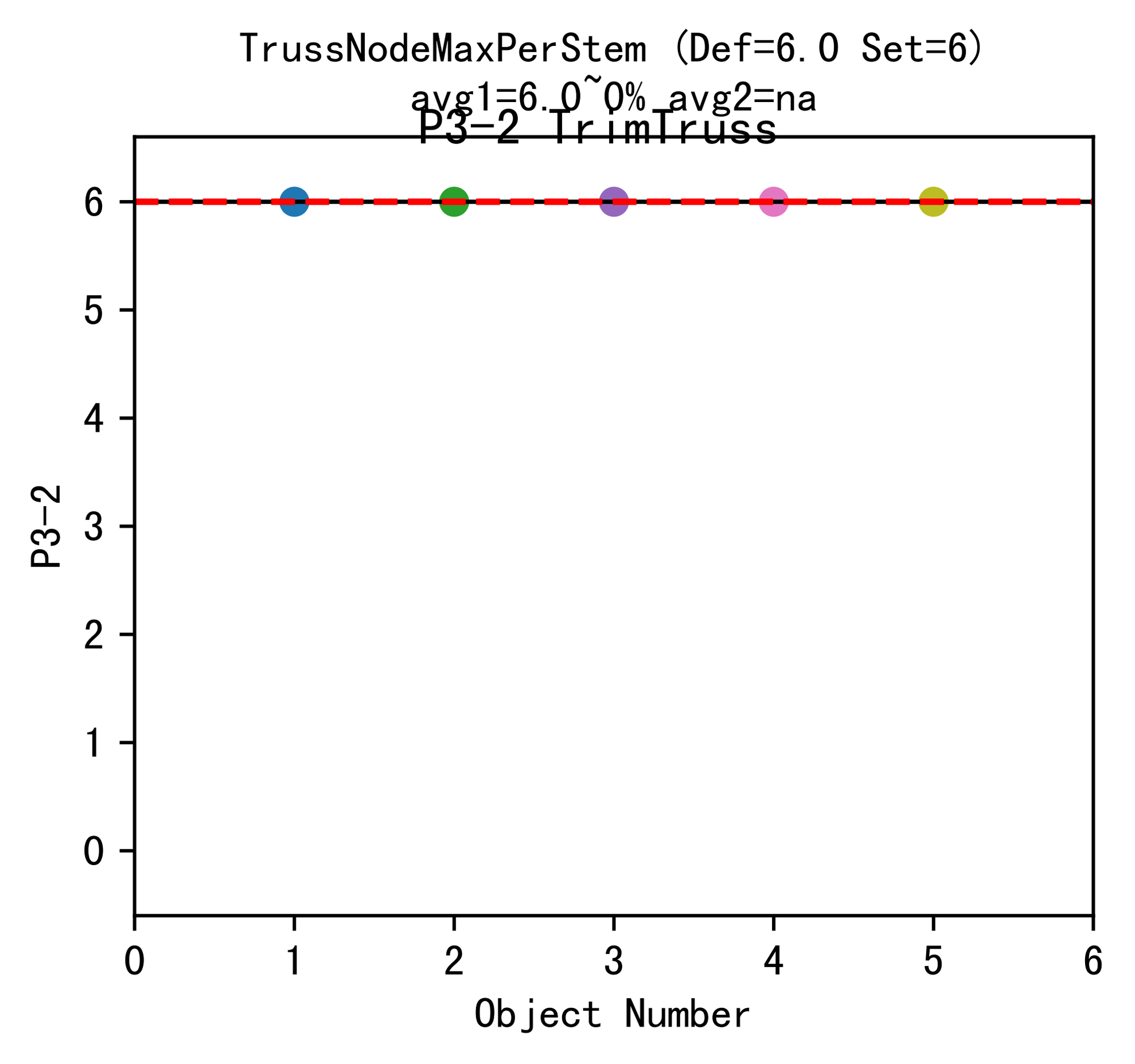
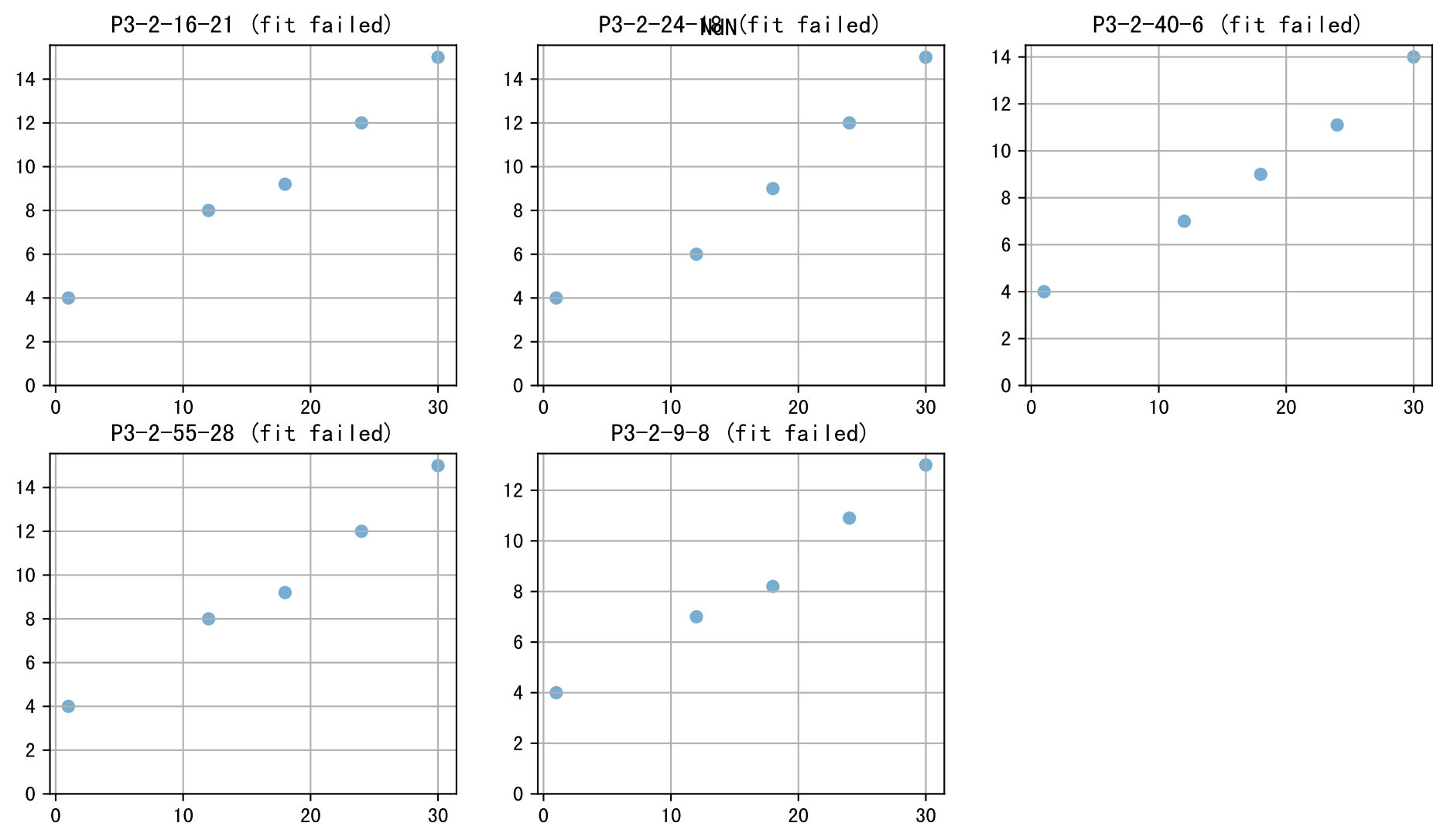
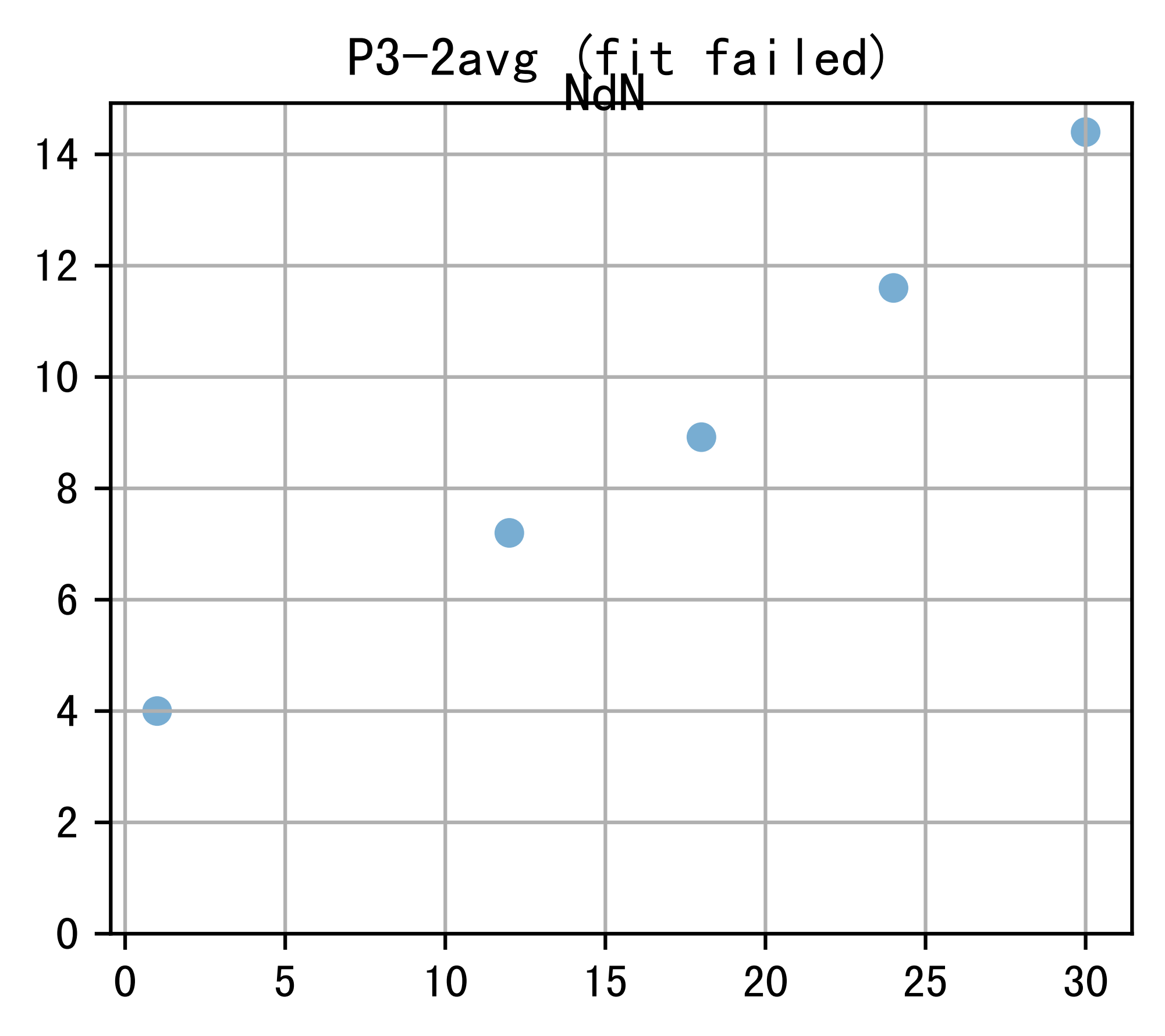
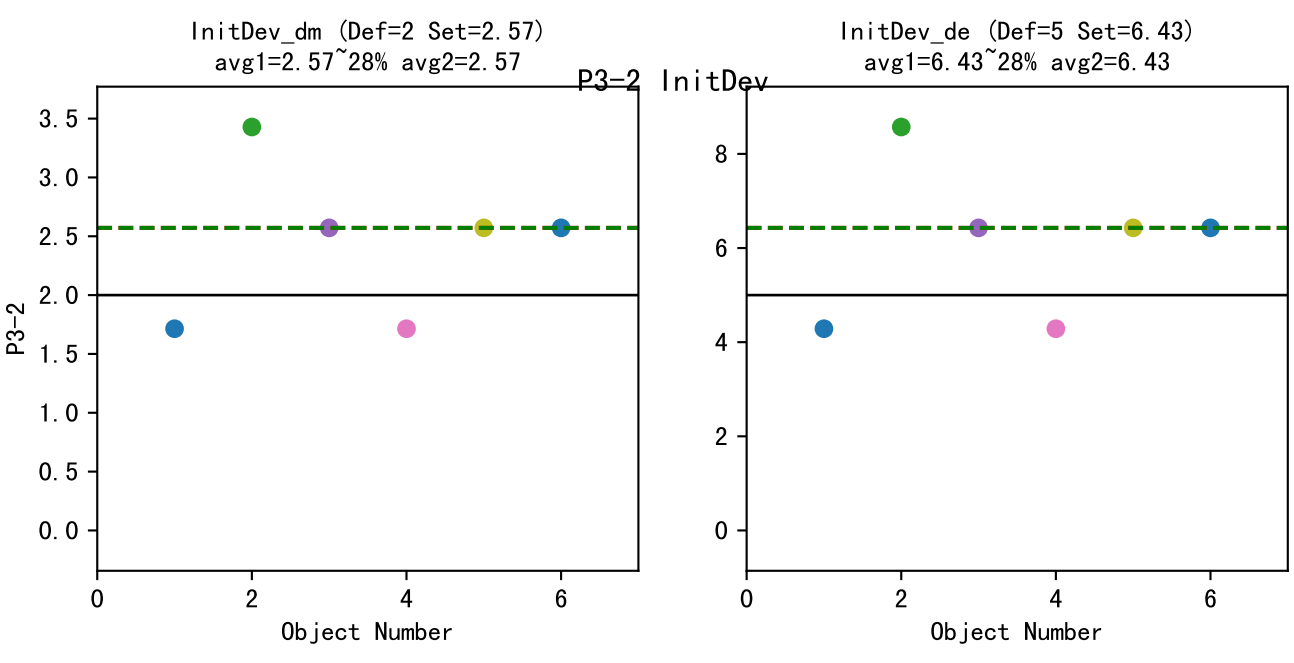
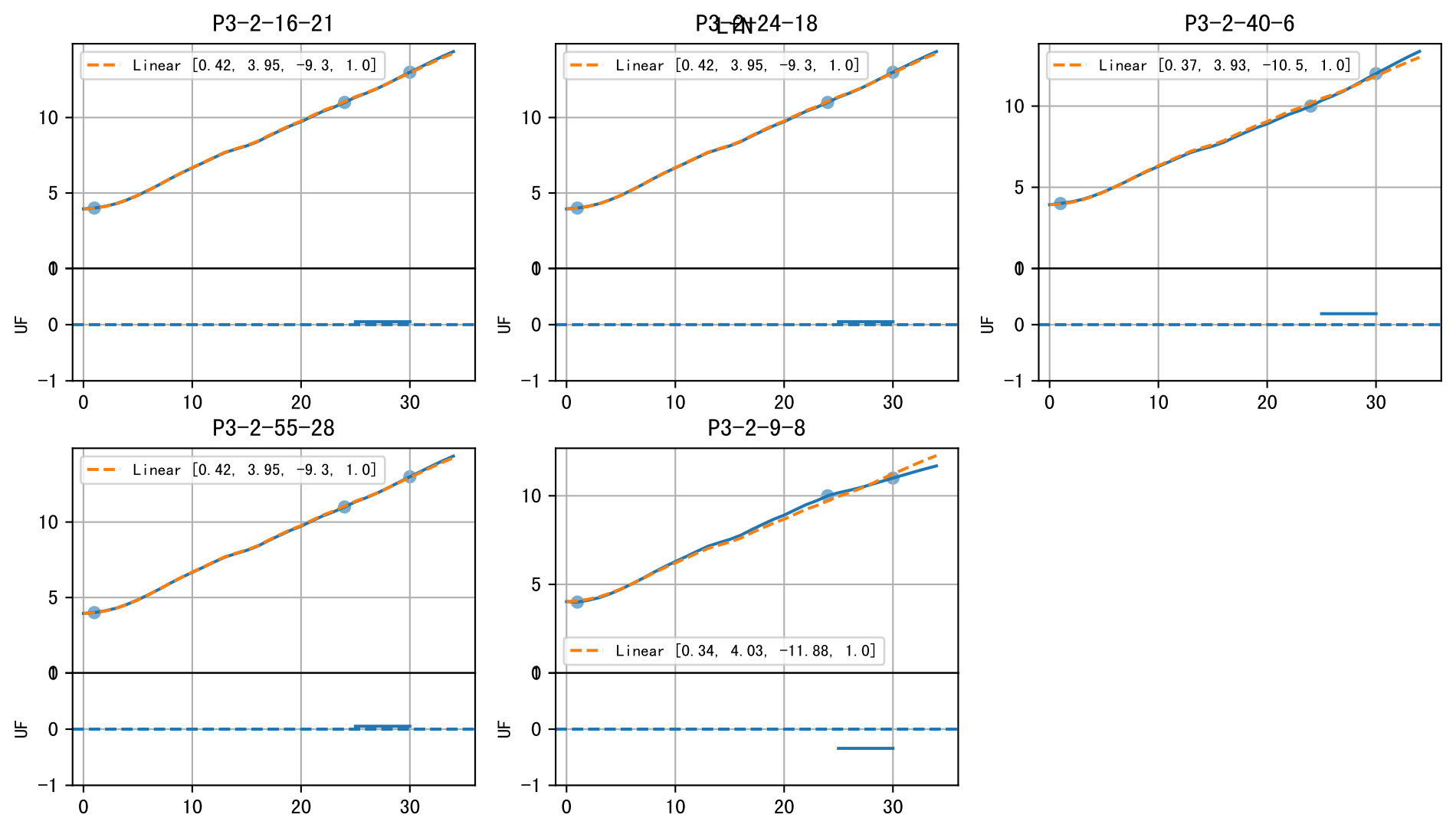
Phenotype Data Analysis Plots
PhenoData day range = 12 - 30
Analysis cutoff day = 30
NC11 P3-2
2025-04-29 (Day 31)

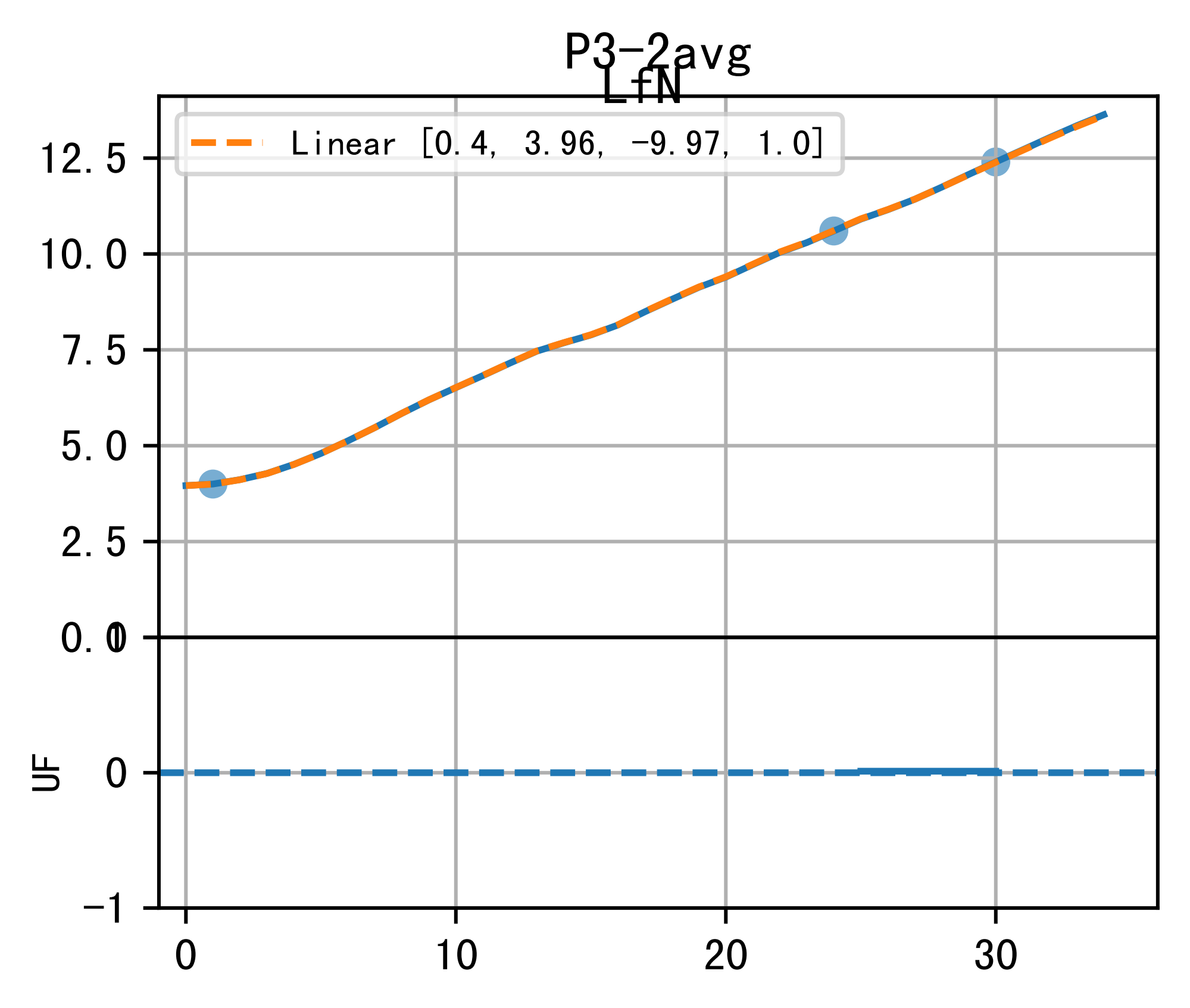

TrussNodeMaxPerStem (Def=6.0 Set=6)
avg1=6.0~0% avg2=na
P3-2 TrimTruss
P3-2
Object Number
0
1
2
3
4
5
6

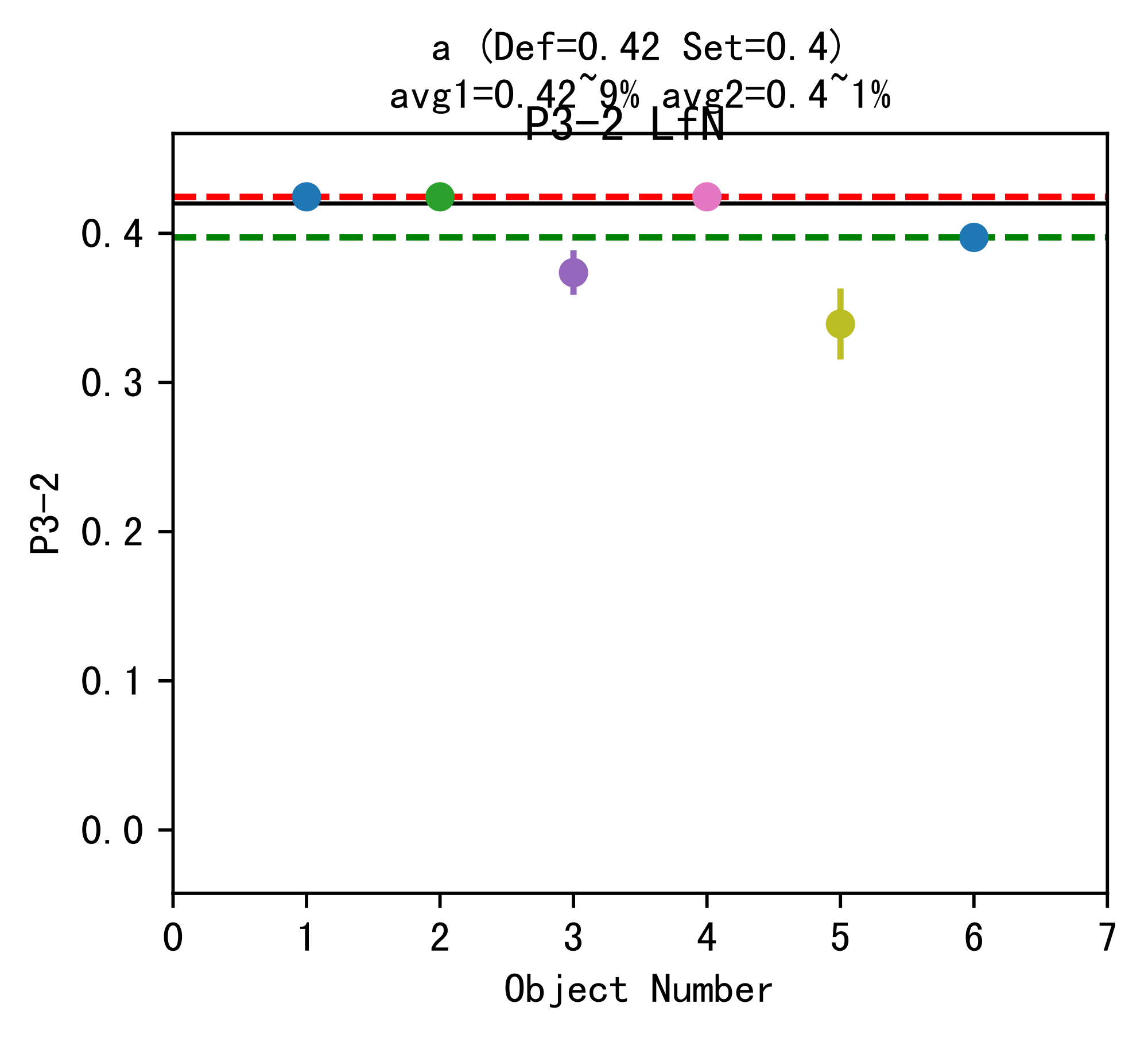

P3-2-16-21 (fit failed)
P3-2-24-18 (fit failed)
P3-2-40-6 (fit failed)
P3-2-55-28 (fit failed)
P3-2-9-8 (fit failed)

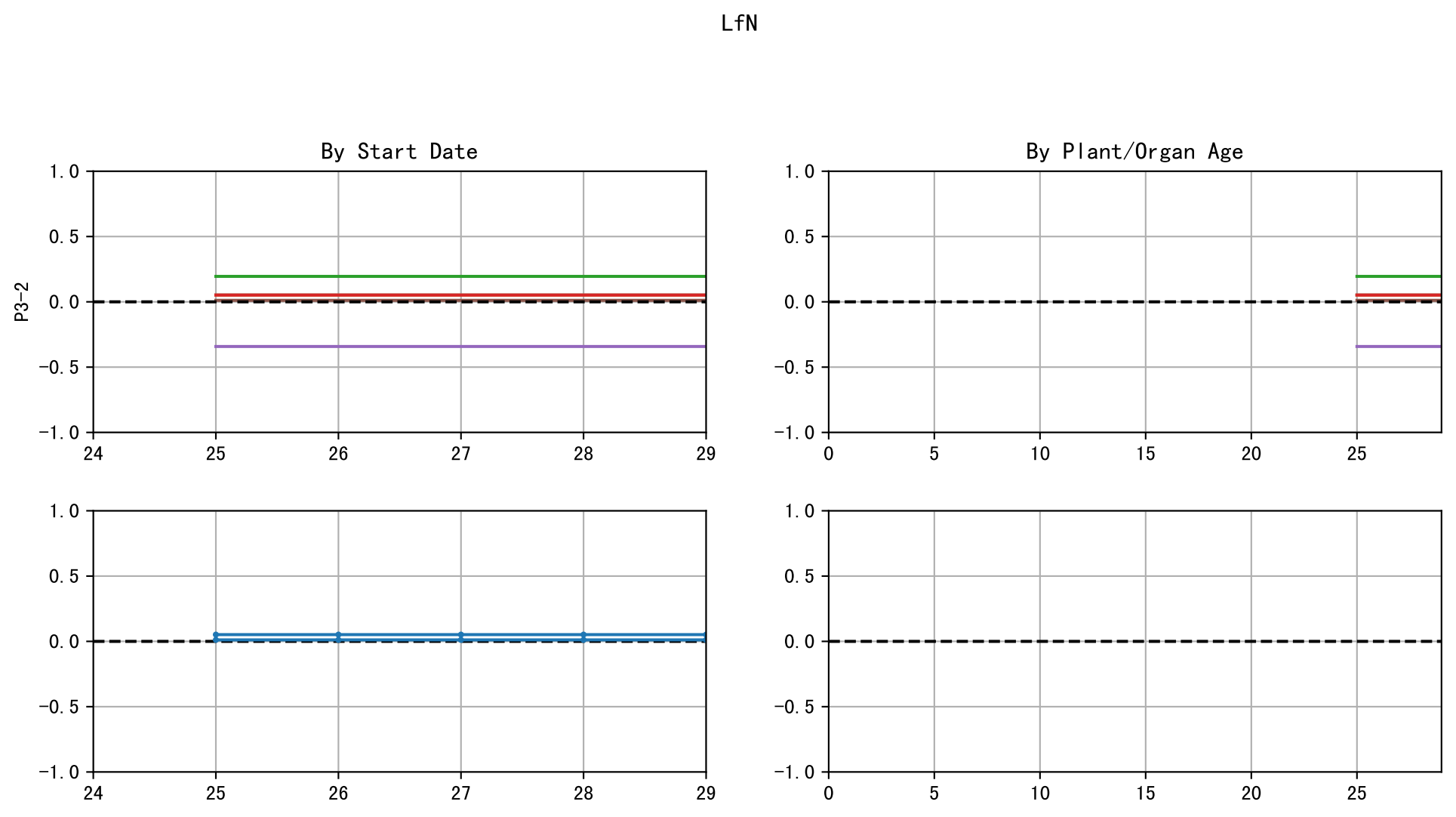

P3-2avg (fit failed)
NdN
14
12
10
8
6
4
2
0
0
5
10
15
20
25
30

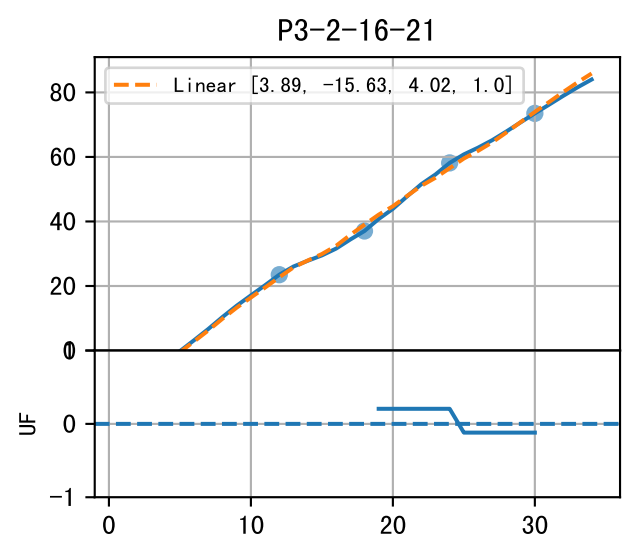

P3-2 InitDev
InitDev_dm (Def=2 Set=2.57)
avg1=2.57~28% avg2=2.57
InitDev_de (Def=5 Set=6.43)
avg1=6.43~28% avg2=6.43
P3-2
Object Number
Object Number

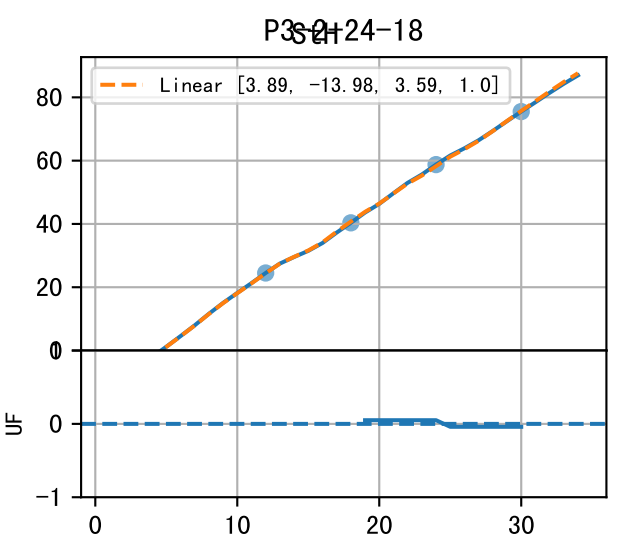

P3-2-16-21
Linear [0.42, 3.95, -9.3, 1.0]
P3-2-24-18
Linear [0.42, 3.95, -9.3, 1.0]
P3-2-40-6
Linear [0.37, 3.93, -10.5, 1.0]
P3-2-55-28
Linear [0.42, 3.95, -9.3, 1.0]
P3-2-9-8
Linear [0.34, 4.03, -11.88, 1.0]
UF
LAN

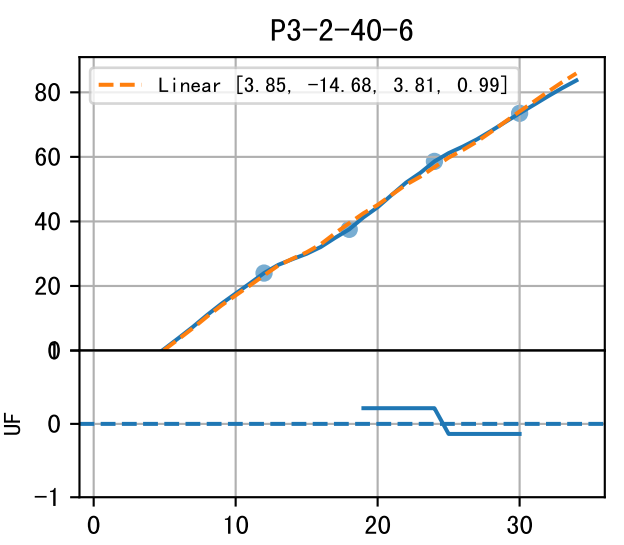

P3-2avg
LfN
Linear [0.4, 3.96, -9.97, 1.0]
12.5
10.0
7.5
5.0
2.5
0.0
0
−1
UF
0
10
20
30

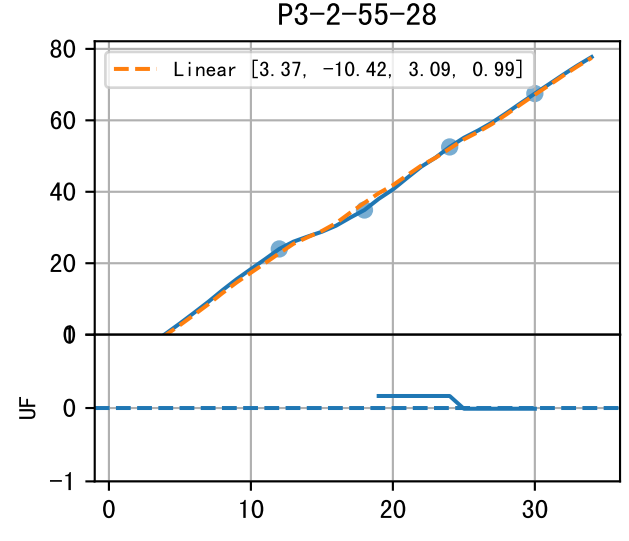

a (Def=0.42 Set=0.4)
avg1=0.42~9% avg2=0.4~1%
P3-2 LfN
0.4
0.3
0.2
0.1
0.0
P3-2
0
1
2
3
4
5
6
7
Object Number

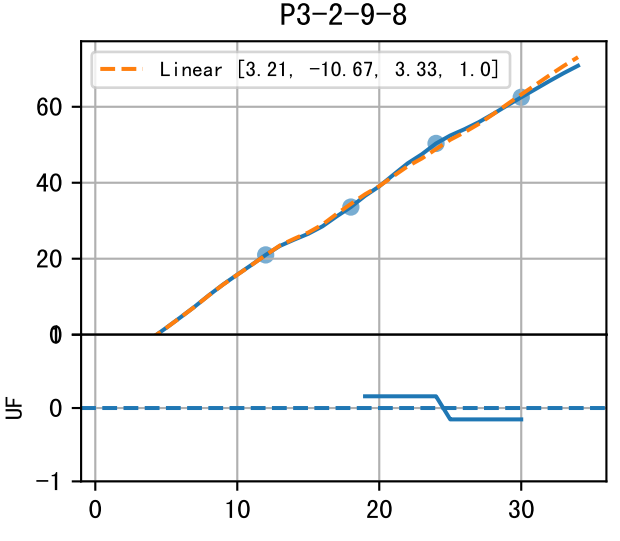

LfN
By Start Date
By Plant/Organ Age
P3-2
1.0
0.5
0.0
−0.5
−1.0
24
25
26
27
28
29
0
5
10
15
20
25

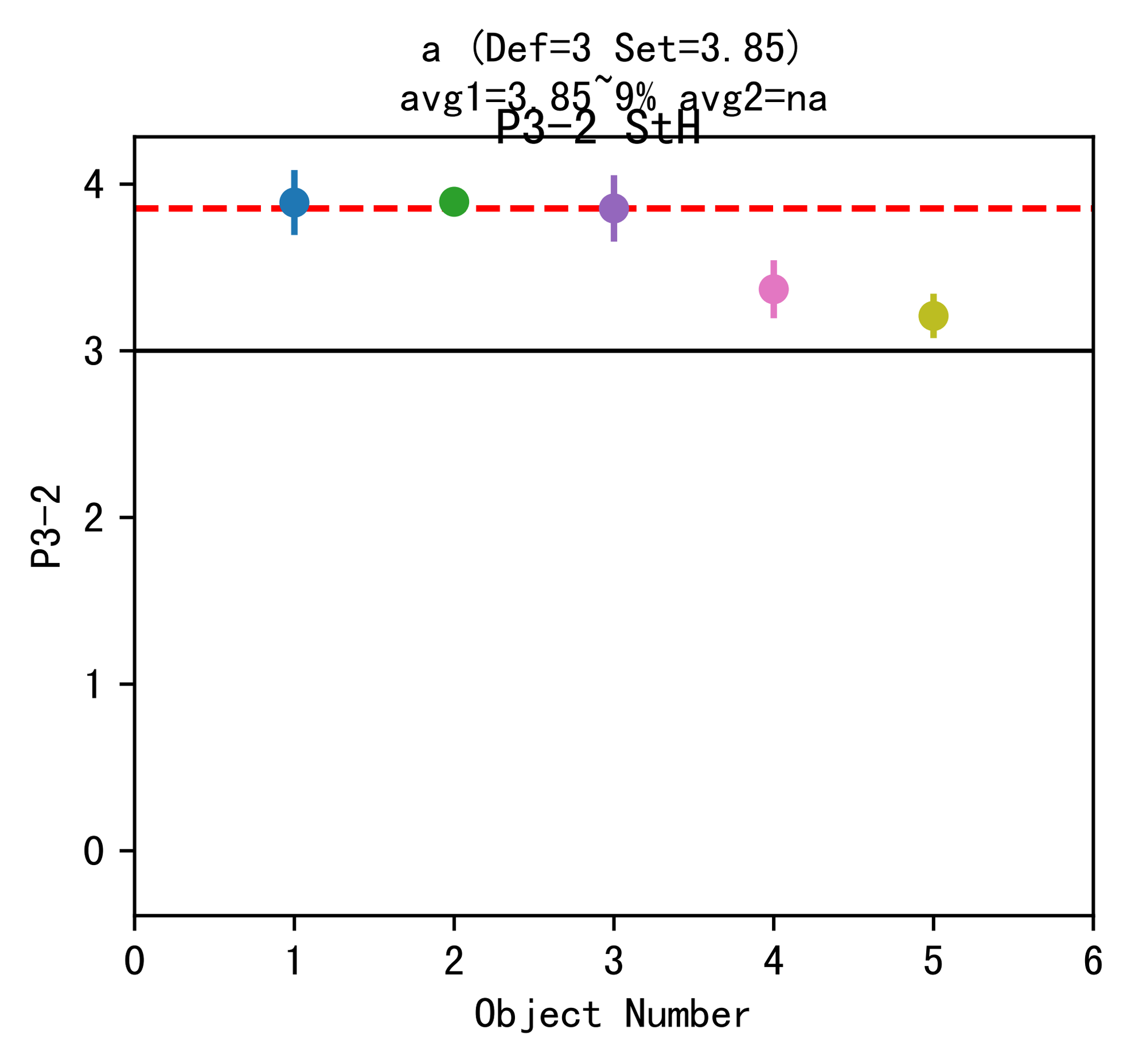

P3-2-16-21
Linear [3.89, -15.63, 4.02, 1.0]
UF


P3-2-24-18
Linear [3.89, -13.98, 3.59, 1.0]
UF

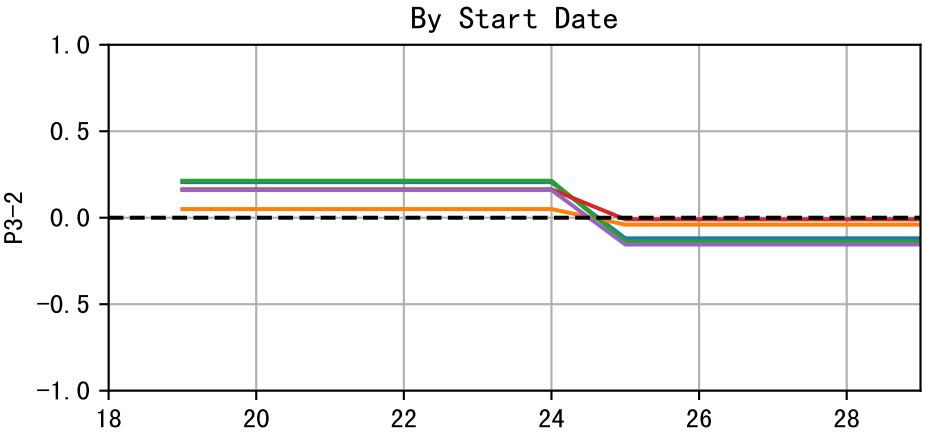

P3-2-40-6
Linear [3.85, -14.68, 3.81, 0.99]
UF

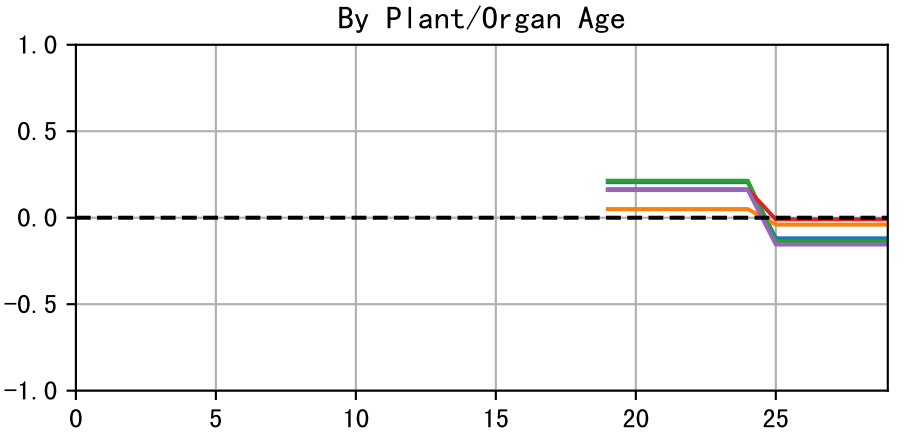

P3-2-55-28
Linear [3.37, -10.42, 3.09, 0.99]
UF

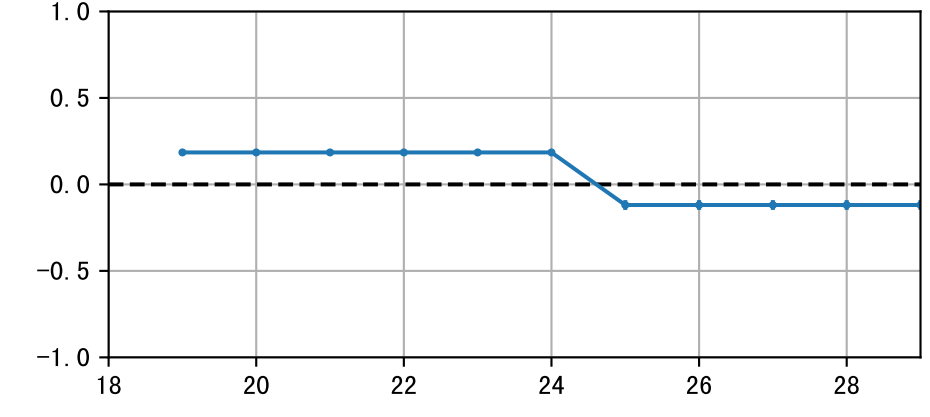

P3-2-9-8
Linear [3.21, -10.67, 3.33, 1.0]
UF

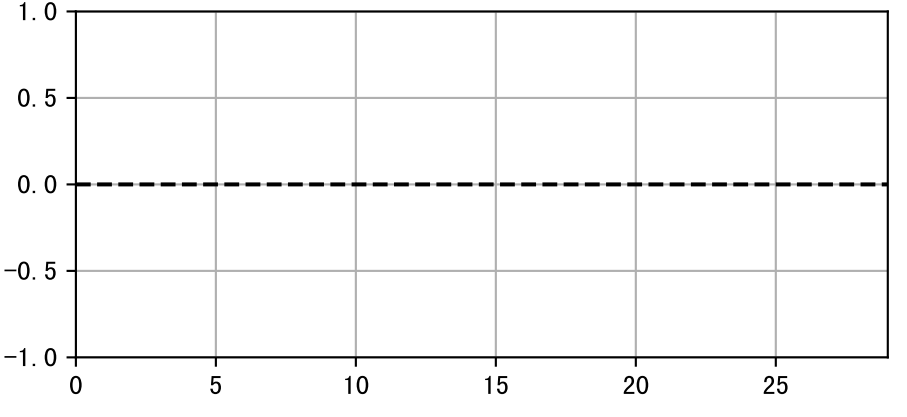

a (Def=3 Set=3.85)
avg1=3.85~9% avg2=na
P3-2 StH
4
3
2
1
0
P3-2
0
1
2
3
4
5
6
Object Number

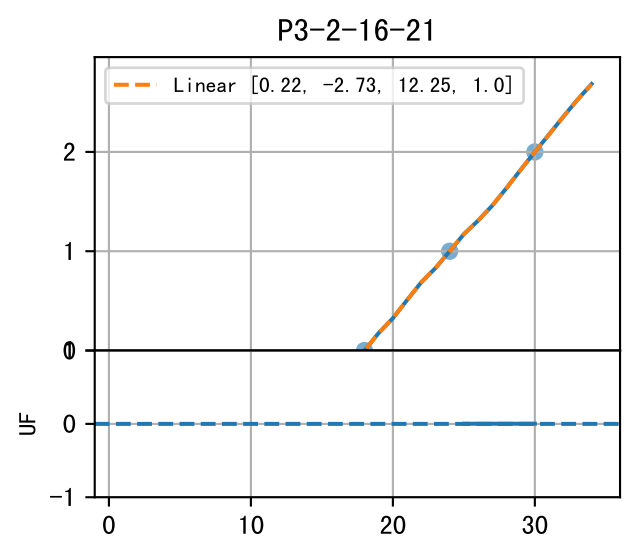
StH

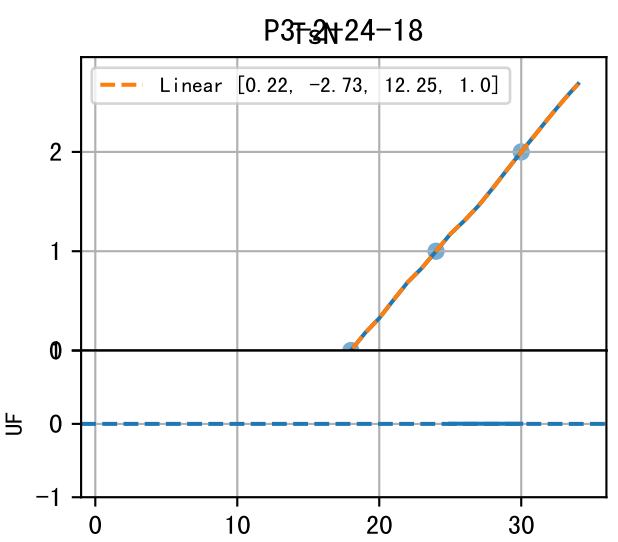

By Start Date
P3-2
1.0
0.5
0.0
−0.5
−1.0
18
20
22
24
26
28

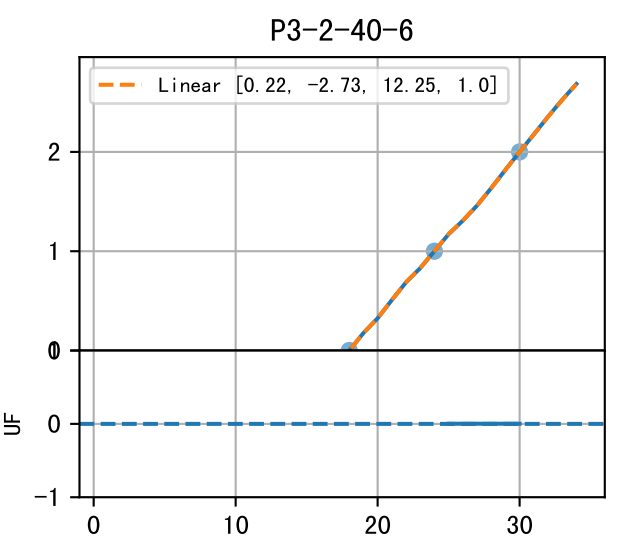

By Plant/Organ Age
1.0
0.5
0.0
−0.5
−1.0
0
5
10
15
20
25

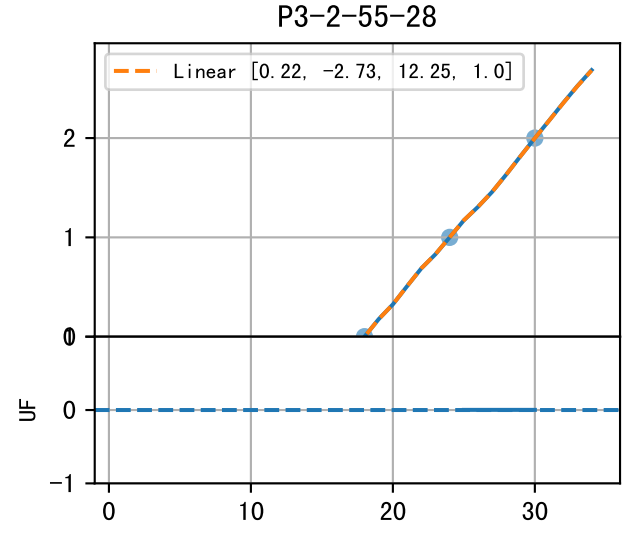

1.0
0.5
0.0
−0.5
−1.0
18
20
22
24
26
28

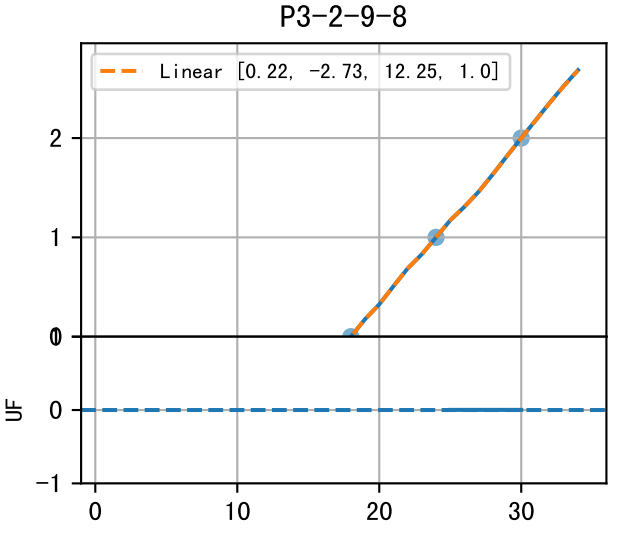

1.0
0.5
0.0
−0.5
−1.0
0
5
10
15
20
25

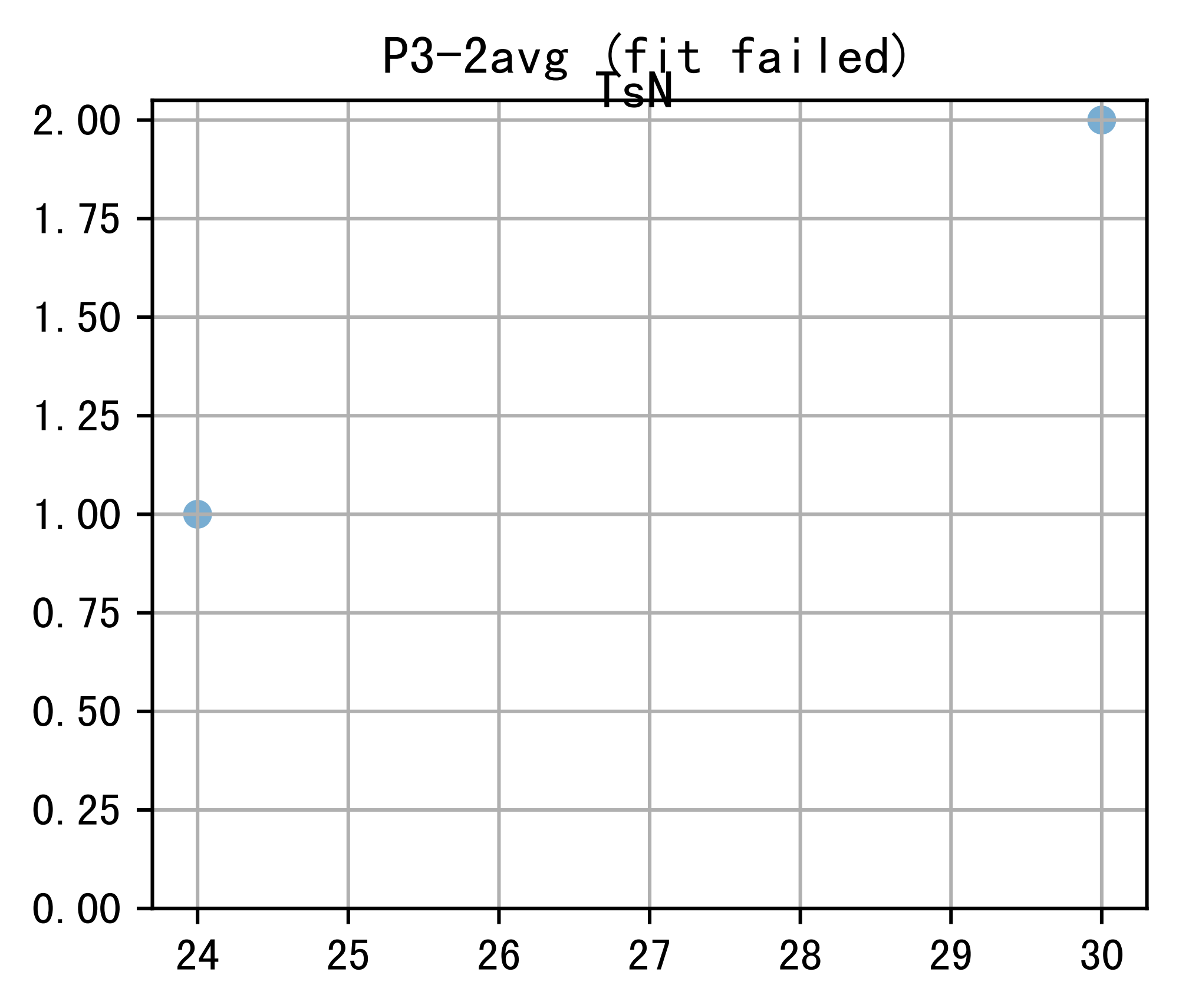

P3-2-16-21
Linear [0.22, -2.73, 12.25, 1.0]
UF

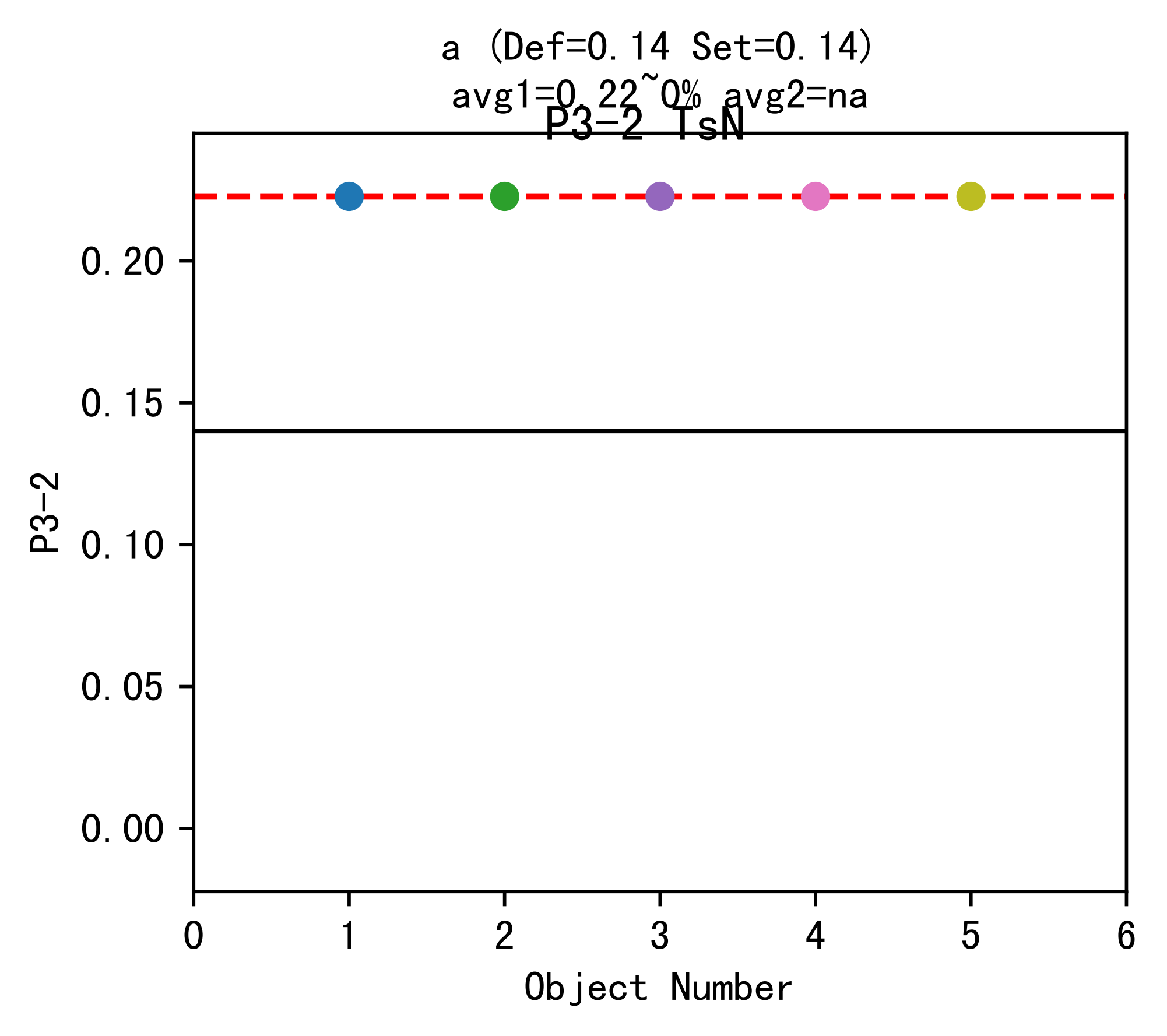

P3-2-24-18
Linear [0.22, -2.73, 12.25, 1.0]
UF

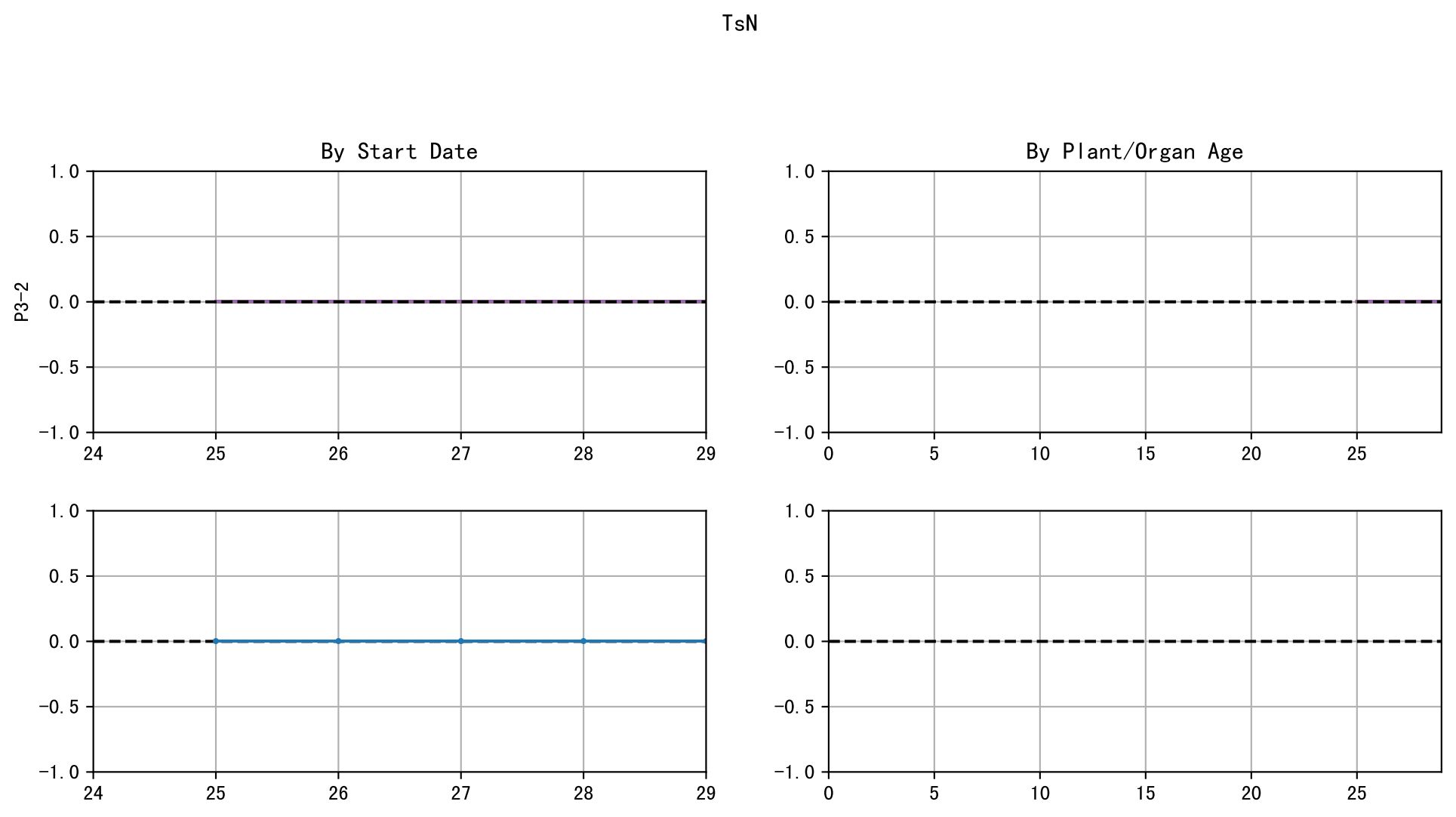

P3-2-40-6
Linear [0.22, -2.73, 12.25, 1.0]
UF

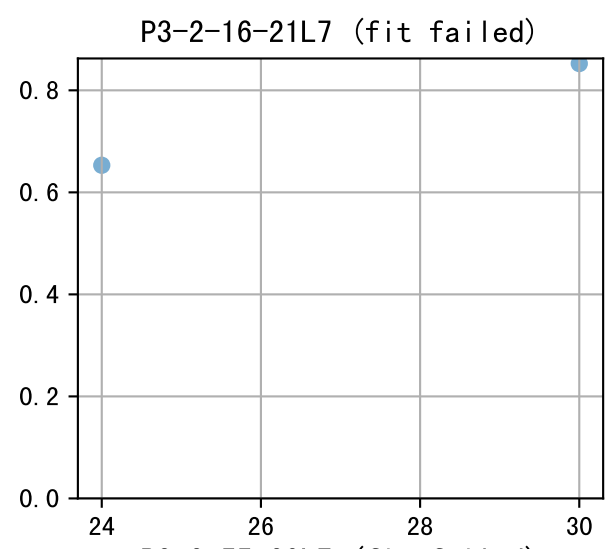

P3-2-55-28
Linear [0.22, -2.73, 12.25, 1.0]
UF

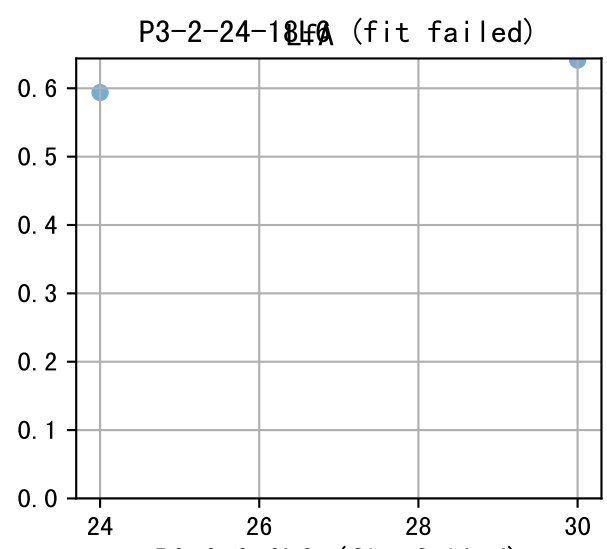

P3-2-9-8
Linear [0.22, -2.73, 12.25, 1.0]
UF

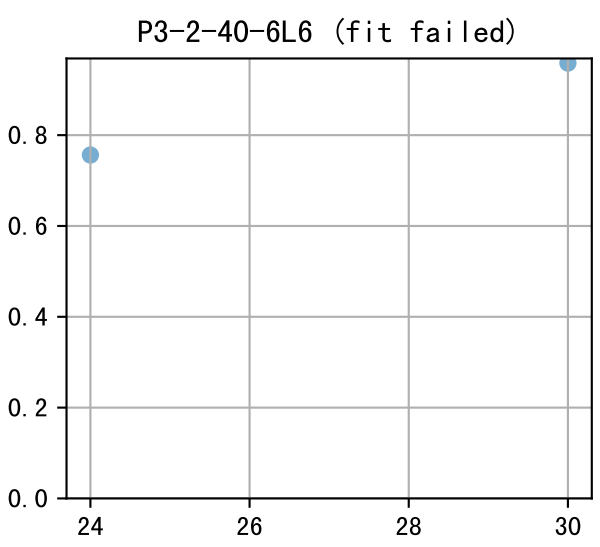

P3-2avg (fit failed)
TsN
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
24
25
26
27
28
29
30

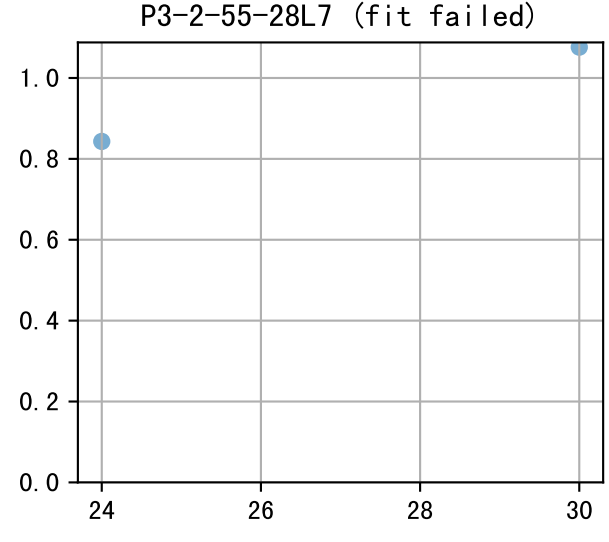

a (Def=0.14 Set=0.14)
avg1=0.22~0% avg2=na
P3-2 TsN
0.20
0.15
0.10
0.05
0.00
P3-2
0
1
2
3
4
5
6
Object Number

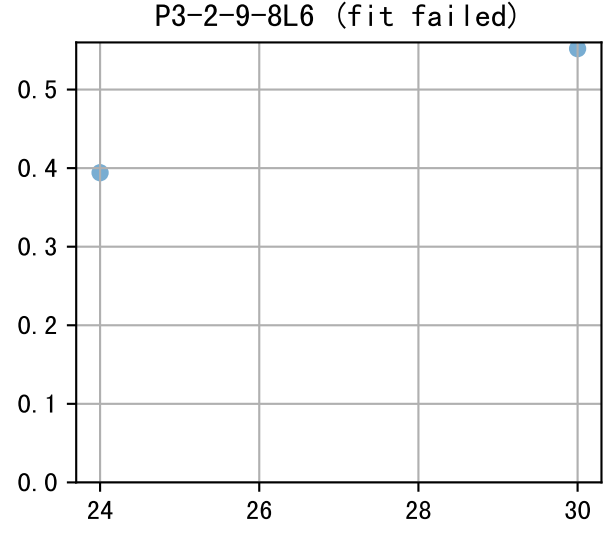

TsN
By Start Date
By Plant/Organ Age
P3-2
1.0
0.5
0.0
−0.5
−1.0
24
25
26
27
28
29
0
5
10
15
20
25

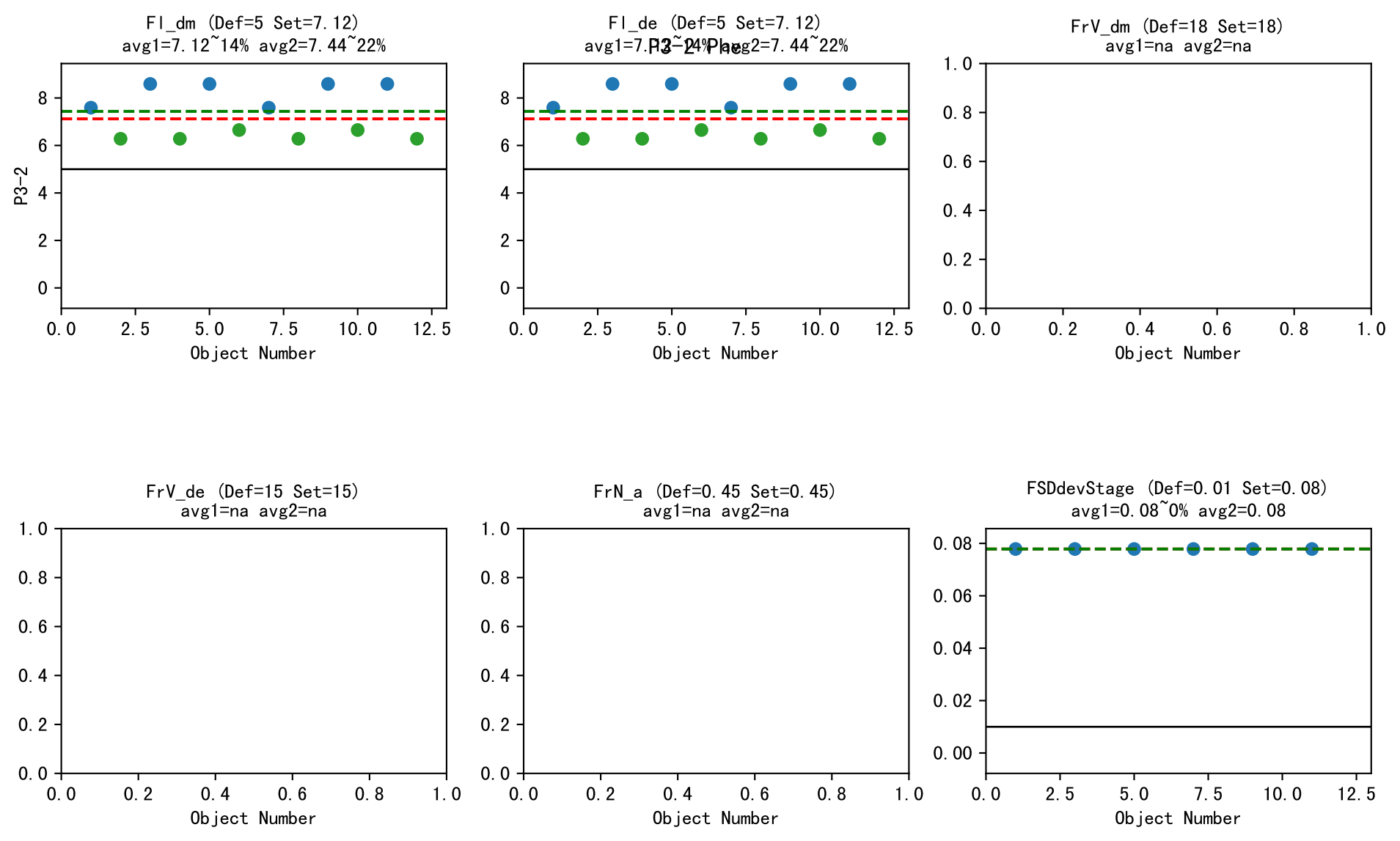

P3-2-16-21L7 (fit failed)

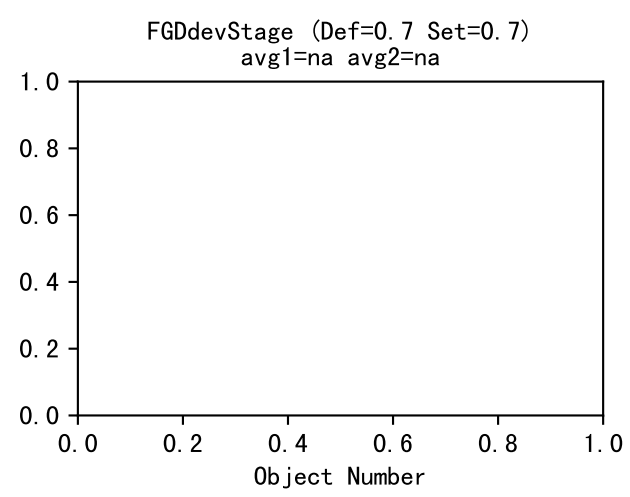

P3-2-24-18L6 (fit failed)

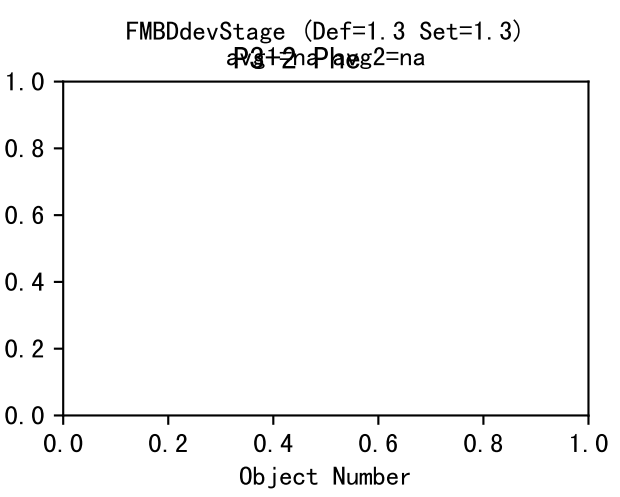

P3-2-40-6L6 (fit failed)

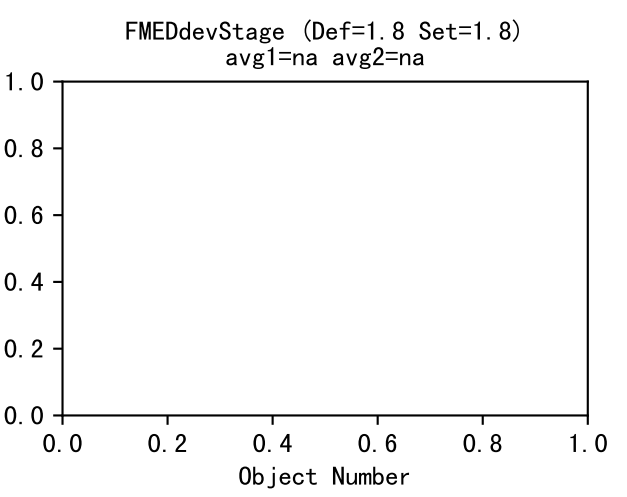

P3-2-55-28L7 (fit failed)

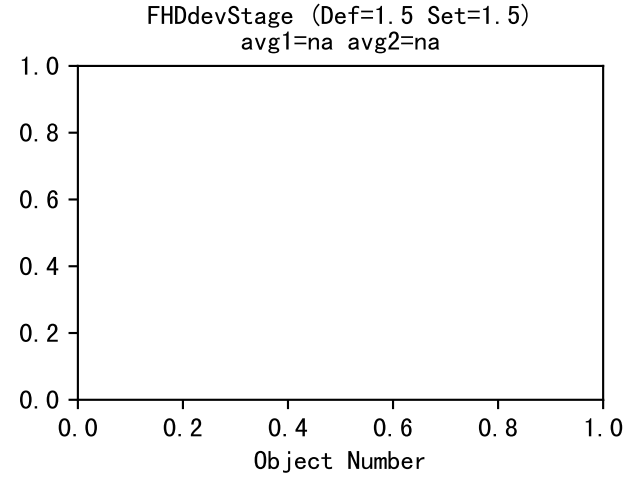

P3-2-9-8L6 (fit failed)

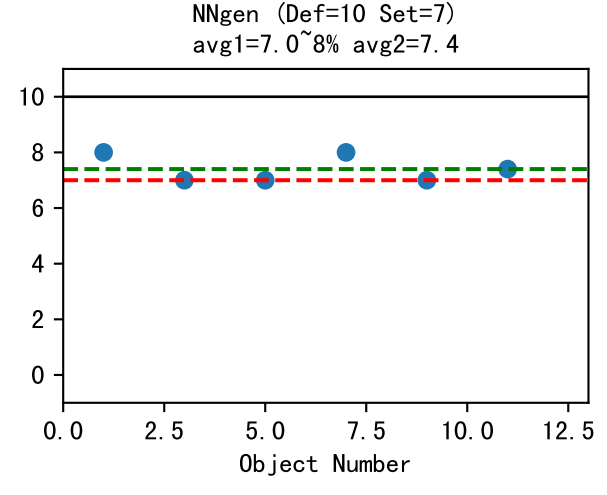

Fl_dm (Def=5 Set=7.12)
avg1=7.12~14% avg2=7.44~22%
P3-2
Object Number
Fl_de (Def=5 Set=7.12)
avg1=7.12~14% avg2=7.44~22%
P3-2 Plane
Object Number
FrV_dm (Def=18 Set=18)
avg1=na avg2=na
Object Number
FrV_de (Def=15 Set=15)
avg1=na avg2=na
Object Number
FrN_a (Def=0.45 Set=0.45)
avg1=na avg2=na
Object Number
FSDdevStage (Def=0.01 Set=0.08)
avg1=0.08~0% avg2=0.08
Object Number

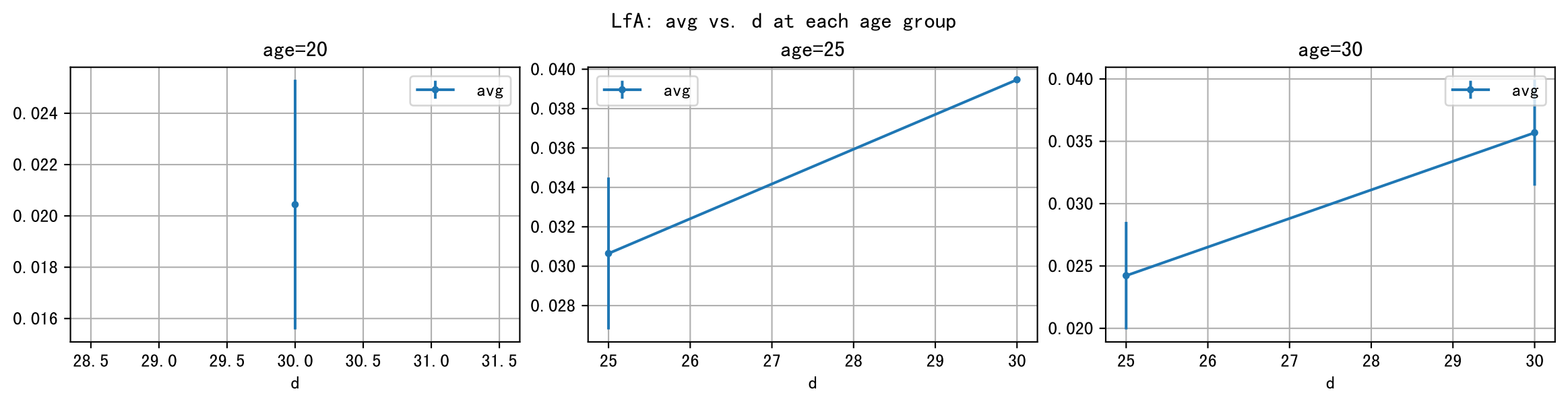

FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Object Number

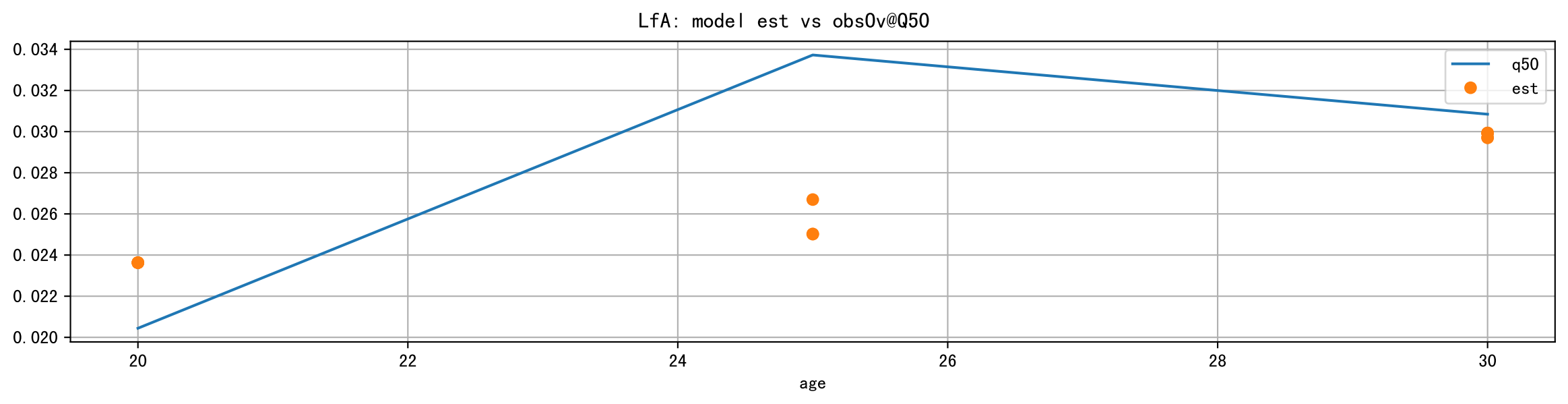

FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Object Number

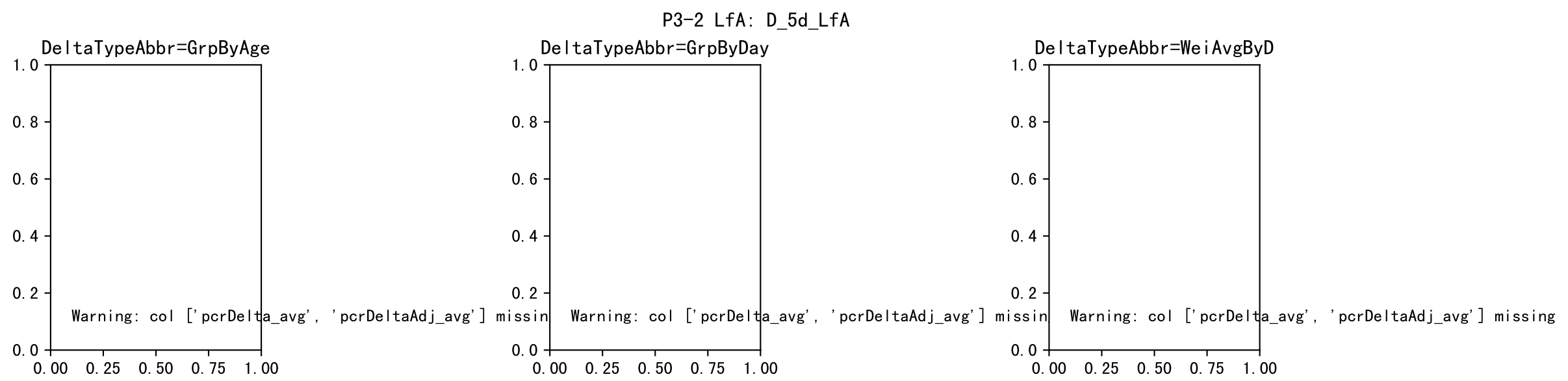

FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Object Number

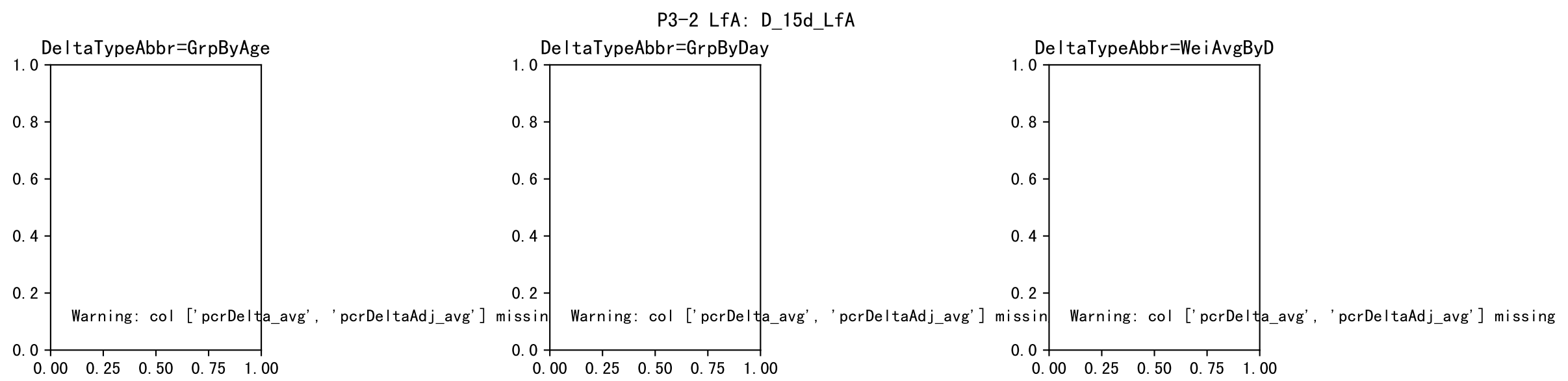

FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Object Number

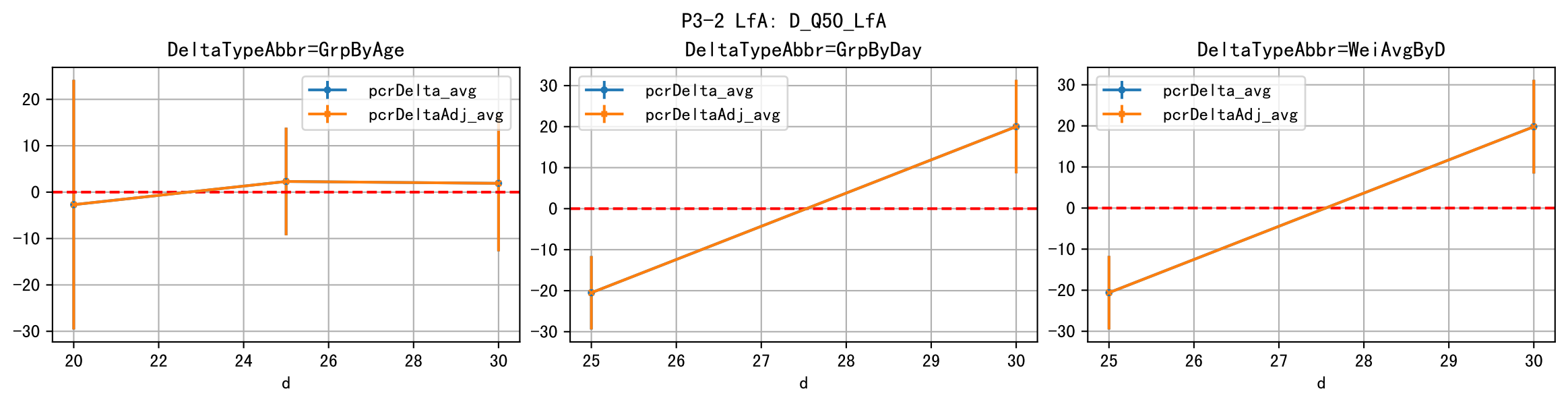

NNgen (Def=10 Set=7)
avg1=7.0~8% avg2=7.4
10
8
6
4
2
0
0.0
2.5
5.0
7.5
10.0
12.5
Object Number

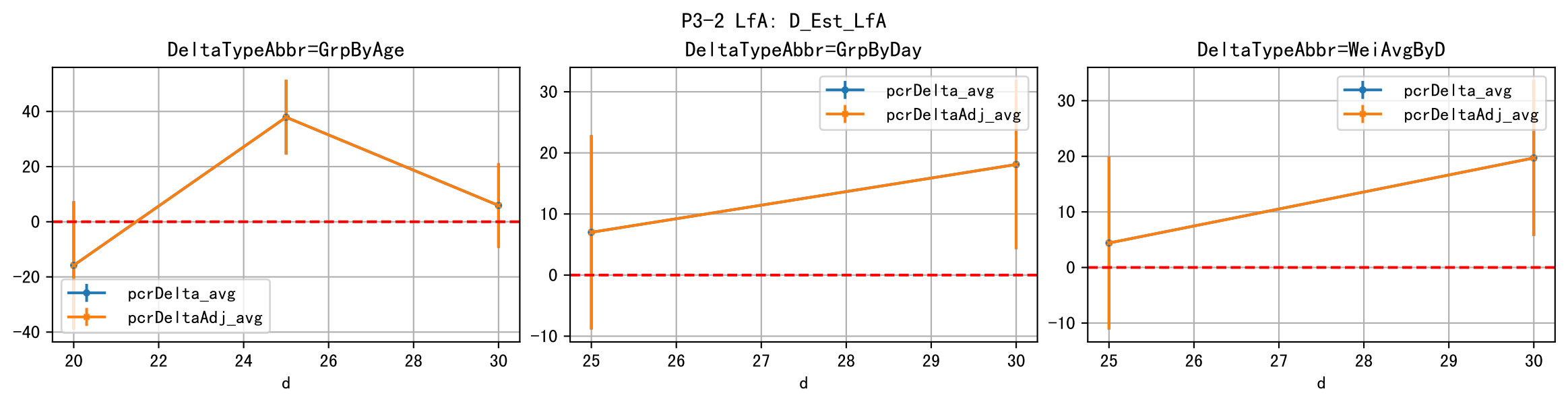

LfA: avg vs. d at each age group
age=20
age=25
age=30
avg
d
0.040
0.038
0.036
0.034
0.032
0.030
0.028
0.025
0.020
0.024
0.022
0.018
0.016
28.5
29.0
29.5
30.0
30.5
31.0
31.5
25
26
27
28
29
30

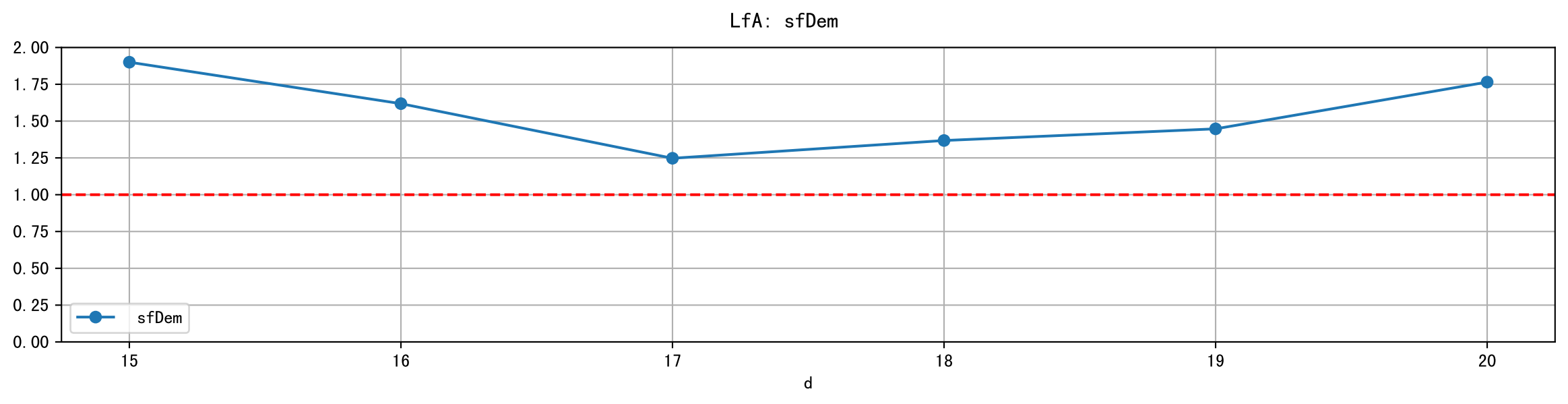

LfA: model est vs obs0v@Q50
0.034
0.032
0.030
0.028
0.026
0.024
0.022
0.020
20
22
24
26
28
30
age
q50
est


P3-2 LfA: D_5d_LfA
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missin
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missin
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missing
1.0
0.8
0.6
0.4
0.2
0.0
0.00
0.25
0.50
0.75
1.00

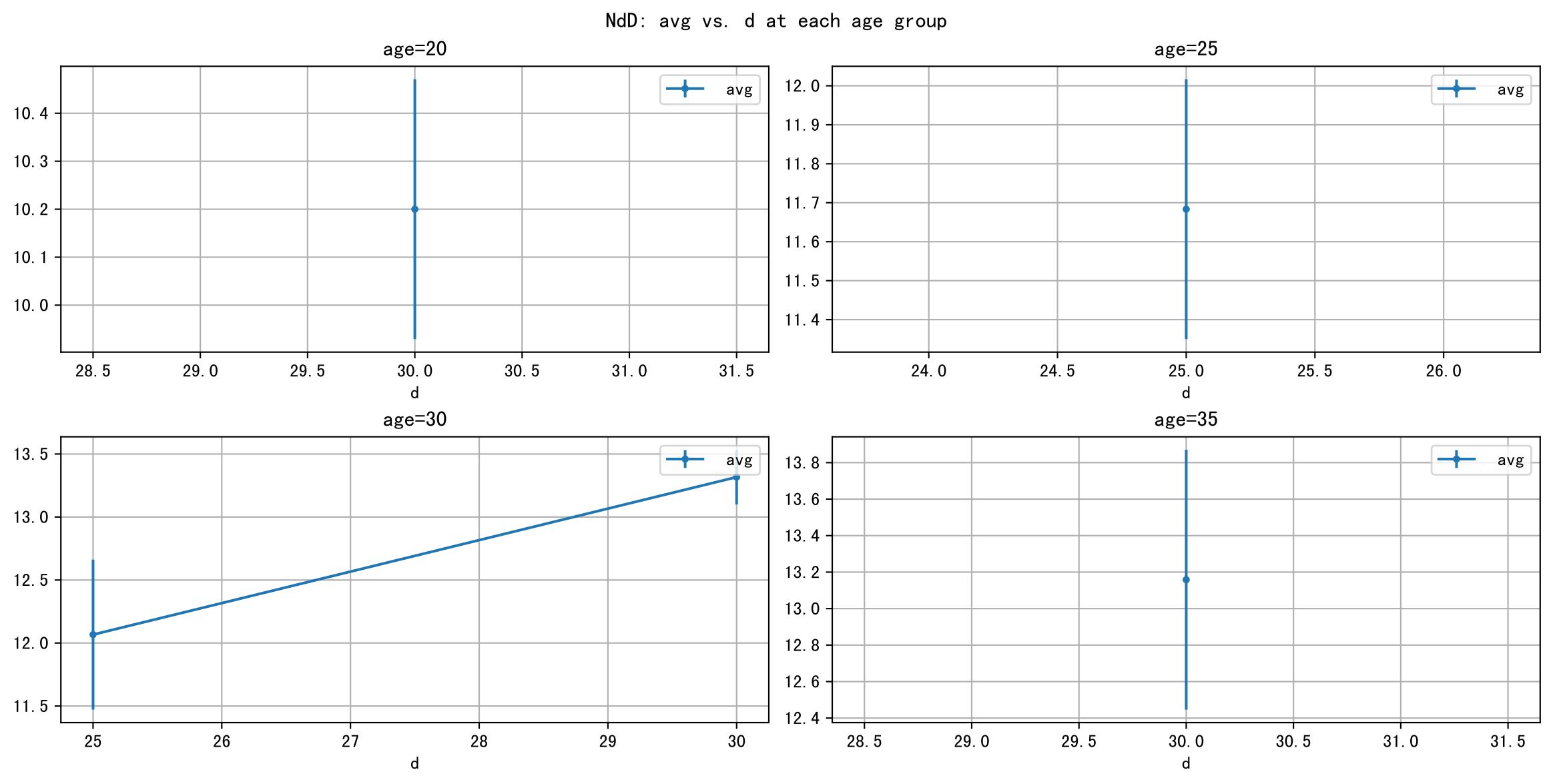

P3-2 LfA: D_15d_LfA
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missin
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missin
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missing

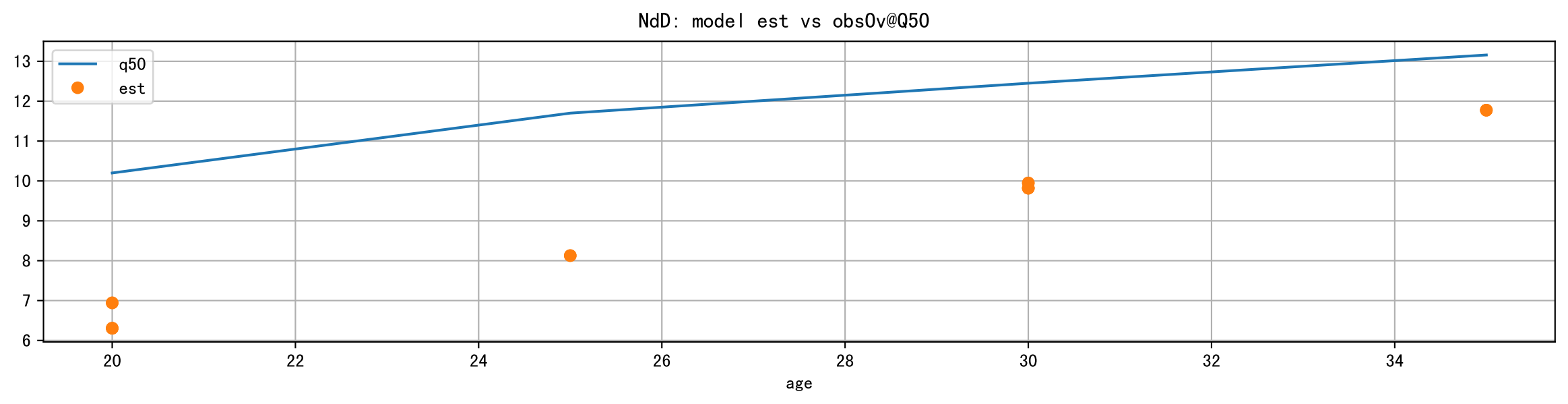

P3-2 LfA: D_Q50_LfA
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
d

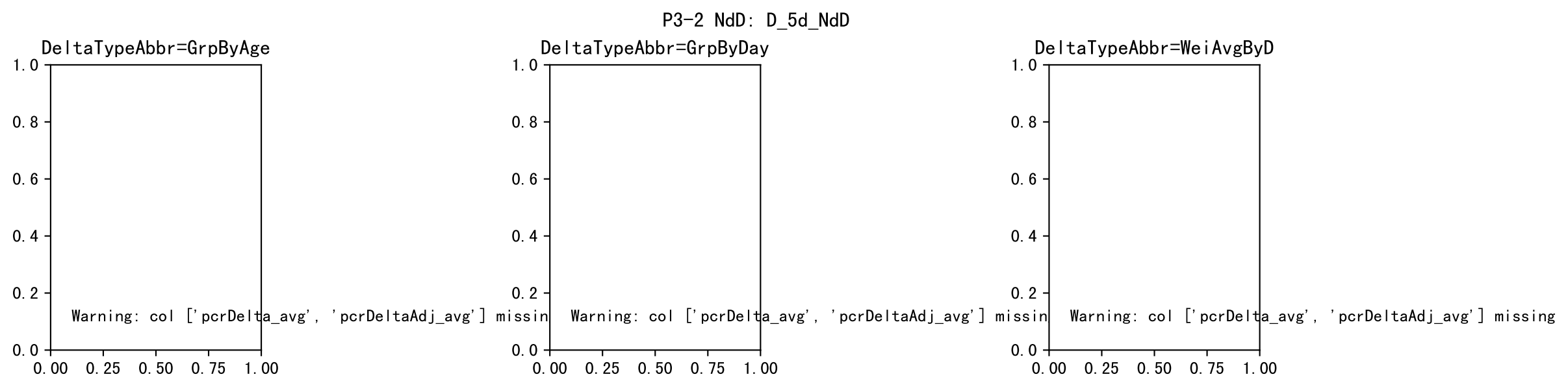

P3-2 LfA: D_Est_LfA
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
d

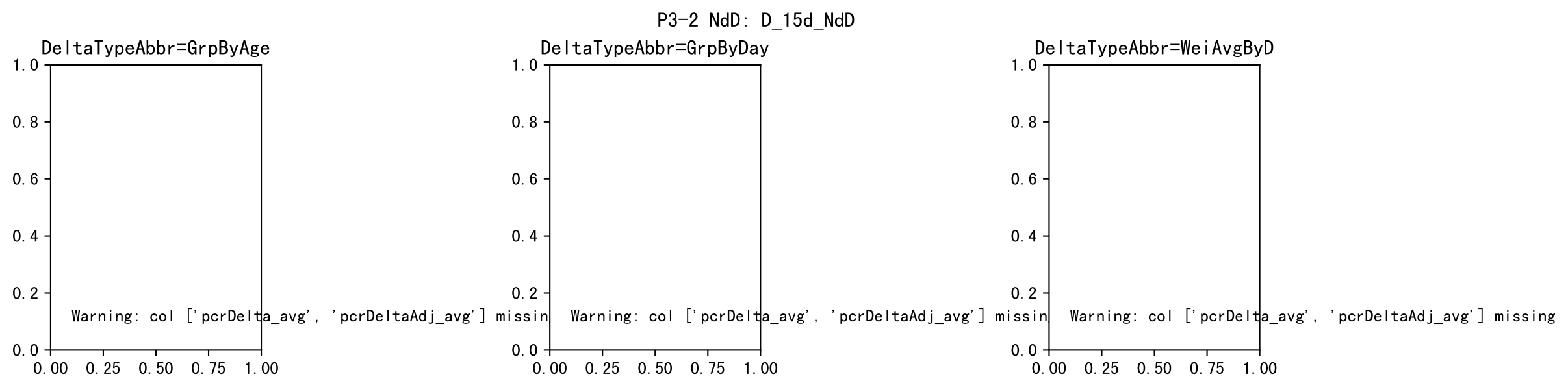

LfA: sfDem
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
sfDem
15
16
17
18
19
20
d

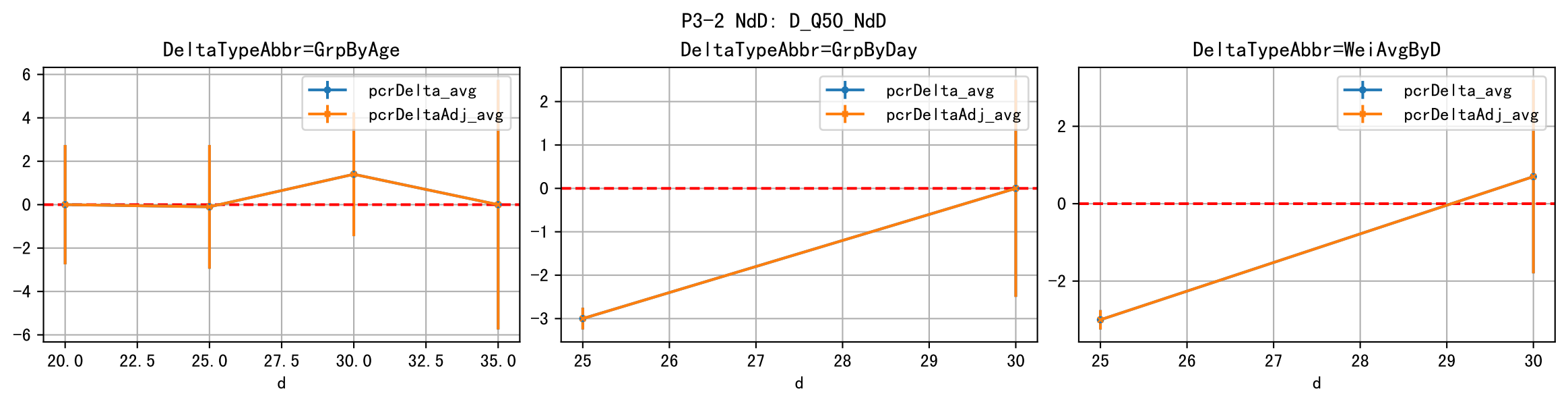

d
25
26
27
28
29
30
40
20
0
−20
−40

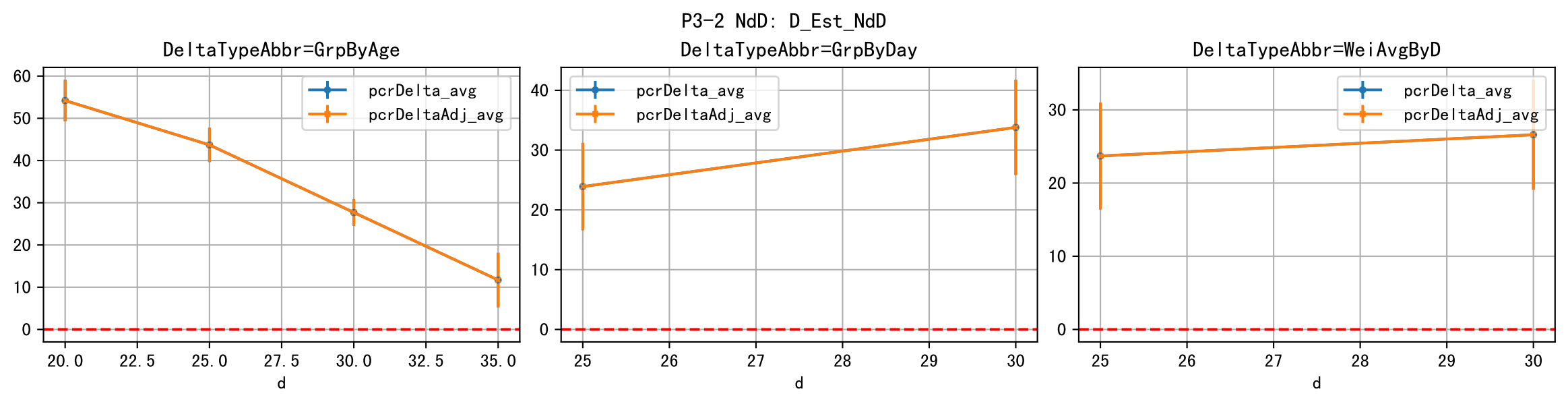

NdD: avg vs. d at each age group
age=20
avg
10.4
10.3
10.2
10.1
10.0
28.5
29.0
29.5
30.0
30.5
31.0
31.5
d
age=25
avg
12.0
11.9
11.8
11.7
11.6
11.5
11.4
24.0
24.5
25.0
25.5
26.0
d
age=30
avg
13.5
13.0
12.5
12.0
11.5
25
26
27
28
29
30
d
age=35
avg
13.8
13.6
13.4
13.2
13.0
12.8
12.6
12.4
28.5
29.0
29.5
30.0
30.5
31.0
31.5
d

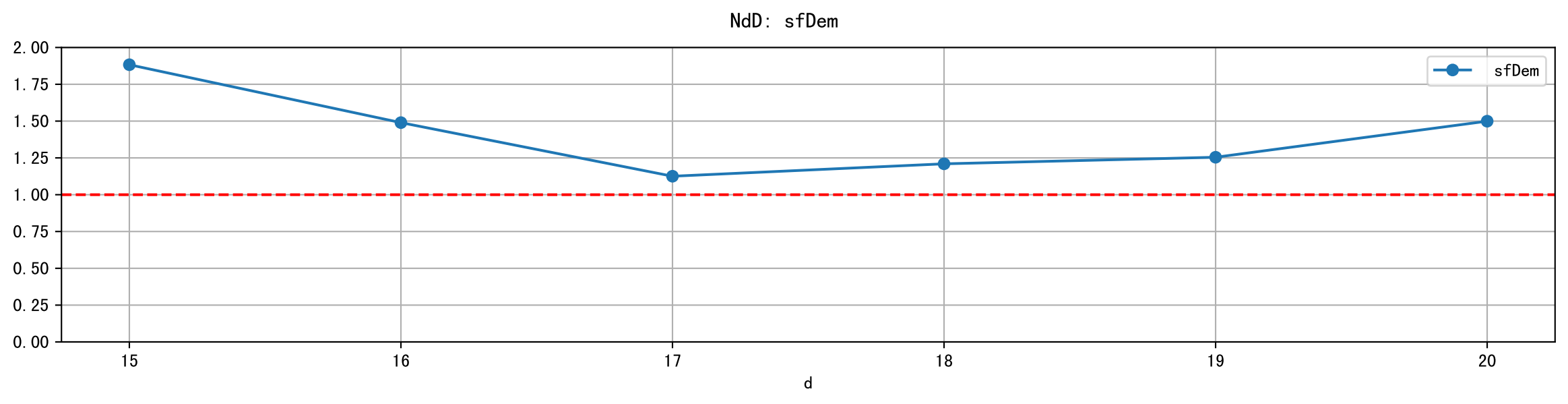

NdD: model est vs obs0v@Q50
q50
est
13
12
11
10
9
8
7
6
20
22
24
26
28
30
32
34
age


P3-2 NdD: D_5d_NdD
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missin
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missin
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missing

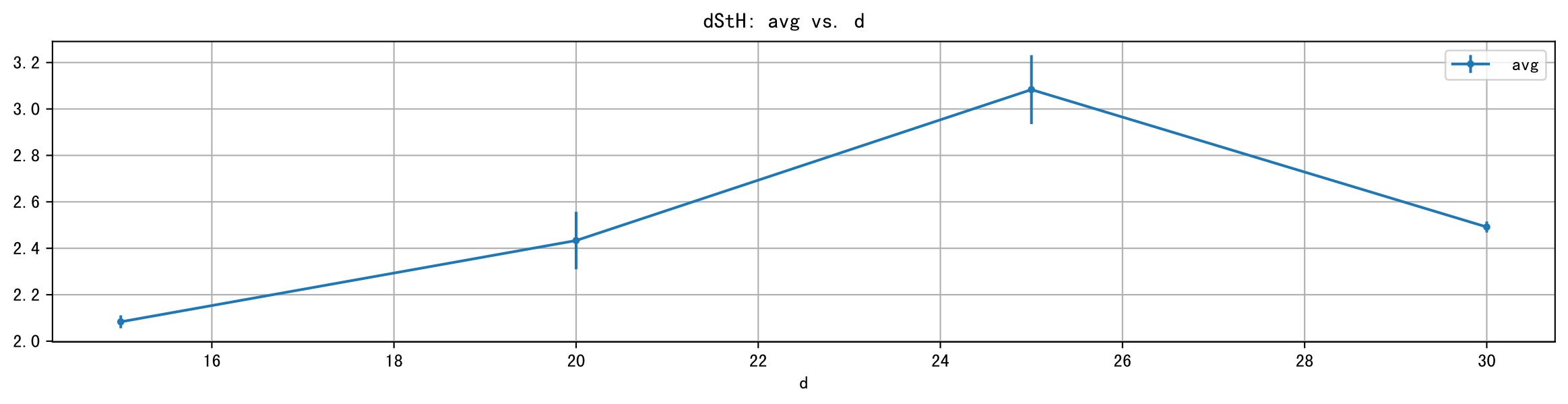

P3-2 NdD: D_15d_NdD
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missin
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missin
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missing

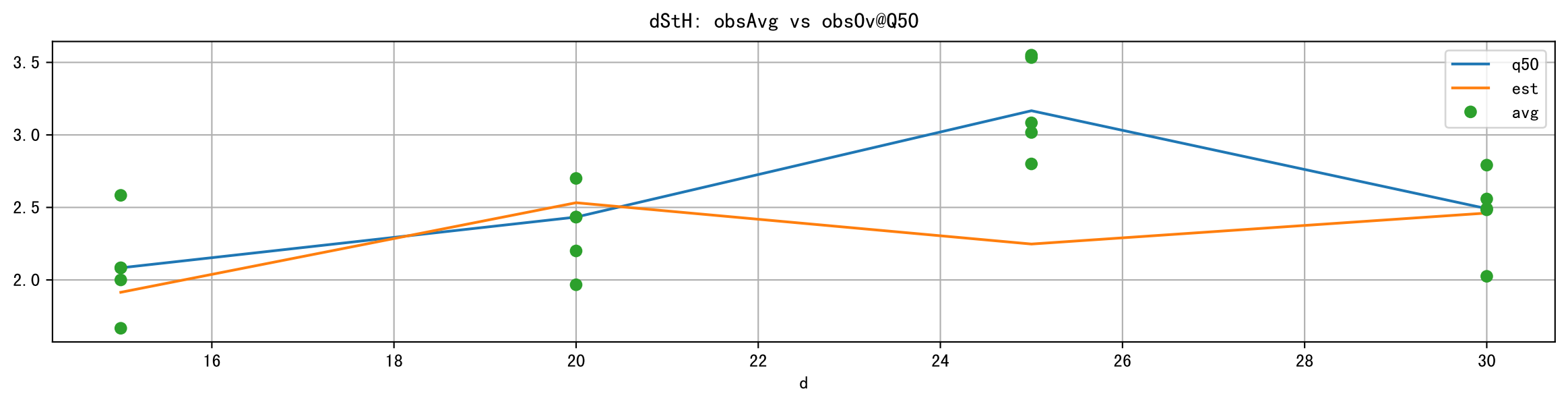

P3-2 NdD: D_Q50_NdD
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
d

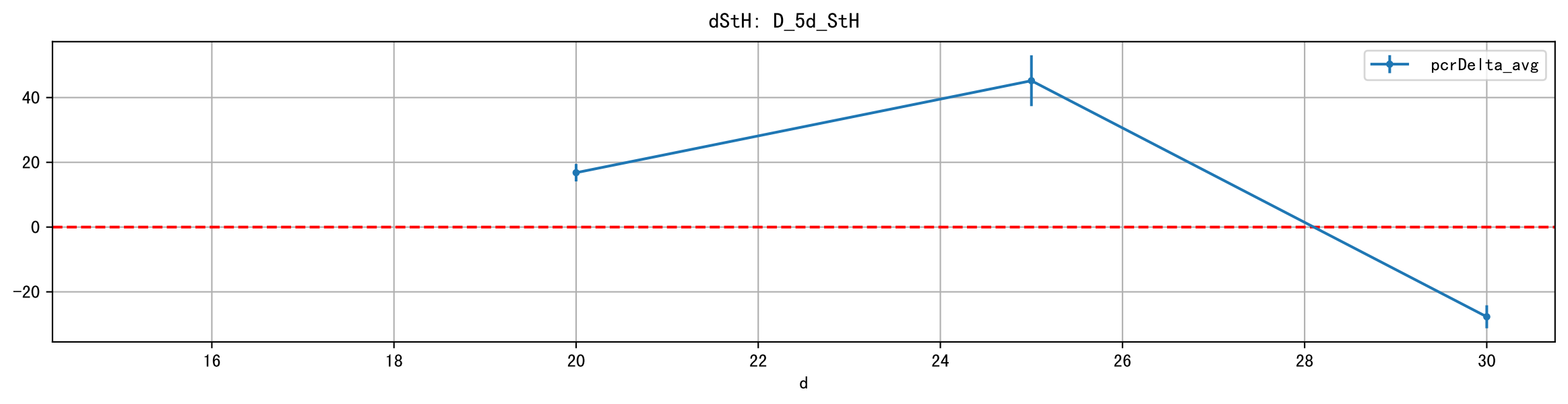

P3-2 NdD: D_Est_NdD
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
d

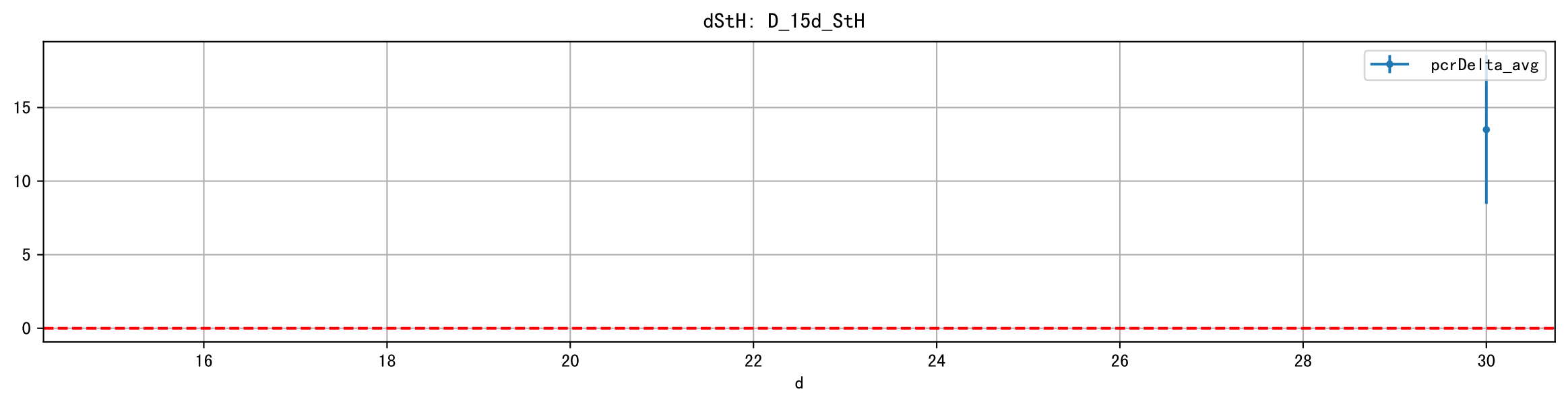

NdD: sfDem
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
15
16
17
18
19
20
d
sfDem

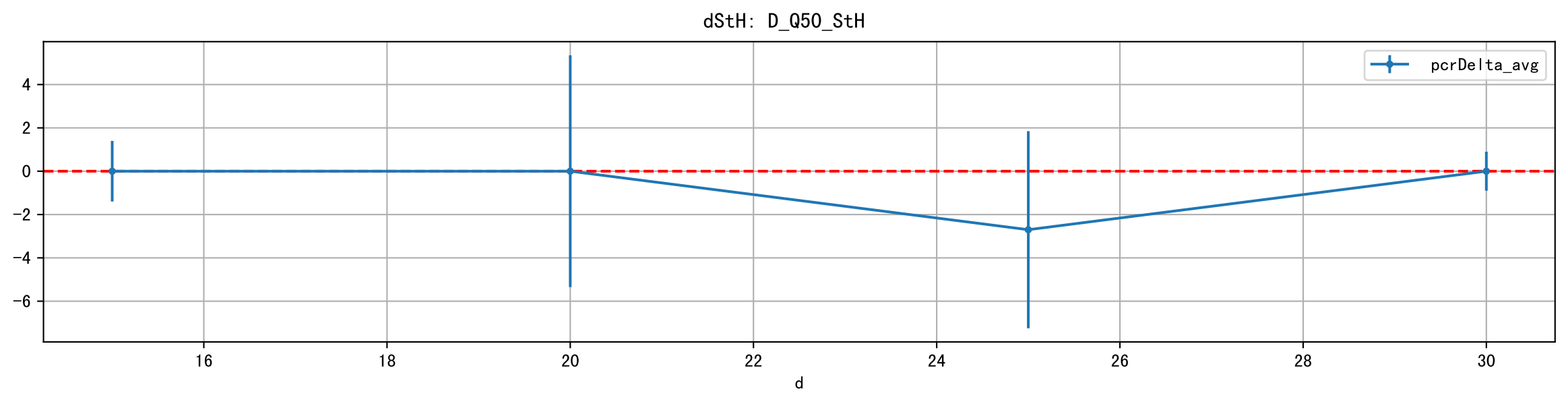

d
25
26
27
28
29
30
40
20
0
−20
−40

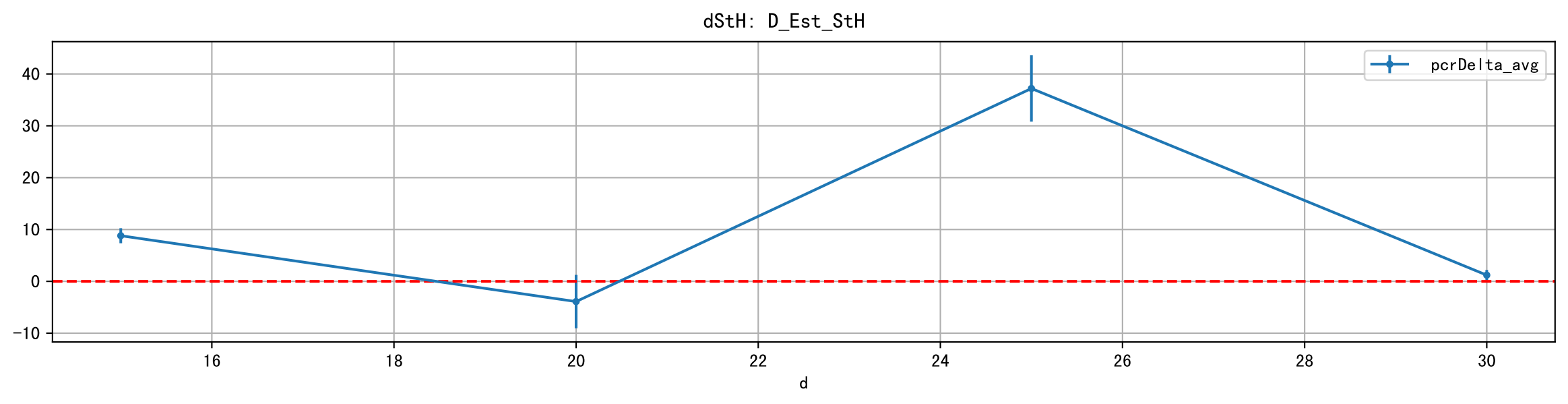

dStH: avg vs. d
avg
3.2
3.0
2.8
2.6
2.4
2.2
2.0
16
18
20
22
24
26
28
30
d

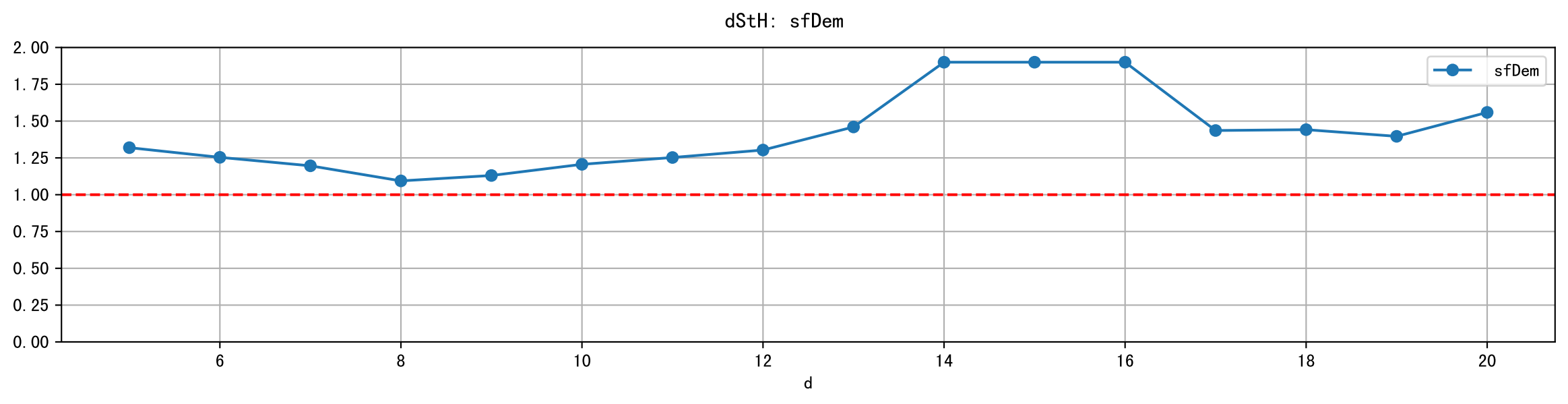

dStH: obsAvg vs obsOv@Q50
3.5
3.0
2.5
2.0
16
18
20
22
24
26
28
30
d
q50
est
avg

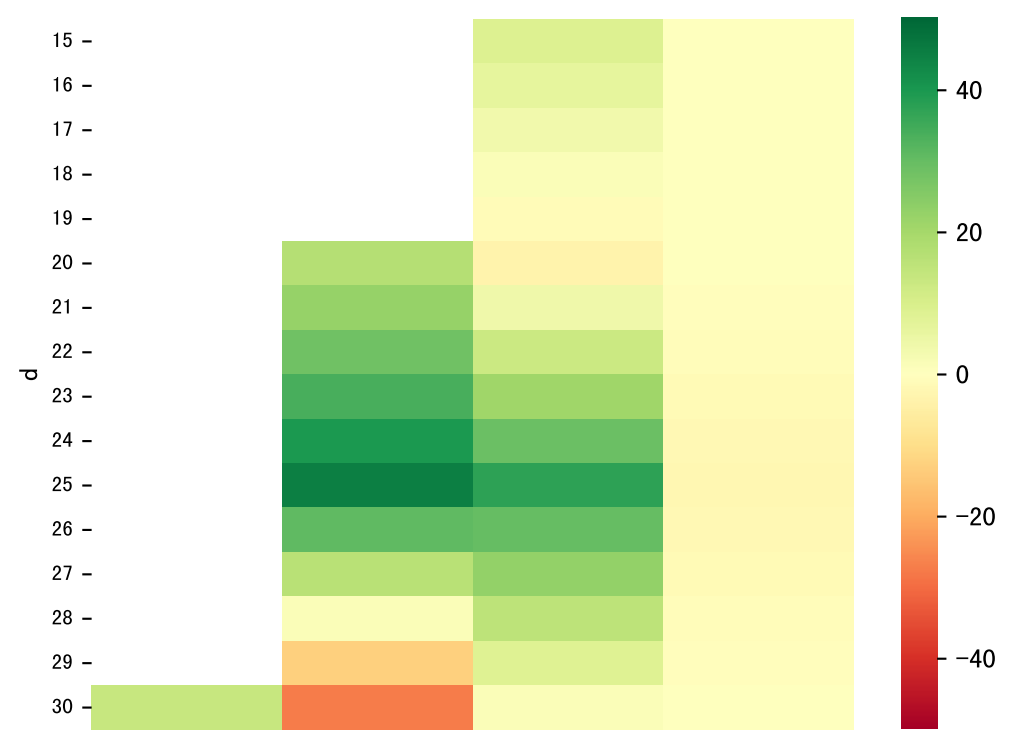

dStH: D_5d_StH
pcrDelta_avg
40
20
0
−20
16
18
20
22
24
26
28
30
d

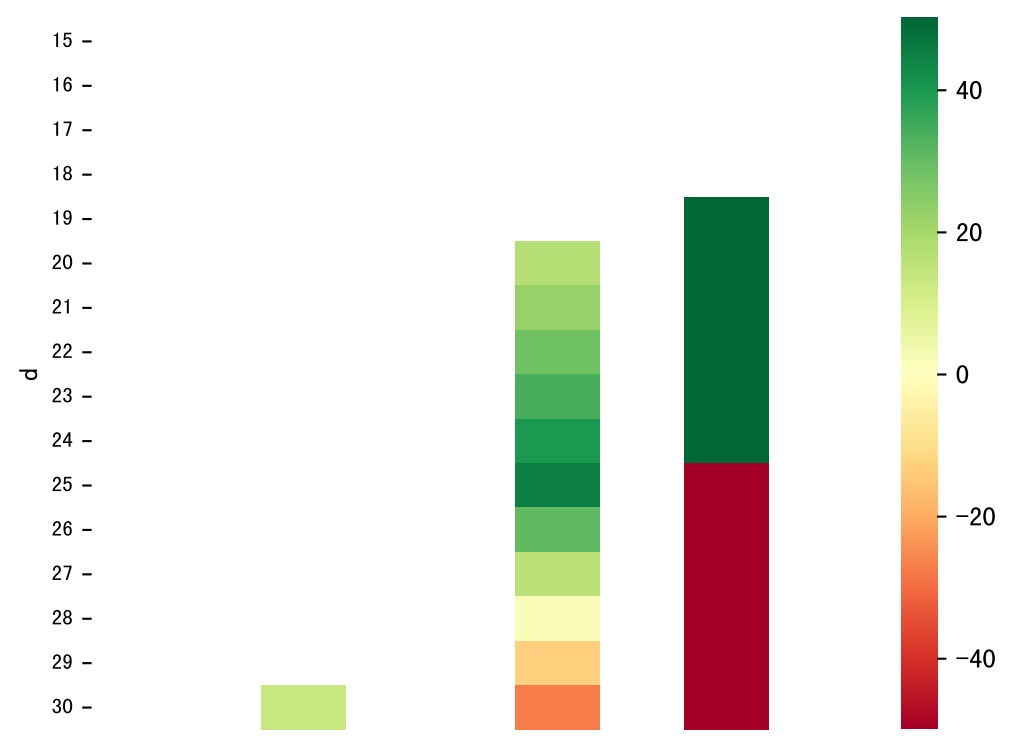

dStH: D_15d_StH
pcrDelta_avg
15
10
5
0
16
18
20
22
24
26
28
30
d


dStH: D_Q5O_StH
pcrDelta_avg
4
2
0
−2
−4
−6
16
18
20
22
24
26
28
30
d


dStH: D_Est_StH
pcrDelta_avg
40
30
20
10
0
−10
16
18
20
22
24
26
28
30
d


dStH: sfDem
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
6
8
10
12
14
16
18
20
d
sfDem


d
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
40
20
0
−20
−40


d
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
40
20
0
−20
−40