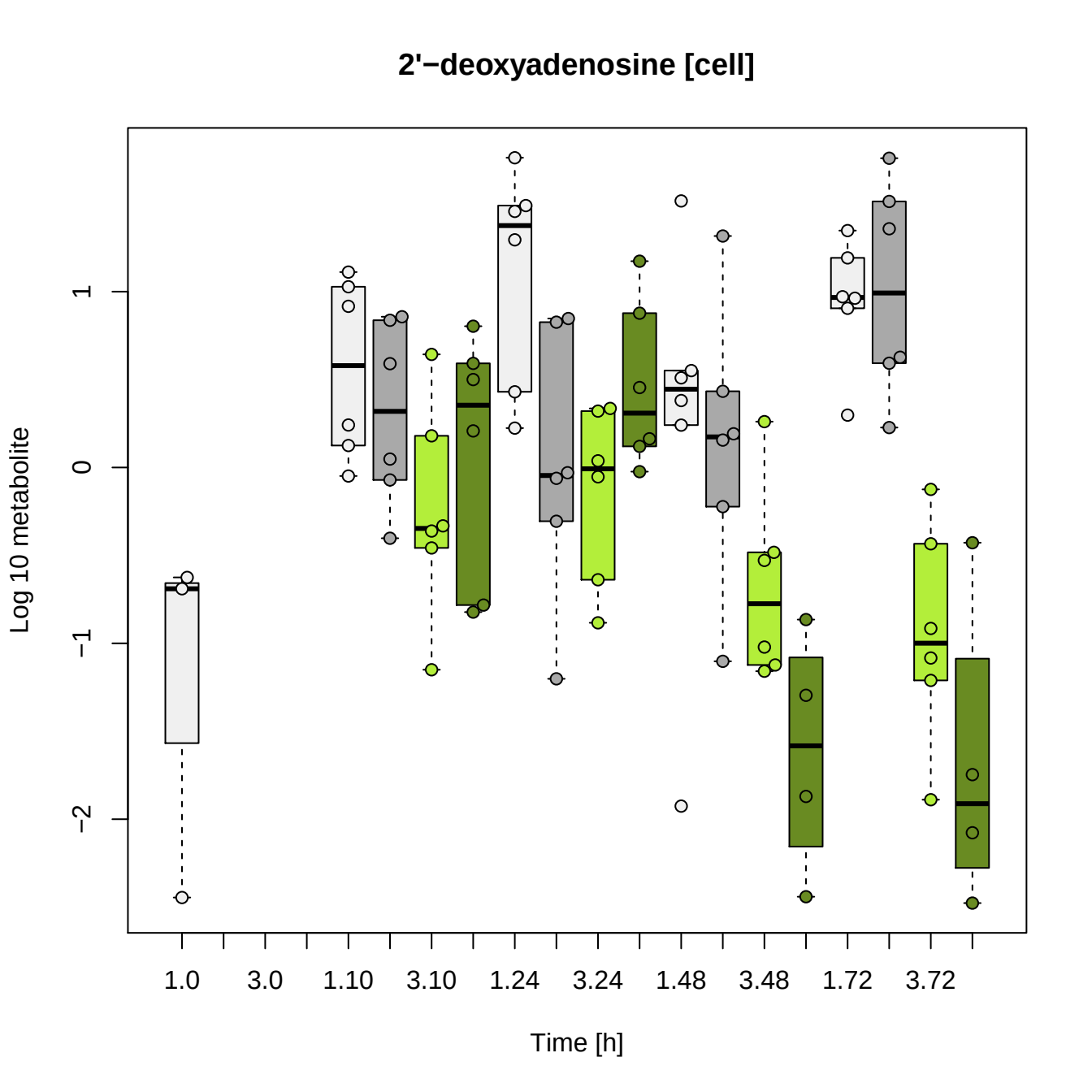

1−(1−enyl−stearoyl)−GPE (P−18:0)* [cell]
Log 10 metabolite
2
1
0
−1
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

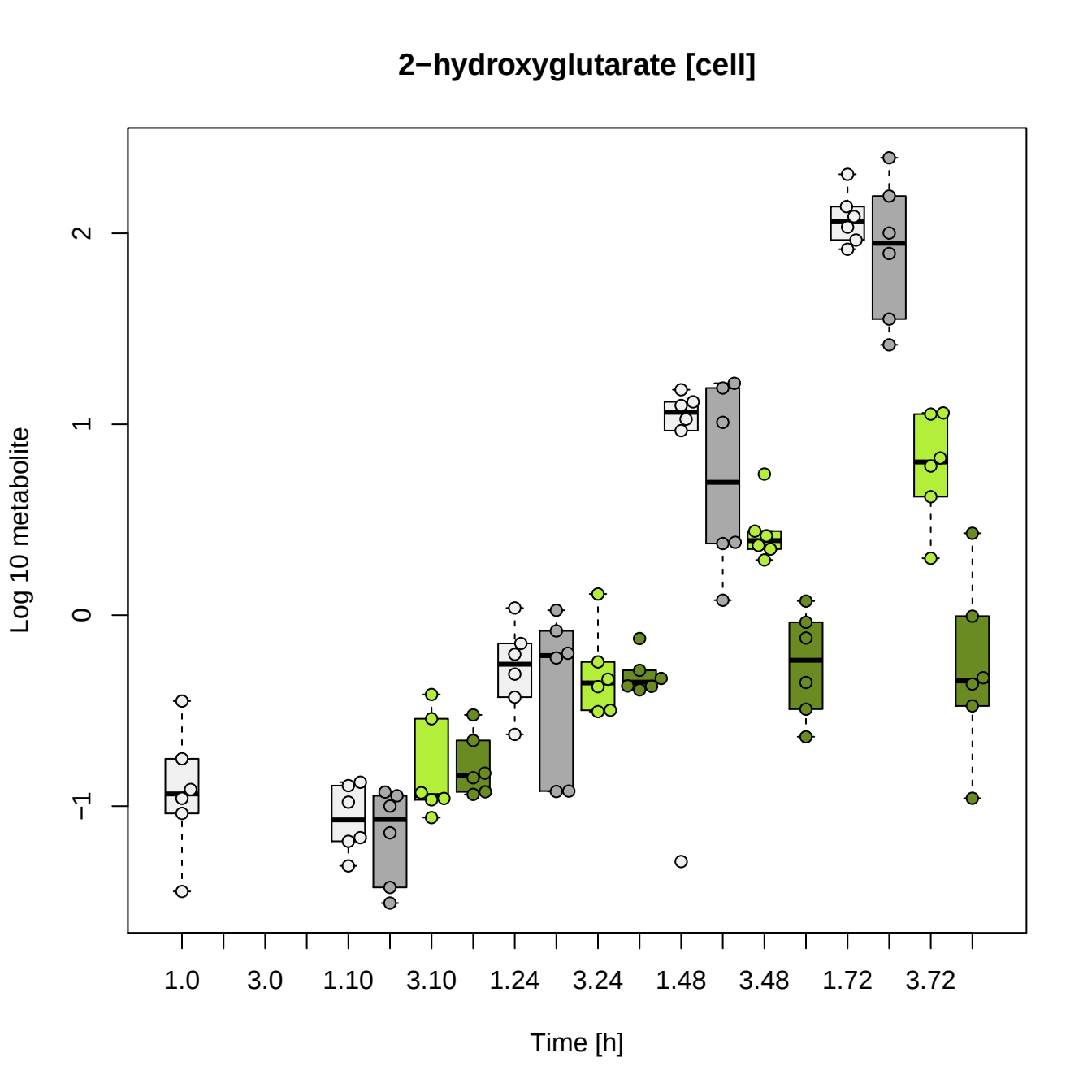

1−methylhistidine [cell]
Log 10 metabolite
2
1
0
−1
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

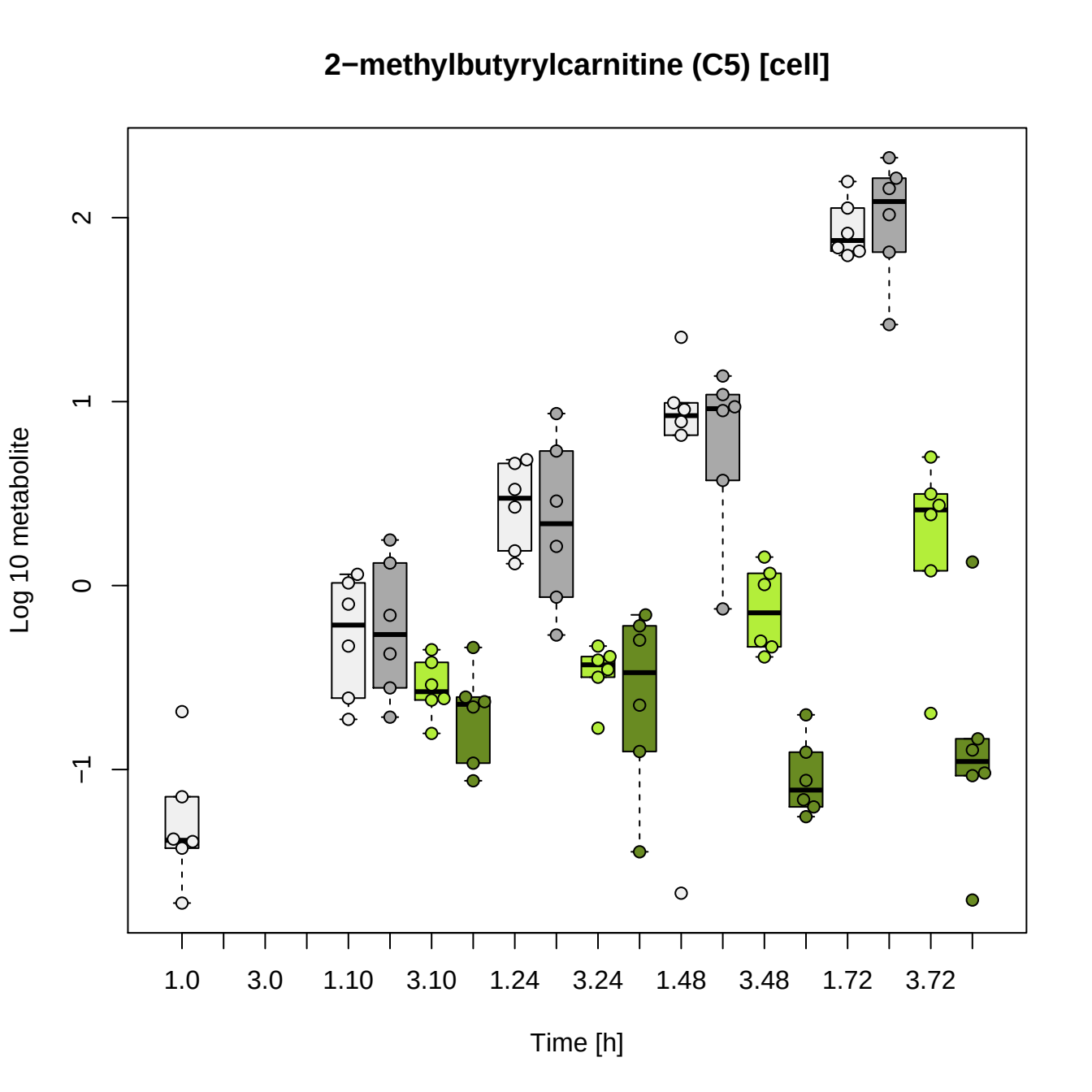

1−oleoyl−GPI (18:1)* [cell]
Log 10 metabolite
2
1
0
−1
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

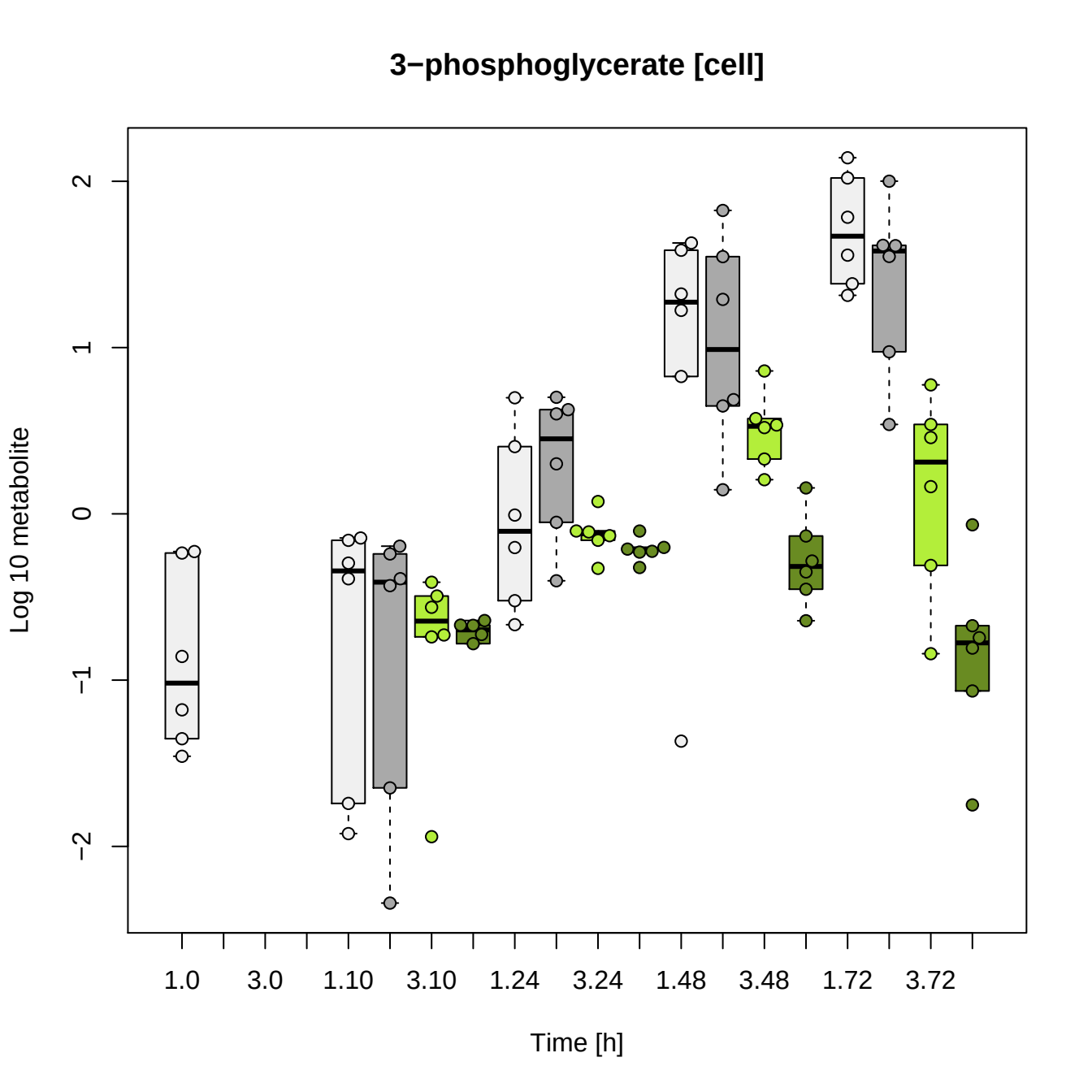

1−palmitoyl−GPE (16:0) [cell]
Log 10 metabolite
2
1
0
−1
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

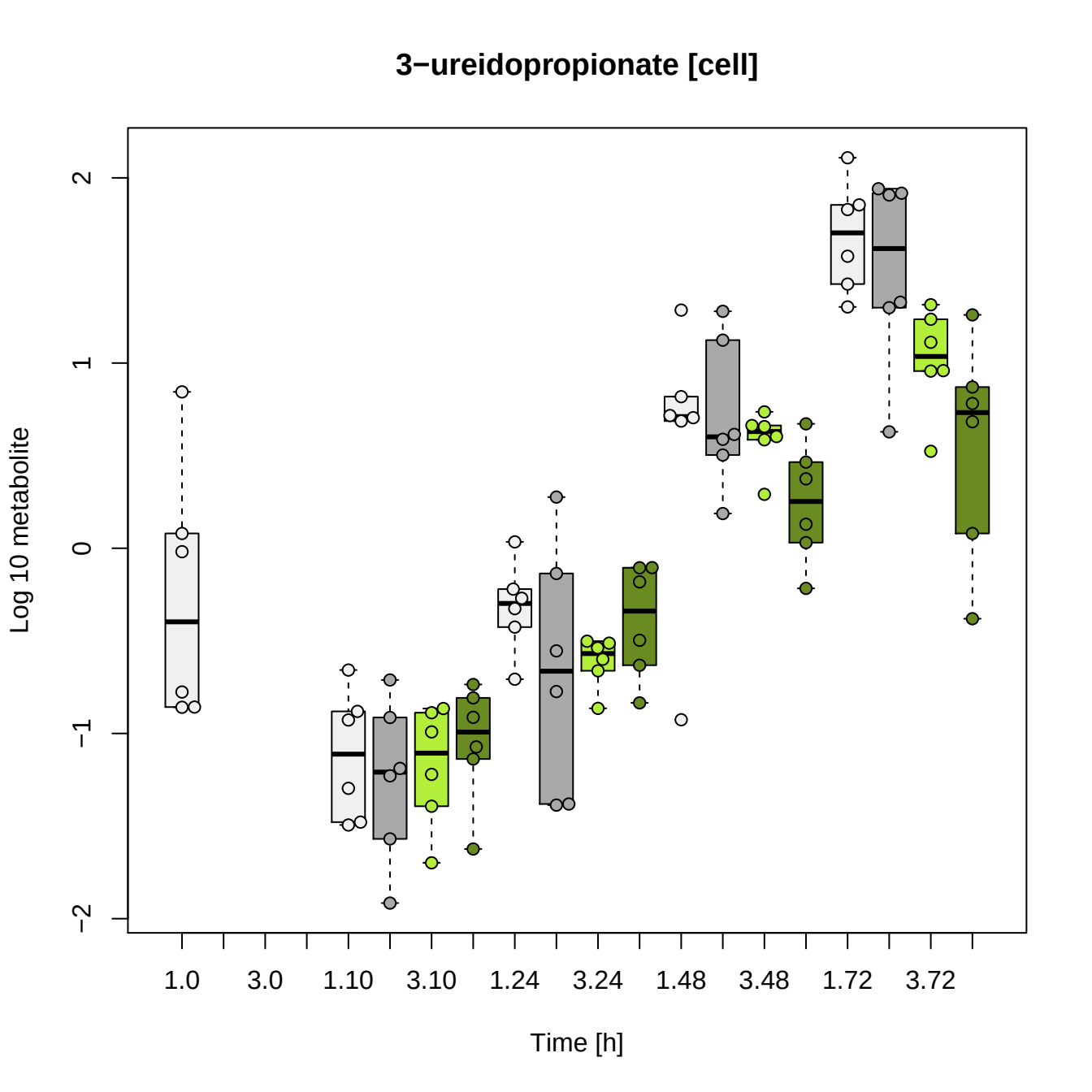

1−stearoyl−GPE (18:0) [cell]
Log 10 metabolite
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

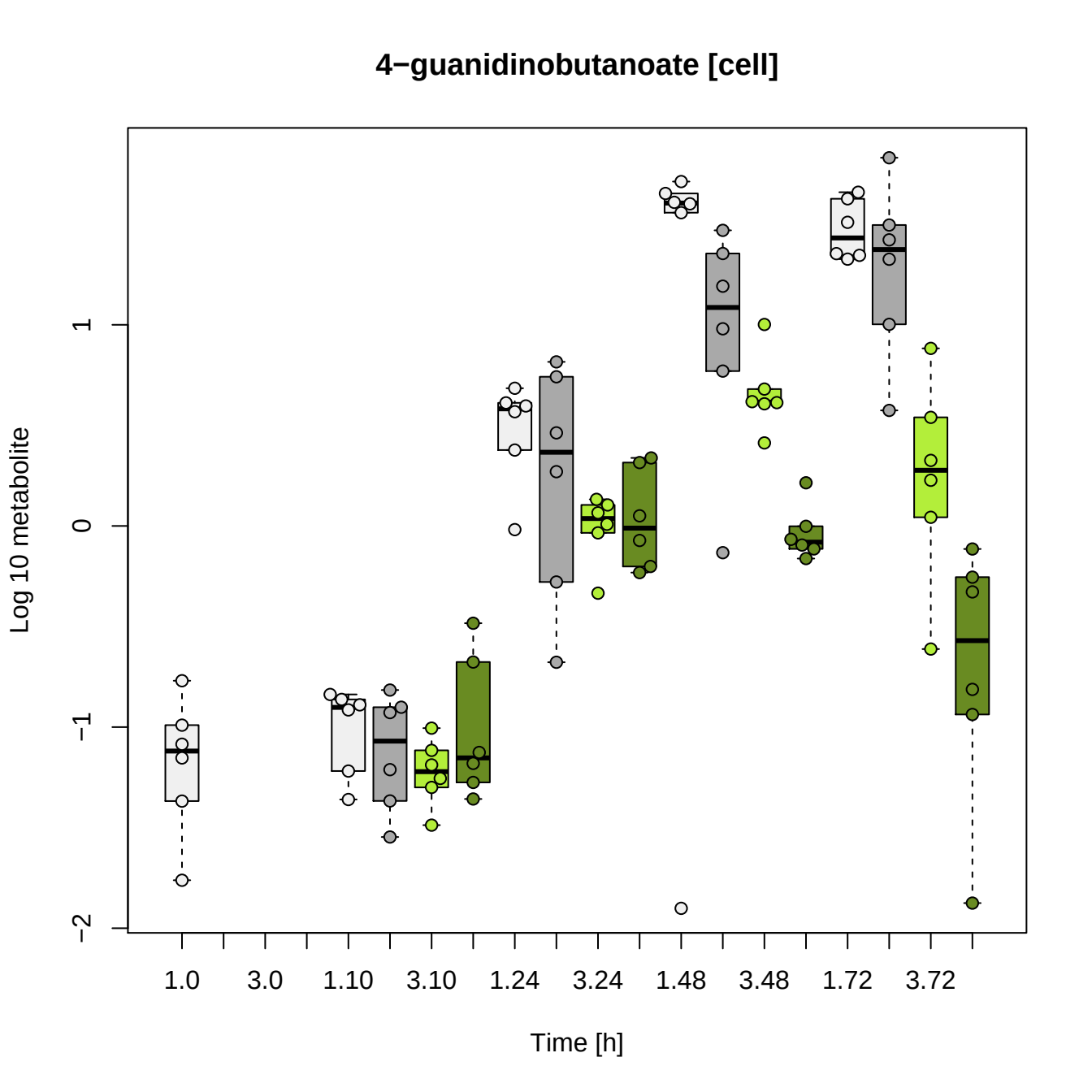

2'−deoxyadenosine [cell]
Log 10 metabolite
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

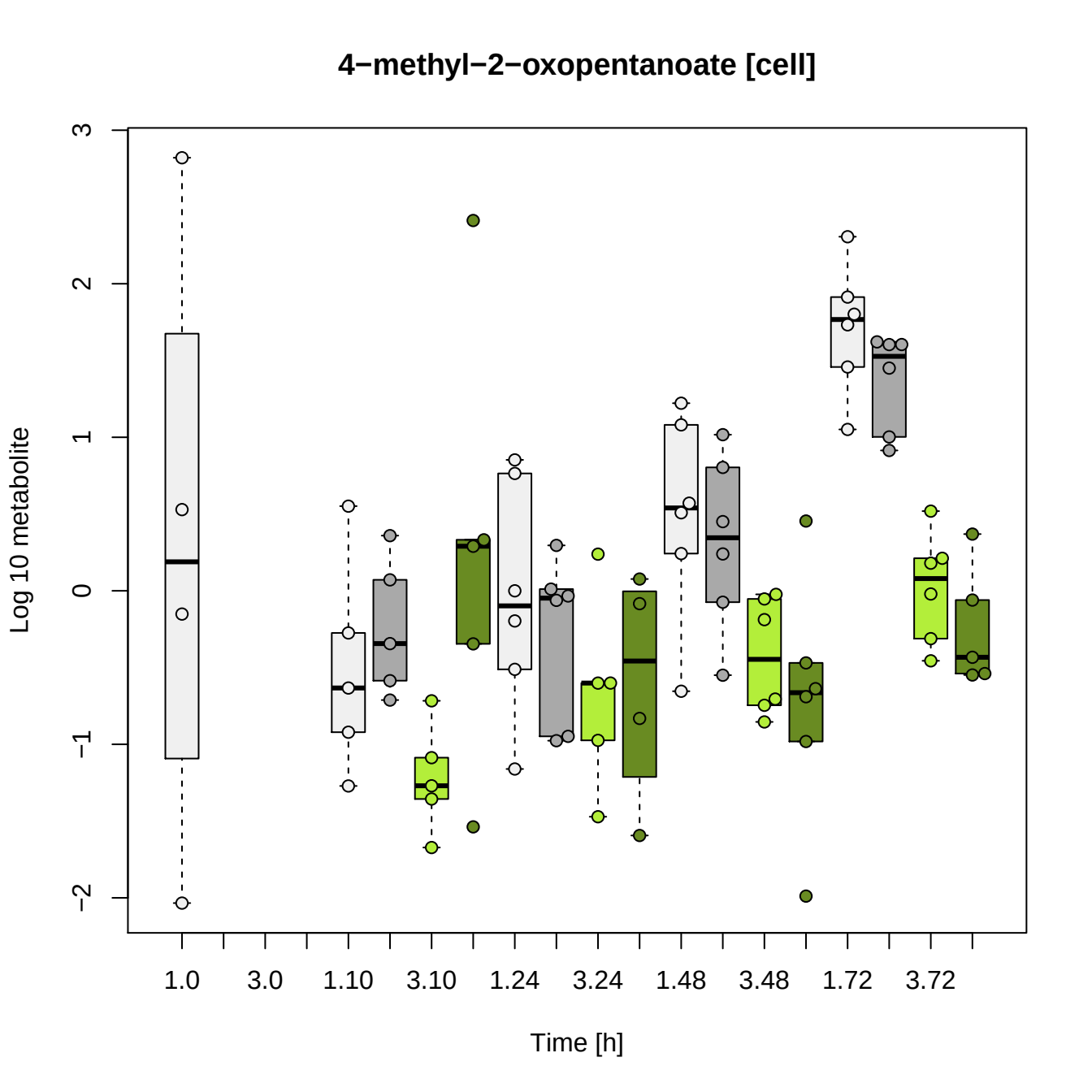

2−hydroxyglutarate [cell]
Log 10 metabolite
2
1
0
−1
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

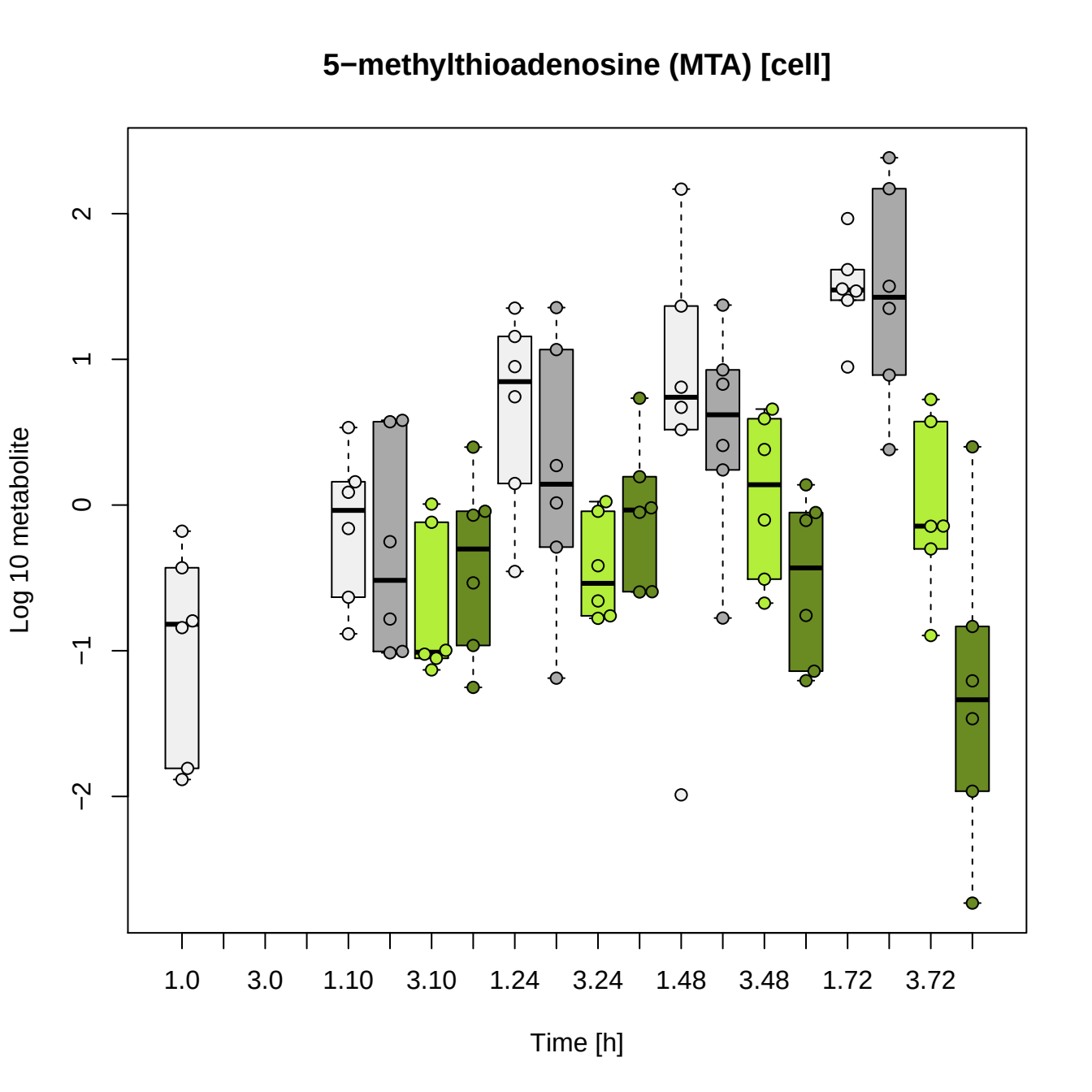

2−methylbutyrylcarnitine (C5) [cell]
Log 10 metabolite
2
1
0
−1
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

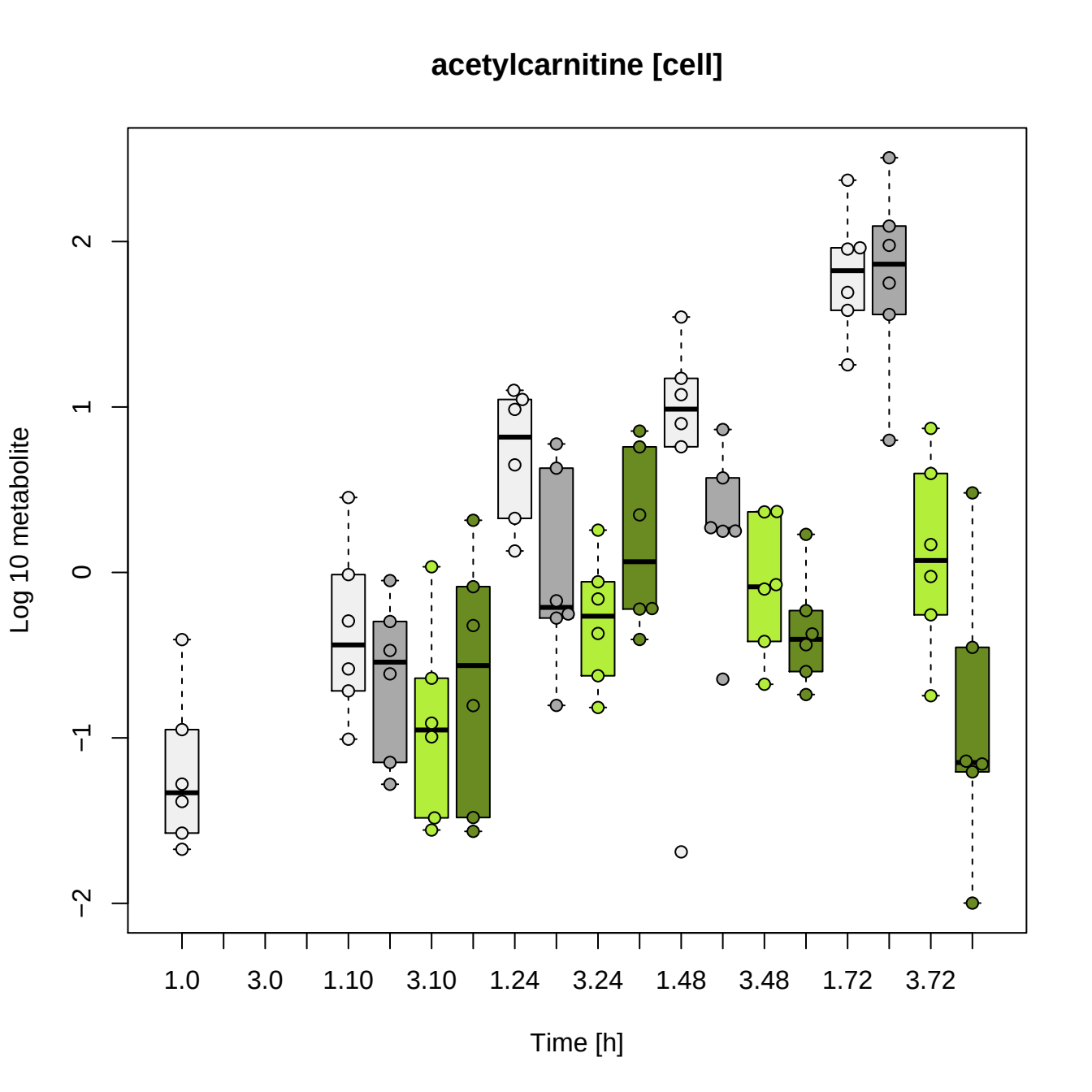

3−phosphoglycerate [cell]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

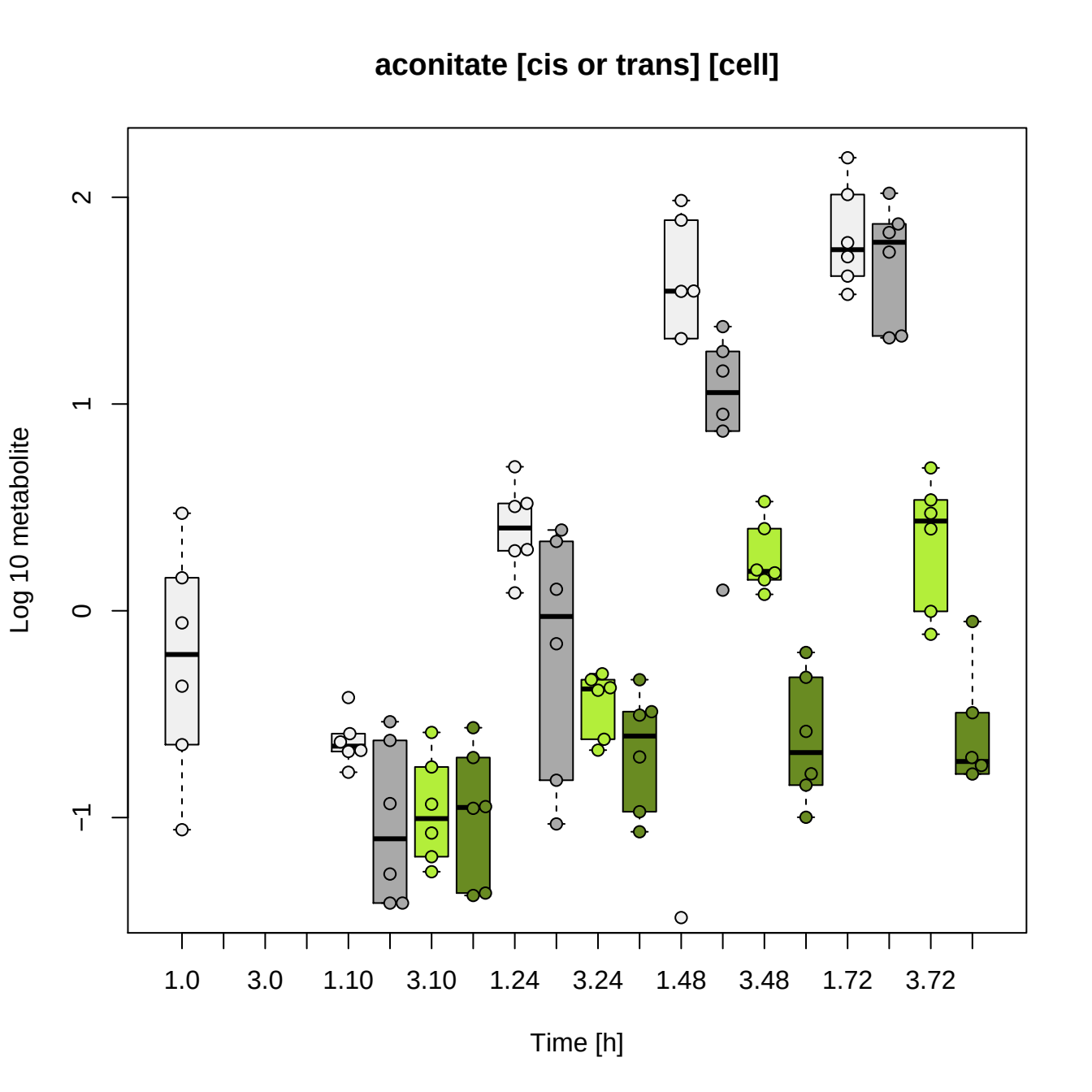

3−ureidopropionate [cell]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

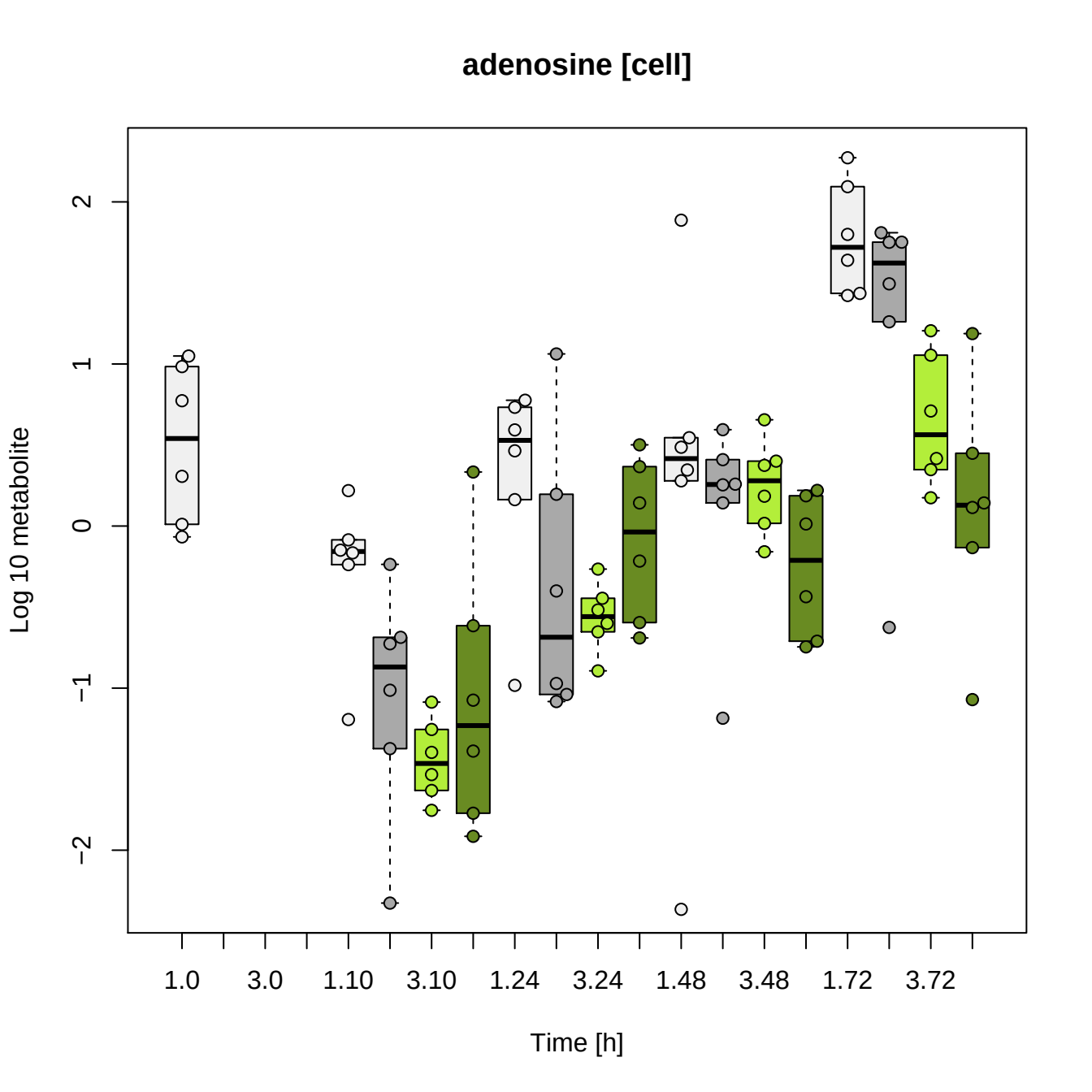

4−guanidinobutanoate [cell]
Log 10 metabolite
−2
−1
0
1
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

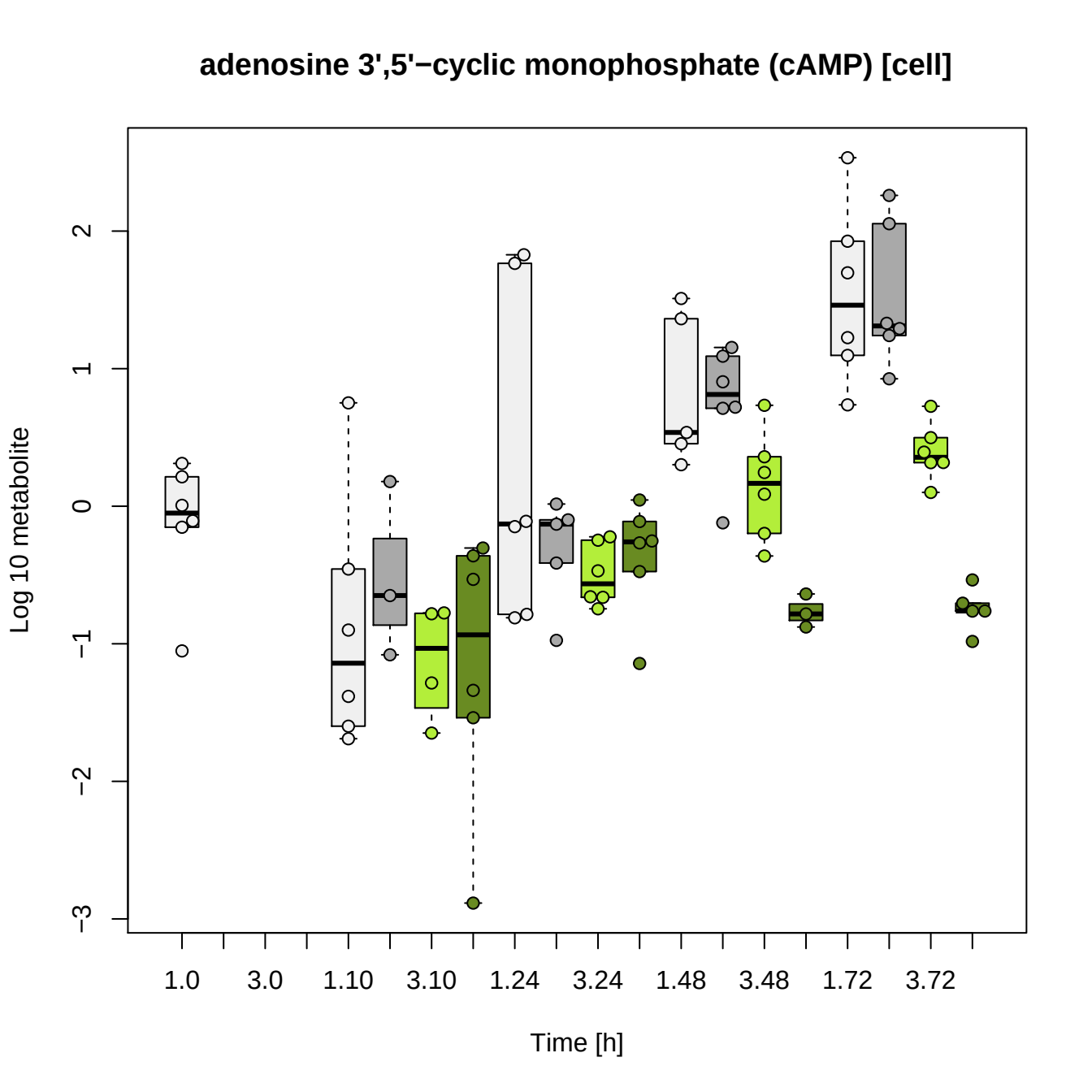

4−methyl−2−oxopentanoate [cell]
Log 10 metabolite
3
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

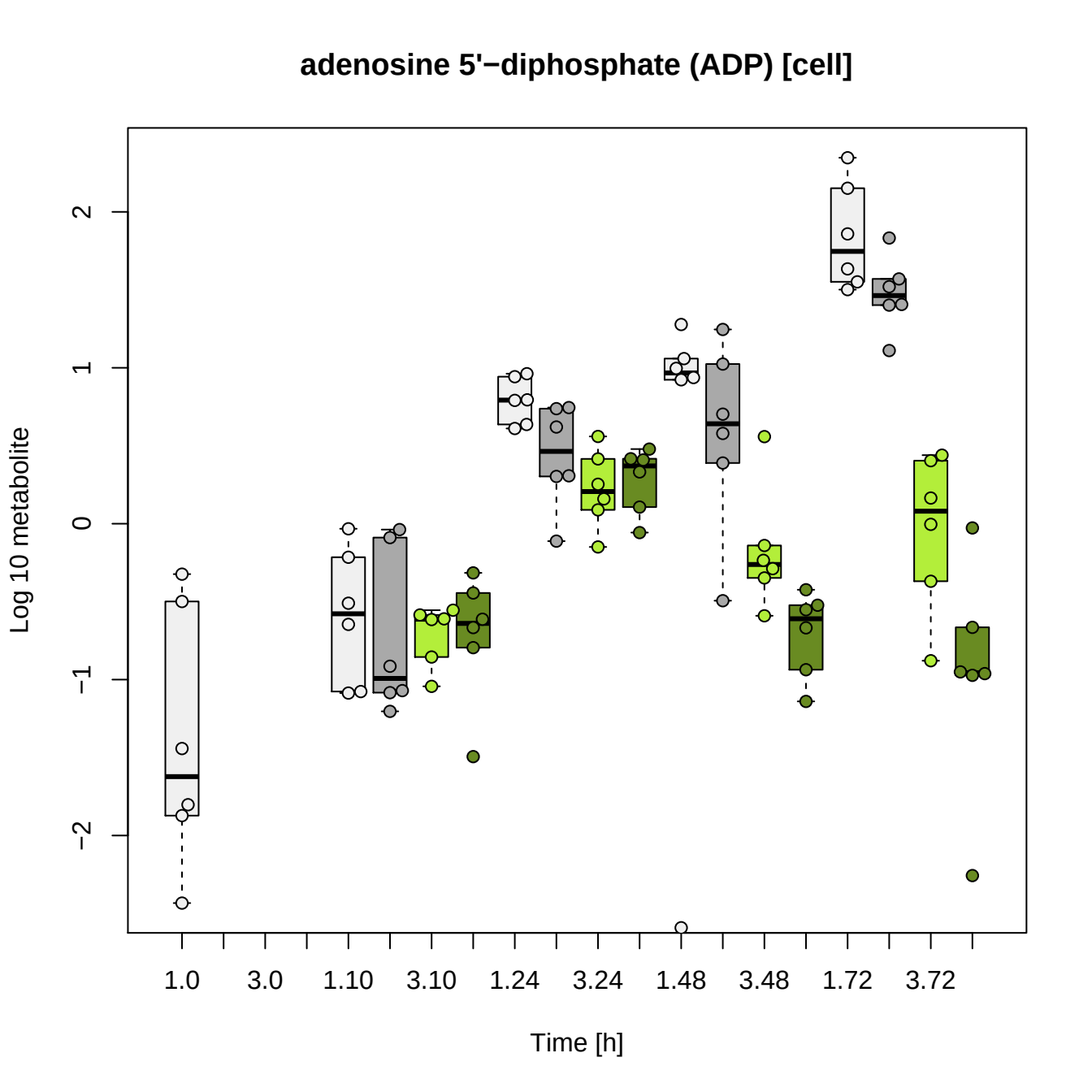

5−methylthioadenosine (MTA) [cell]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

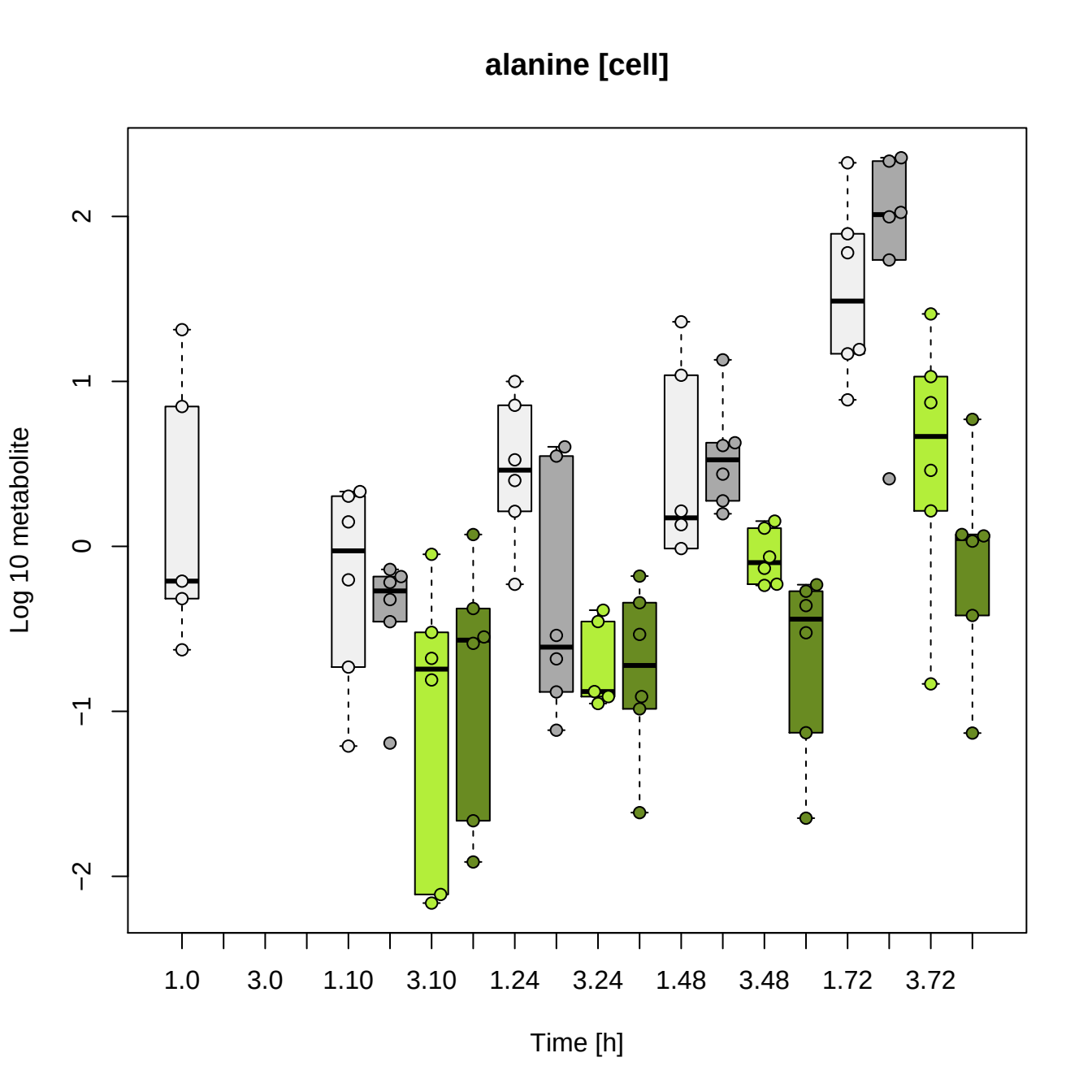

acetylcarnitine [cell]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

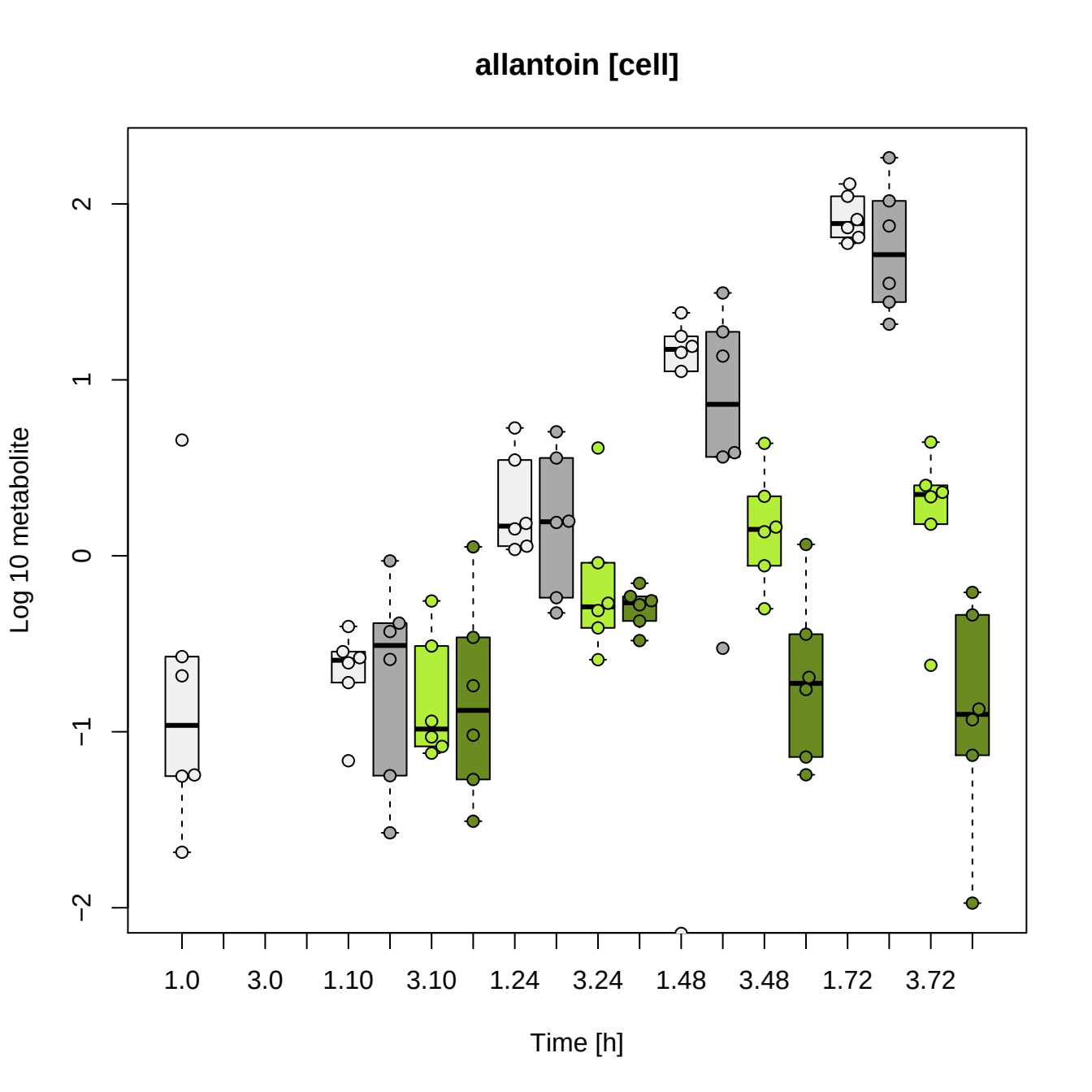

aconitate [cis or trans] [cell]
Log 10 metabolite
2
1
0
−1
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

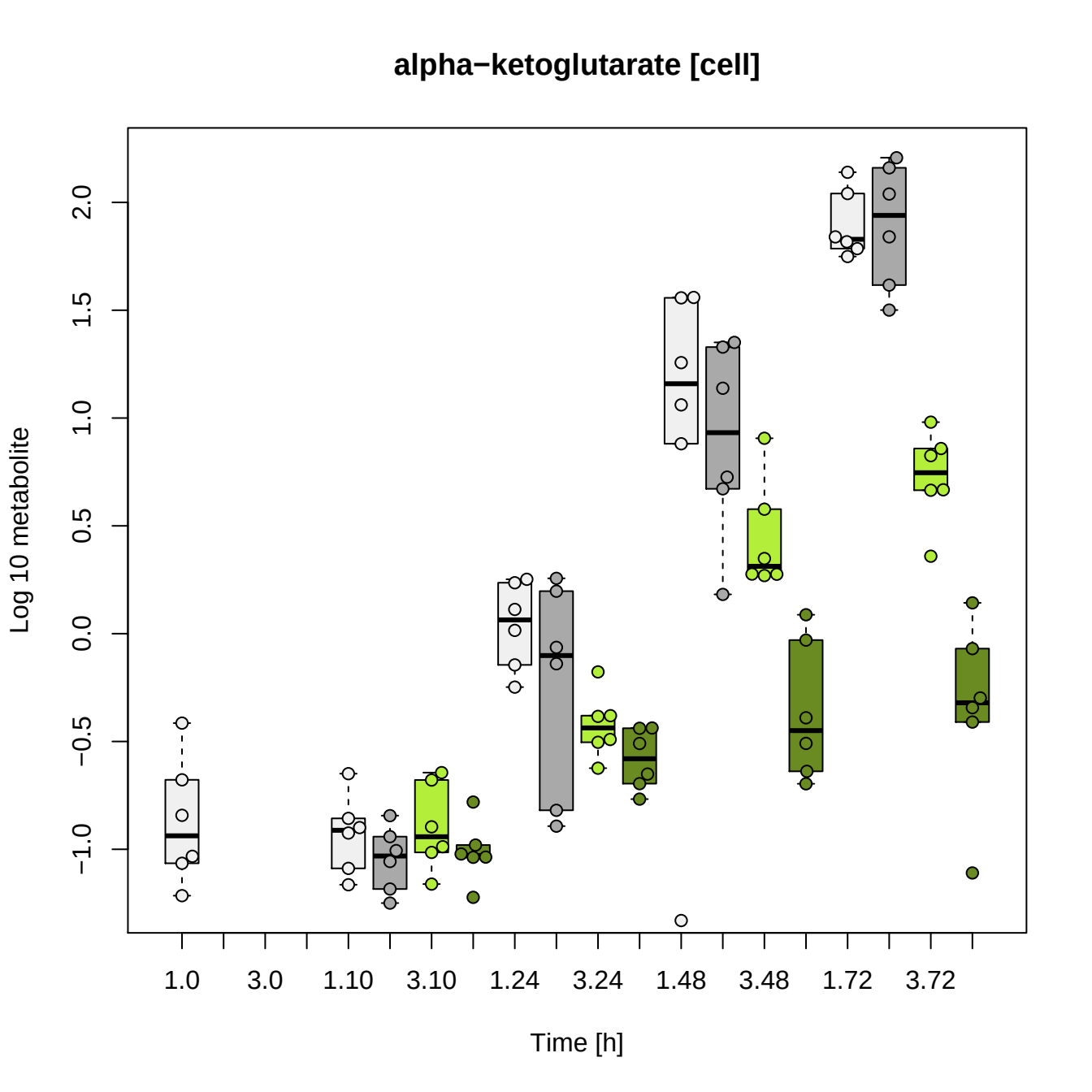

adenosine [cell]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

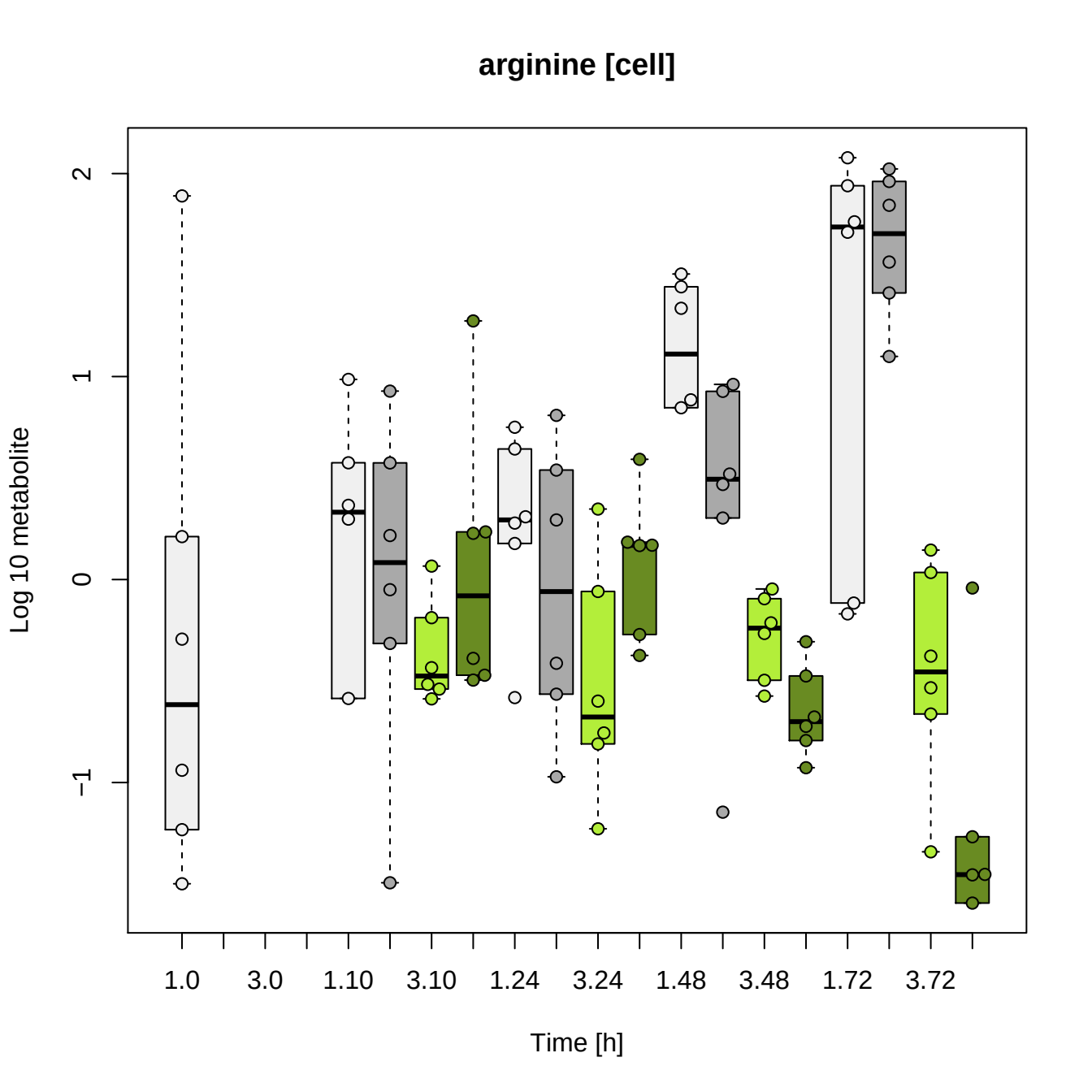

adenosine 3',5'−cyclic monophosphate (cAMP) [cell]
Log 10 metabolite
2
1
0
−1
−2
−3
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

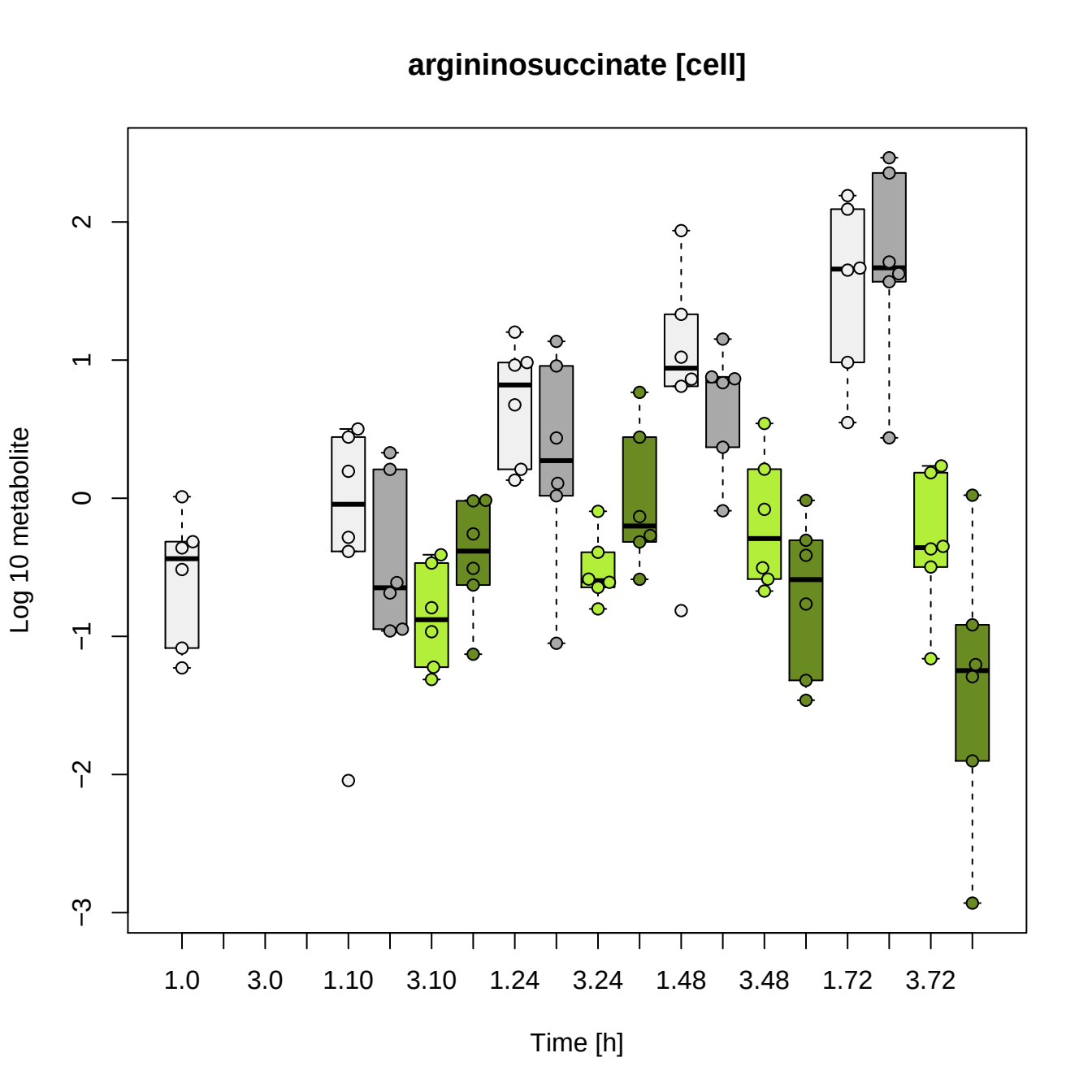

adenosine 5'−diphosphate (ADP) [cell]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

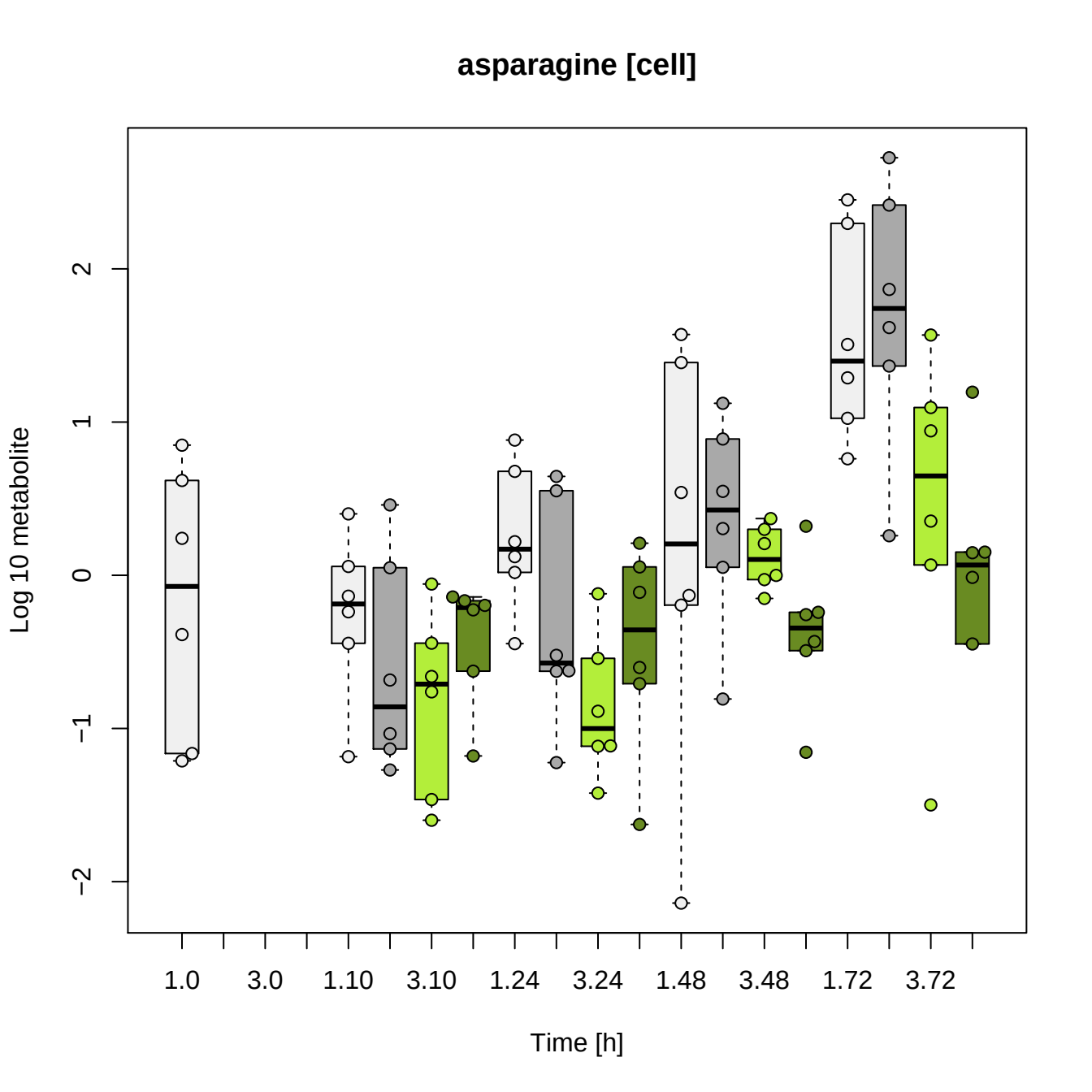

alanine [cell]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

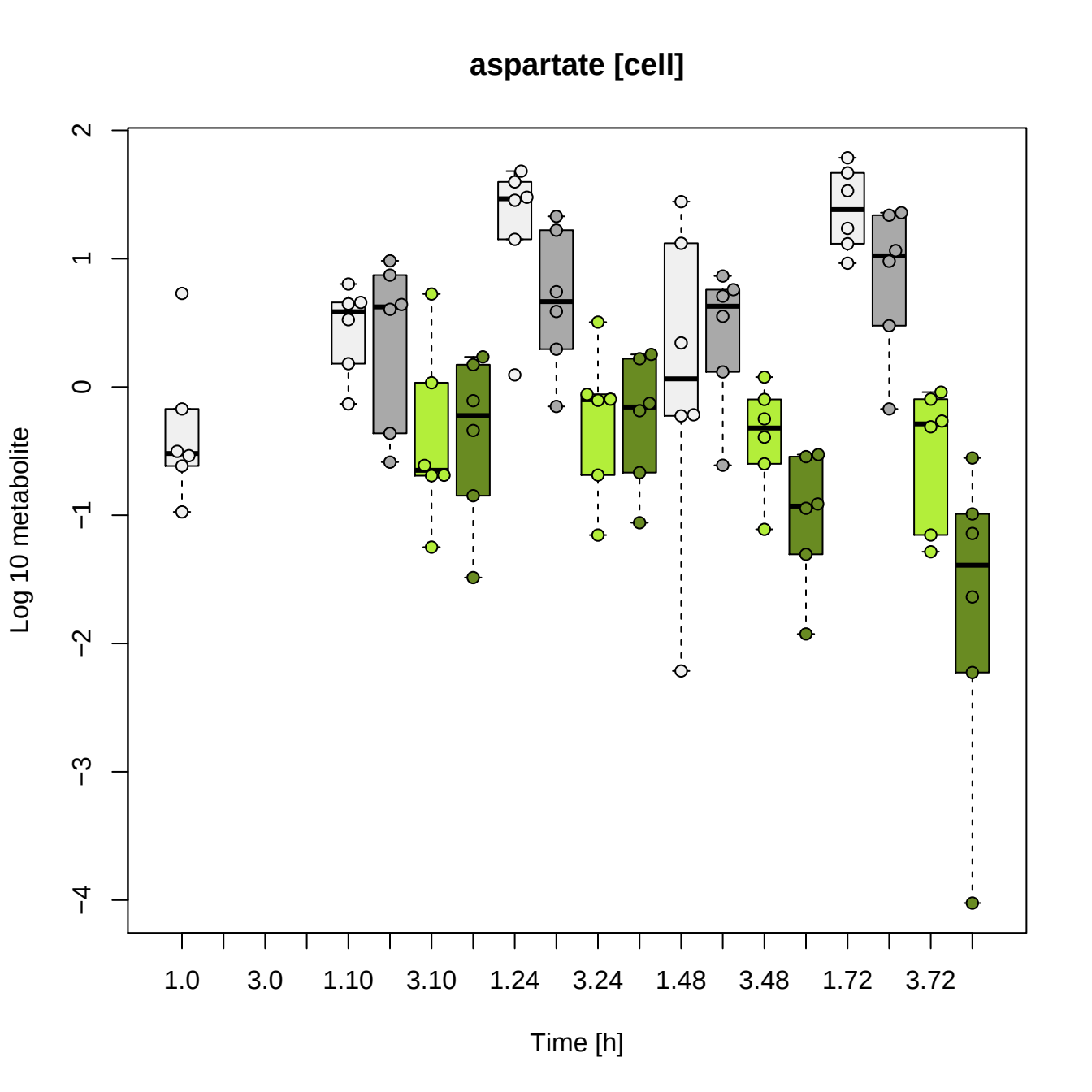

allantoin [cell]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

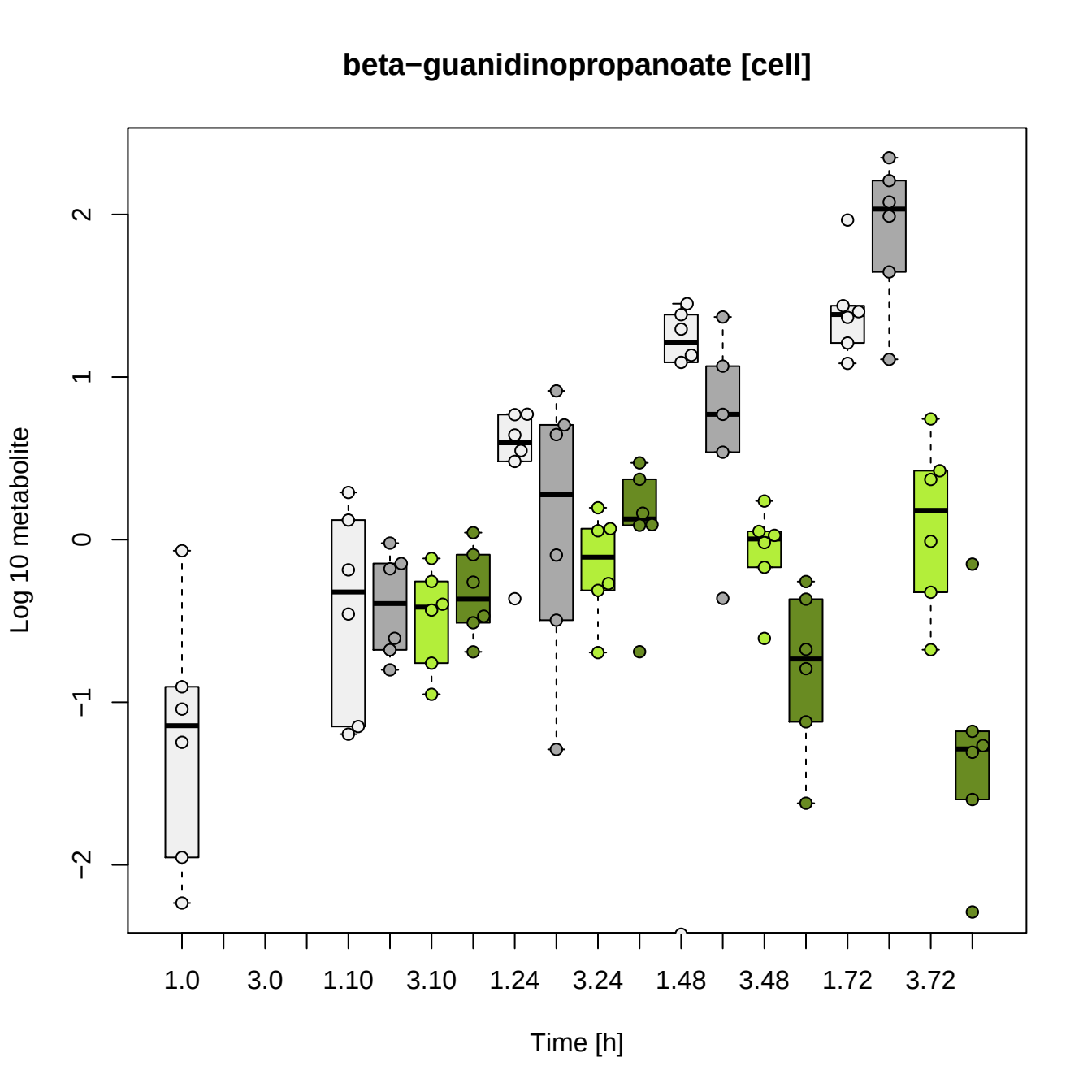

alpha−ketoglutarate [cell]
Log 10 metabolite
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

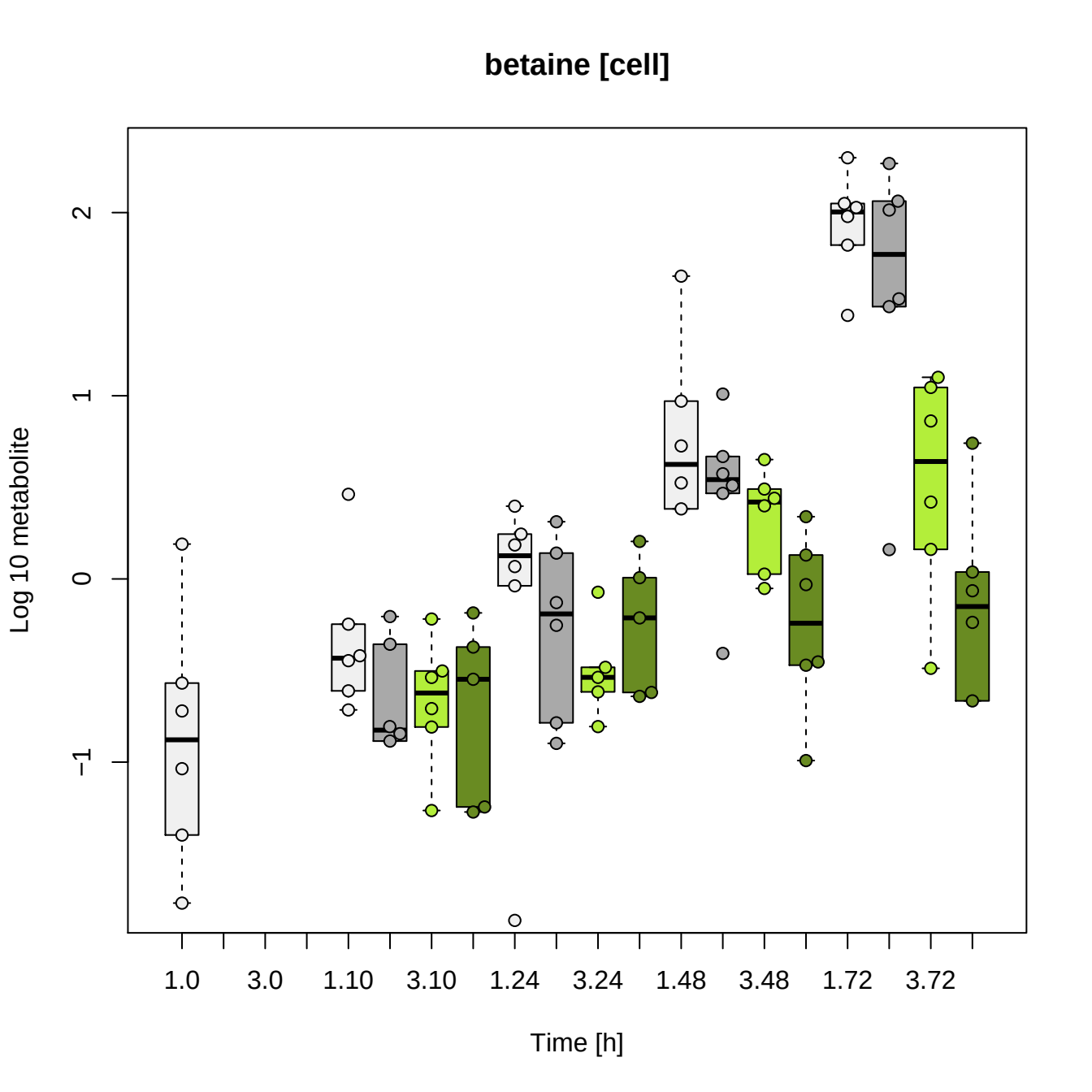

arginine [cell]
Log 10 metabolite
2
1
0
−1
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

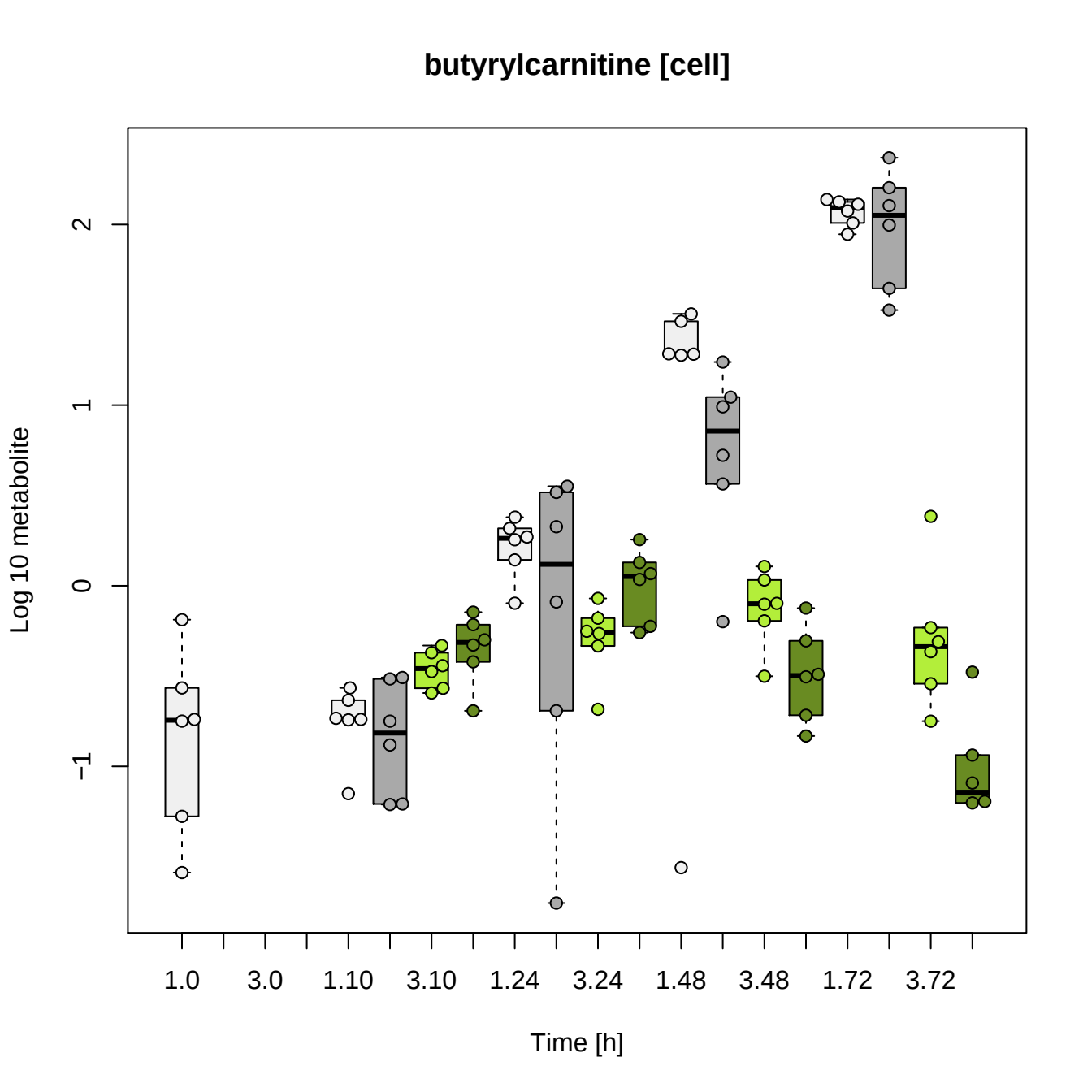

argininosuccinate [cell]
Log 10 metabolite
2
1
0
−1
−2
−3
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

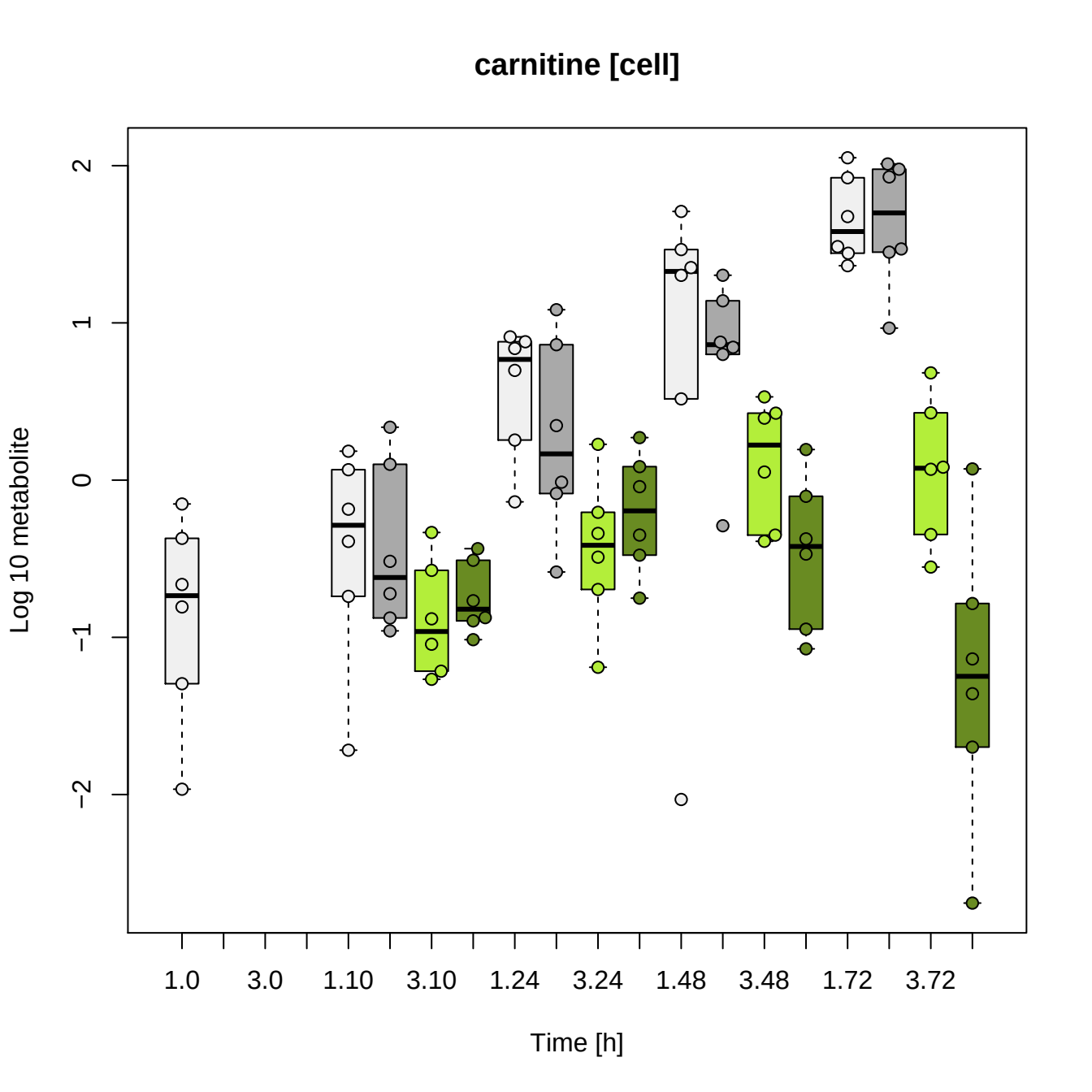

asparagine [cell]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]

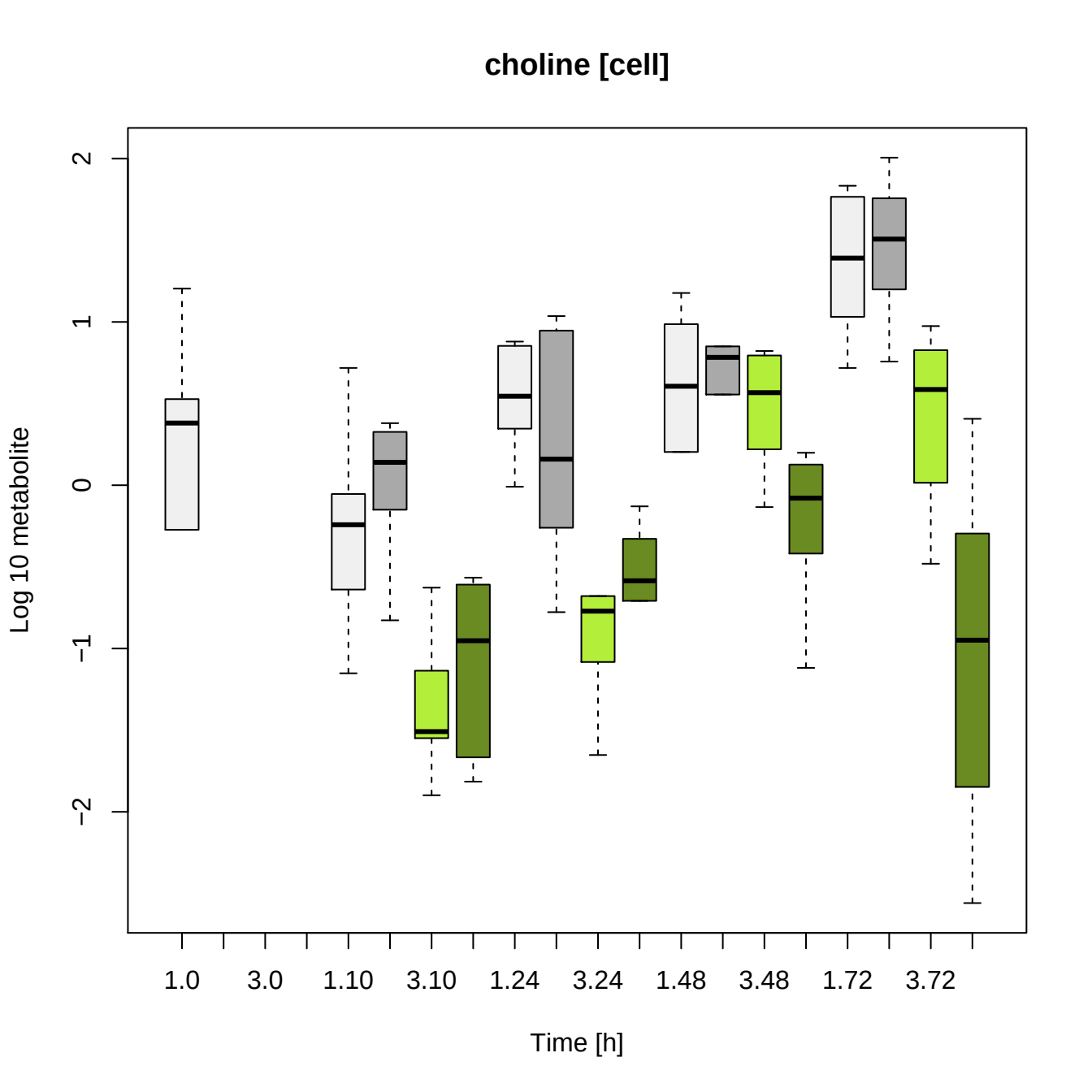

aspartate [cell]
Log 10 metabolite
2
1
0
−1
−2
−3
−4
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]


beta−guanidinopropanoate [cell]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]


betaine [cell]
Log 10 metabolite
2
1
0
−1
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]


butyrylcarnitine [cell]
Log 10 metabolite
2
1
0
−1
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]


carnitine [cell]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]


choline [cell]
Log 10 metabolite
2
1
0
−1
−2
1.0
3.0
1.10
3.10
1.24
3.24
1.48
3.48
1.72
3.72
Time [h]