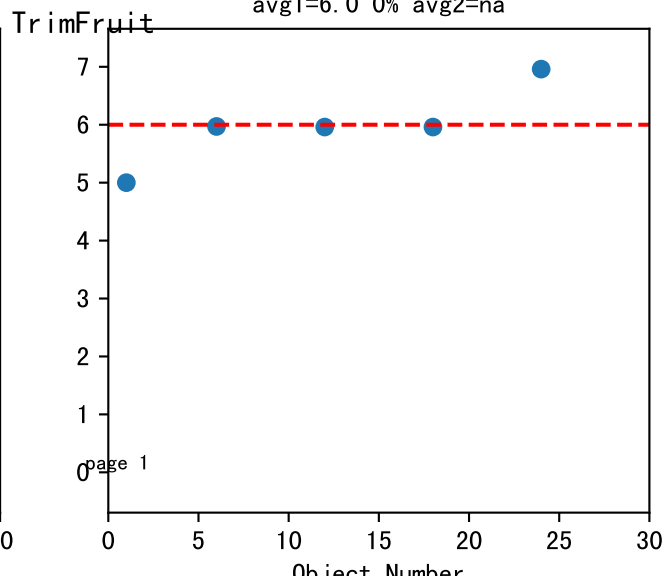
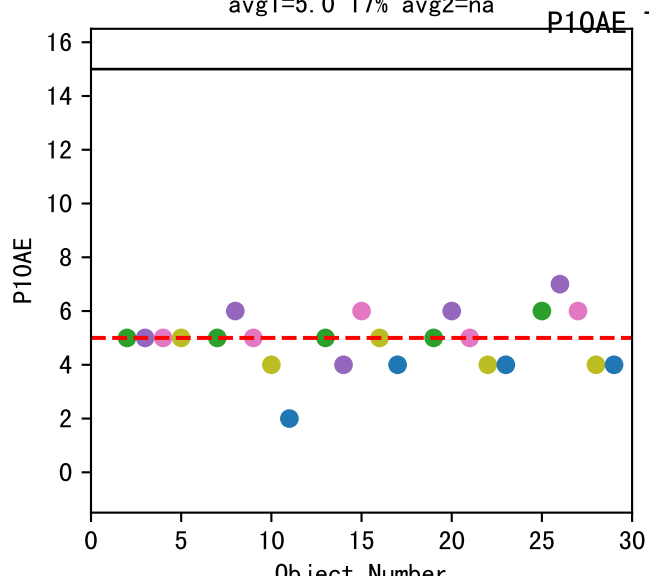
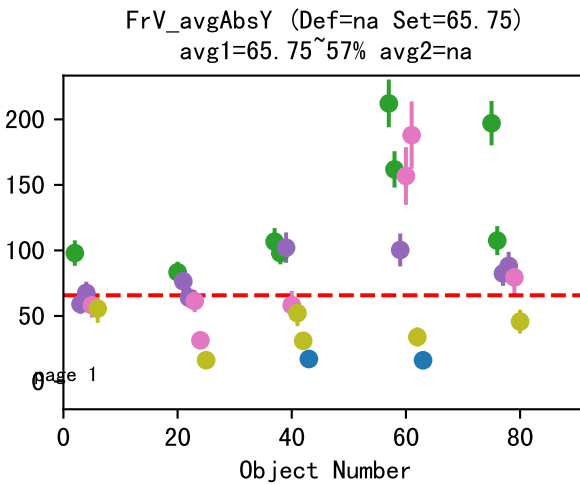
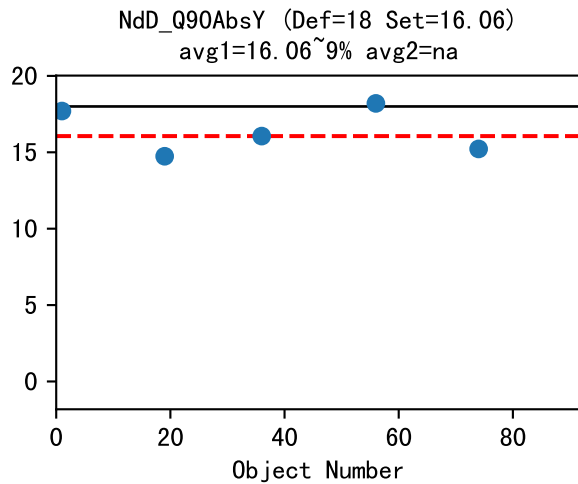
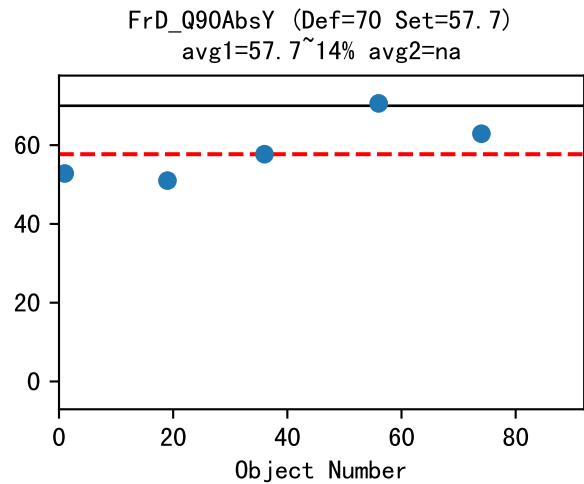
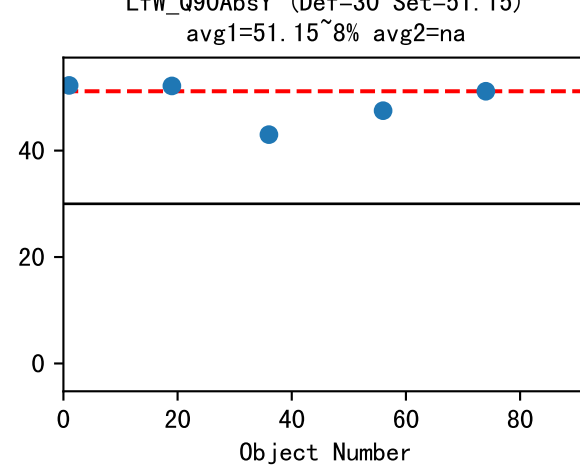
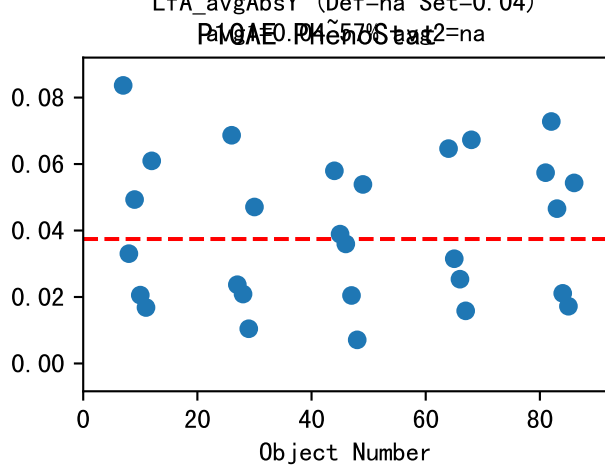
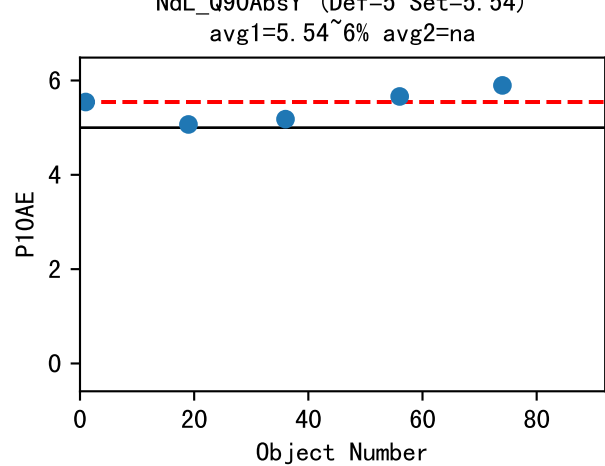


Phenotype Data Analysis Plots  
PhenoData day range = 18 - 118  
Analysis cutoff day = 118  
NC11 P10  
2026-02-14 (Day 119)

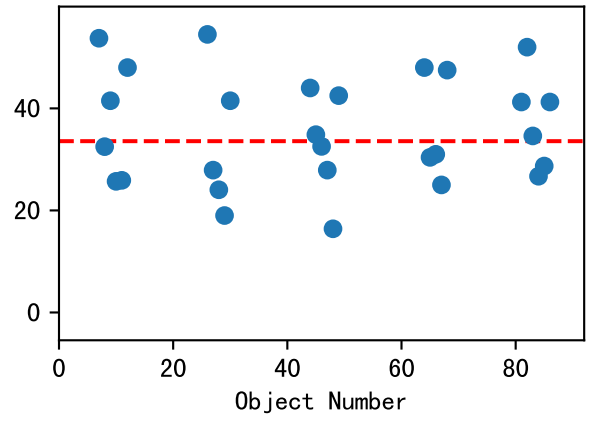
avg1=0.00% avg2=na  
P10AE Truss



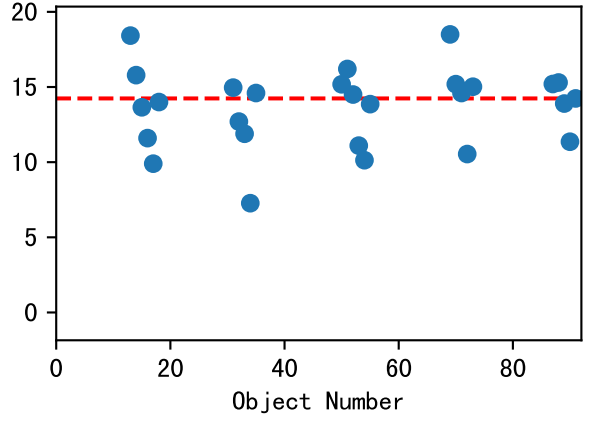




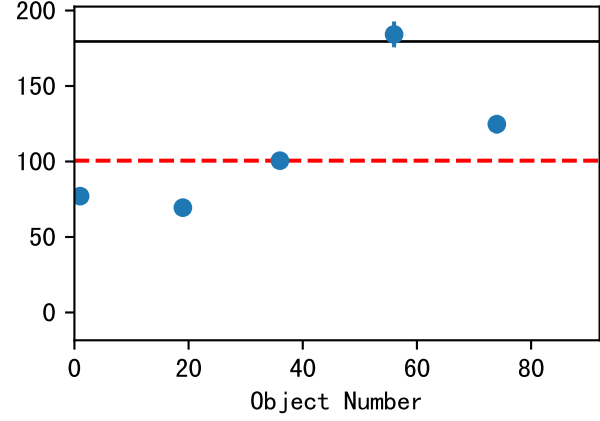
LTW\_avgAbsY (Def=na Set=33.58)  
avg1=33.58~32% avg2=na



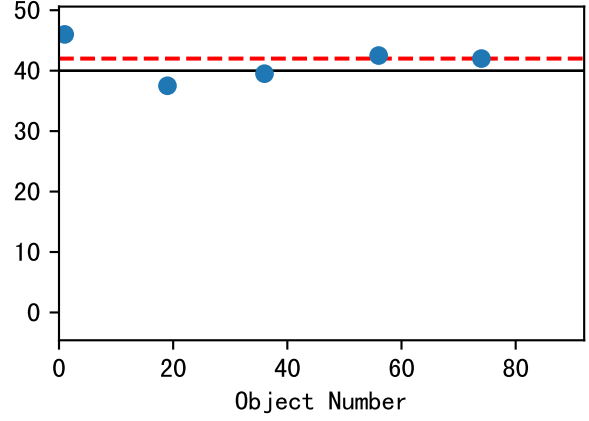
Ndd\_avgAbsY (Def=na Set=14.24)  
avg1=14.24~18% avg2=na



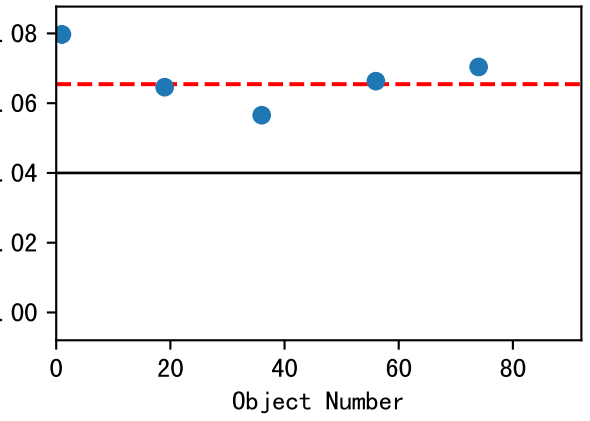
FRV\_Q90AbsY (Def=179.5 Set=100.55)  
avg1=100.55~46% avg2=na



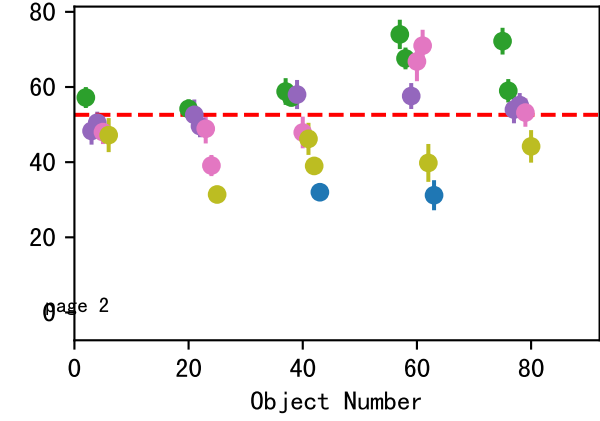
LfL\_Q90AbsY (Def=40 Set=42.0)  
avg1=42.0~8% avg2=na



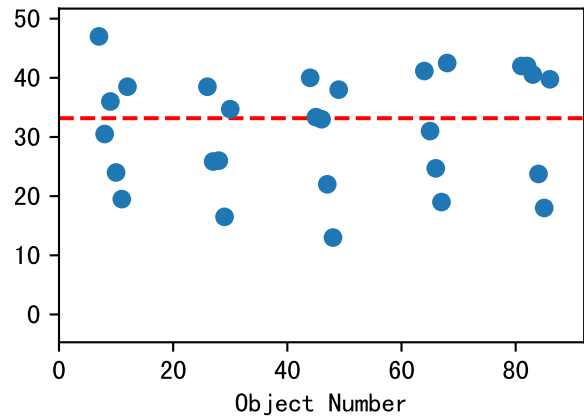
LfA\_Q90AbsY (Def=0.04 Set=0.04)  
avg1=0.07~9% avg2=na



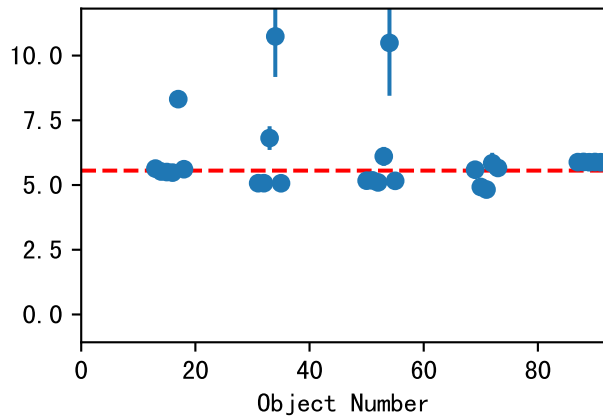
FrD\_avgAbsY (Def=na Set=52.6)  
avg1=52.6~22% avg2=na



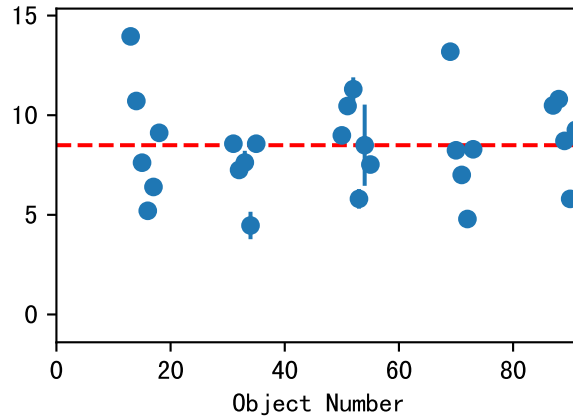
LTL\_avgAbsY (Def=na Set=33.17)  
avg1=33.17~29% avg2=na



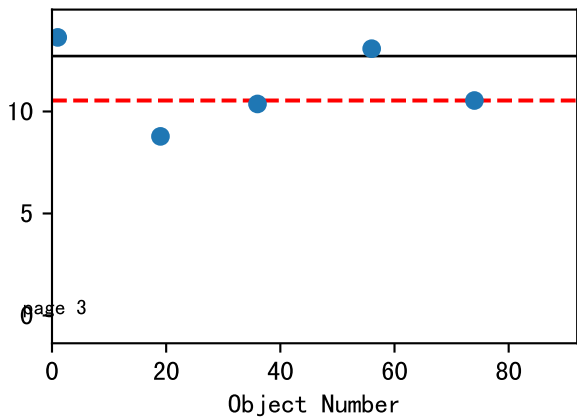
NdL\_avgAbsY (Def=na Set=5.56)  
avg1=5.56~8% avg2=na



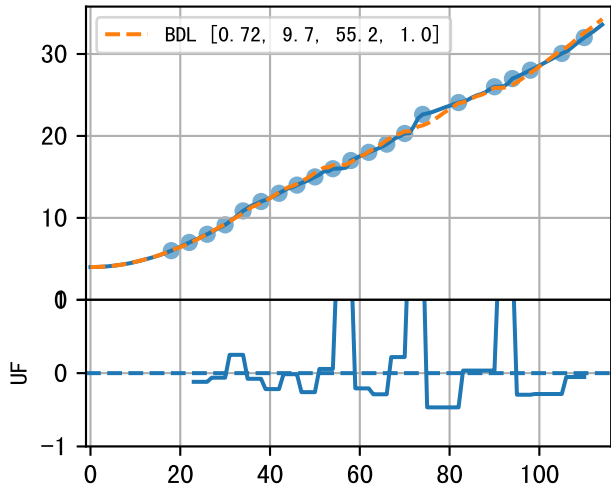
Ndv\_avgAbsY (Def=na Set=8.49)  
avg1=8.49~28% avg2=na



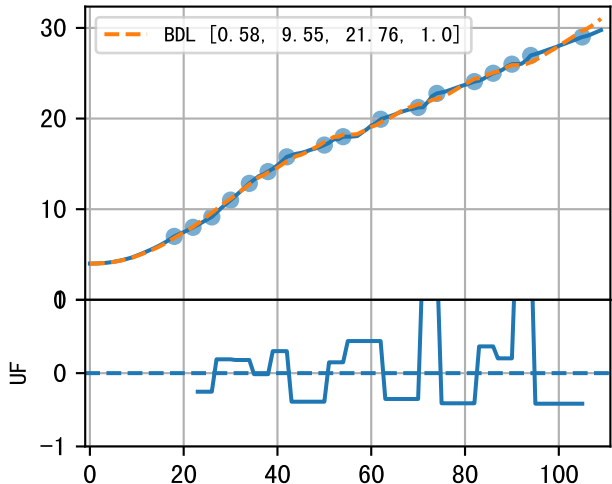
NdV\_Q90AbsY (Def=12.72 Set=10.54)  
avg1=10.54~19% avg2=na



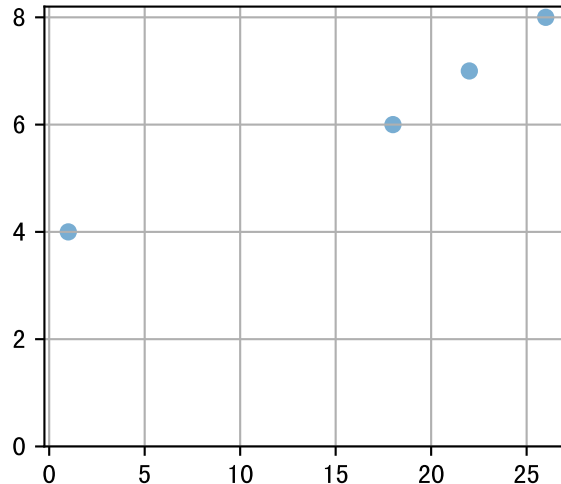
P10AE-081-12 (fit failed)



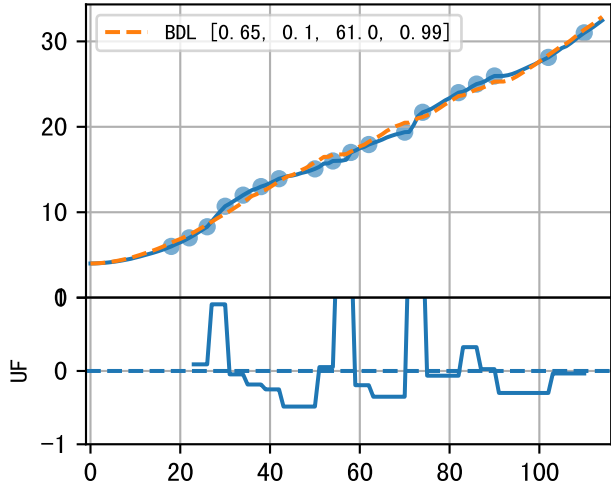
P10AE-087-27 (fit failed)



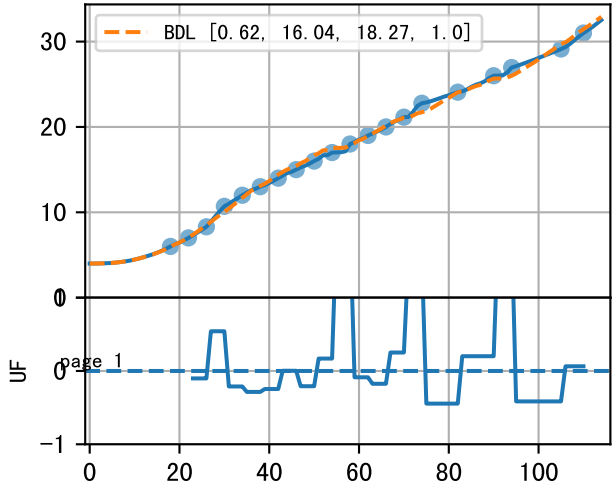
P10AE-095-20 (fit failed)



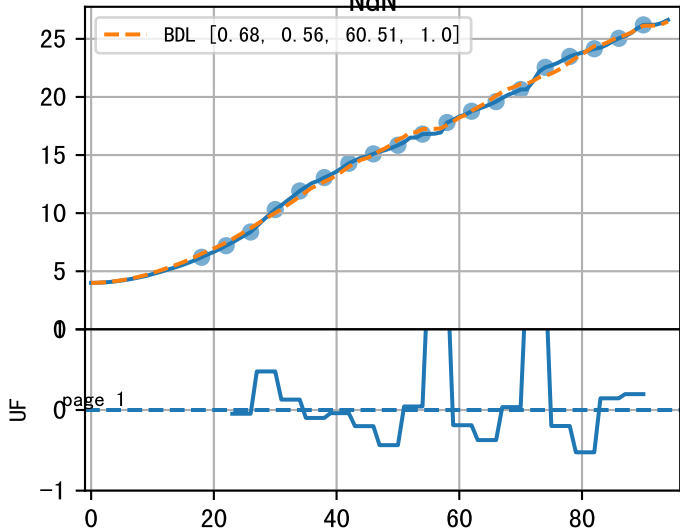
P10AE-103-32 (fit failed)



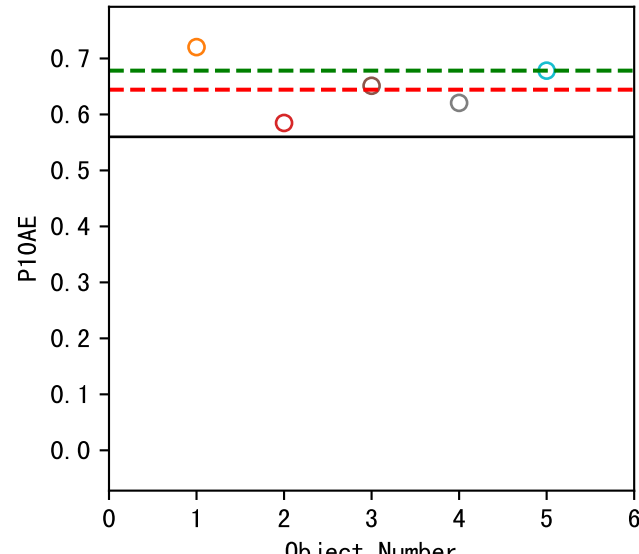
P10AE-114-7 (fit failed)



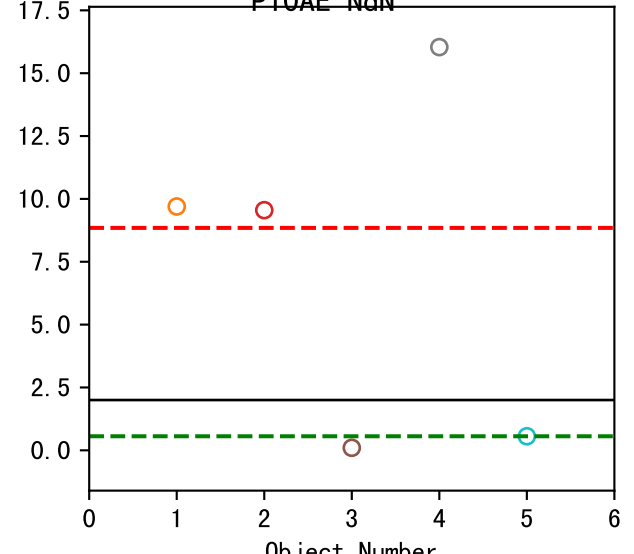
# PIOAEavg (left-tailed)



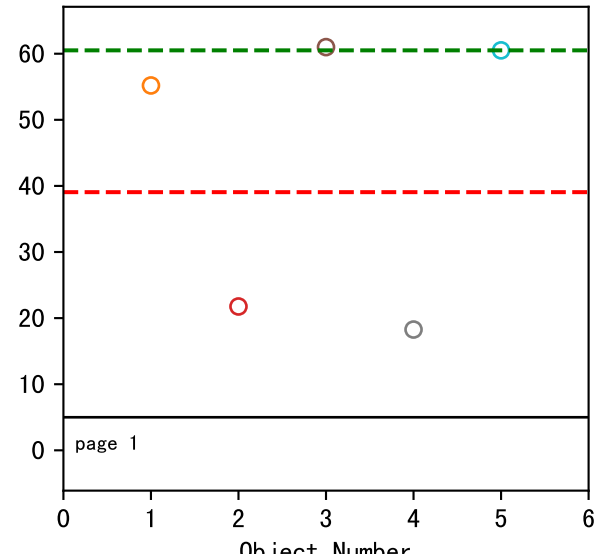
avg1=0.64 (fail) avg2=0.68

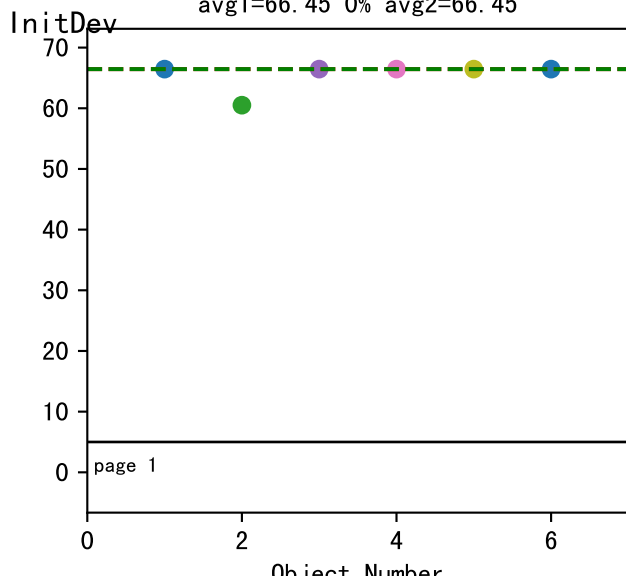
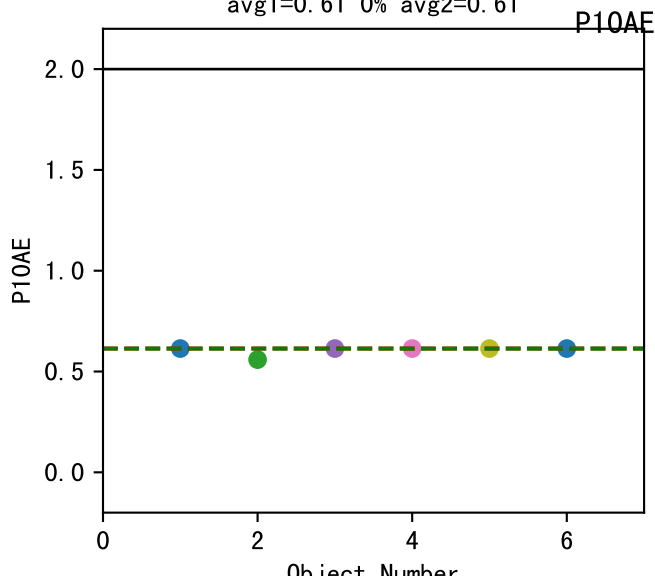


avg1=8.85 (fail) avg2=0.56

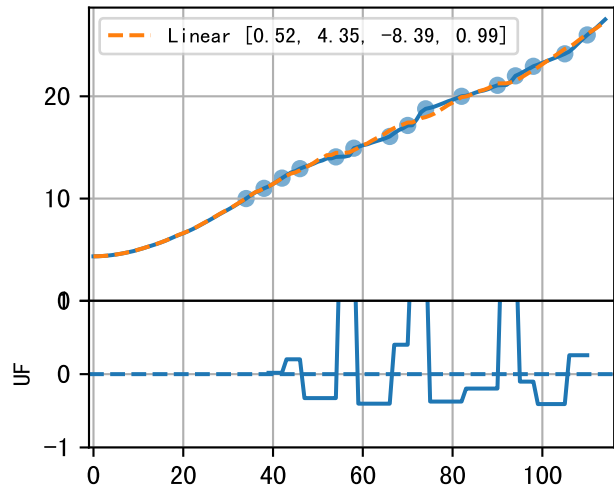


avg1=39.06 (fail) avg2=60.51

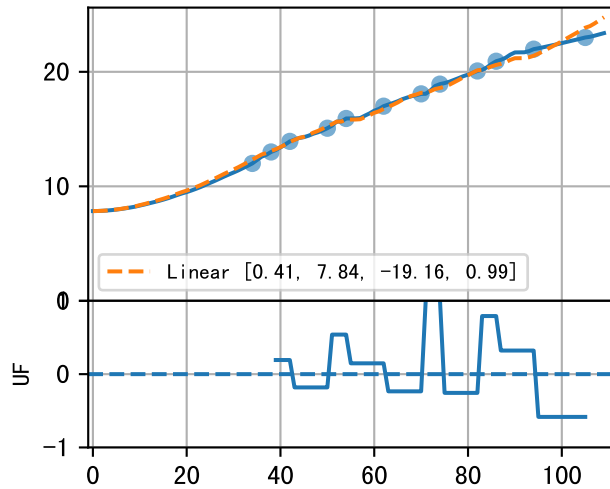




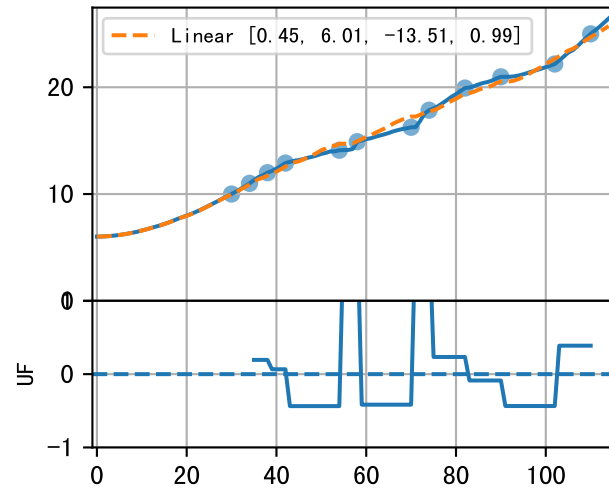
P10AE-081-12



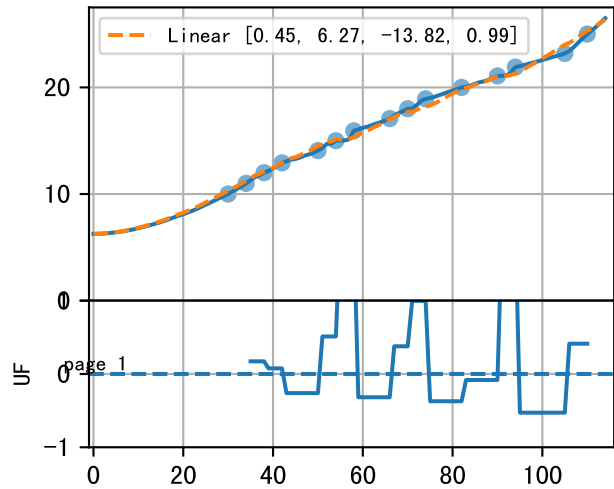
P10AE-087-27



P10AE-103-32

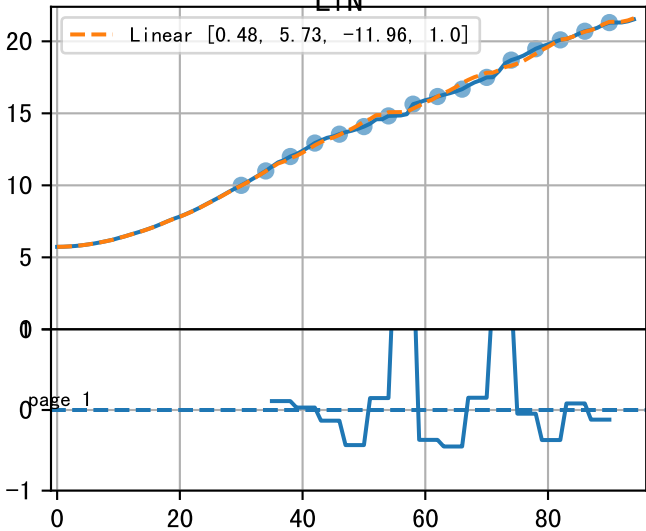


P10AE-114-7

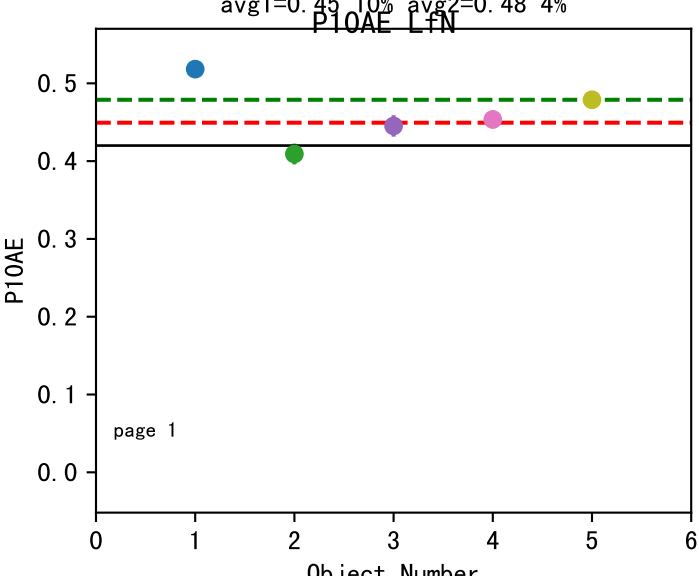


PTUARavg  
Lfn

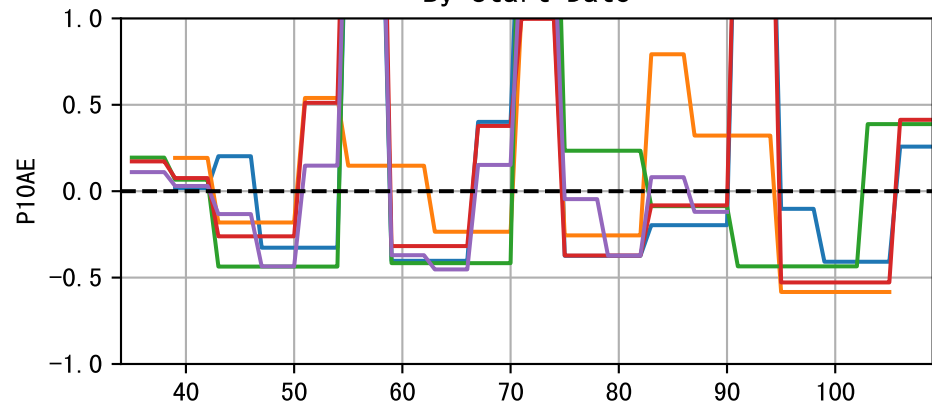
Linear [0.48, 5.73, -11.96, 1.0]



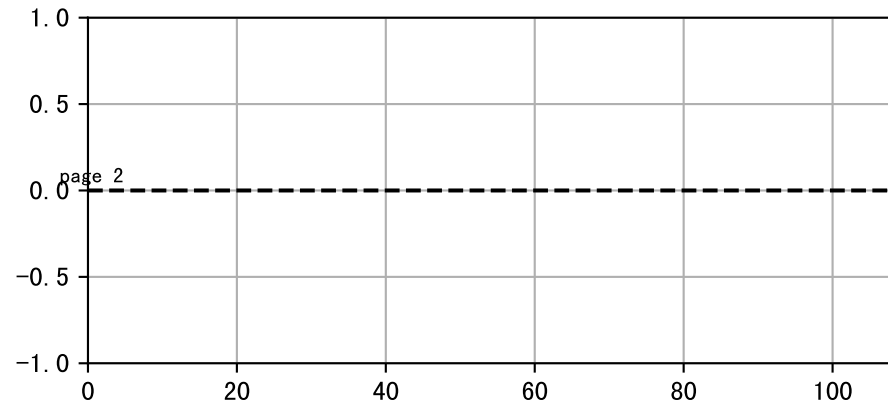
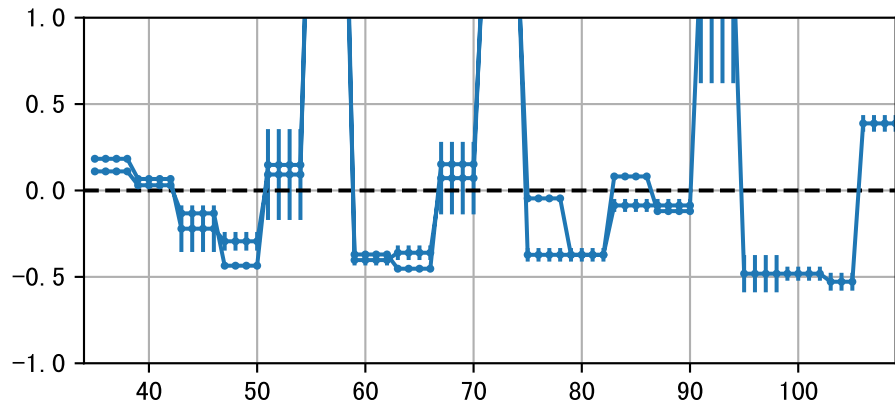
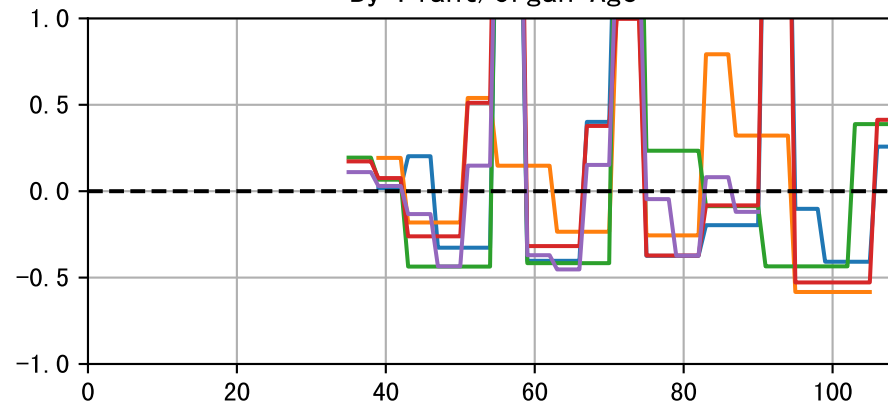
UF page 1



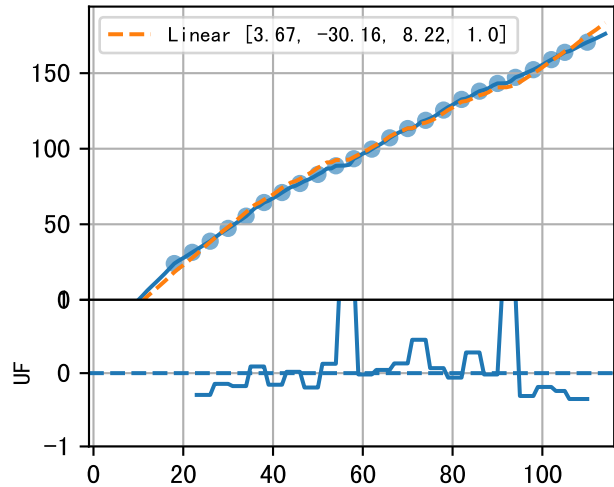
By Start Date



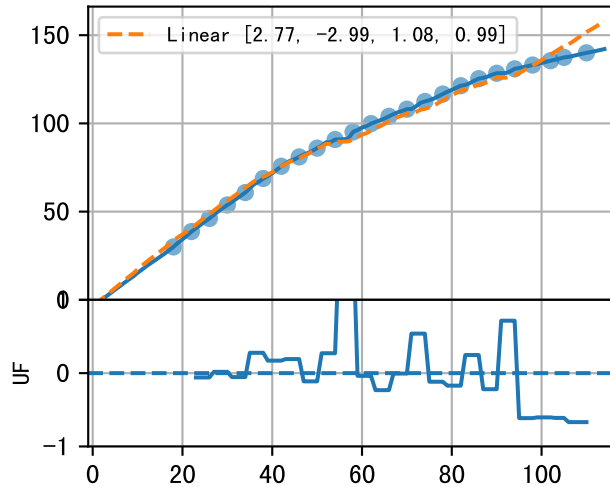
By Plant/Organ Age



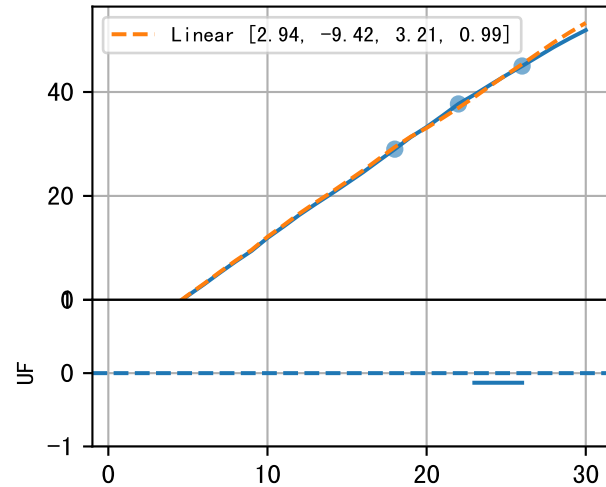
P10AE-081-12



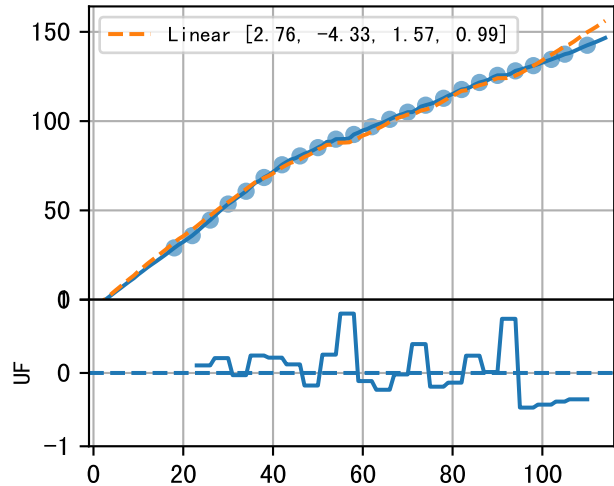
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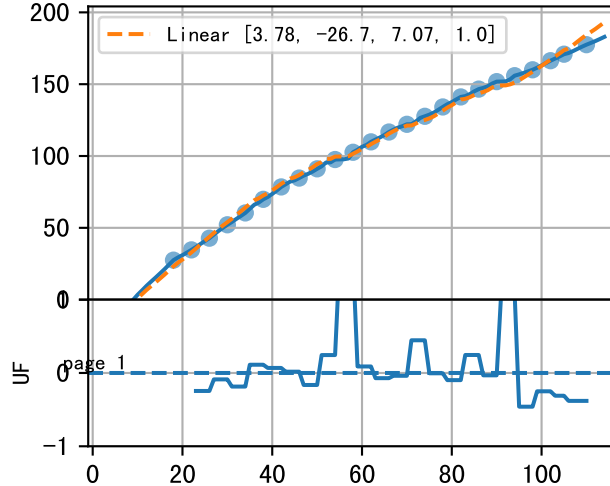
P10AE-095-20

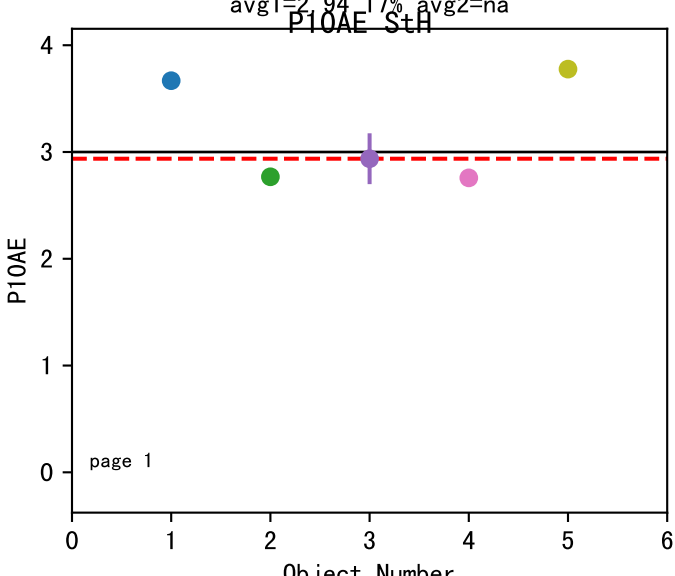


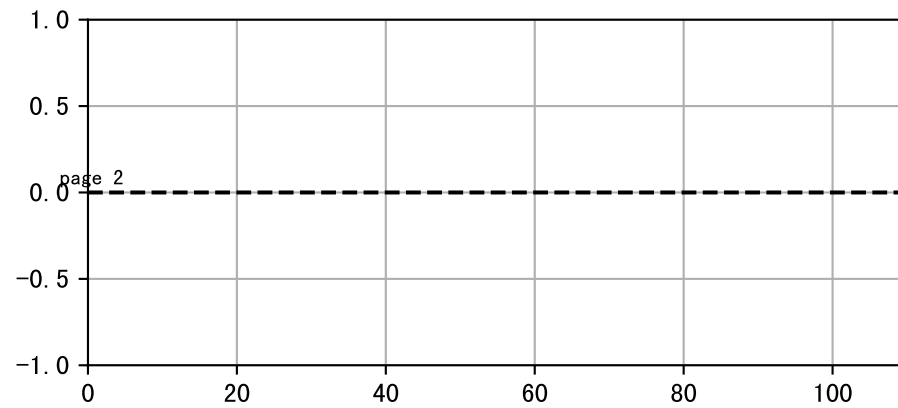
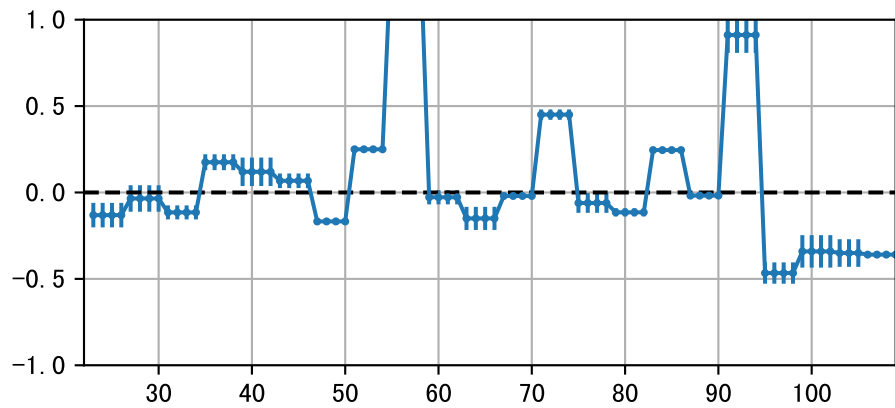
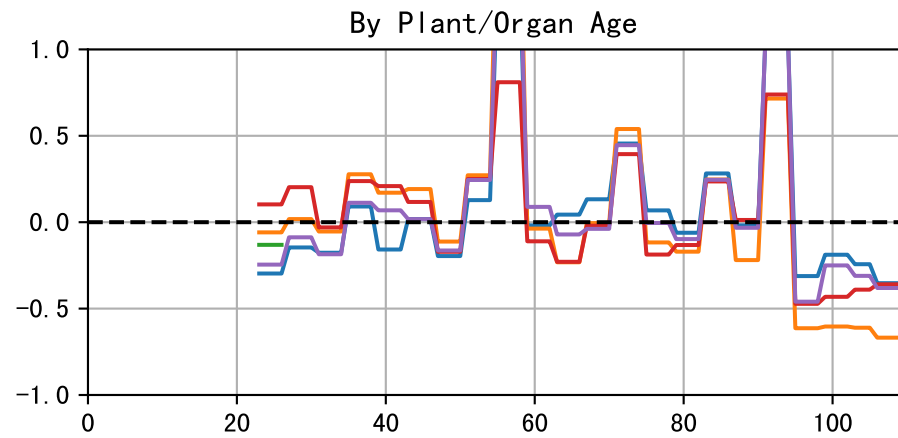
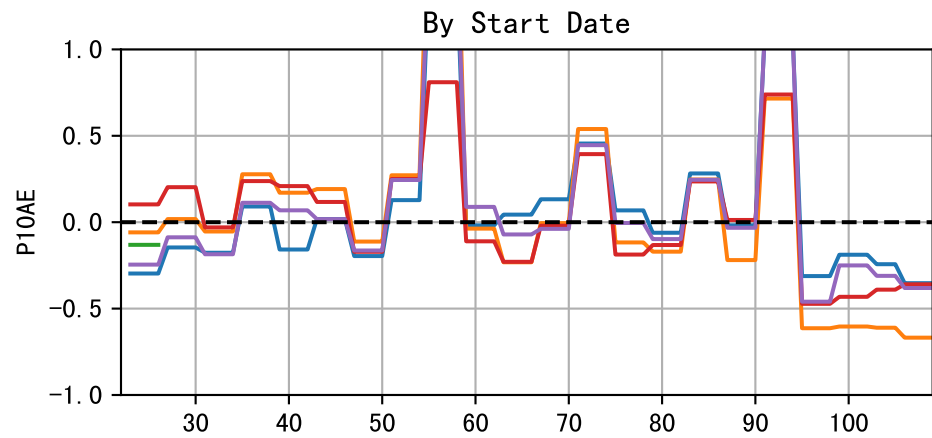
P10AE-103-32



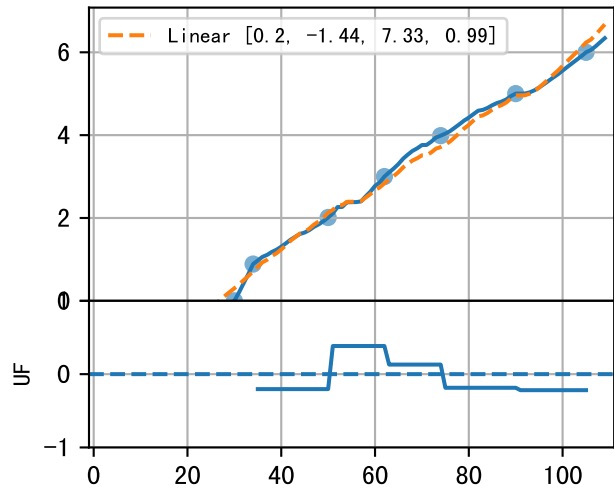
P10AE-114-7



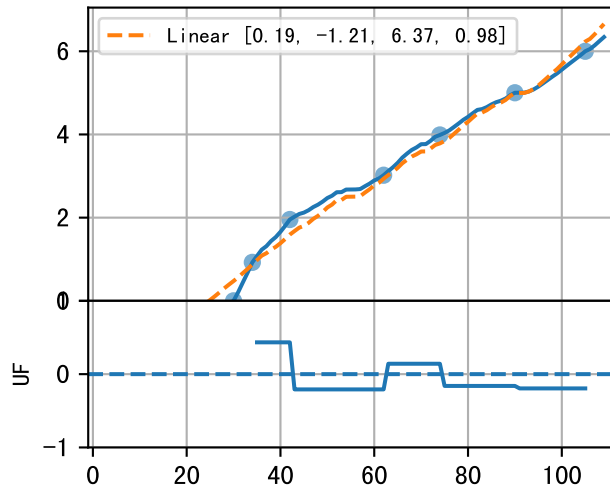




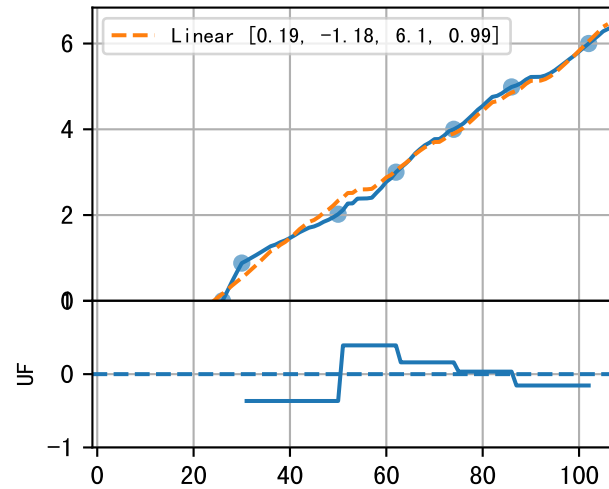
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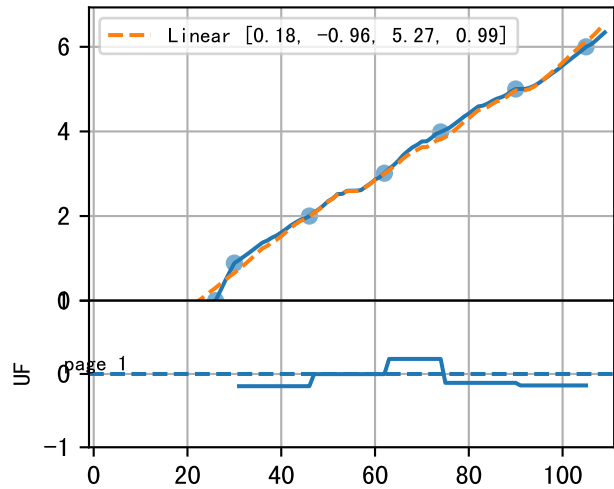
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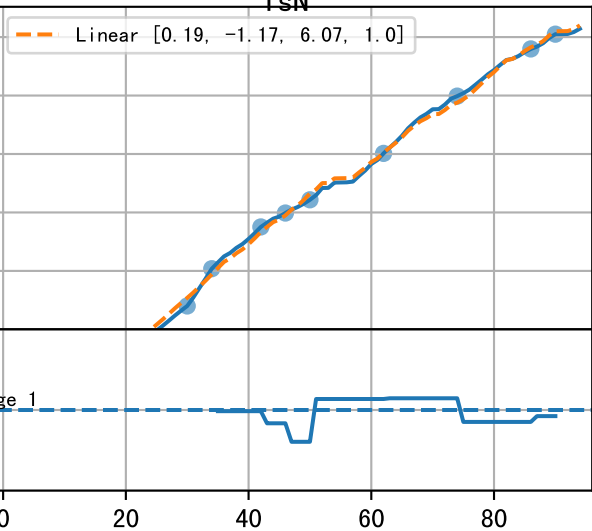
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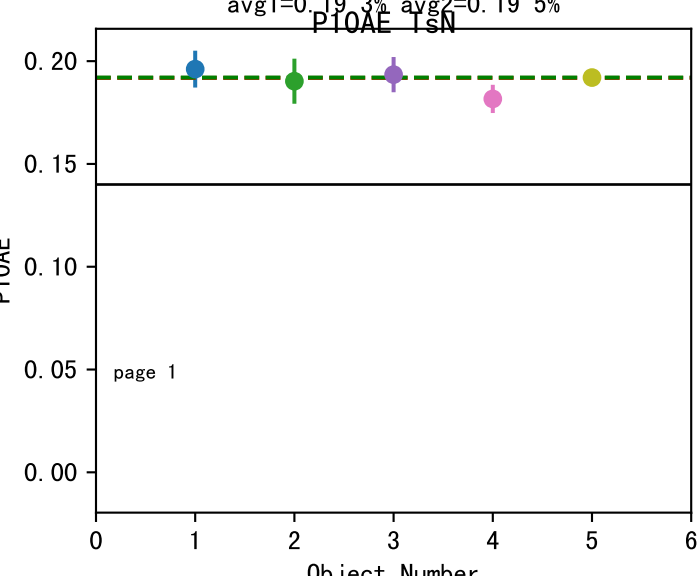
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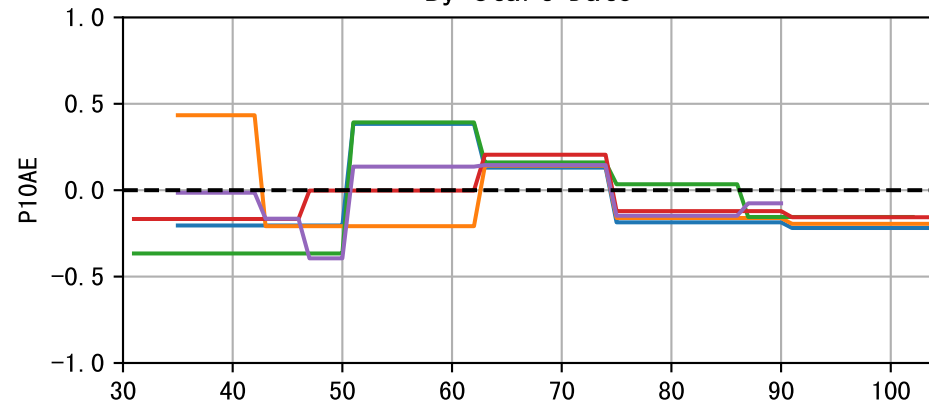
PIUavg  
TSN



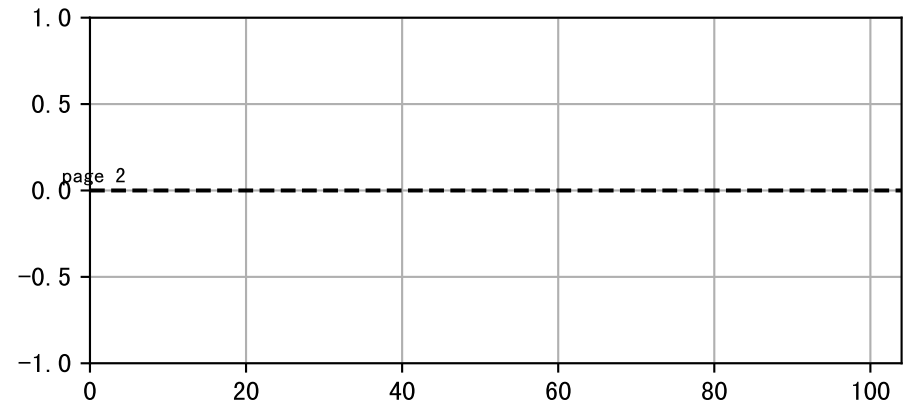
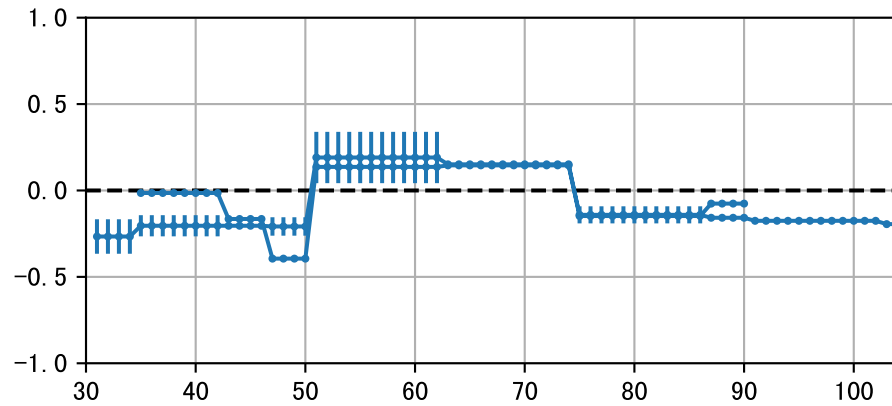
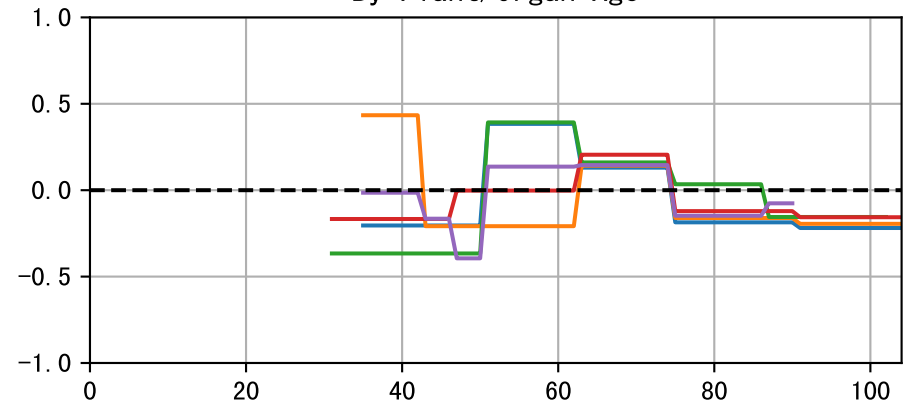
UF page 1



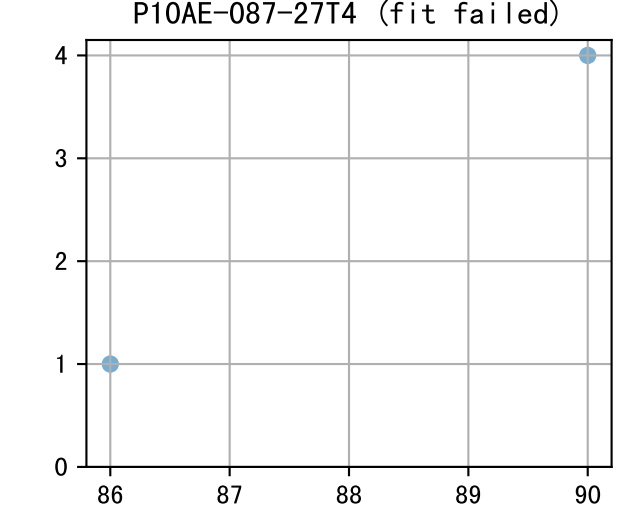
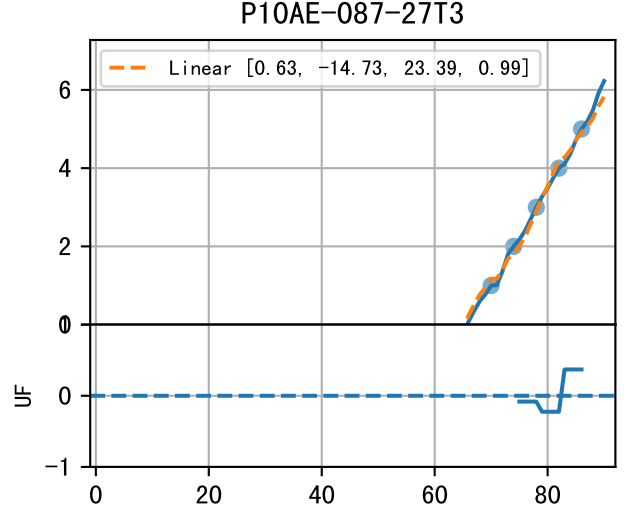
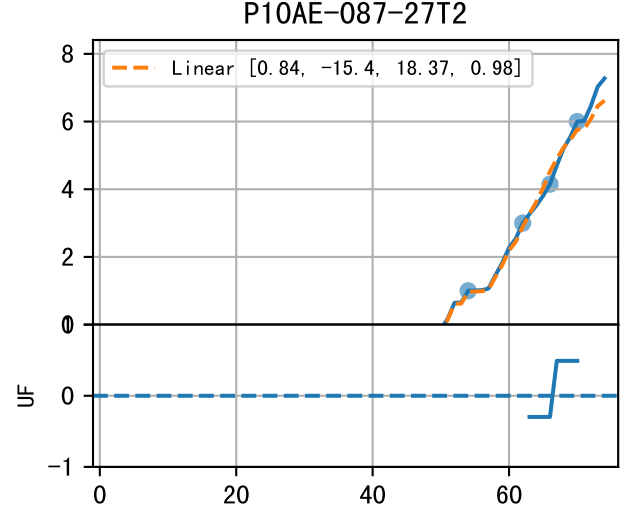
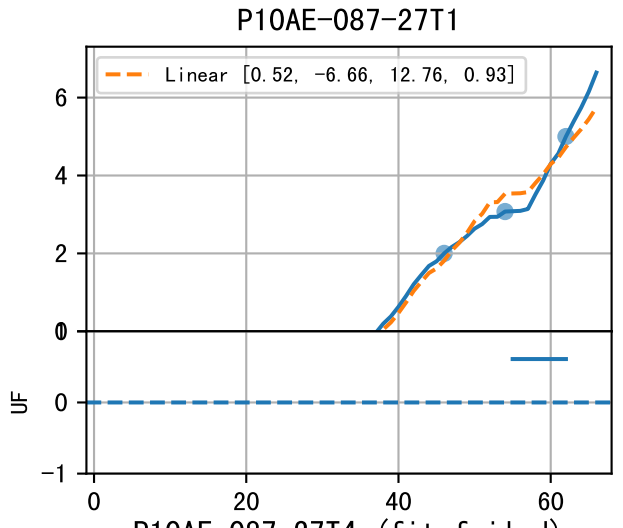
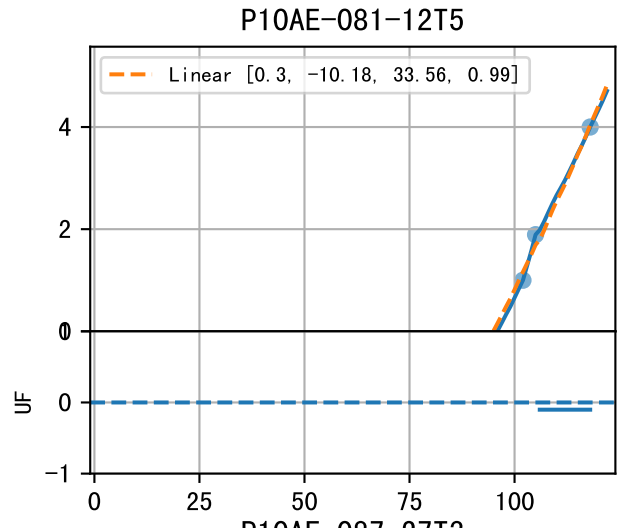
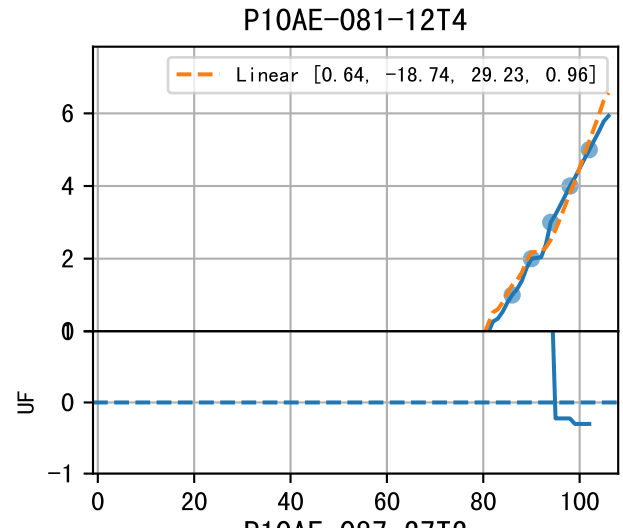
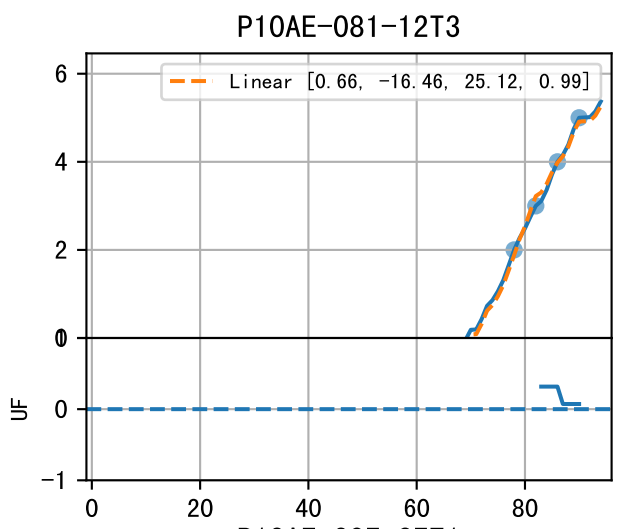
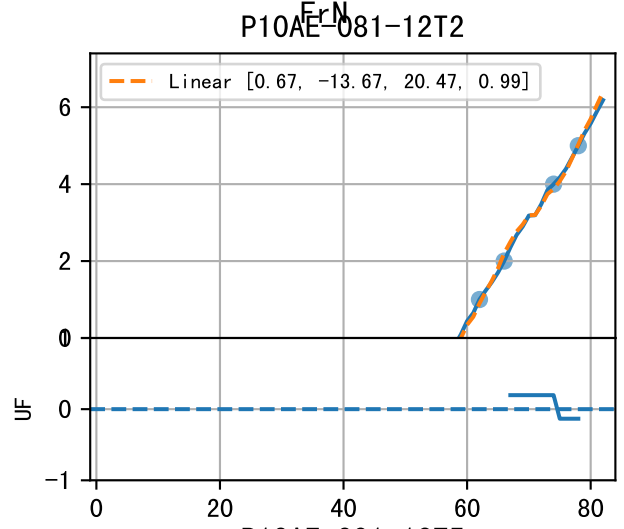
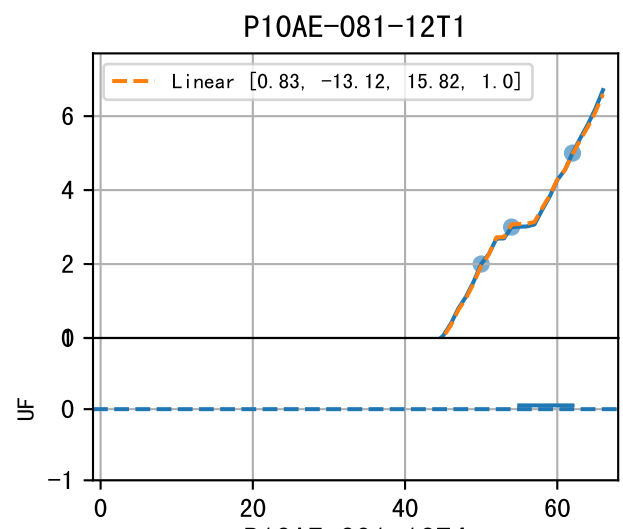
By Start Date

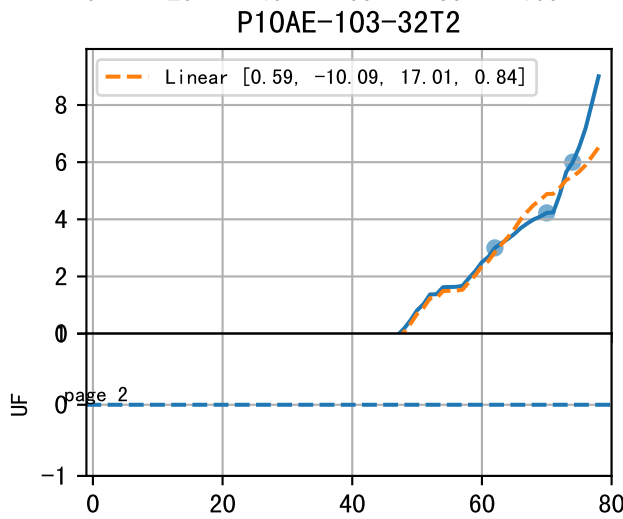
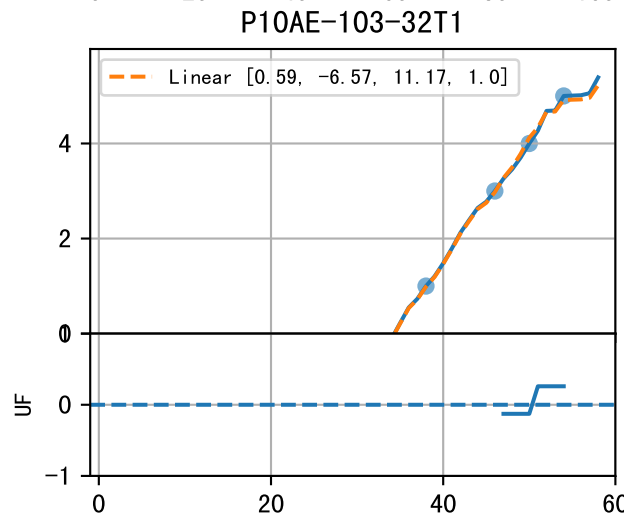
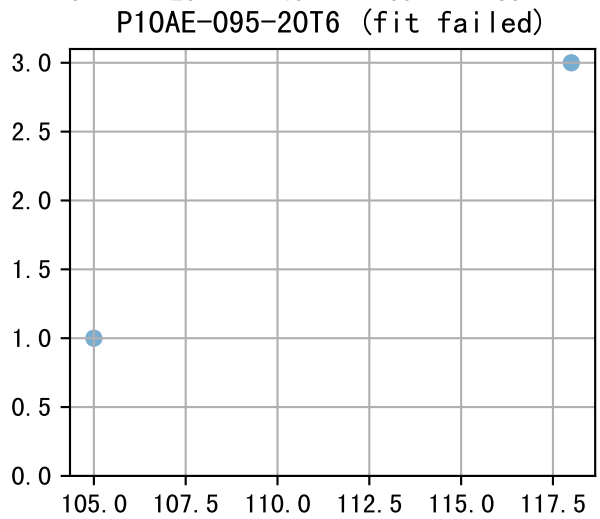
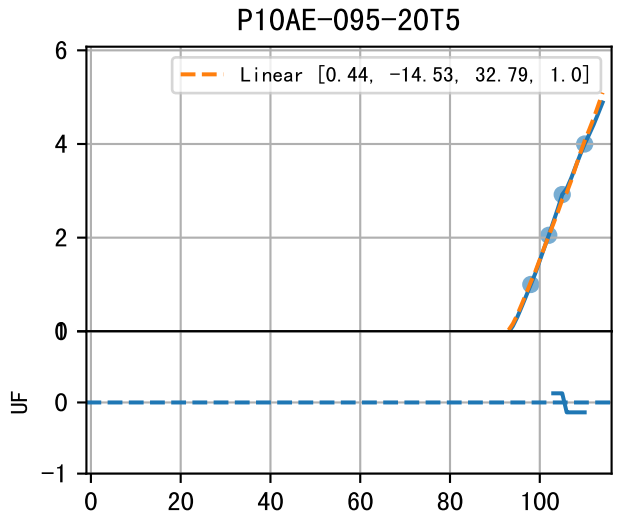
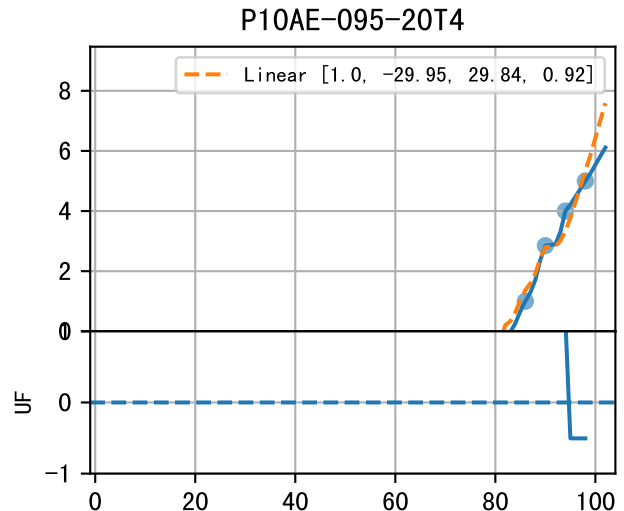
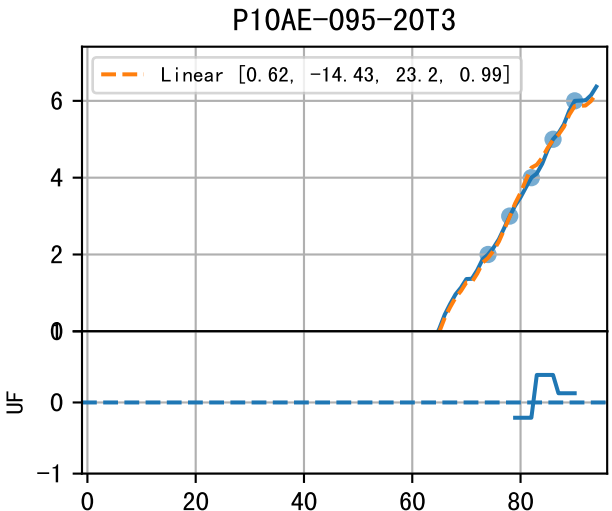
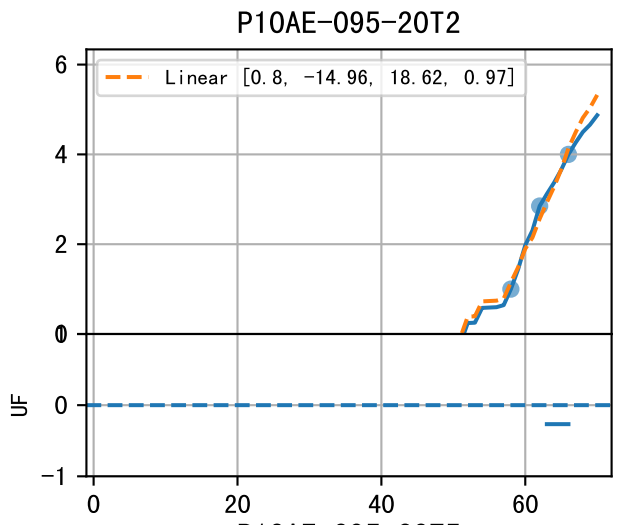
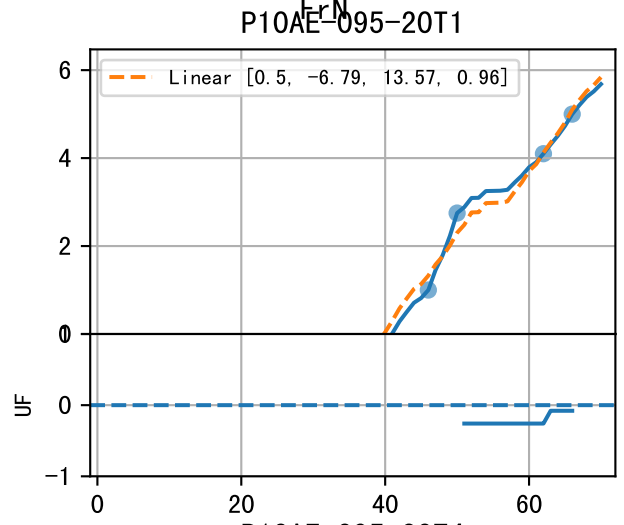
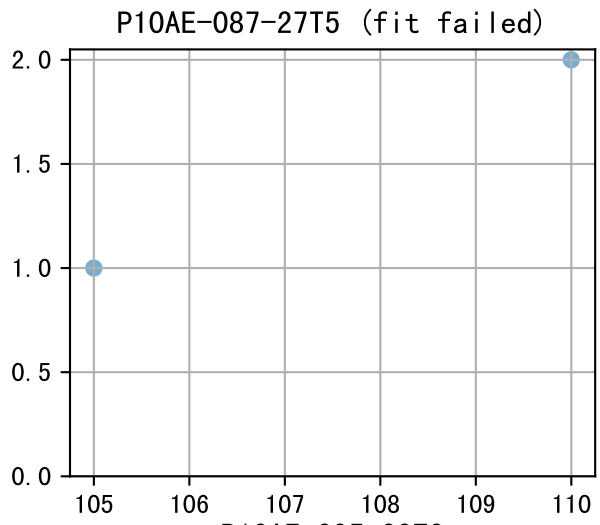


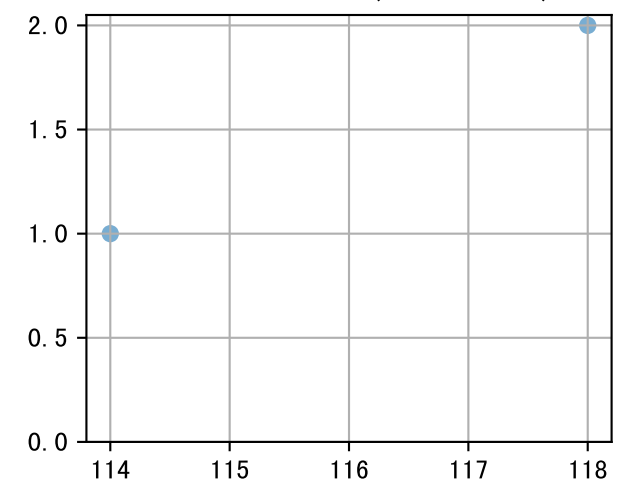
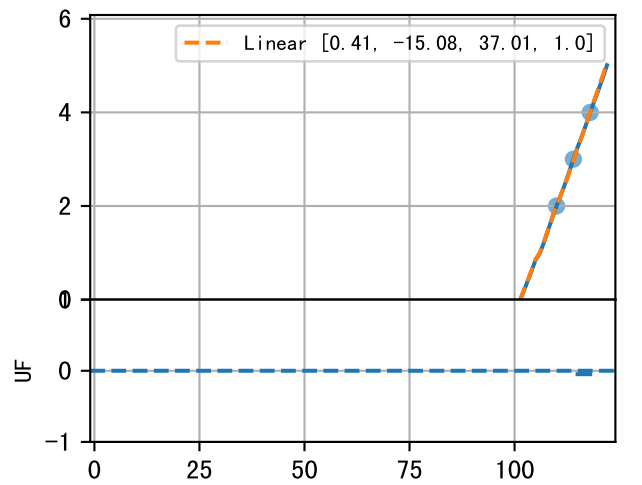
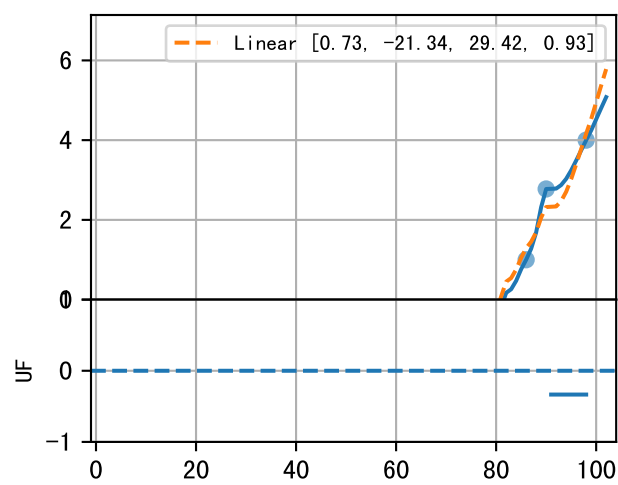
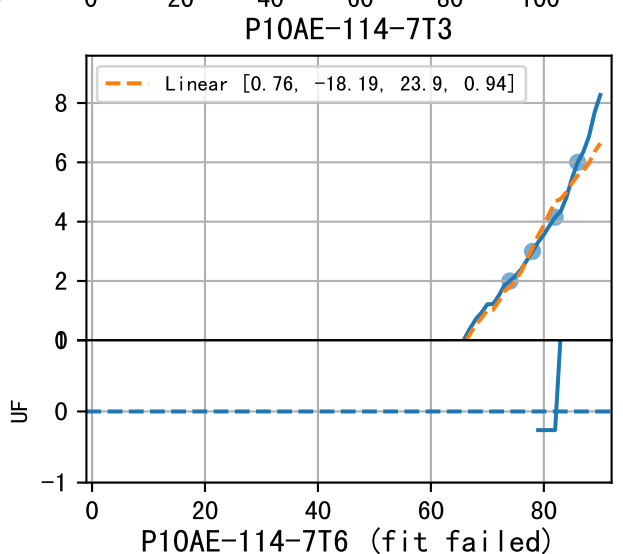
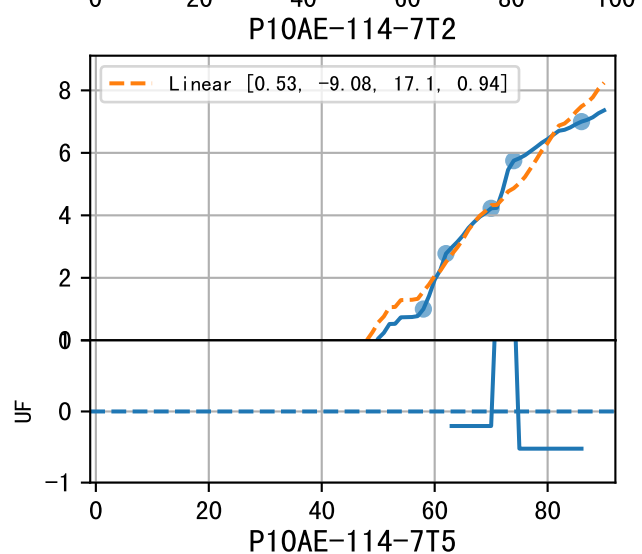
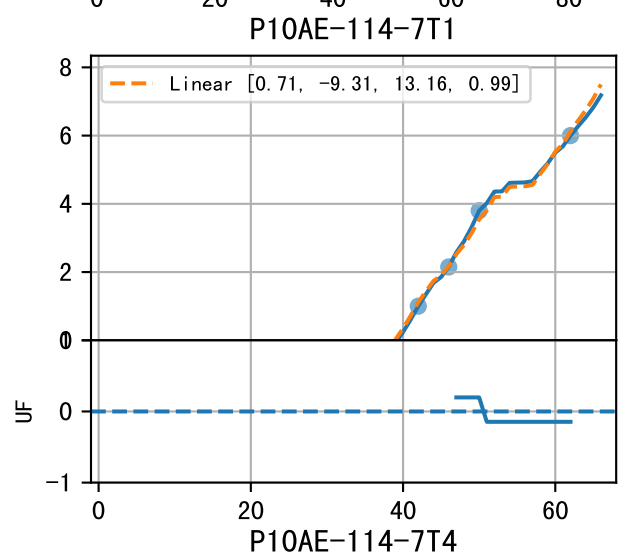
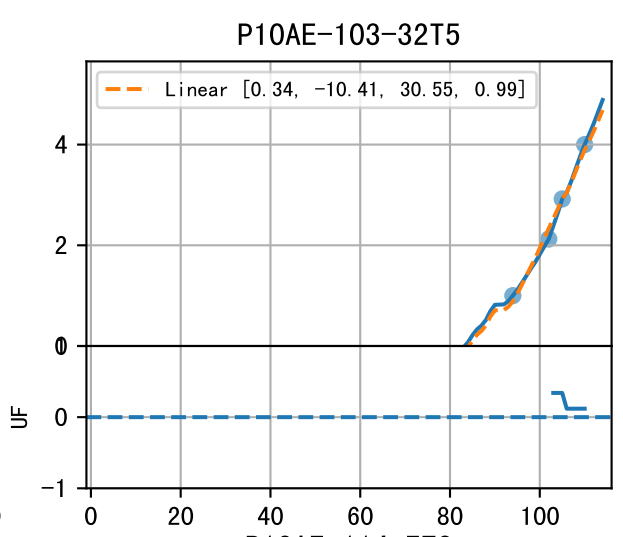
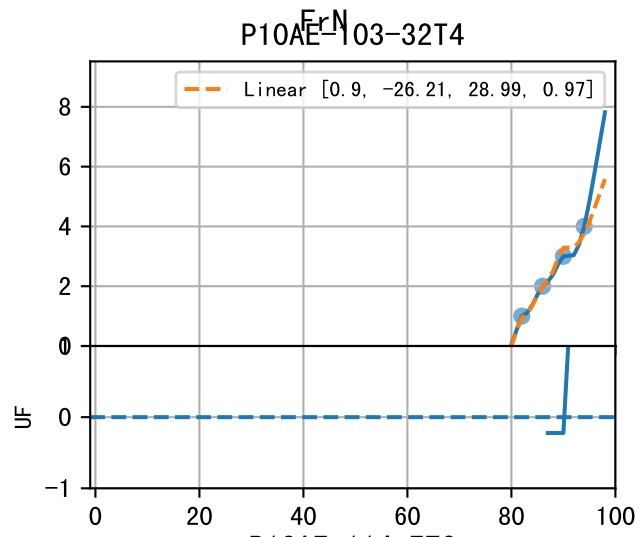
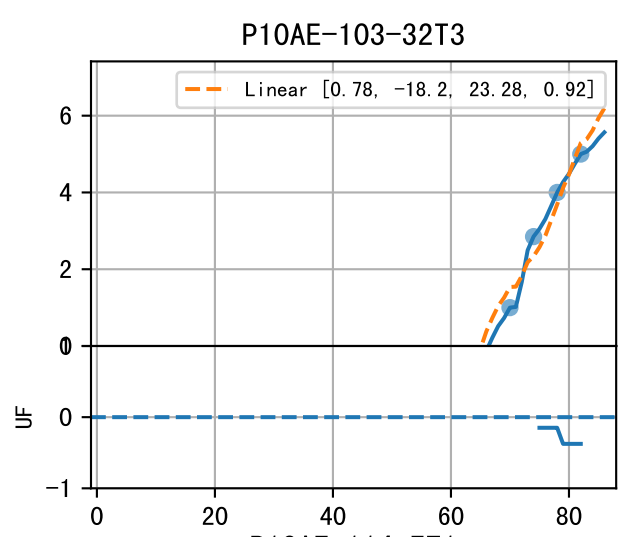
By Plant/Organ Age



ErN

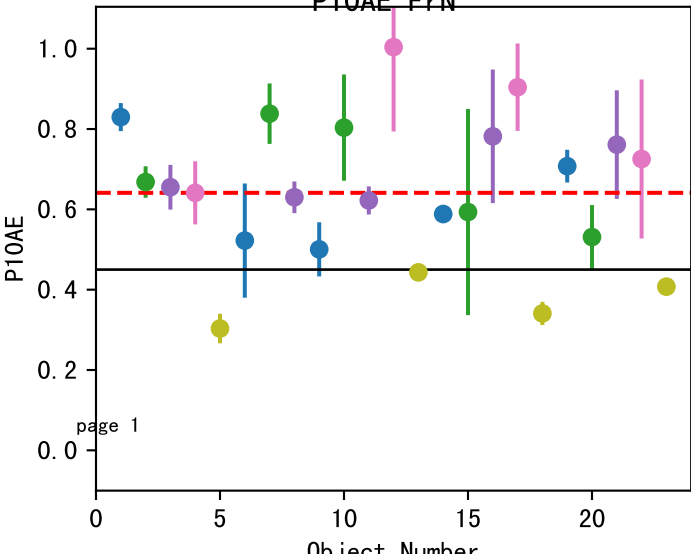


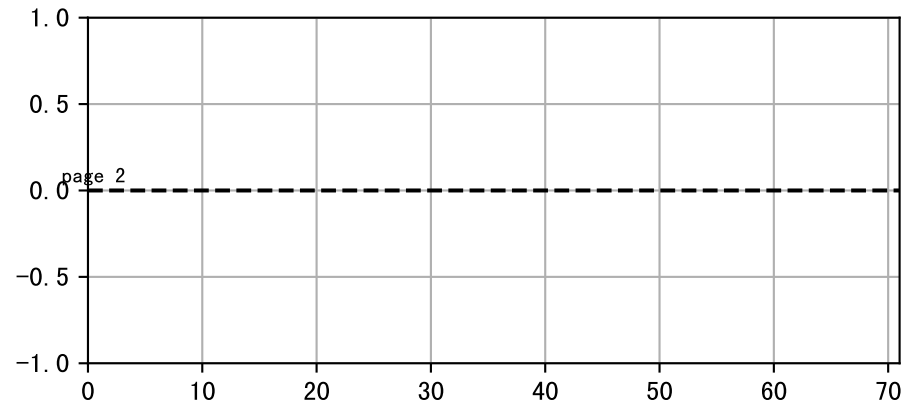
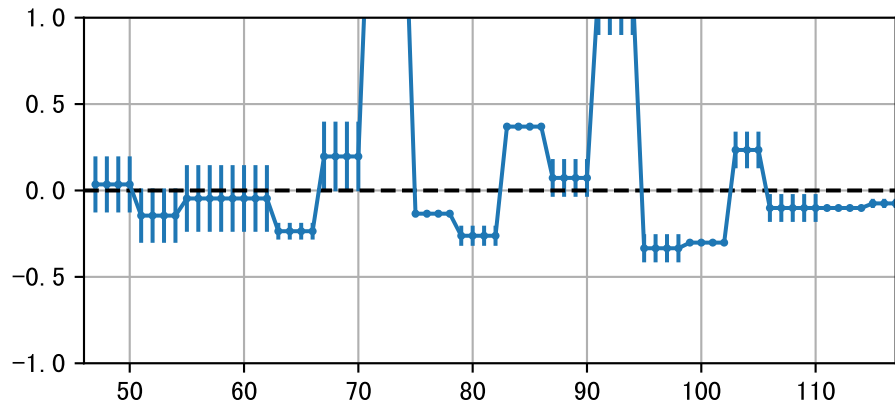
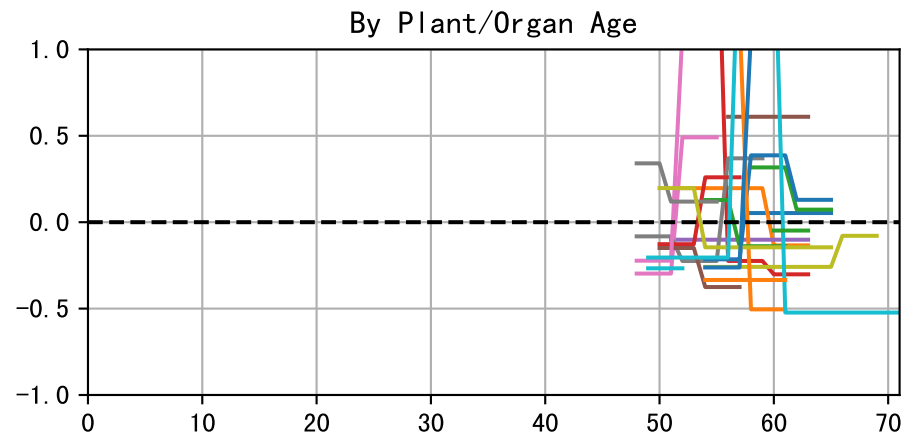
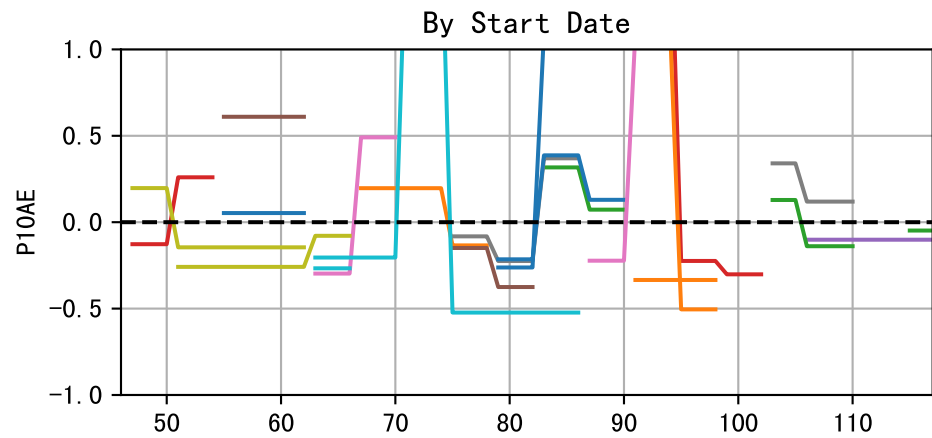


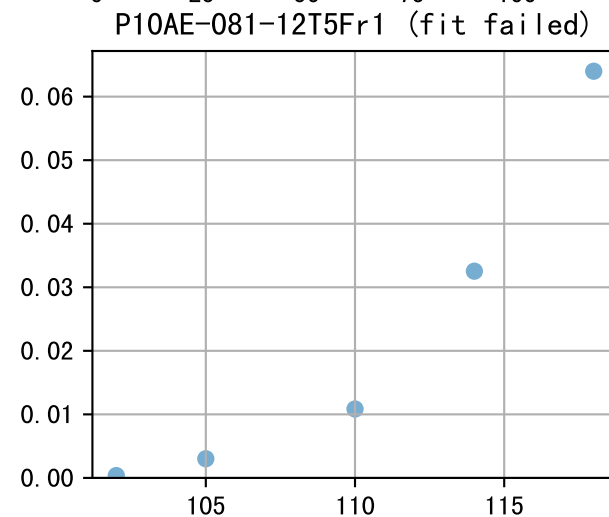
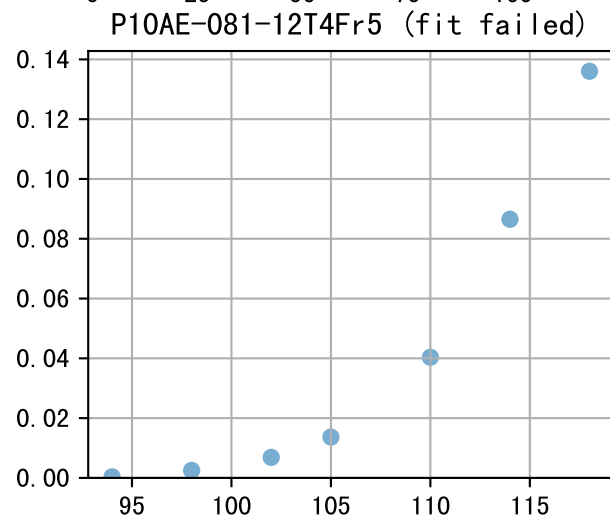
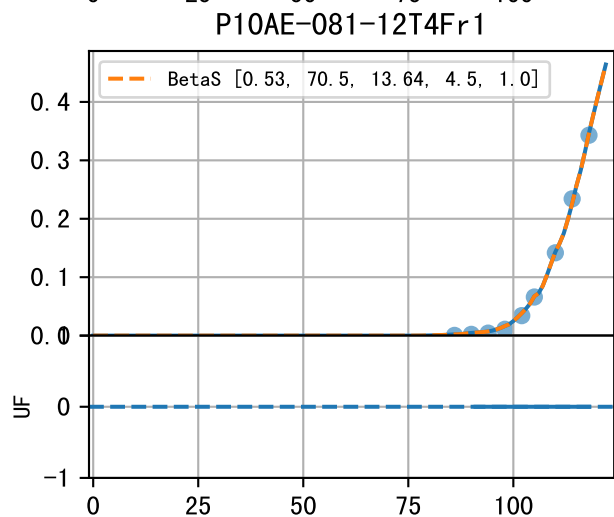
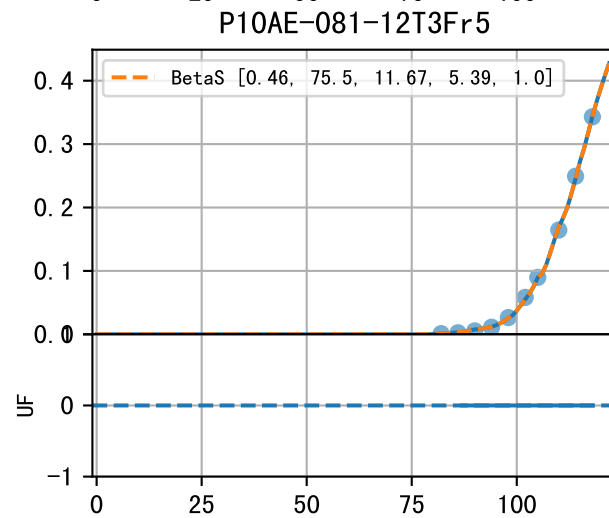
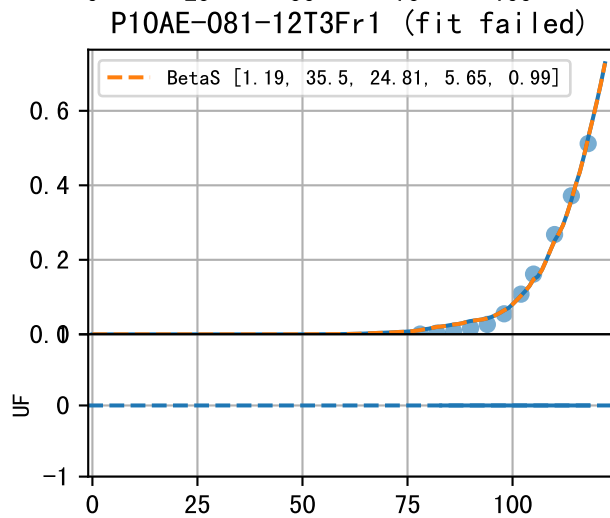
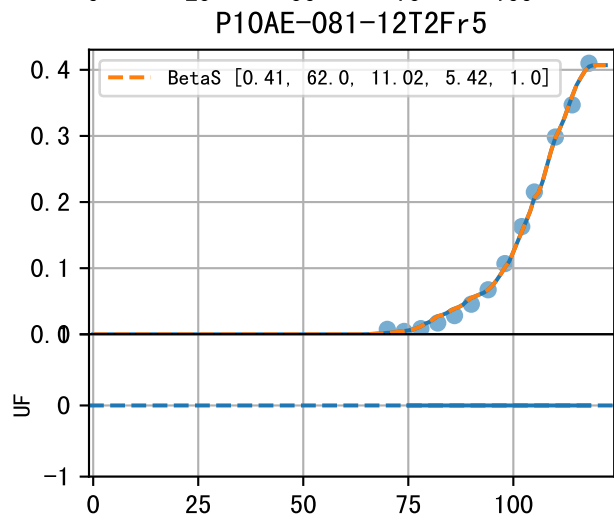
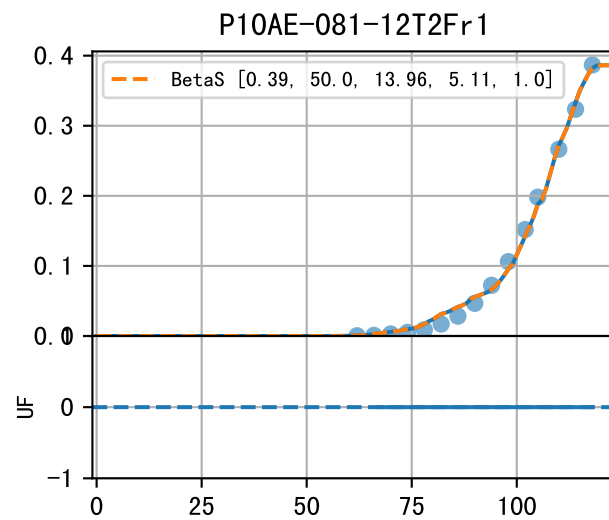
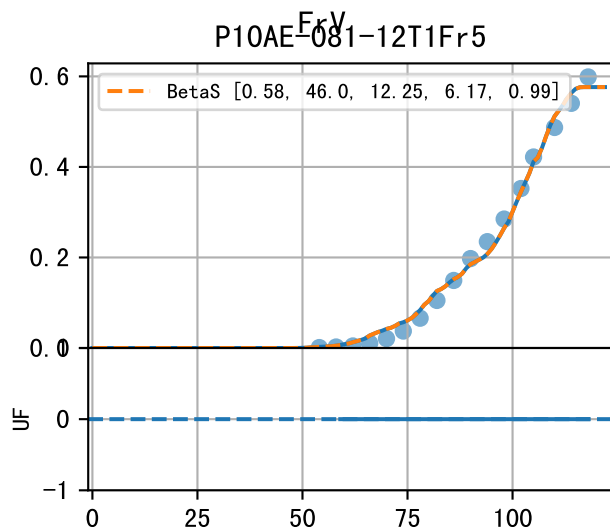
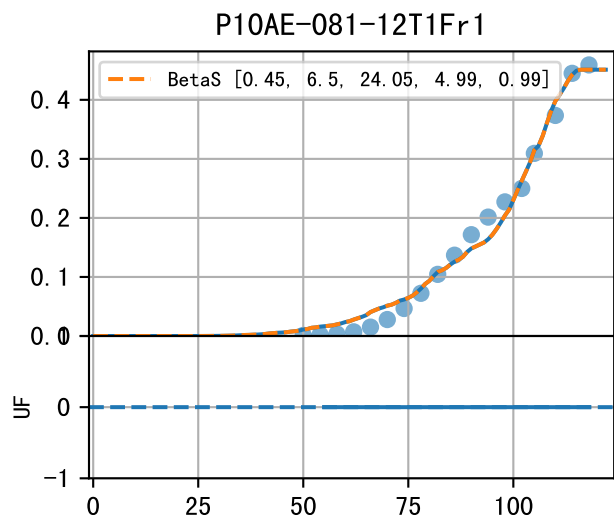


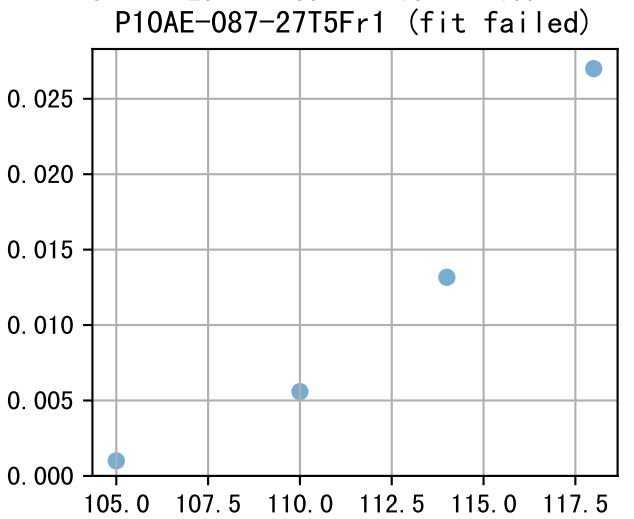
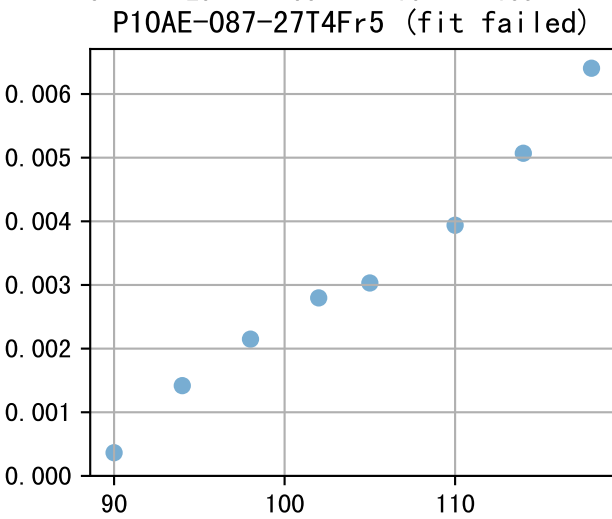
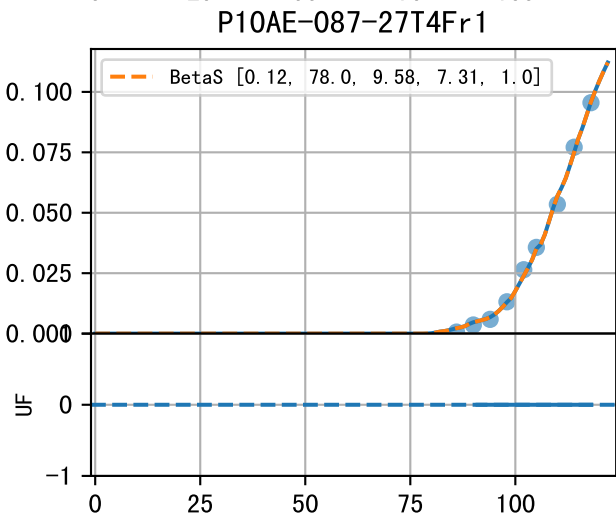
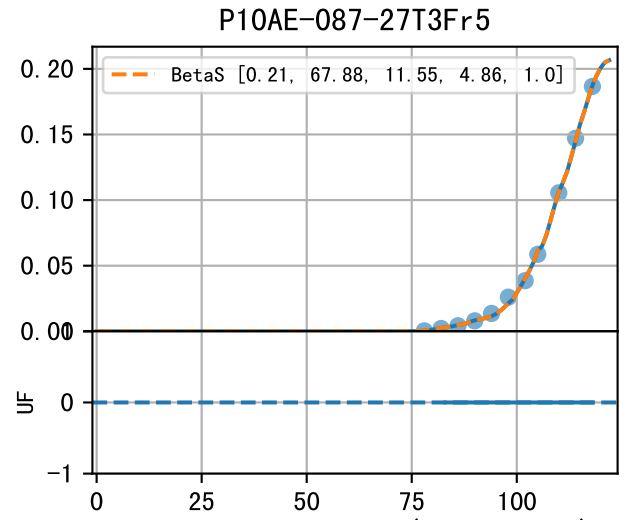
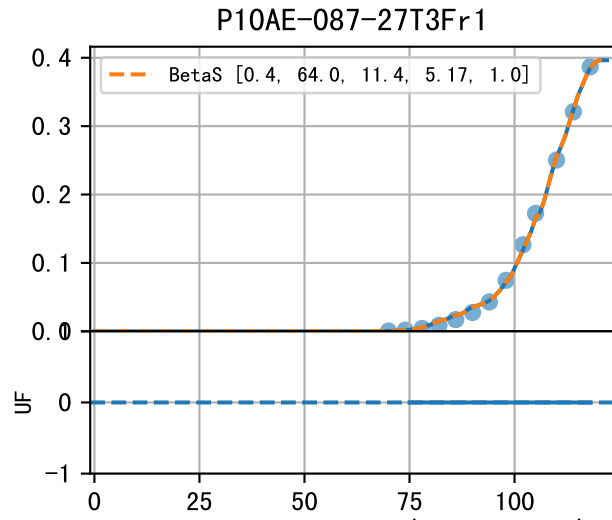
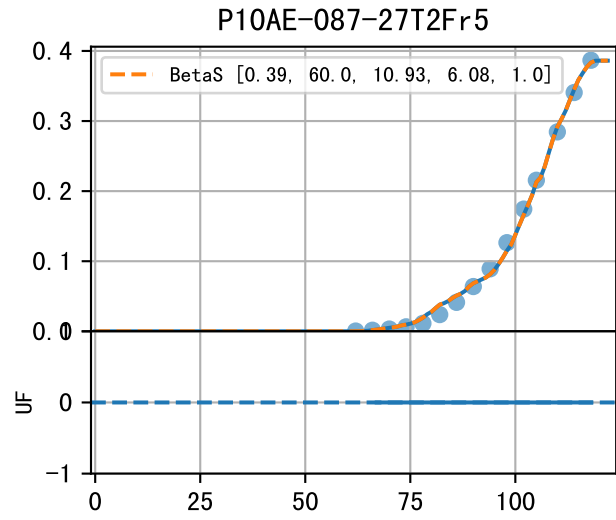
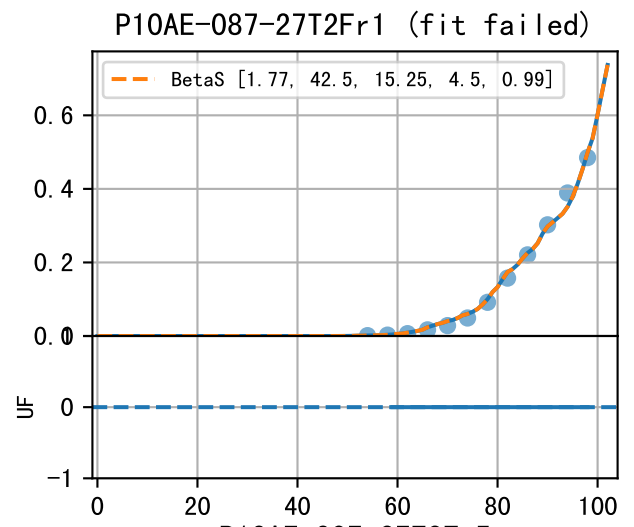
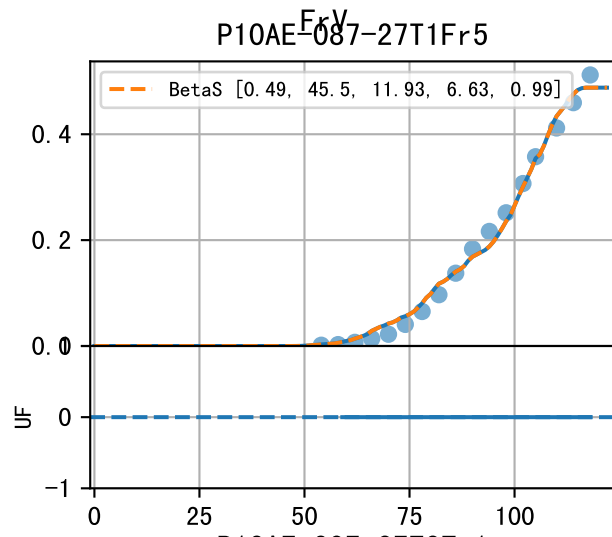
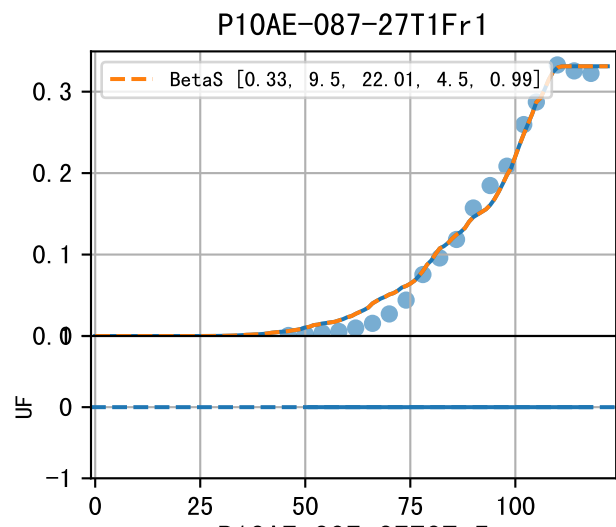
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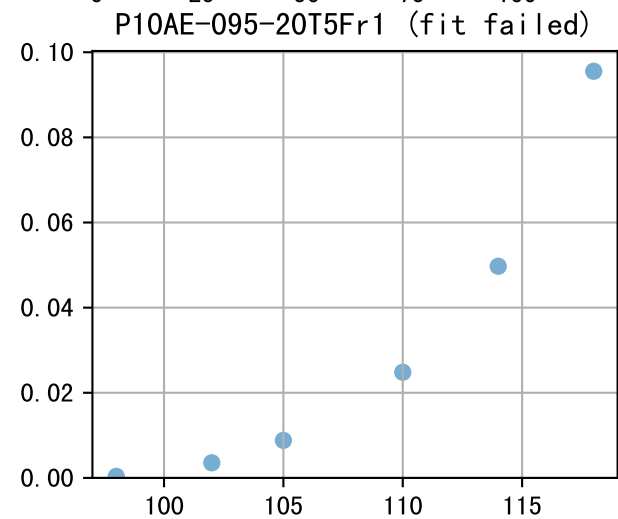
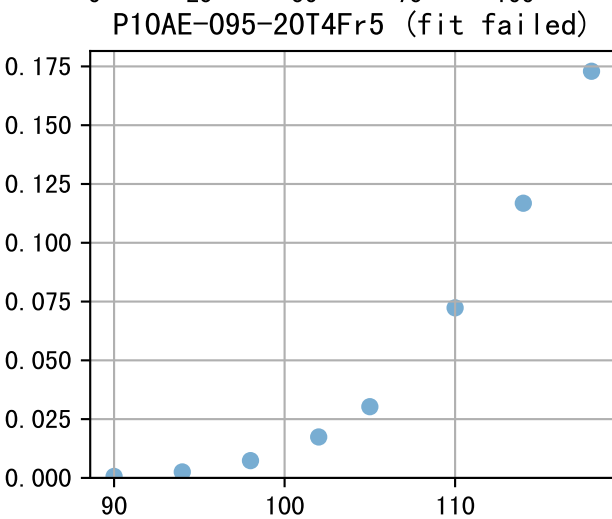
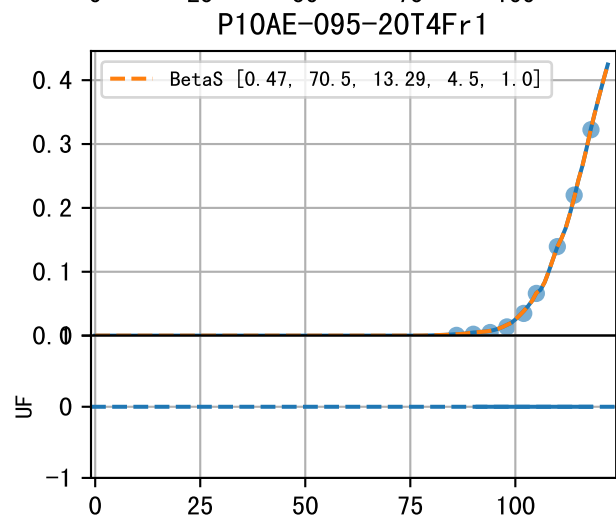
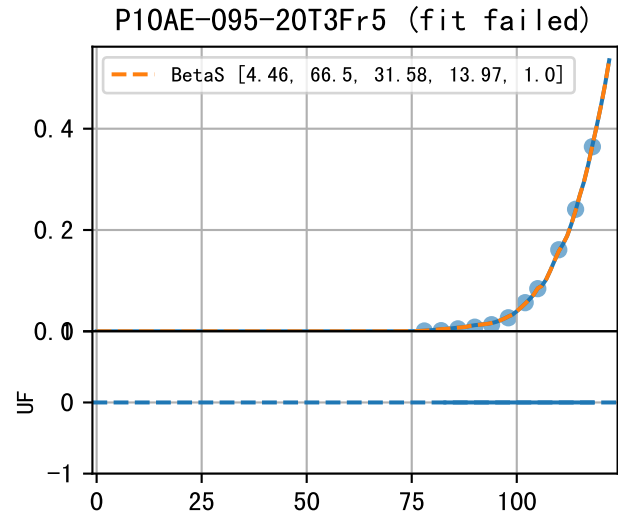
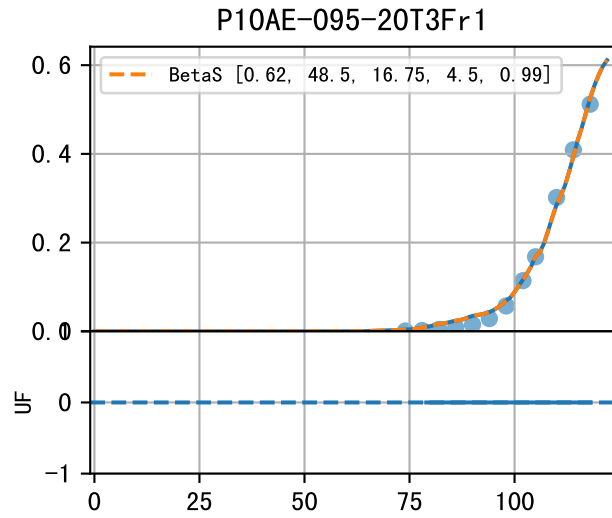
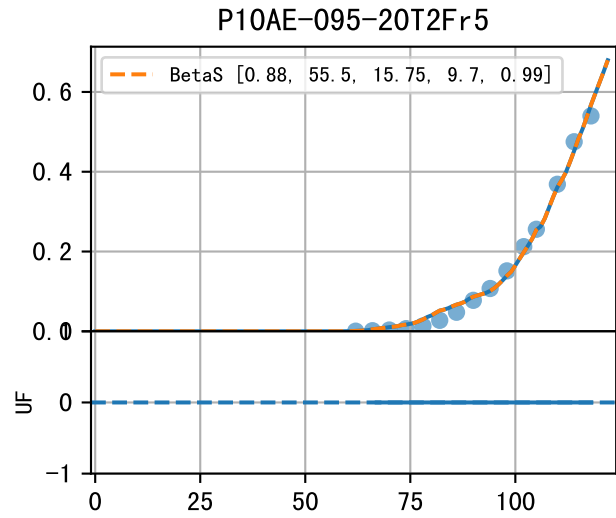
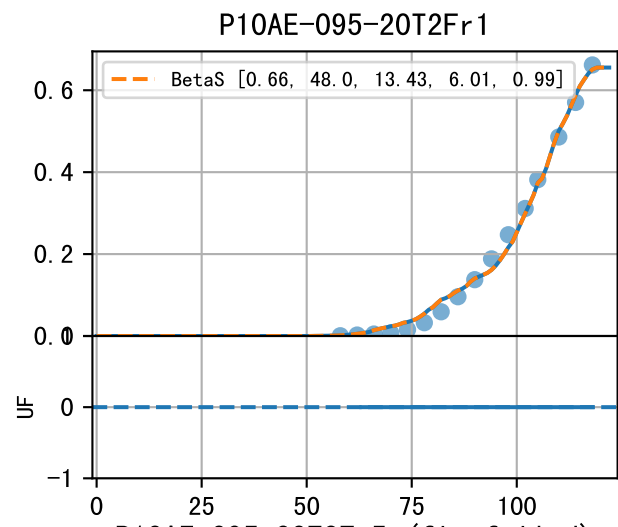
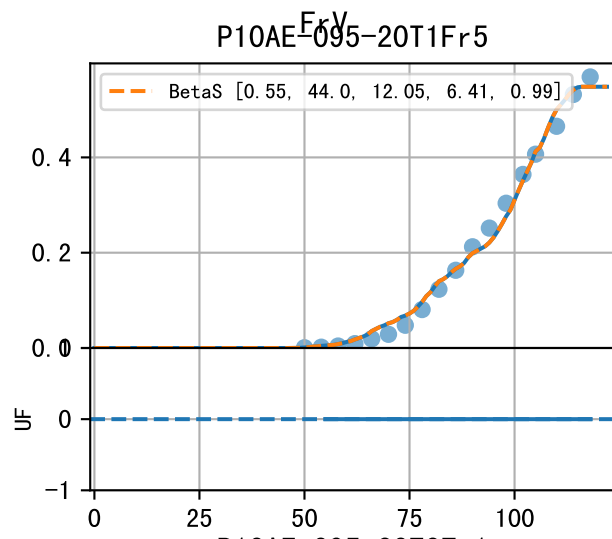
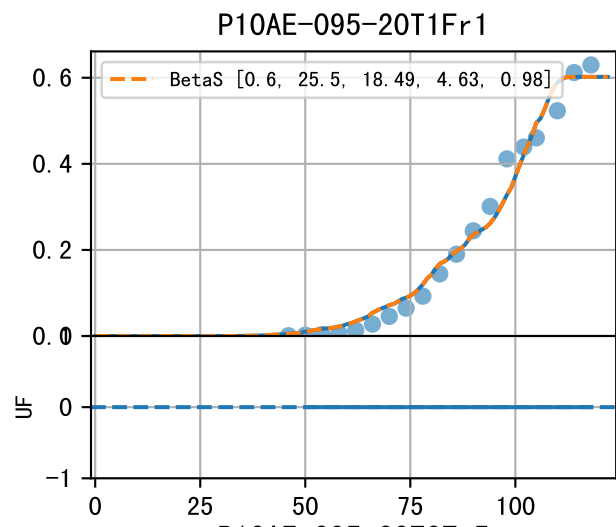
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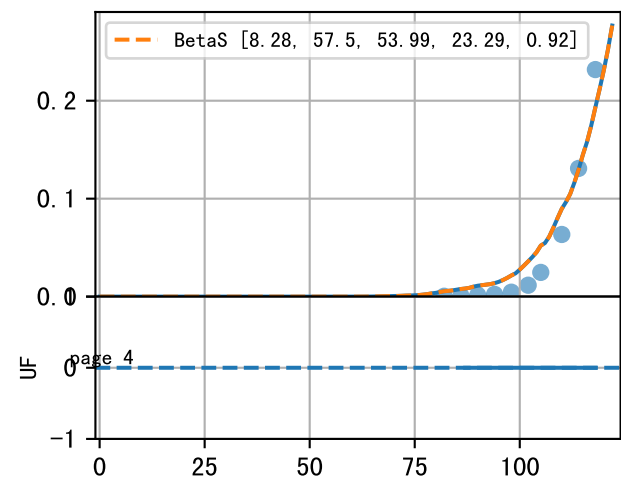
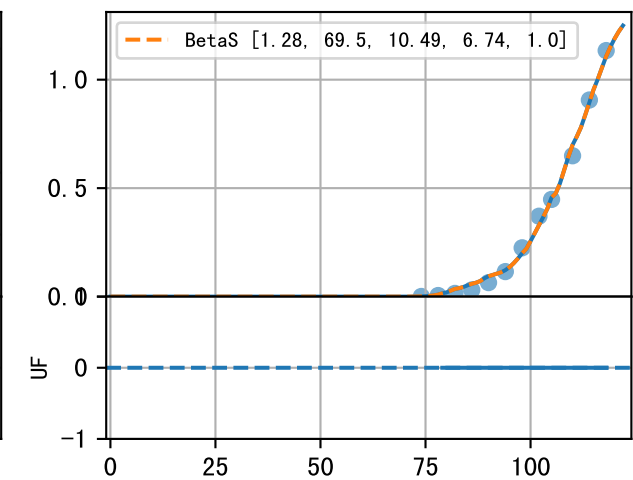
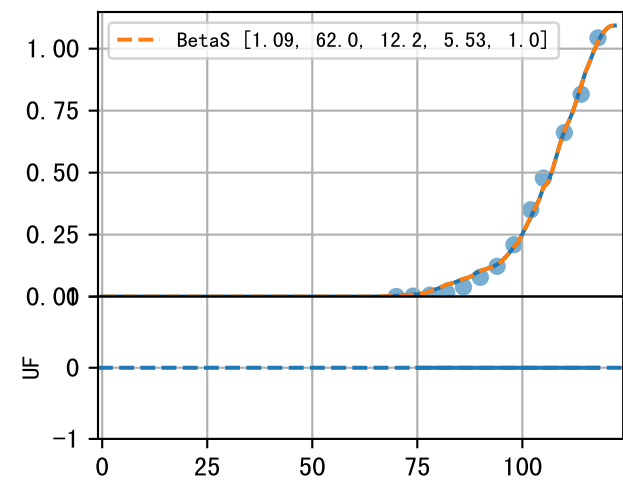
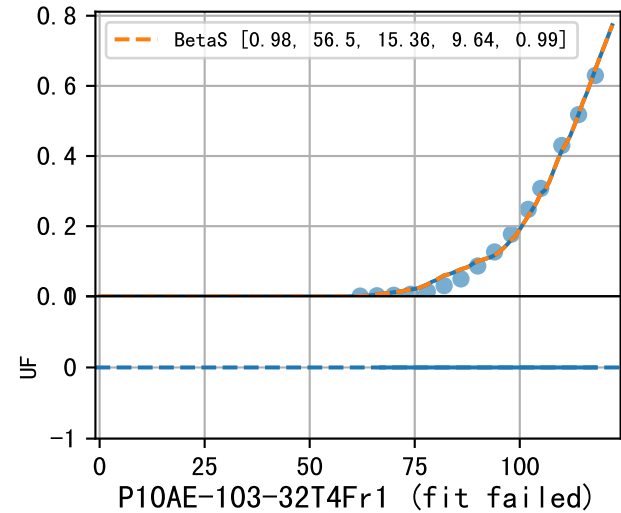
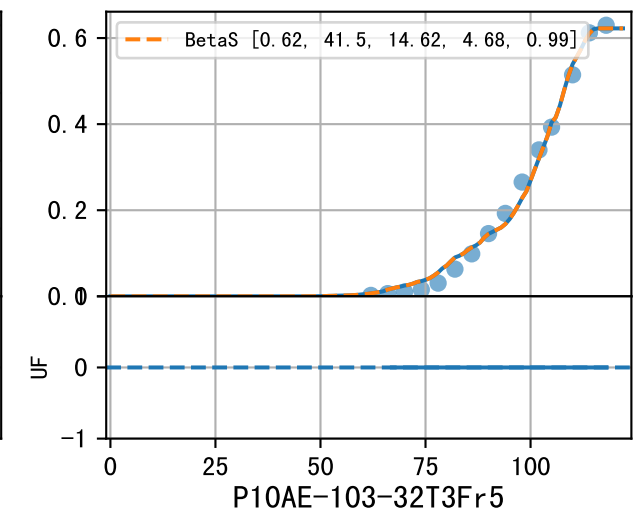
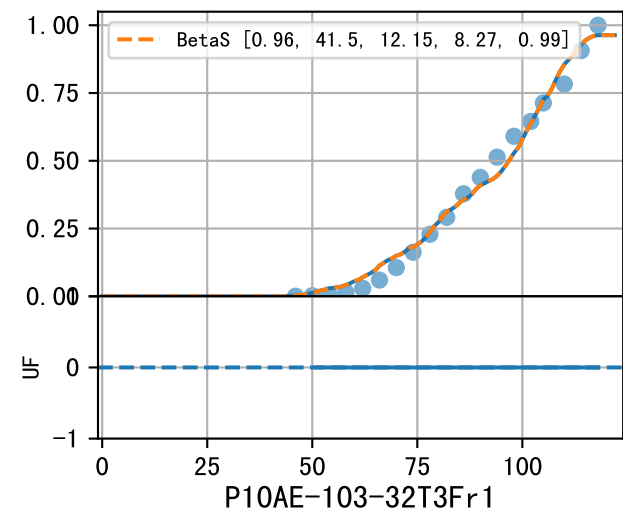
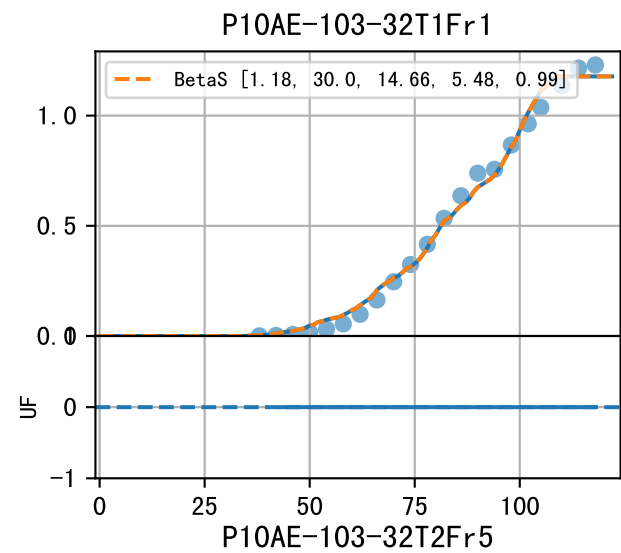
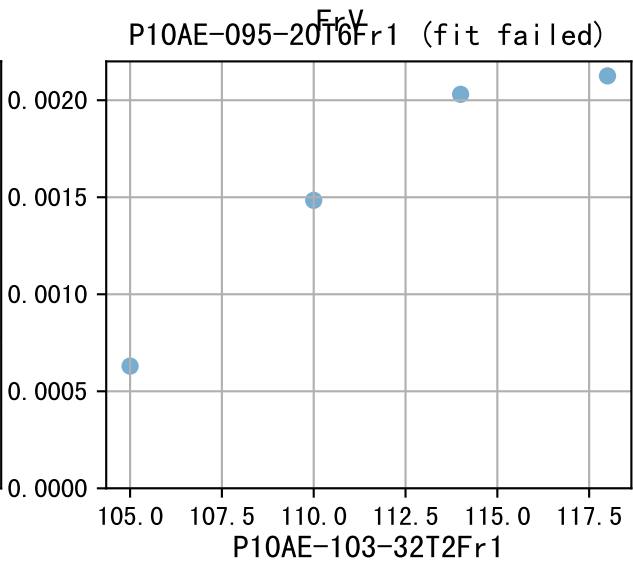
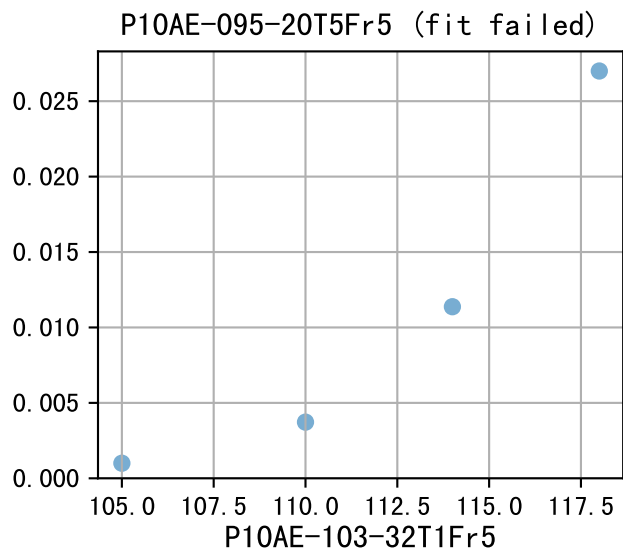


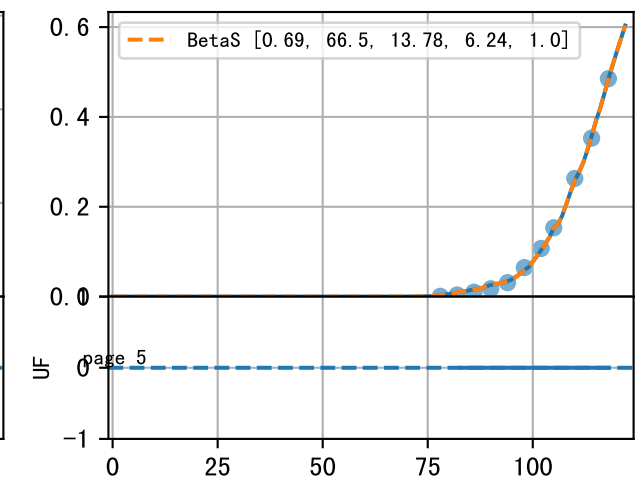
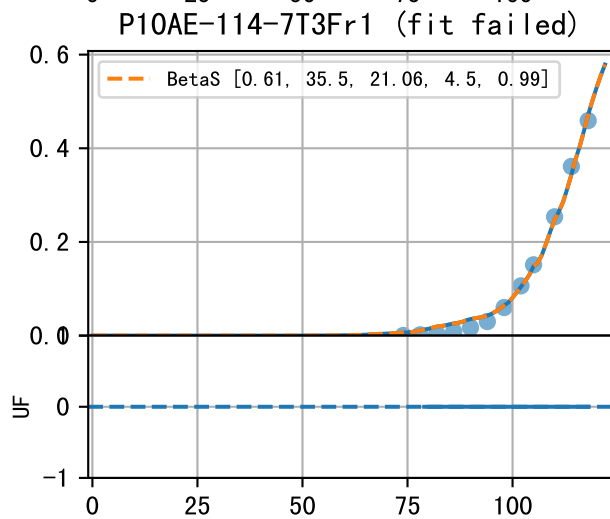
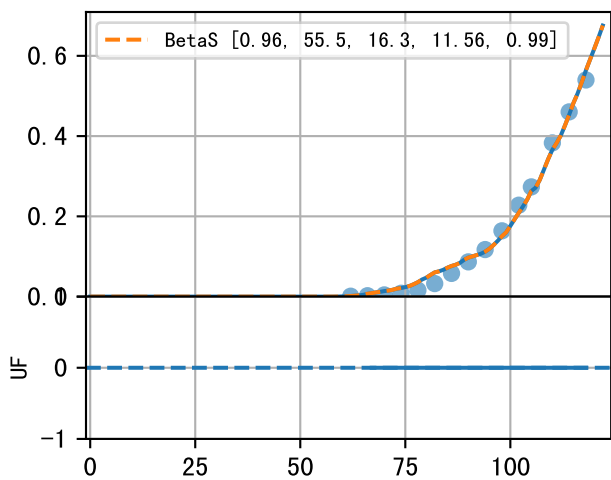
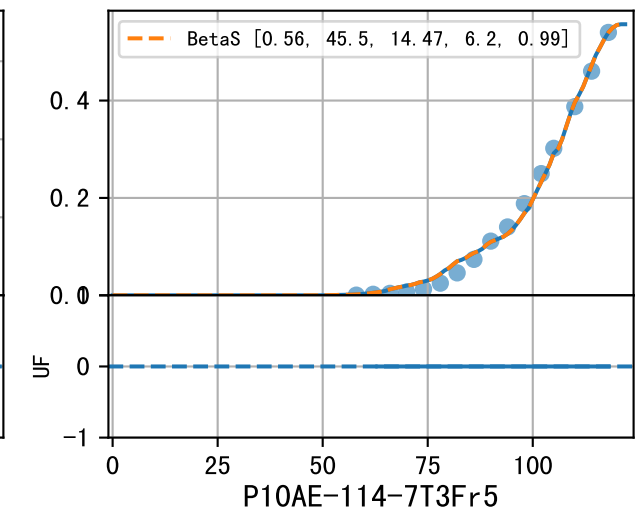
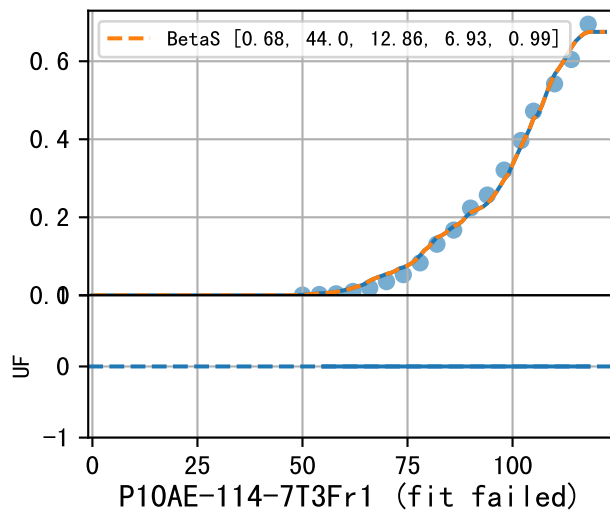
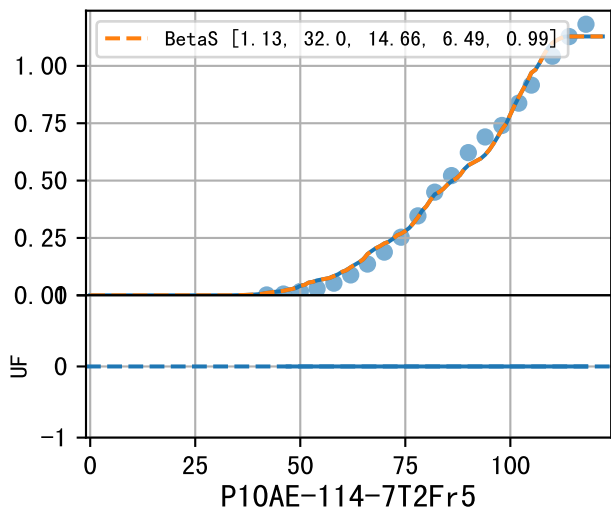
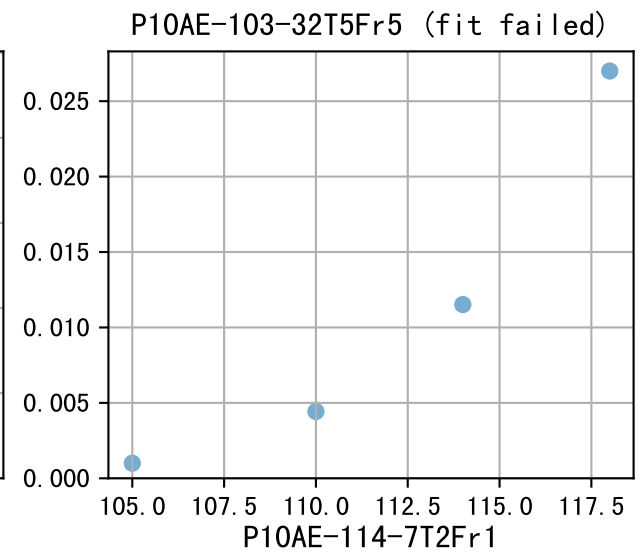
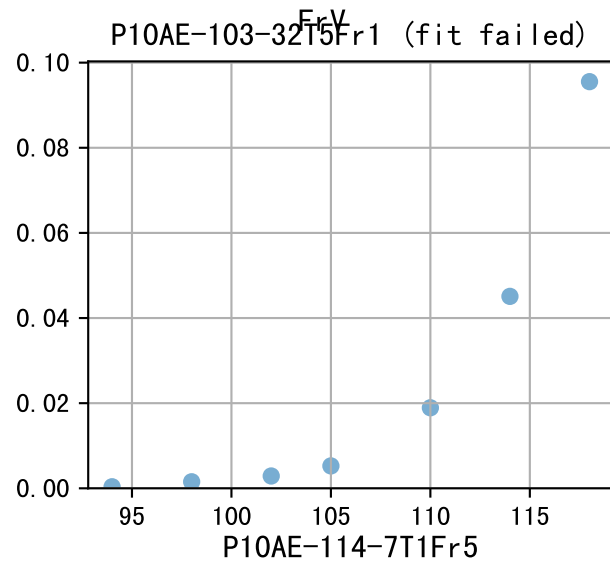
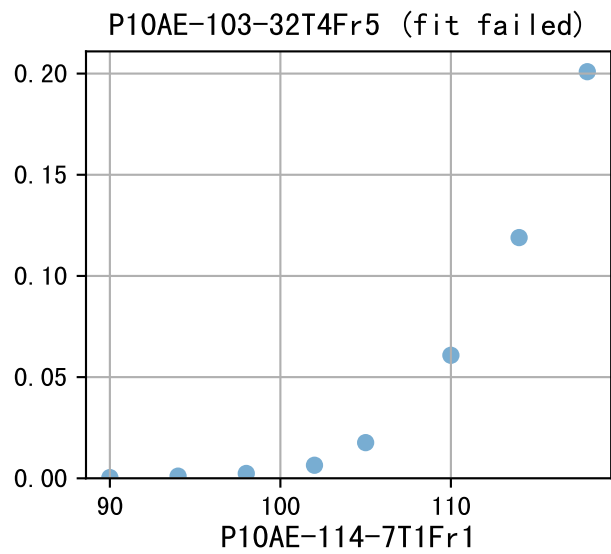


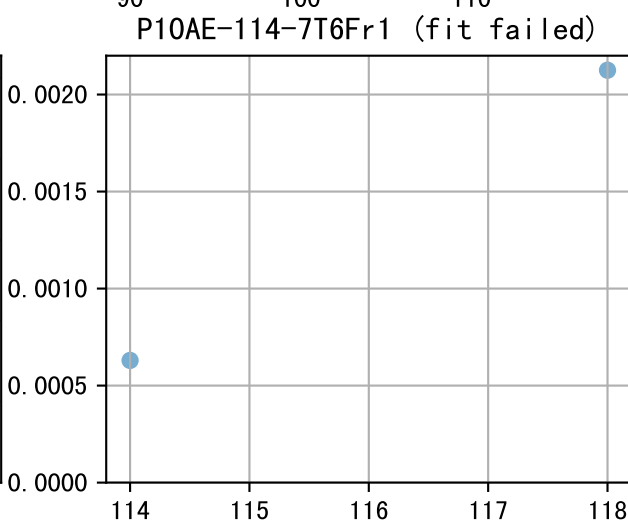
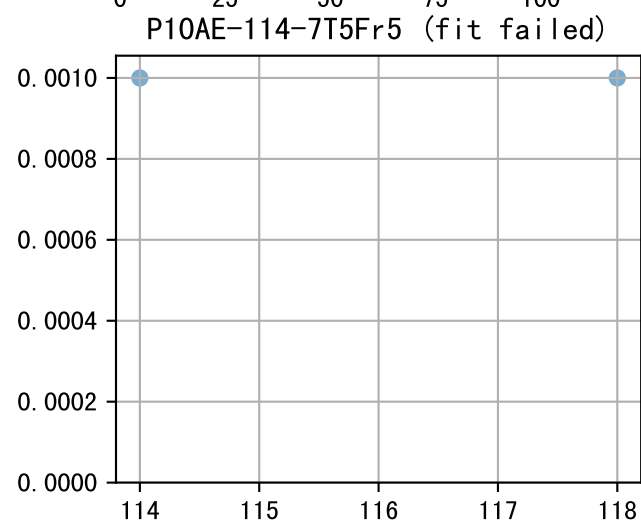
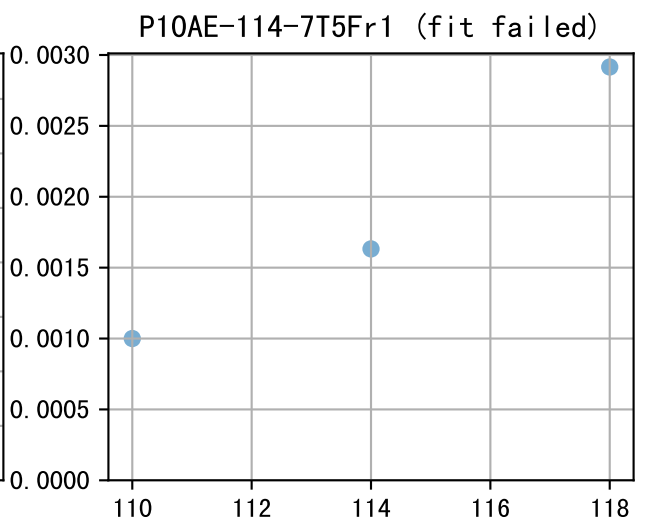
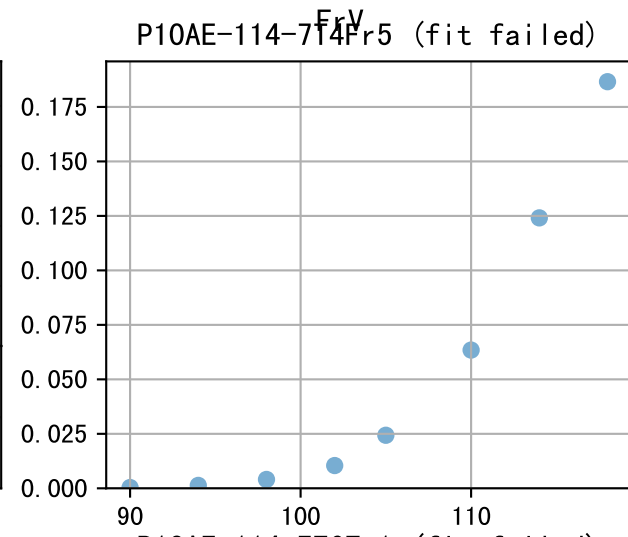
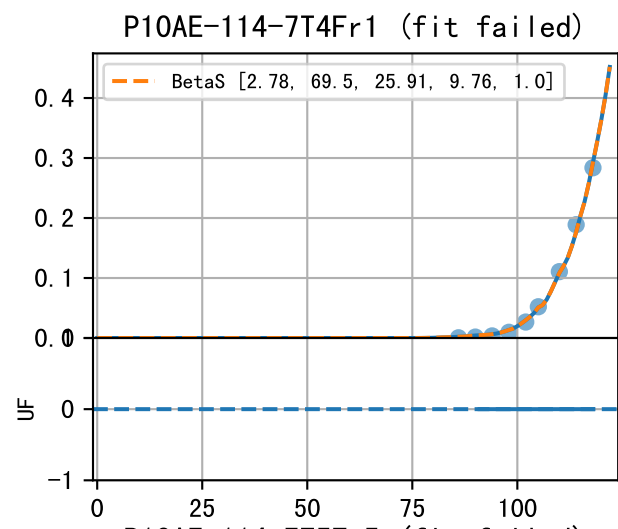


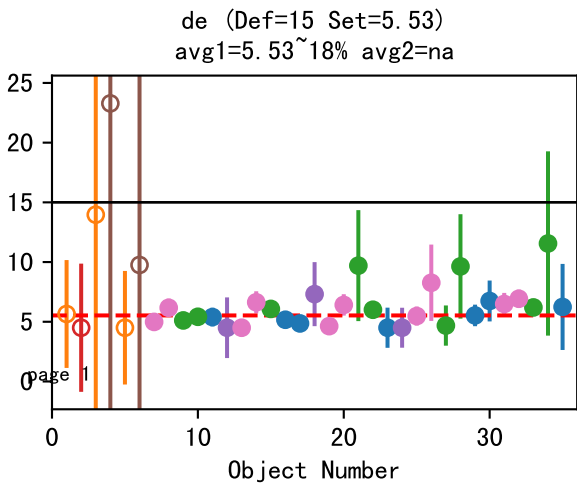
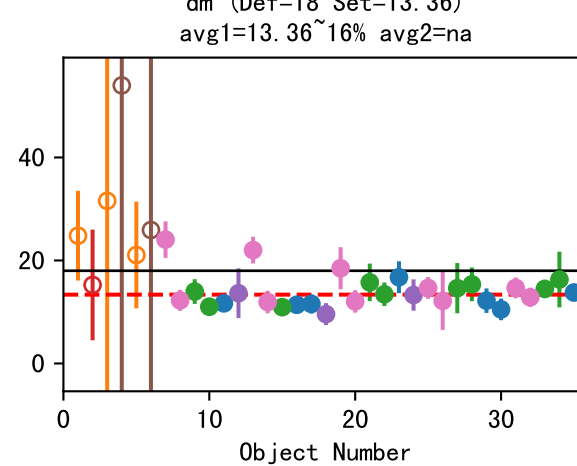
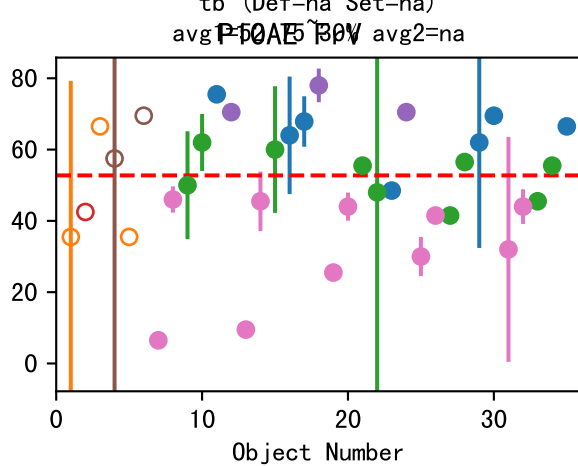
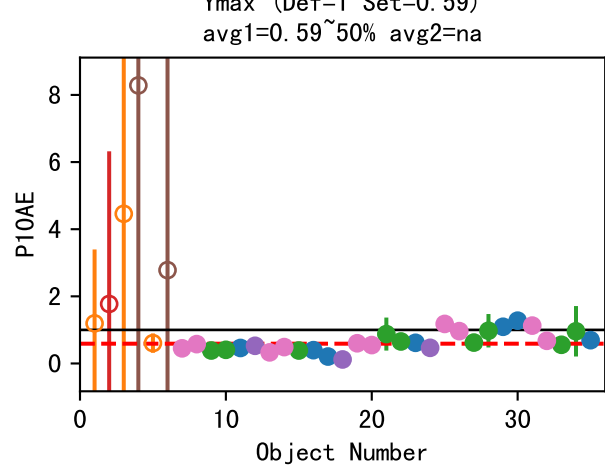




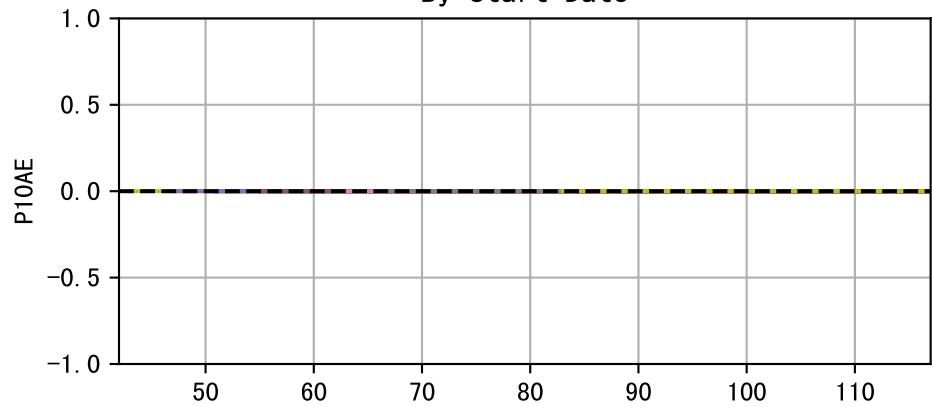




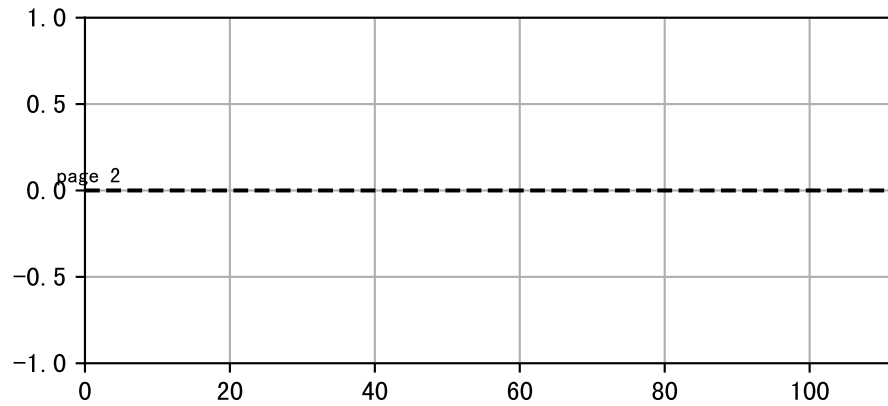
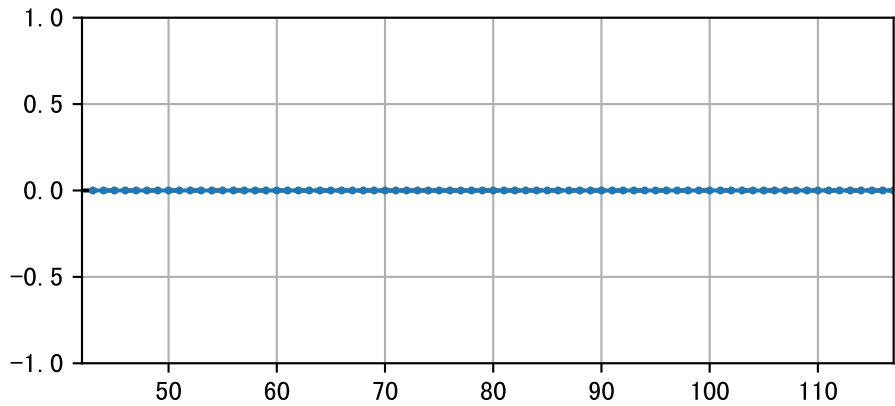
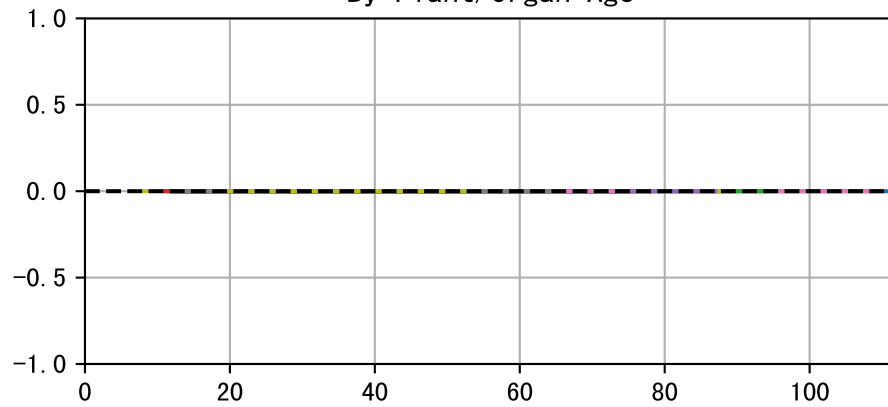


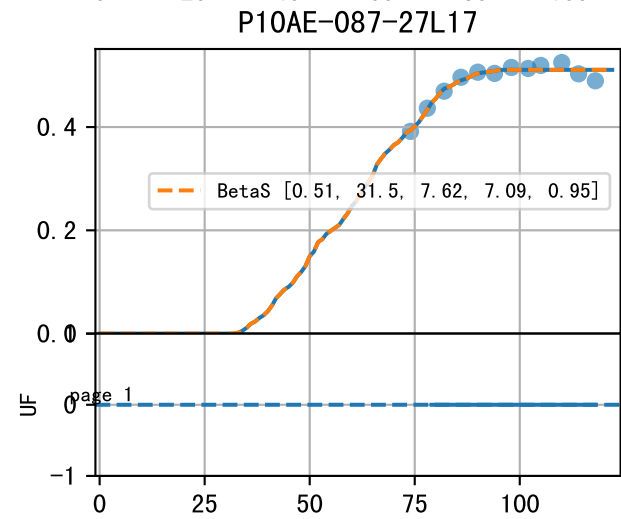
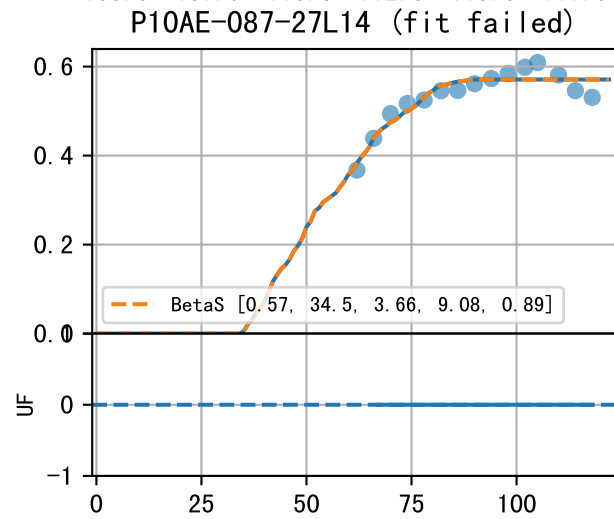
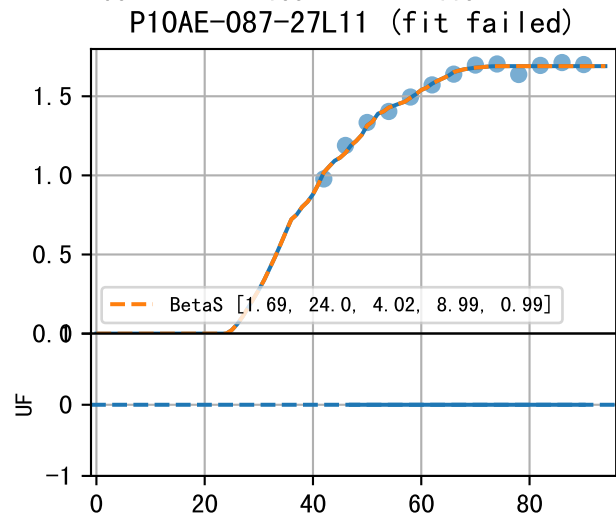
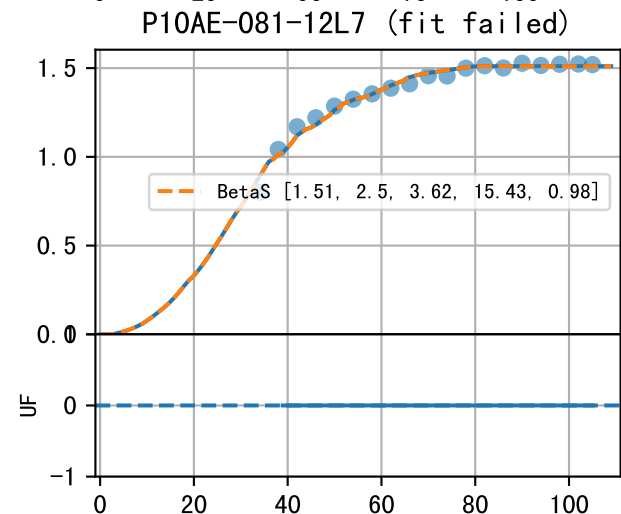
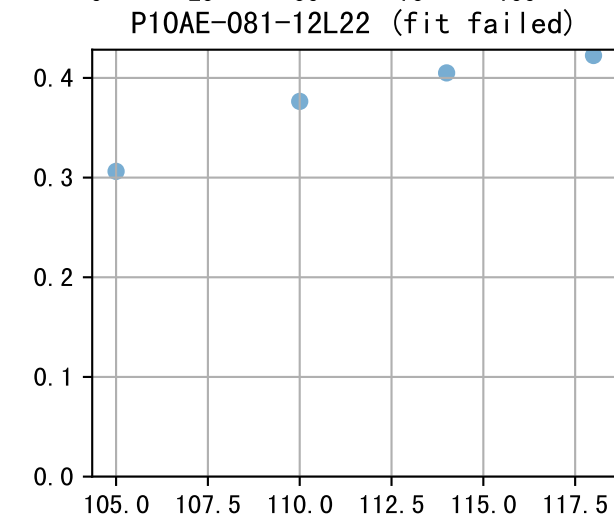
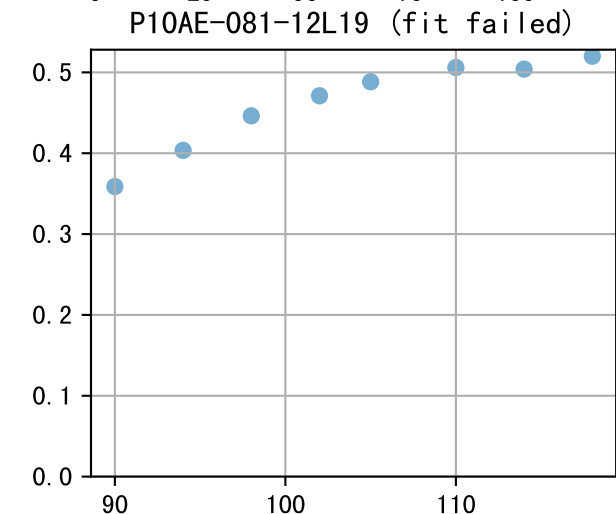
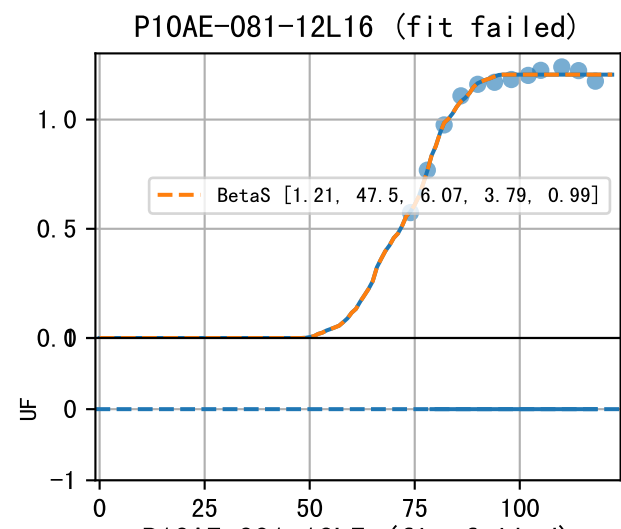
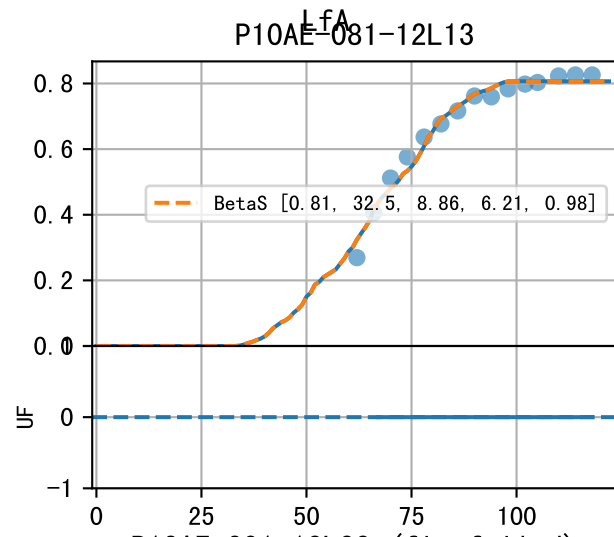
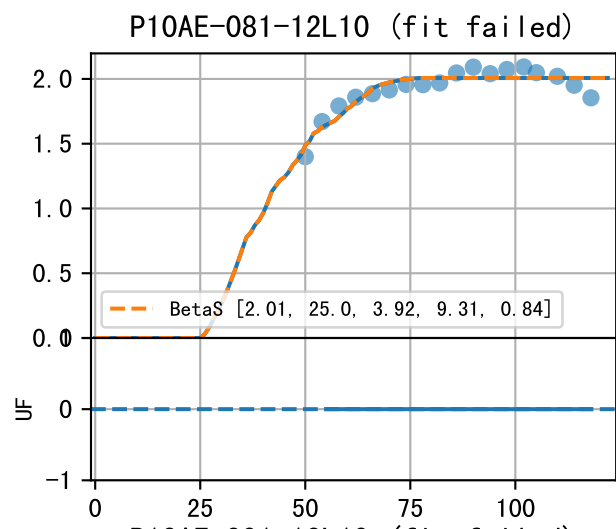


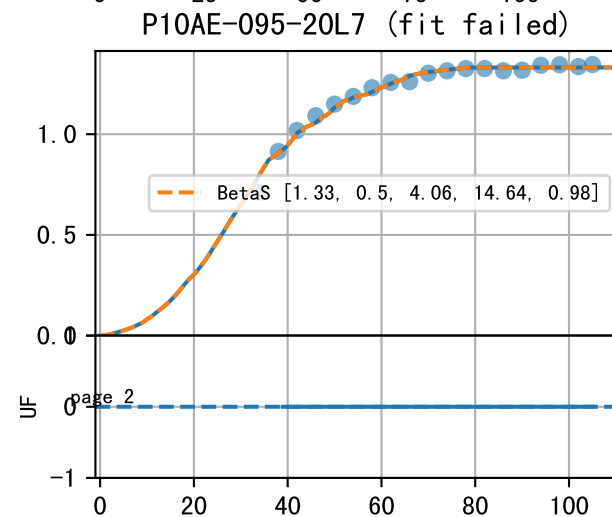
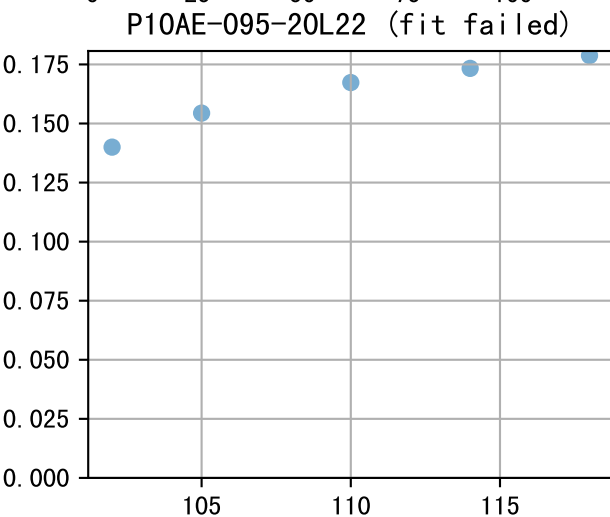
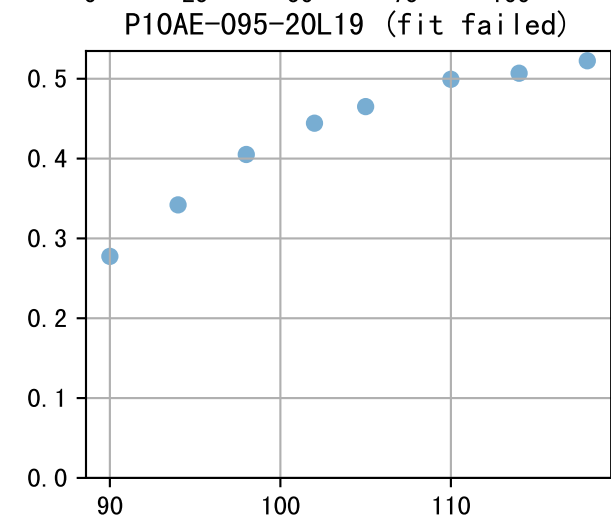
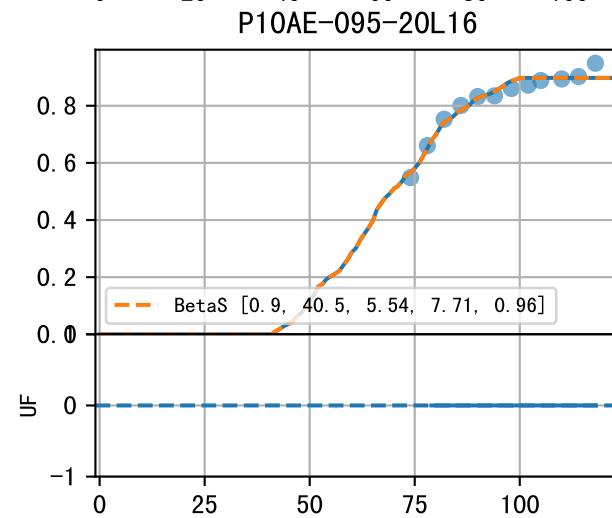
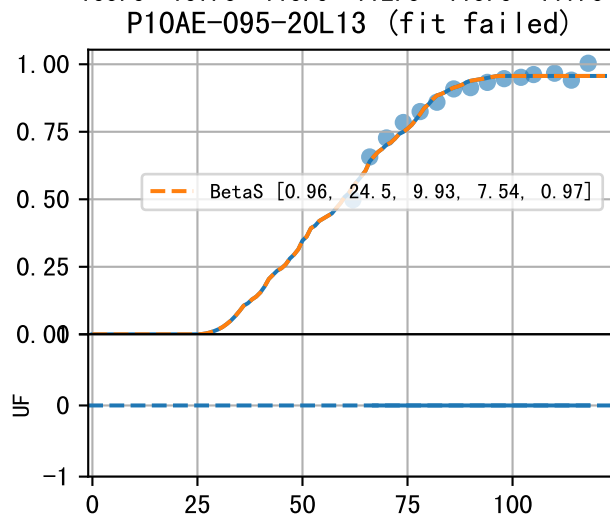
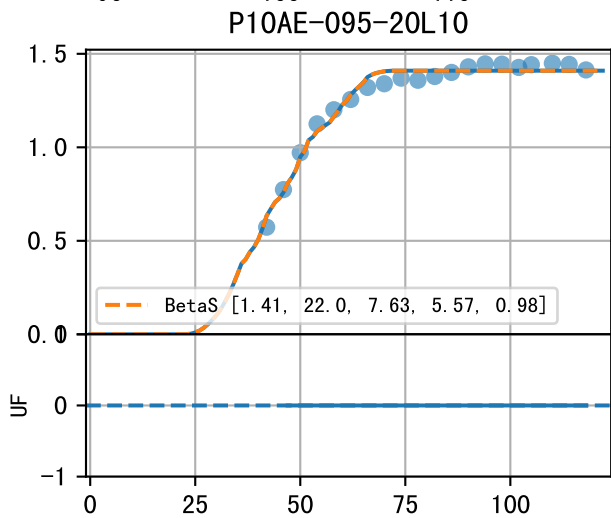
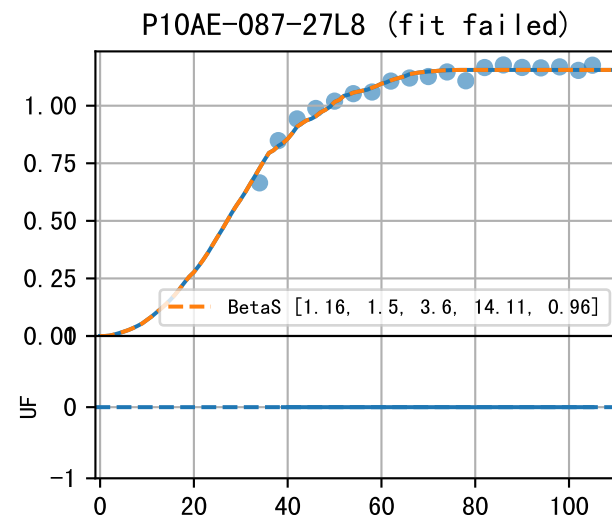
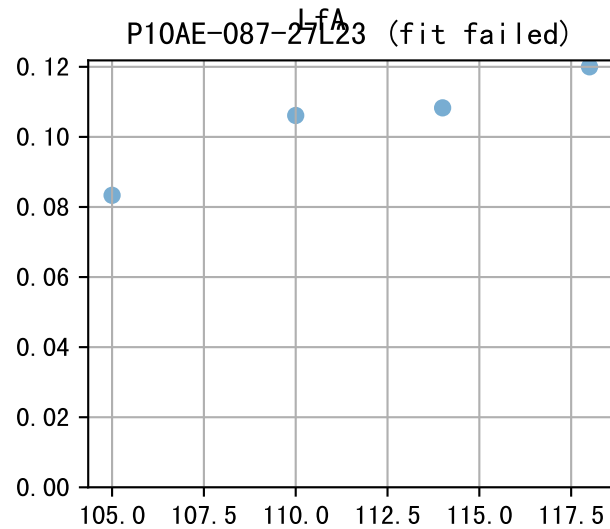
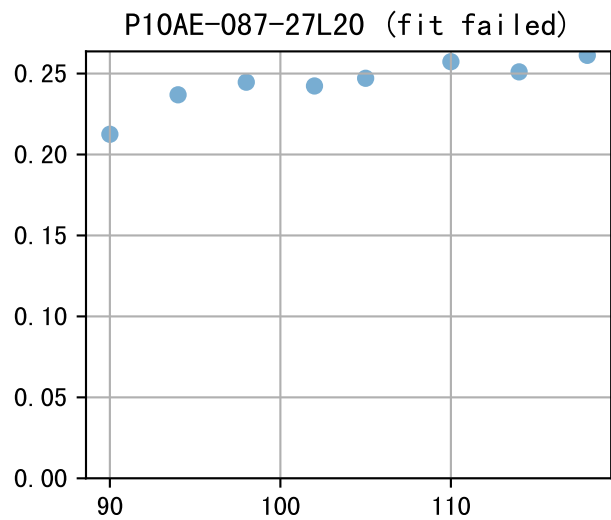
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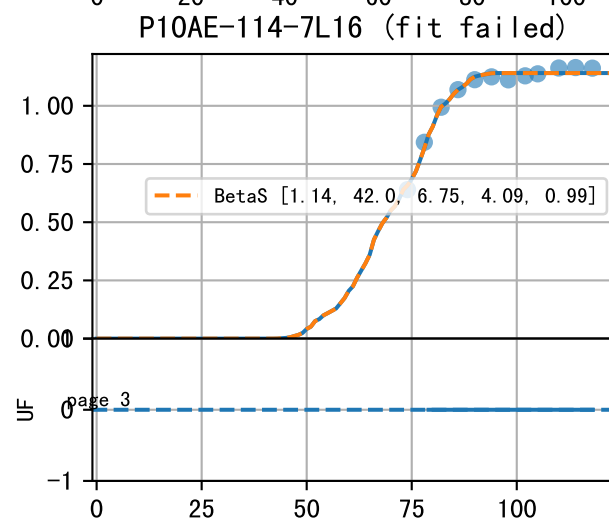
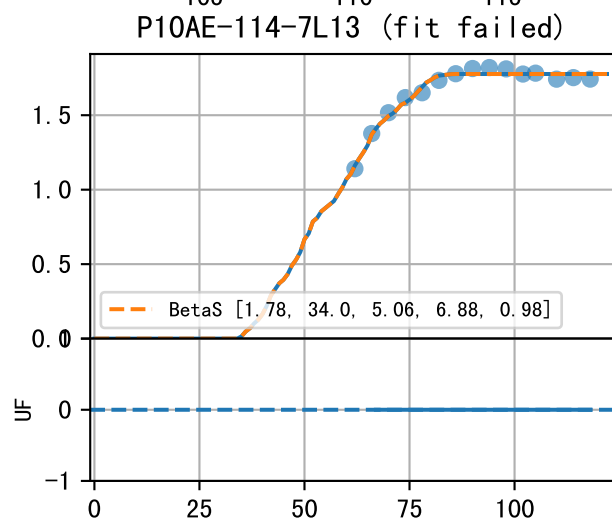
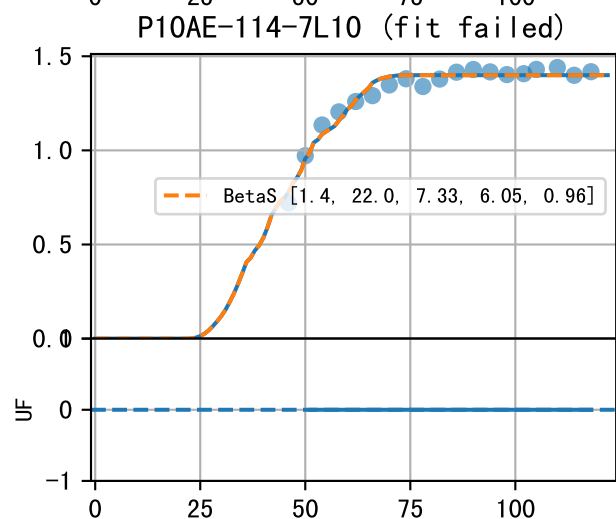
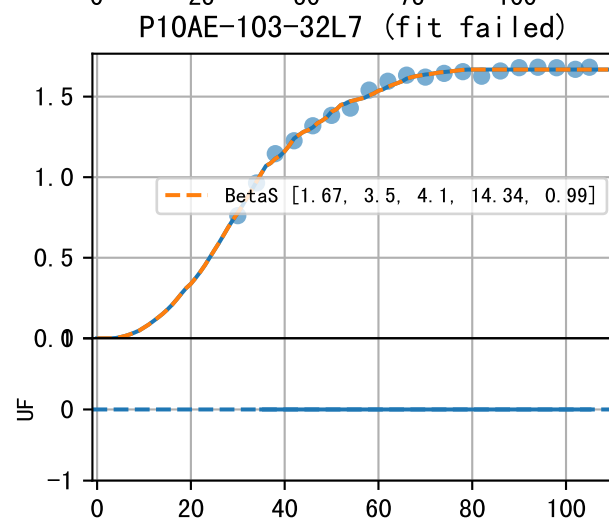
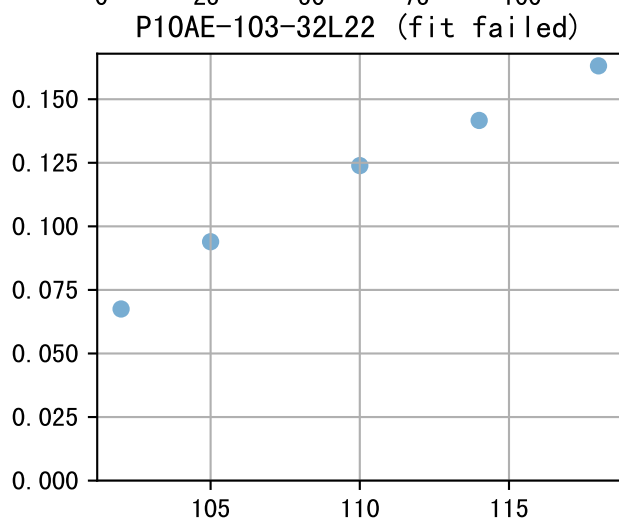
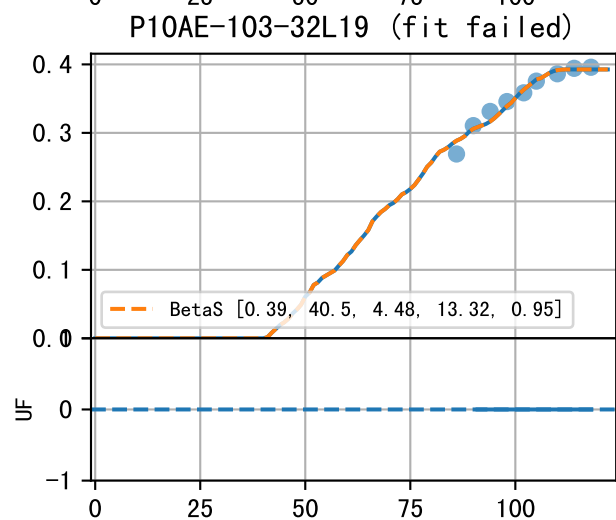
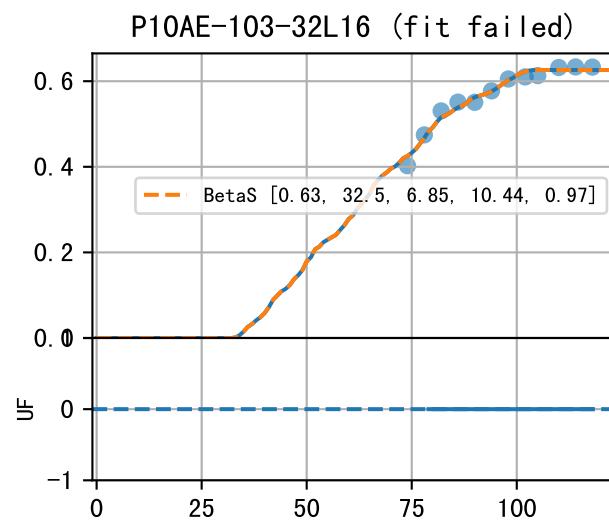
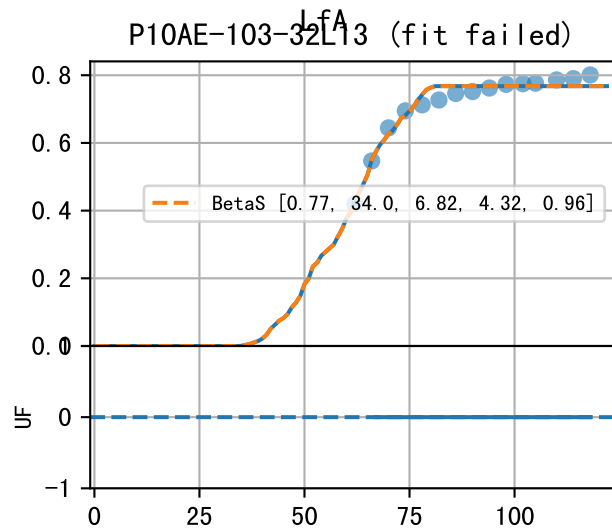
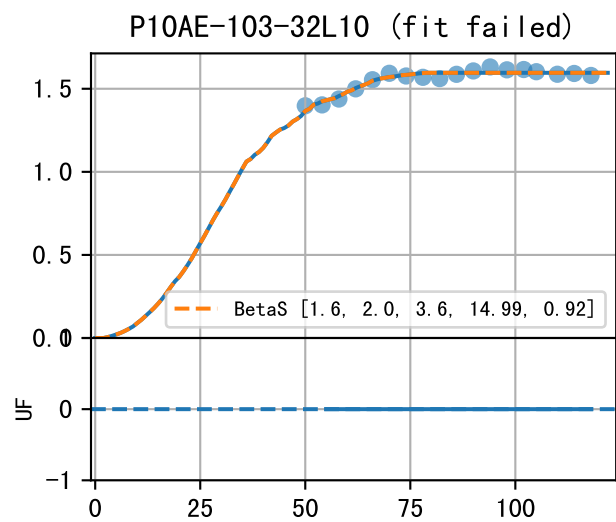


By Plant/Organ Age

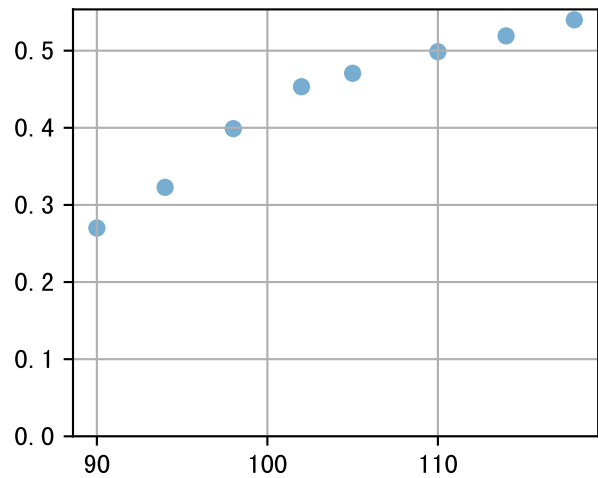




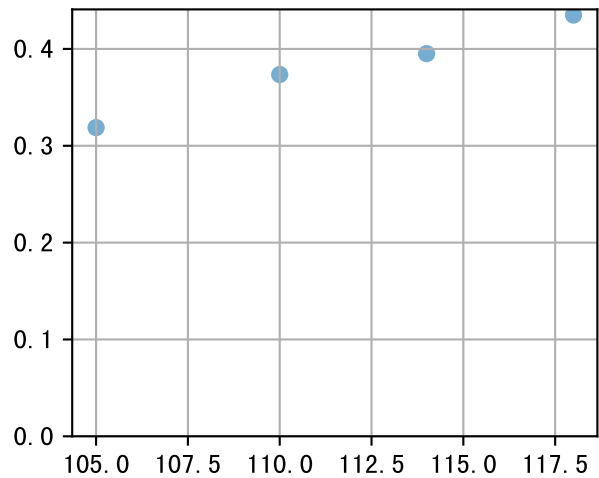




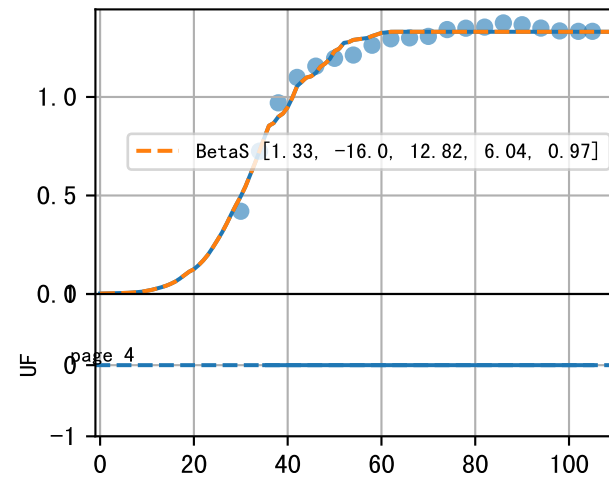
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P10AE-114-7L22 (fit failed)



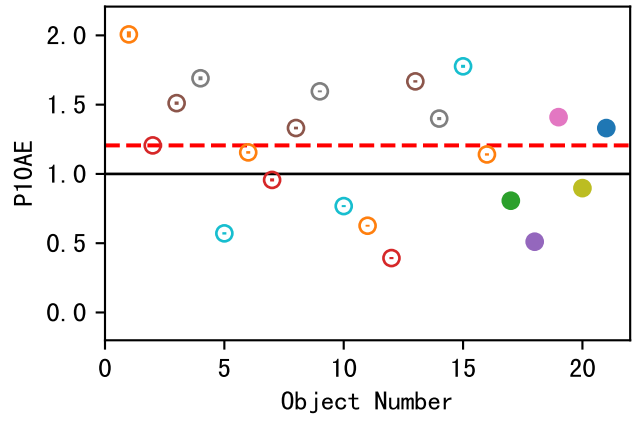
P10AE-114-7L7



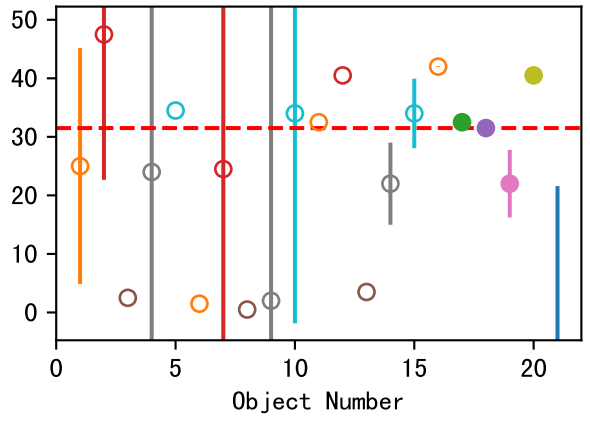
UF

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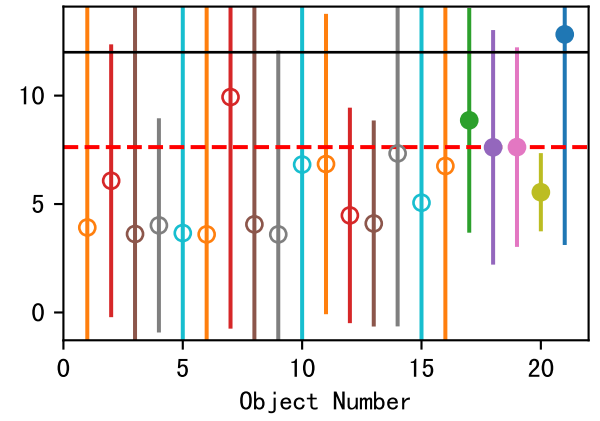
fm (Def=1 Set=1.21)  
avg1=1.21~38% avg2=na



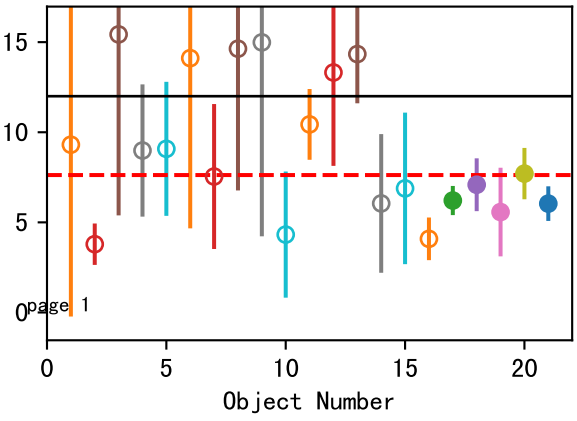
tb (Def=na Set=na)  
avg1=10.0~58% avg2=na



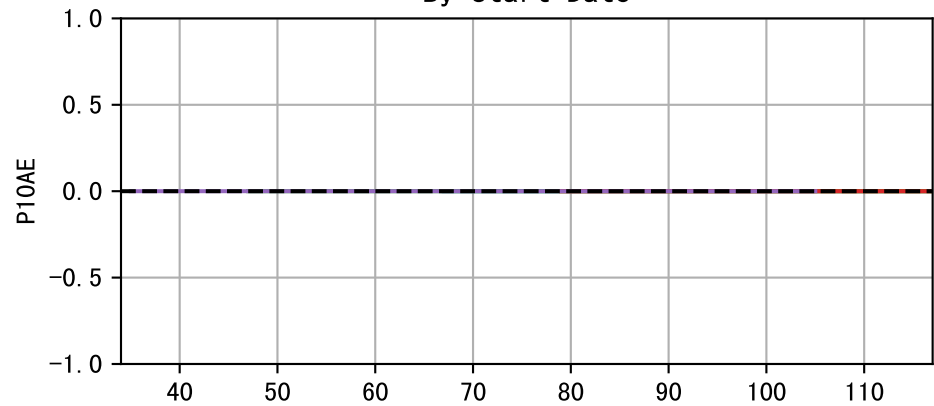
dm (Def=12 Set=12)  
avg1=7.63~9% avg2=na



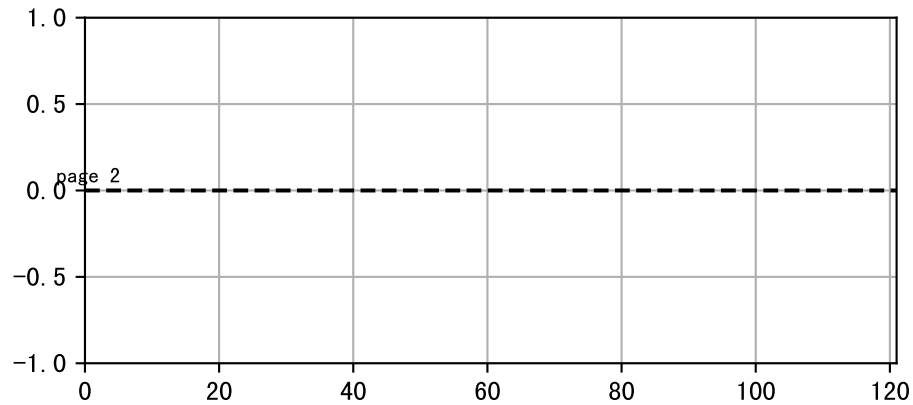
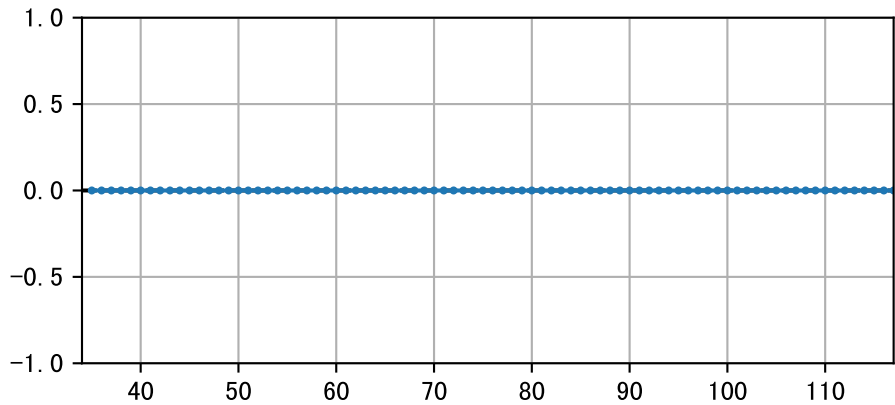
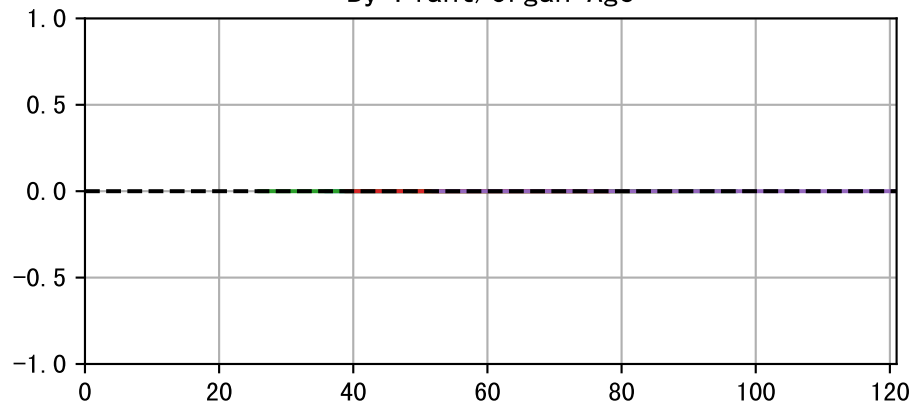
de (Def=12 Set=7.62)  
avg1=7.62~53% avg2=na

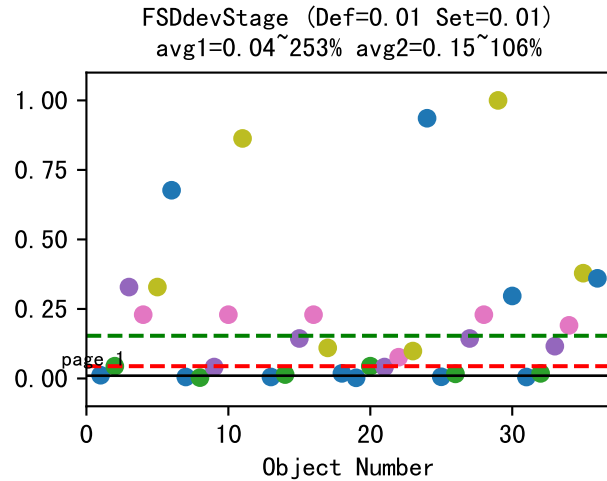
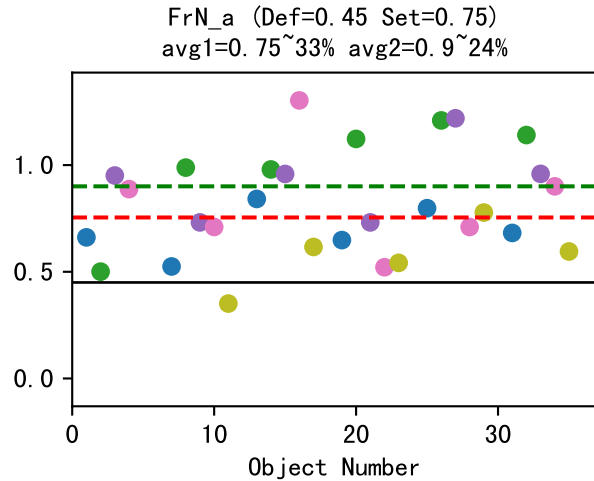
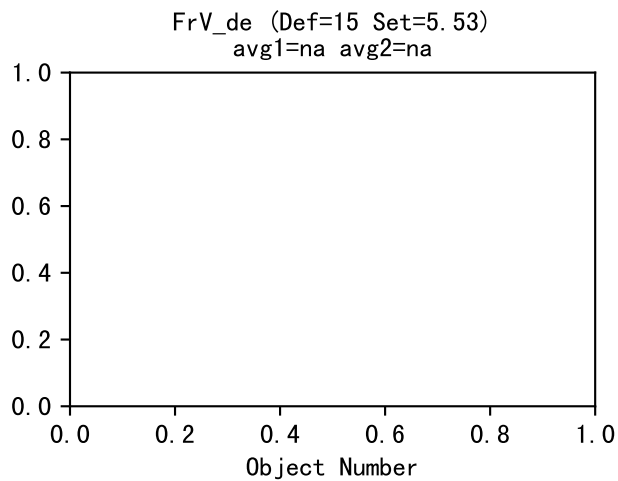
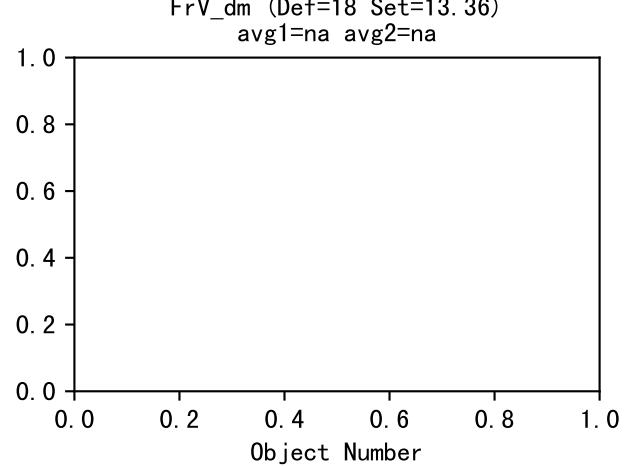
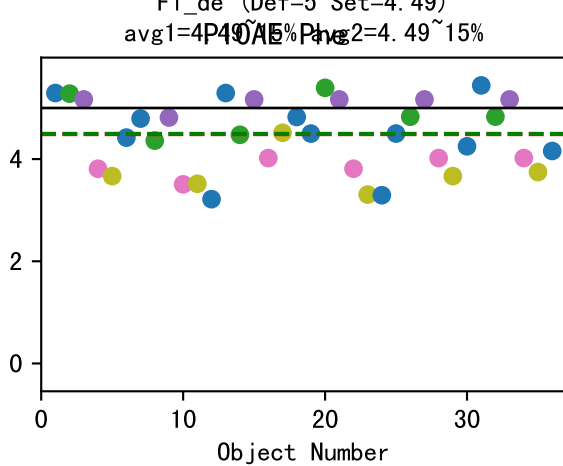
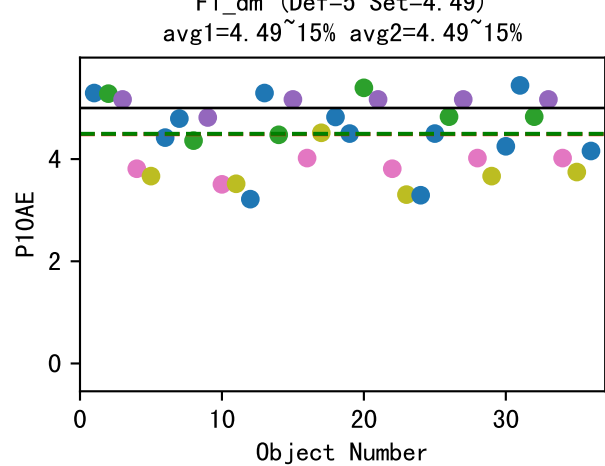


By Start Date

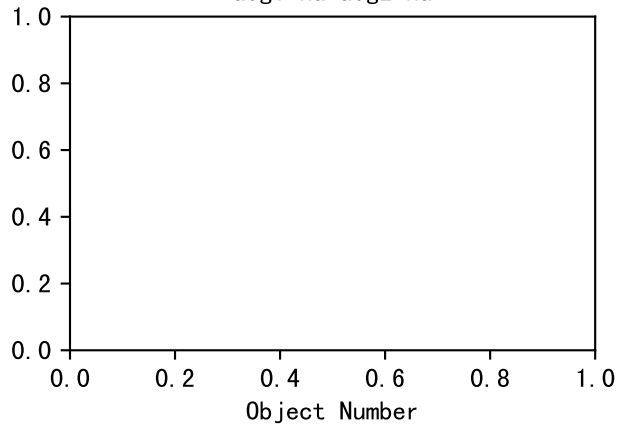


By Plant/Organ Age

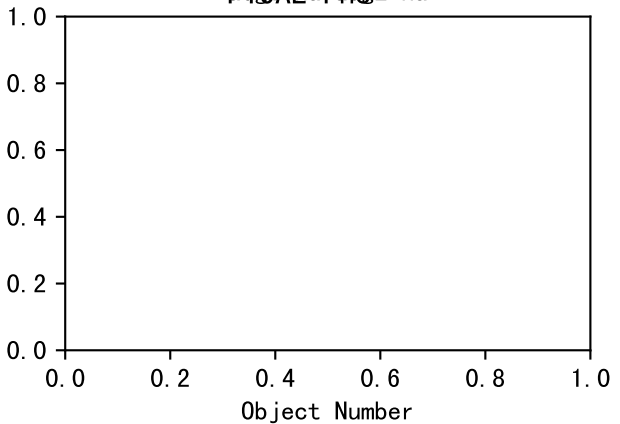




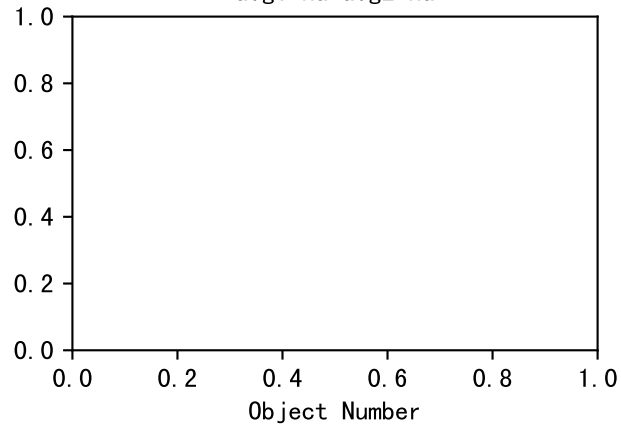
FGDdevStage (Def=0.7 Set=0.7)  
avg1=na avg2=na



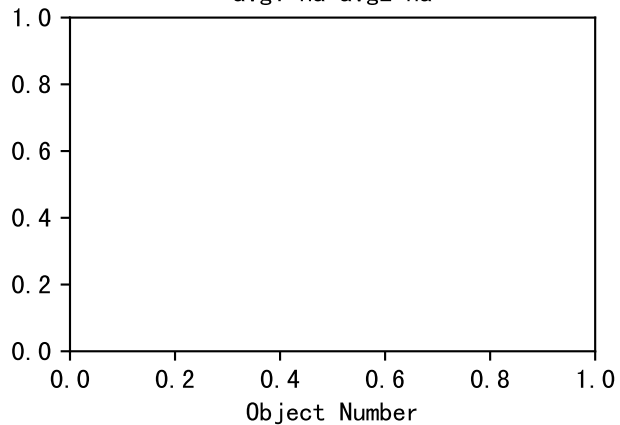
FMBDdevStage (Def=1.3 Set=1.3)  
avg1=na avg2=na



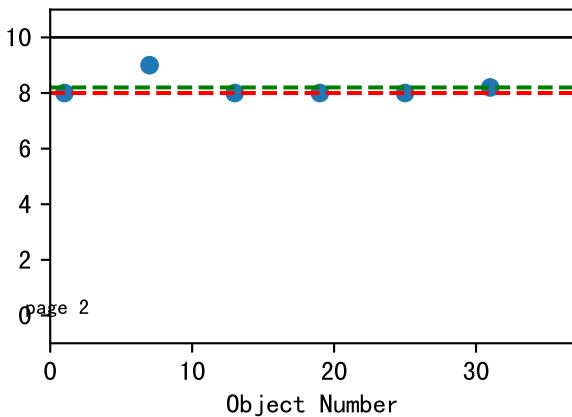
FMEDdevStage (Def=1.8 Set=1.8)  
avg1=na avg2=na



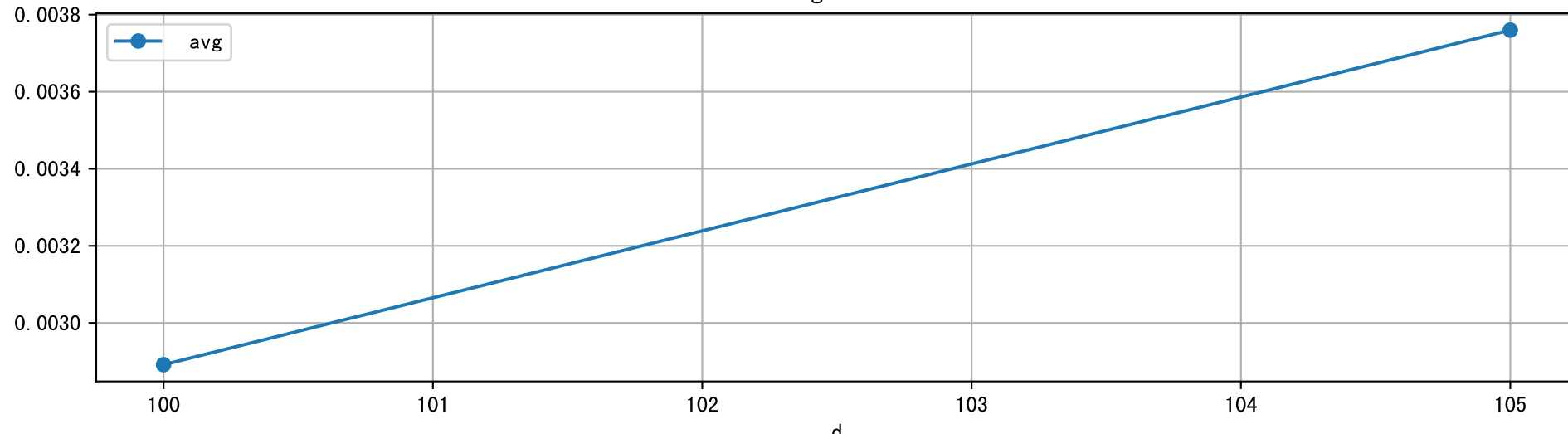
FHDdevStage (Def=1.5 Set=1.5)  
avg1=na avg2=na



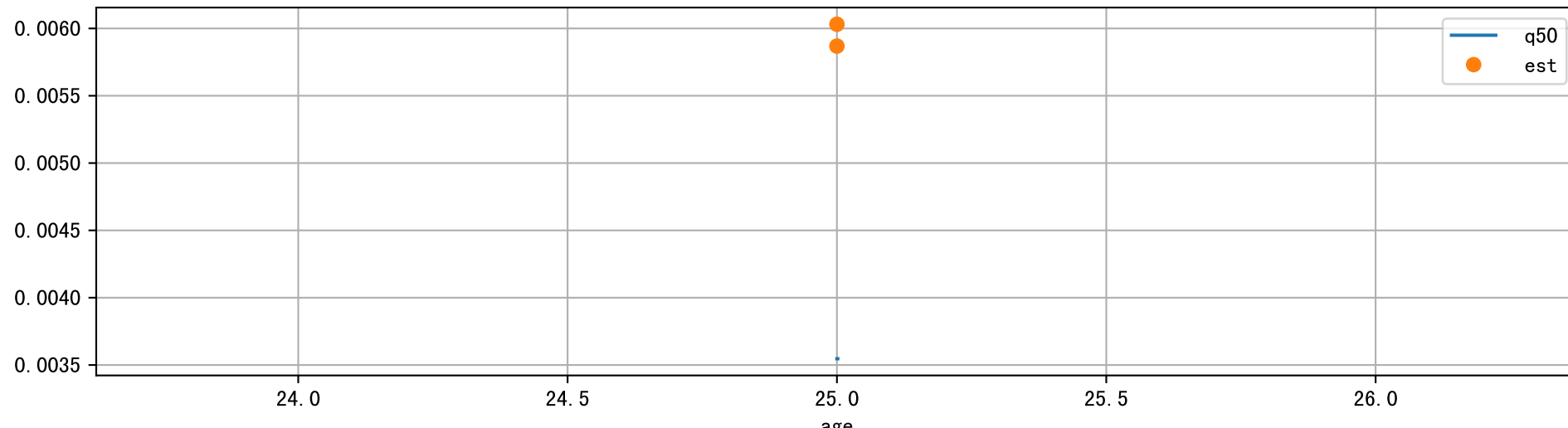
NNgen (Def=10 Set=8)  
avg1=8.0~0% avg2=8.2



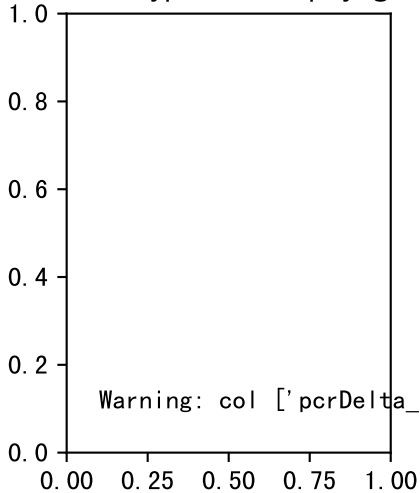
LfA: avg vs. d at each age group  
age=25



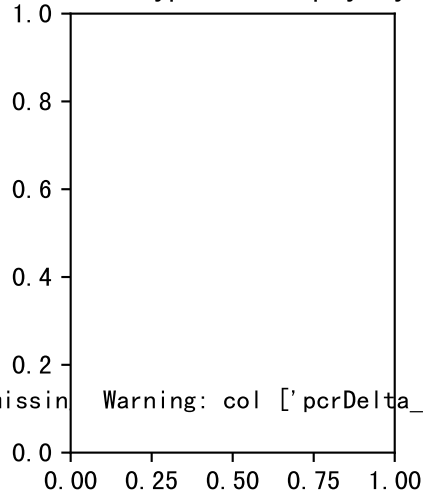
LfA: model est vs obs0v@Q50



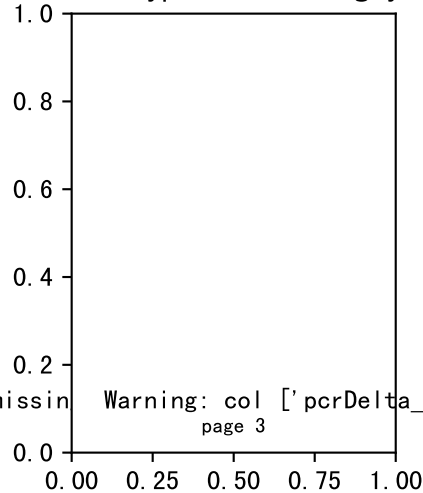
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

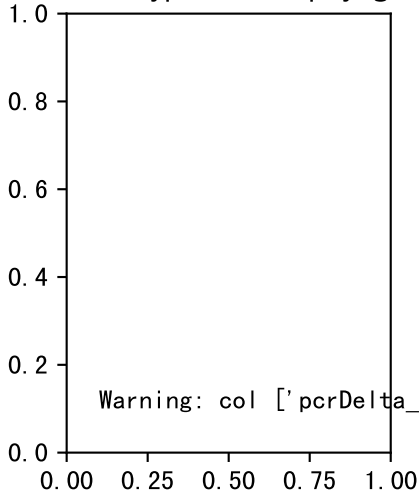


DeltaTypeAbbr=WeiAvgByD

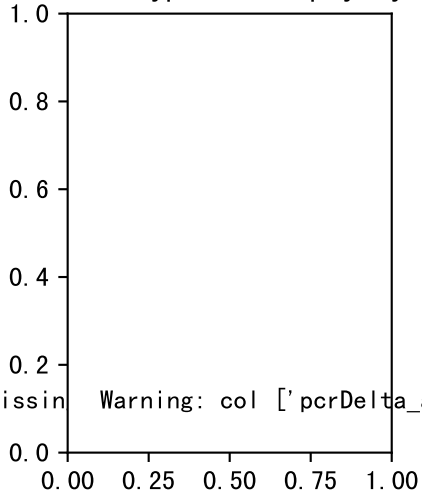


P10AE LfA: D\_15d\_LfA

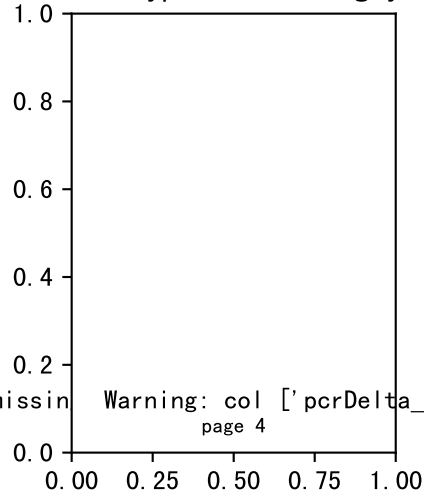
DeltaTypeAbbr=GrpByAge



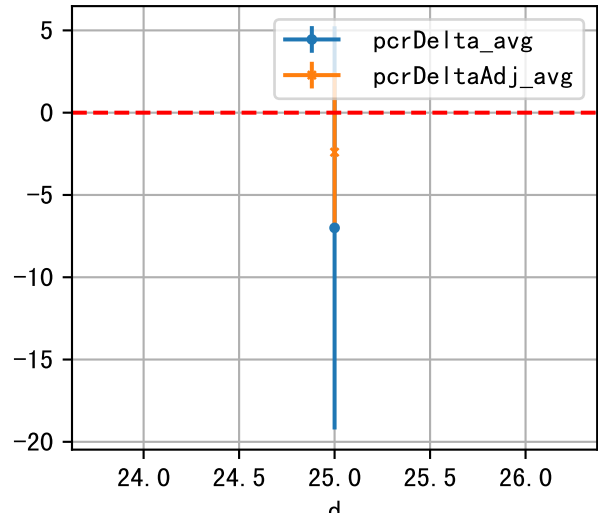
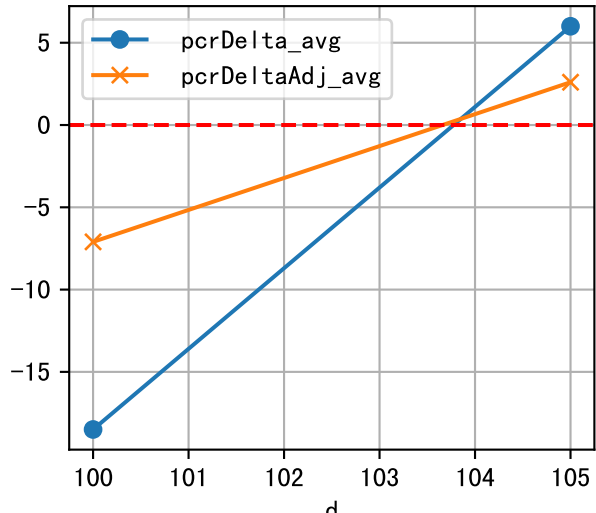
DeltaTypeAbbr=GrpByDay



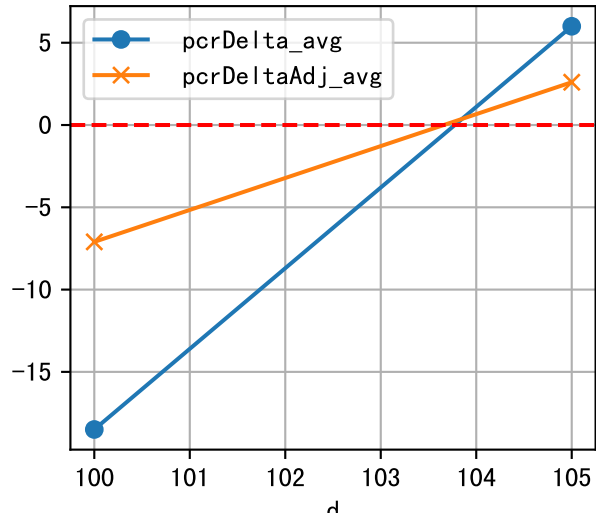
DeltaTypeAbbr=WeiAvgByD



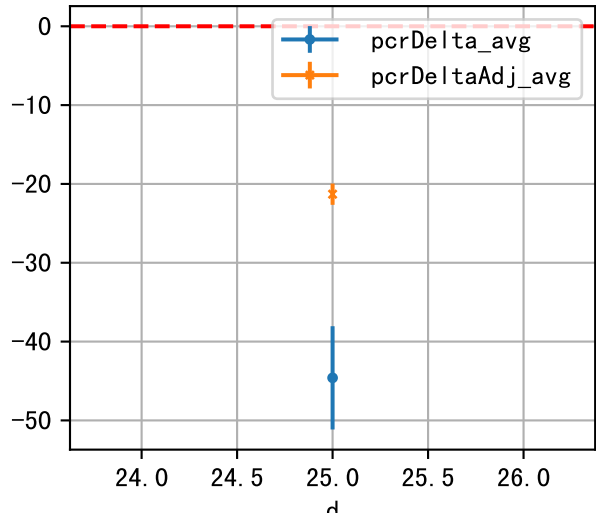
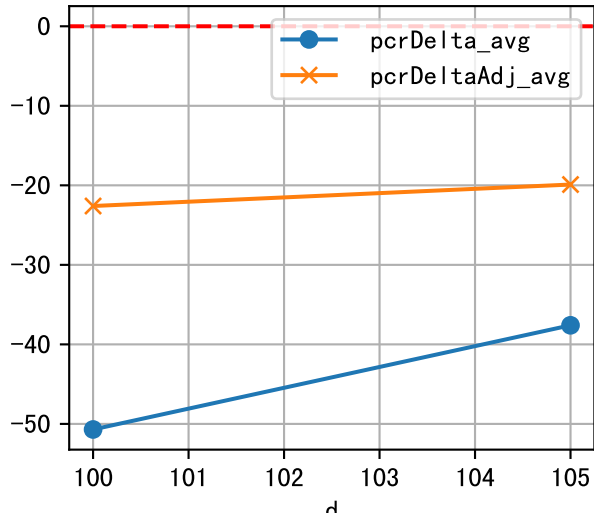
DeltaTypeAbbr=GrpByAge

P10AE LfA: D Q50 LfA  
DeltaTypeAbbr=GrpByDay

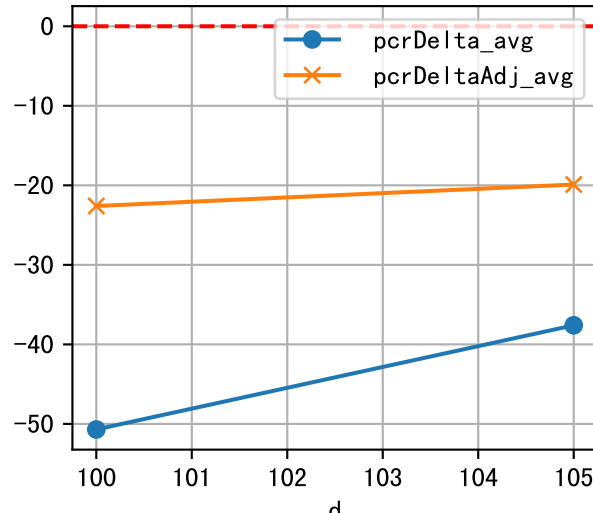
DeltaTypeAbbr=WeiAvgByD



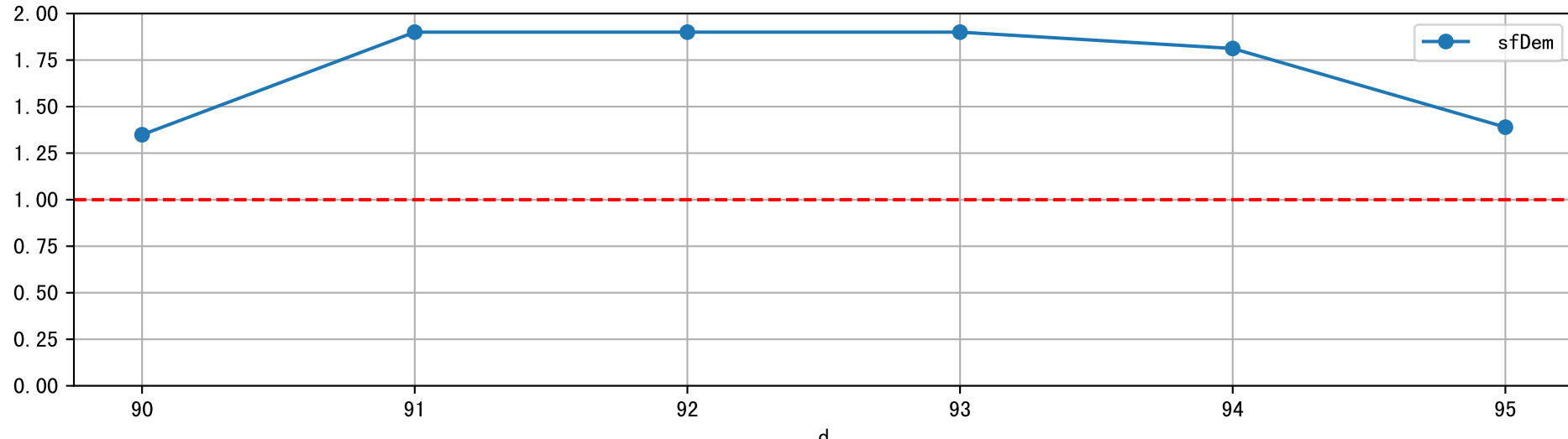
DeltaTypeAbbr=GrpByAge

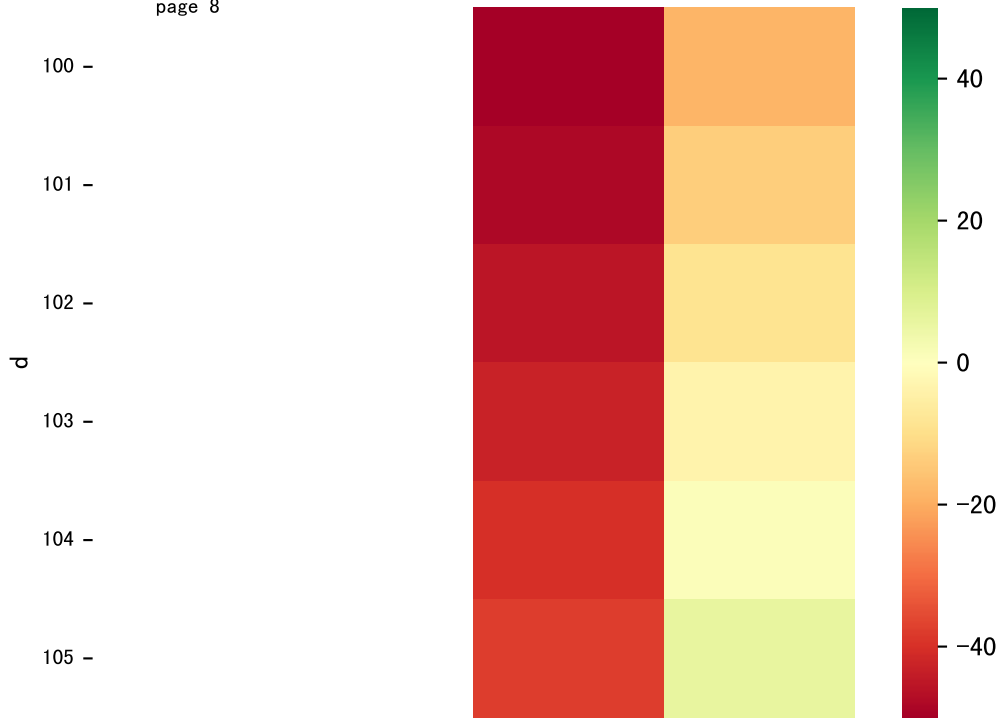
P10AE LfA: D\_Est\_LfA  
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

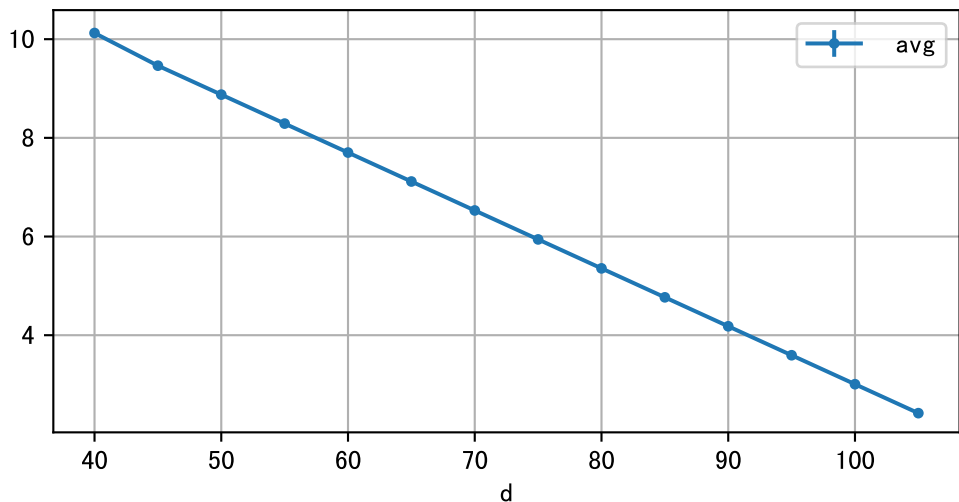


LfA: sfDem

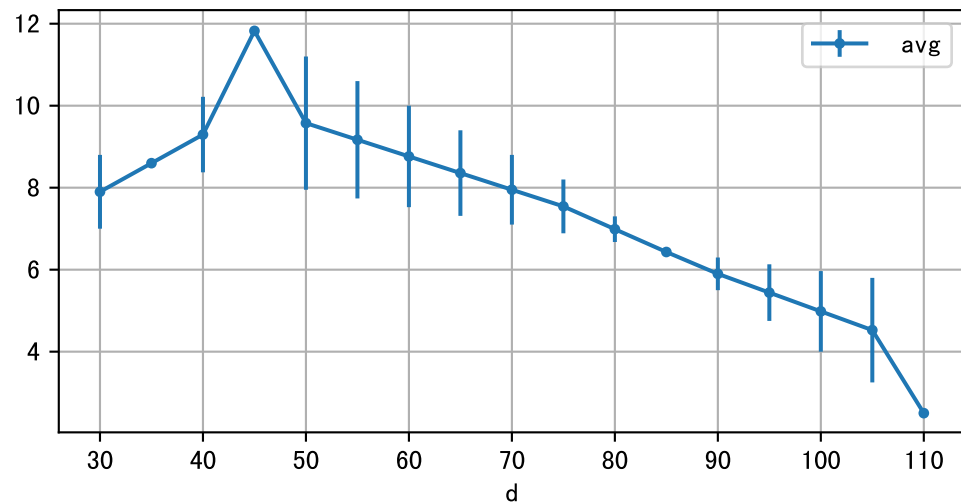




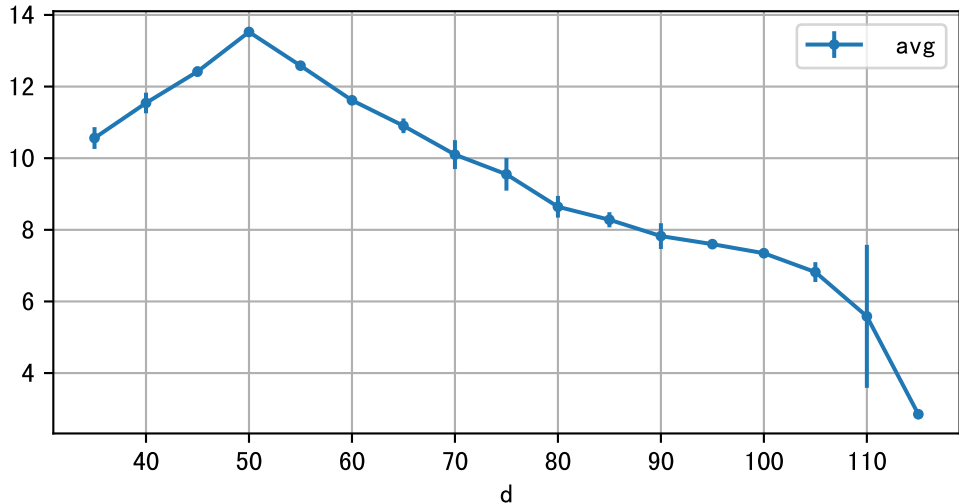
age=25



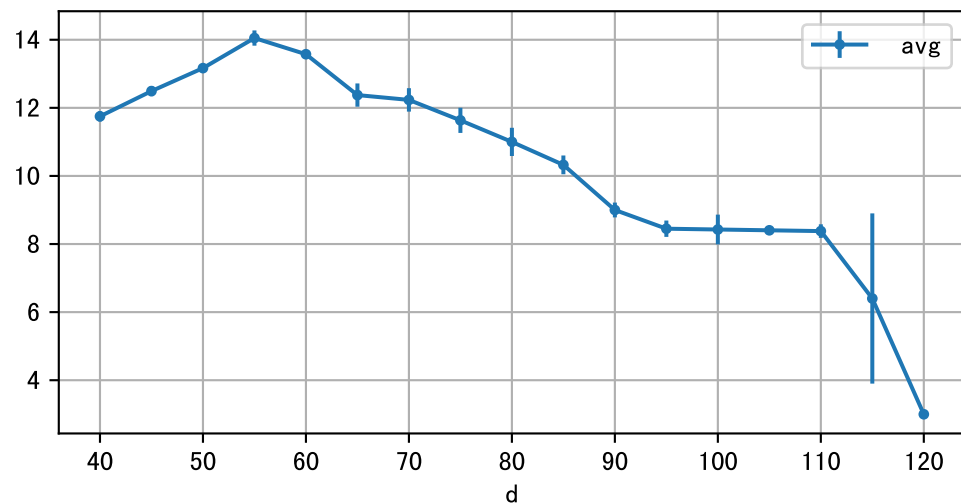
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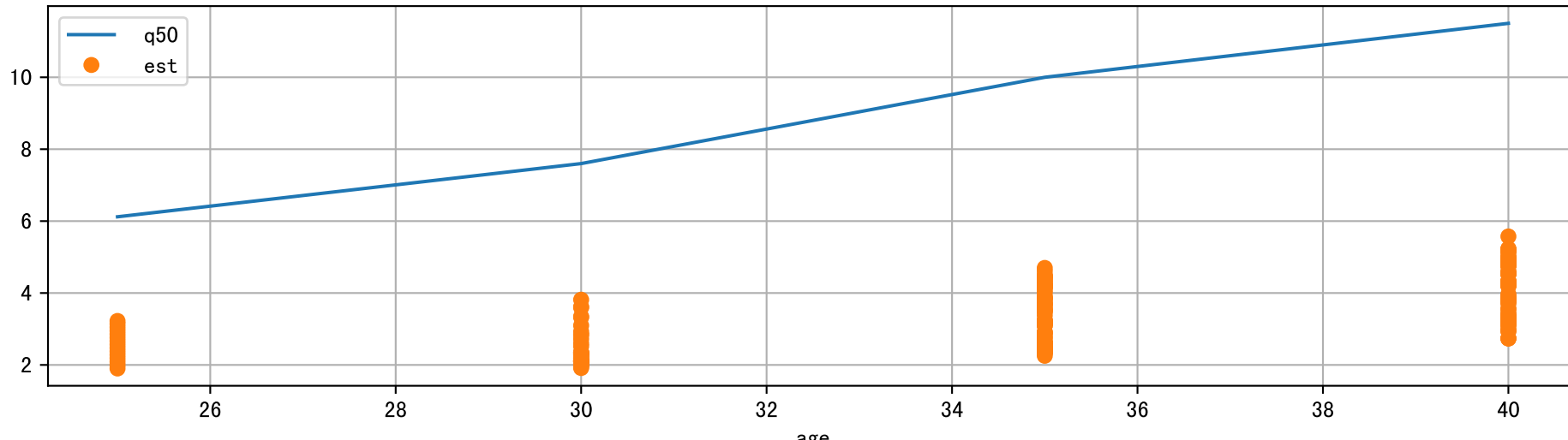
age=35



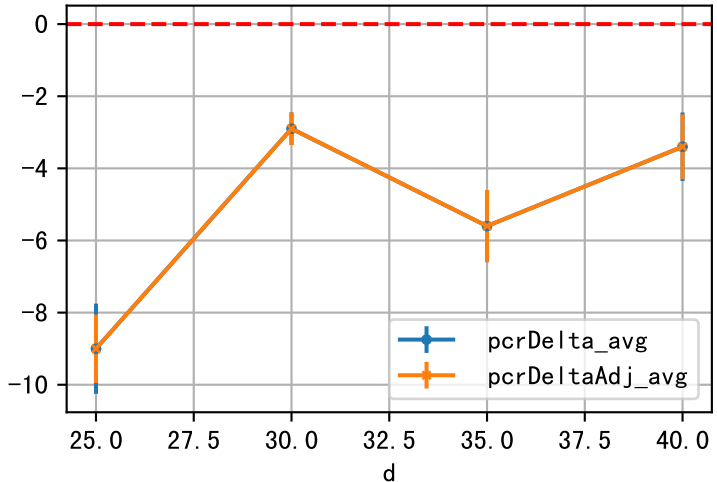
age=40



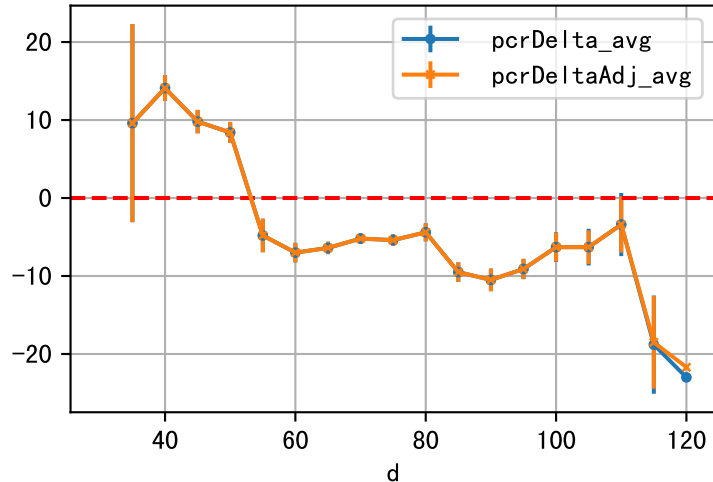
NdD: model est vs obs0v@Q50



DeltaTypeAbbr=GrpByAge

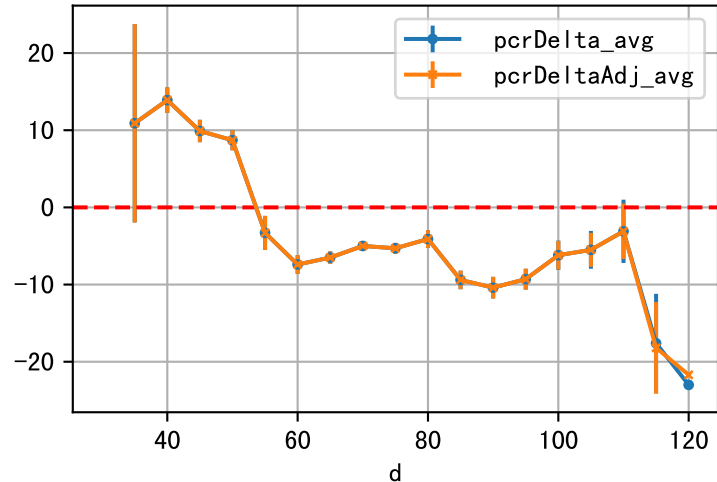


DeltaTypeAbbr=GrpByDay



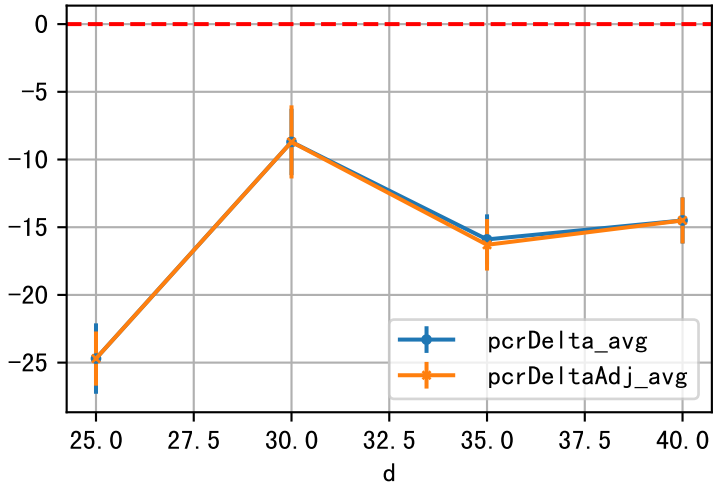
page 11

DeltaTypeAbbr=Wei AvgByD

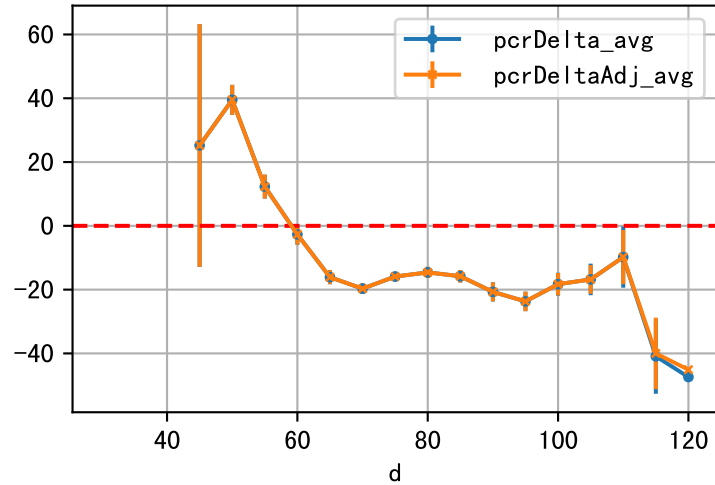


P10AE NdD: D\_15d\_NdD

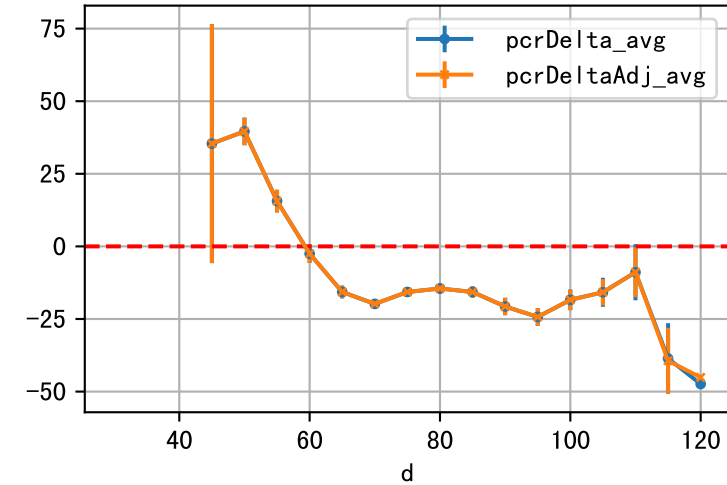
DeltaTypeAbbr=GrpByAge



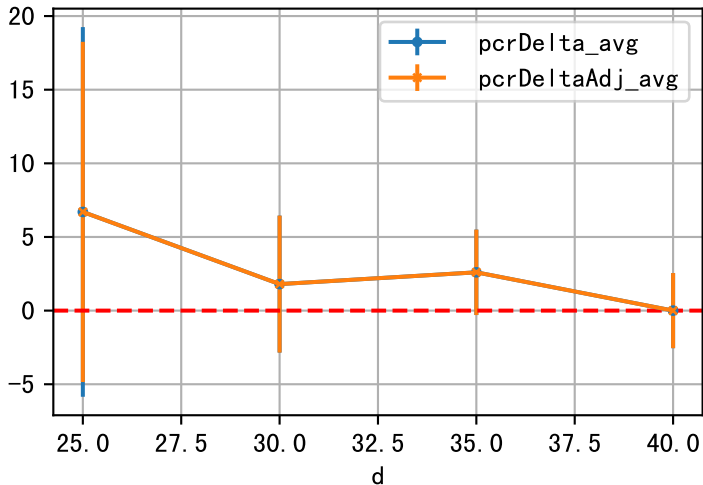
DeltaTypeAbbr=GrpByDay



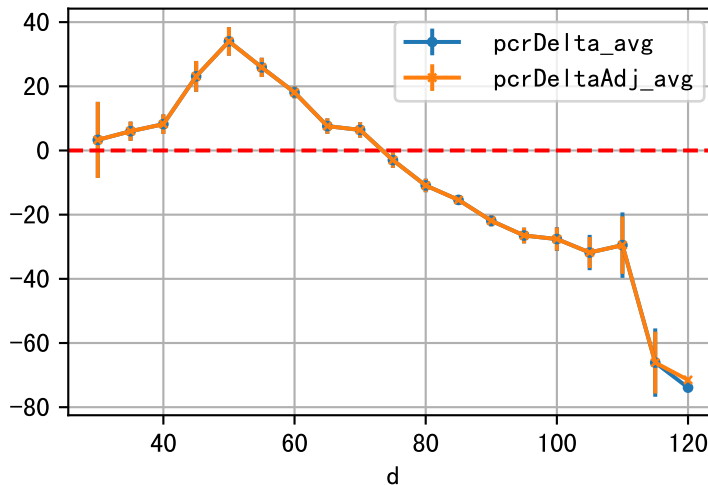
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

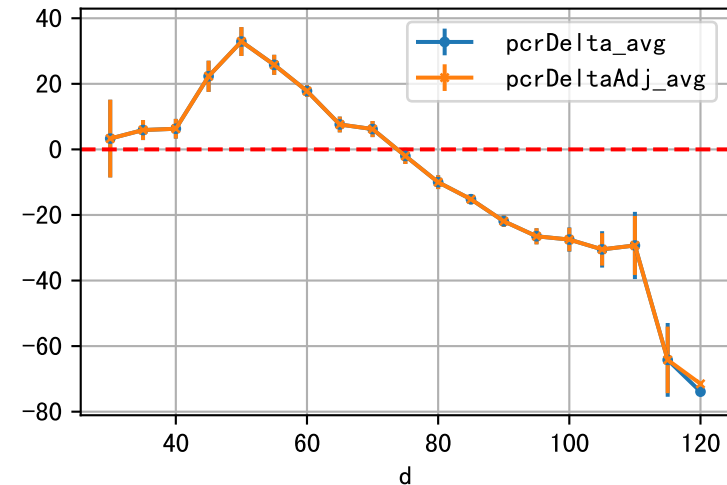


DeltaTypeAbbr=GrpByDay



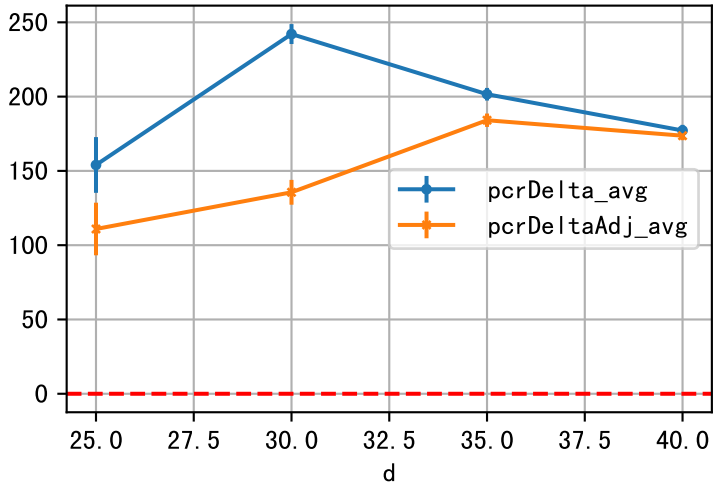
page 13

DeltaTypeAbbr=WeiAvgByD

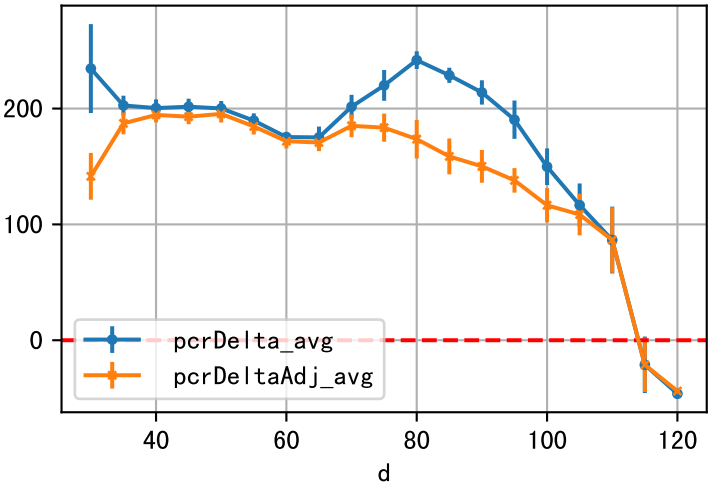


# P10AE NdD: D\_Est\_NdD

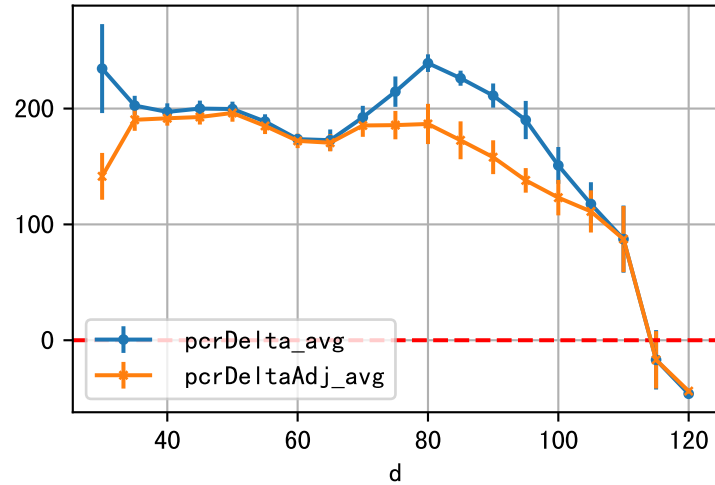
## DeltaTypeAbbr=GrpByAge



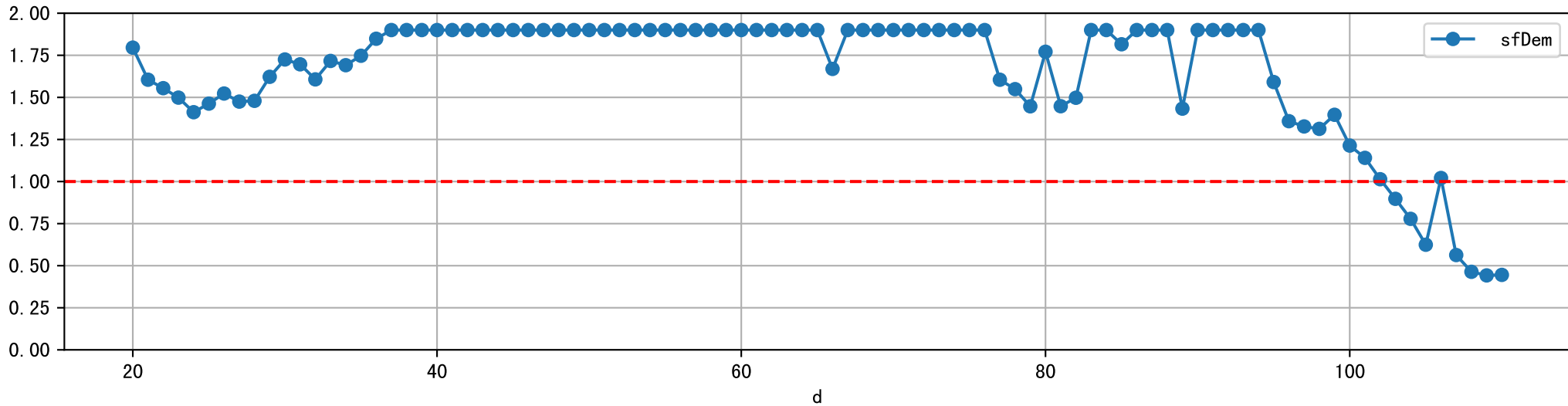
## DeltaTypeAbbr=GrpByDay

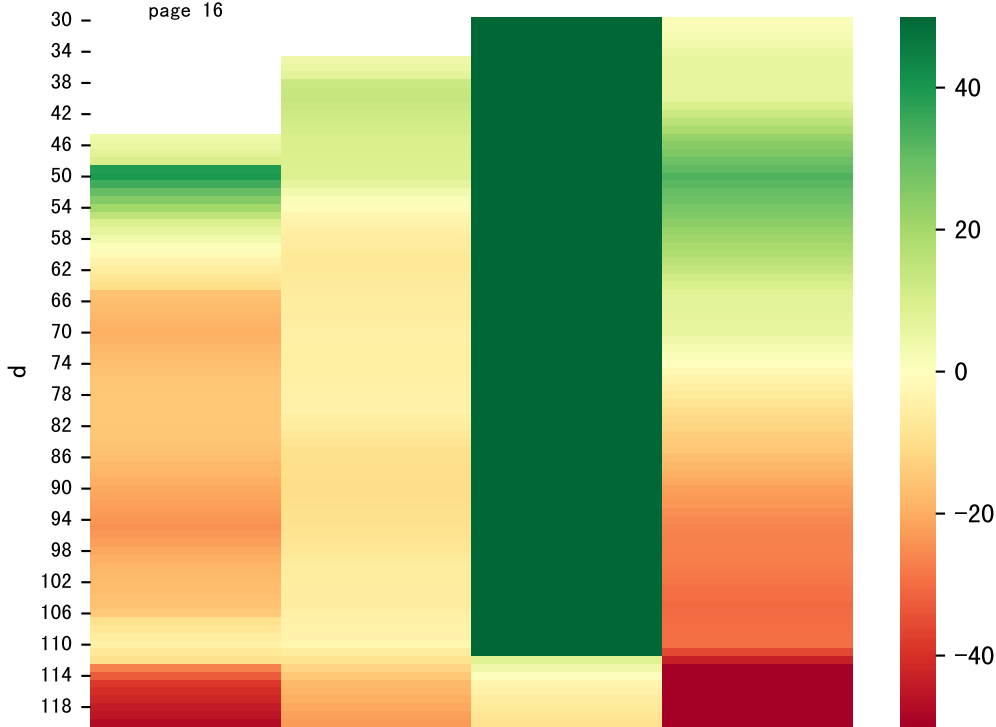


## DeltaTypeAbbr=Wei AvgByD

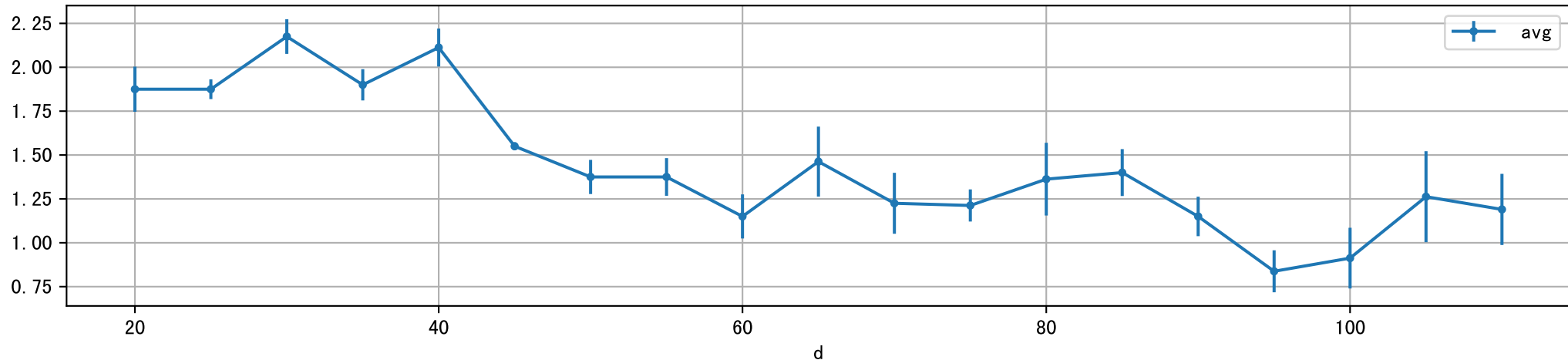


NdD: sfDem

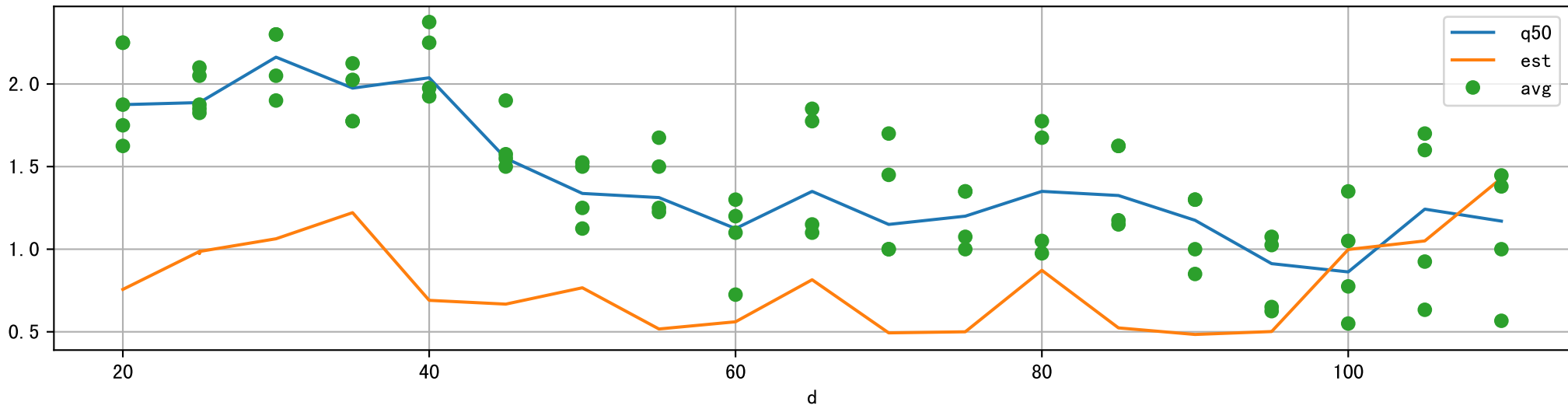




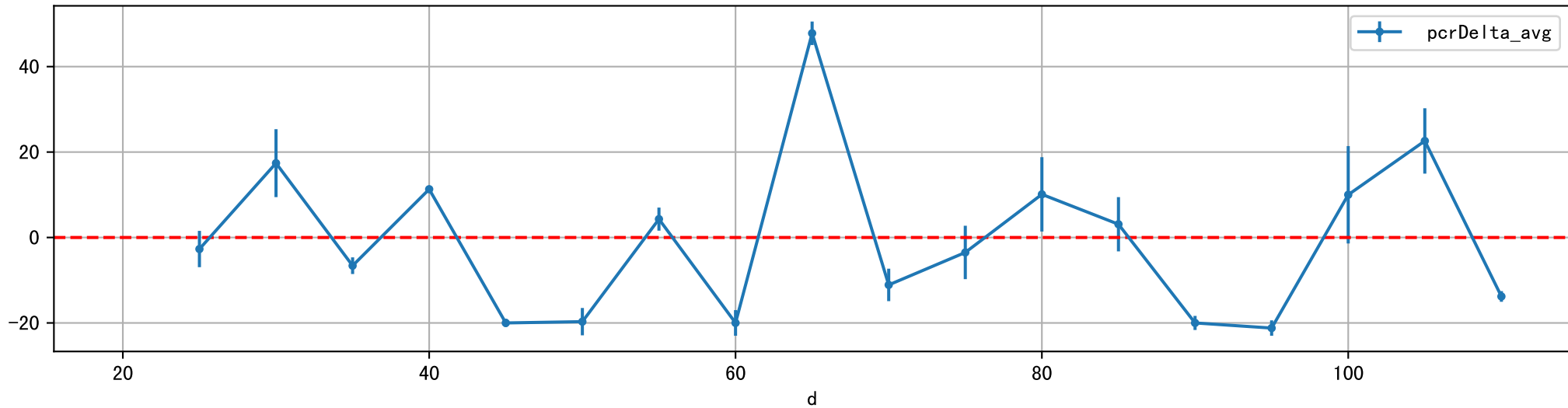
dStH: avg vs. d



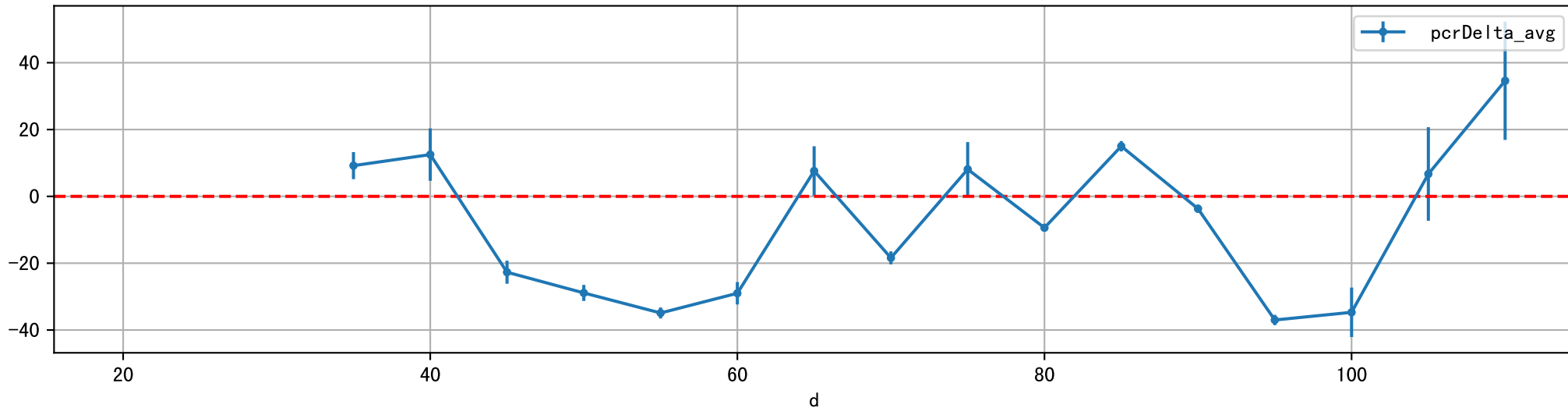
dStH: obsAvg vs obs0v@Q50



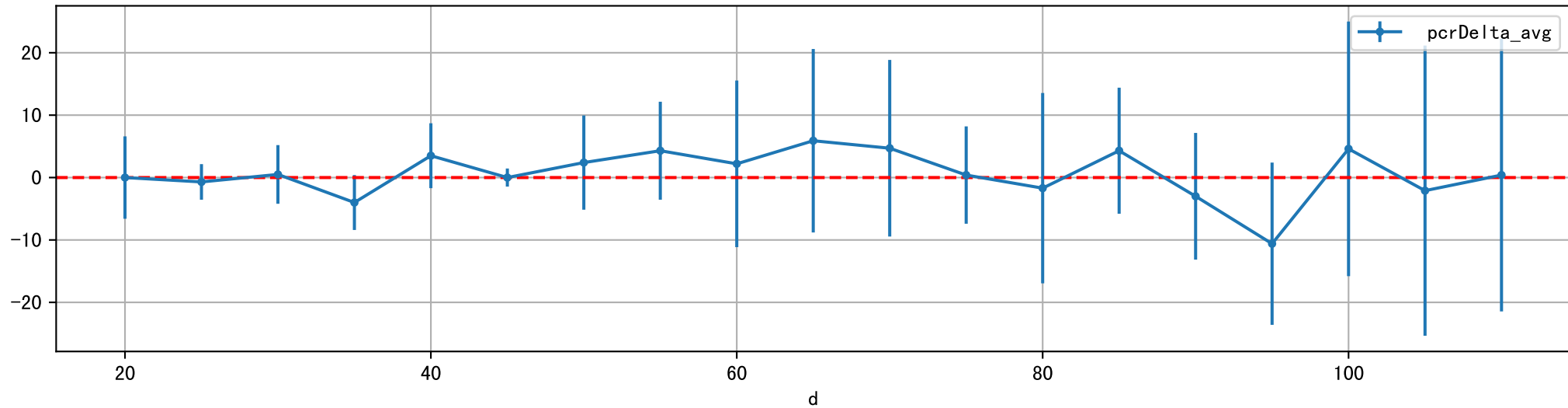
dStH: D\_5d\_StH



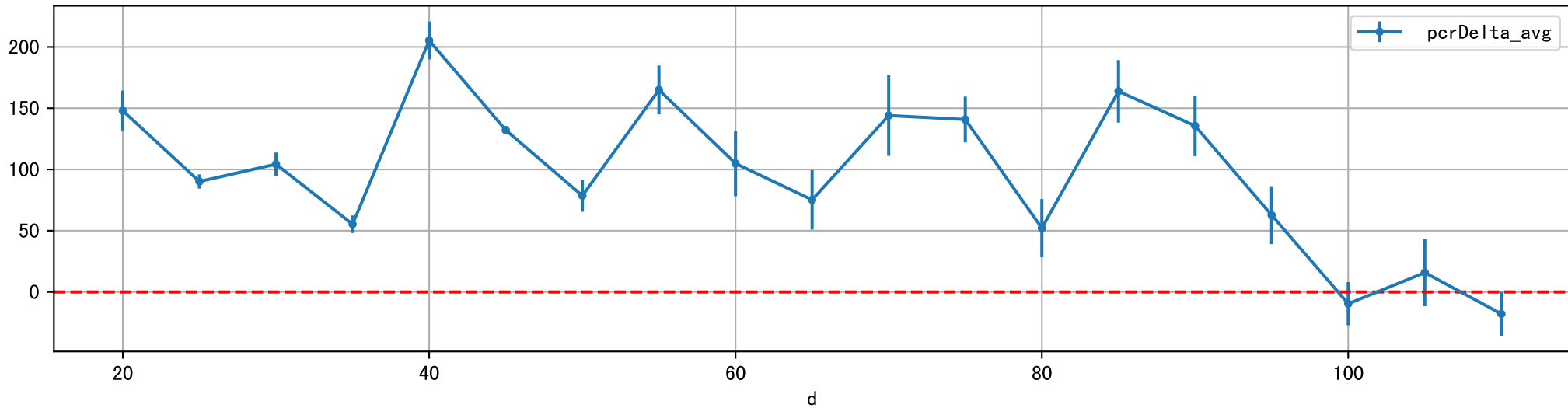
dStH: D\_15d\_StH



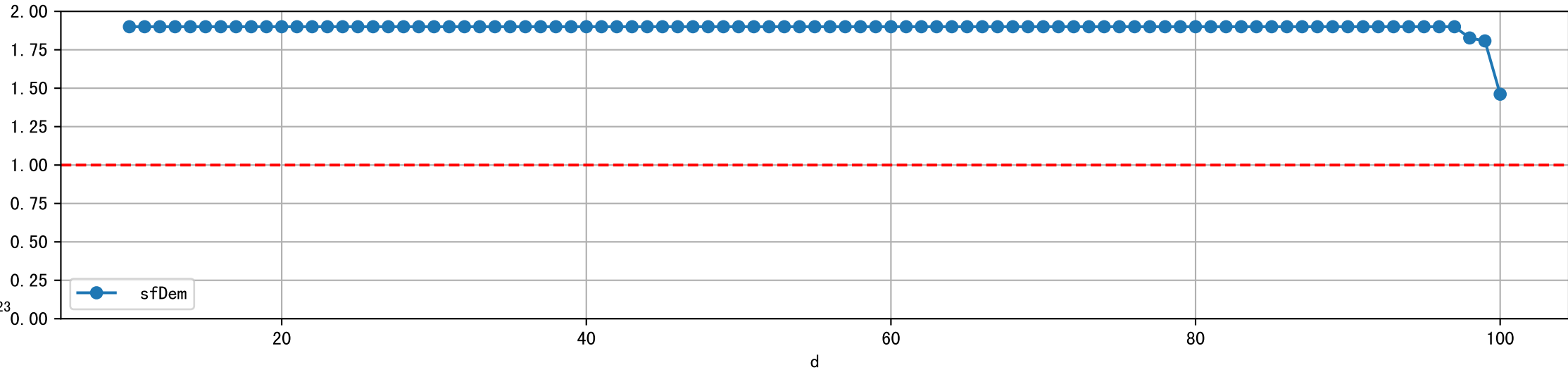
dStH: D\_Q50\_StH

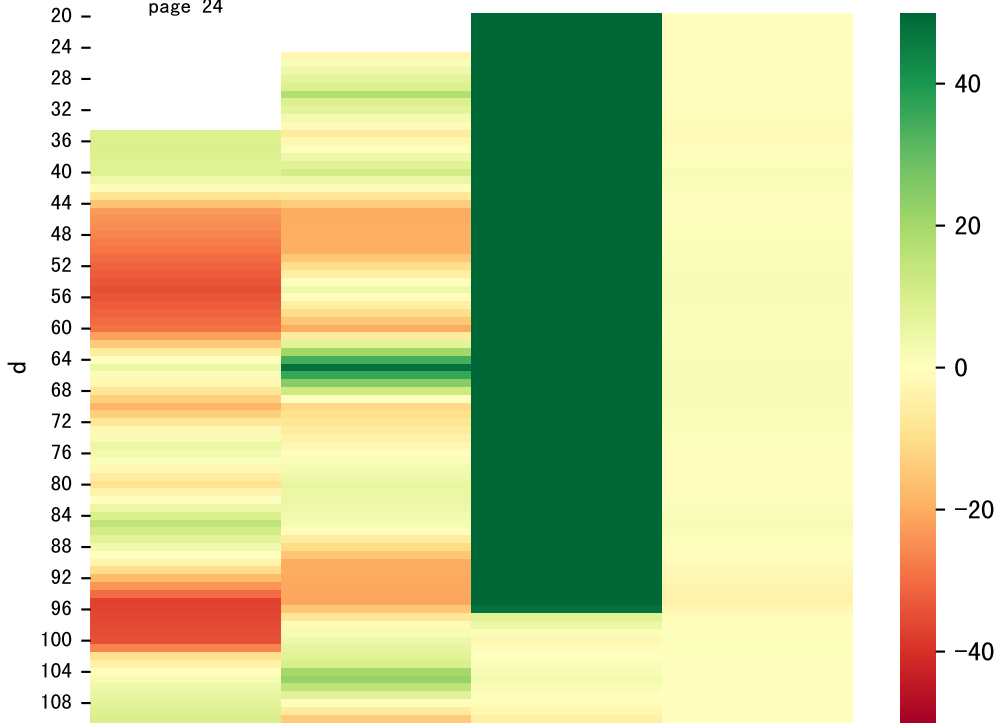


dStH: D\_Est\_StH



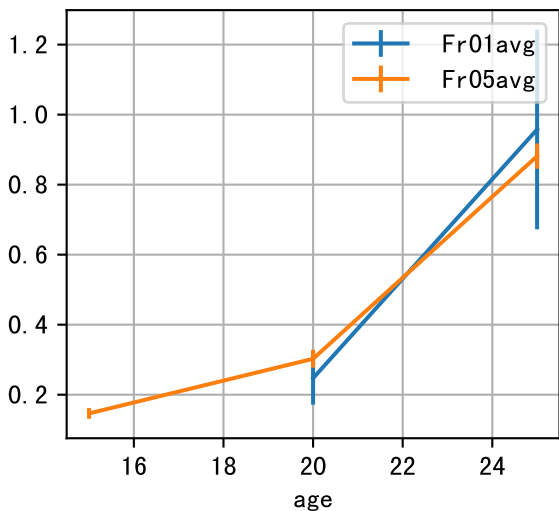
dStH: sfDem



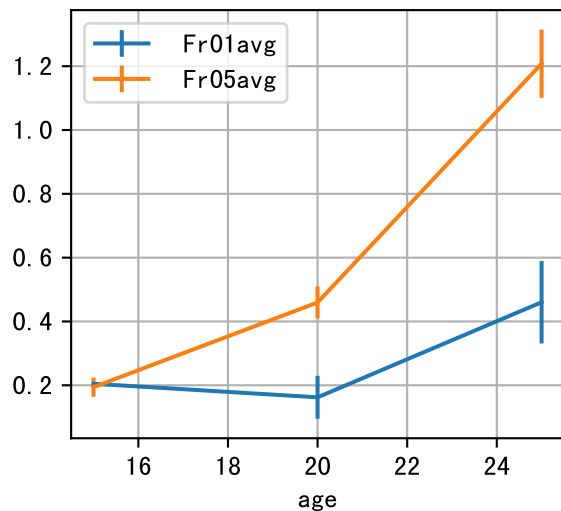


## FrV: Fr01 vs Fr05 at each truss

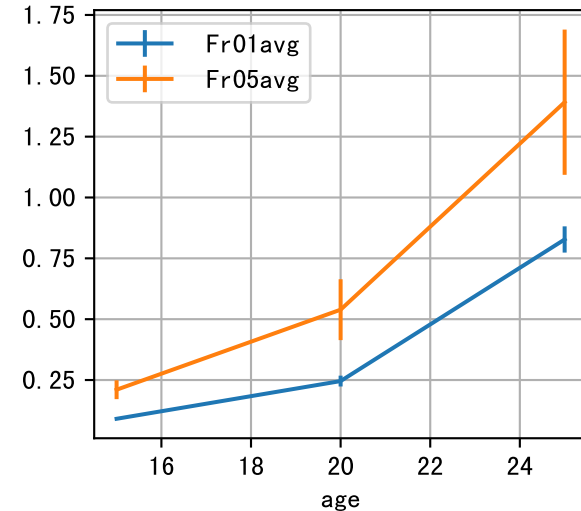
organID=T01



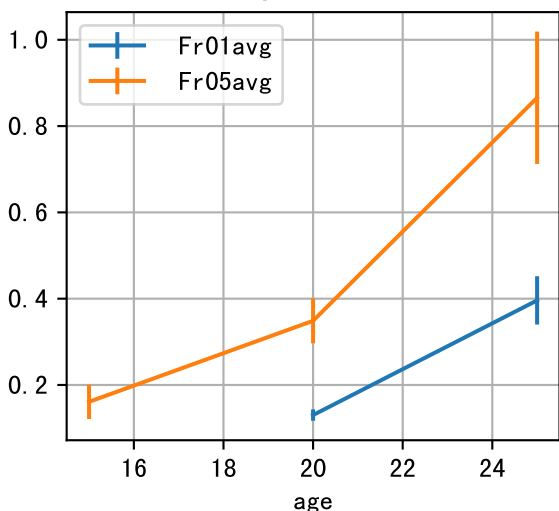
organID=T02



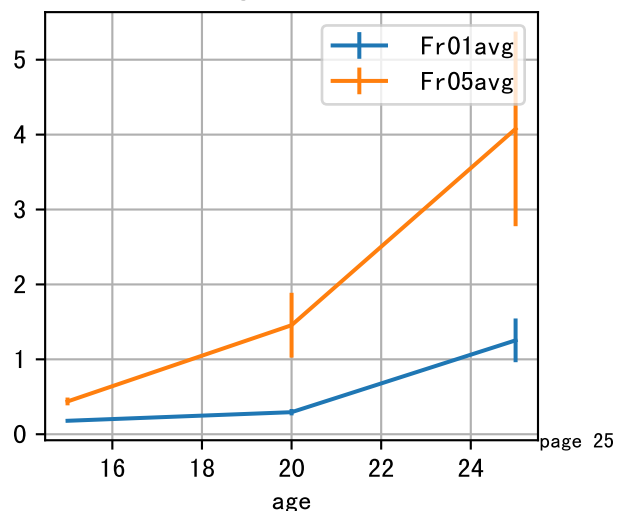
organID=T03



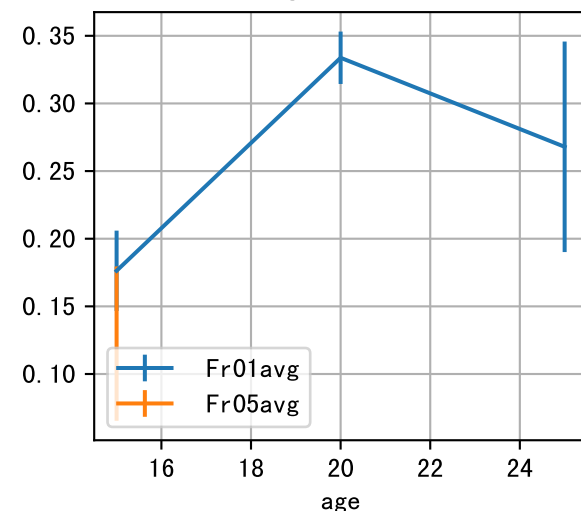
organID=T04



organID=T05

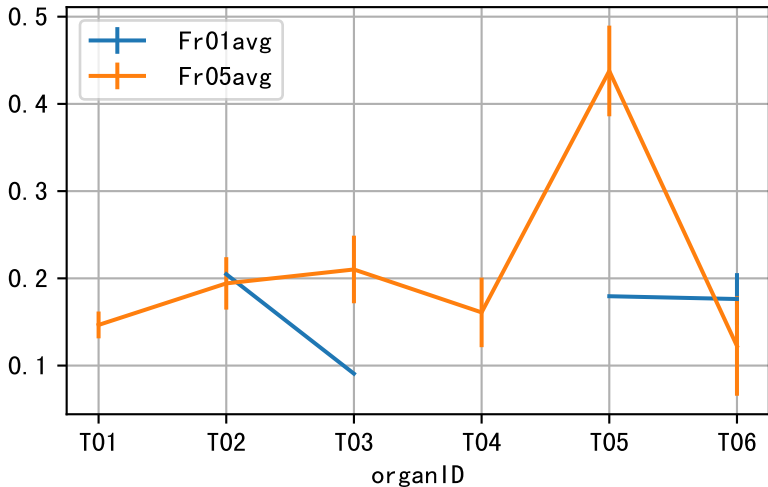


organID=T06

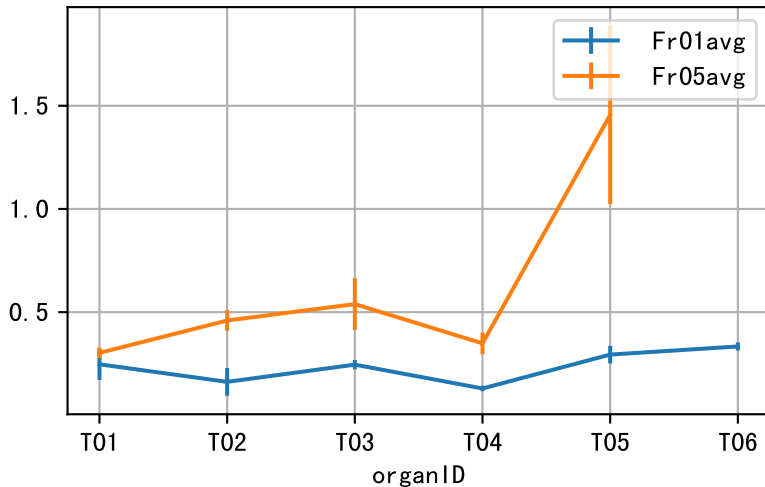


FrV trend at each age

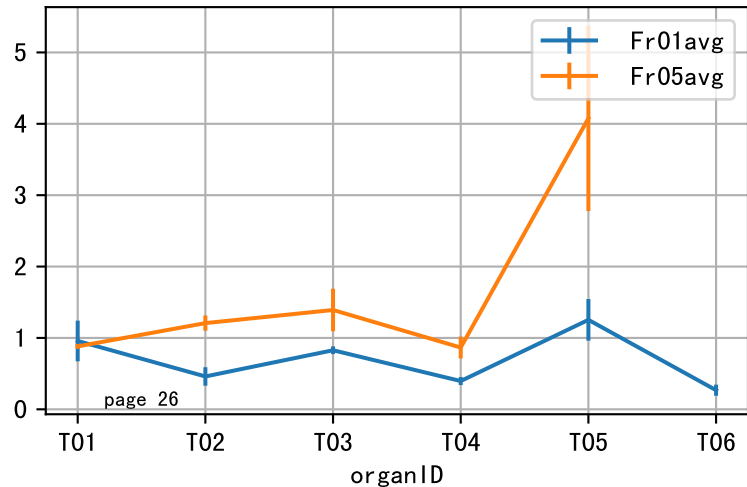
age=15



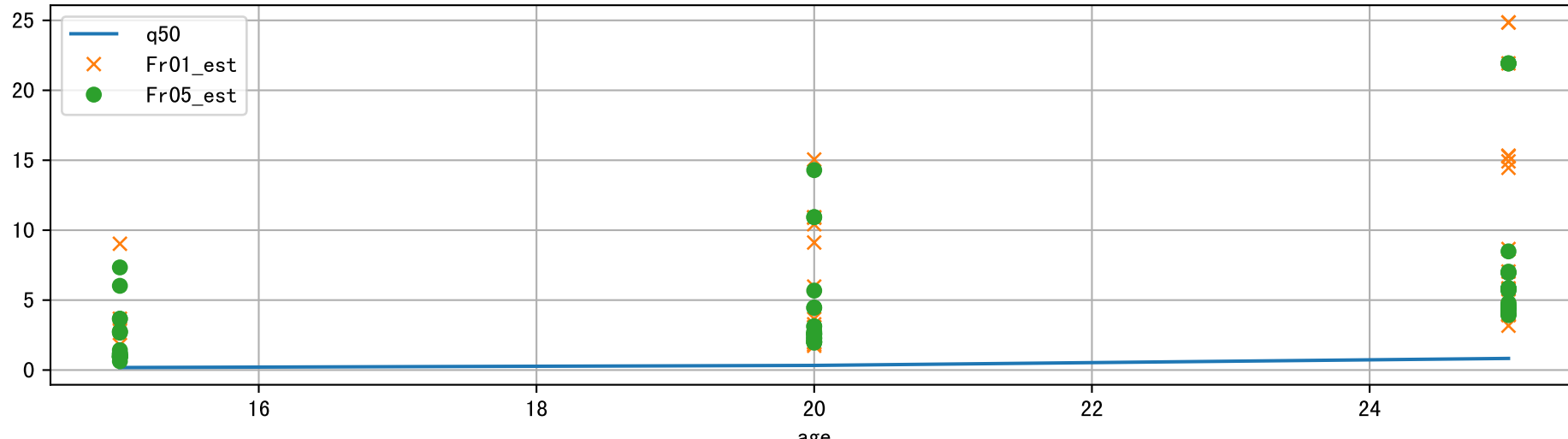
age=20



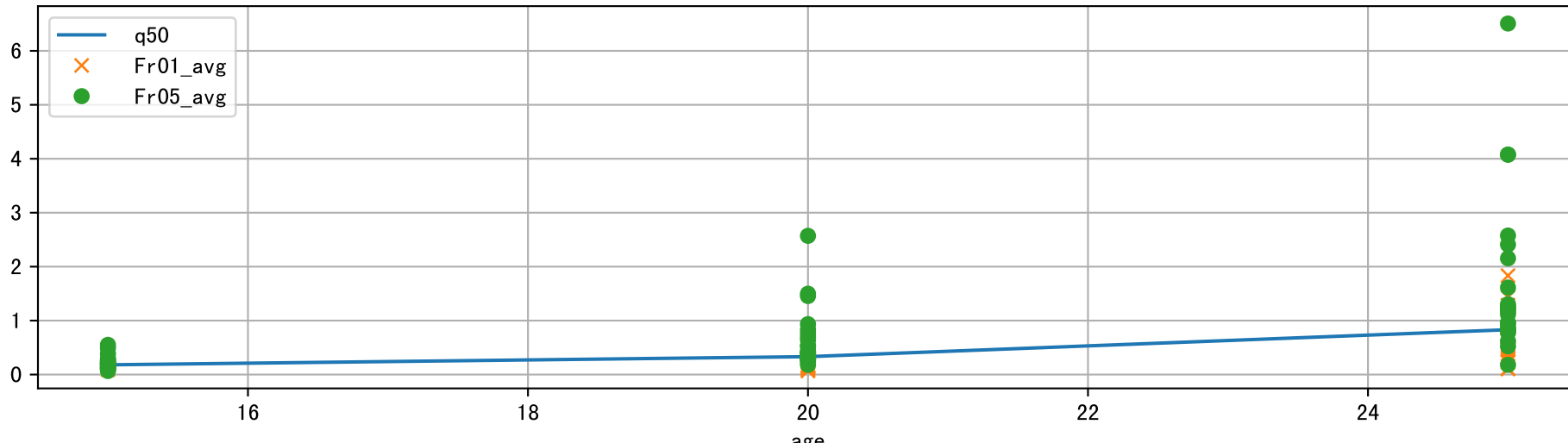
age=25



FrV: model Est vs obsFrV at Q90

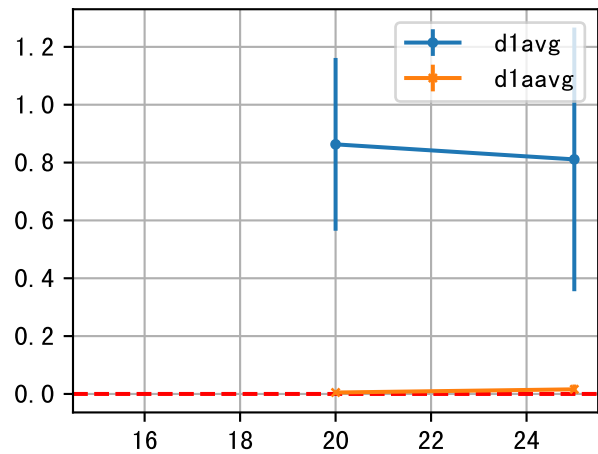


FrV: obsFrV vs obsFrV@Q90

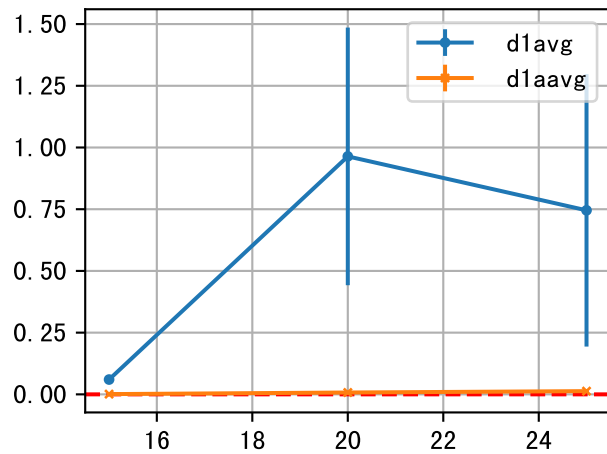


## FrV: D\_Fr1\_FrV

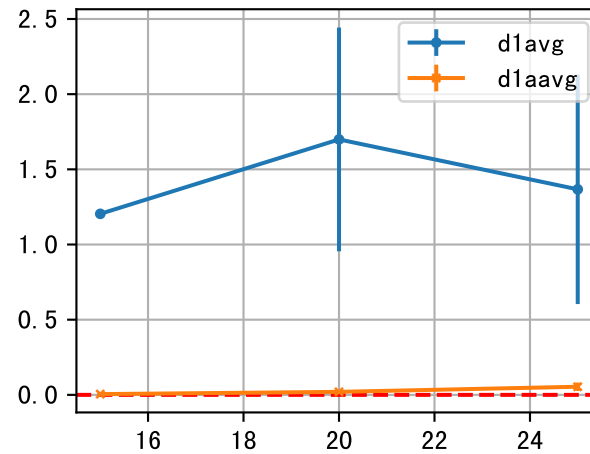
organID=1



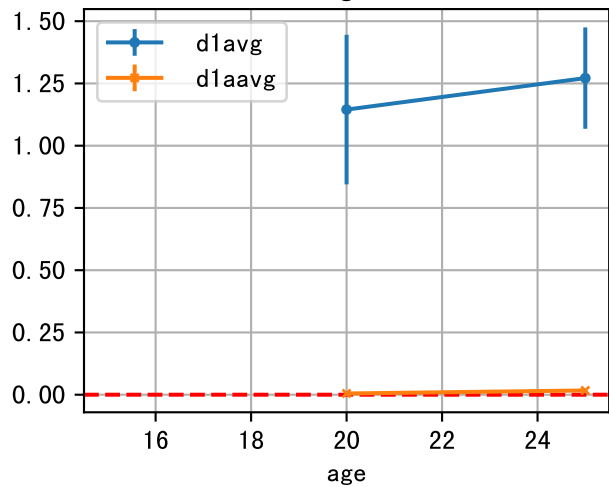
organID=2



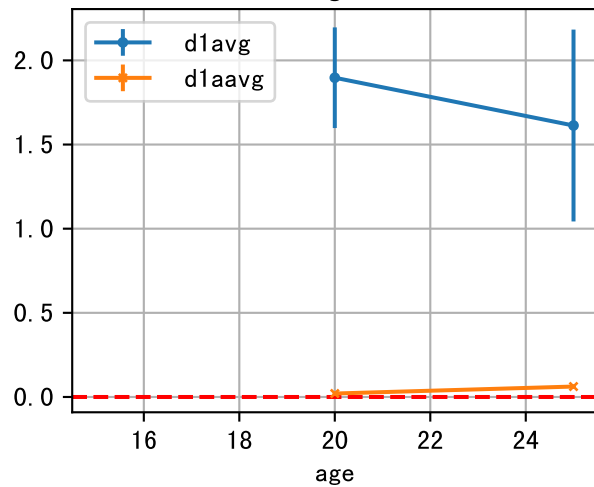
organID=3



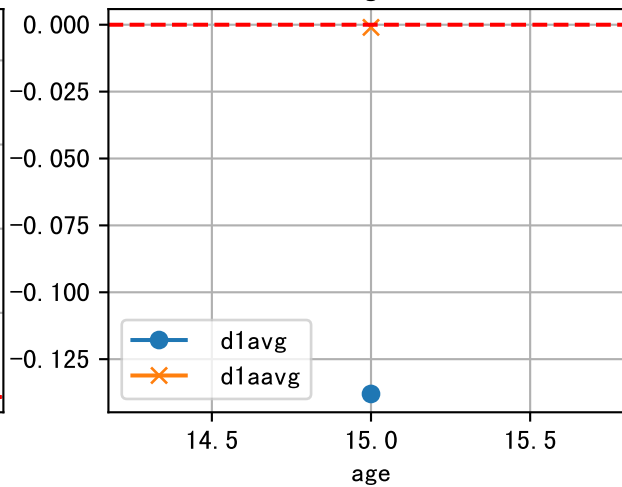
organID=4



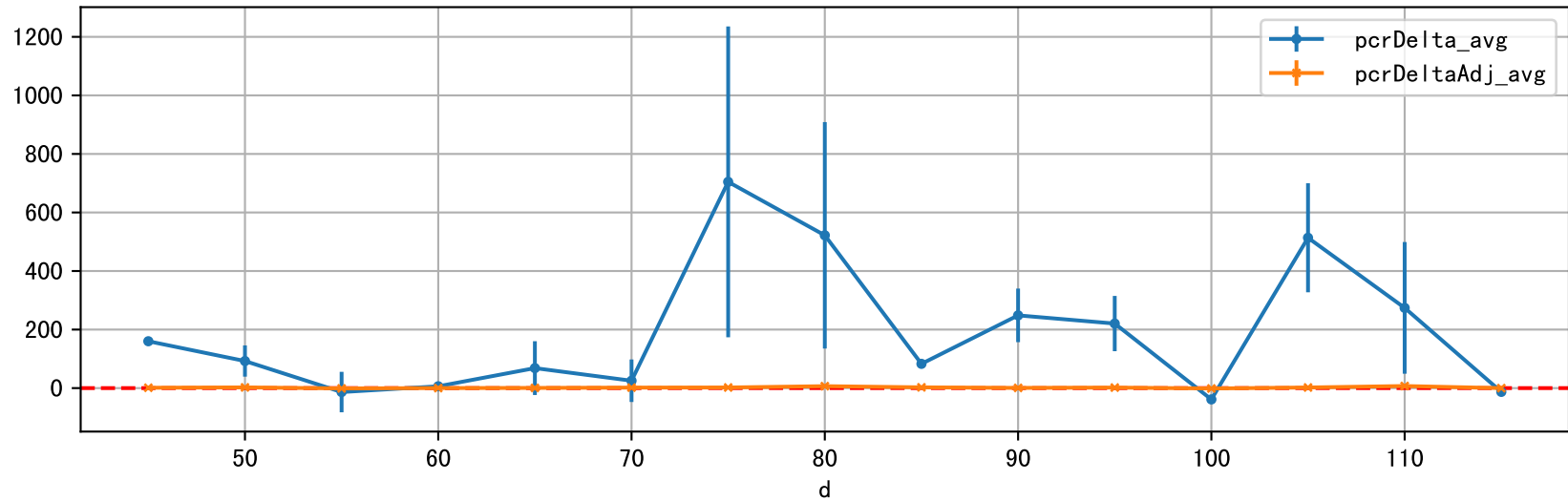
organID=5



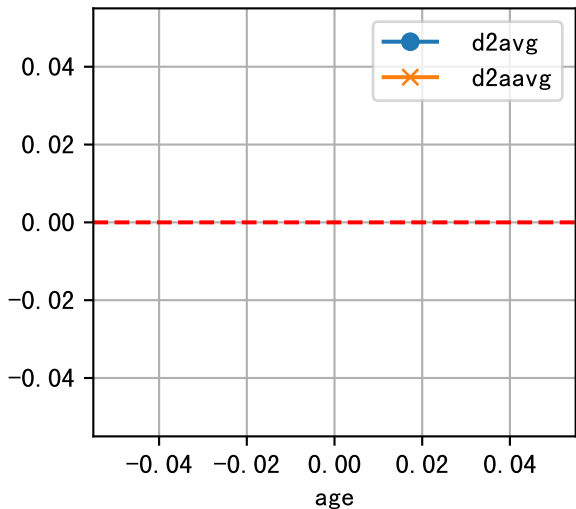
organID=6



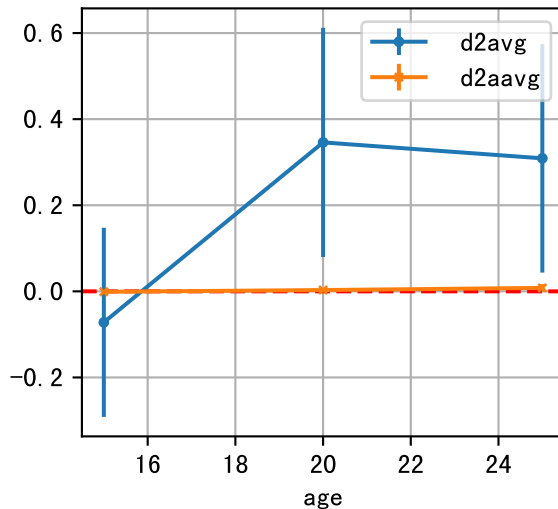
P10AE FrV: D\_Fr1\_FrV



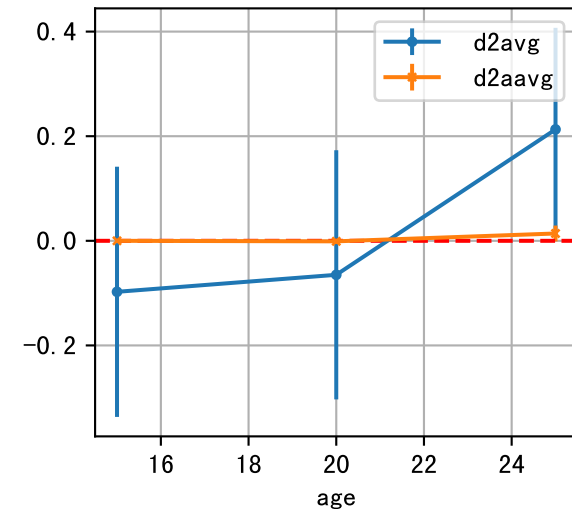
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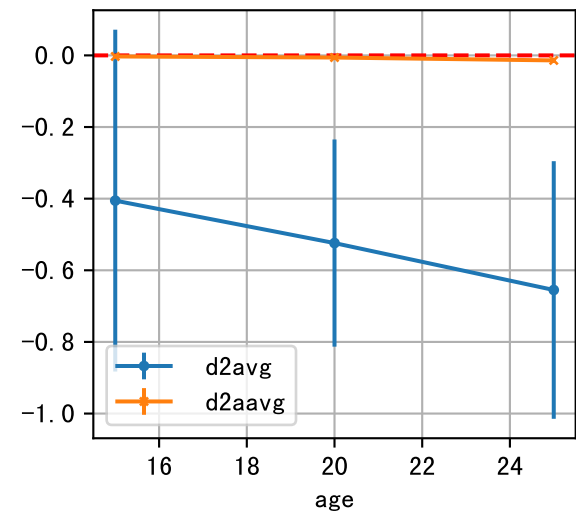
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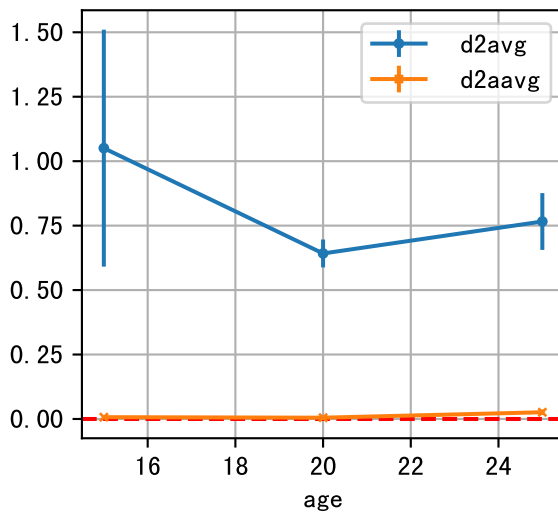
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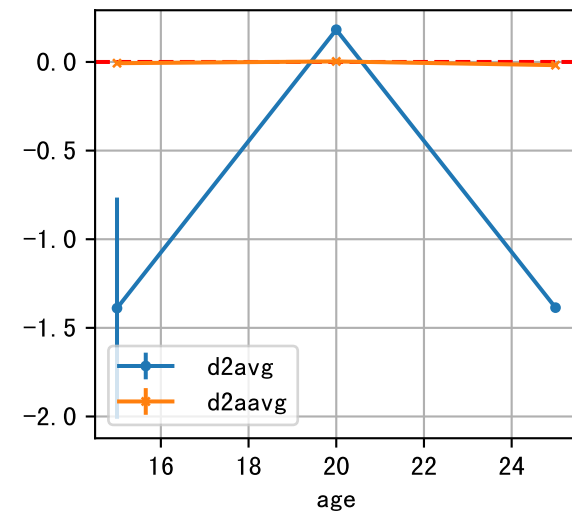


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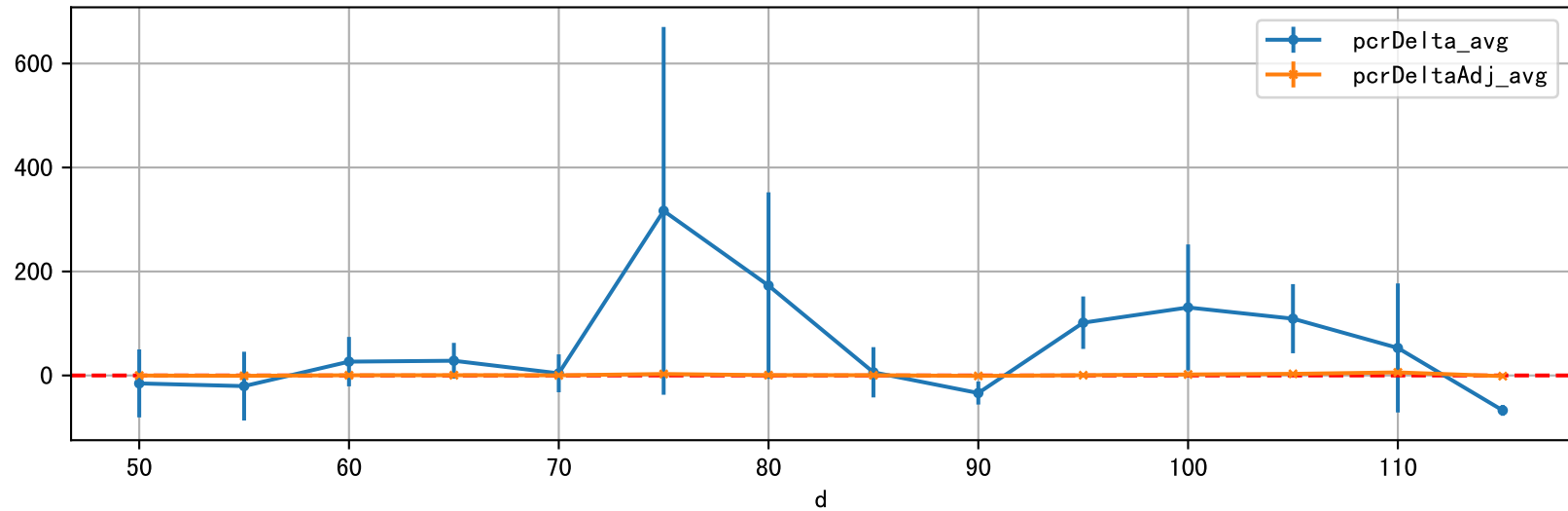


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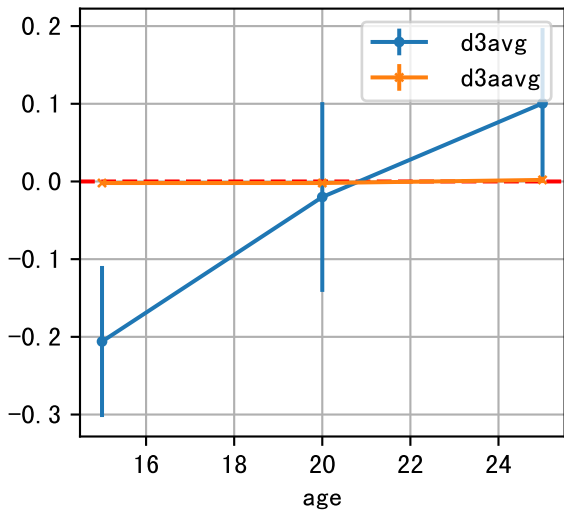
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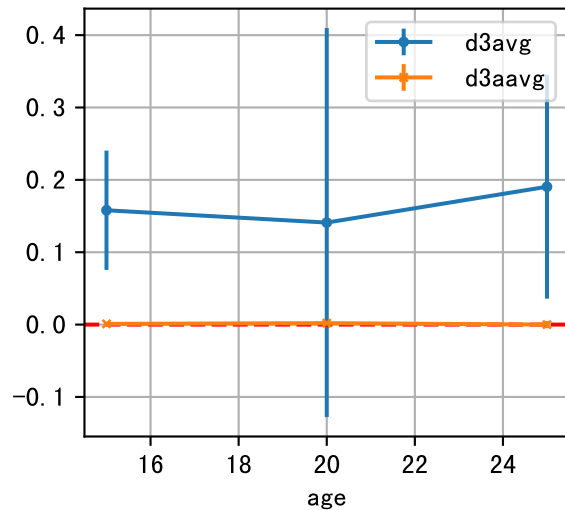
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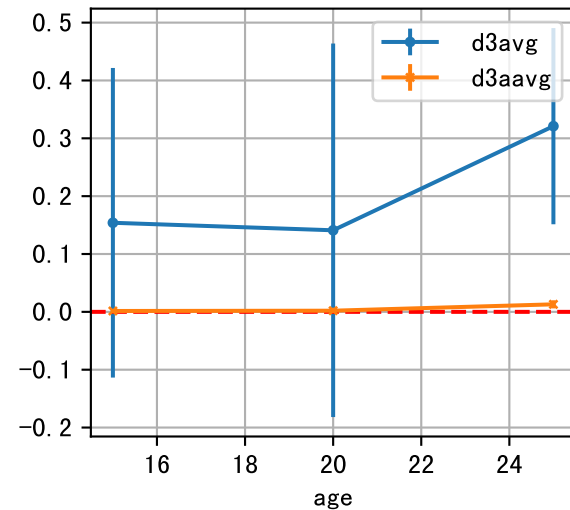
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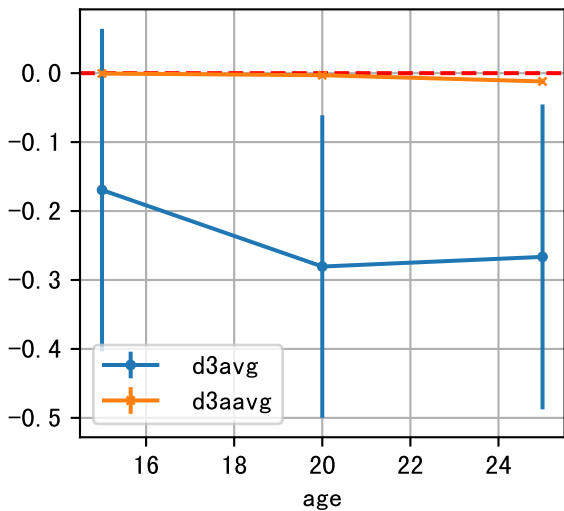
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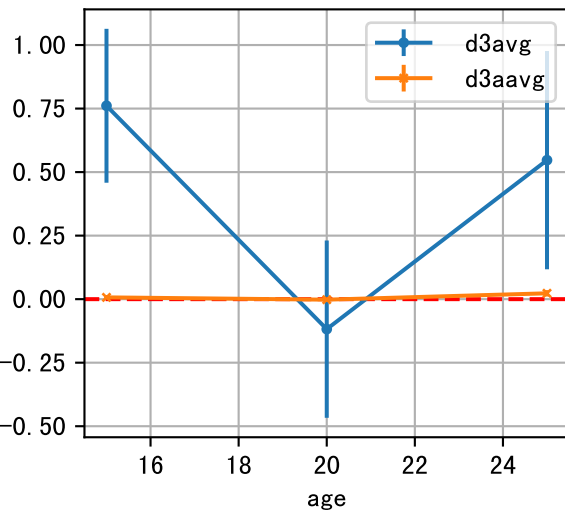
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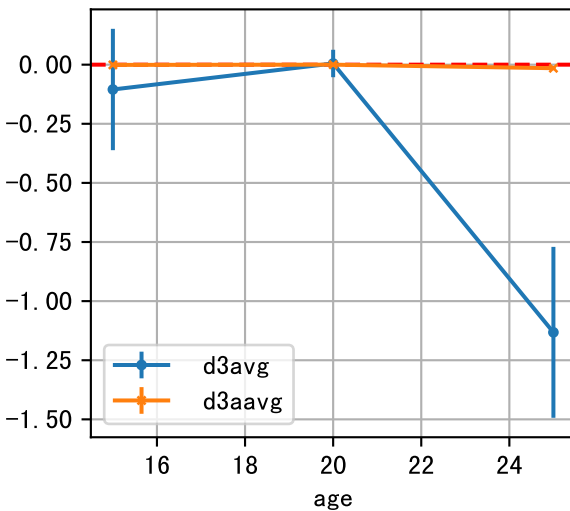


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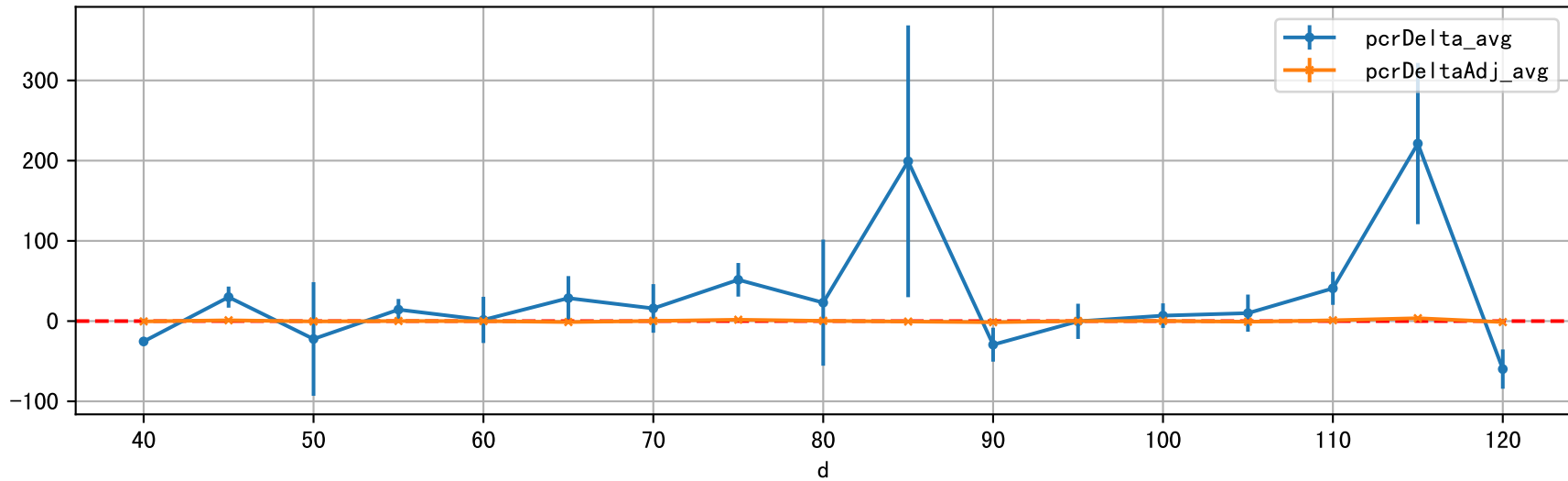


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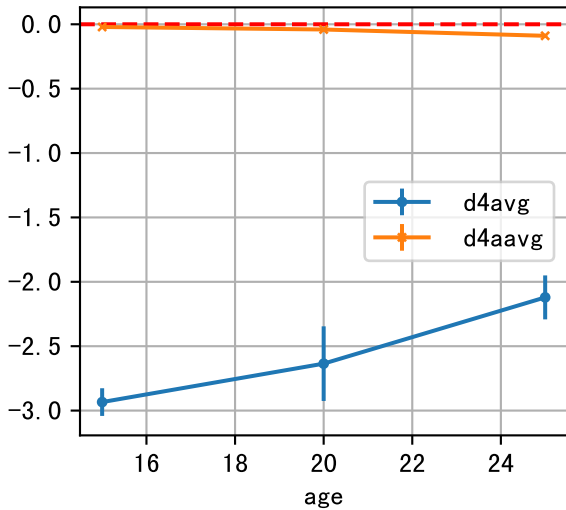
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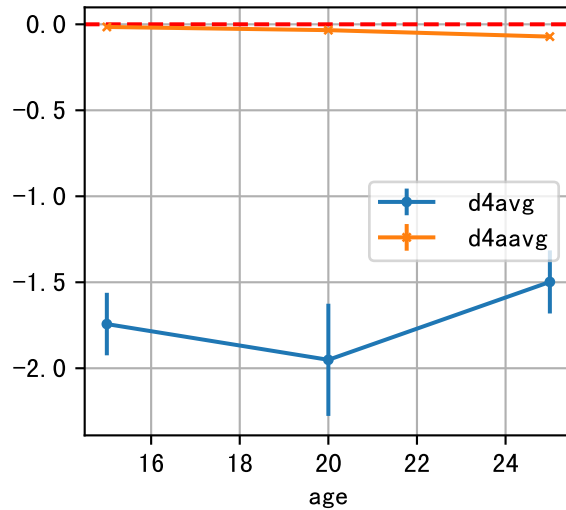
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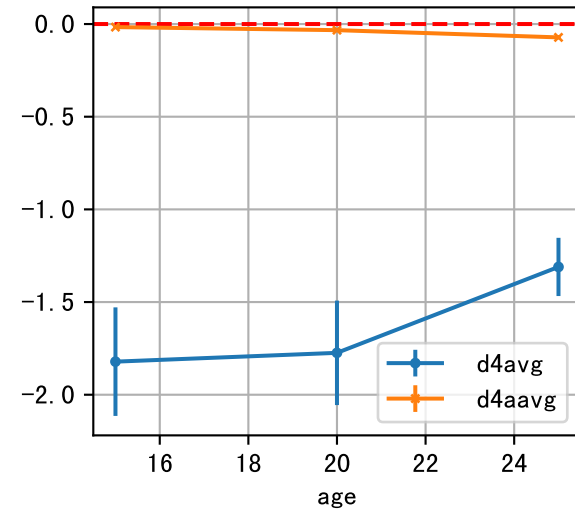
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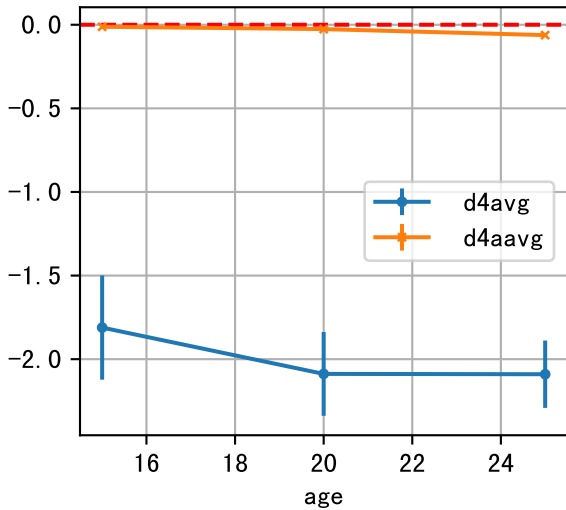
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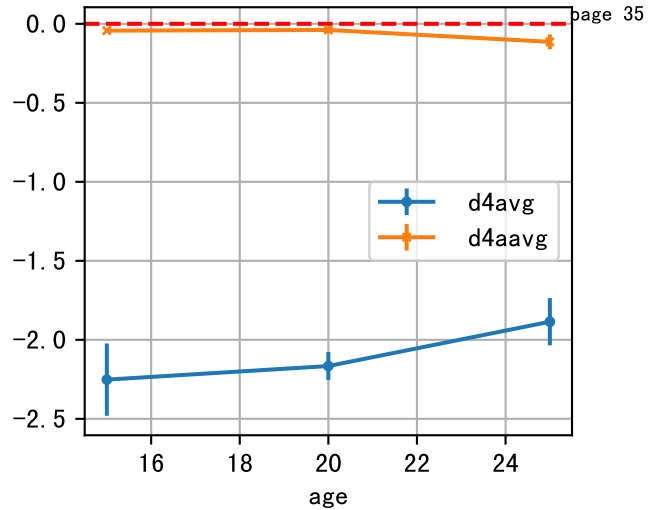
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organID=5



organID=6

