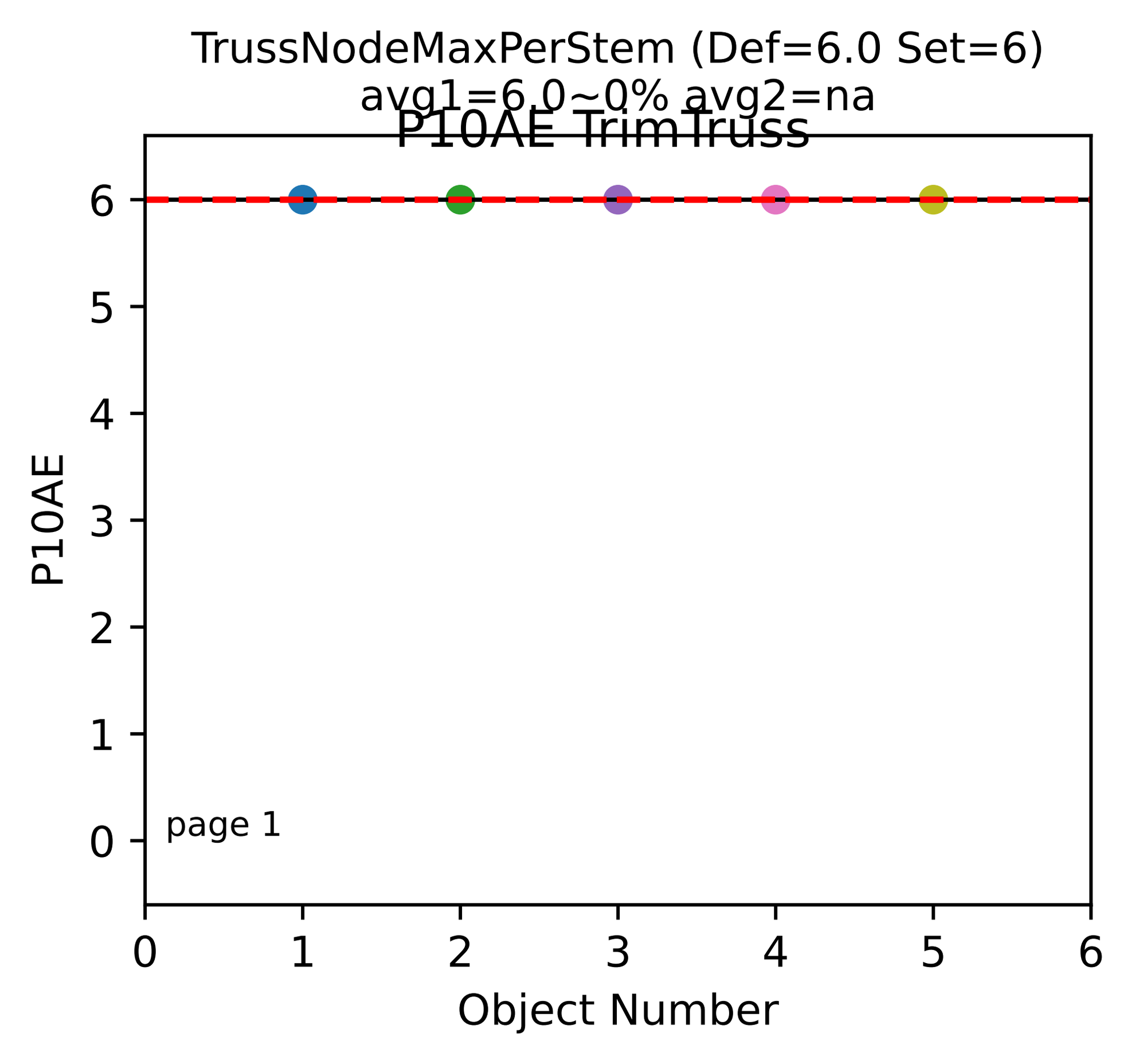
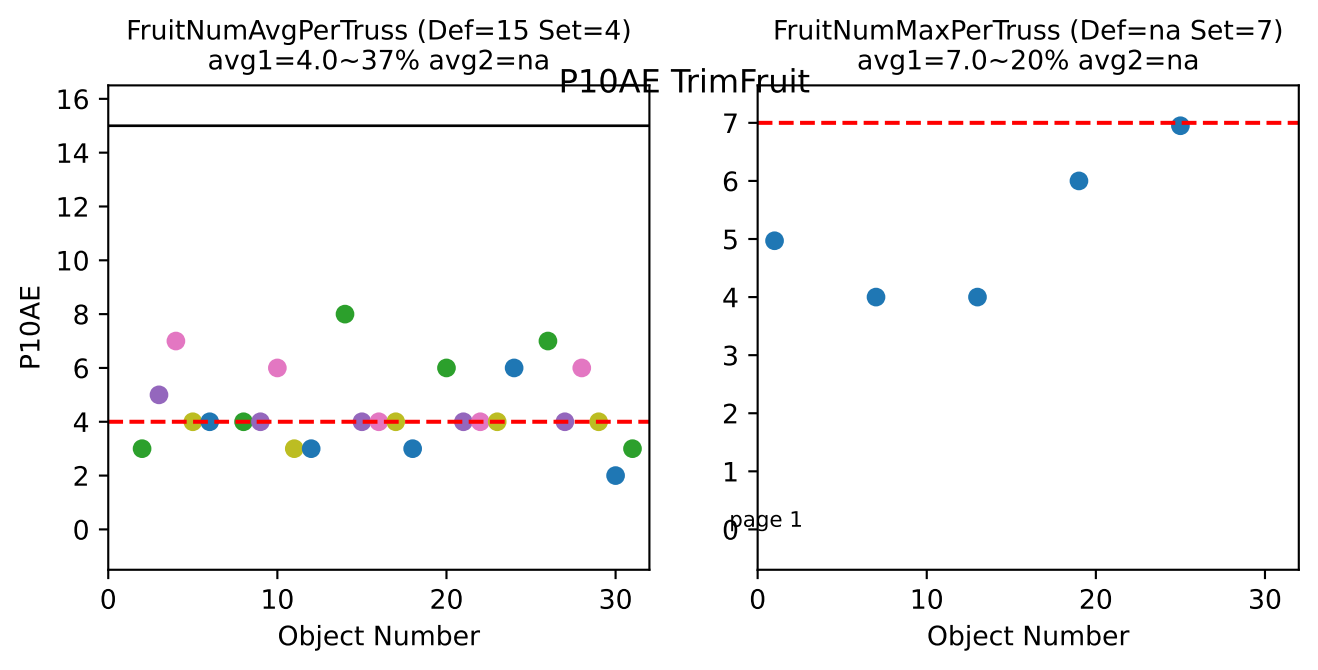
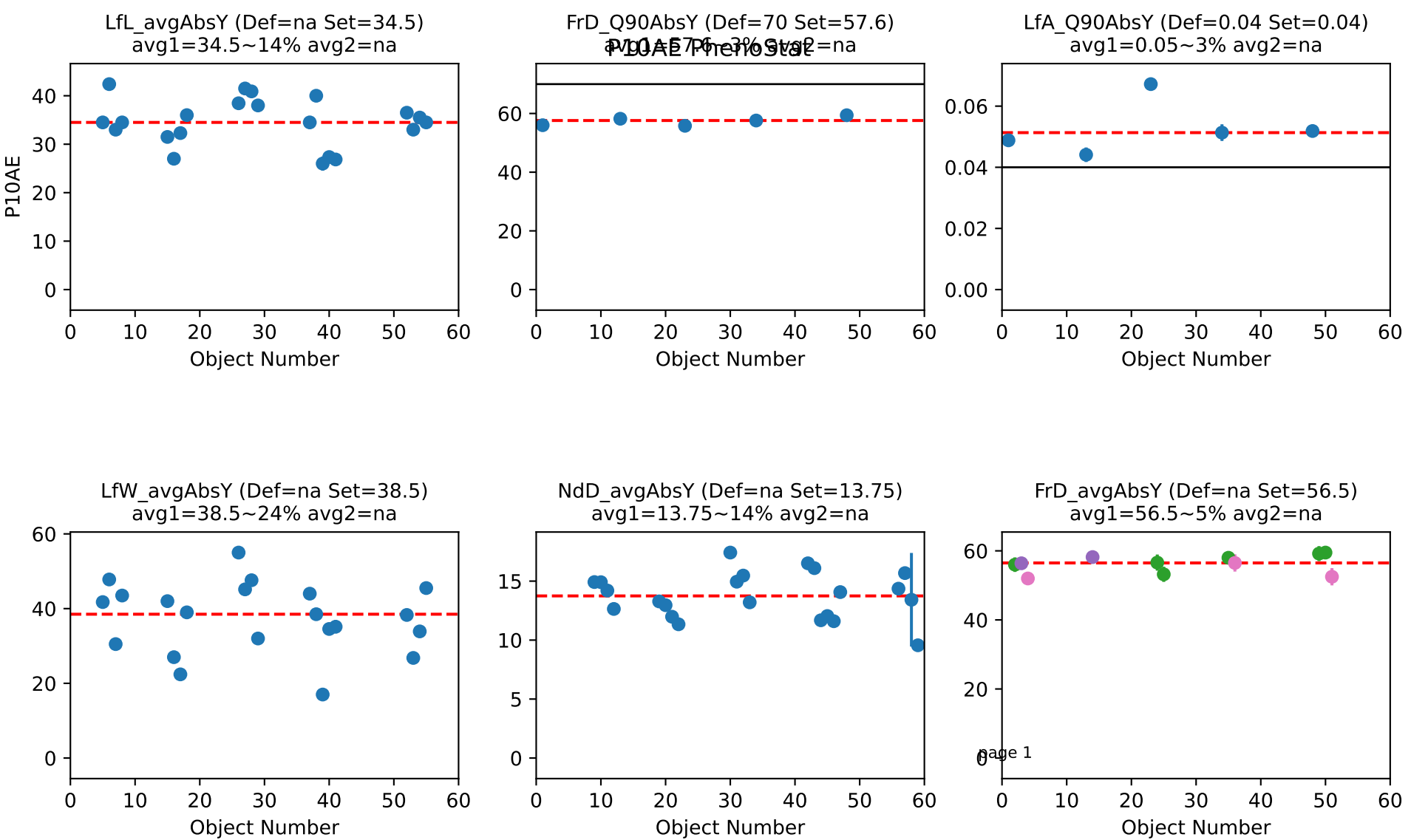
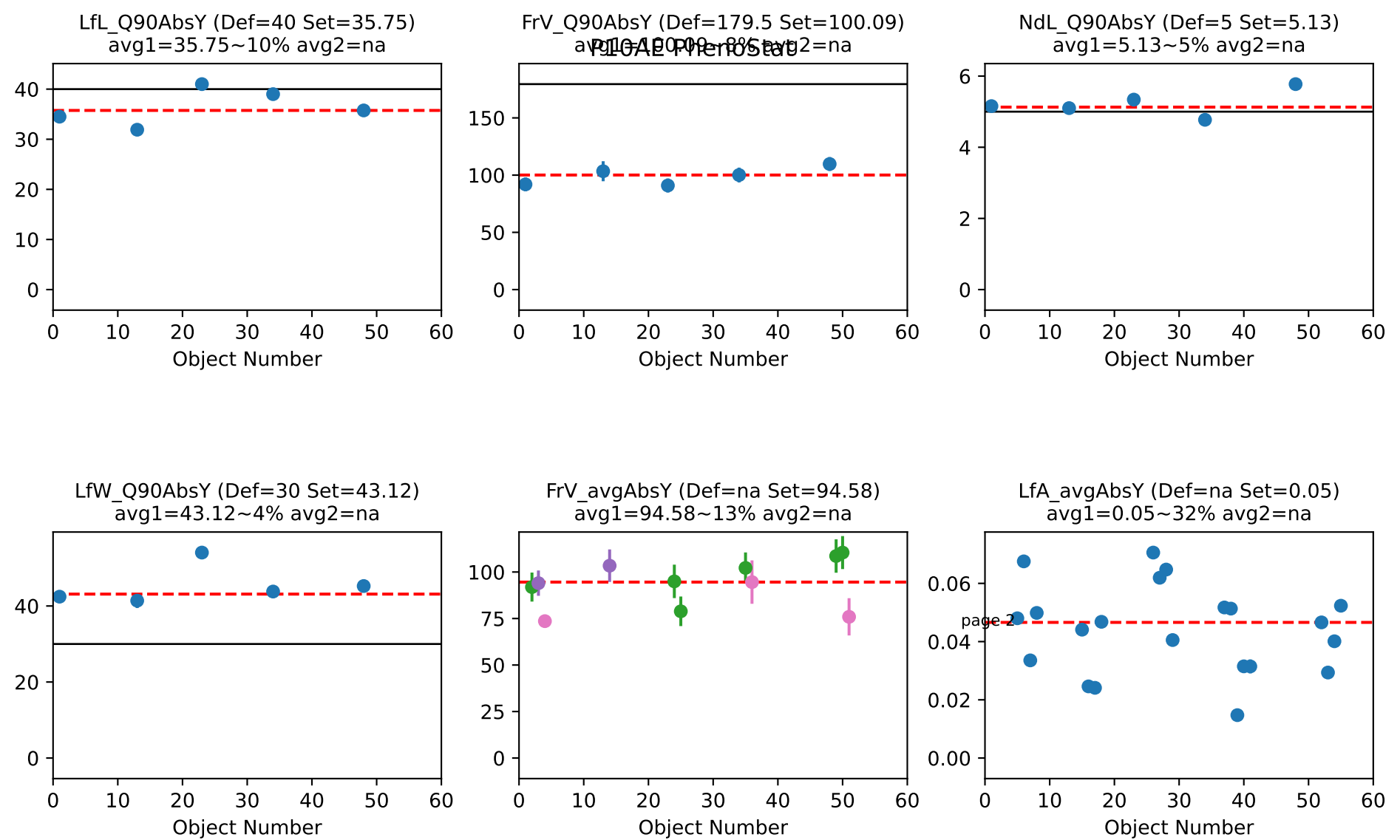
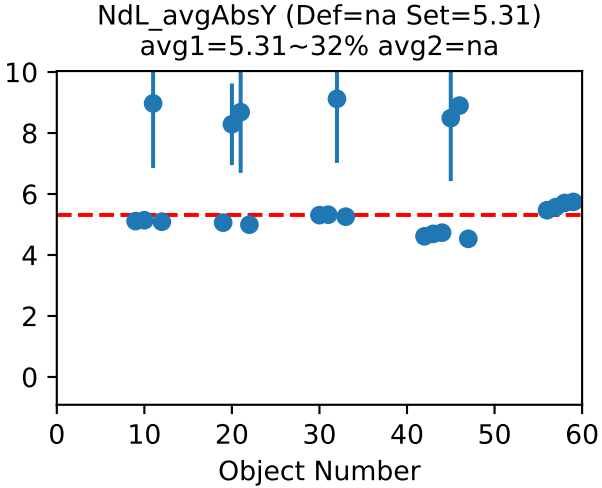
Phenotype Data Analysis Plots
PhenoData day range = 10 - 70
Analysis cutoff day = 70
NC11 P10
2025-06-10 (Day 71)

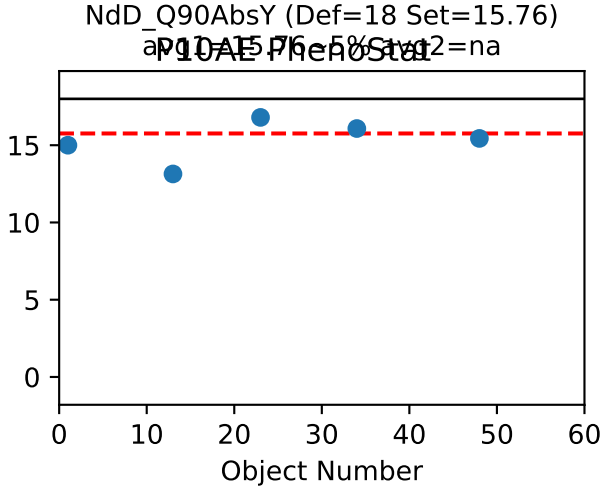

TrussNodeMaxPerStem (Def=6.0 Set=6)
avg1=6.0~0% avg2=na
P10AE TrimTruss
P10AE
Object Number
page 1
0
1
2
3
4
5
6

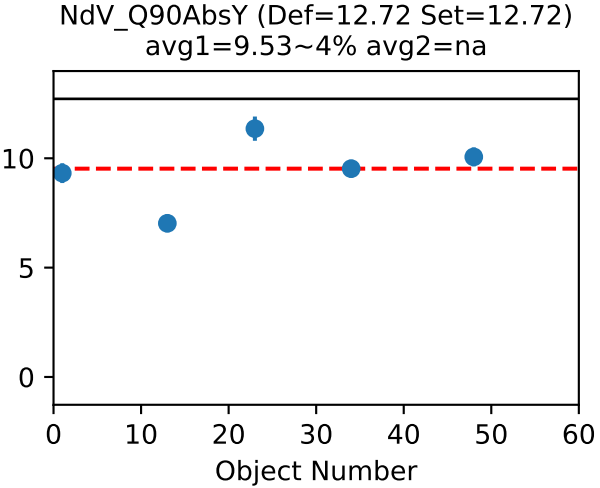

FruitNumAvgPerTruss (Def=15 Set=4)
avg1=4.0~37% avg2=na
P10AE TrimFruit
FruitNumMaxPerTruss (Def=na Set=7)
avg1=7.0~20% avg2=na
P10AE
Object Number
Object Number
page 1

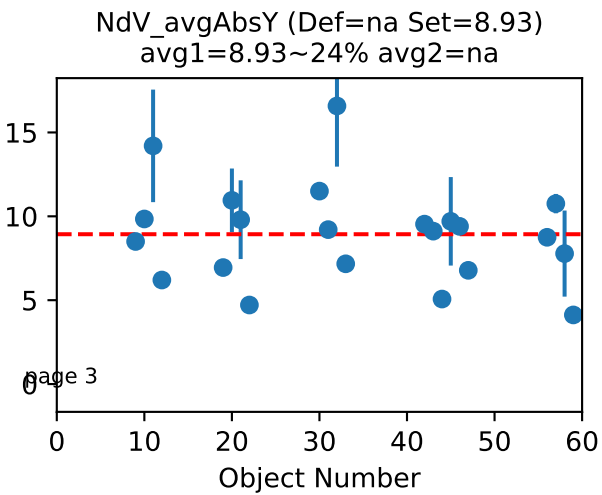

LfL_avgAbsY (Def=na Set=34.5)
avg1=34.5~14% avg2=na
P10AE
Object Number
FrD_Q90AbsY (Def=70 Set=57.6)
avg1=57.6~3% avg2=na
P10AE Thermostat
Object Number
LfA_Q90AbsY (Def=0.04 Set=0.04)
avg1=0.05~3% avg2=na
Object Number
LfW_avgAbsY (Def=na Set=38.5)
avg1=38.5~24% avg2=na
Object Number
NdD_avgAbsY (Def=na Set=13.75)
avg1=13.75~14% avg2=na
Object Number
FrD_avgAbsY (Def=na Set=56.5)
avg1=56.5~5% avg2=na
page 1
Object Number

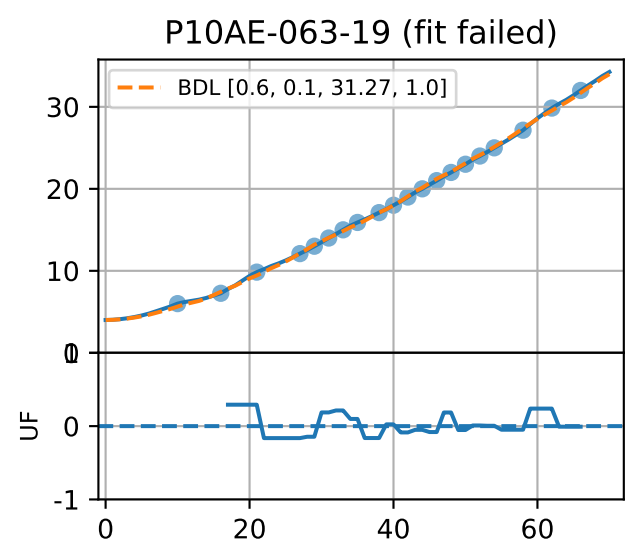

LfL_Q90AbsY (Def=40 Set=35.75)
avg1=35.75~10% avg2=na
FrV_Q90AbsY (Def=179.5 Set=100.09)
avg1=100.09~8% avg2=na
NdL_Q90AbsY (Def=5 Set=5.13)
avg1=5.13~5% avg2=na
LfW_Q90AbsY (Def=30 Set=43.12)
avg1=43.12~4% avg2=na
FrV_avgAbsY (Def=na Set=94.58)
avg1=94.58~13% avg2=na
LfA_avgAbsY (Def=na Set=0.05)
avg1=0.05~32% avg2=na
Object Number
page 2

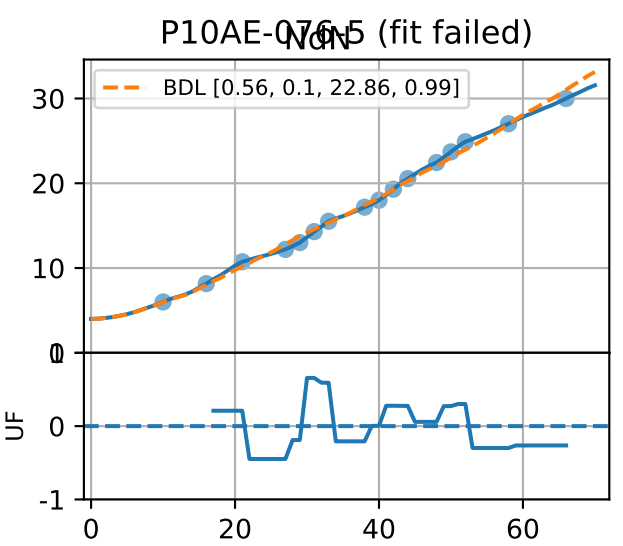

NdL_avgAbsY (Def=na Set=5.31)
avg1=5.31~32% avg2=na
Object Number

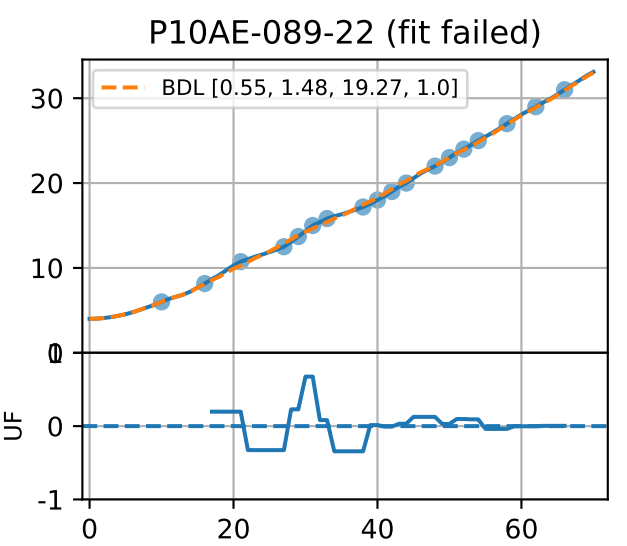

NdD_Q90AbsY (Def=18 Set=15.76)
avg1=15.76~5% avg2=na
Object Number

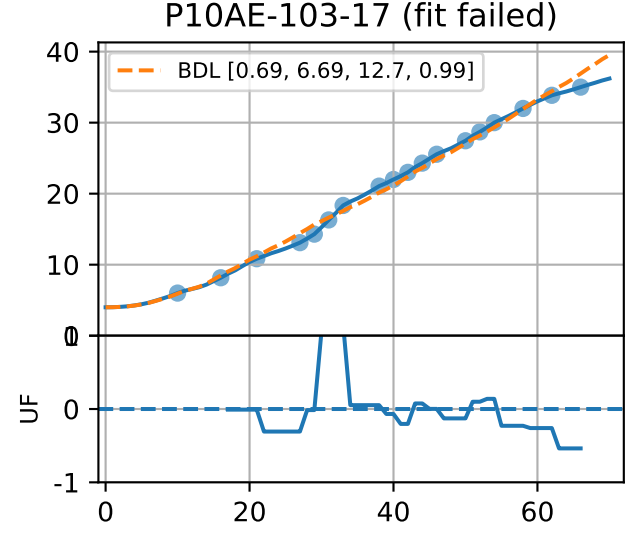

NdV_Q90AbsY (Def=12.72 Set=12.72)
avg1=9.53~4% avg2=na
Object Number

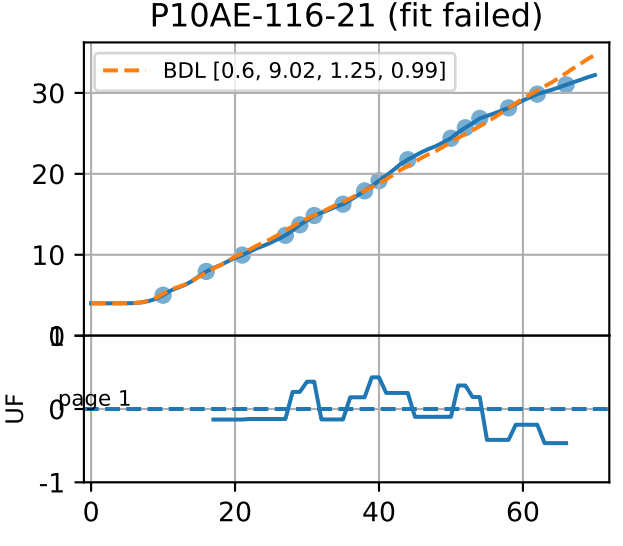

NdV_avgAbsY (Def=na Set=8.93)
avg1=8.93~24% avg2=na
Object Number

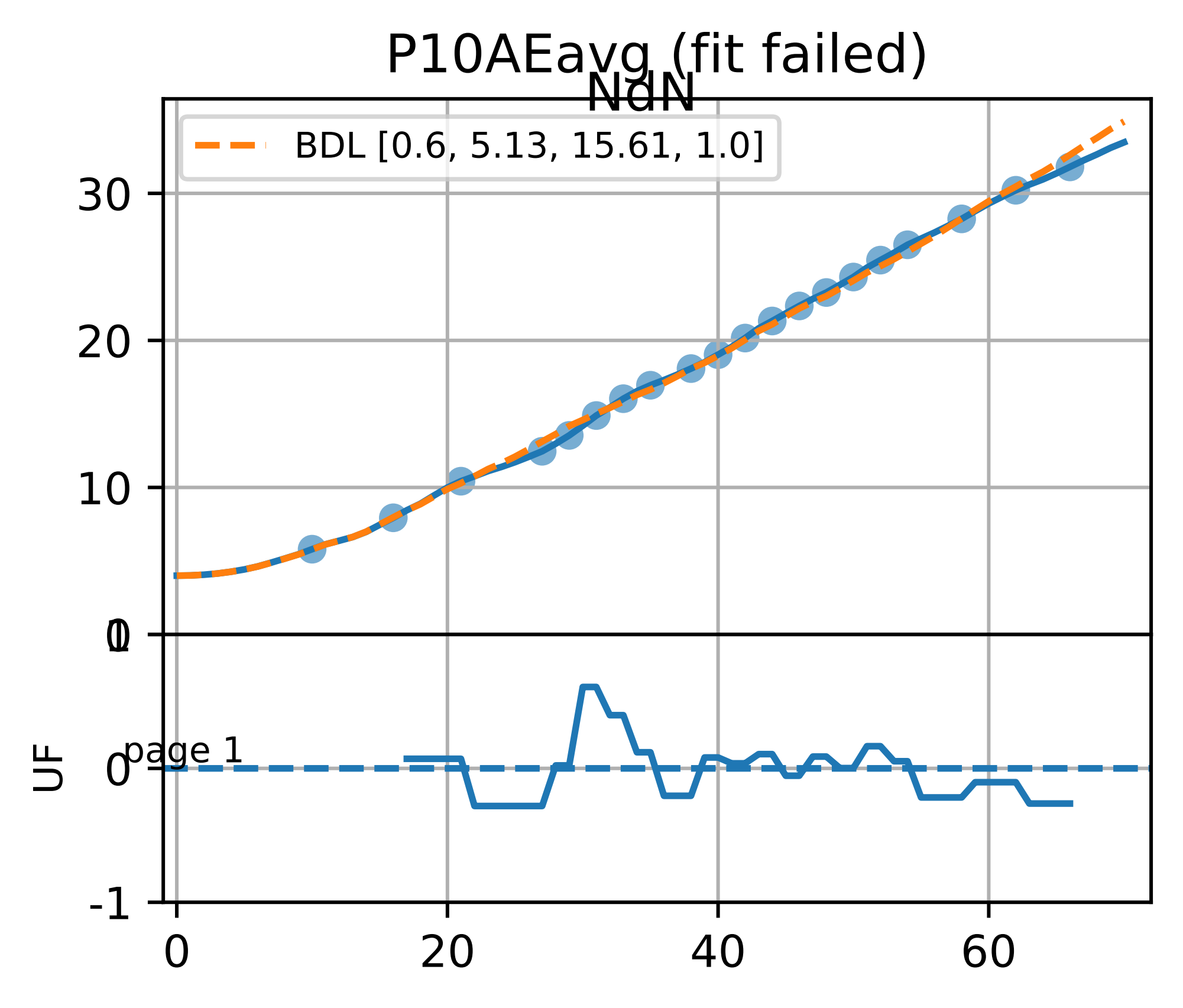

P10AE-063-19 (fit failed)
BDL [0.6, 0.1, 31.27, 1.0]
UF

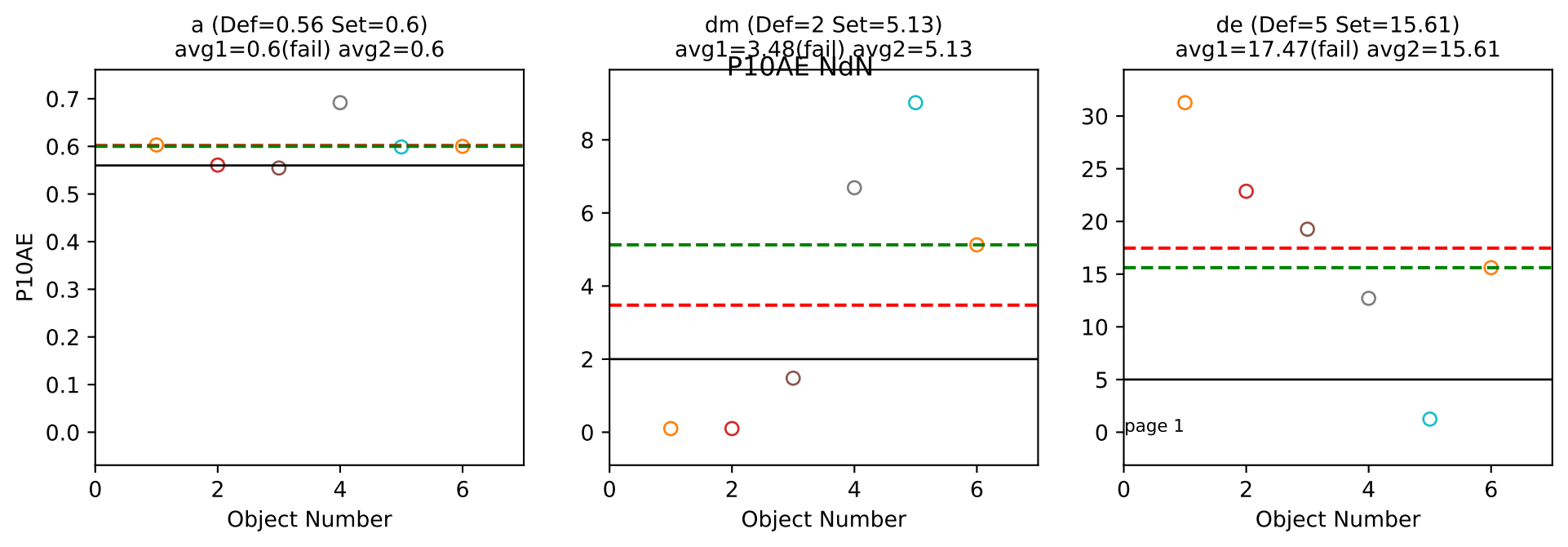

P10AE-076-5 (fit failed)
BDL [0.56, 0.1, 22.86, 0.99]
UF

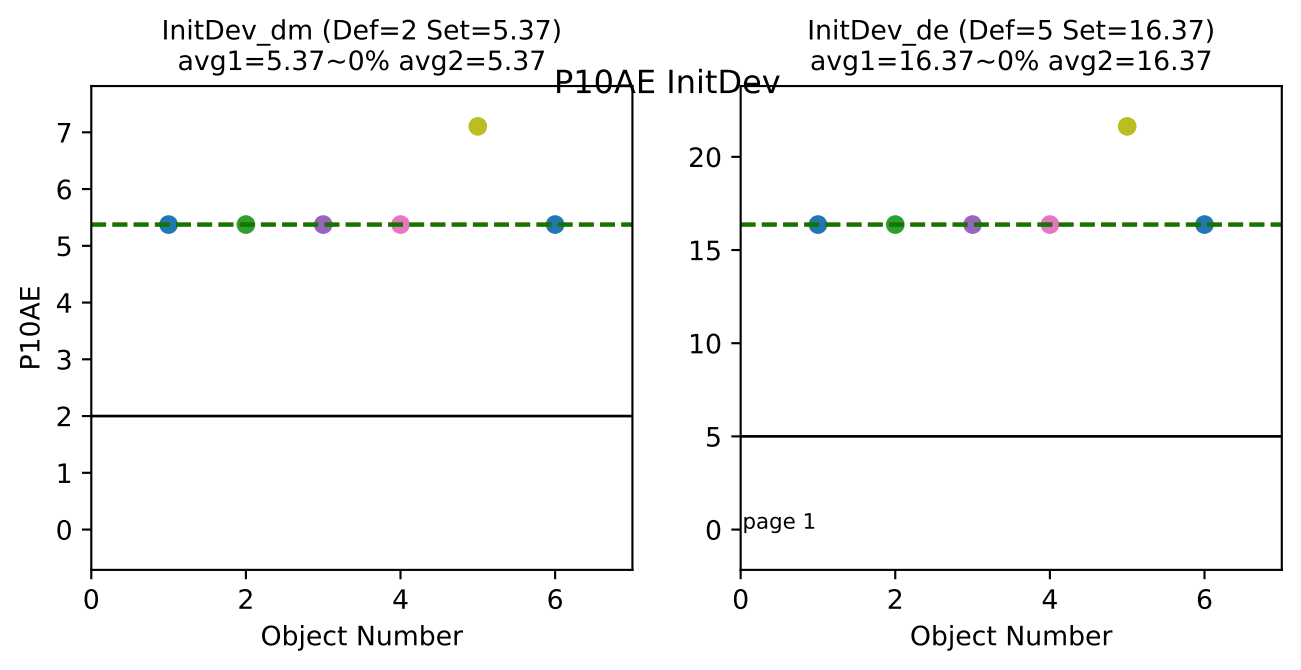

P10AE-089-22 (fit failed)
BDL [0.55, 1.48, 19.27, 1.0]
UF

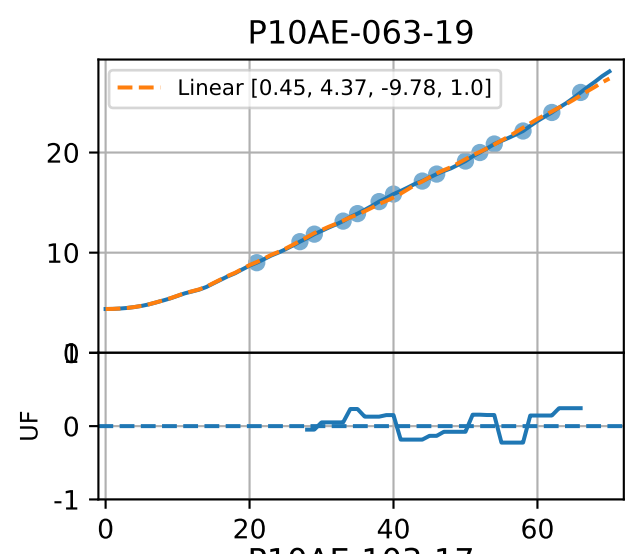

P10AE-103-17 (fit failed)
BDL [0.69, 6.69, 12.7, 0.99]
UF

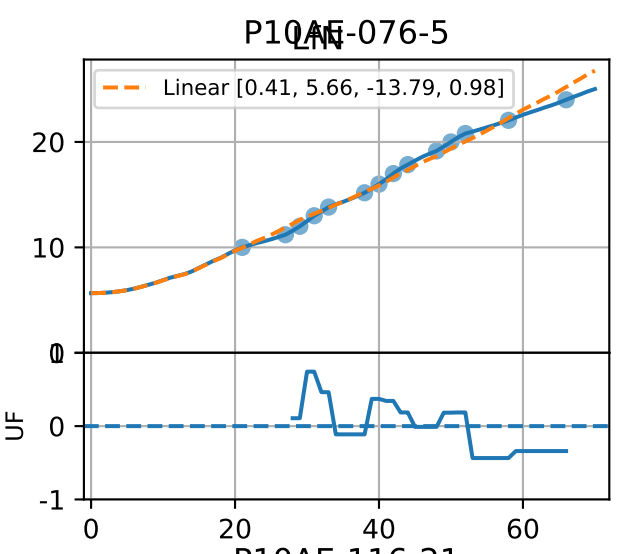

P10AE-116-21 (fit failed)
BDL [0.6, 9.02, 1.25, 0.99]
UF

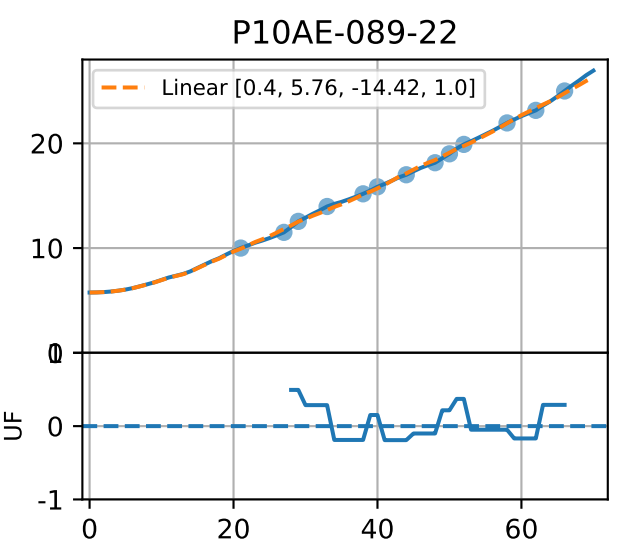

P10AEavg (fit failed)
NdN
BDL [0.6, 5.13, 15.61, 1.0]
30
20
10
0
0
UF
page 1
-1
0
20
40
60

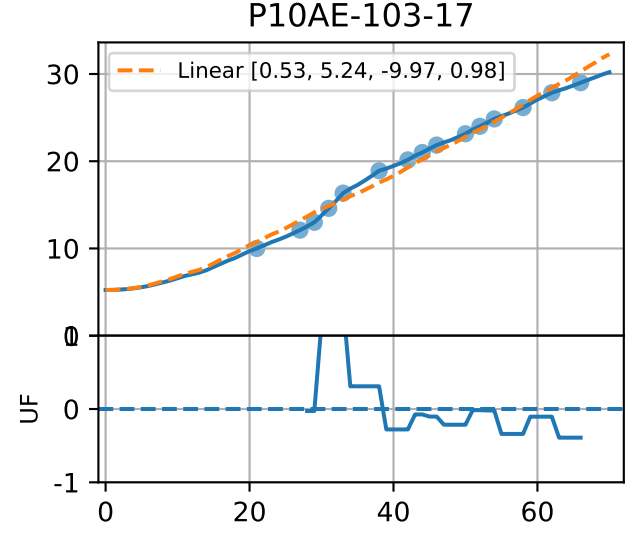

a (Def=0.56 Set=0.6)
avg1=0.6(fail) avg2=0.6
dm (Def=2 Set=5.13)
avg1=3.48(fail) avg2=5.13
de (Def=5 Set=15.61)
avg1=17.47(fail) avg2=15.61
P10AE NdN
P10AE
Object Number
Object Number
Object Number
page 1

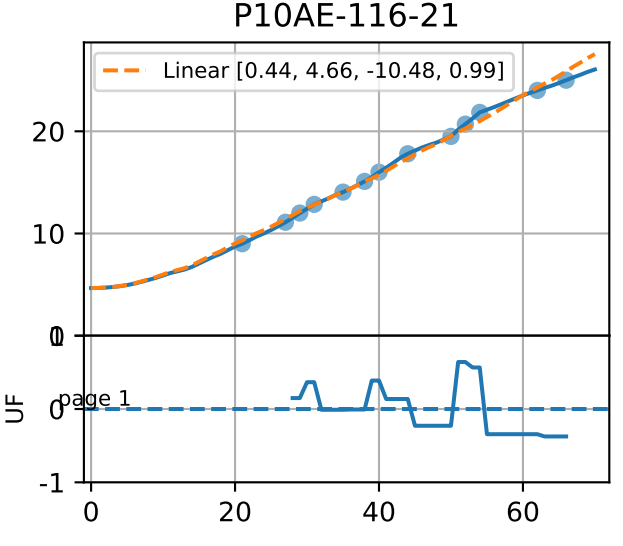

InitDev_dm (Def=2 Set=5.37)
avg1=5.37~0% avg2=5.37
P10AE InitDev
InitDev_de (Def=5 Set=16.37)
avg1=16.37~0% avg2=16.37
P10AE
Object Number
Object Number
page 1

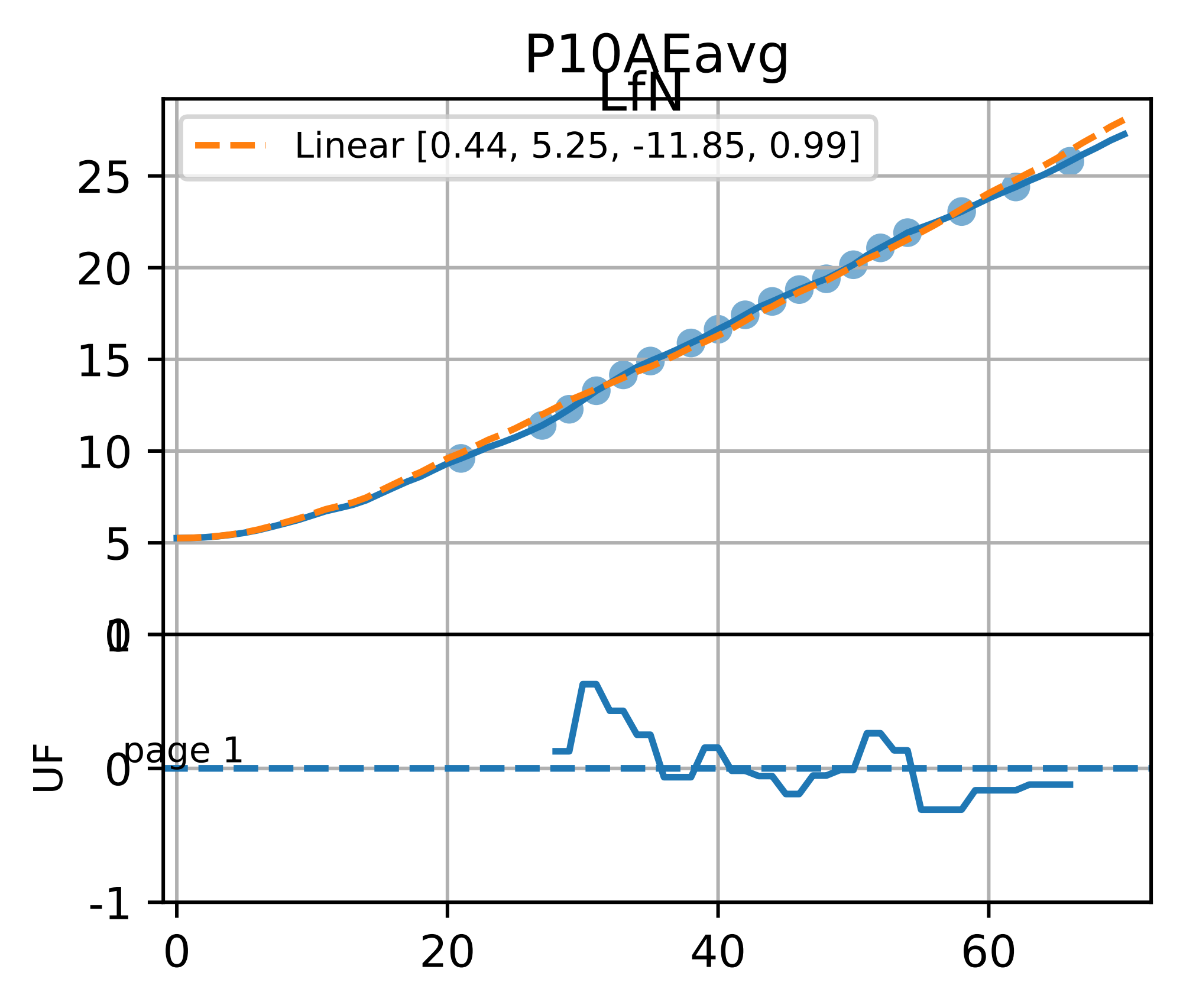

P10AE-063-19
Linear [0.45, 4.37, -9.78, 1.0]
UF

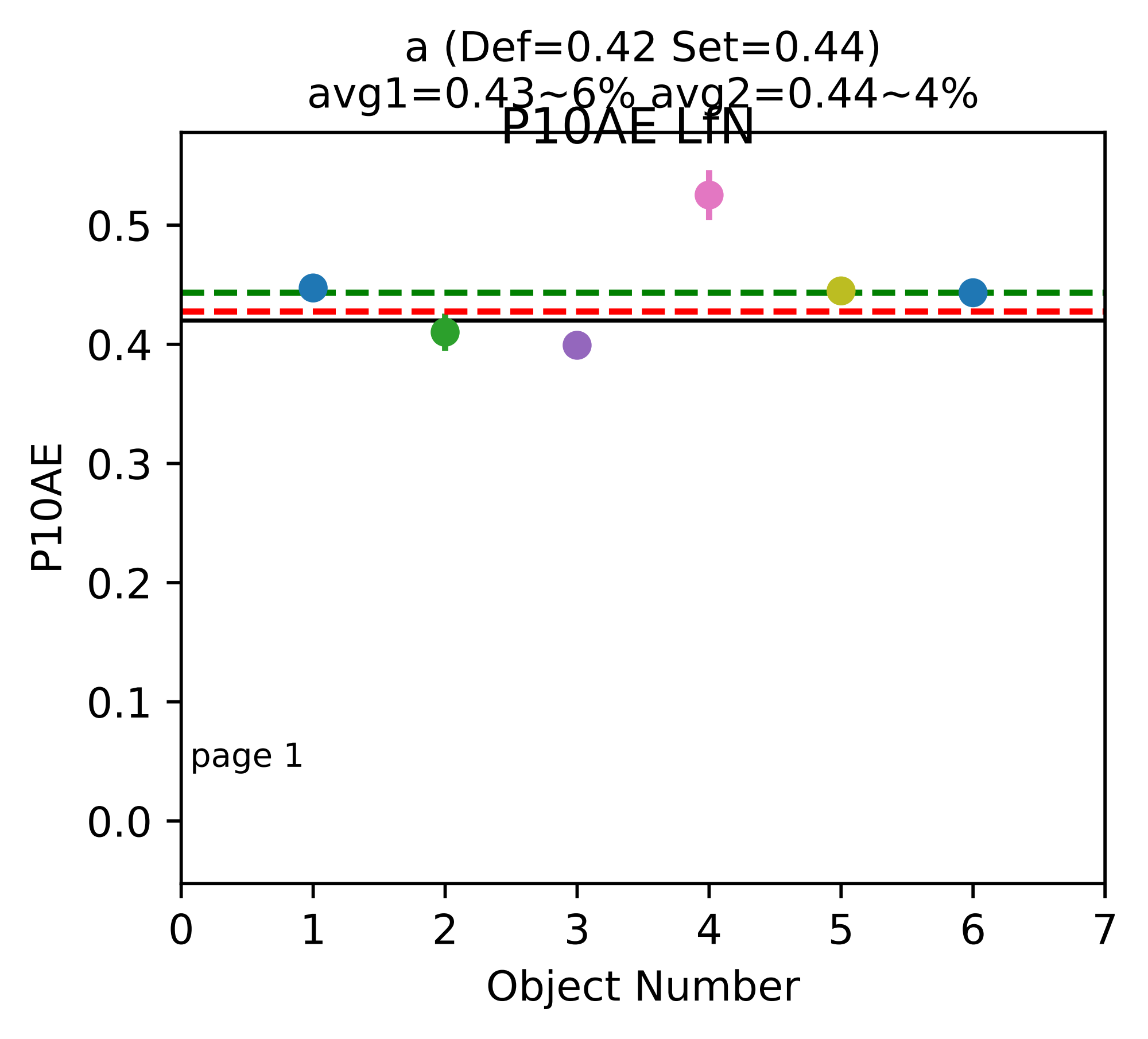

P10AE-076-5
Linear [0.41, 5.66, -13.79, 0.98]
UF


P10AE-089-22
Linear [0.4, 5.76, -14.42, 1.0]
UF

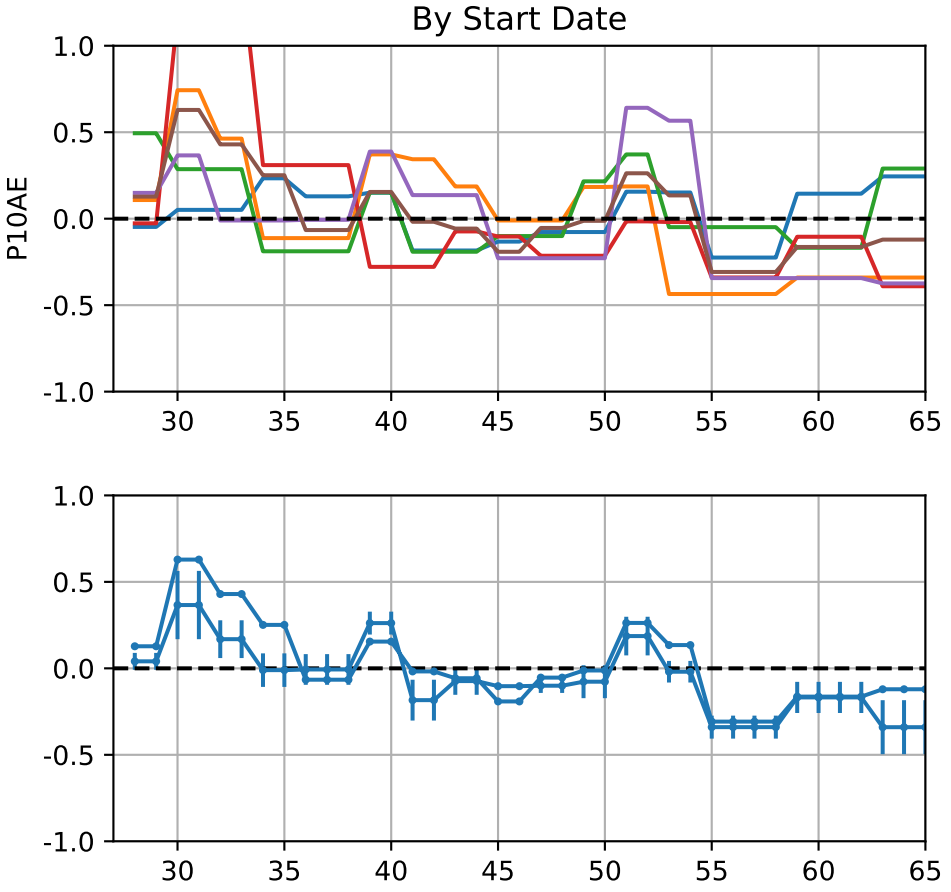

P10AE-103-17
Linear [0.53, 5.24, -9.97, 0.98]
UF

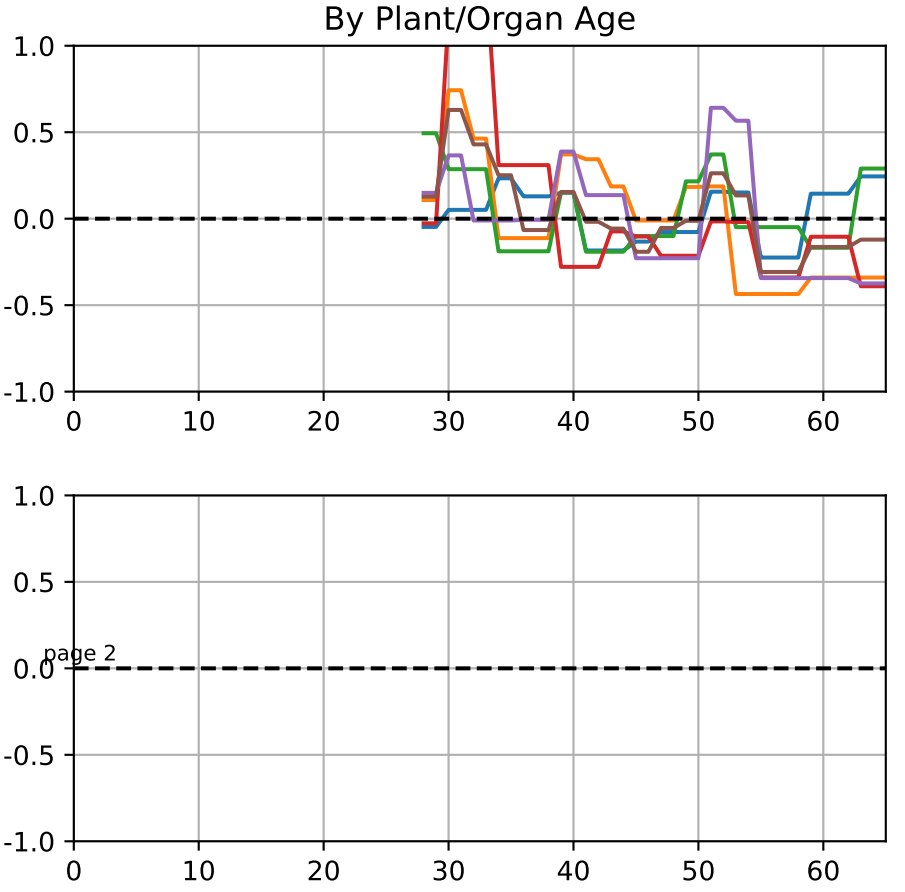

P10AE-116-21
Linear [0.44, 4.66, -10.48, 0.99]
UF

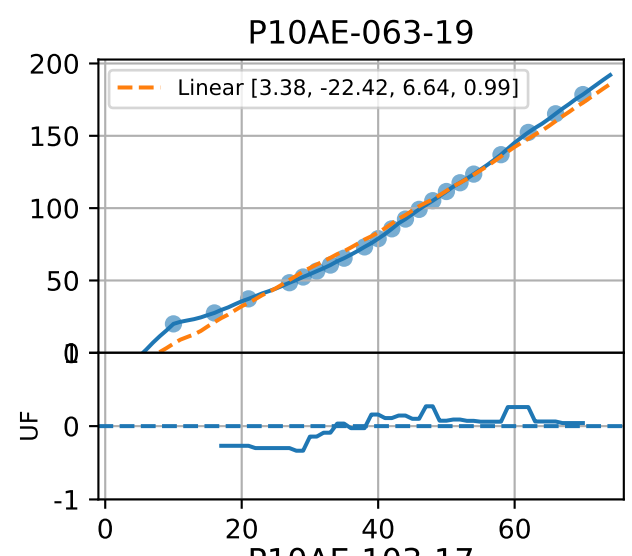

P10AEavg
LfN
Linear [0.44, 5.25, -11.85, 0.99]
25
20
15
10
5
0
0
UF
0
-1
page 1
0
20
40
60

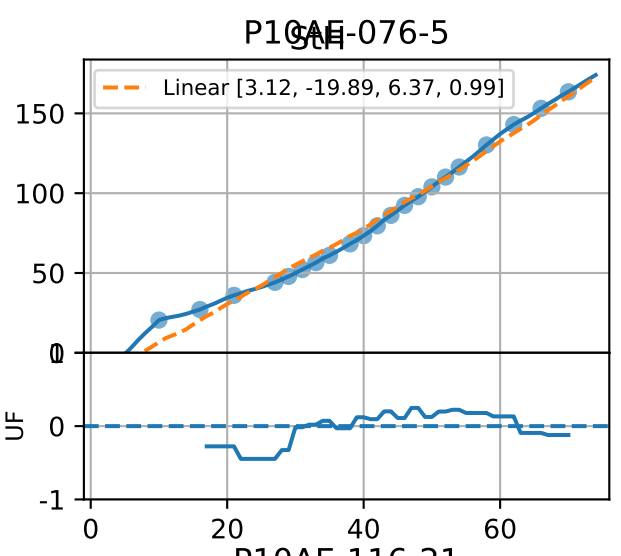

a (Def=0.42 Set=0.44)
avg1=0.43~6% avg2=0.44~4%
P10AE LfN
P10AE
0.0
0.1
0.2
0.3
0.4
0.5
page 1
0
1
2
3
4
5
6
7
Object Number

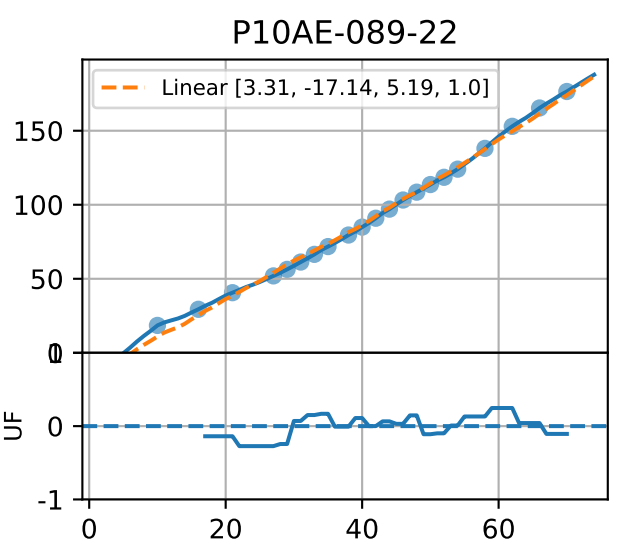
LfN

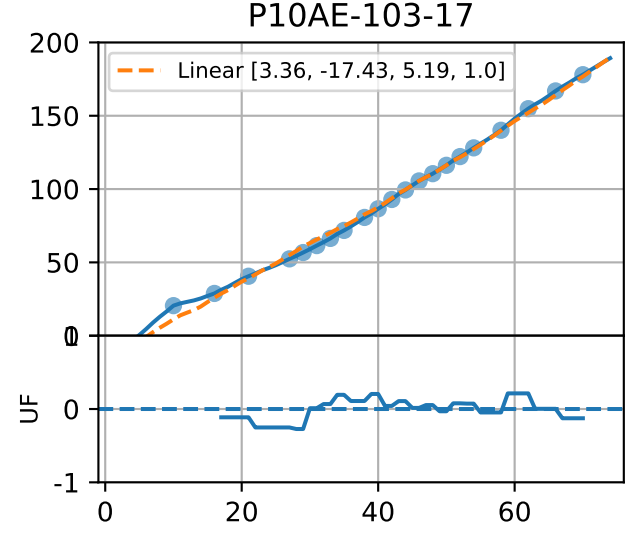

By Start Date
P10AE
1.0
0.5
0.0
-0.5
-1.0
30
35
40
45
50
55
60
65

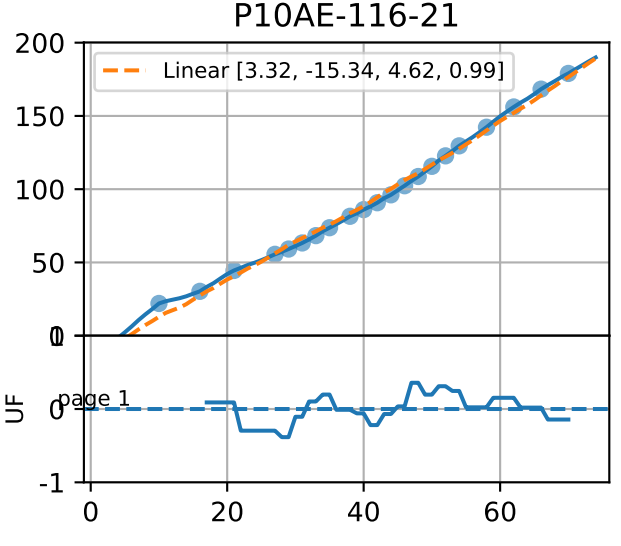

By Plant/Organ Age
1.0
0.5
0.0
-0.5
-1.0
0
10
20
30
40
50
60

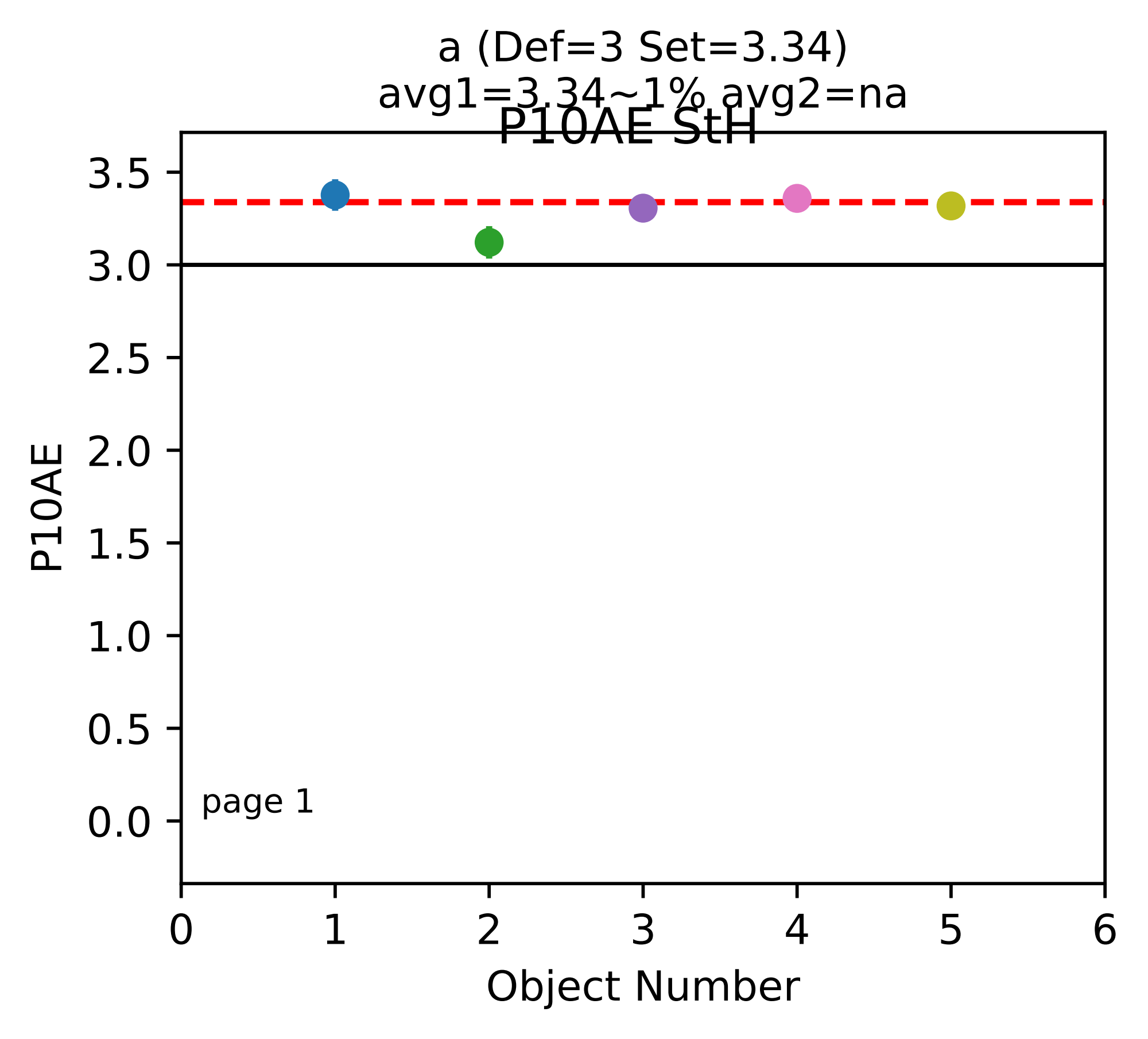

P10AE-063-19
Linear [3.38, -22.42, 6.64, 0.99]
UF

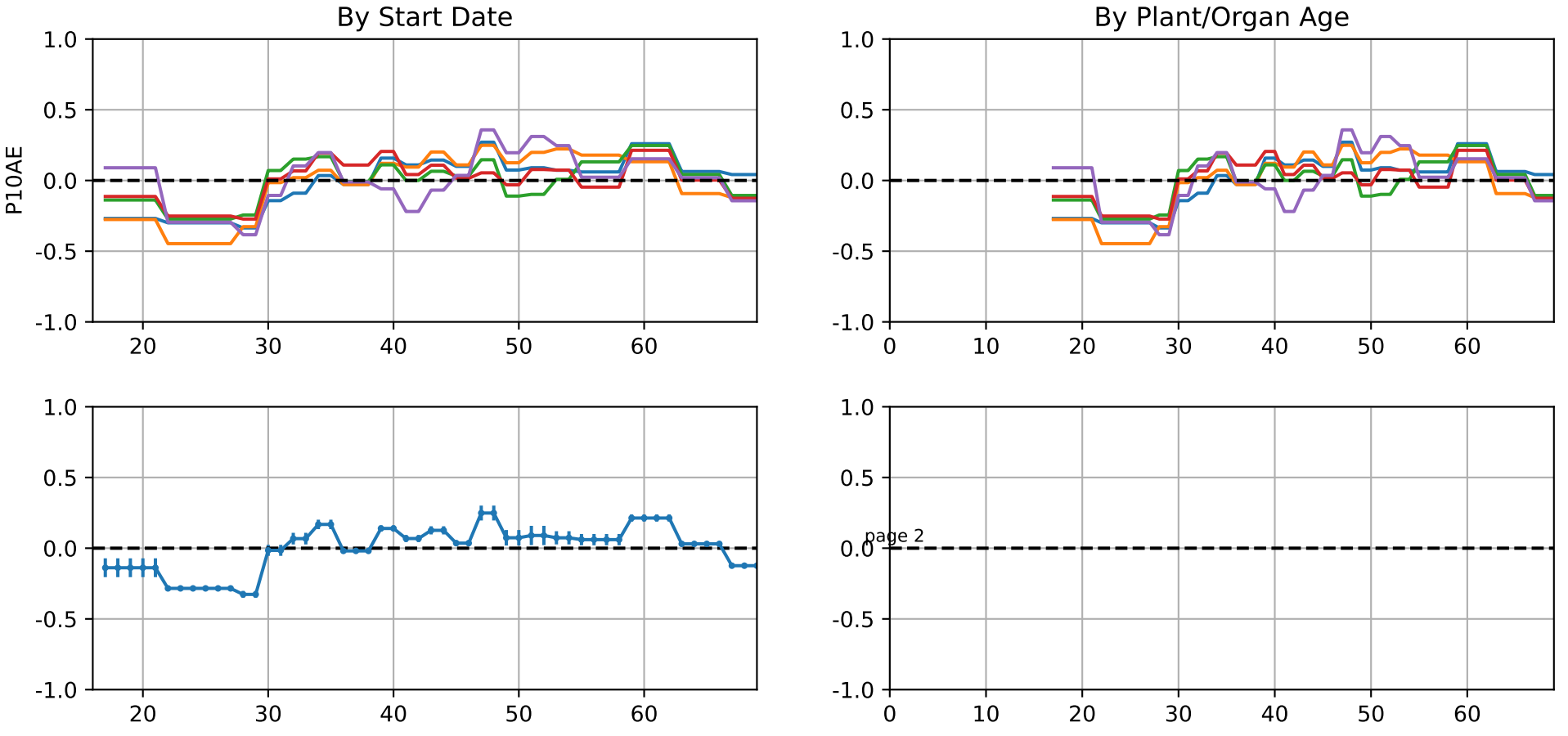

P10AE-076-5
Linear [3.12, -19.89, 6.37, 0.99]
UF

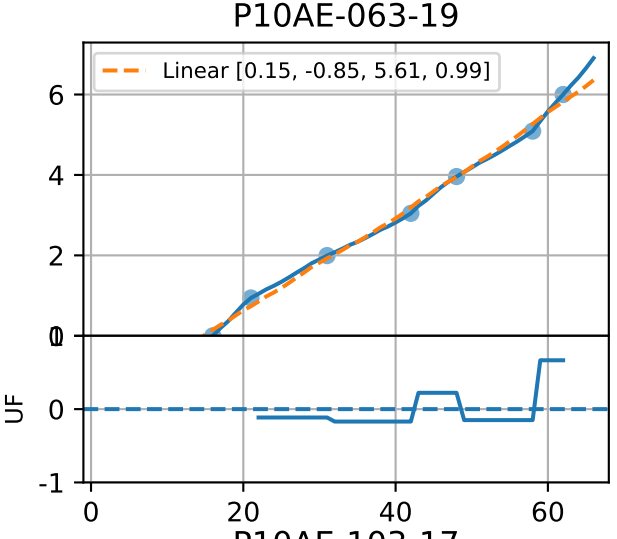

P10AE-089-22
Linear [3.31, -17.14, 5.19, 1.0]
UF

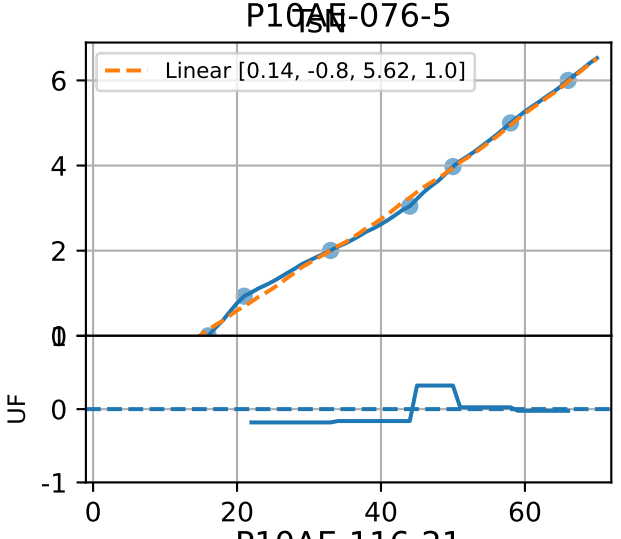

P10AE-103-17
Linear [3.36, -17.43, 5.19, 1.0]
UF

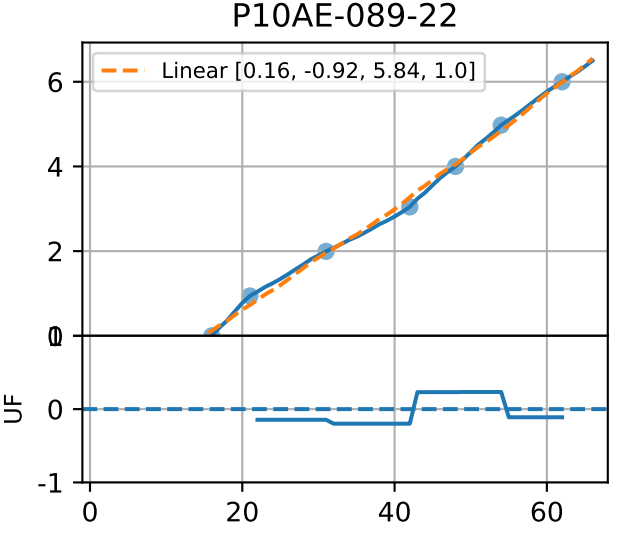

P10AE-116-21
Linear [3.32, -15.34, 4.62, 0.99]
UF

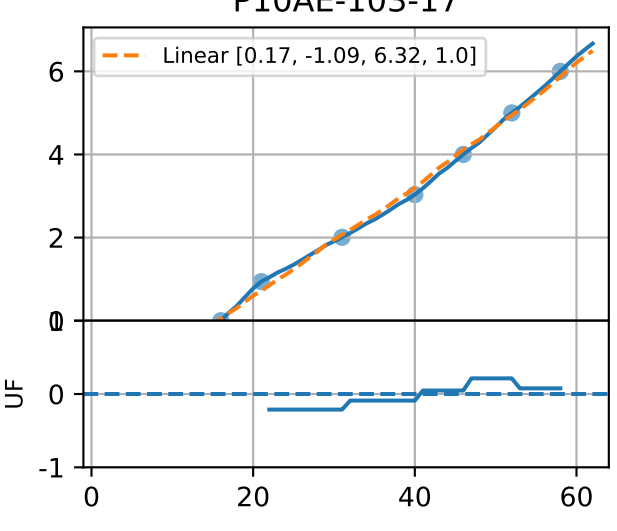

a (Def=3 Set=3.34)
avg1=3.34~1% avg2=na
P10AE StH
P10AE
Object Number
page 1
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
0
1
2
3
4
5
6

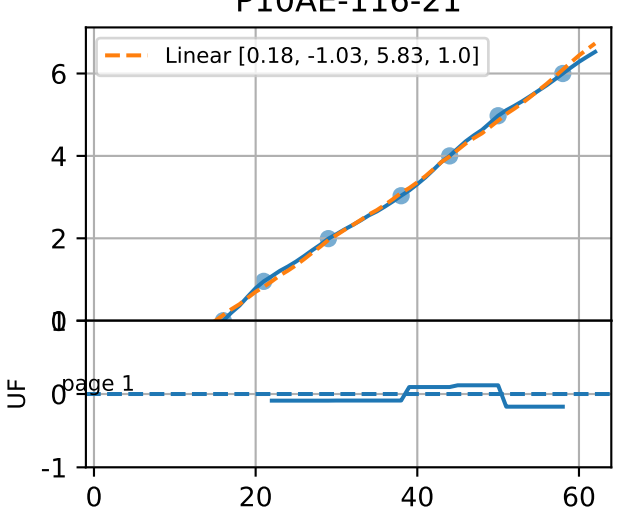

By Start Date
By Plant/Organ Age
P10AE
1.0
0.5
0.0
-0.5
-1.0
20
30
40
50
60
0
10
page 2

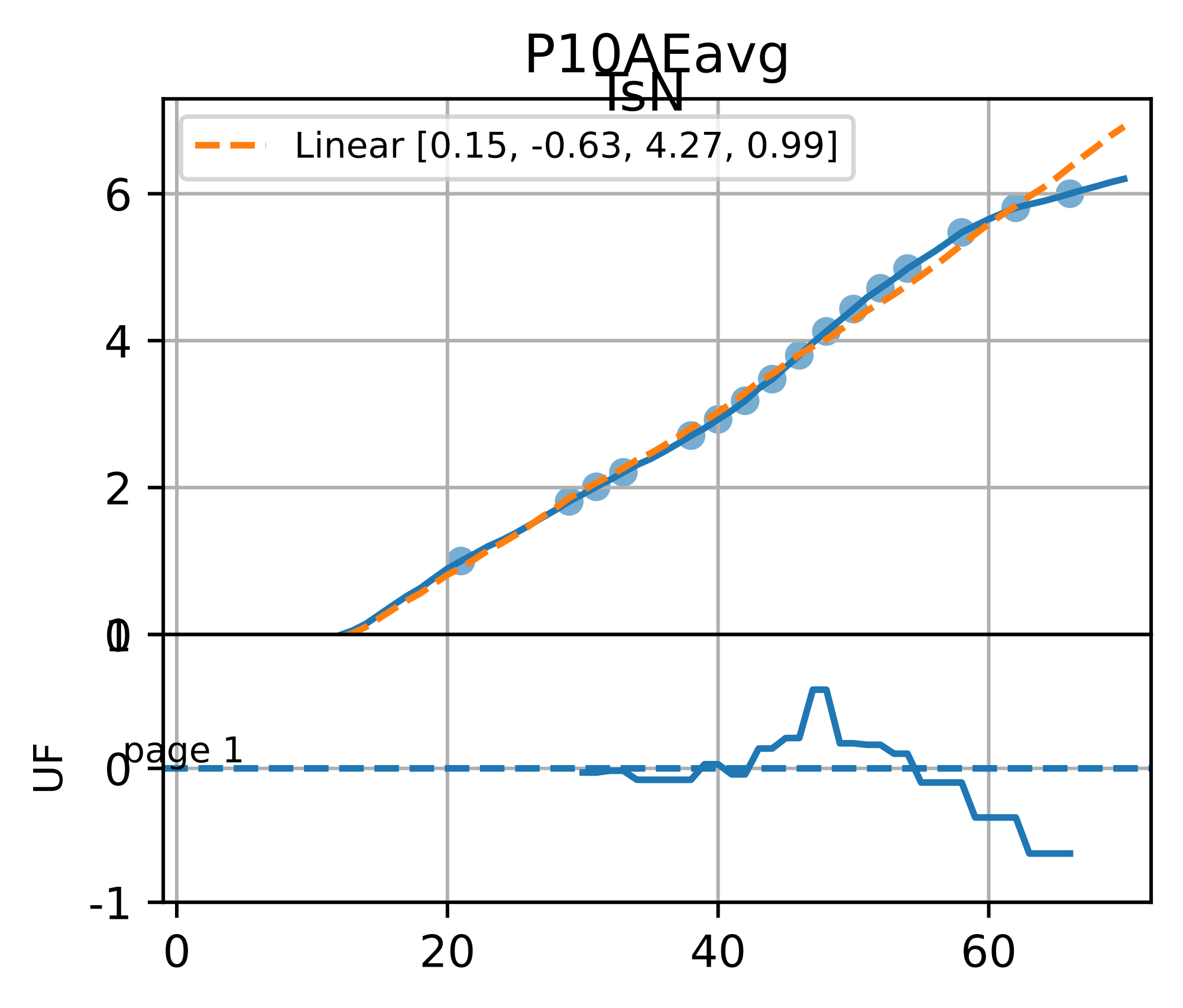

P10AE-063-19
Linear [0.15, -0.85, 5.61, 0.99]
UF
TSN

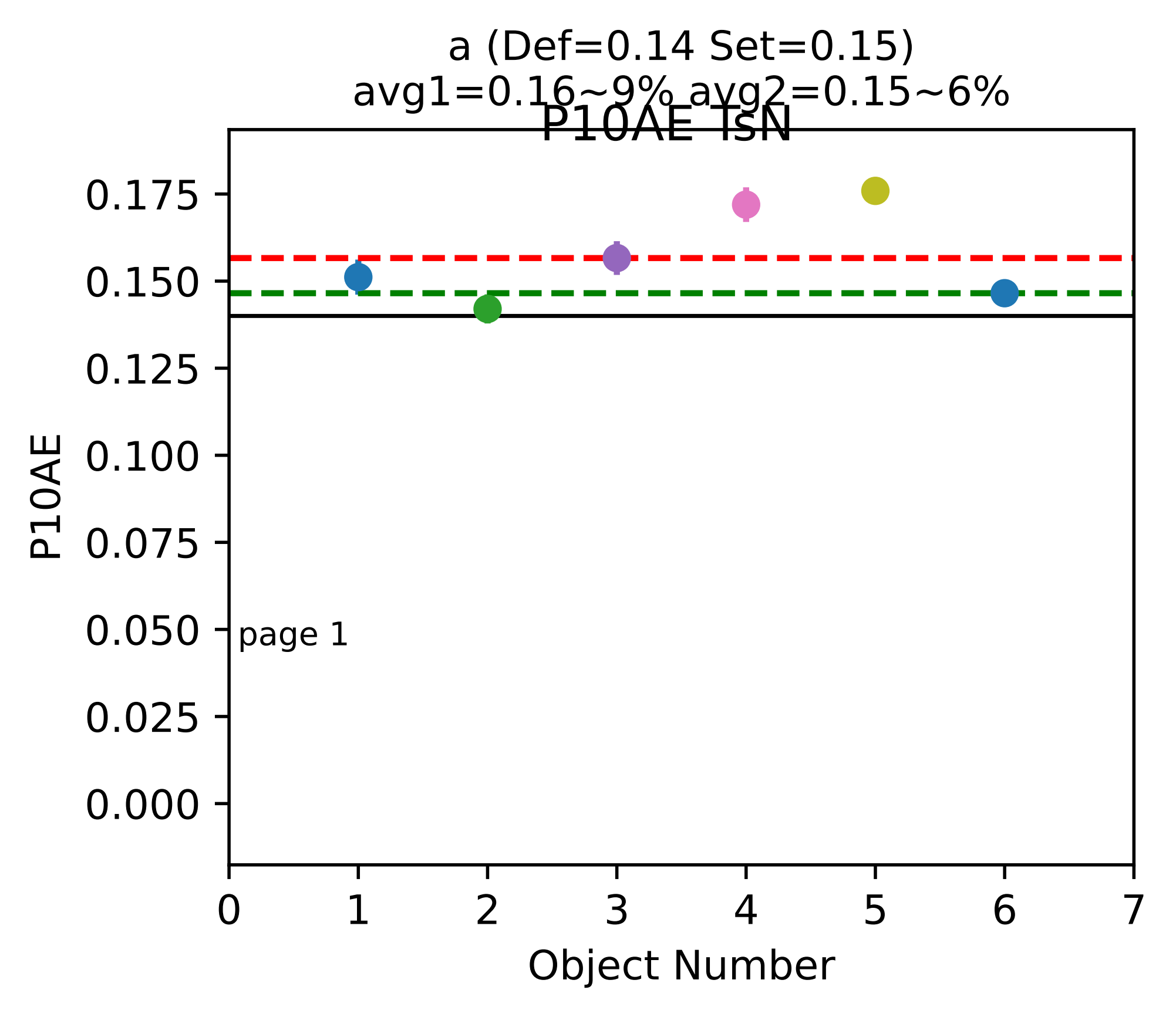

P10AE-076-5
Linear [0.14, -0.8, 5.62, 1.0]
UF
TSN

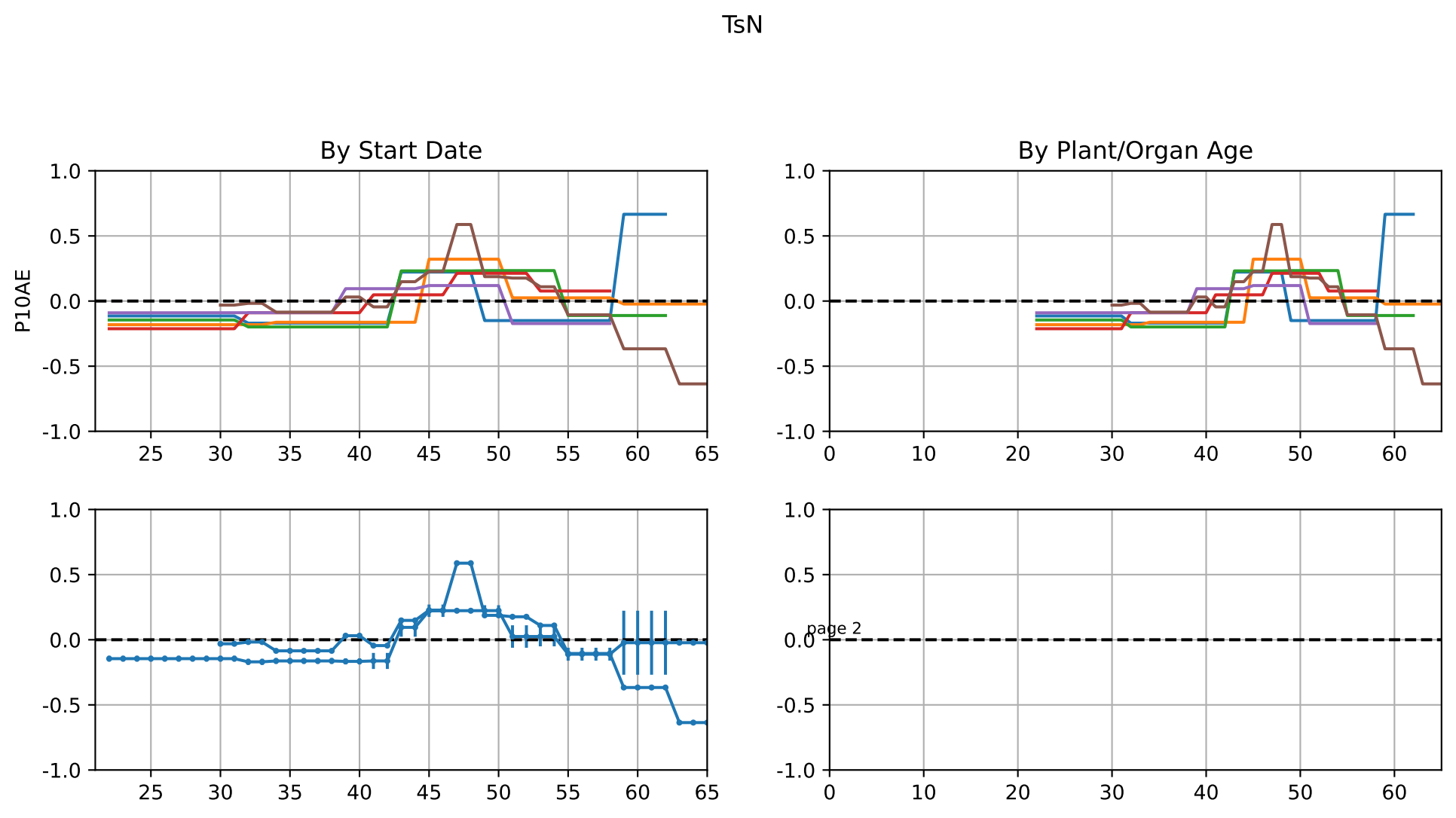

P10AE-089-22
Linear [0.16, -0.92, 5.84, 1.0]
UF
TSN

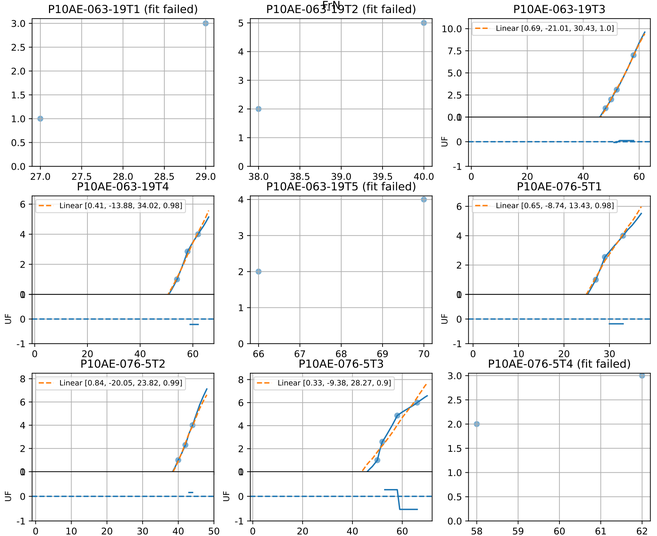

P10AE-103-17
Linear [0.17, -1.09, 6.32, 1.0]
UF
TSN

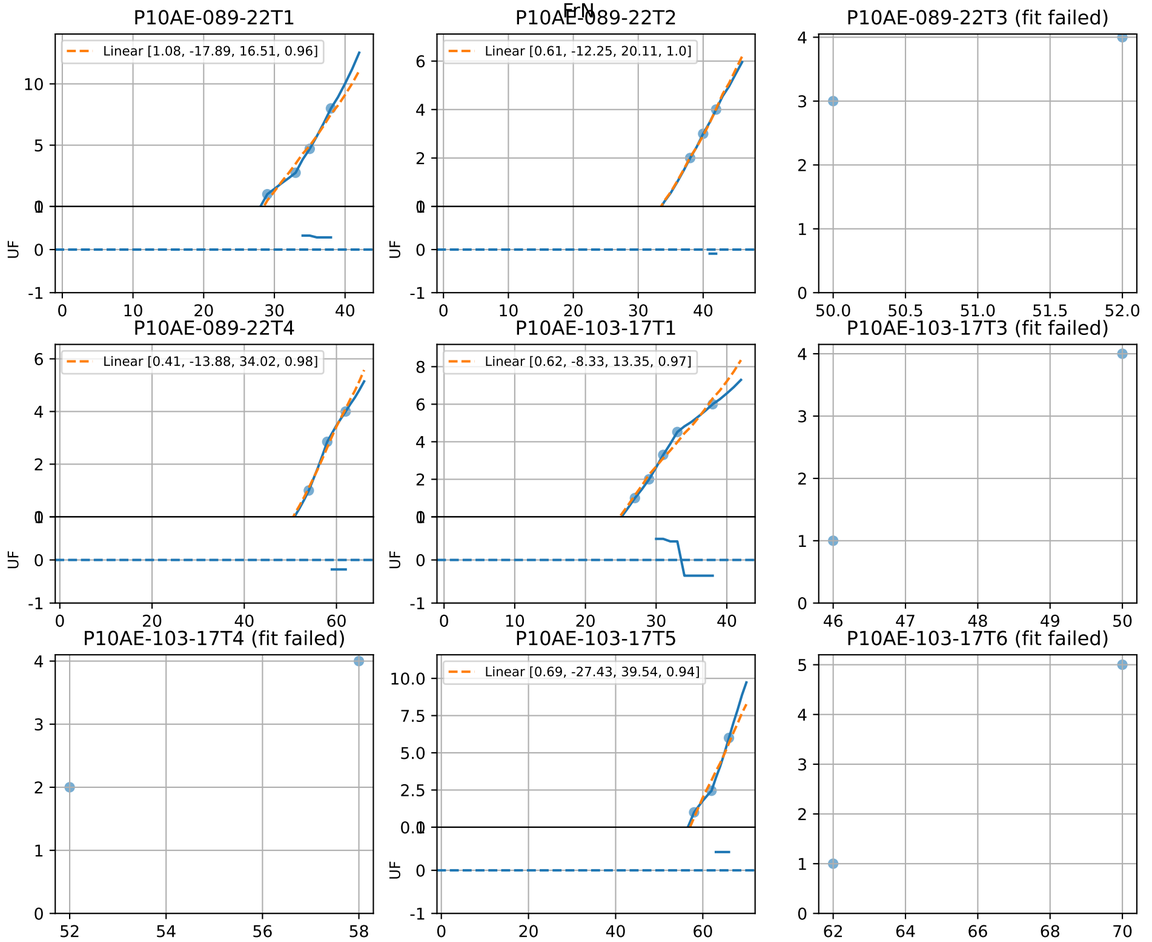

P10AE-116-21
Linear [0.18, -1.03, 5.83, 1.0]
UF
TSN

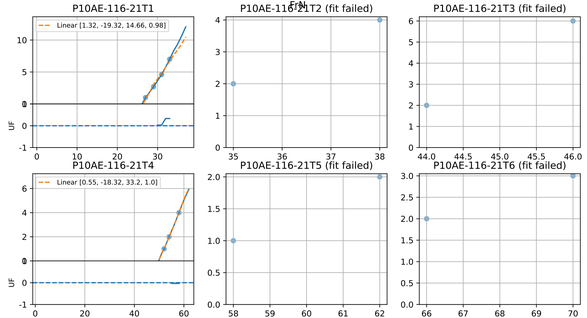

P10AEavg
IsN
Linear [0.15, -0.63, 4.27, 0.99]
6
4
2
0
-1
0
20
40
60
UF
0
page 1

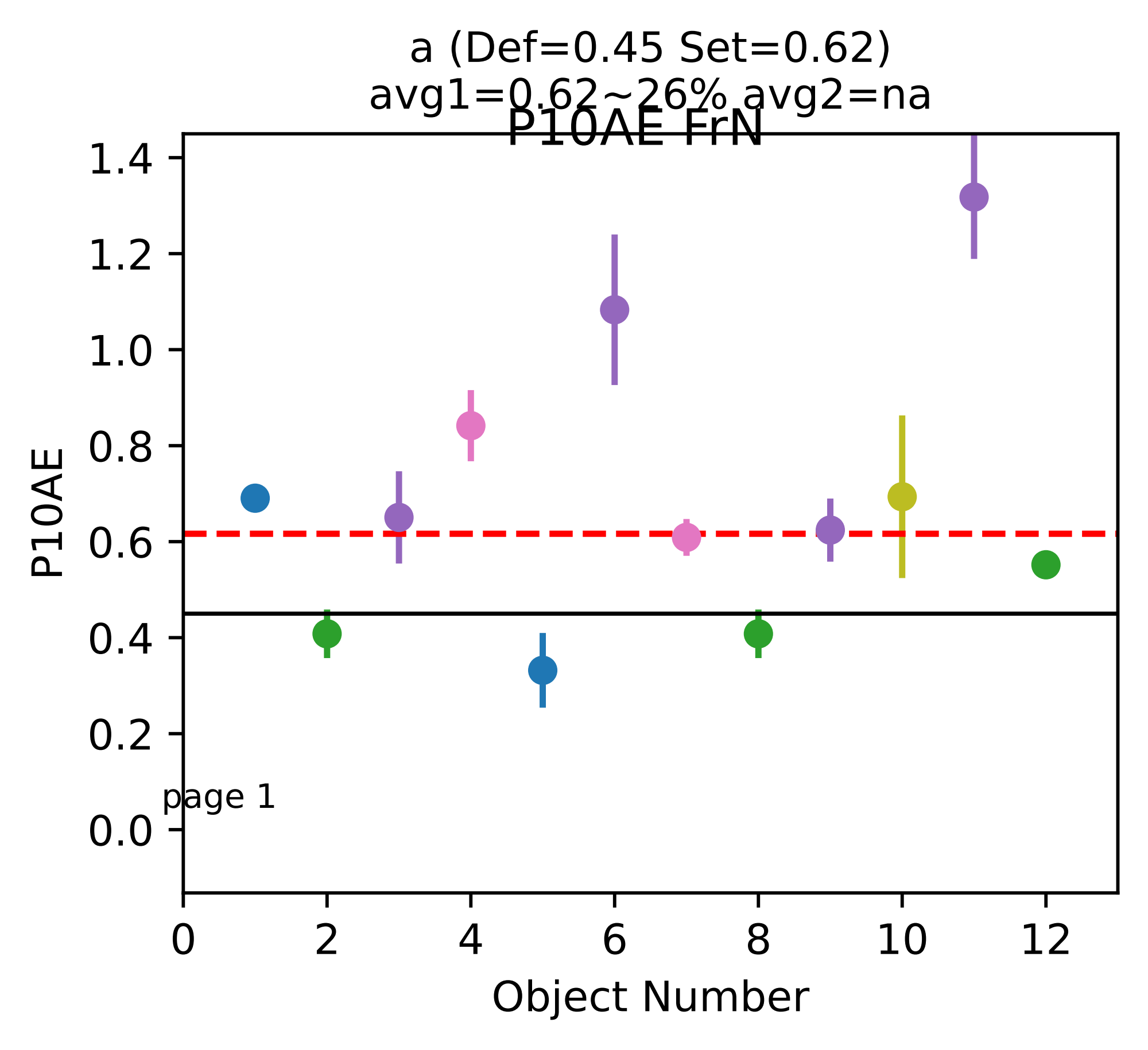

a (Def=0.14 Set=0.15)
avg1=0.16~9% avg2=0.15~6%
P10AE TSN
0.175
0.150
0.125
0.100
0.075
0.050
0.025
0.000
P10AE
page 1
0
1
2
3
4
5
6
7
Object Number


TsN
By Start Date
By Plant/Organ Age
P10AE
1.0
0.5
0.0
-0.5
-1.0
25
30
35
40
45
50
55
60
65
0
10
20
30
40
50
60
page 2


P10AE-063-19T1 (fit failed)
P10AE-063-19T2 (fit failed)
P10AE-063-19T3
Linear [0.69, -21.01, 30.43, 1.0]
P10AE-063-19T4
Linear [0.41, -13.88, 34.02, 0.98]
P10AE-063-19T5 (fit failed)
P10AE-076-5T1
Linear [0.65, -8.74, 13.43, 0.98]
P10AE-076-5T2
Linear [0.84, -20.05, 23.82, 0.99]
P10AE-076-5T3
Linear [0.33, -9.38, 28.27, 0.9]
P10AE-076-5T4 (fit failed)
UF


Fe-N
P10AE-089-22T1
Linear [1.08, -17.89, 16.51, 0.96]
P10AE-089-22T2
Linear [0.61, -12.25, 20.11, 1.0]
P10AE-089-22T3 (fit failed)
P10AE-089-22T4
Linear [0.41, -13.88, 34.02, 0.98]
P10AE-103-17T1
Linear [0.62, -8.33, 13.35, 0.97]
P10AE-103-17T3 (fit failed)
P10AE-103-17T4 (fit failed)
P10AE-103-17T5
Linear [0.69, -27.43, 39.54, 0.94]
P10AE-103-17T6 (fit failed)
UF

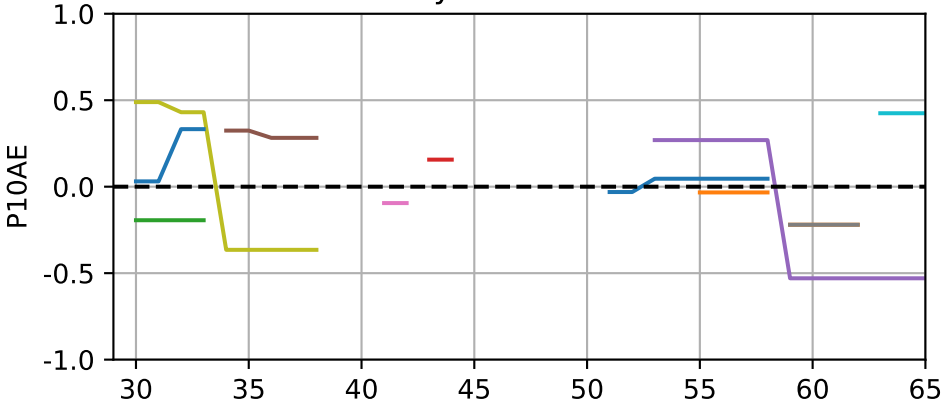

P10AE-116-21T1
Linear [1.32, -19.32, 14.66, 0.98]
P10AE-116-21T2 (fit failed)
P10AE-116-21T3 (fit failed)
P10AE-116-21T4
Linear [0.55, -18.32, 33.2, 1.0]
P10AE-116-21T5 (fit failed)
P10AE-116-21T6 (fit failed)
UF

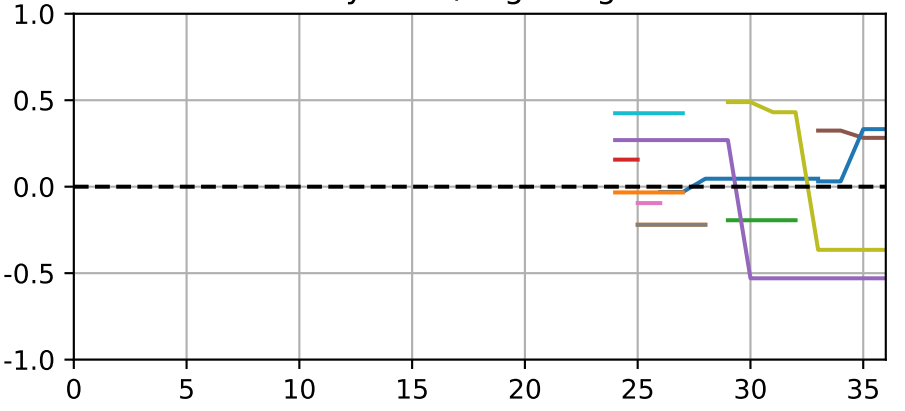

a (Def=0.45 Set=0.62)
avg1=0.62~26% avg2=na
P10AE FrN
P10AE
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
page 1
0
2
4
6
8
10
12
Object Number

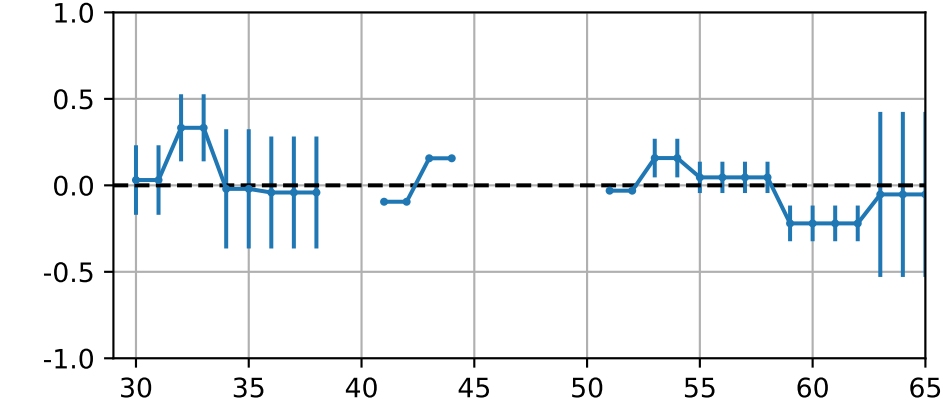
FrN

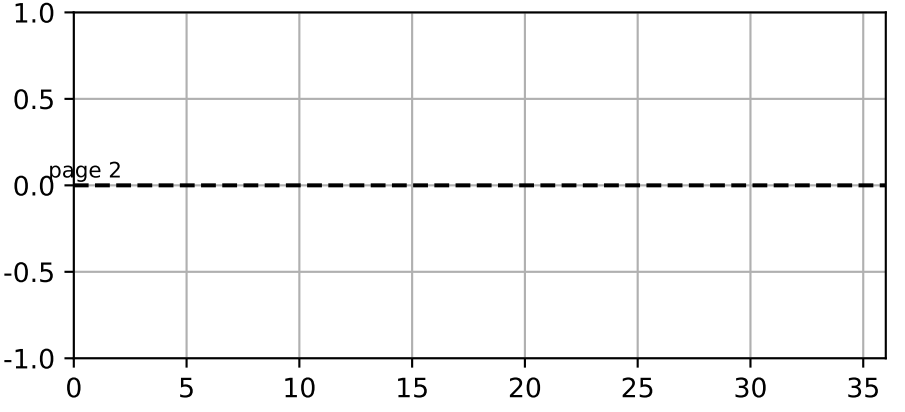
By Start Date

By Plant/Organ Age

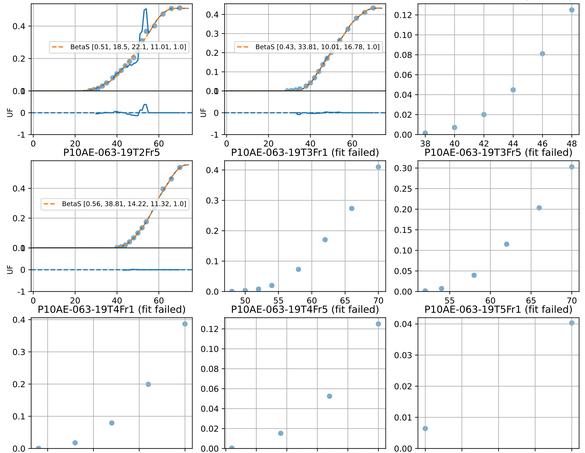


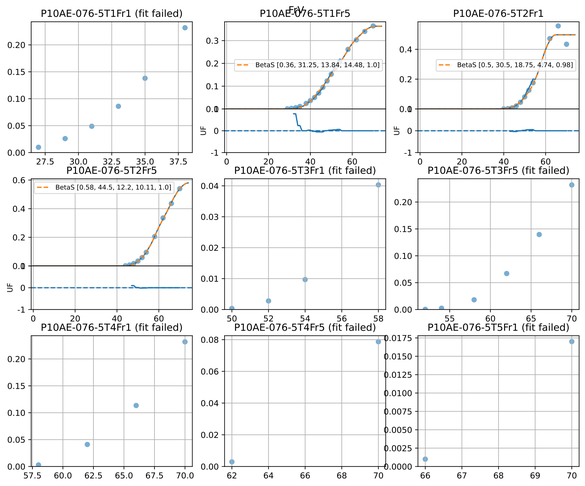


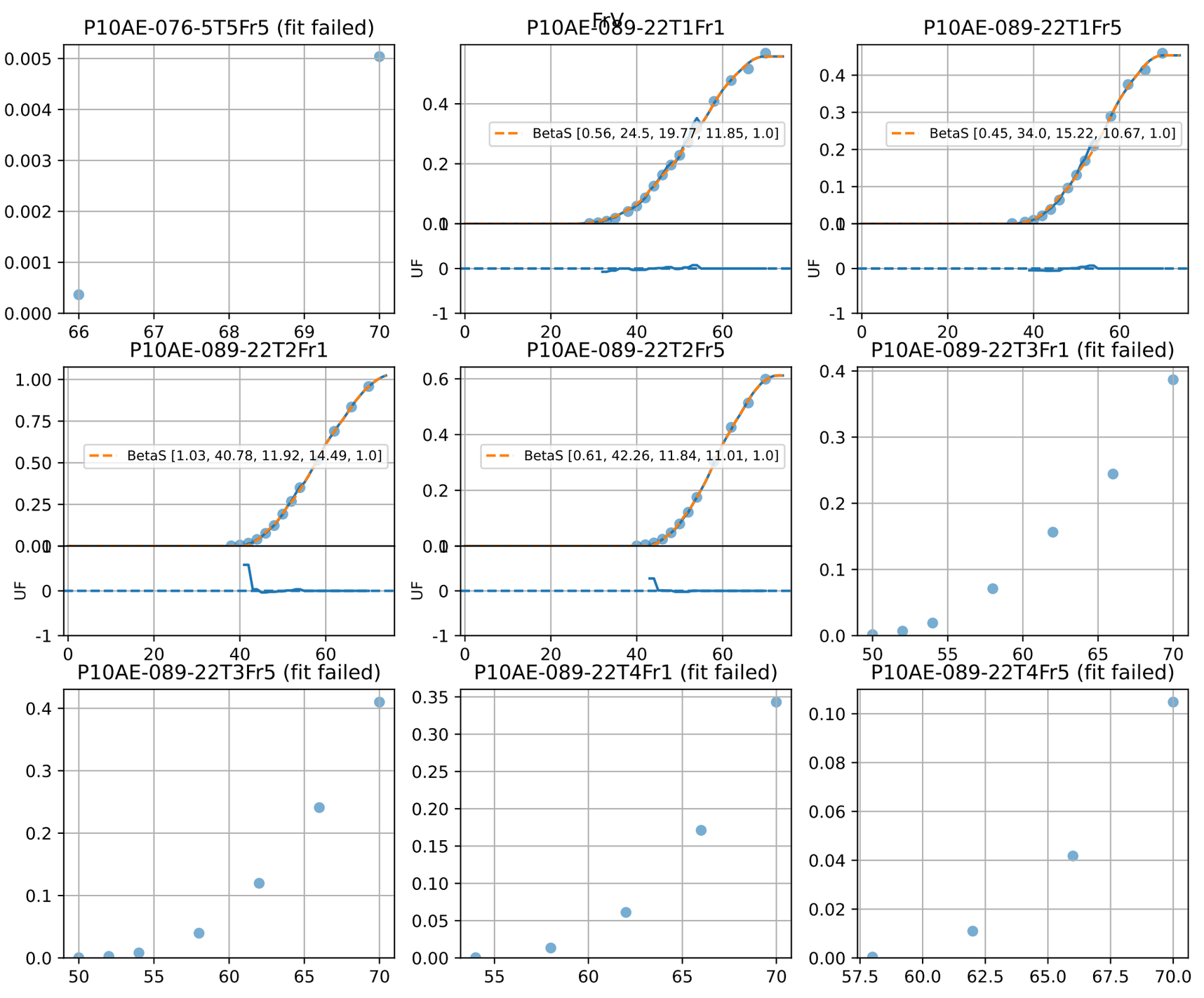


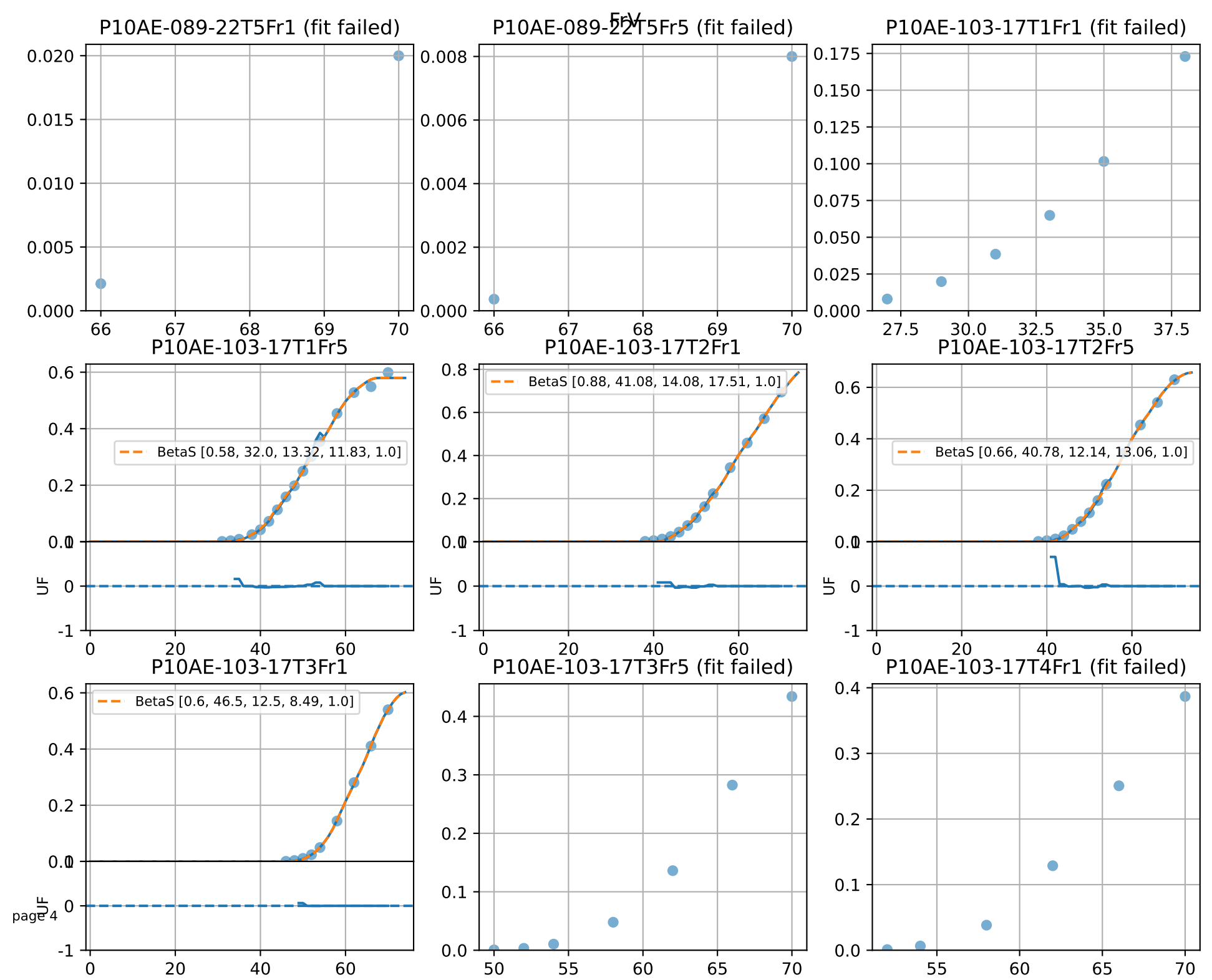


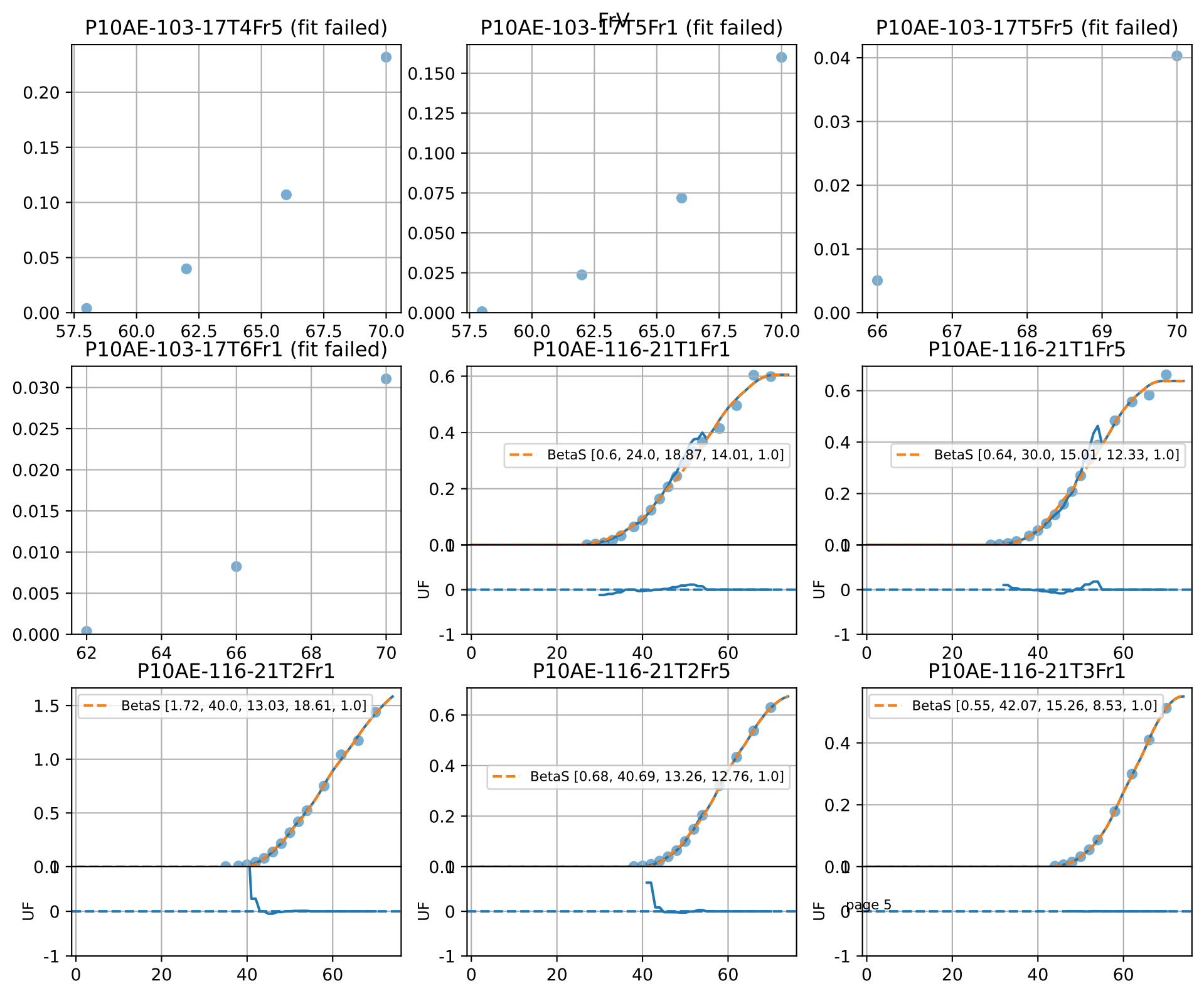
page 2

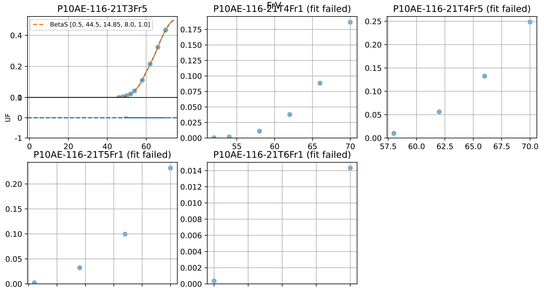

P10AE-063-19T1Fr1
BetaS [0.51, 18.5, 22.1, 11.01, 1.0]
UF
P10AE-063-19T1Fr5
BetaS [0.43, 33.81, 10.01, 16.78, 1.0]
UF
P10AE-063-19T2Fr1 (fit failed)
P10AE-063-19T2Fr5
BetaS [0.56, 38.81, 14.22, 11.32, 1.0]
UF
P10AE-063-19T3Fr1 (fit failed)
P10AE-063-19T3Fr5 (fit failed)
P10AE-063-19T4Fr1 (fit failed)
P10AE-063-19T4Fr5 (fit failed)
P10AE-063-19T5Fr1 (fit failed)

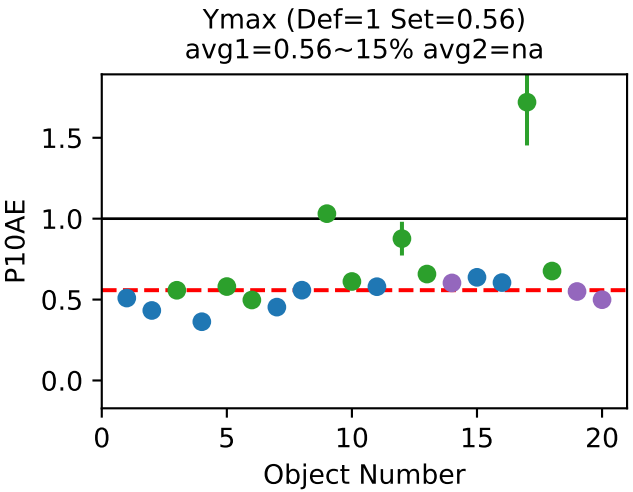

P10AE-076-5T1Fr1 (fit failed)
P10AE-076-5T1Fr5
BetaS [0.36, 31.25, 13.84, 14.48, 1.0]
P10AE-076-5T2Fr1
BetaS [0.5, 30.5, 18.75, 4.74, 0.98]
P10AE-076-5T2Fr5
BetaS [0.58, 44.5, 12.2, 10.11, 1.0]
P10AE-076-5T3Fr1 (fit failed)
P10AE-076-5T3Fr5 (fit failed)
P10AE-076-5T4Fr1 (fit failed)
P10AE-076-5T4Fr5 (fit failed)
P10AE-076-5T5Fr1 (fit failed)
UF

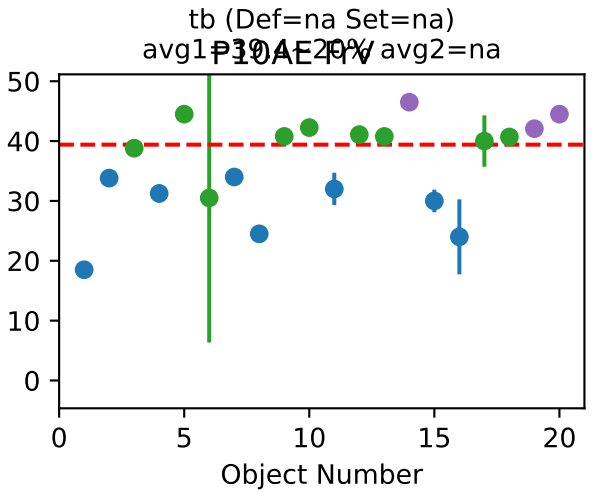

FrV
P10AE-076-5T5Fr5 (fit failed)
P10AE-089-22T1Fr1
P10AE-089-22T1Fr5
BetaS [0.56, 24.5, 19.77, 11.85, 1.0]
BetaS [0.45, 34.0, 15.22, 10.67, 1.0]
UF
P10AE-089-22T2Fr1
P10AE-089-22T2Fr5
P10AE-089-22T3Fr1 (fit failed)
BetaS [1.03, 40.78, 11.92, 14.49, 1.0]
BetaS [0.61, 42.26, 11.84, 11.01, 1.0]
P10AE-089-22T3Fr5 (fit failed)
P10AE-089-22T4Fr1 (fit failed)
P10AE-089-22T4Fr5 (fit failed)

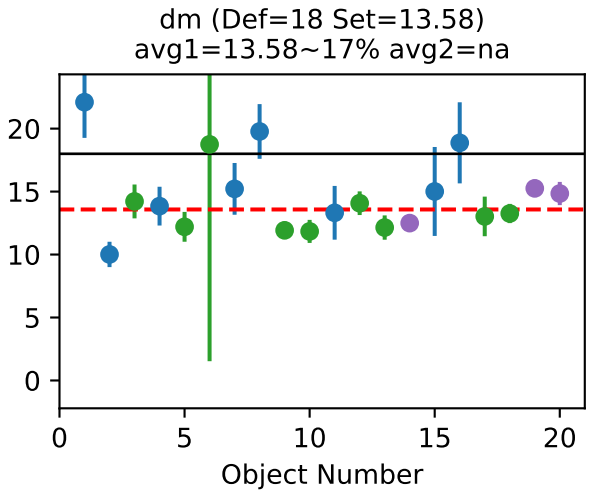

P10AE-089-22T5Fr1 (fit failed)
P10AE-089-22T5Fr5 (fit failed)
P10AE-103-17T1Fr1 (fit failed)
P10AE-103-17T1Fr5
BetaS [0.58, 32.0, 13.32, 11.83, 1.0]
P10AE-103-17T2Fr1
BetaS [0.88, 41.08, 14.08, 17.51, 1.0]
P10AE-103-17T2Fr5
BetaS [0.66, 40.78, 12.14, 13.06, 1.0]
P10AE-103-17T3Fr1
BetaS [0.6, 46.5, 12.5, 8.49, 1.0]
P10AE-103-17T3Fr5 (fit failed)
P10AE-103-17T4Fr1 (fit failed)
UF

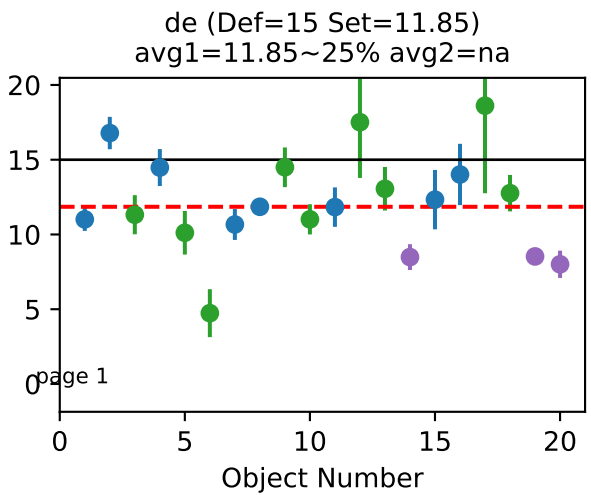

P10AE-103-17T4Fr5 (fit failed)
P10AE-103-17T5Fr1 (fit failed)
P10AE-103-17T5Fr5 (fit failed)
P10AE-103-17T6Fr1 (fit failed)
P10AE-116-21T1Fr1
BetaS [0.6, 24.0, 18.87, 14.01, 1.0]
P10AE-116-21T1Fr5
BetaS [0.64, 30.0, 15.01, 12.33, 1.0]
P10AE-116-21T2Fr1
BetaS [1.72, 40.0, 13.03, 18.61, 1.0]
P10AE-116-21T2Fr5
BetaS [0.68, 40.69, 13.26, 12.76, 1.0]
P10AE-116-21T3Fr1
BetaS [0.55, 42.07, 15.26, 8.53, 1.0]
UF

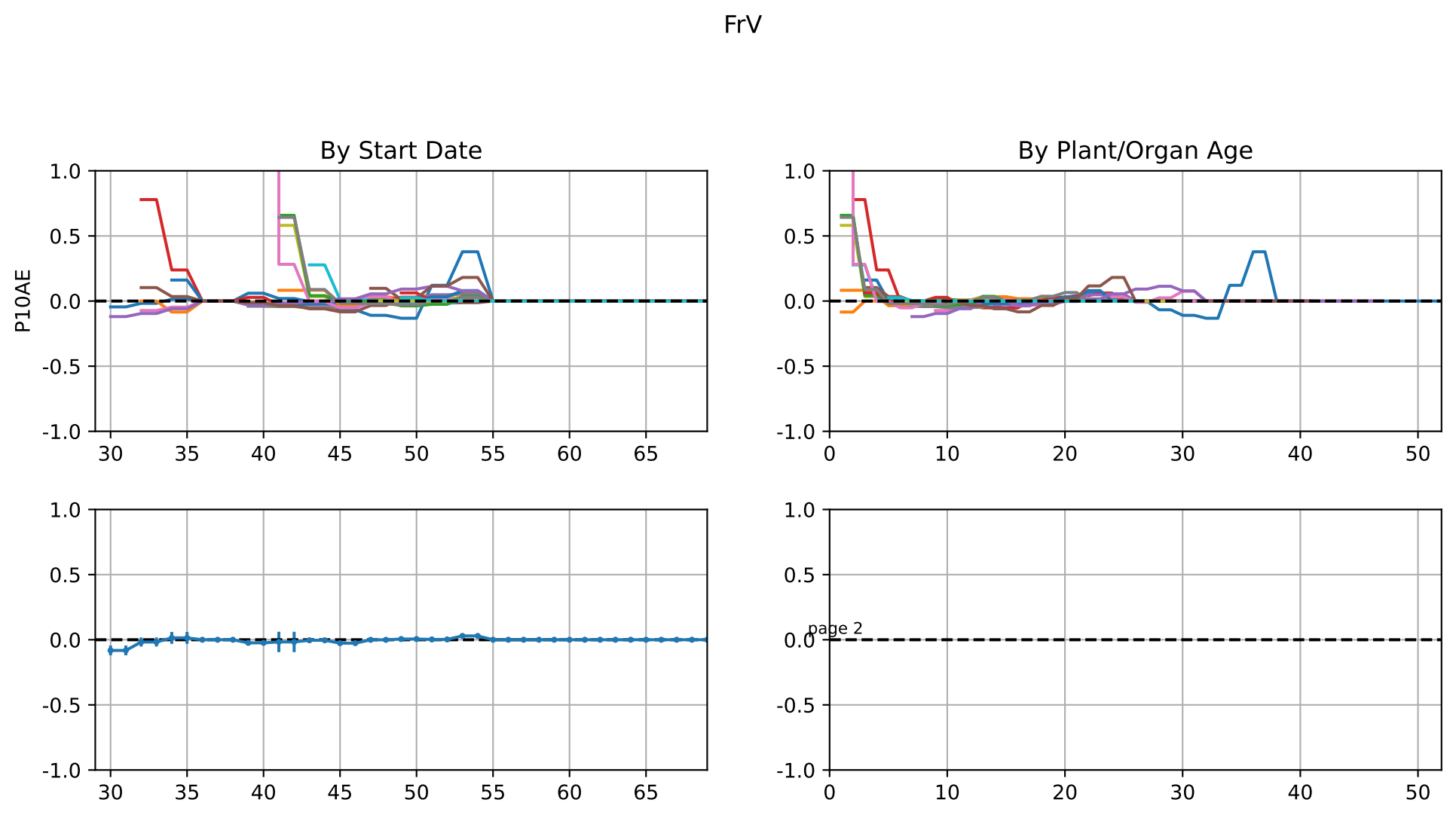

Fit4
P10AE-116-21T3Fr5
BetaS [0.5, 44.5, 14.85, 8.0, 1.0]
UF
P10AE-116-21T4Fr1 (fit failed)
P10AE-116-21T4Fr5 (fit failed)
P10AE-116-21T5Fr1 (fit failed)
P10AE-116-21T6Fr1 (fit failed)

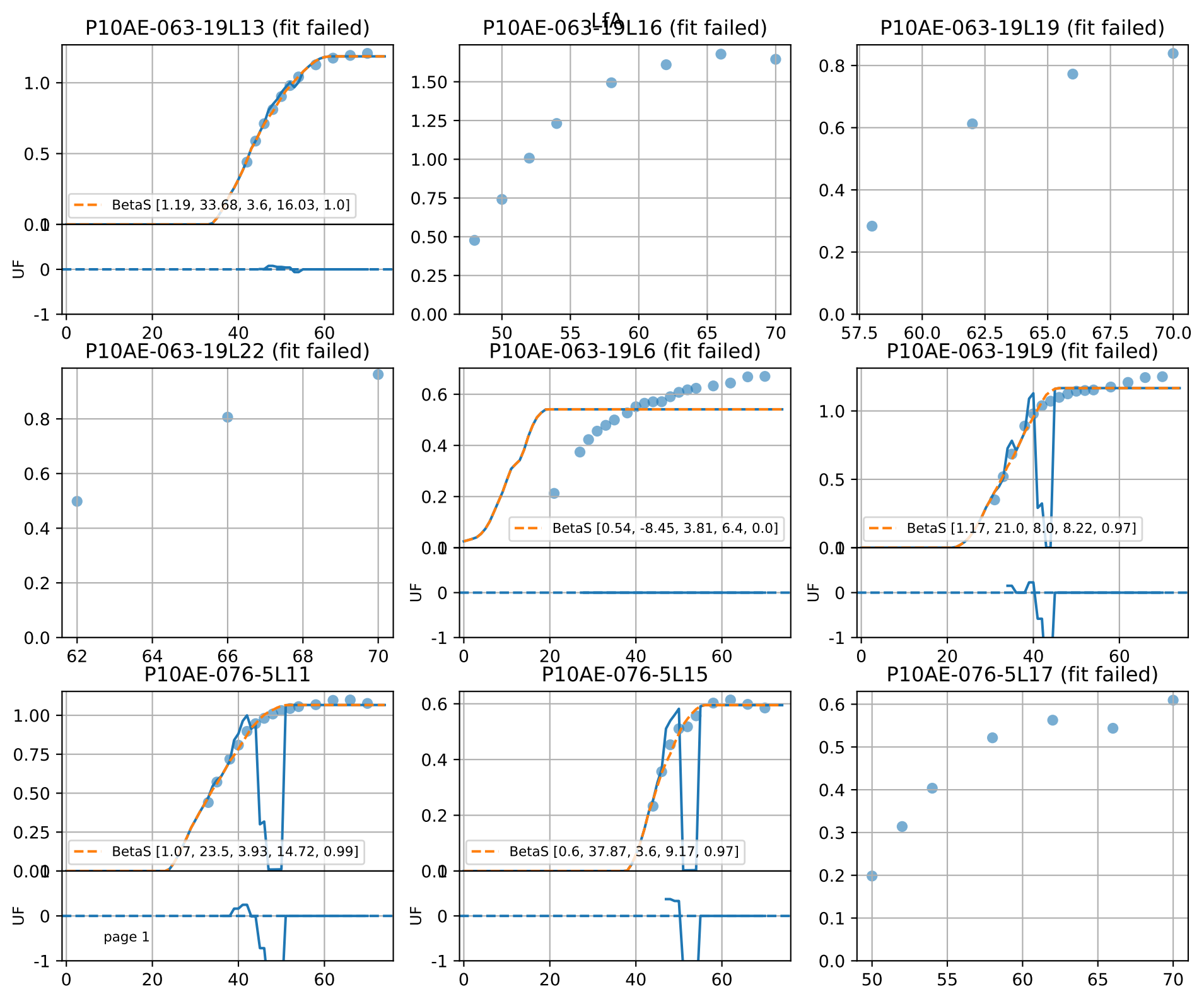

Ymax (Def=1 Set=0.56)
avg1=0.56~15% avg2=na
P10AE
Object Number

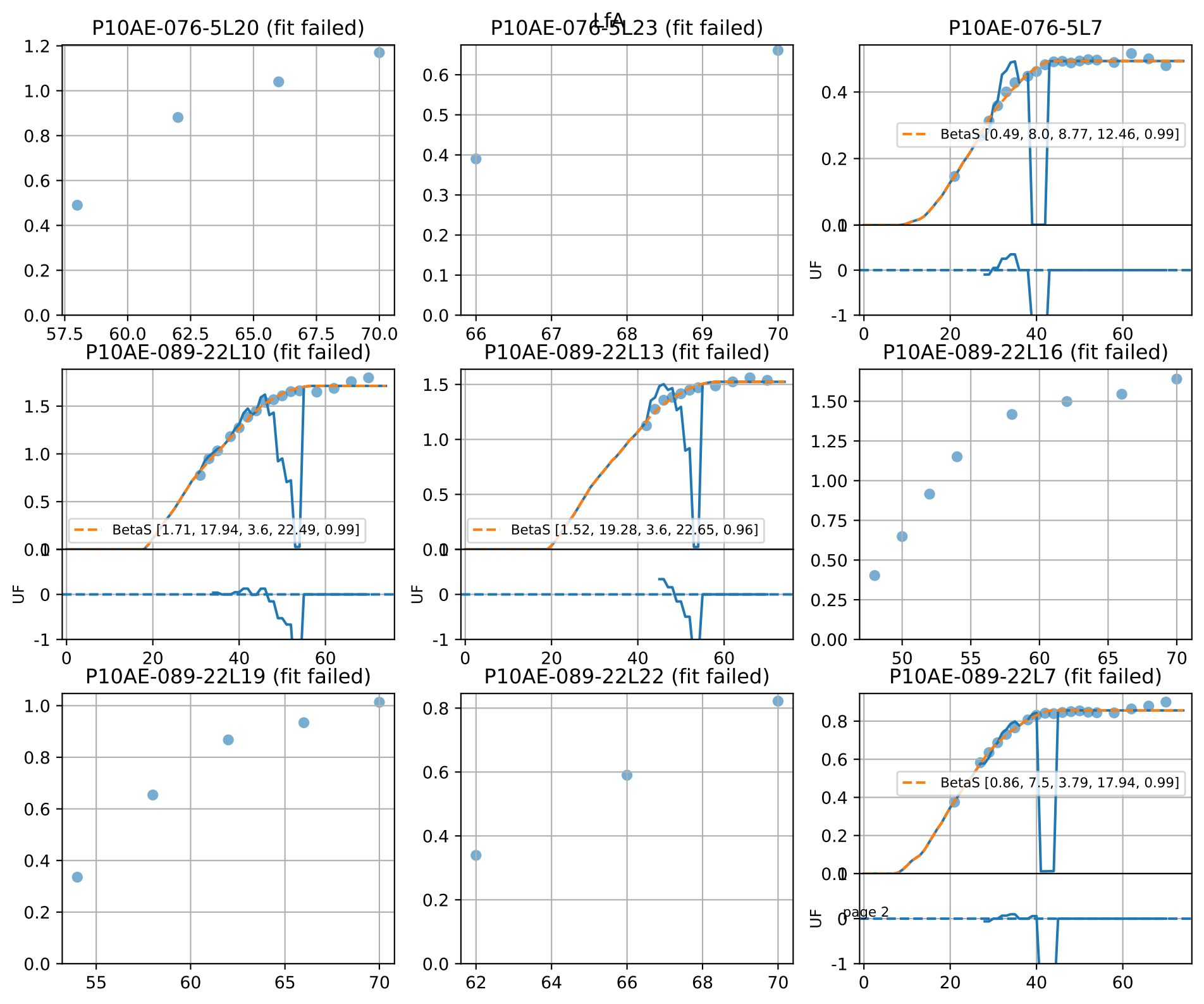

tb (Def=na Set=na)
avg1=39.4~20% avg2=na
P10AE+1V
Object Number

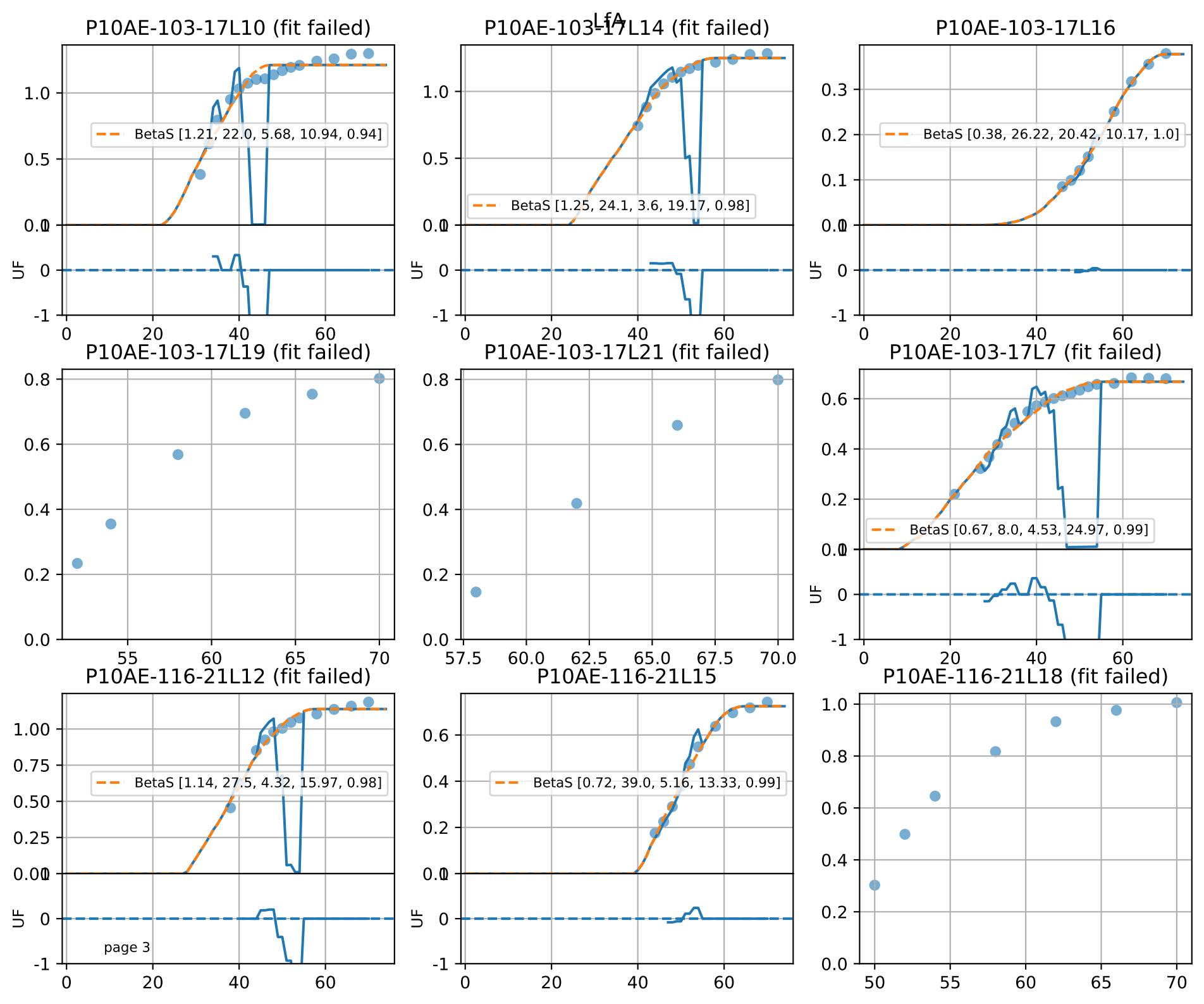

dm (Def=18 Set=13.58)
avg1=13.58~17% avg2=na
Object Number

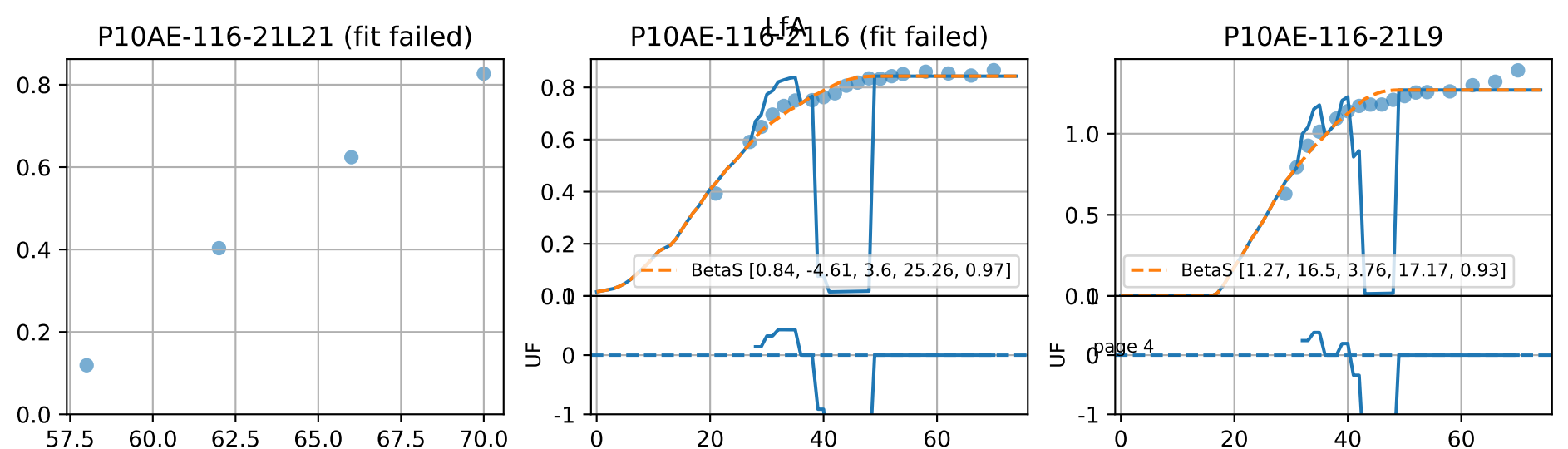

de (Def=15 Set=11.85)
avg1=11.85~25% avg2=na
page 1
Object Number

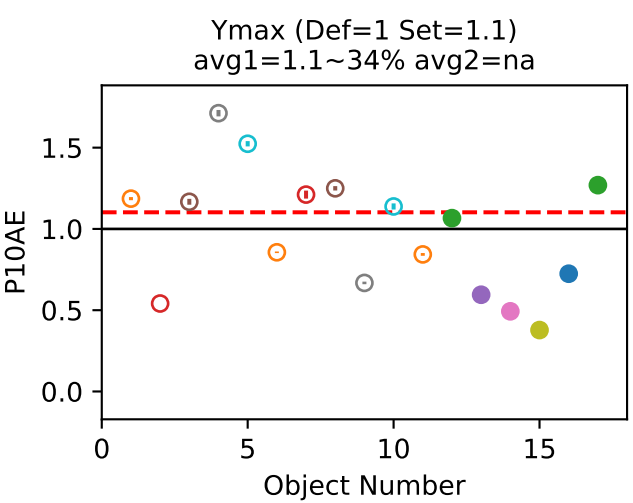

FrV
By Start Date
By Plant/Organ Age
P10AE
1.0
0.5
0.0
-0.5
-1.0
30
35
40
45
50
55
60
65
0
10
20
30
40
50
page 2

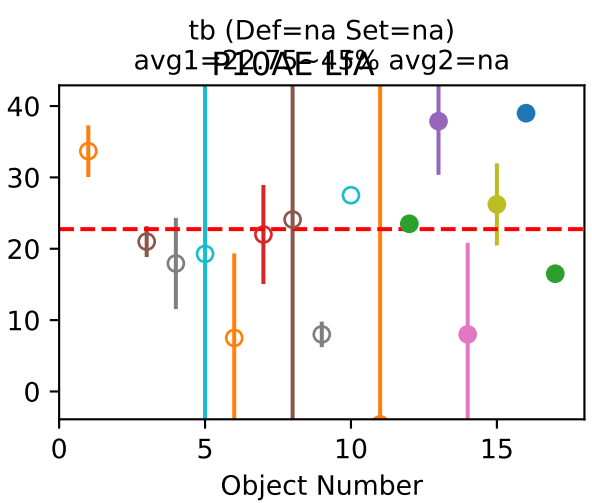

P10AE-063-19L13 (fit failed)
BetaS [1.19, 33.68, 3.6, 16.03, 1.0]
UF
P10AE-063-19L16 (fit failed)
P10AE-063-19L19 (fit failed)
P10AE-063-19L22 (fit failed)
P10AE-063-19L6 (fit failed)
BetaS [0.54, -8.45, 3.81, 6.4, 0.0]
P10AE-063-19L9 (fit failed)
BetaS [1.17, 21.0, 8.0, 8.22, 0.97]
P10AE-076-5L11
BetaS [1.07, 23.5, 3.93, 14.72, 0.99]
page 1
P10AE-076-5L15
BetaS [0.6, 37.87, 3.6, 9.17, 0.97]
P10AE-076-5L17 (fit failed)

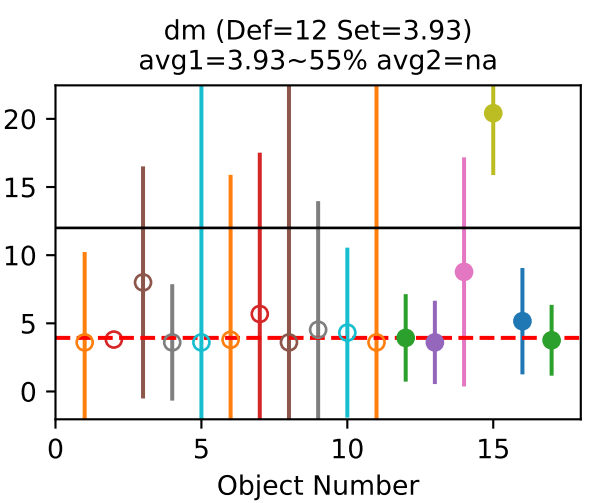

P10AE-076-5L20 (fit failed)
P10AE-076-5L23 (fit failed)
P10AE-076-5L7
BetaS [0.49, 8.0, 8.77, 12.46, 0.99]
P10AE-089-22L10 (fit failed)
BetaS [1.71, 17.94, 3.6, 22.49, 0.99]
P10AE-089-22L13 (fit failed)
BetaS [1.52, 19.28, 3.6, 22.65, 0.96]
P10AE-089-22L16 (fit failed)
P10AE-089-22L19 (fit failed)
P10AE-089-22L22 (fit failed)
P10AE-089-22L7 (fit failed)
BetaS [0.86, 7.5, 3.79, 17.94, 0.99]
UF

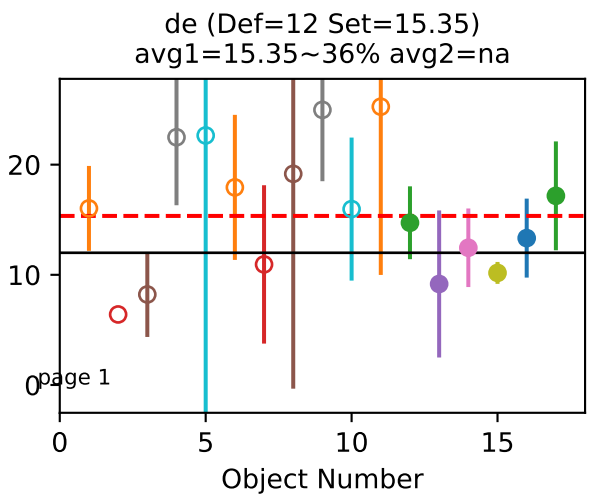

P10AE-103-17L10 (fit failed)
BetaS [1.21, 22.0, 5.68, 10.94, 0.94]
P10AE-103-17L14 (fit failed)
BetaS [1.25, 24.1, 3.6, 19.17, 0.98]
P10AE-103-17L16
BetaS [0.38, 26.22, 20.42, 10.17, 1.0]
P10AE-103-17L19 (fit failed)
P10AE-103-17L21 (fit failed)
P10AE-103-17L7 (fit failed)
BetaS [0.67, 8.0, 4.53, 24.97, 0.99]
P10AE-116-21L12 (fit failed)
BetaS [1.14, 27.5, 4.32, 15.97, 0.98]
P10AE-116-21L15
BetaS [0.72, 39.0, 5.16, 13.33, 0.99]
P10AE-116-21L18 (fit failed)
UF
page 3

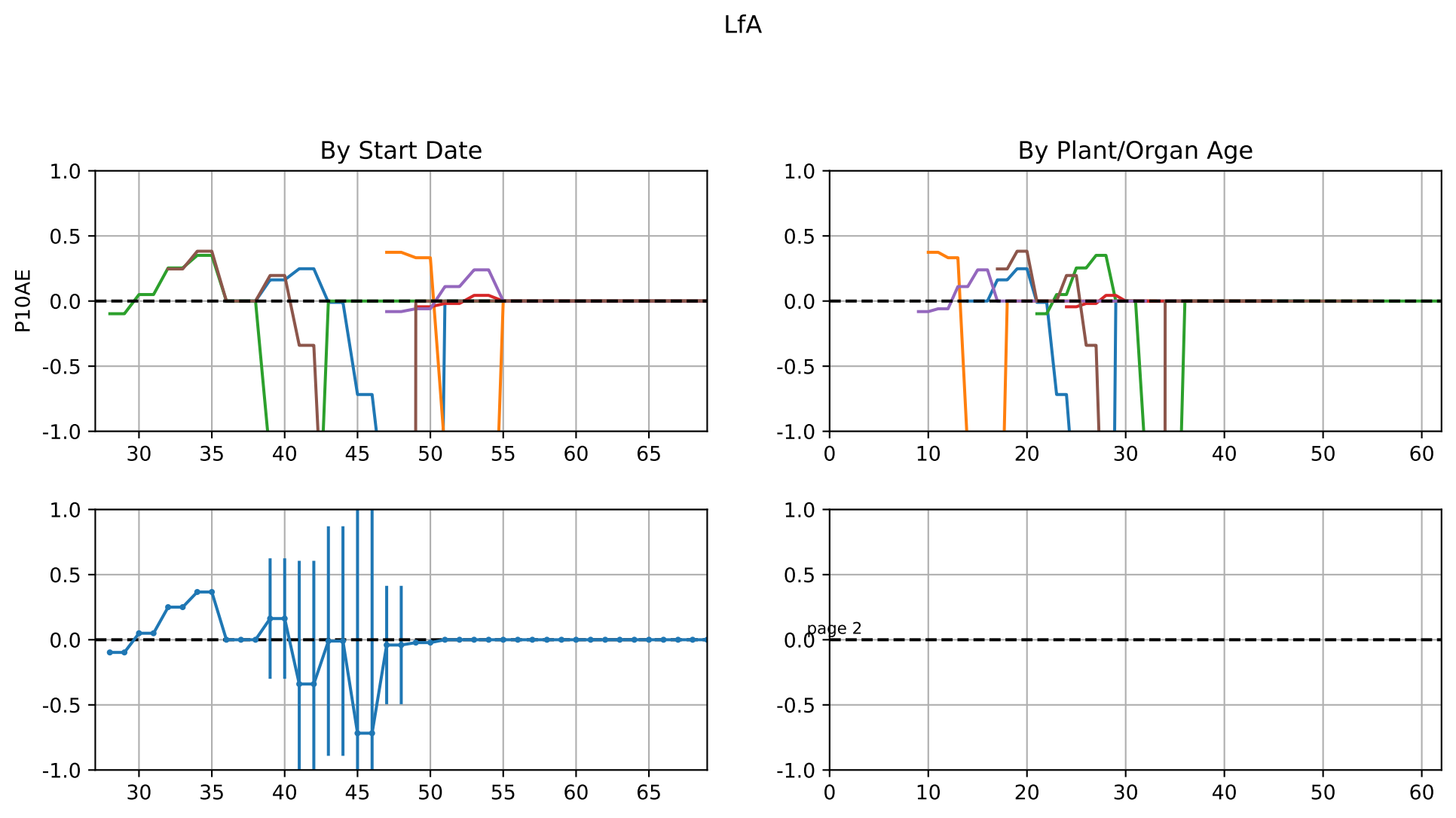

LfA
P10AE-116-21L21 (fit failed)
P10AE-116-21L6 (fit failed)
P10AE-116-21L9
BetaS [0.84, -4.61, 3.6, 25.26, 0.97]
BetaS [1.27, 16.5, 3.76, 17.17, 0.93]
UF
UF
page 4

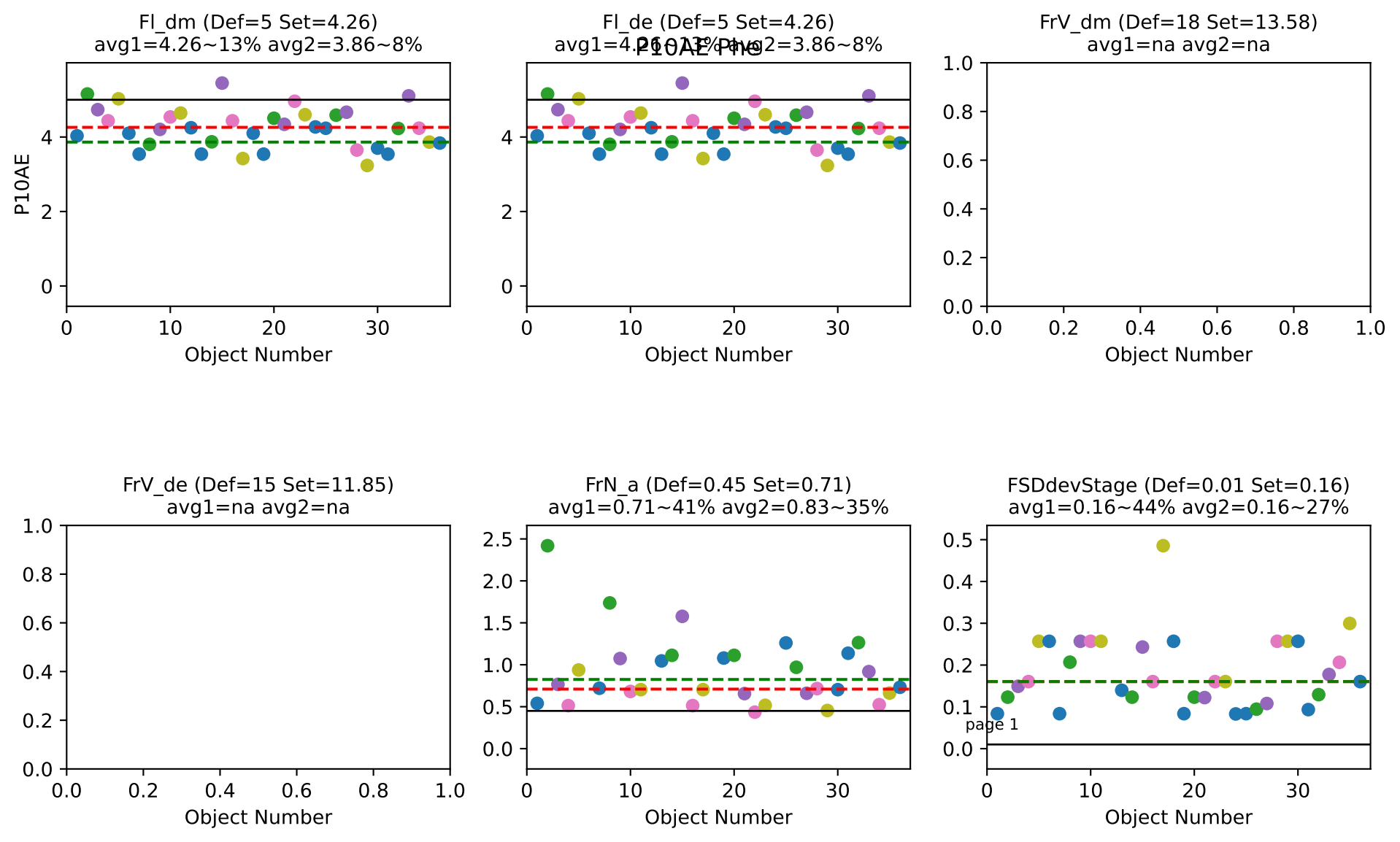

Ymax (Def=1 Set=1.1)
avg1=1.1~34% avg2=na
P10AE
Object Number

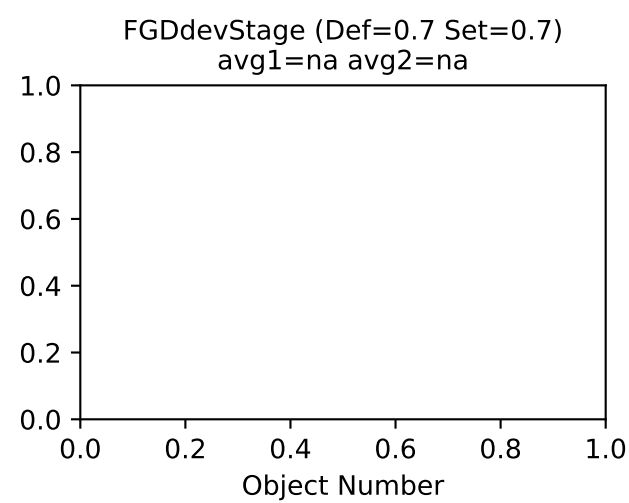

tb (Def=na Set=na)
avg1=22.75~45% avg2=na
P10AE LTA
Object Number

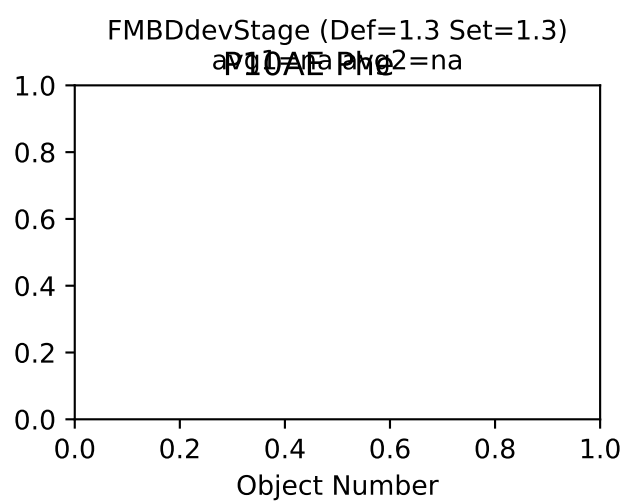

dm (Def=12 Set=3.93)
avg1=3.93~55% avg2=na
Object Number

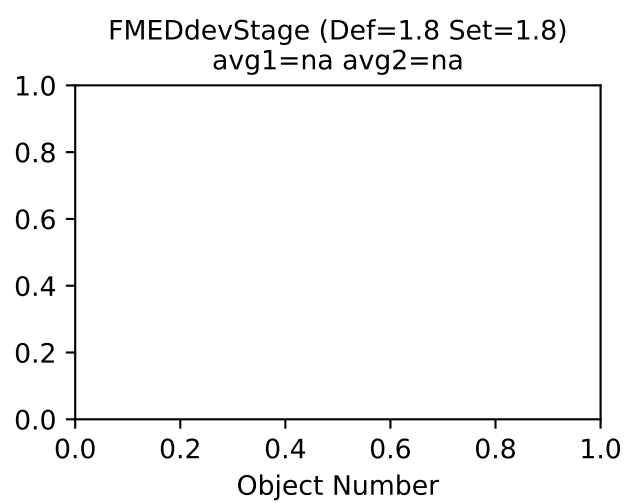

de (Def=12 Set=15.35)
avg1=15.35~36% avg2=na
page 1
Object Number

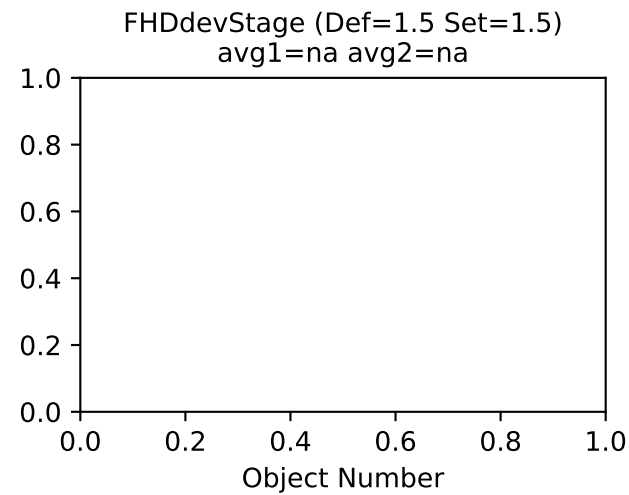

LfA
By Start Date
By Plant/Organ Age
P10AE
1.0
0.5
0.0
-0.5
-1.0
30
35
40
45
50
55
60
65
0
10
20
30
40
50
60
page 2

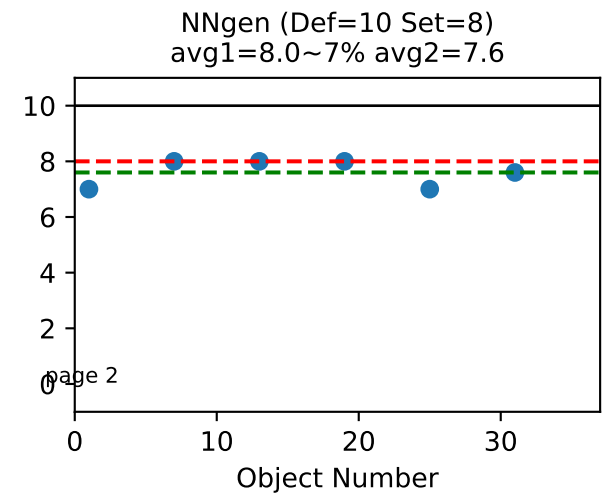

Fl_dm (Def=5 Set=4.26)
avg1=4.26~13% avg2=3.86~8%
P10AE
Object Number
Fl_de (Def=5 Set=4.26)
avg1=4.26~13% avg2=3.86~8%
P10AE Fine
Object Number
FrV_dm (Def=18 Set=13.58)
avg1=na avg2=na
Object Number
FrV_de (Def=15 Set=11.85)
avg1=na avg2=na
Object Number
FrN_a (Def=0.45 Set=0.71)
avg1=0.71~41% avg2=0.83~35%
Object Number
FSDdevStage (Def=0.01 Set=0.16)
avg1=0.16~44% avg2=0.16~27%
page 1
Object Number

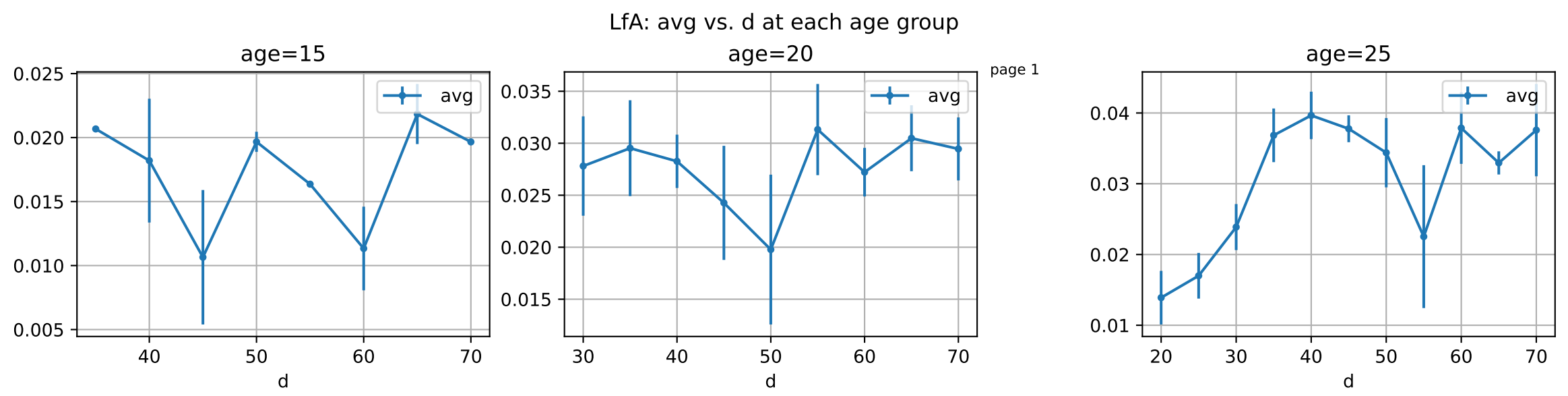

FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Object Number

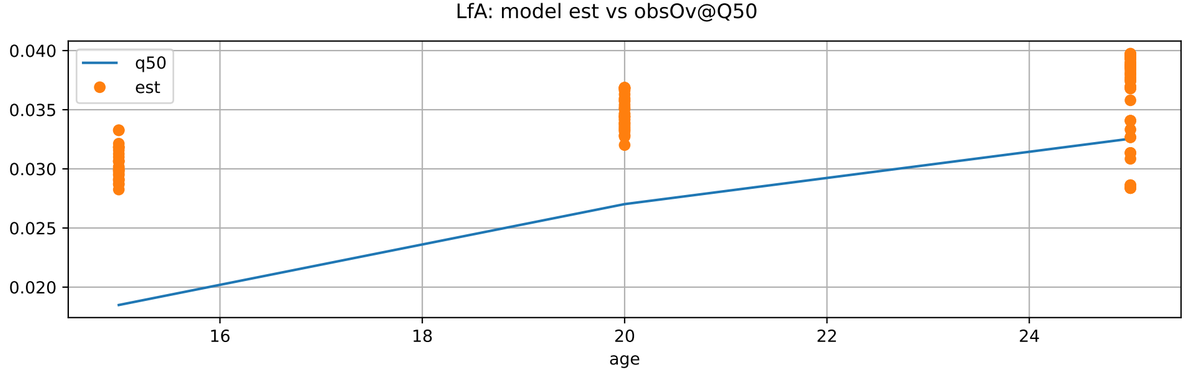

FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Object Number

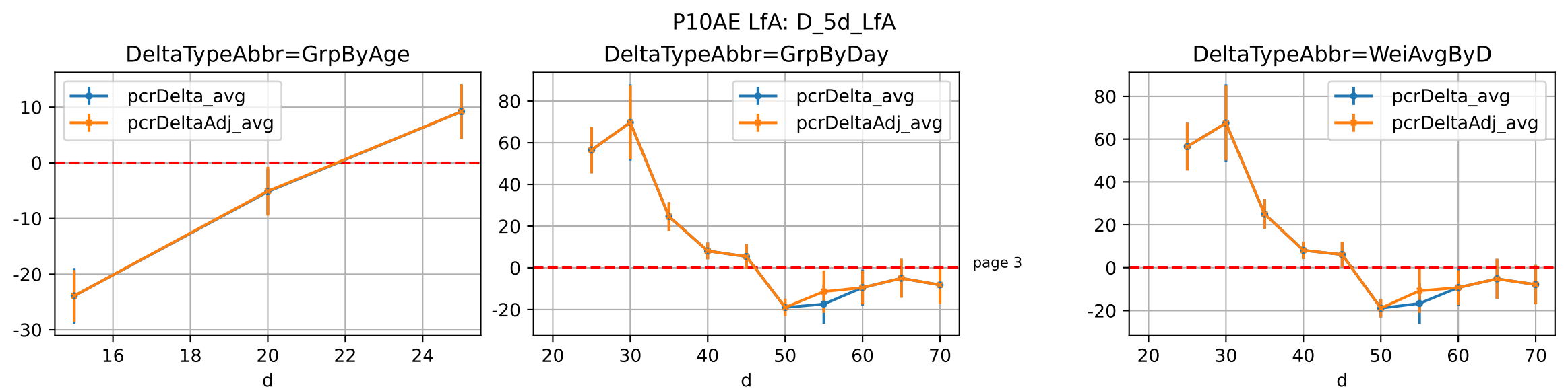

FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Object Number

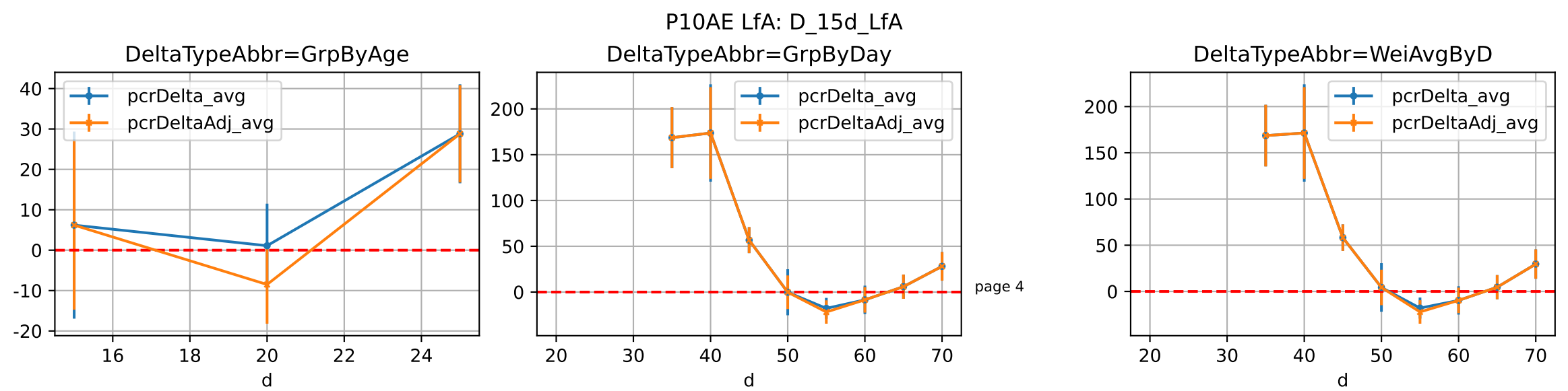

FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Object Number

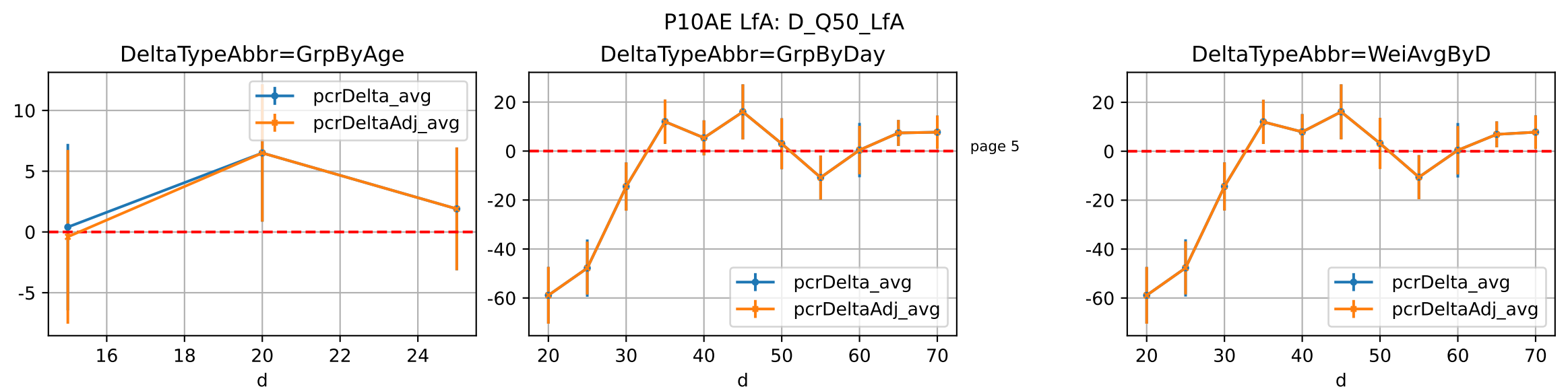

NNgen (Def=10 Set=8)
avg1=8.0~7% avg2=7.6
10
8
6
4
2
0
0
10
20
30
Object Number

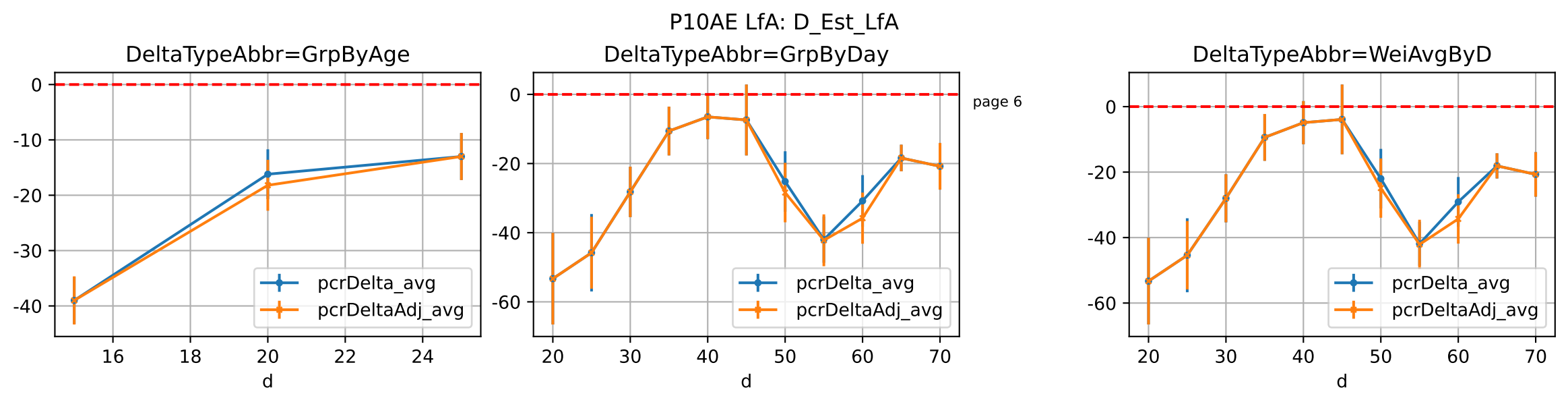

LfA: avg vs. d at each age group
age=15
age=20
age=25
avg
d
page 1

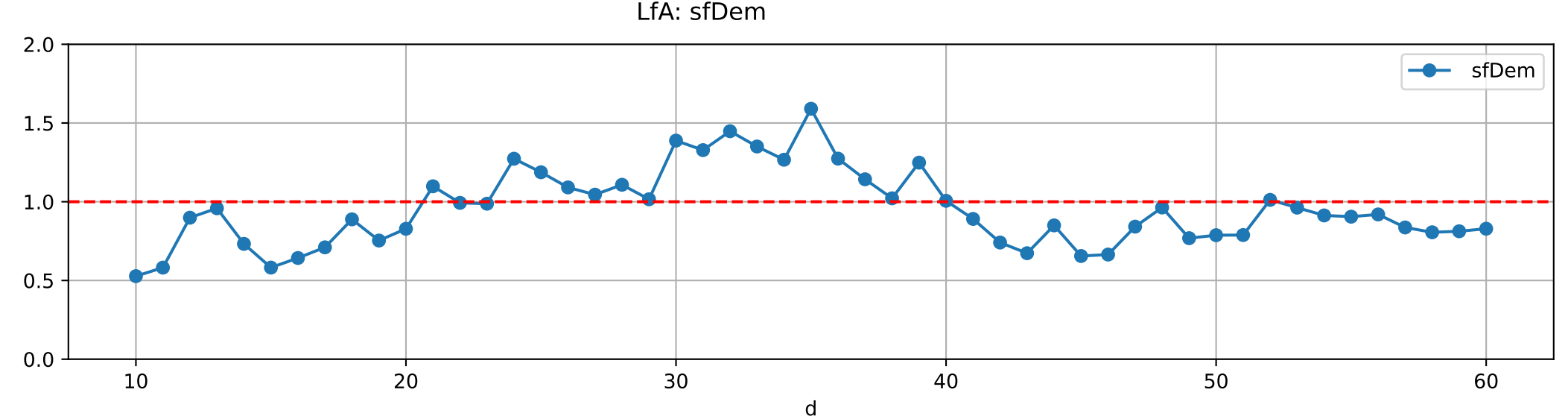

LfA: model est vs obsOv@Q50
q50
est
0.040
0.035
0.030
0.025
0.020
16
18
20
22
24
age

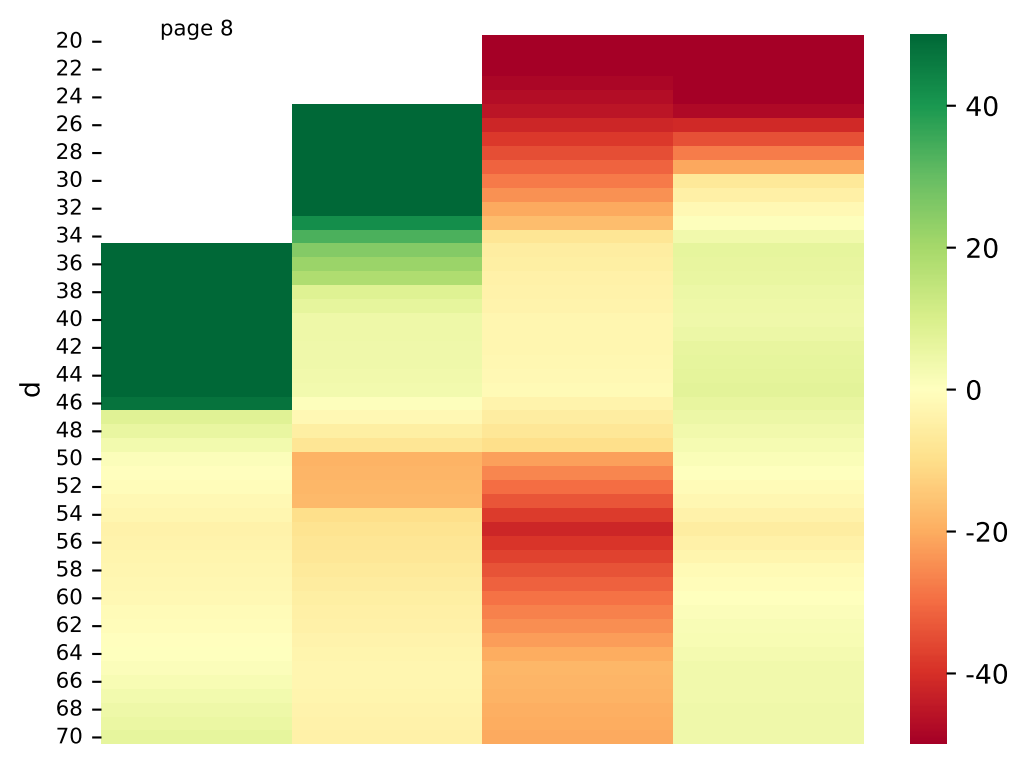

P10AE LfA: D_5d_LfA
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
d
page 3


P10AE LfA: D_15d_LfA
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
d
page 4

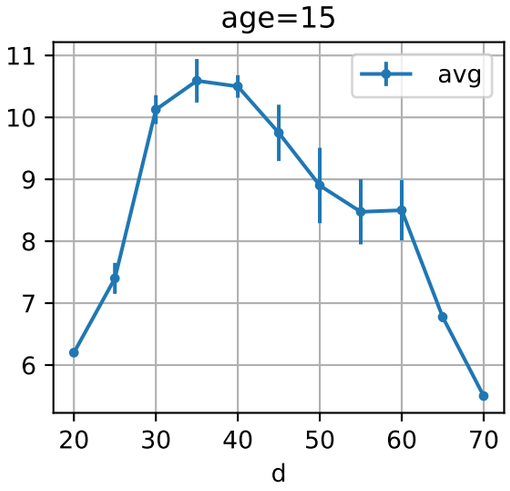

P10AE LfA: D_Q50_LfA
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
d
page 5

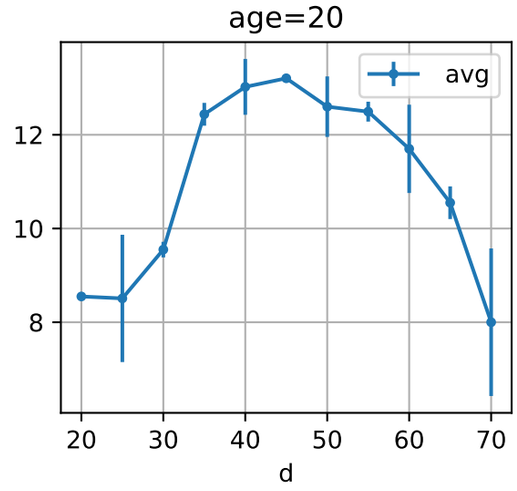

P10AE LfA: D_Est_LfA
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
d
page 6

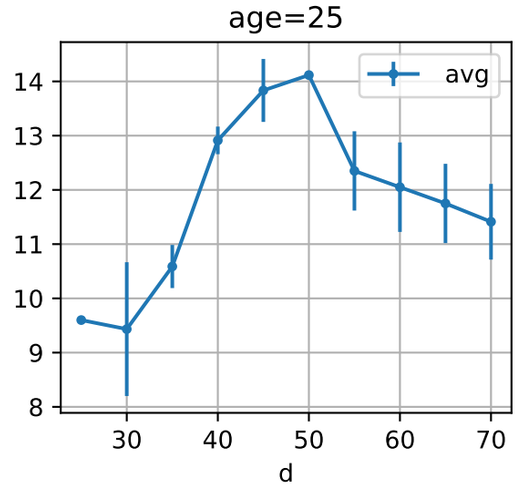

LfA: sfDem
sfDem
2.0
1.5
1.0
0.5
0.0
10
20
30
40
50
60
d

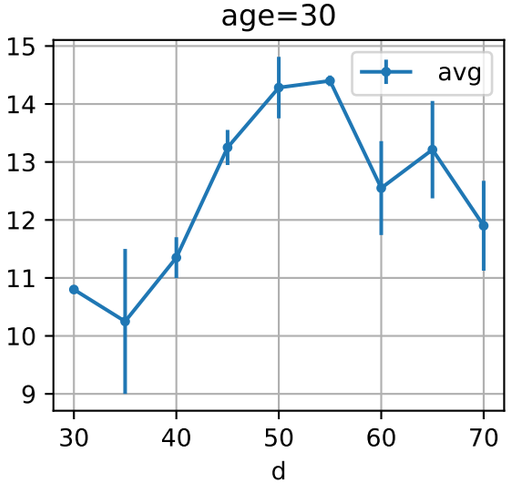

page 8
d
20
22
24
26
28
30
32
34
36
38
40
42
44
46
48
50
52
54
56
58
60
62
64
66
68
70
40
20
0
-20
-40

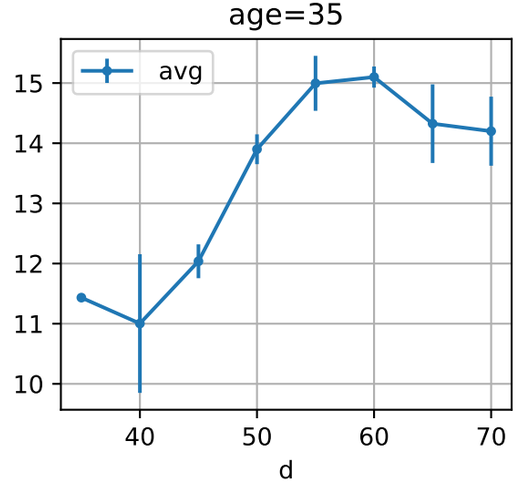
NdD: avg vs. d at each age group

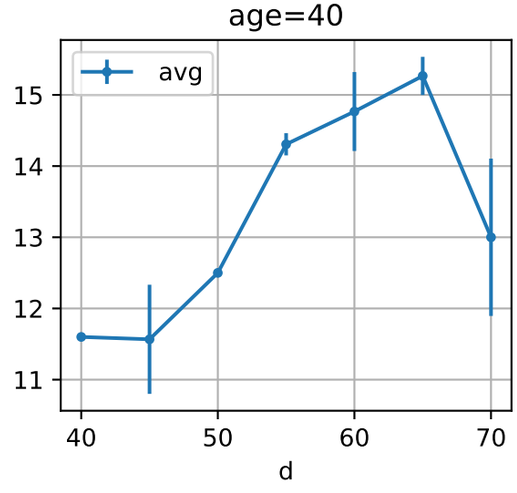


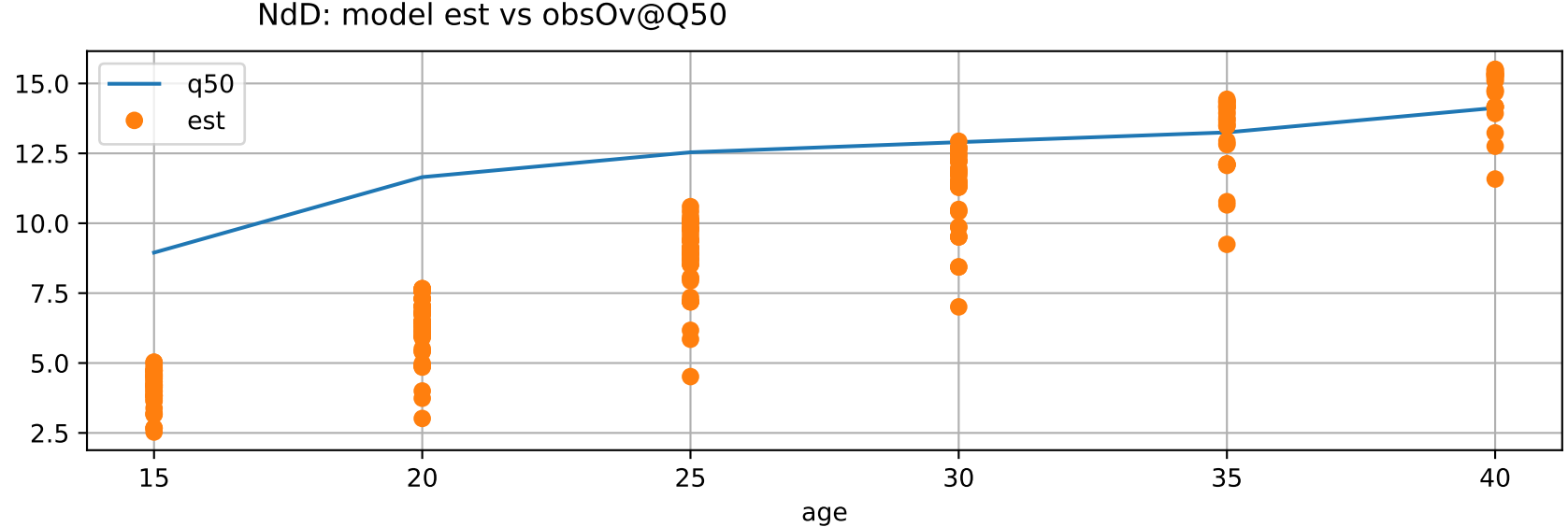


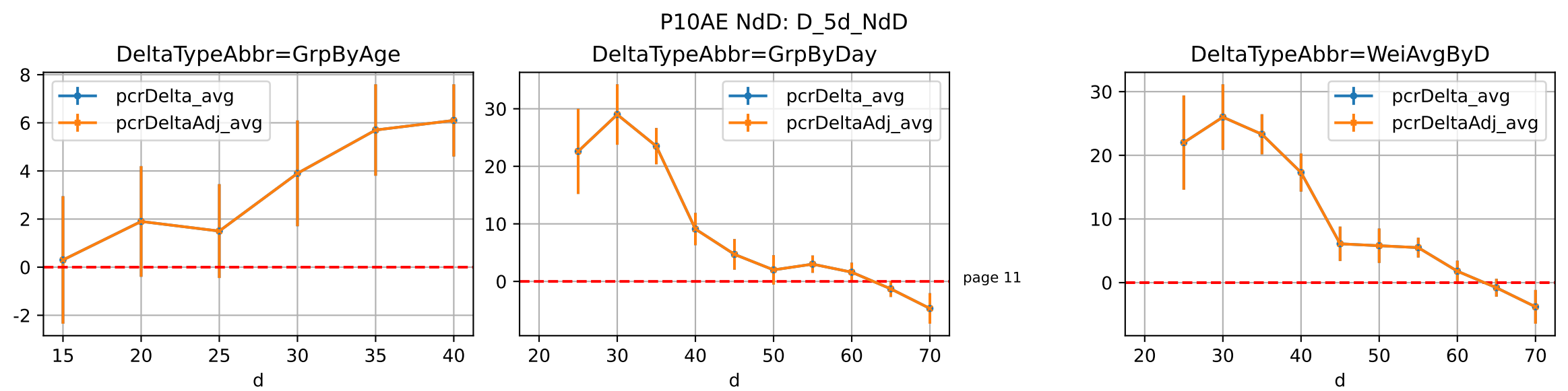


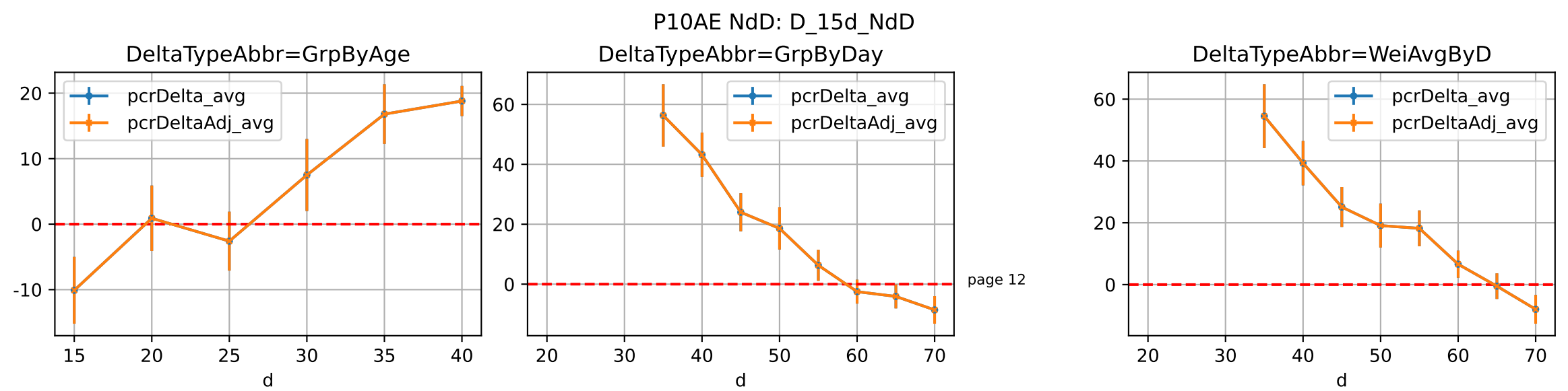


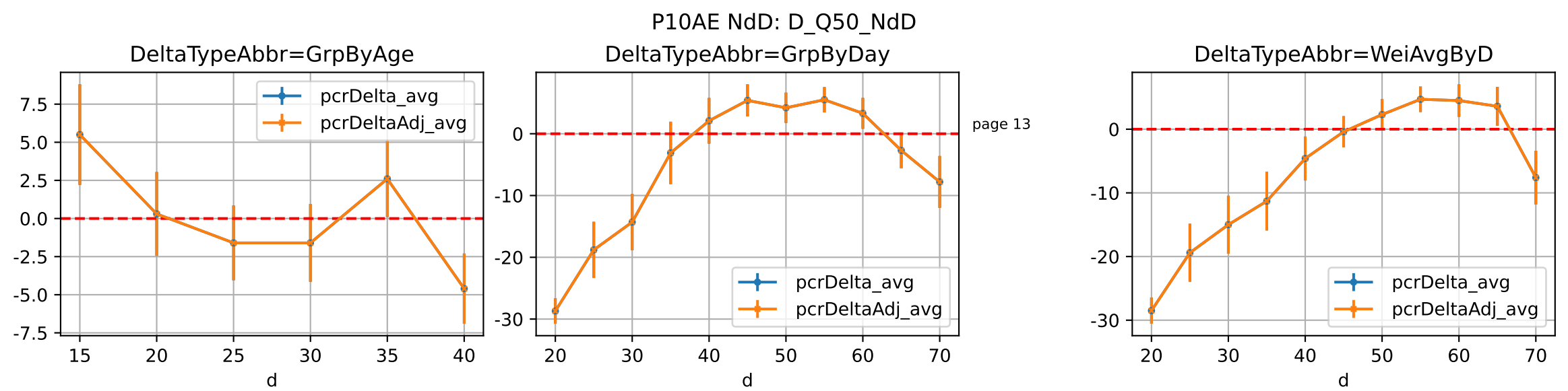


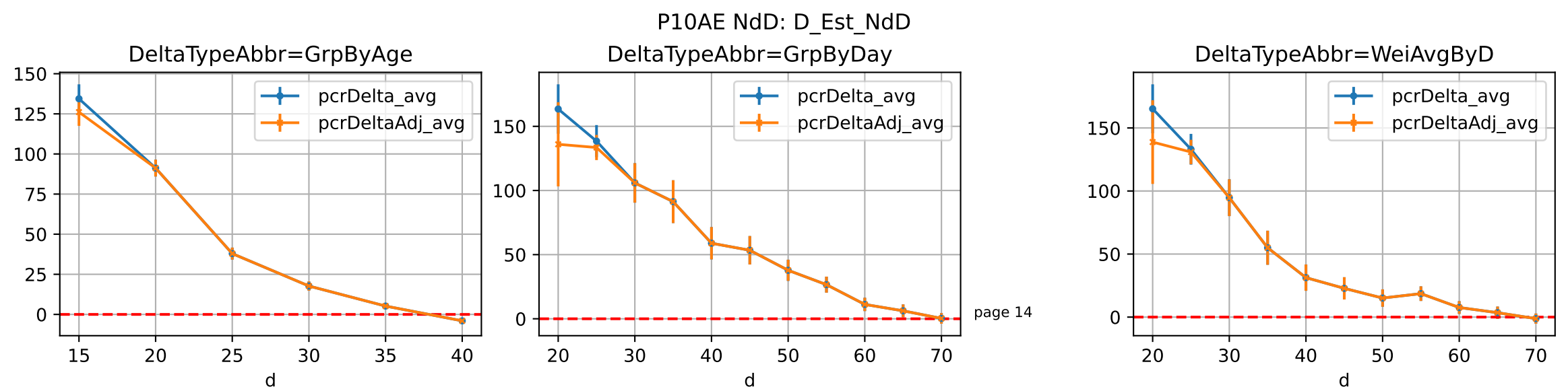


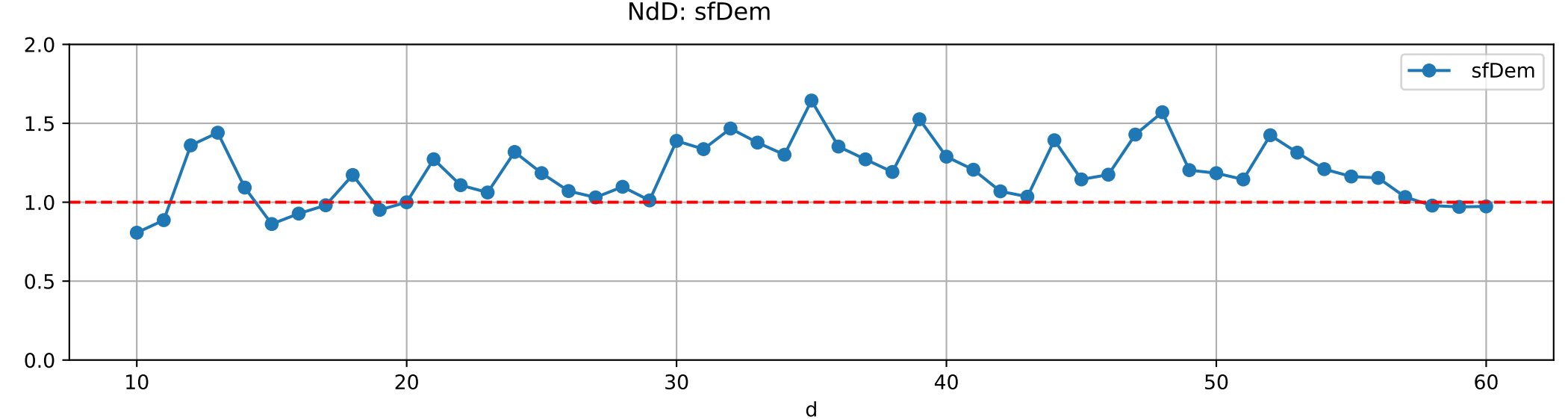

NdD: model est vs obsOv@Q50
q50
est
15.0
12.5
10.0
7.5
5.0
2.5
15
20
25
30
35
40
age

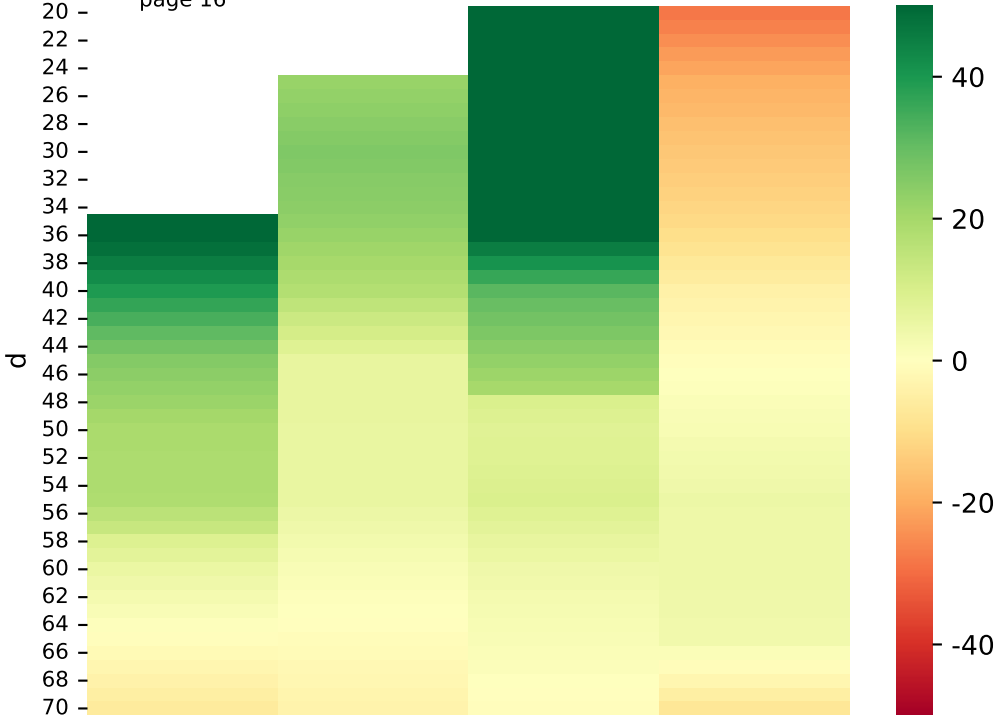

P10AE NdD: D_5d_NdD
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
d
page 11

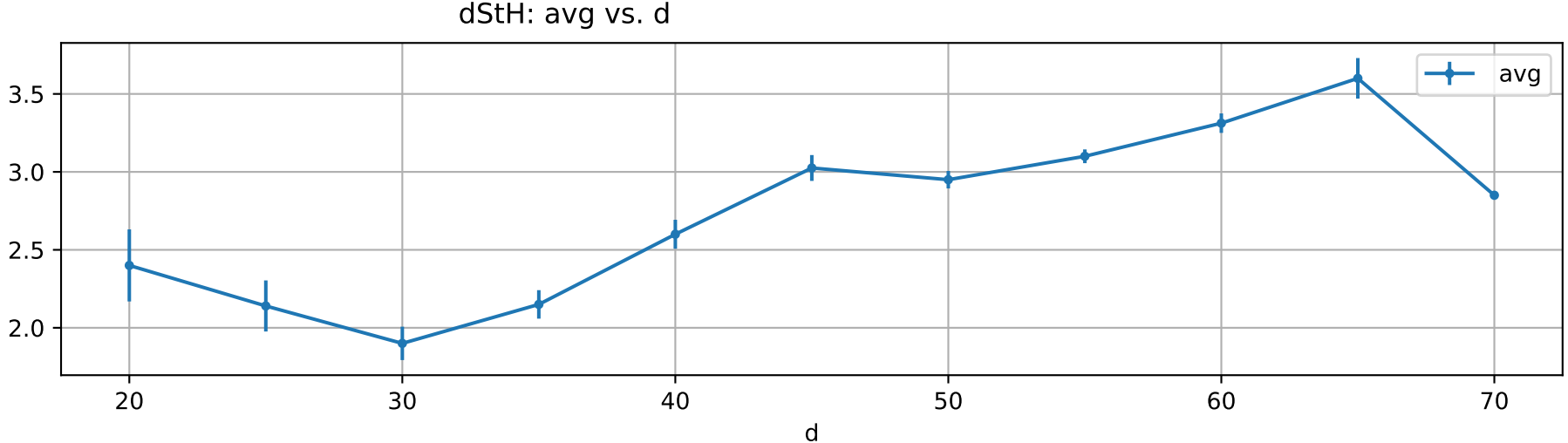

P10AE NdD: D_15d_NdD
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
d
page 12

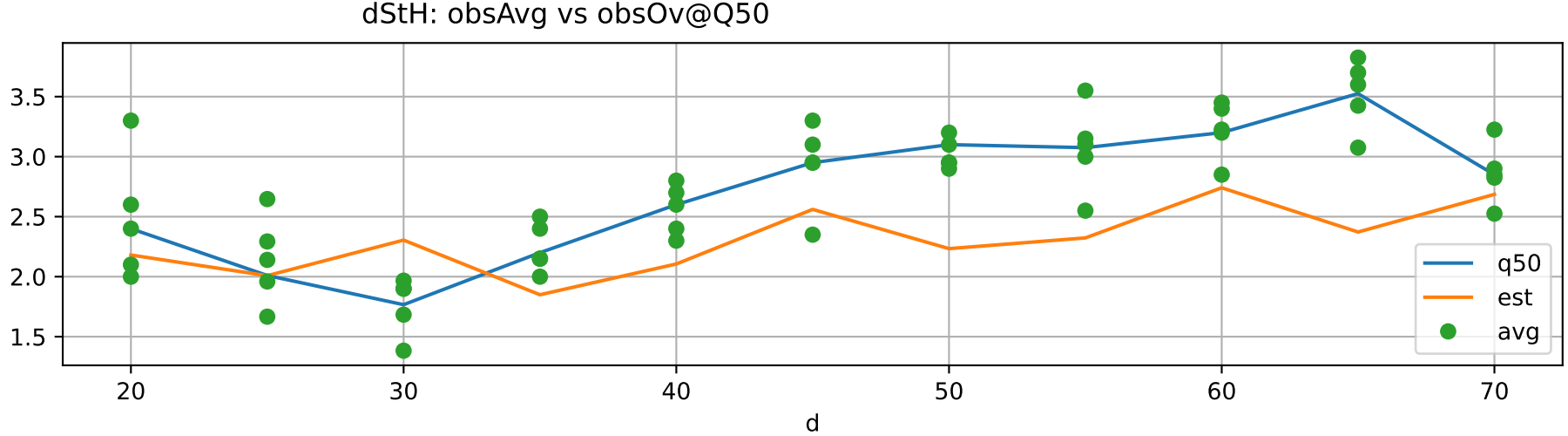

P10AE NdD: D_Q50_NdD
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
d
page 13

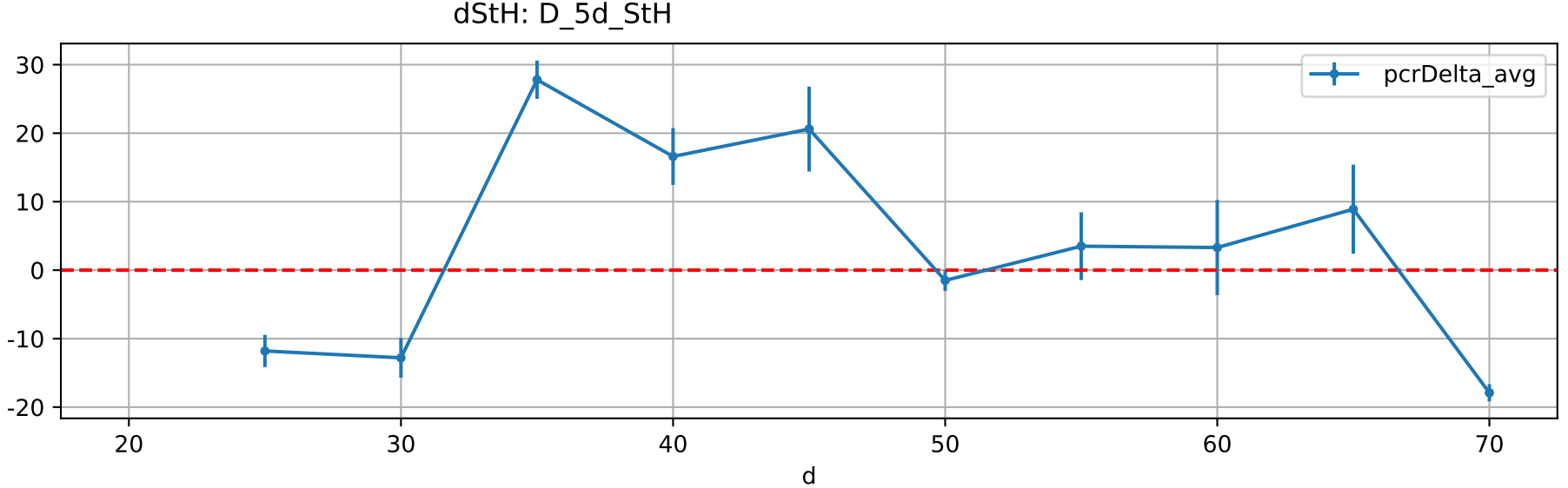

P10AE NdD: D_Est_NdD
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
d
page 14

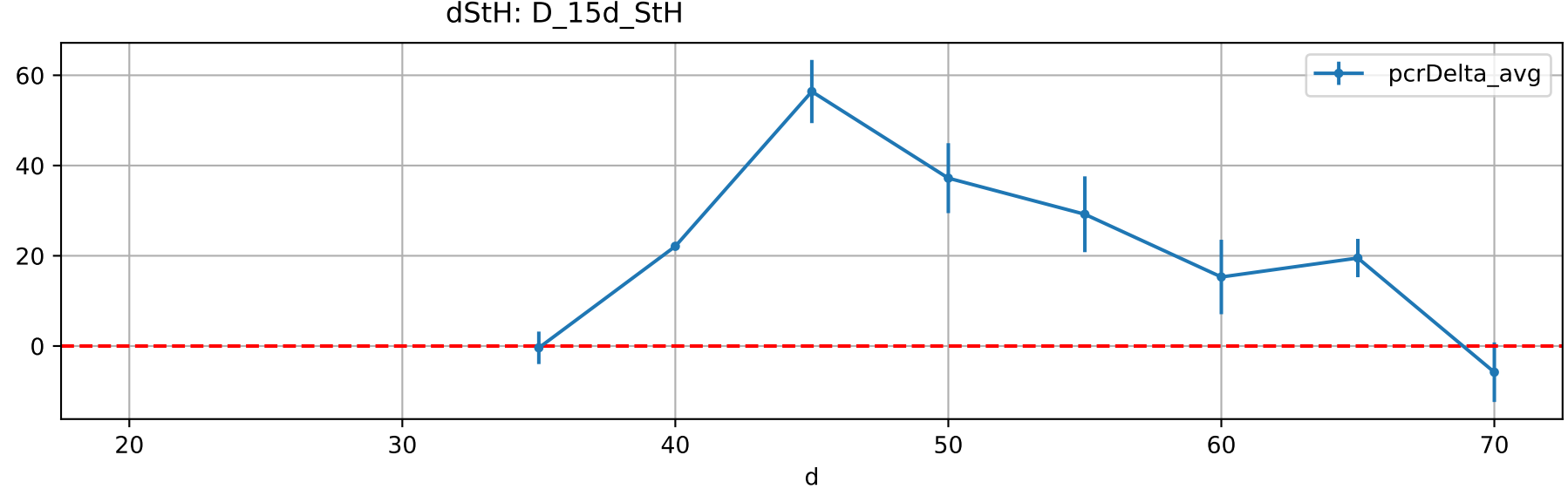

NdD: sfDem
sfDem
2.0
1.5
1.0
0.5
0.0
10
20
30
40
50
60
d

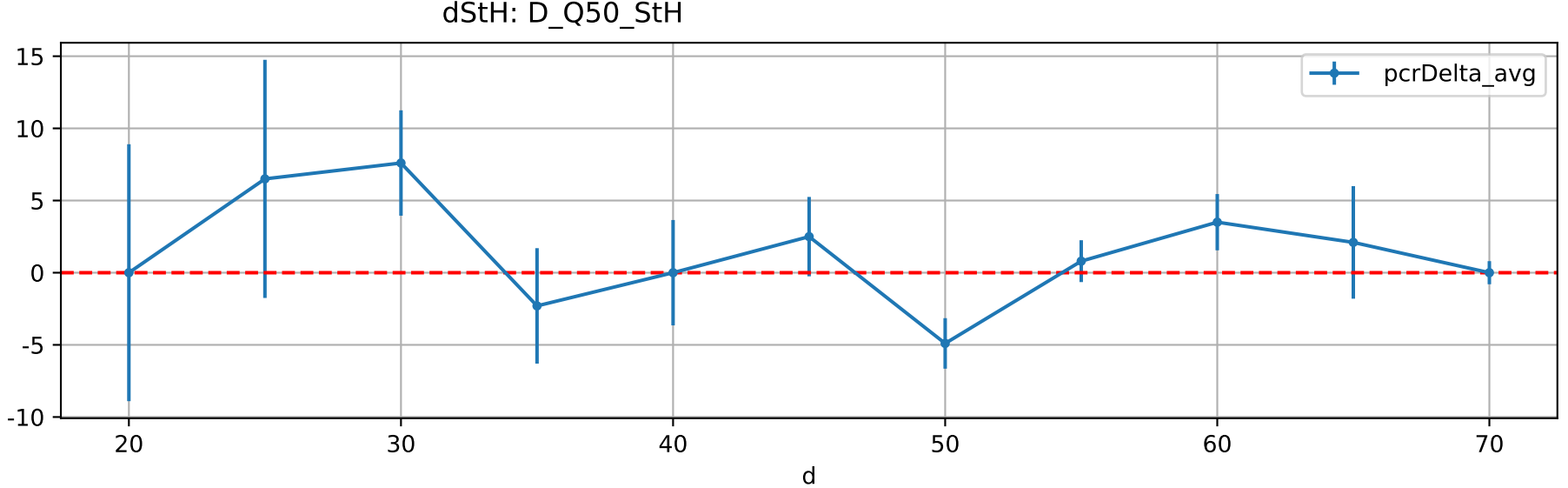

d
20
22
24
26
28
30
32
34
36
38
40
42
44
46
48
50
52
54
56
58
60
62
64
66
68
70
40
20
0
-20
-40

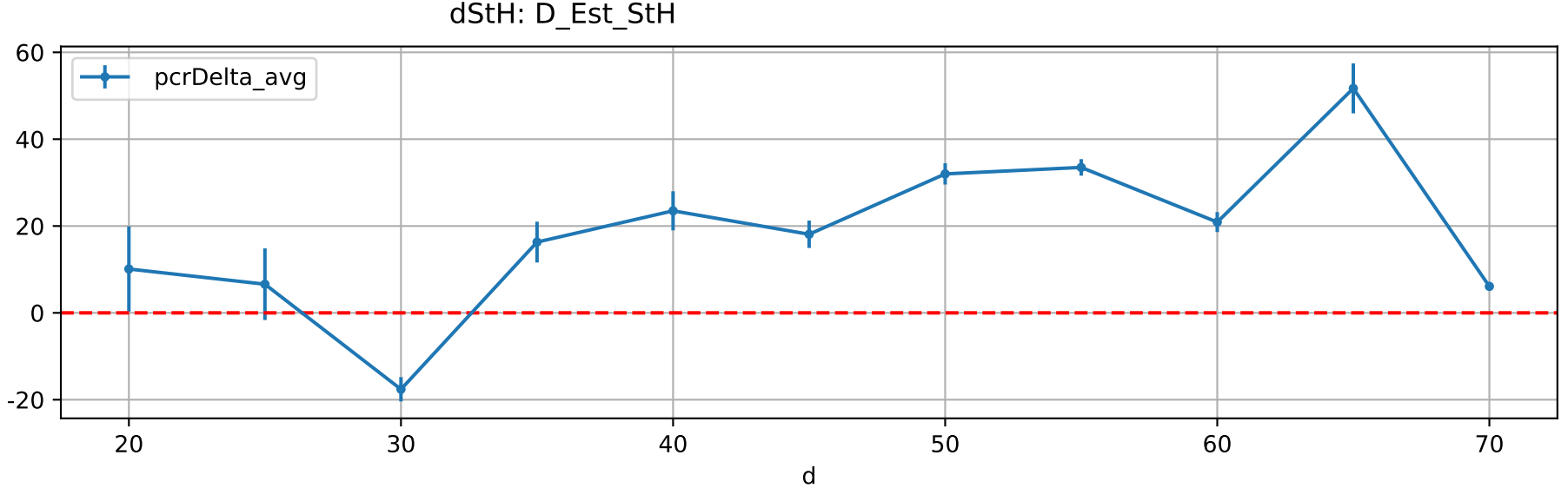

dStH: avg vs. d
avg
3.5
3.0
2.5
2.0
20
30
40
50
60
70
d

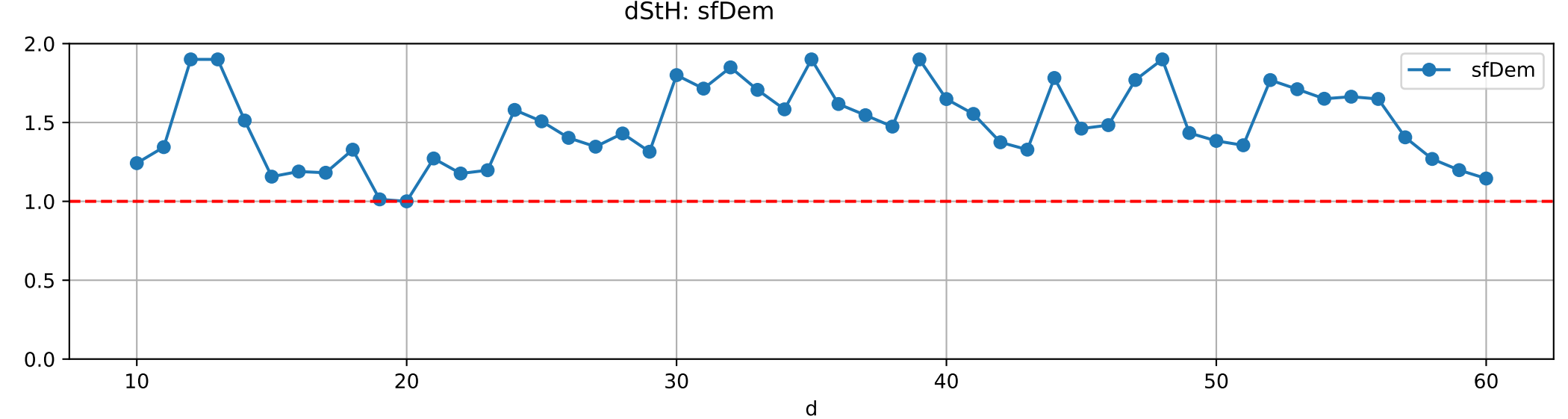

dStH: obsAvg vs obsOv@Q50
3.5
3.0
2.5
2.0
1.5
20
30
40
50
60
70
d
q50
est
avg

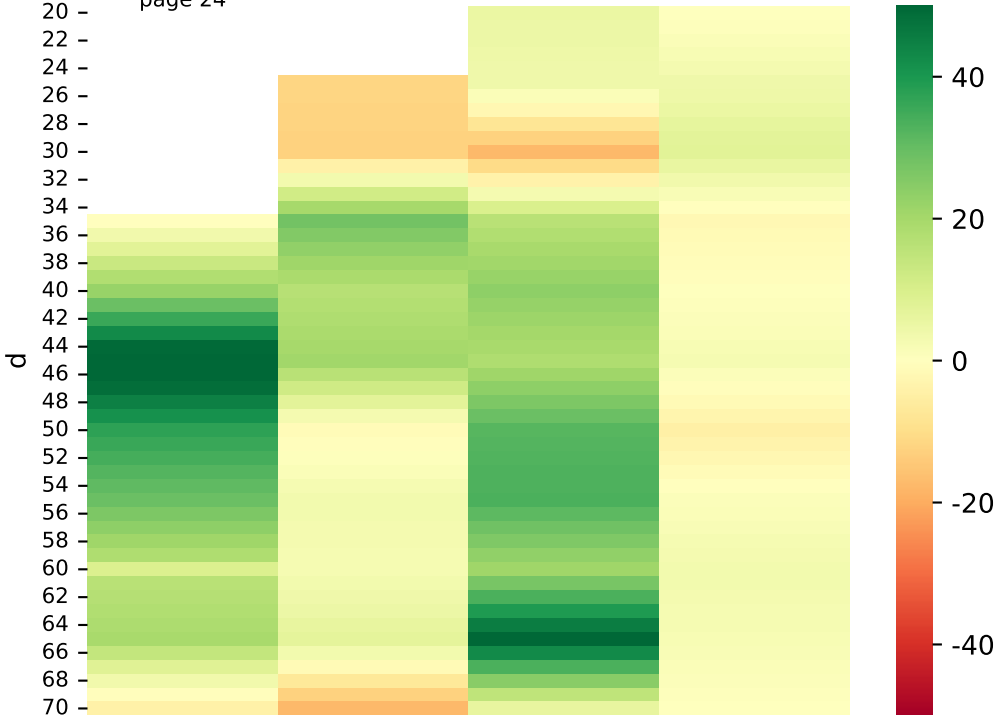

dStH: D_5d_StH
pcrDelta_avg
30
20
10
0
-10
-20
20
30
40
50
60
70
d

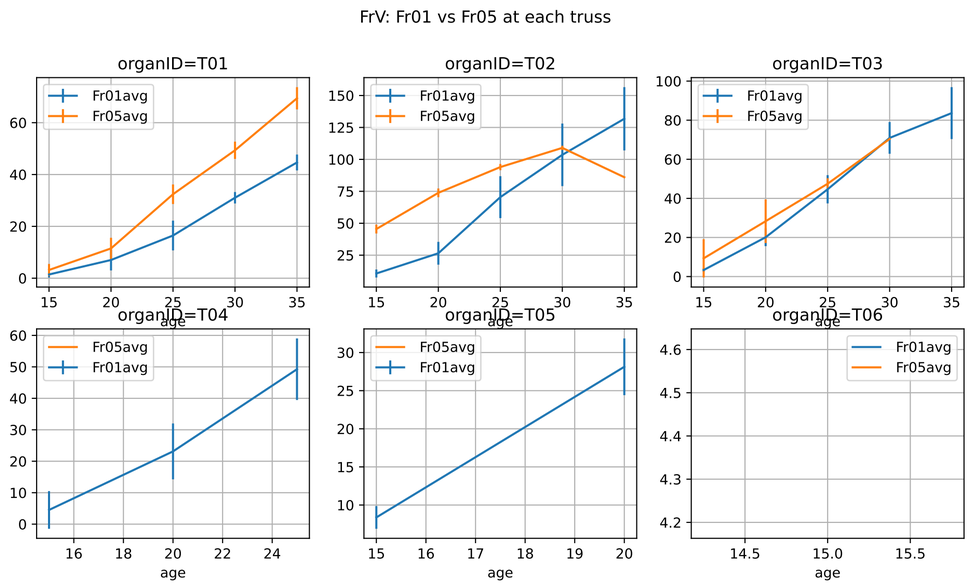

dStH: D_15d_StH
pcrDelta_avg
60
40
20
0
20
30
40
50
60
70
d

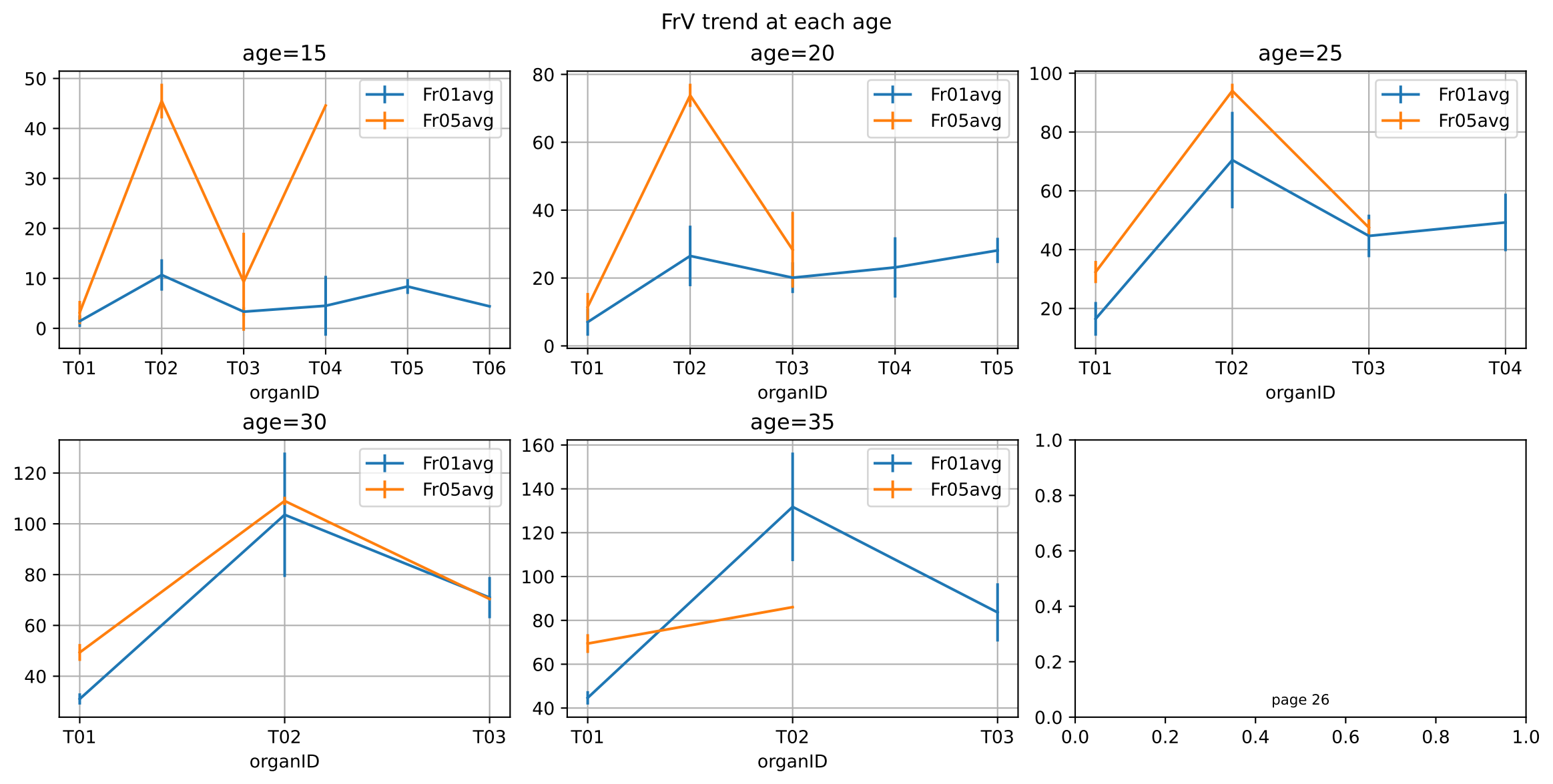

dStH: D_Q50_StH
pcrDelta_avg
15
10
5
0
-5
-10
20
30
40
50
60
70
d

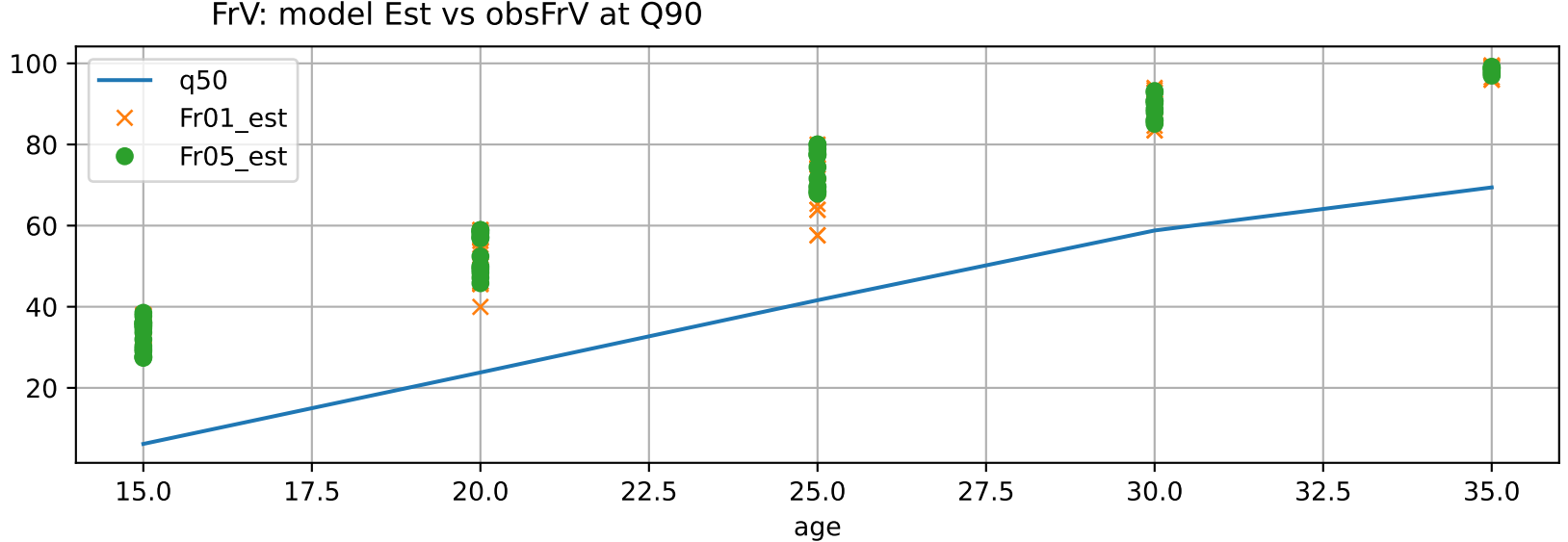

dStH: D_Est_StH
pcrDelta_avg
60
40
20
0
-20
20
30
40
50
60
70
d

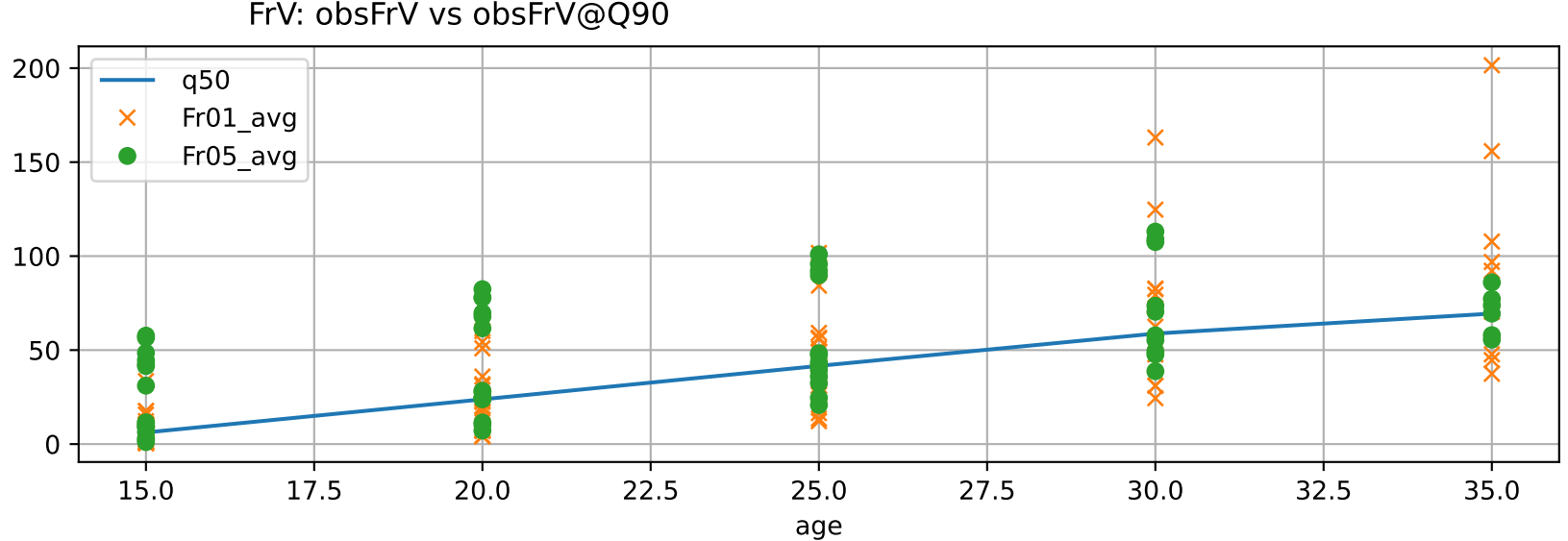

dStH: sfDem
sfDem
2.0
1.5
1.0
0.5
0.0
10
20
30
40
50
60
d

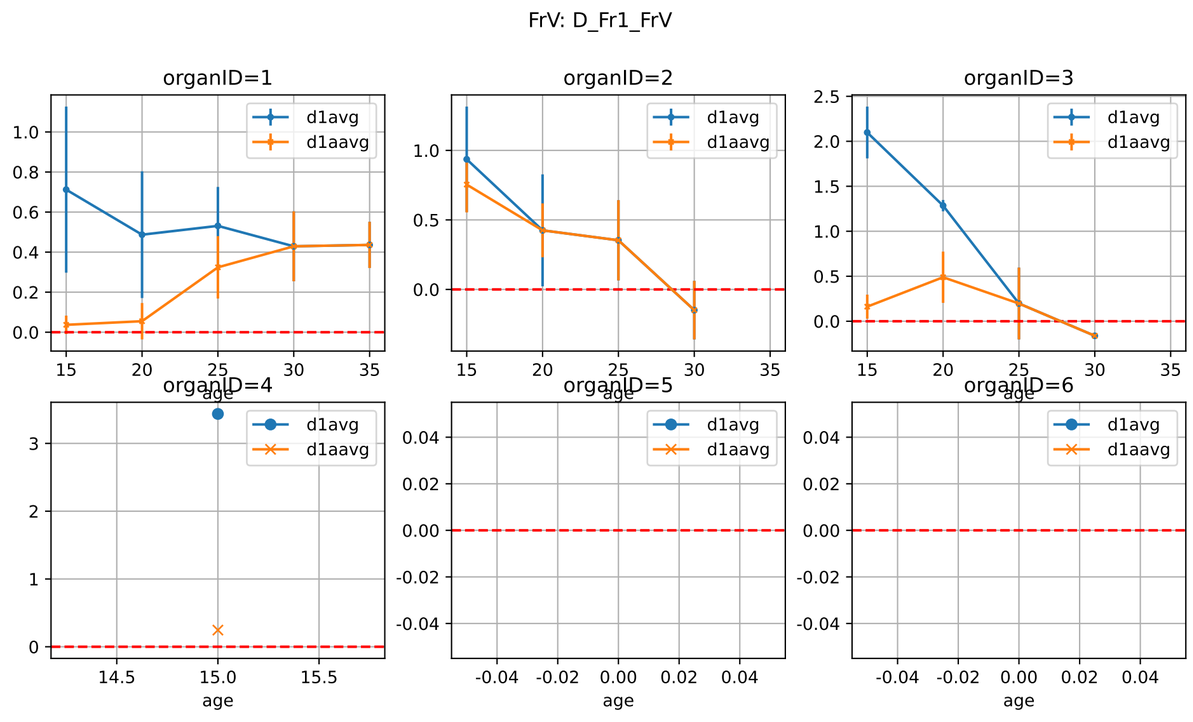

d
20
22
24
26
28
30
32
34
36
38
40
42
44
46
48
50
52
54
56
58
60
62
64
66
68
70
40
20
0
-20
-40

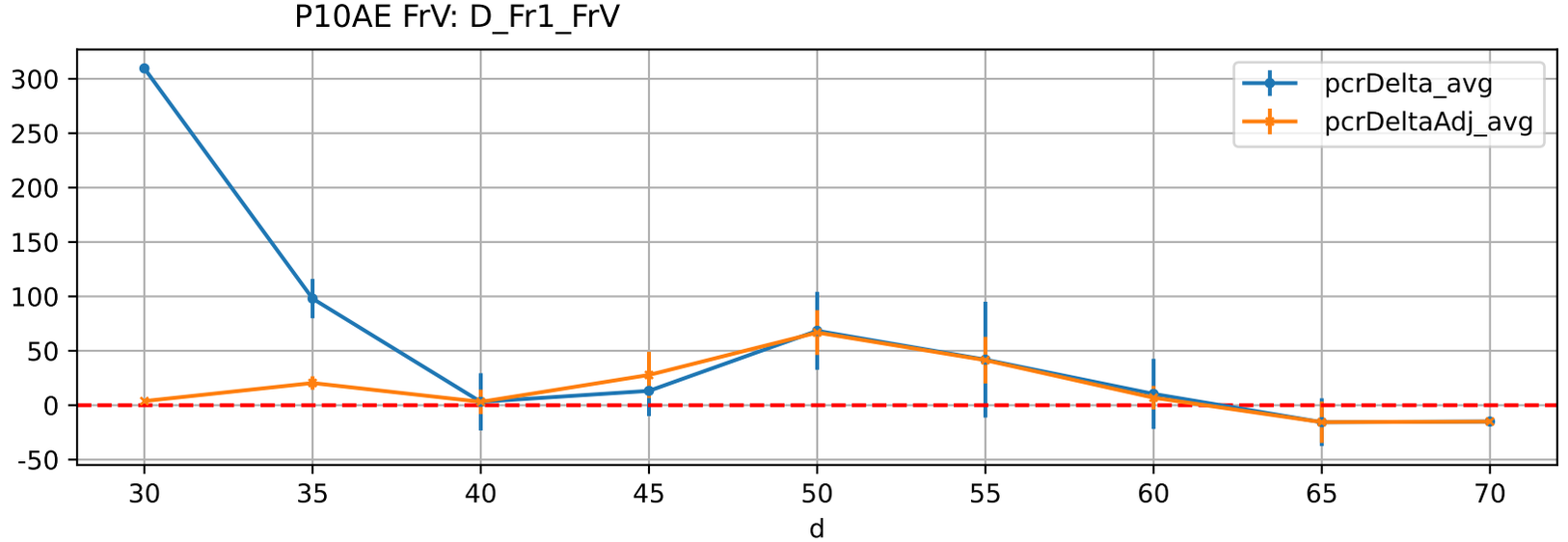

FrV: Fr01 vs Fr05 at each truss
organID=T01
organID=T02
organID=T03
organID=T04
organID=T05
organID=T06
Fr01avg
Fr05avg
age

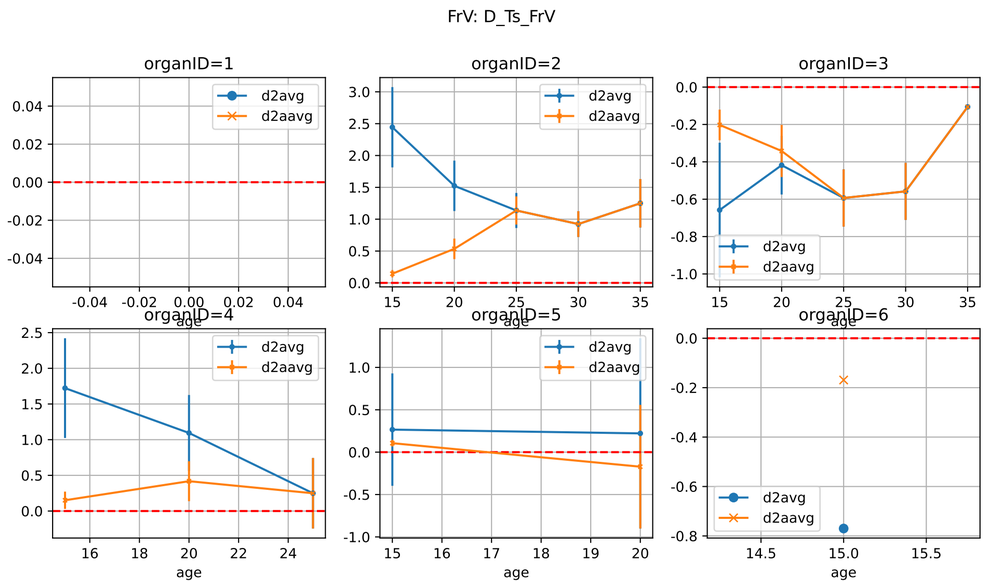

FrV trend at each age
age=15
Fr01avg
Fr05avg
organID
T01
T02
T03
T04
T05
T06
age=20
age=25
age=30
age=35
page 26

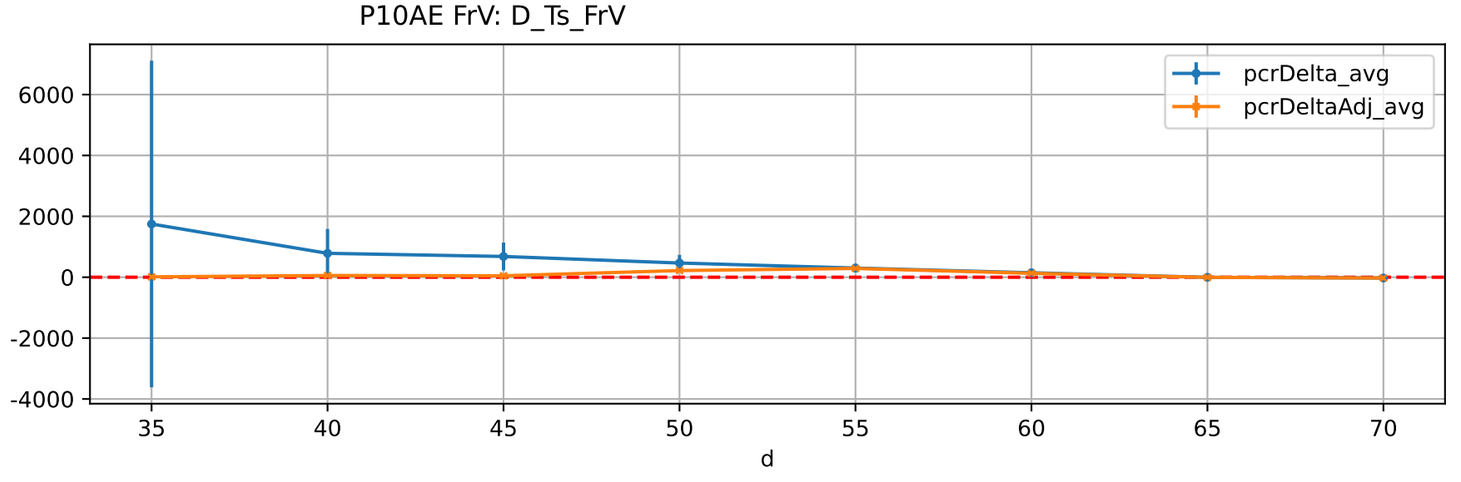

FrV: model Est vs obsFrV at Q90
q50
Fr01_est
Fr05_est
100
80
60
40
20
15.0
17.5
20.0
22.5
25.0
27.5
30.0
32.5
35.0
age

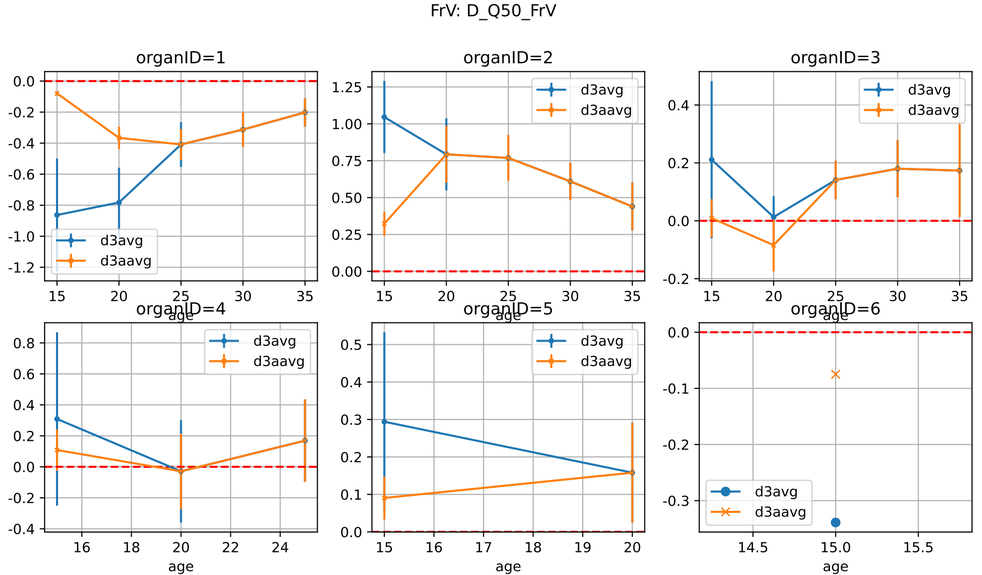

FrV: obsFrV vs obsFrV@Q90
q50
Fr01_avg
Fr05_avg
200
150
100
50
0
15.0
17.5
20.0
22.5
25.0
27.5
30.0
32.5
35.0
age

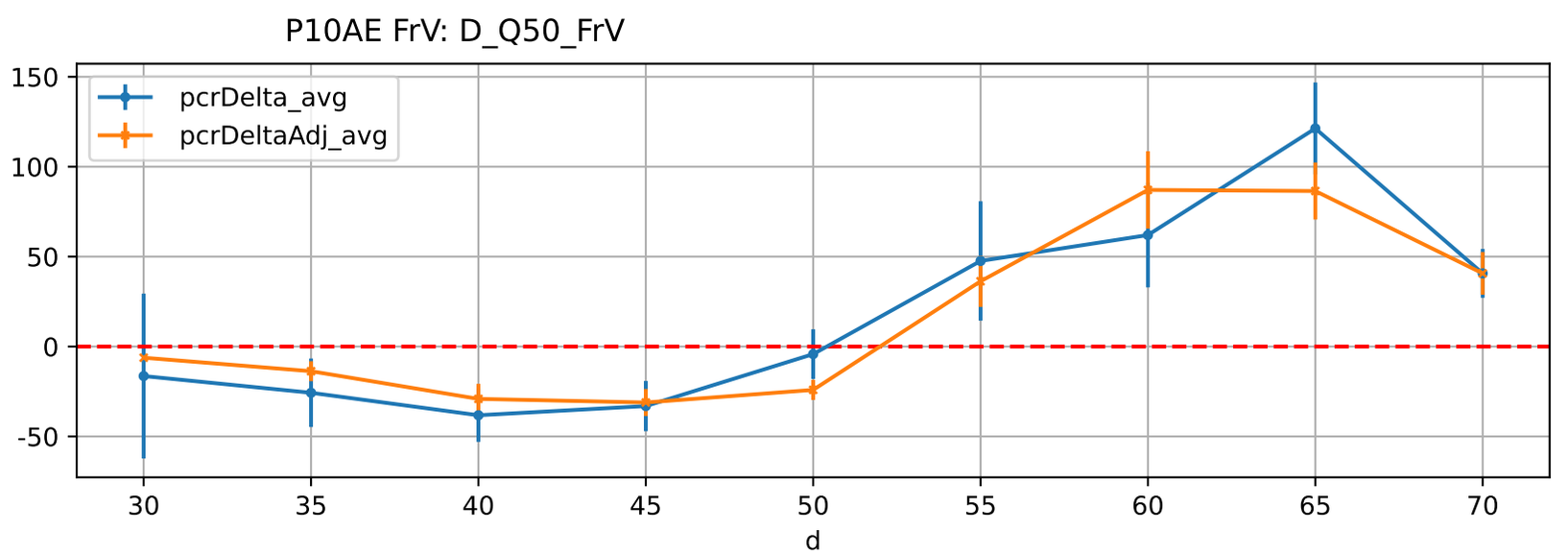

FrV: D_Fr1_FrV
organID=1
organID=2
organID=3
organID=4
organID=5
organID=6
d1avg
d1aavg
age

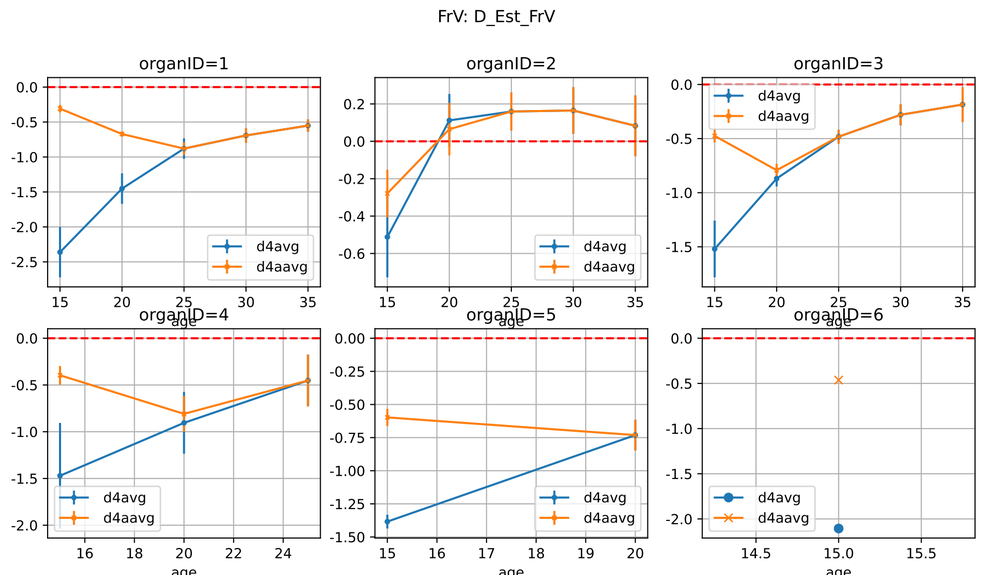

P10AE FrV: D_Fr1_FrV
pcrDelta_avg
pcrDeltaAdj_avg
300
250
200
150
100
50
0
-50
30
35
40
45
50
55
60
65
70
d

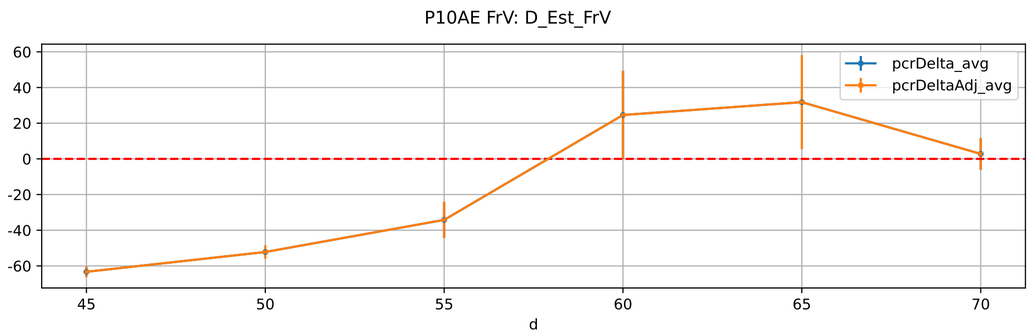

FrV: D_Ts_FrV
organID=1
organID=2
organID=3
organID=4
organID=5
organID=6
d2avg
d2aavg
age

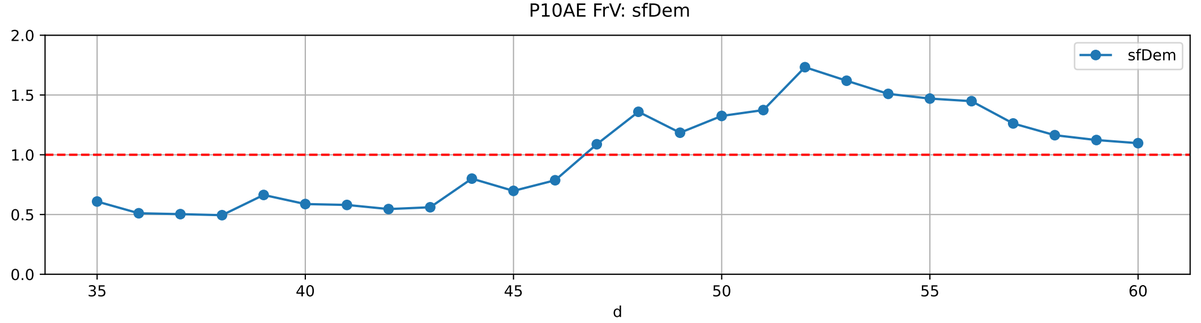

P10AE FrV: D_Ts_FrV
pcrDelta_avg
pcrDeltaAdj_avg
6000
4000
2000
0
-2000
-4000
35
40
45
50
55
60
65
70
d

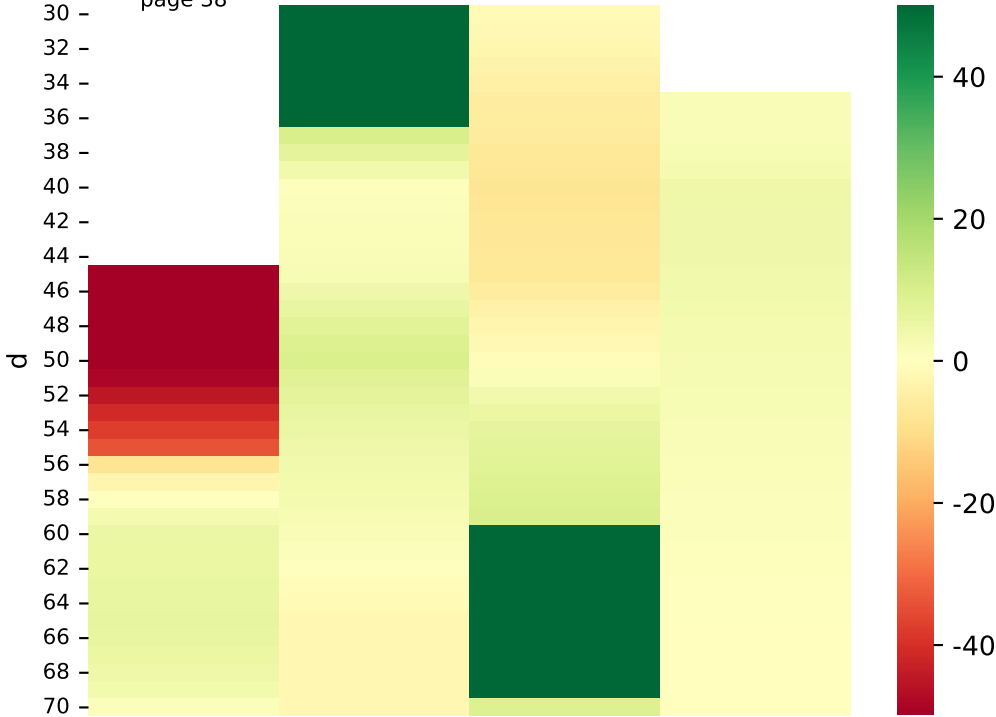

FrV: D_Q50_FrV
organID=1
organID=2
organID=3
organID=4
organID=5
organID=6
d3avg
d3aavg
age

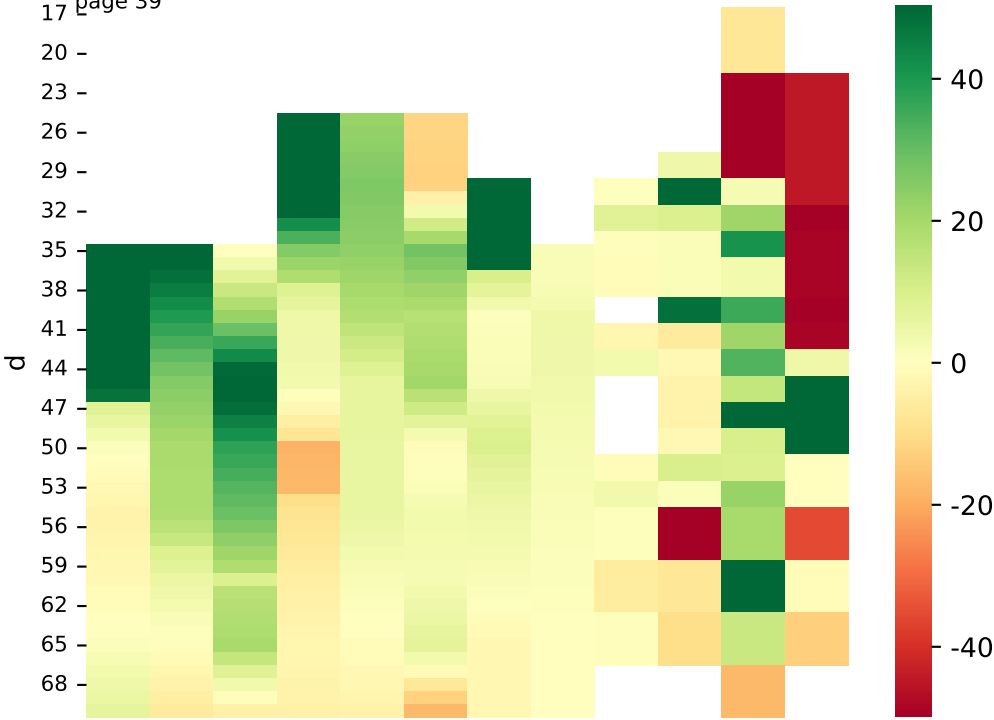

P10AE FrV: D_Q50_FrV
pcrDelta_avg
pcrDeltaAdj_avg
150
100
50
0
-50
30
35
40
45
50
55
60
65
70
d


FrV: D_Est_FrV
organID=1
organID=2
organID=3
organID=4
organID=5
organID=6
d4avg
d4aavg
age


P10AE FrV: D_Est_FrV
pcrDelta_avg
pcrDeltaAdj_avg
60
40
20
0
-20
-40
-60
45
50
55
60
65
70
d


P10AE FrV: sfDem
sfDem
2.0
1.5
1.0
0.5
0.0
35
40
45
50
55
60
d


d
30
32
34
36
38
40
42
44
46
48
50
52
54
56
58
60
62
64
66
68
70
40
20
0
-20
-40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