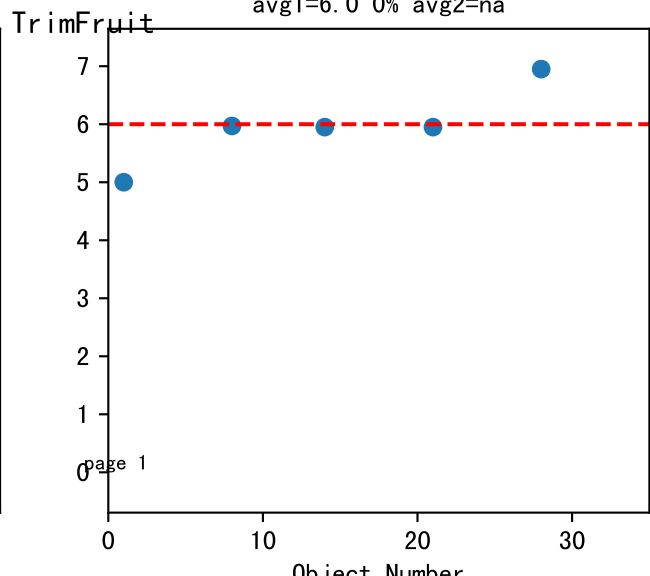
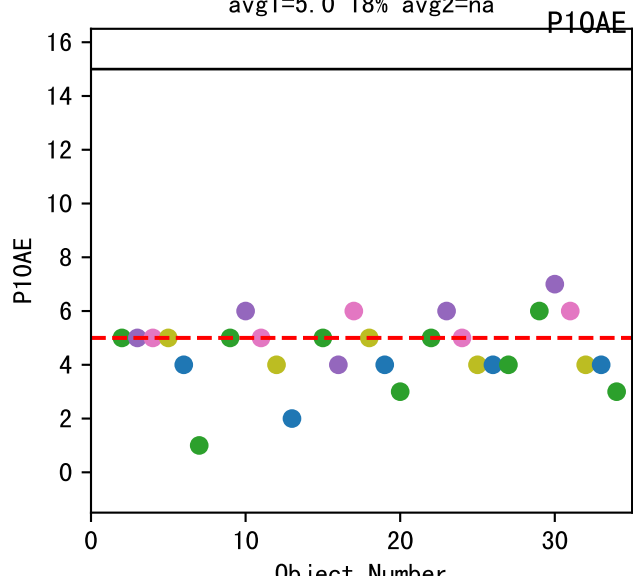


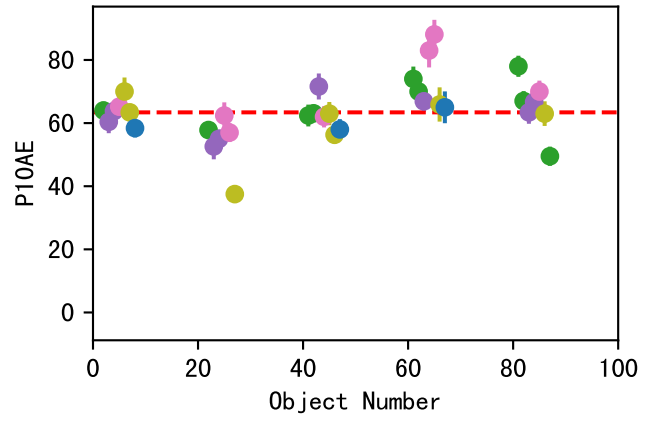
Phenotype Data Analysis Plots
PhenoData day range = 18 - 148
Analysis cutoff day = 148
NC11 P10
2026-03-16 (Day 149)

avg1=0.00% avg2=na
P10AE Truss

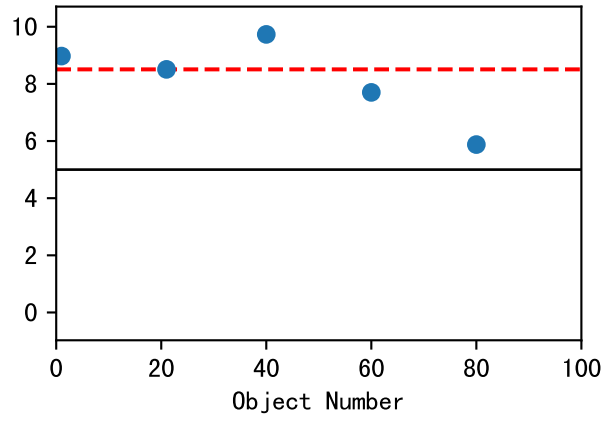




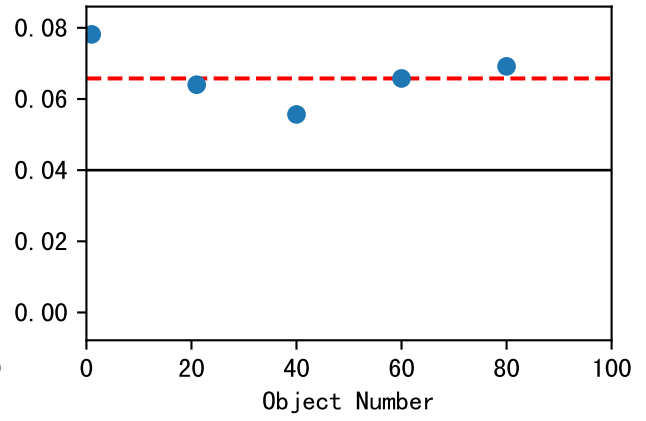
FRD_avgAbsY (Def=na Set=63.4)
avg1=63.4~10% avg2=na



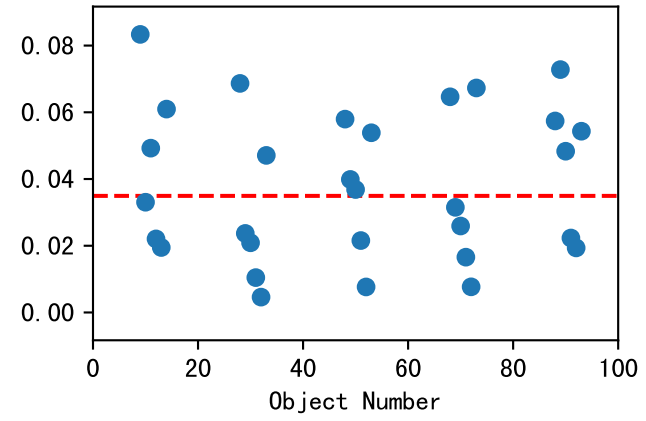
NdL_Q90AbsY (Def=5 Set=8.51)
avg1=8.51~17% avg2=na



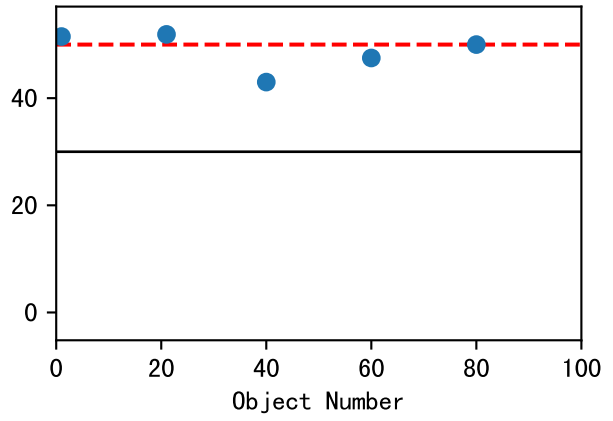
LTA_Q90AbsY (Def=0.04 Set=0.04)
avg1=0.07~4% avg2=na



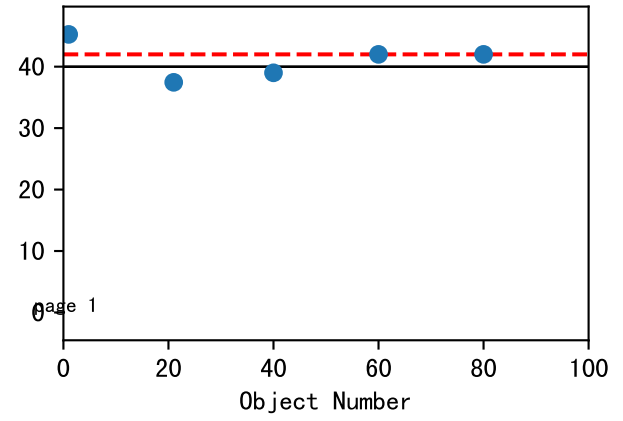
LfA_avgAbsY (Def=na Set=0.03)
avg1=0.03~63% avg2=na



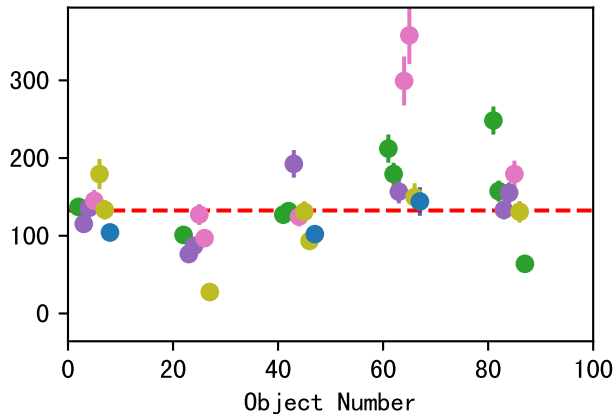
LfW_Q90AbsY (Def=30 Set=50.0)
avg1=50.0~7% avg2=na



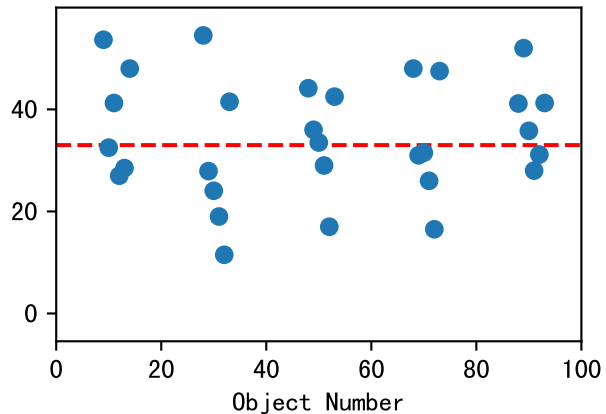
LfL_Q90AbsY (Def=40 Set=42.0)
avg1=42.0~7% avg2=na



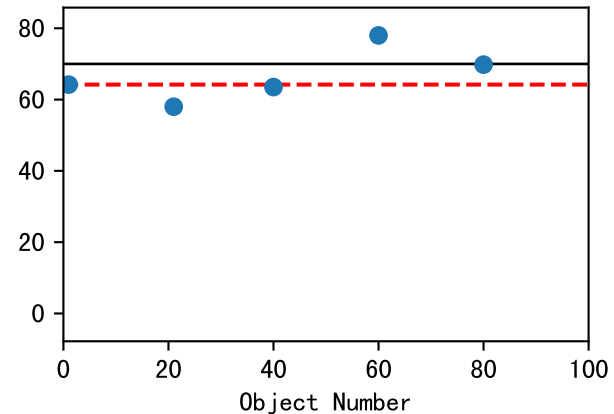
FrV_avgAbsY (Def=na Set=132.53)
avg1=132.53~26% avg2=na



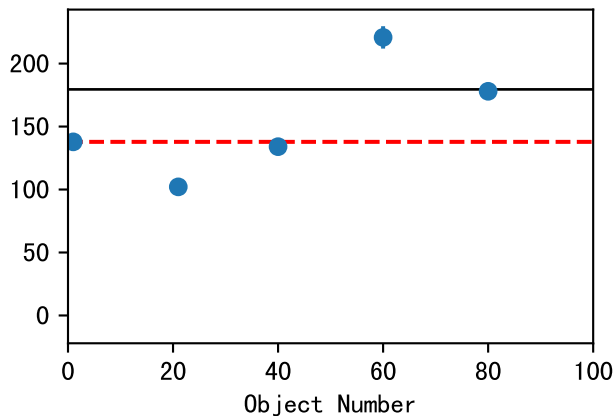
LfL_avgAbsY (Def=na Set=33.0)
avg1=33.0~35% avg2=na



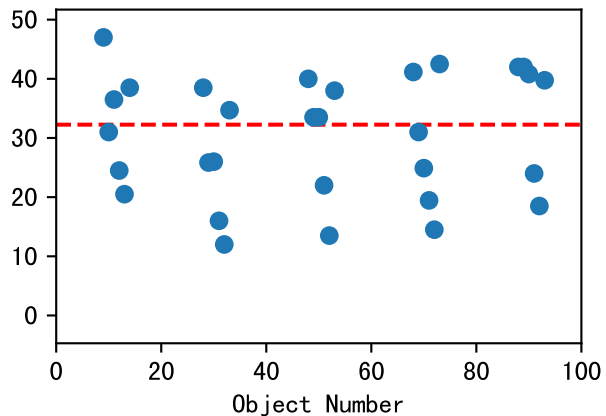
FRD_Q90AbsY (Def=70 Set=64.2)
avg1=64.2~12% avg2=na



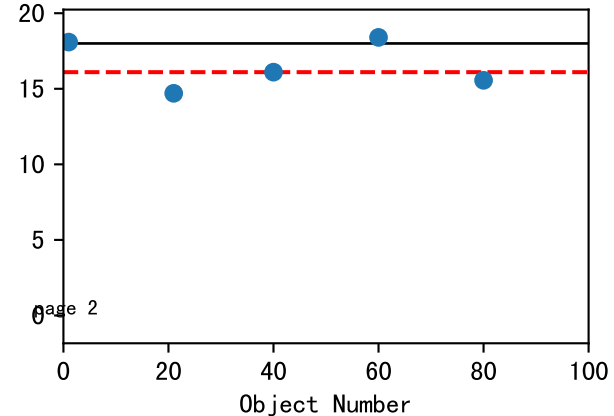
FrV_Q90AbsY (Def=179.5 Set=137.84)
avg1=137.84~33% avg2=na



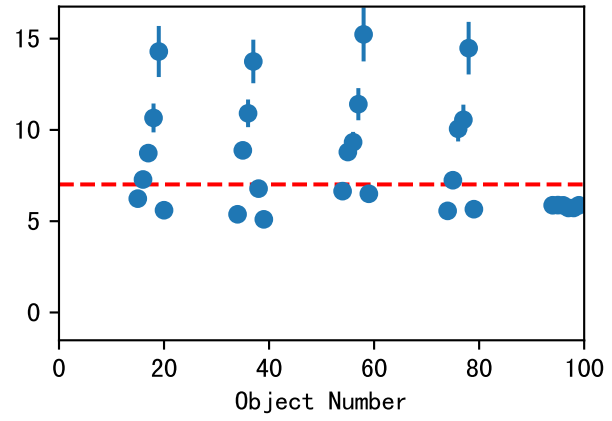
LfL_avgAbsY (Def=na Set=32.25)
avg1=32.25~32% avg2=na



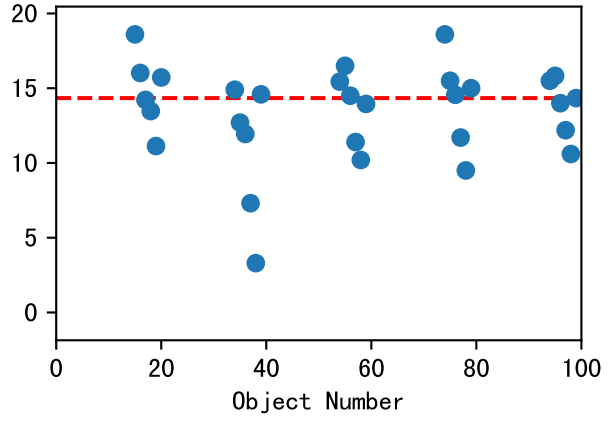
NdD_Q90AbsY (Def=18 Set=16.1)
avg1=16.1~10% avg2=na



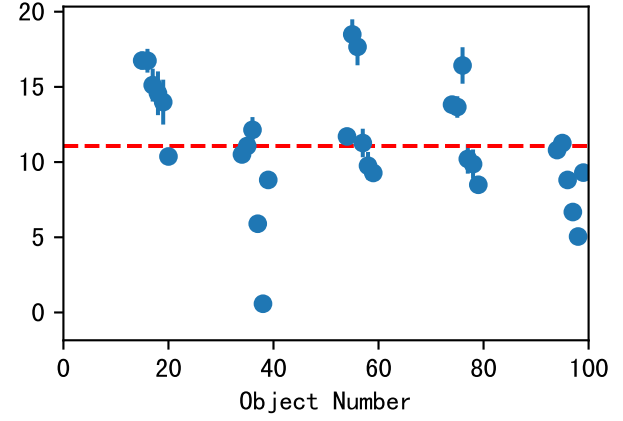
NdL_avgAbsY (Def=na Set=7.01)
avg1=7.01~44% avg2=na



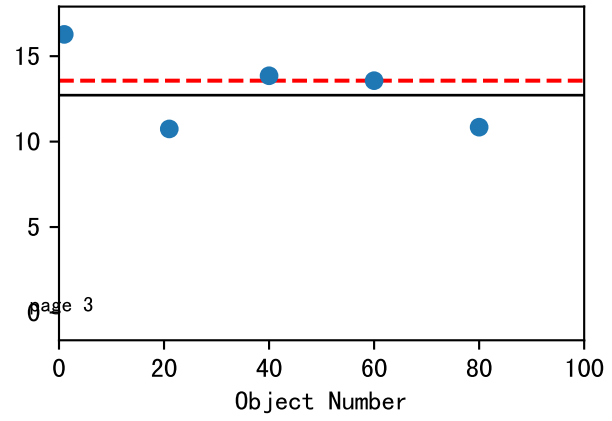
NdD_avgAbsY (Def=na Set=14.34)
avg1=14.34~18% avg2=na



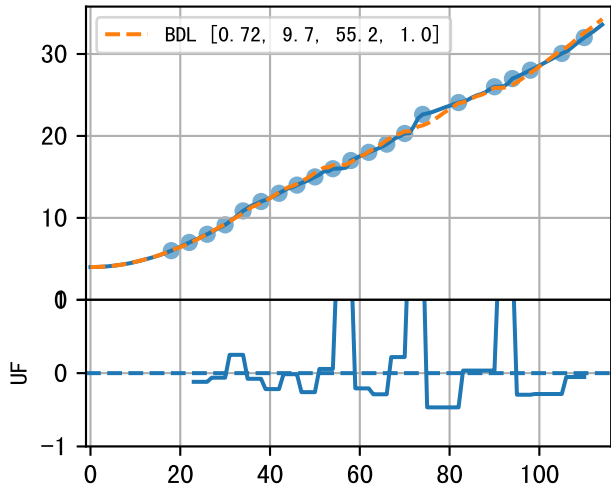
Ndv_avgAbsY (Def=na Set=11.07)
avg1=11.07~32% avg2=na



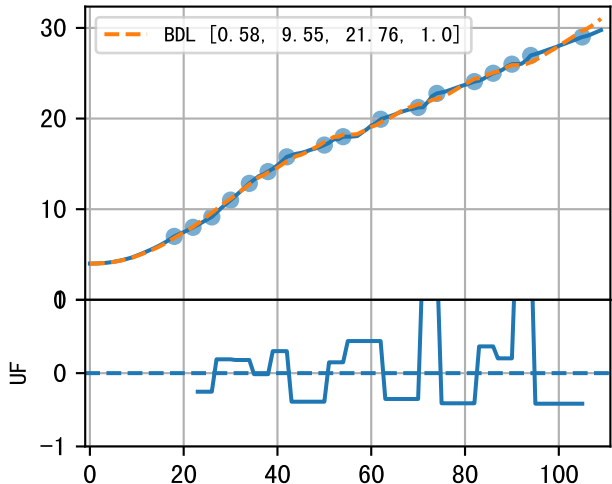
NdV_Q90AbsY (Def=12.72 Set=13.57)
avg1=13.57~17% avg2=na



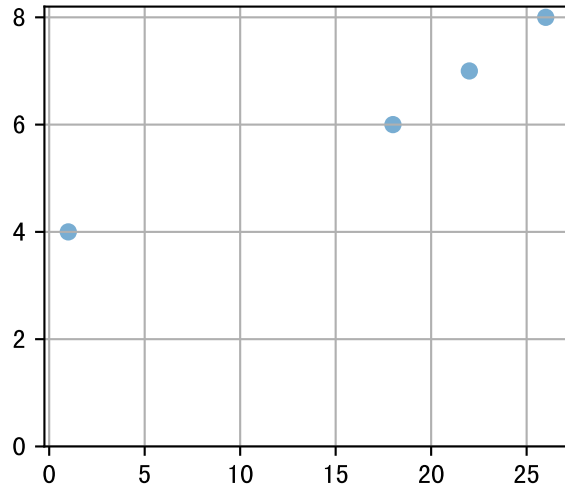
P10AE-081-12 (fit failed)



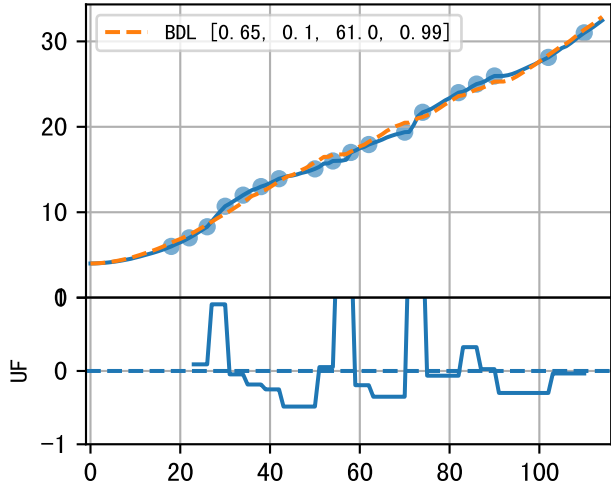
P10AE-087-27 (fit failed)



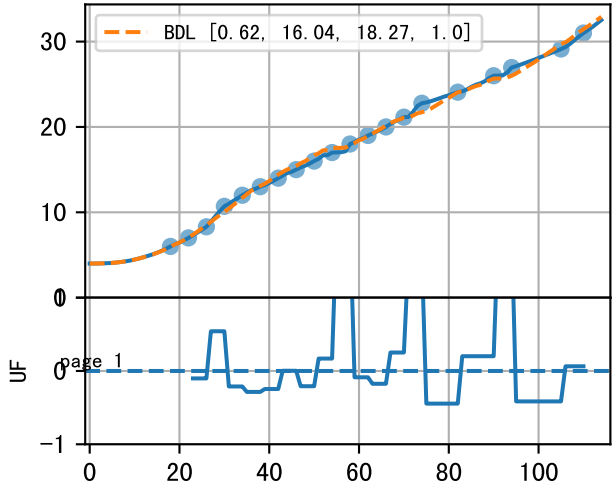
P10AE-095-20 (fit failed)



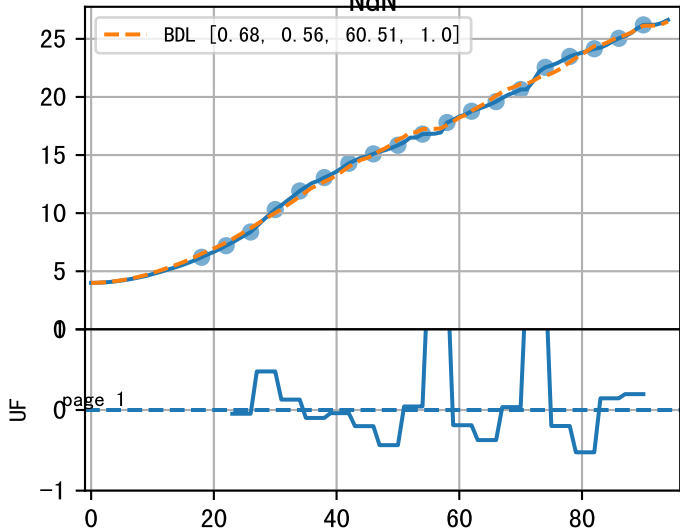
P10AE-103-32 (fit failed)



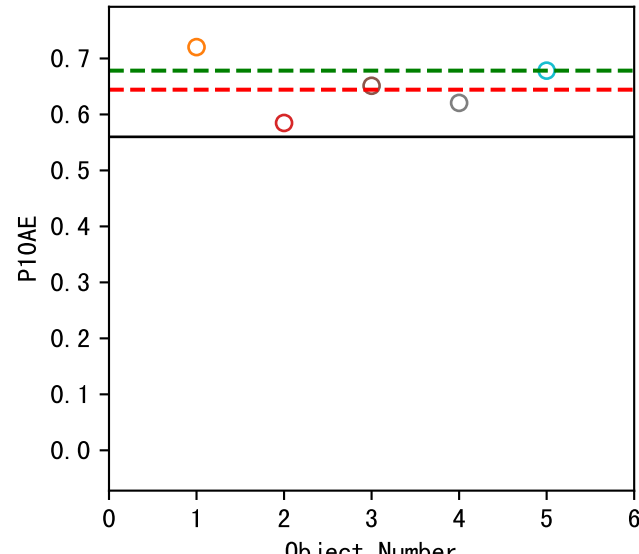
P10AE-114-7 (fit failed)



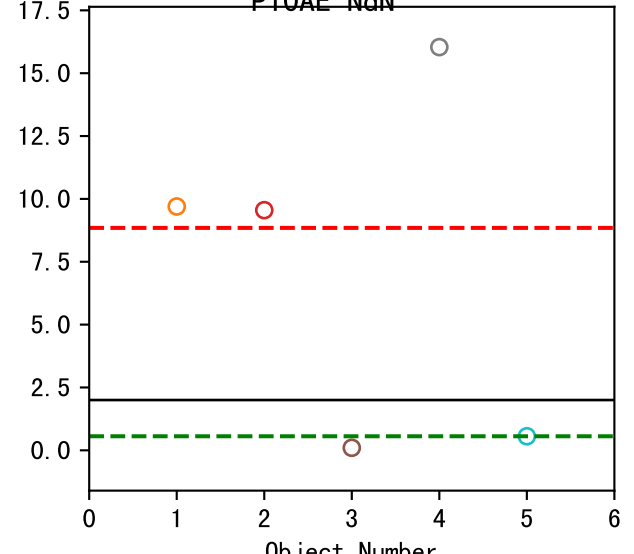
PIOAEavg (left-tailed)



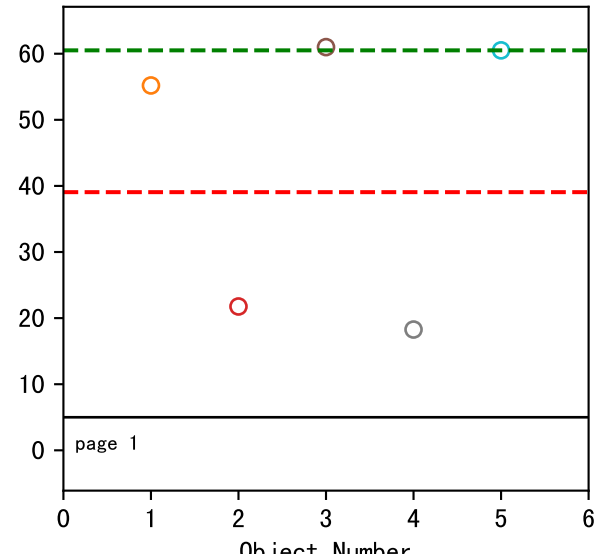
avg1=0.64 (fail) avg2=0.68

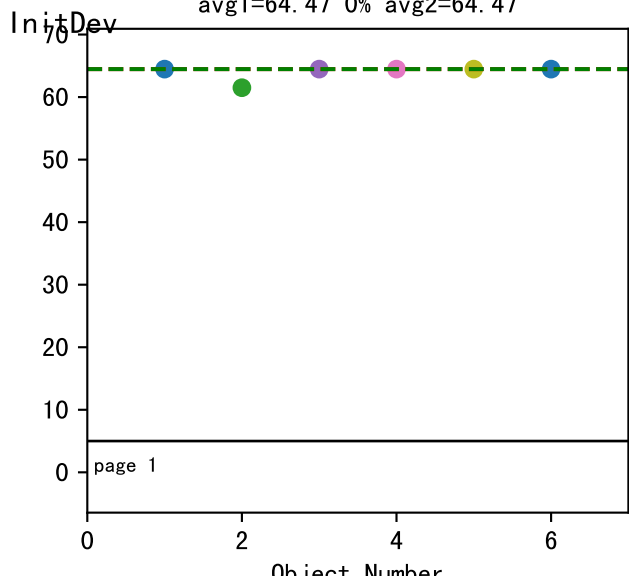
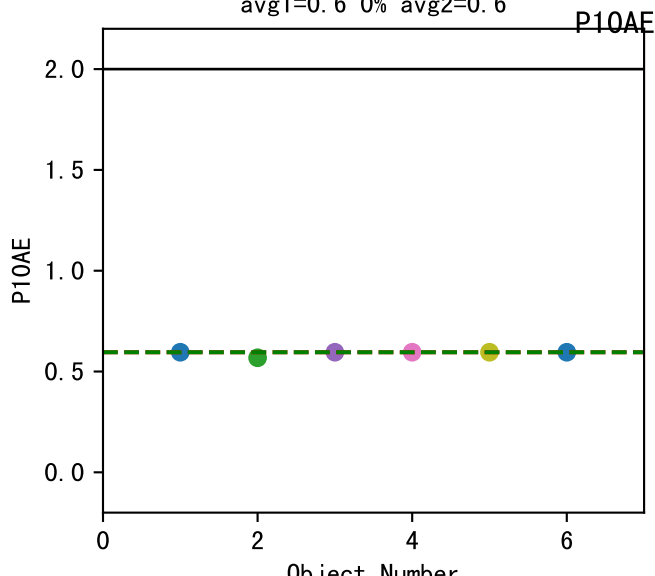


avg1=8.85 (fail) avg2=0.56

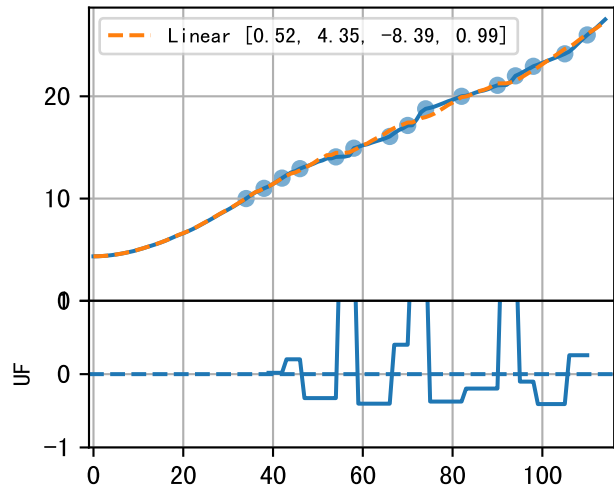


avg1=39.06 (fail) avg2=60.51

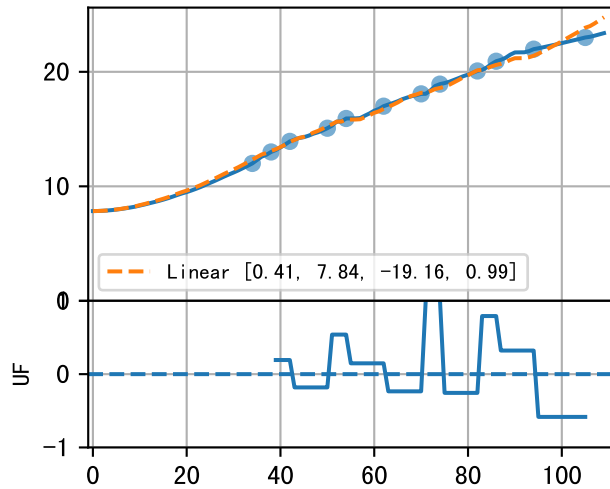




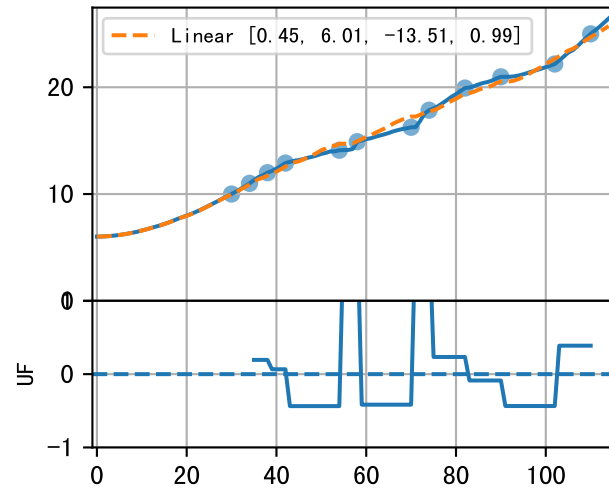
P10AE-081-12



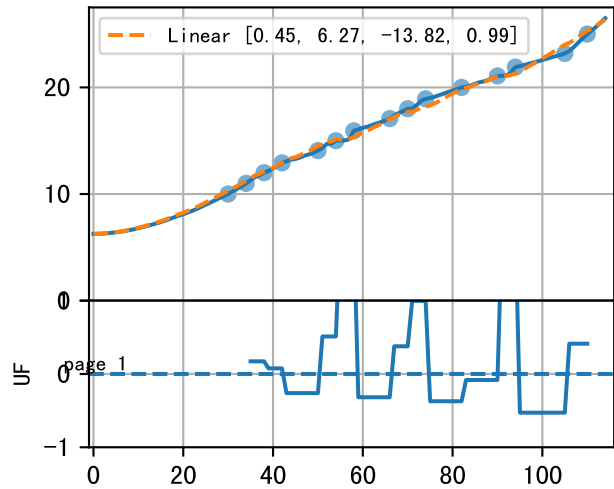
P10AE-087-27



P10AE-103-32

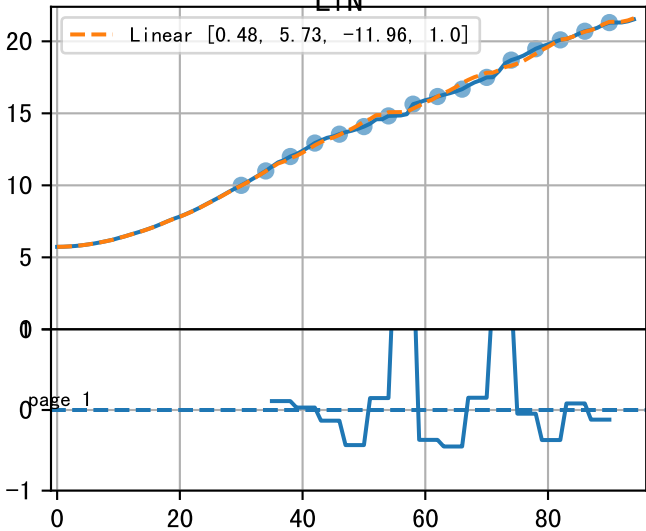


P10AE-114-7

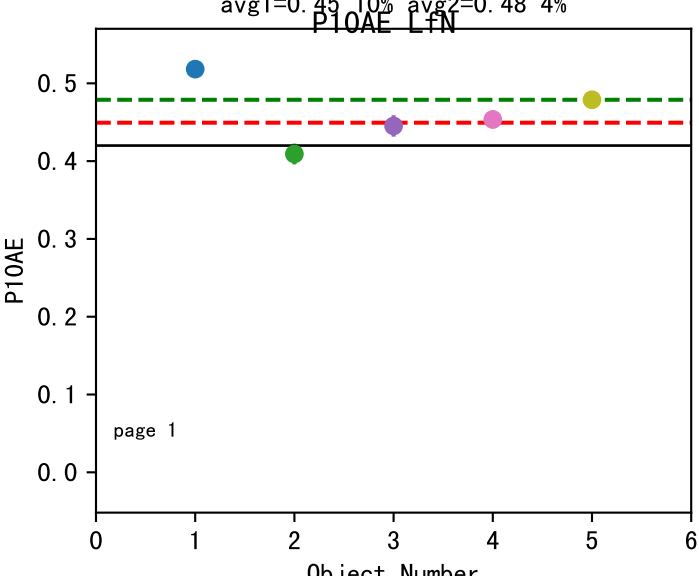


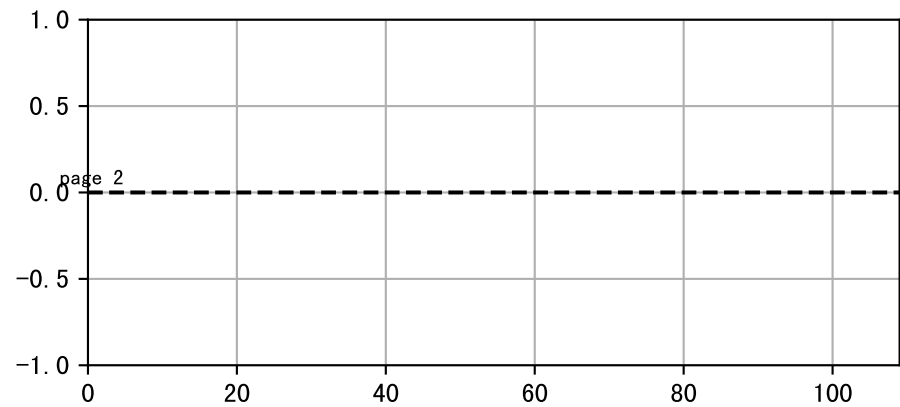
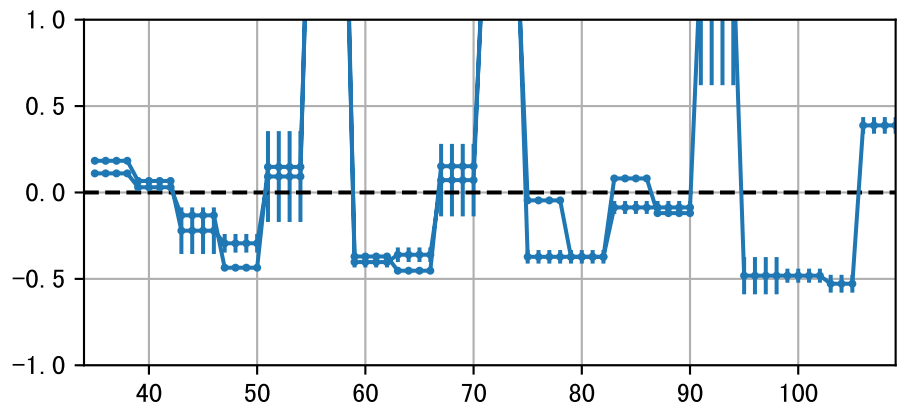
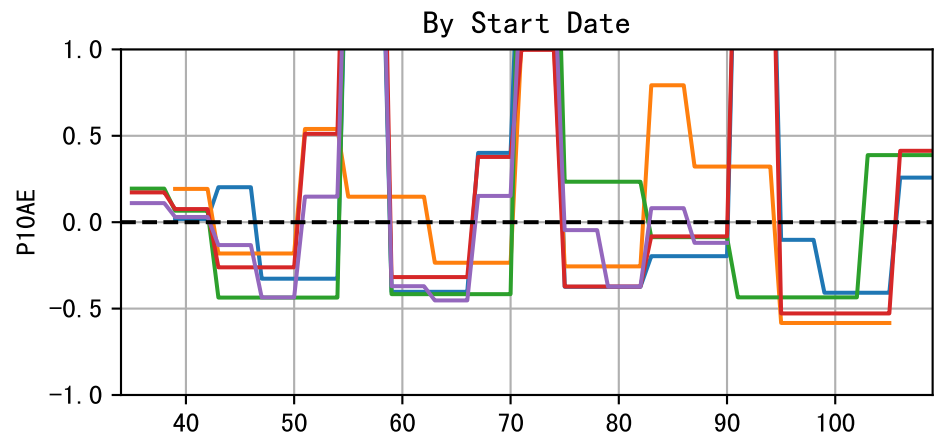
PTUARavg
Lfn

Linear [0.48, 5.73, -11.96, 1.0]

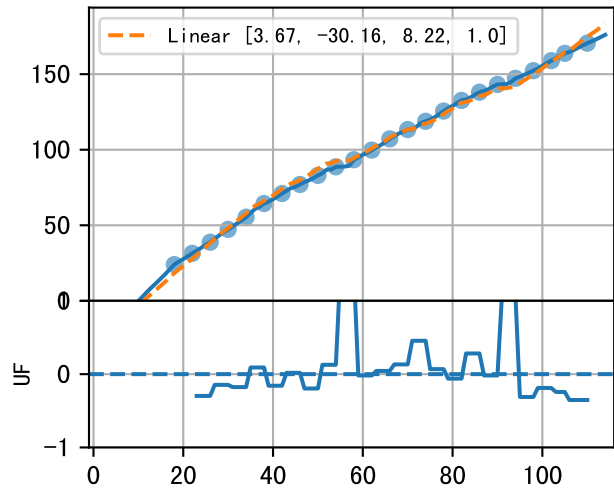


UF
page 1

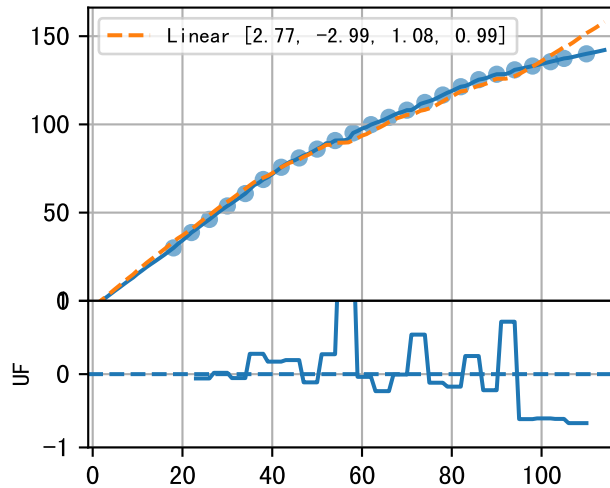




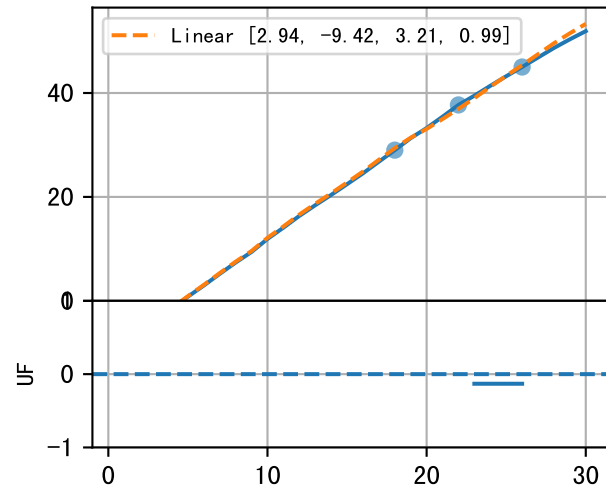
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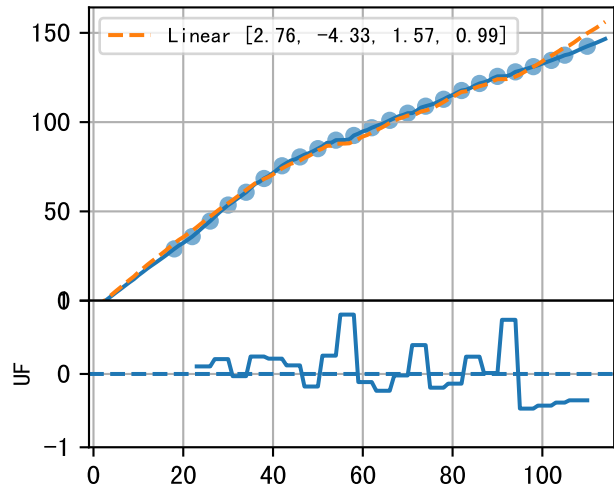
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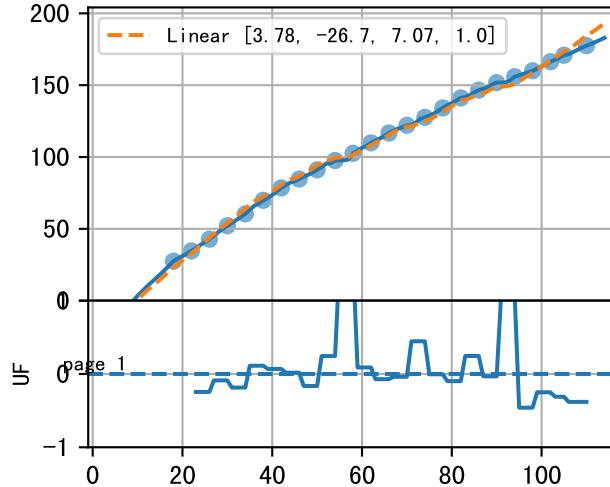
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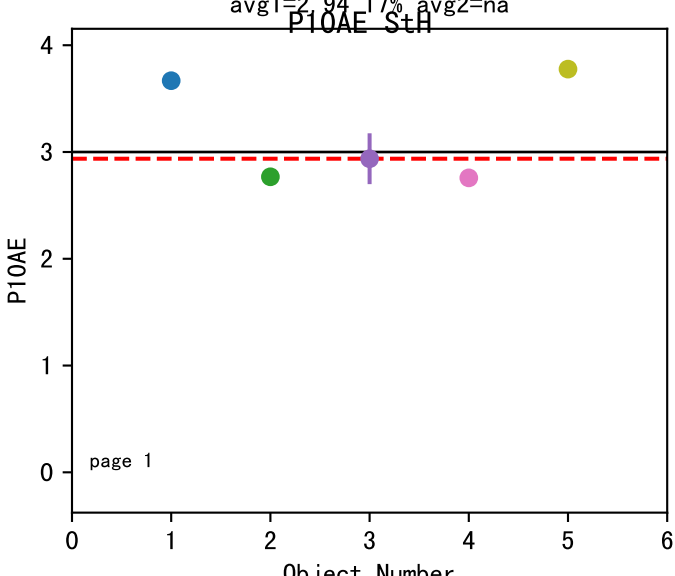


P10AE-103-32

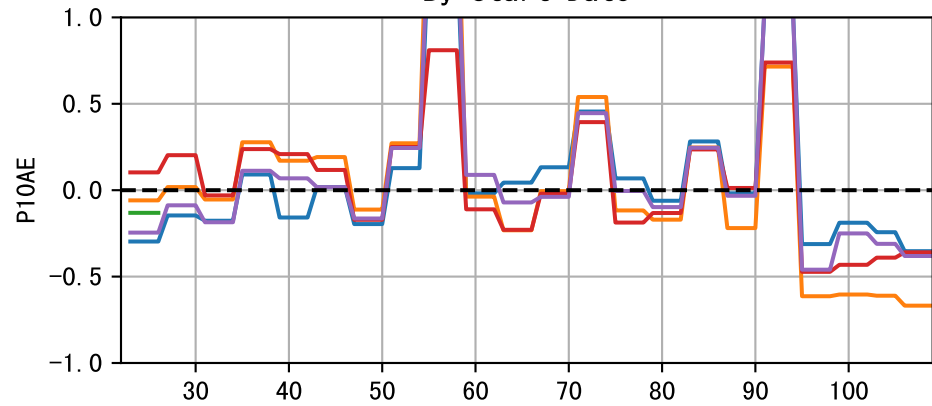


P10AE-114-7

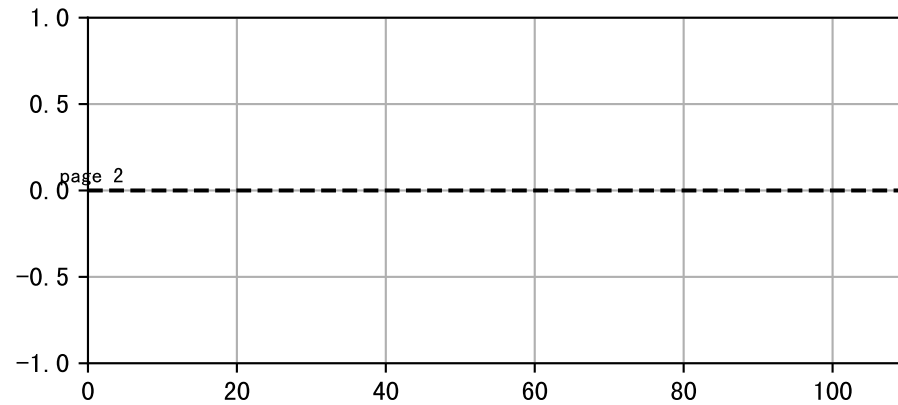
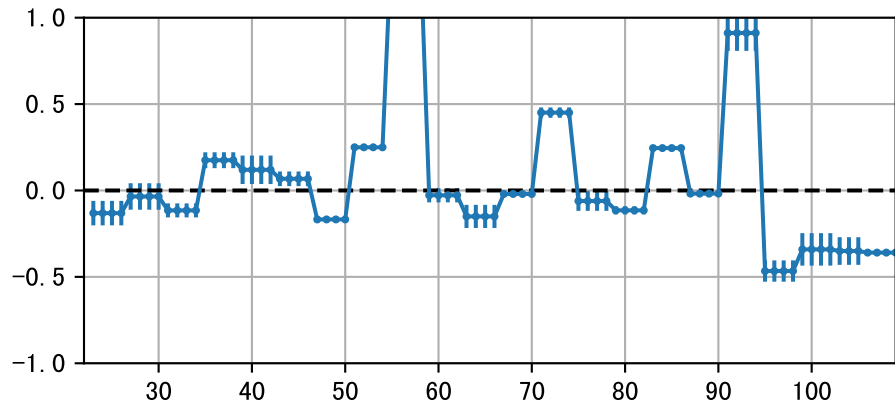
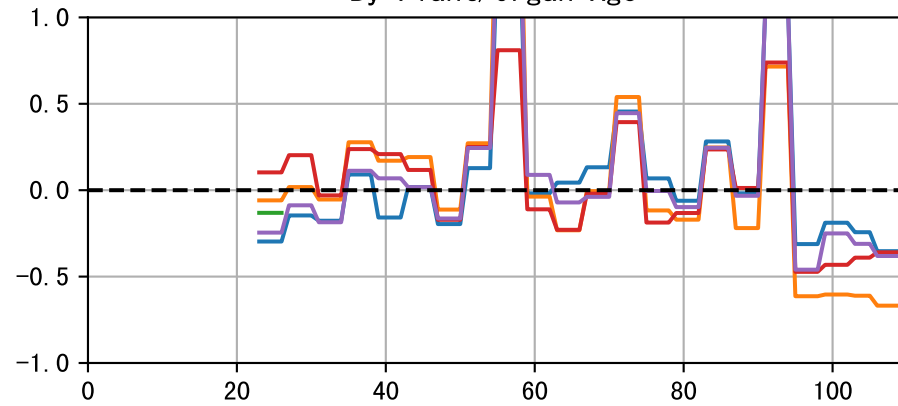




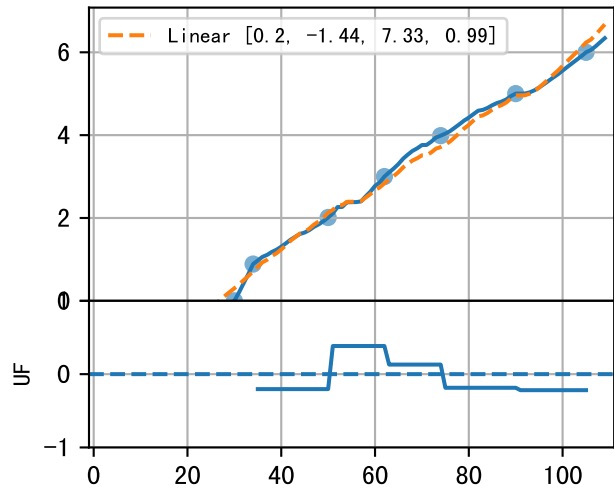
By Start Date



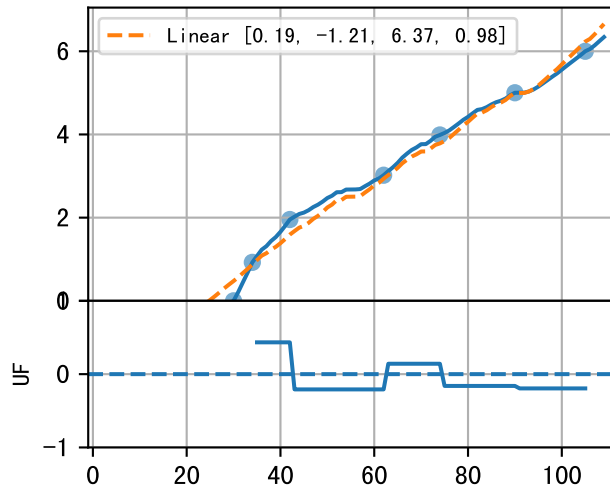
By Plant/Organ Age



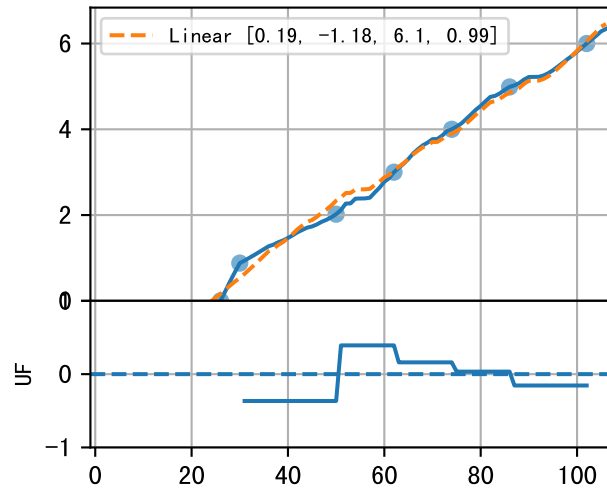
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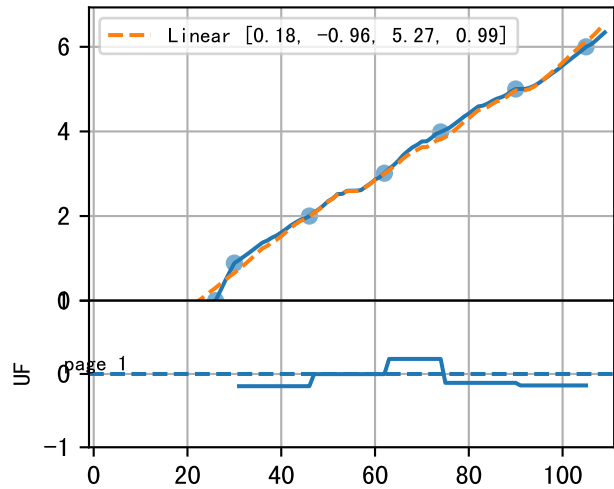
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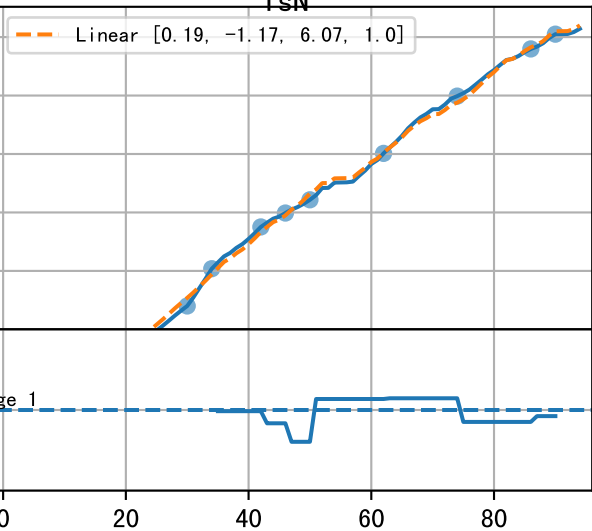
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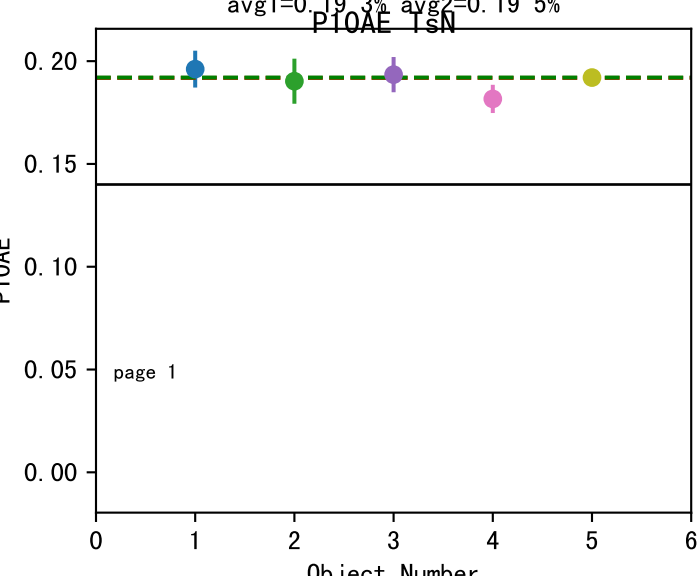
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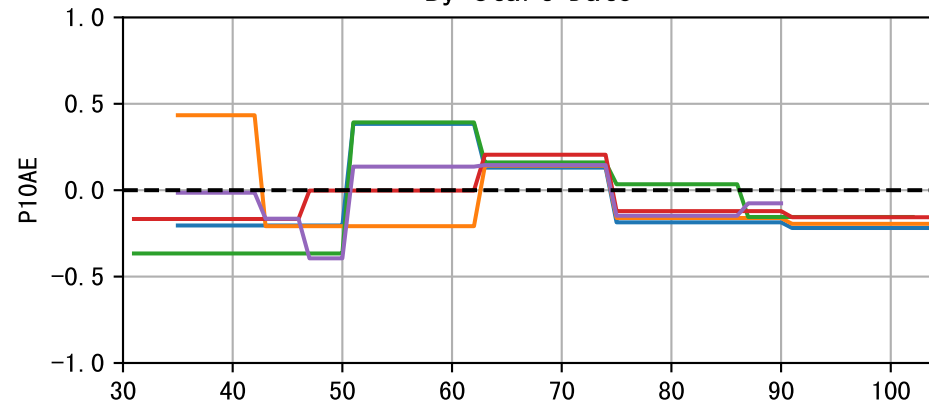
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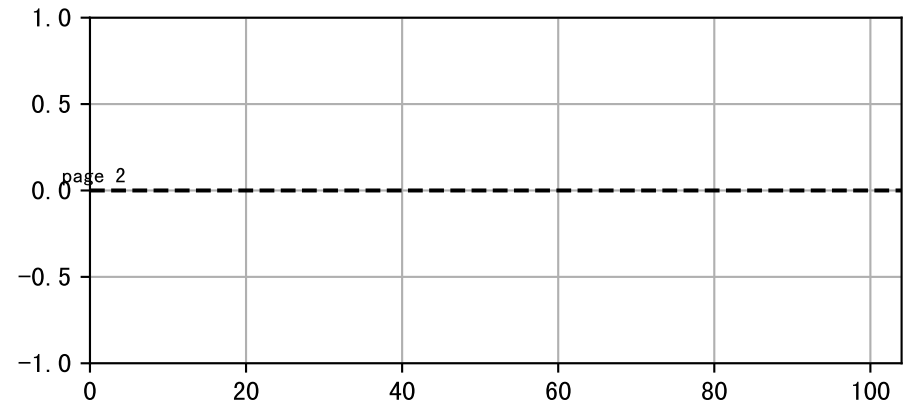
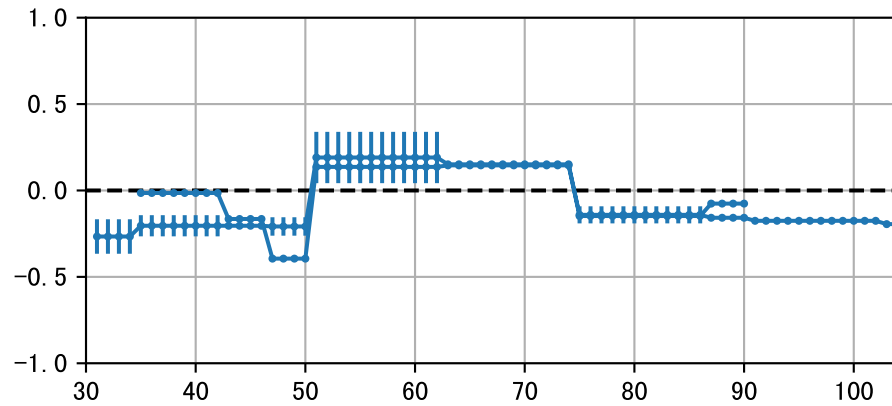
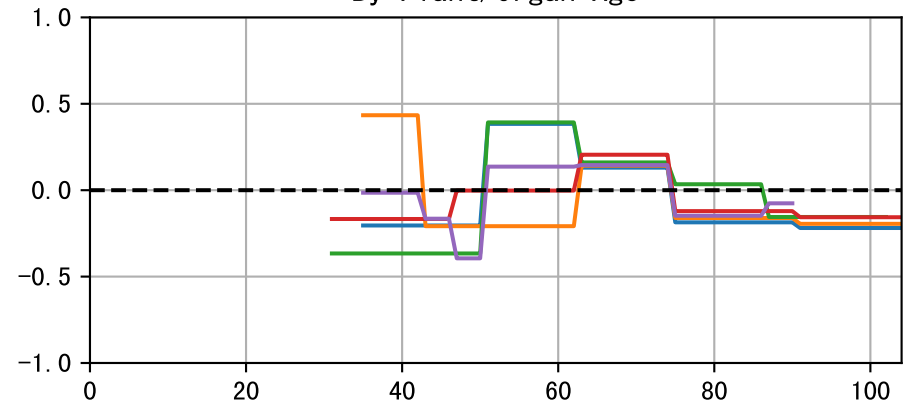
UF page 1



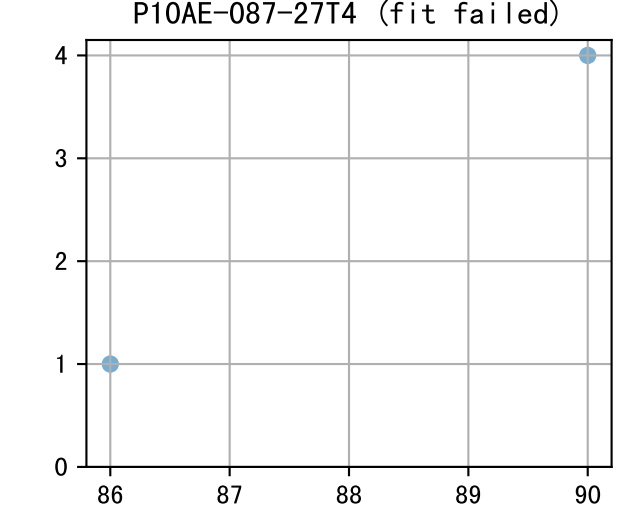
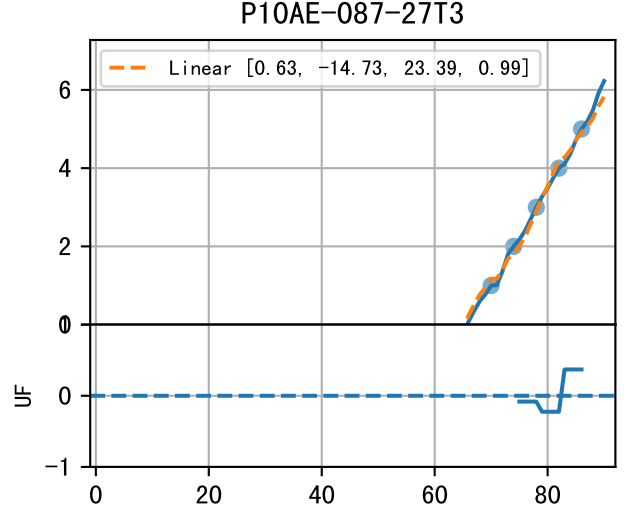
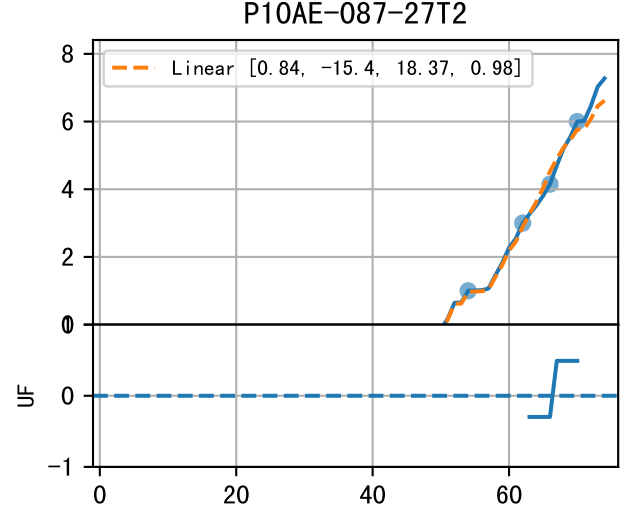
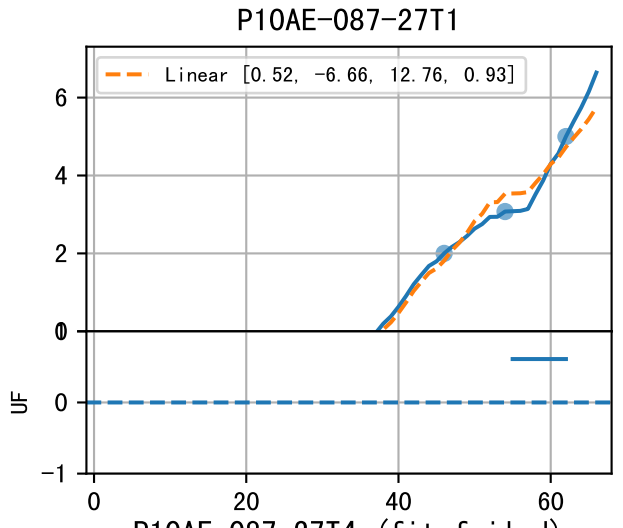
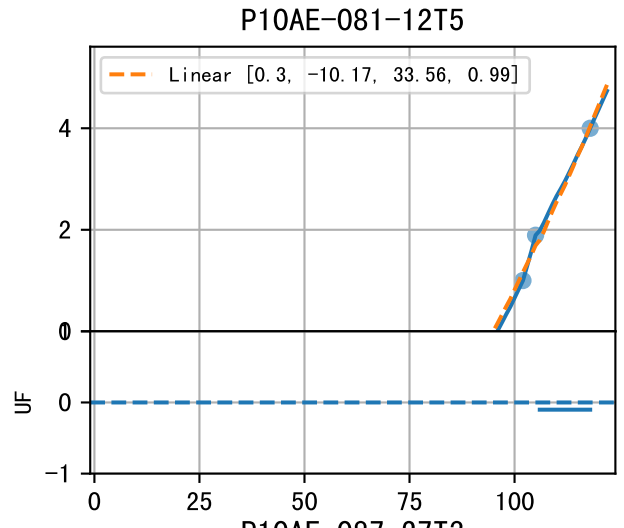
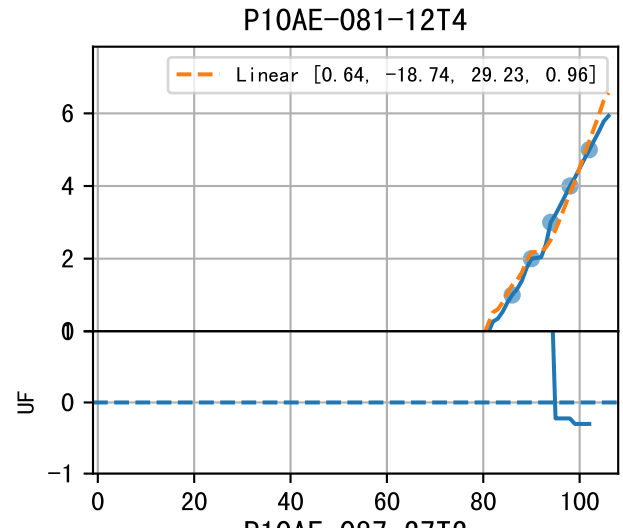
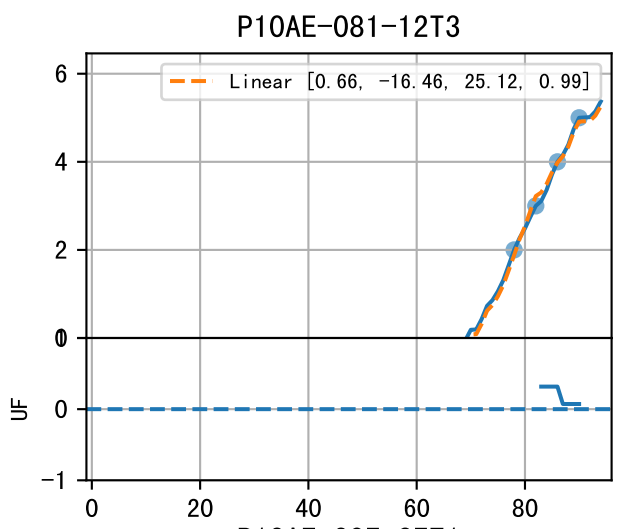
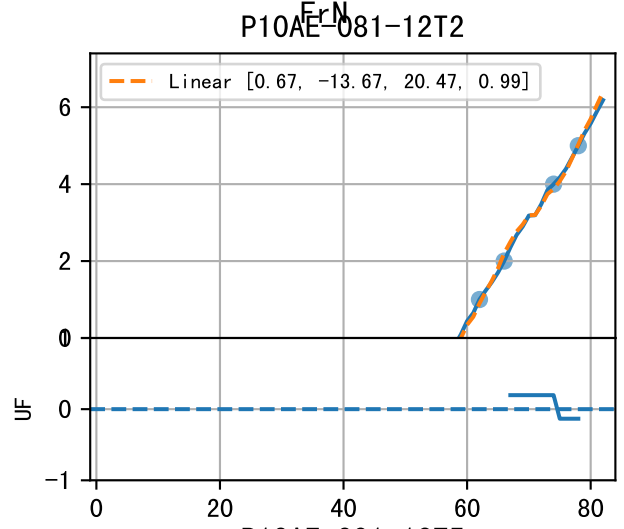
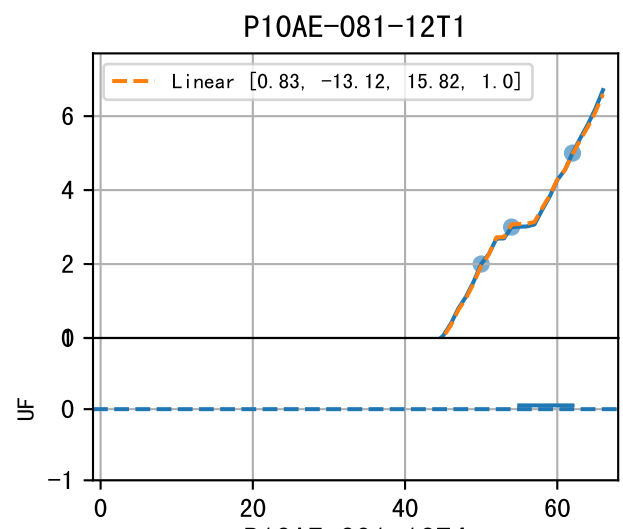
By Start Date



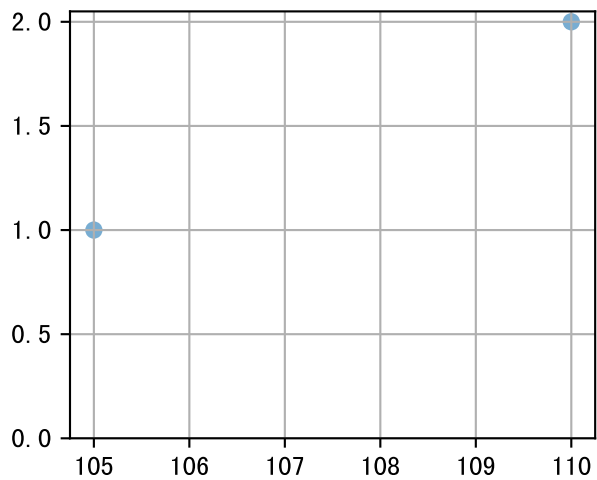
By Plant/Organ Age



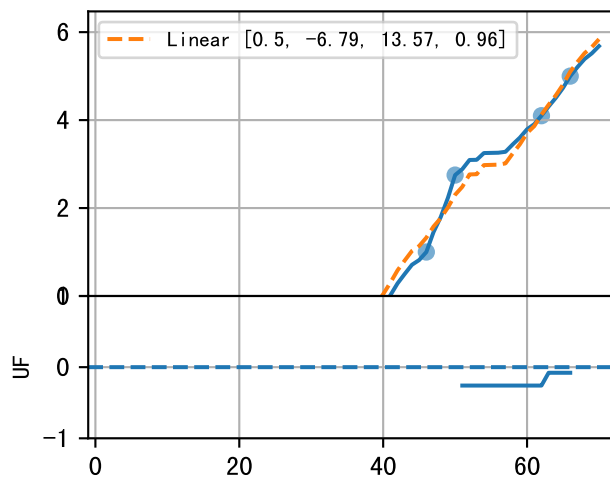
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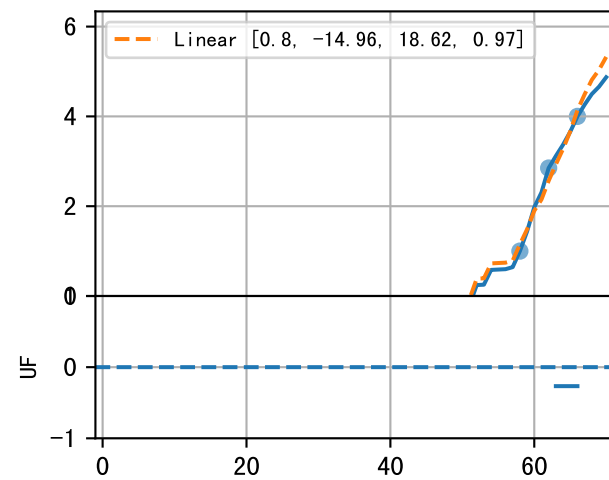
P10AE-087-27T5 (fit failed)



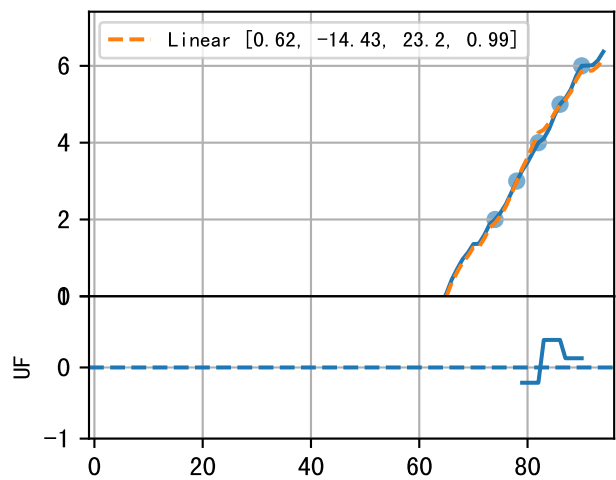
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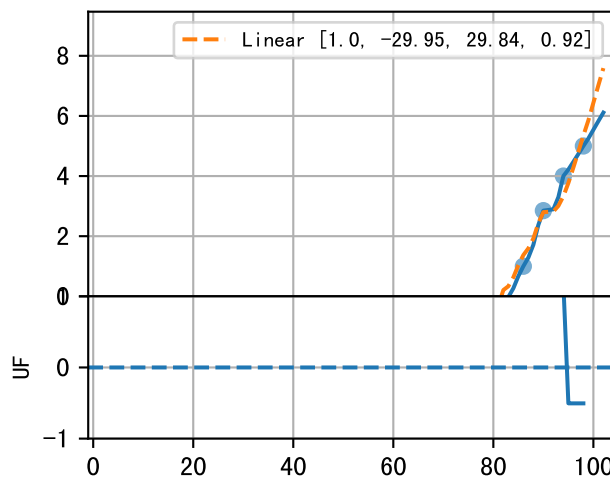
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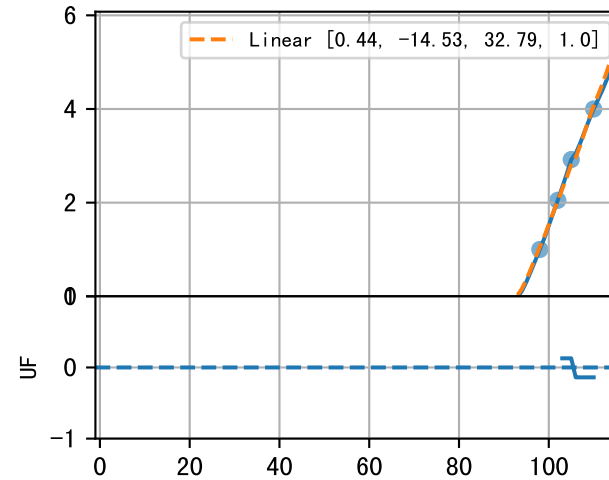
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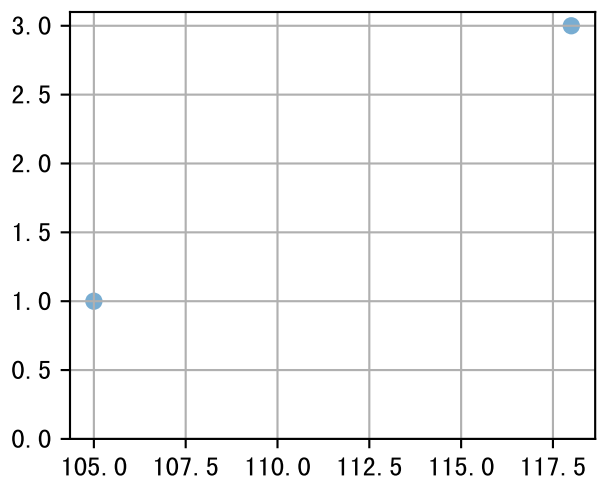
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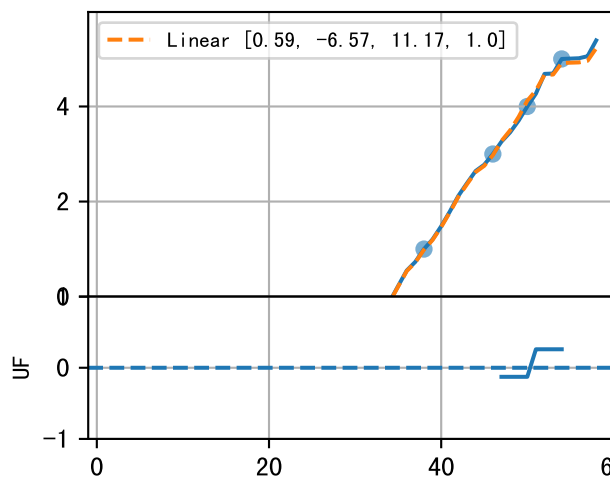
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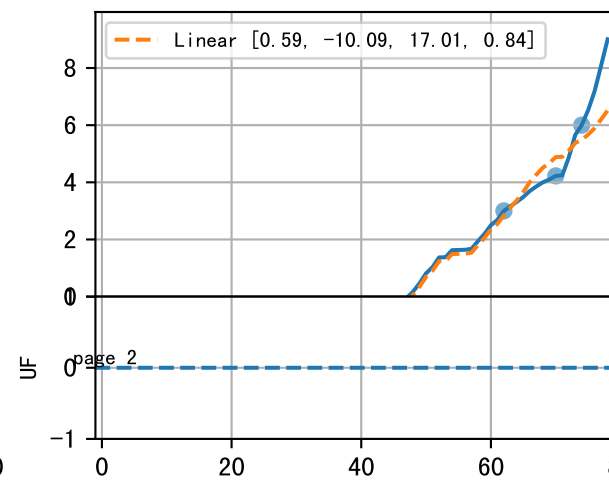
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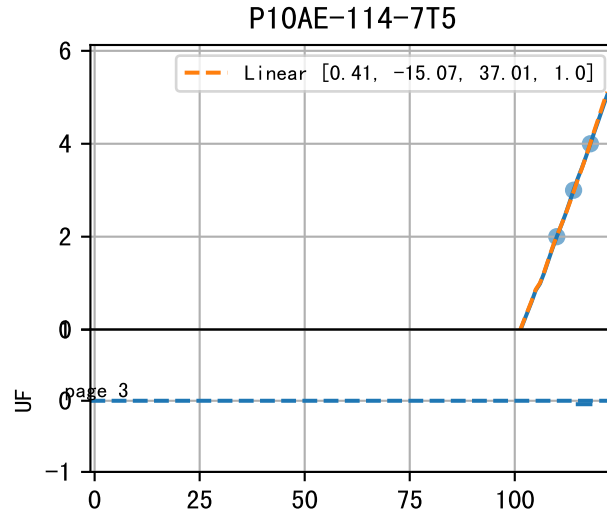
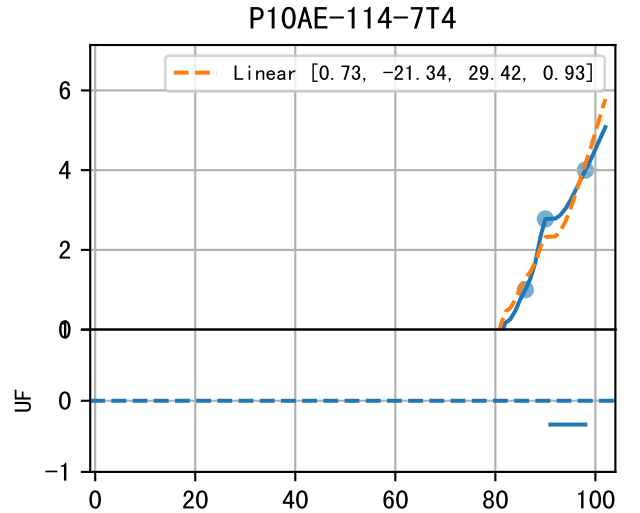
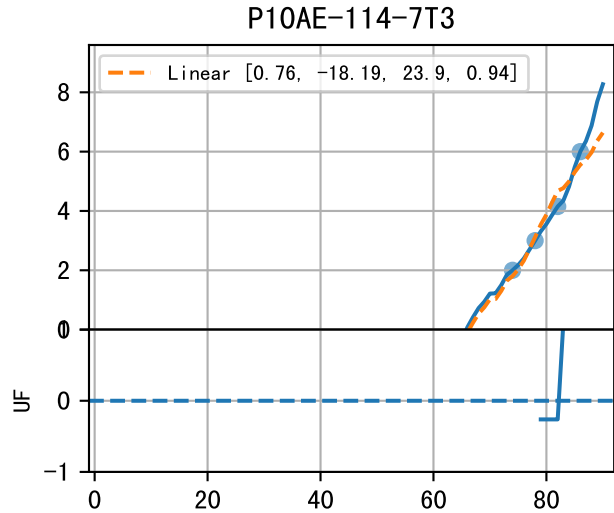
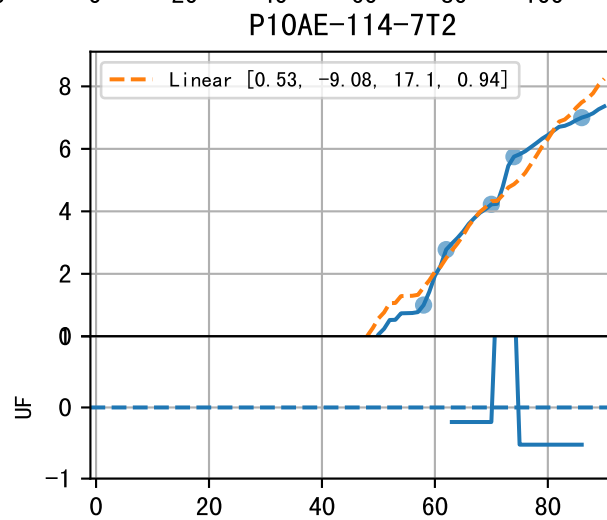
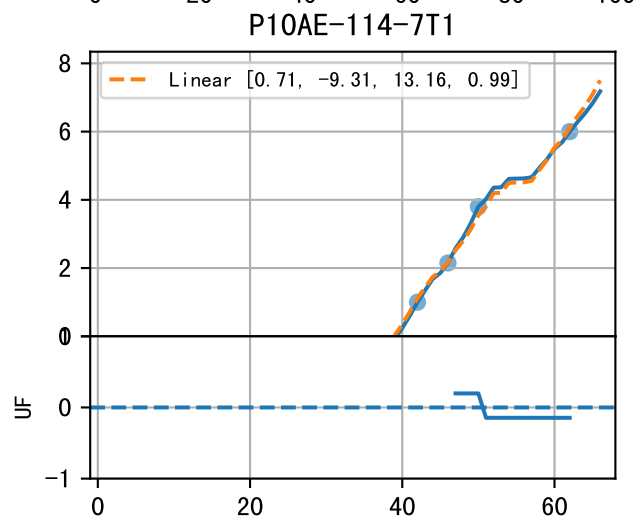
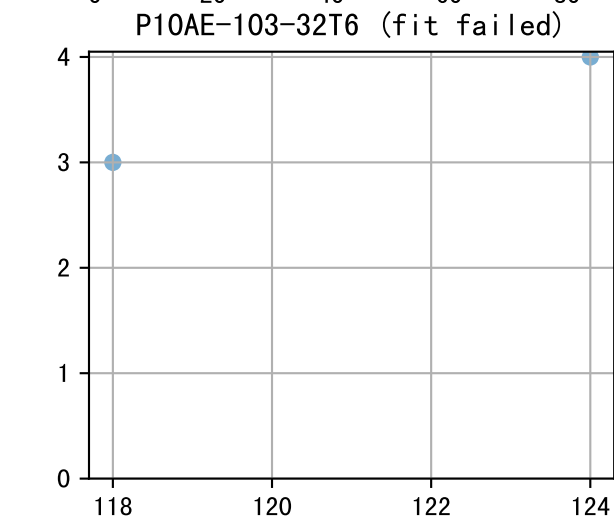
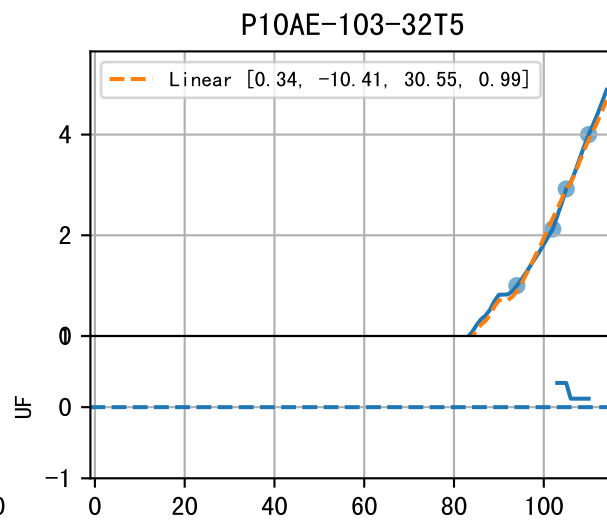
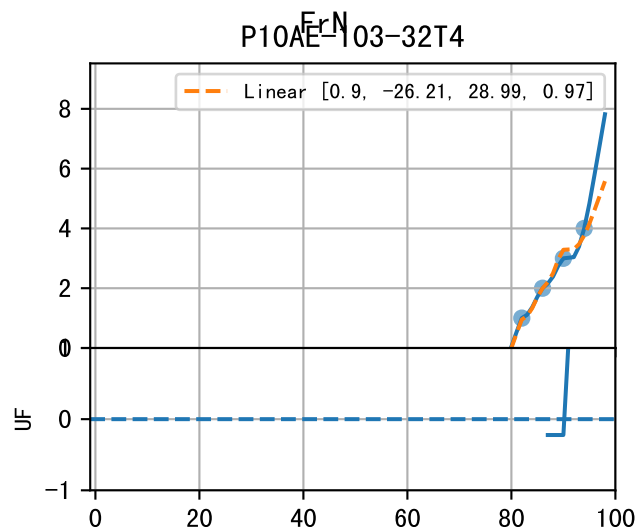
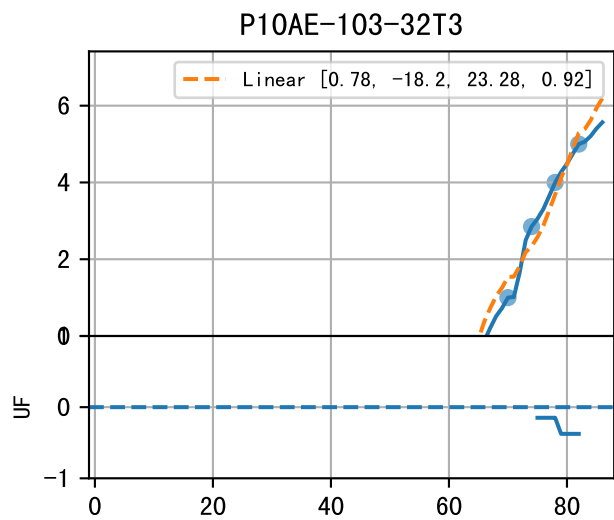


P10AE-103-32T1



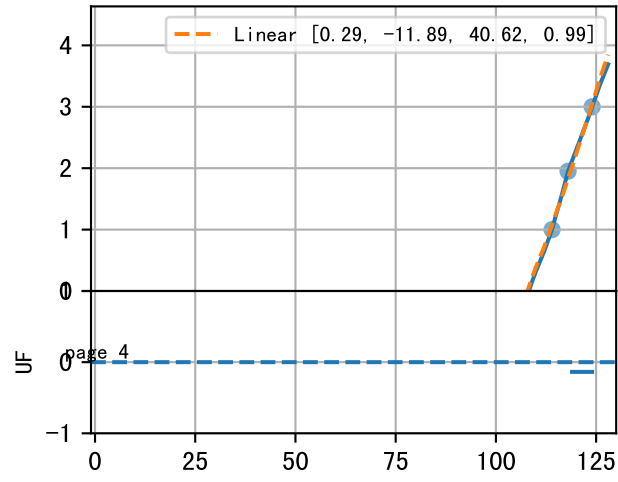
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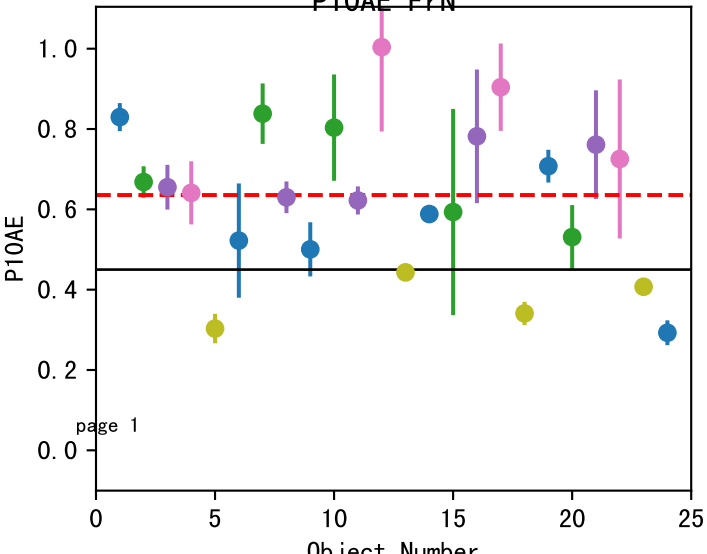


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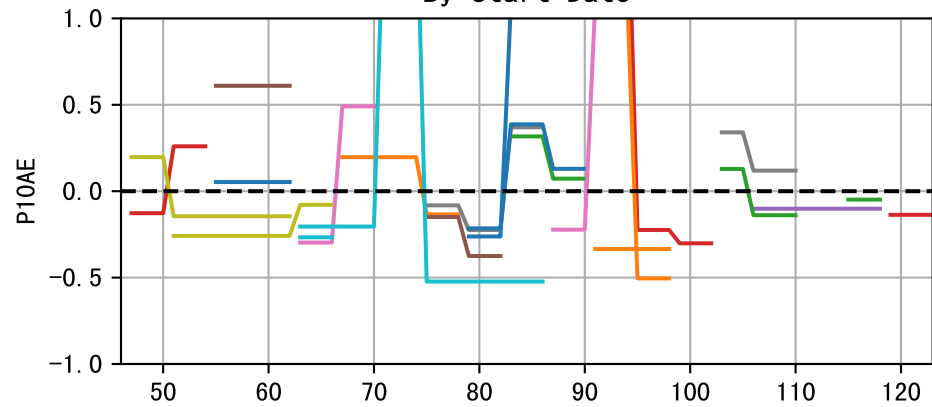
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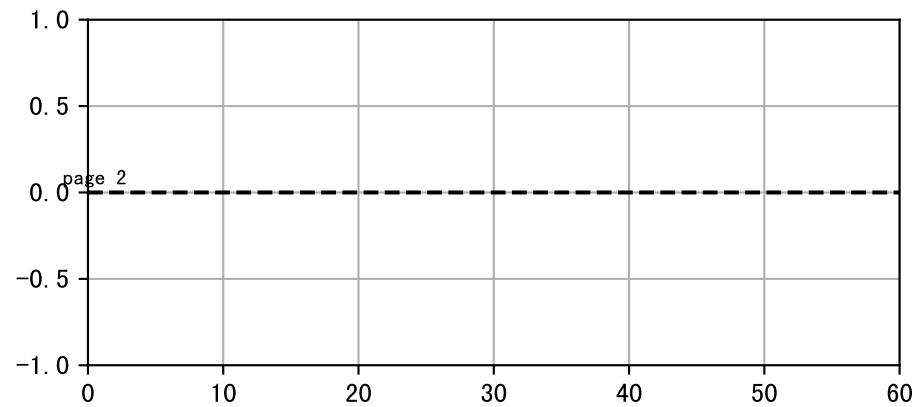
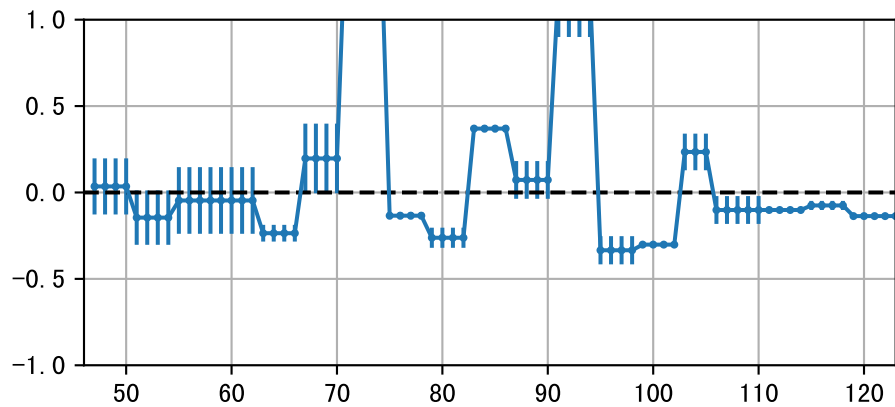
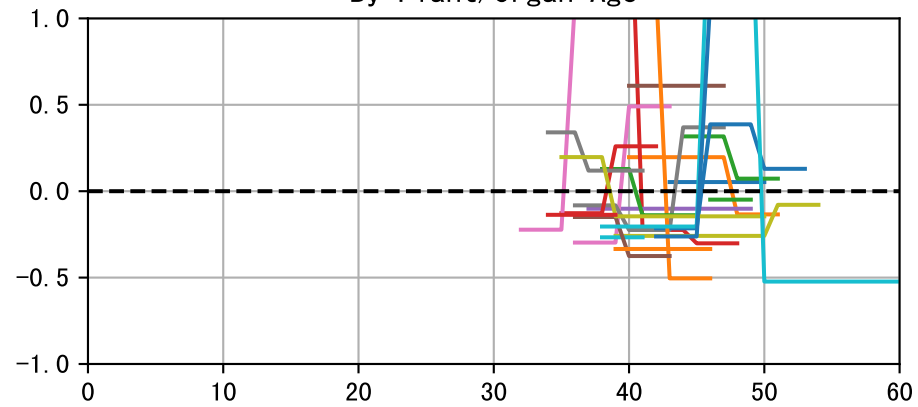
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P10AE FrN

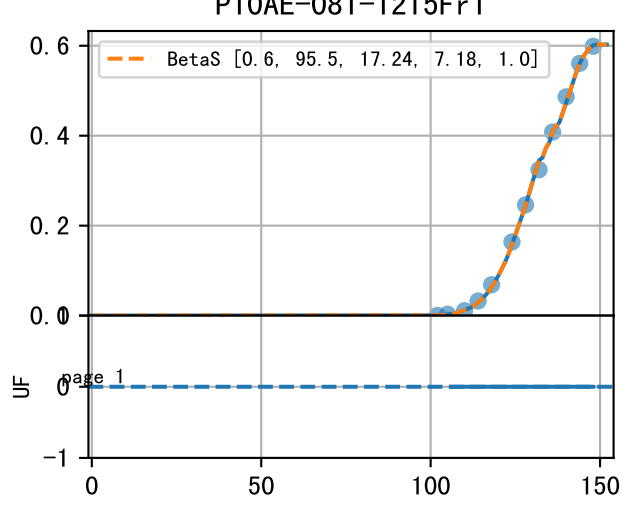
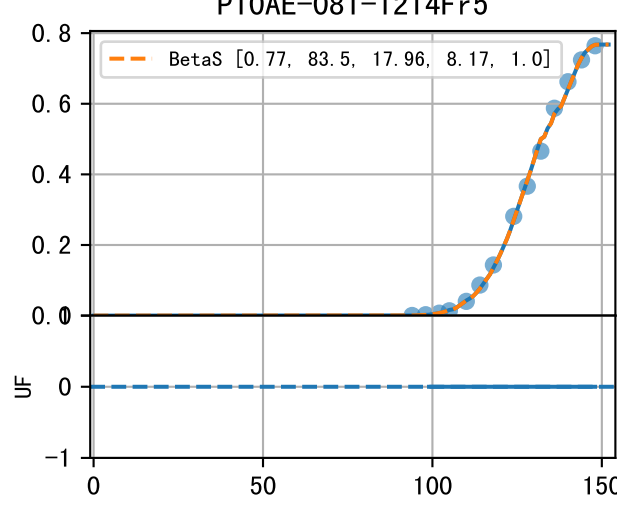
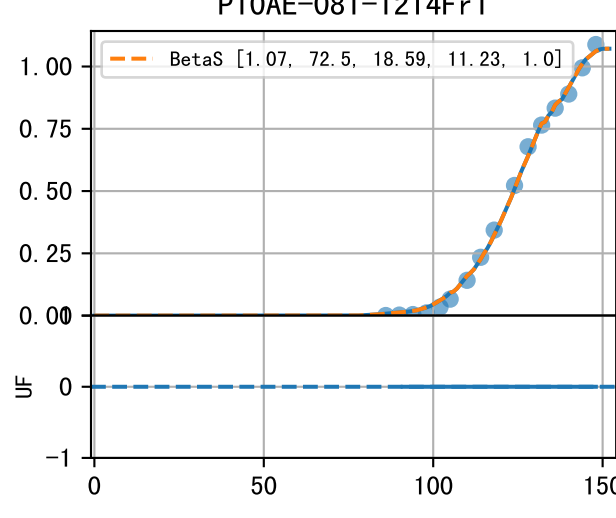
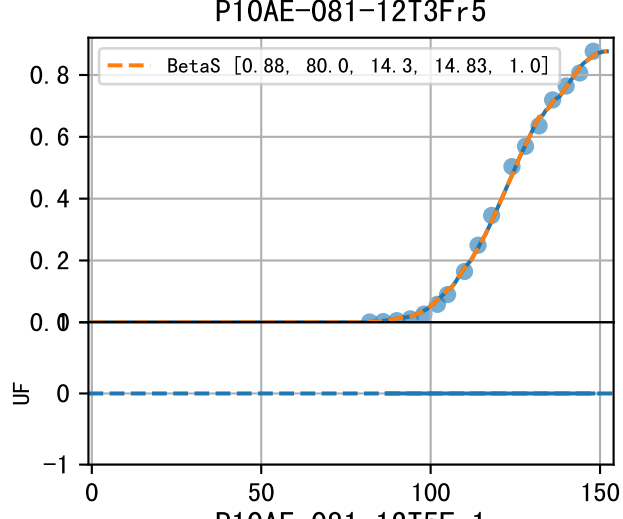
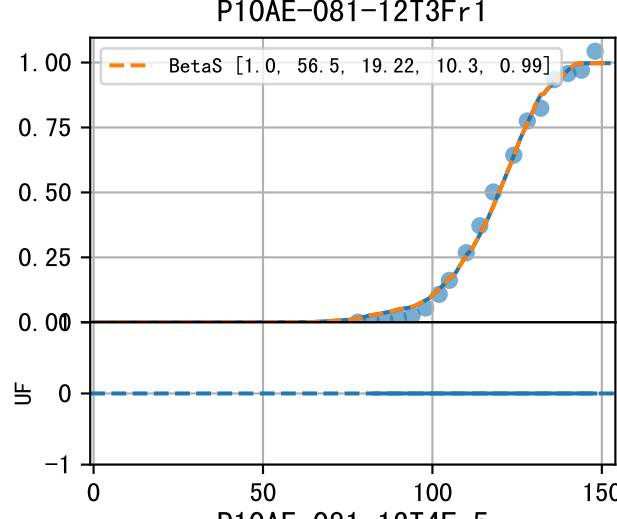
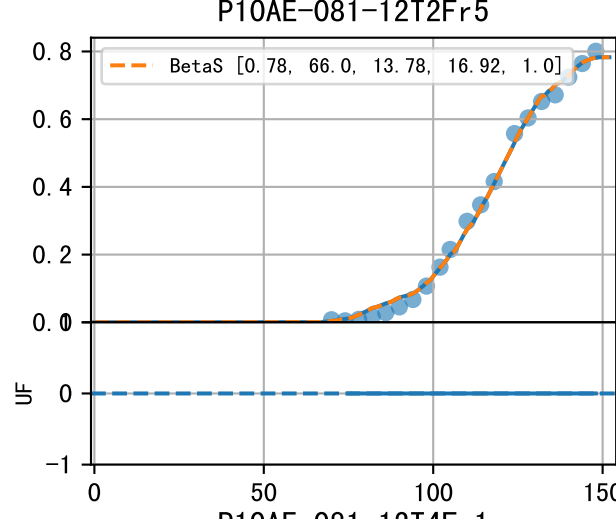
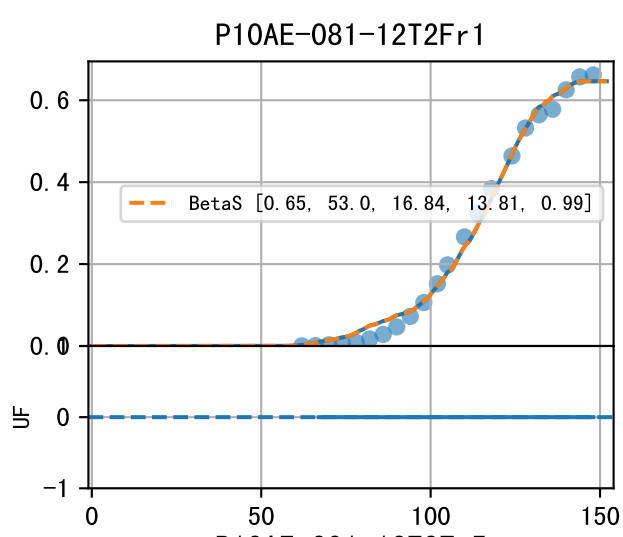
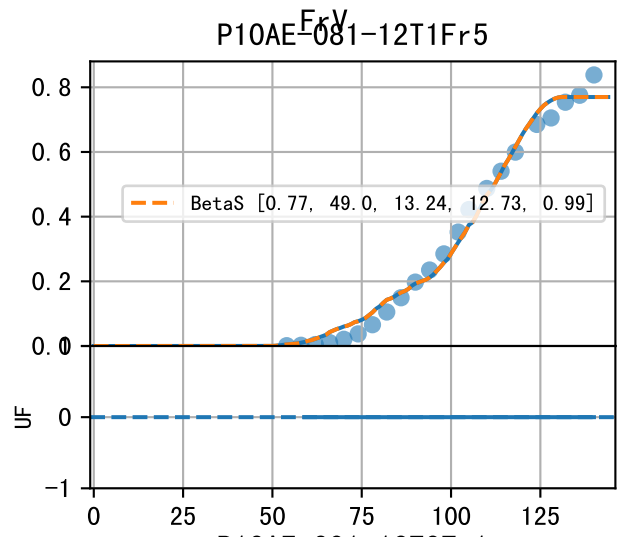
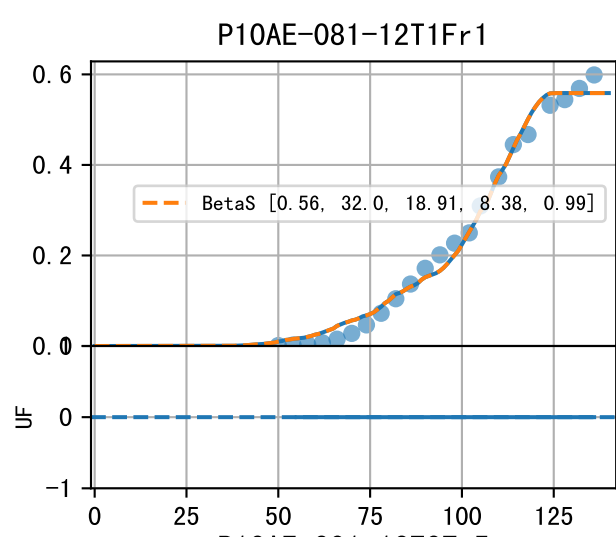


By Start Date

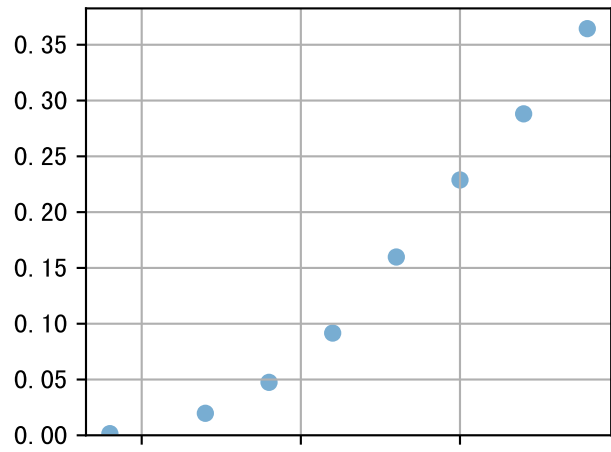


By Plant/Organ Age

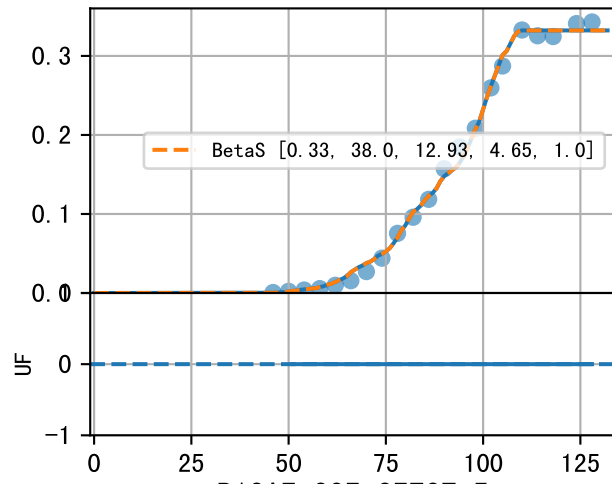




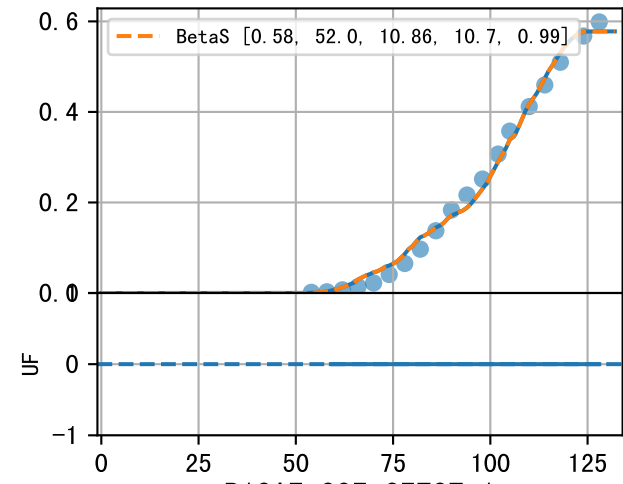
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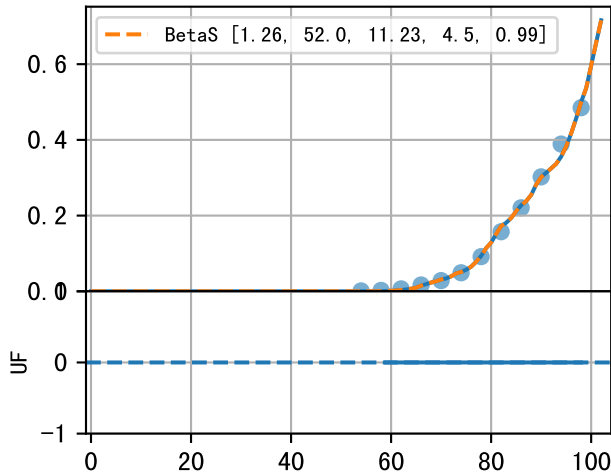
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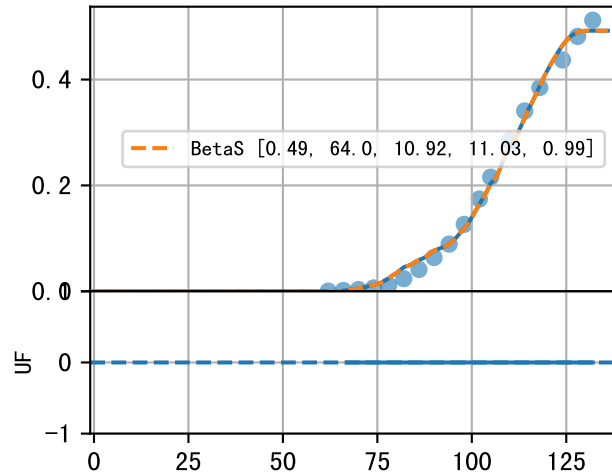
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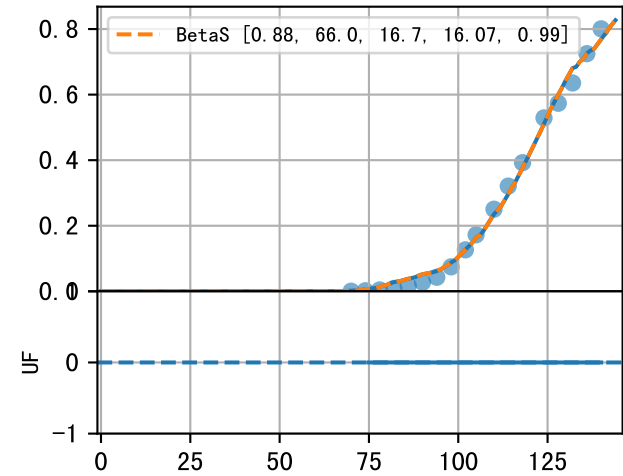
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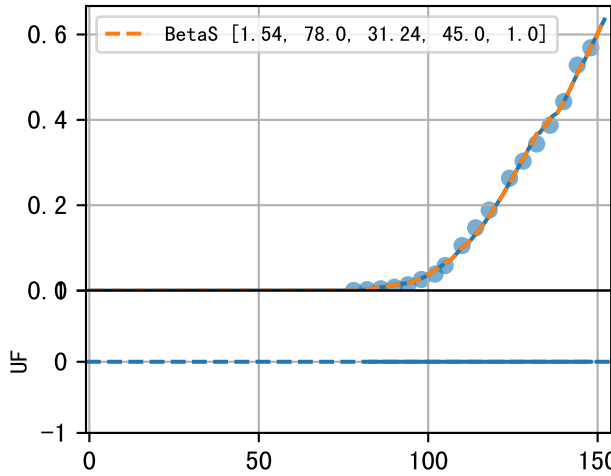
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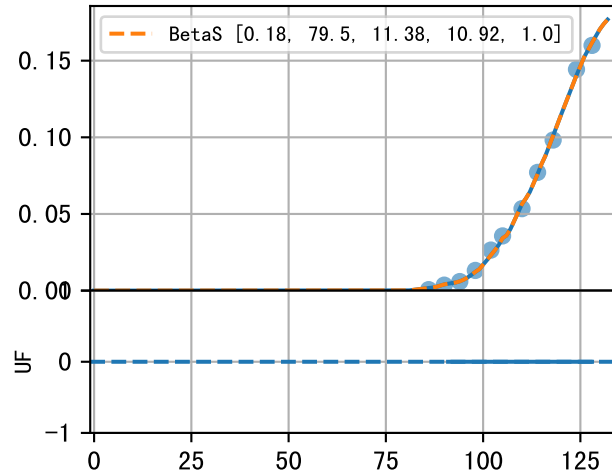
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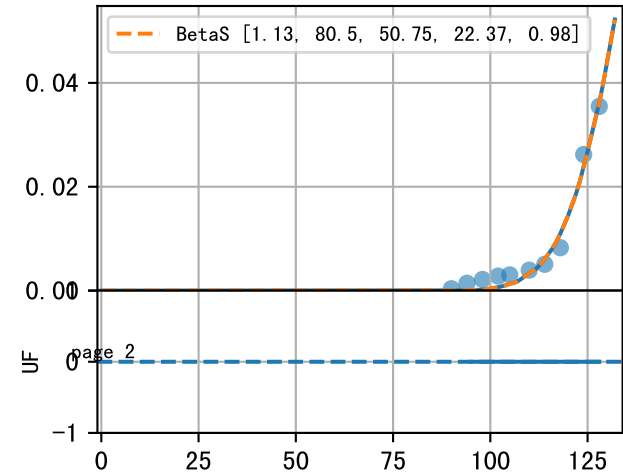
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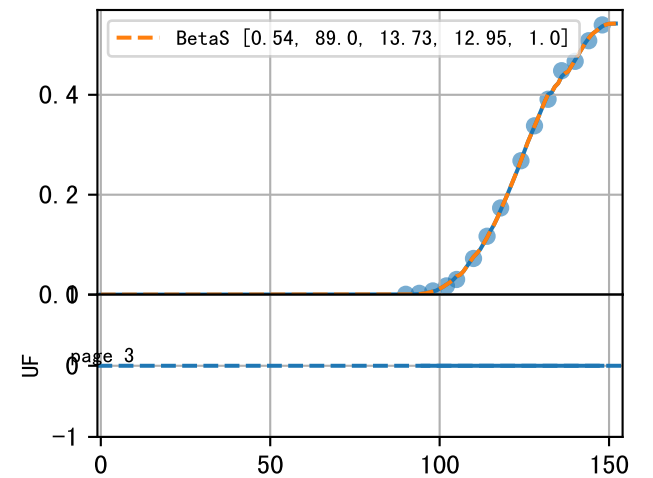
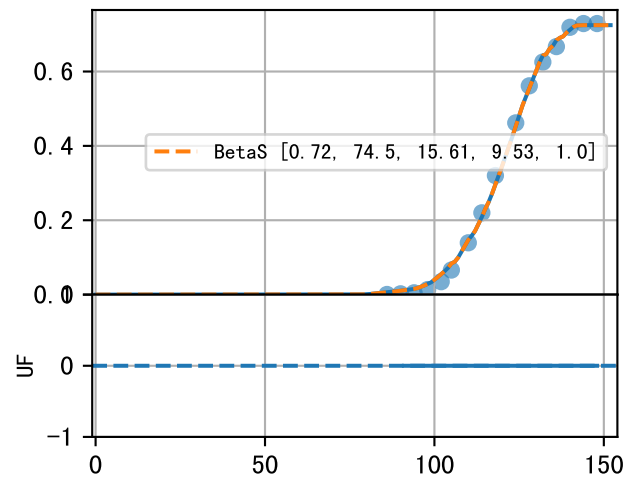
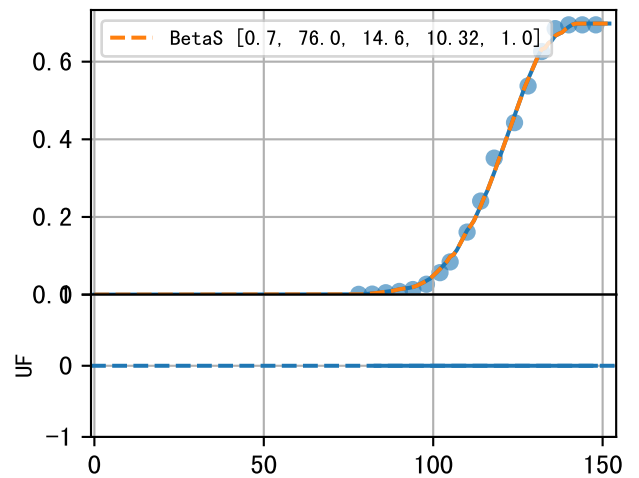
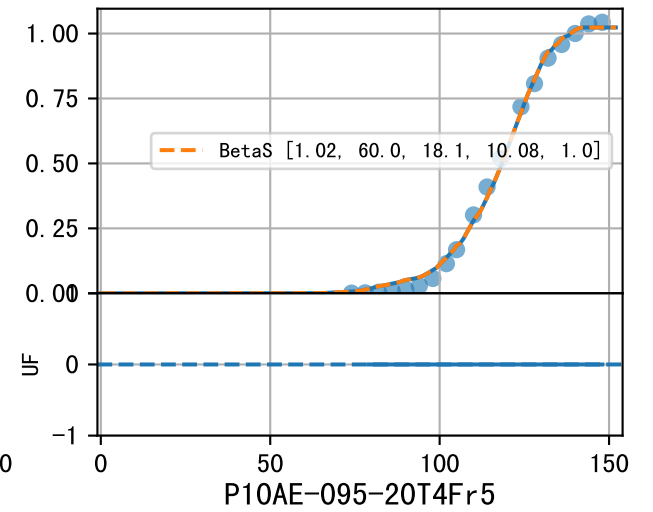
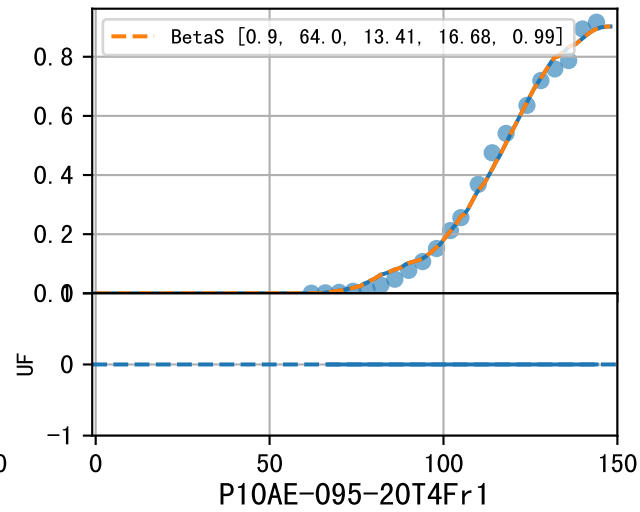
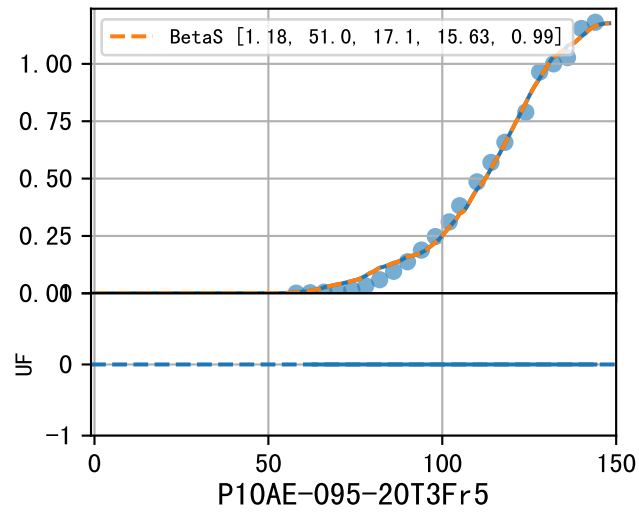
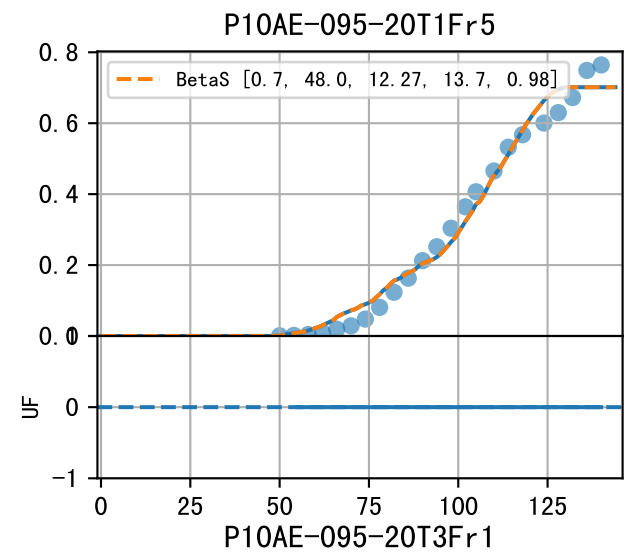
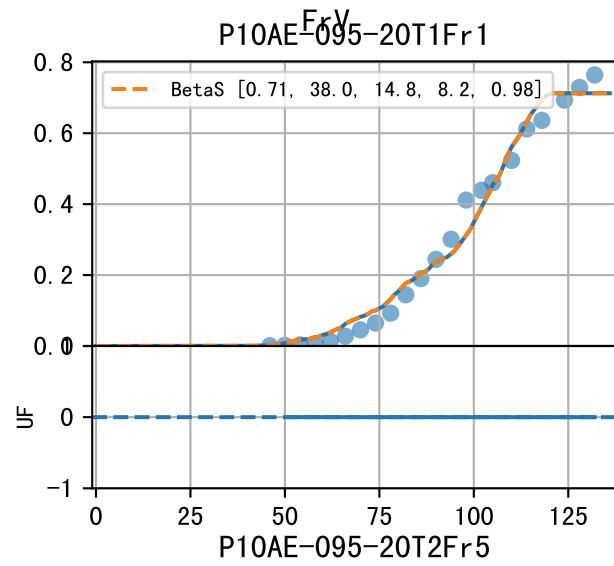
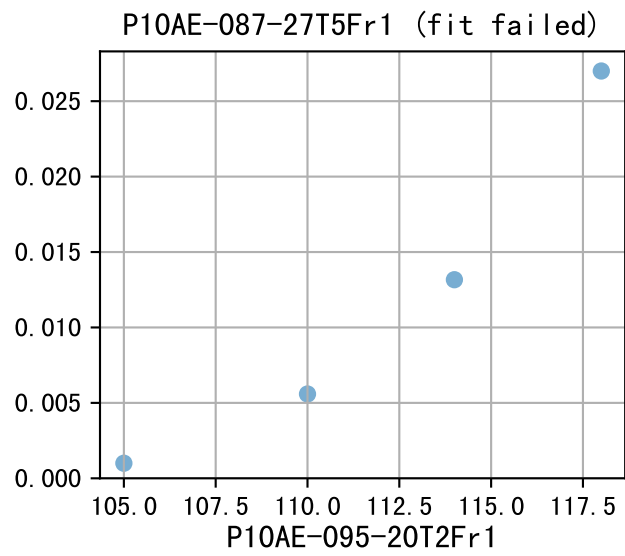


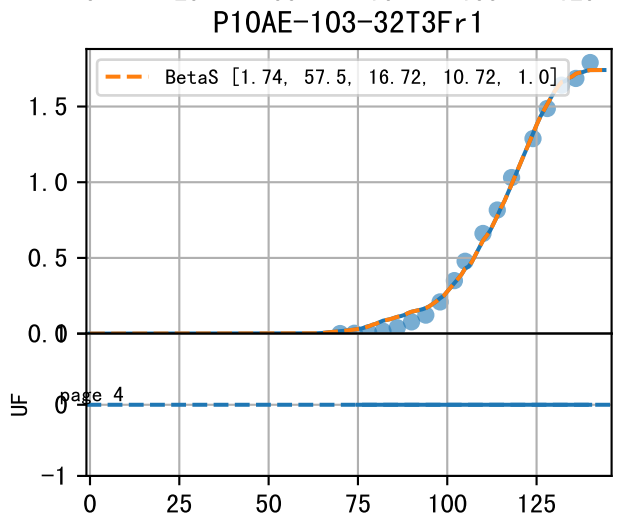
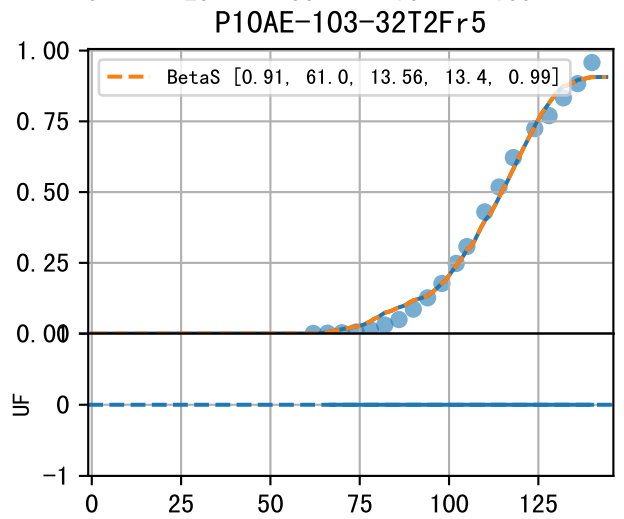
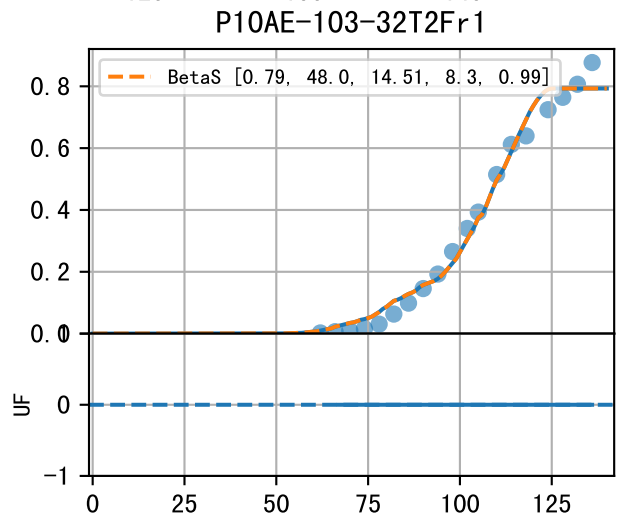
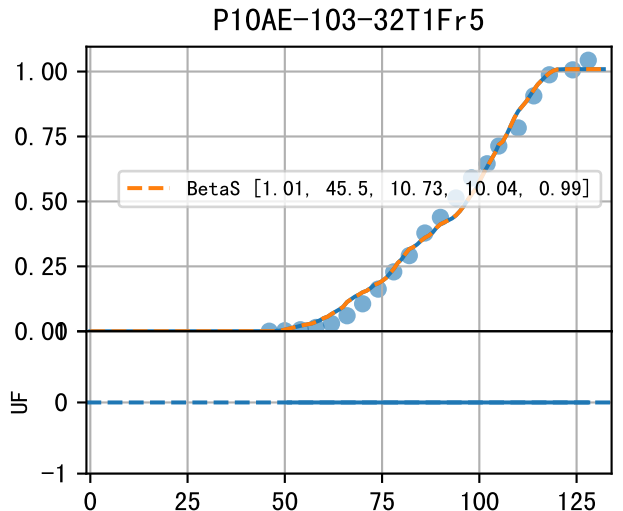
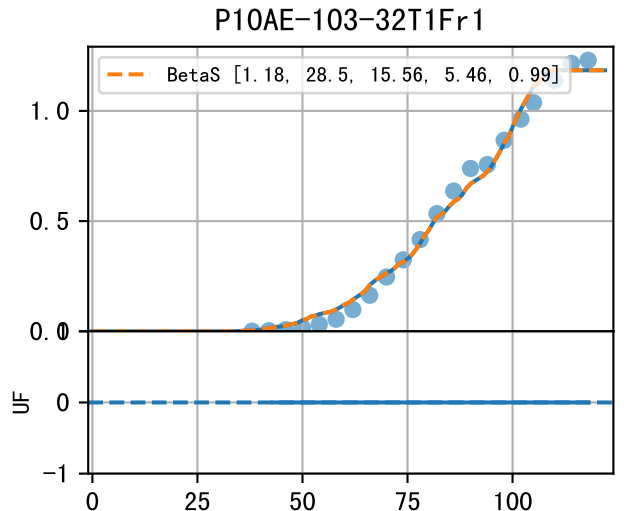
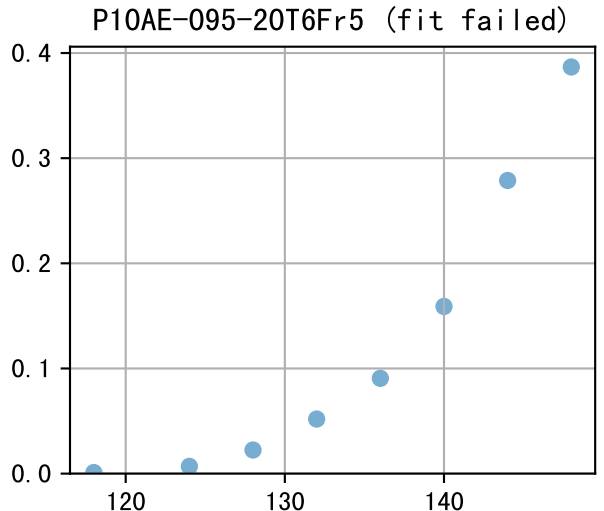
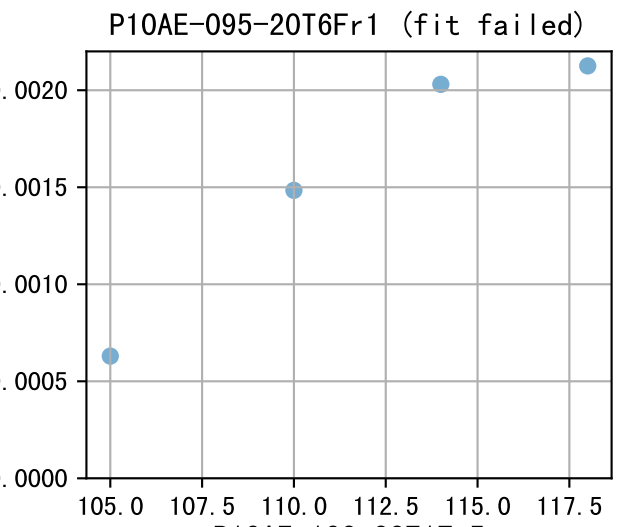
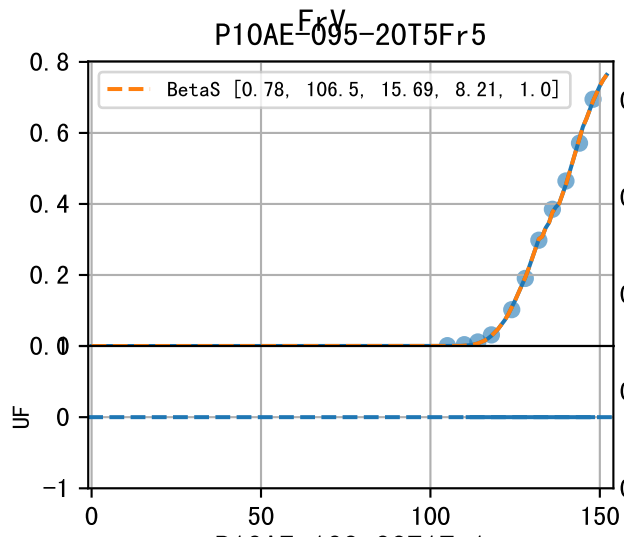
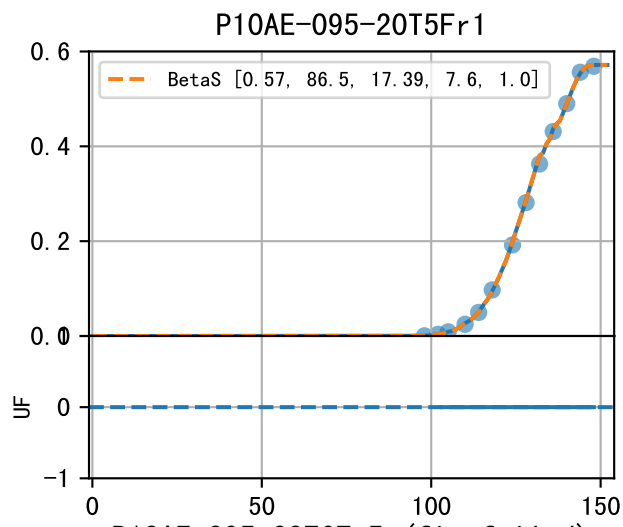
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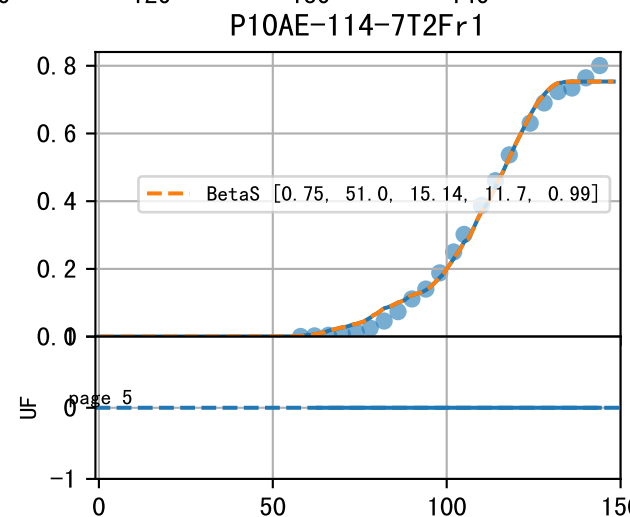
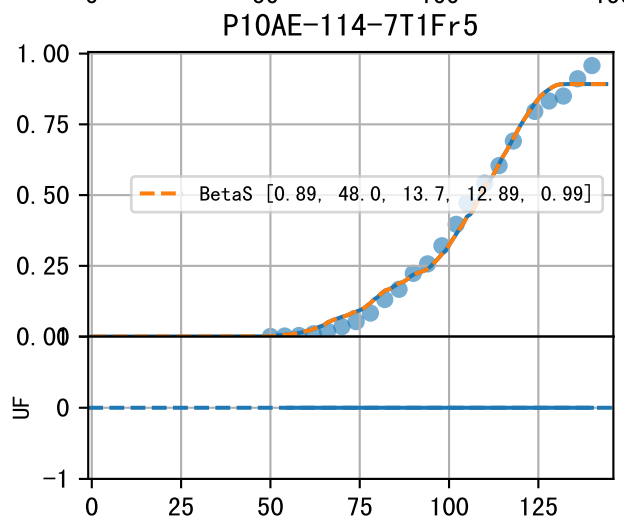
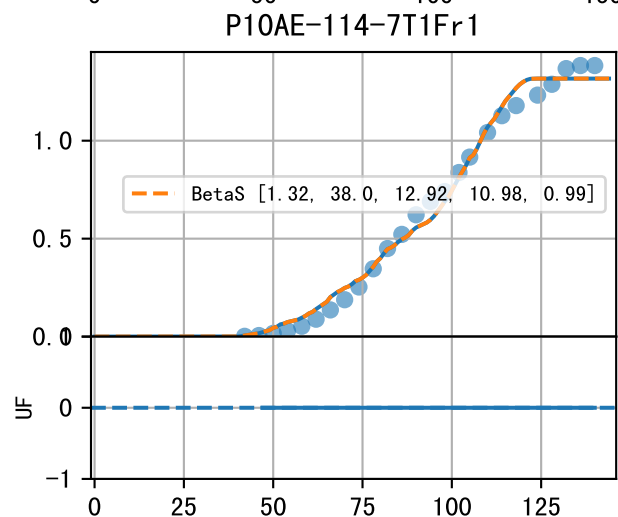
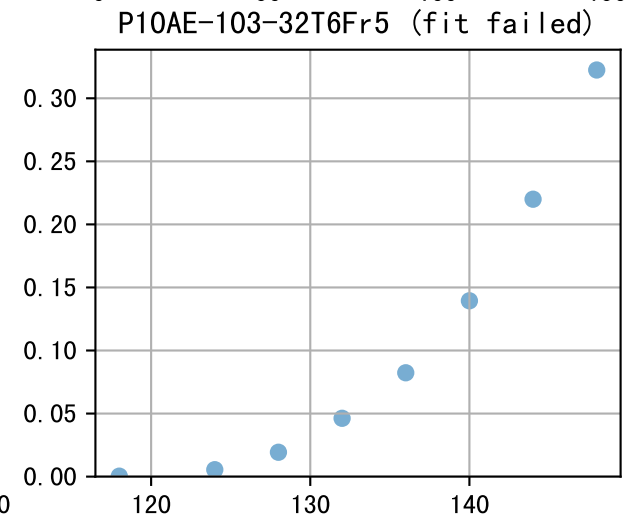
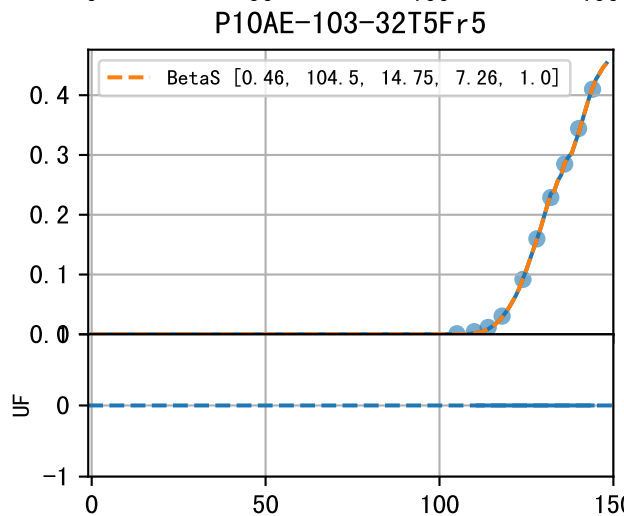
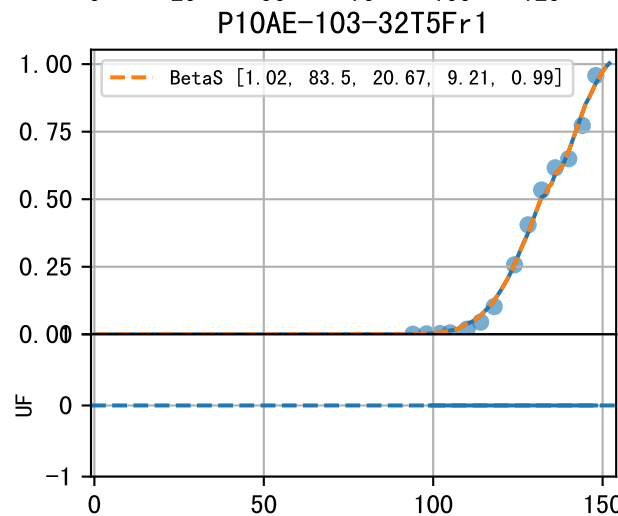
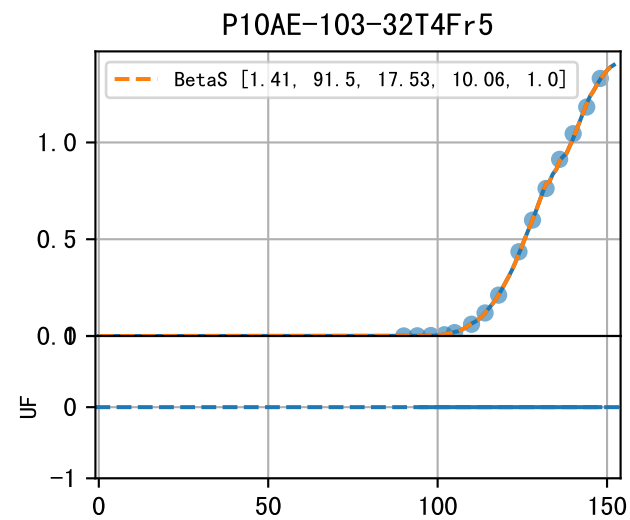
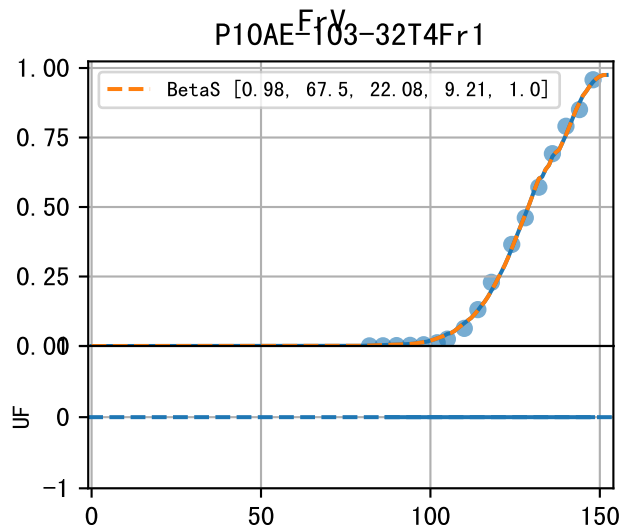
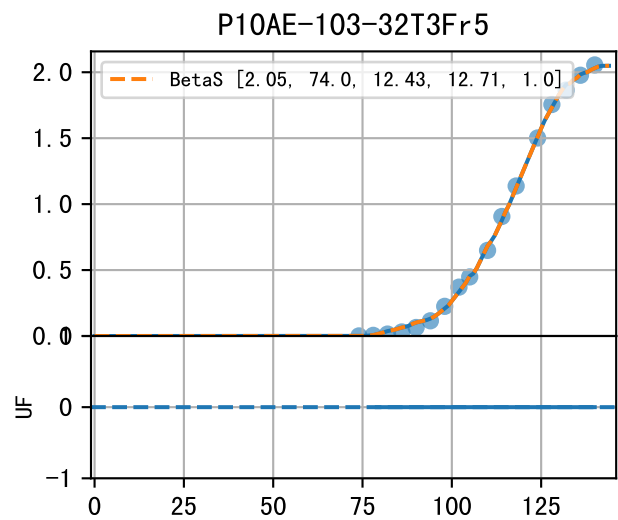


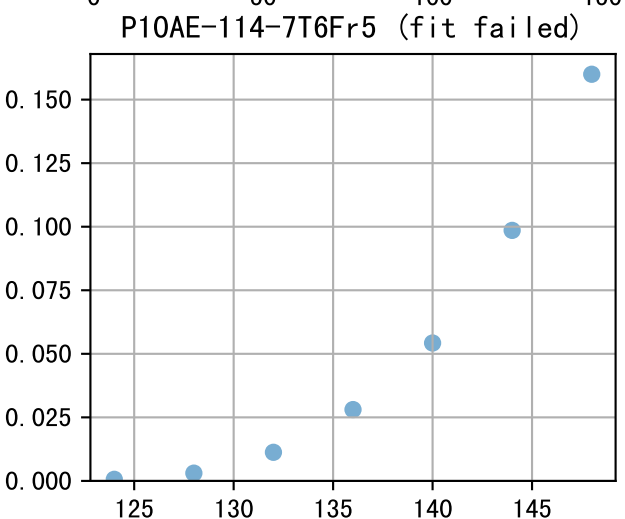
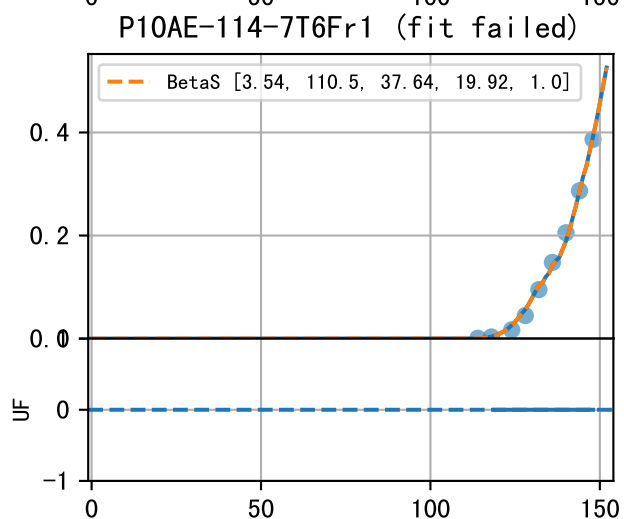
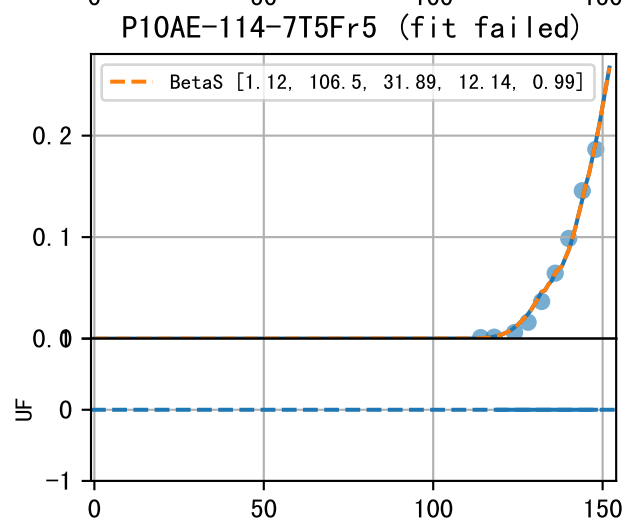
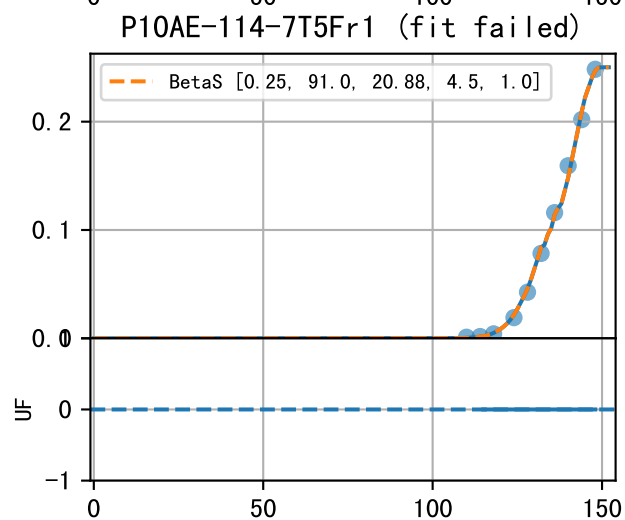
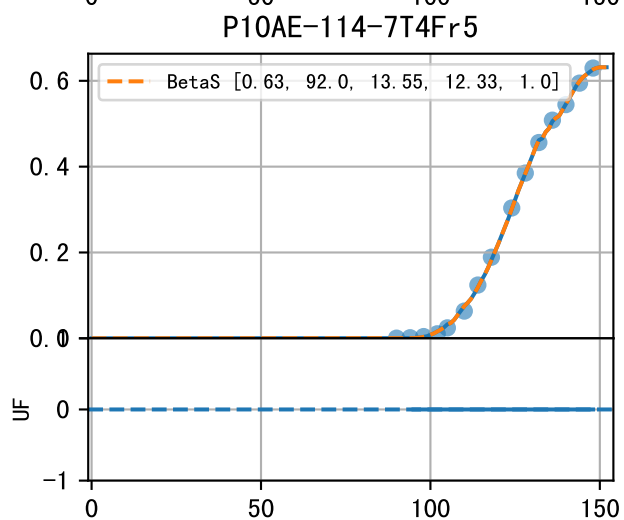
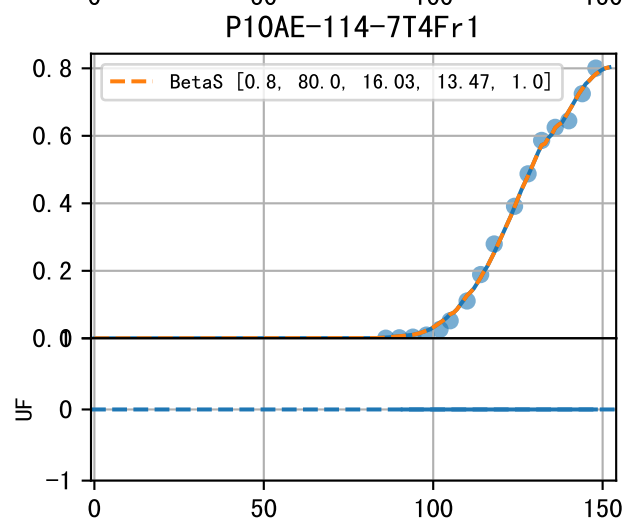
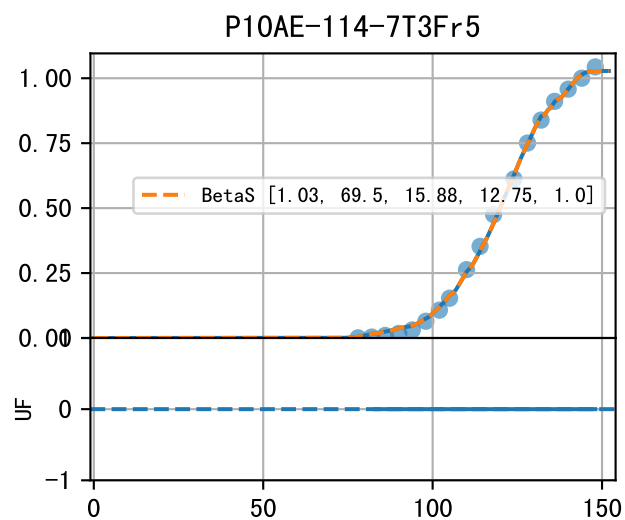
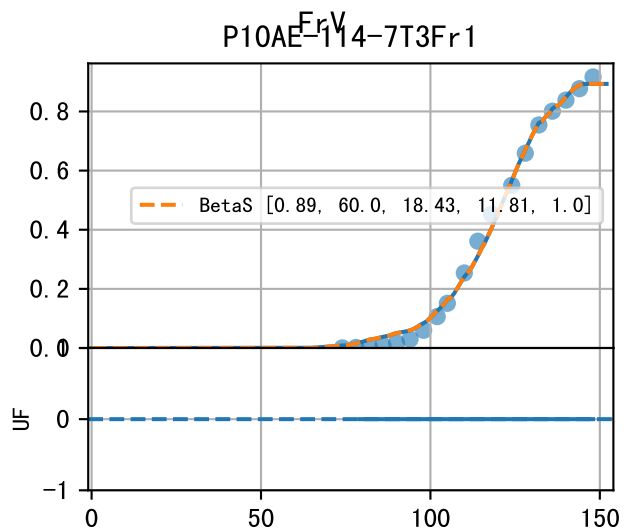
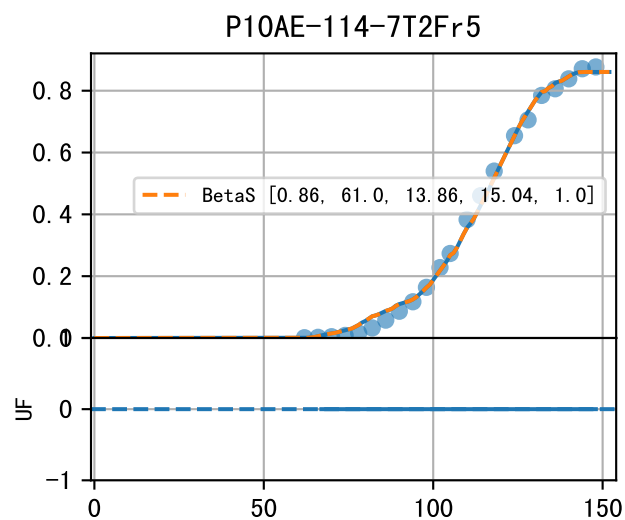
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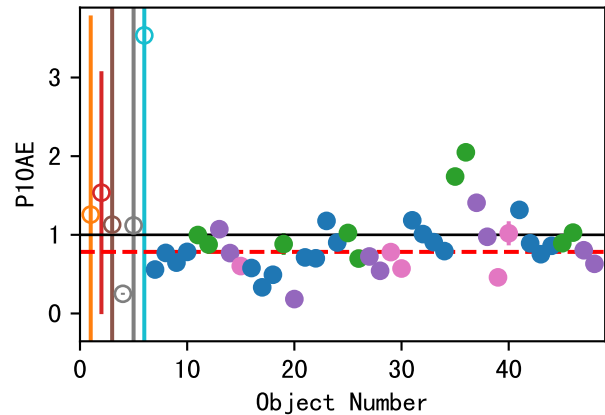




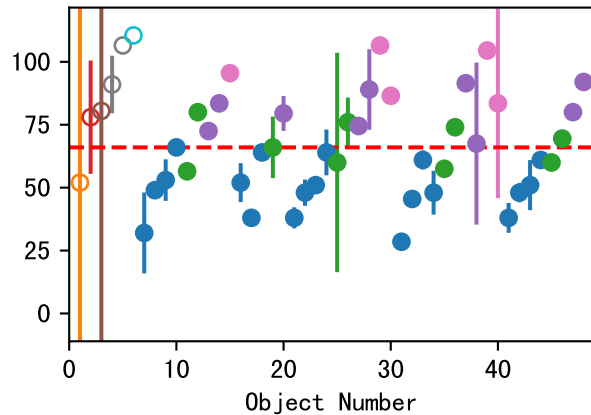




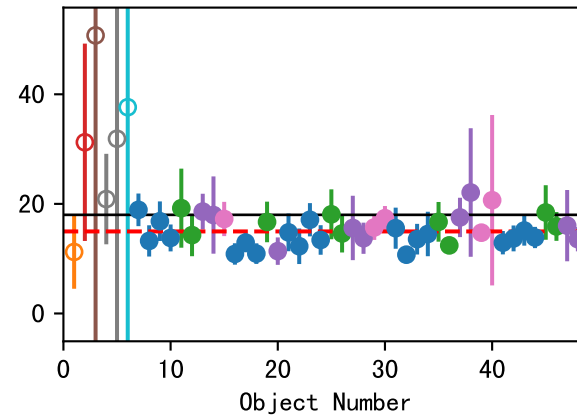
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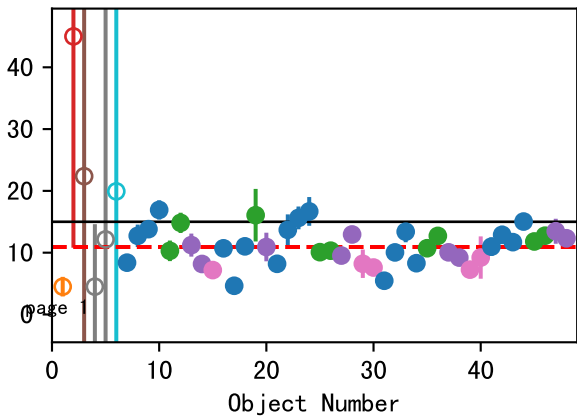
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avg1=66.67~52% avg2=na



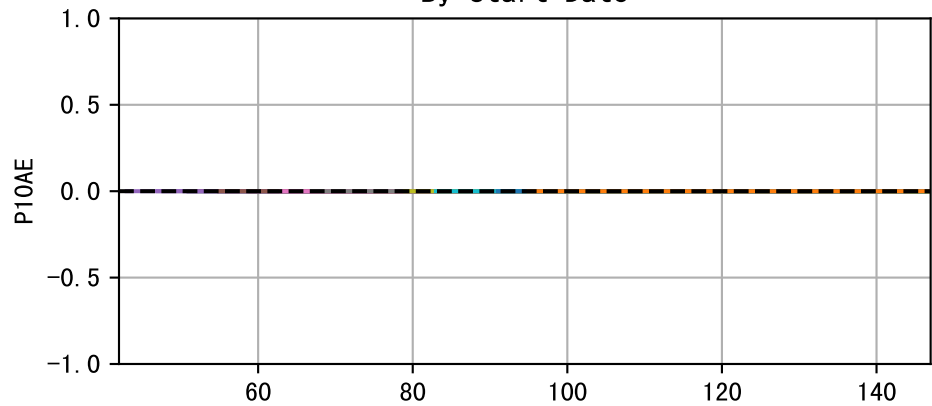
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avg1=14.97~19% avg2=na



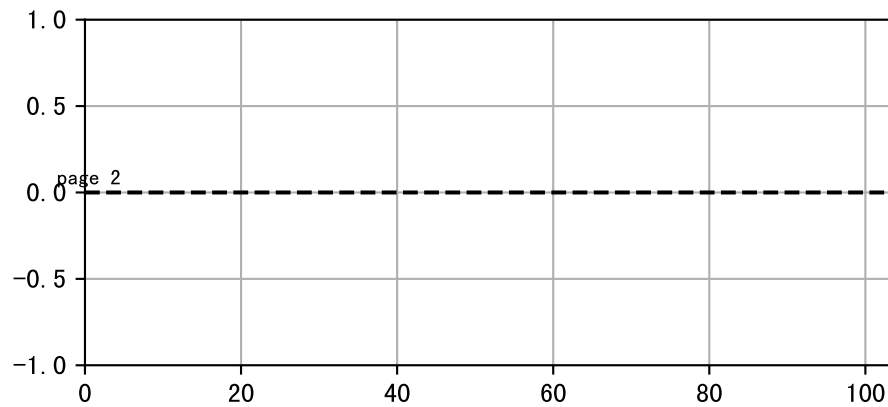
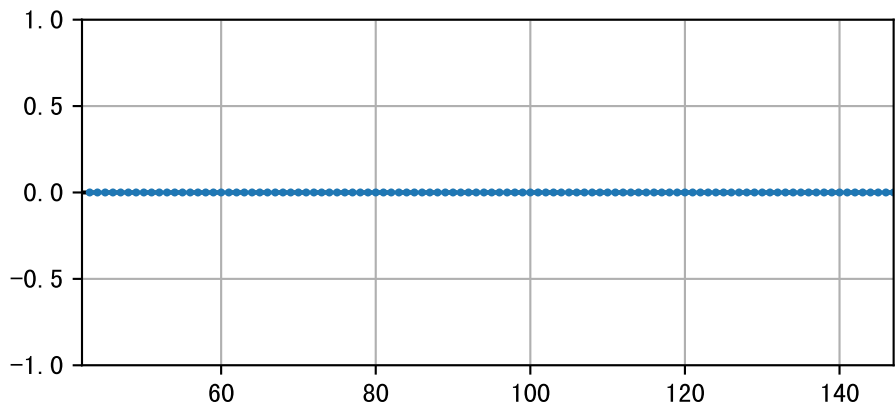
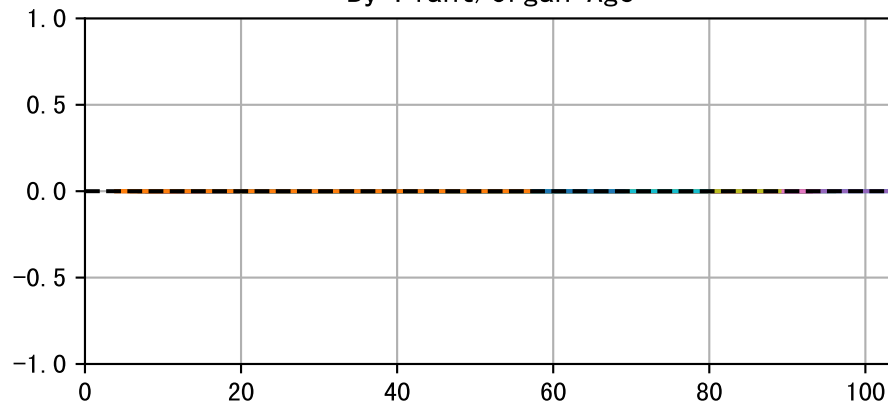
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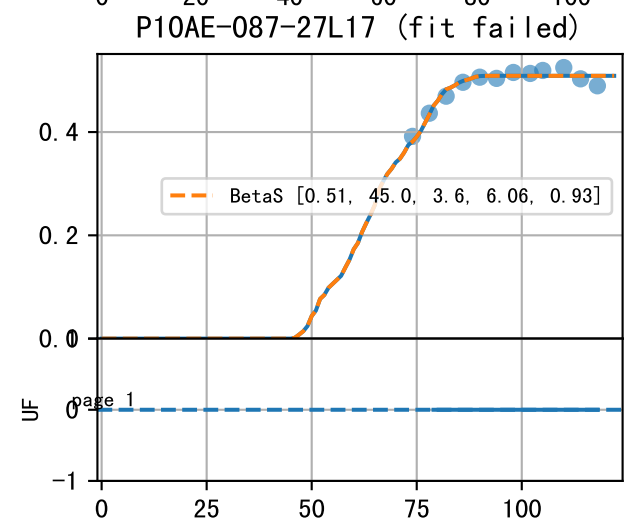
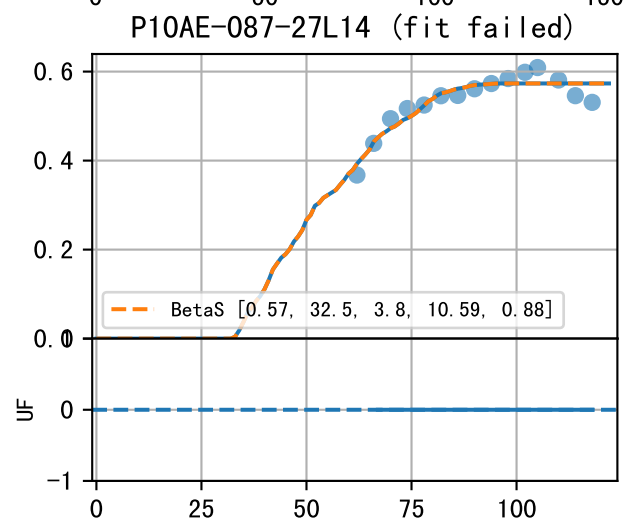
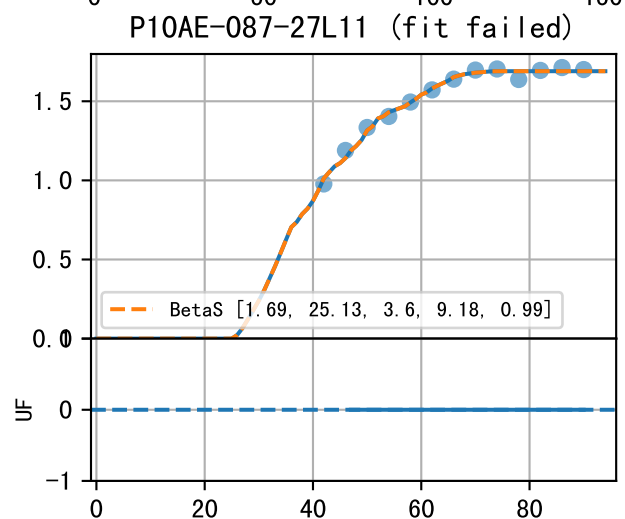
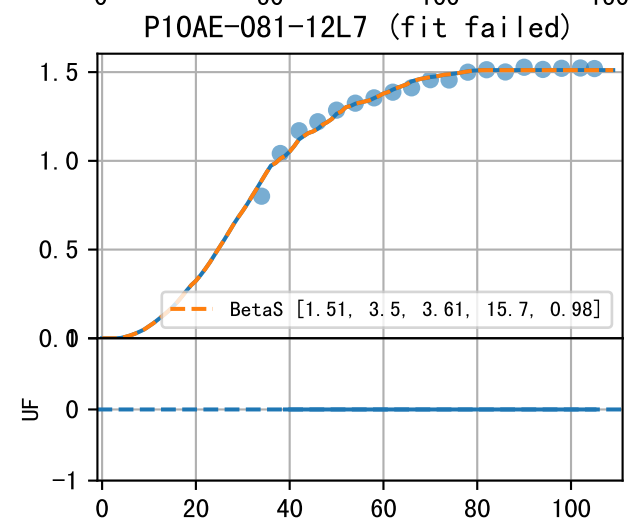
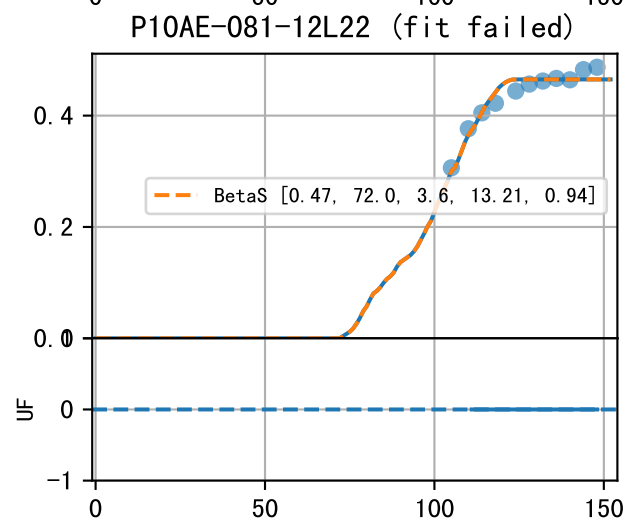
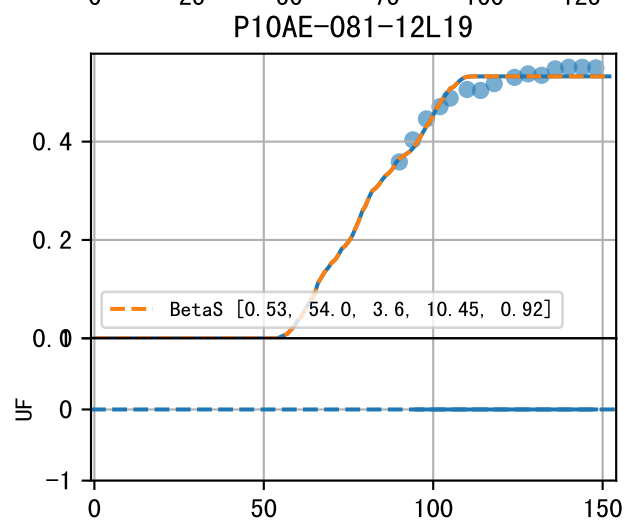
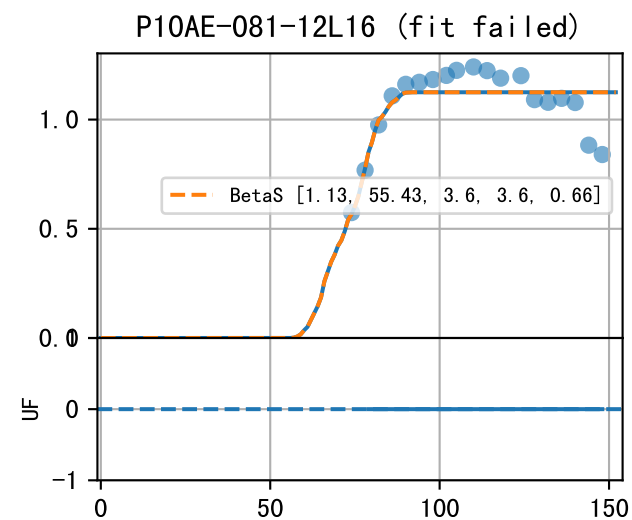
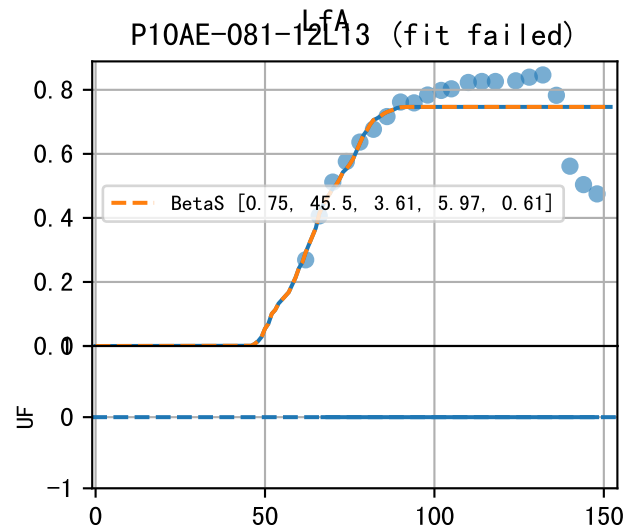
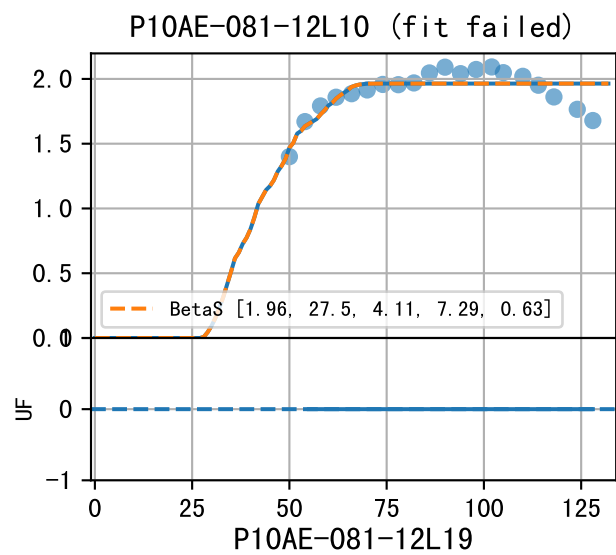


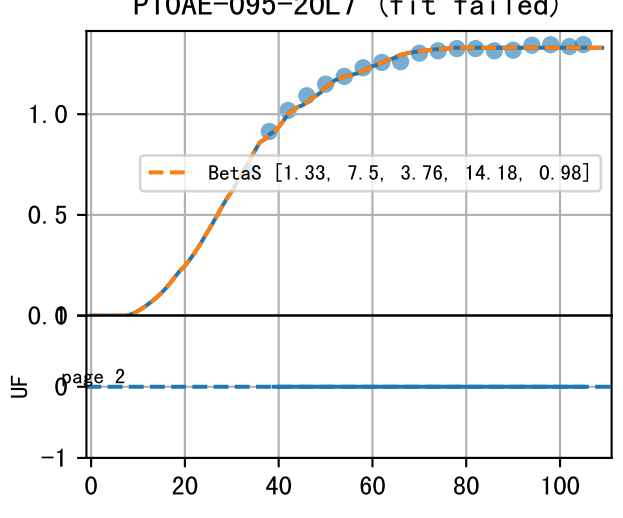
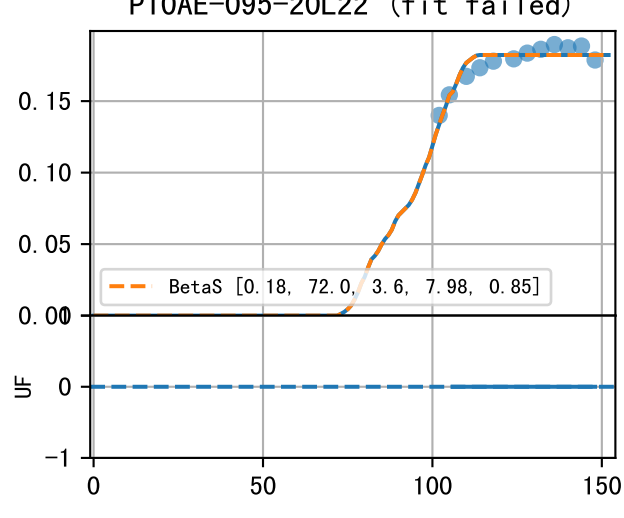
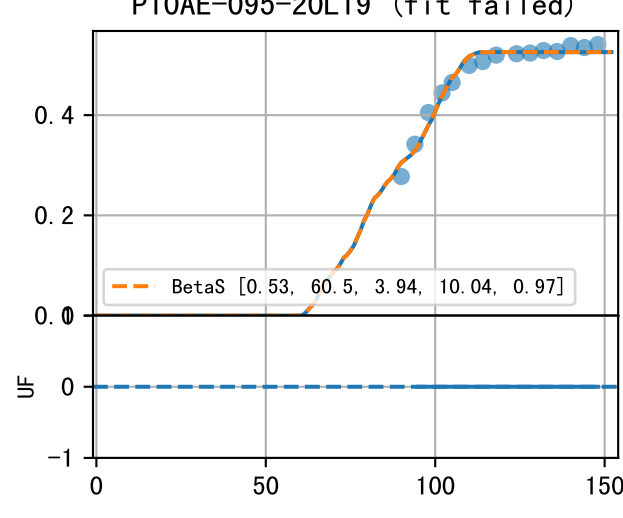
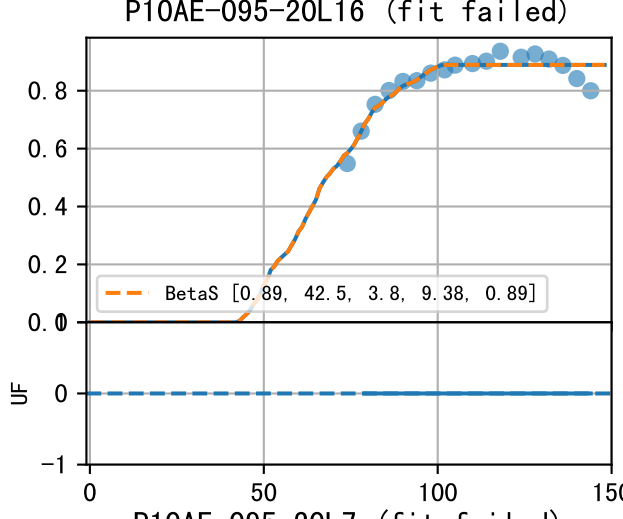
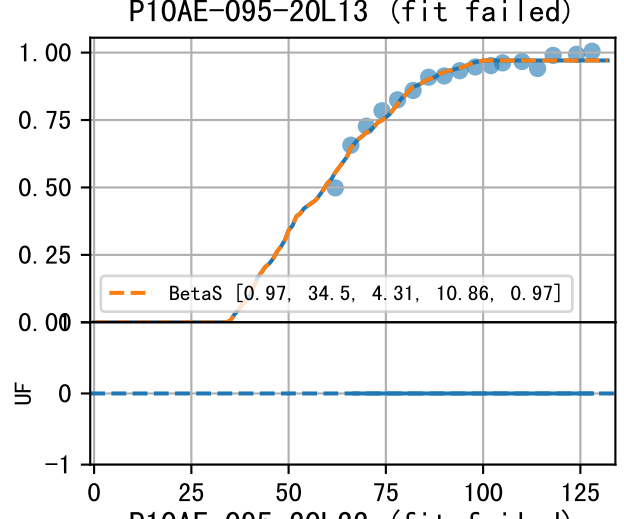
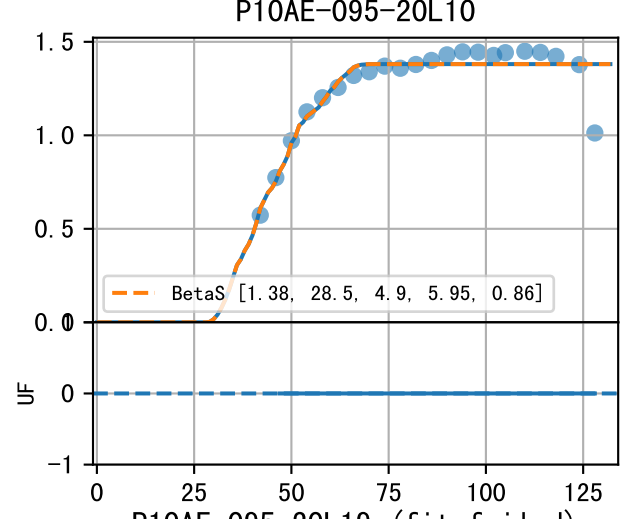
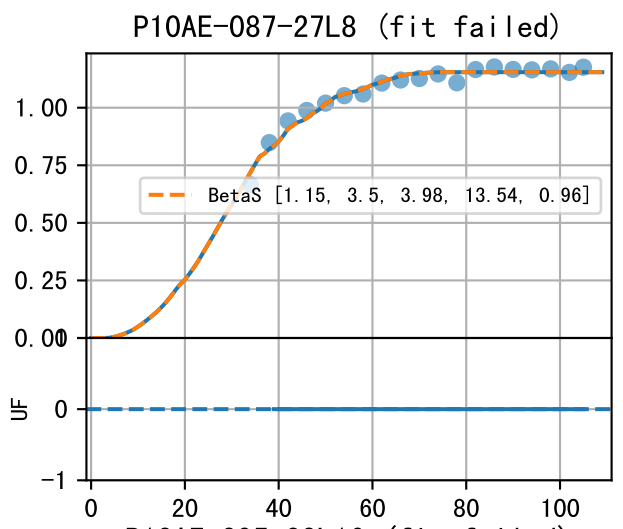
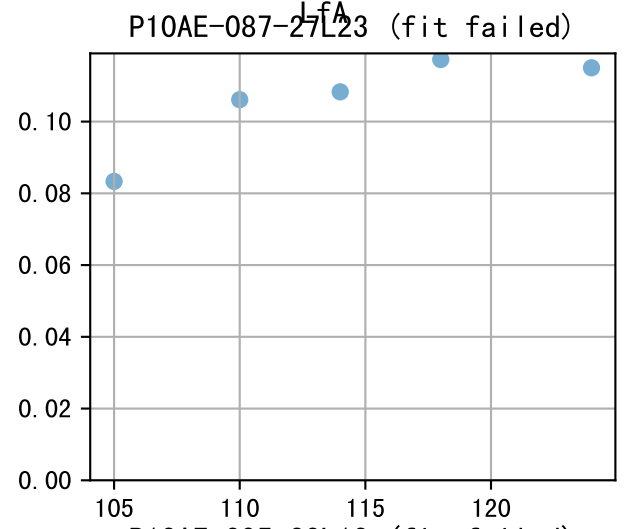
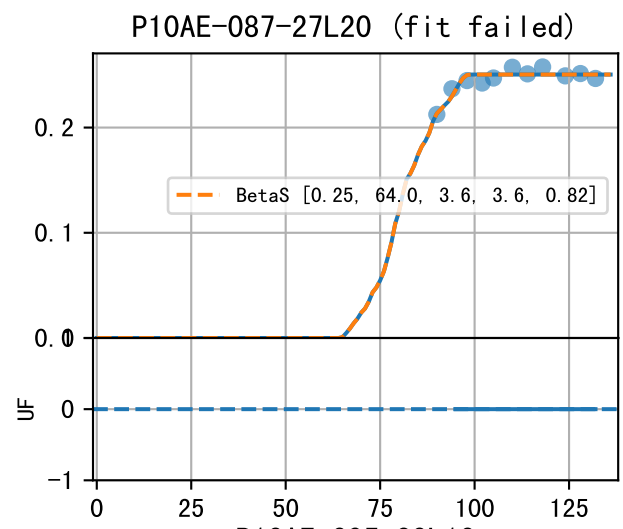
By Start Date

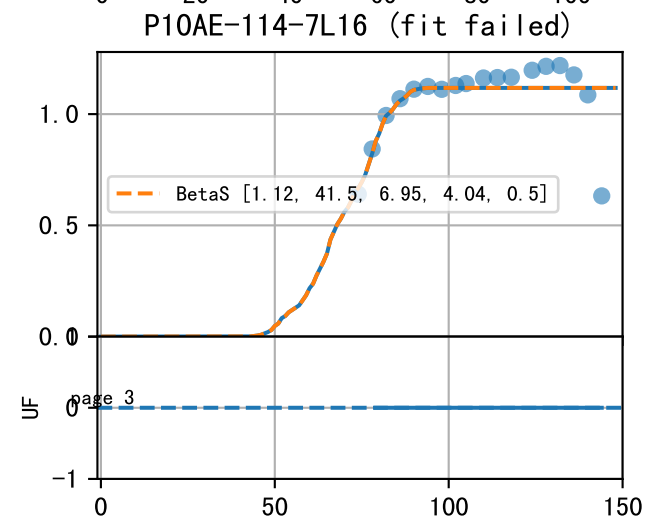
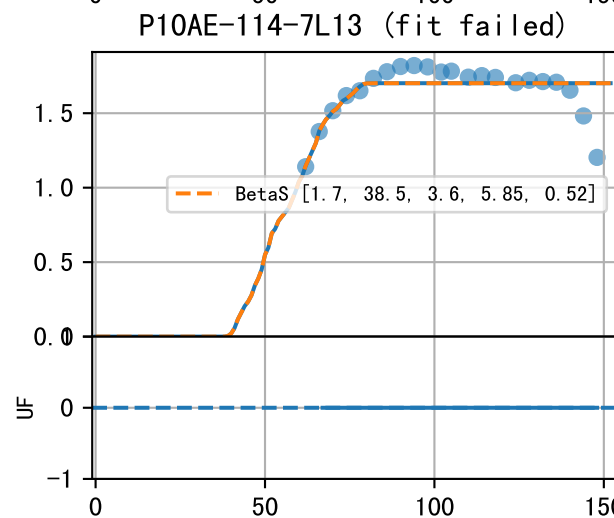
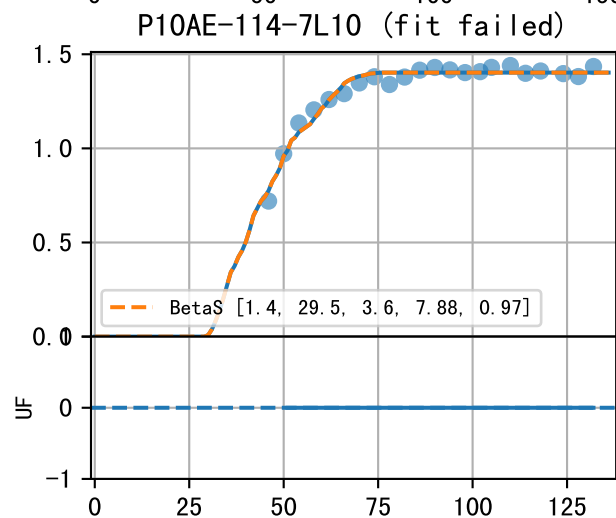
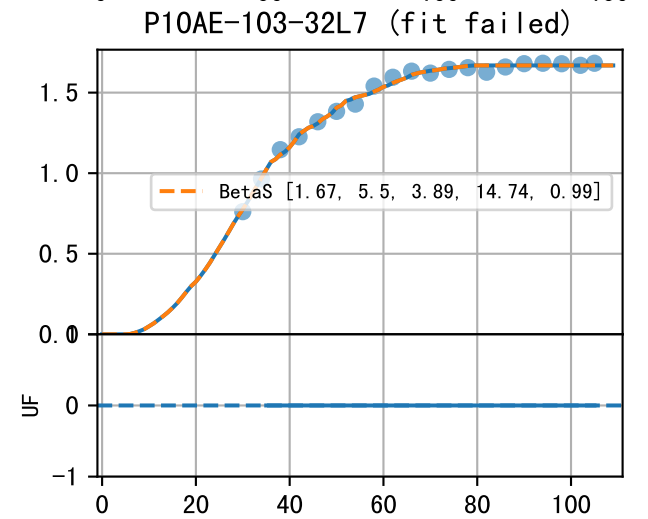
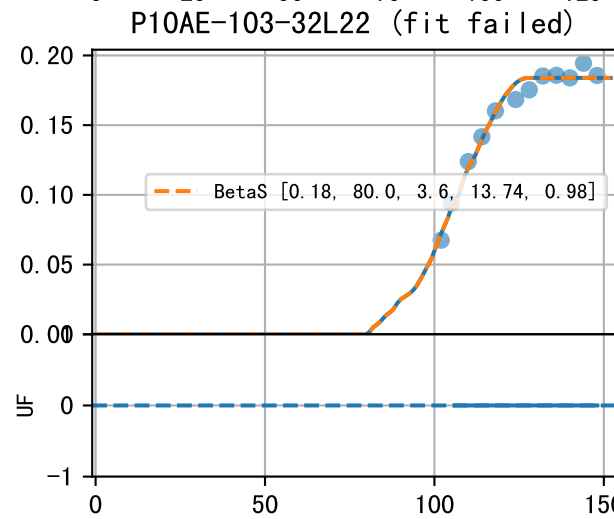
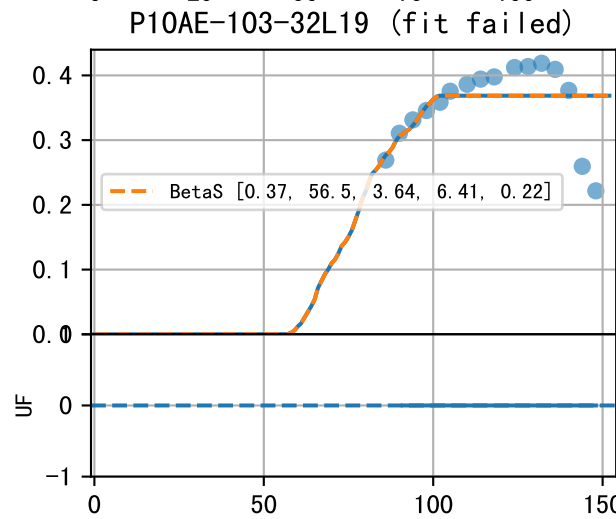
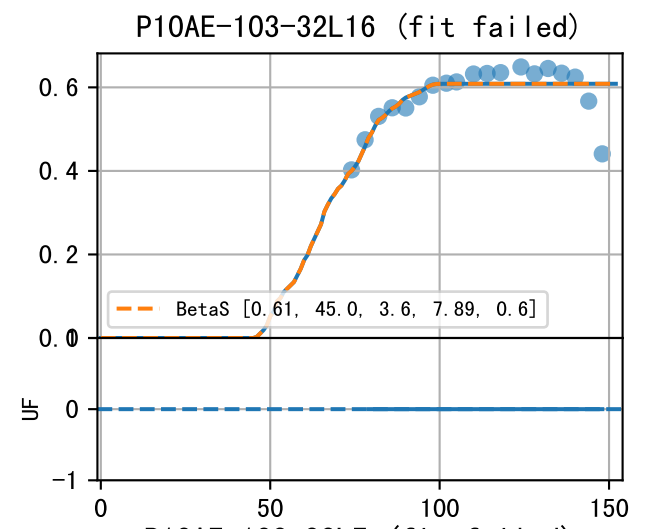
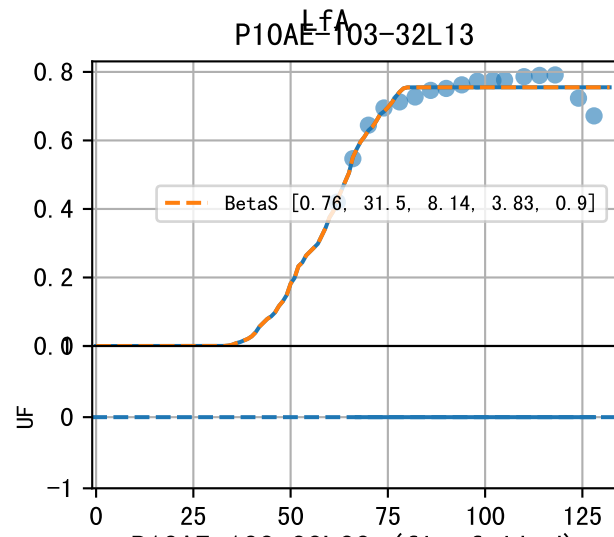
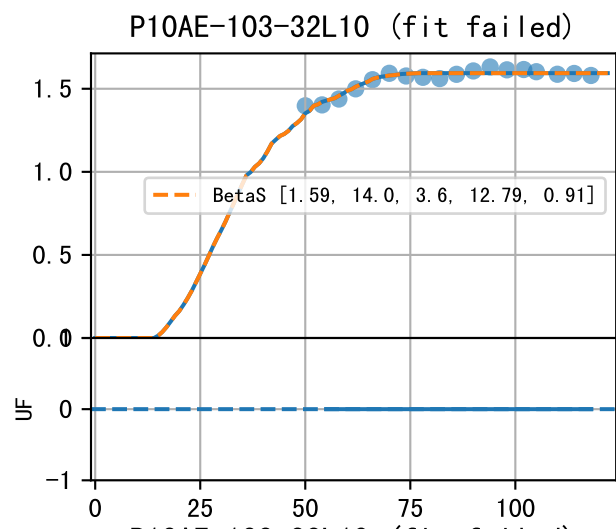


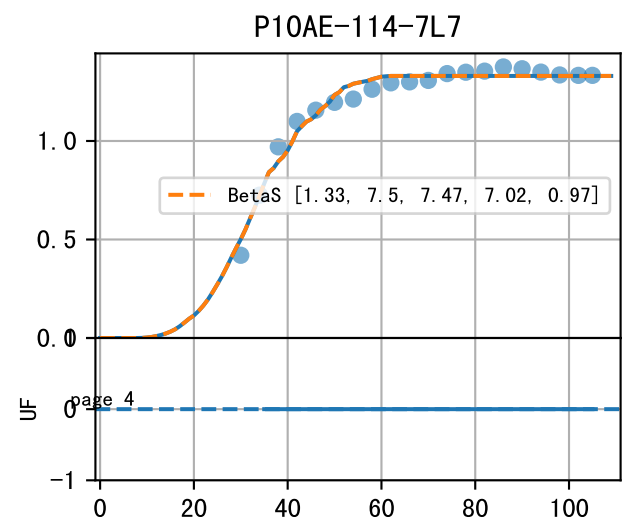
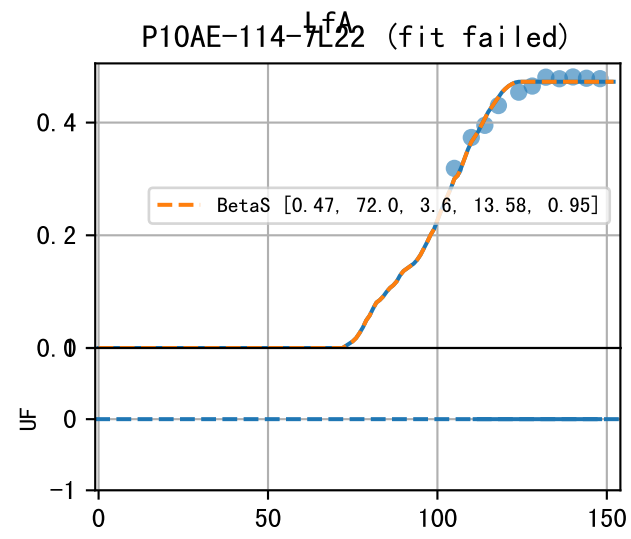
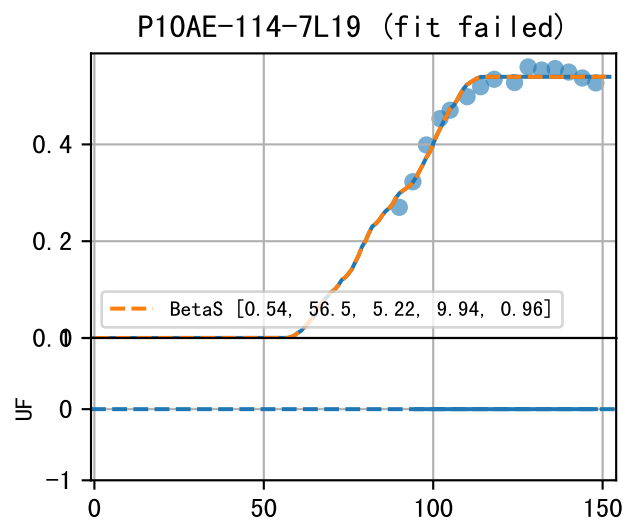
By Plant/Organ Age



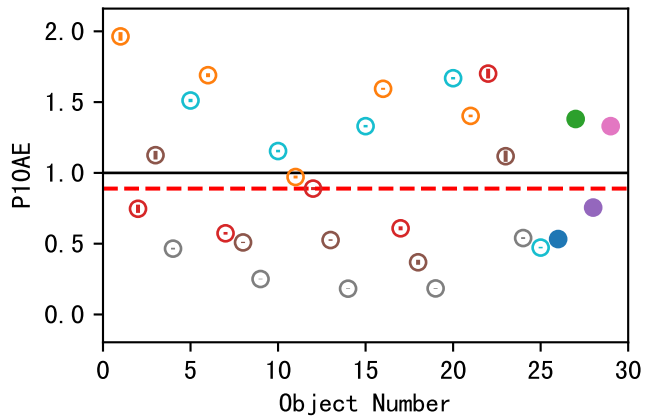




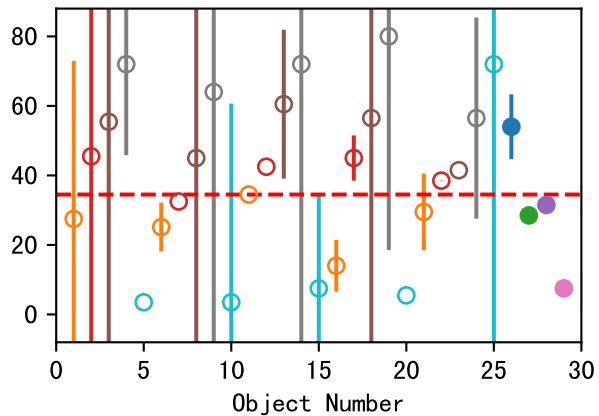




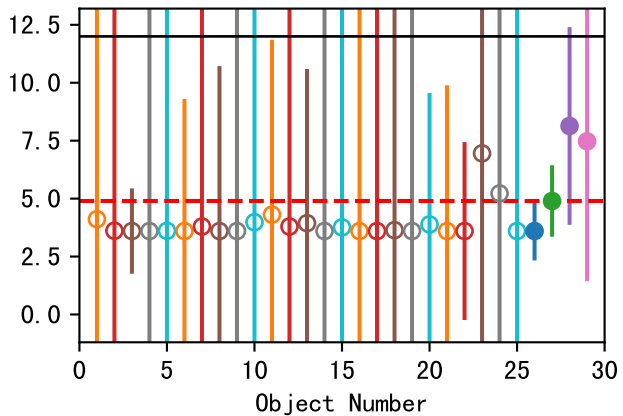
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avg1=0.89~59% avg2=na



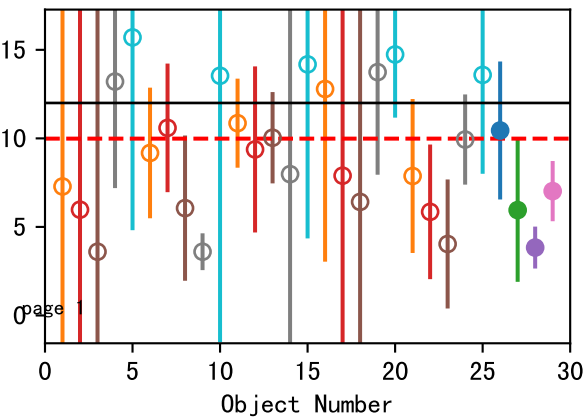
tb (Def=na Set=na)
avg1=0.62~62% avg2=na



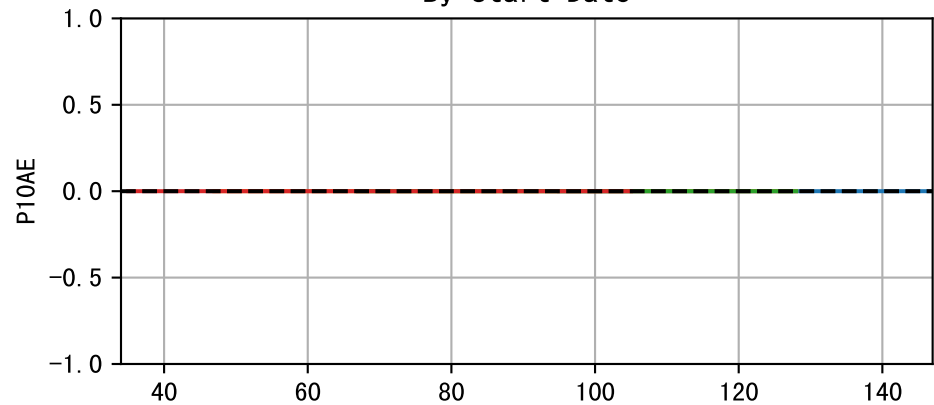
dm (Def=12 Set=4.9)
avg1=4.9~44% avg2=na



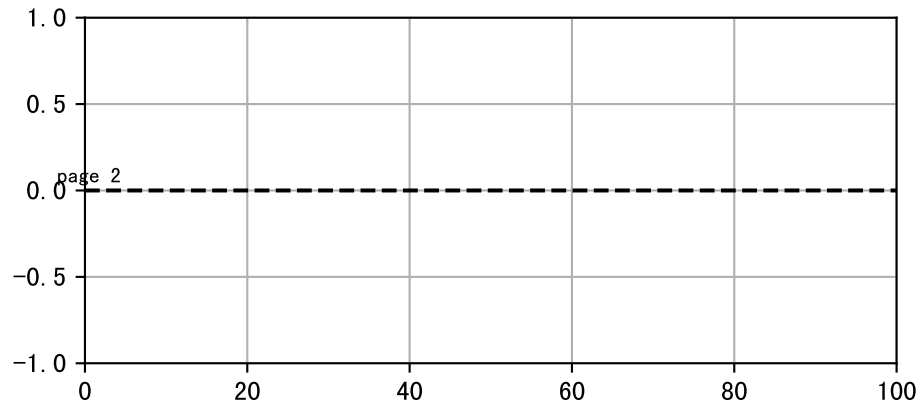
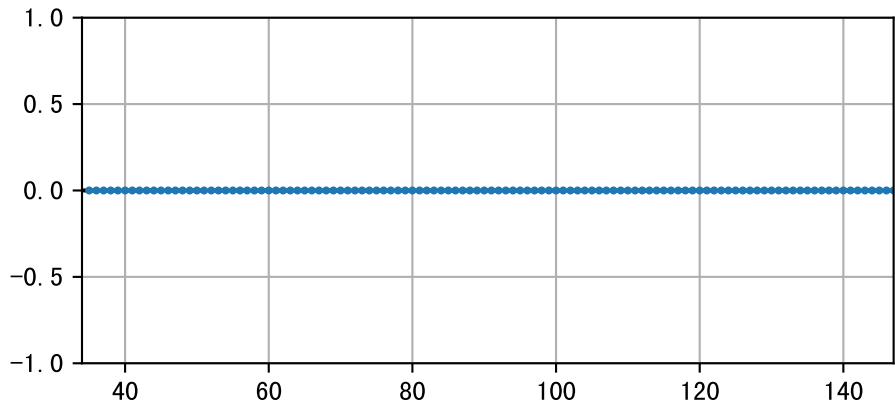
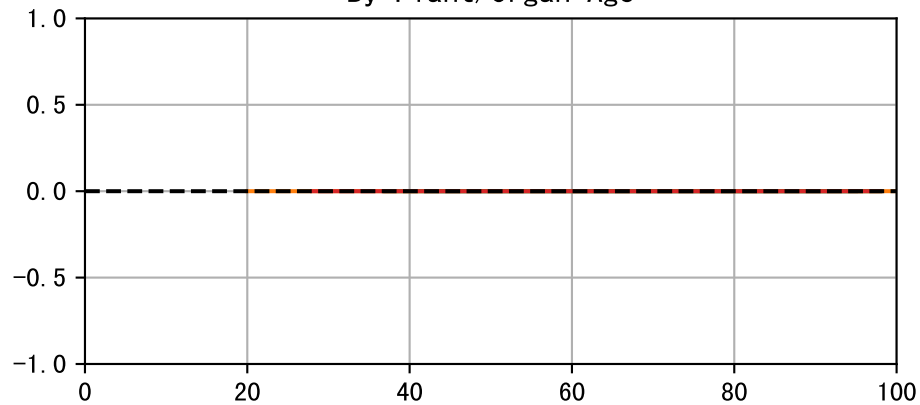
de (Def=12 Set=9.99)
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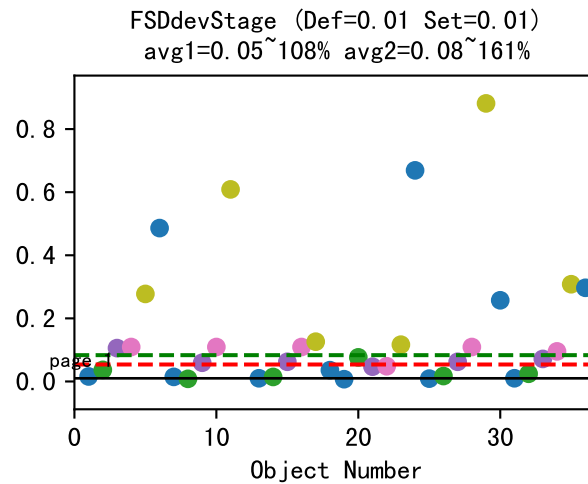
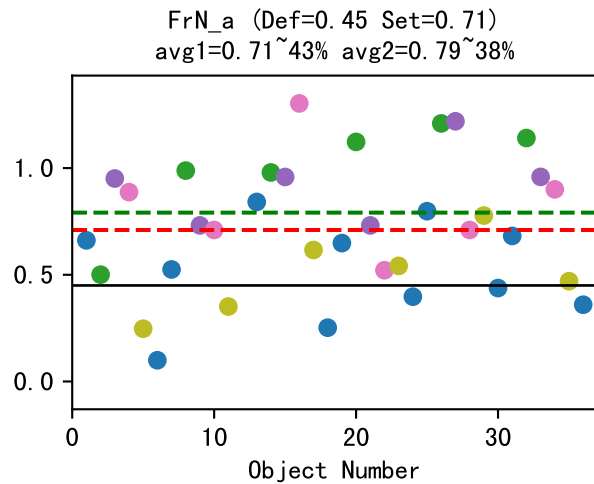
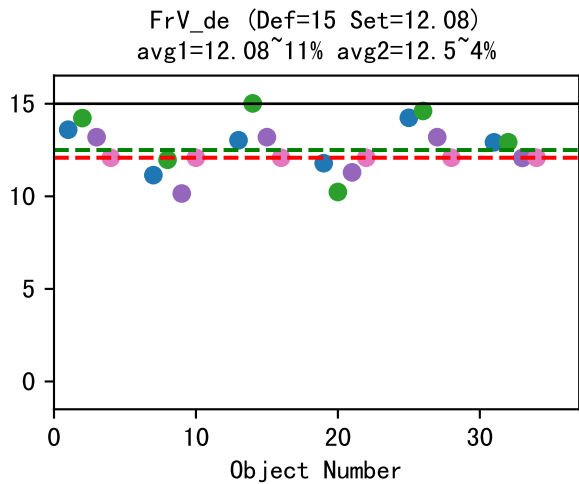
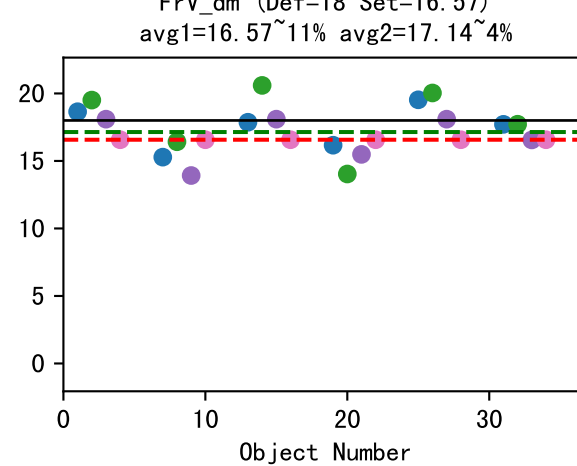
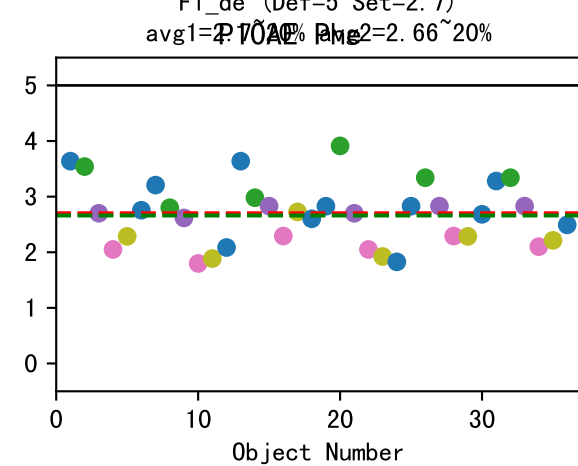
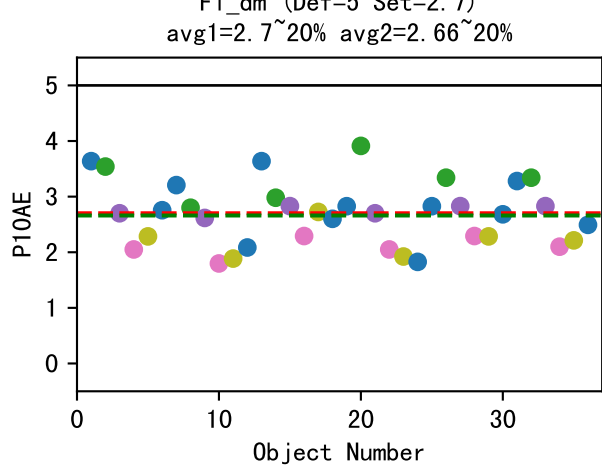


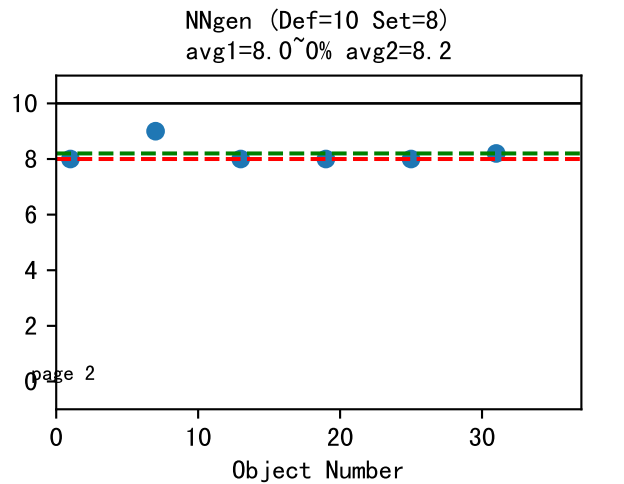
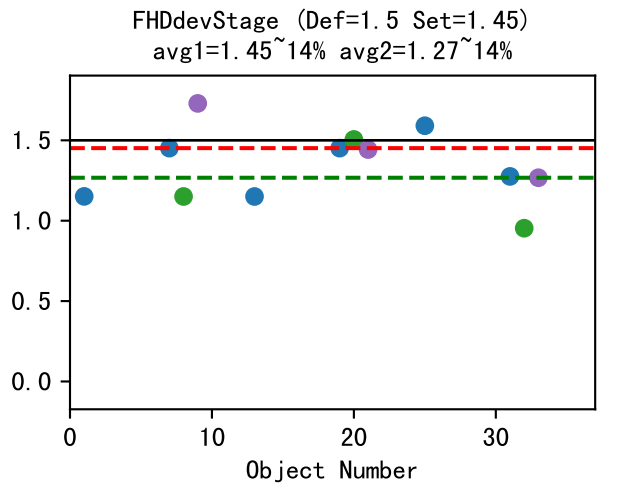
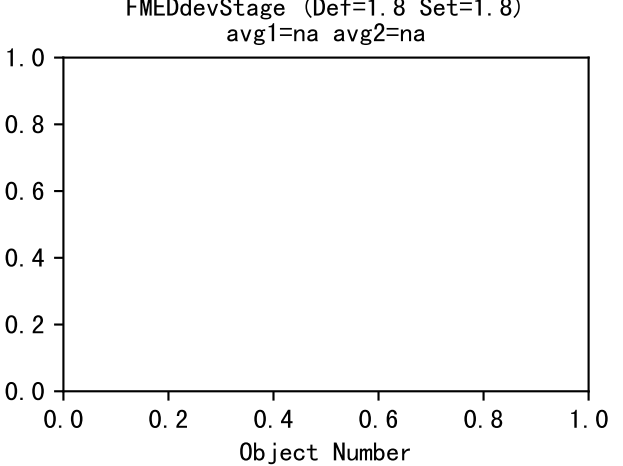
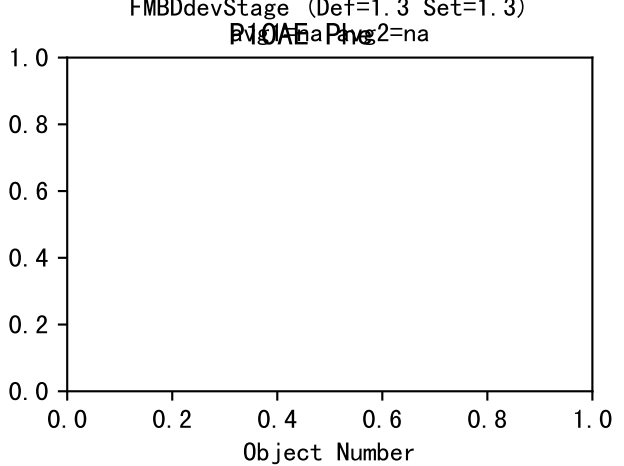
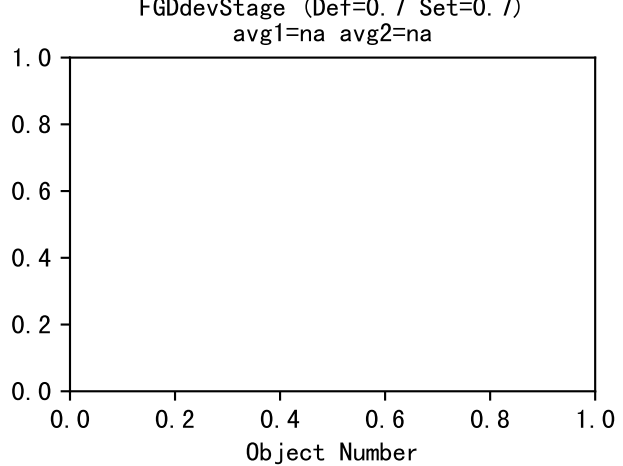
By Start Date



By Plant/Organ Age



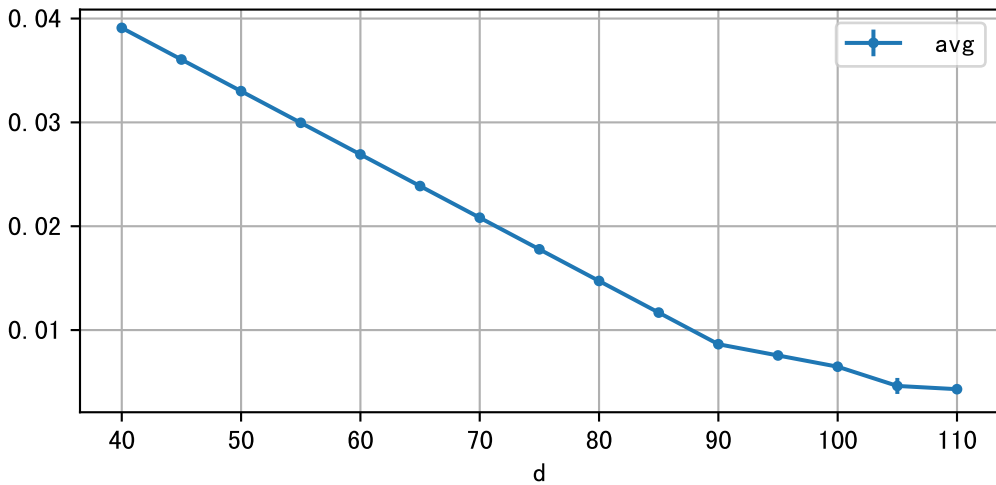




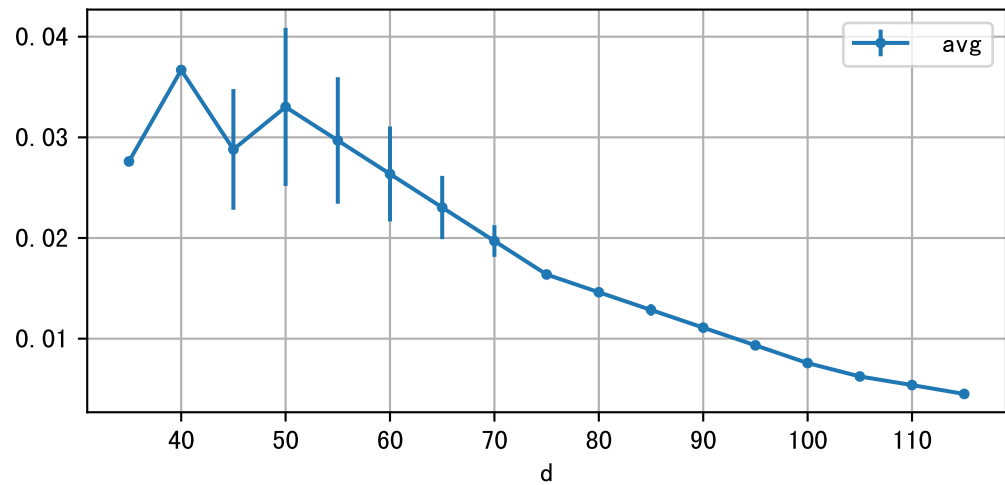
LfA: avg vs. d at each age group

page 1

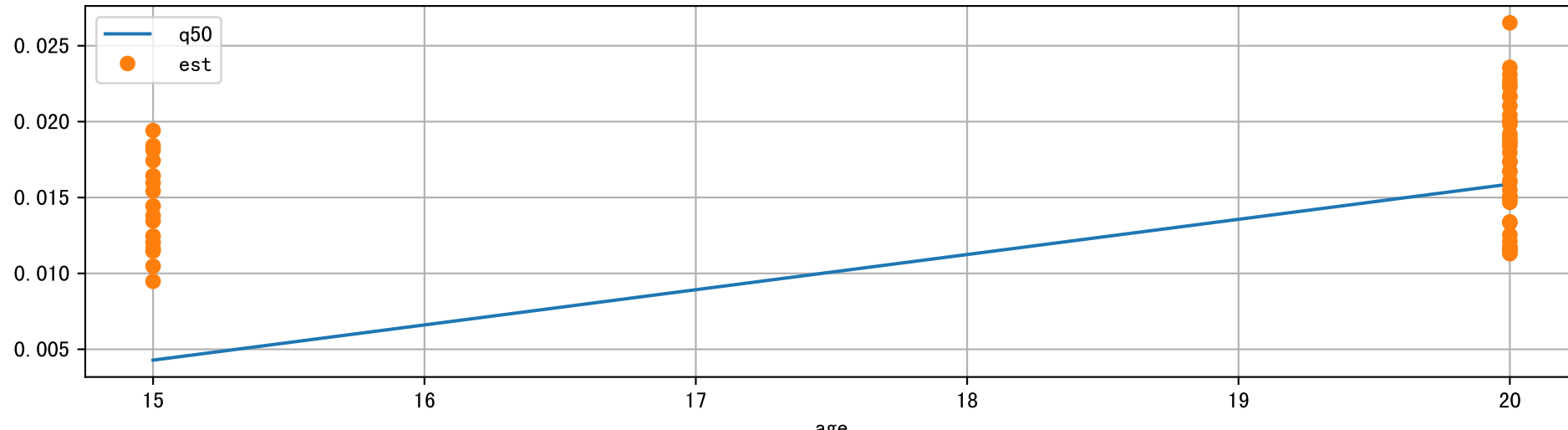
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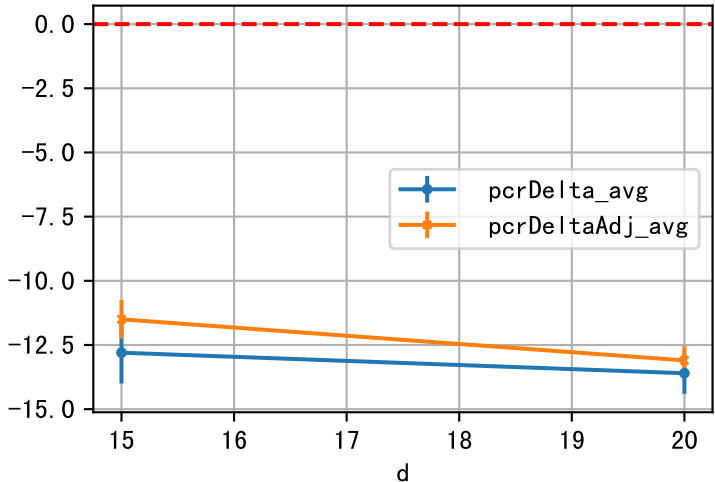
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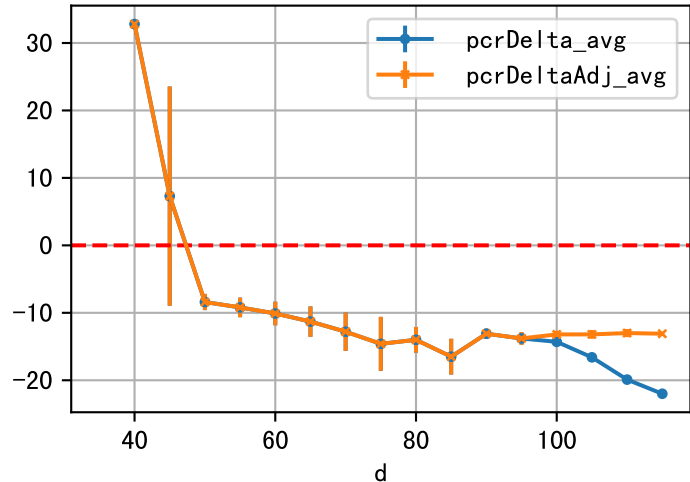
LfA: model est vs obs0v@Q50



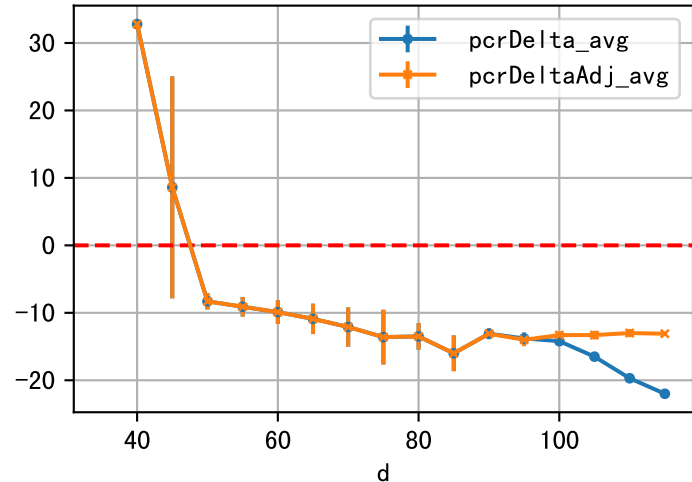
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

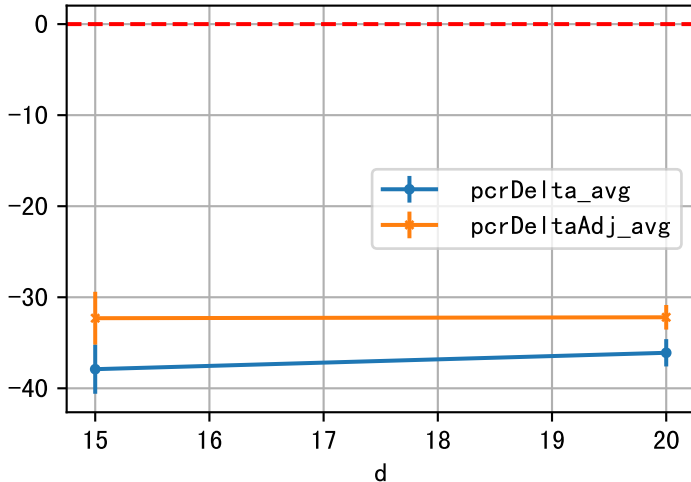


DeltaTypeAbbr=Wei AvgByD

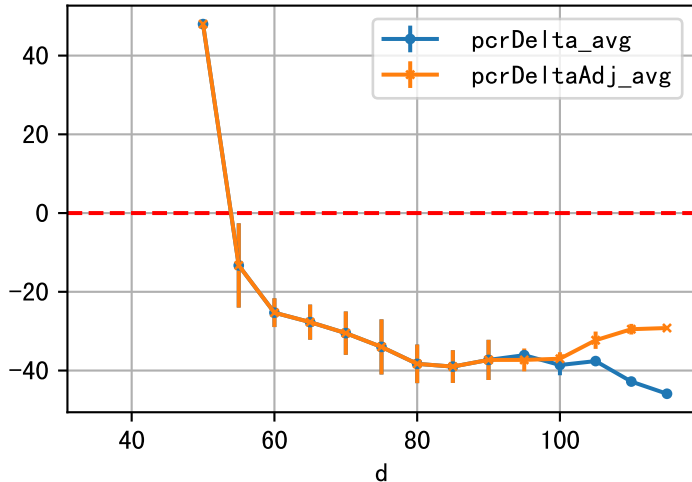


P10AE LfA: D_15d_LfA

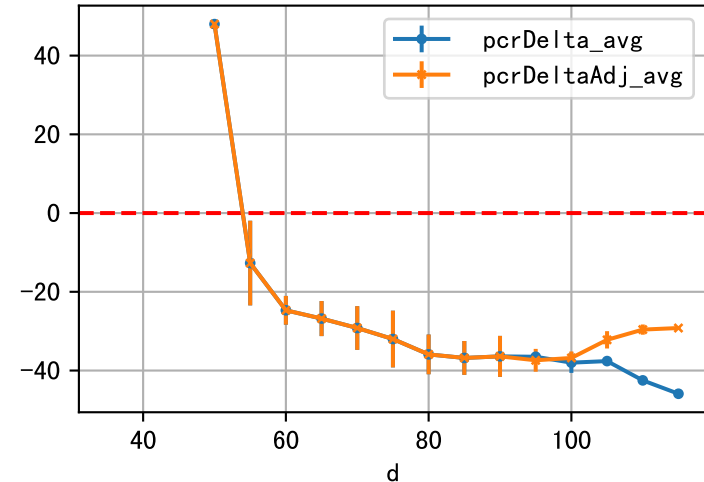
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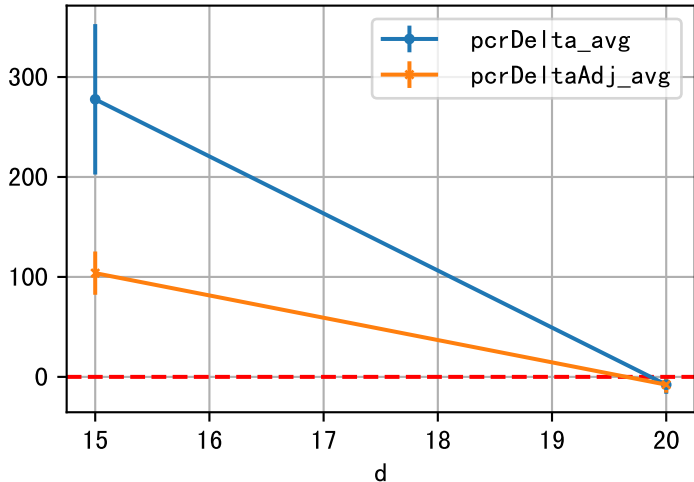


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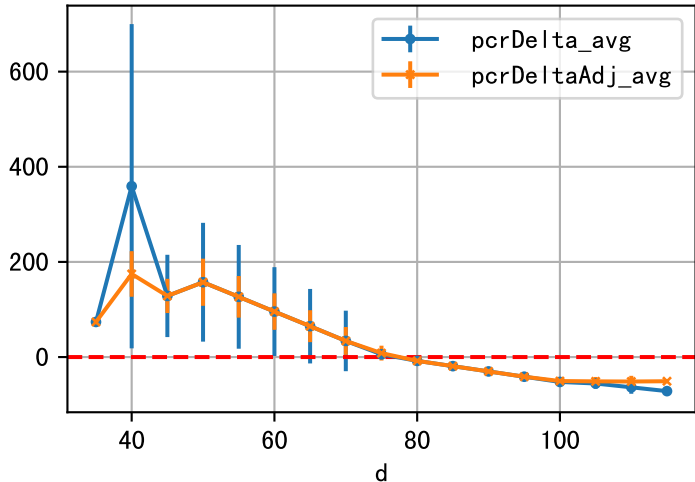


P10AE LfA: D_Q50_LfA

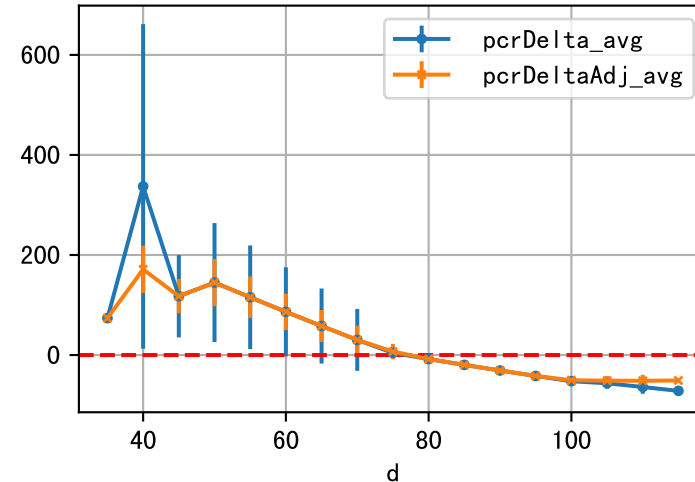
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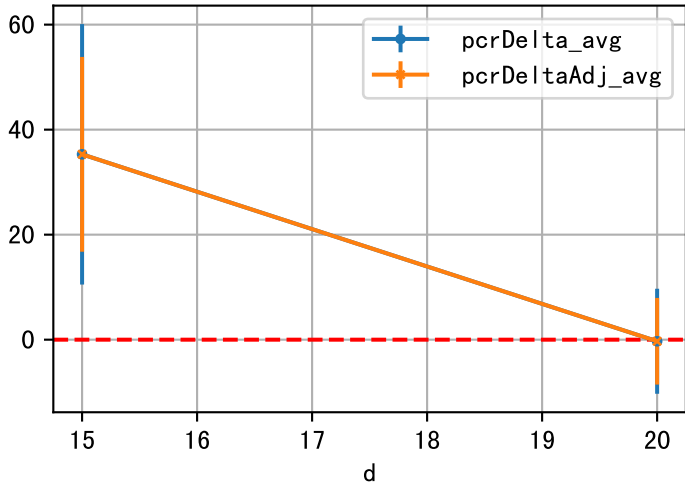


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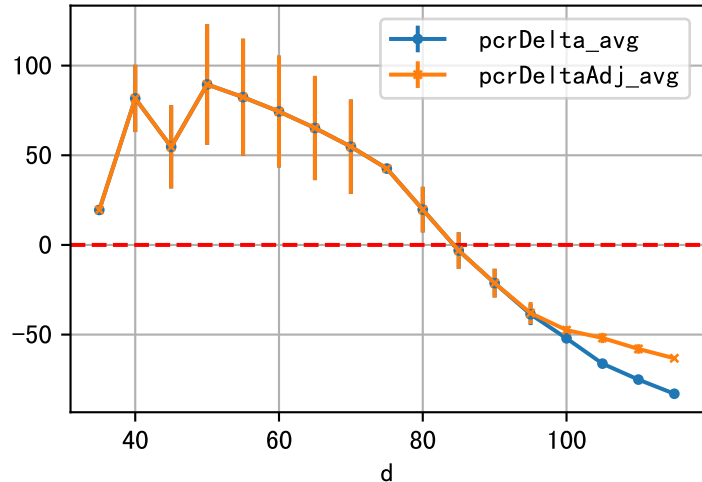


P10AE LfA: D_Est_LfA

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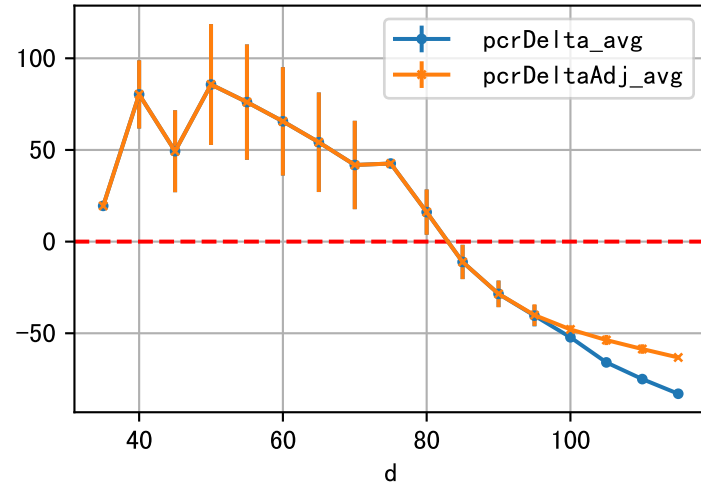


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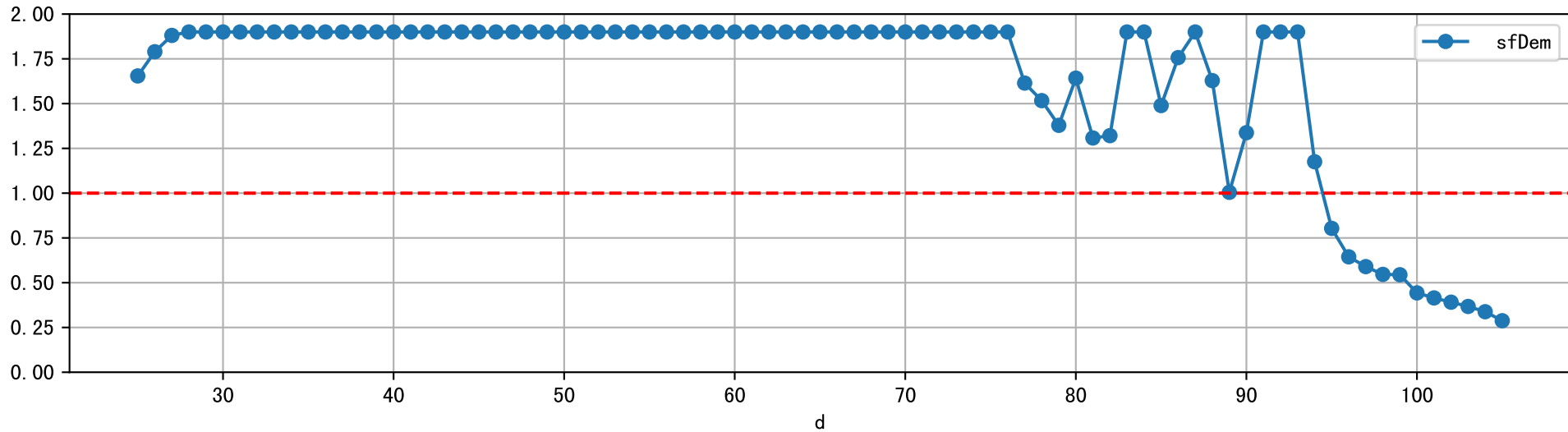


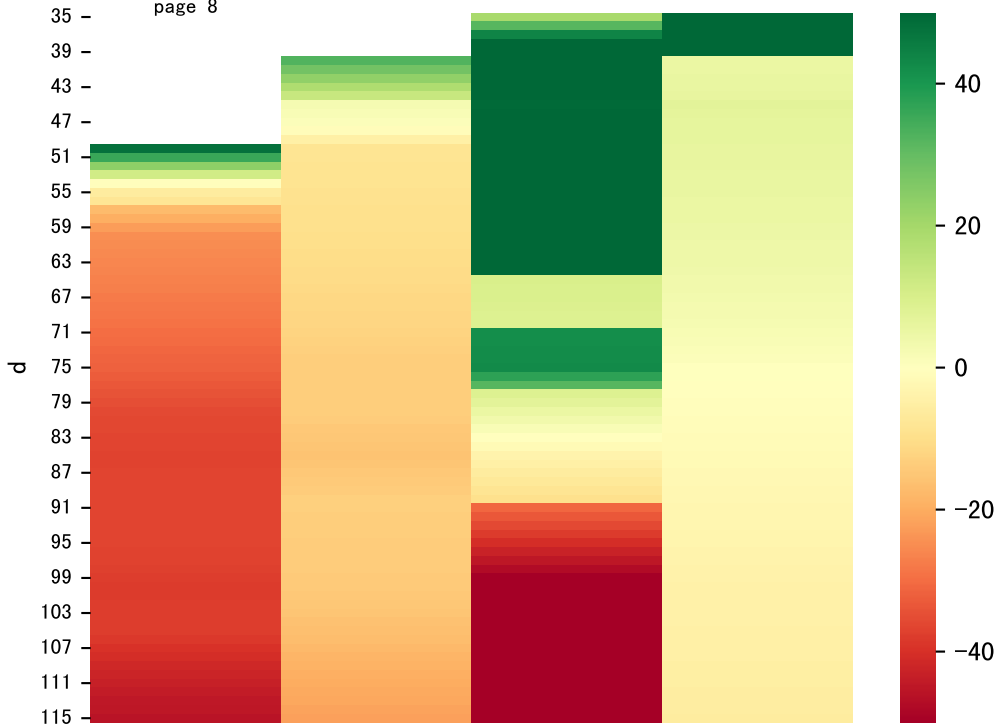
page 6

DeltaTypeAbbr=Wei AvgByD



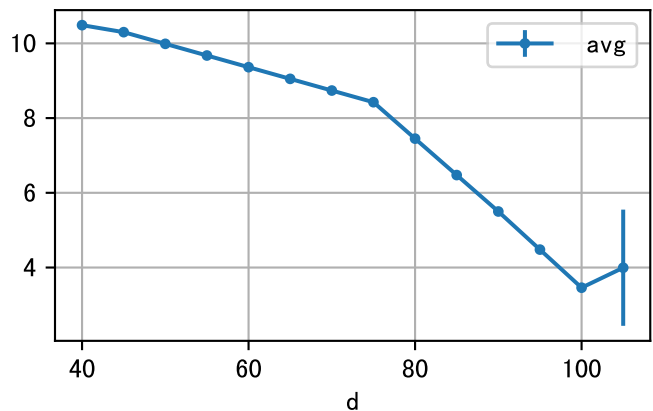
LfA: sfDem



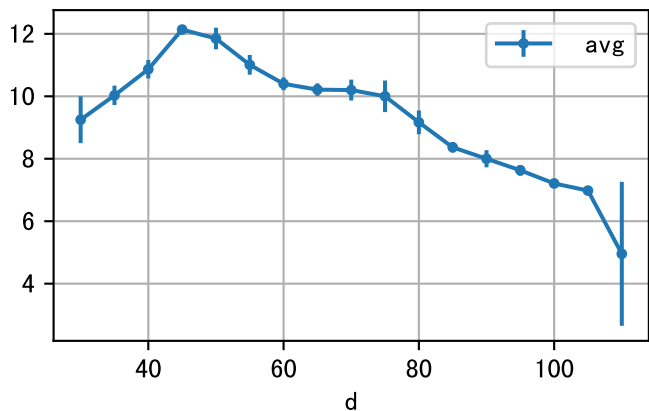


NdD: avg vs. d at each age group

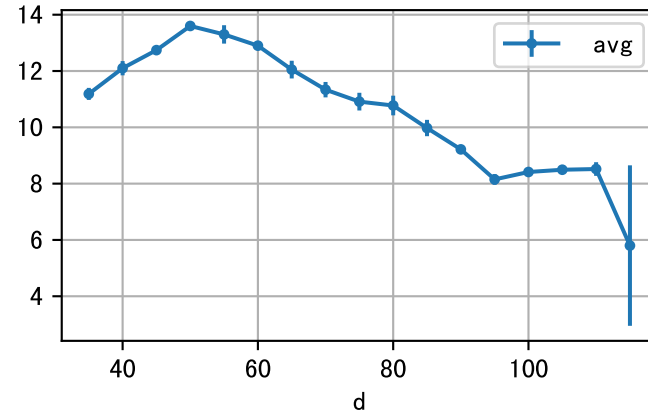
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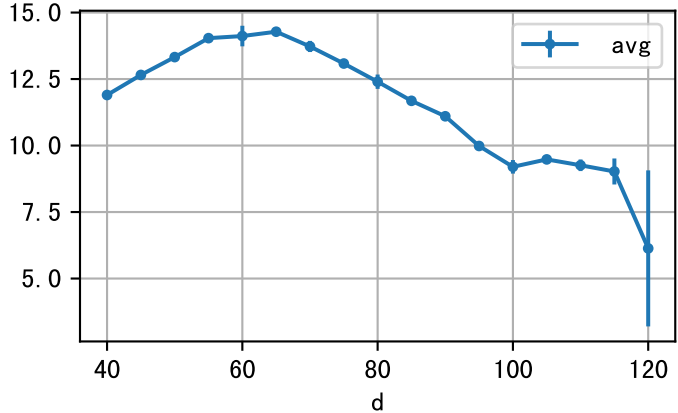
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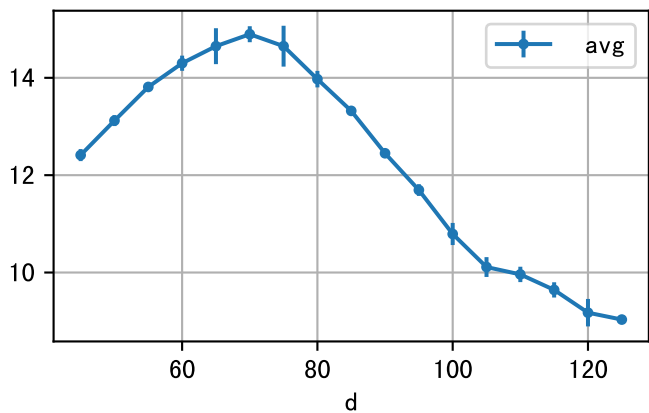
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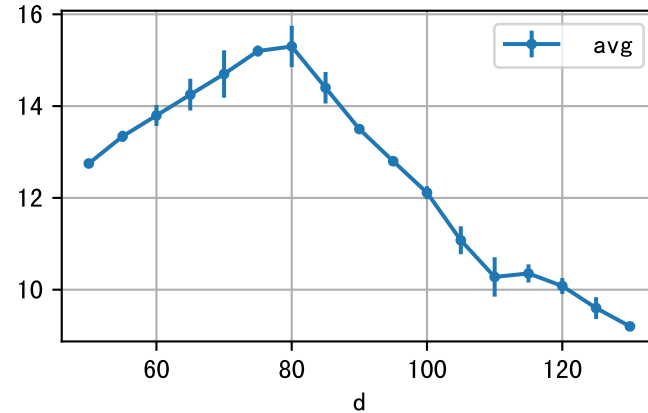
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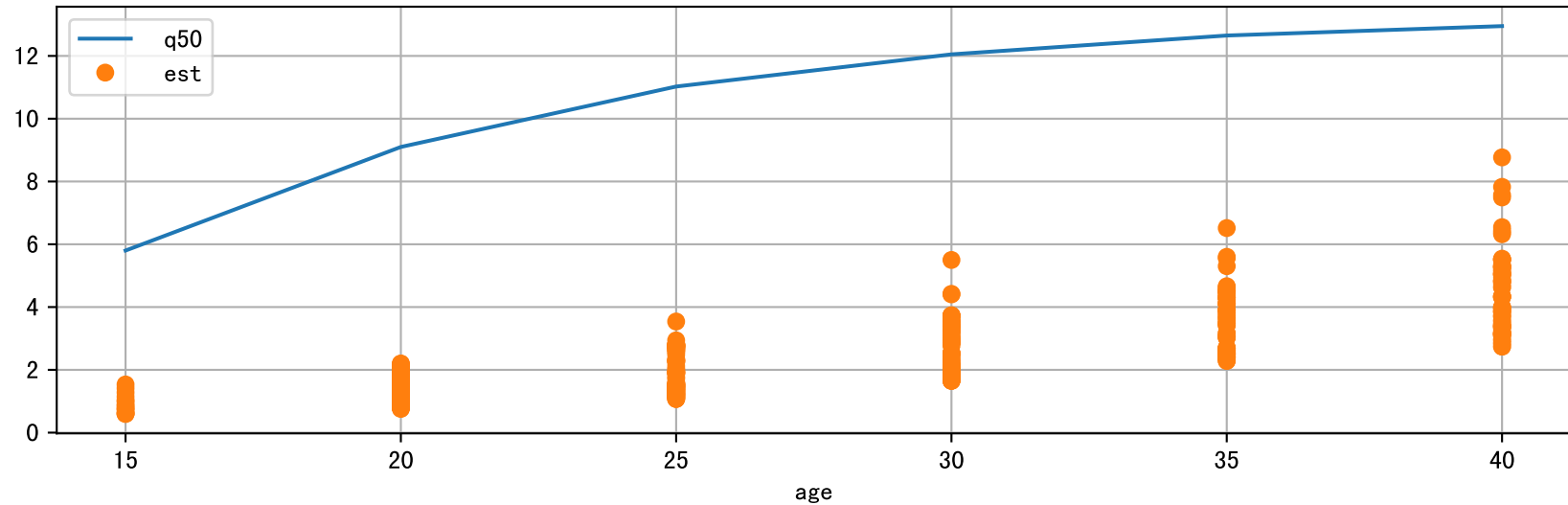
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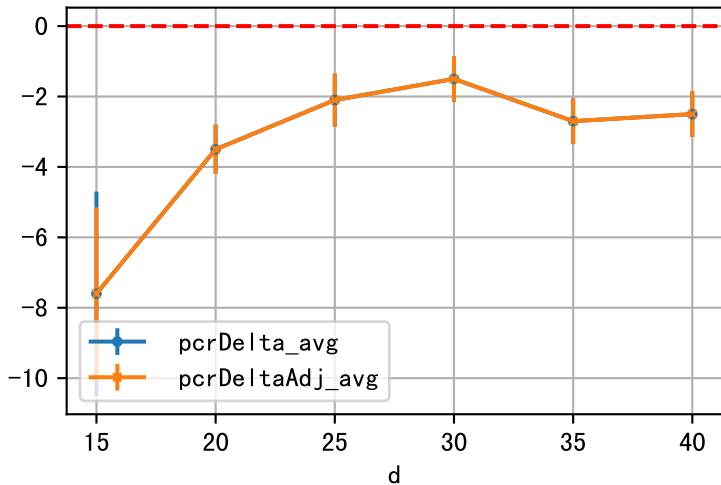
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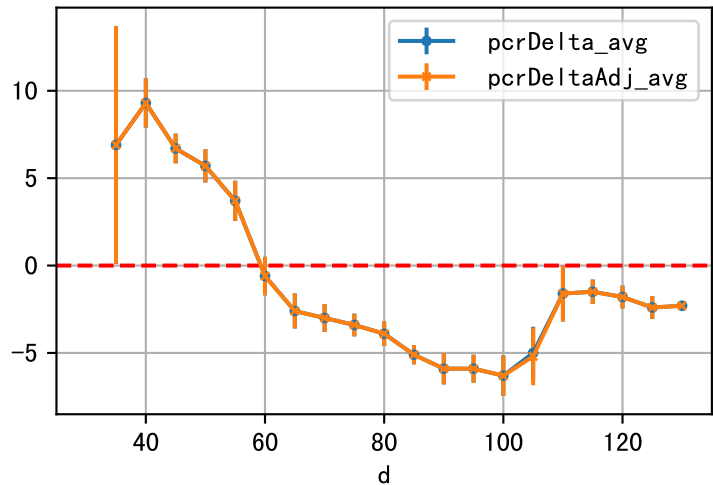
NdD: model est vs obs0v@Q50



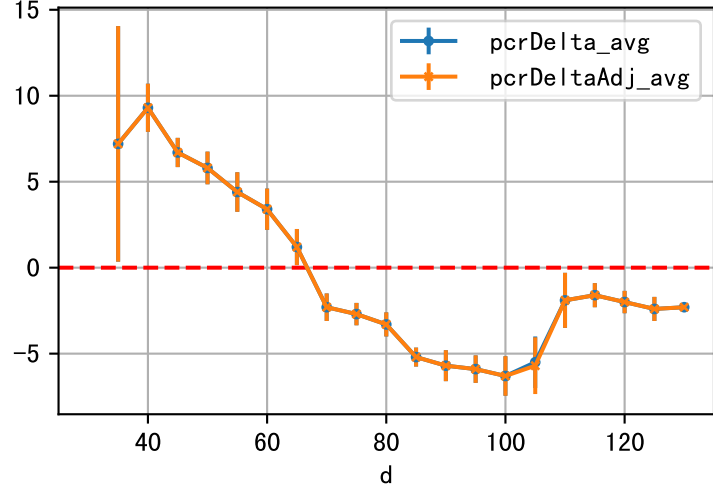
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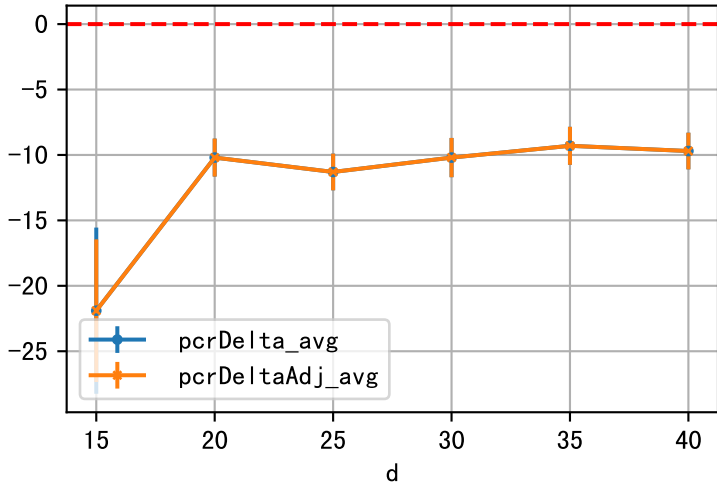
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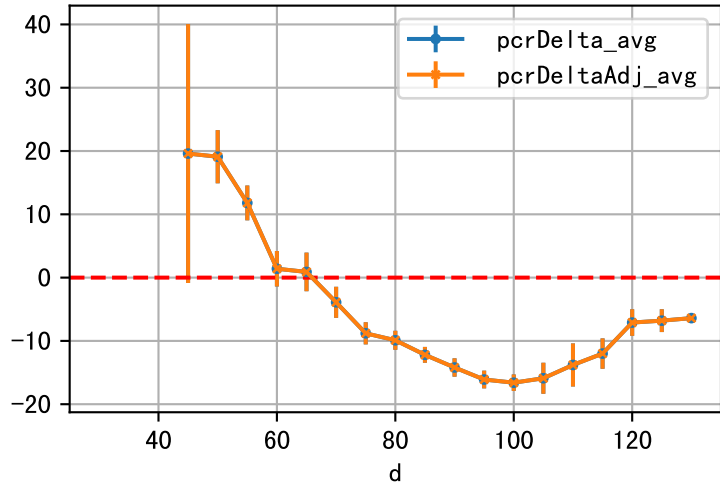
DeltaTypeAbbr=Wei AvgByD



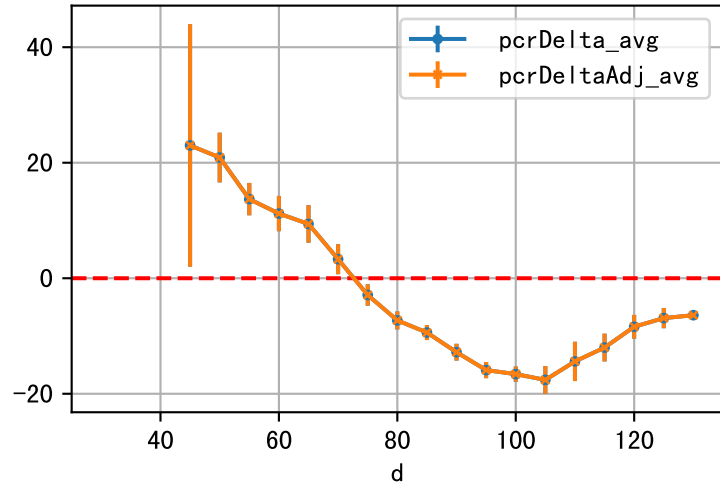
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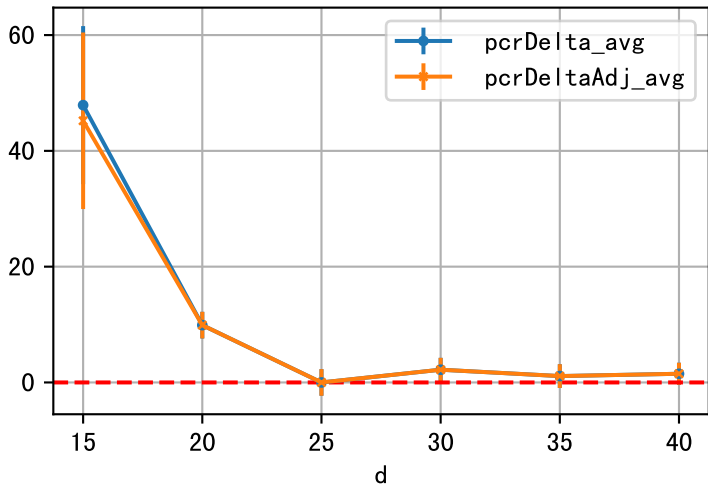
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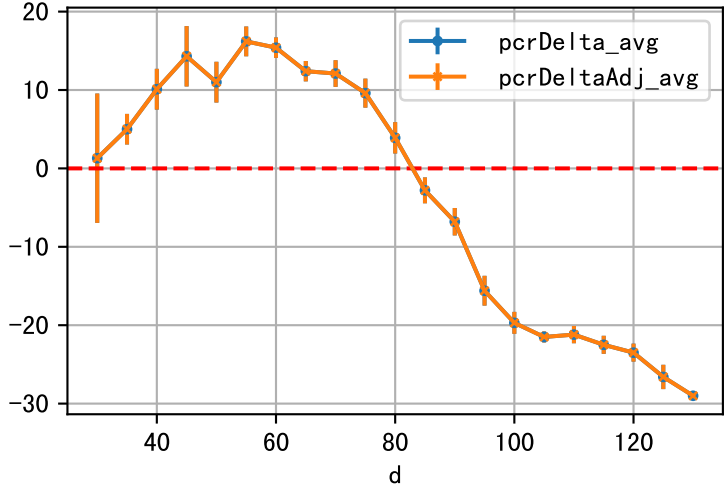
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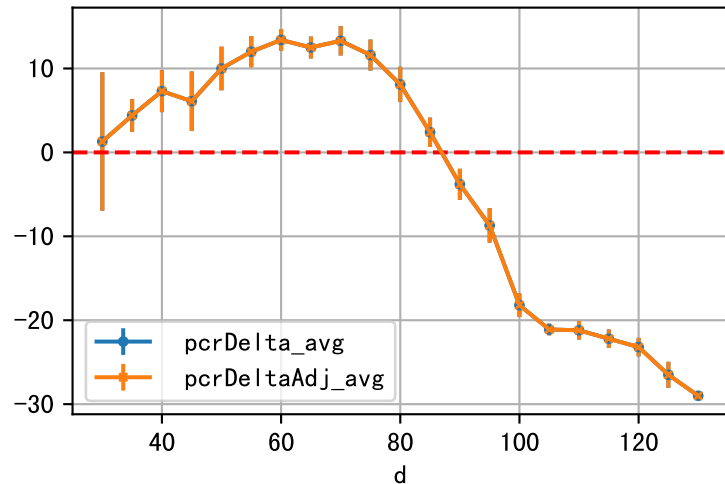


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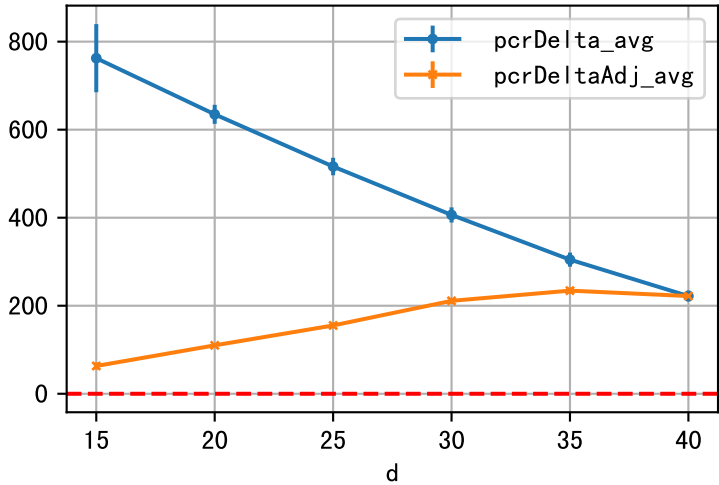
page 13

DeltaTypeAbbr=Wei AvgByD

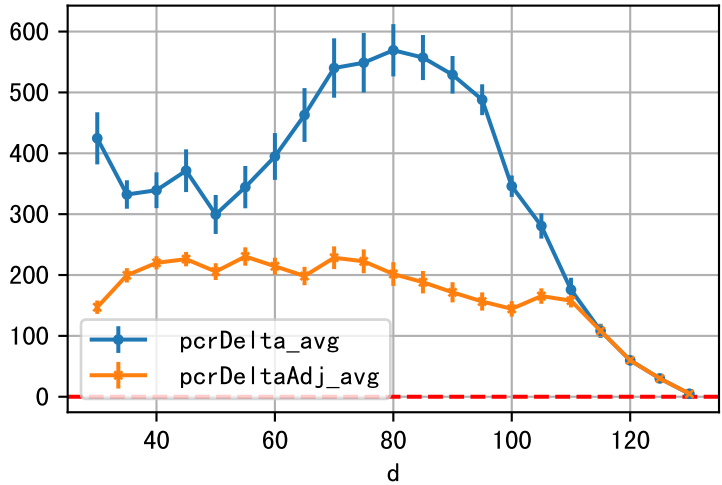


P10AE NdD: D_Est_NdD

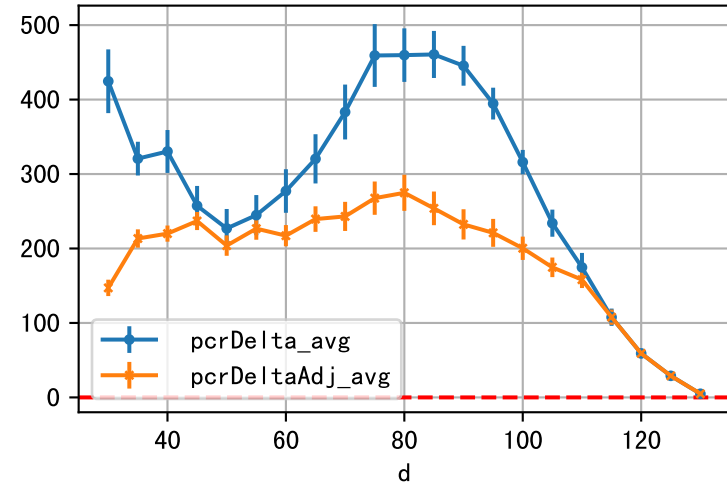
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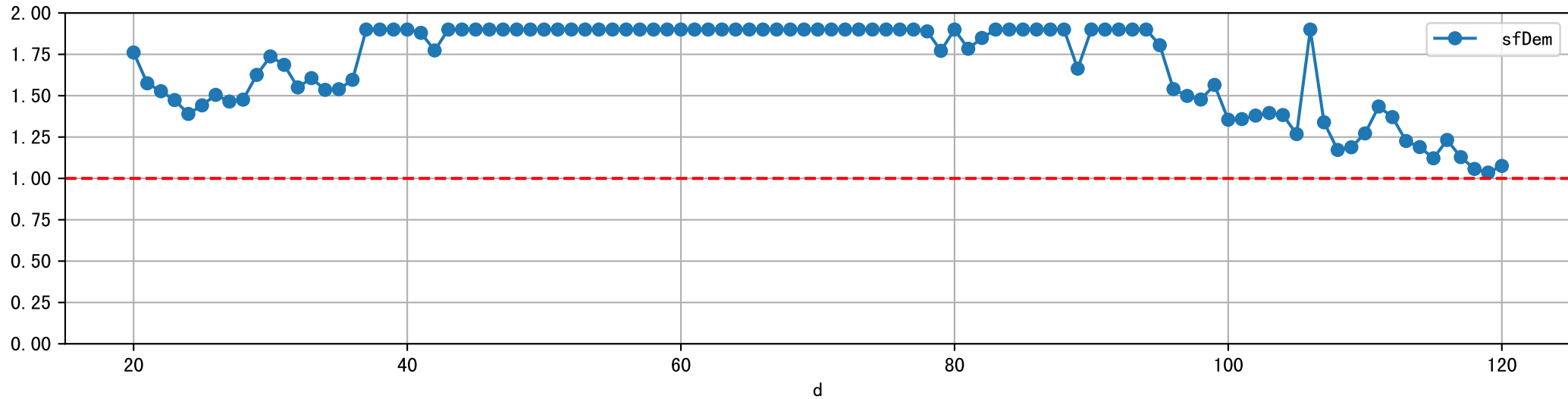
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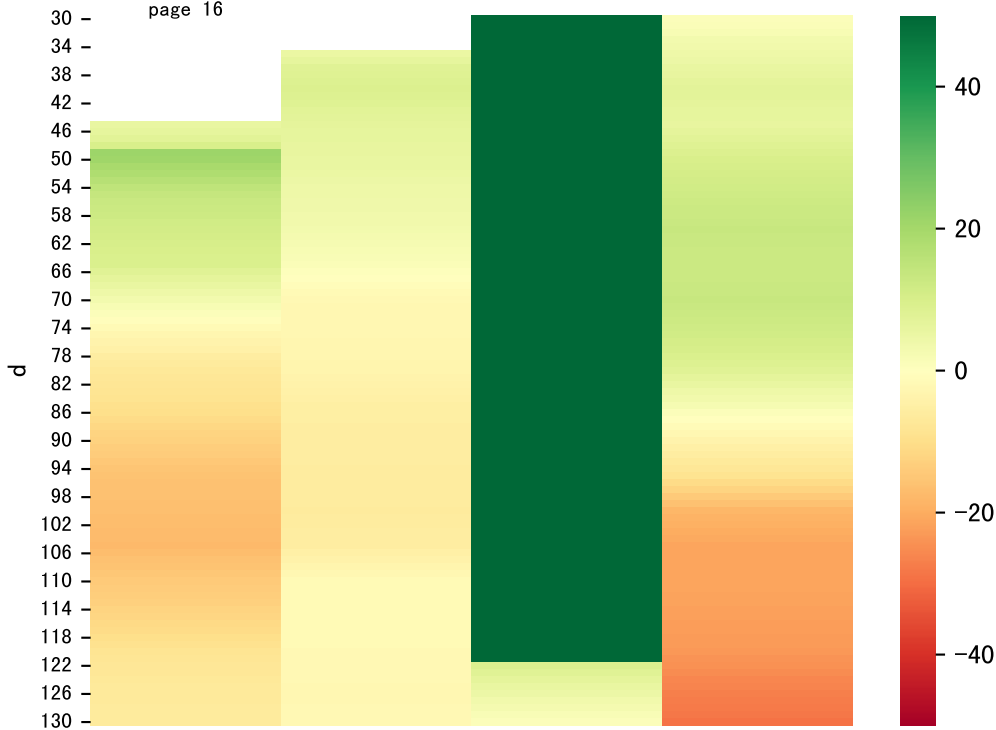


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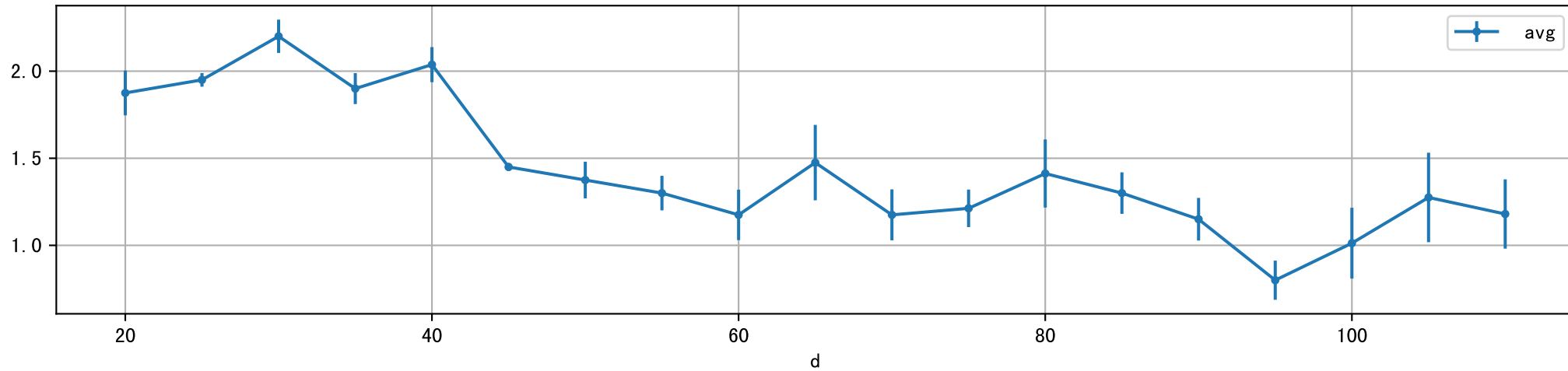


NdD: sfDem

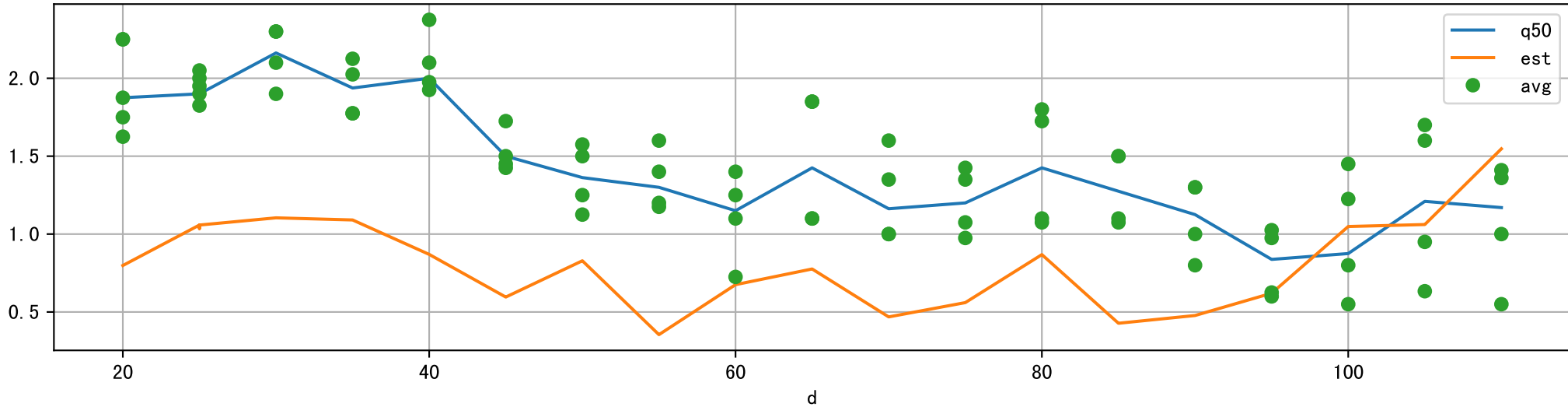




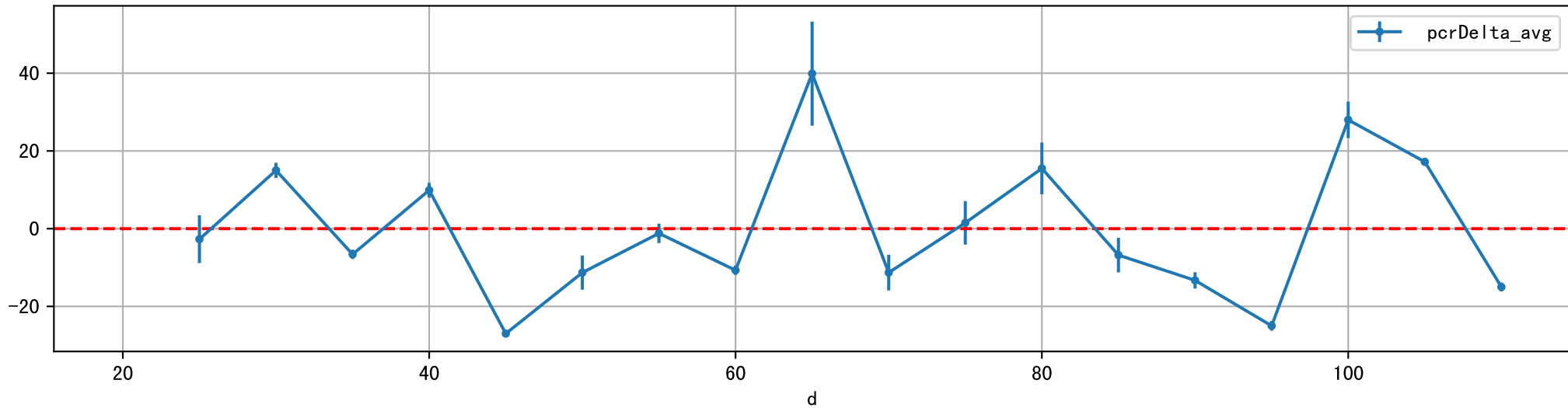
dStH: avg vs. d



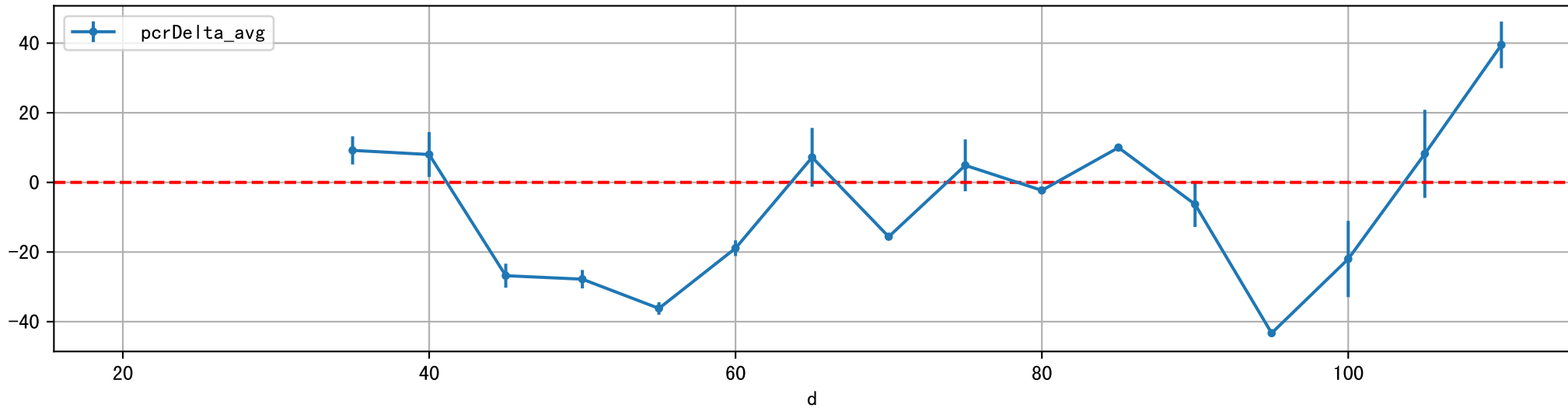
dStH: obsAvg vs obs0v@Q50



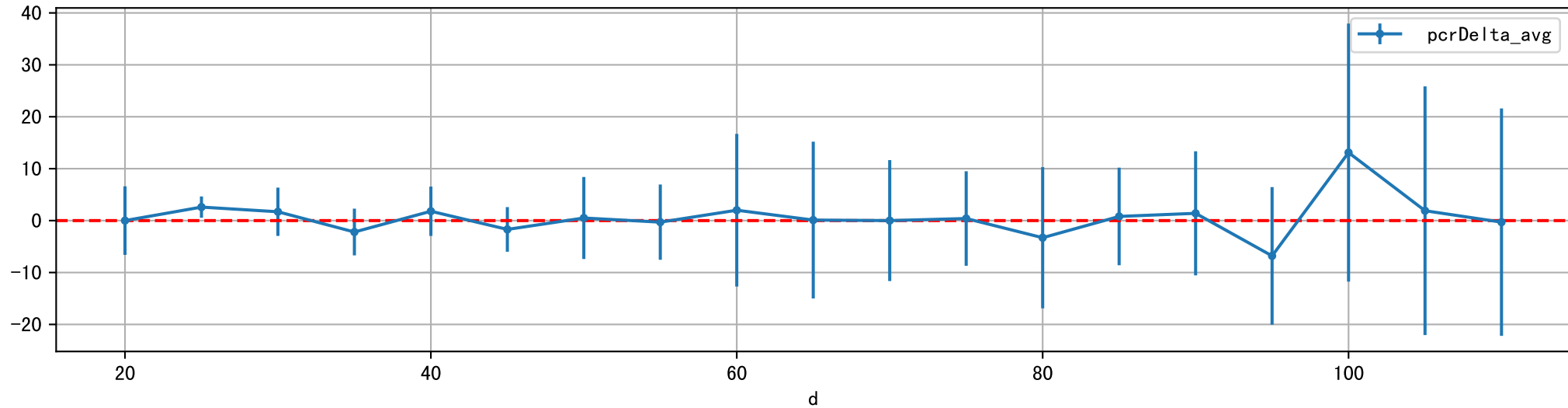
dStH: D_5d_StH



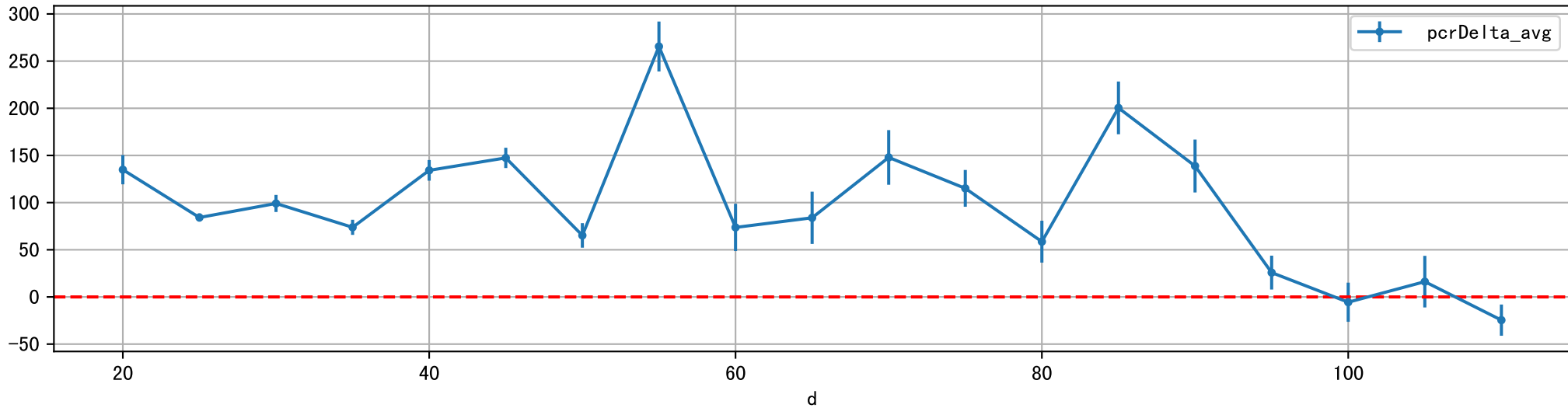
dStH: D_15d_StH



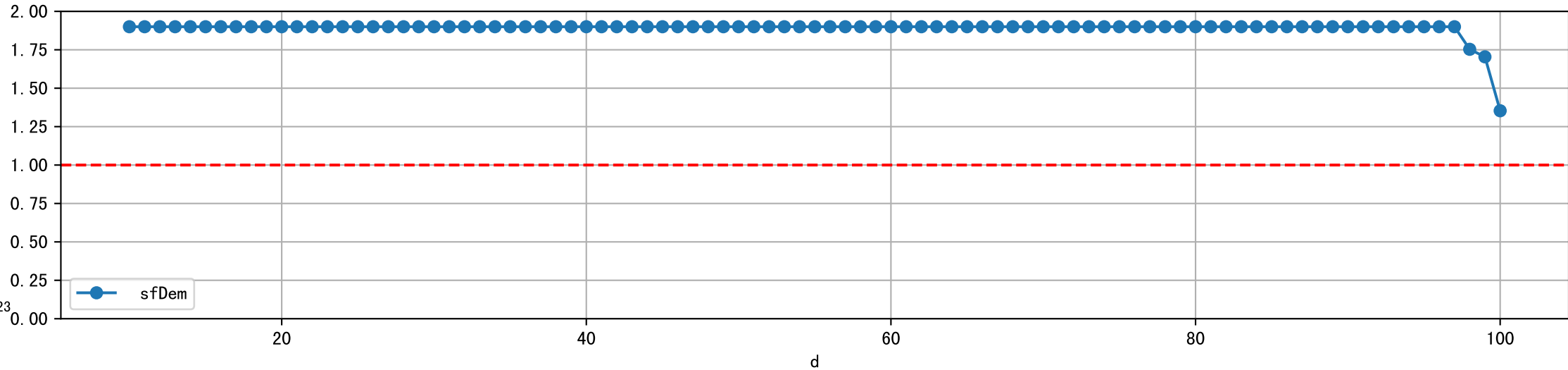
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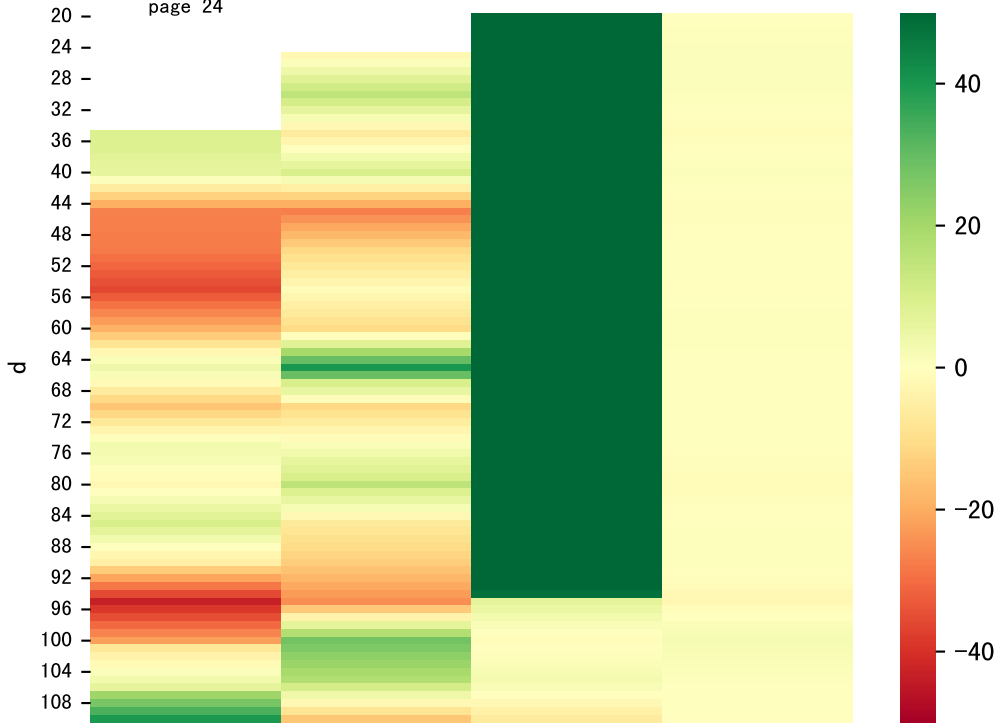


dStH: D_Est_StH



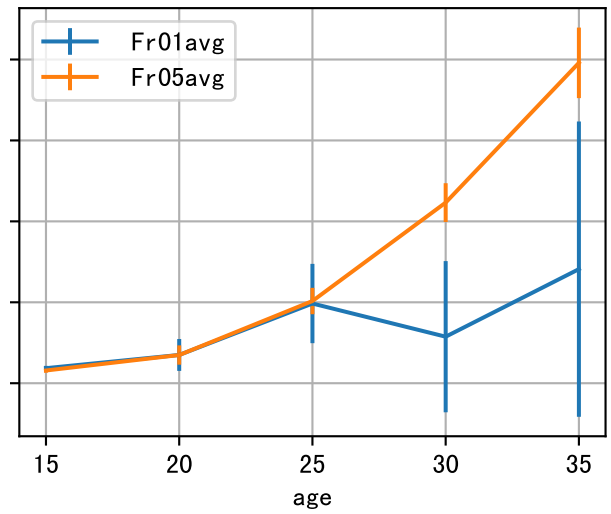
dStH: sfDem



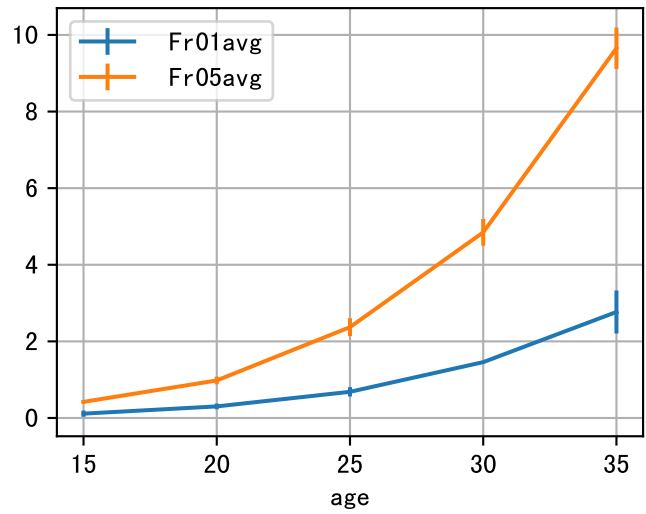


FrV: Fr01 vs Fr05 at each truss

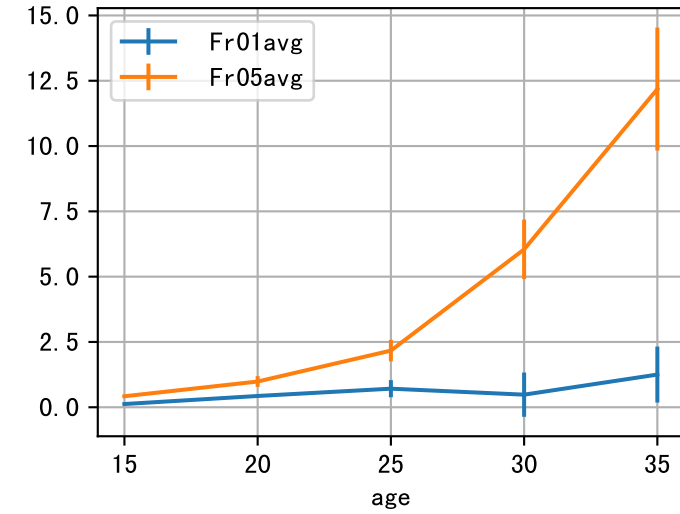
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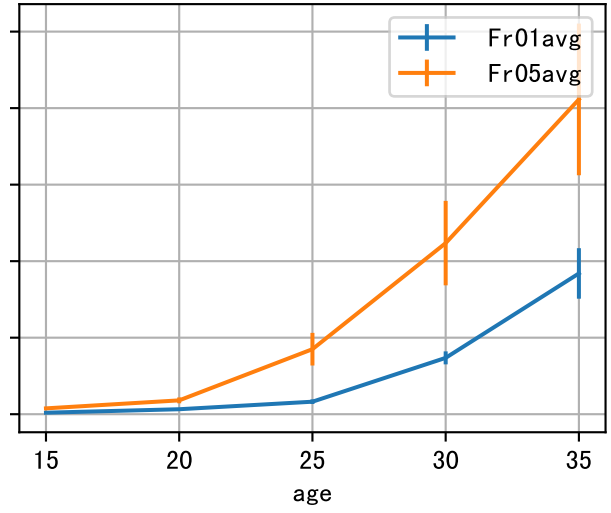
organID=T02



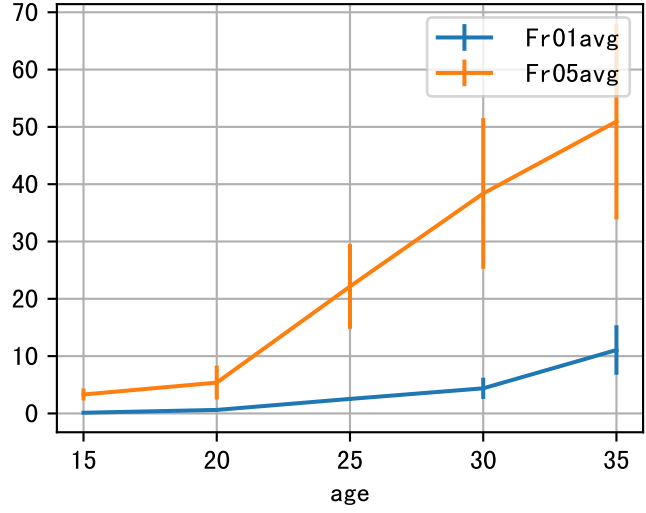
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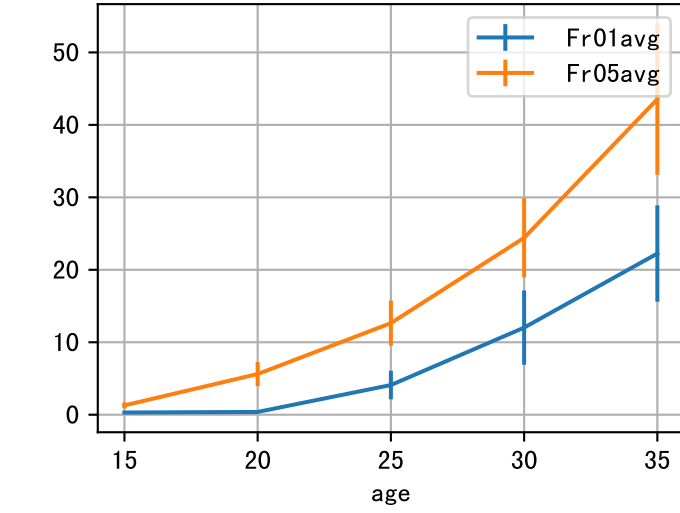
organID=T04



organID=T05

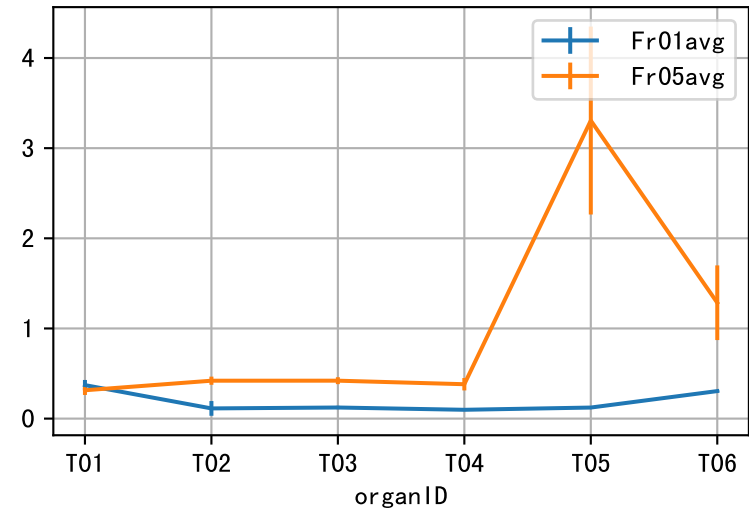


organID=T06

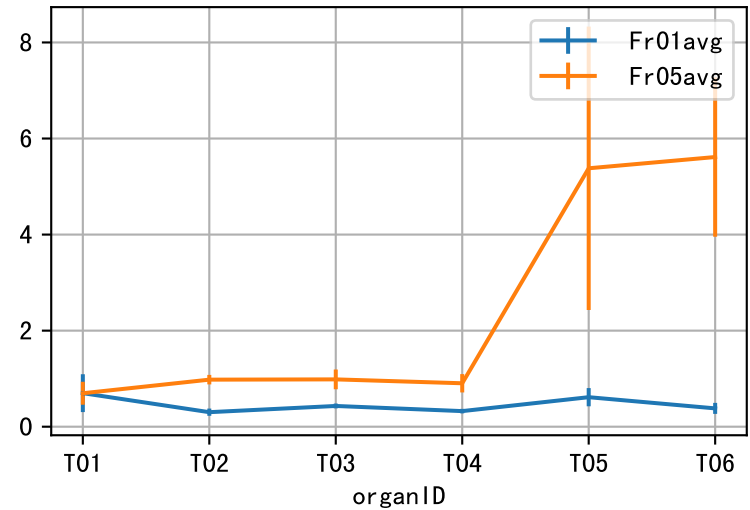


FrV trend at each age

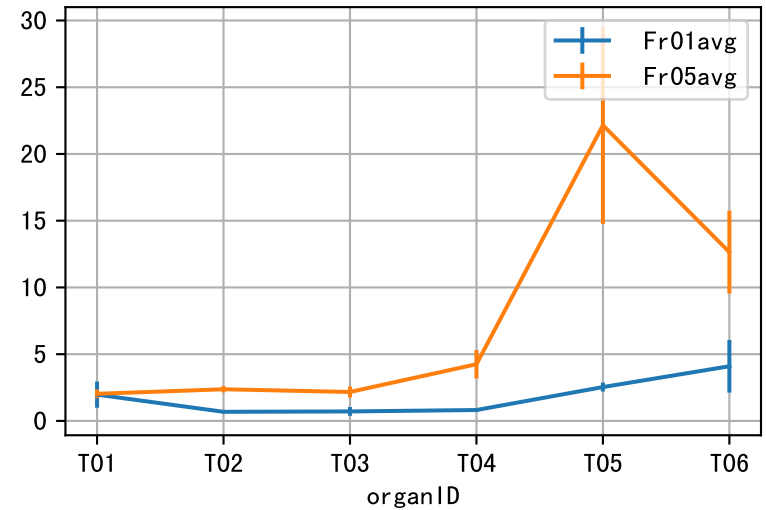
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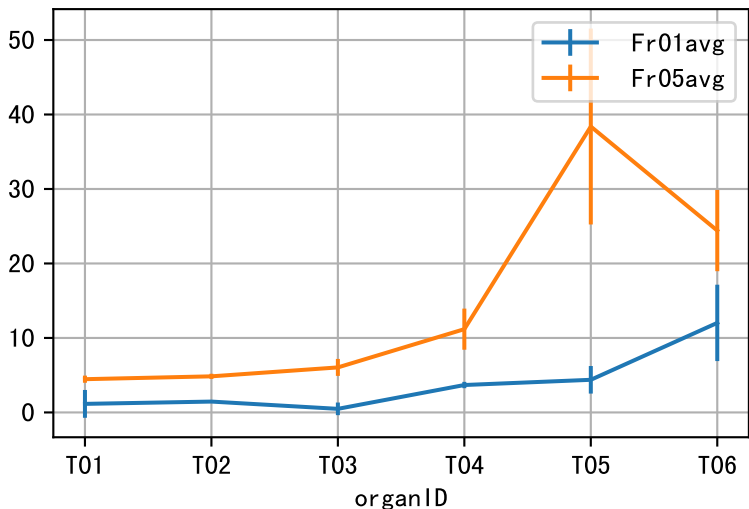
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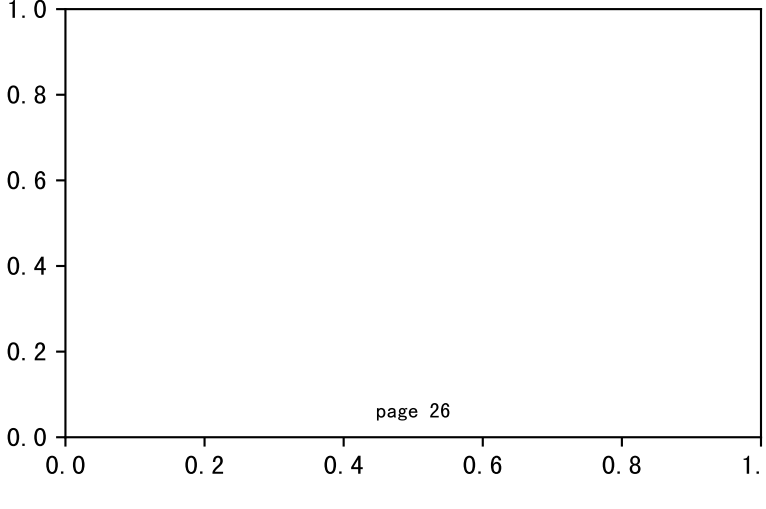
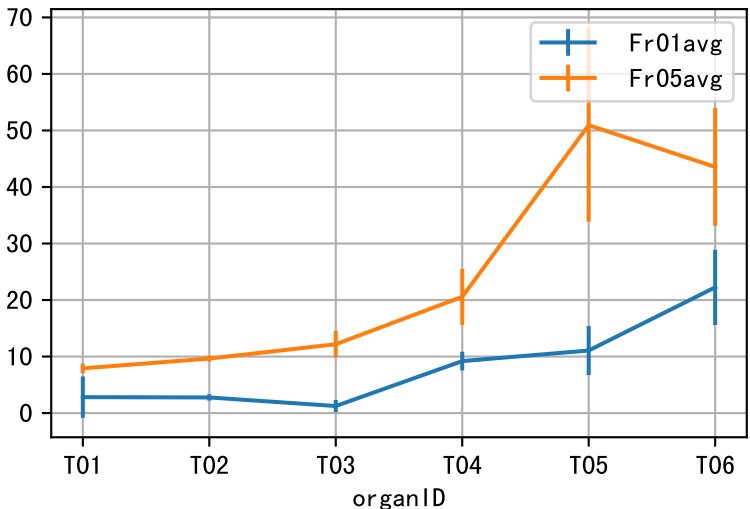
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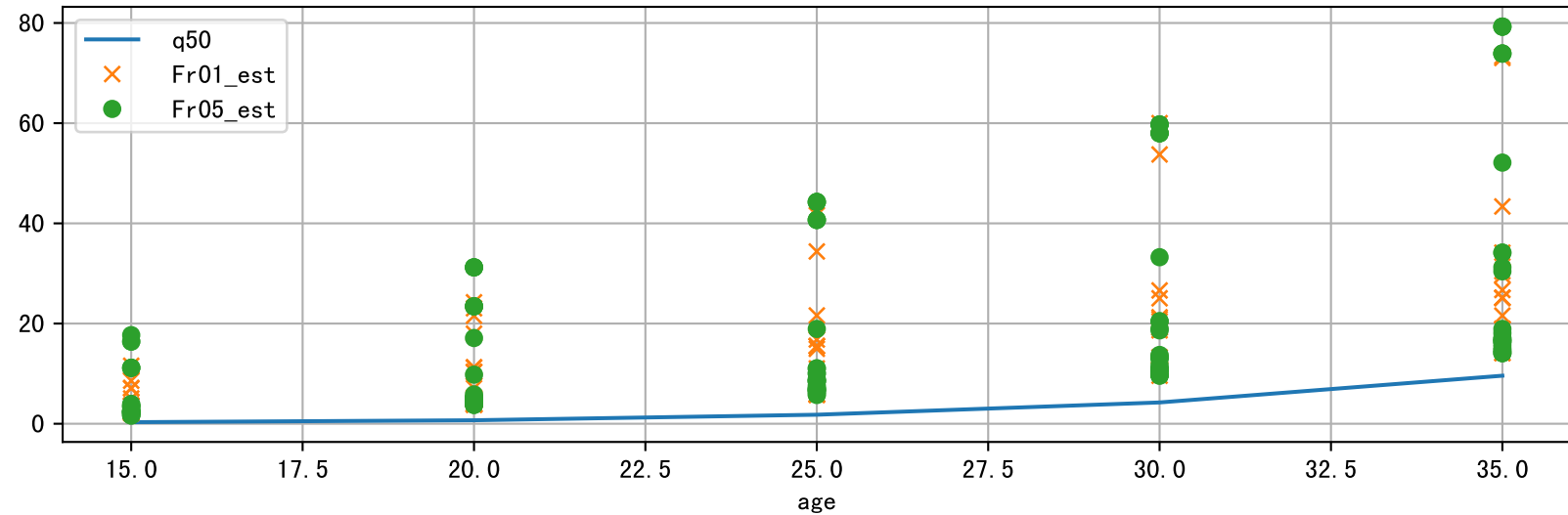
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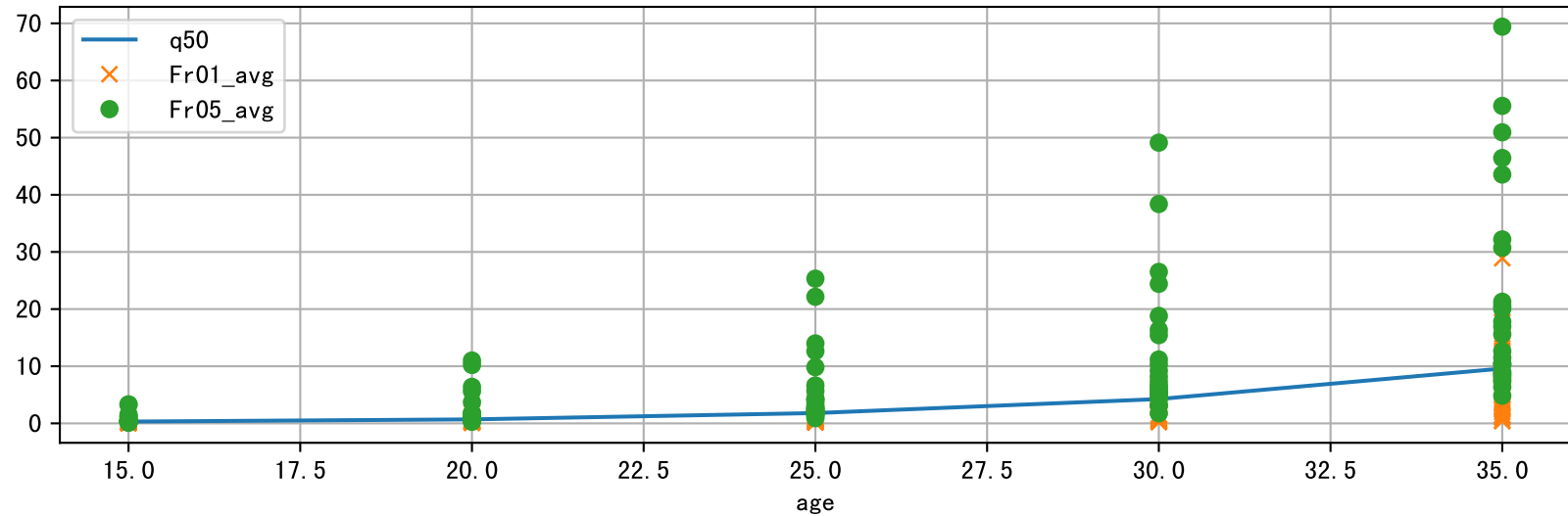
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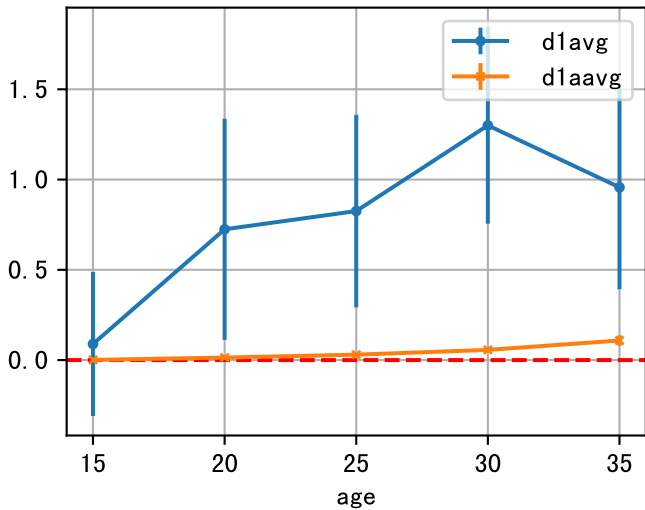
FrV: model Est vs obsFrV at Q90



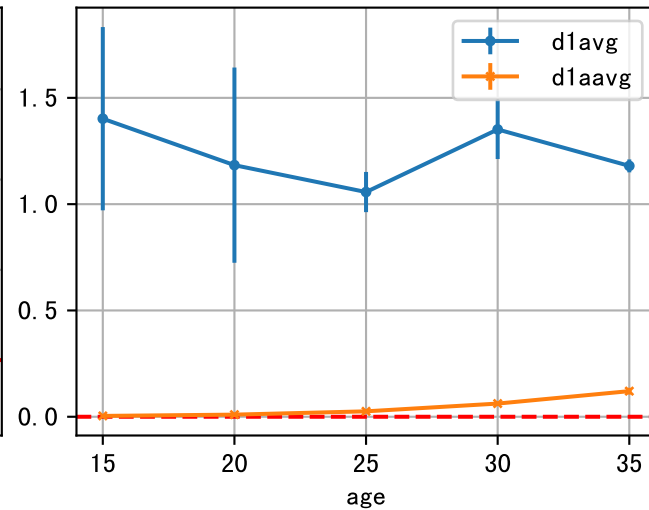
FrV: obsFrV vs obsFrV@Q90



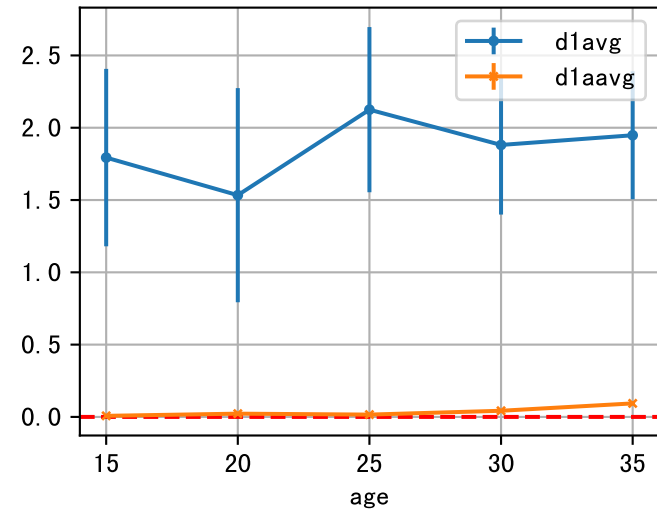
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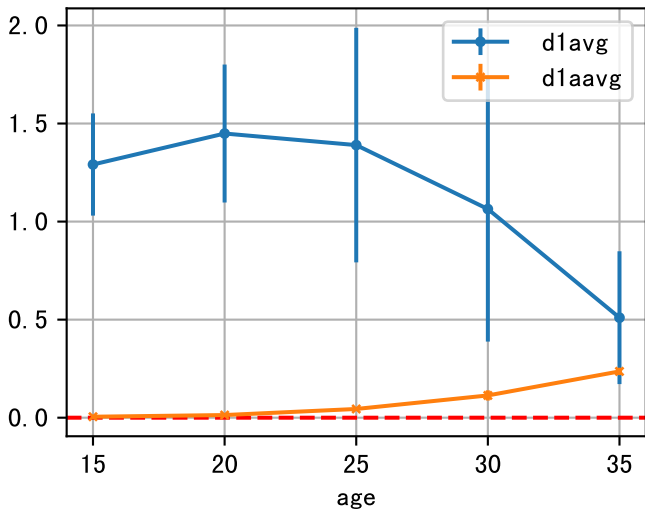
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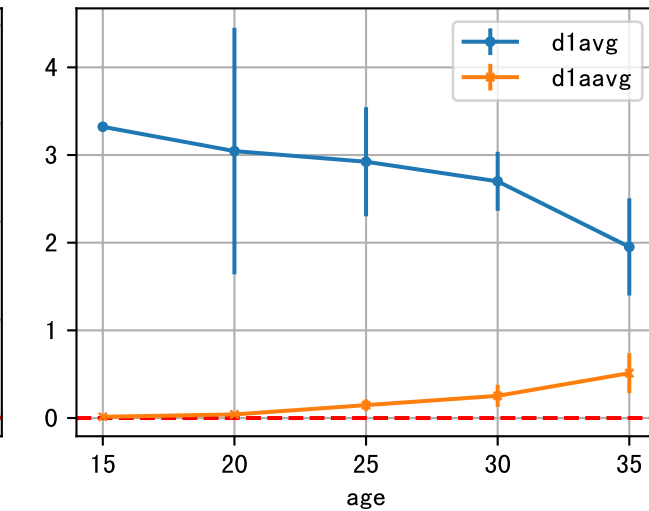
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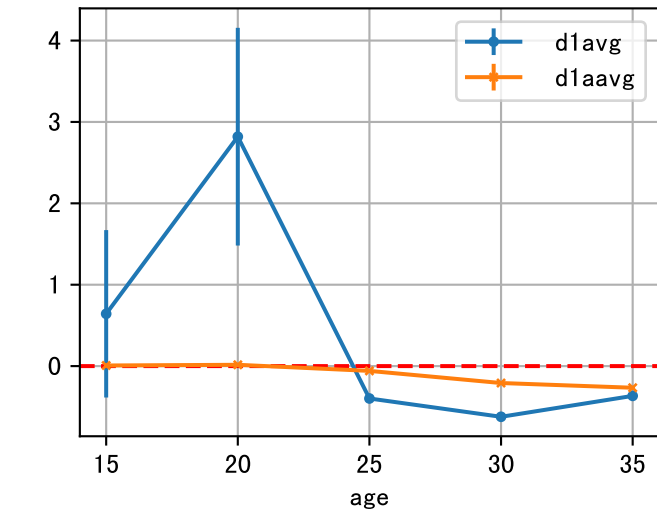
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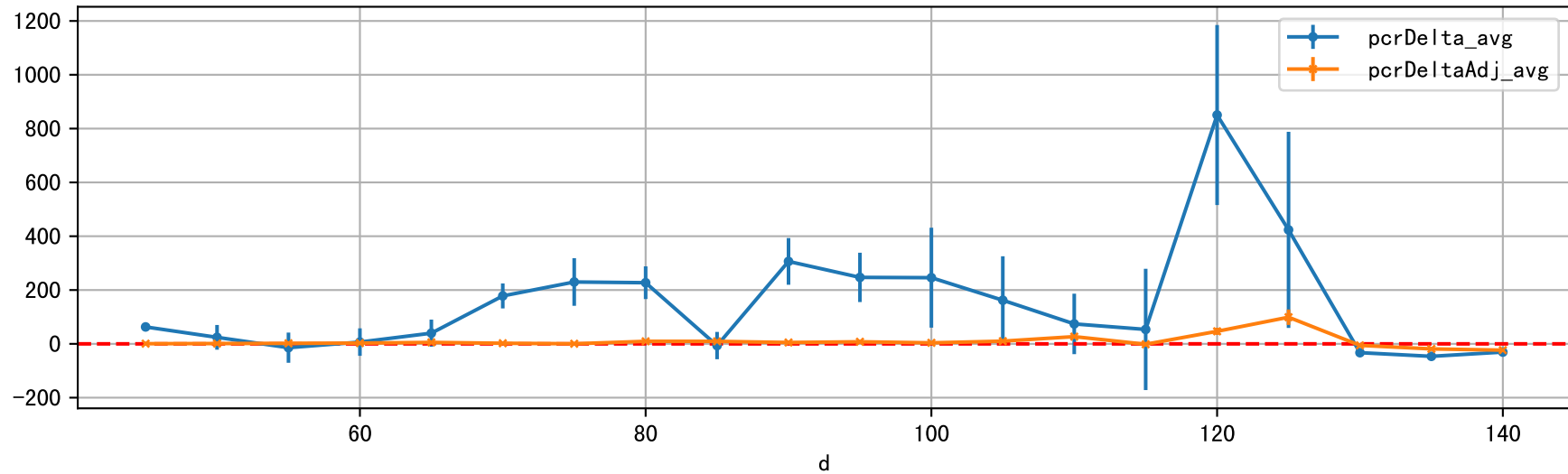
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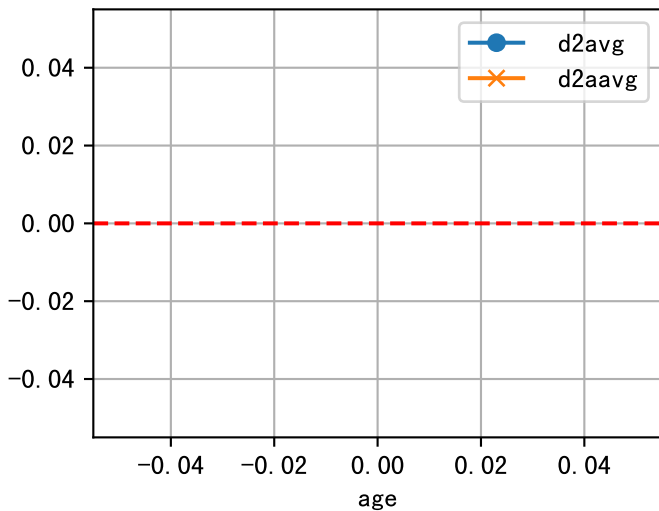
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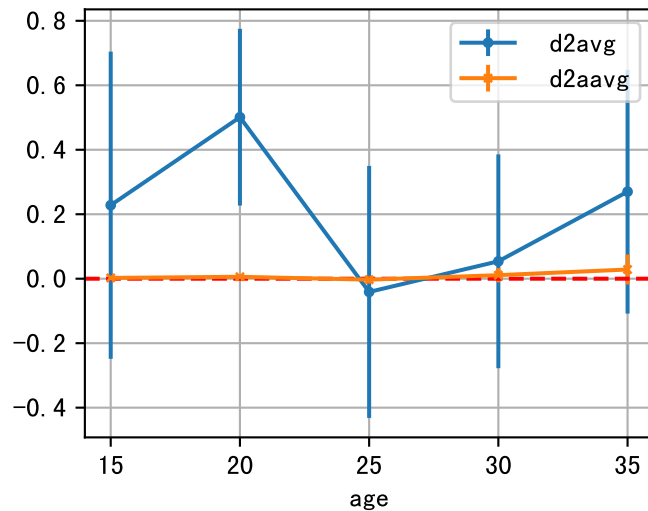
P10AE FrV: D_Fr1_FrV



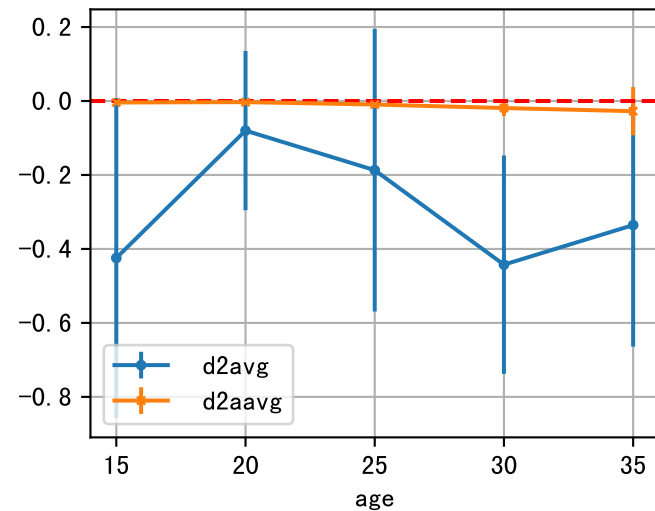
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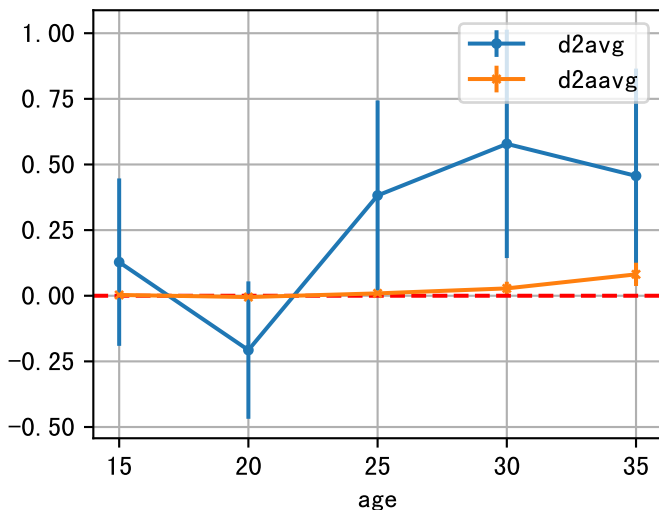
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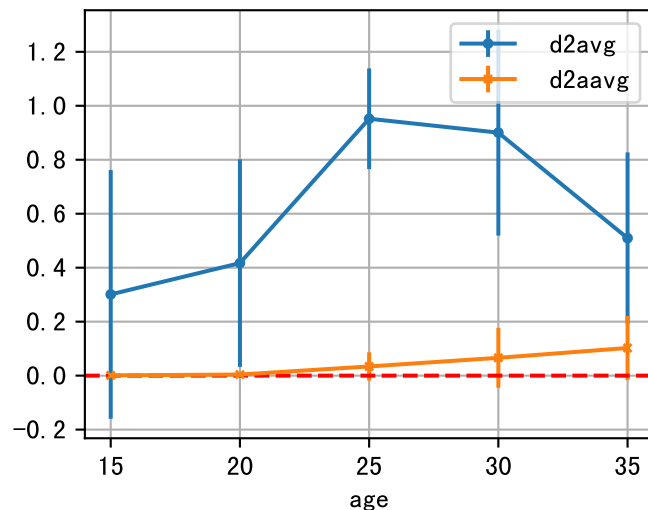
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organID=4

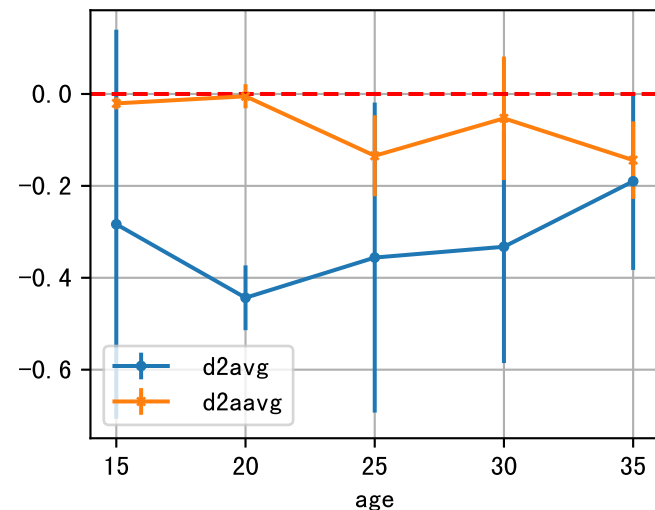


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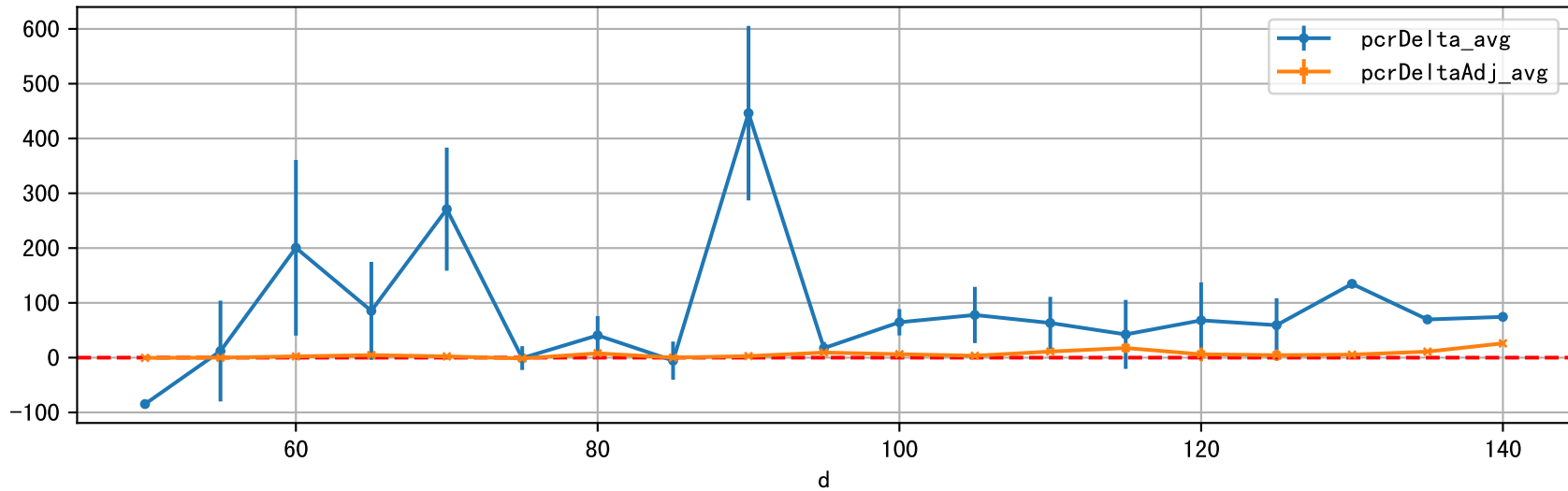


page 31

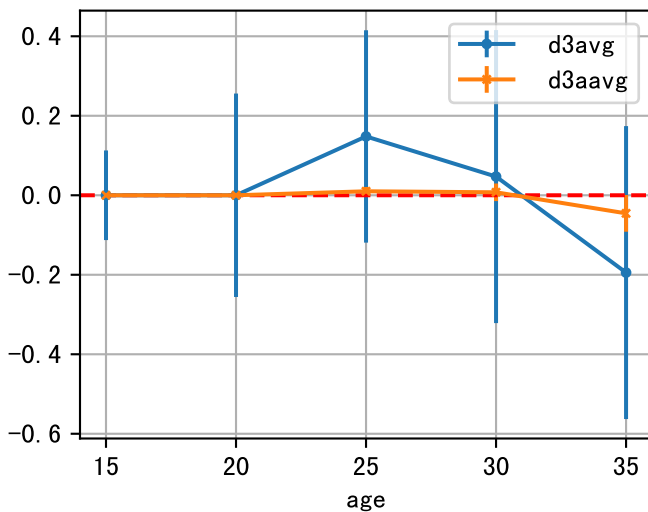
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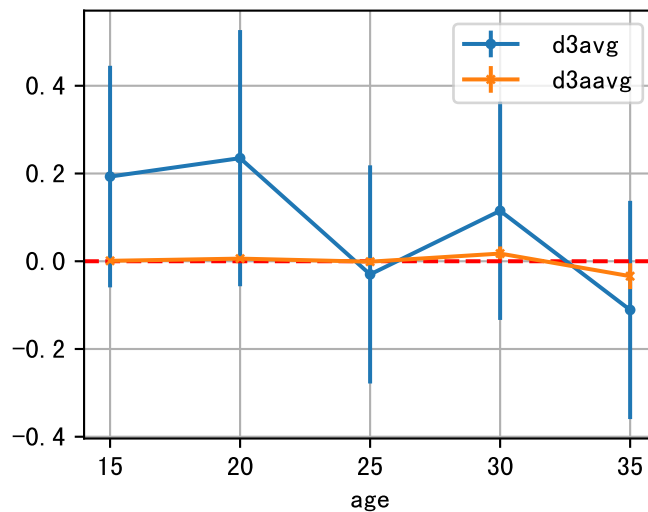
P10AE FrV: D_Ts_FrV



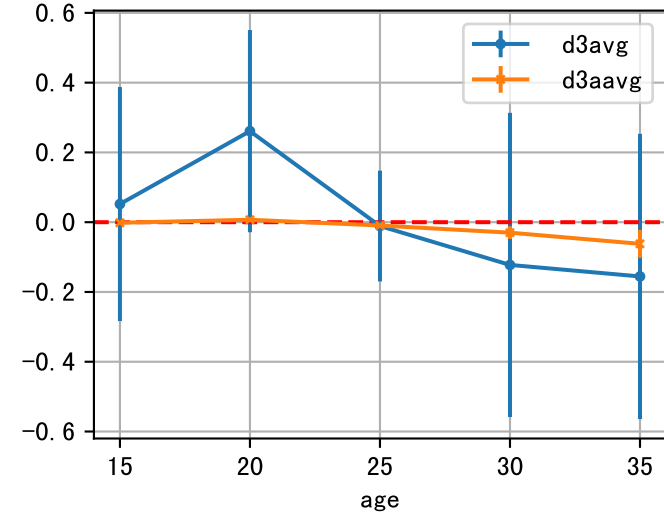
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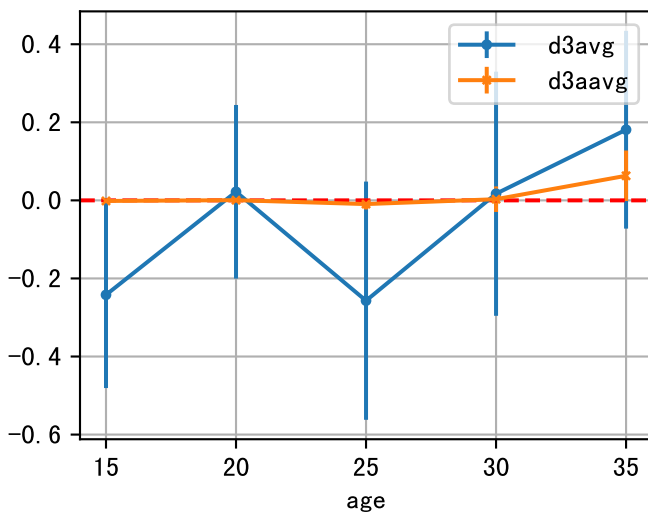
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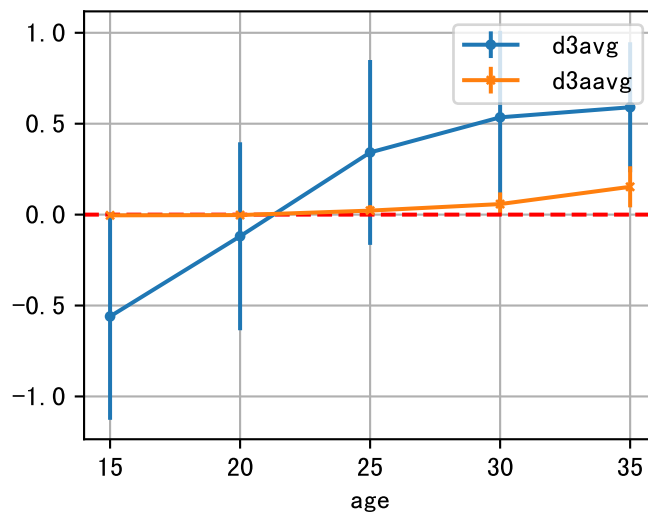
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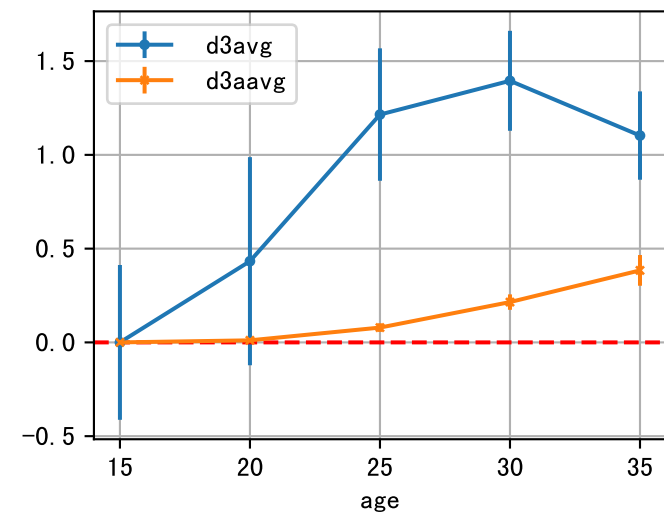
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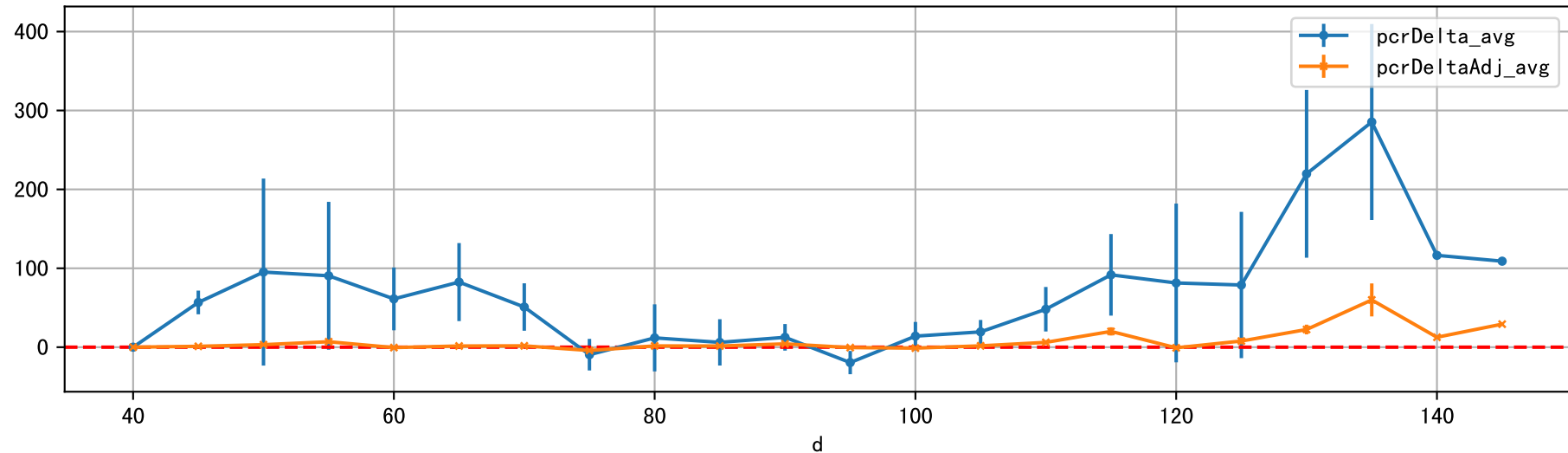
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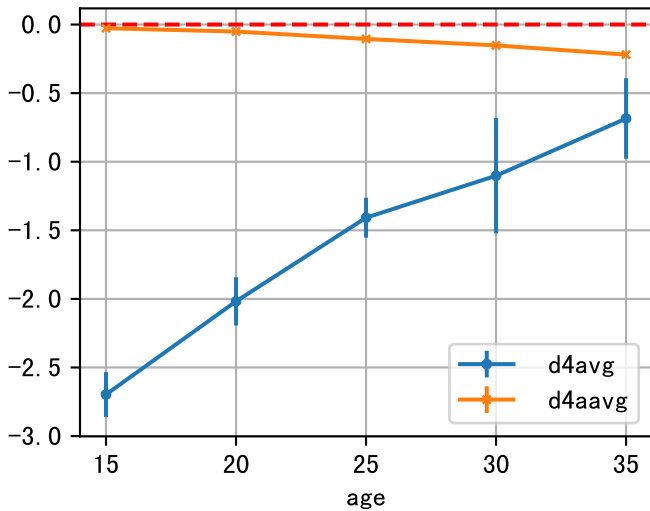
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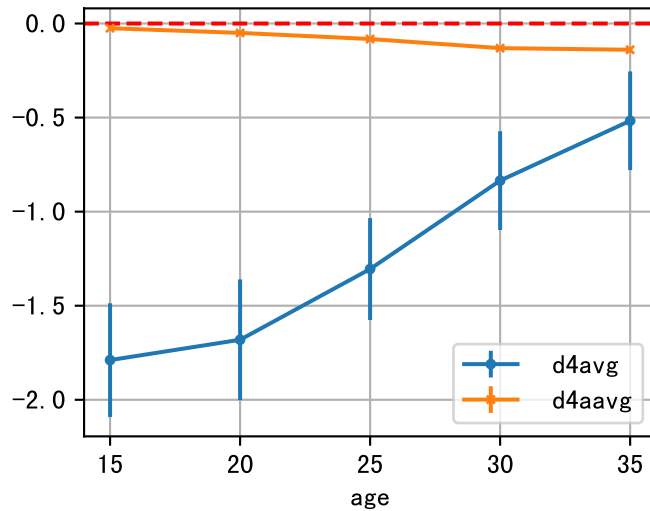
P10AE FrV: D_Q50_FrV



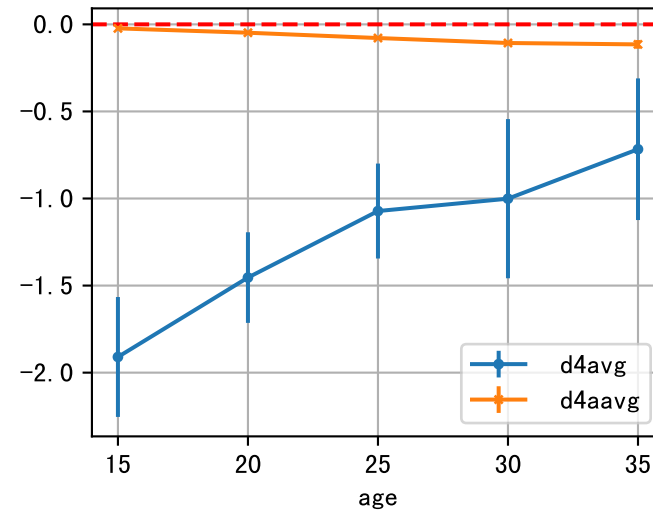
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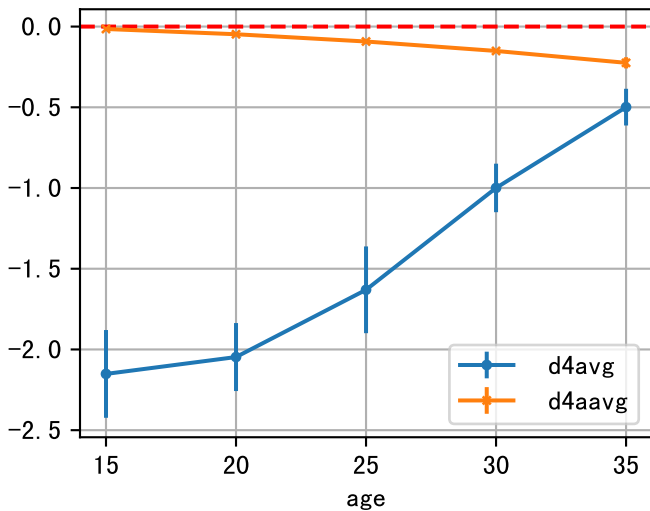
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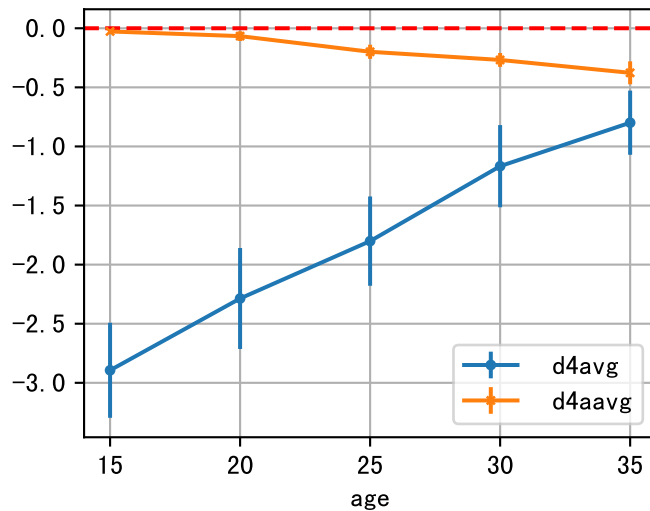
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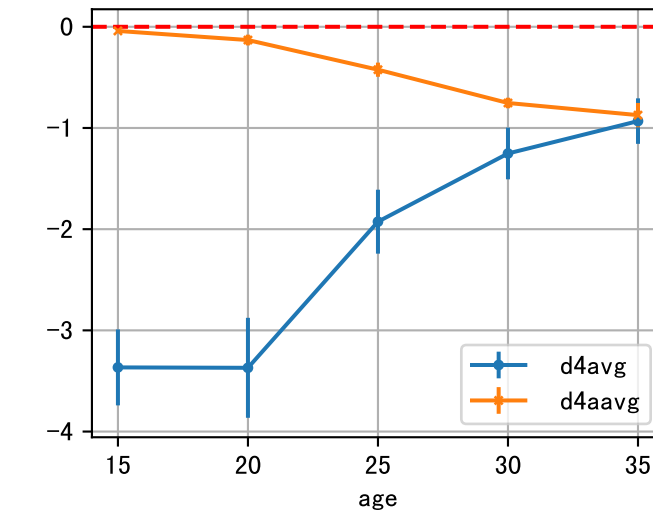


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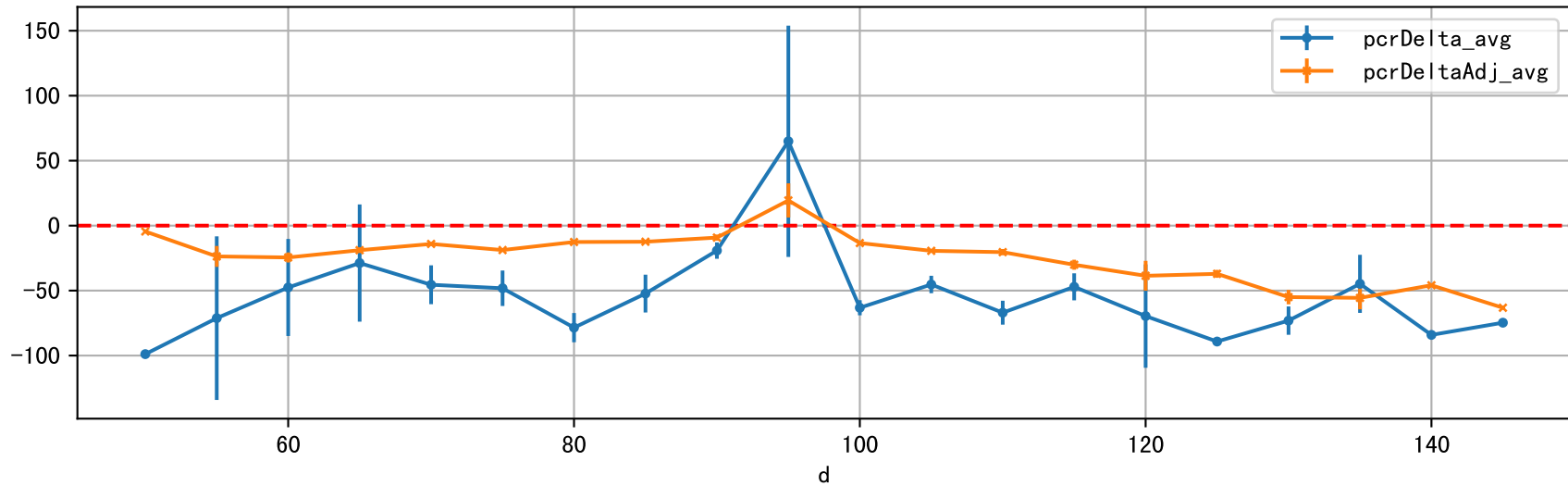


page 35

organID=6



P10AE FrV: D_Est_FrV



P10AE FrV: sfDem

