

Phenotype Data Analysis Plots  
PhenoData day range = 18 - 82  
Analysis cutoff day = 82  
NC11 P10  
2026-01-10 (Day 84)

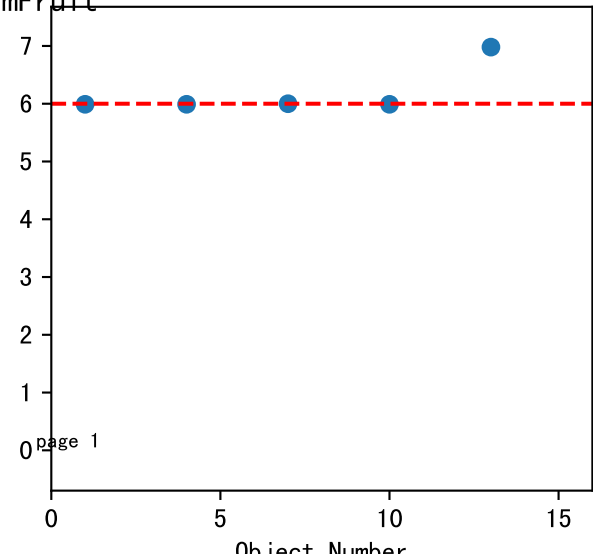
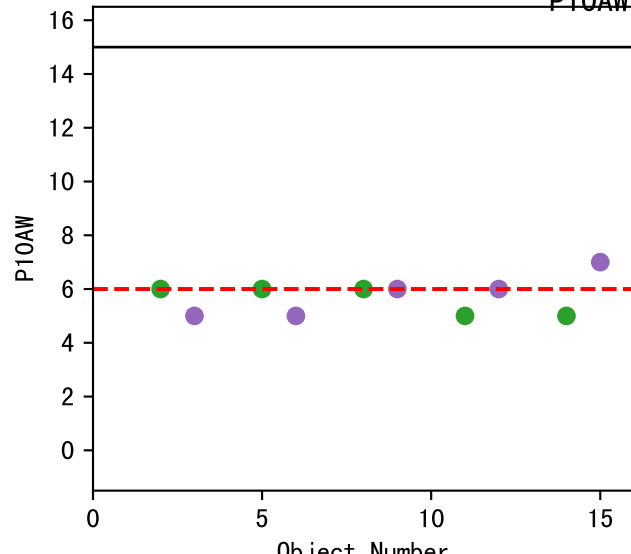
avg1=0.00% avg2=na  
P10AW Truss



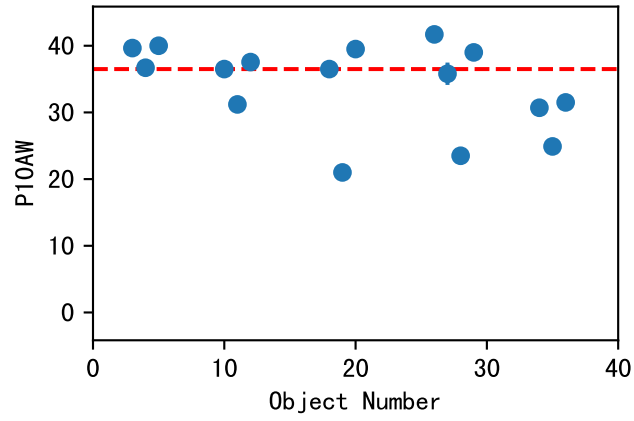
avg1=6.0 11% avg2=na

P10AW TrimFruit

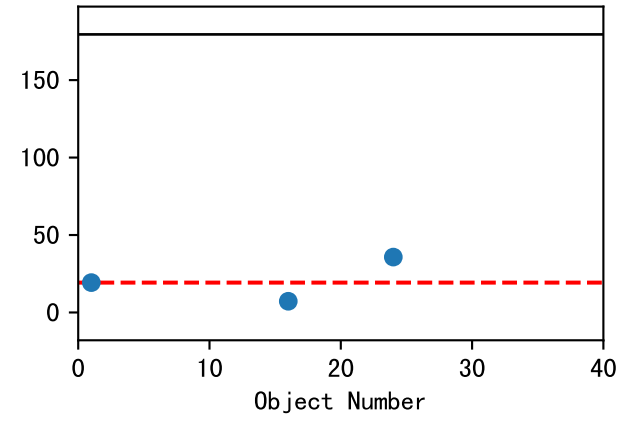
avg1=6.0 0% avg2=na



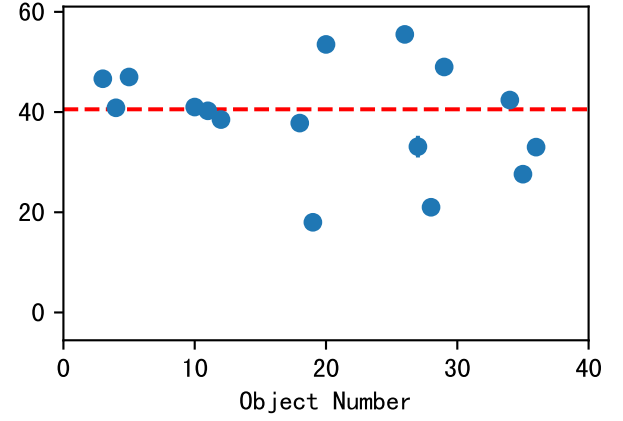
LTl\_avgAbsY (Def=na Set=36.5)  
avg1=36.5~17% avg2=na



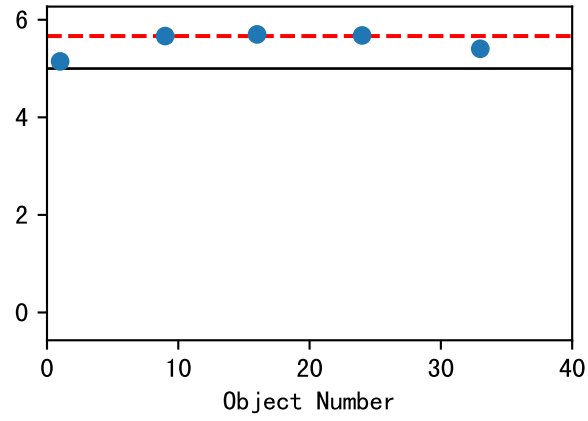
FRV\_Q90AbsY (Def=179.5 Set=179.5)  
avg1=179.5~74% avg2=na



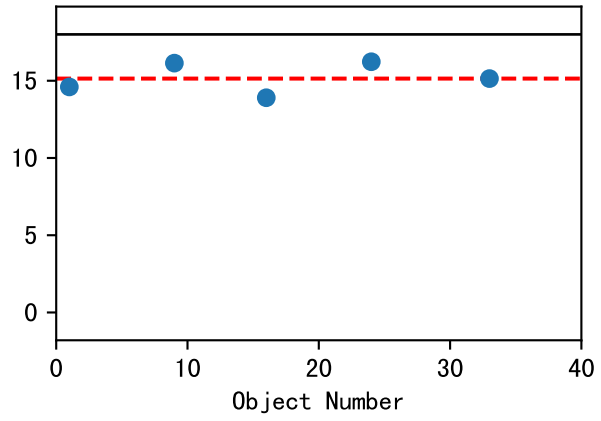
LTW\_avgAbsY (Def=na Set=40.55)  
avg1=40.55~26% avg2=na



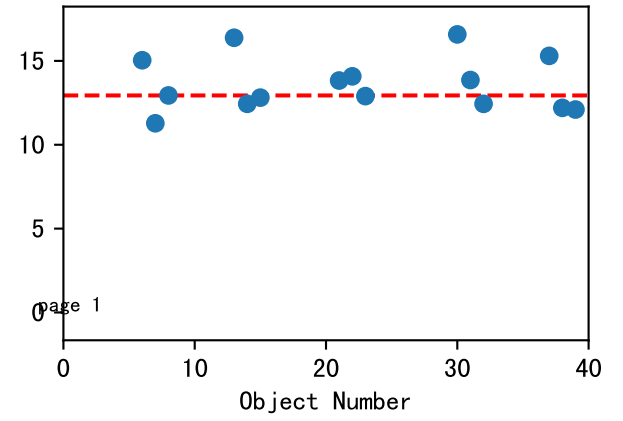
NdL\_Q90AbsY (Def=5 Set=5.67)  
avg1=5.67~4% avg2=na



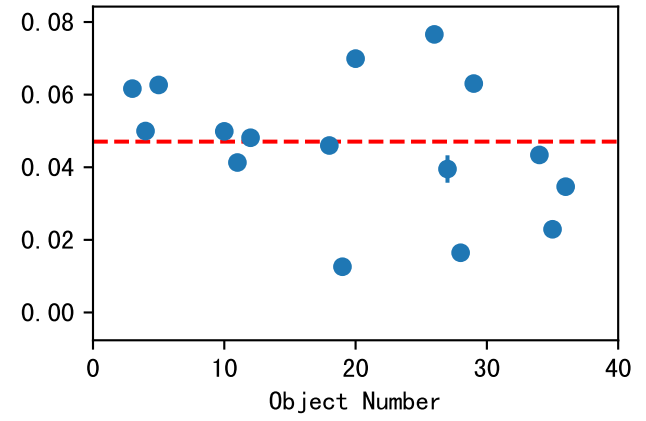
NdD\_Q90AbsY (Def=18 Set=15.14)  
avg1=15.14~7% avg2=na



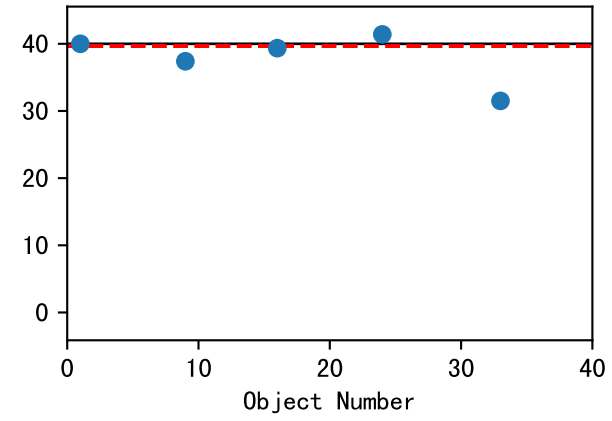
NdD\_avgAbsY (Def=na Set=12.94)  
avg1=12.94~12% avg2=na



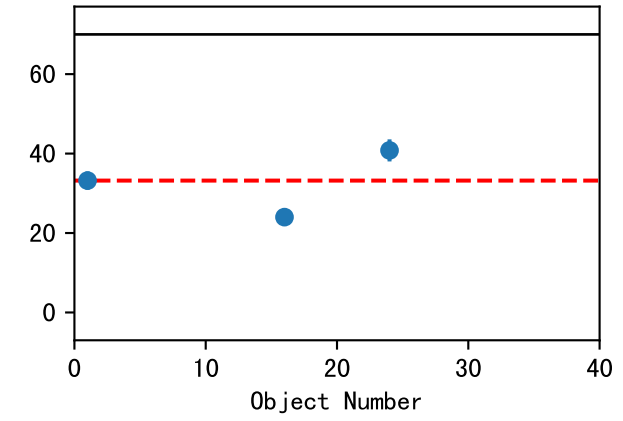
LTA\_avgAbsY (Def=na Set=0.05)  
avg1=0.05~39% avg2=na



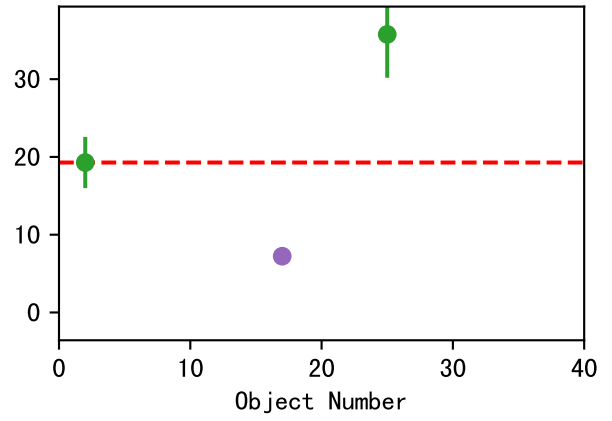
LTA\_Q90AbsY (Def=40 Set=39.67)  
avg1=39.67~40% avg2=na



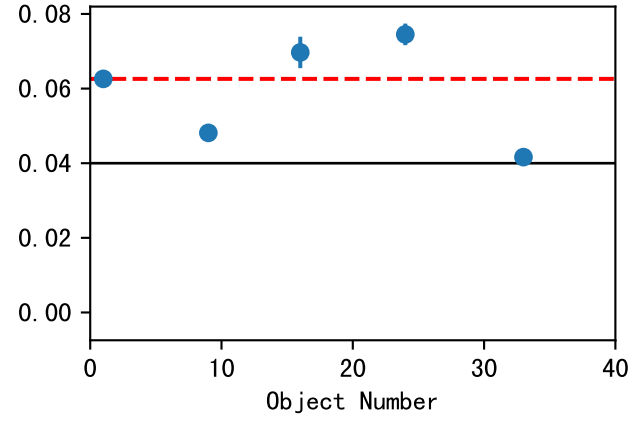
FRD\_Q90AbsY (Def=70 Set=33.2)  
avg1=33.2~25% avg2=na



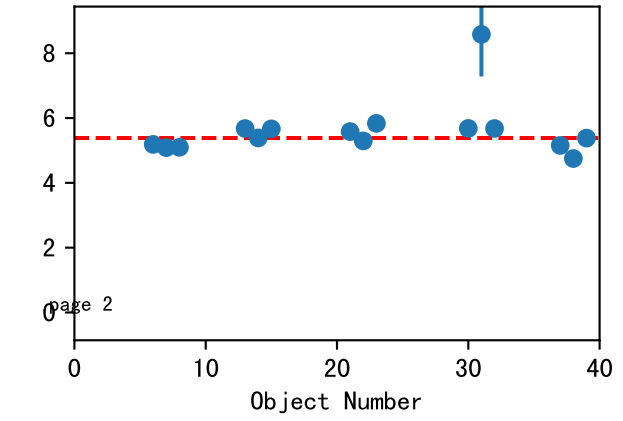
FrV\_avgAbsY (Def=na Set=na)  
avg1=19.28~74% avg2=na



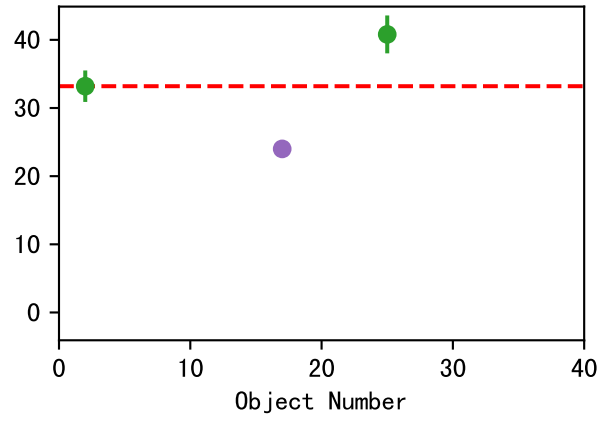
LfA\_Q90AbsY (Def=0.04 Set=0.06)  
avg1=0.06~22% avg2=na



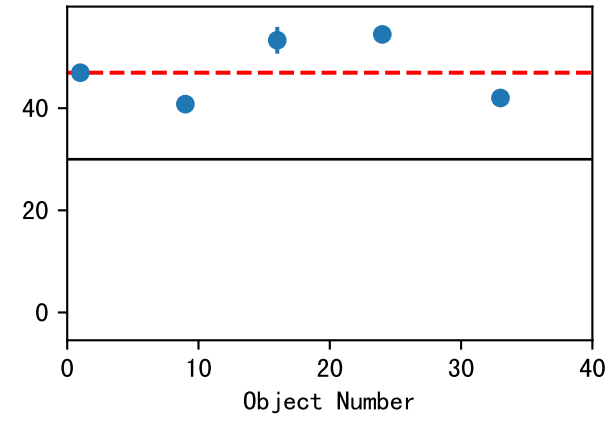
NdL\_avgAbsY (Def=na Set=5.38)  
avg1=5.38~6% avg2=na



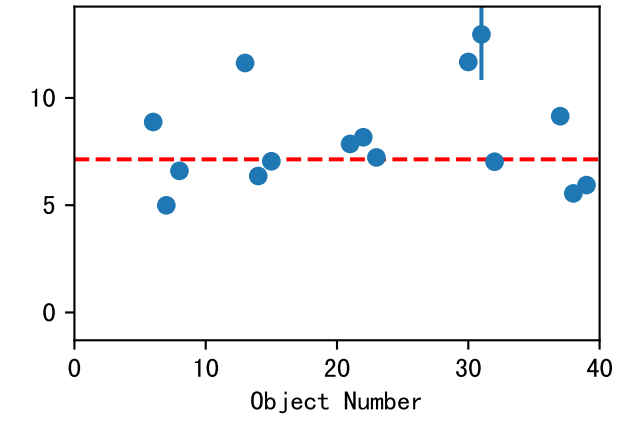
FRD\_avgAbsY (Def=na Set=33.2)  
avg1=33.2~25% avg2=na



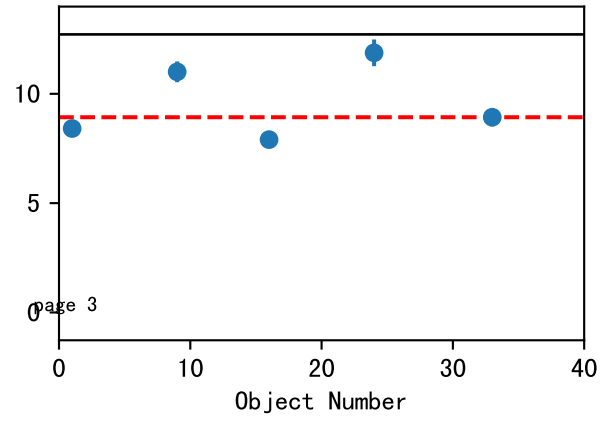
LTW\_Q90AbsY (Def=30 Set=46.93)  
avg1=46.93~18% avg2=na



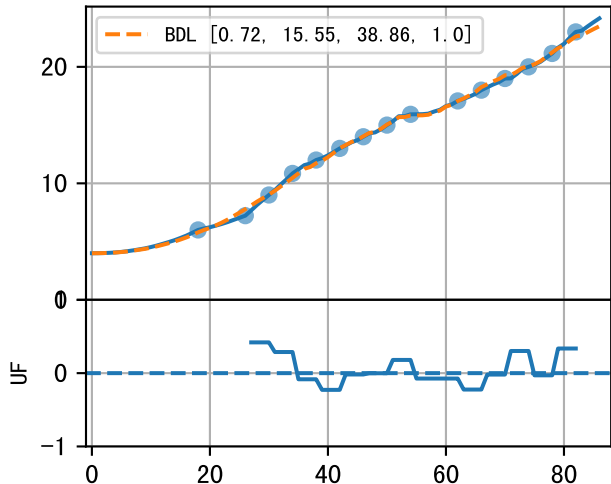
Ndv\_avgAbsY (Def=na Set=7.14)  
avg1=7.14~29% avg2=na



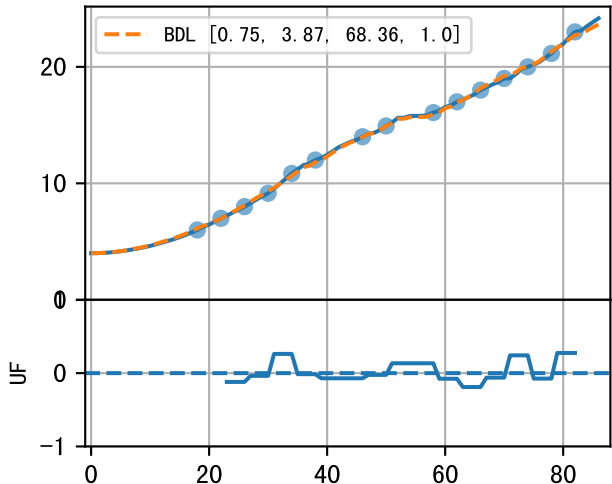
NdV\_Q90AbsY (Def=12.72 Set=8.93)  
avg1=8.93~19% avg2=na



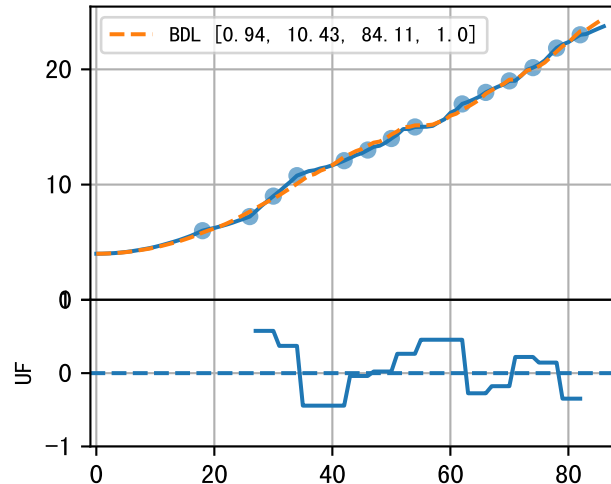
P10AW-004-12 (fit failed)



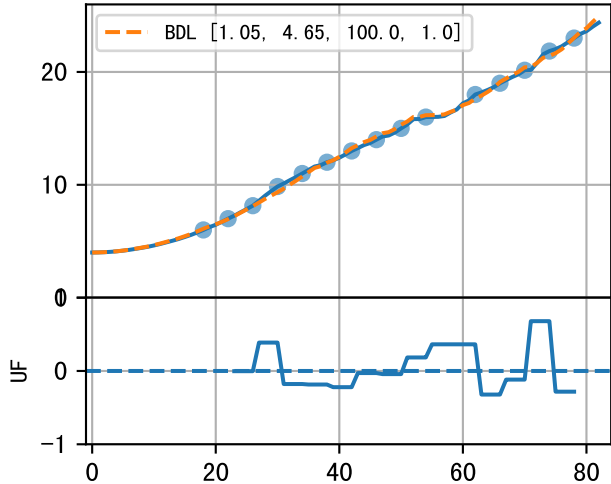
P10AW-010-25 (fit failed)



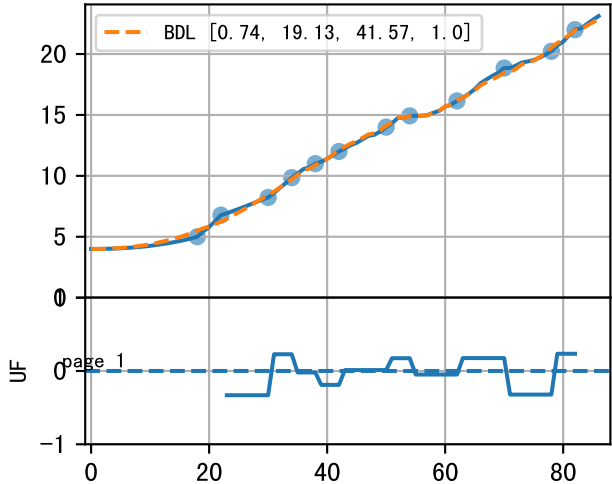
P10AW-017-16 (fit failed)



P10AW-025-3 (fit failed)

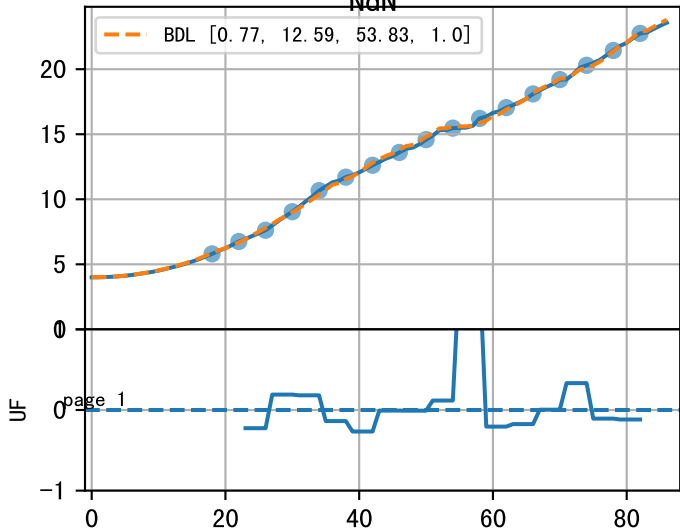


P10AW-032-33 (fit failed)

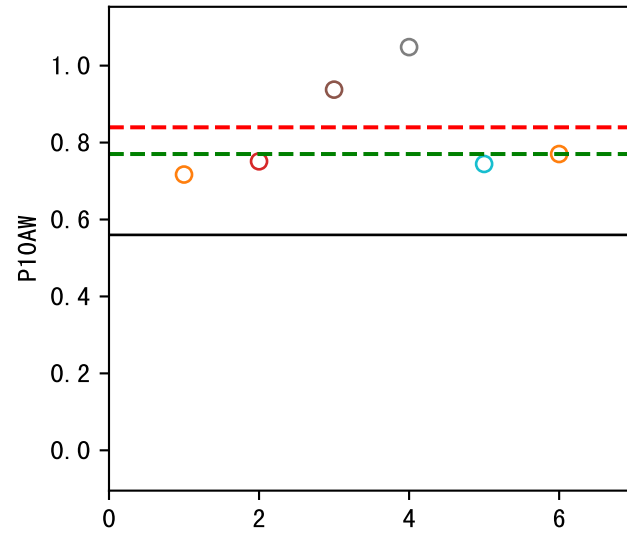


PIOWavg (fit failed)  
NdN

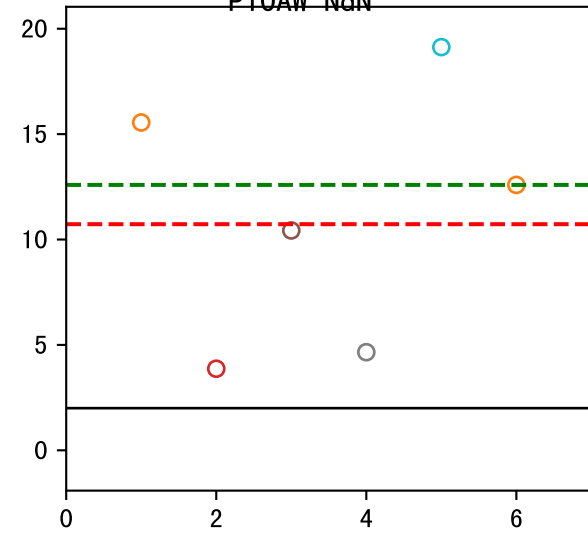
BDL [0.77, 12.59, 53.83, 1.0]



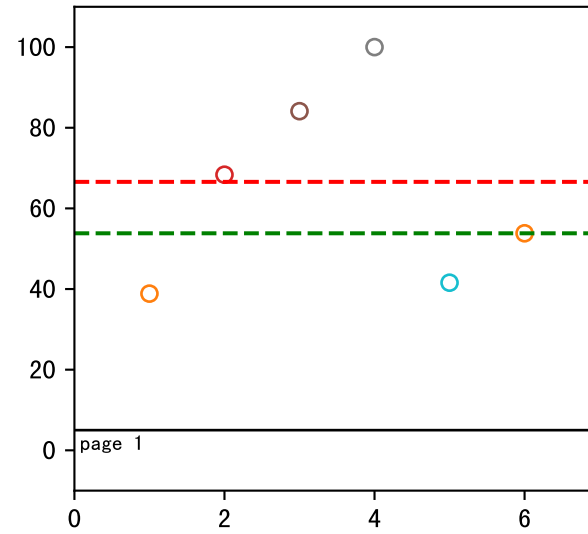
avg1=0.84 (fail) avg2=0.77

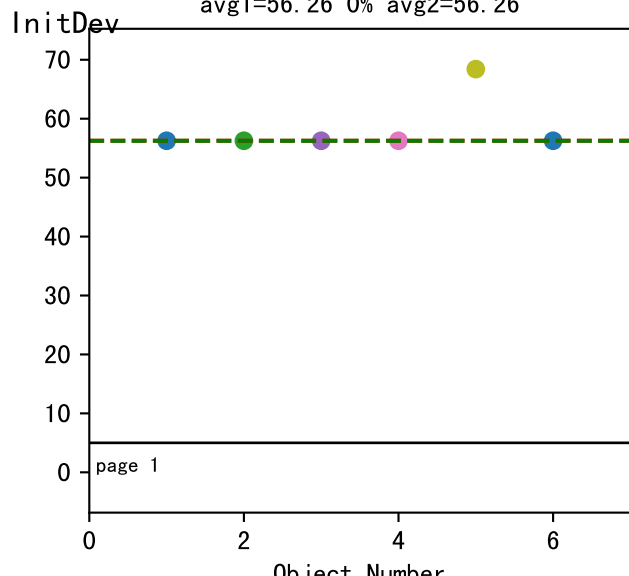
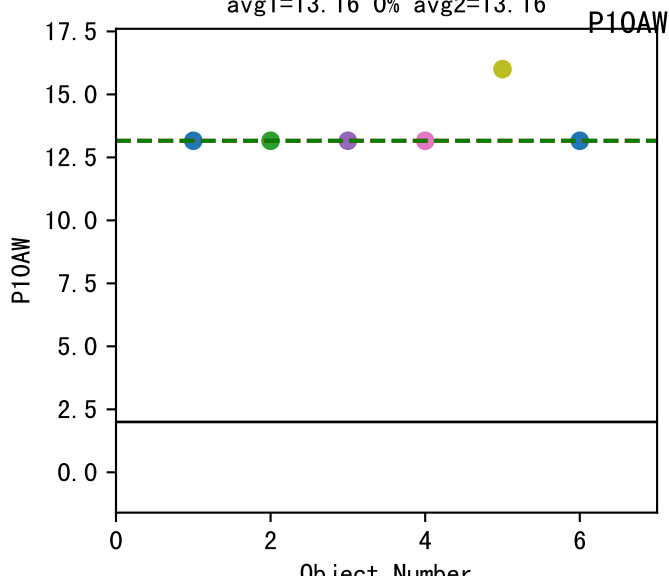


avg1=10.73 (fail) avg2=12.59

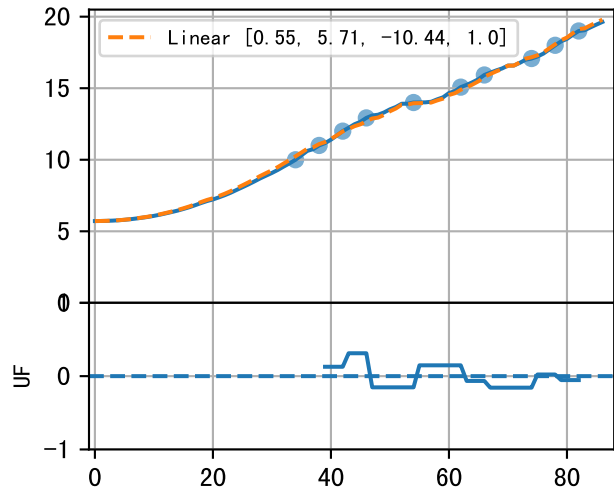


avg1=66.58 (fail) avg2=53.83

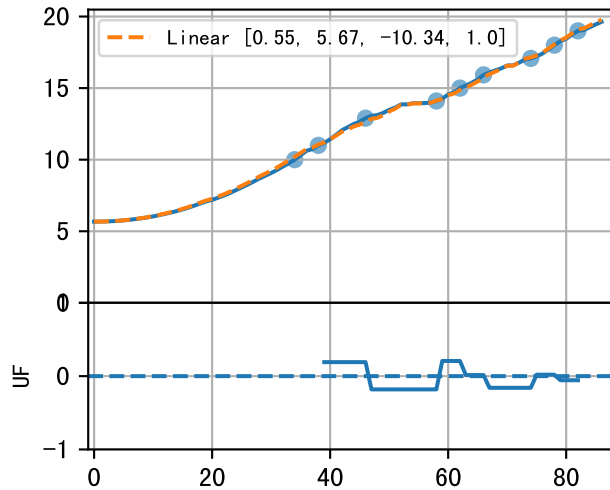




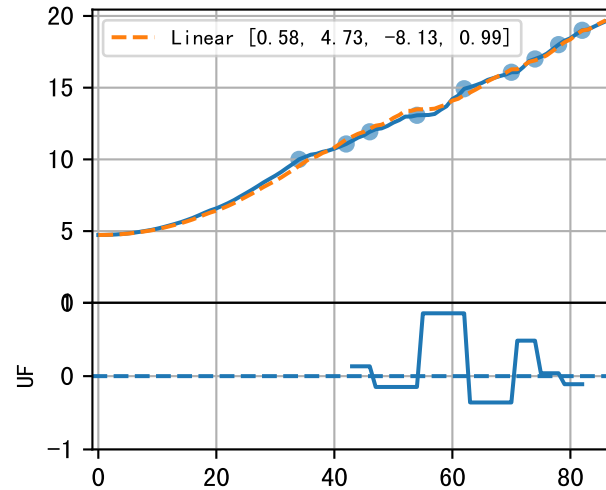
P10AW-004-12



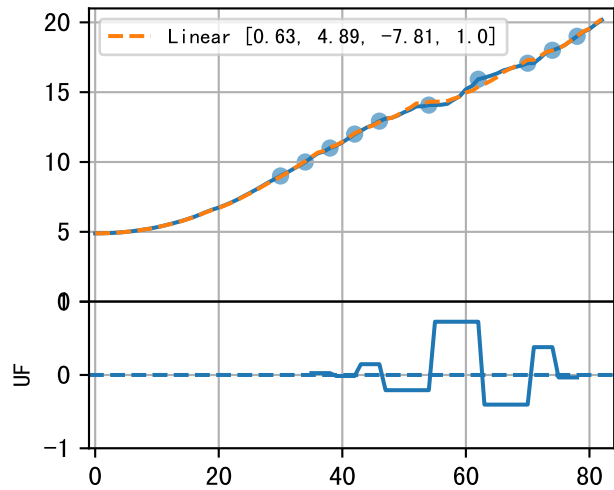
P10AW-010-25



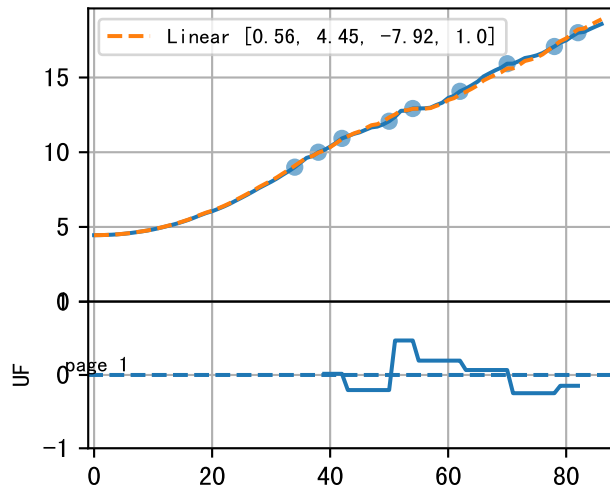
P10AW-017-16



P10AW-025-3

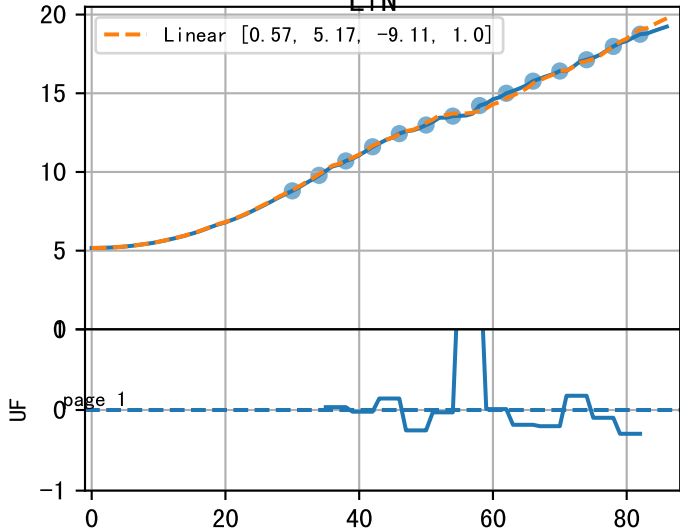


P10AW-032-33

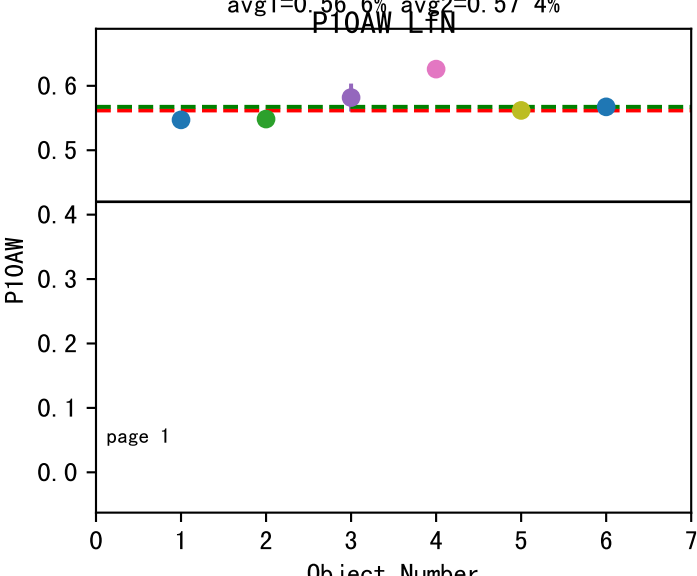


PTOavg  
Lfn

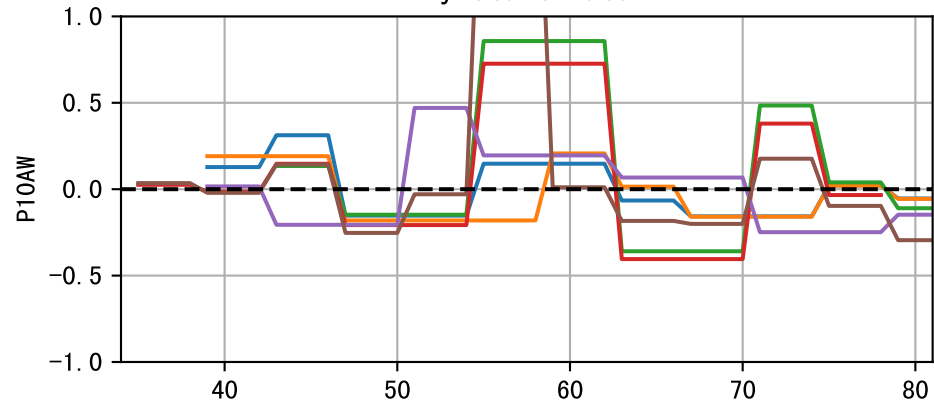
Linear [0.57, 5.17, -9.11, 1.0]



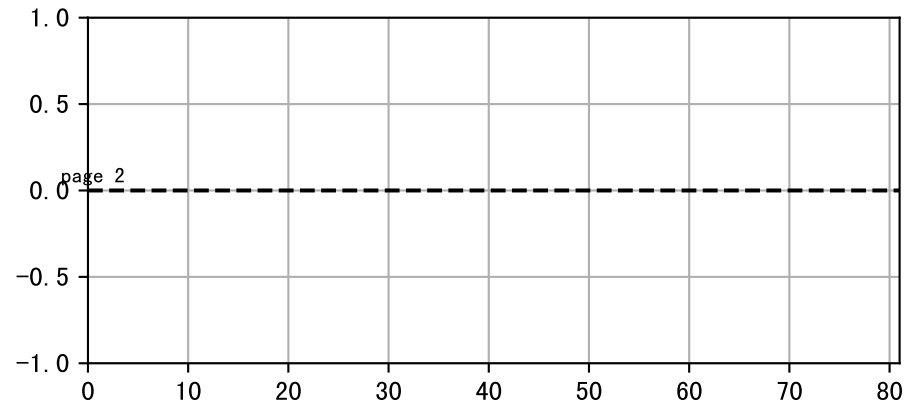
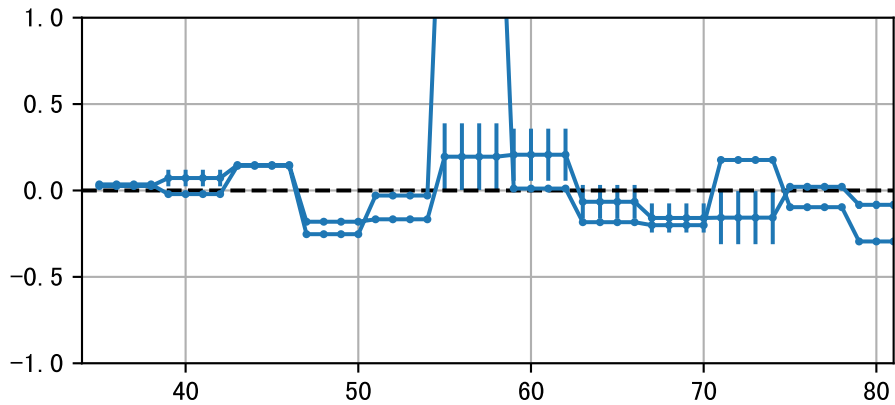
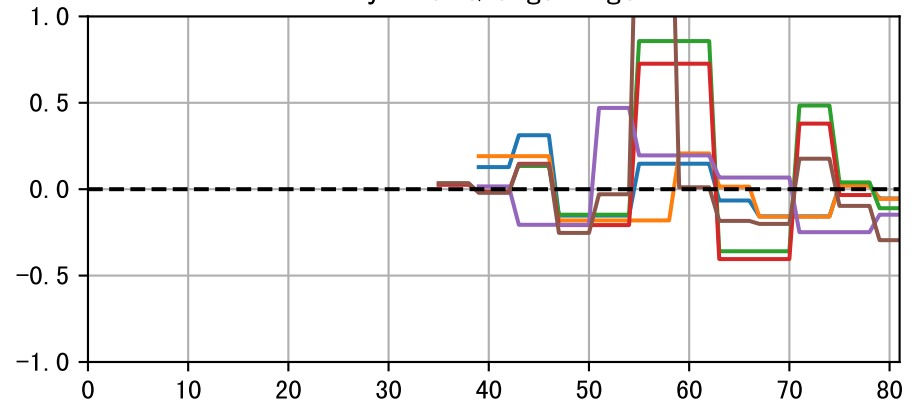
UF page 1



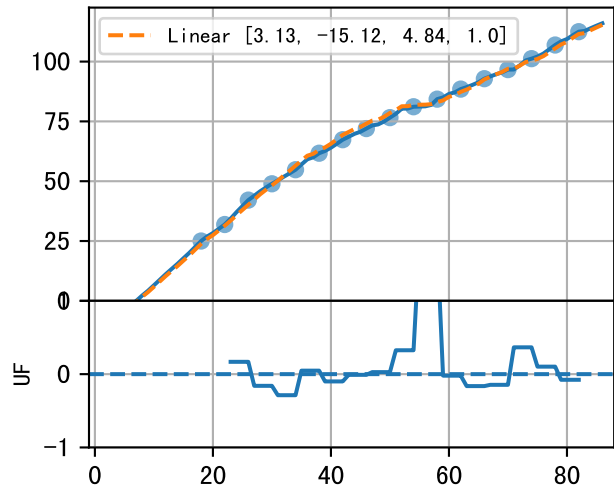
By Start Date



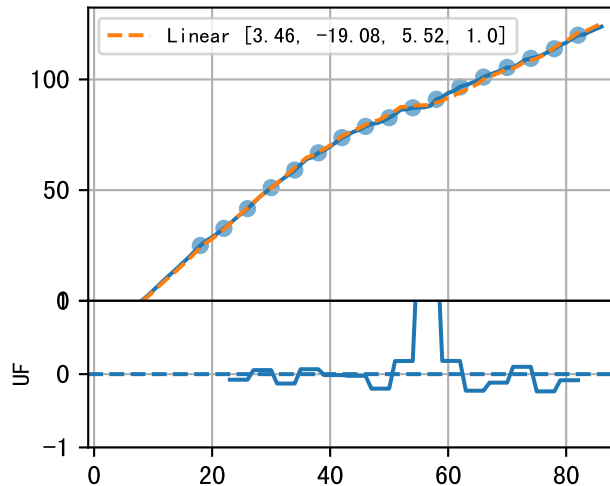
By Plant/Organ Age



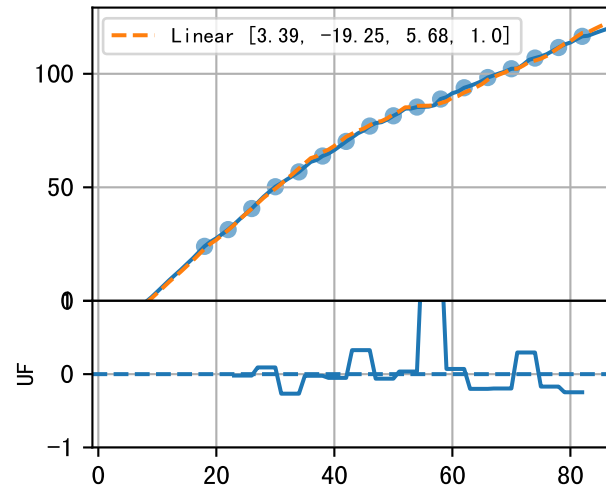
P10AW-004-12



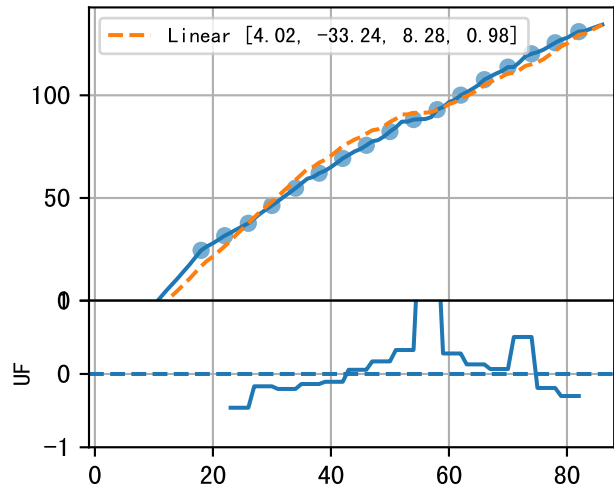
P10AW-010-25



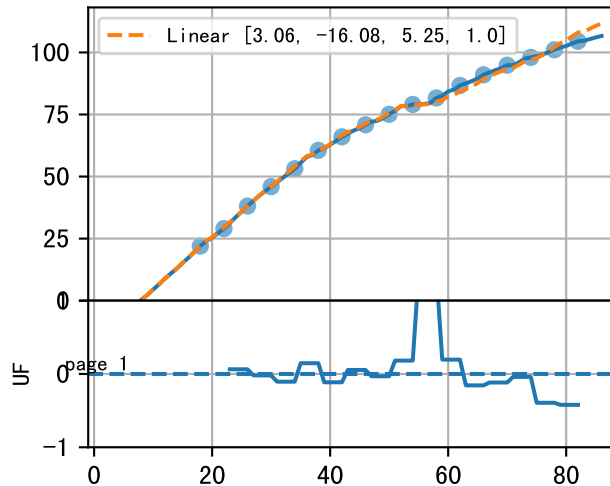
P10AW-017-16



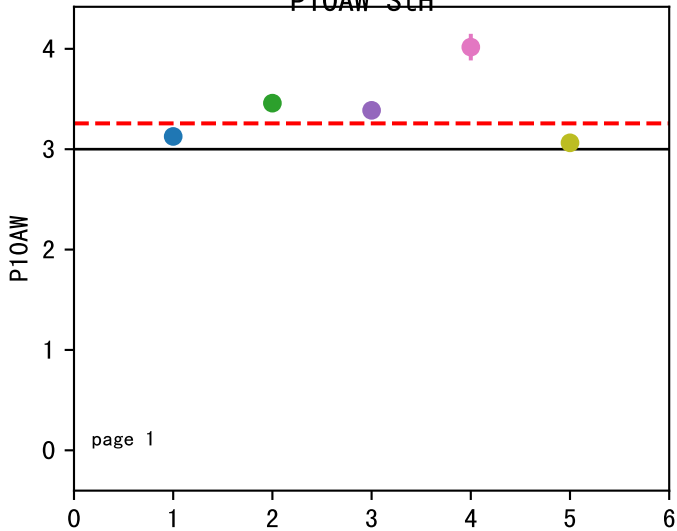
P10AW-025-3



P10AW-032-33

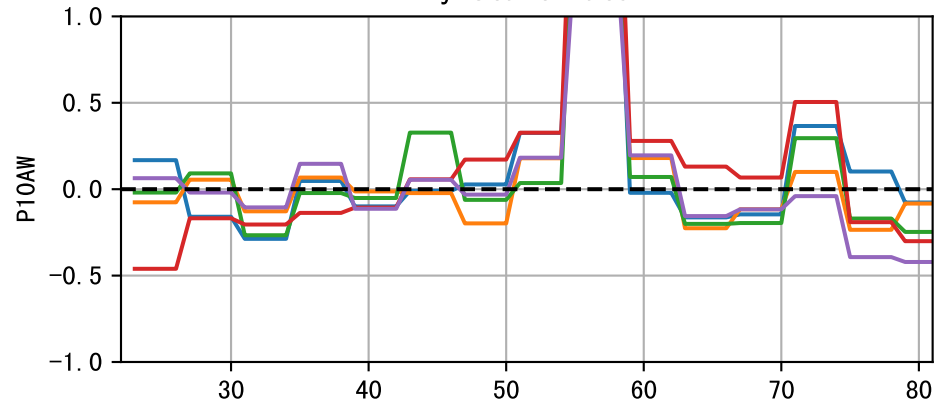


avg1=3.20, avg2=na  
P10AW StH

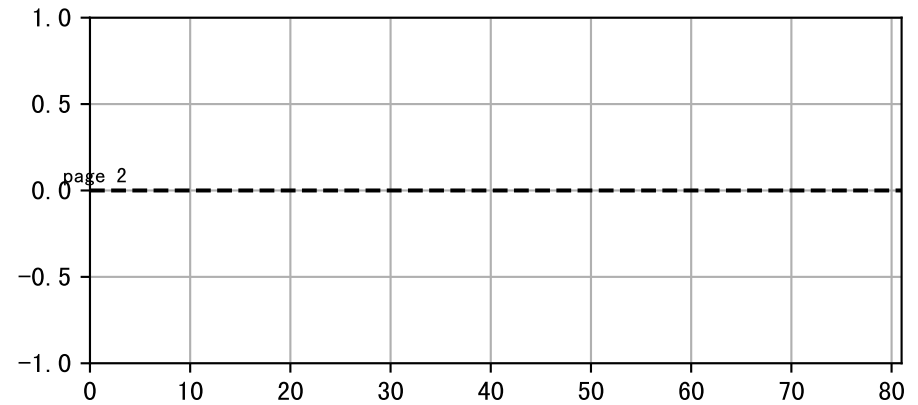
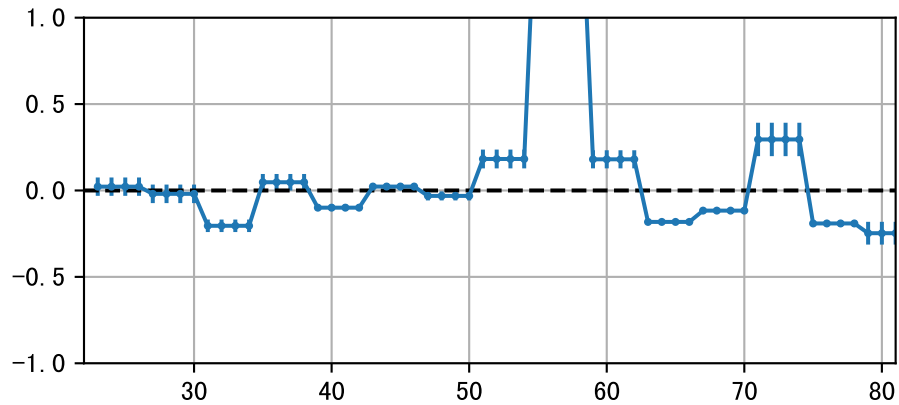
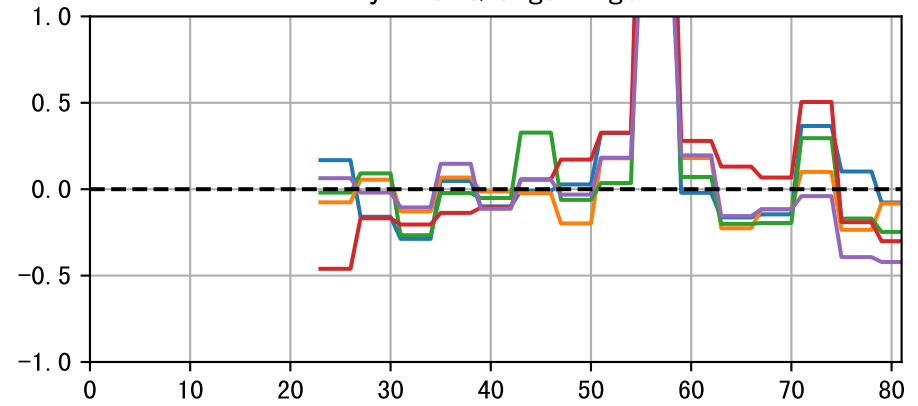


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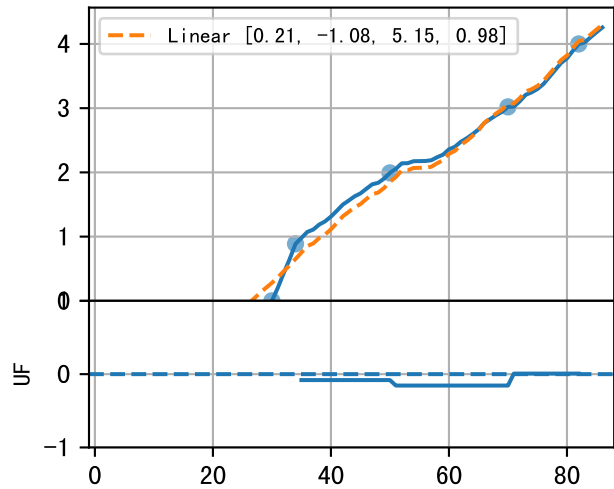
By Start Date



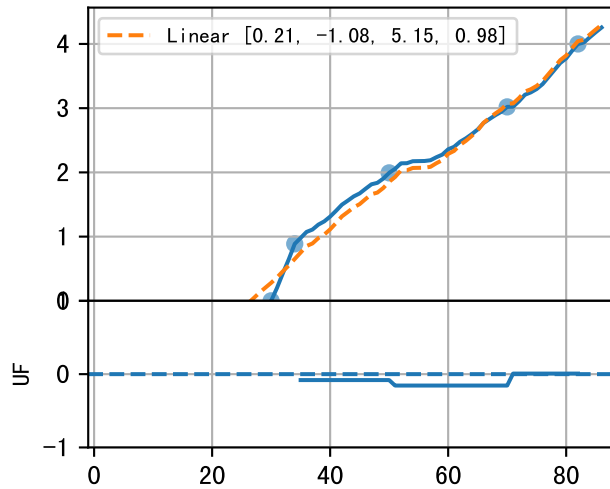
By Plant/Organ Age



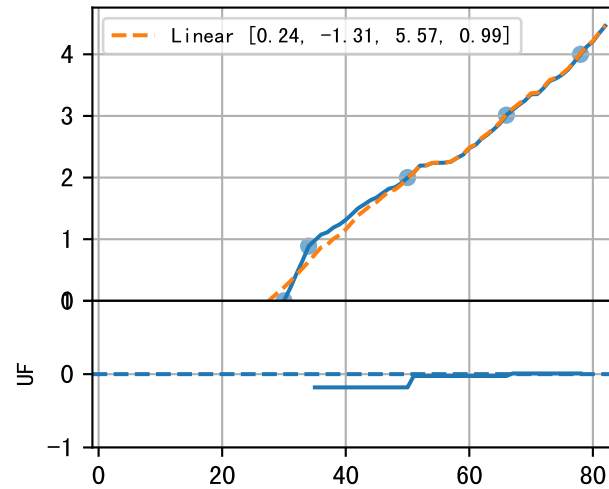
P10AW-004-12



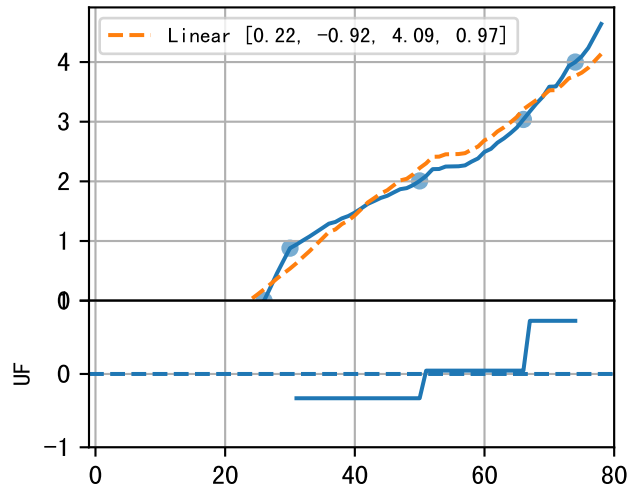
P10AW-010-25



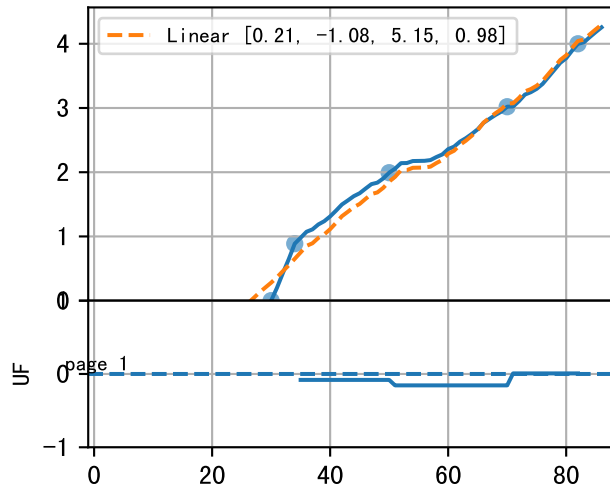
P10AW-017-16



P10AW-025-3



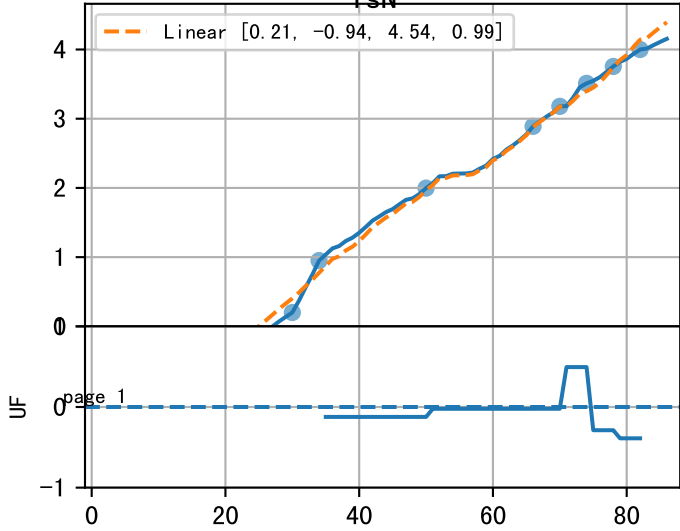
P10AW-032-33

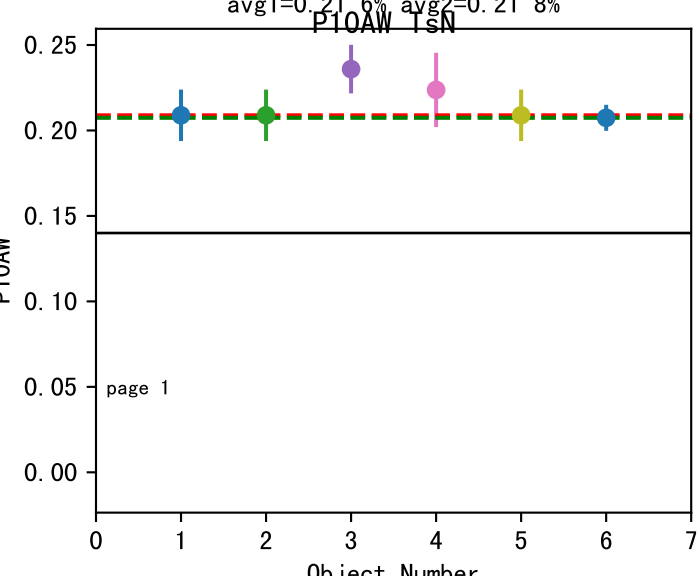


PTQWavg

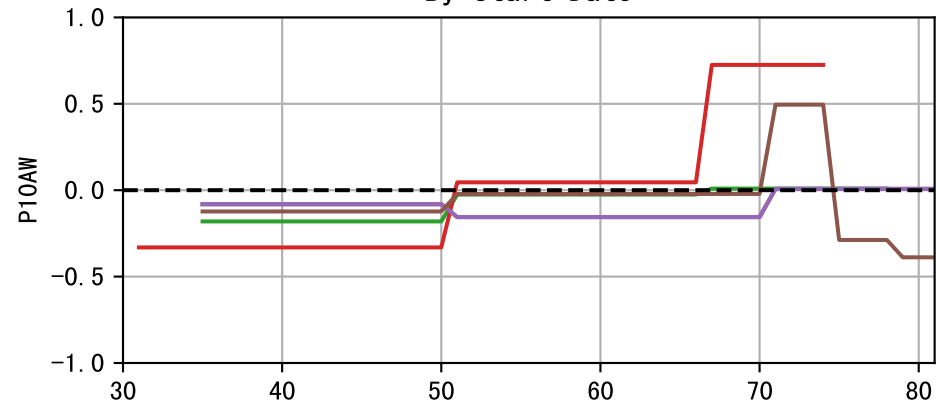
TSN

Linear [0.21, -0.94, 4.54, 0.99]

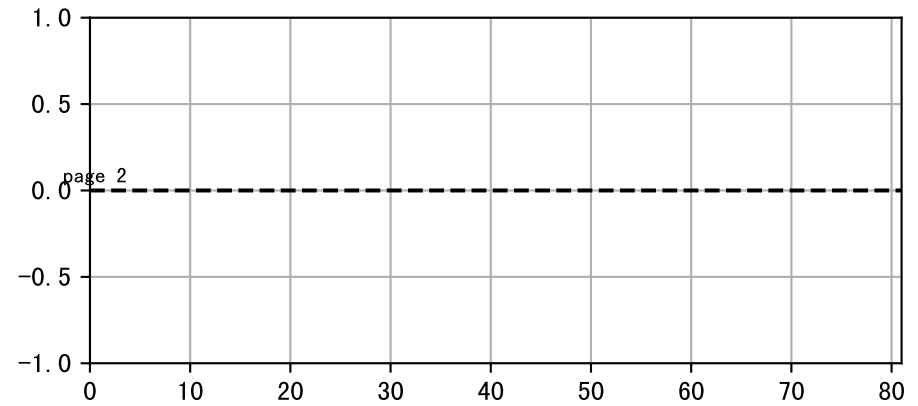
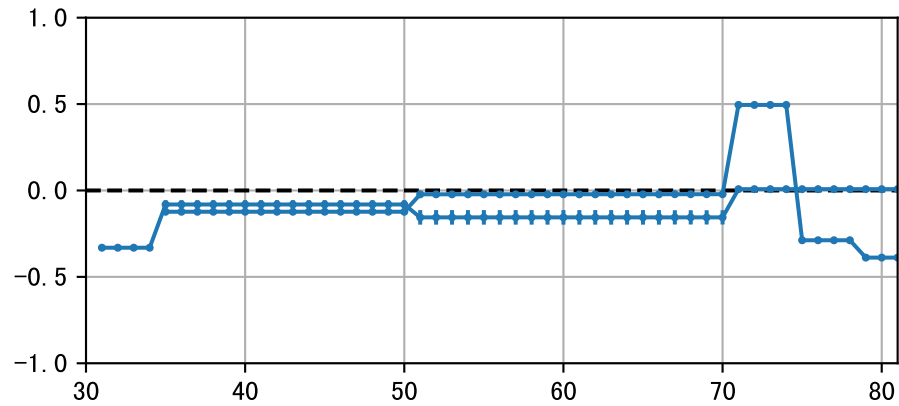
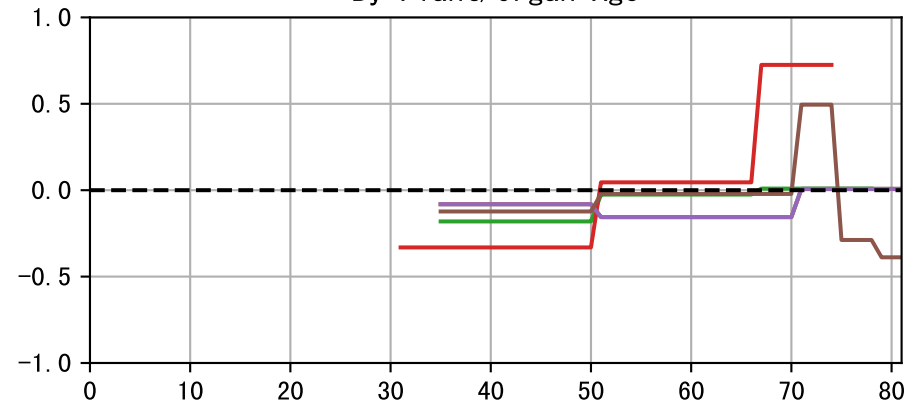


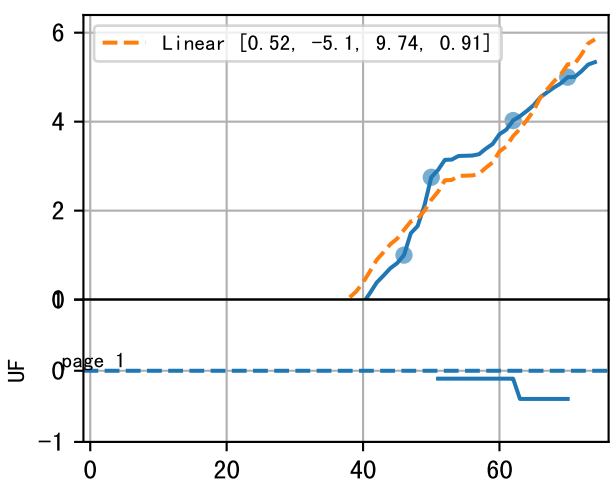
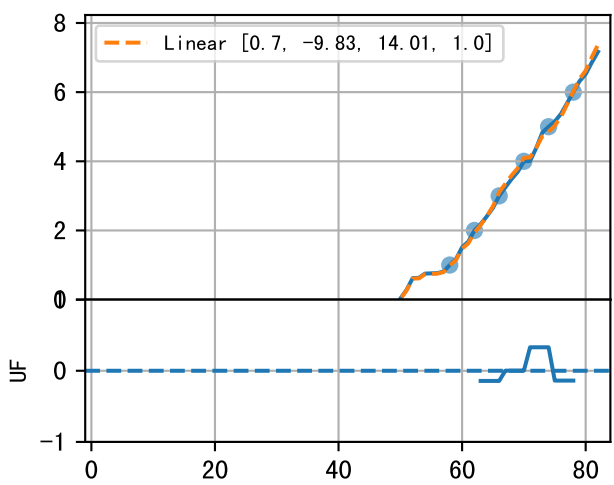
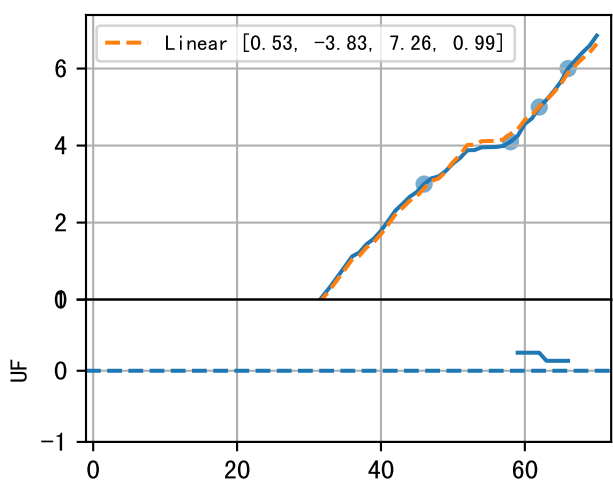
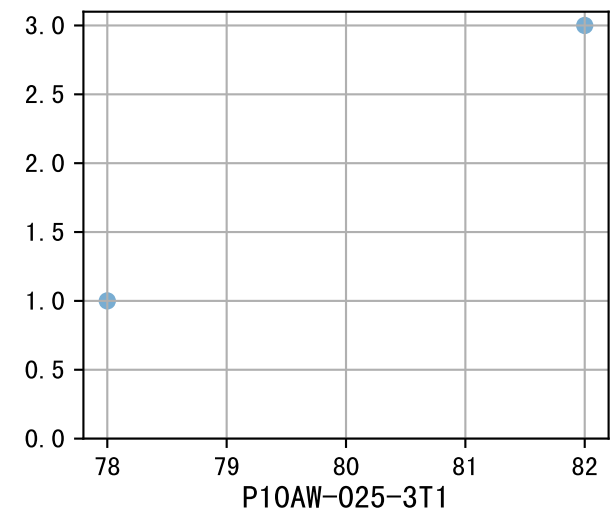
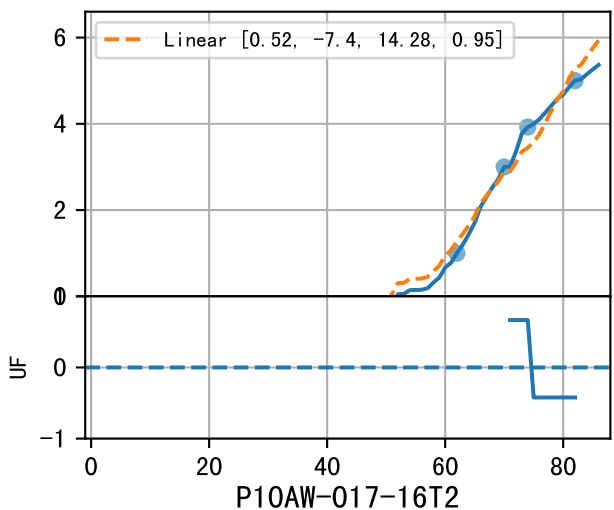
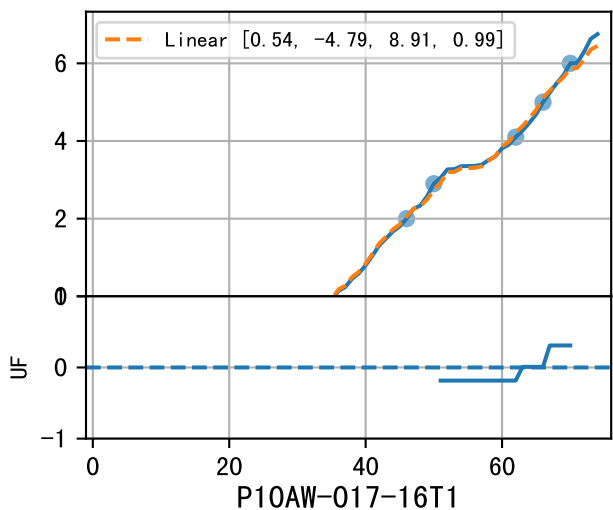
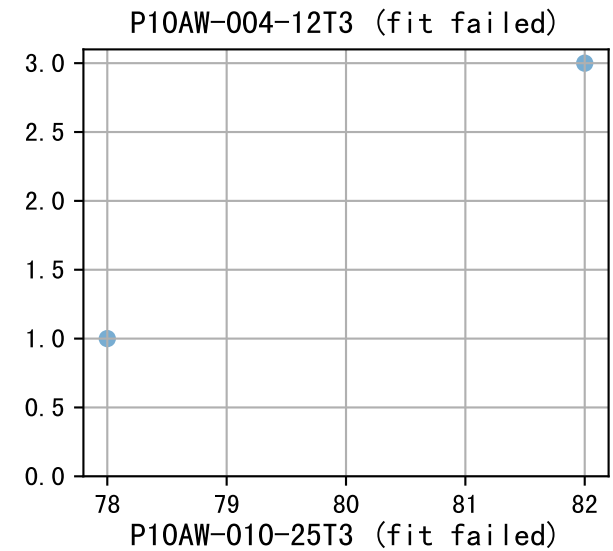
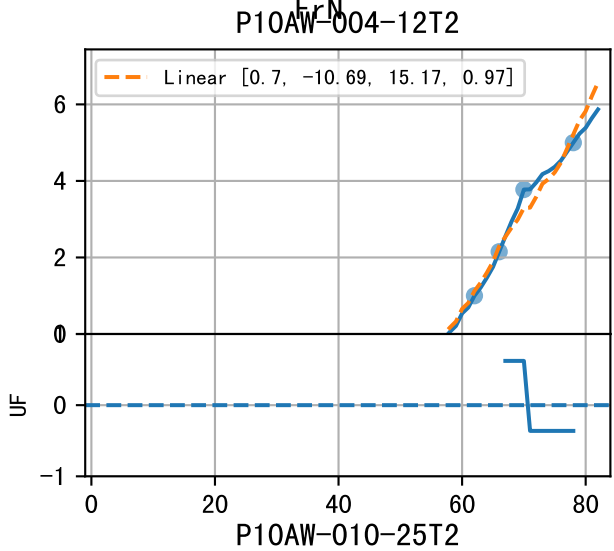
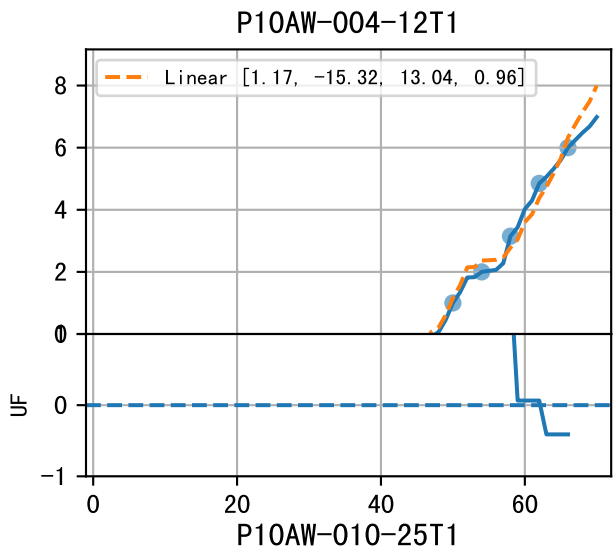


By Start Date

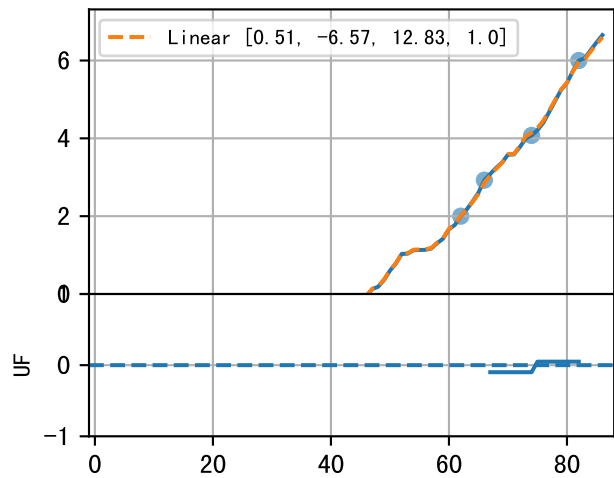


By Plant/Organ Age

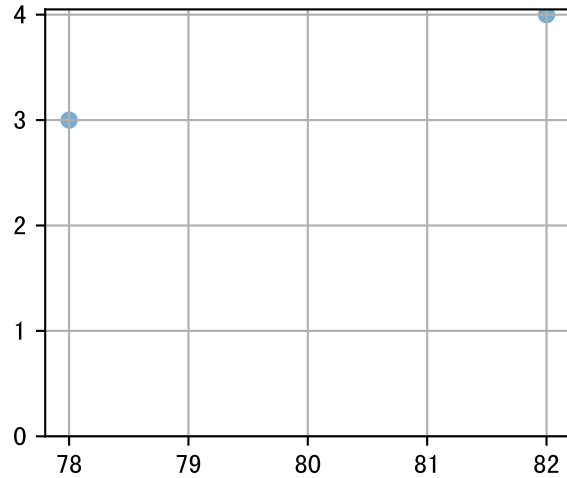




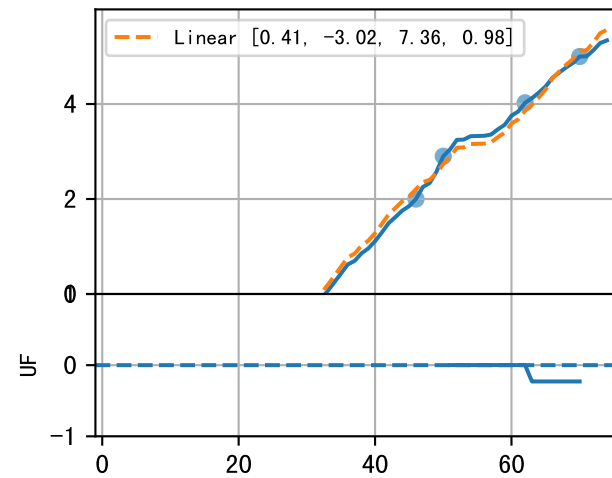
P10AW-025-3T2



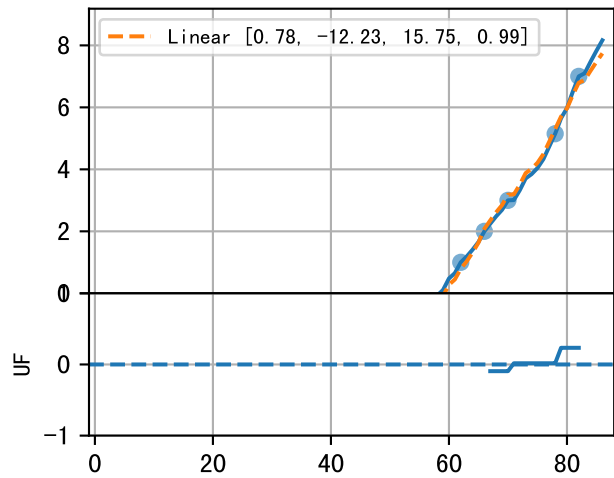
P10AW-025-3T3 (fit failed)



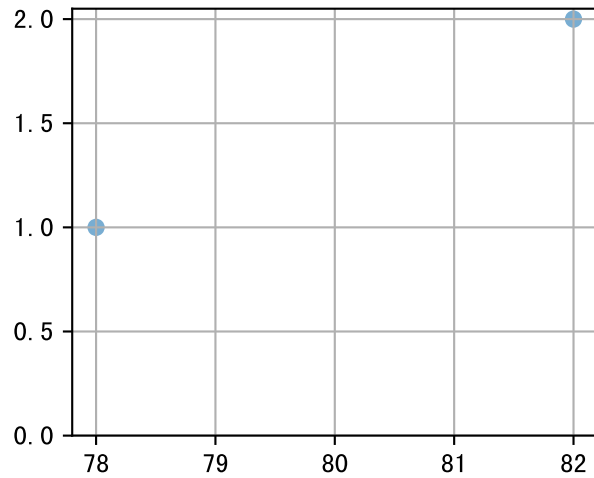
P10AW-032-33T1



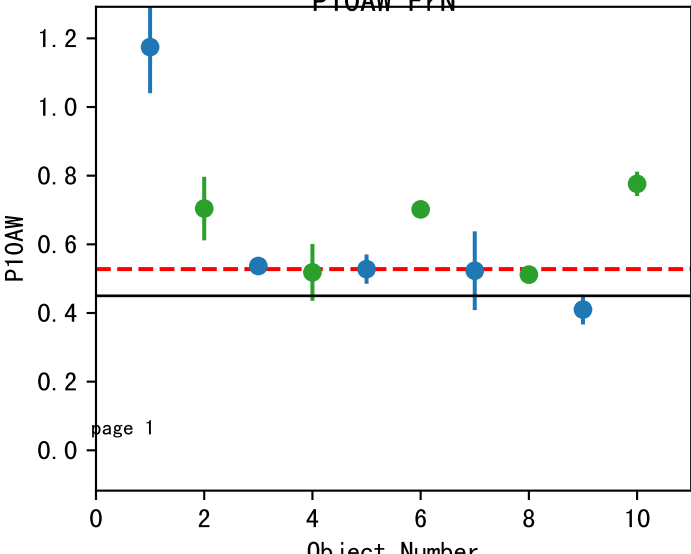
P10AW-032-33T2



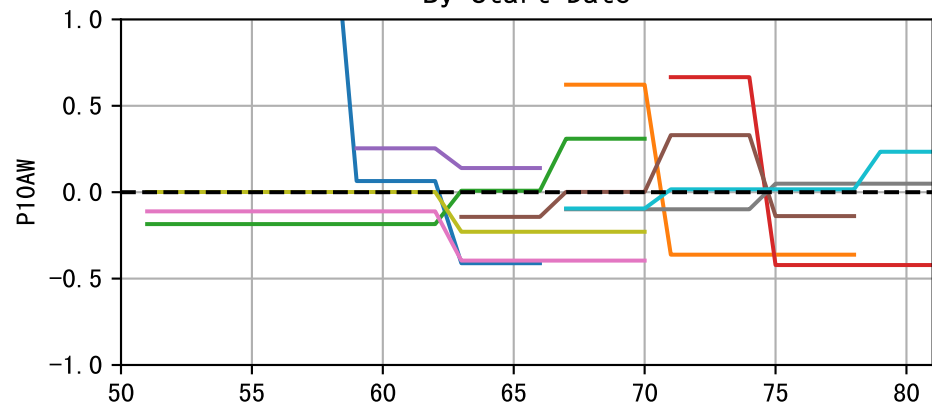
P10AW-032-33T3 (fit failed)



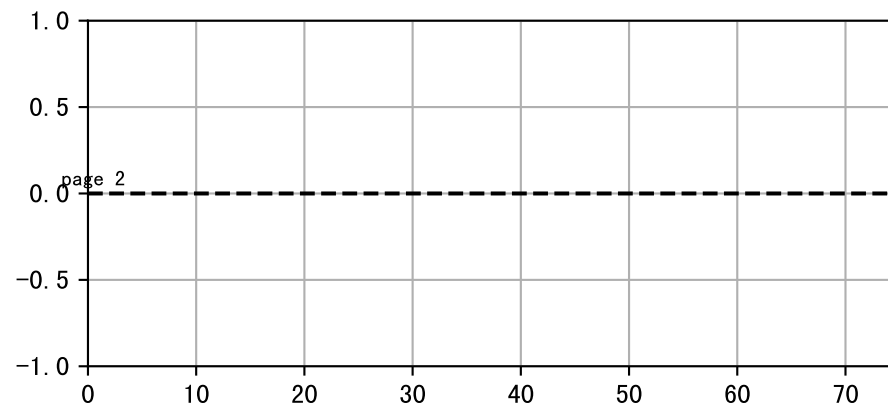
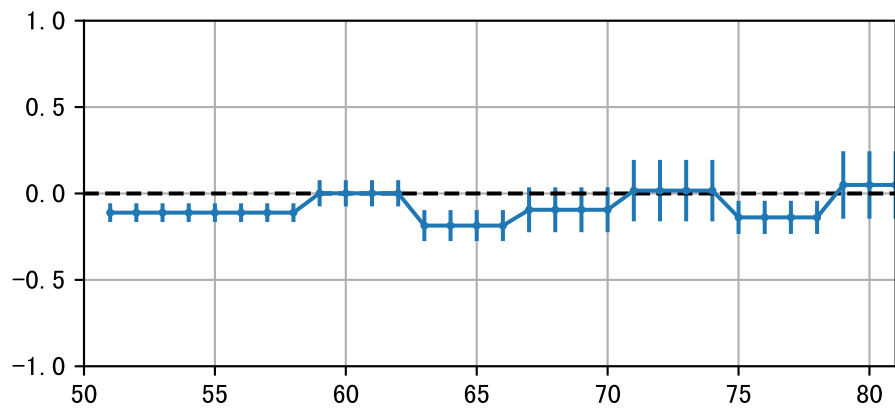
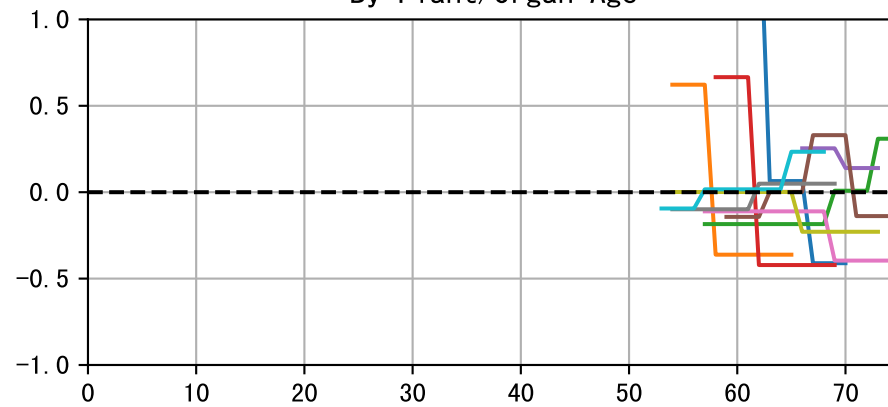
avg1=0.53 23% avg2=na  
P10AW FrN

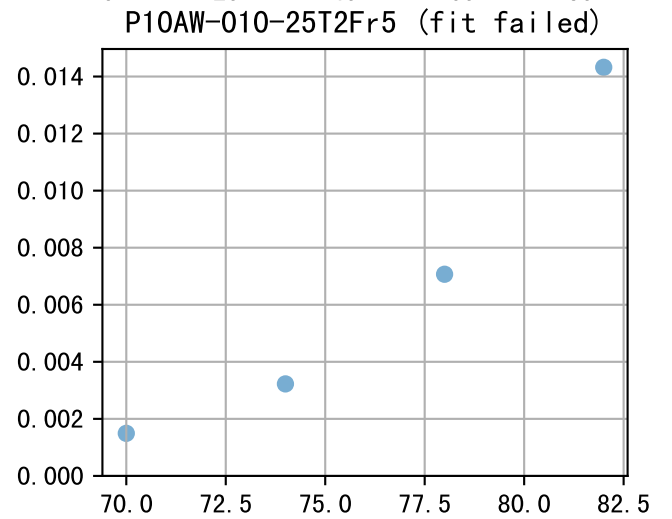
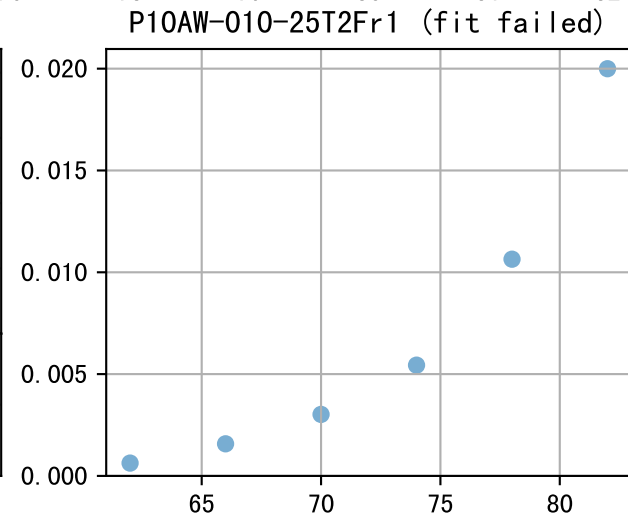
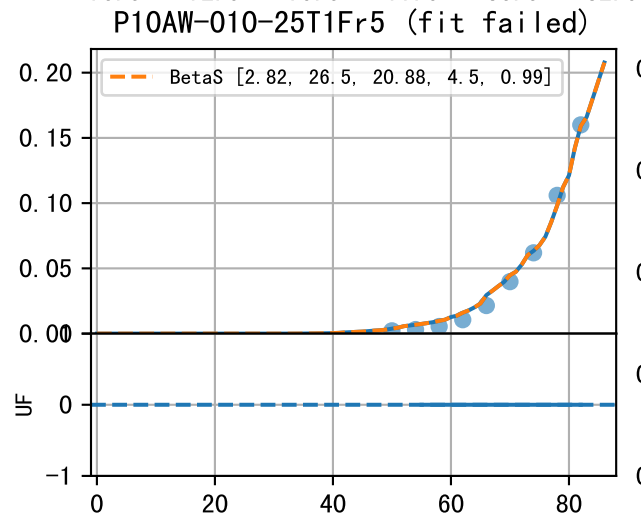
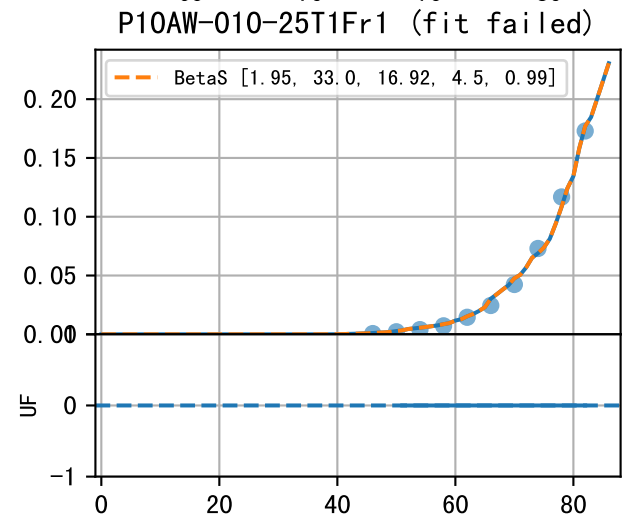
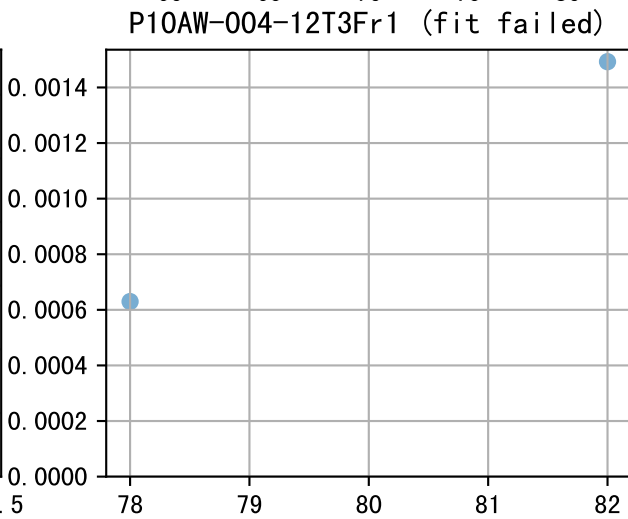
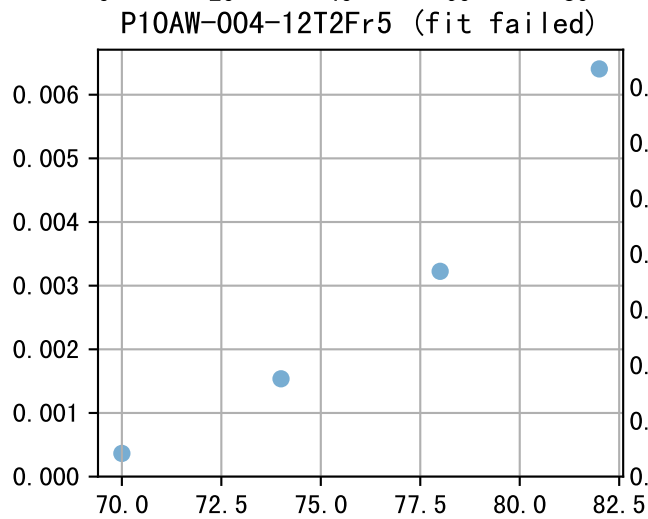
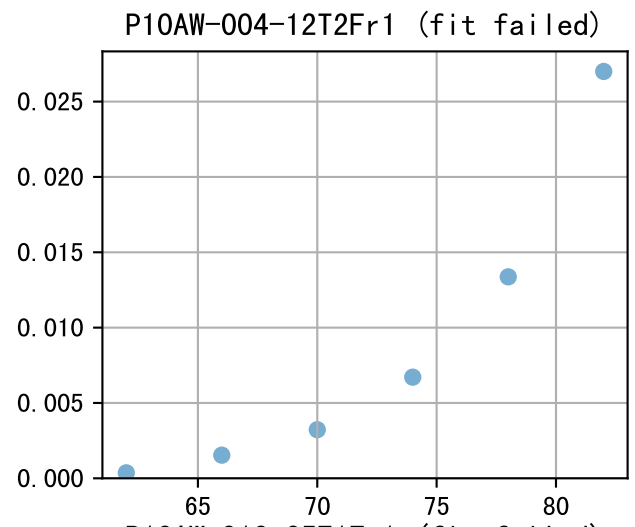
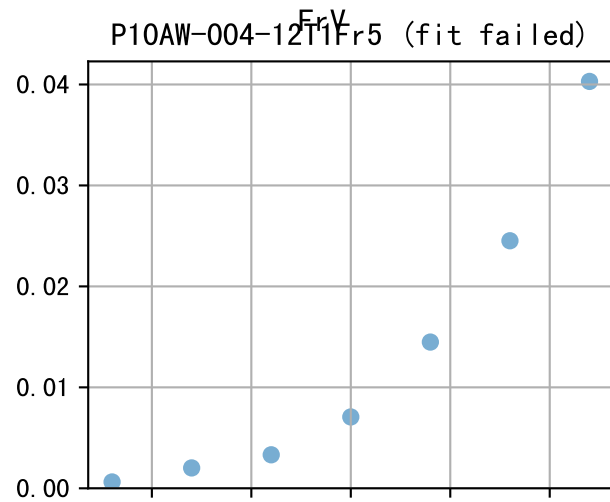
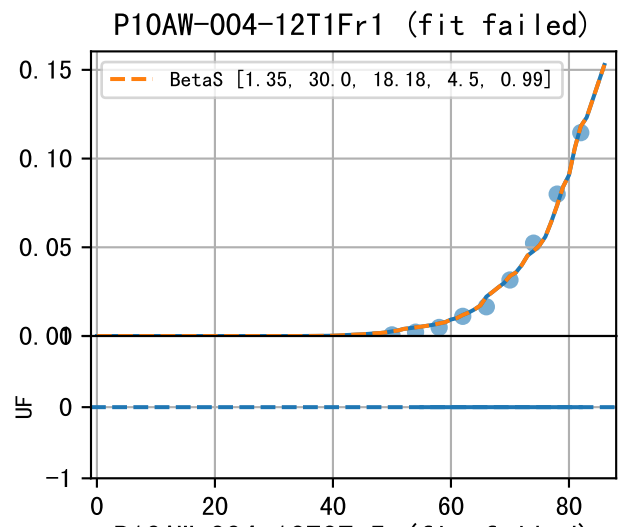


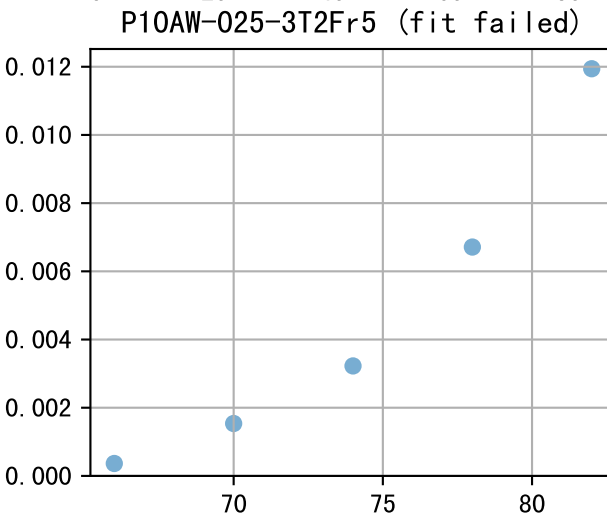
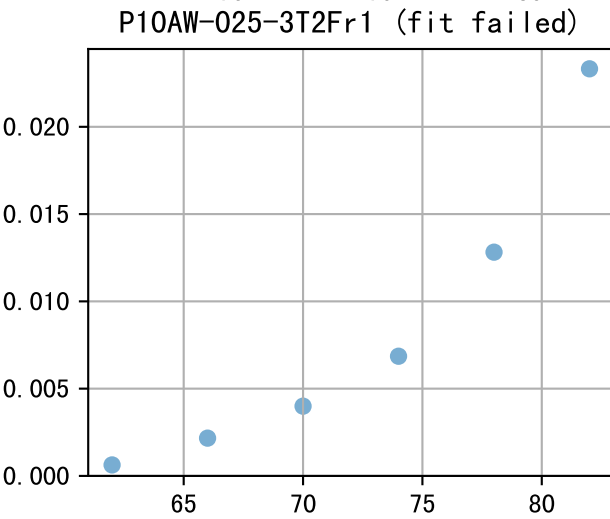
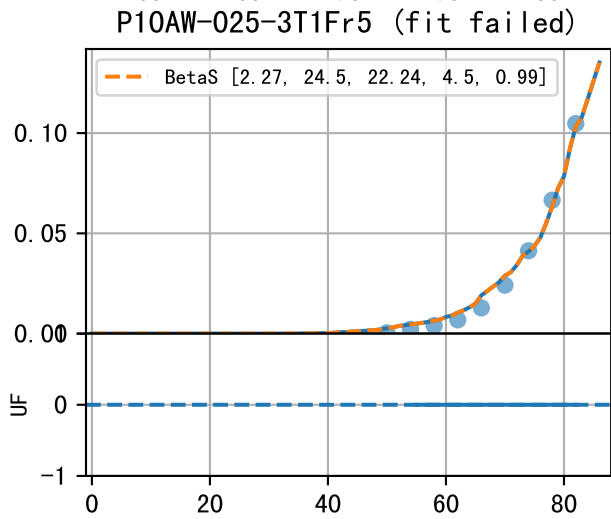
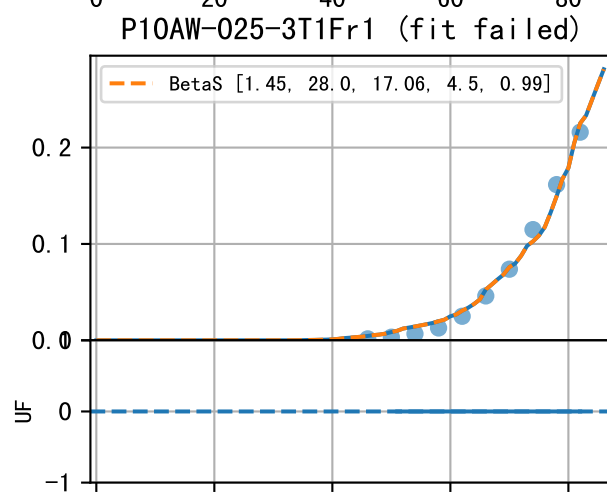
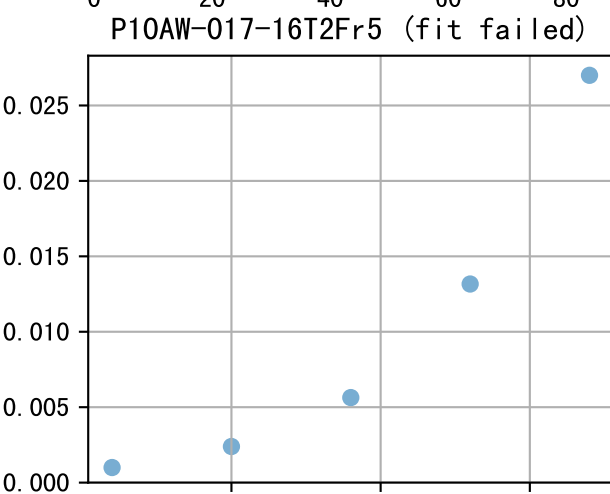
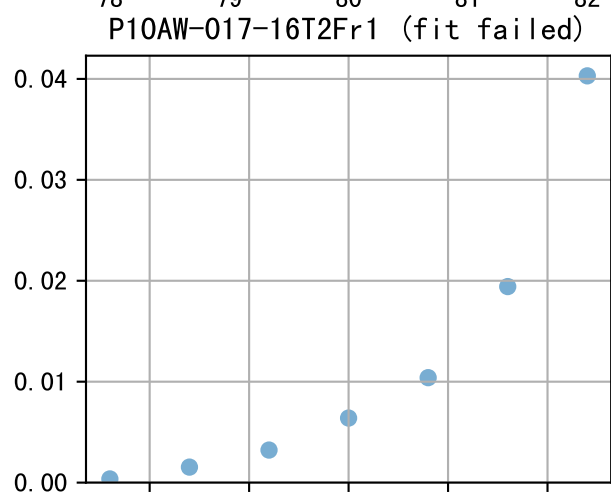
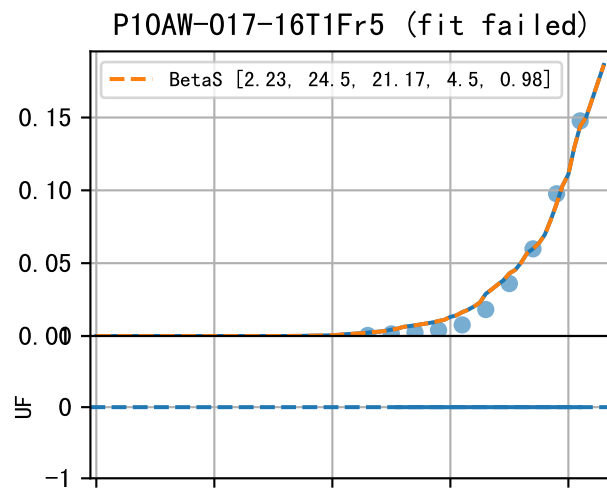
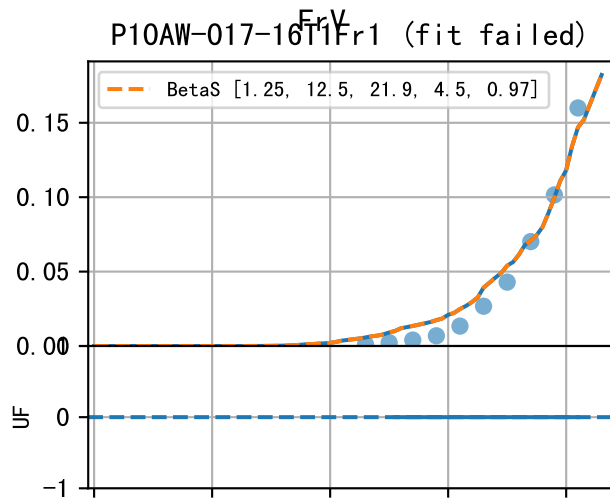
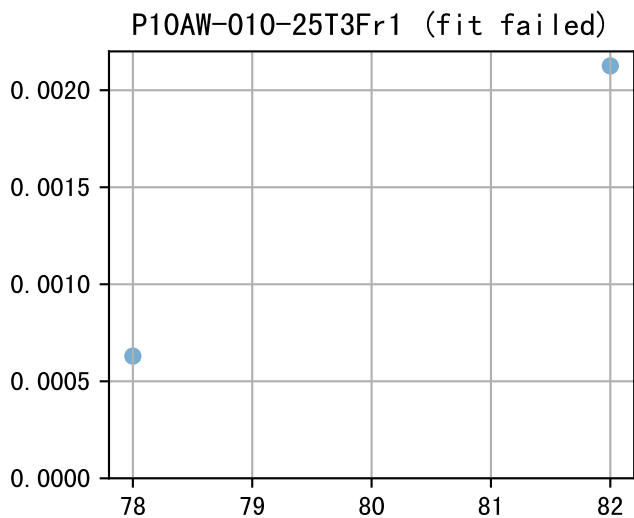
By Start Date

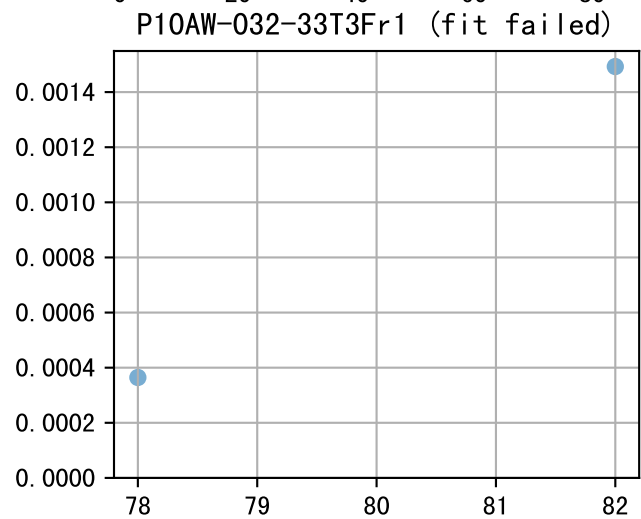
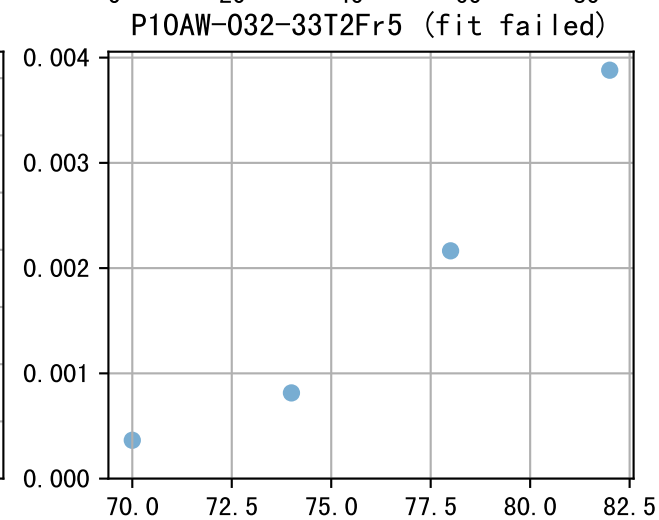
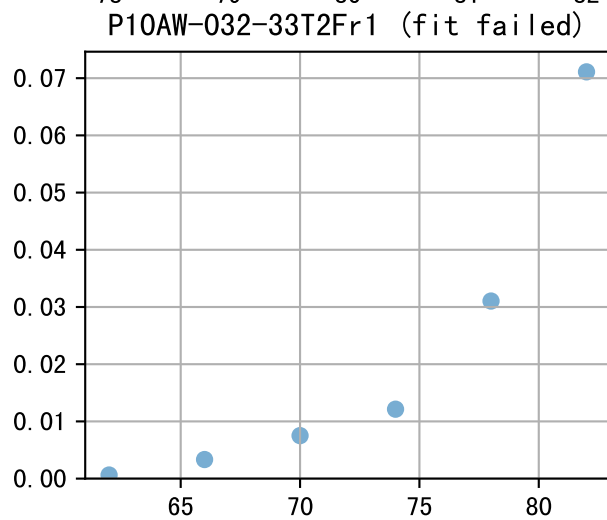
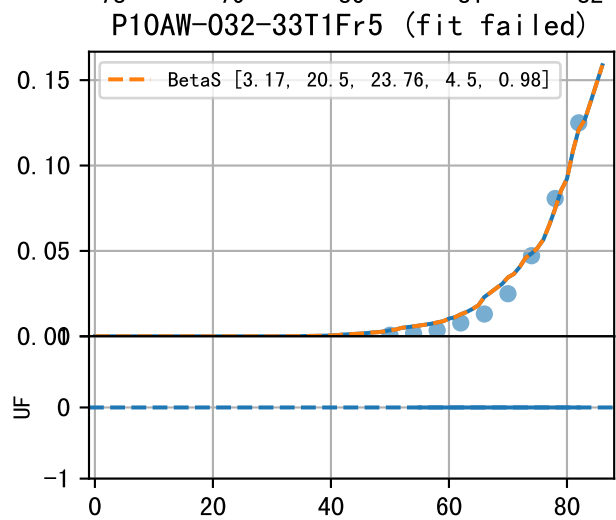
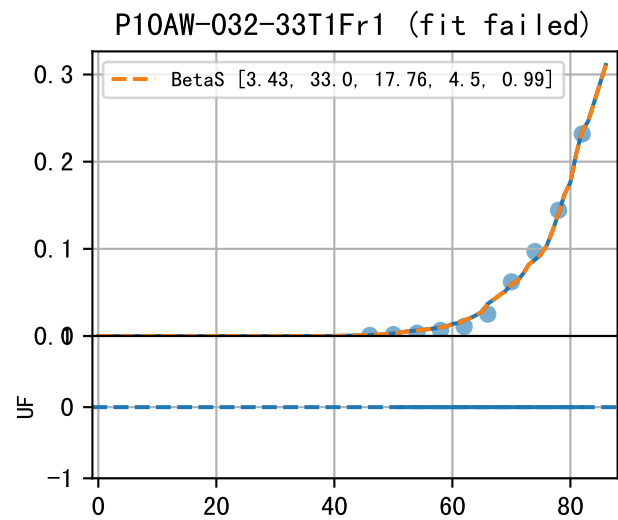
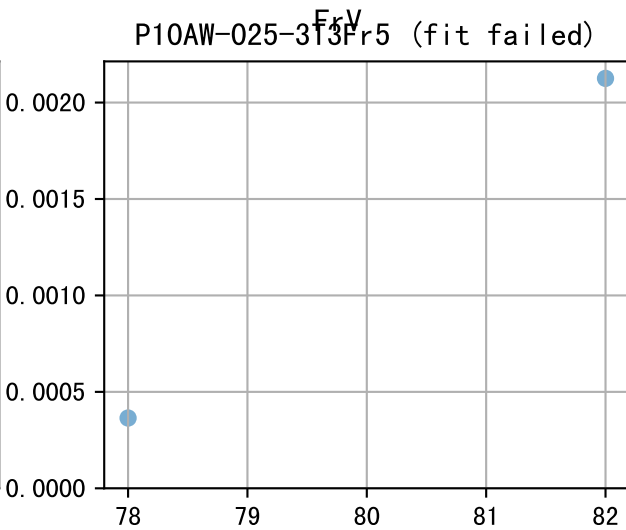
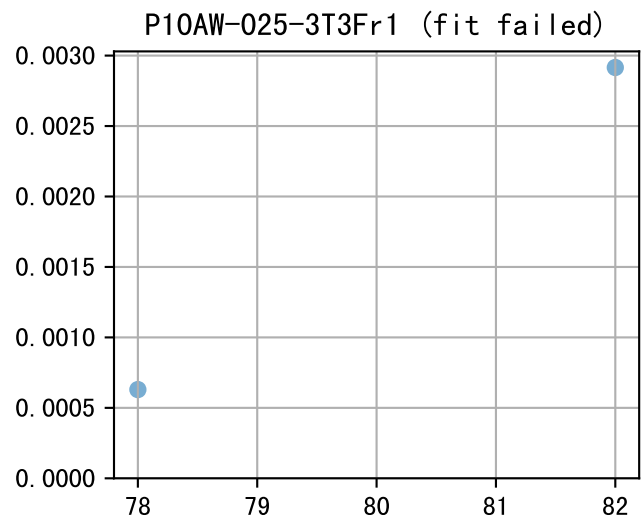


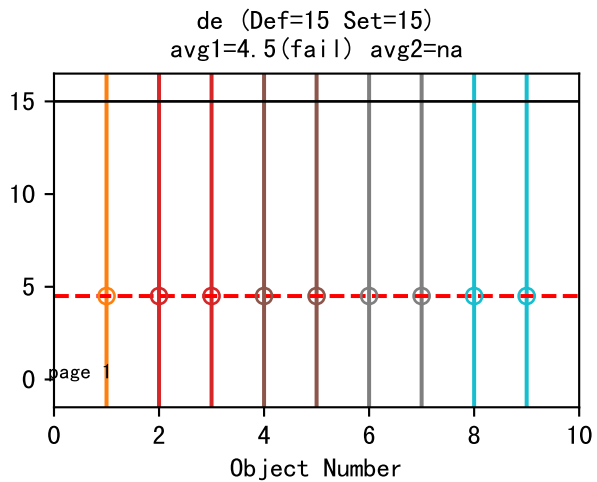
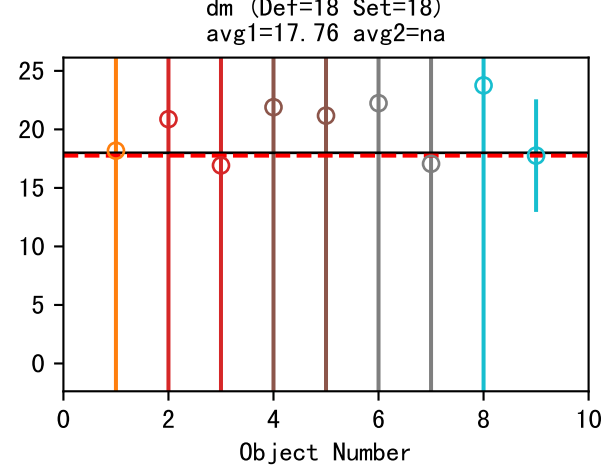
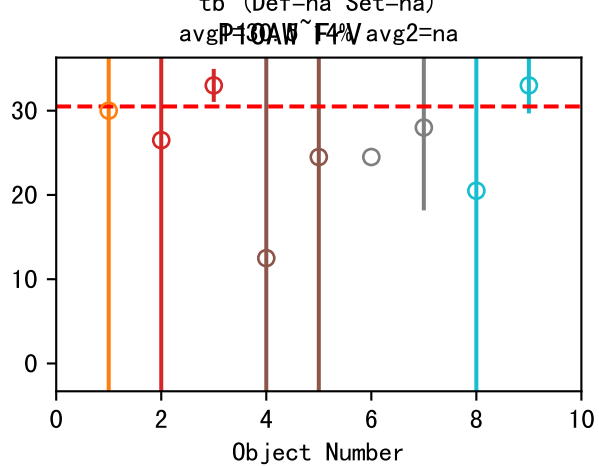
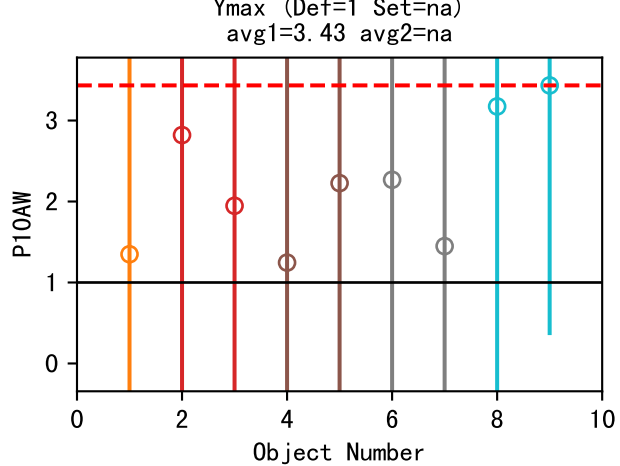
By Plant/Organ Age

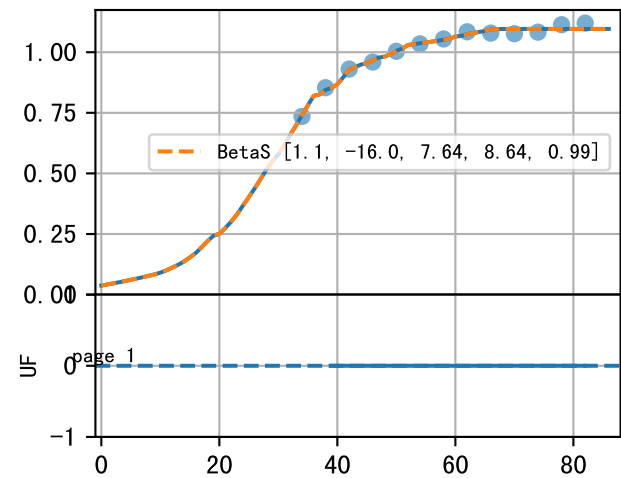
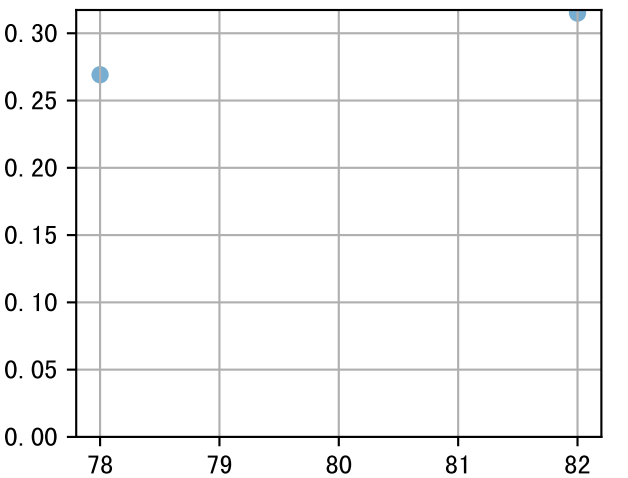
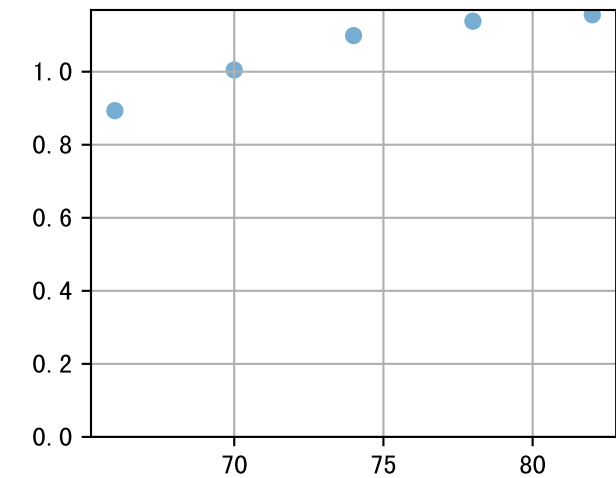
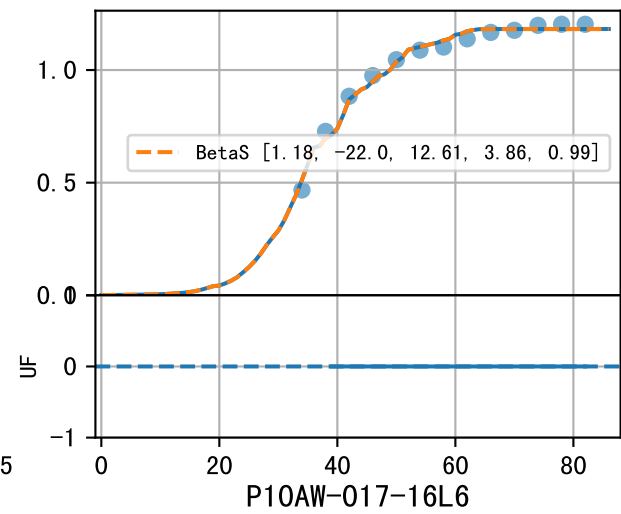
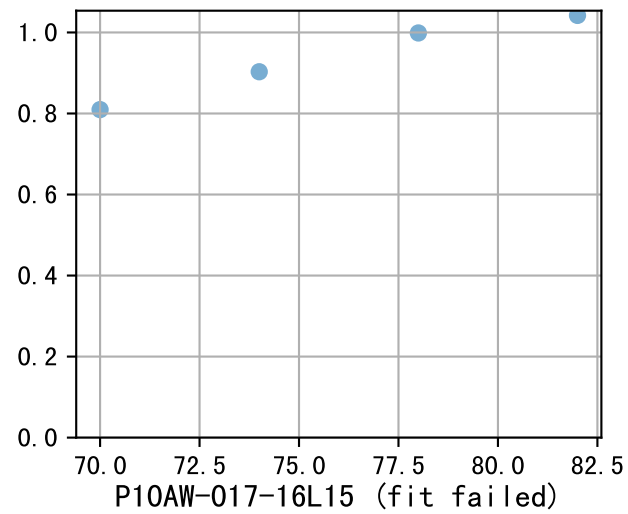
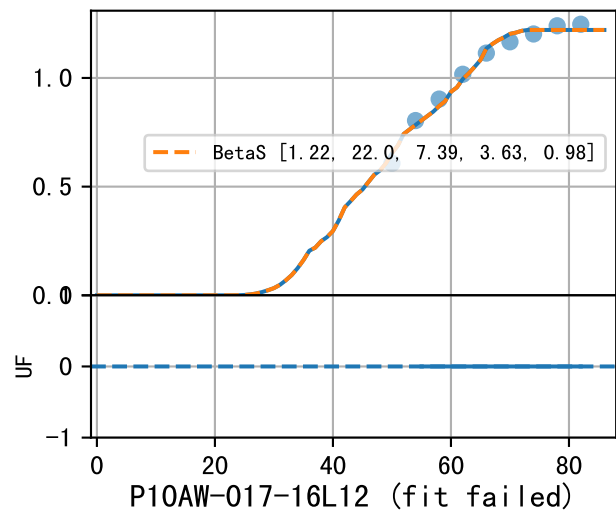
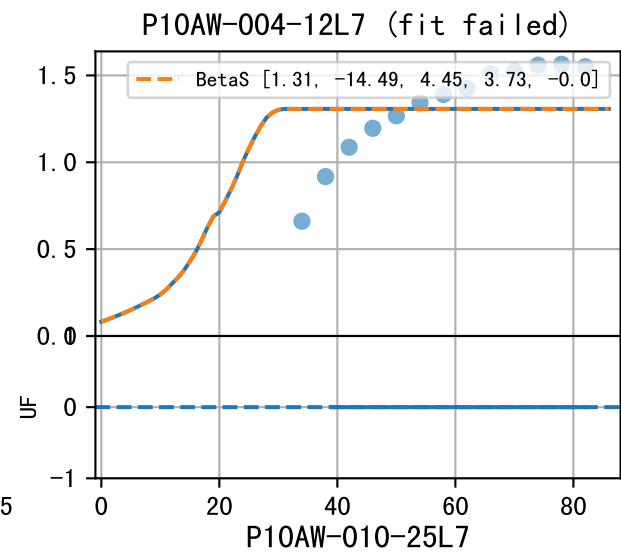
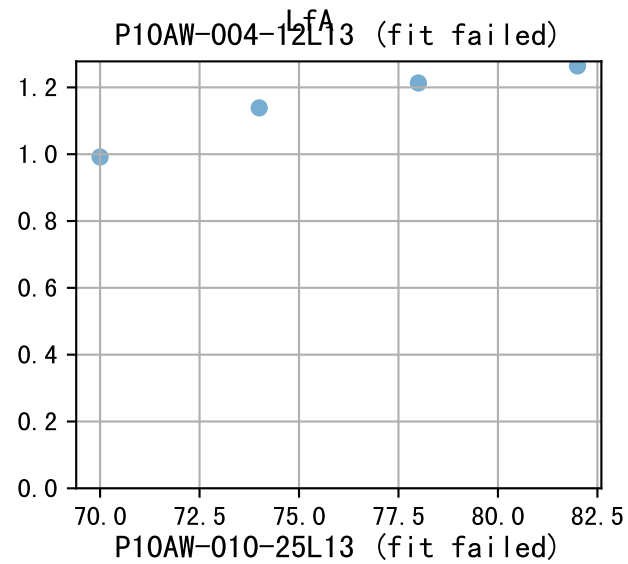
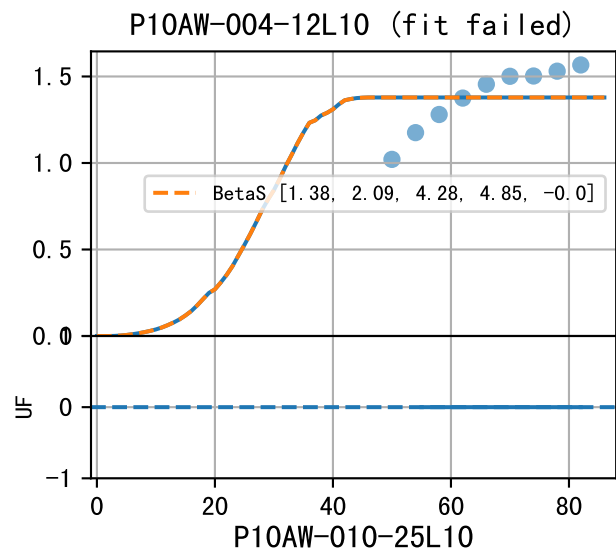




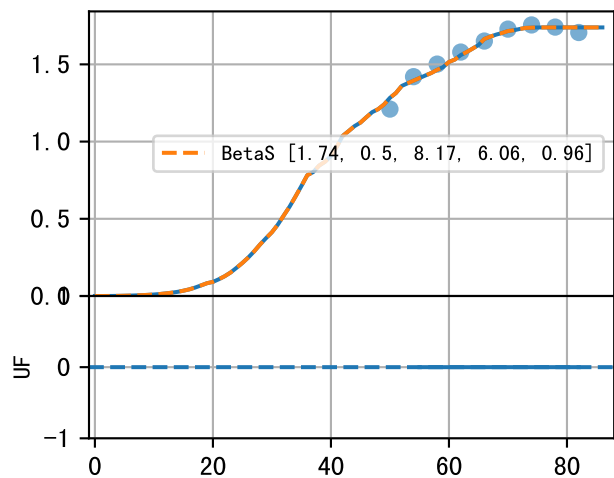




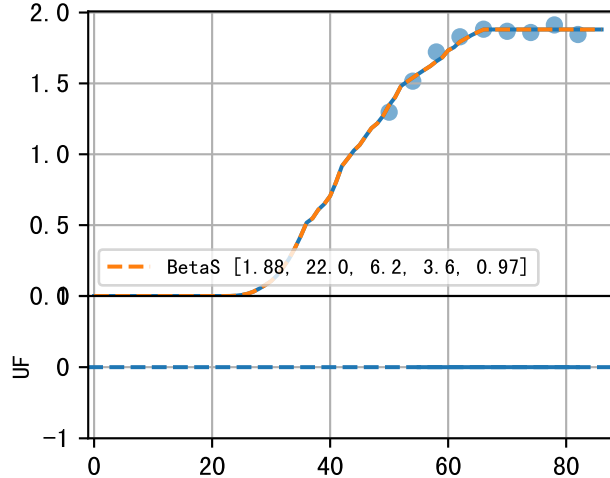




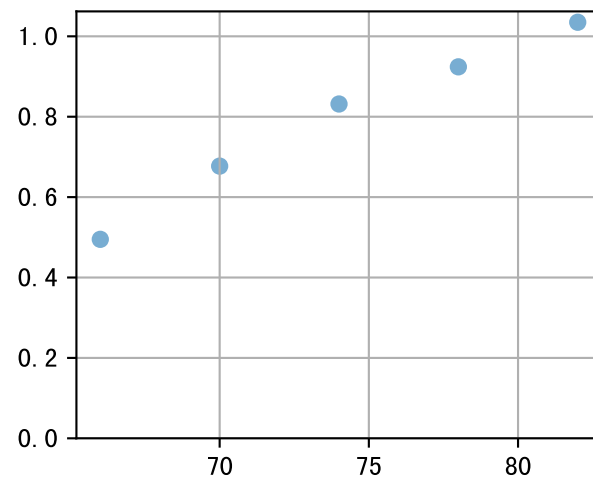
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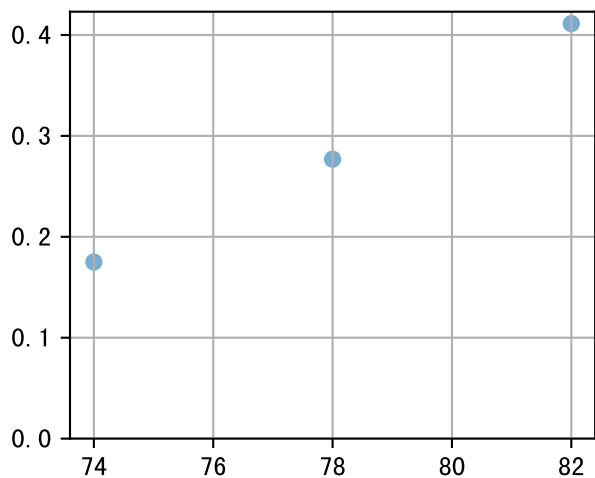
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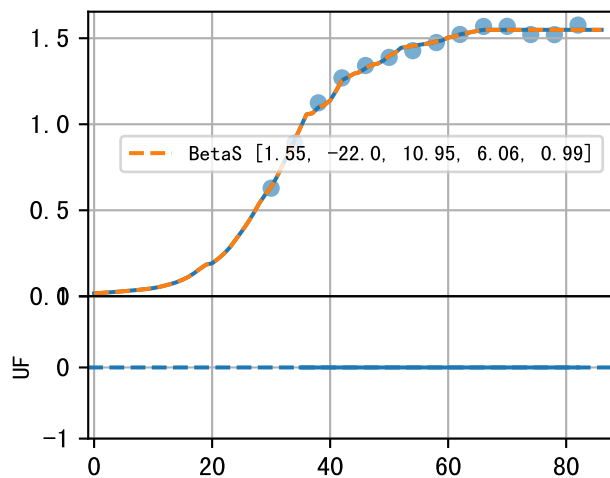
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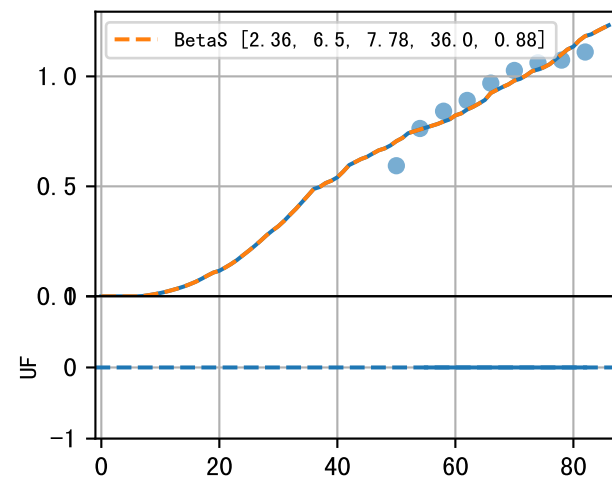
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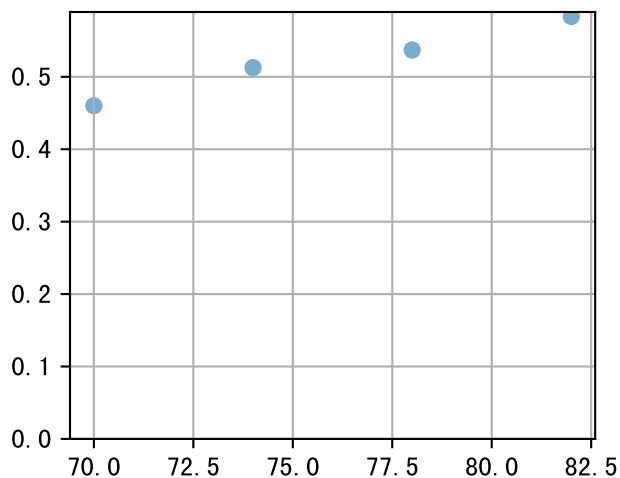
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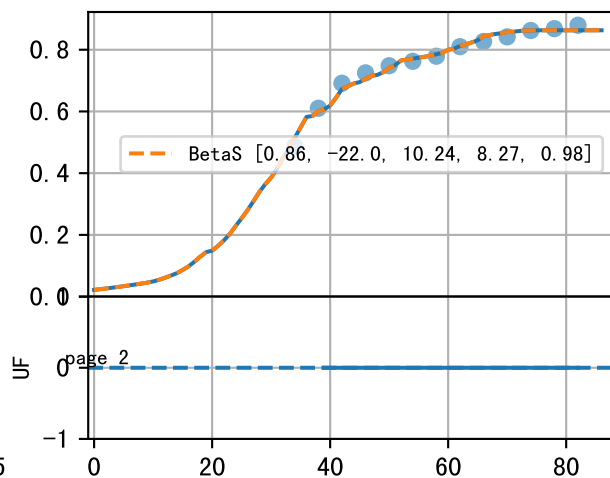
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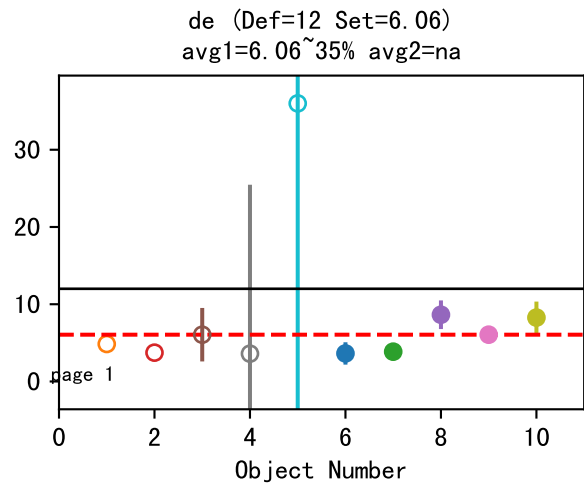
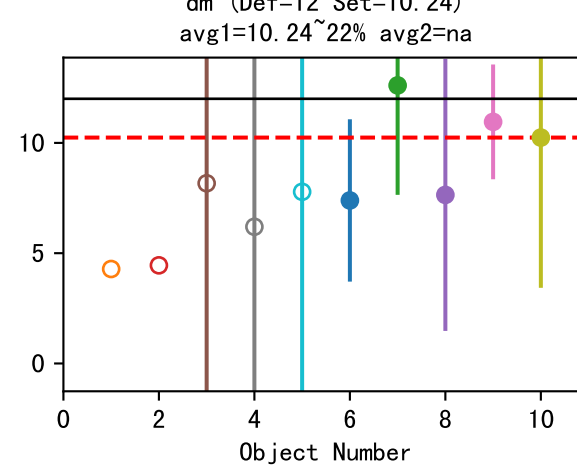
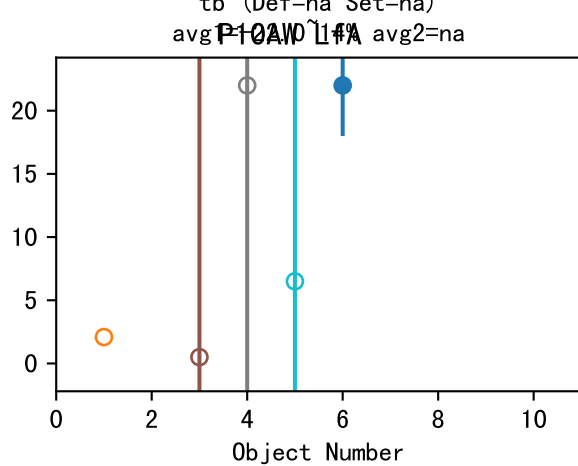
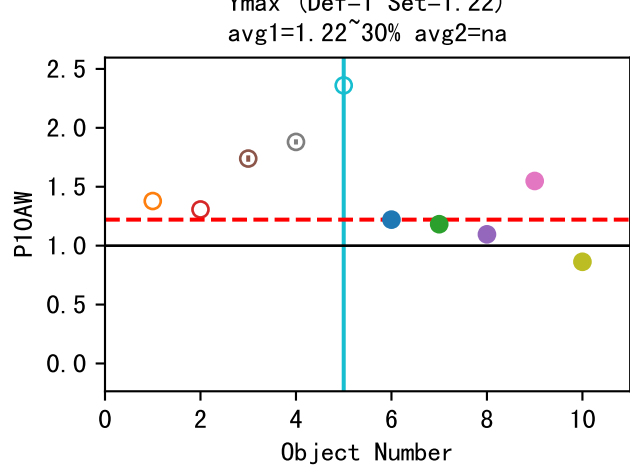


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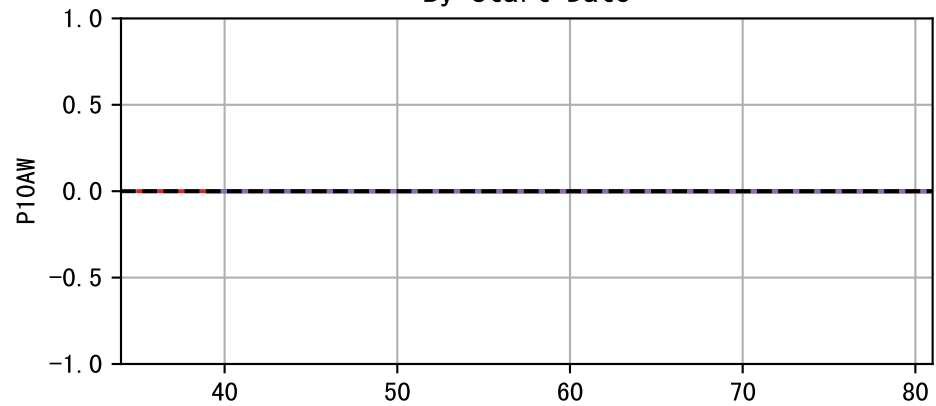


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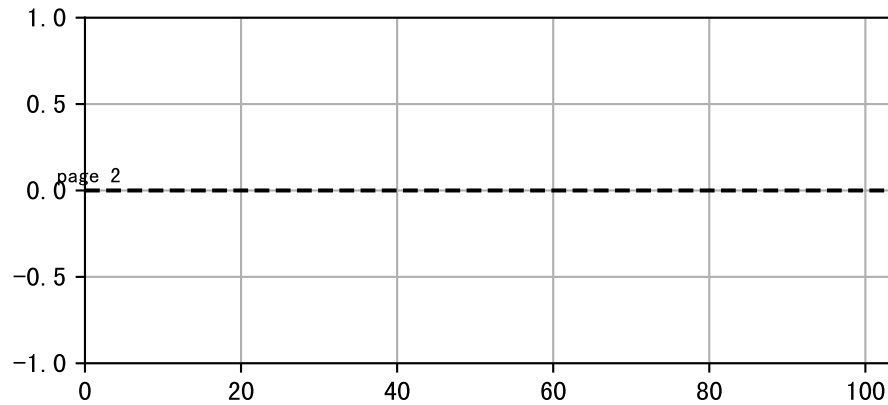
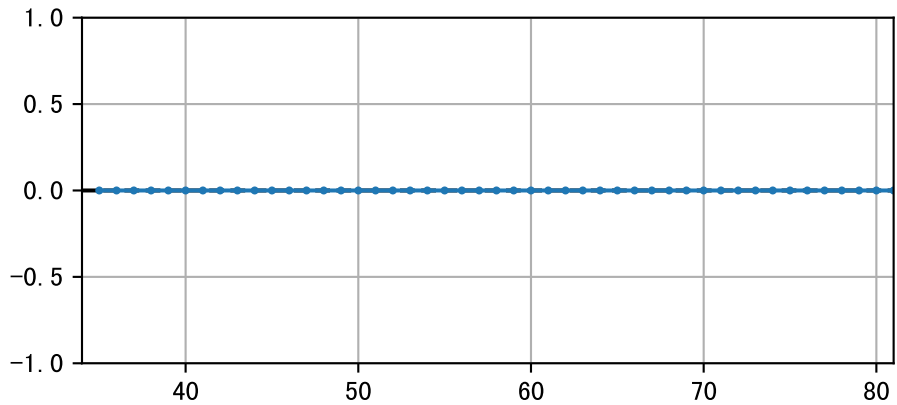
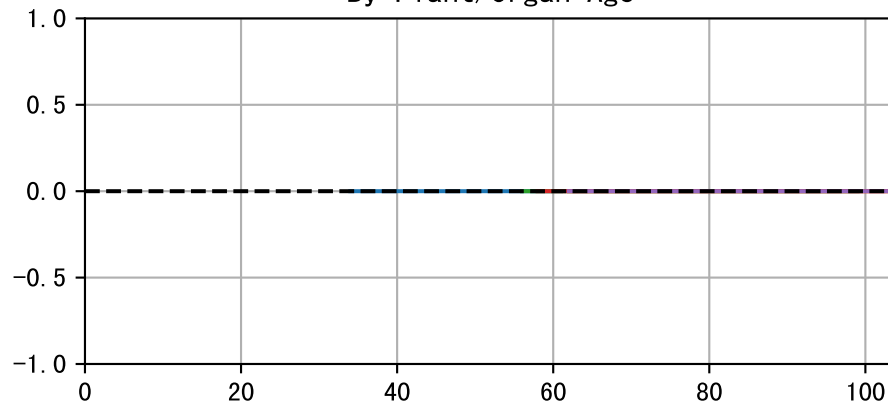


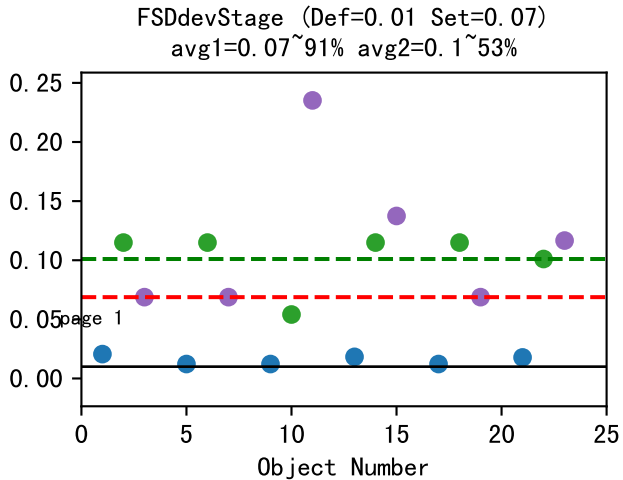
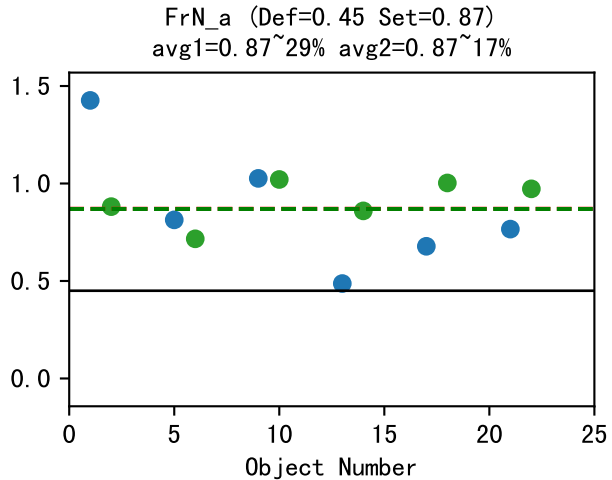
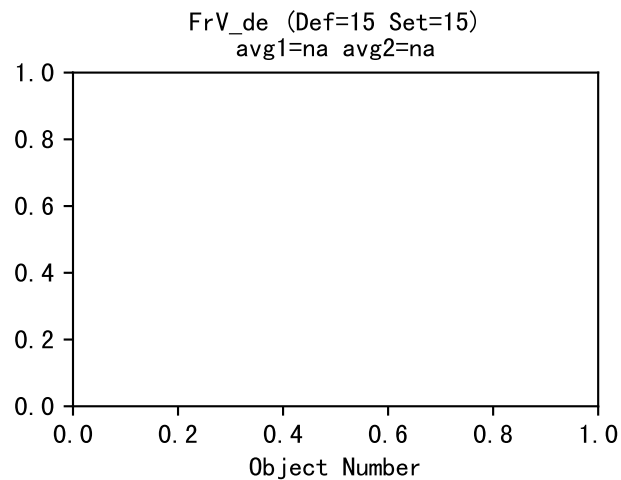
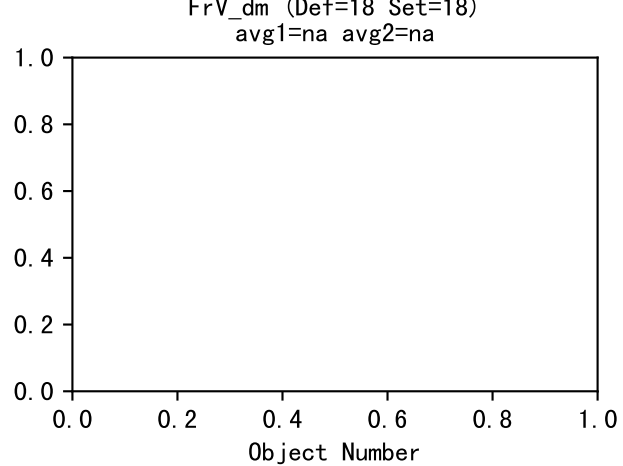
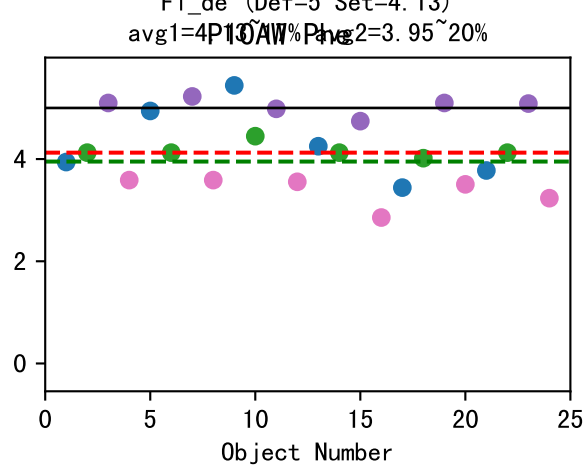
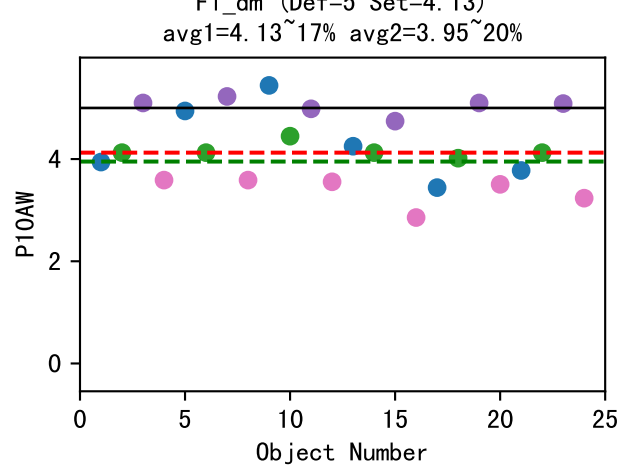


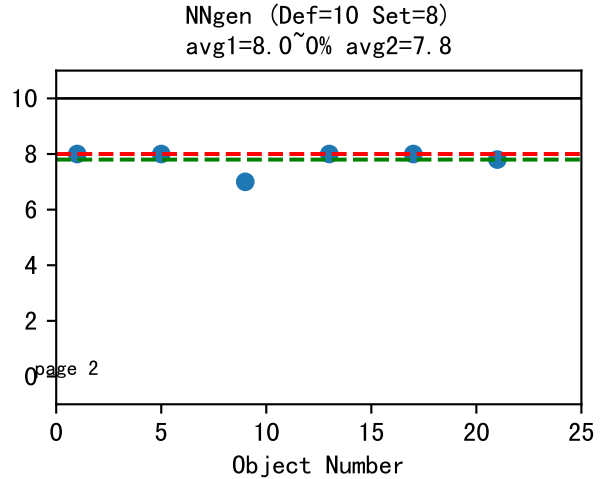
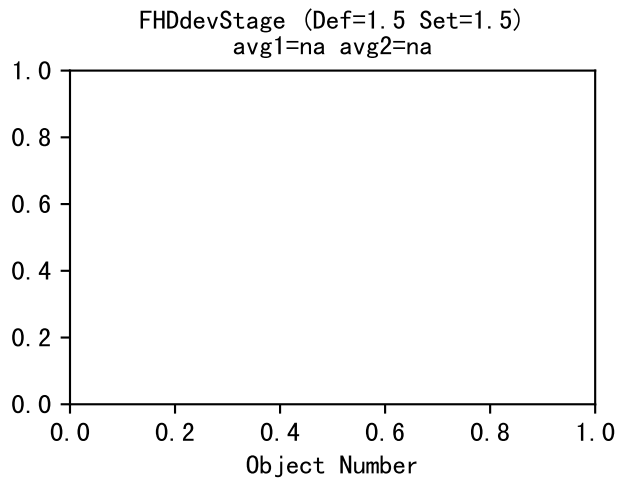
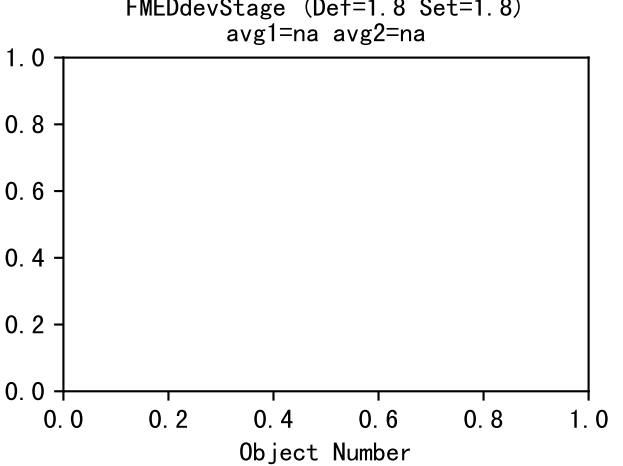
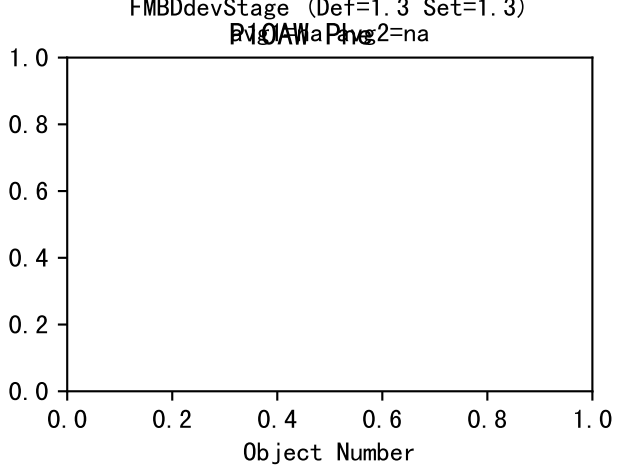
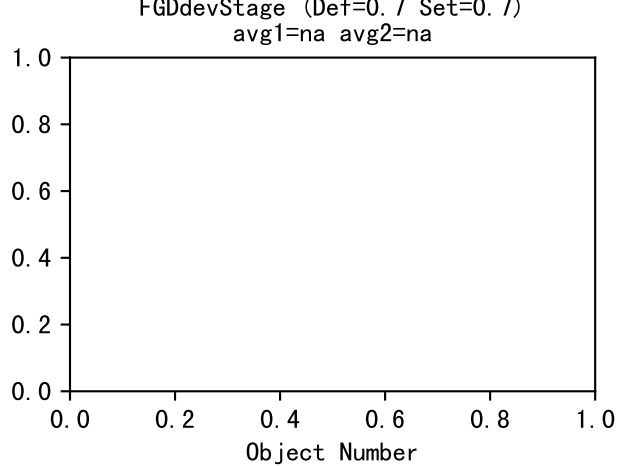
By Start Date



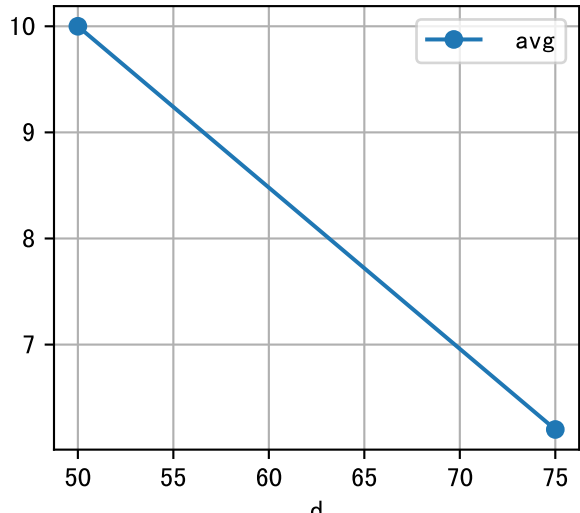
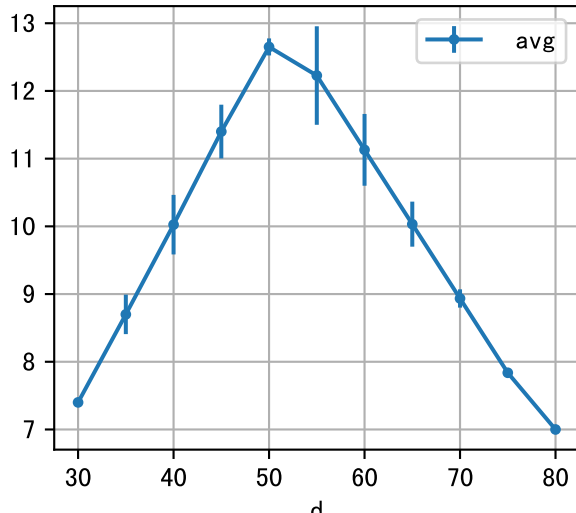
By Plant/Organ Age



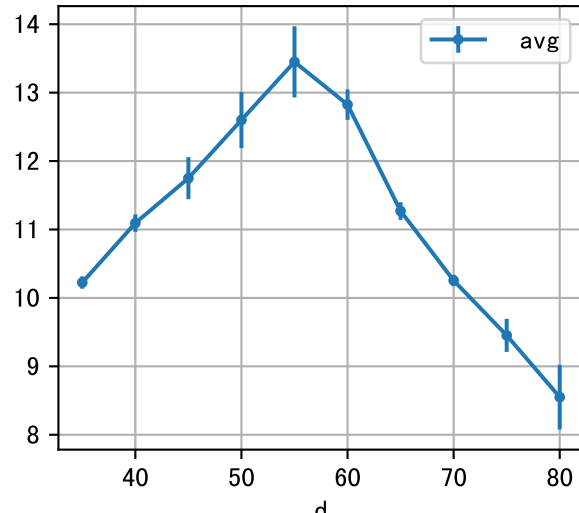




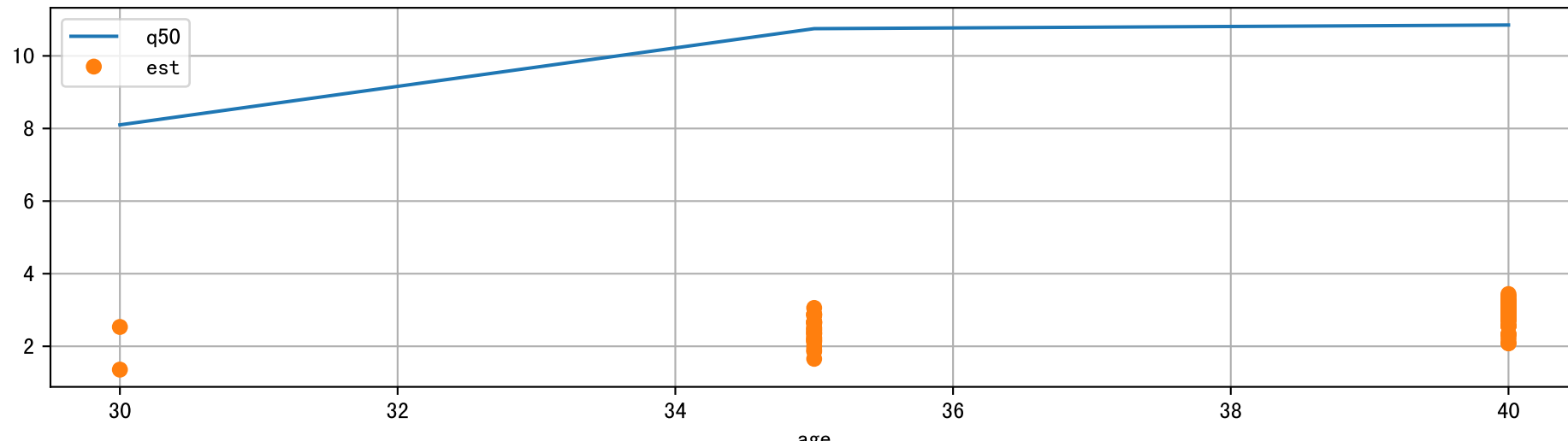
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NdD: avg vs.  $d$  at each age group  
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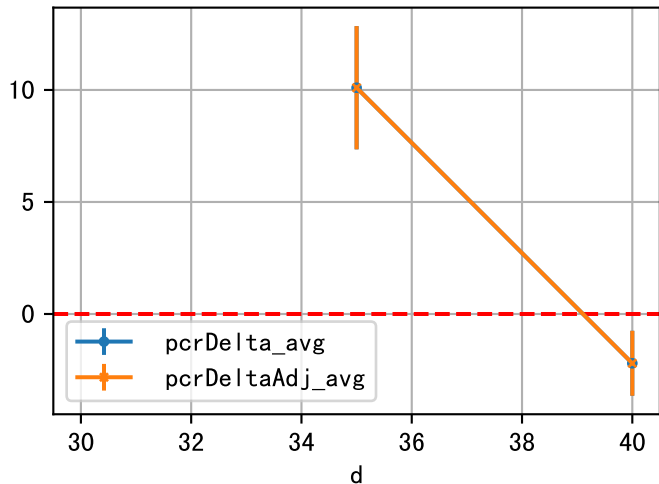
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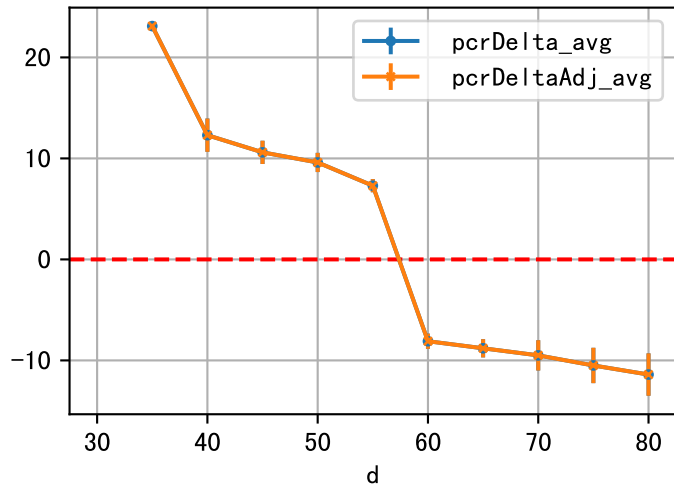
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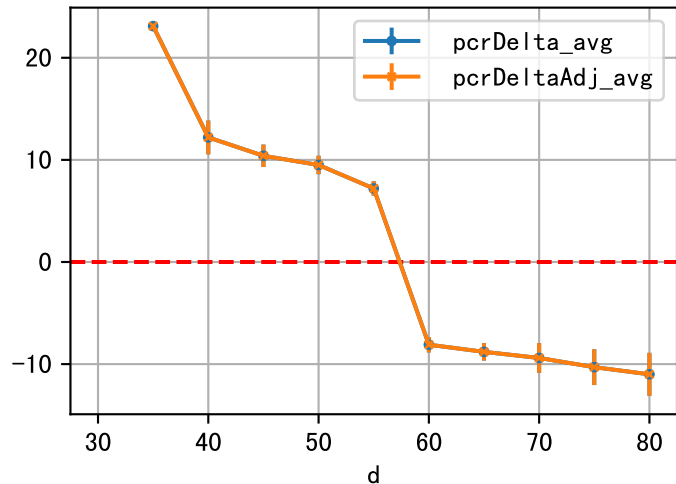


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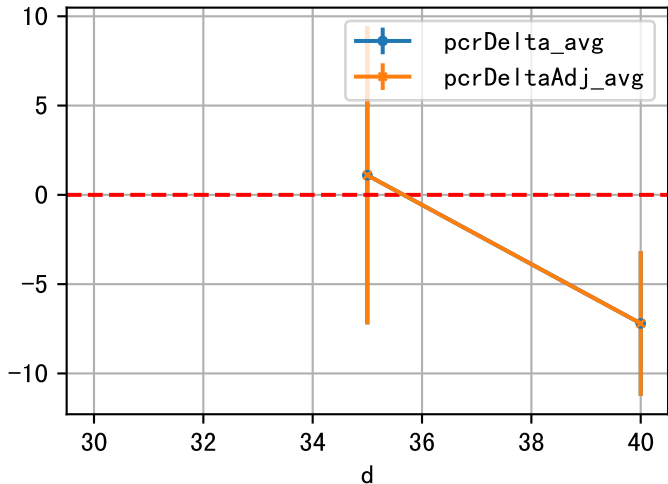


page 3

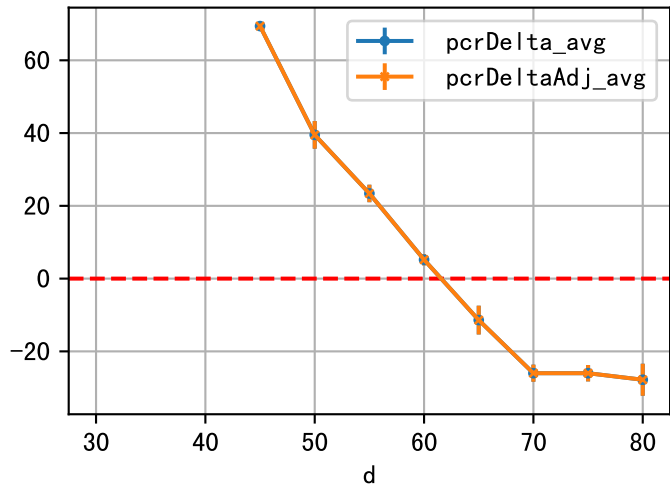
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

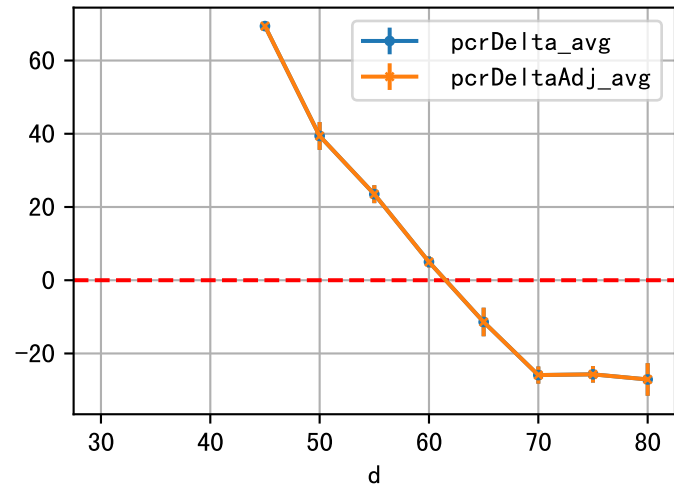


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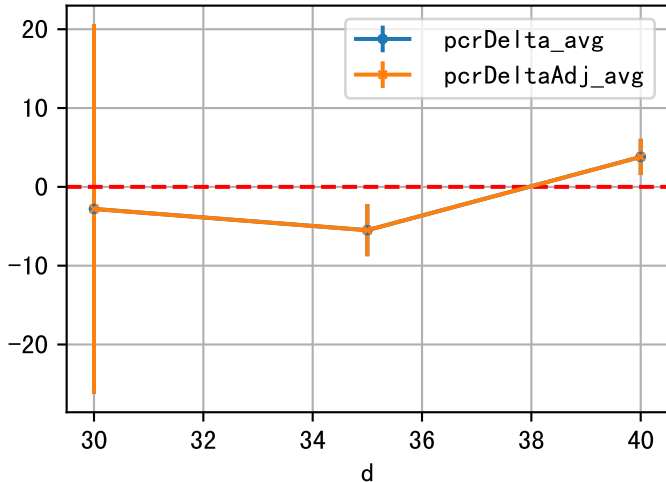


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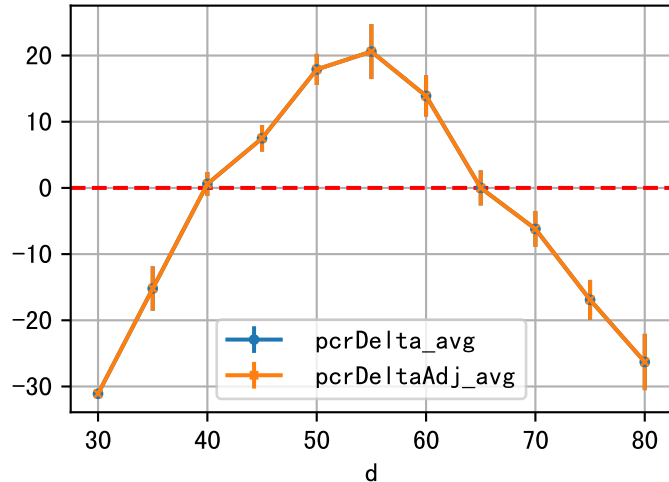
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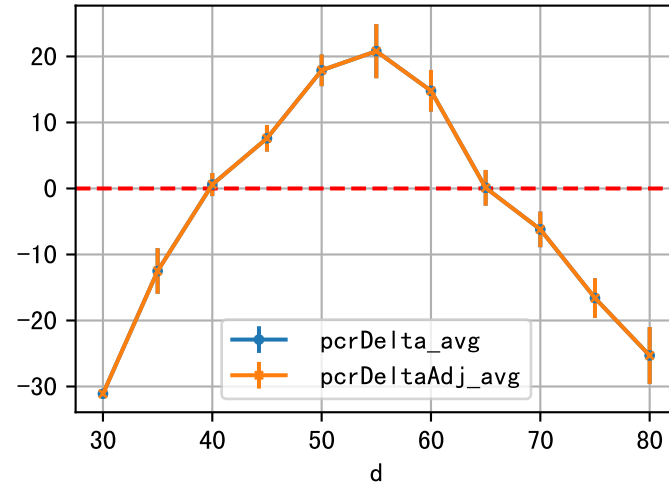


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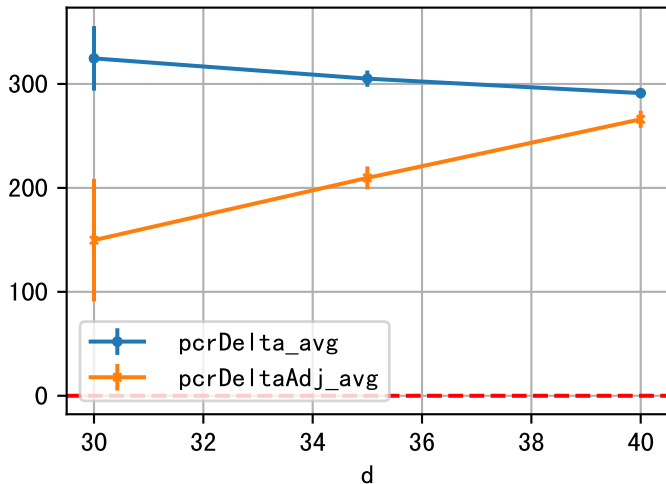


page 5

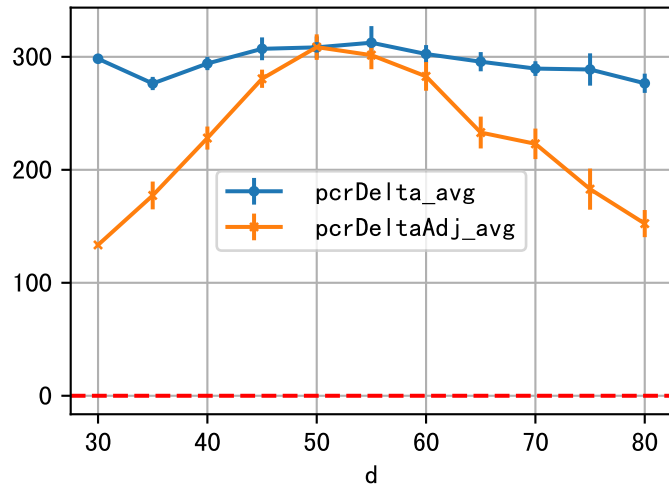
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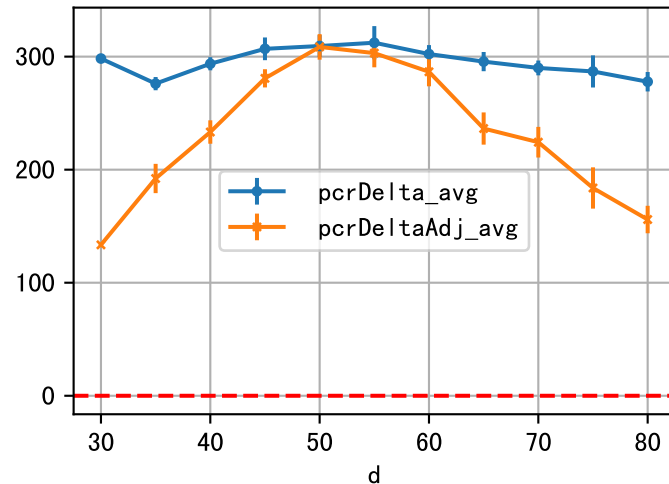
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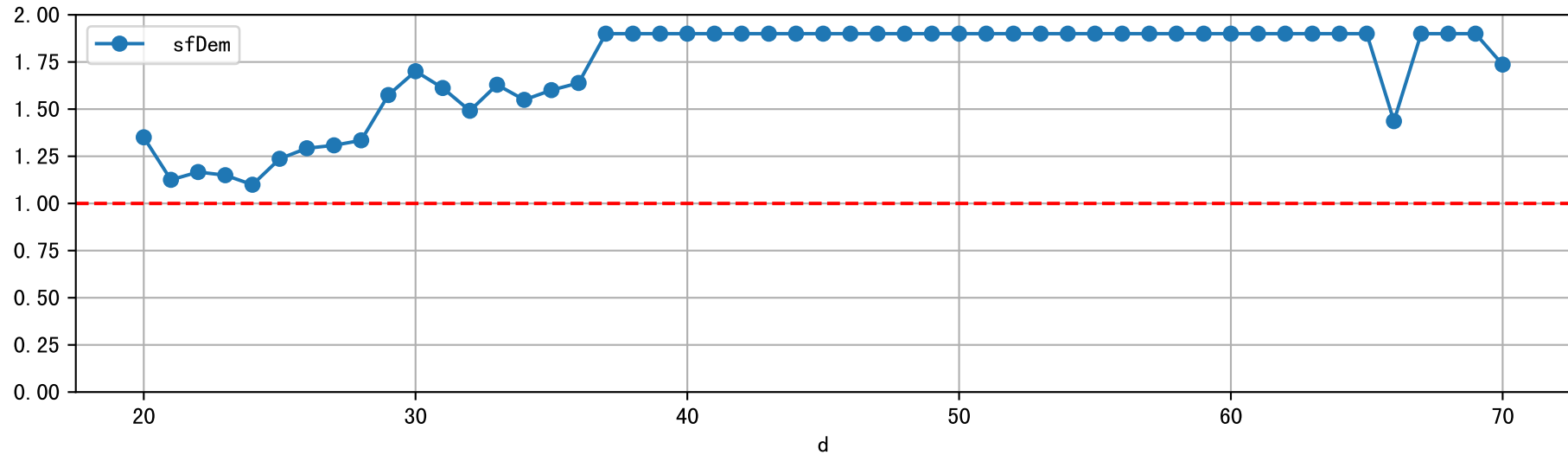
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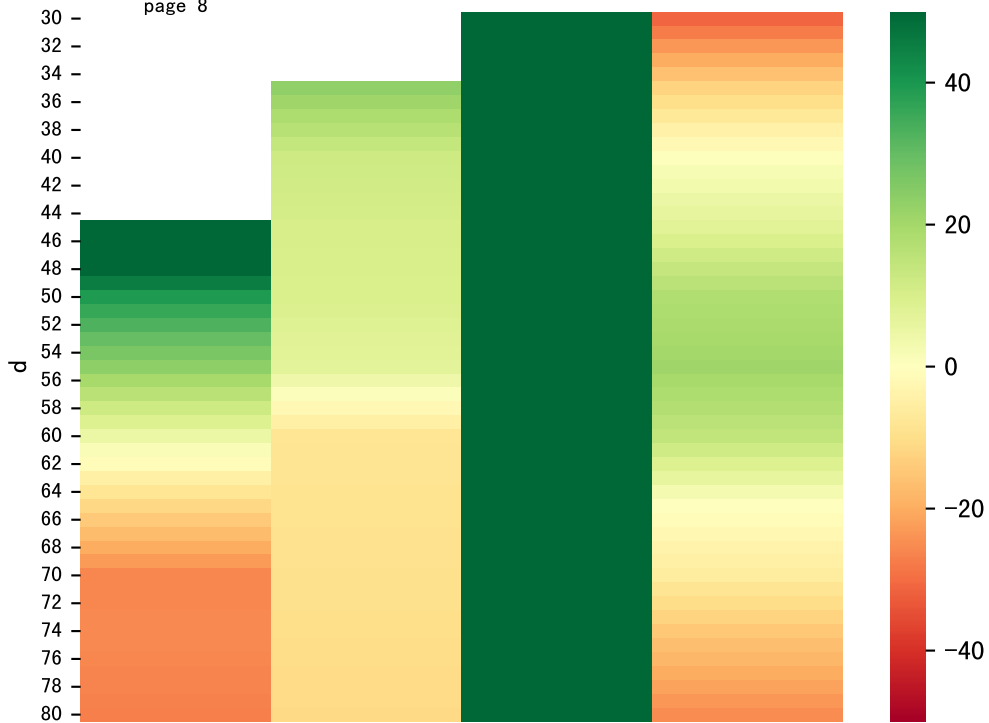


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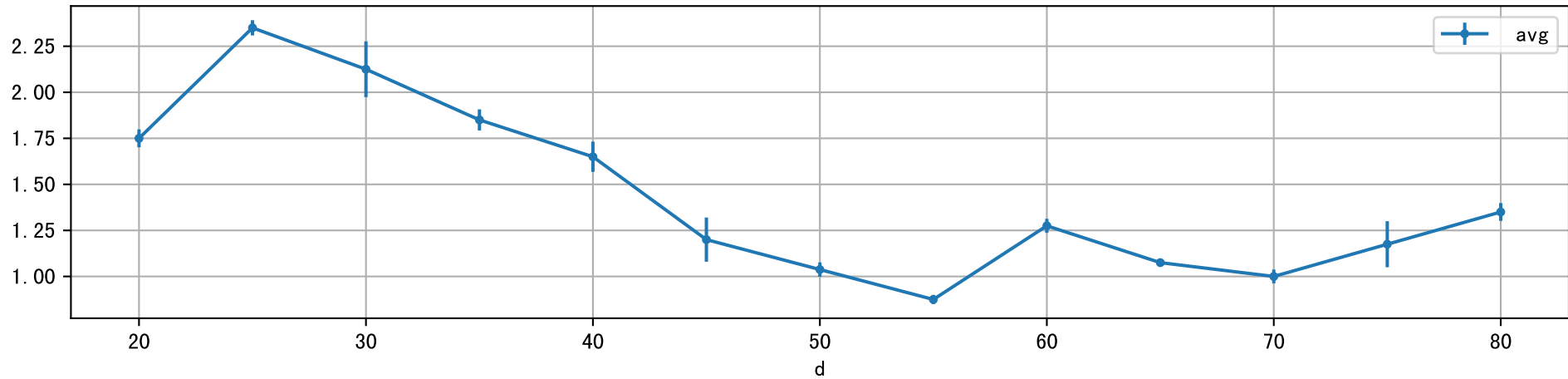


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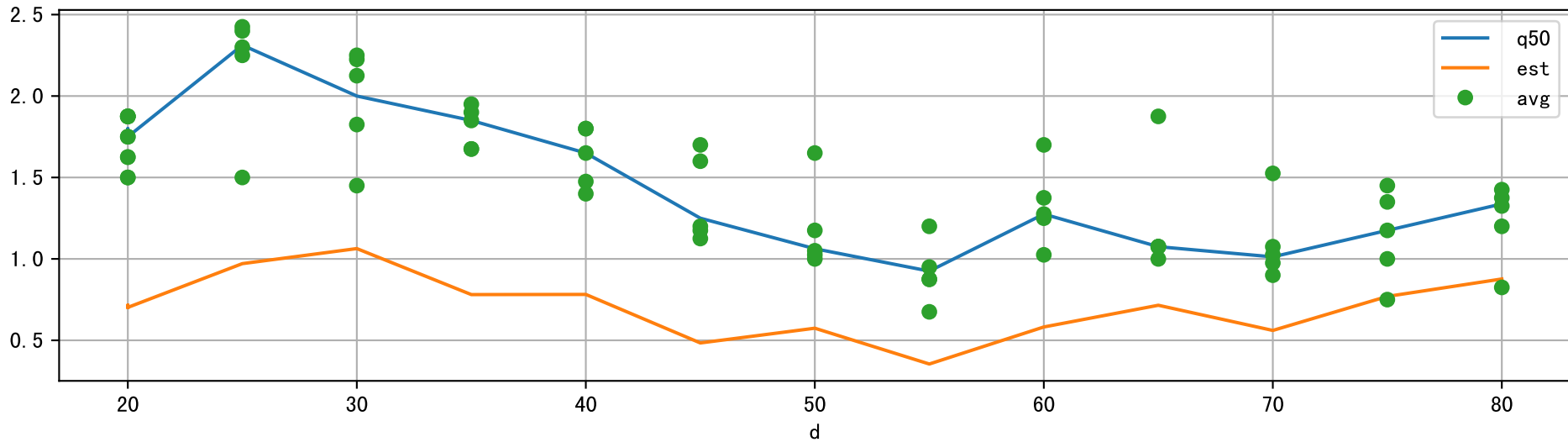




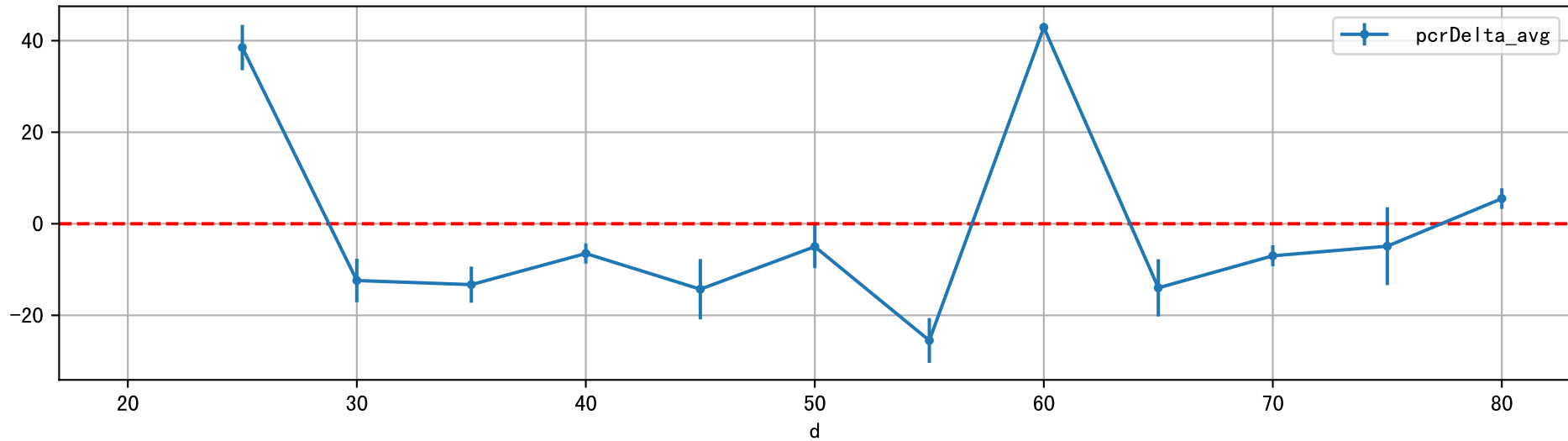
dStH: avg vs. d



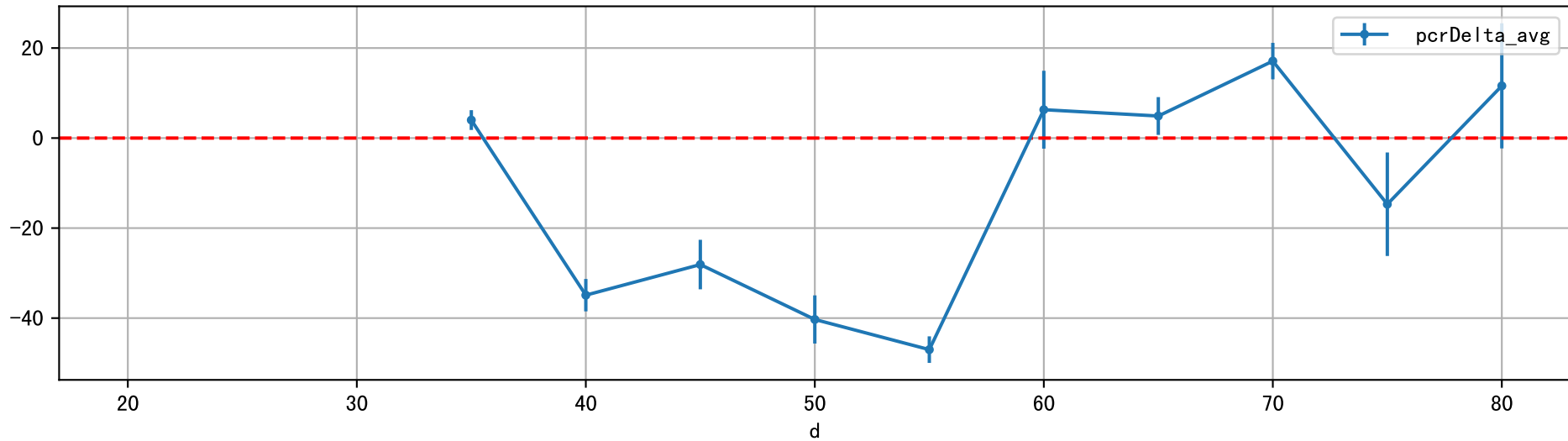
dStH: obsAvg vs obs0v@Q50



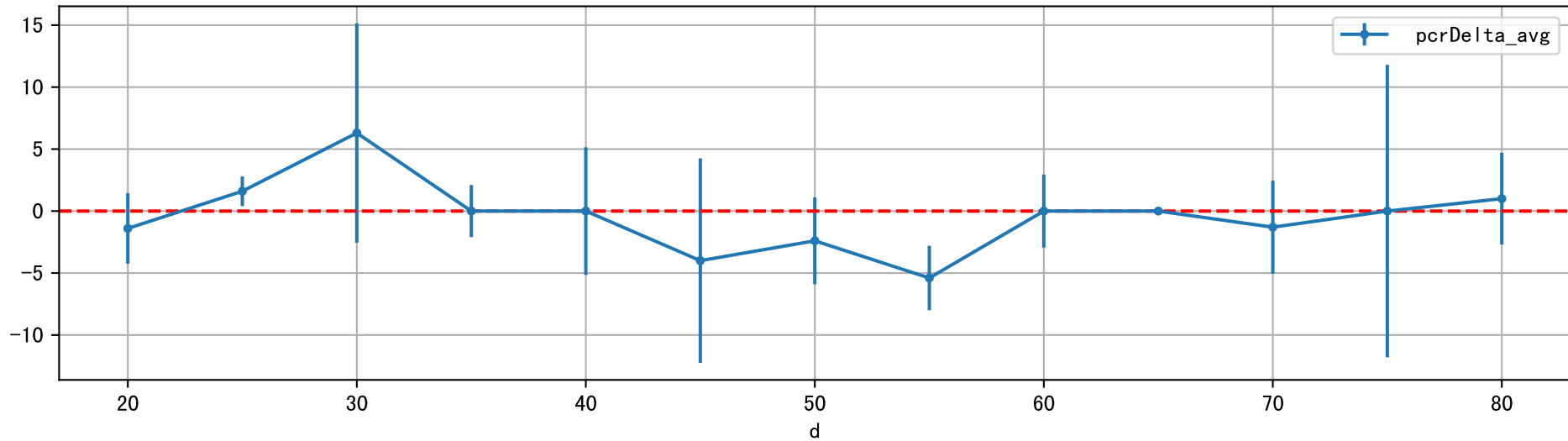
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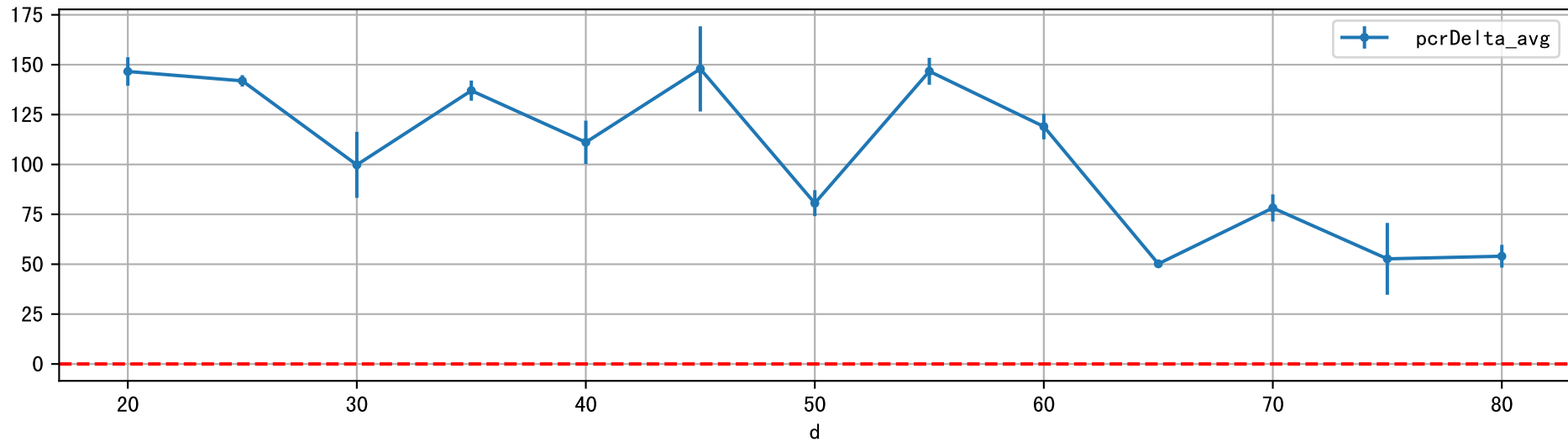
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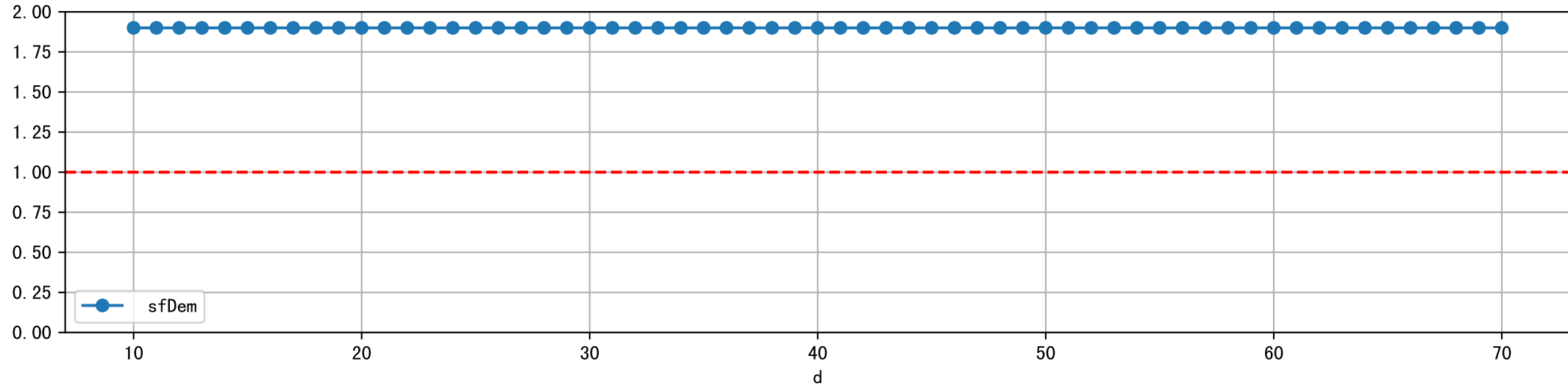
dStH: D\_Q50\_StH

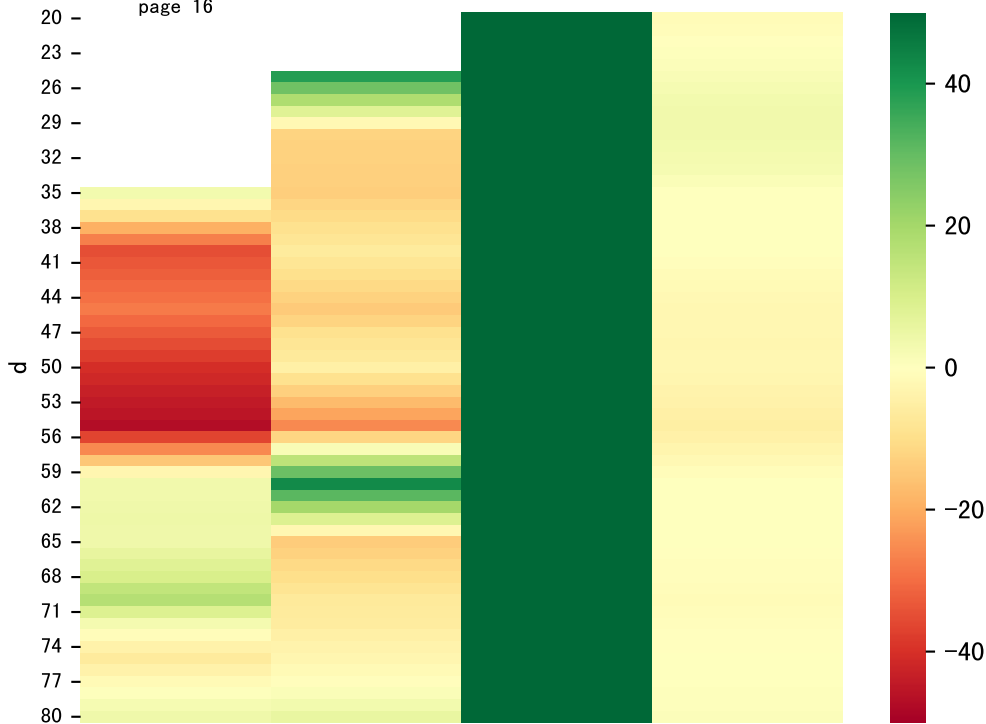


dStH: D\_Est\_StH



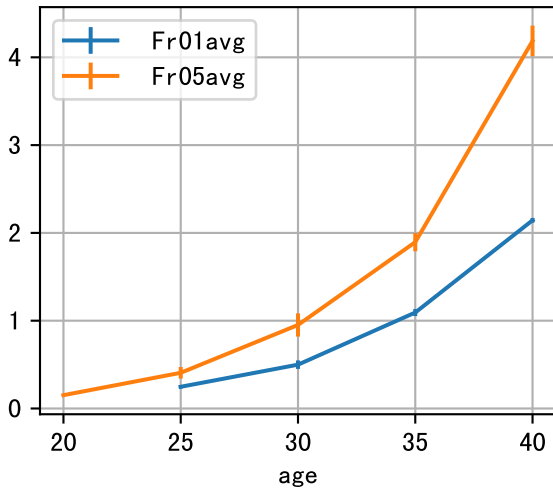
dStH: sfDem



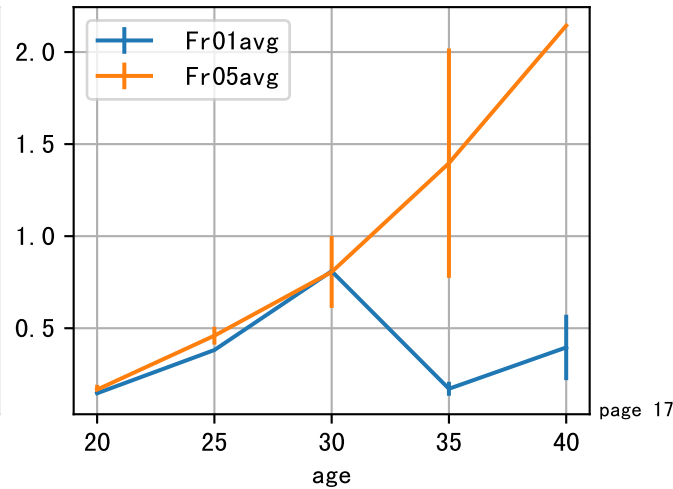


## FrV: Fr01 vs Fr05 at each truss

organID=T01

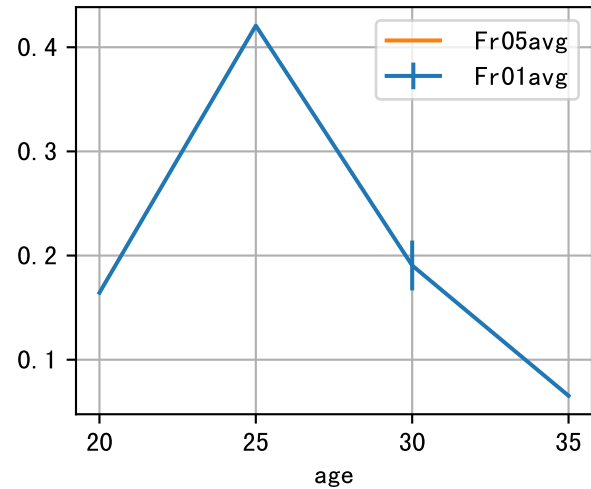


organID=T02



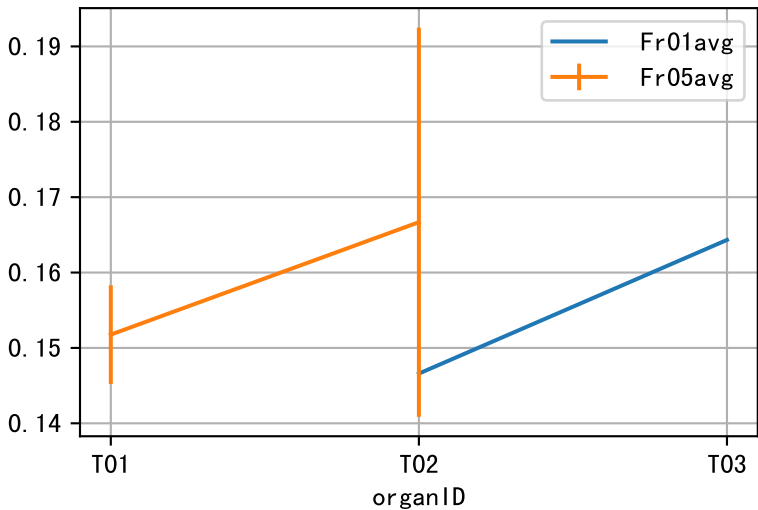
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organID=T03

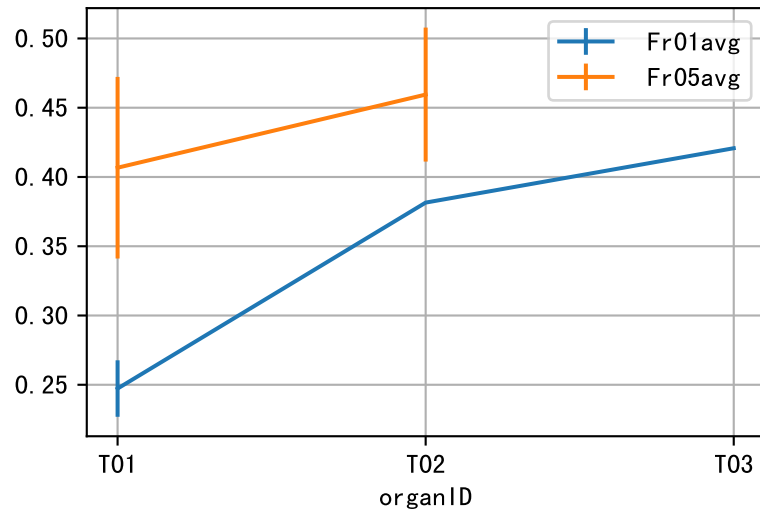


FrV trend at each age

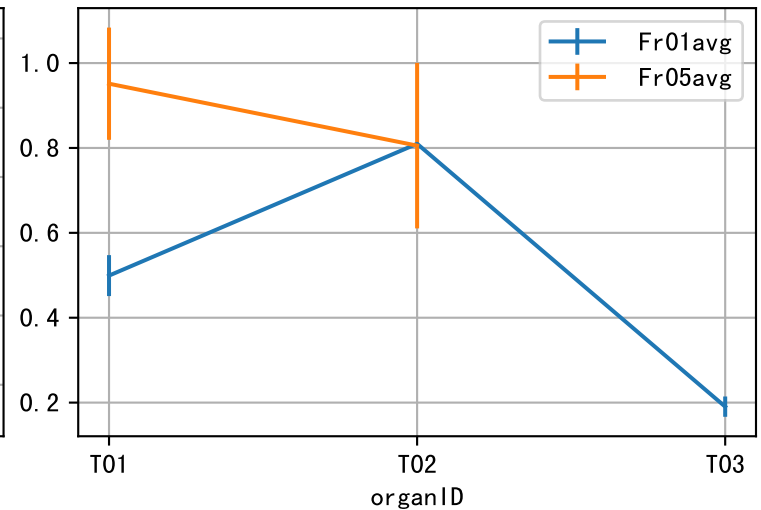
age=20



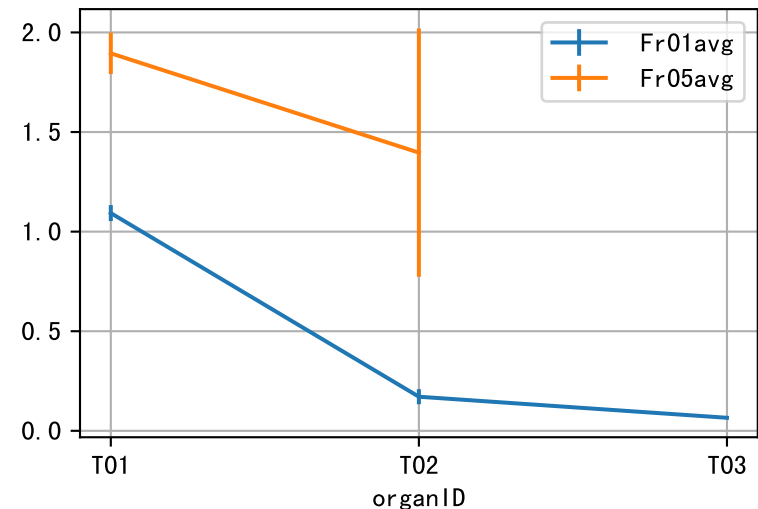
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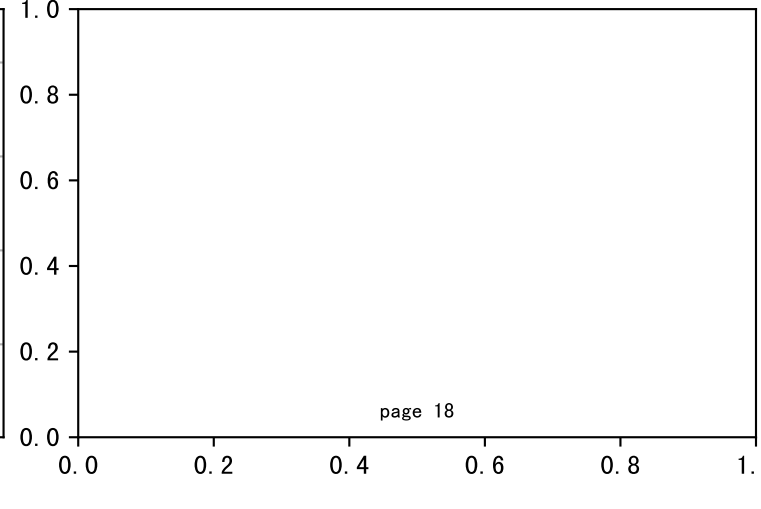
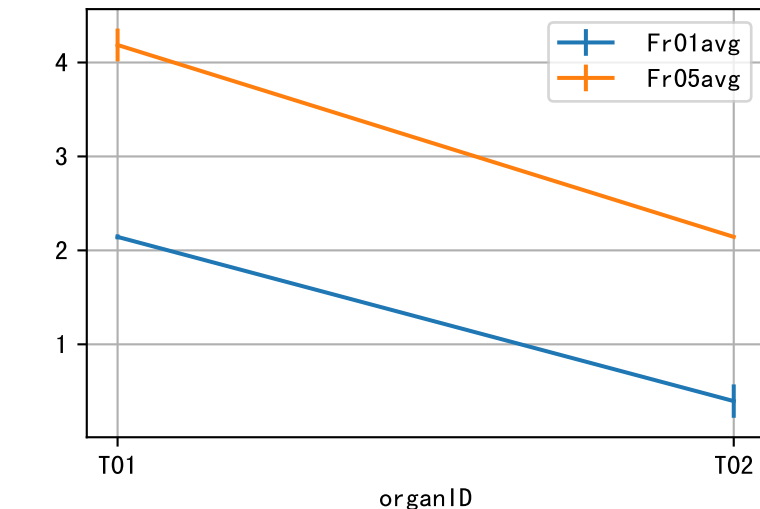
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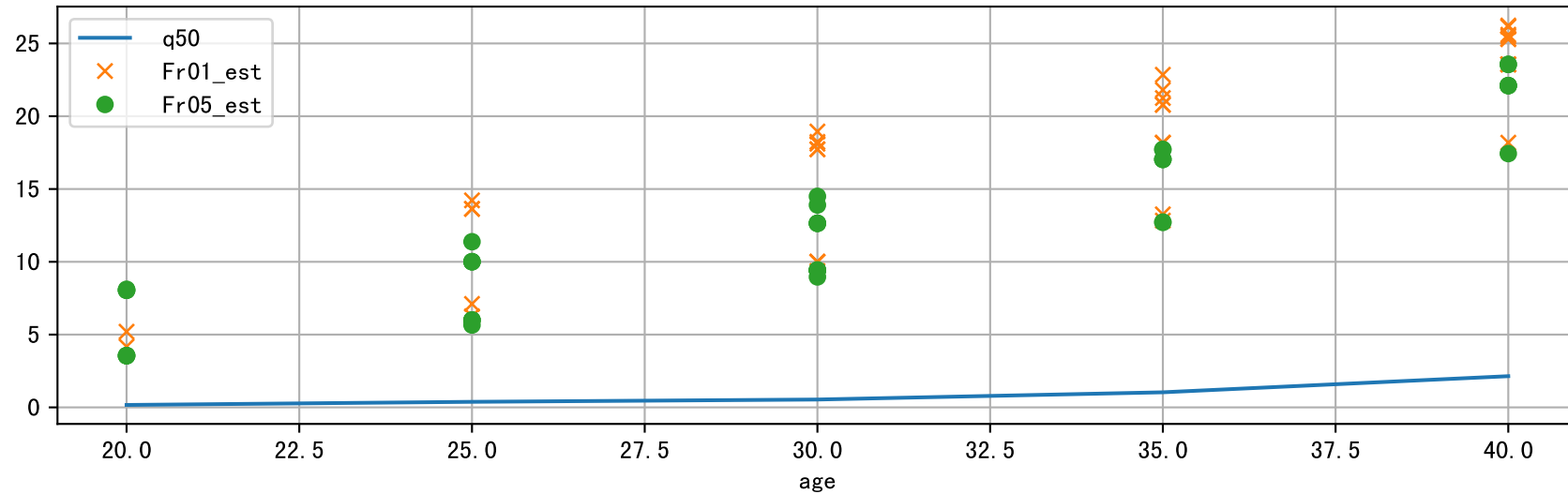
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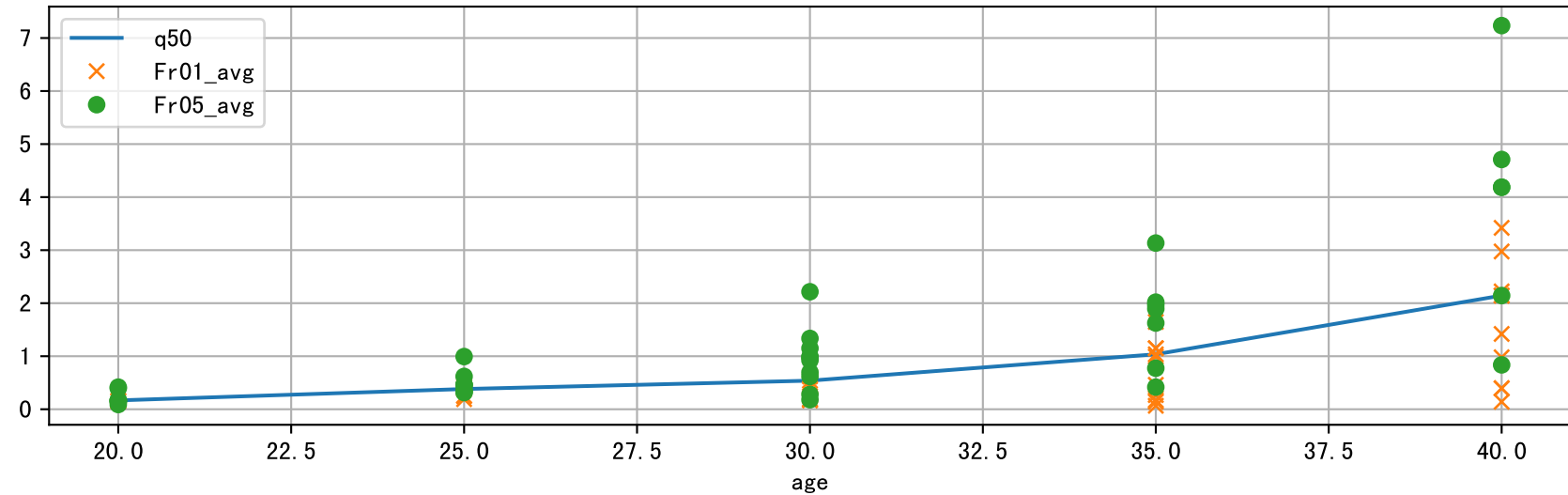
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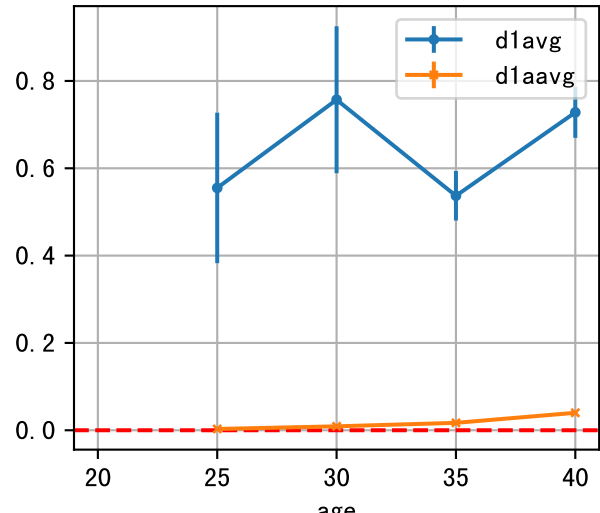
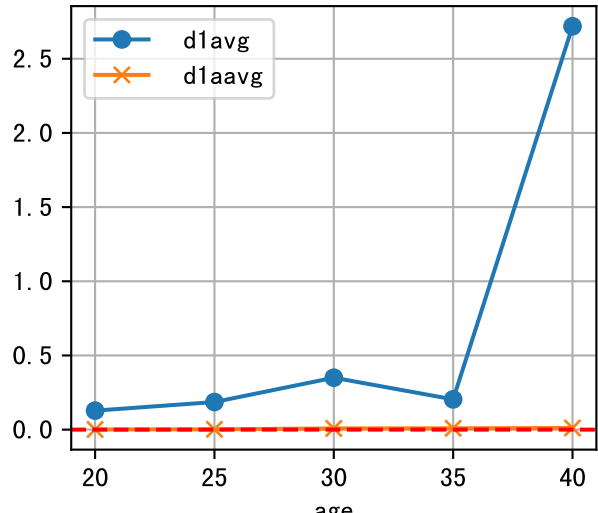
FrV: model Est vs obsFrV at Q90



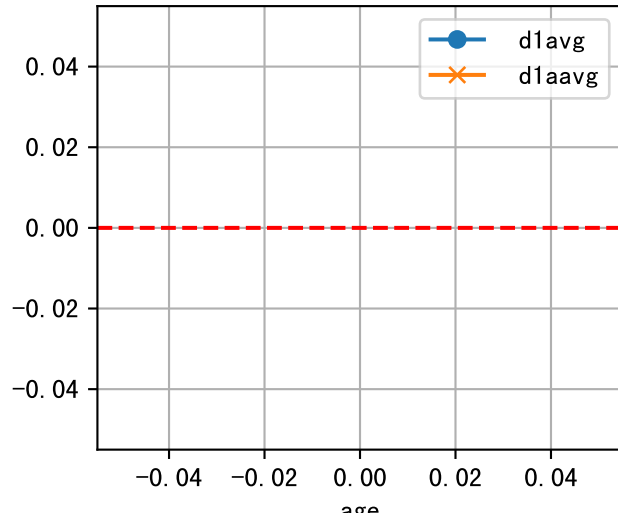
FrV: obsFrV vs obsFrV@Q90



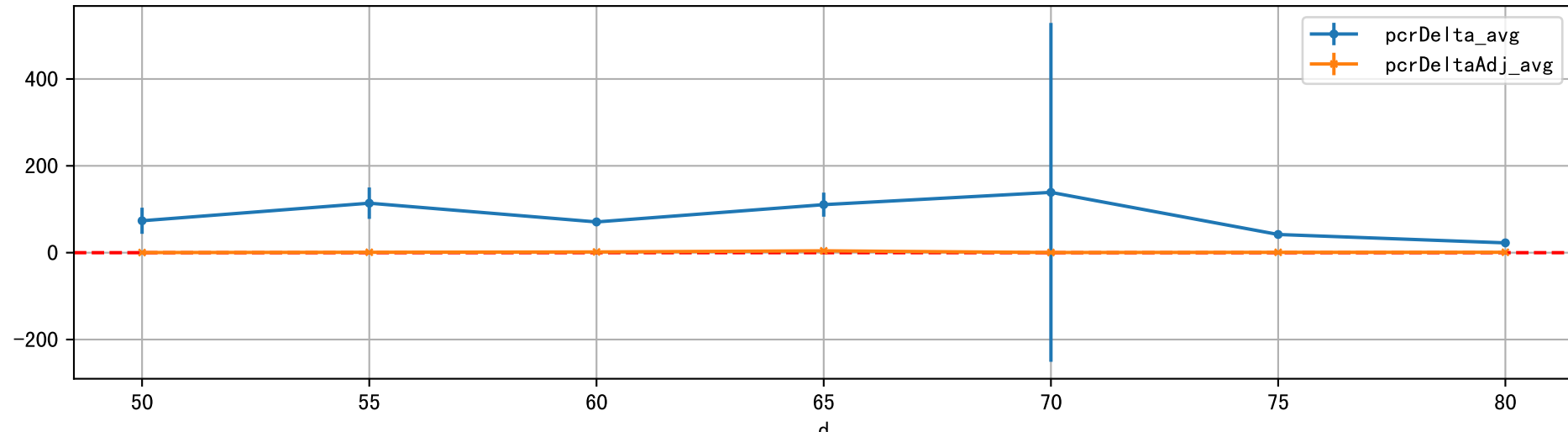
organID=1

FrV: D\_Fr1\_FrV  
organID=2

organID=3

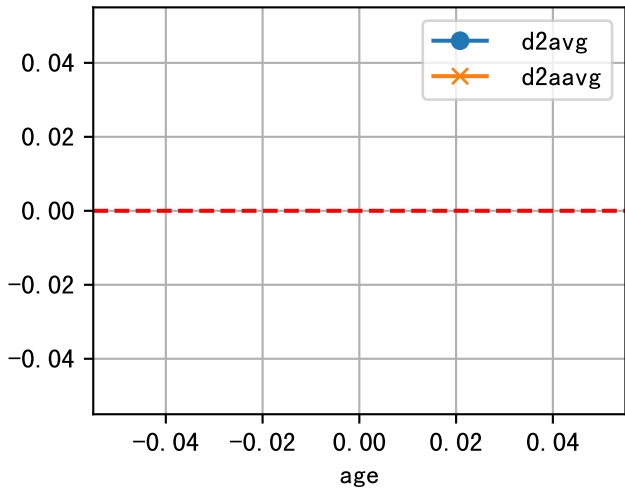


P10AW FrV: D\_Fr1\_FrV

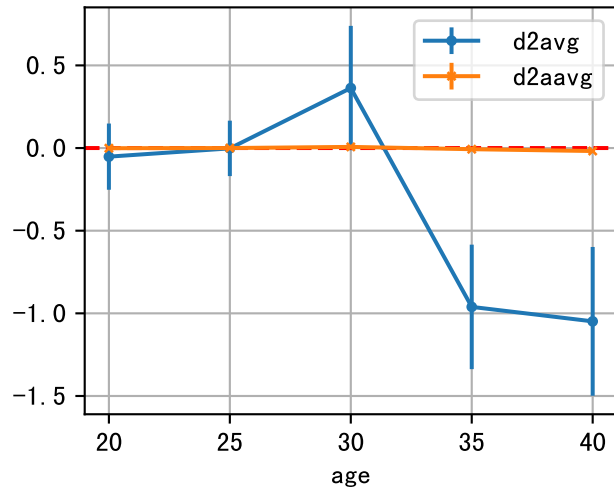


## FrV: D\_Ts\_FrV

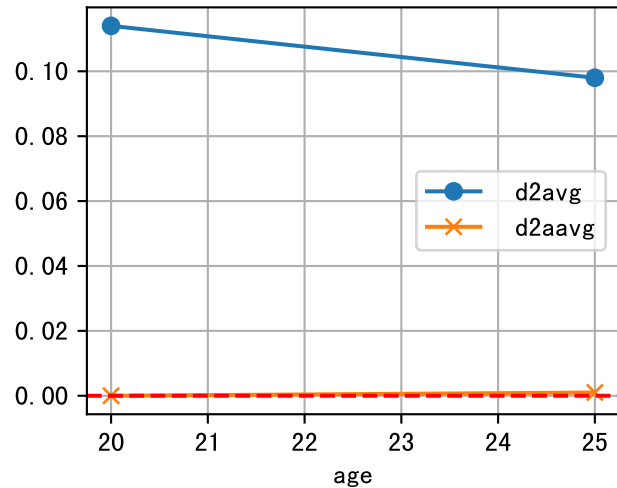
organID=1



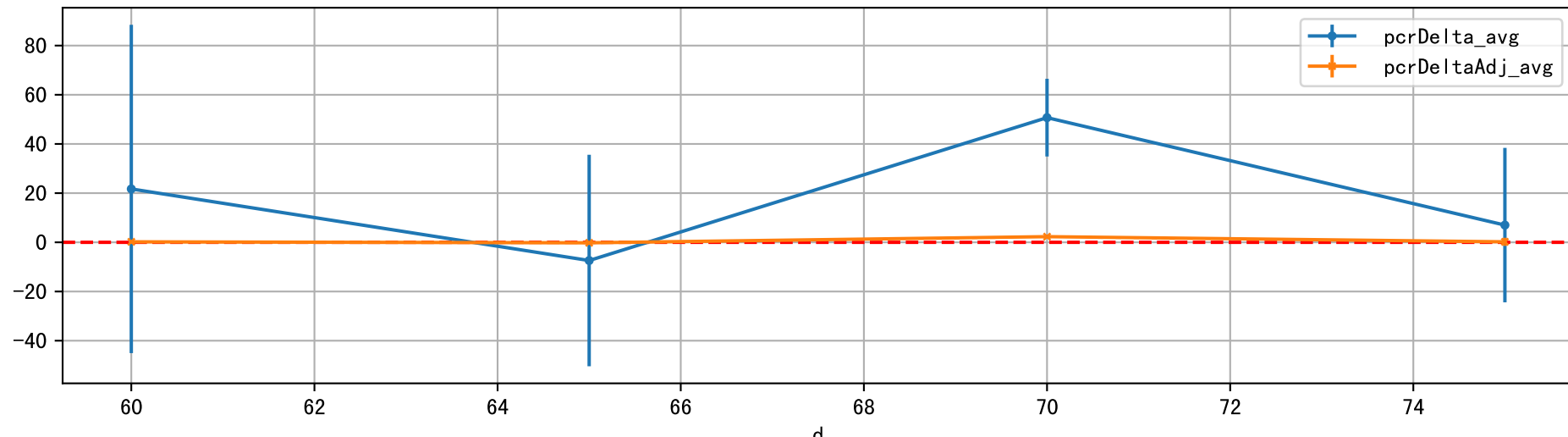
organID=2



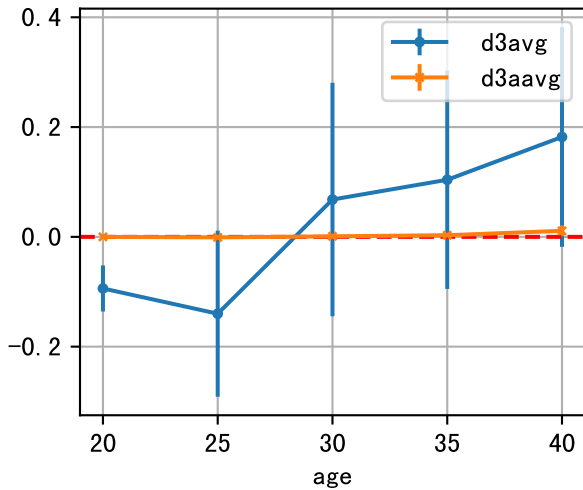
organID=3



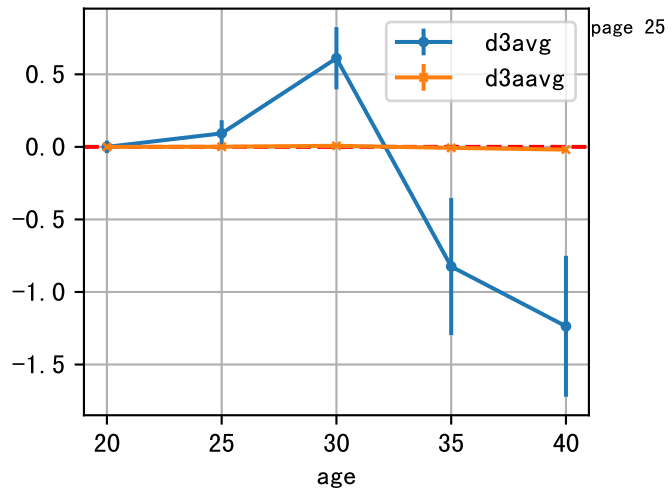
P10AW FrV: D\_Ts\_FrV



organID=1

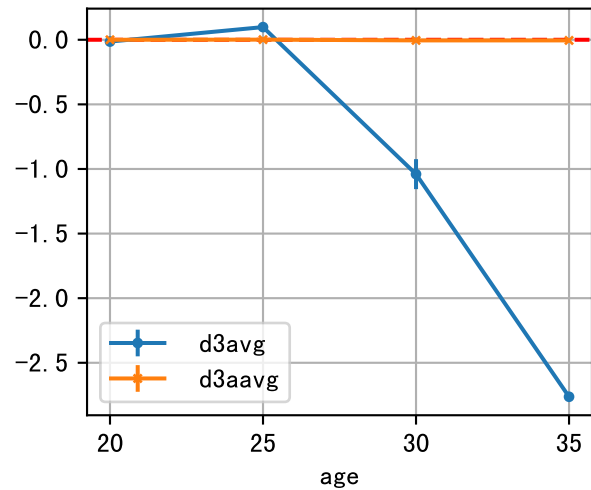


organID=2

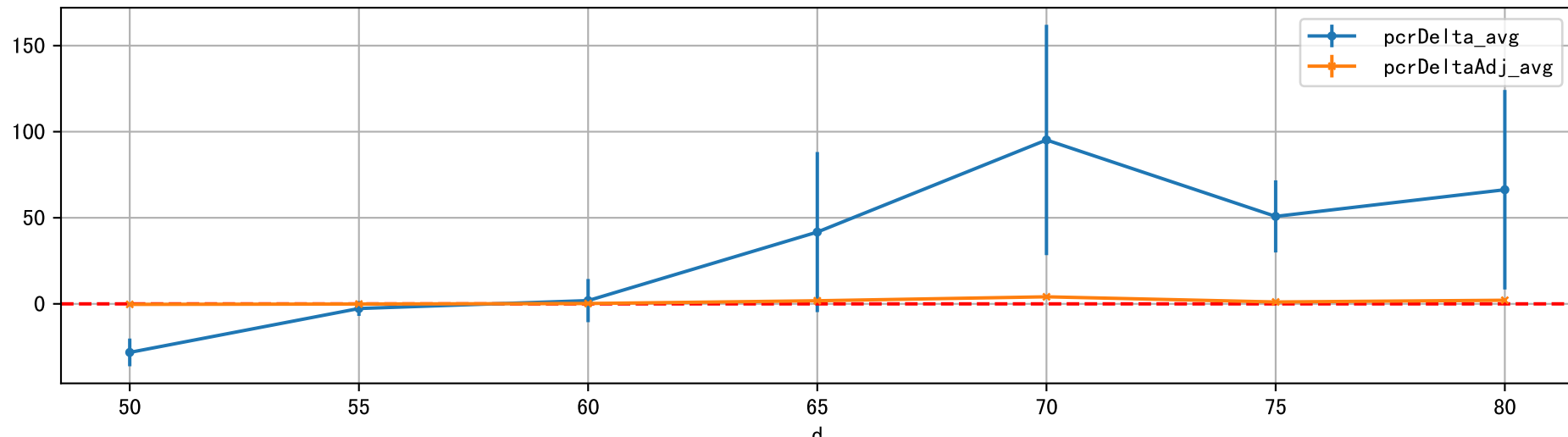


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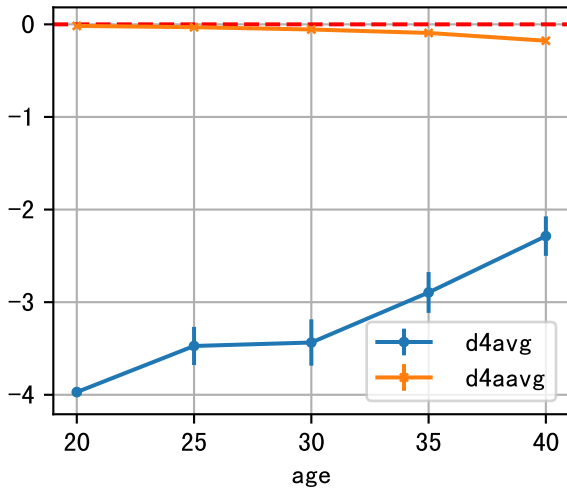
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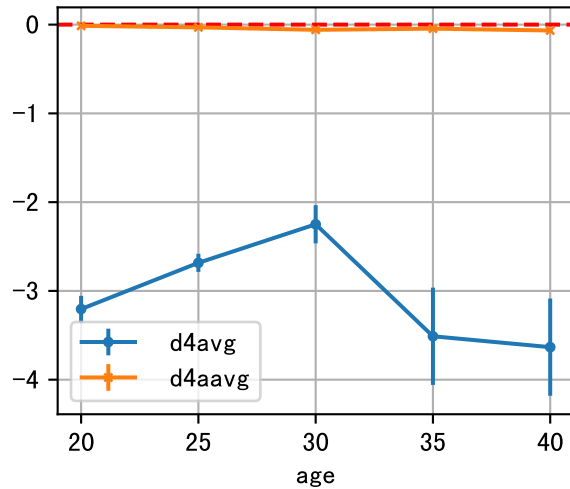
P10AW FrV: D\_Q50\_FrV



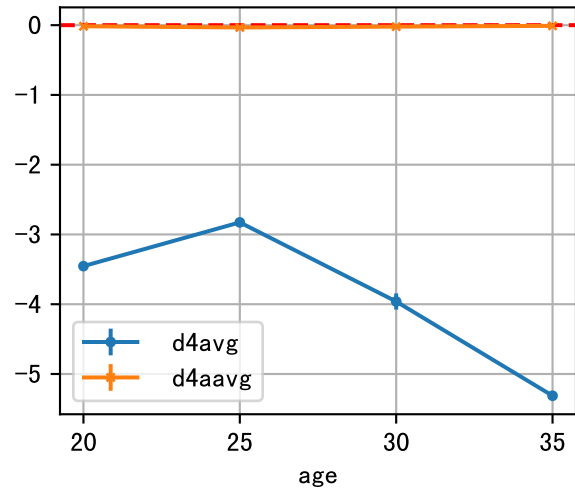
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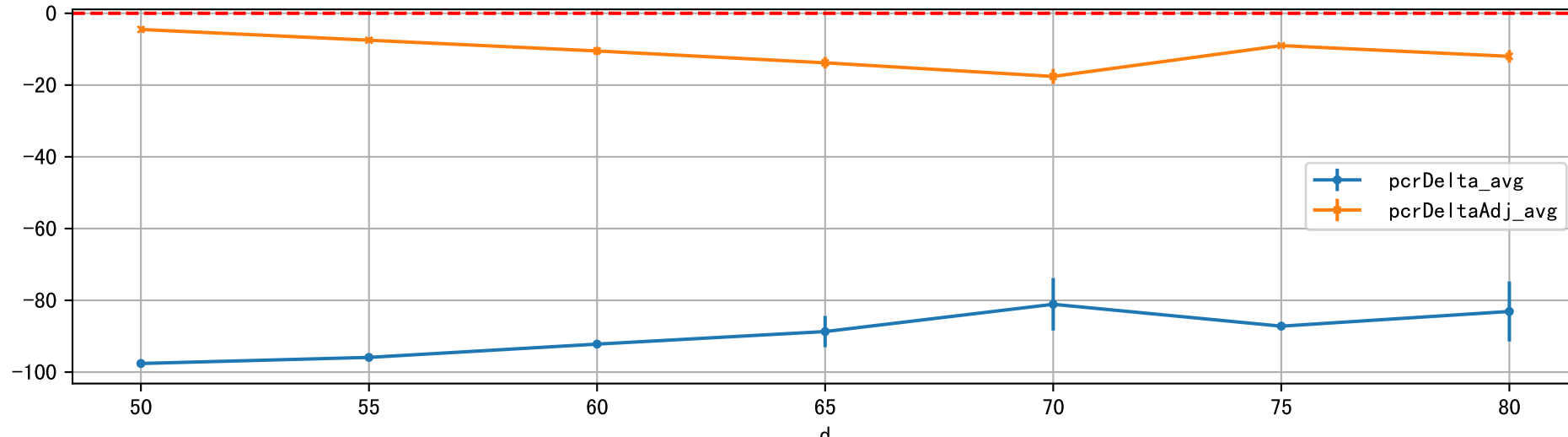
organID=2



organID=3



P10AW FrV: D\_Est\_FrV



P10AW FrV: sfDem

