

Phenotype Data Analysis Plots  
PhenoData day range = 18 - 105  
Analysis cutoff day = 105  
NC11 P10  
2026-02-01 (Day 106)

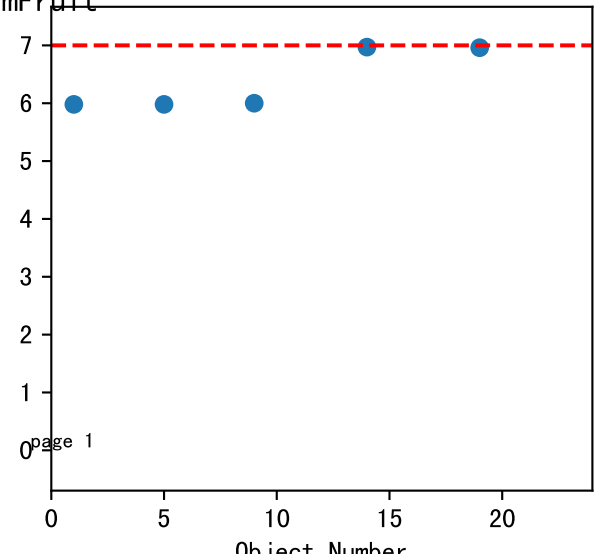
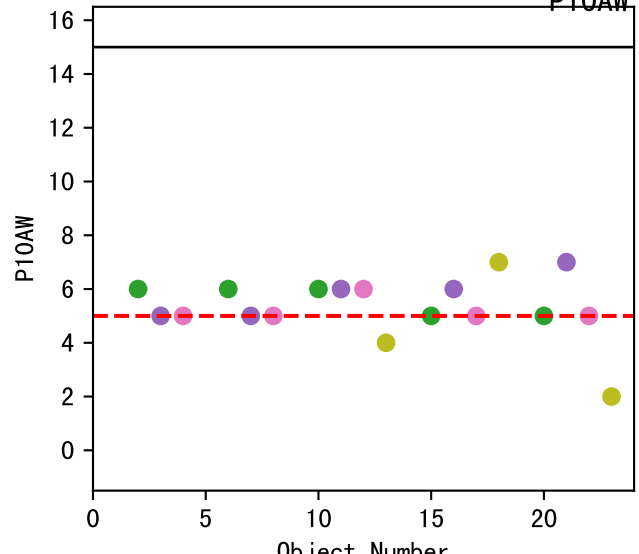
avg1=0.00% avg2=na  
P10AW TrimTruss

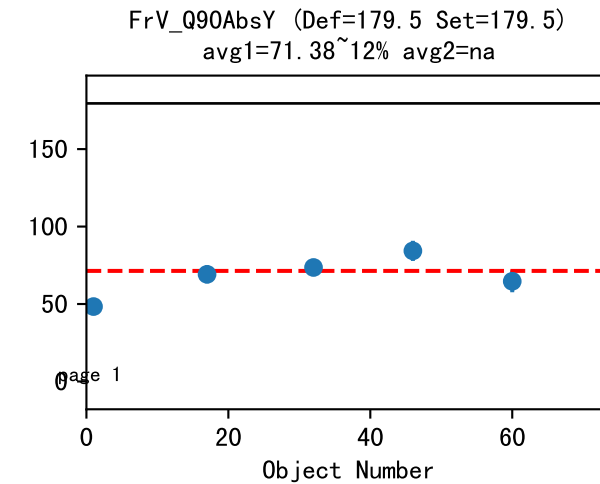
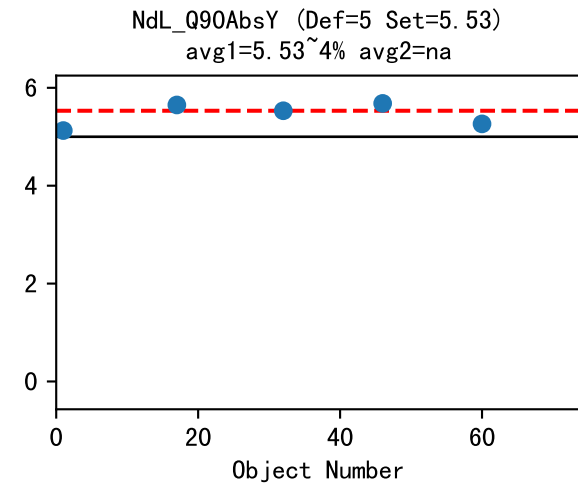
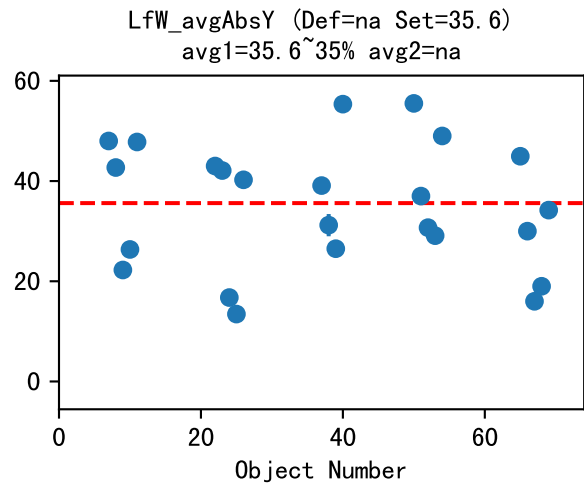
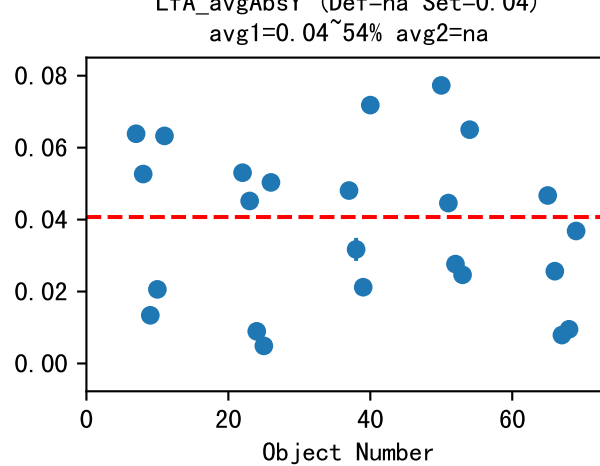
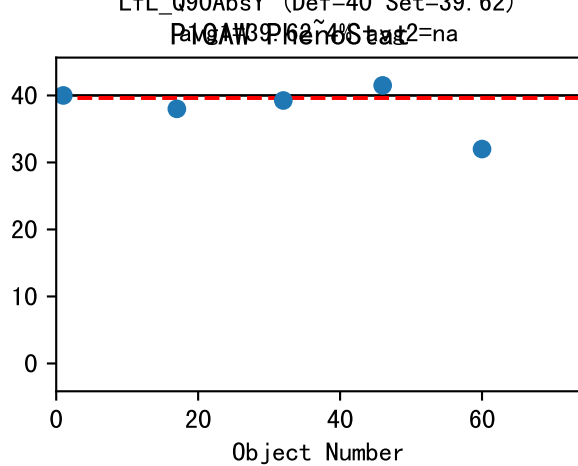
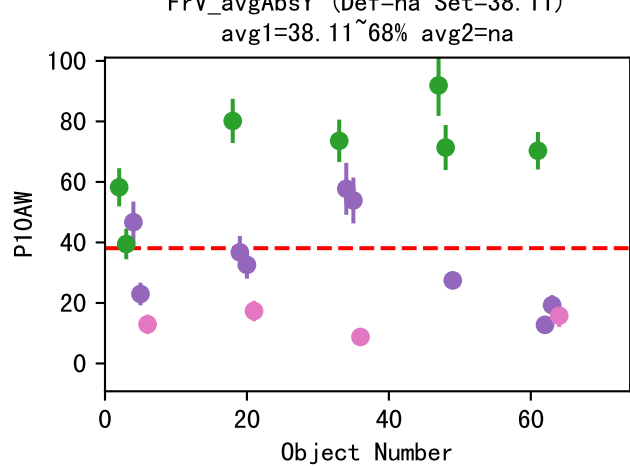


avg1=5.0 16% avg2=na

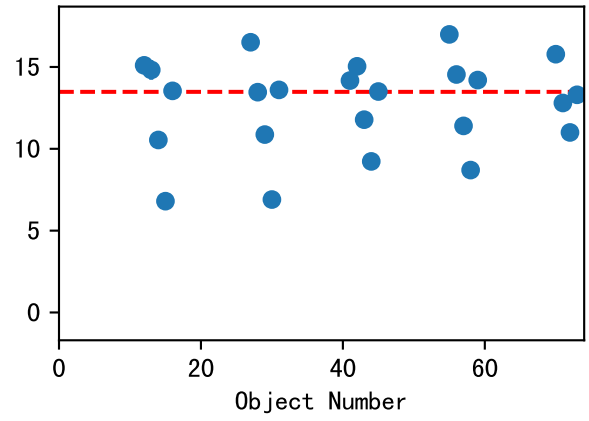
P10AW TrimFruit

avg1=7.0 8% avg2=na

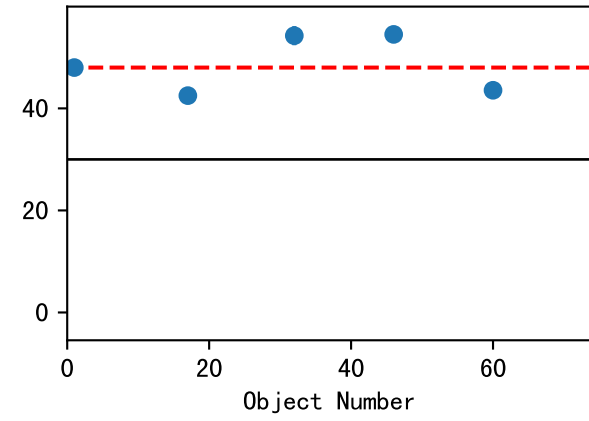




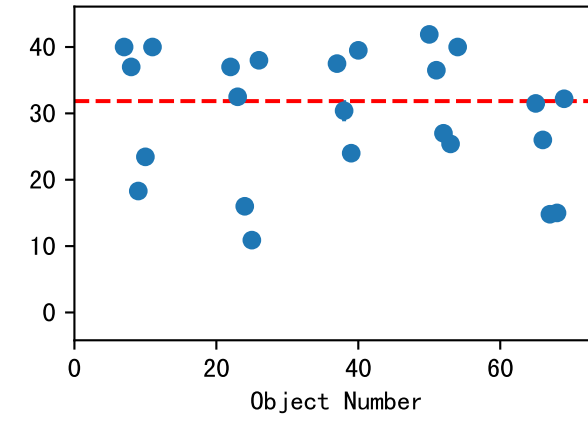
NdD\_avgAbsY (Def=na Set=13.48)  
avg1=13.48~21% avg2=na



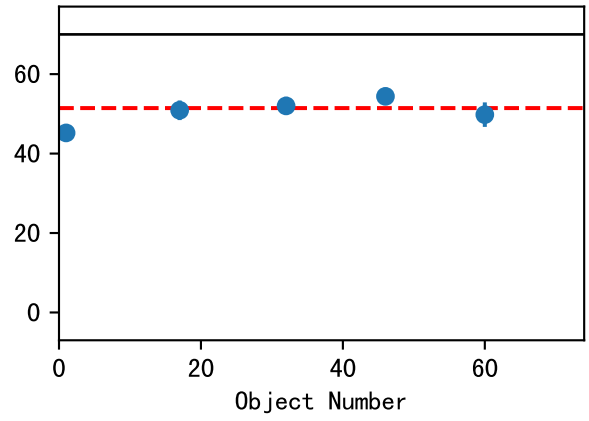
LfA\_Q90AbsY (Def=30 Set=46.0)  
avg1=46.0~12% avg2=na



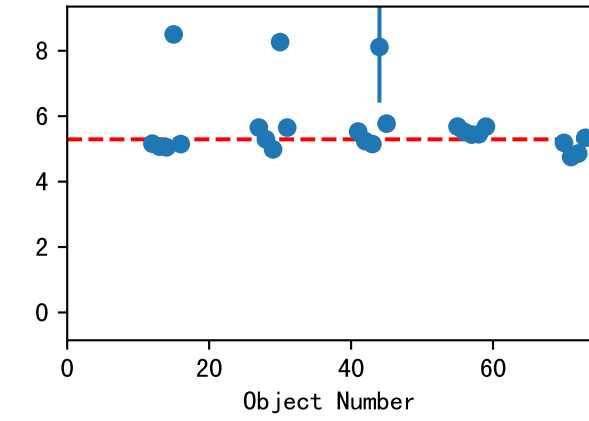
LTL\_avgAbsY (Def=na Set=31.85)  
avg1=31.85~30% avg2=na



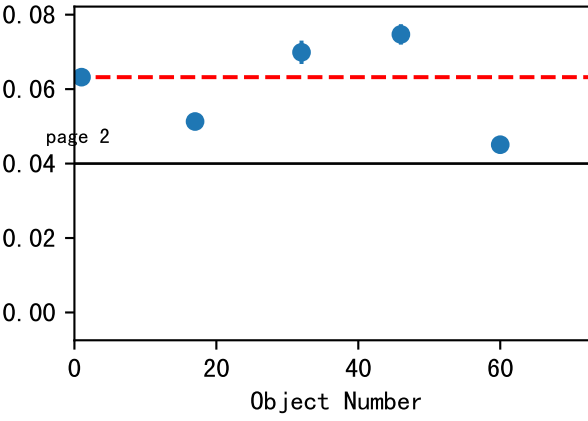
FrD\_Q90AbsY (Def=70 Set=51.45)  
avg1=51.45~4% avg2=na

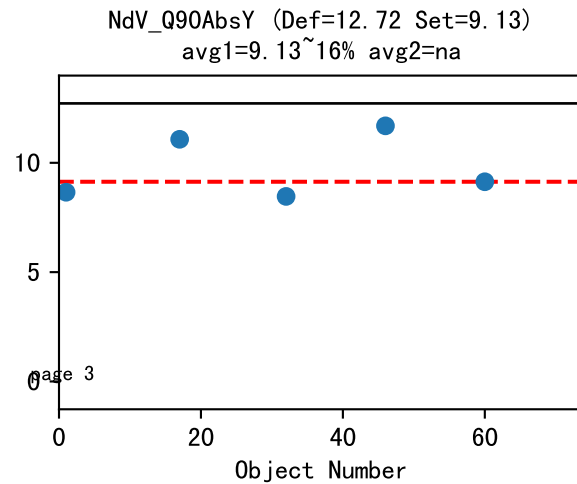
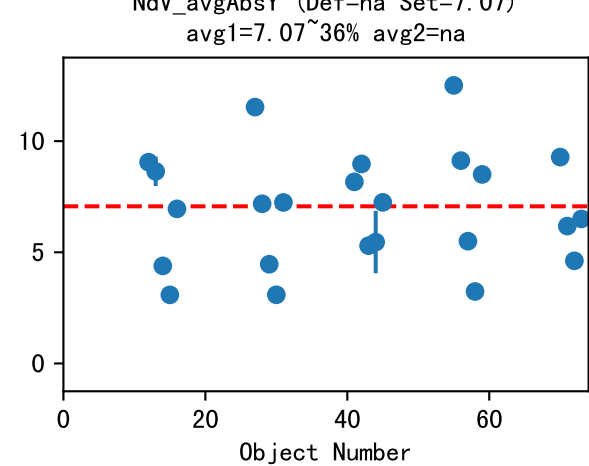
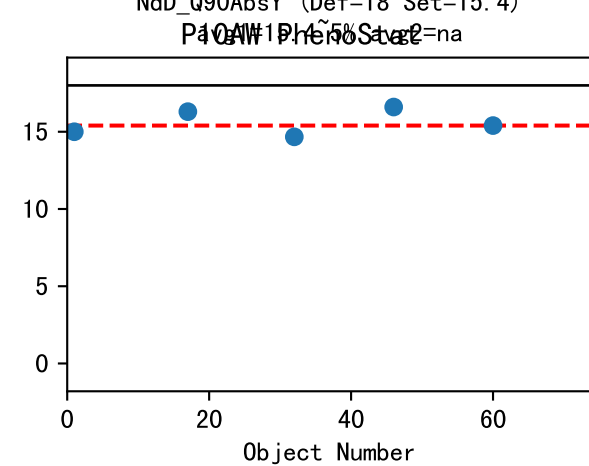
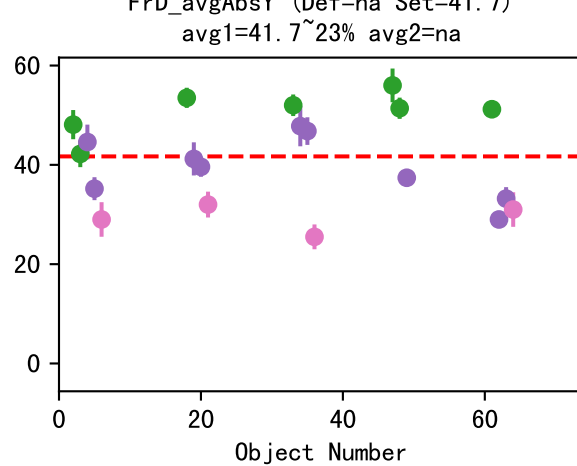


NdL\_avgAbsY (Def=na Set=5.29)  
avg1=5.29~6% avg2=na

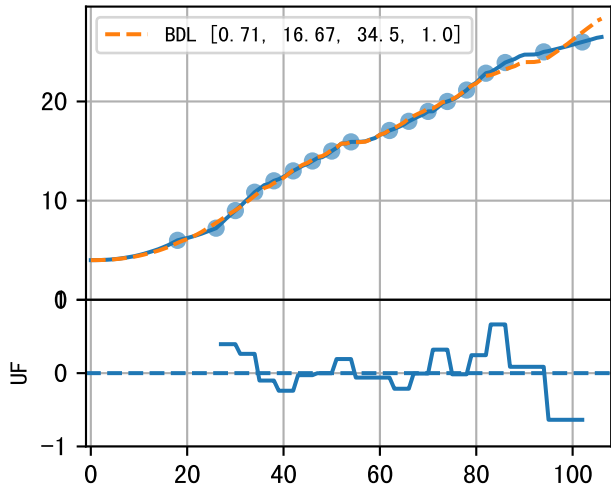


LfA\_Q90AbsY (Def=0.04 Set=0.06)  
avg1=0.06~20% avg2=na

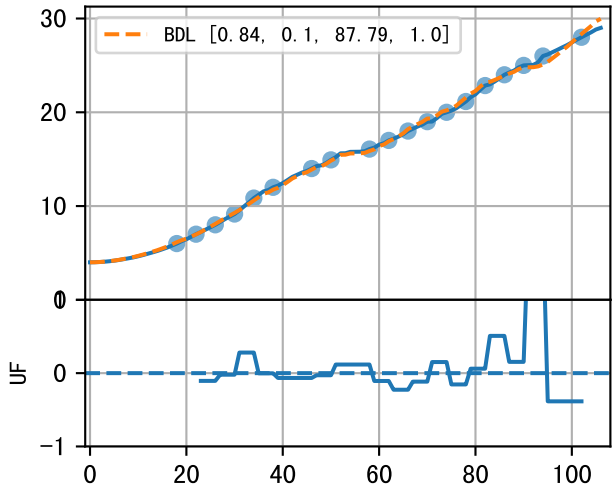




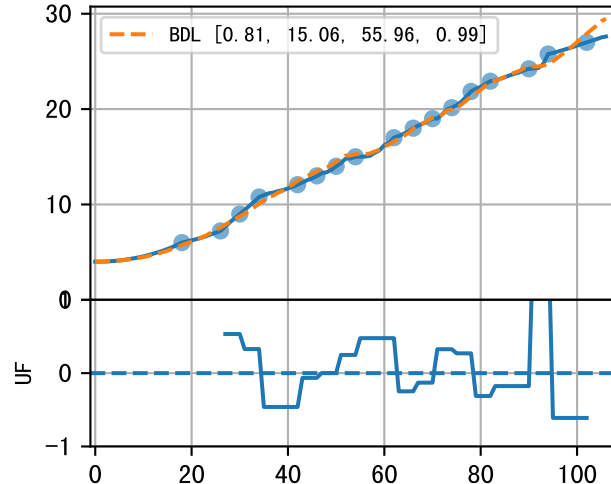
P10AW-004-12 (fit failed)



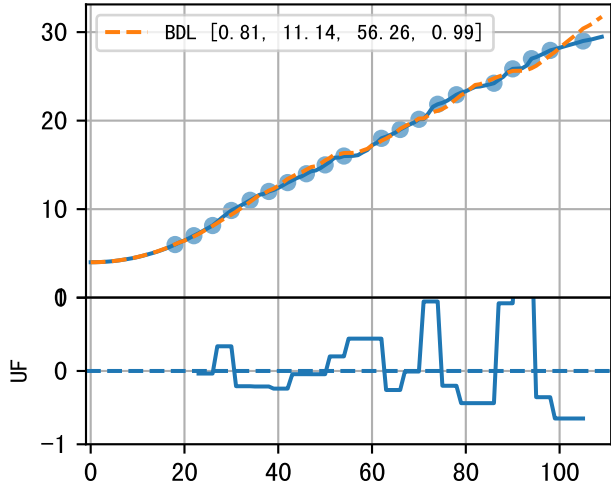
P10AW-010-25 (fit failed)



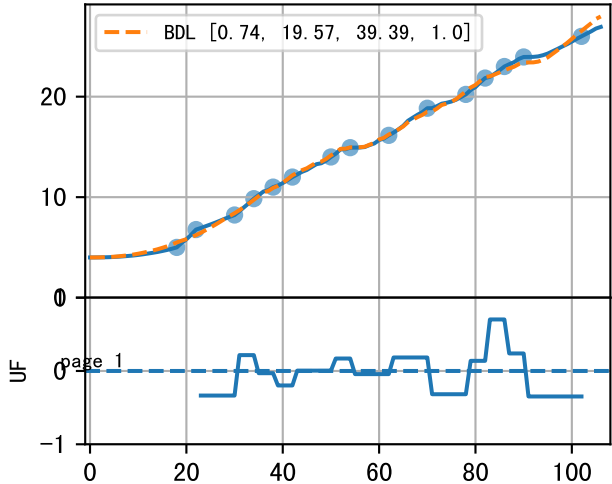
P10AW-017-16 (fit failed)



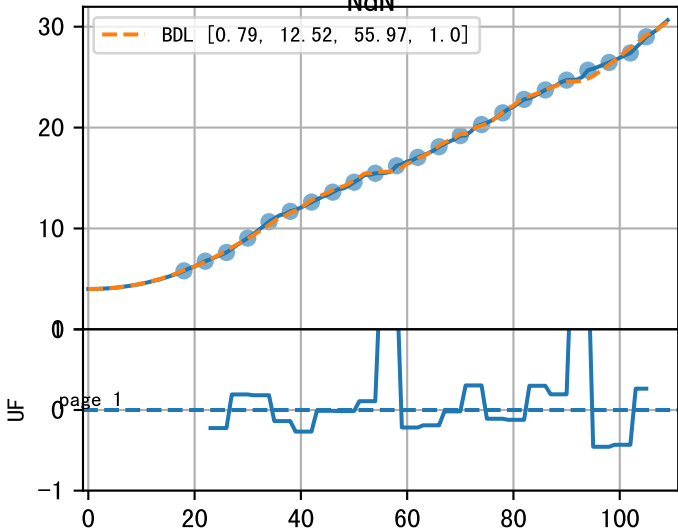
P10AW-025-3 (fit failed)

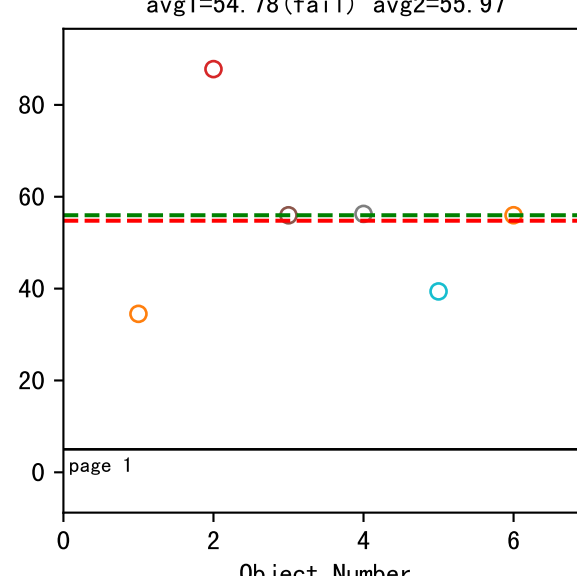
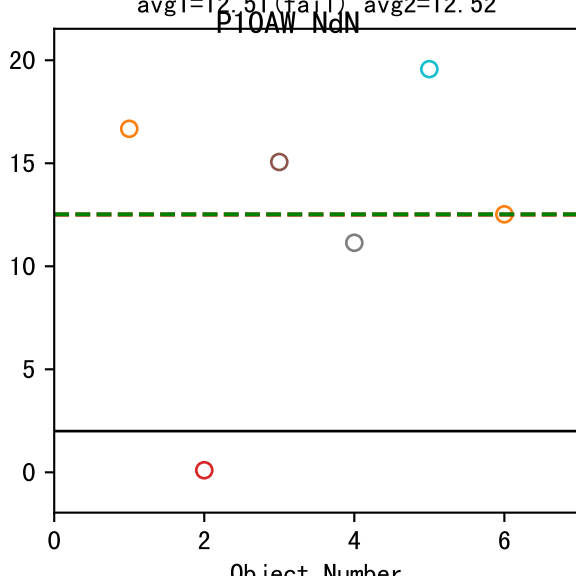
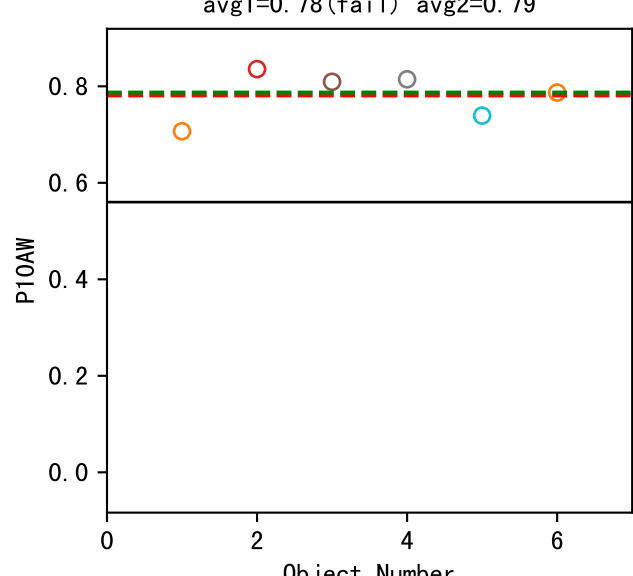


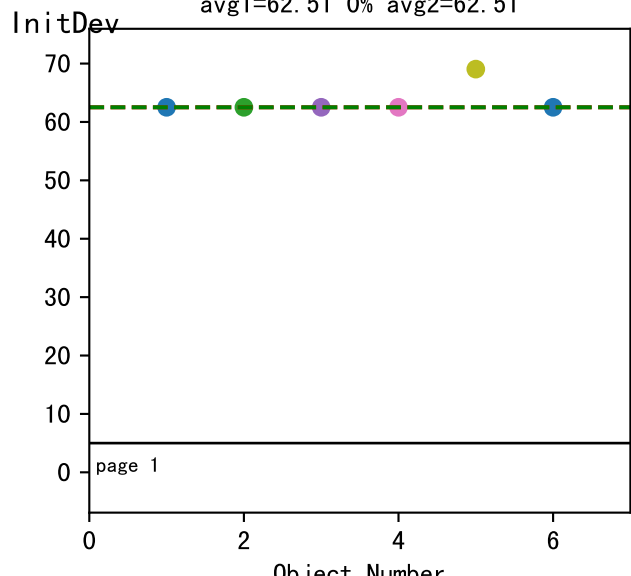
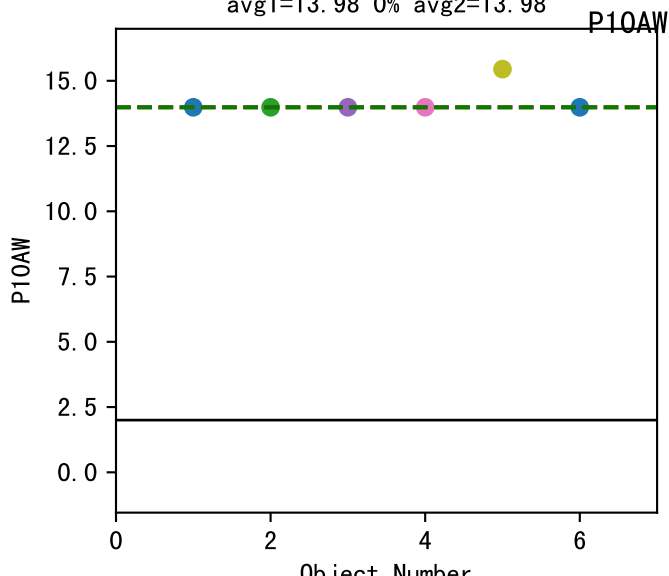
P10AW-032-33 (fit failed)



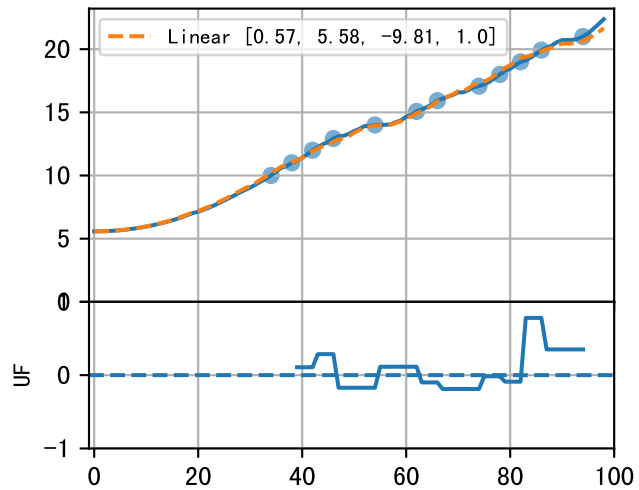
PIOWavg (fit failed)  
NdN



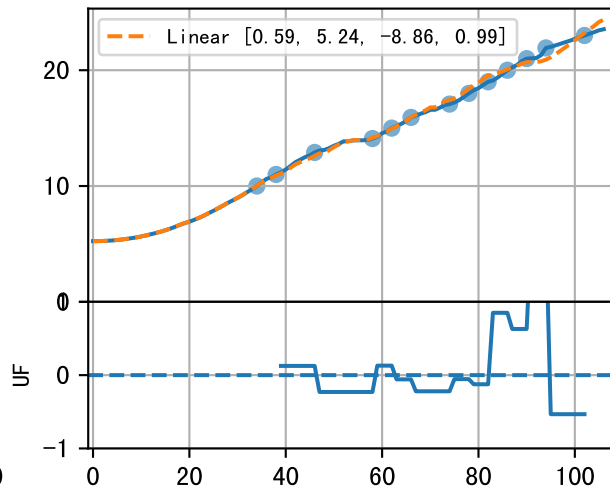




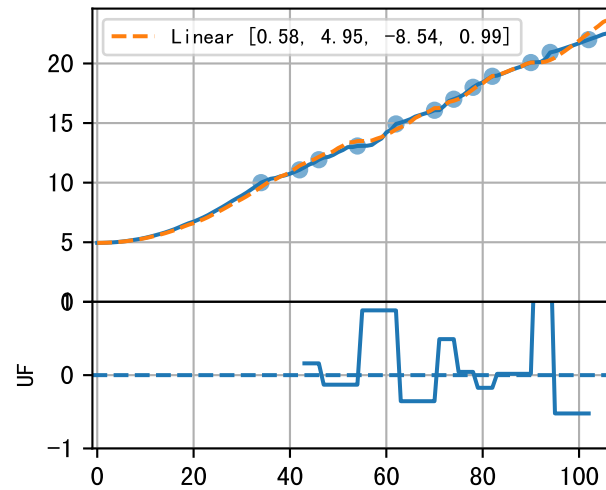
P10AW-004-12



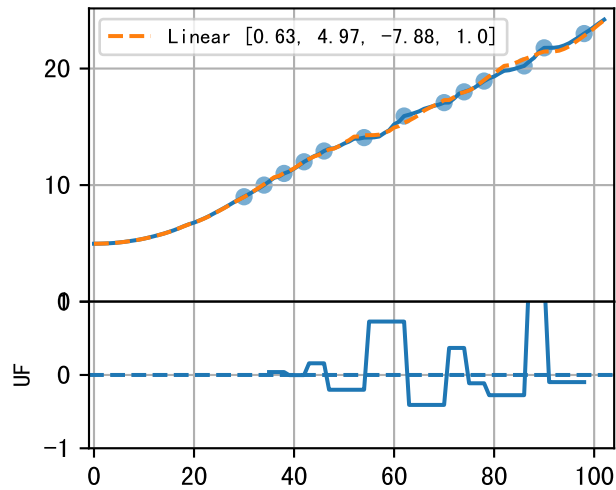
P10AW-010-25



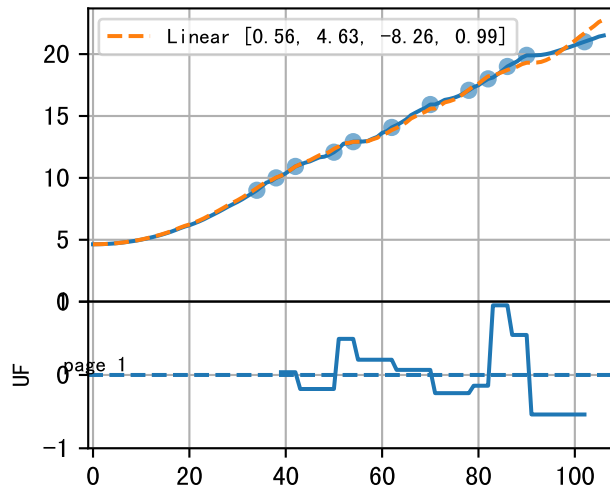
P10AW-017-16



P10AW-025-3

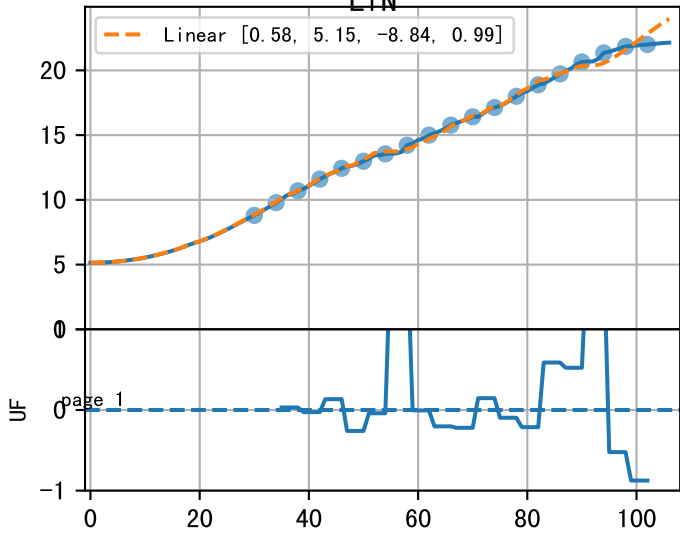


P10AW-032-33

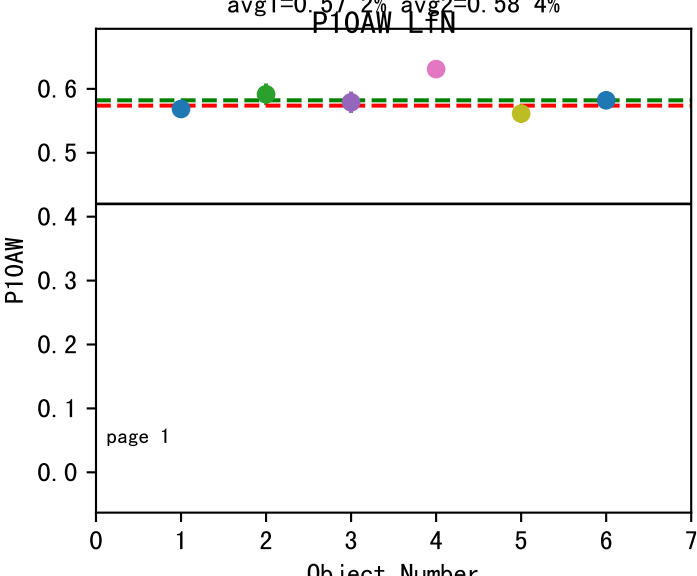


PTUavg  
LfN

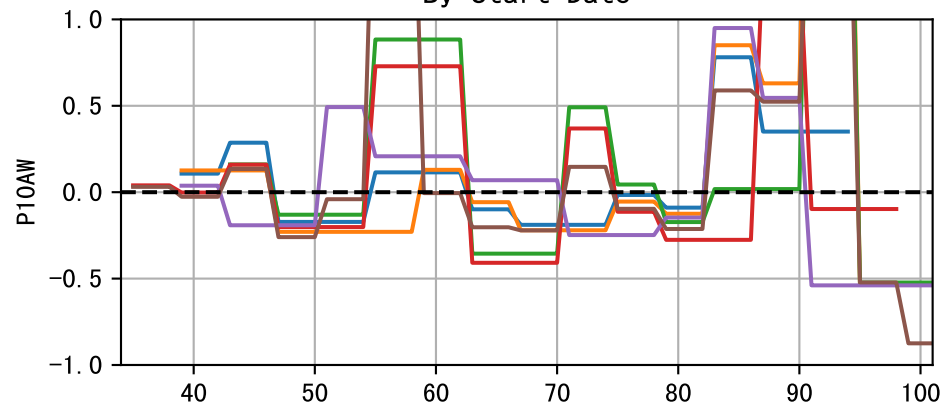
Linear [0.58, 5.15, -8.84, 0.99]



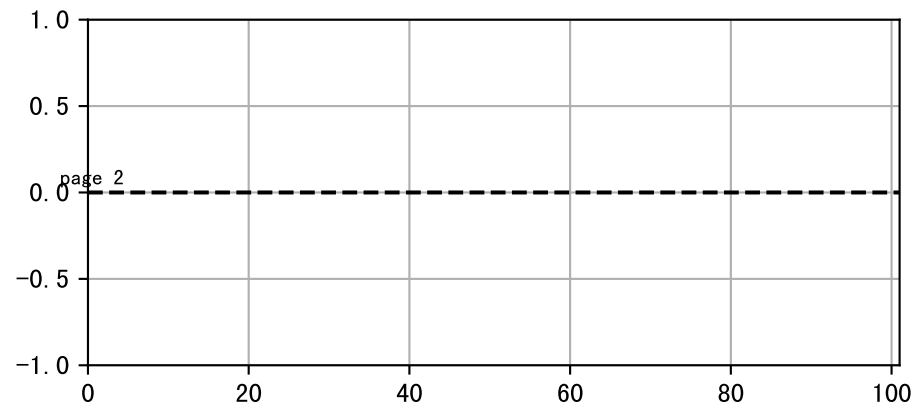
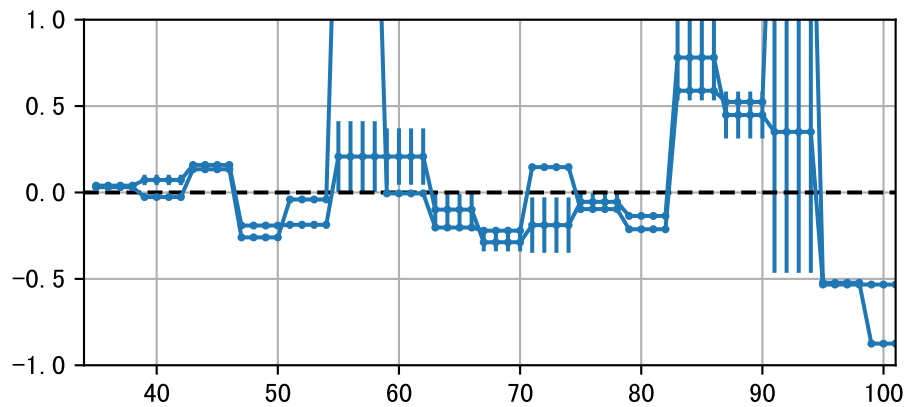
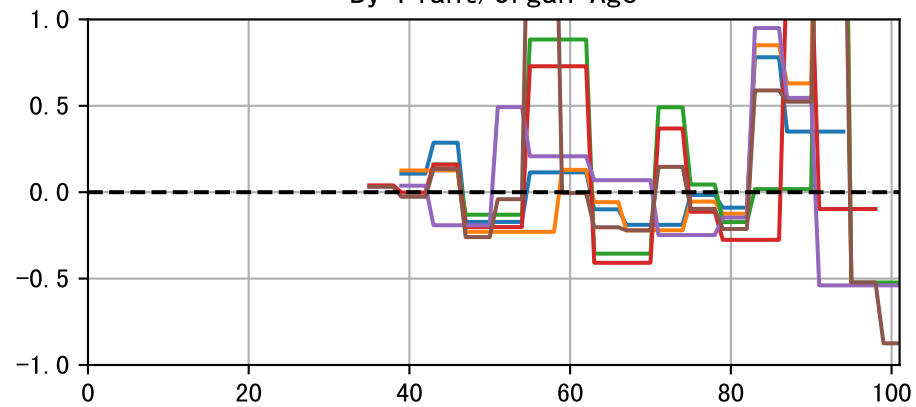
UF  
page 1



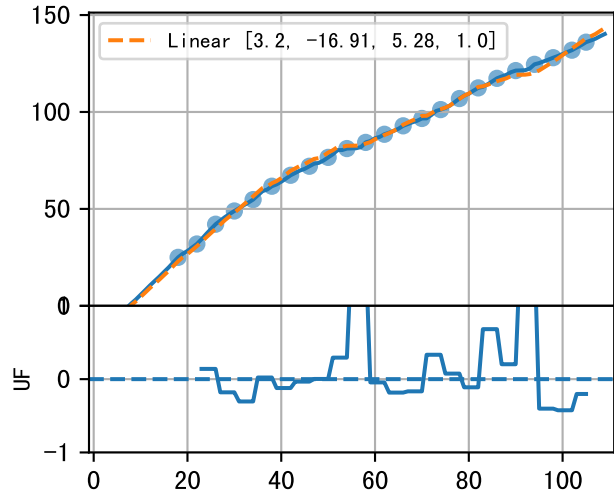
By Start Date



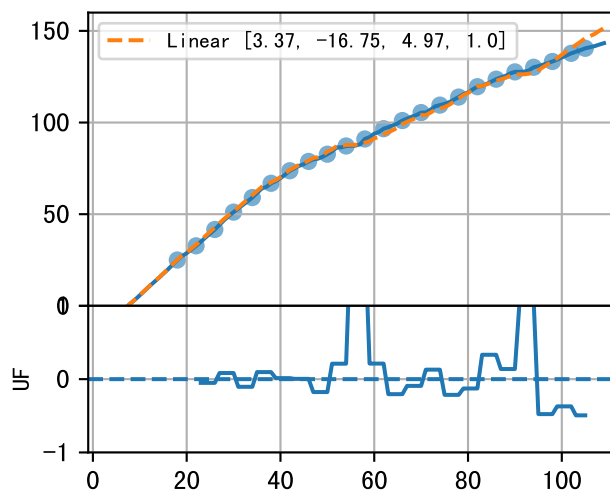
By Plant/Organ Age



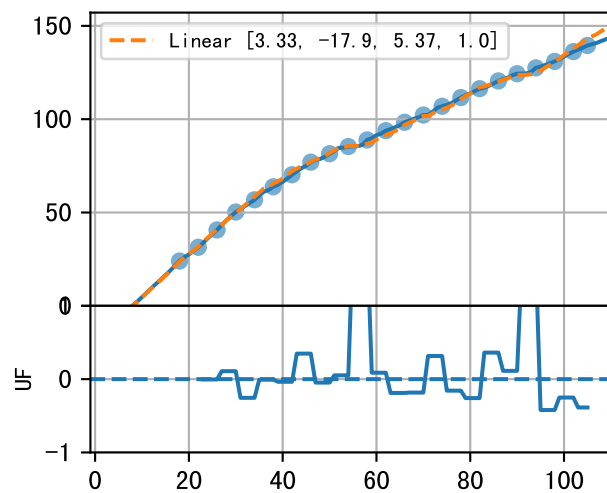
P10AW-004-12



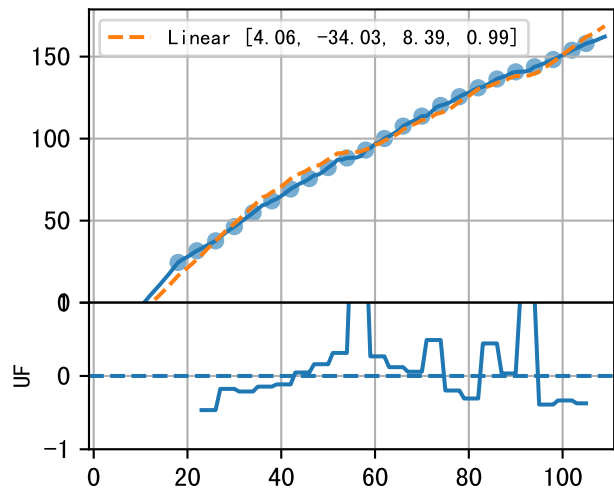
P10AW-010-25



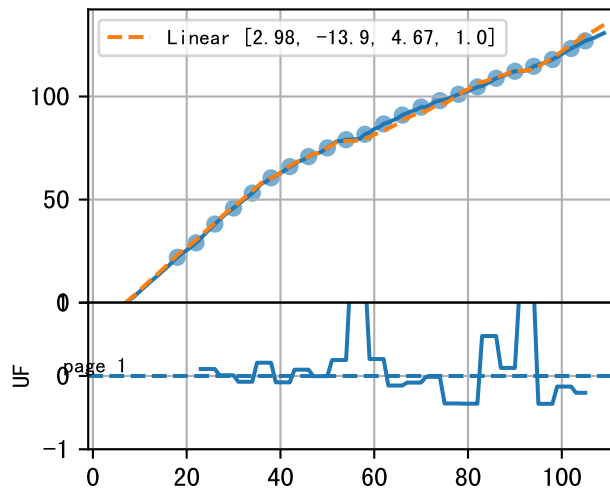
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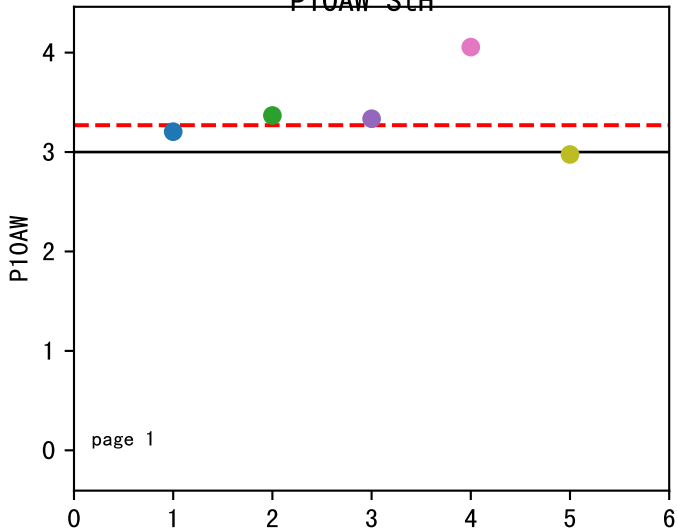
P10AW-025-3



P10AW-032-33

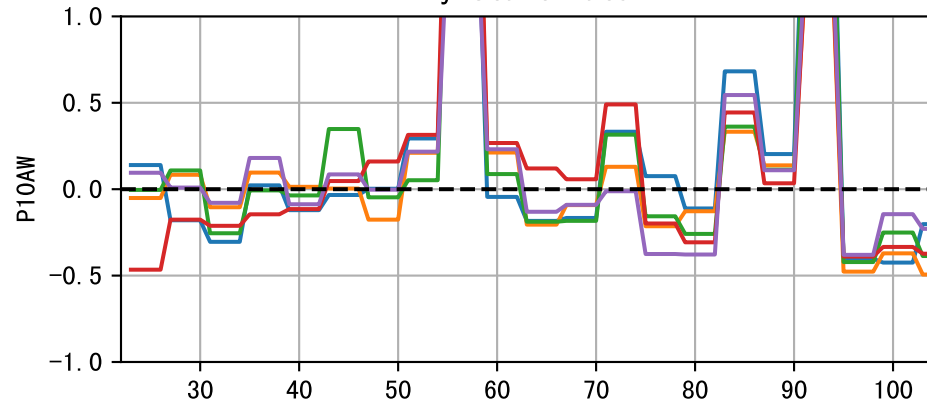


avg1=3.275% avg2=na  
P10AW StH

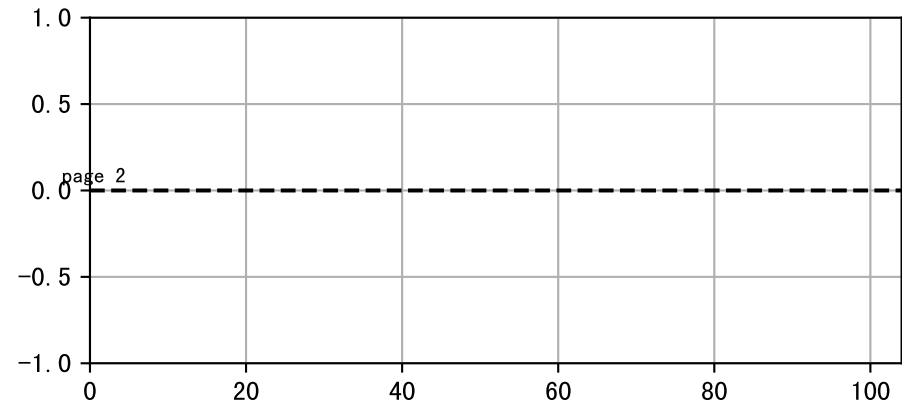
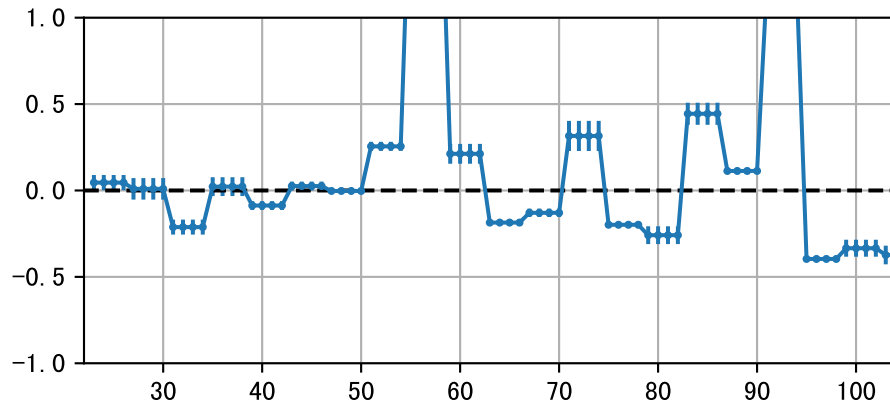
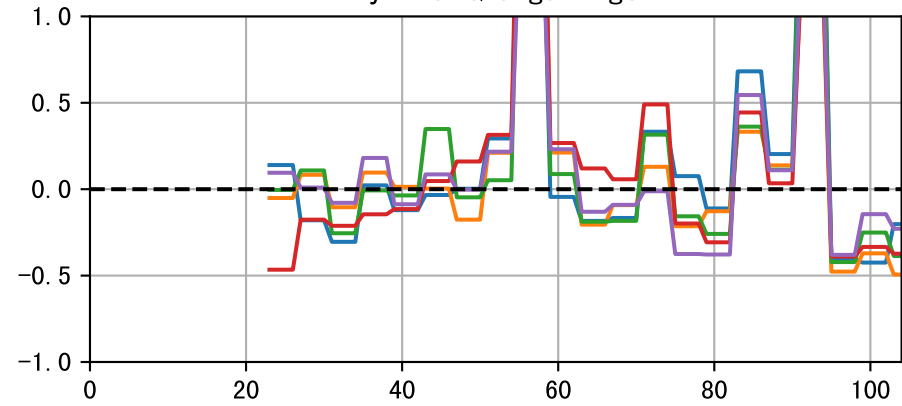


page 1

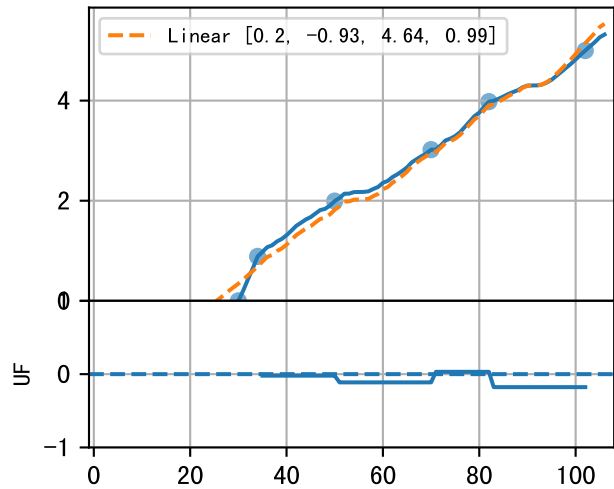
By Start Date



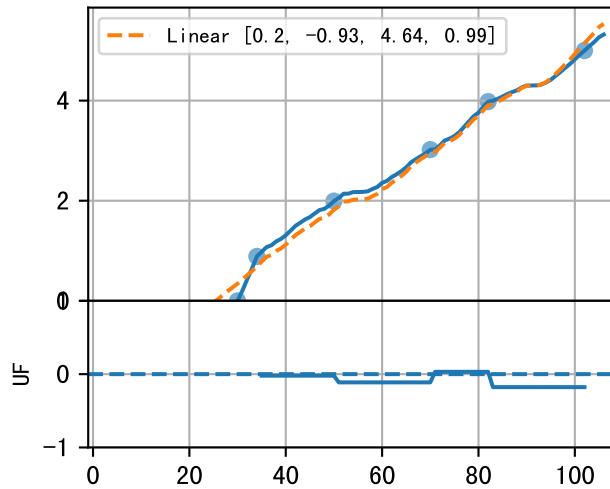
By Plant/Organ Age



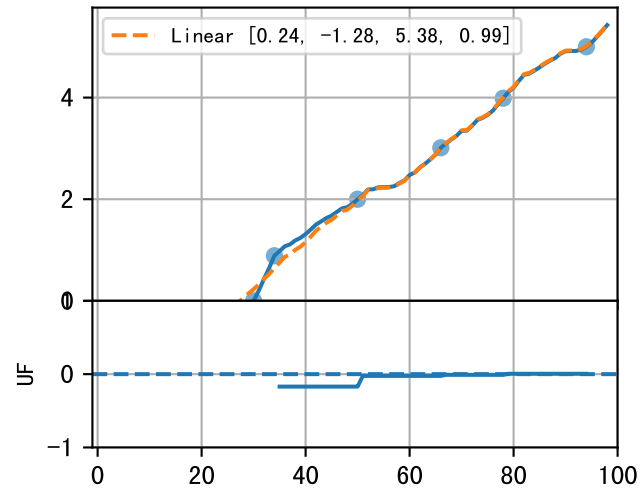
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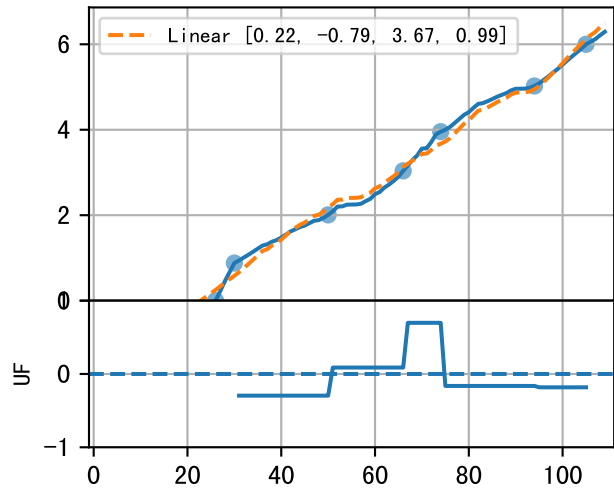
P10AW-010-25



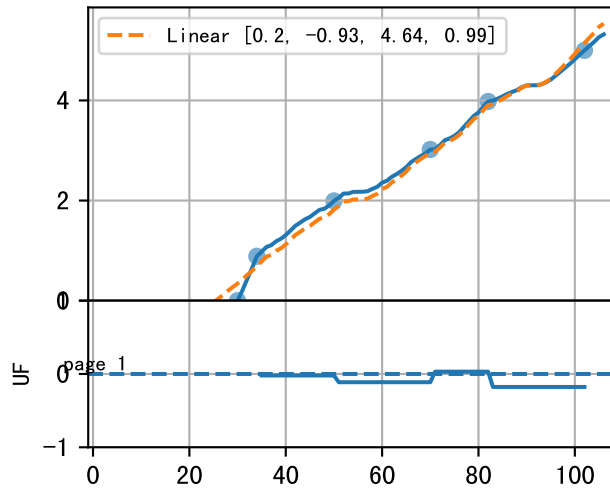
P10AW-017-16



P10AW-025-3

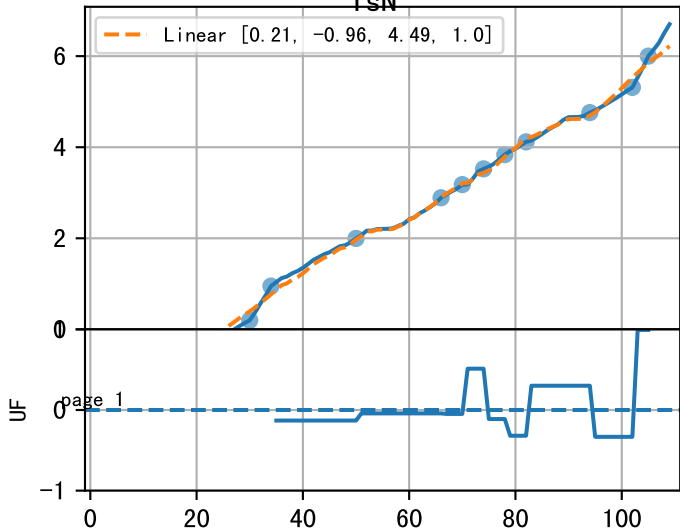


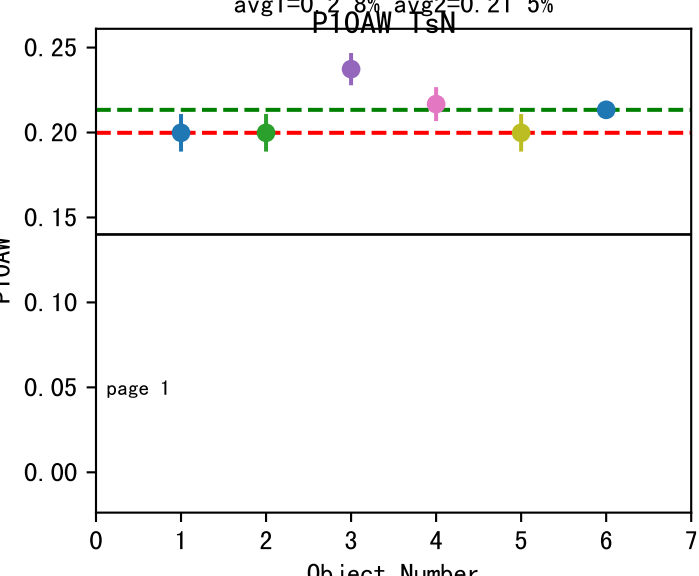
P10AW-032-33



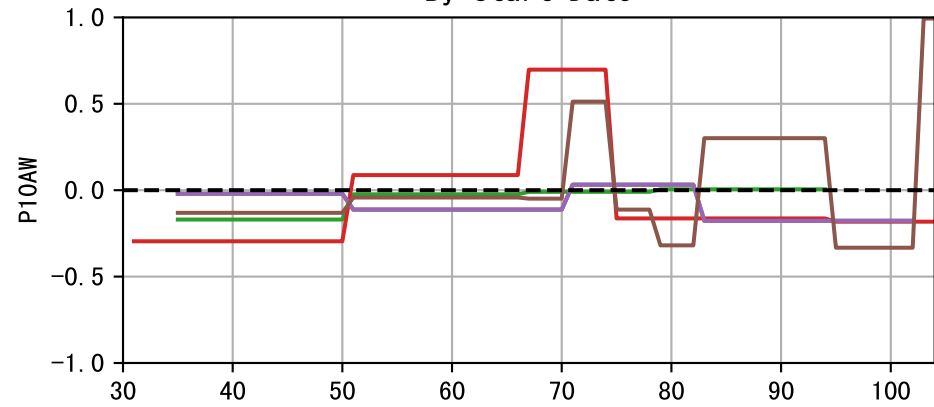
PTQAvg  
TSN

Linear [0.21, -0.96, 4.49, 1.0]

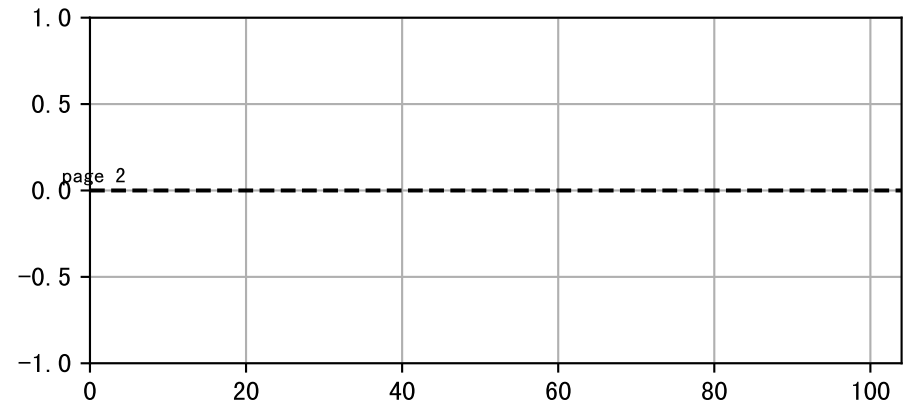
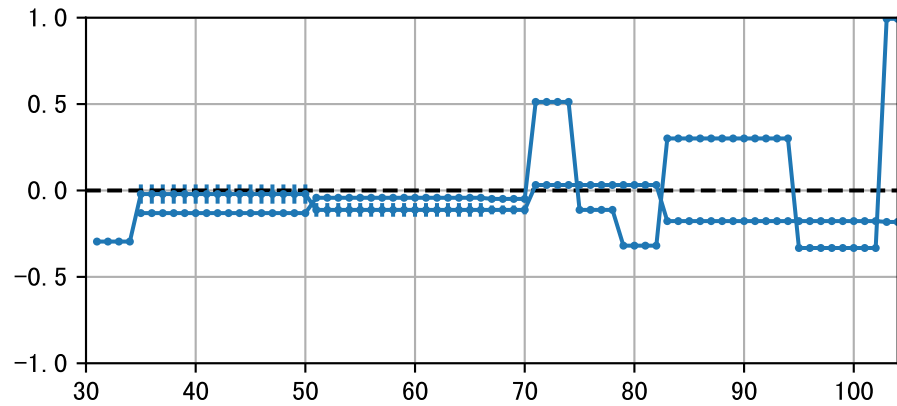
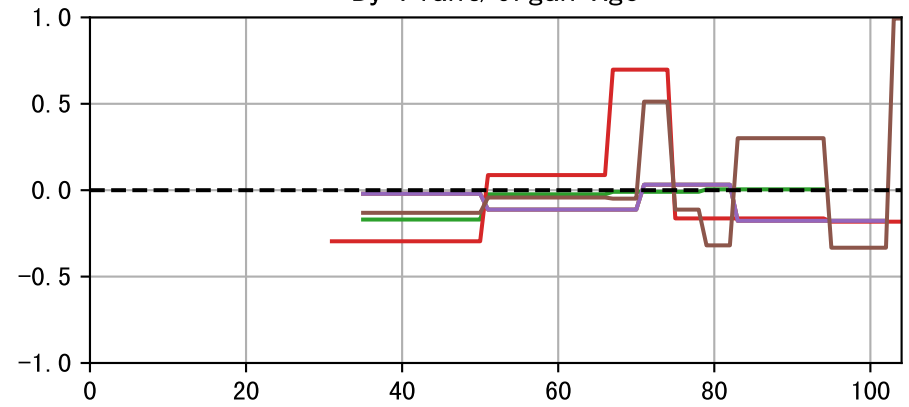


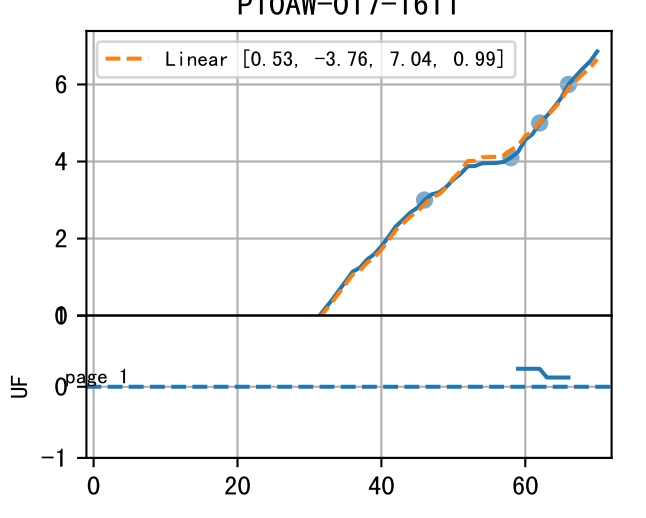
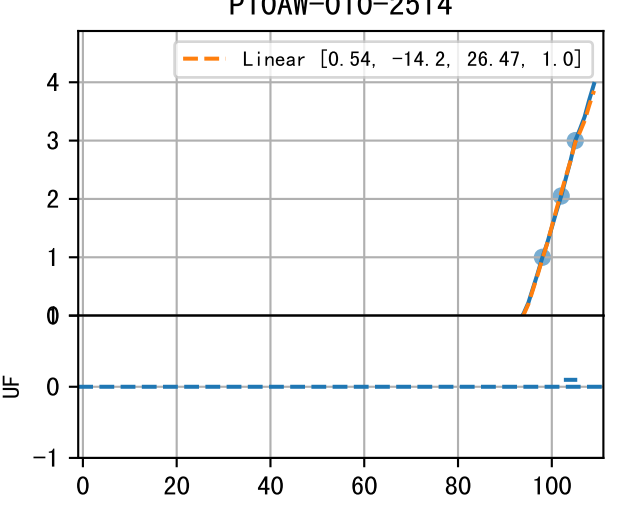
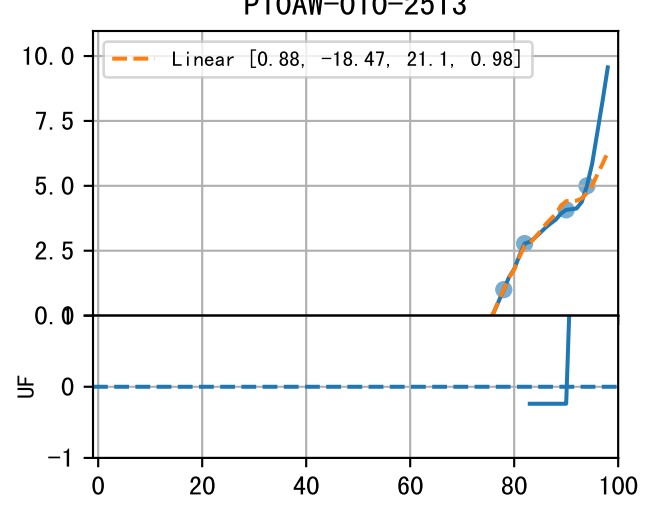
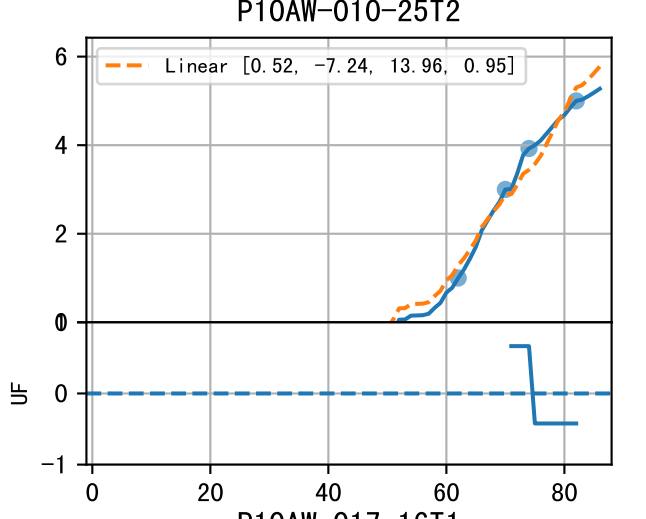
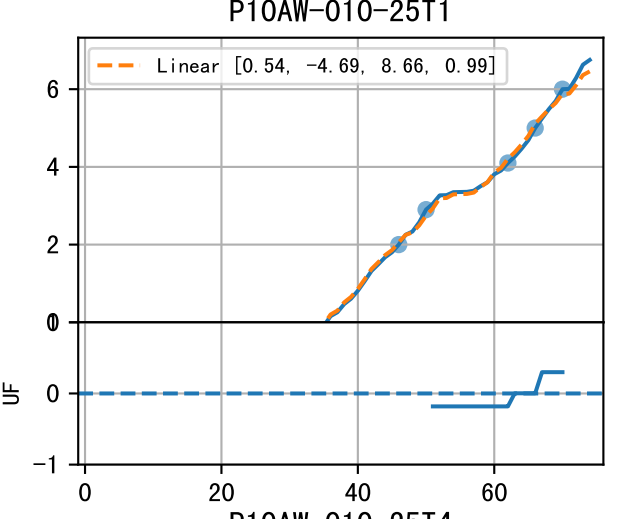
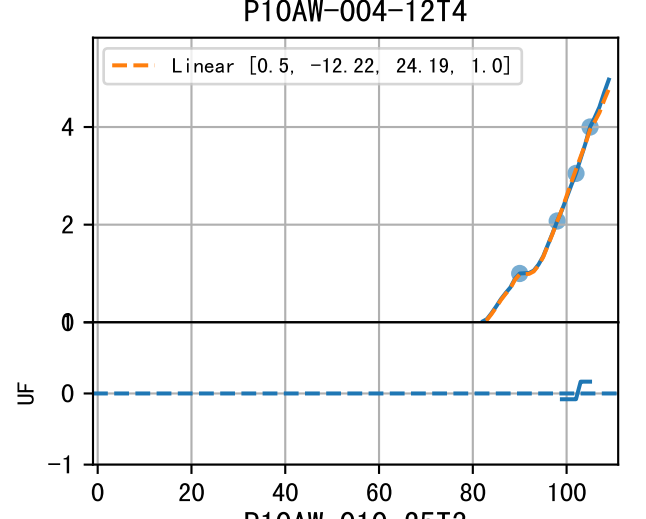
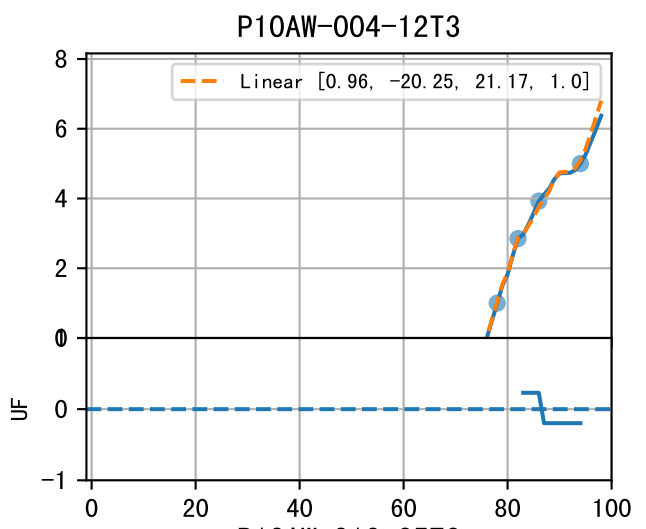
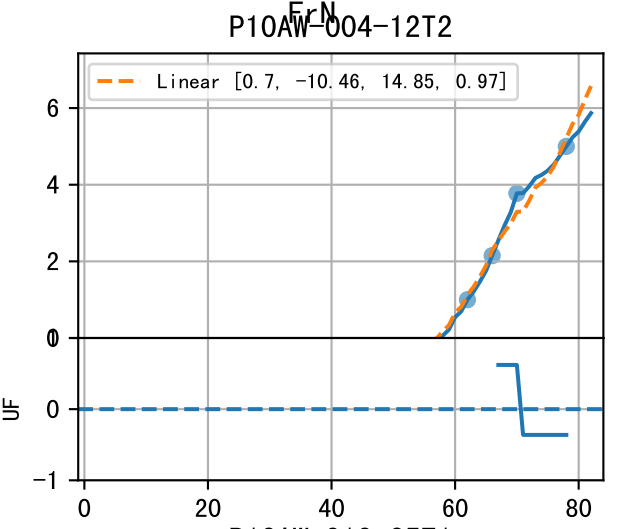
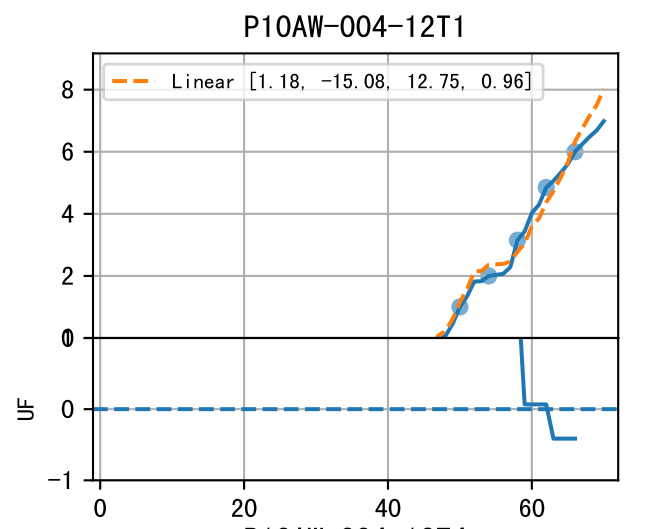


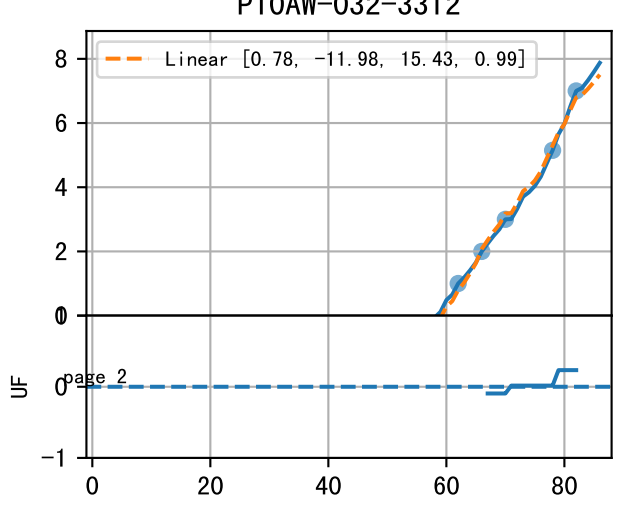
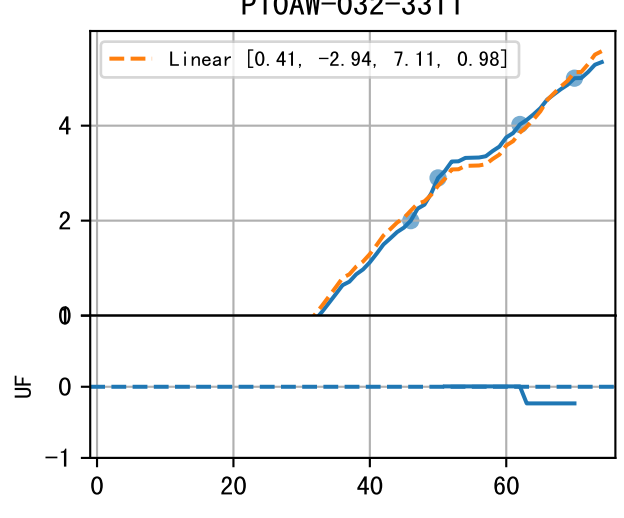
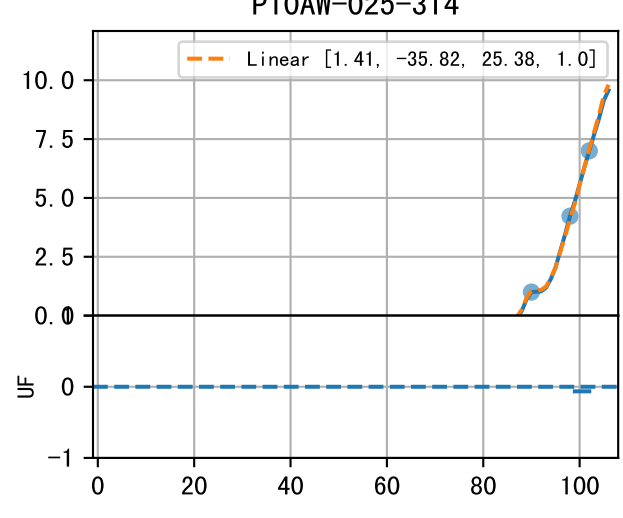
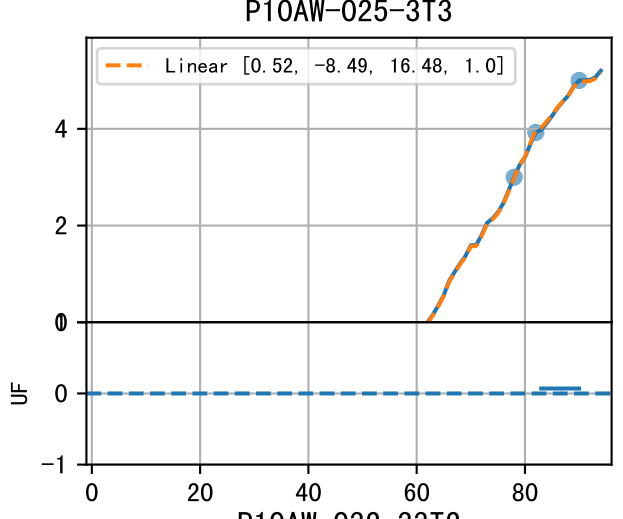
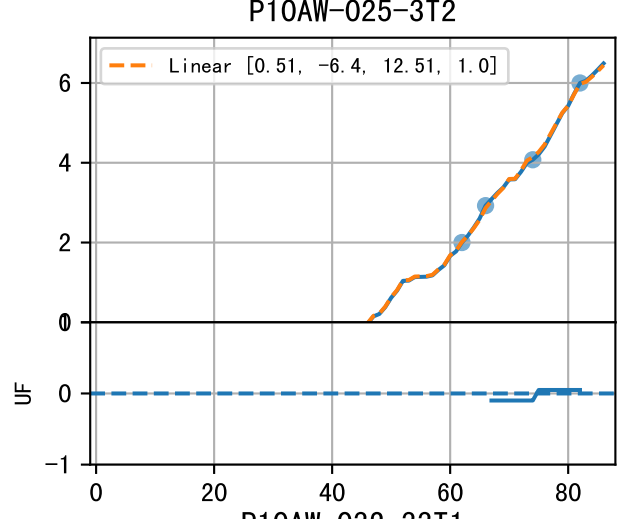
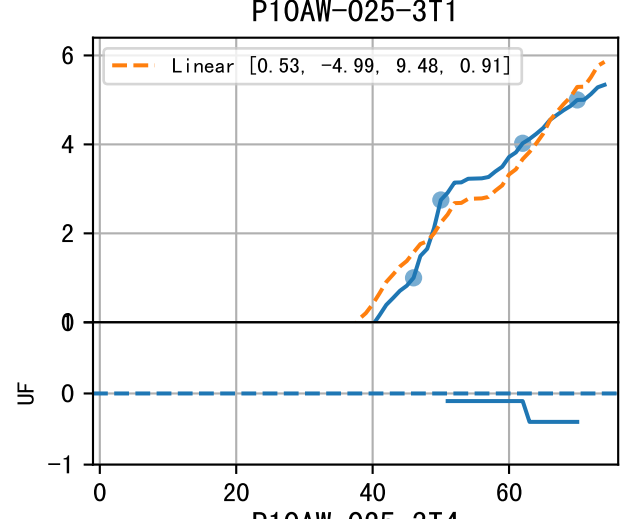
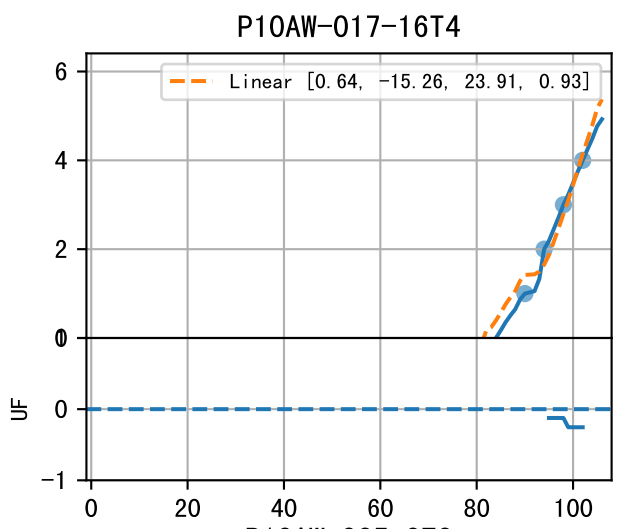
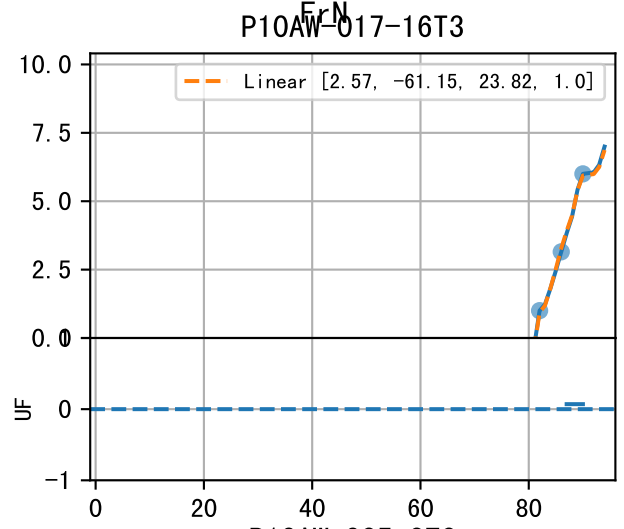
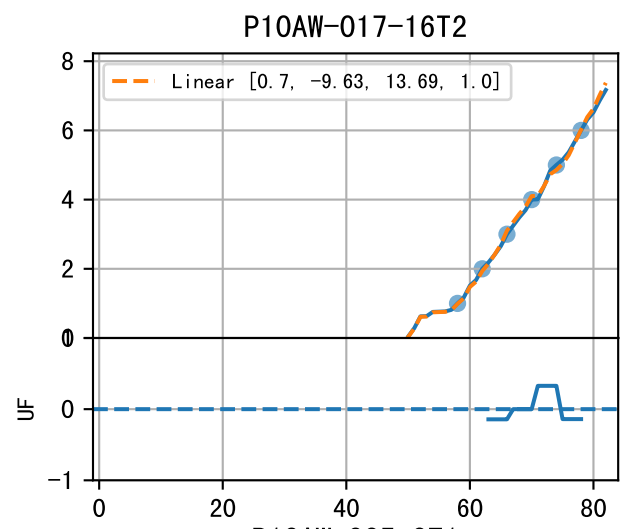
By Start Date



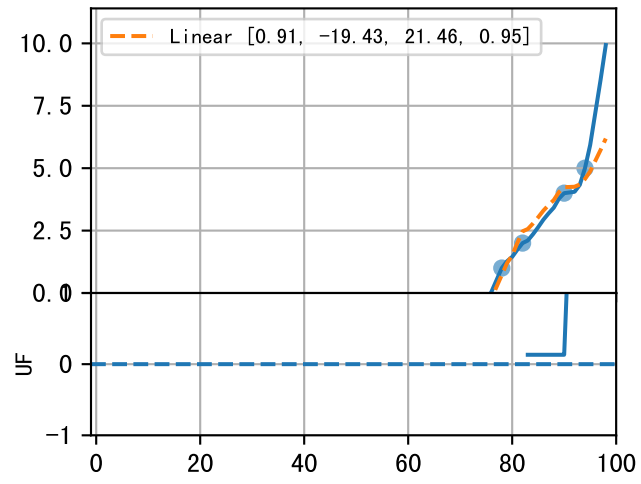
By Plant/Organ Age



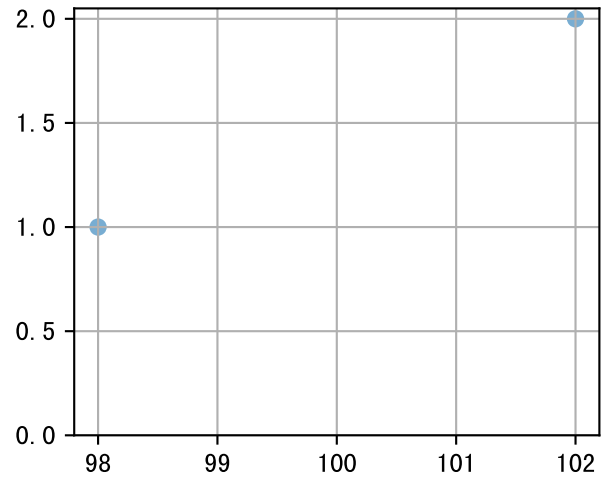


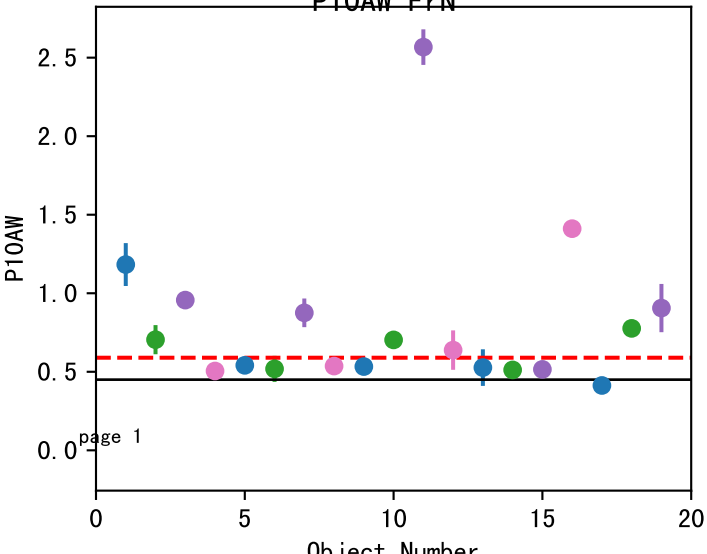


P10AW-032-33T3

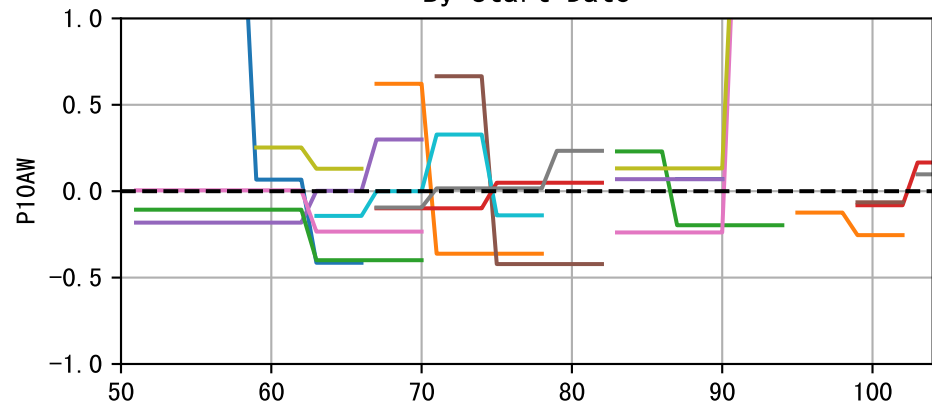


P10AW-032-33T4 (fit failed)

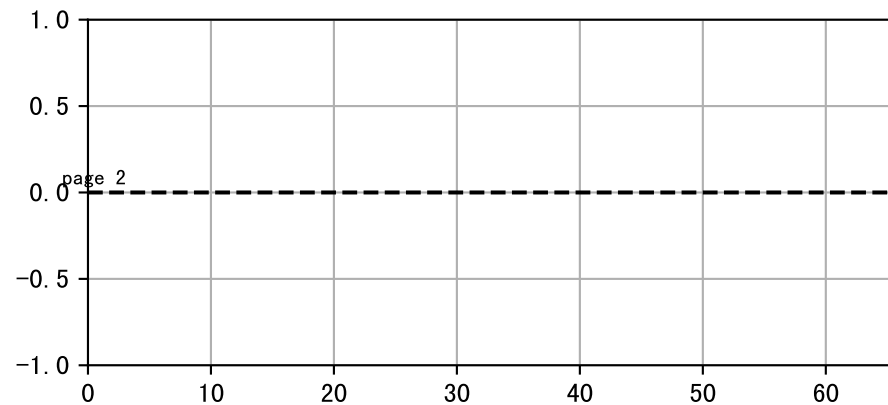
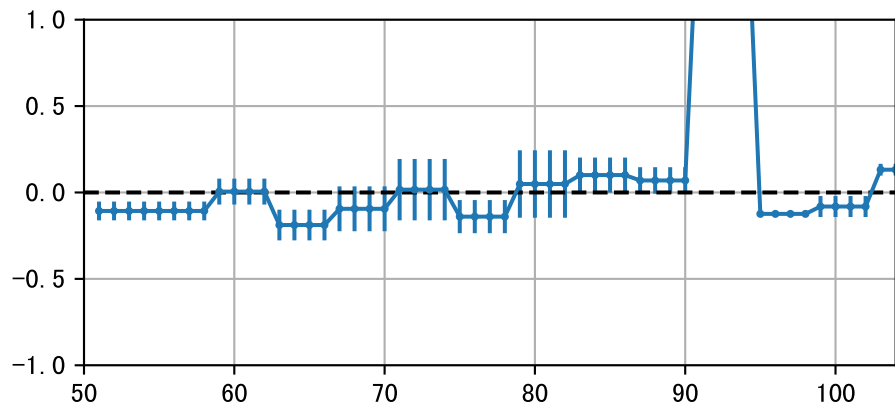
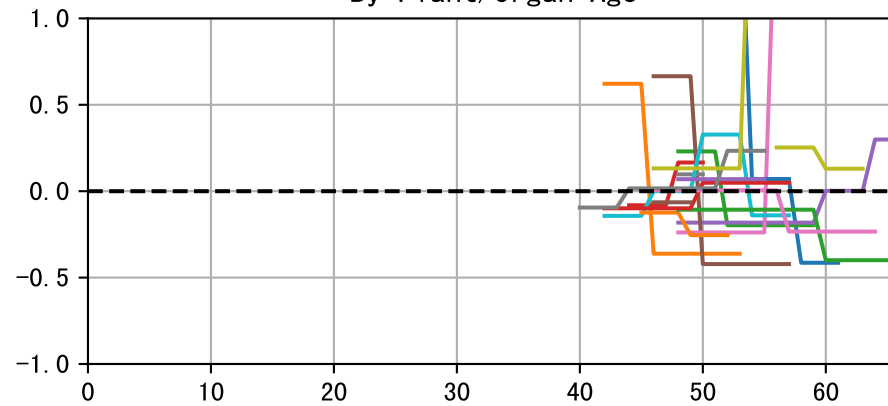


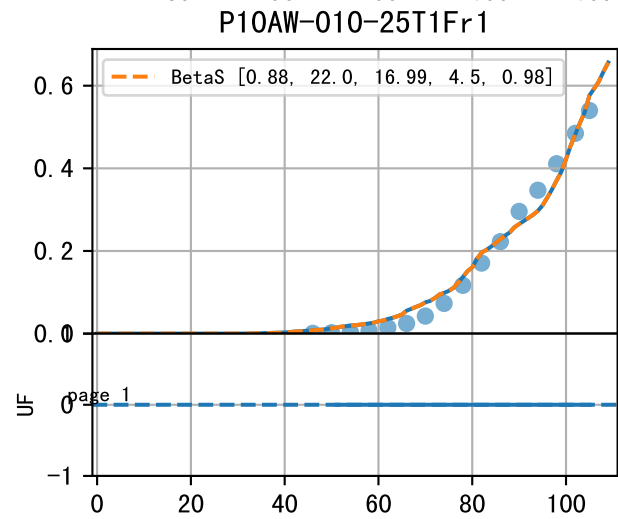
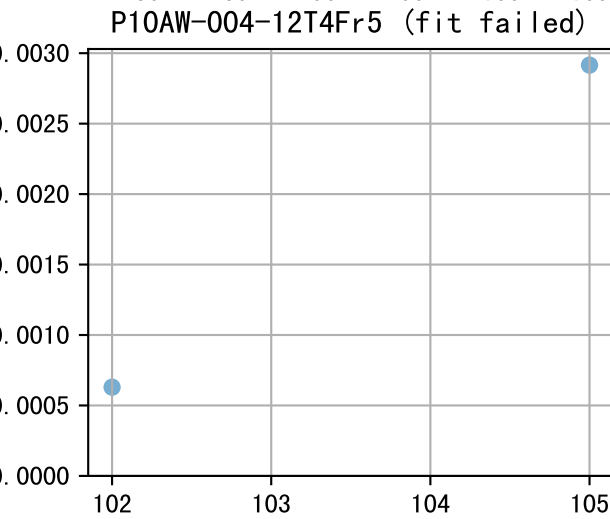
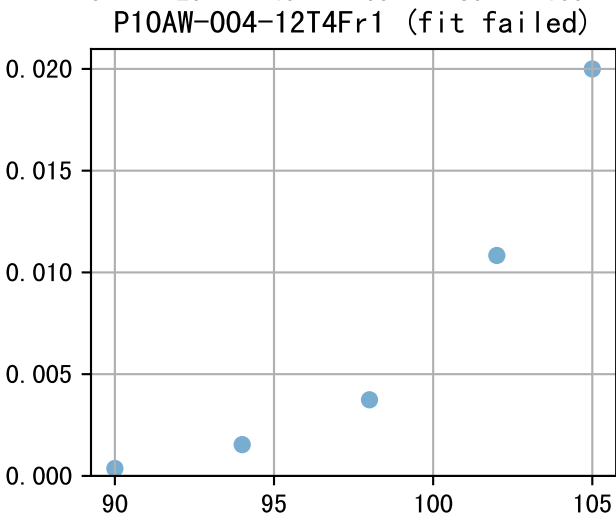
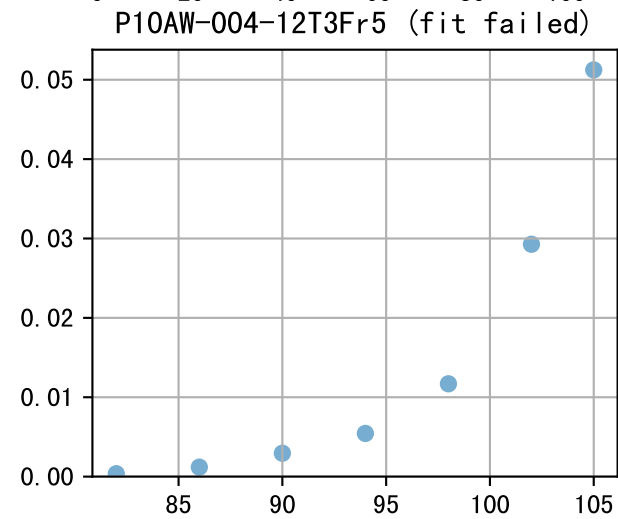
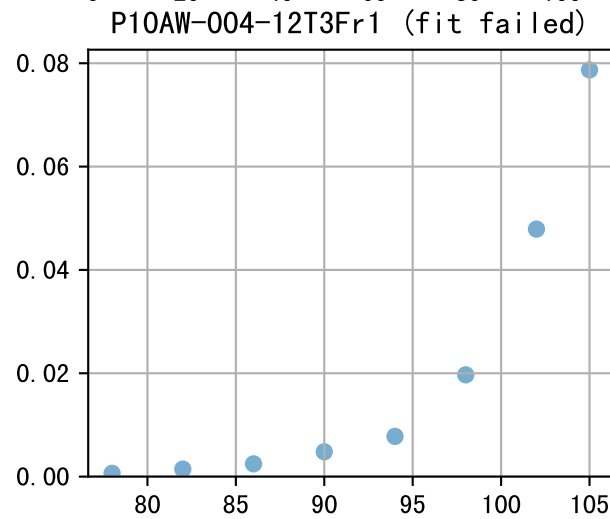
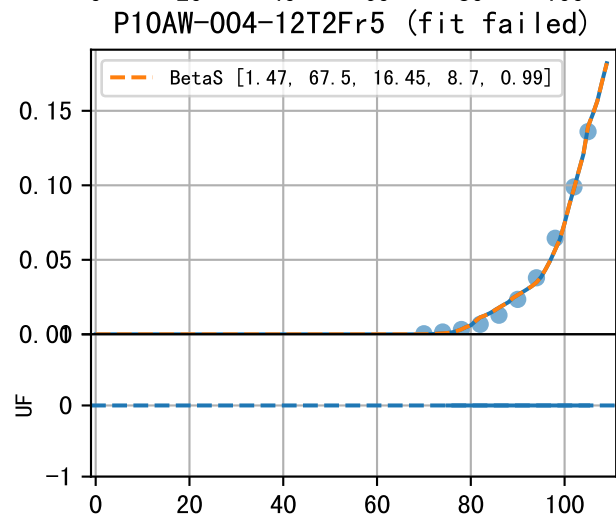
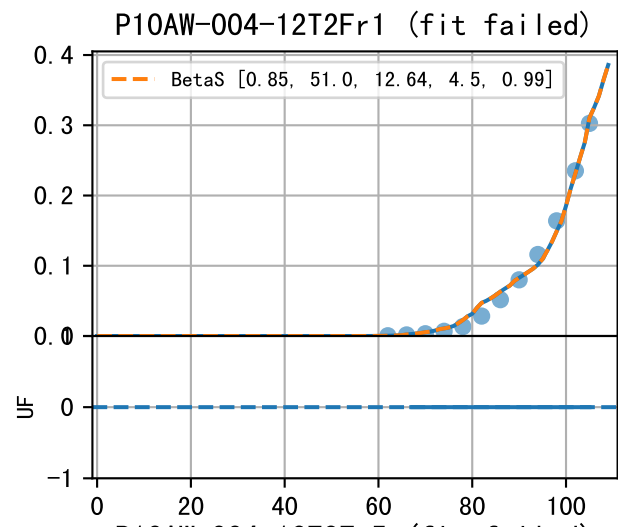
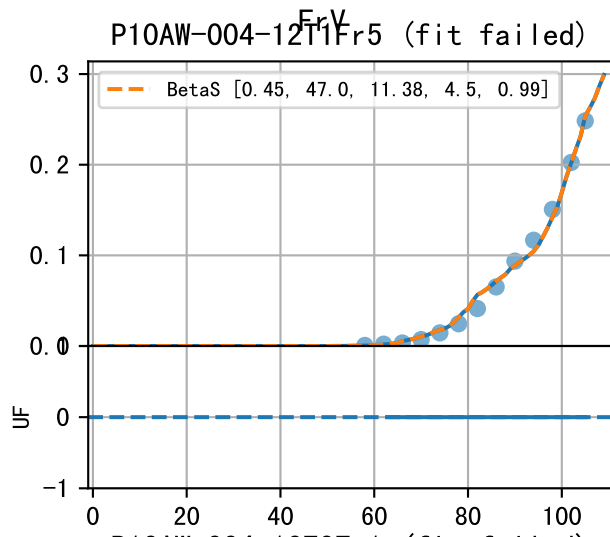
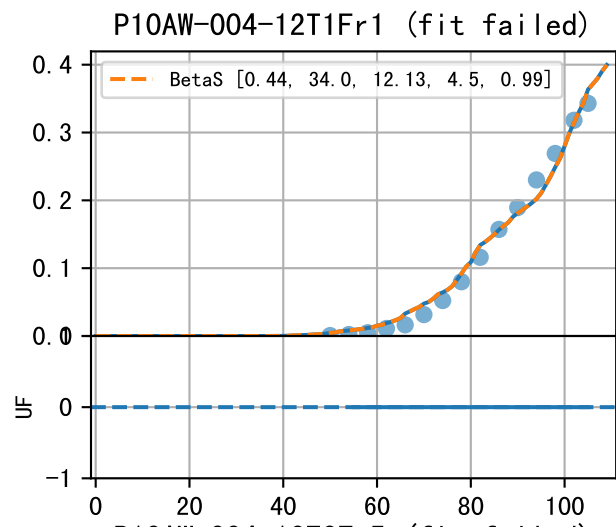


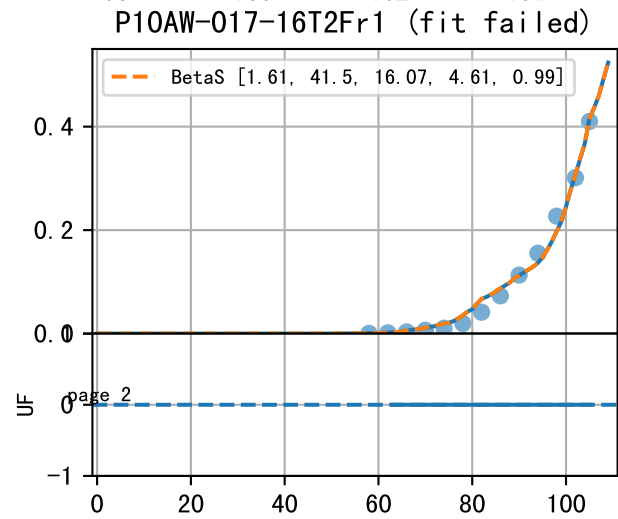
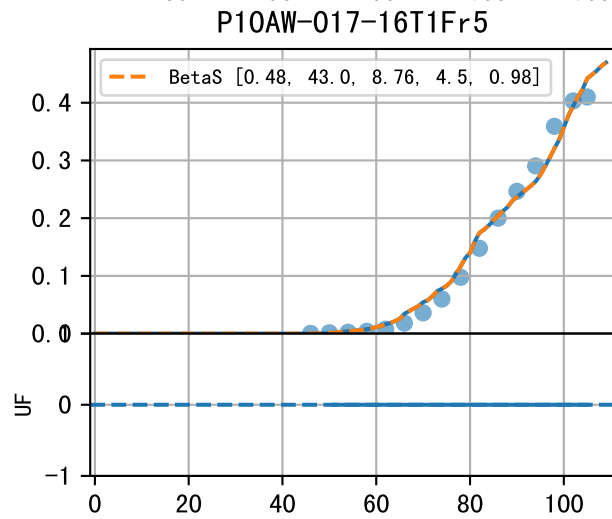
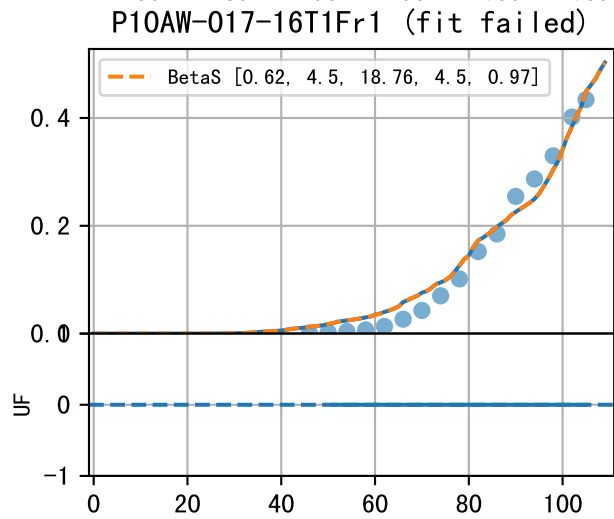
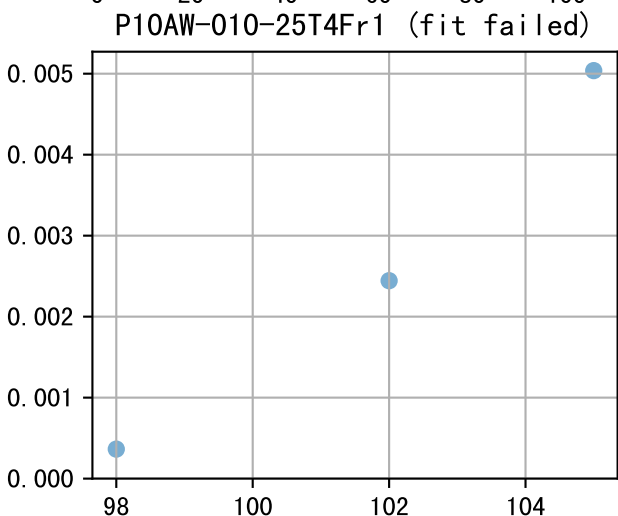
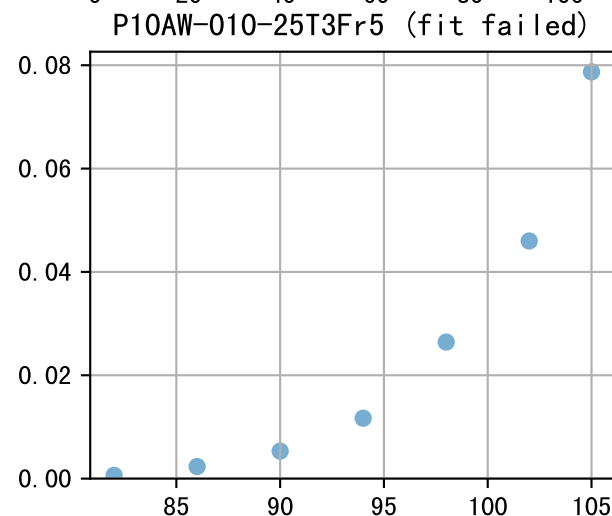
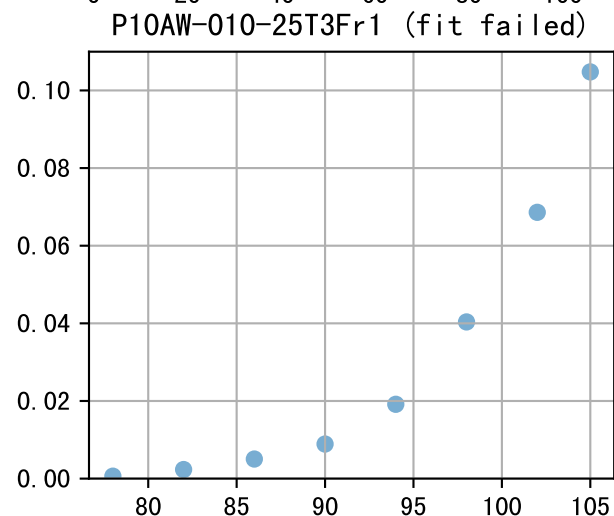
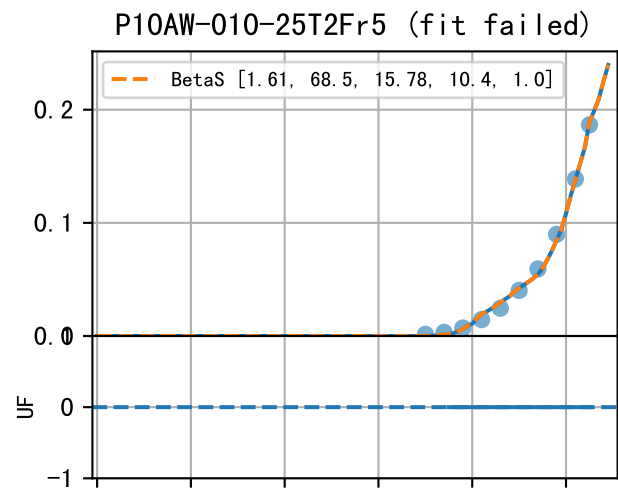
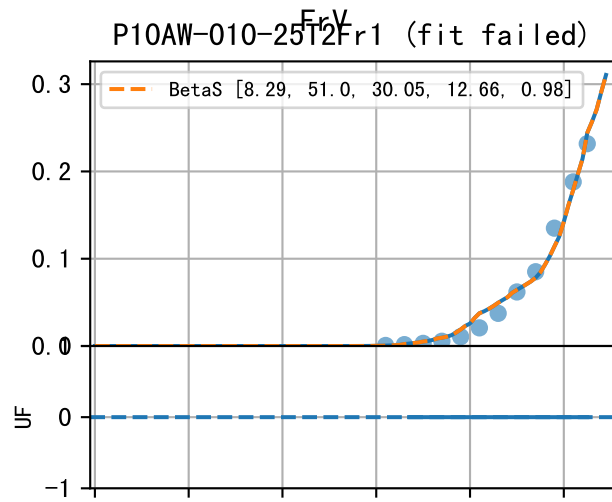
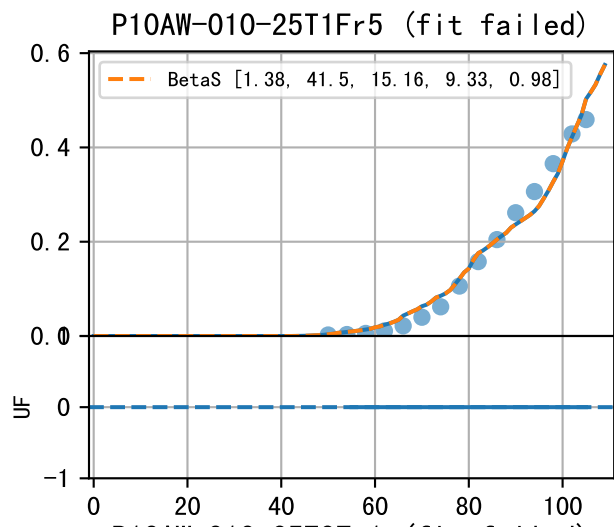
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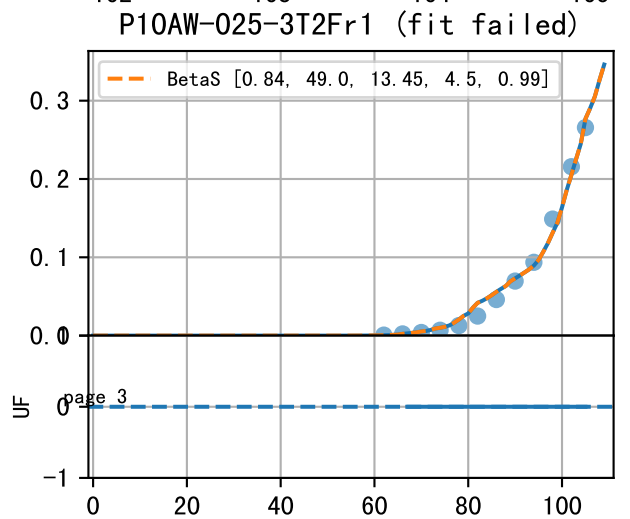
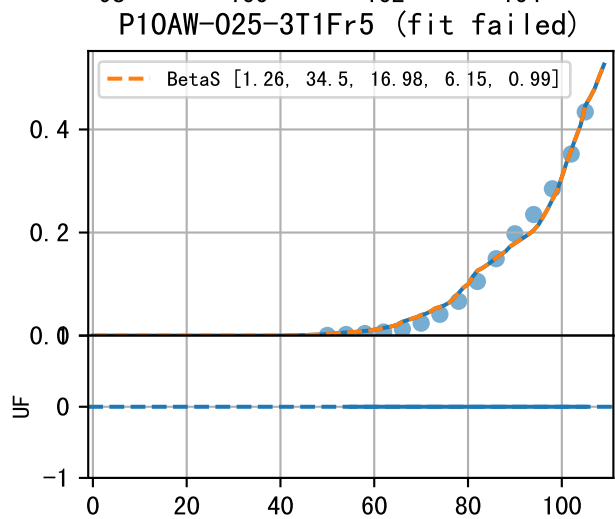
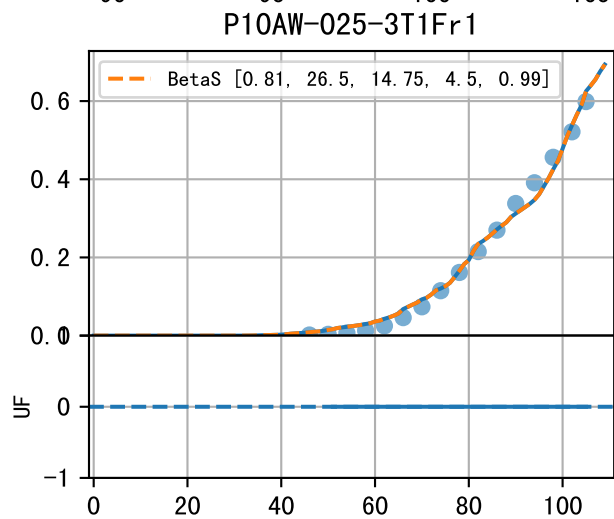
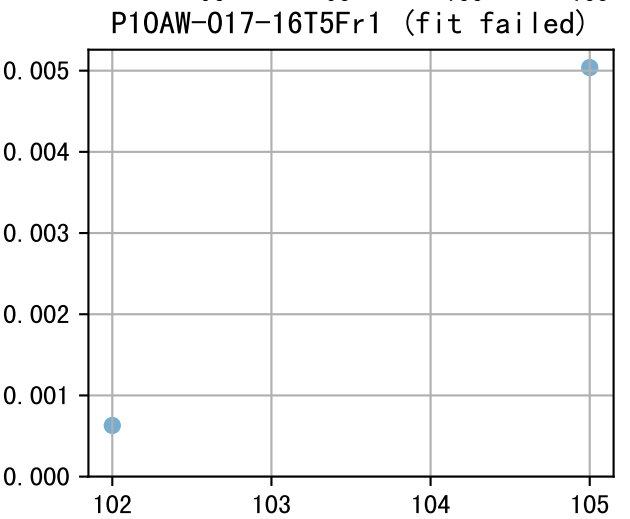
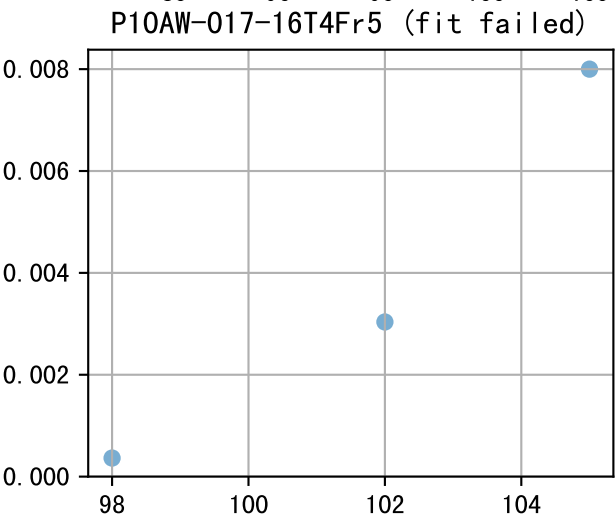
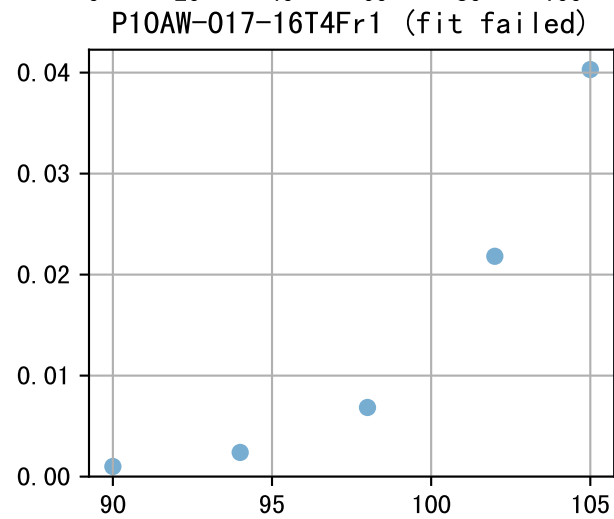
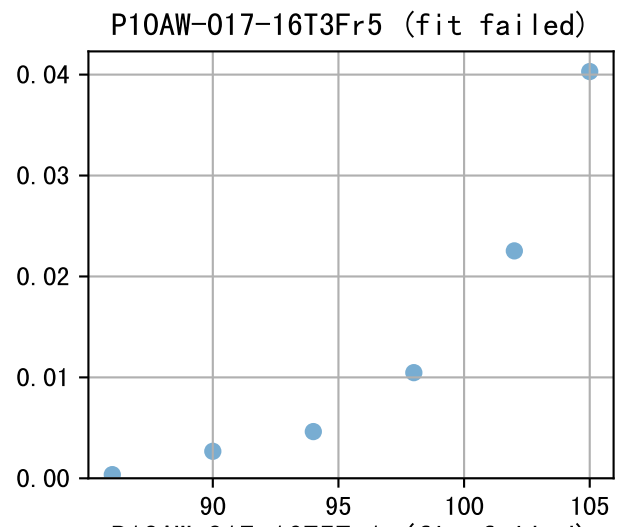
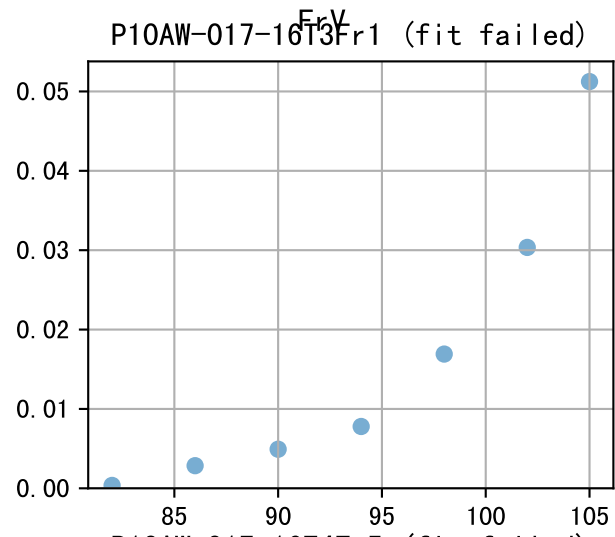
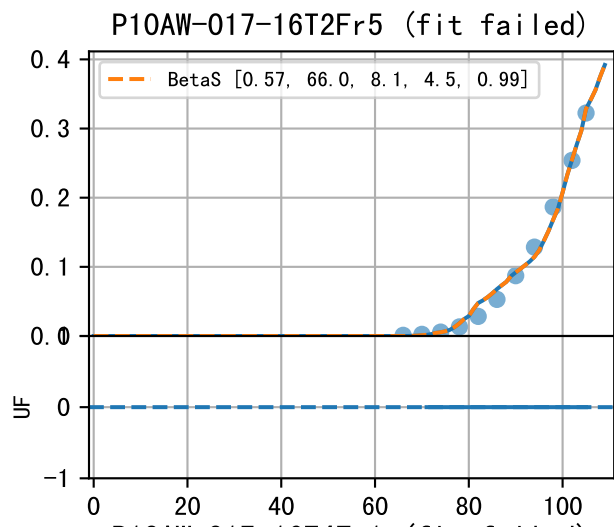


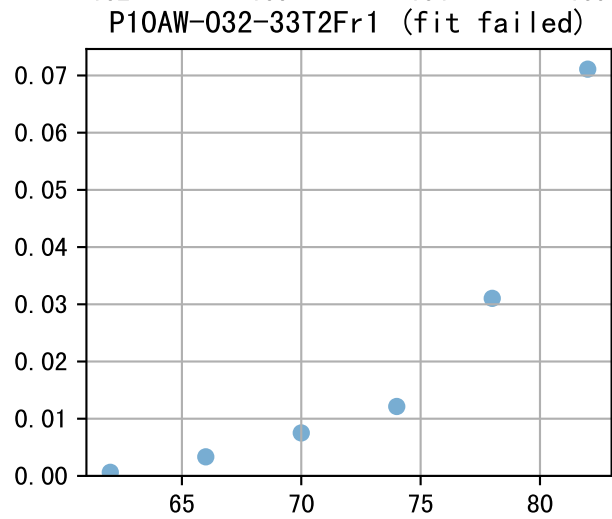
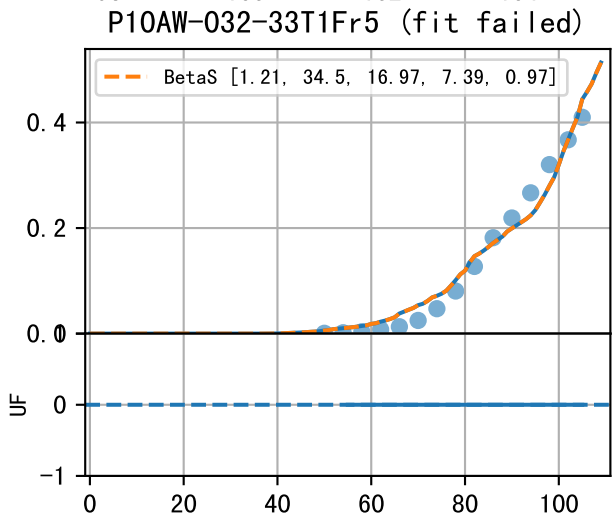
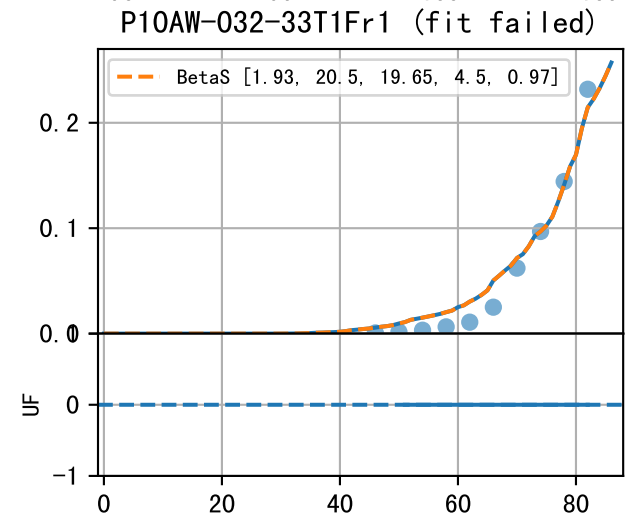
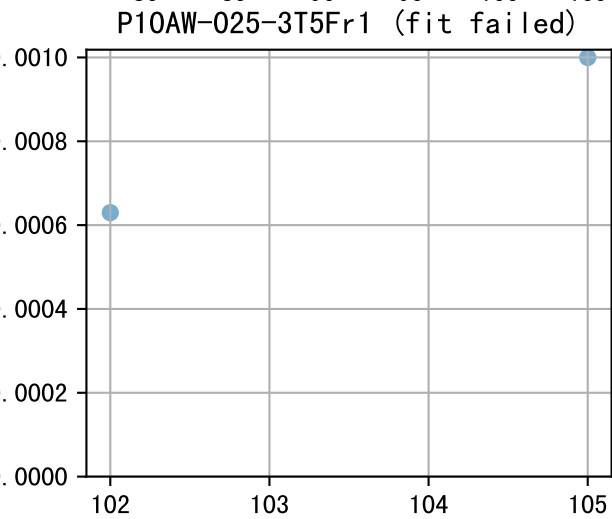
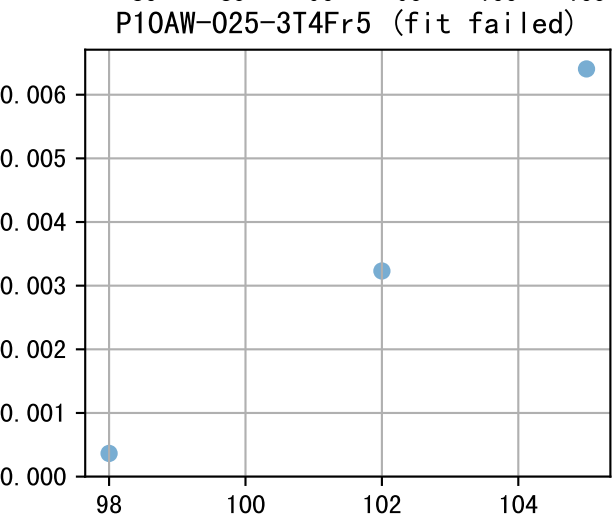
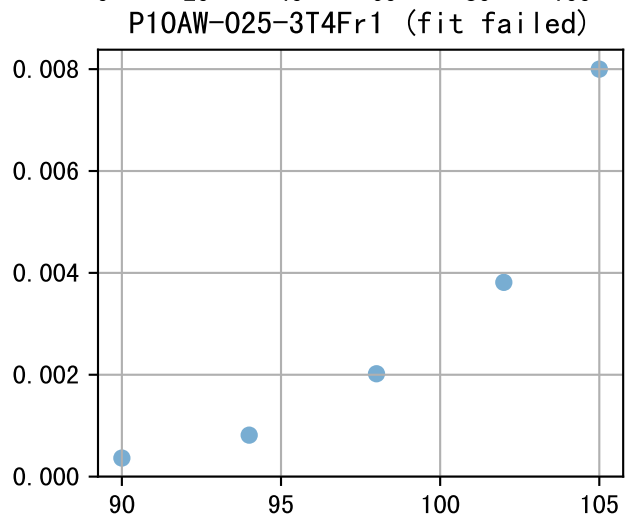
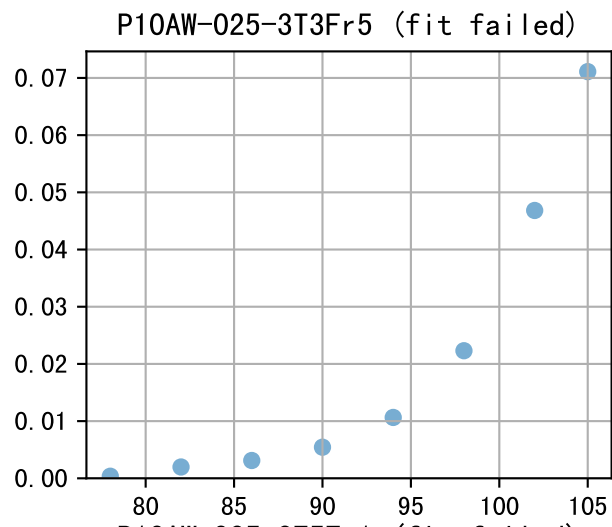
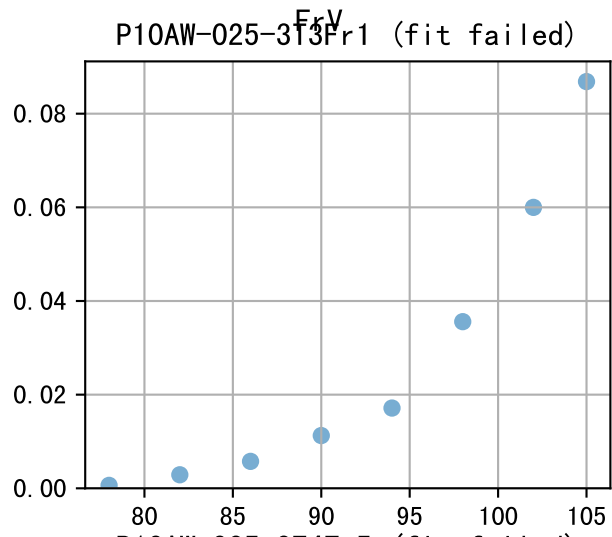
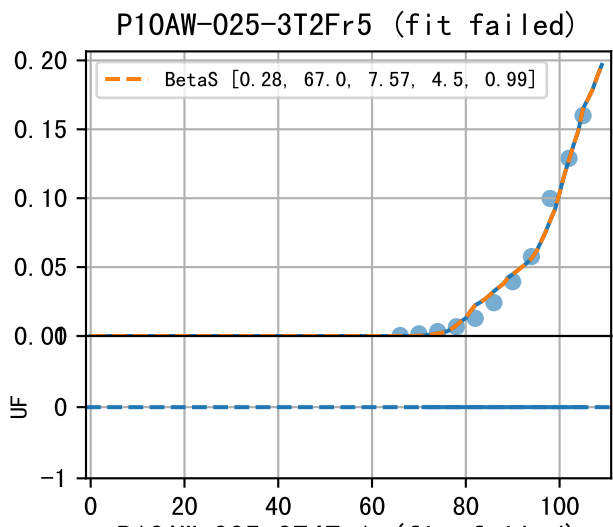
By Plant/Organ Age

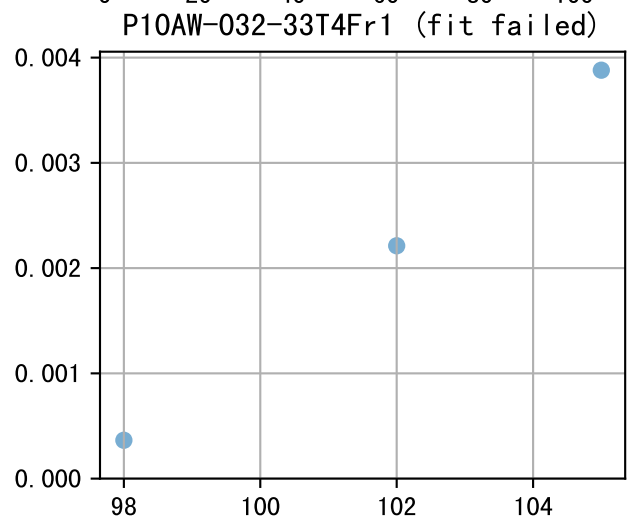
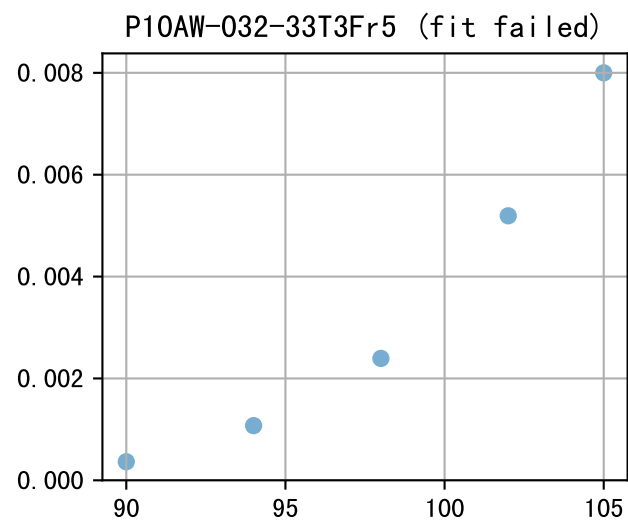
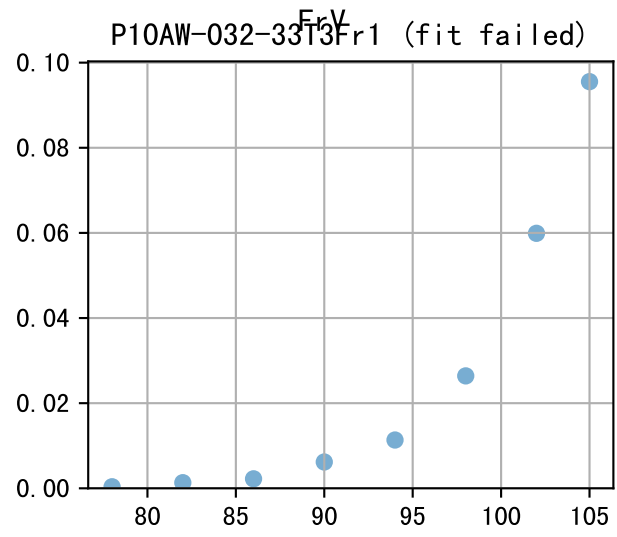
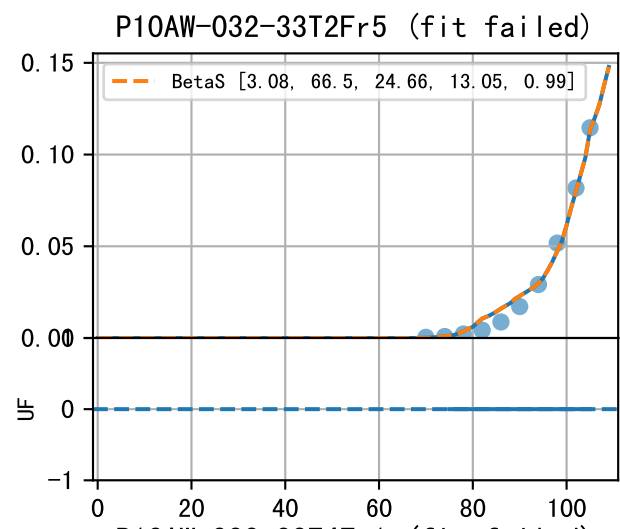


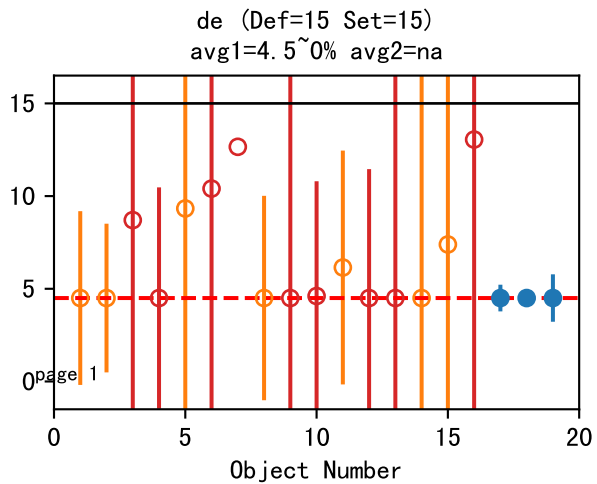
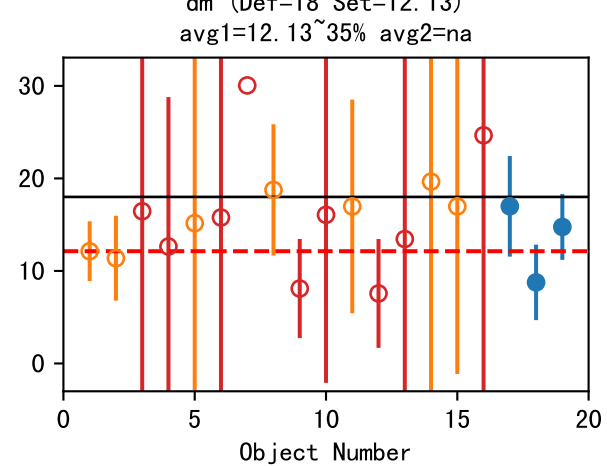
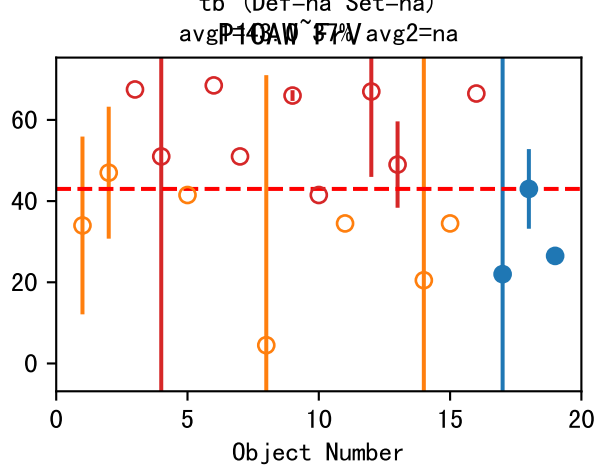
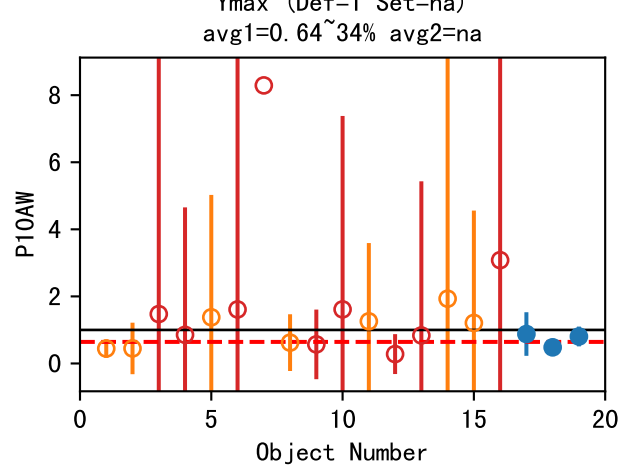




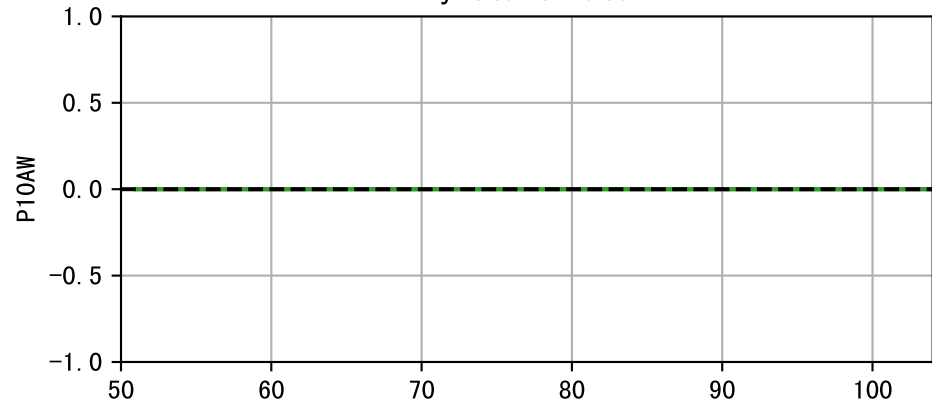




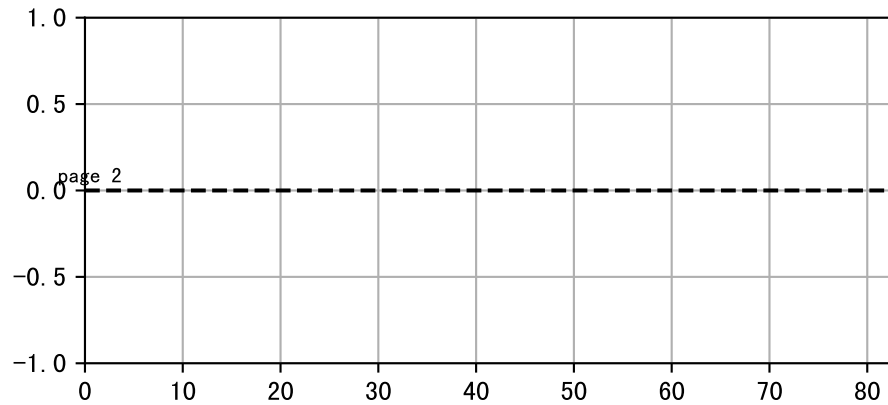
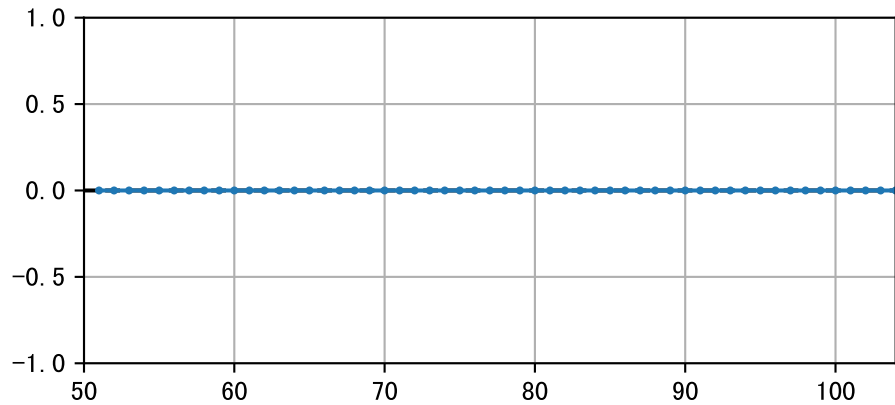
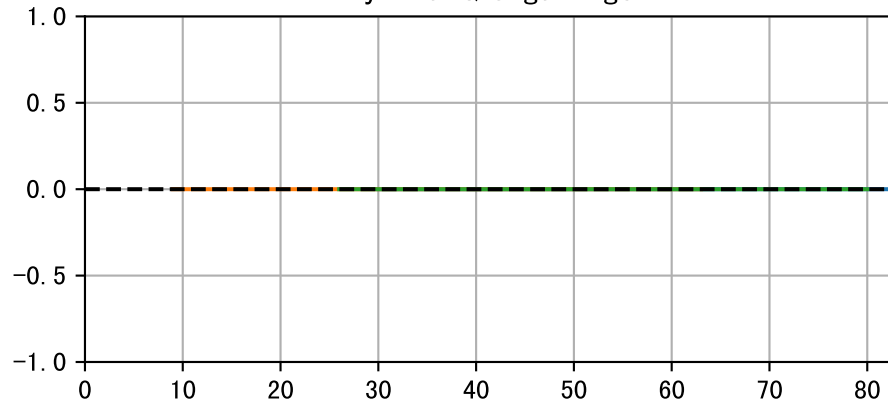


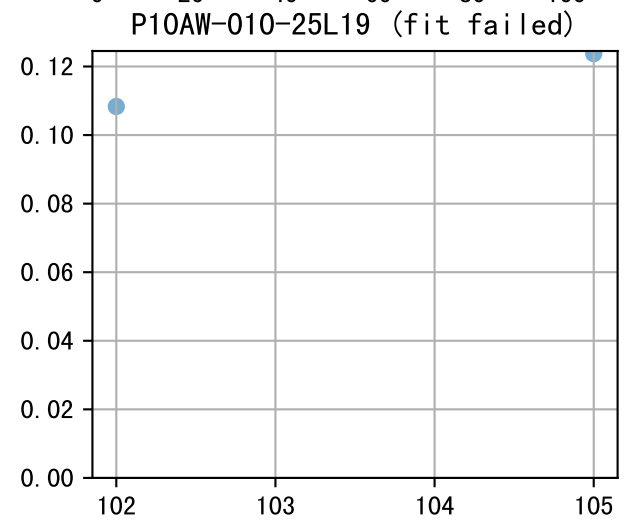
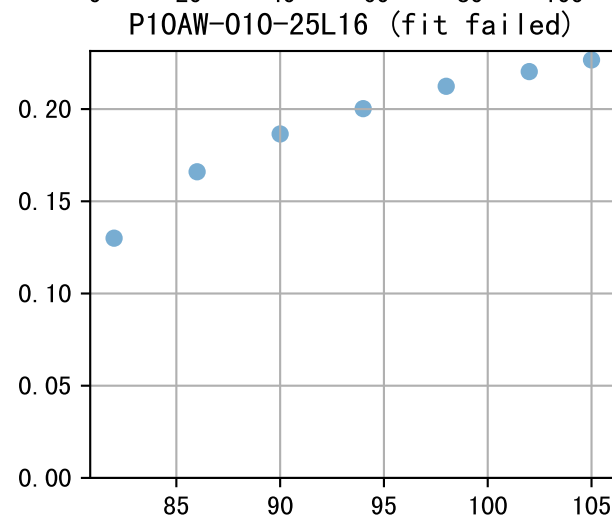
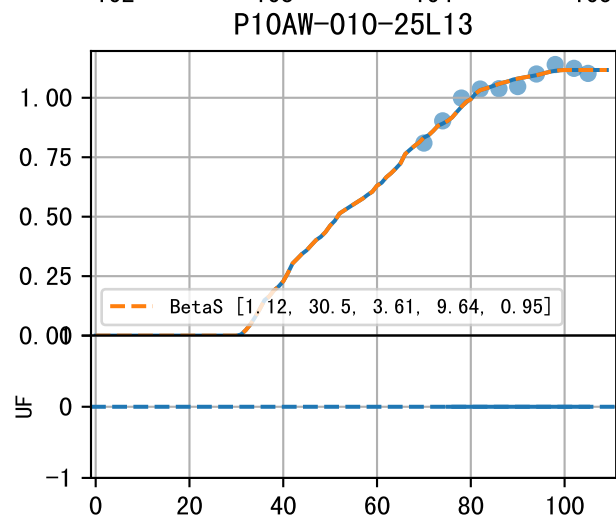
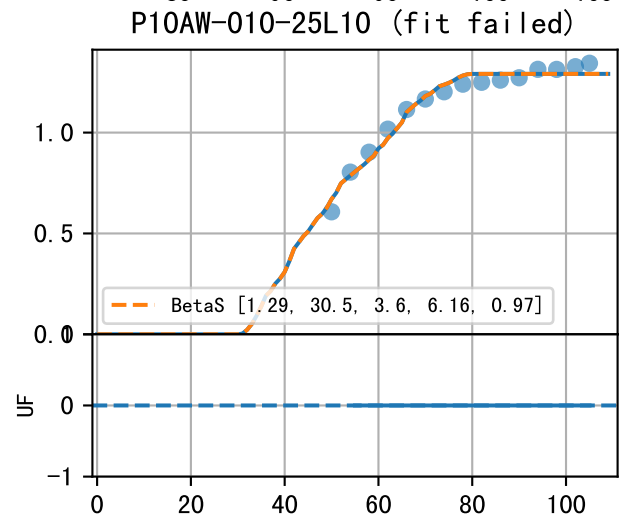
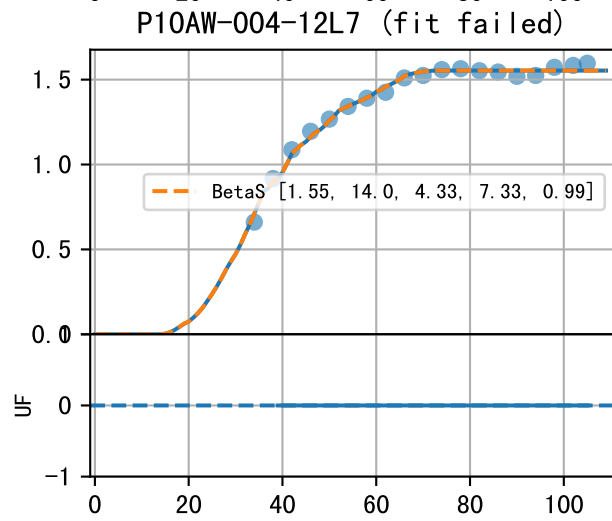
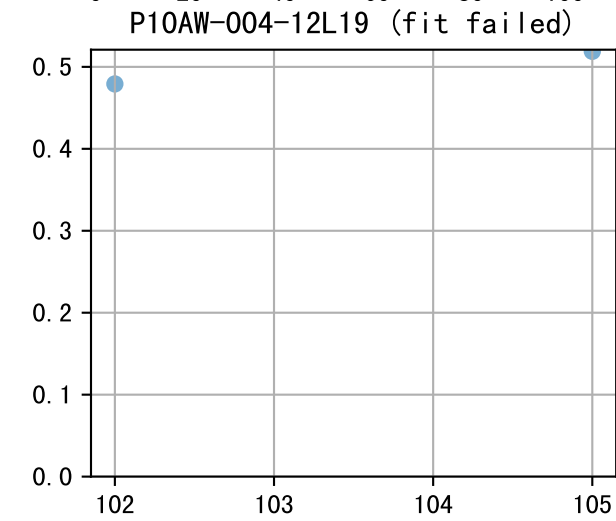
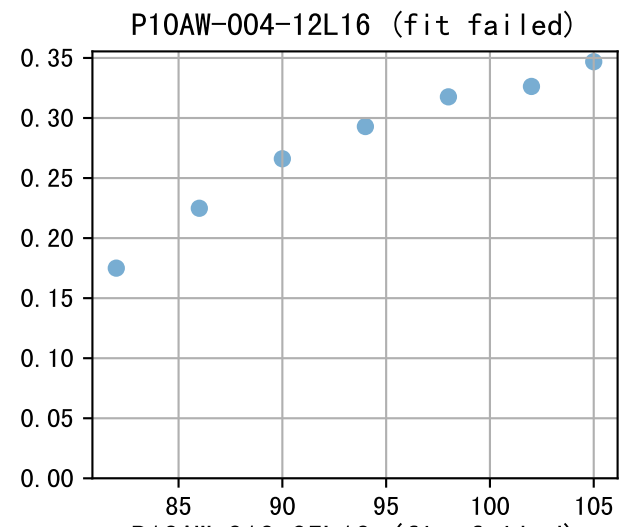
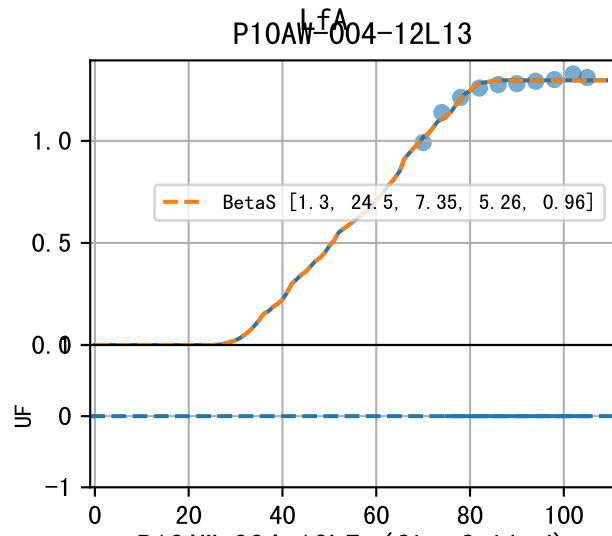
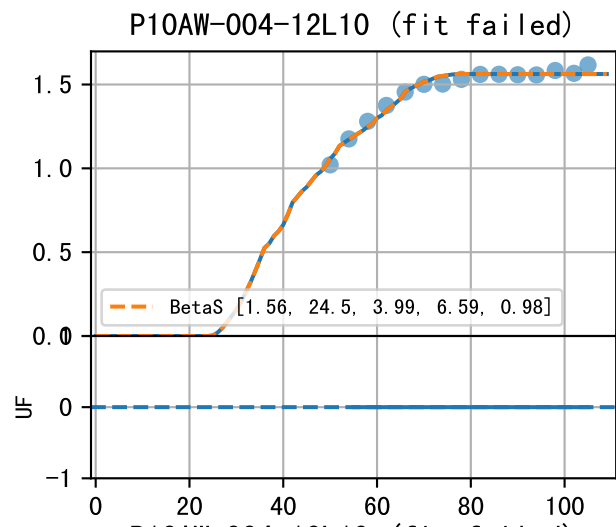


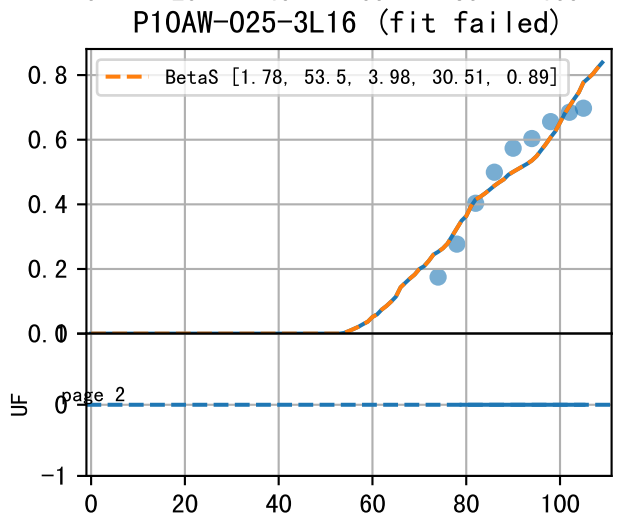
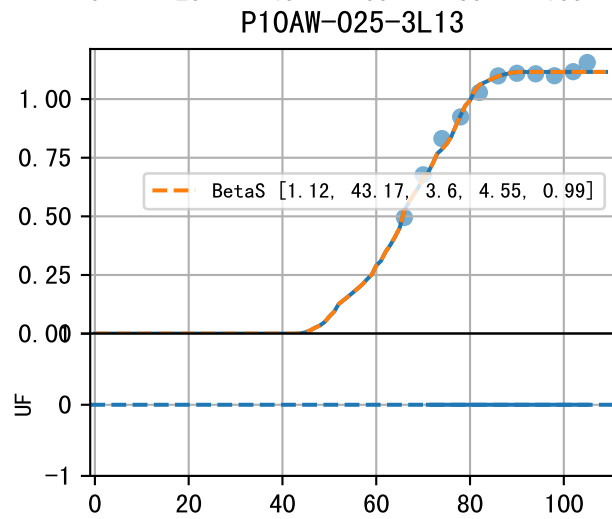
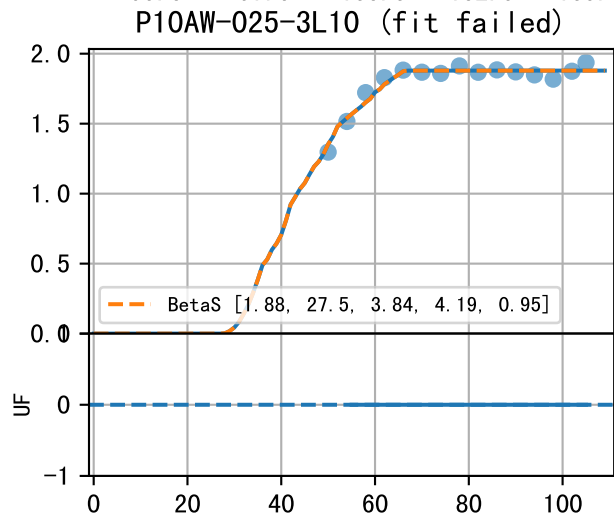
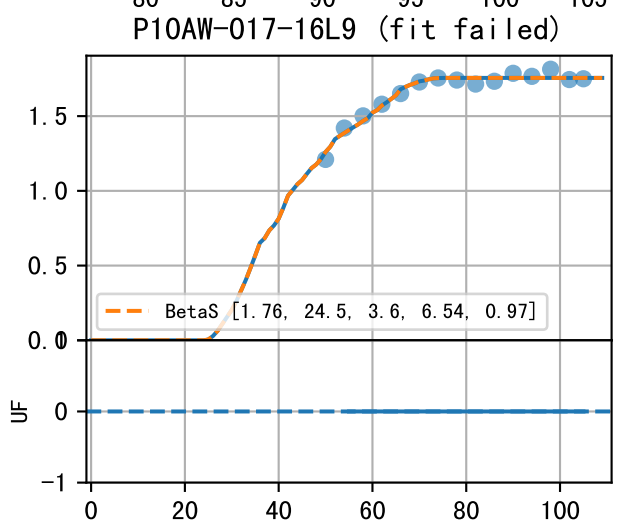
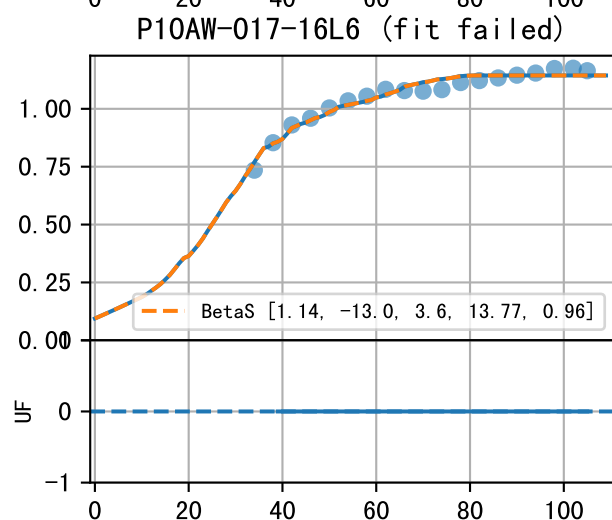
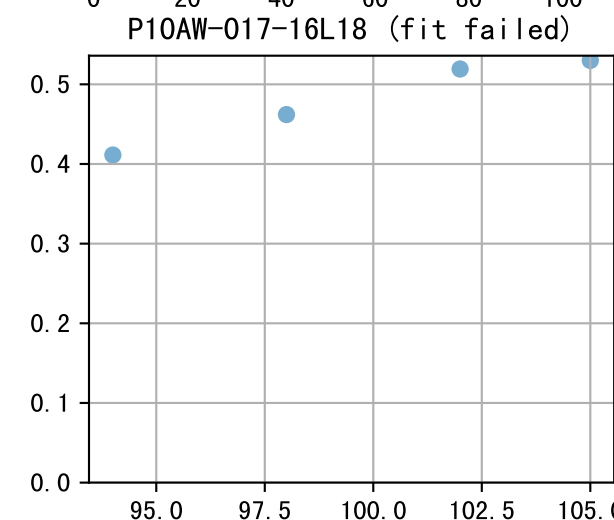
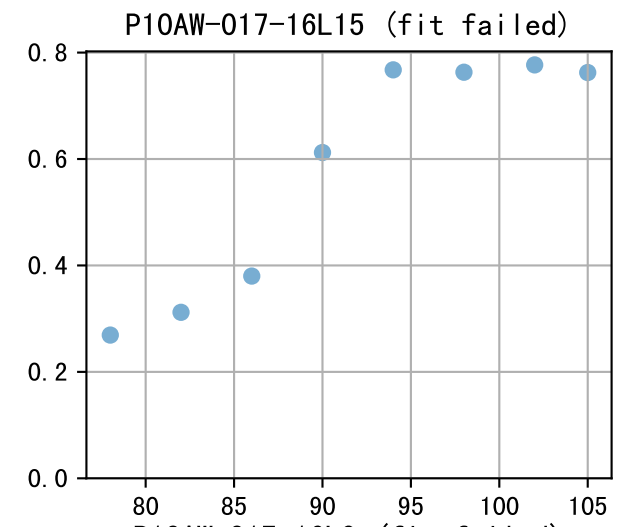
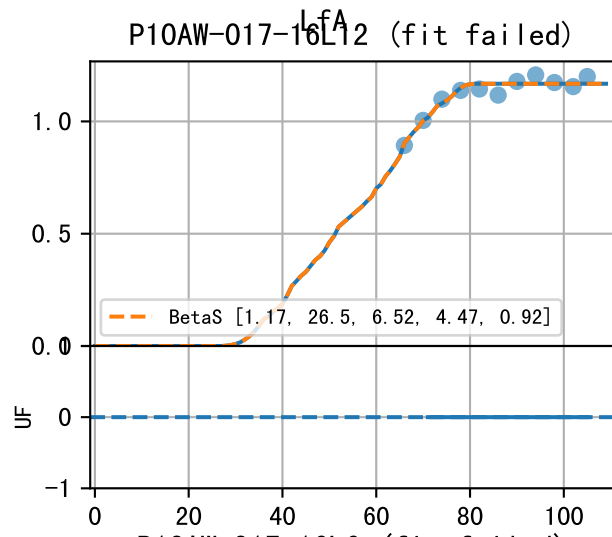
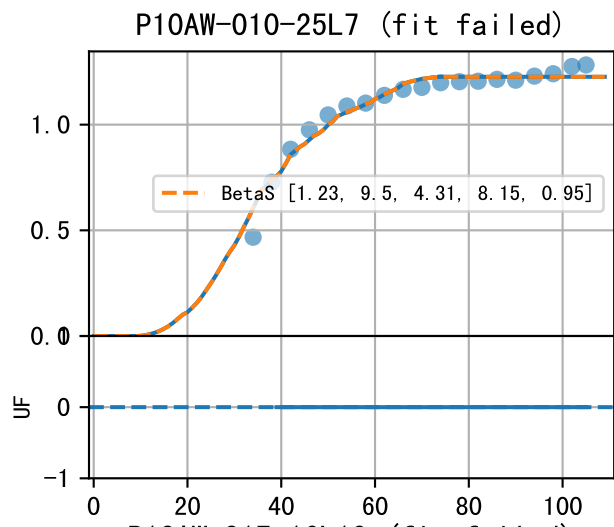
By Start Date



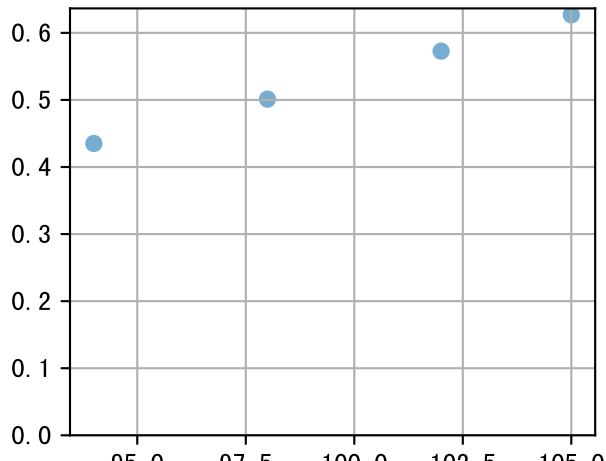
By Plant/Organ Age



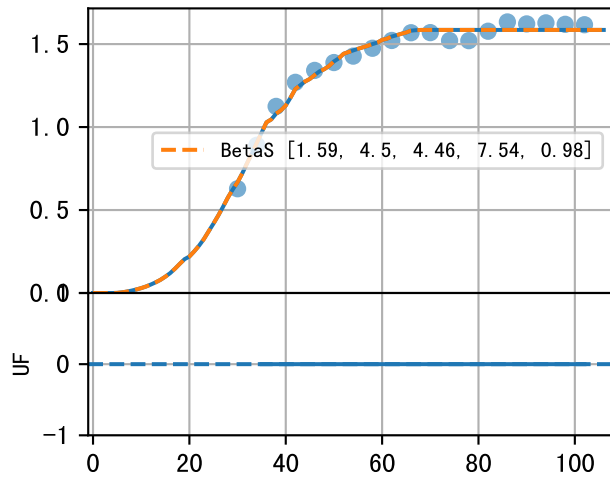




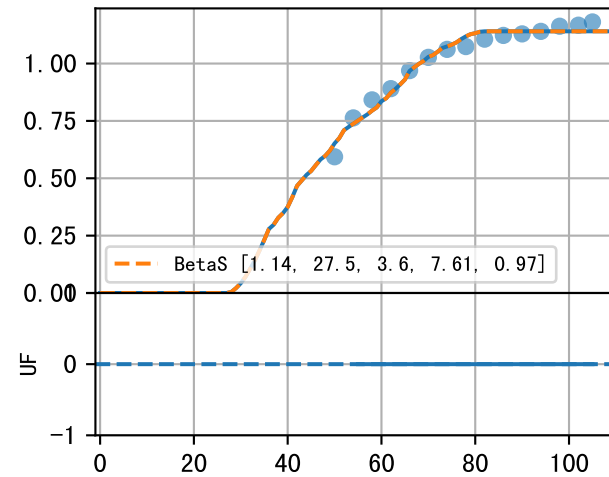
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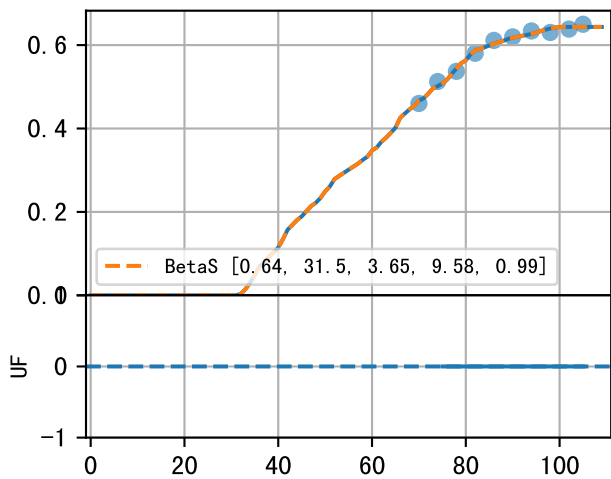
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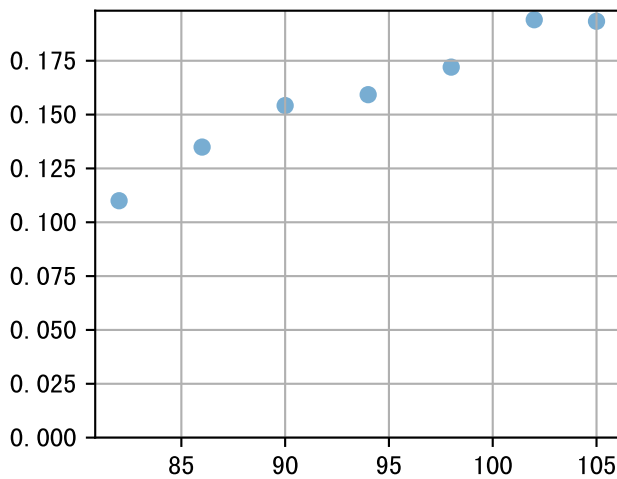
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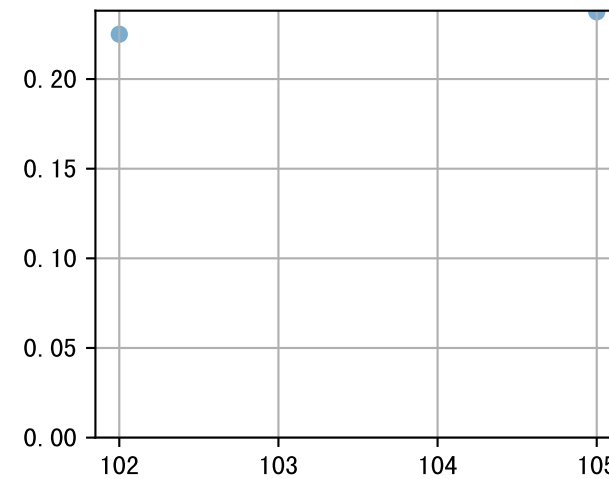
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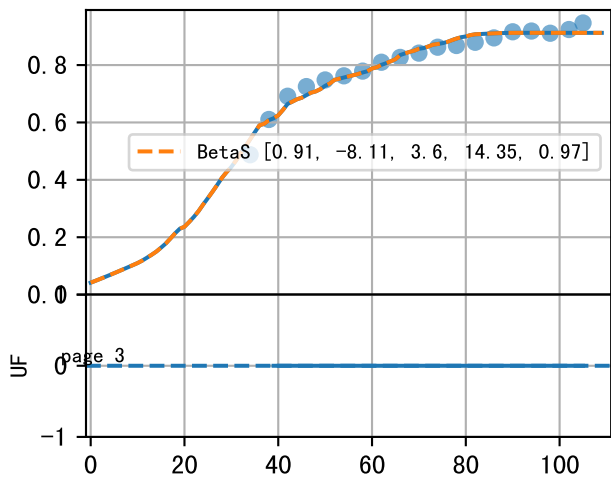
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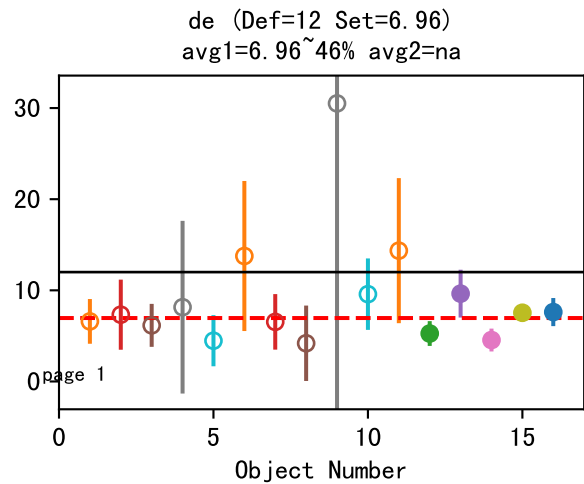
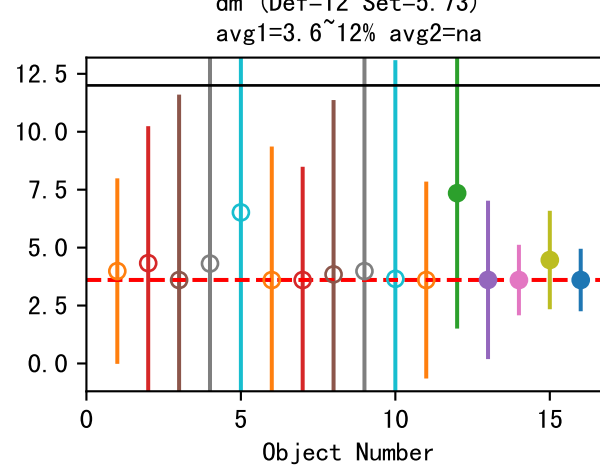
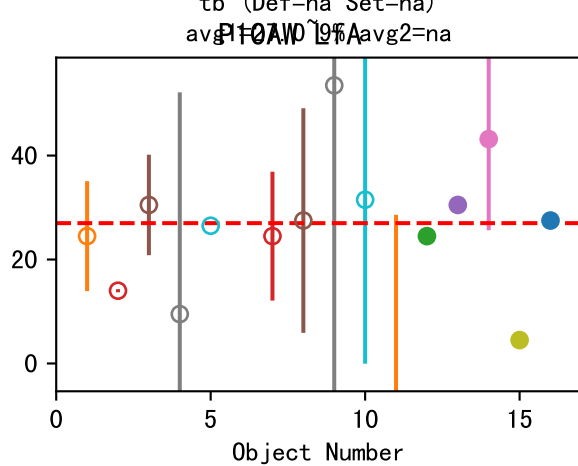
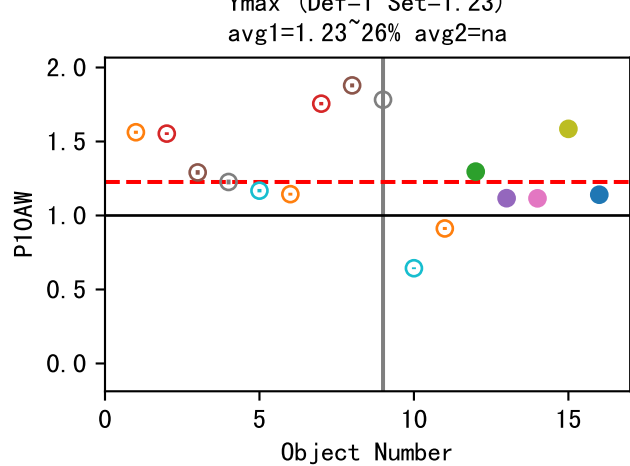


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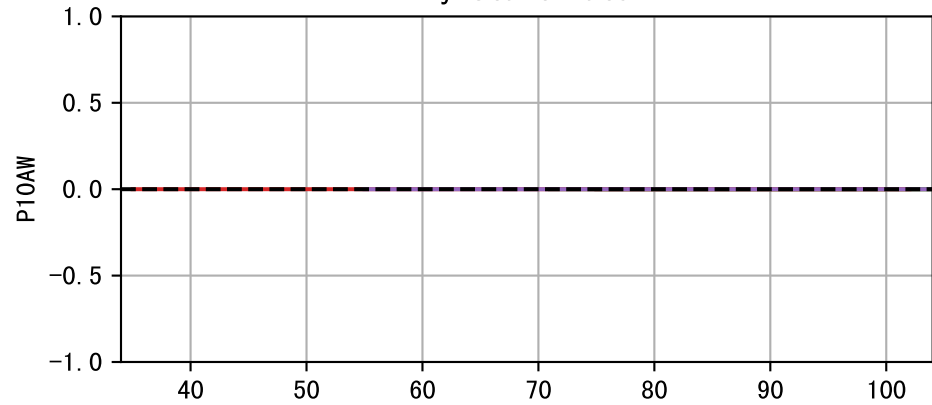


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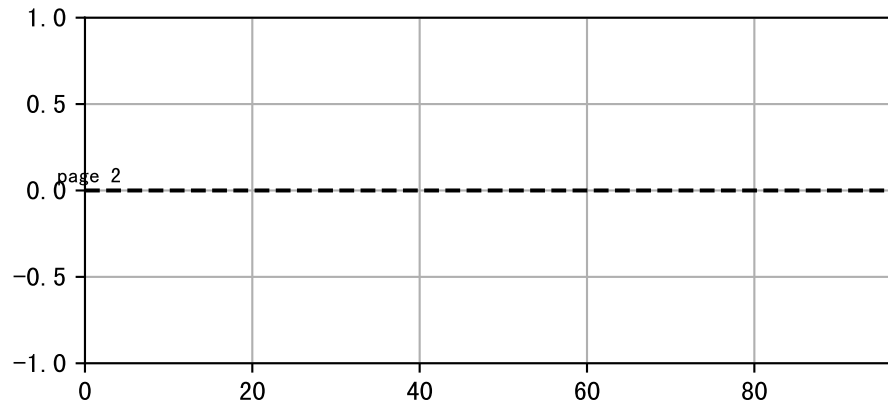
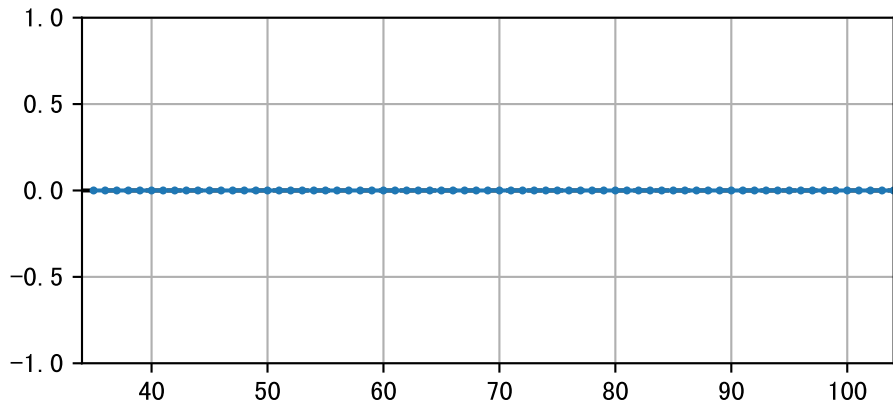
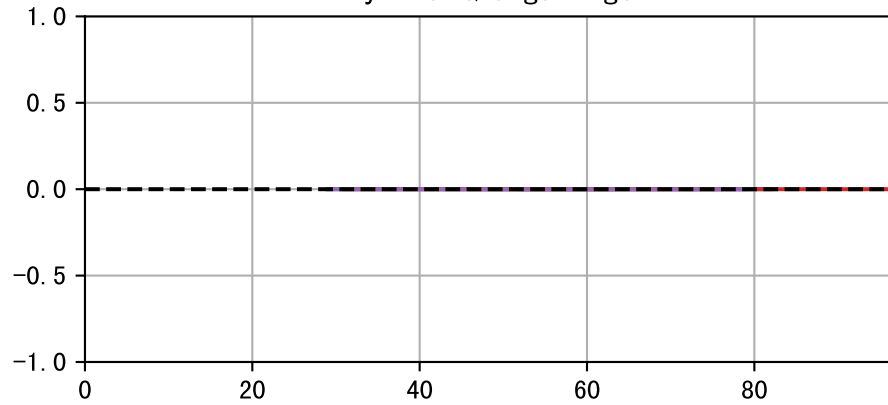


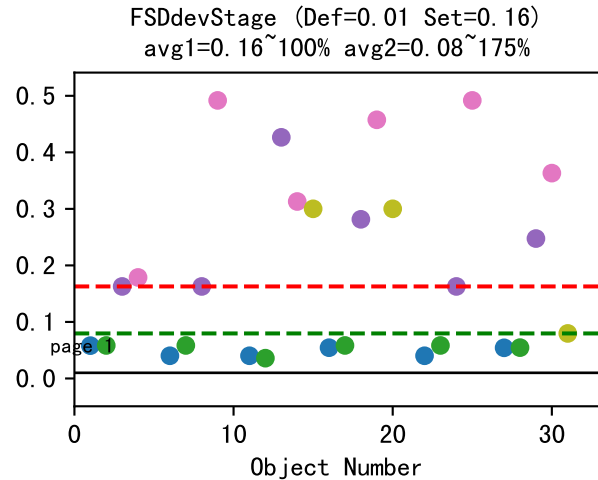
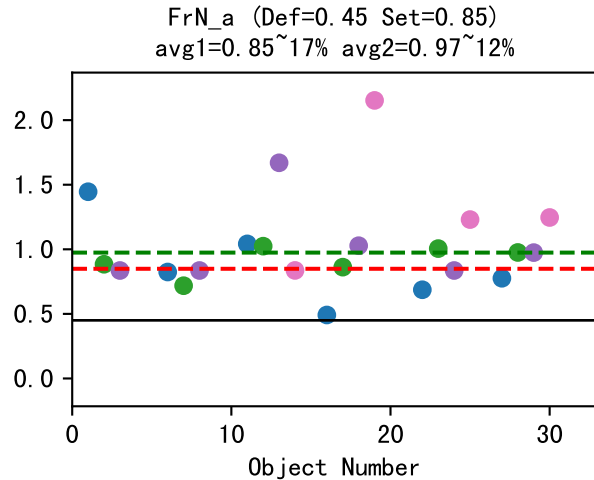
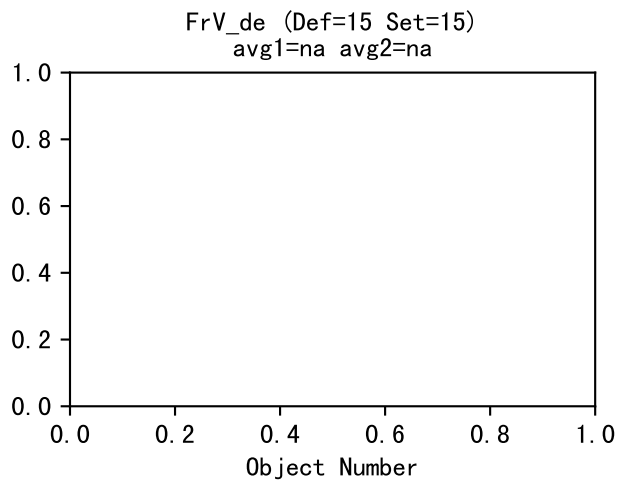
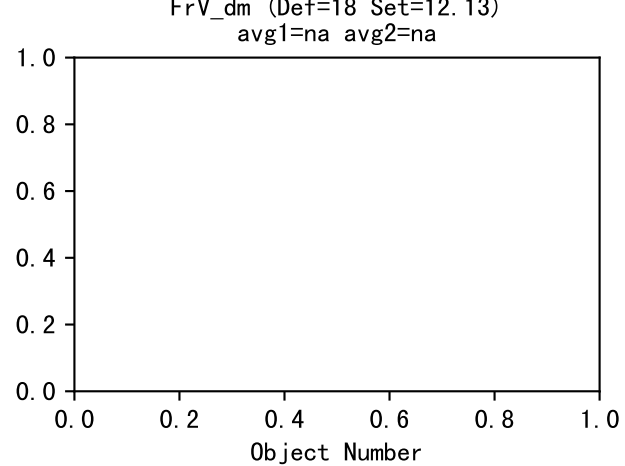
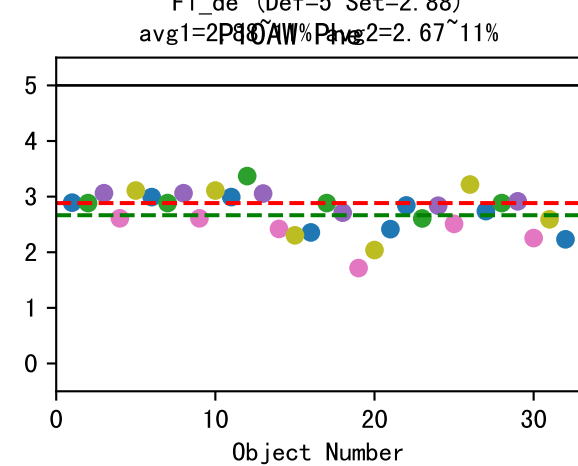
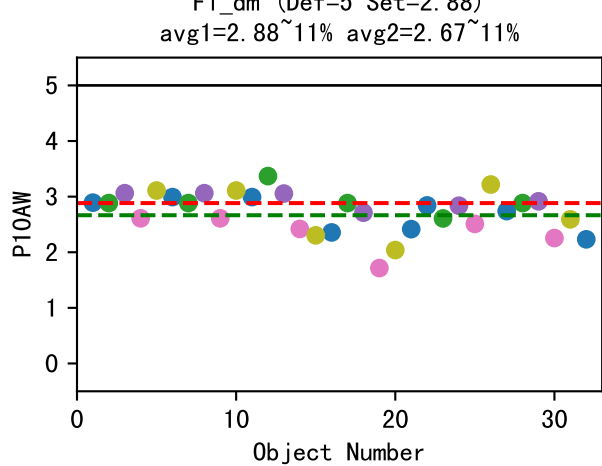


By Start Date

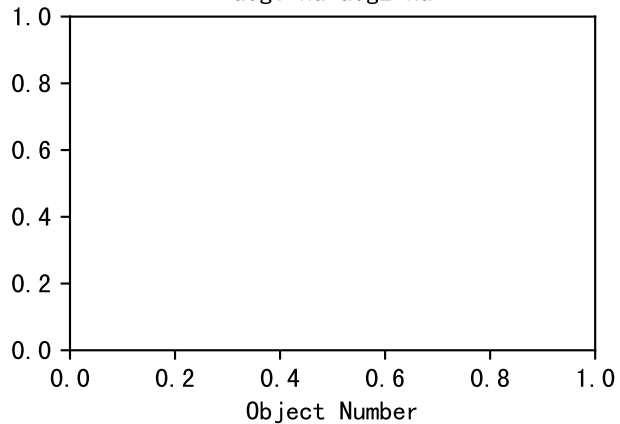


By Plant/Organ Age

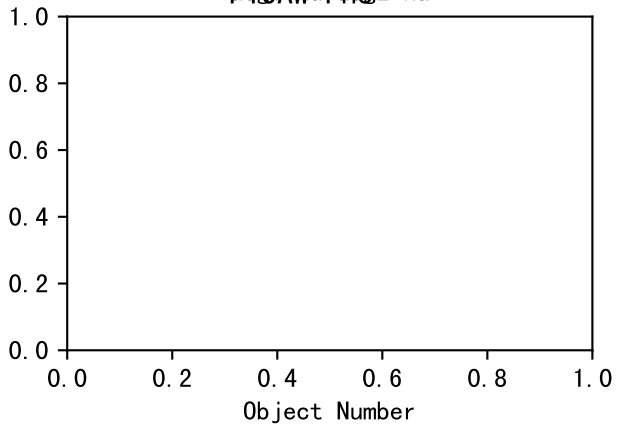




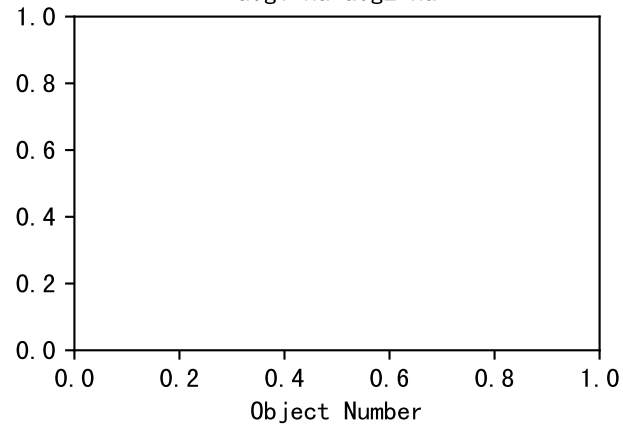
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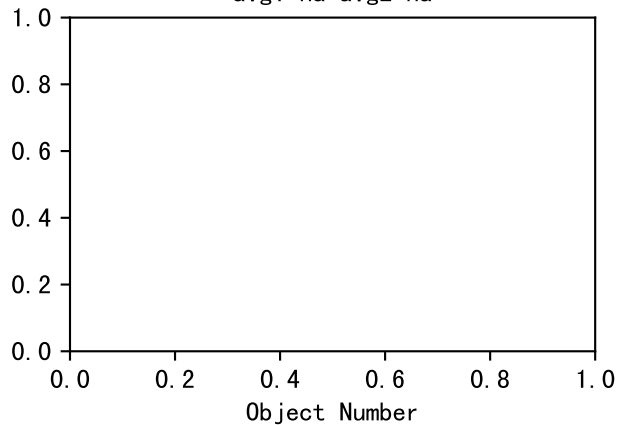
FMBDdevStage (Def=1.3 Set=1.3)  
avg1=na avg2=na



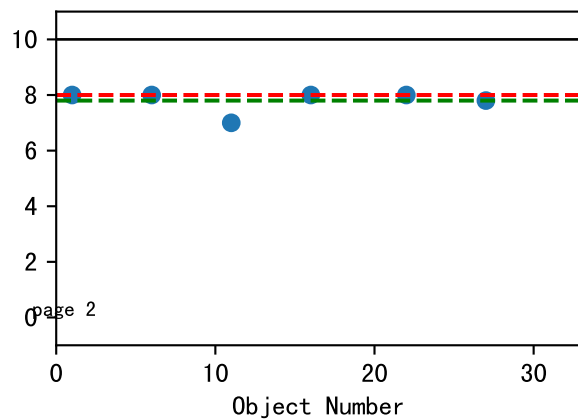
FMEDdevStage (Def=1.8 Set=1.8)  
avg1=na avg2=na



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

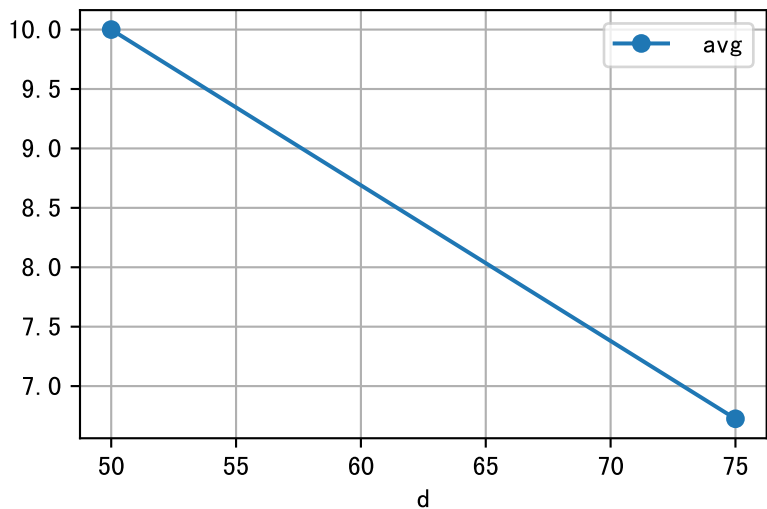


NNgen (Def=10 Set=8)  
avg1=8.0~0% avg2=7.8

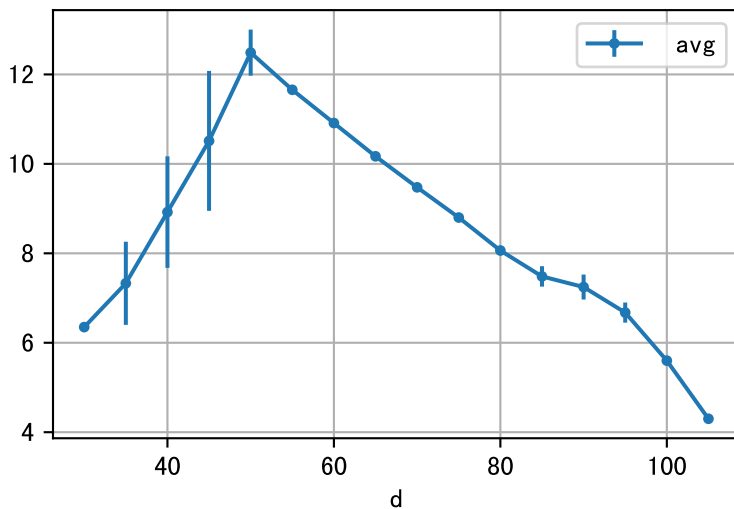


# NdD: avg vs. d at each age group

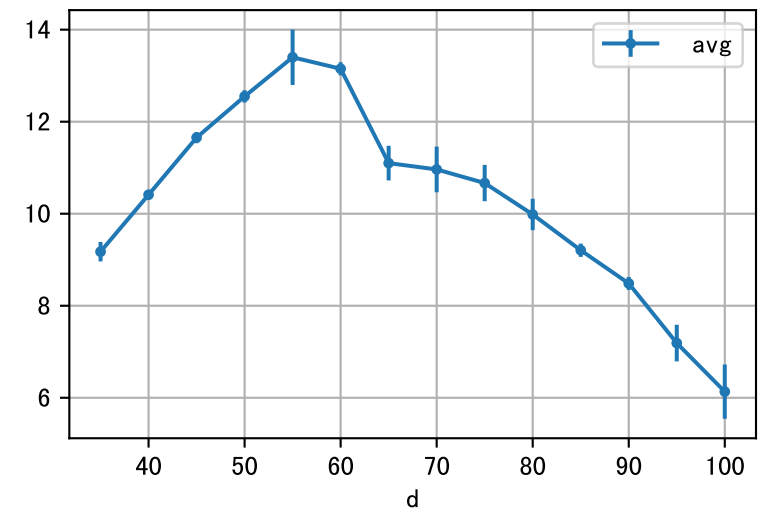
## age=20



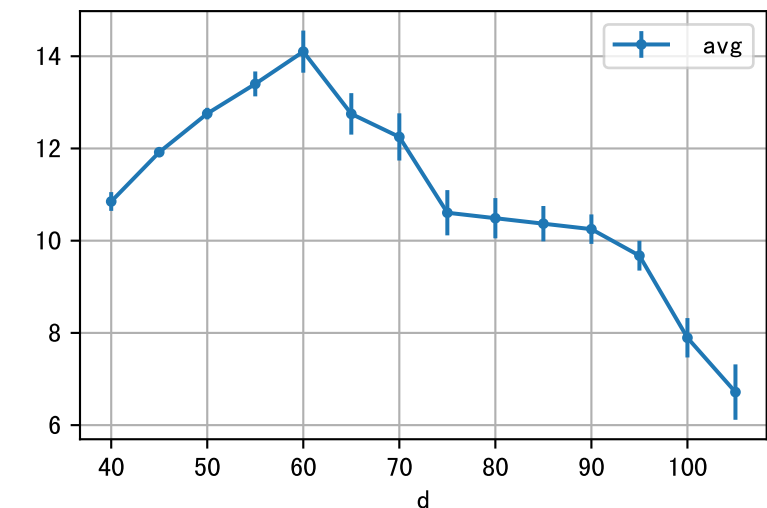
## age=25



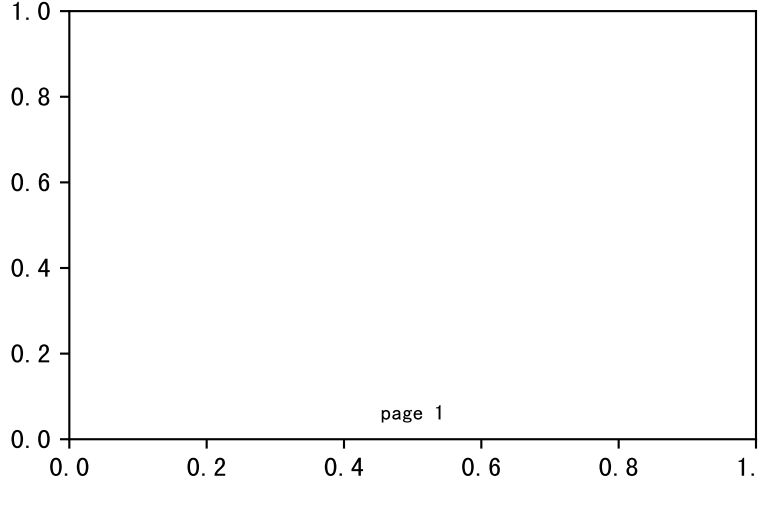
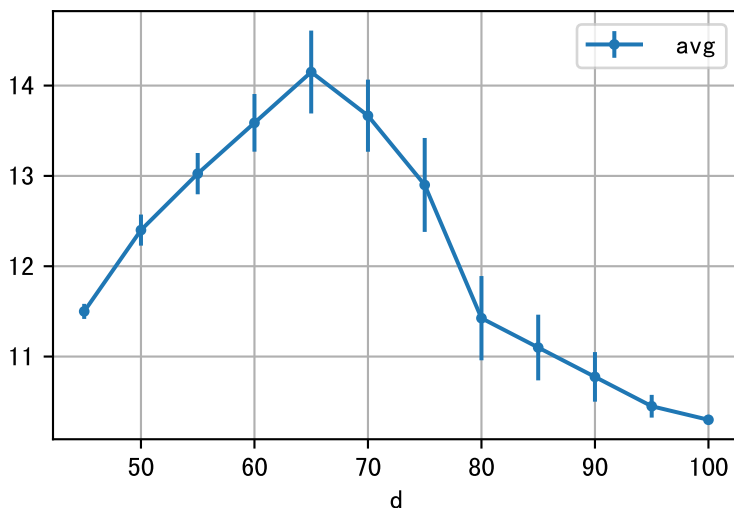
## age=30



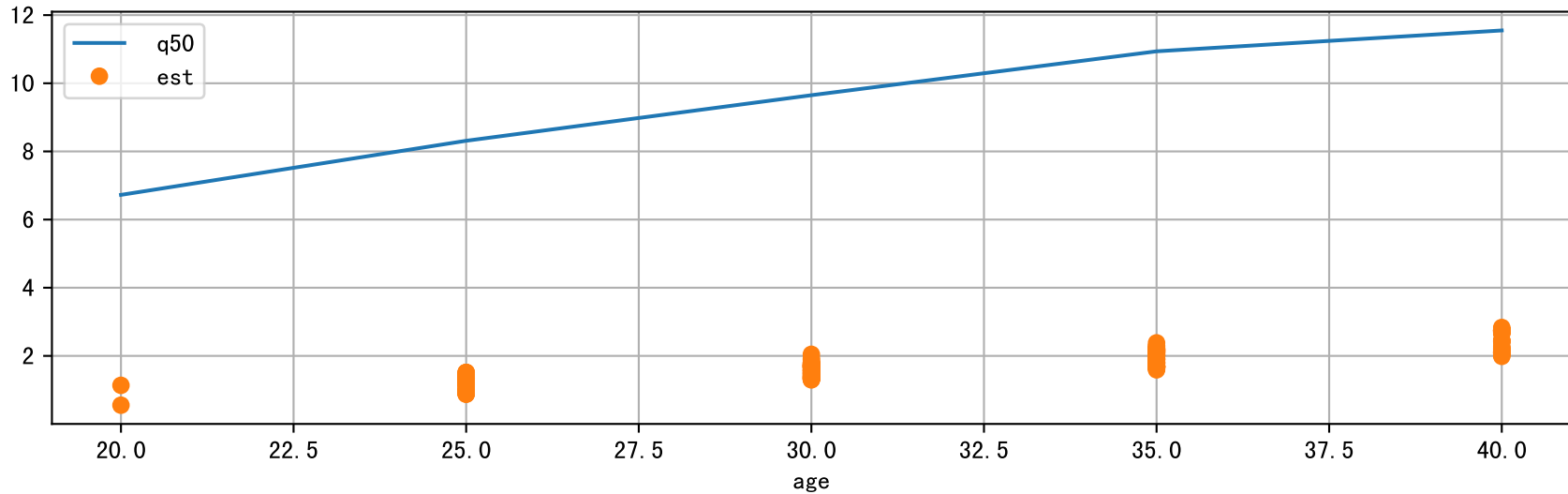
## age=35



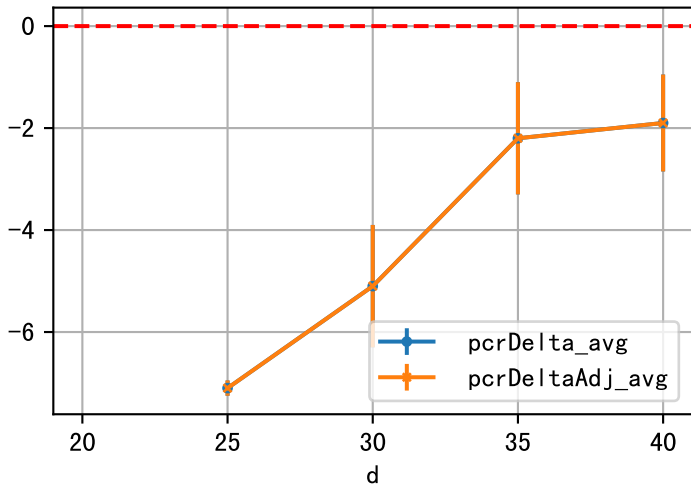
## age=40



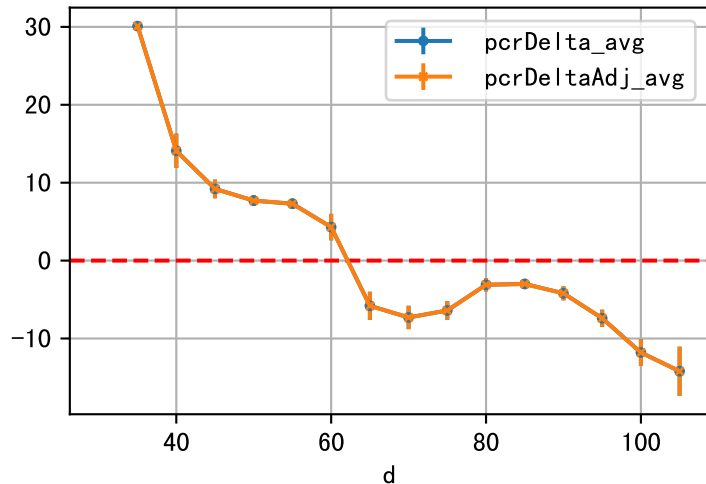
NdD: model est vs obs0v@Q50



DeltaTypeAbbr=GrpByAge

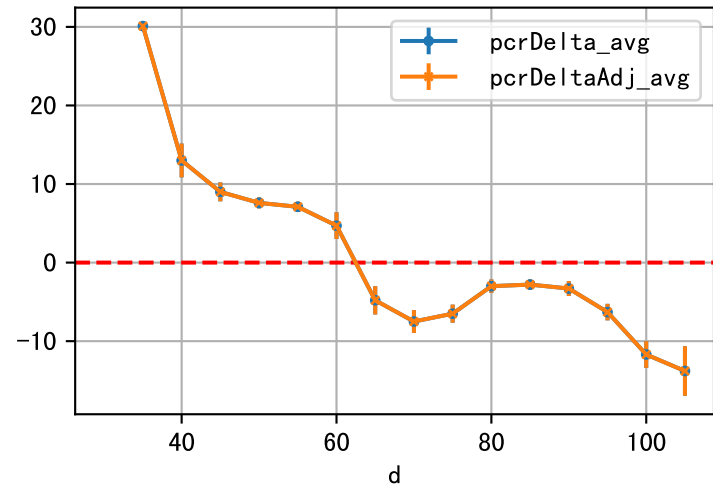


DeltaTypeAbbr=GrpByDay

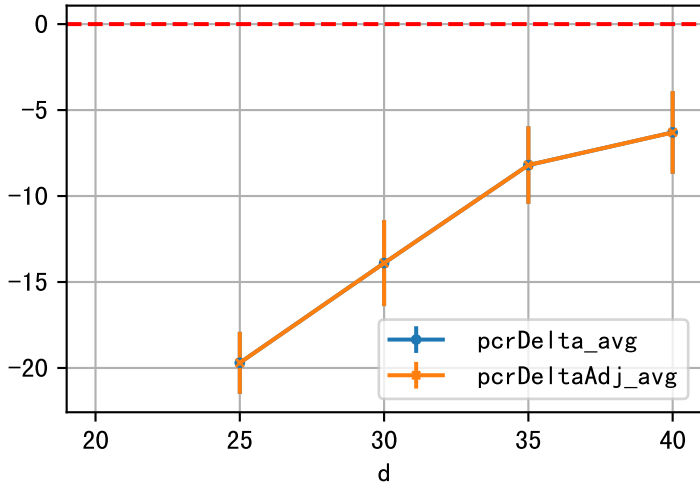


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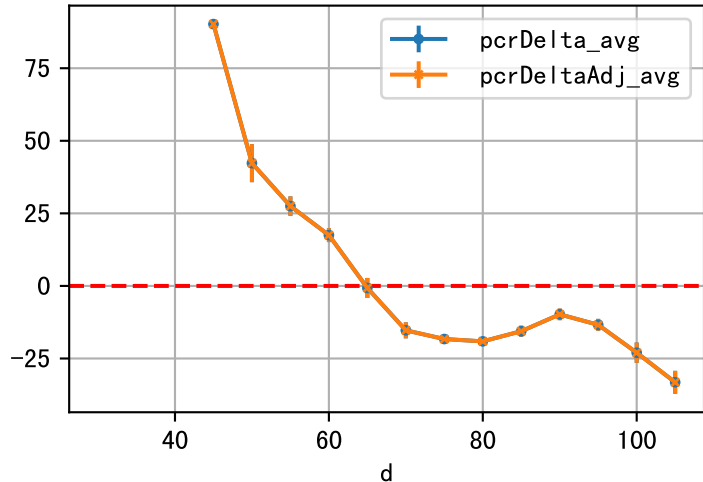
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

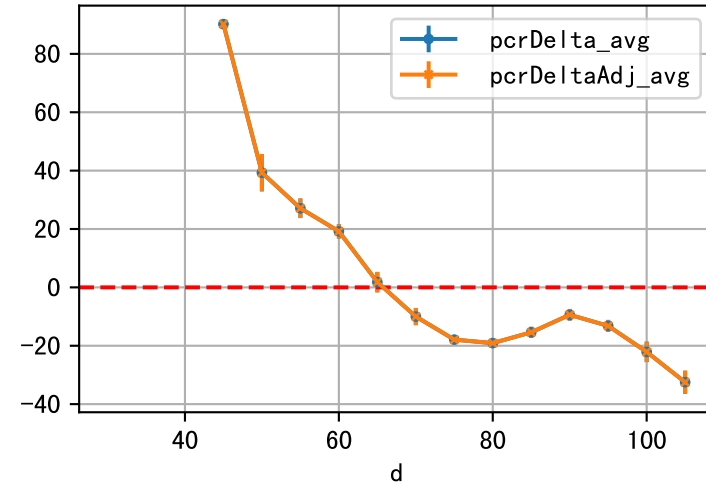


DeltaTypeAbbr=GrpByDay

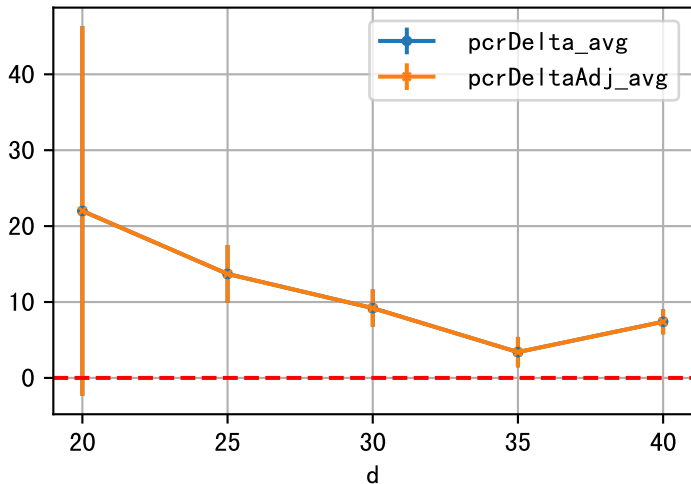


page 4

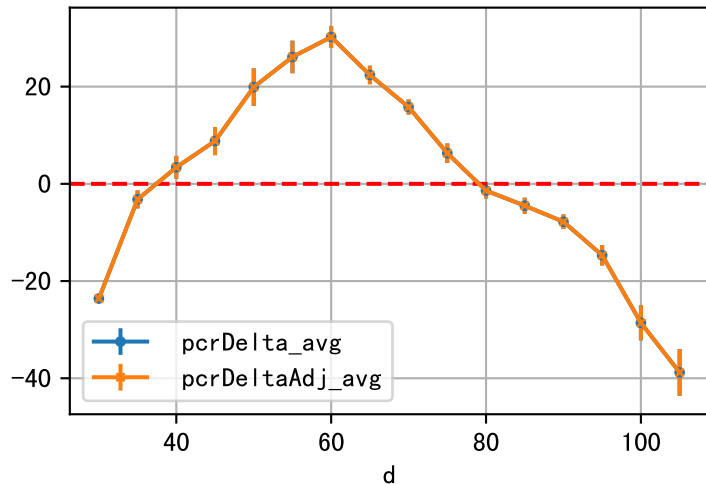
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

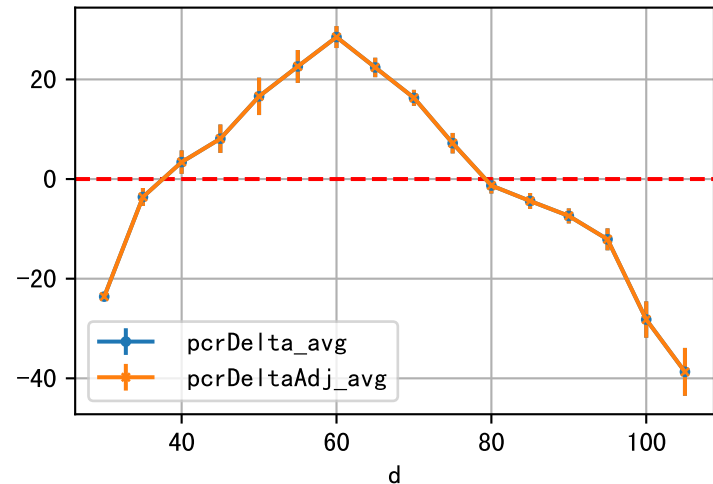


DeltaTypeAbbr=GrpByDay

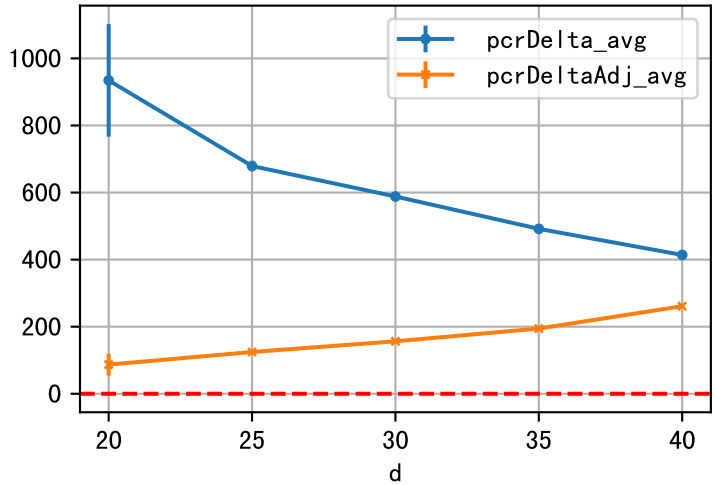


page 5

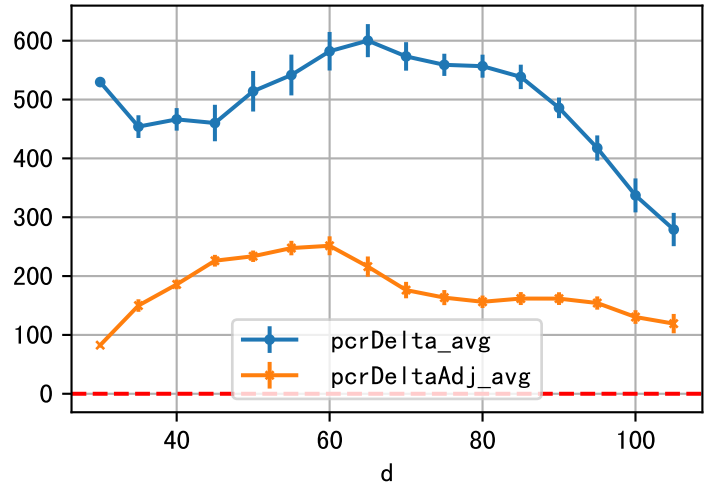
DeltaTypeAbbr=Wei AvgByD



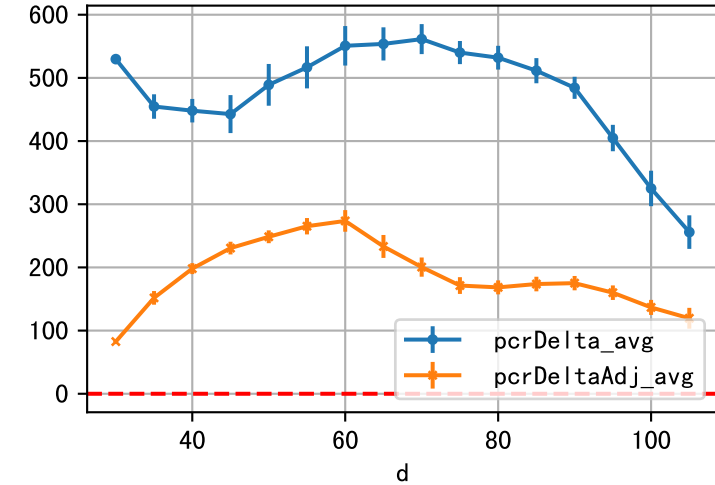
DeltaTypeAbbr=GrpByAge



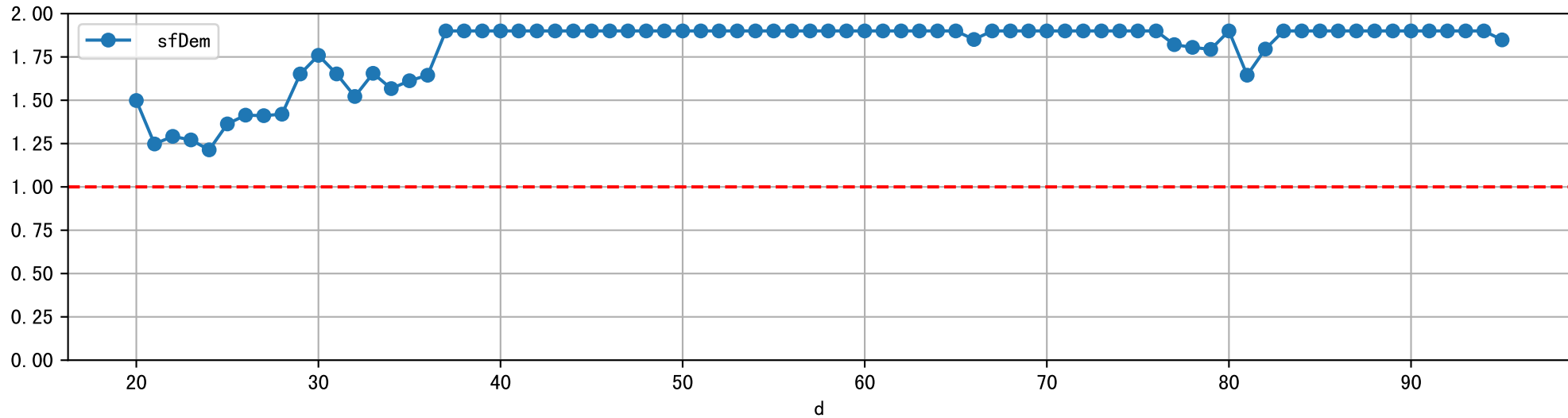
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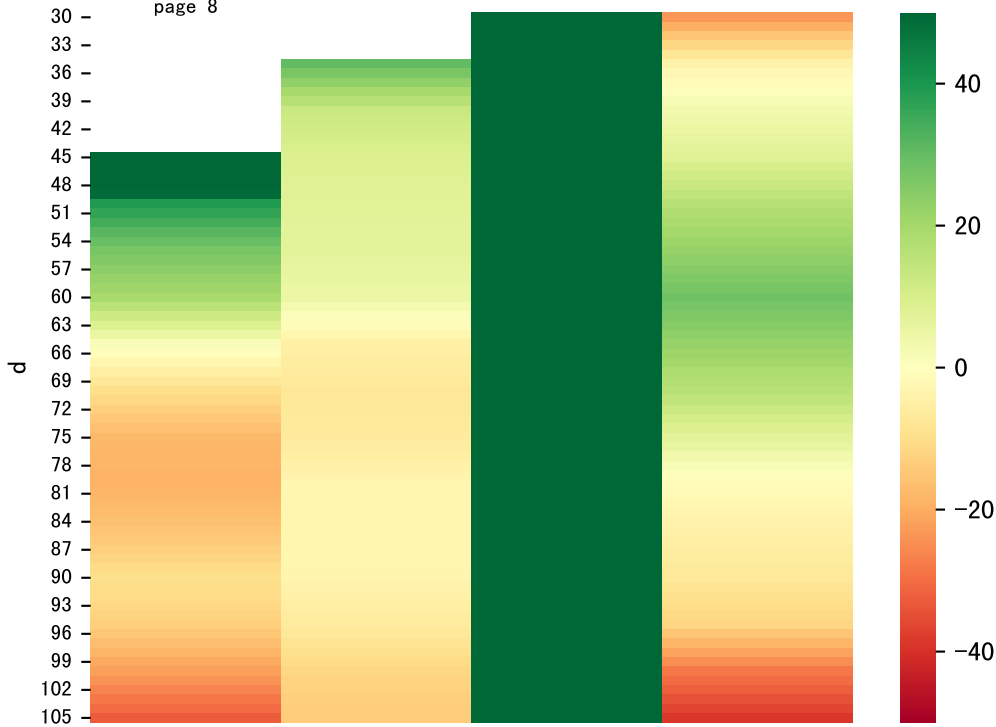


DeltaTypeAbbr=WeiAvgByD

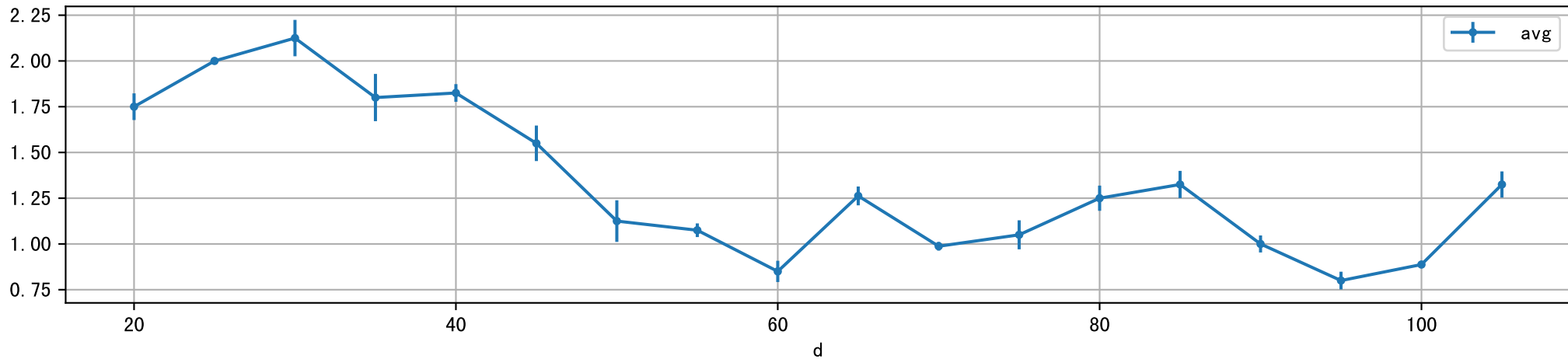


NdD: sfDem

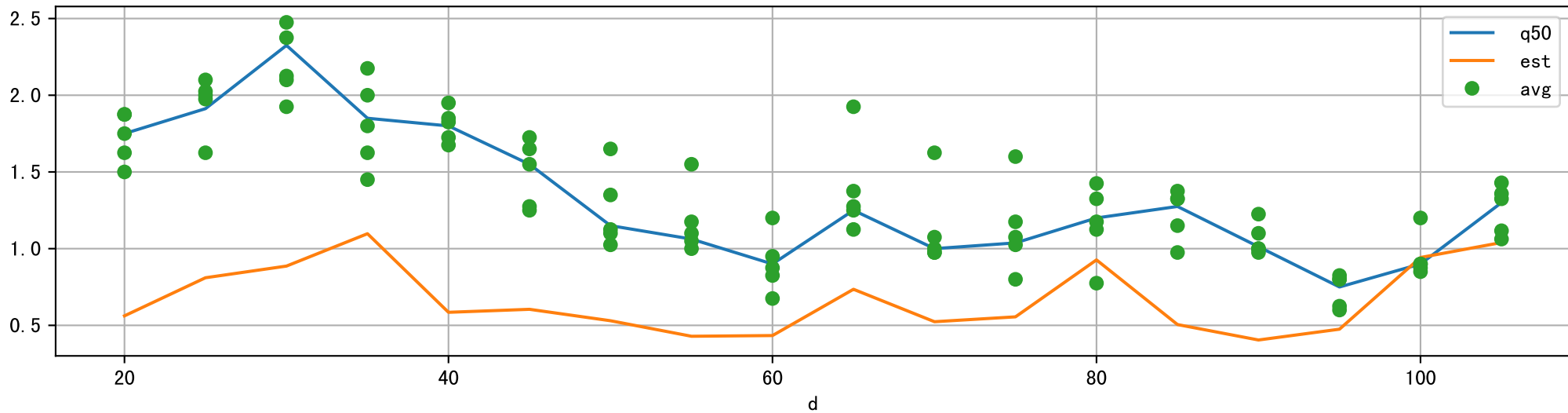




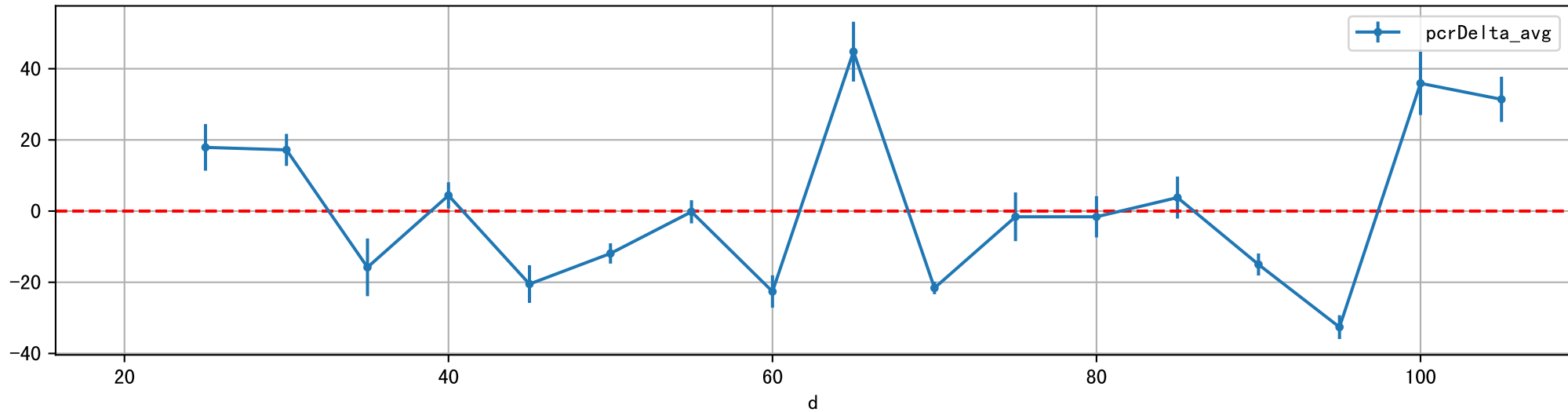
dStH: avg vs. d



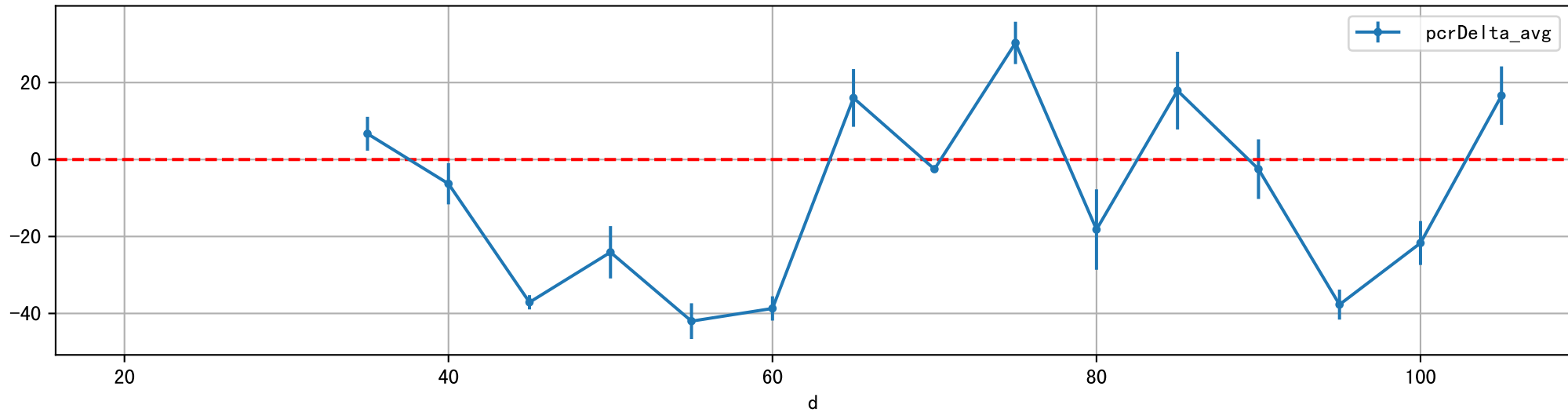
dStH: obsAvg vs obs0v@Q50



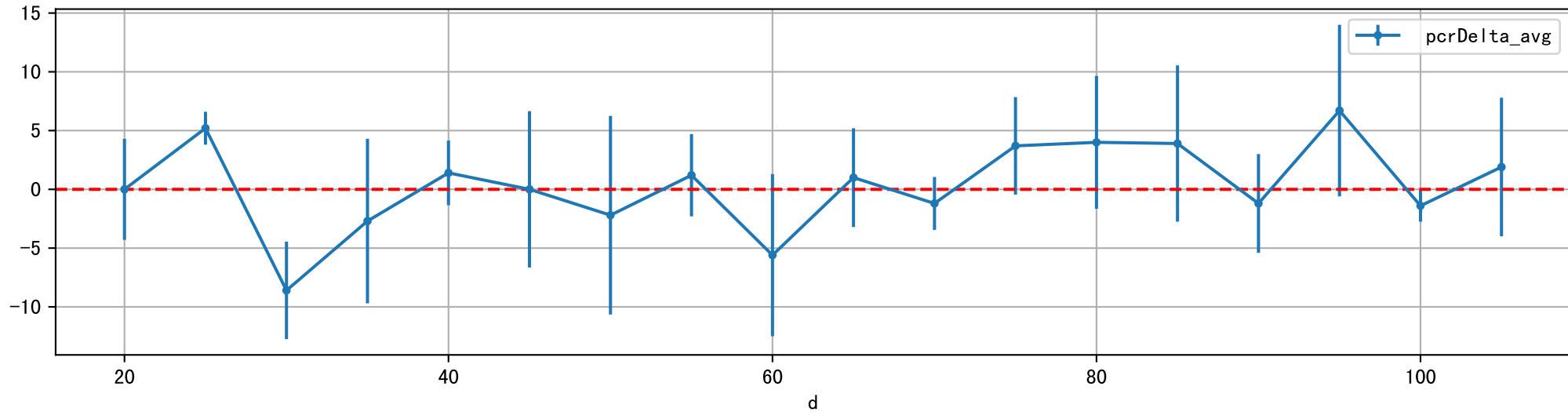
dStH: D\_5d\_StH



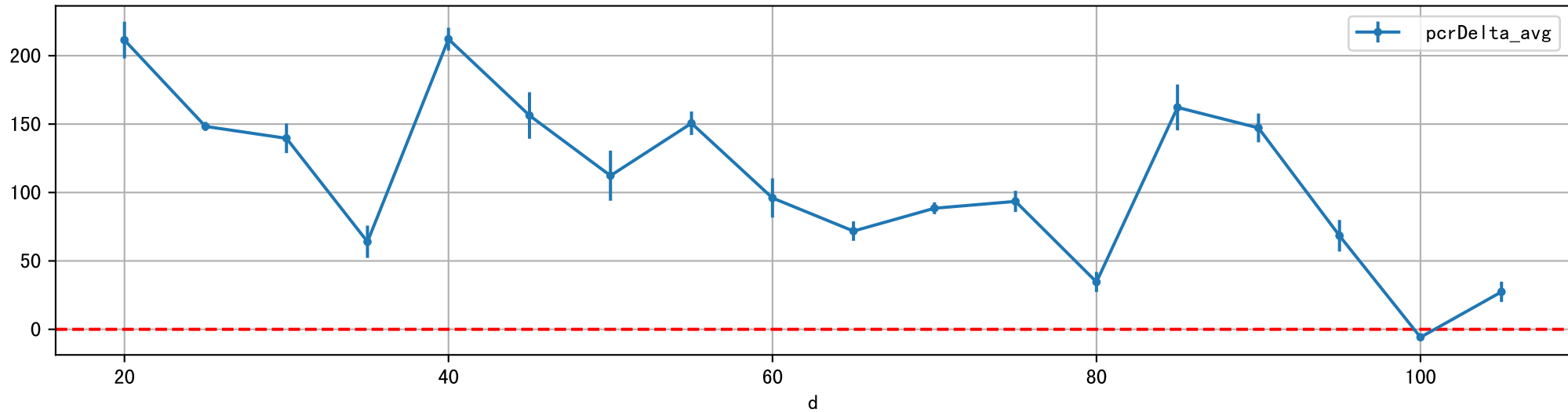
dStH: D\_15d\_StH



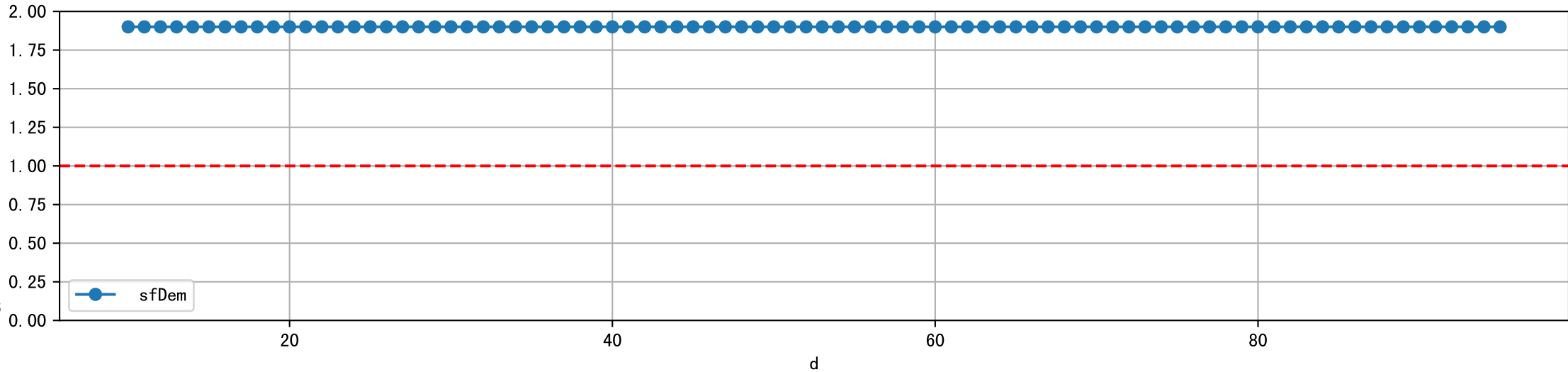
dStH: D\_Q50\_StH

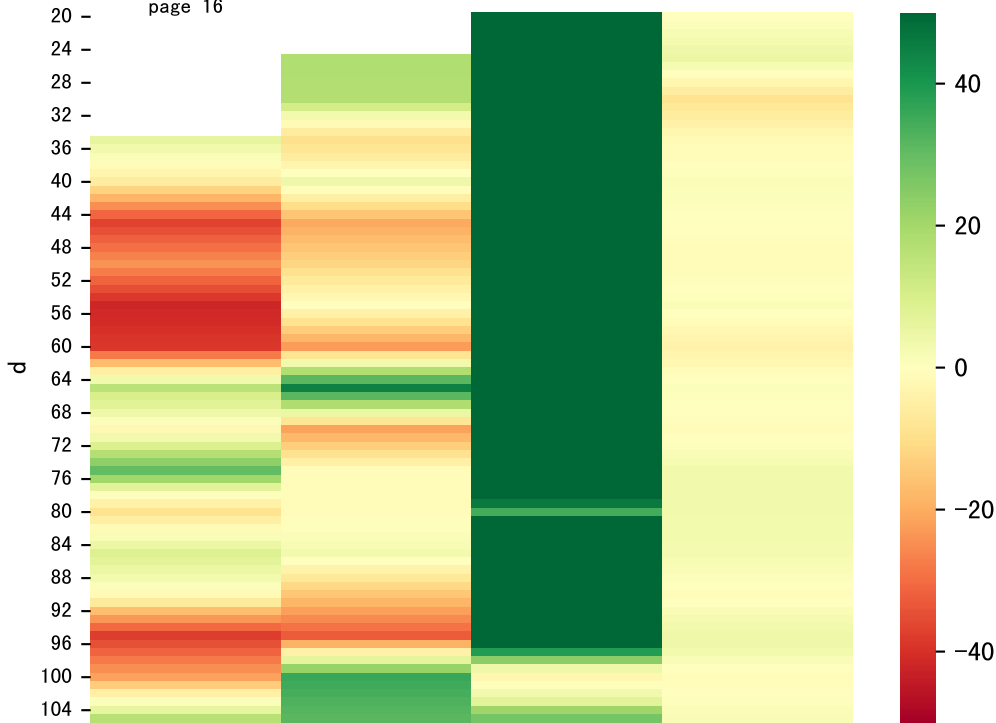


dStH: D\_Est\_StH



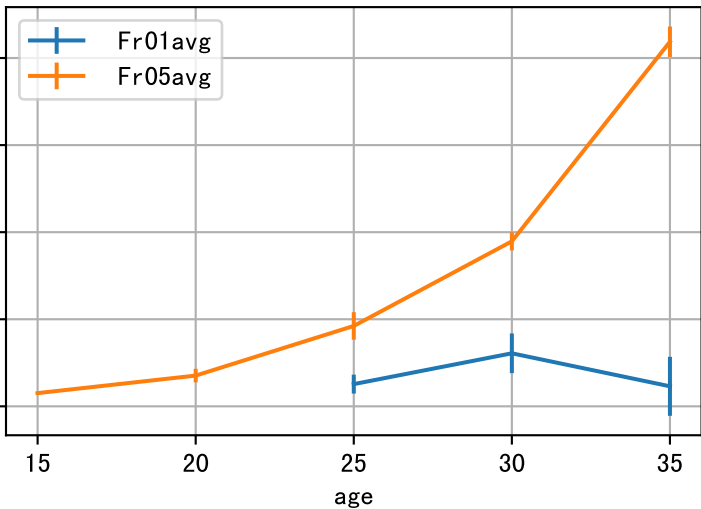
dStH: sfDem



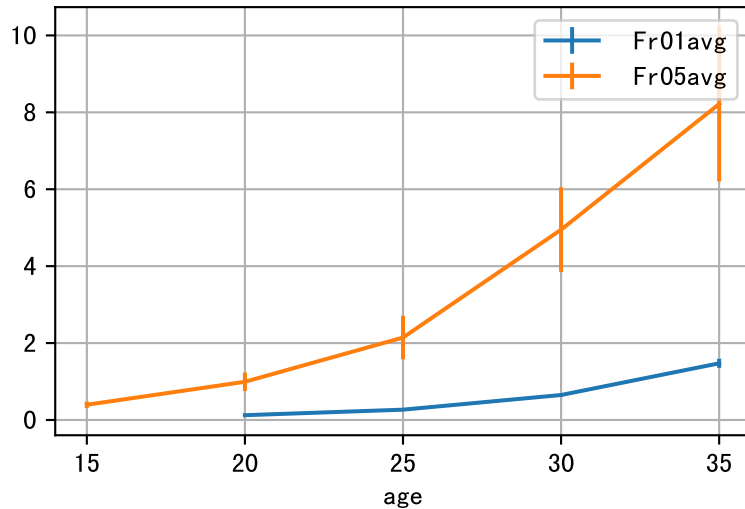


## FrV: Fr01 vs Fr05 at each truss

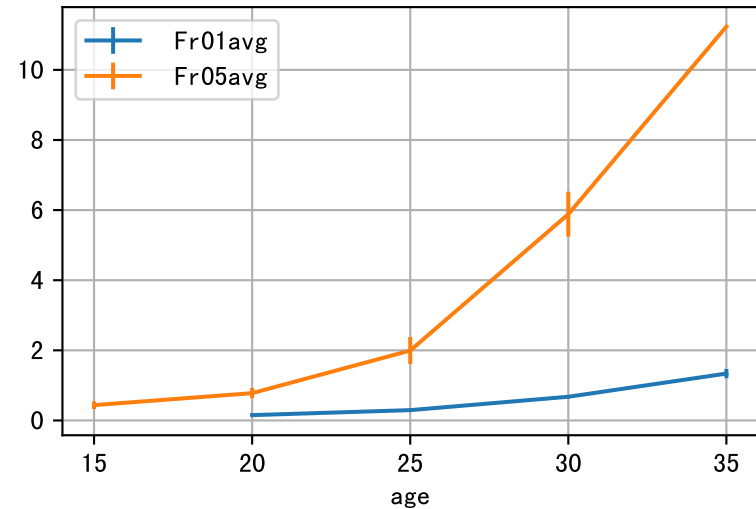
organID=T01



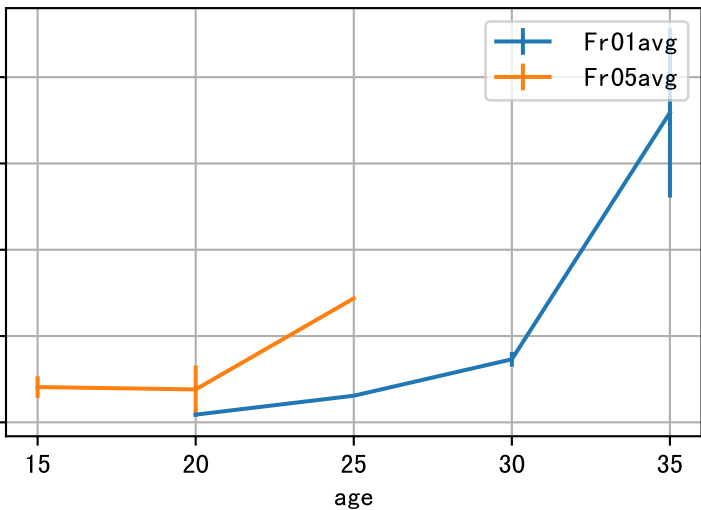
organID=T02



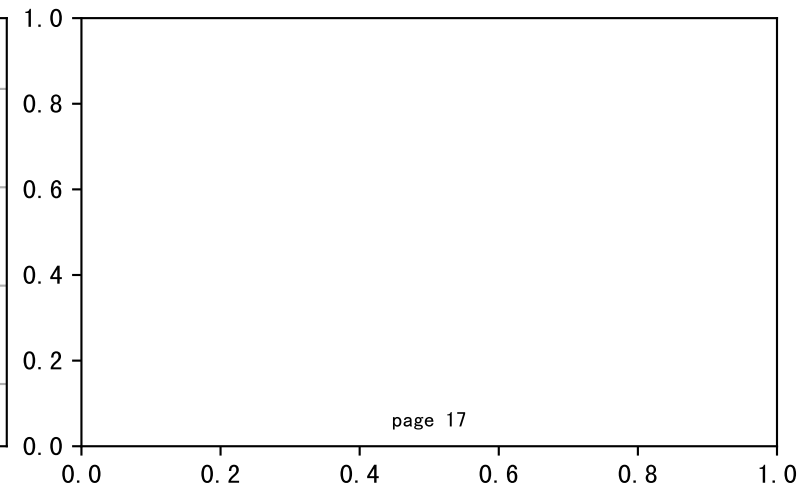
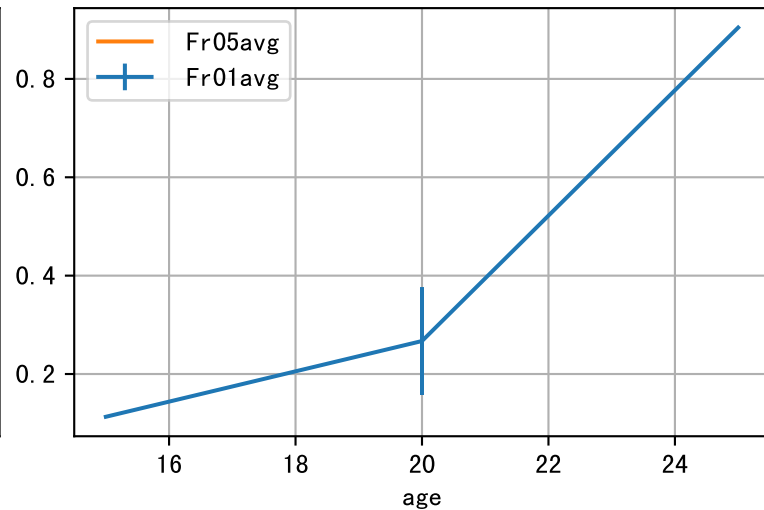
organID=T03



organID=T04

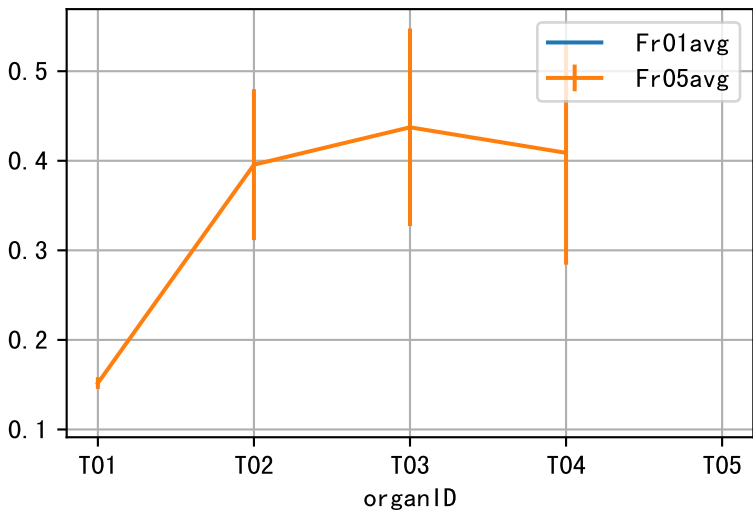


organID=T05

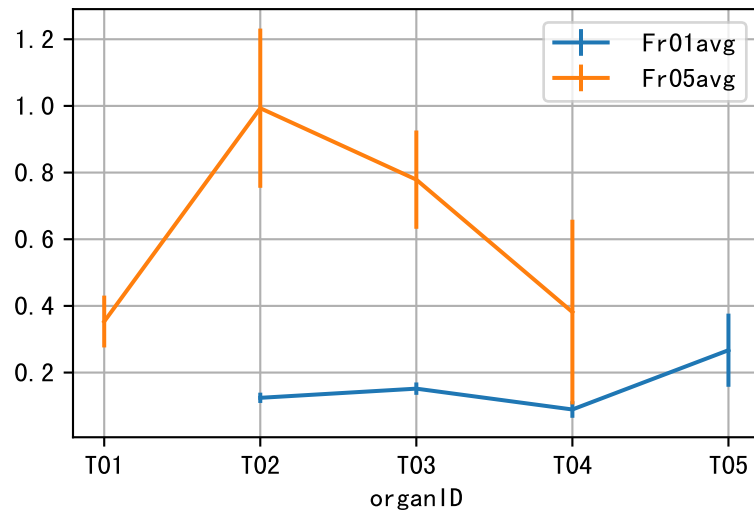


## FrV trend at each age

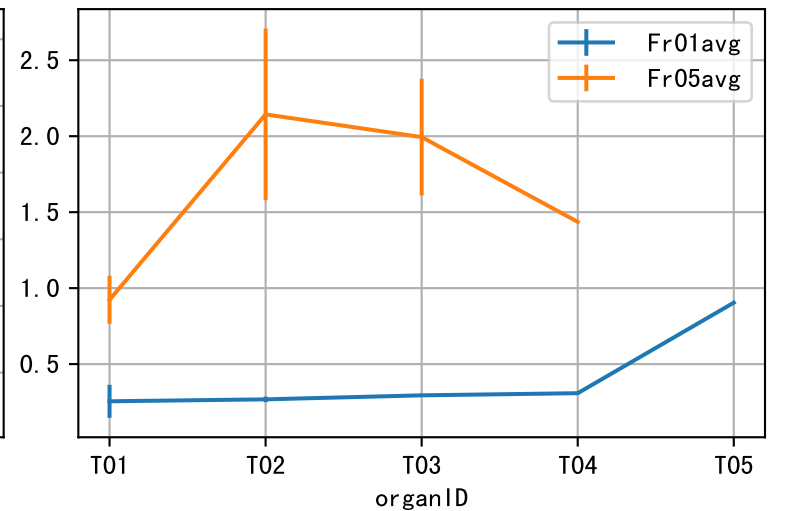
age=15



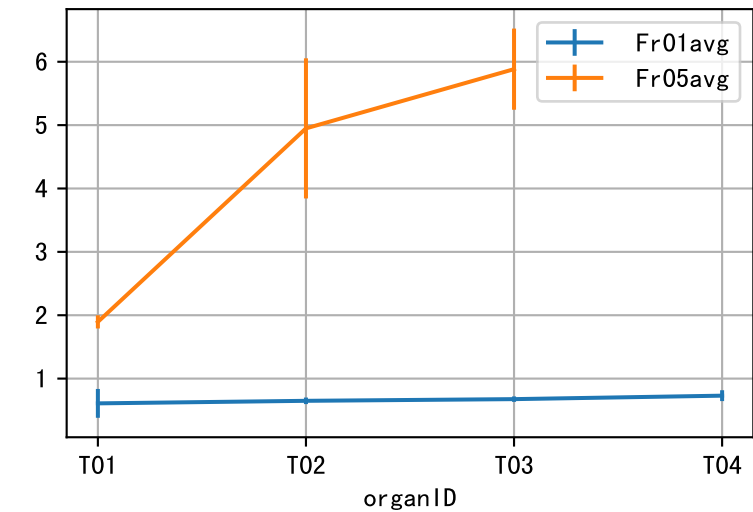
age=20



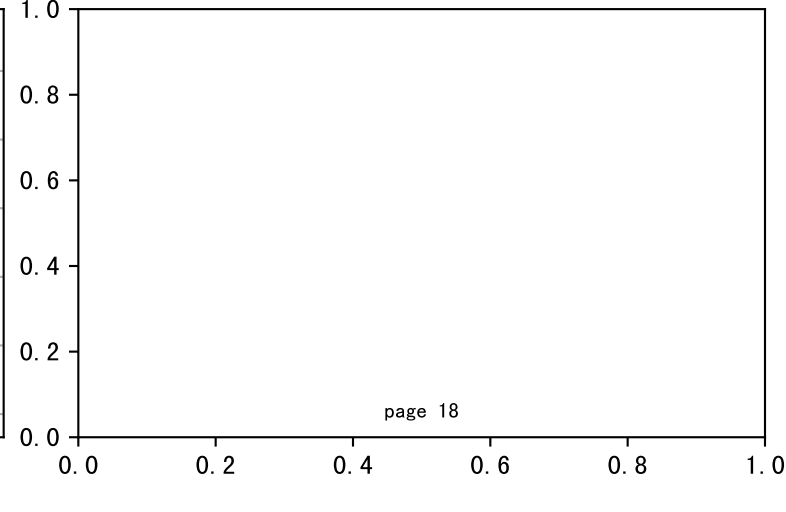
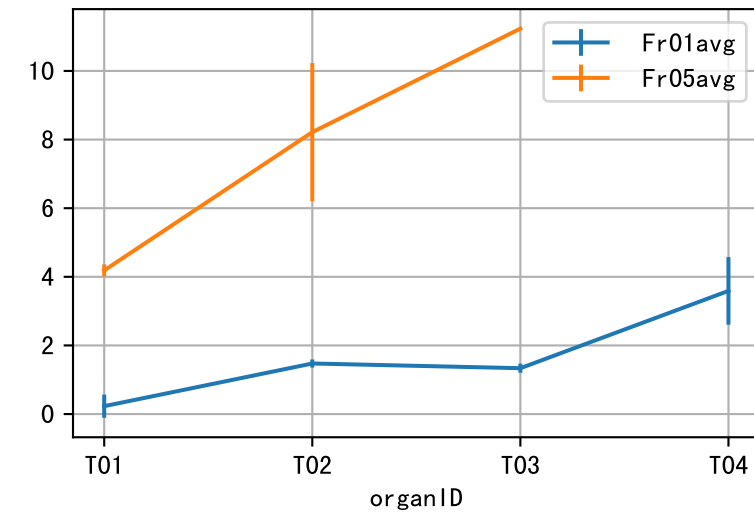
age=25



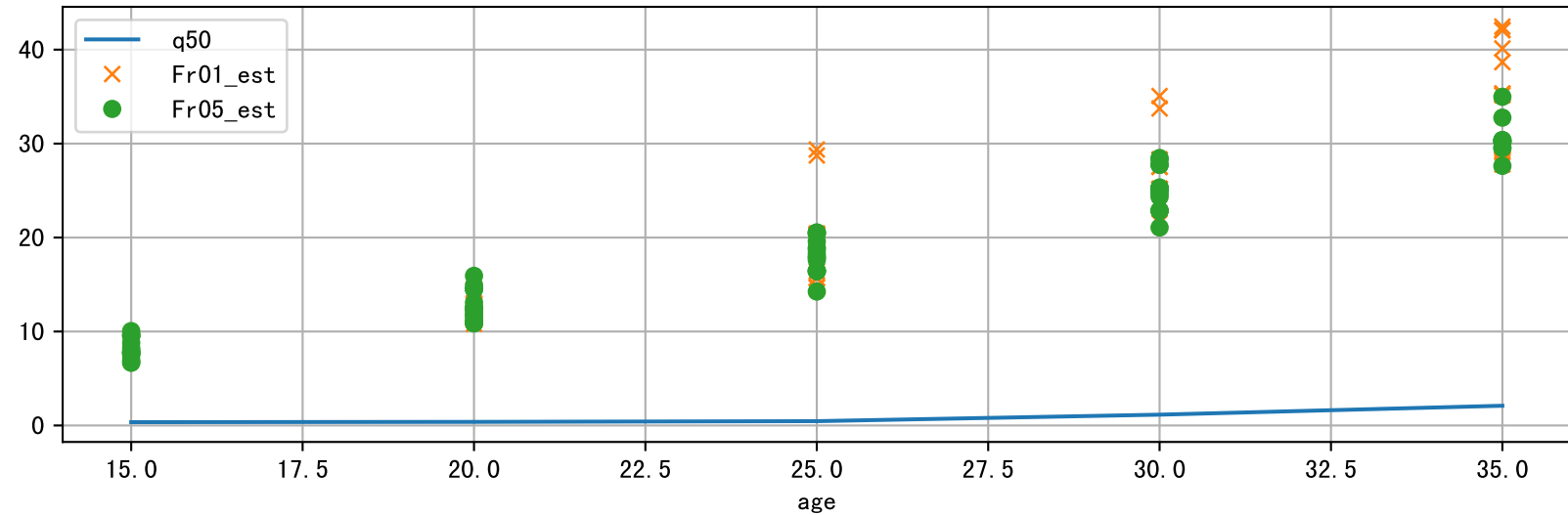
age=30



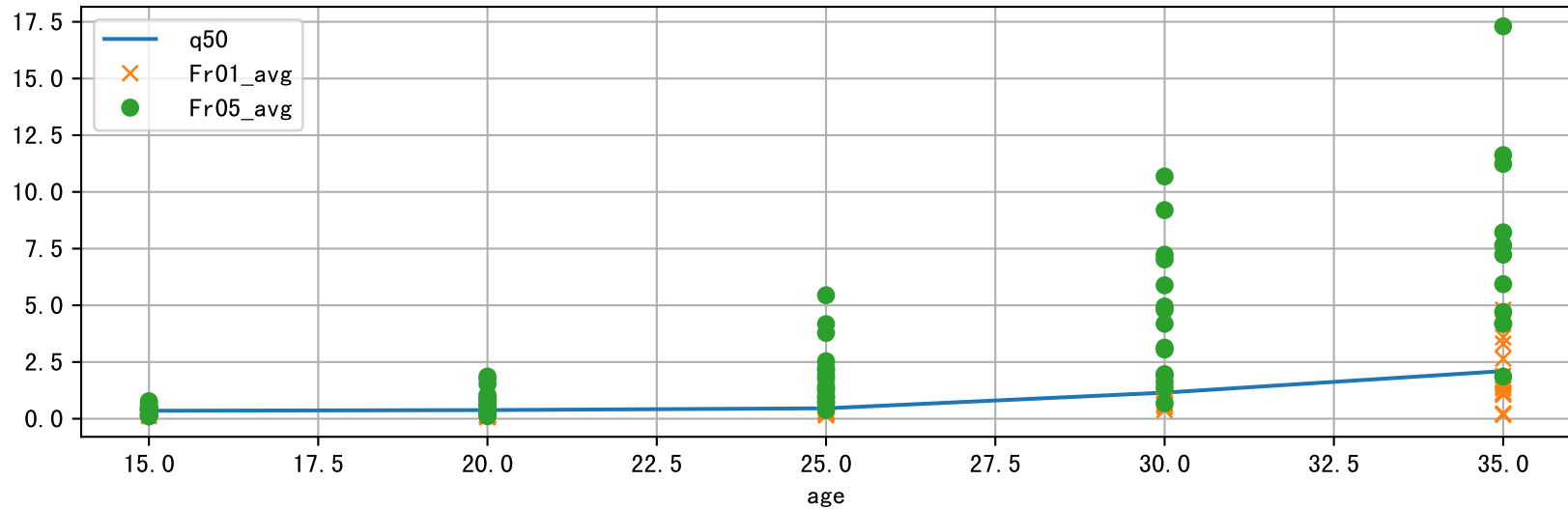
age=35



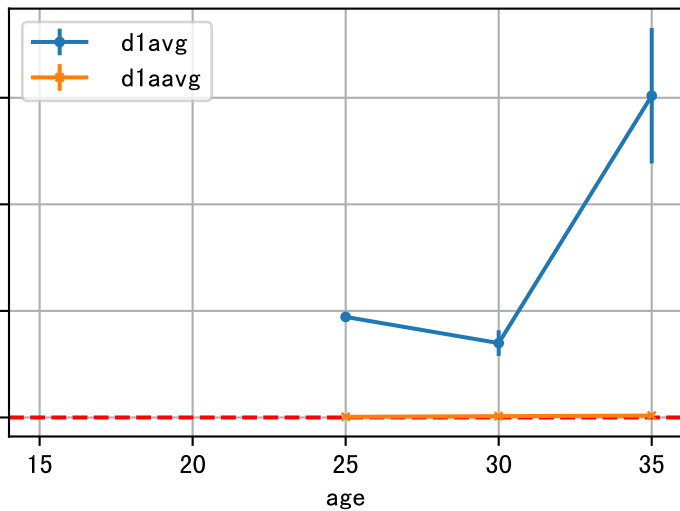
FrV: model Est vs obsFrV at Q90



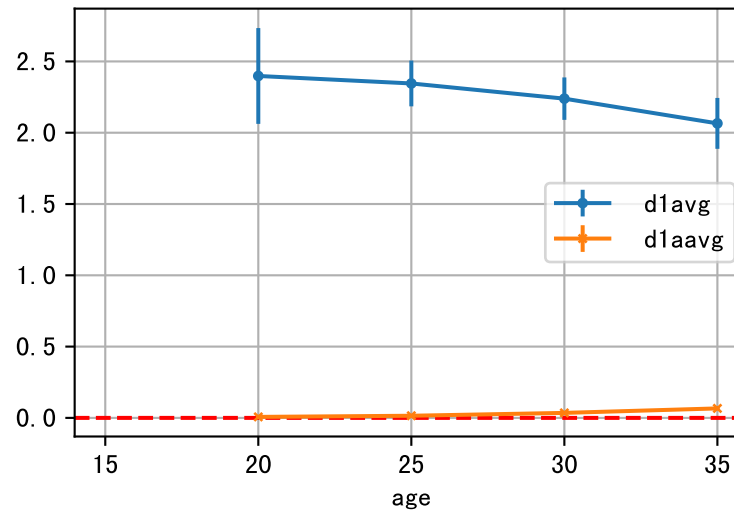
FrV: obsFrV vs obsFrV@Q90



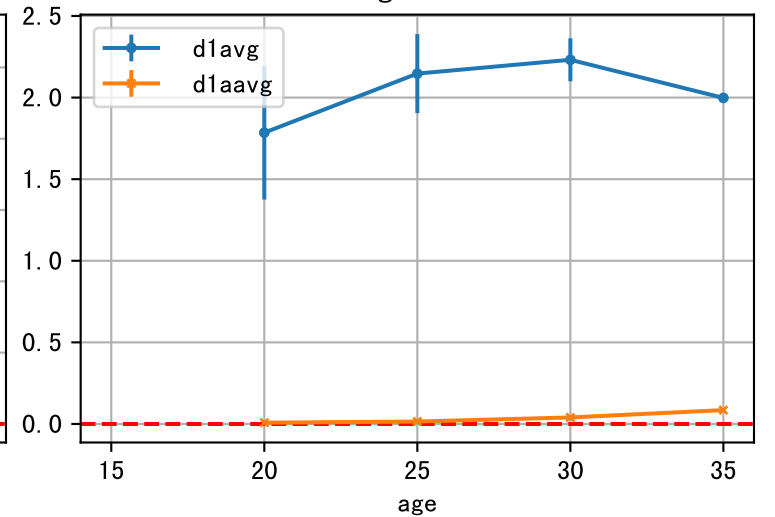
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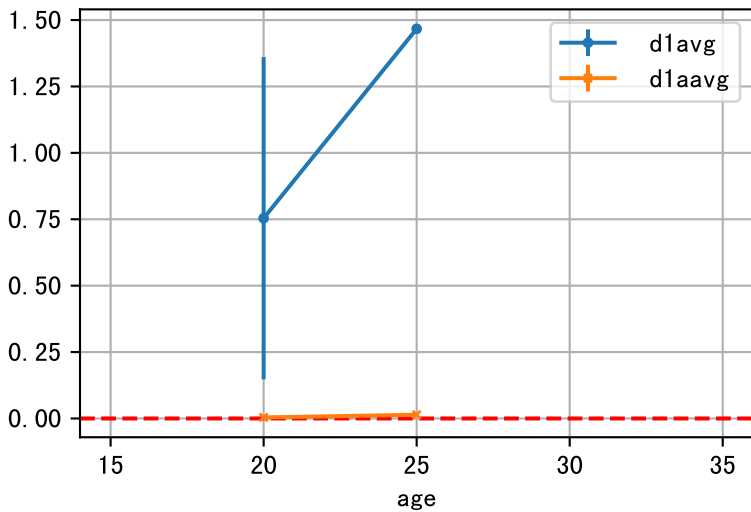
organID=2



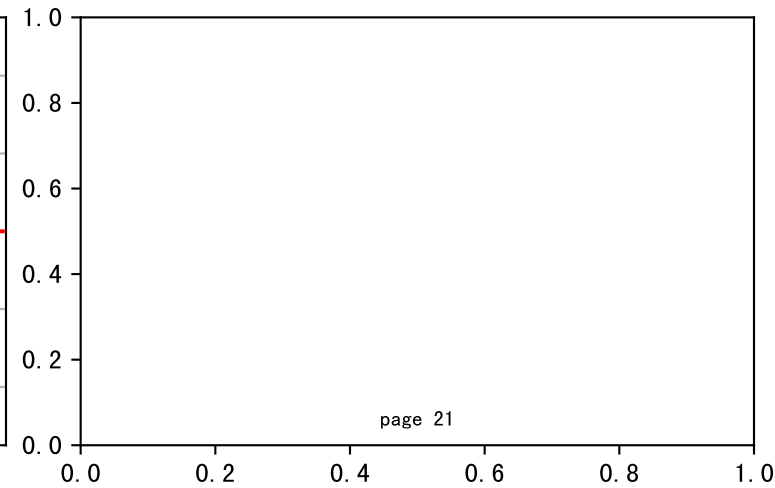
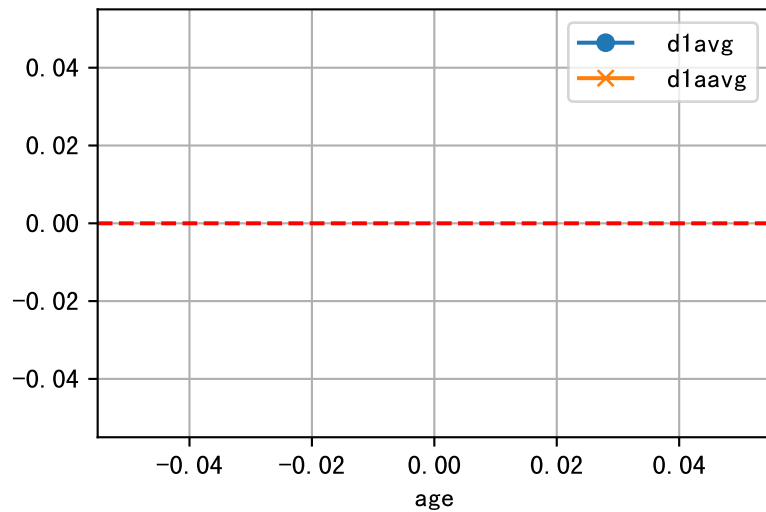
organID=3



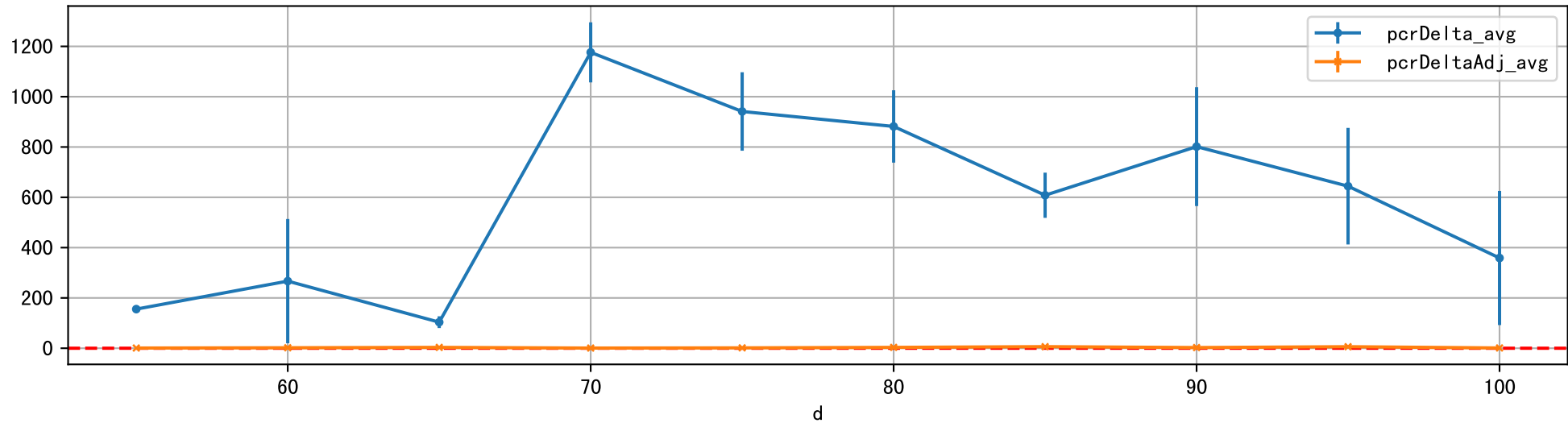
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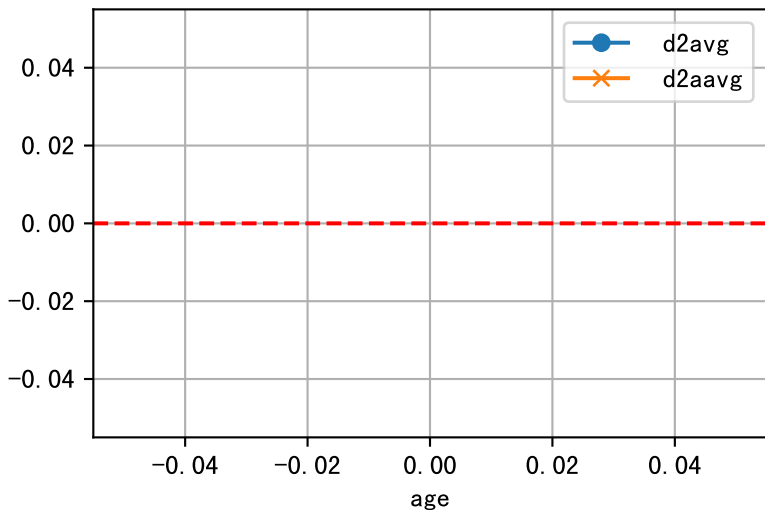
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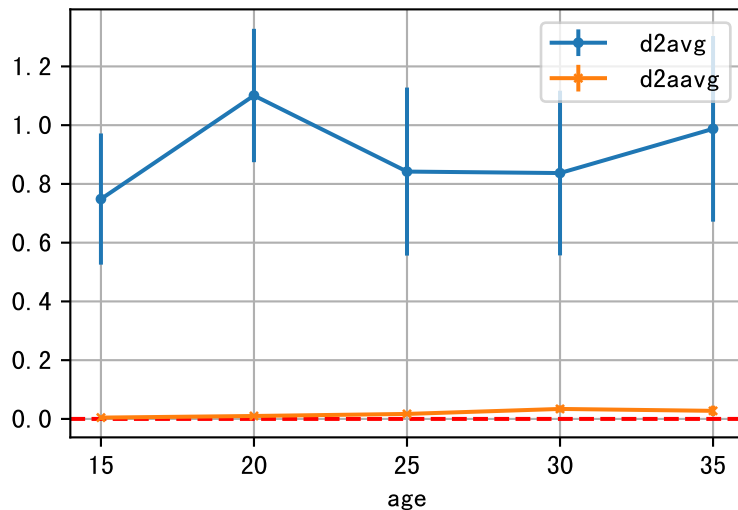
P10AW FrV: D\_Fr1\_FrV



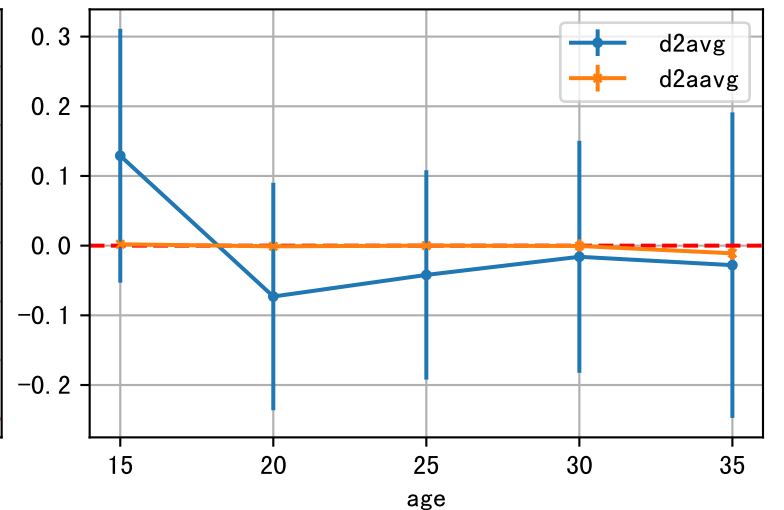
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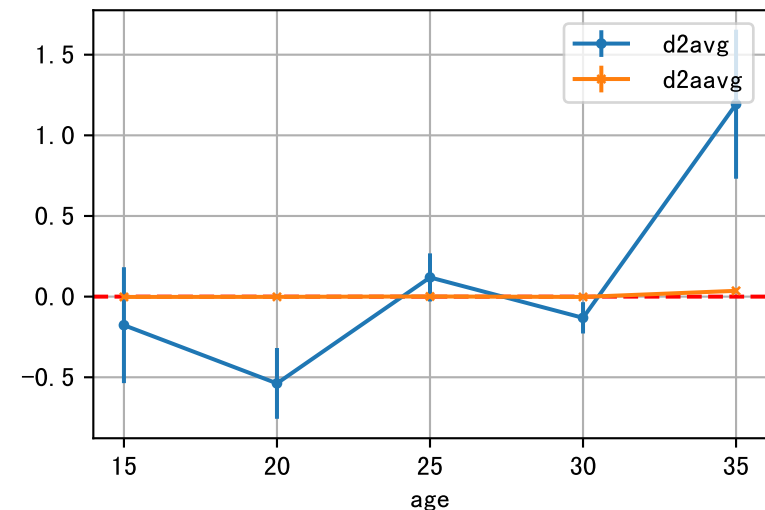
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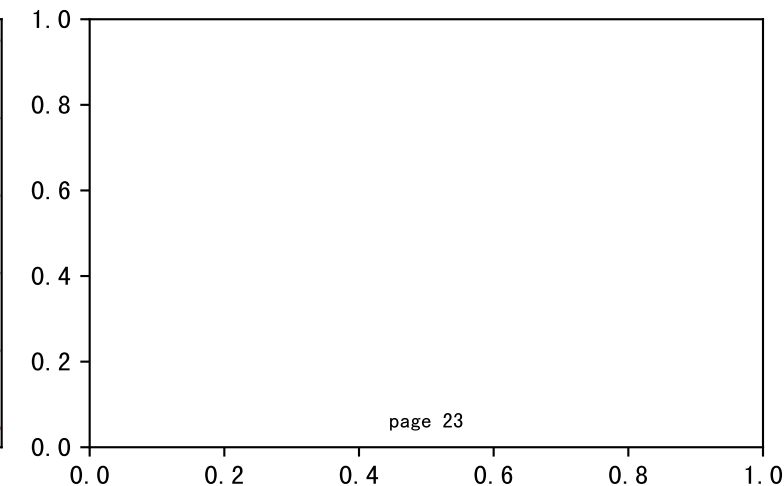
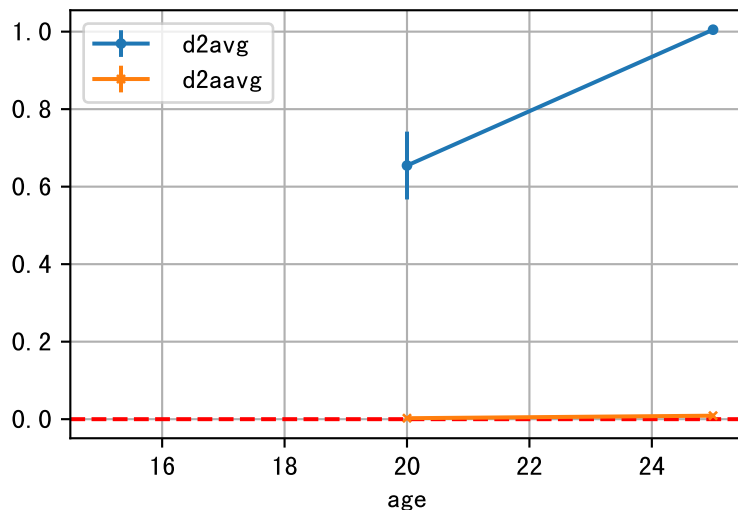
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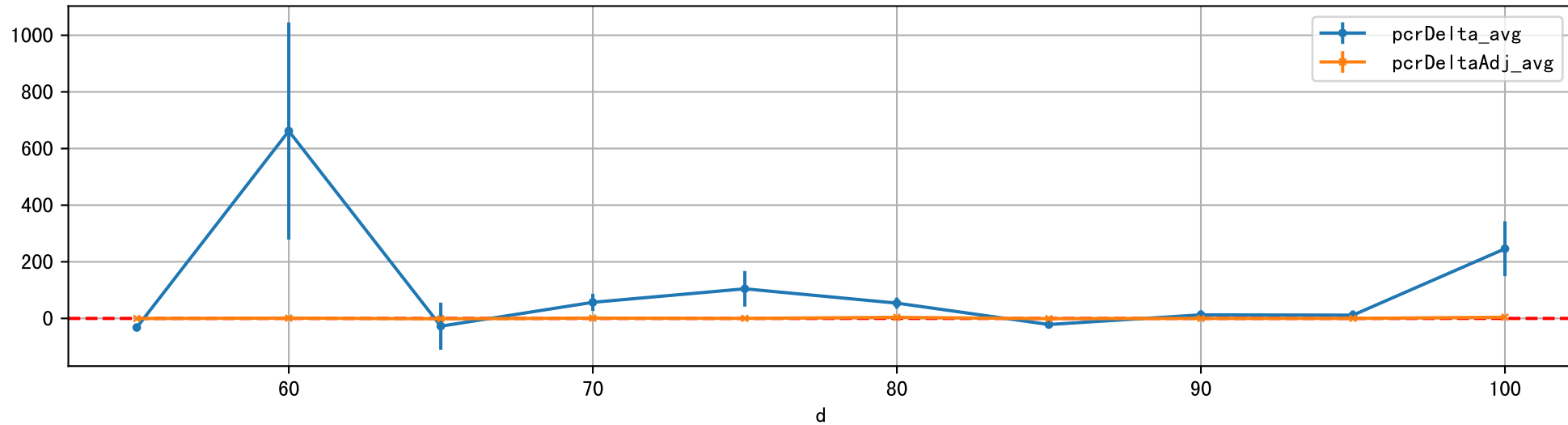
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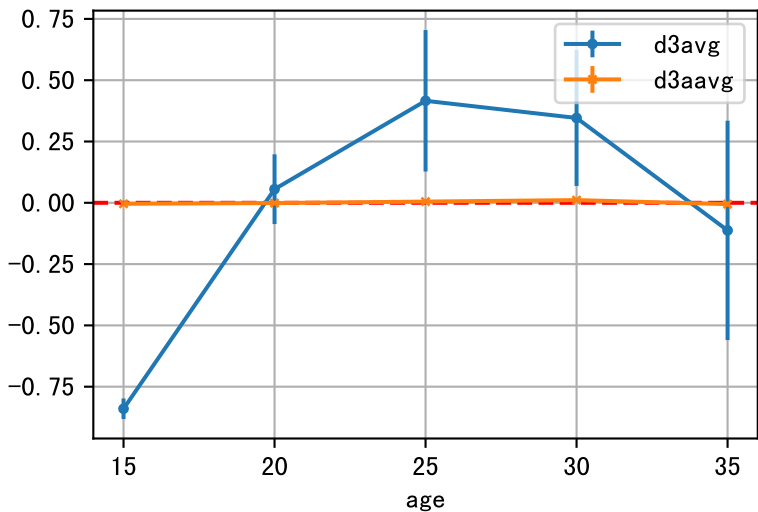
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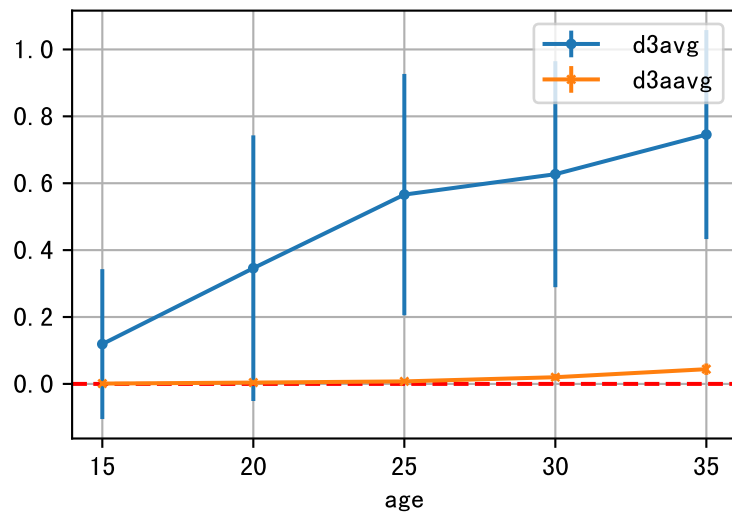
P10AW FrV: D\_Ts\_FrV



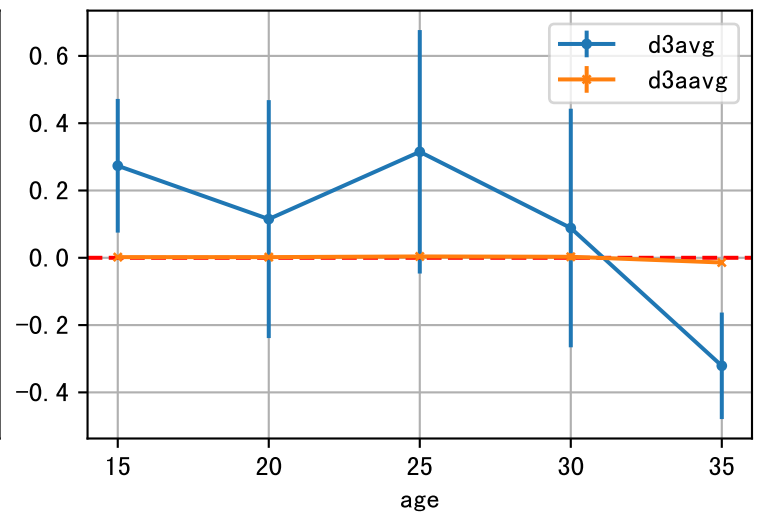
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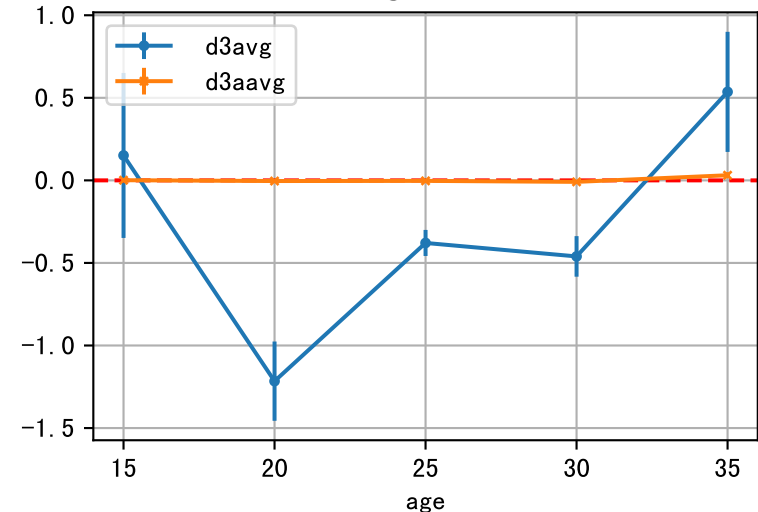
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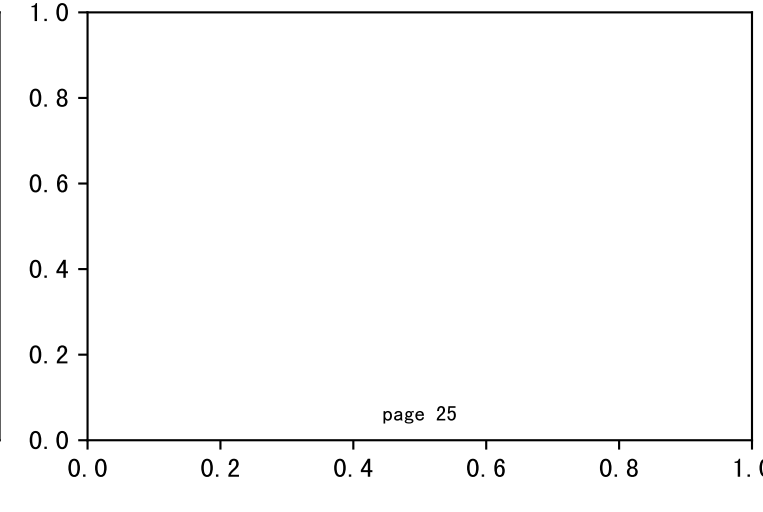
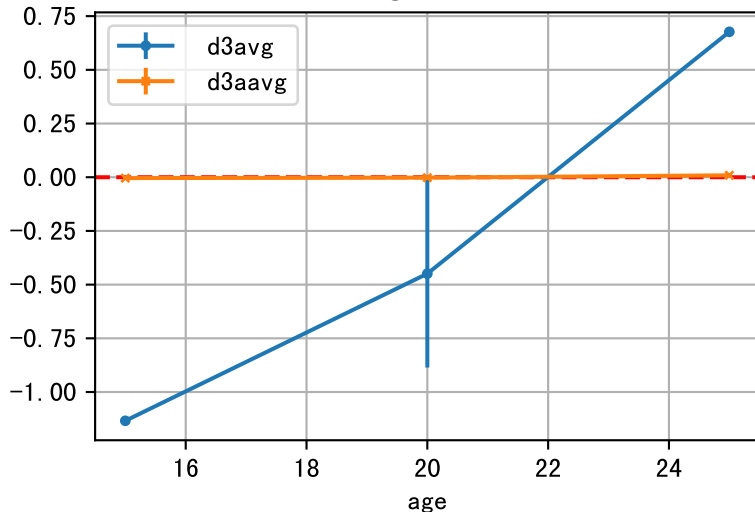
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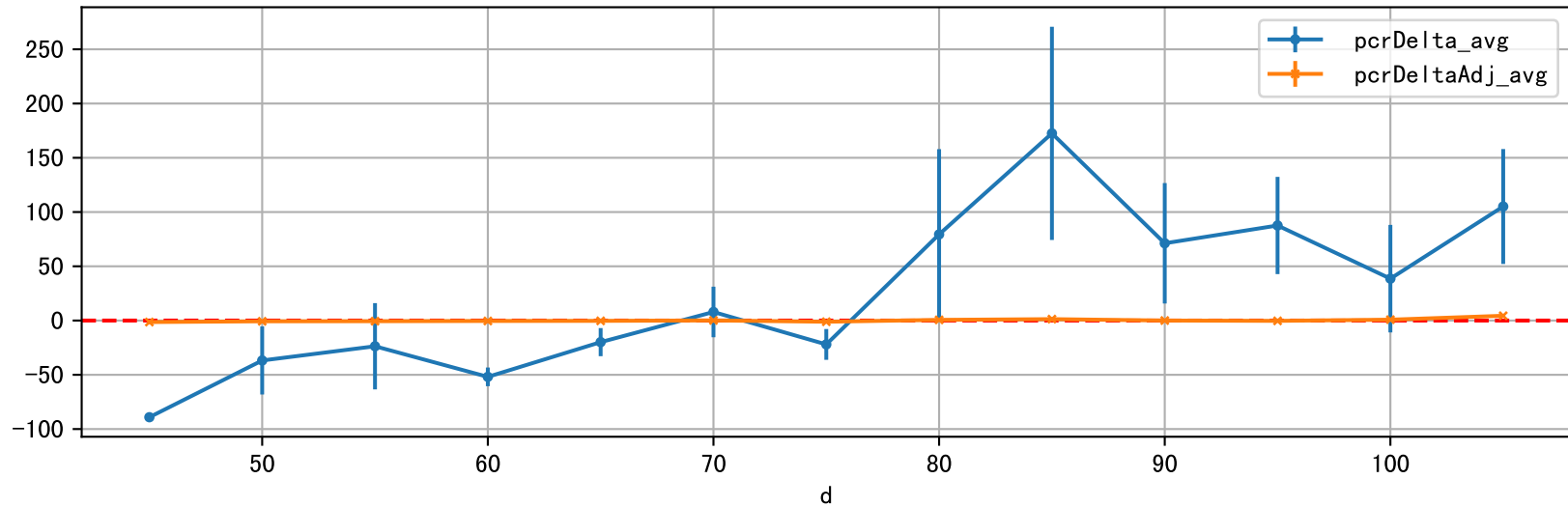
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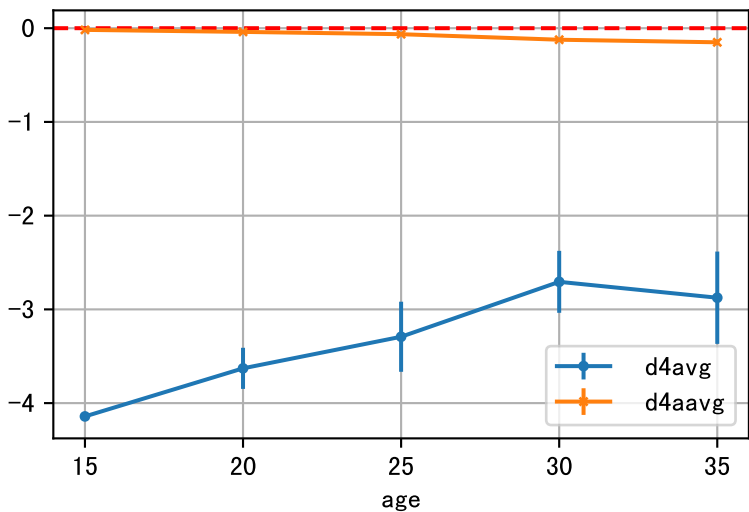
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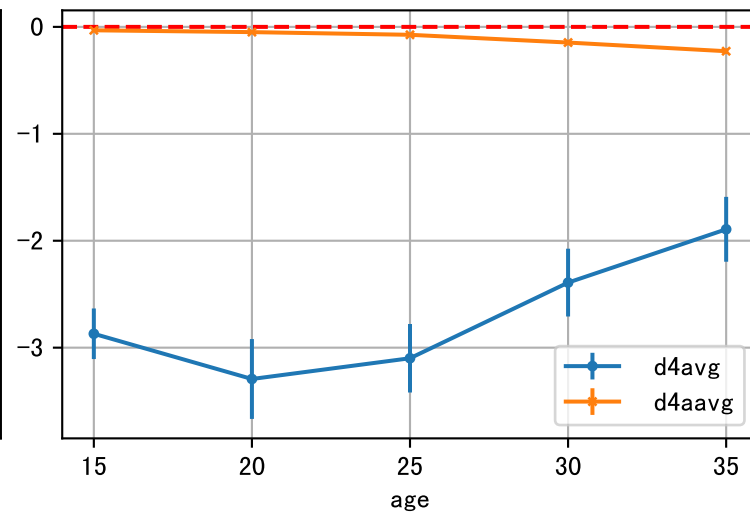
P10AW FrV: D\_Q50\_FrV



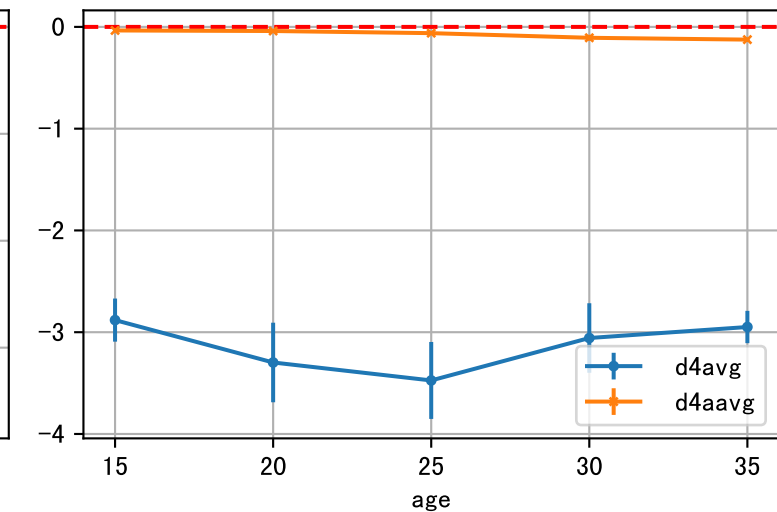
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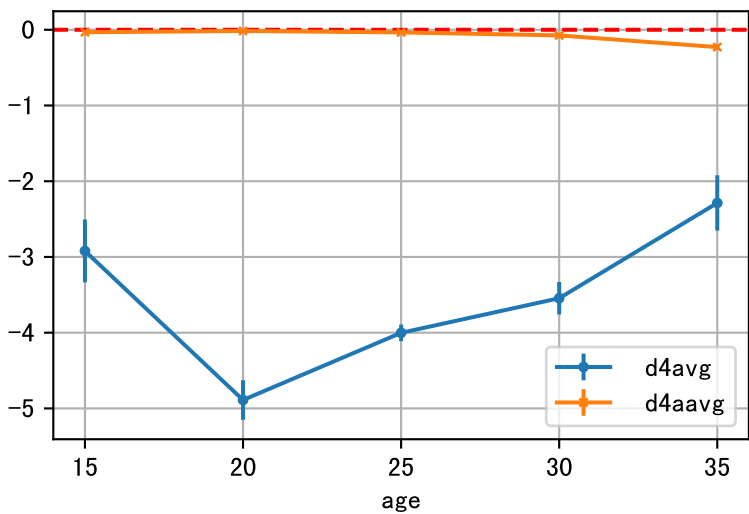
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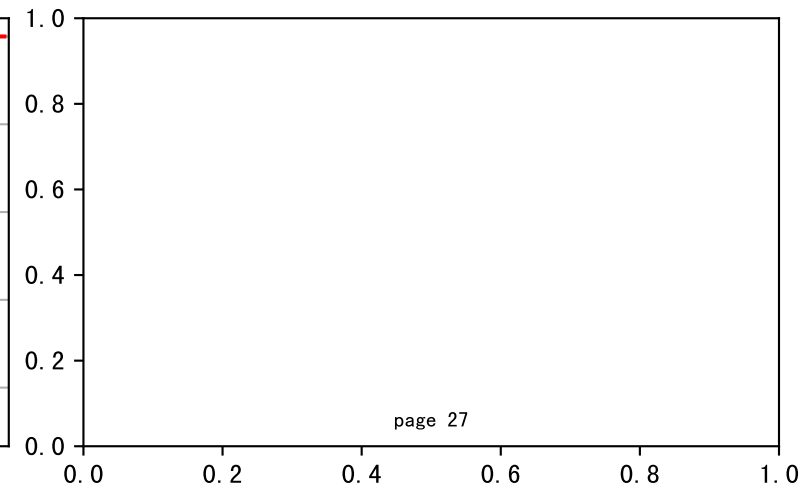
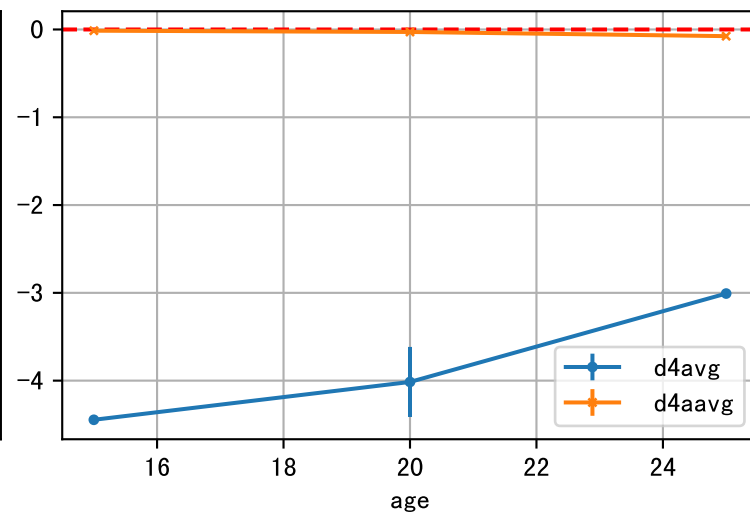
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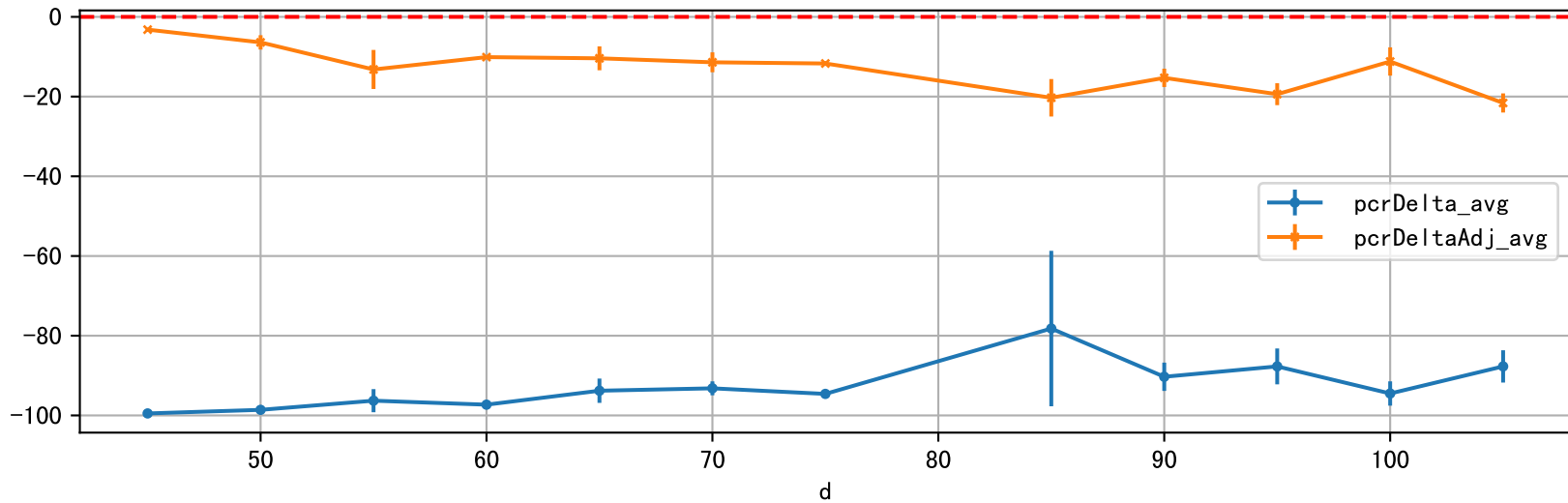
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organID=5



P10AW FrV: D\_Est\_FrV



P10AW FrV: sfDem

