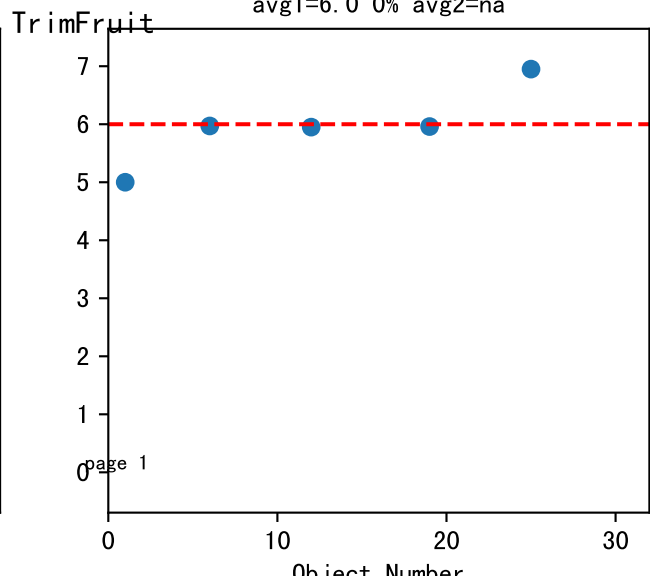
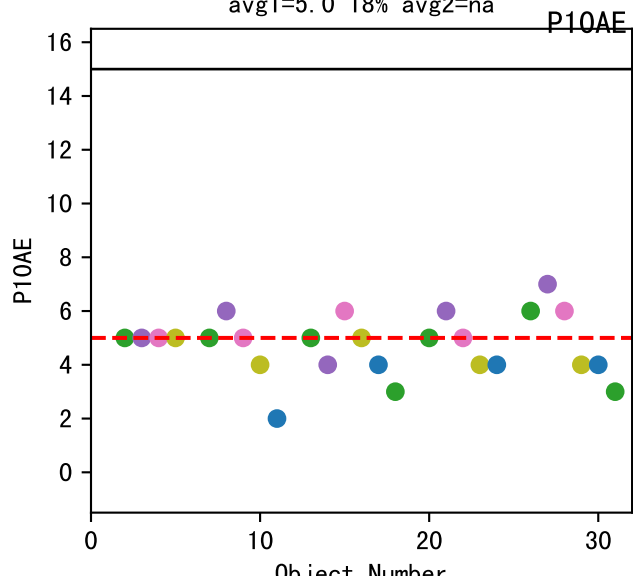


Phenotype Data Analysis Plots  
PhenoData day range = 18 - 124  
Analysis cutoff day = 124  
NC11 P10  
2026-02-20 (Day 125)

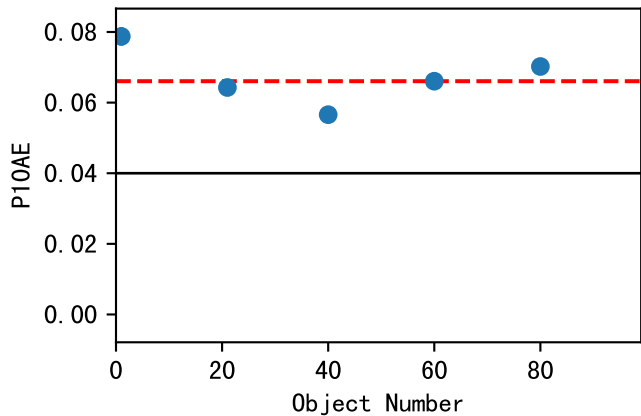
avg1=0.00% avg2=na  
P10AE Truss



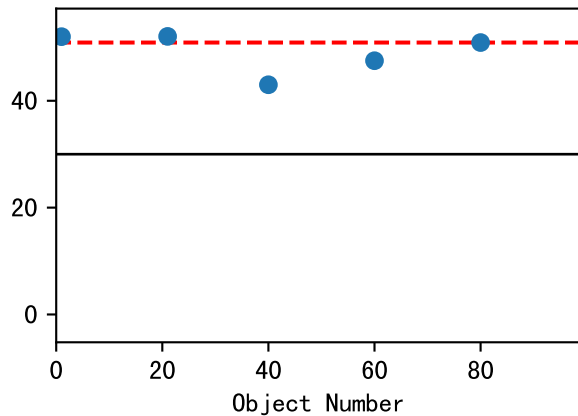
page 1



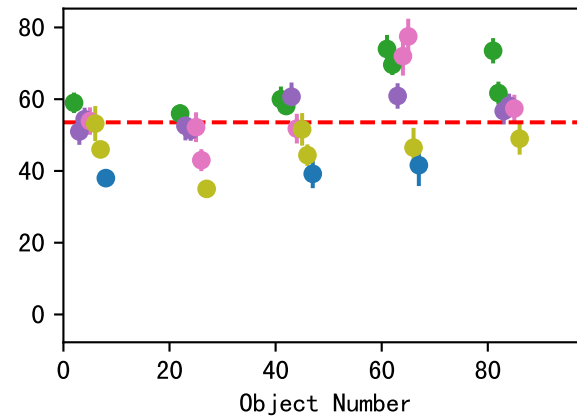
LTA\_Q90AbsY (Def=0.04 Set=0.07)  
avg1=0.07~12% avg2=na



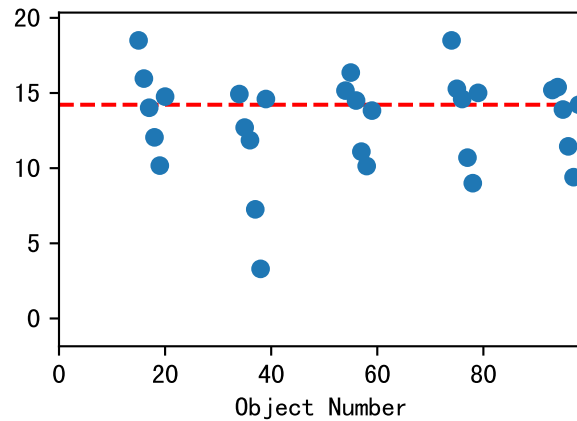
LTW\_Q90AbsY (Def=30 Set=30.9)  
avg1=50.0~8% avg2=na



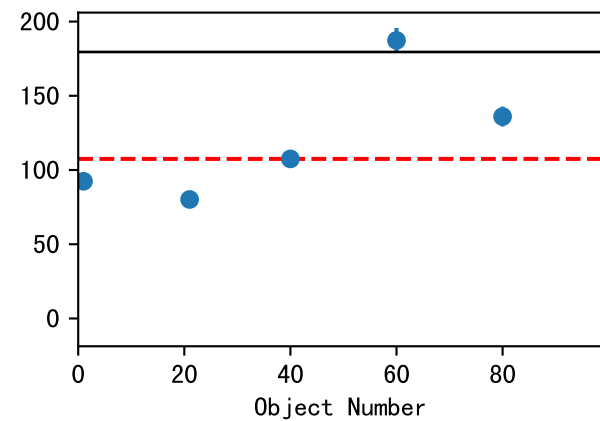
FRD\_avgAbsY (Def=na Set=33.55)  
avg1=53.55~18% avg2=na



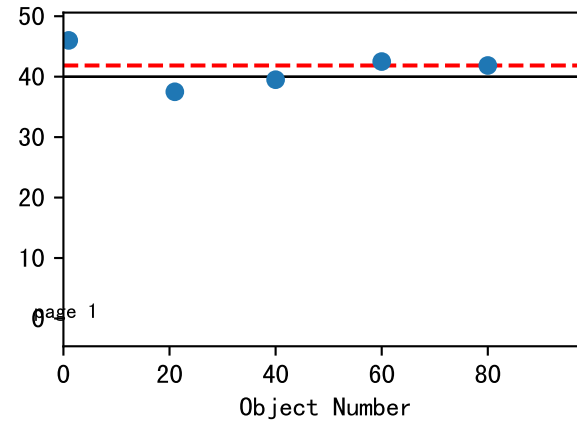
NdD\_avgAbsY (Def=na Set=14.22)  
avg1=14.22~19% avg2=na



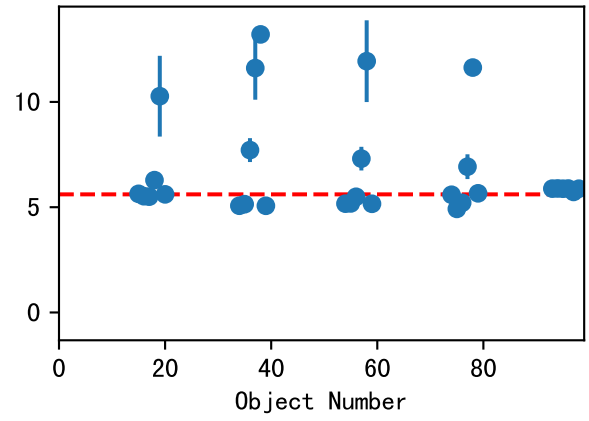
FrV\_Q90AbsY (Def=179.5 Set=107.48)  
avg1=107.48~40% avg2=na



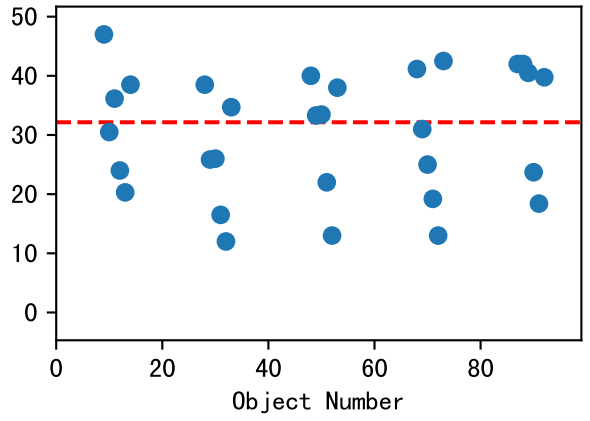
LfL\_Q90AbsY (Def=40 Set=41.85)  
avg1=41.85~8% avg2=na



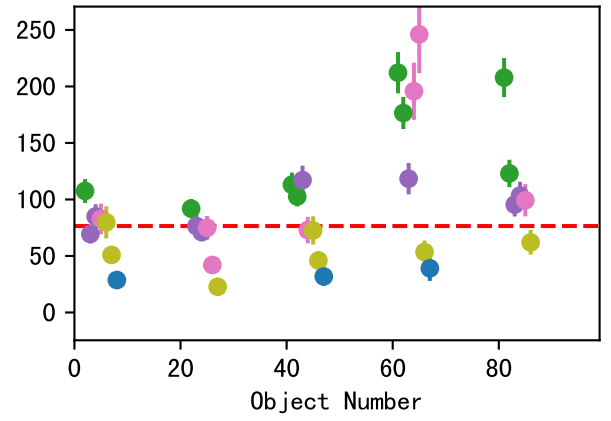
NdL\_avgAbsY (Def=na Set=3.61)  
avg1=5.61~12% avg2=na



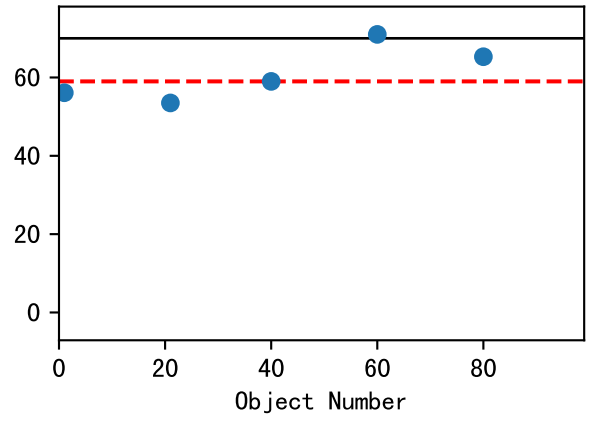
LTL\_avgAbsY (Def=na Set=32.13)  
avg1=32.13~38% avg2=na



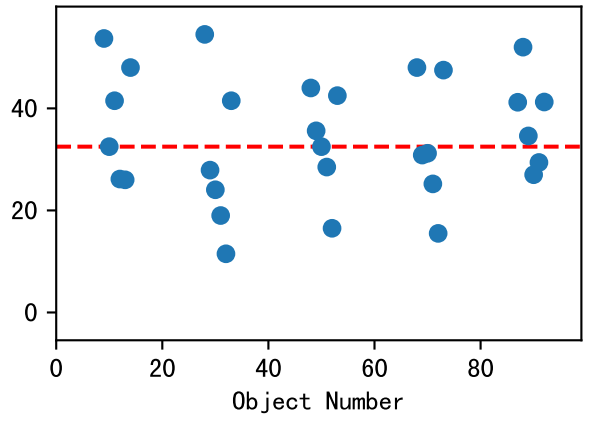
Frv\_avgAbsY (Def=na Set=76.48)  
avg1=76.48~44% avg2=na



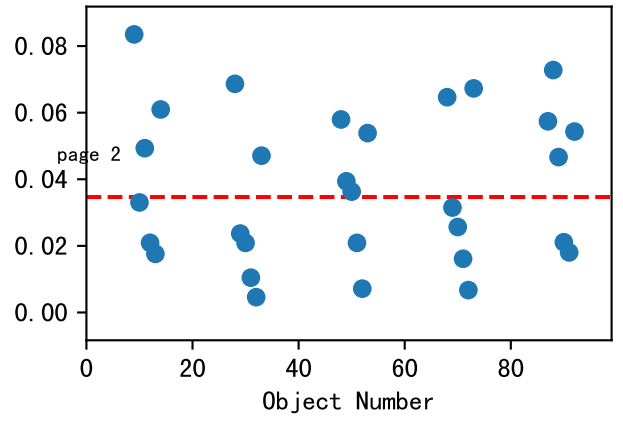
FrD\_Q90AbsY (Def=70 Set=59.0)  
avg1=59.0~12% avg2=na

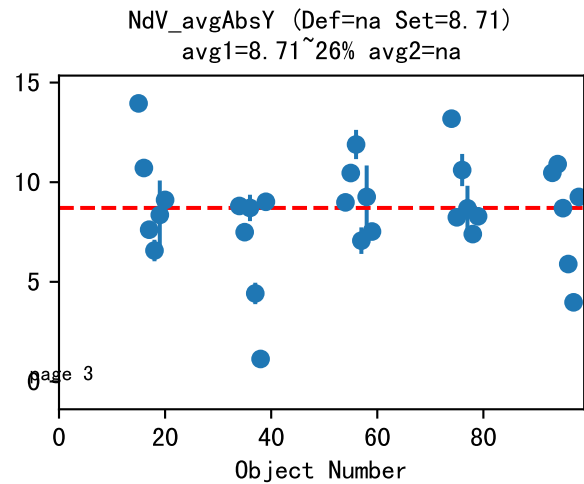
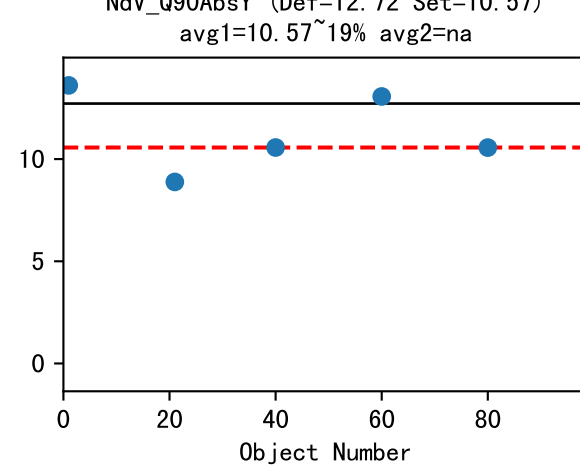
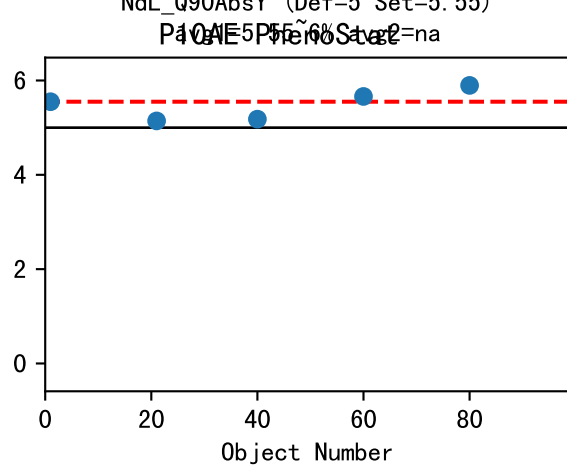
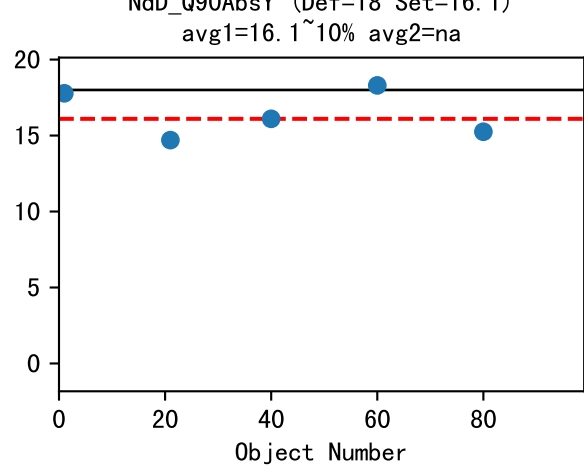


LfW\_avgAbsY (Def=na Set=32.5)  
avg1=32.5~36% avg2=na

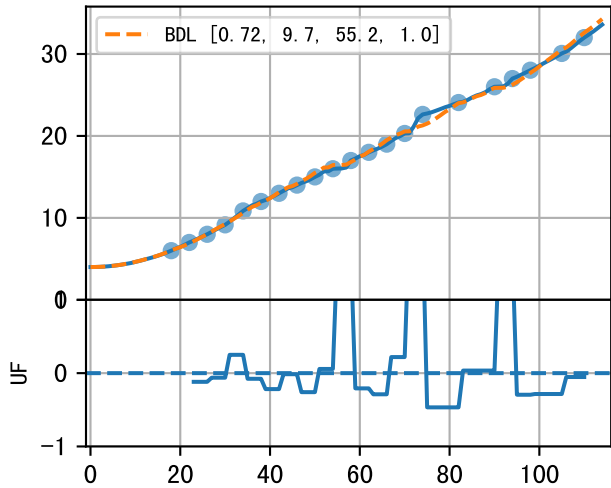


LfA\_avgAbsY (Def=na Set=0.03)  
avg1=0.03~65% avg2=na

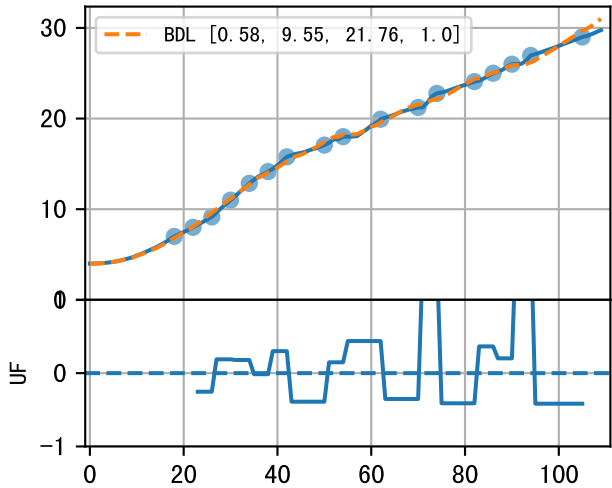




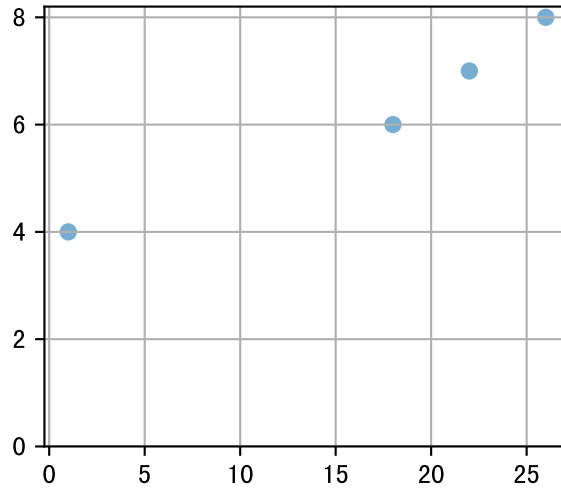
P10AE-081-12 (fit failed)



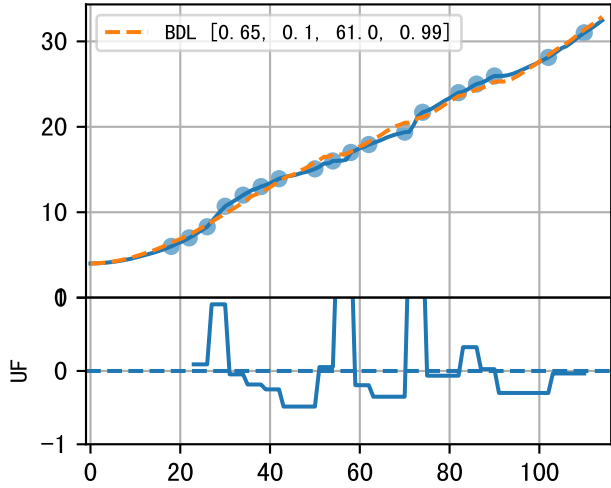
P10AE-087-27 (fit failed)



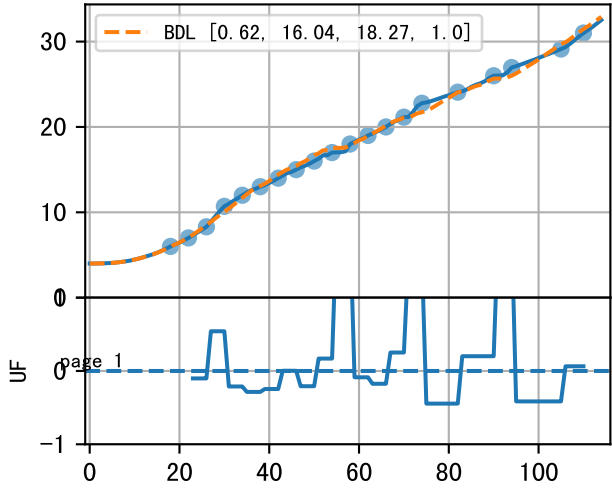
P10AE-095-20 (fit failed)



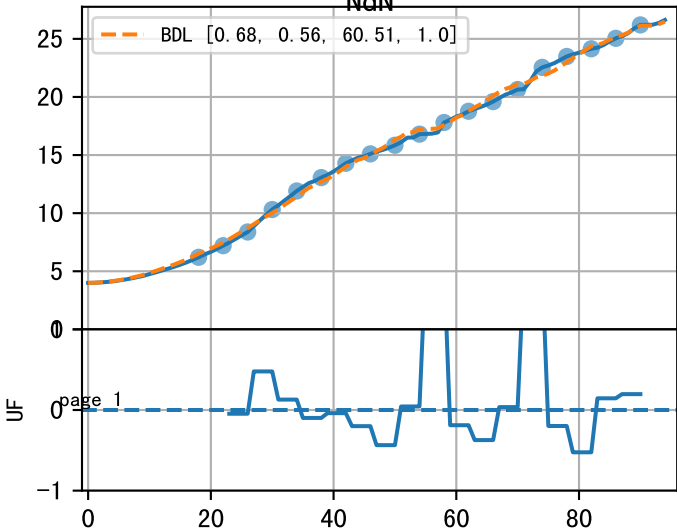
P10AE-103-32 (fit failed)



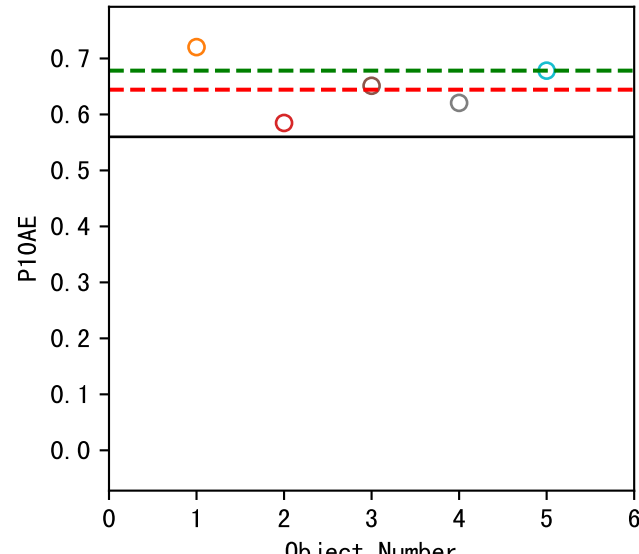
P10AE-114-7 (fit failed)



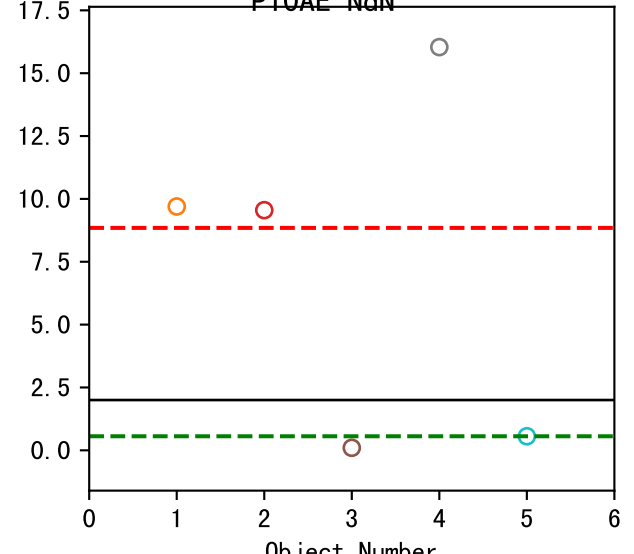
PIOAEavg (left-tailed)  
NdN



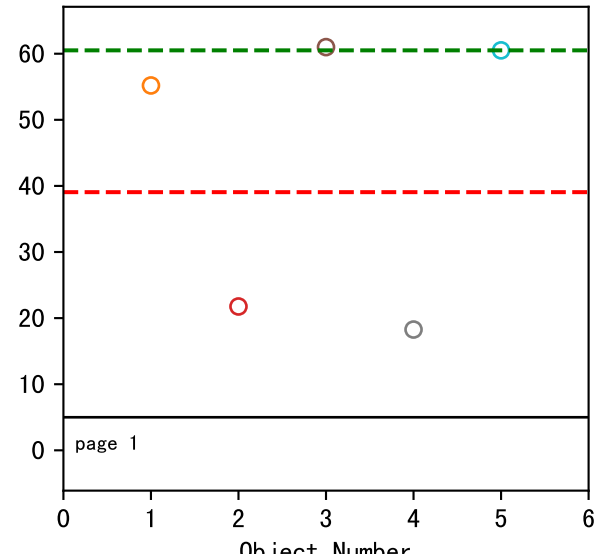
avg1=0.64 (fail) avg2=0.68

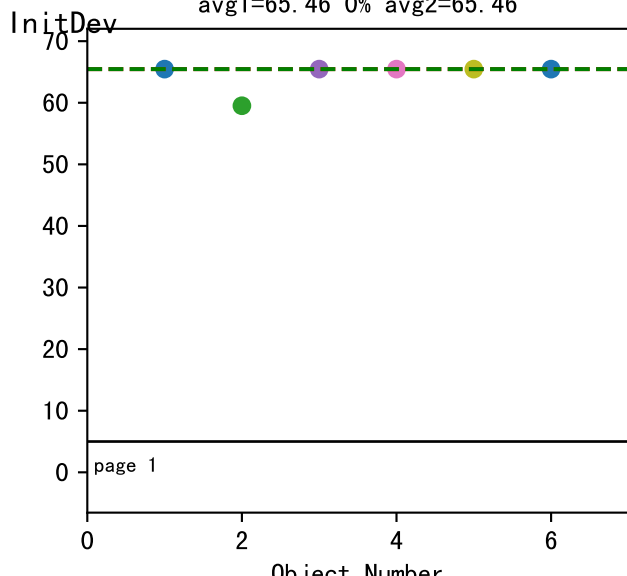
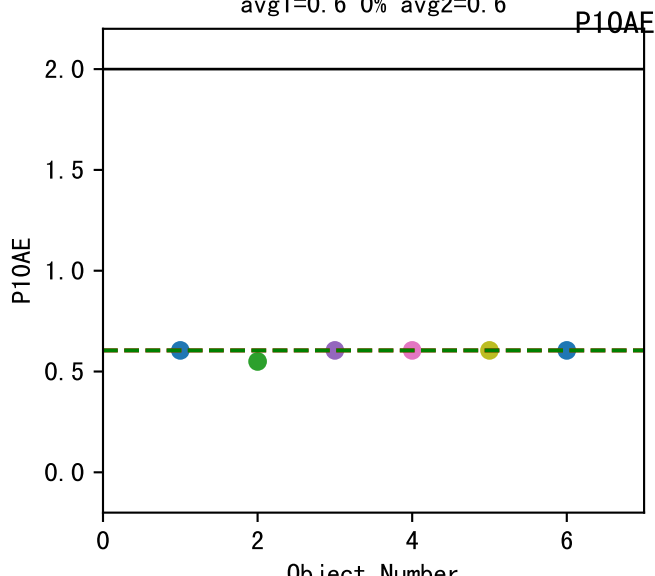


avg1=8.85 (fail) avg2=0.56

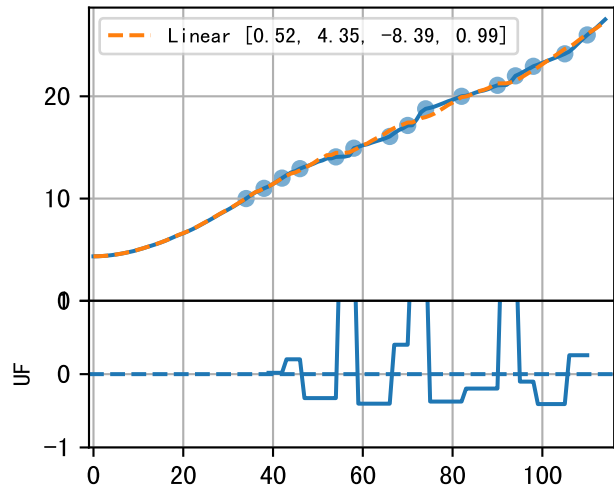


avg1=39.06 (fail) avg2=60.51

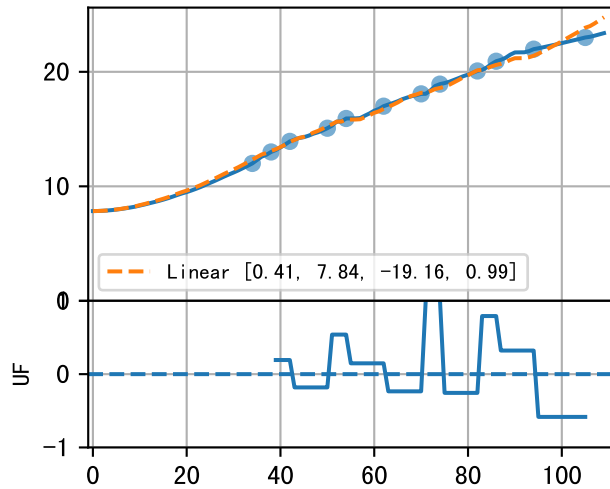




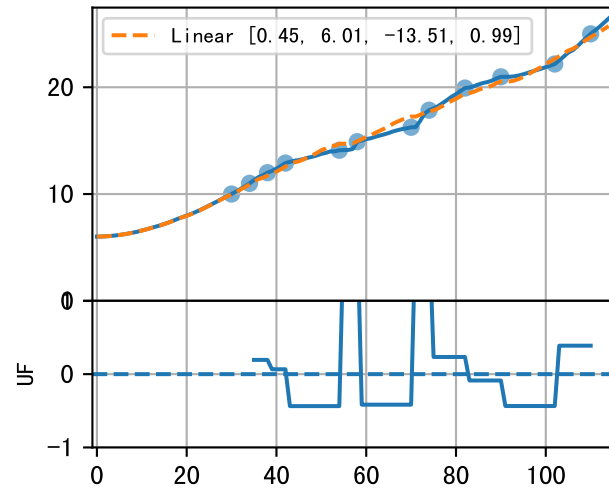
P10AE-081-12



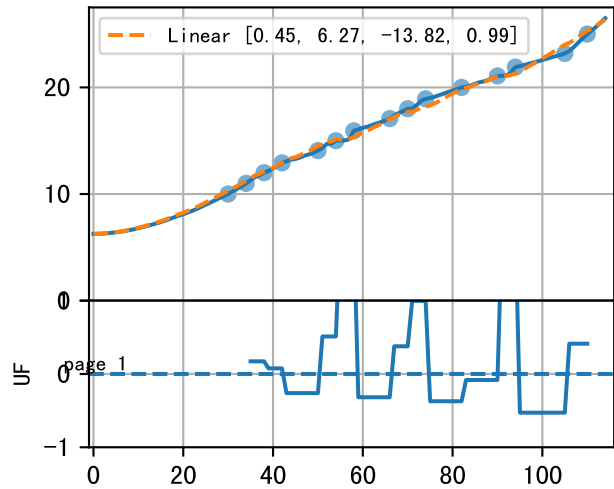
P10AE-087-27



P10AE-103-32

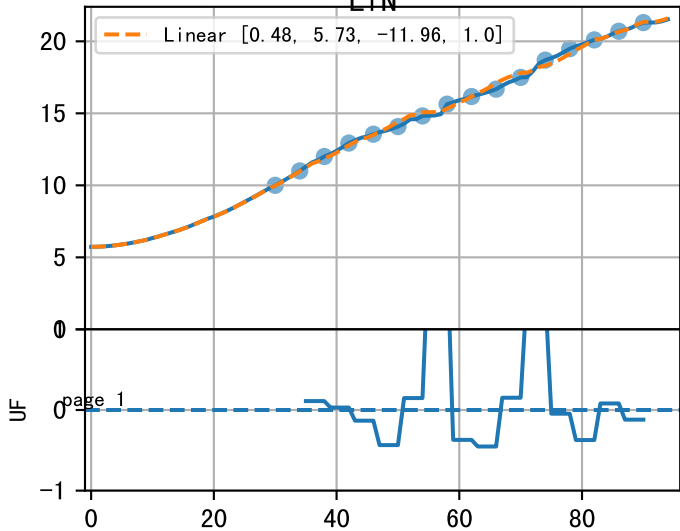


P10AE-114-7

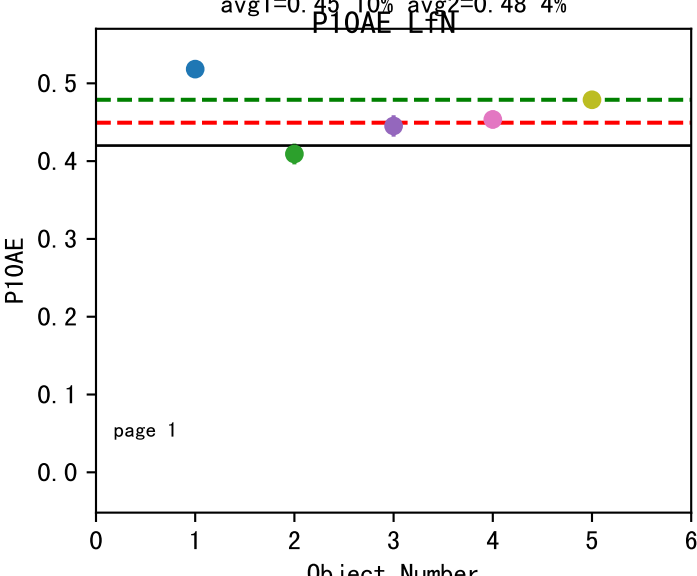


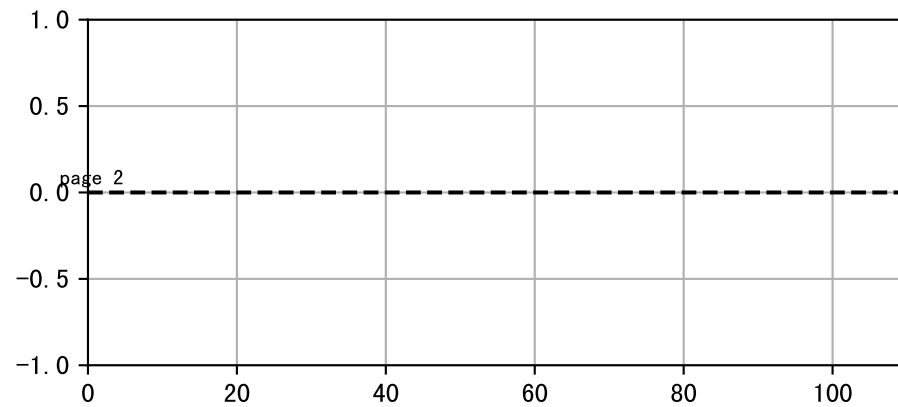
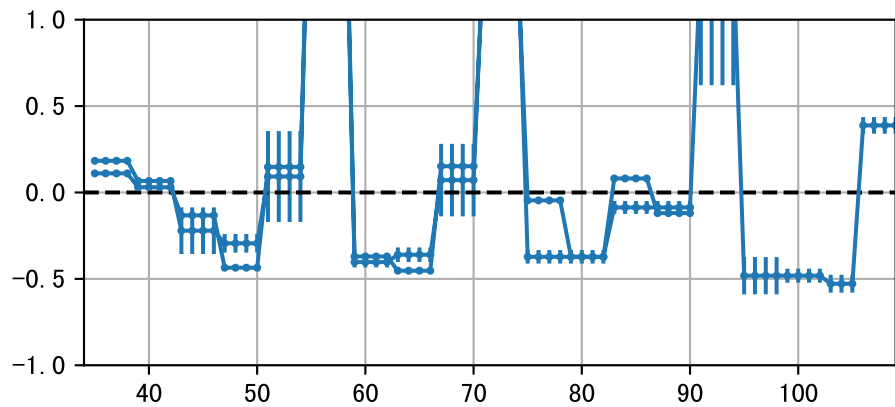
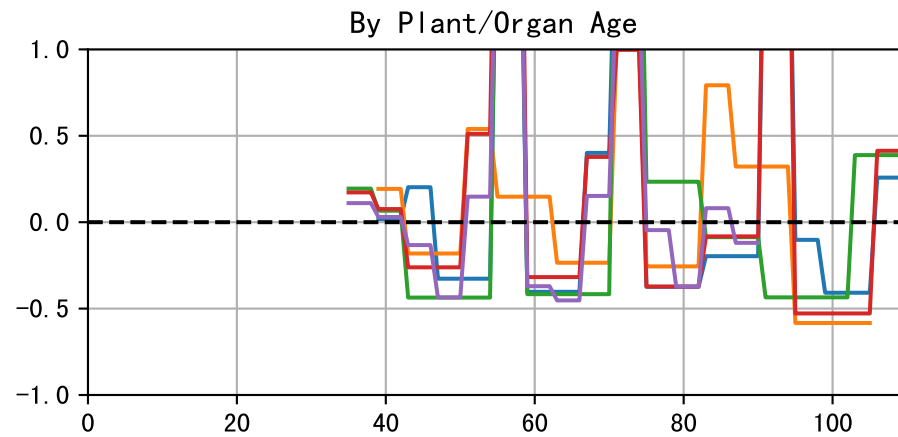
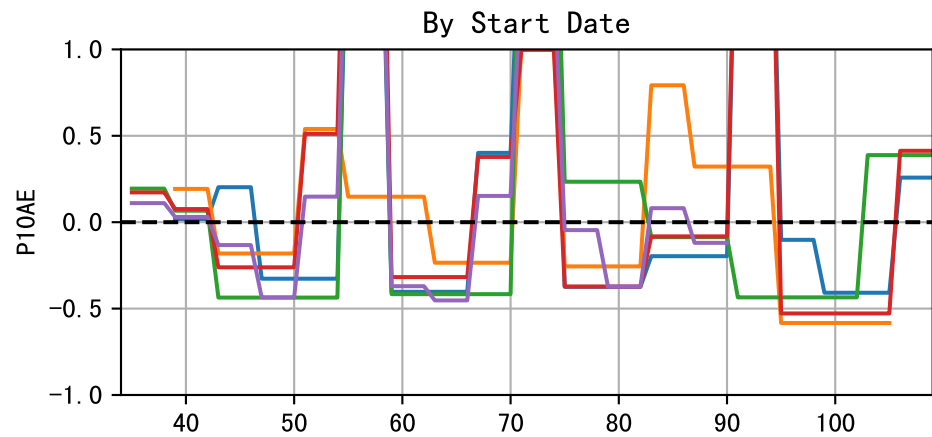
PTUARavg  
Lfn

Linear [0.48, 5.73, -11.96, 1.0]

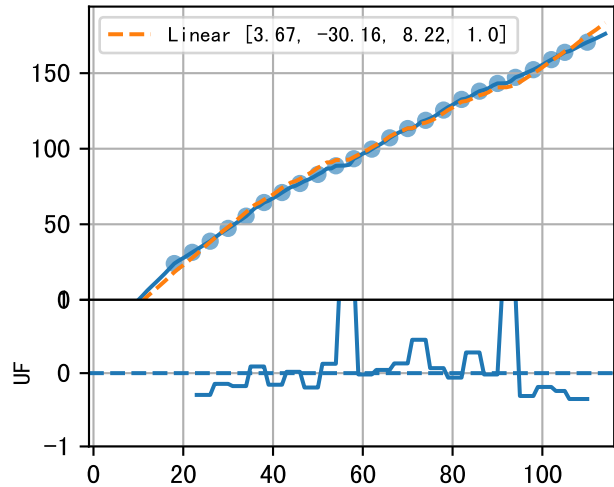


page 1

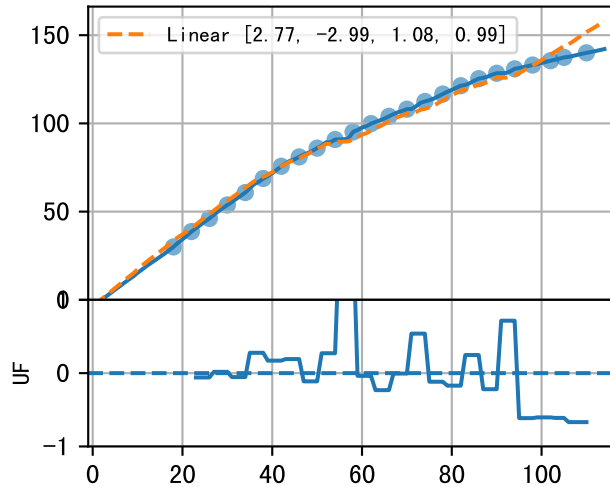




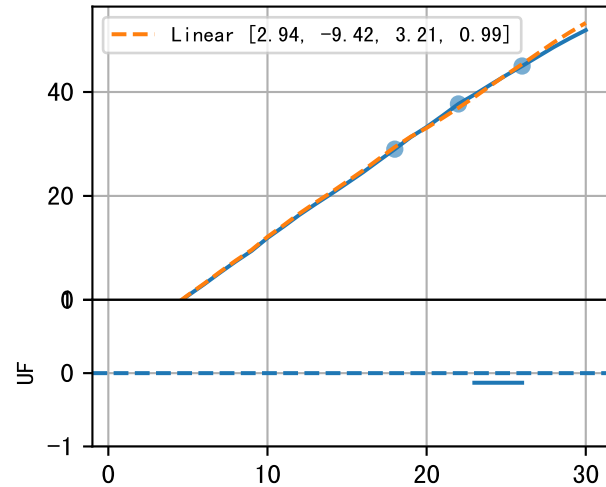
P10AE-081-12



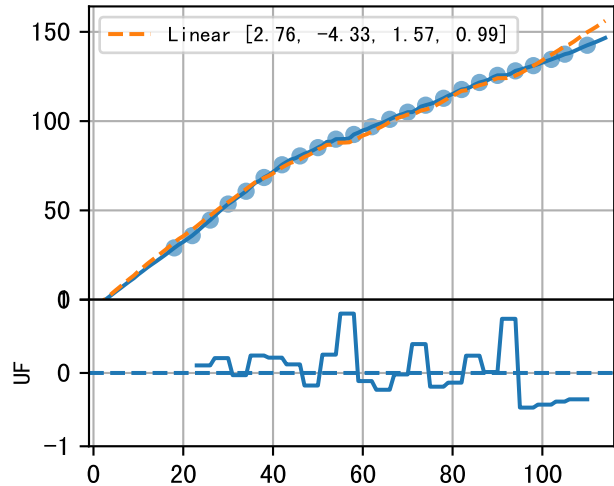
P10AE-087-27



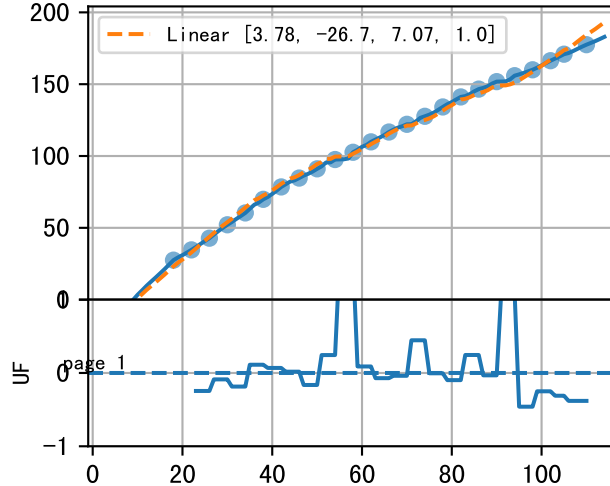
P10AE-095-20

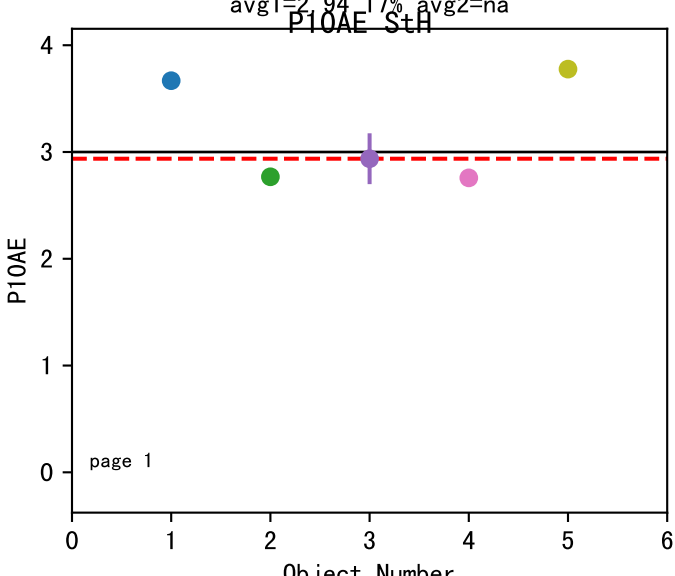


P10AE-103-32

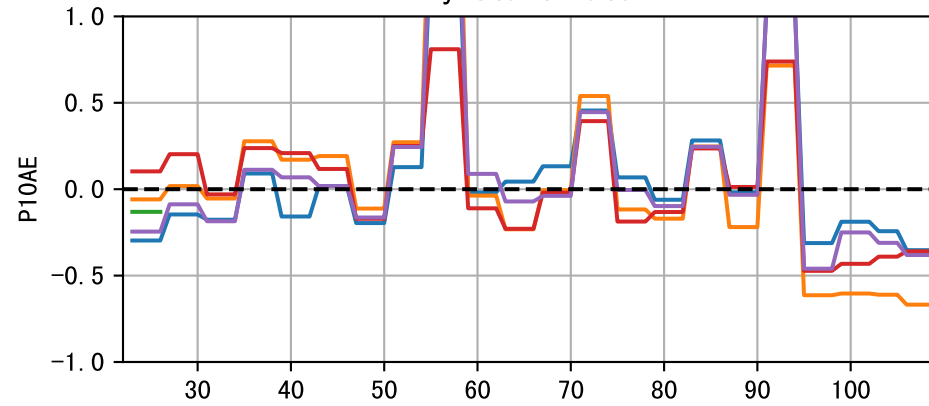


P10AE-114-7

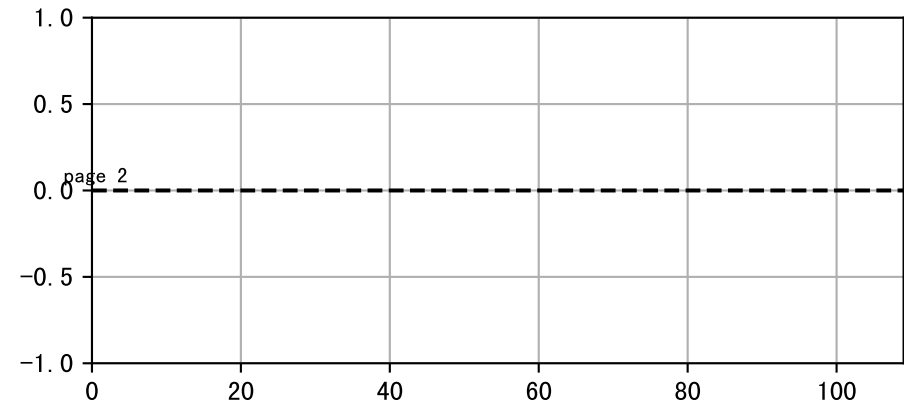
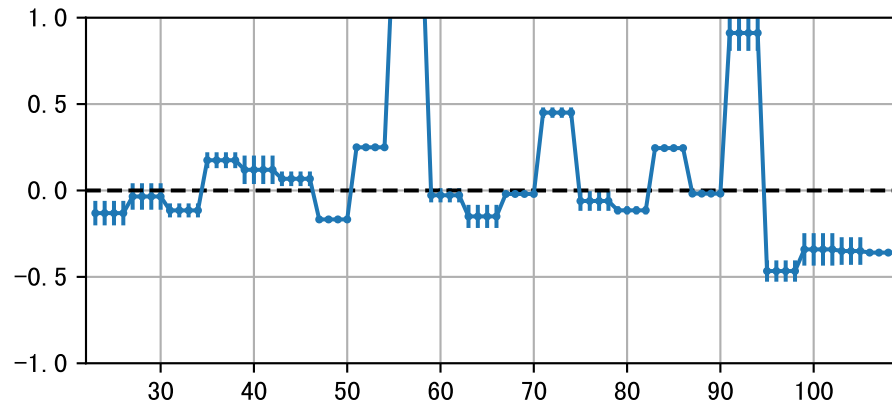
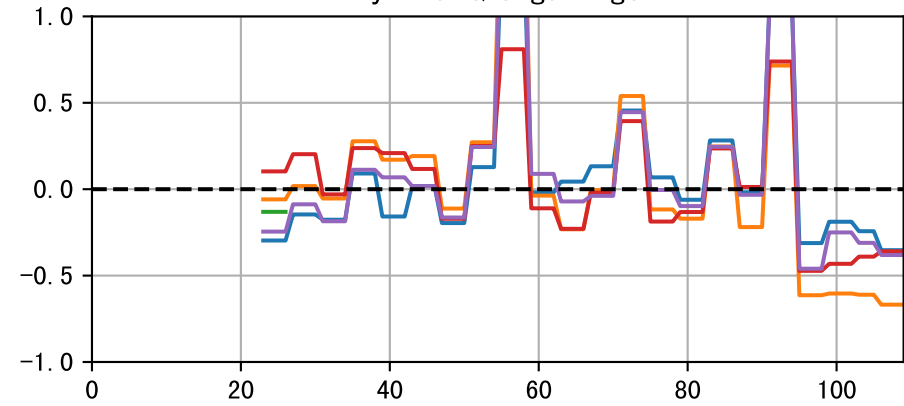




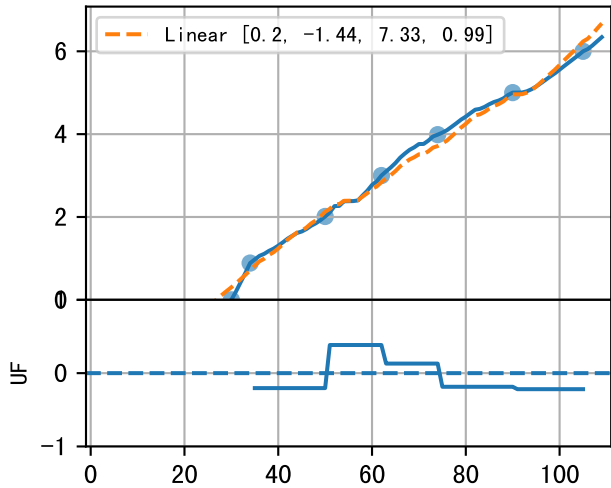
By Start Date



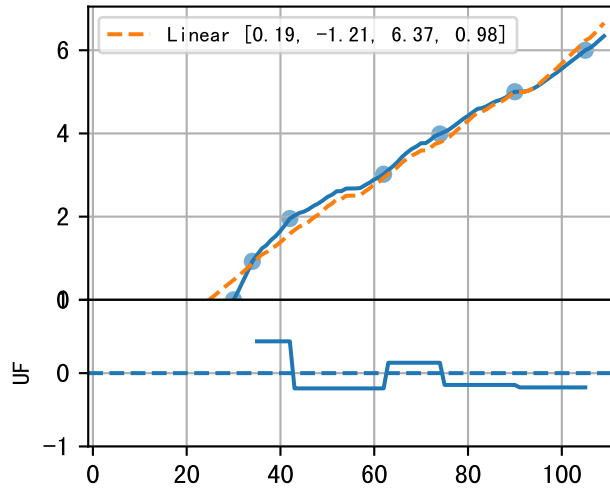
By Plant/Organ Age



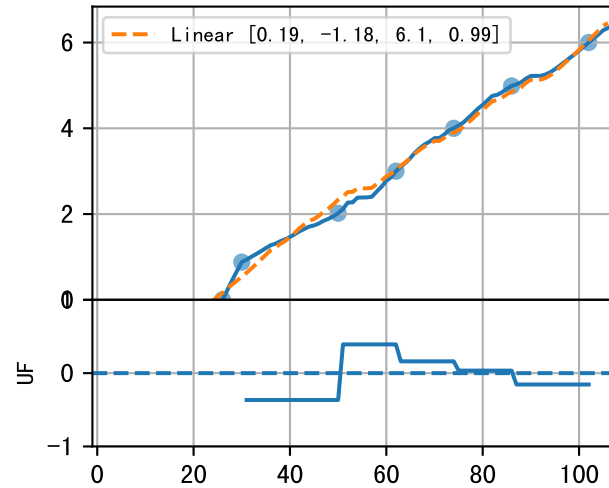
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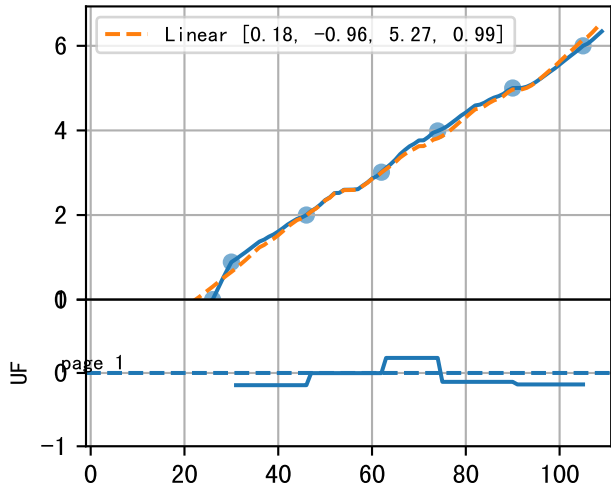
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P10AE-103-32

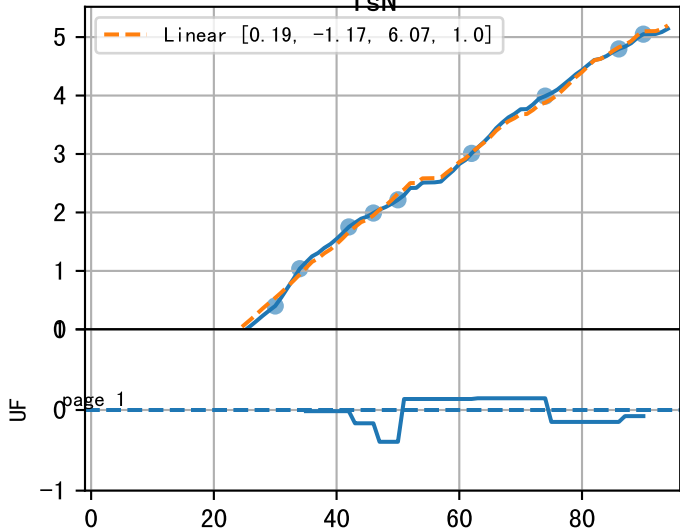


P10AE-114-7

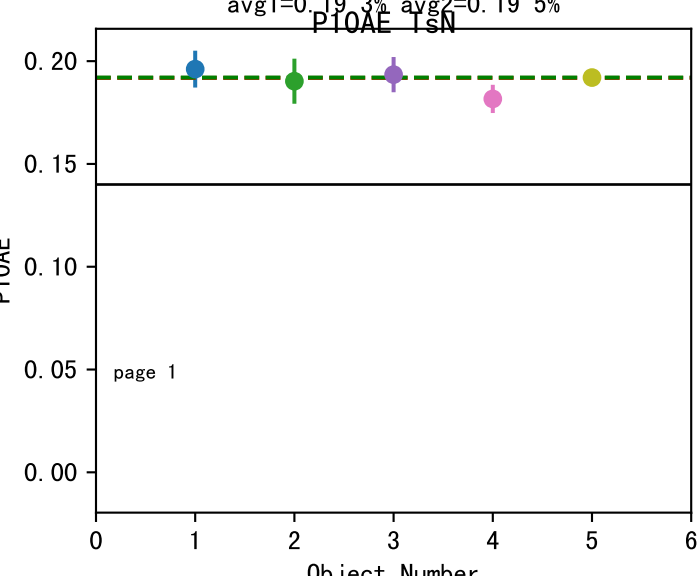


PIUARavg  
TSN

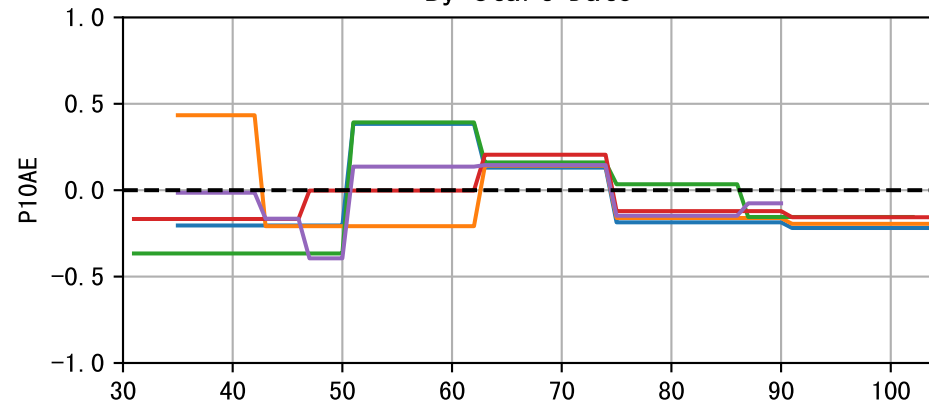
Linear [0.19, -1.17, 6.07, 1.0]



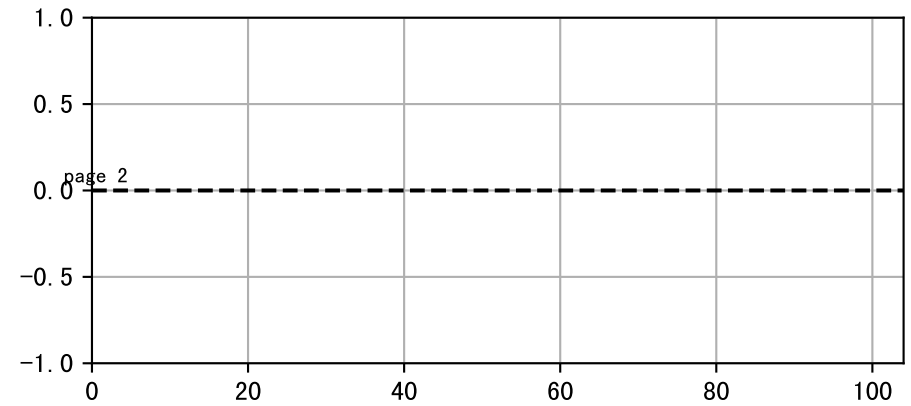
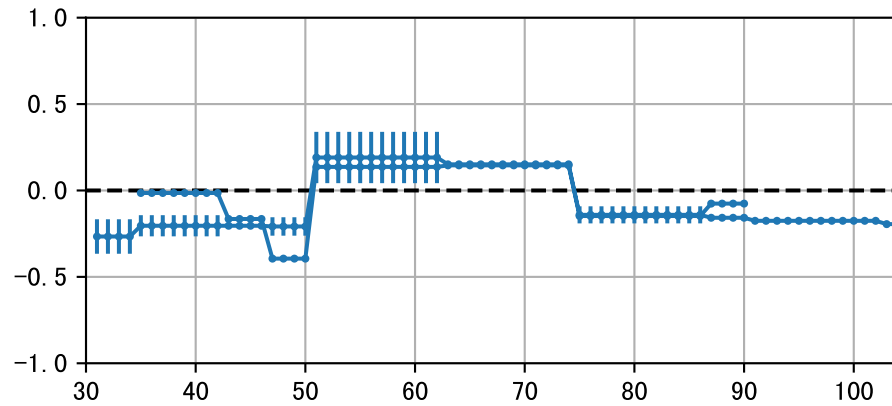
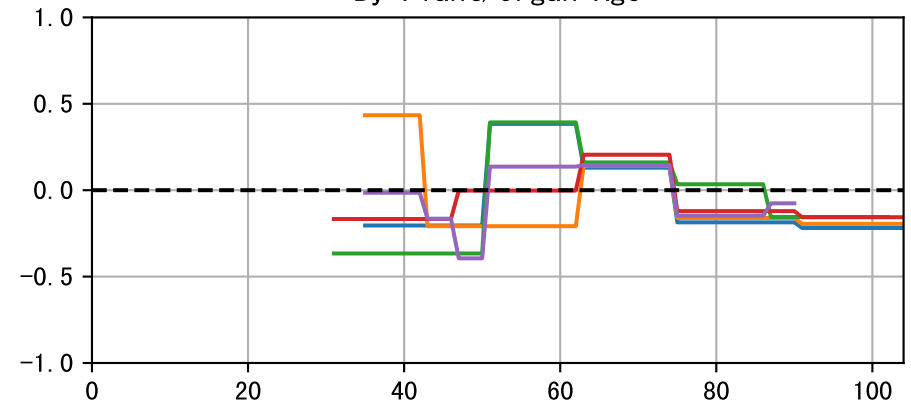
page 1



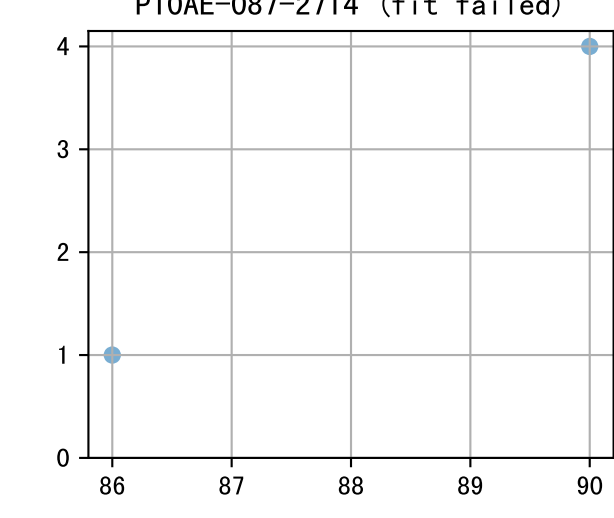
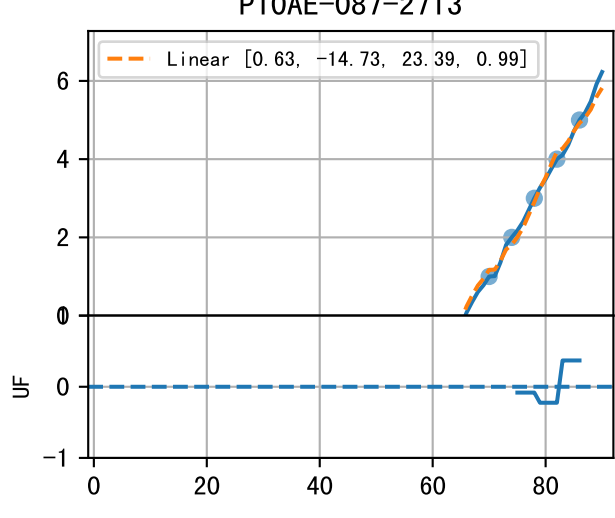
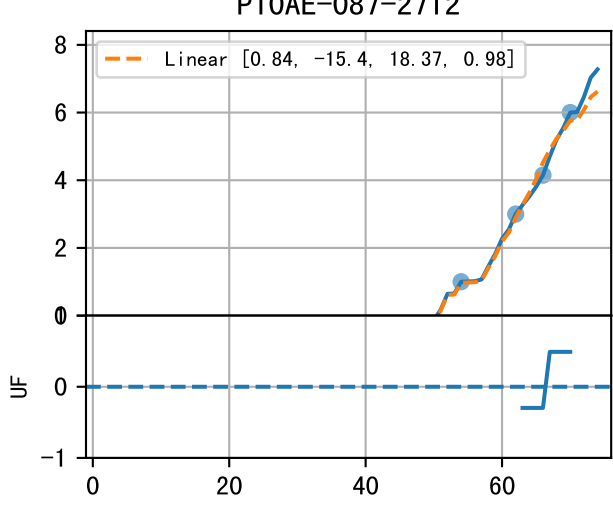
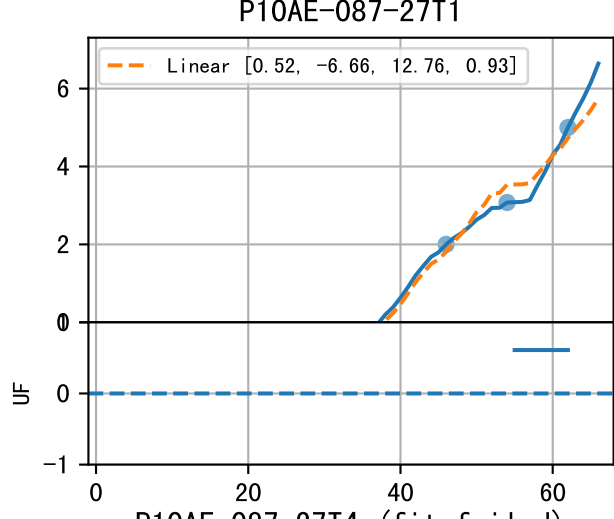
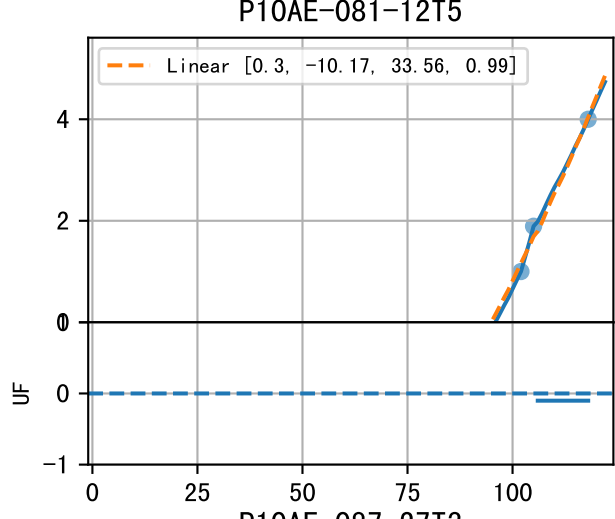
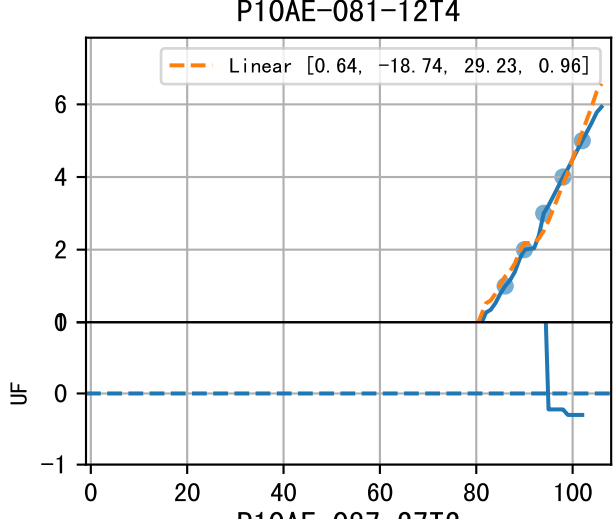
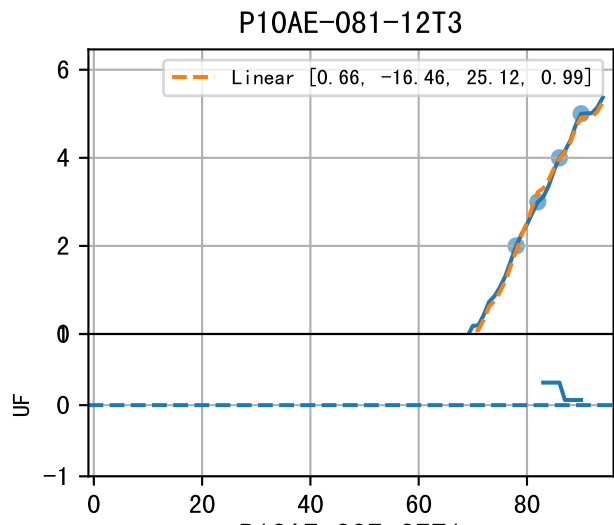
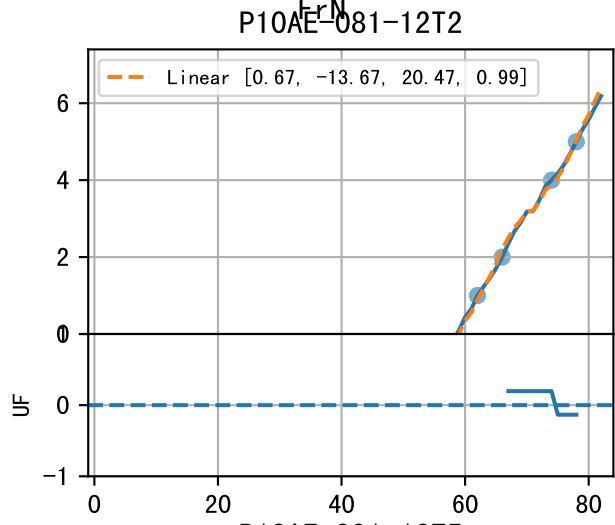
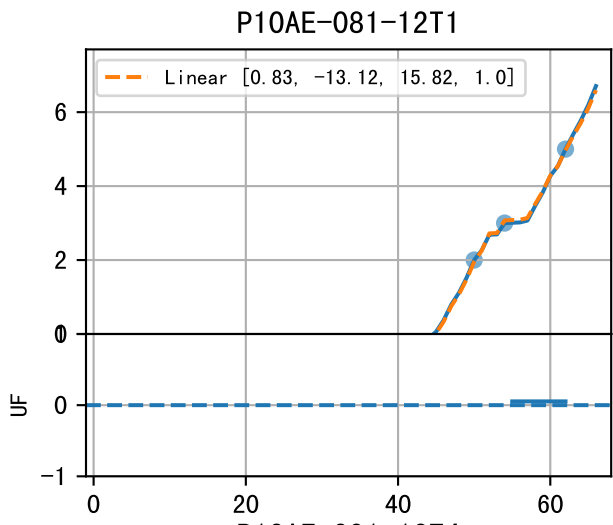
By Start Date



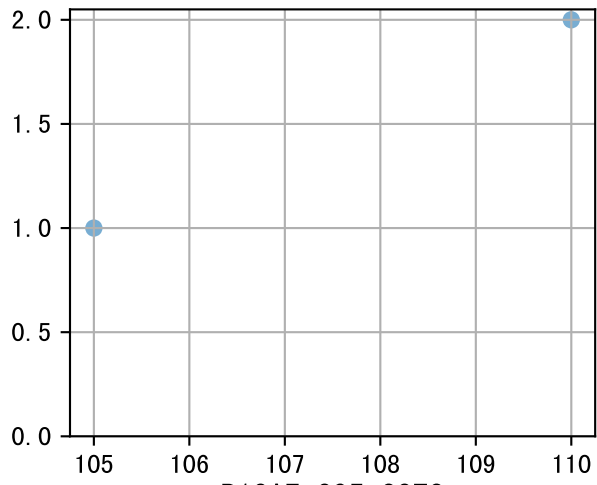
By Plant/Organ Age



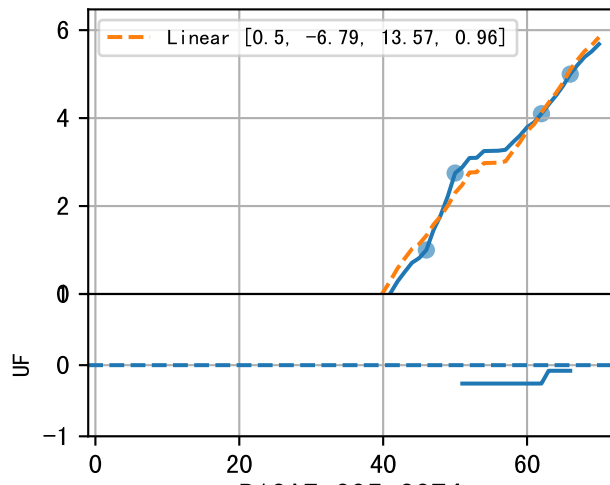
ErN



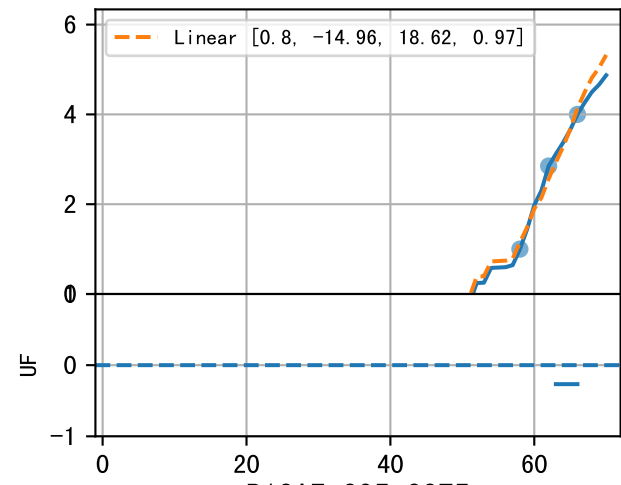
P10AE-087-27T5 (fit failed)



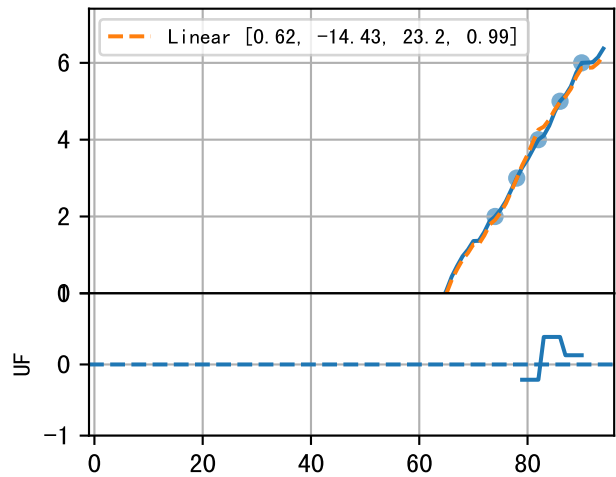
P10AE-095-20T1



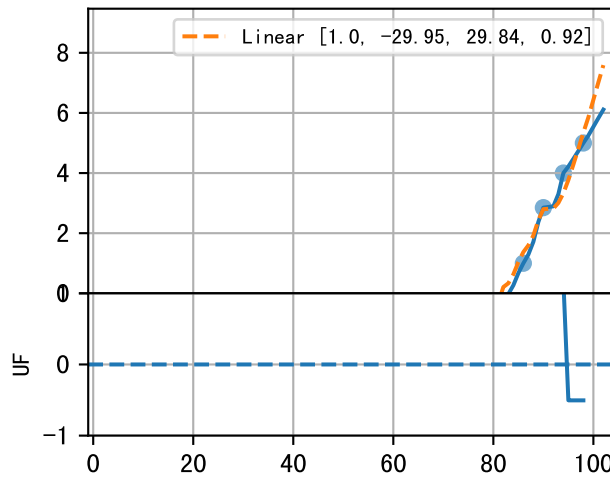
P10AE-095-20T2



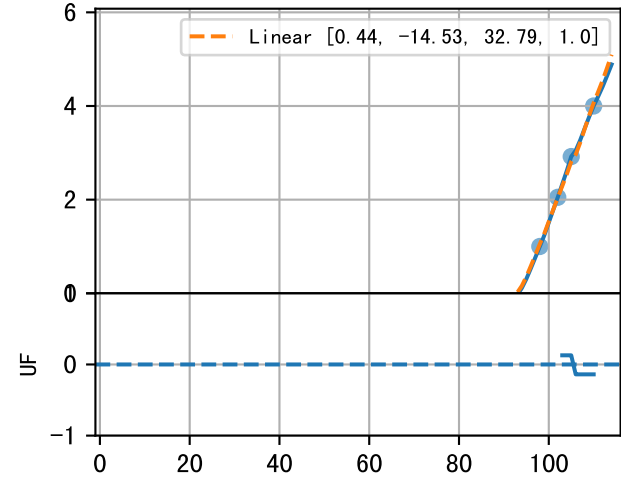
P10AE-095-20T3



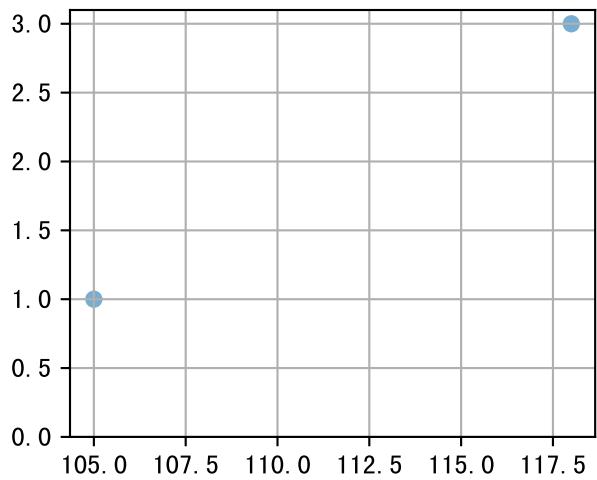
P10AE-095-20T4



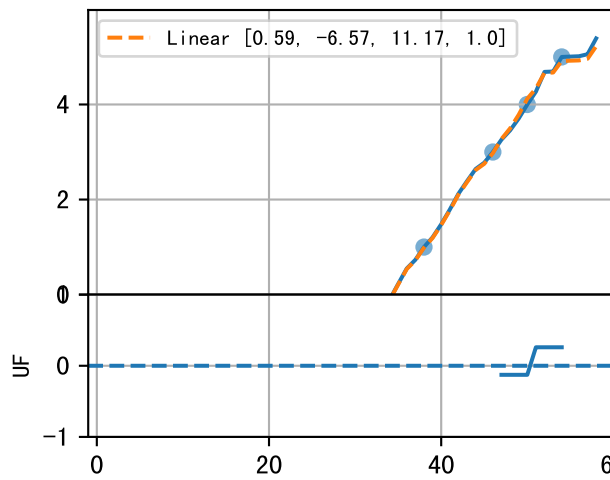
P10AE-095-20T5



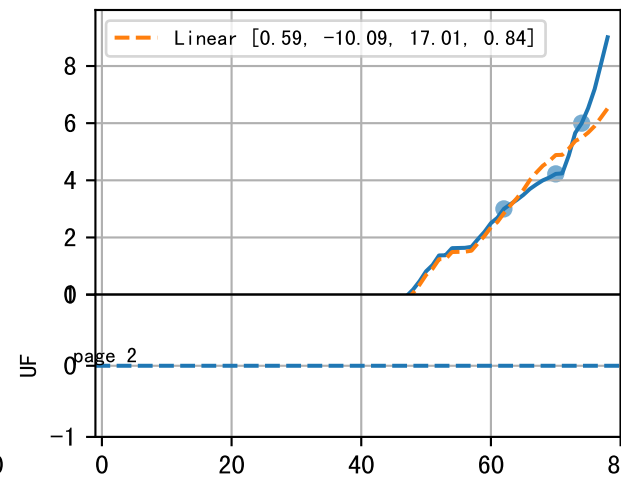
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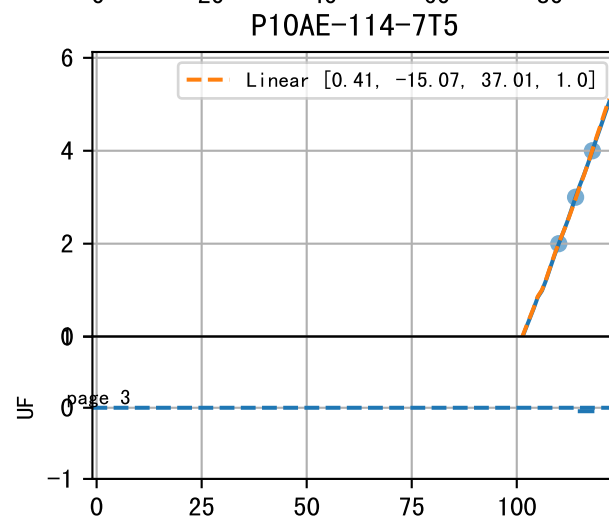
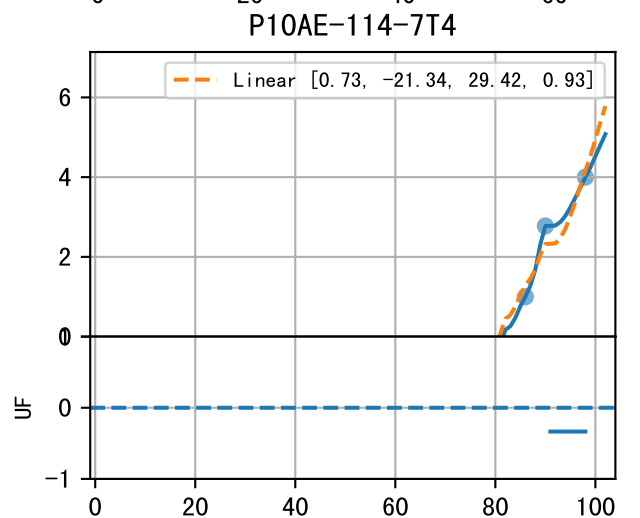
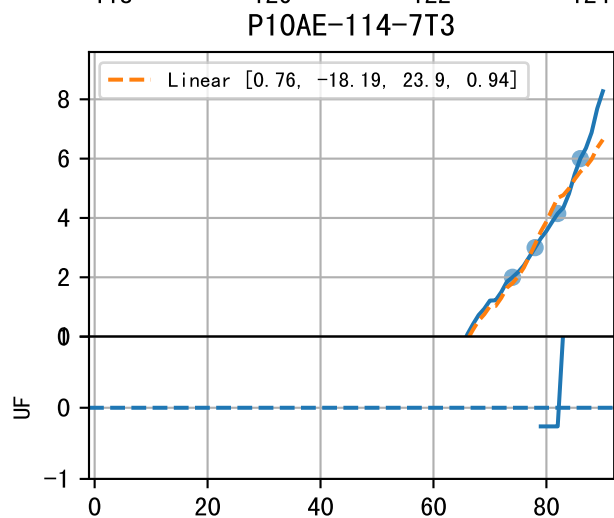
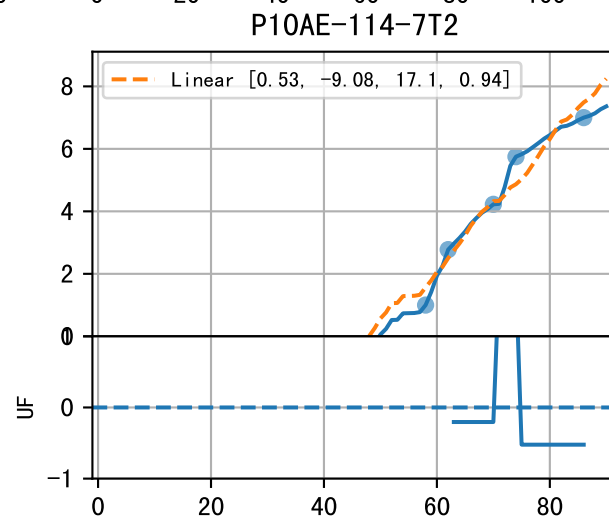
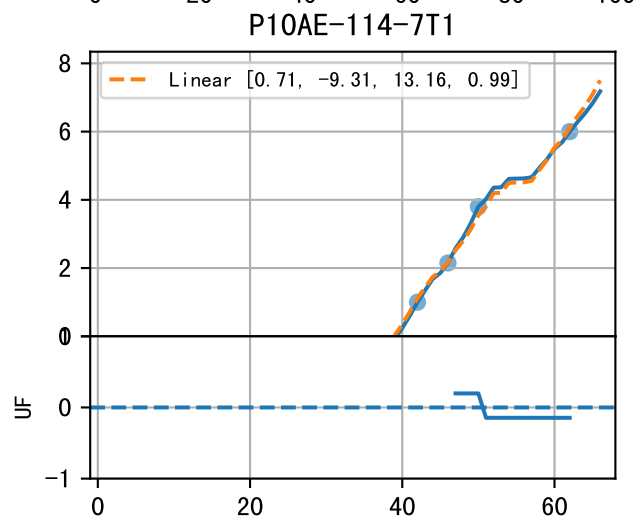
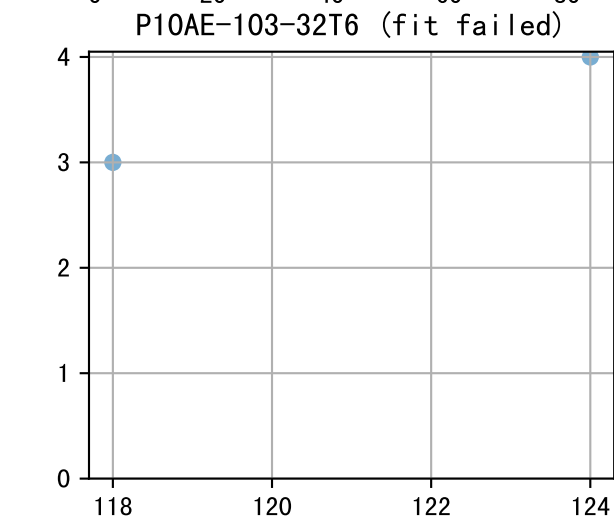
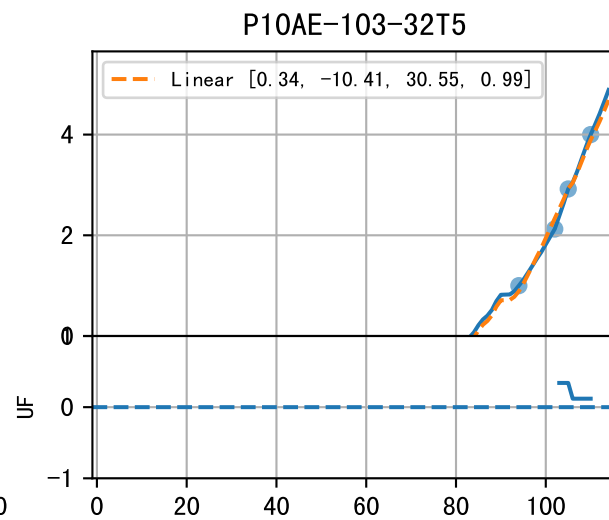
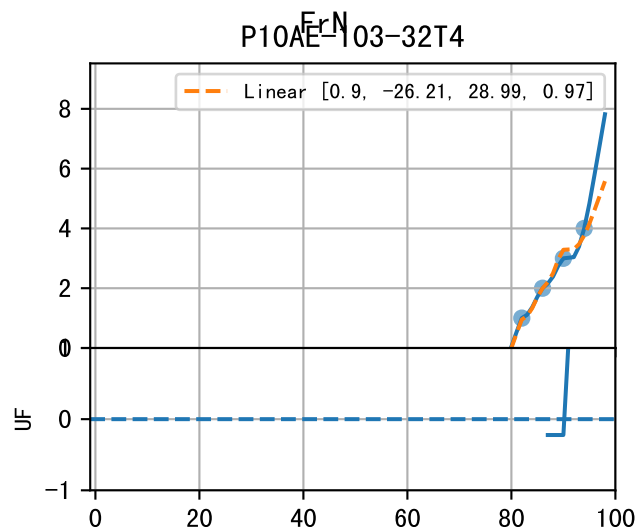
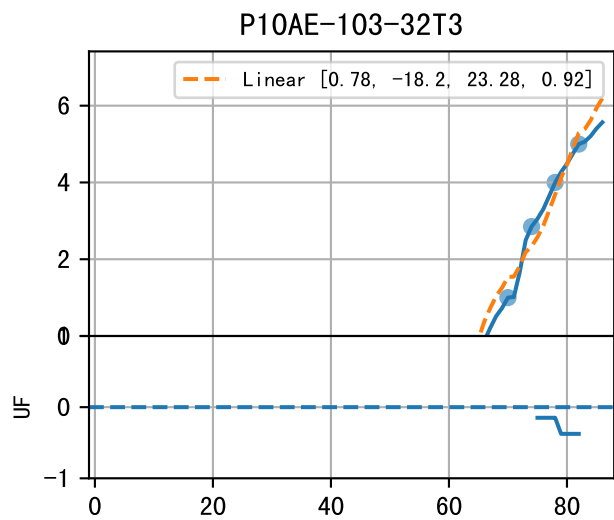


P10AE-103-32T1



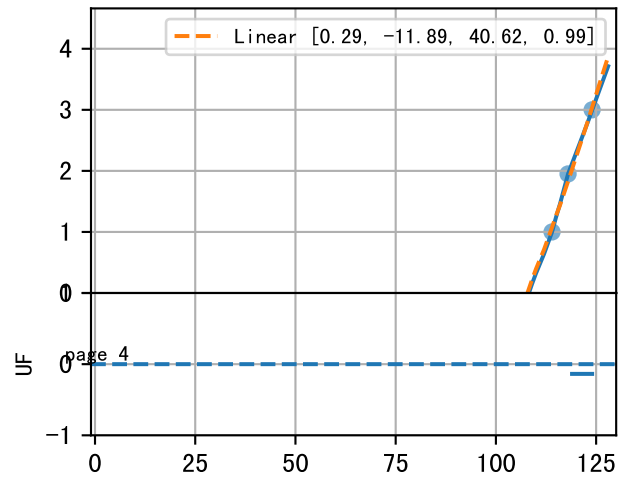
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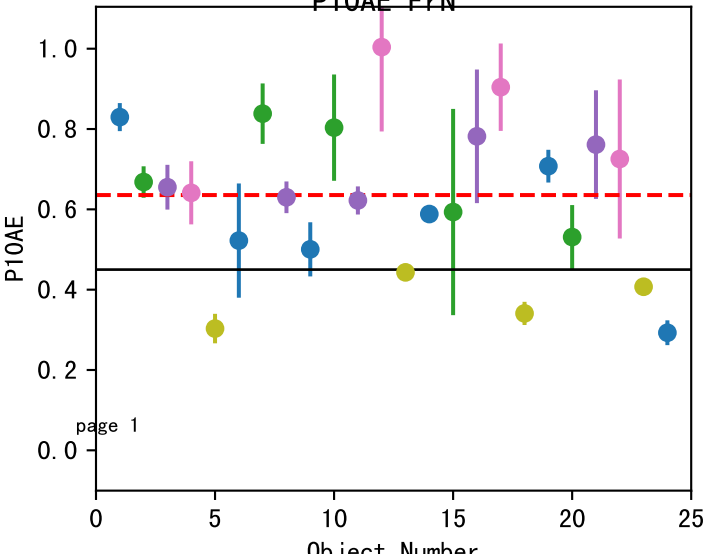


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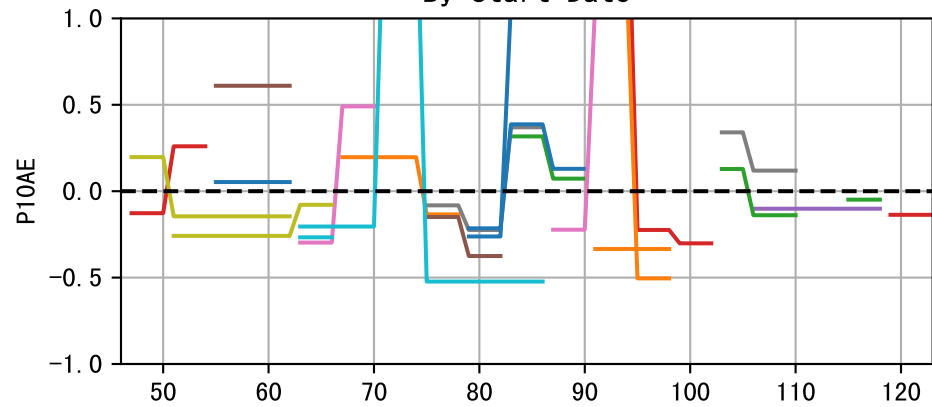
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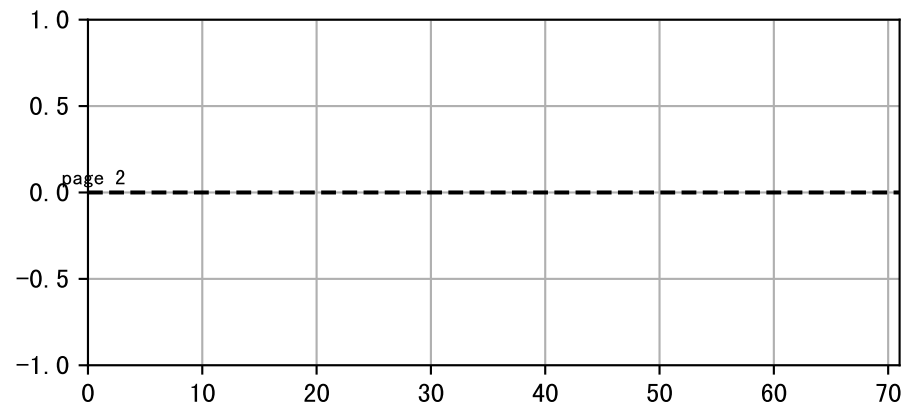
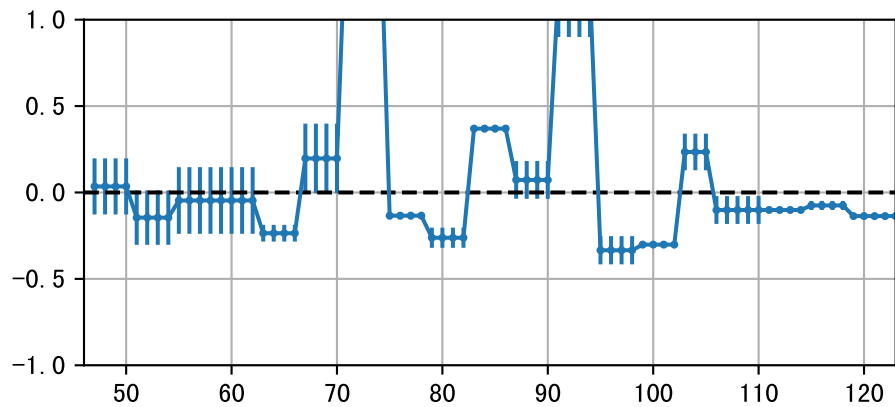
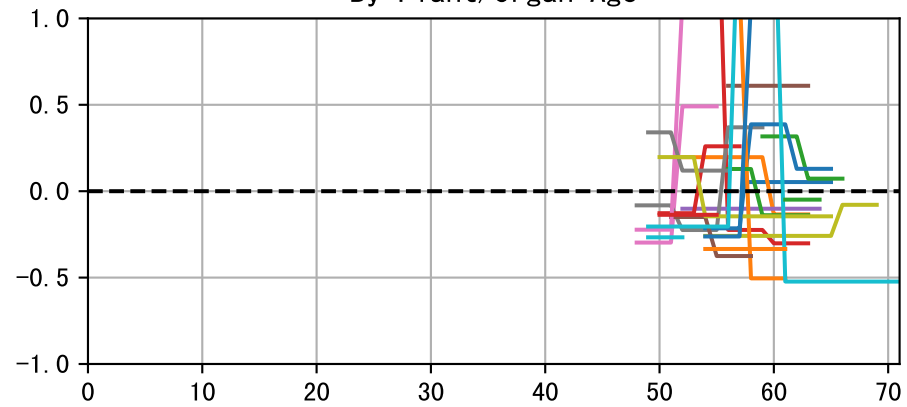
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P10AE FrN

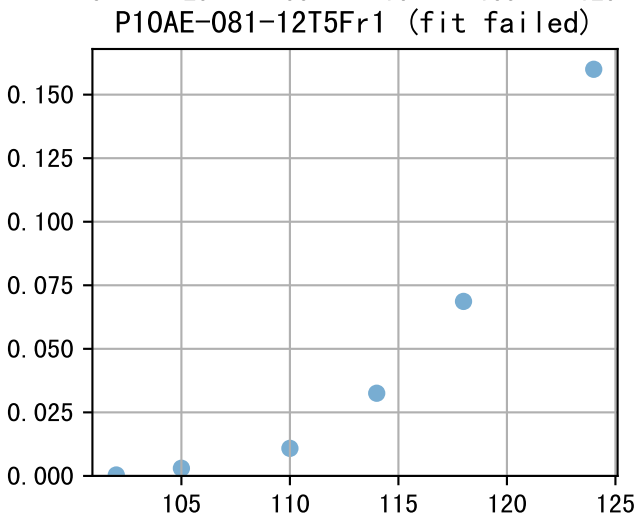
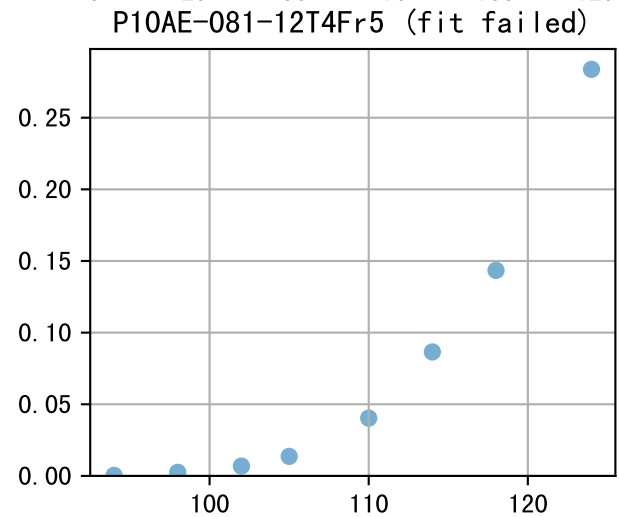
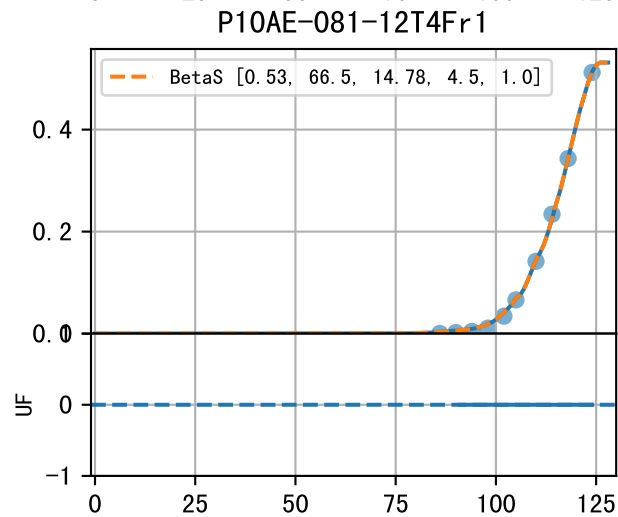
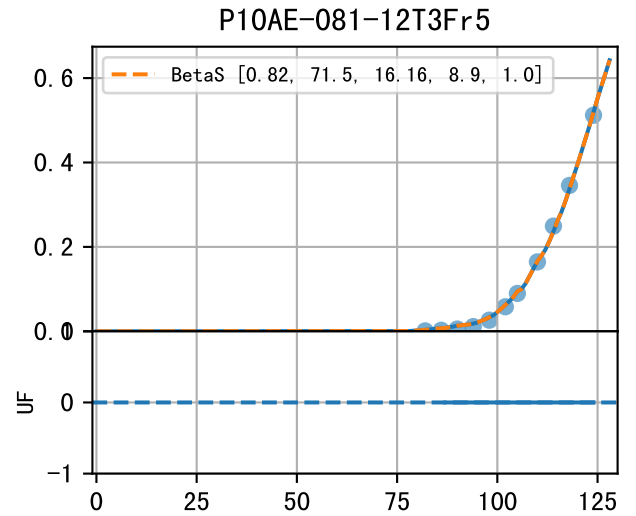
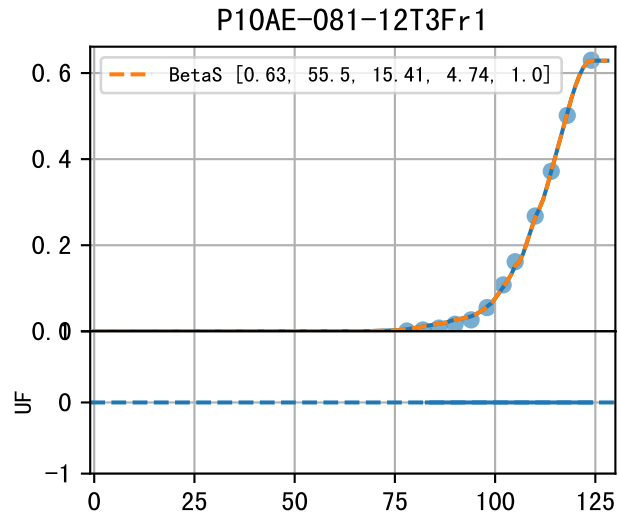
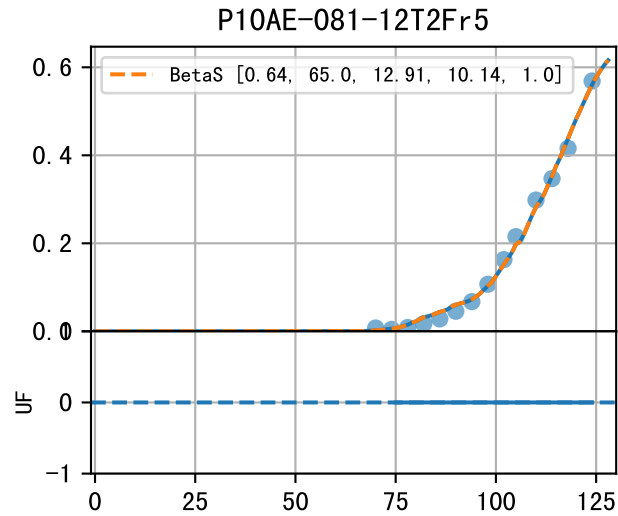
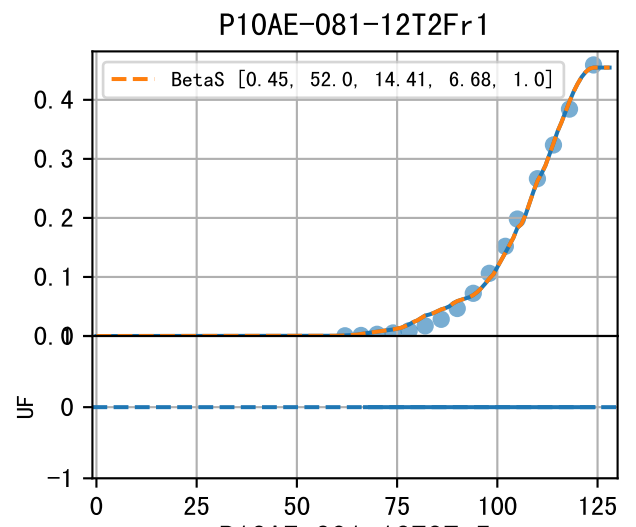
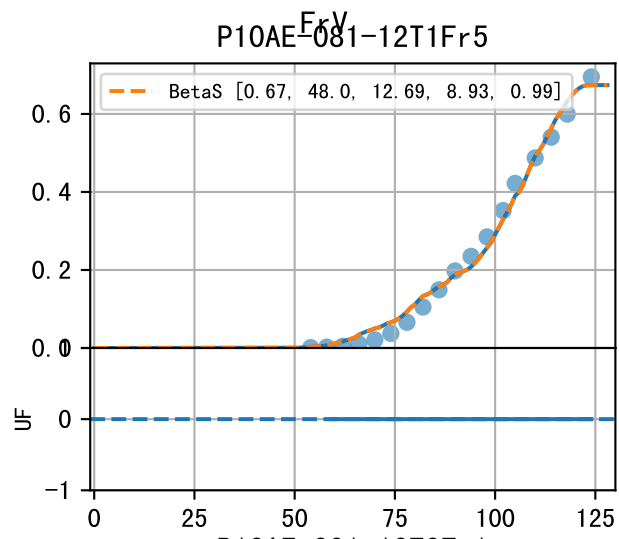
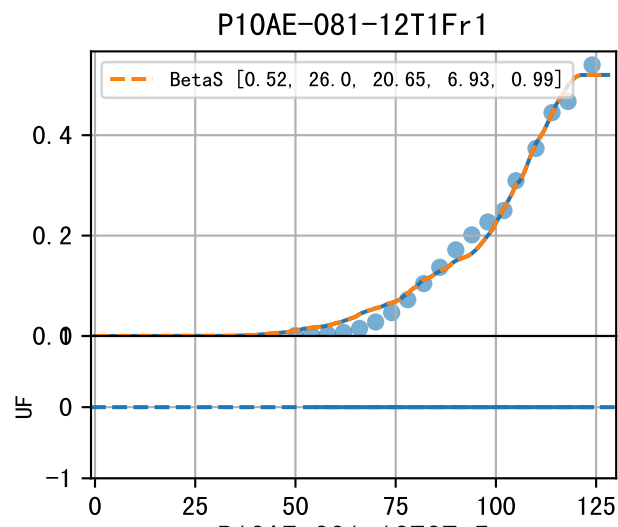


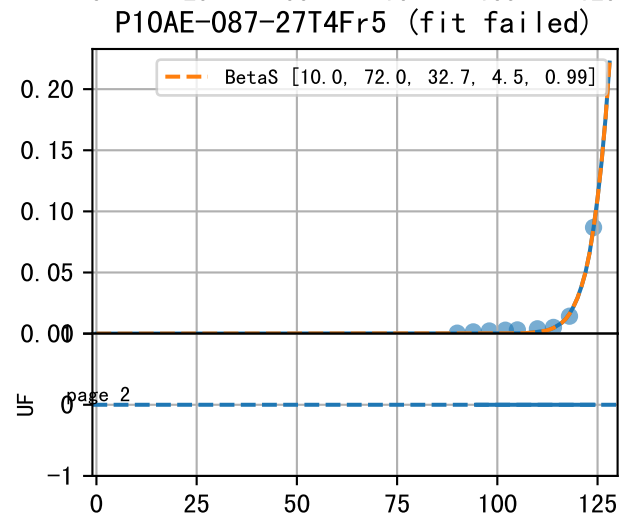
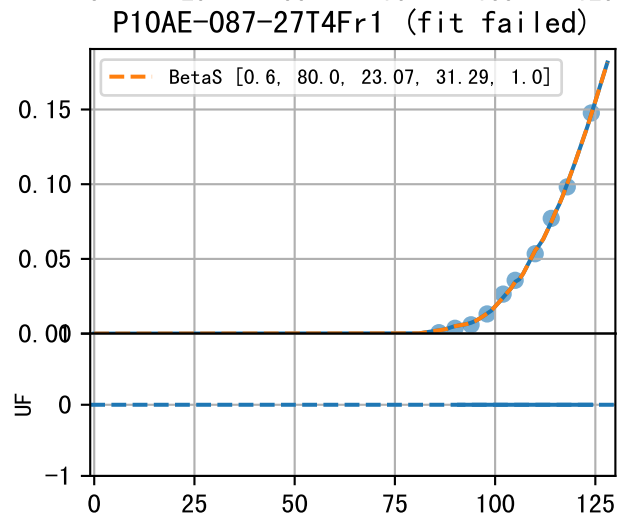
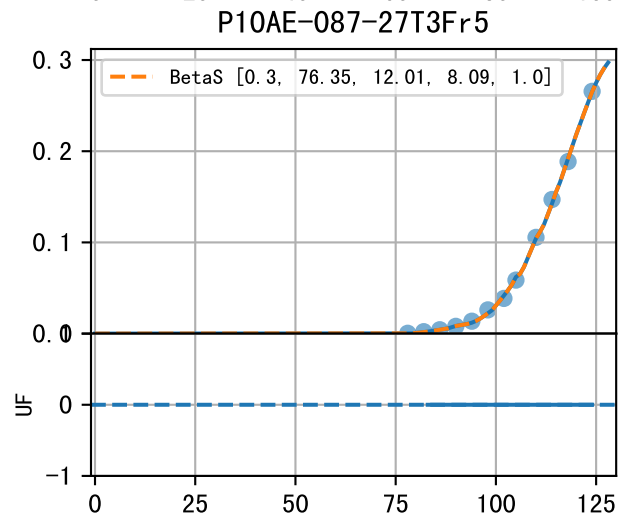
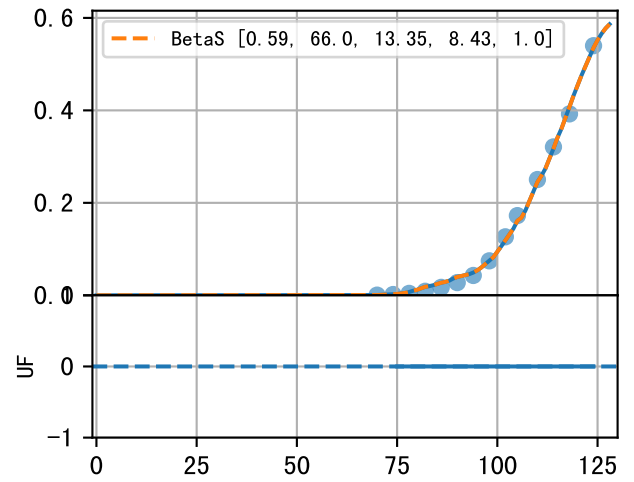
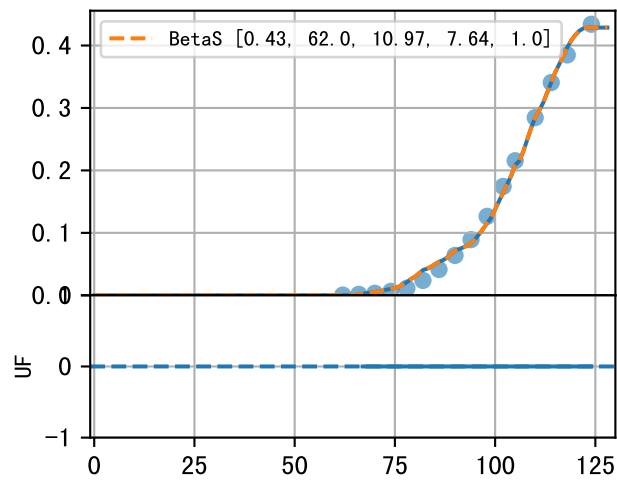
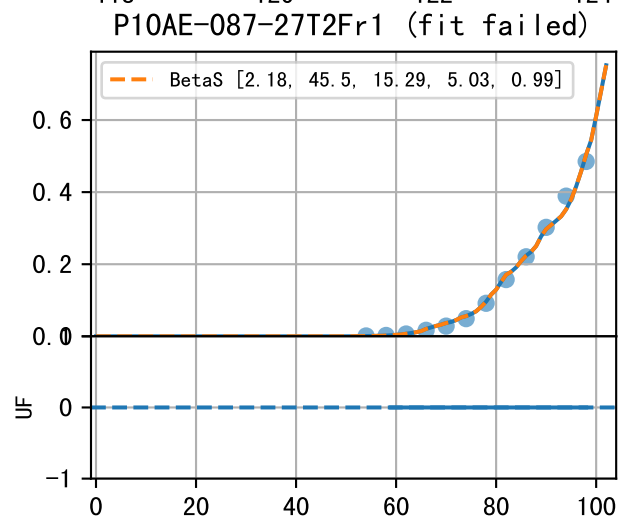
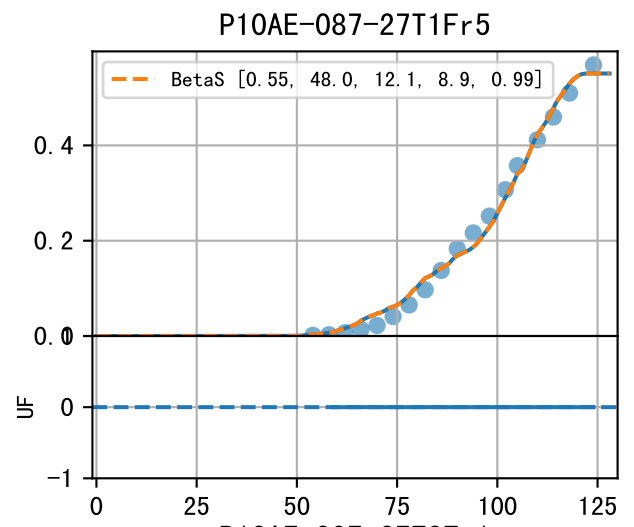
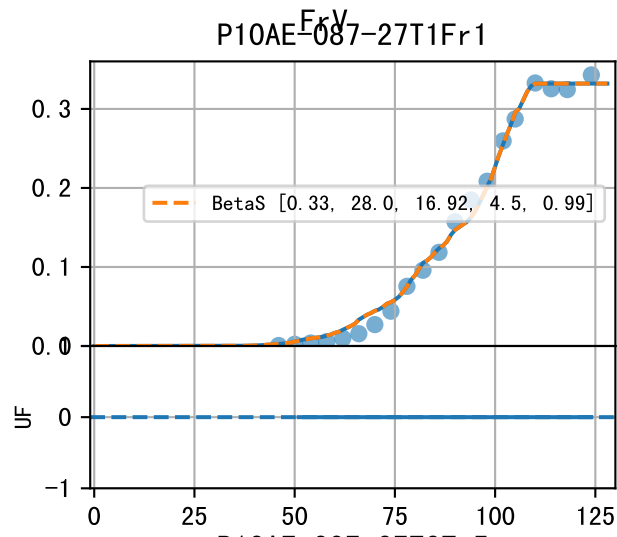
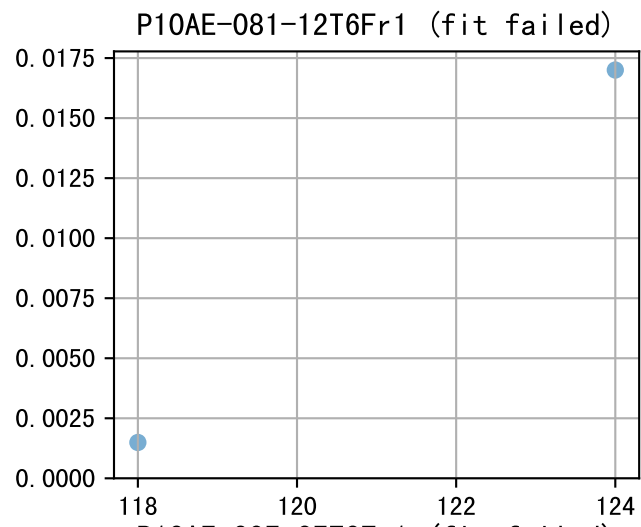
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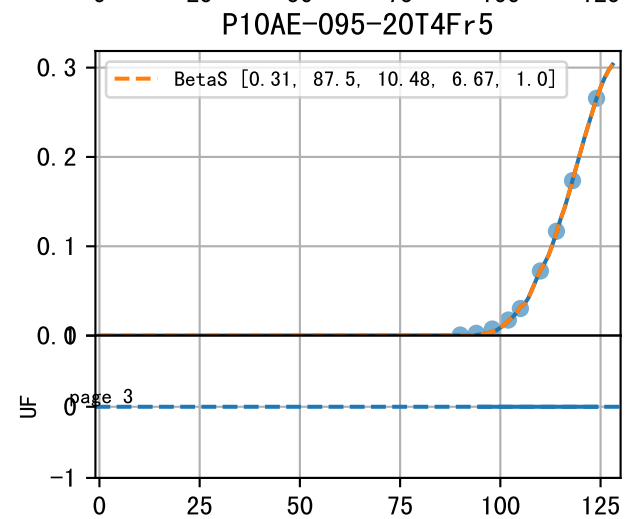
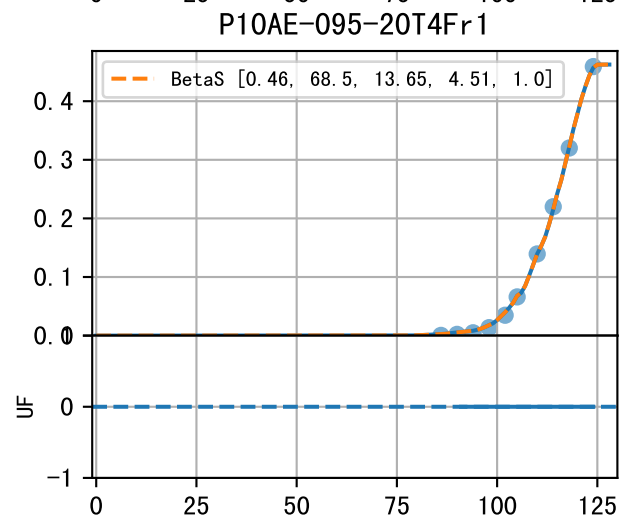
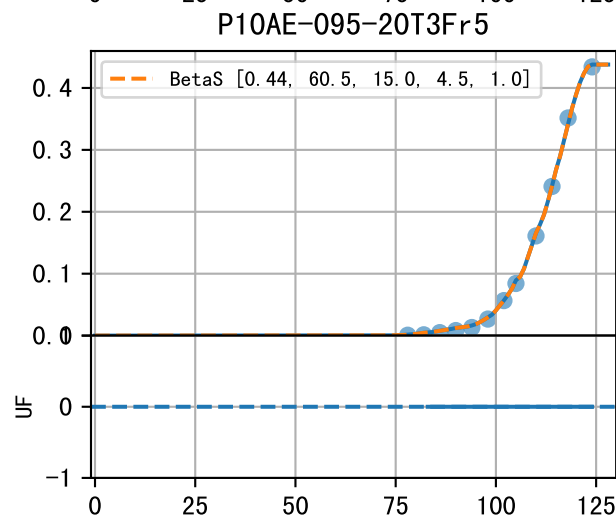
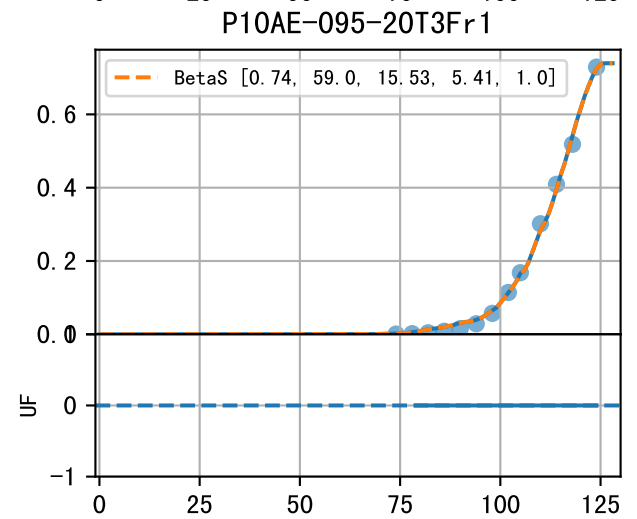
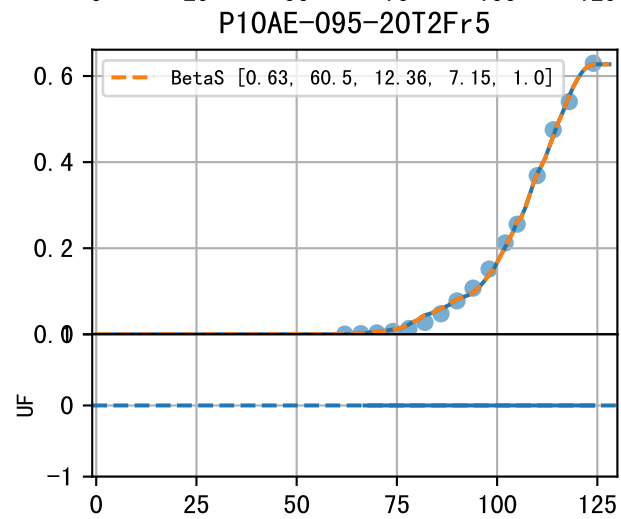
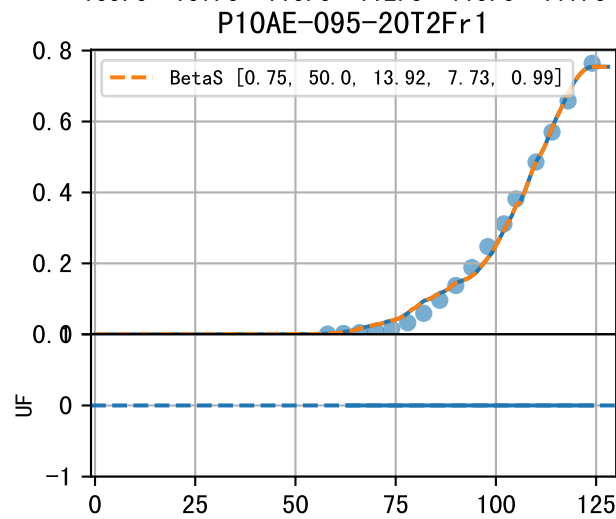
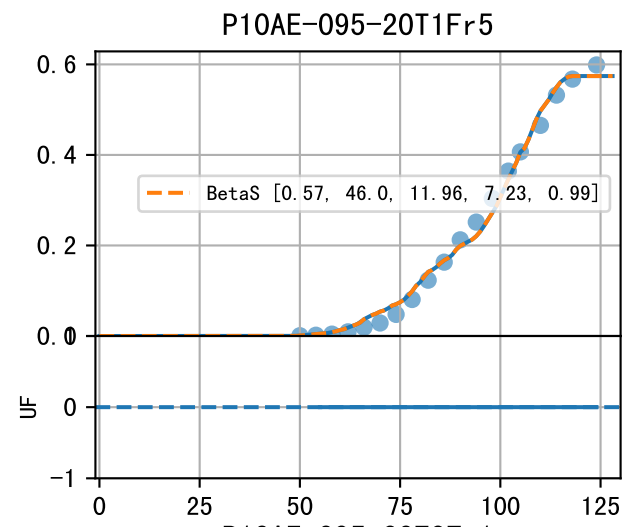
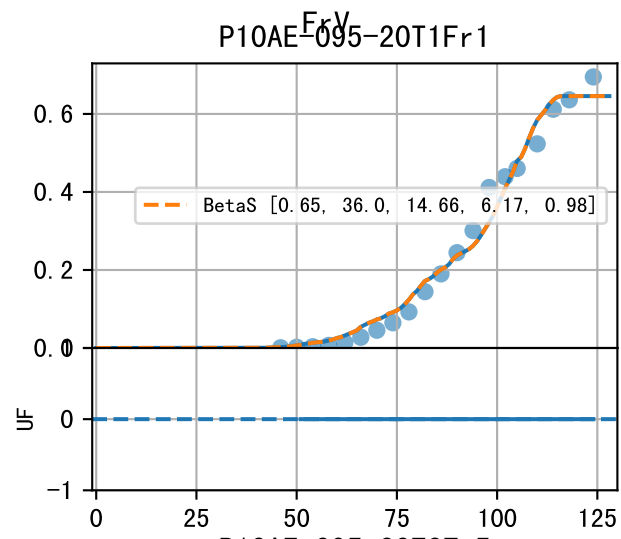
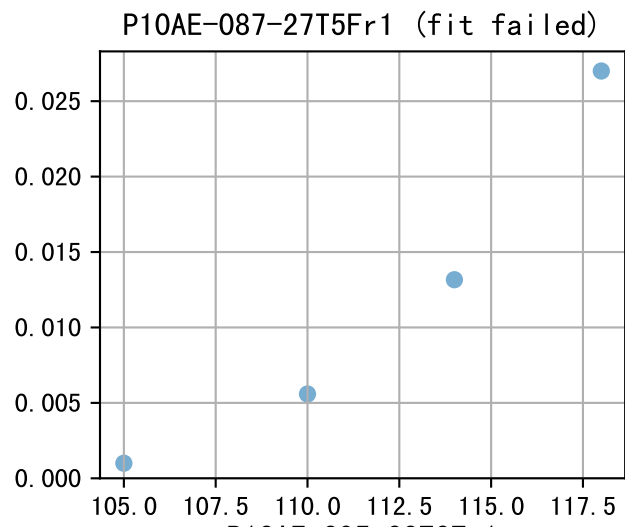


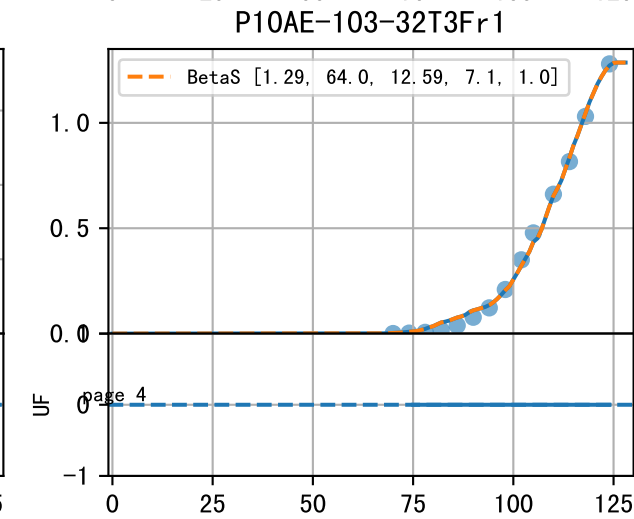
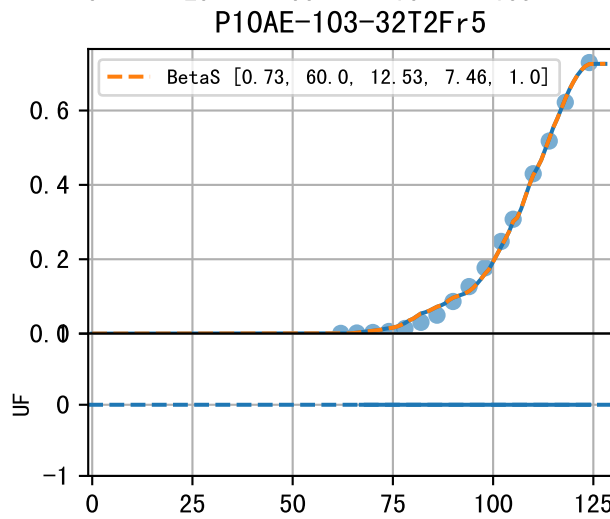
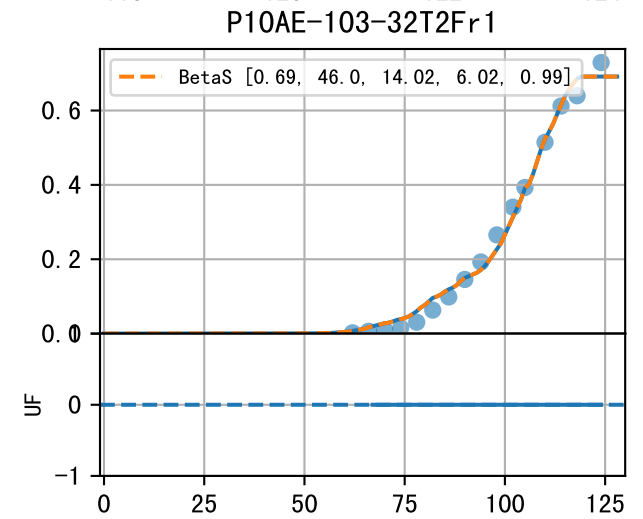
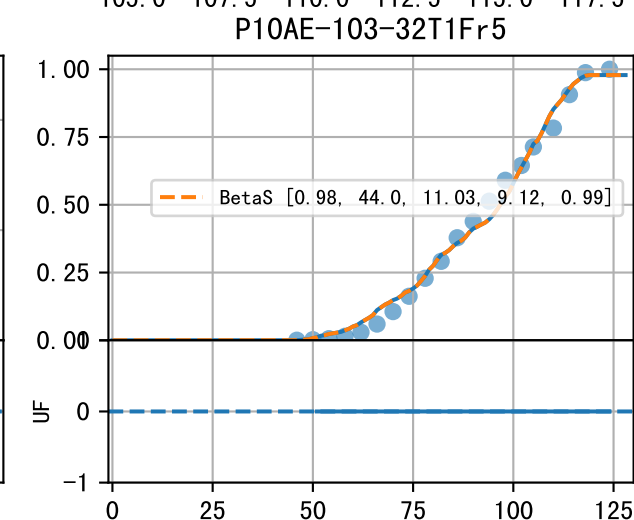
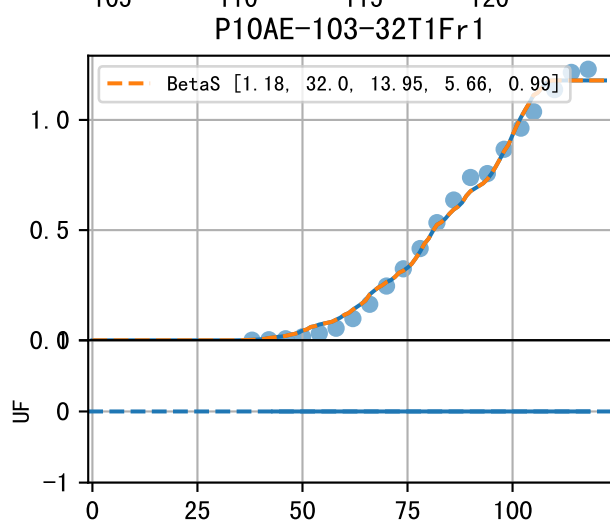
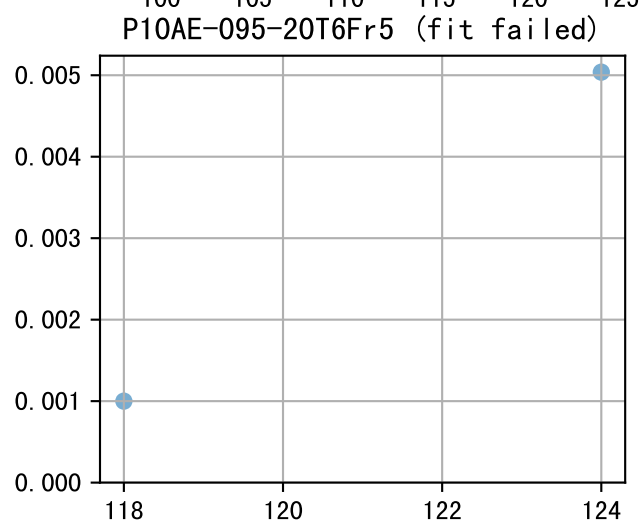
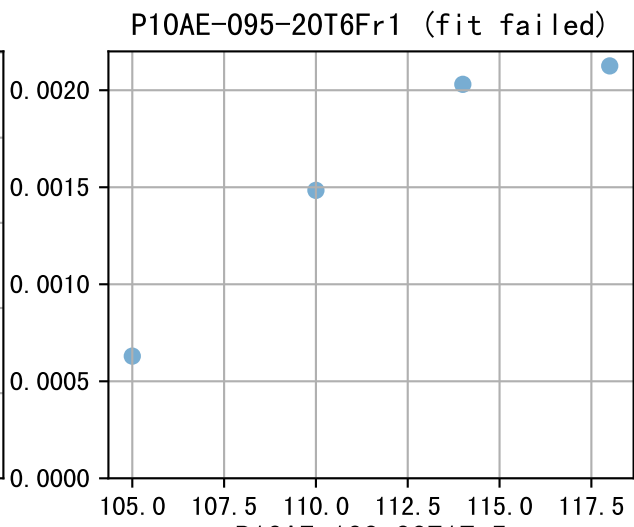
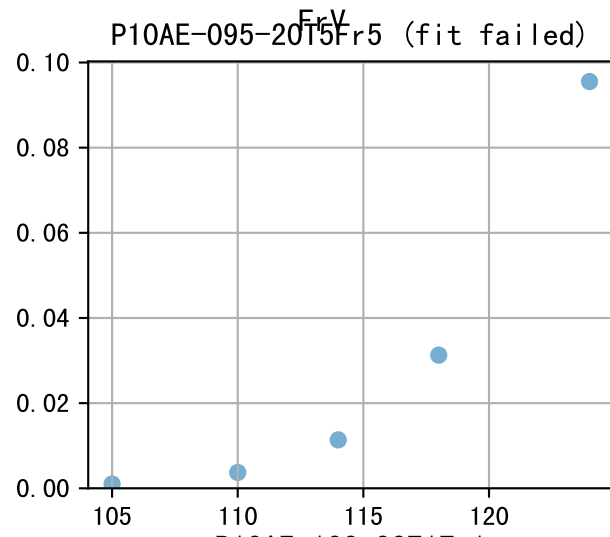
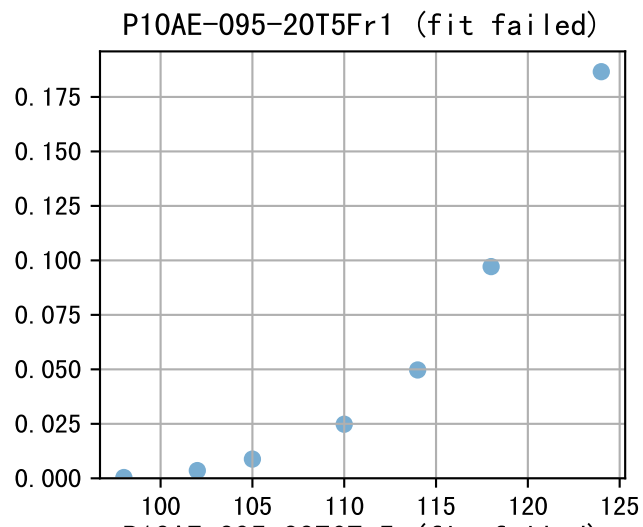
By Plant/Organ Age

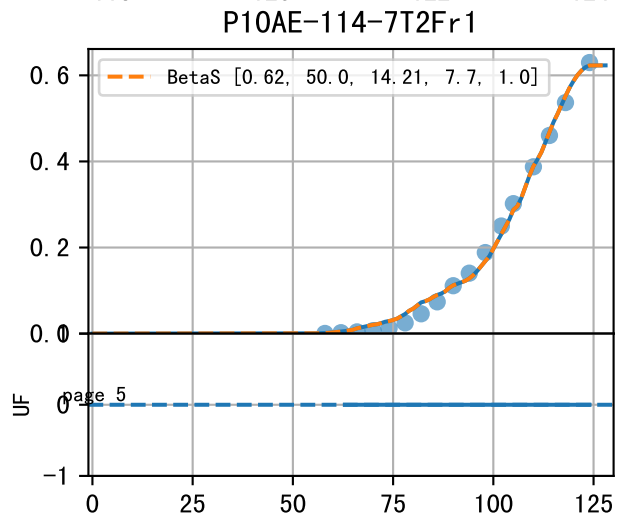
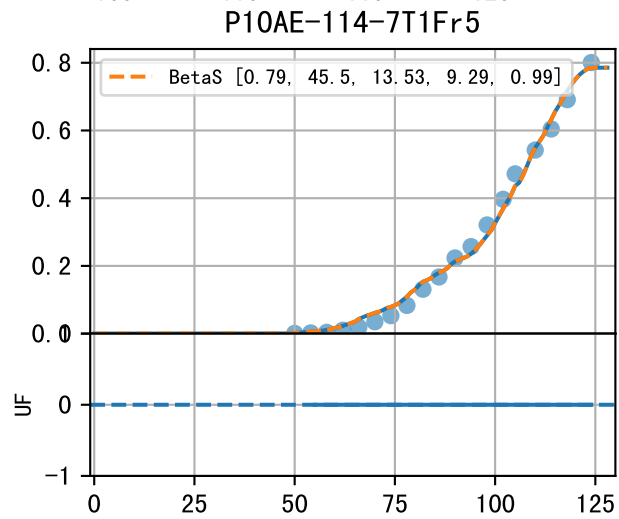
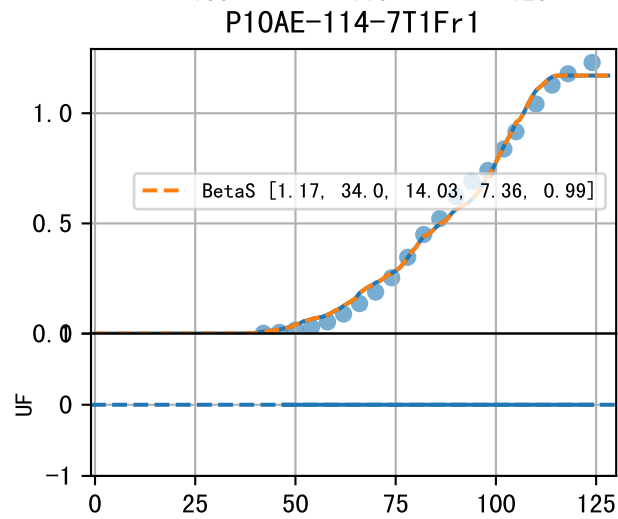
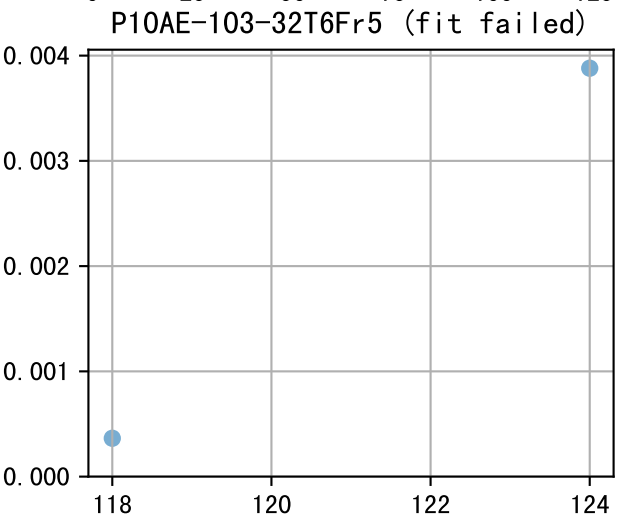
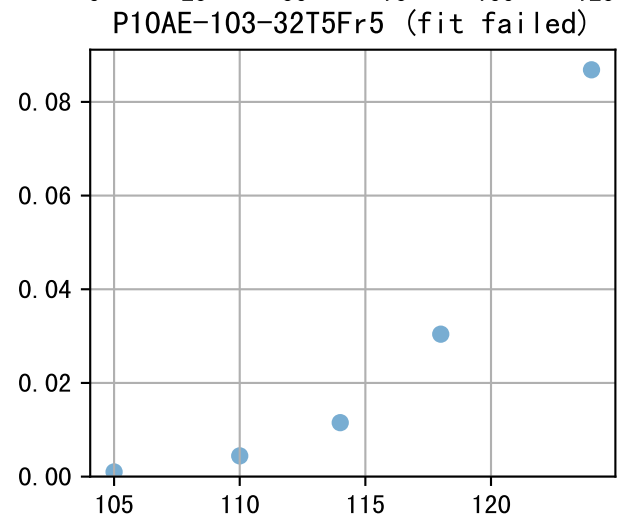
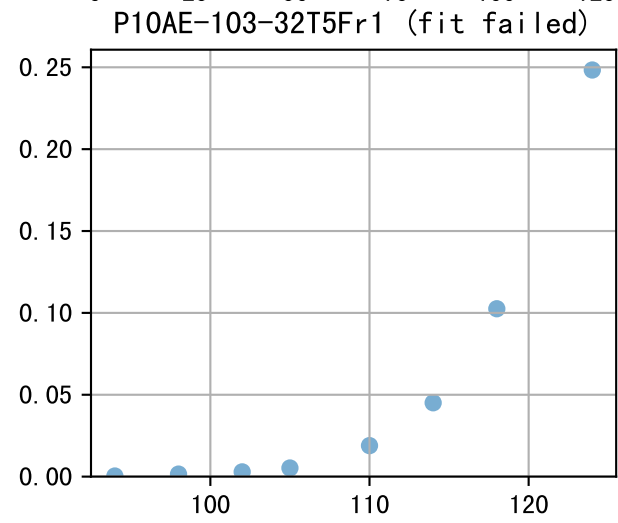
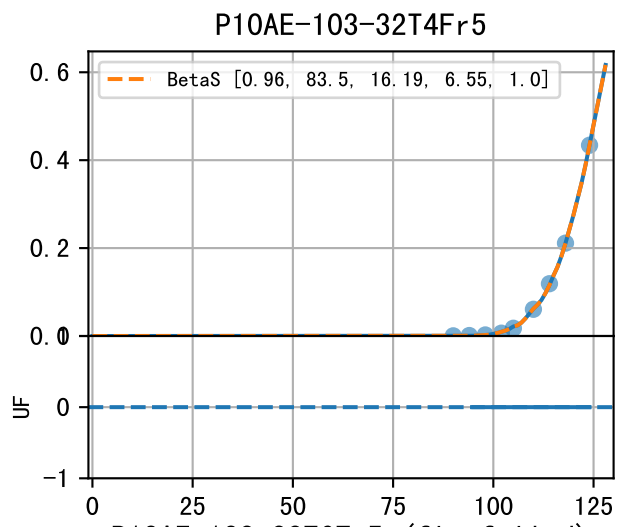
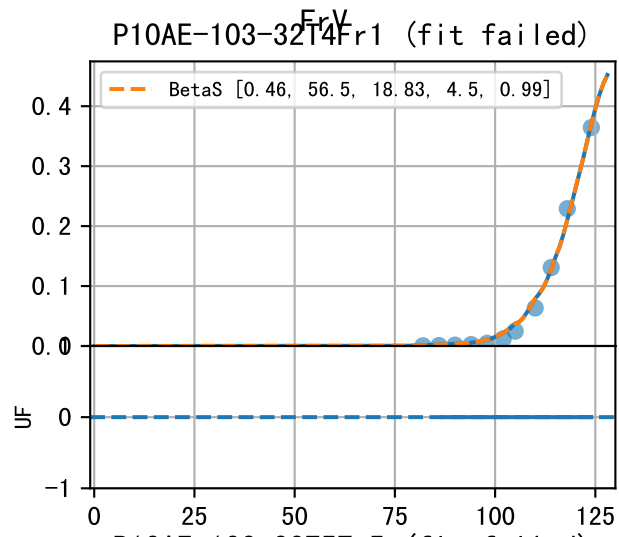
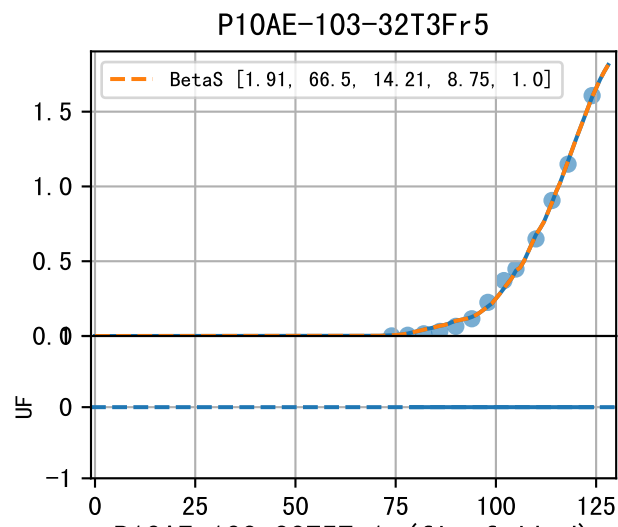


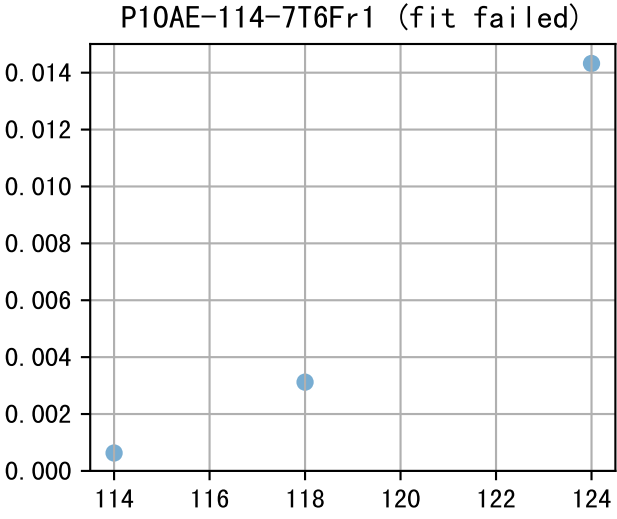
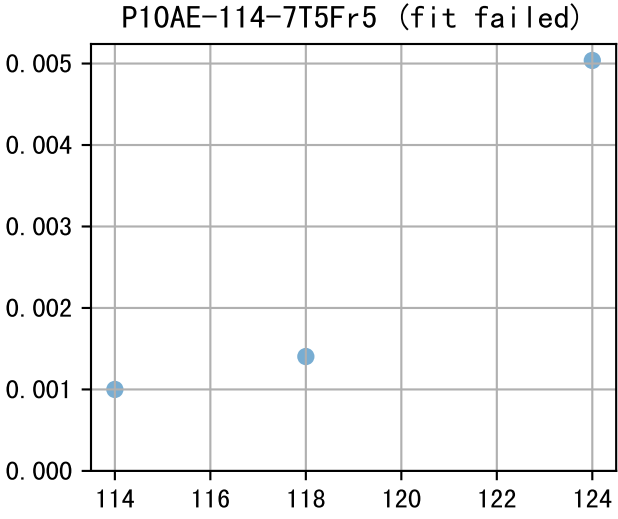
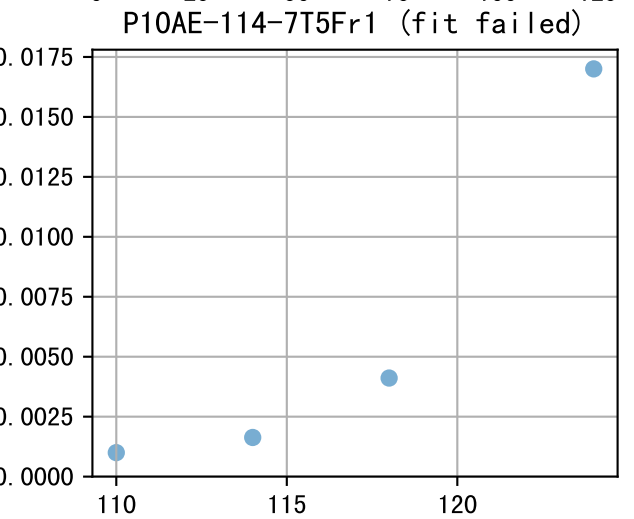
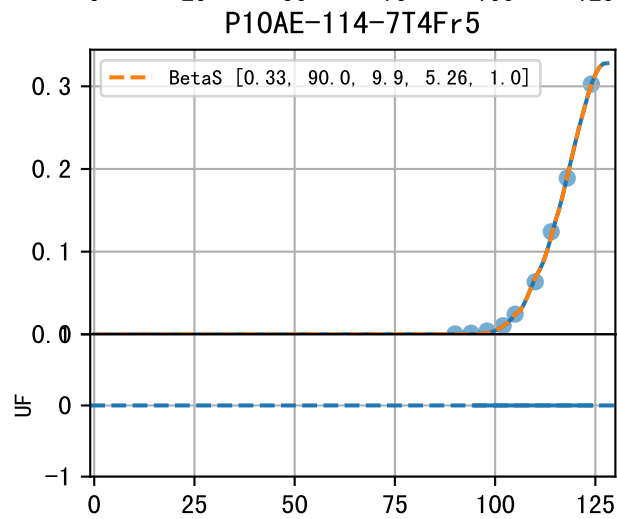
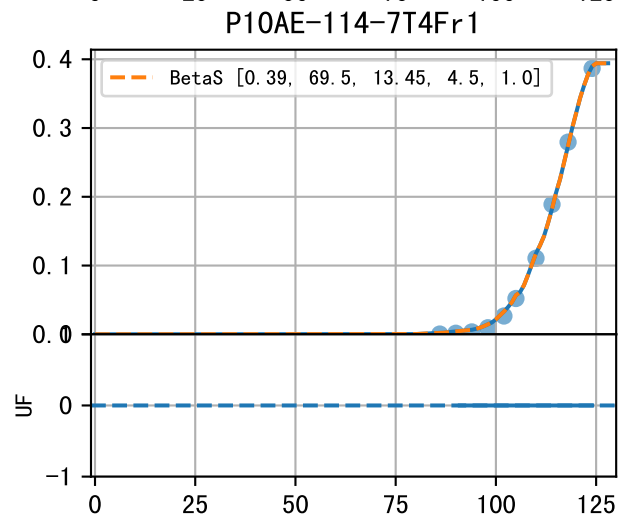
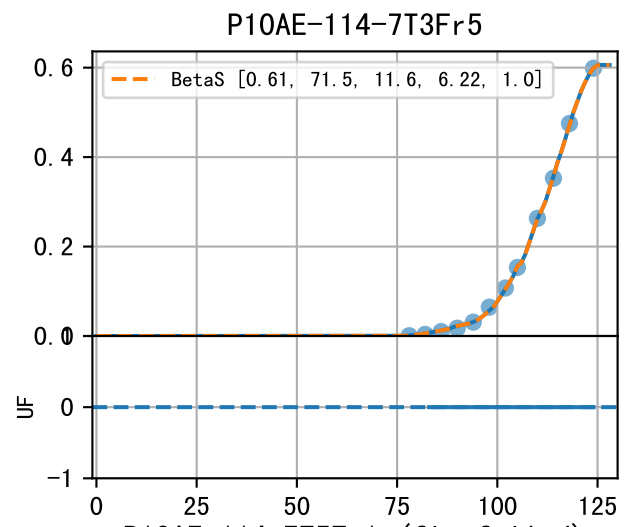
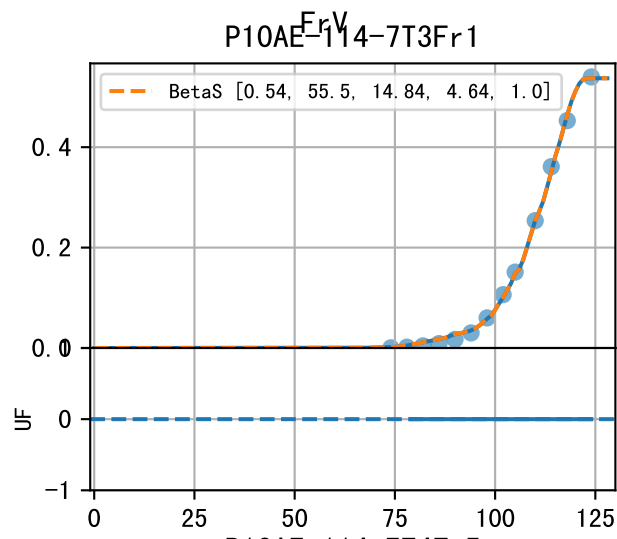
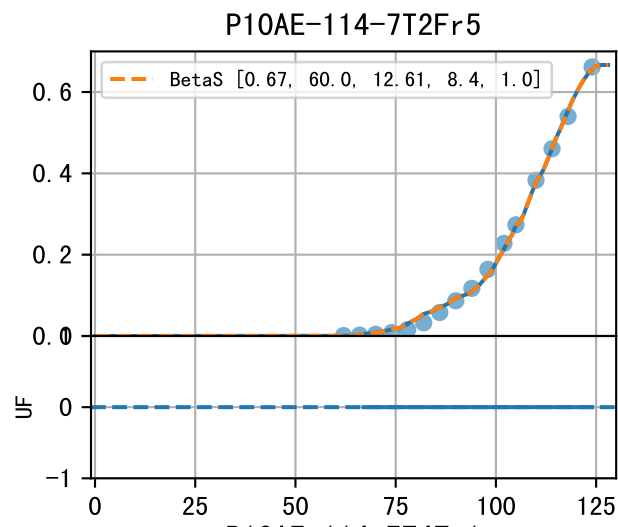




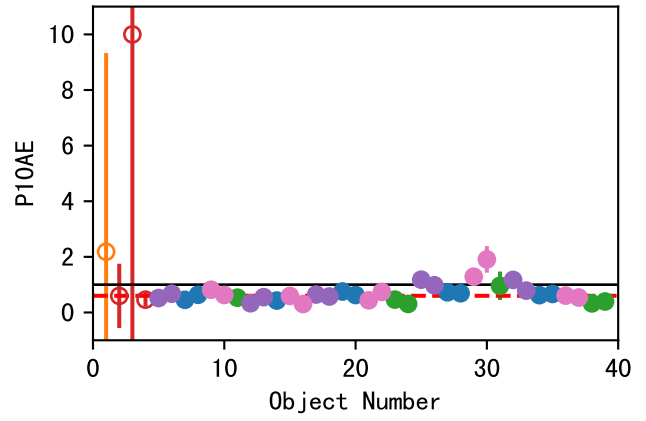




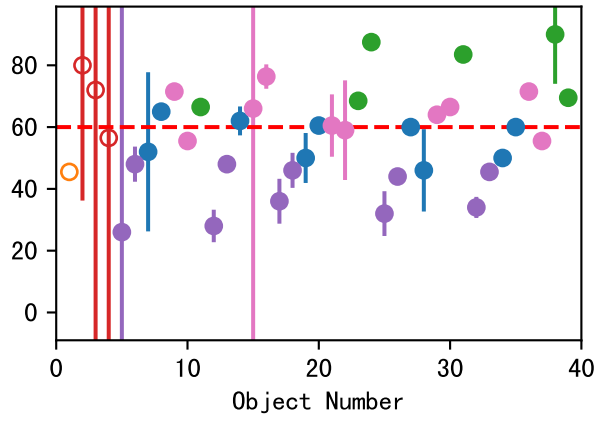




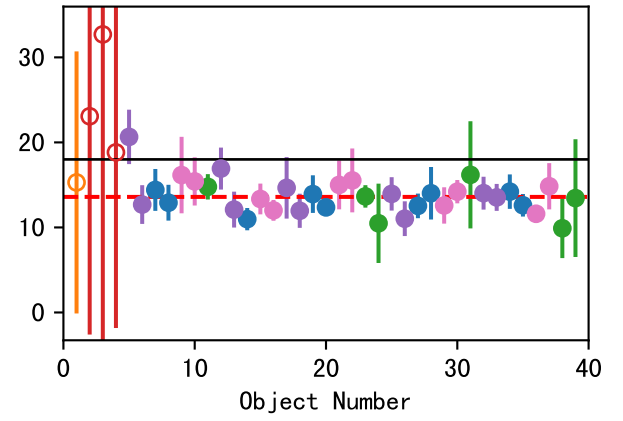
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avg1=0.6~29% avg2=na



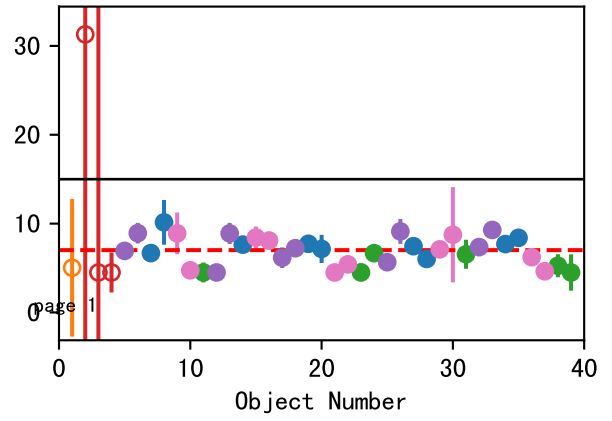
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avg1=16.0~77% avg2=na



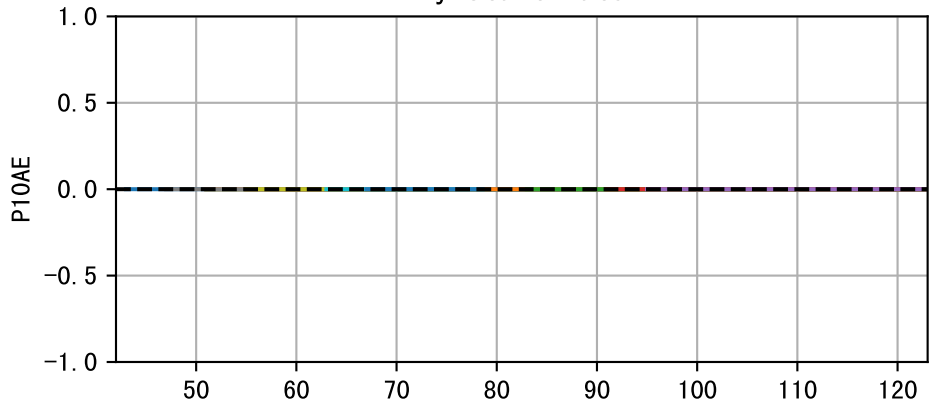
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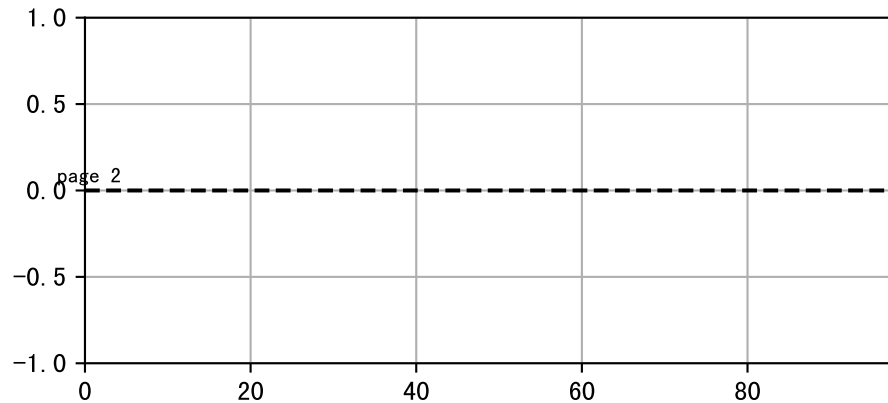
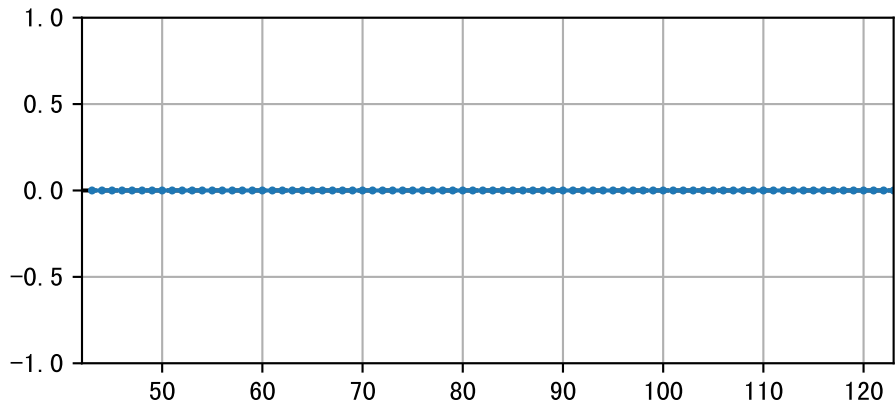
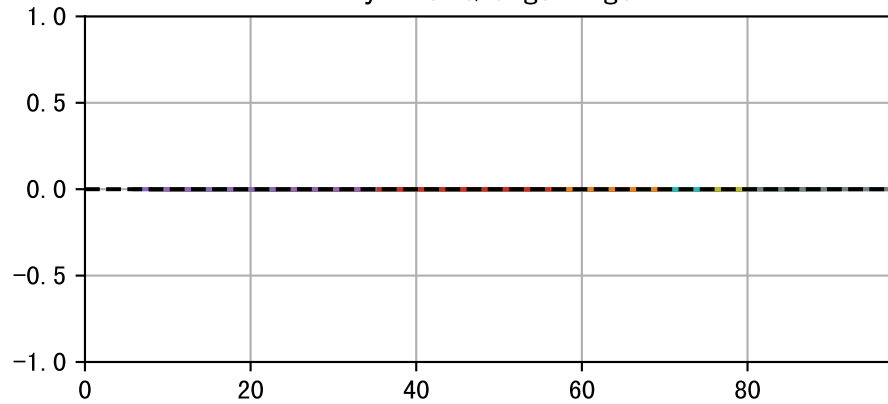
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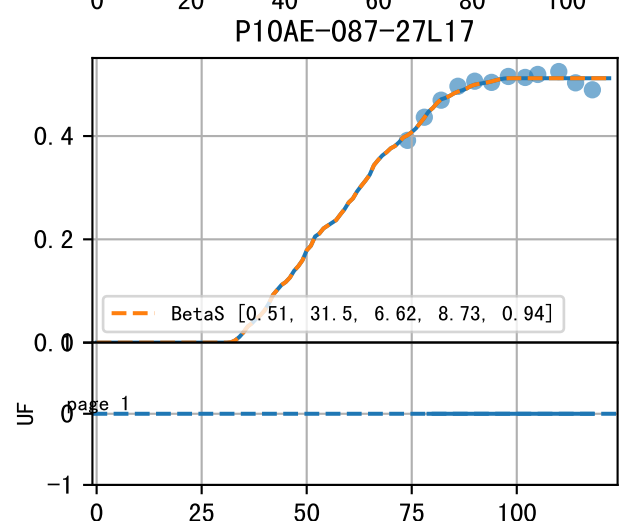
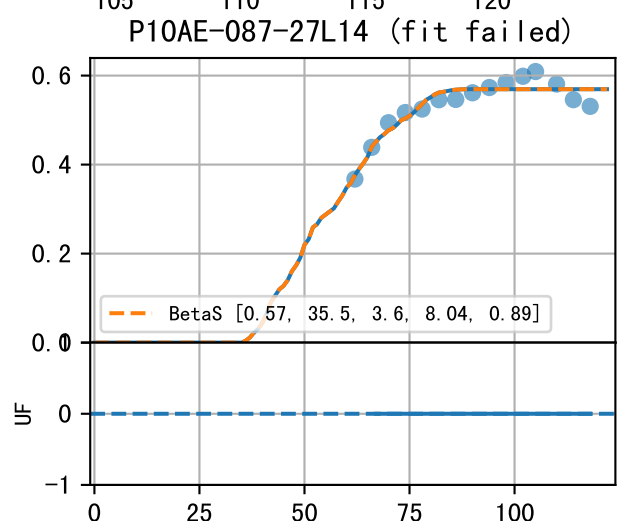
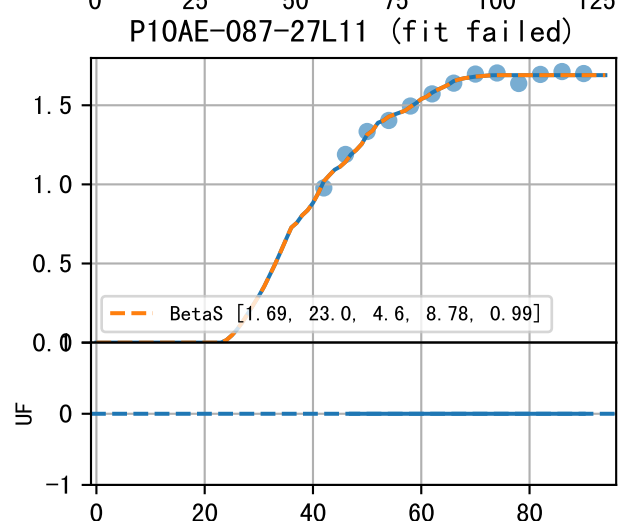
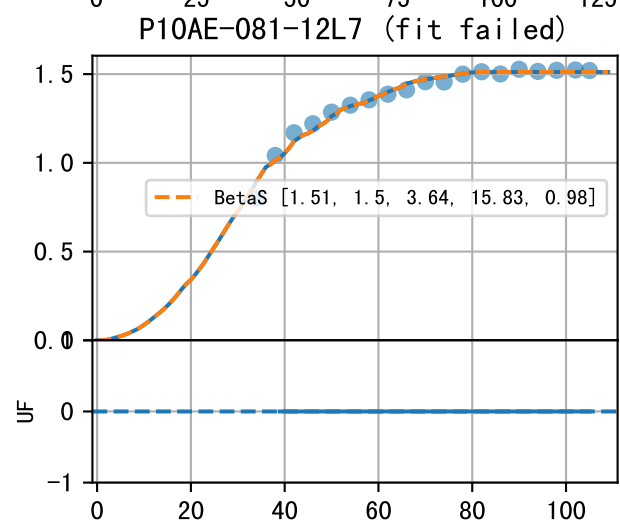
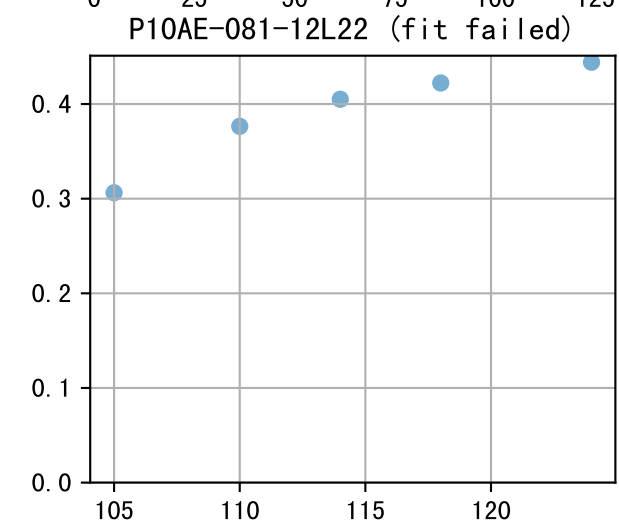
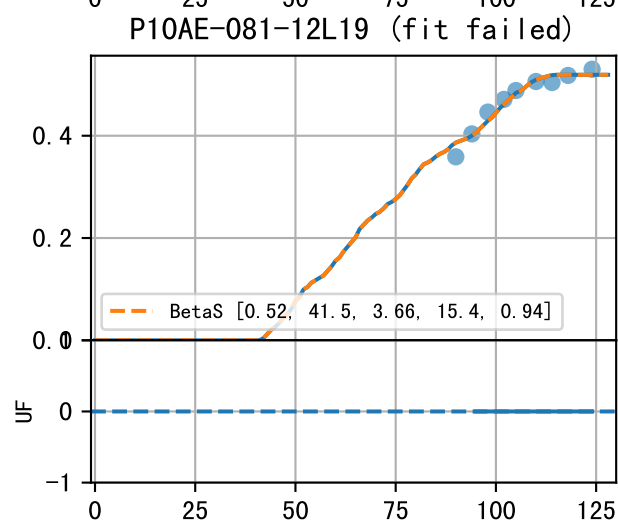
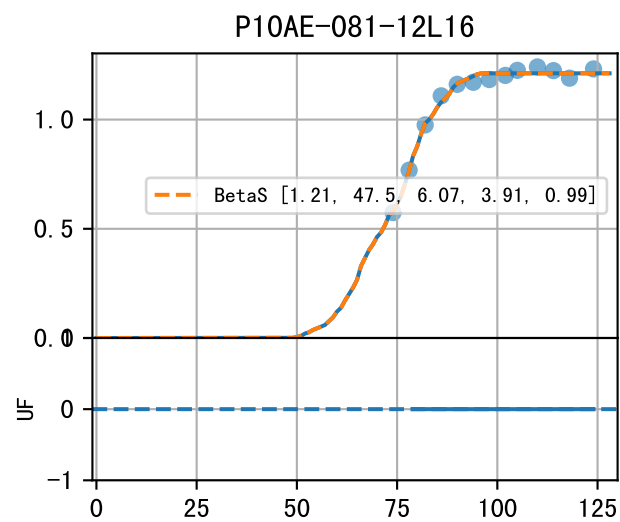
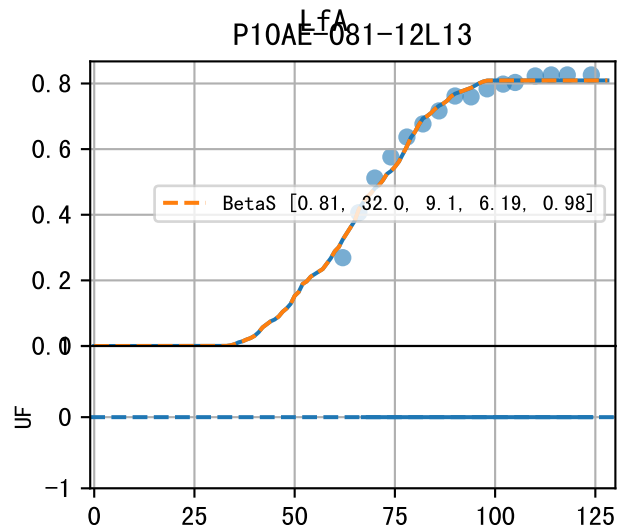
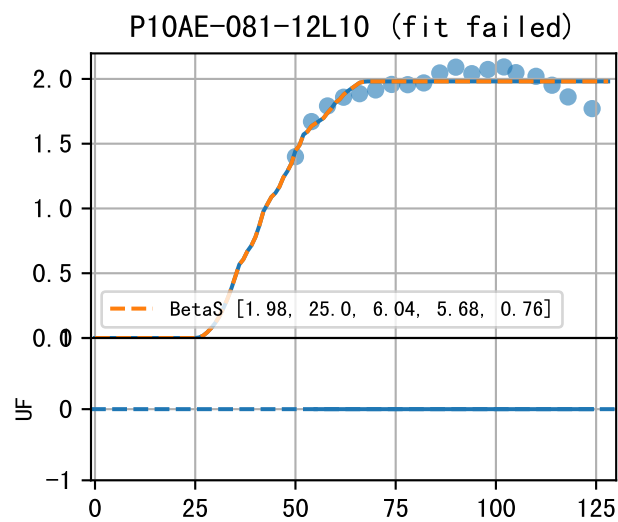


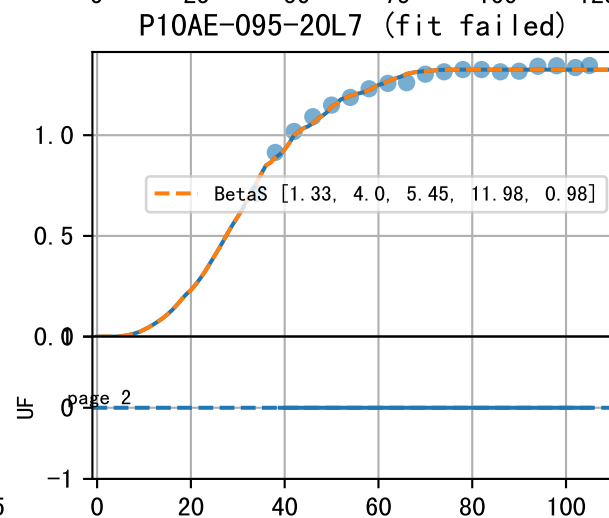
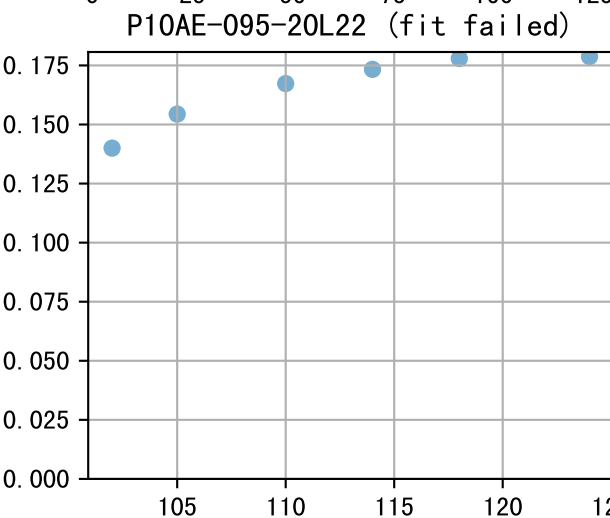
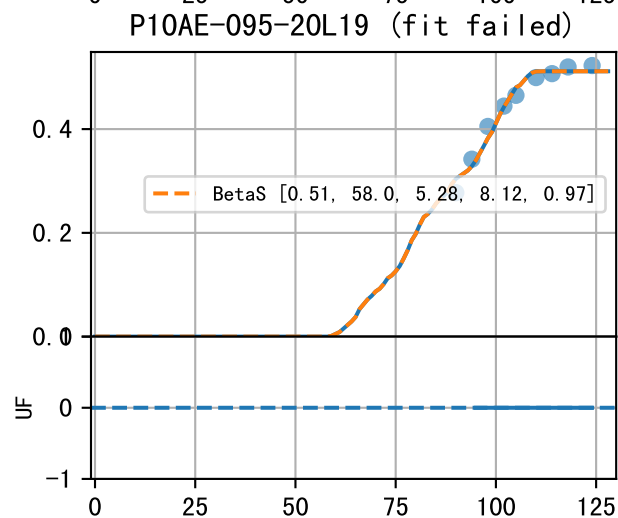
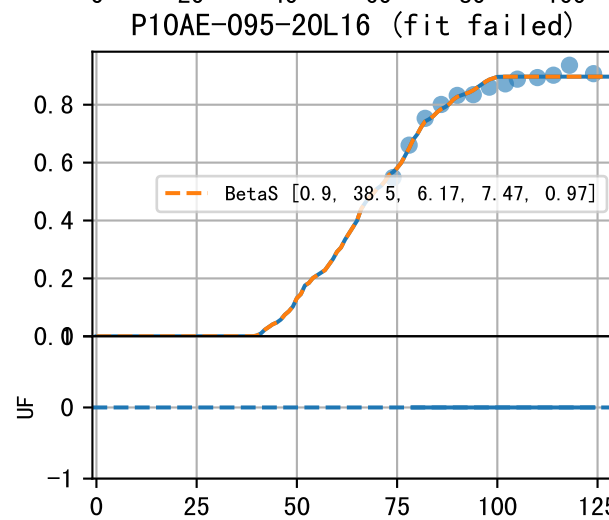
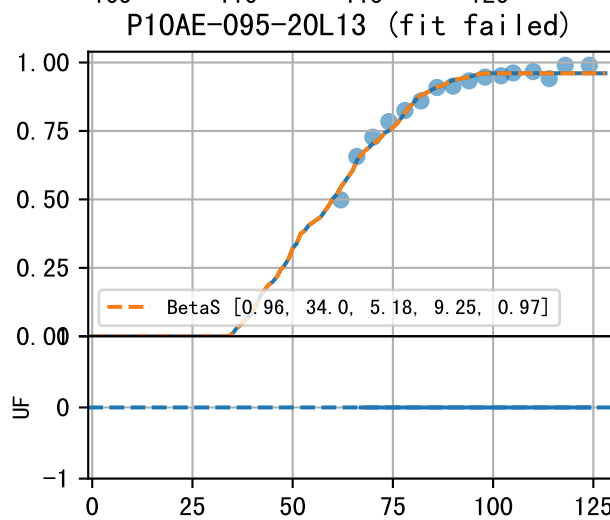
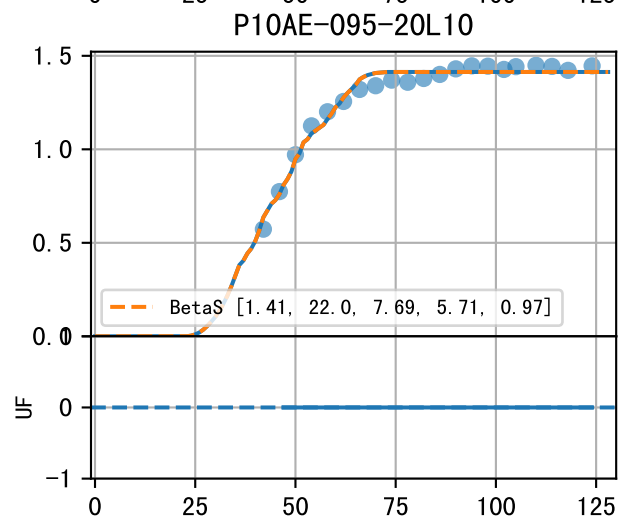
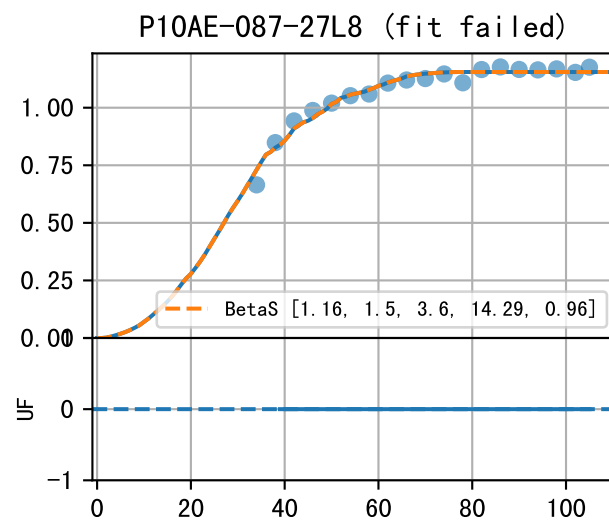
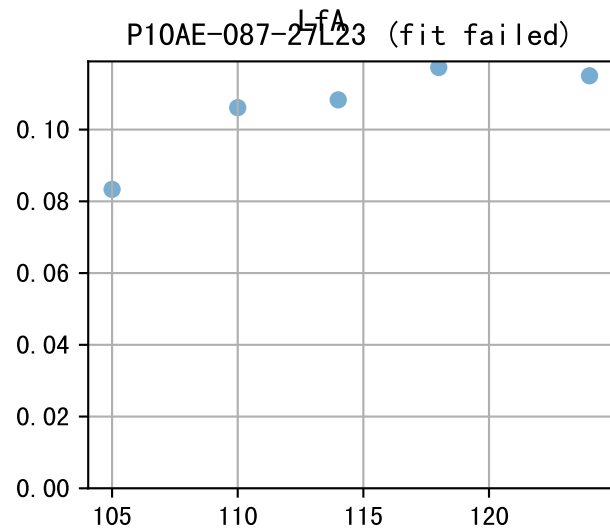
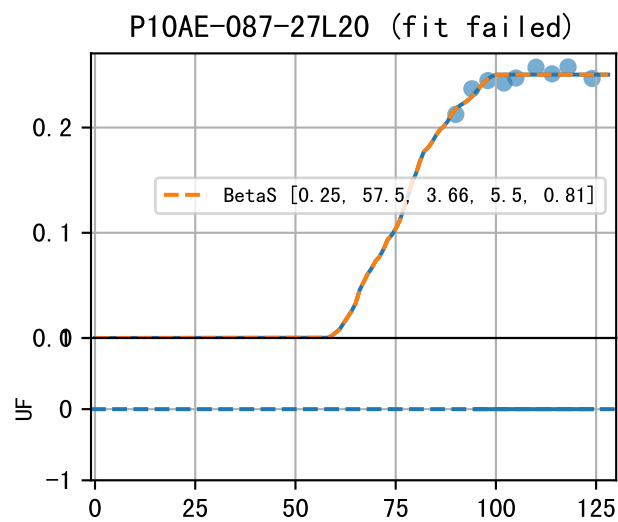
By Start Date



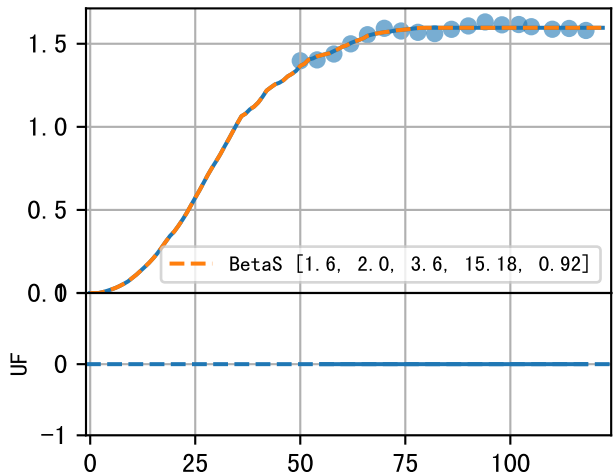
By Plant/Organ Age



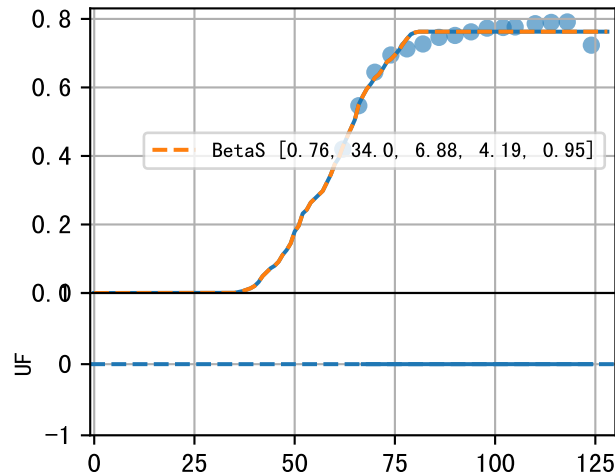




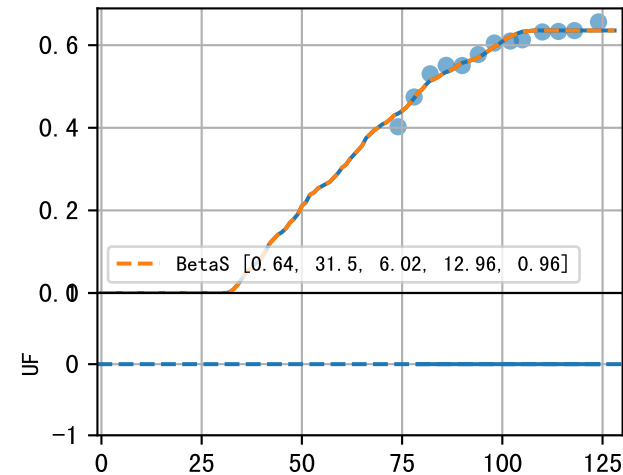
P10AE-103-32L10 (fit failed)



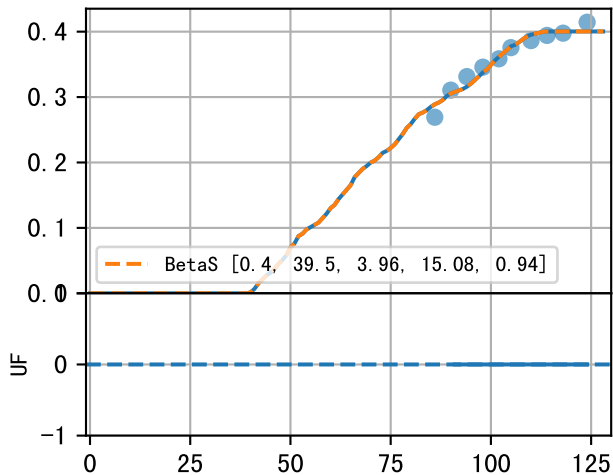
P10AE-103-32L13 (fit failed)



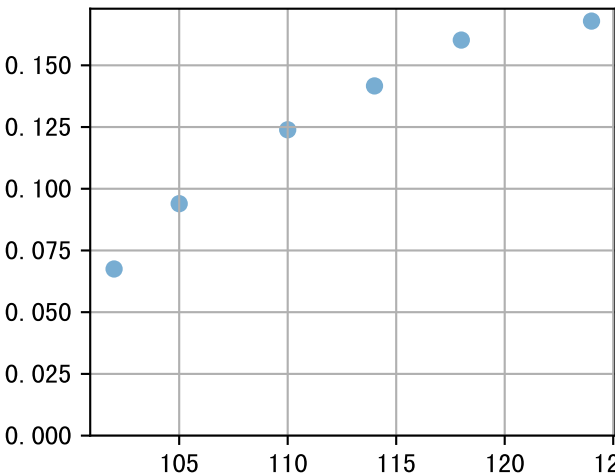
P10AE-103-32L16 (fit failed)



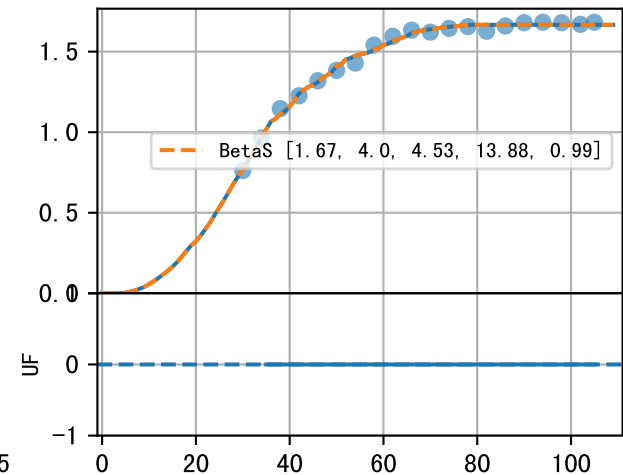
P10AE-103-32L19 (fit failed)



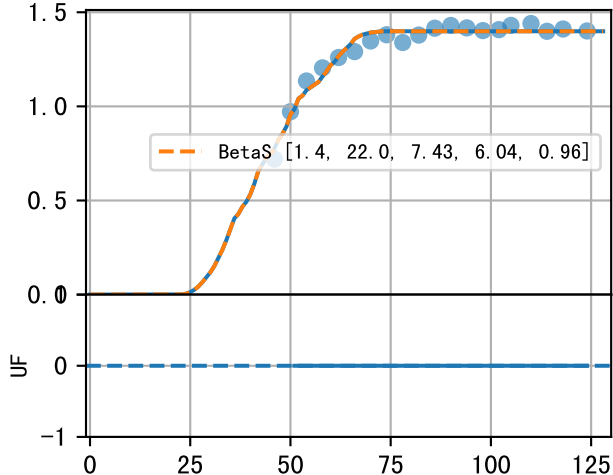
P10AE-103-32L22 (fit failed)



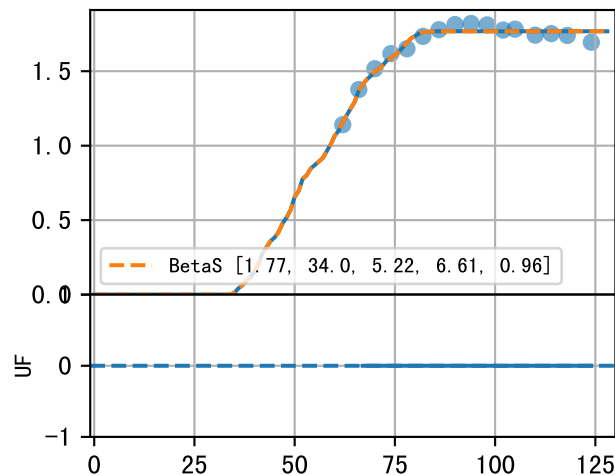
P10AE-103-32L7 (fit failed)



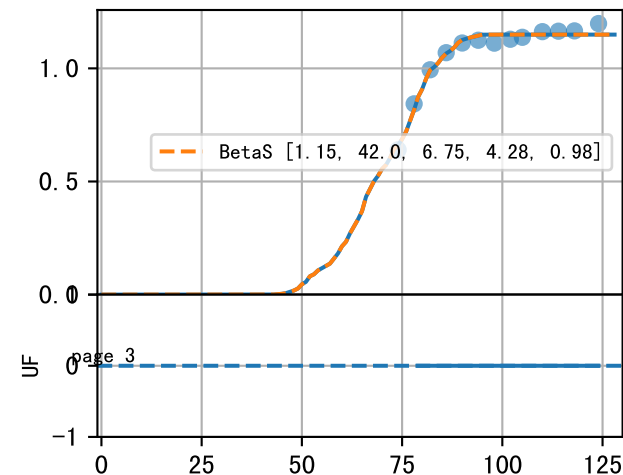
P10AE-114-7L10 (fit failed)

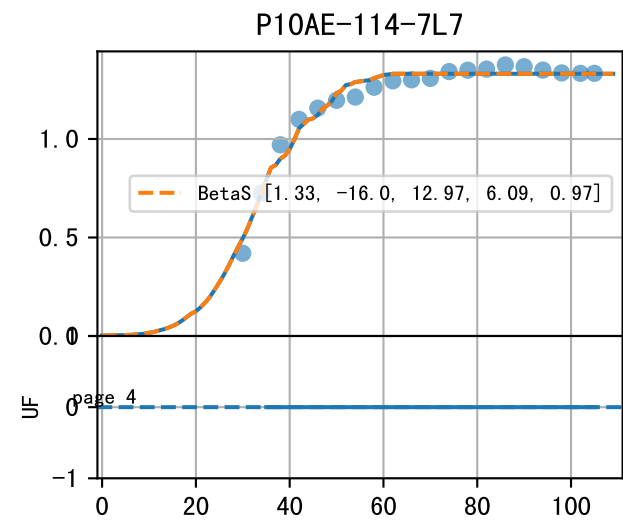
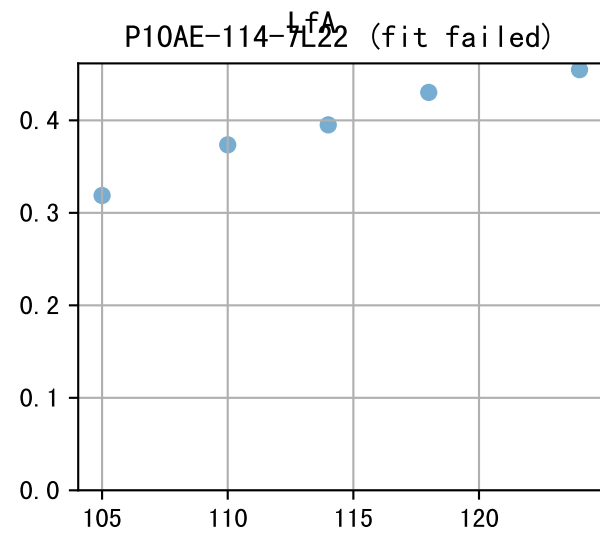
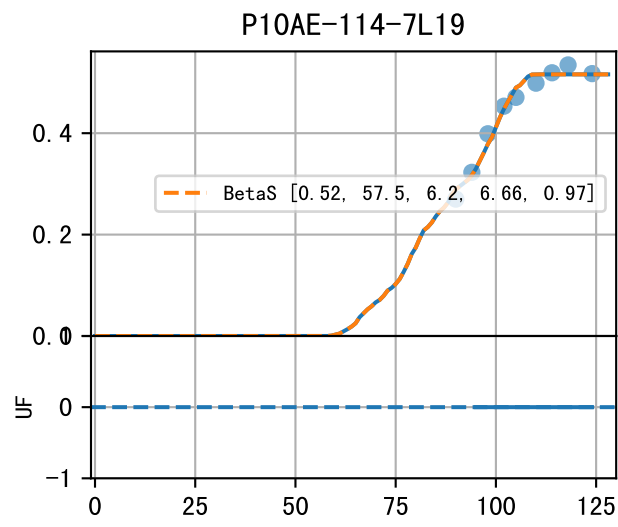


P10AE-114-7L13 (fit failed)

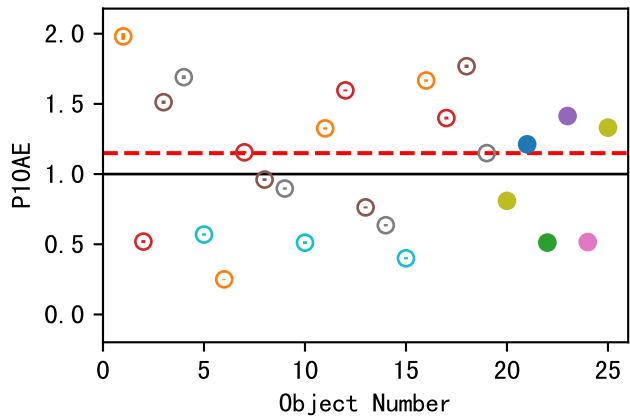


P10AE-114-7L16 (fit failed)

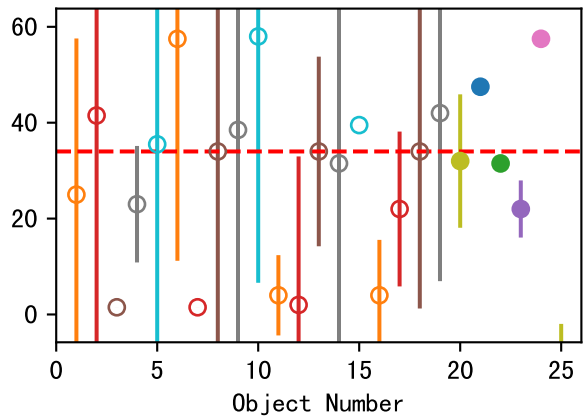




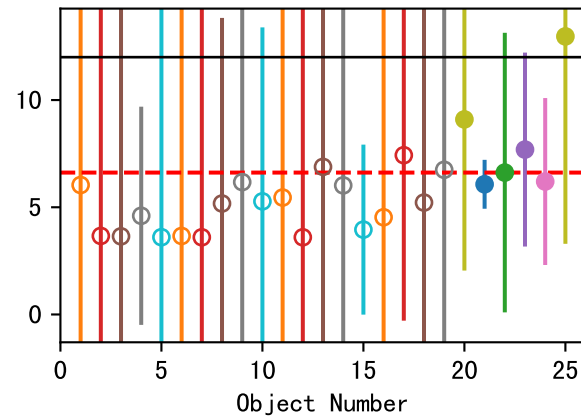
fm (Def=1 Set=1.15)  
avg1=1.15~43% avg2=na



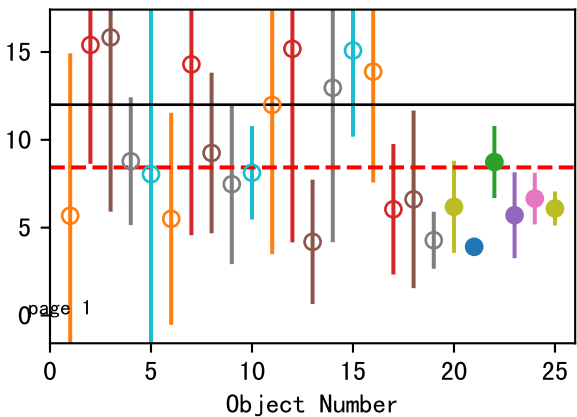
tb (Def=na Set=na)  
avg1=1.0~53% avg2=na



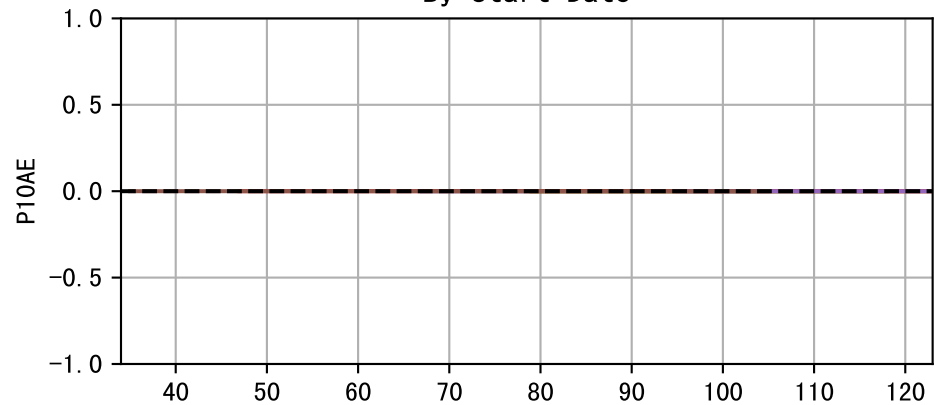
dm (Def=12 Set=6.62)  
avg1=6.62~19% avg2=na



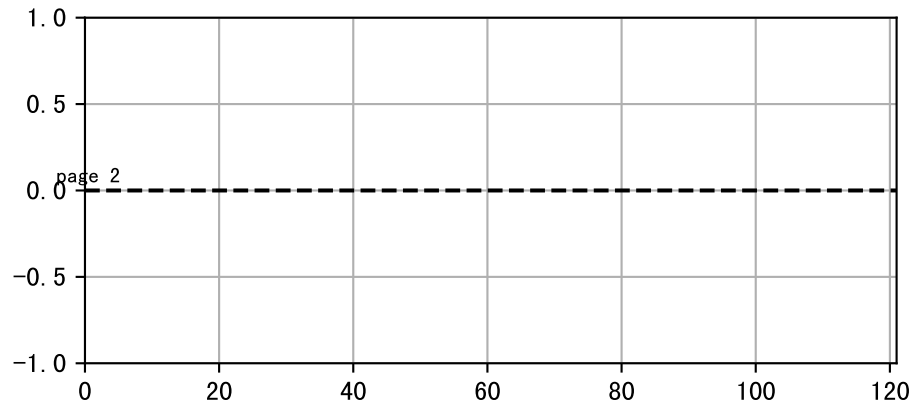
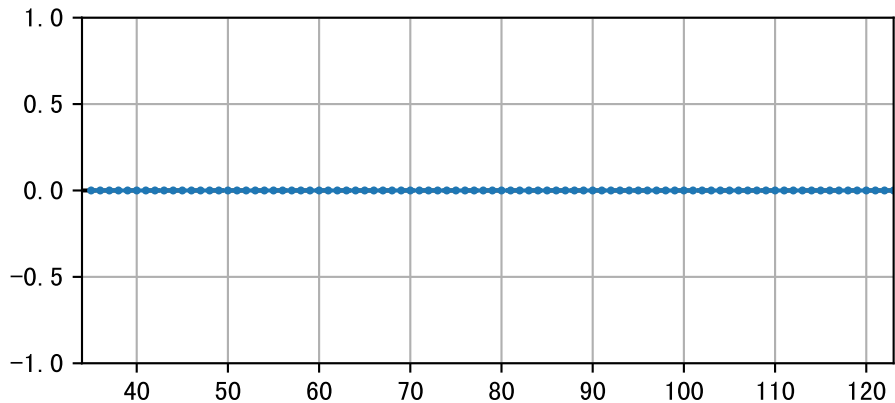
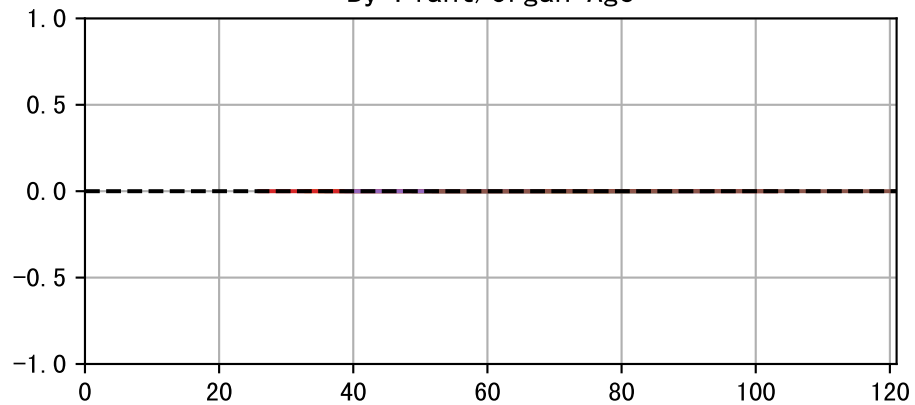
de (Def=12 Set=8.43)  
avg1=8.43~49% avg2=na

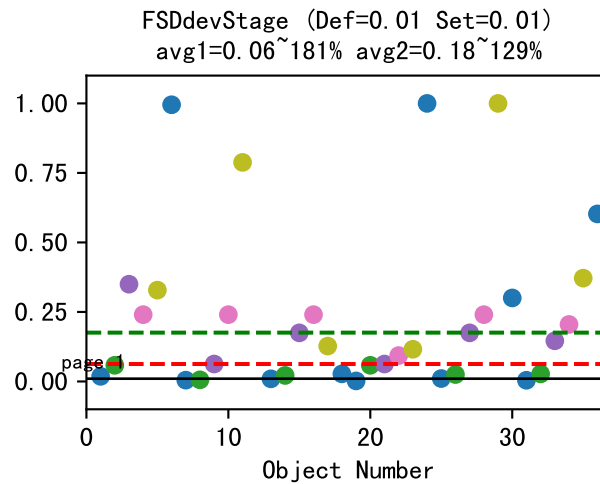
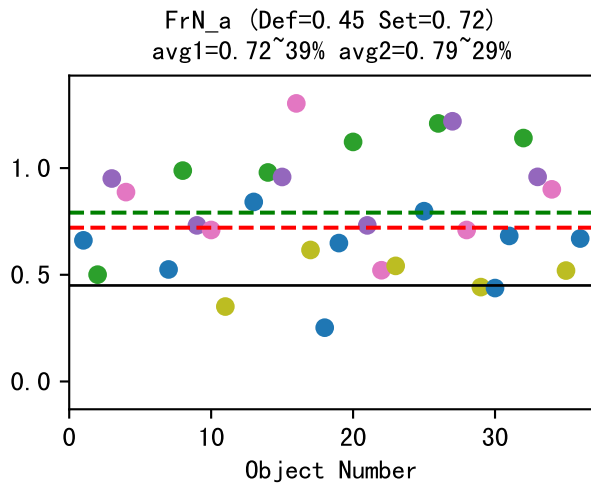
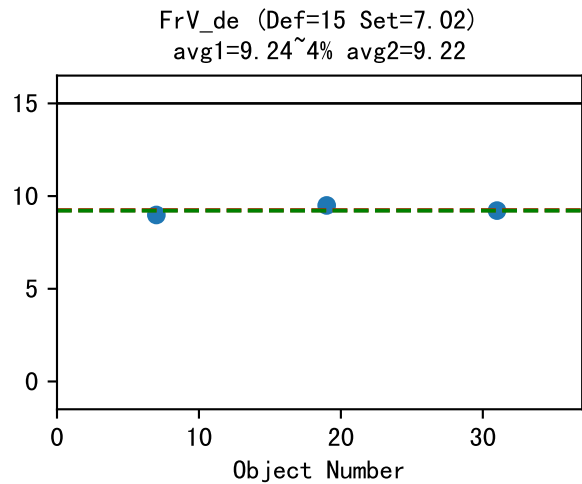
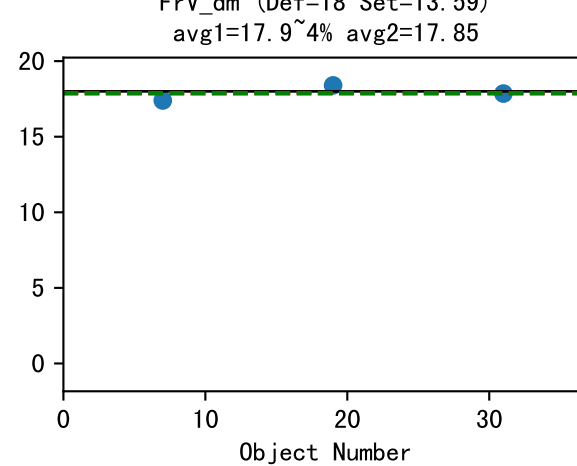
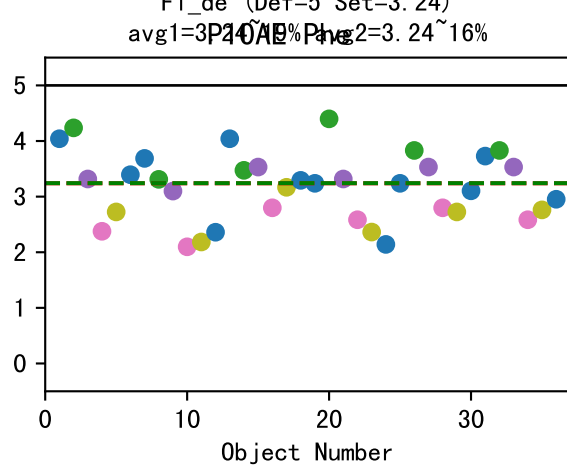
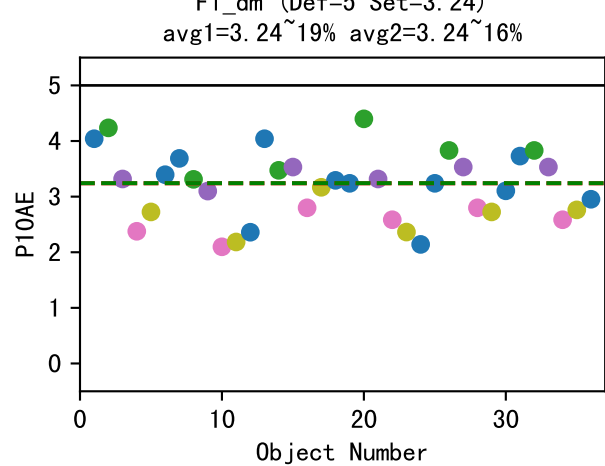


By Start Date

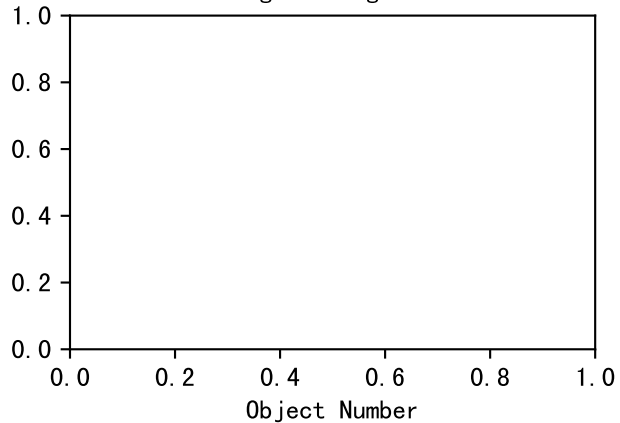


By Plant/Organ Age

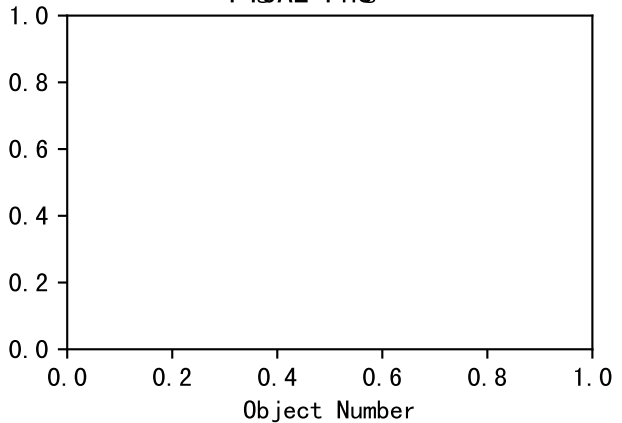




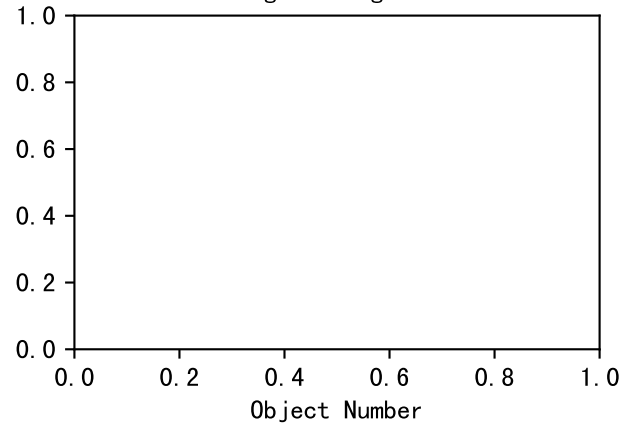
FGDdevStage (Def=0.7 Set=0.7)  
avg1=na avg2=na



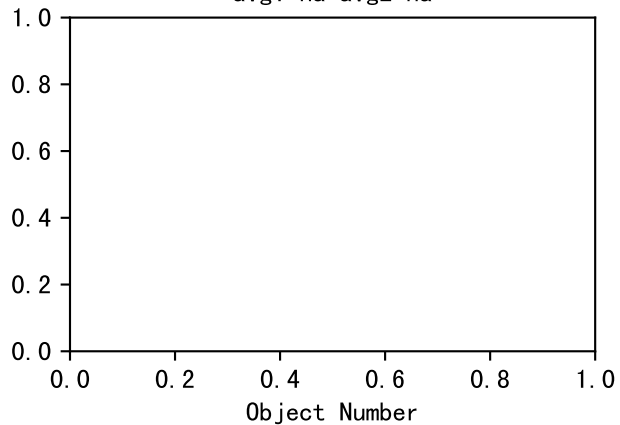
FMBDdevStage (Def=1.3 Set=1.3)  
avg1=na avg2=na



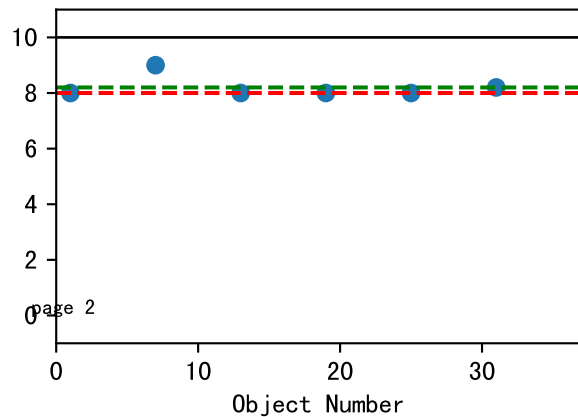
FMEDdevStage (Def=1.8 Set=1.8)  
avg1=na avg2=na



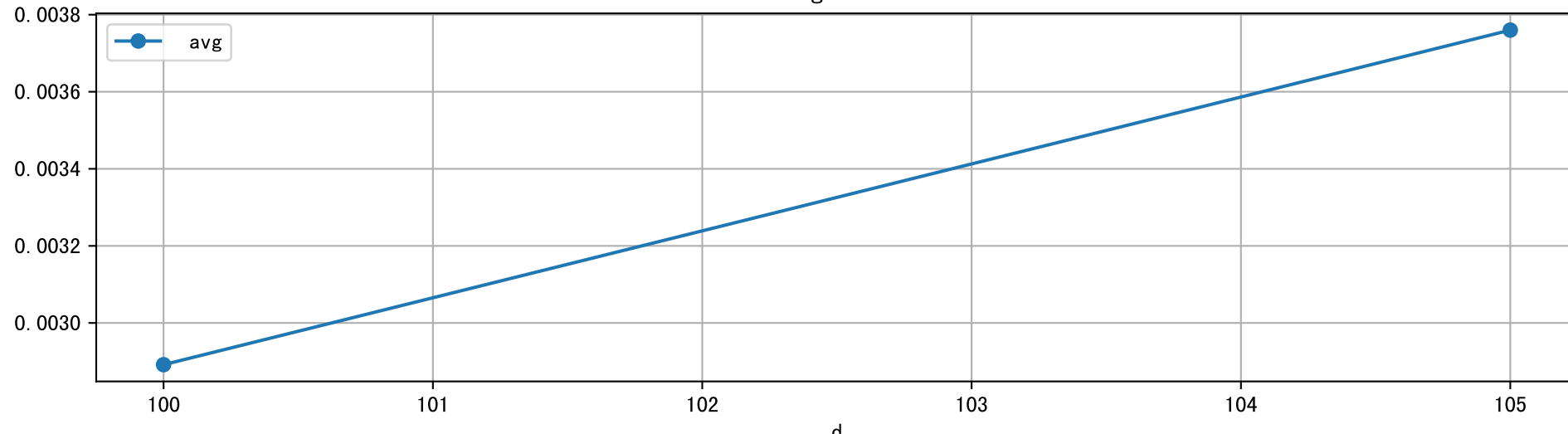
FHDdevStage (Def=1.5 Set=1.5)  
avg1=na avg2=na



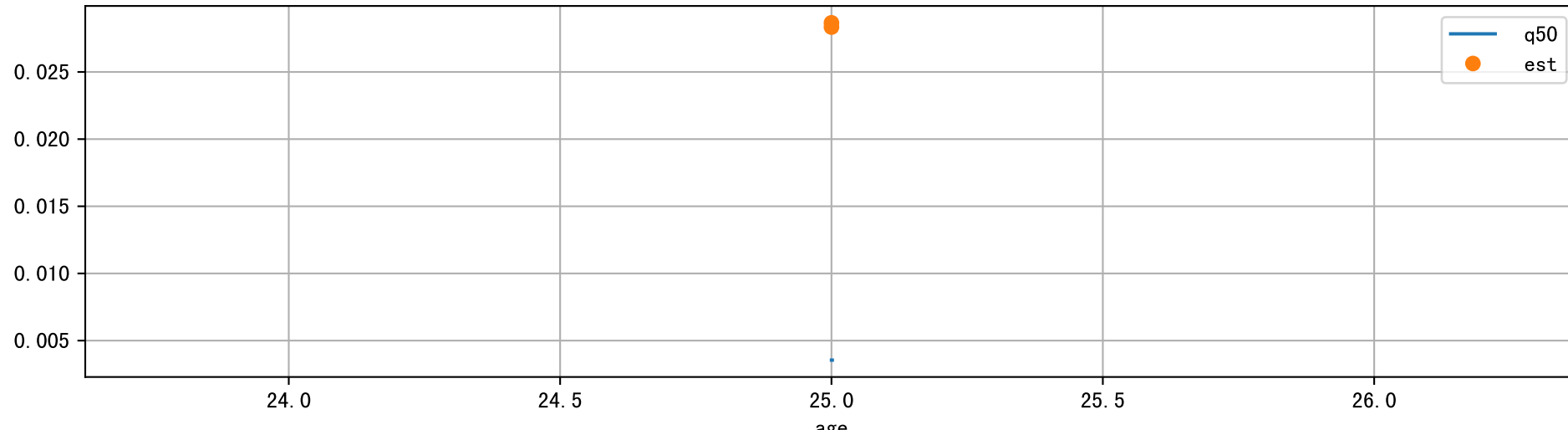
NNgen (Def=10 Set=8)  
avg1=8.0~0% avg2=8.2



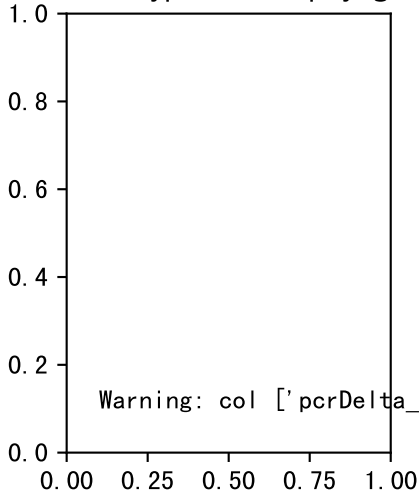
LfA: avg vs. d at each age group  
age=25



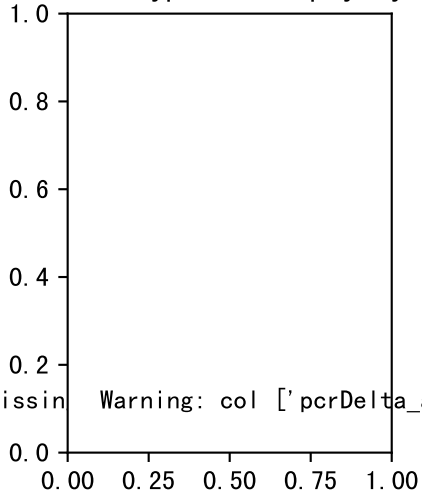
LfA: model est vs obs0v@Q50



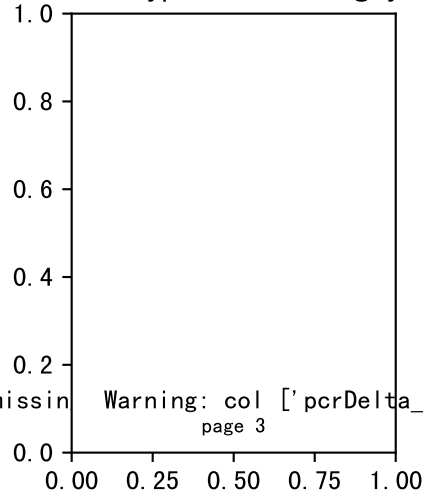
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

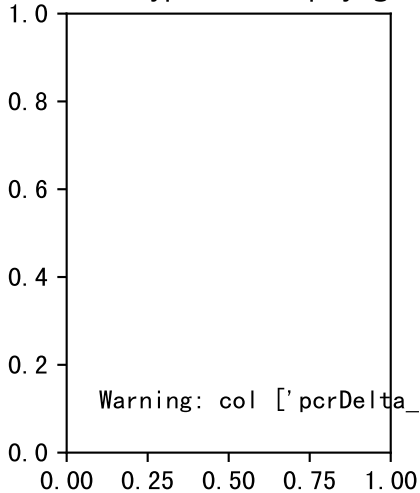


DeltaTypeAbbr=WeiAvgByD

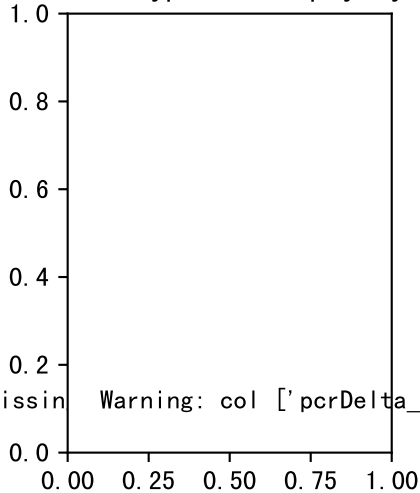


P10AE LfA: D\_15d\_LfA

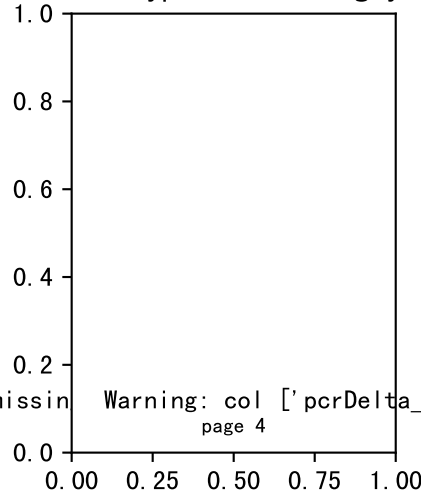
DeltaTypeAbbr=GrpByAge



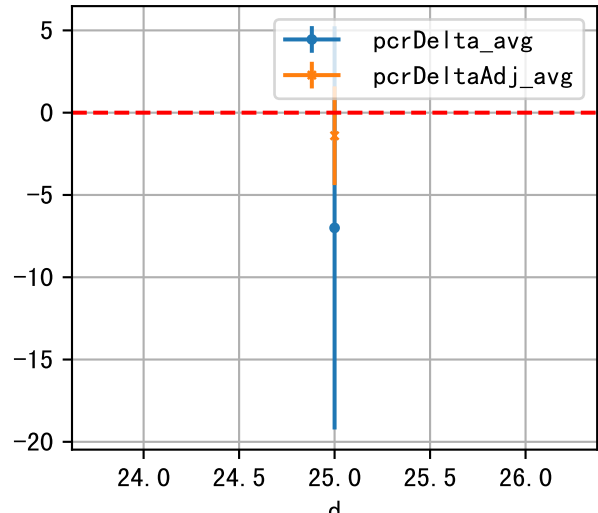
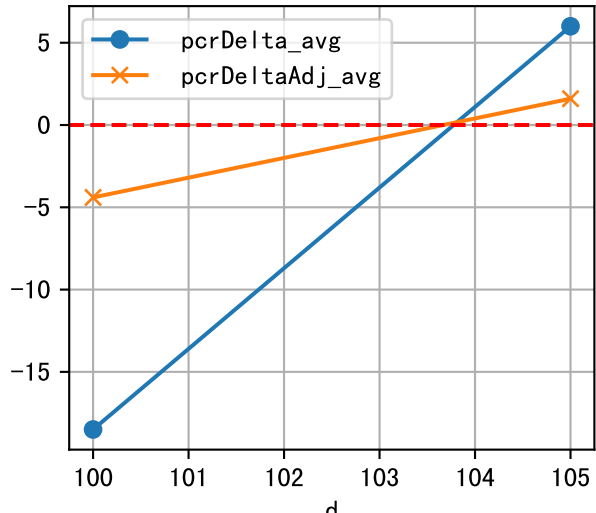
DeltaTypeAbbr=GrpByDay



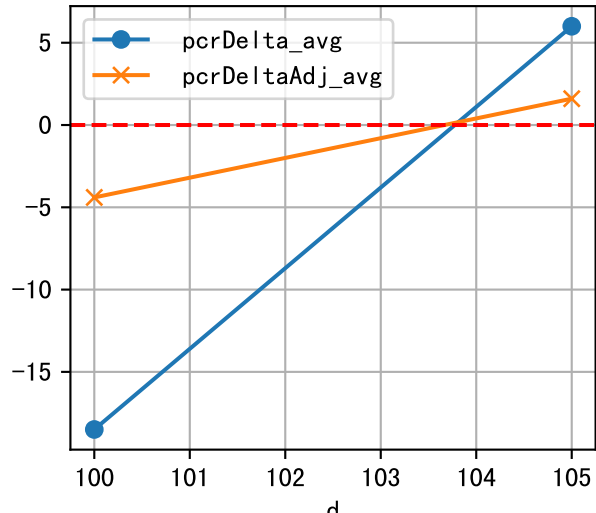
DeltaTypeAbbr=WeiAvgByD



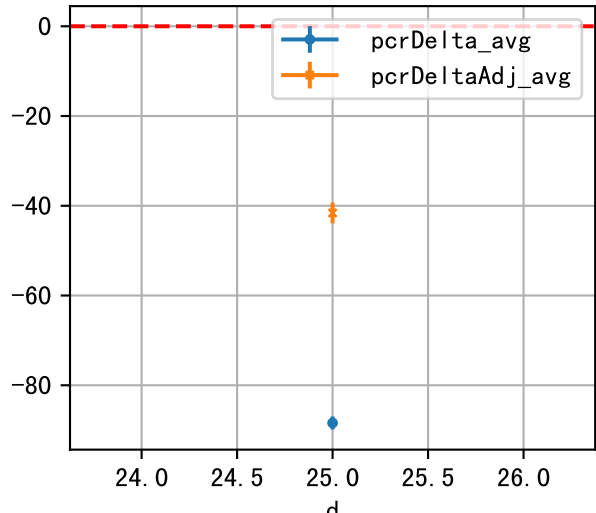
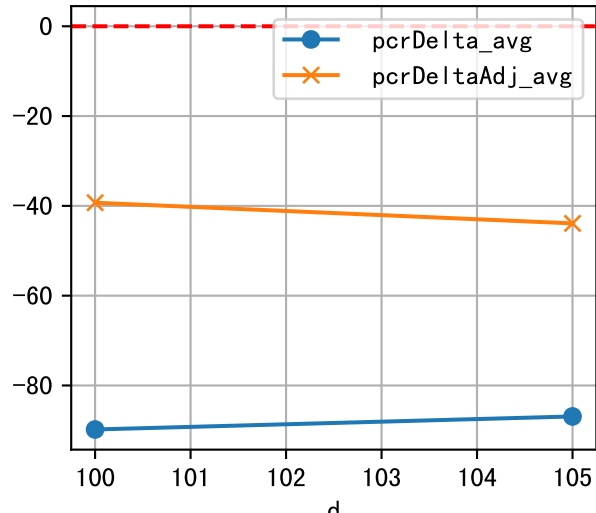
DeltaTypeAbbr=GrpByAge

P10AE LfA: D Q50 LfA  
DeltaTypeAbbr=GrpByDay

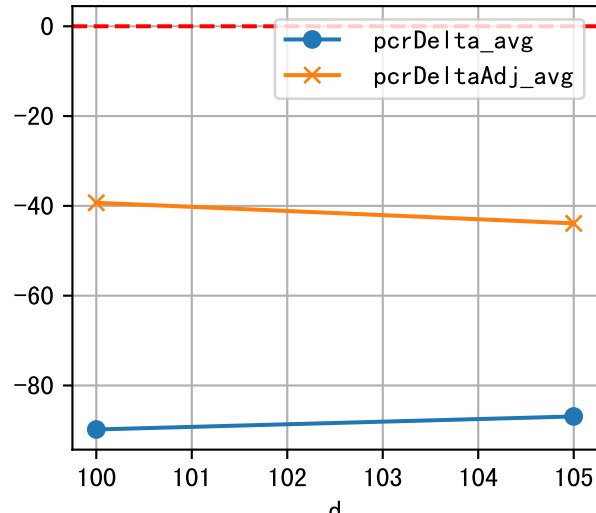
DeltaTypeAbbr=Wei AvgByD



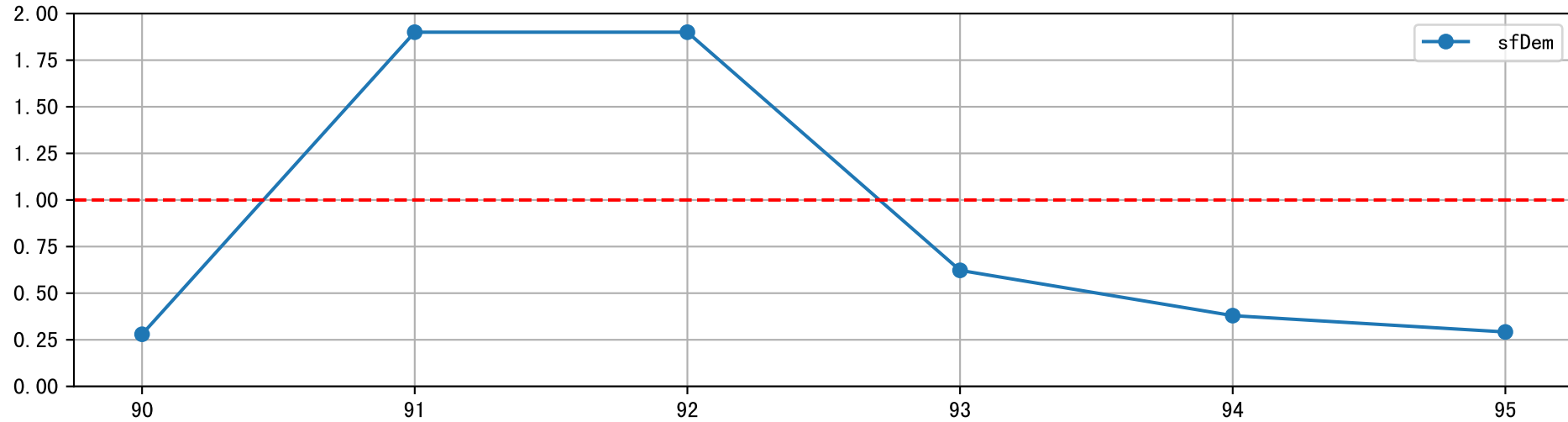
DeltaTypeAbbr=GrpByAge

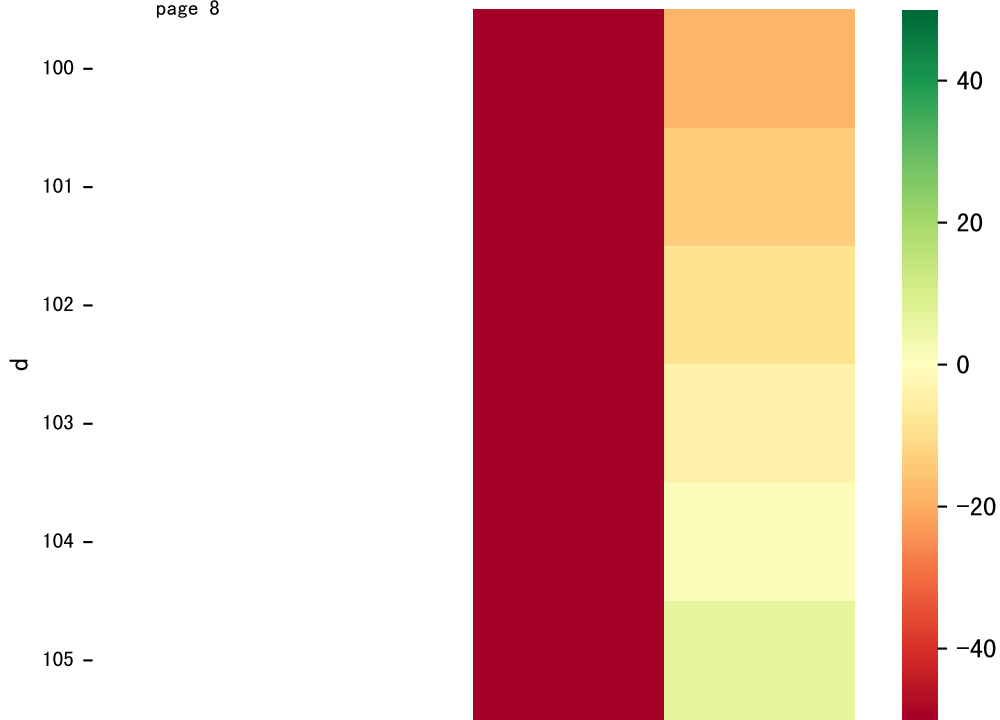
P10AE LfA: D Est LfA  
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=Wei AvgByD



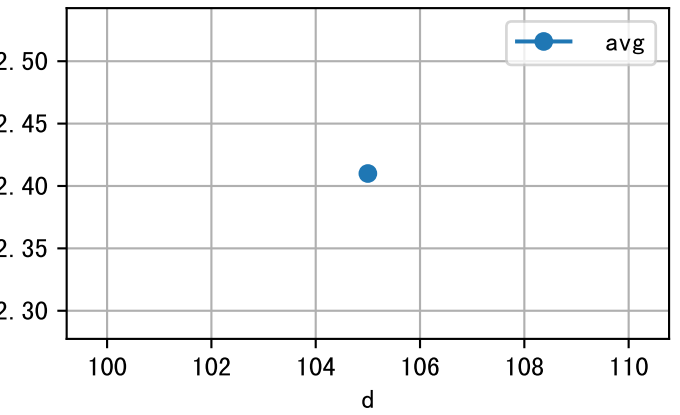
LfA: sfDem



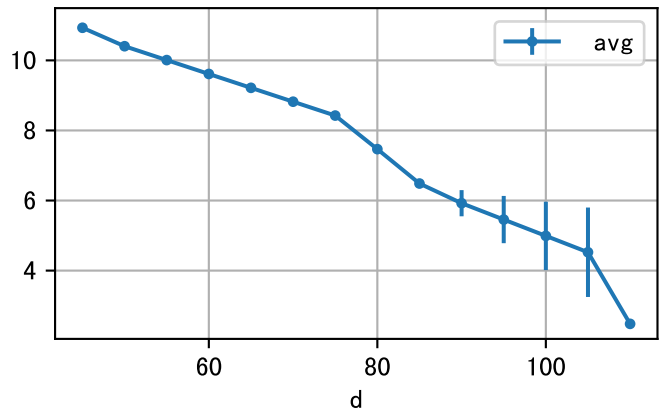


# NdD: avg vs. d at each age group

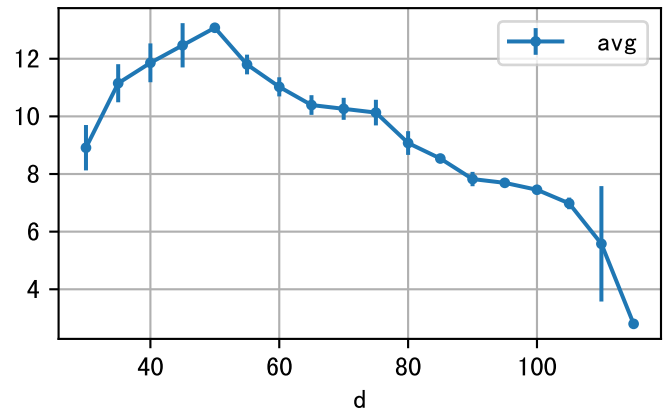
## age=15



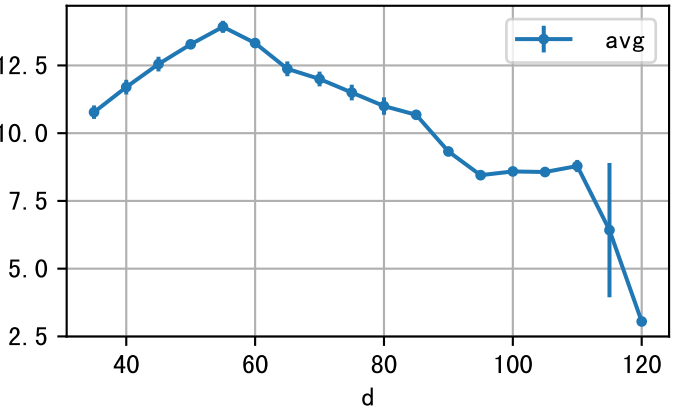
## age=20



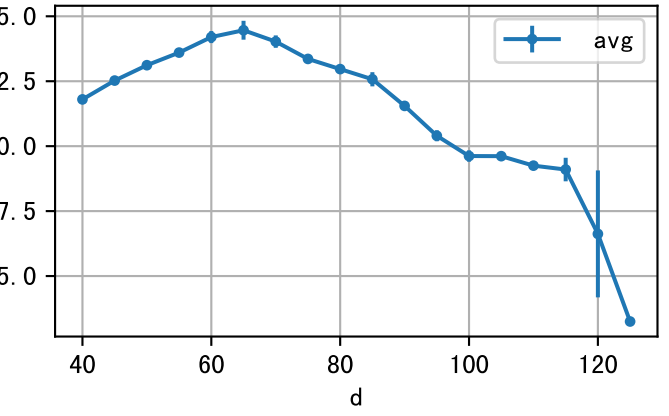
## age=25



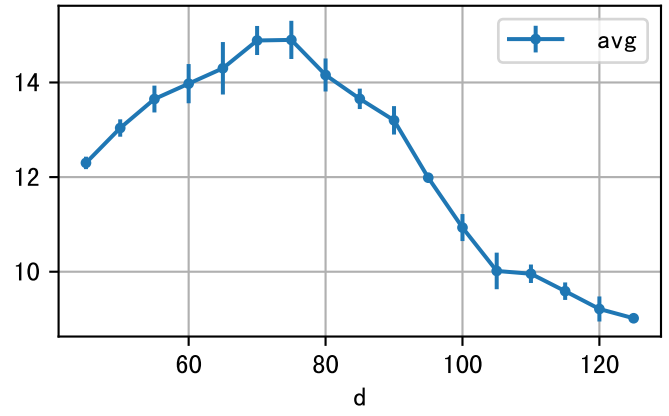
## age=30



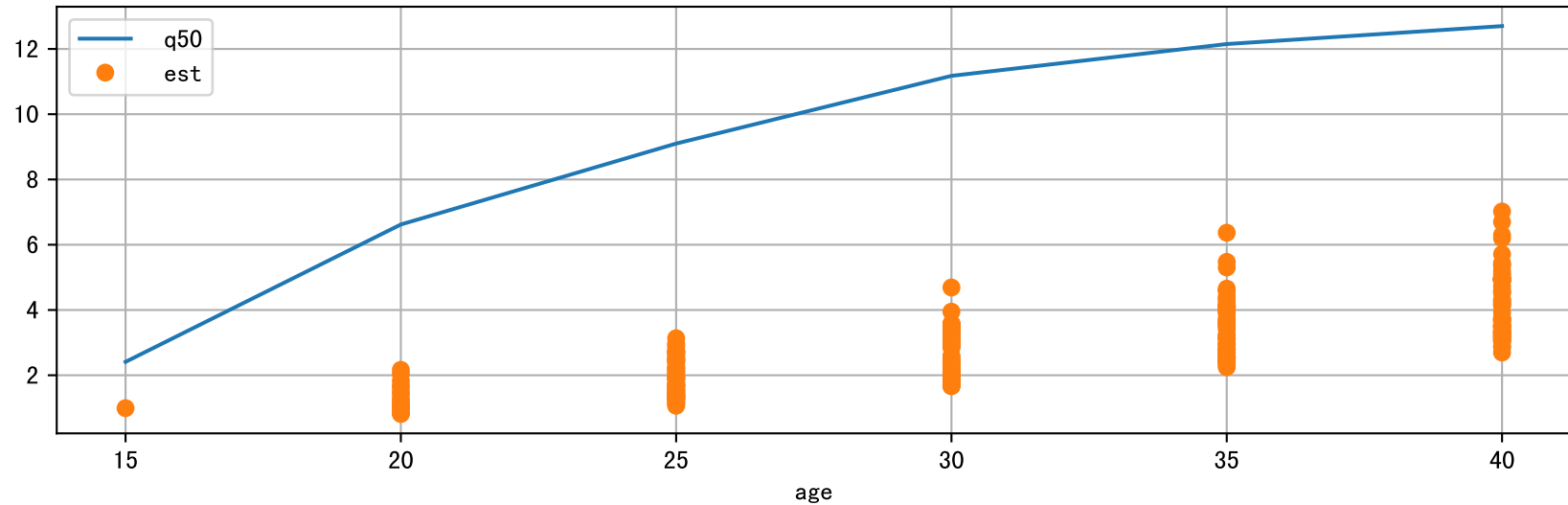
## age=35



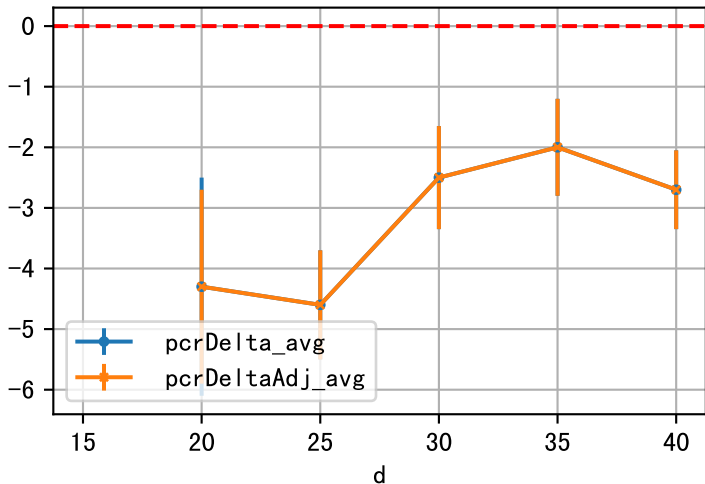
## age=40



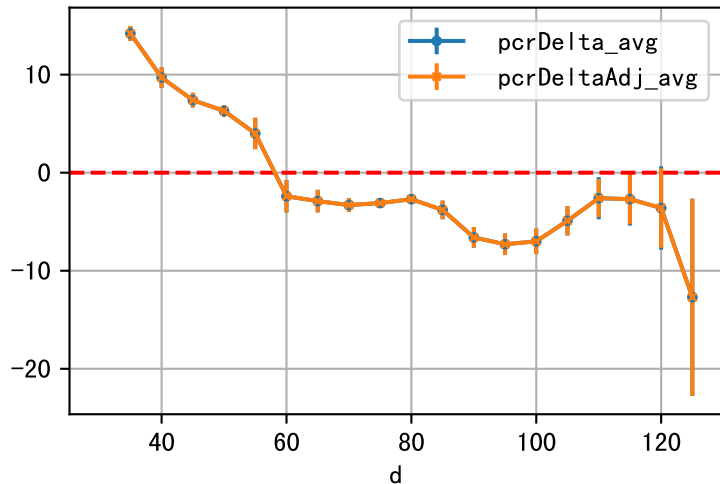
NdD: model est vs obs0v@Q50



DeltaTypeAbbr=GrpByAge

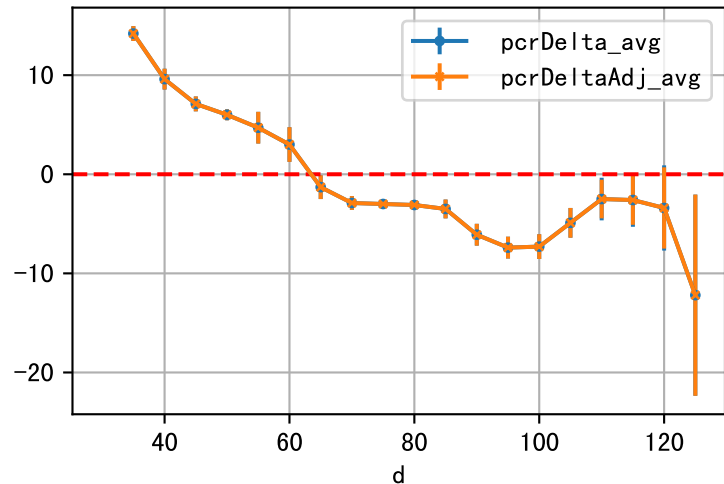


DeltaTypeAbbr=GrpByDay

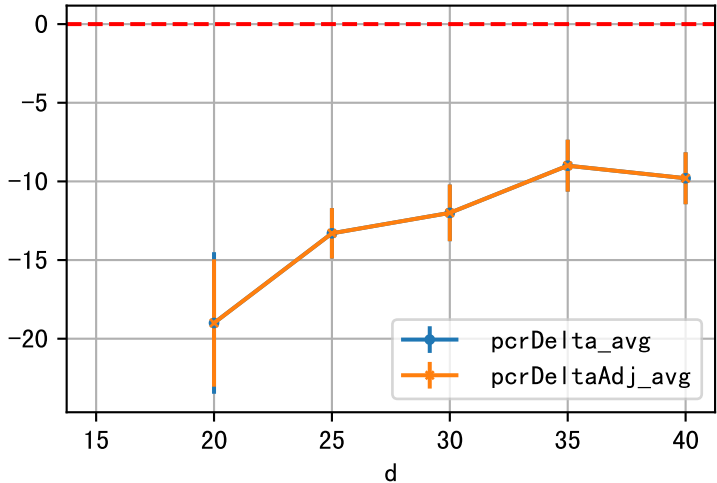


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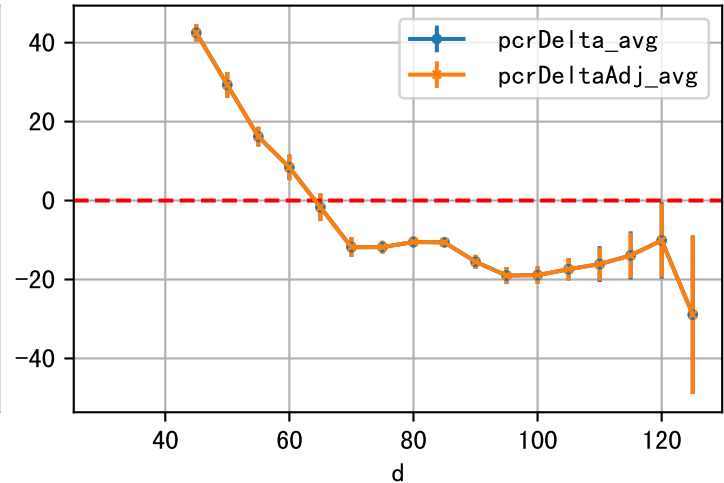
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

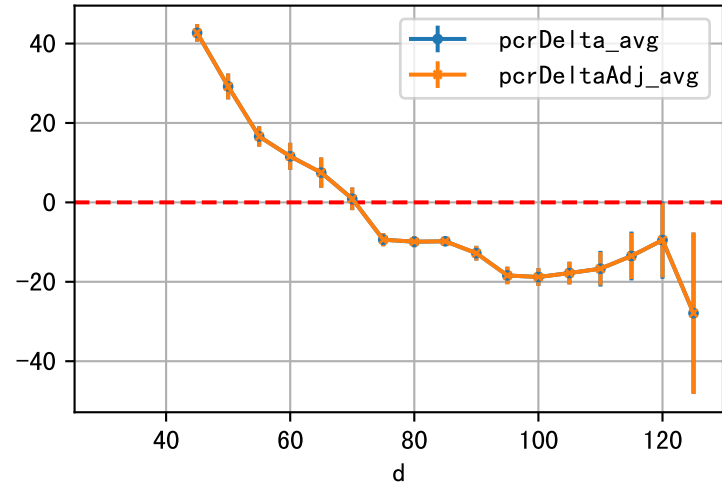


DeltaTypeAbbr=GrpByDay

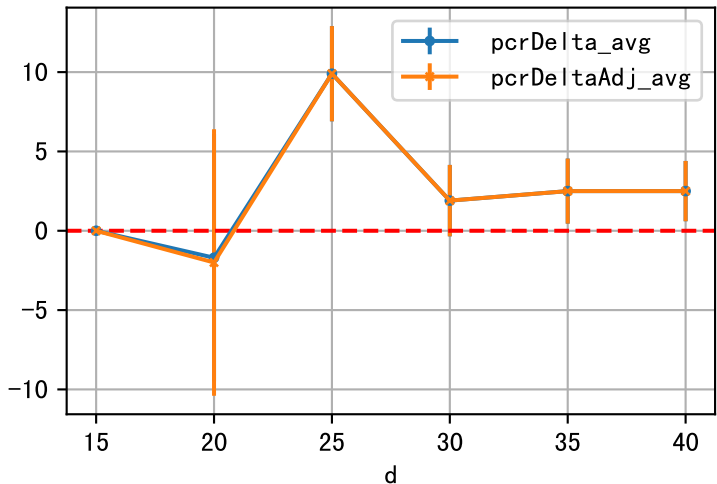


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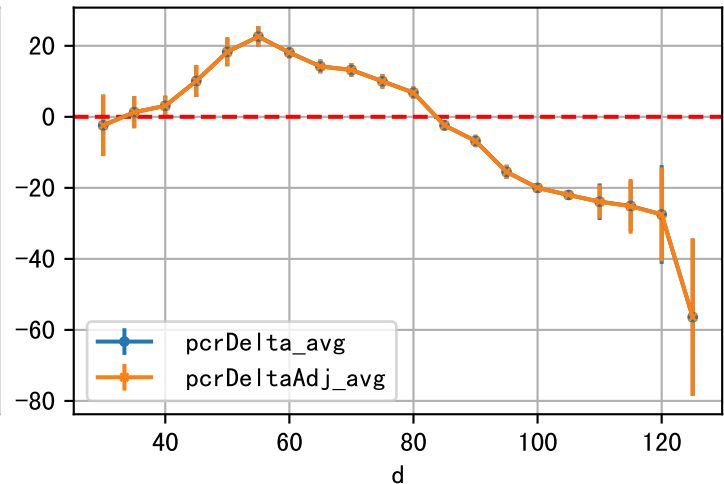
DeltaTypeAbbr=WeiAvgByD



DeltaTypeAbbr=GrpByAge

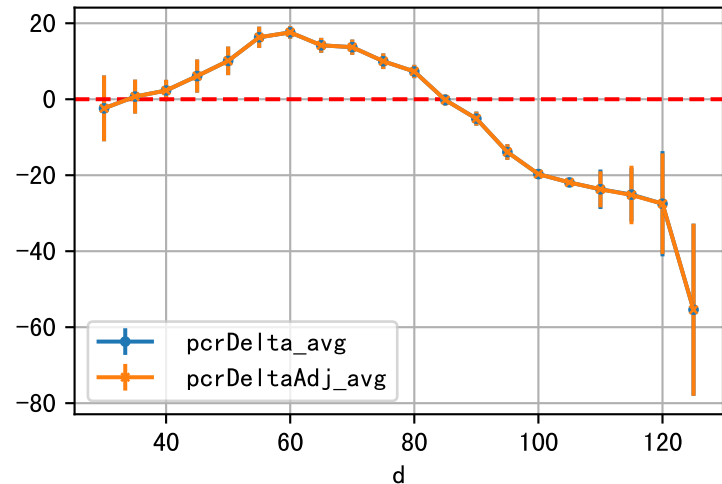


DeltaTypeAbbr=GrpByDay



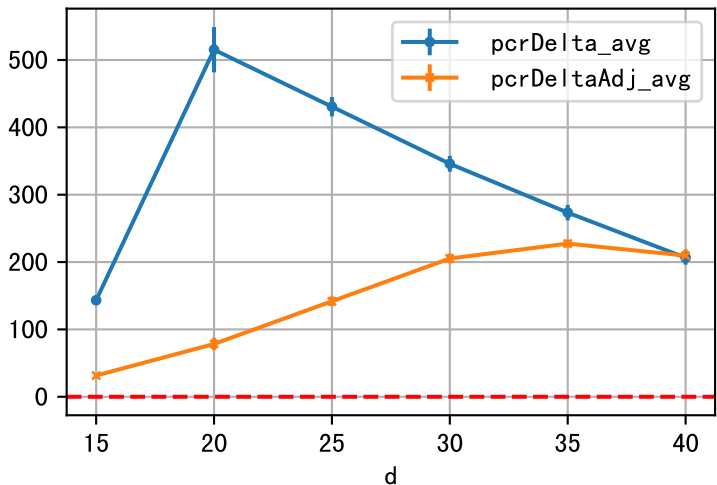
page 13

DeltaTypeAbbr=WeiAvgByD

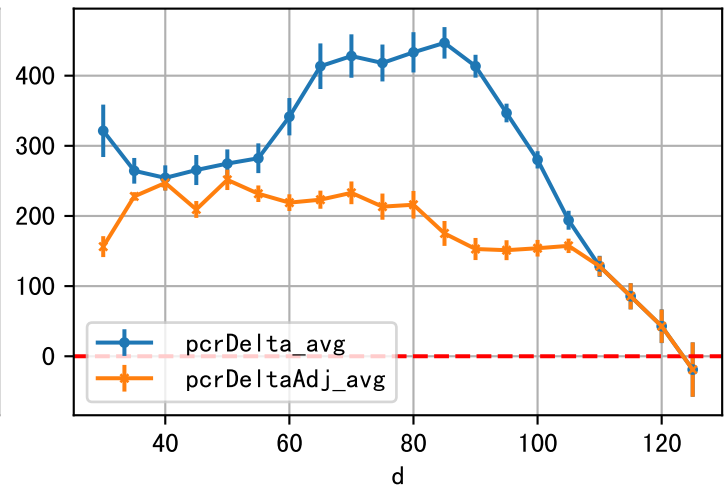


P10AE NdD: D\_Est\_NdD

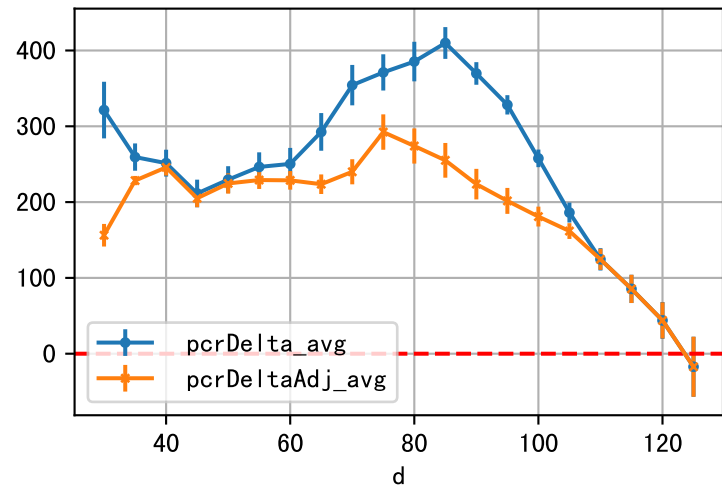
DeltaTypeAbbr=GrpByAge



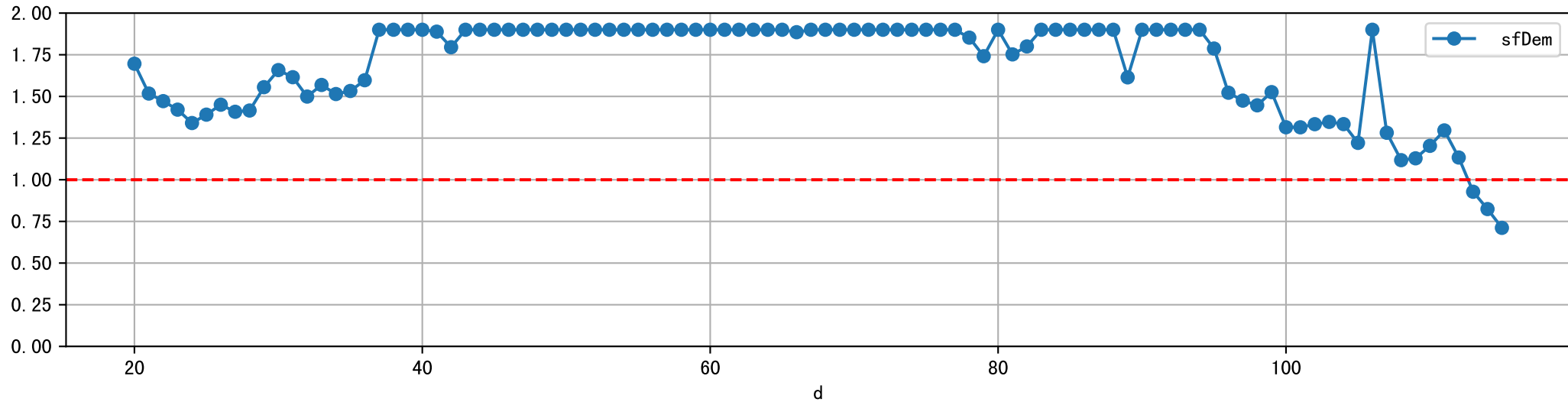
DeltaTypeAbbr=GrpByDay

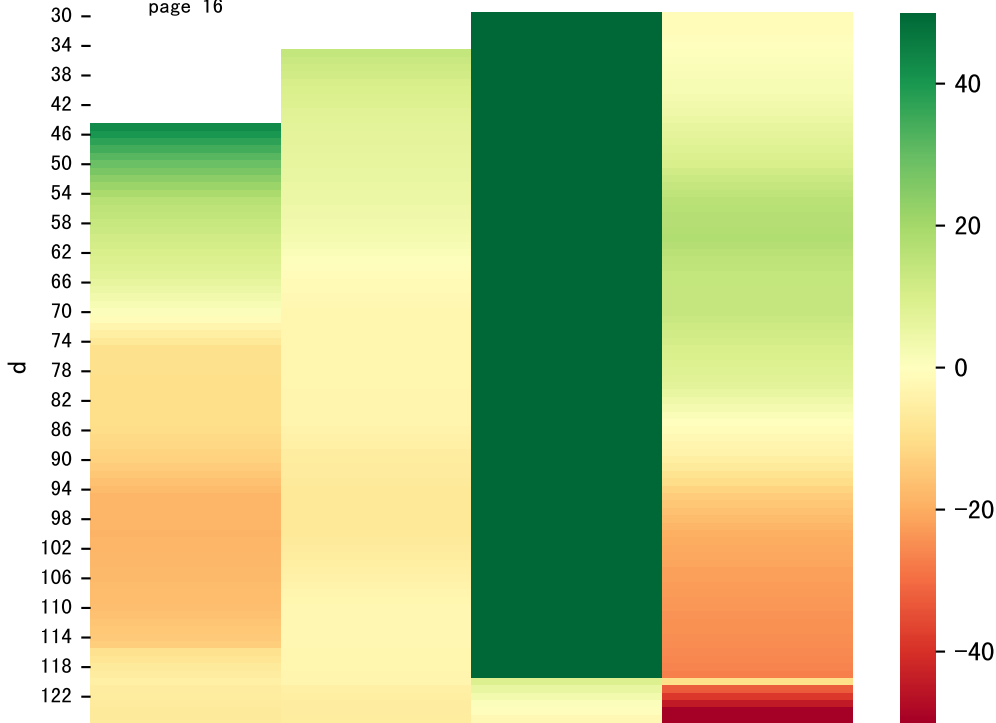


DeltaTypeAbbr=WeiAvgByD

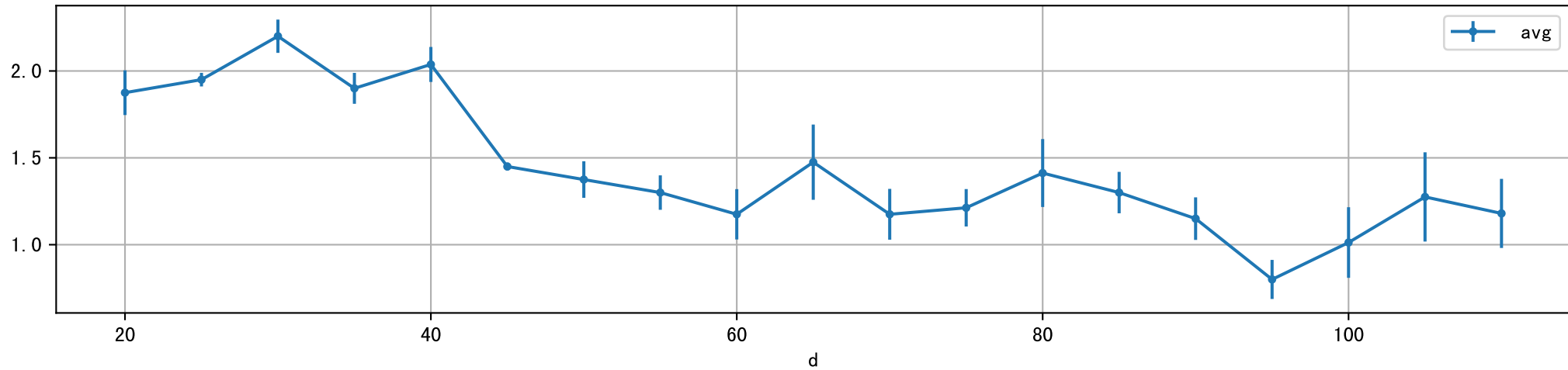


NdD: sfDem

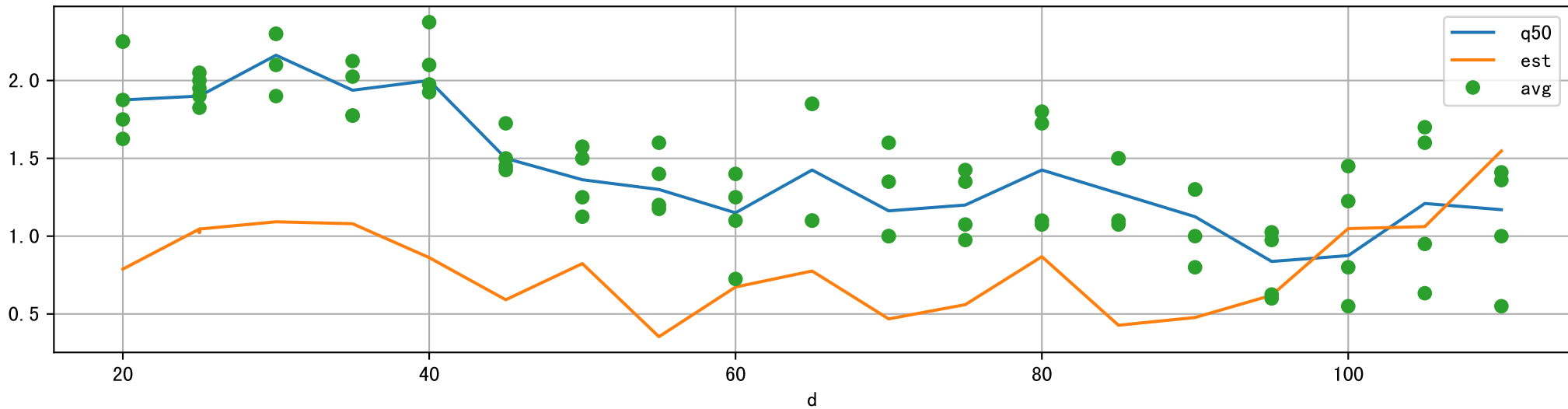




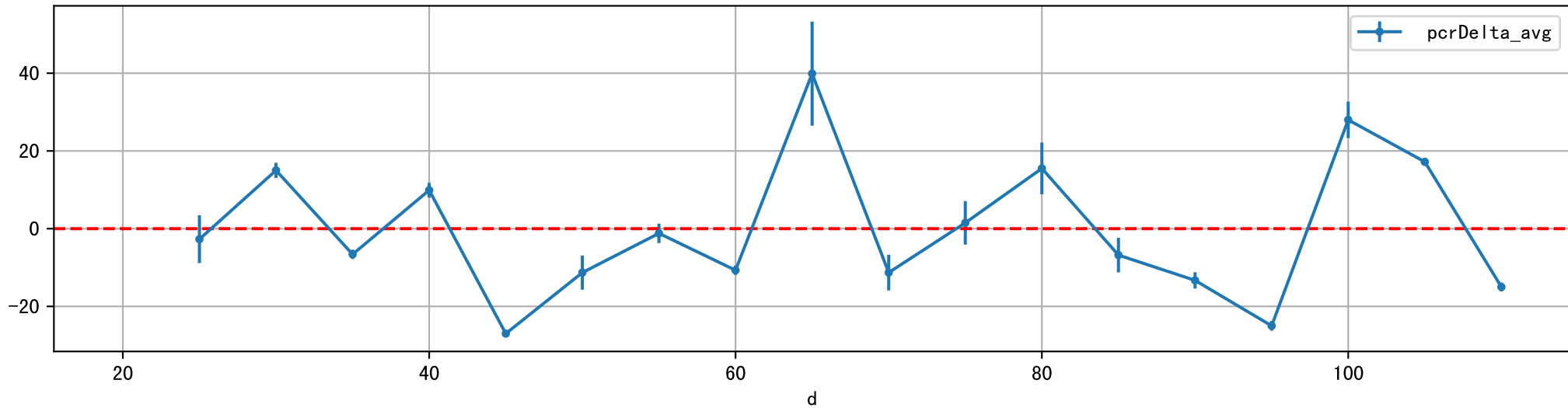
dStH: avg vs. d



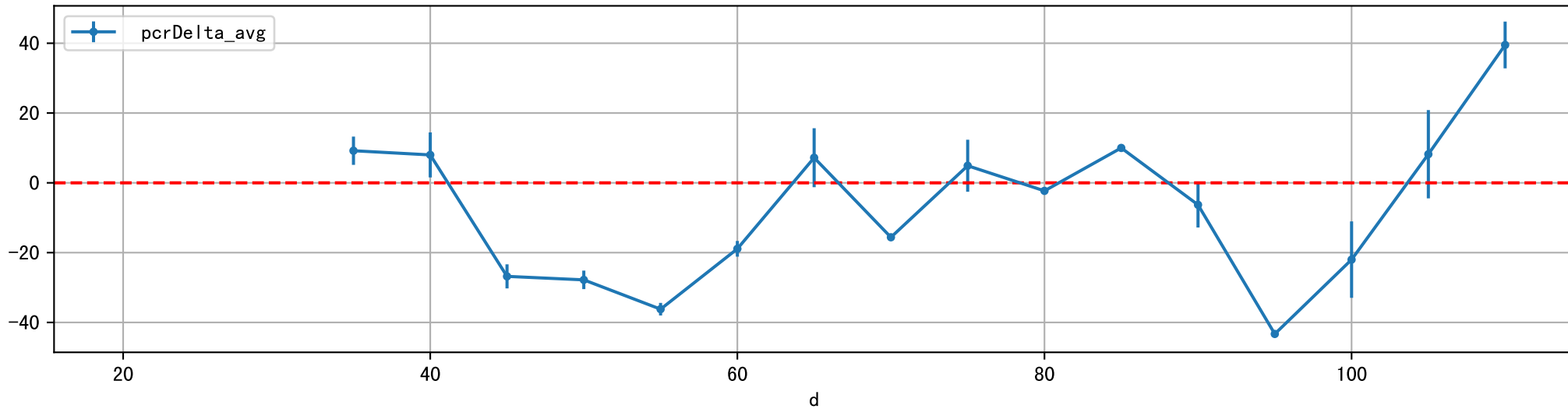
dStH: obsAvg vs obs0v@Q50



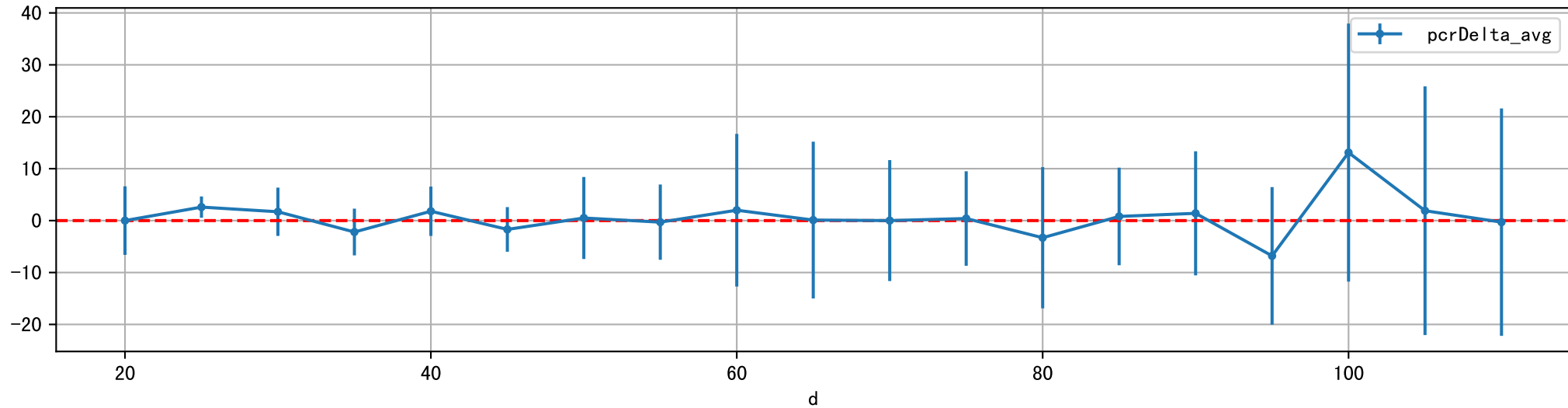
dStH: D\_5d\_StH



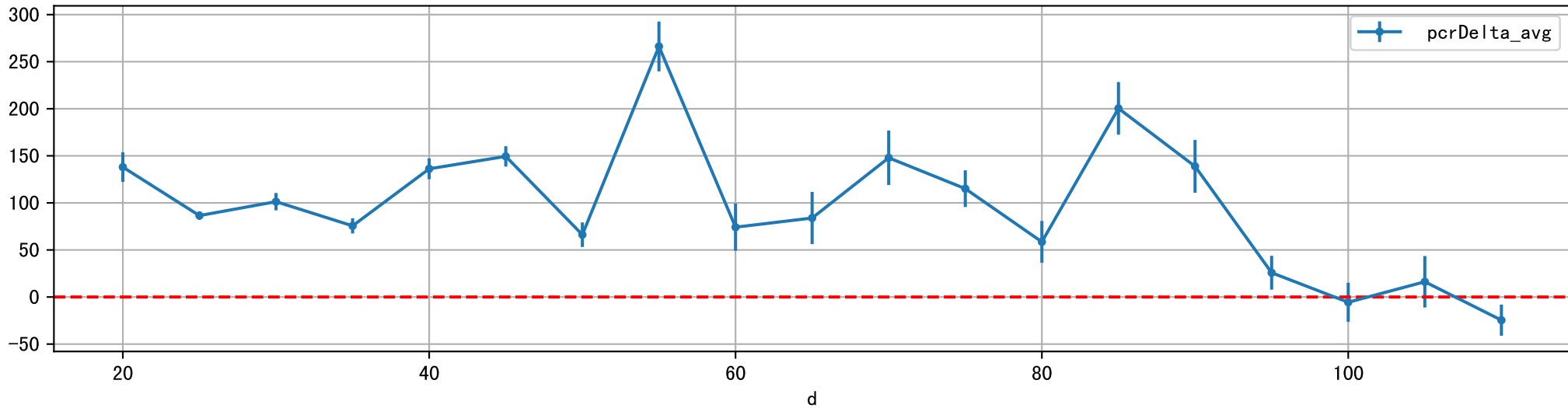
dStH: D\_15d\_StH



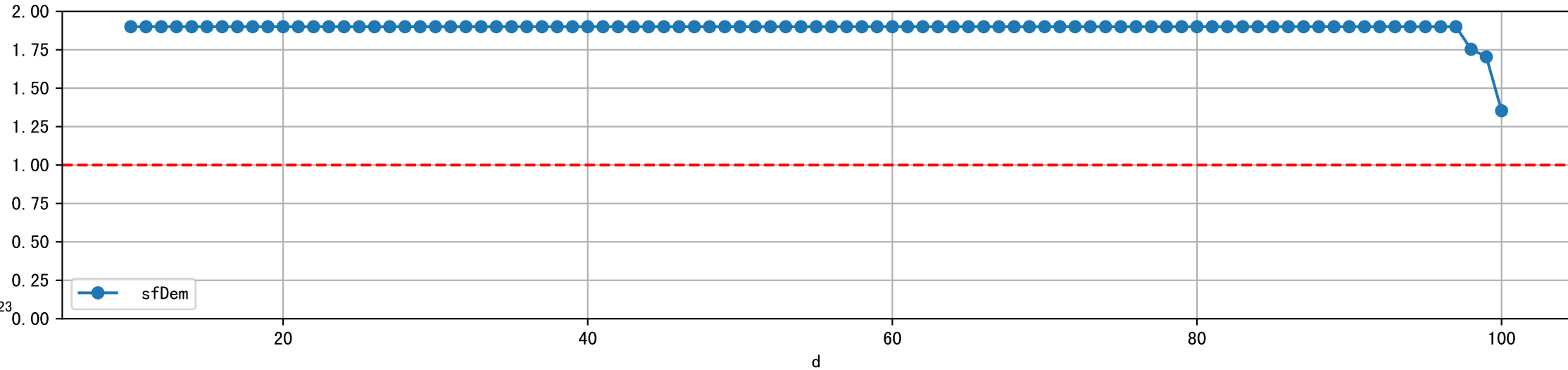
dStH: D\_Q50\_StH

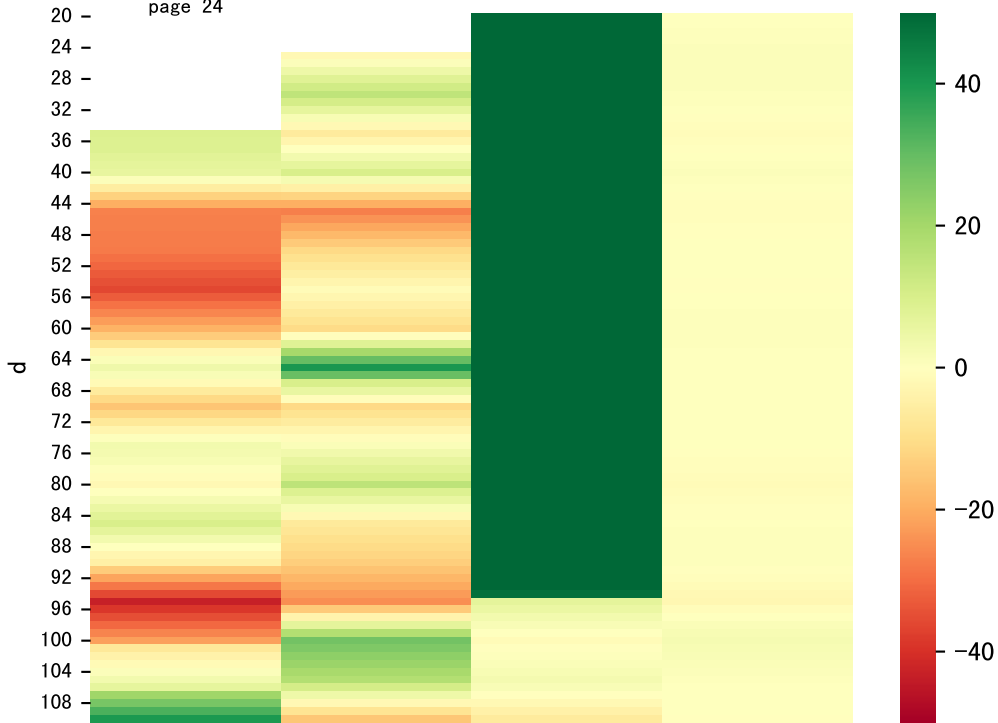


dStH: D\_Est\_StH



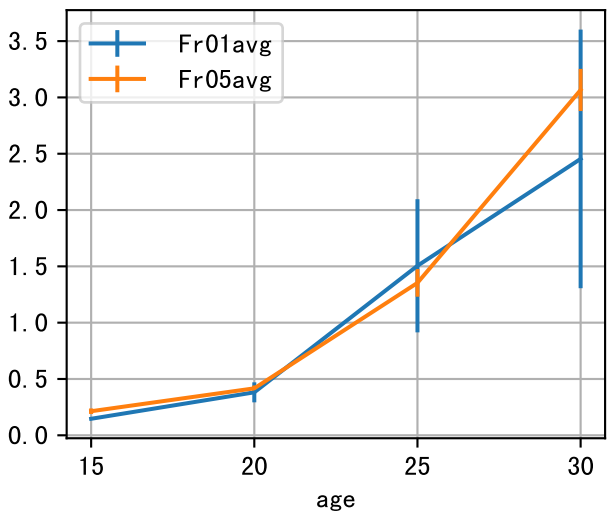
dStH: sfDem



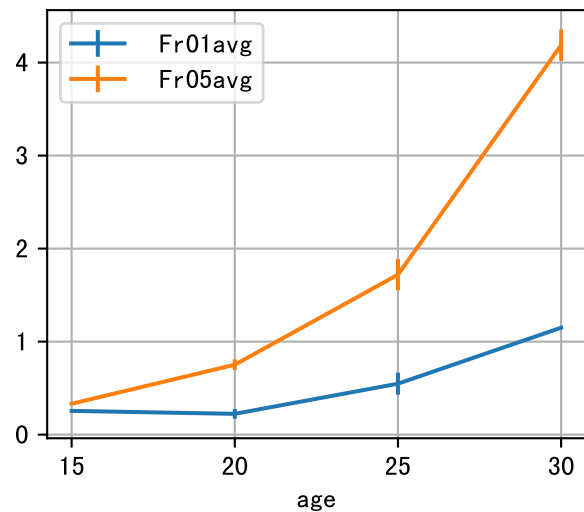


FrV: Fr01 vs Fr05 at each truss

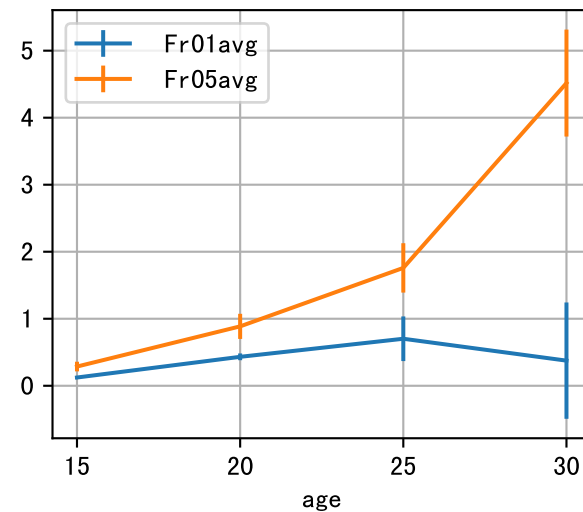
organID=T01



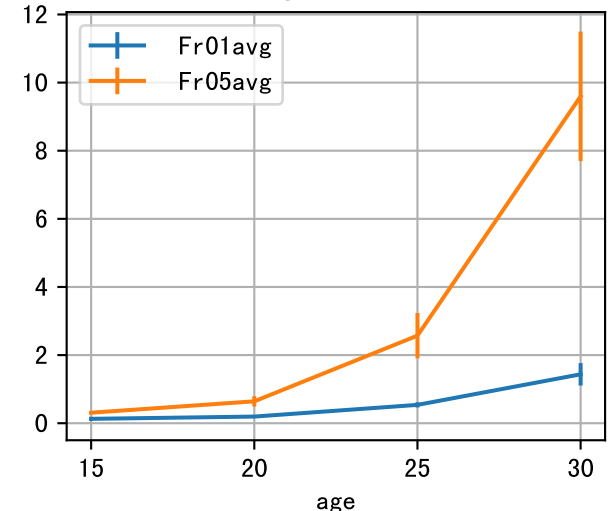
organID=T02



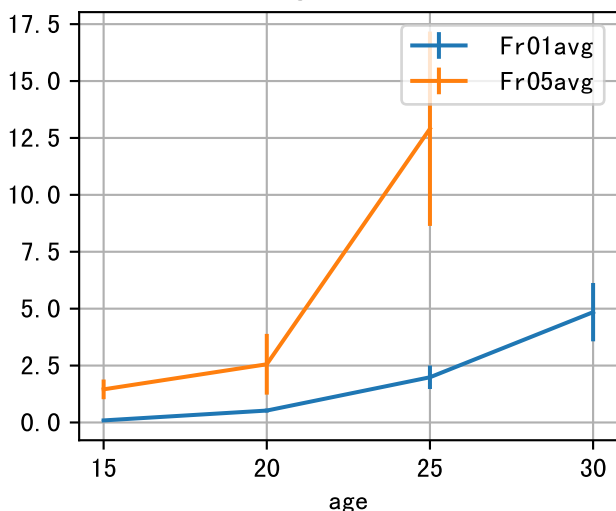
organID=T03



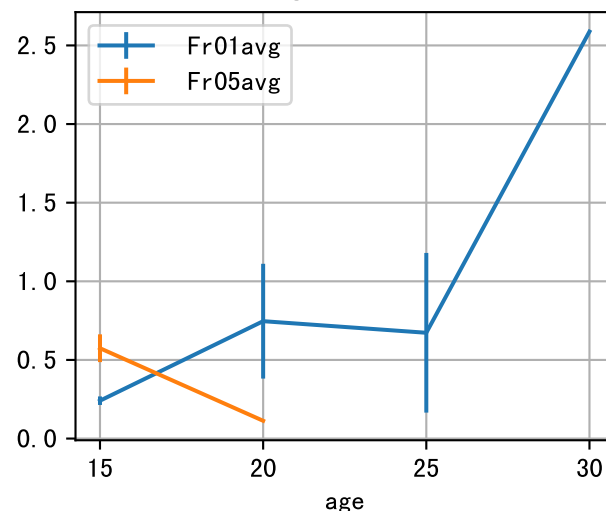
organID=T04



organID=T05

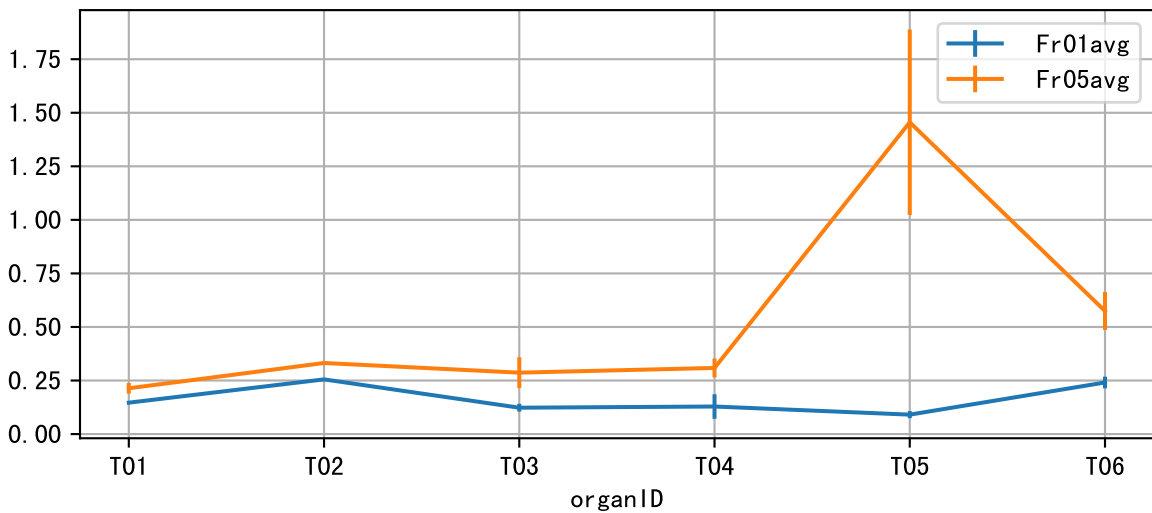


organID=T06

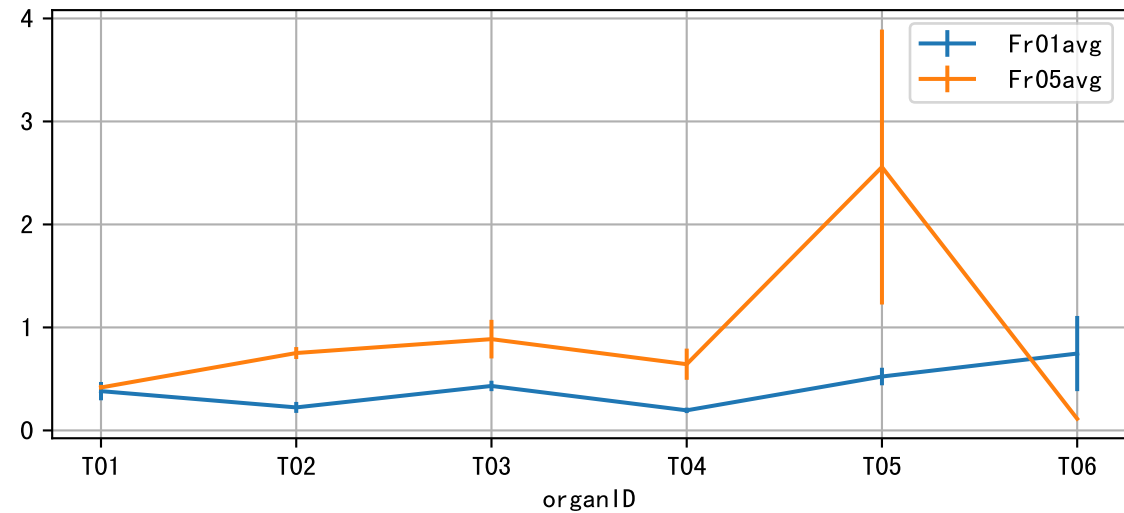


## FrV trend at each age

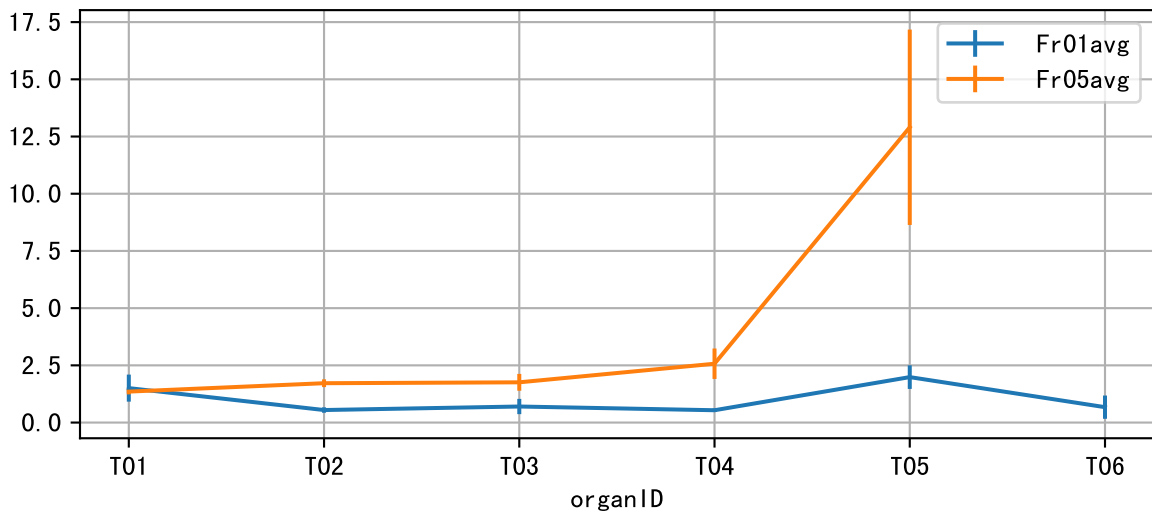
age=15



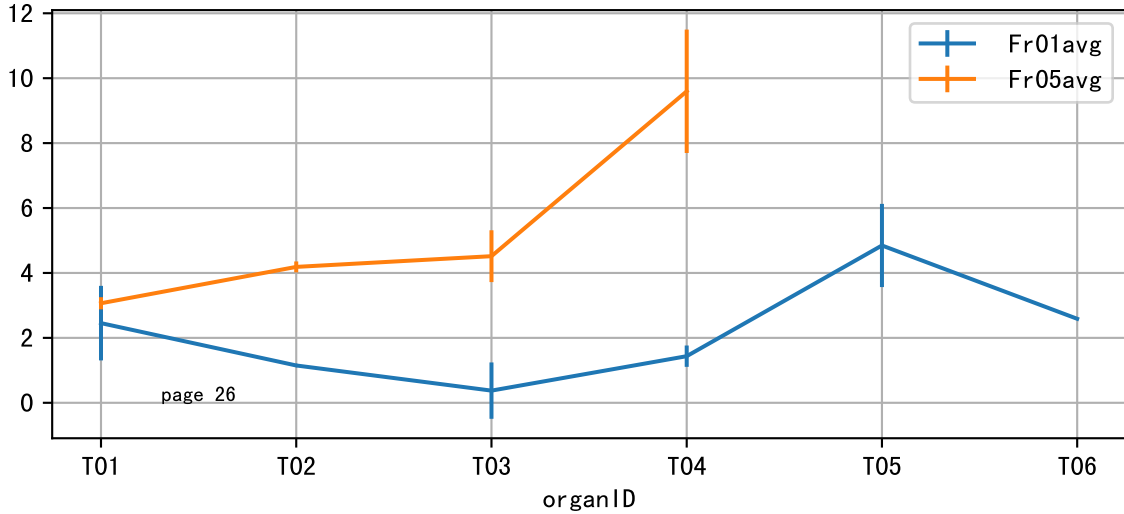
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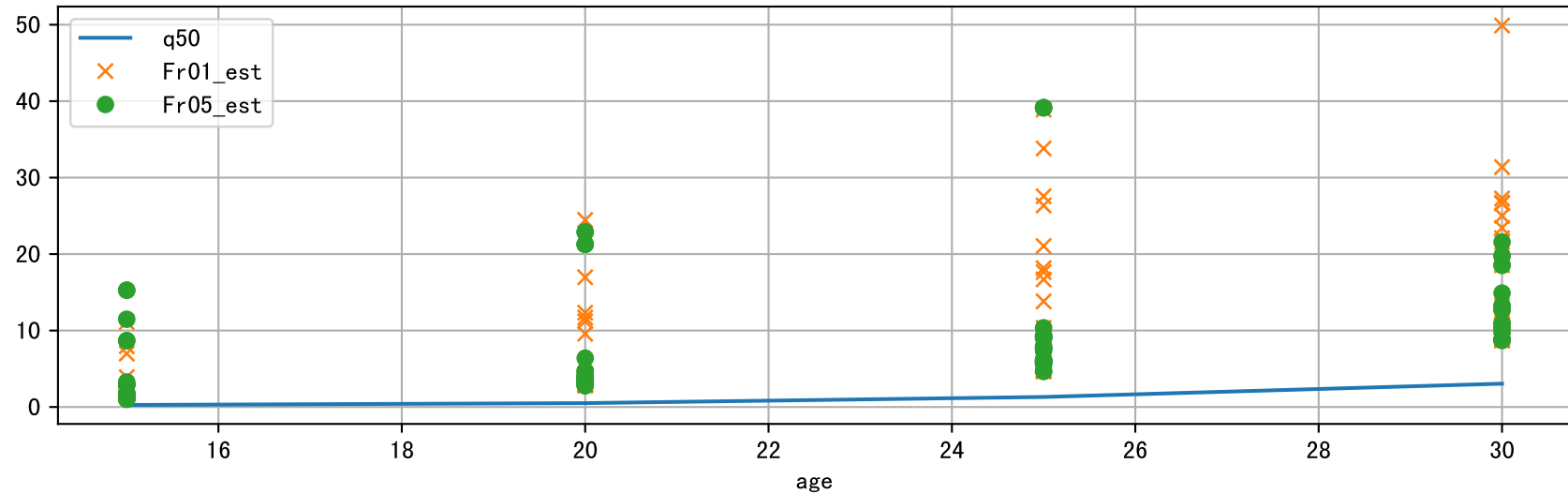
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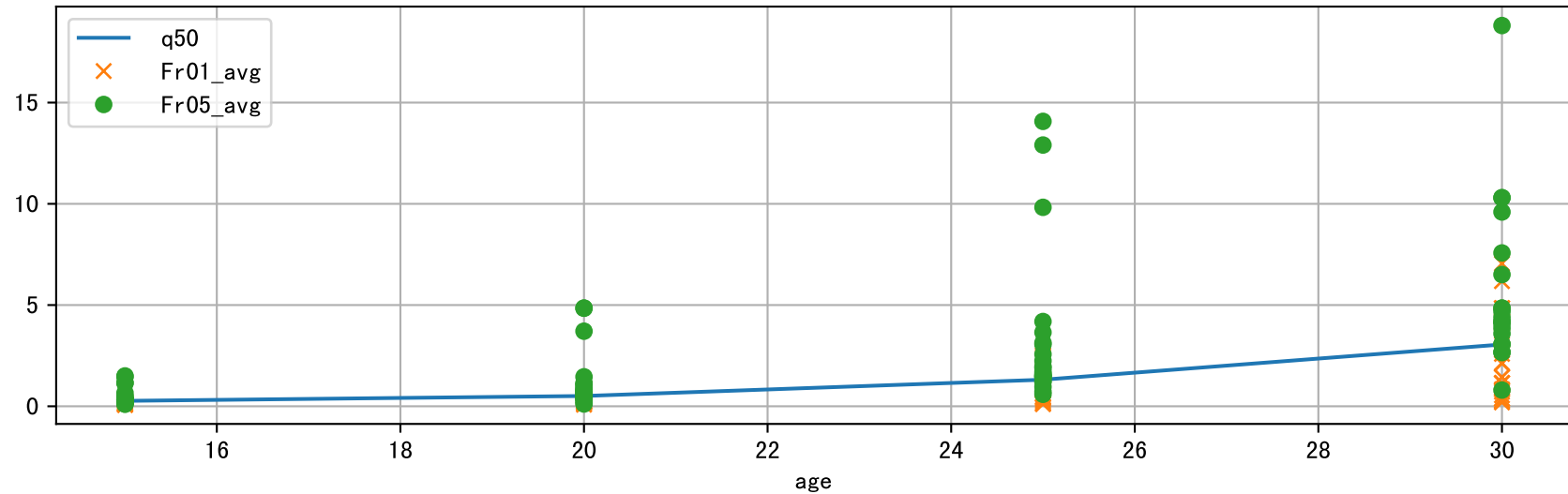
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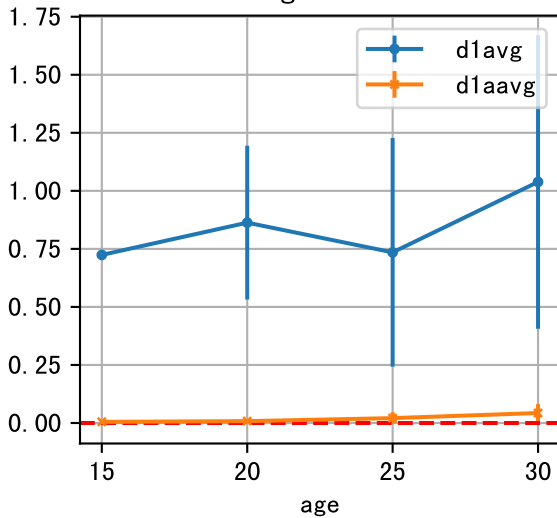
FrV: model Est vs obsFrV at Q90



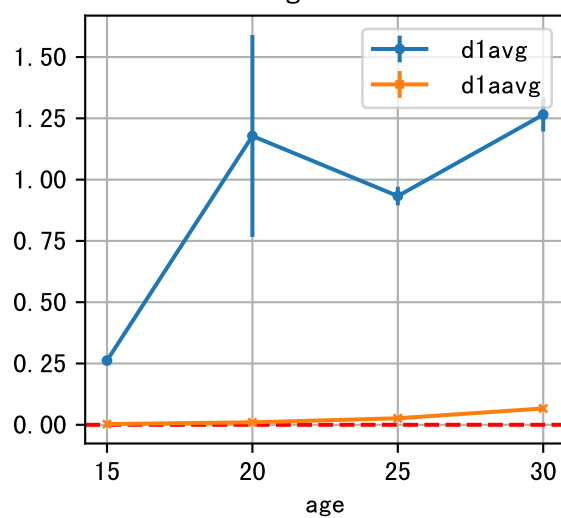
FrV: obsFrV vs obsFrV@Q90



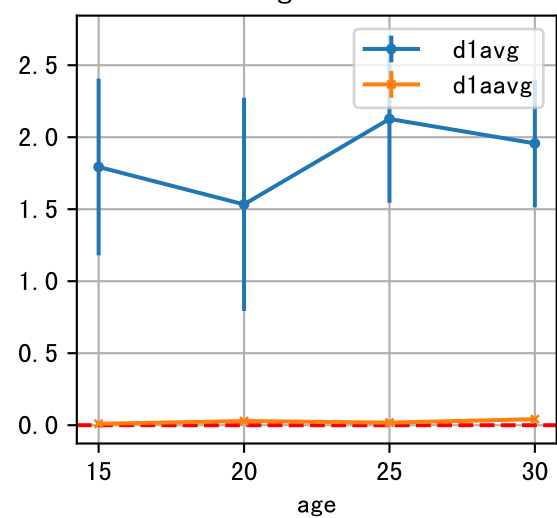
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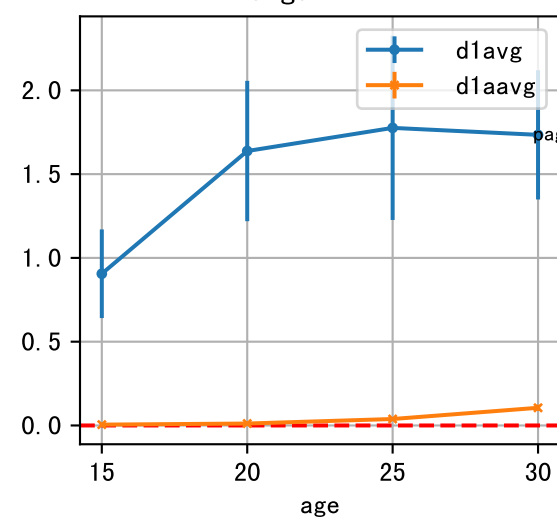
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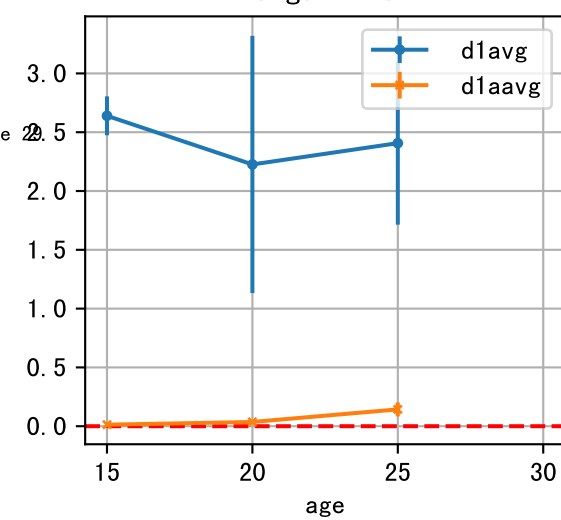
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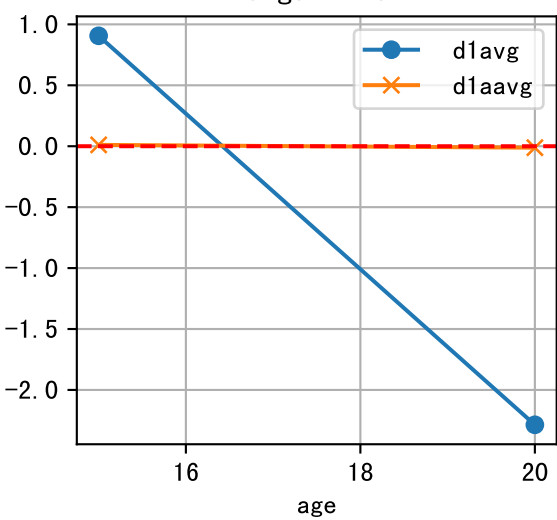
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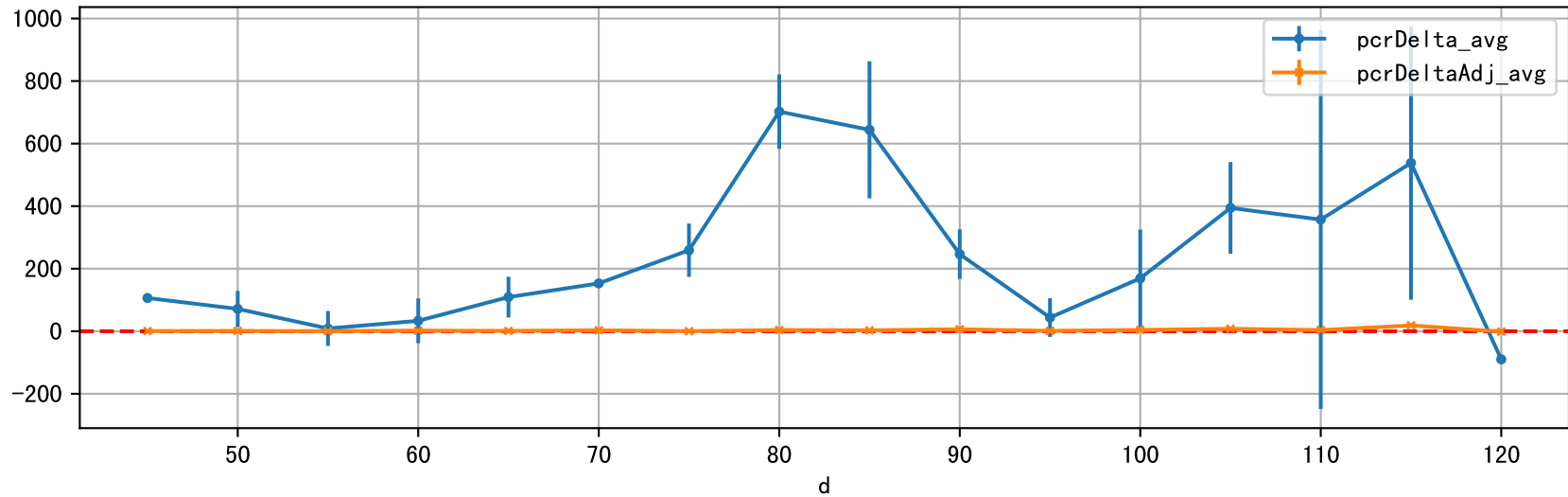
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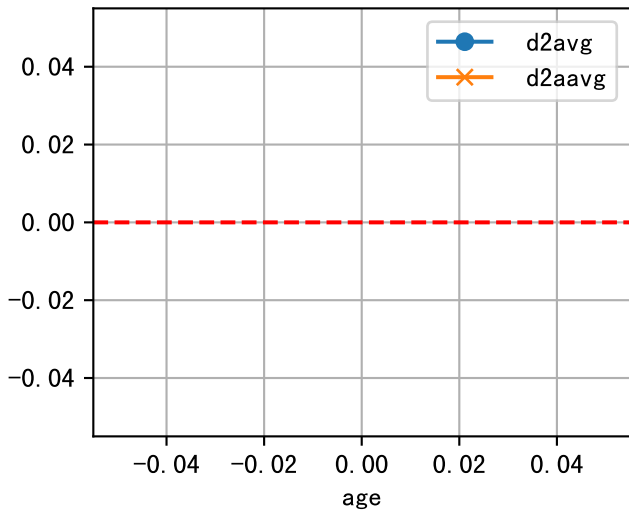
organID=6



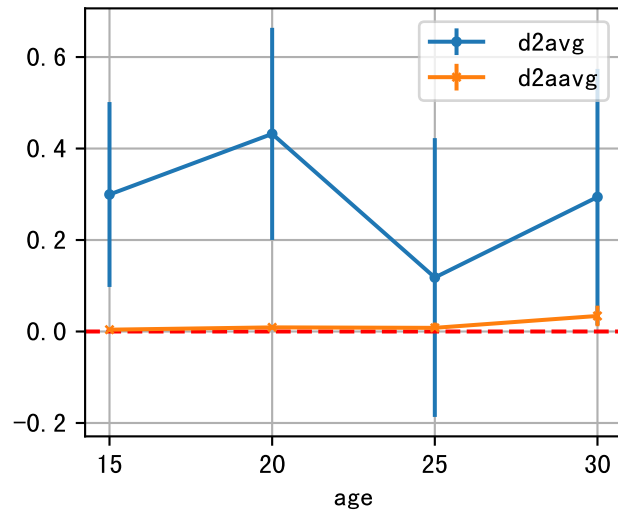
P10AE FrV: D\_Fr1\_FrV



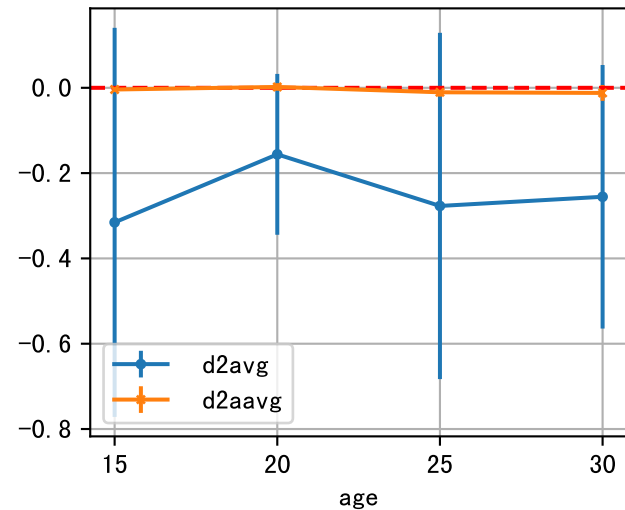
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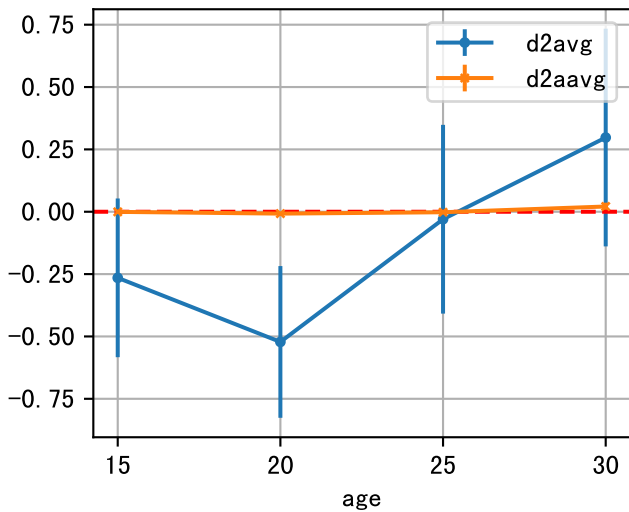
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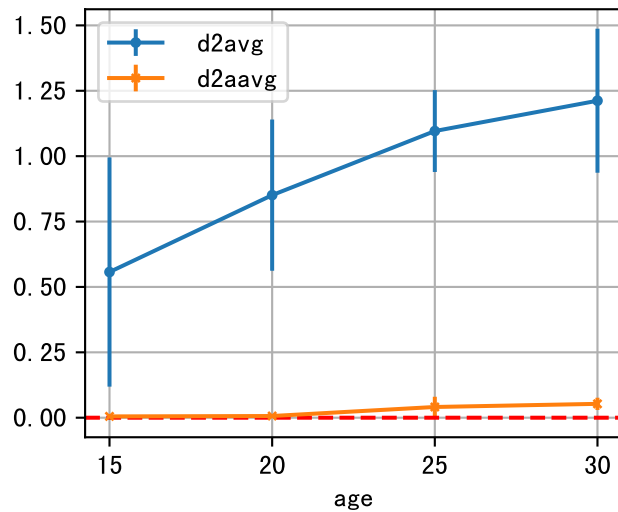
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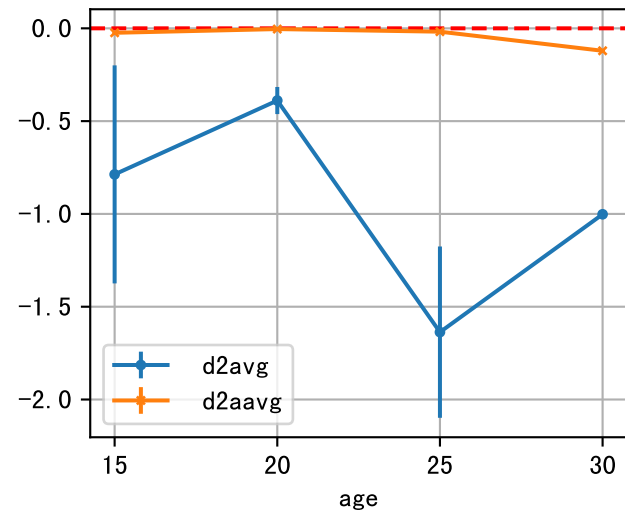


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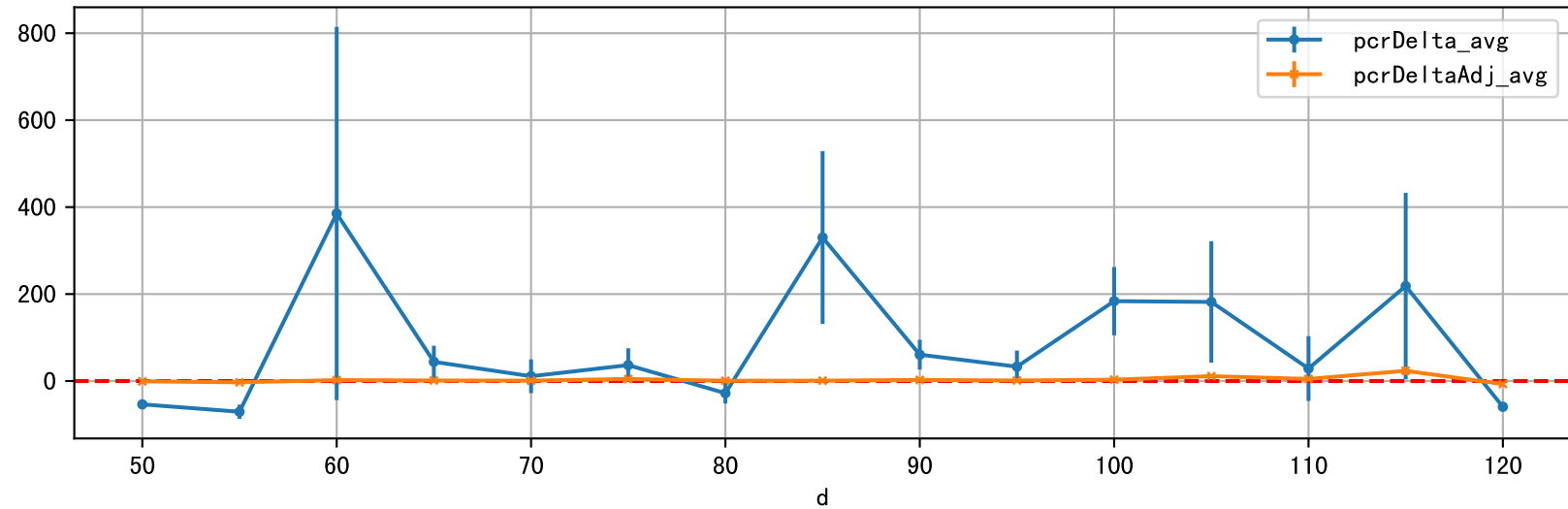


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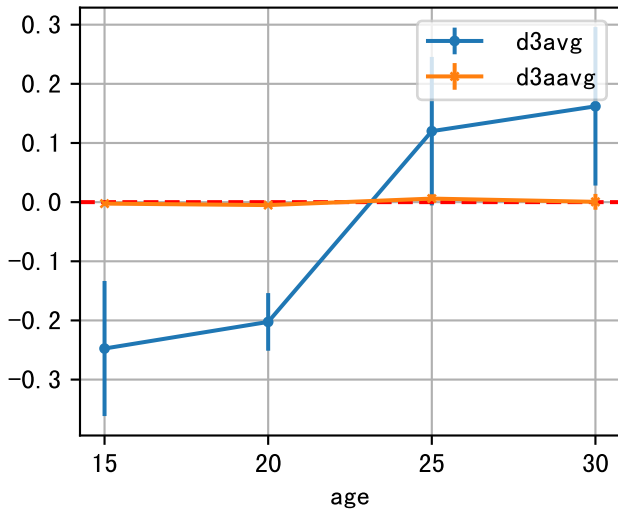
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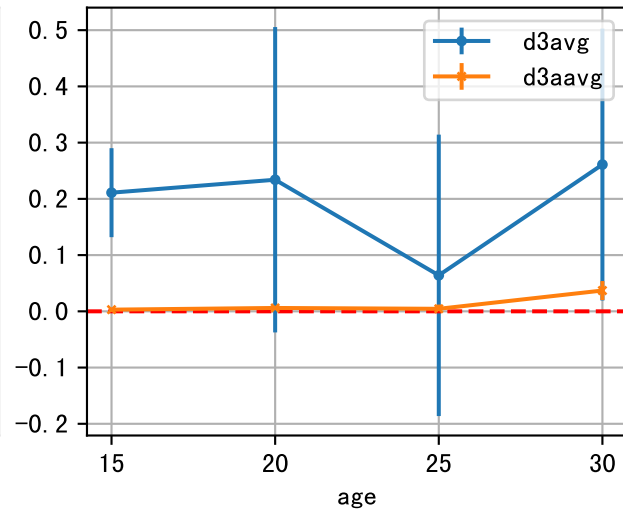
P10AE FrV: D\_Ts\_FrV



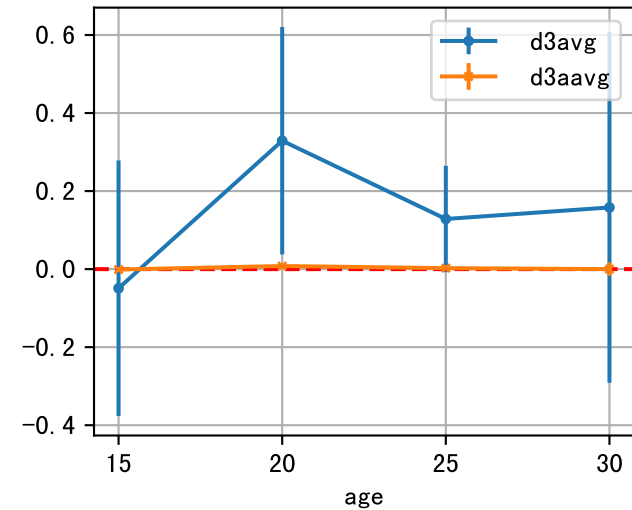
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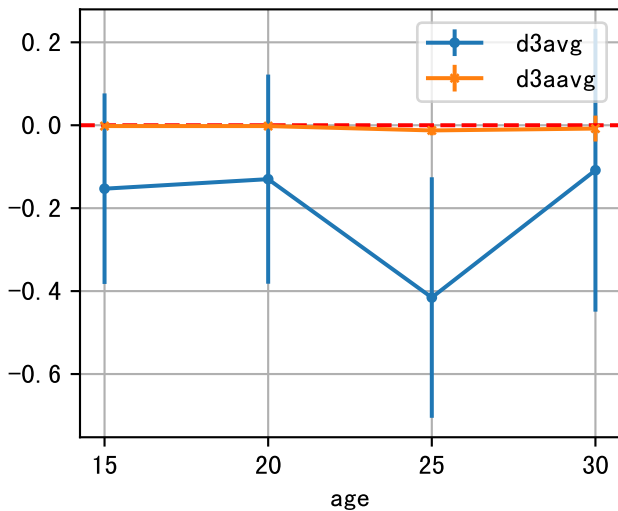
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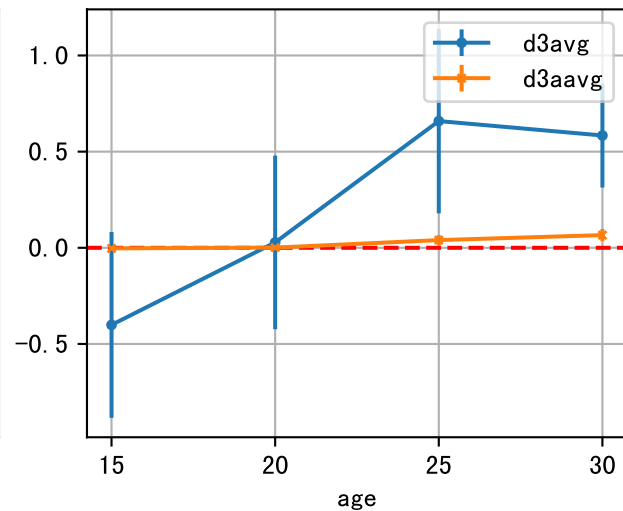
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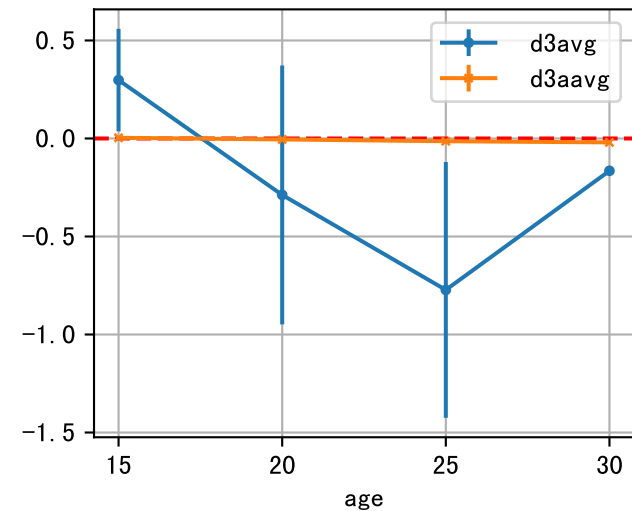


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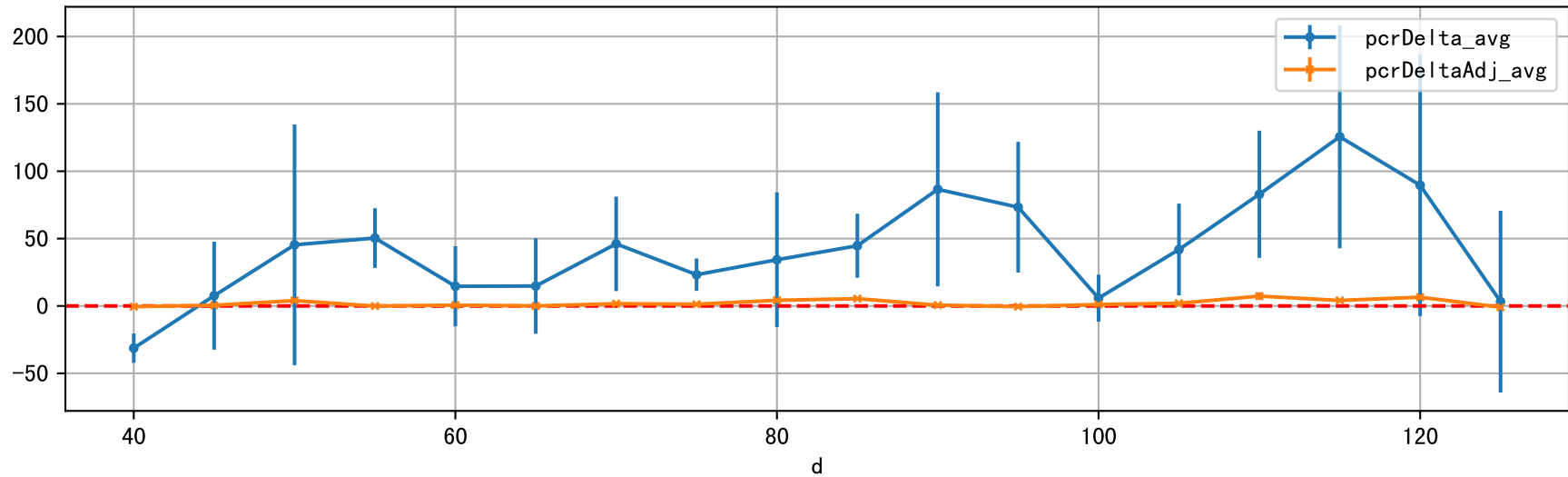


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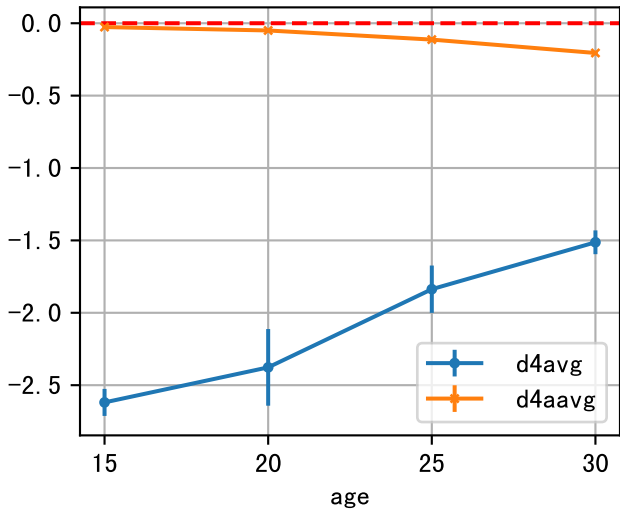
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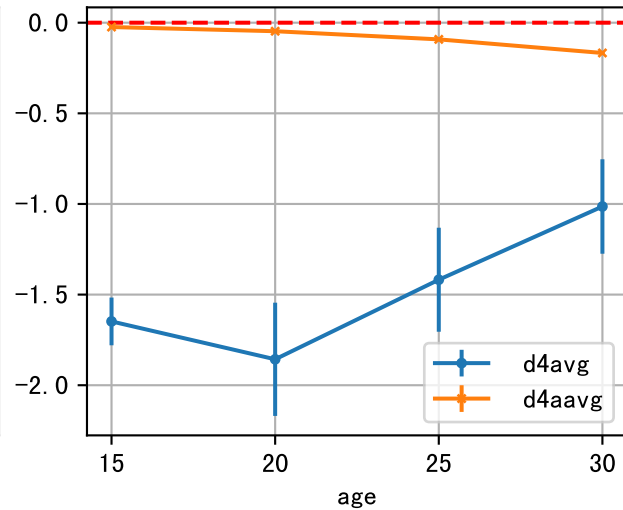
P10AE FrV: D\_Q50\_FrV



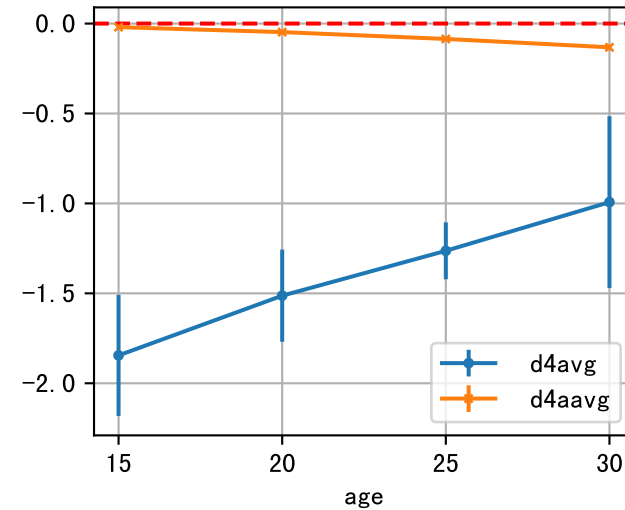
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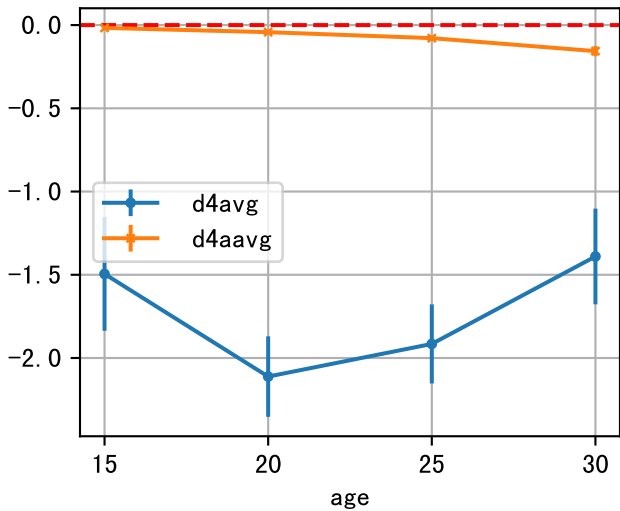
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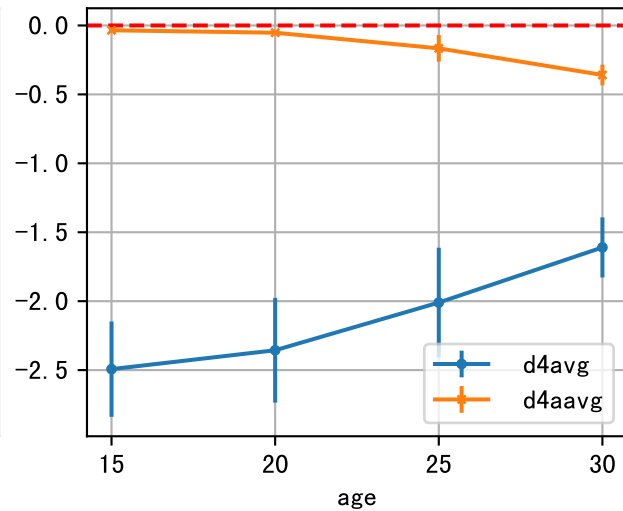
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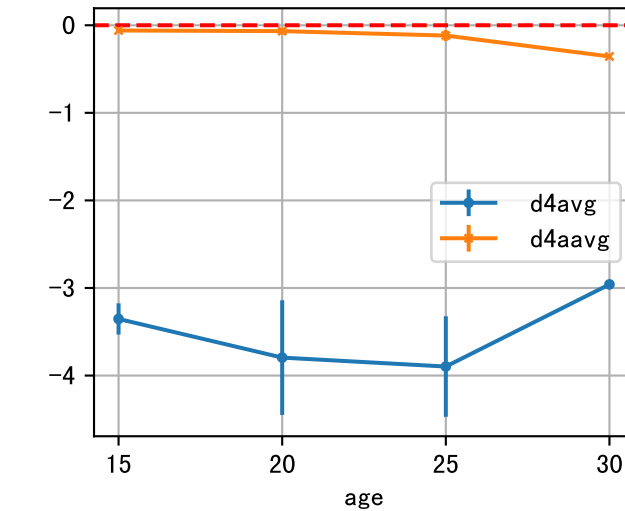


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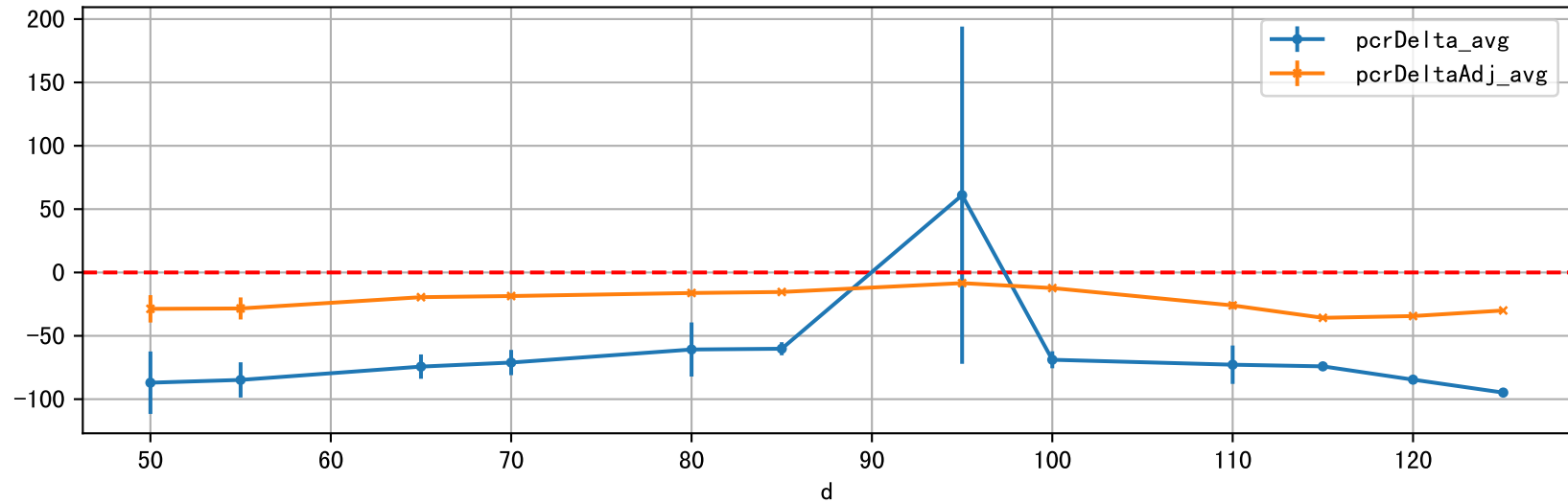


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organID=6



P10AE FrV: D\_Est\_FrV



P10AE FrV: sfDem

