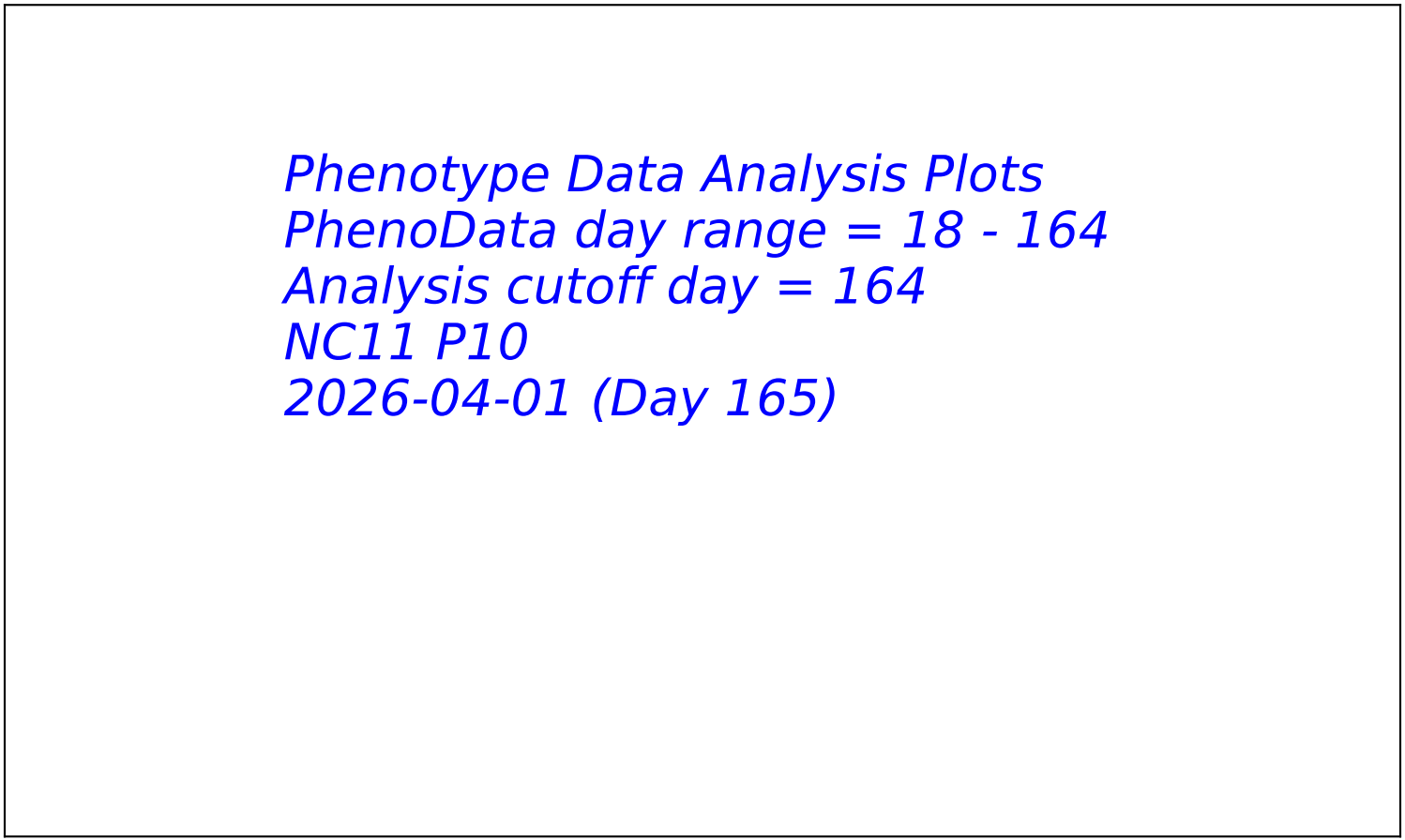
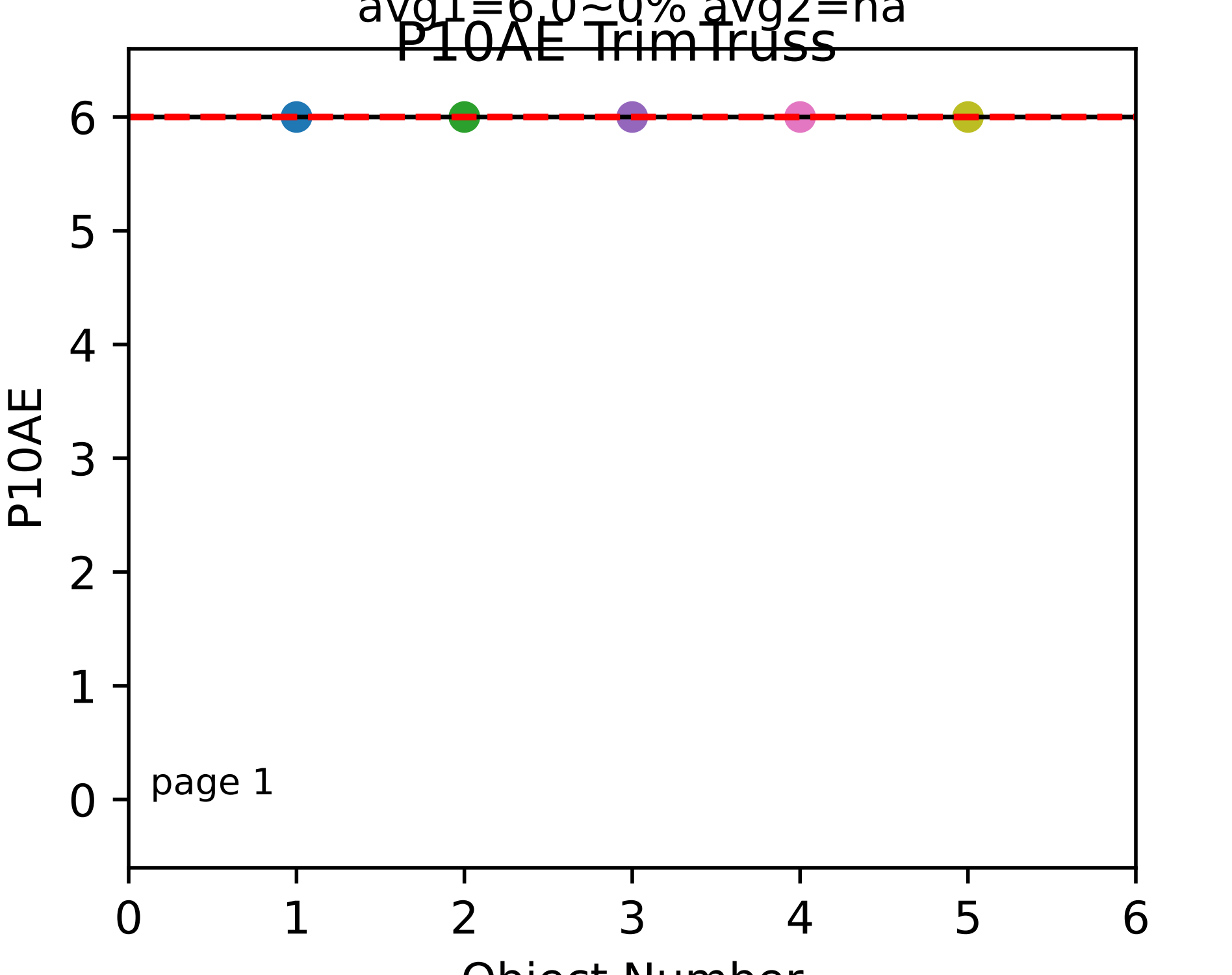
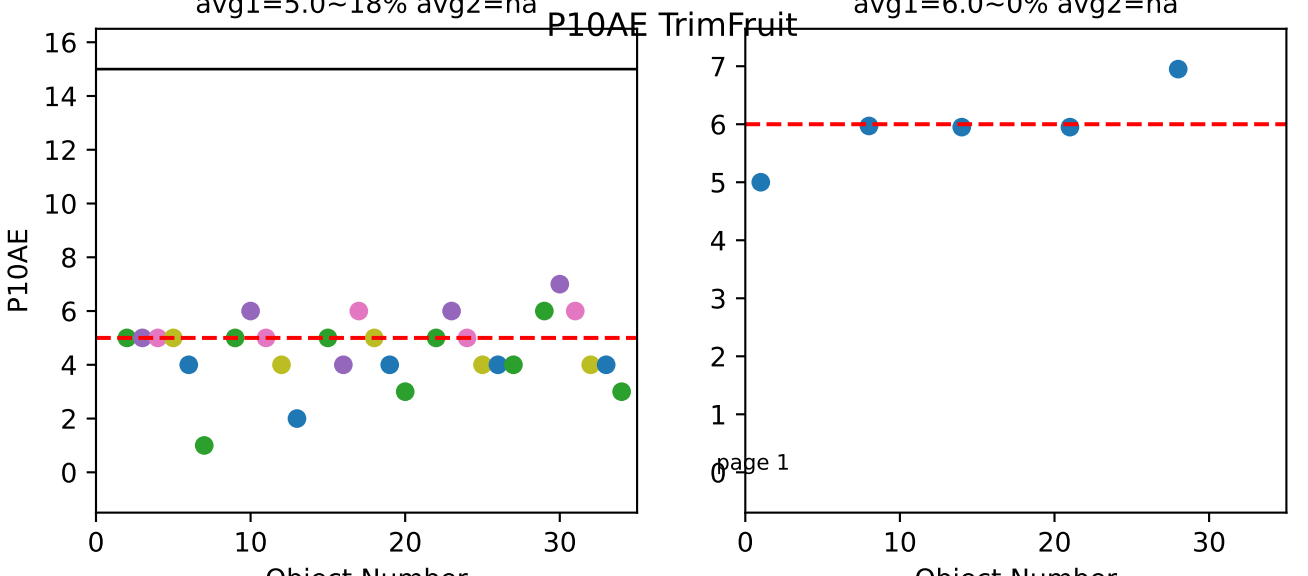
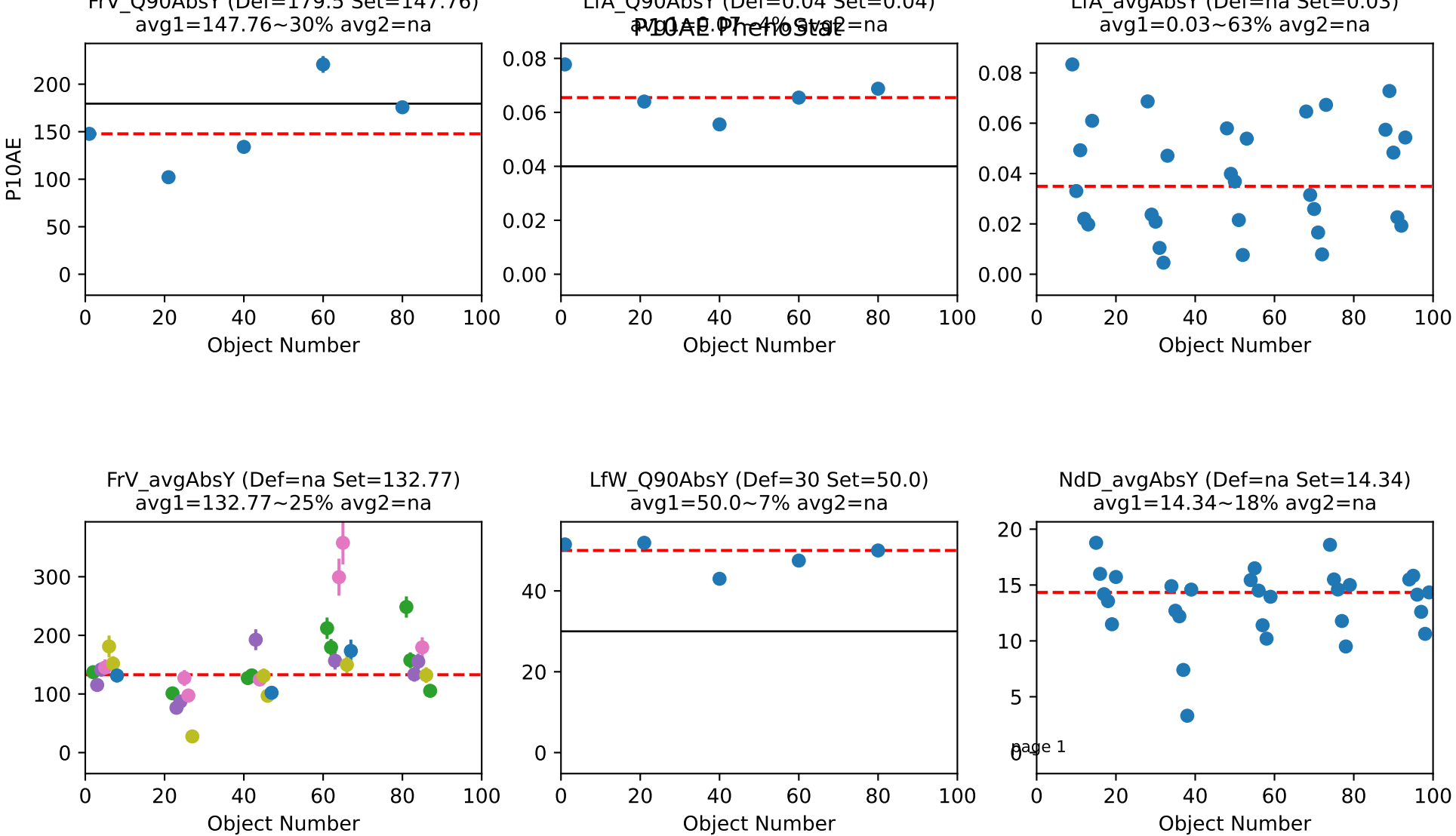
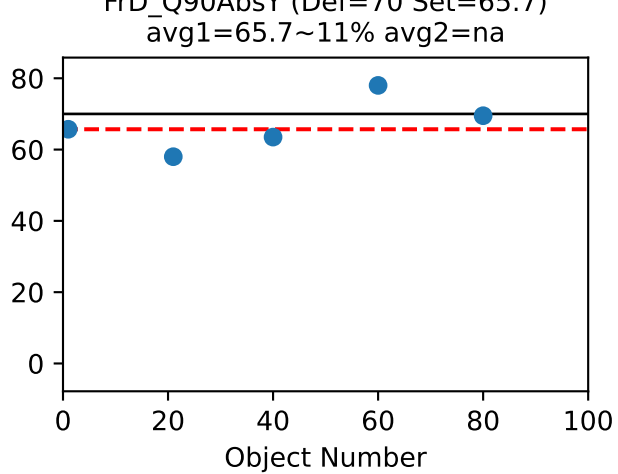
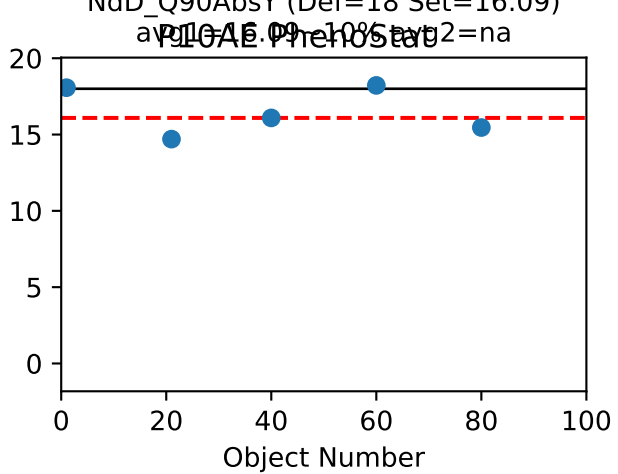

Phenotype Data Analysis Plots
PhenoData day range = 18 - 164
Analysis cutoff day = 164
NC11 P10
2026-04-01 (Day 165)

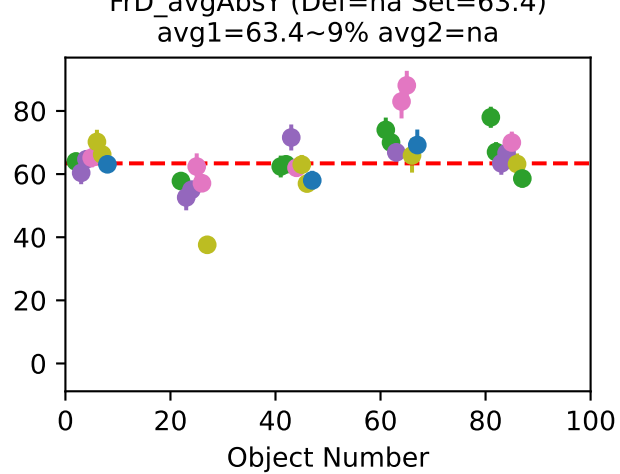

avg1=6.0≈0% avg2=na
P10AE TrimTruss
P10AE
Object Number
page 1
0
1
2
3
4
5
6

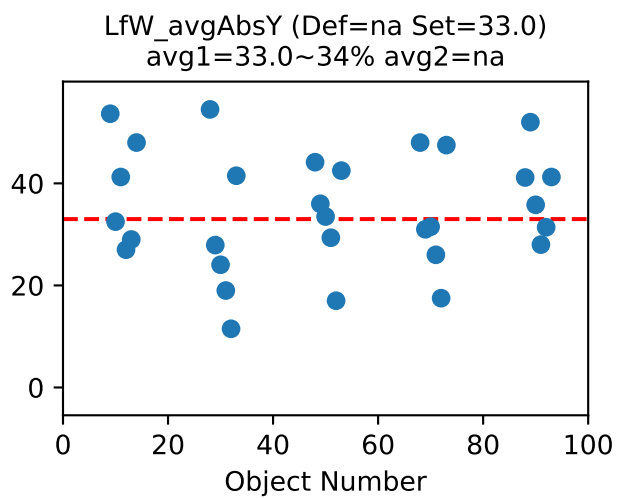

avg1=5.0~18% avg2=na
avg1=6.0~0% avg2=na
P10AE TrimFruit
P10AE
Object Number
page 1

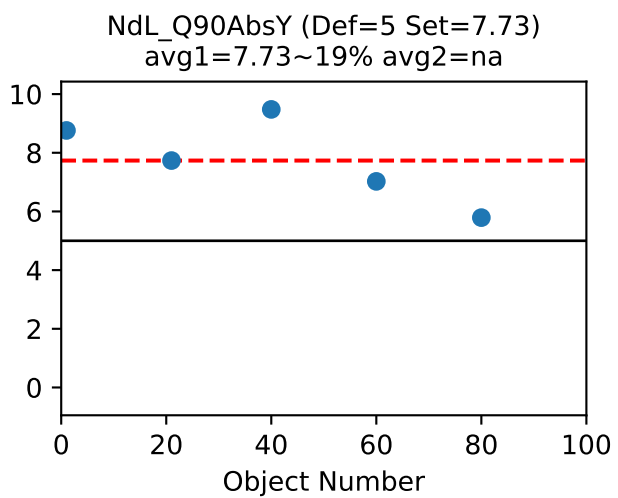

FrV_Q90AbsY (Def=179.5 Set=147.76)
avg1=147.76~30% avg2=na
P10AE
Object Number
LfA_Q90AbsY (Def=0.04 Set=0.04)
avg1=0.07~4% avg2=na
Object Number
LfA_avgAbsY (Def=na Set=0.03)
avg1=0.03~63% avg2=na
Object Number
FrV_avgAbsY (Def=na Set=132.77)
avg1=132.77~25% avg2=na
Object Number
LfW_Q90AbsY (Def=30 Set=50.0)
avg1=50.0~7% avg2=na
Object Number
NdD_avgAbsY (Def=na Set=14.34)
avg1=14.34~18% avg2=na
Object Number
page 1

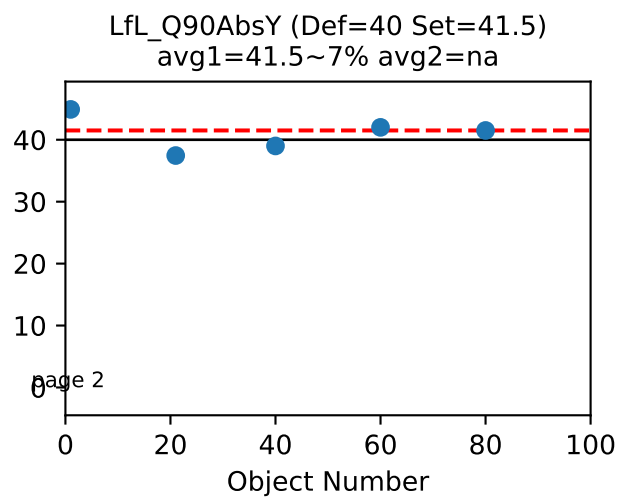

FrD_Q90AbsY (Def=70 Set=65.7)
avg1=65.7~11% avg2=na
Object Number


NdD_Q90AbsY (Def=18 Set=16.09)
avg1=16.09~10% avg2=na
Object Number

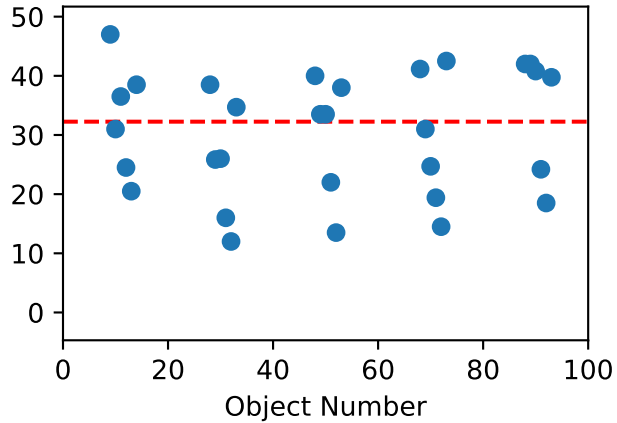

FrD_avgAbsY (Def=na Set=63.4)
avg1=63.4~9% avg2=na
Object Number


LfW_avgAbsY (Def=na Set=33.0)
avg1=33.0~34% avg2=na
Object Number

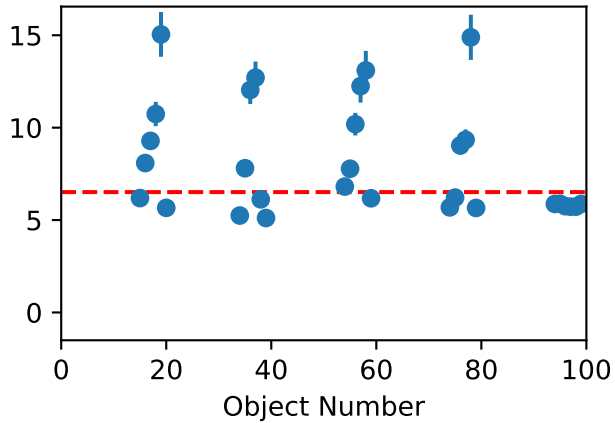

NdL_Q90AbsY (Def=5 Set=7.73)
avg1=7.73~19% avg2=na
Object Number


LfL_Q90AbsY (Def=40 Set=41.5)
avg1=41.5~7% avg2=na
Object Number

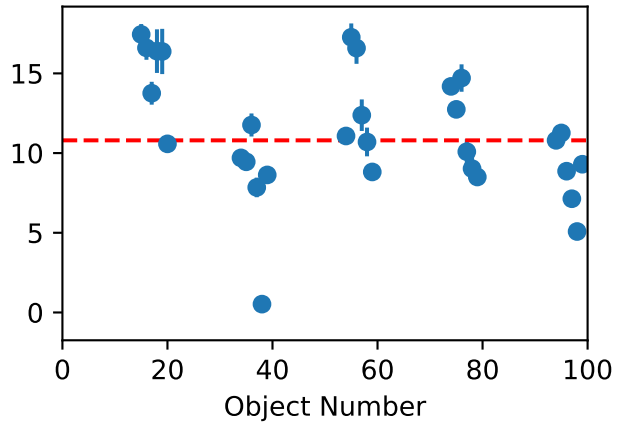
LiL_avgAbsY (Def=na Set=32.25)
avg1=32.25~32% avg2=na



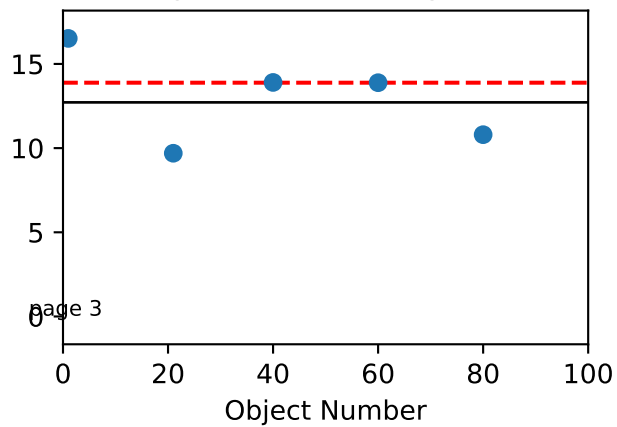
NdL_avgAbsY (Def=na Set=6.51)
avg1=6.51~47% avg2=na

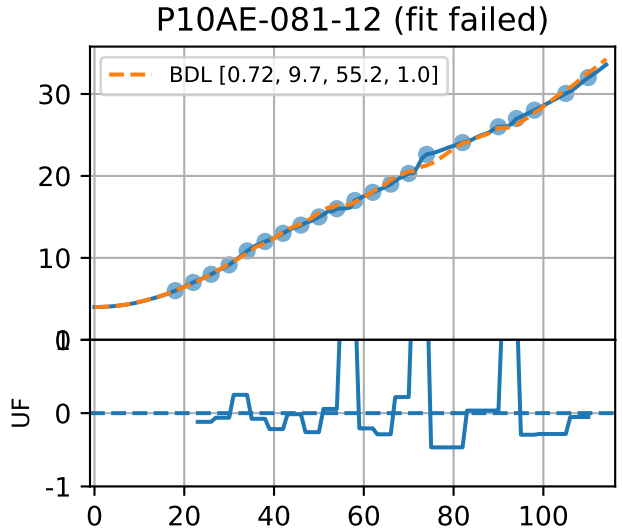


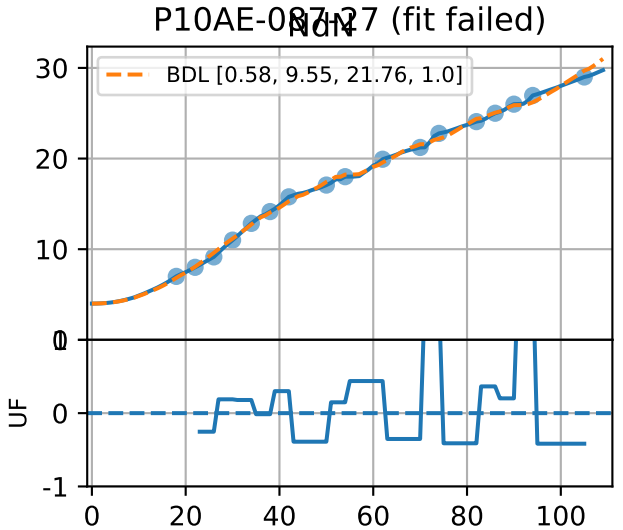
NdV_avgAbsY (Def=na Set=10.8)
avg1=10.8~31% avg2=na

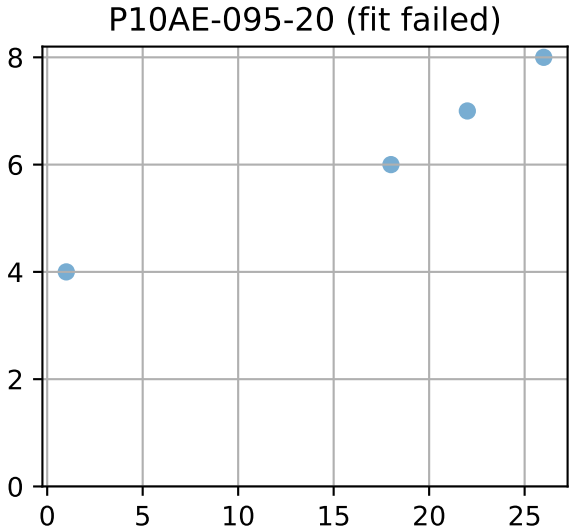


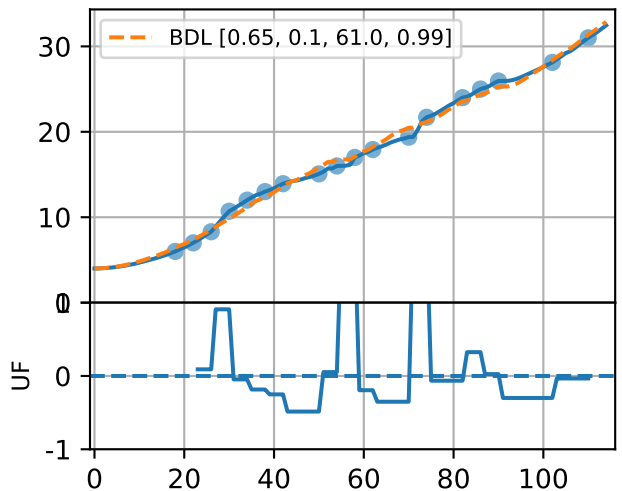
NdV_Q90AbsY (Def=12.72 Set=13.89)
avg1=13.89~20% avg2=na

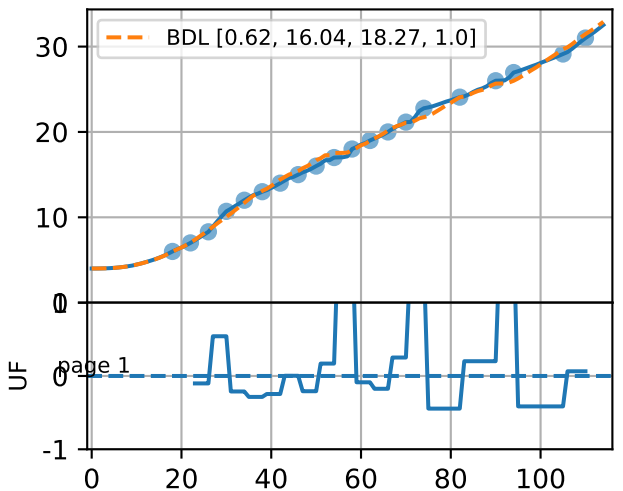


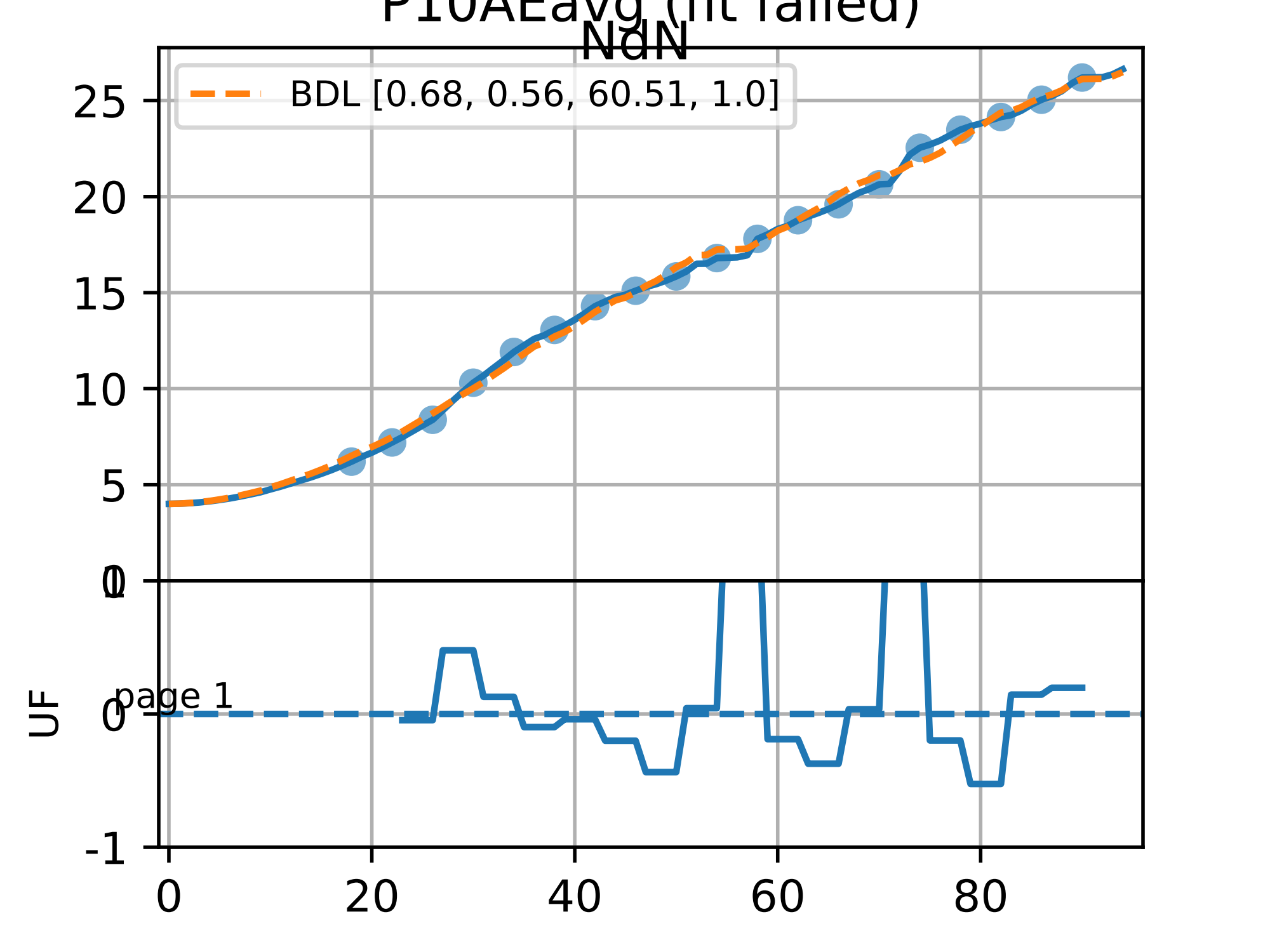

P10AE-081-12 (fit failed)
BDL [0.72, 9.7, 55.2, 1.0]
UF

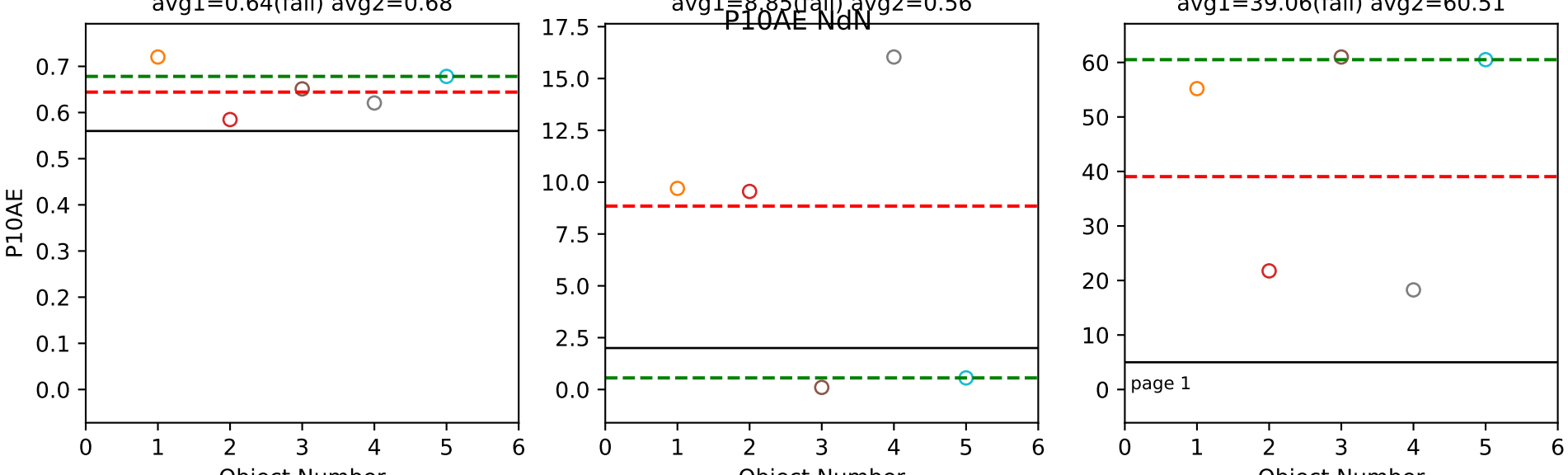

P10AE-087-27 (fit failed)
BDL [0.58, 9.55, 21.76, 1.0]
UF

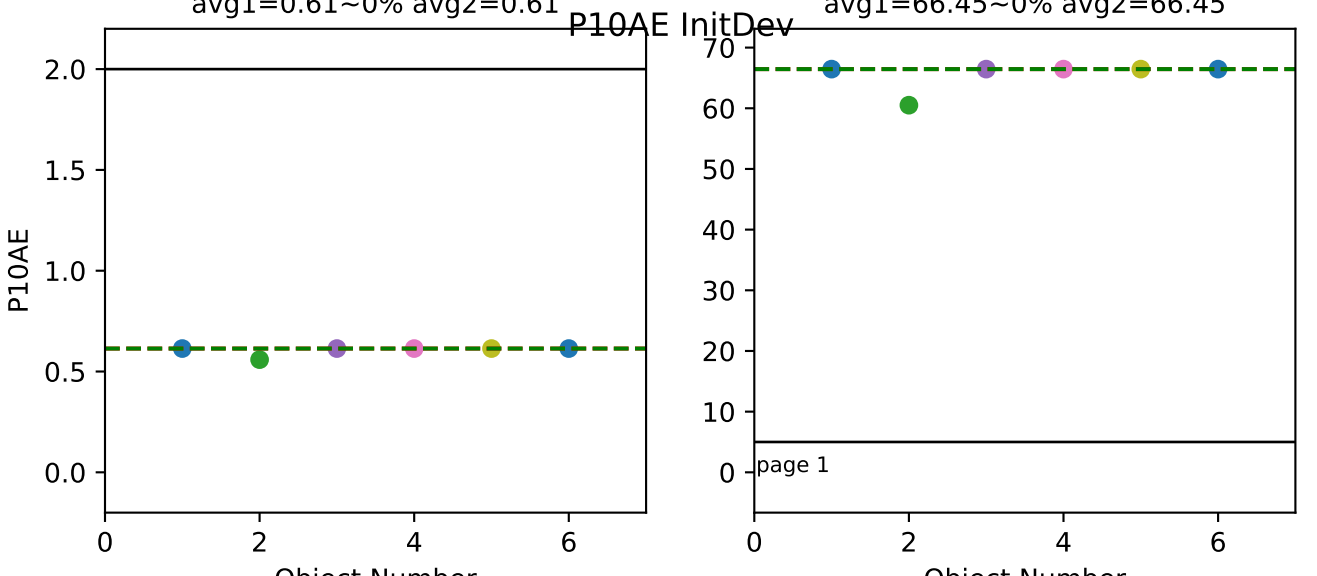

P10AE-095-20 (fit failed)

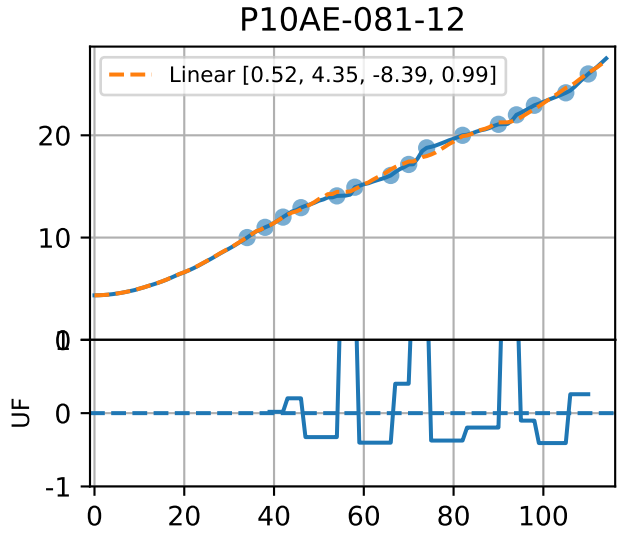

P10AE-103-32 (fit failed)
BDL [0.65, 0.1, 61.0, 0.99]
UF

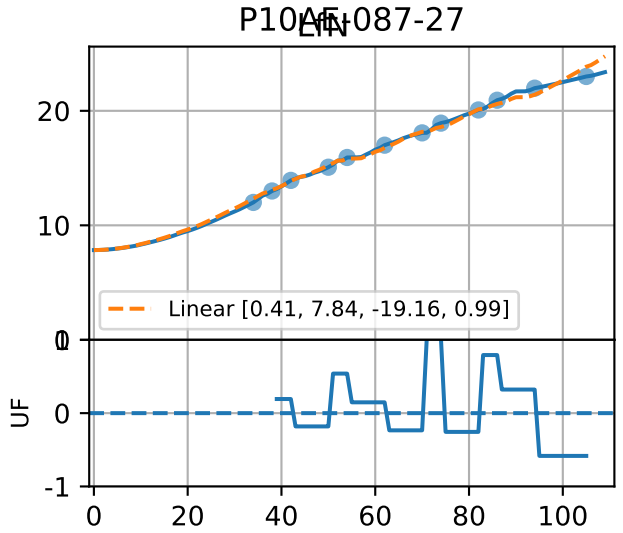

P10AE-114-7 (fit failed)
BDL [0.62, 16.04, 18.27, 1.0]
UF

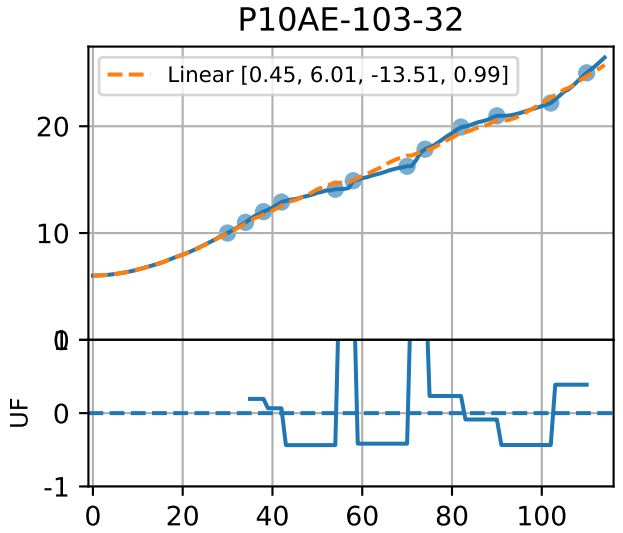

P10AEavg (fit failed)
NdN
BDL [0.68, 0.56, 60.51, 1.0]
25
20
15
10
5
0
0
0
-1
UF
page 1
0
20
40
60
80

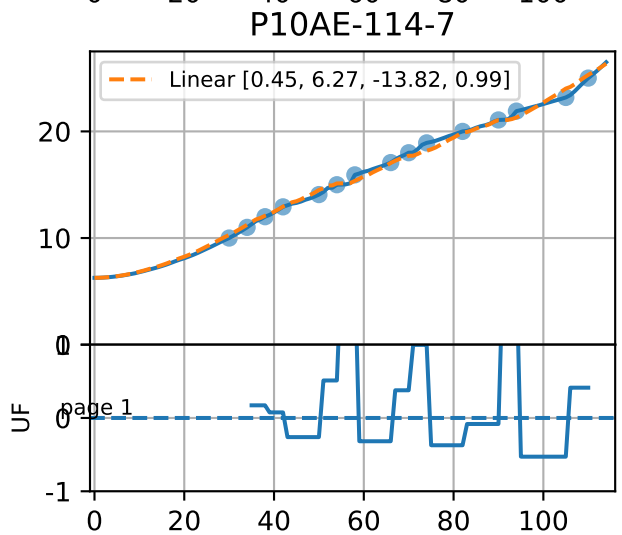

avg1=0.64(fall) avg2=0.68
P10AE
Object Number
avg1=8.85(fall) avg2=0.56
P10AE NdN
Object Number
avg1=39.06(fall) avg2=60.51
page 1
Object Number

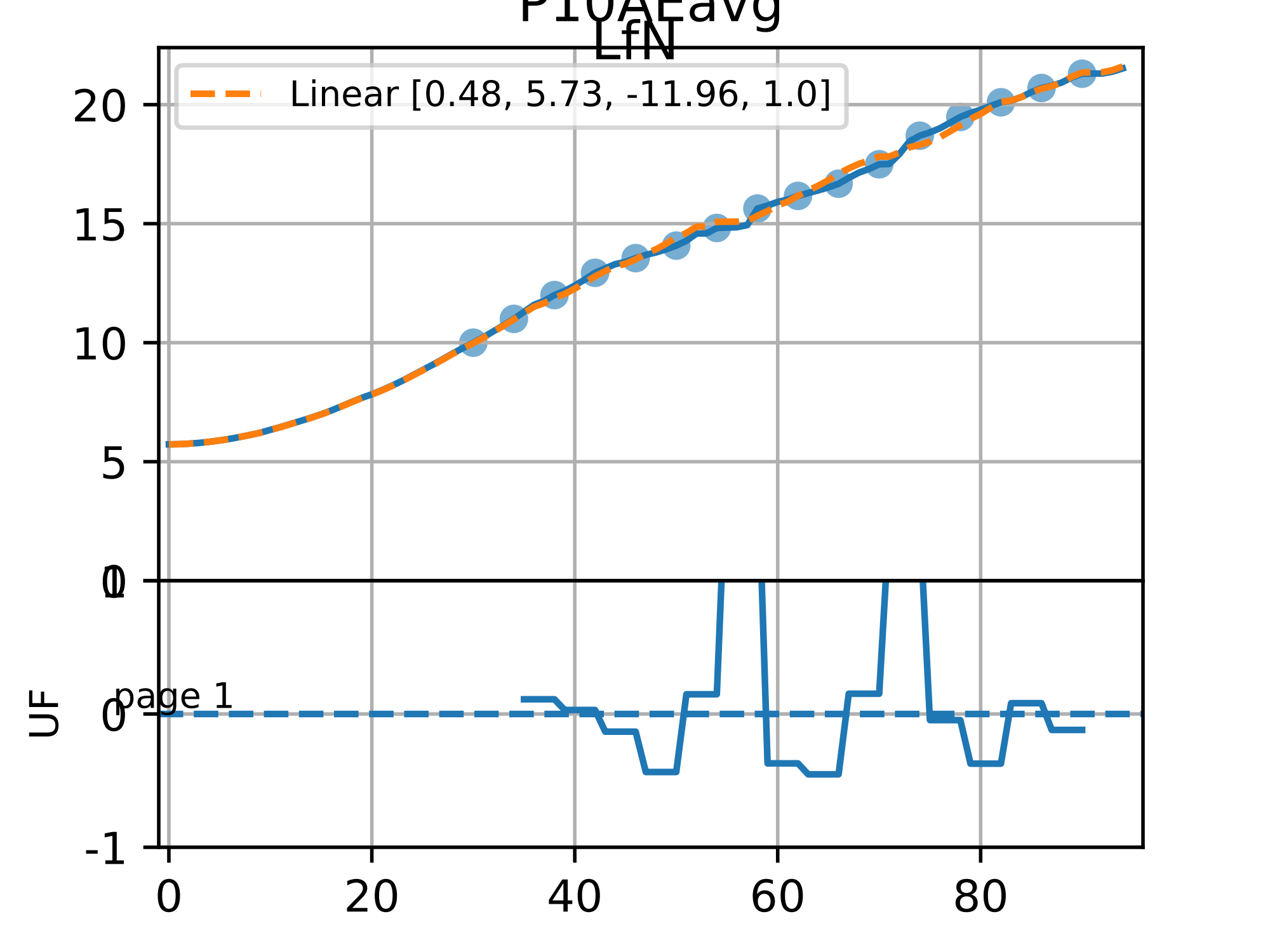

P10AE InitDev
avg1=0.61~0% avg2=0.61
avg1=66.45~0% avg2=66.45
P10AE
Object Number
page 1

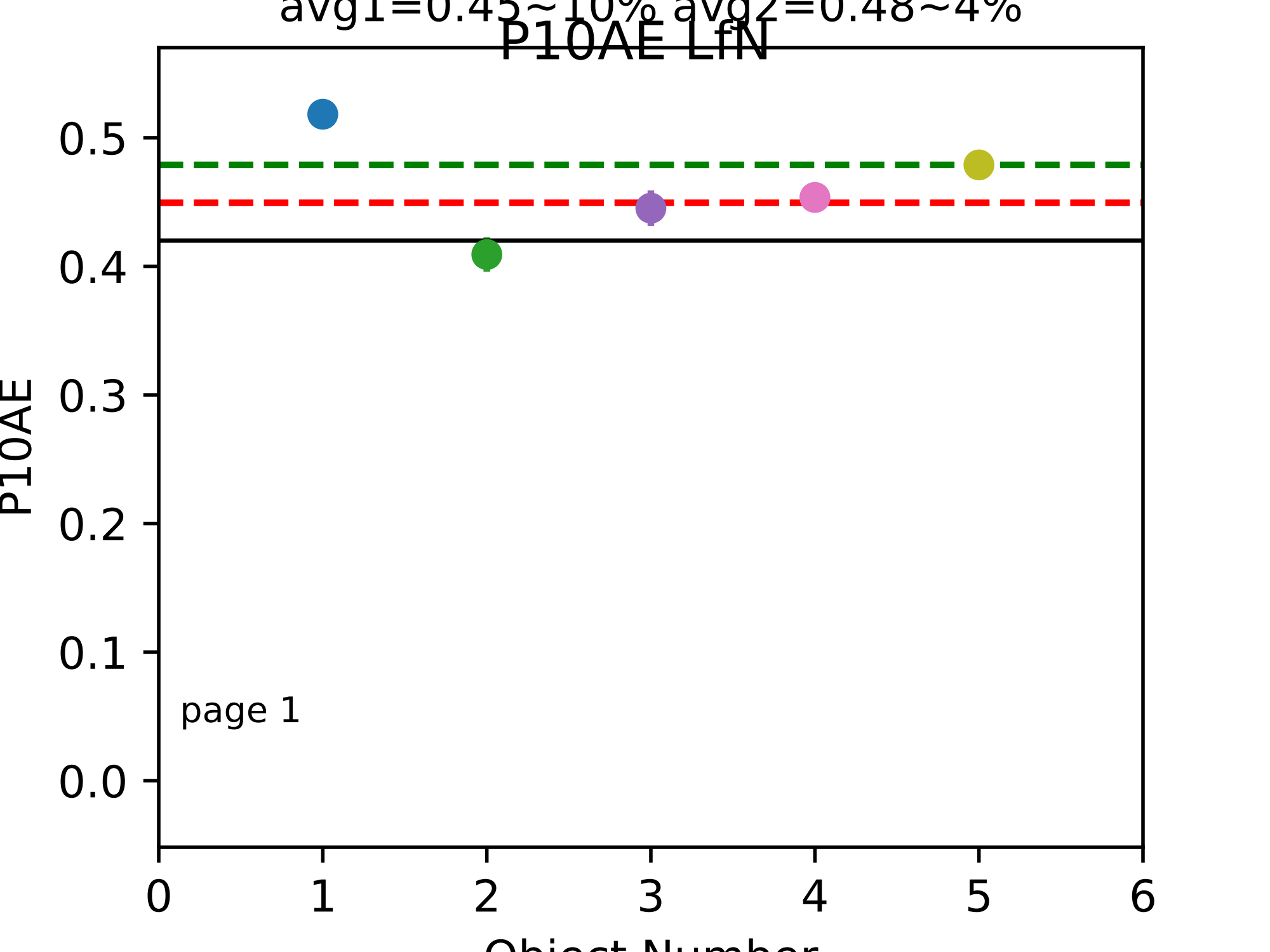

P10AE-081-12
Linear [0.52, 4.35, -8.39, 0.99]
UF
LIN

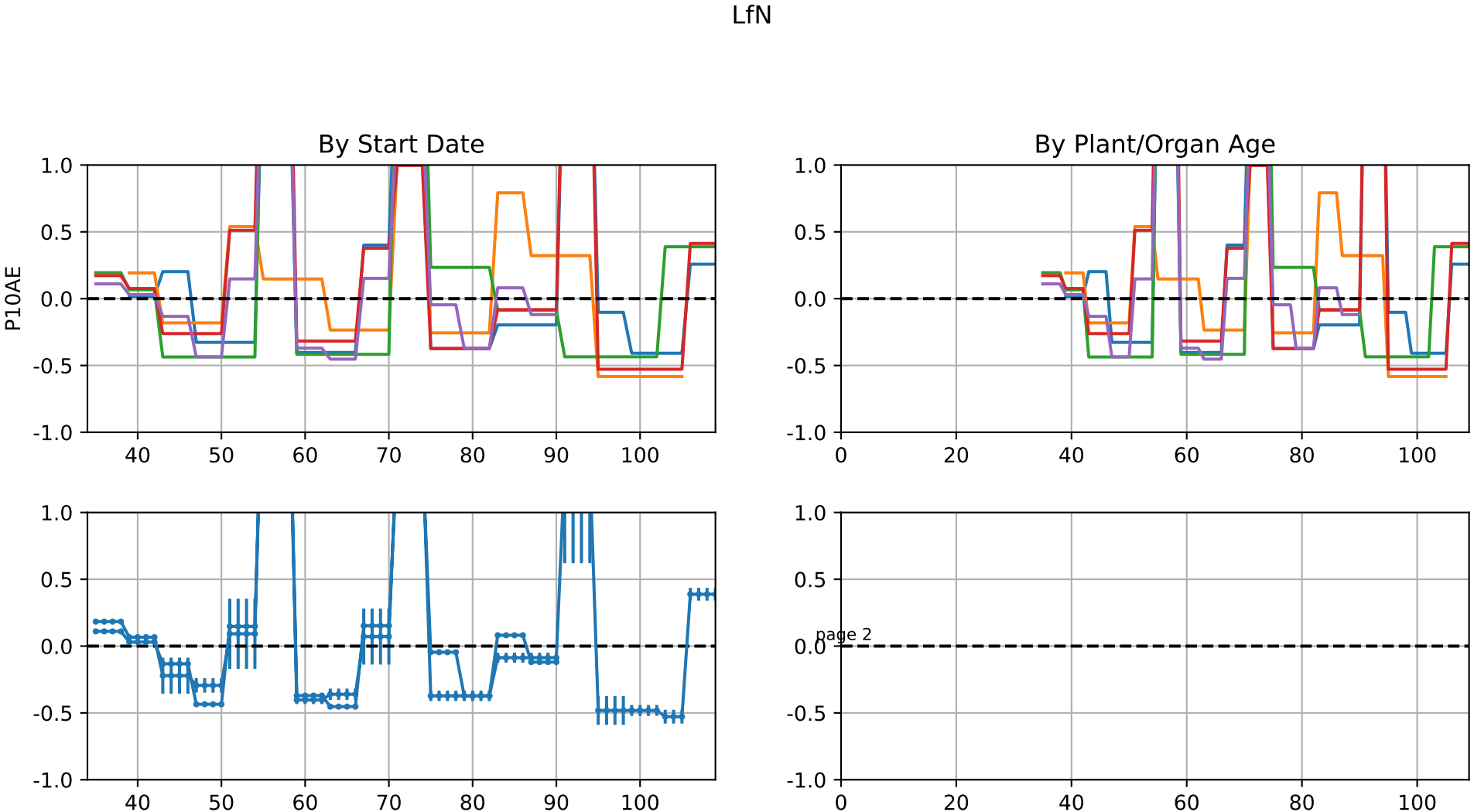

P10AE-087-27
Linear [0.41, 7.84, -19.16, 0.99]
UF
LIN

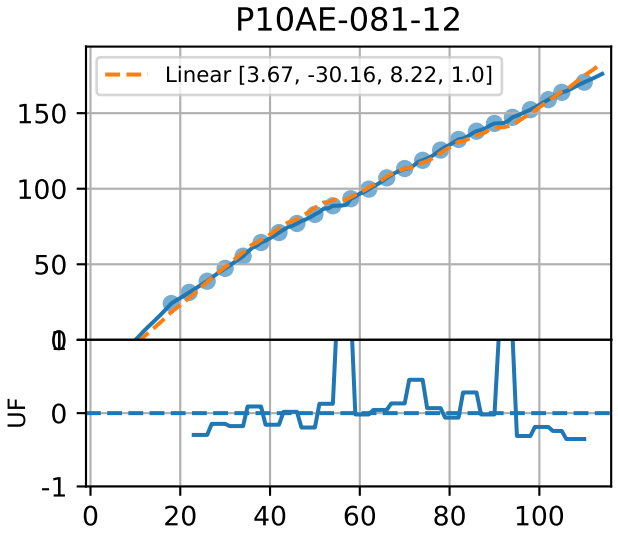

P10AE-103-32
Linear [0.45, 6.01, -13.51, 0.99]
UF
LIN

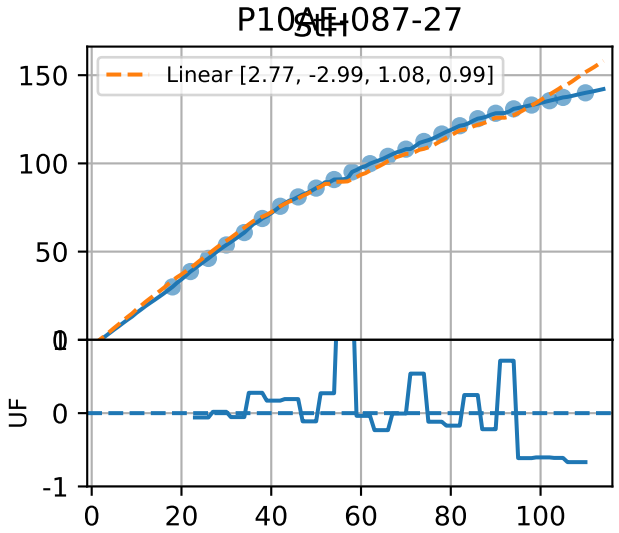

P10AE-114-7
Linear [0.45, 6.27, -13.82, 0.99]
UF
LIN
page 1

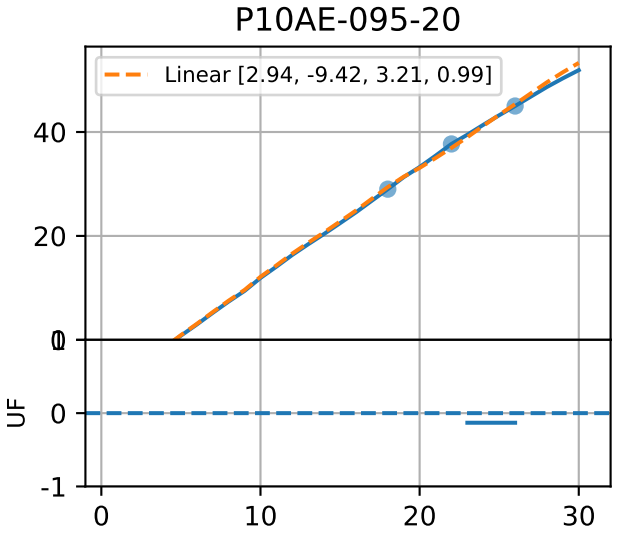

P10AEavg
LfN
Linear [0.48, 5.73, -11.96, 1.0]
20
15
10
5
0
0
0
-1
UF
page 1
0
20
40
60
80

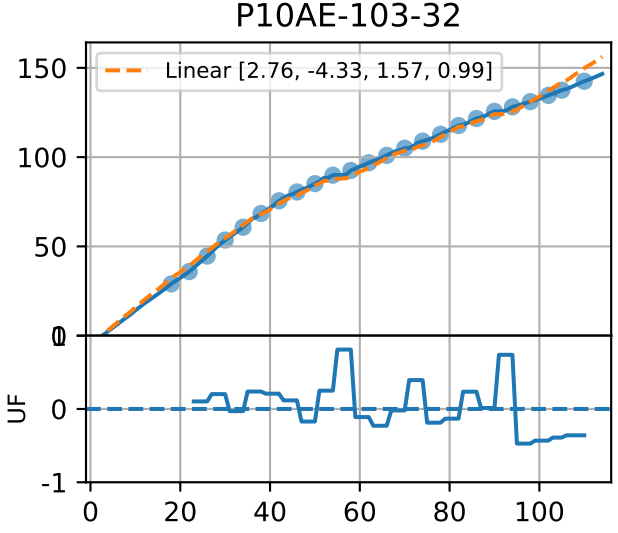

avg1=0.45≈10% avg2=0.48≈4%
P10AE LfN
0.5
0.4
0.3
0.2
0.1
0.0
P10AE
page 1
0
1
2
3
4
5
6
Object Number

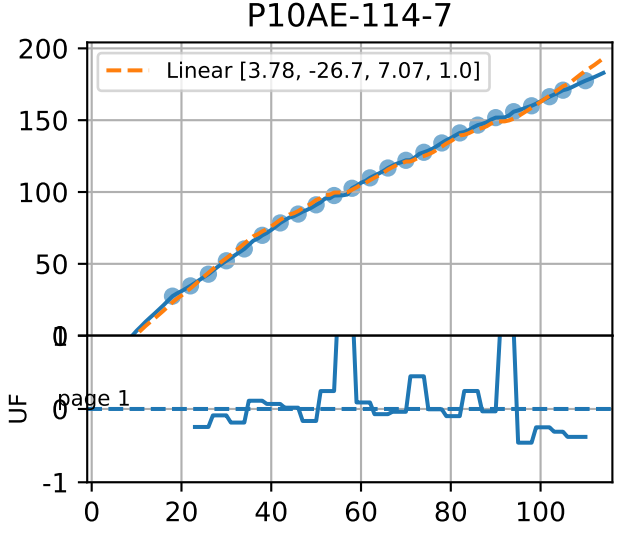

LfN
By Start Date
By Plant/Organ Age
P10AE
1.0
0.5
0.0
-0.5
-1.0
40
50
60
70
80
90
100
0
20
page 2

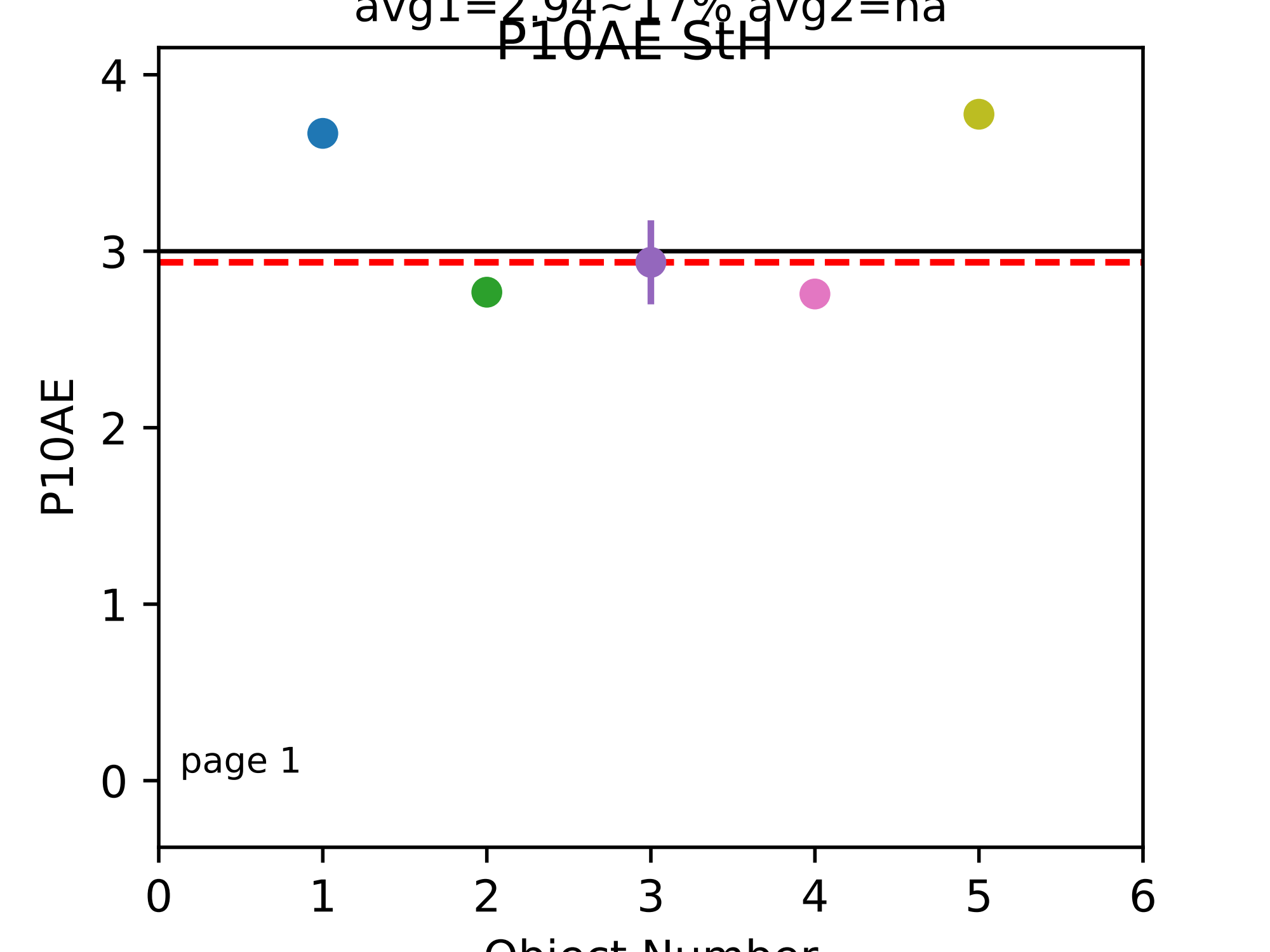

P10AE-081-12
Linear [3.67, -30.16, 8.22, 1.0]
UF


P10AE-087-27
Linear [2.77, -2.99, 1.08, 0.99]
UF

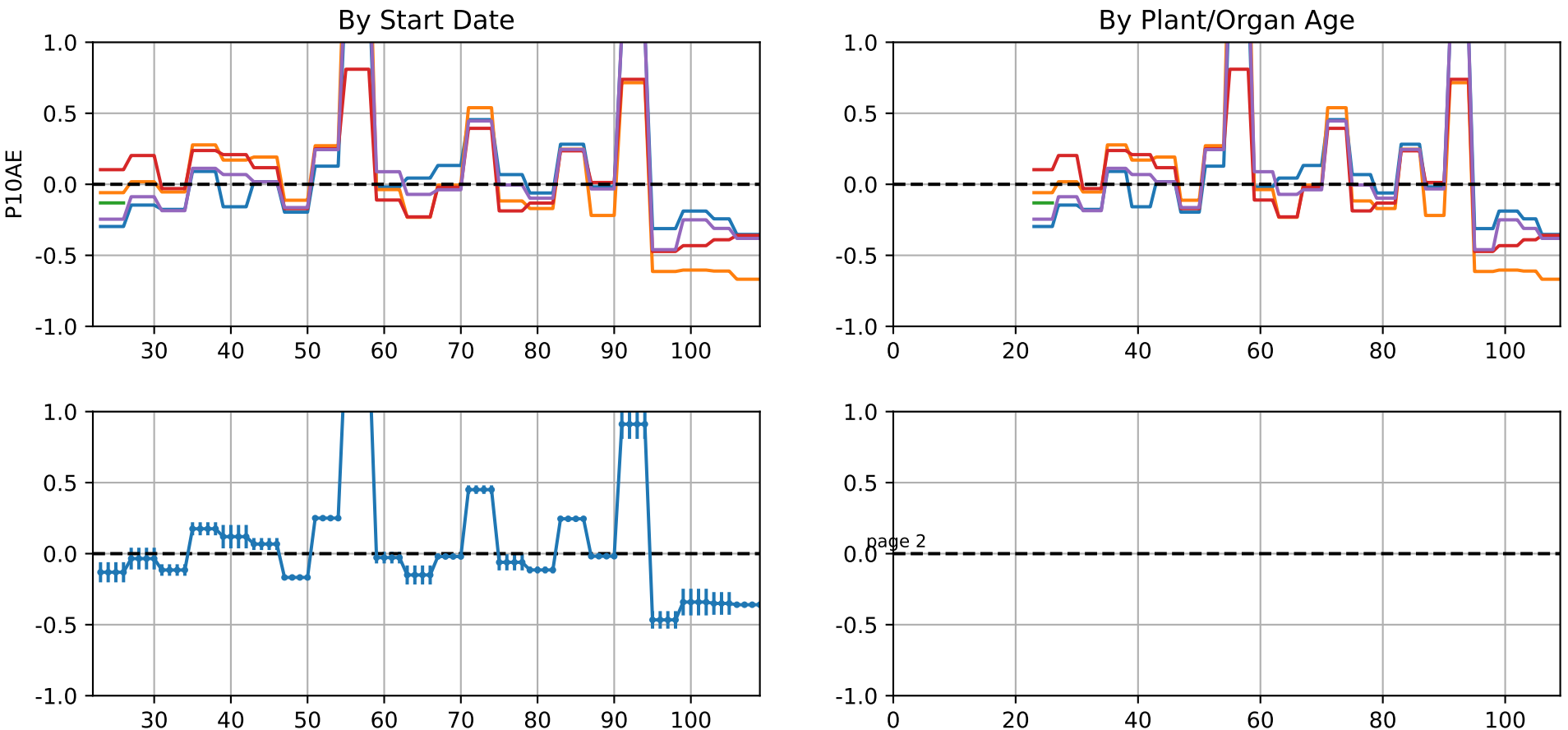

P10AE-095-20
Linear [2.94, -9.42, 3.21, 0.99]
UF

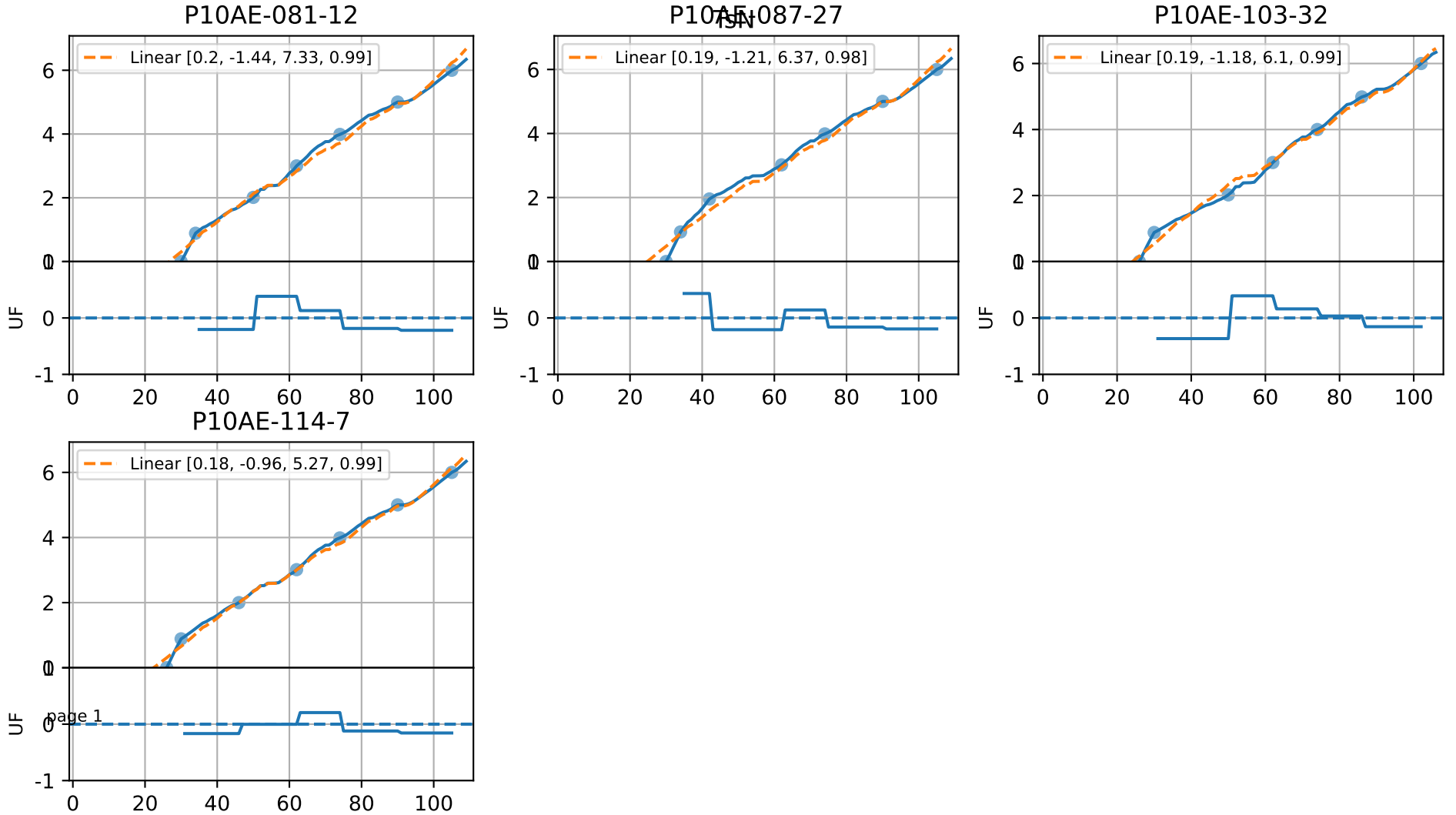

P10AE-103-32
Linear [2.76, -4.33, 1.57, 0.99]
UF

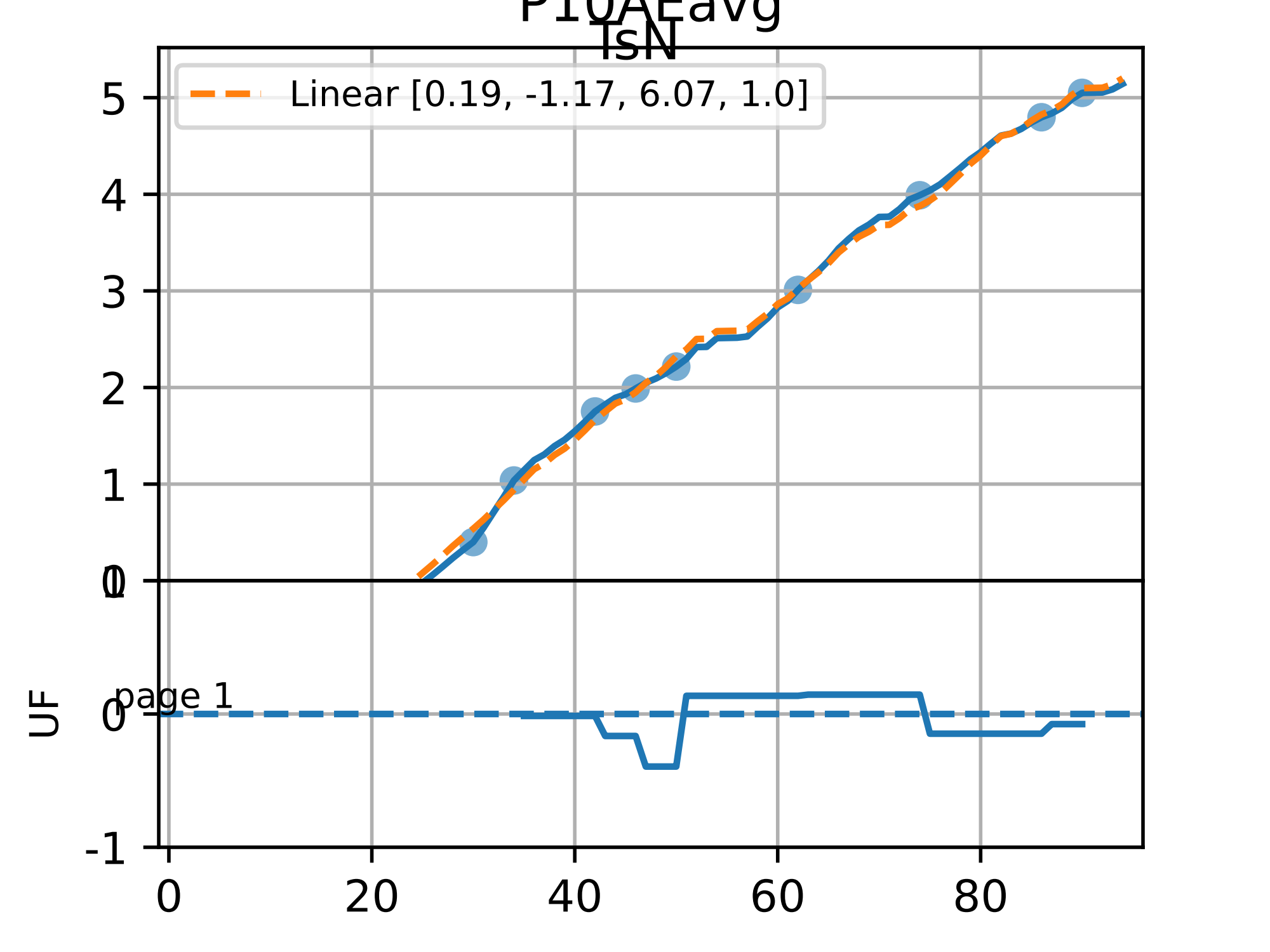

P10AE-114-7
Linear [3.78, -26.7, 7.07, 1.0]
UF

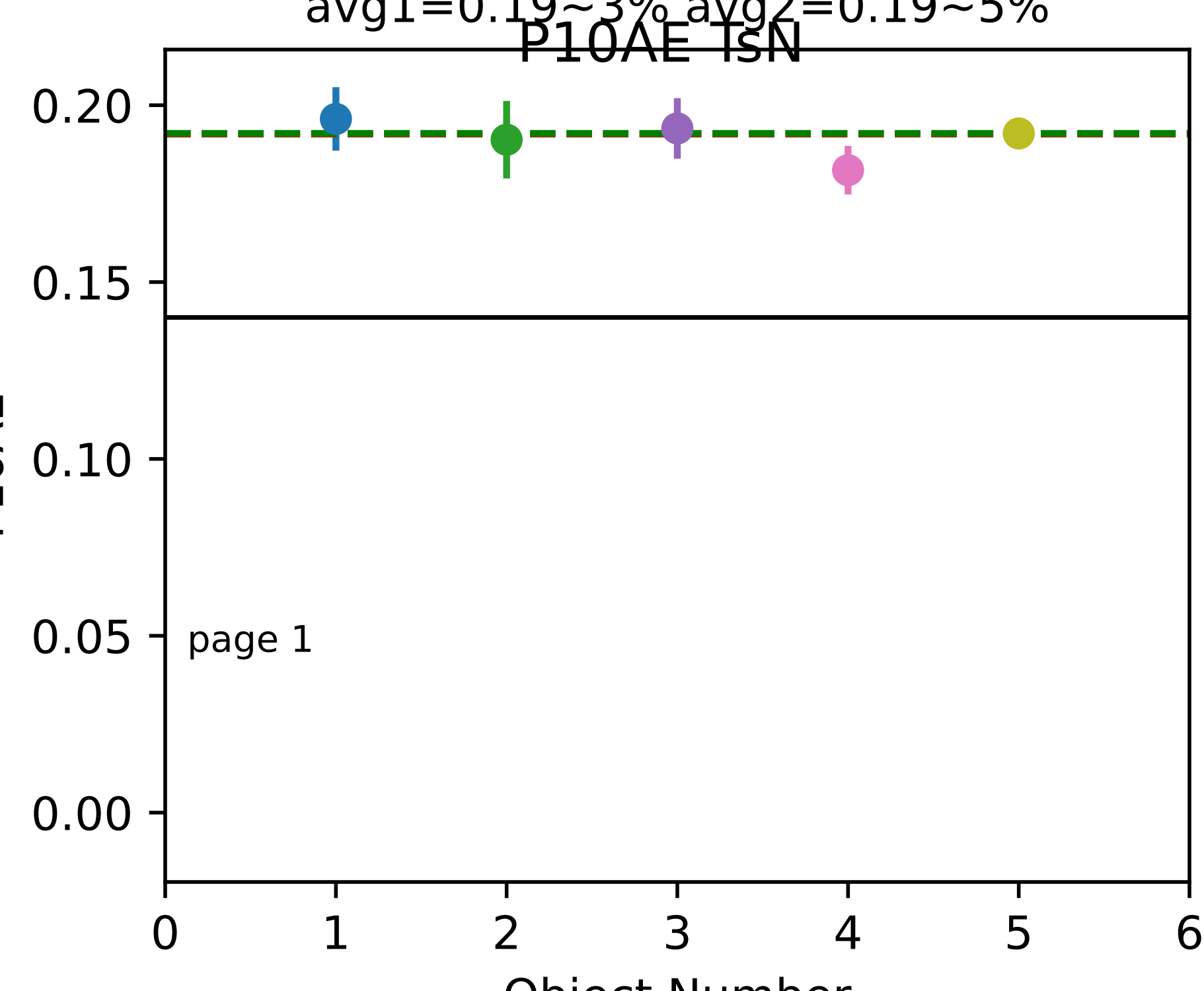

avg1=2.94≈17% avg2=na
P10AE StH
P10AE
Object Number
page 1
0
1
2
3
4
5
6

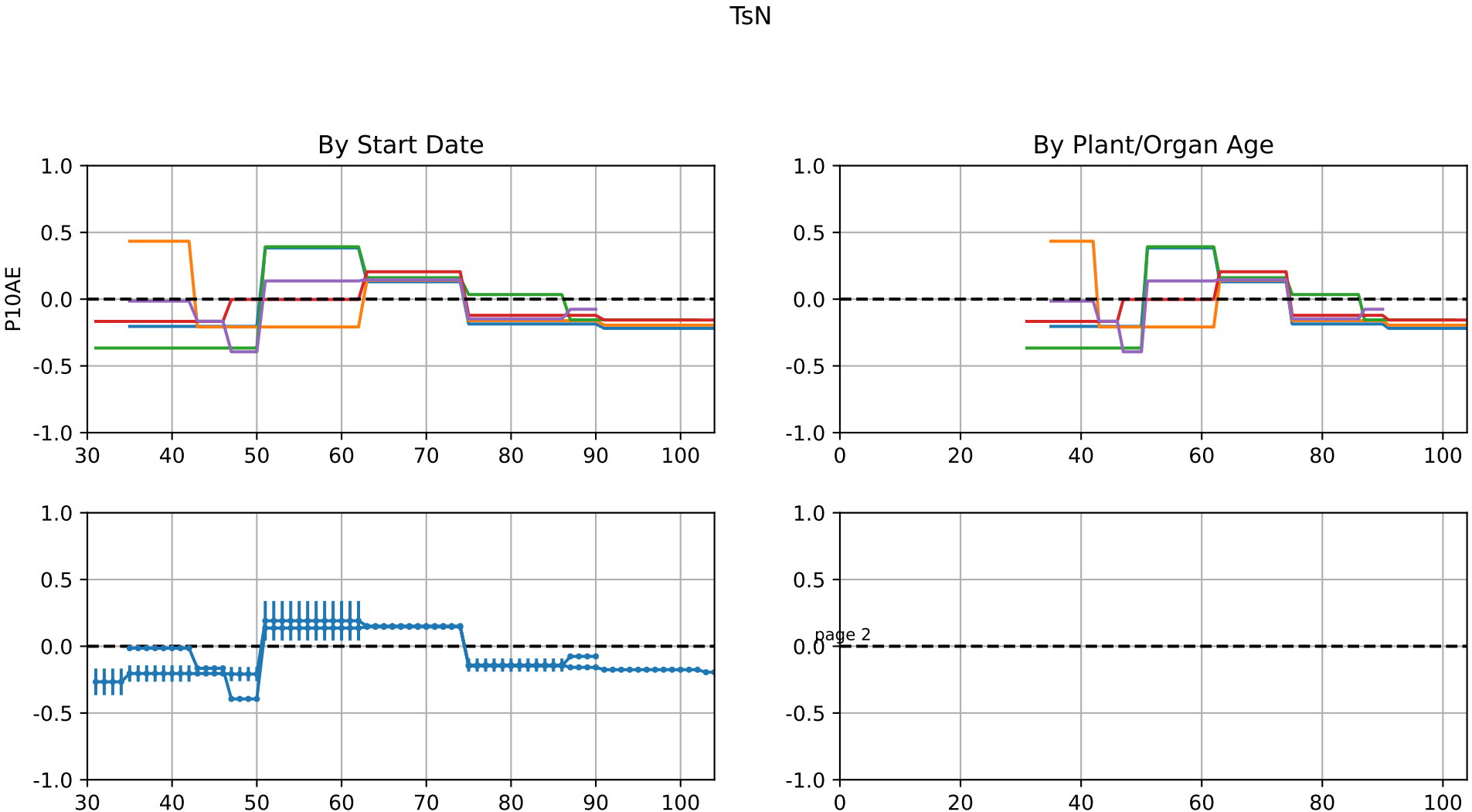
StH

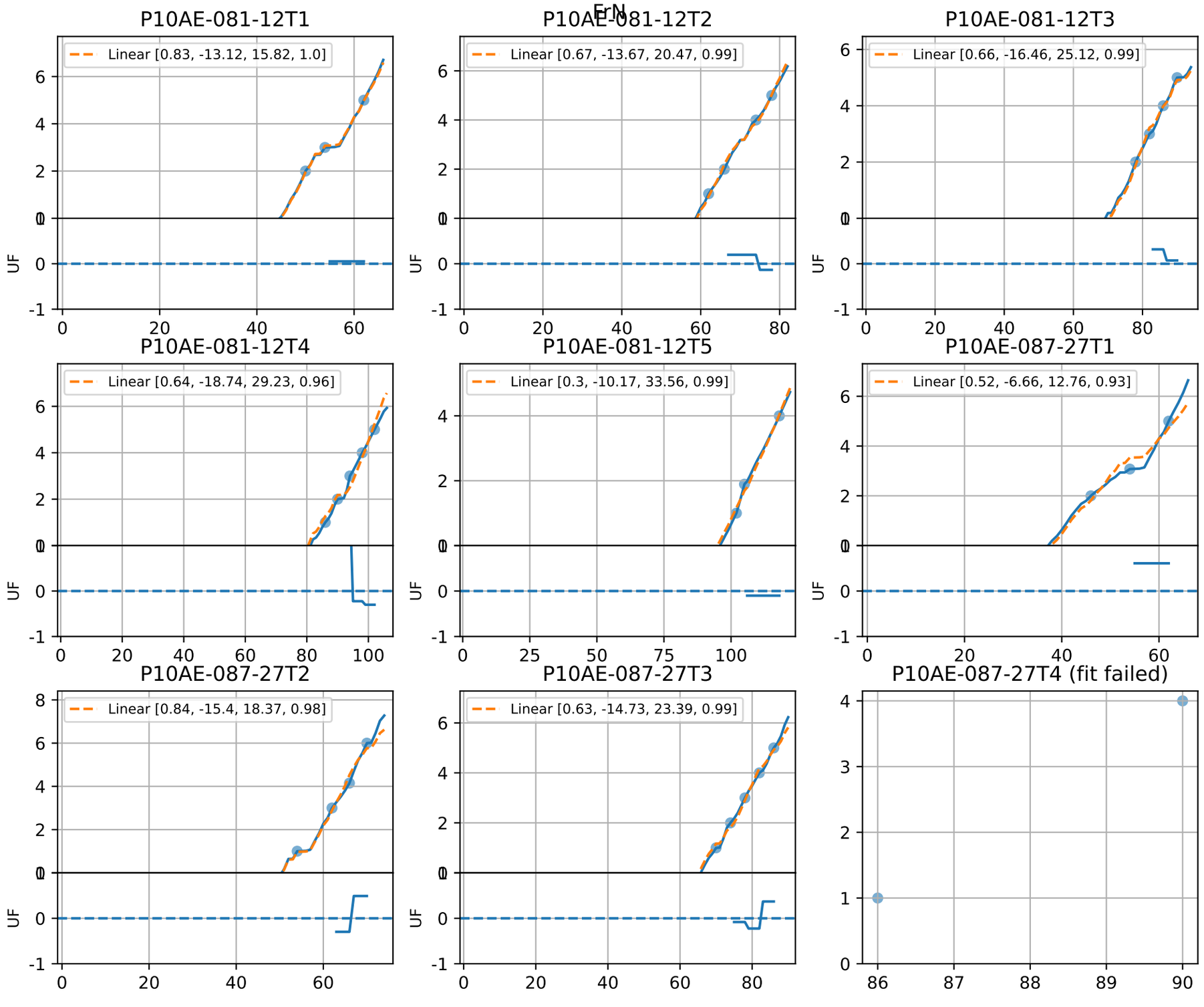

By Start Date
By Plant/Organ Age
P10AE
1.0
0.5
0.0
-0.5
-1.0
30
40
50
60
70
80
90
100
0
20
40
60
80
100
page 2


P10AE-081-12
Linear [0.2, -1.44, 7.33, 0.99]
P10AE-087-27
Linear [0.19, -1.21, 6.37, 0.98]
P10AE-103-32
Linear [0.19, -1.18, 6.1, 0.99]
P10AE-114-7
Linear [0.18, -0.96, 5.27, 0.99]
TSN
UF
page 1

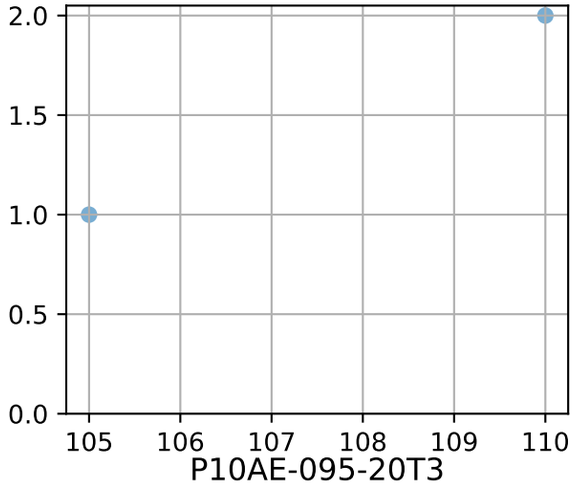

P10AEavg
IsN
Linear [0.19, -1.17, 6.07, 1.0]
5
4
3
2
1
0
UF
page 1
0
-1
0
20
40
60
80


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

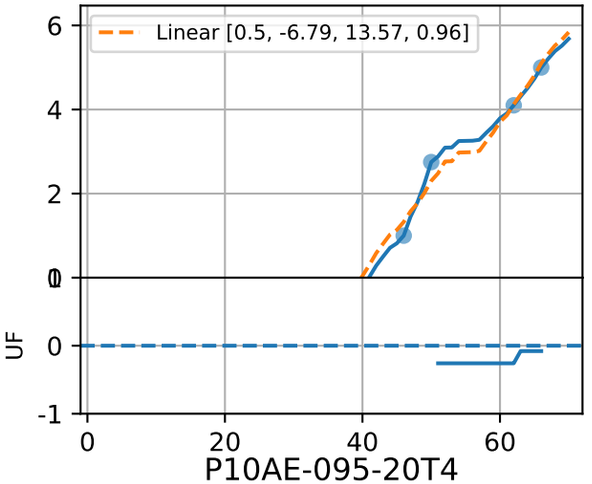

TsN
By Start Date
By Plant/Organ Age
P10AE
1.0
0.5
0.0
-0.5
-1.0
30
40
50
60
70
80
90
100
0
20
page 2


ErN
P10AE-081-12T1
Linear [0.83, -13.12, 15.82, 1.0]
P10AE-081-12T2
Linear [0.67, -13.67, 20.47, 0.99]
P10AE-081-12T3
Linear [0.66, -16.46, 25.12, 0.99]
P10AE-081-12T4
Linear [0.64, -18.74, 29.23, 0.96]
P10AE-081-12T5
Linear [0.3, -10.17, 33.56, 0.99]
P10AE-087-27T1
Linear [0.52, -6.66, 12.76, 0.93]
P10AE-087-27T2
Linear [0.84, -15.4, 18.37, 0.98]
P10AE-087-27T3
Linear [0.63, -14.73, 23.39, 0.99]
P10AE-087-27T4 (fit failed)
UF

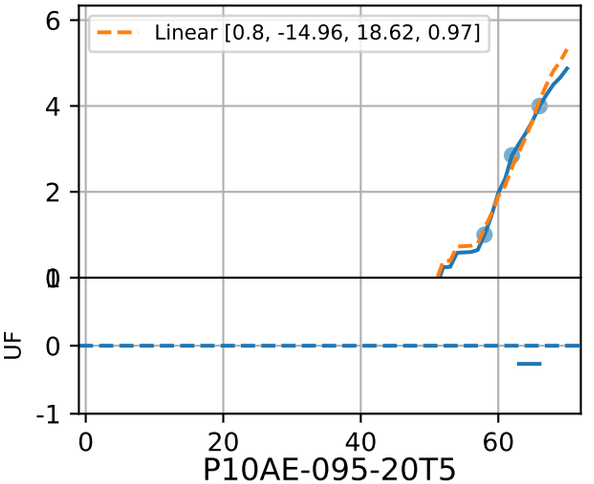
P10AE-087-27T5 (fit failed)



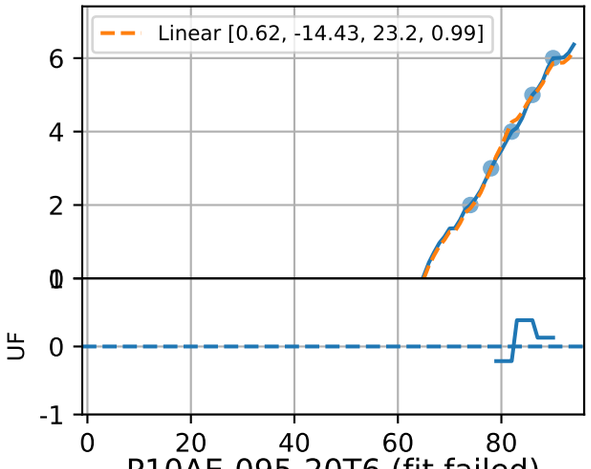
P10AE-095-20T1



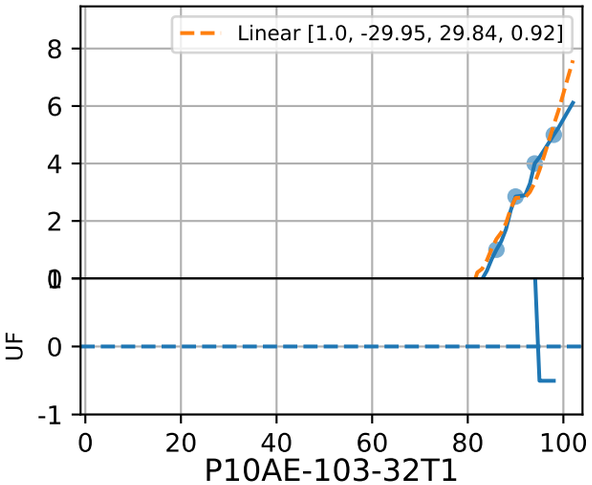
P10AE-095-20T2



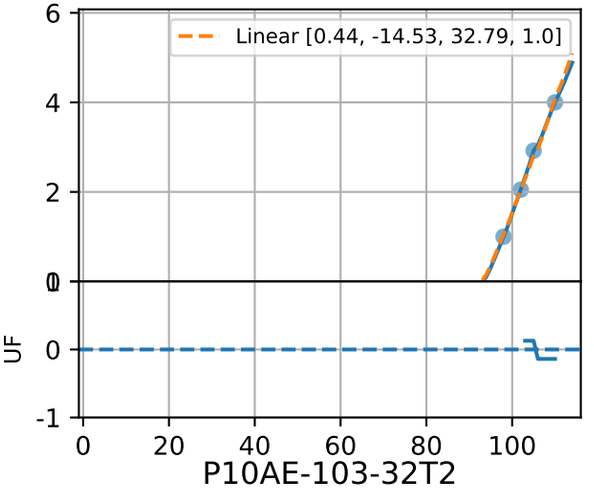
P10AE-095-20T3



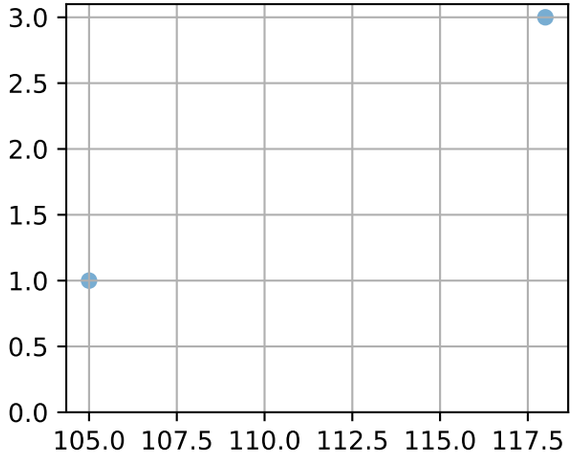
P10AE-095-20T4



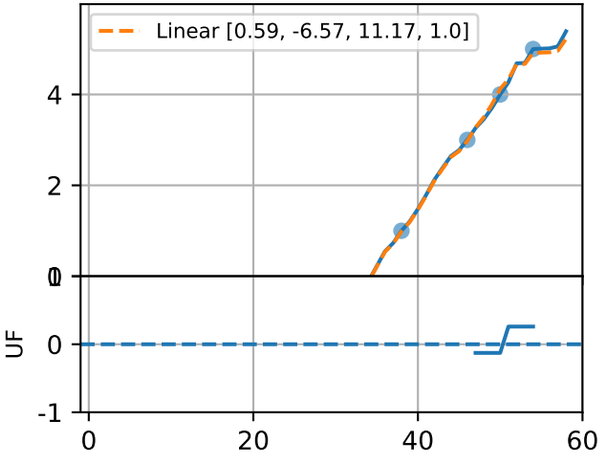
P10AE-095-20T5



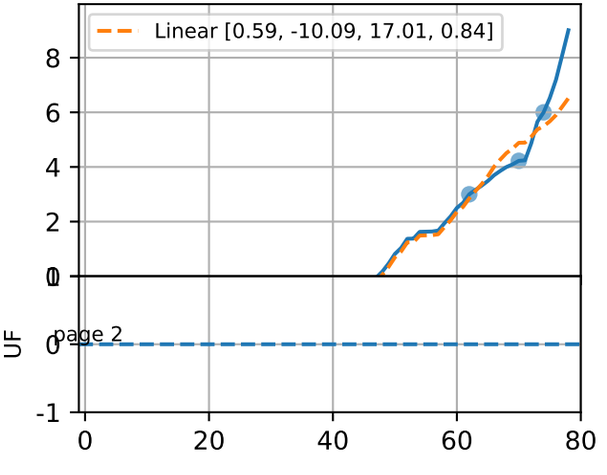
P10AE-095-20T6 (fit failed)

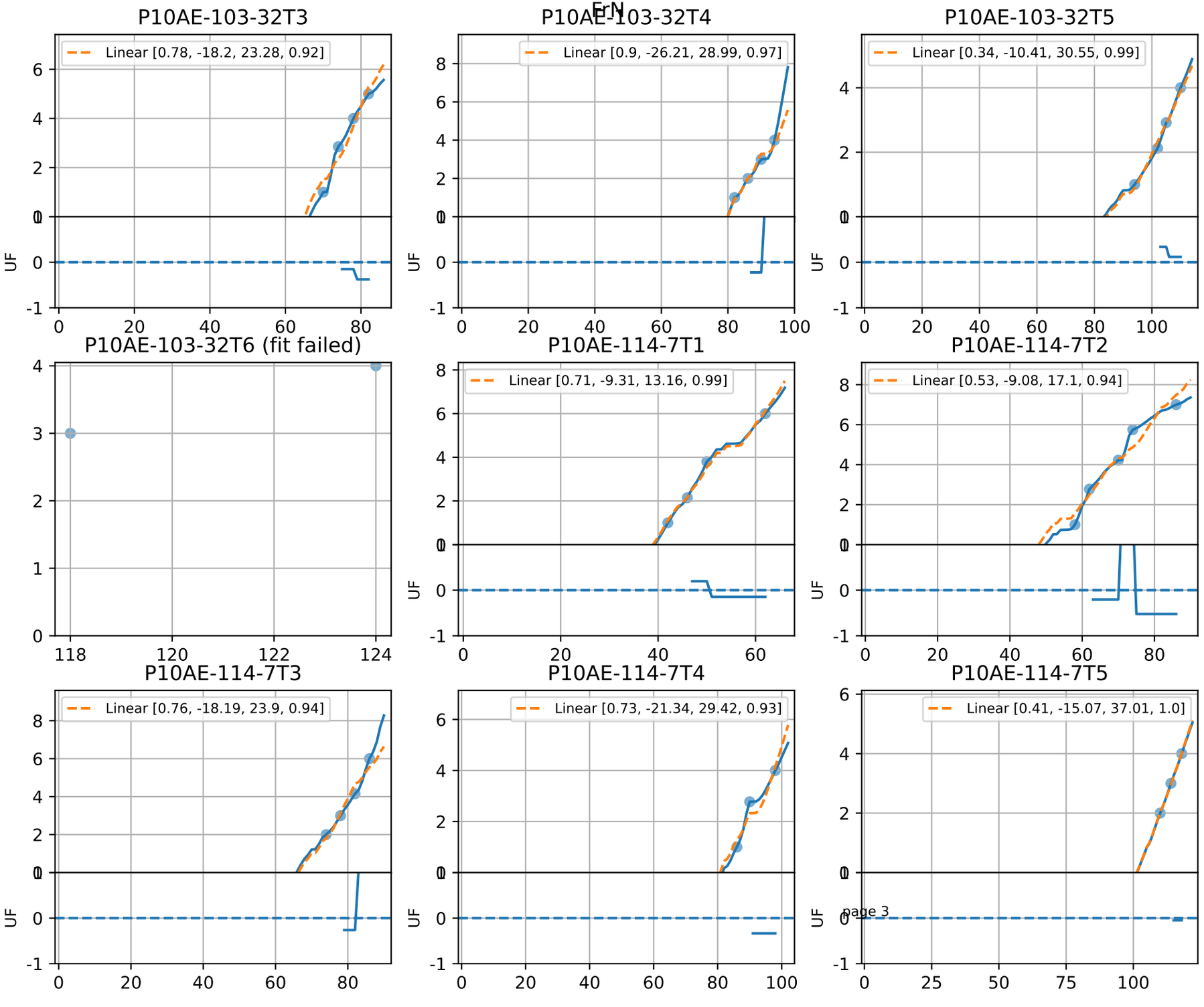


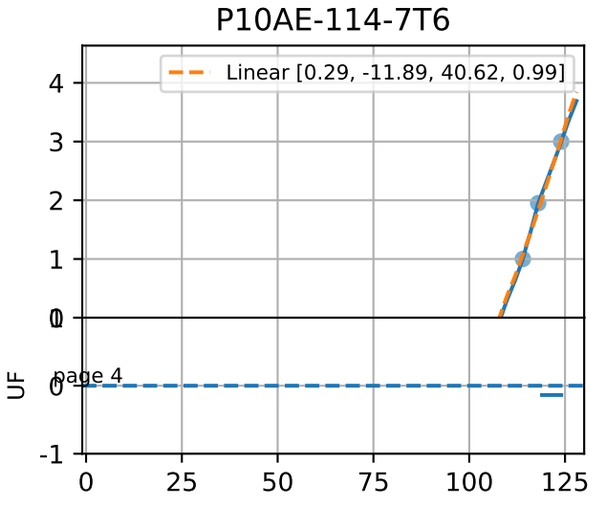
P10AE-103-32T1



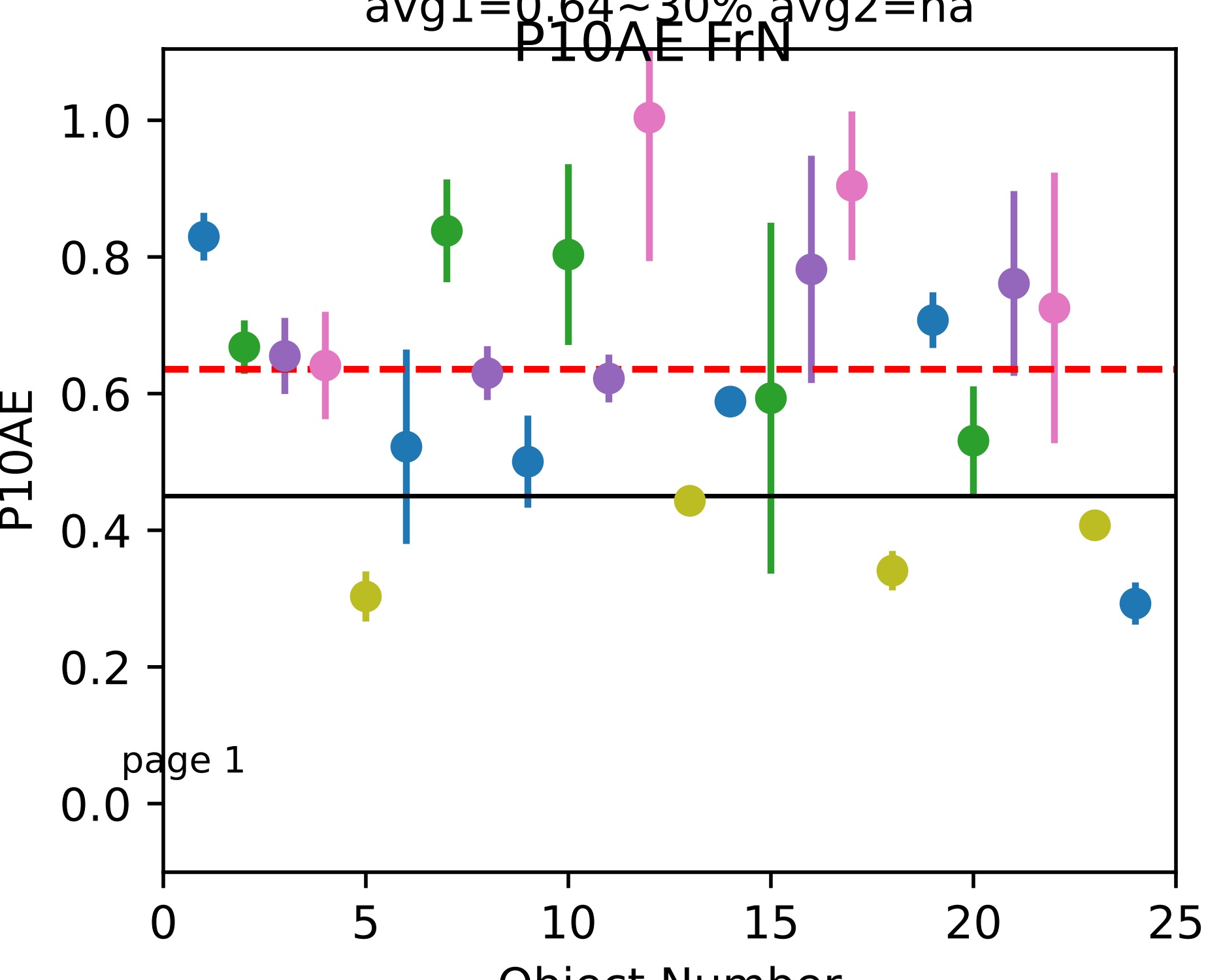
P10AE-103-32T2



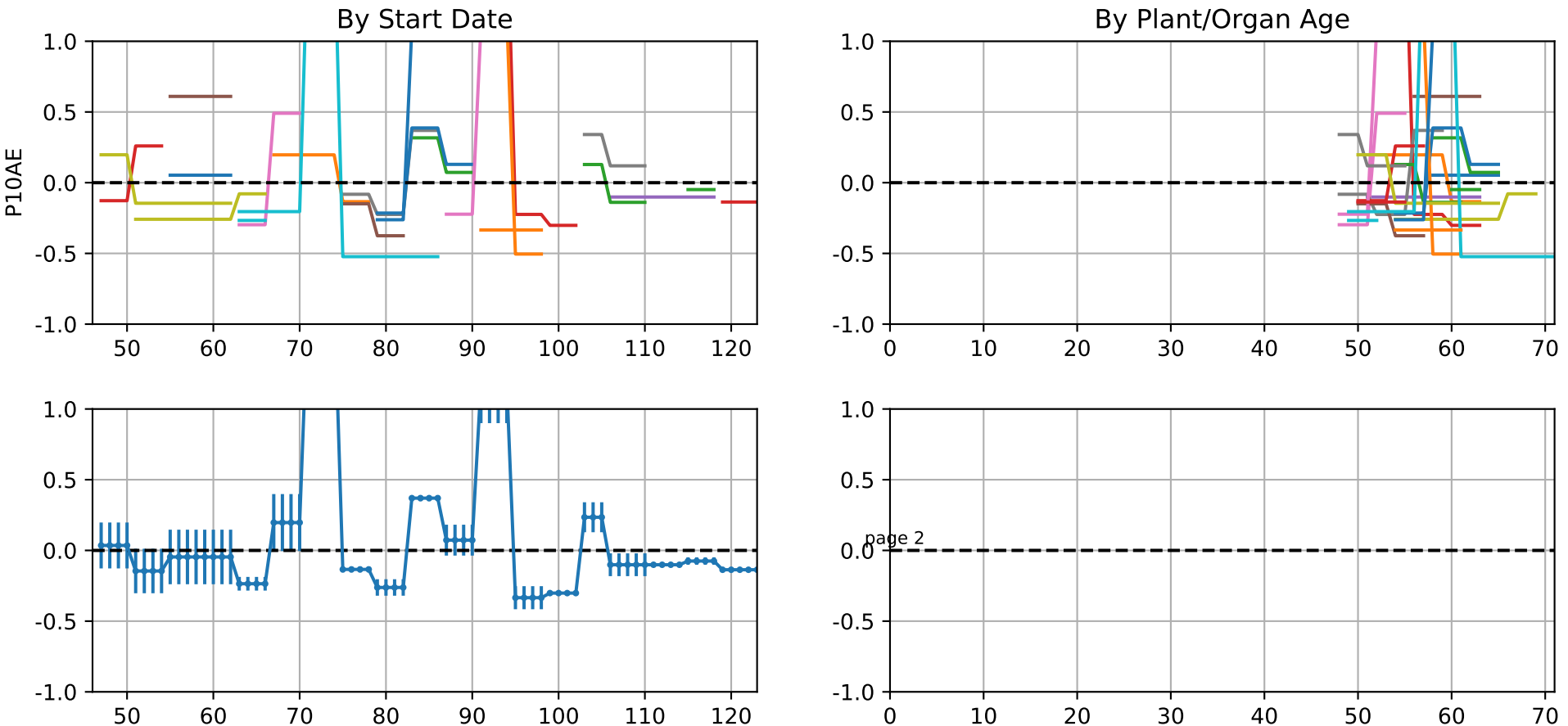

P10AE-103-32T3
Linear [0.78, -18.2, 23.28, 0.92]
P10AE-103-32T4
Linear [0.9, -26.21, 28.99, 0.97]
P10AE-103-32T5
Linear [0.34, -10.41, 30.55, 0.99]
P10AE-103-32T6 (fit failed)
P10AE-114-7T1
Linear [0.71, -9.31, 13.16, 0.99]
P10AE-114-7T2
Linear [0.53, -9.08, 17.1, 0.94]
P10AE-114-7T3
Linear [0.76, -18.19, 23.9, 0.94]
P10AE-114-7T4
Linear [0.73, -21.34, 29.42, 0.93]
P10AE-114-7T5
Linear [0.41, -15.07, 37.01, 1.0]
UF

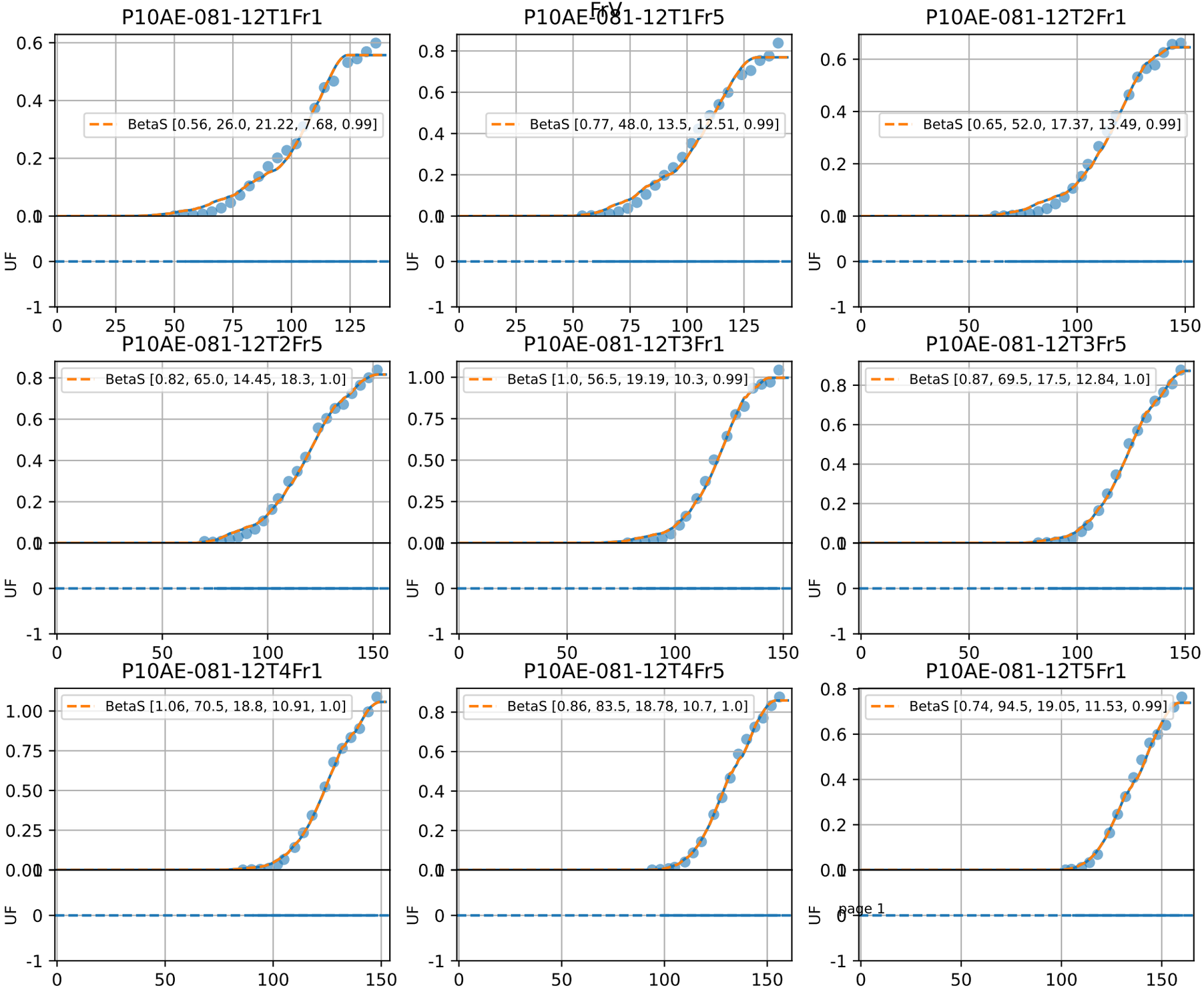

P10AE-114-7T6
Linear [0.29, -11.89, 40.62, 0.99]
UF
page 4
4
3
2
1
0
0
-1
0
25
50
75
100
125

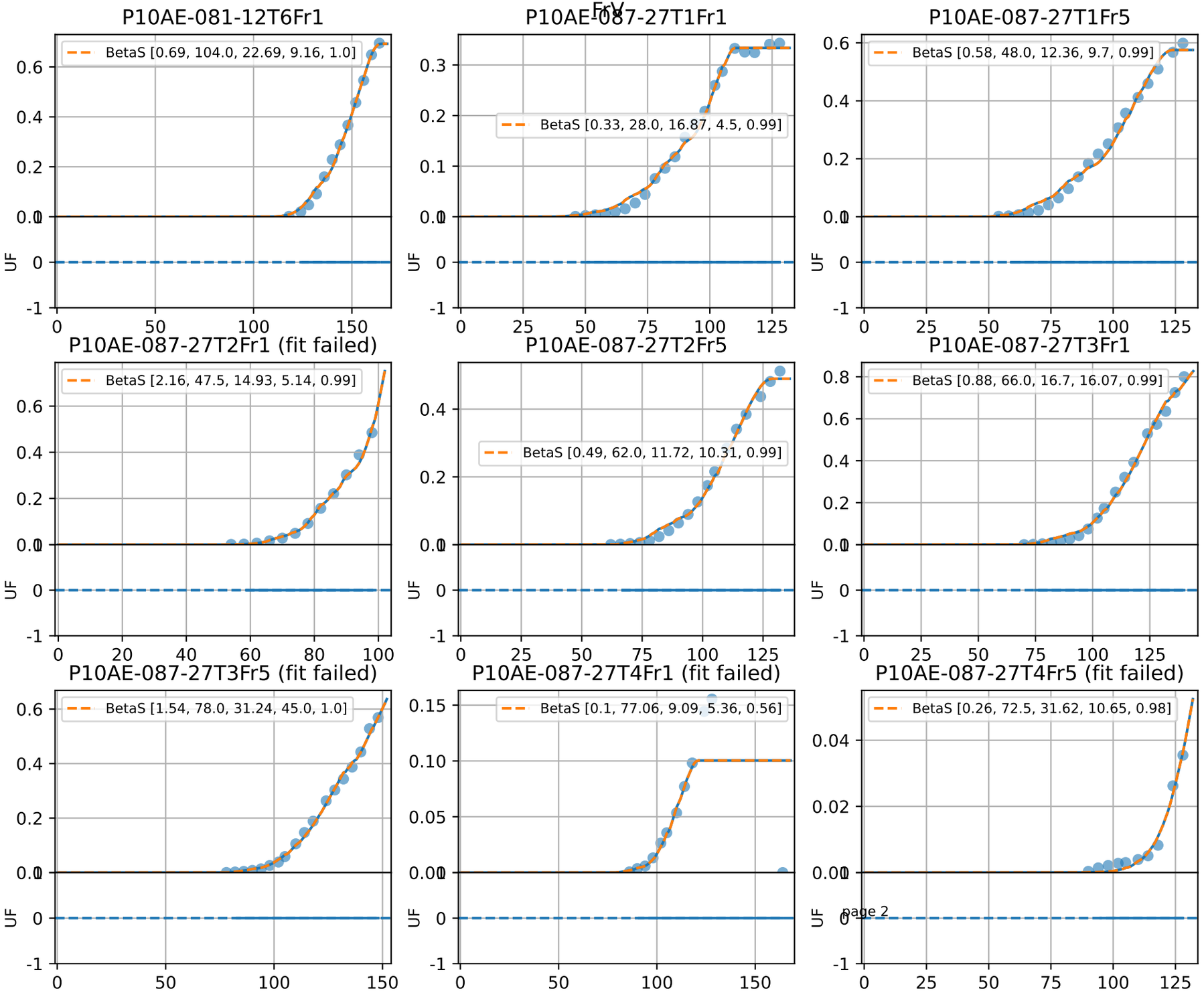
FrN


avg1=0.64≈30% avg2=na
P10AE FrN
1.0
0.8
0.6
0.4
0.2
0.0
P10AE
page 1
0
5
10
15
20
25

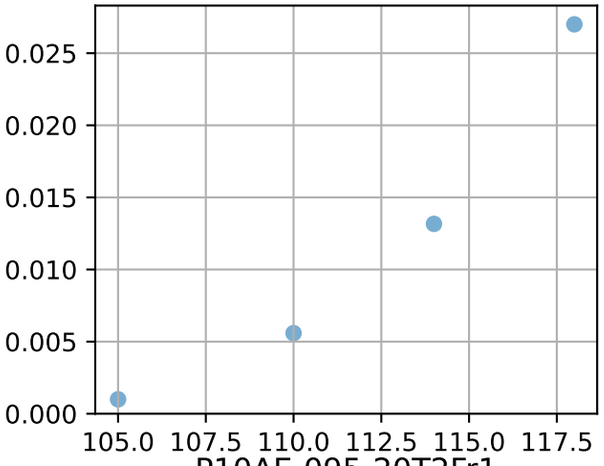
FrN


By Start Date
By Plant/Organ Age
P10AE
1.0
0.5
0.0
-0.5
-1.0
50
60
70
80
90
100
110
120
0
10
20
30
40
50
60
70
page 2

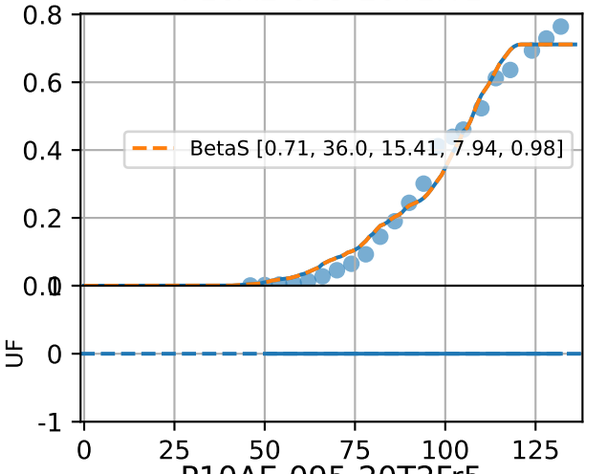

P10AE-081-12T1Fr1
BetaS [0.56, 26.0, 21.22, 7.68, 0.99]
P10AE-081-12T1Fr5
BetaS [0.77, 48.0, 13.5, 12.51, 0.99]
P10AE-081-12T2Fr1
BetaS [0.65, 52.0, 17.37, 13.49, 0.99]
P10AE-081-12T2Fr5
BetaS [0.82, 65.0, 14.45, 18.3, 1.0]
P10AE-081-12T3Fr1
BetaS [1.0, 56.5, 19.19, 10.3, 0.99]
P10AE-081-12T3Fr5
BetaS [0.87, 69.5, 17.5, 12.84, 1.0]
P10AE-081-12T4Fr1
BetaS [1.06, 70.5, 18.8, 10.91, 1.0]
P10AE-081-12T4Fr5
BetaS [0.86, 83.5, 18.78, 10.7, 1.0]
P10AE-081-12T5Fr1
BetaS [0.74, 94.5, 19.05, 11.53, 0.99]
UF


P10AE-081-12T6Fr1
BetaS [0.69, 104.0, 22.69, 9.16, 1.0]
P10AE-087-27T1Fr1
BetaS [0.33, 28.0, 16.87, 4.5, 0.99]
P10AE-087-27T1Fr5
BetaS [0.58, 48.0, 12.36, 9.7, 0.99]
P10AE-087-27T2Fr1 (fit failed)
BetaS [2.16, 47.5, 14.93, 5.14, 0.99]
P10AE-087-27T2Fr5
BetaS [0.49, 62.0, 11.72, 10.31, 0.99]
P10AE-087-27T3Fr1
BetaS [0.88, 66.0, 16.7, 16.07, 0.99]
P10AE-087-27T3Fr5 (fit failed)
BetaS [1.54, 78.0, 31.24, 45.0, 1.0]
P10AE-087-27T4Fr1 (fit failed)
BetaS [0.1, 77.06, 9.09, 5.36, 0.56]
P10AE-087-27T4Fr5 (fit failed)
BetaS [0.26, 72.5, 31.62, 10.65, 0.98]
UF

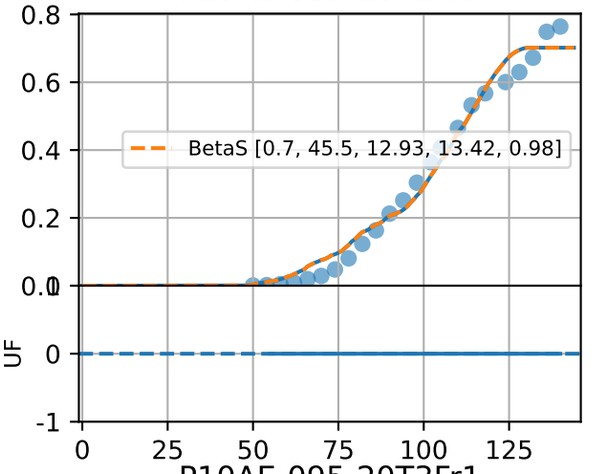
P10AE-087-27T5Fr1 (fit failed)



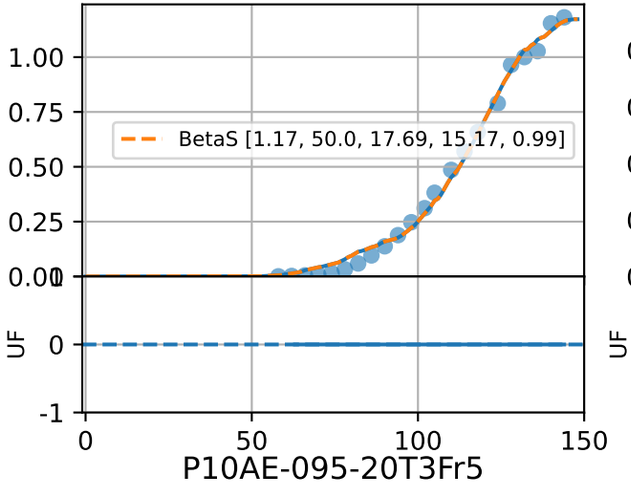
P10AE-095-20T1Fr1



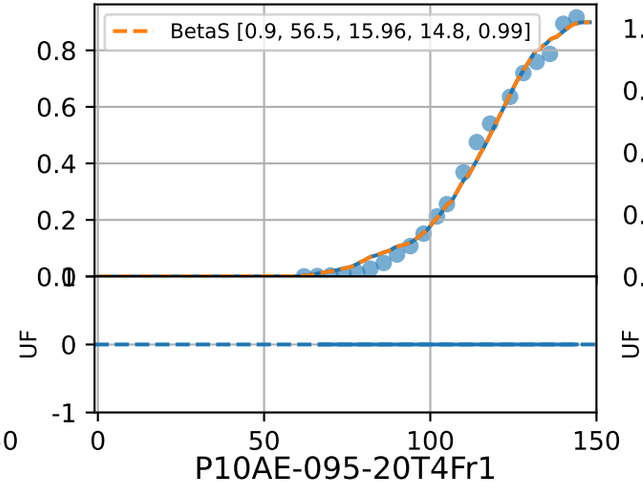
P10AE-095-20T1Fr5



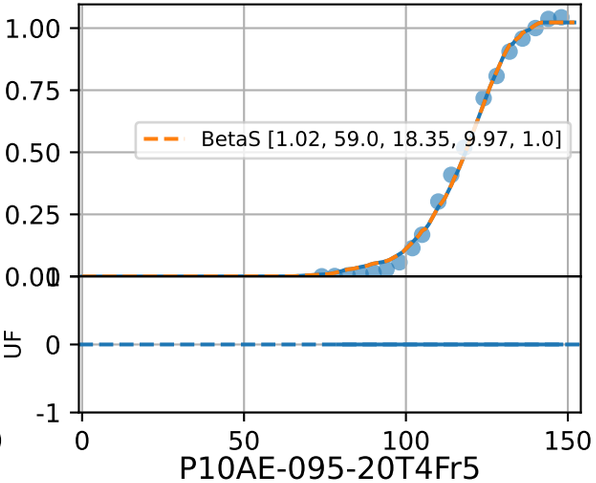
P10AE-095-20T2Fr1



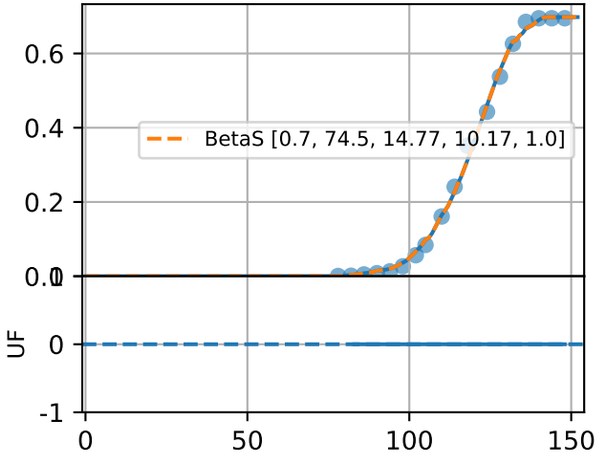
P10AE-095-20T2Fr5



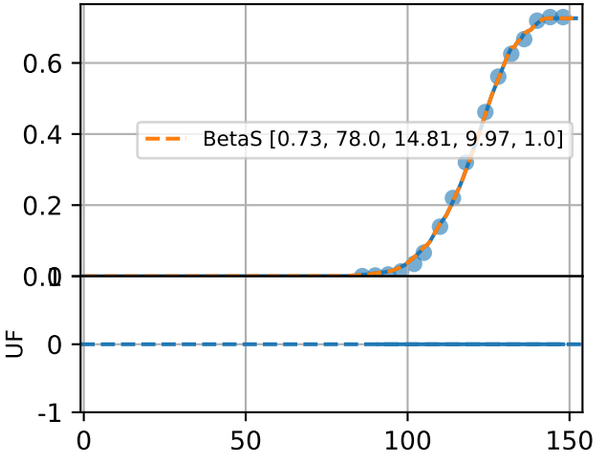
P10AE-095-20T3Fr1



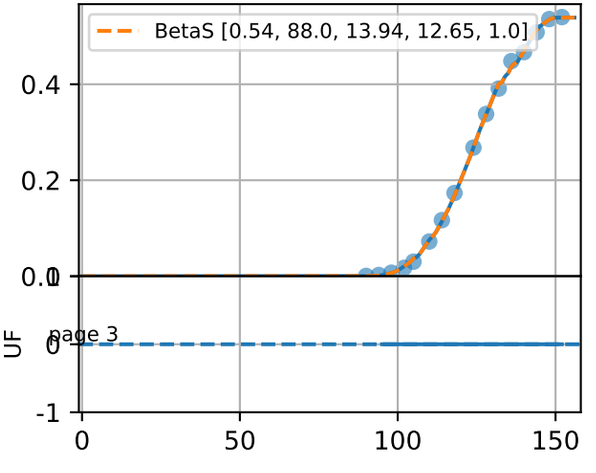
P10AE-095-20T3Fr5

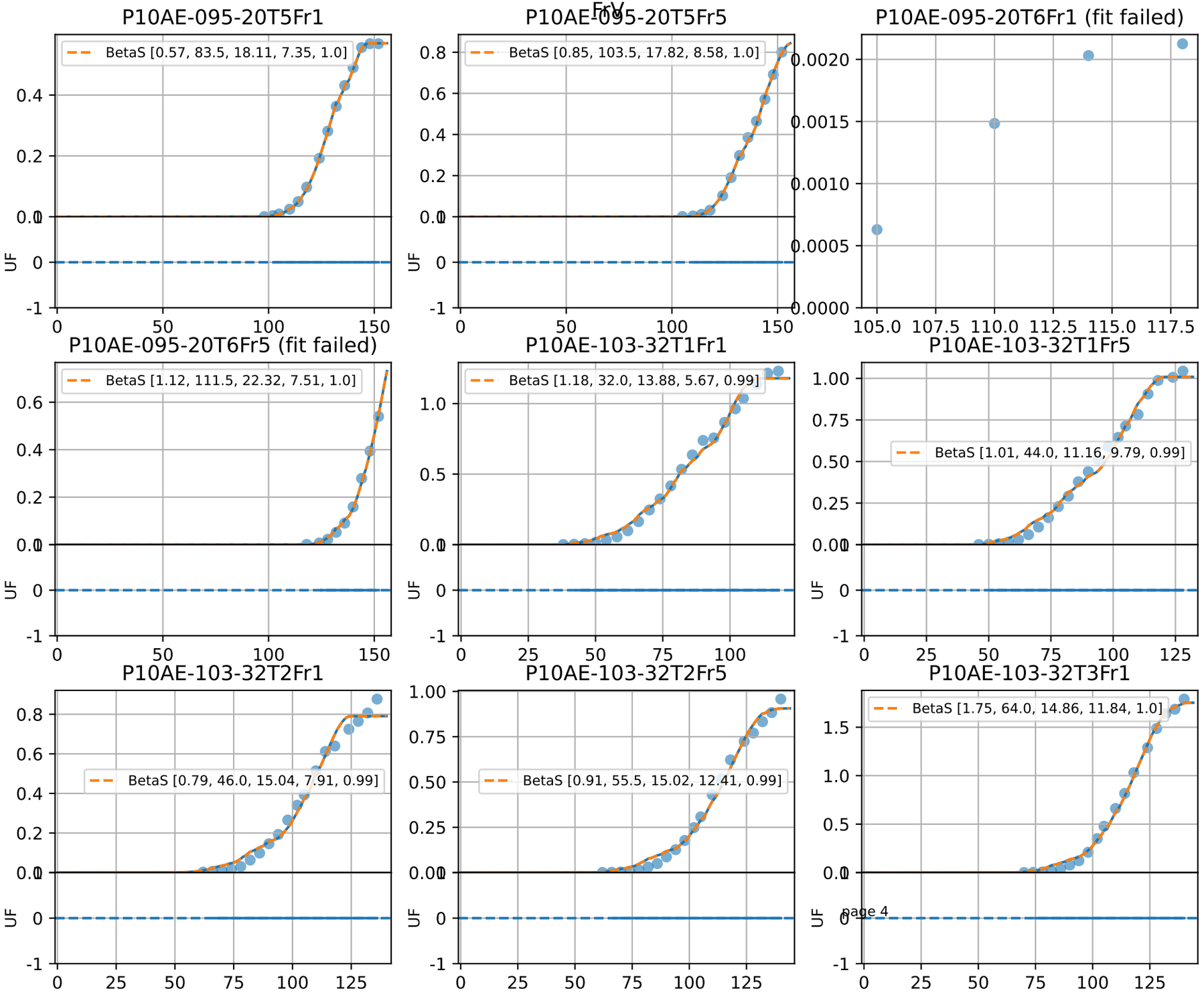


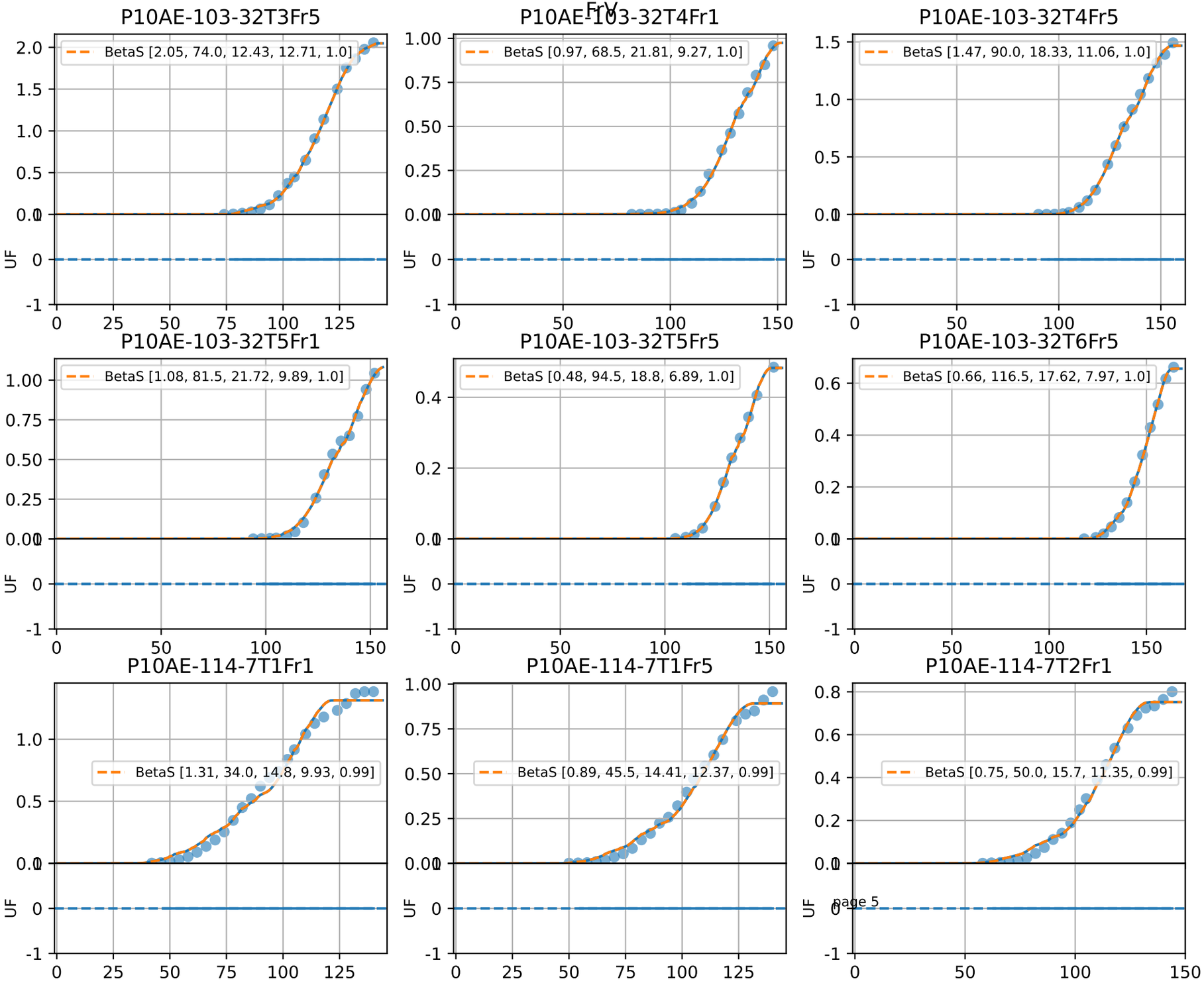
P10AE-095-20T4Fr1

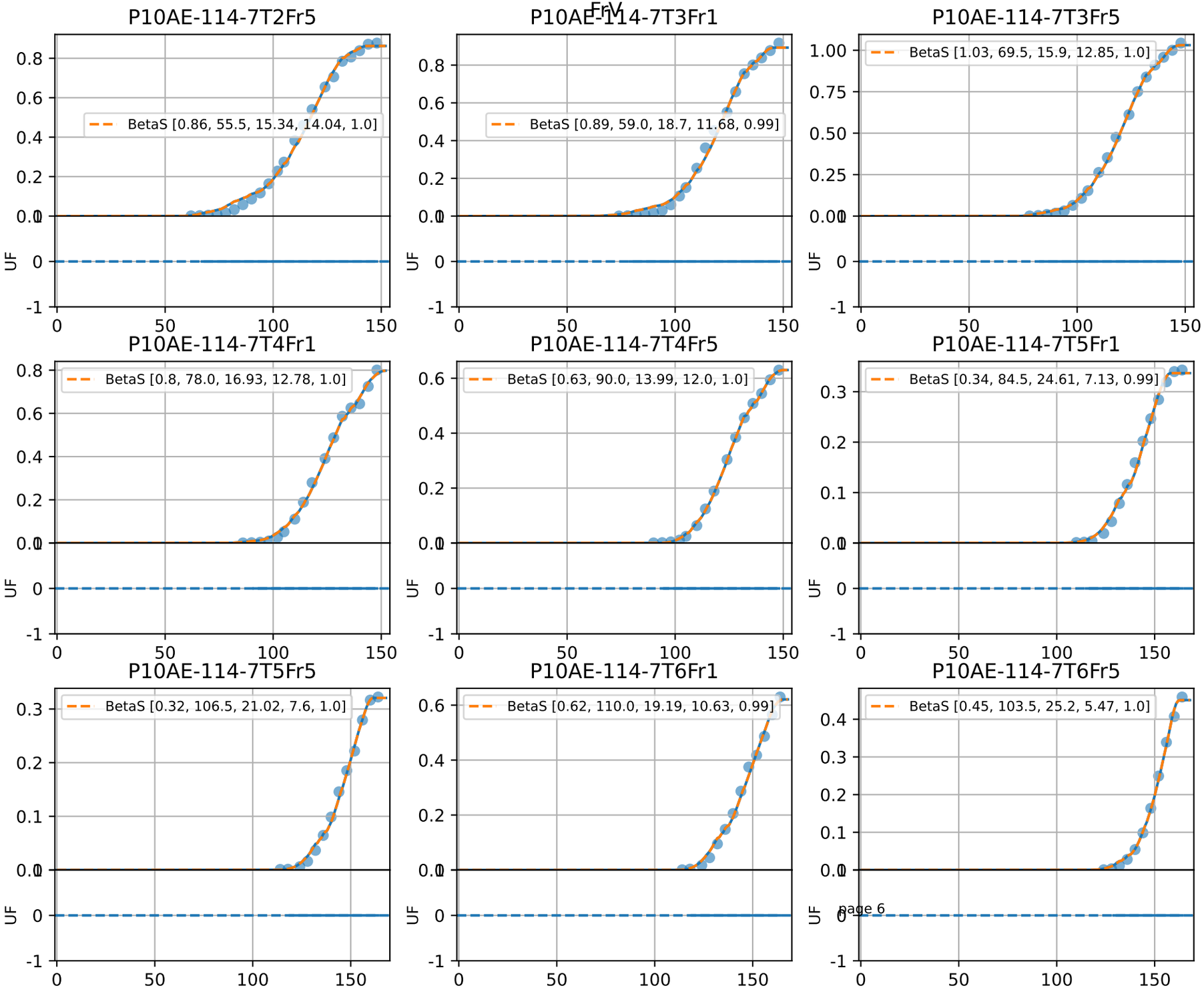


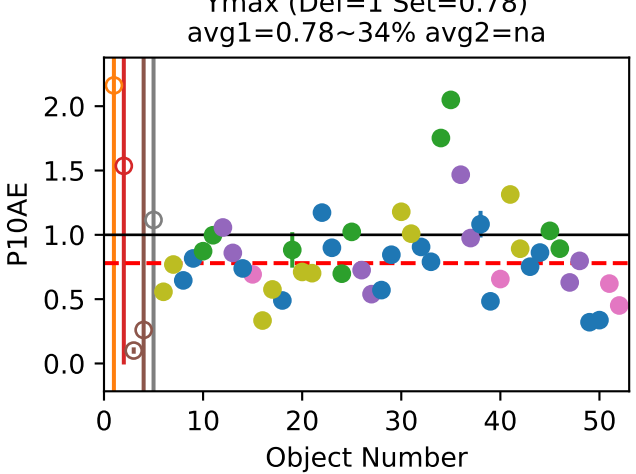
P10AE-095-20T4Fr5




P10AE-095-20T5Fr1
BetaS [0.57, 83.5, 18.11, 7.35, 1.0]
P10AE-095-20T5Fr5
BetaS [0.85, 103.5, 17.82, 8.58, 1.0]
P10AE-095-20T6Fr1 (fit failed)
P10AE-095-20T6Fr5 (fit failed)
BetaS [1.12, 111.5, 22.32, 7.51, 1.0]
P10AE-103-32T1Fr1
BetaS [1.18, 32.0, 13.88, 5.67, 0.99]
P10AE-103-32T1Fr5
BetaS [1.01, 44.0, 11.16, 9.79, 0.99]
P10AE-103-32T2Fr1
BetaS [0.79, 46.0, 15.04, 7.91, 0.99]
P10AE-103-32T2Fr5
BetaS [0.91, 55.5, 15.02, 12.41, 0.99]
P10AE-103-32T3Fr1
BetaS [1.75, 64.0, 14.86, 11.84, 1.0]
UF


P10AE-103-32T3Fr5
BetaS [2.05, 74.0, 12.43, 12.71, 1.0]
P10AE-103-32T4Fr1
BetaS [0.97, 68.5, 21.81, 9.27, 1.0]
P10AE-103-32T4Fr5
BetaS [1.47, 90.0, 18.33, 11.06, 1.0]
P10AE-103-32T5Fr1
BetaS [1.08, 81.5, 21.72, 9.89, 1.0]
P10AE-103-32T5Fr5
BetaS [0.48, 94.5, 18.8, 6.89, 1.0]
P10AE-103-32T6Fr5
BetaS [0.66, 116.5, 17.62, 7.97, 1.0]
P10AE-114-7T1Fr1
BetaS [1.31, 34.0, 14.8, 9.93, 0.99]
P10AE-114-7T1Fr5
BetaS [0.89, 45.5, 14.41, 12.37, 0.99]
P10AE-114-7T2Fr1
BetaS [0.75, 50.0, 15.7, 11.35, 0.99]
UF


P10AE-114-7T2Fr5
BetaS [0.86, 55.5, 15.34, 14.04, 1.0]
P10AE-114-7T3Fr1
BetaS [0.89, 59.0, 18.7, 11.68, 0.99]
P10AE-114-7T3Fr5
BetaS [1.03, 69.5, 15.9, 12.85, 1.0]
P10AE-114-7T4Fr1
BetaS [0.8, 78.0, 16.93, 12.78, 1.0]
P10AE-114-7T4Fr5
BetaS [0.63, 90.0, 13.99, 12.0, 1.0]
P10AE-114-7T5Fr1
BetaS [0.34, 84.5, 24.61, 7.13, 0.99]
P10AE-114-7T5Fr5
BetaS [0.32, 106.5, 21.02, 7.6, 1.0]
P10AE-114-7T6Fr1
BetaS [0.62, 110.0, 19.19, 10.63, 0.99]
P10AE-114-7T6Fr5
BetaS [0.45, 103.5, 25.2, 5.47, 1.0]
UF


Ymax (Def=1 Set=0.78)
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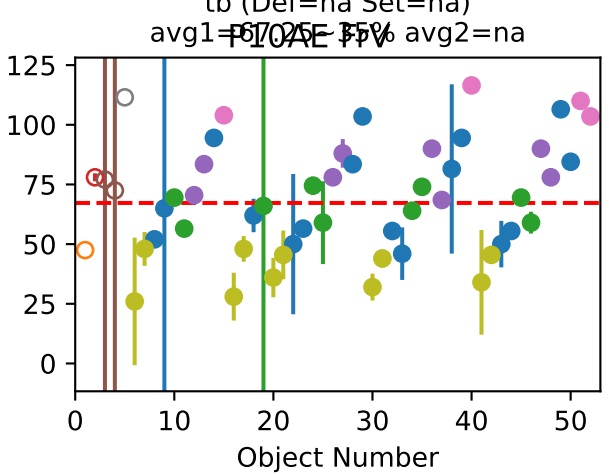
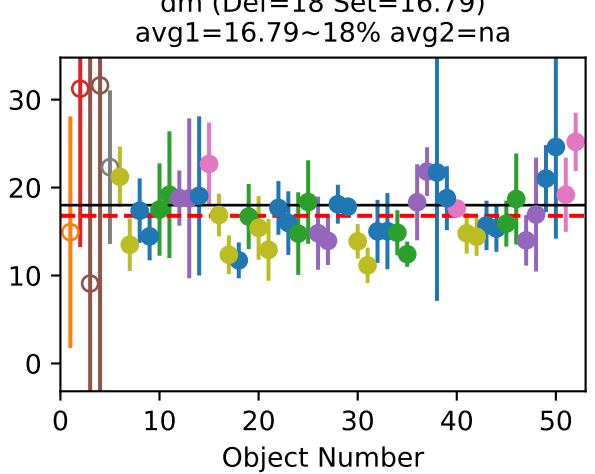
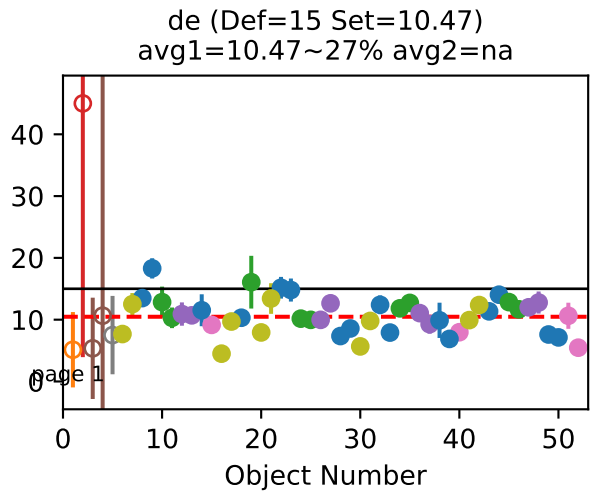
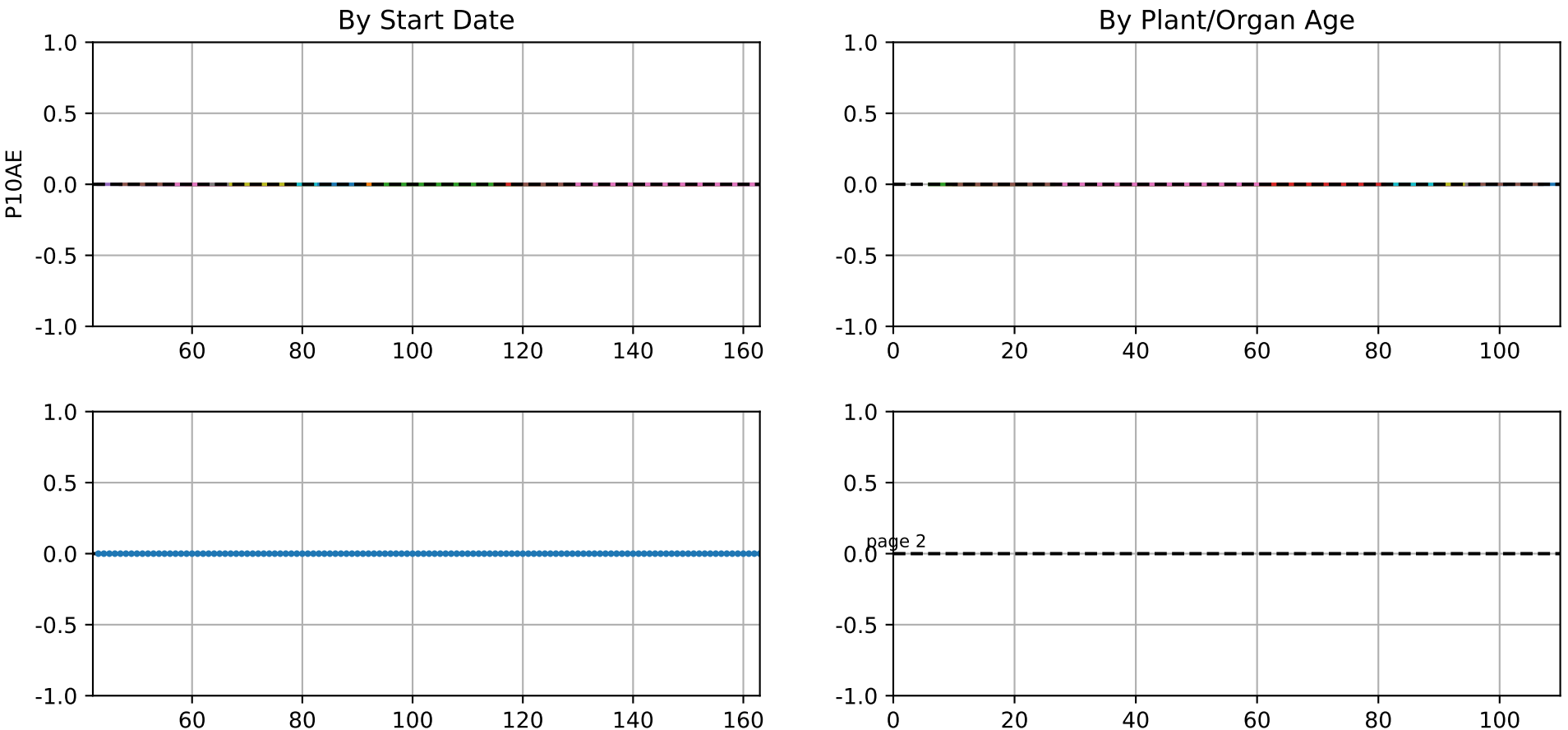
P10AE
Object Number

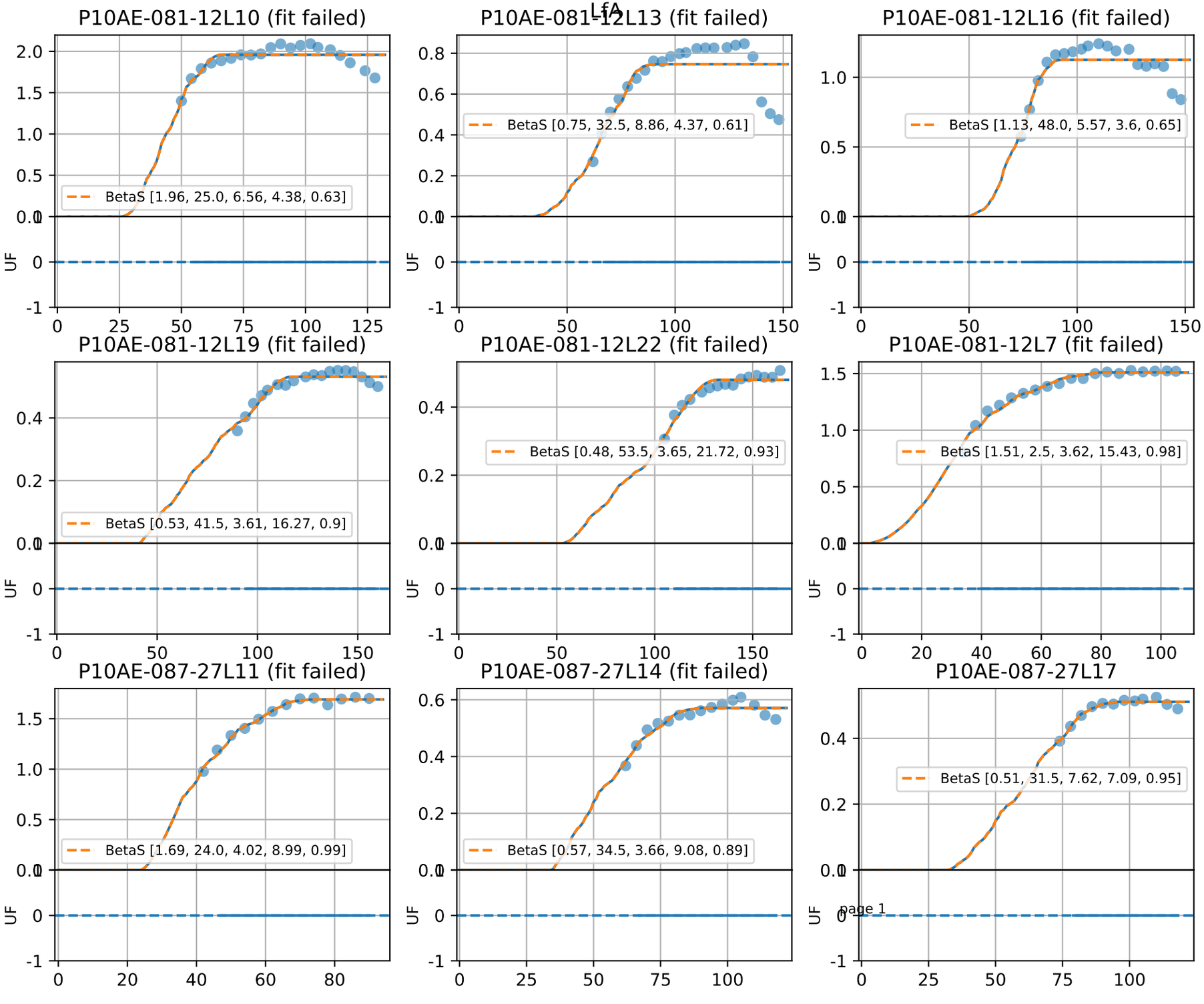

tb (Def=na Set=na)
avg1=67.25~35% avg2=na
P10AE PPV
Object Number

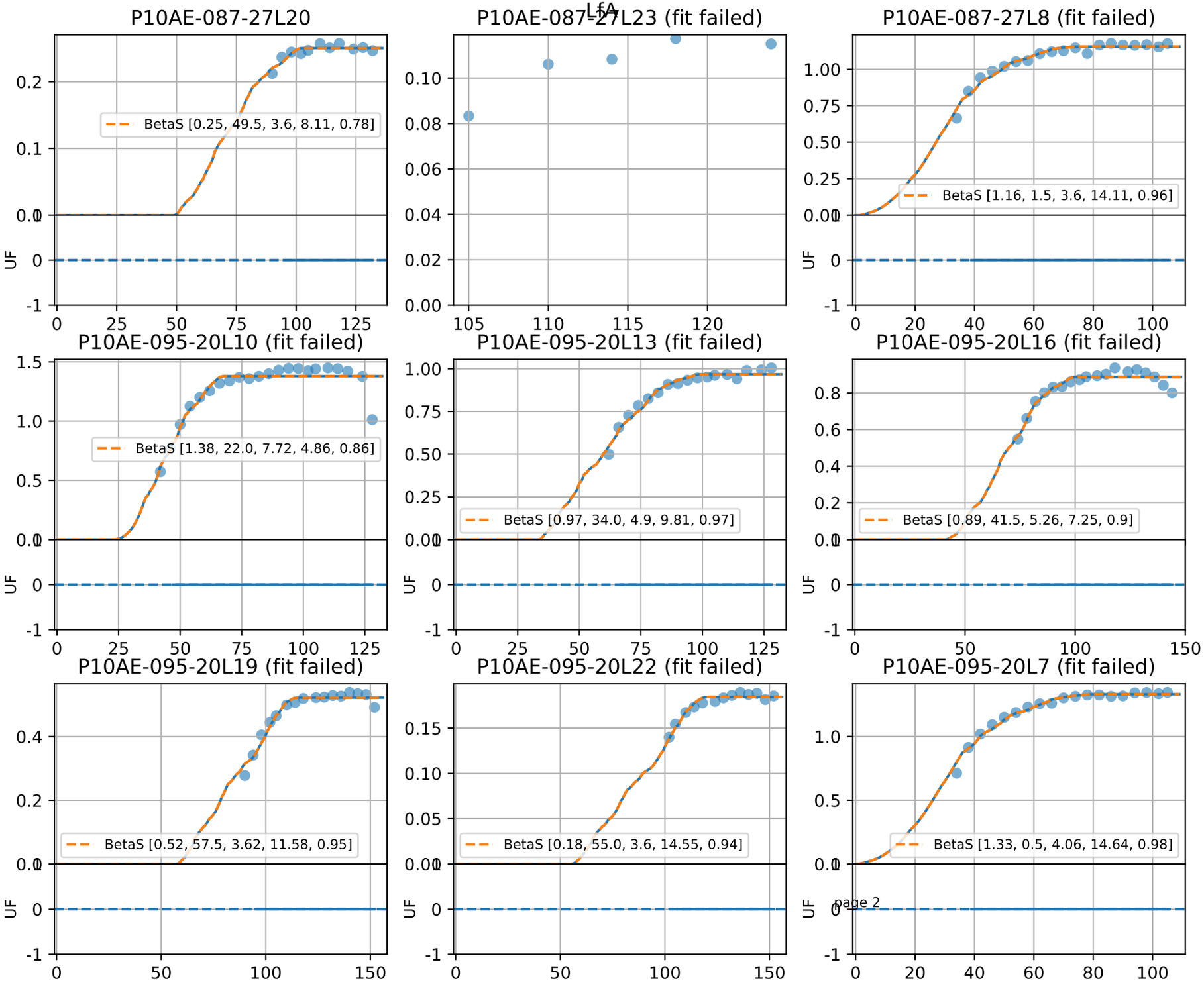

dm (Def=18 Set=16.79)
avg1=16.79~18% avg2=na
Object Number

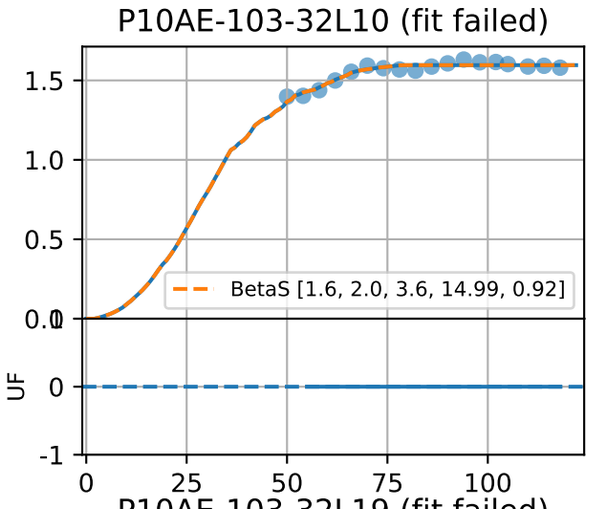

de (Def=15 Set=10.47)
avg1=10.47~27% avg2=na
page 1
Object Number

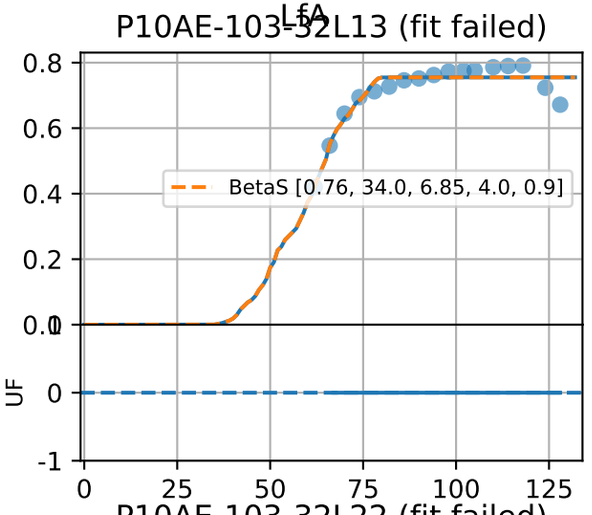
FrV

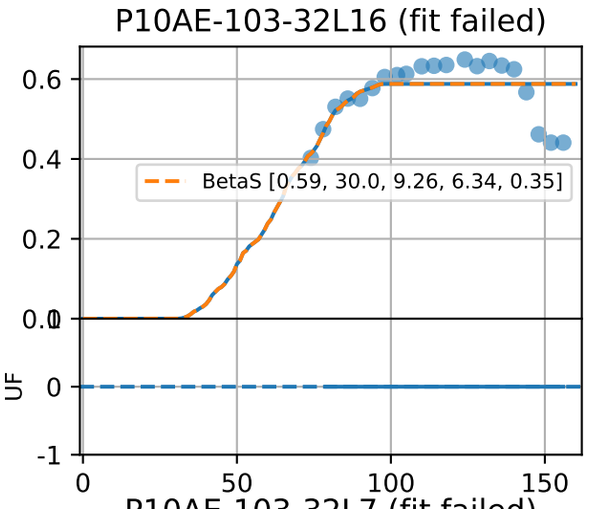

By Start Date
By Plant/Organ Age
P10AE
1.0
0.5
0.0
-0.5
-1.0
60
80
100
120
140
160
0
20
40
60
80
100
page 2

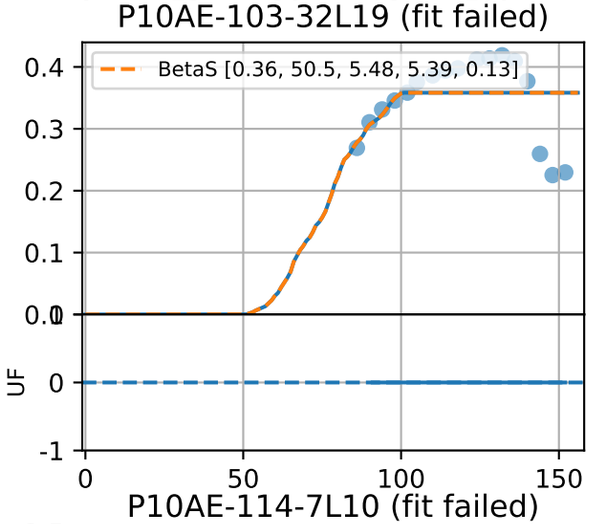

P10AE-081-12L10 (fit failed)
BetaS [1.96, 25.0, 6.56, 4.38, 0.63]
P10AE-081-12L13 (fit failed)
BetaS [0.75, 32.5, 8.86, 4.37, 0.61]
P10AE-081-12L16 (fit failed)
BetaS [1.13, 48.0, 5.57, 3.6, 0.65]
P10AE-081-12L19 (fit failed)
BetaS [0.53, 41.5, 3.61, 16.27, 0.9]
P10AE-081-12L22 (fit failed)
BetaS [0.48, 53.5, 3.65, 21.72, 0.93]
P10AE-081-12L7 (fit failed)
BetaS [1.51, 2.5, 3.62, 15.43, 0.98]
P10AE-087-27L11 (fit failed)
BetaS [1.69, 24.0, 4.02, 8.99, 0.99]
P10AE-087-27L14 (fit failed)
BetaS [0.57, 34.5, 3.66, 9.08, 0.89]
P10AE-087-27L17
BetaS [0.51, 31.5, 7.62, 7.09, 0.95]
UF

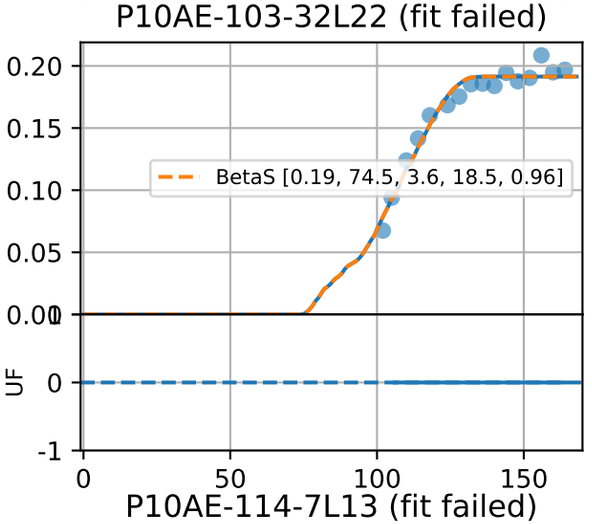

P10AE-087-27L20
BetaS [0.25, 49.5, 3.6, 8.11, 0.78]
P10AE-087-27L23 (fit failed)
P10AE-087-27L8 (fit failed)
BetaS [1.16, 1.5, 3.6, 14.11, 0.96]
P10AE-095-20L10 (fit failed)
BetaS [1.38, 22.0, 7.72, 4.86, 0.86]
P10AE-095-20L13 (fit failed)
BetaS [0.97, 34.0, 4.9, 9.81, 0.97]
P10AE-095-20L16 (fit failed)
BetaS [0.89, 41.5, 5.26, 7.25, 0.9]
P10AE-095-20L19 (fit failed)
BetaS [0.52, 57.5, 3.62, 11.58, 0.95]
P10AE-095-20L22 (fit failed)
BetaS [0.18, 55.0, 3.6, 14.55, 0.94]
P10AE-095-20L7 (fit failed)
BetaS [1.33, 0.5, 4.06, 14.64, 0.98]
UF

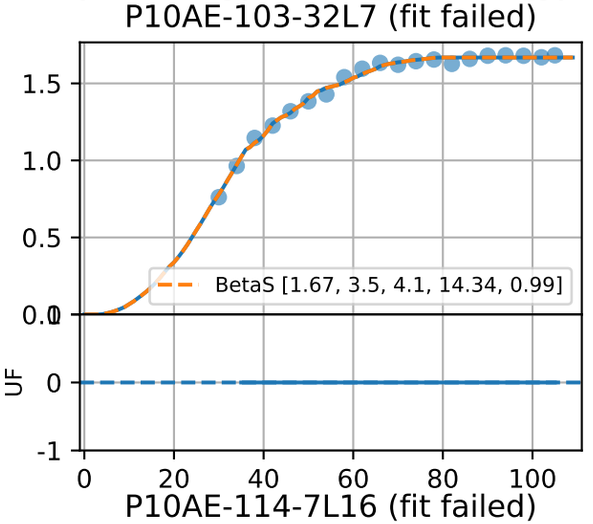

P10AE-103-32L10 (fit failed)
BetaS [1.6, 2.0, 3.6, 14.99, 0.92]
UF

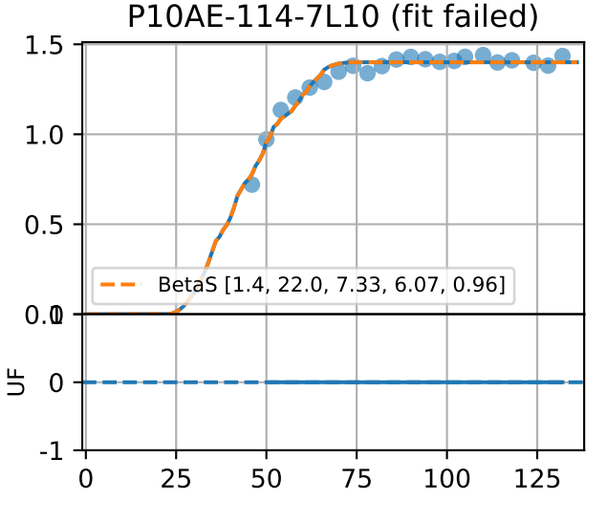

P10AE-103-32L13 (fit failed)
BetaS [0.76, 34.0, 6.85, 4.0, 0.9]
UF

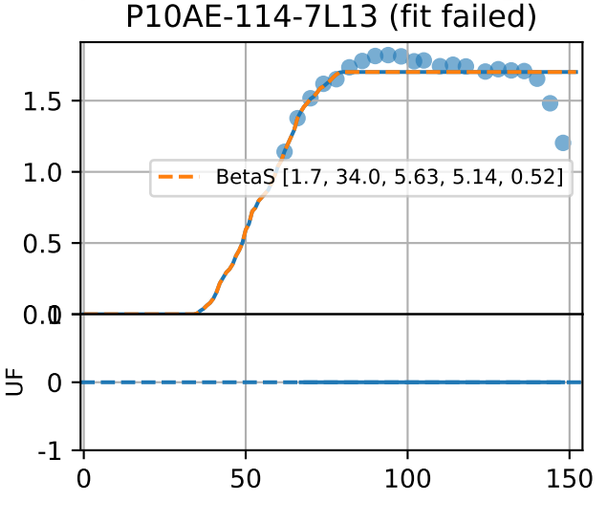

P10AE-103-32L16 (fit failed)
BetaS [0.59, 30.0, 9.26, 6.34, 0.35]
UF

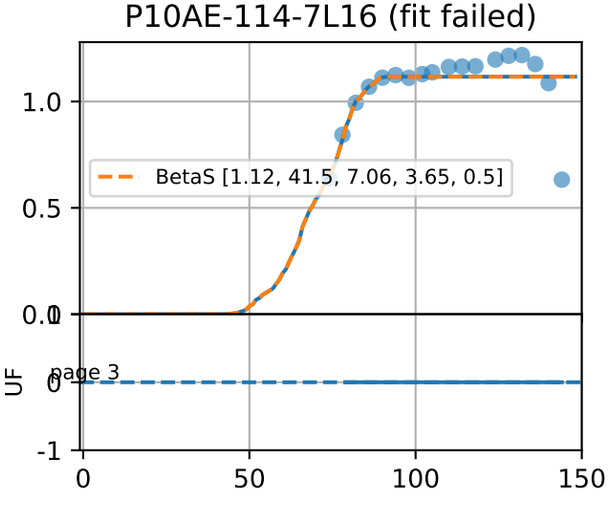

P10AE-103-32L19 (fit failed)
BetaS [0.36, 50.5, 5.48, 5.39, 0.13]
UF

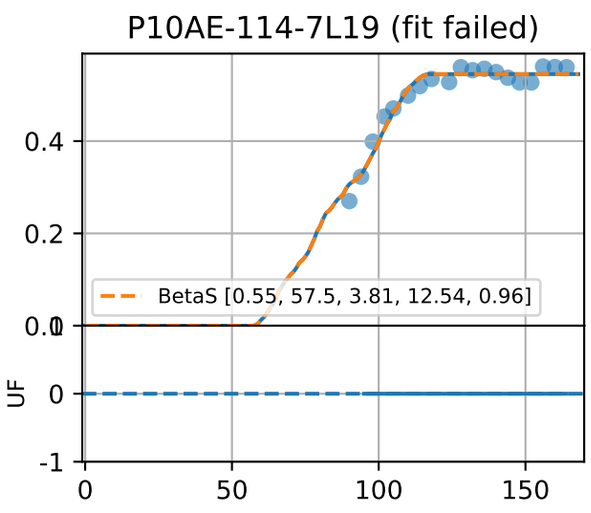

P10AE-103-32L22 (fit failed)
BetaS [0.19, 74.5, 3.6, 18.5, 0.96]
UF

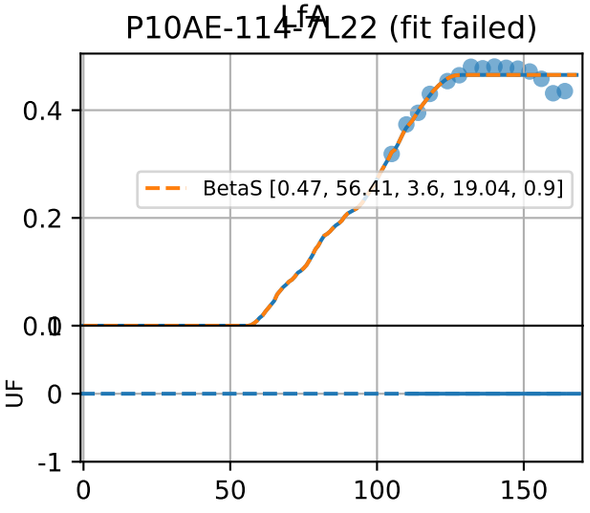

P10AE-103-32L7 (fit failed)
BetaS [1.67, 3.5, 4.1, 14.34, 0.99]
UF

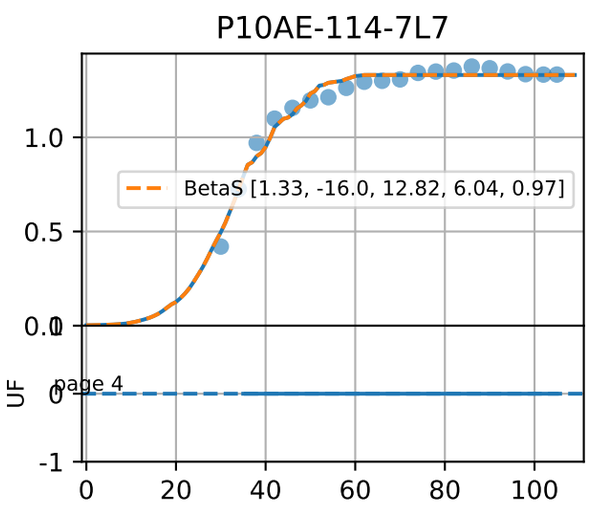

P10AE-114-7L10 (fit failed)
BetaS [1.4, 22.0, 7.33, 6.07, 0.96]
UF

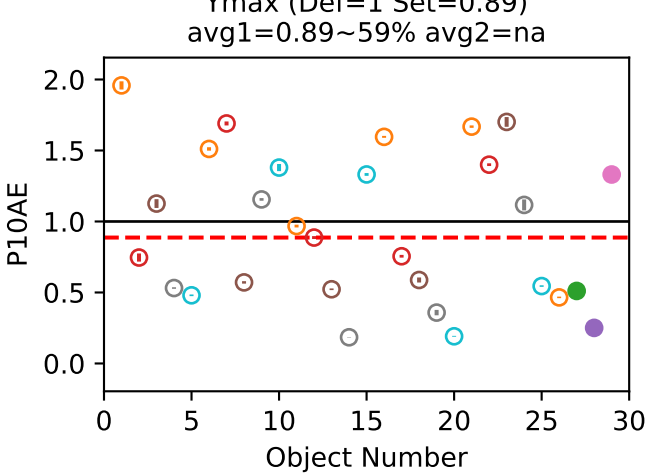

P10AE-114-7L13 (fit failed)
BetaS [1.7, 34.0, 5.63, 5.14, 0.52]
UF

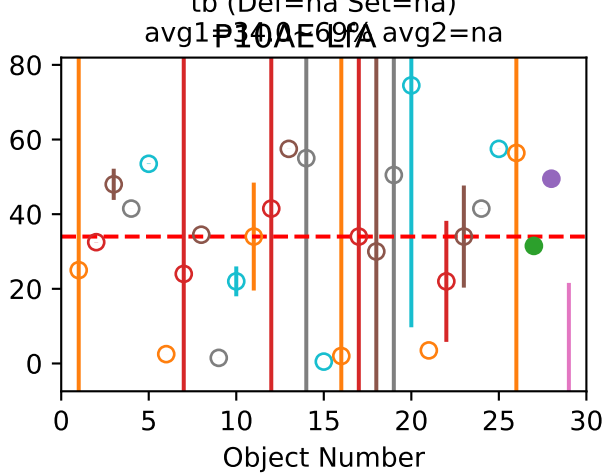

P10AE-114-7L16 (fit failed)
BetaS [1.12, 41.5, 7.06, 3.65, 0.5]
UF

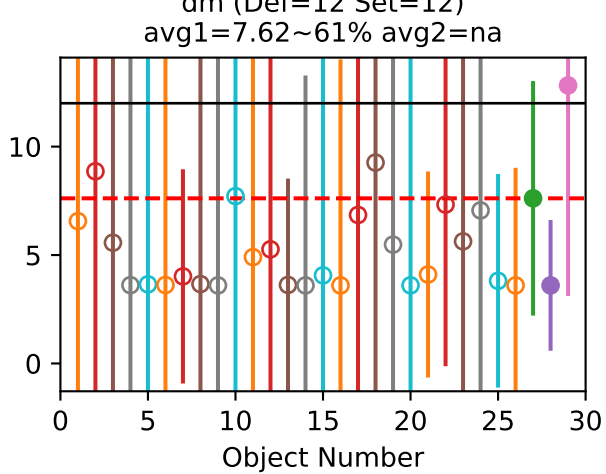

P10AE-114-7L19 (fit failed)
BetaS [0.55, 57.5, 3.81, 12.54, 0.96]
UF
0.4
0.2
0.0
0
-1
0
50
100
150

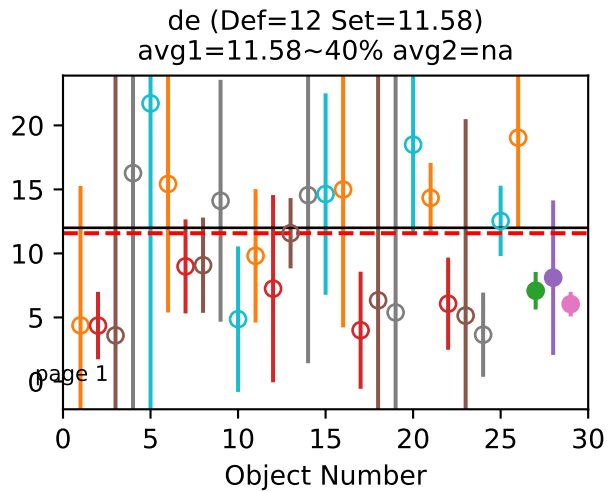

P10AE-114-7L22 (fit failed)
BetaS [0.47, 56.41, 3.6, 19.04, 0.9]
UF
0.4
0.2
0.0
0
-1
0
50
100
150

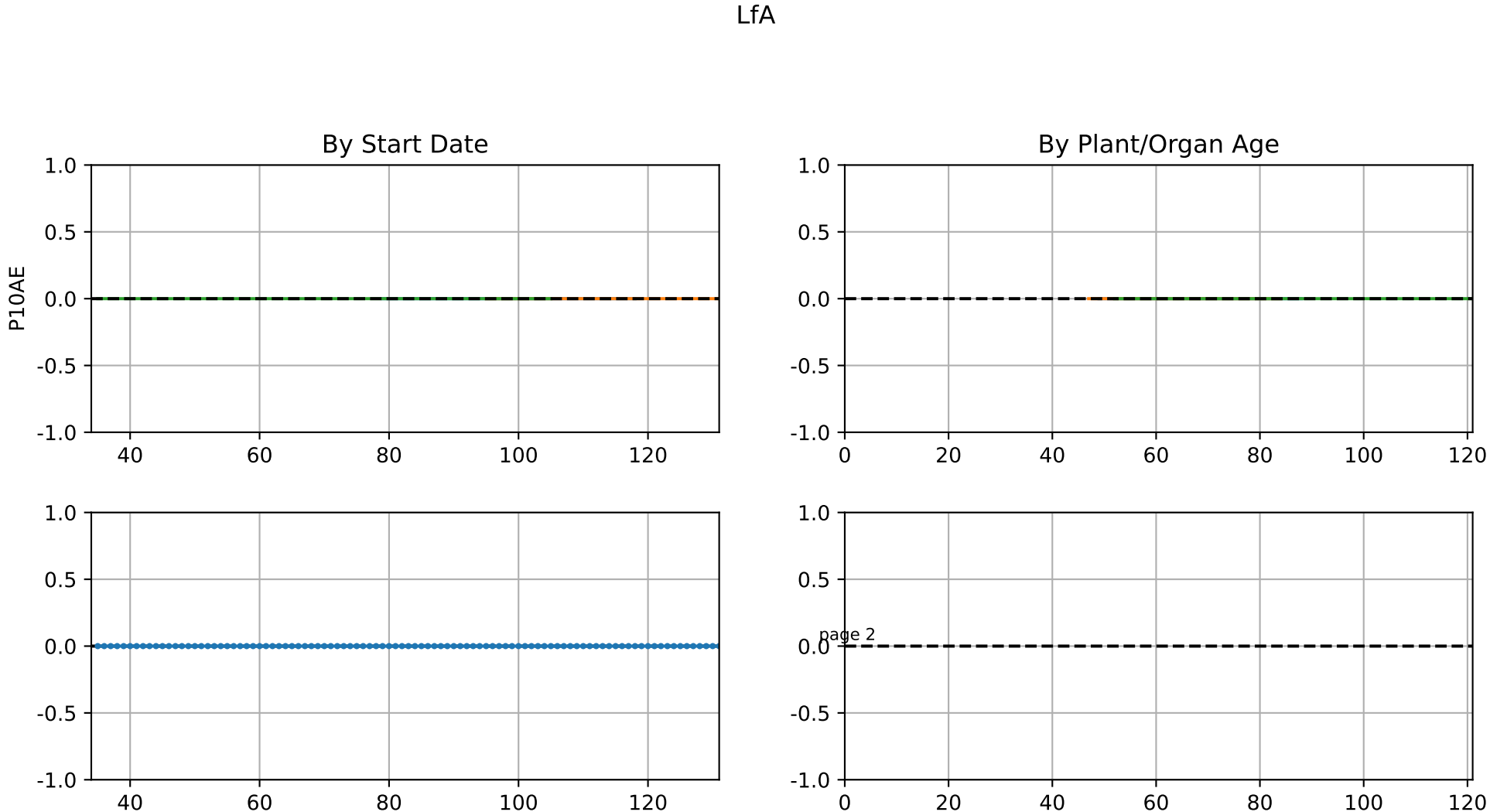

P10AE-114-7L7
BetaS [1.33, -16.0, 12.82, 6.04, 0.97]
UF
1.0
0.5
0.0
0
-1
0
20
40
60
80
100

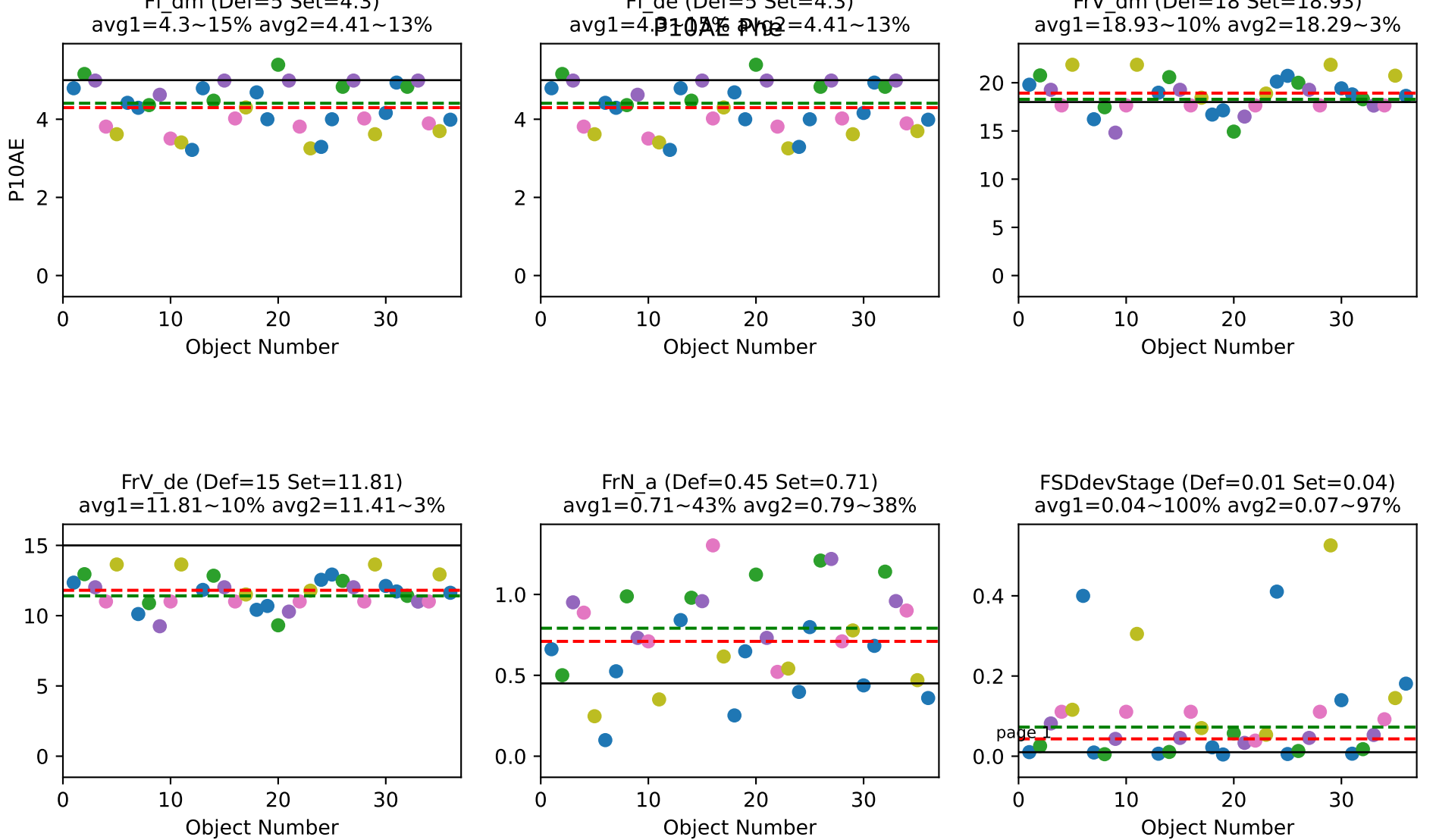

Ymax (Def=1 Set=0.89)
avg1=0.89~59% avg2=na
P10AE
Object Number


tb (Def=na Set=na)
avg1=34.0~69% avg2=na
P10AE-LfA
Object Number

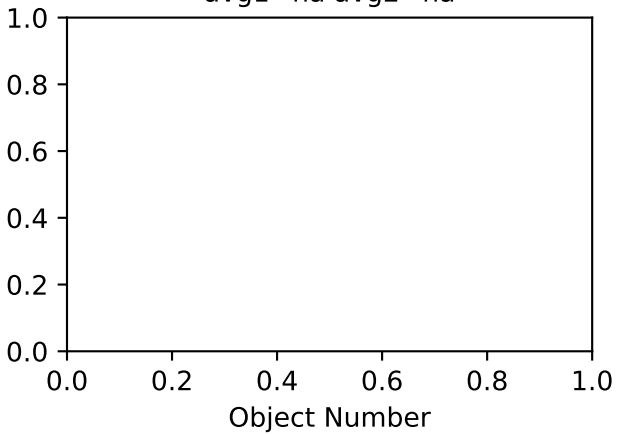

dm (Def=12 Set=12)
avg1=7.62~61% avg2=na
Object Number


de (Def=12 Set=11.58)
avg1=11.58~40% avg2=na
page 1
Object Number

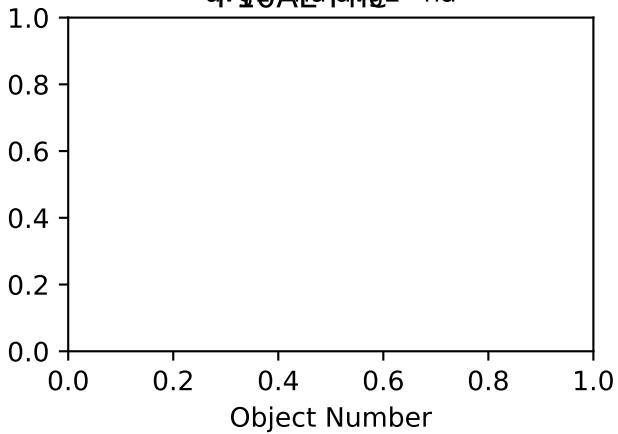

LfA
By Start Date
By Plant/Organ Age
P10AE
1.0
0.5
0.0
-0.5
-1.0
40
60
80
100
120
0
20
page 2


Fr_dm (Def=5 Set=4.3)
avg1=4.3~15% avg2=4.41~13%
P10AE
Object Number
Fr_de (Def=5 Set=4.3)
avg1=4.31~15% avg2=4.41~13%
P10AE Fre
Object Number
FrV_dm (Def=18 Set=18.93)
avg1=18.93~10% avg2=18.29~3%
Object Number
FrV_de (Def=15 Set=11.81)
avg1=11.81~10% avg2=11.41~3%
Object Number
FrN_a (Def=0.45 Set=0.71)
avg1=0.71~43% avg2=0.79~38%
Object Number
FSDdevStage (Def=0.01 Set=0.04)
avg1=0.04~100% avg2=0.07~97%
page 1
Object Number

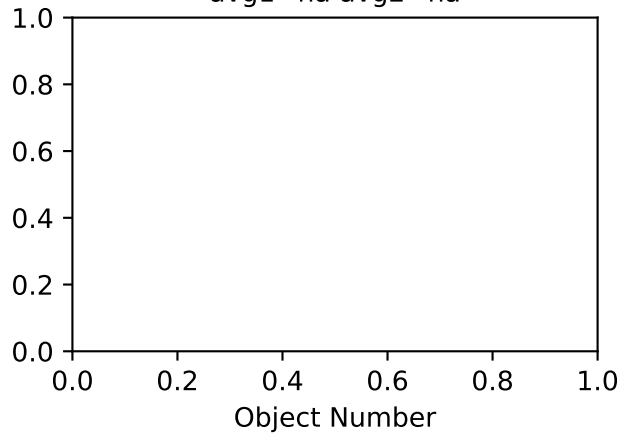
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



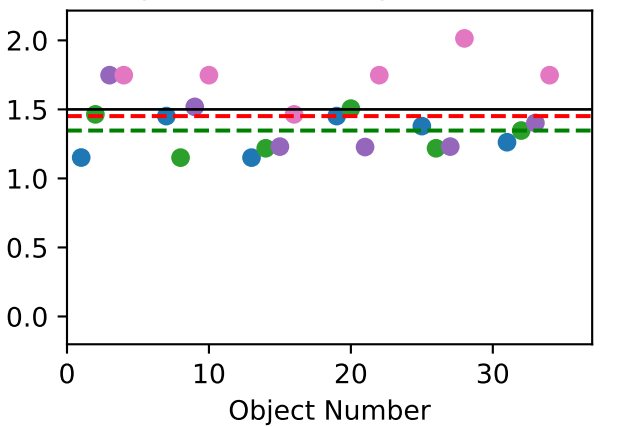
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



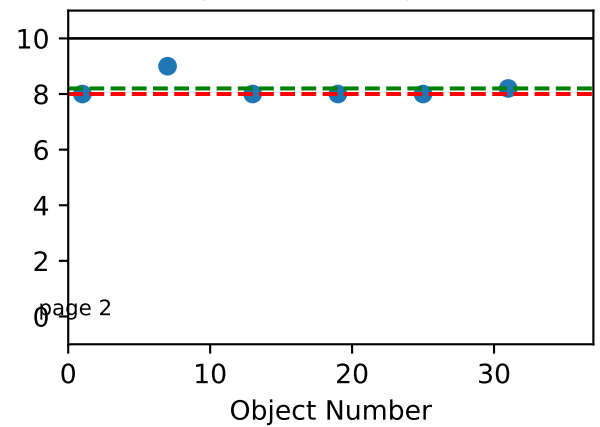
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na

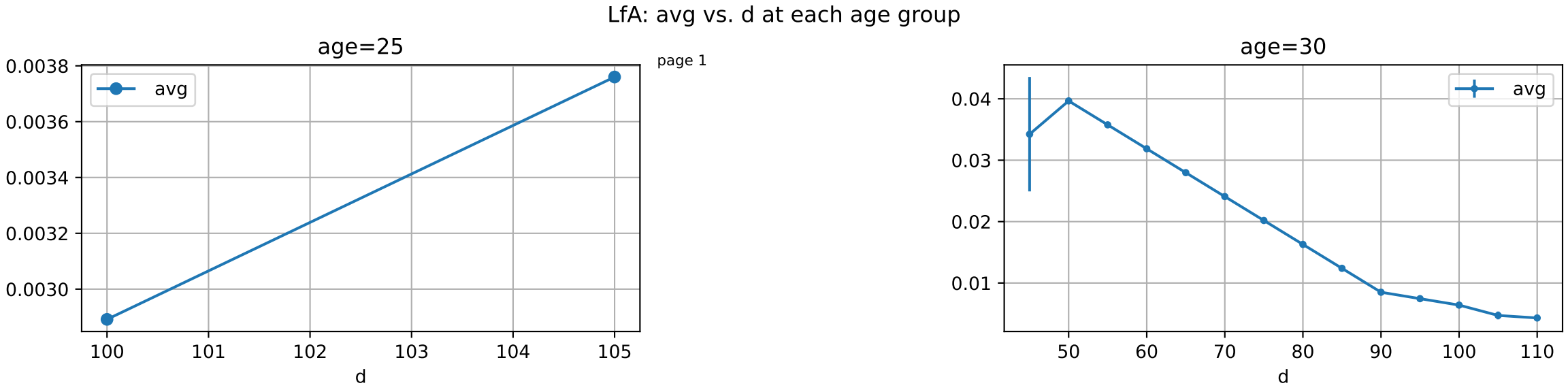


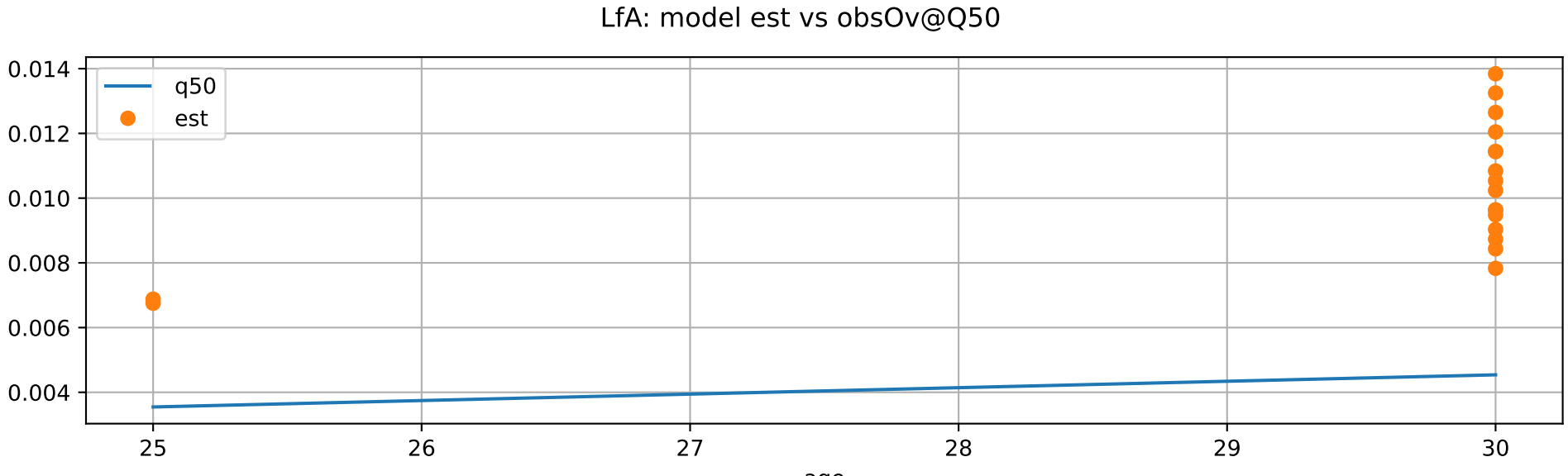
FHDdevStage (Def=1.5 Set=1.45)
avg1=1.45~17% avg2=1.35~5%

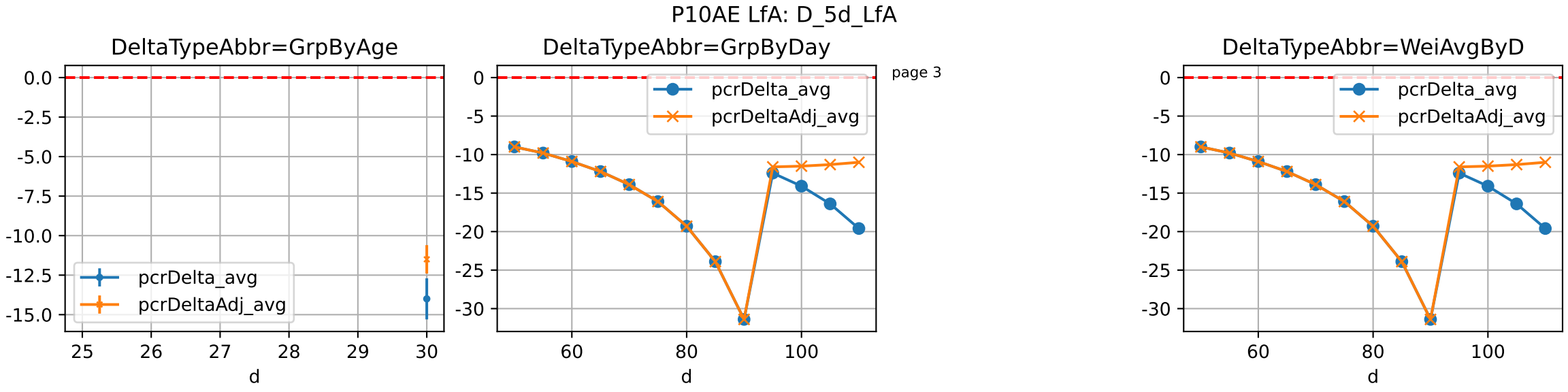


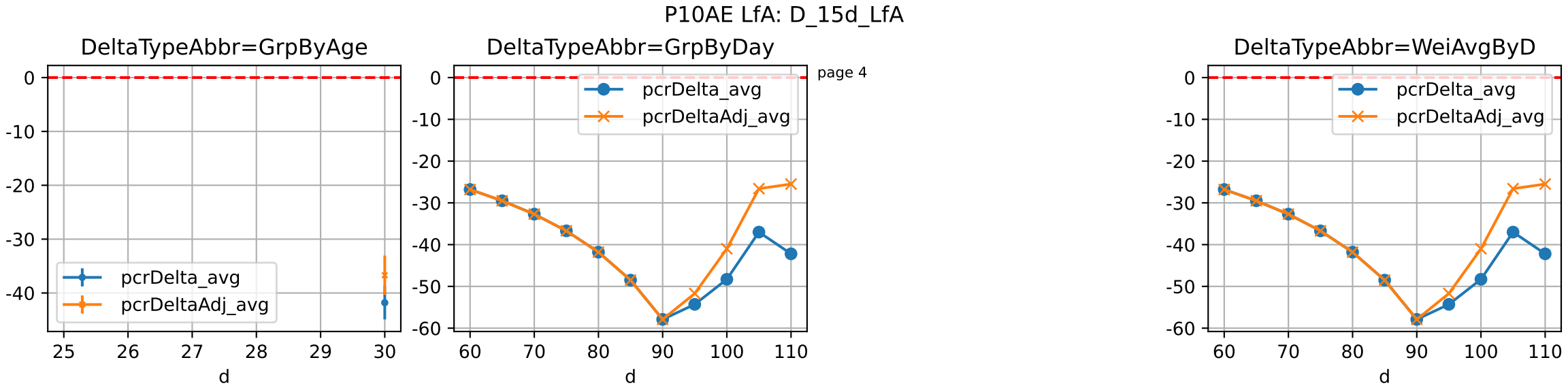
NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=8.2



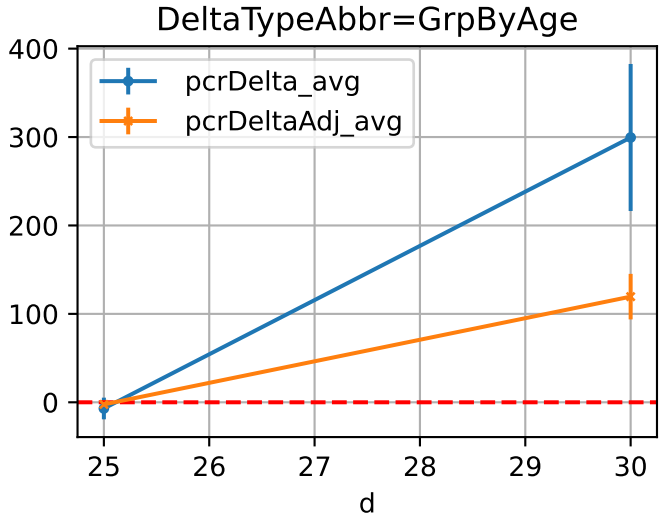

LfA: avg vs. d at each age group
age=25
avg
0.0038
0.0036
0.0034
0.0032
0.0030
100
101
102
103
104
105
d
page 1
age=30
avg
0.04
0.03
0.02
0.01
50
60
70
80
90
100
110
d

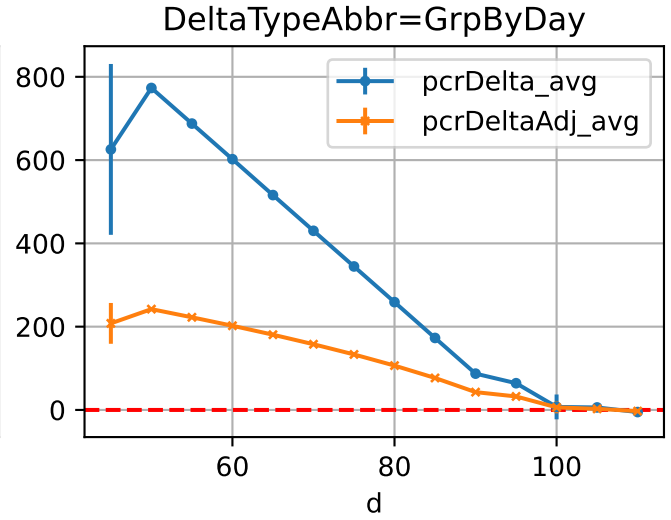

LfA: model est vs obsOv@Q50
q50
est
0.014
0.012
0.010
0.008
0.006
0.004
25
26
27
28
29
30

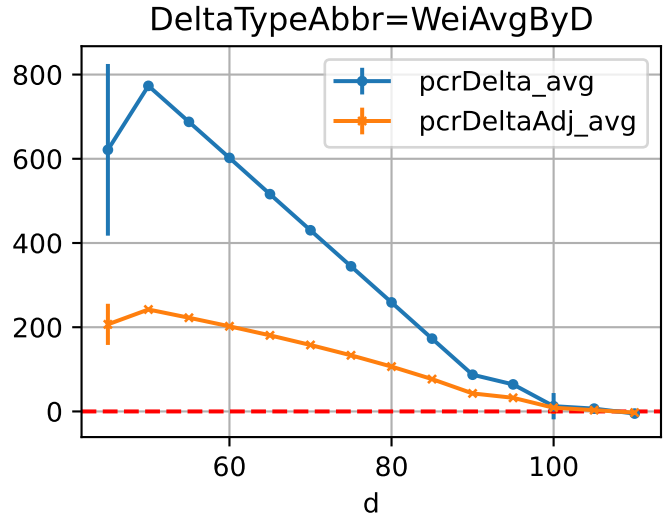

P10AE LfA: D_5d_LfA
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
page 3
pcrDelta_avg
pcrDeltaAdj_avg
d


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

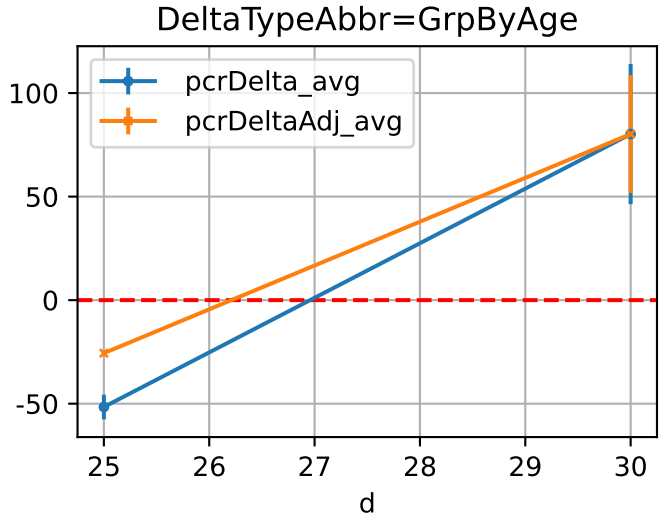
P10AE LfA: D_Q50_LfA

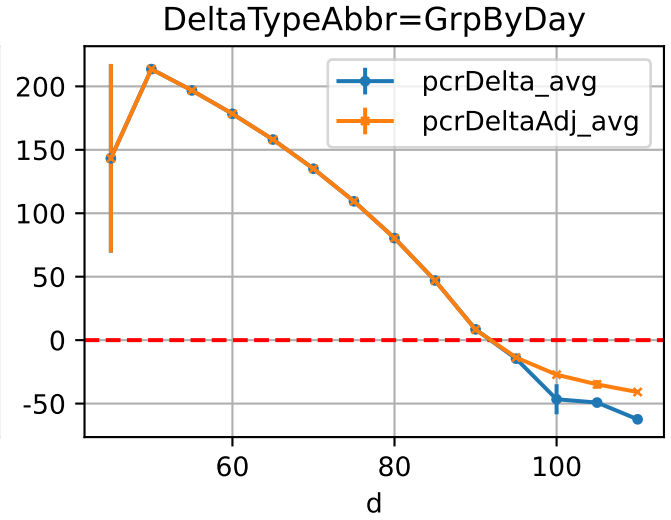


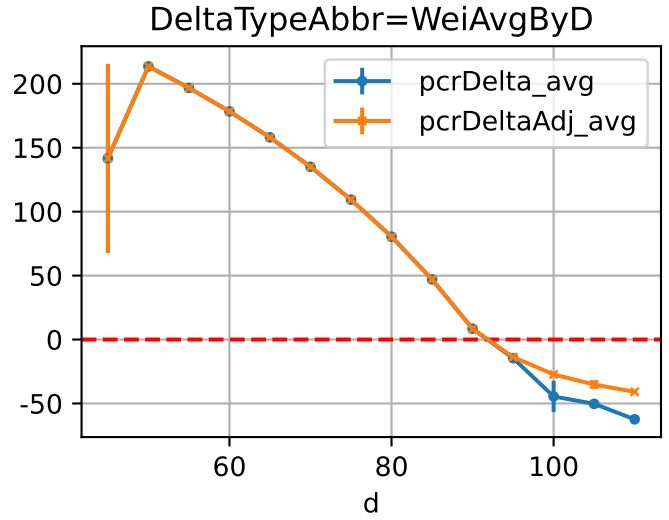


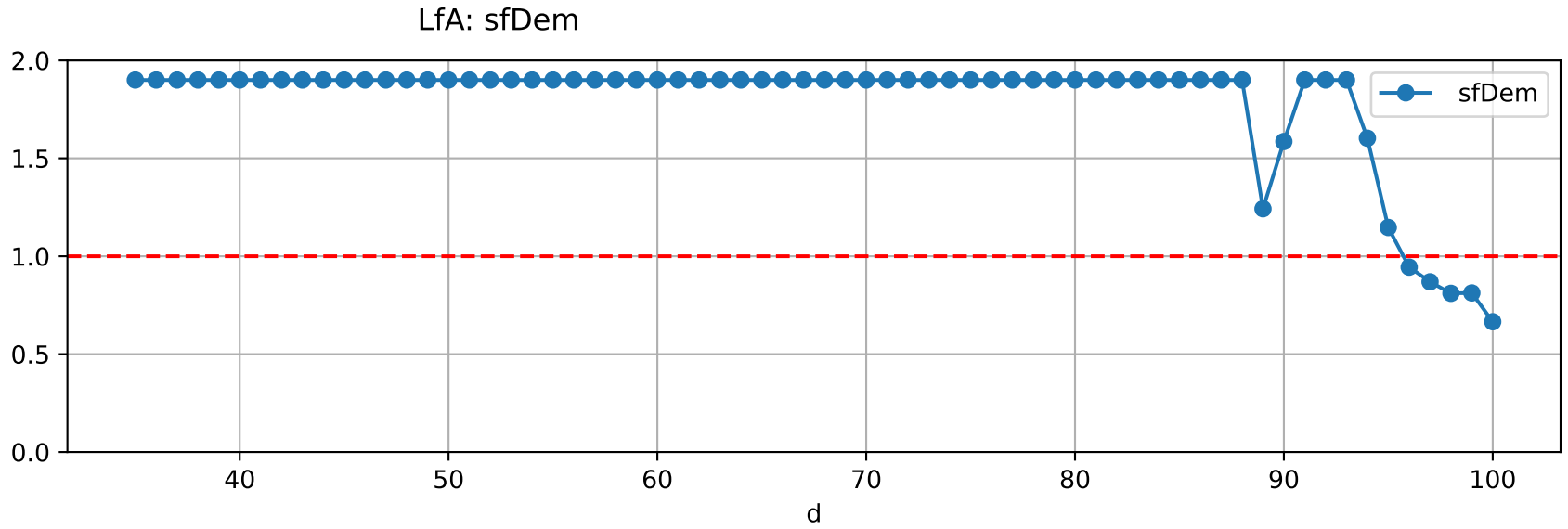


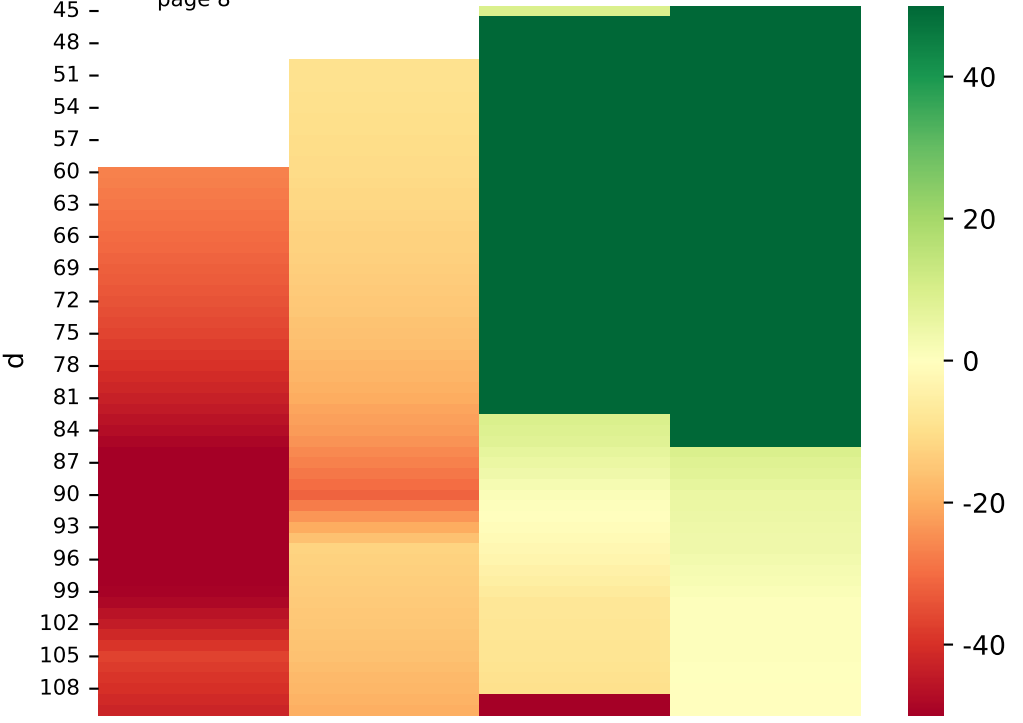
P10AE LfA: D_Est_LfA



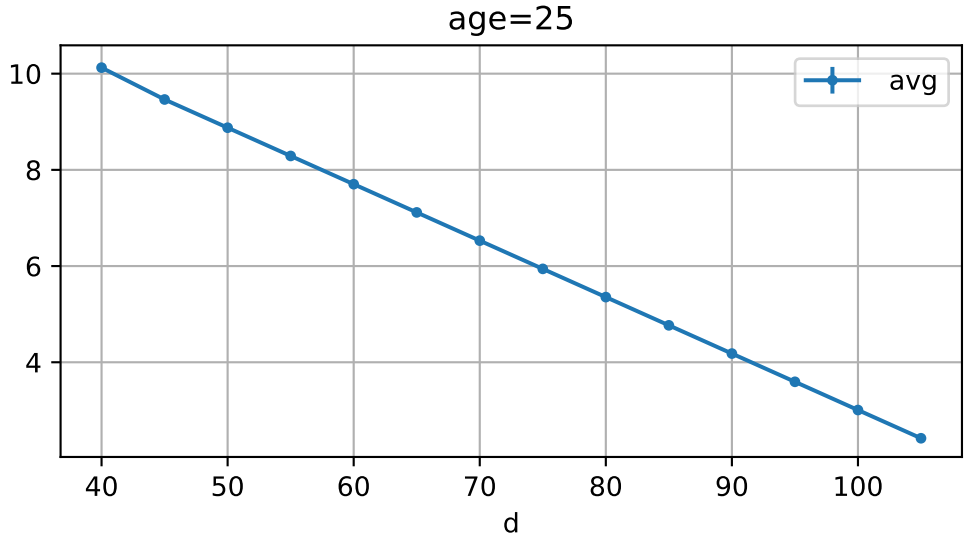


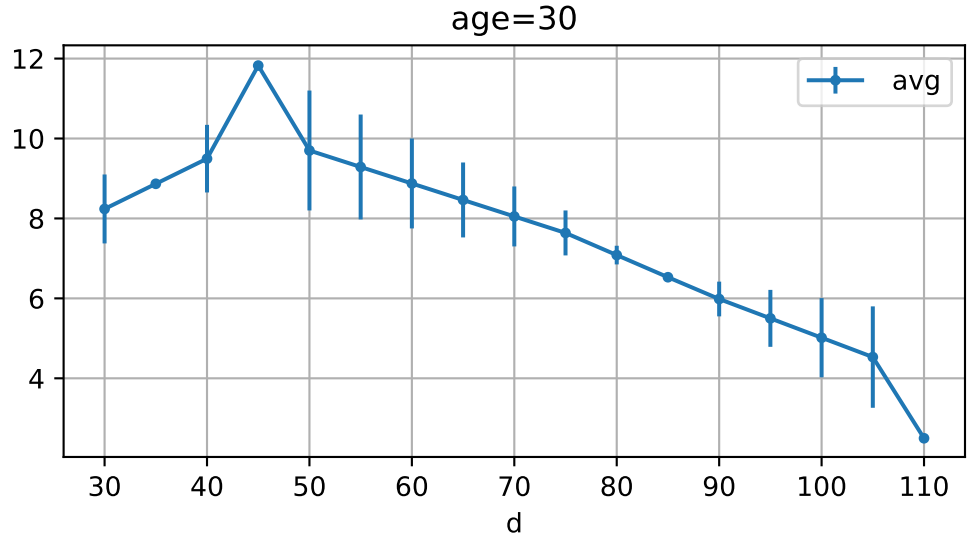


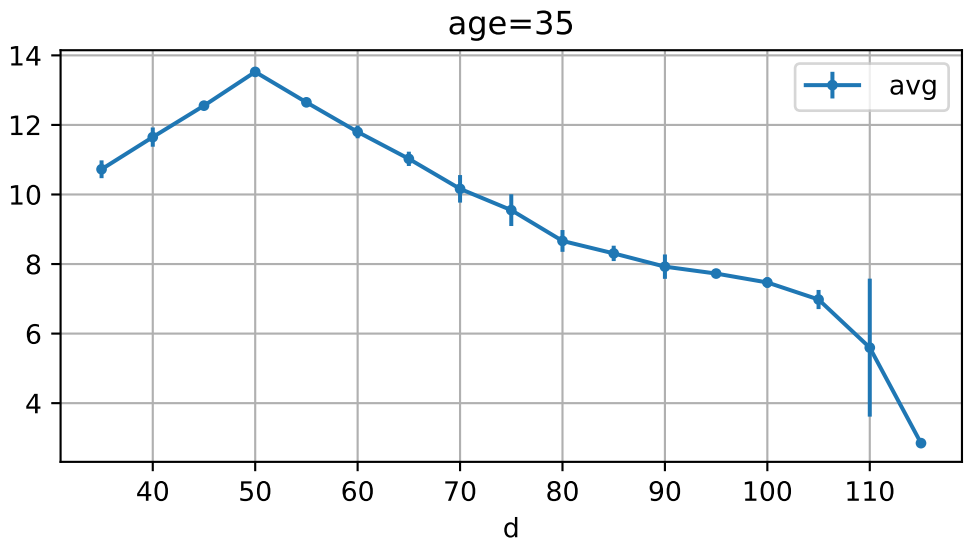

LfA: sfDem
2.0
1.5
1.0
0.5
0.0
40
50
60
70
80
90
100
d
sfDem

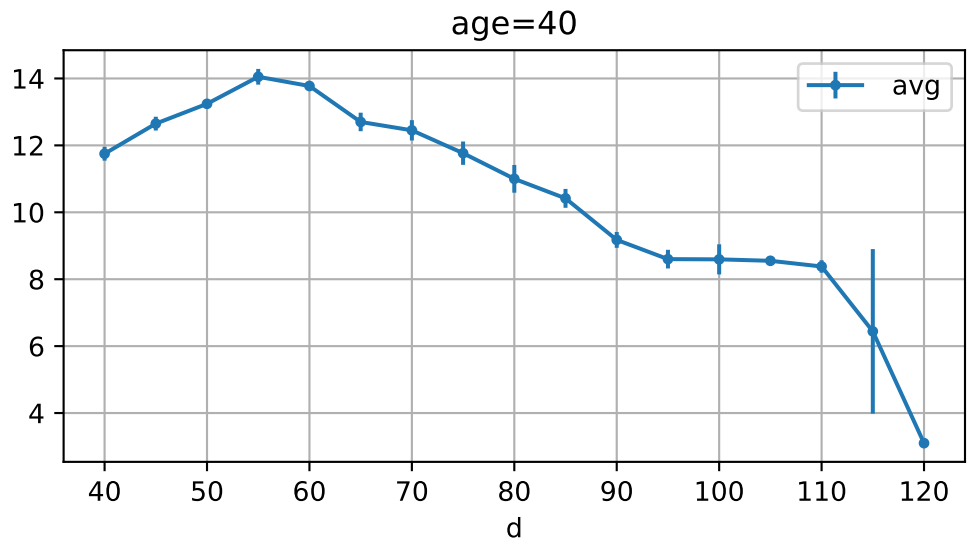

d
45
48
51
54
57
60
63
66
69
72
75
78
81
84
87
90
93
96
99
102
105
108
40
20
0
-20
-40

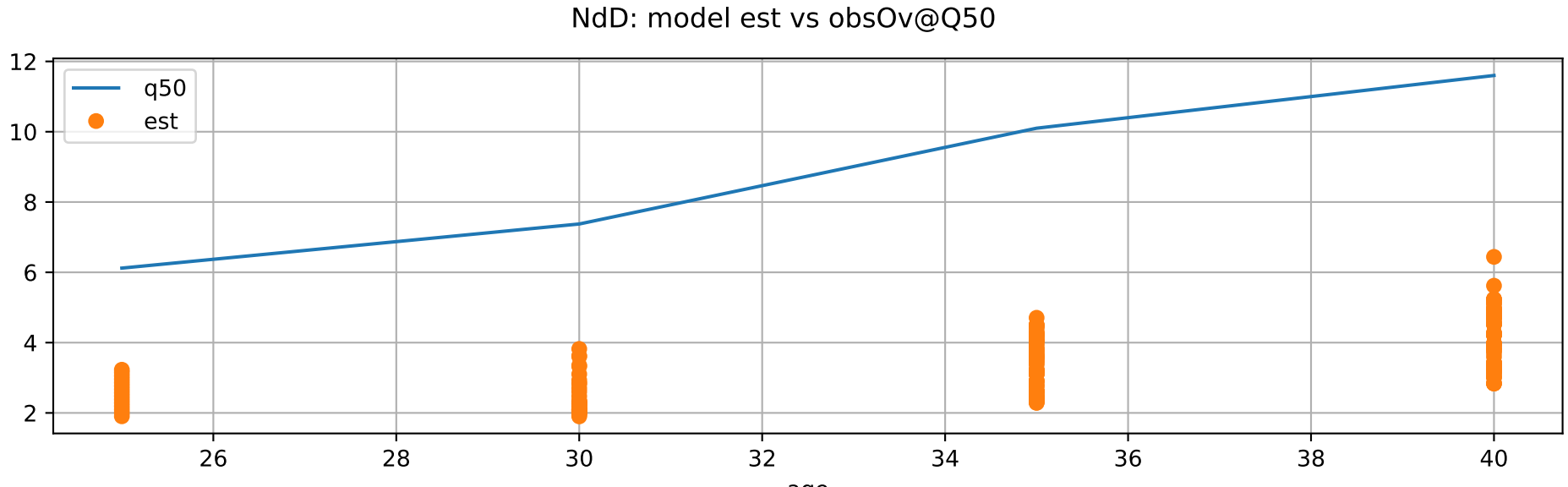
NdD: avg vs. d at each age group



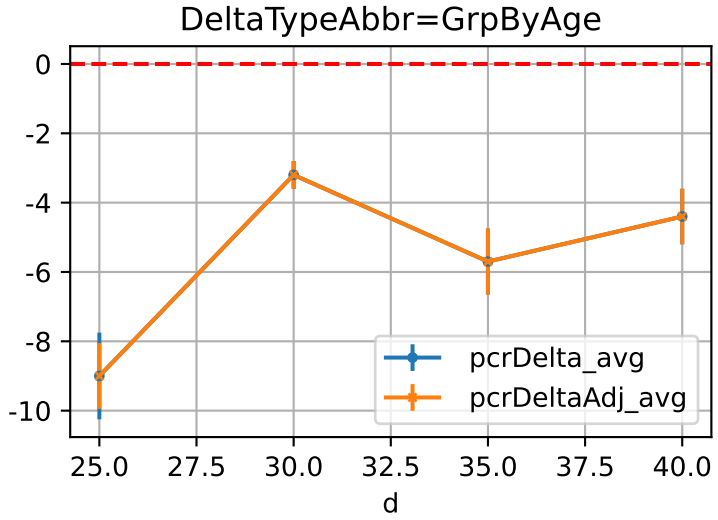


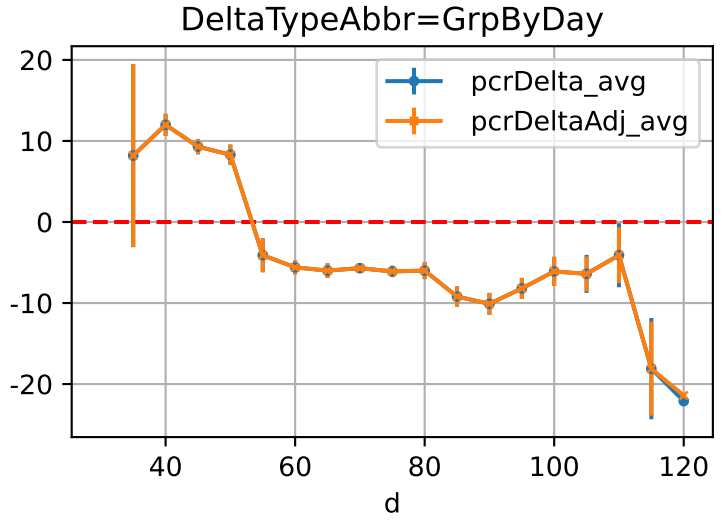




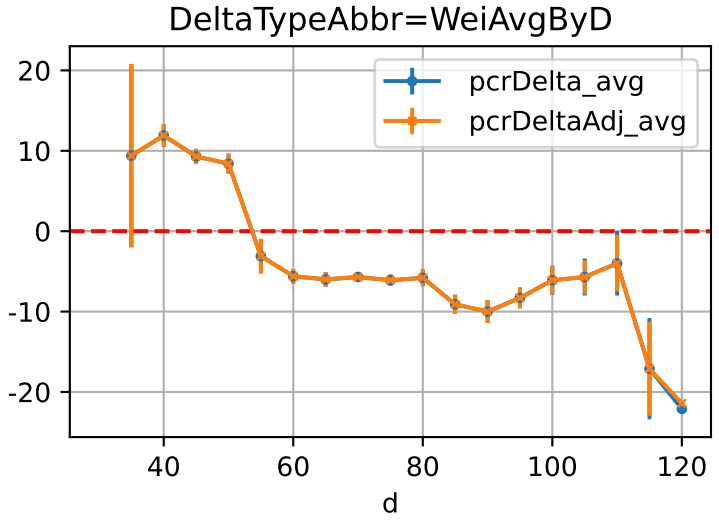

NdD: model est vs obsOv@Q50
q50
est
12
10
8
6
4
2
26
28
30
32
34
36
38
40

P10AE NdD: D_5d_NdD



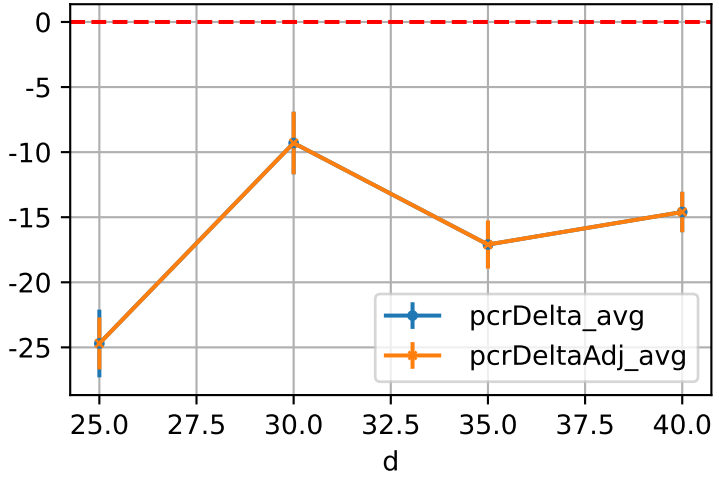


page 11

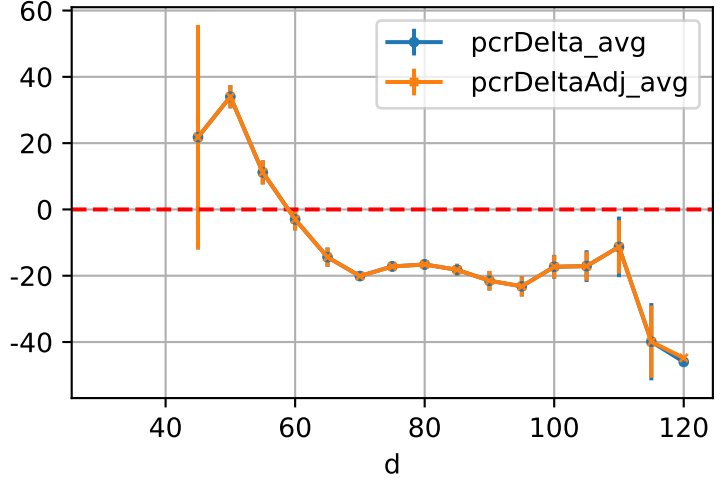


P10AE NdD: D_15d_NdD

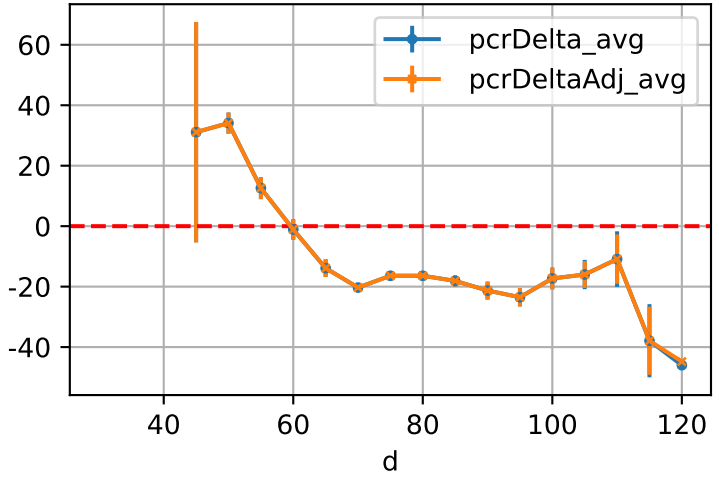
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

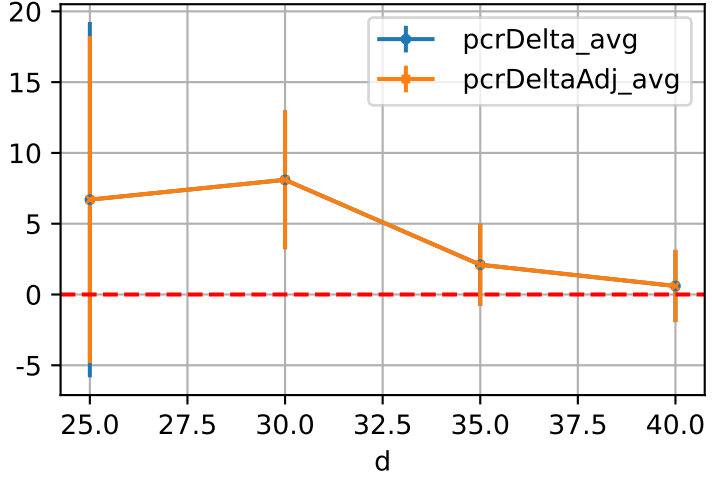


DeltaTypeAbbr=WeiAvgByD

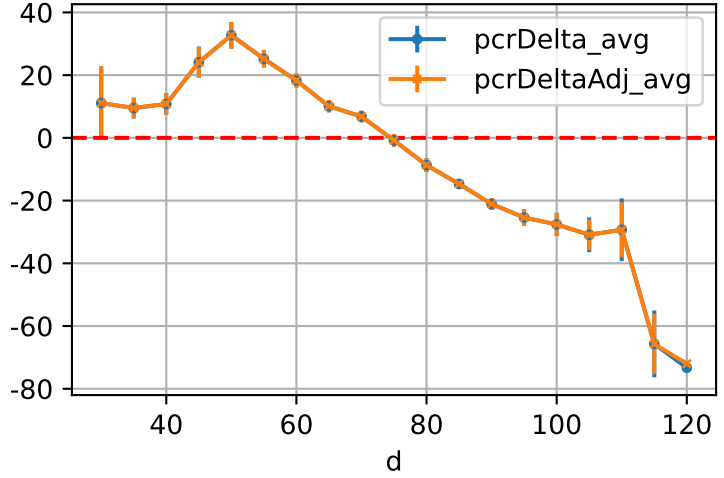


P10AE NdD: D_Q50_NdD

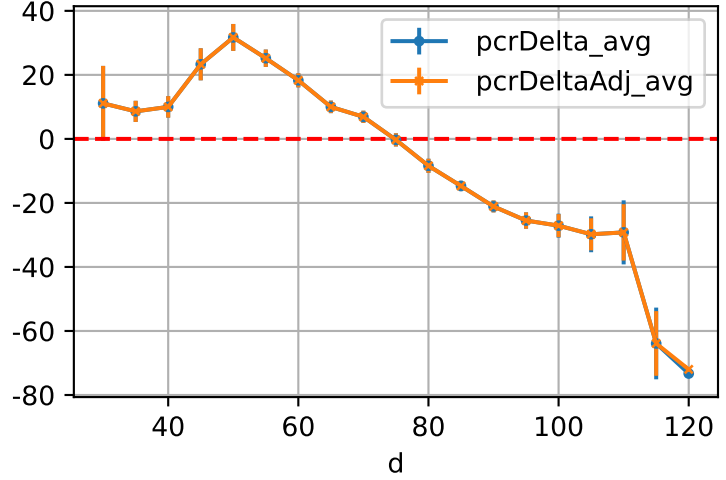
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

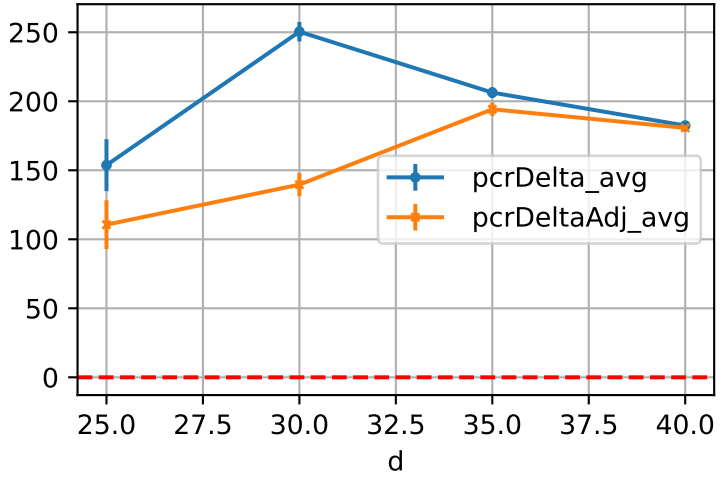


DeltaTypeAbbr=WeiAvgByD

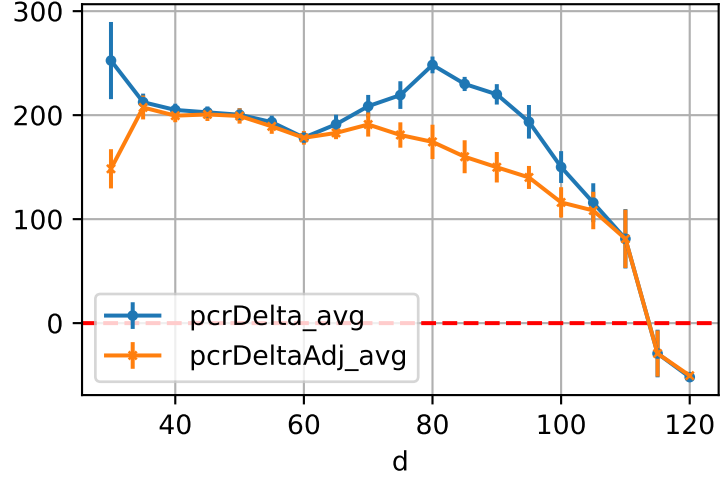


P10AE NdD: D_Est_NdD

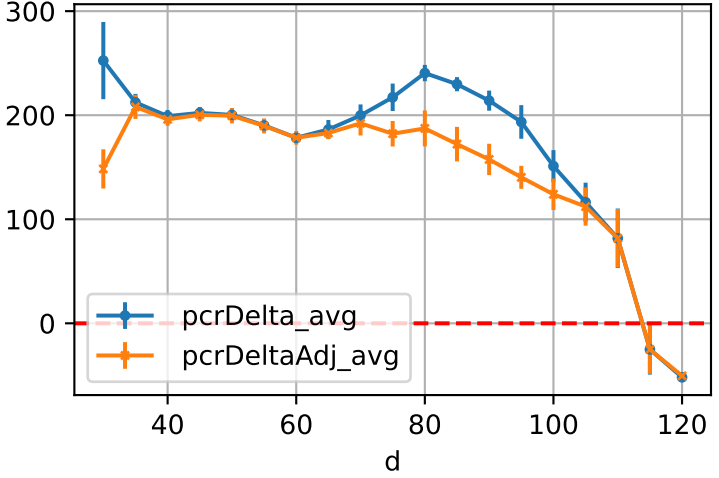
DeltaTypeAbbr=GrpByAge

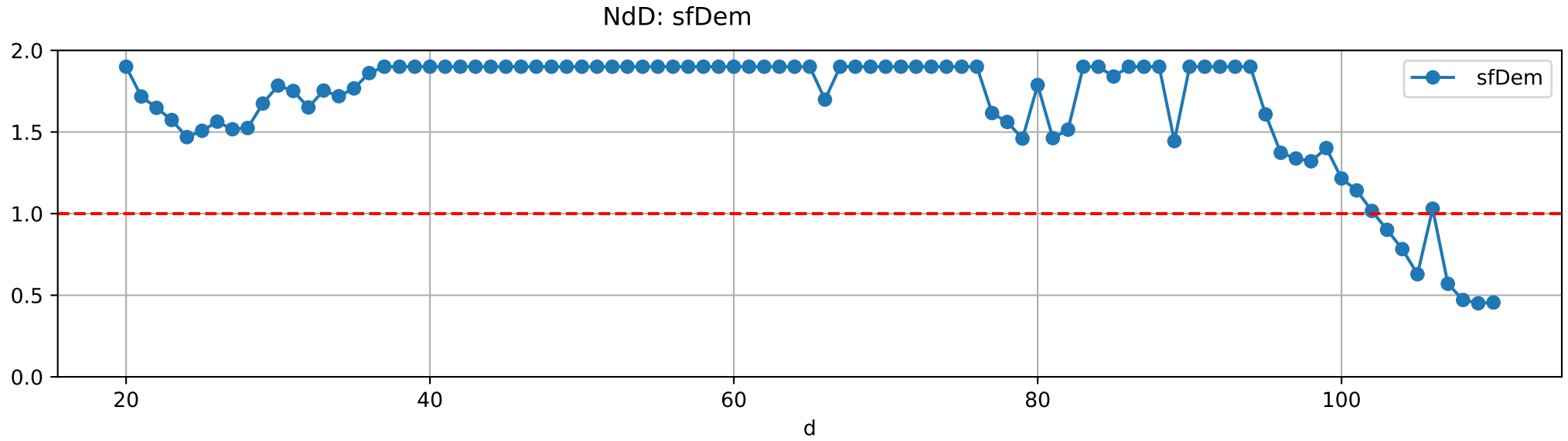


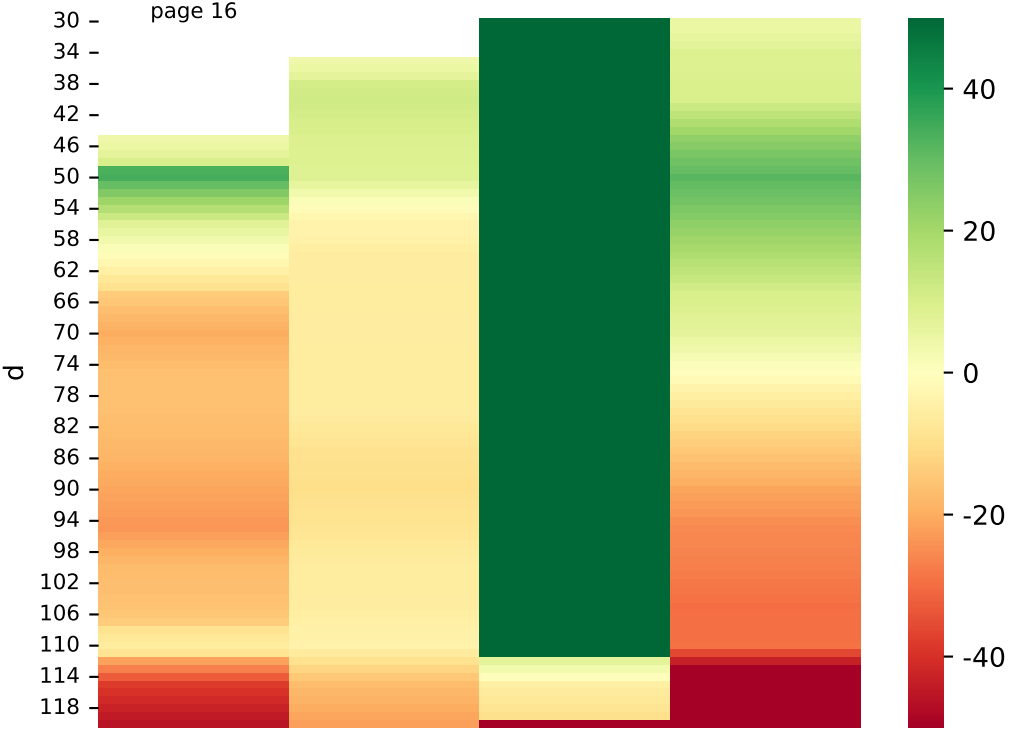
DeltaTypeAbbr=GrpByDay

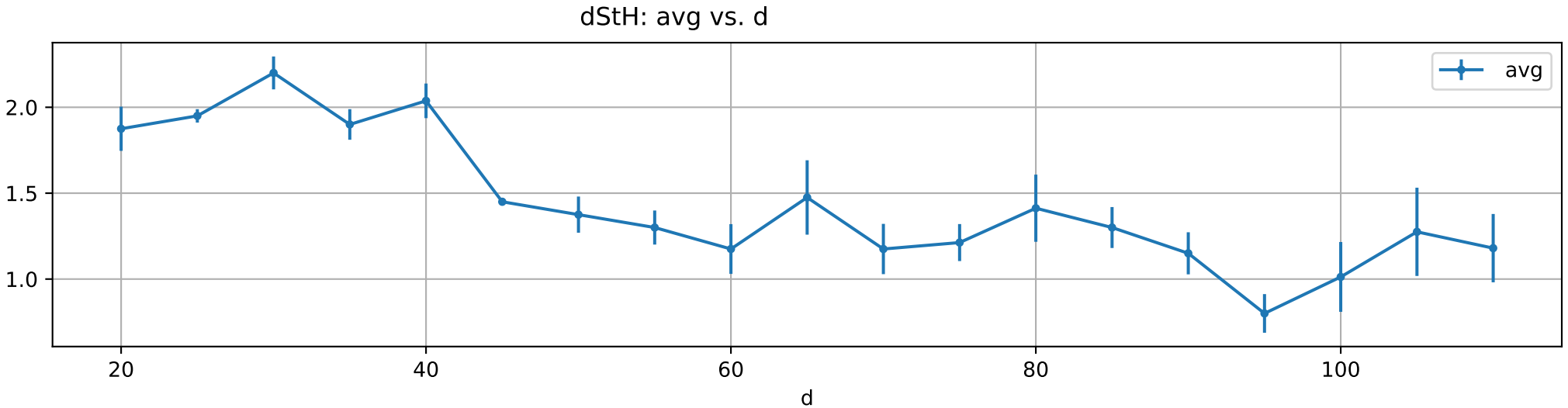


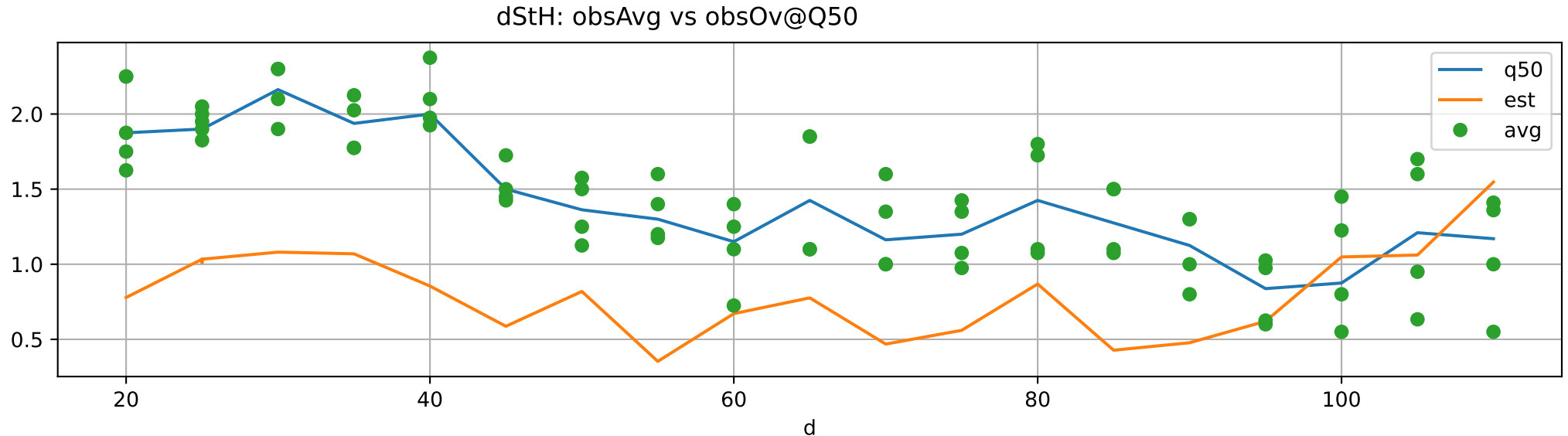
DeltaTypeAbbr=WeiAvgByD

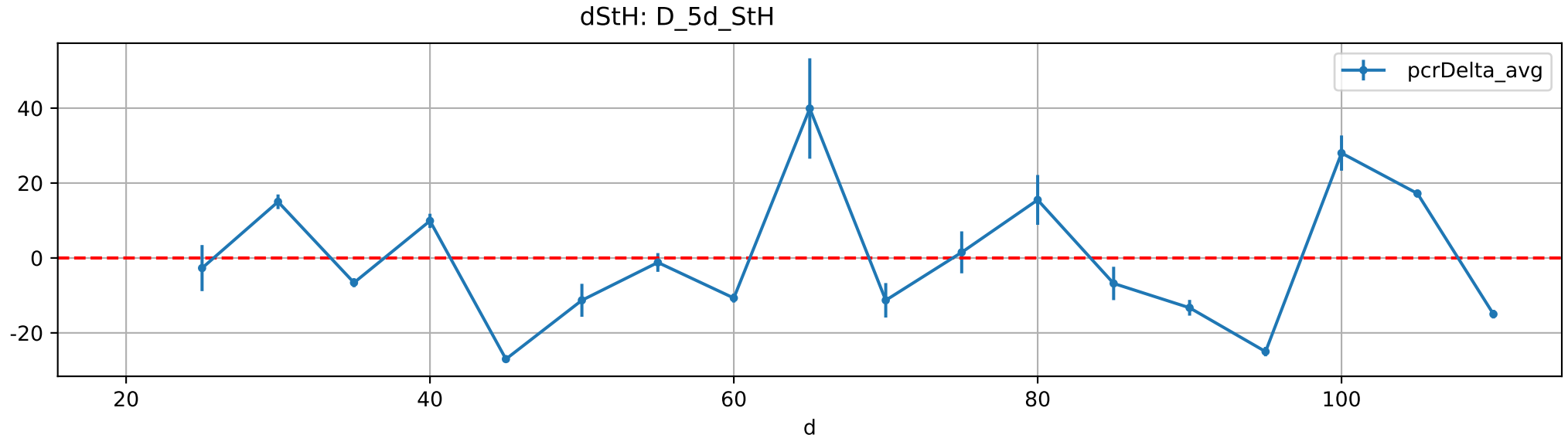


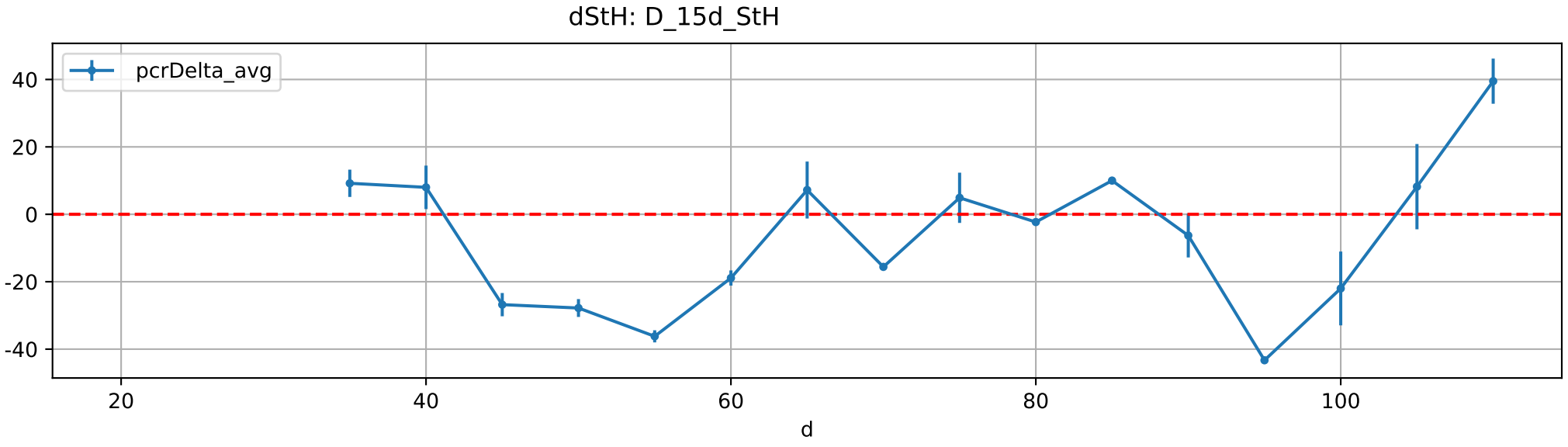

NdD: sfDem
2.0
1.5
1.0
0.5
0.0
20
40
60
80
100
d
sfDem

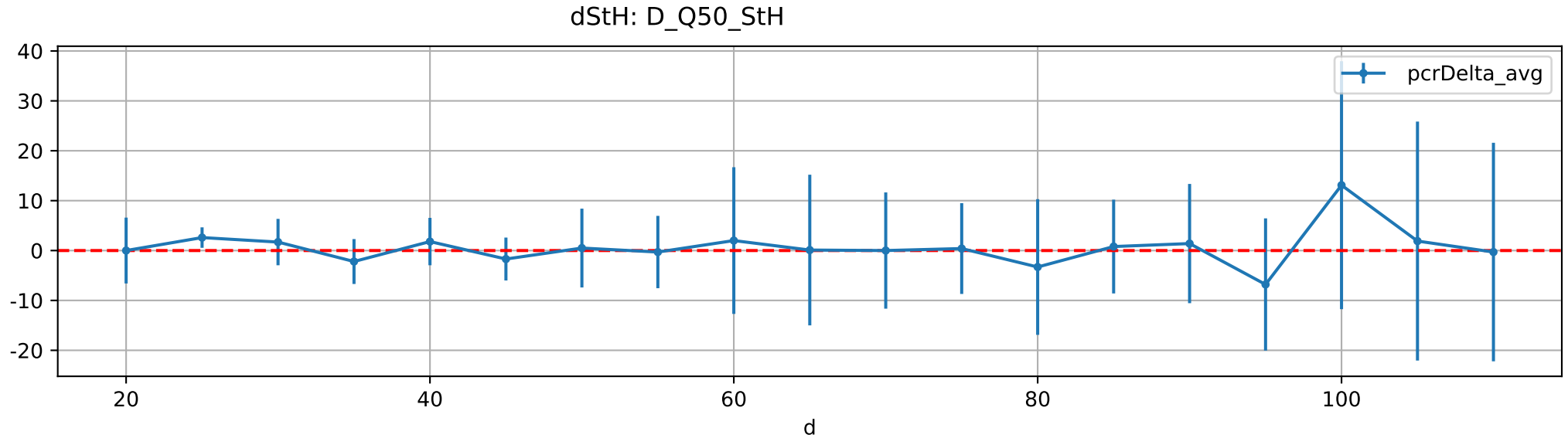

d
30
34
38
42
46
50
54
58
62
66
70
74
78
82
86
90
94
98
102
106
110
114
118
40
20
0
-20
-40

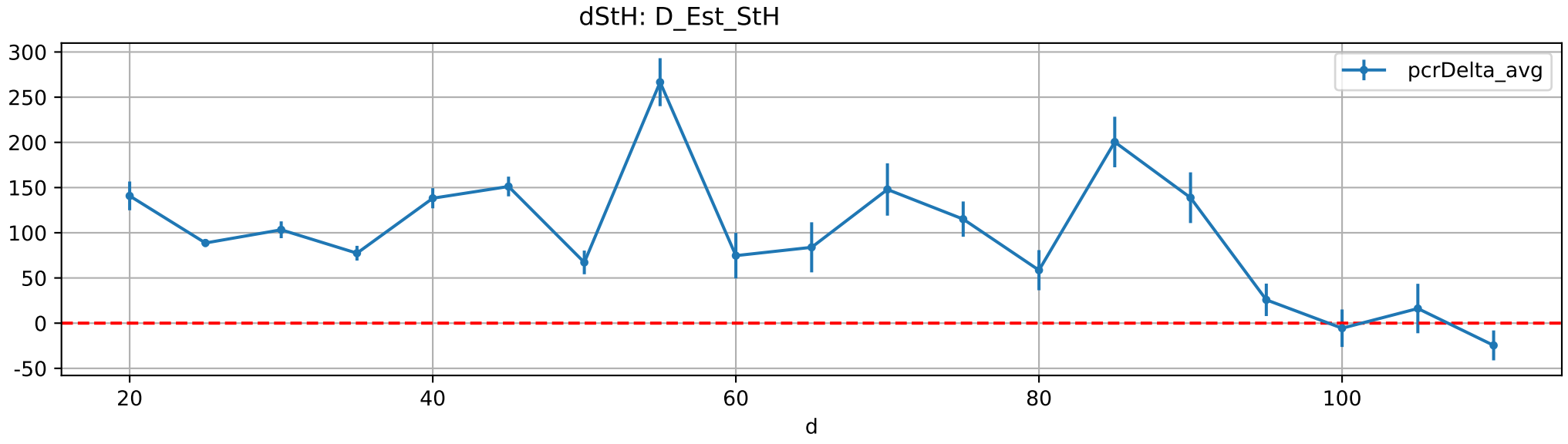

dStH: avg vs. d
avg
2.0
1.5
1.0
20
40
60
80
100
d

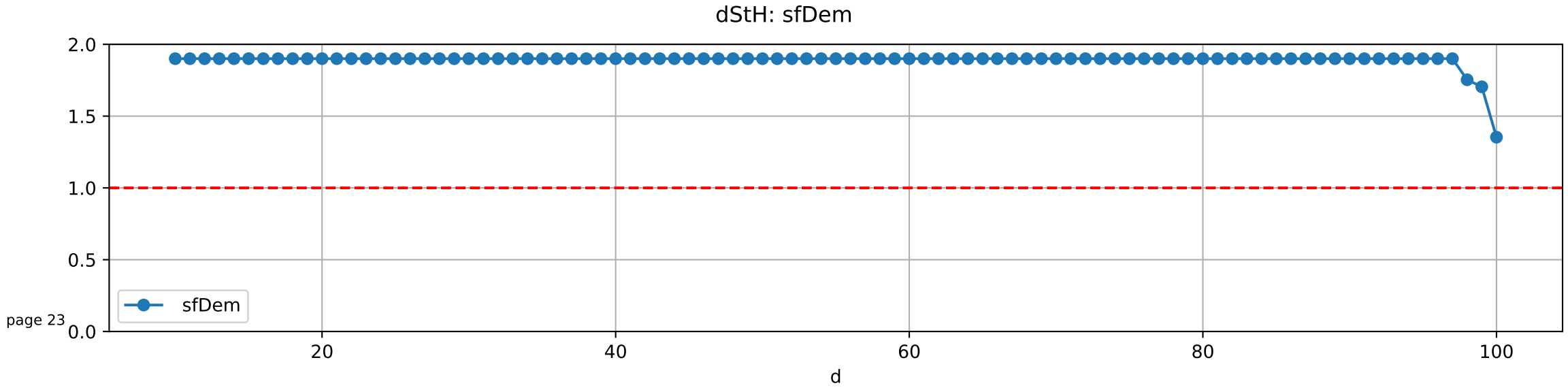

dStH: obsAvg vs obsOv@Q50
q50
est
avg
2.0
1.5
1.0
0.5
20
40
60
80
100
d

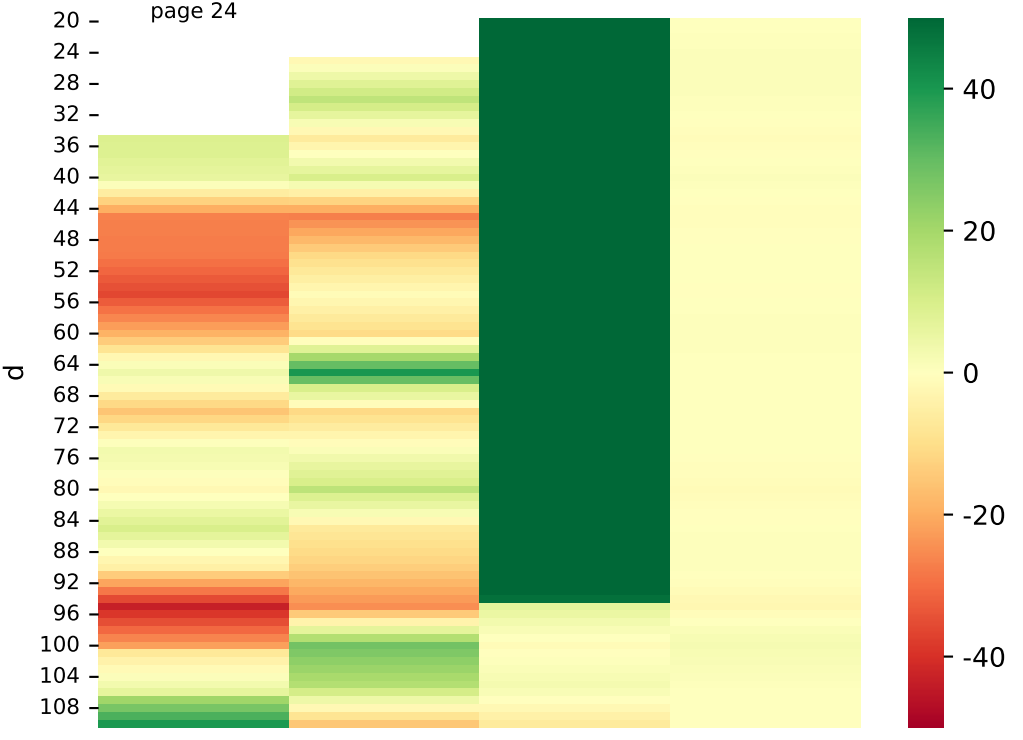

dStH: D_5d_StH
pcrDelta_avg
40
20
0
-20
20
40
60
80
100
d

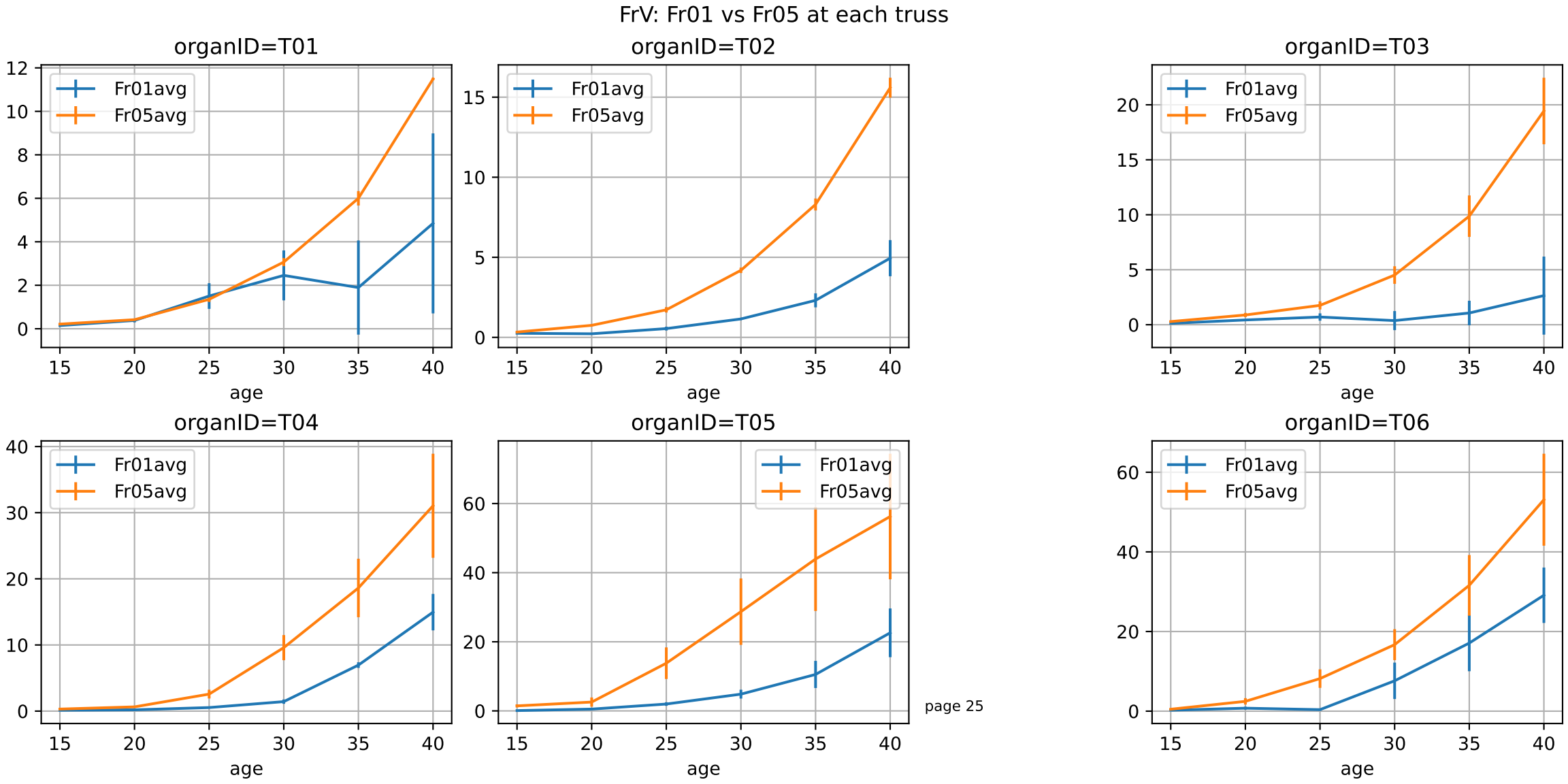

dStH: D_15d_StH
pcrDelta_avg
40
20
0
-20
-40
20
40
60
80
100
d

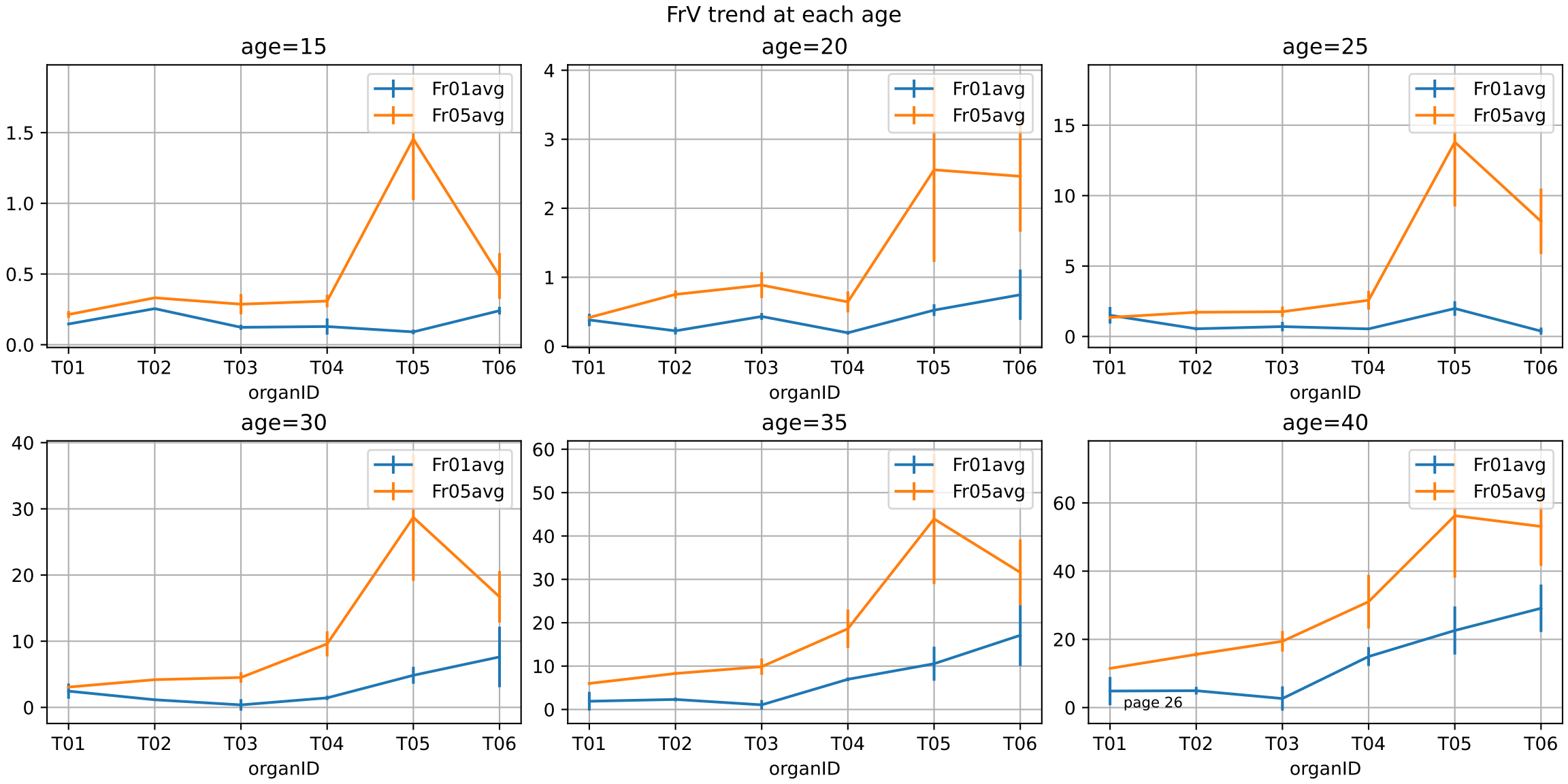

dStH: D_Q50_StH
pcrDelta_avg
40
30
20
10
0
-10
-20
20
40
60
80
100
d

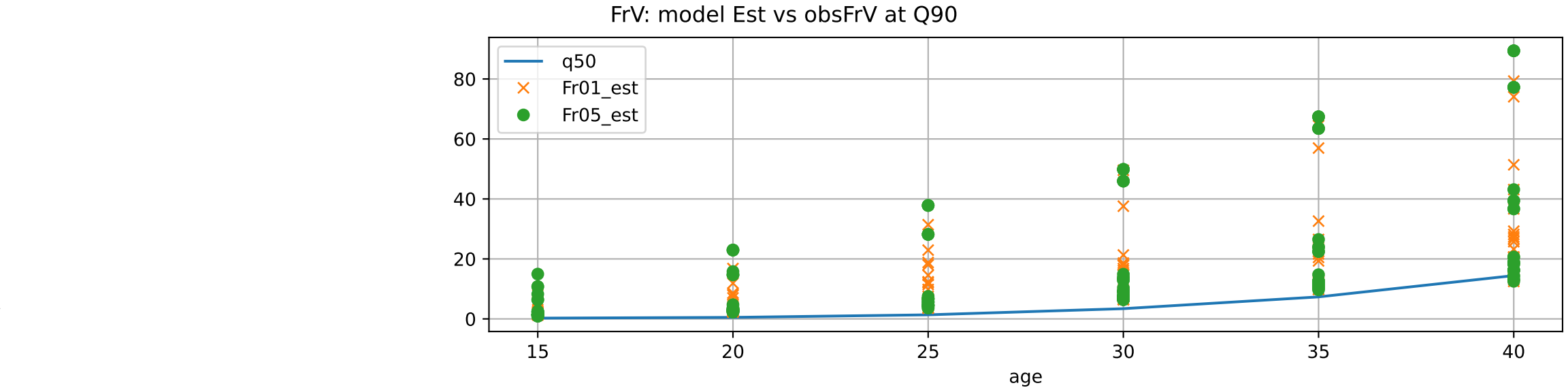

dStH: D_Est_StH
pcrDelta_avg
300
250
200
150
100
50
0
-50
20
40
60
80
100
d

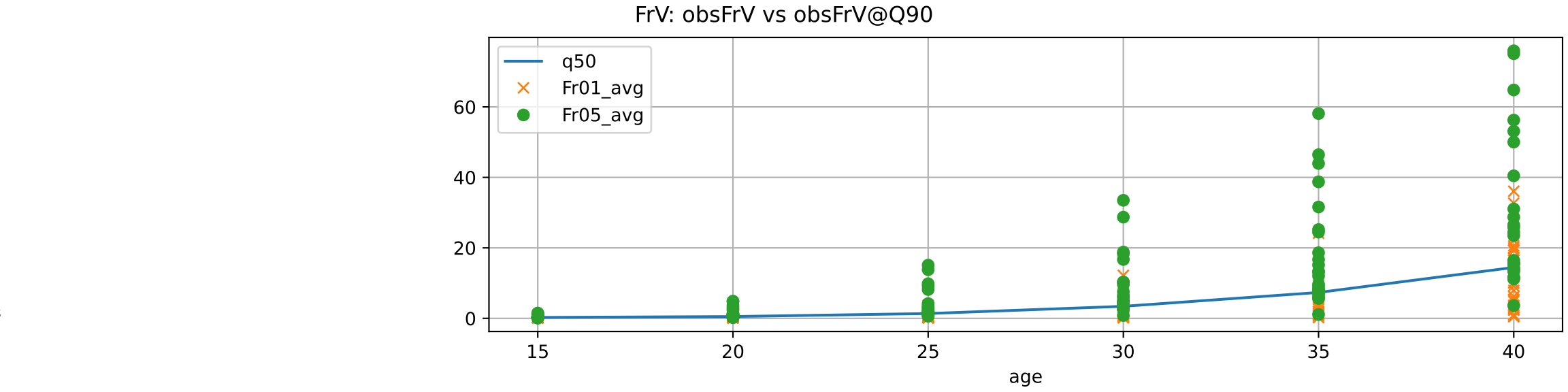

dStH: sfDem
2.0
1.5
1.0
0.5
0.0
sfDem
20
40
60
80
100
d

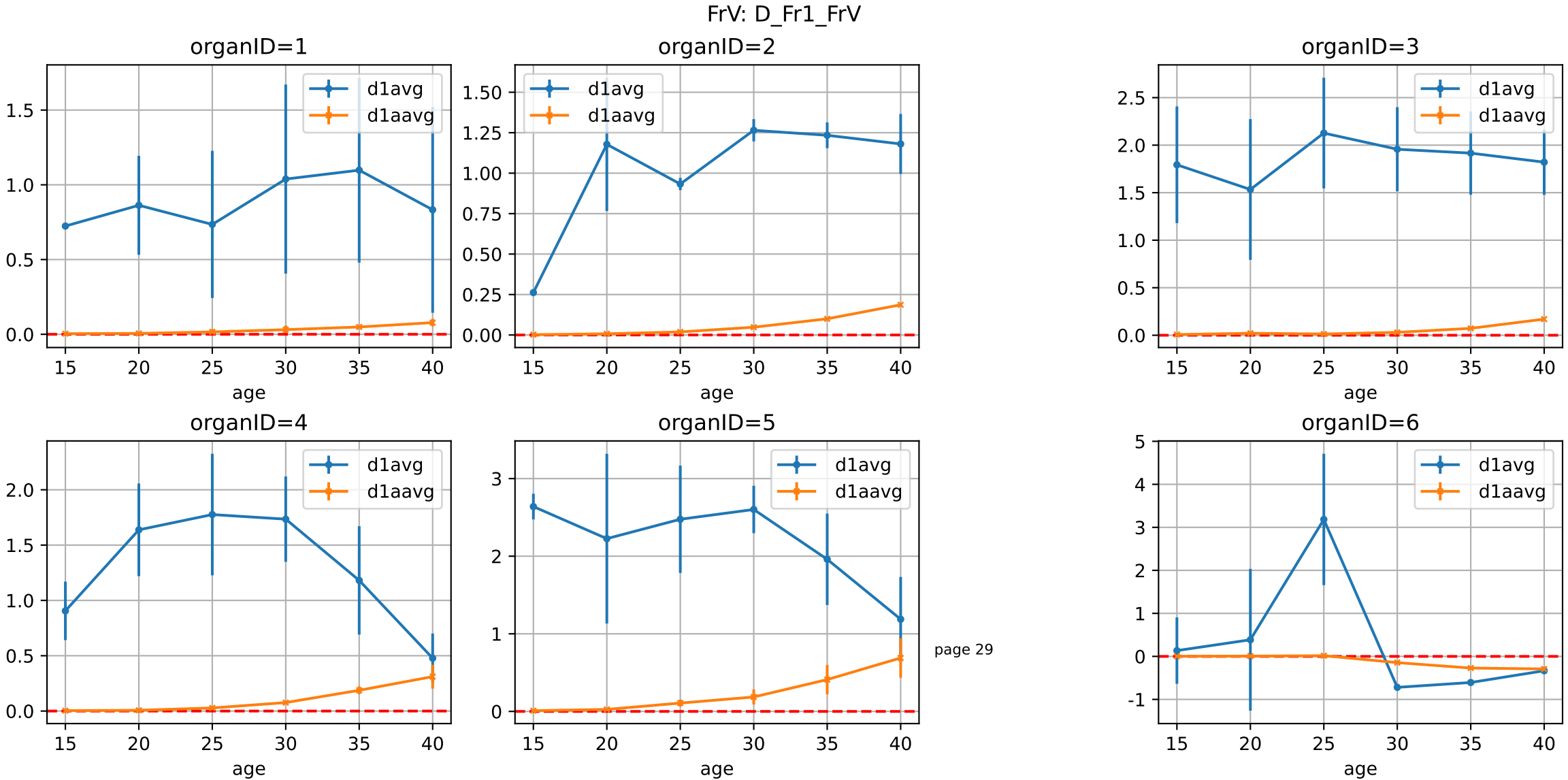

page 24
d
20
24
28
32
36
40
44
48
52
56
60
64
68
72
76
80
84
88
92
96
100
104
108
40
20
0
-20
-40

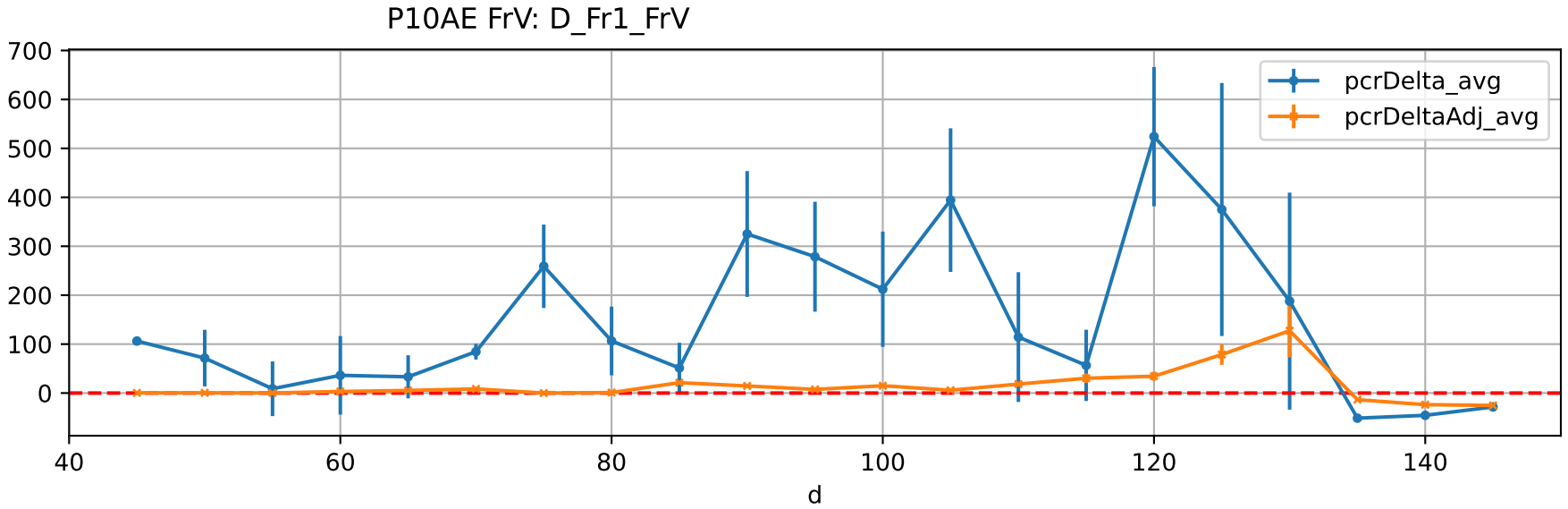

FrV: Fr01 vs Fr05 at each truss
organID=T01
organID=T02
organID=T03
organID=T04
organID=T05
organID=T06
Fr01avg
Fr05avg
age

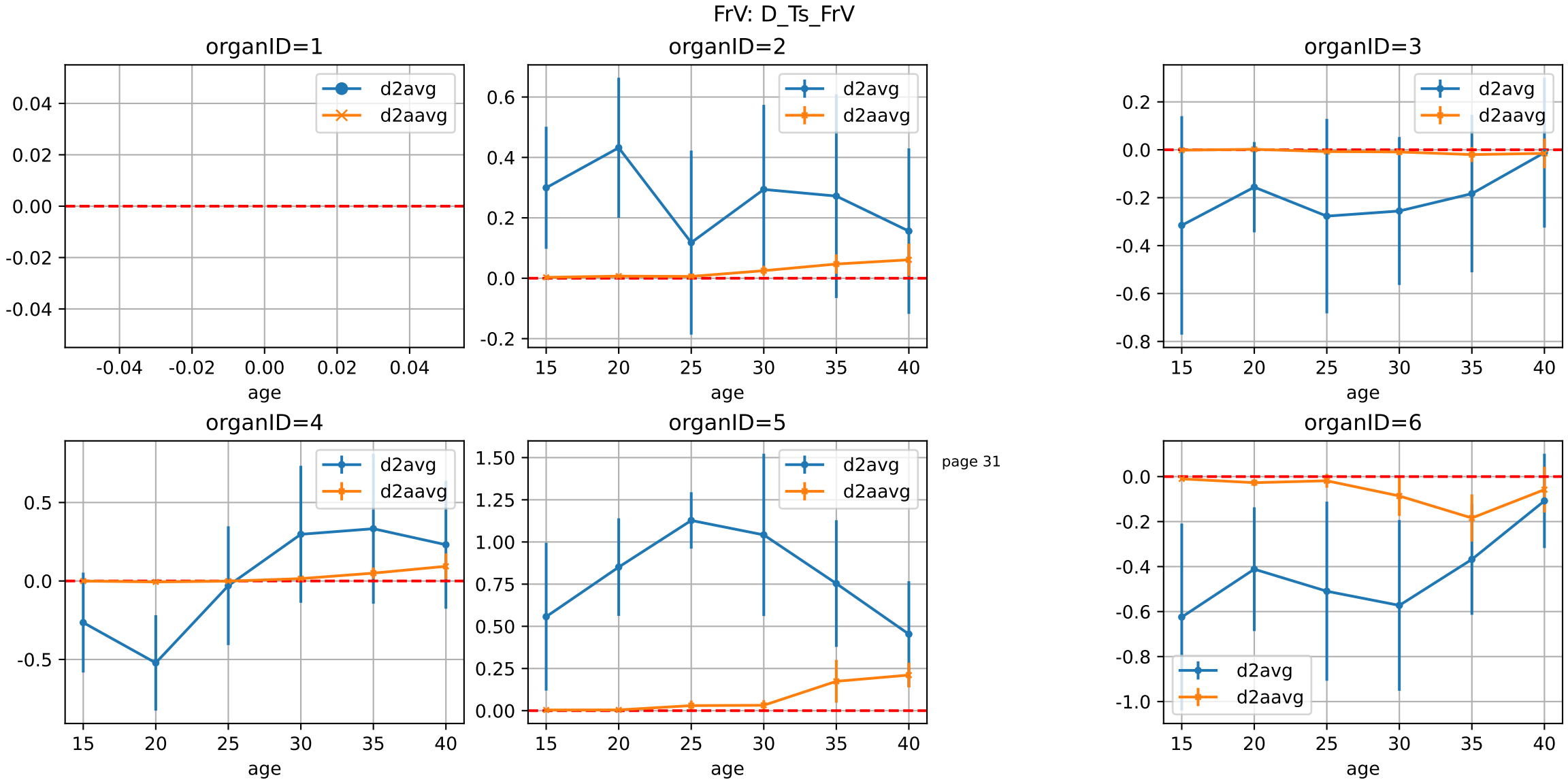

FrV trend at each age
age=15
age=20
age=25
age=30
age=35
age=40
Fr01avg
Fr05avg
organID
T01
T02
T03
T04
T05
T06
page 26

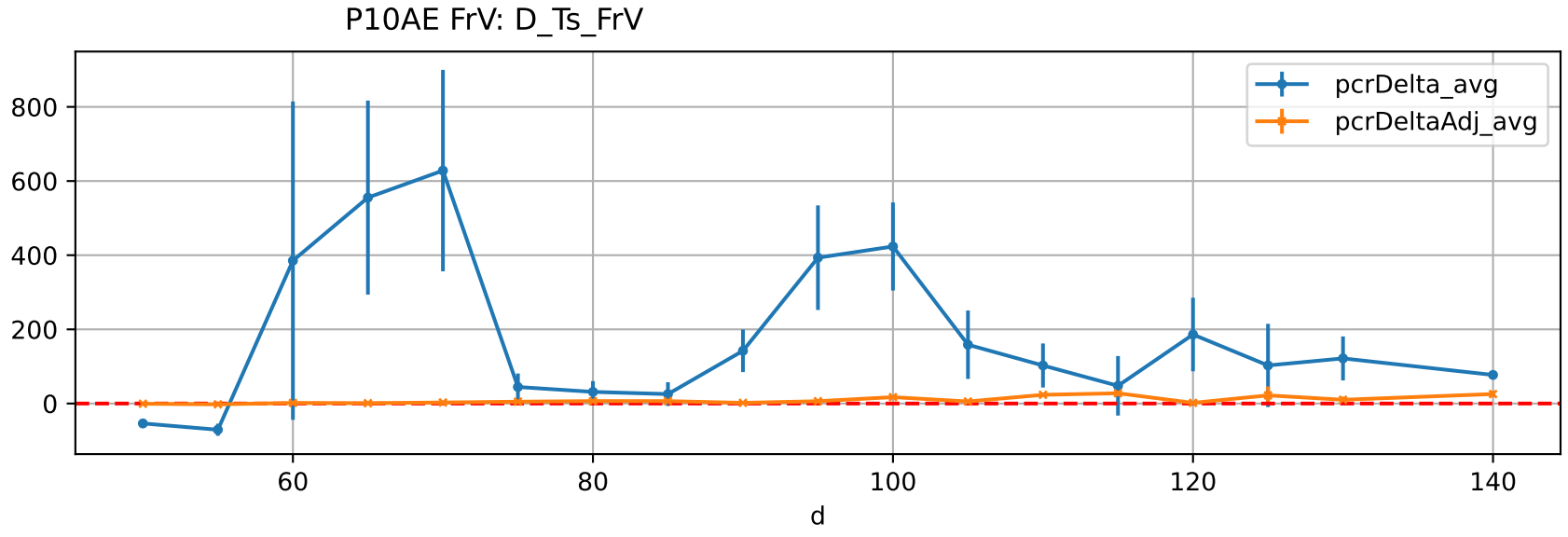

FrV: model Est vs obsFrV at Q90
q50
Fr01_est
Fr05_est
0
20
40
60
80
15
20
25
30
35
40
age

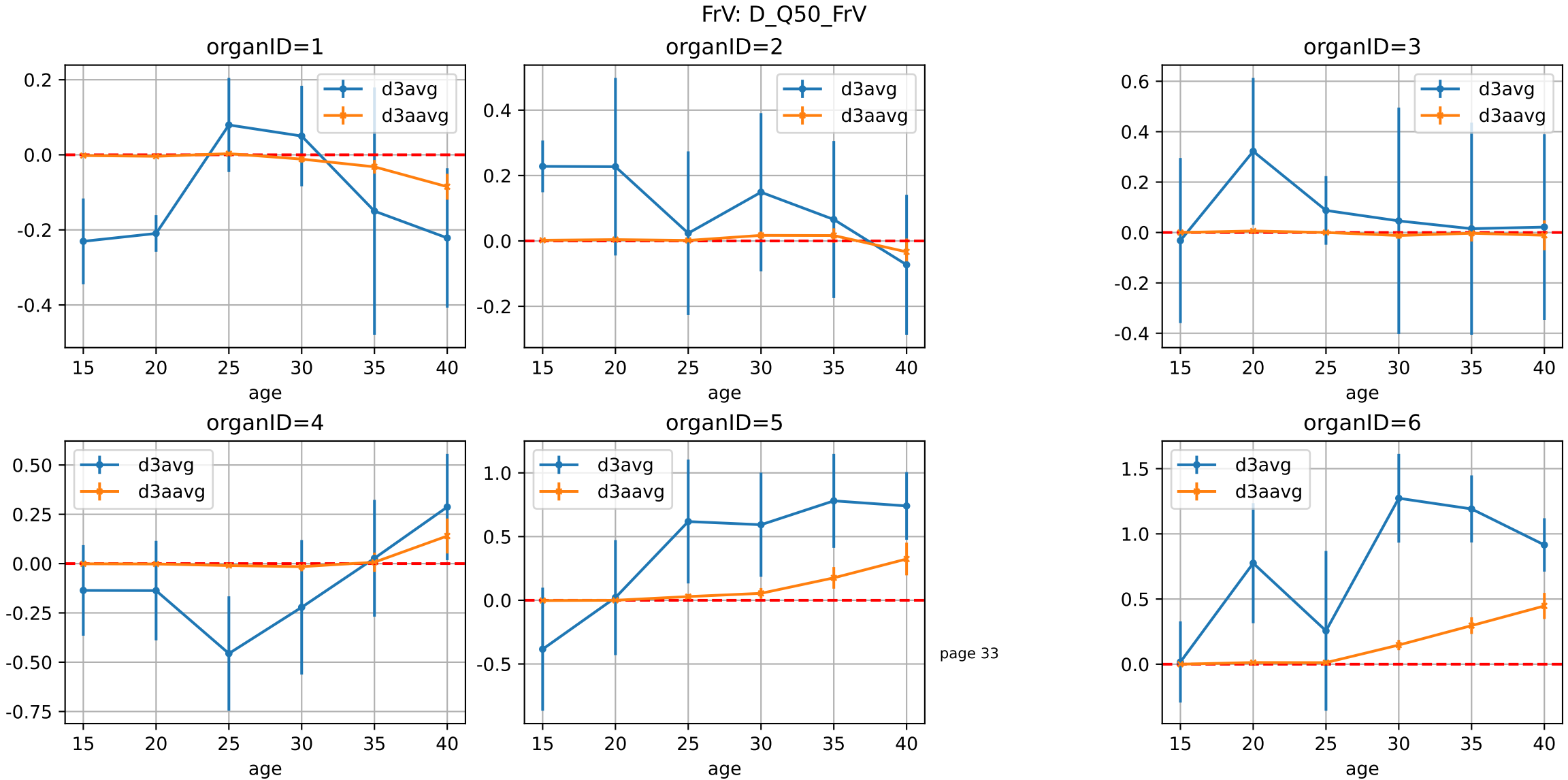

FrV: obsFrV vs obsFrV@Q90
q50
Fr01_avg
Fr05_avg
60
40
20
0
15
20
25
30
35
40
age

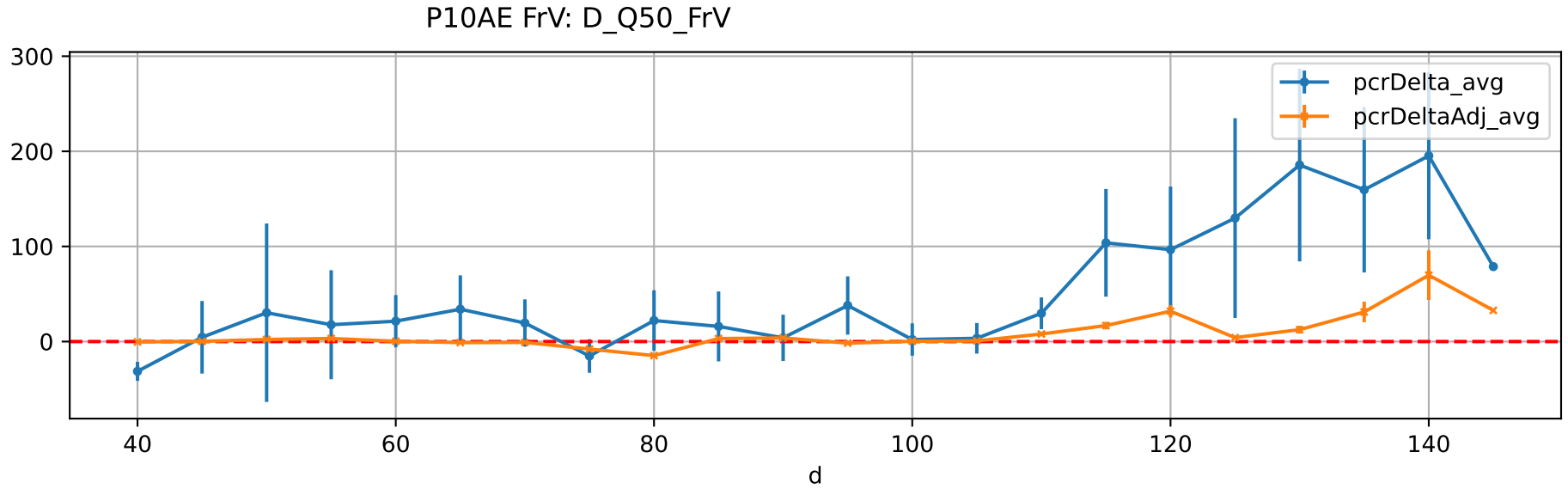

FrV: D_Fr1_FrV
organID=1
organID=2
organID=3
organID=4
organID=5
organID=6
d1avg
d1aavg
age

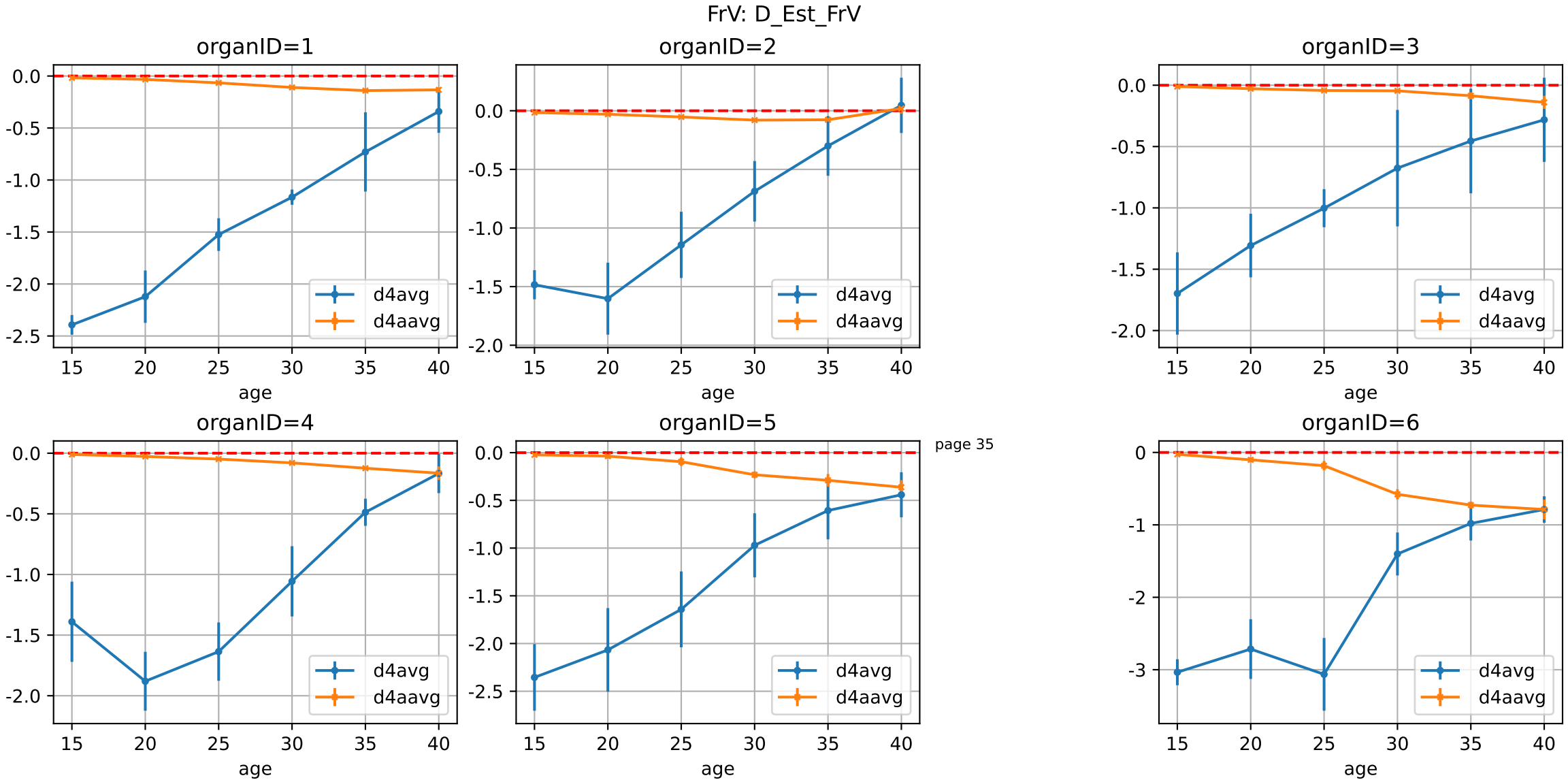

P10AE FrV: D_Fr1_FrV
700
600
500
400
300
200
100
0
40
60
80
100
120
140
d
pcrDelta_avg
pcrDeltaAdj_avg


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

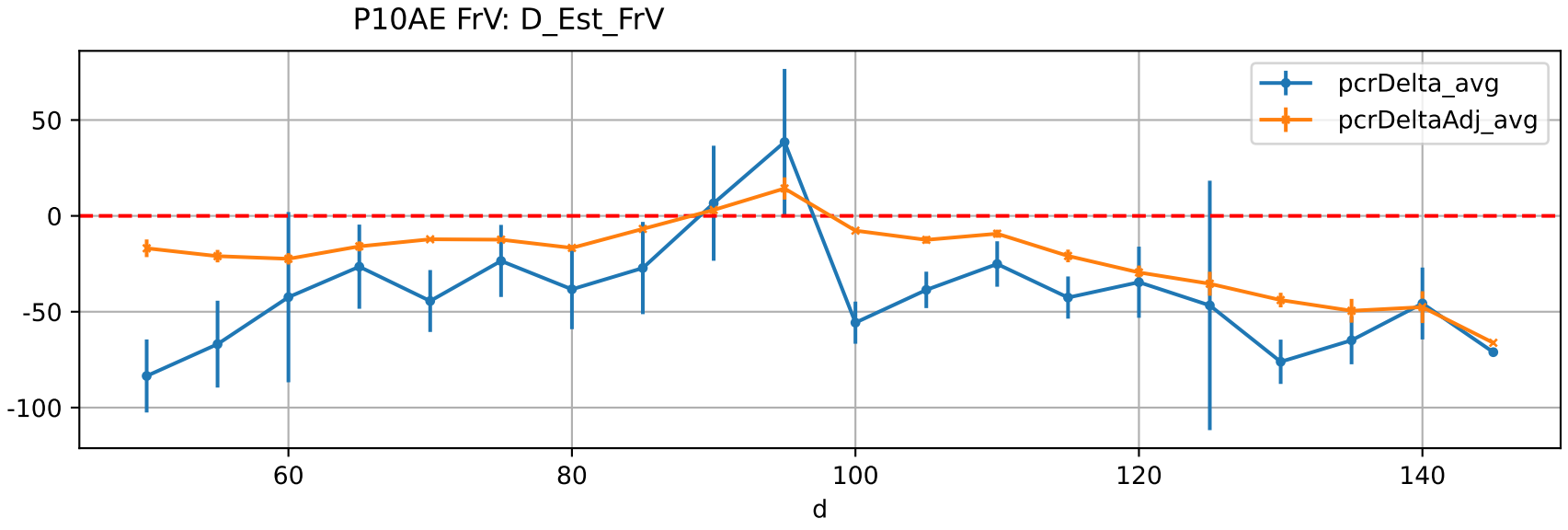

P10AE FrV: D_Ts_FrV
pcrDelta_avg
pcrDeltaAdj_avg
800
600
400
200
0
60
80
100
120
140
d

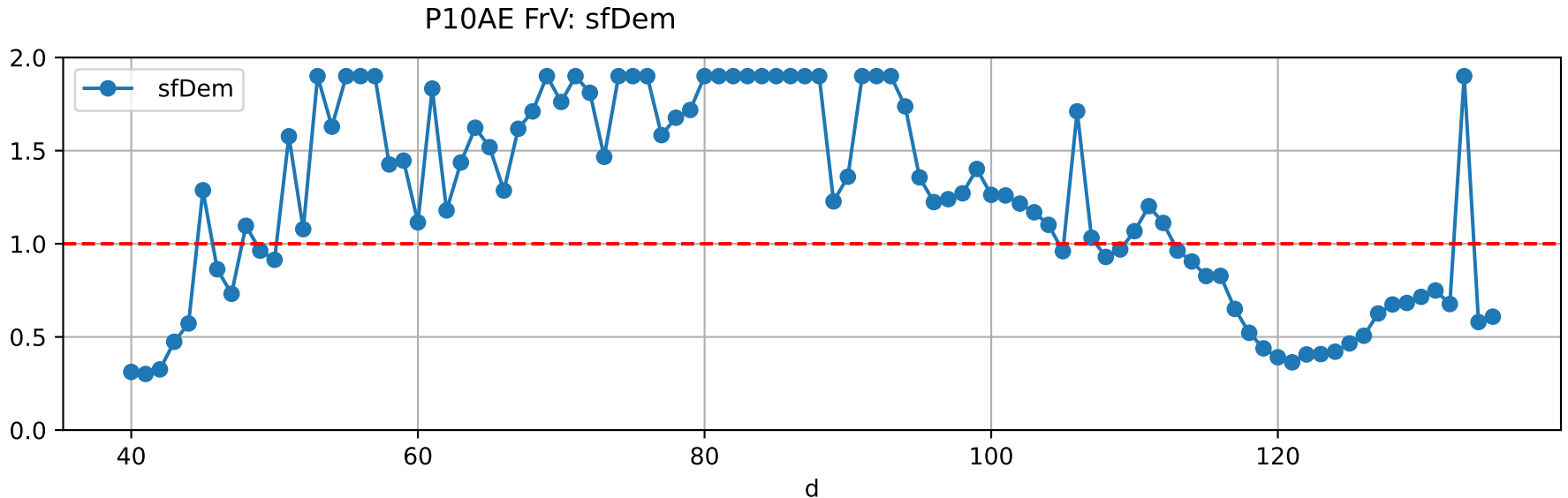

FrV: D_Q50_FrV
organID=1
organID=2
organID=3
organID=4
organID=5
organID=6
d3avg
d3aavg
age

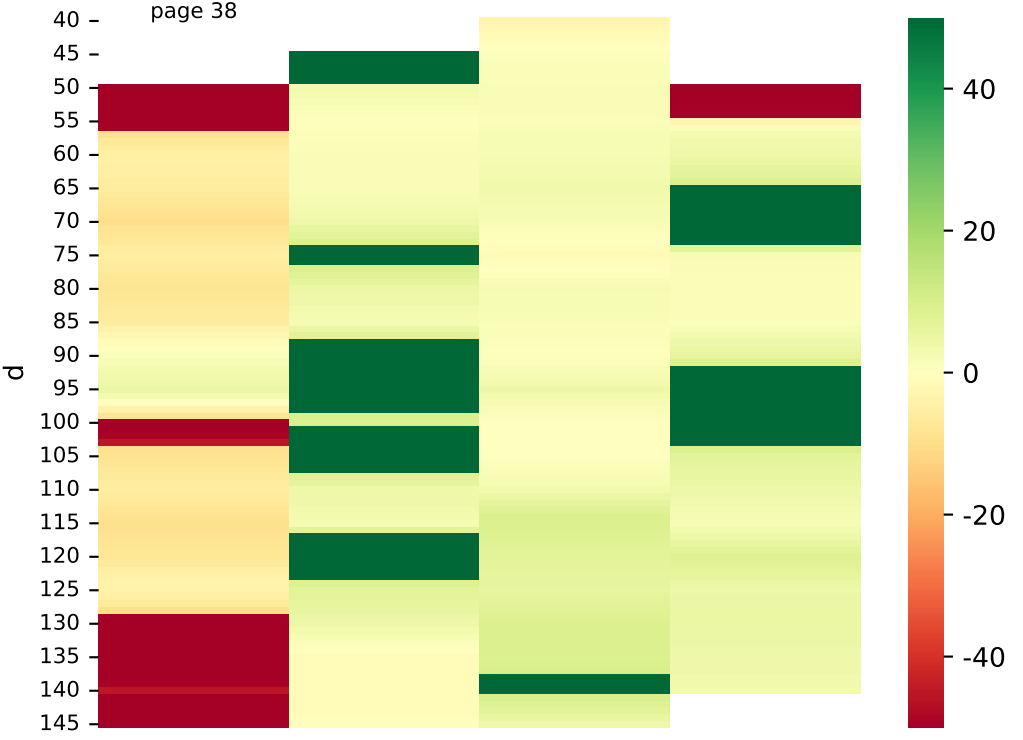

P10AE FrV: D_Q50_FrV
300
200
100
0
40
60
80
100
120
140
d
pcrDelta_avg
pcrDeltaAdj_avg

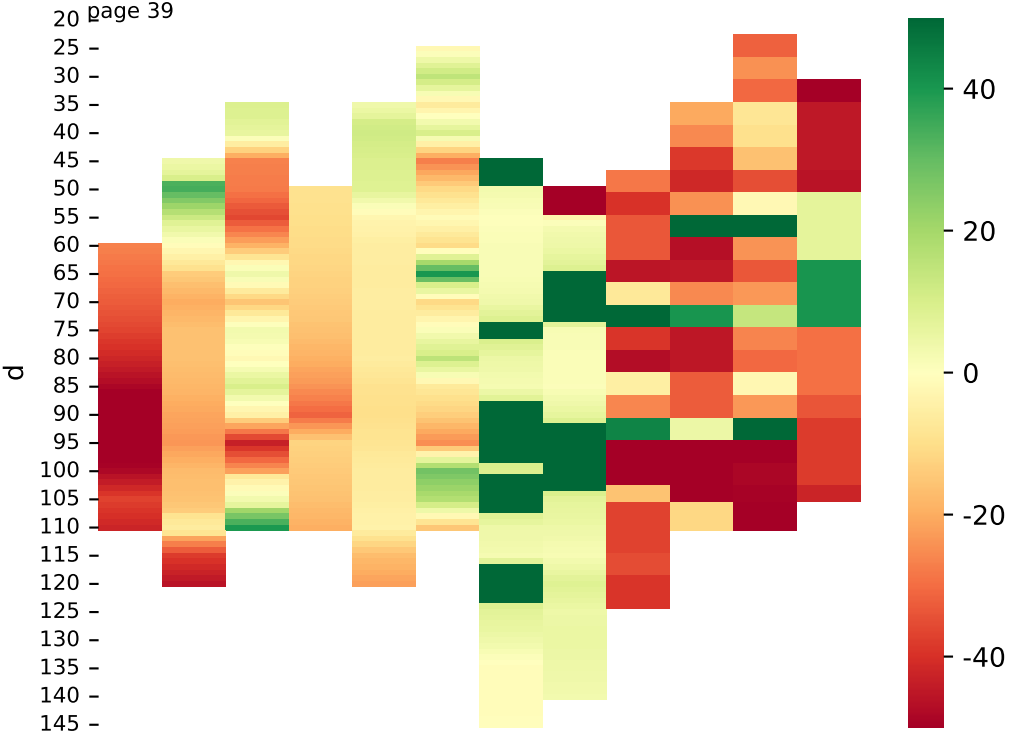

FrV: D_Est_FrV
organID=1
organID=2
organID=3
organID=4
organID=5
organID=6
d4avg
d4aavg
age

e 36


P10AE FrV: D_Est_FrV
pcrDelta_avg
pcrDeltaAdj_avg
50
0
-50
-100
60
80
100
120
140
d


P10AE FrV: sfDem
sfDem
2.0
1.5
1.0
0.5
0.0
40
60
80
100
120
d


page 38
d
40
45
50
55
60
65
70
75
80
85
90
95
100
105
110
115
120
125
130
135
140
145
40
20
0
-20
-40


d
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
105
110
115
120
125
130
135
140
145
40
20
0
-20
-40