

Phenotype Data Analysis Plots  
PhenoData day range = 18 - 110  
Analysis cutoff day = 110  
NC11 P10  
2026-02-06 (Day 111)

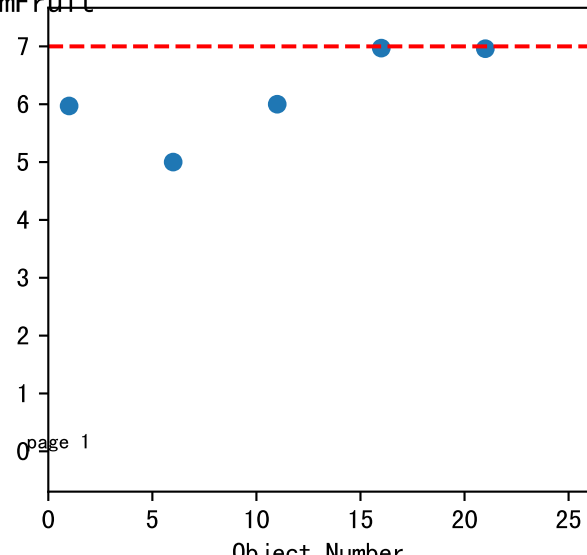
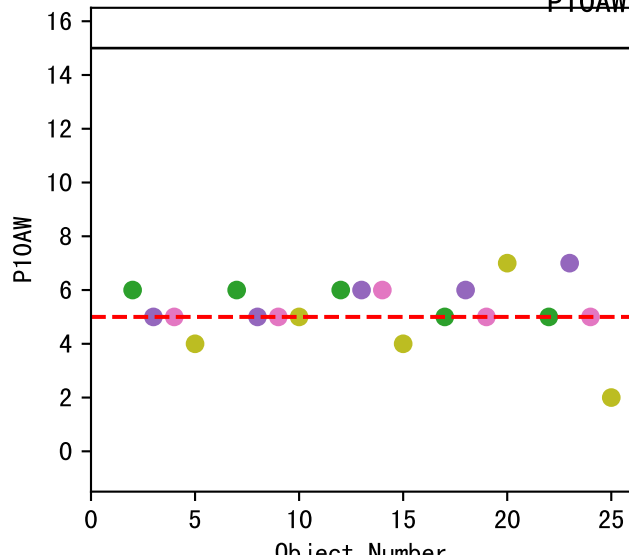
avg1=0.00% avg2=na  
P10AW Truss



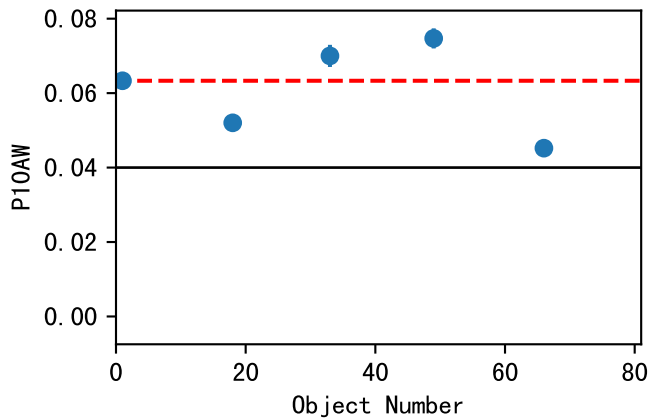
avg1=5.0 17% avg2=na

P10AW TrimFruit

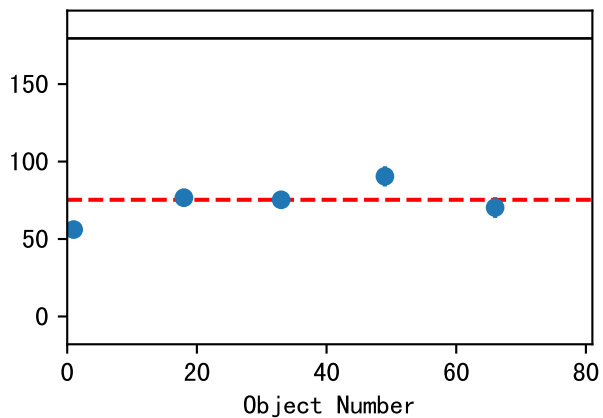
avg1=7.0 12% avg2=na



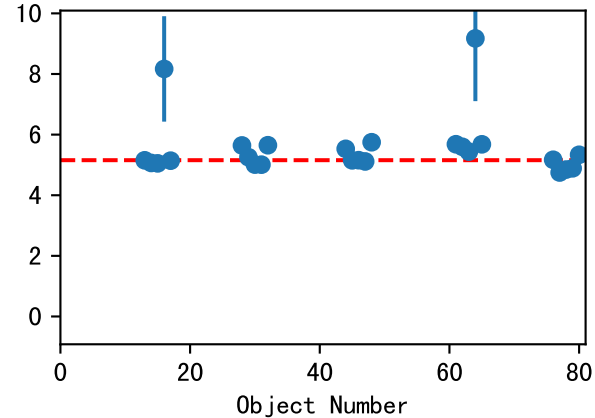
LTA\_Q90AbsY (Def=0.04 Set=0.06)  
avg1=0.06~19% avg2=na



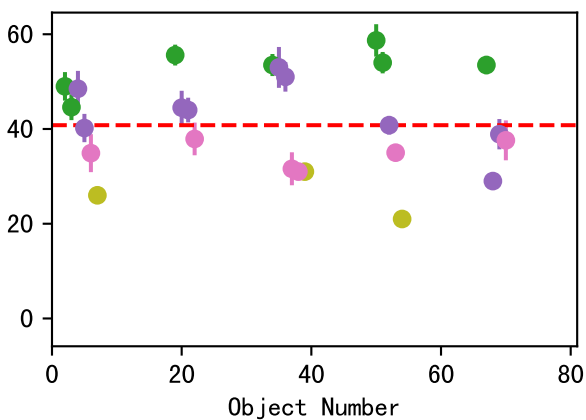
FRV\_Q90AbsY (Def=179.5 Set=179.5)  
avg1=179.5~4% avg2=na



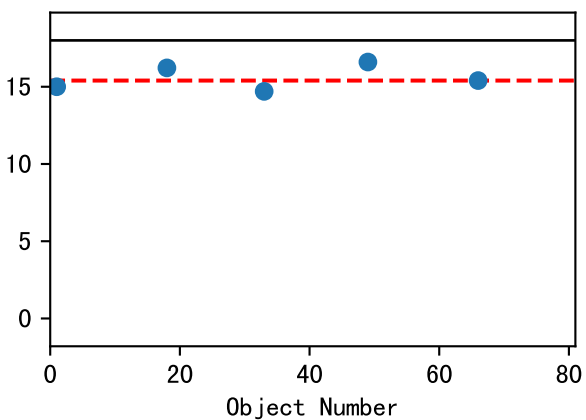
NdL\_avgAbsY (Def=na Set=5.16)  
avg1=5.16~6% avg2=na



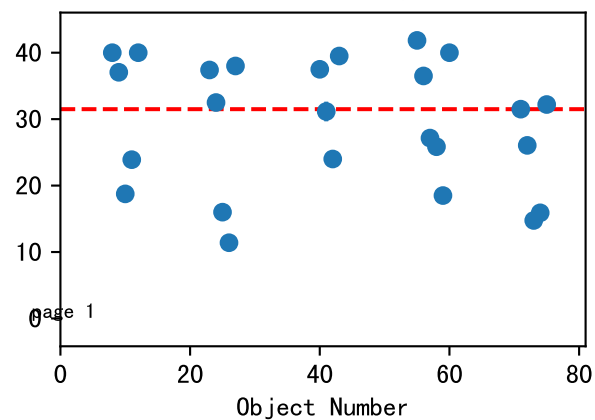
FrD\_avgAbsY (Def=na Set=40.8)  
avg1=40.8~25% avg2=na



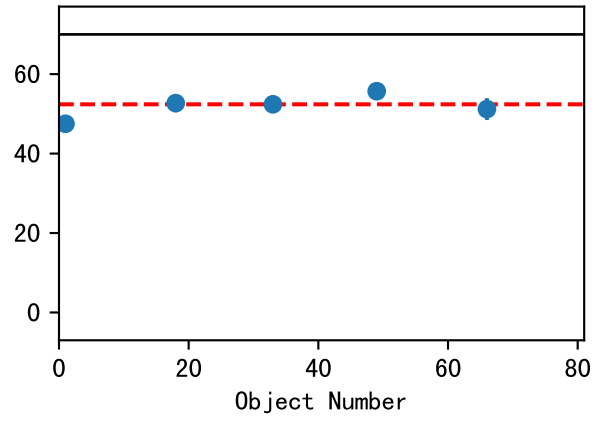
NdD\_Q90AbsY (Def=18 Set=15.4)  
avg1=15.4~5% avg2=na



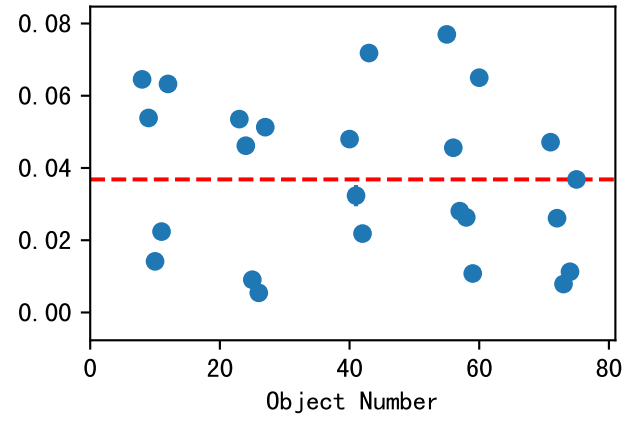
LfL\_avgAbsY (Def=na Set=31.5)  
avg1=31.5~30% avg2=na



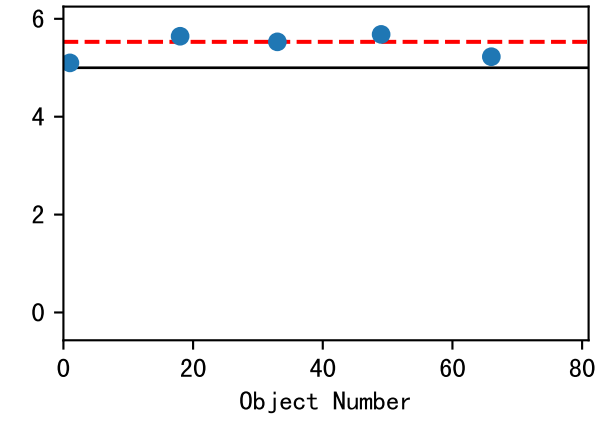
FRD\_Q90AbsY (Def=70 Set=52.4)  
avg1=52.4~2% avg2=na



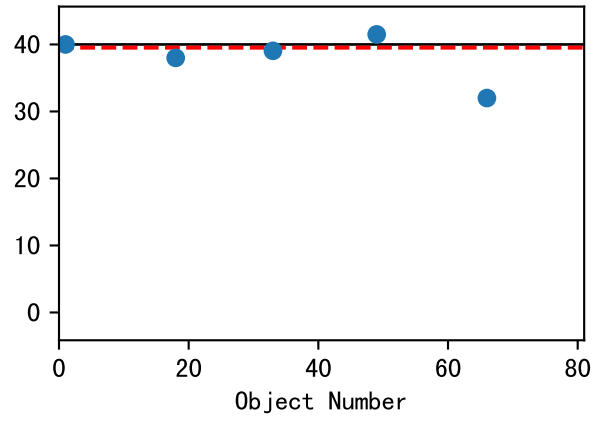
LTA\_avgAbsY (Def=na Set=0.04)  
avg1=0.04~50% avg2=na



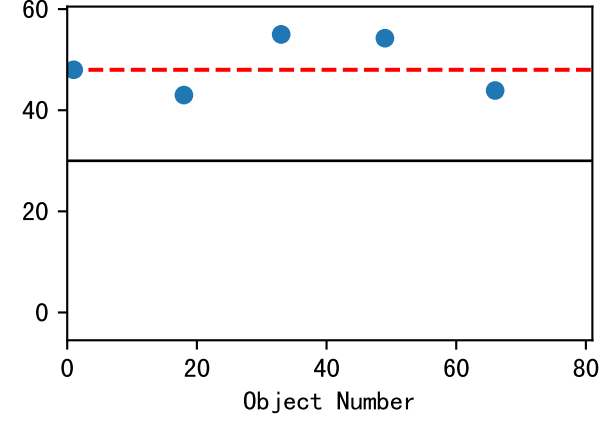
NdL\_Q90AbsY (Def=5 Set=3.53)  
avg1=5.53~5% avg2=na



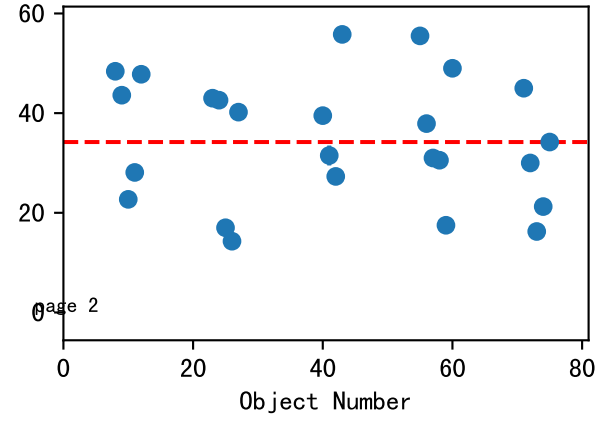
LfL\_Q90AbsY (Def=40 Set=39.52)  
avg1=39.52~4% avg2=na



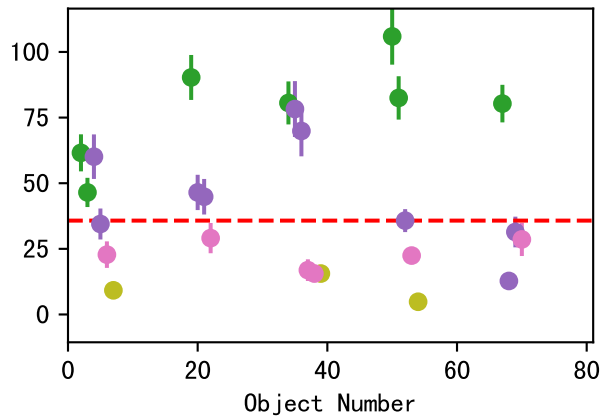
LfW\_Q90AbsY (Def=30 Set=48.0)  
avg1=48.0~12% avg2=na



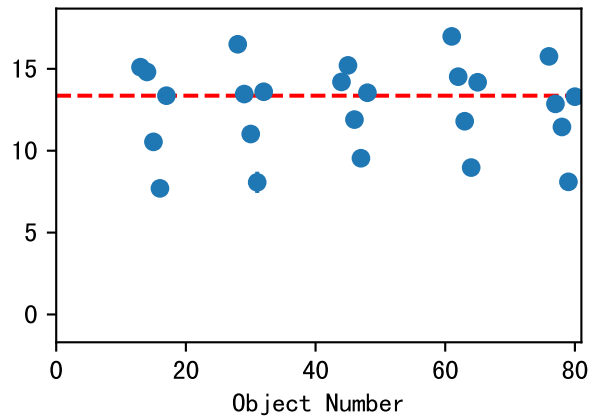
LfW\_avgAbsY (Def=na Set=34.2)  
avg1=34.2~36% avg2=na



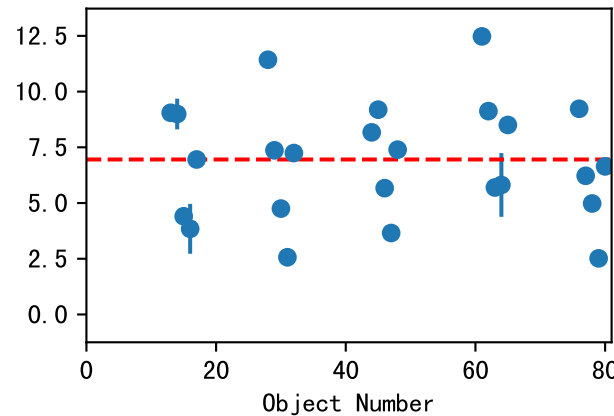
FRV\_avgAbsY (Def=na Set=35.76)  
avg1=35.76~81% avg2=na



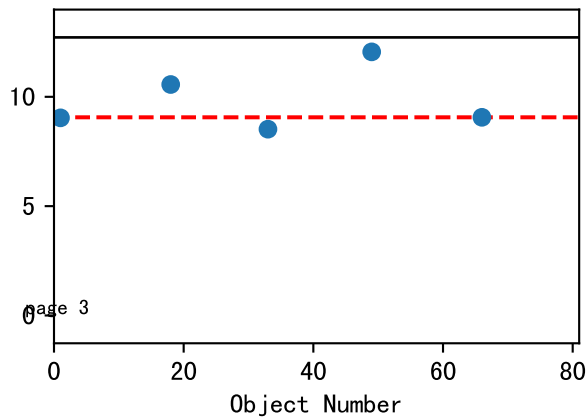
NdD\_avgAbsY (Def=na Set=13.30)  
avg1=13.30~20% avg2=na



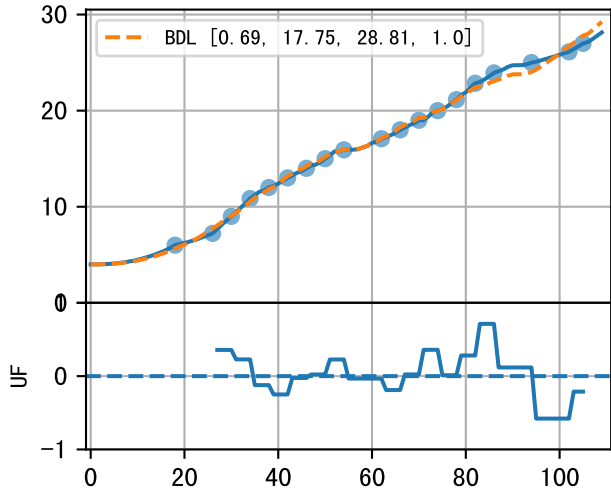
NdV\_avgAbsY (Def=na Set=6.95)  
avg1=6.95~37% avg2=na



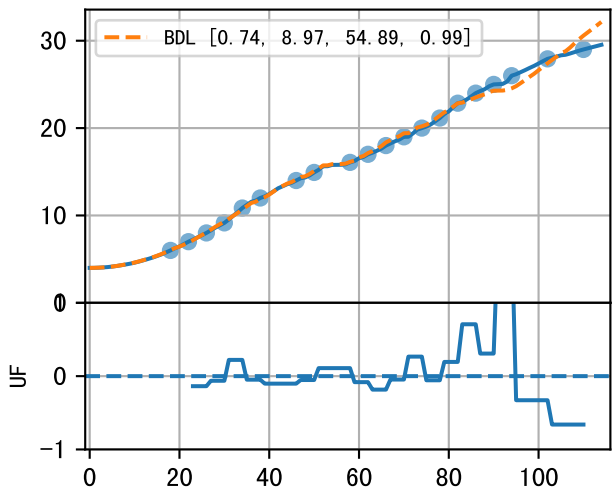
NdV\_Q90AbsY (Def=12.72 Set=9.06)  
avg1=9.06~16% avg2=na



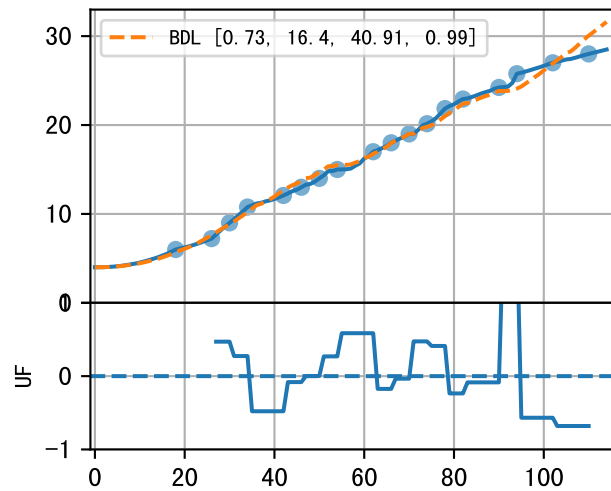
P10AW-004-12 (fit failed)



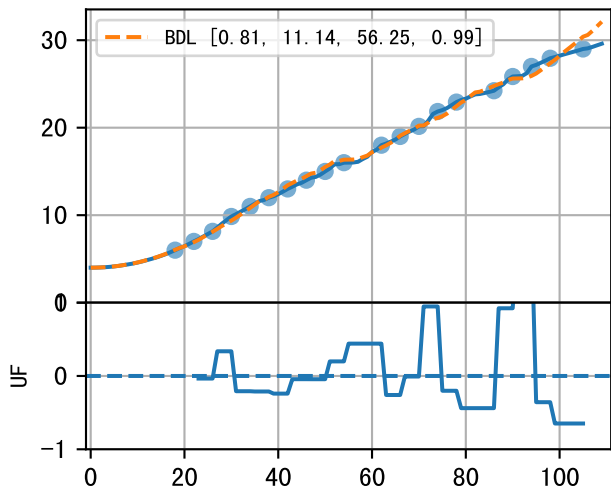
P10AW-010-25 (fit failed)



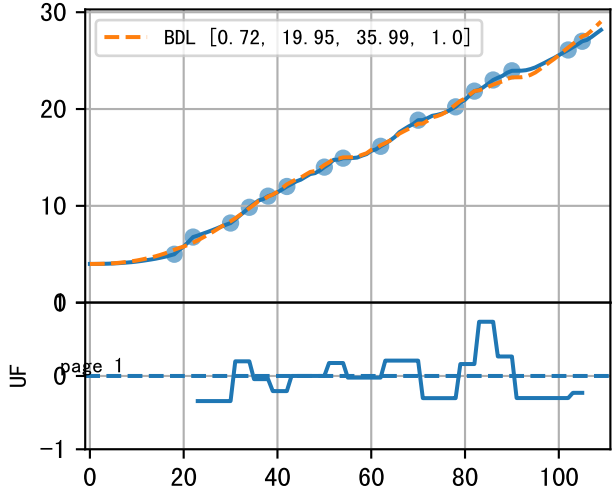
P10AW-017-16 (fit failed)



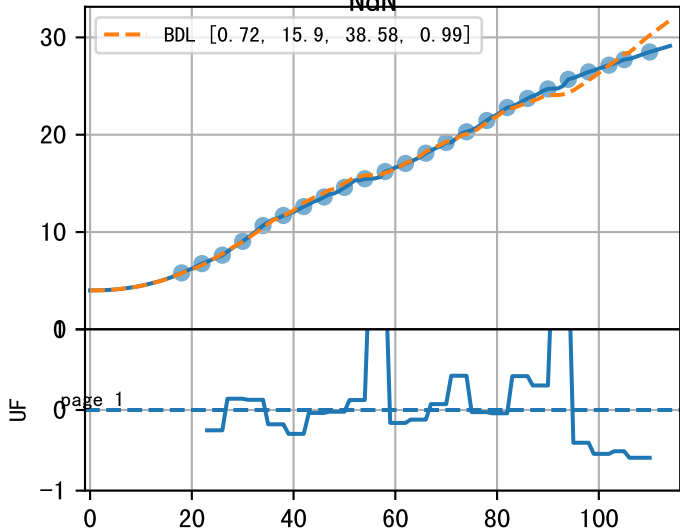
P10AW-025-3 (fit failed)

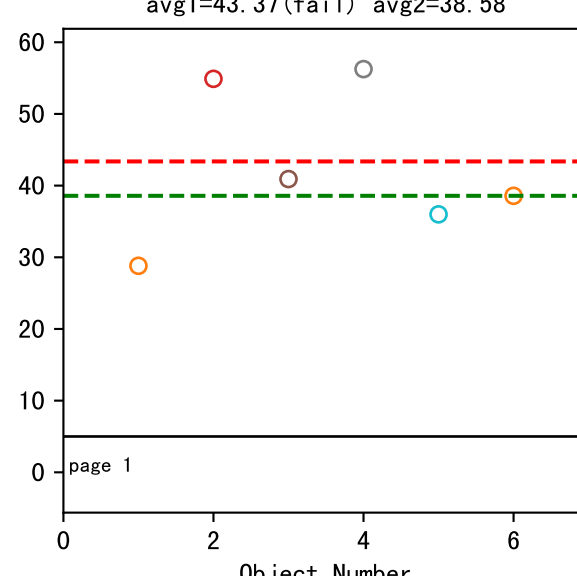
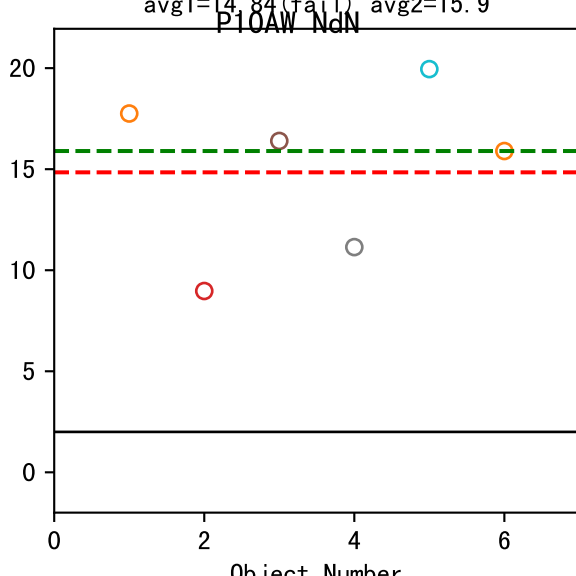
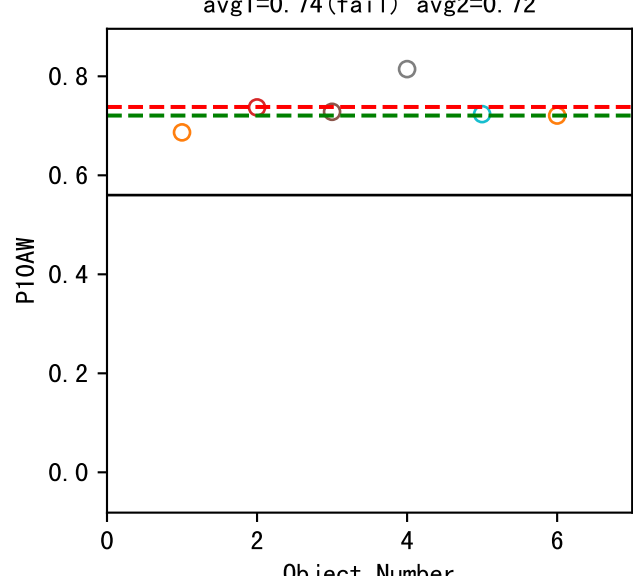


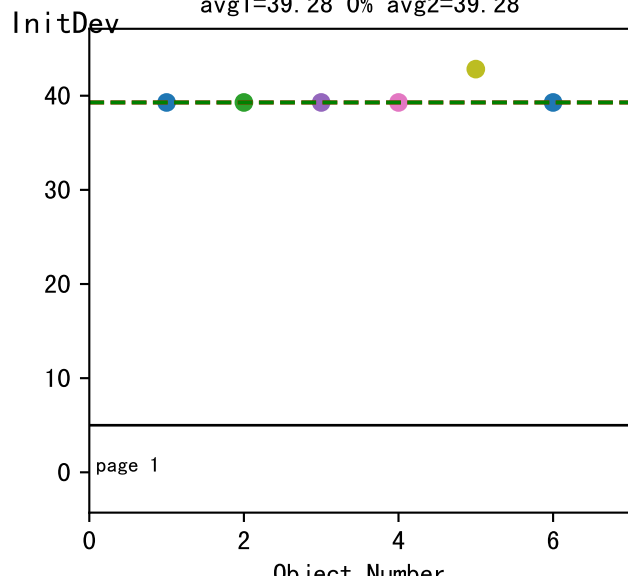
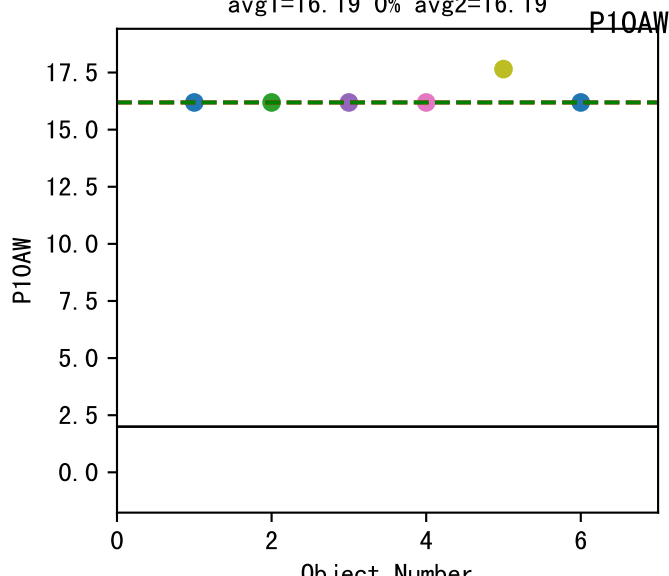
P10AW-032-33 (fit failed)



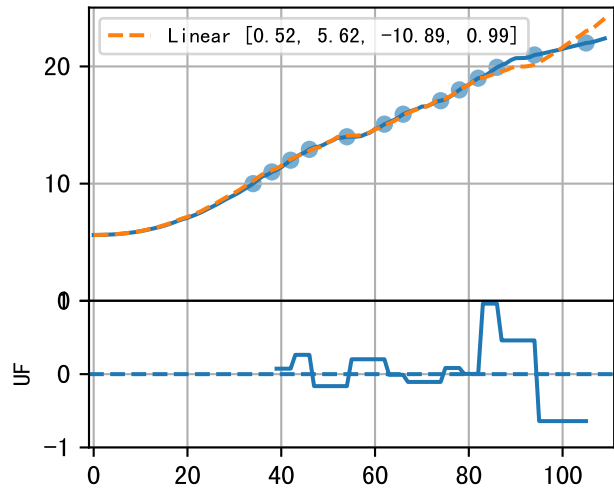
# PIOWavg (left-tailed)



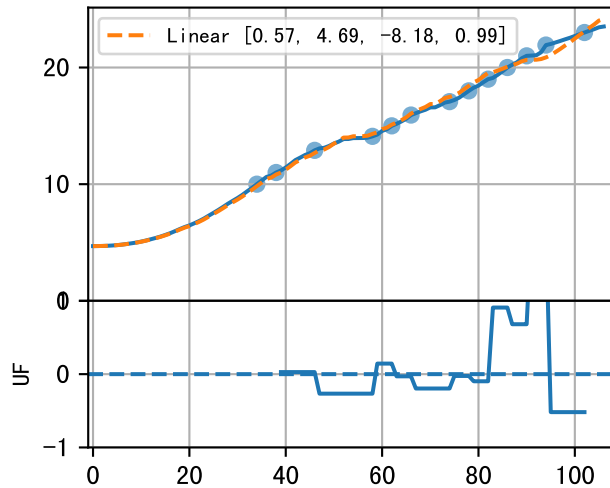




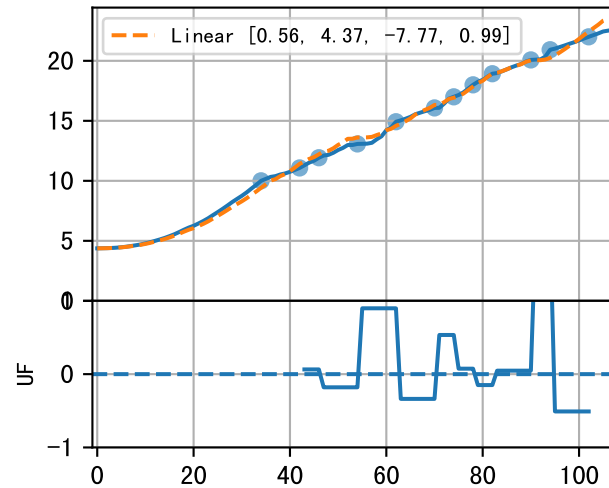
P10AW-004-12



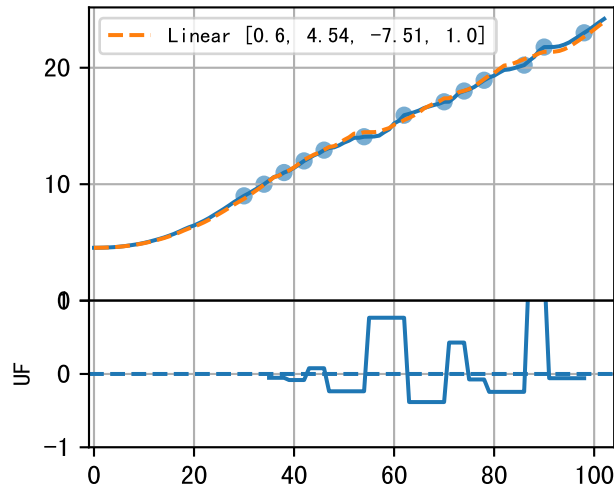
P10AW-010-25



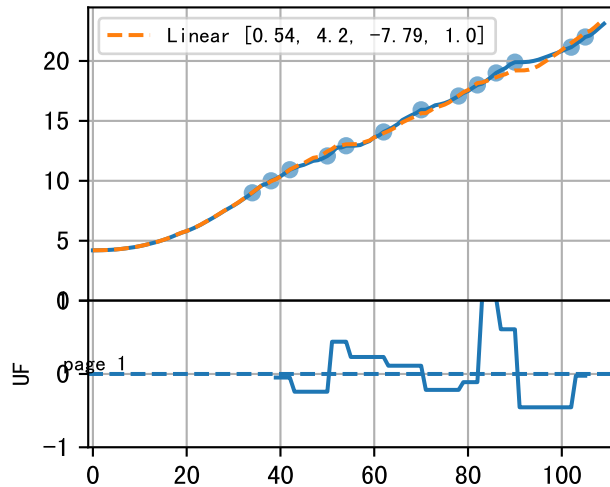
P10AW-017-16



P10AW-025-3

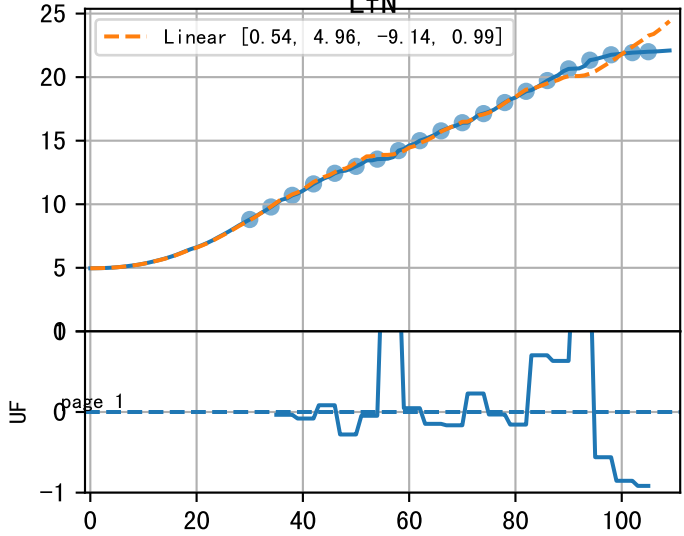


P10AW-032-33

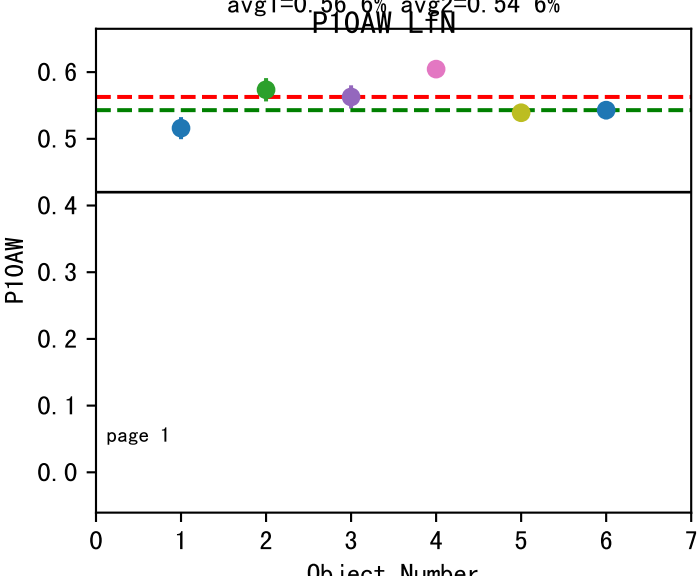


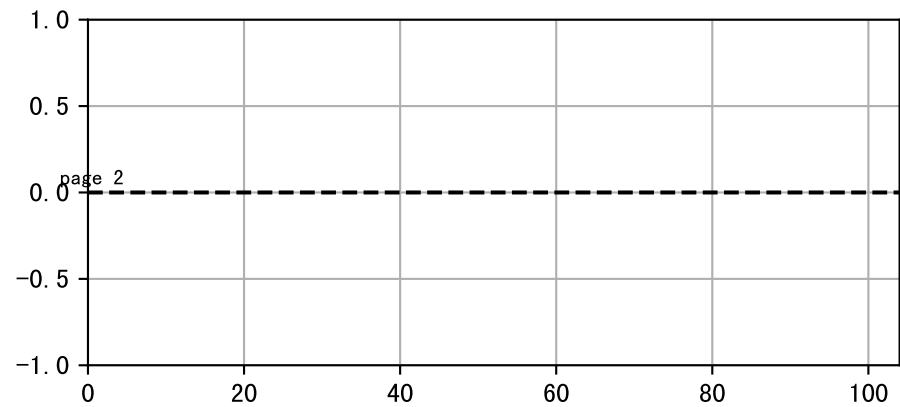
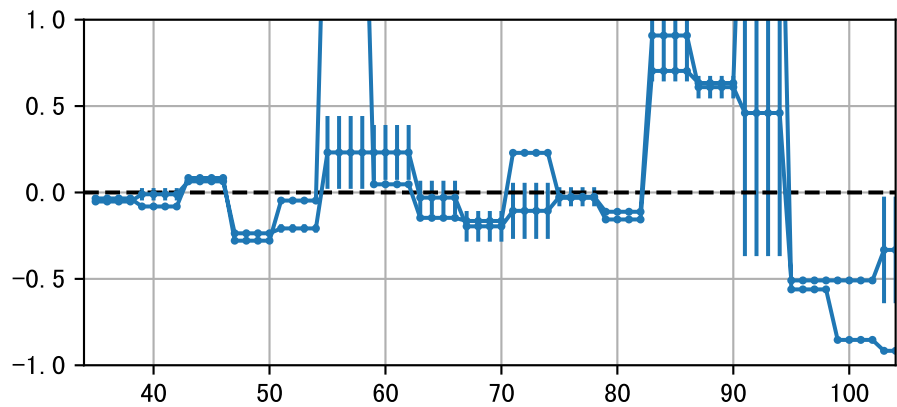
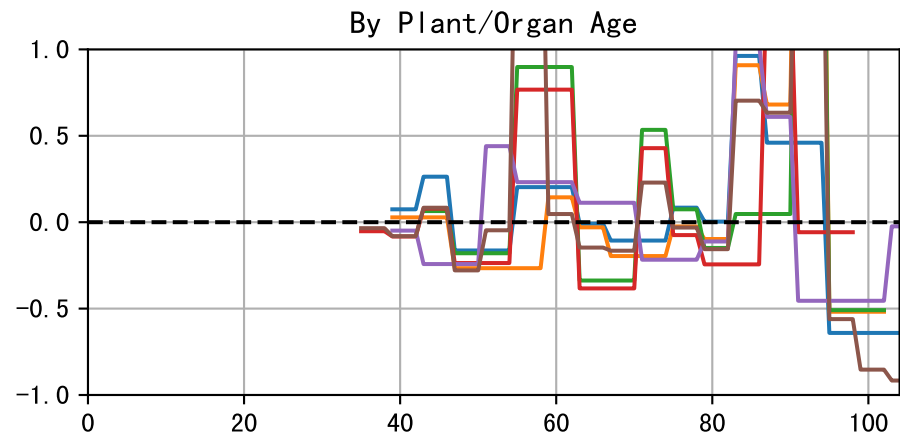
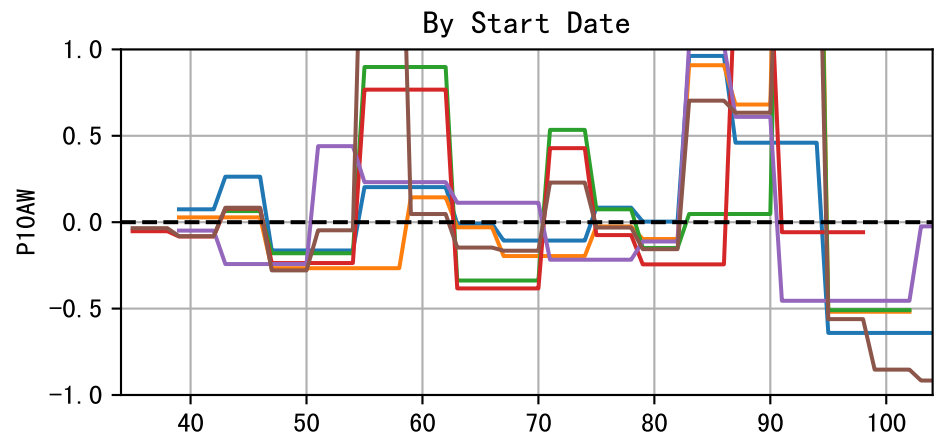
PTUavg  
LfN

Linear [0.54, 4.96, -9.14, 0.99]

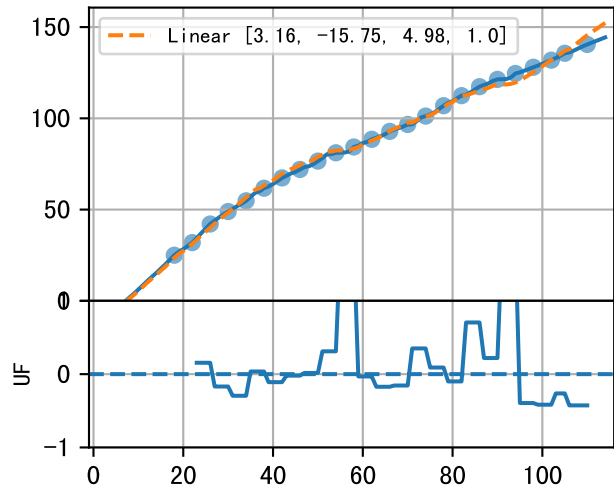


page 1

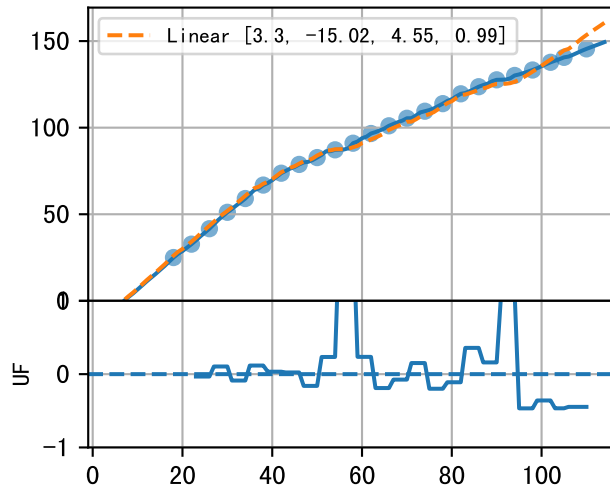




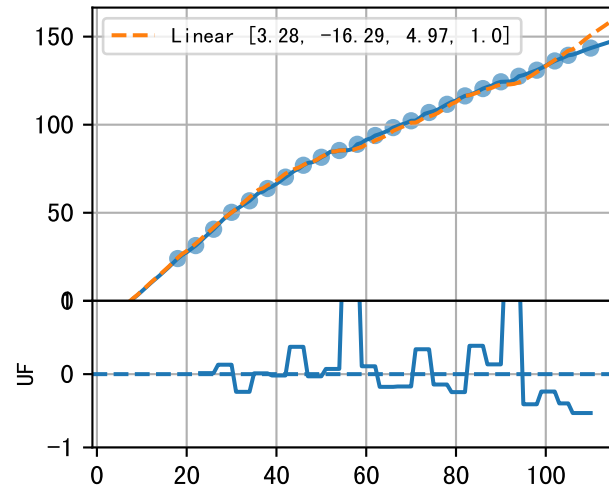
P10AW-004-12



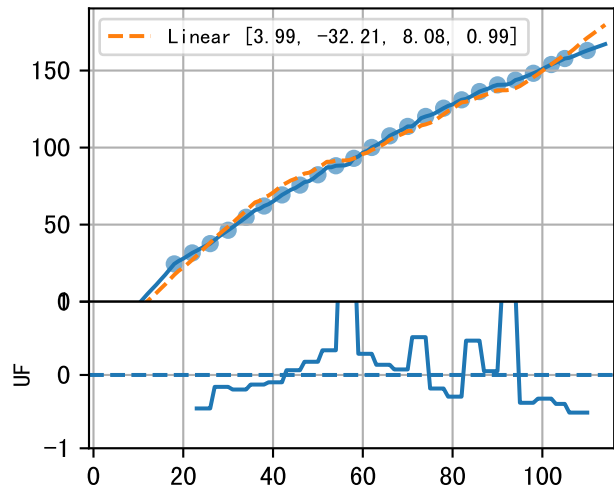
P10AW-010-25



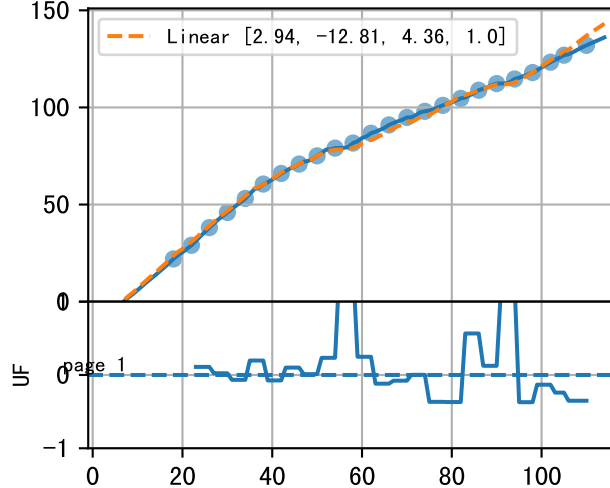
P10AW-017-16



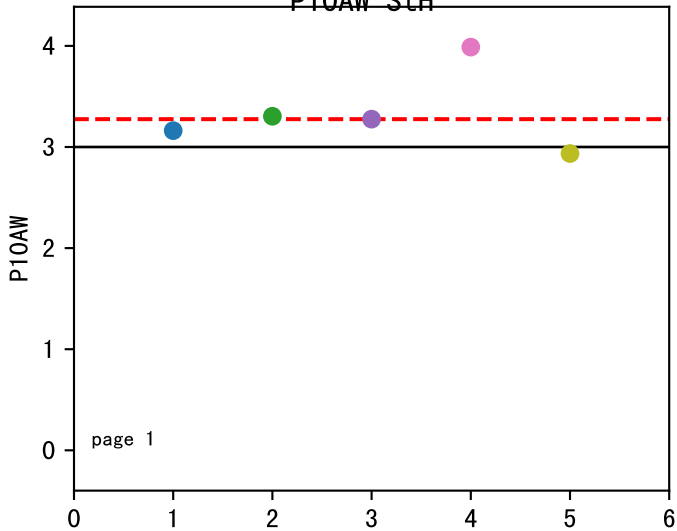
P10AW-025-3



P10AW-032-33

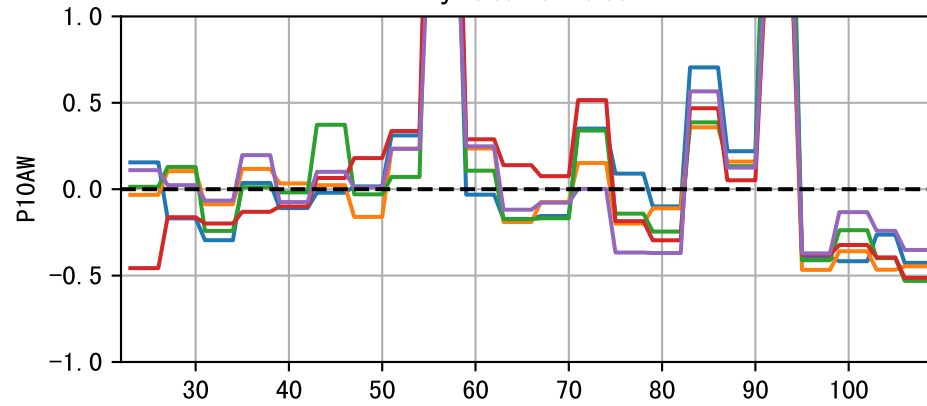


avg1=3.28, 2% avg2=na  
P10AW StH

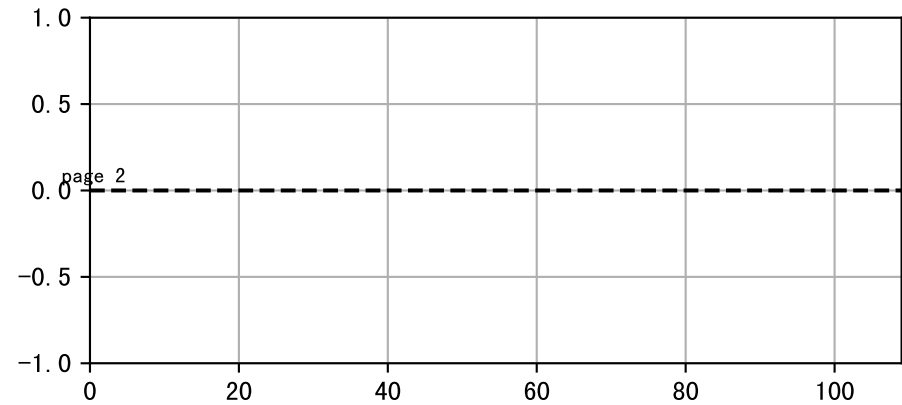
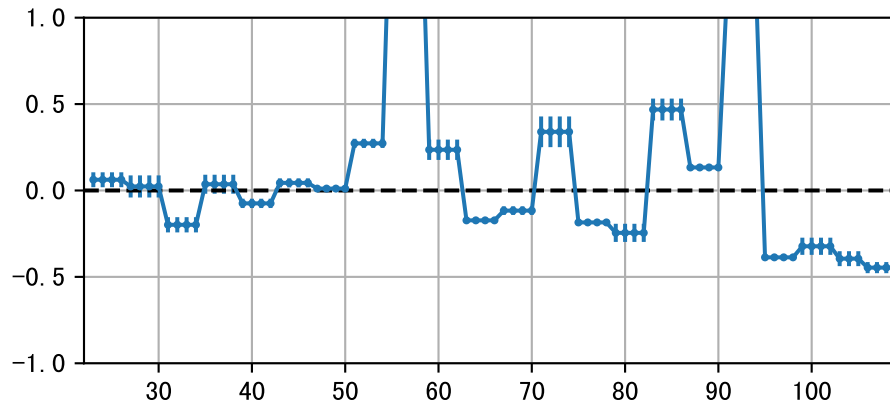
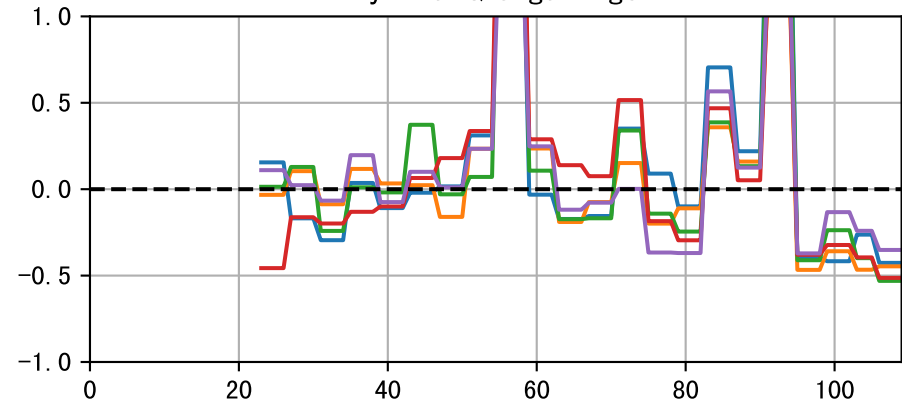


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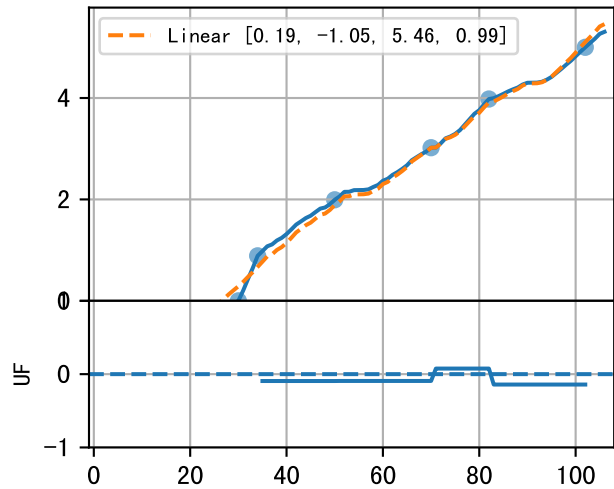
By Start Date



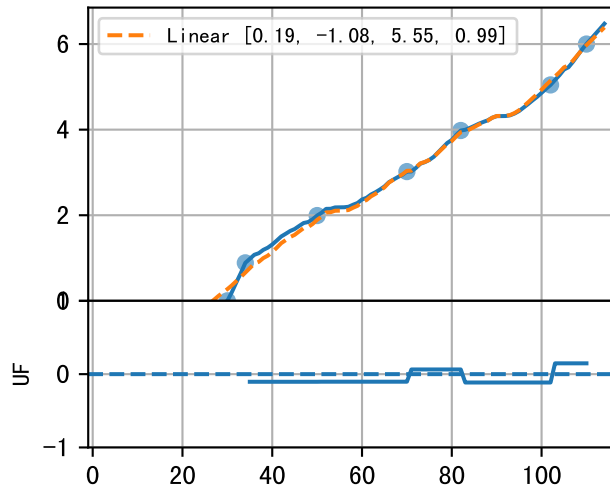
By Plant/Organ Age



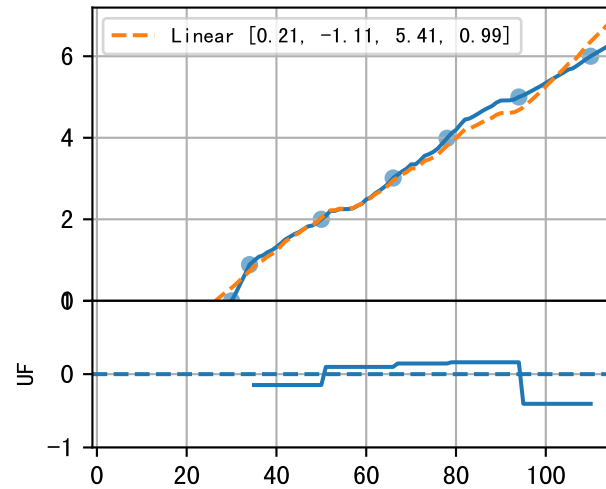
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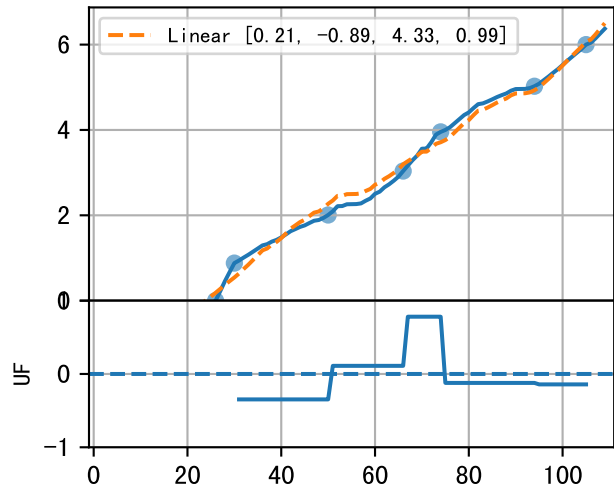
P10AW-010-25



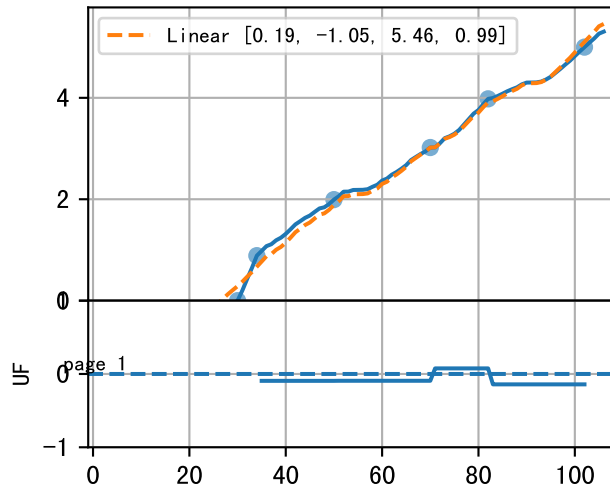
P10AW-017-16



P10AW-025-3



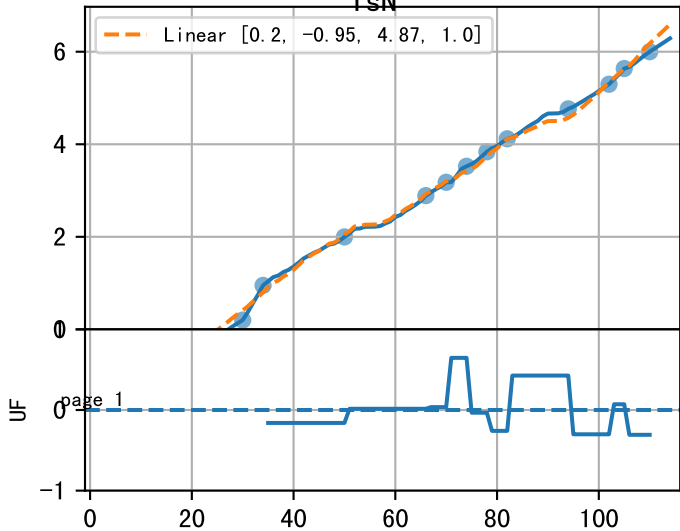
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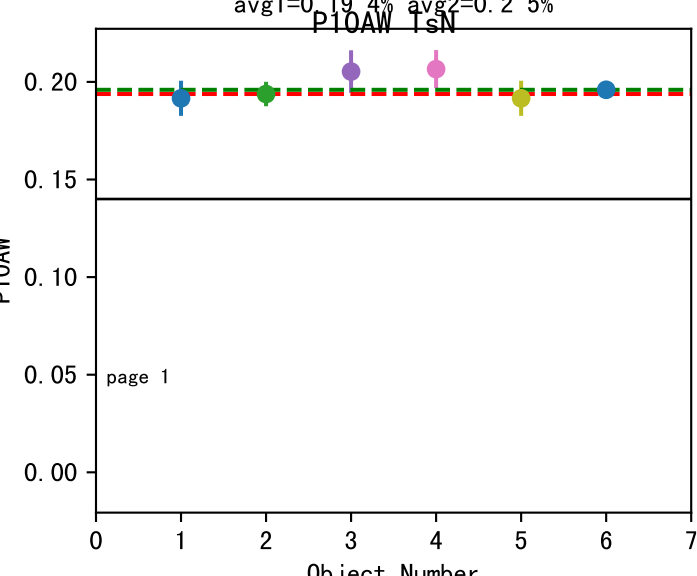
PTQAvg

TsN

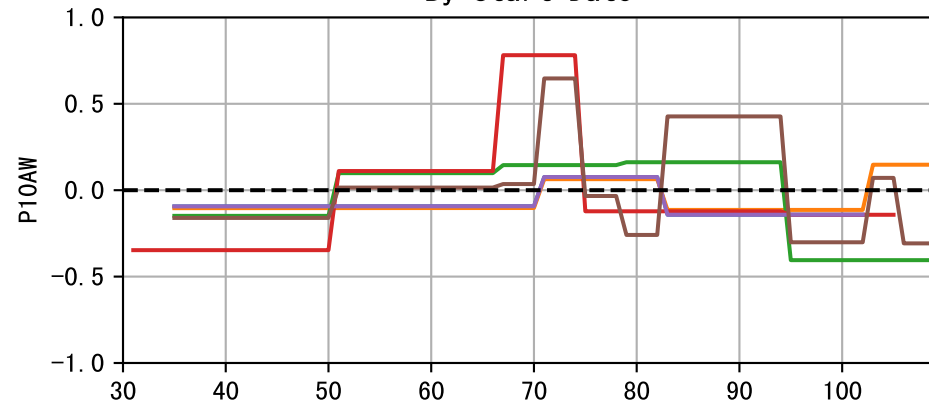
Linear [0.2, -0.95, 4.87, 1.0]



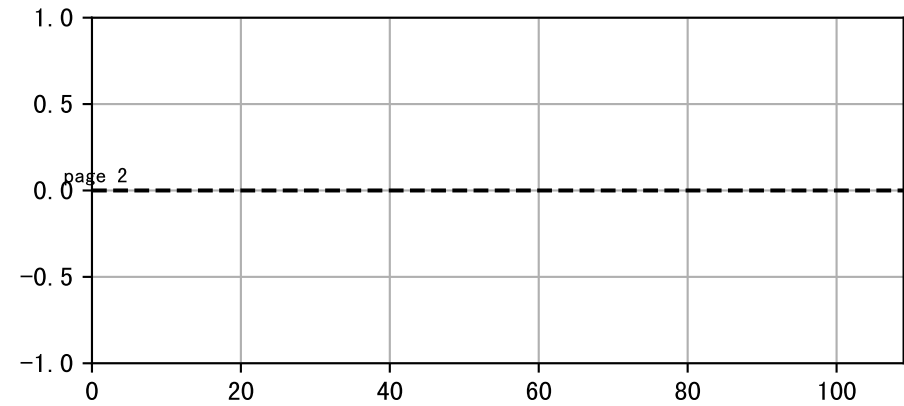
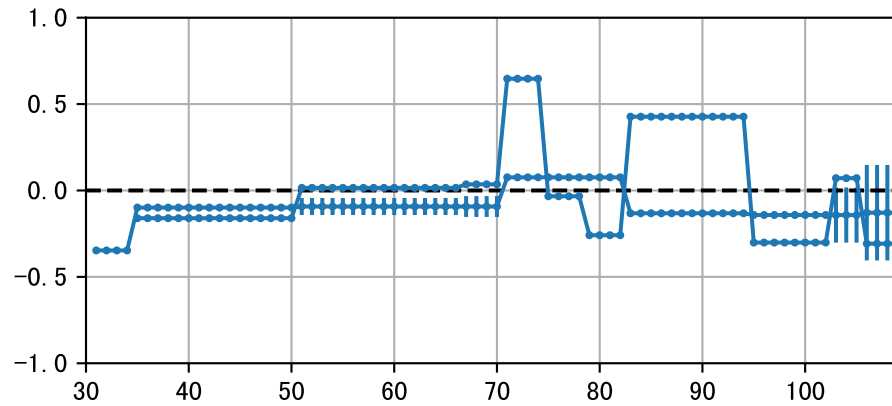
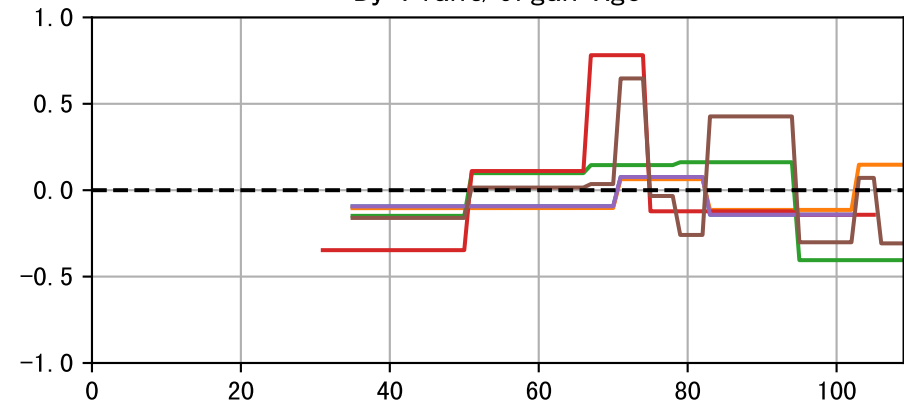
page 1

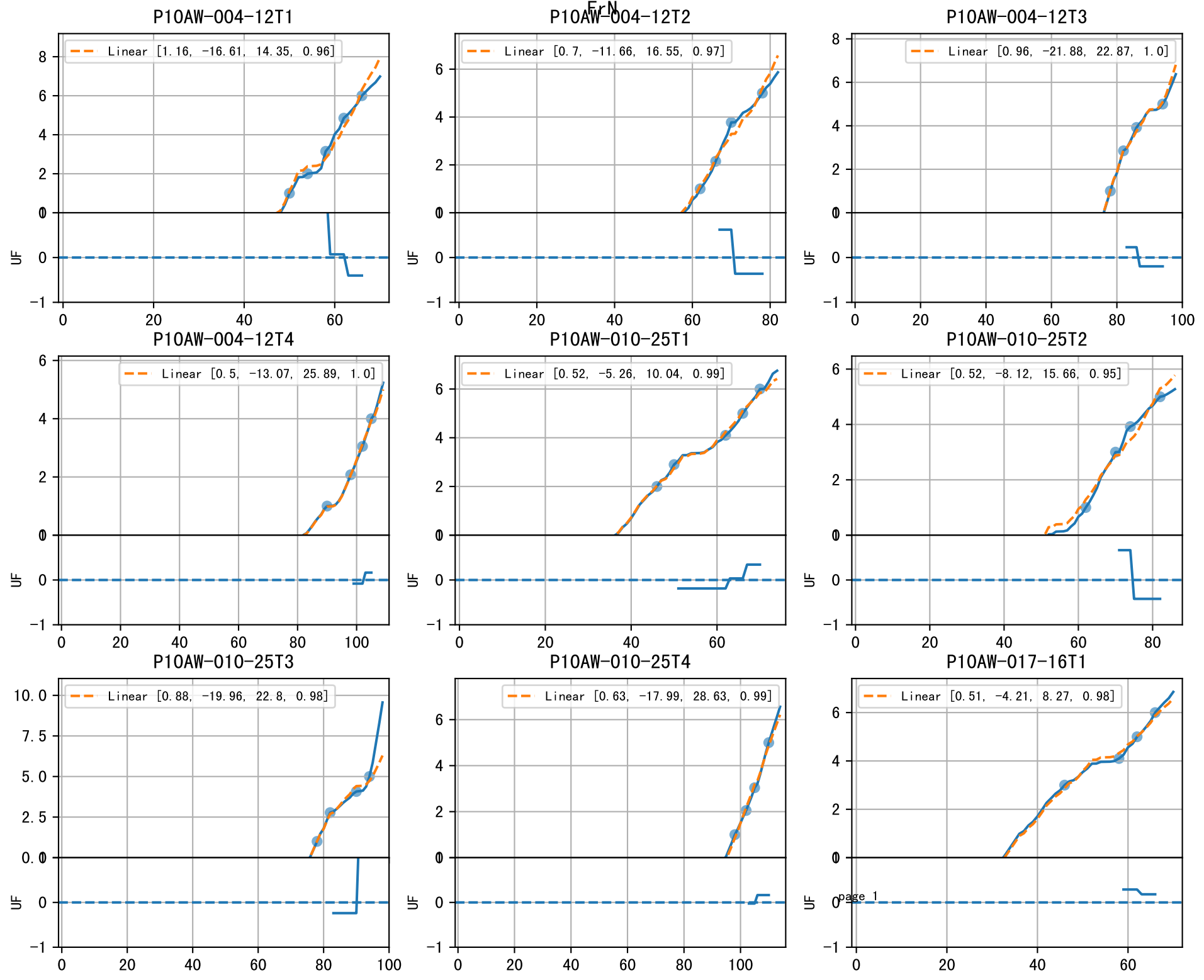


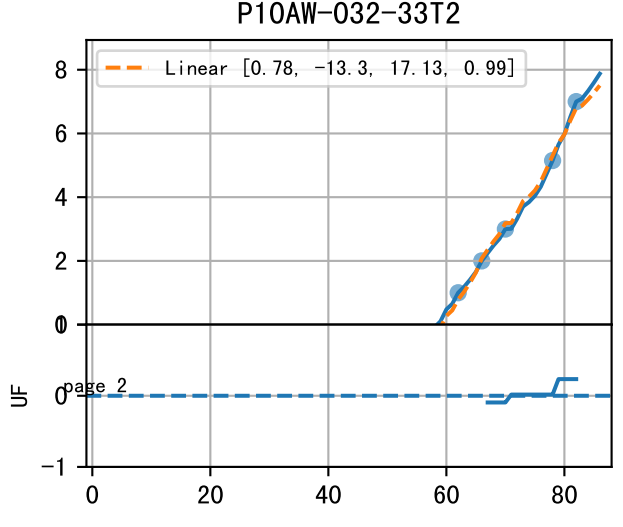
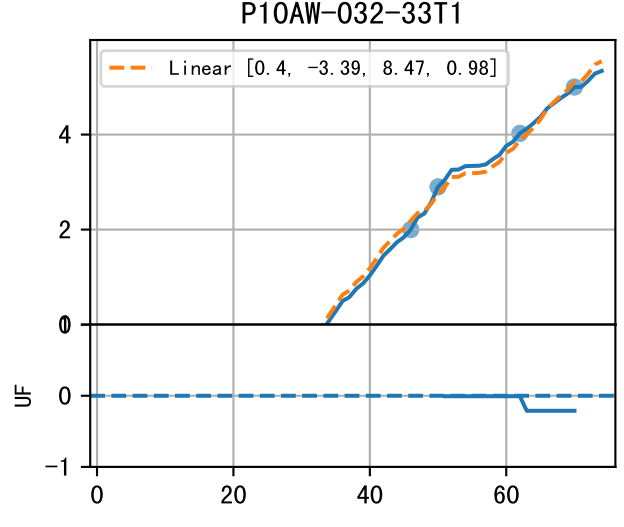
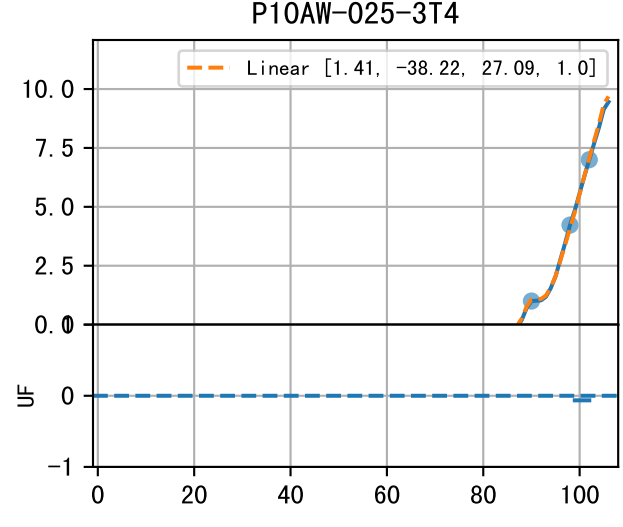
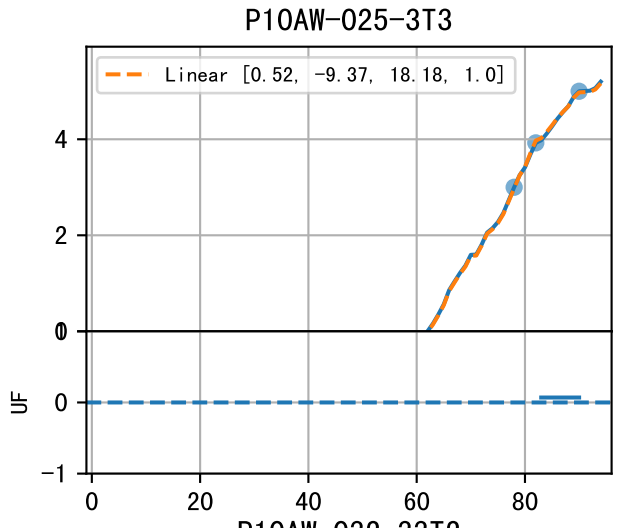
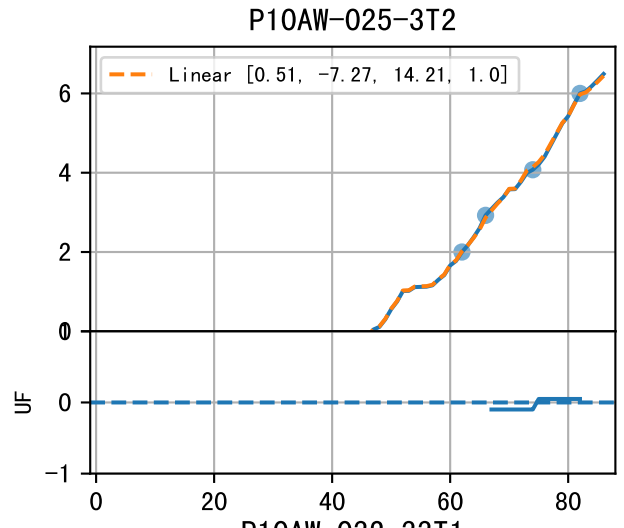
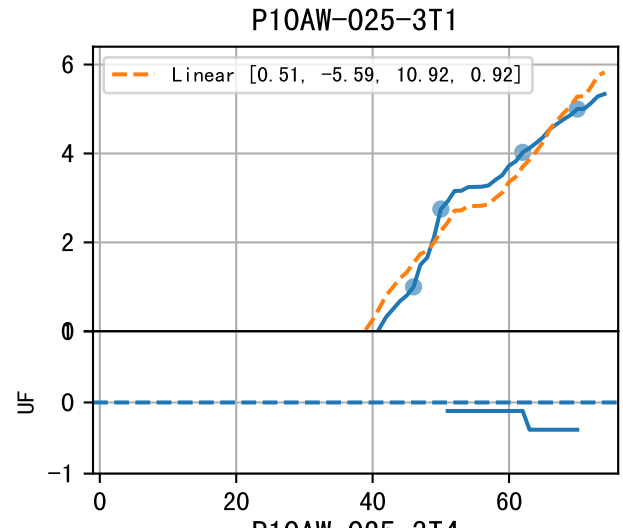
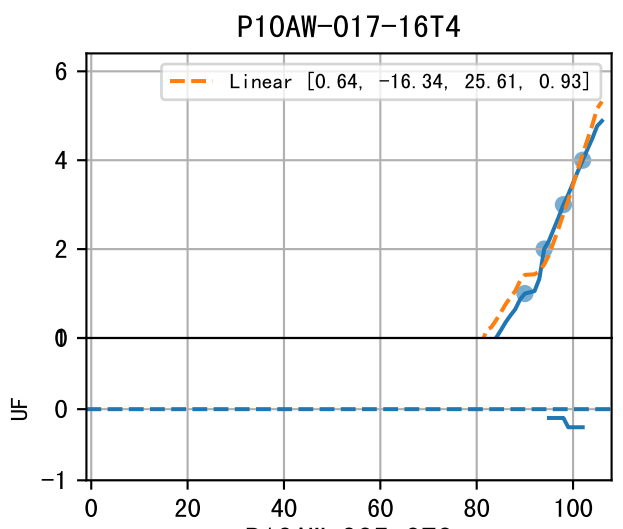
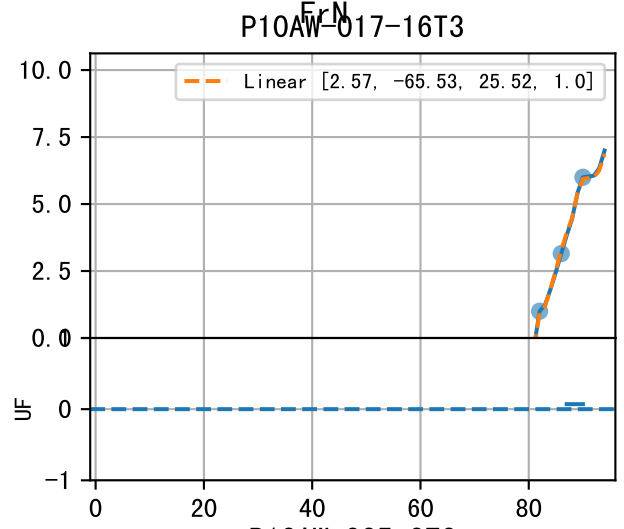
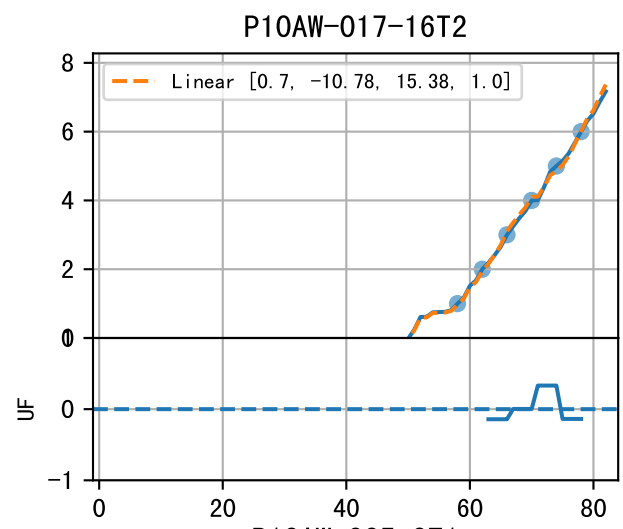
By Start Date



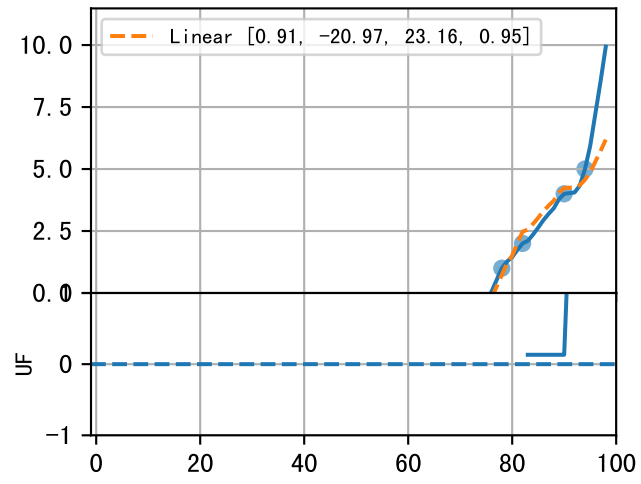
By Plant/Organ Age



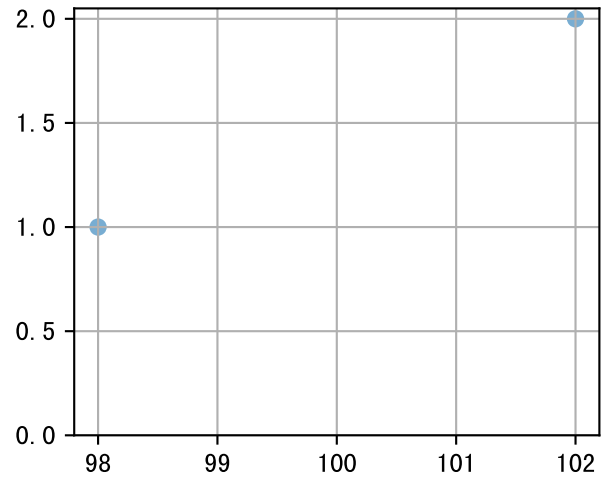




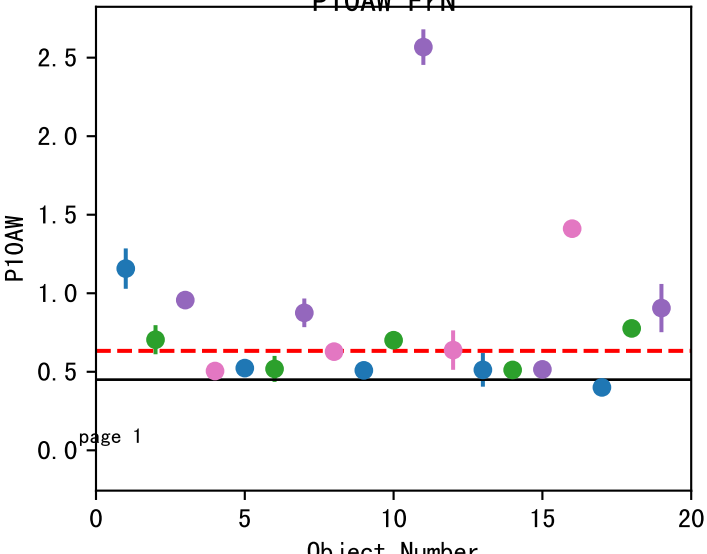
P10AW-032-33T3



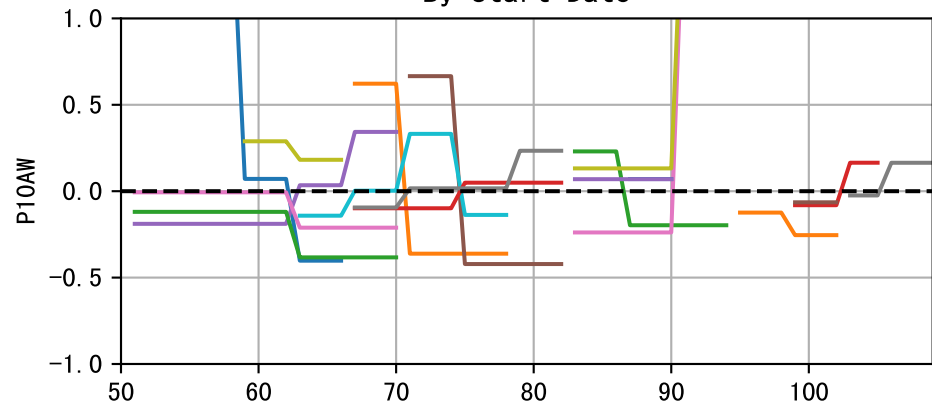
P10AW-032-33T4 (fit failed)



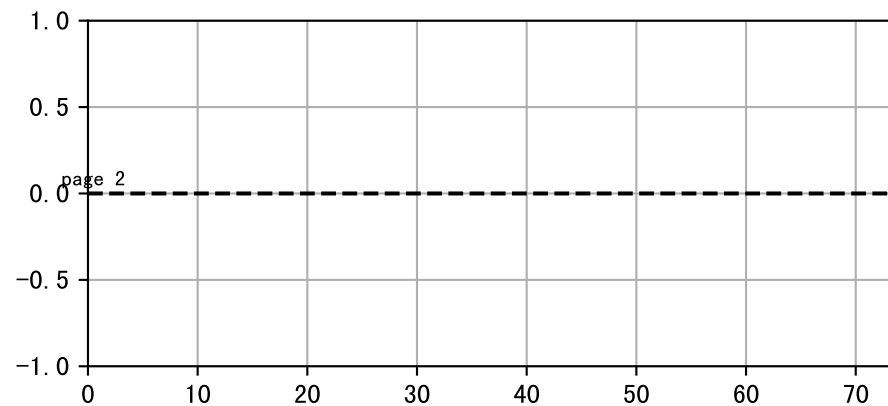
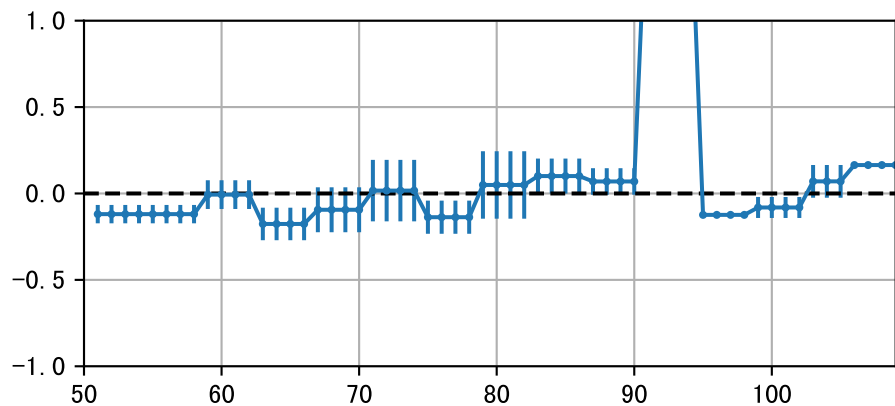
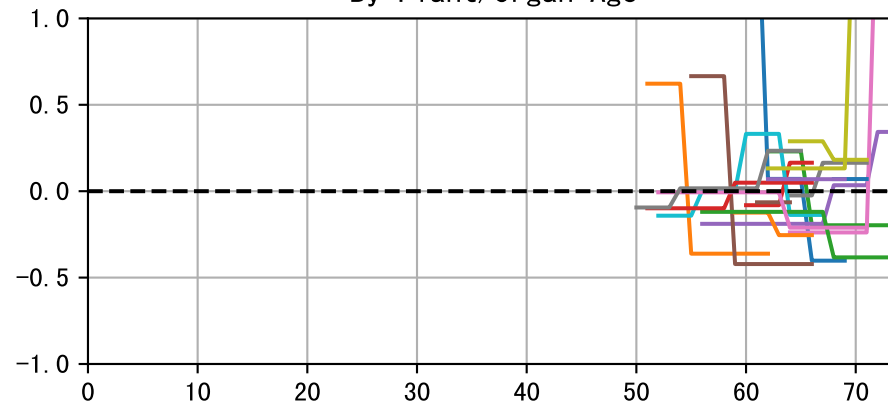
avg1=0.6342% avg2=na  
P10AW FrN

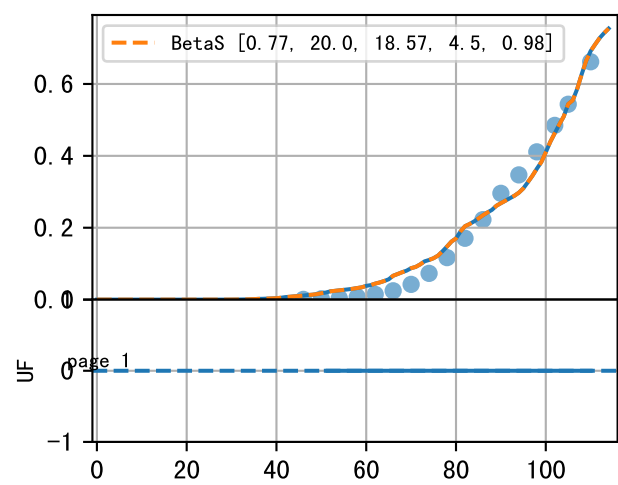
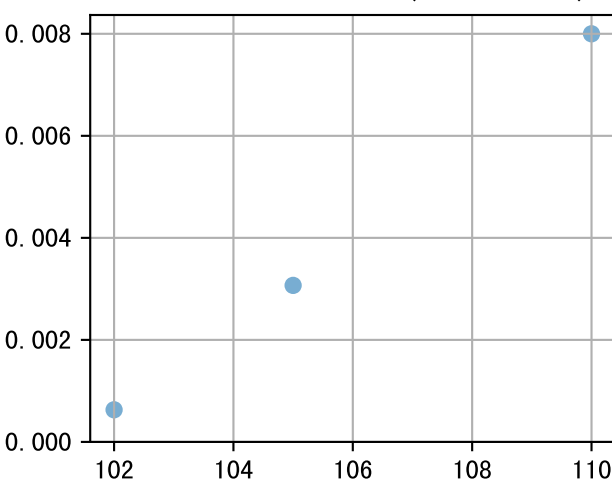
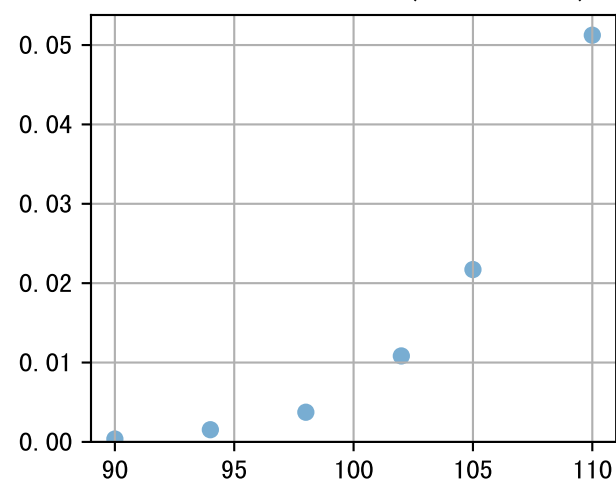
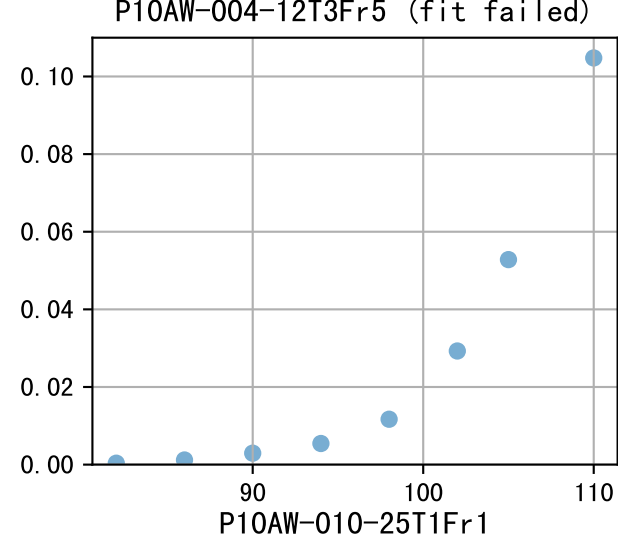
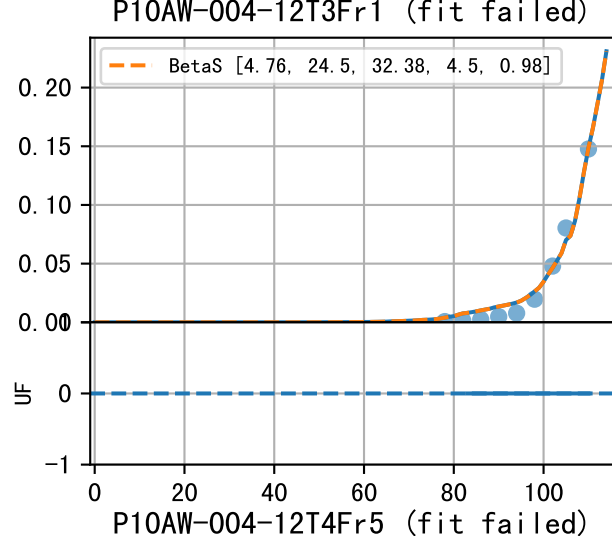
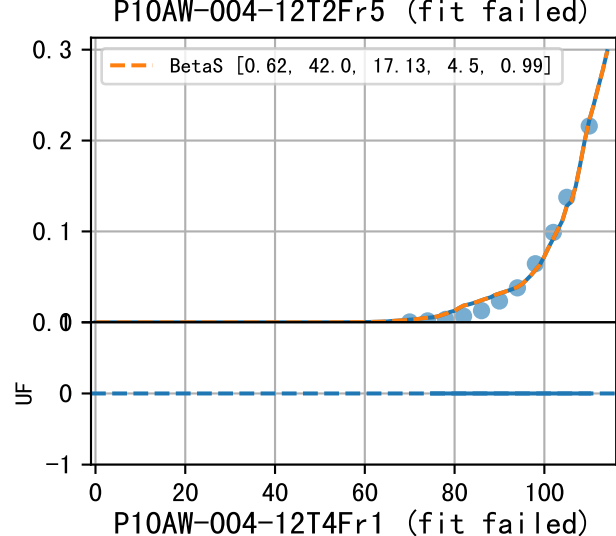
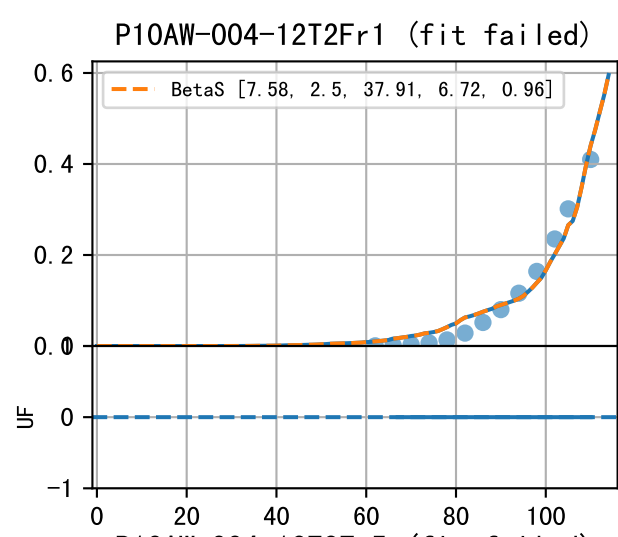
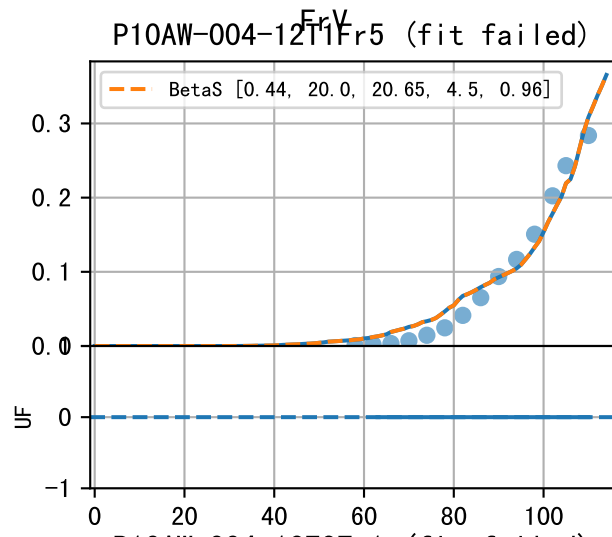
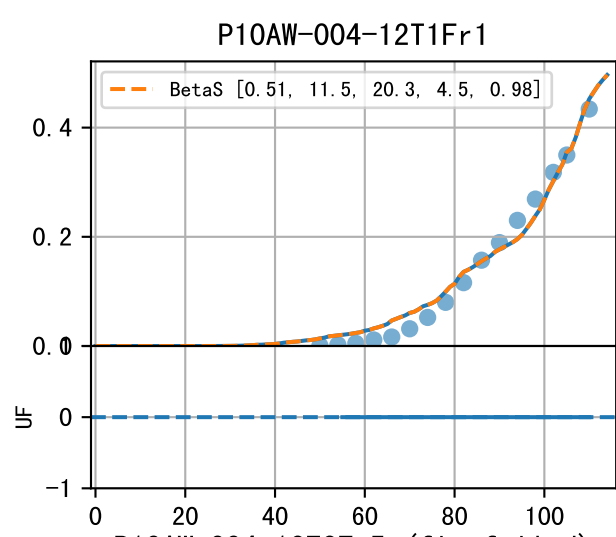


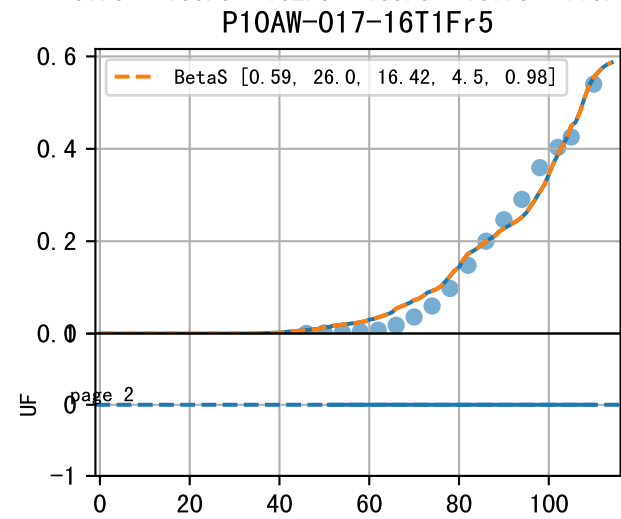
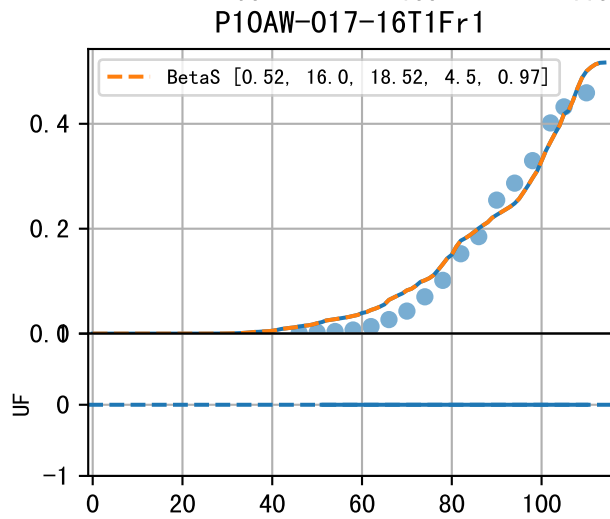
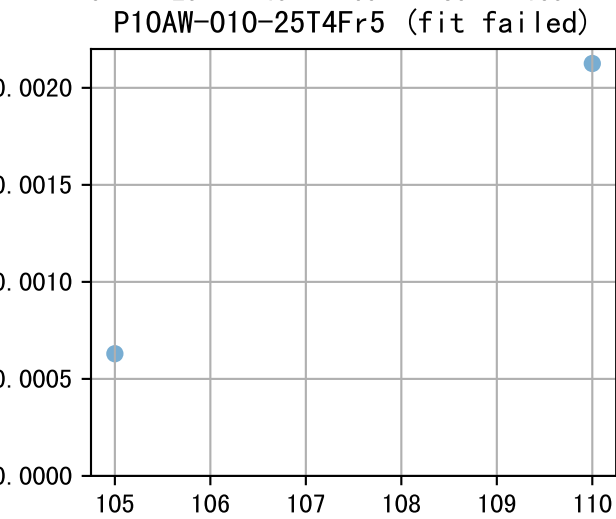
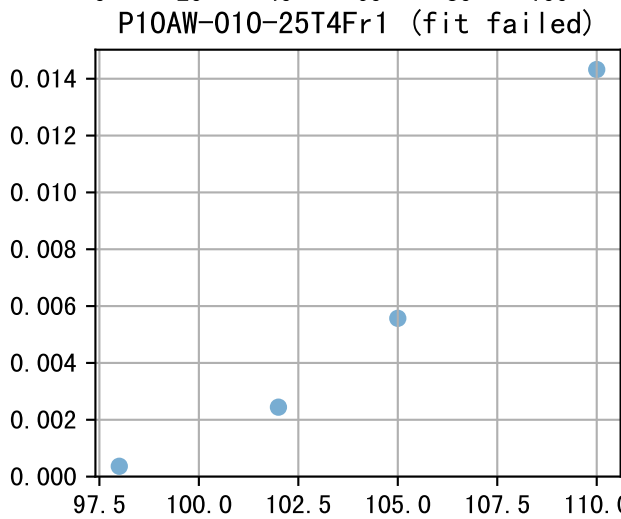
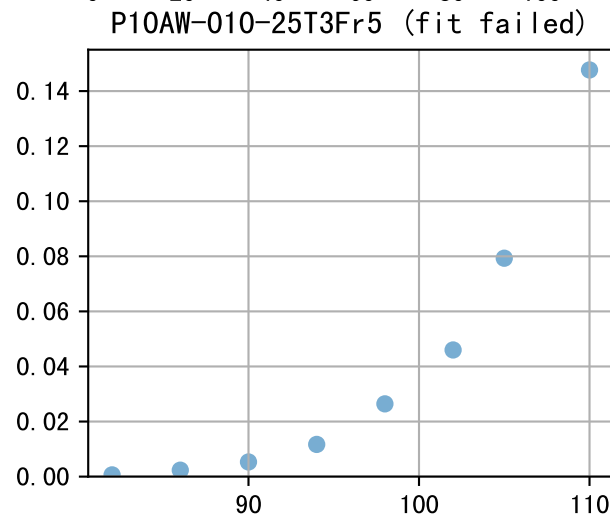
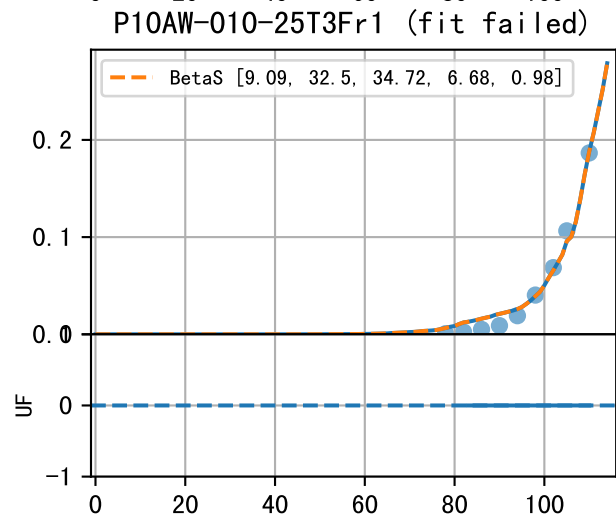
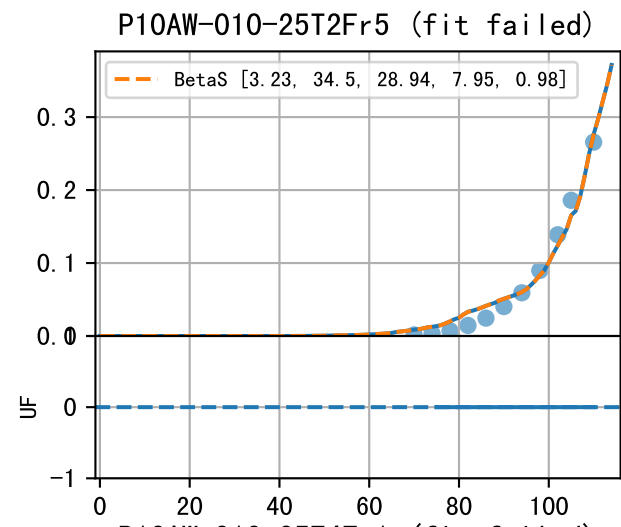
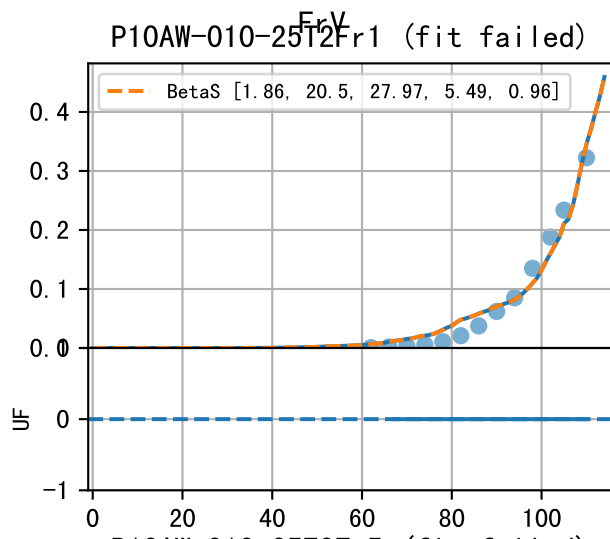
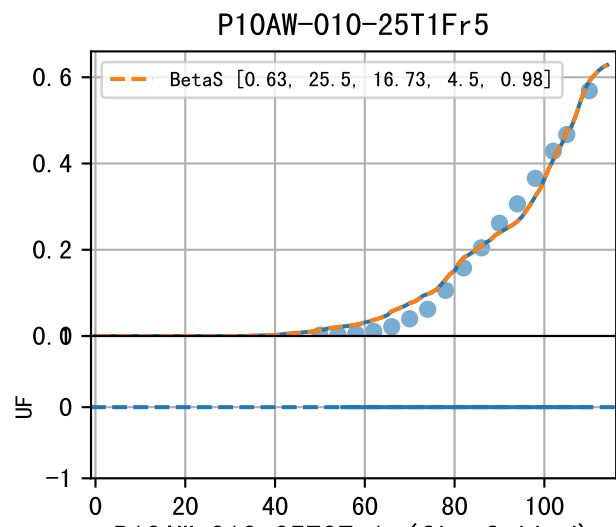
By Start Date

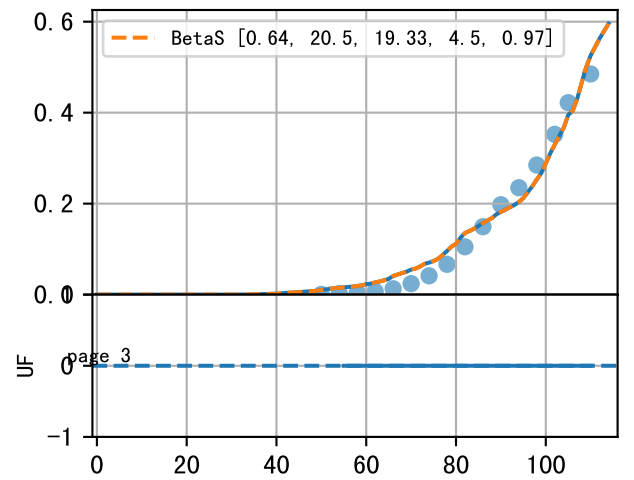
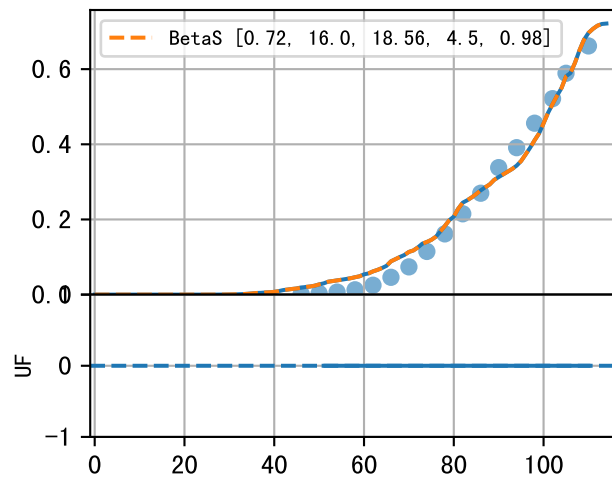
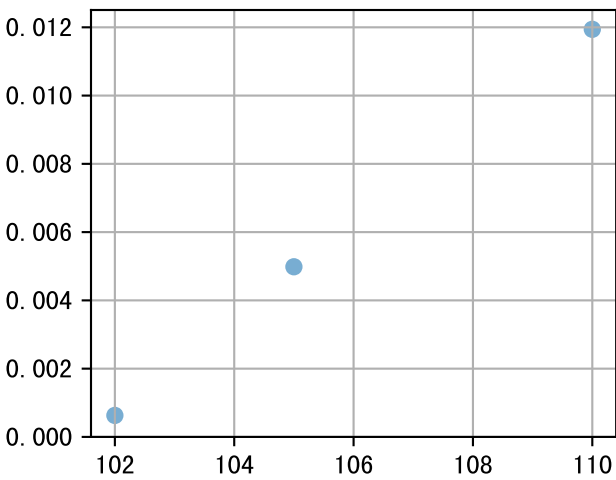
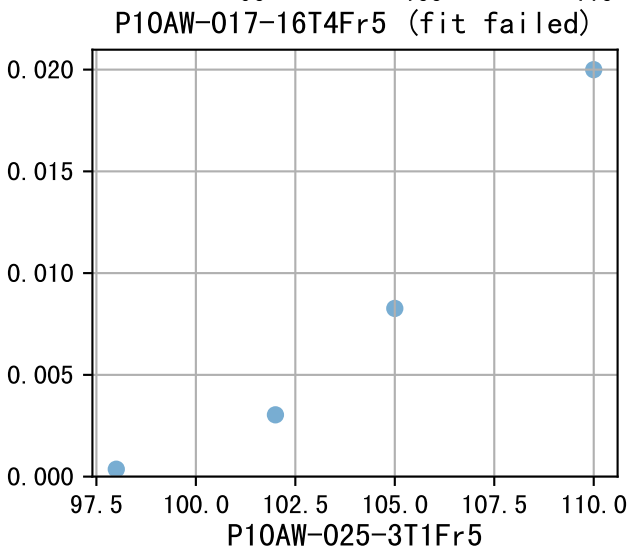
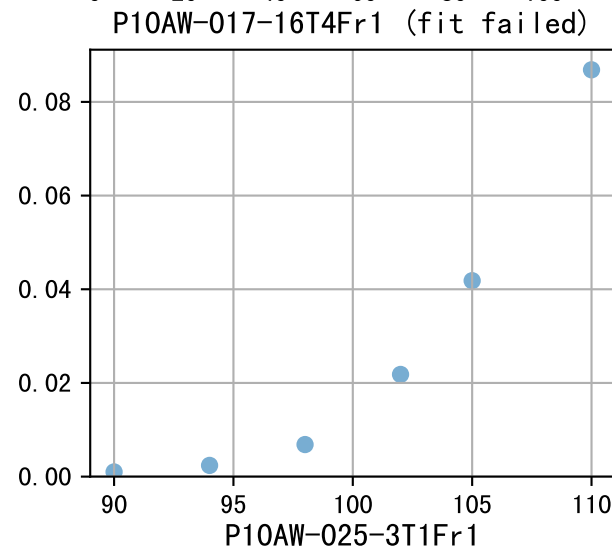
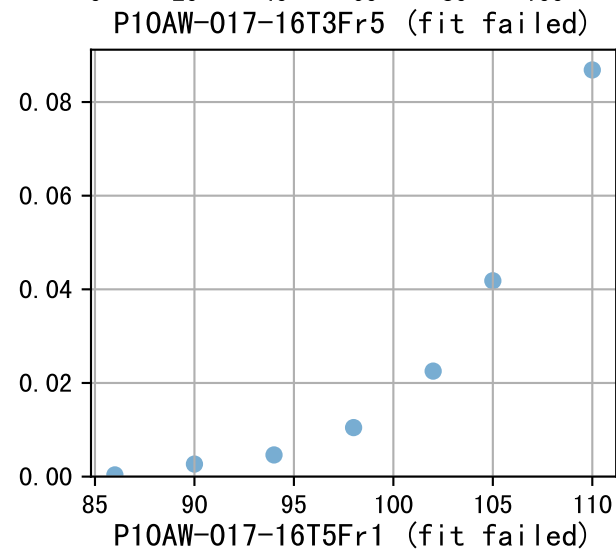
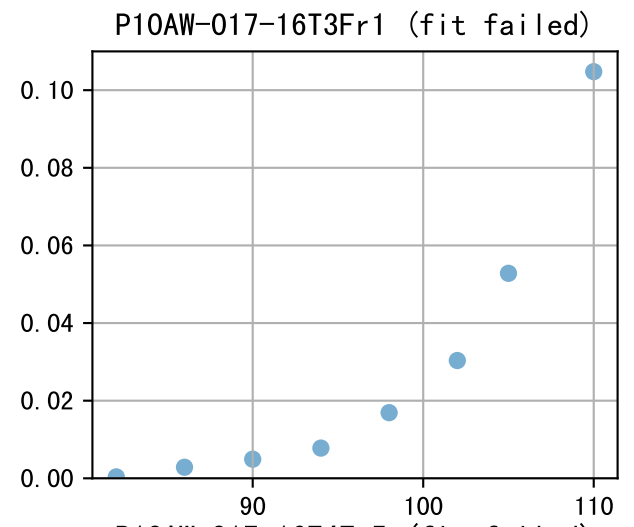
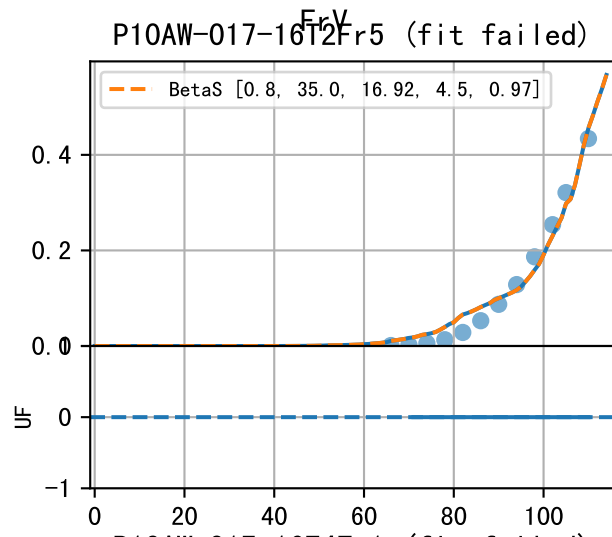
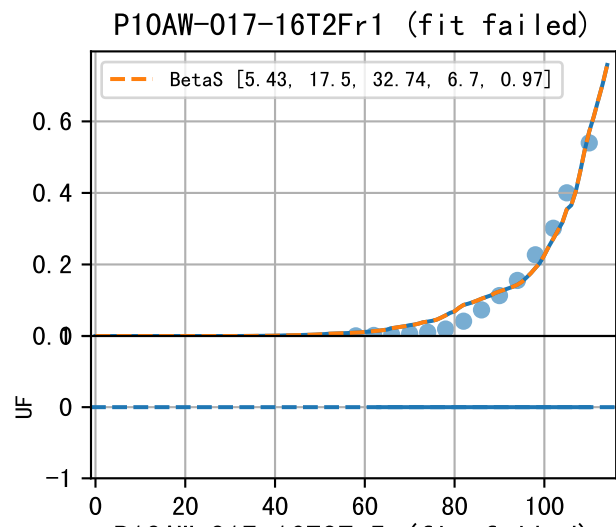


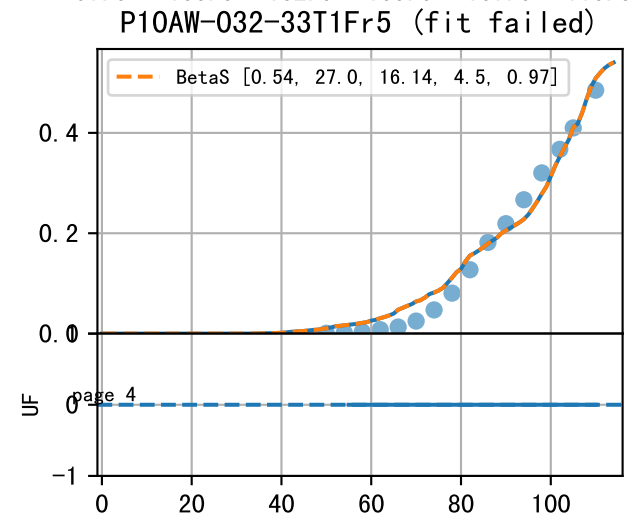
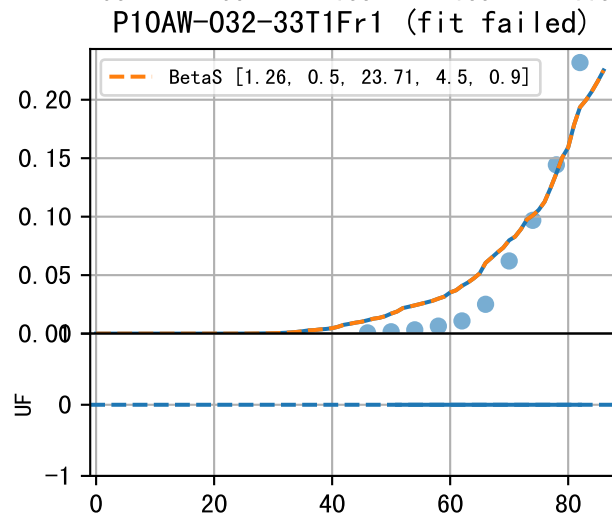
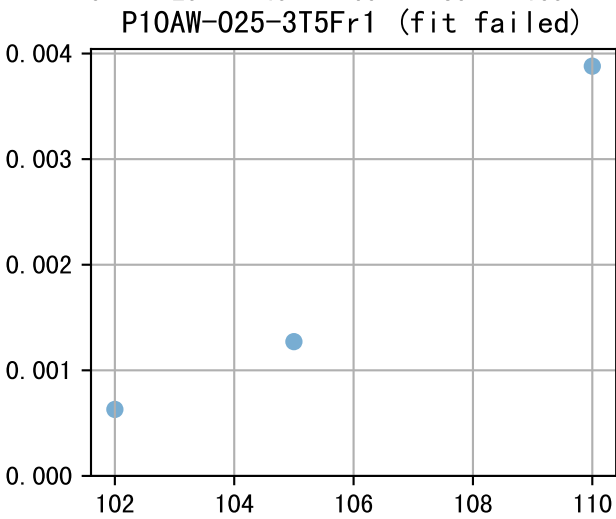
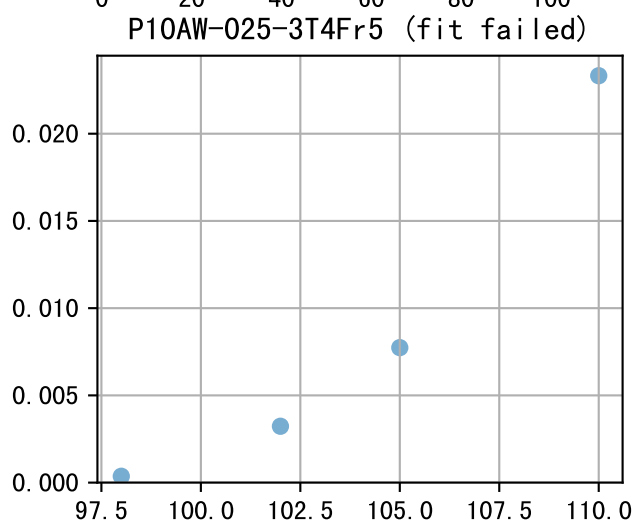
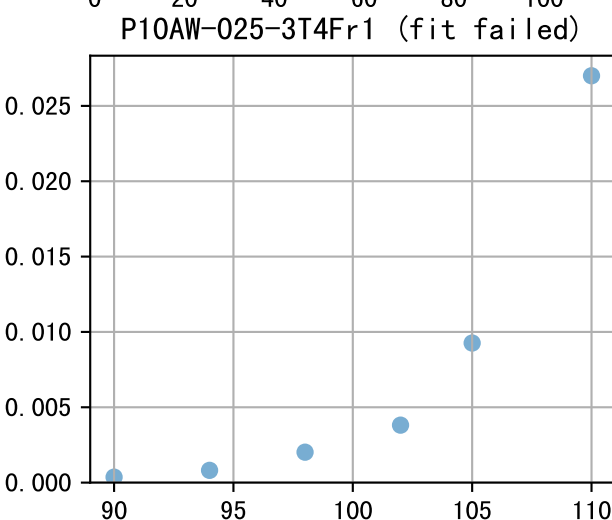
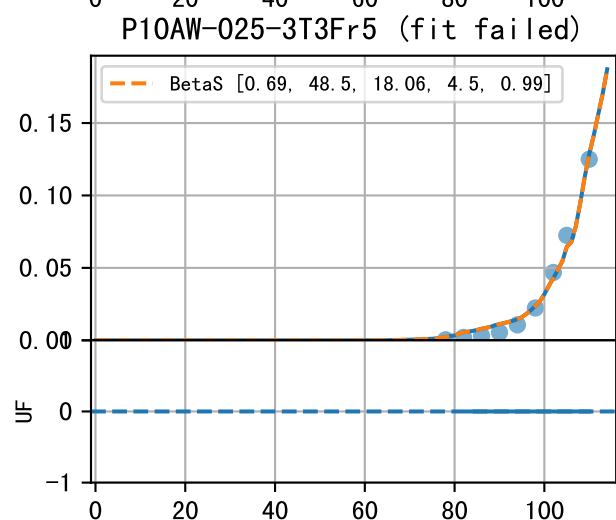
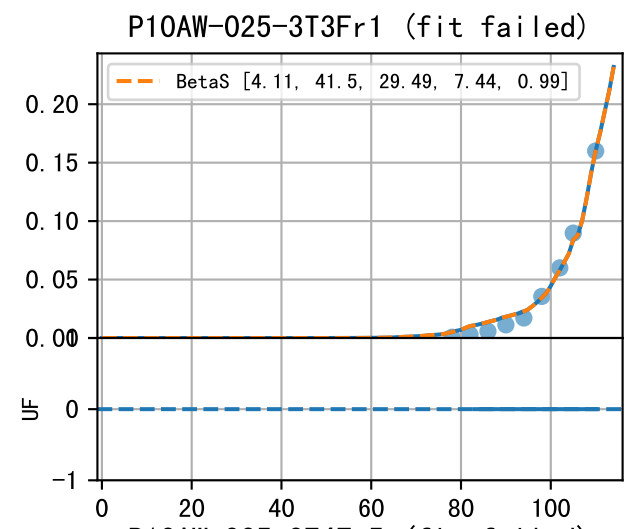
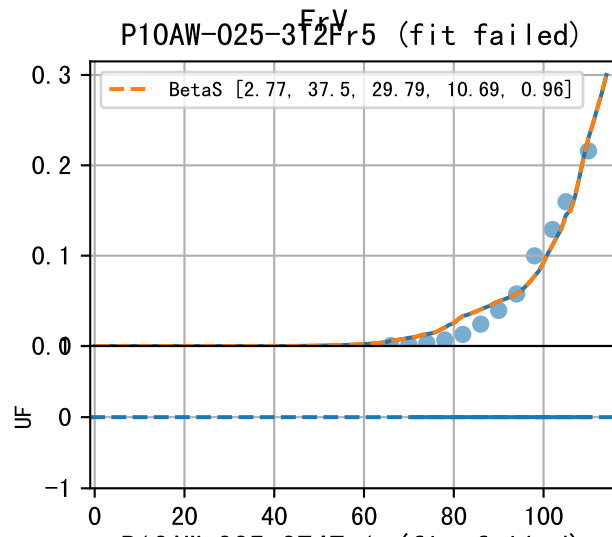
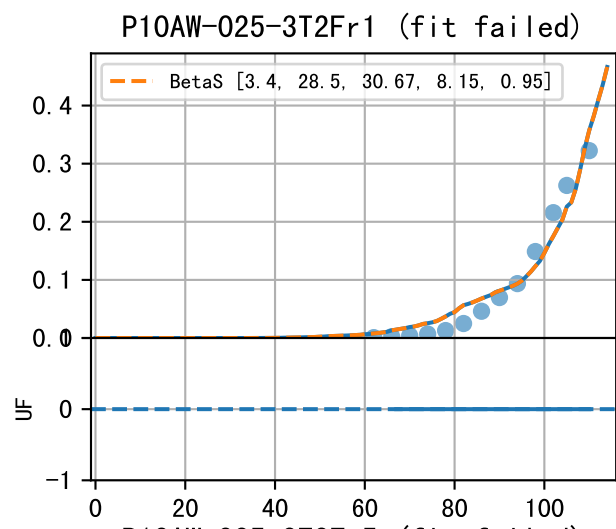
By Plant/Organ Age

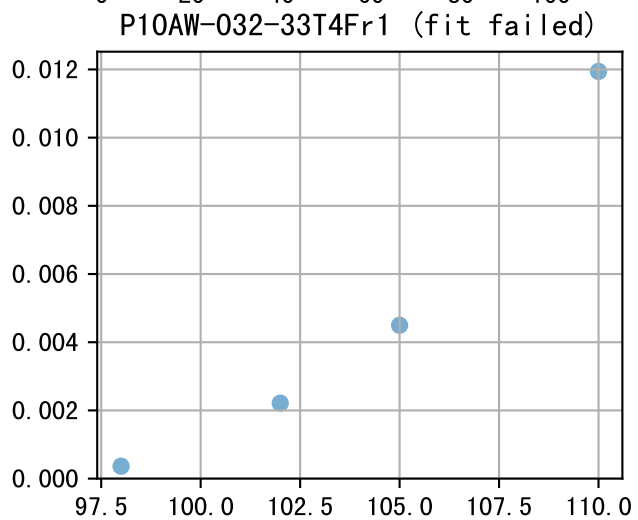
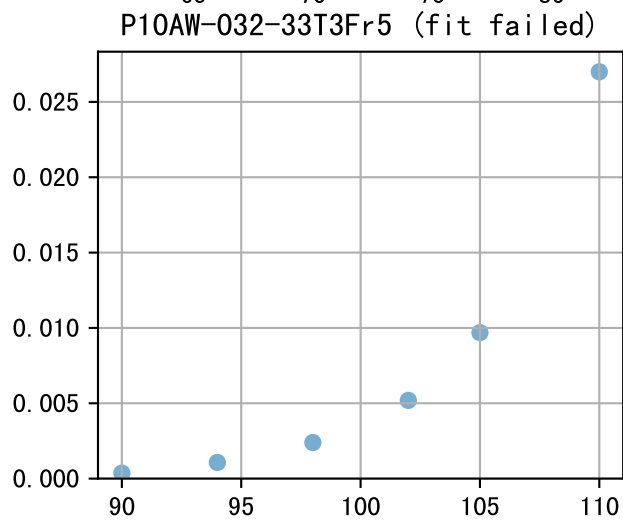
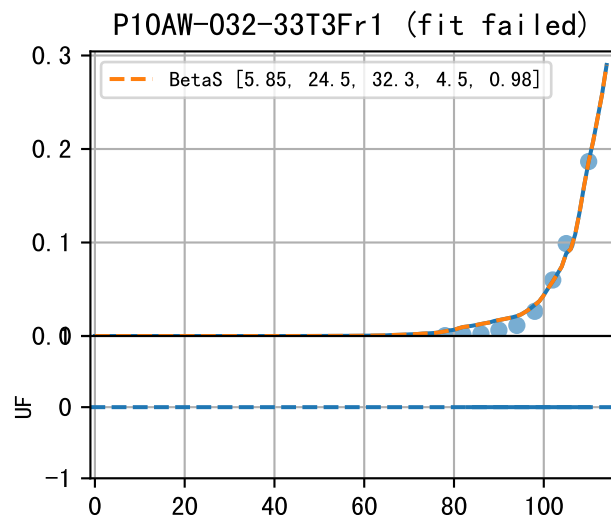
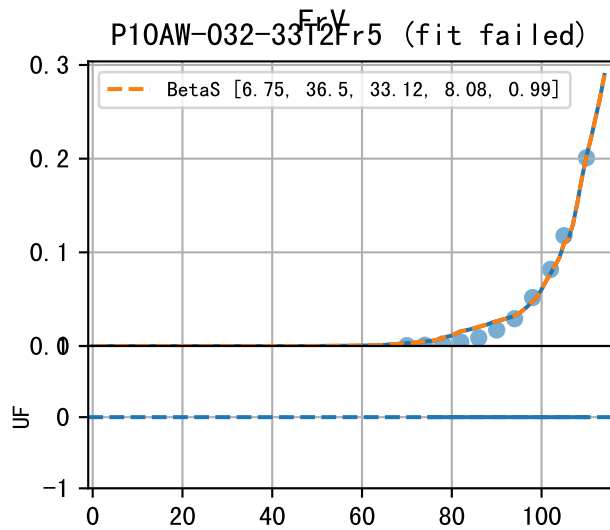
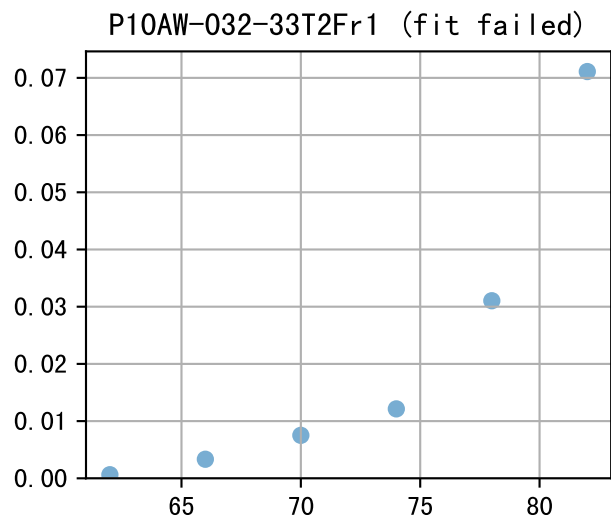


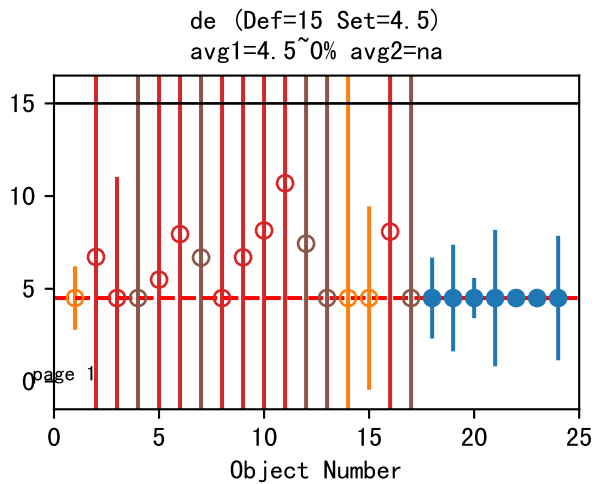
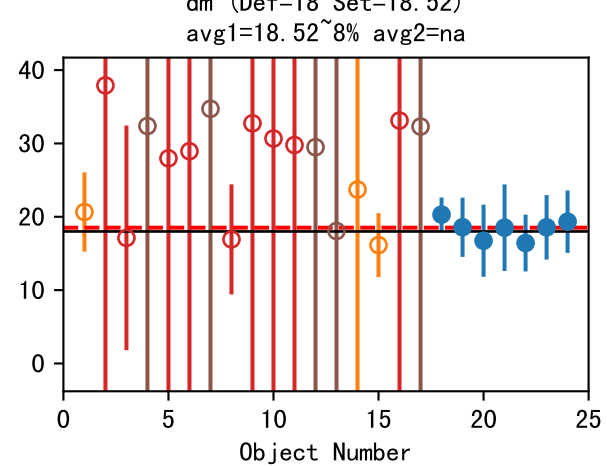
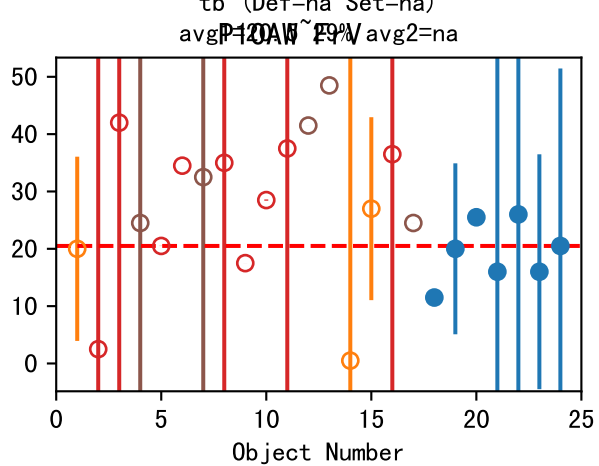
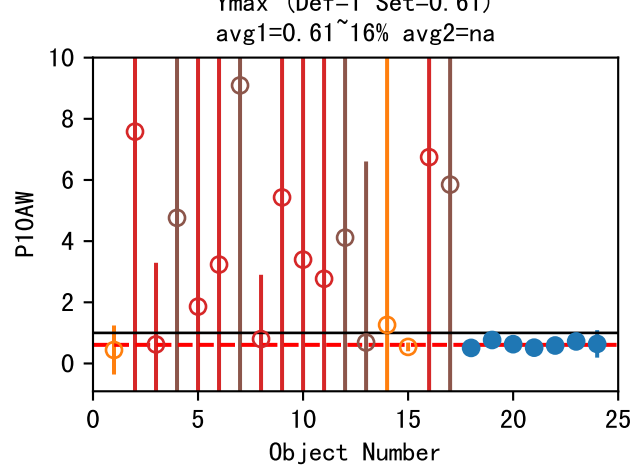




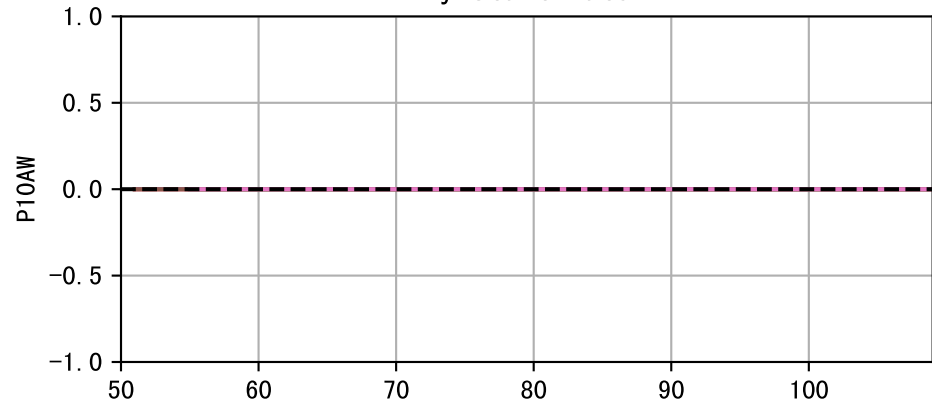




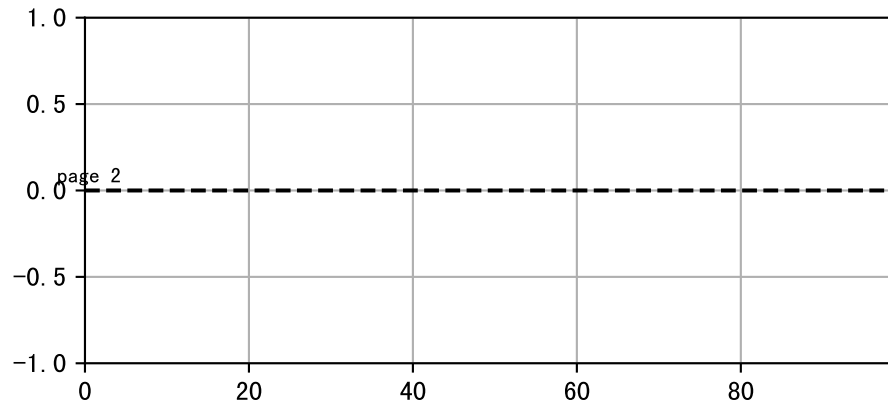
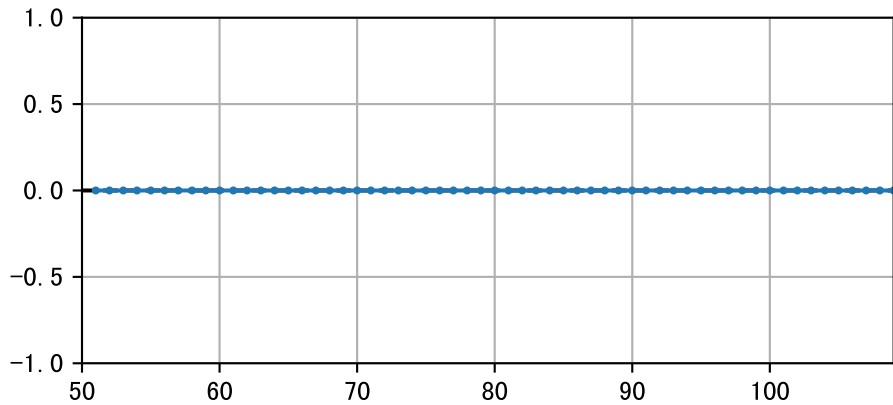
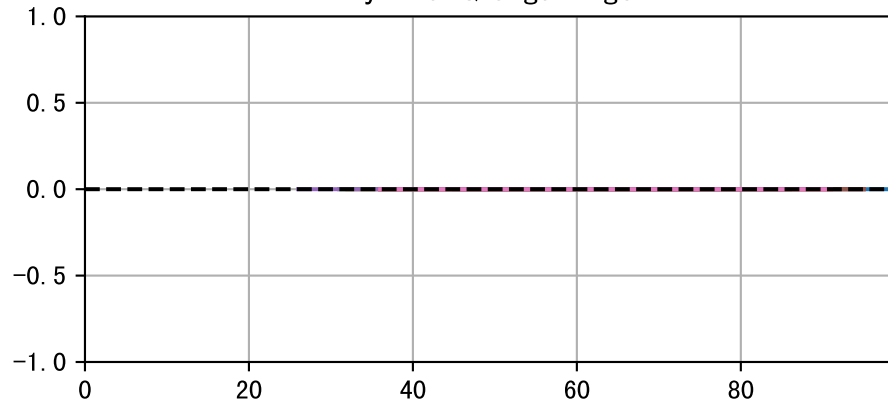


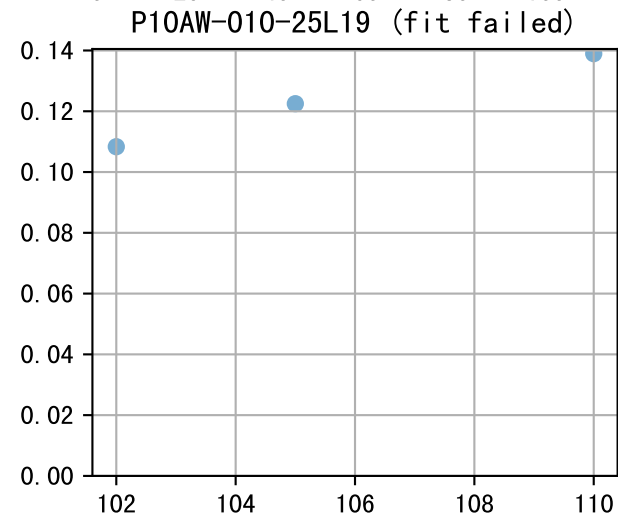
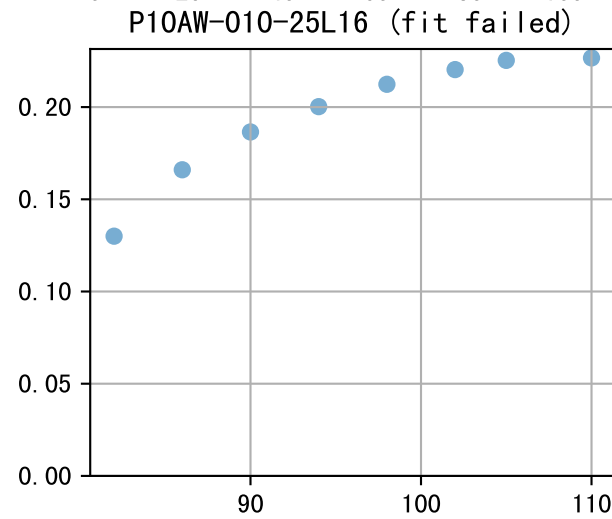
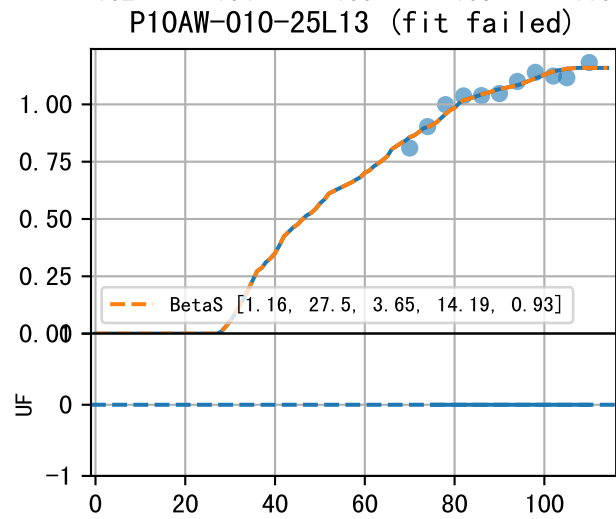
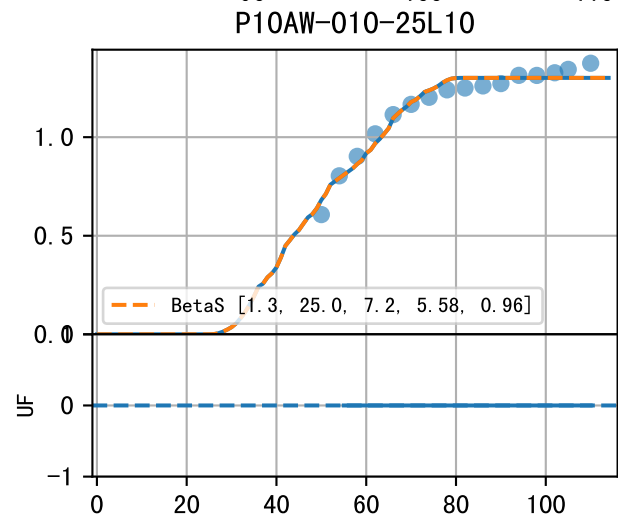
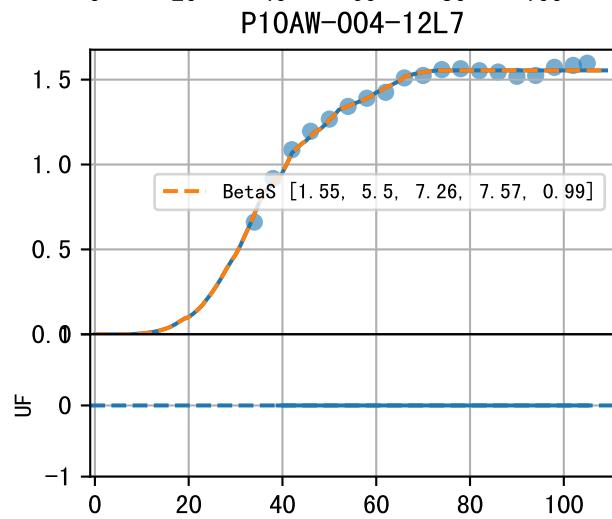
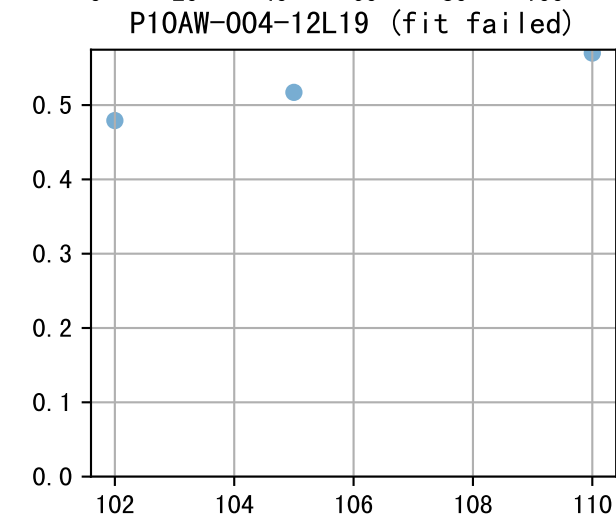
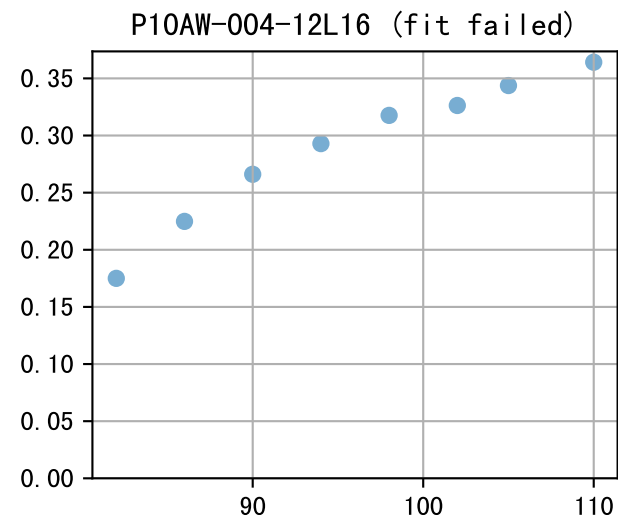
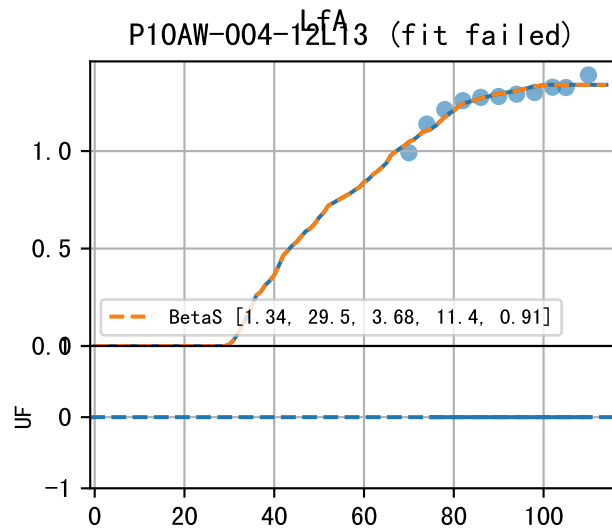
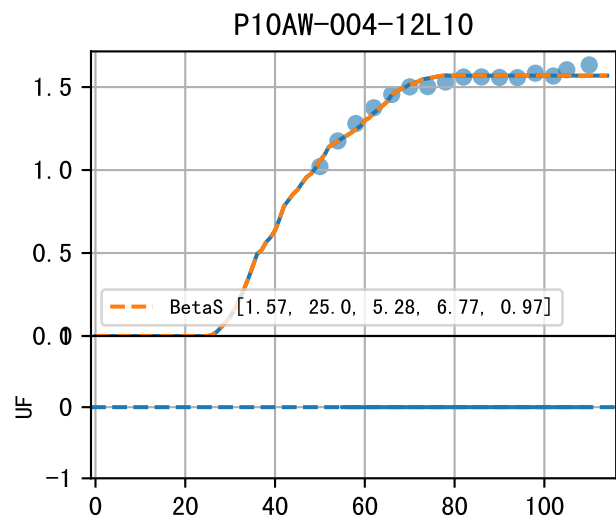


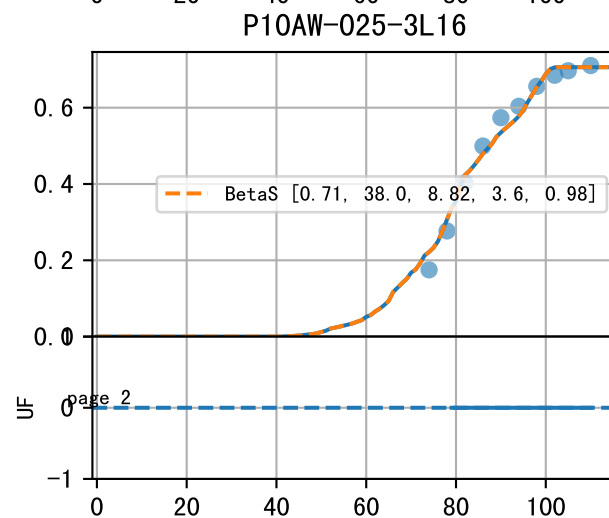
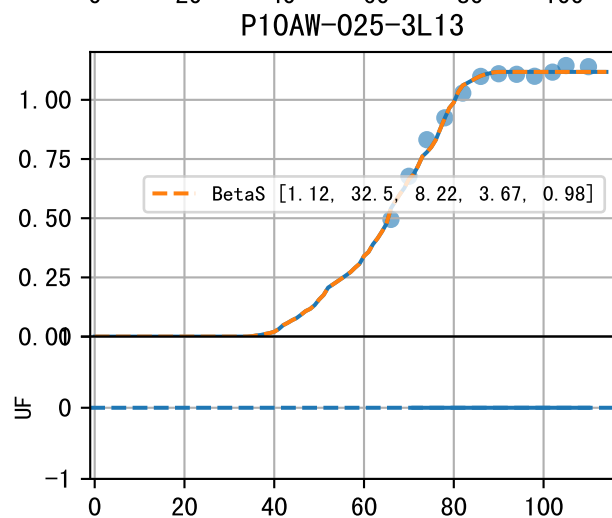
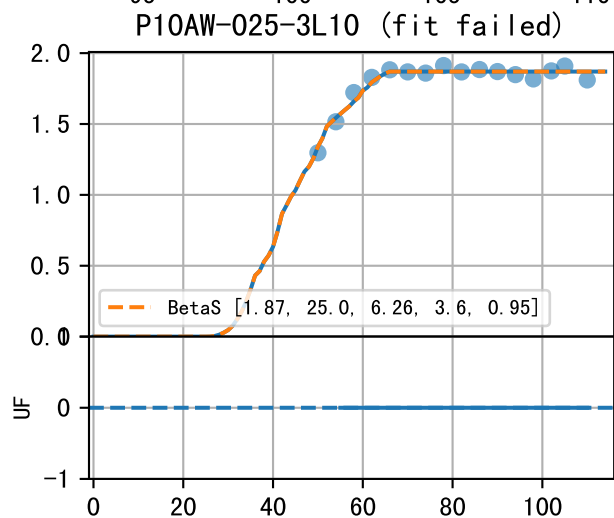
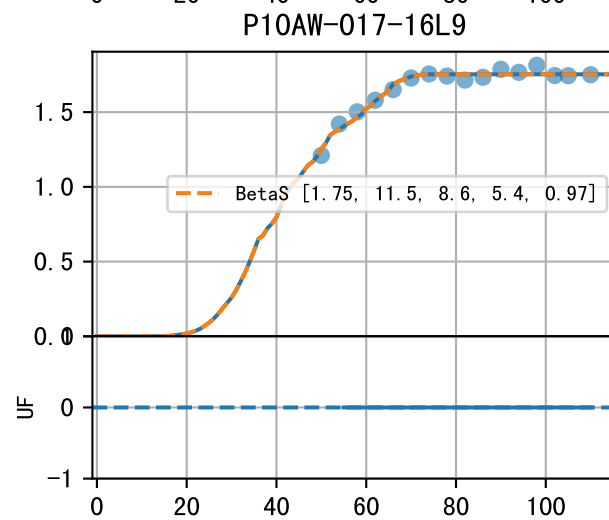
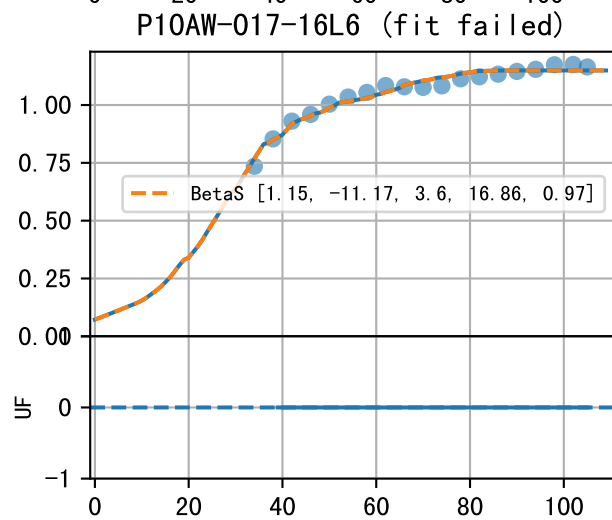
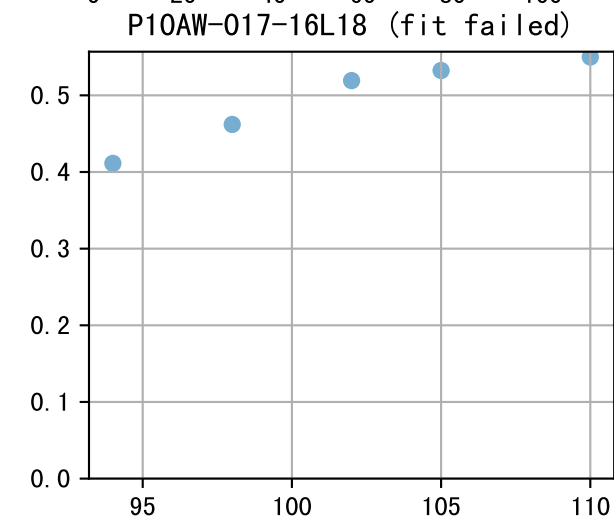
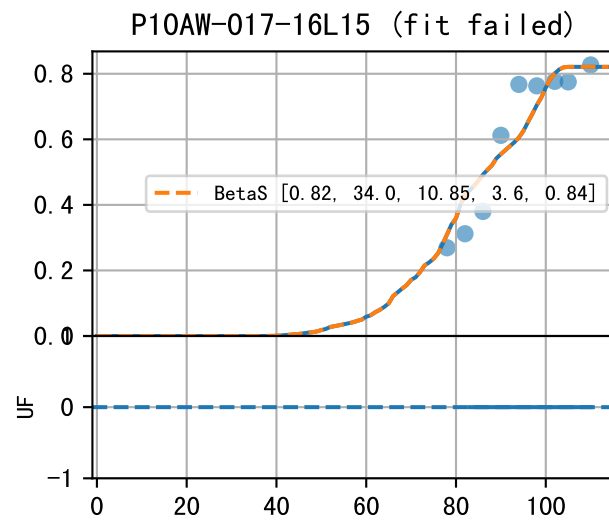
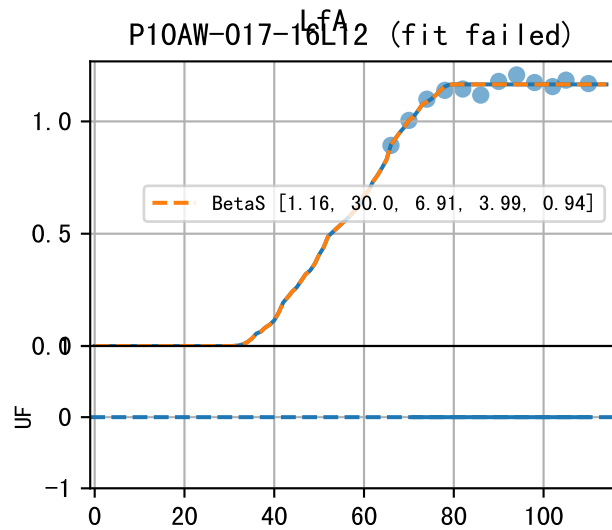
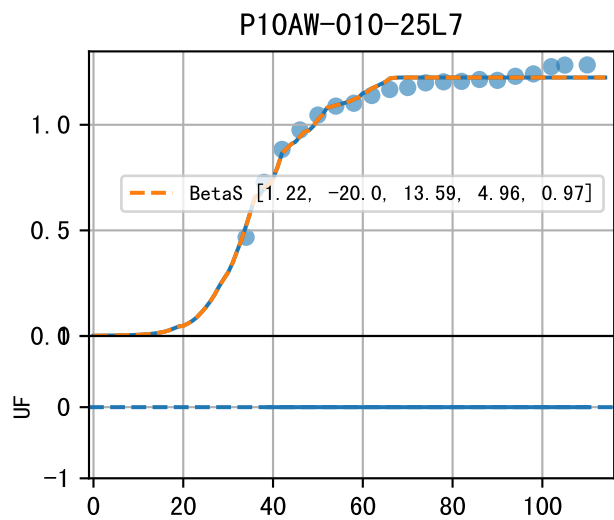
By Start Date



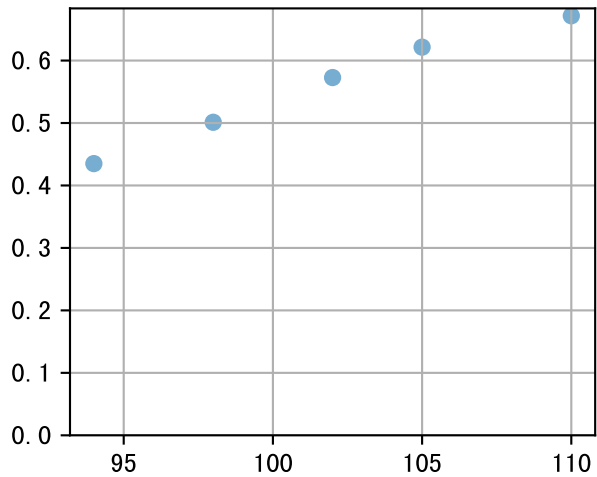
By Plant/Organ Age



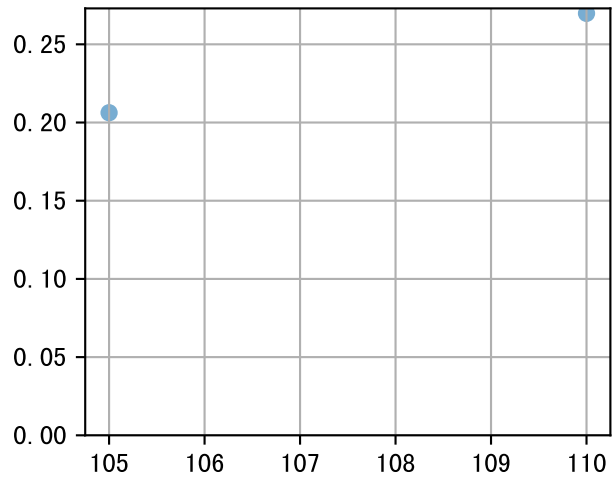




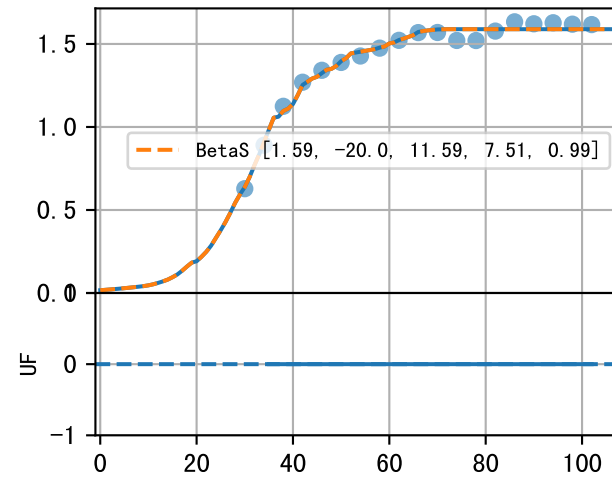
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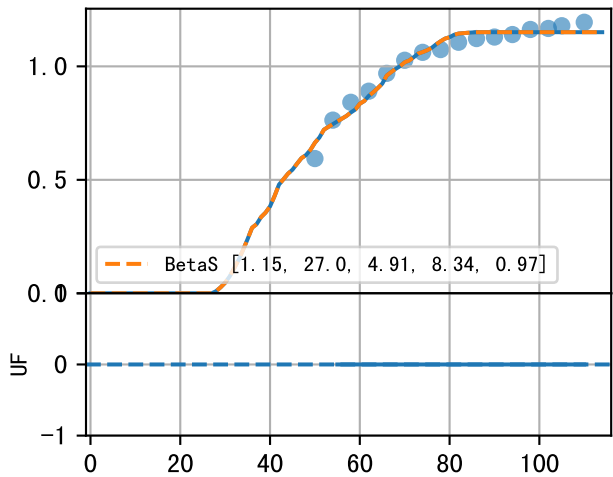
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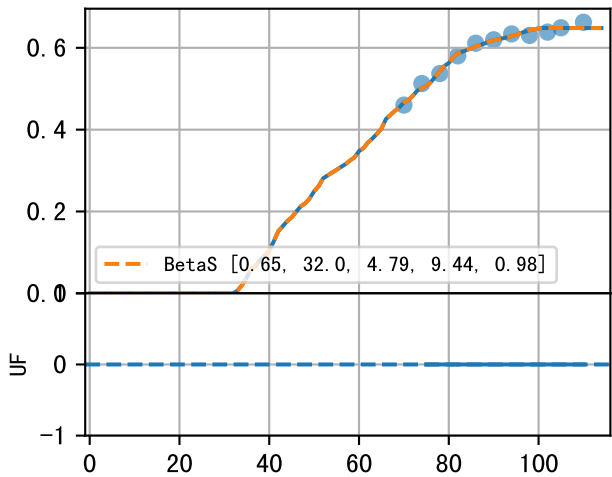
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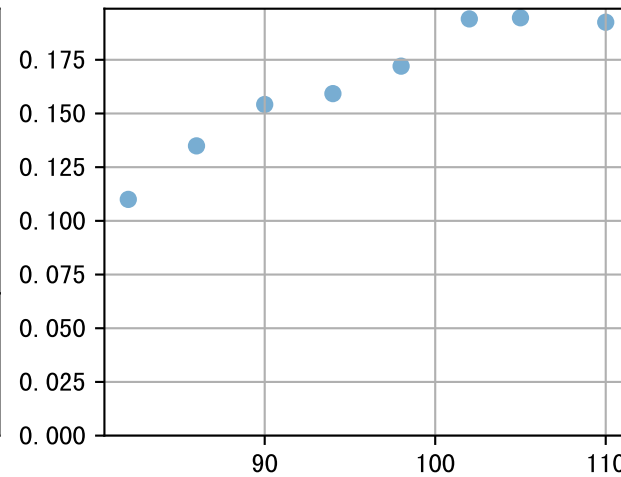
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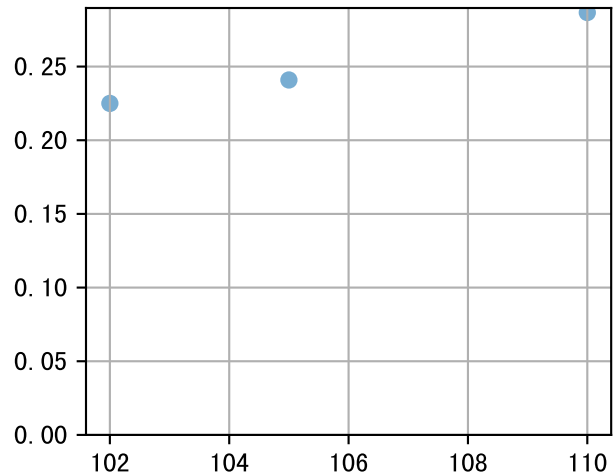
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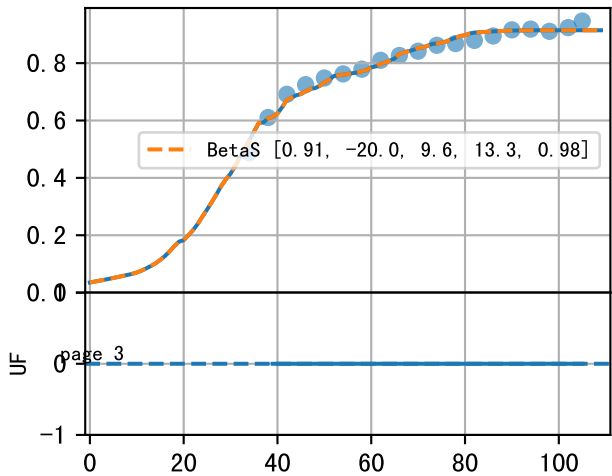
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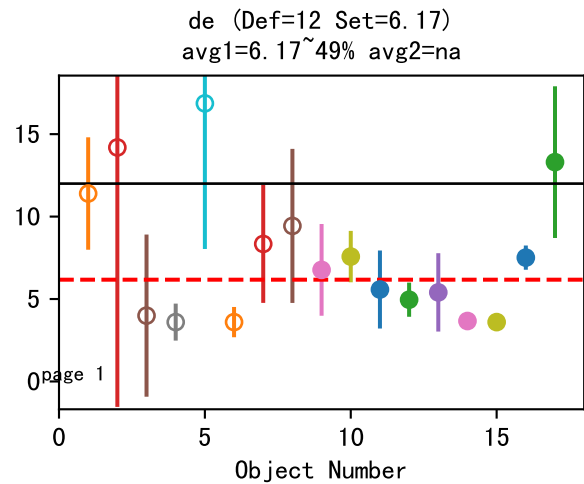
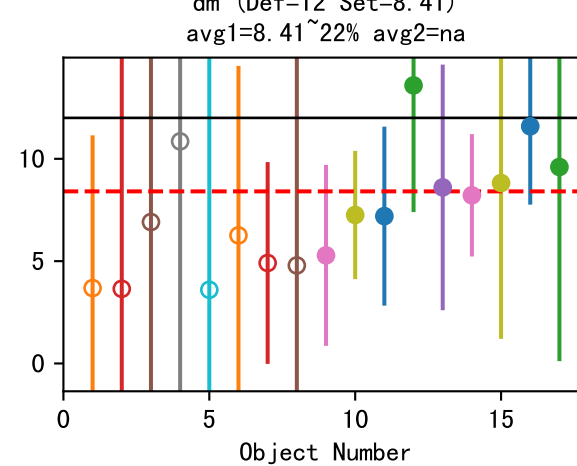
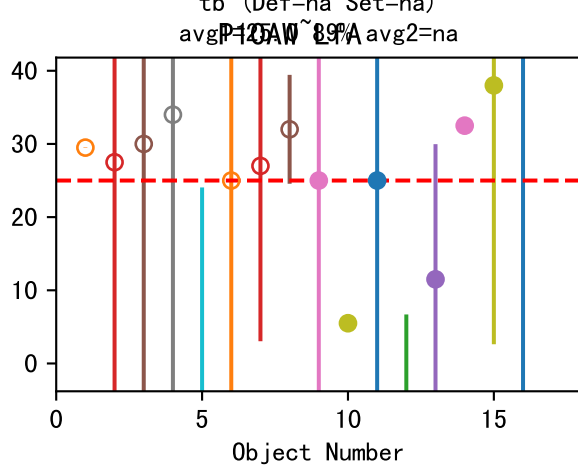
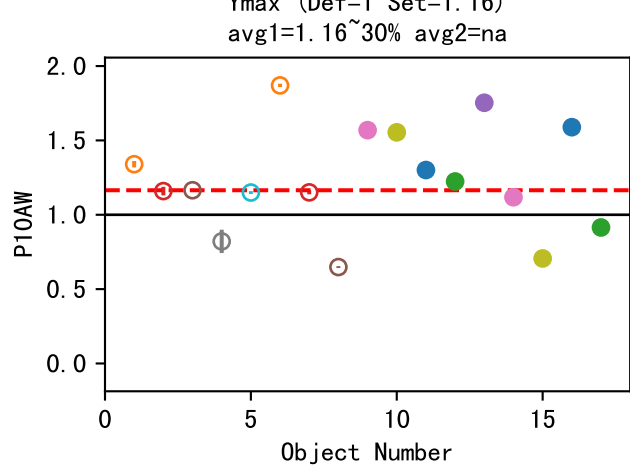


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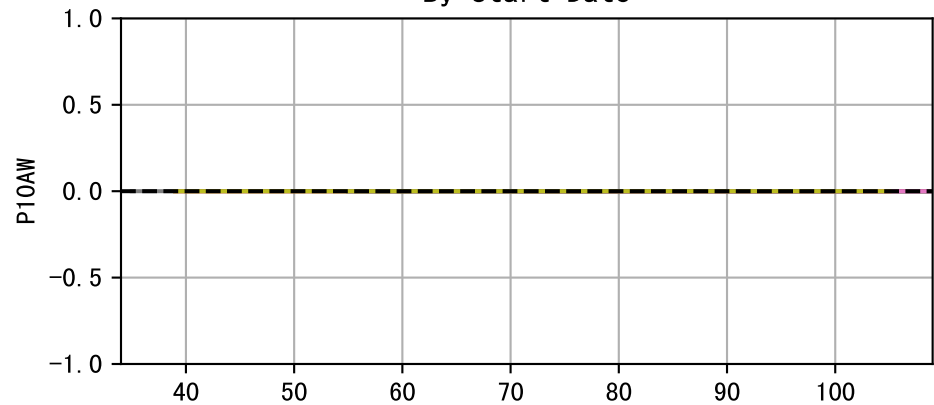


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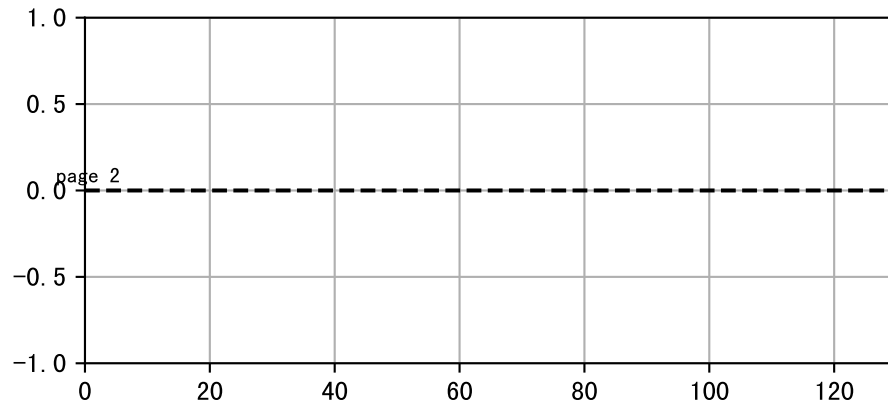
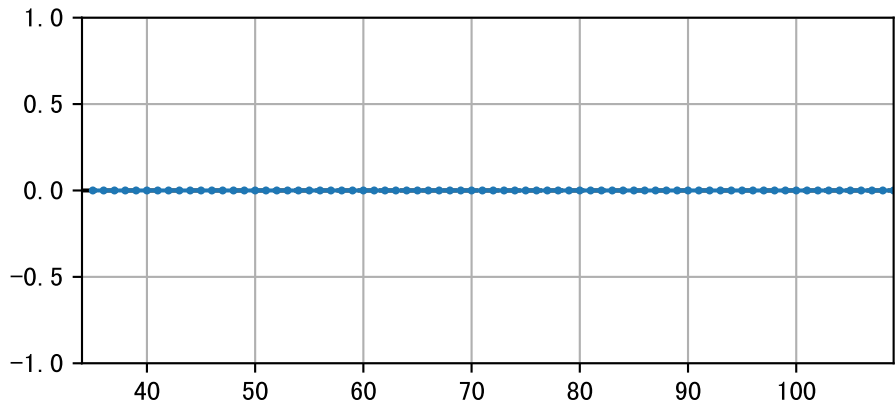
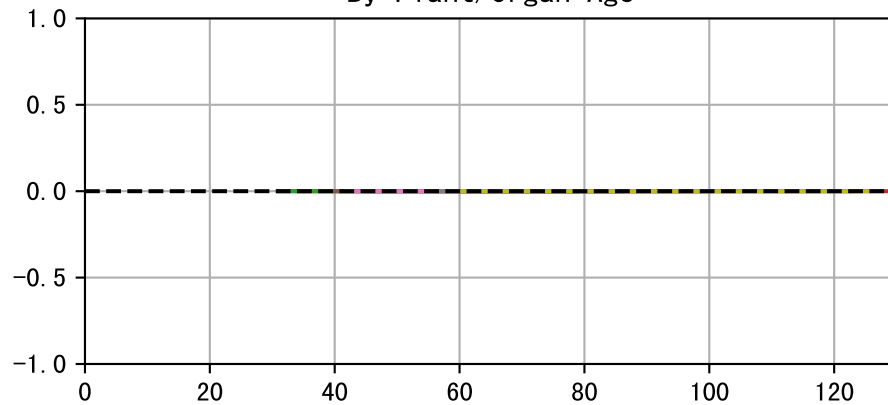


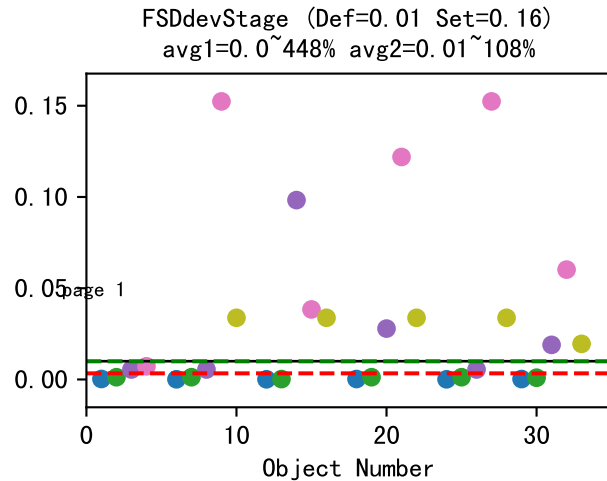
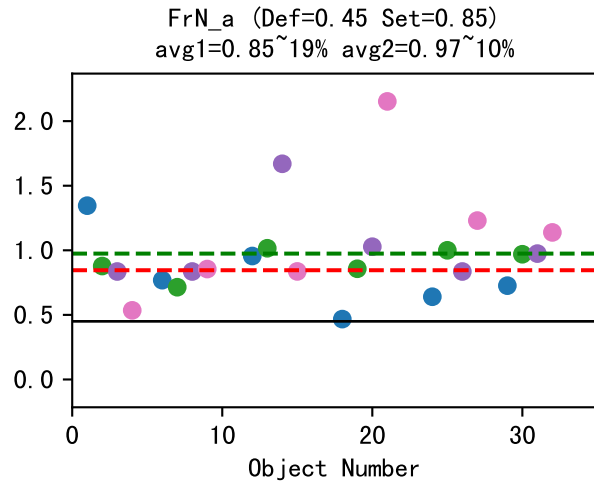
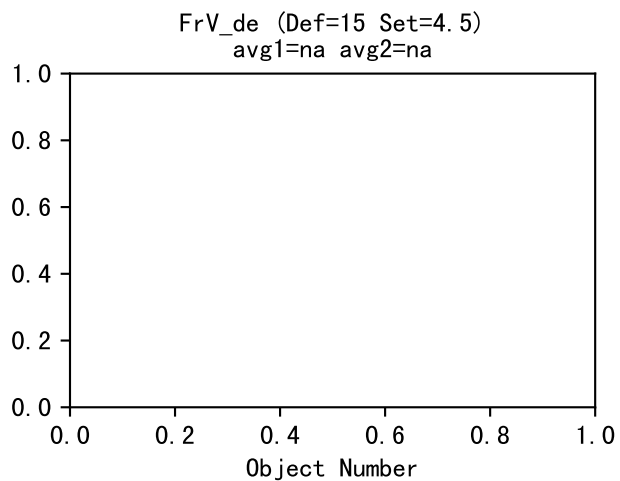
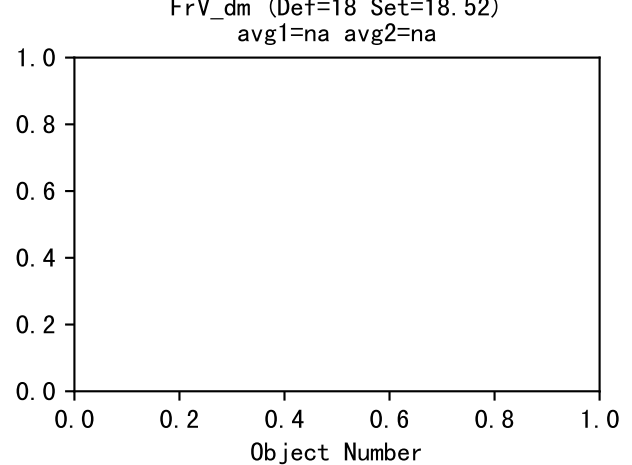
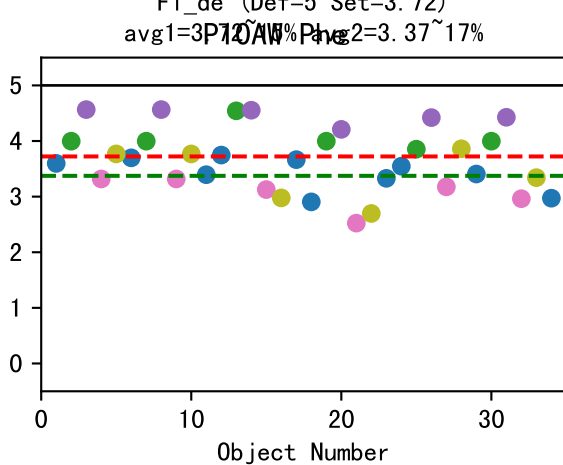
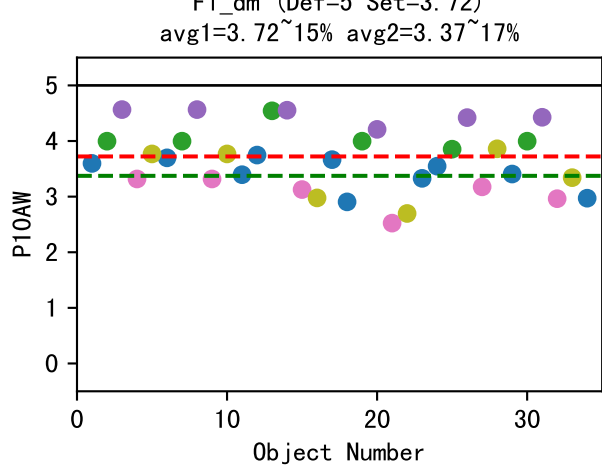


By Start Date

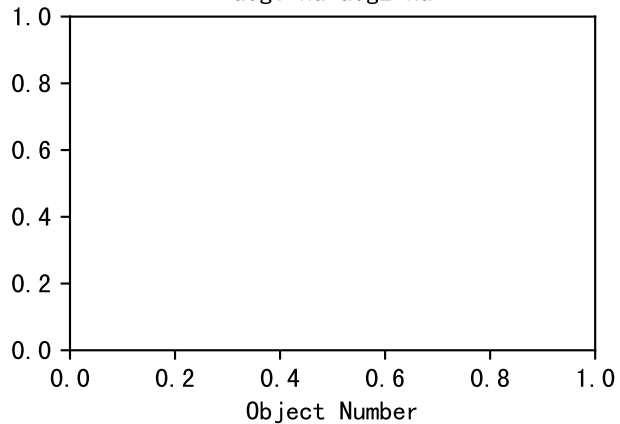


By Plant/Organ Age

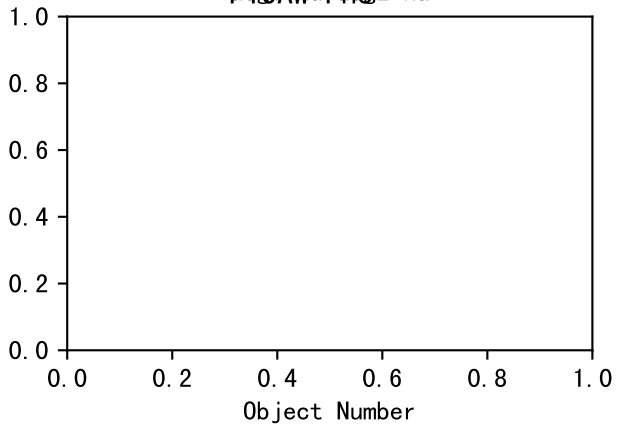




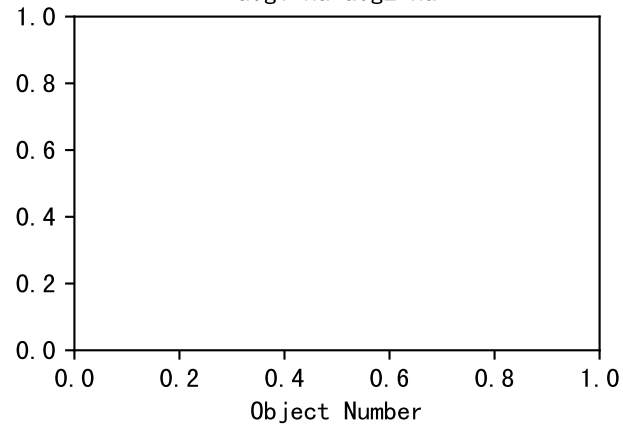
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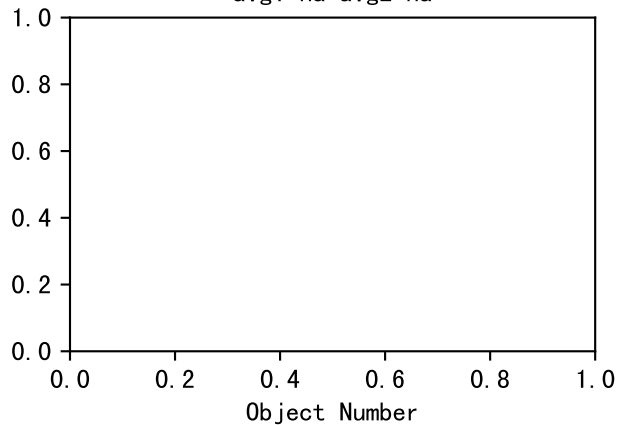
FMBDdevStage (Def=1.3 Set=1.3)  
avg1=na avg2=na



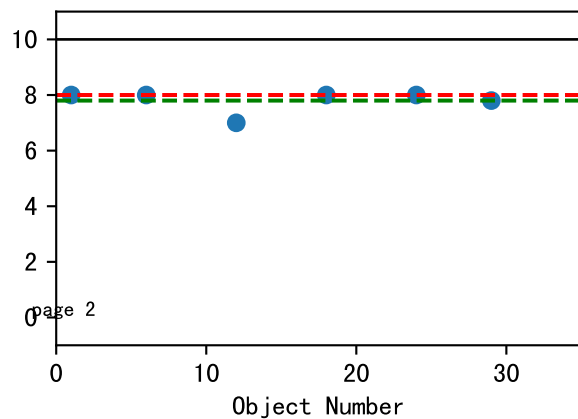
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avg1=na avg2=na



FHDdevStage (Def=1.5 Set=1.5)  
avg1=na avg2=na

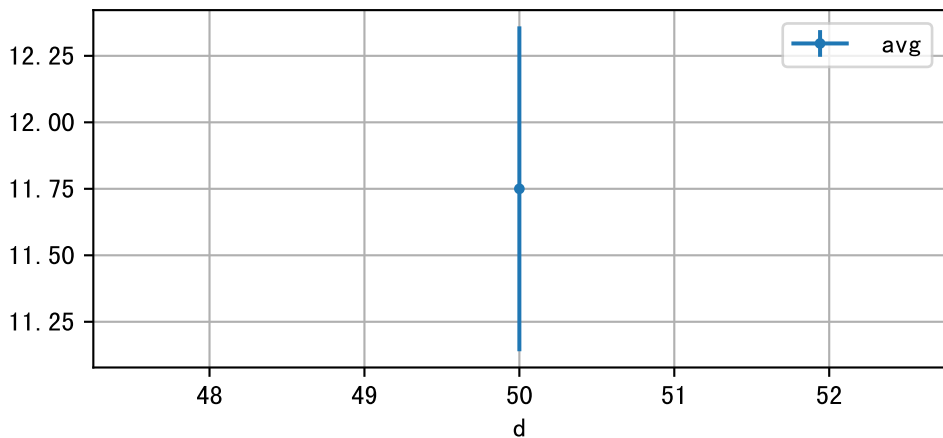


NNgen (Def=10 Set=8)  
avg1=8.0~0% avg2=7.8

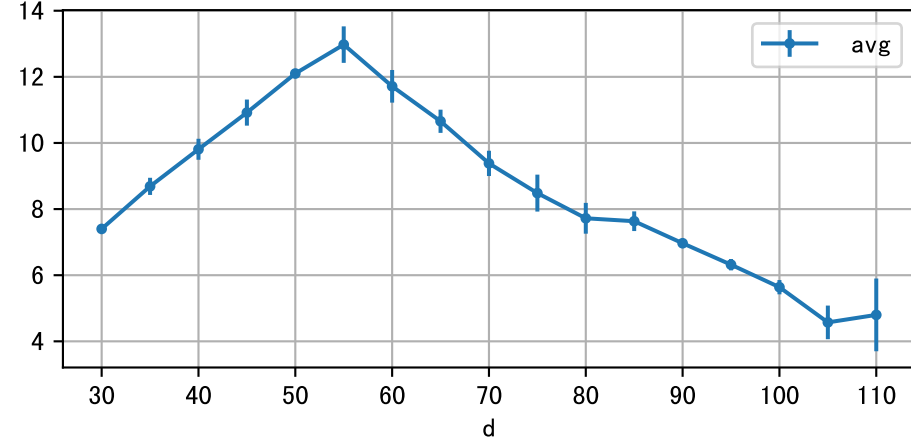


NdD: avg vs. d ateach age group

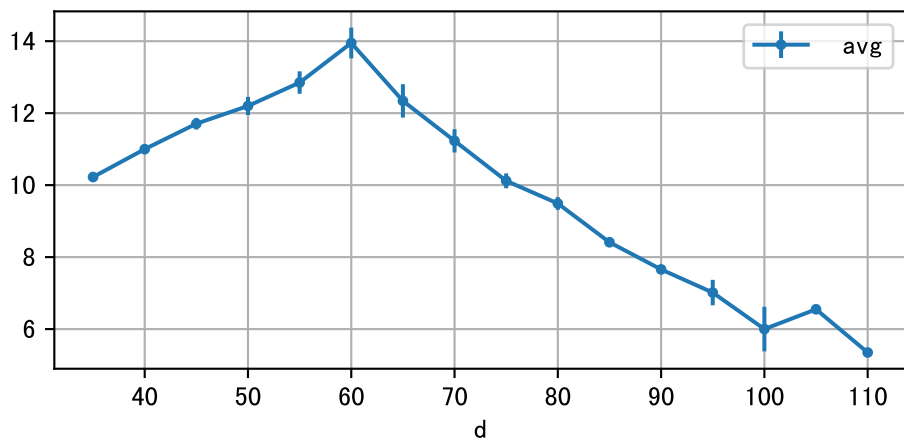
age=25



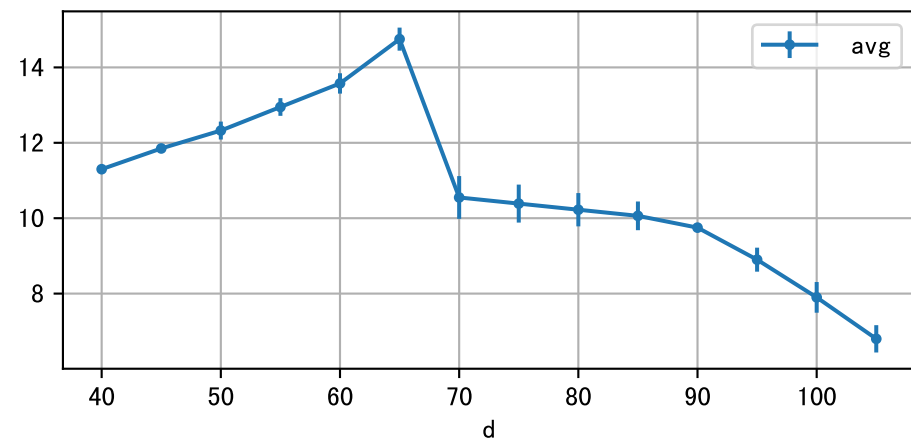
age=30



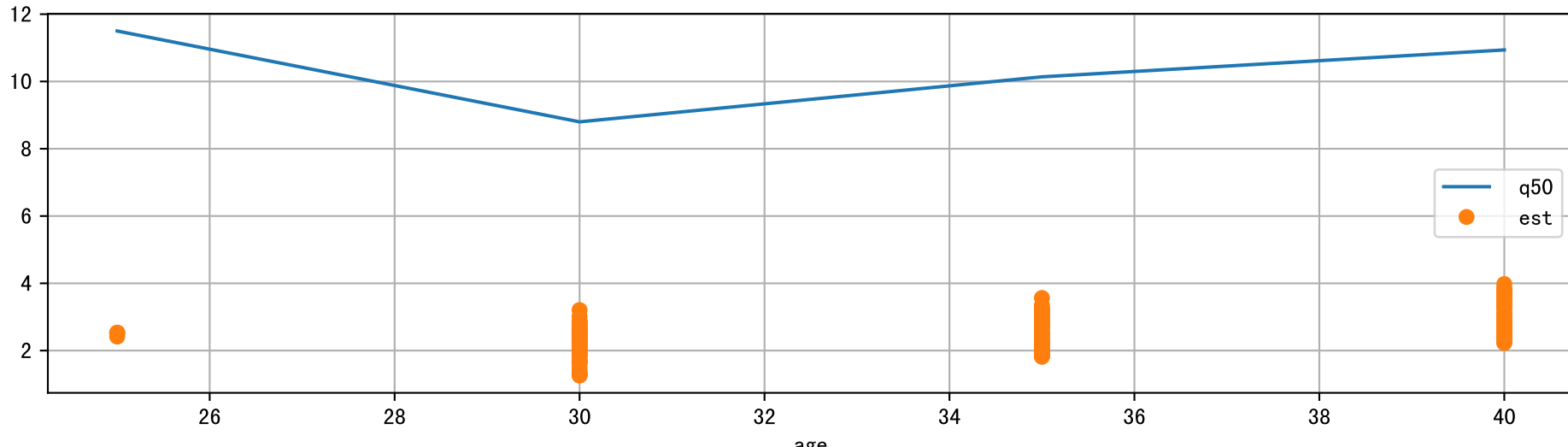
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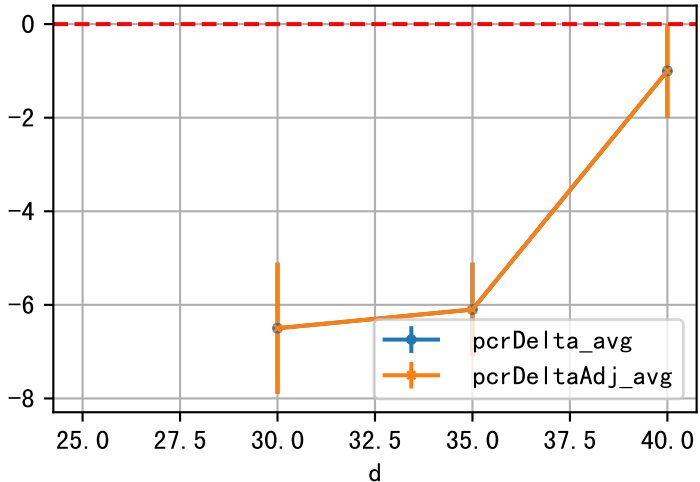
age=40



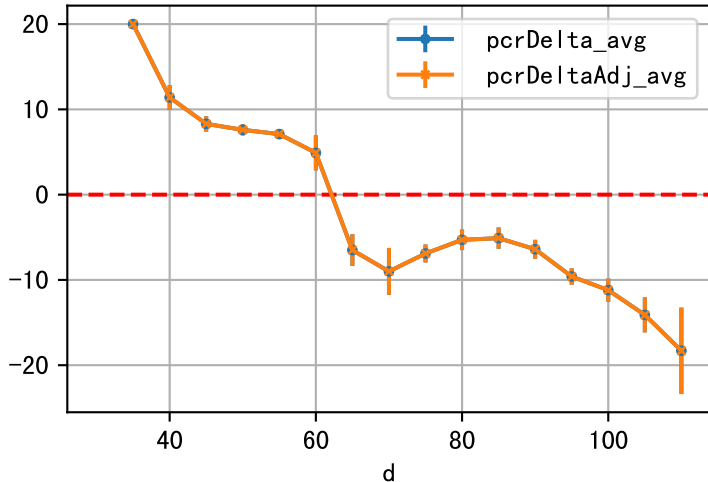
NdD: model est vs obs0v@Q50



DeltaTypeAbbr=GrpByAge

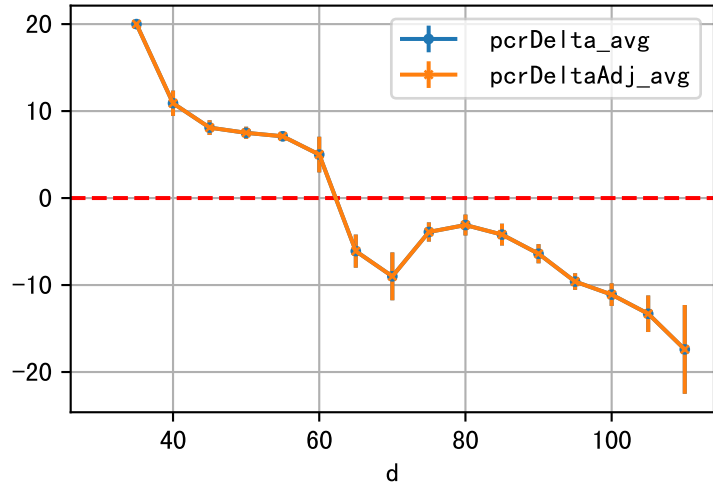


DeltaTypeAbbr=GrpByDay

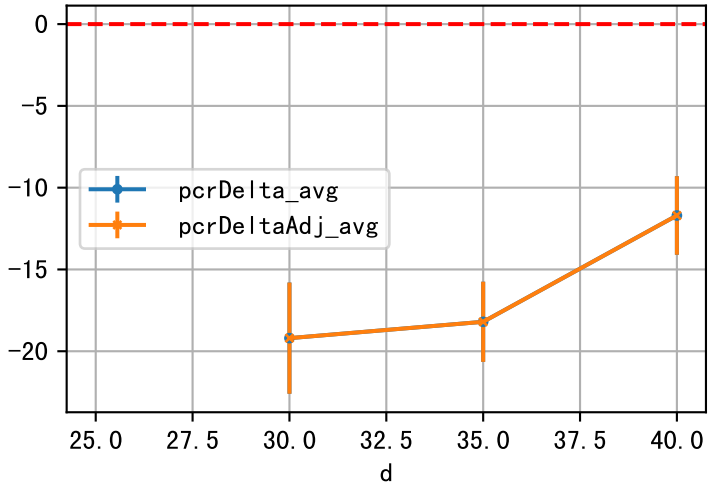


page 3

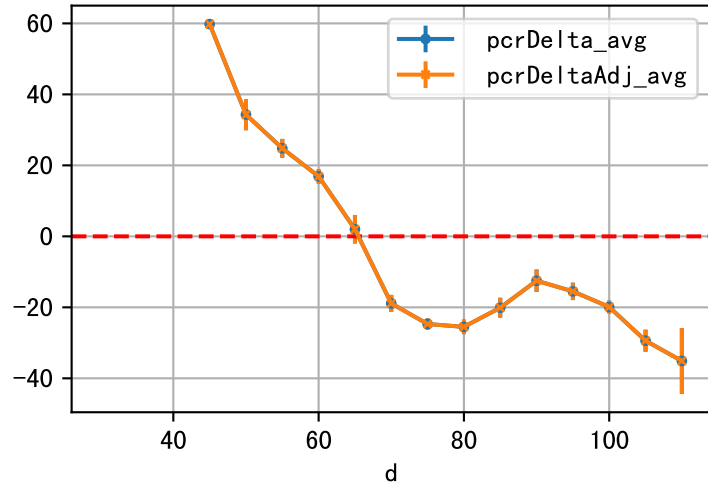
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

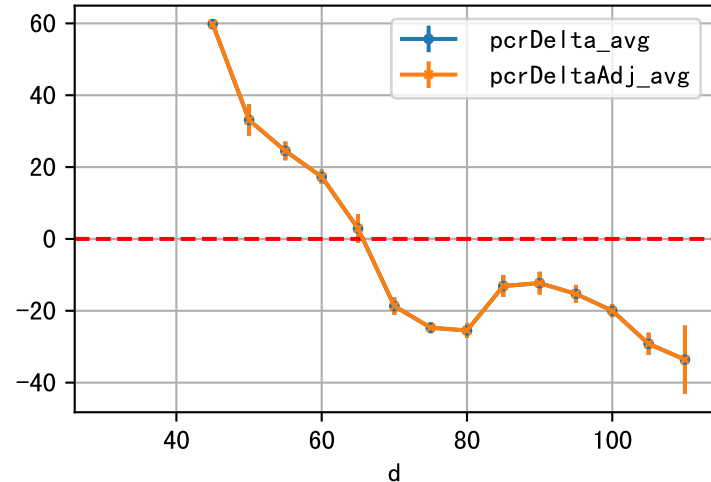


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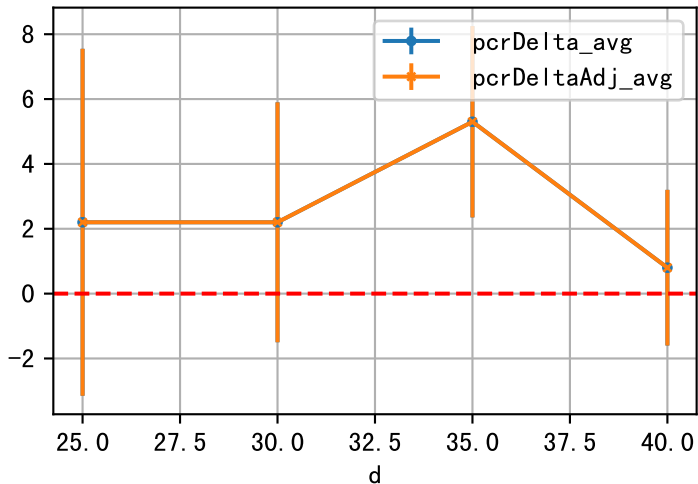


page 4

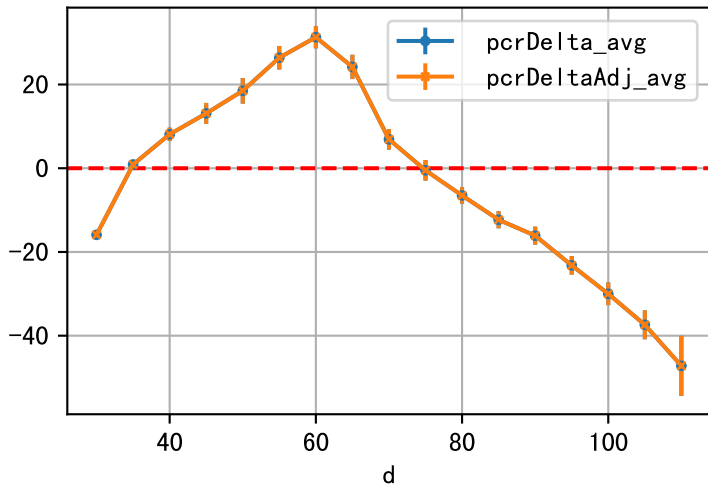
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

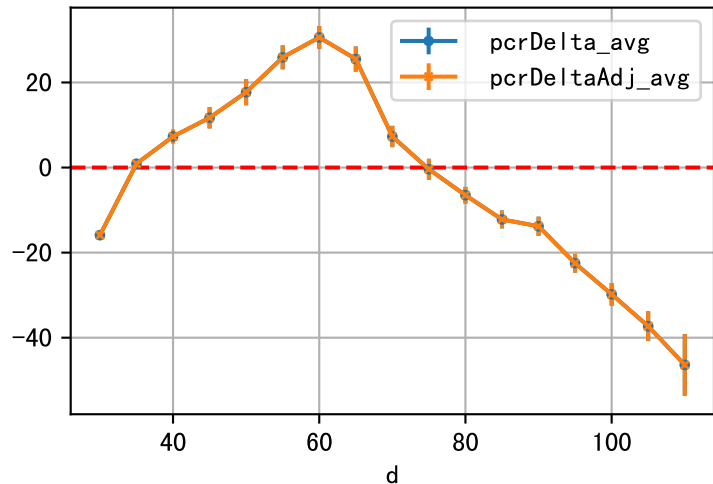


DeltaTypeAbbr=GrpByDay



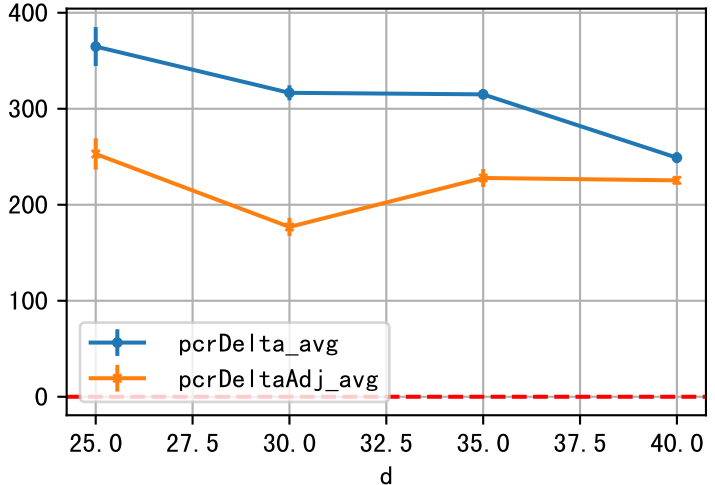
page 5

DeltaTypeAbbr=Wei AvgByD

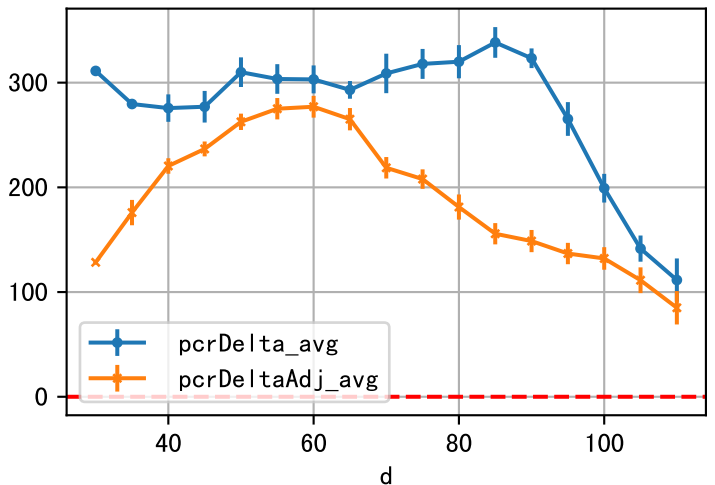


# P10AW NdD: D\_Est\_NdD

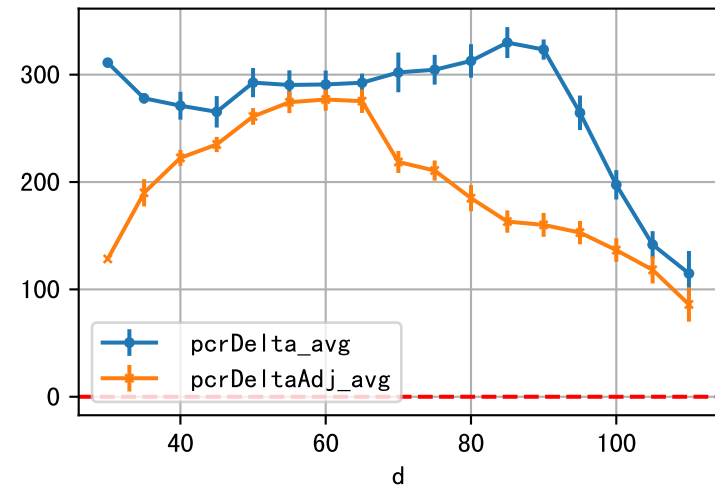
## DeltaTypeAbbr=GrpByAge



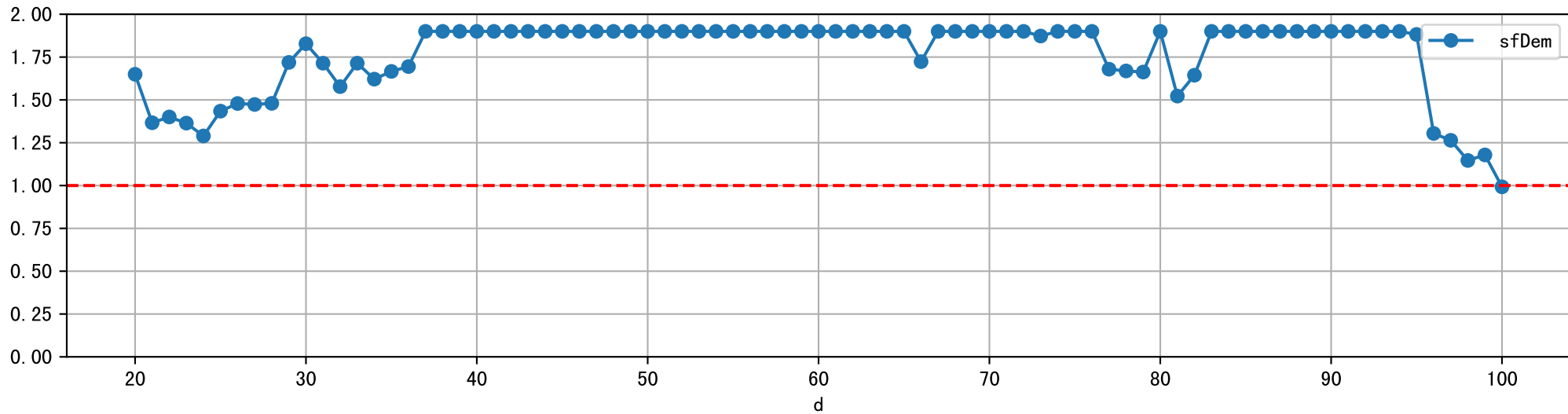
## DeltaTypeAbbr=GrpByDay

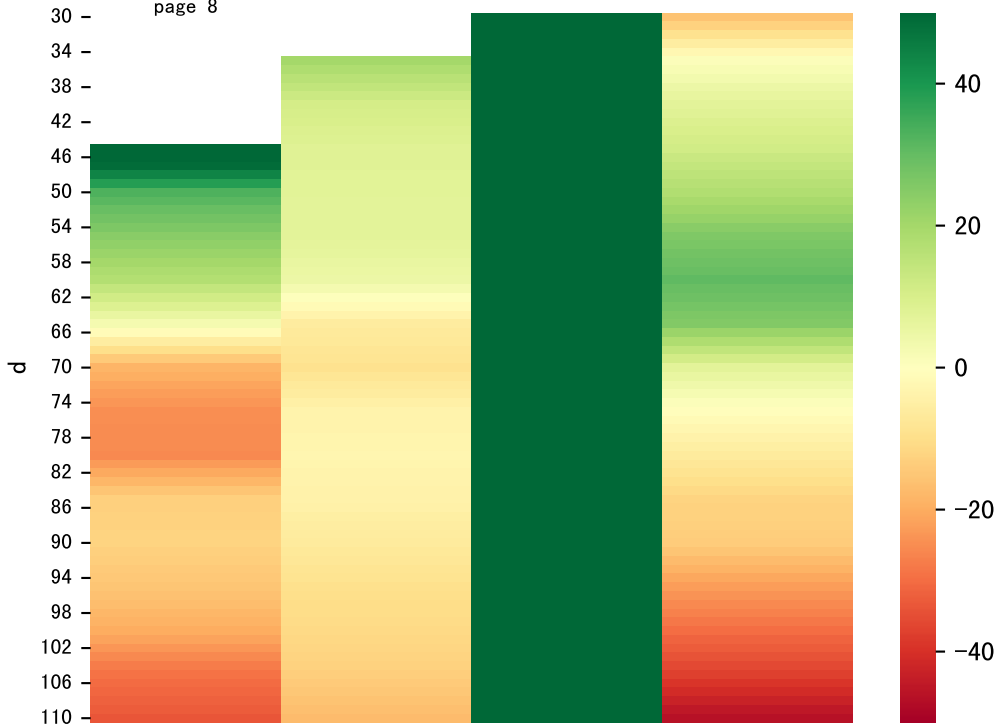


## DeltaTypeAbbr=Wei AvgByD

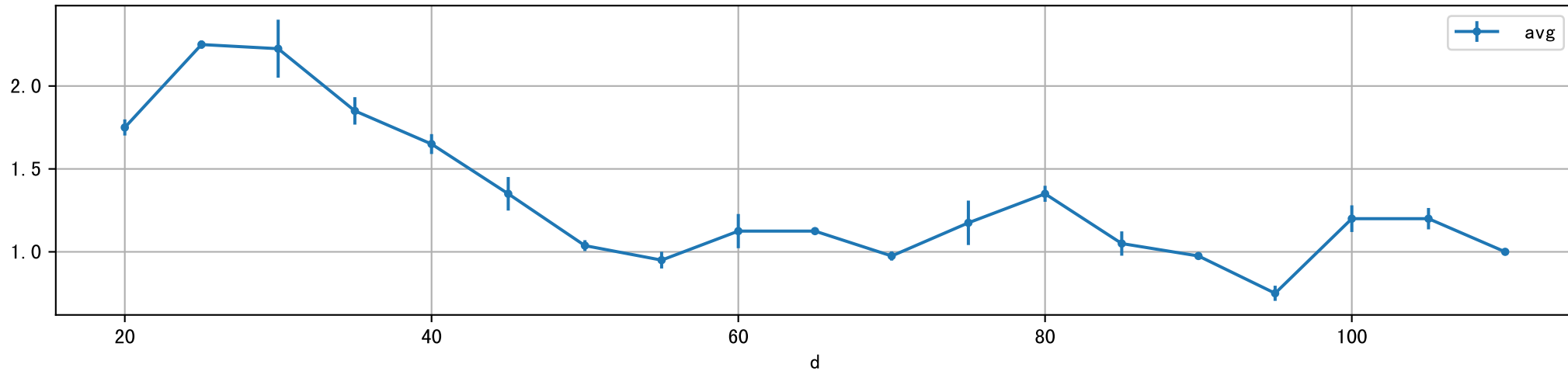


NdD: sfDem

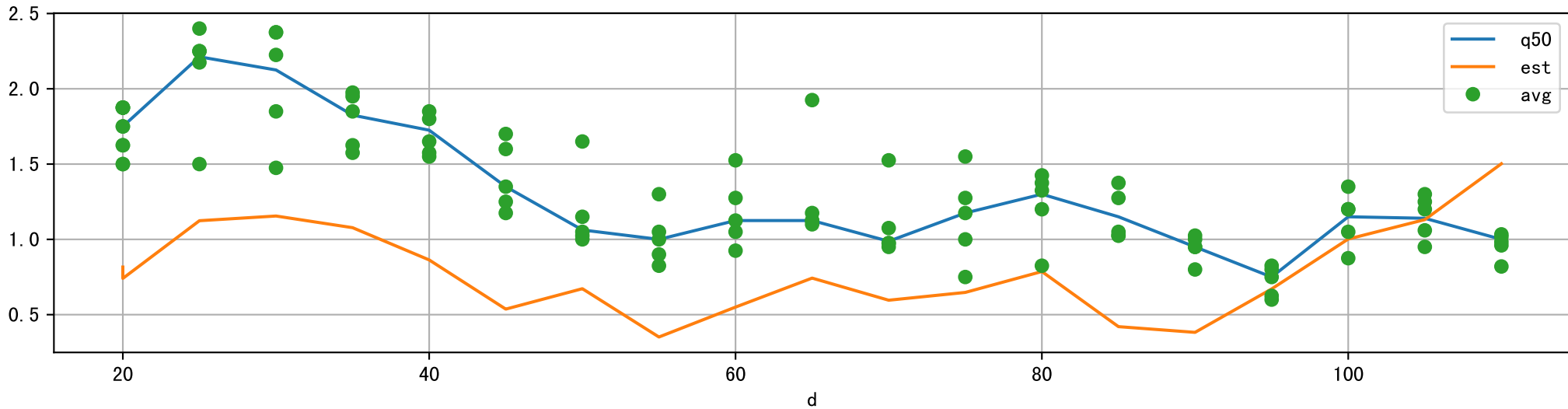




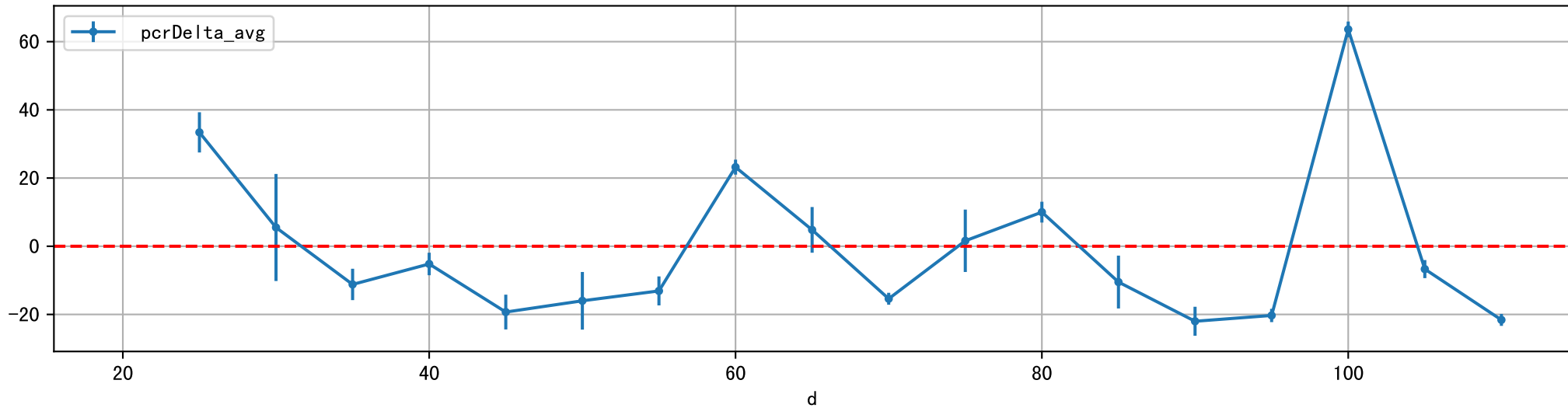
dStH: avg vs. d



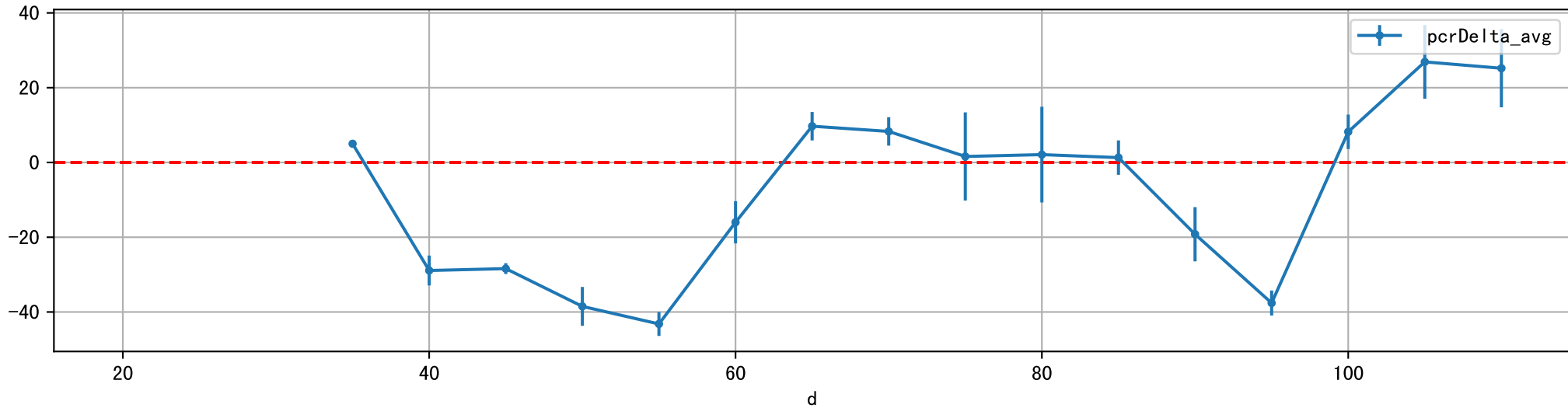
dStH: obsAvg vs obs0v@Q50



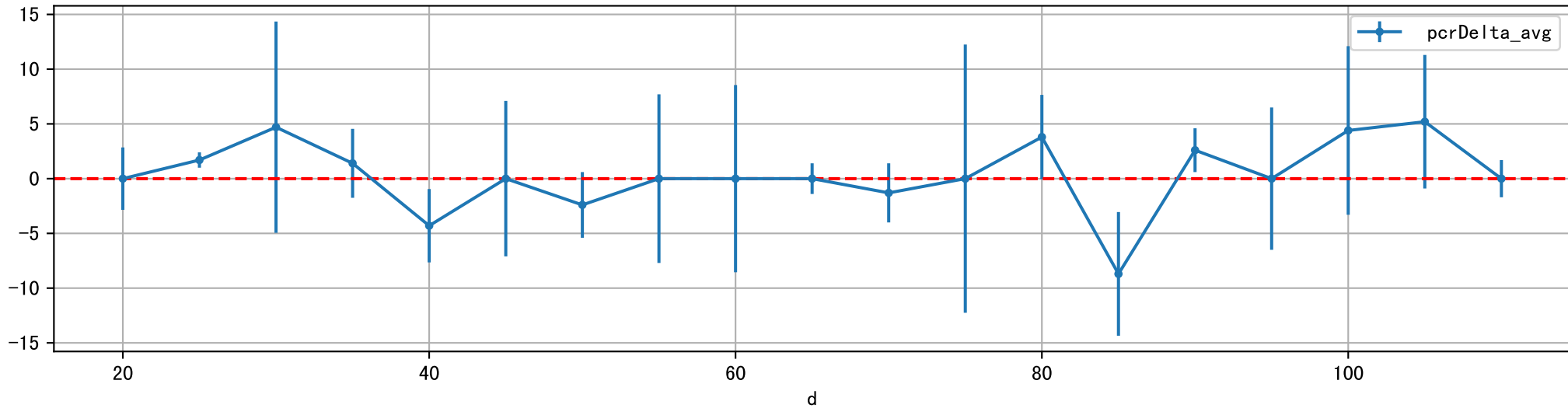
dStH: D\_5d\_StH



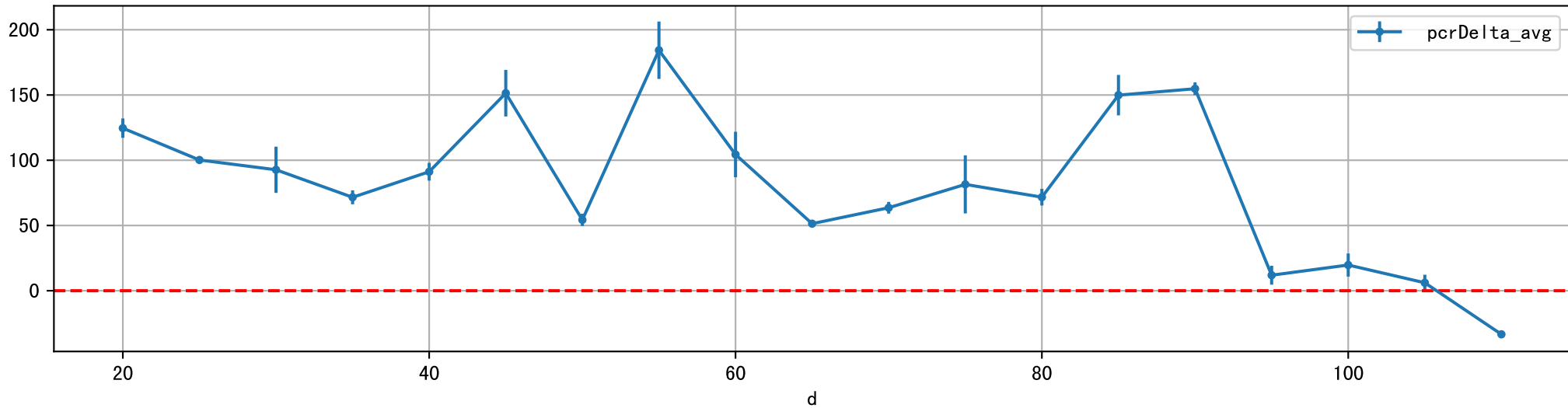
dStH: D\_15d\_StH



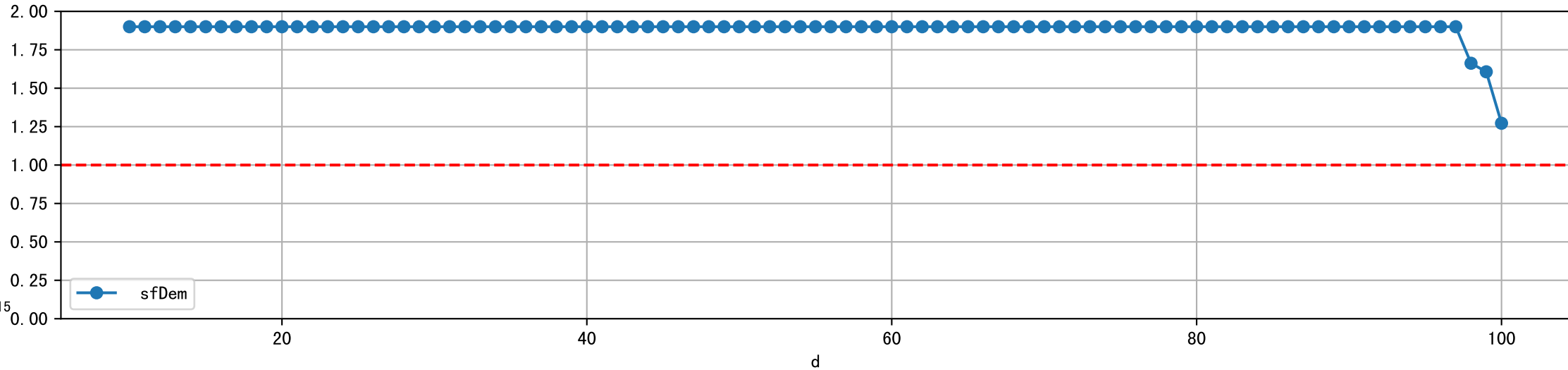
dStH: D\_Q50\_StH



dStH: D\_Est\_StH



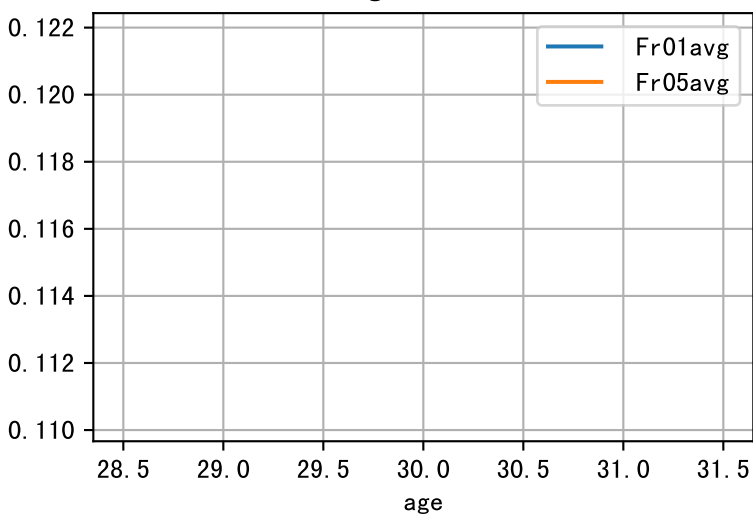
dStH: sfDem



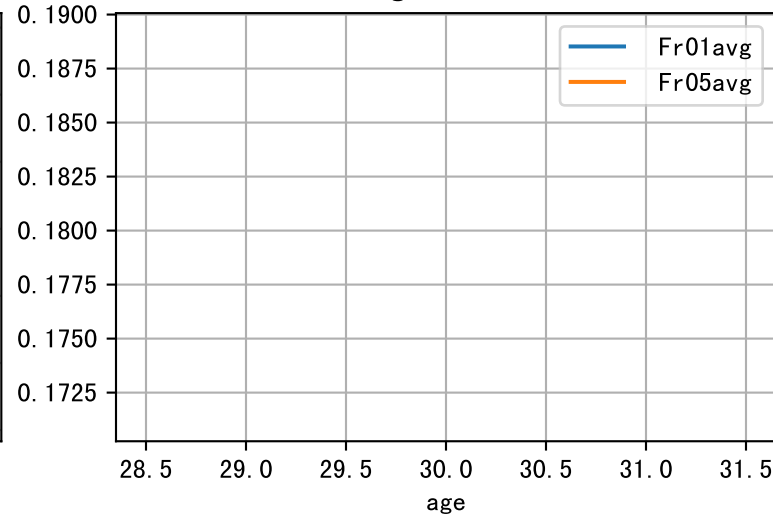


FrV: Fr01 vs Fr05 at each truss

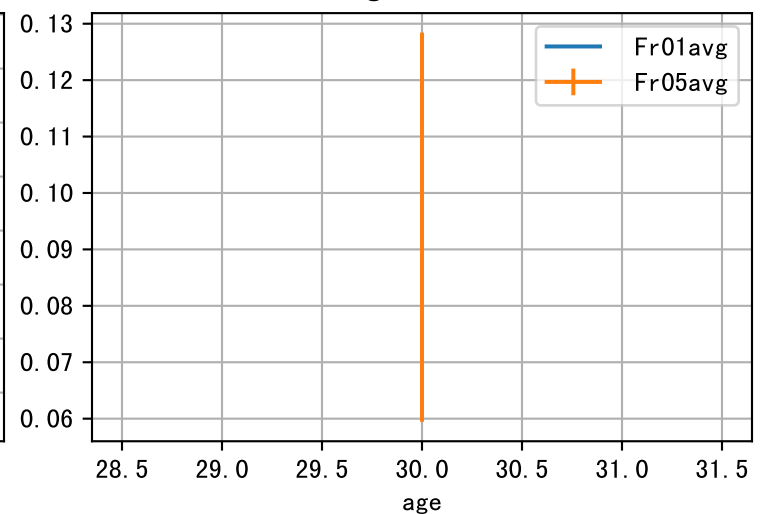
organID=T01



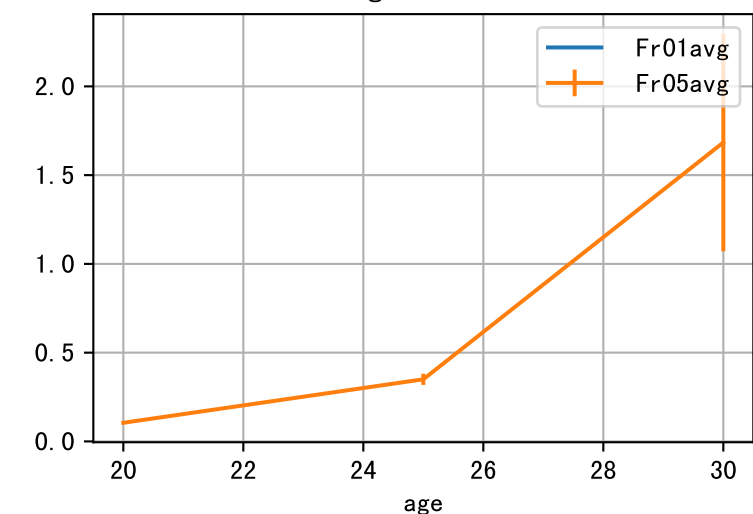
organID=T02



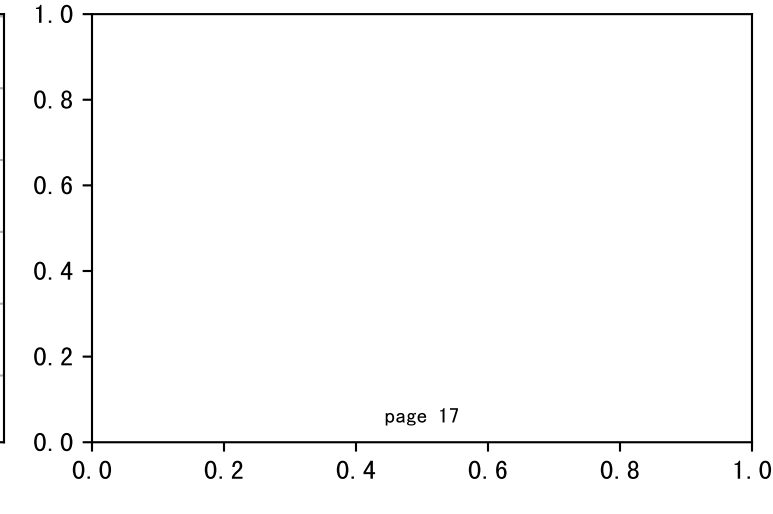
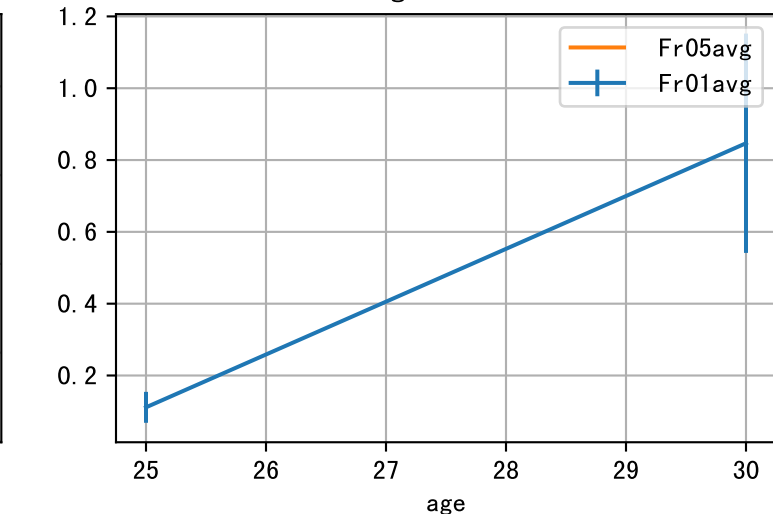
organID=T03



organID=T04

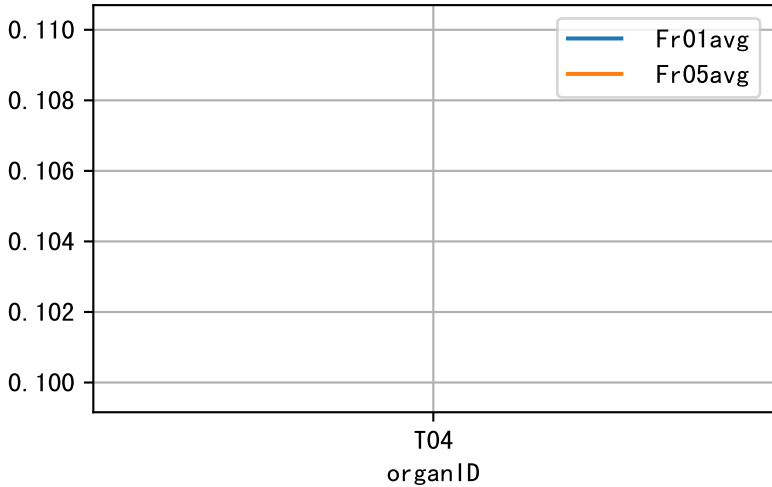


organID=T05

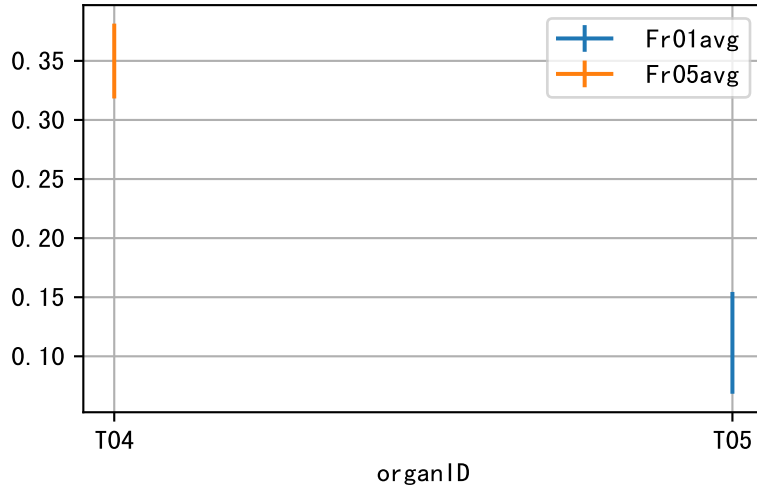


## FrV trend at each age

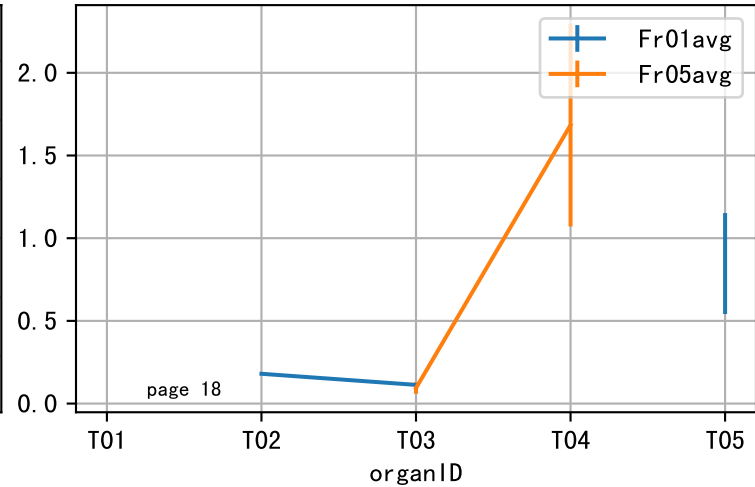
age=20



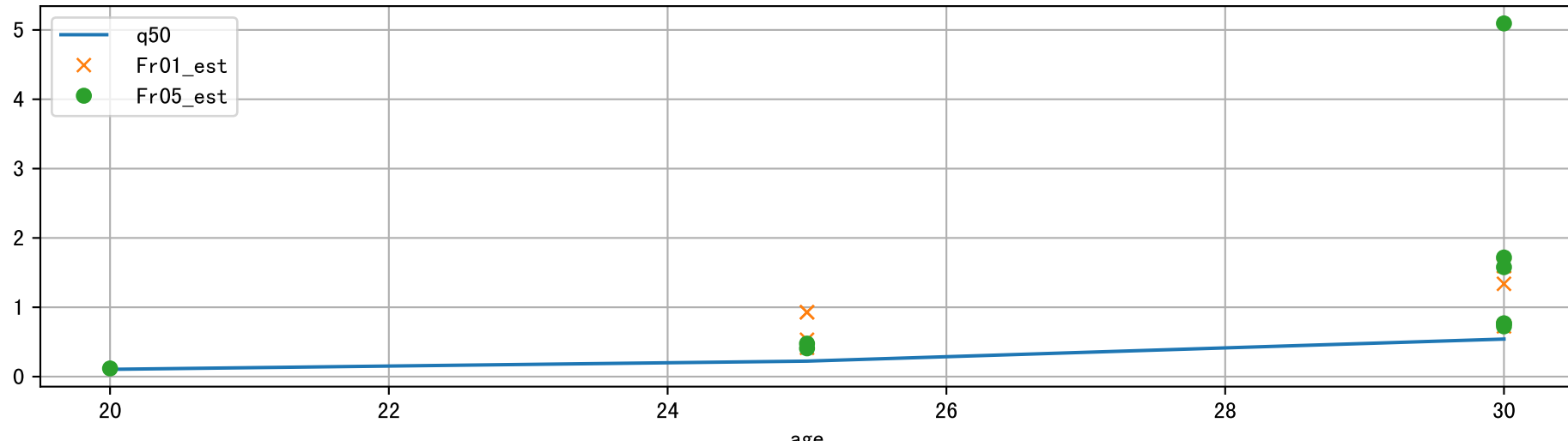
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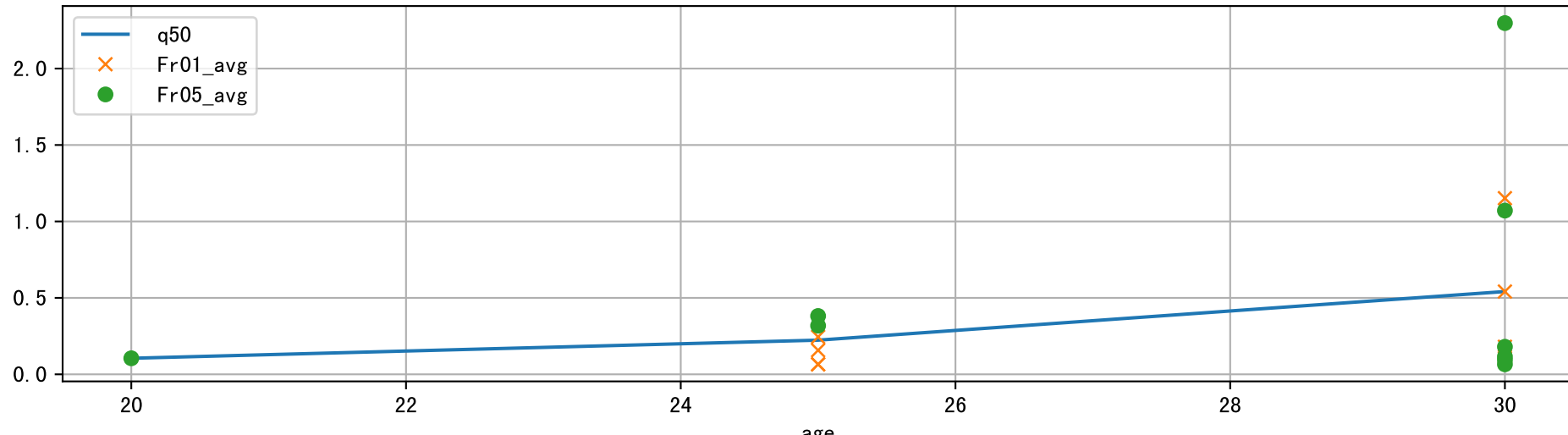
age=30



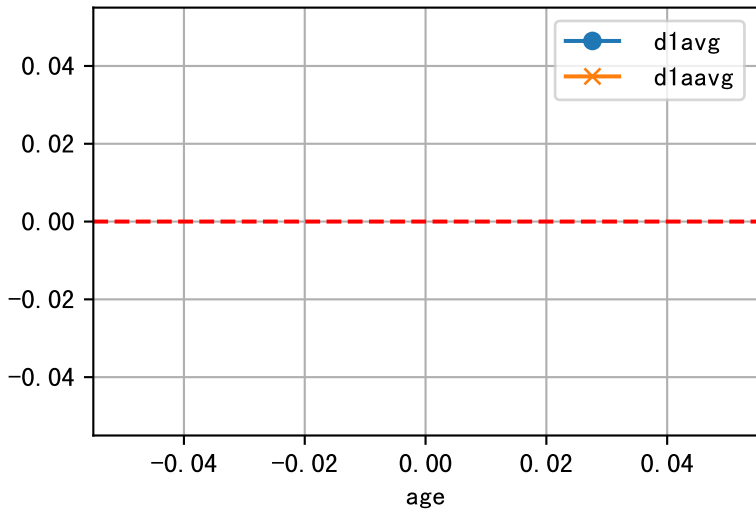
FrV: model Est vs obsFrV at Q90



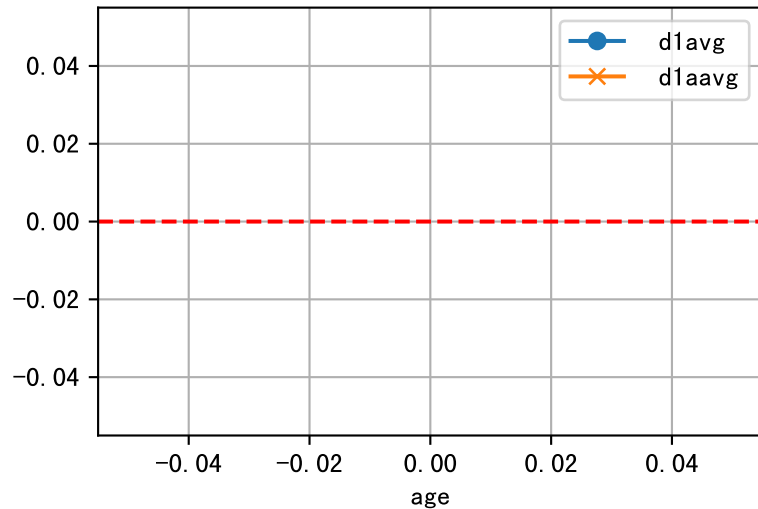
FrV: obsFrV vs obsFrV@Q90



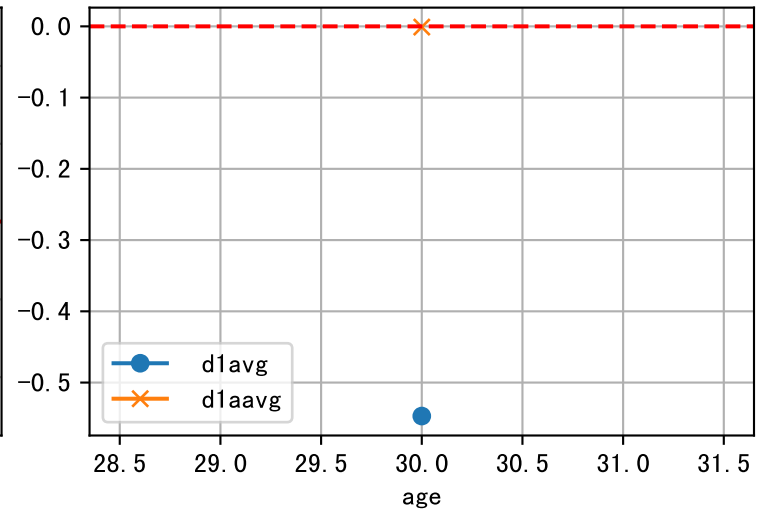
organID=1



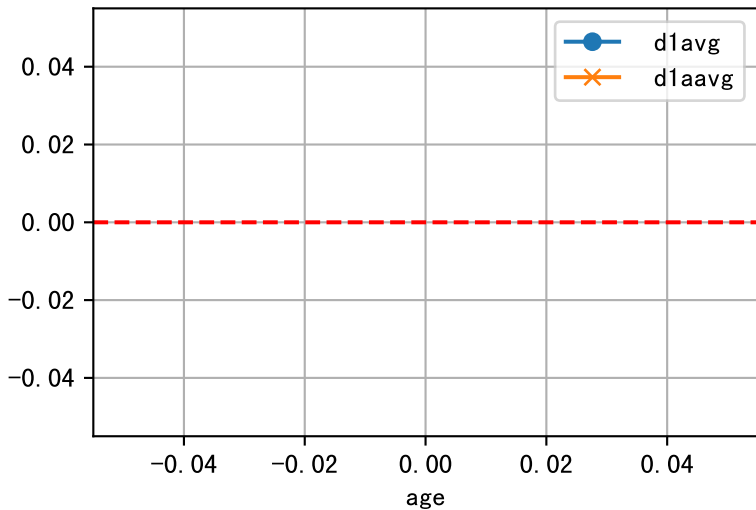
organID=2



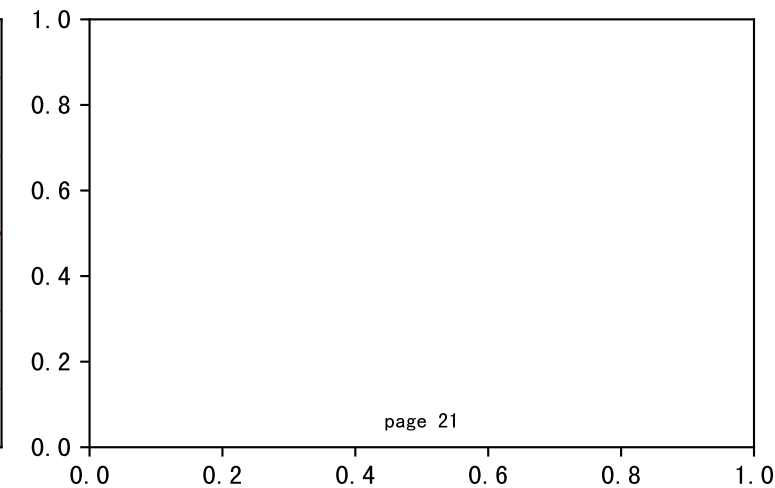
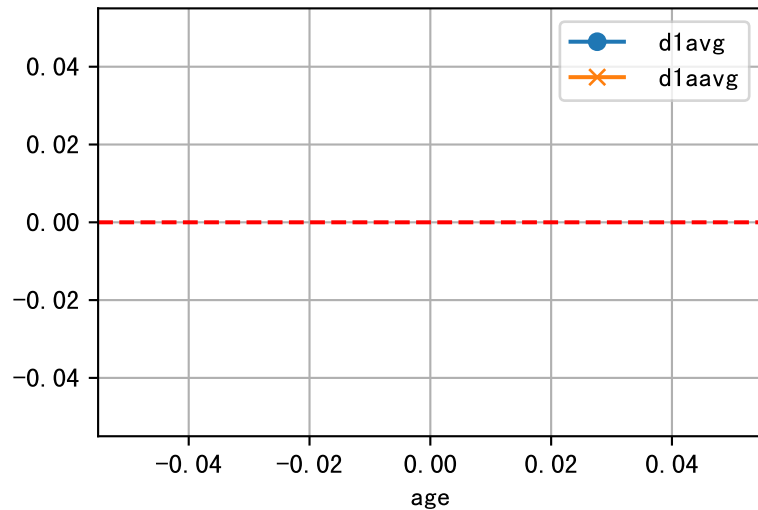
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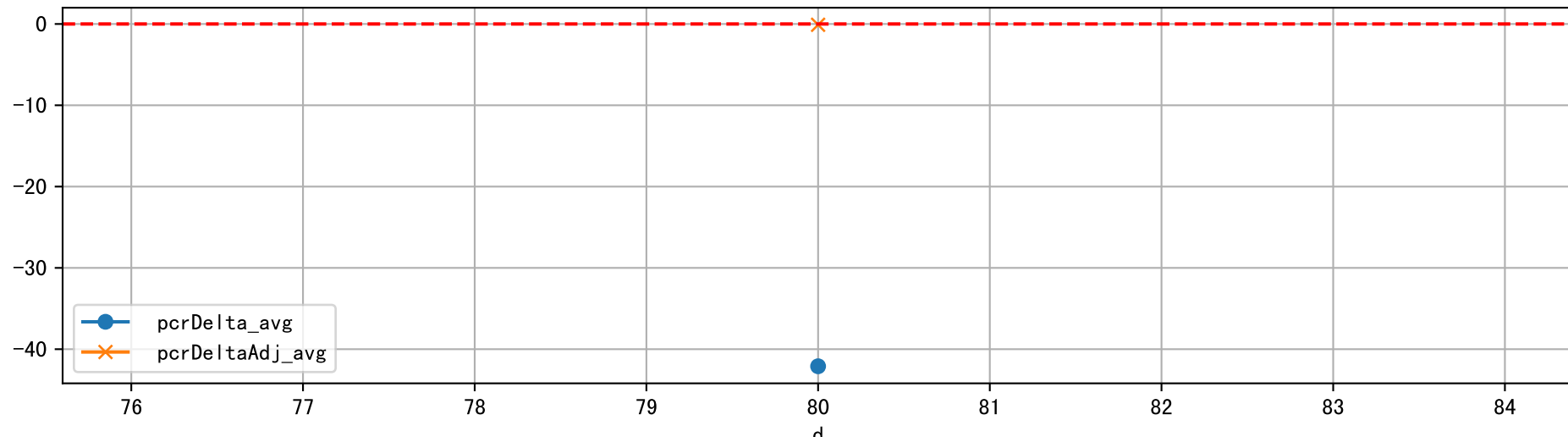
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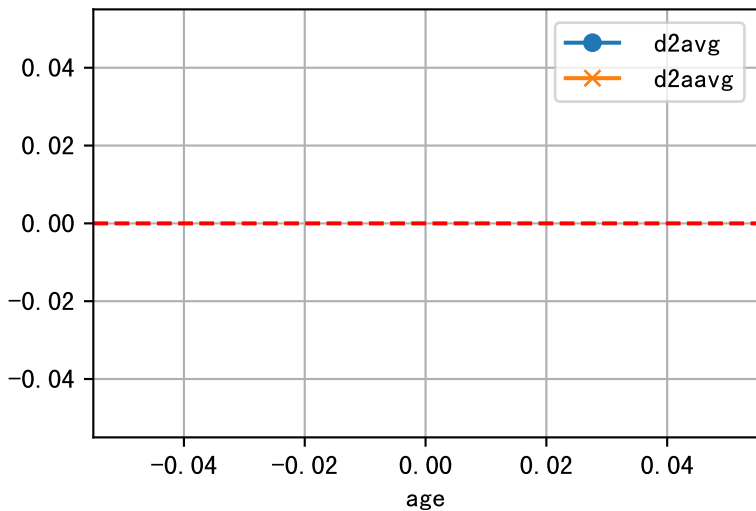
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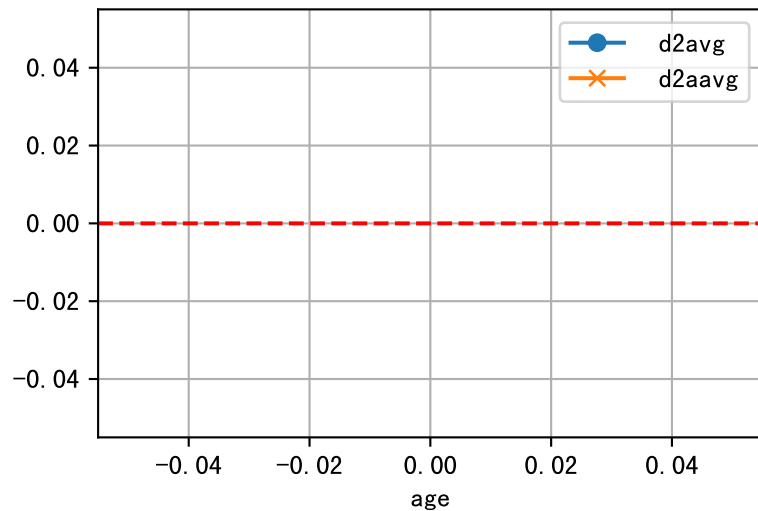
P10AW FrV: D\_Fr1\_FrV



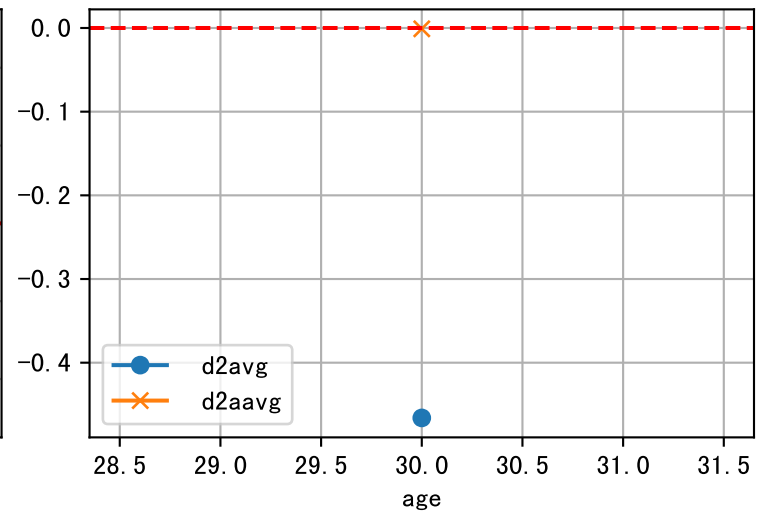
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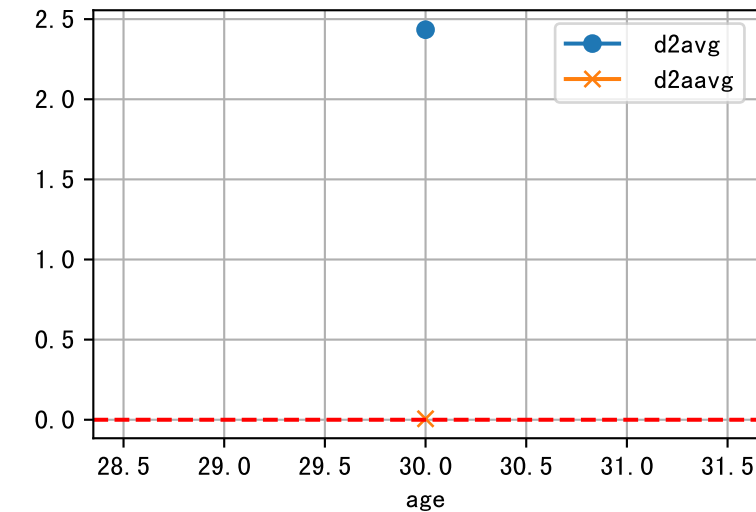
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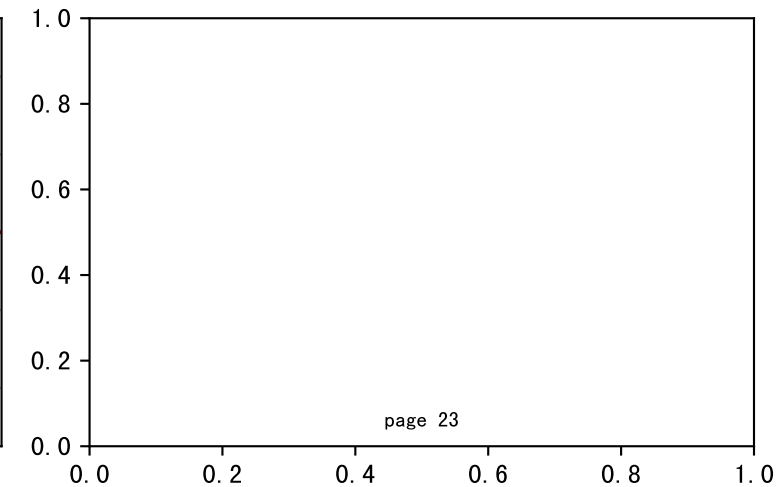
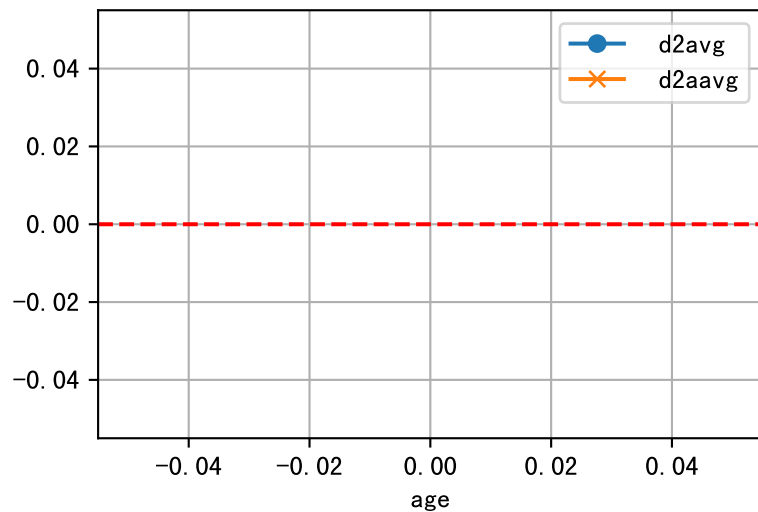
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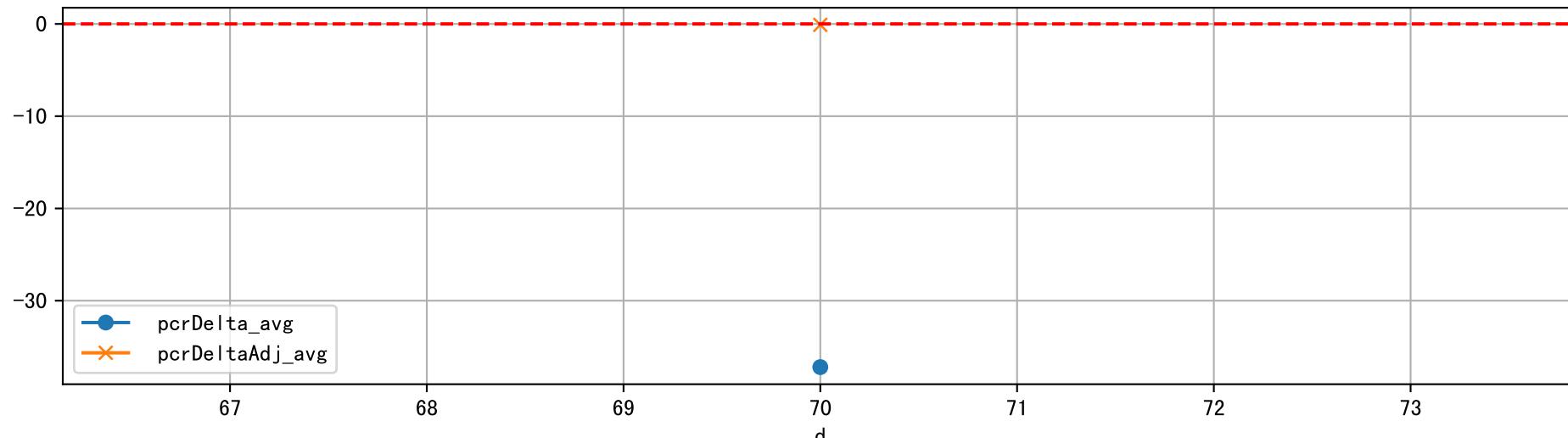
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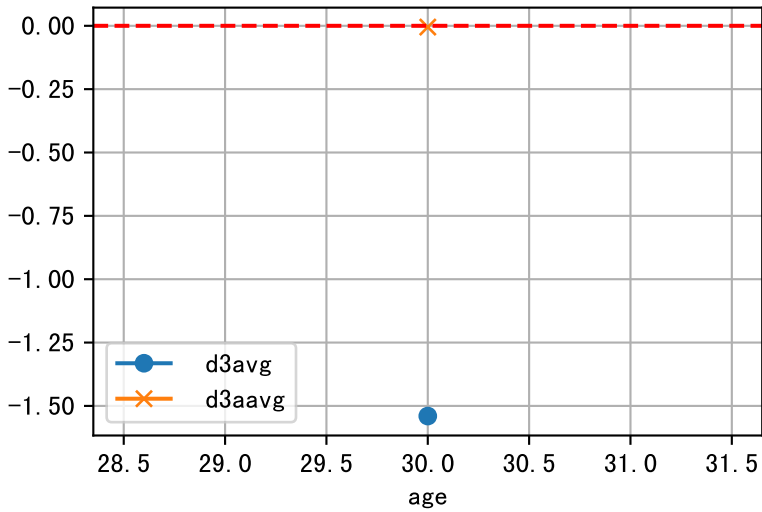
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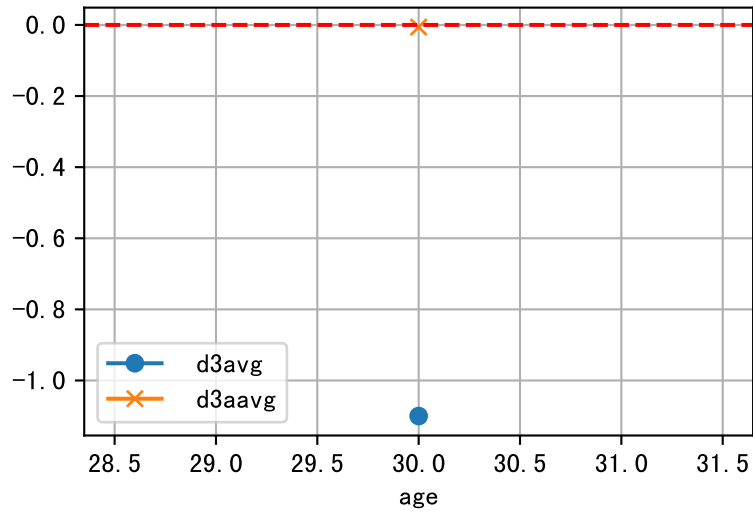
P10AW FrV: D\_Ts\_FrV



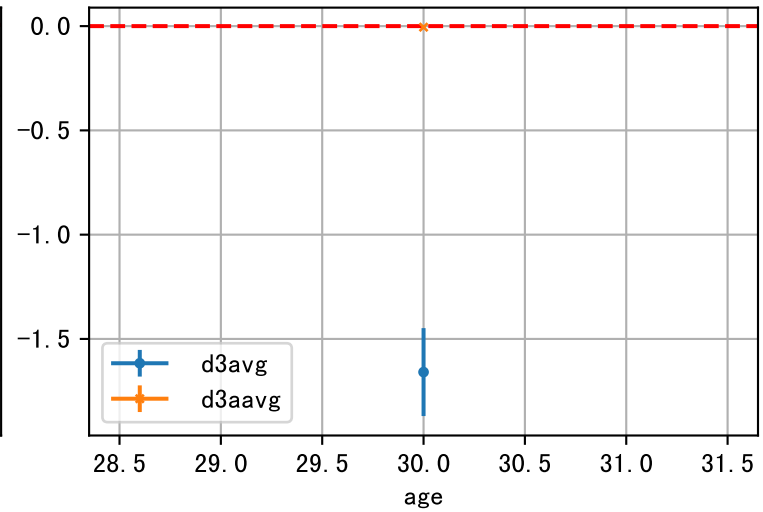
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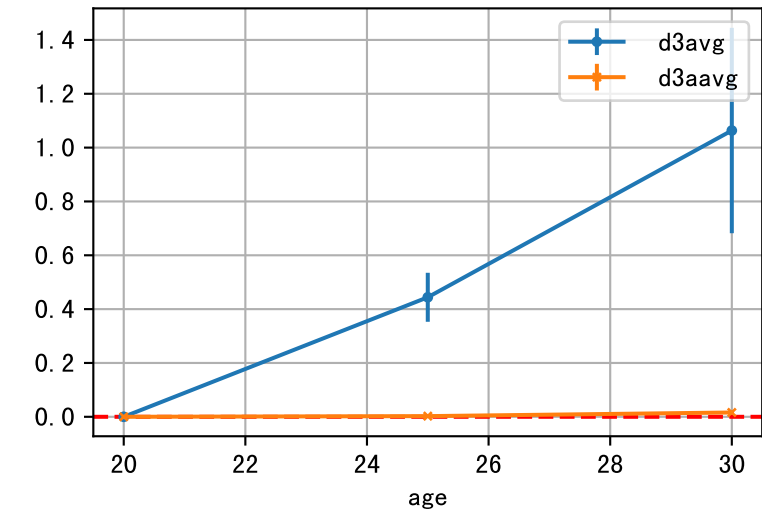
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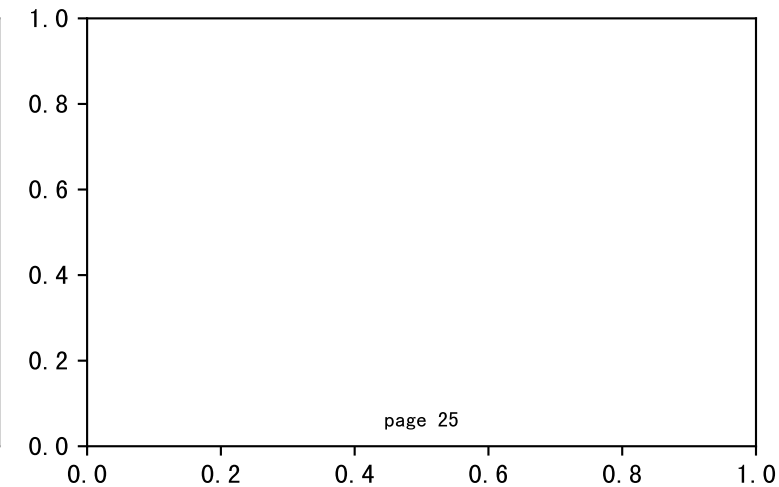
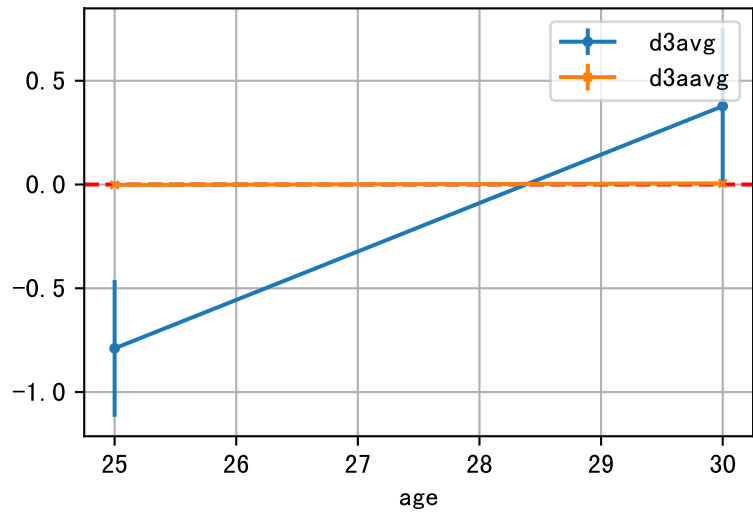
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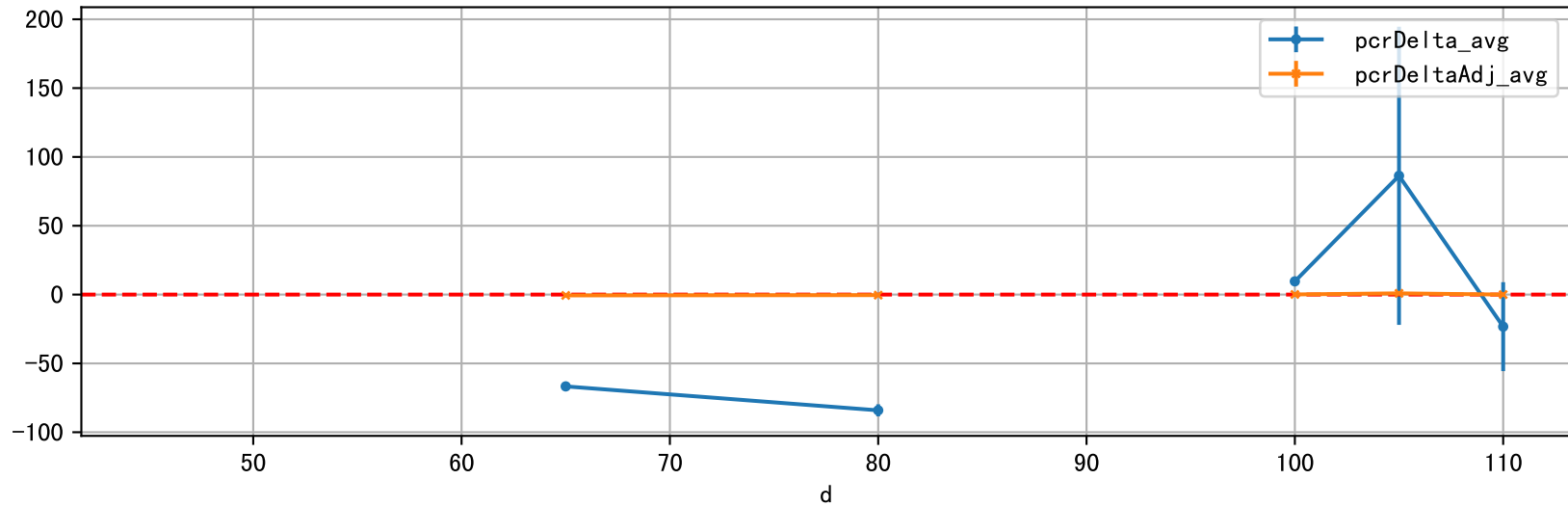
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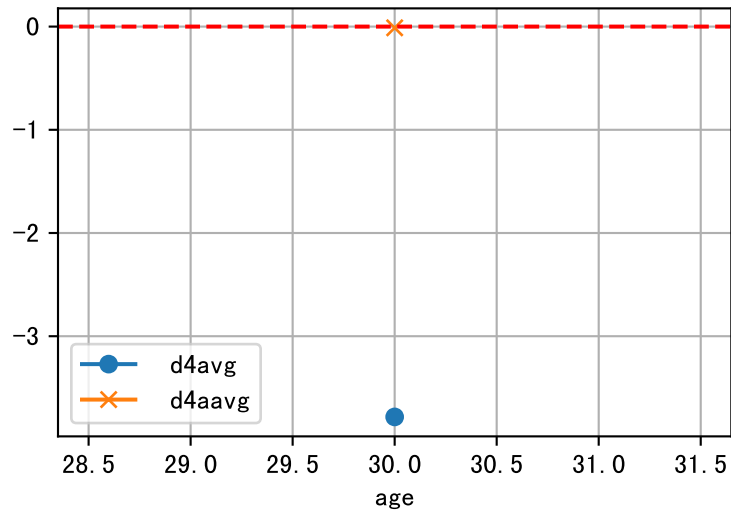
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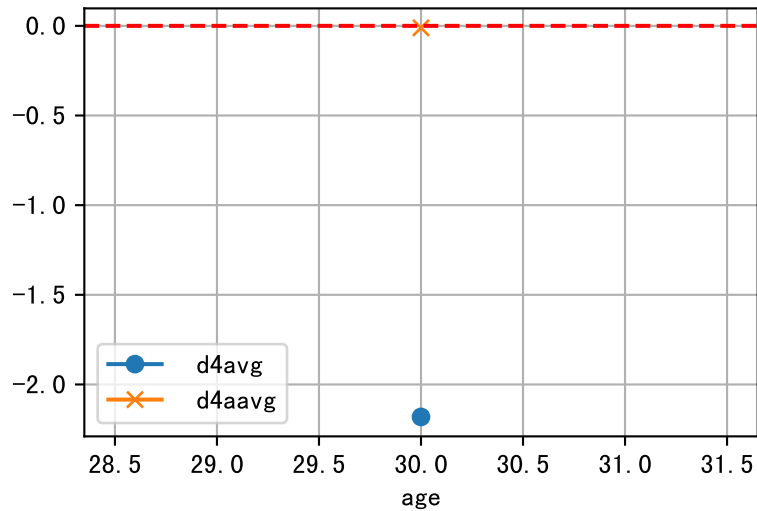
P10AW FrV: D\_Q50\_FrV



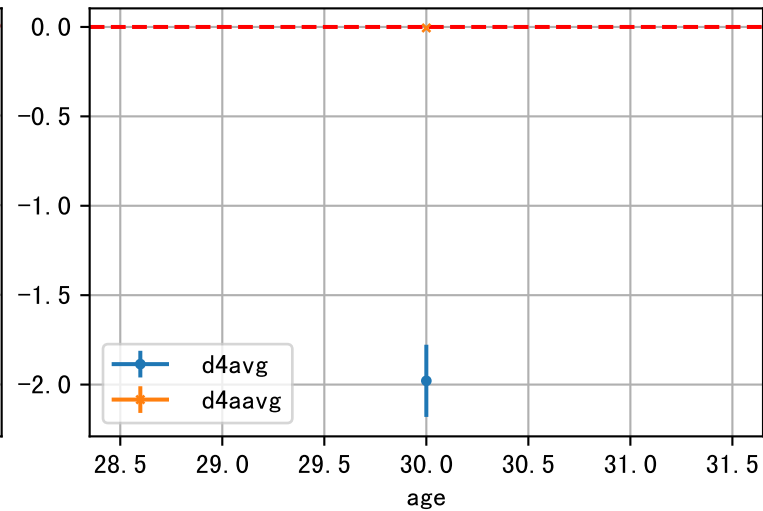
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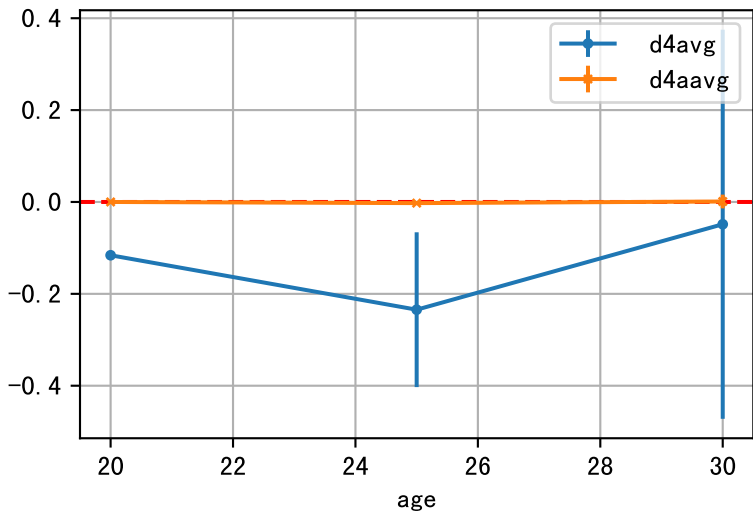
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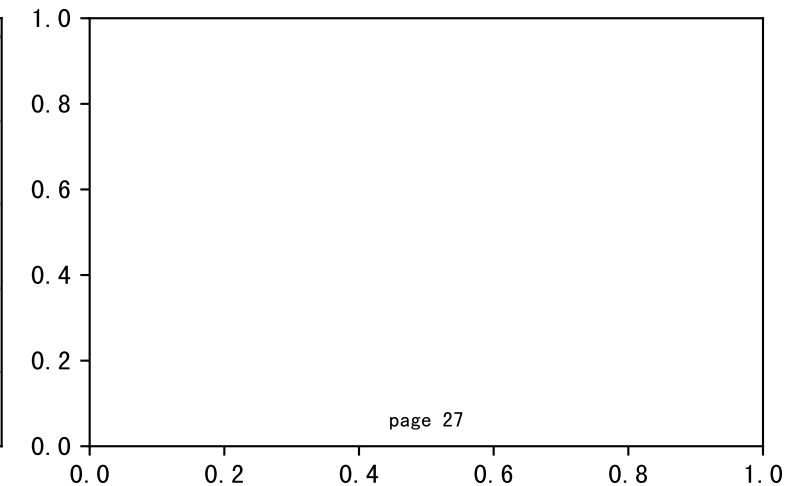
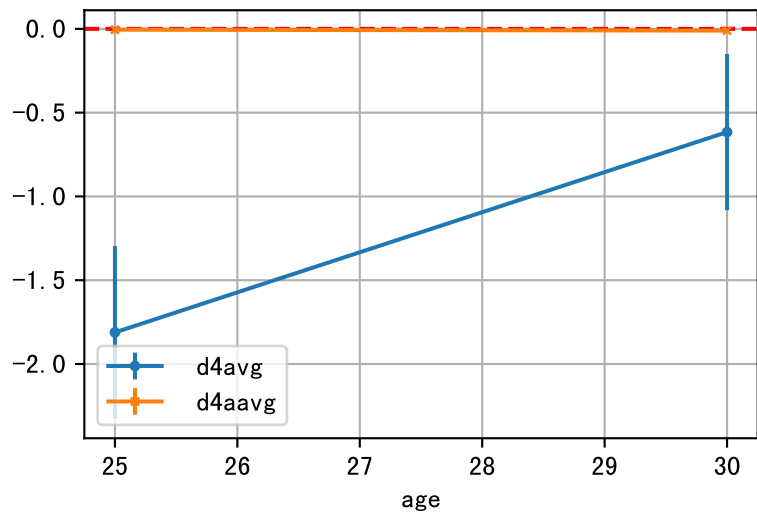
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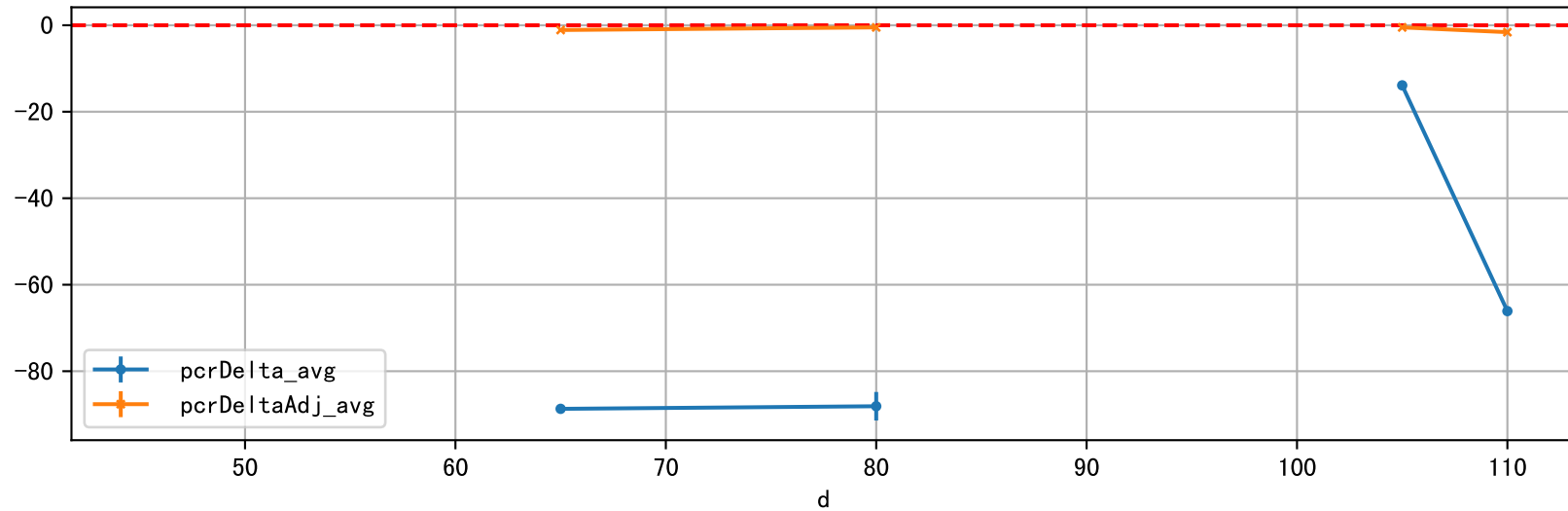
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organID=5



P10AW FrV: D\_Est\_FrV



P10AW FrV: sfDem

