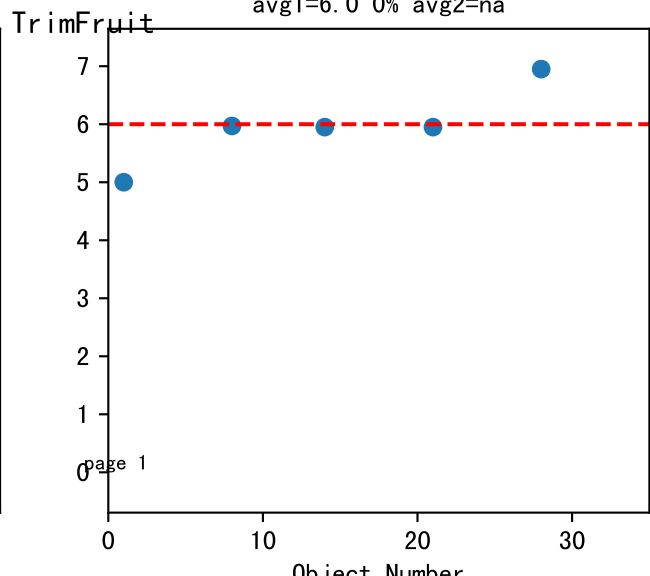
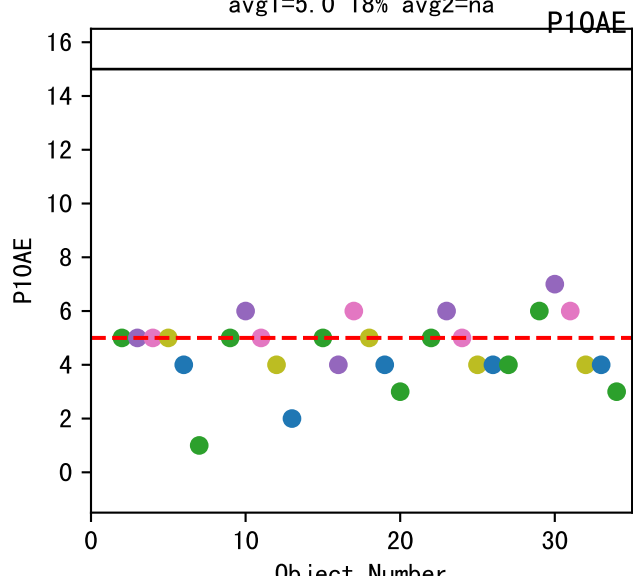


Phenotype Data Analysis Plots
PhenoData day range = 18 - 136
Analysis cutoff day = 136
NC11 P10
2026-03-04 (Day 137)

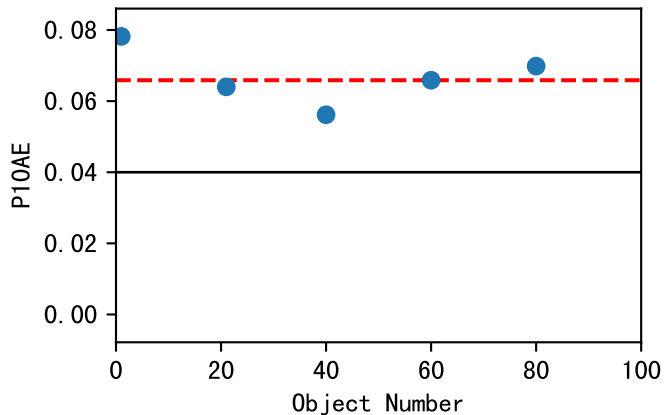
avg1=0.00% avg2=na
P10AE Truss



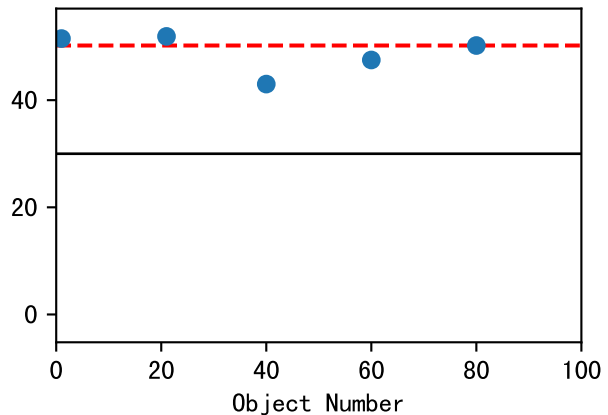
page 1



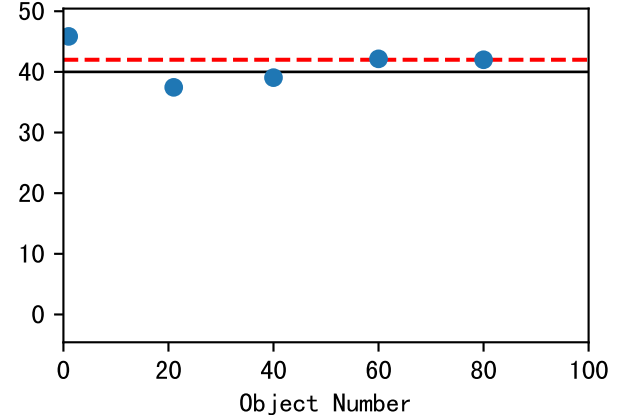
LTA_Q90AbsY (Def=0.04 Set=0.07)
avg1=0.07~12% avg2=na



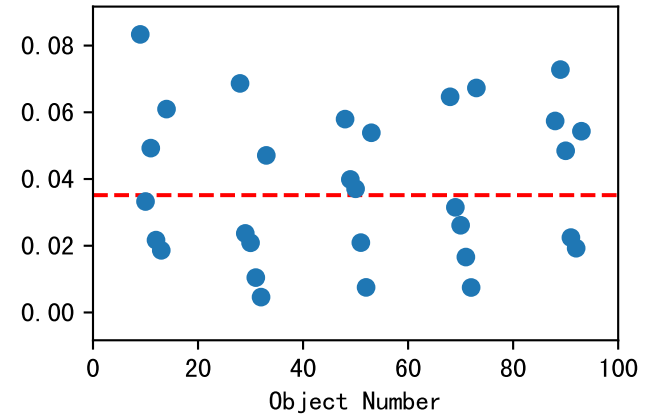
LTW_Q90AbsY (Def=30 Set=30.2)
avg1=50.2~7% avg2=na



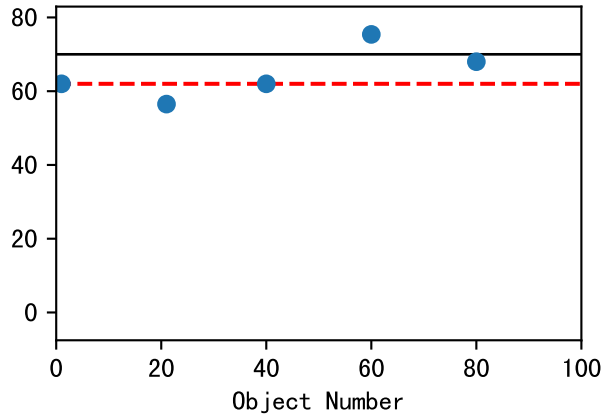
LTL_Q90AbsY (Def=40 Set=42.0)
avg1=42.0~8% avg2=na



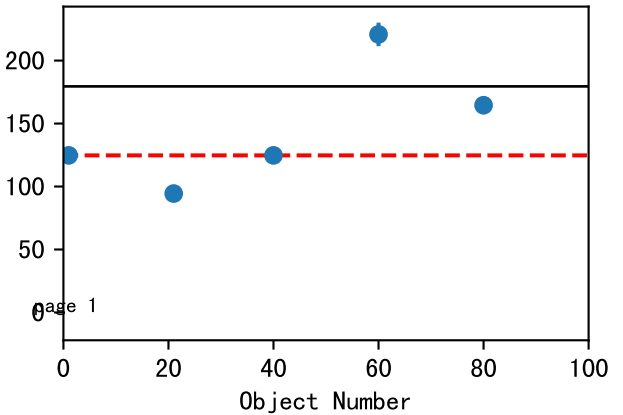
LfA_avgAbsY (Def=na Set=0.04)
avg1=0.04~63% avg2=na



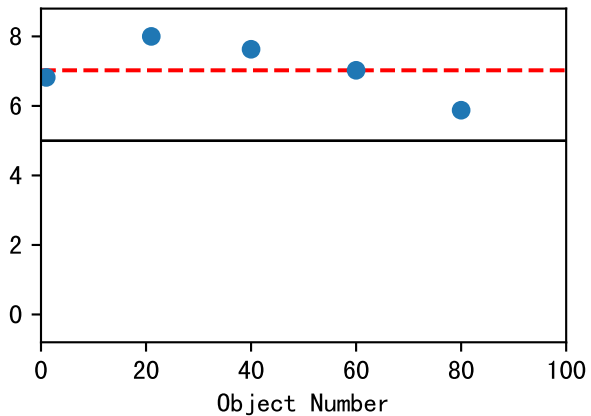
FrD_Q90AbsY (Def=70 Set=62.0)
avg1=62.0~12% avg2=na



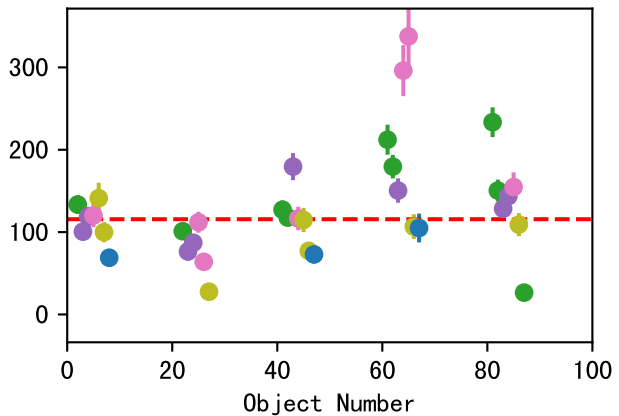
FrV_Q90AbsY (Def=179.5 Set=124.72)
avg1=124.72~39% avg2=na



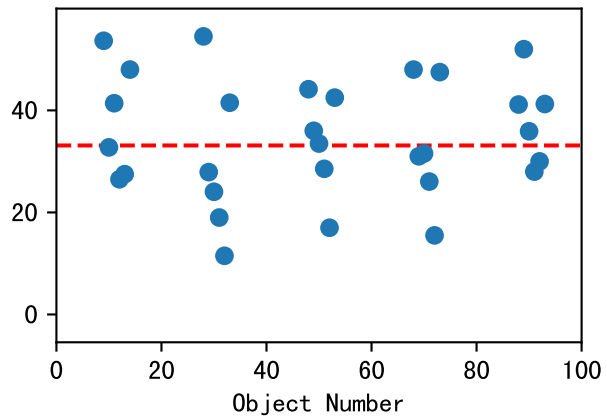
NdL_Q90AbsY (Def=5 Set=7.02)
avg1=7.02~12% avg2=na



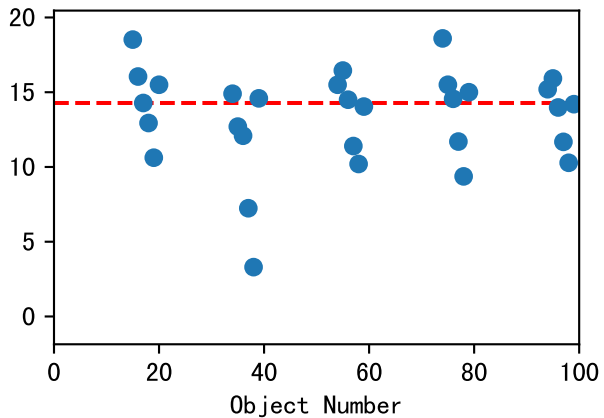
FRV_avgAbsY (Def=na Set=115.65)
avg1=115.65~33% avg2=na



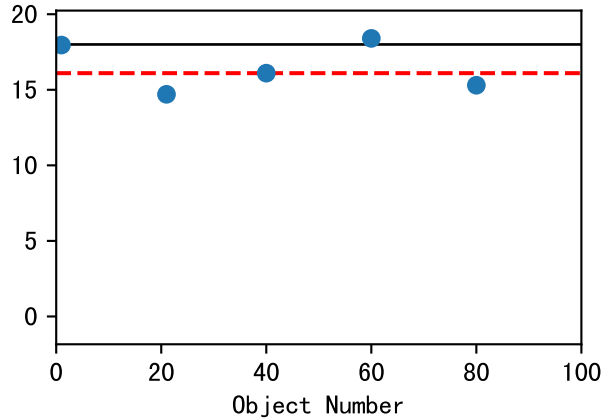
LTW_avgAbsY (Def=na Set=33.12)
avg1=33.12~35% avg2=na



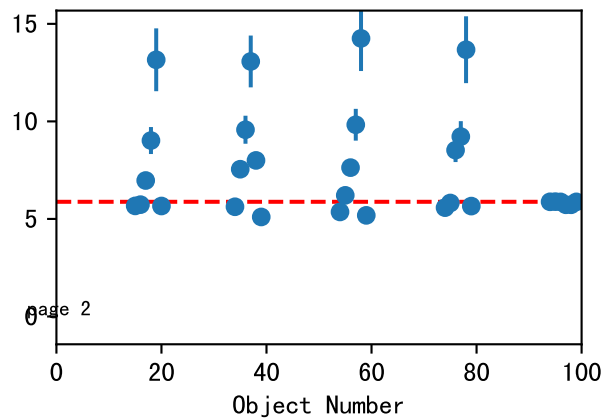
NdD_avgAbsY (Def=na Set=14.28)
avg1=14.28~18% avg2=na



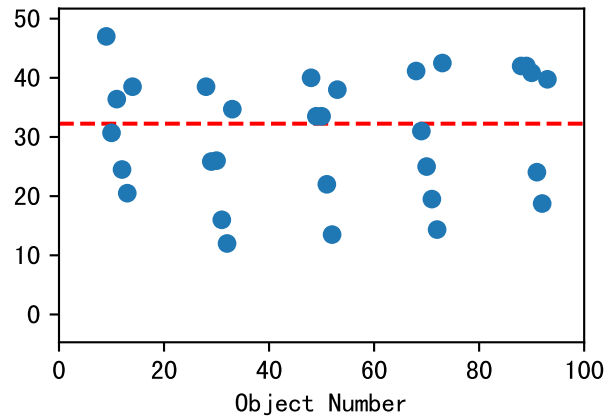
NdD_Q90AbsY (Def=18 Set=16.1)
avg1=16.1~10% avg2=na



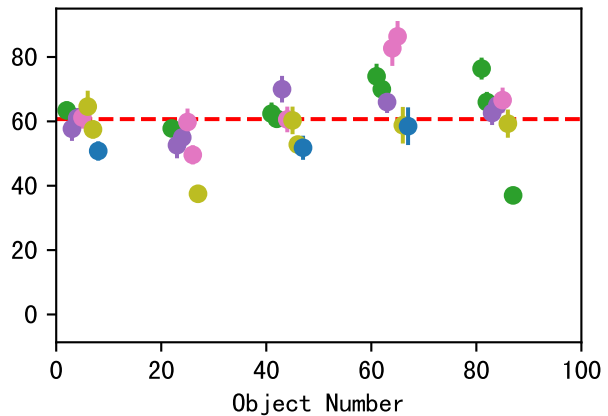
NdL_avgAbsY (Def=na Set=5.88)
avg1=5.88~42% avg2=na



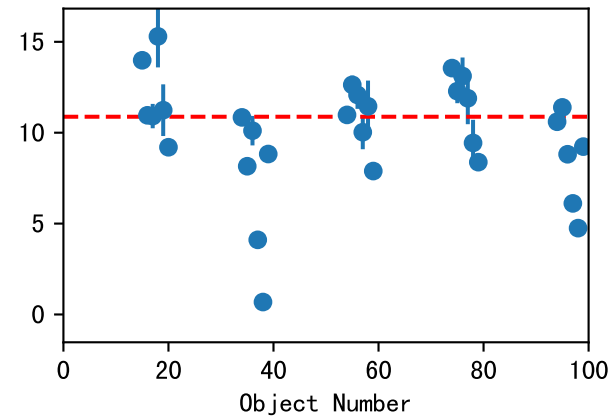
LTL_avgAbsY (Def=na Set=32.25)
avg1=32.25~32% avg2=na



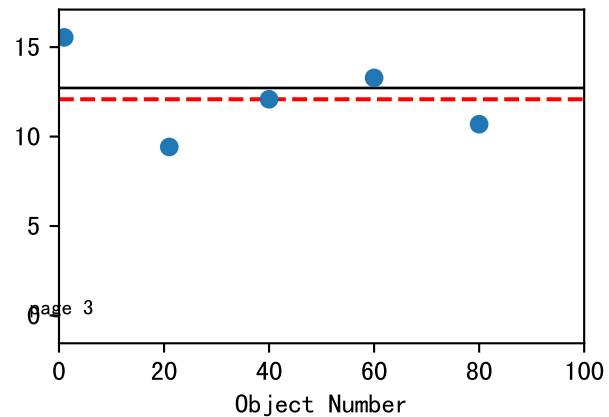
FRD_avgAbsY (Def=na Set=60.7)
avg1=60.7~11% avg2=na



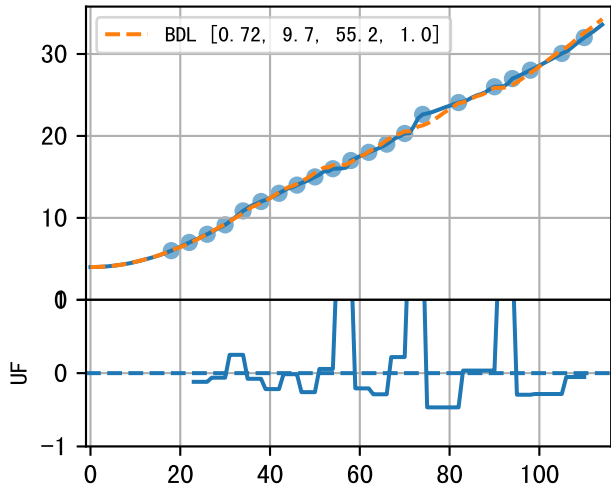
Ndv_avgAbsY (Def=na Set=10.88)
avg1=10.88~21% avg2=na



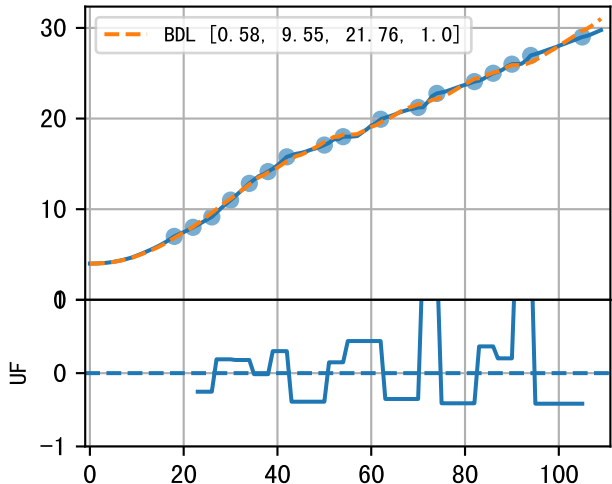
NdV_Q90AbsY (Def=12.72 Set=12.09)
avg1=12.09~20% avg2=na



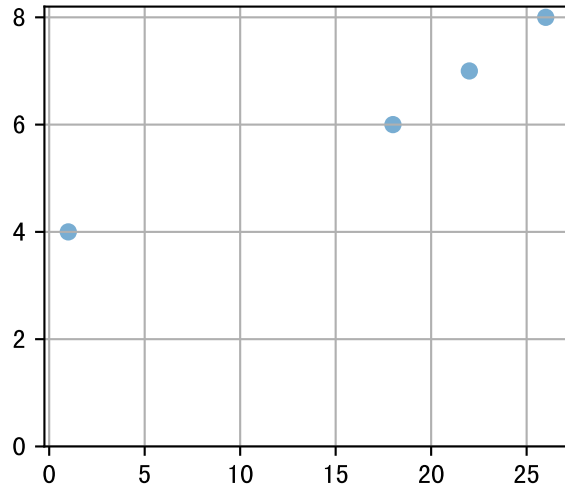
P10AE-081-12 (fit failed)



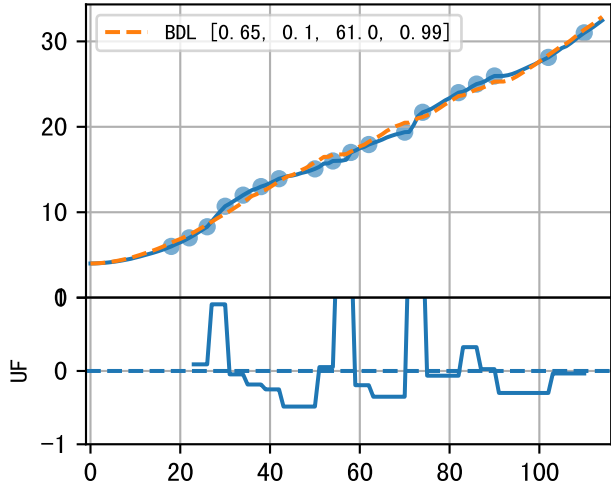
P10AE-087-27 (fit failed)



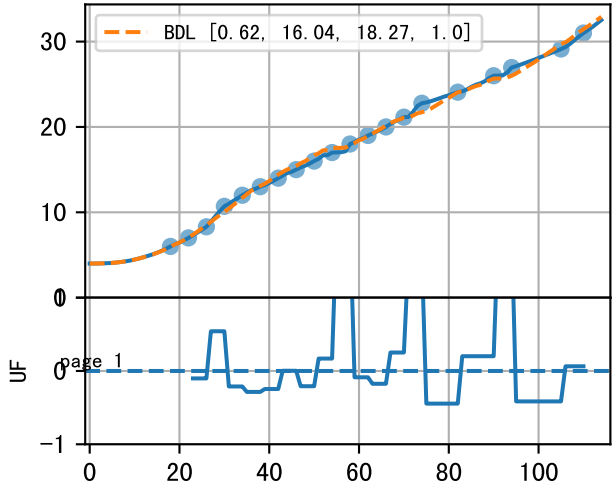
P10AE-095-20 (fit failed)



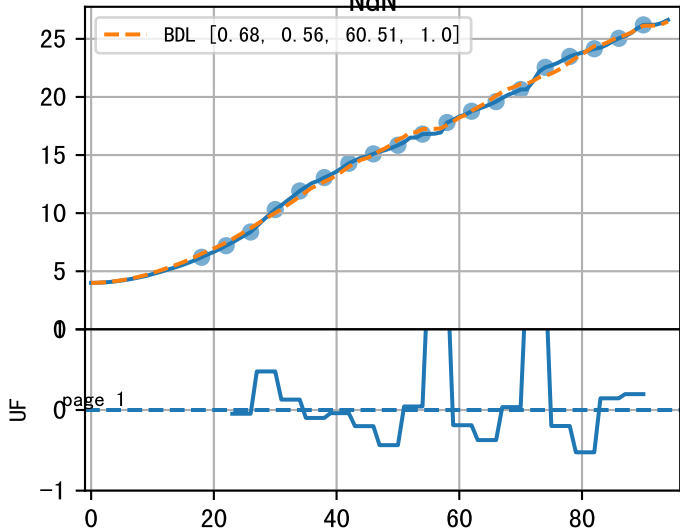
P10AE-103-32 (fit failed)



P10AE-114-7 (fit failed)

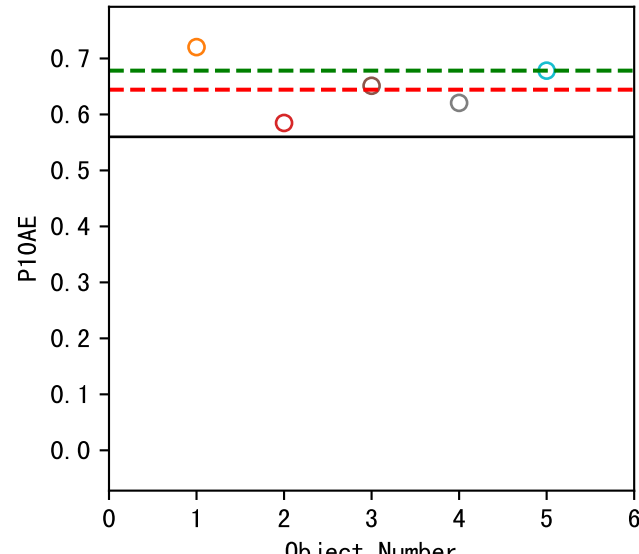


PIOAEavg (left-tailed)

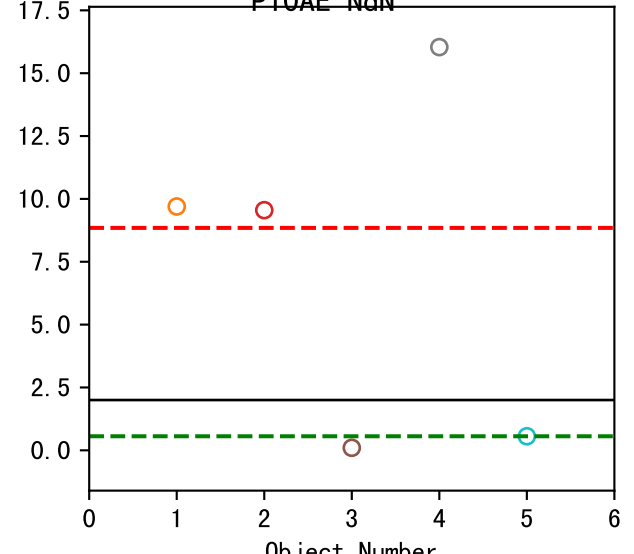


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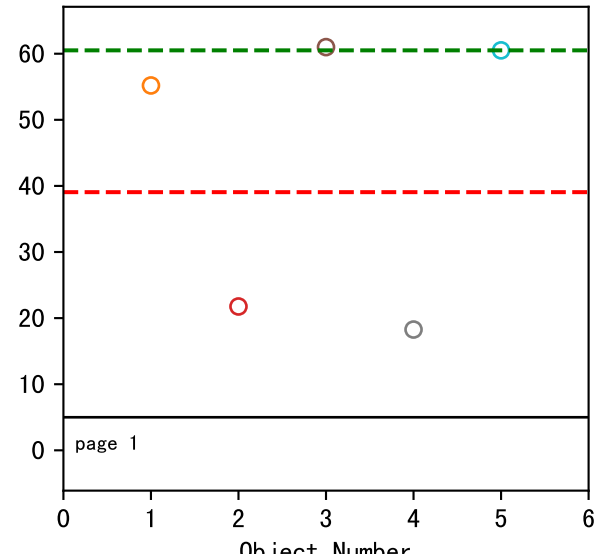
avg1=0.64 (fail) avg2=0.68

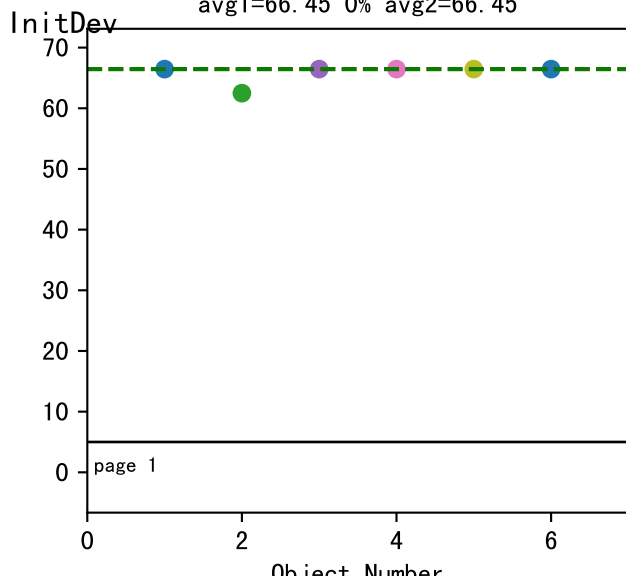
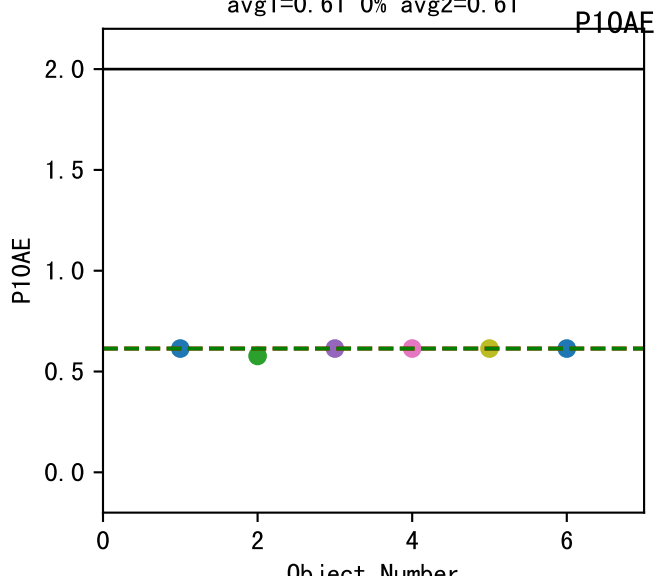


avg1=8.85 (fail) avg2=0.56

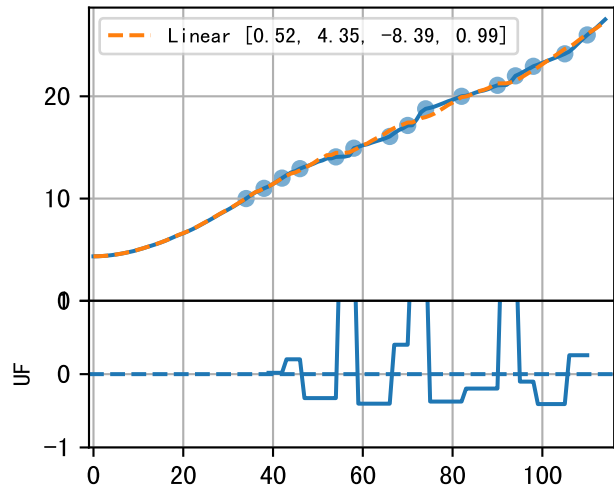


avg1=39.06 (fail) avg2=60.51

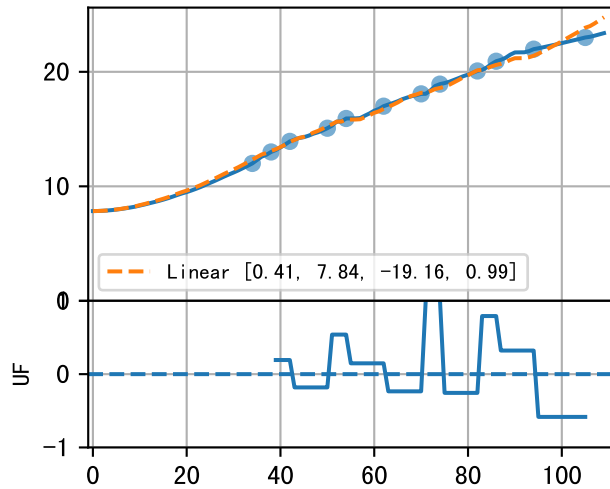




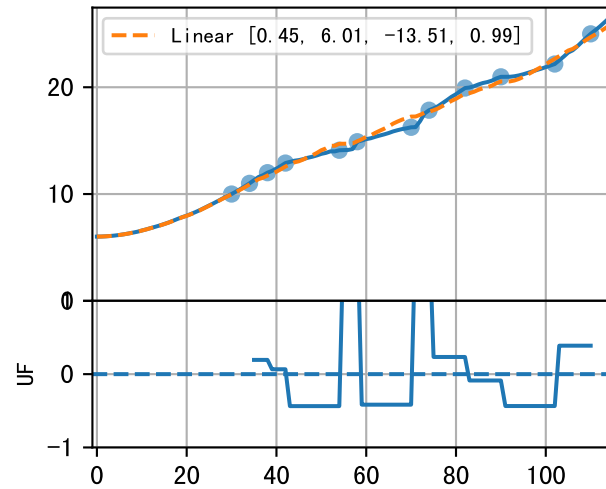
P10AE-081-12



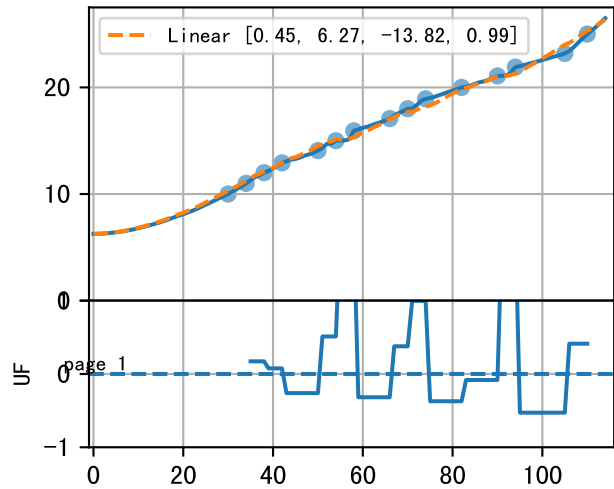
P10AE-087-27



P10AE-103-32

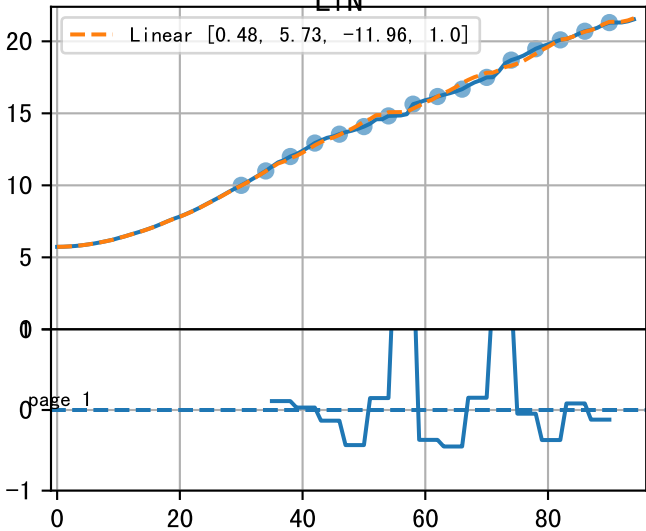


P10AE-114-7

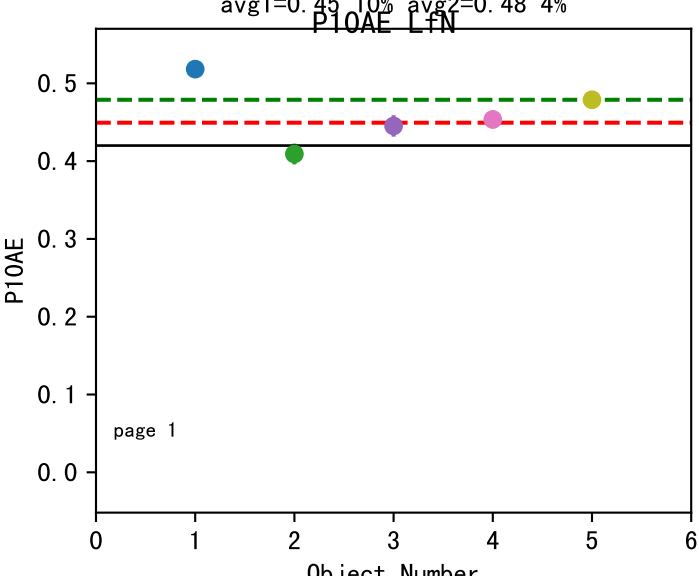


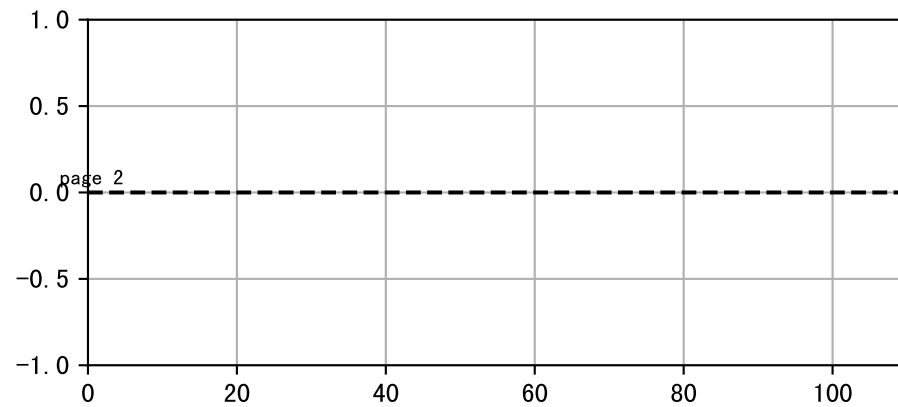
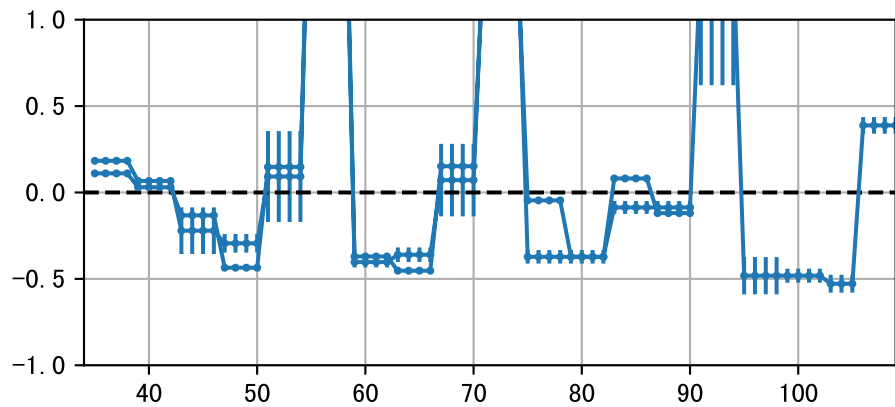
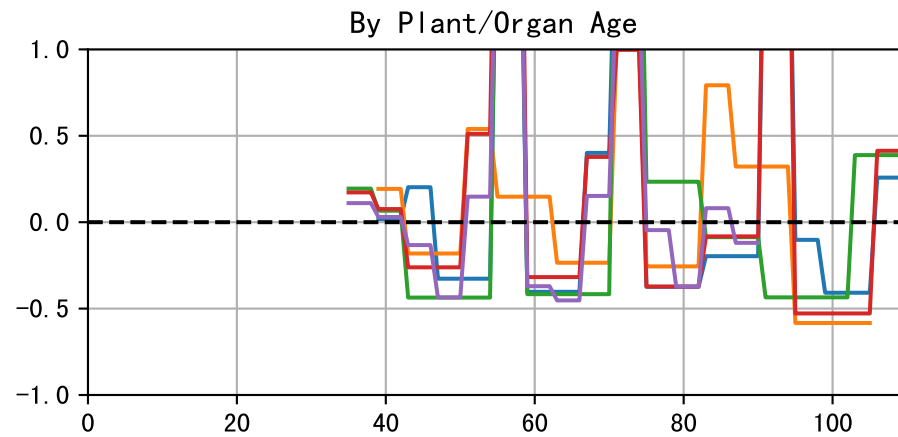
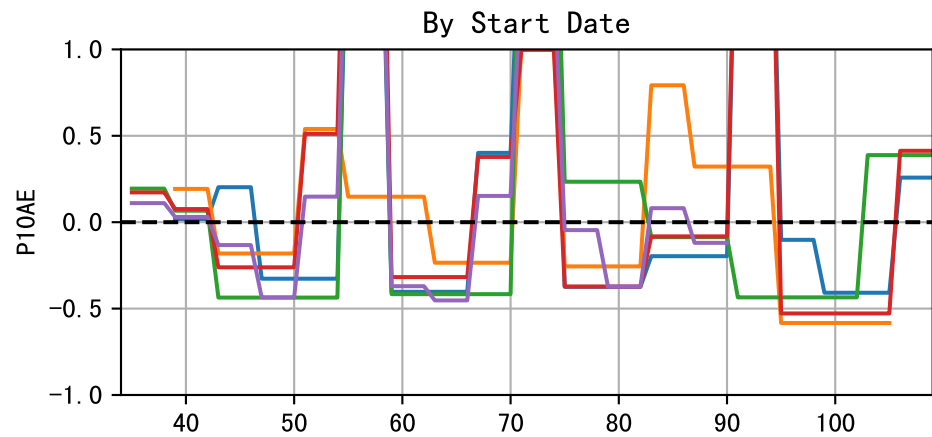
PTUARavg
Lfn

Linear [0.48, 5.73, -11.96, 1.0]

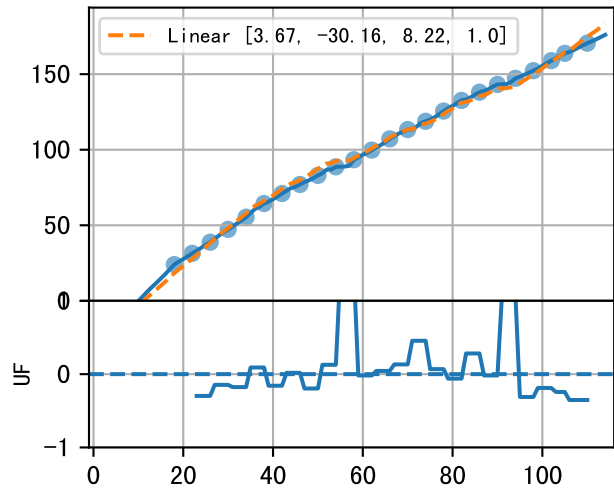


UF
page 1

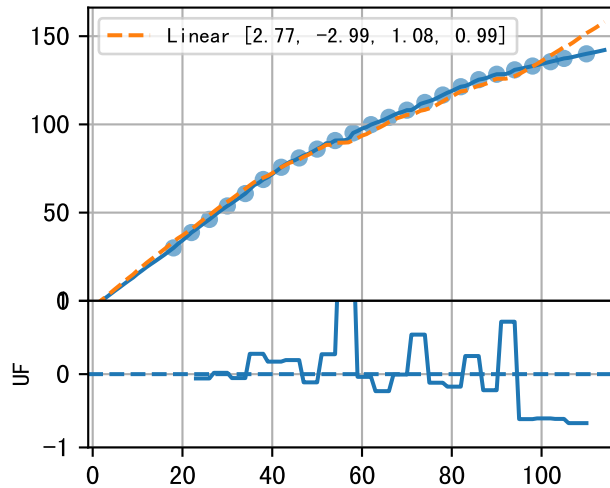




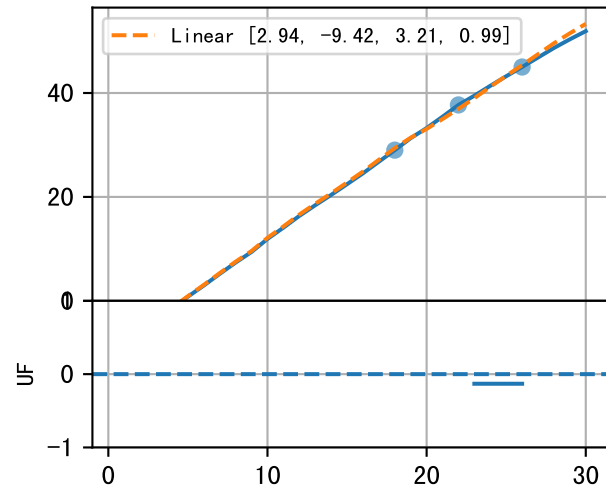
P10AE-081-12



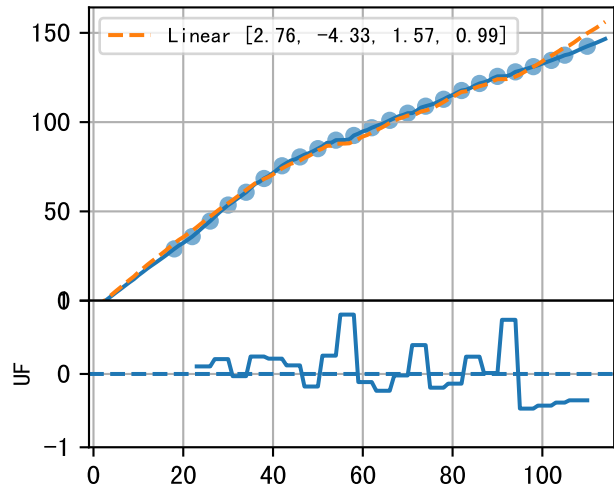
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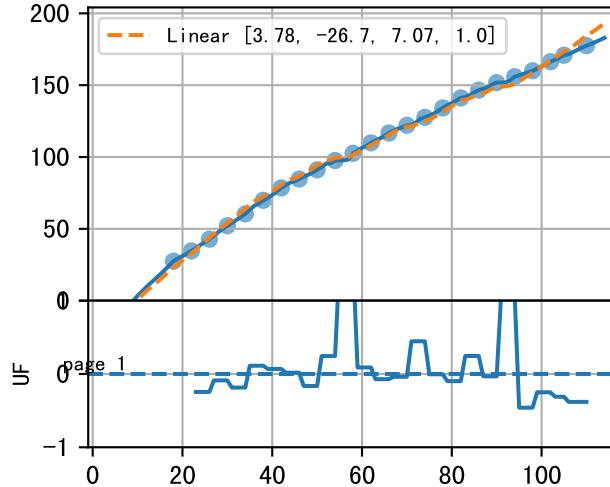
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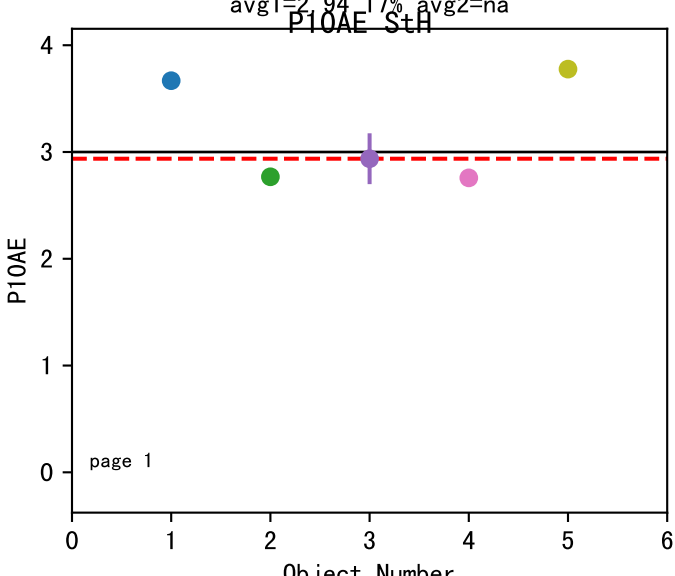


P10AE-103-32

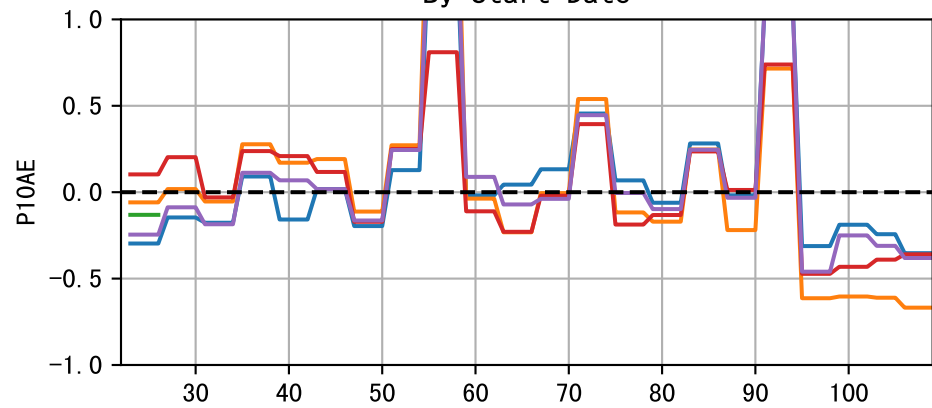


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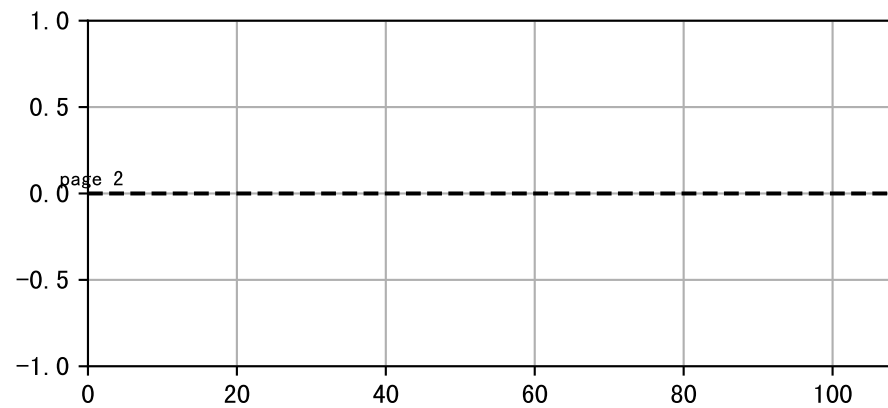
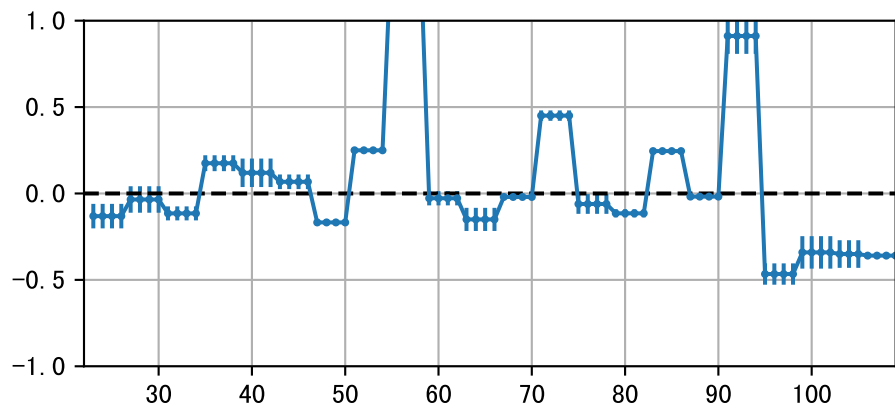
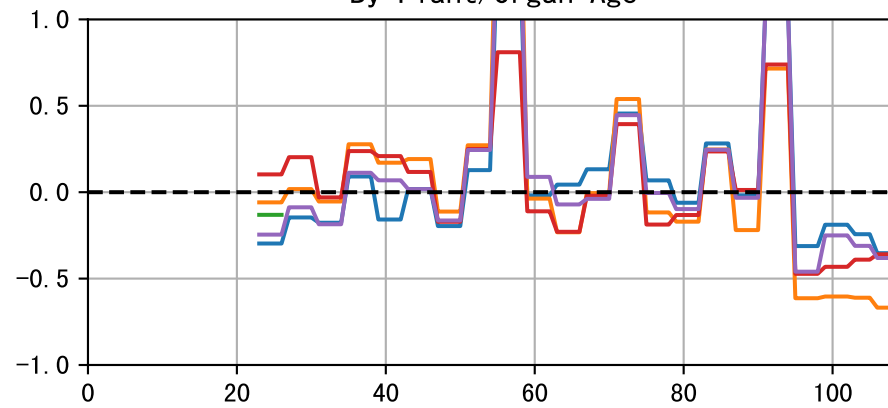




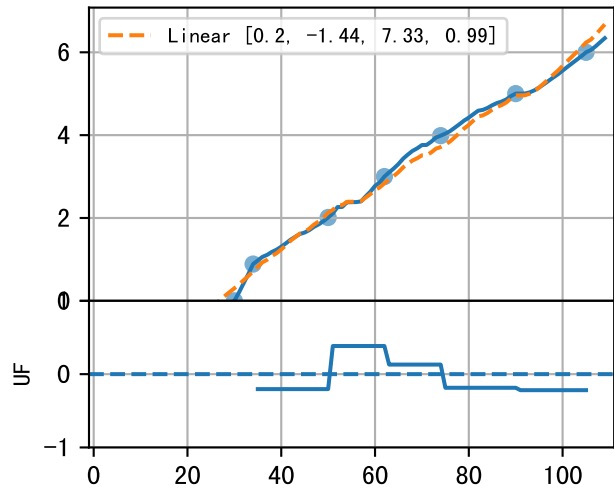
By Start Date



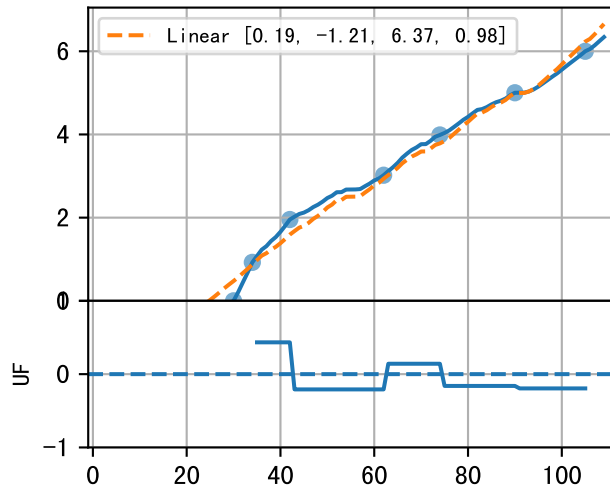
By Plant/Organ Age



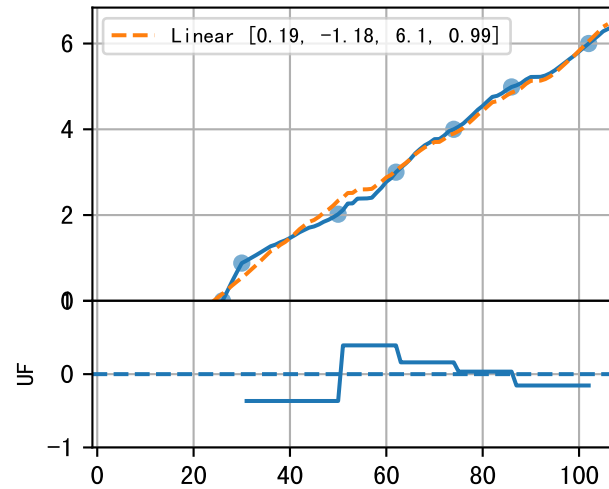
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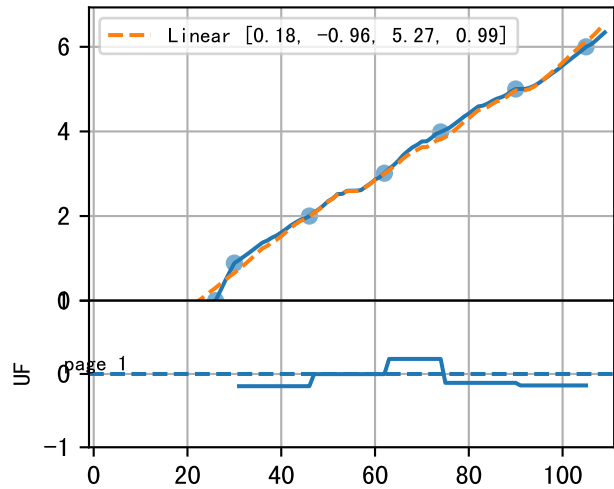
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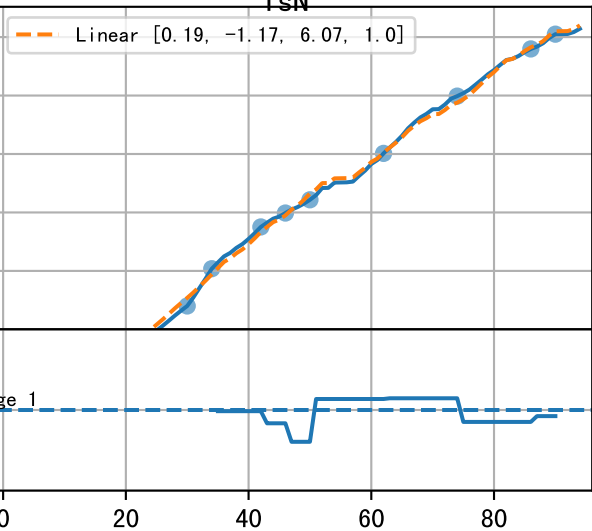
P10AE-103-32



P10AE-114-7



PIUavg
TSN



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-1

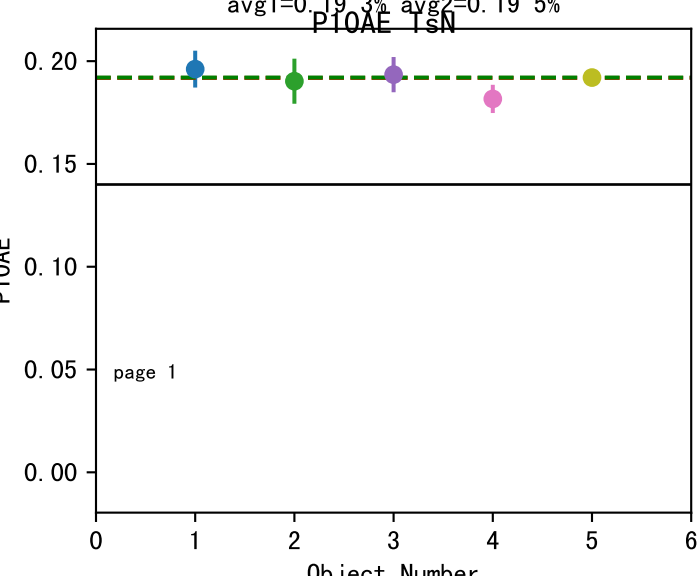
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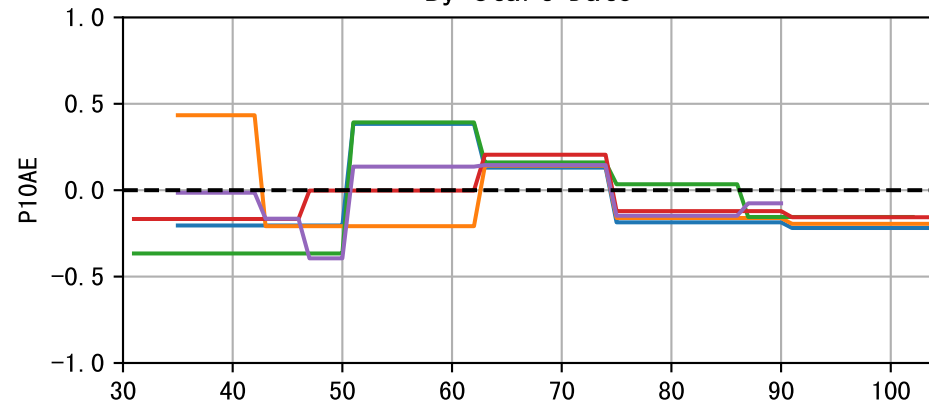
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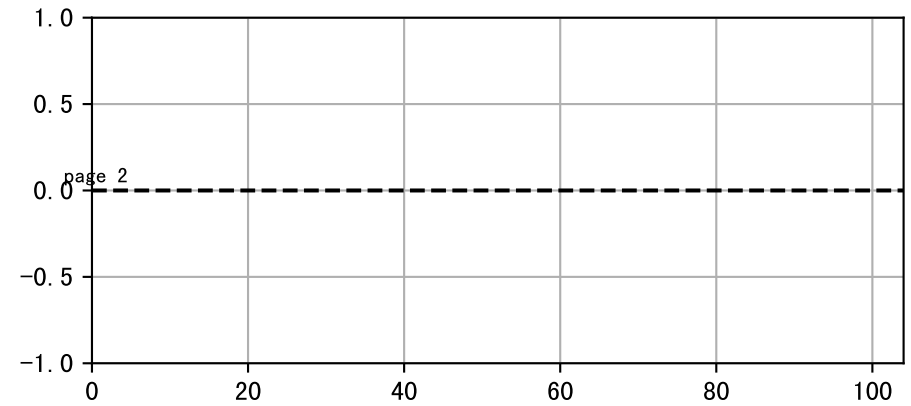
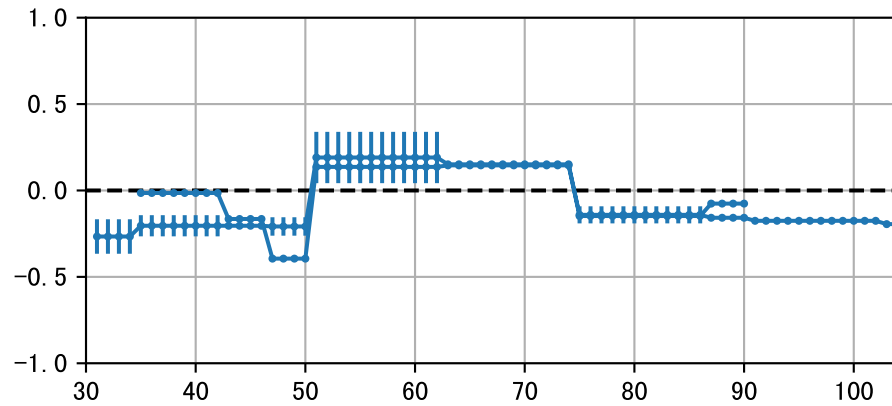
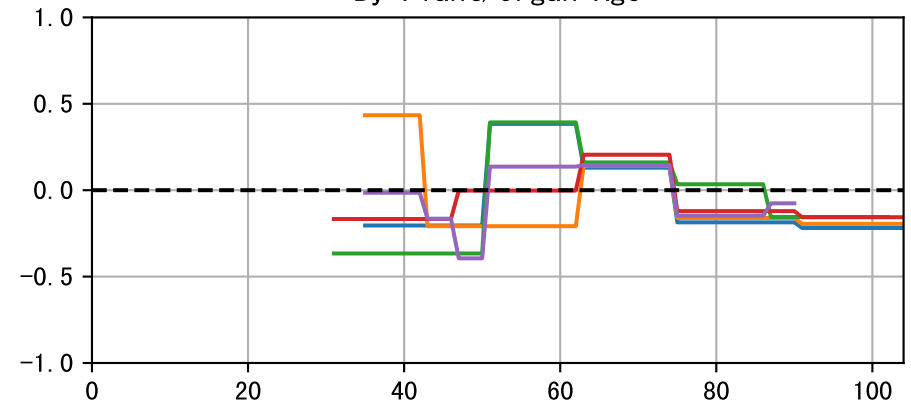
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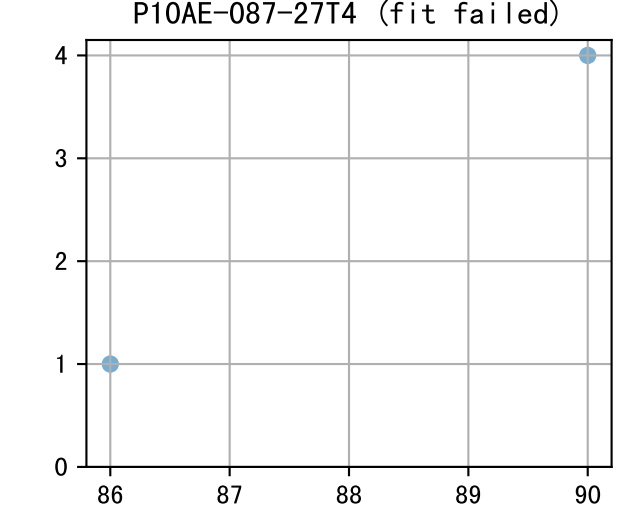
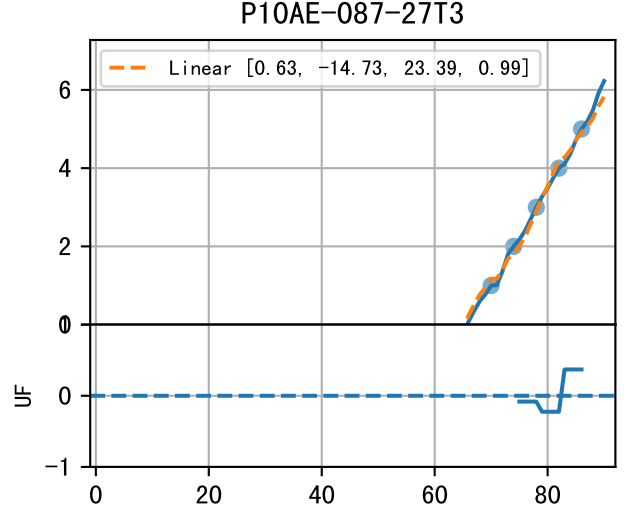
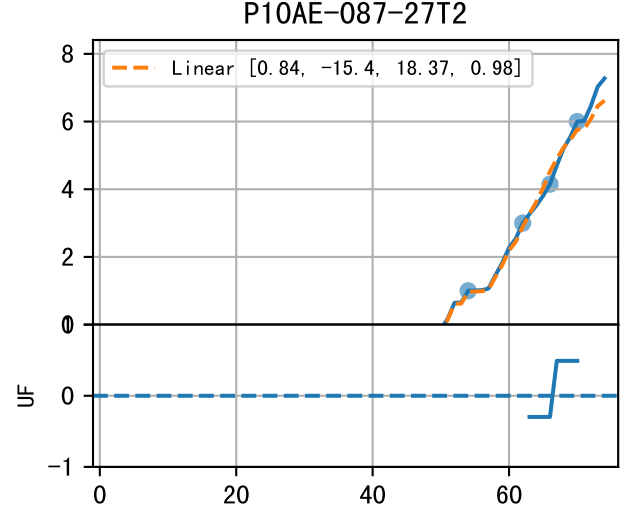
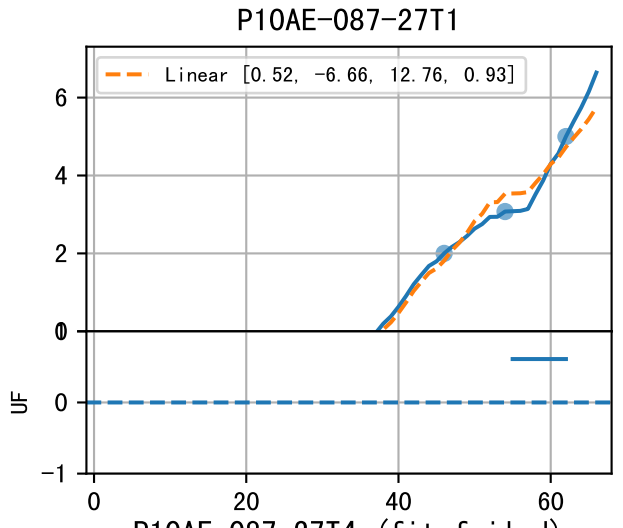
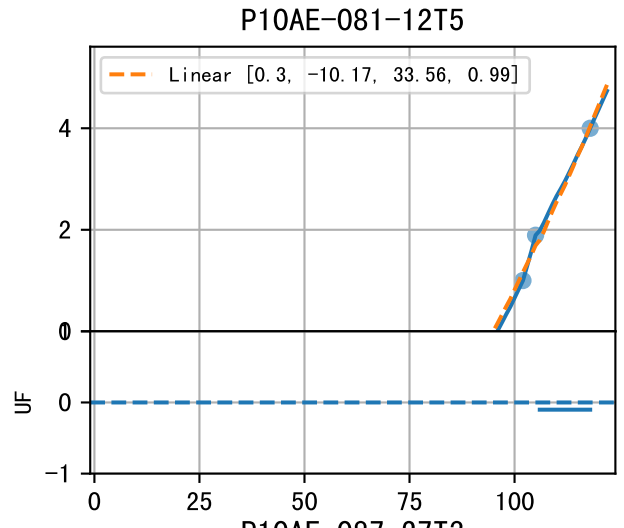
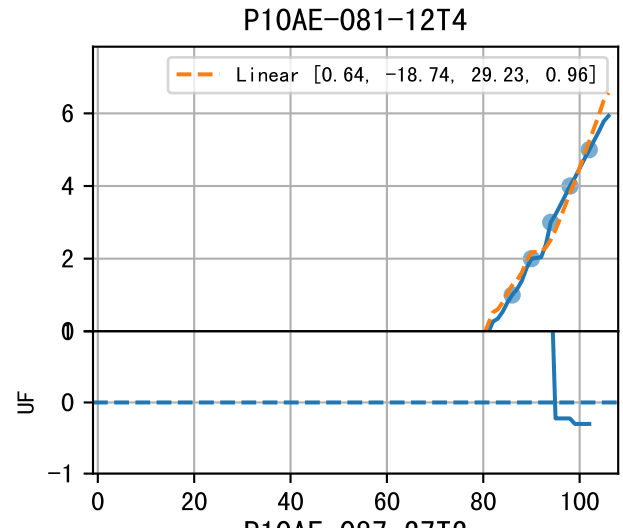
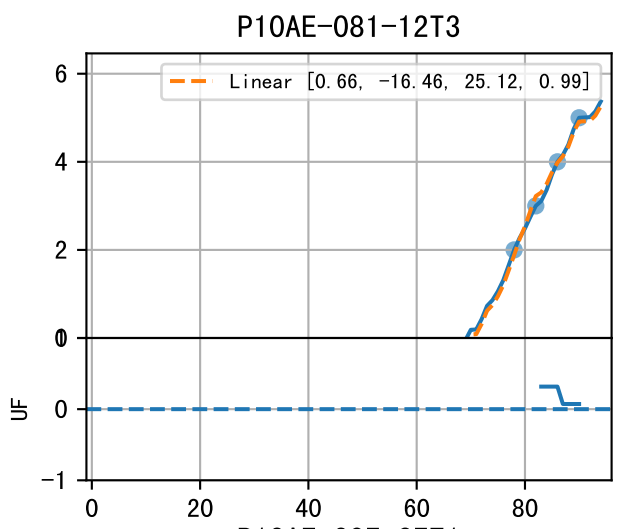
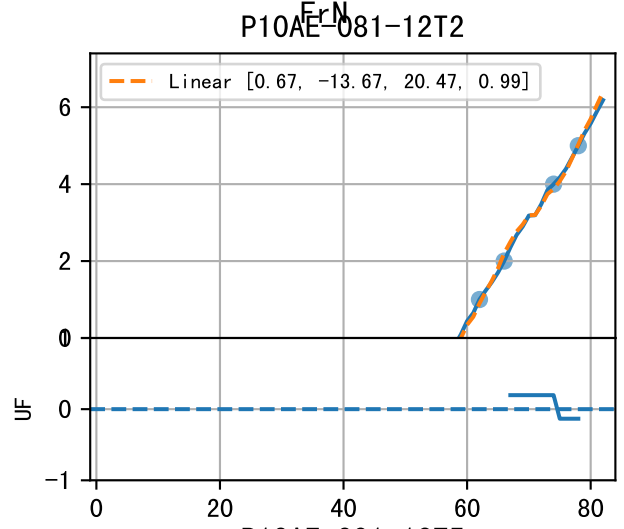
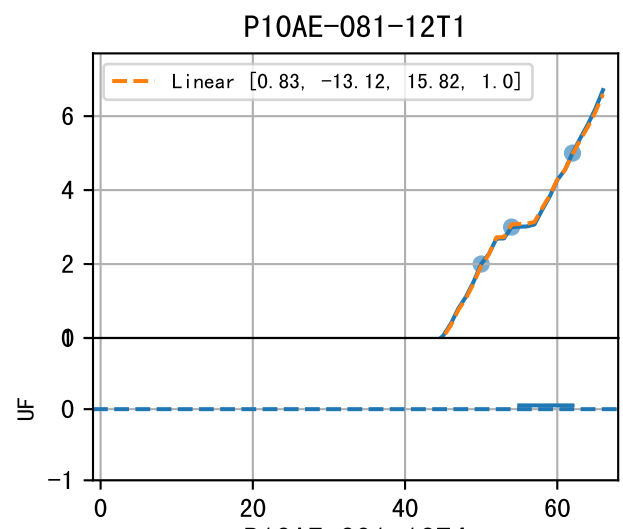
By Start Date

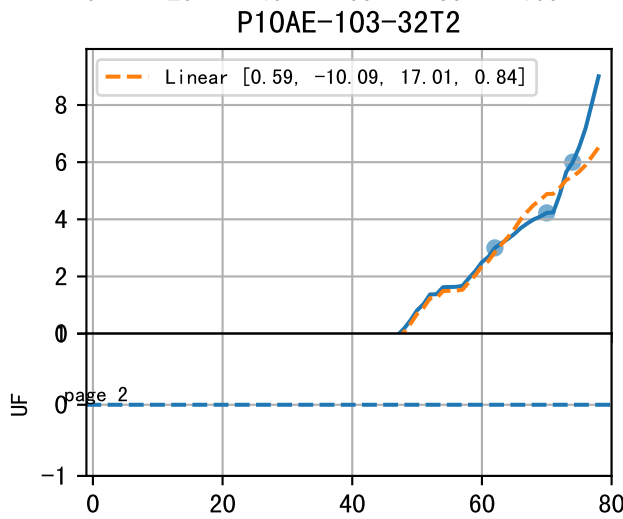
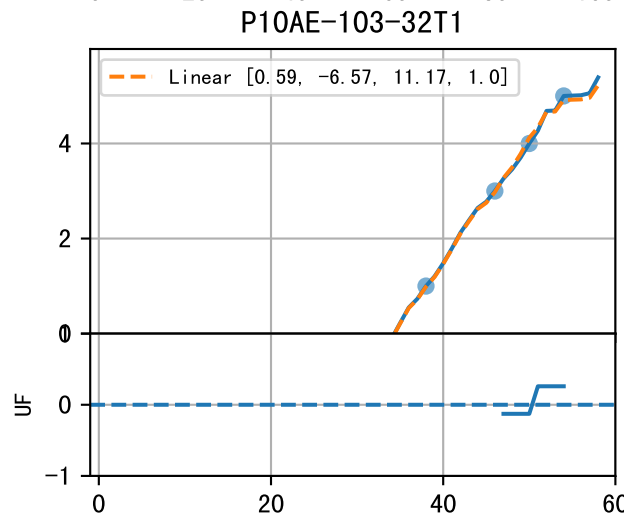
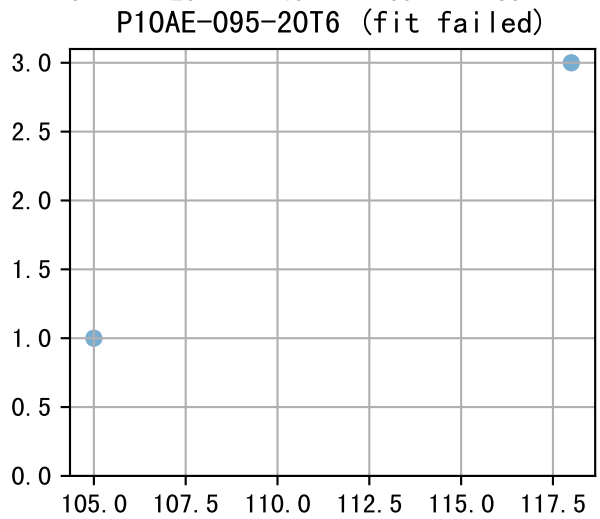
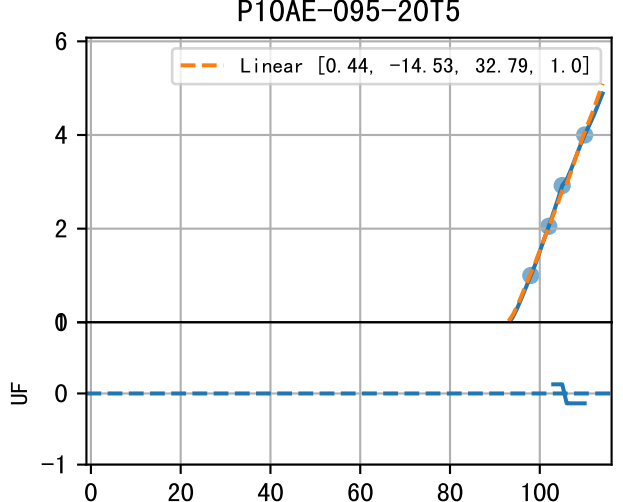
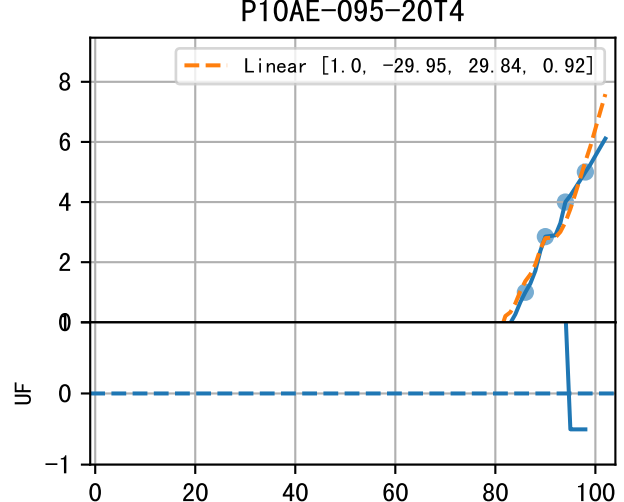
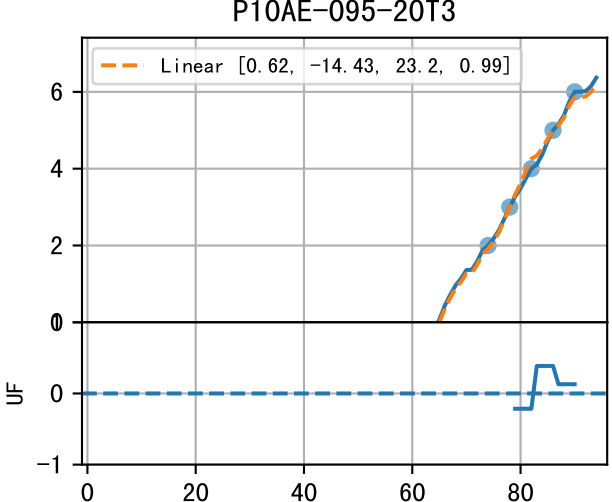
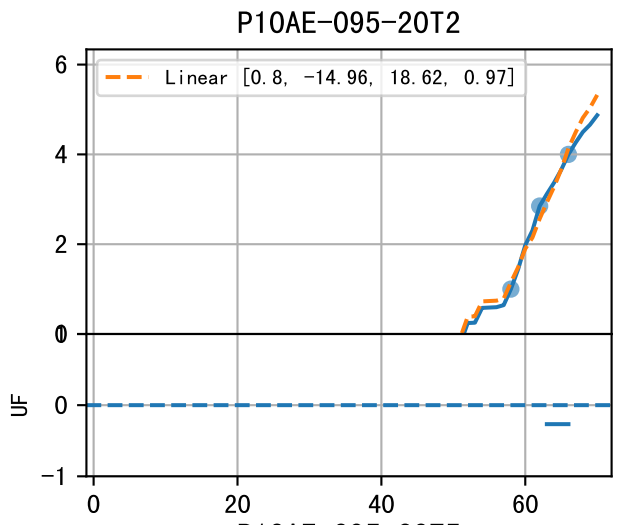
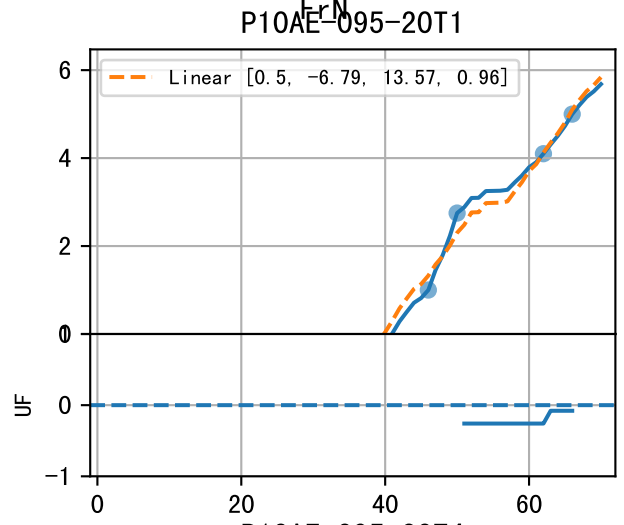
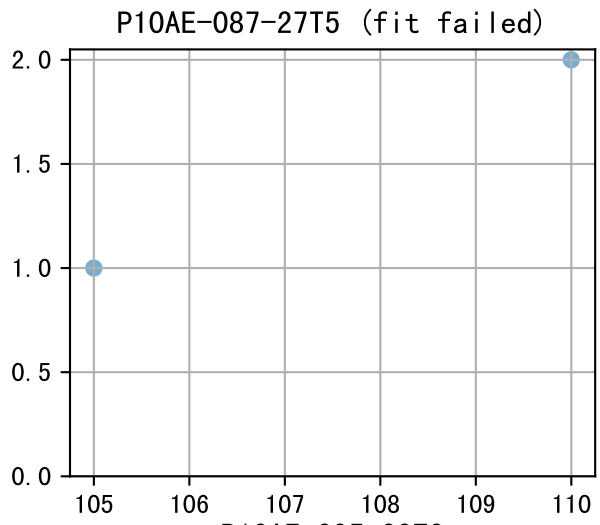


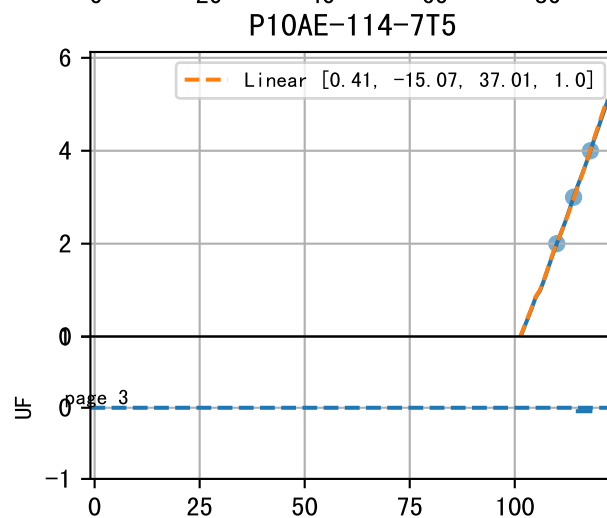
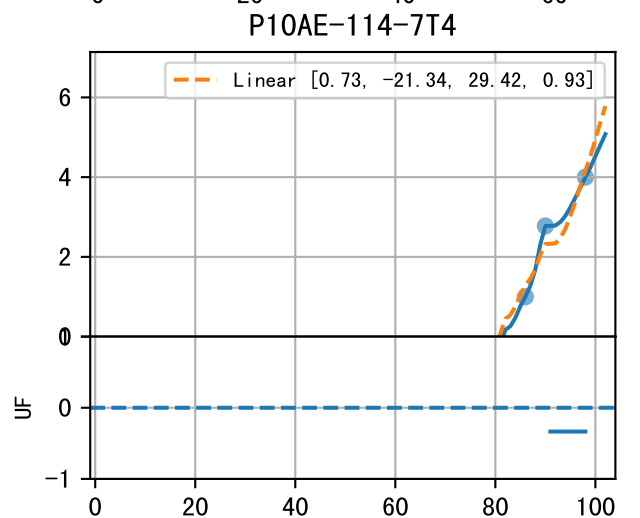
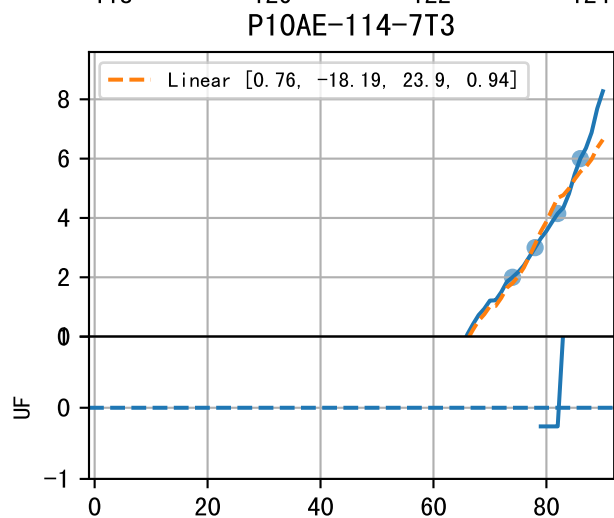
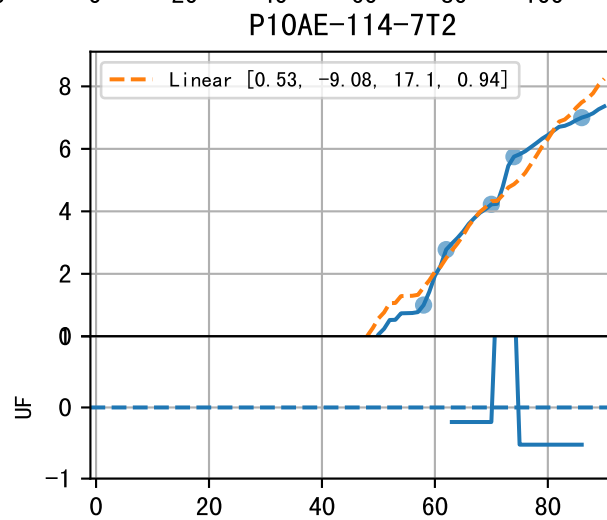
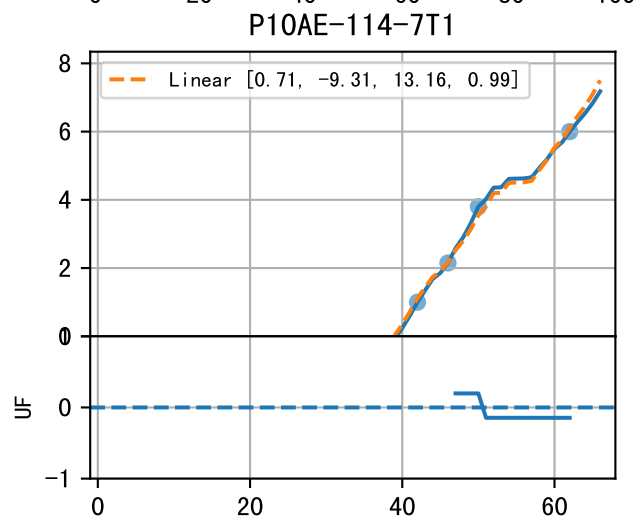
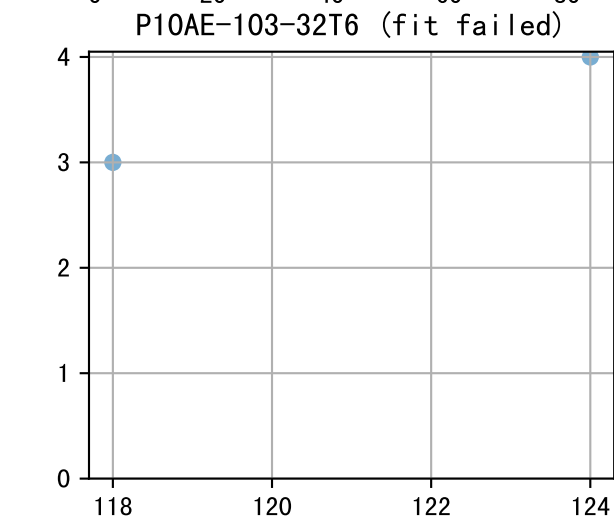
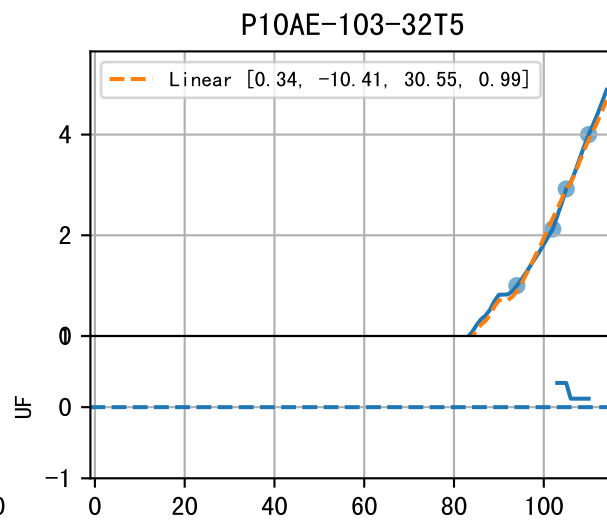
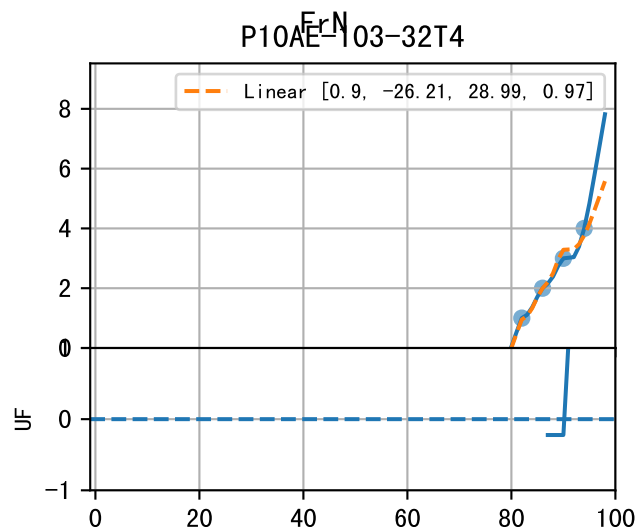
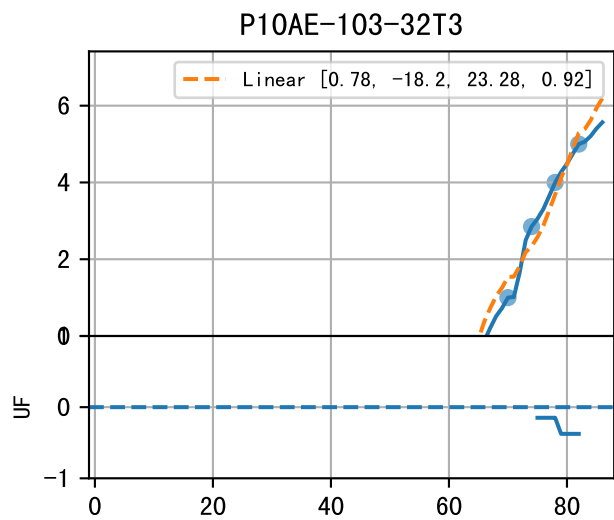
By Plant/Organ Age



ErN

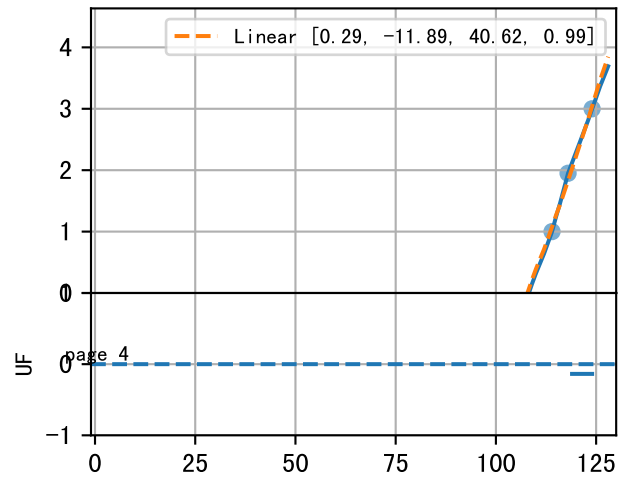




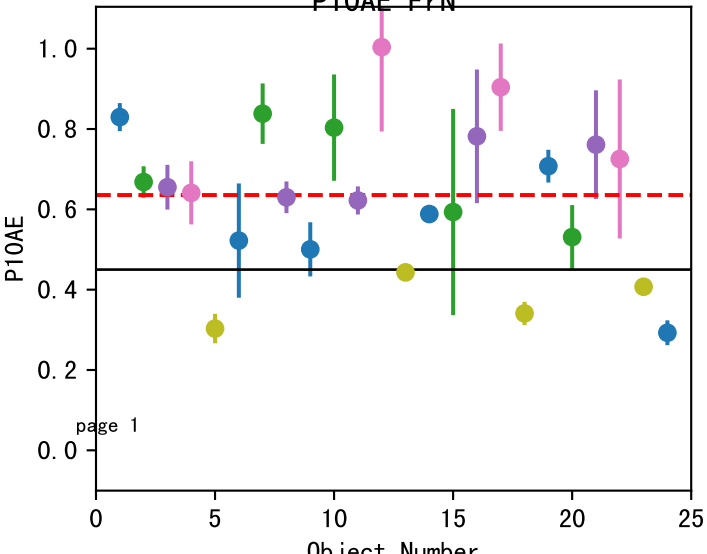


P10AE-114-7T6

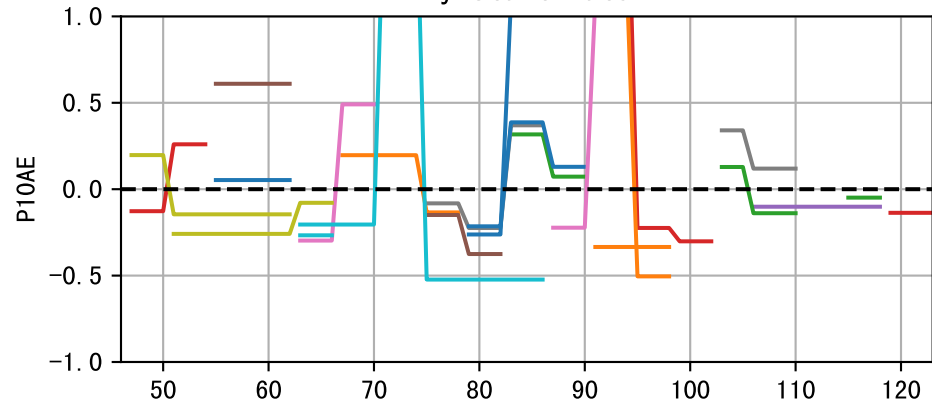
FrN



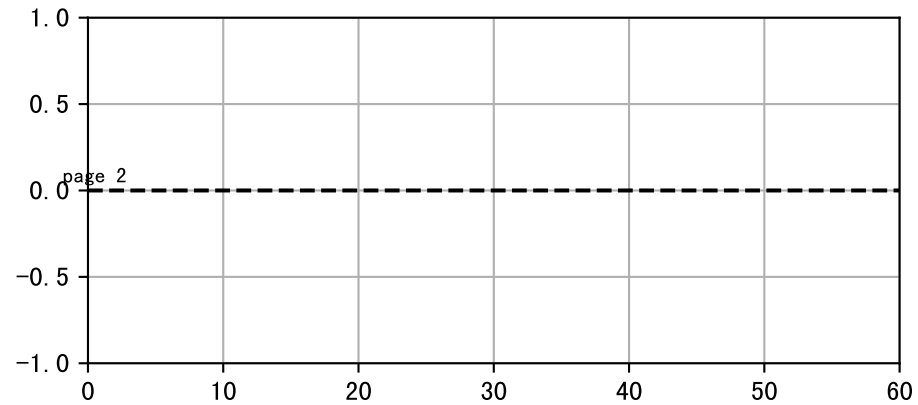
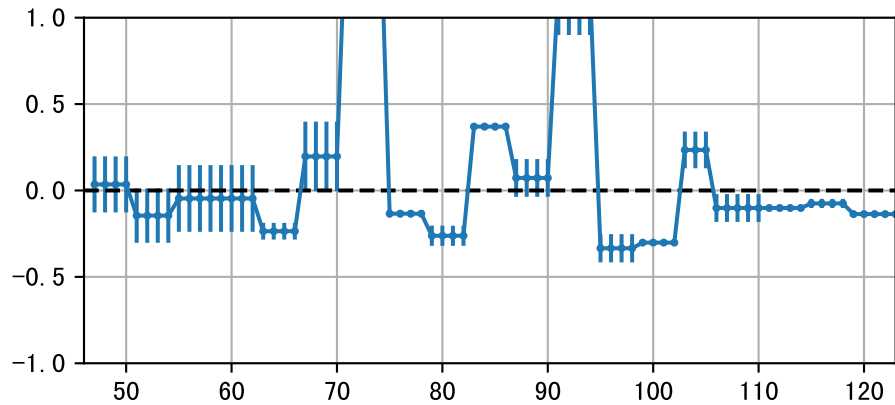
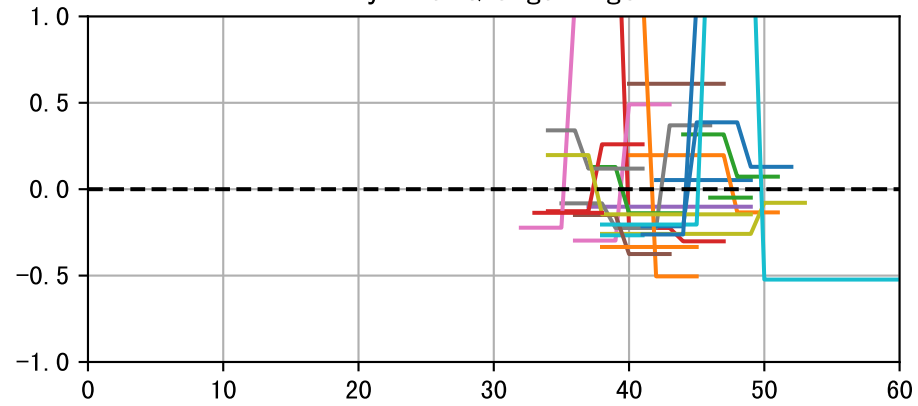
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P10AE FrN

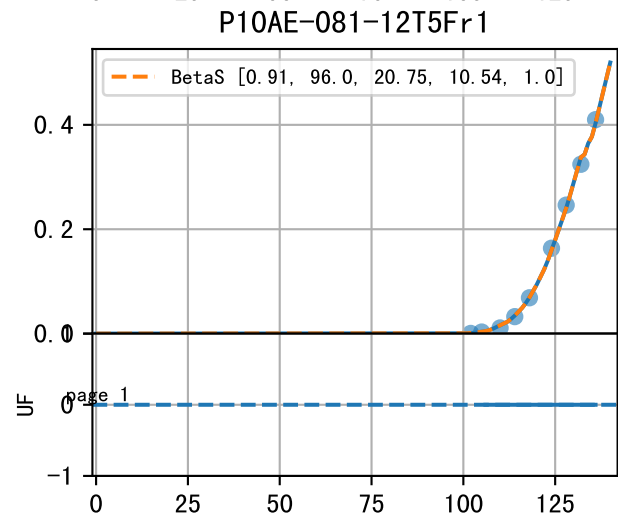
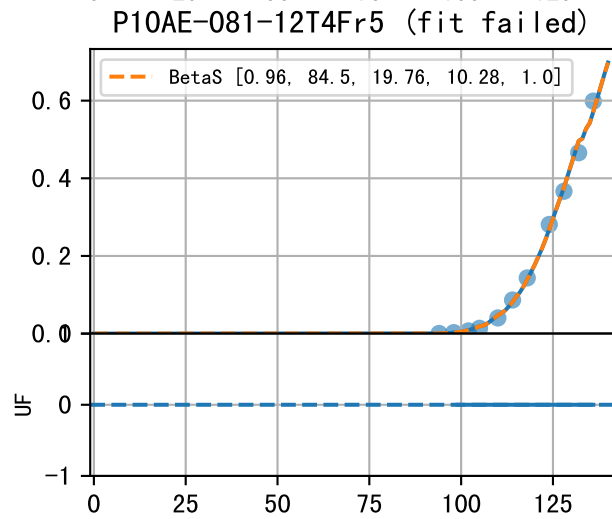
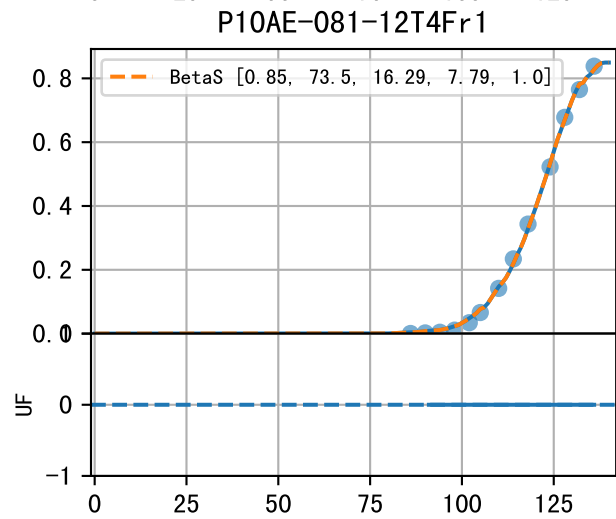
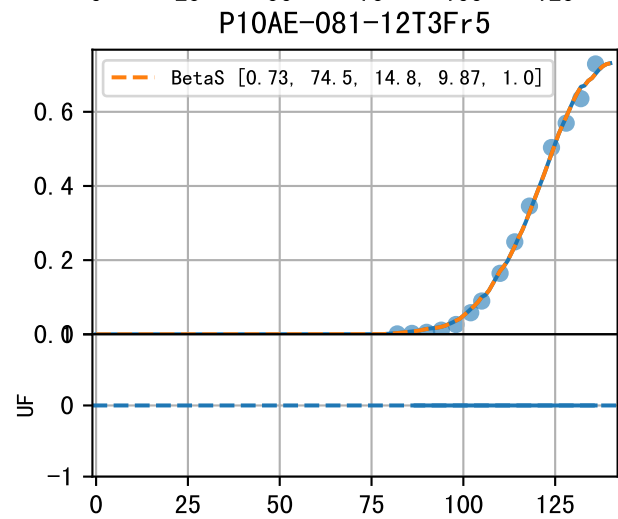
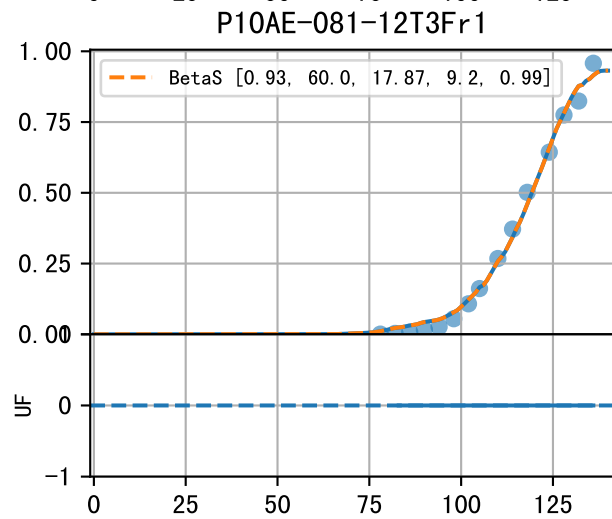
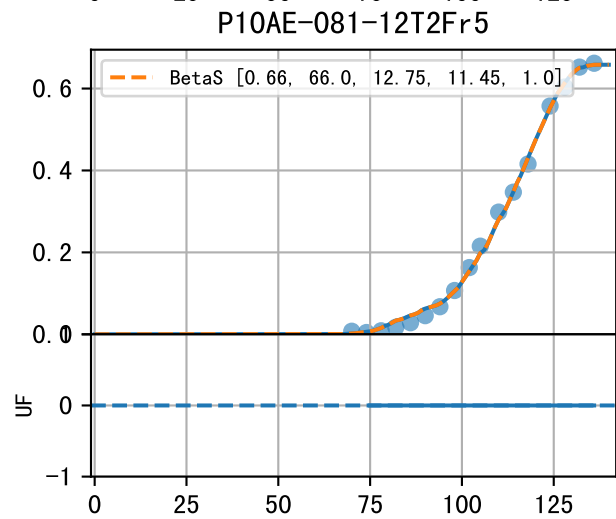
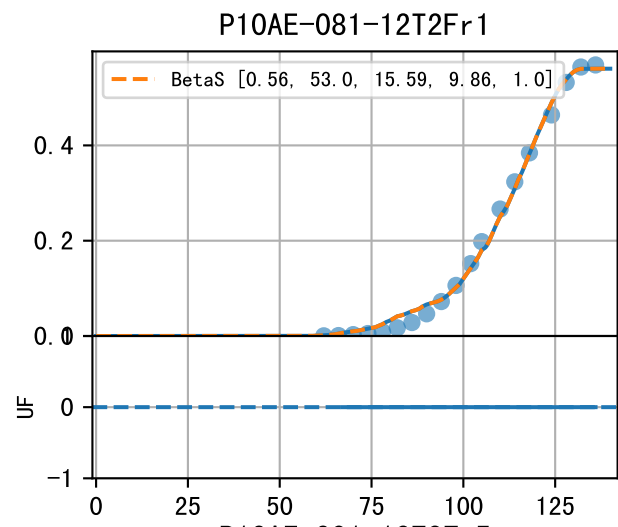
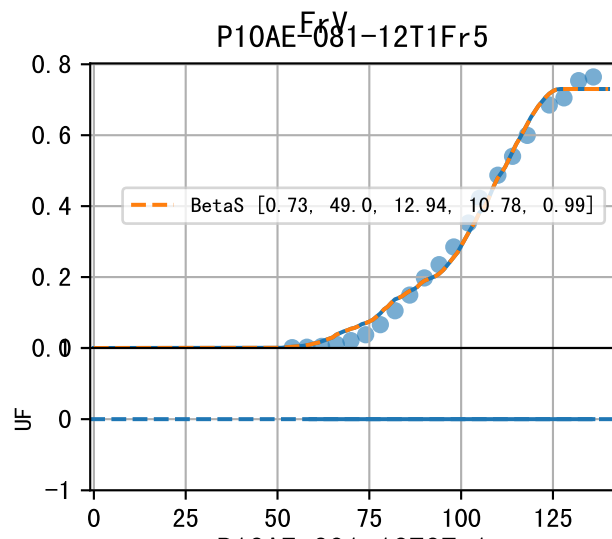
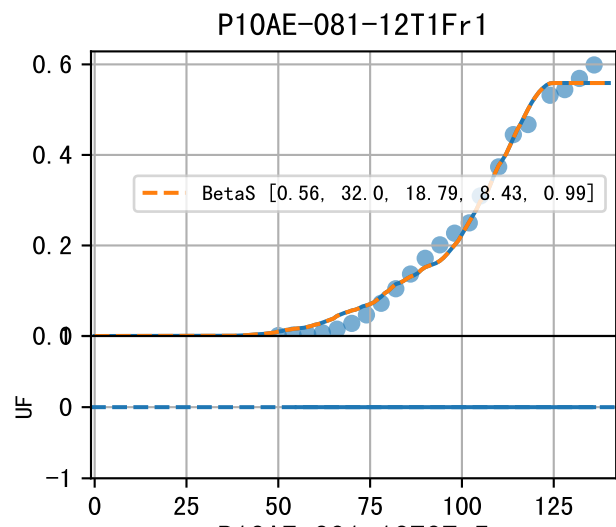


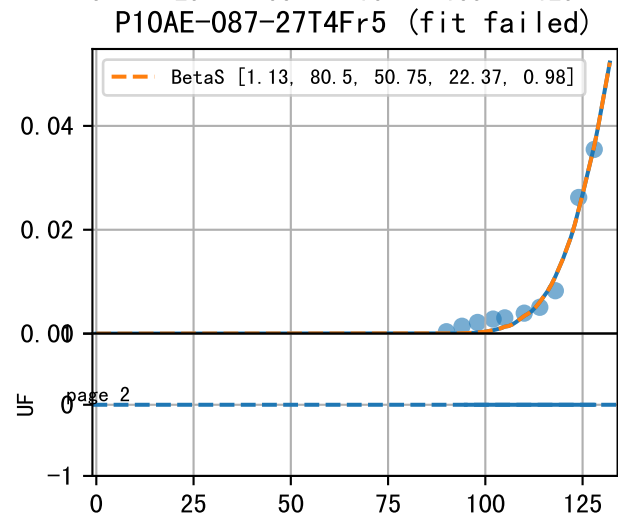
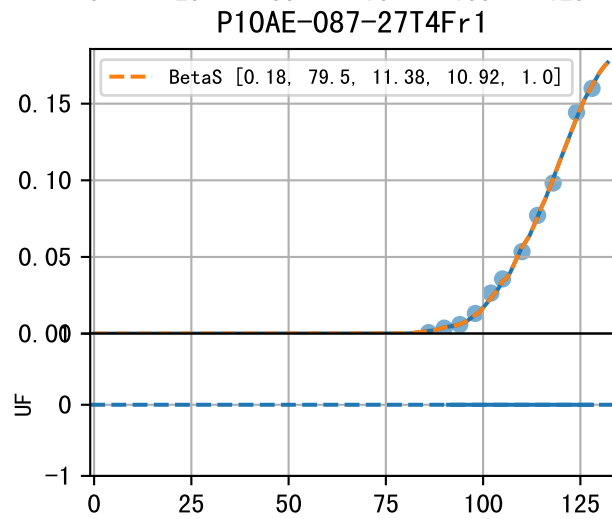
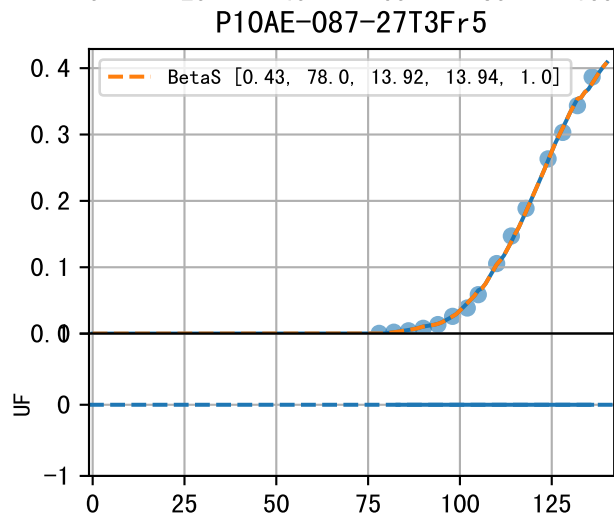
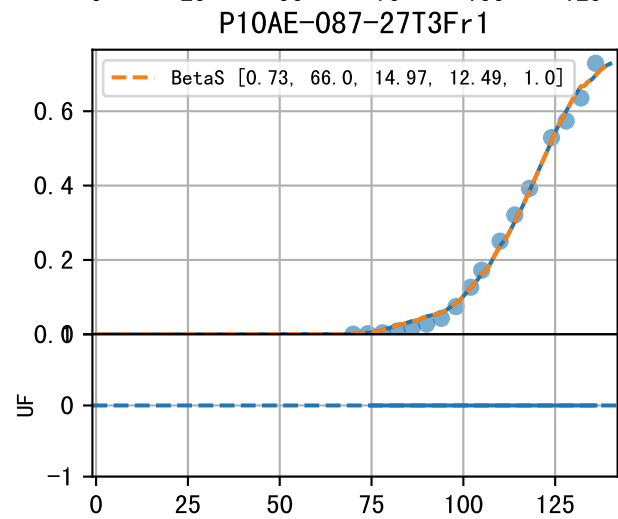
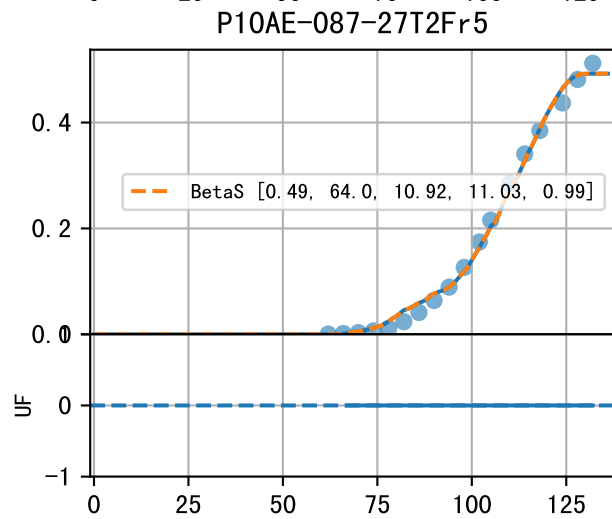
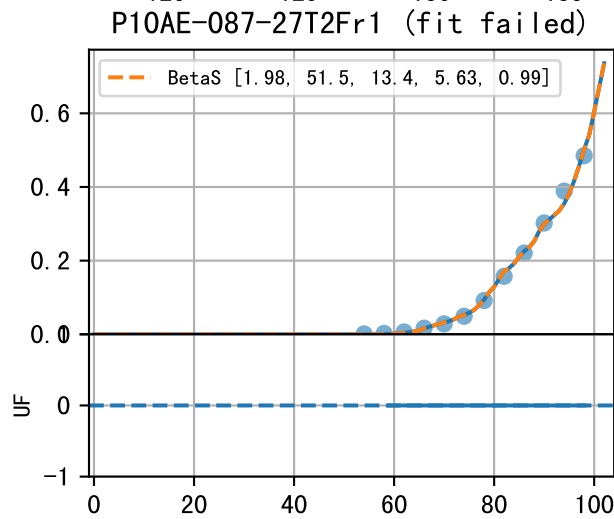
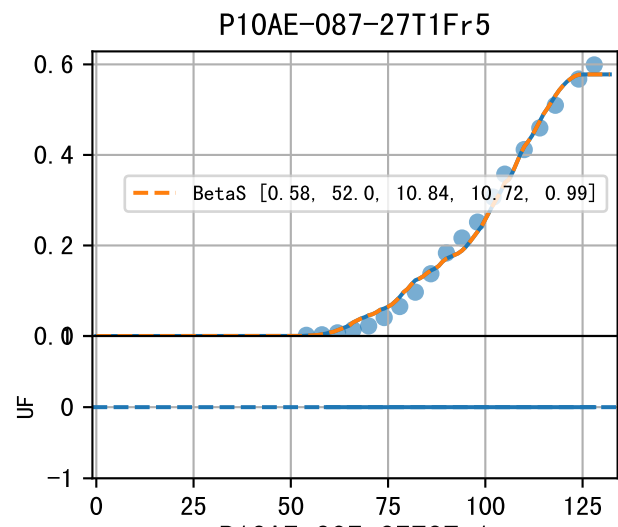
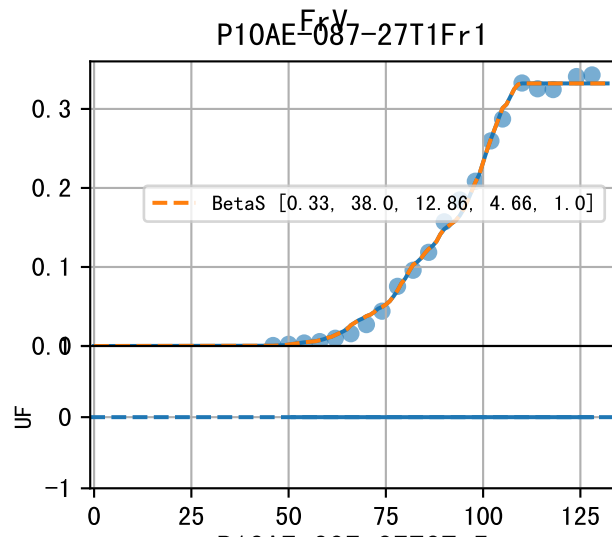
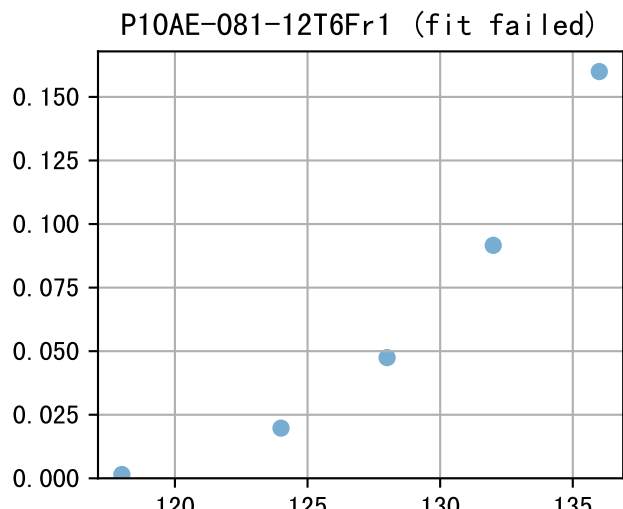
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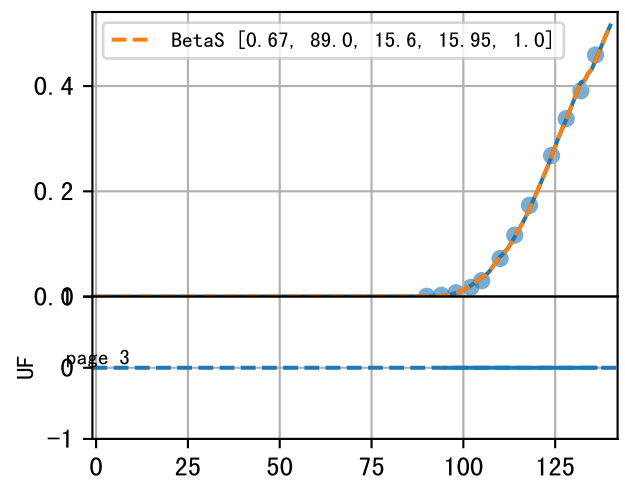
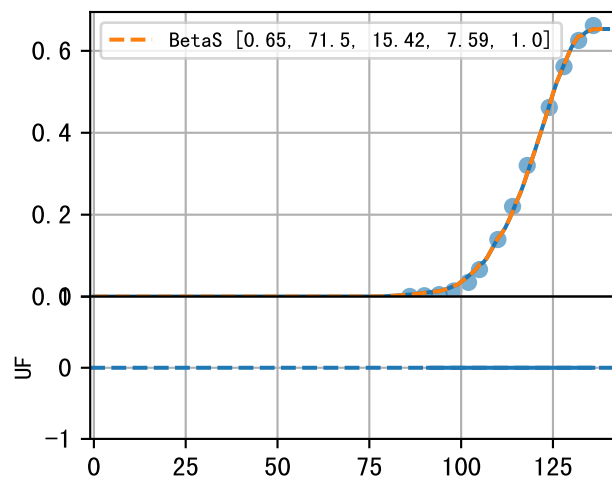
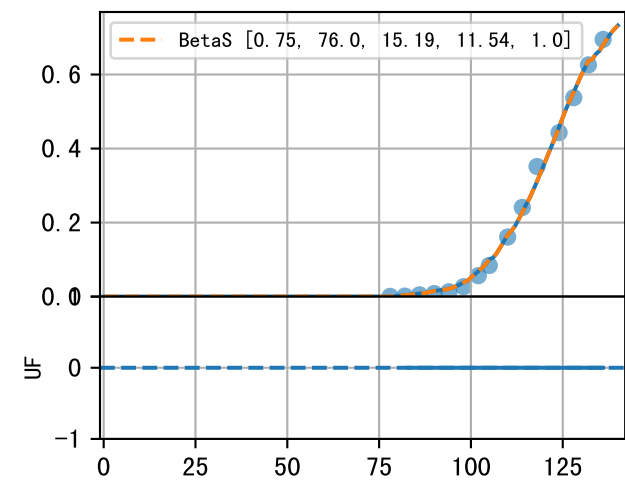
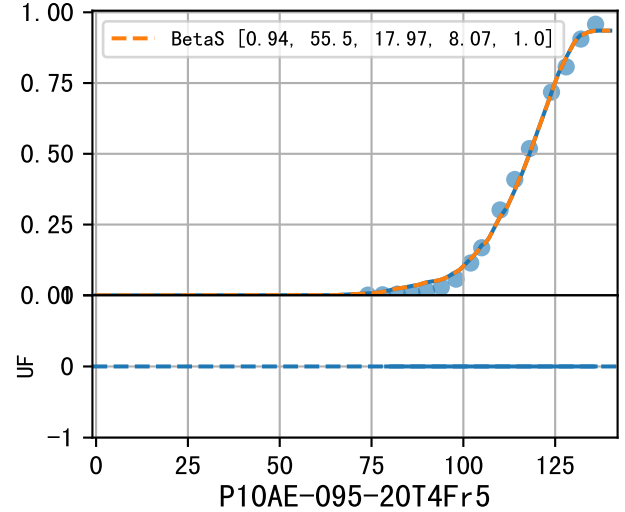
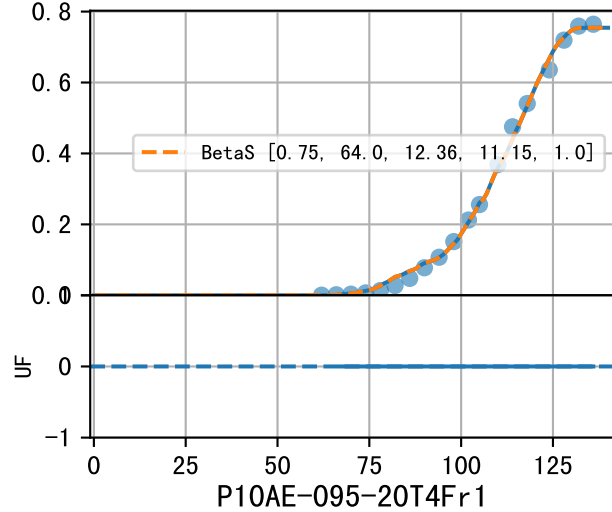
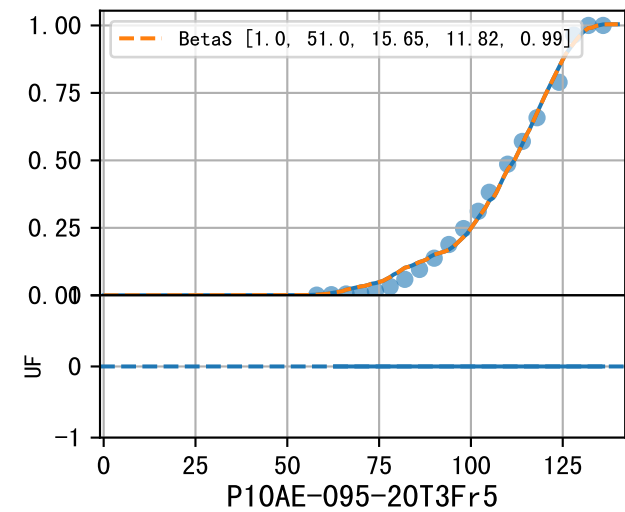
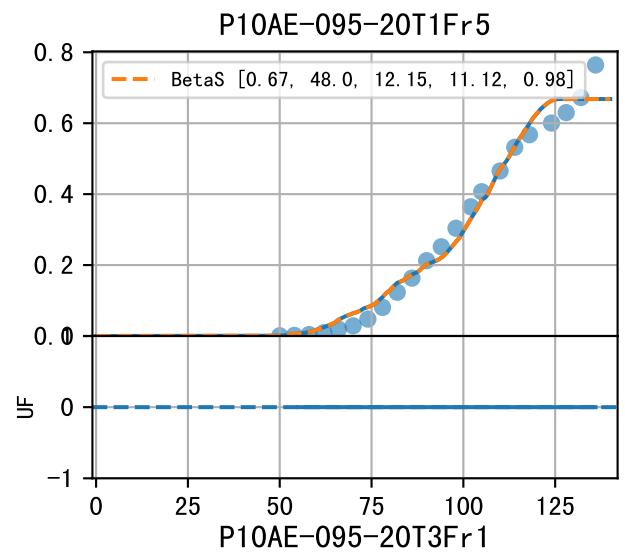
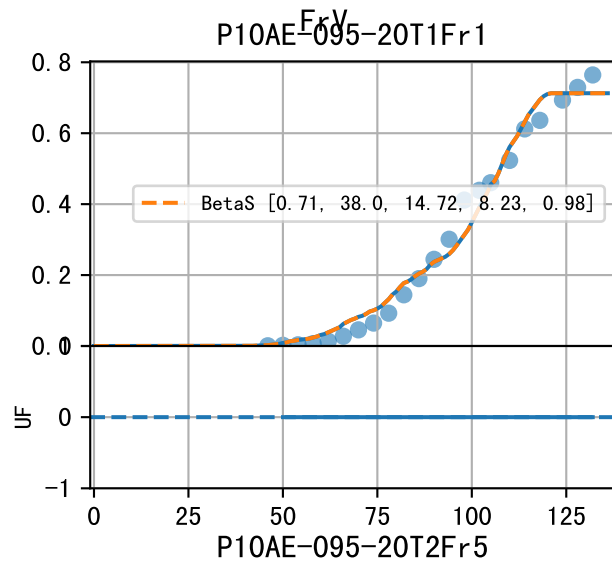
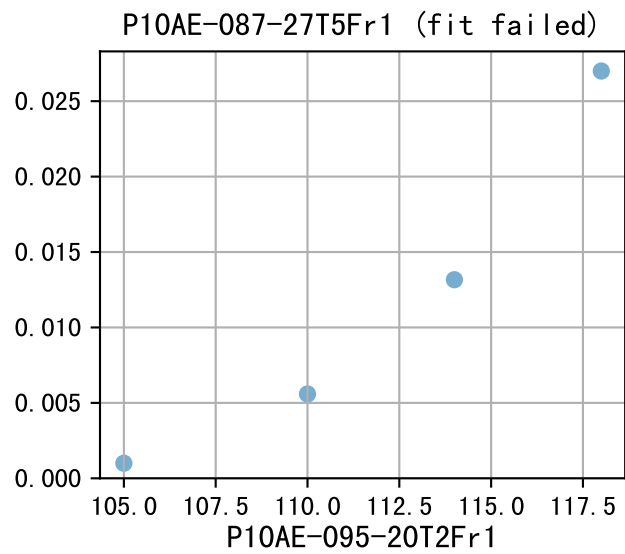


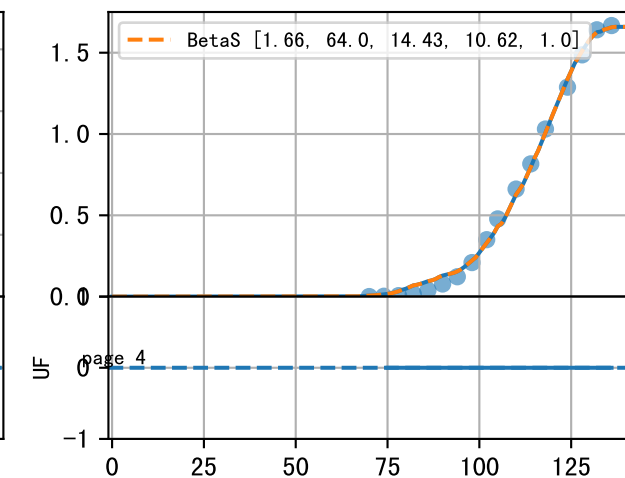
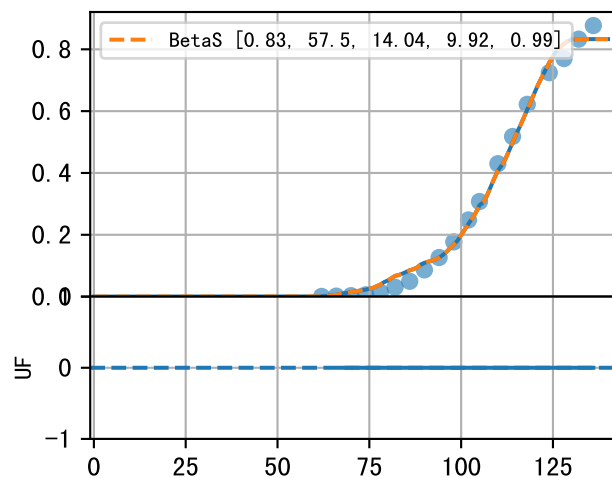
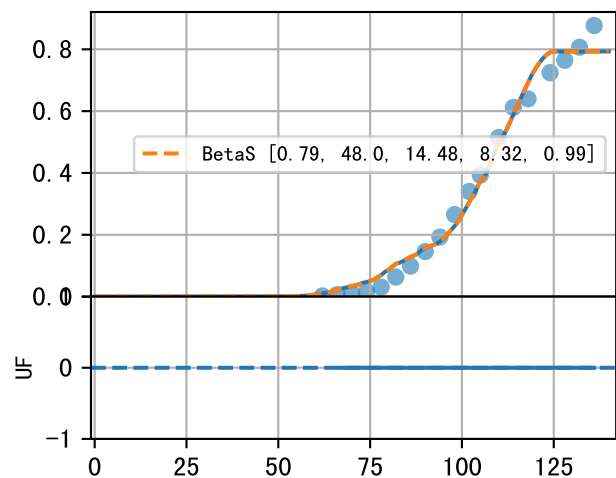
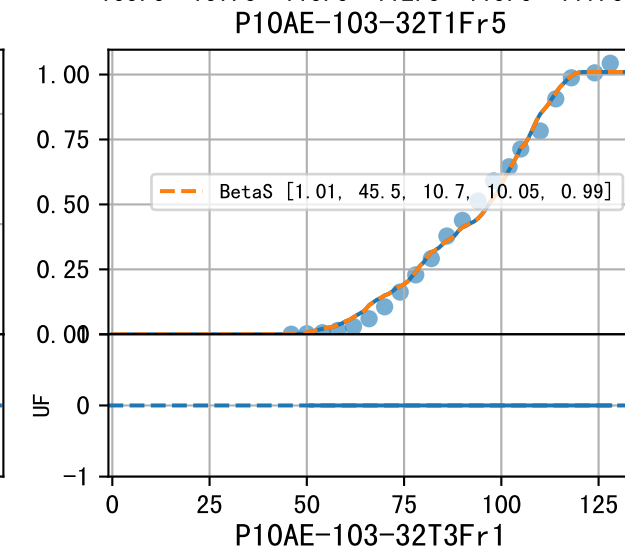
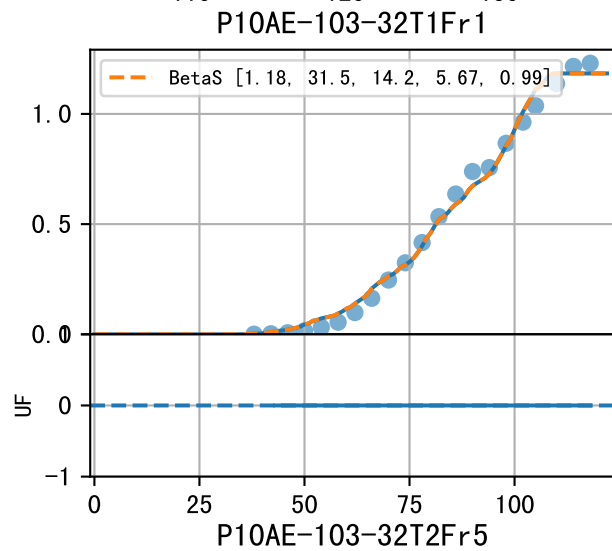
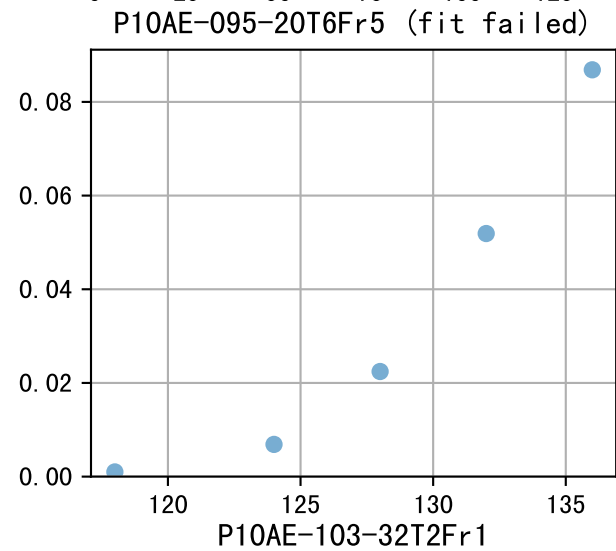
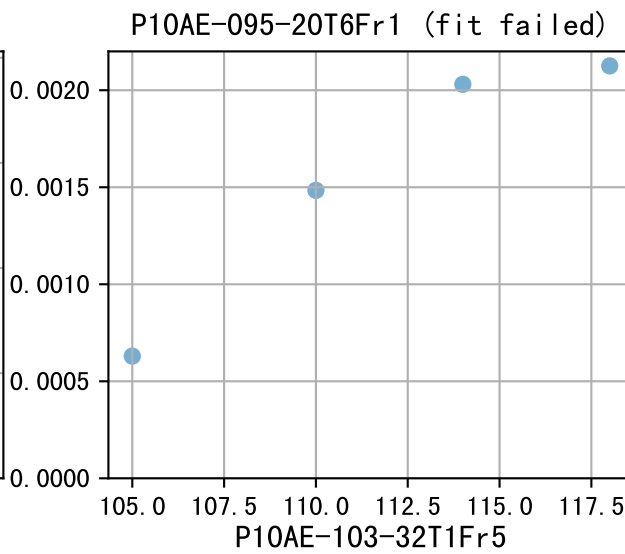
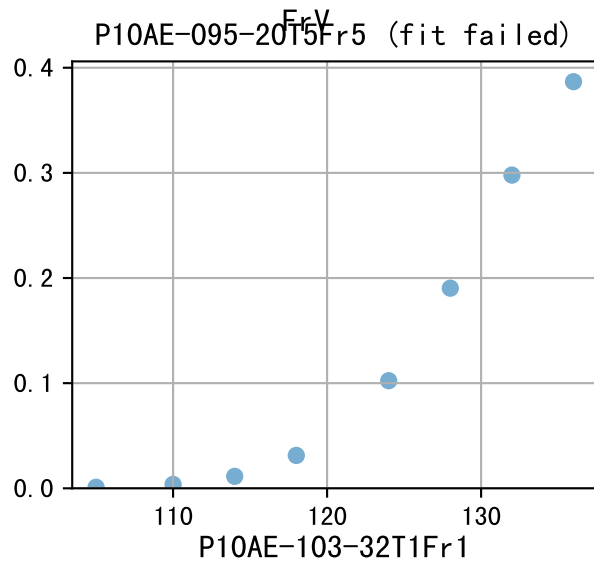
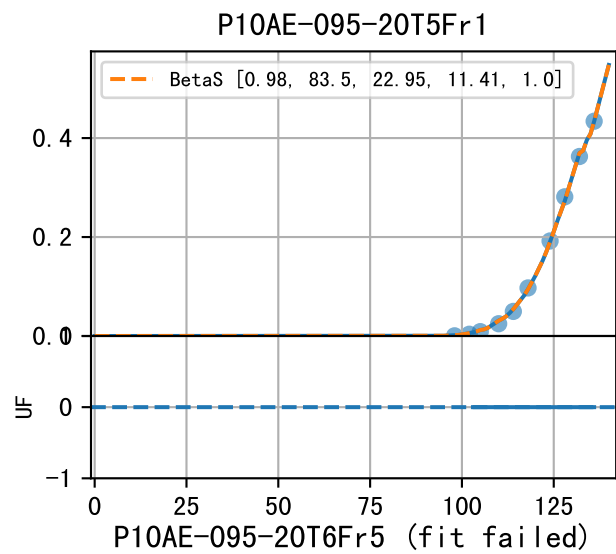
By Plant/Organ Age

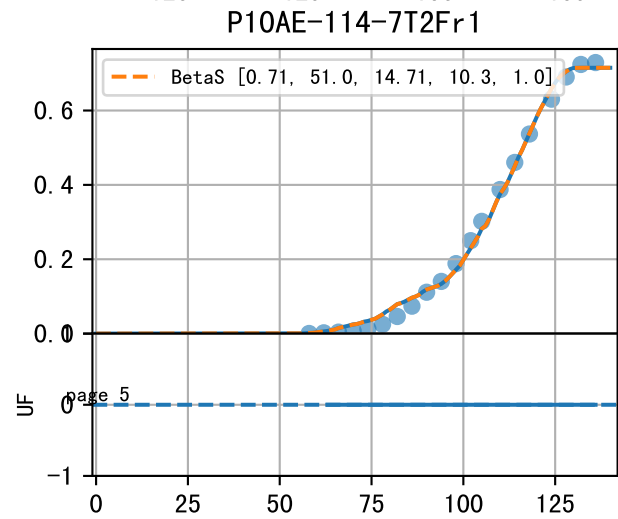
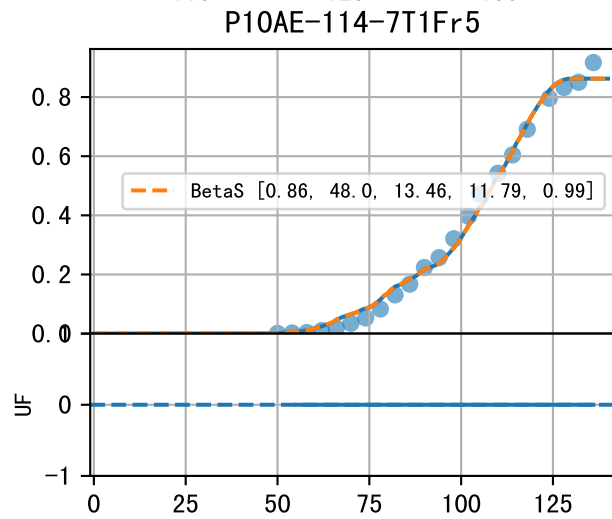
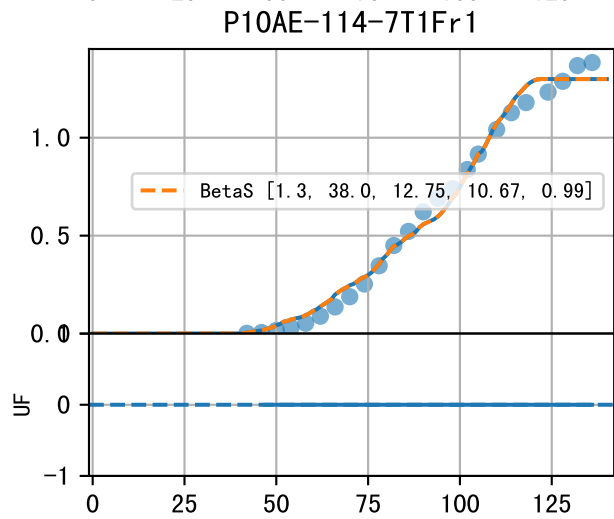
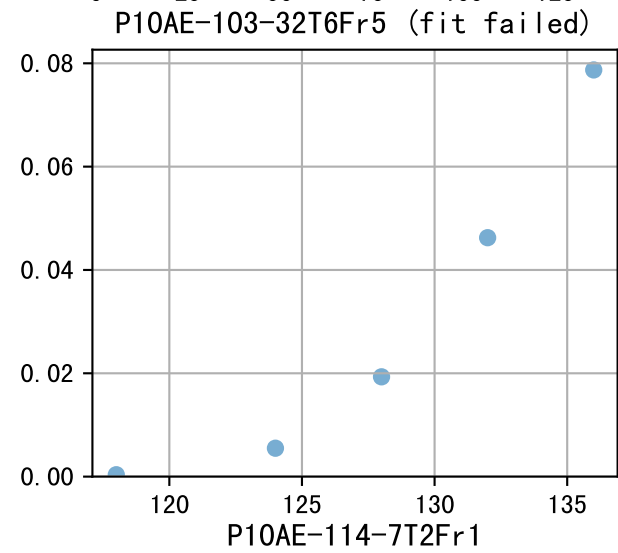
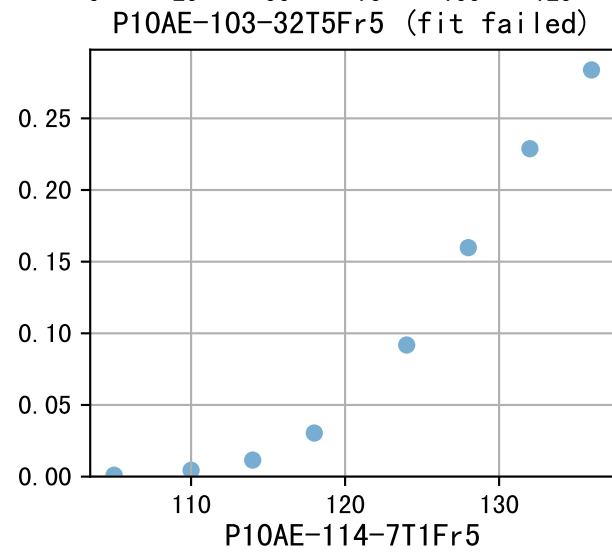
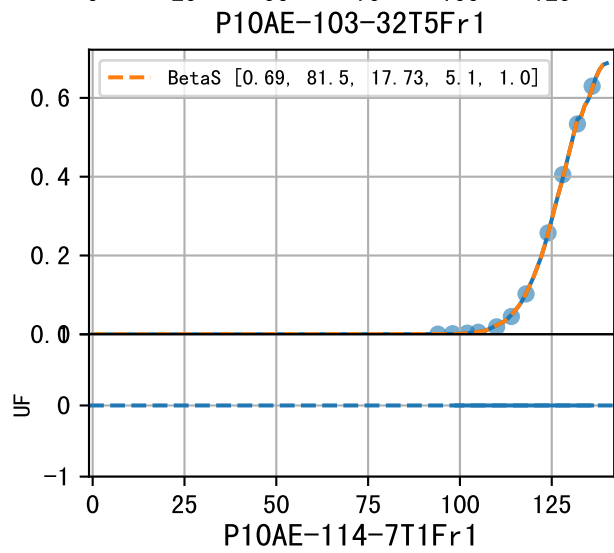
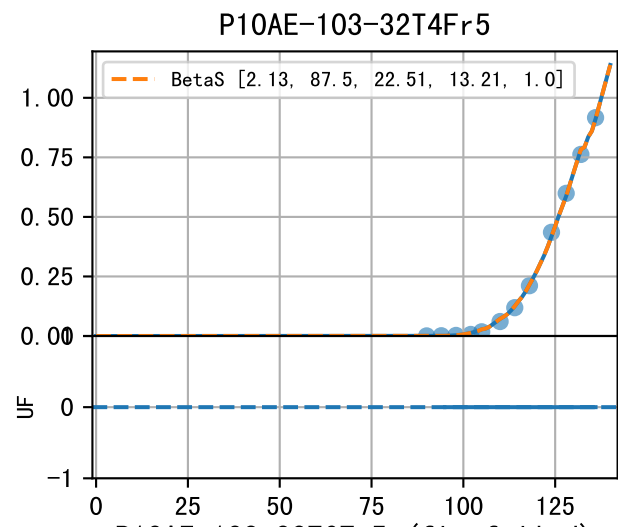
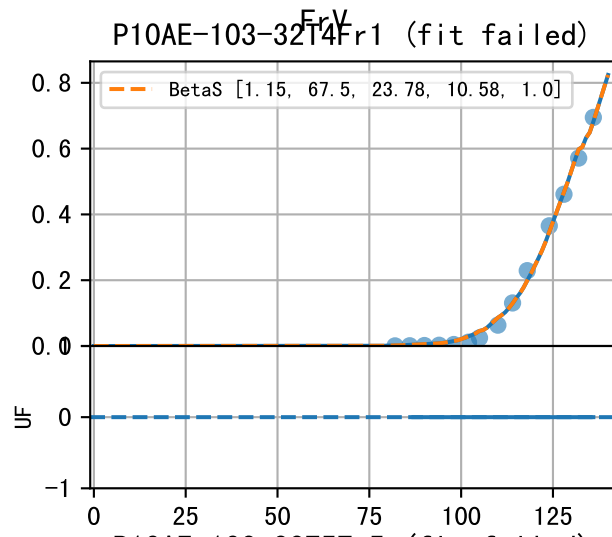
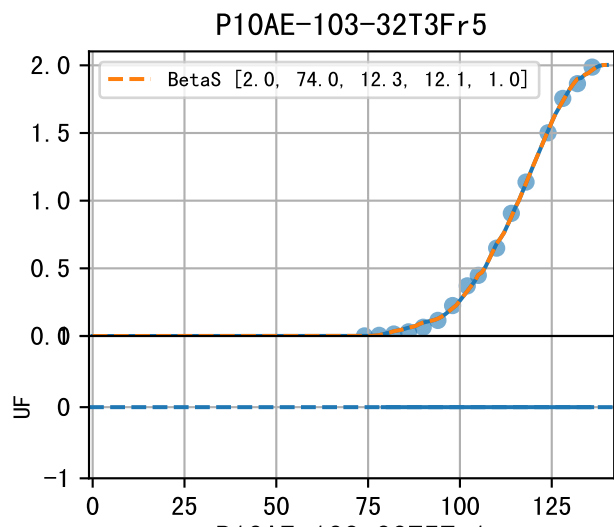


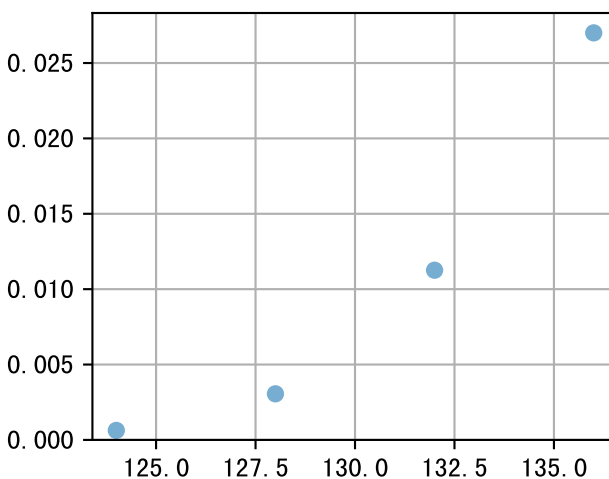
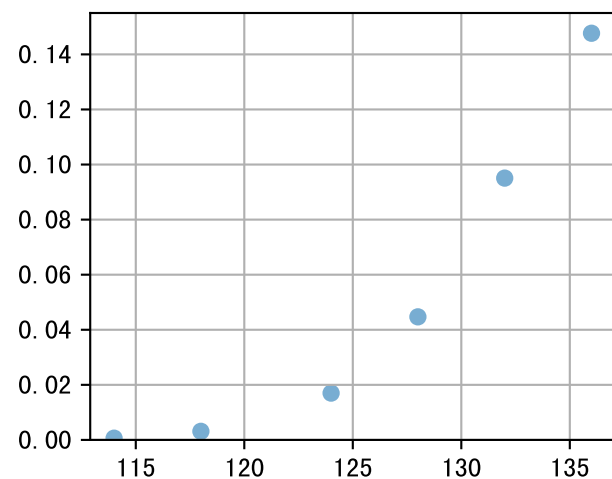
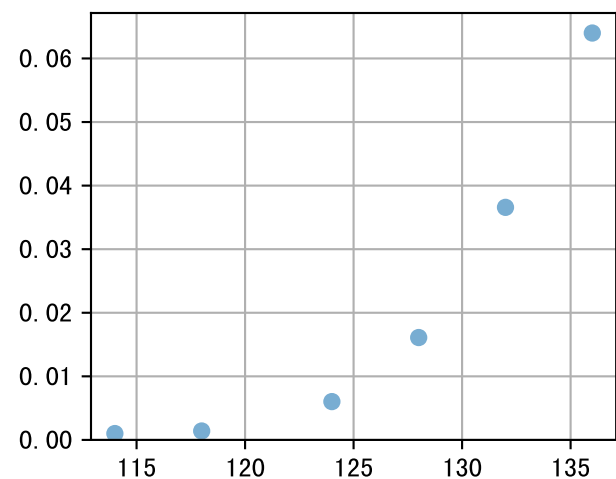
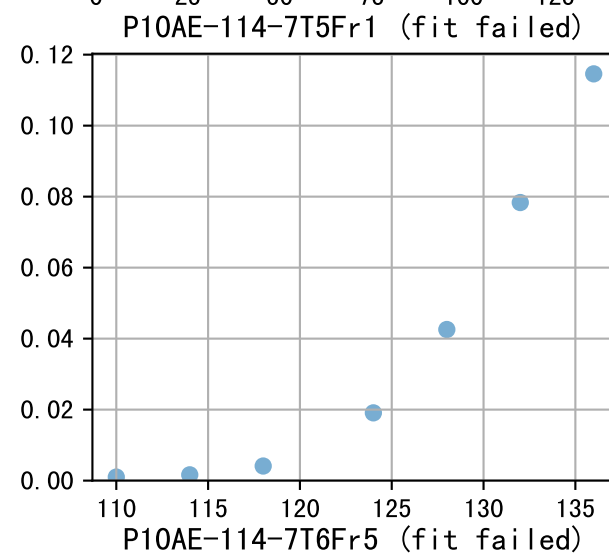
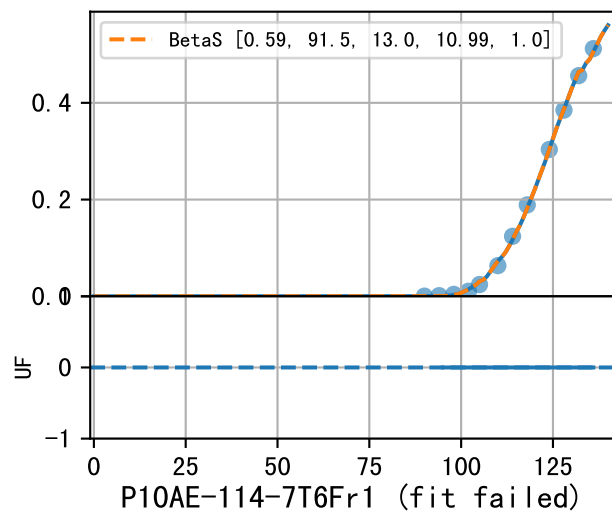
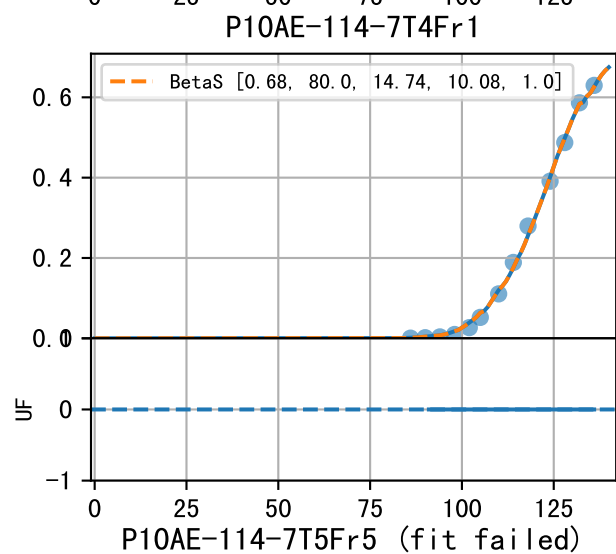
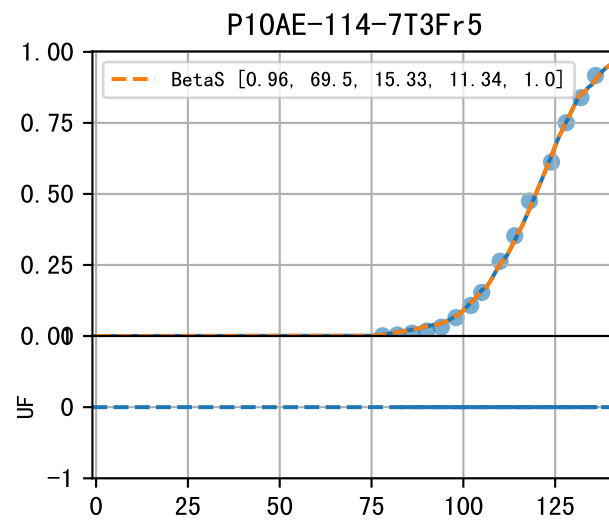
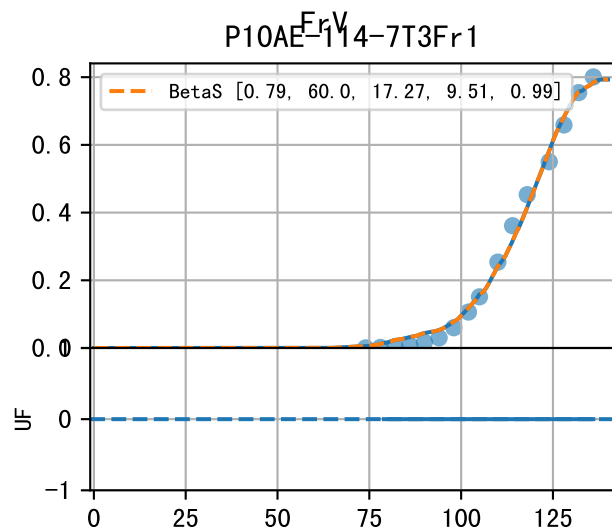
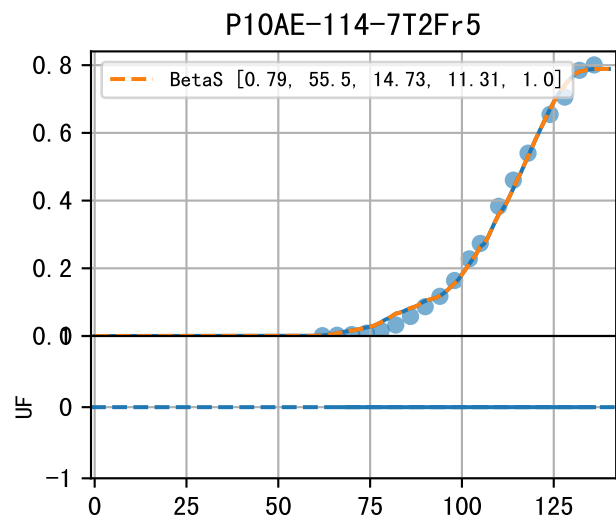




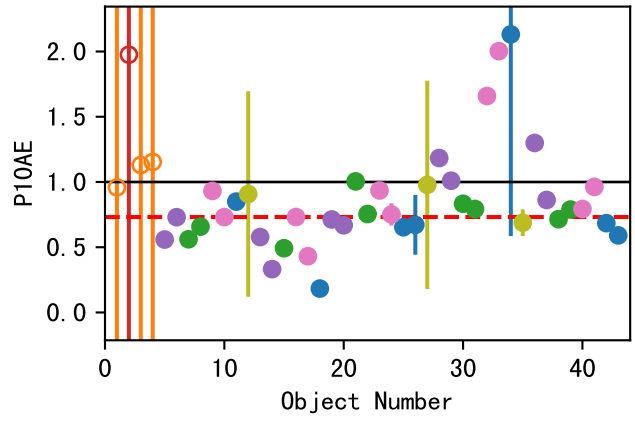




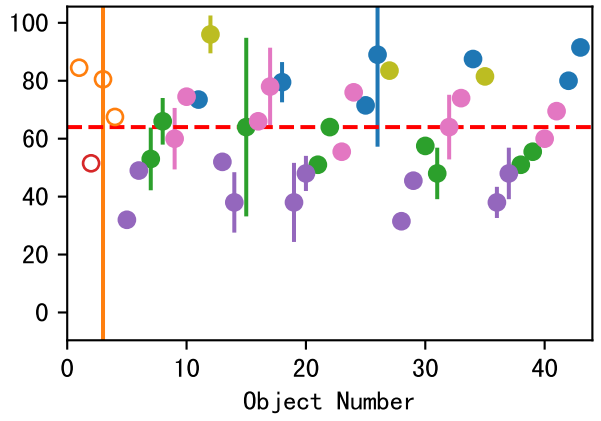




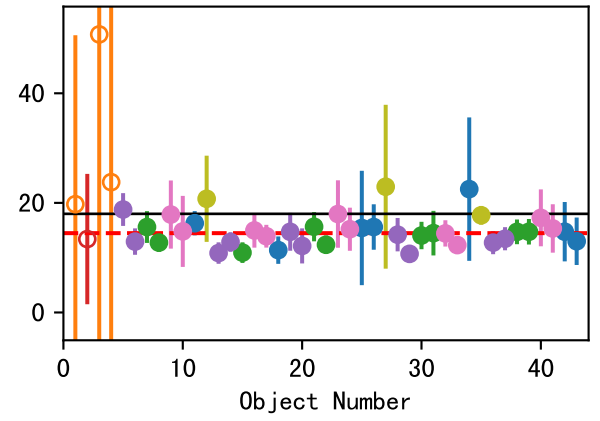
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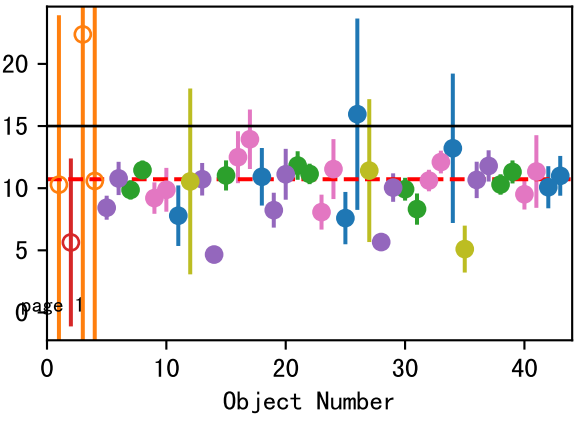
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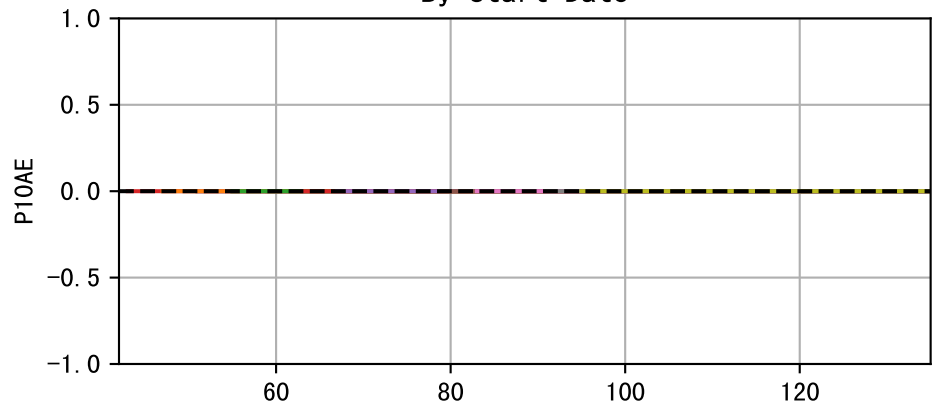
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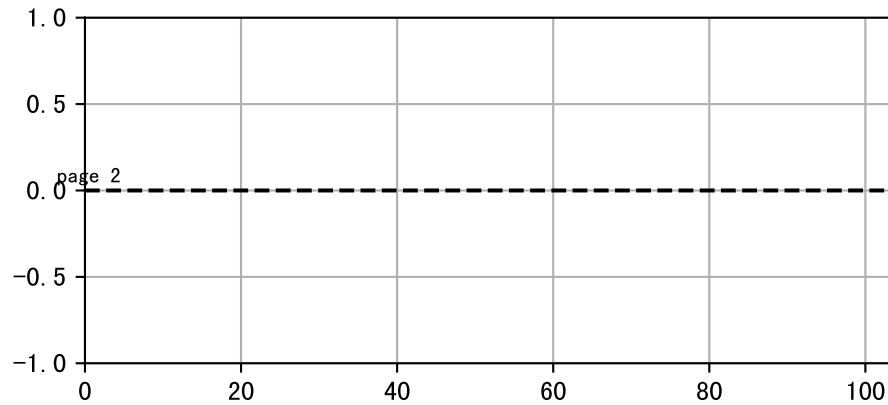
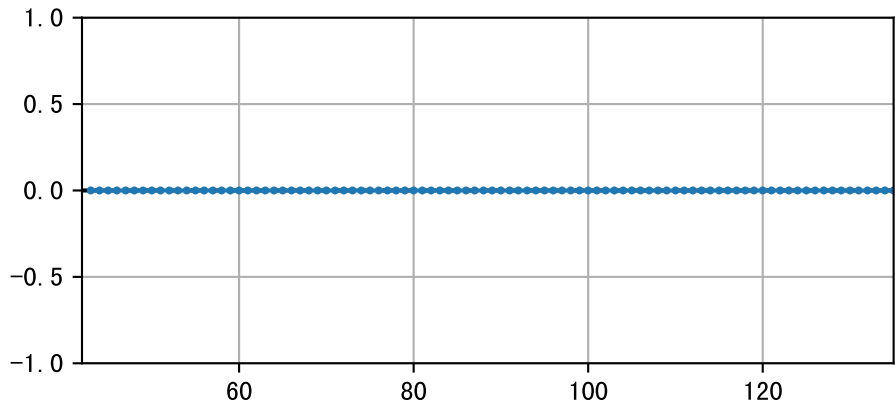
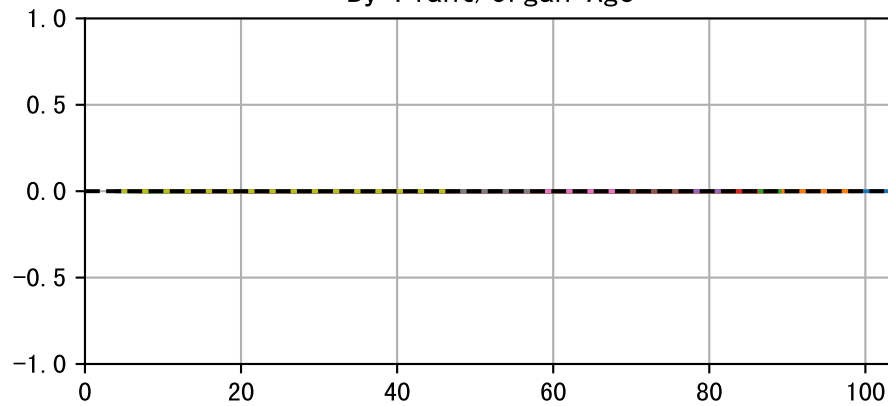
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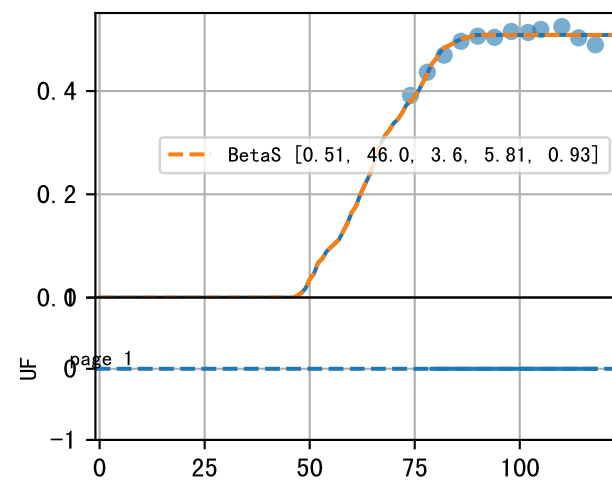
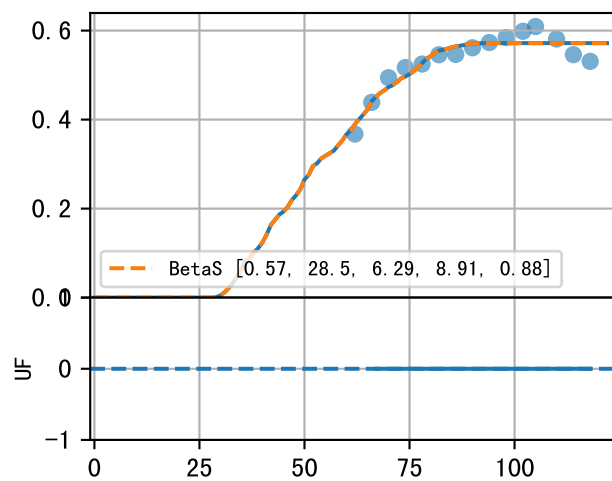
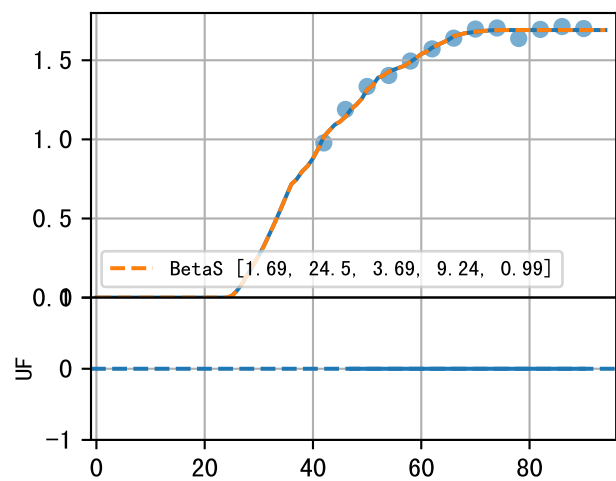
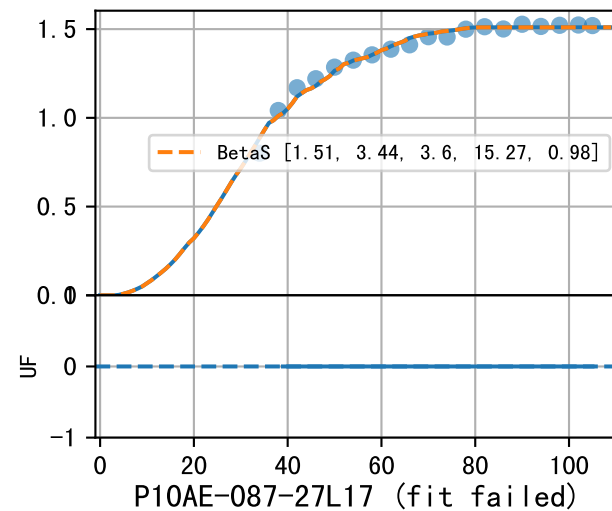
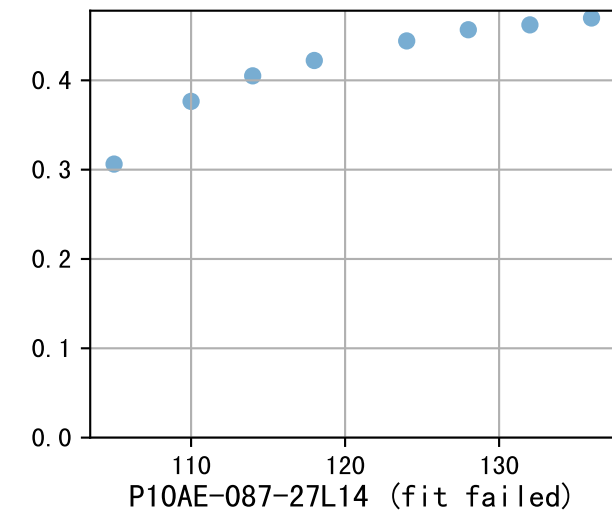
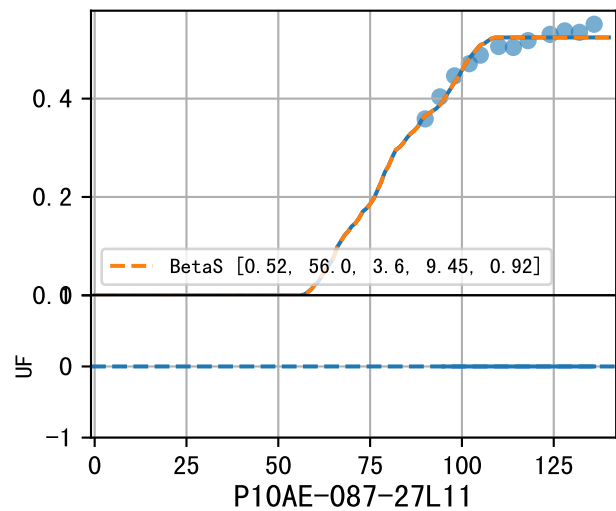
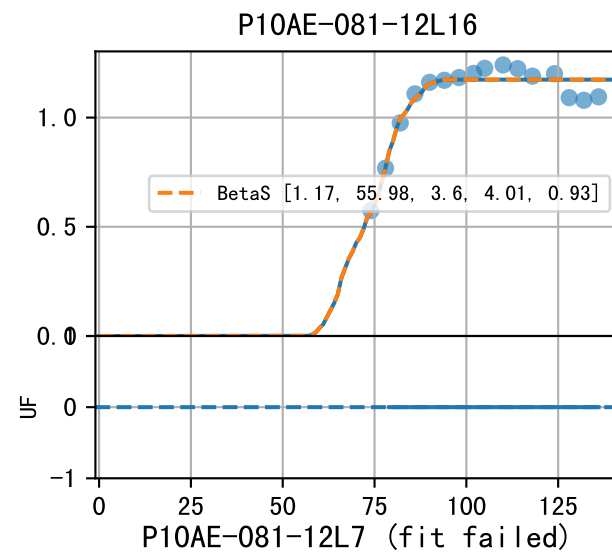
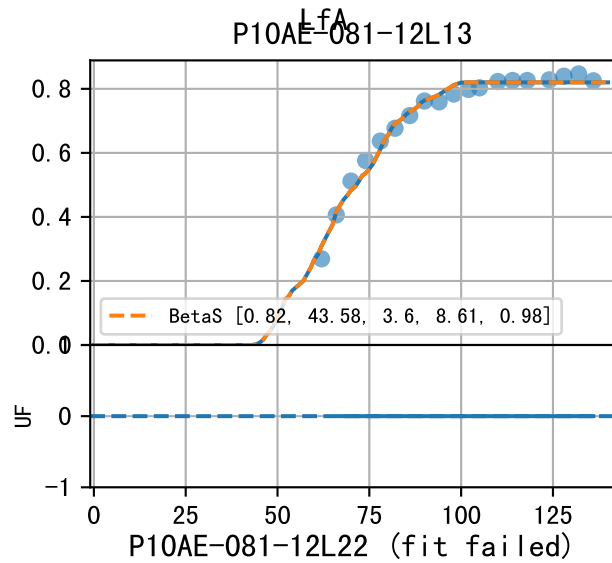
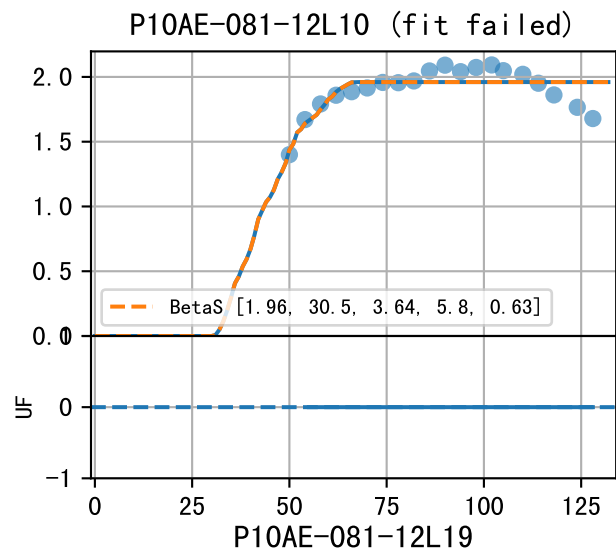


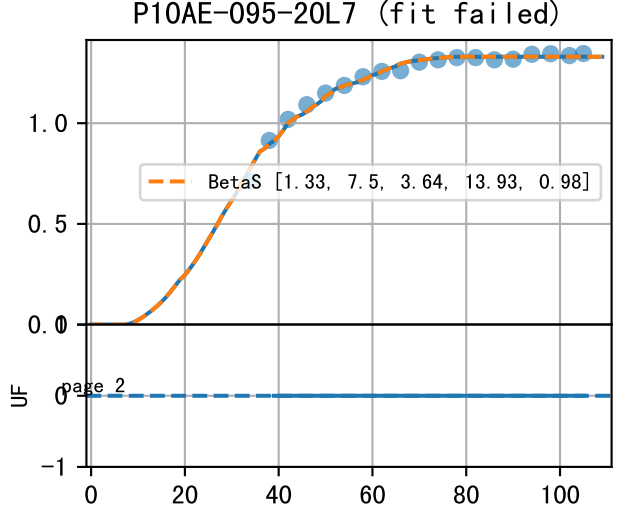
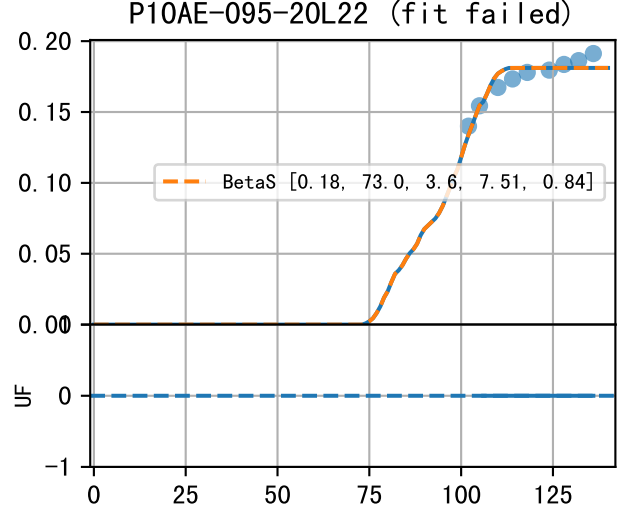
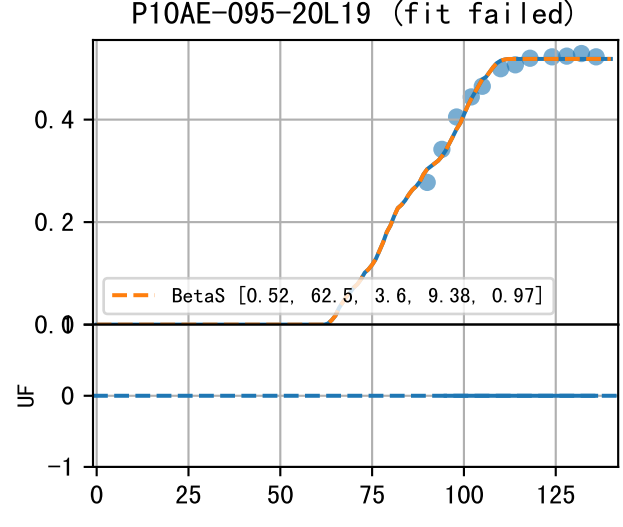
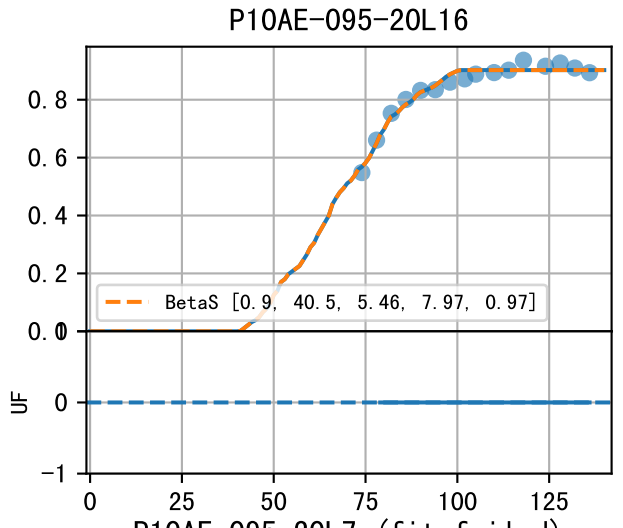
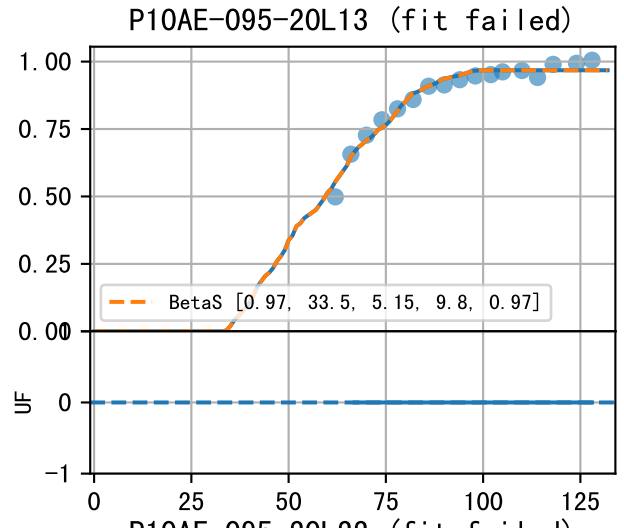
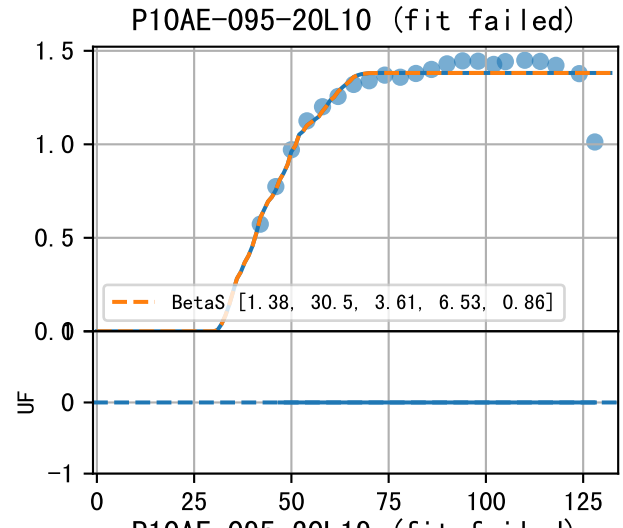
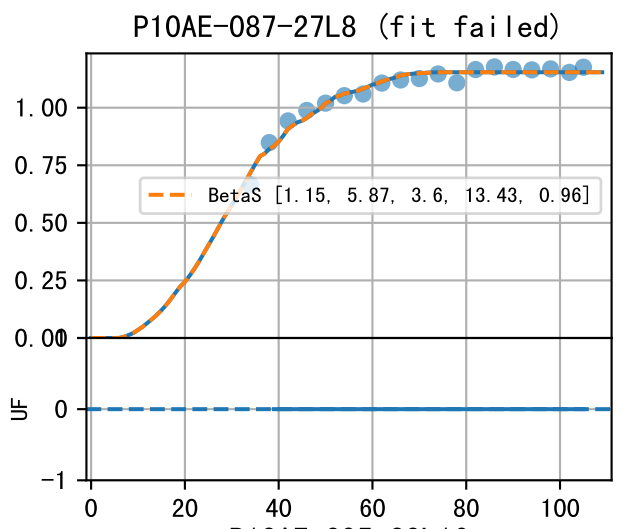
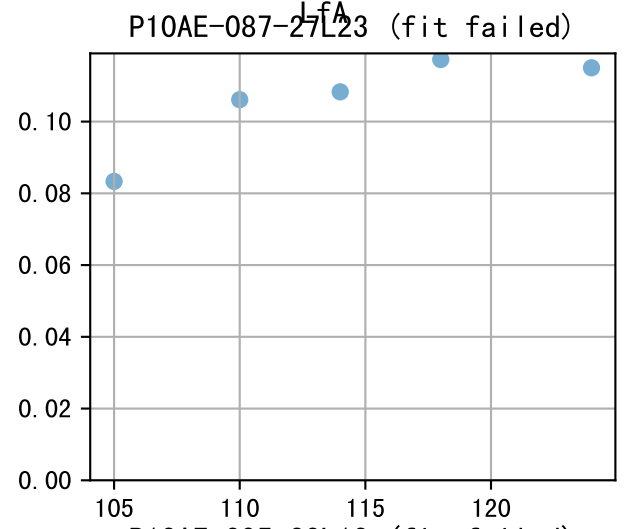
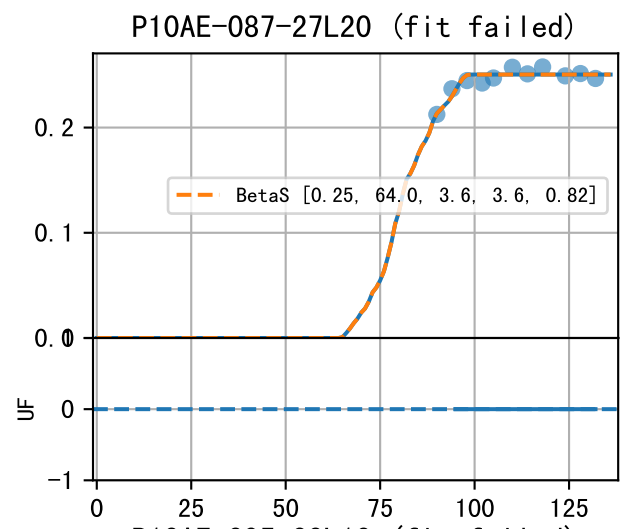
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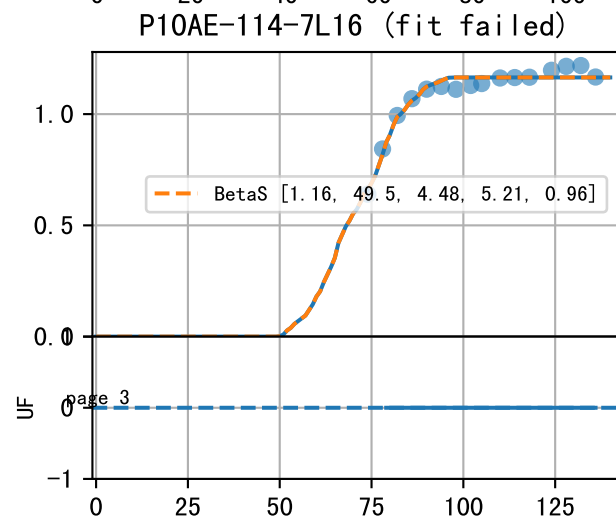
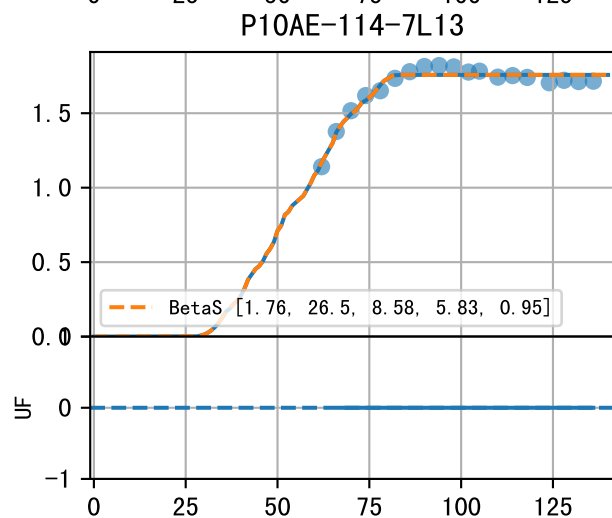
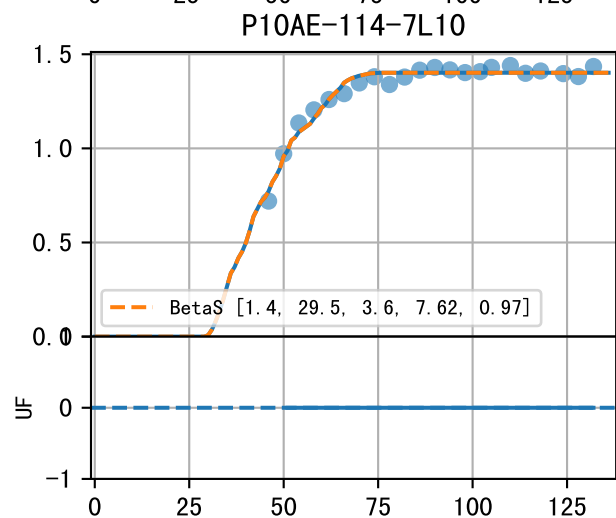
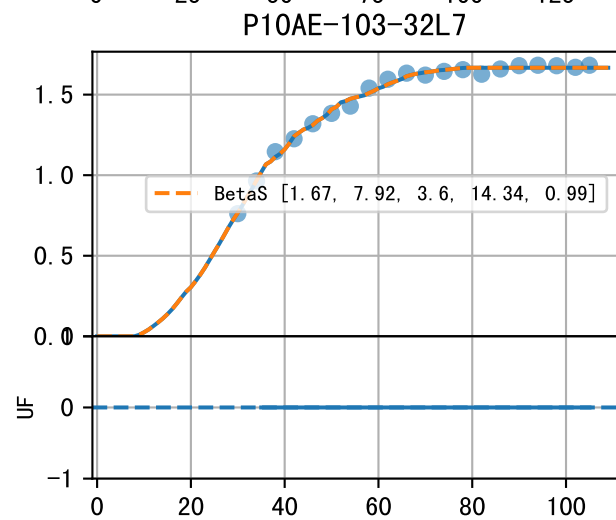
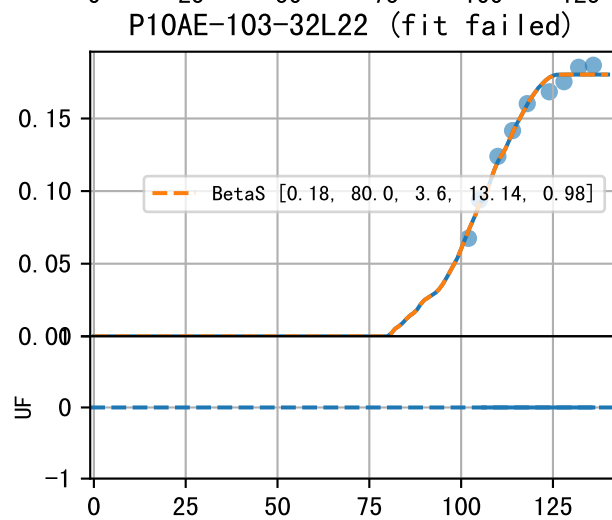
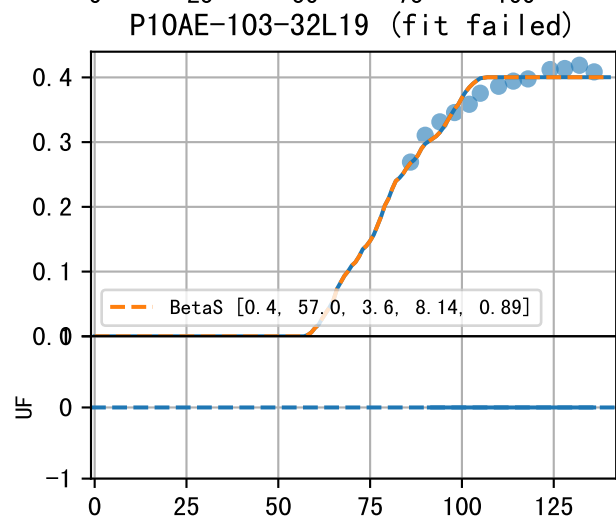
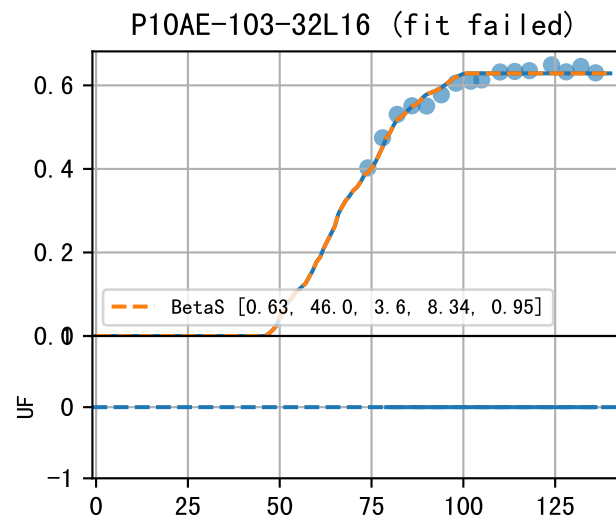
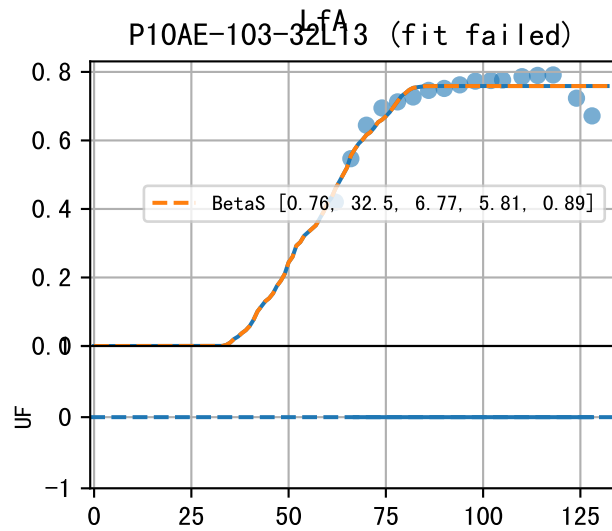
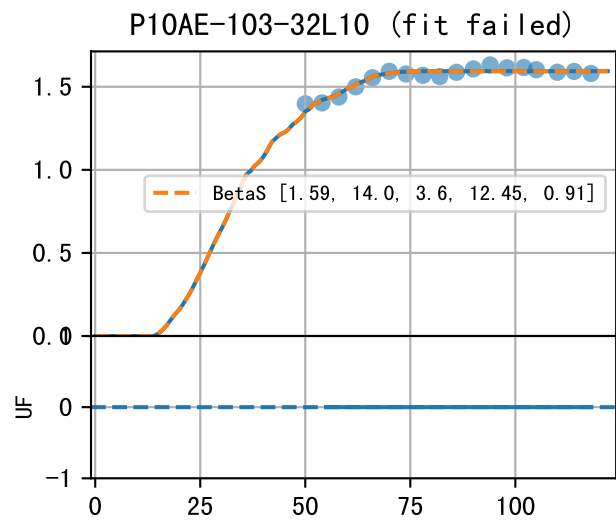


By Plant/Organ Age

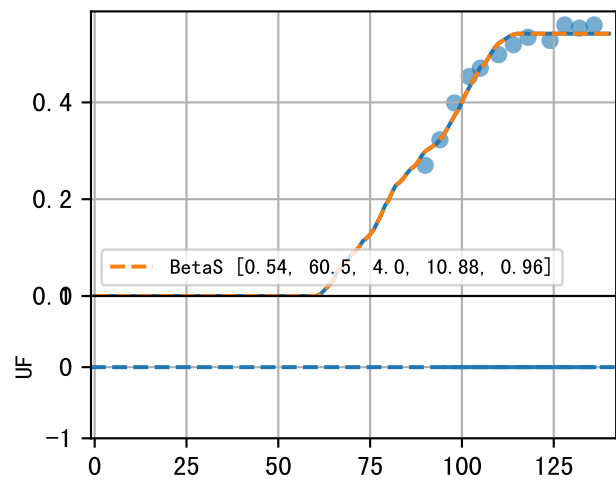




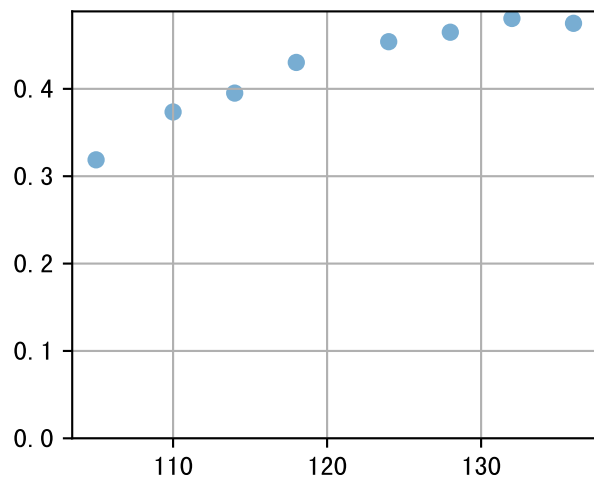




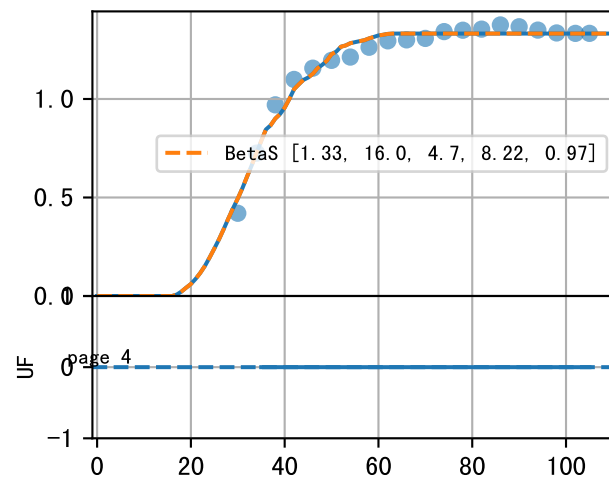
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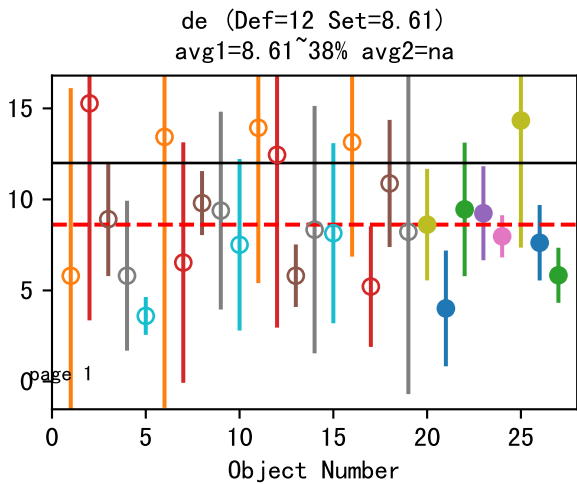
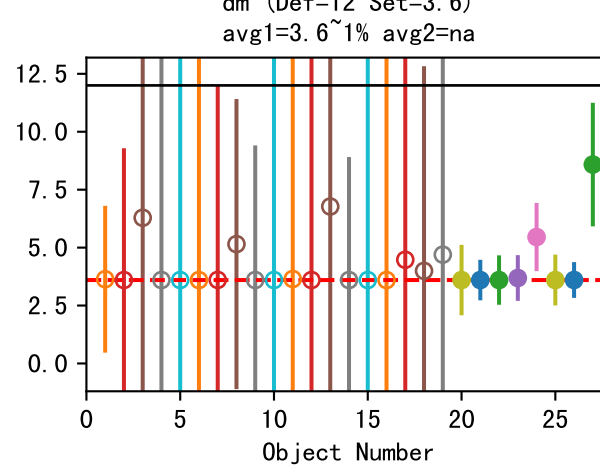
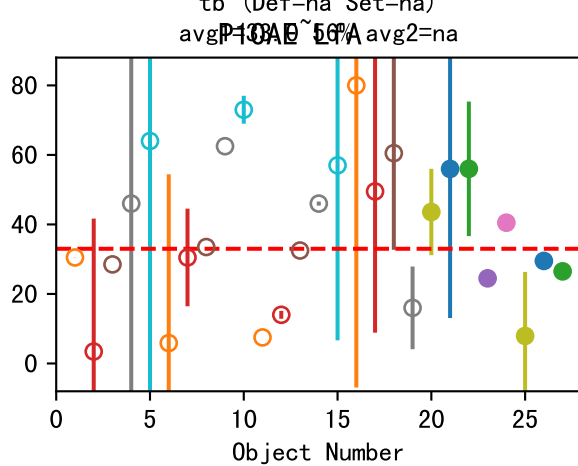
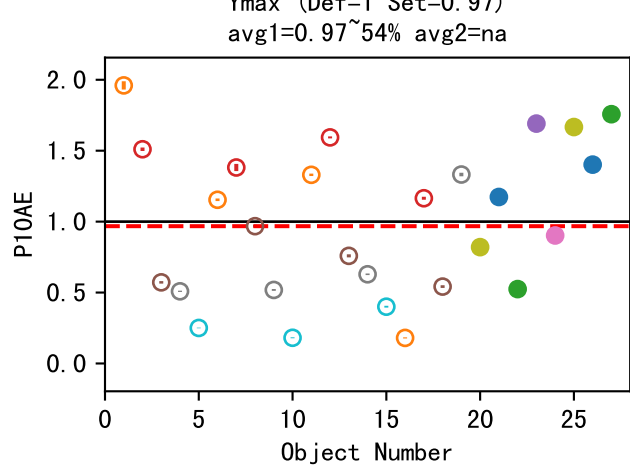


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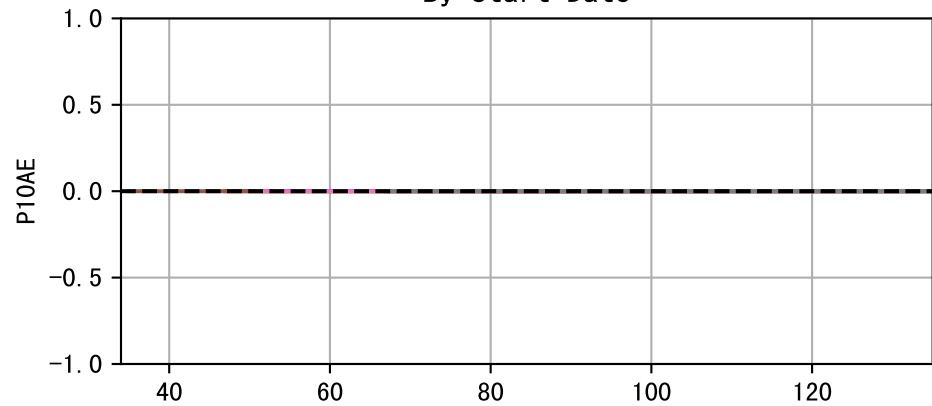


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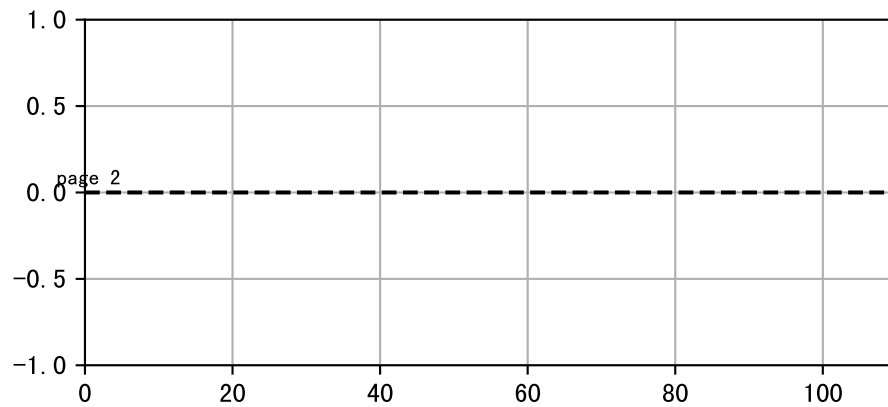
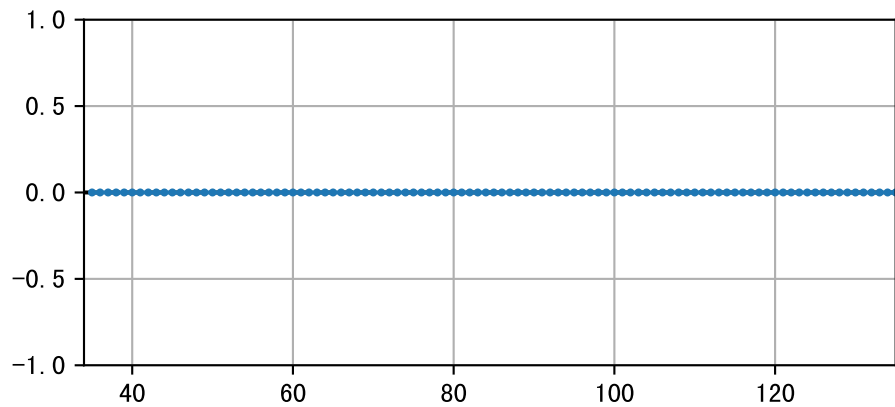
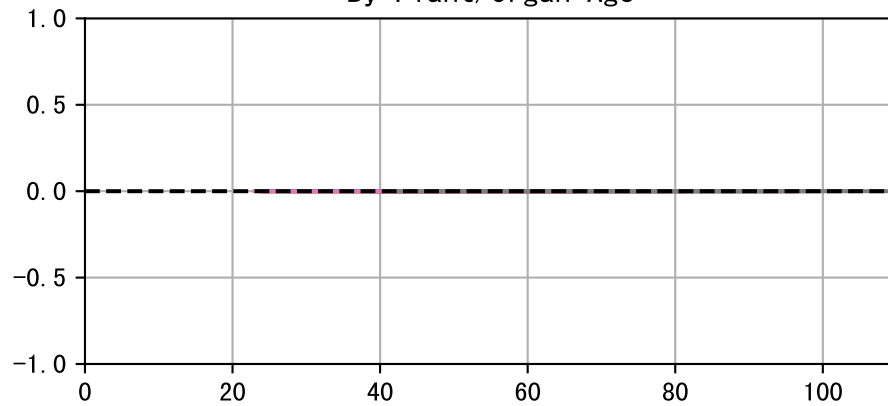


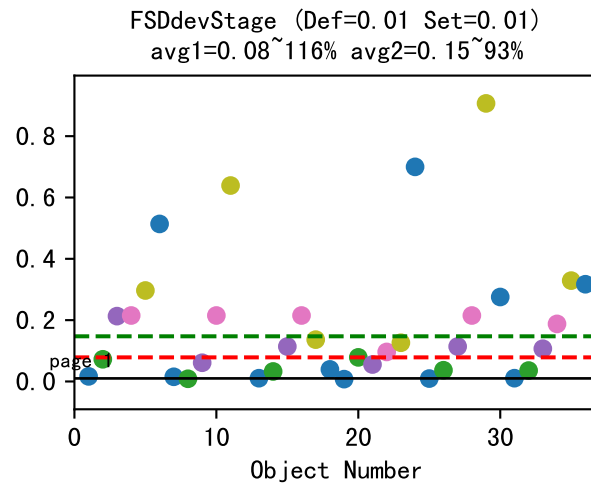
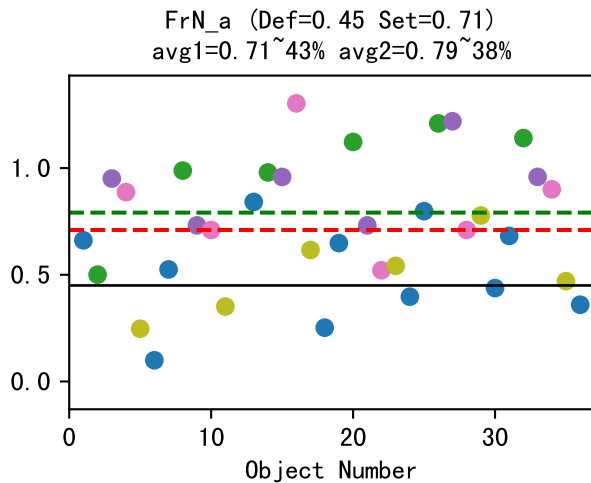
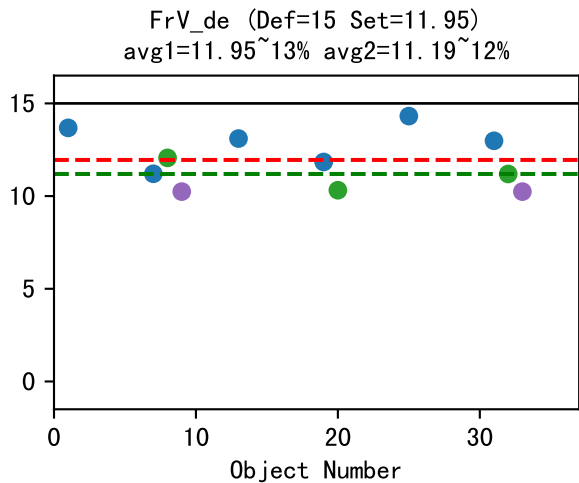
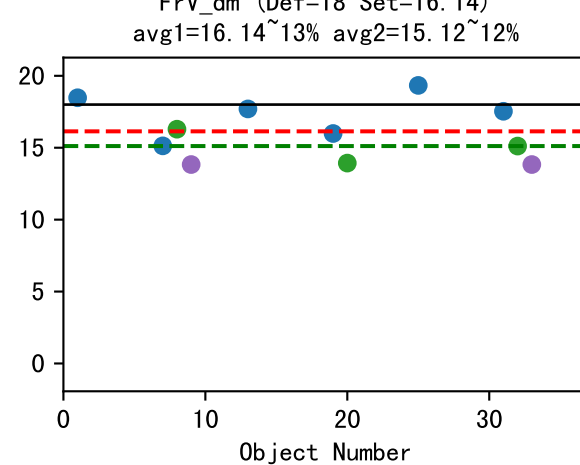
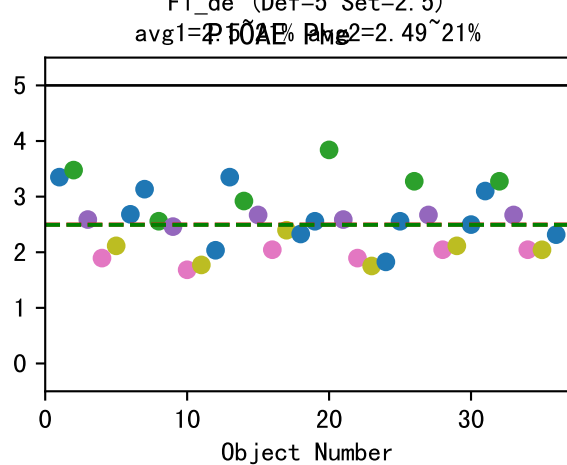
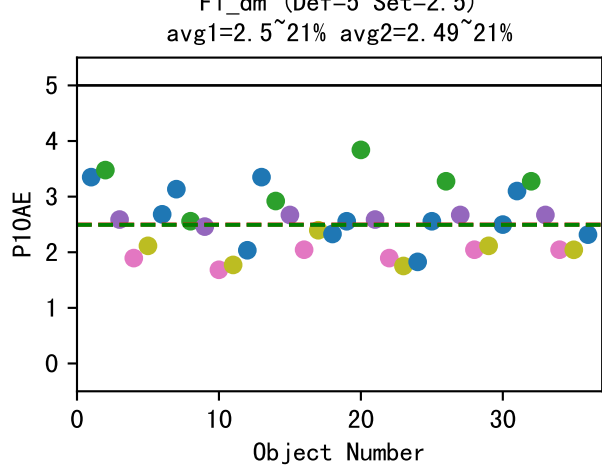


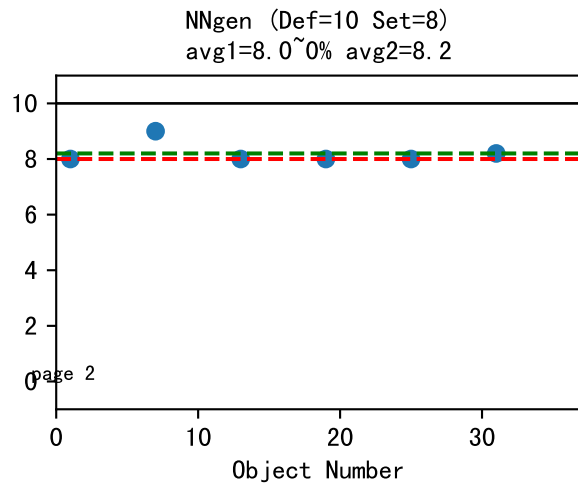
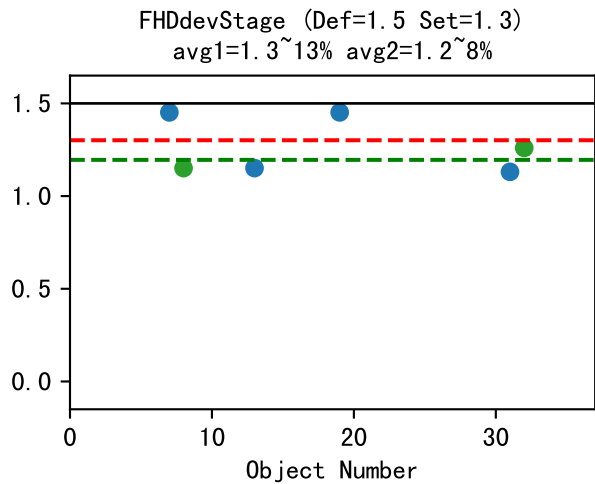
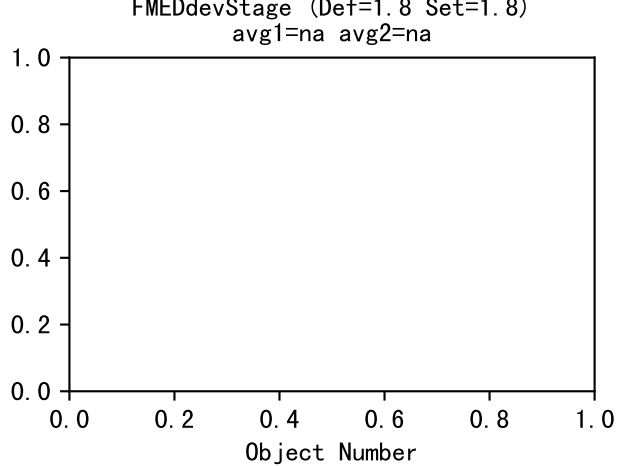
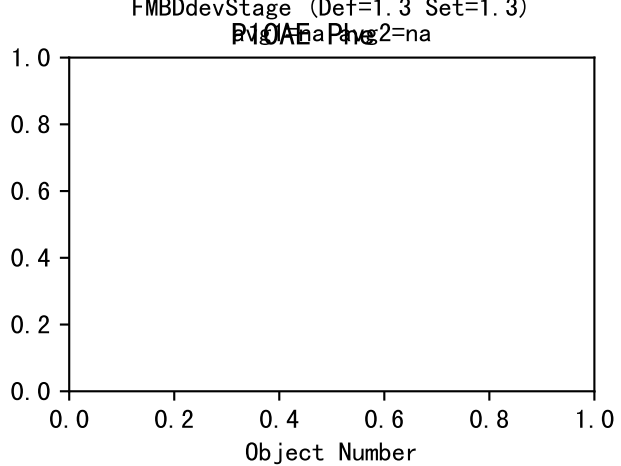
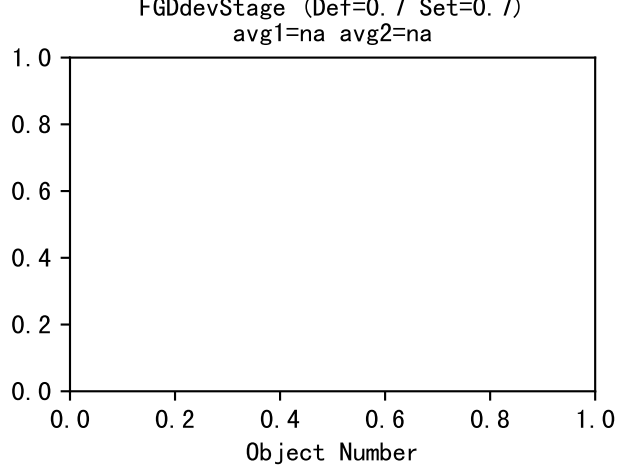
By Start Date



By Plant/Organ Age



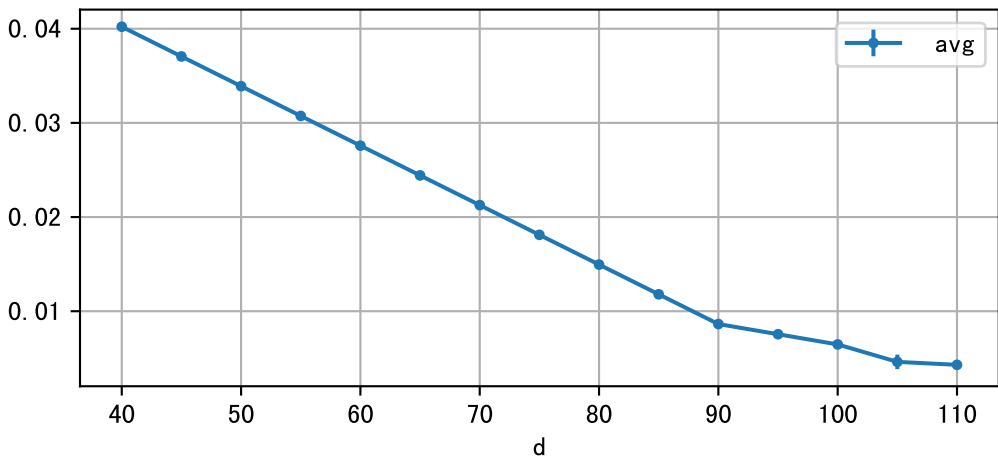




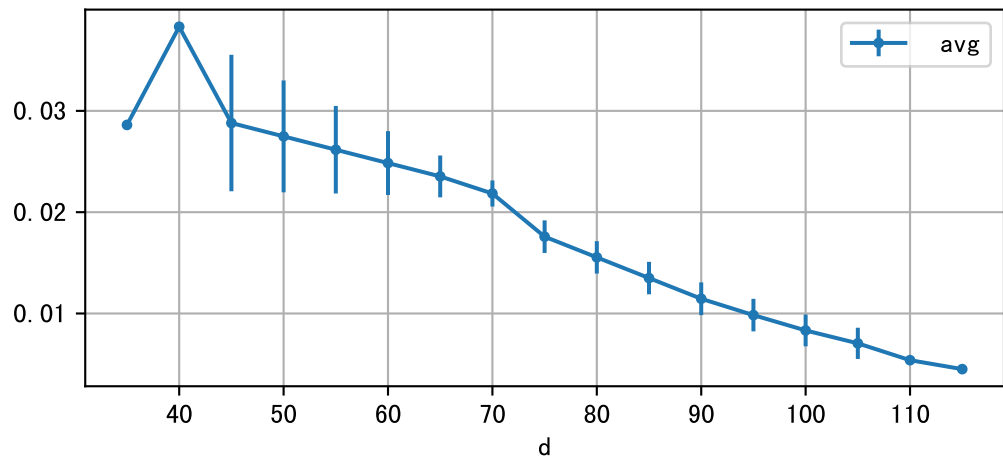
LfA: avg vs. d at each age group

page 1

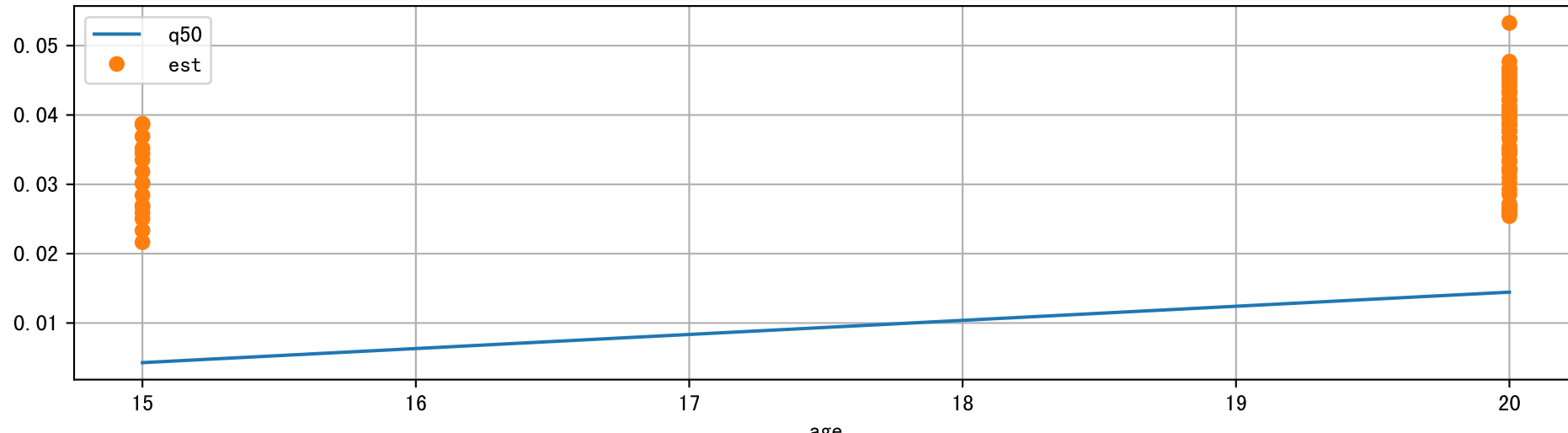
age=15



age=20

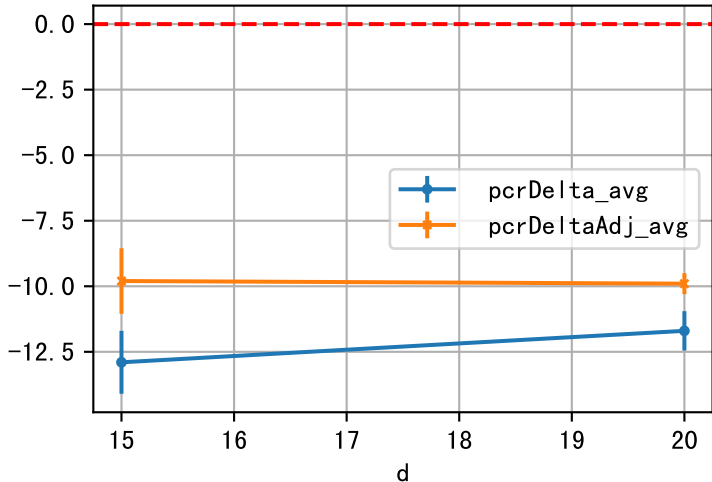


LfA: model est vs obs0v@Q50

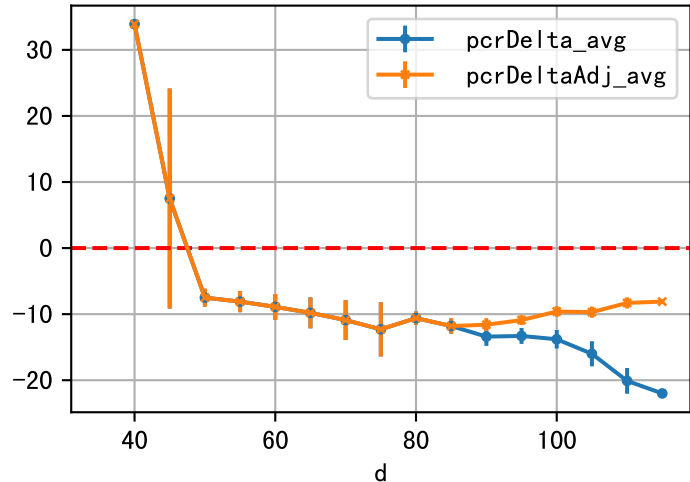


P10AE LfA: D_5d_LfA

DeltaTypeAbbr=GrpByAge

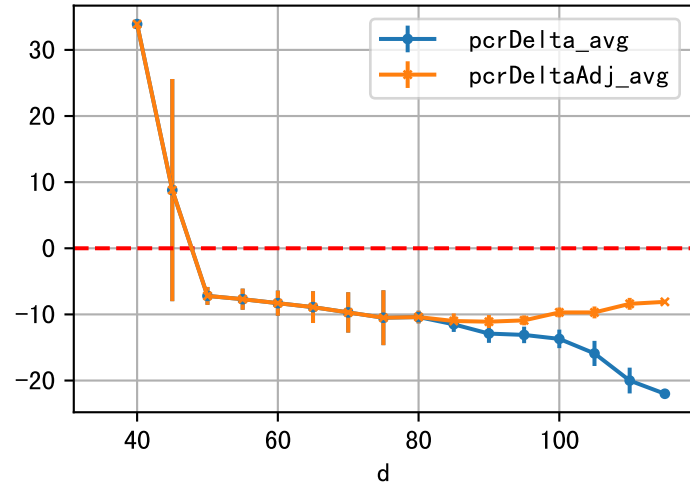


DeltaTypeAbbr=GrpByDay



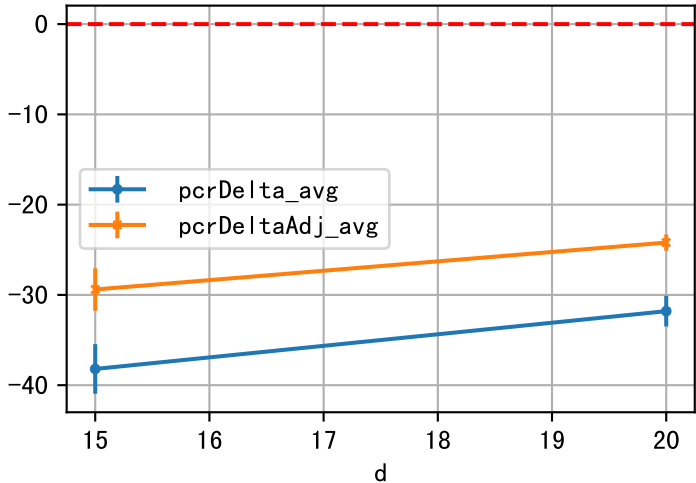
page 3

DeltaTypeAbbr=Wei AvgByD

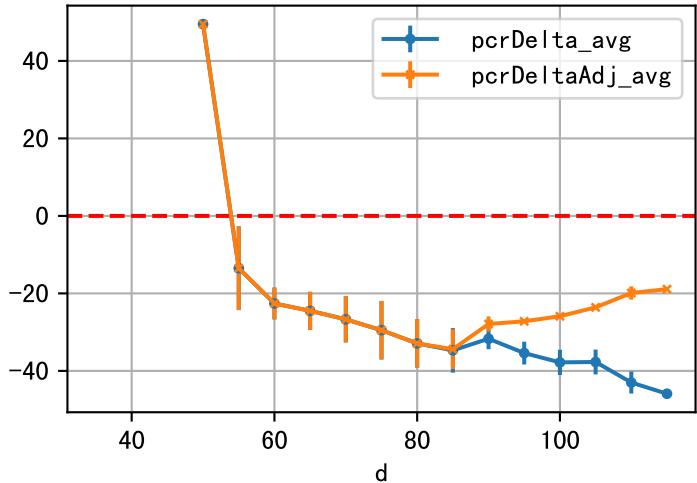


P10AE LfA: D_15d_LfA

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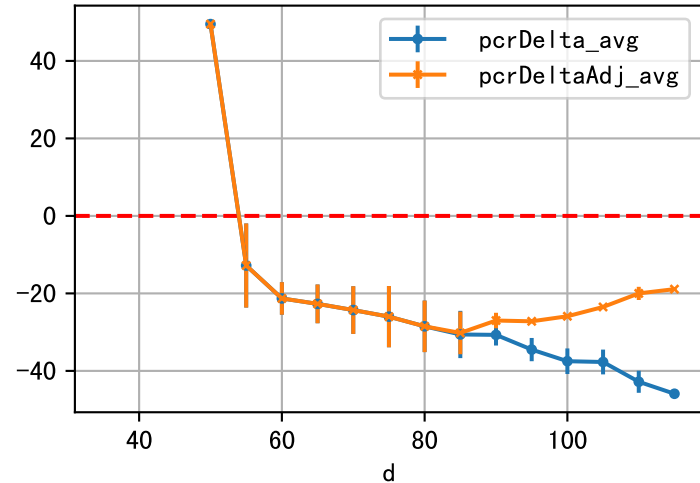


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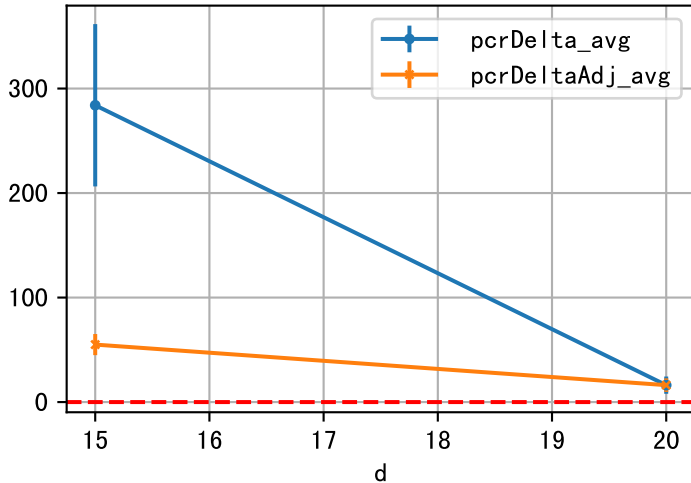
page 4

DeltaTypeAbbr=Wei AvgByD

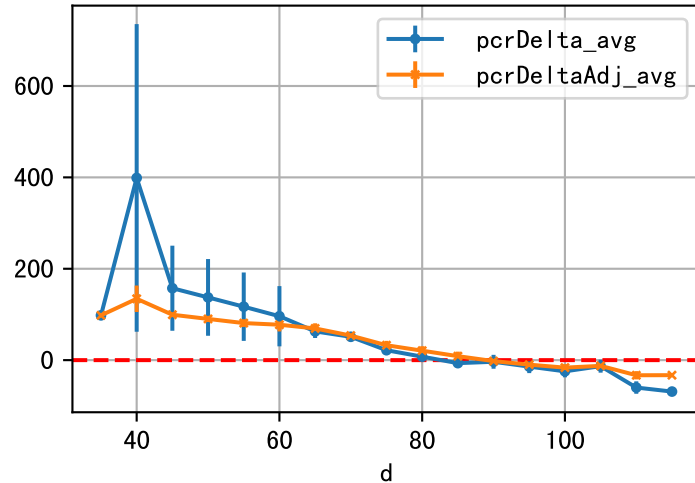


P10AE LfA: D_Q50_LfA

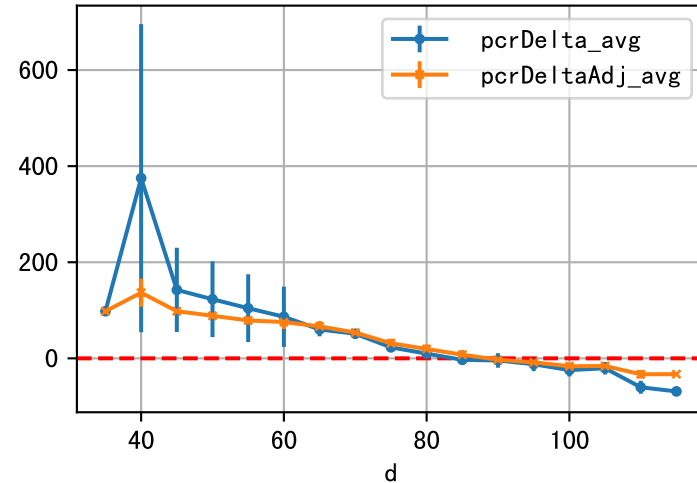
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay



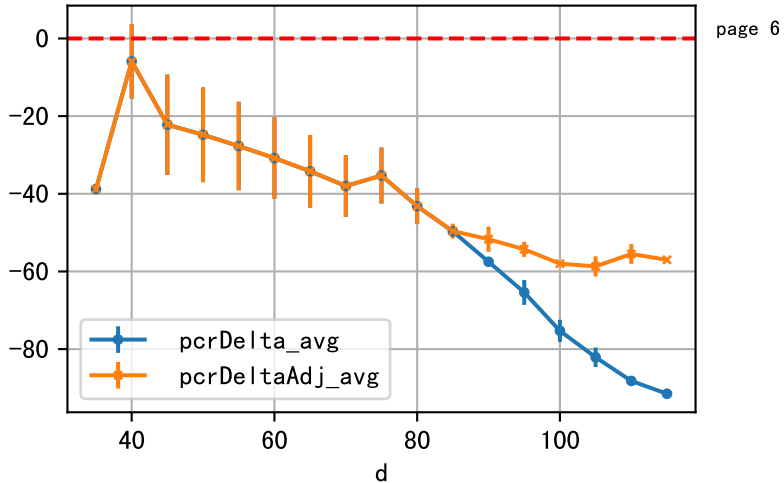
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DeltaTypeAbbr=GrpByAge

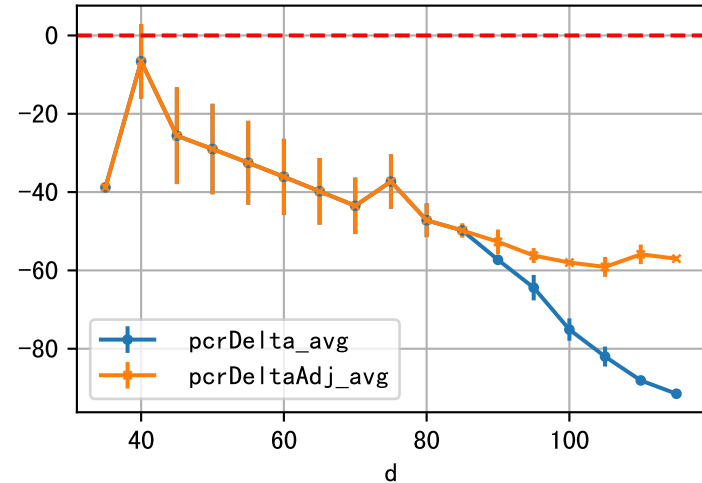


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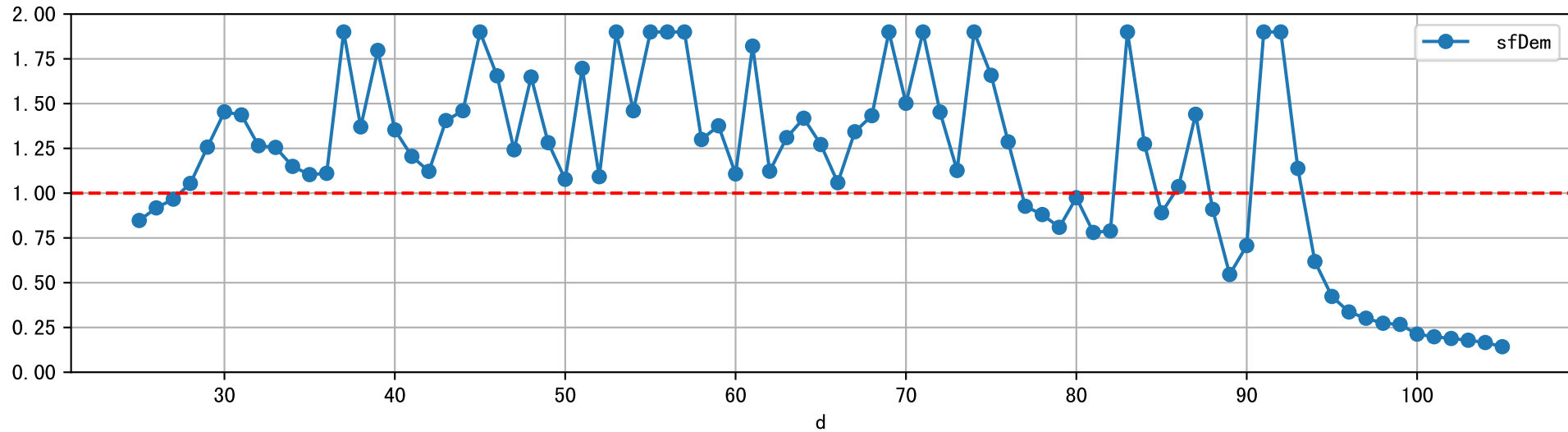


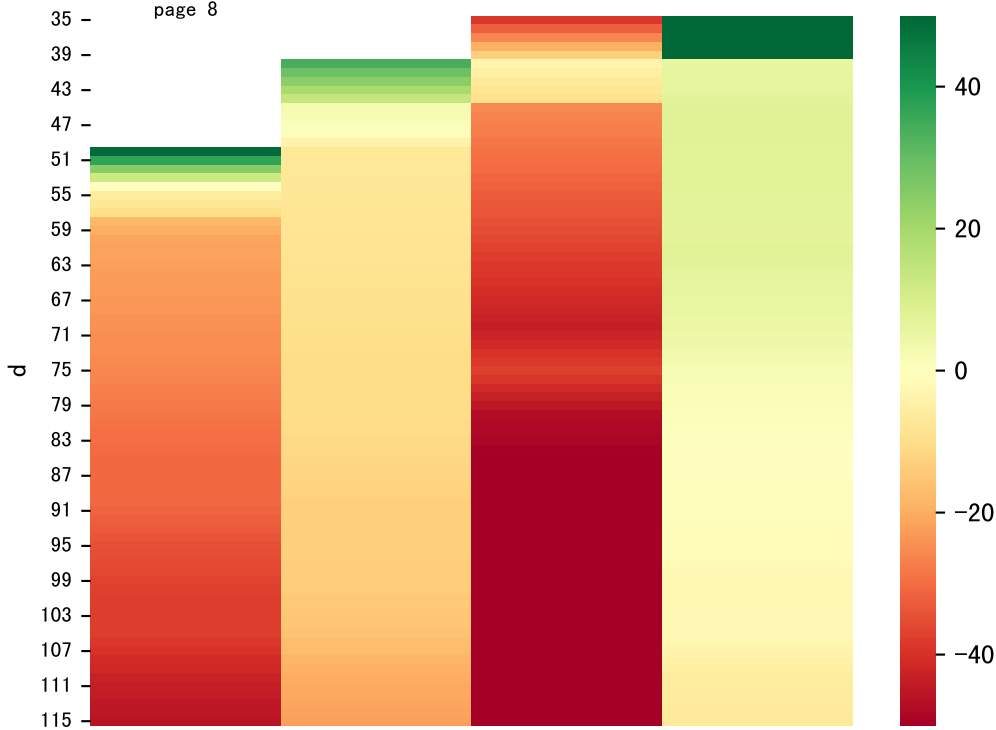
page 6

DeltaTypeAbbr=Wei AvgByD



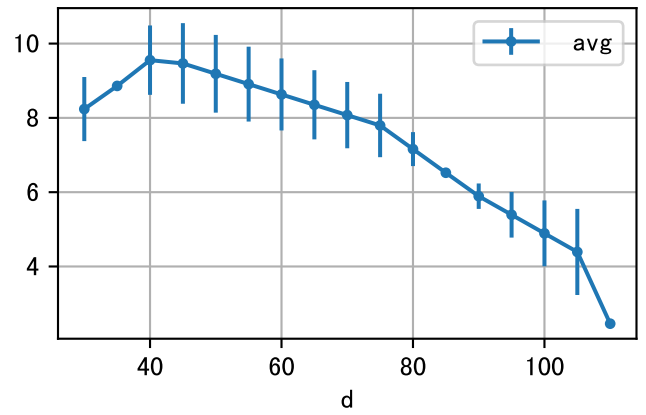
LfA: sfDem



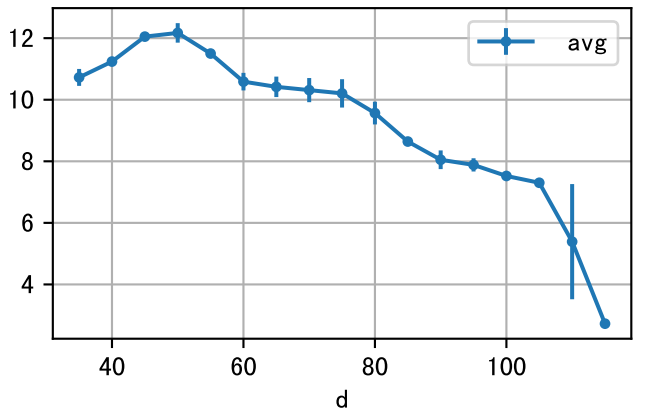


NdD: avg vs. d at each age group

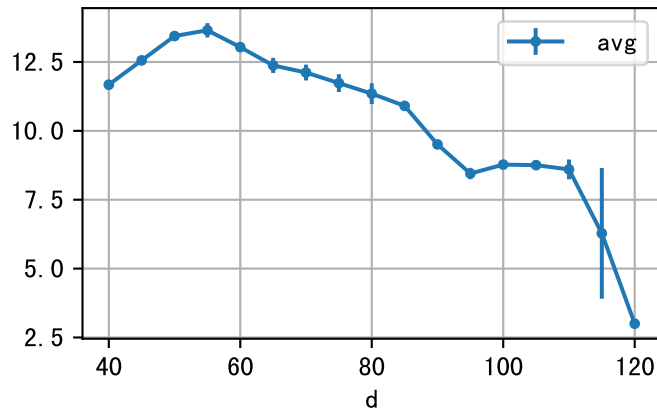
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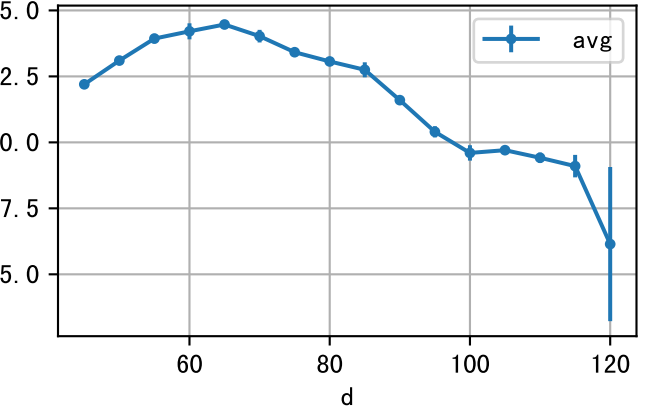
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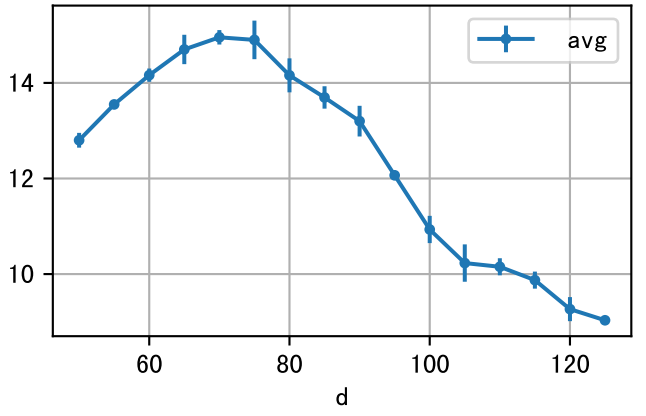
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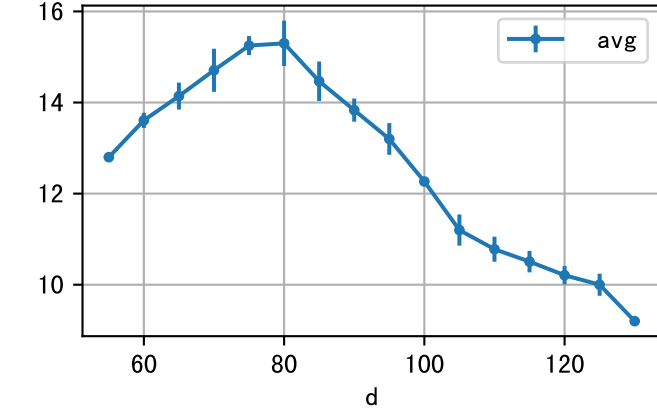
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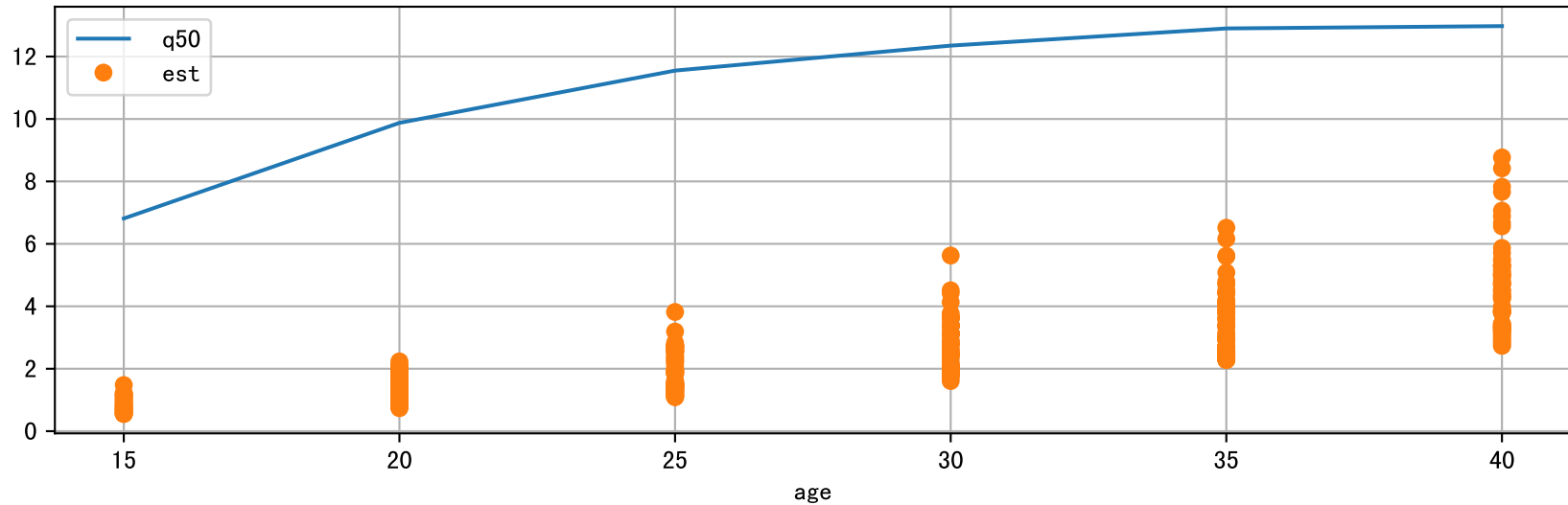
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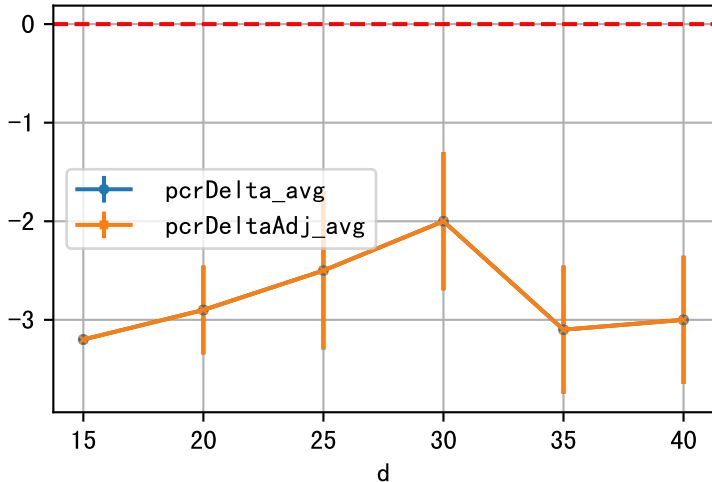
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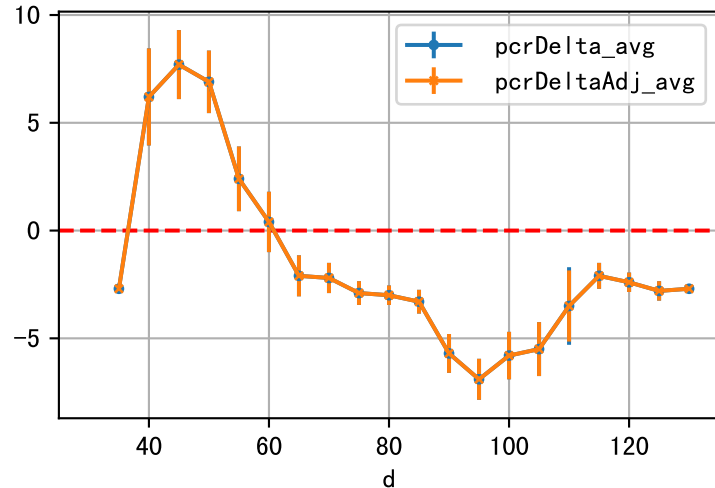
NdD: model est vs obs0v@Q50



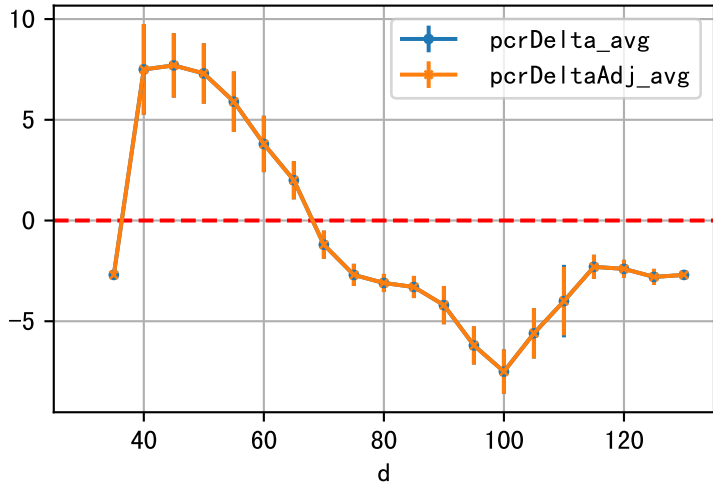
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

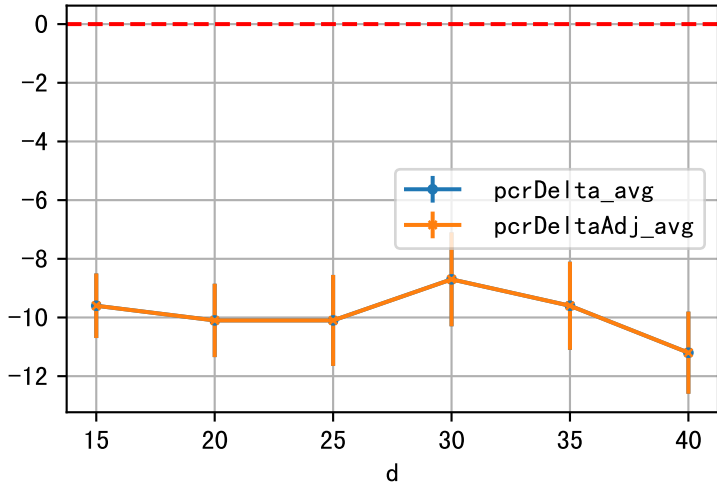


DeltaTypeAbbr=Wei AvgByD

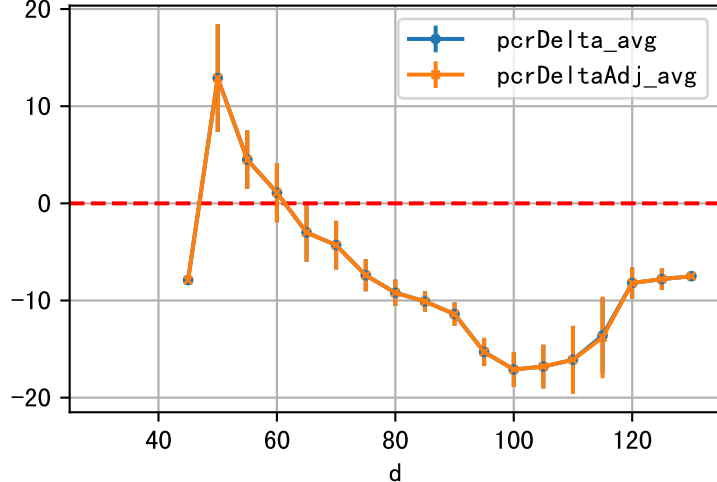


P10AE NdD: D_15d_NdD

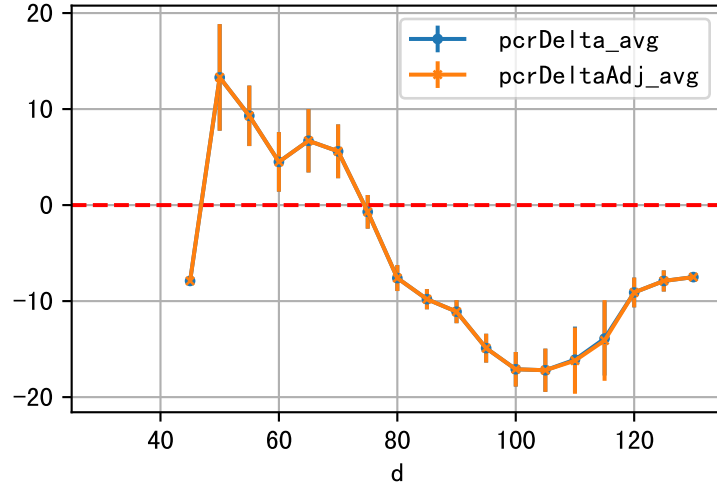
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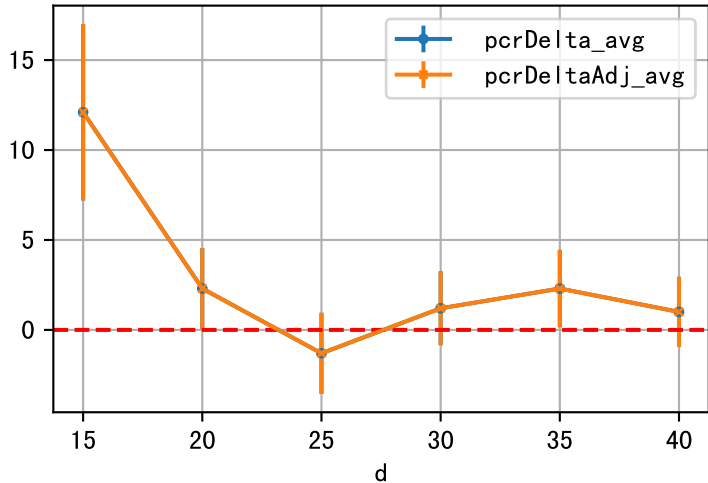
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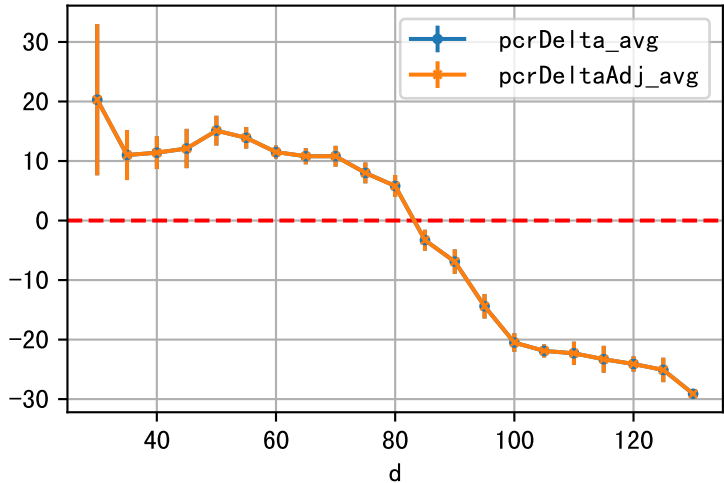
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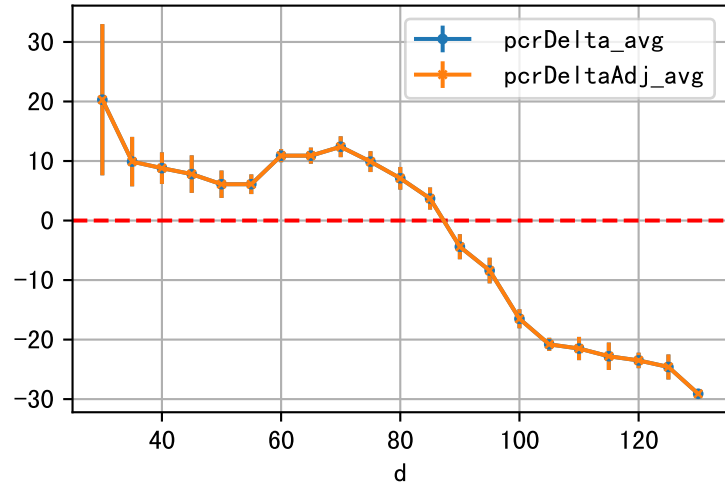
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DeltaTypeAbbr=GrpByDay

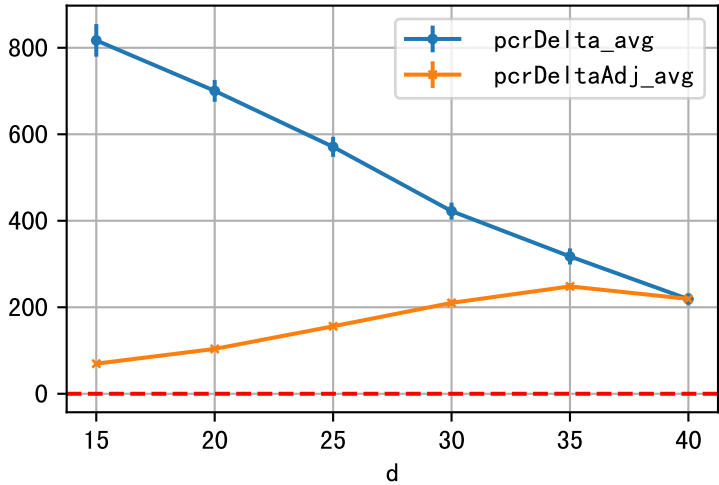


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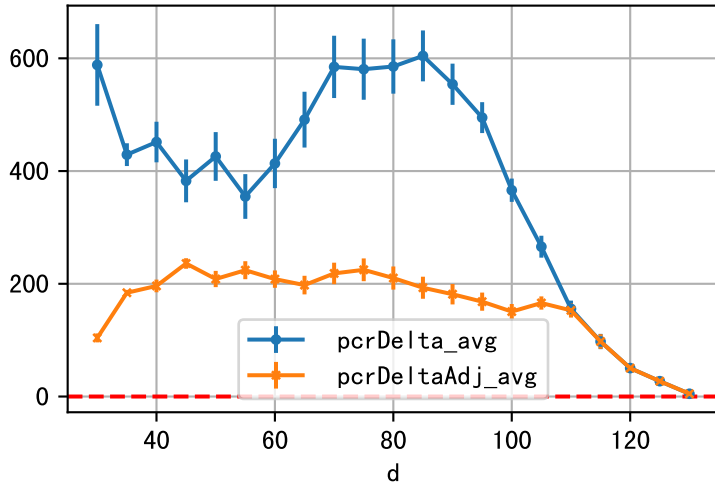


P10AE NdD: D_Est_NdD

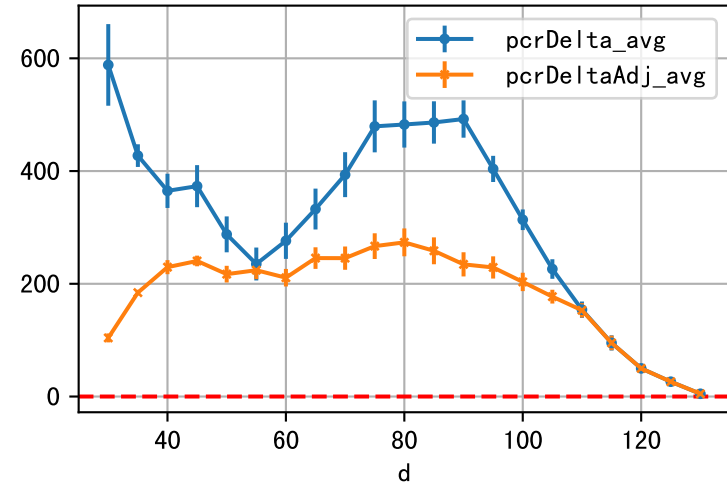
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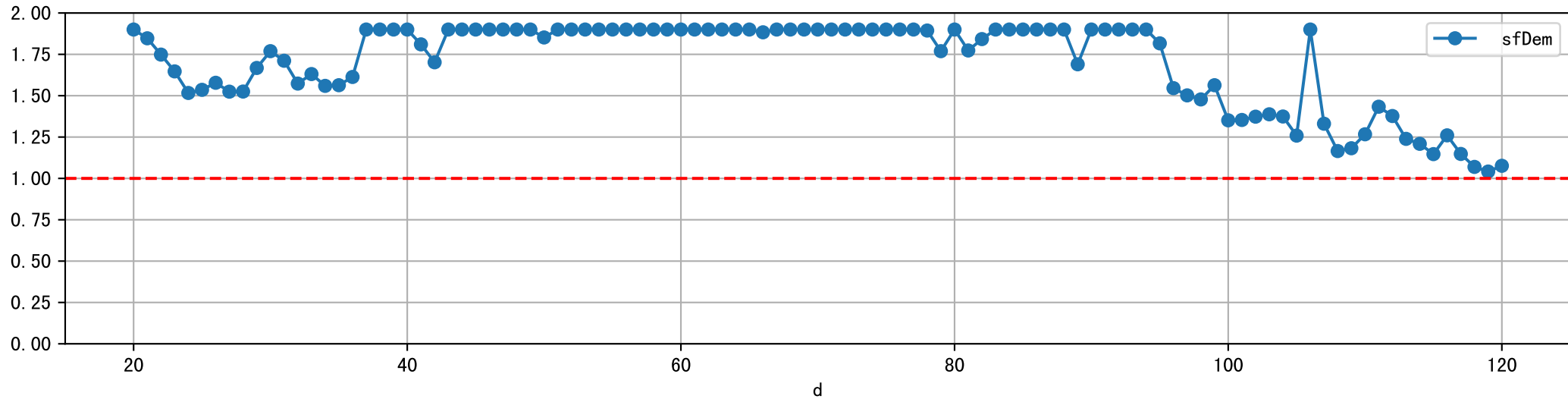
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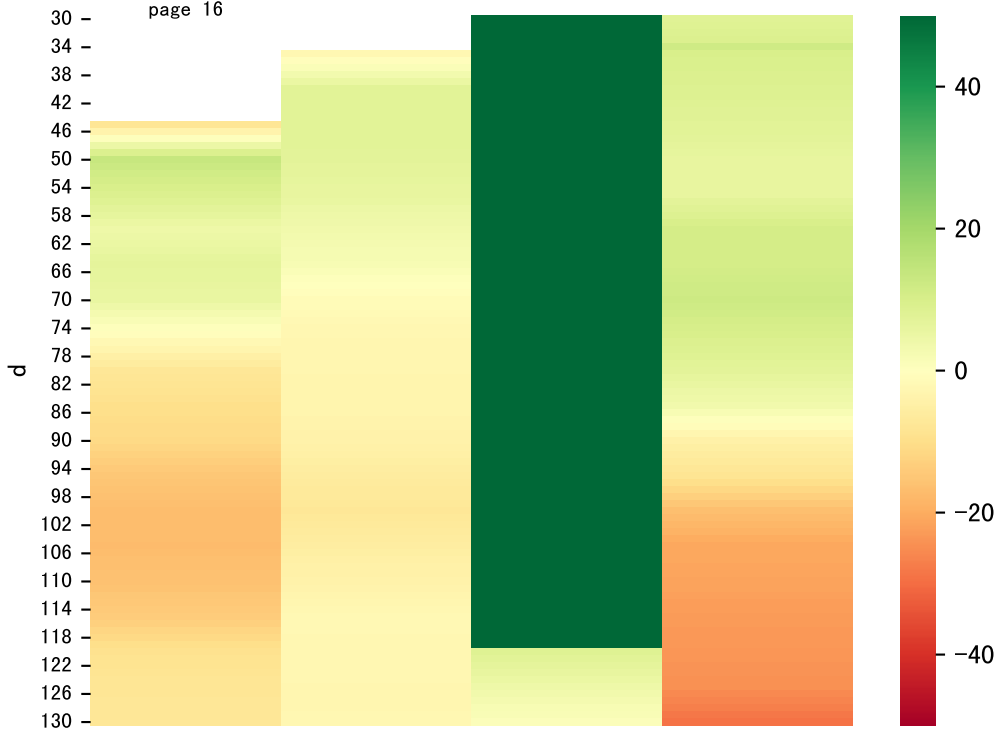


DeltaTypeAbbr=Wei AvgByD

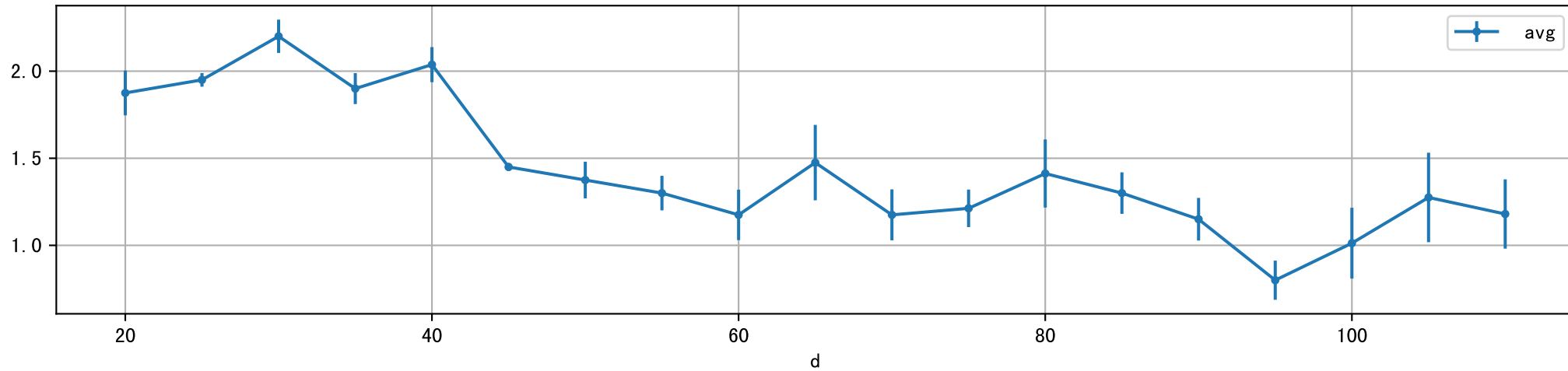


NdD: sfDem

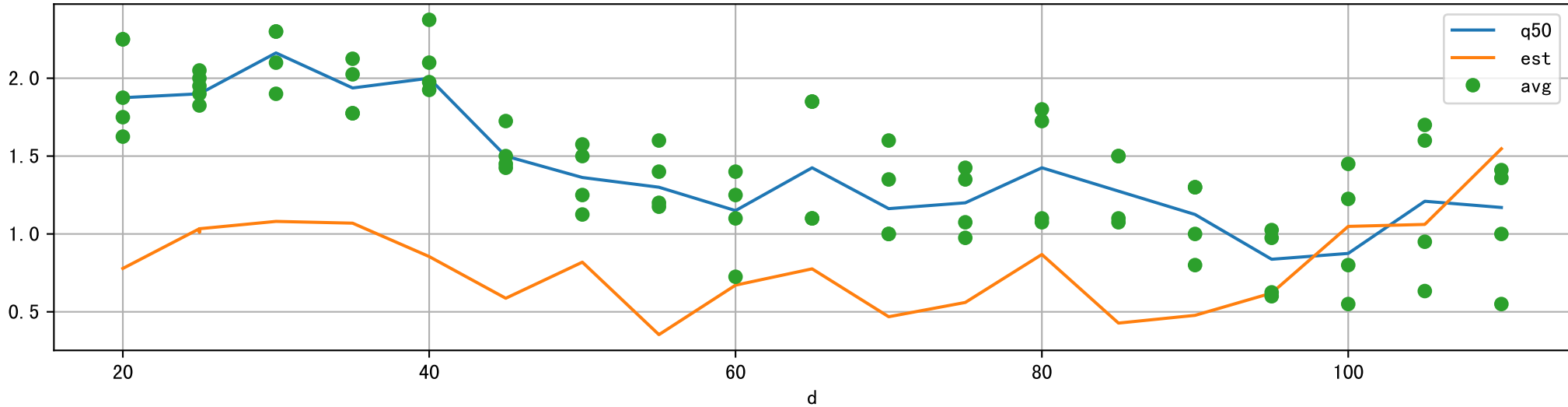




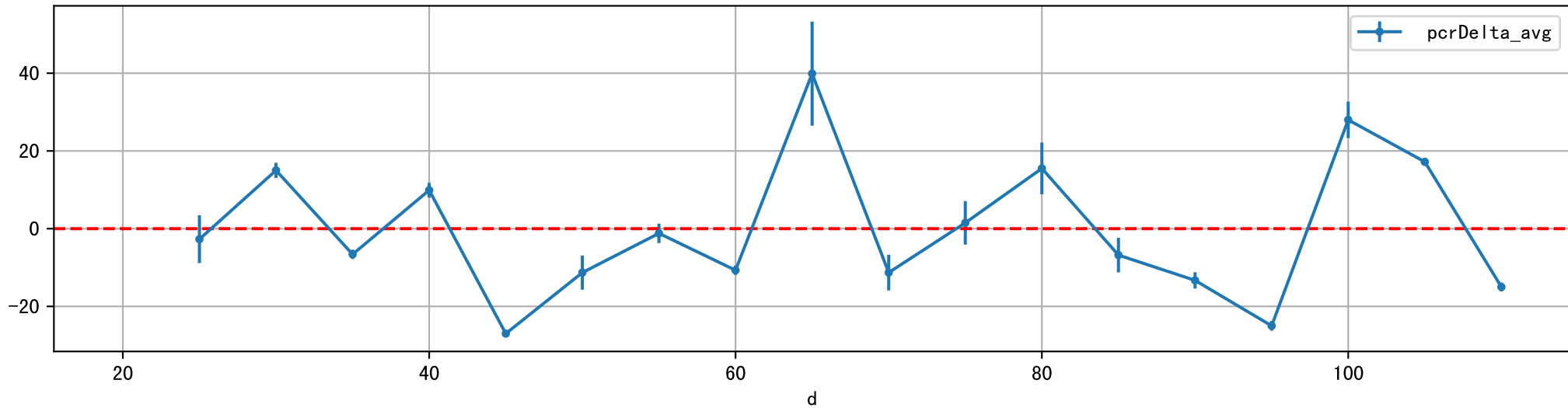
dStH: avg vs. d



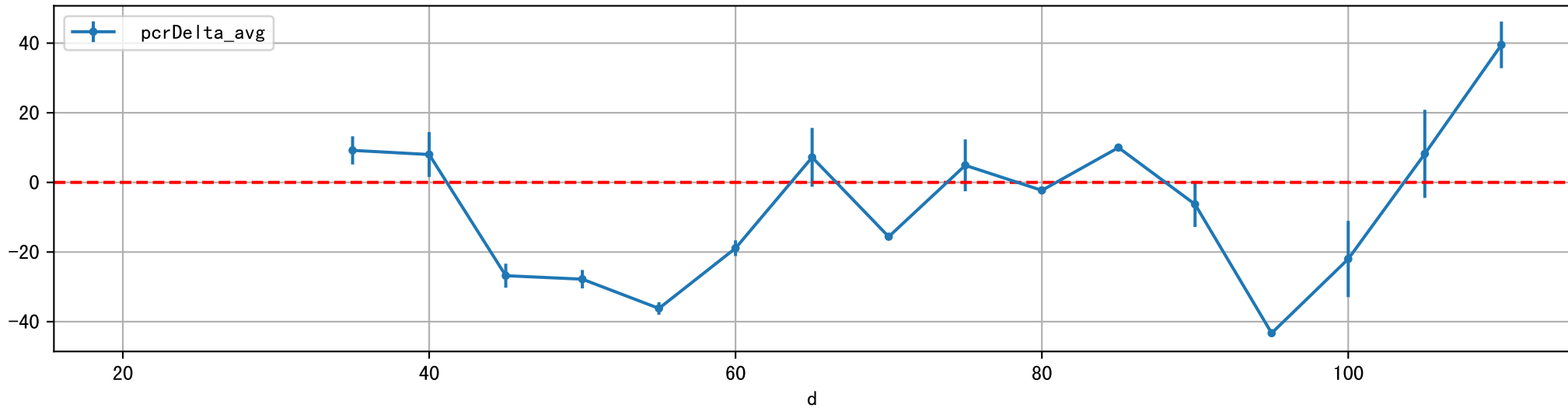
dStH: obsAvg vs obs0v@Q50



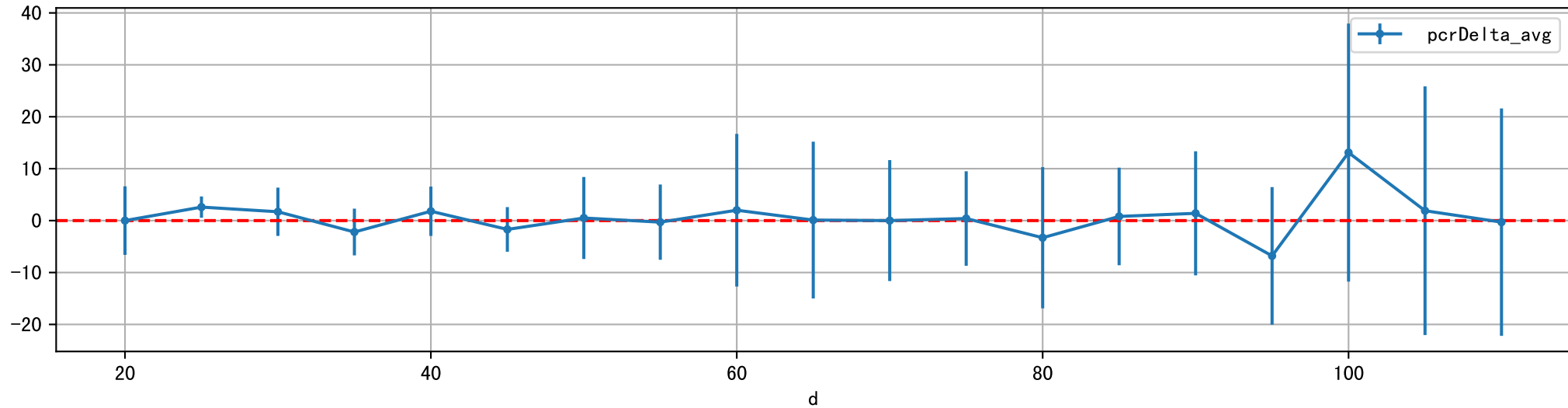
dStH: D_5d_StH



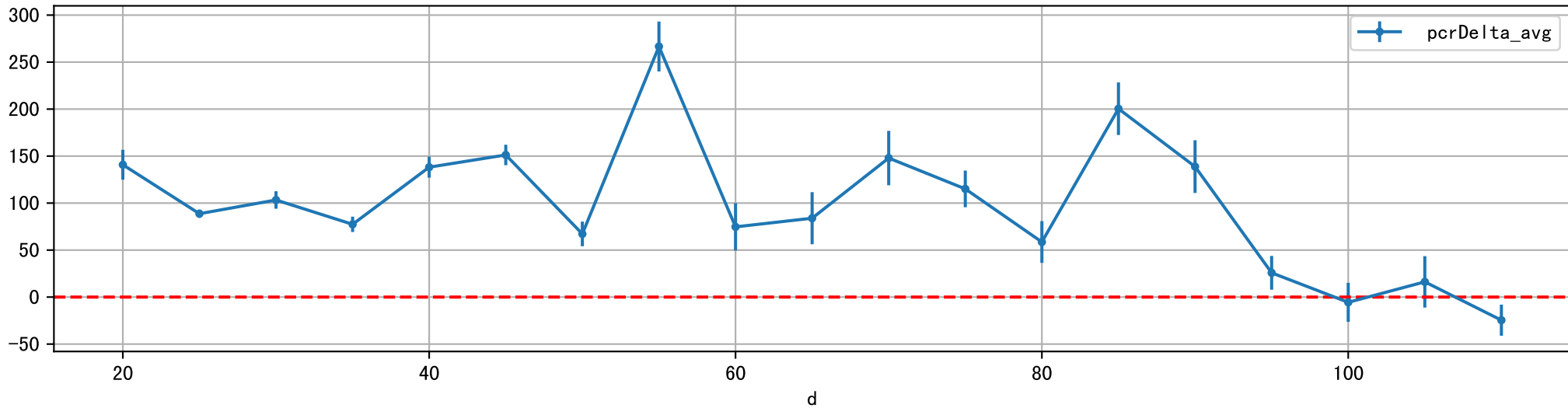
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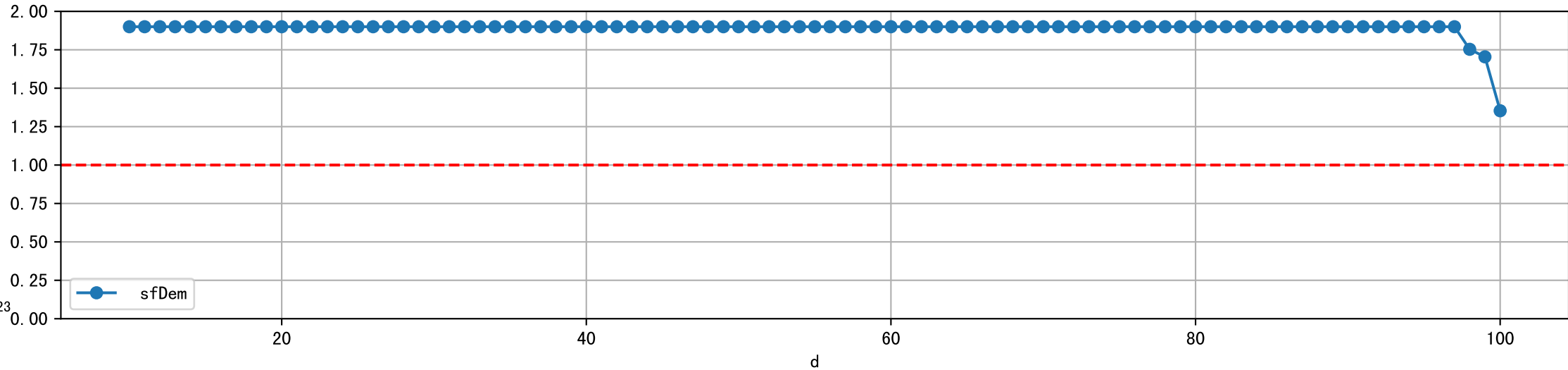
dStH: D_Q50_StH



dStH: D_Est_StH

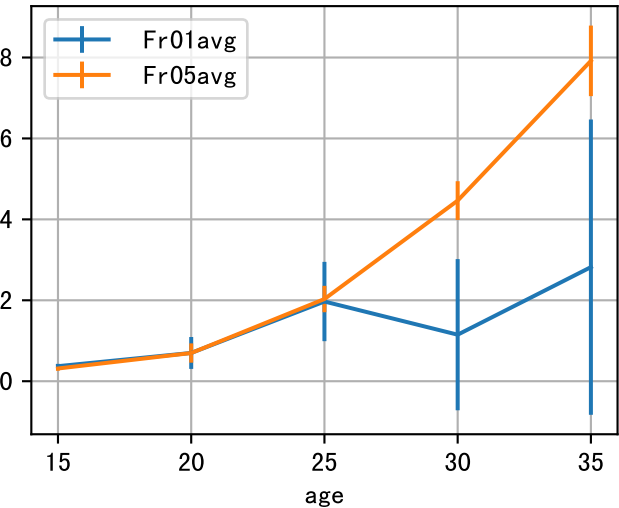


dStH: sfDem

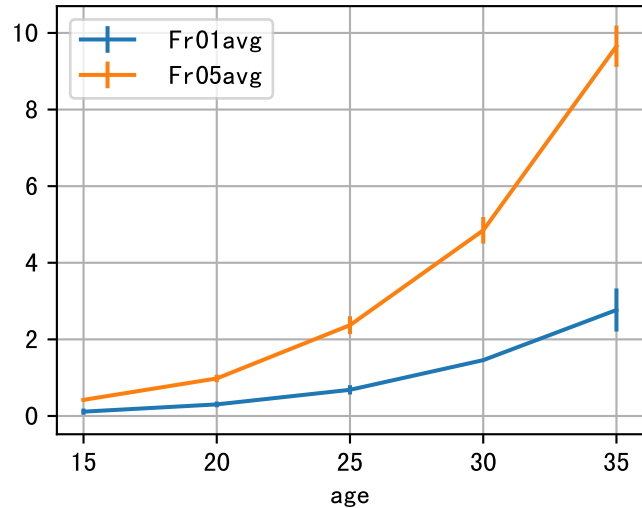


FrV: Fr01 vs Fr05 at each truss

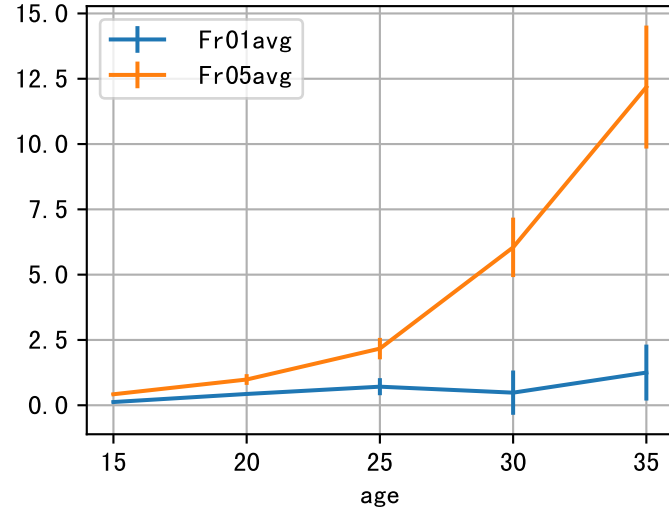
organID=T01



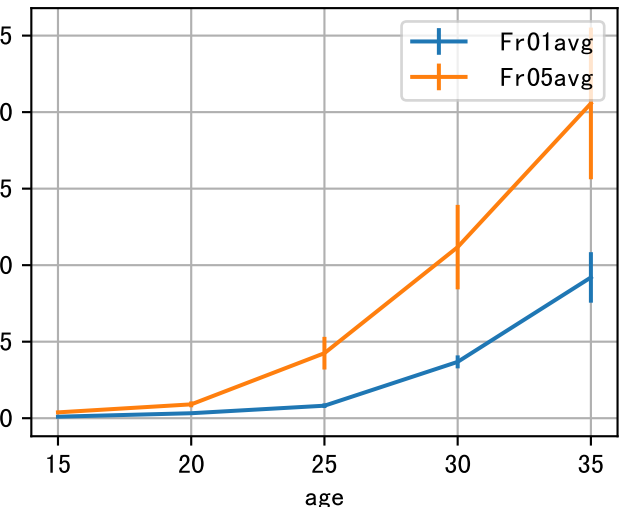
organID=T02



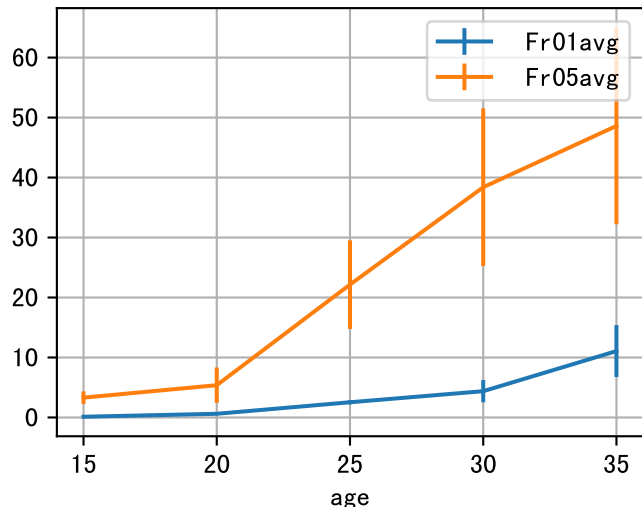
organID=T03



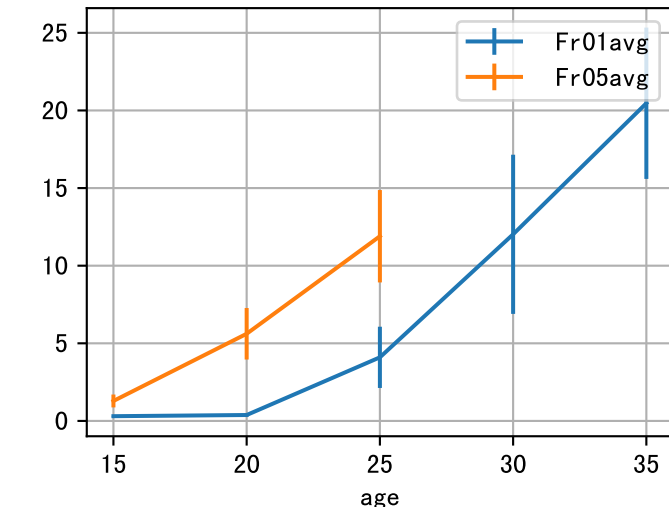
organID=T04



organID=T05

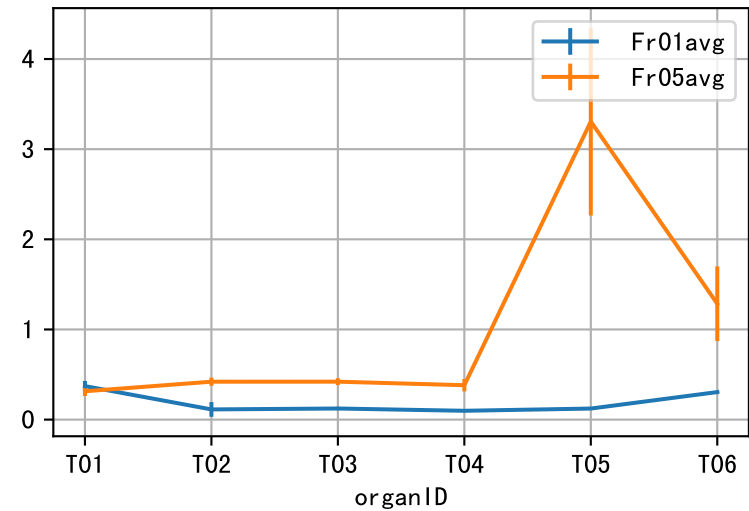


organID=T06

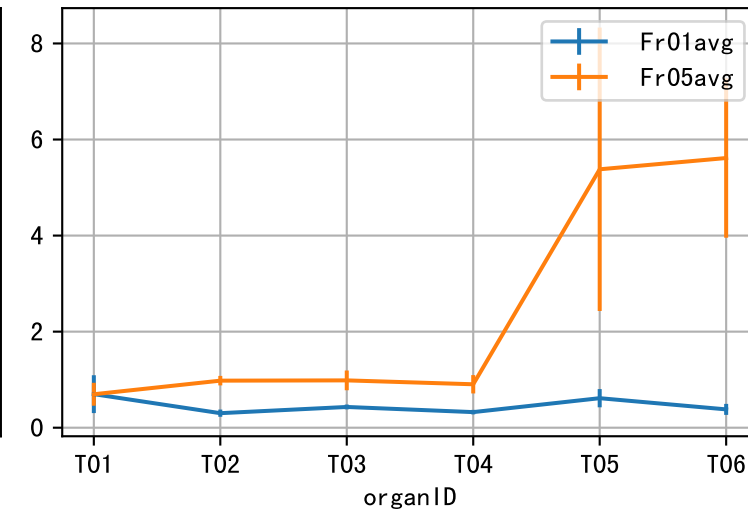


FrV trend at each age

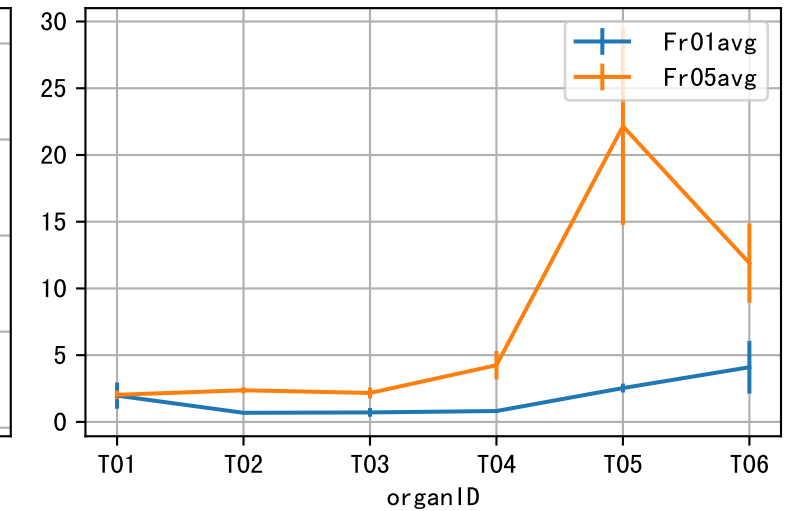
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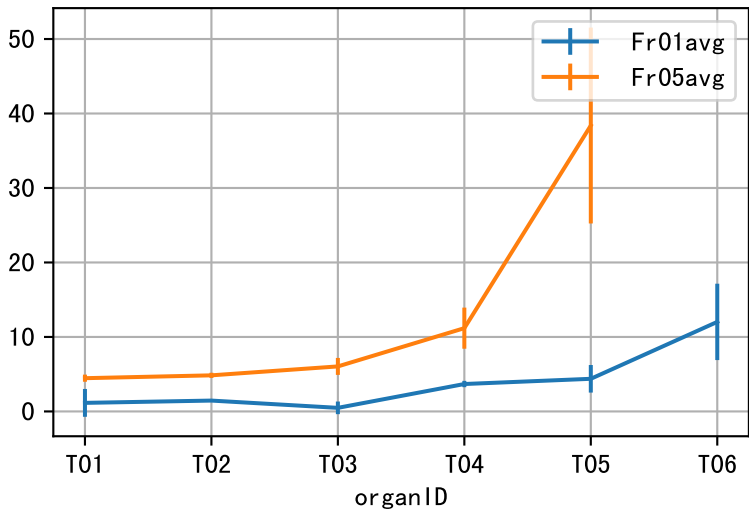
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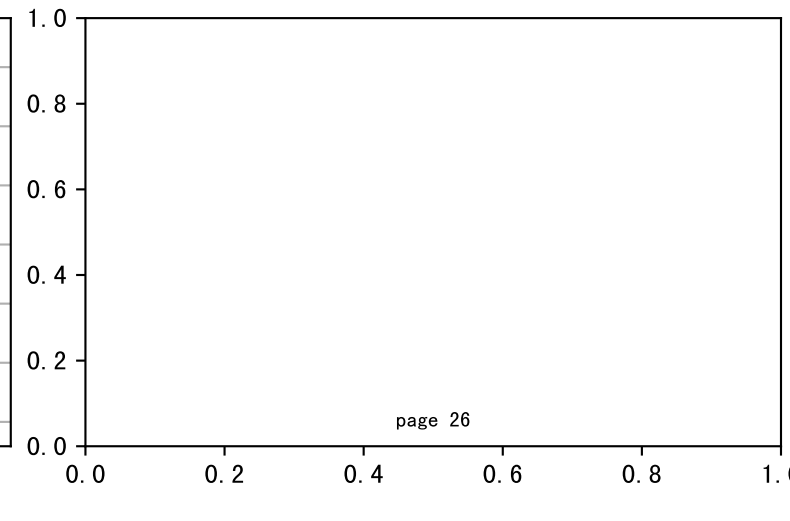
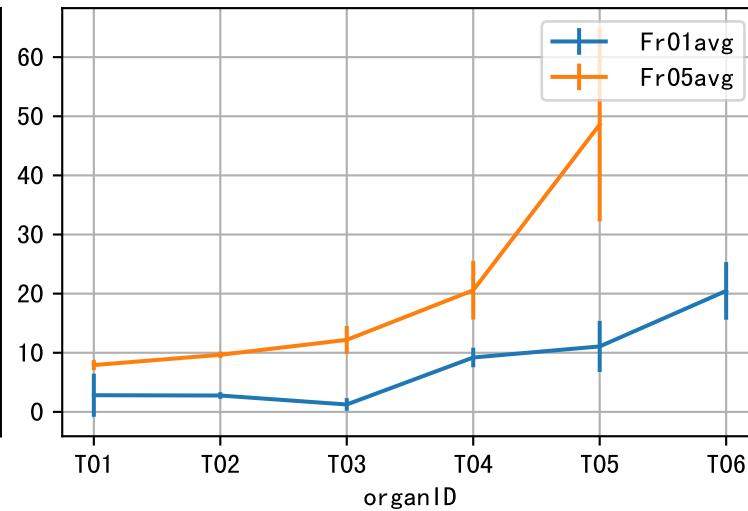
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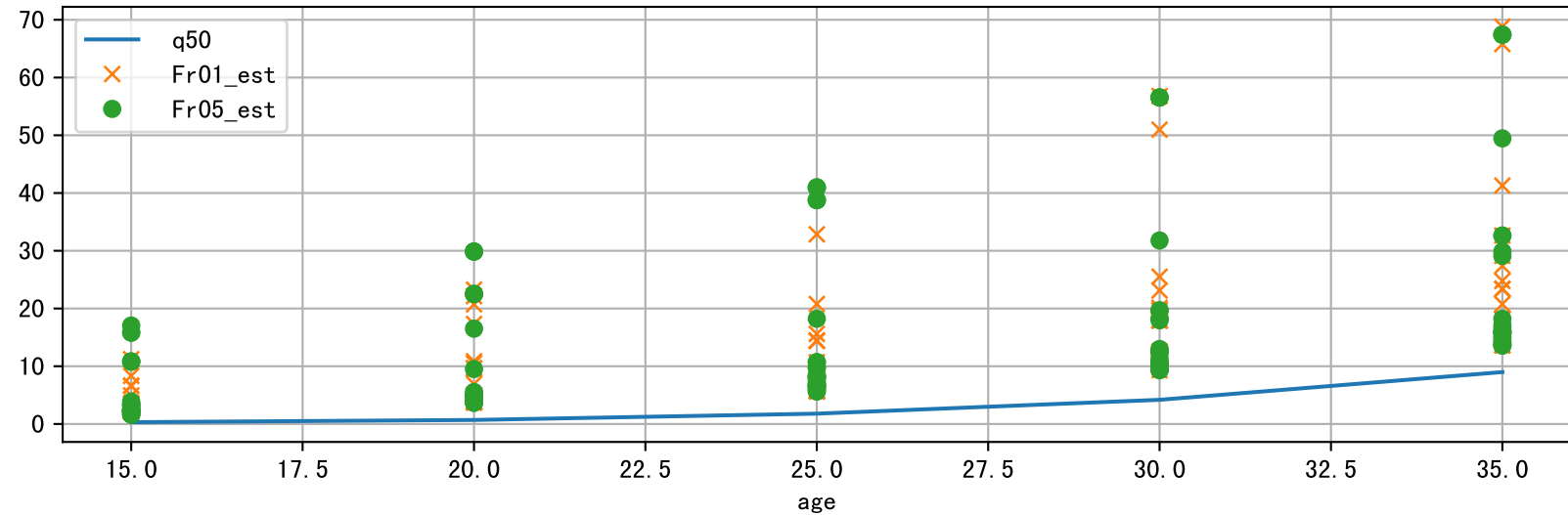
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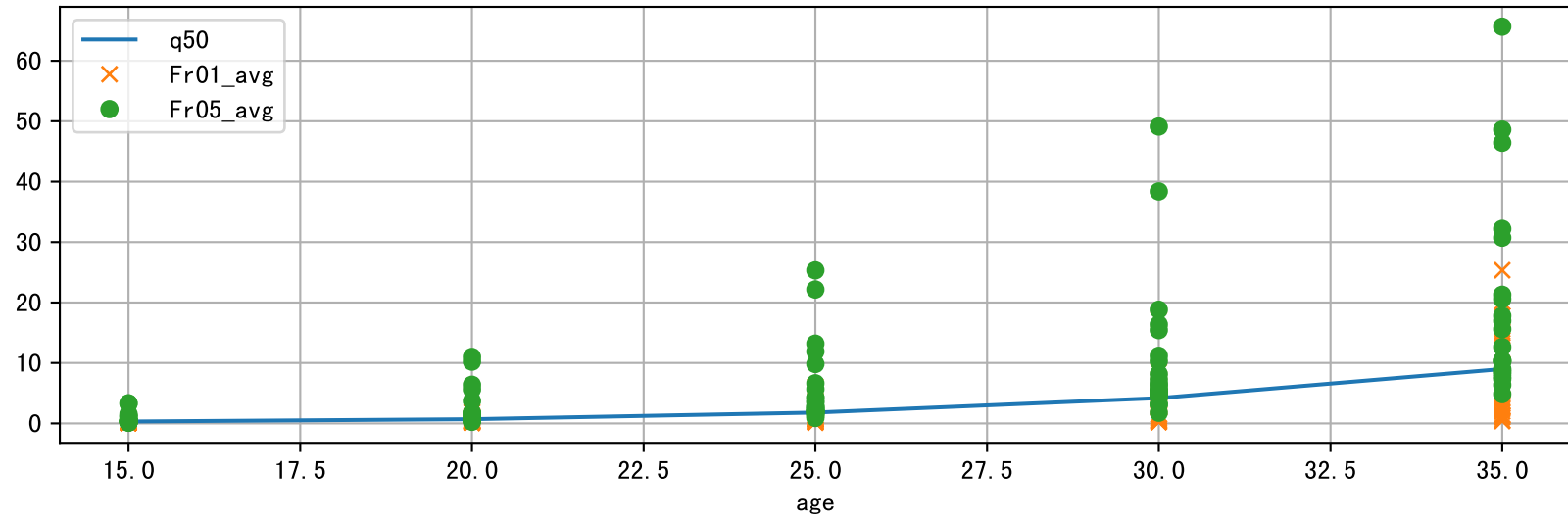
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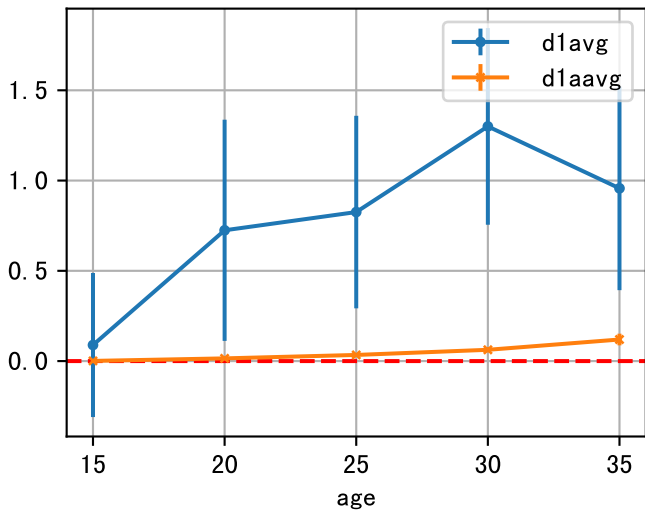
FrV: model Est vs obsFrV at Q90



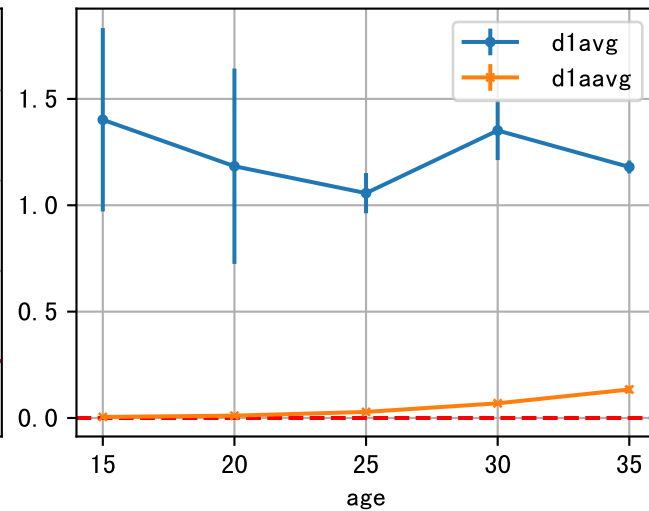
FrV: obsFrV vs obsFrV@Q90



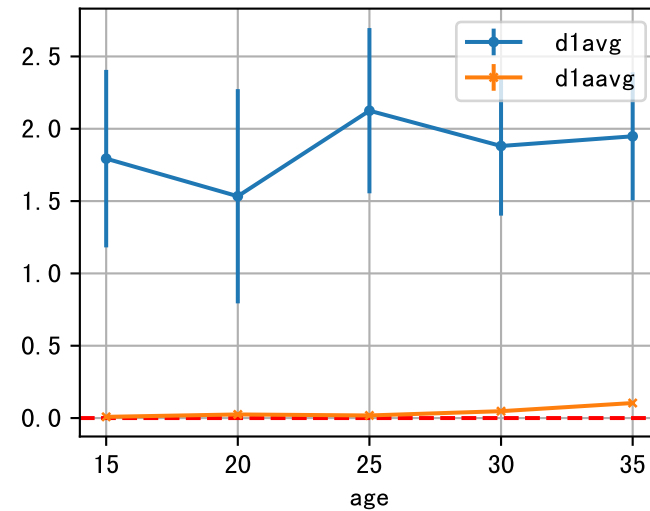
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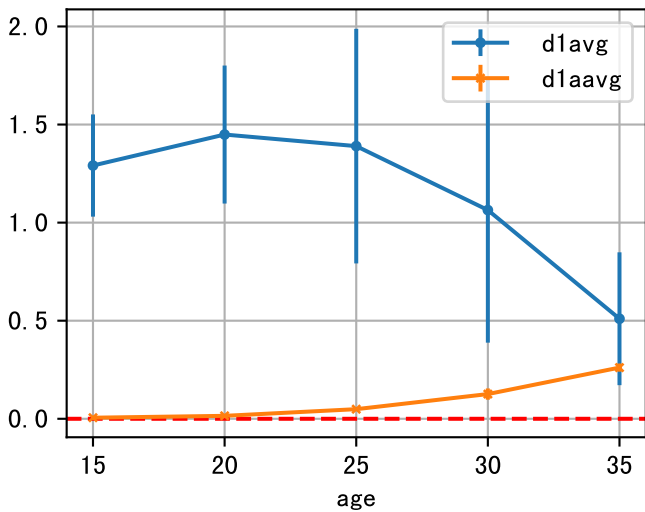
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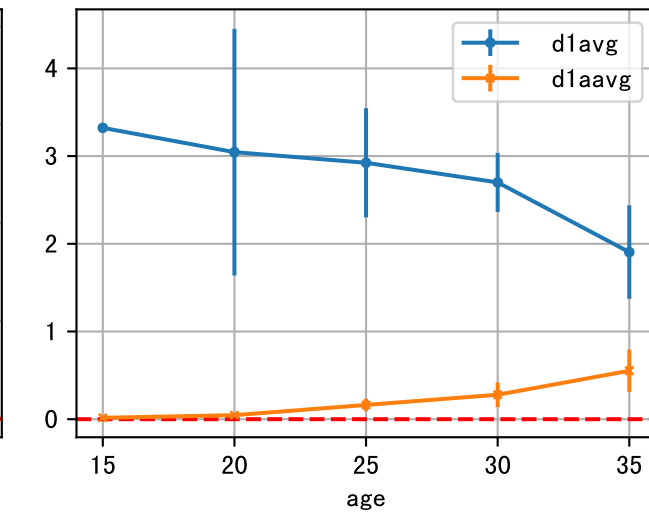
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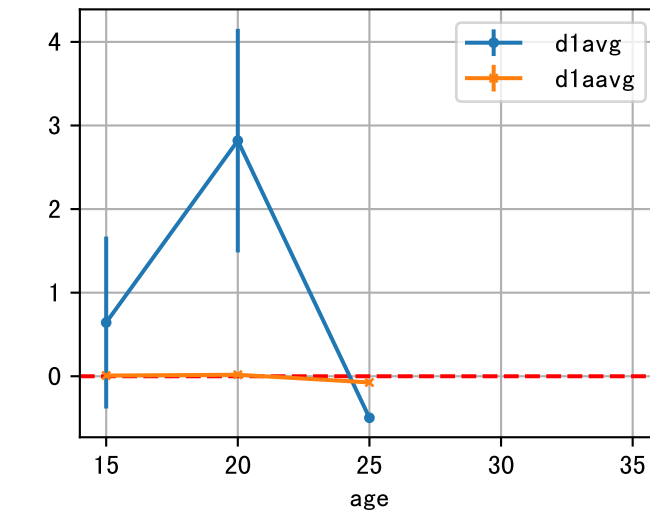
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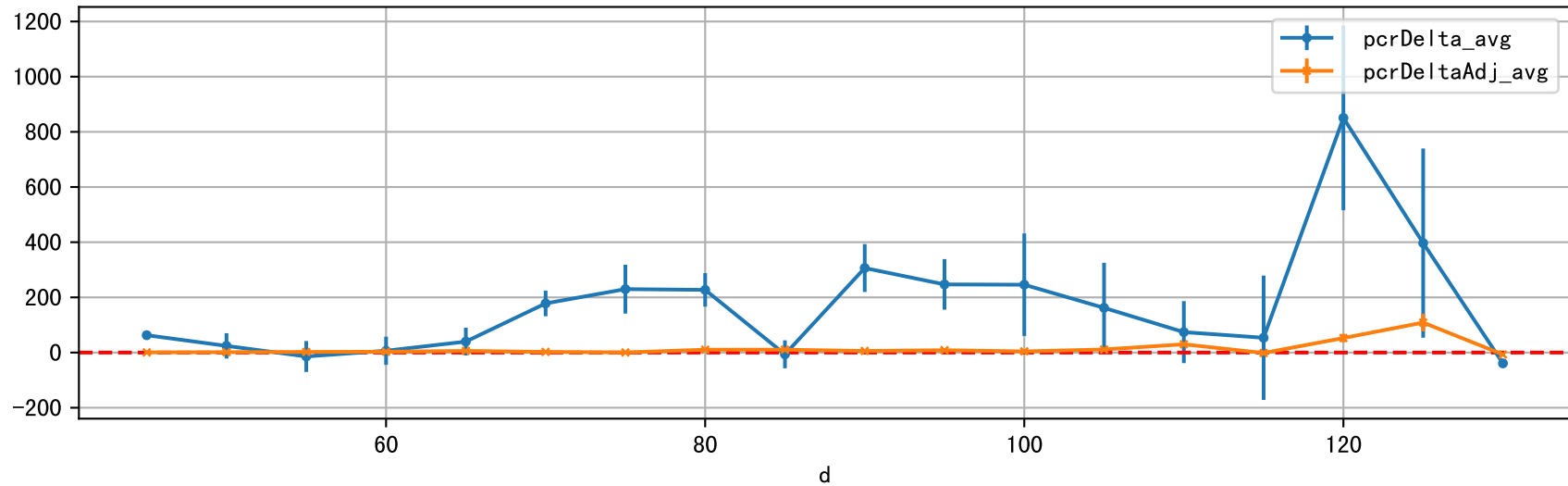
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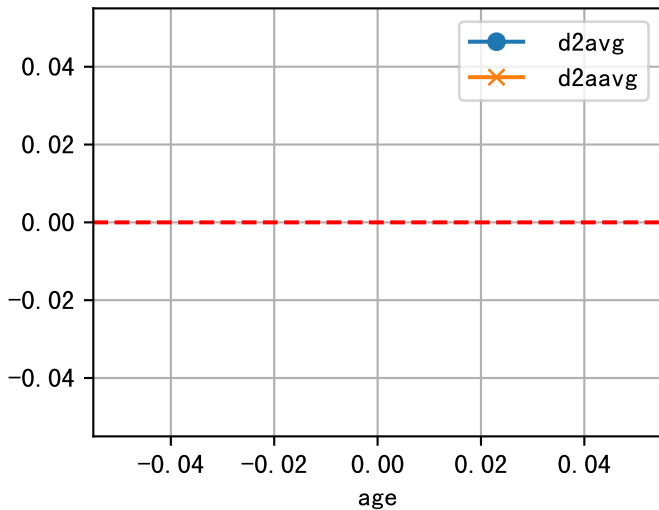
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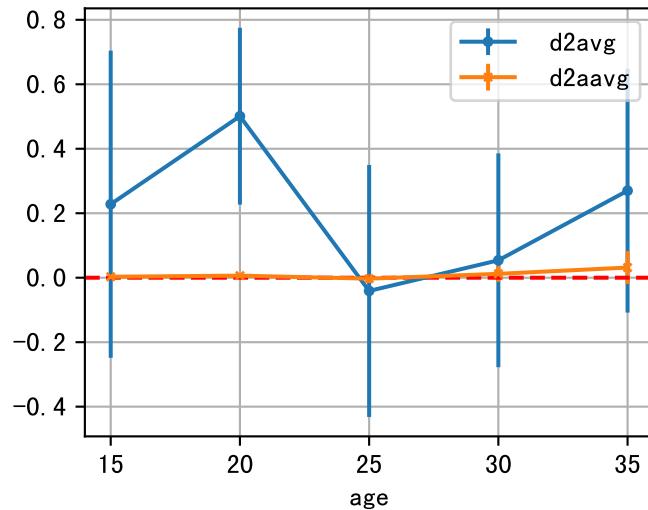
P10AE FrV: D_Fr1_FrV



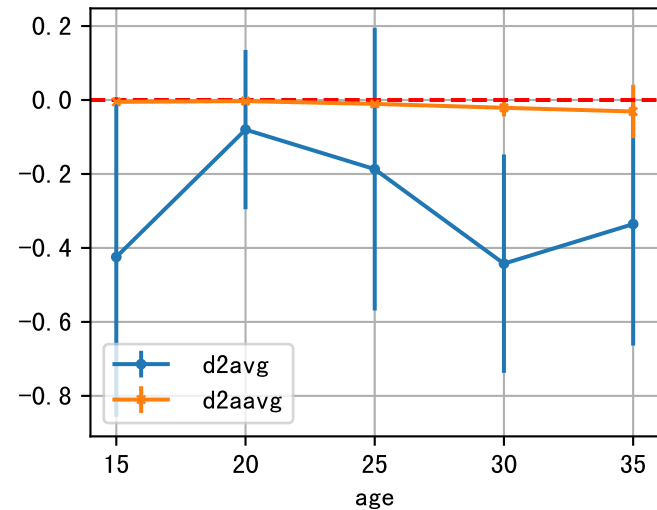
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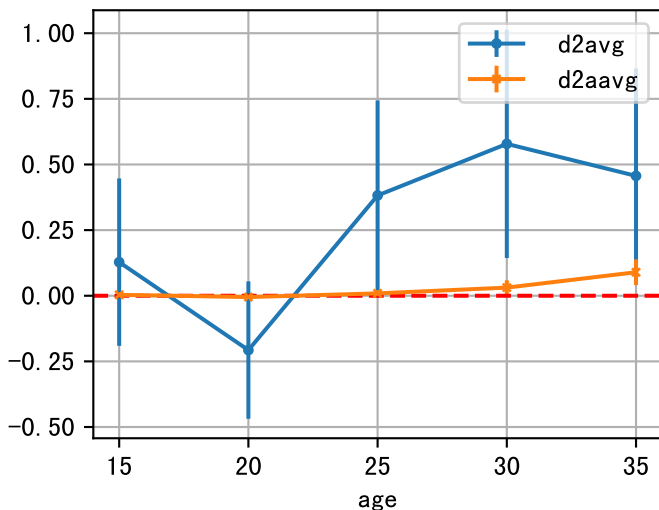
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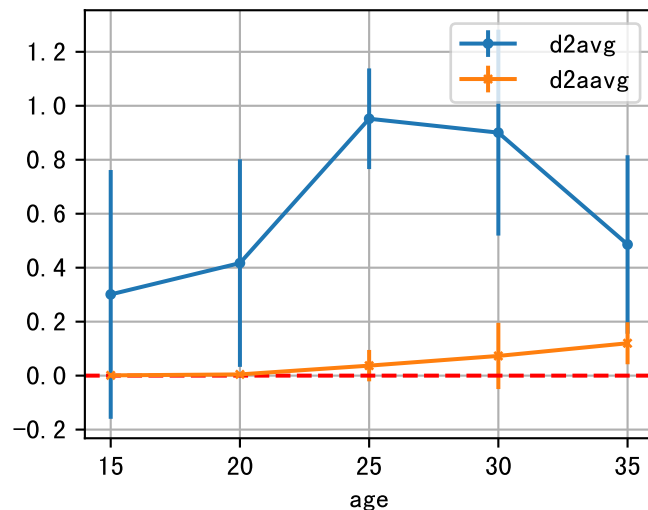
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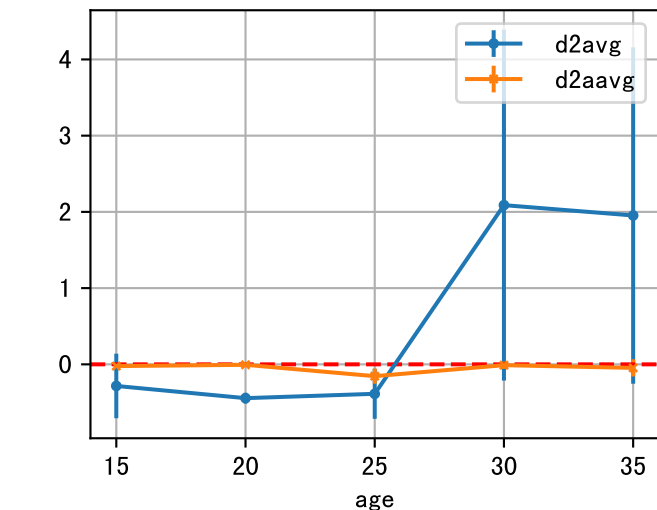
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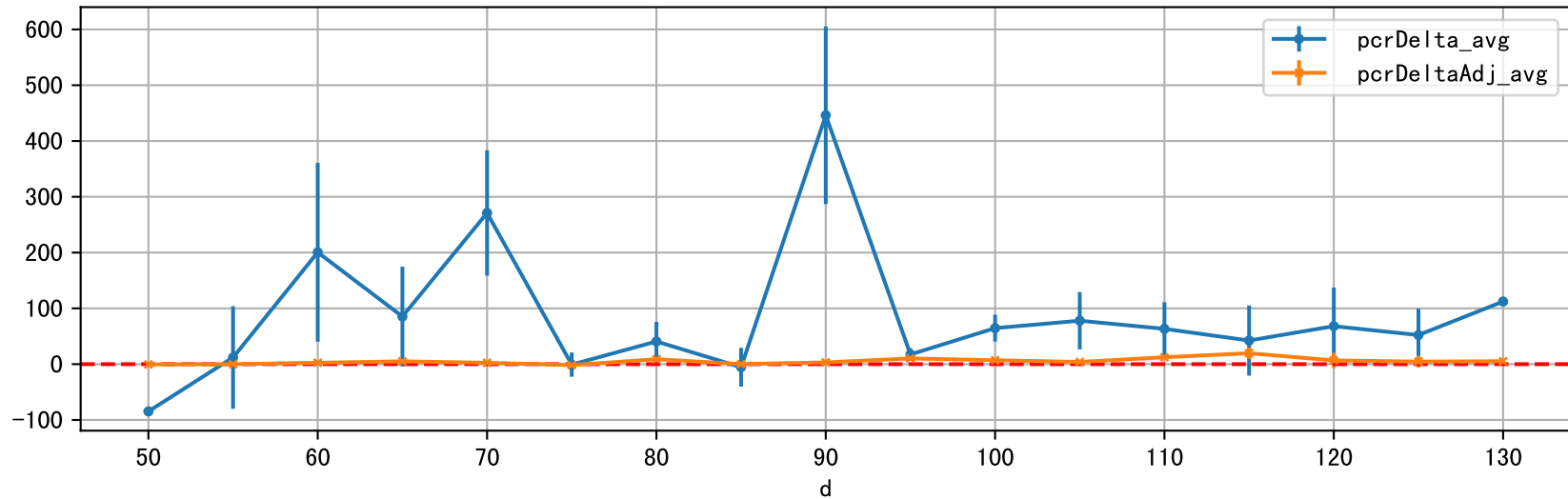
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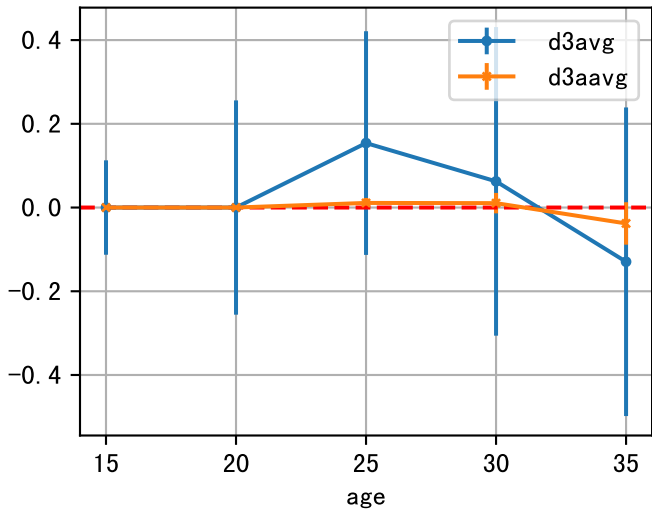
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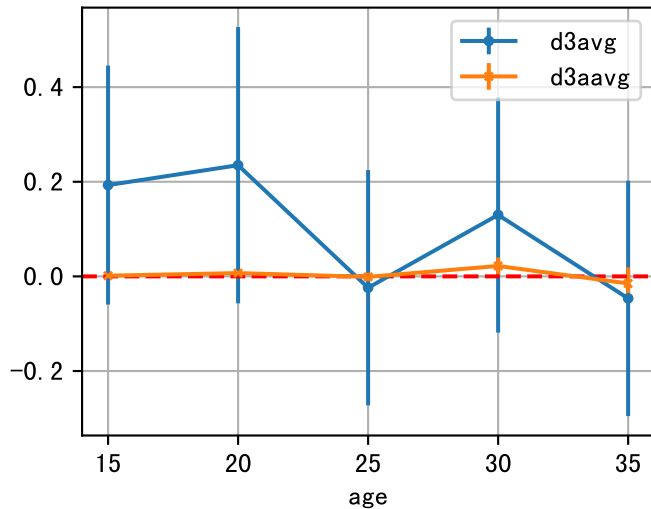
P10AE FrV: D_Ts_FrV



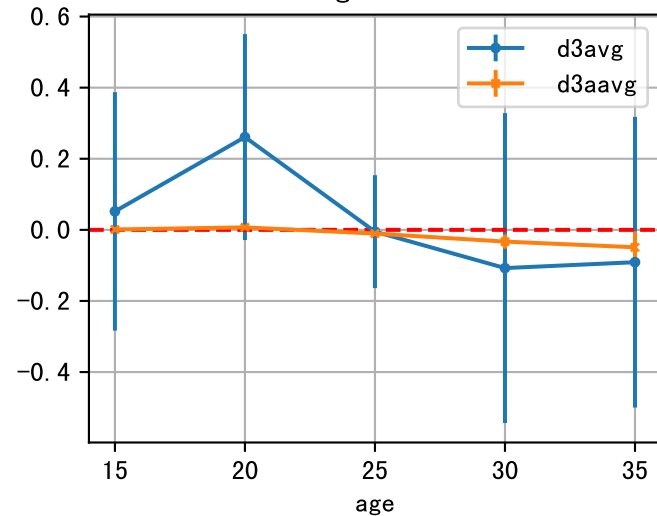
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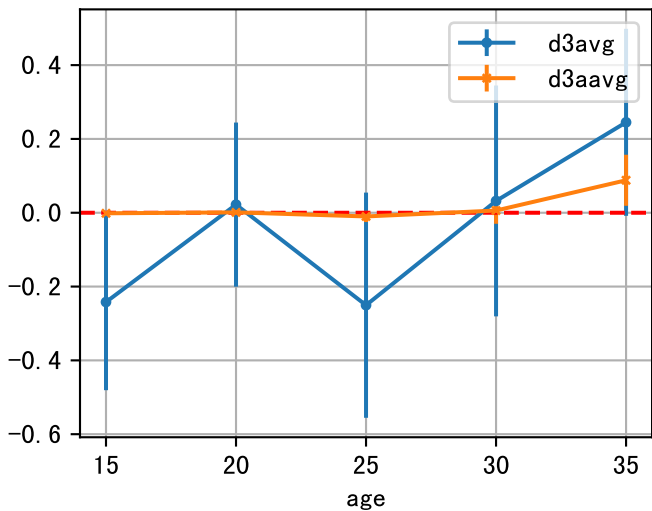
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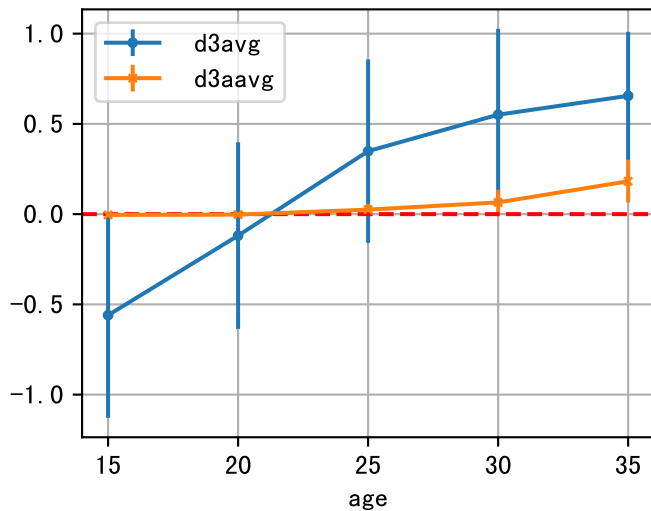
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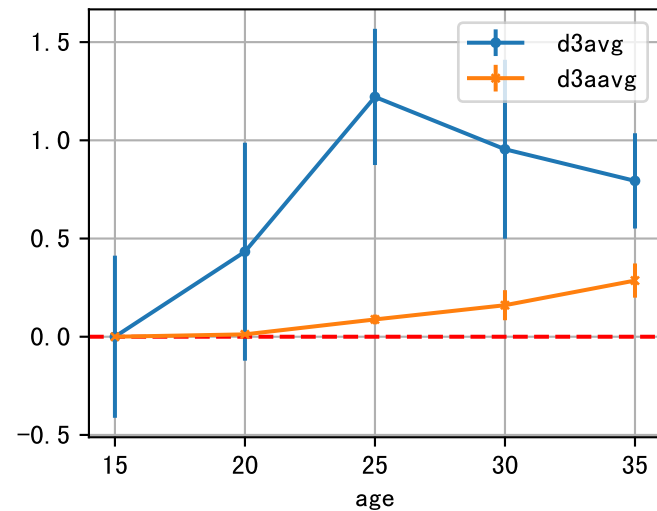
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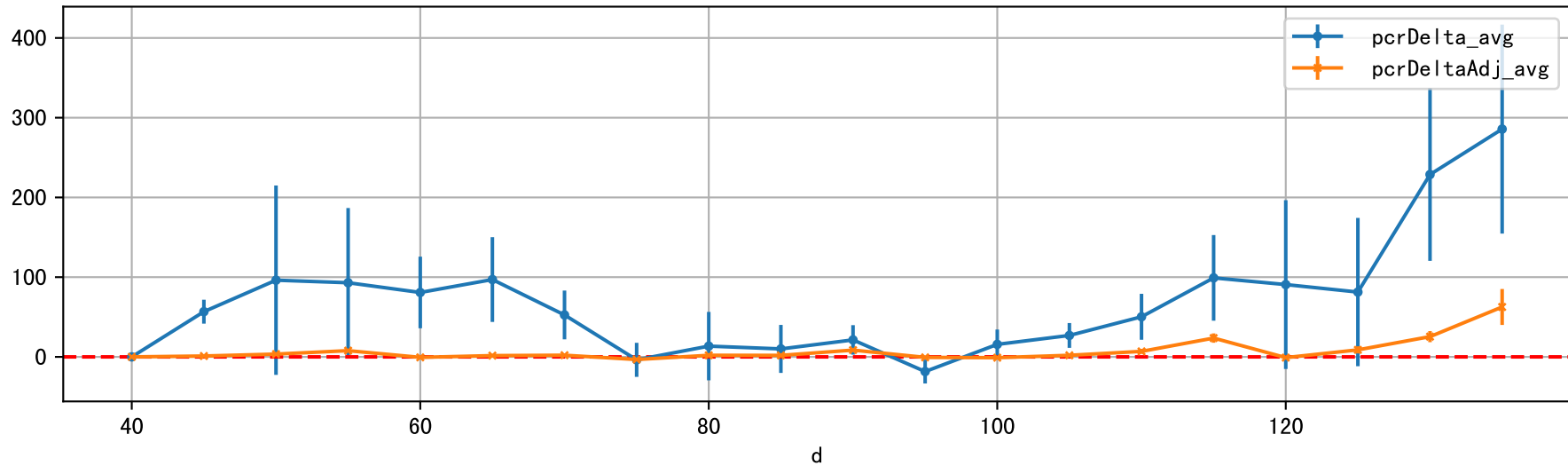
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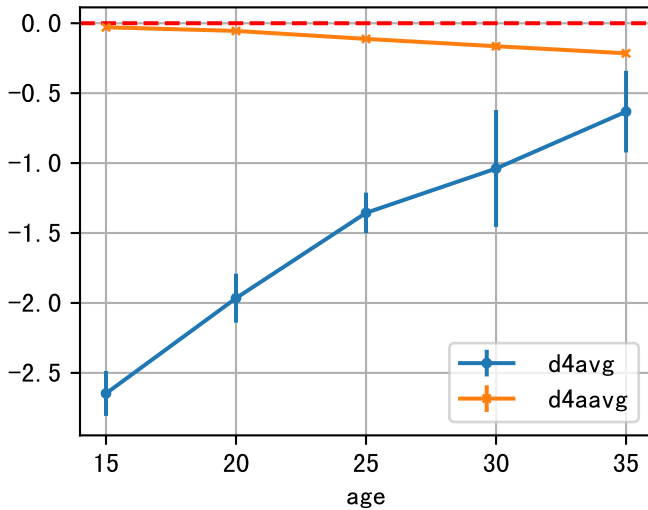
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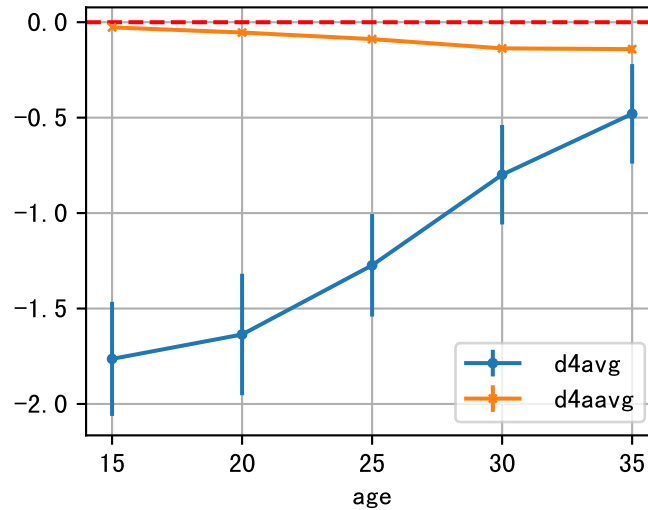
P10AE FrV: D_Q50_FrV



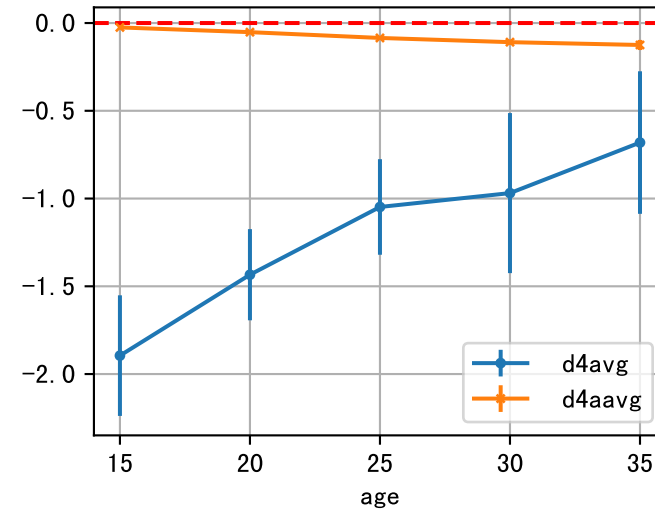
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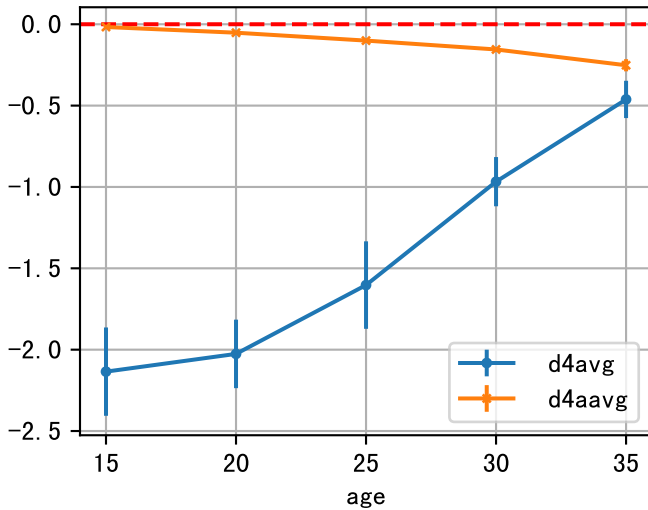
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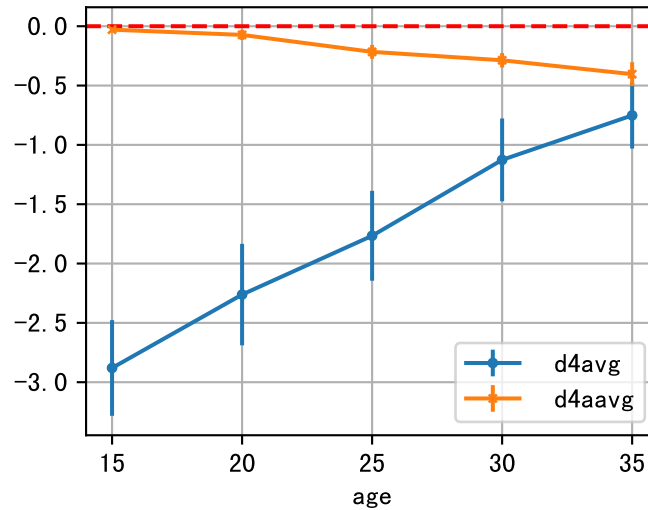
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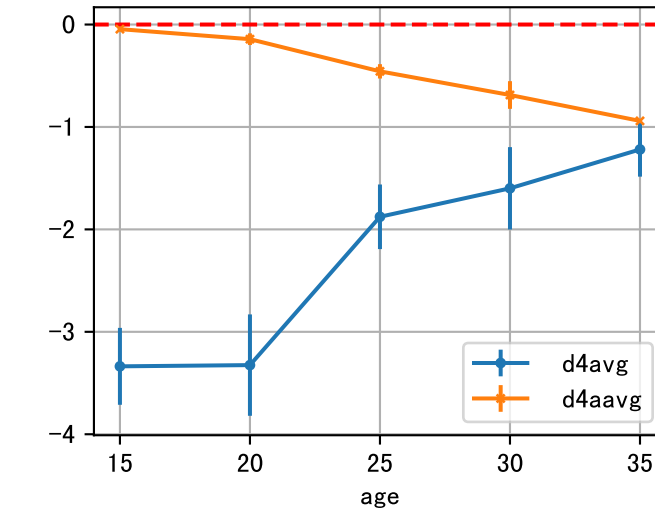


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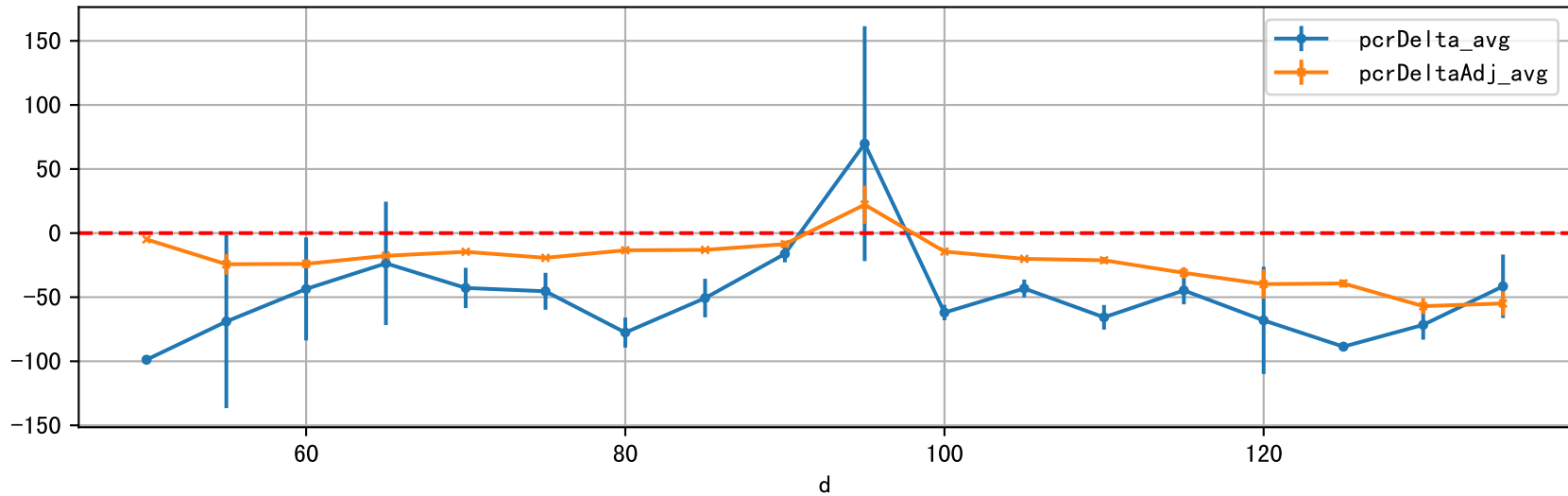


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organID=6



P10AE FrV: D_Est_FrV



P10AE FrV: sfDem

