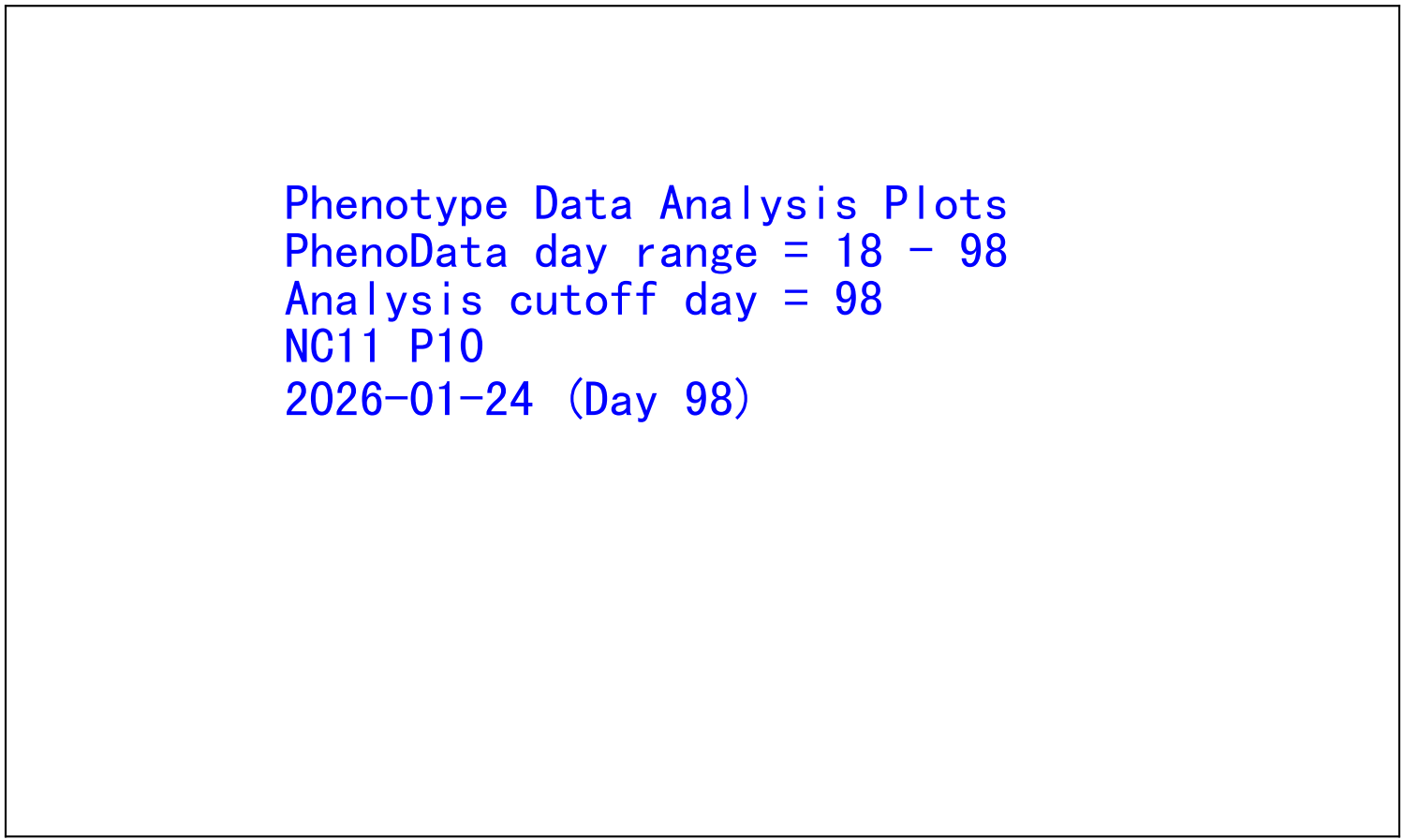
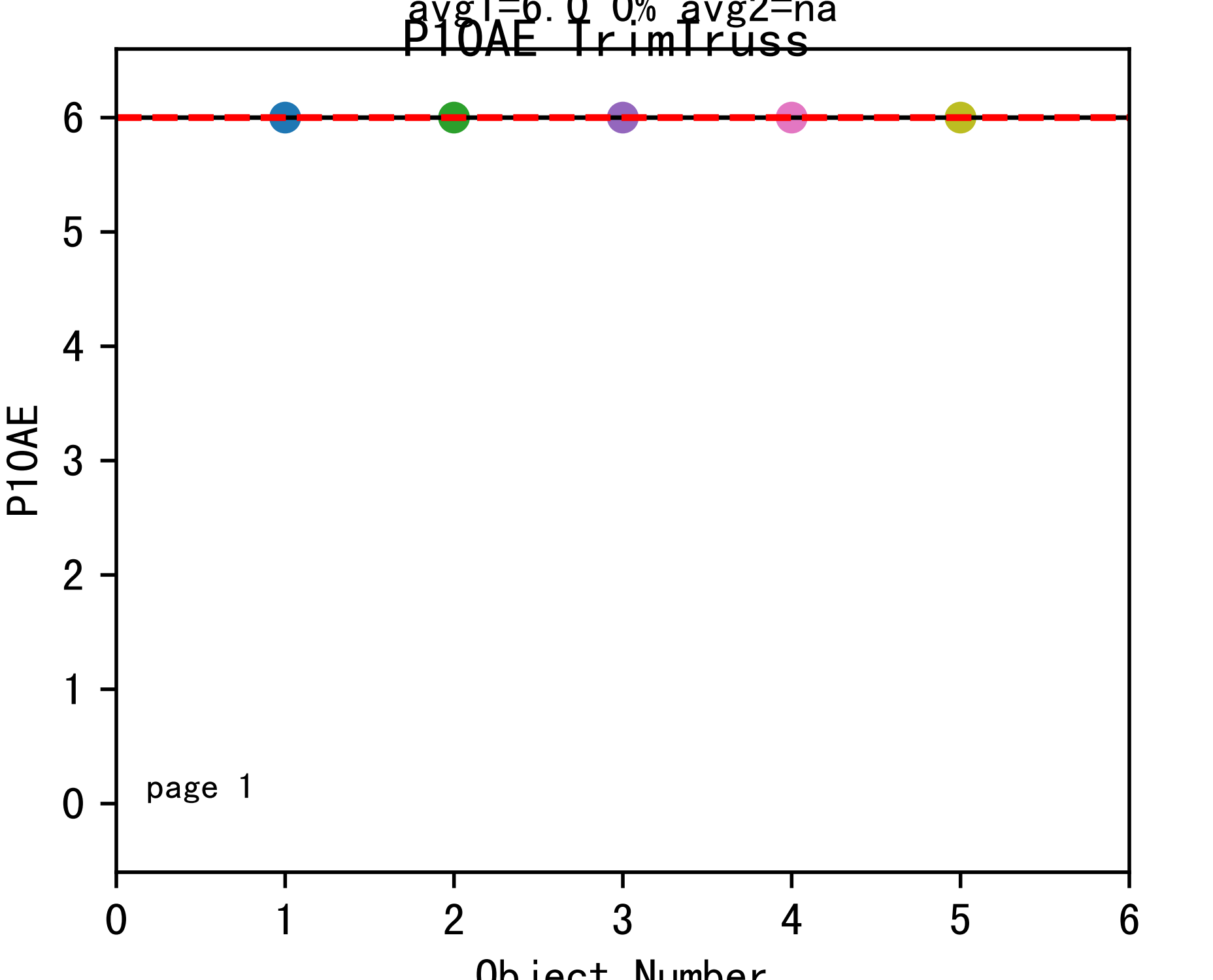
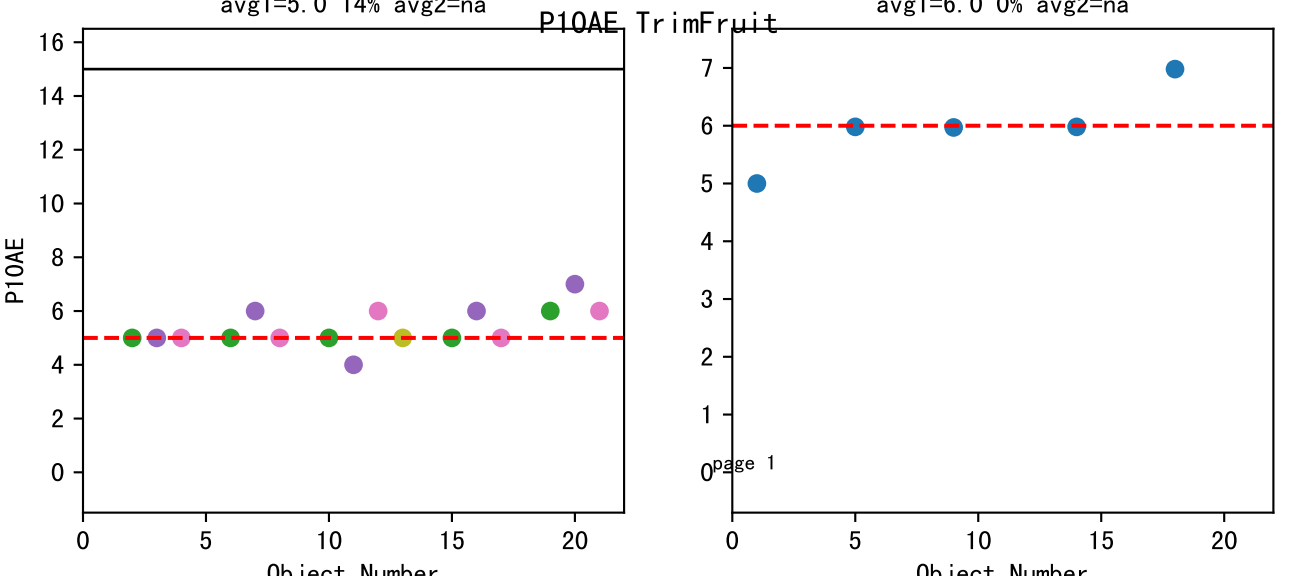
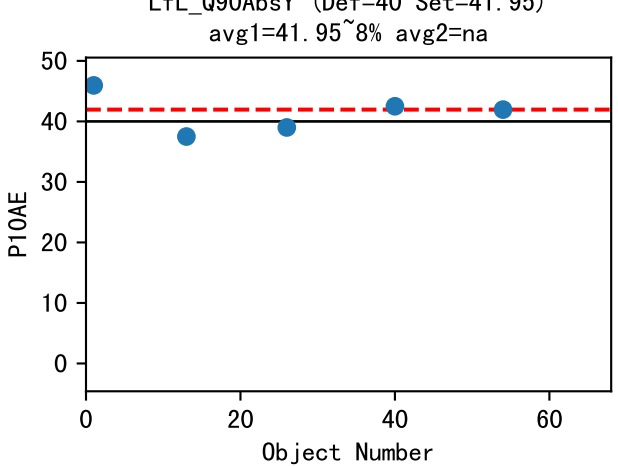
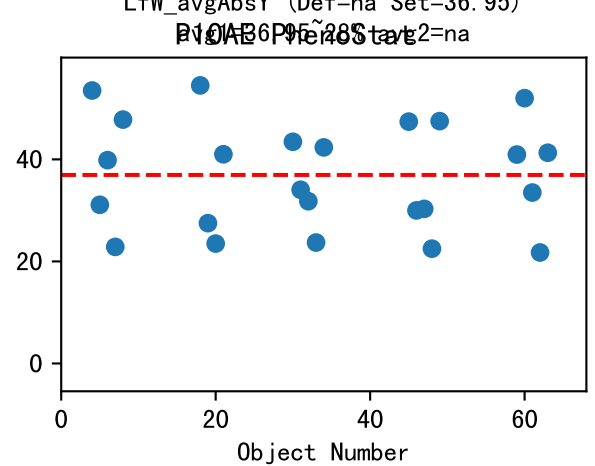
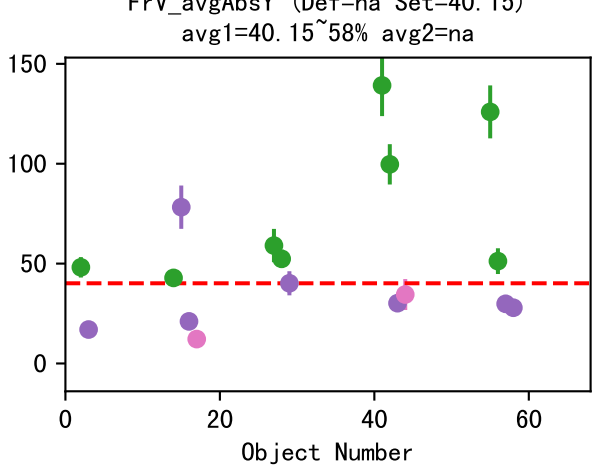

Phenotype Data Analysis Plots
PhenoData day range = 18 - 98
Analysis cutoff day = 98
NC11 P10
2026-01-24 (Day 98)

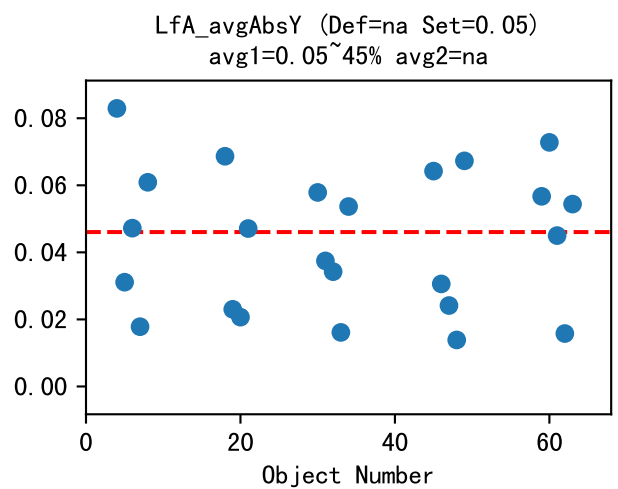

avg1=6.0 0% avg2=na
P10AE TrimTruss
P10AE
6
5
4
3
2
1
0
page 1
0
1
2
3
4
5
6
Object Number

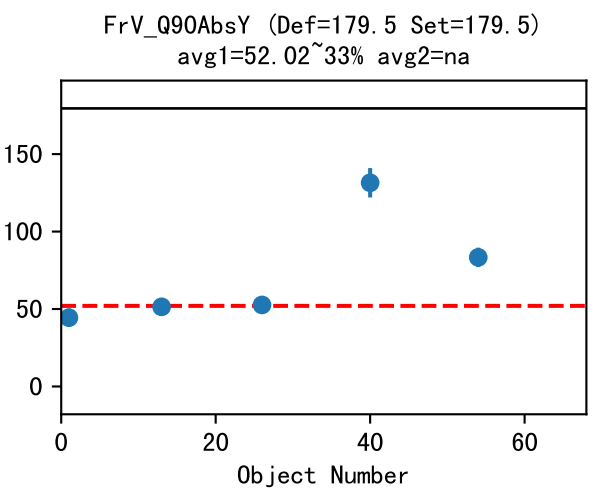

avg1=5.0 14% avg2=na
P10AE TrimFruit
avg1=6.0 0% avg2=na
P10AE
Object Number
Object Number
page 1

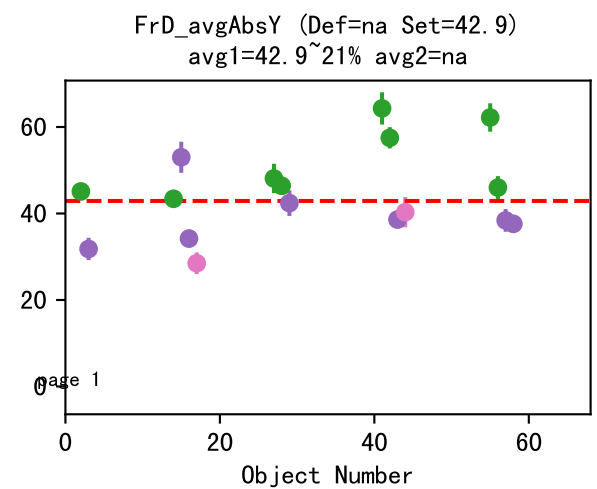

LfL_Q90AbsY (Def=40 Set=41.95)
avg1=41.95~8% avg2=na
P10AE
Object Number

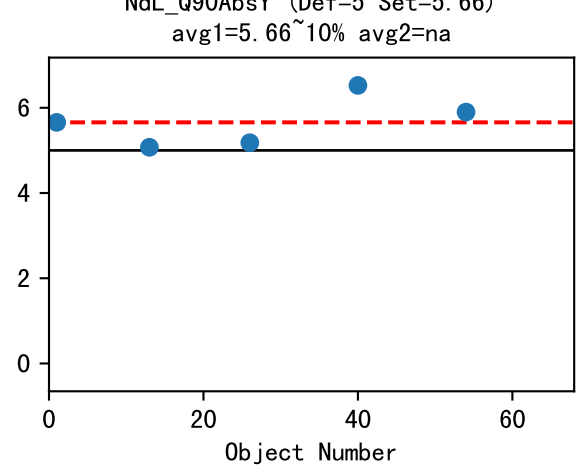

LfW_avgAbsY (Def=na Set=36.95)
avg1=36.95~28% avg2=na
Object Number

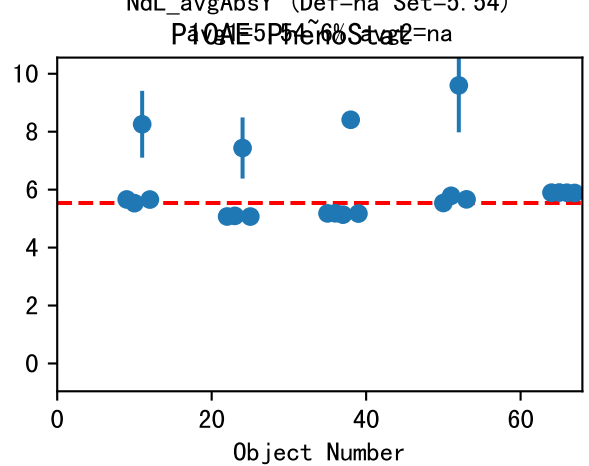

FrV_avgAbsY (Def=na Set=40.15)
avg1=40.15~58% avg2=na
Object Number

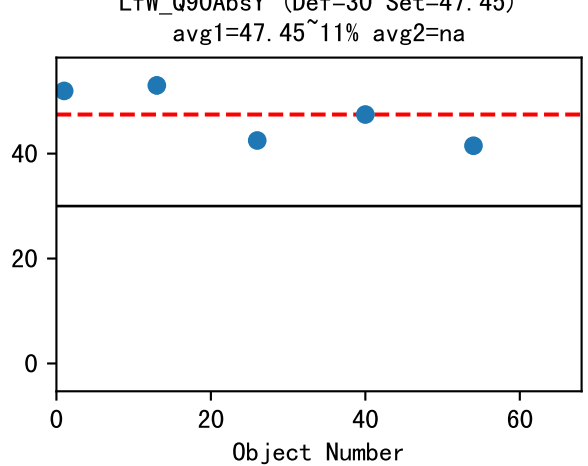

LfA_avgAbsY (Def=na Set=0.05)
avg1=0.05~45% avg2=na
Object Number

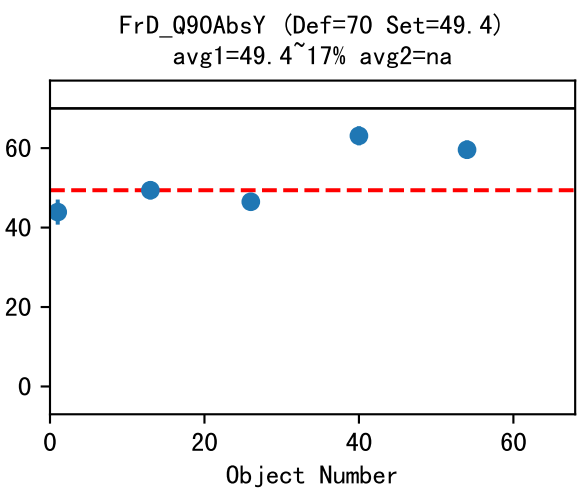

FrV_Q90AbsY (Def=179.5 Set=179.5)
avg1=52.02~33% avg2=na
Object Number

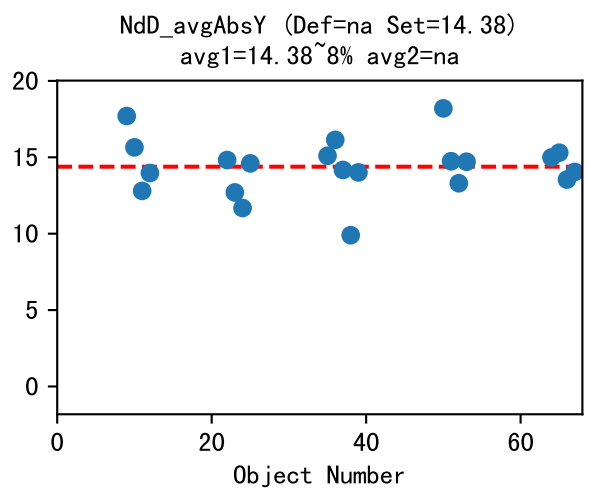

FrD_avgAbsY (Def=na Set=42.9)
avg1=42.9~21% avg2=na
Object Number

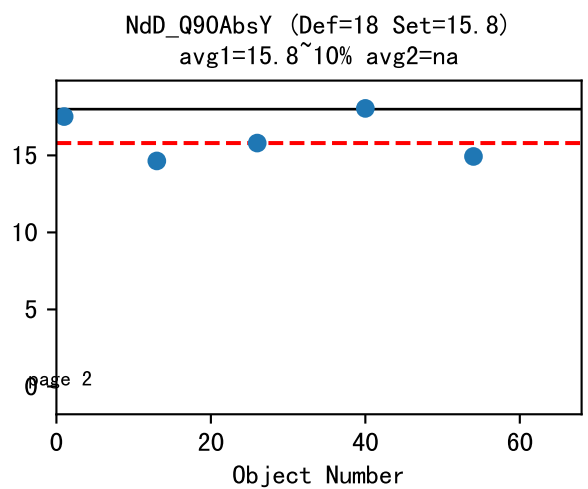

NdL_Q90AbsY (Def=5 Set=5.66)
avg1=5.66~10% avg2=na
Object Number

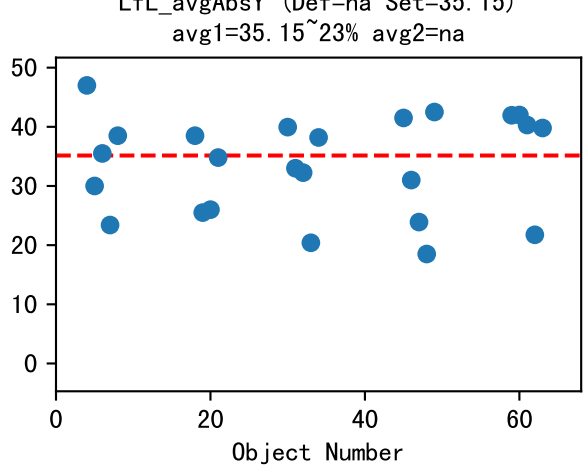

NdL_avgAbsY (Def=na Set=5.54)
avg1=5.54~6% avg2=na
Object Number

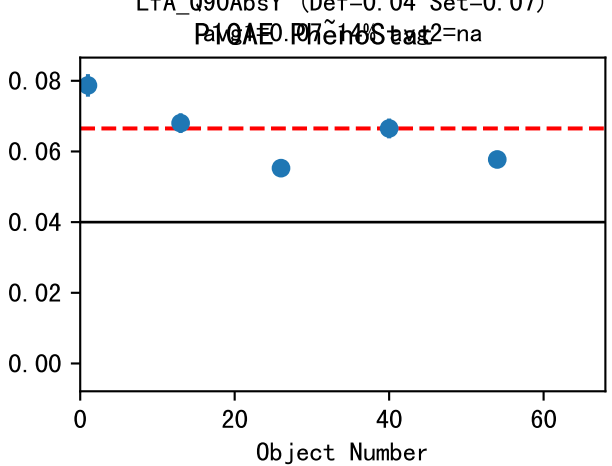

LfW_Q90AbsY (Def=30 Set=47.45)
avg1=47.45~11% avg2=na
Object Number

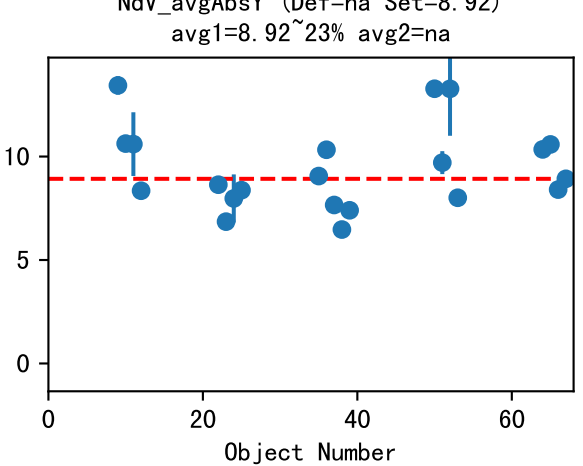

FrD_Q90AbsY (Def=70 Set=49.4)
avg1=49.4~17% avg2=na
Object Number

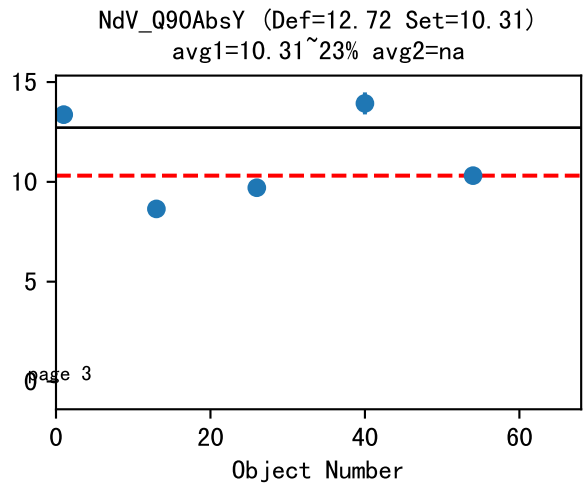

NdD_avgAbsY (Def=na Set=14.38)
avg1=14.38~8% avg2=na
Object Number

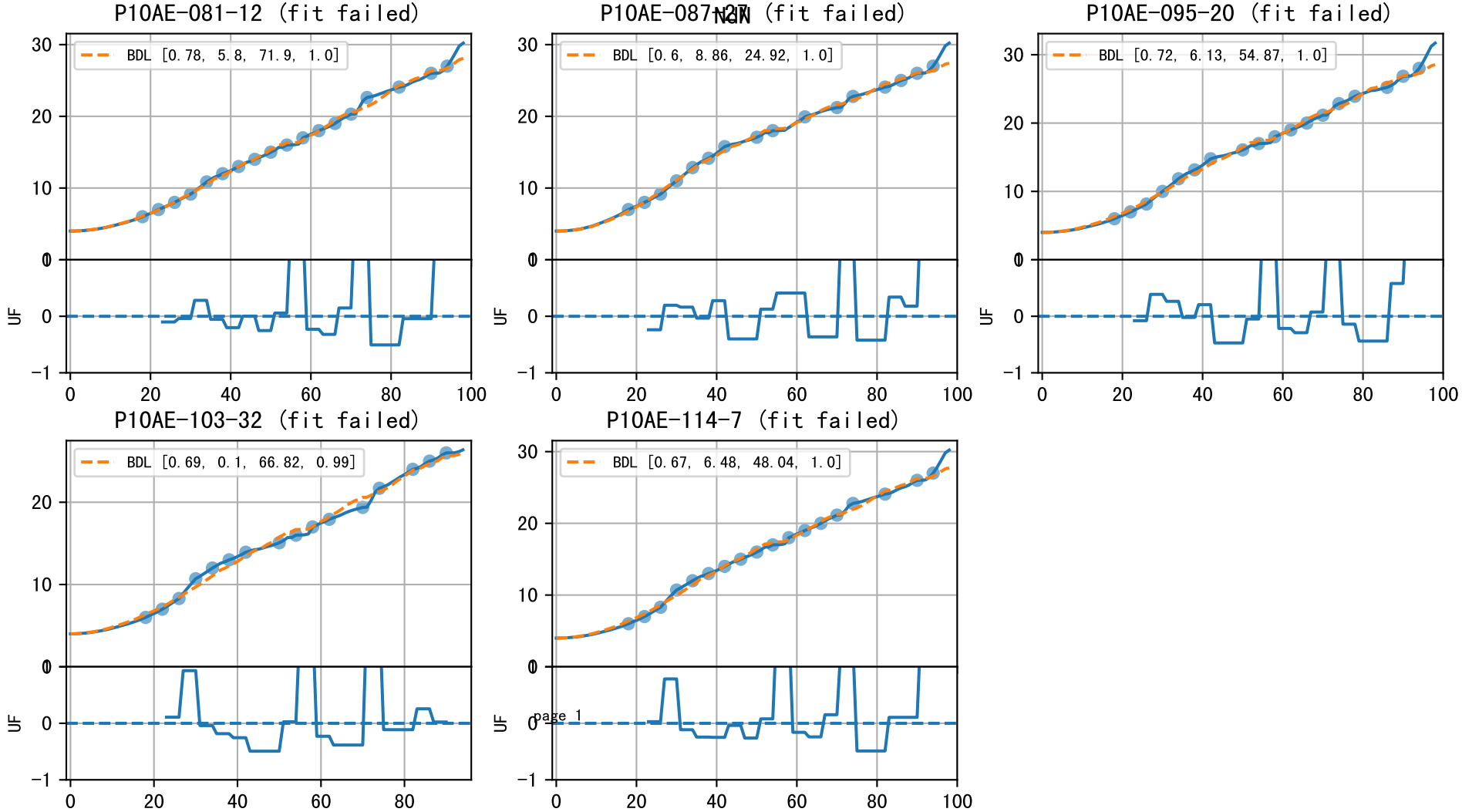

NdD_Q90AbsY (Def=18 Set=15.8)
avg1=15.8~10% avg2=na
Object Number

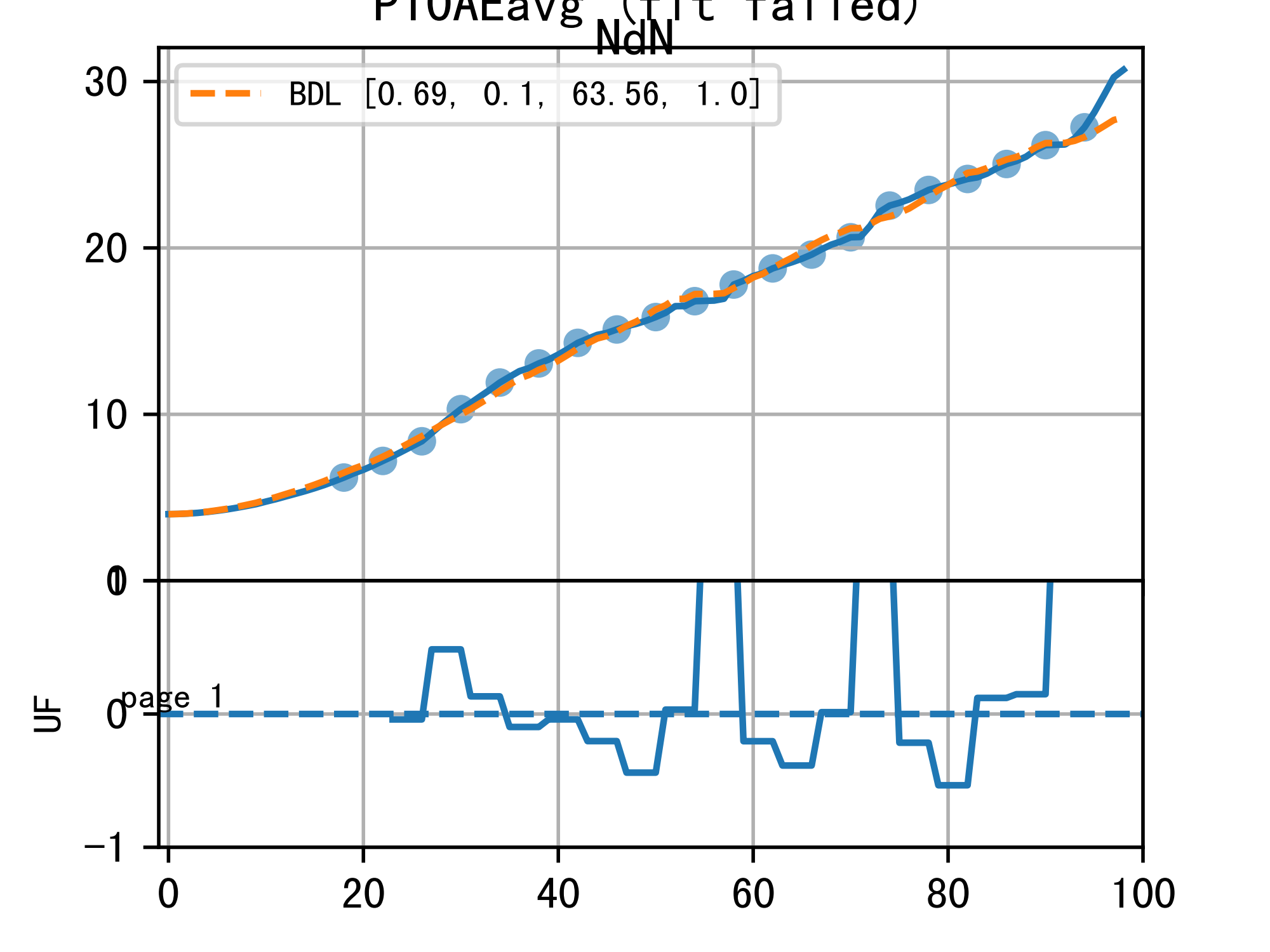

LfL_avgAbsY (Def=na Set=35.15)
avg1=35.15~23% avg2=na
50
40
30
20
10
0
0
20
40
60
Object Number

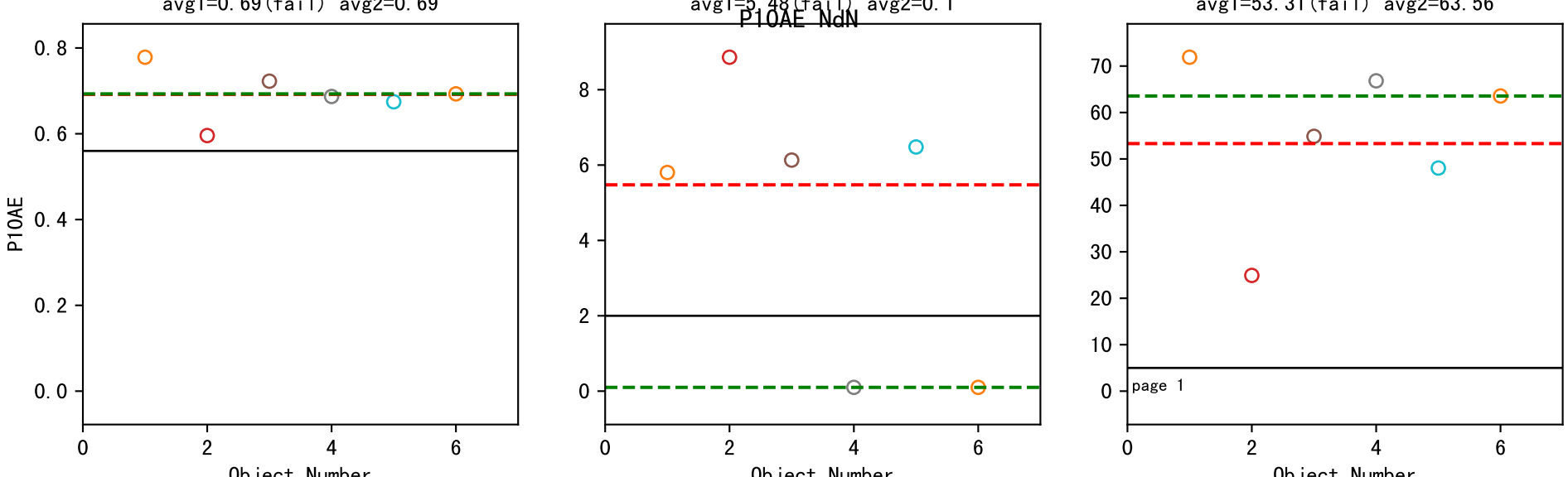

LfA_Q90AbsY (Def=0.04 Set=0.07)
avg1=0.07~14% avg2=na
0.08
0.06
0.04
0.02
0.00
0
20
40
60
Object Number

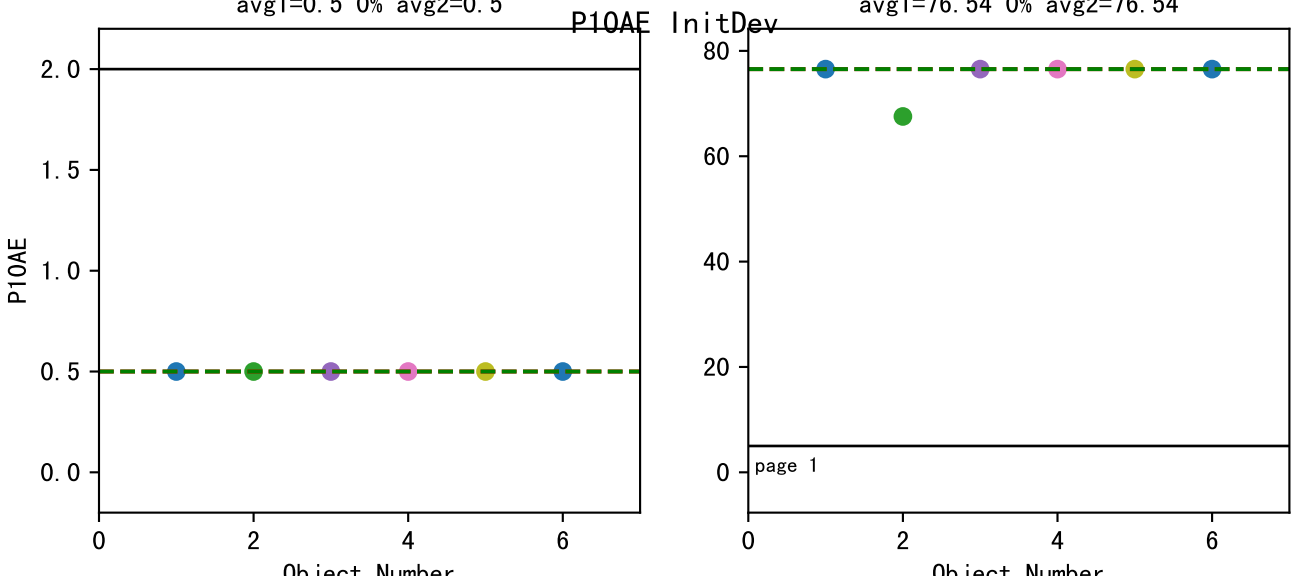

NdV_avgAbsY (Def=na Set=8.92)
avg1=8.92~23% avg2=na
10
5
0
0
20
40
60
Object Number

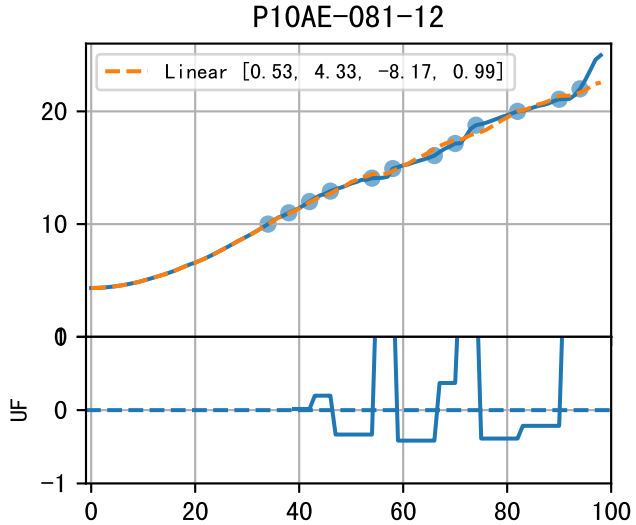

NdV_Q90AbsY (Def=12.72 Set=10.31)
avg1=10.31~23% avg2=na
15
10
5
0
0
20
40
60
Object Number

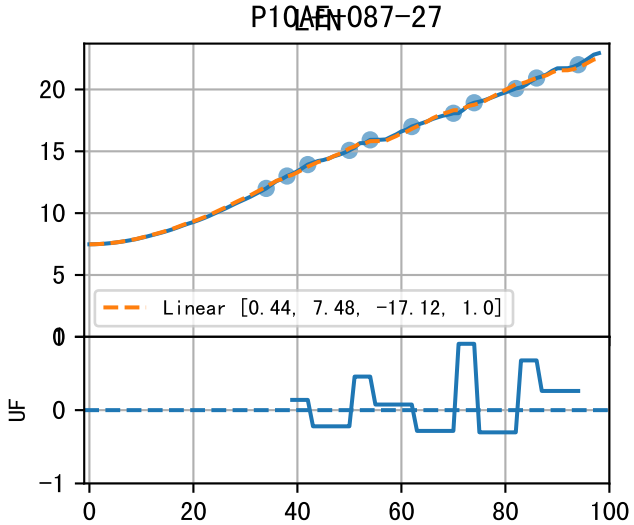

P10AE-081-12 (fit failed)
BDL [0.78, 5.8, 71.9, 1.0]
P10AE-087-27 (fit failed)
BDL [0.6, 8.86, 24.92, 1.0]
P10AE-095-20 (fit failed)
BDL [0.72, 6.13, 54.87, 1.0]
P10AE-103-32 (fit failed)
BDL [0.69, 0.1, 66.82, 0.99]
P10AE-114-7 (fit failed)
BDL [0.67, 6.48, 48.04, 1.0]
UF
page 1

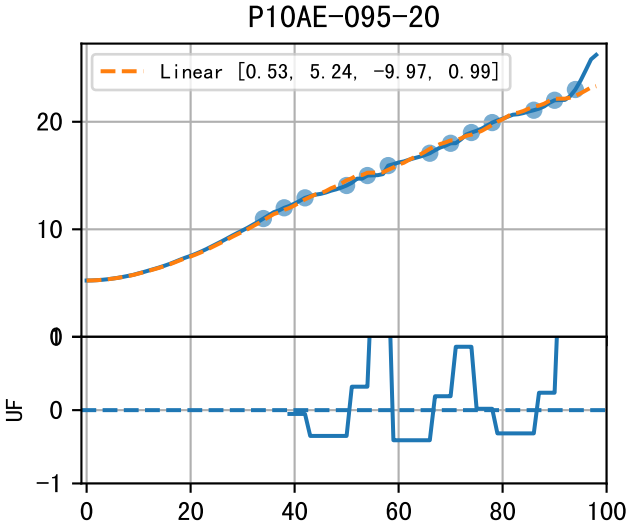

PTOAEavg (fit failed)
NdN
BDL [0.69, 0.1, 63.56, 1.0]
30
20
10
0
0
−1
UF
page 1
0
20
40
60
80
100

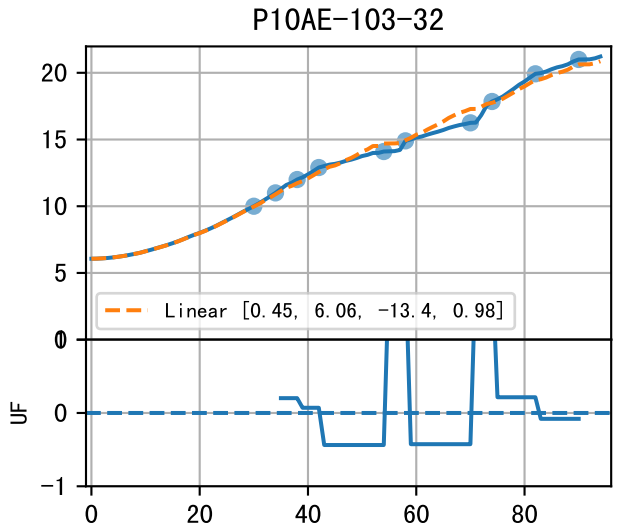

avg1=0.69(fail) avg2=0.69
P10AE
0.8
0.6
0.4
0.2
0.0
0
2
4
6
Object Number
P10AE NdN
avg1=5.48(fail) avg2=0.1
8
6
4
2
0
0
2
4
6
Object Number
avg1=53.31(fail) avg2=63.56
70
60
50
40
30
20
10
0
0
2
4
6
Object Number
page 1

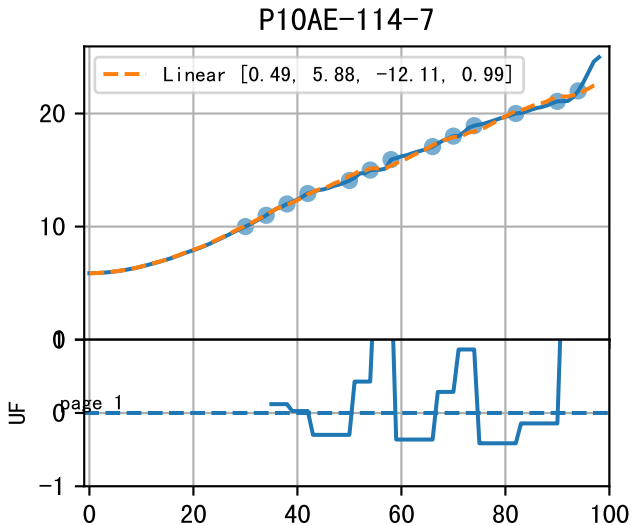

P10AE InitDev
avg1=0.5 0% avg2=0.5
avg1=76.54 0% avg2=76.54
P10AE
2.0
1.5
1.0
0.5
0.0
80
60
40
20
0
0
2
4
6
Object Number
page 1

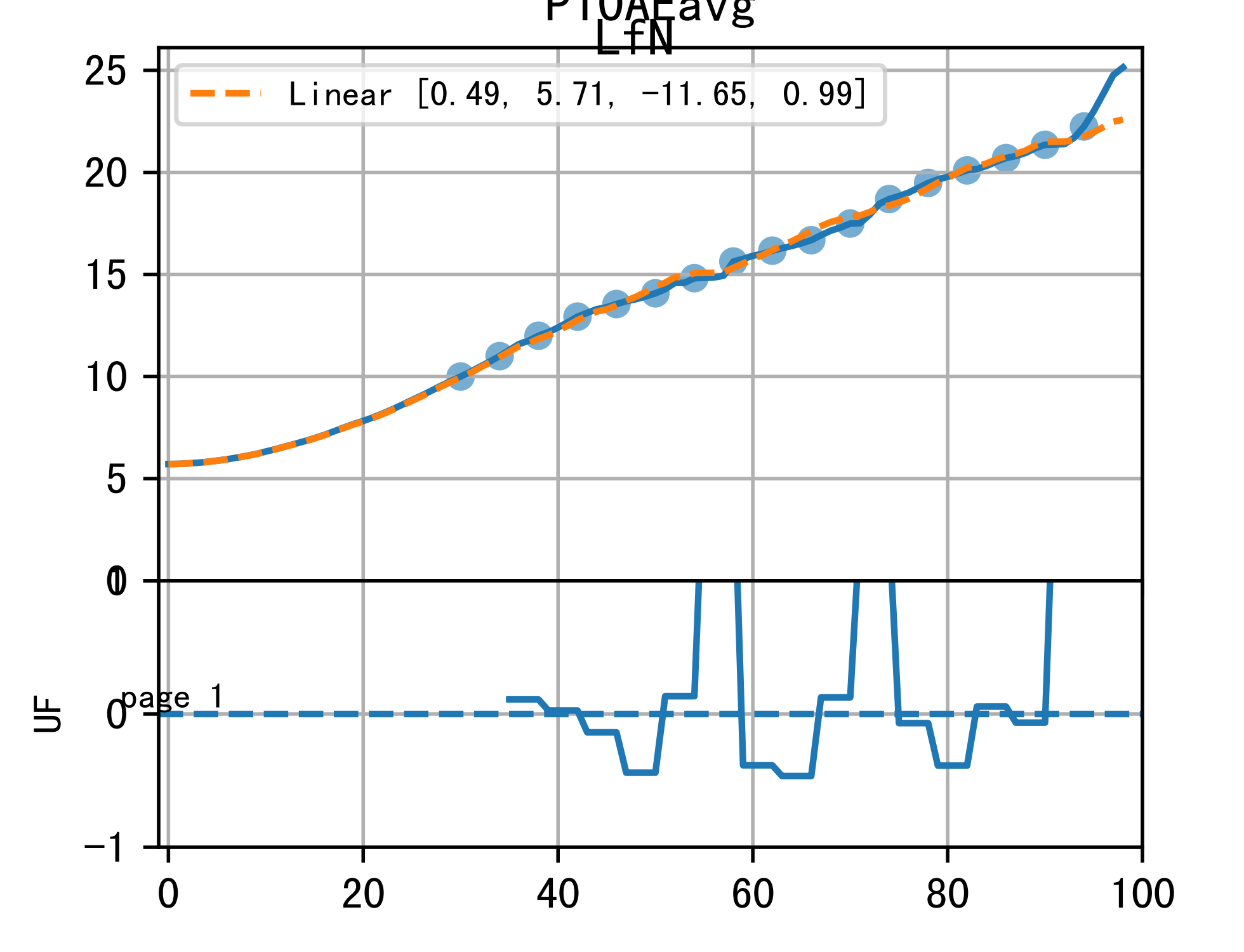

P10AE-081-12
Linear [0.53, 4.33, -8.17, 0.99]
UF

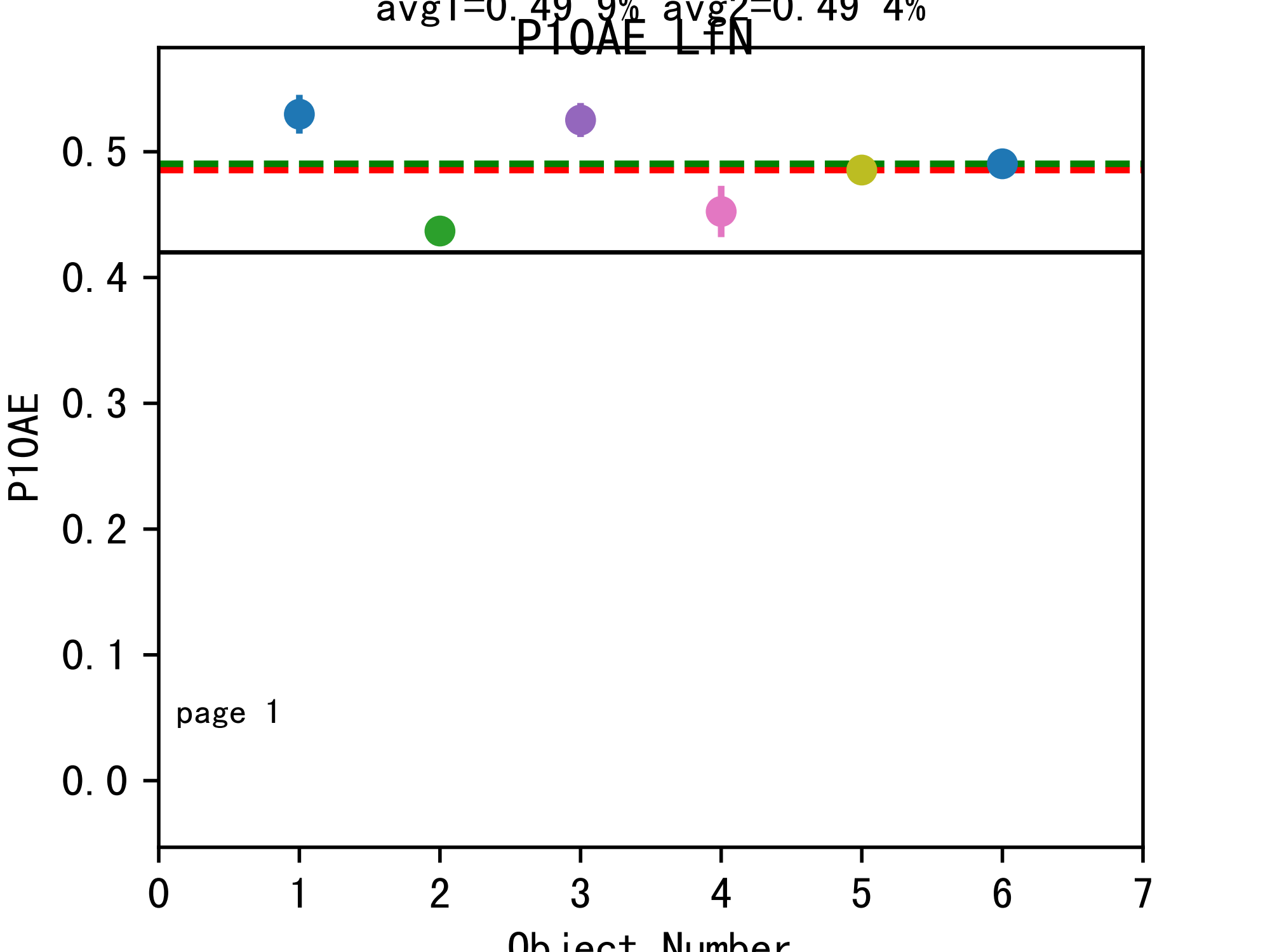

P10AE-087-27
Linear [0.44, 7.48, -17.12, 1.0]
UF


P10AE-095-20
Linear [0.53, 5.24, -9.97, 0.99]
UF

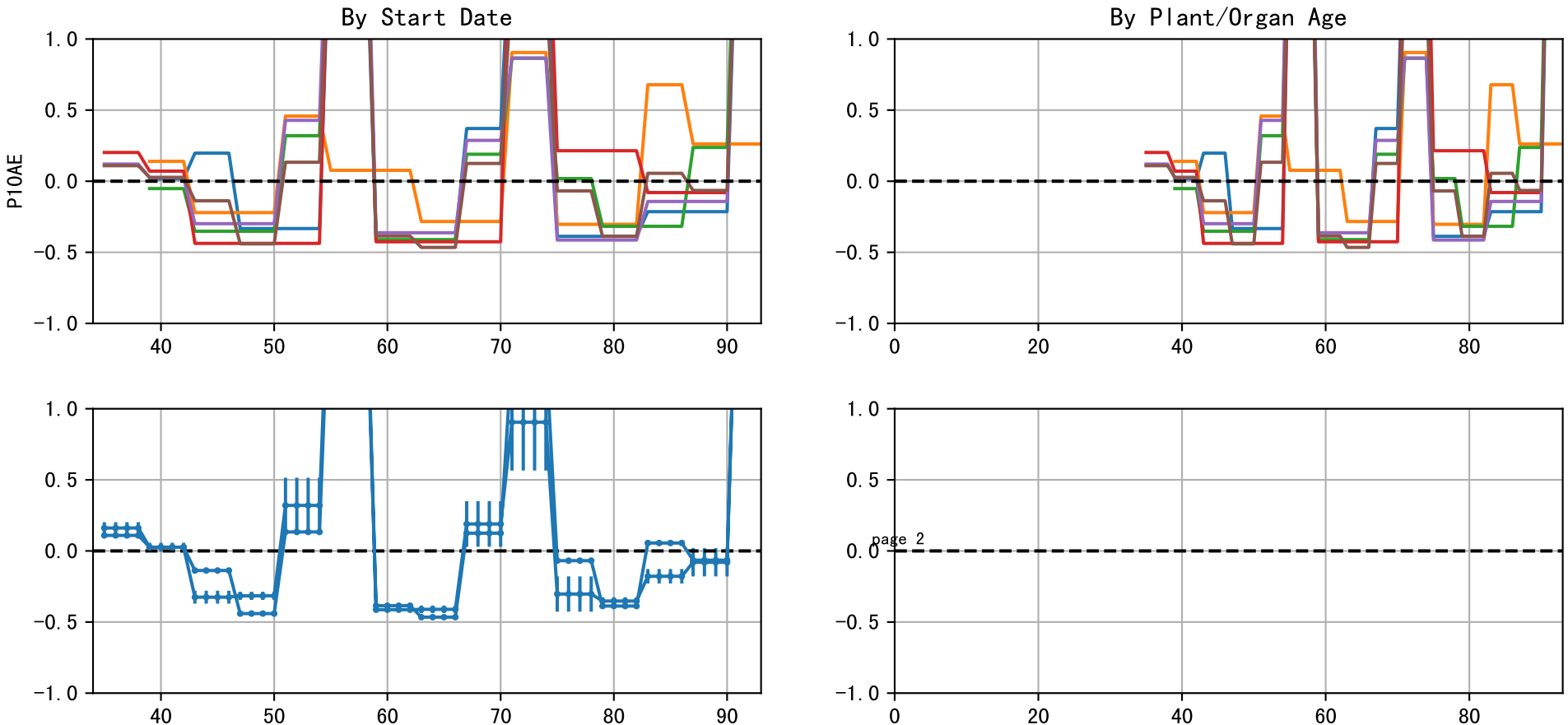

P10AE-103-32
Linear [0.45, 6.06, -13.4, 0.98]
UF

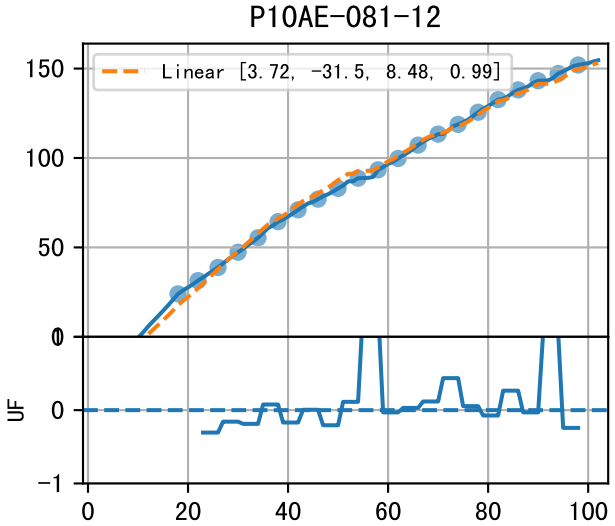

P10AE-114-7
Linear [0.49, 5.88, -12.11, 0.99]
UF

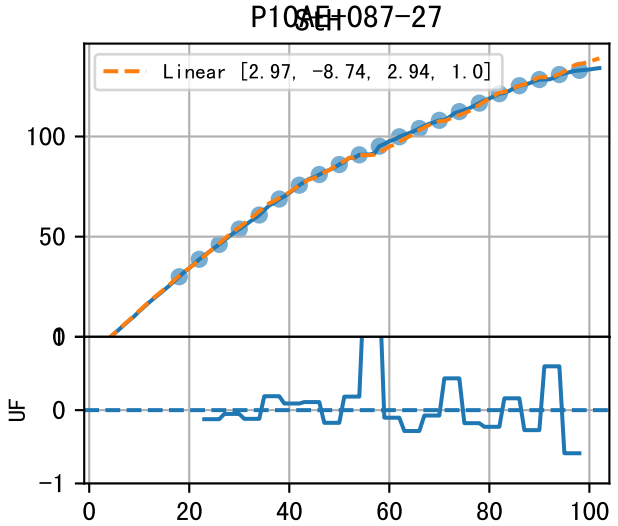

PTOAEavg
LfN
Linear [0.49, 5.71, -11.65, 0.99]
25
20
15
10
5
0
0
0
−1
UF
page 1
0
20
40
60
80
100

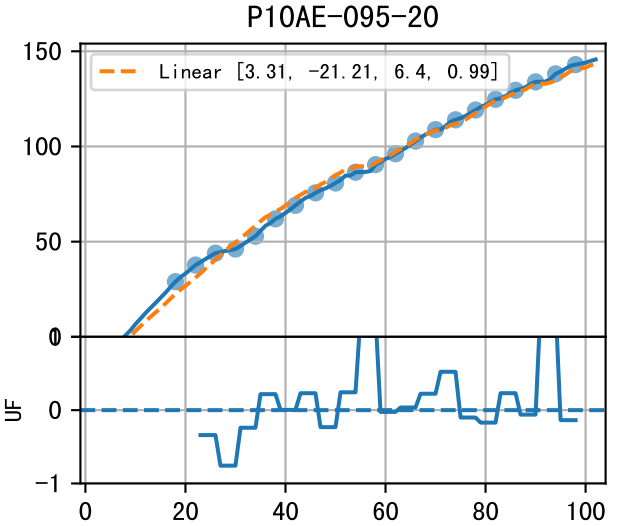

avg1=0.49 9% avg2=0.49 4%
P10AE LfN
0.5
0.4
0.3
0.2
0.1
0.0
P10AE
page 1
0
1
2
3
4
5
6
7
Object Number

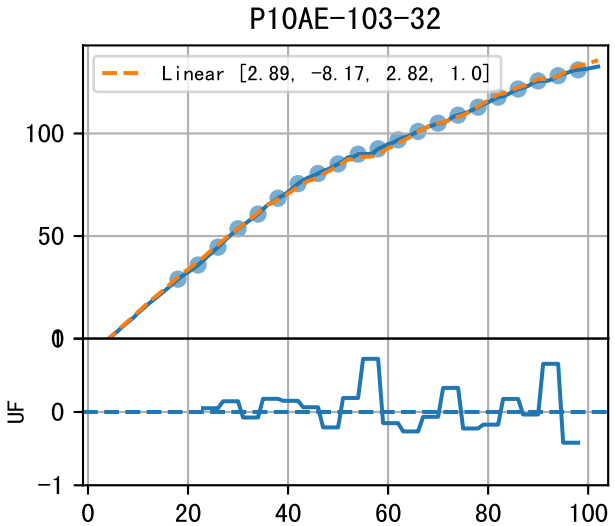
LfN

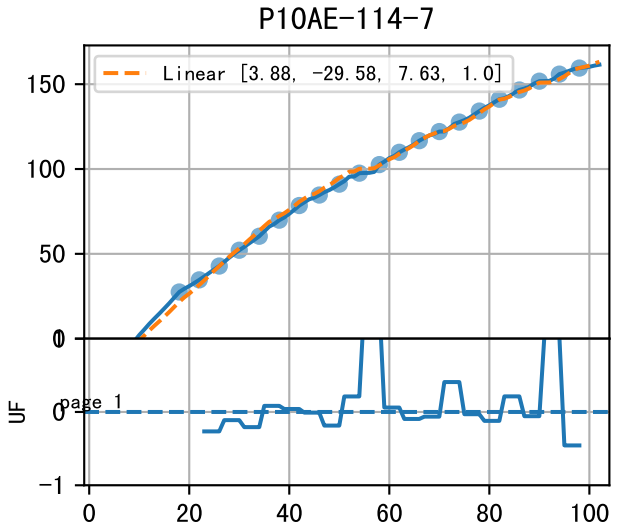

By Start Date
By Plant/Organ Age
P10AE
1.0
0.5
0.0
−0.5
−1.0
40
50
60
70
80
90
0
20
40
60
80
page 2

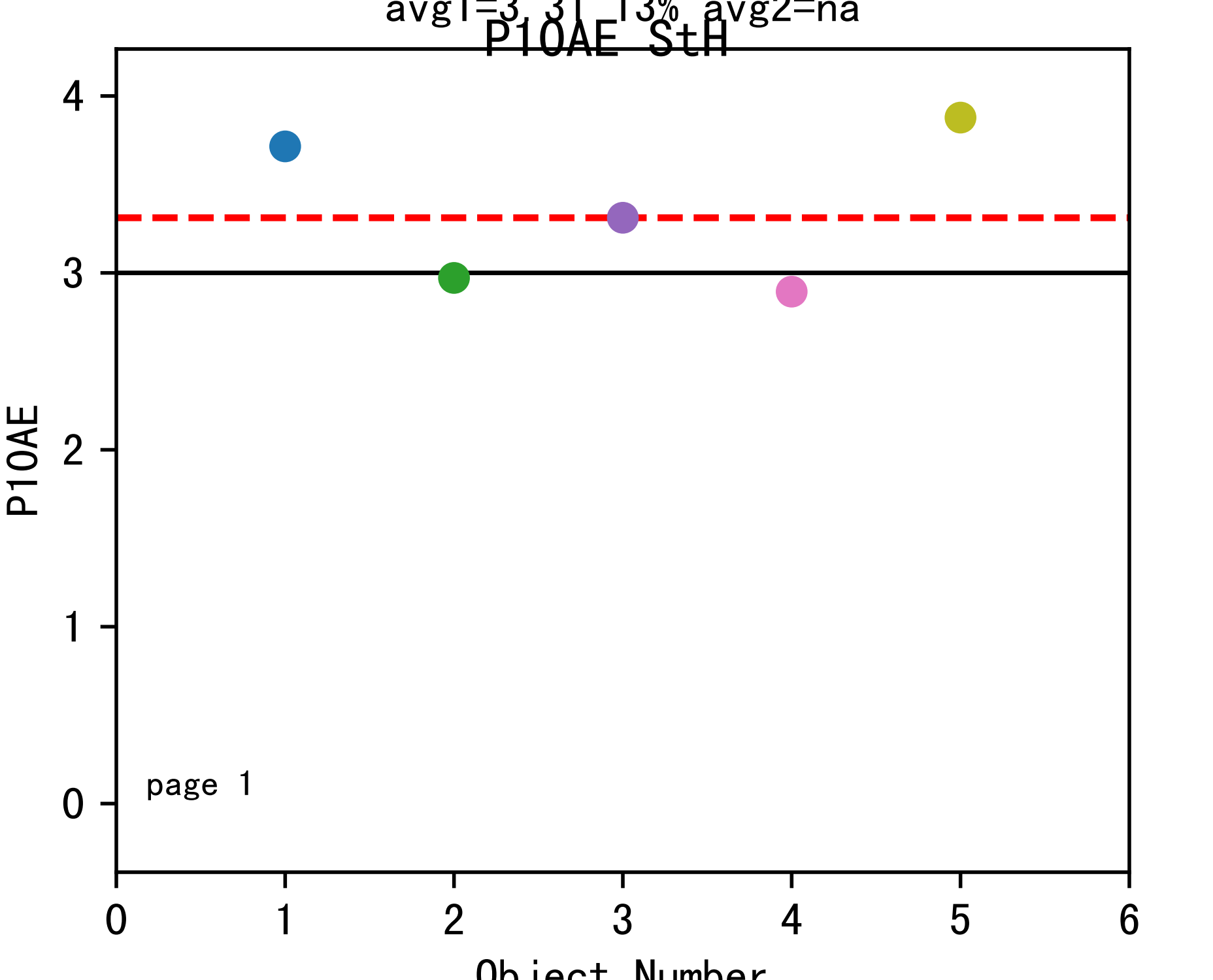

P10AE-081-12
Linear [3.72, -31.5, 8.48, 0.99]
UF


P10AE-087-27
Linear [2.97, -8.74, 2.94, 1.0]
UF

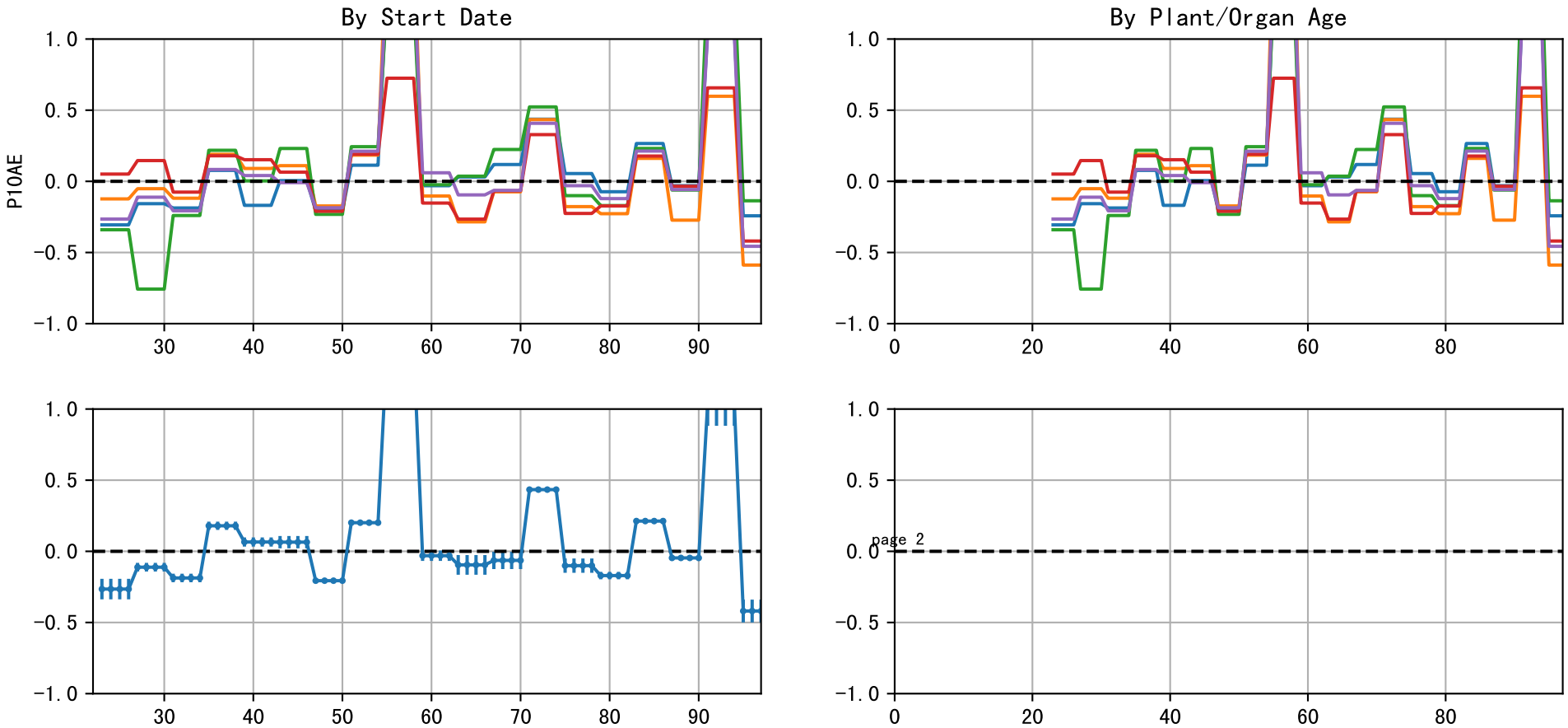

P10AE-095-20
Linear [3.31, -21.21, 6.4, 0.99]
UF

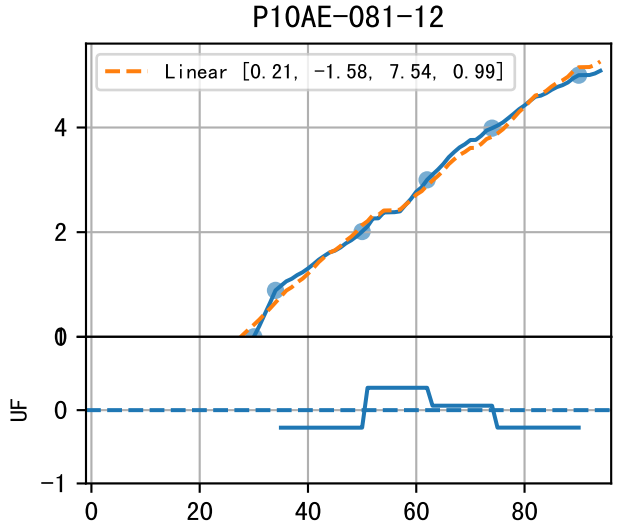

P10AE-103-32
Linear [2.89, -8.17, 2.82, 1.0]
UF

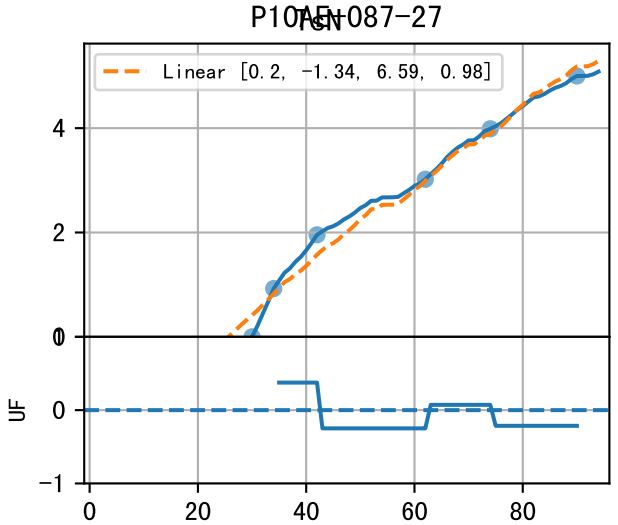

P10AE-114-7
Linear [3.88, -29.58, 7.63, 1.0]
UF

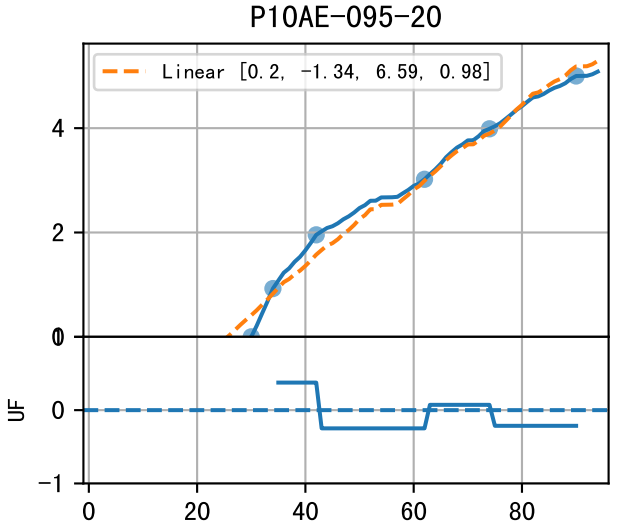

avg1=3.31 13% avg2=na
P10AE StH
P10AE
Object Number
page 1
0
1
2
3
4
5
6

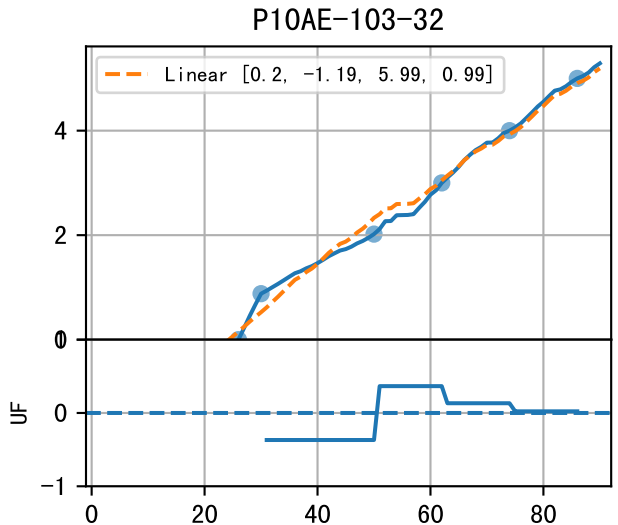
StH

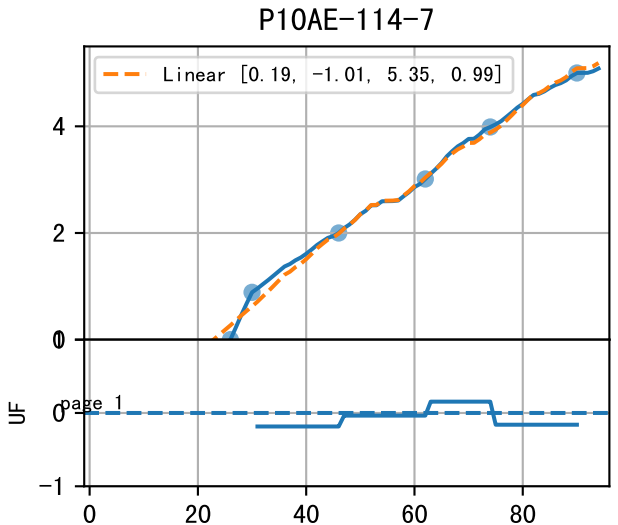

By Start Date
By Plant/Organ Age
P10AE
1.0
0.5
0.0
−0.5
−1.0
30
40
50
60
70
80
90
0
20
40
60
80
page 2

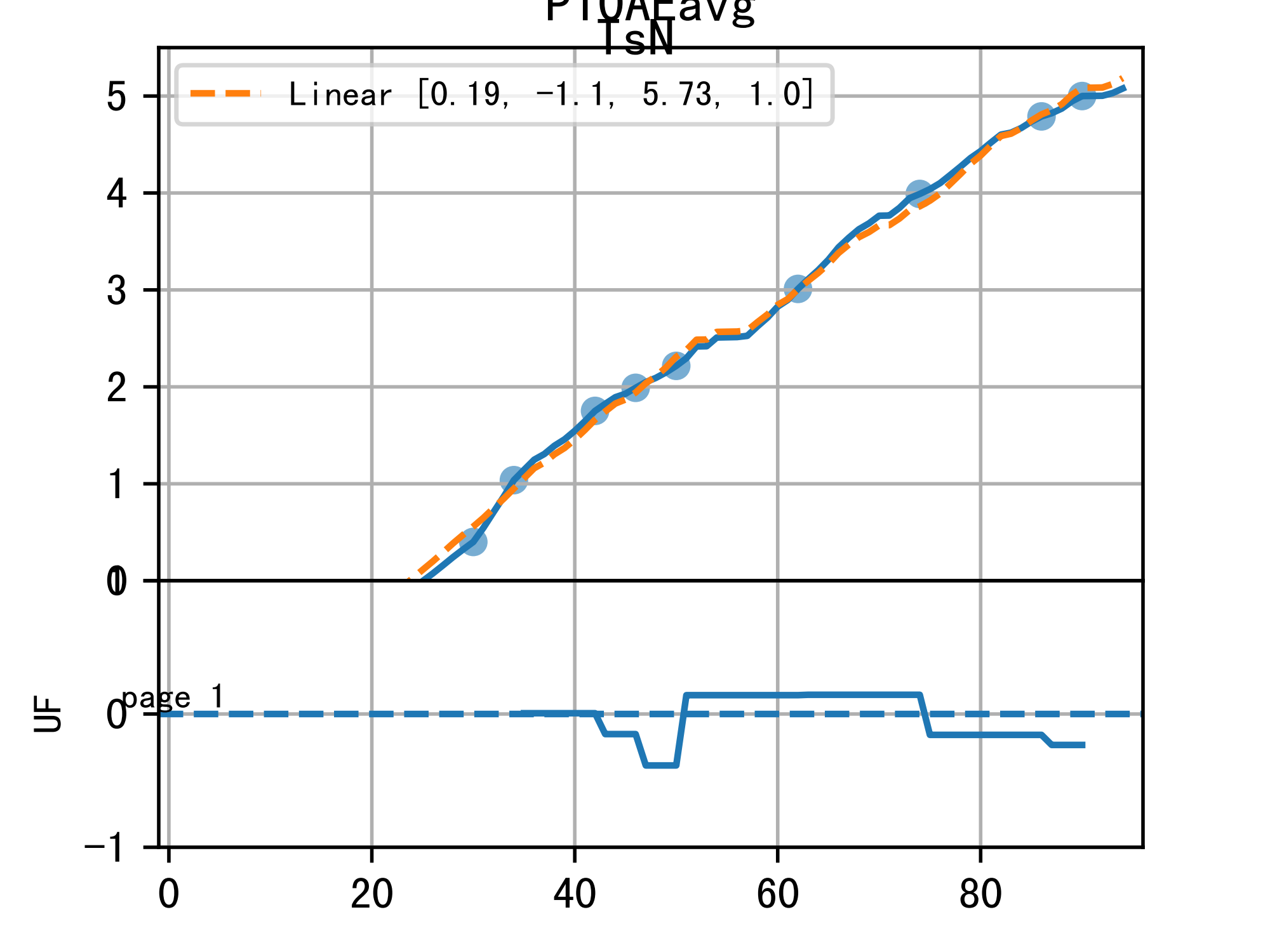

P10AE-081-12
Linear [0.21, -1.58, 7.54, 0.99]
UF
TSN

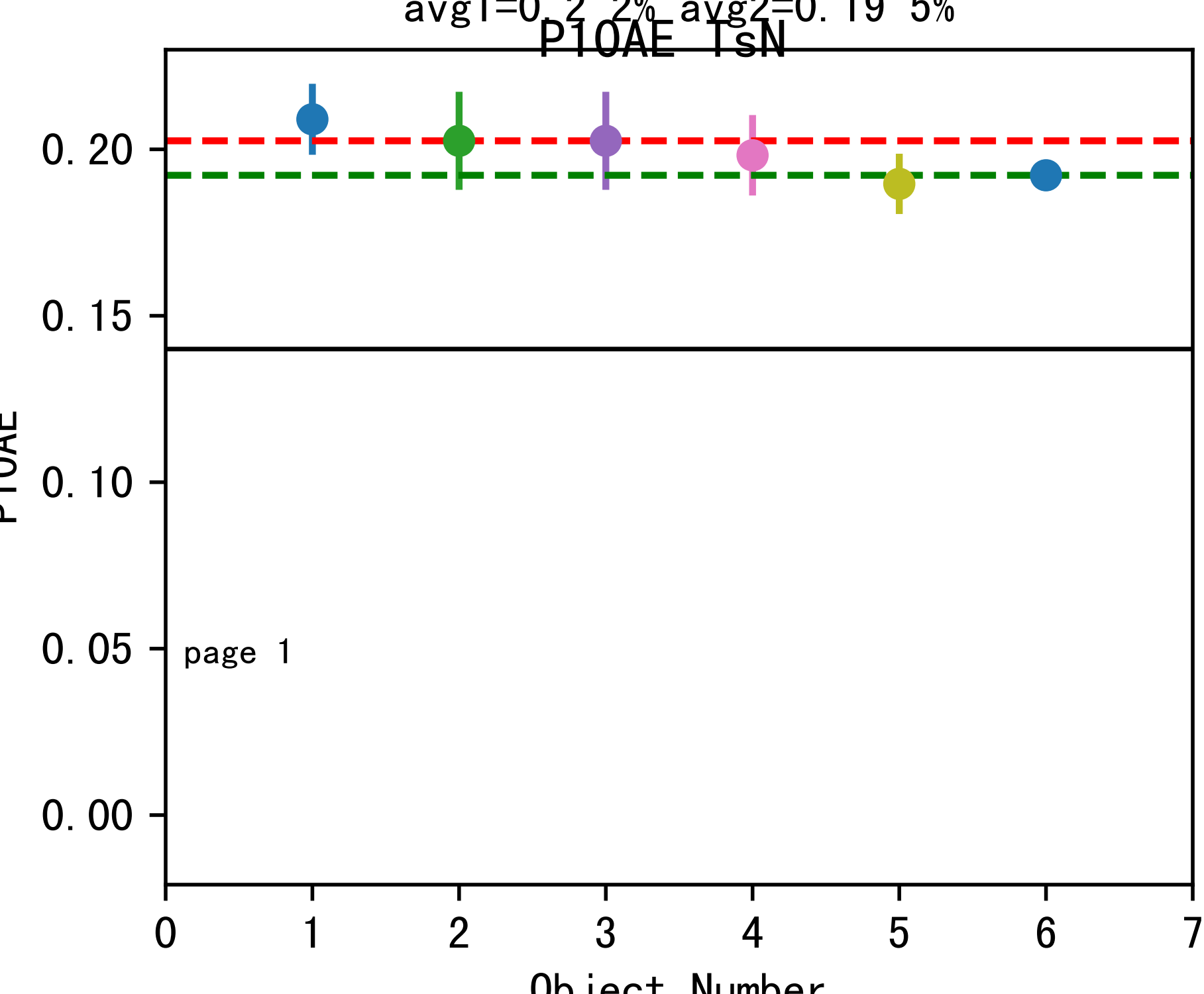

P10AE-087-27
Linear [0.2, -1.34, 6.59, 0.98]
UF
TSN


P10AE-095-20
Linear [0.2, -1.34, 6.59, 0.98]
UF
TSN

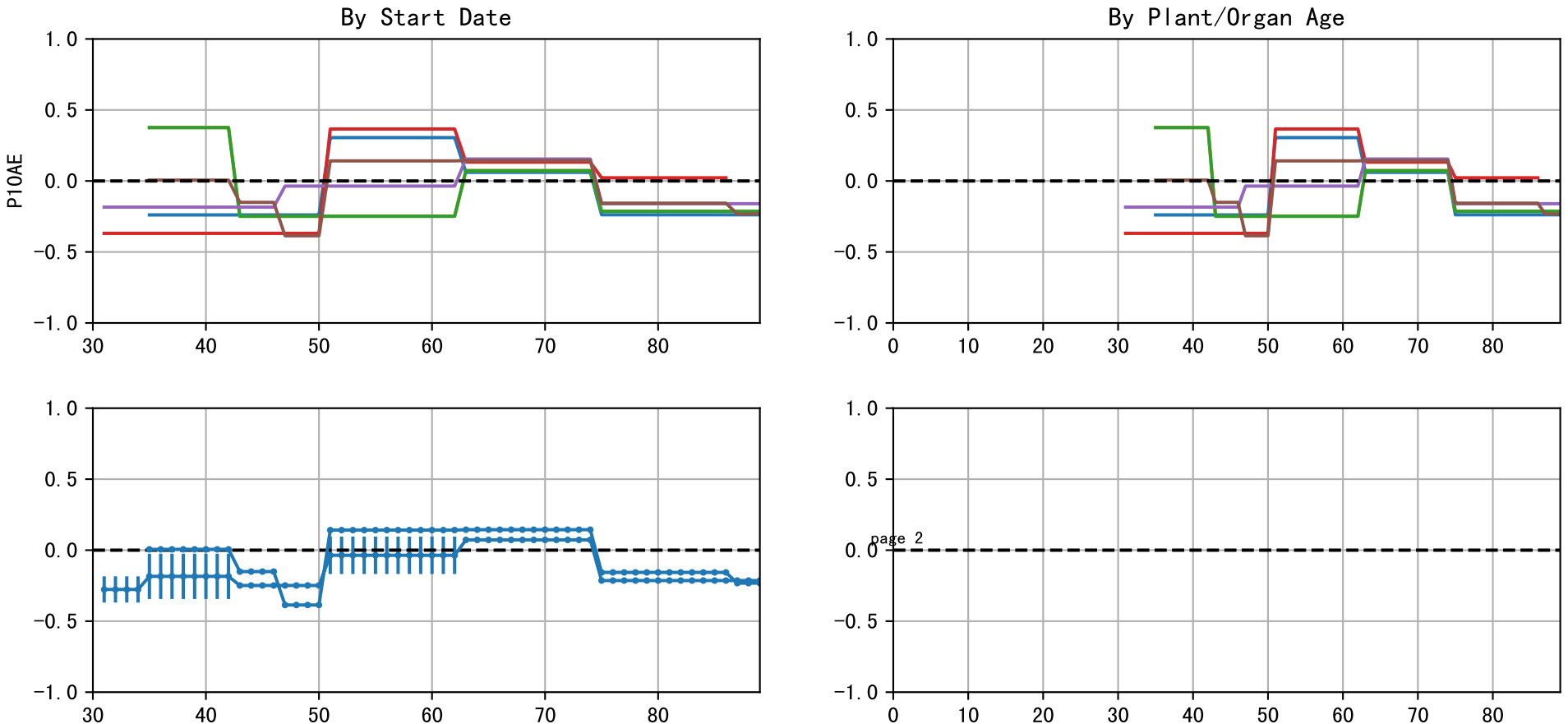

P10AE-103-32
Linear [0.2, -1.19, 5.99, 0.99]
UF
TSN

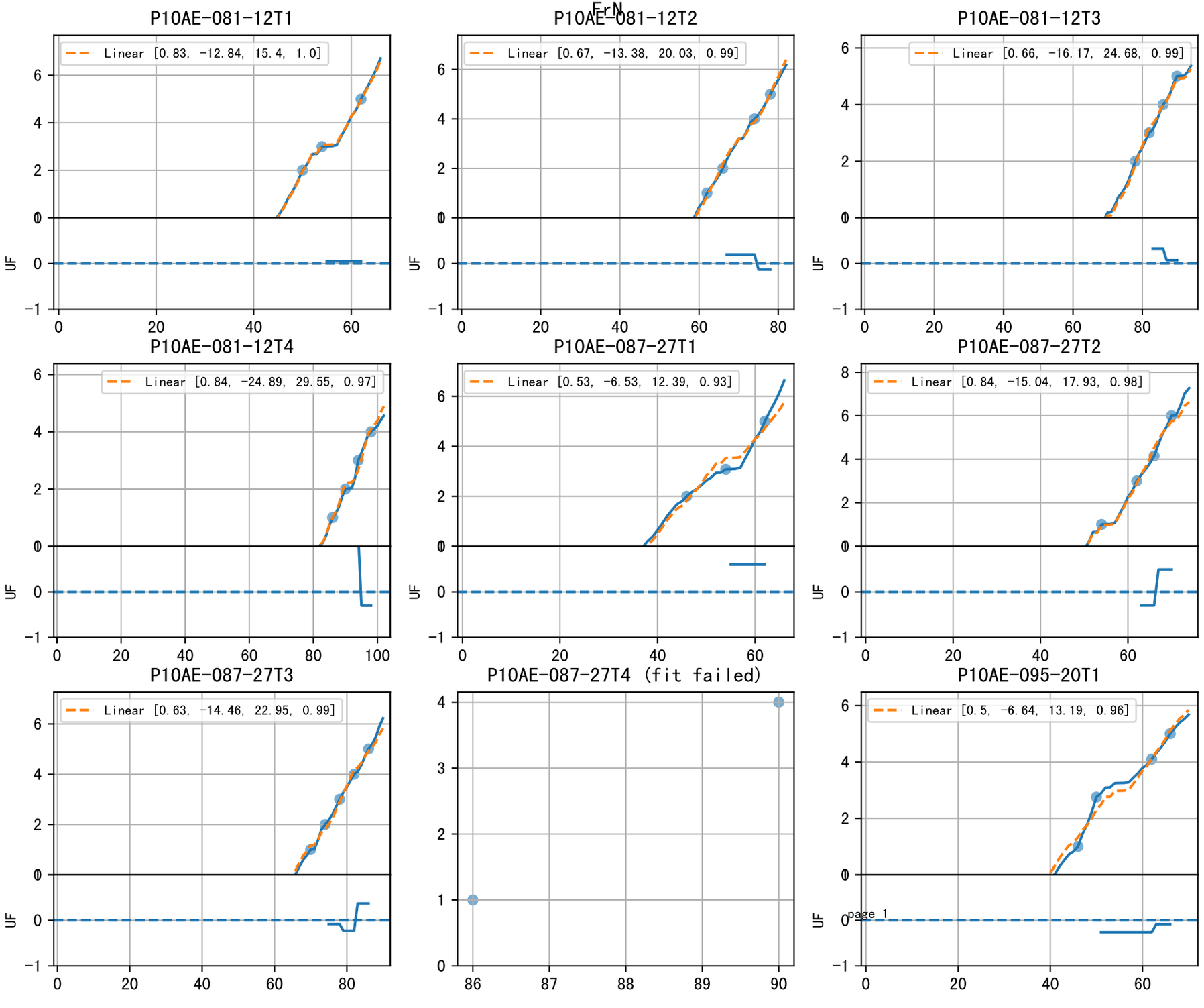

P10AE-114-7
Linear [0.19, -1.01, 5.35, 0.99]
UF
TSN


PTOAEavg
IsN
Linear [0.19, -1.1, 5.73, 1.0]
5
4
3
2
1
0
0
UF
page 1
0
-1
0
20
40
60
80

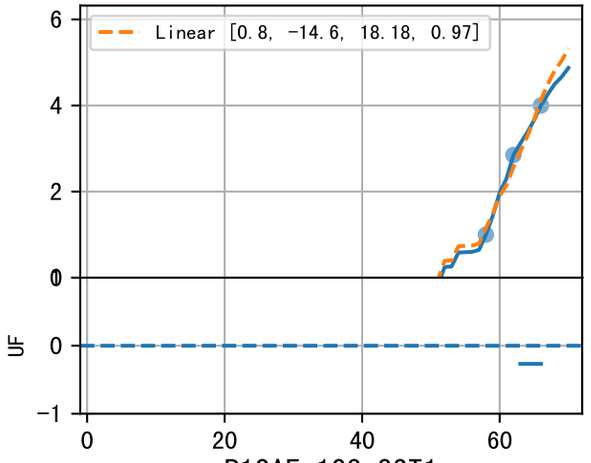

avg1=0.2 2% avg2=0.19 5%
P10AE TsN
0.20
0.15
0.10
0.05
0.00
P10AE
page 1
0
1
2
3
4
5
6
7
Object Number

TsN

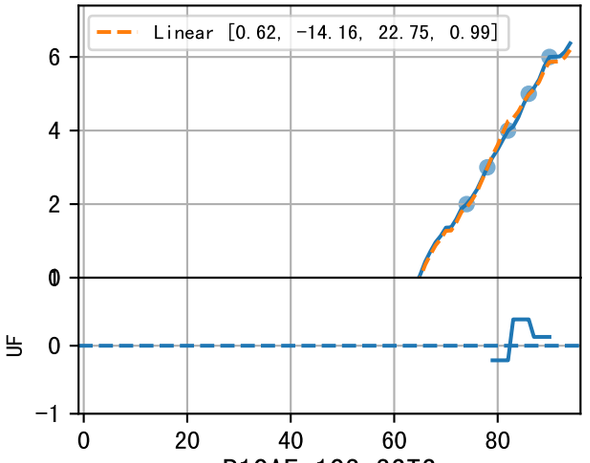

By Start Date
By Plant/Organ Age
P10AE
1.0
0.5
0.0
−0.5
−1.0
30
40
50
60
70
80
0
10
20
30
40
50
60
70
80
page 2


P10AE-081-12T1
Linear [0.83, -12.84, 15.4, 1.0]
P10AE-081-12T2
Linear [0.67, -13.38, 20.03, 0.99]
P10AE-081-12T3
Linear [0.66, -16.17, 24.68, 0.99]
P10AE-081-12T4
Linear [0.84, -24.89, 29.55, 0.97]
P10AE-087-27T1
Linear [0.53, -6.53, 12.39, 0.93]
P10AE-087-27T2
Linear [0.84, -15.04, 17.93, 0.98]
P10AE-087-27T3
Linear [0.63, -14.46, 22.95, 0.99]
P10AE-087-27T4 (fit failed)
P10AE-095-20T1
Linear [0.5, -6.64, 13.19, 0.96]
UF

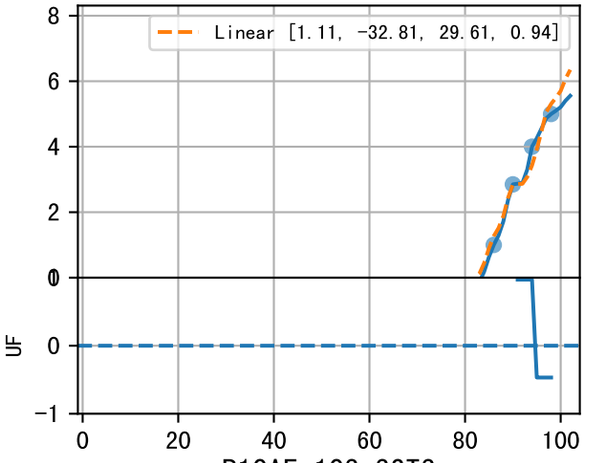
P10AE-095-20T2



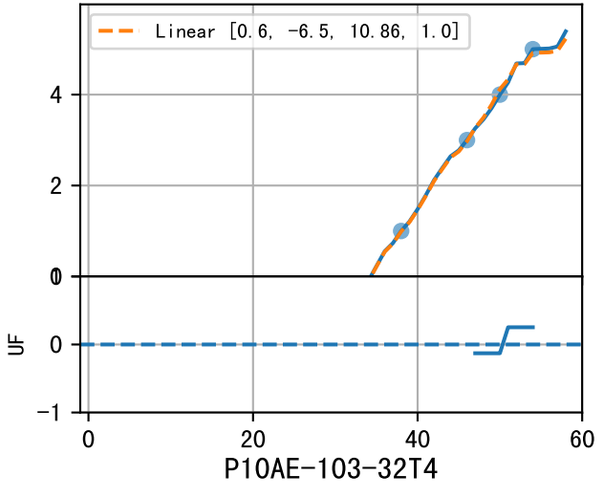
P10AE-095-20T3



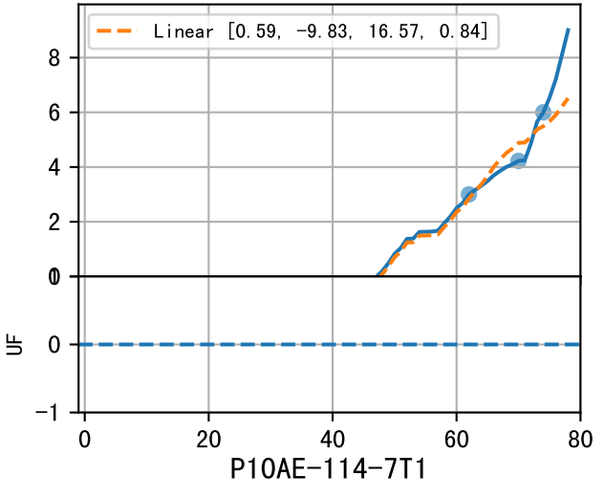
P10AE-095-20T4



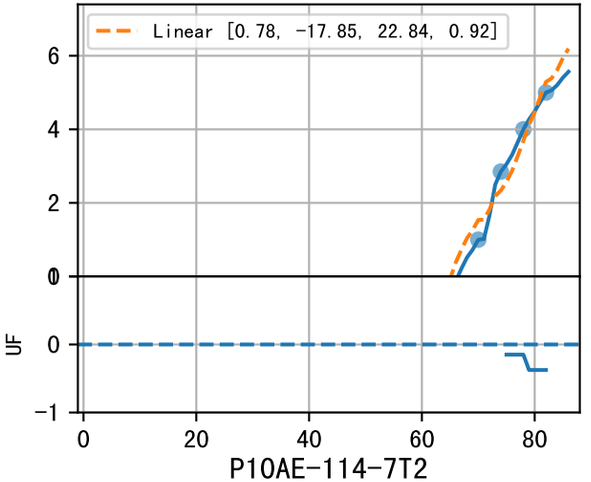
P10AE-103-32T1



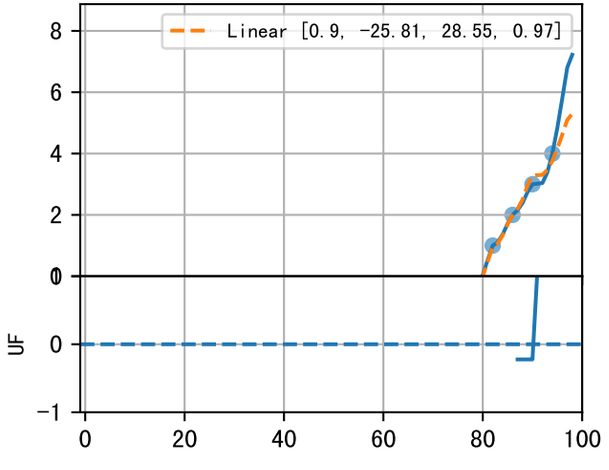
P10AE-103-32T2



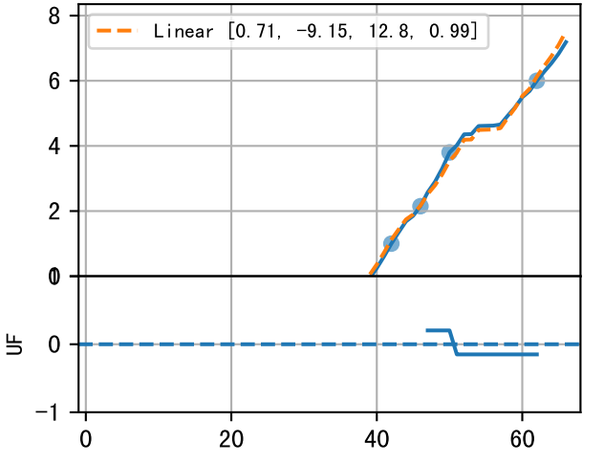
P10AE-103-32T3



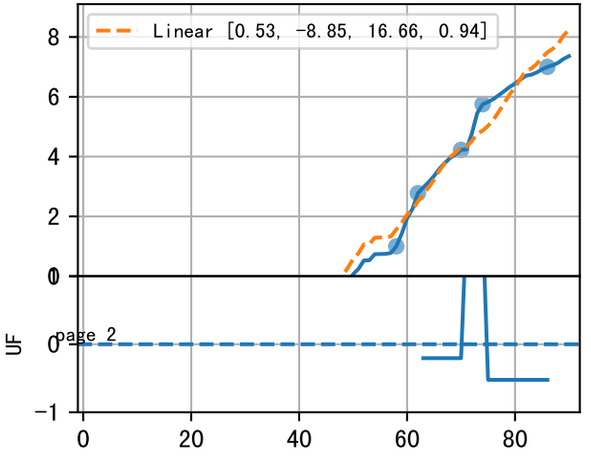
P10AE-103-32T4

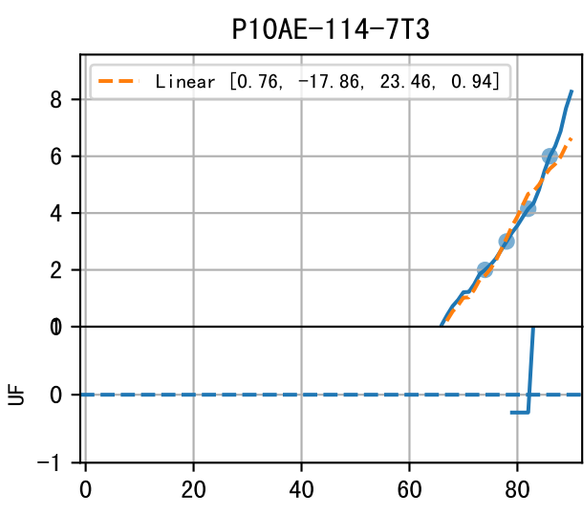


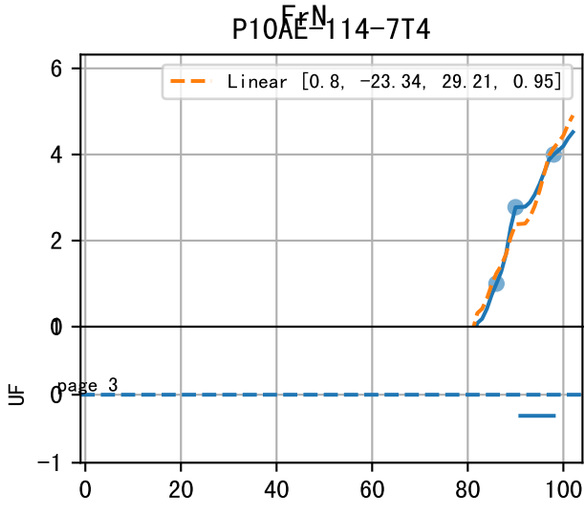
P10AE-114-7T1

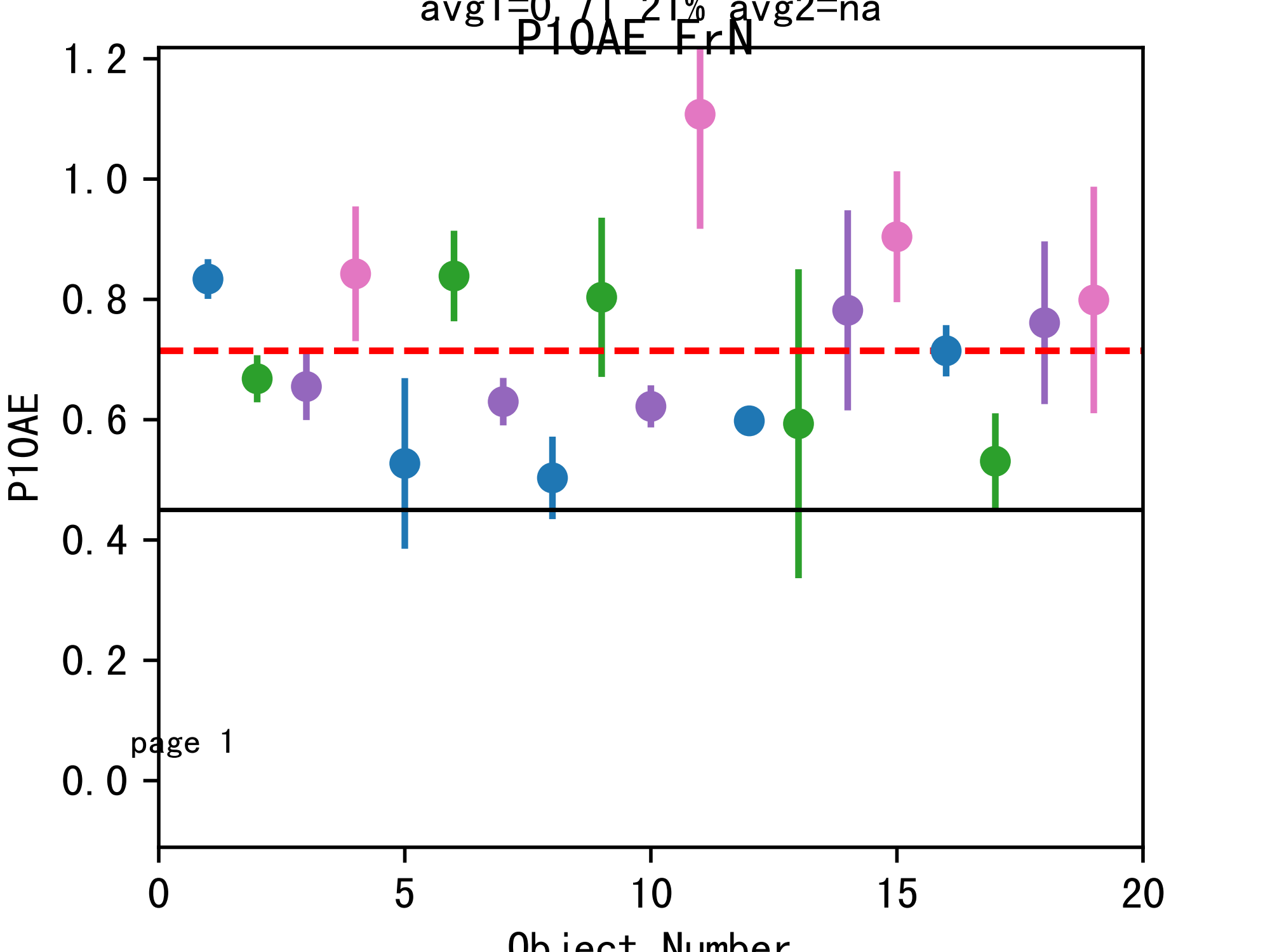


P10AE-114-7T2

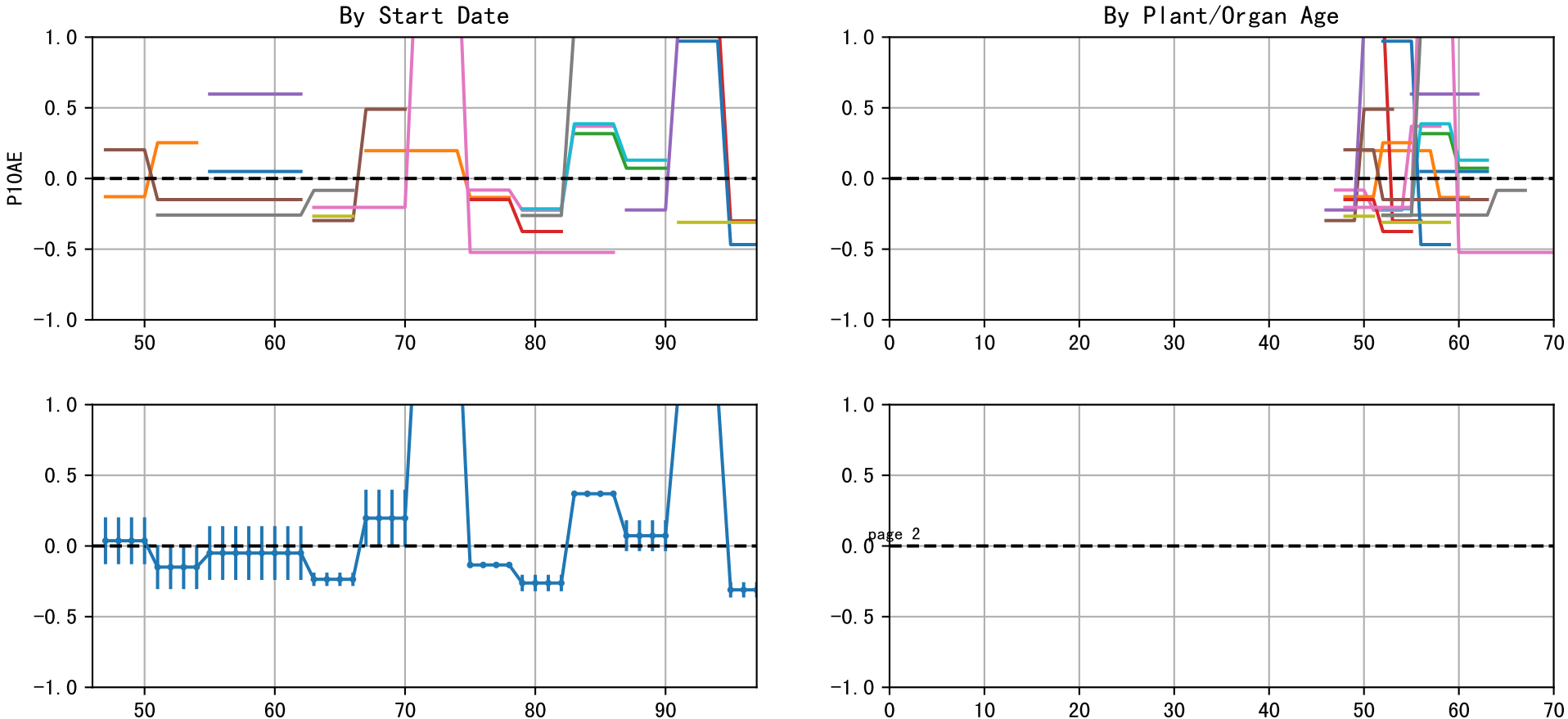


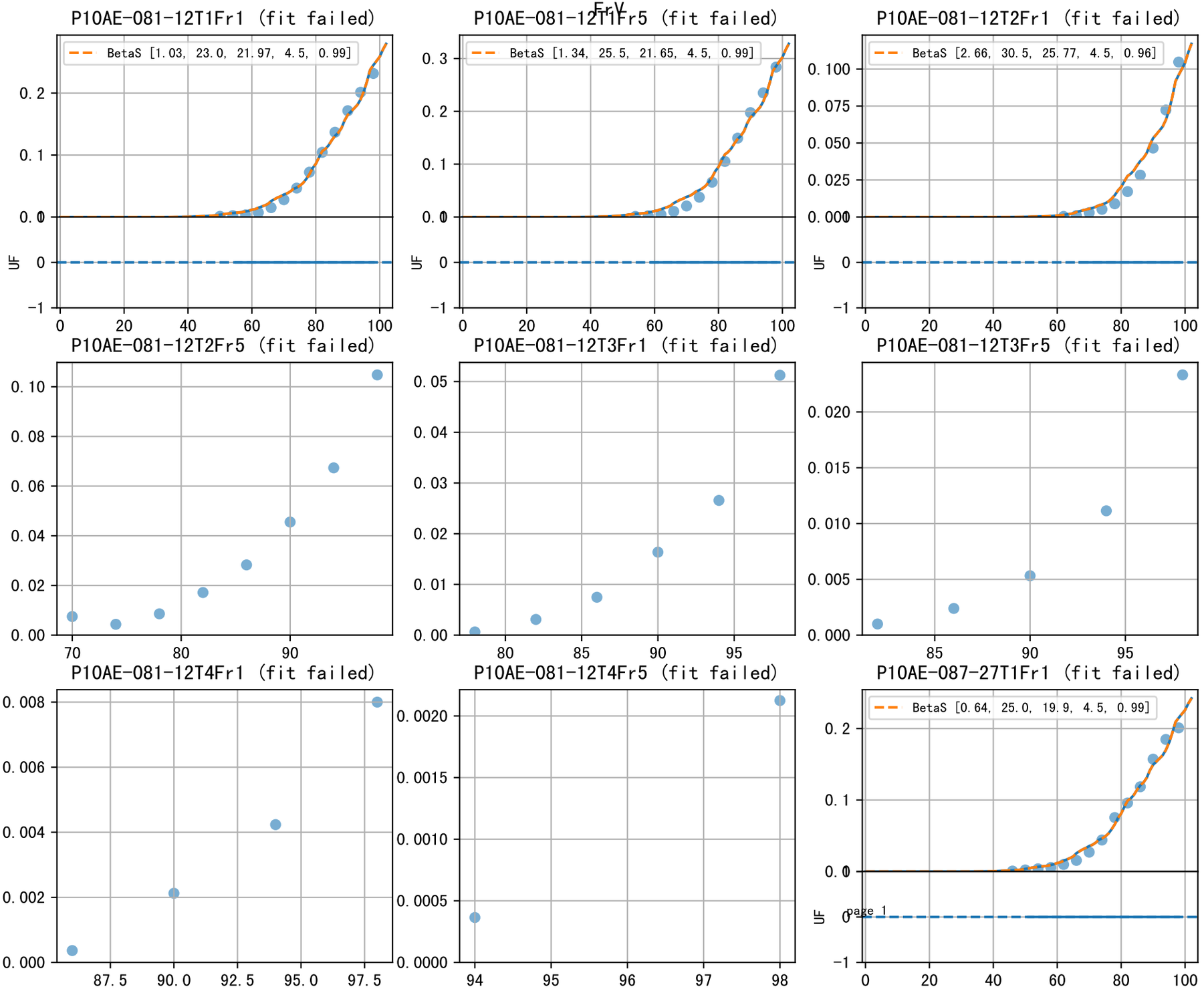

P10AE-114-7T3
Linear [0.76, -17.86, 23.46, 0.94]
UF
8
6
4
2
0
0
-1
0
20
40
60
80

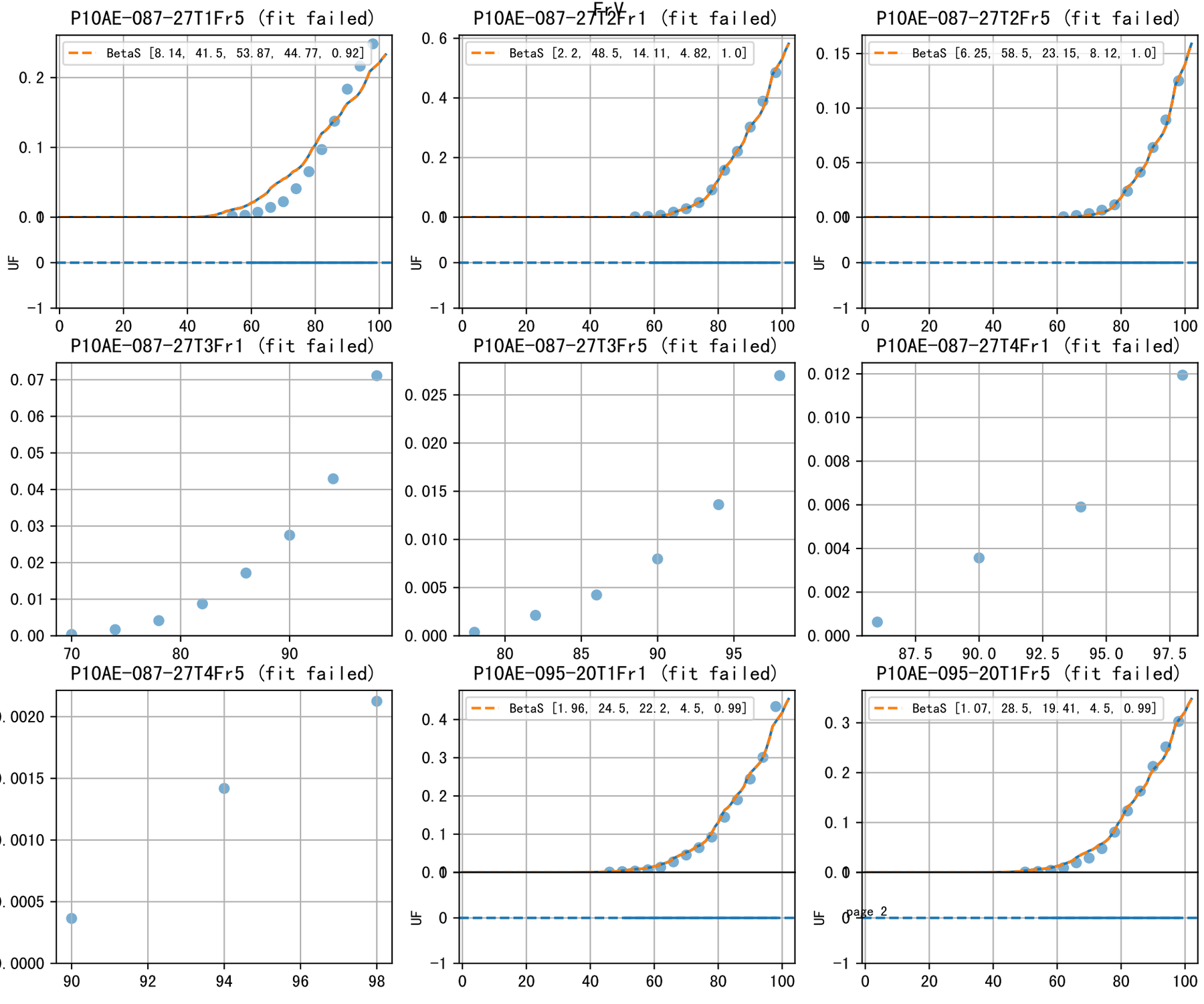

FrN
P10AE-114-7T4
Linear [0.8, -23.34, 29.21, 0.95]
UF
6
4
2
0
0
-1
0
20
40
60
80
100

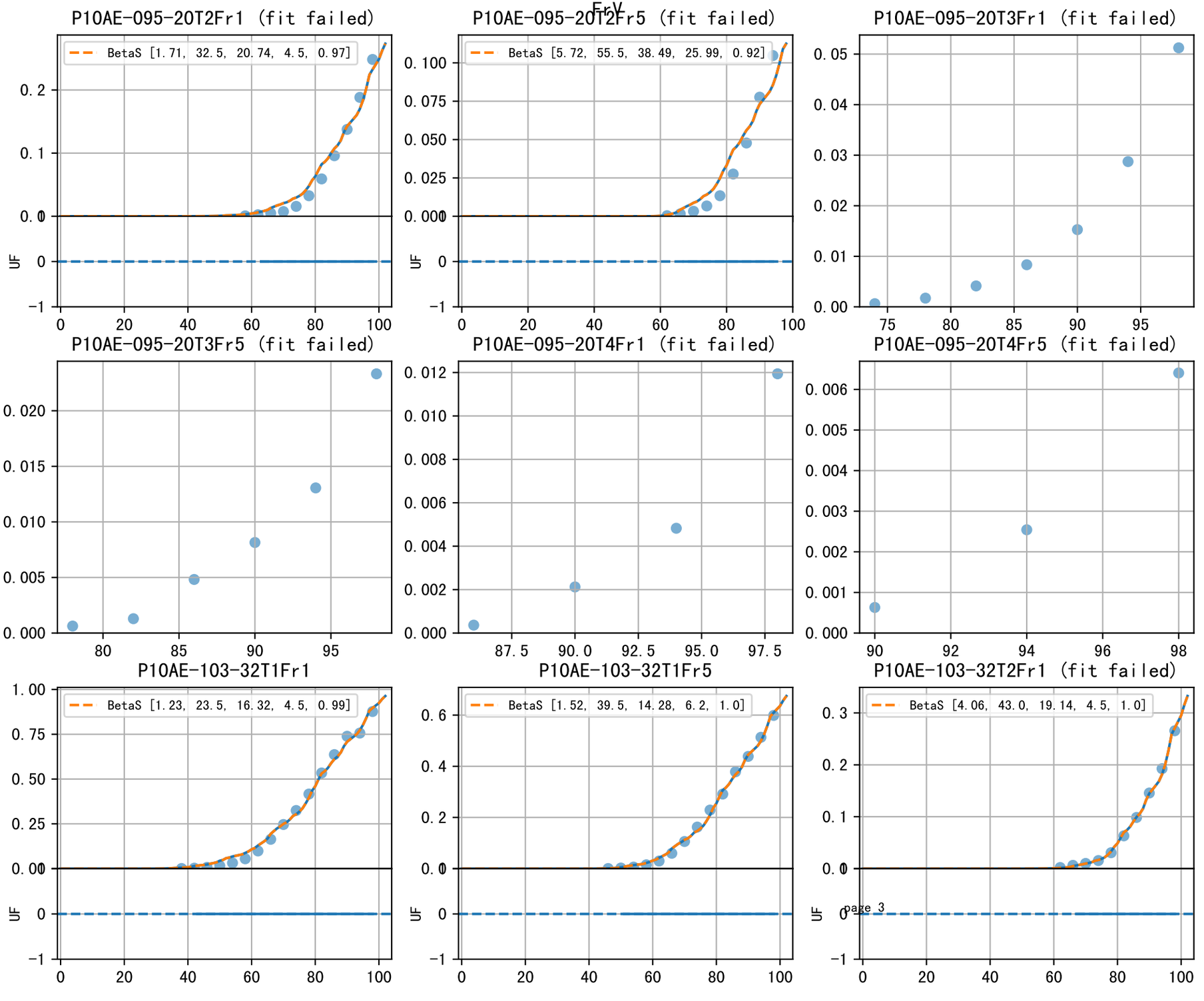

avg1=0.71 21% avg2=na
P10AE FrN
1.2
1.0
0.8
0.6
0.4
0.2
0.0
P10AE
page 1
0
5
10
15
20
Object Number

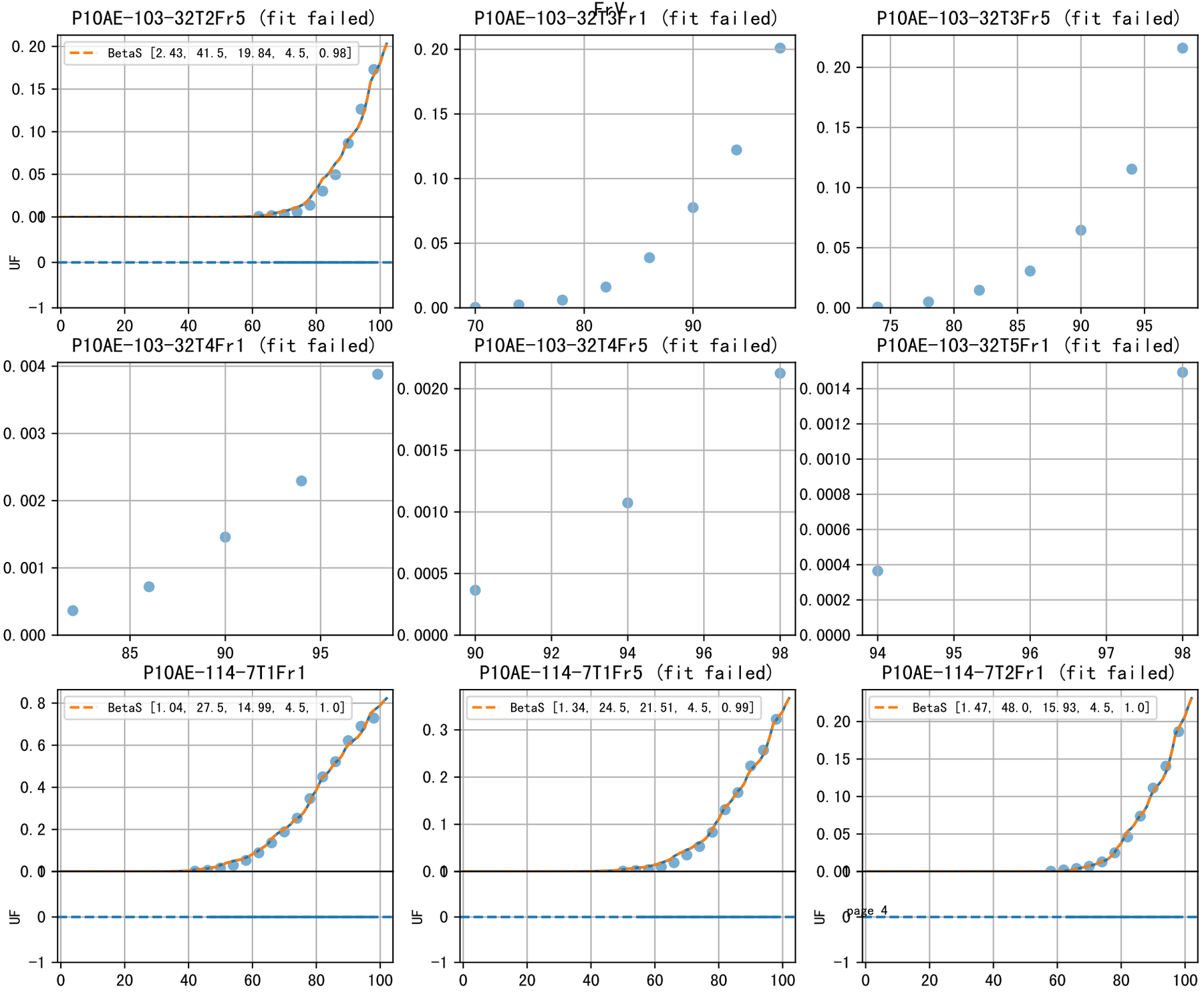
FrN

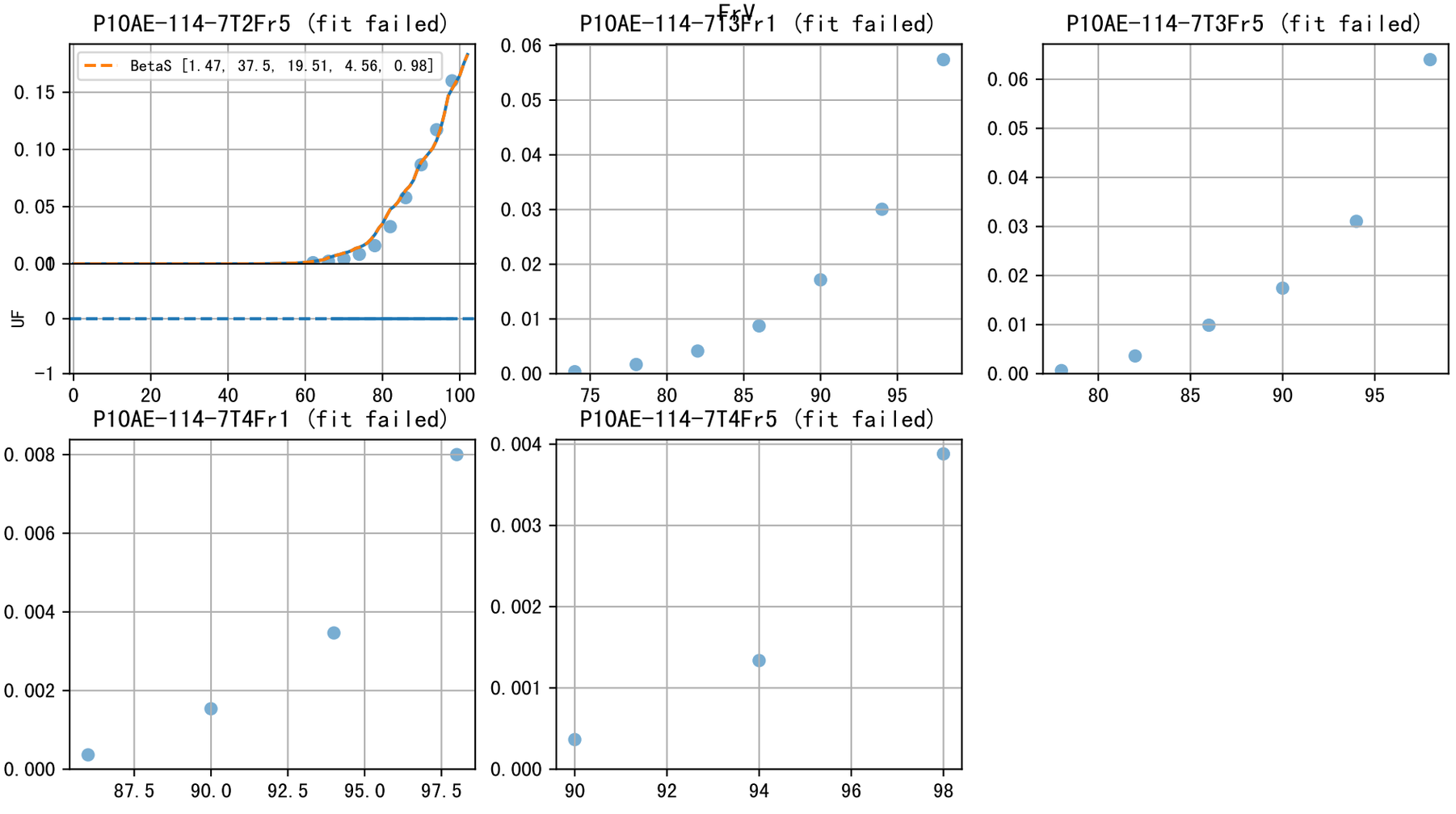

By Start Date
By Plant/Organ Age
P10AE
1.0
0.5
0.0
−0.5
−1.0
50
60
70
80
90
0
10
20
30
40
50
60
70
page 2


P10AE-081-12T1Fr1 (fit failed)
BetaS [1.03, 23.0, 21.97, 4.5, 0.99]
P10AE-081-12T1Fr5 (fit failed)
BetaS [1.34, 25.5, 21.65, 4.5, 0.99]
P10AE-081-12T2Fr1 (fit failed)
BetaS [2.66, 30.5, 25.77, 4.5, 0.96]
P10AE-081-12T2Fr5 (fit failed)
P10AE-081-12T3Fr1 (fit failed)
P10AE-081-12T3Fr5 (fit failed)
P10AE-081-12T4Fr1 (fit failed)
P10AE-081-12T4Fr5 (fit failed)
P10AE-087-27T1Fr1 (fit failed)
BetaS [0.64, 25.0, 19.9, 4.5, 0.99]
UF

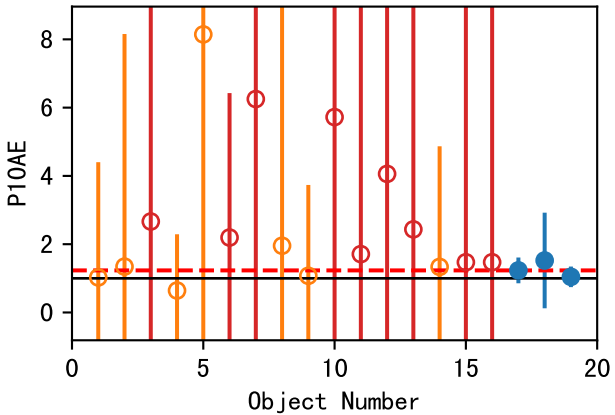

P10AE-087-27T1Fr5 (fit failed)
BetaS [8.14, 41.5, 53.87, 44.77, 0.92]
P10AE-087-27T2Fr1 (fit failed)
BetaS [2.2, 48.5, 14.11, 4.82, 1.0]
P10AE-087-27T2Fr5 (fit failed)
BetaS [6.25, 58.5, 23.15, 8.12, 1.0]
P10AE-087-27T3Fr1 (fit failed)
P10AE-087-27T3Fr5 (fit failed)
P10AE-087-27T4Fr1 (fit failed)
P10AE-087-27T4Fr5 (fit failed)
P10AE-095-20T1Fr1 (fit failed)
BetaS [1.96, 24.5, 22.2, 4.5, 0.99]
P10AE-095-20T1Fr5 (fit failed)
BetaS [1.07, 28.5, 19.41, 4.5, 0.99]
UF


P10AE-095-20T2Fr1 (fit failed)
BetaS [1.71, 32.5, 20.74, 4.5, 0.97]
P10AE-095-20T2Fr5 (fit failed)
BetaS [5.72, 55.5, 38.49, 25.99, 0.92]
P10AE-095-20T3Fr1 (fit failed)
P10AE-095-20T3Fr5 (fit failed)
P10AE-095-20T4Fr1 (fit failed)
P10AE-095-20T4Fr5 (fit failed)
P10AE-103-32T1Fr1
BetaS [1.23, 23.5, 16.32, 4.5, 0.99]
P10AE-103-32T1Fr5
BetaS [1.52, 39.5, 14.28, 6.2, 1.0]
P10AE-103-32T2Fr1 (fit failed)
BetaS [4.06, 43.0, 19.14, 4.5, 1.0]
UF

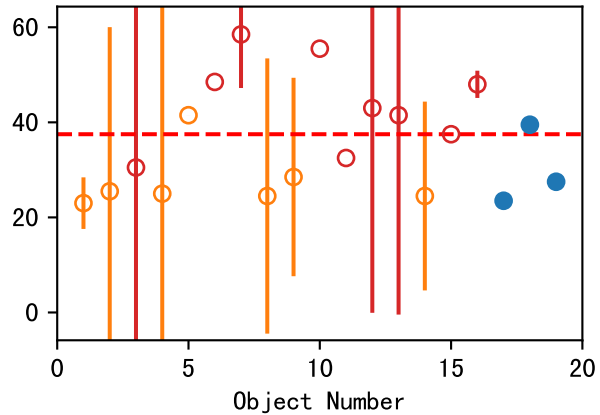

P10AE-103-32T2Fr5 (fit failed)
BetaS [2.43, 41.5, 19.84, 4.5, 0.98]
P10AE-103-32T3Fr1 (fit failed)
P10AE-103-32T3Fr5 (fit failed)
P10AE-103-32T4Fr1 (fit failed)
P10AE-103-32T4Fr5 (fit failed)
P10AE-103-32T5Fr1 (fit failed)
P10AE-114-7T1Fr1
BetaS [1.04, 27.5, 14.99, 4.5, 1.0]
P10AE-114-7T1Fr5 (fit failed)
BetaS [1.34, 24.5, 21.51, 4.5, 0.99]
P10AE-114-7T2Fr1 (fit failed)
BetaS [1.47, 48.0, 15.93, 4.5, 1.0]
UF


FrV
P10AE-114-7T2Fr5 (fit failed)
BetaS [1.47, 37.5, 19.51, 4.56, 0.98]
UF
P10AE-114-7T3Fr1 (fit failed)
P10AE-114-7T3Fr5 (fit failed)
P10AE-114-7T4Fr1 (fit failed)
P10AE-114-7T4Fr5 (fit failed)

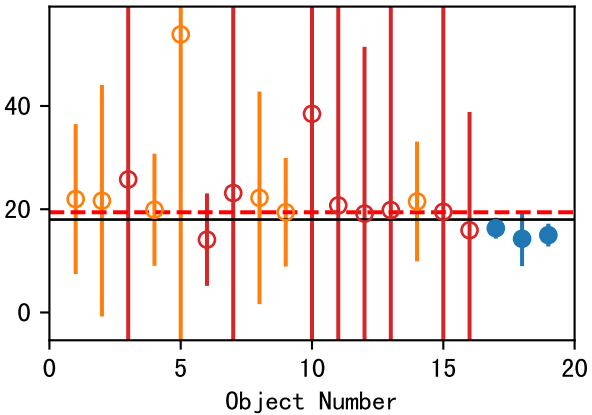
Ymax (Def=1 Set=na)
avg1=1.23~20% avg2=na



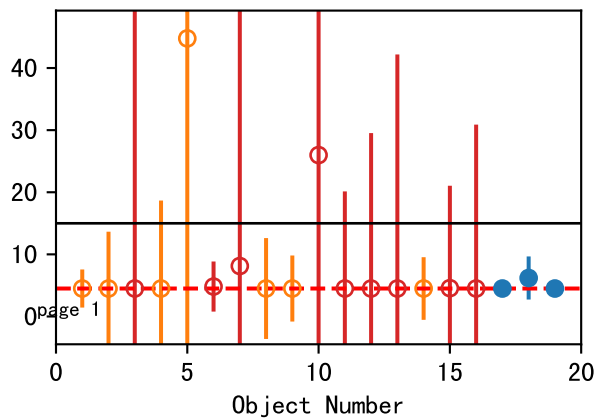
tb (Def=na Set=na)
avg1=13.5~33% avg2=na

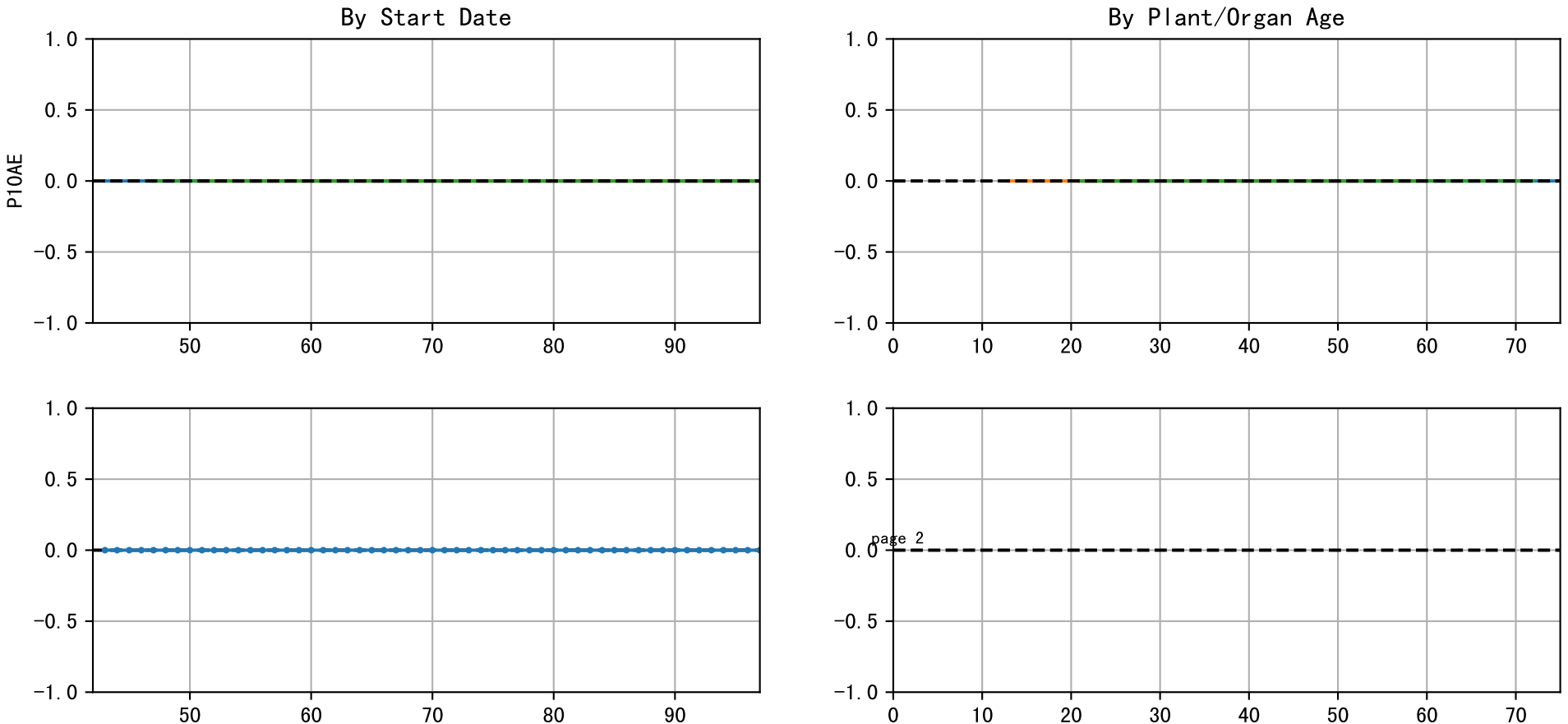


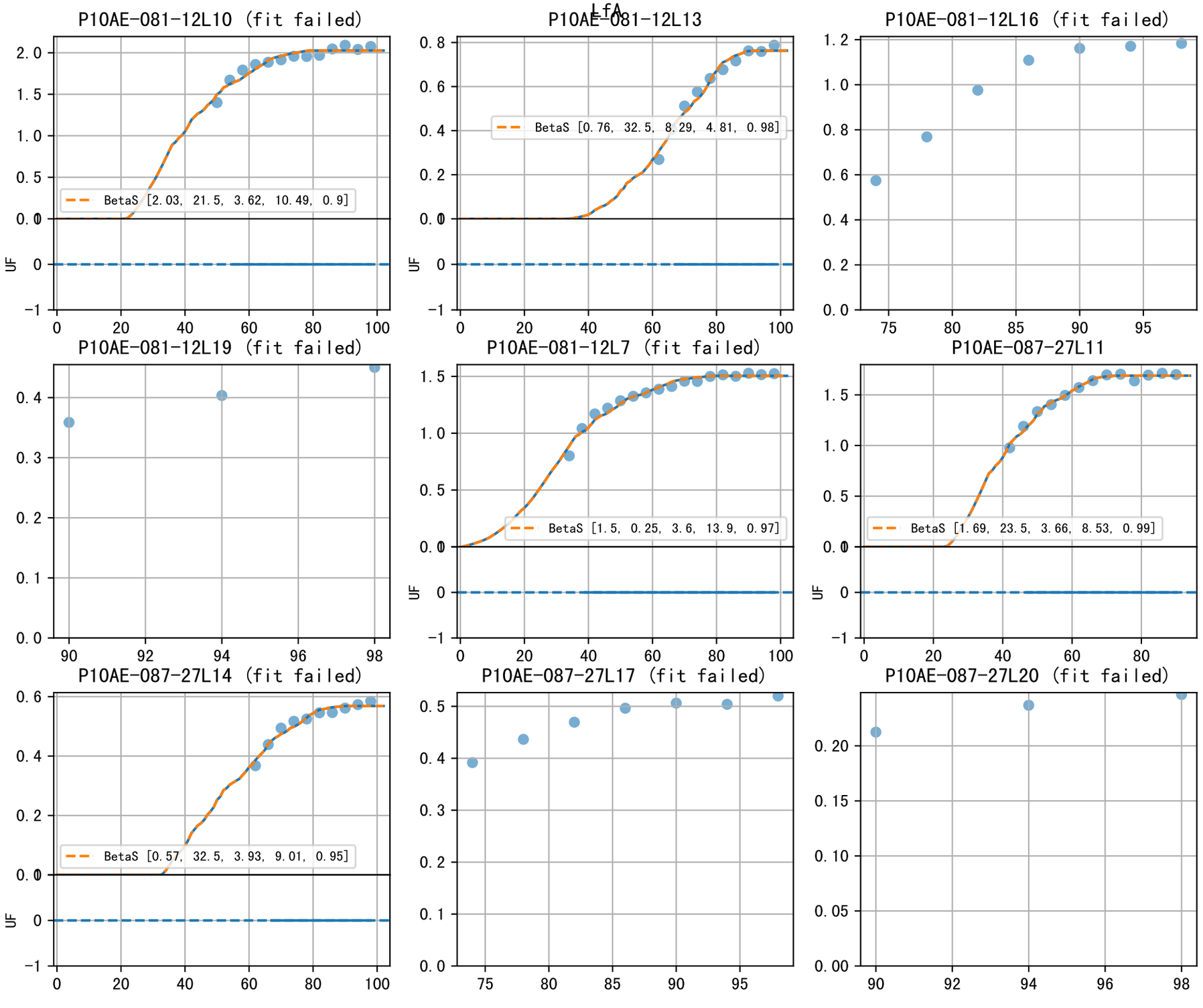
dm (Def=18 Set=19.41)
avg1=19.41~17% avg2=na

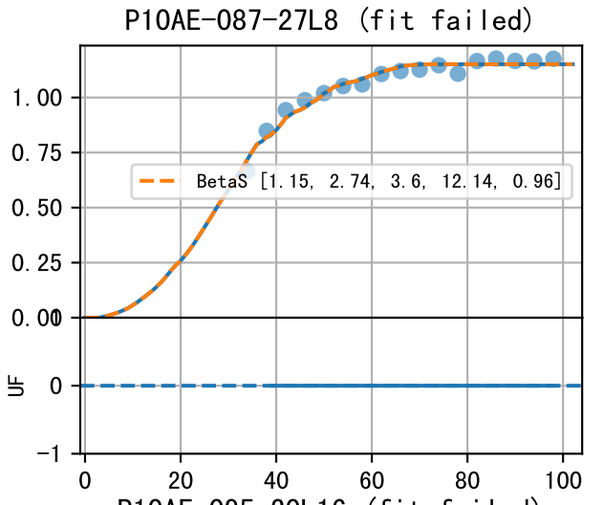


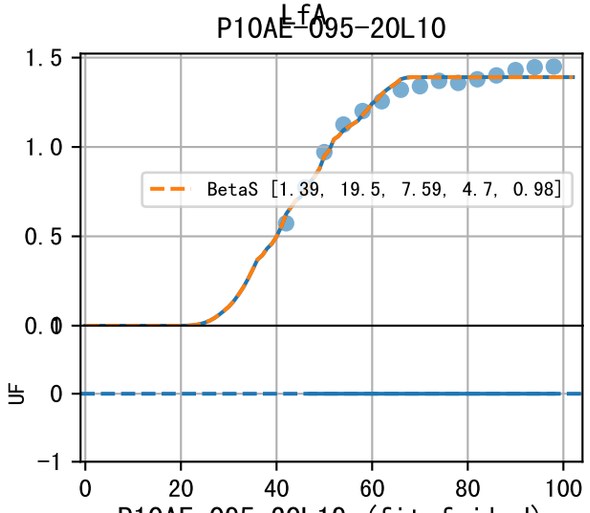
de (Def=15 Set=15)
avg1=4.5~4% avg2=na

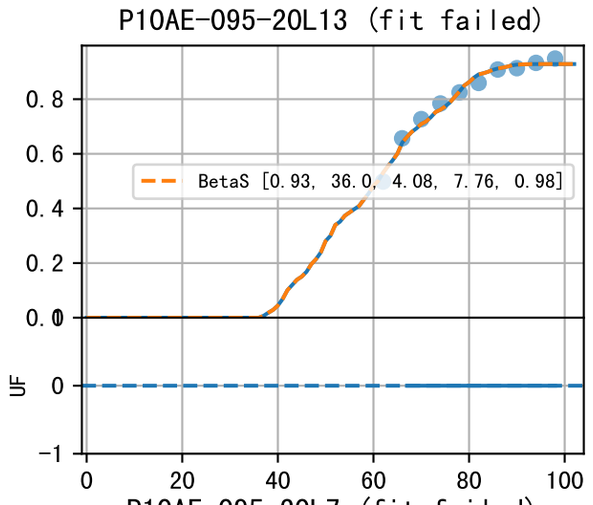


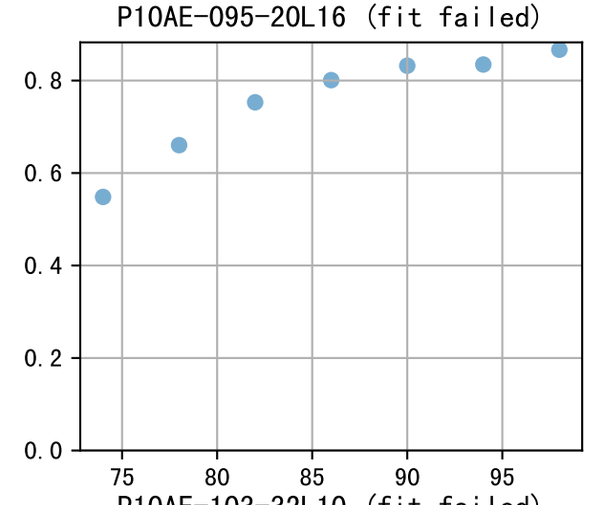

By Start Date
By Plant/Organ Age
P10AE
1.0
0.5
0.0
−0.5
−1.0
50
60
70
80
90
0
10
20
30
40
50
60
70
page 2

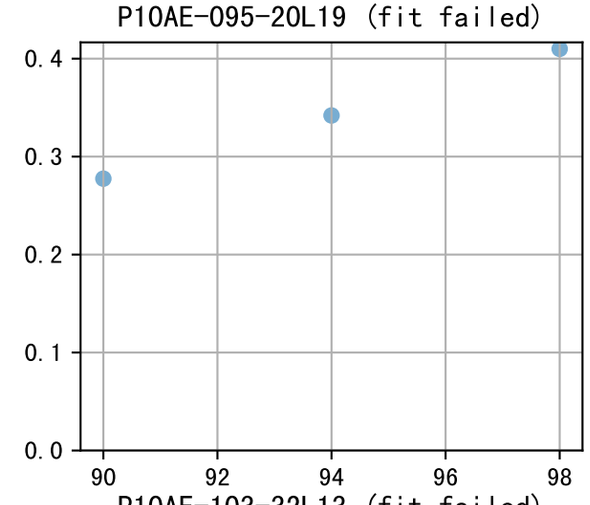

LfA
P10AE-081-12L10 (fit failed)
BetaS [2.03, 21.5, 3.62, 10.49, 0.9]
P10AE-081-12L13
BetaS [0.76, 32.5, 8.29, 4.81, 0.98]
P10AE-081-12L16 (fit failed)
P10AE-081-12L19 (fit failed)
P10AE-081-12L7 (fit failed)
BetaS [1.5, 0.25, 3.6, 13.9, 0.97]
P10AE-087-27L11
BetaS [1.69, 23.5, 3.66, 8.53, 0.99]
P10AE-087-27L14 (fit failed)
BetaS [0.57, 32.5, 3.93, 9.01, 0.95]
P10AE-087-27L17 (fit failed)
P10AE-087-27L20 (fit failed)
UF

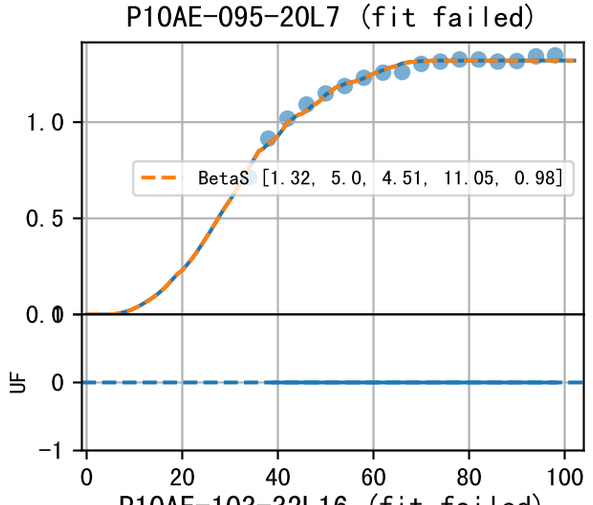

P10AE-087-27L8 (fit failed)
BetaS [1.15, 2.74, 3.6, 12.14, 0.96]
UF

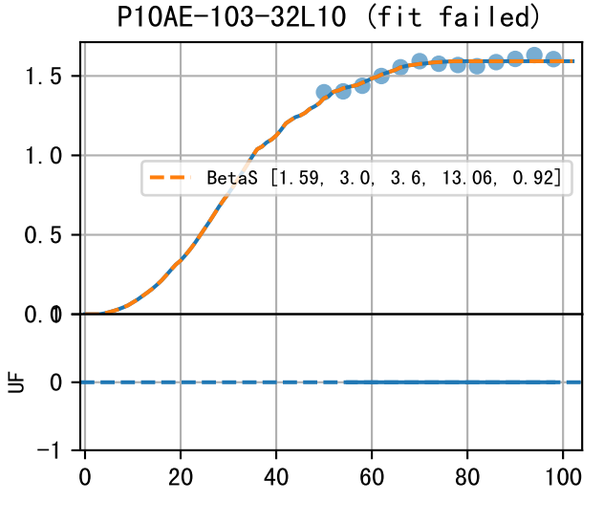

P10AE-095-20L10
BetaS [1.39, 19.5, 7.59, 4.7, 0.98]
UF

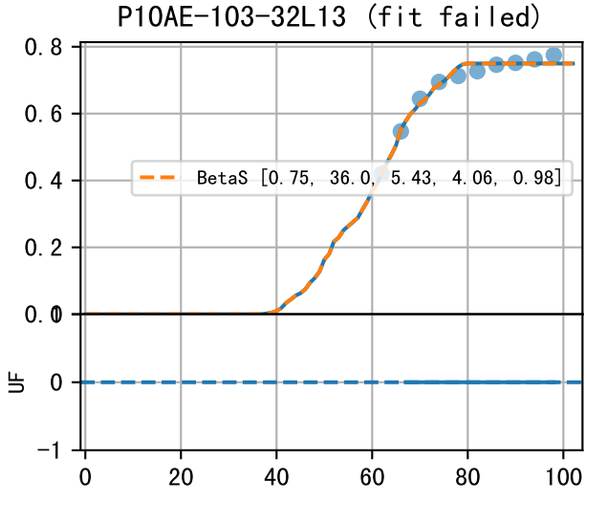

P10AE-095-20L13 (fit failed)
BetaS [0.93, 36.0, 4.08, 7.76, 0.98]
UF

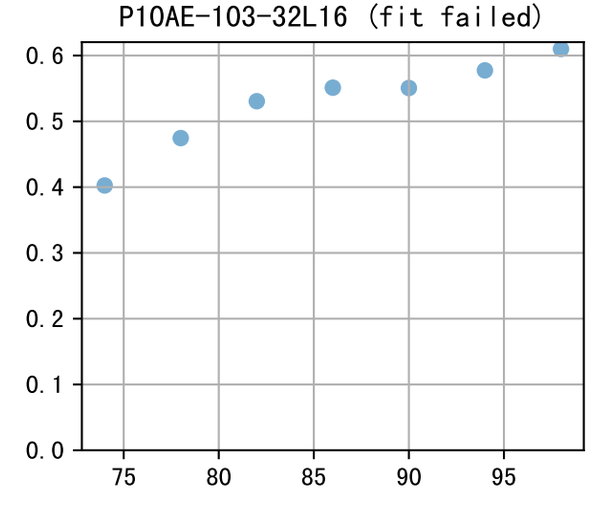

P10AE-095-20L16 (fit failed)


P10AE-095-20L19 (fit failed)

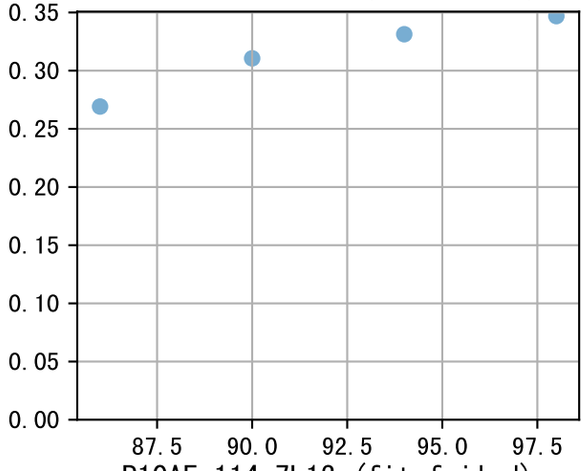

P10AE-095-20L7 (fit failed)
BetaS [1.32, 5.0, 4.51, 11.05, 0.98]
UF


P10AE-103-32L10 (fit failed)
BetaS [1.59, 3.0, 3.6, 13.06, 0.92]
UF

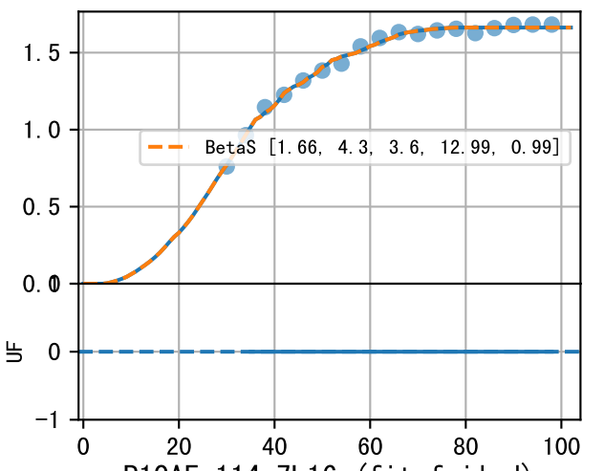

P10AE-103-32L13 (fit failed)
BetaS [0.75, 36.0, 5.43, 4.06, 0.98]
UF


P10AE-103-32L16 (fit failed)

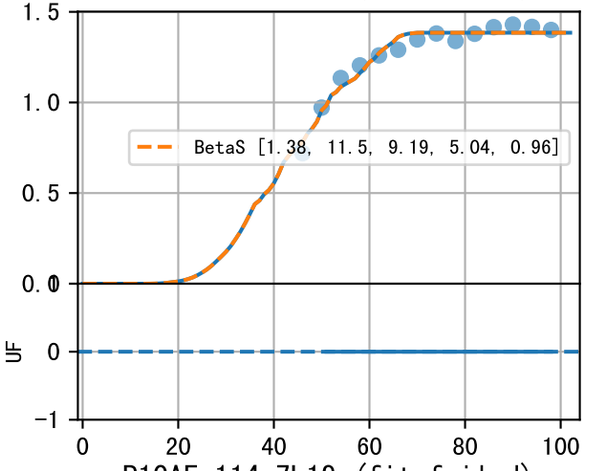
P10AE-103-32L19 (fit failed)



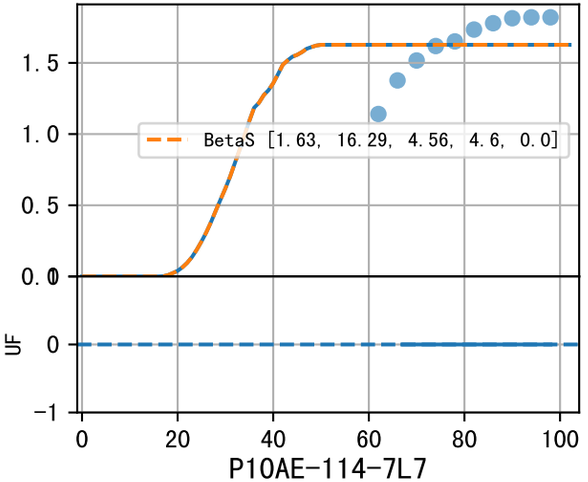
P10AE-103-32L7



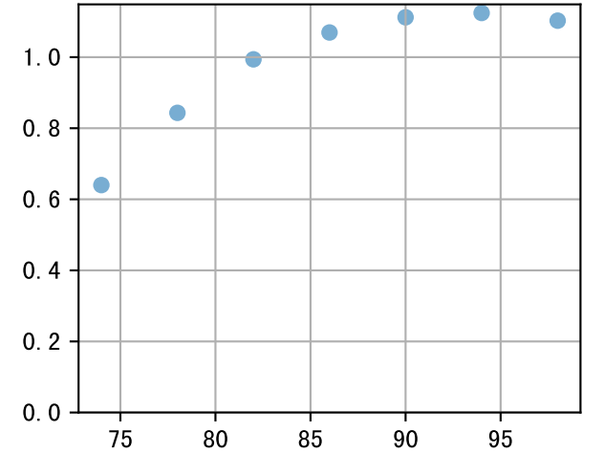
P10AE-114-7L10 (fit failed)



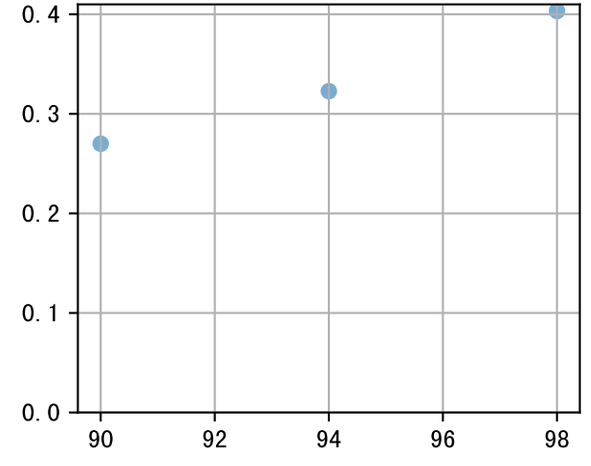
P10AE-114-7L13 (fit failed)



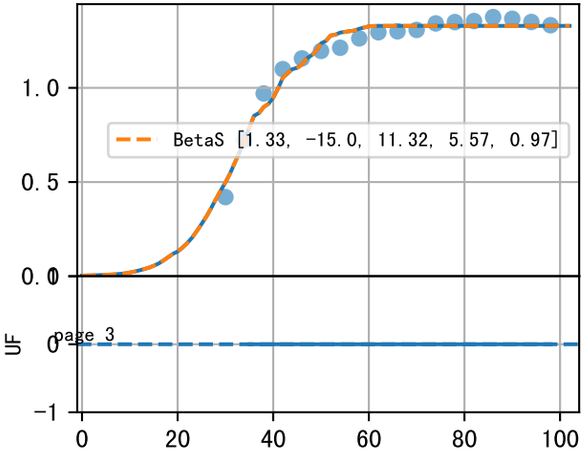
P10AE-114-7L16 (fit failed)

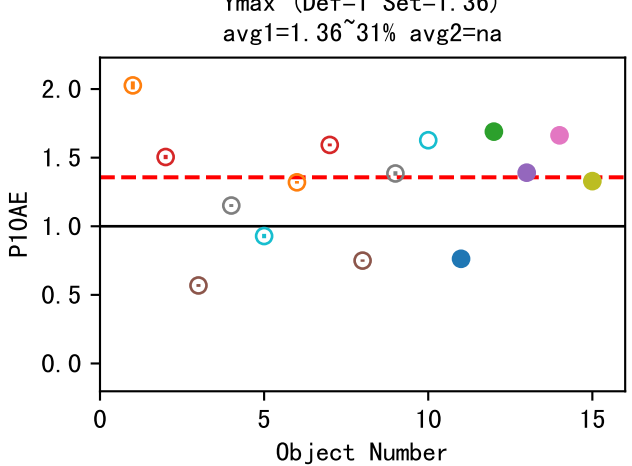


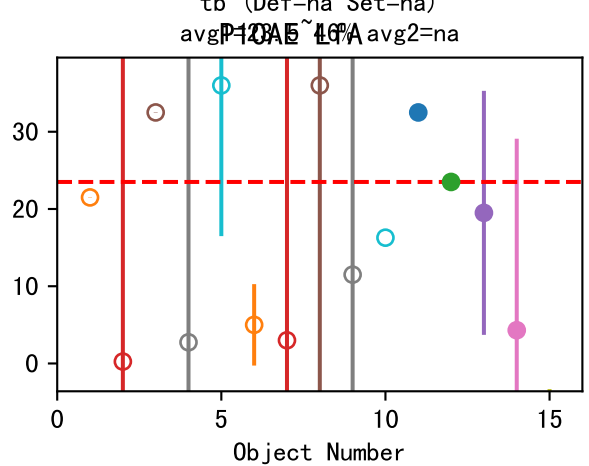
P10AE-114-7L19 (fit failed)

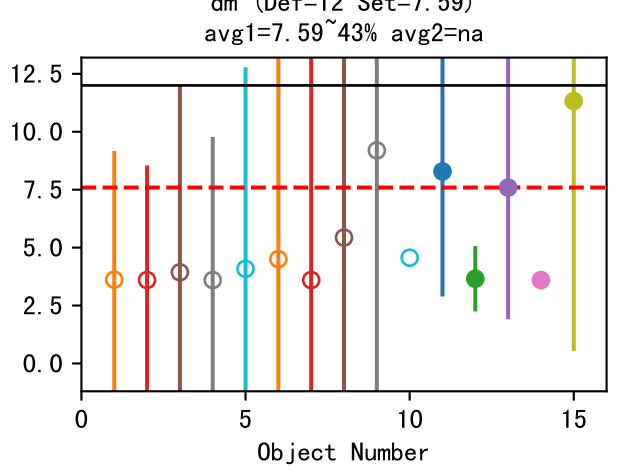


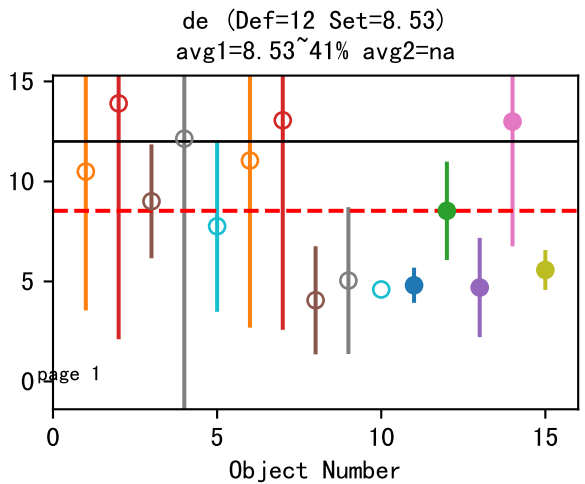
P10AE-114-7L7



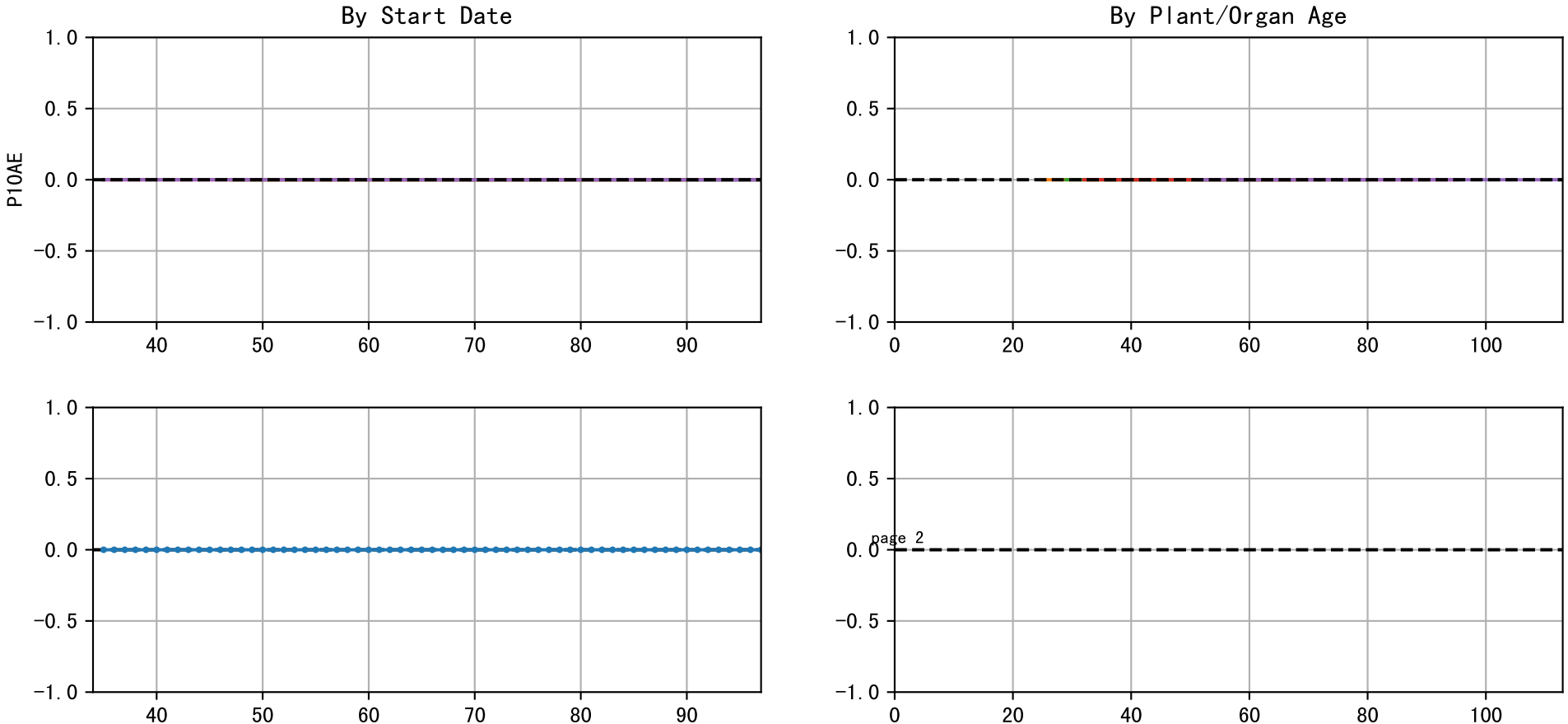

Ymax (Def=1 Set=1.36)
avg1=1.36~31% avg2=na
P10AE
Object Number

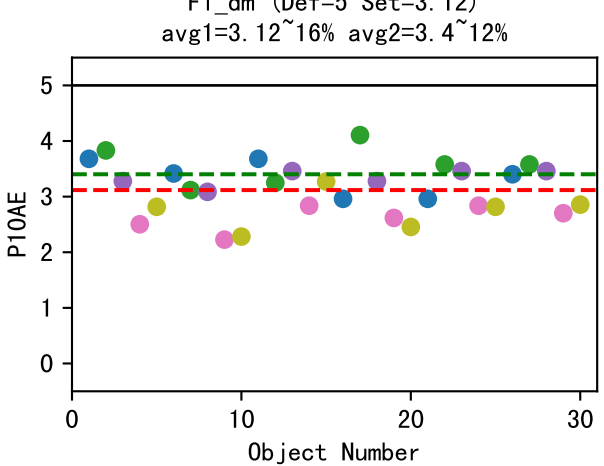

tb (Def=na Set=na)
avg1=23.5~46% avg2=na
P10AE ETA
Object Number

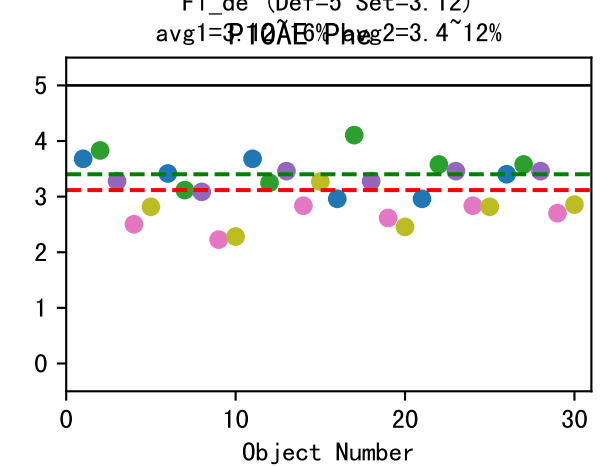

dm (Def=12 Set=7.59)
avg1=7.59~43% avg2=na
Object Number

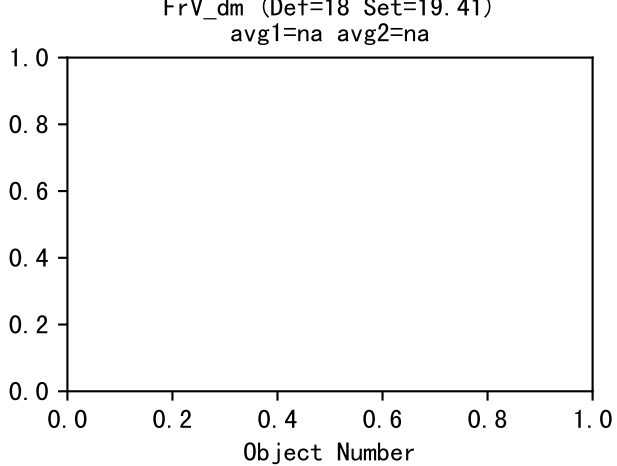

de (Def=12 Set=8.53)
avg1=8.53~41% avg2=na
page 1
Object Number

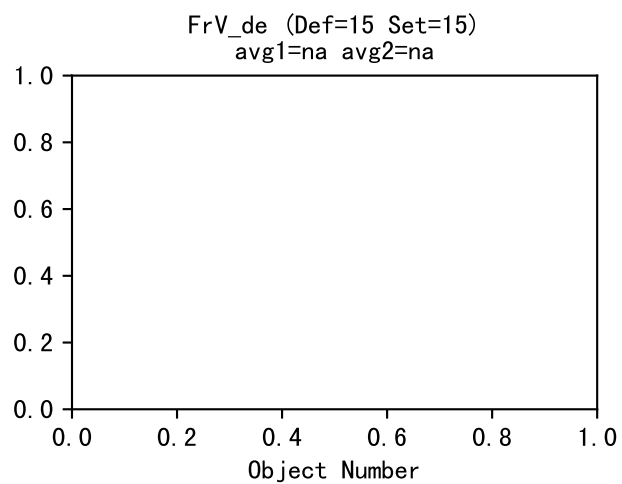
LfA

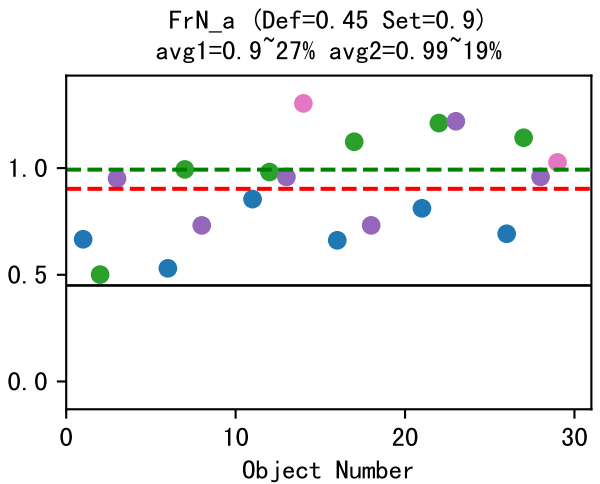

By Start Date
By Plant/Organ Age
P10AE
1.0
0.5
0.0
−0.5
−1.0
40
50
60
70
80
90
0
20
40
60
80
100
page 2

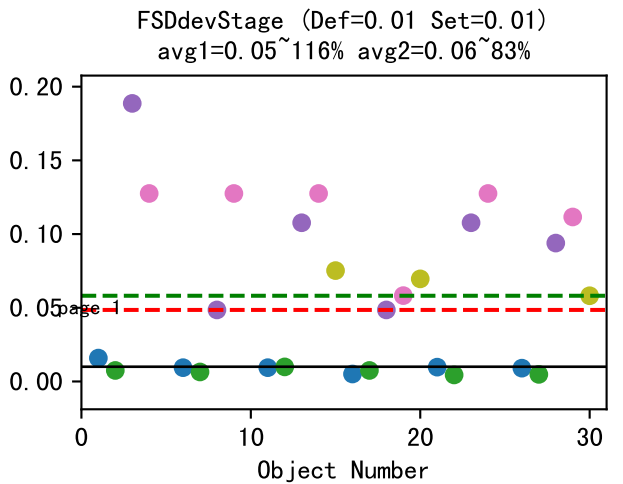

Fl_dm (Def=5 Set=3.12)
avg1=3.12~16% avg2=3.4~12%
P10AE
Object Number

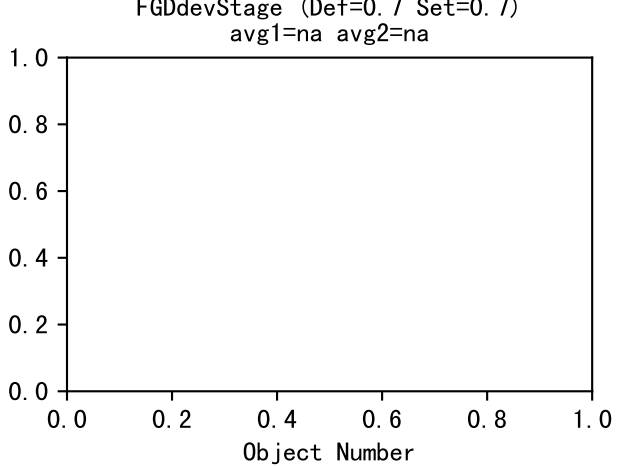

Fl_de (Def=5 Set=3.12)
avg1=3.12~16% avg2=3.4~12%
P10AE Plug
Object Number

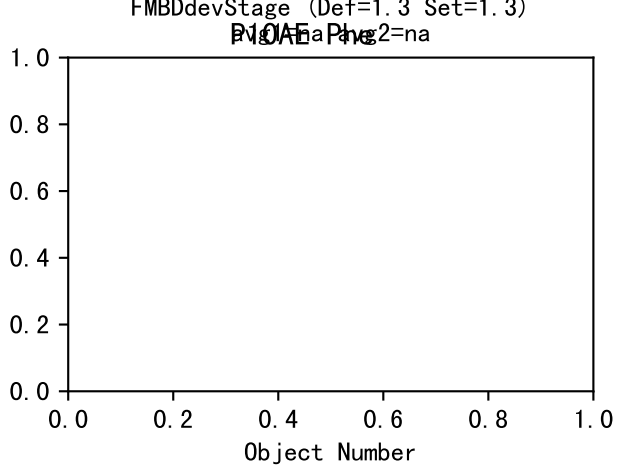

FrV_dm (Def=18 Set=19.41)
avg1=na avg2=na
Object Number

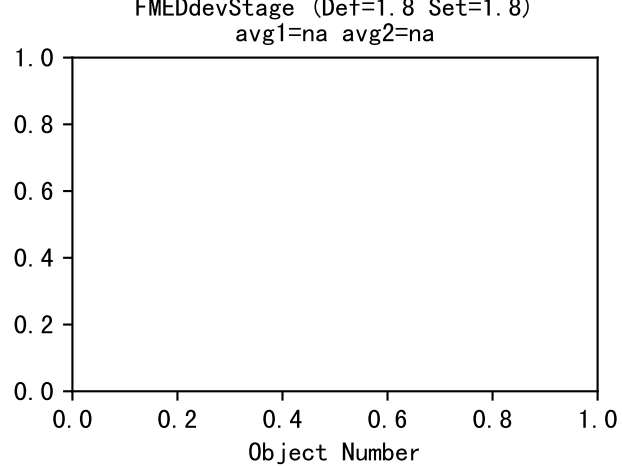

FrV_de (Def=15 Set=15)
avg1=na avg2=na
Object Number

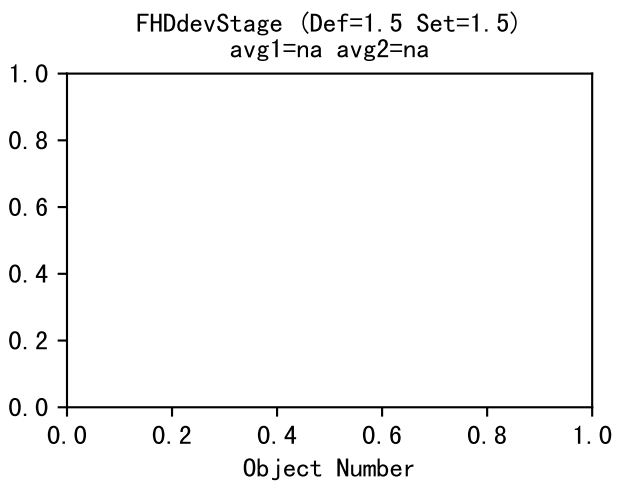

FrN_a (Def=0.45 Set=0.9)
avg1=0.9~27% avg2=0.99~19%
Object Number

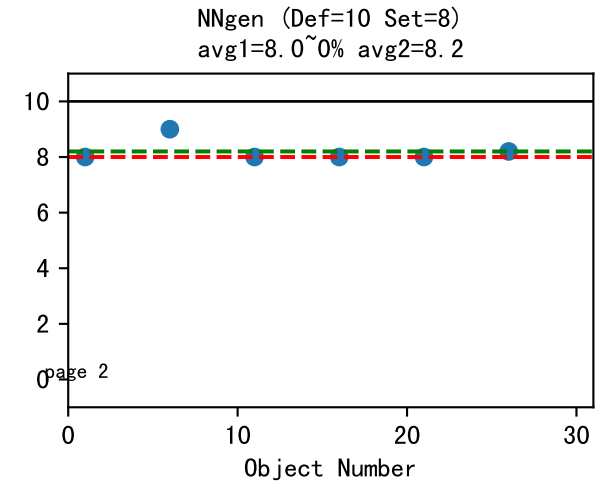

FSDdevStage (Def=0.01 Set=0.01)
avg1=0.05~116% avg2=0.06~83%
Object Number

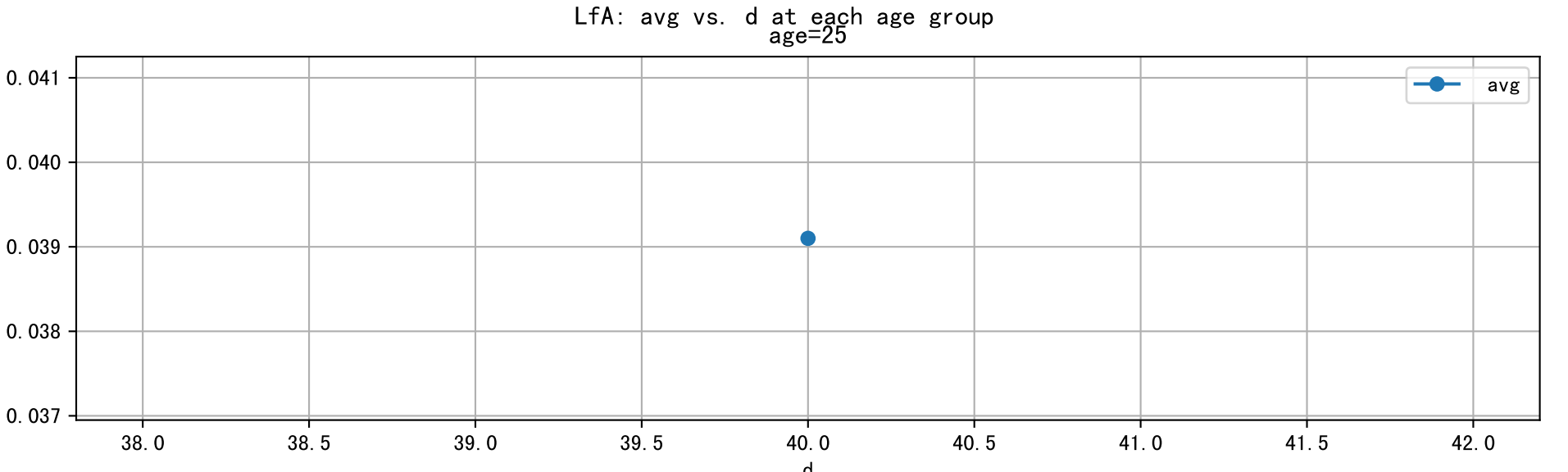

FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Object Number

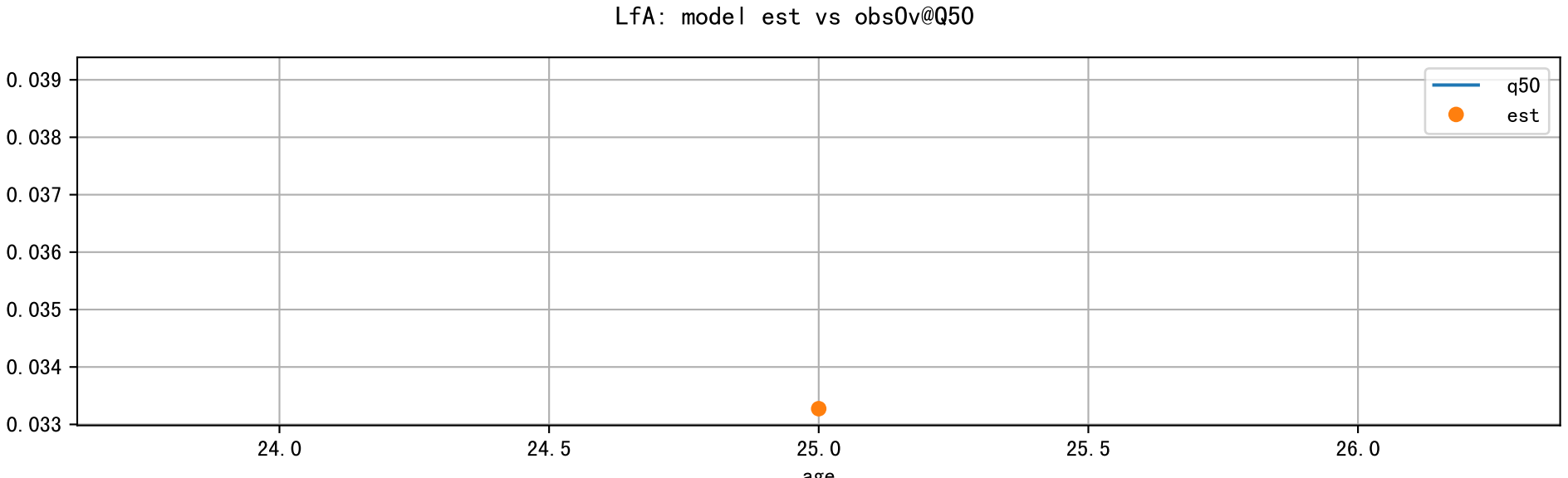

FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Object Number

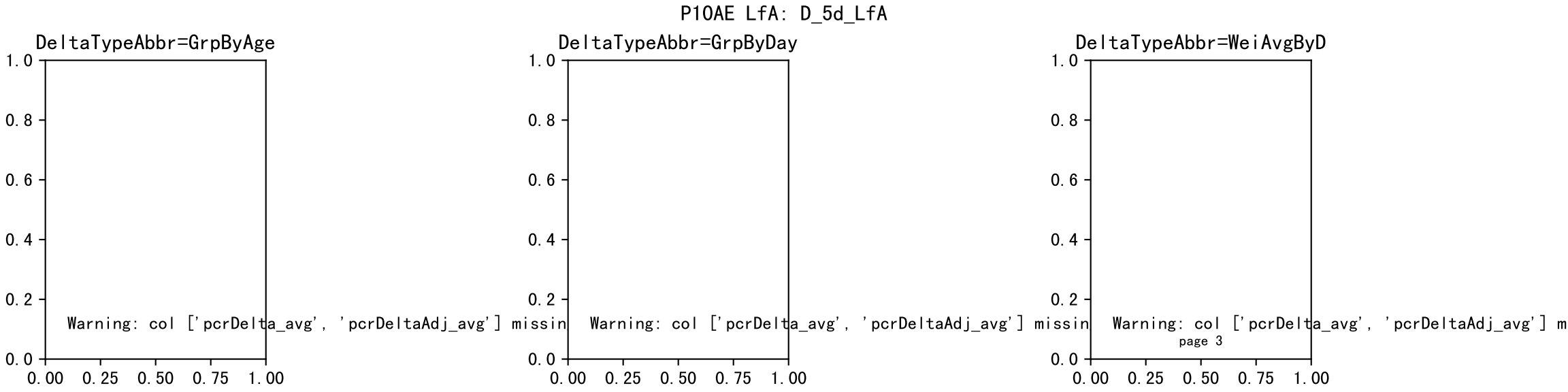

FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Object Number

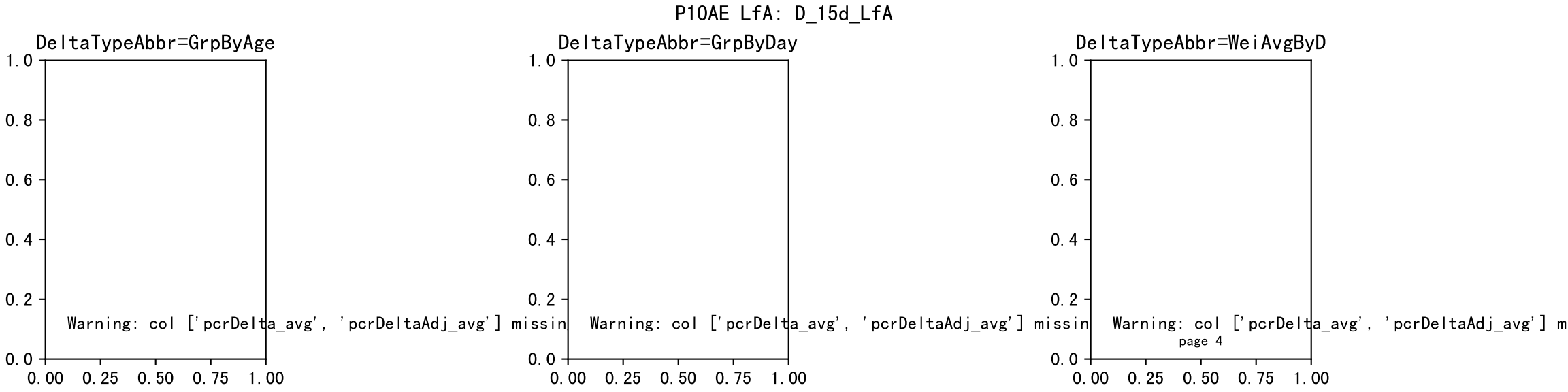

FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Object Number

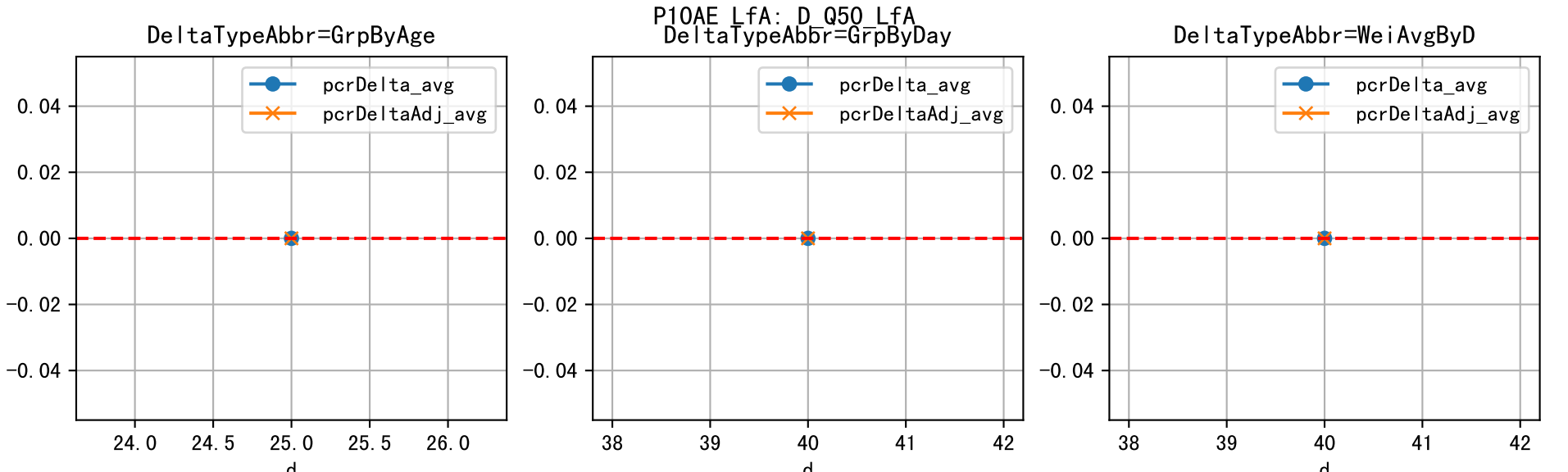

NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=8.2
10
8
6
4
2
0
page 2
0
10
20
30
Object Number

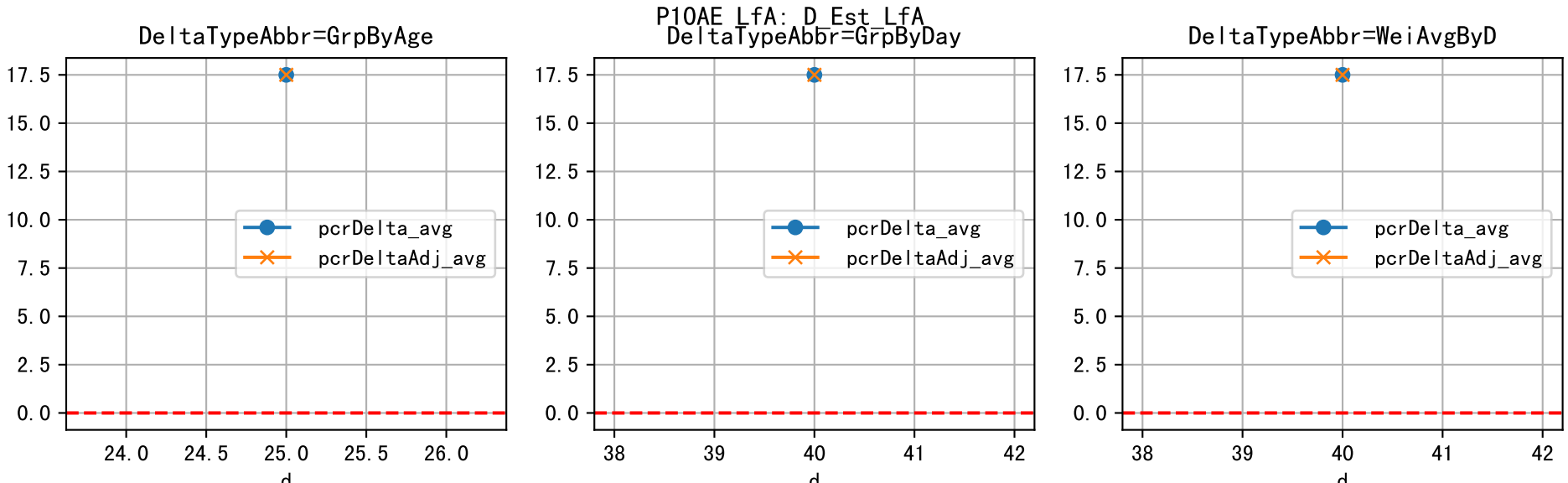

LfA: avg vs. d at each age group
age=25
avg
0.041
0.040
0.039
0.038
0.037
38.0
38.5
39.0
39.5
40.0
40.5
41.0
41.5
42.0
d

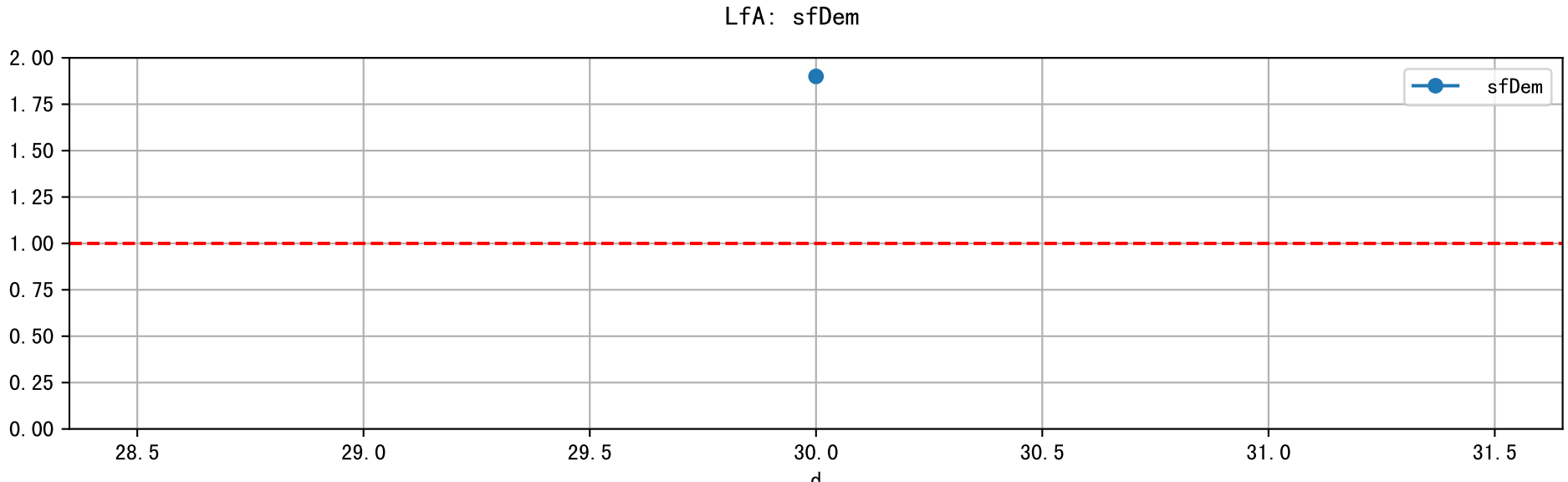

LfA: model est vs obsOv@Q50
0.039
0.038
0.037
0.036
0.035
0.034
0.033
24.0
24.5
25.0
25.5
26.0
age
q50
est

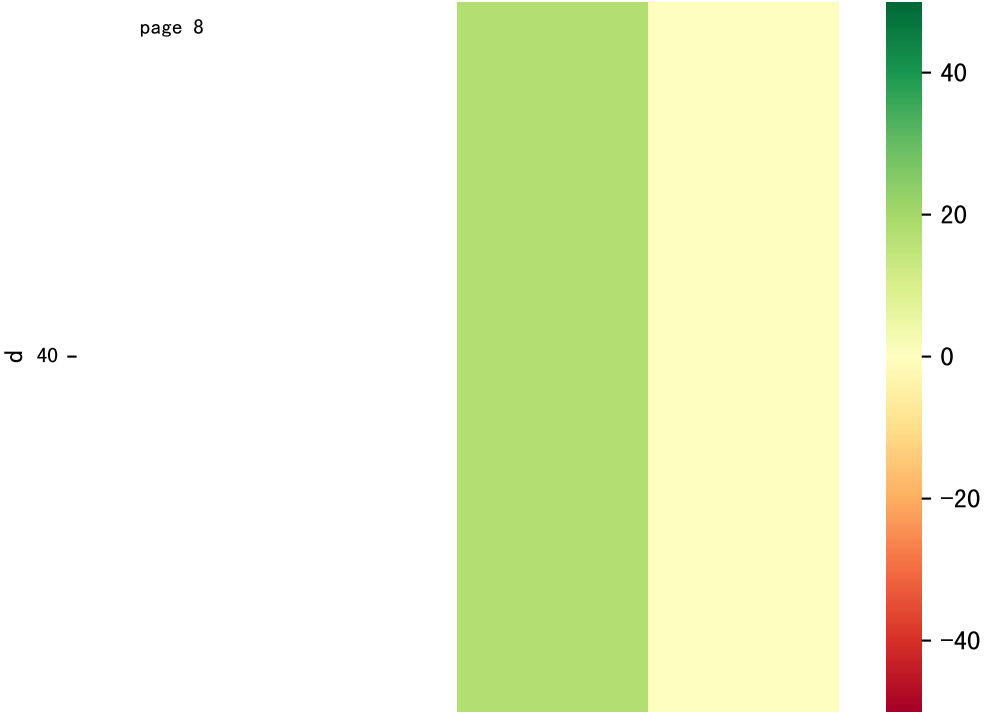

P10AE LfA: D_5d_LfA
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
1.0
0.8
0.6
0.4
0.2
0.0
0.00
0.25
0.50
0.75
1.00
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missin
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missin
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] m

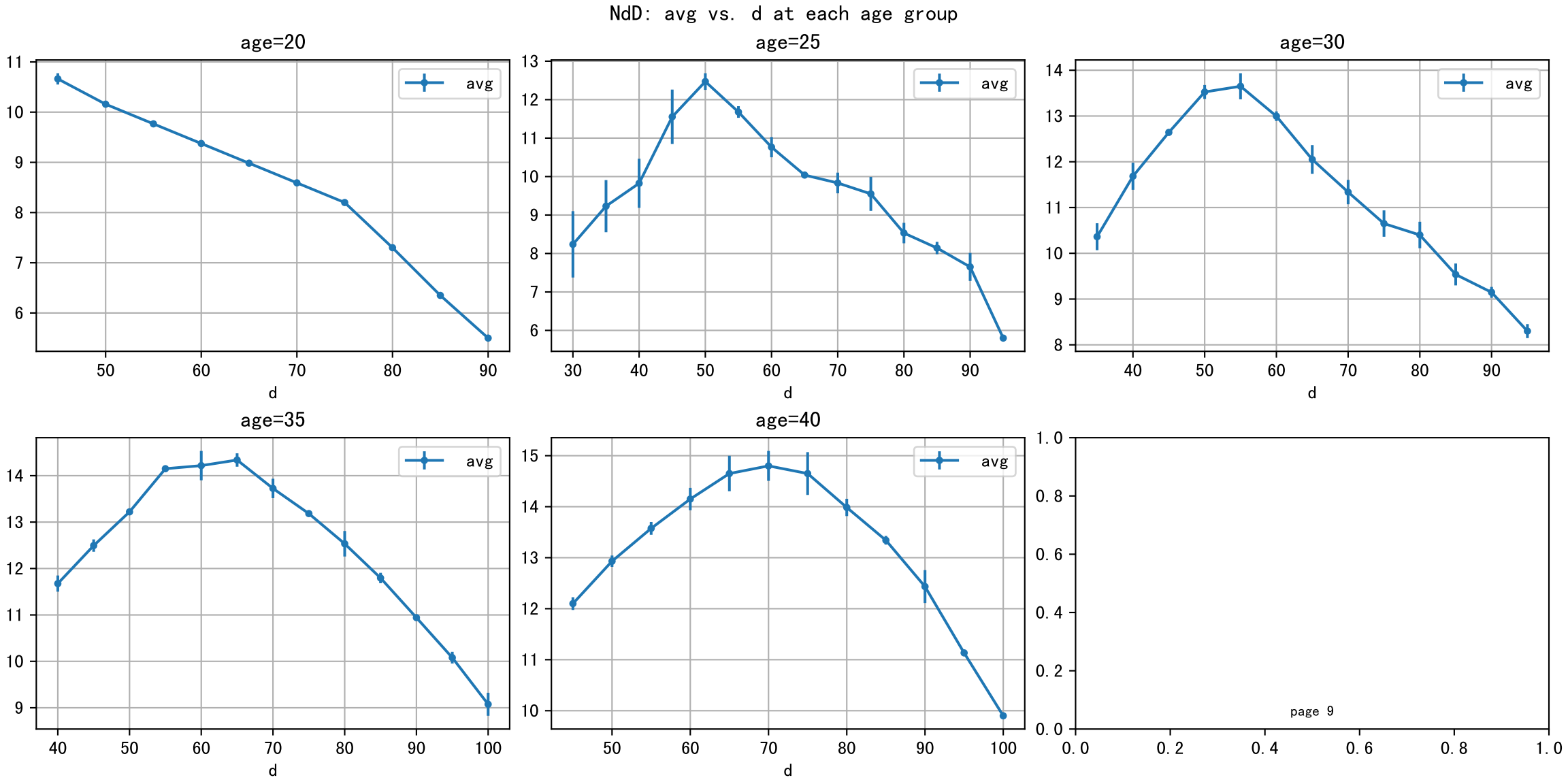

P10AE LfA: D_15d_LfA
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
1.0
0.8
0.6
0.4
0.2
0.0
0.00
0.25
0.50
0.75
1.00
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missin
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] missin
Warning: col ['pcrDelta_avg', 'pcrDeltaAdj_avg'] m

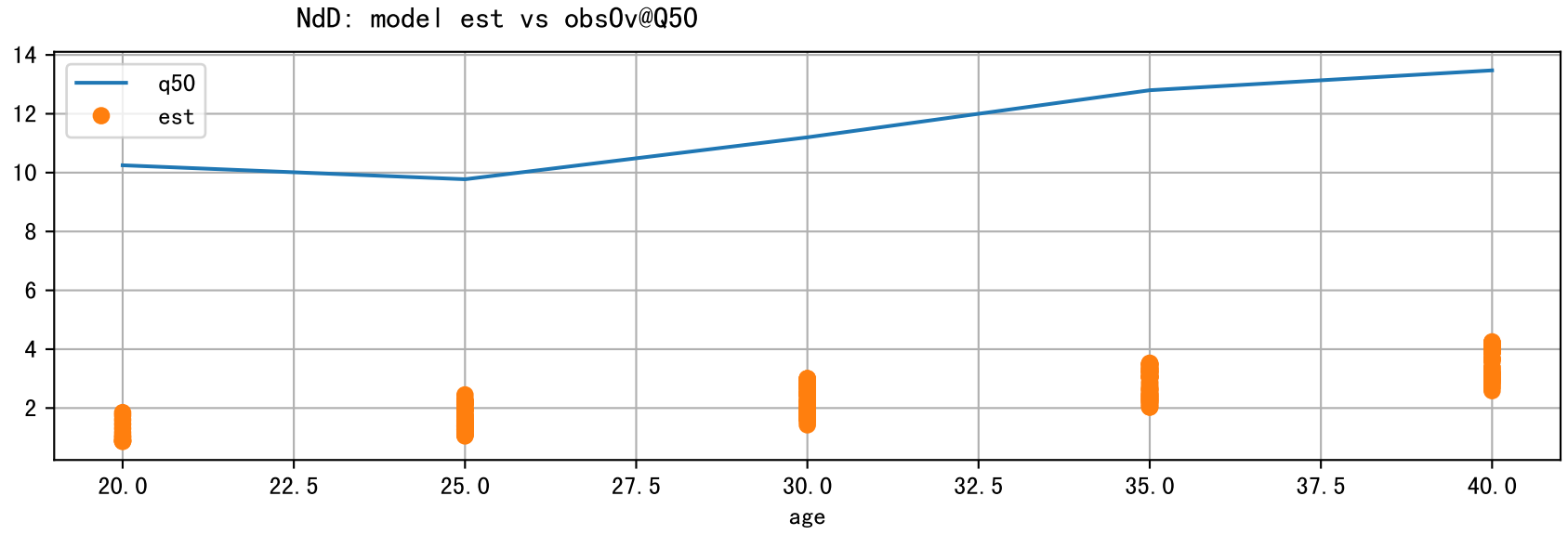

P10AE_LfA: D_Q50_LfA
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
0.04
0.02
0.00
-0.02
-0.04
24.0
24.5
25.0
25.5
26.0
38
39
40
41
42
d


P10AE_LfA: D_Est_LfA
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
24.0
24.5
25.0
25.5
26.0
38
39
40
41
42
d

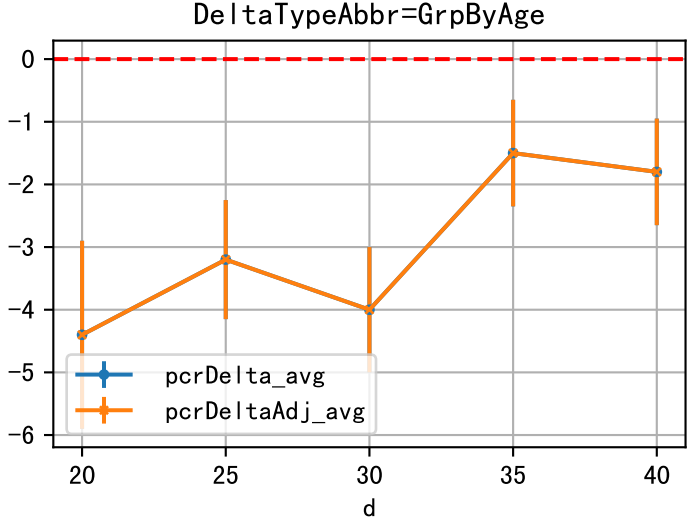

LfA: sfDem
sfDem
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
28.5
29.0
29.5
30.0
30.5
31.0
31.5
d

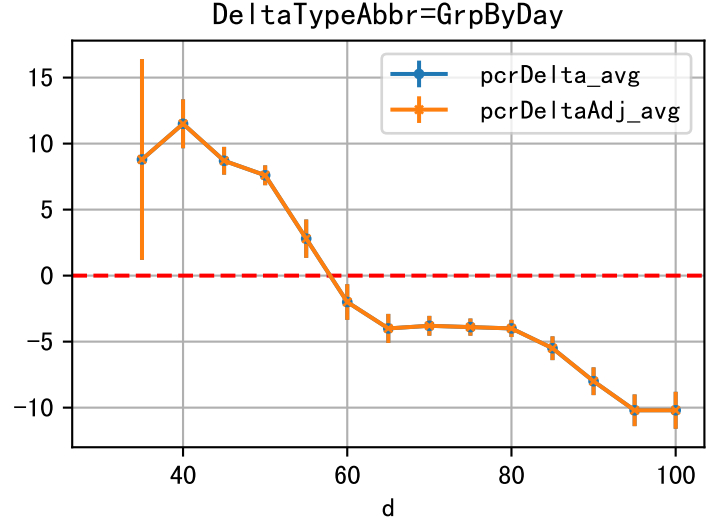

d
40
40
20
0
−20
−40

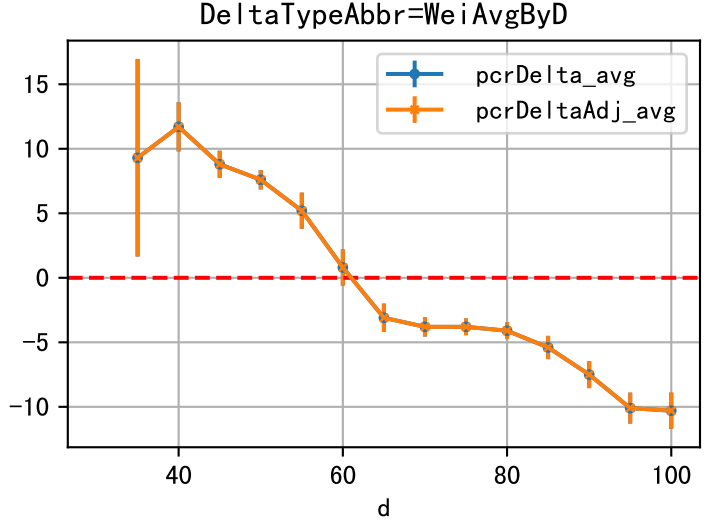

NdD: avg vs. d at each age group
age=20
age=25
age=30
age=35
age=40
avg
d
page 9

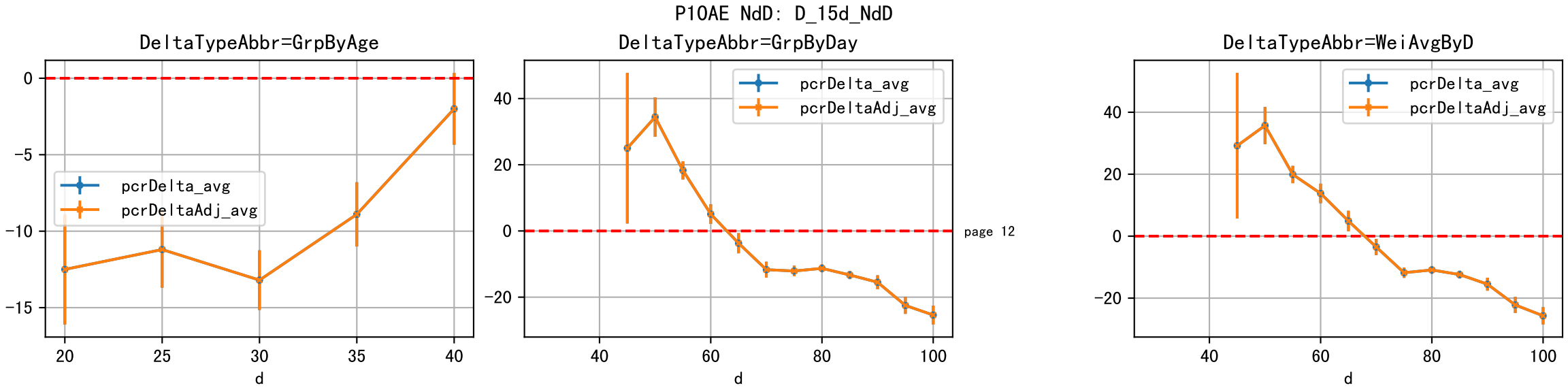

NdD: model est vs obsOv@Q50
q50
est
14
12
10
8
6
4
2
20.0
22.5
25.0
27.5
30.0
32.5
35.0
37.5
40.0
age

P10AE NdD: D_5d_NdD

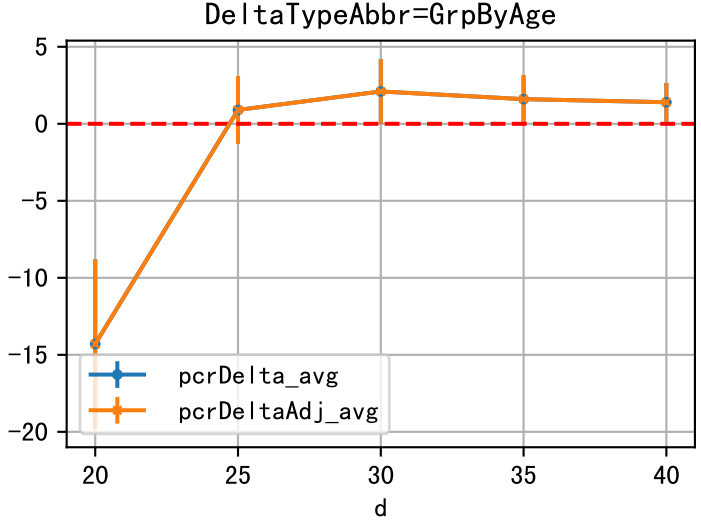


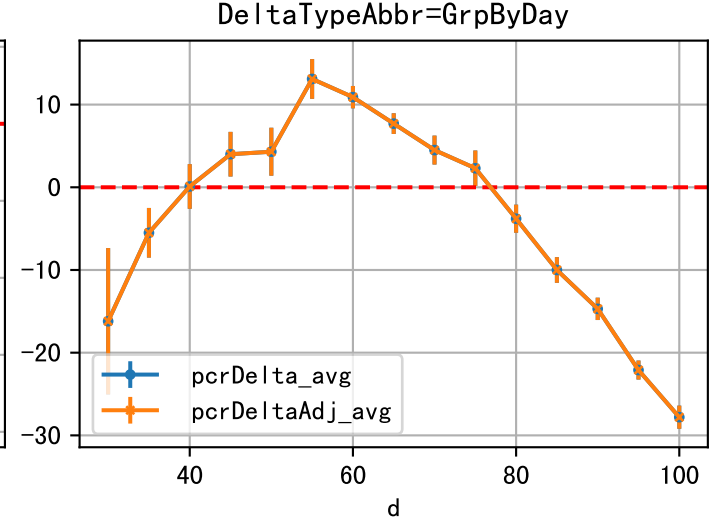


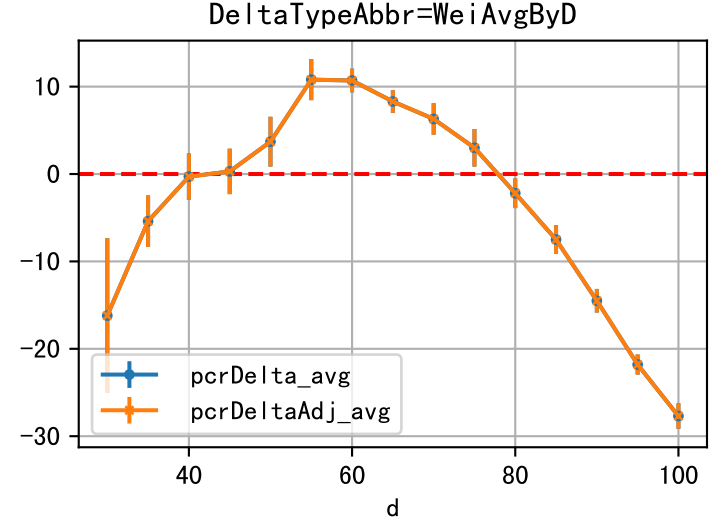



P10AE NdD: D_15d_NdD
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
d
page 12

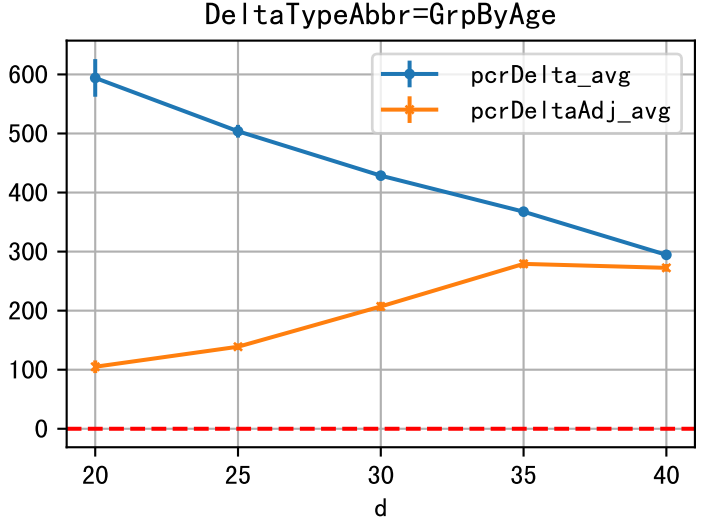
P10AE NdD: D_Q50_NdD

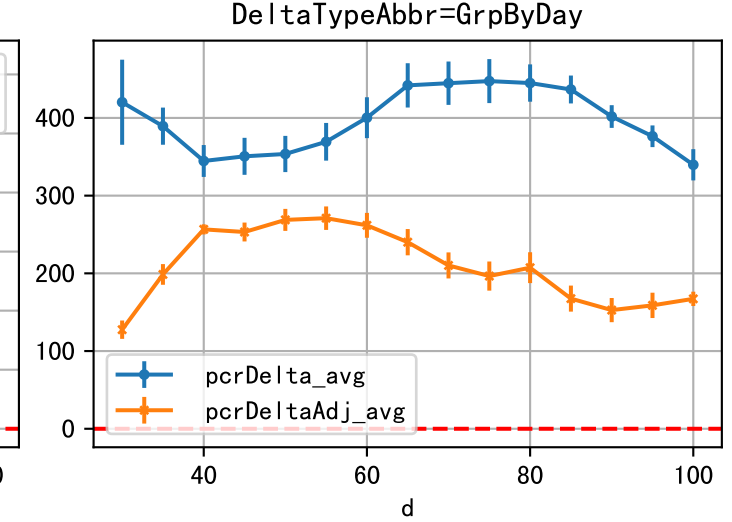


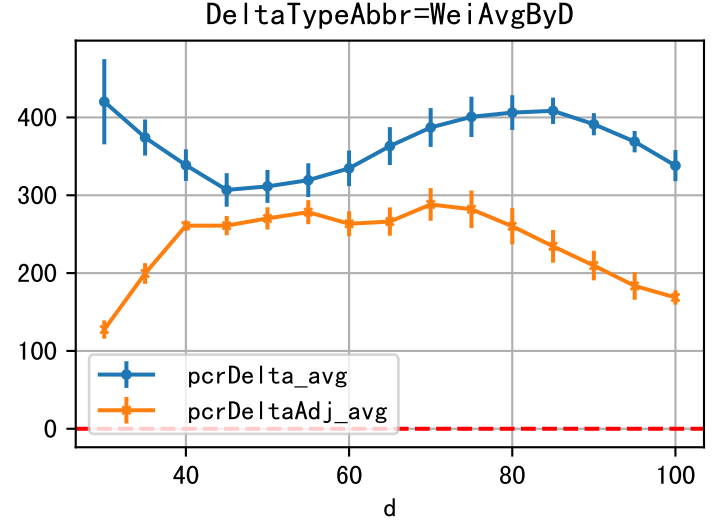


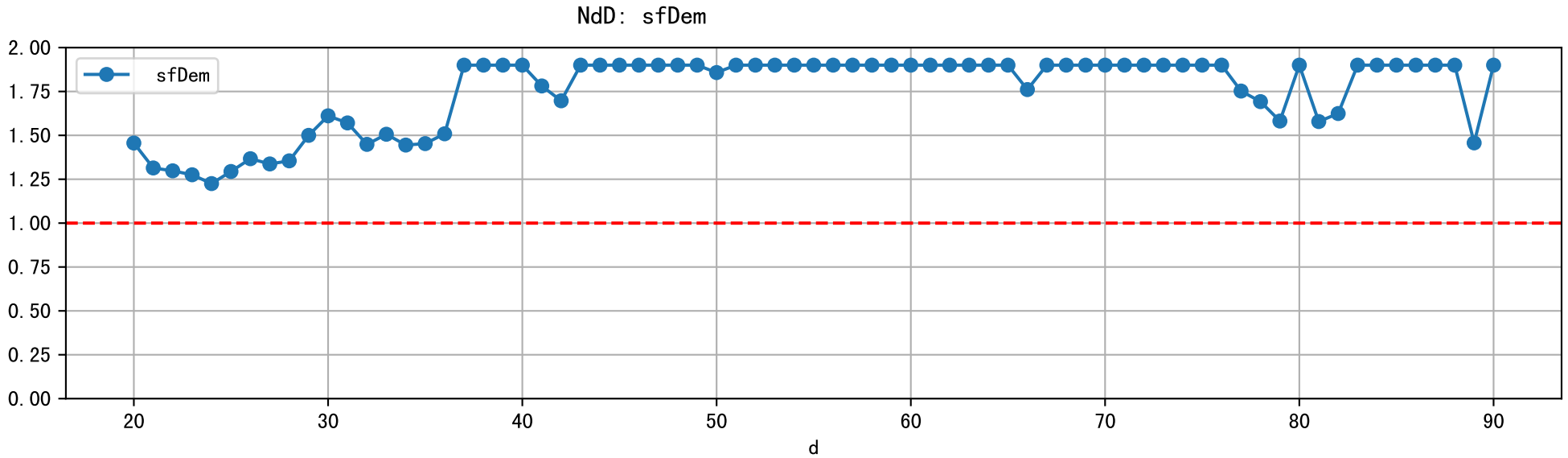


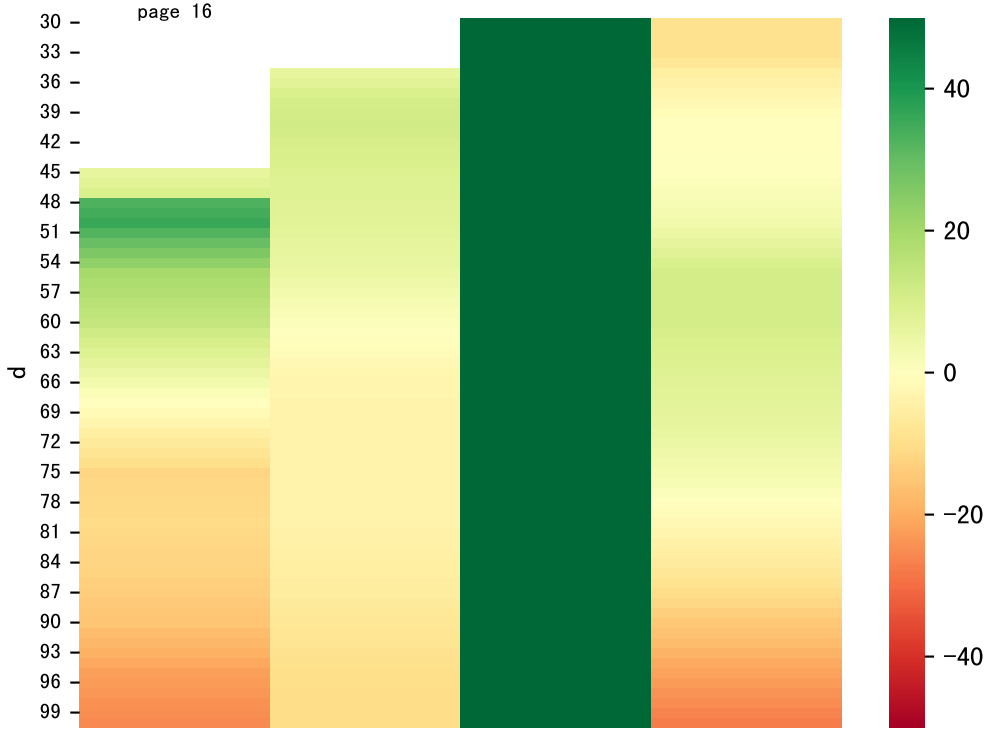
P10AE NdD: D_Est_NdD

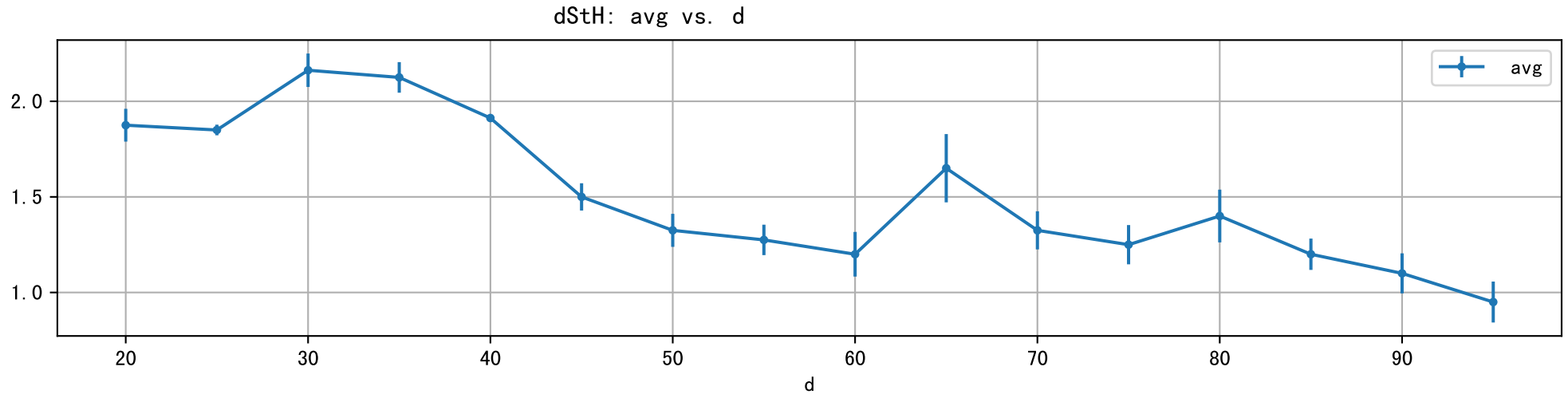


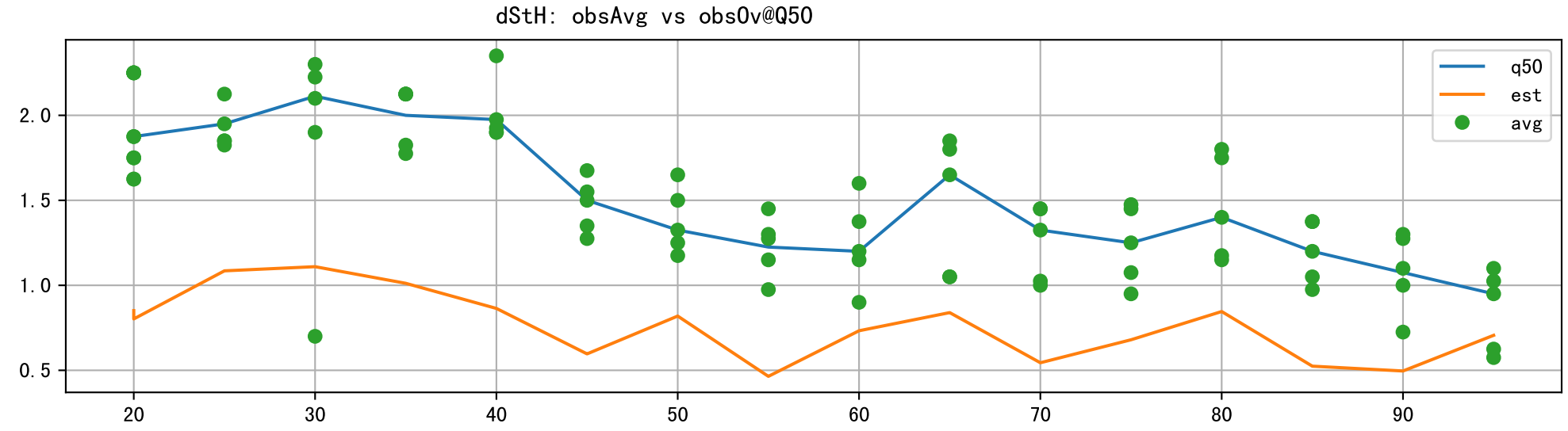


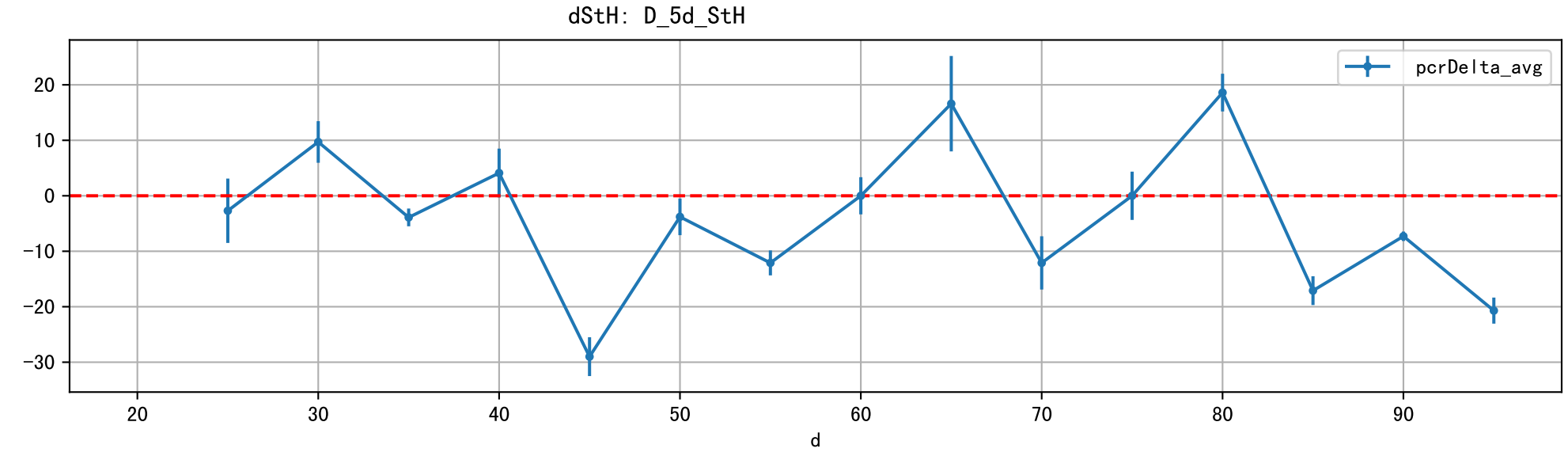


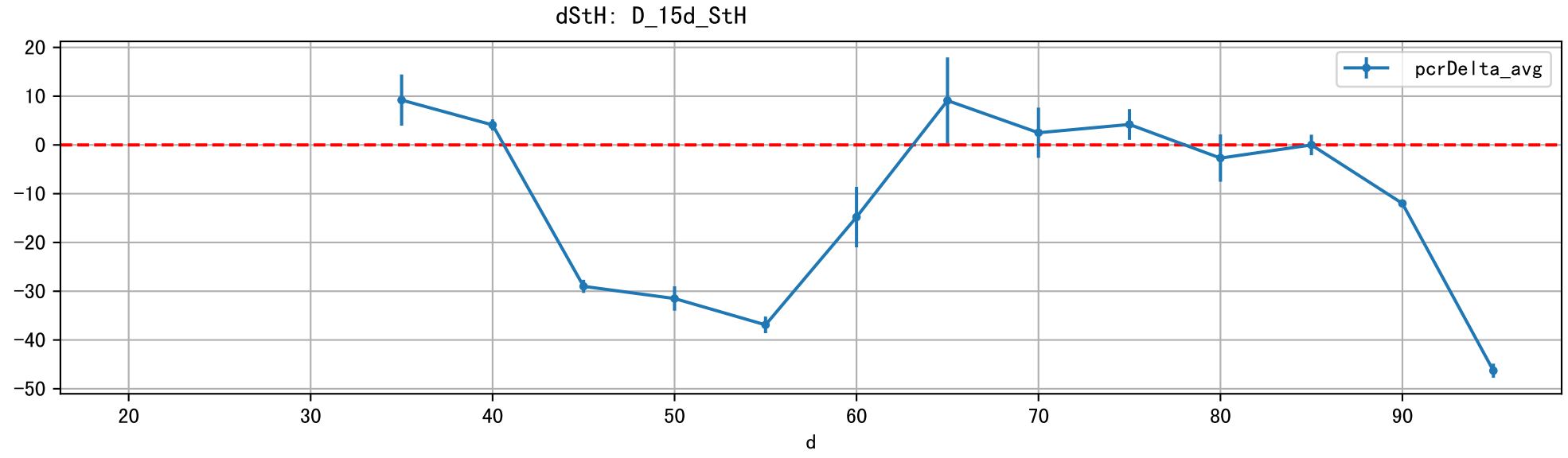

NdD: sfDem
sfDem
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
20
30
40
50
60
70
80
90
d

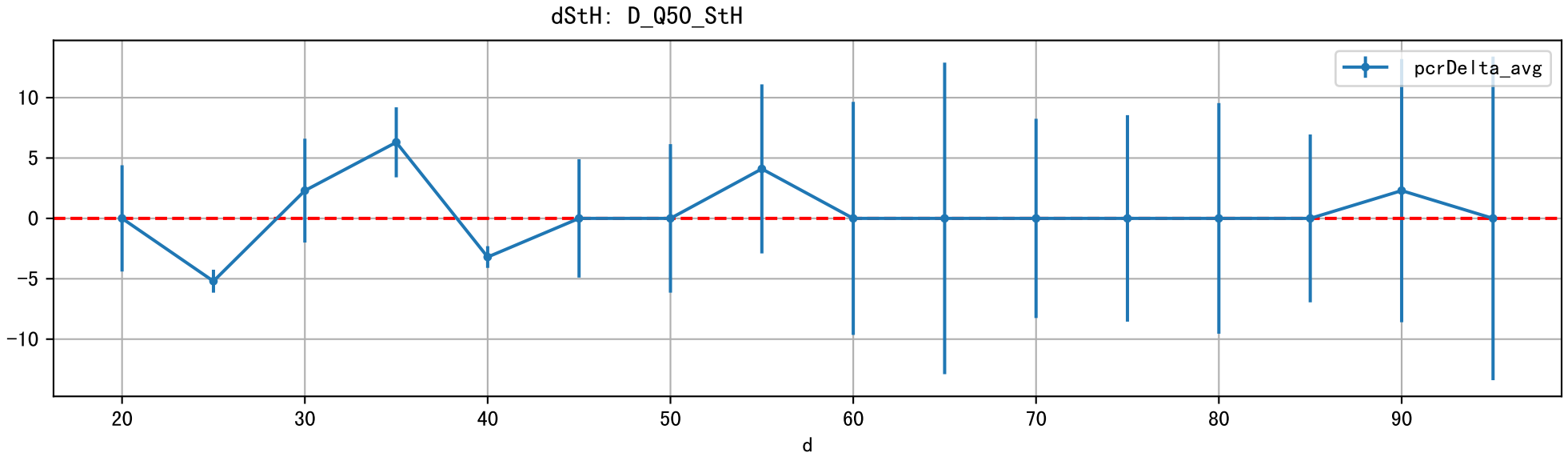

page 16
d
30
33
36
39
42
45
48
51
54
57
60
63
66
69
72
75
78
81
84
87
90
93
96
99
40
20
0
−20
−40

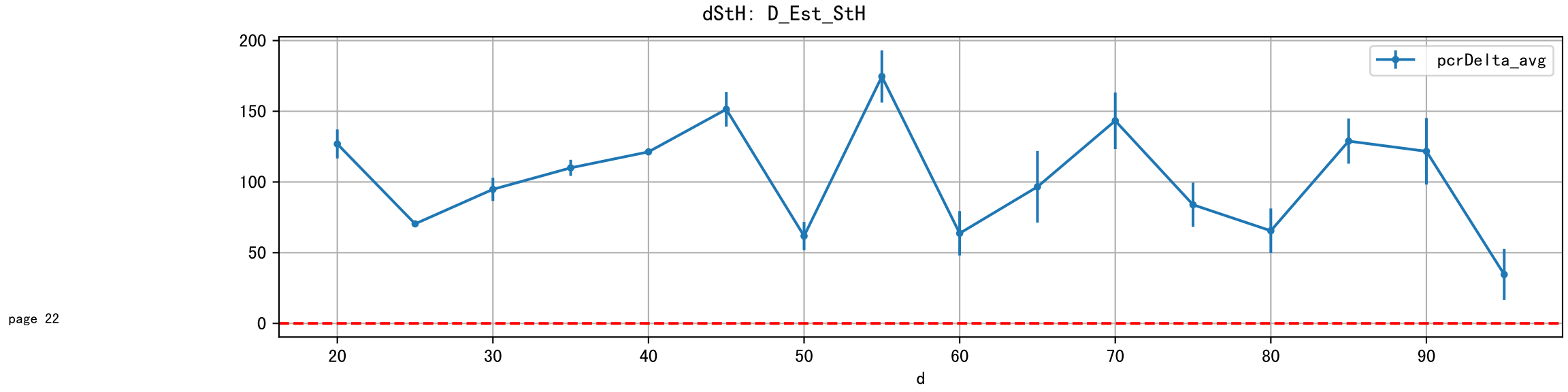

dStH: avg vs. d
avg
2.0
1.5
1.0
20
30
40
50
60
70
80
90
d

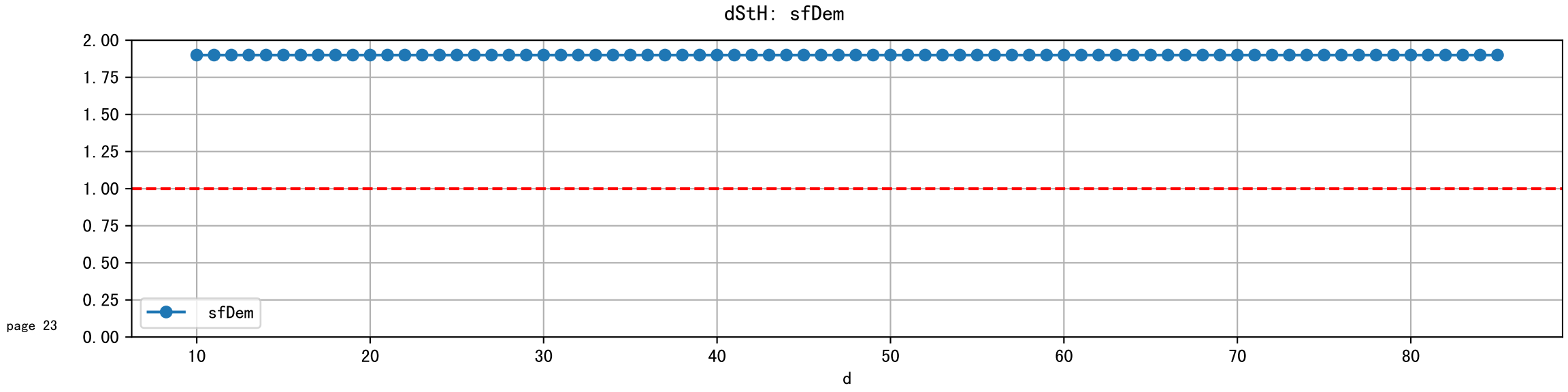

dStH: obsAvg vs obsOv@Q50
q50
est
avg
2.0
1.5
1.0
0.5
20
30
40
50
60
70
80
90
d

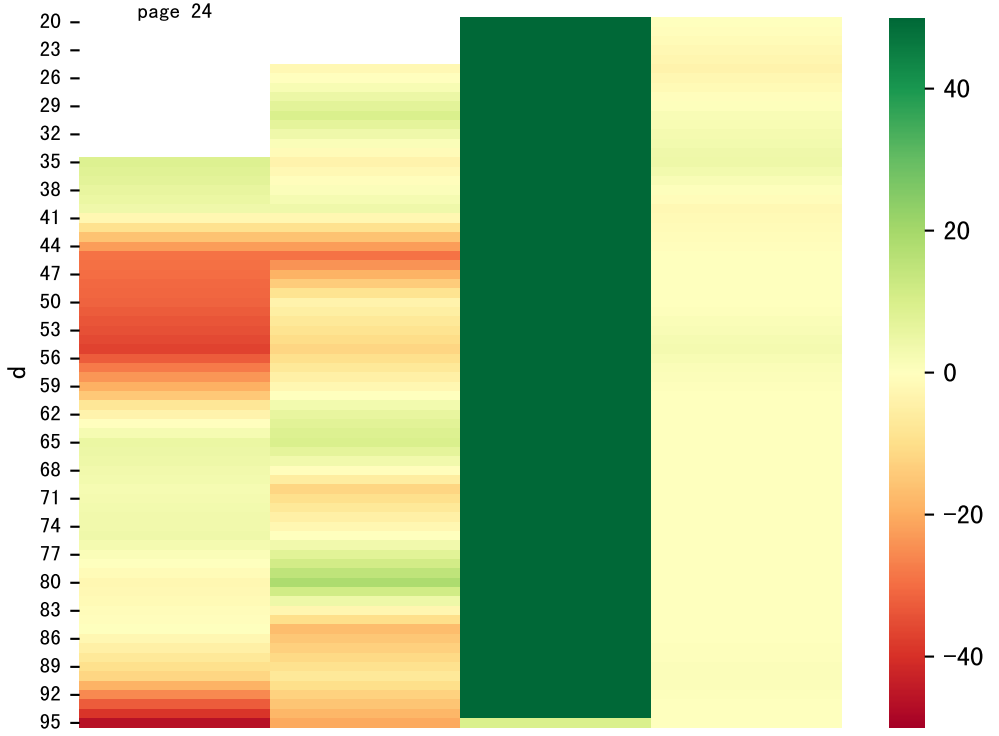

dStH: D_5d_StH
pcrDelta_avg
20
10
0
−10
−20
−30
20
30
40
50
60
70
80
90
d

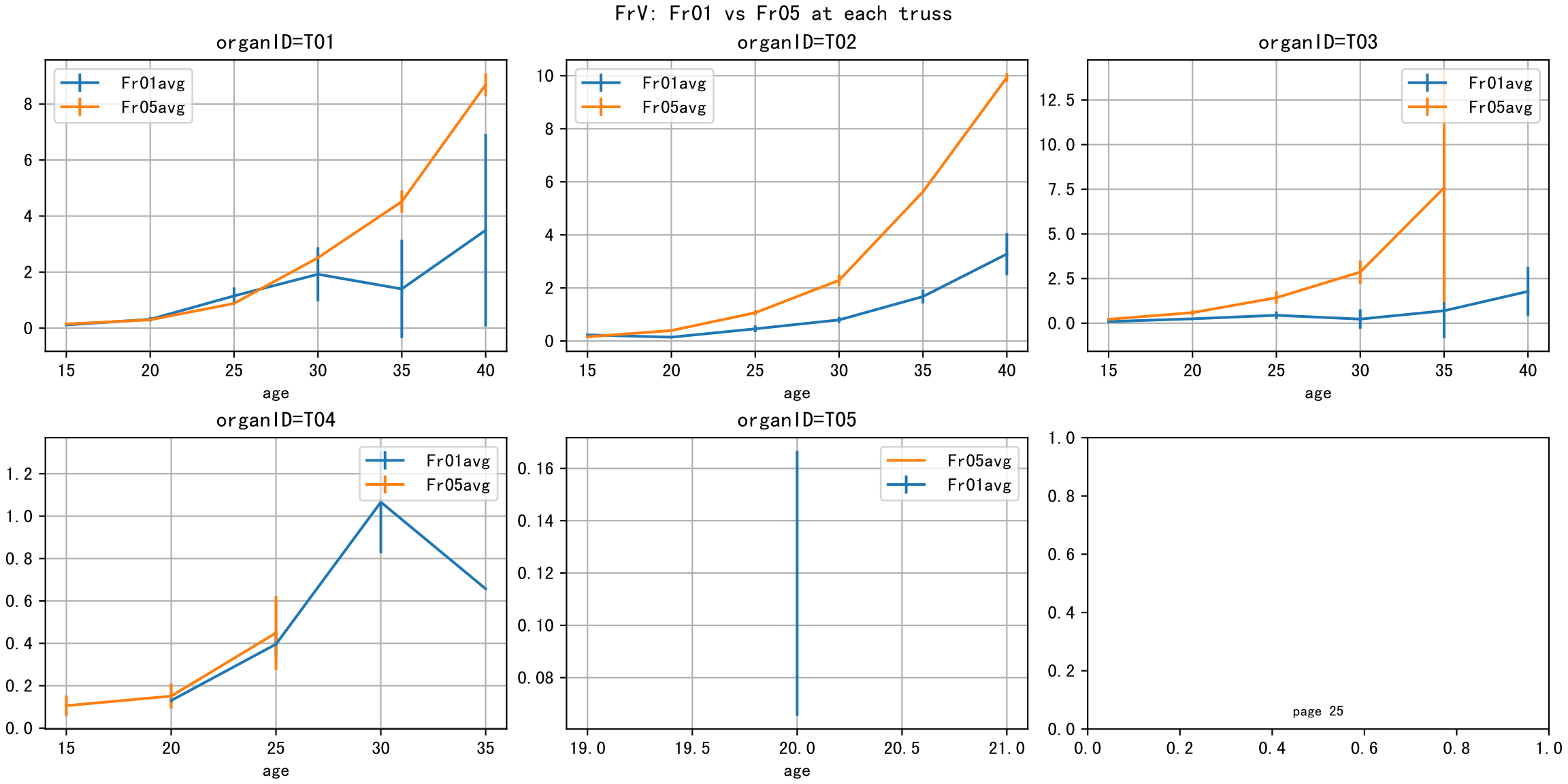

dStH: D_15d_StH
pcrDelta_avg
20
10
0
−10
−20
−30
−40
−50
20
30
40
50
60
70
80
90
d

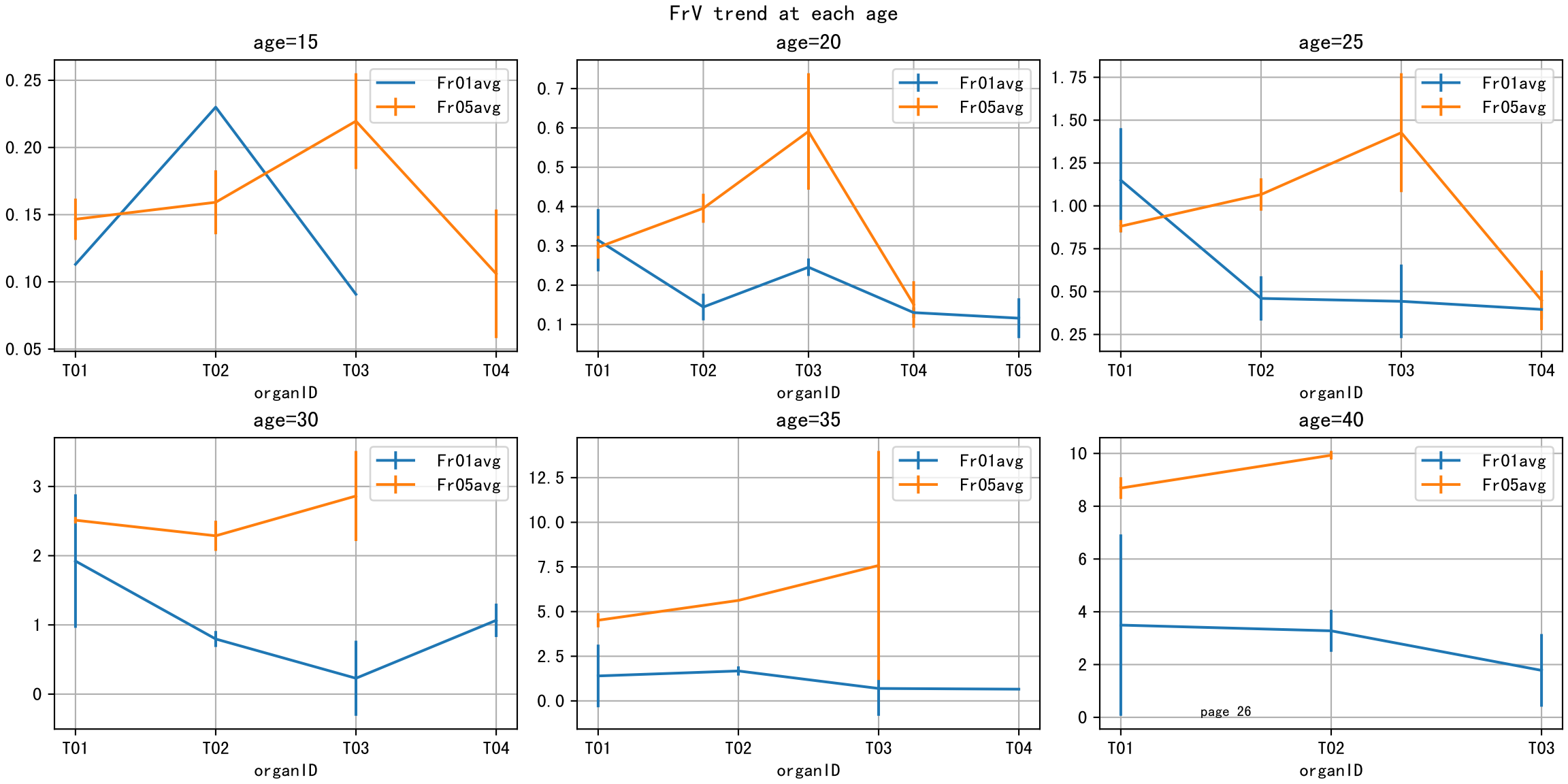

dStH: D_Q50_StH
pcrDelta_avg
10
5
0
−5
−10
20
30
40
50
60
70
80
90
d

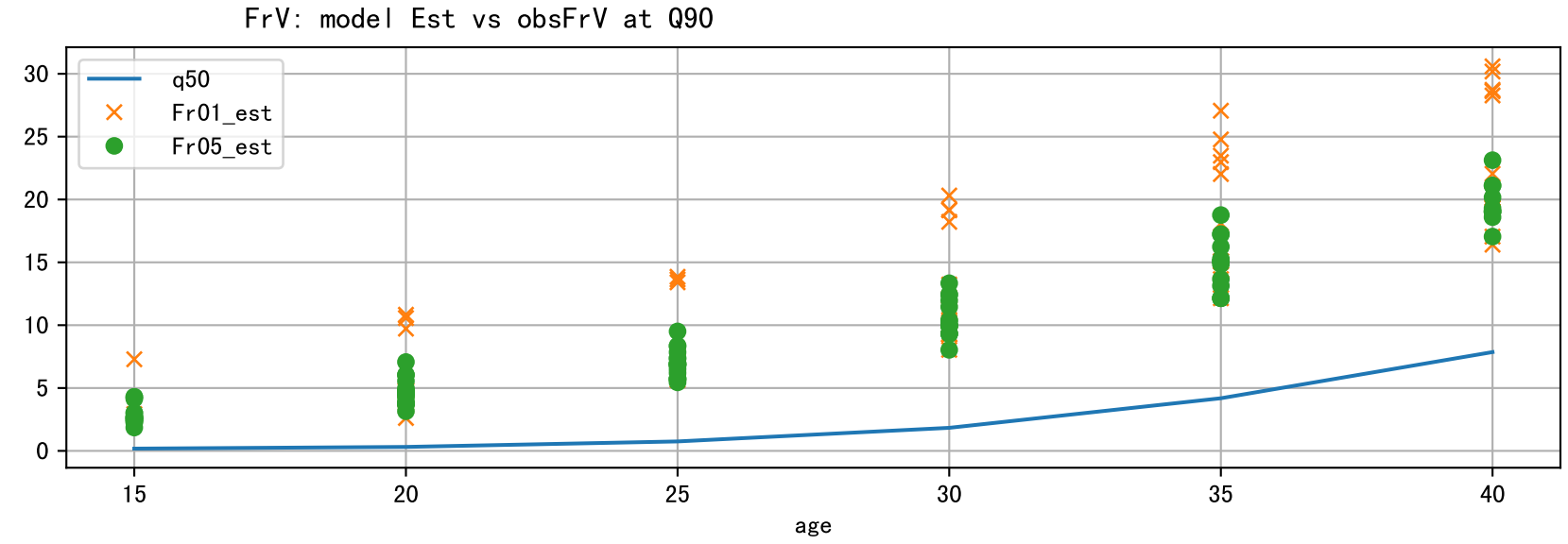

dStH: D_Est_StH
pcrDelta_avg
200
150
100
50
0
20
30
40
50
60
70
80
90
d

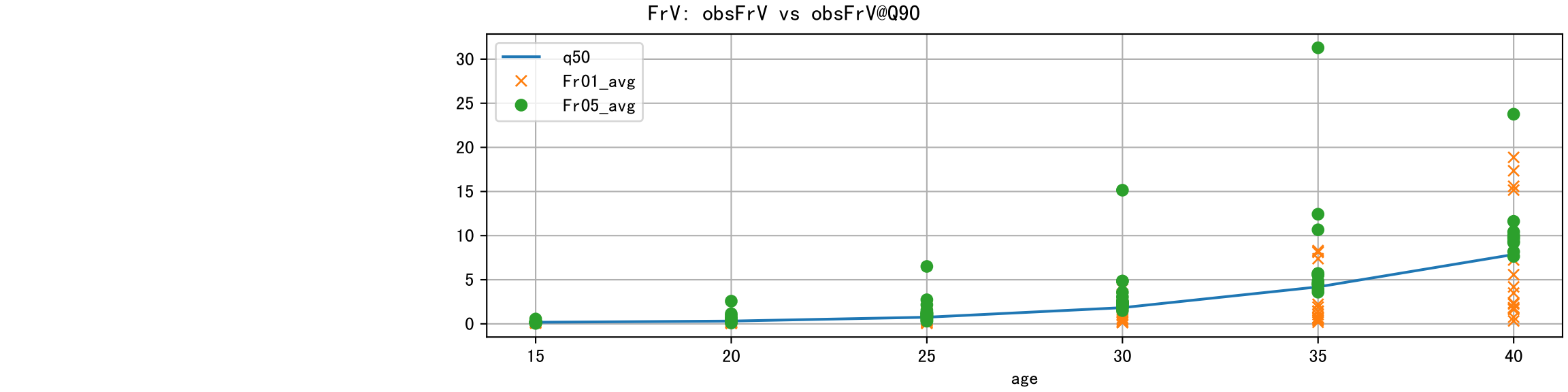

dStH: sfDem
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
sfDem
10
20
30
40
50
60
70
80
d

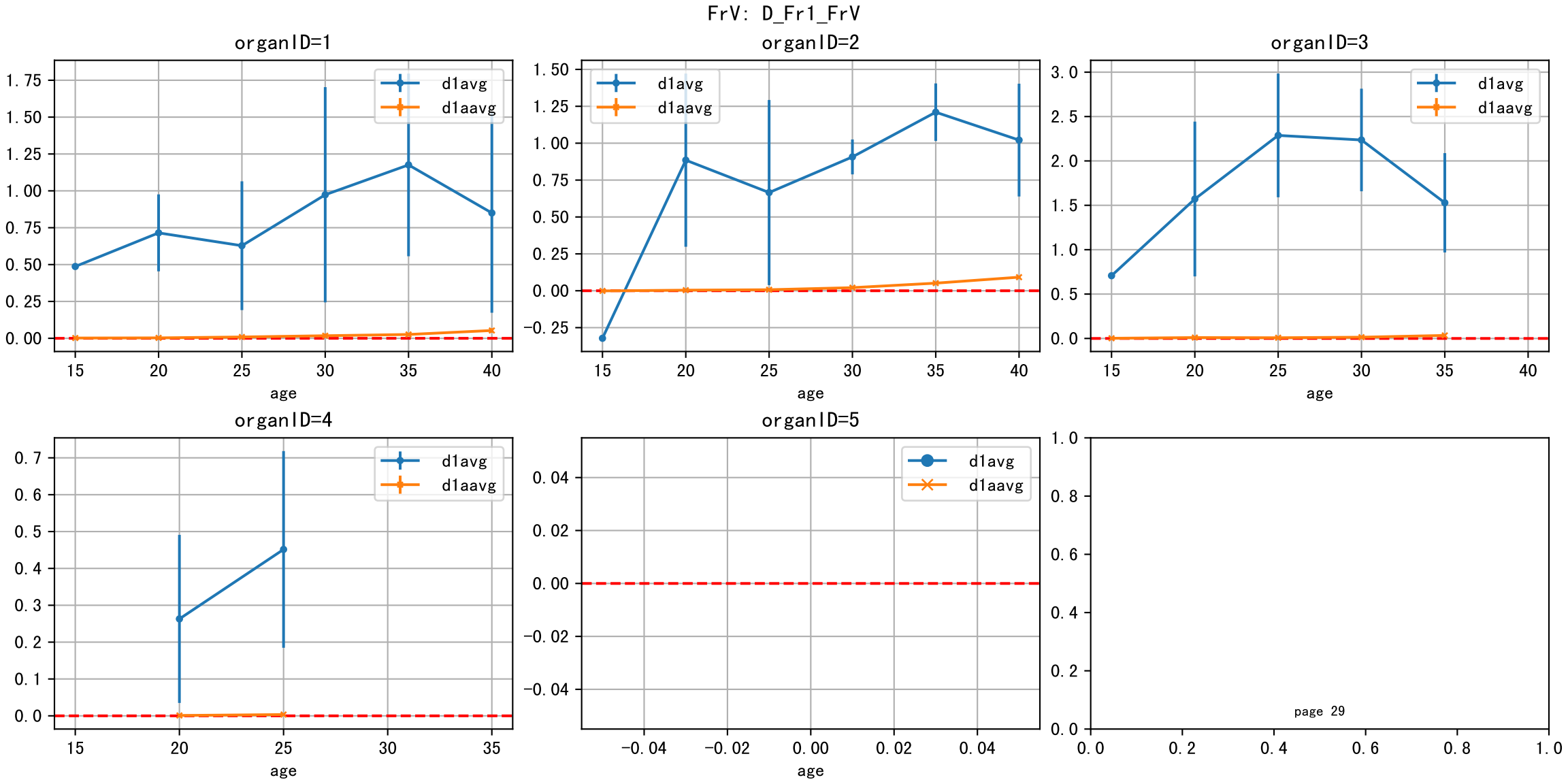

page 24
d
20
23
26
29
32
35
38
41
44
47
50
53
56
59
62
65
68
71
74
77
80
83
86
89
92
95
40
20
0
−20
−40

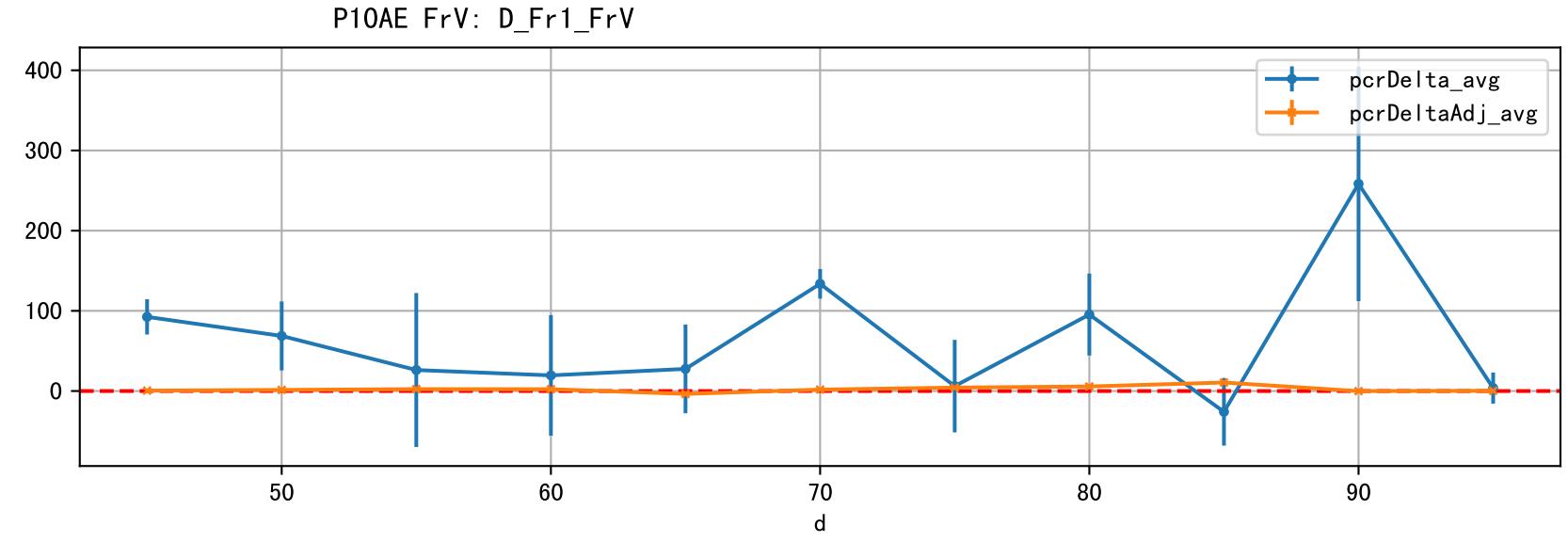

FrV: Fr01 vs Fr05 at each truss
organID=T01
organID=T02
organID=T03
organID=T04
organID=T05
Fr01avg
Fr05avg
age
page 25

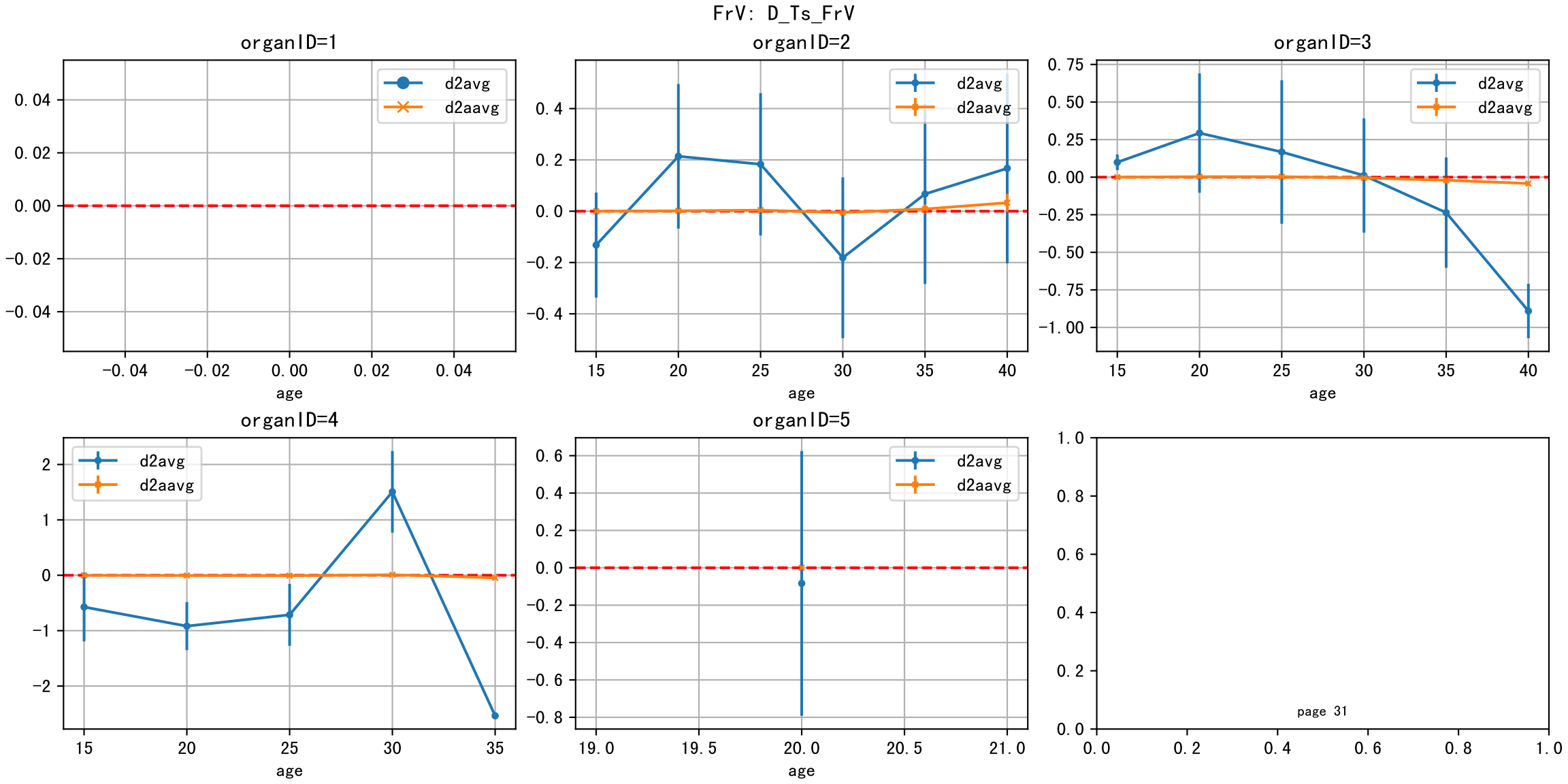

FrV trend at each age
age=15
age=20
age=25
age=30
age=35
age=40
Fr01avg
Fr05avg
organID
T01
T02
T03
T04
T05
page 26

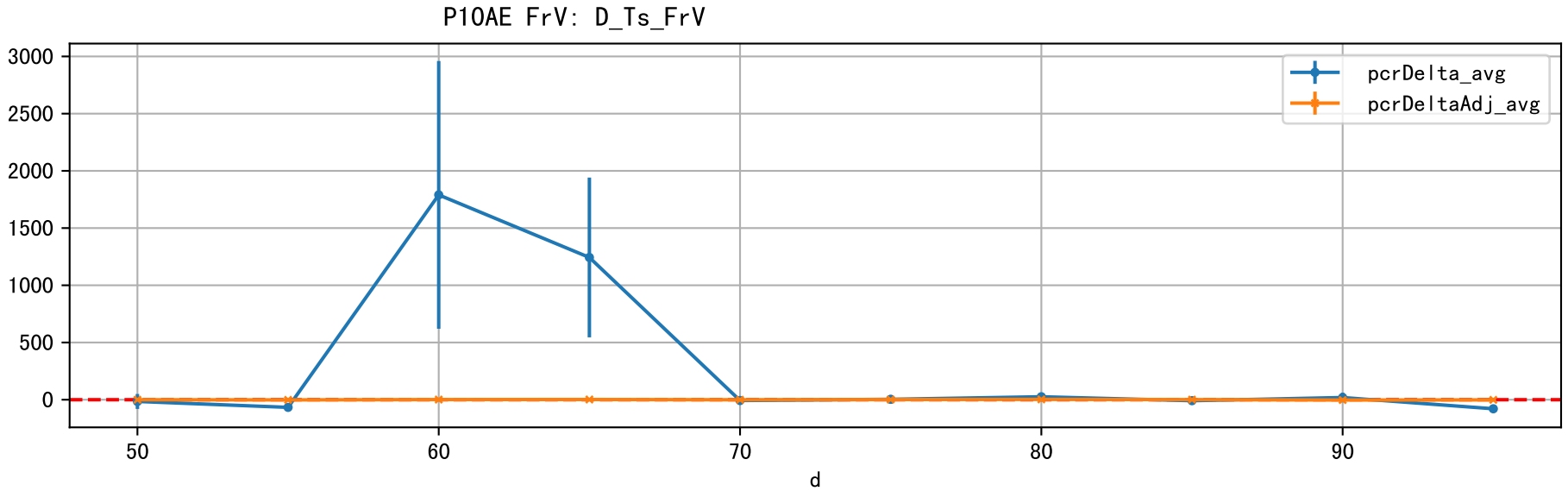

FrV: model Est vs obsFrV at Q90
q50
Fr01_est
Fr05_est
30
25
20
15
10
5
0
15
20
25
30
35
40
age

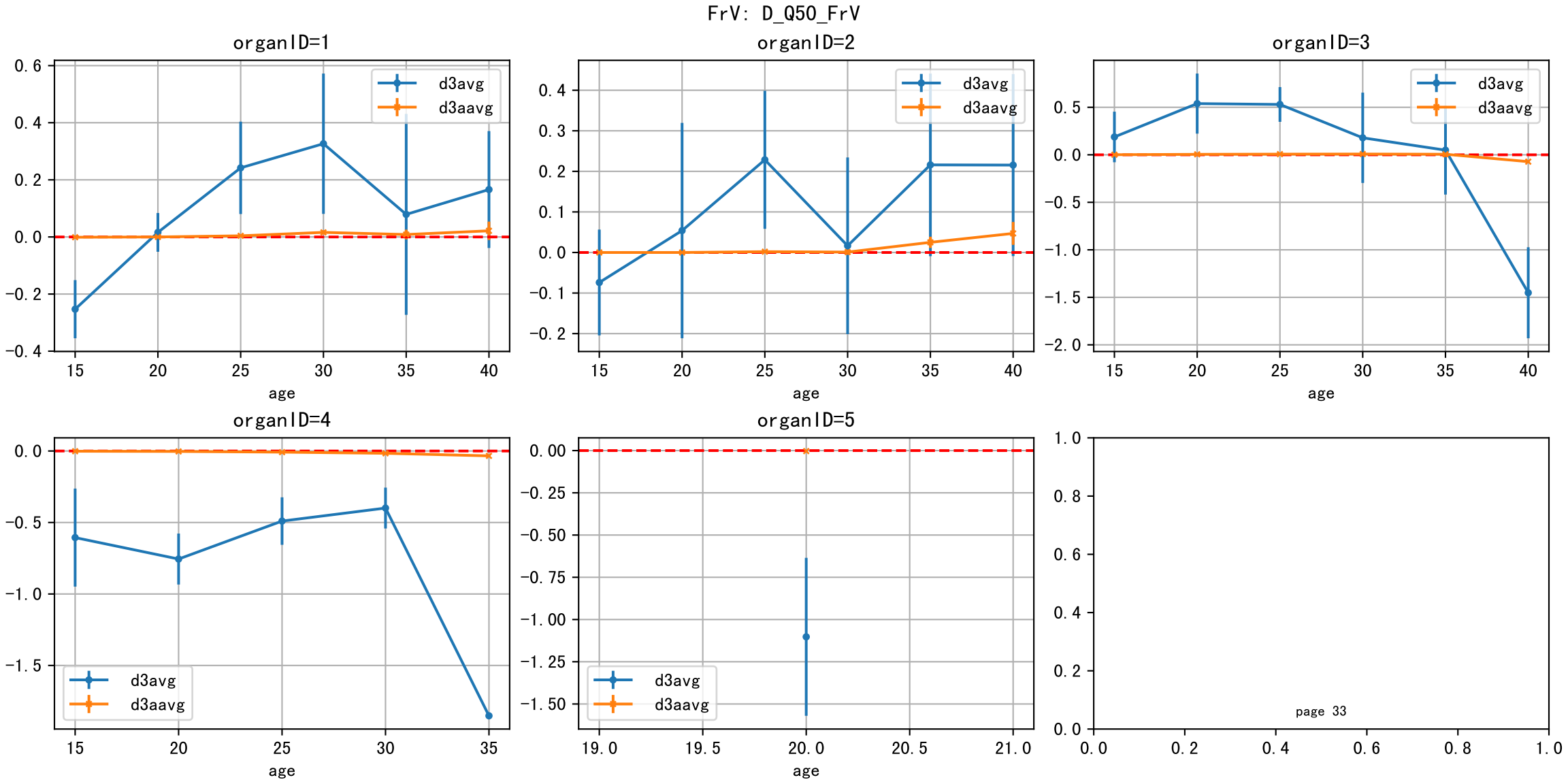

FrV: obsFrV vs obsFrV@Q90
q50
Fr01_avg
Fr05_avg
30
25
20
15
10
5
0
15
20
25
30
35
40
age

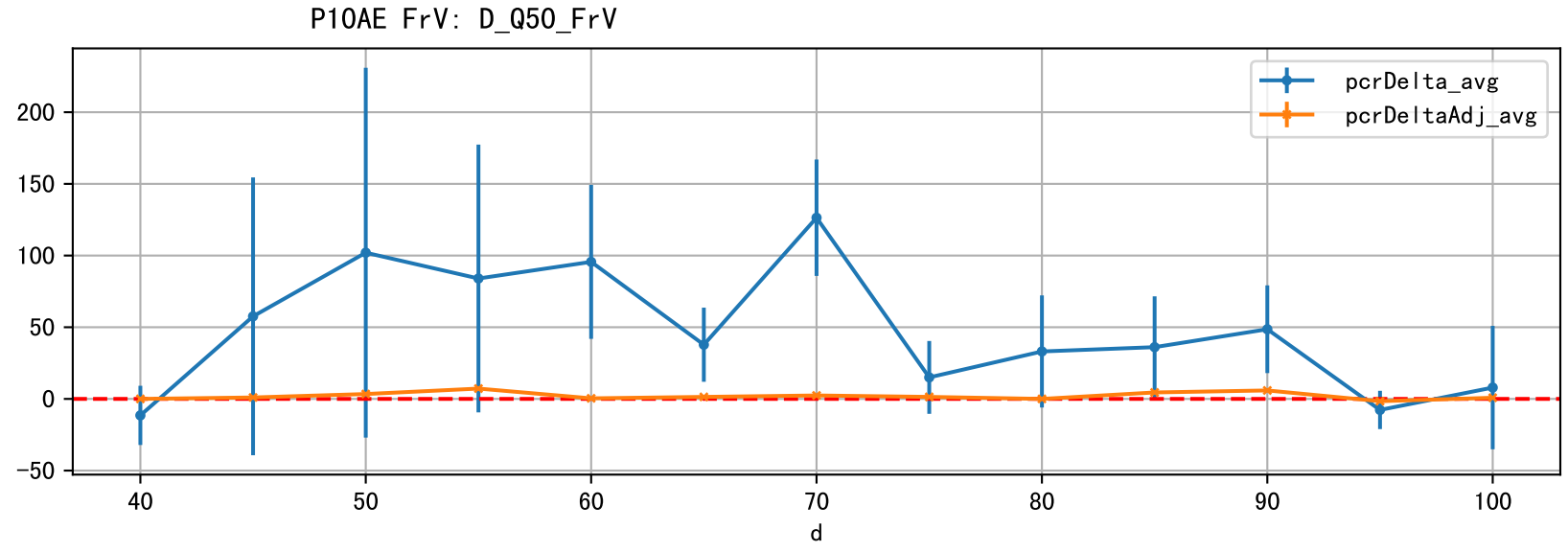

FrV: D_Fr1_FrV
organID=1
organID=2
organID=3
organID=4
organID=5
d1avg
d1aavg
age
page 29

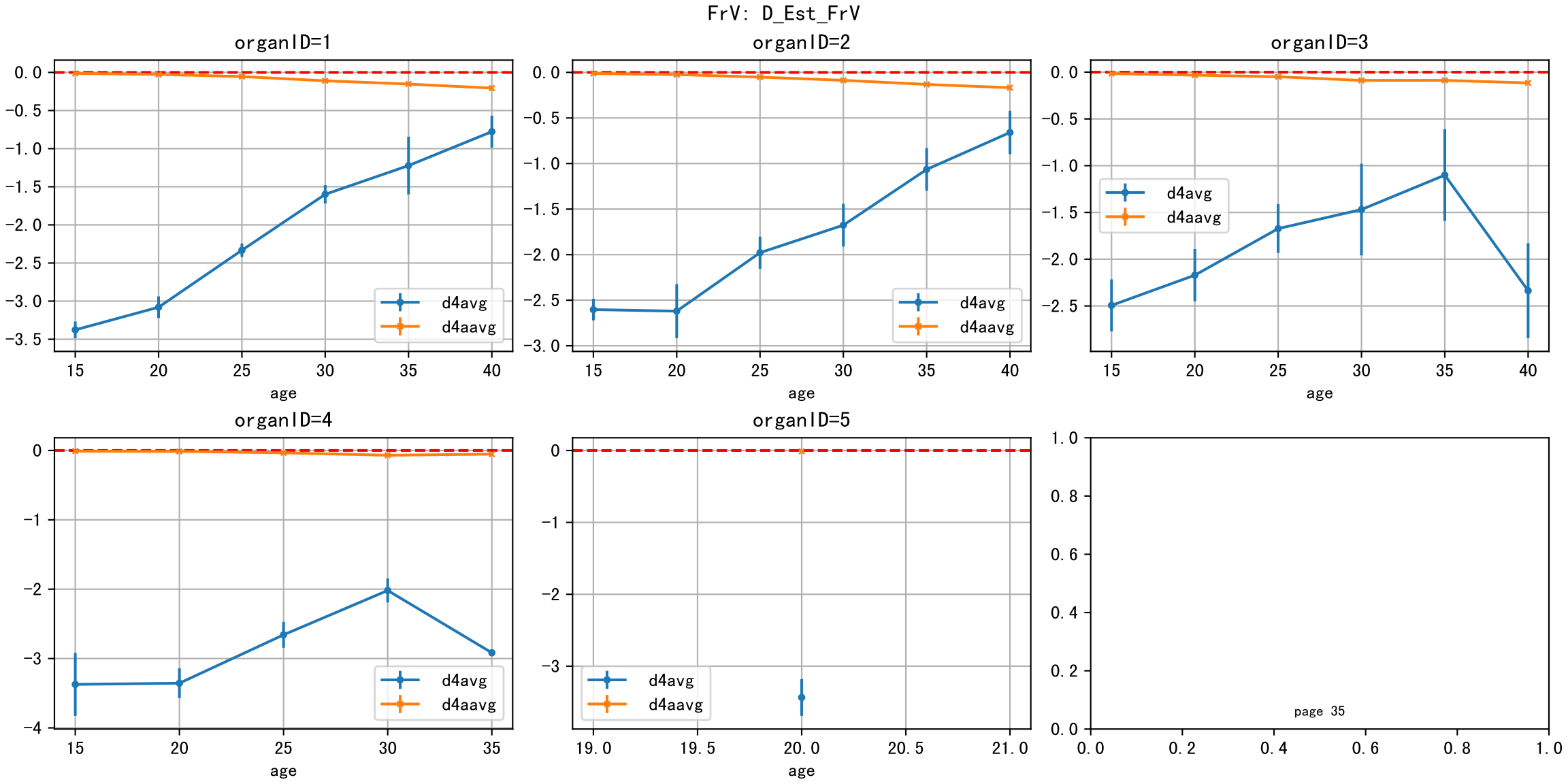

P10AE FrV: D_Fr1_FrV
400
300
200
100
0
50
60
70
80
90
d
pcrDelta_avg
pcrDeltaAdj_avg

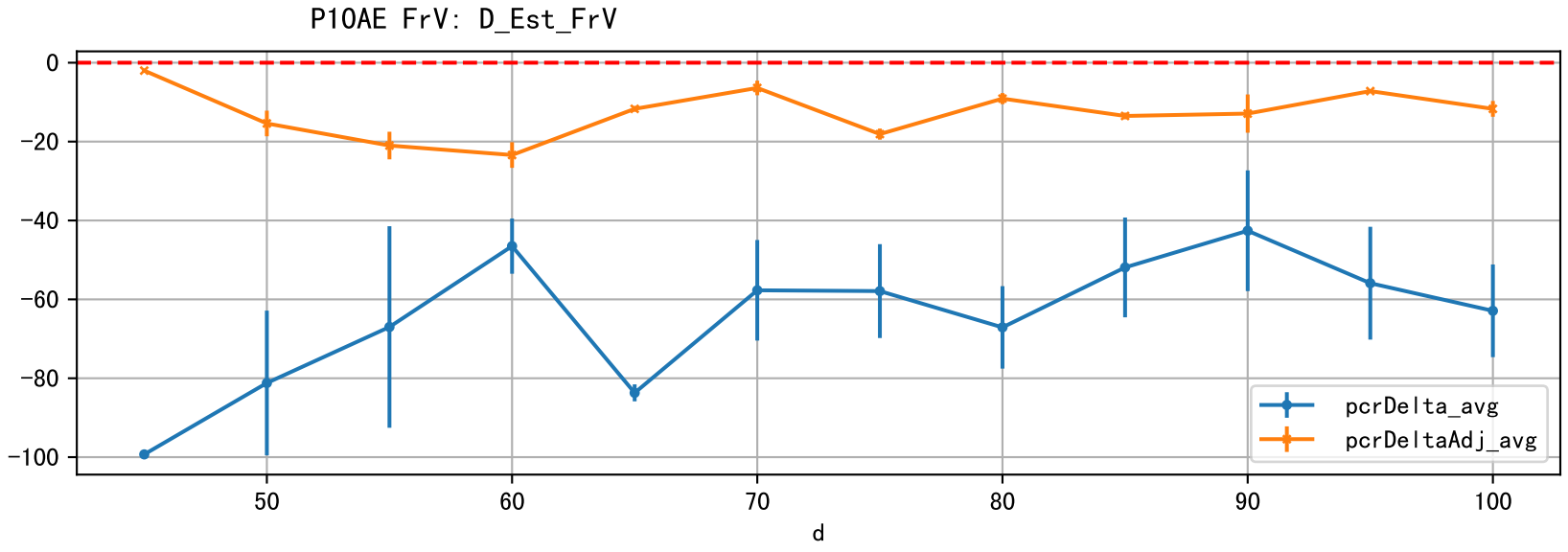

FrV: D_Ts_FrV
organID=1
organID=2
organID=3
organID=4
organID=5
d2avg
d2aavg
age
page 31

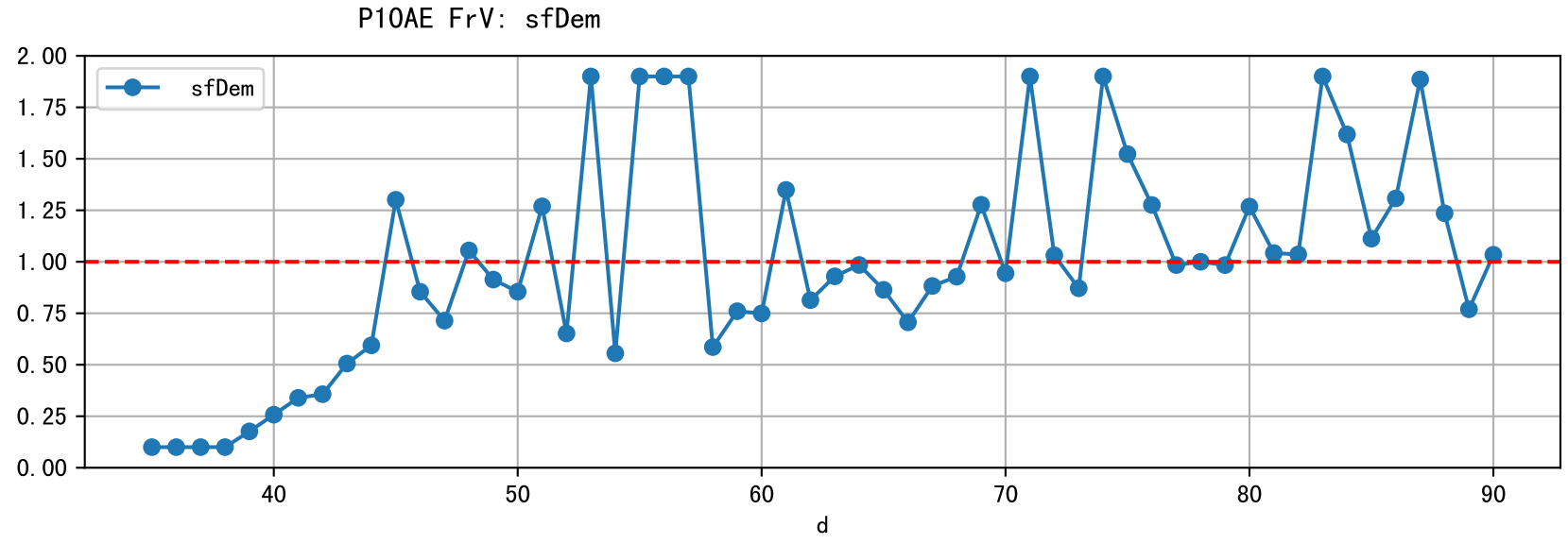

P10AE FrV: D_Ts_FrV
3000
2500
2000
1500
1000
500
0
50
60
70
80
90
d
pcrDelta_avg
pcrDeltaAdj_avg

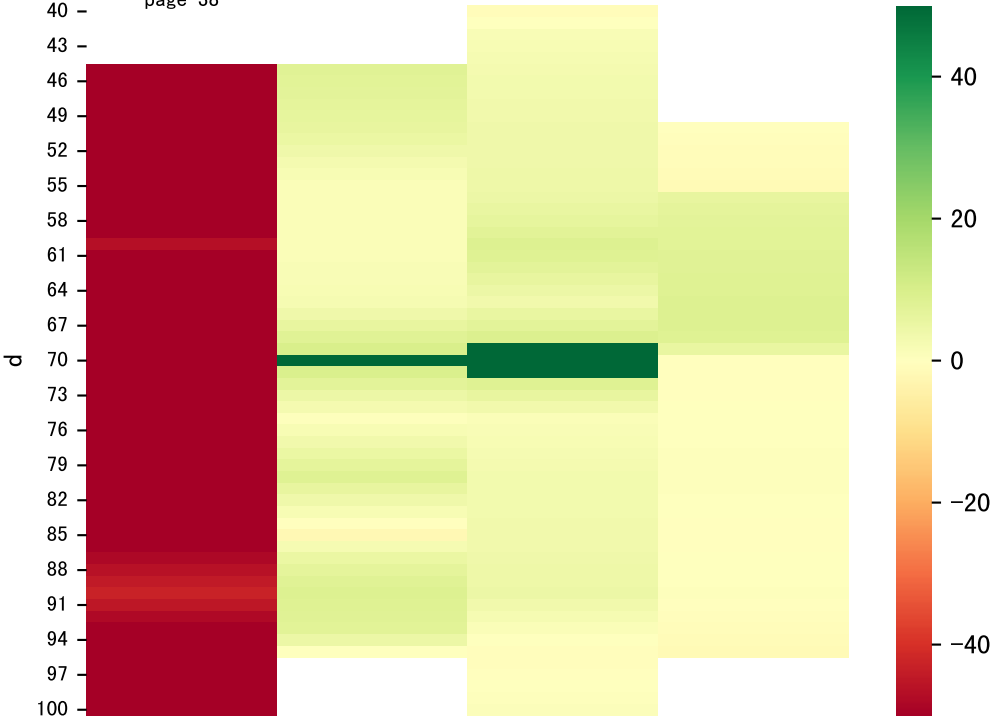

FrV: D_Q50_FrV
organID=1
organID=2
organID=3
organID=4
organID=5
d3avg
d3aavg
age
page 33

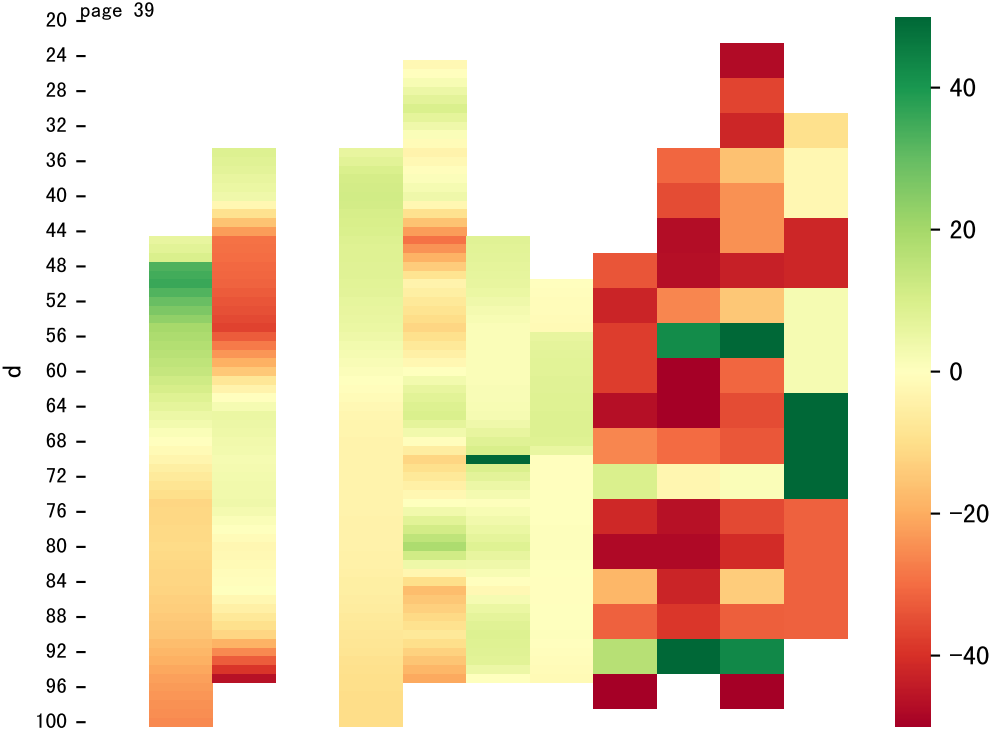

P10AE FrV: D_Q50_FrV
pcrDelta_avg
pcrDeltaAdj_avg
200
150
100
50
0
−50
40
50
60
70
80
90
100
d


FrV: D_Est_FrV
organID=1
organID=2
organID=3
organID=4
organID=5
d4avg
d4aavg
age
page 35


P10AE FrV: D_Est_FrV
0
−20
−40
−60
−80
−100
50
60
70
80
90
100
d
pcrDelta_avg
pcrDeltaAdj_avg


P10AE FrV: sfDem
sfDem
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
40
50
60
70
80
90
d


d
40
43
46
49
52
55
58
61
64
67
70
73
76
79
82
85
88
91
94
97
100
40
20
0
−20
−40


d
20
24
28
32
36
40
44
48
52
56
60
64
68
72
76
80
84
88
92
96
100
40
20
0
−20
−40