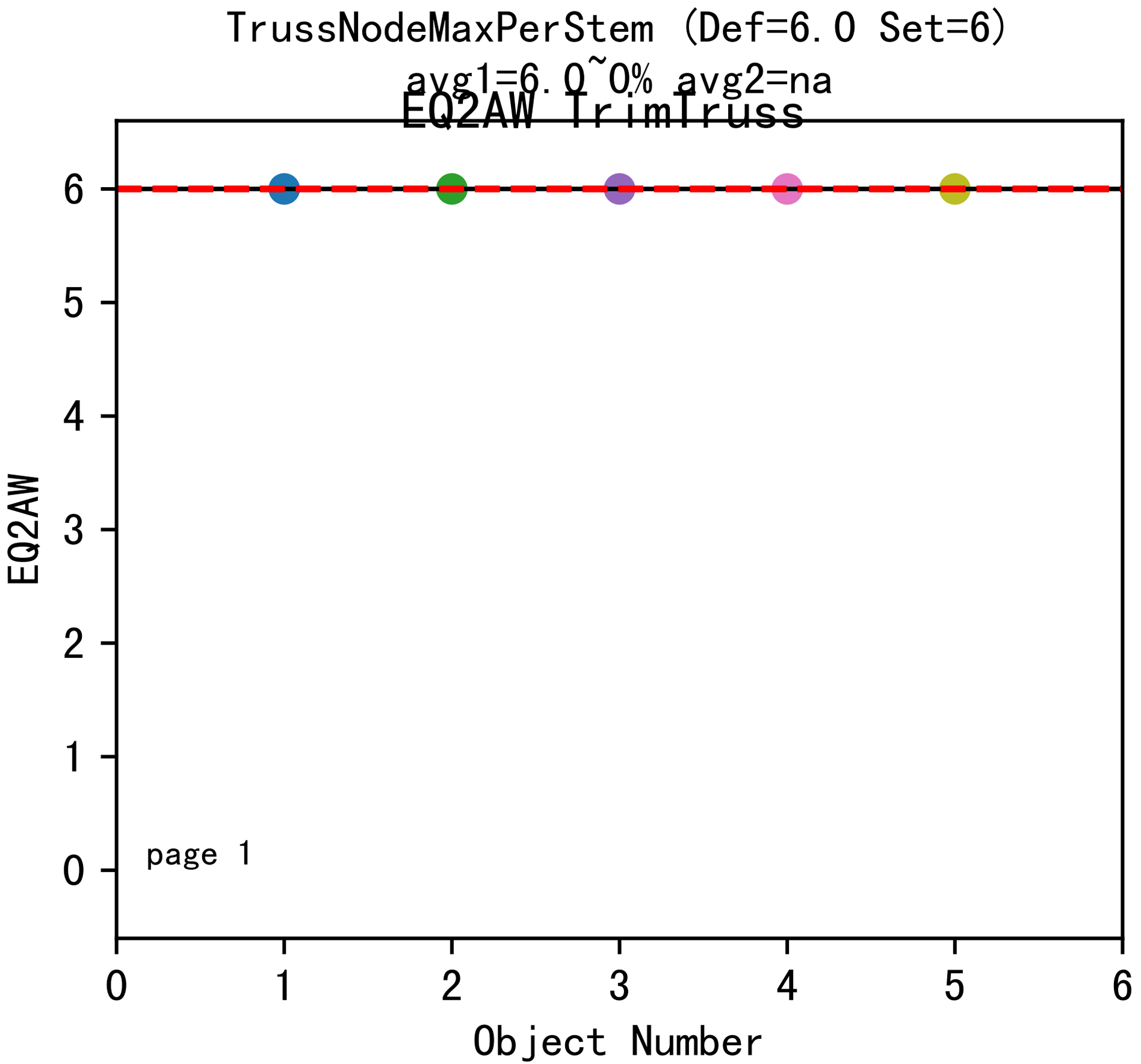
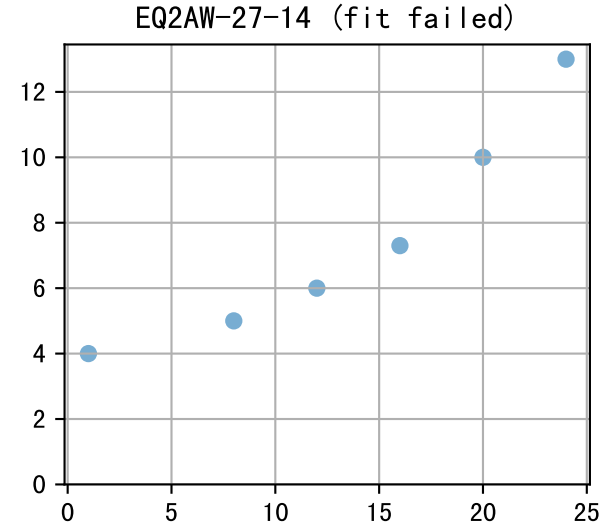
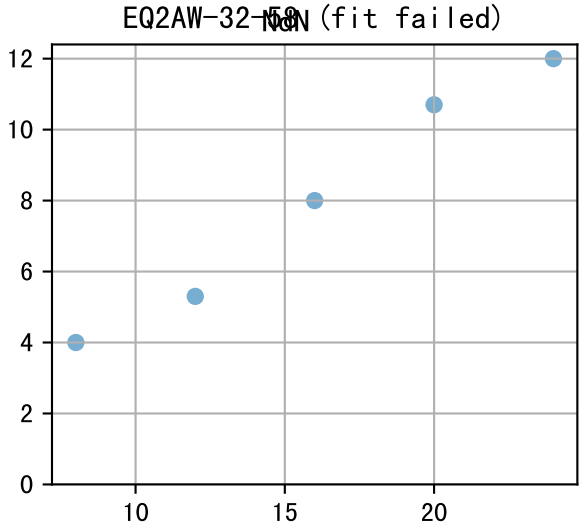
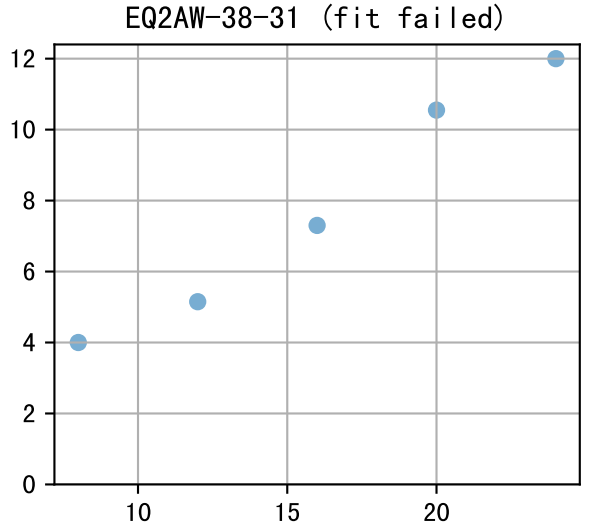
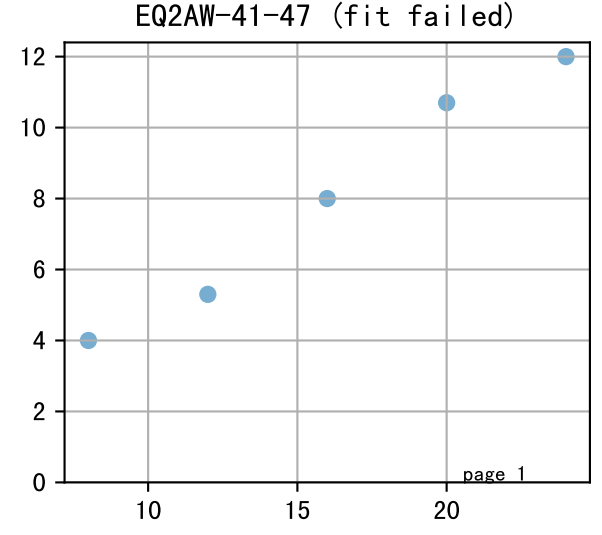
Phenotype Data Analysis Plots
PhenoData day range = 8 - 24
Analysis cutoff day = 24
NC11 EQ2
2025-06-17 (Day 25)

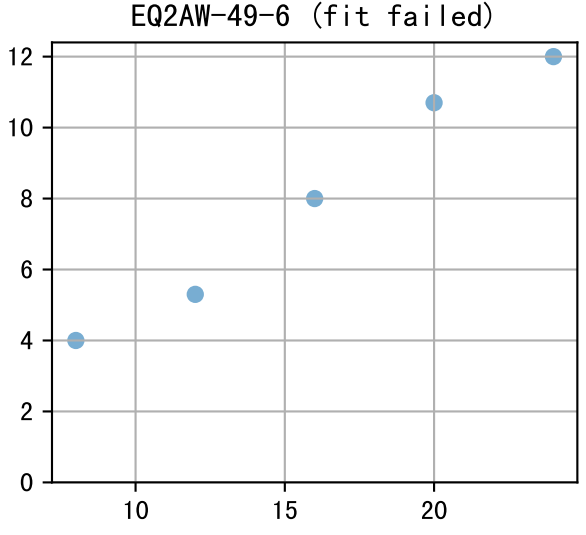

TrussNodeMaxPerStem (Def=6.0 Set=6)
avg1=6.0~0% avg2=na
EQ2AW TrimTruss
EQ2AW
Object Number
page 1
0
1
2
3
4
5
6

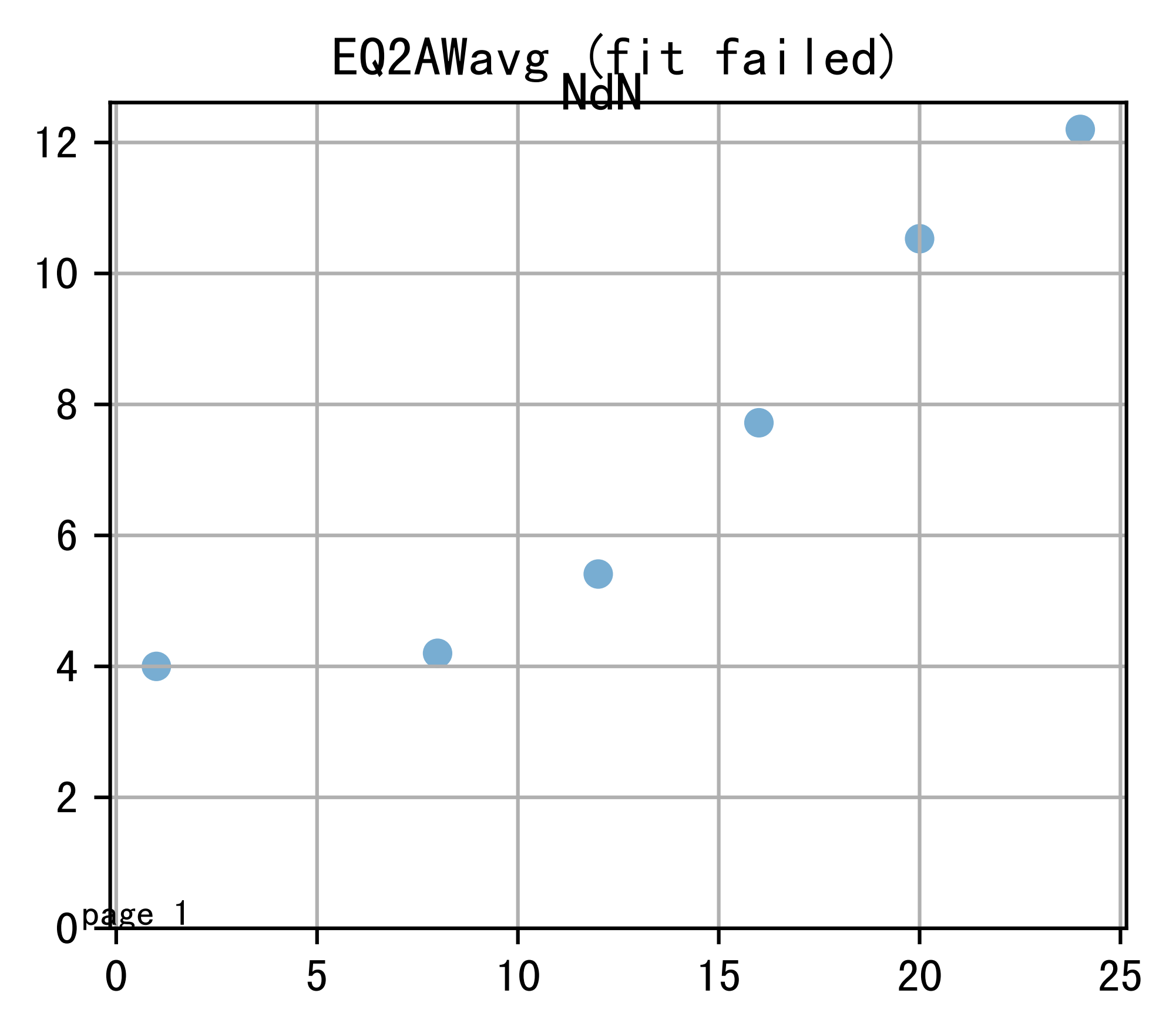

EQ2AW-27-14 (fit failed)

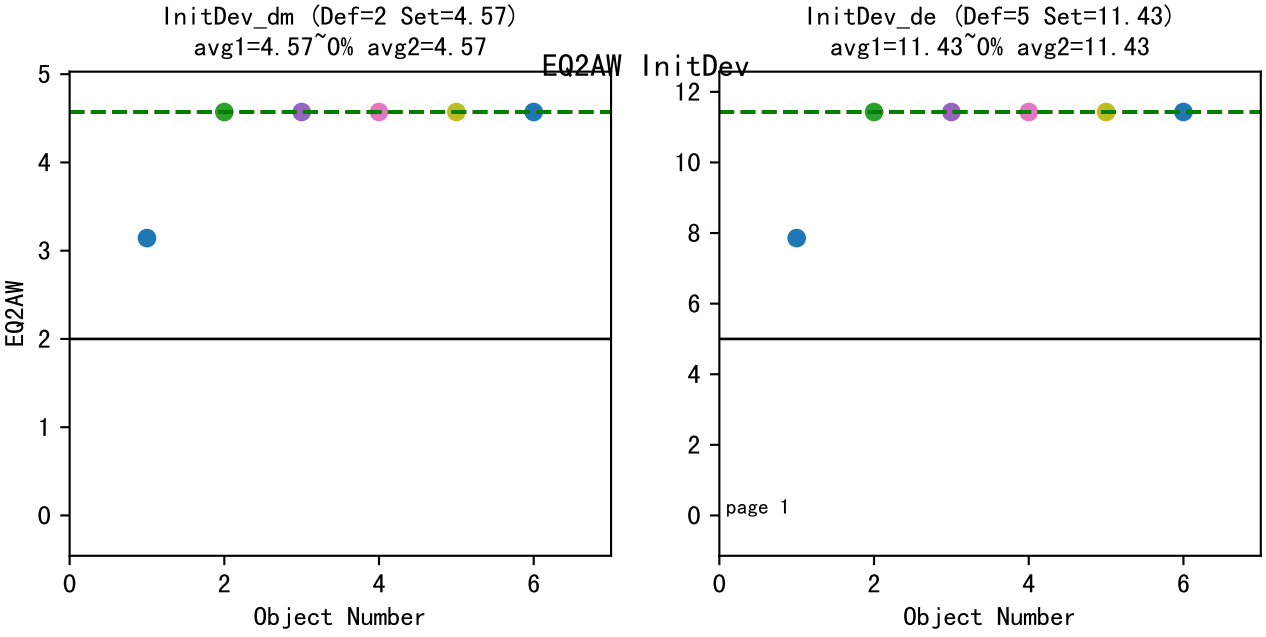

EQ2AW-32-58 (fit failed)

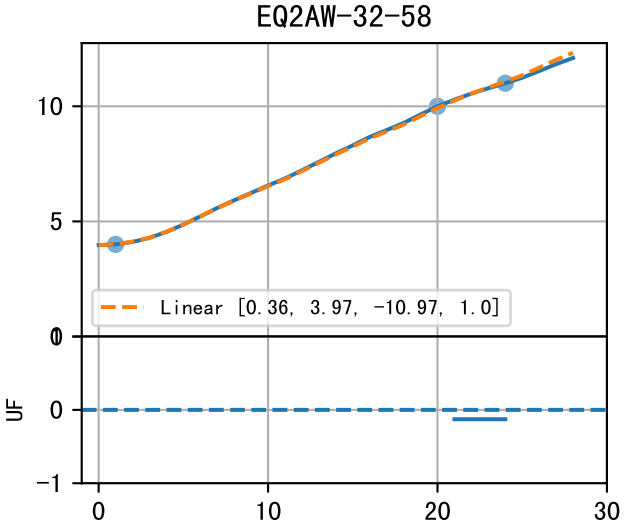

EQ2AW-38-31 (fit failed)

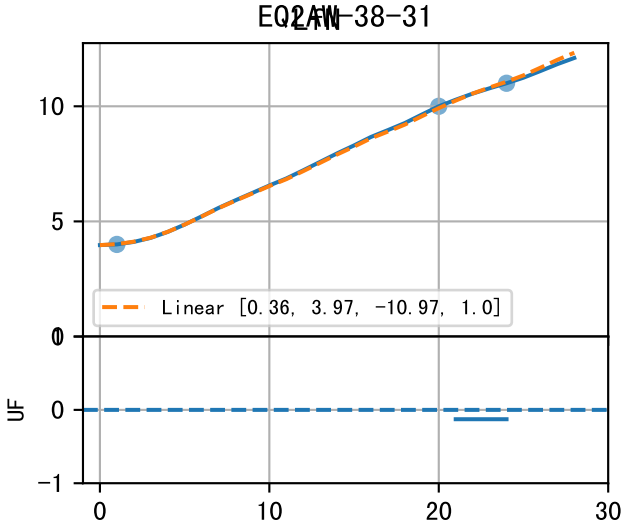

EQ2AW-41-47 (fit failed)
page 1

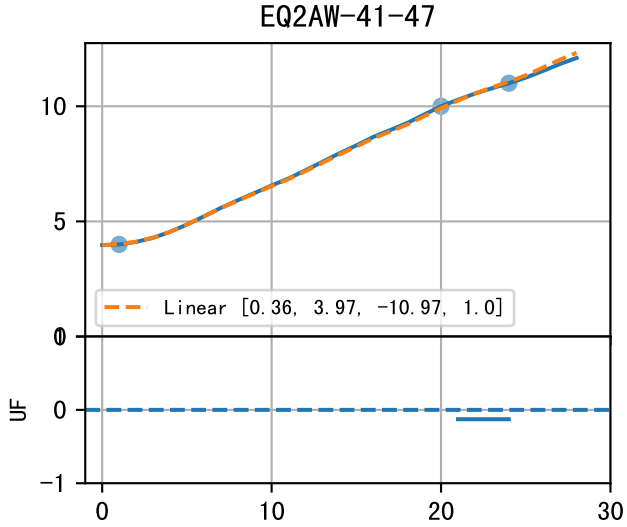

EQ2AW-49-6 (fit failed)

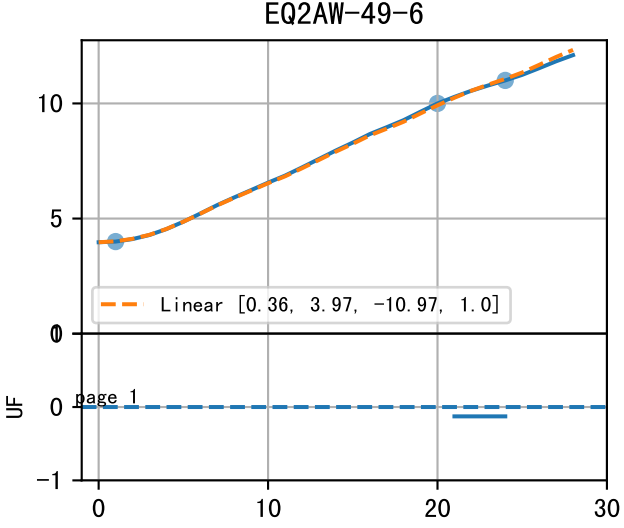

EQ2AWavg (fit failed)
NdN
0
2
4
6
8
10
12
0
5
10
15
20
25
page 1

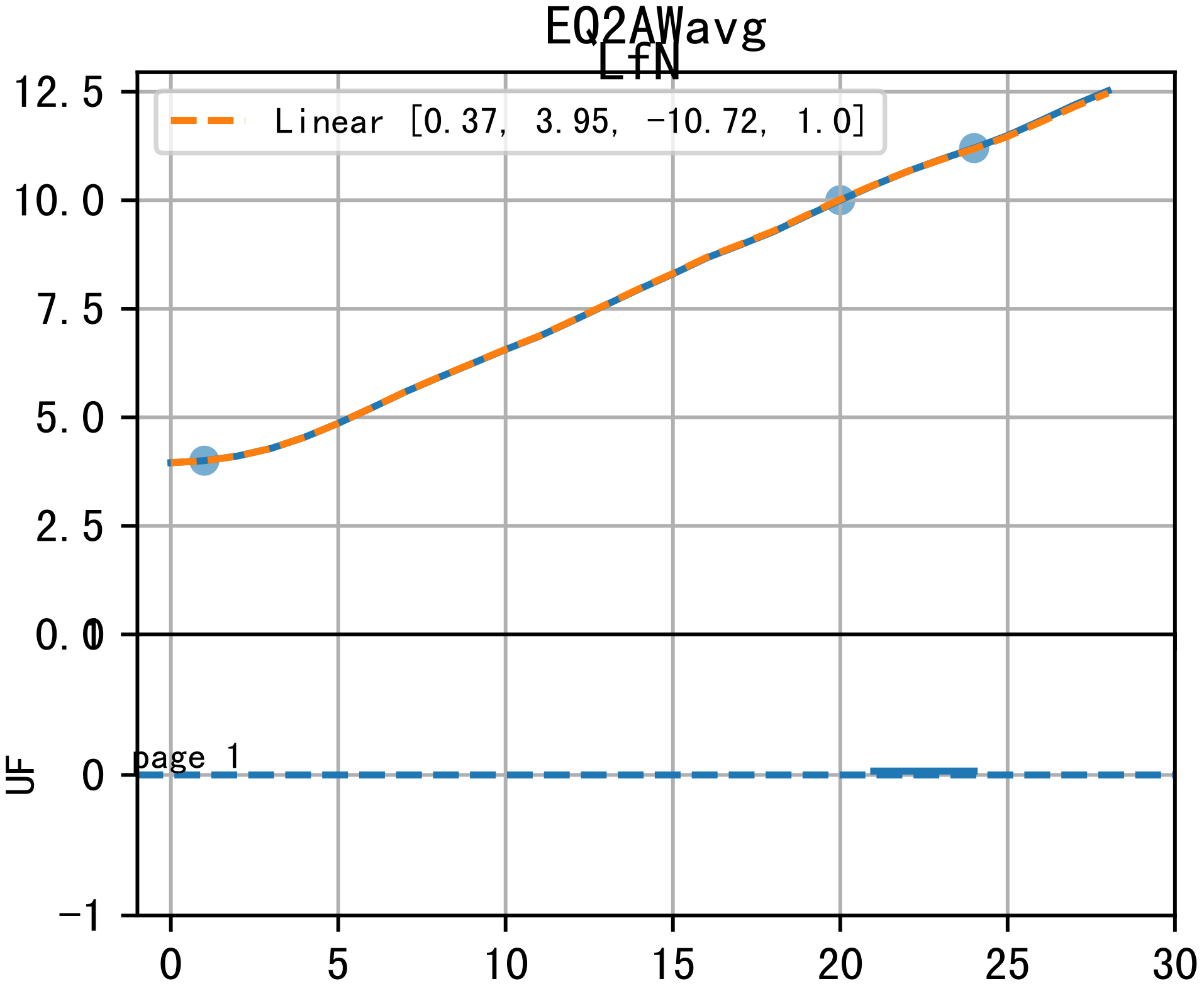

EQ2AW InitDev
InitDev_dm (Def=2 Set=4.57)
avg1=4.57~0% avg2=4.57
InitDev_de (Def=5 Set=11.43)
avg1=11.43~0% avg2=11.43
EQ2AW
Object Number
Object Number
page 1

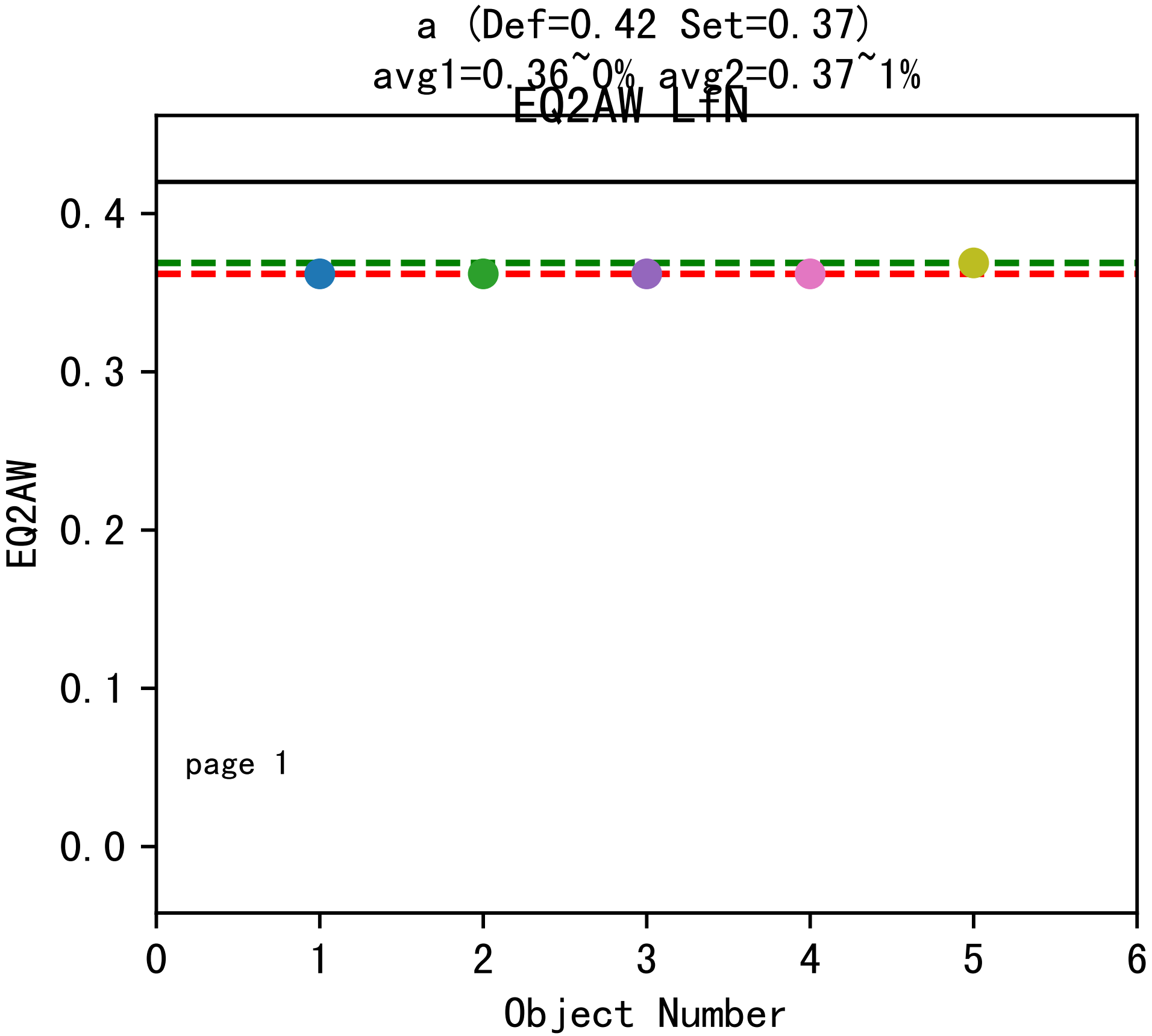

EQ2AW-32-58
Linear [0.36, 3.97, -10.97, 1.0]
UF


EQ2AW-38-31
Linear [0.36, 3.97, -10.97, 1.0]
UF

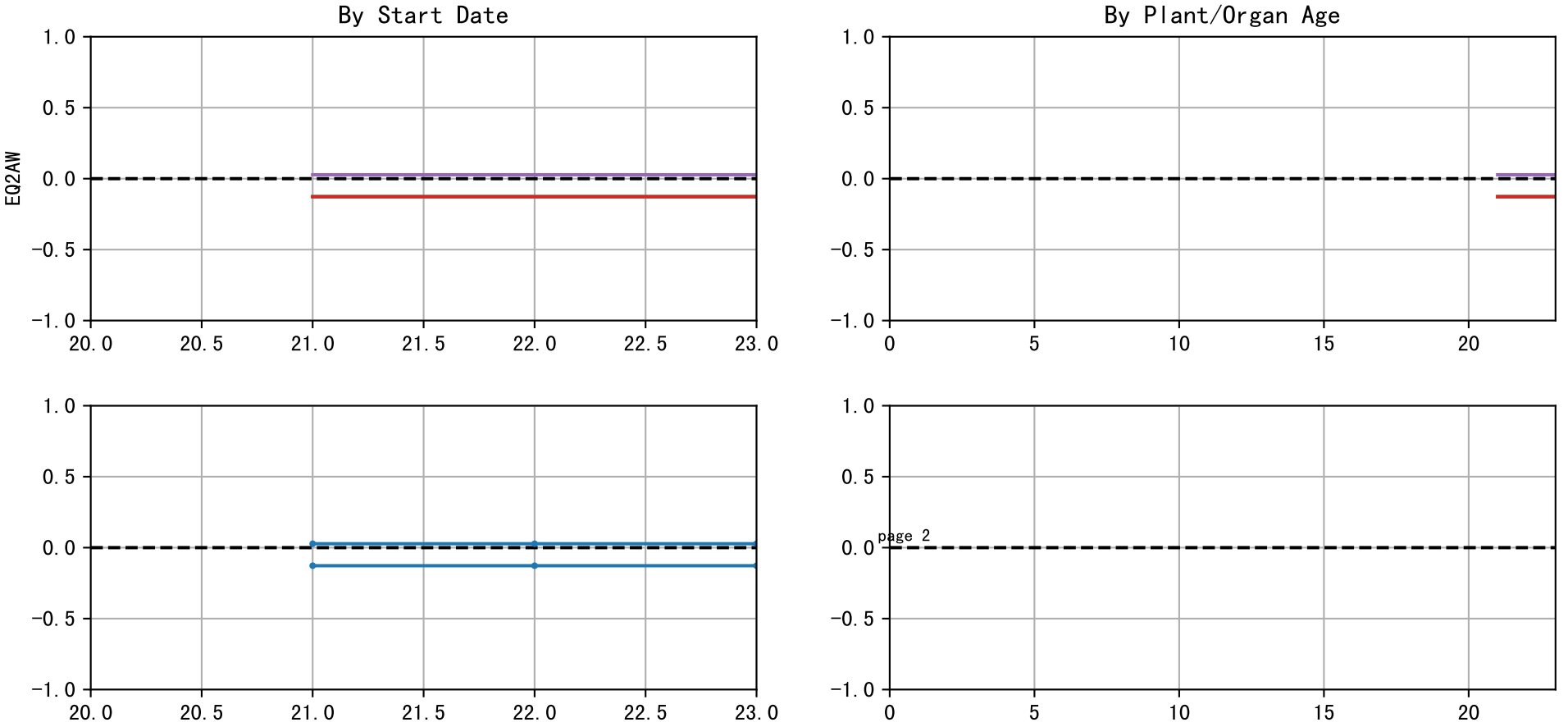

EQ2AW-41-47
Linear [0.36, 3.97, -10.97, 1.0]
UF

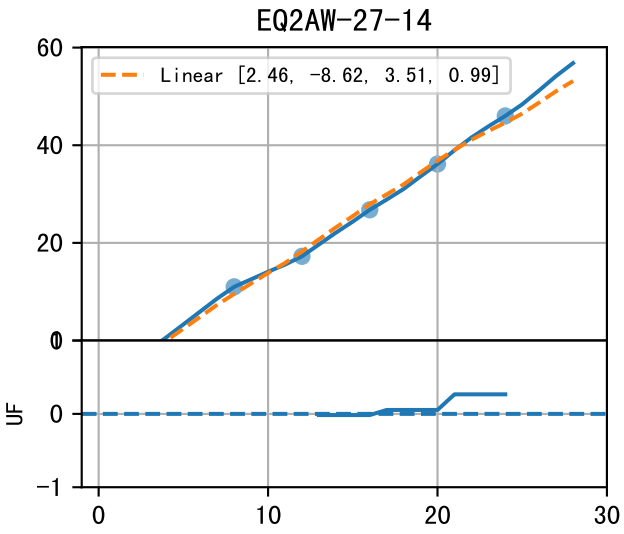

EQ2AW-49-6
Linear [0.36, 3.97, -10.97, 1.0]
UF

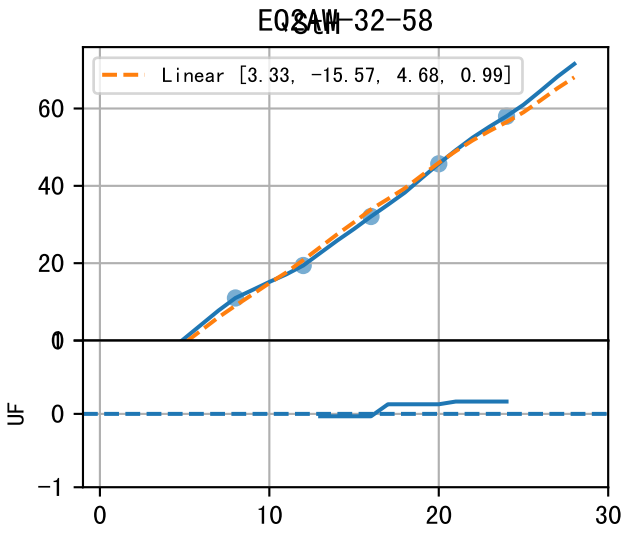

EQ2AWavg
LfN
Linear [0.37, 3.95, -10.72, 1.0]
12.5
10.0
7.5
5.0
2.5
0.0
0
−1
UF
page 1
0
5
10
15
20
25
30

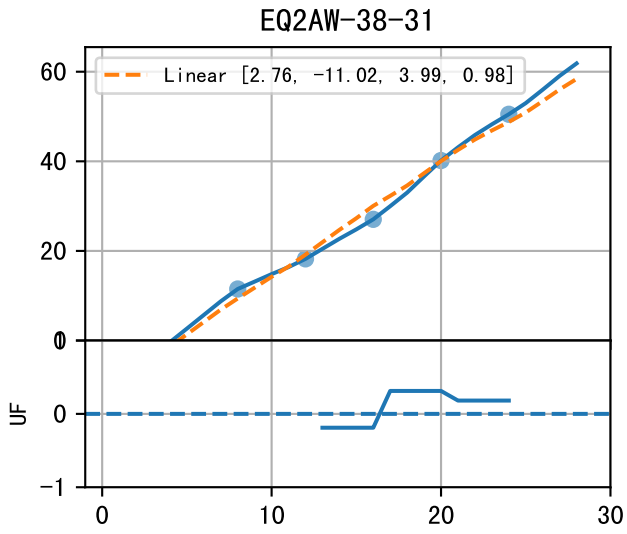

a (Def=0.42 Set=0.37)
avg1=0.36~0% avg2=0.37~1%
EQ2AW LfN
0.4
0.3
0.2
0.1
0.0
EQ2AW
page 1
0
1
2
3
4
5
6
Object Number

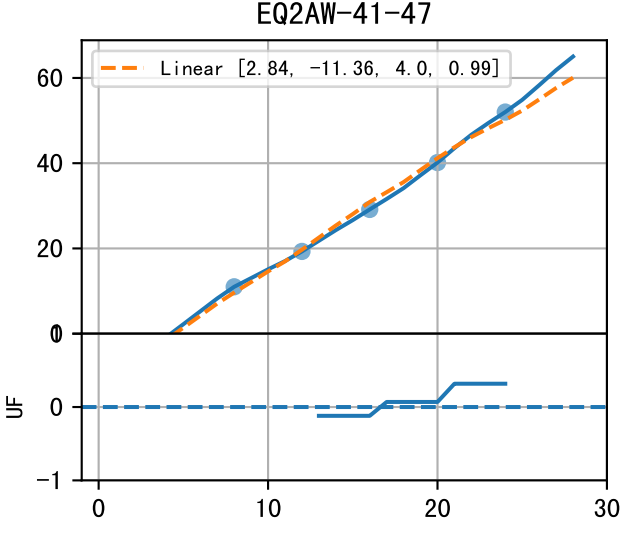
LfN

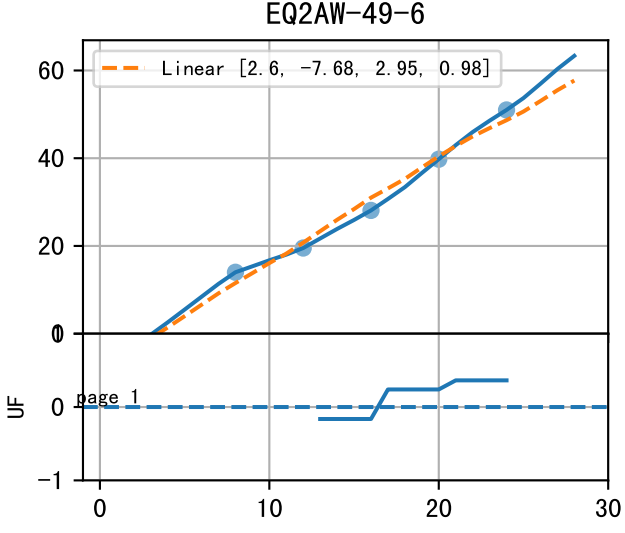

By Start Date
By Plant/Organ Age
EQ2AW
1.0
0.5
0.0
−0.5
−1.0
20.0
20.5
21.0
21.5
22.0
22.5
23.0
0
5
10
15
20
page 2

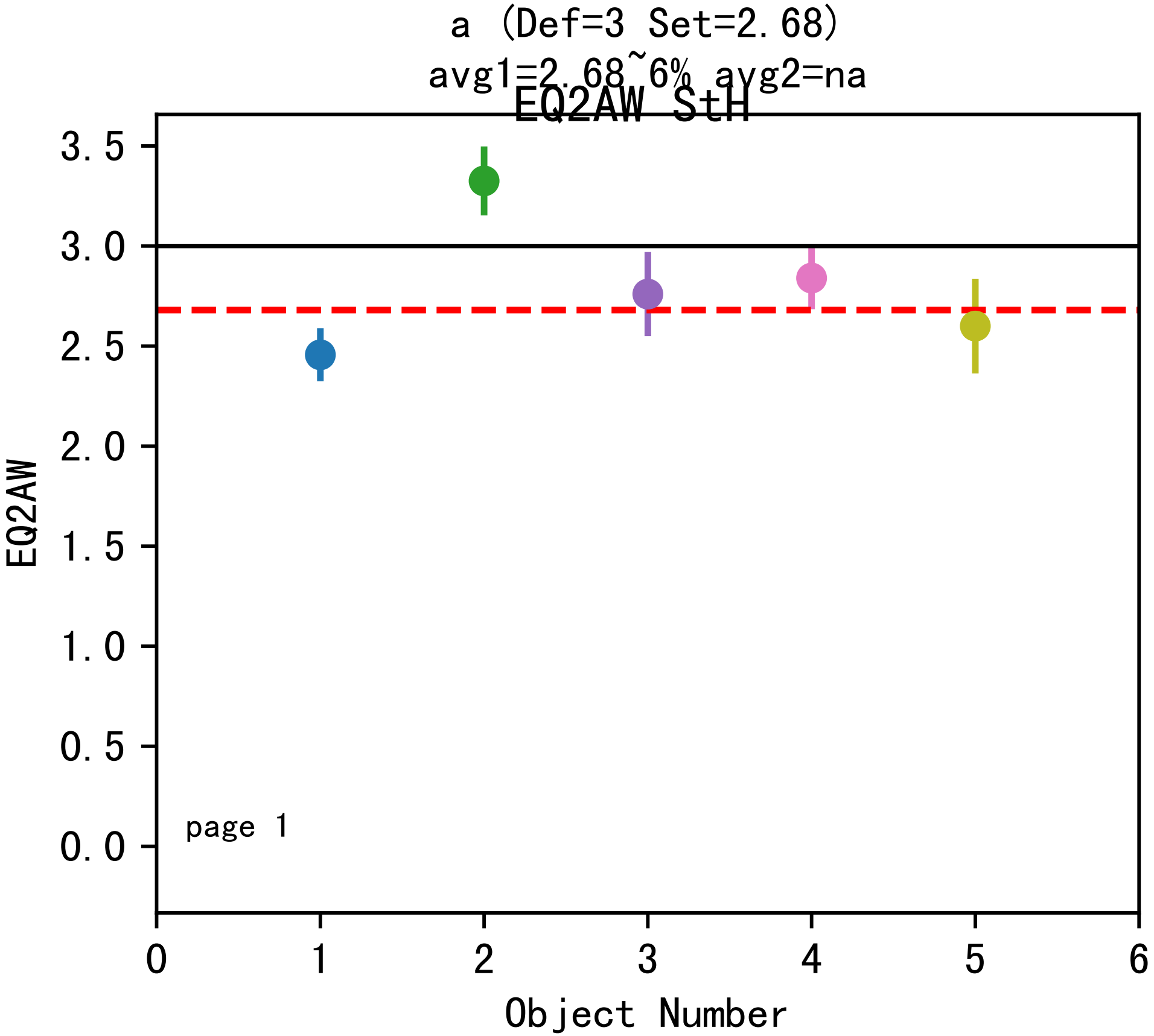

EQ2AW-27-14
Linear [2.46, -8.62, 3.51, 0.99]
UF


EQ2AW-32-58
Linear [3.33, -15.57, 4.68, 0.99]
UF

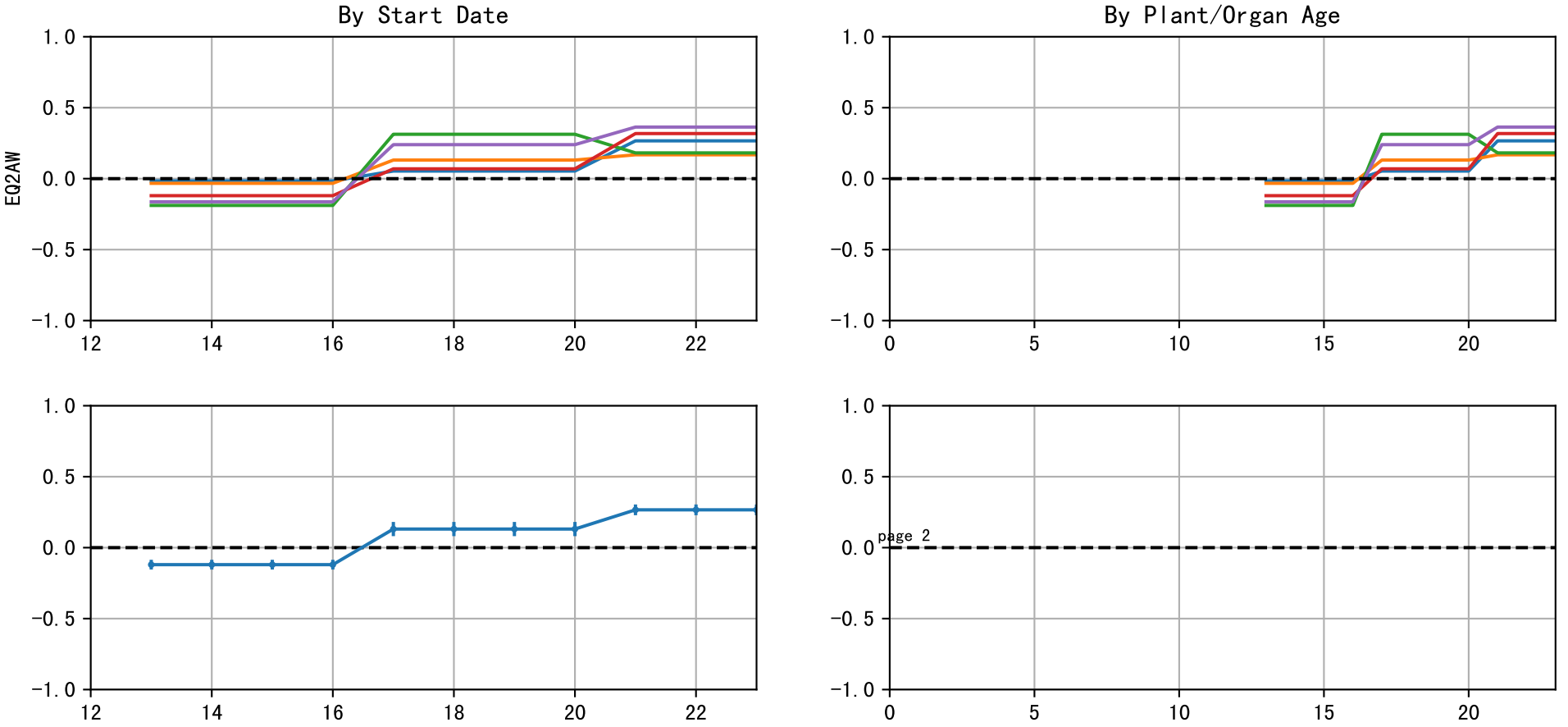

EQ2AW-38-31
Linear [2.76, -11.02, 3.99, 0.98]
UF

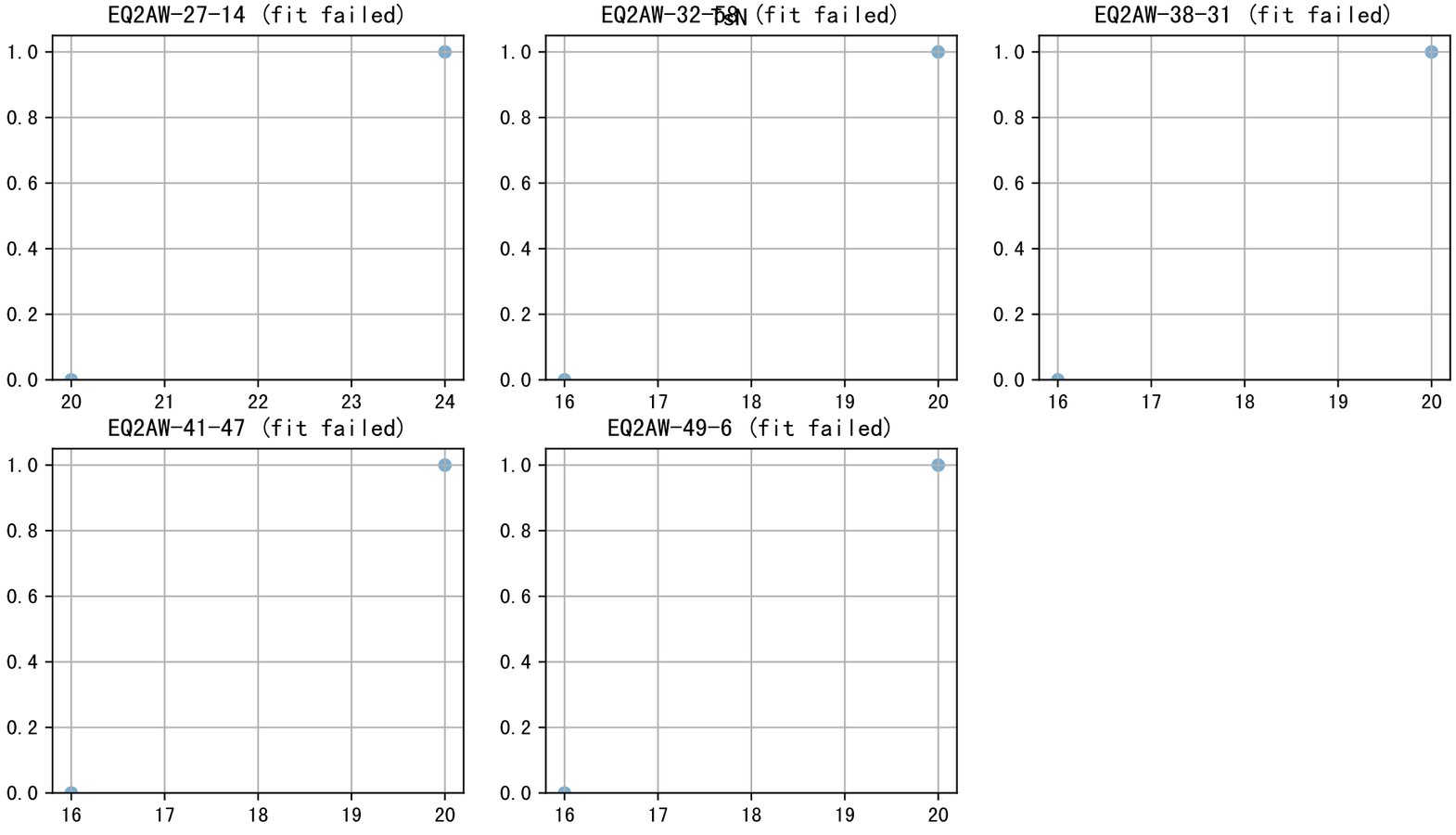

EQ2AW-41-47
Linear [2.84, -11.36, 4.0, 0.99]
UF

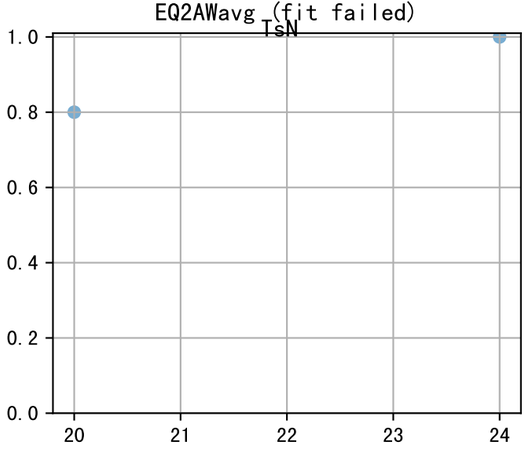

EQ2AW-49-6
Linear [2.6, -7.68, 2.95, 0.98]
UF

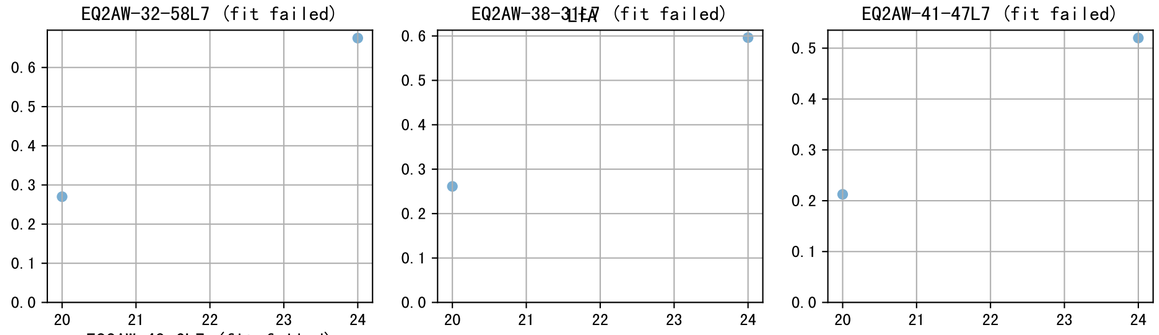

a (Def=3 Set=2.68)
avg1=2.68~6% avg2=na
EQ2AW StH
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
EQ2AW
page 1
0
1
2
3
4
5
6
Object Number

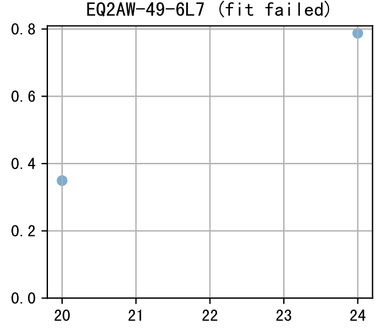
StH

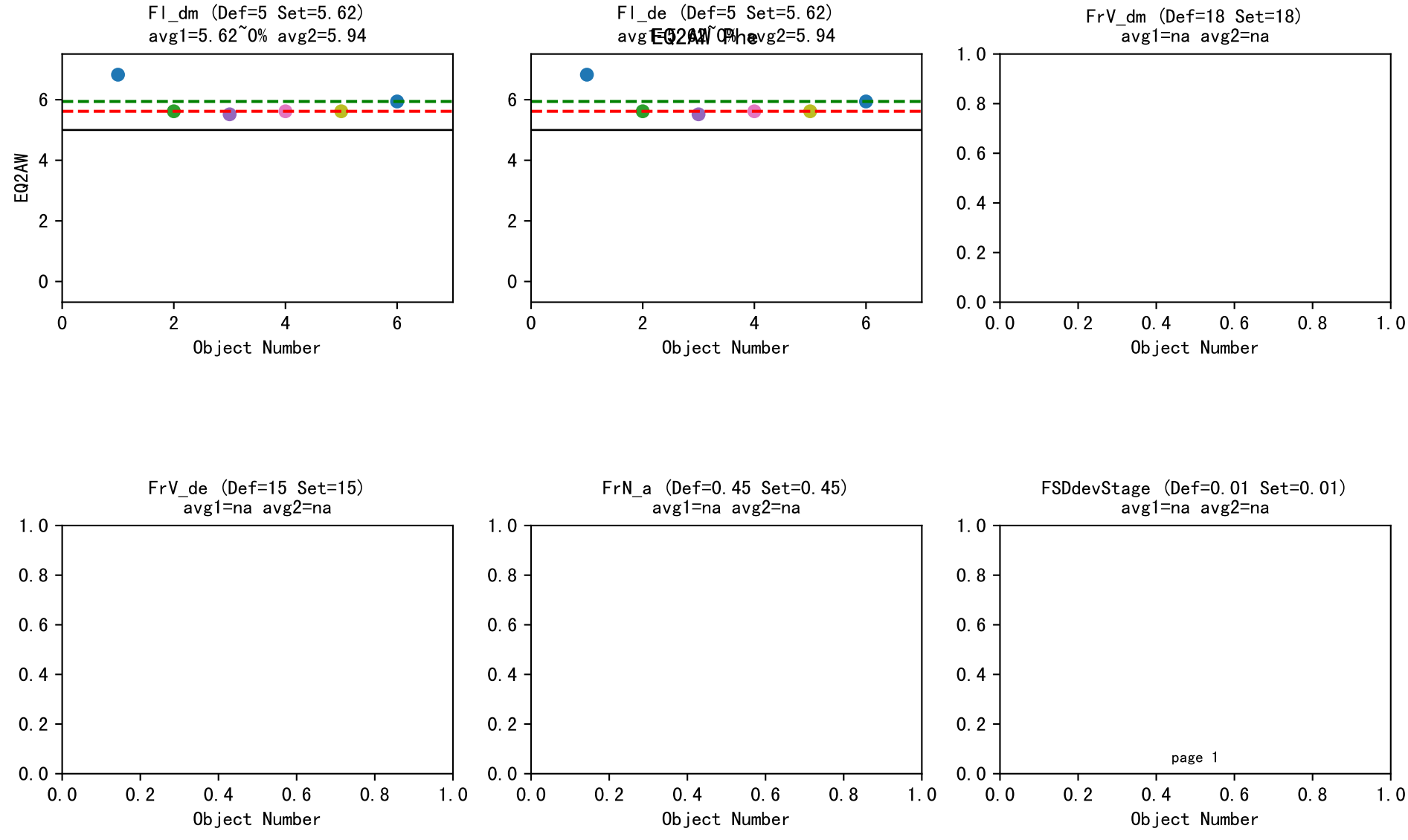

By Start Date
By Plant/Organ Age
EQ2AW
1.0
0.5
0.0
−0.5
−1.0
12
14
16
18
20
22
0
5
10
15
20
page 2

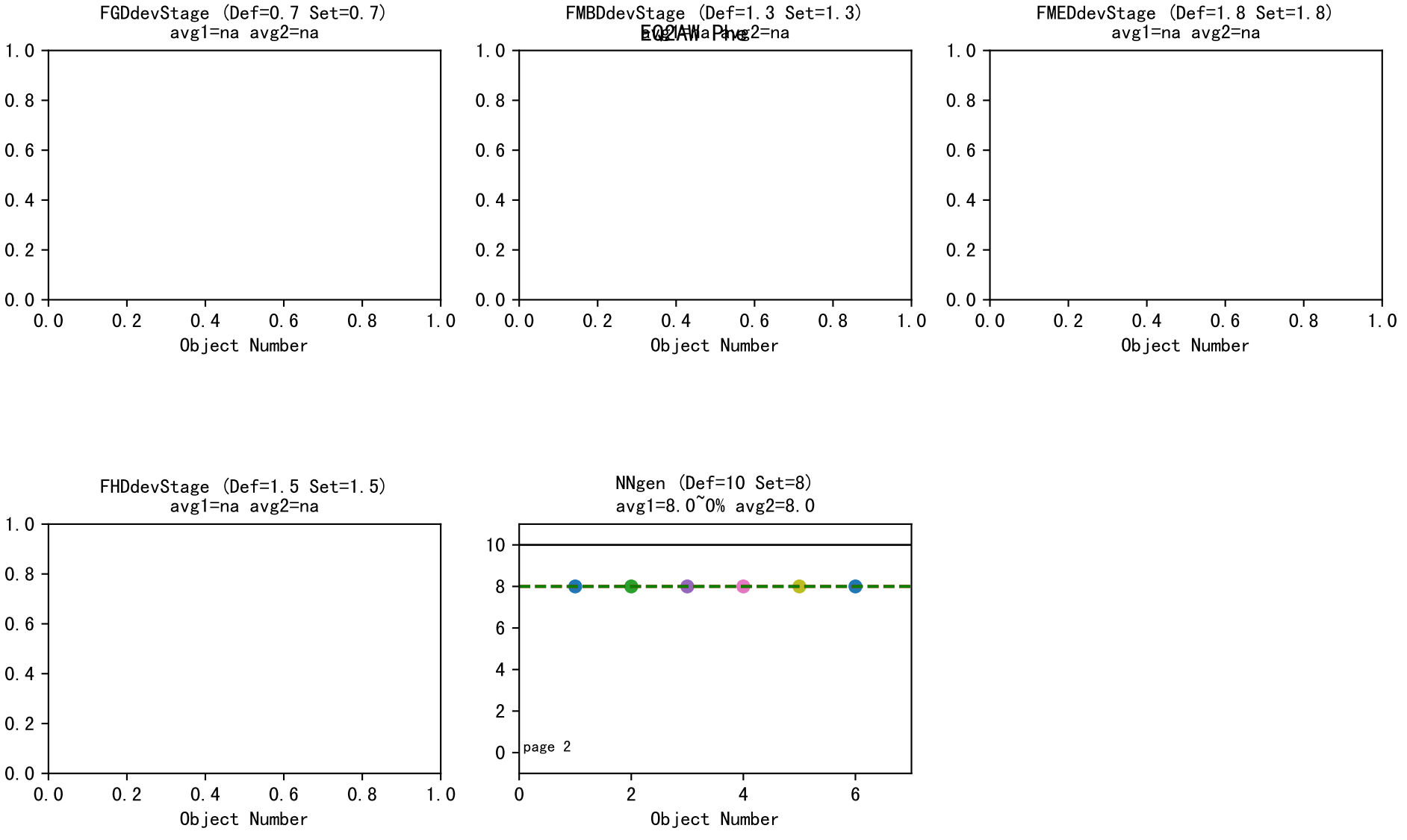

EQ2AW-27-14 (fit failed)
EQ2AW-32-58 (fit failed)
EQ2AW-38-31 (fit failed)
EQ2AW-41-47 (fit failed)
EQ2AW-49-6 (fit failed)
PSN
1.0
0.8
0.6
0.4
0.2
0.0
20
21
22
23
24
16
17
18
19
20


EQ2AWavg (fit failed)
TsN
1.0
0.8
0.6
0.4
0.2
0.0
20
21
22
23
24

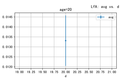

EQ2AW-32-58L7 (fit failed)
EQ2AW-38-31L7 (fit failed)
EQ2AW-41-47L7 (fit failed)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
20
21
22
23
24

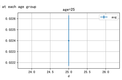

EQ2AW-49-6L7 (fit failed)
0.0
0.2
0.4
0.6
0.8
20
21
22
23
24

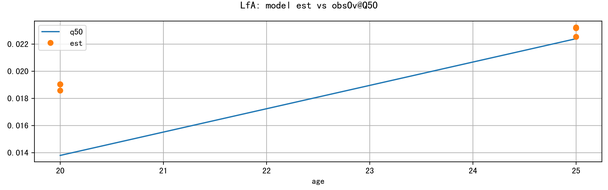

Fl_dm (Def=5 Set=5.62)
avg1=5.62~0% avg2=5.94
Fl_de (Def=5 Set=5.62)
avg1=5.62~0% avg2=5.94
FrV_dm (Def=18 Set=18)
avg1=na avg2=na
FrV_de (Def=15 Set=15)
avg1=na avg2=na
FrN_a (Def=0.45 Set=0.45)
avg1=na avg2=na
FSDdevStage (Def=0.01 Set=0.01)
avg1=na avg2=na
EQ2AW
Object Number
page 1


FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na
FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na
NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=8.0
page 2
Object Number

LTV, avg vs. # of each age group

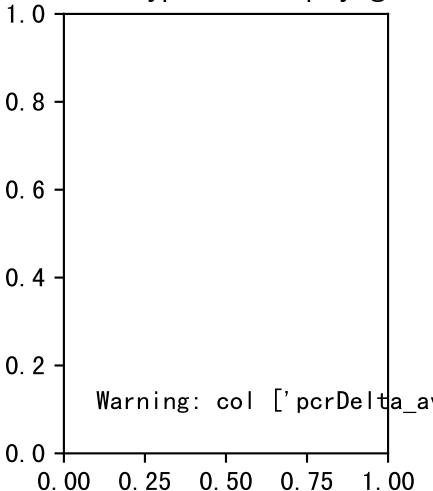





LfA: model est vs obs0v@Q50
q50
est
0.022
0.020
0.018
0.016
0.014
20
21
22
23
24
25
age

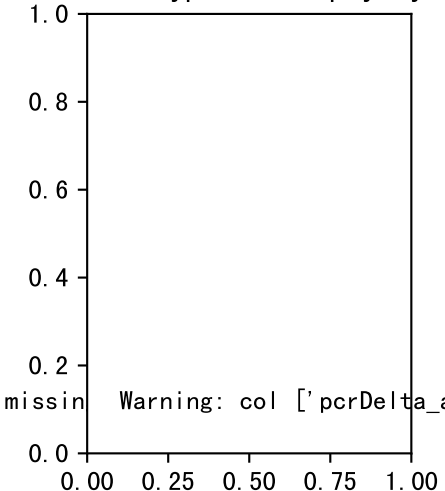
EQ2AW LfA: D_5d_LfA

DeltaTypeAbbr=GrpByAge



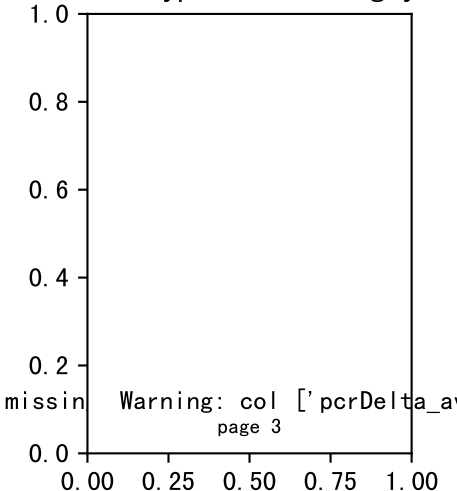
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missin

DeltaTypeAbbr=GrpByDay



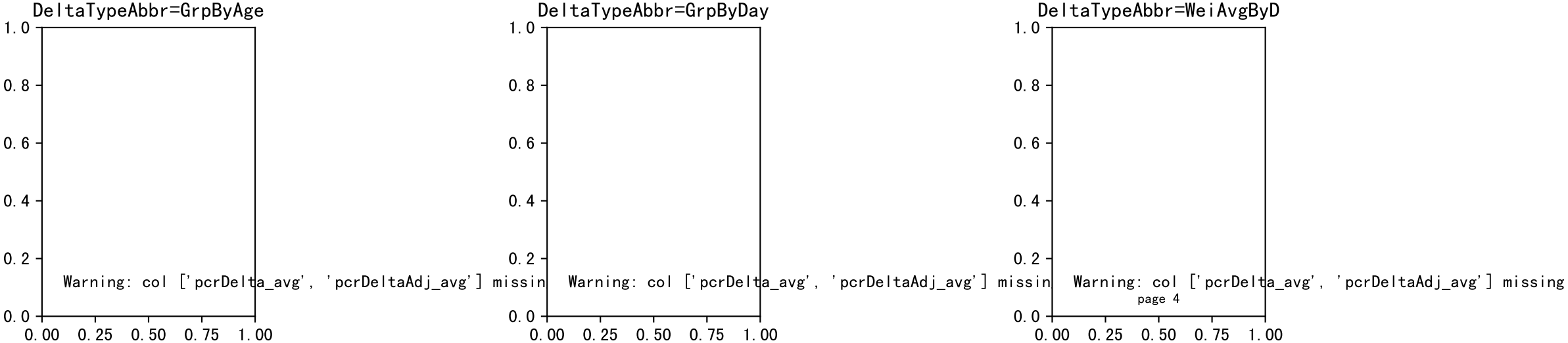
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missin

DeltaTypeAbbr=WeiAvgByD

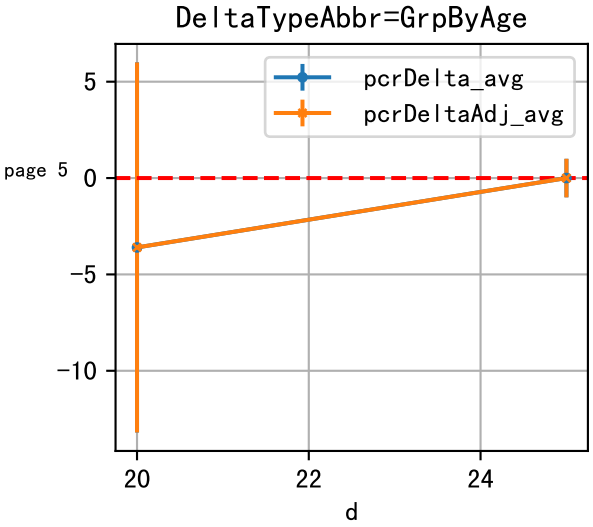


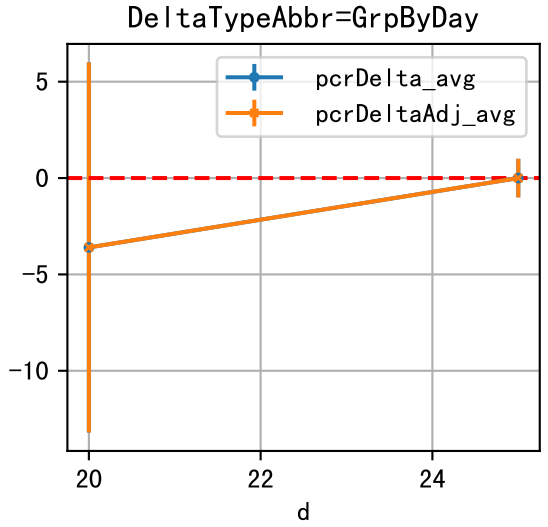
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missing

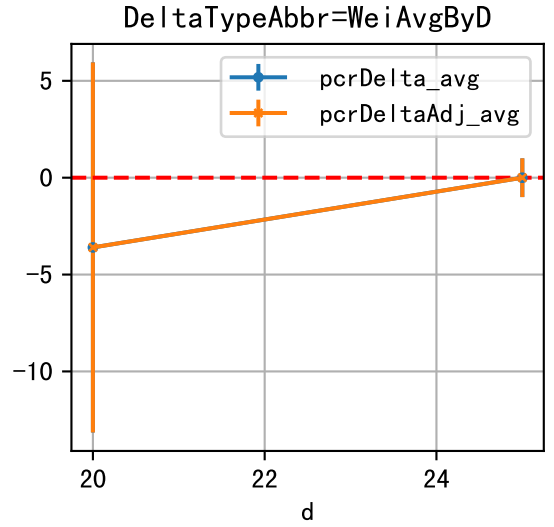
EQ2AW LfA: D_15d_LfA



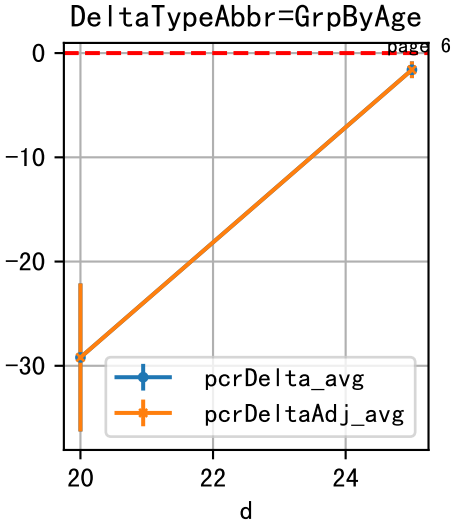
EQ2AW LfA: D_Q50_LfA

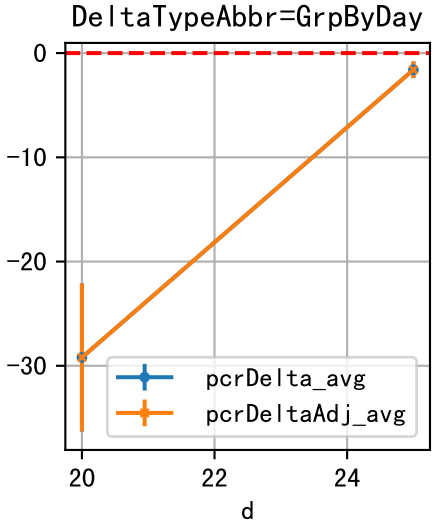


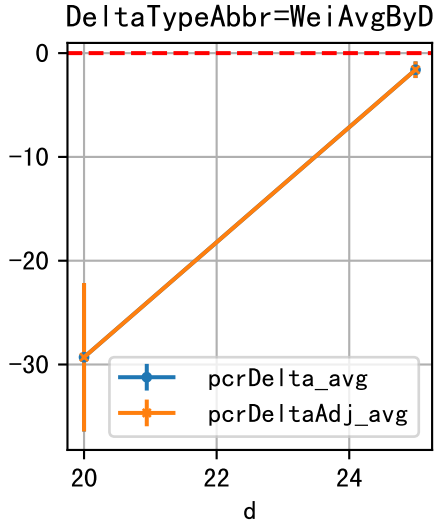


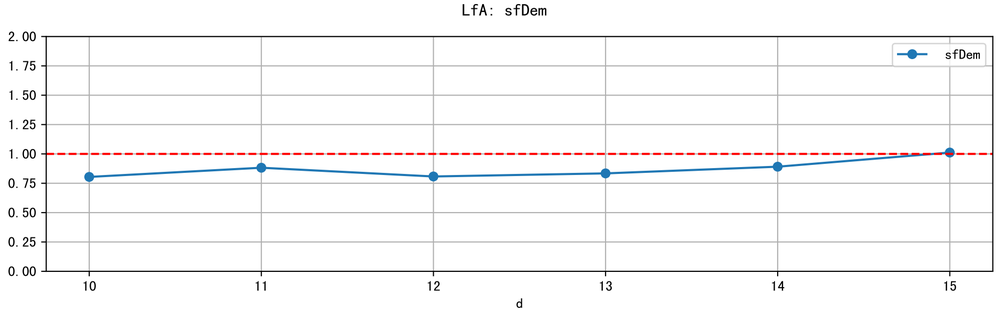


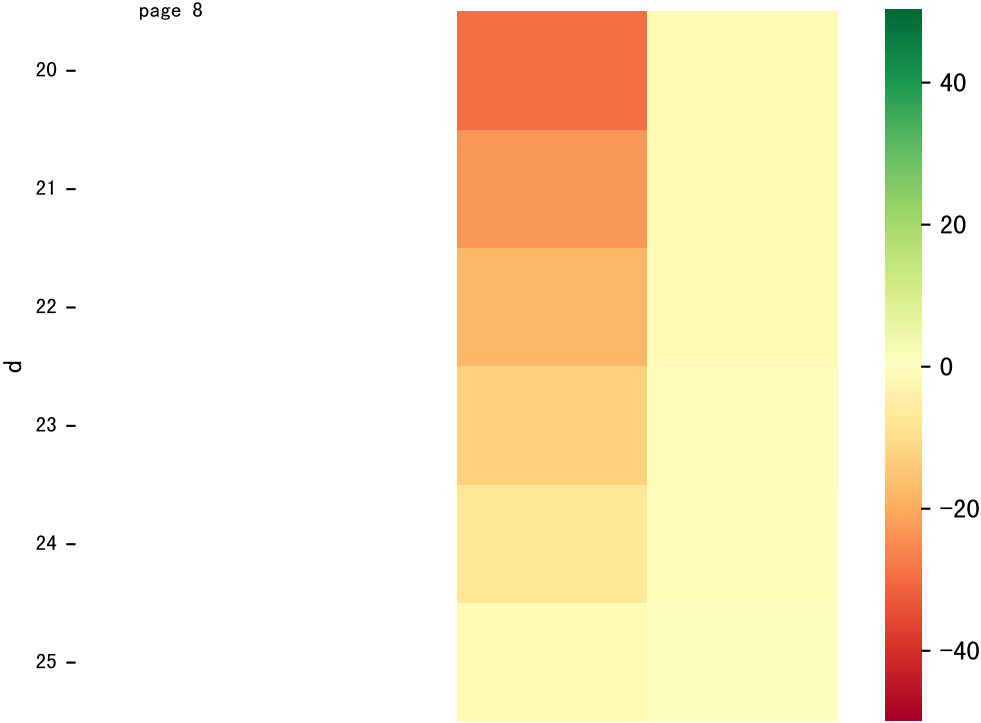
EQ2AW LfA: D_Est_LfA

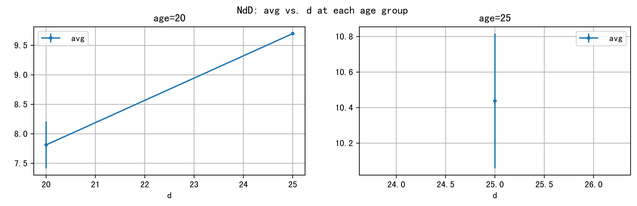


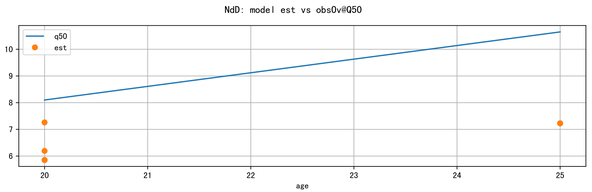




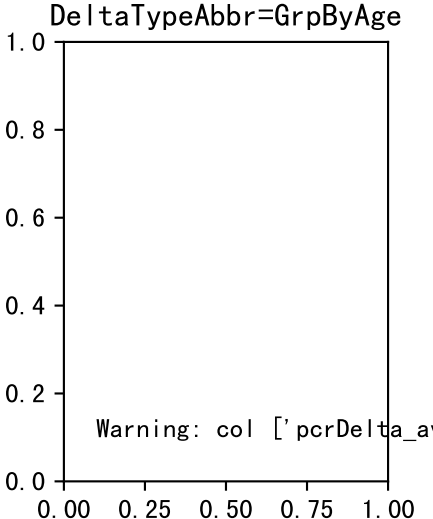

LfA: sfDem
sfDem
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
10
11
12
13
14
15
d

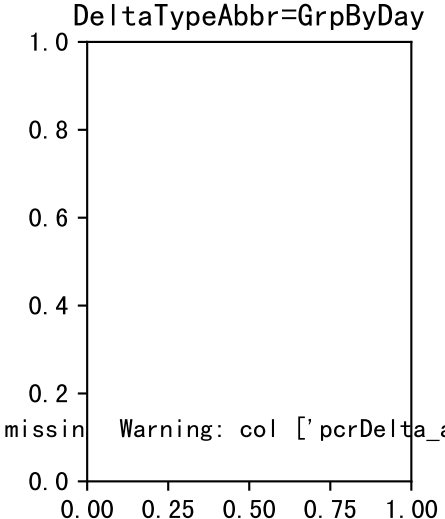

20
21
22
23
24
25
d
40
20
0
−20
−40

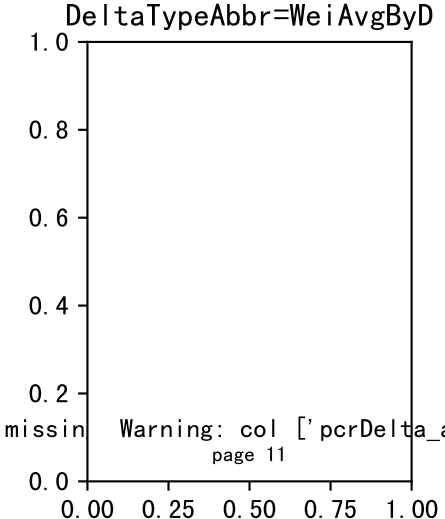

NdD: avg vs. d at each age group
age=20
avg
9.5
9.0
8.5
8.0
7.5
20
21
22
23
24
25
d
age=25
avg
10.8
10.6
10.4
10.2
24.0
24.5
25.0
25.5
26.0
d


NdD: model est vs obs0v@Q50
q50
est
10
9
8
7
6
20
21
22
23
24
25
age

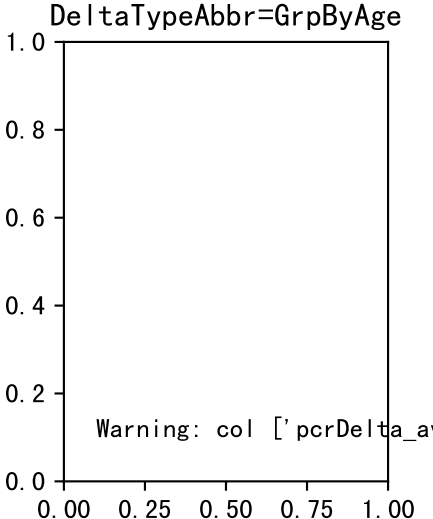
EQ2AW NdD: D_5d_NdD

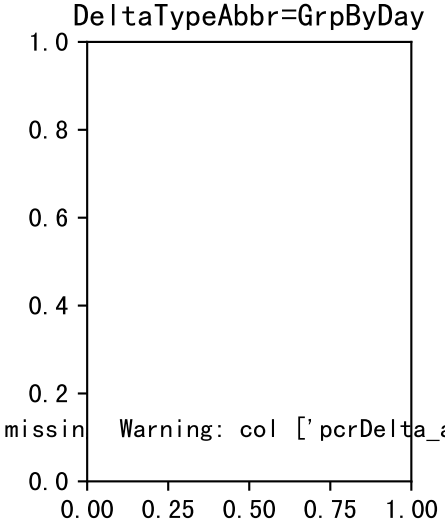


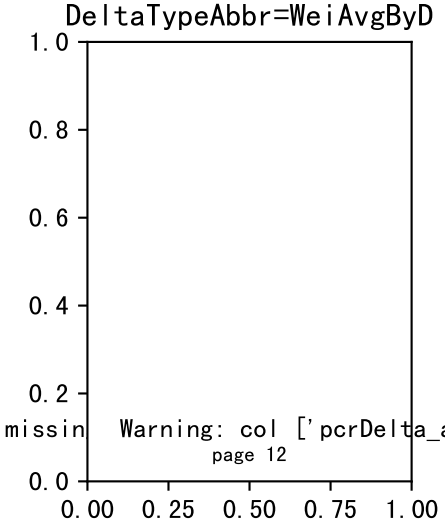




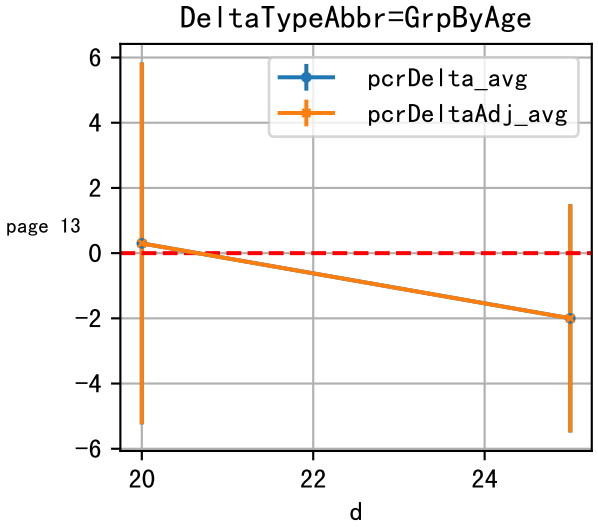
EQ2AW NdD: D_15d_NdD

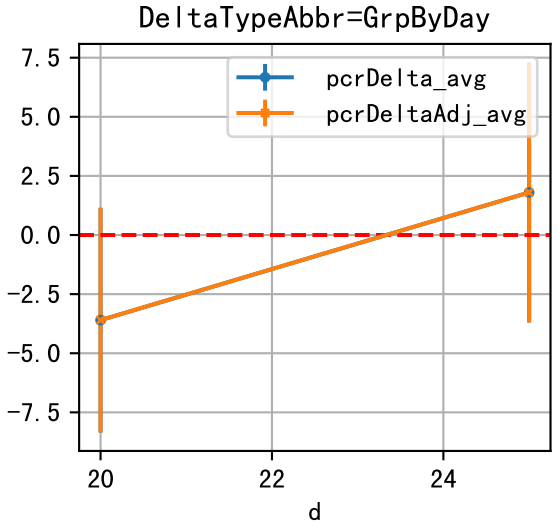


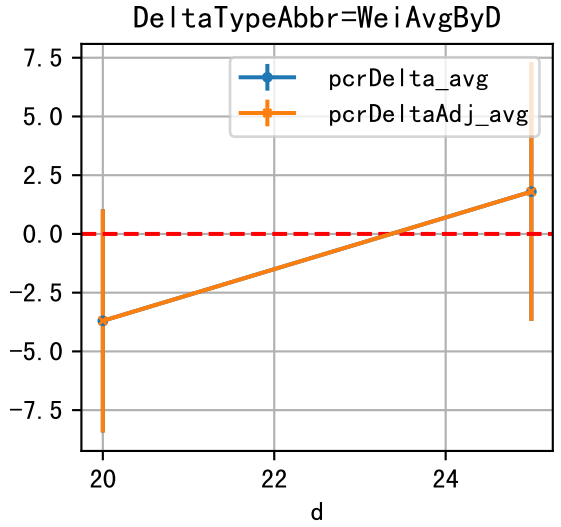




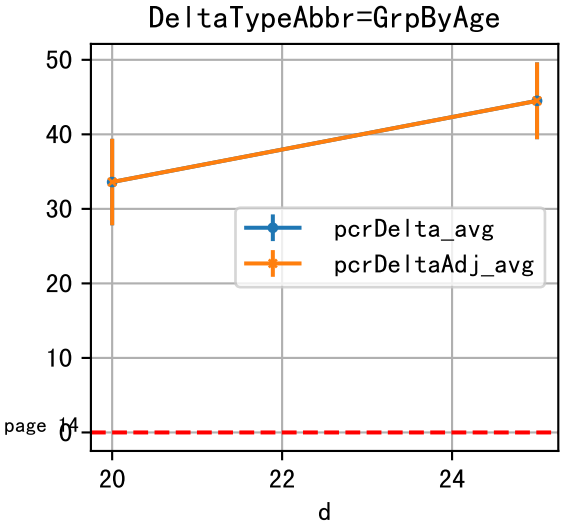
EQ2AW NdD: D_Q50_NdD

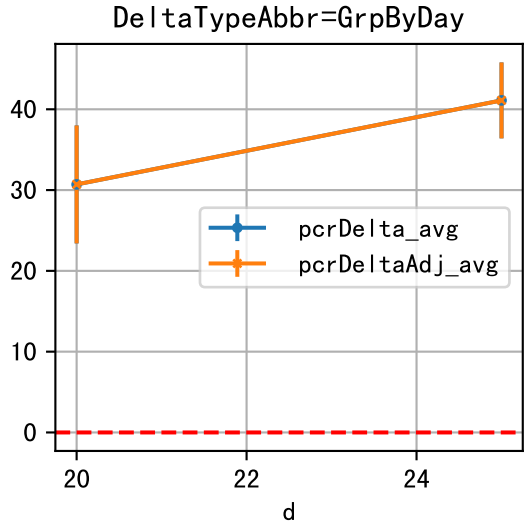


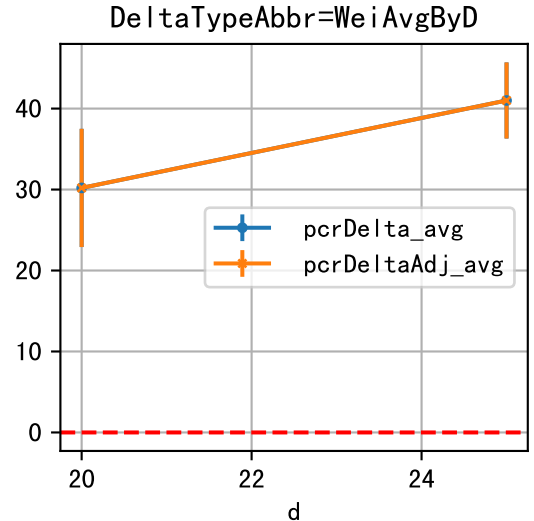


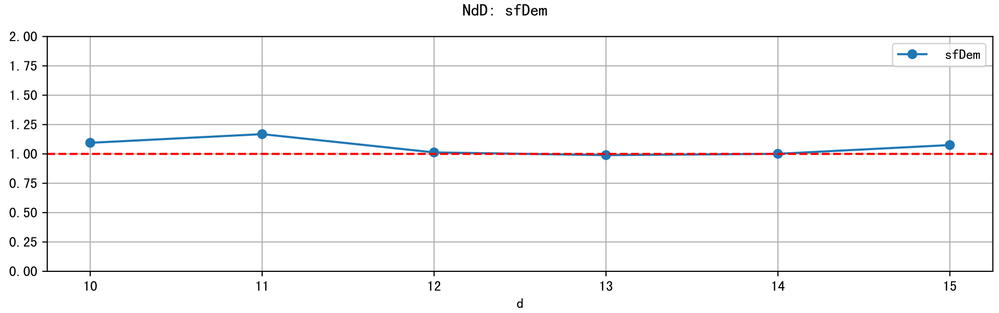


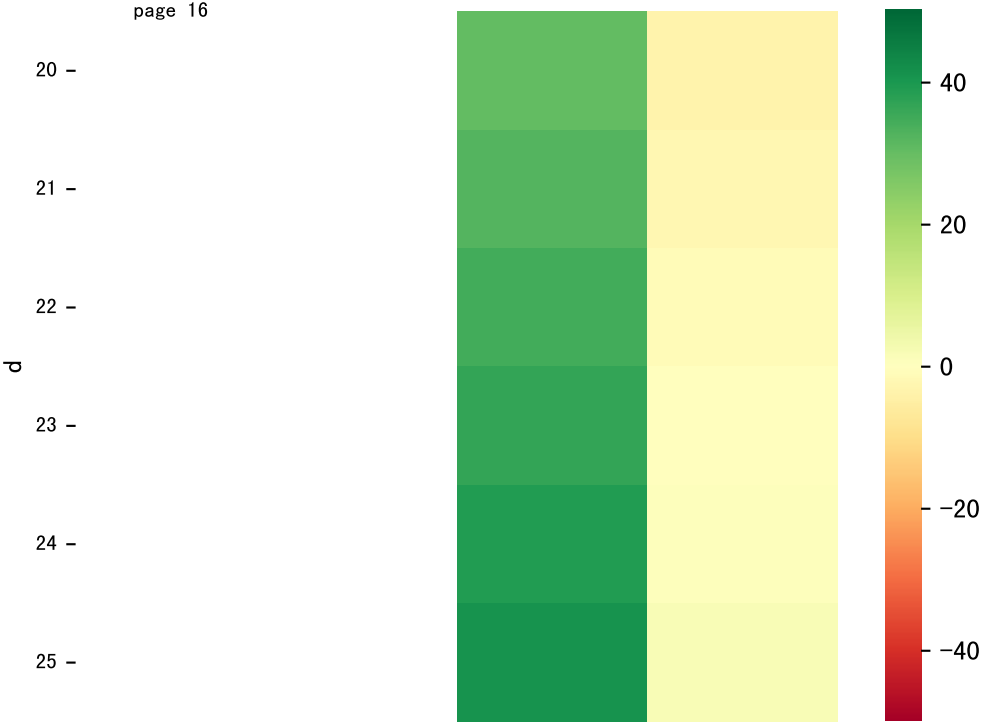
EQ2AW NdD: D_Est_NdD

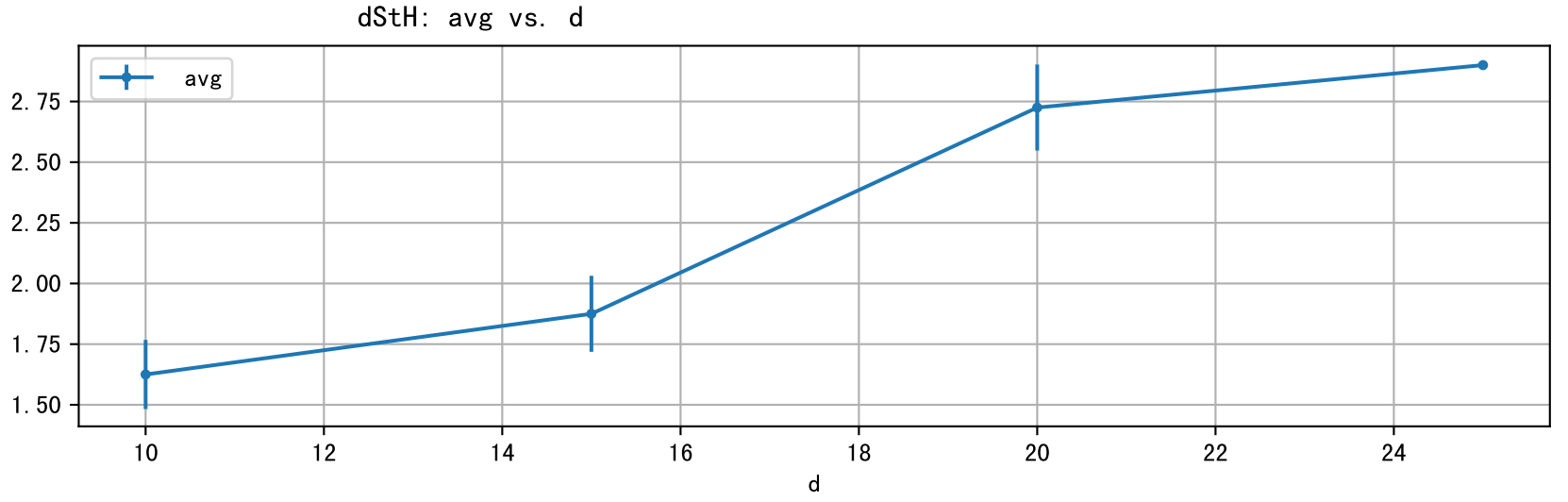


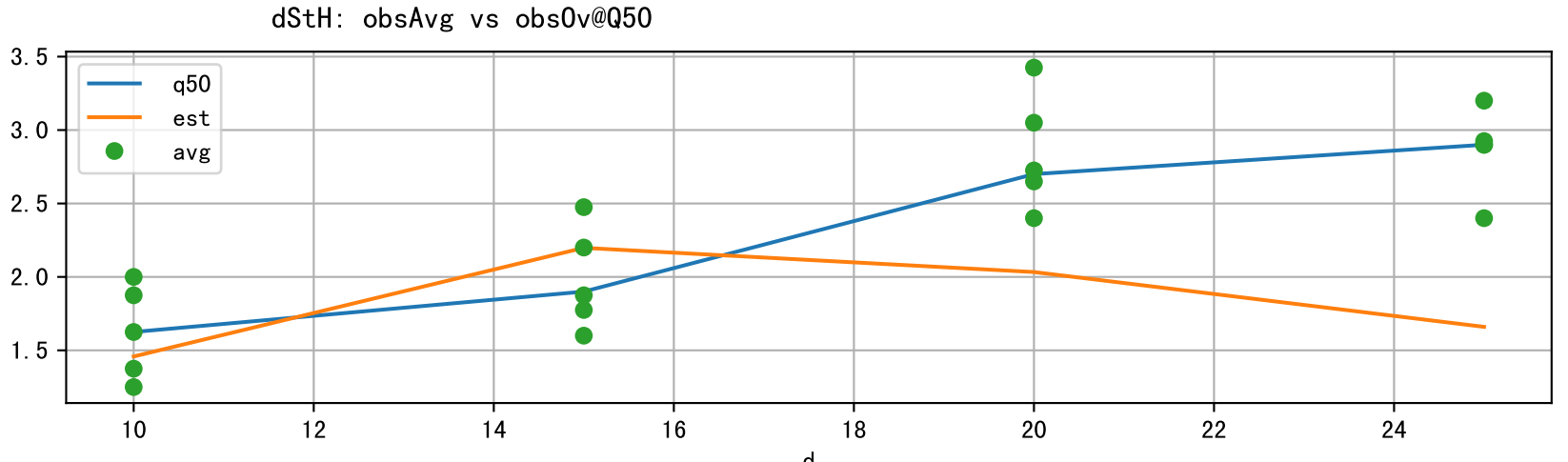


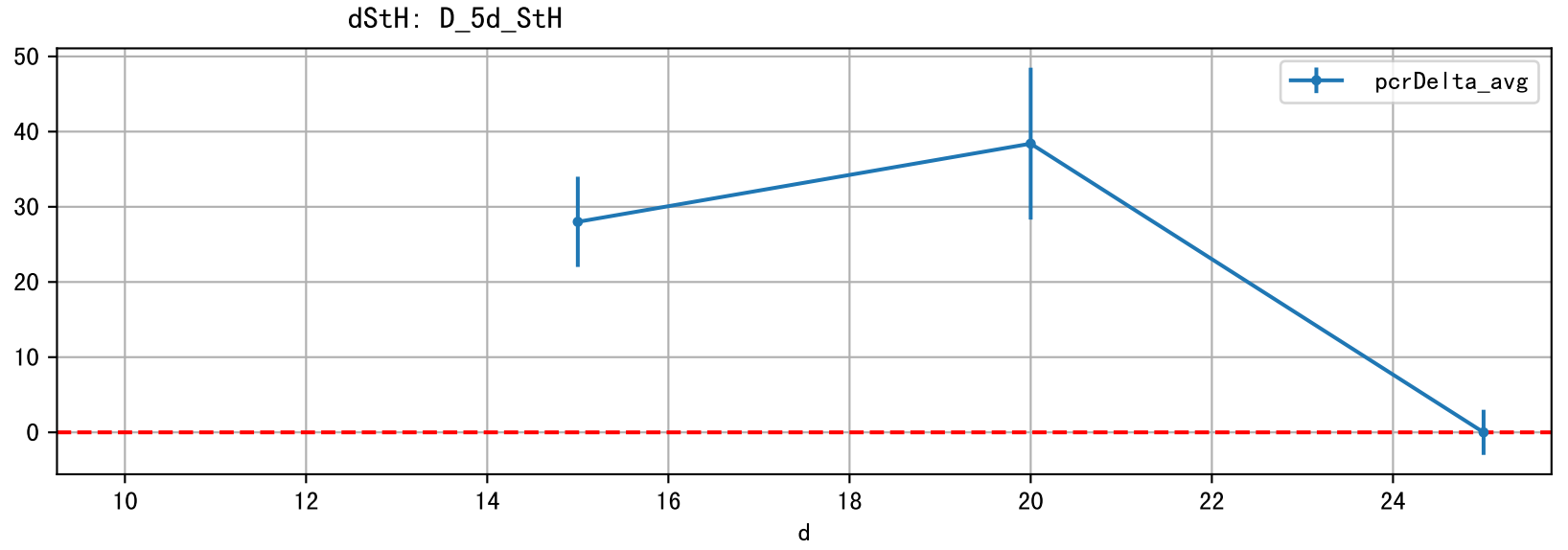


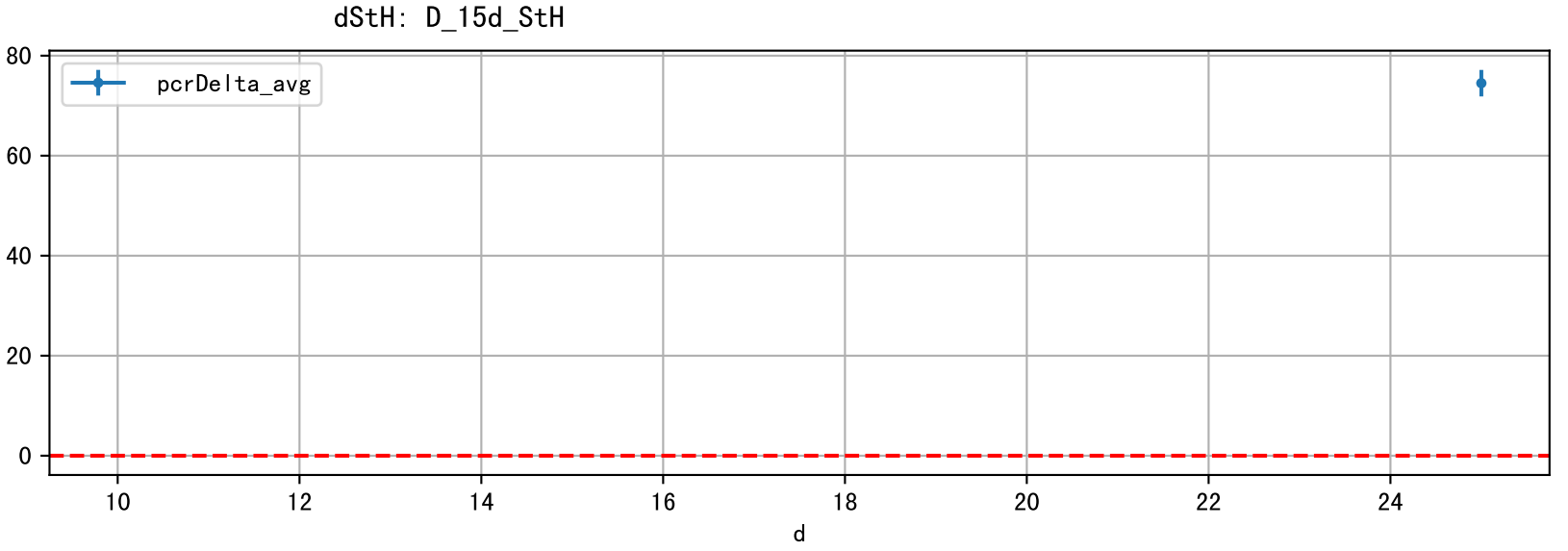

NdD: sfDem
sfDem
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
10
11
12
13
14
15
d

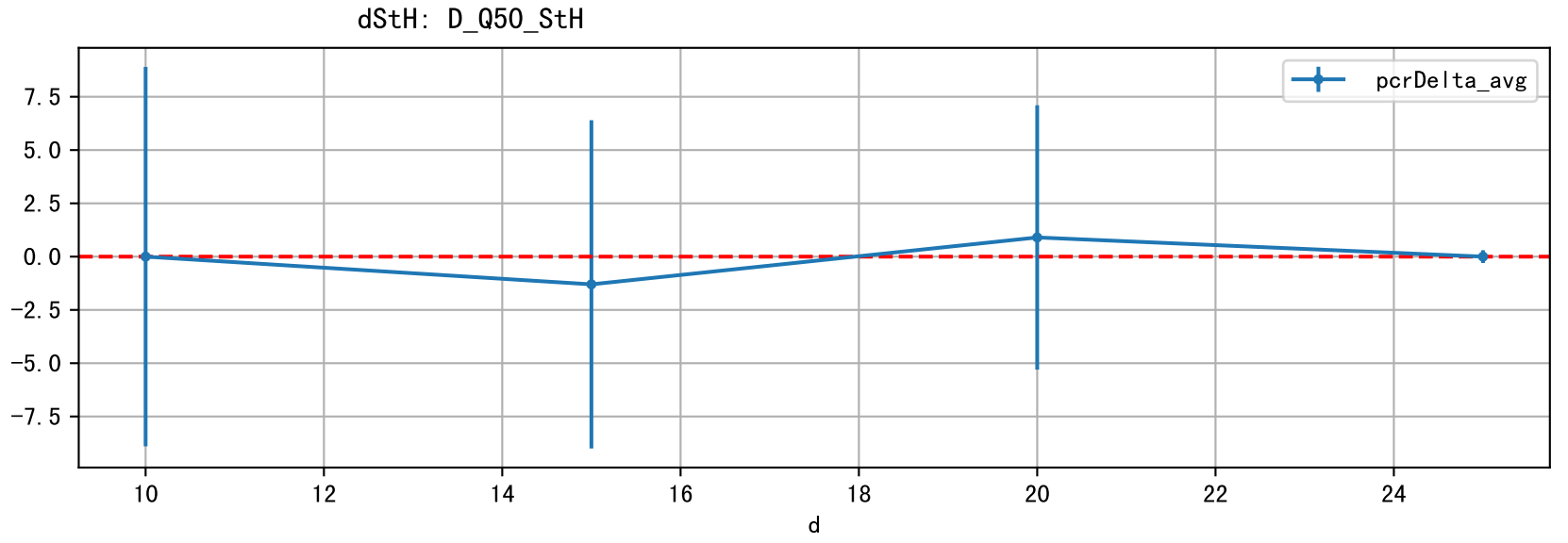

20
21
22
23
24
25
d
40
20
0
−20
−40

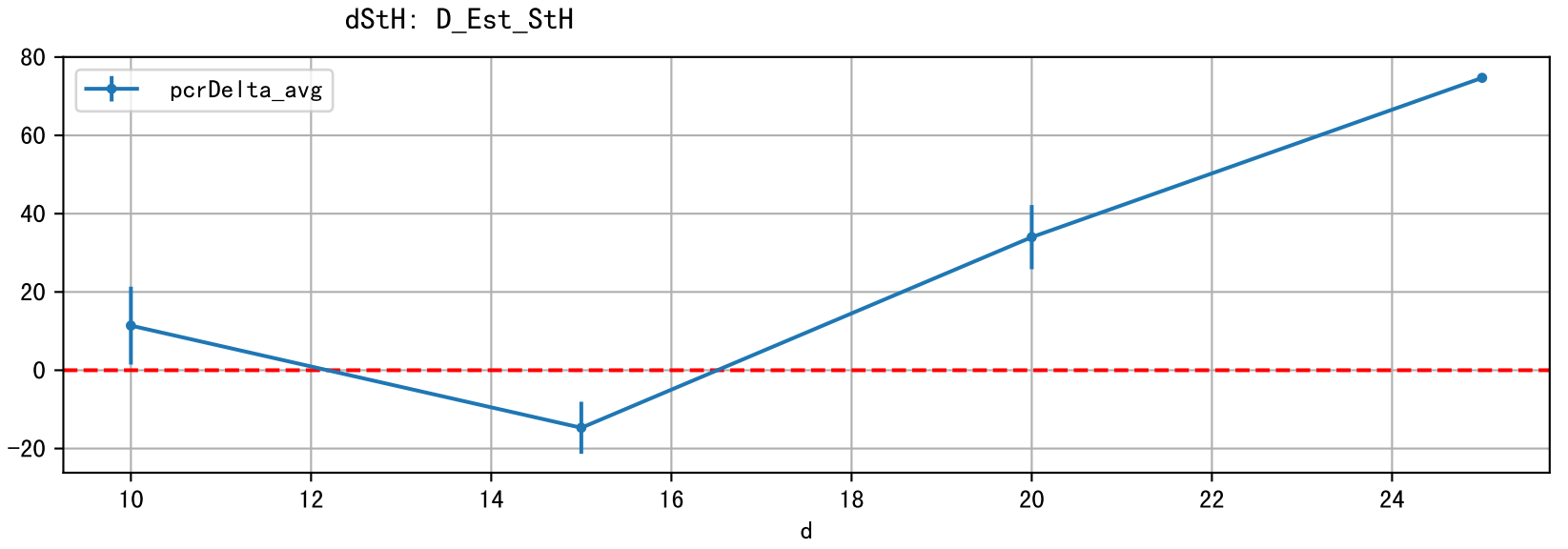

dStH: avg vs. d
avg
2.75
2.50
2.25
2.00
1.75
1.50
10
12
14
16
18
20
22
24
d

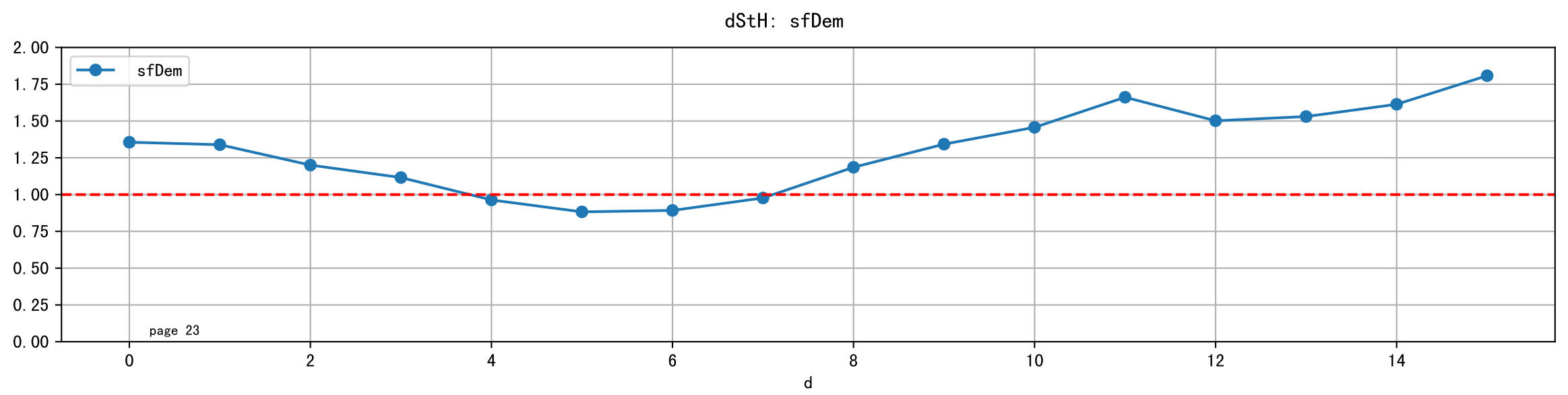

dStH: obsAvg vs obsOv@Q50
q50
est
avg
3.5
3.0
2.5
2.0
1.5
10
12
14
16
18
20
22
24
d

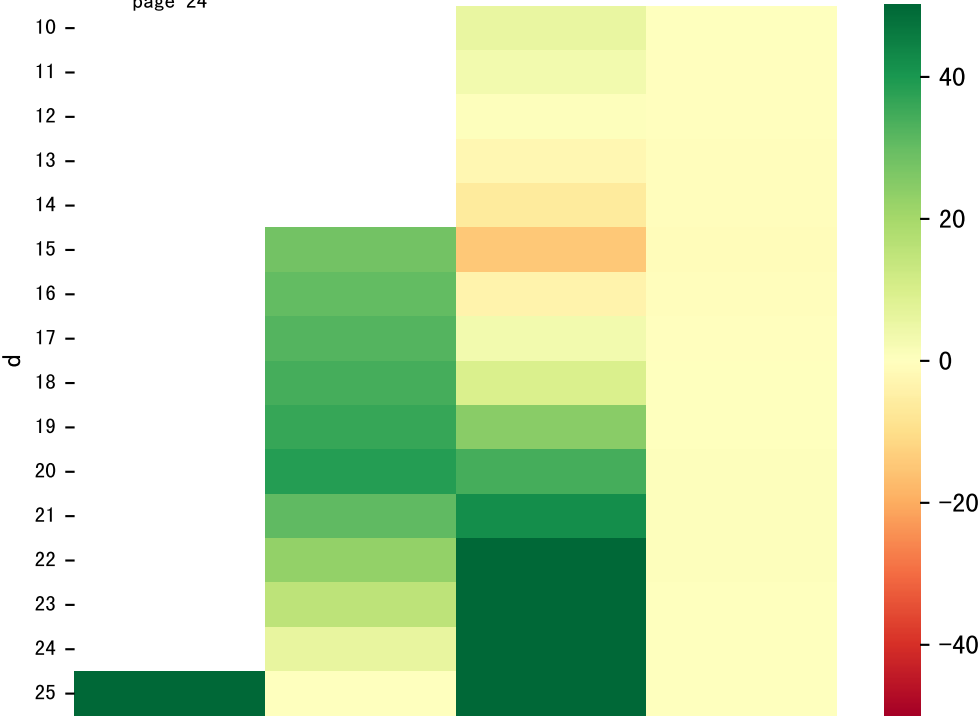

dStH: D_5d_StH
pcrDelta_avg
50
40
30
20
10
0
10
12
14
16
18
20
22
24
d

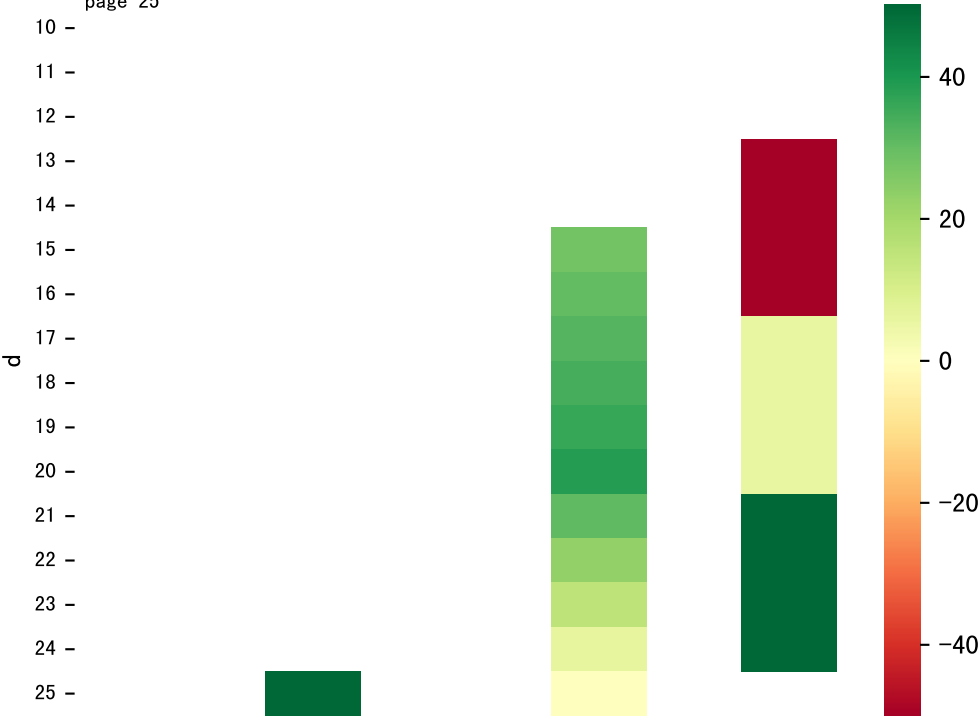

dStH: D_15d_StH
pcrDelta_avg
80
60
40
20
0
10
12
14
16
18
20
22
24
d


dStH: D_Q5O_StH
pcrDelta_avg
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
10
12
14
16
18
20
22
24
d


dStH: D_Est_StH
pcrDelta_avg
80
60
40
20
0
−20
10
12
14
16
18
20
22
24
d


dStH: sfDem
sfDem
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
page 23
0
2
4
6
8
10
12
14
d


d
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
40
20
0
−20
−40


d
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
40
20
0
−20
−40