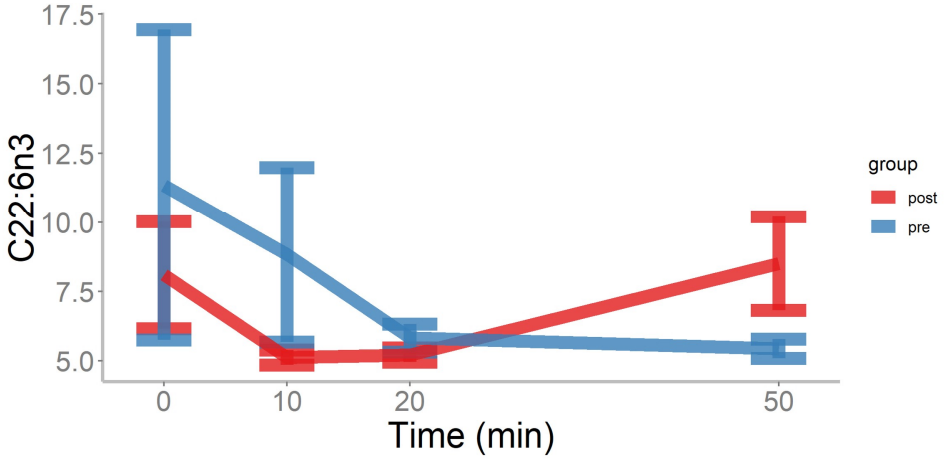
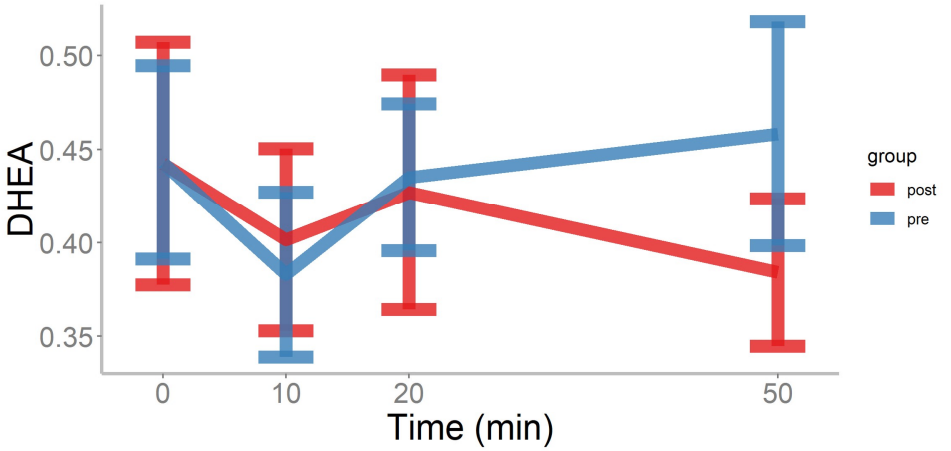

C22:6n3
17.5
15.0
12.5
10.0
7.5
5.0
0
10
20
50
Time (min)
group
post
pre


DHEA
0.50
0.45
0.40
0.35
0
10
20
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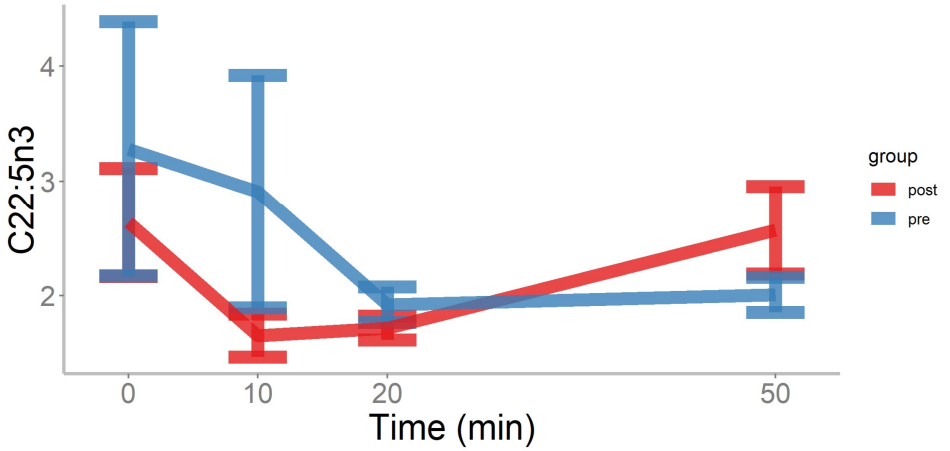
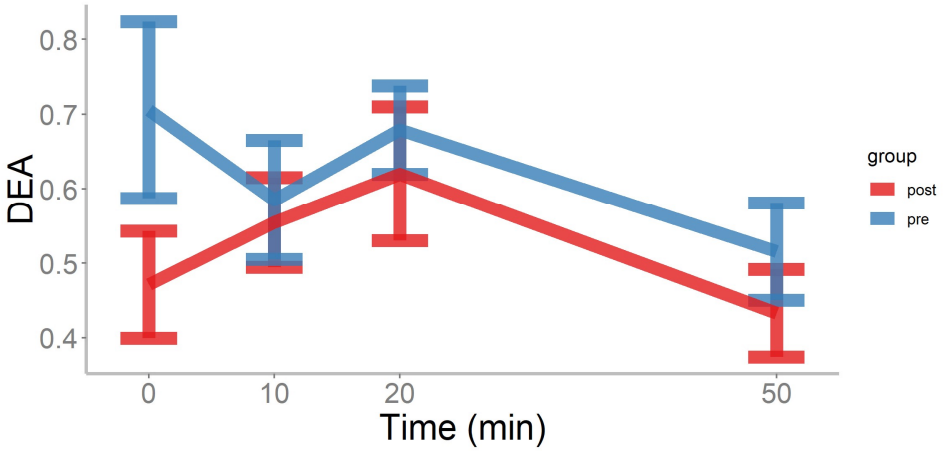
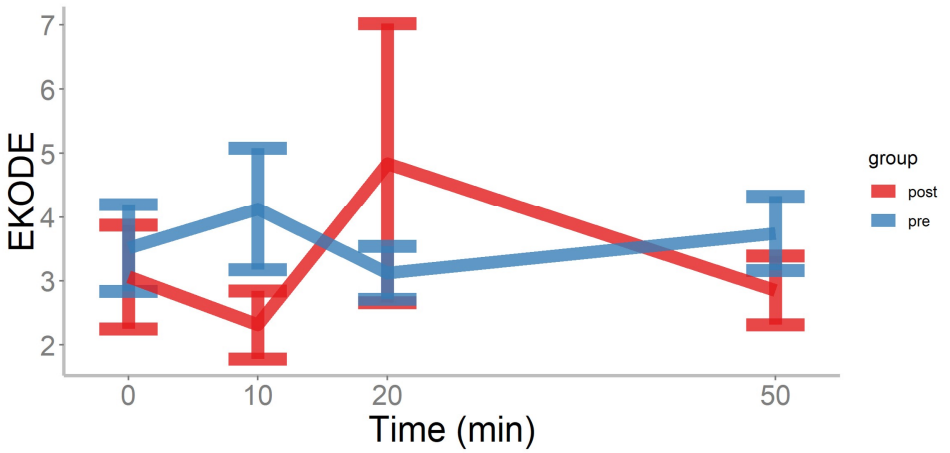
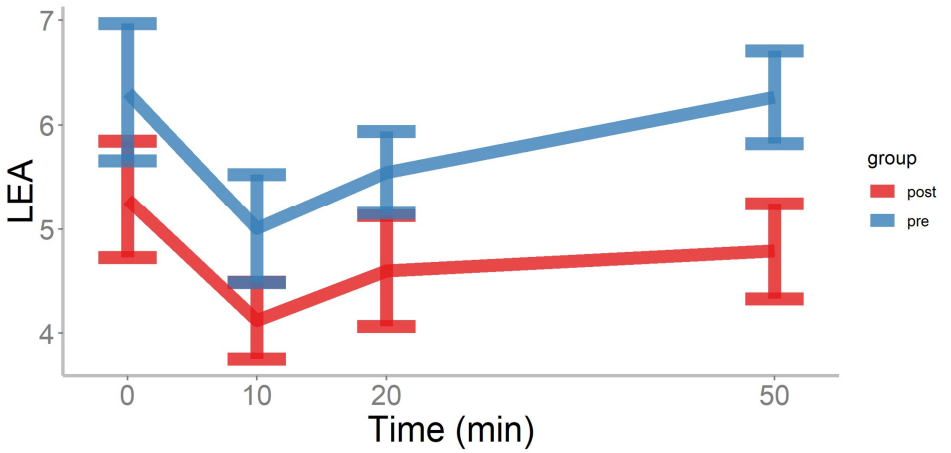
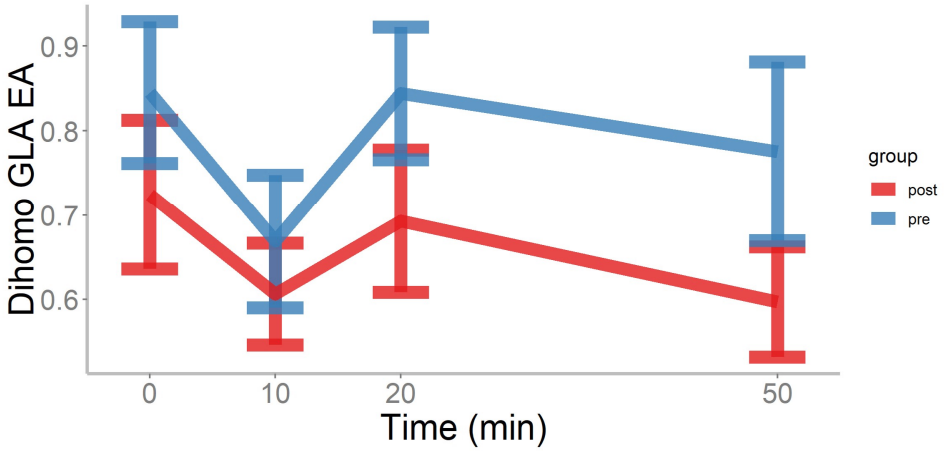
Time (min)
group
post
pre

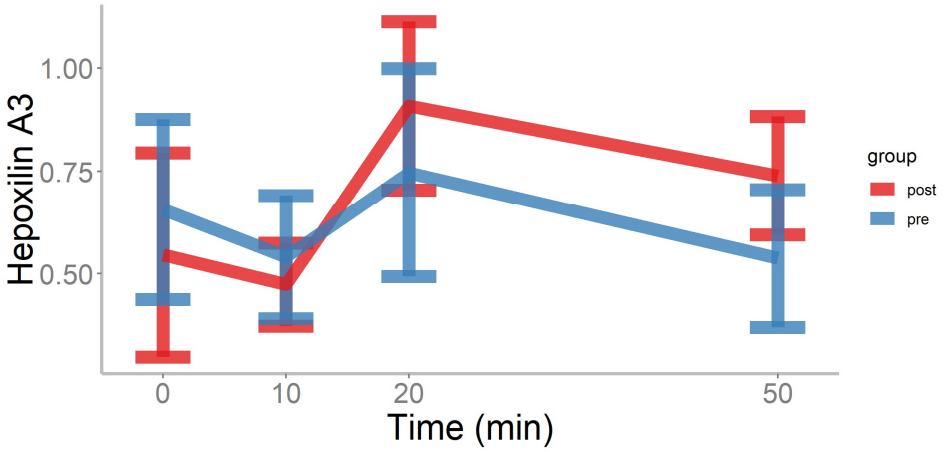

C22:5n3
4
3
2
0
10
20
50
Time (min)
group
post
pre

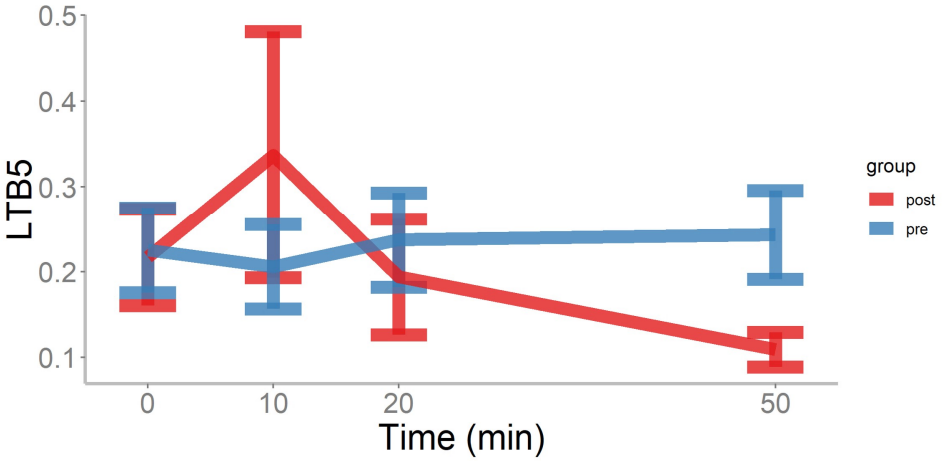

DEA
0.8
0.7
0.6
0.5
0.4
0
10
20
50
Time (min)
group
post
pre

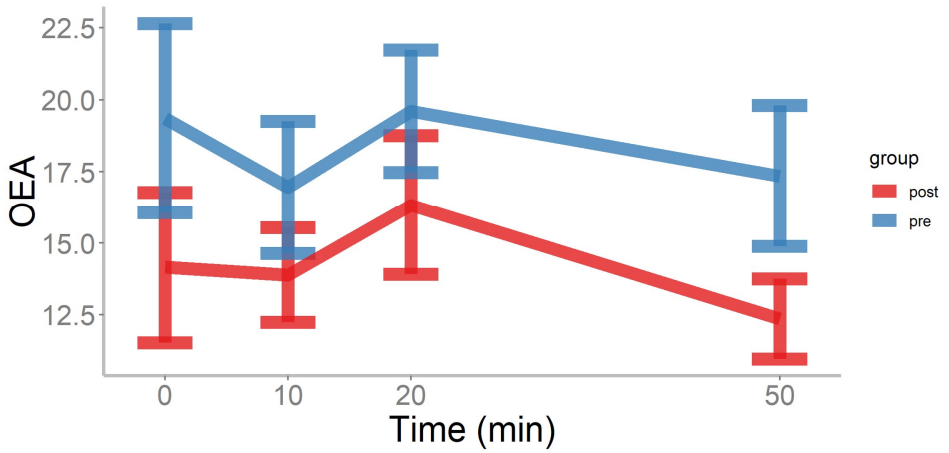

EKODE
7
6
5
4
3
2
0
10
20
50
Time (min)
group
post
pre

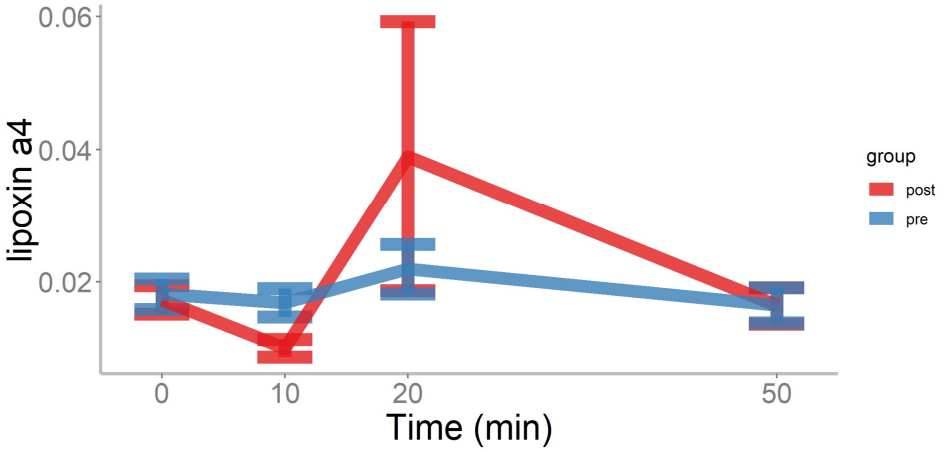

LEA
7
6
5
4
0
10
20
50
Time (min)
group
post
pre

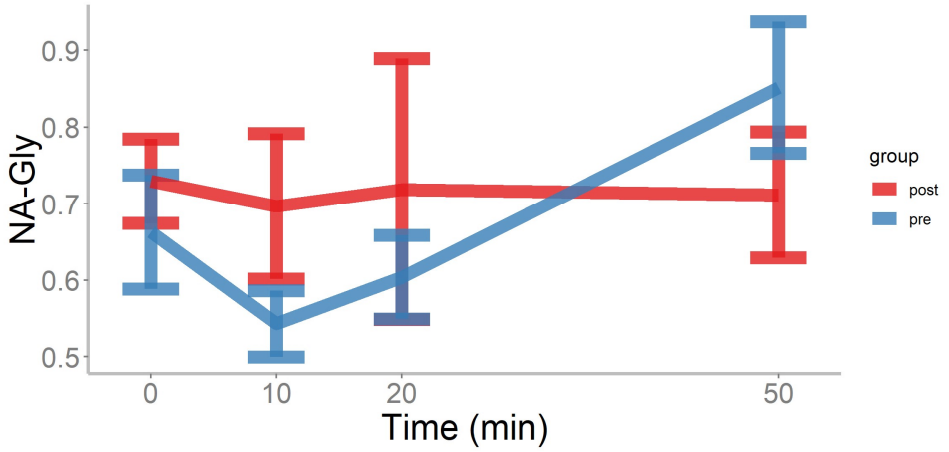

Dihomo GLA EA
0.9
0.8
0.7
0.6
0
10
20
50
Time (min)
group
post
pre

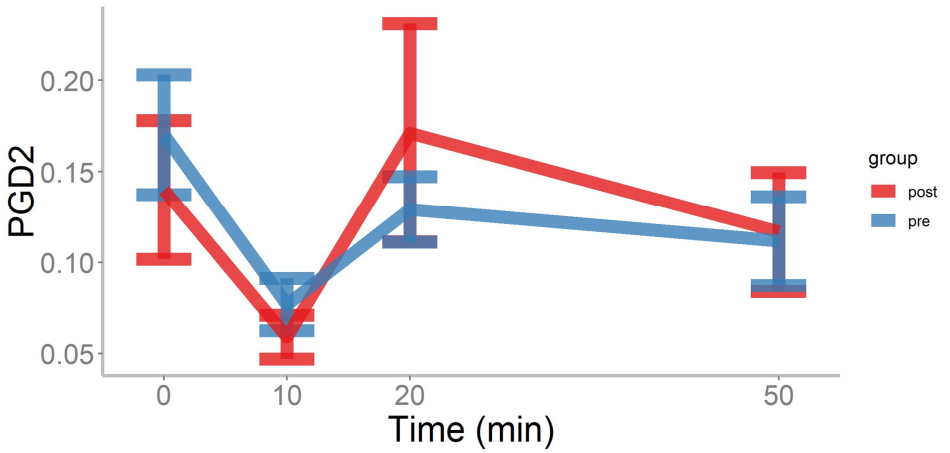

Hepoxilin A3
1.00
0.75
0.50
0
10
20
50
Time (min)
group
post
pre

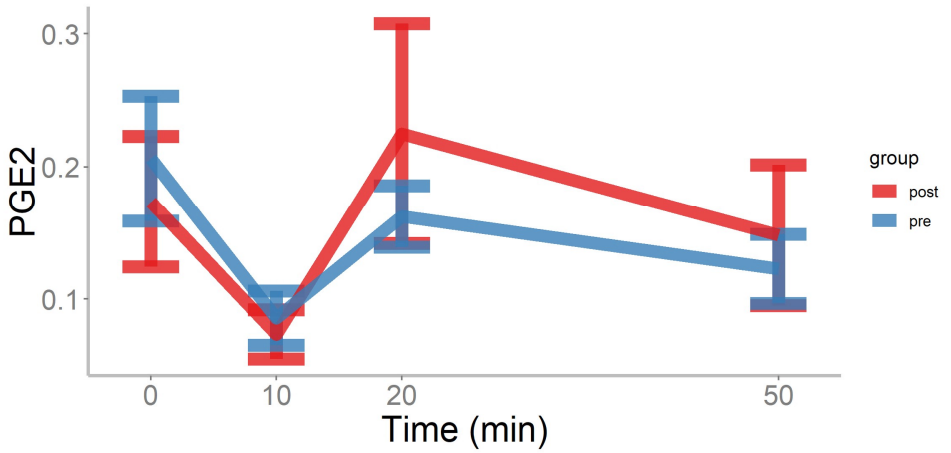

LTB5
0.5
0.4
0.3
0.2
0.1
0
10
20
50
Time (min)
group
post
pre

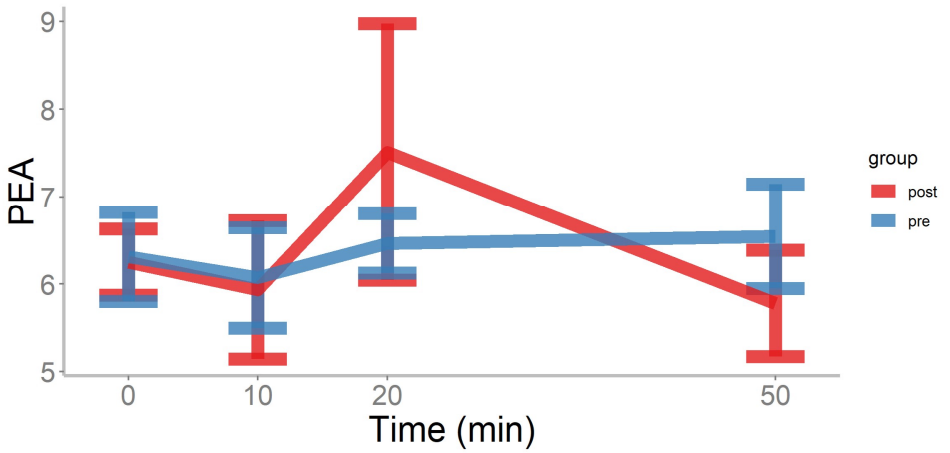

OEA
22.5
20.0
17.5
15.0
12.5
0
10
20
50
Time (min)
group
post
pre

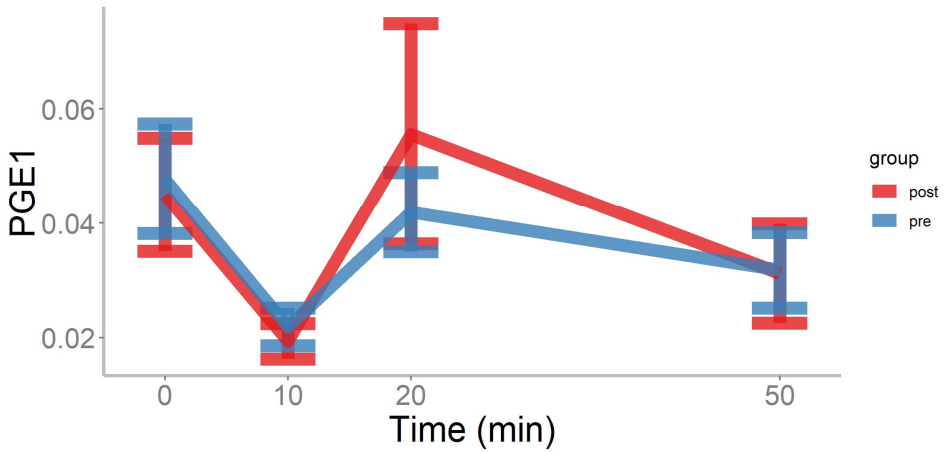

lipoxin a4
0.06
0.04
0.02
0
10
20
50
Time (min)
group
post
pre

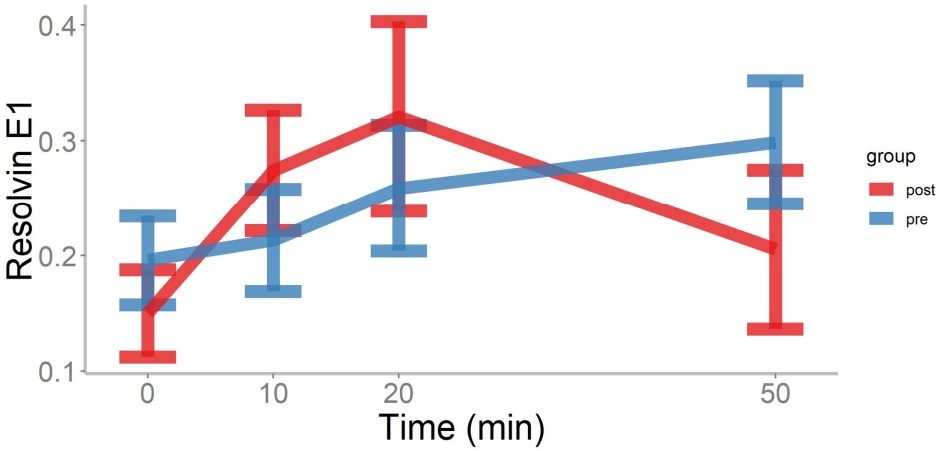

NA-Gly
0.9
0.8
0.7
0.6
0.5
0
10
20
50
Time (min)
group
post
pre

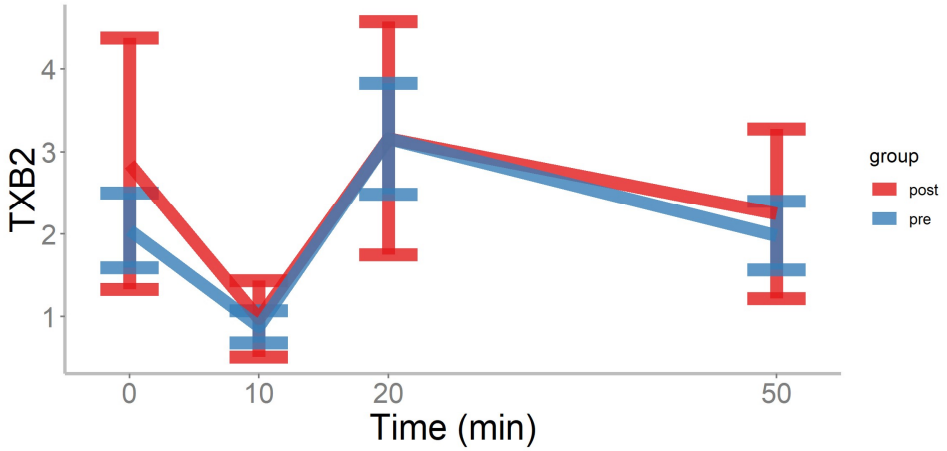

PGD2
0.20
0.15
0.10
0.05
0
10
20
50
Time (min)
group
post
pre

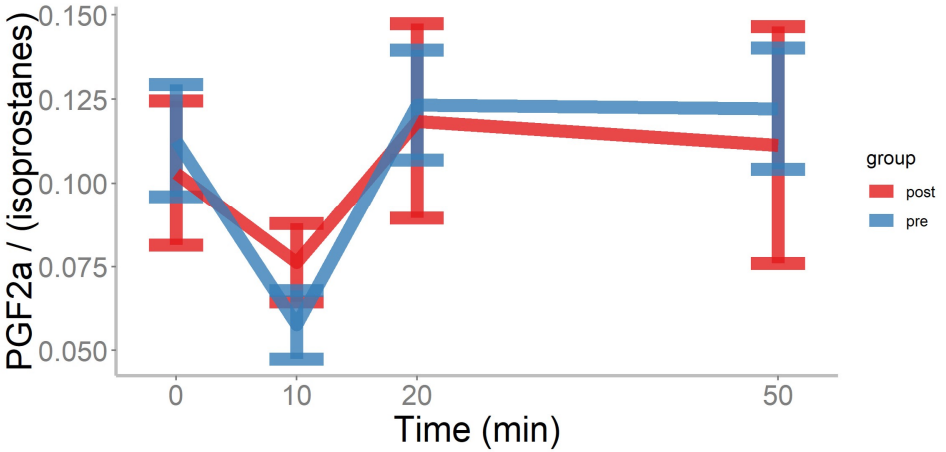

PGE2
0.3
0.2
0.1
0
10
20
50
Time (min)
group
post
pre

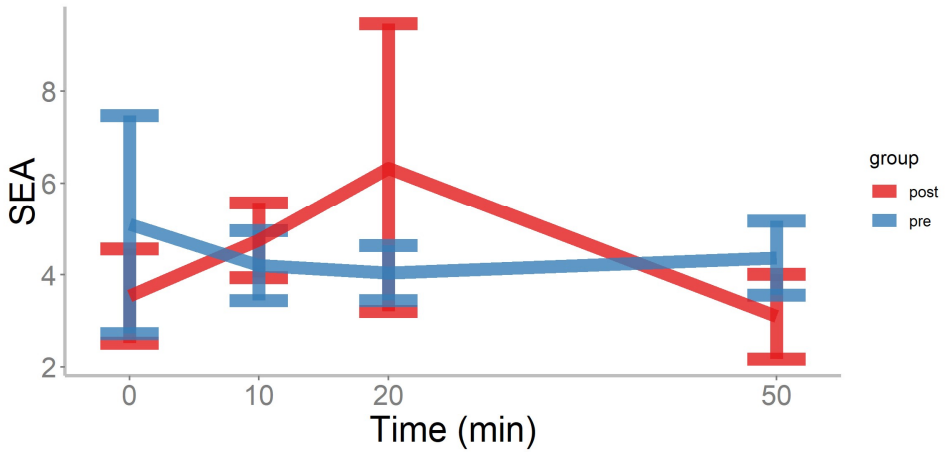

PEA
9
8
7
6
5
0
10
20
50
Time (min)
group
post
pre

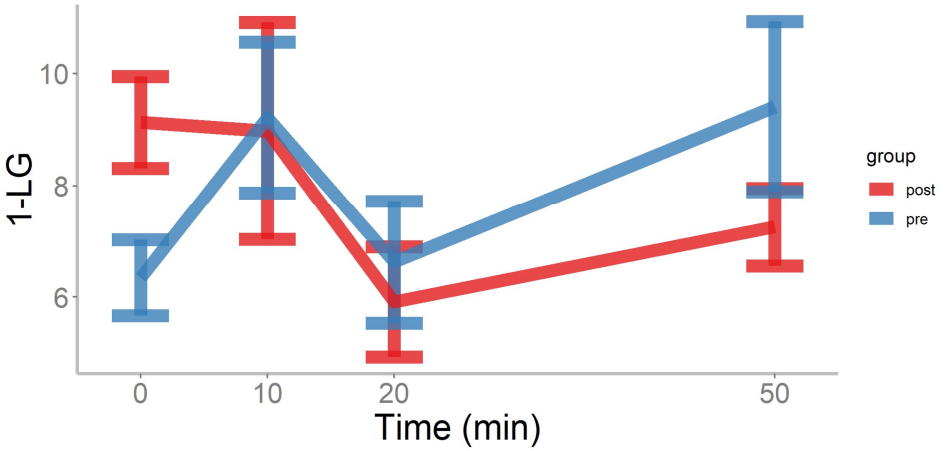

PGE1
0.06
0.04
0.02
0
10
20
50
Time (min)
group
post
pre

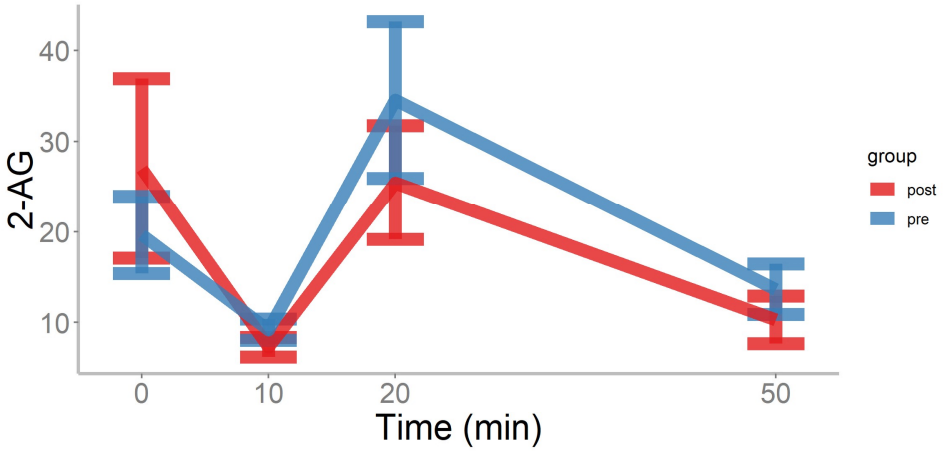

Resolvin E1
0.4
0.3
0.2
0.1
0
10
20
50
Time (min)
group
post
pre

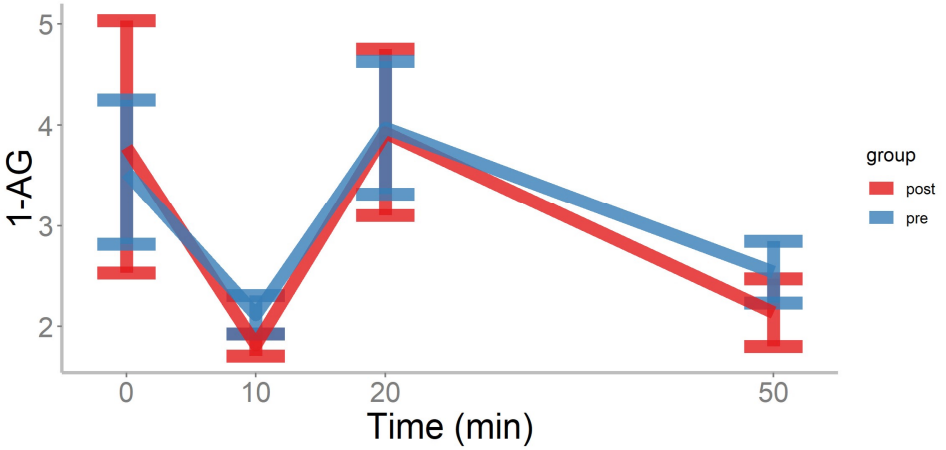

TXB2
4
3
2
1
0
10
20
50
Time (min)
group
post
pre

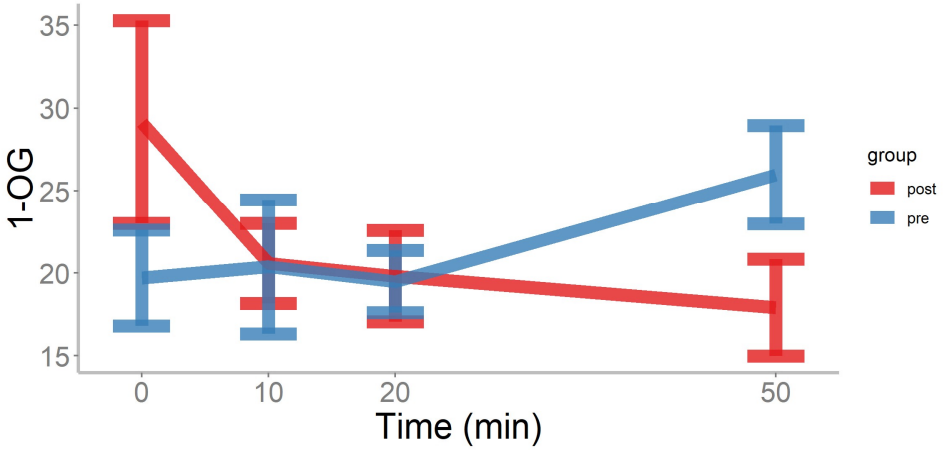

PGF2a / (isoprostanes)
0.150
0.125
0.100
0.075
0.050
0
10
20
50
Time (min)
group
post
pre

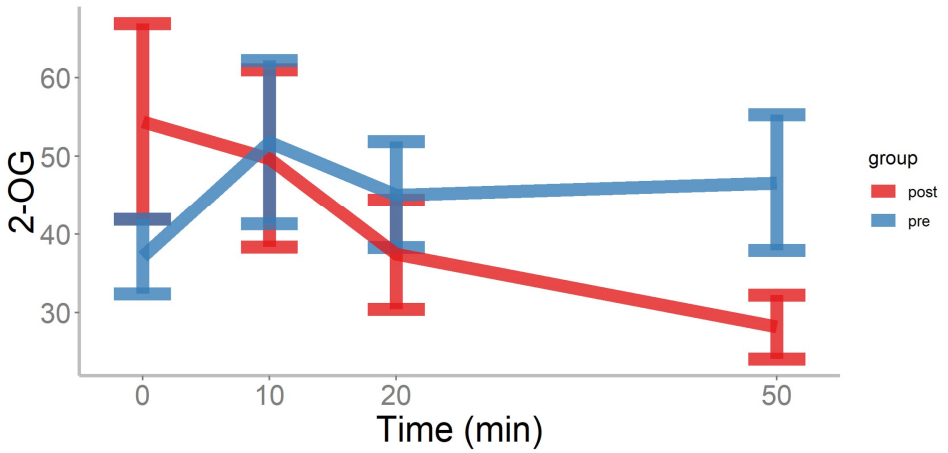

SEA
8
6
4
2
0
10
20
50
Time (min)
group
post
pre

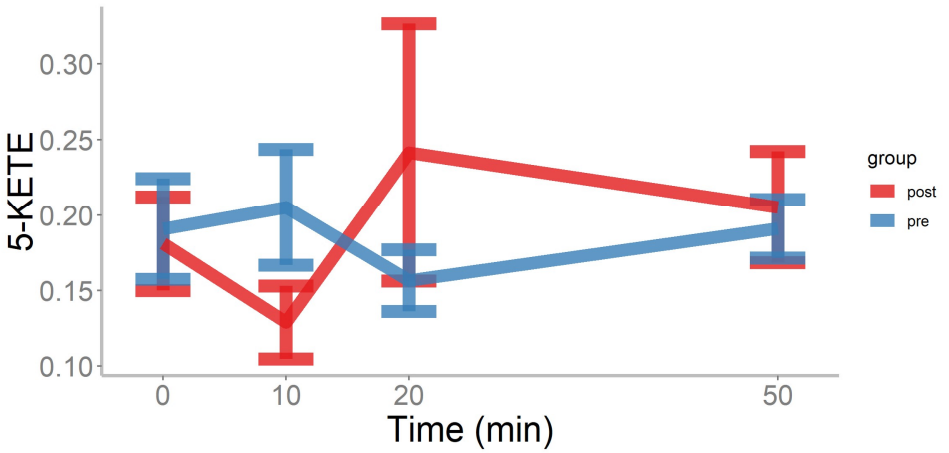

1-LG
10
8
6
0
10
20
50
Time (min)
group
post
pre

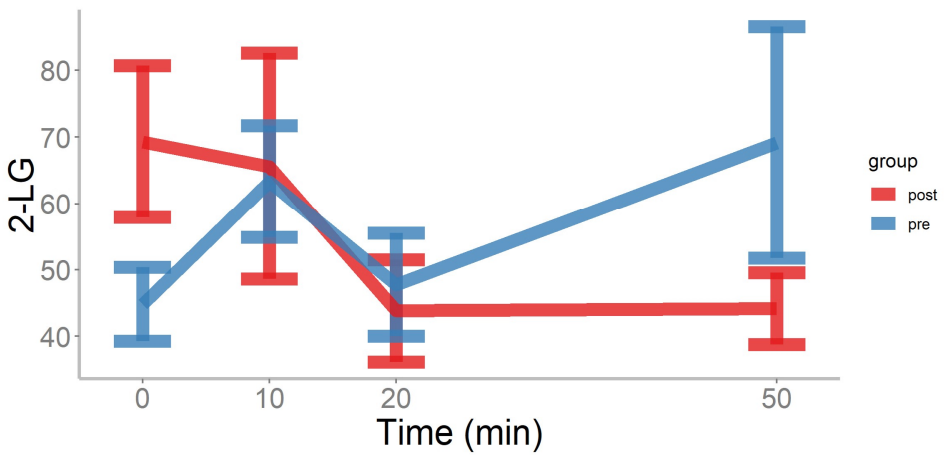

2-AG
40
30
20
10
0
10
20
50
Time (min)
group
post
pre

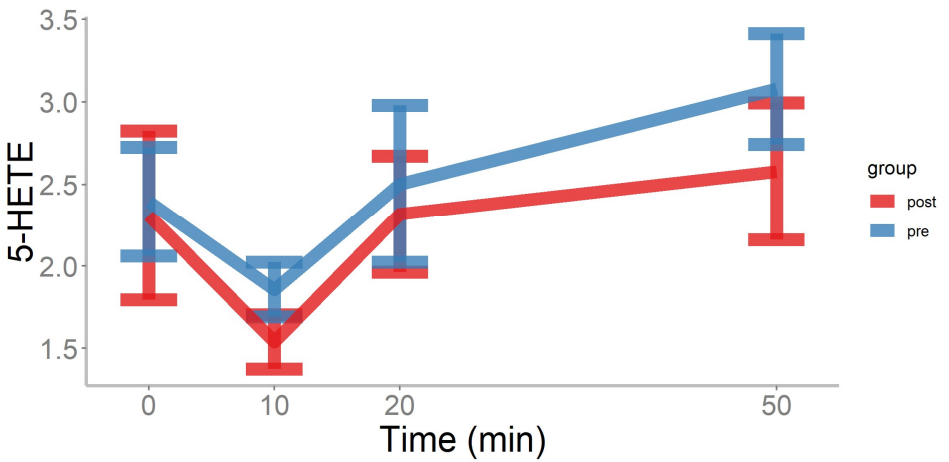

1-AG
5
4
3
2
0
10
20
50
Time (min)
group
post
pre

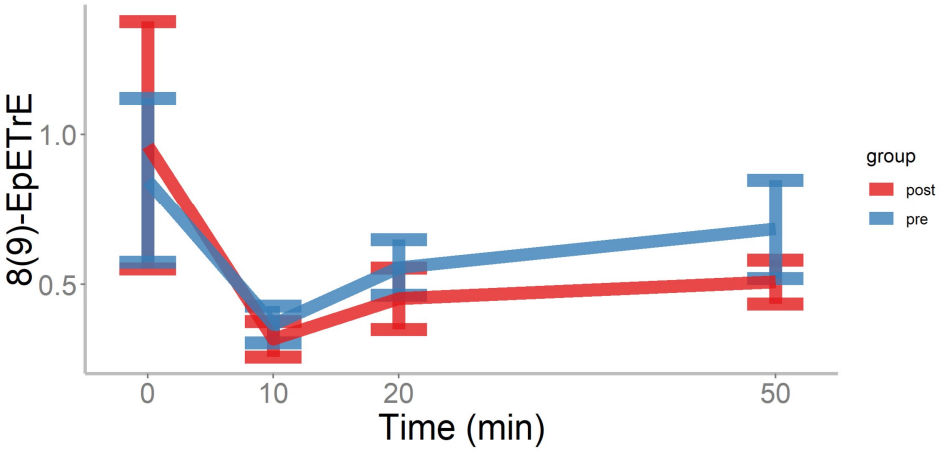

1-OG
35
30
25
20
15
0
10
20
50
Time (min)
group
post
pre

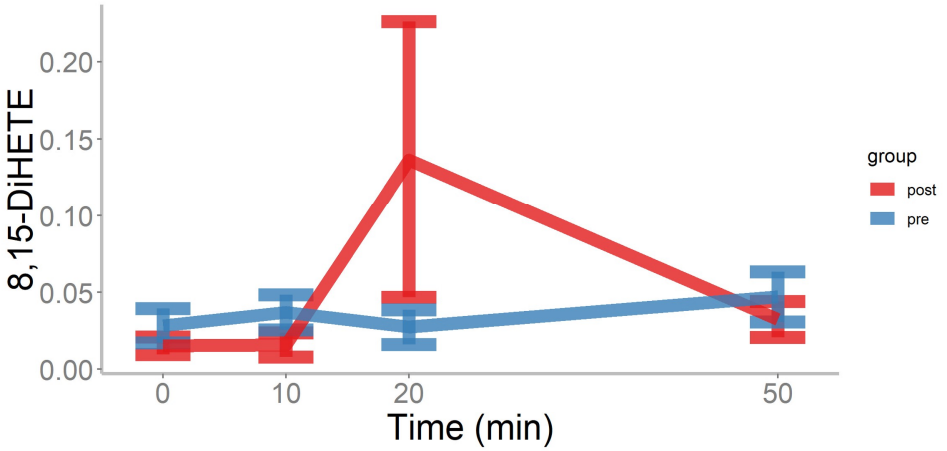

2-OG
60
50
40
30
0
10
20
50
Time (min)
group
post
pre

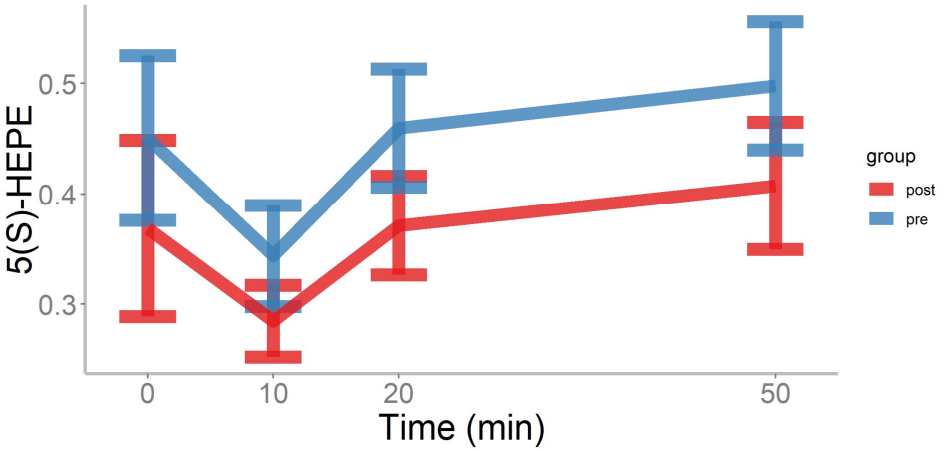

5-KETE
0.30
0.25
0.20
0.15
0.10
0
10
20
50
Time (min)
group
post
pre

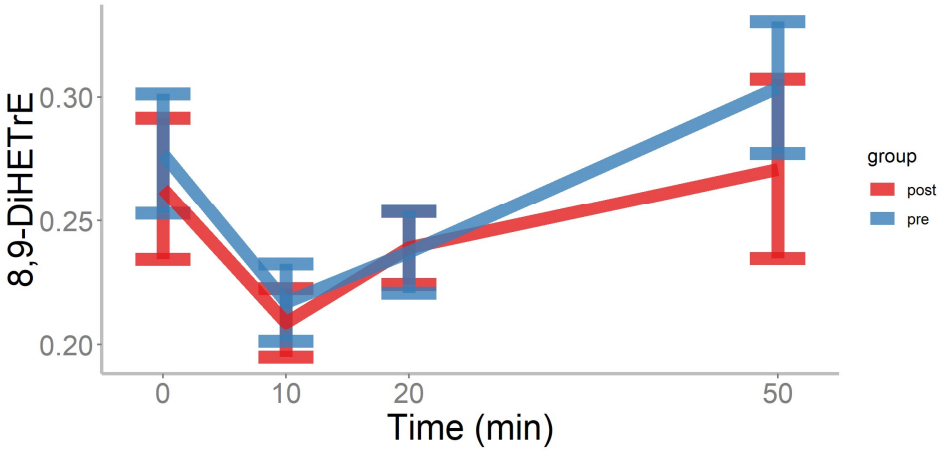

2-LG
80
70
60
50
40
0
10
20
50
Time (min)
group
post
pre

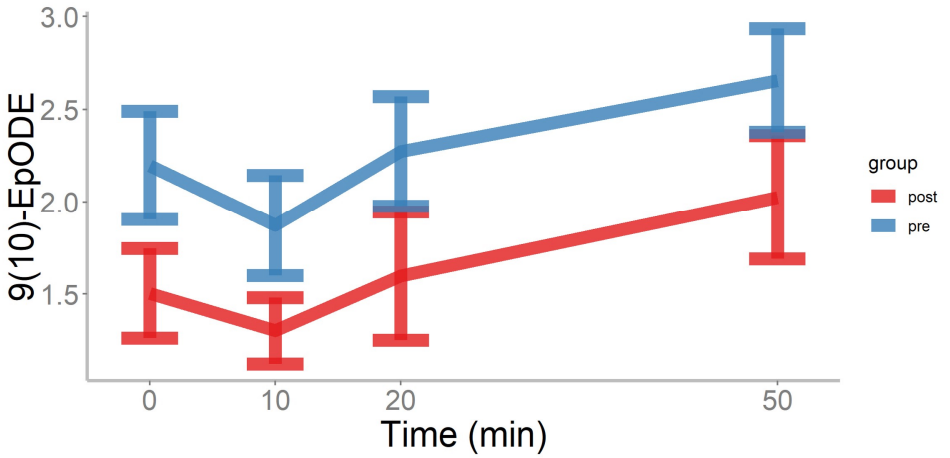

5-HETE
3.5
3.0
2.5
2.0
1.5
0
10
20
50
Time (min)
group
post
pre

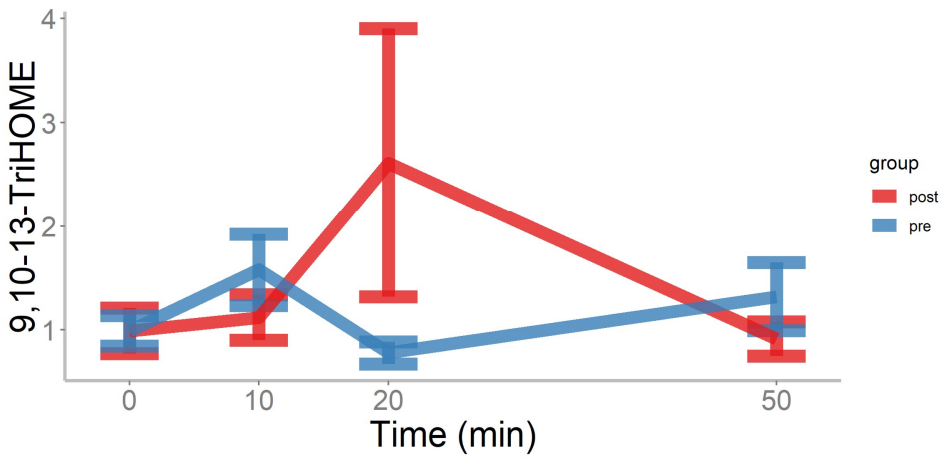

8(9)-EpETrE
1.0
0.5
0
10
20
50
Time (min)
group
post
pre

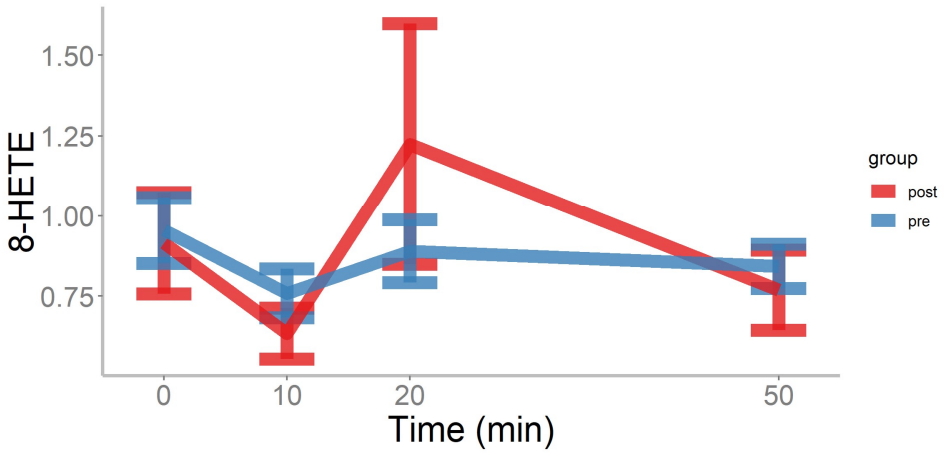

8,15-DiHETE
0.20
0.15
0.10
0.05
0.00
0
10
20
50
Time (min)
group
post
pre

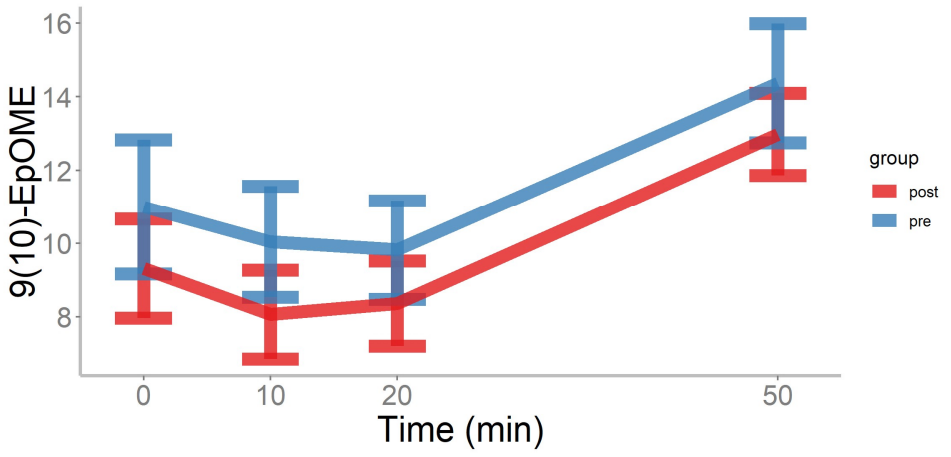

5(S)-HEPE
0.5
0.4
0.3
0
10
20
50
Time (min)
group
post
pre

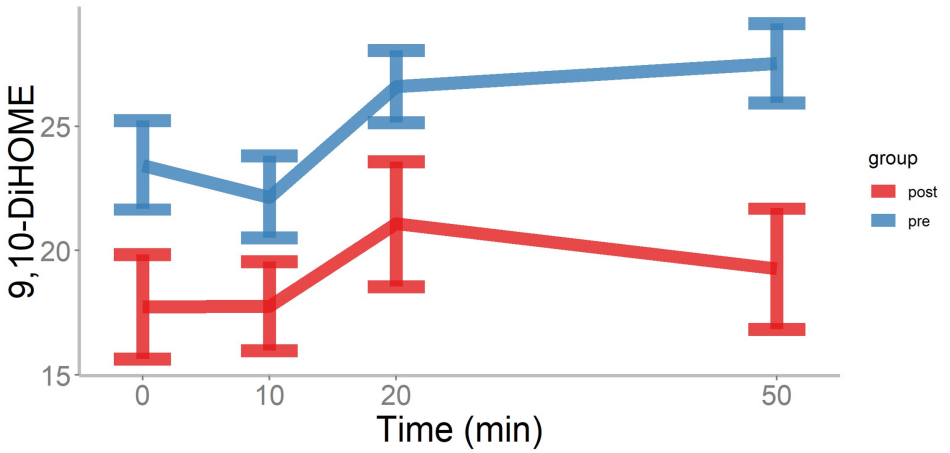

8,9-DiHETrE
0.30
0.25
0.20
0
10
20
50
Time (min)
group
post
pre

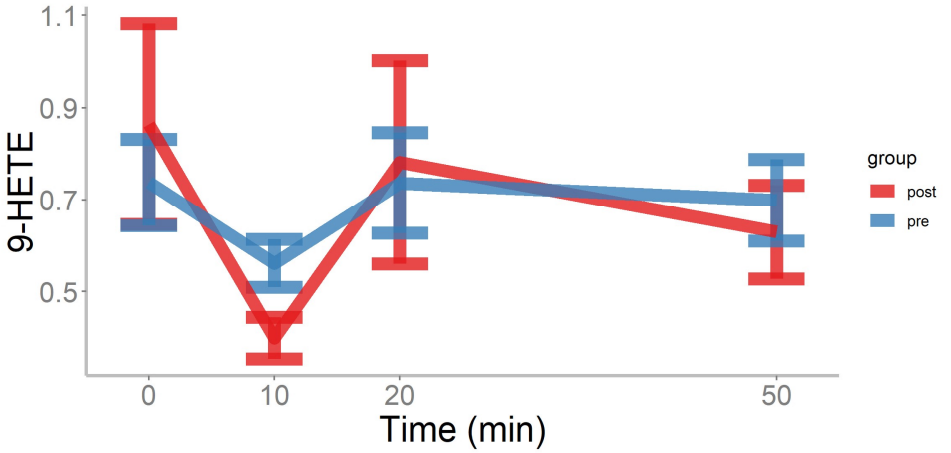

9(10)-EpODE
3.0
2.5
2.0
1.5
0
10
20
50
Time (min)
group
post
pre

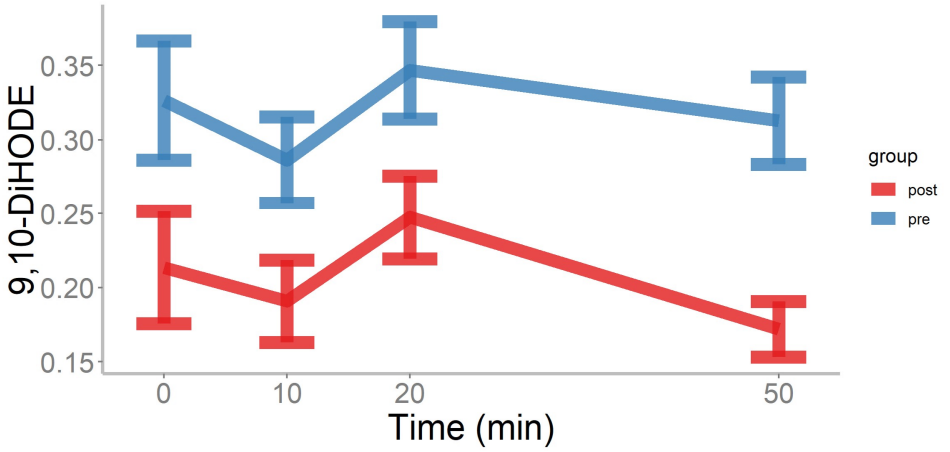

9,10-13-TriHOME
4
3
2
1
0
10
20
50
Time (min)
group
post
pre

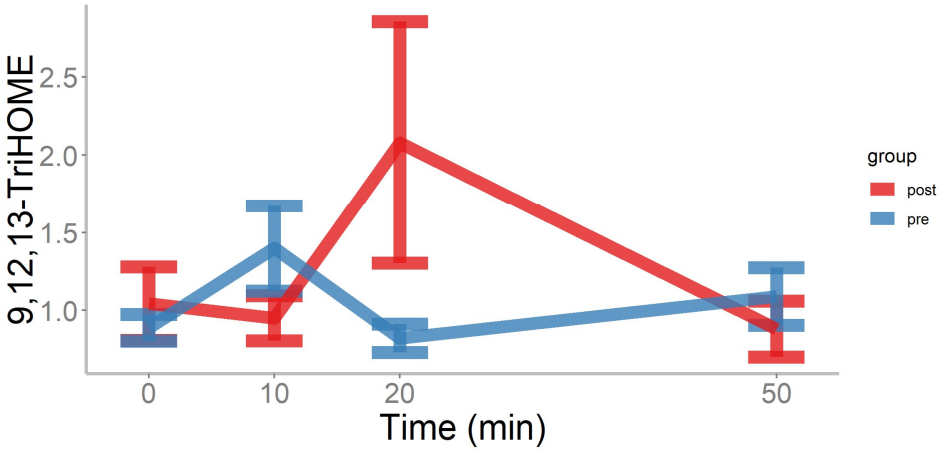

8-HETE
1.50
1.25
1.00
0.75
0
10
20
50
Time (min)
group
post
pre

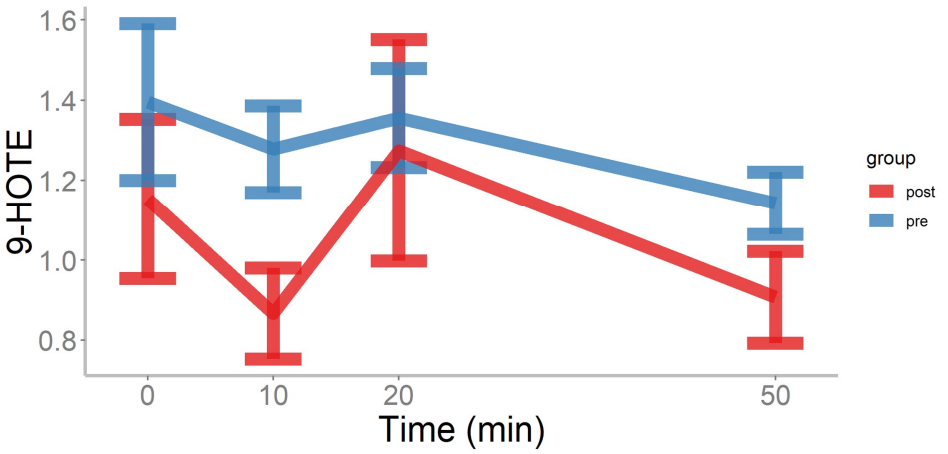

9(10)-EpOME
16
14
12
10
8
0
10
20
50
Time (min)
group
post
pre

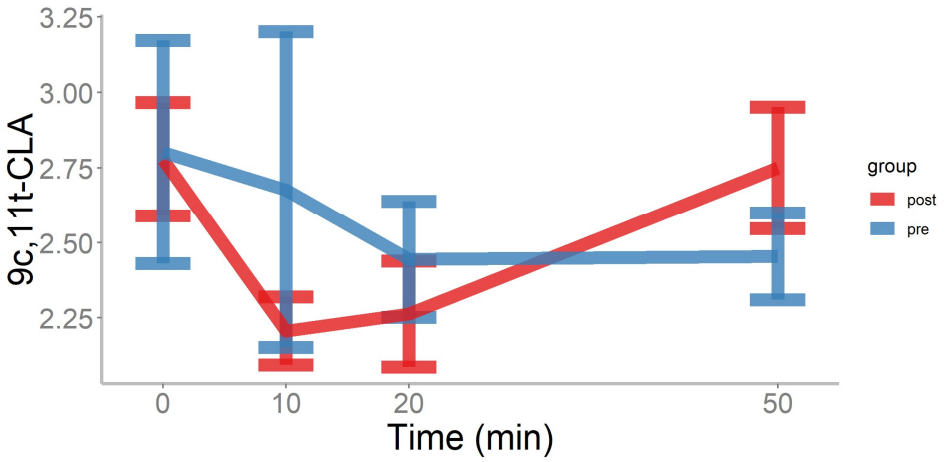

9,10-DiHOME
25
20
15
0
10
20
50
Time (min)
group
post
pre

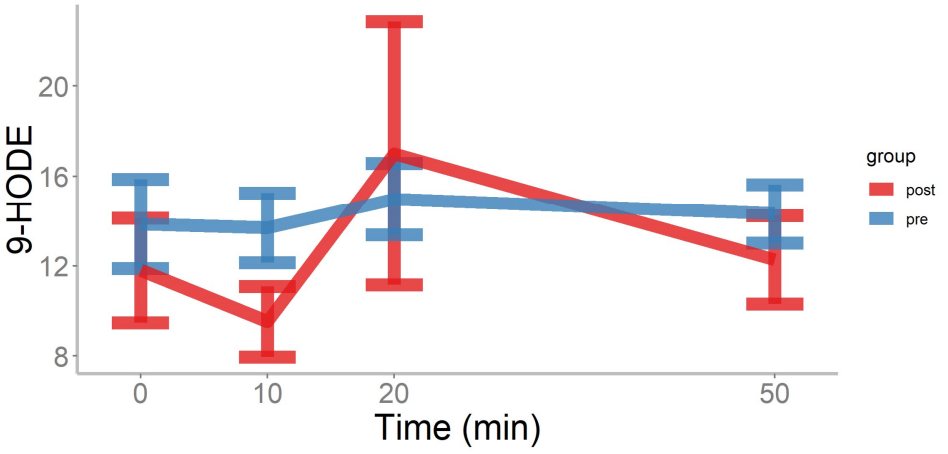

9-HETE
1.1
0.9
0.7
0.5
0
10
20
50
Time (min)
group
post
pre

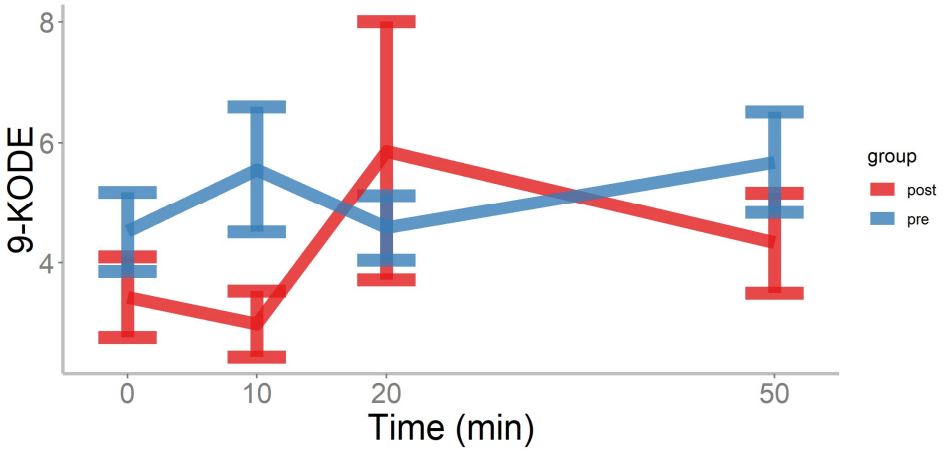

9,10-DiHODE
0.35
0.30
0.25
0.20
0.15
0
10
20
50
Time (min)
group
post
pre

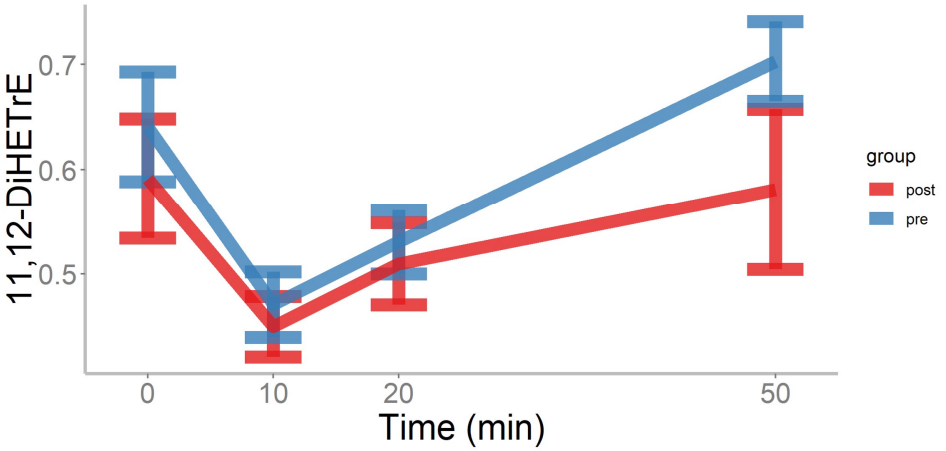

9,12,13-TriHOME
2.5
2.0
1.5
1.0
0
10
20
50
Time (min)
group
post
pre

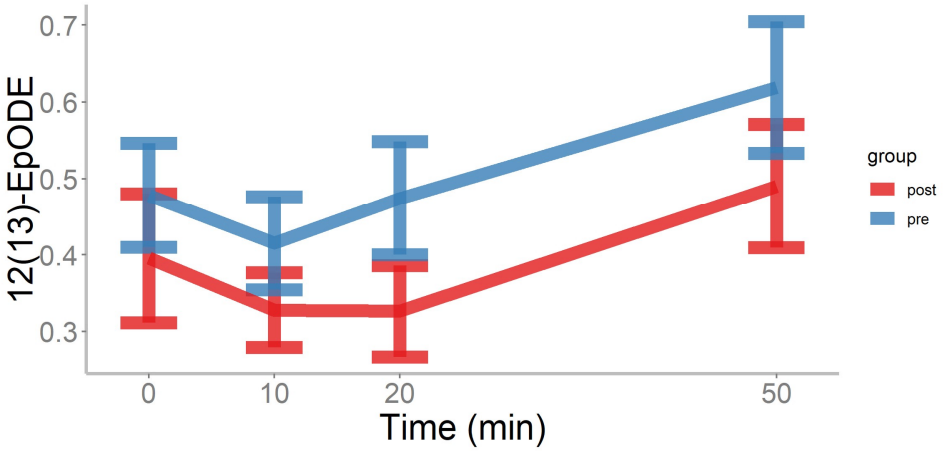

9-HOTE
1.6
1.4
1.2
1.0
0.8
0
10
20
50
Time (min)
group
post
pre

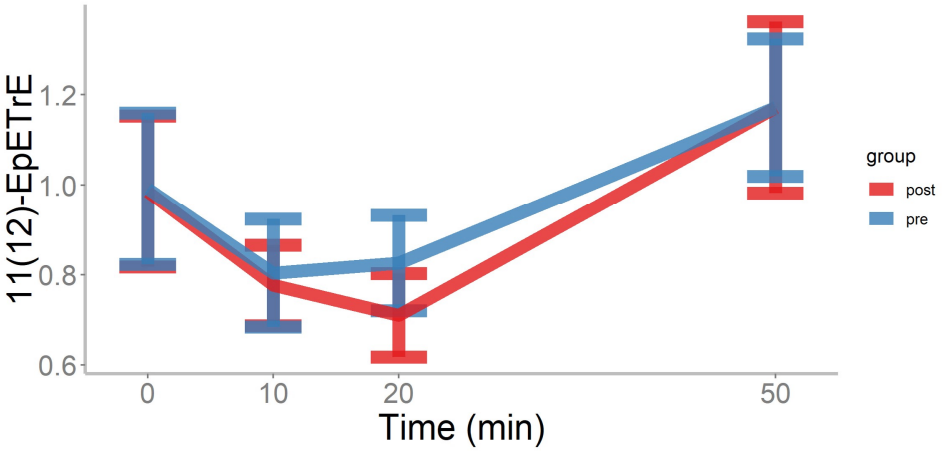

9c,11t-CLA
3.25
3.00
2.75
2.50
2.25
0
10
20
50
Time (min)
group
post
pre

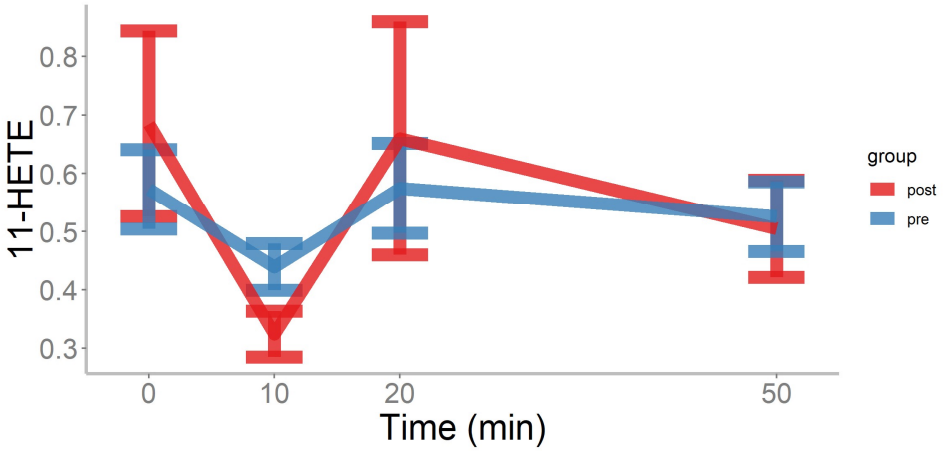

9-HODE
20
16
12
8
0
10
20
50
Time (min)
group
post
pre

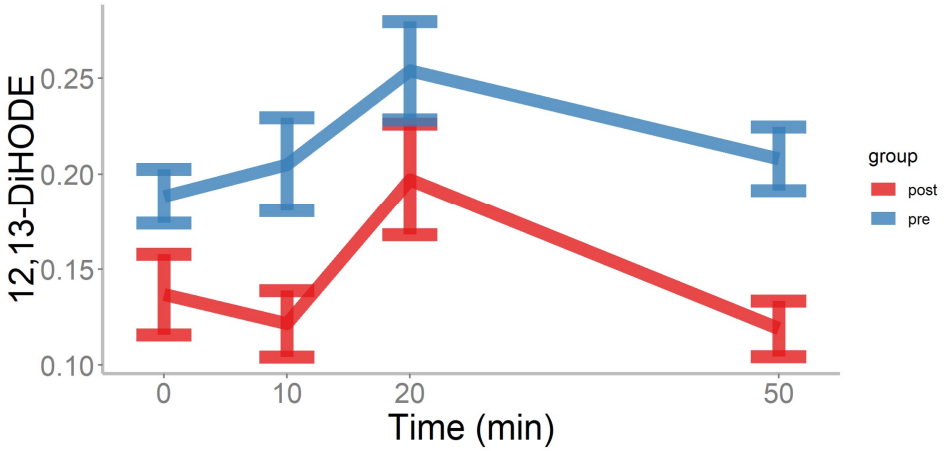

9-KODE
8
6
4
0
10
20
50
Time (min)
group
post
pre

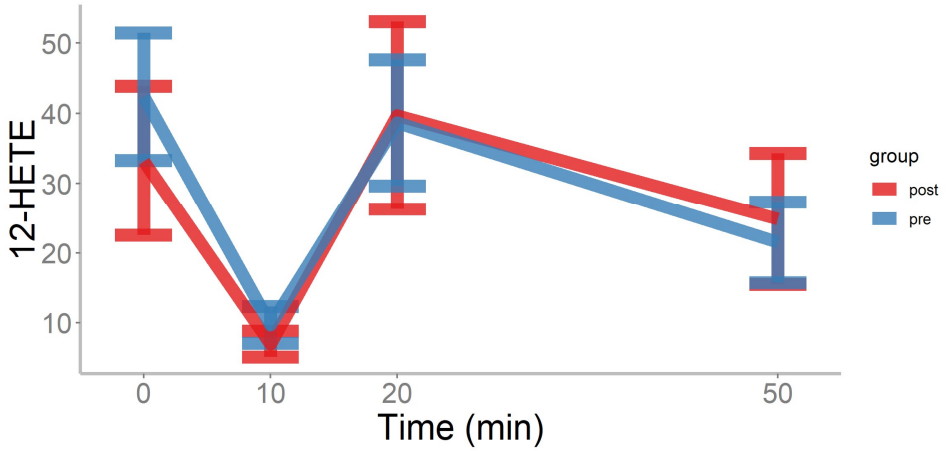

11,12-DiHETrE
0.7
0.6
0.5
0
10
20
50
Time (min)
group
post
pre

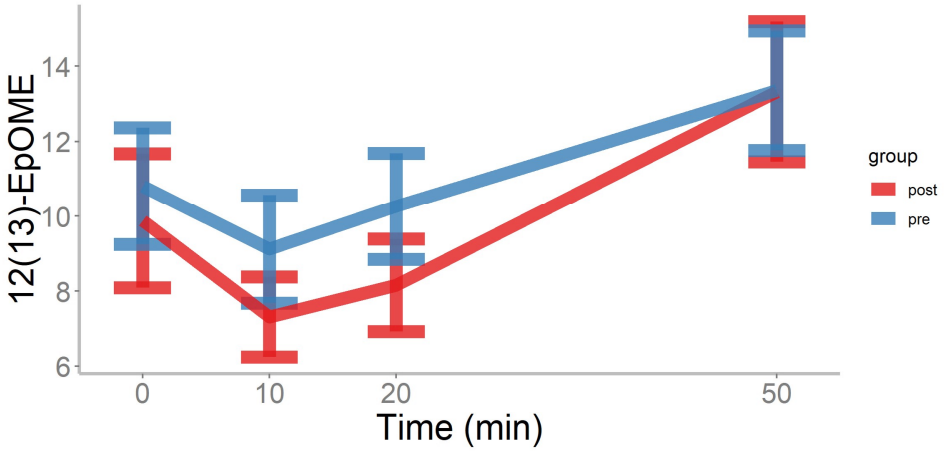

12(13)-EpODE
0.7
0.6
0.5
0.4
0.3
0
10
20
50
Time (min)
group
post
pre

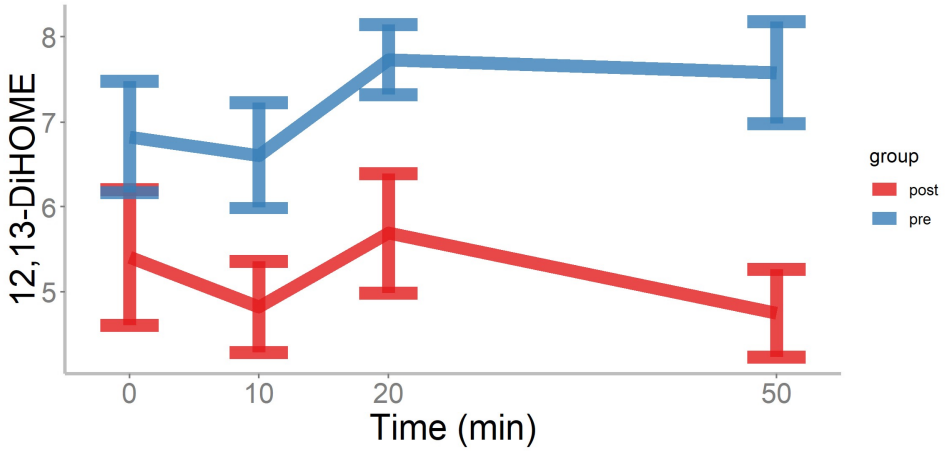

11(12)-EpETrE
1.2
1.0
0.8
0.6
0
10
20
50
Time (min)
group
post
pre

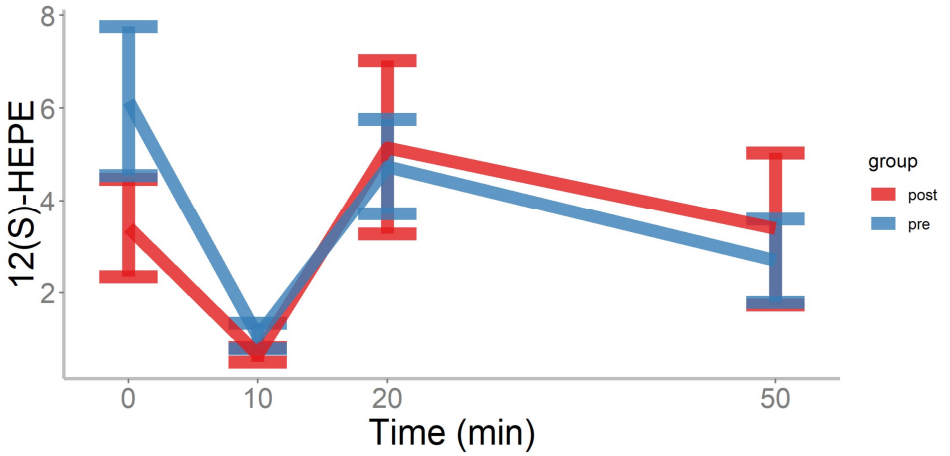

11-HETE
0.8
0.7
0.6
0.5
0.4
0.3
0
10
20
50
Time (min)
group
post
pre

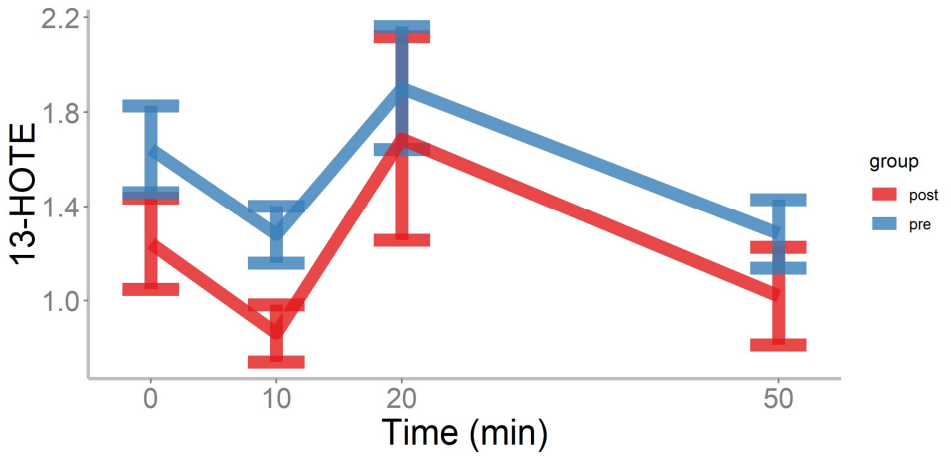

12,13-DiHODE
0.25
0.20
0.15
0.10
0
10
20
50
Time (min)
group
post
pre

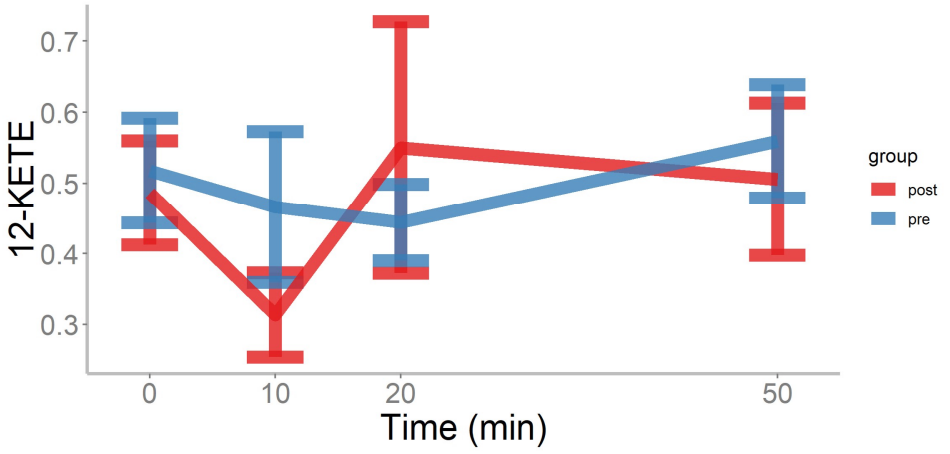

12-HETE
50
40
30
20
10
0
10
20
50
Time (min)
group
post
pre

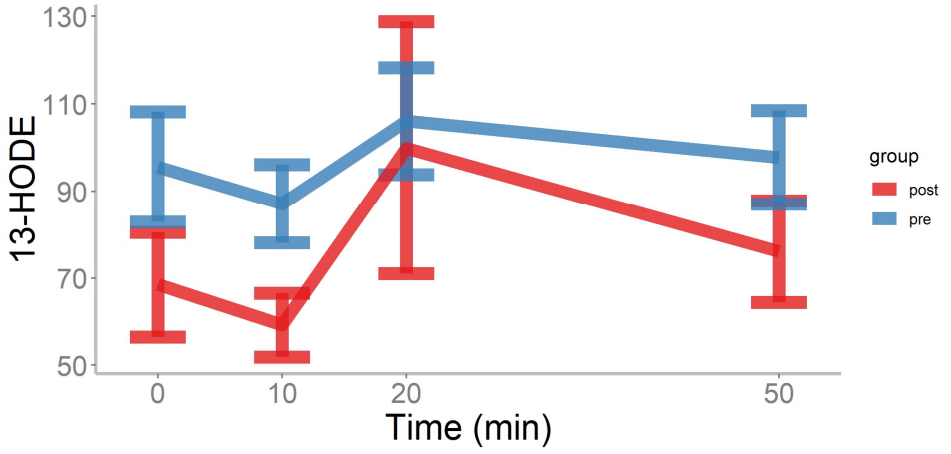

12(13)-EpOME
14
12
10
8
6
0
10
20
50
Time (min)
group
post
pre

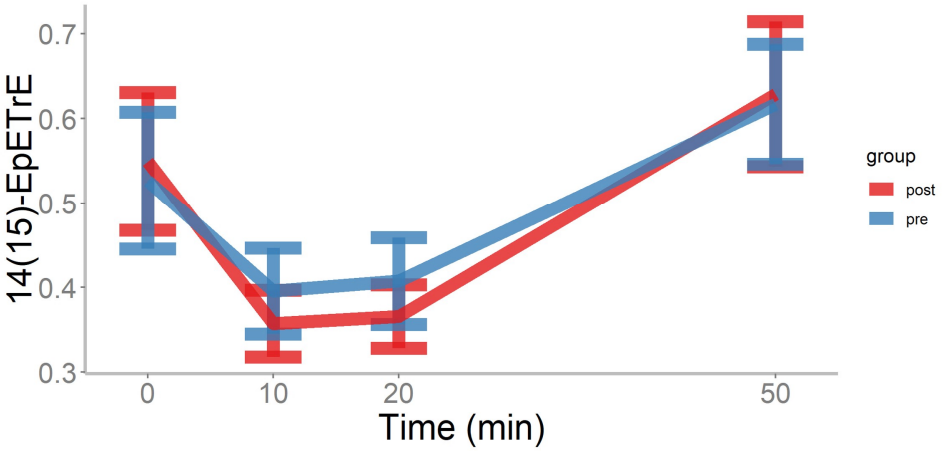

12,13-DiHOME
8
7
6
5
0
10
20
50
Time (min)
group
post
pre

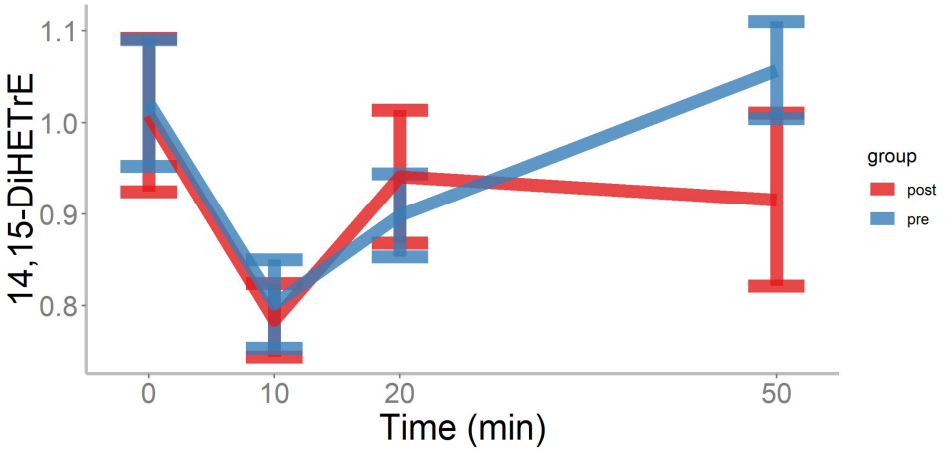

12(S)-HEPE
8
6
4
2
0
10
20
50
Time (min)
group
post
pre

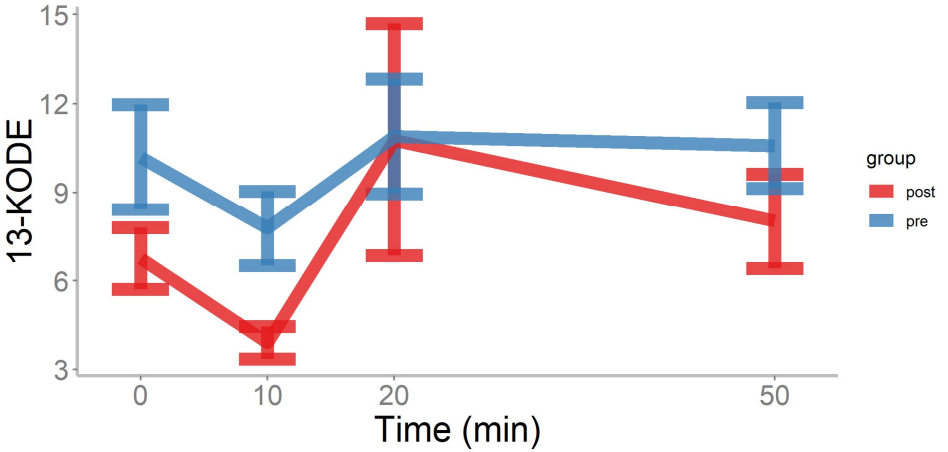

13-HOTE
2.2
1.8
1.4
1.0
0
10
20
50
Time (min)
group
post
pre

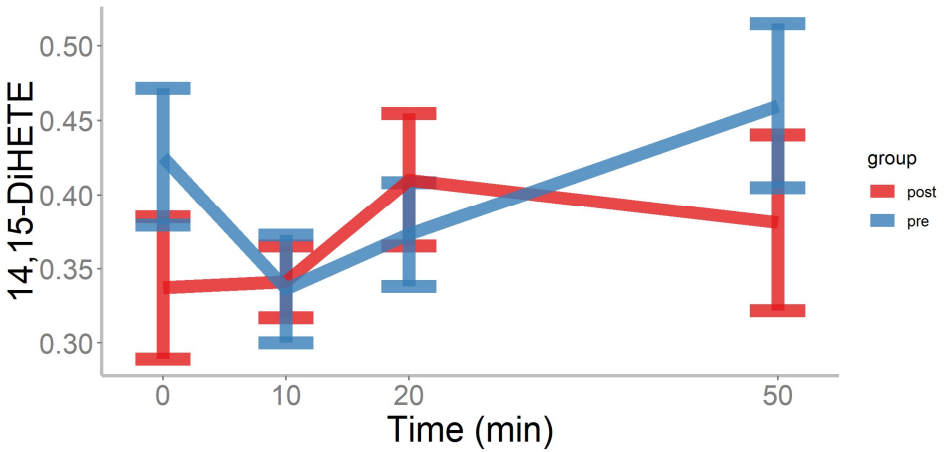

12-KETE
0.7
0.6
0.5
0.4
0.3
0
10
20
50
Time (min)
group
post
pre

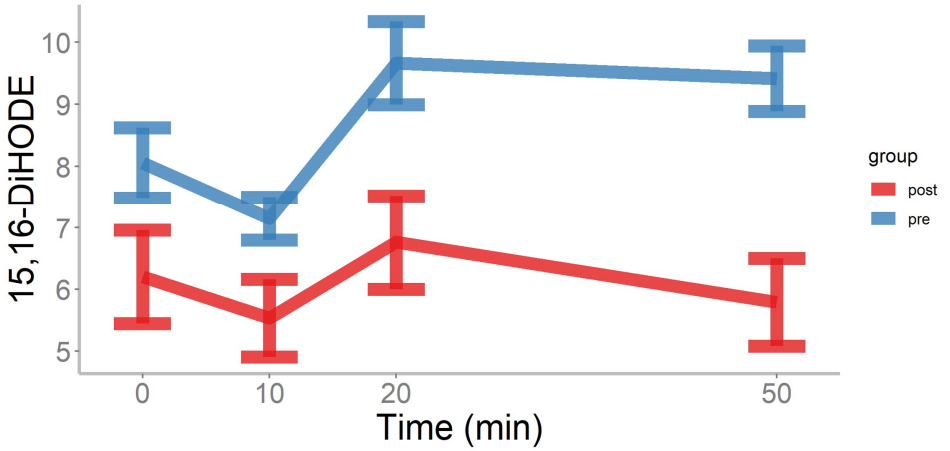

13-HODE
130
110
90
70
50
0
10
20
50
Time (min)
group
post
pre

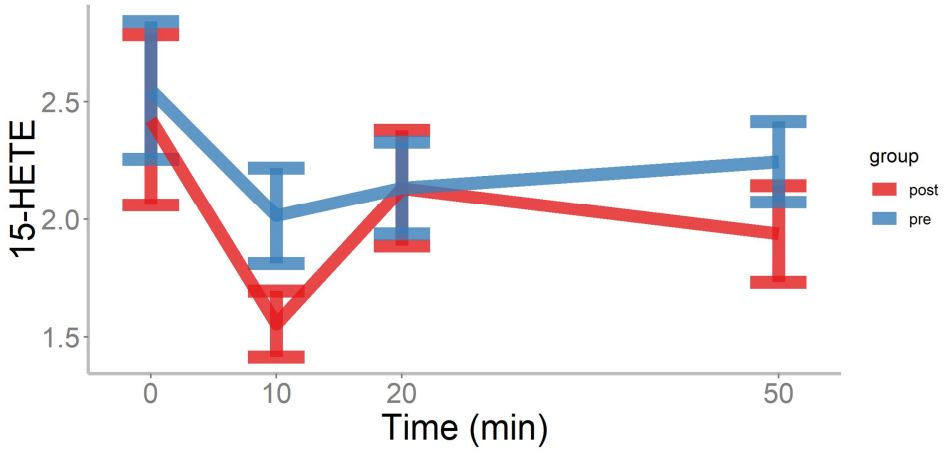

14(15)-EpETrE
0.7
0.6
0.5
0.4
0.3
0
10
20
50
Time (min)
group
post
pre

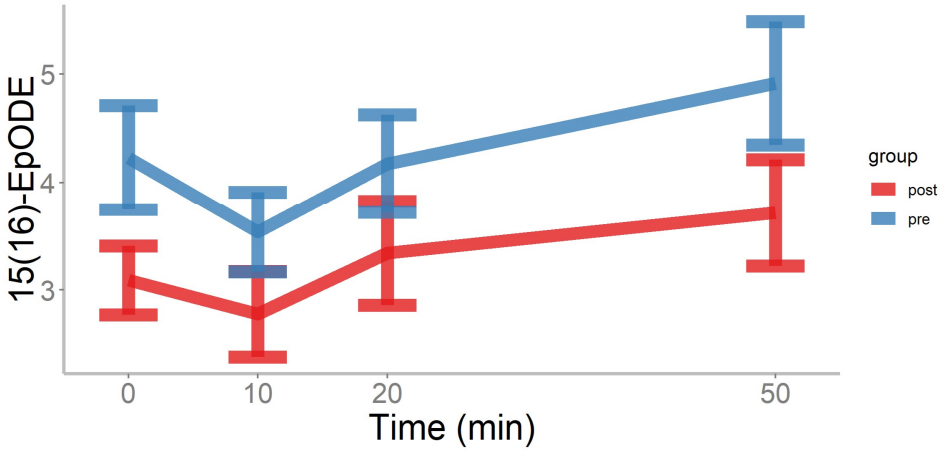

14,15-DiHETrE
1.1
1.0
0.9
0.8
0
10
20
50
Time (min)
group
post
pre

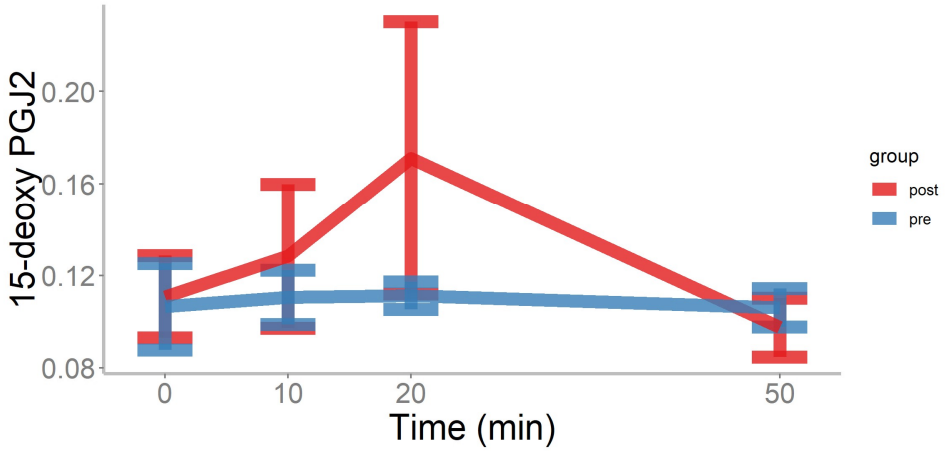

13-KODE
15
12
9
6
3
0
10
20
50
Time (min)
group
post
pre

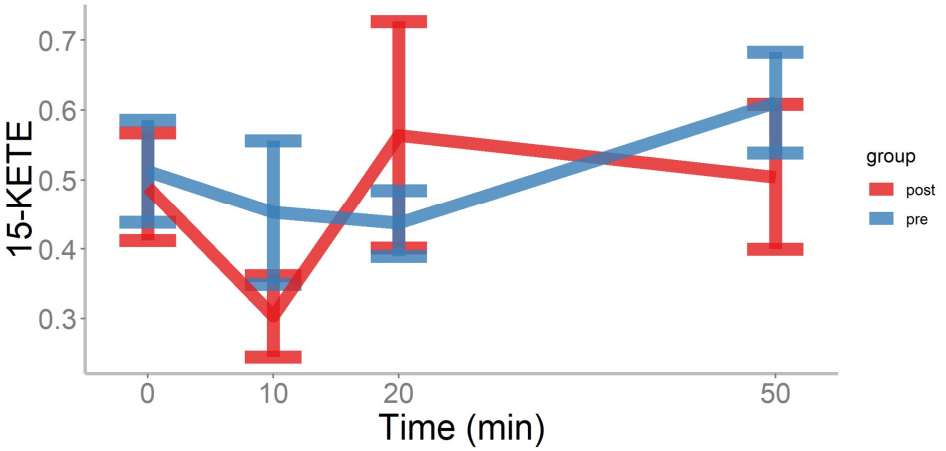

14,15-DiHETE
0.50
0.45
0.40
0.35
0.30
0
10
20
50
Time (min)
group
post
pre

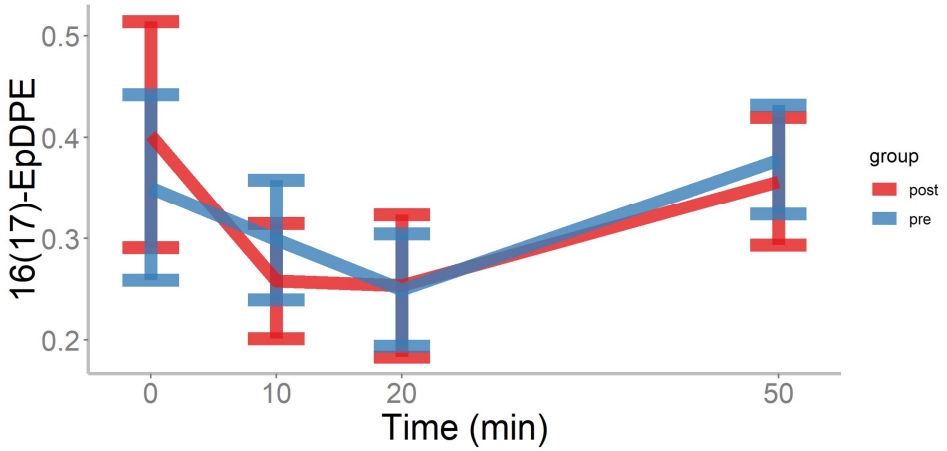

15,16-DiHODE
10
9
8
7
6
5
0
10
20
50
Time (min)
group
post
pre

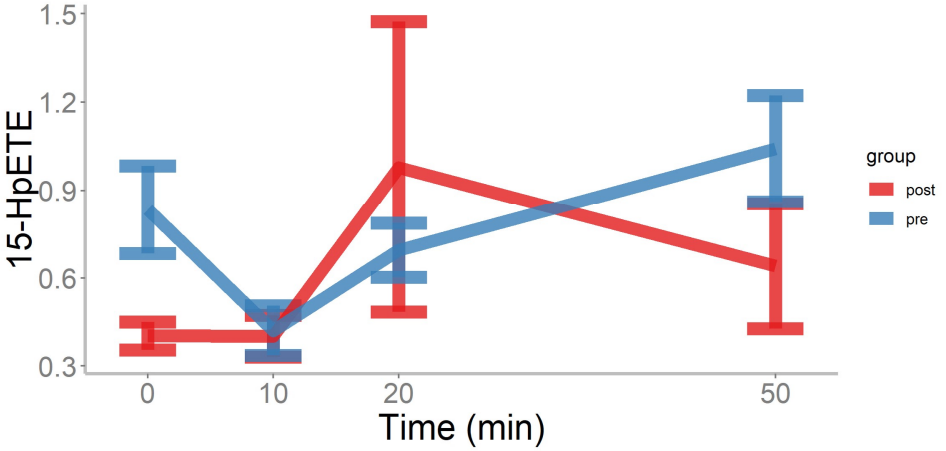

15-HETE
2.5
2.0
1.5
0
10
20
50
Time (min)
group
post
pre

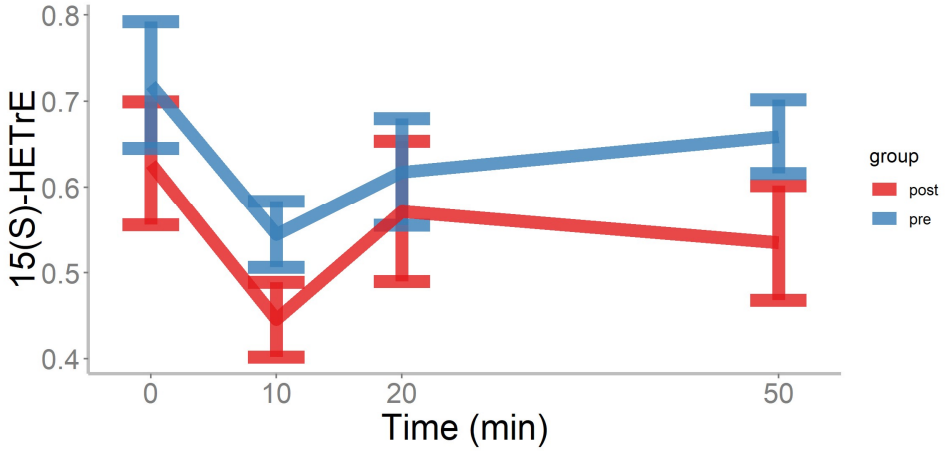

15(16)-EpODE
5
4
3
0
10
20
50
Time (min)
group
post
pre

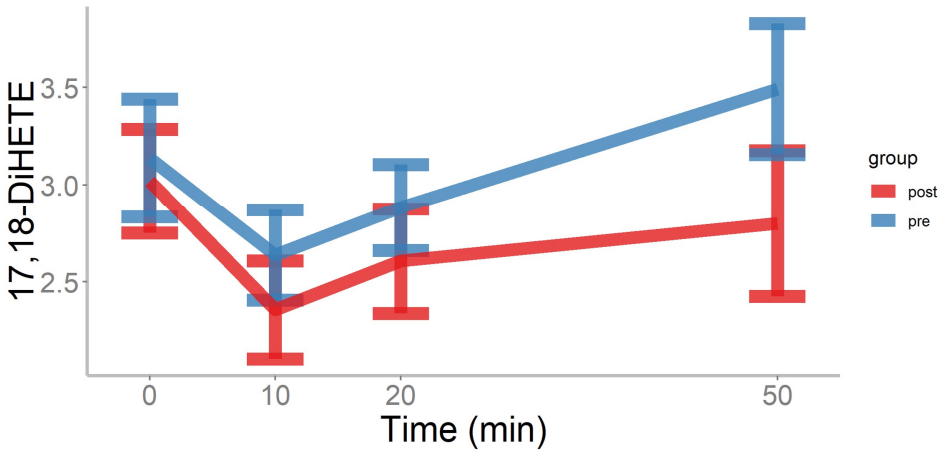

15-deoxy PGJ2
0.20
0.16
0.12
0.08
0
10
20
50
Time (min)
group
post
pre

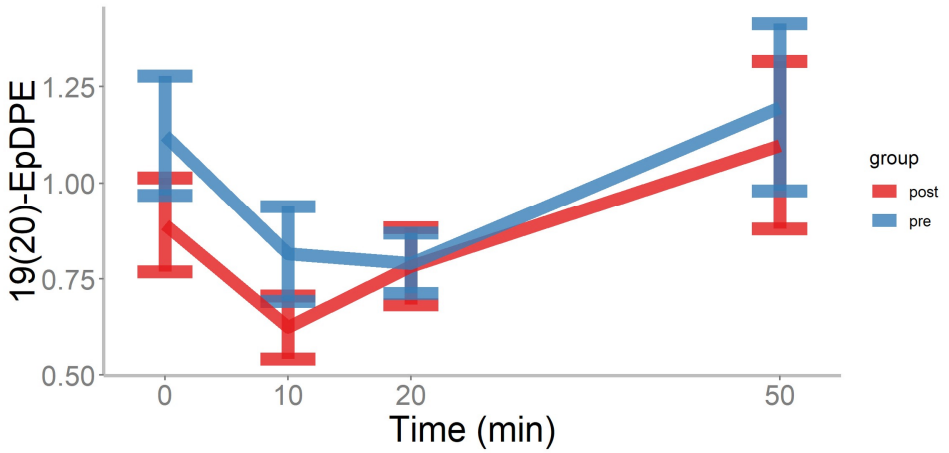

15-KETE
0.7
0.6
0.5
0.4
0.3
0
10
20
50
Time (min)
group
post
pre

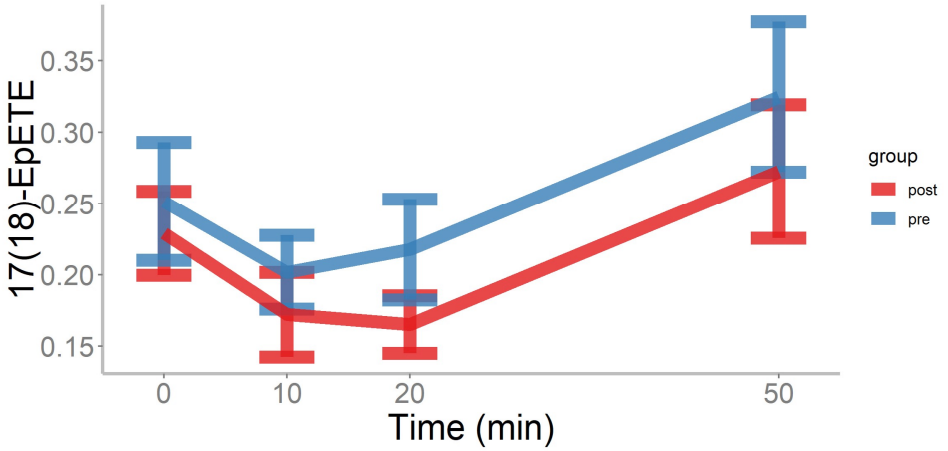

16(17)-EpDPE
0.5
0.4
0.3
0.2
0
10
20
50
Time (min)
group
post
pre

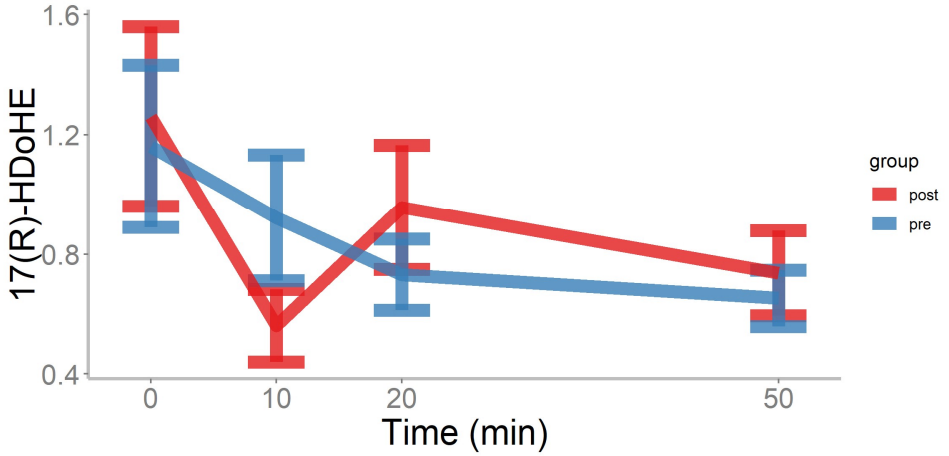

15-HpETE
1.5
1.2
0.9
0.6
0.3
0
10
20
50
Time (min)
group
post
pre

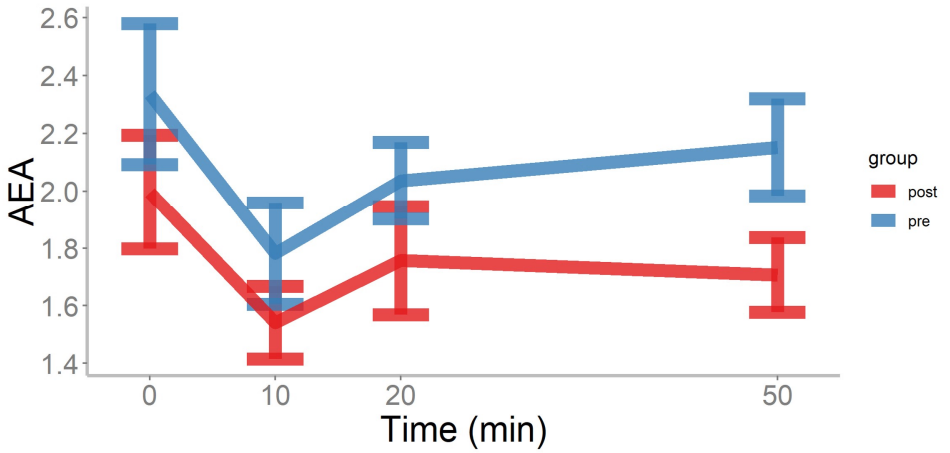

15(S)-HETrE
0.8
0.7
0.6
0.5
0.4
0
10
20
50
Time (min)
group
post
pre

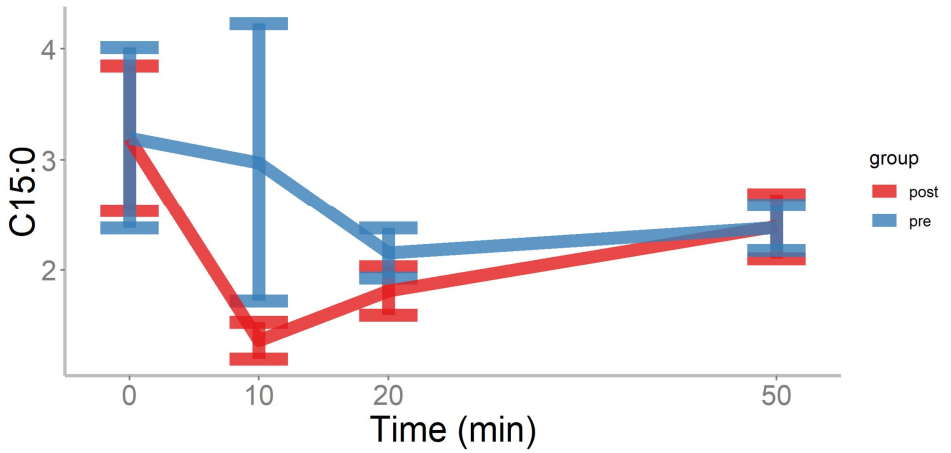

17,18-DiHETE
3.5
3.0
2.5
0
10
20
50
Time (min)
group
post
pre

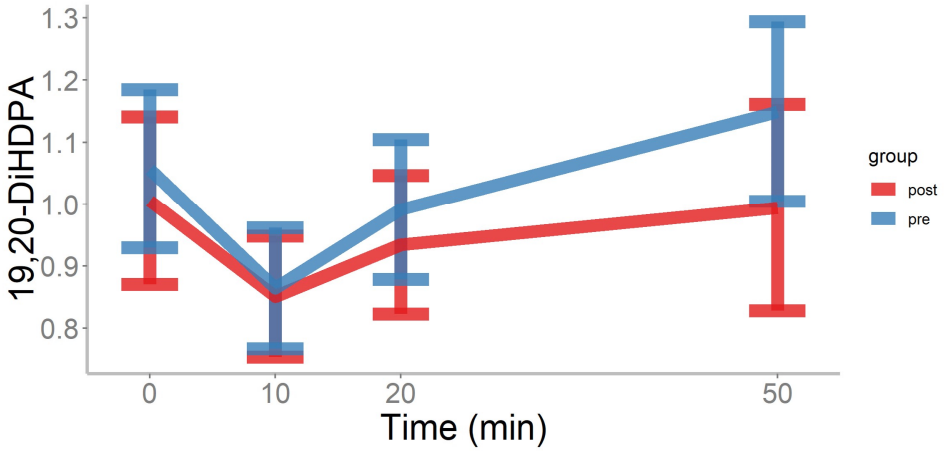

19(20)-EpDPE
1.25
1.00
0.75
0.50
0
10
20
50
Time (min)
group
post
pre

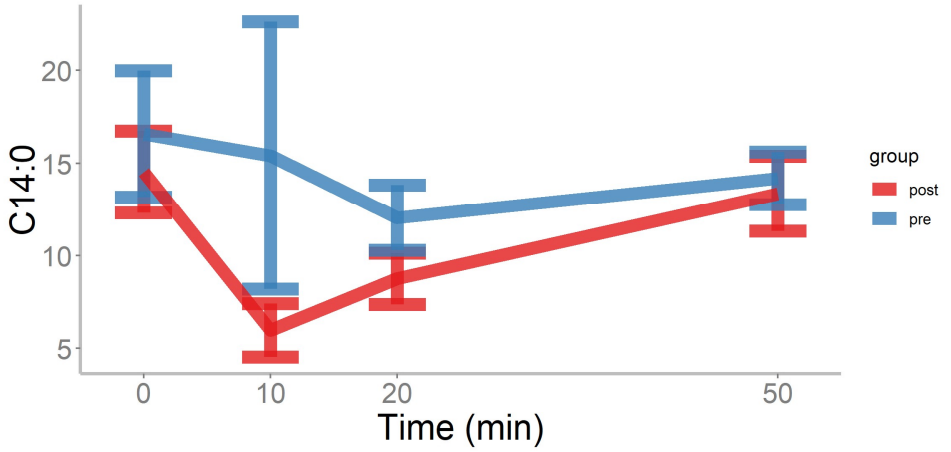

17(18)-EpETE
0.35
0.30
0.25
0.20
0.15
0
10
20
50
Time (min)
group
post
pre

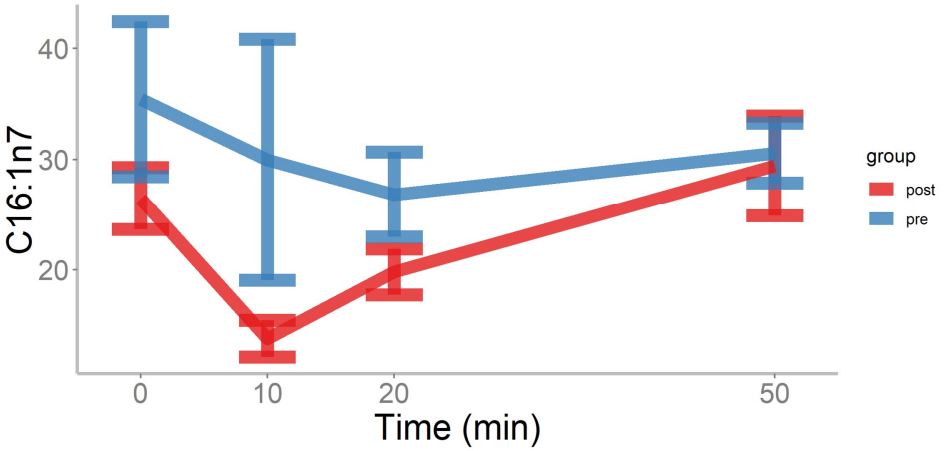

17(R)-HDoHE
1.6
1.2
0.8
0.4
0
10
20
50
Time (min)
group
post
pre

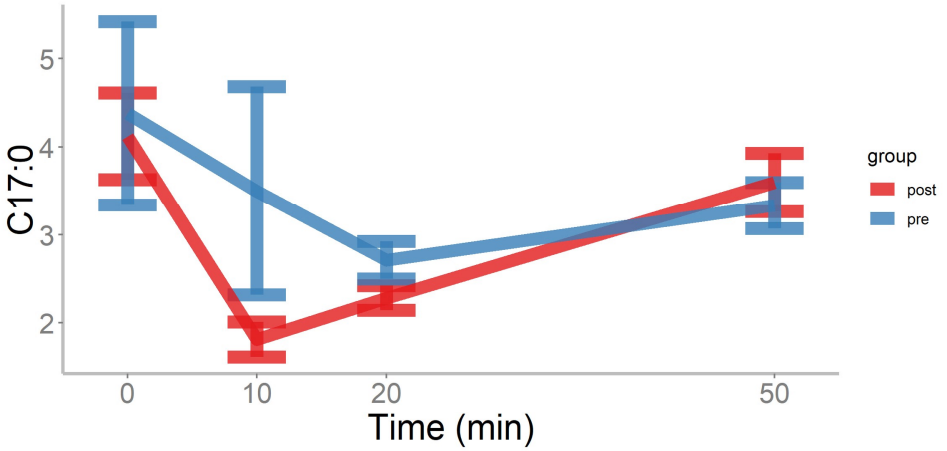

AEA
2.6
2.4
2.2
2.0
1.8
1.6
1.4
0
10
20
50
Time (min)
group
post
pre

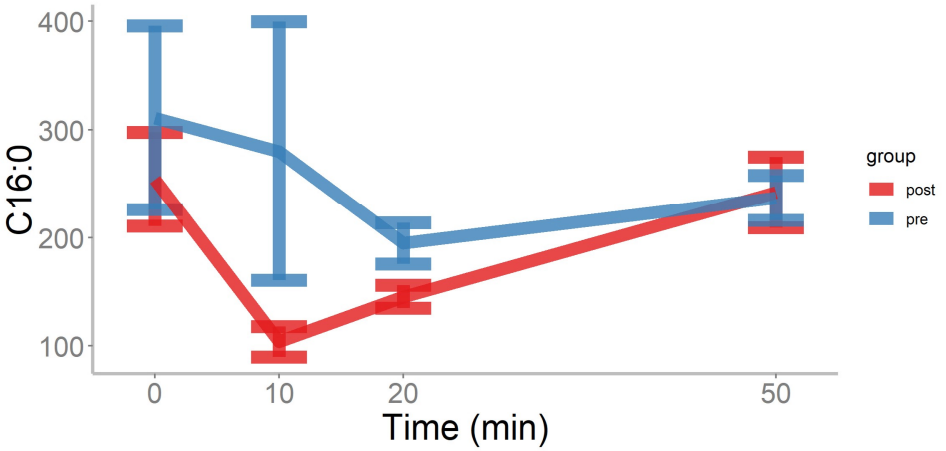

C15:0
4
3
2
0
10
20
50
Time (min)
group
post
pre

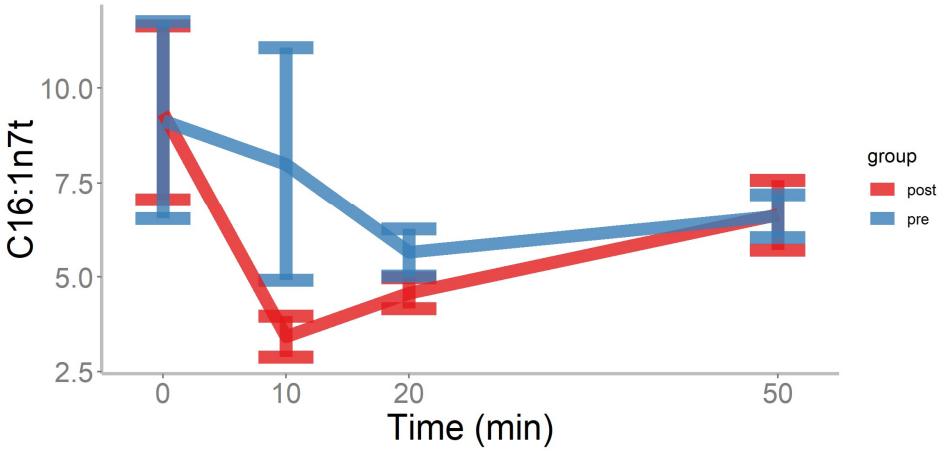

19,20-DiHDPA
1.3
1.2
1.1
1.0
0.9
0.8
0
10
20
50
Time (min)
group
post
pre

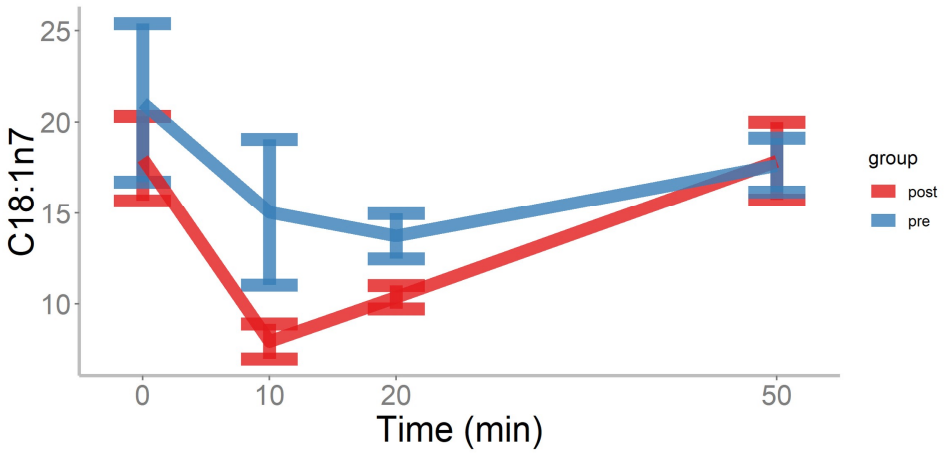

C14:0
20
15
10
5
0
10
20
50
Time (min)
group
post
pre

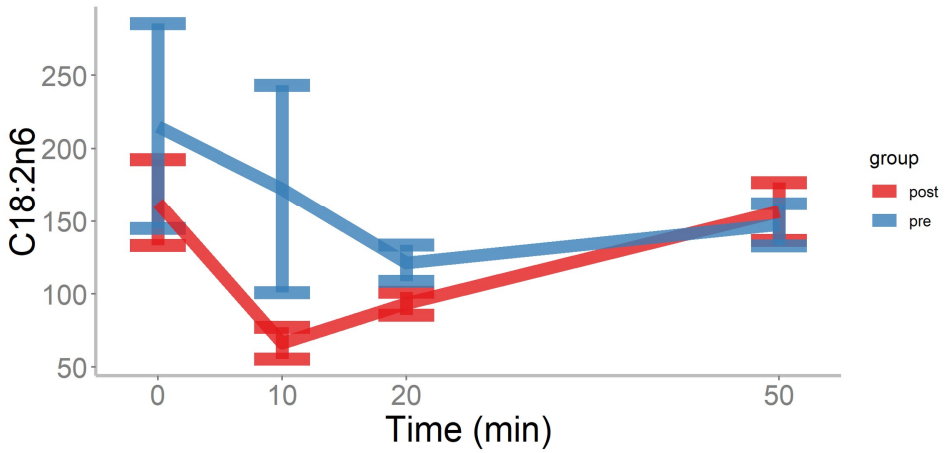

C16:1n7
40
30
20
0
10
20
50
Time (min)
group
post
pre

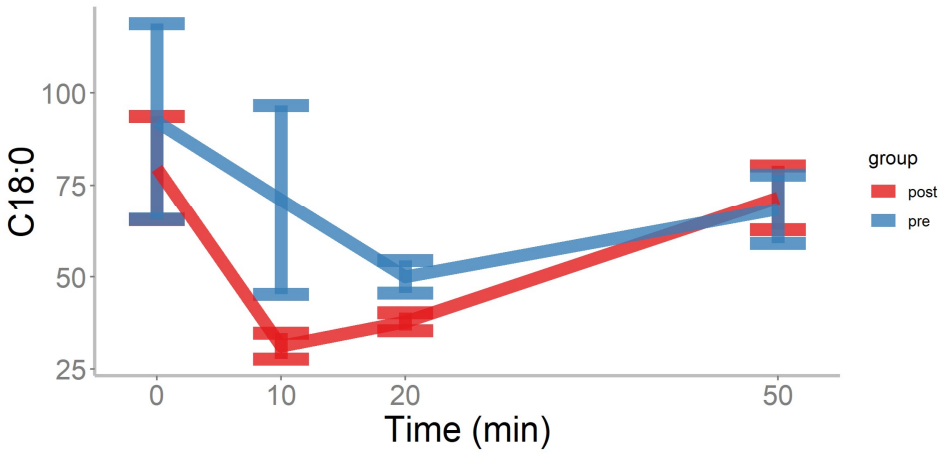

C17:0
5
4
3
2
0
10
20
50
Time (min)
group
post
pre

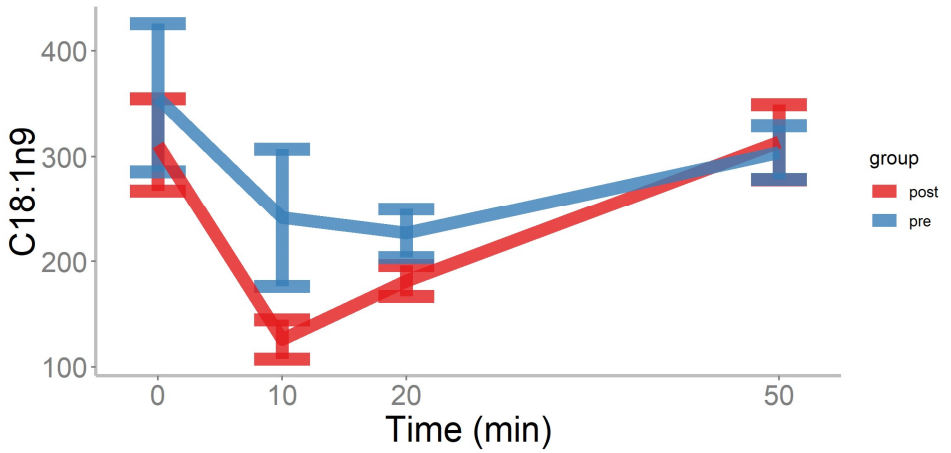

C16:0
400
300
200
100
0
10
20
50
Time (min)
group
post
pre

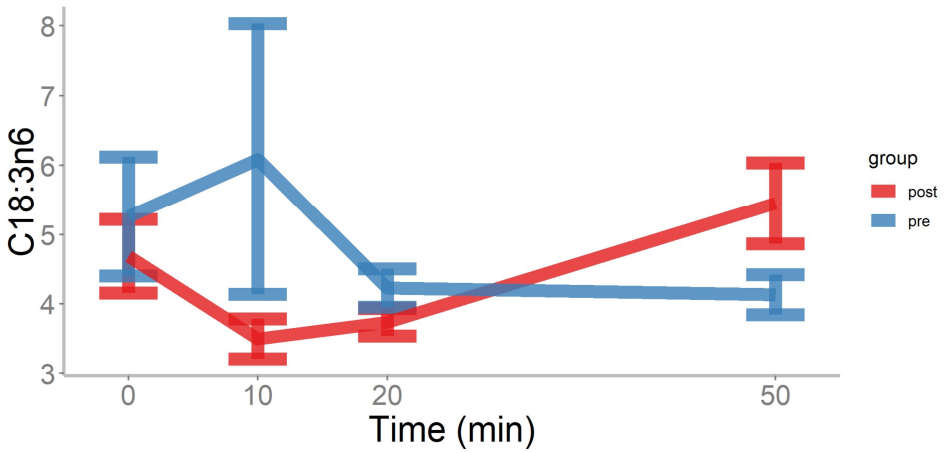

C16:1n7t
10.0
7.5
5.0
2.5
0
10
20
50
Time (min)
group
post
pre

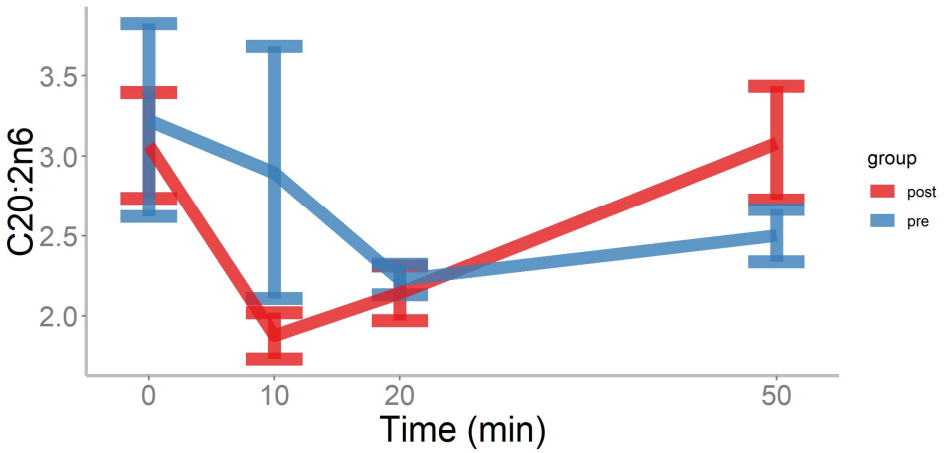

C18:1n7
25
20
15
10
0
10
20
50
Time (min)
group
post
pre

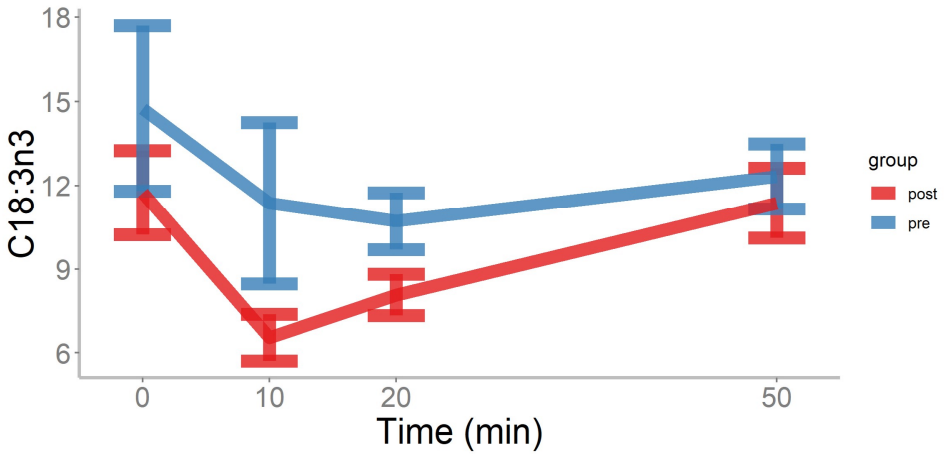

C18:2n6
250
200
150
100
50
0
10
20
50
Time (min)
group
post
pre

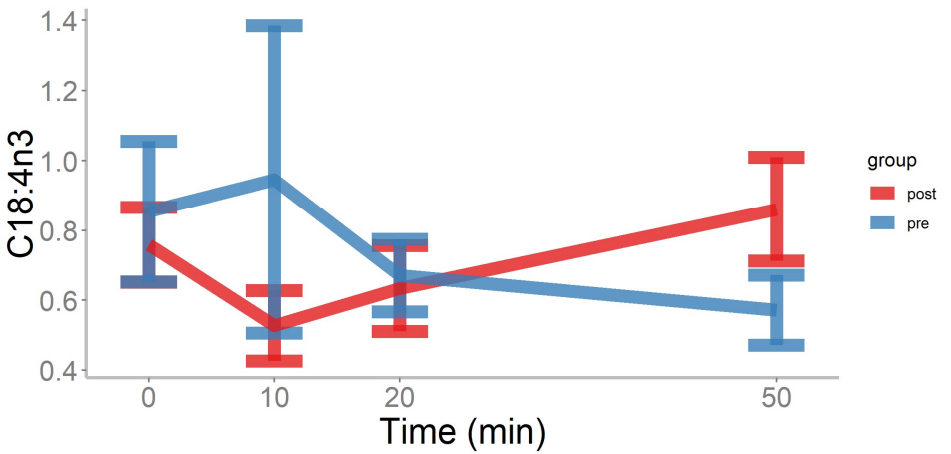

C18:0
100
75
50
25
0
10
20
50
Time (min)
group
post
pre

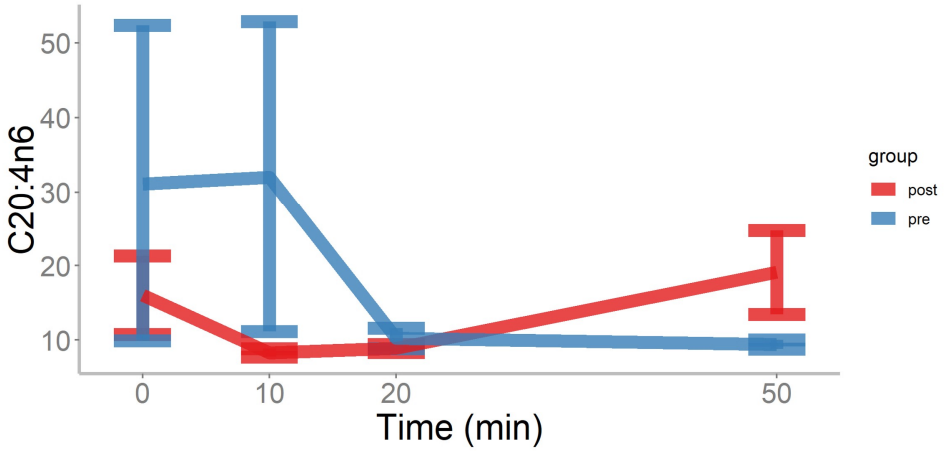

C18:1n9
400
300
200
100
0
10
20
50
Time (min)
group
post
pre

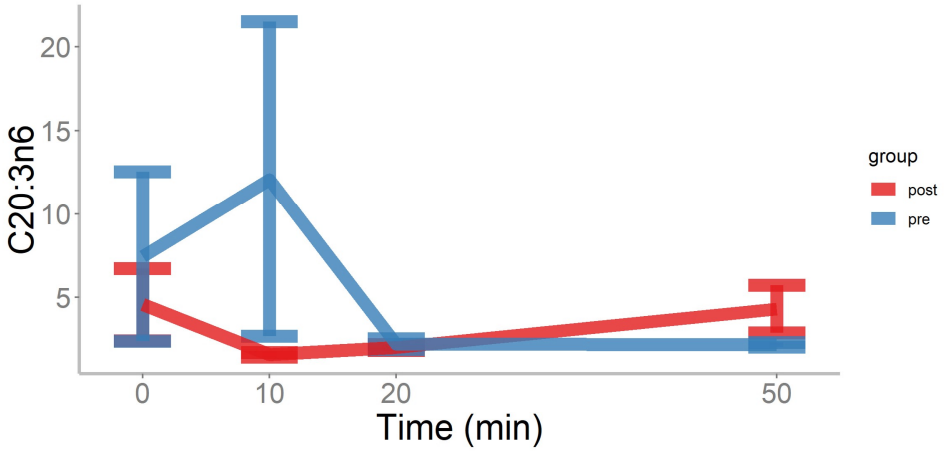

C18:3n6
8
7
6
5
4
3
0
10
20
50
Time (min)
group
post
pre

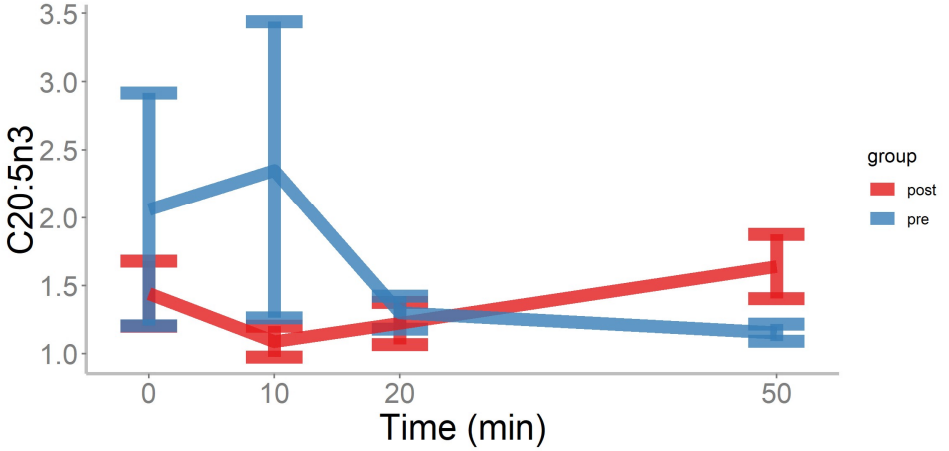

C20:2n6
3.5
3.0
2.5
2.0
0
10
20
50
Time (min)
group
post
pre


C18:3n3
18
15
12
9
6
0
10
20
50
Time (min)
group
post
pre


C18:4n3
1.4
1.2
1.0
0.8
0.6
0.4
0
10
20
50
Time (min)
group
post
pre


C20:4n6
50
40
30
20
10
0
10
20
50
Time (min)
group
post
pre


C20:3n6
20
15
10
5
0
10
20
50
Time (min)
group
post
pre


C20:5n3
3.5
3.0
2.5
2.0
1.5
1.0
0
10
20
50
Time (min)
group
post
pre