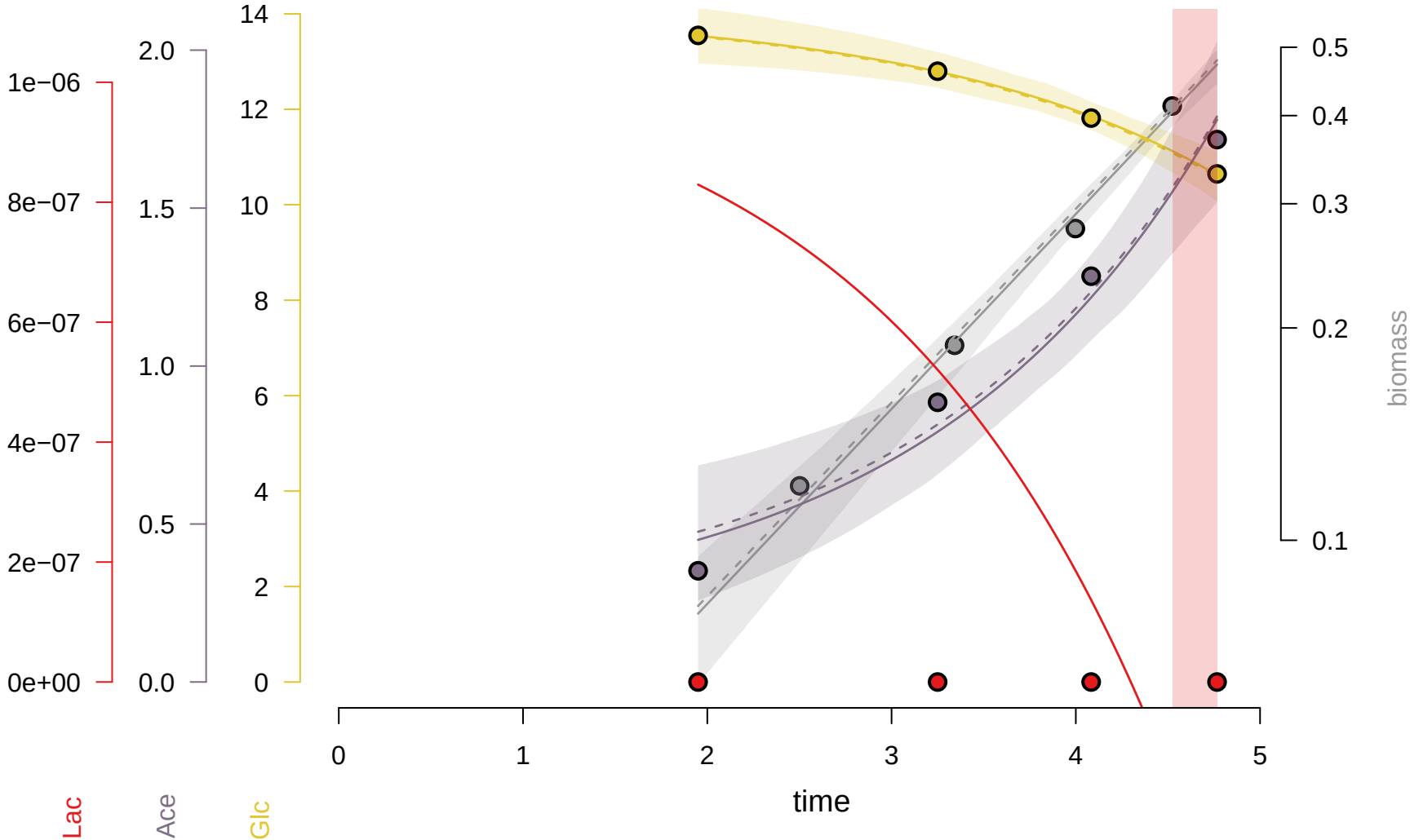
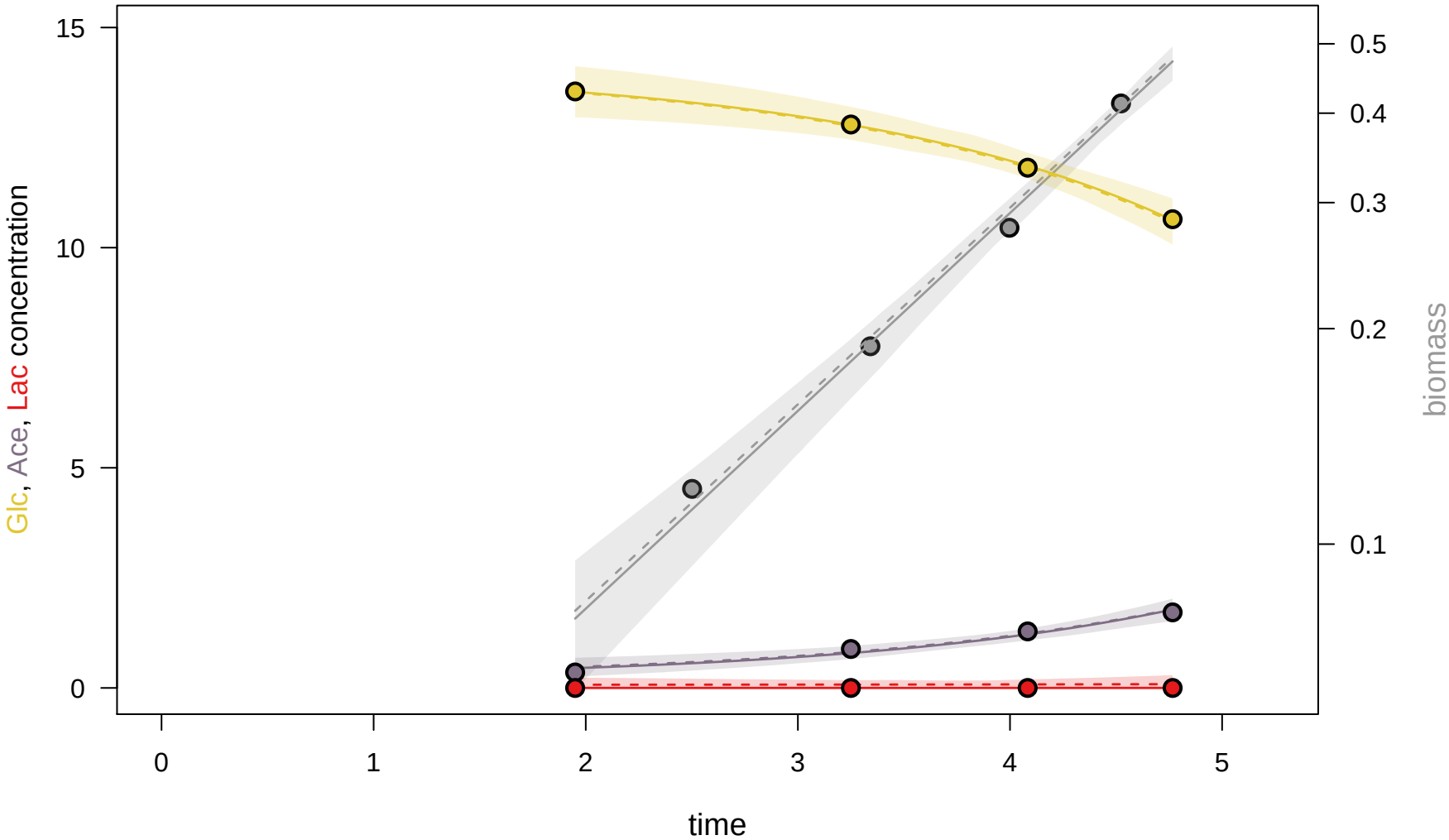
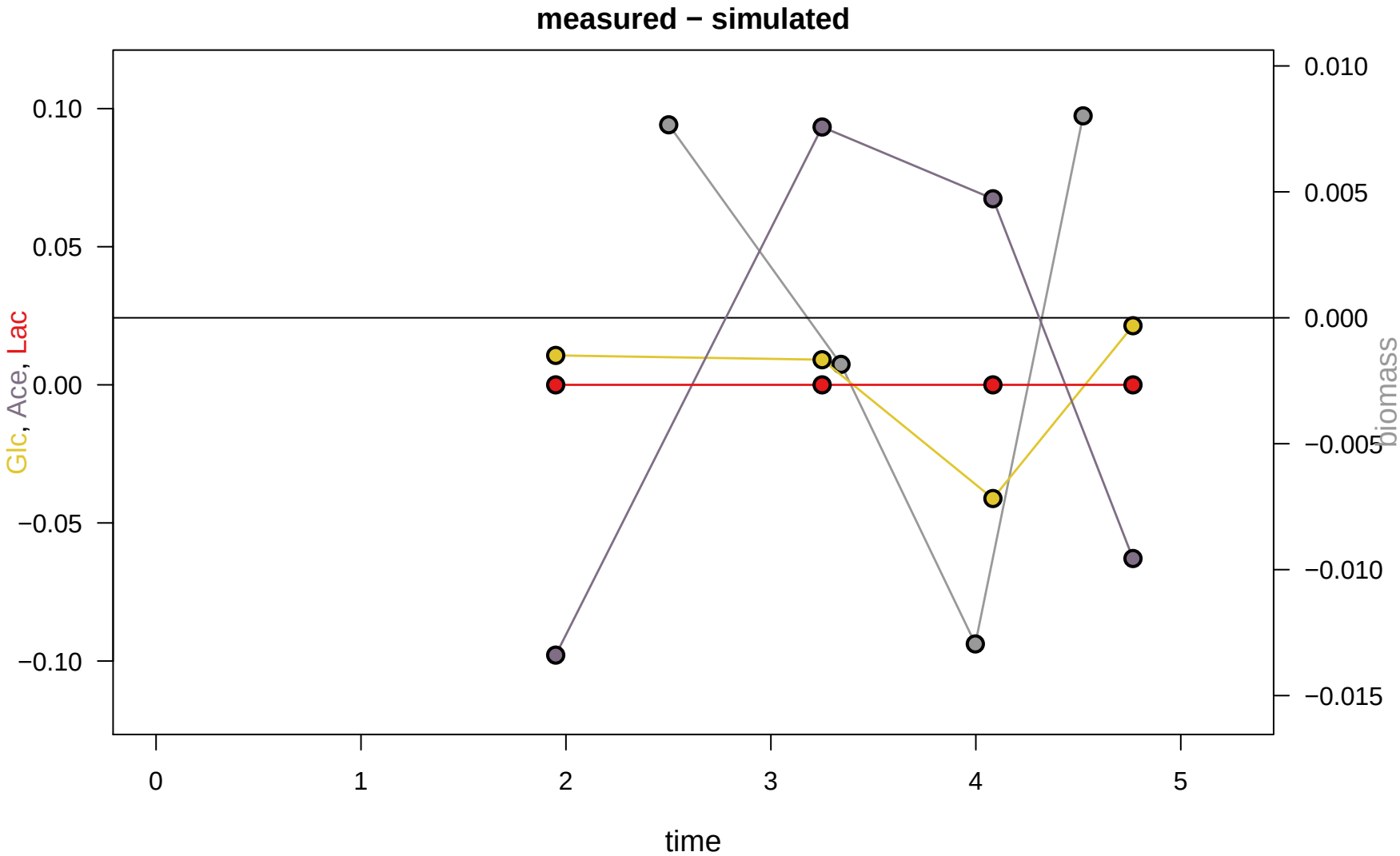

1e−06
8e−07
6e−07
4e−07
2e−07
0e+00
Lac
2.0
1.5
1.0
0.5
0.0
Ace
14
12
10
8
6
4
2
0
Glc
0
1
2
3
4
5
time
0.5
0.4
0.3
0.2
0.1
biomass


Glc, Ace, Lac concentration
15
10
5
0
0.5
0.4
0.3
0.2
0.1
biomass
0
1
2
3
4
5
time


measured − simulated
0.10
0.05
0.00
−0.05
−0.10
Glc, Ace, Lac
0.010
0.005
0.000
−0.005
−0.010
−0.015
biomass
0
1
2
3
4
5
time