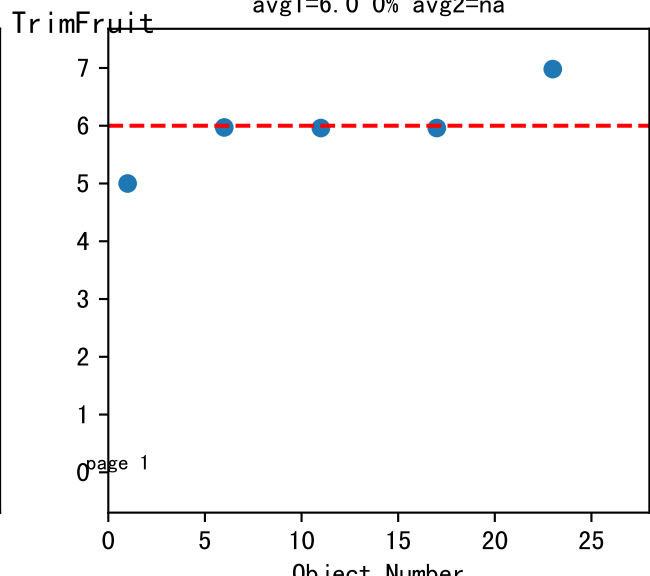
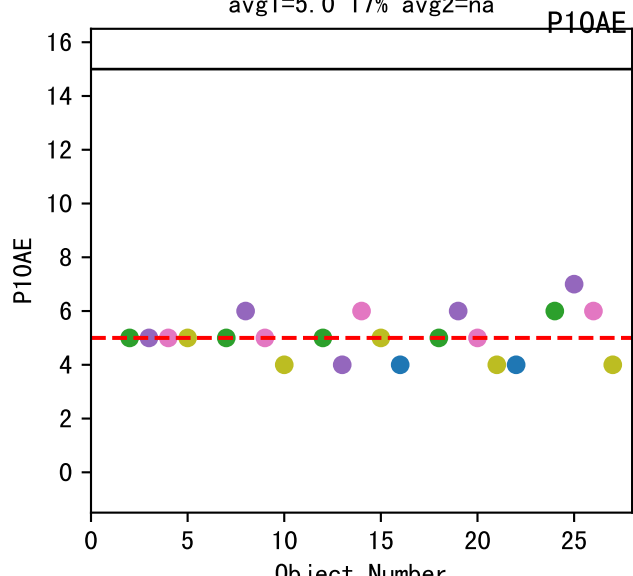


Phenotype Data Analysis Plots
PhenoData day range = 18 - 110
Analysis cutoff day = 110
NC11 P10
2026-02-06 (Day 111)

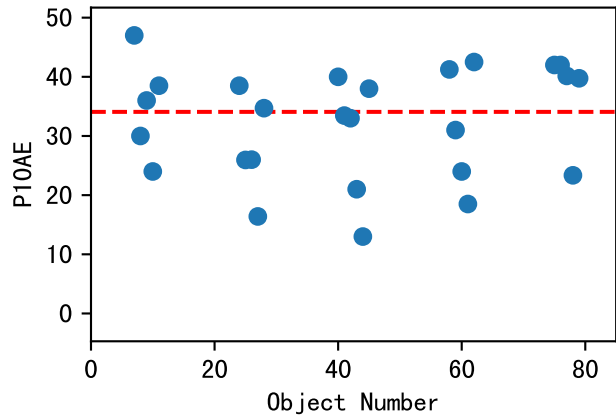
avg1=0.00% avg2=na
P10AE Truss



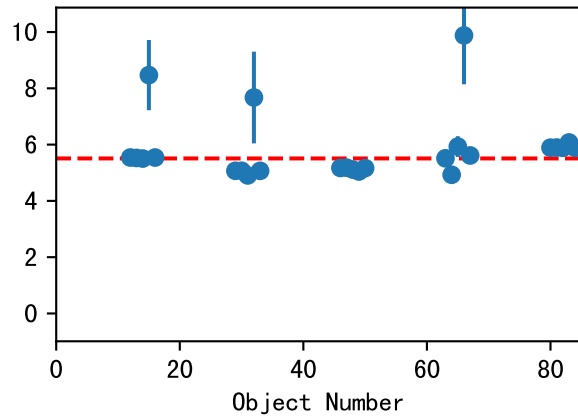
page 1



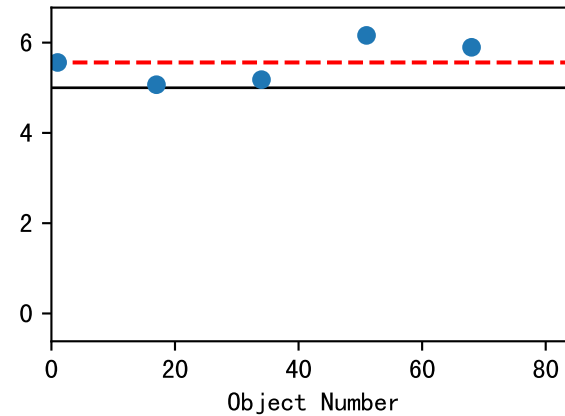
LTL_avgAbsY (Def=na Set=34.08)
avg1=34.08~27% avg2=na



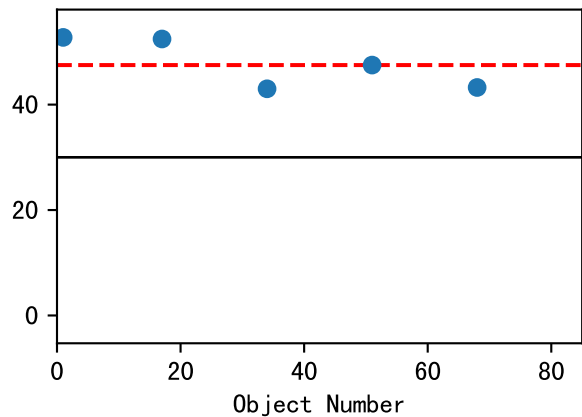
NdL_avgAbsY (Def=na Set=5.51)
avg1=5.51~7% avg2=na



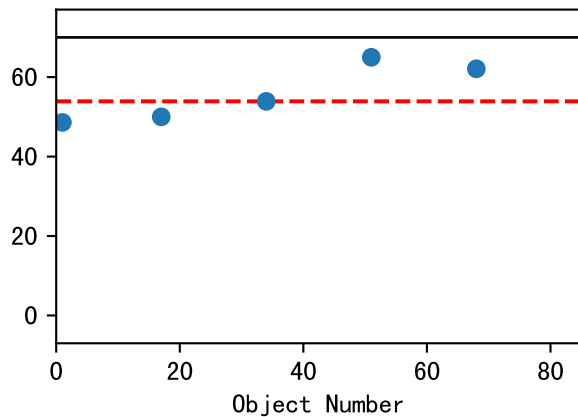
NdL_Q90AbsY (Def=3 Set=5.56)
avg1=5.56~8% avg2=na



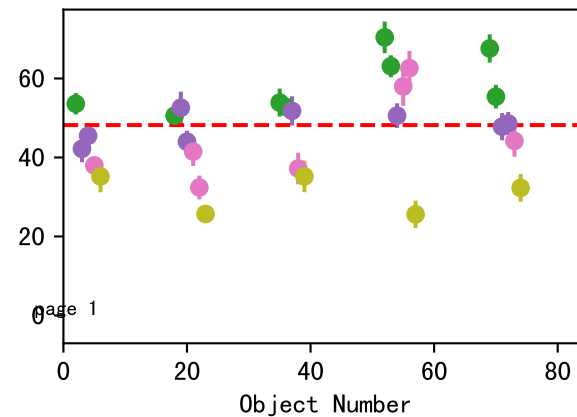
LfW_Q90AbsY (Def=30 Set=47.5)
avg1=47.5~10% avg2=na



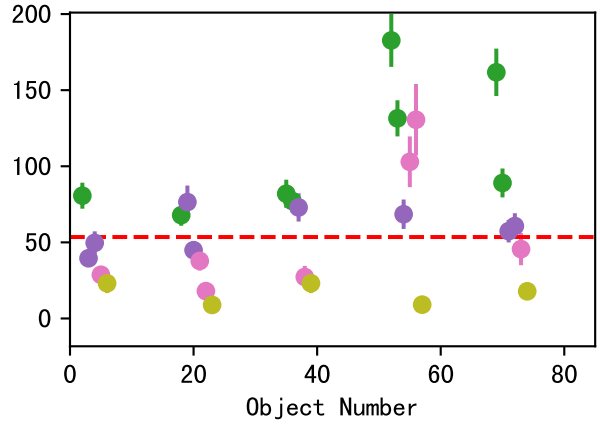
FrD_Q90AbsY (Def=70 Set=53.9)
avg1=53.9~14% avg2=na



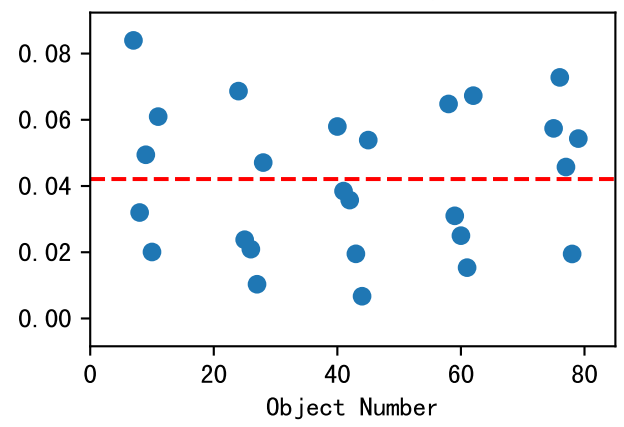
FrD_avgAbsY (Def=na Set=48.2)
avg1=48.2~24% avg2=na



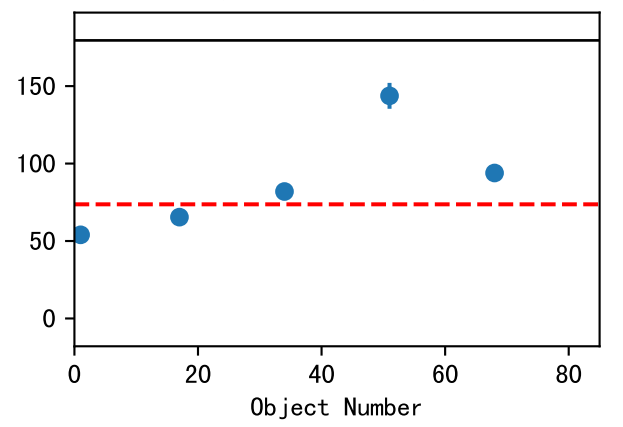
FRV_avgAbsY (Def=na Set=53.51)
avg1=53.51~64% avg2=na



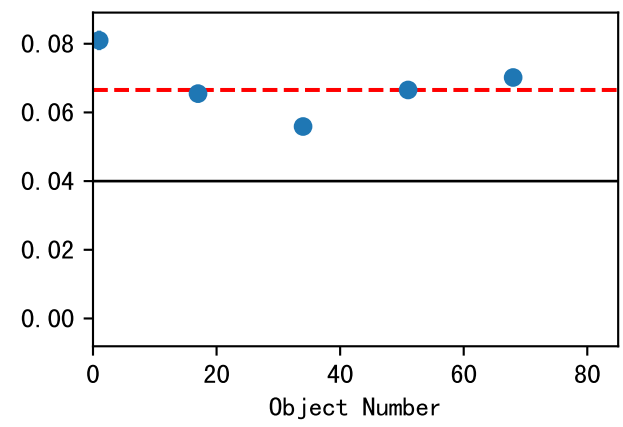
LTA_avgAbsY (Def=na Set=0.04)
avg1=0.04~51% avg2=na



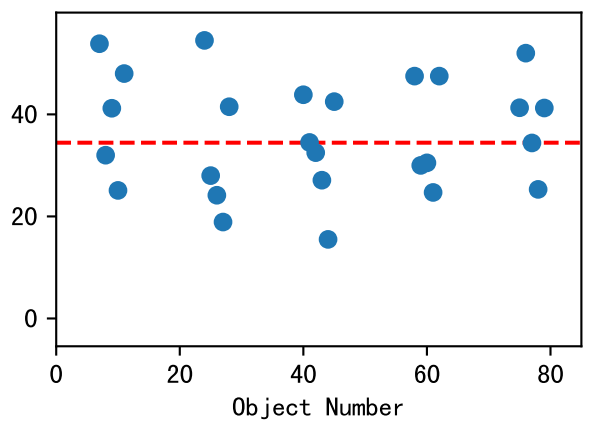
FRV_Q90AbsY (Def=179.5 Set=75.32)
avg1=73.69~24% avg2=na



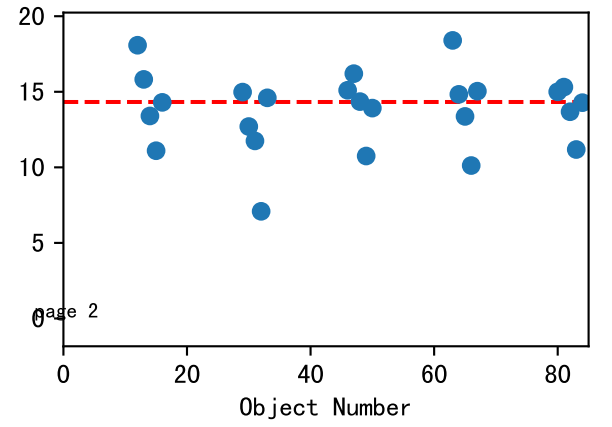
LfA_Q90AbsY (Def=0.04 Set=0.04)
avg1=0.07~4% avg2=na



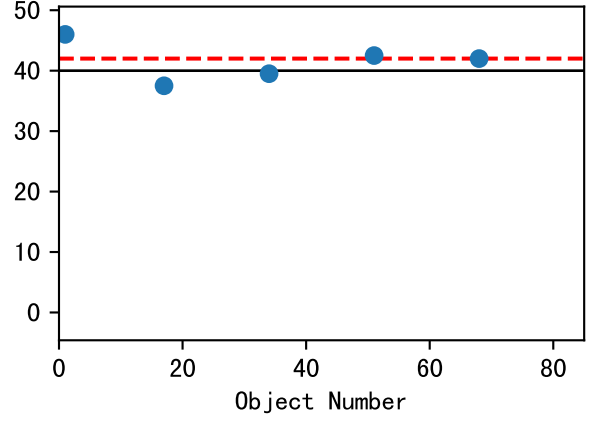
LfW_avgAbsY (Def=na Set=34.45)
avg1=34.45~32% avg2=na



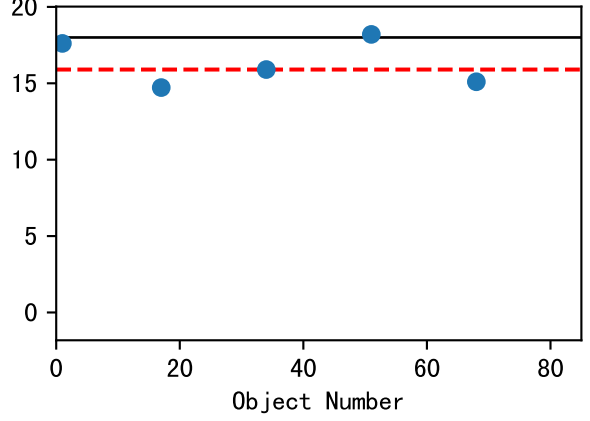
NdD_avgAbsY (Def=na Set=14.32)
avg1=14.32~15% avg2=na



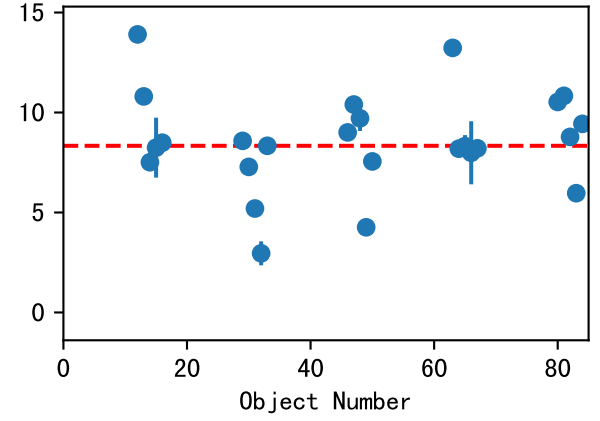
LTL_Q90AbsY (Def=40 Set=42.0)
avg1=42.0~8% avg2=na



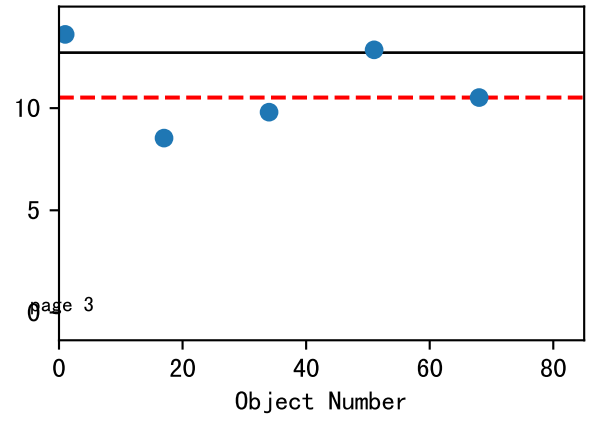
NdV_Q90AbsY (Def=18 Set=15.9)
avg1=15.9~10% avg2=na



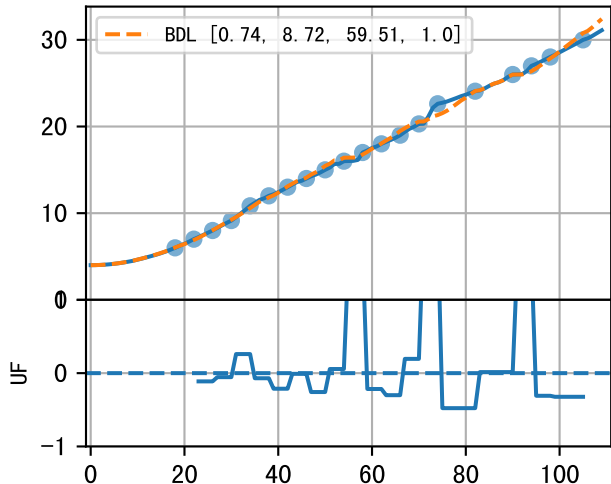
Ndv_avgAbsY (Def=na Set=8.33)
avg1=8.33~17% avg2=na



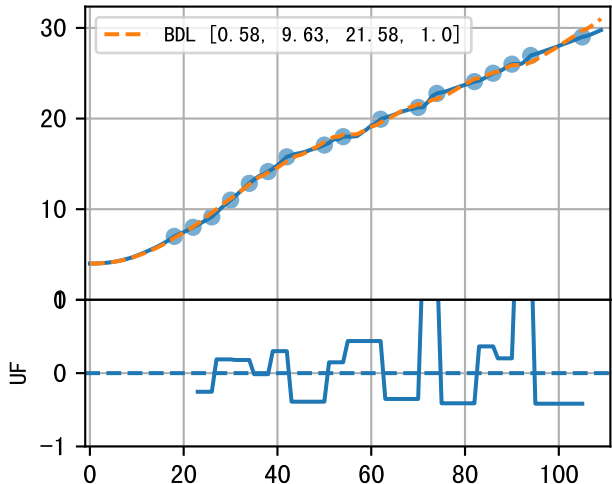
NdV_Q90AbsY (Def=12.72 Set=10.52)
avg1=10.52~20% avg2=na



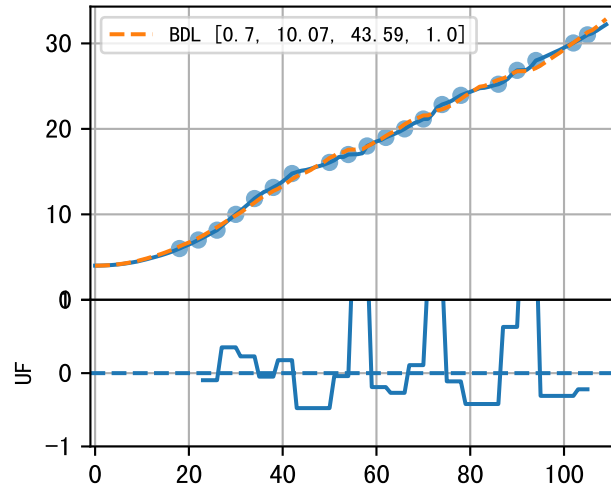
P10AE-081-12 (fit failed)



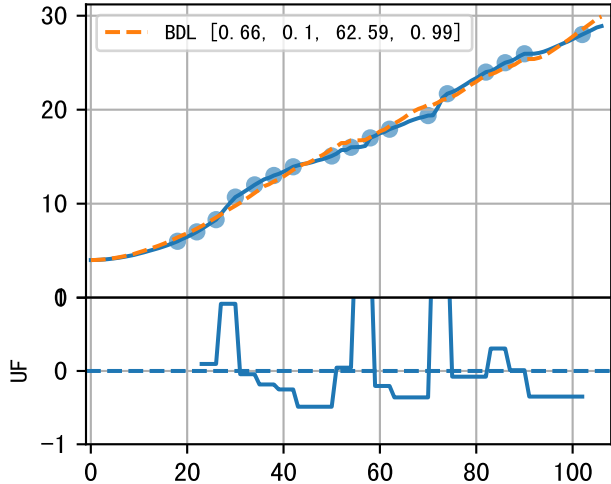
P10AE-087-27 (fit failed)



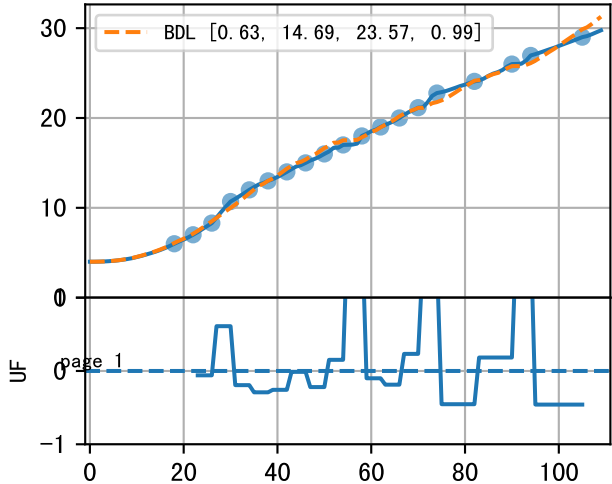
P10AE-095-20 (fit failed)



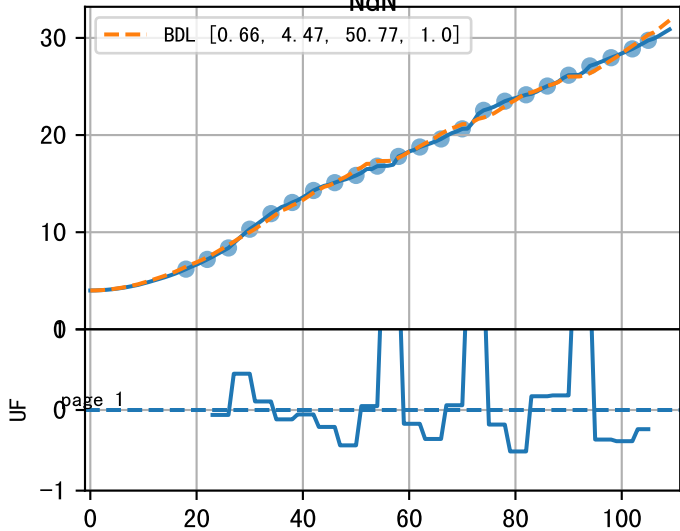
P10AE-103-32 (fit failed)

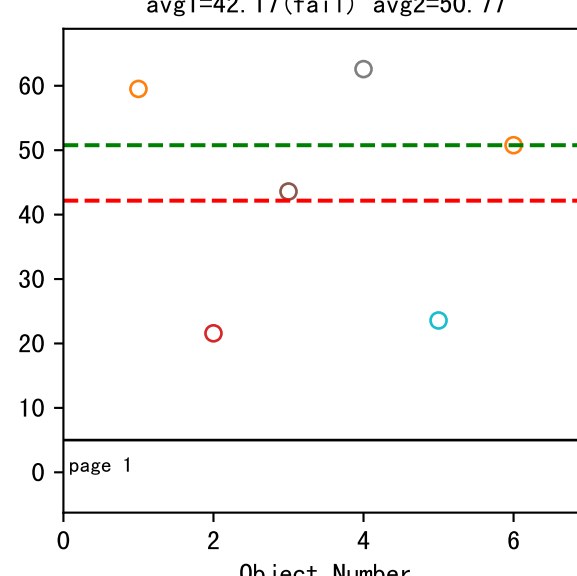
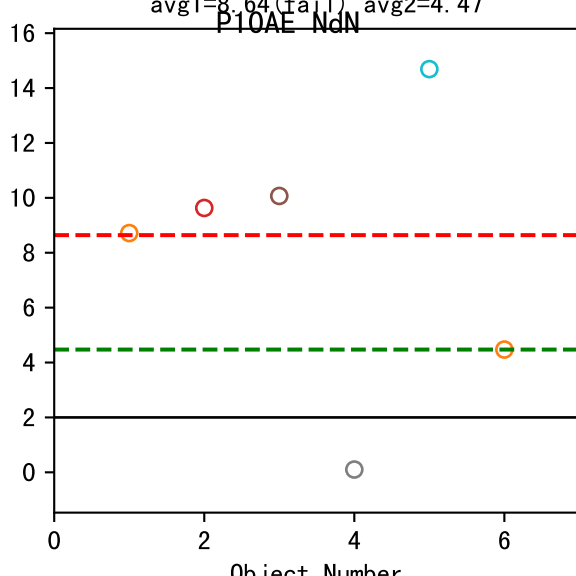
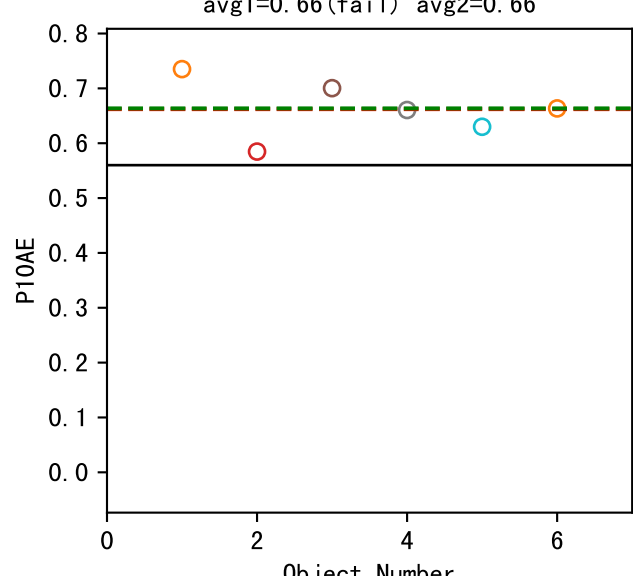


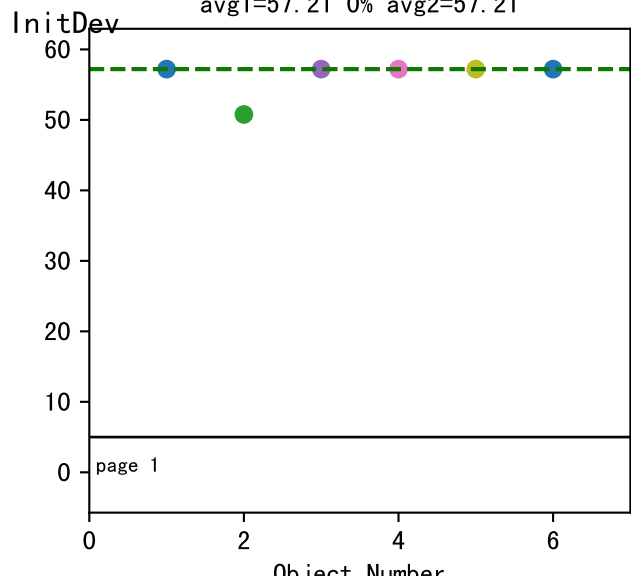
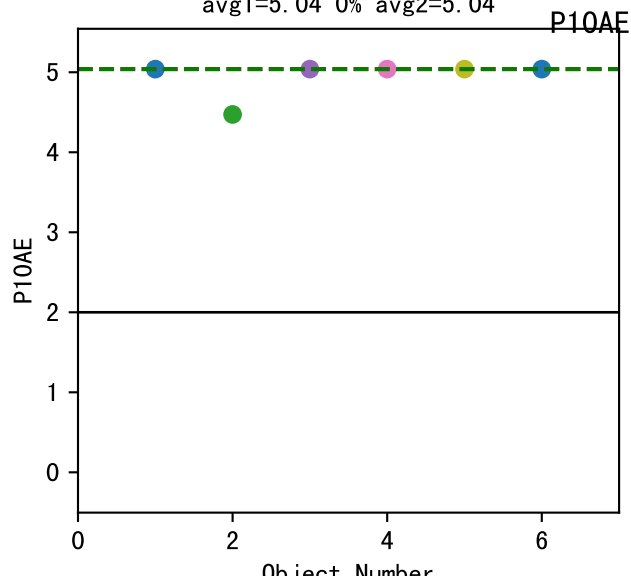
P10AE-114-7 (fit failed)



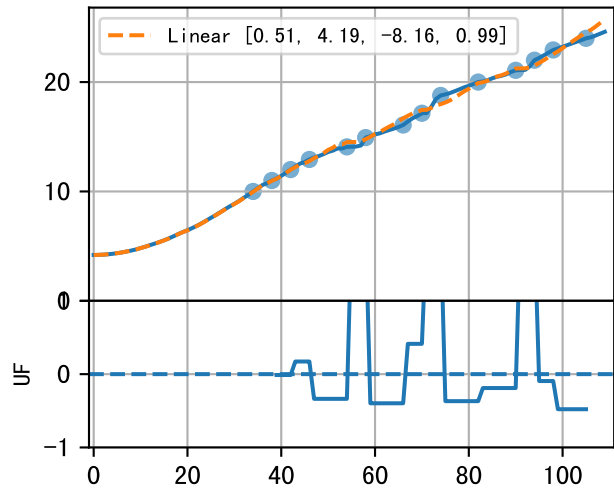
PIOAEavg (fit failed)
NdN



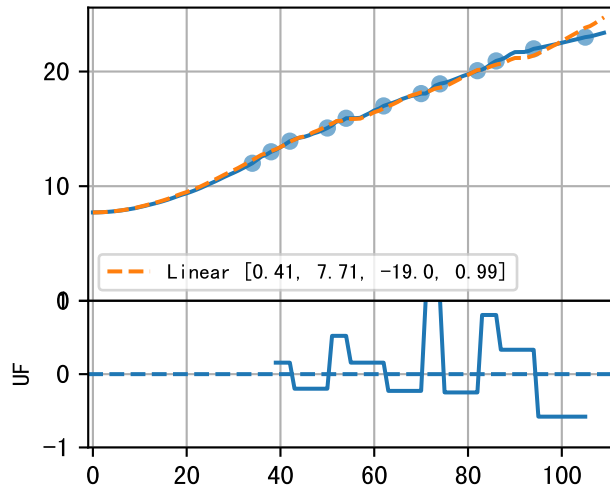




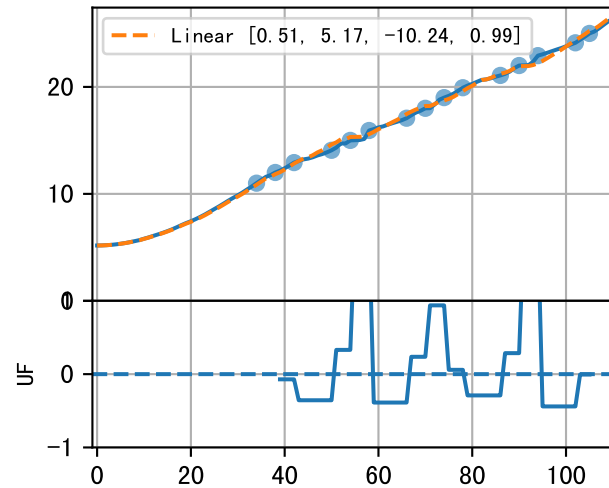
P10AE-081-12



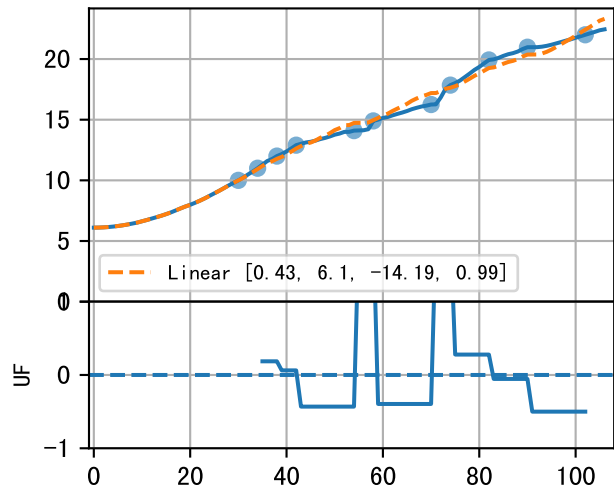
P10AE-087-27



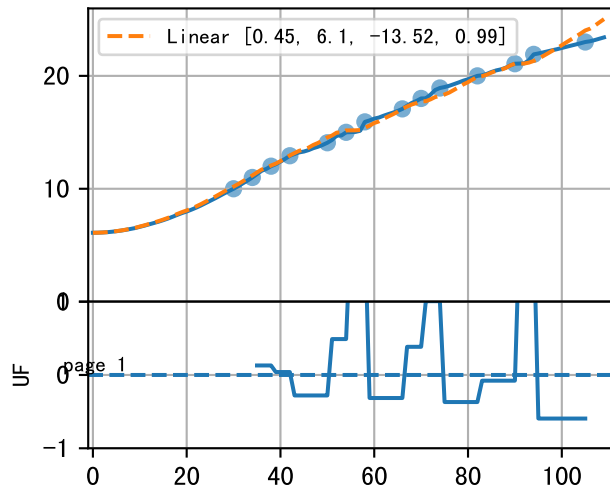
P10AE-095-20



P10AE-103-32

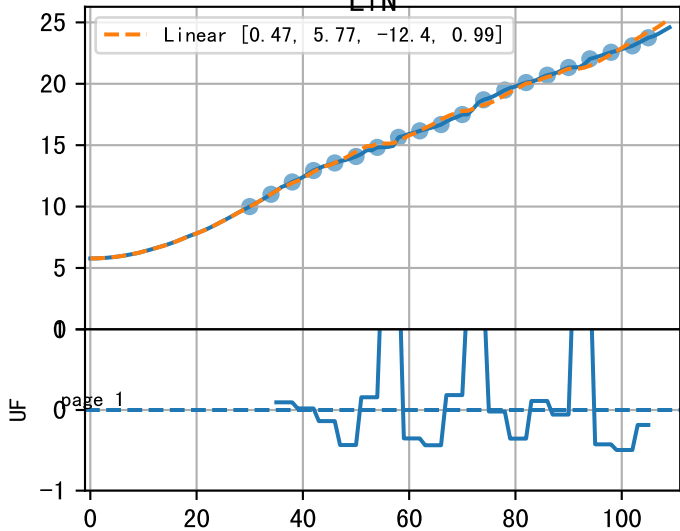


P10AE-114-7

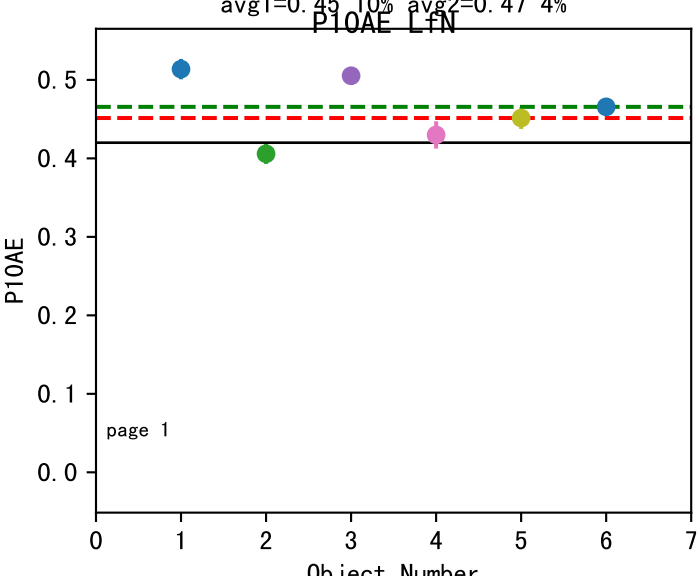


PTUARavg
LfN

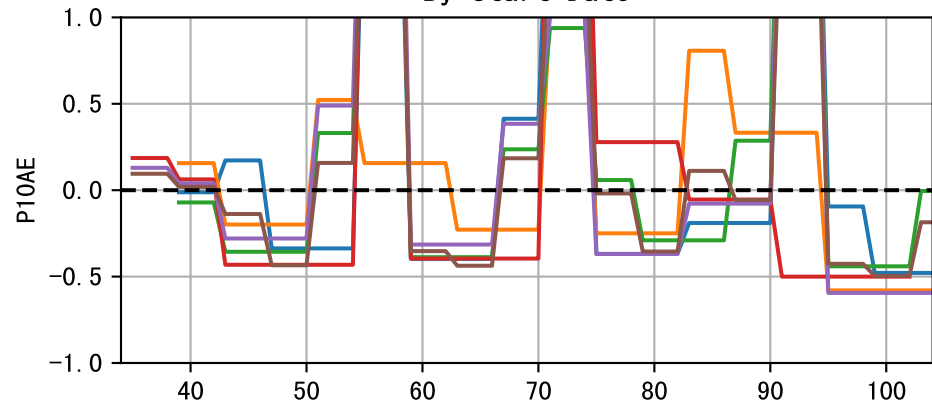
Linear [0.47, 5.77, -12.4, 0.99]



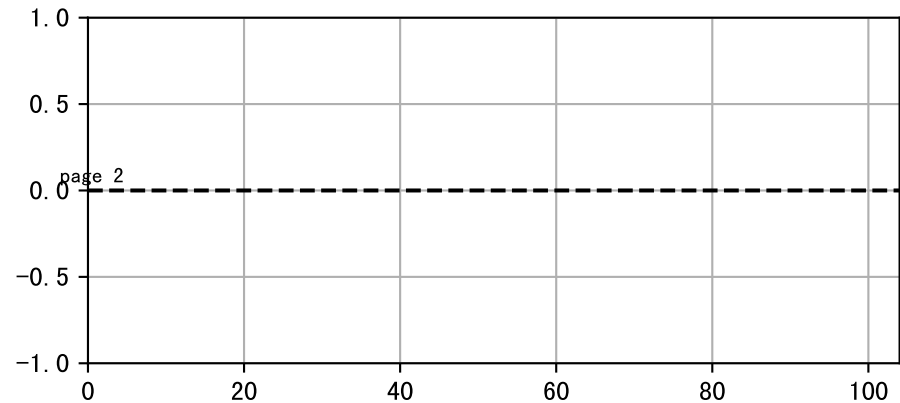
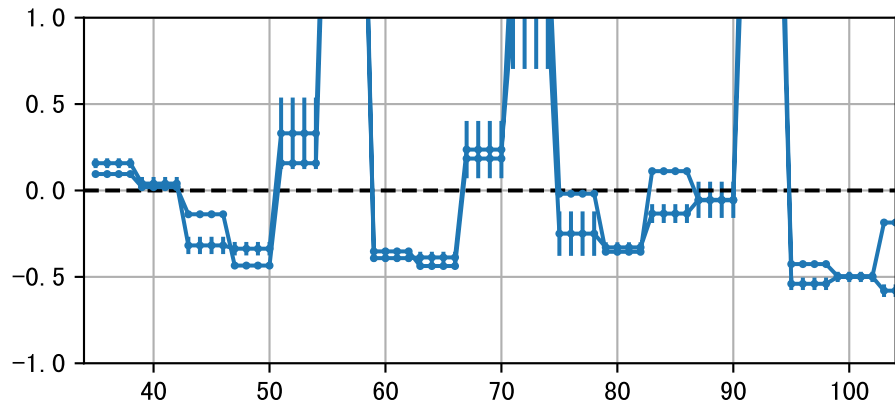
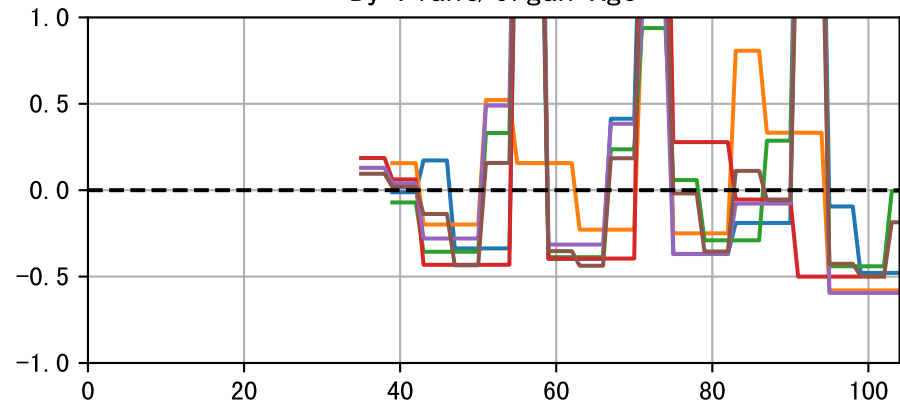
page 1



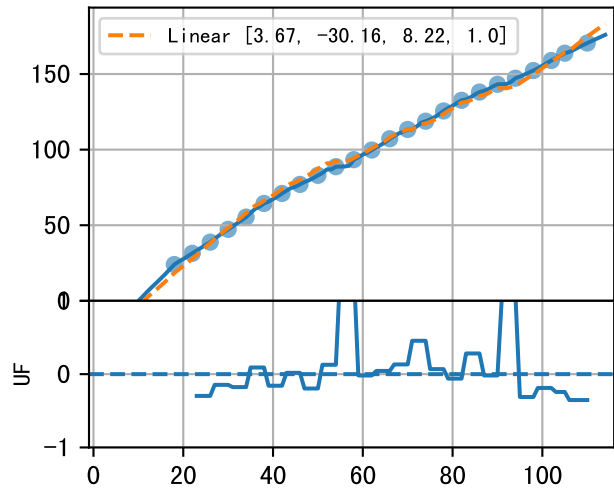
By Start Date



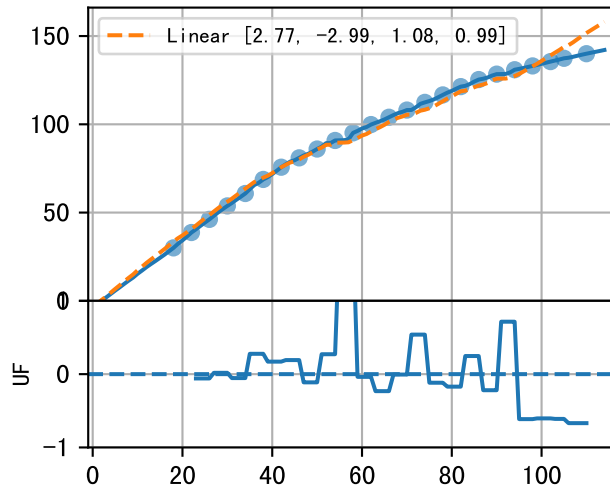
By Plant/Organ Age



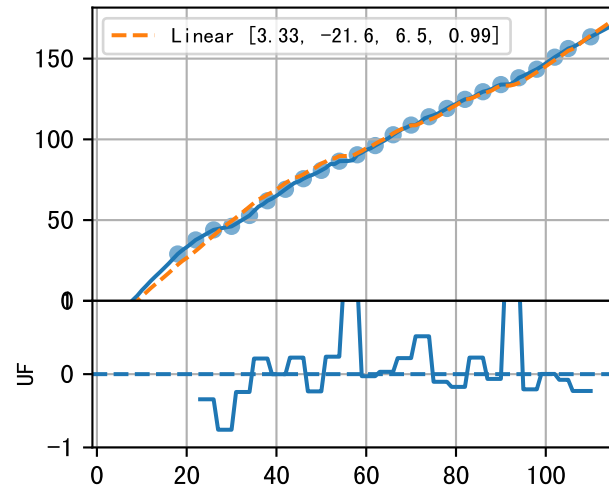
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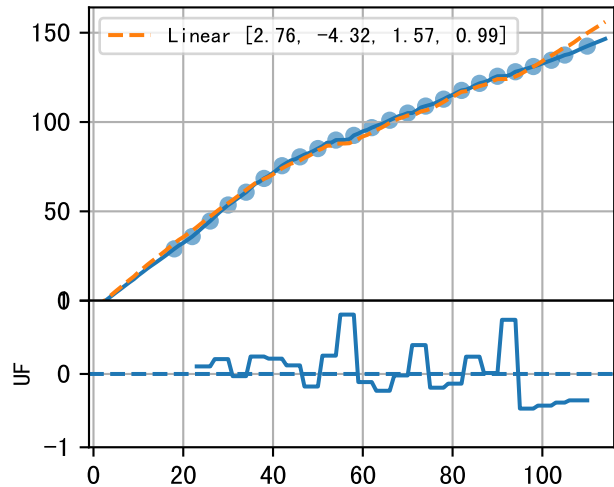
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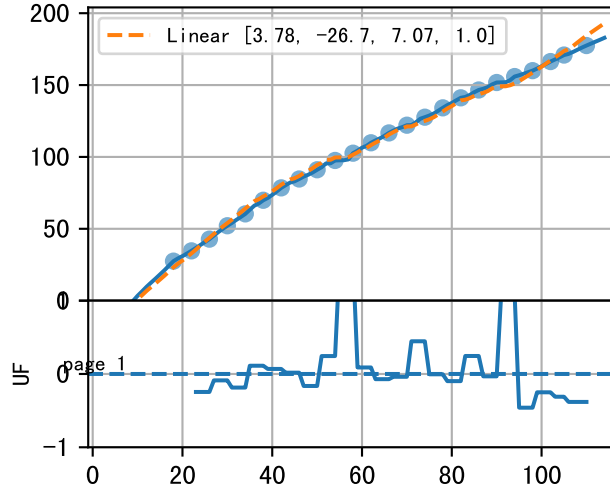
P10AE-095-20

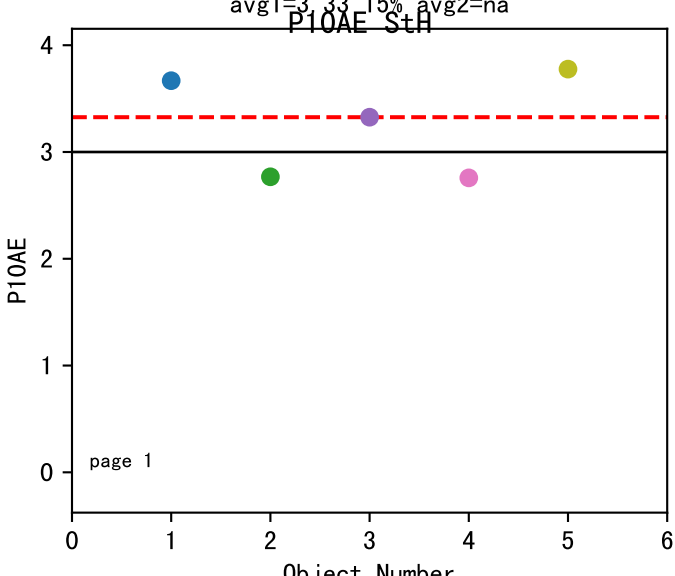


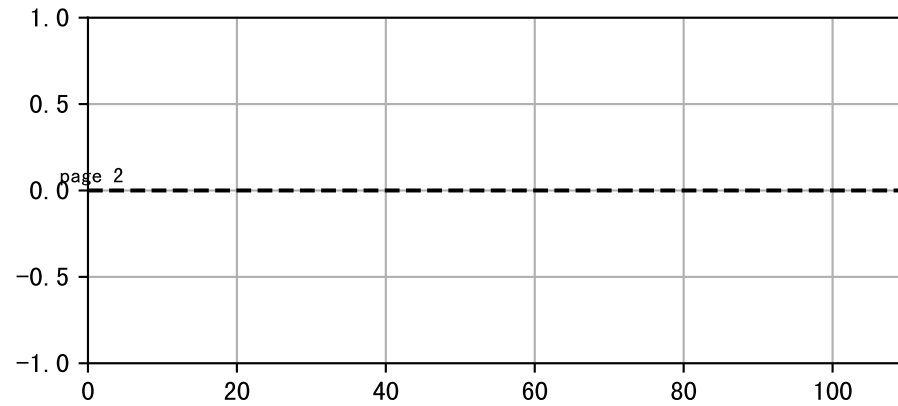
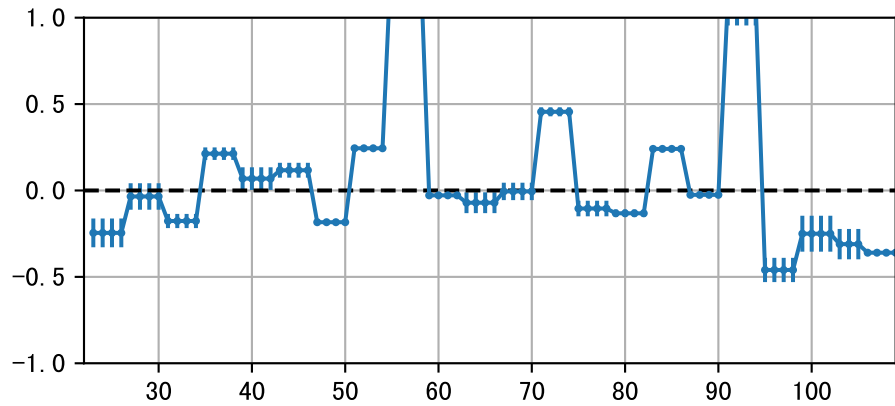
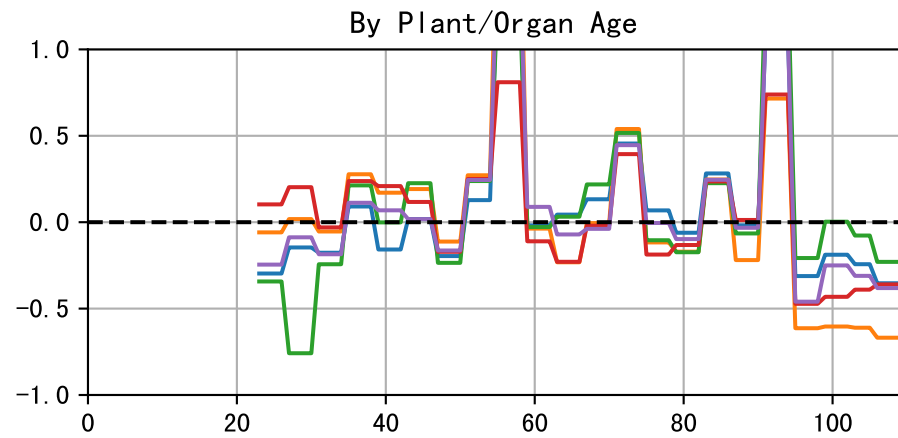
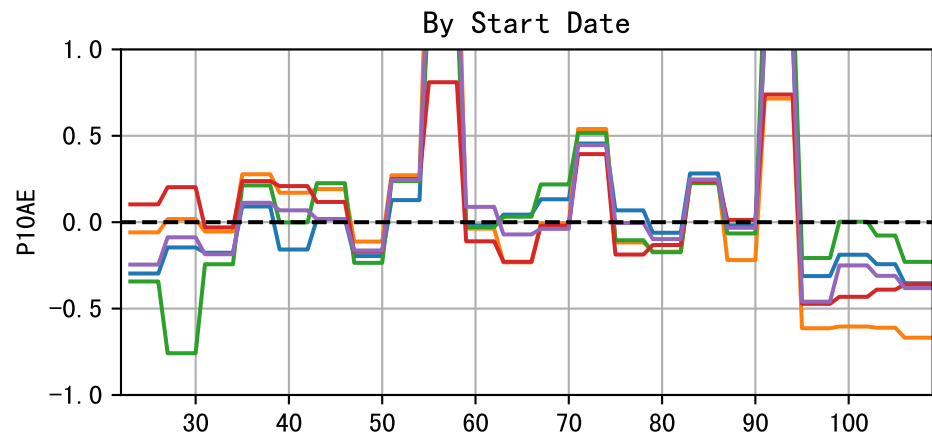
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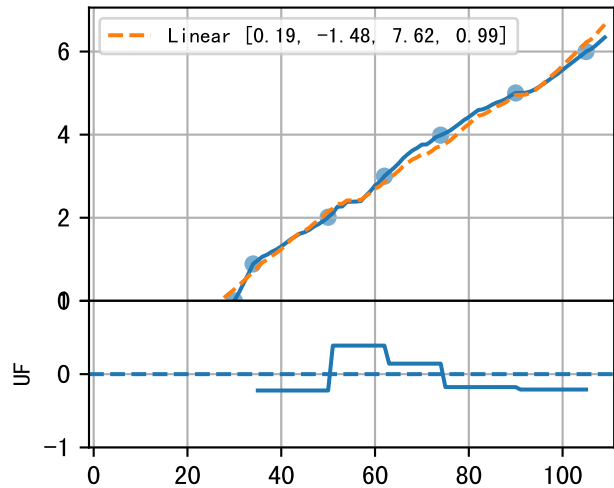
P10AE-114-7



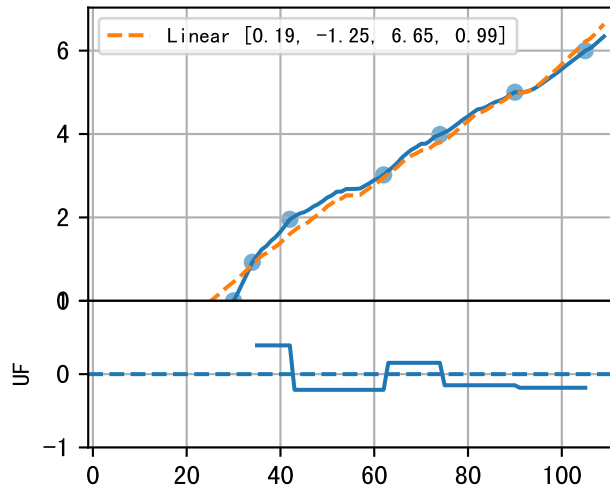




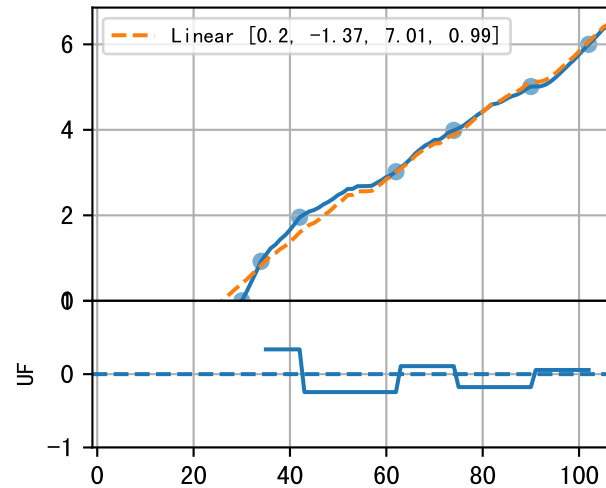
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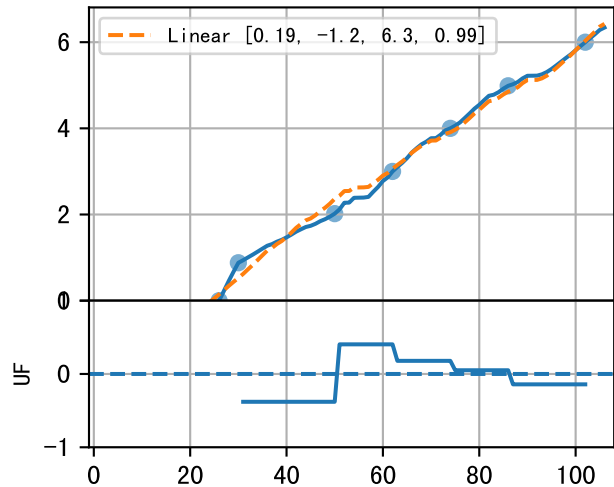
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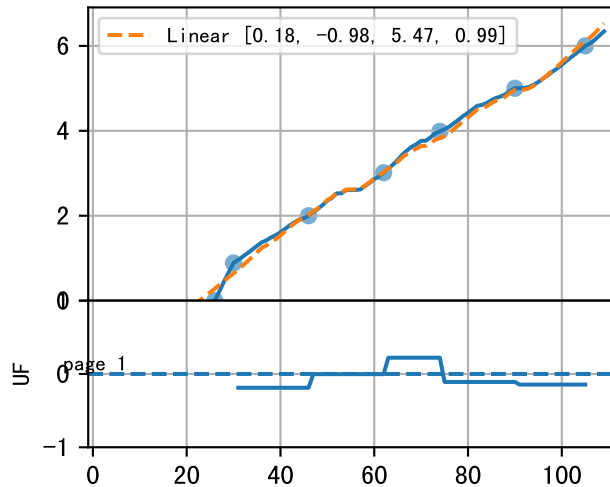
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P10AE-103-32

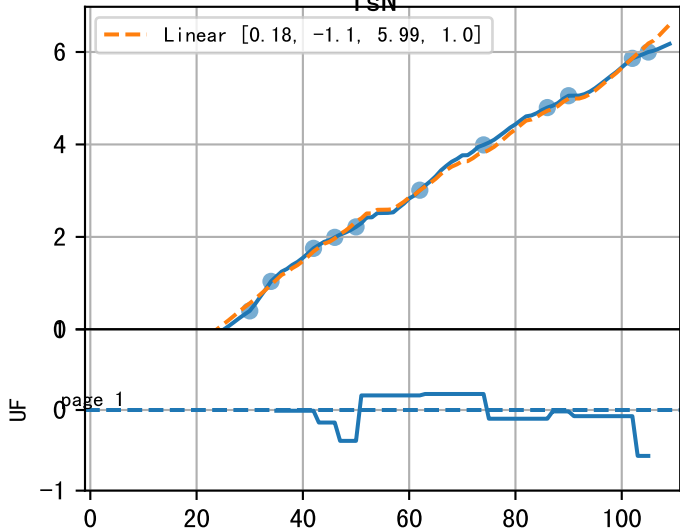


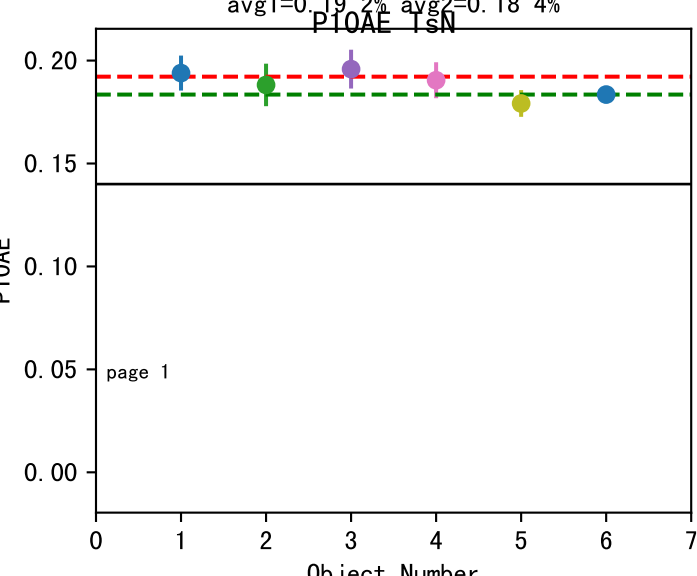
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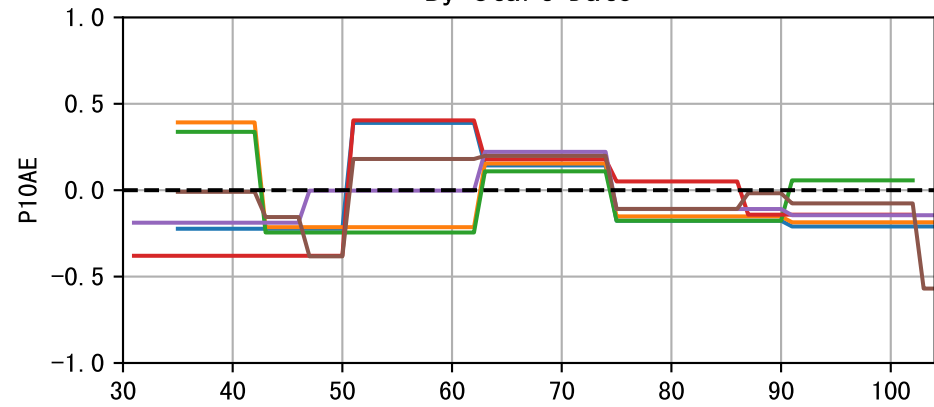
PTOARavg
TSN

Linear [0.18, -1.1, 5.99, 1.0]

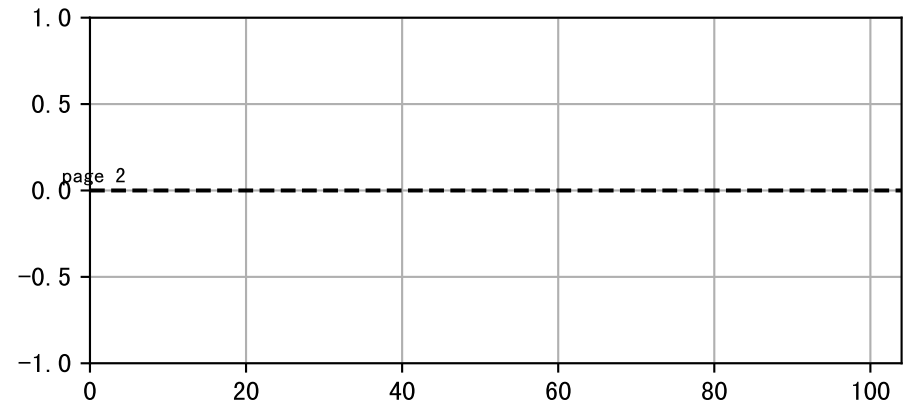
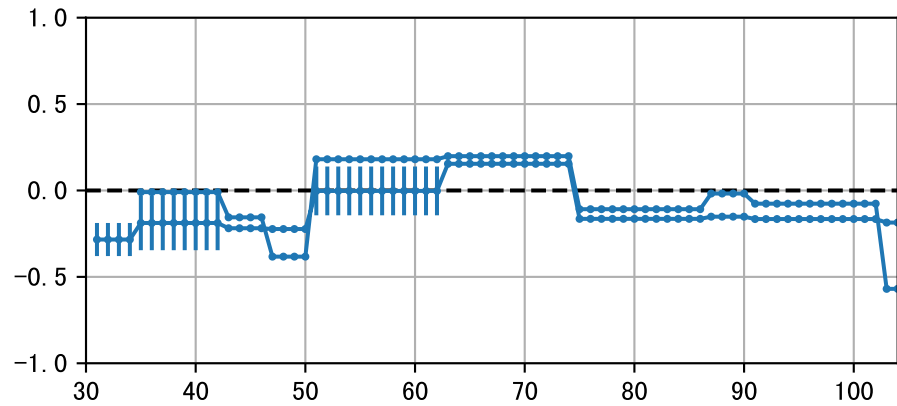
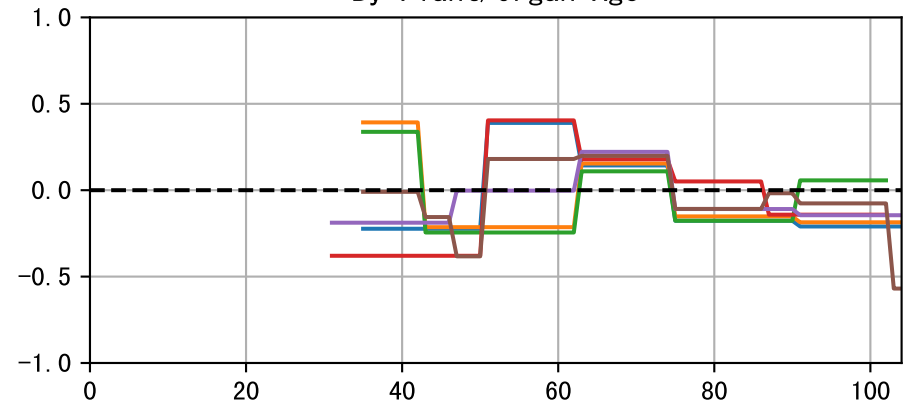


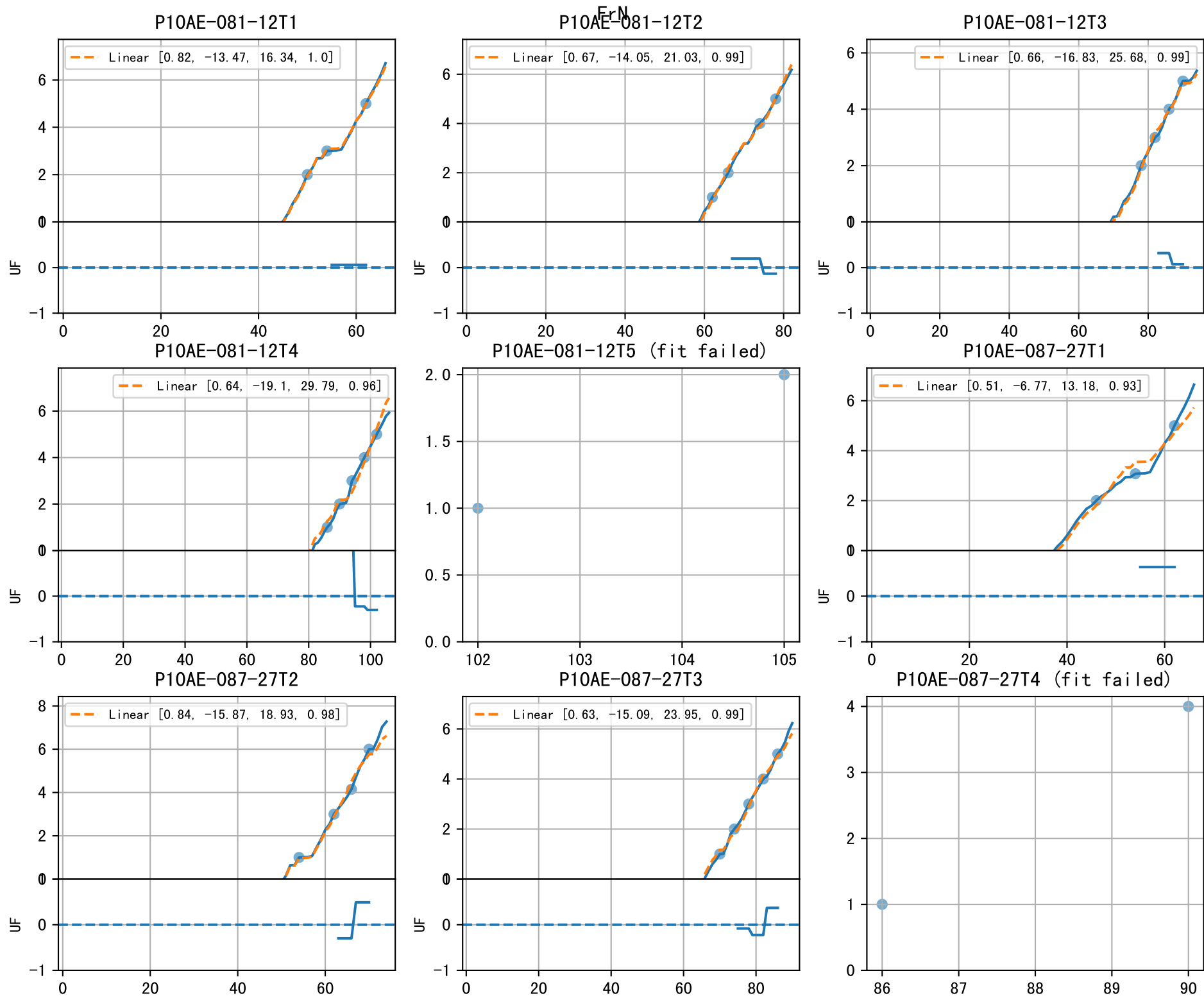


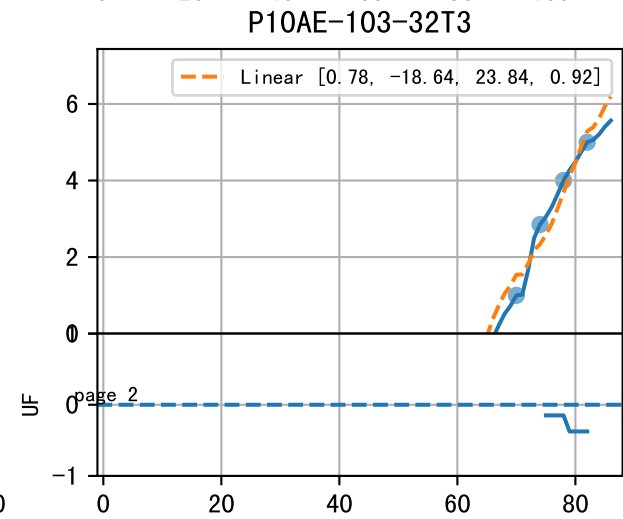
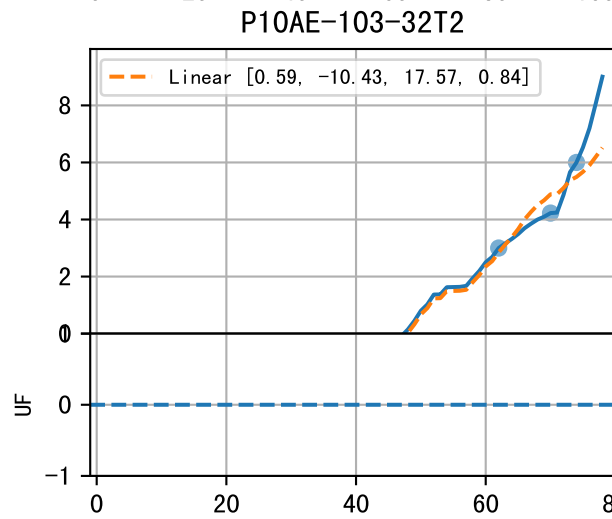
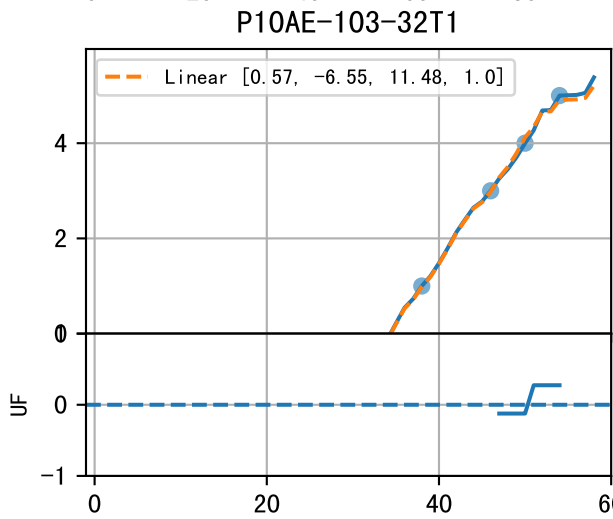
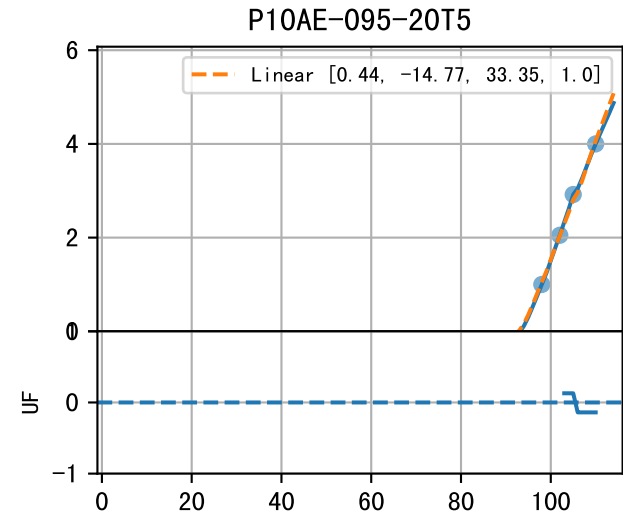
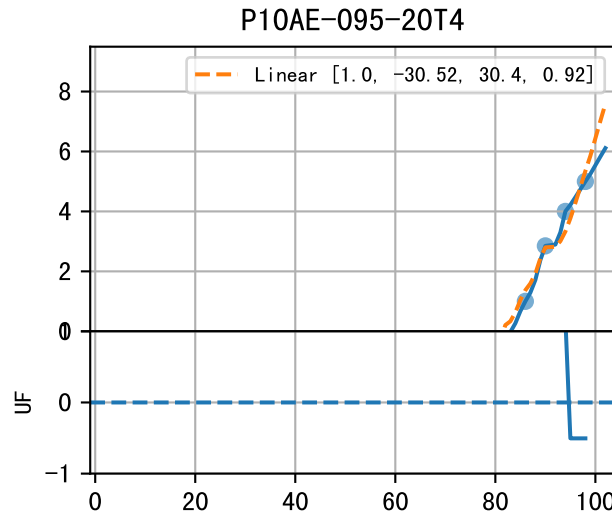
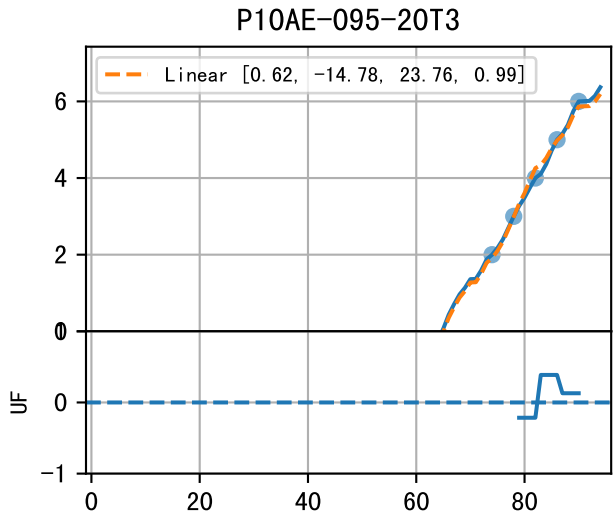
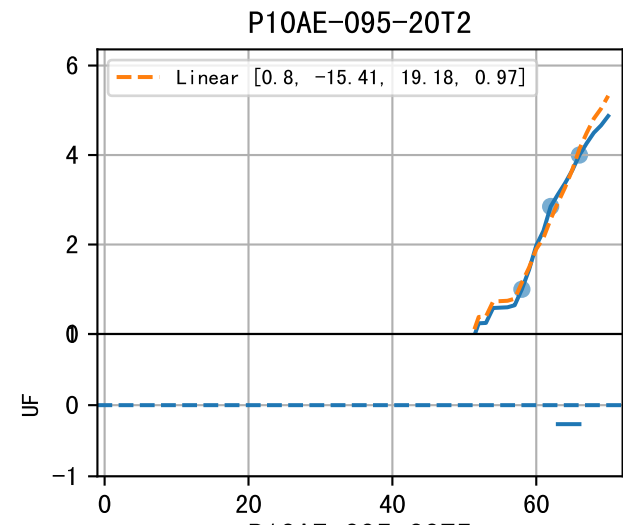
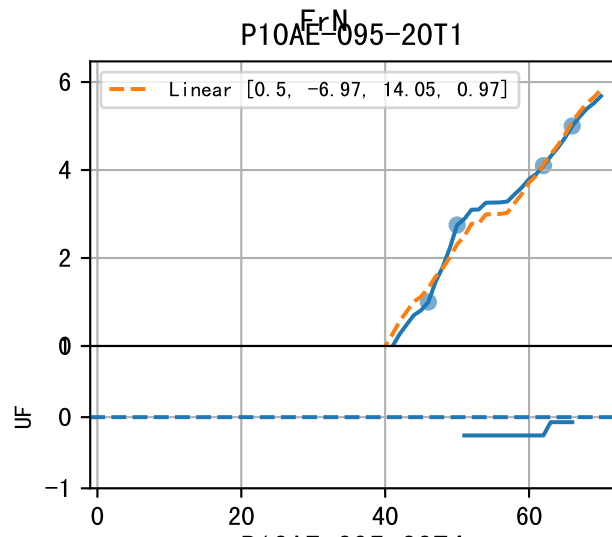
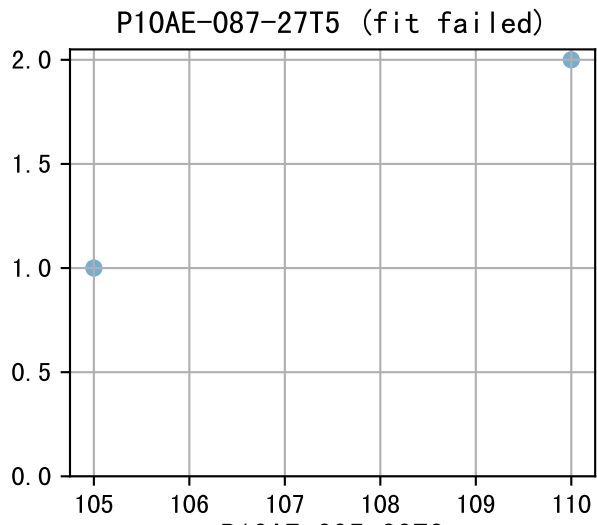
By Start Date



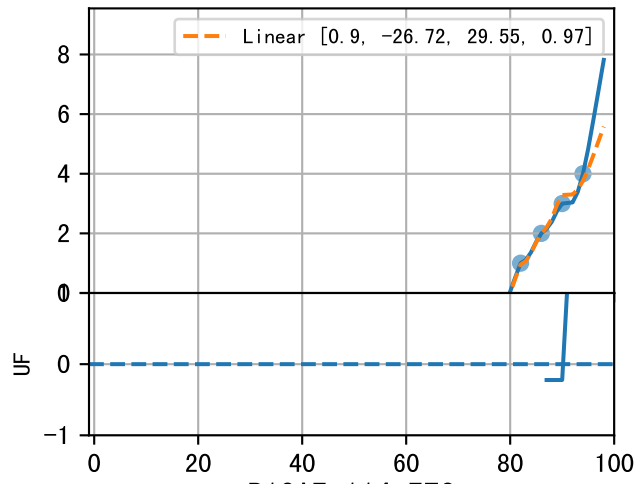
By Plant/Organ Age



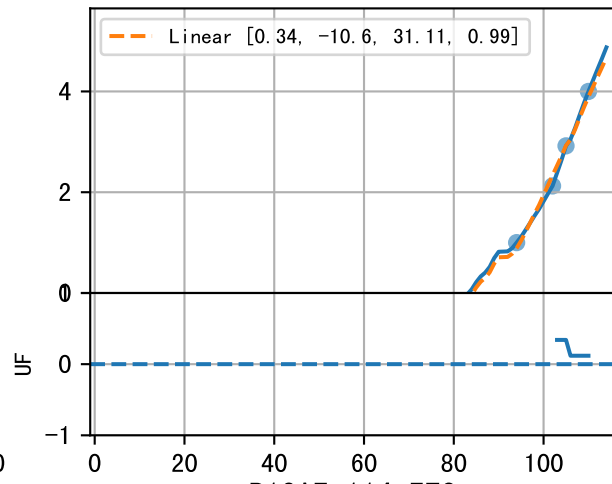




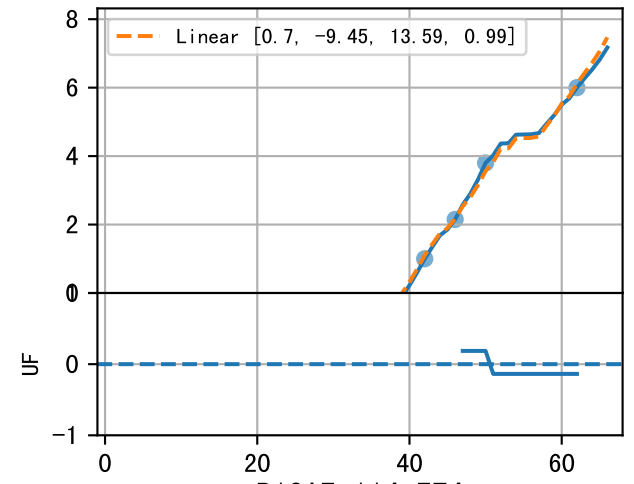
P10AE-103-32T4



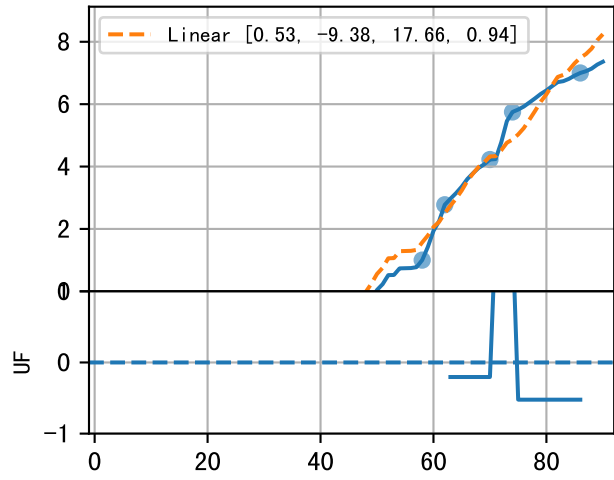
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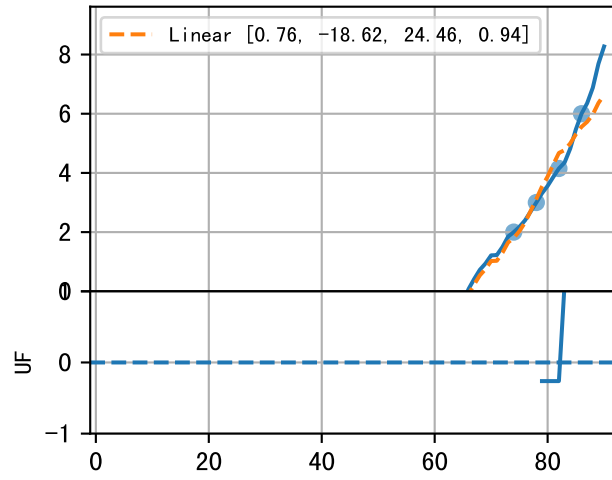
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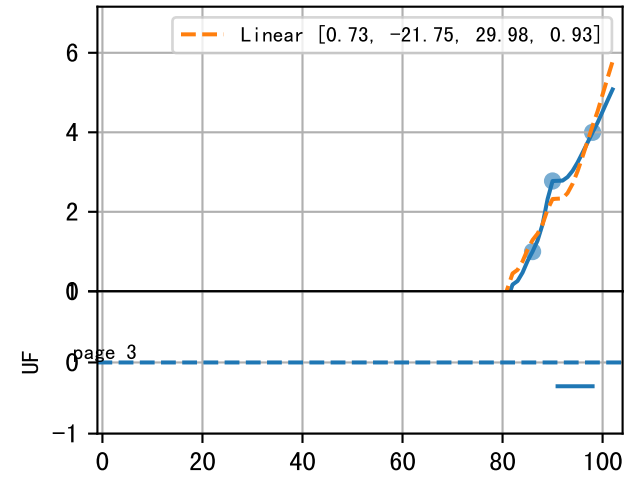
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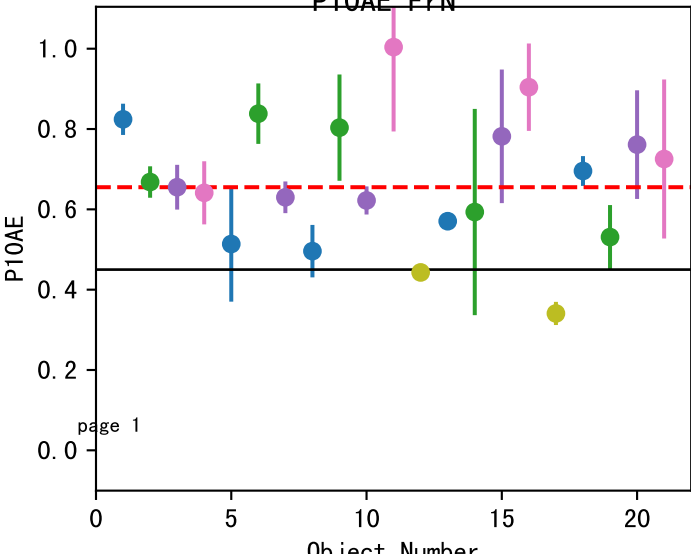
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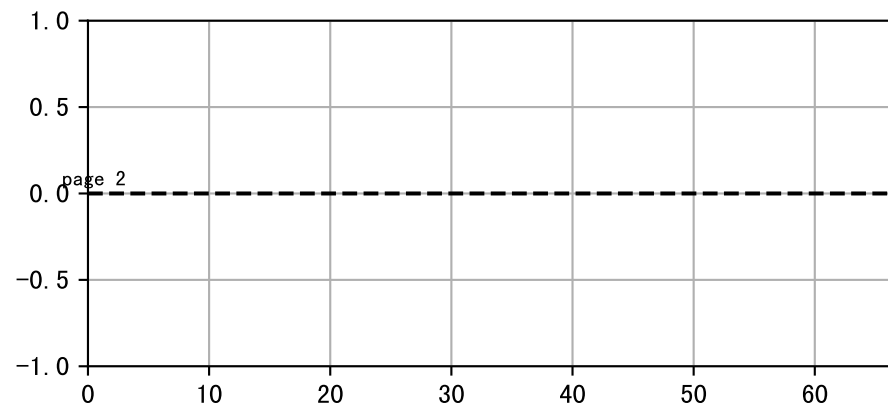
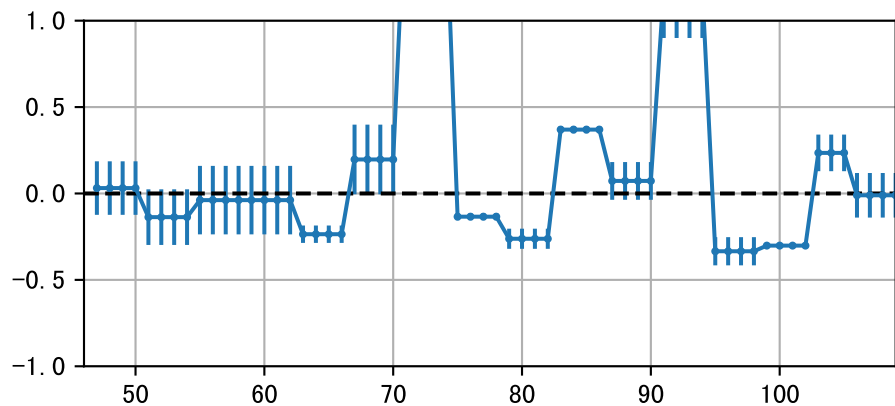
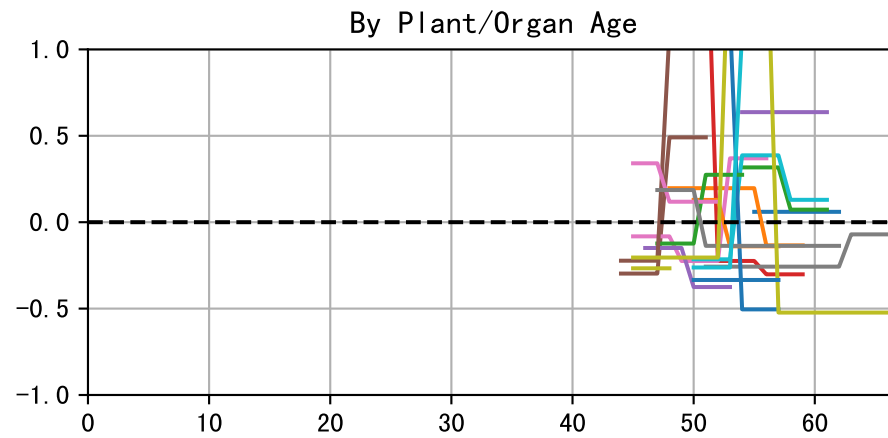
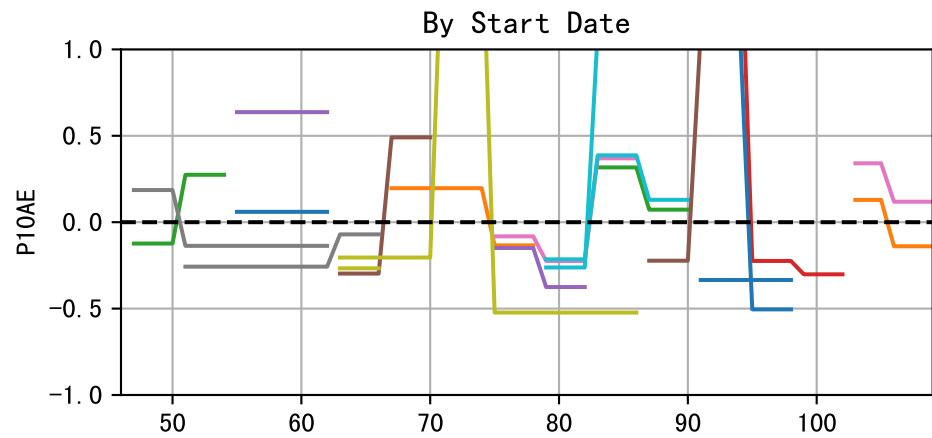


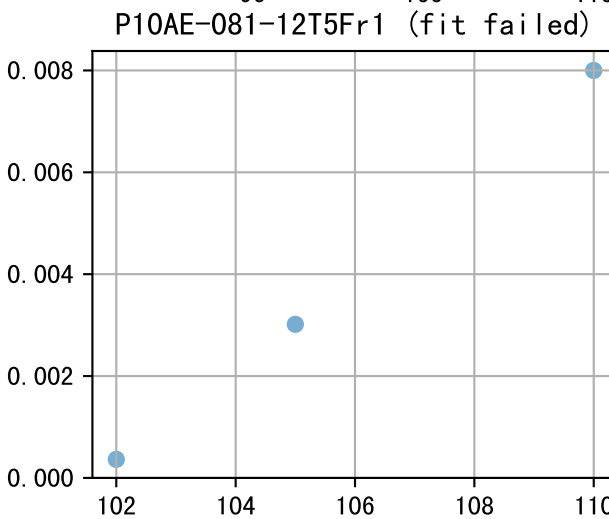
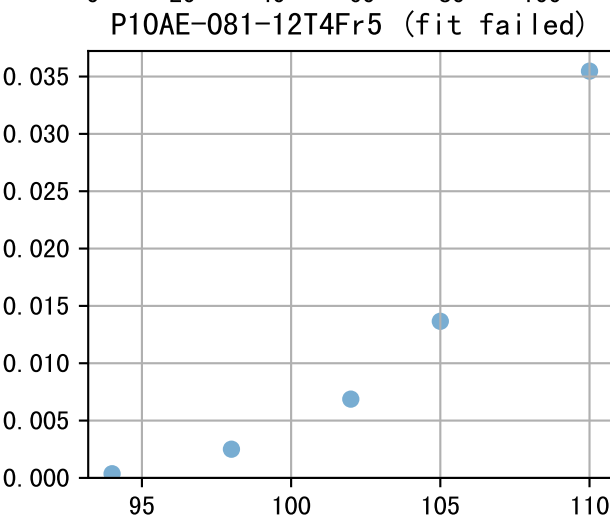
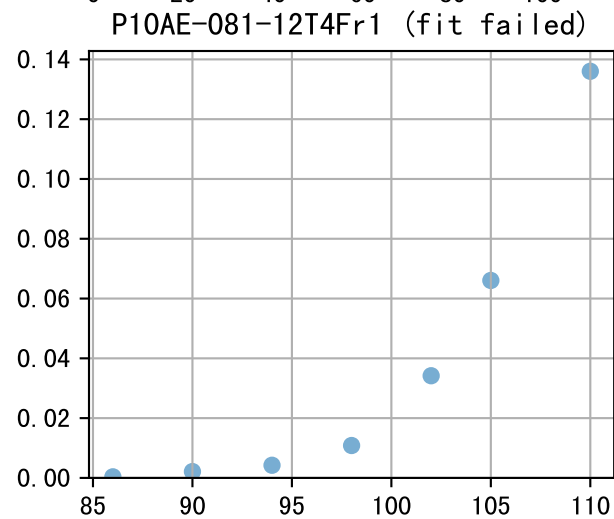
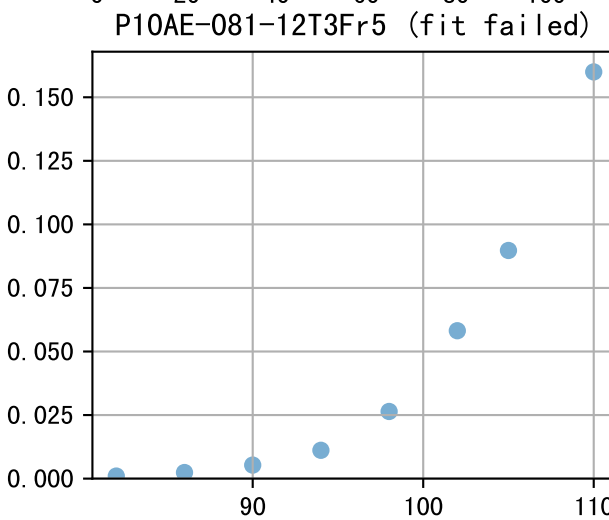
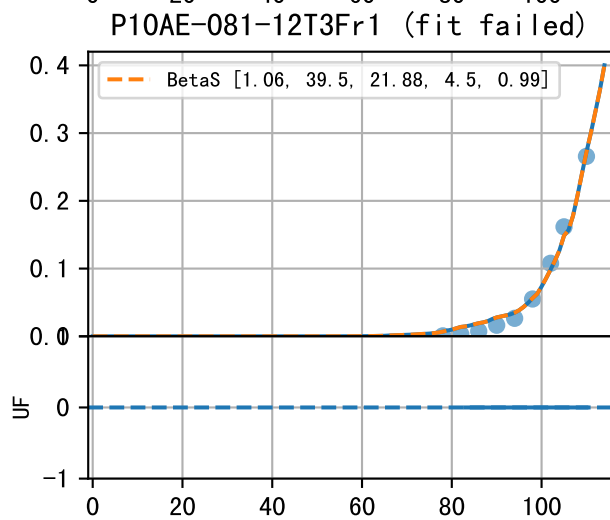
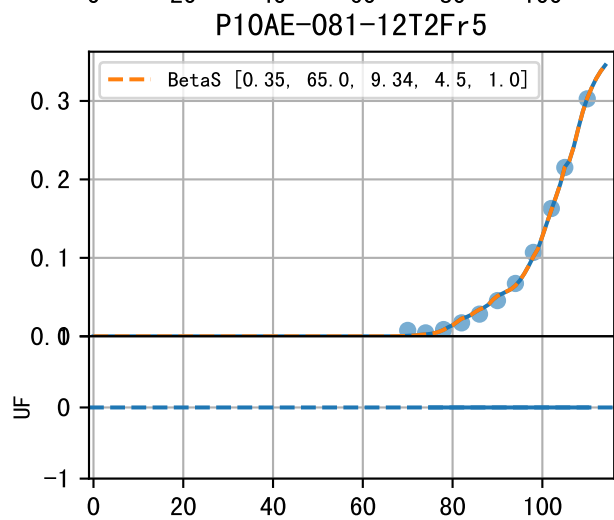
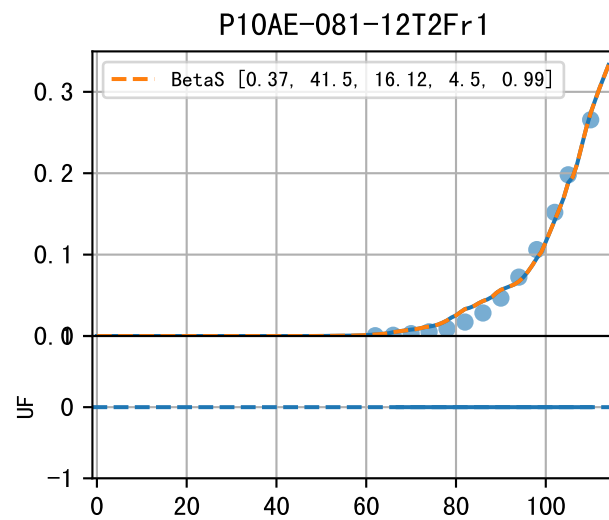
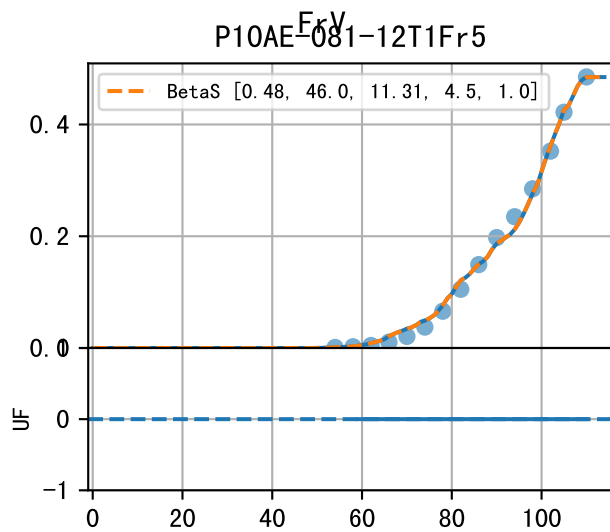
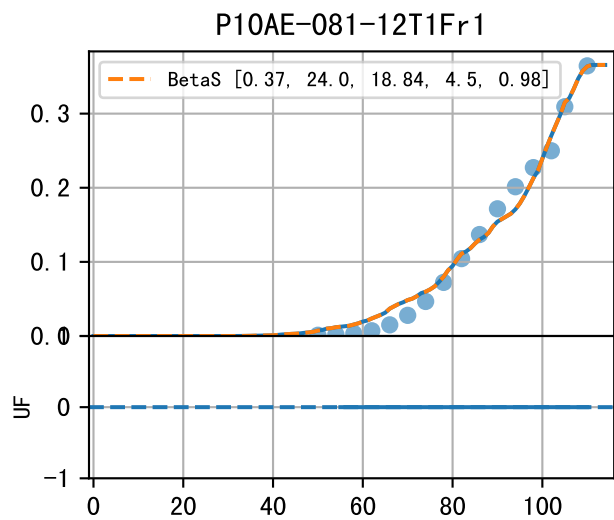
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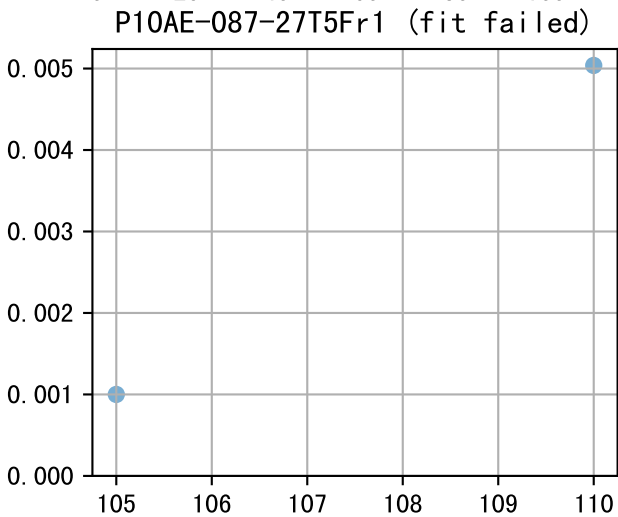
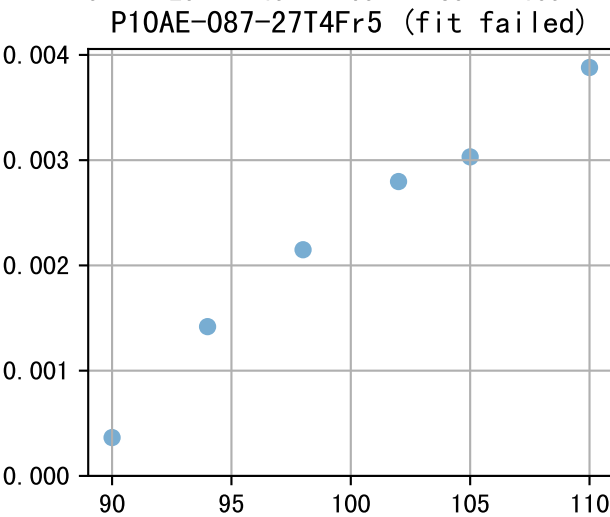
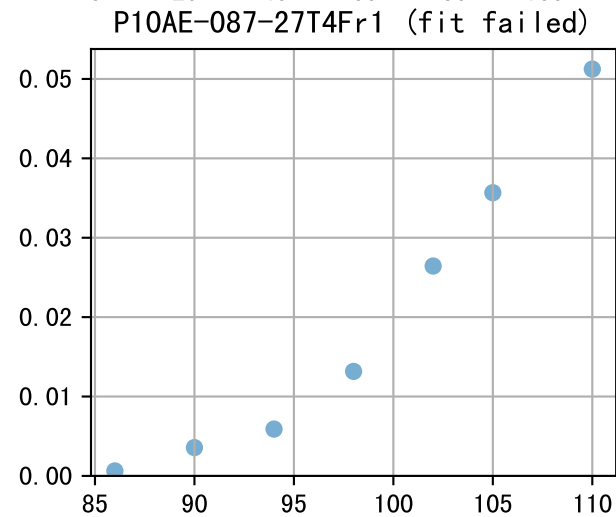
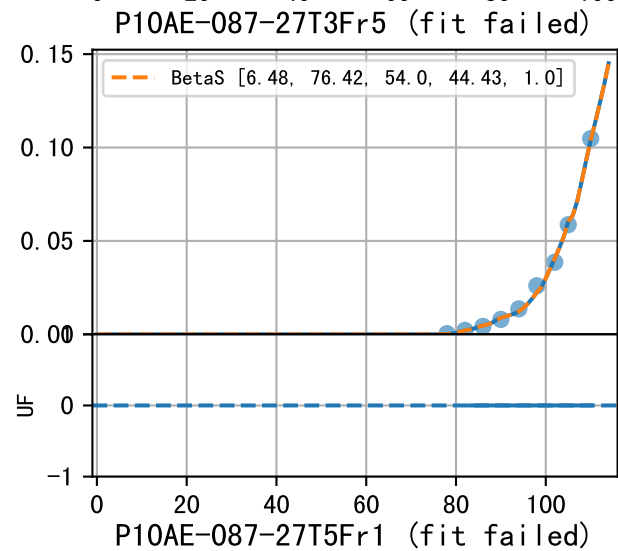
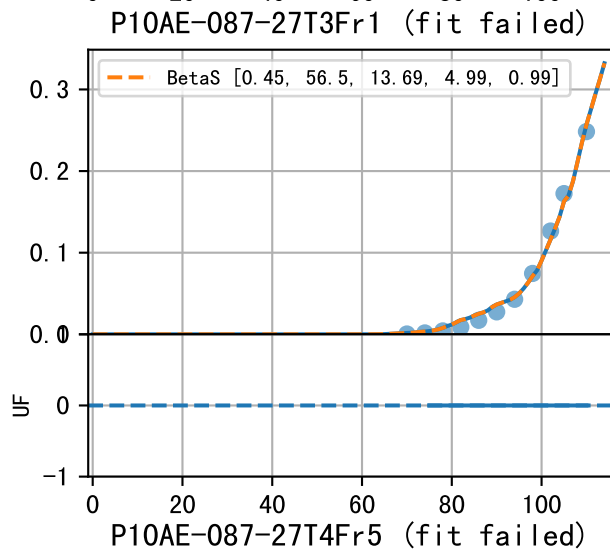
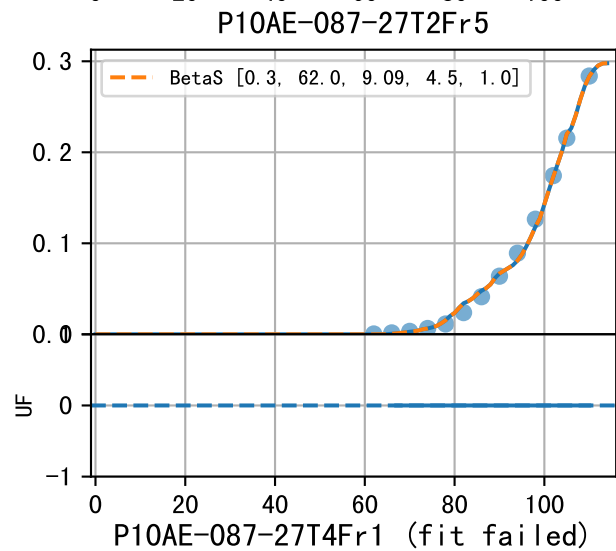
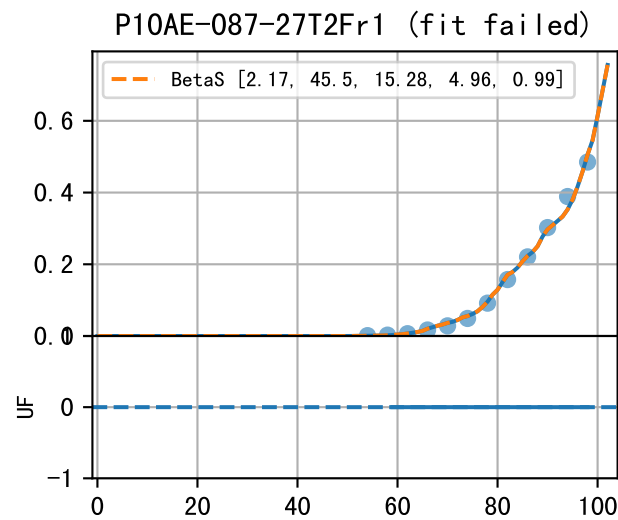
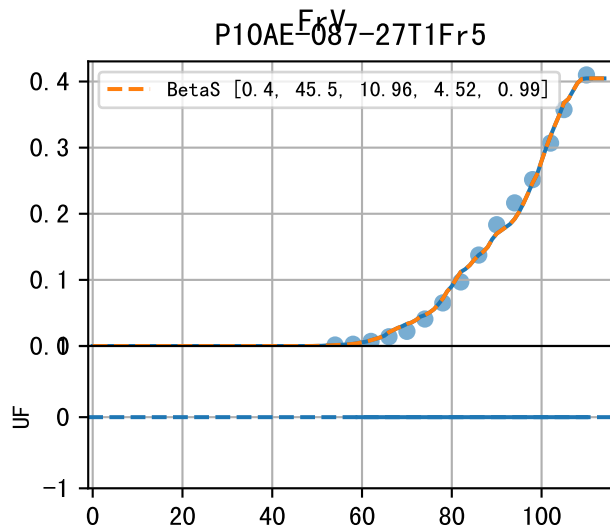
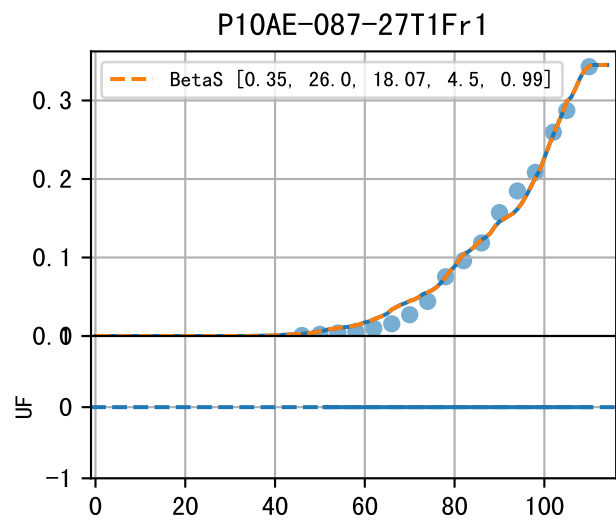


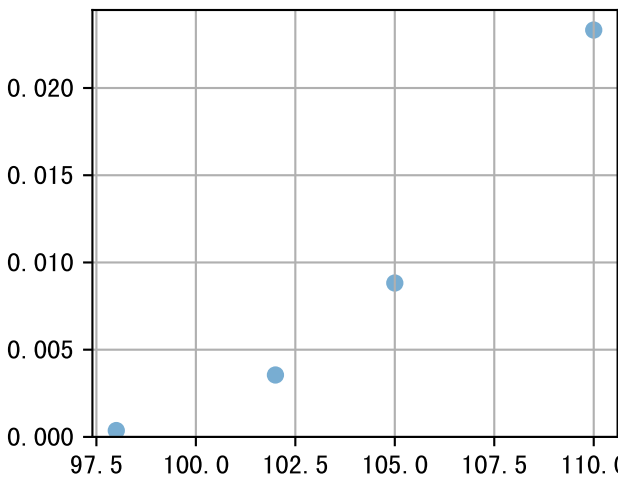
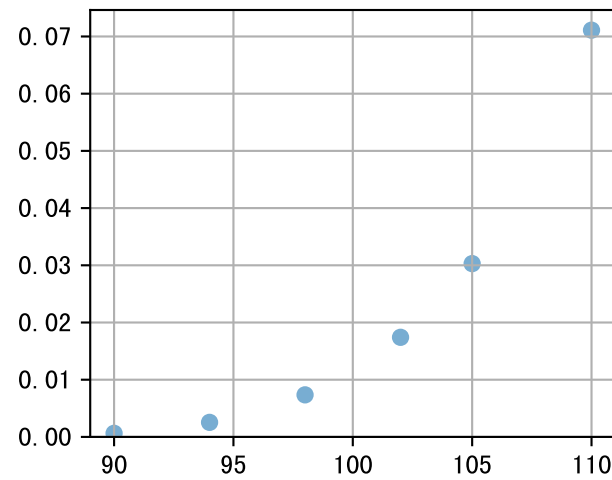
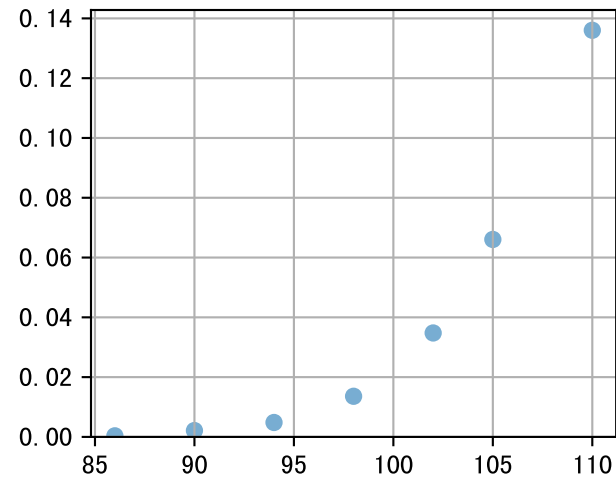
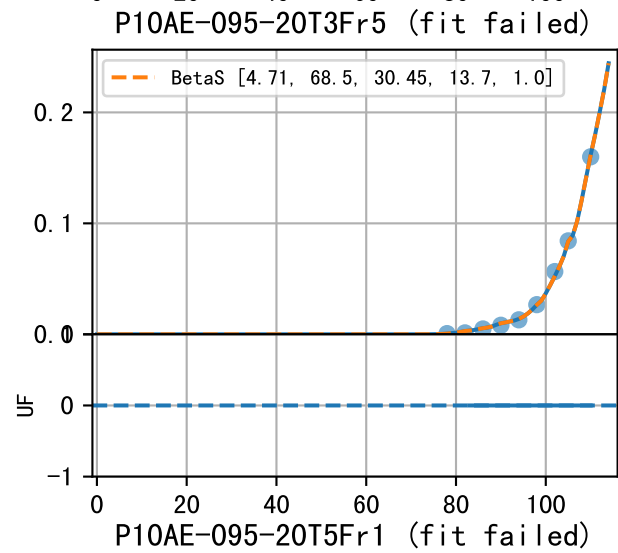
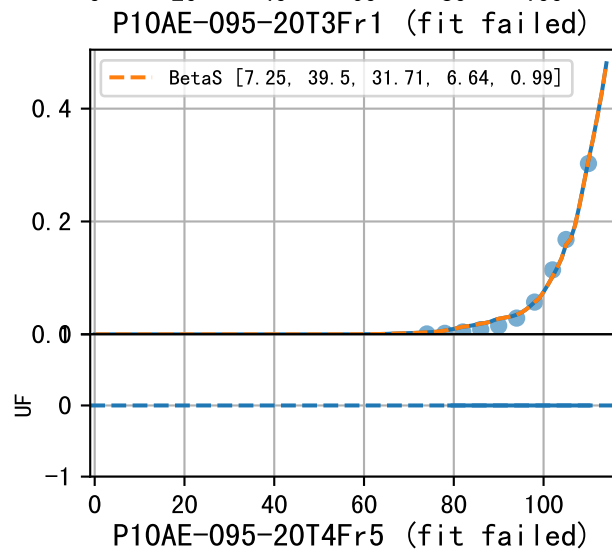
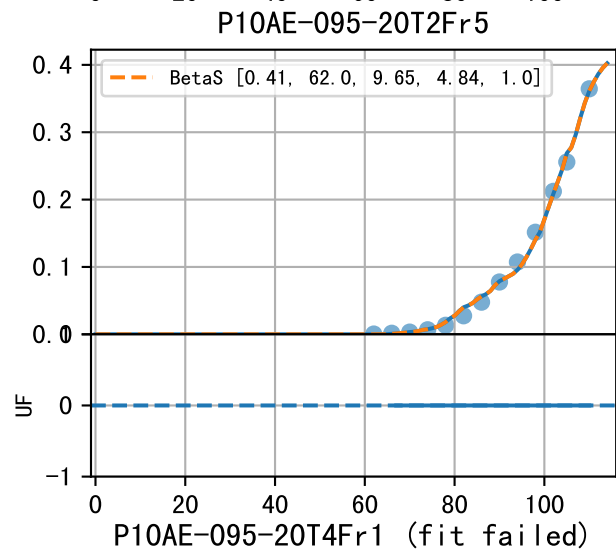
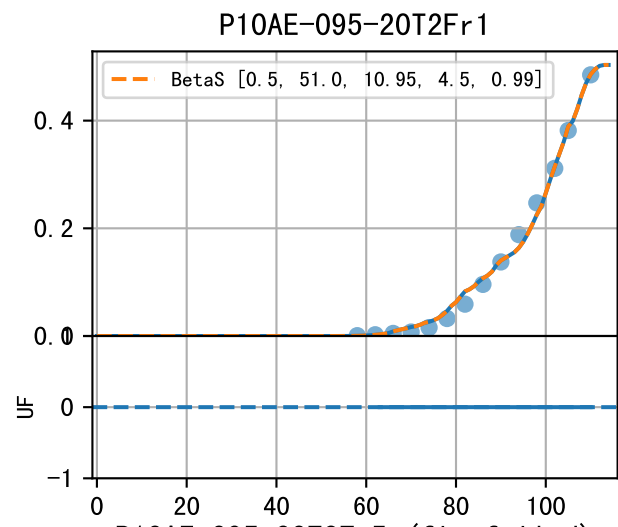
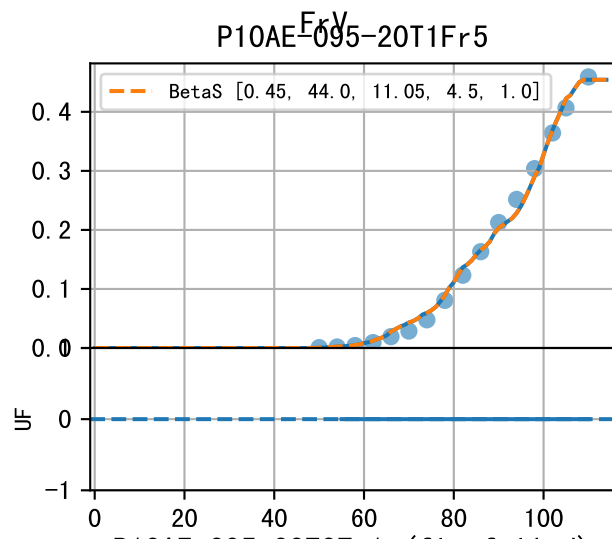
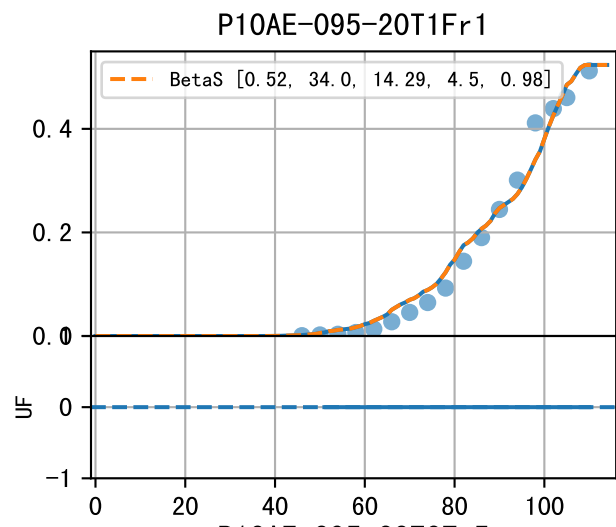
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P10AE FrN

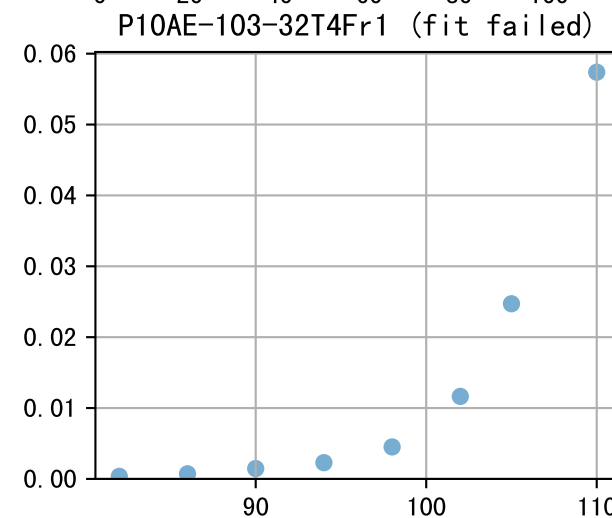
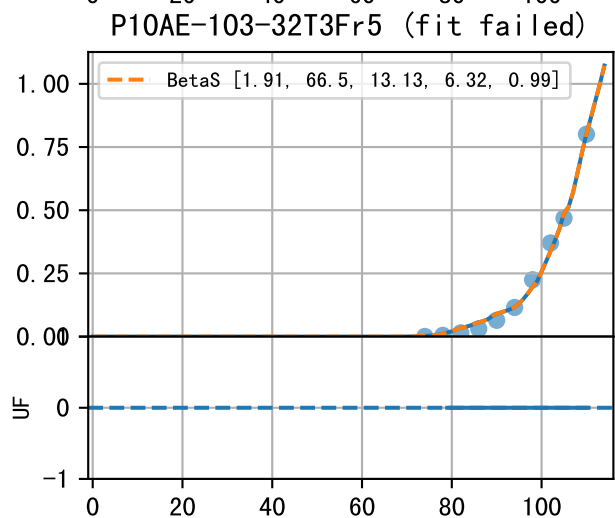
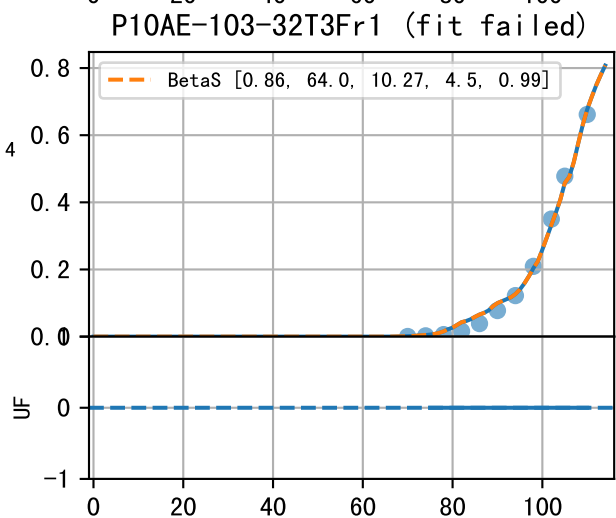
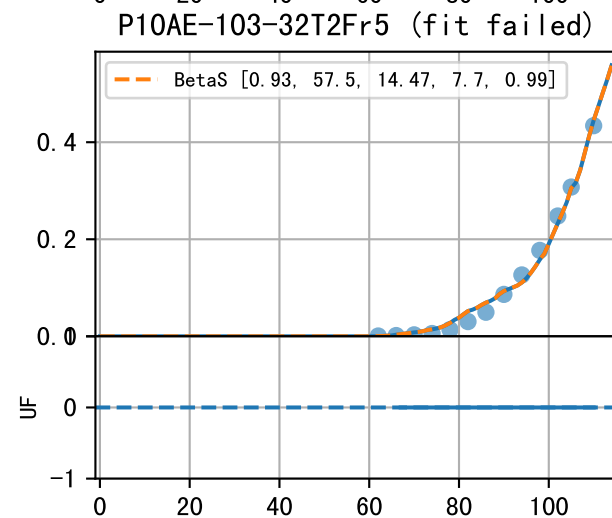
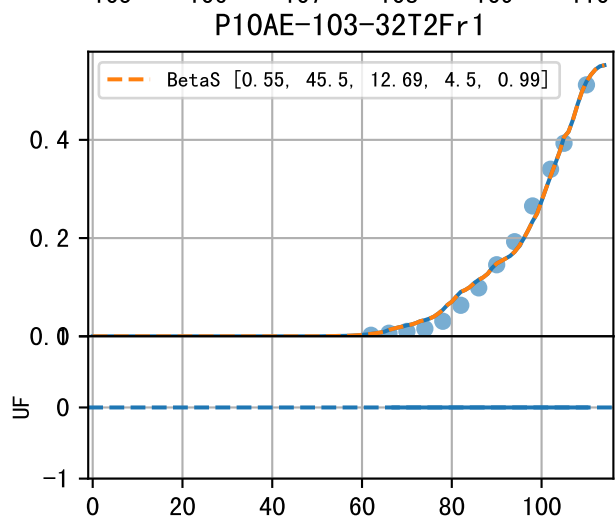
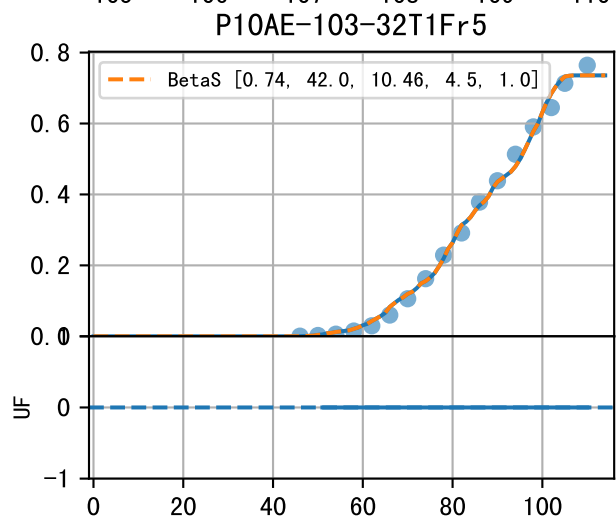
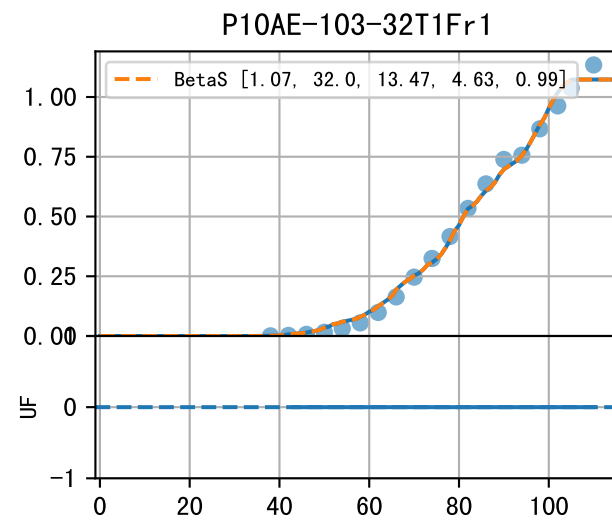
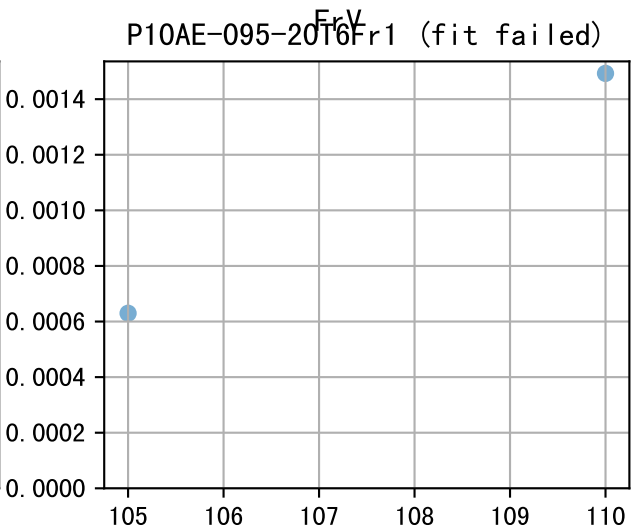
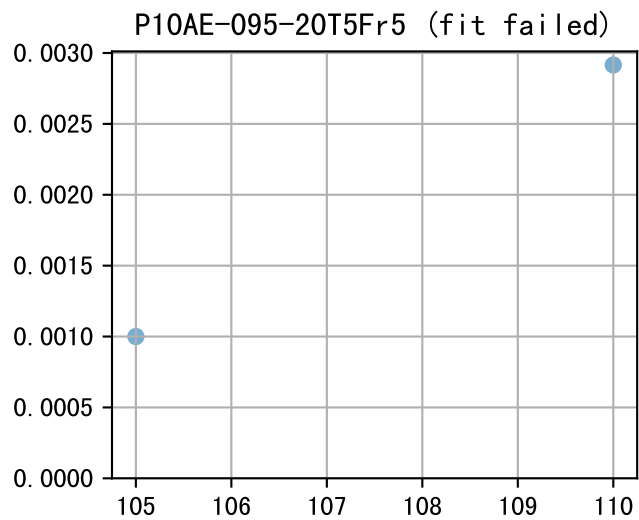


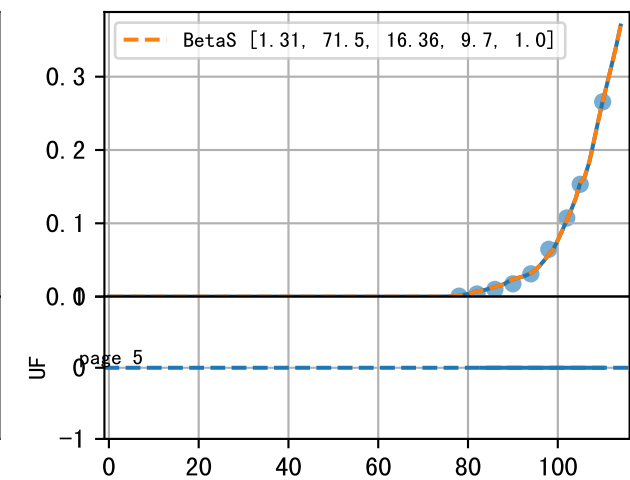
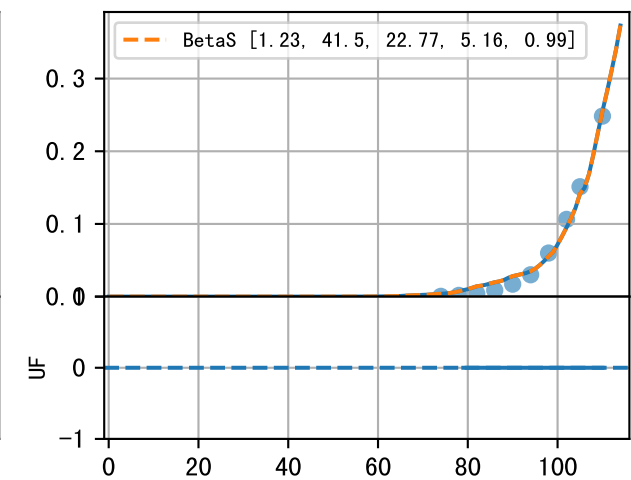
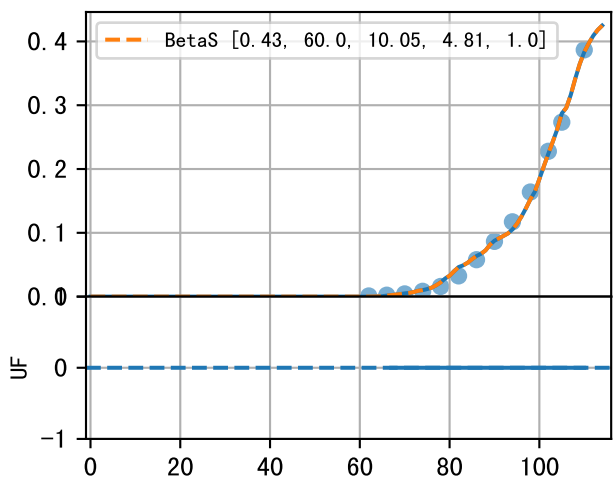
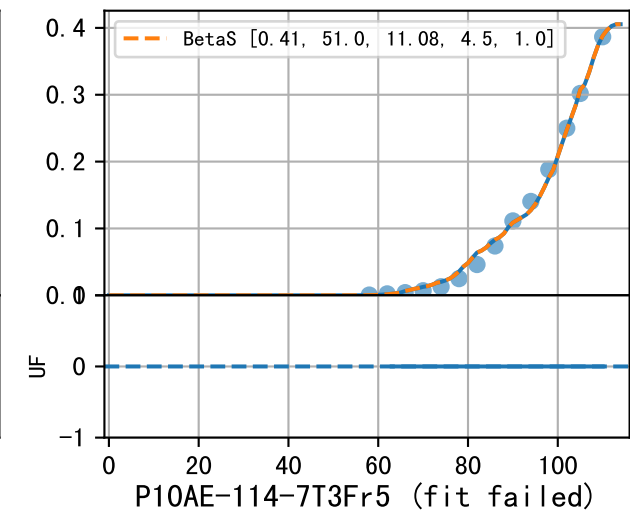
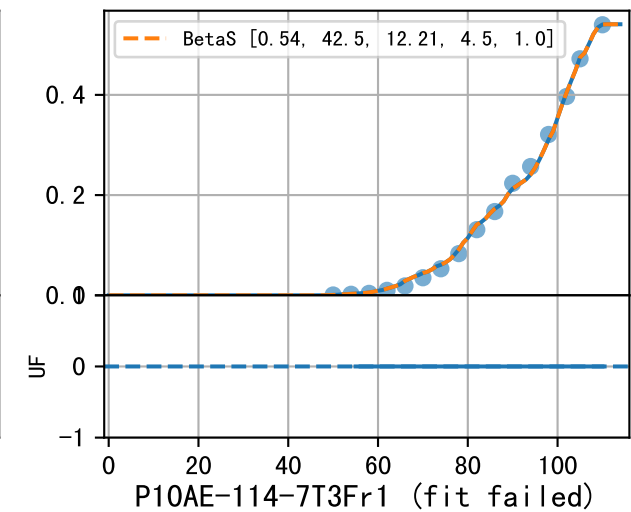
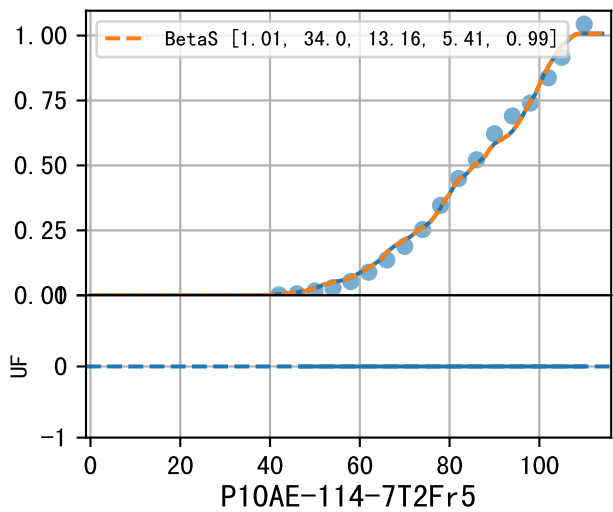
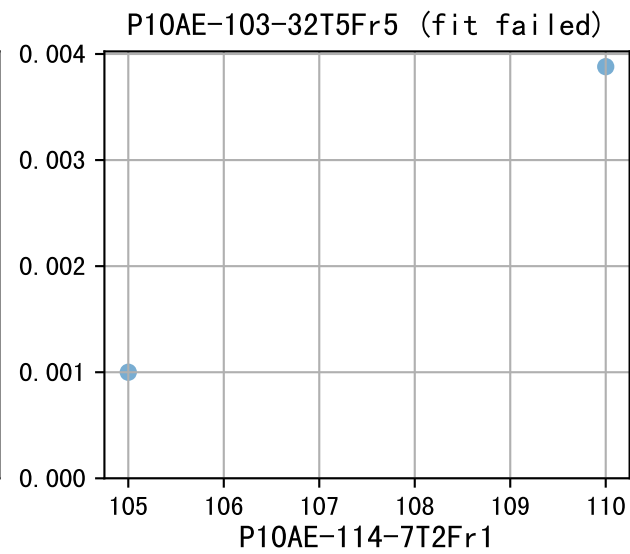
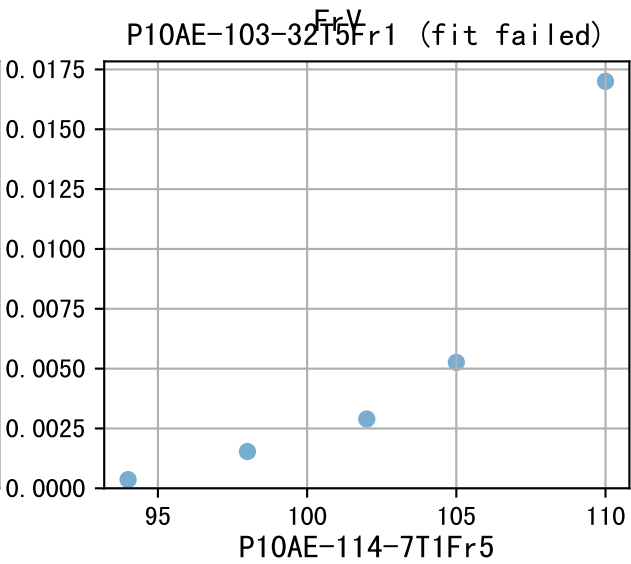
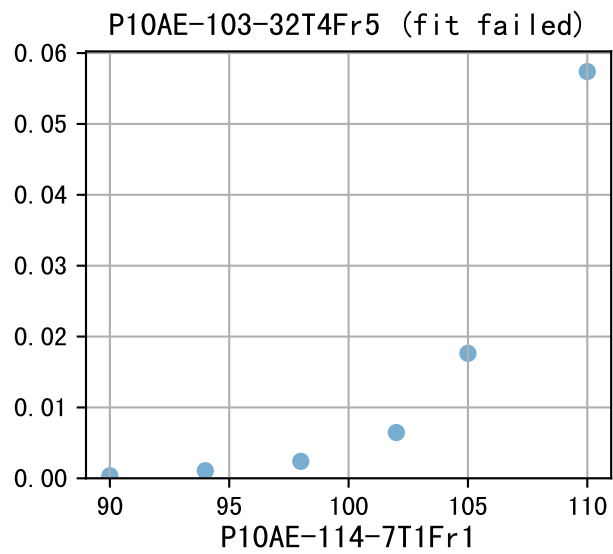




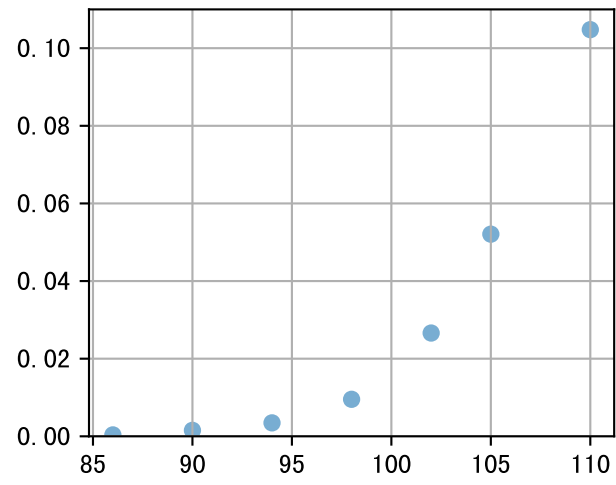




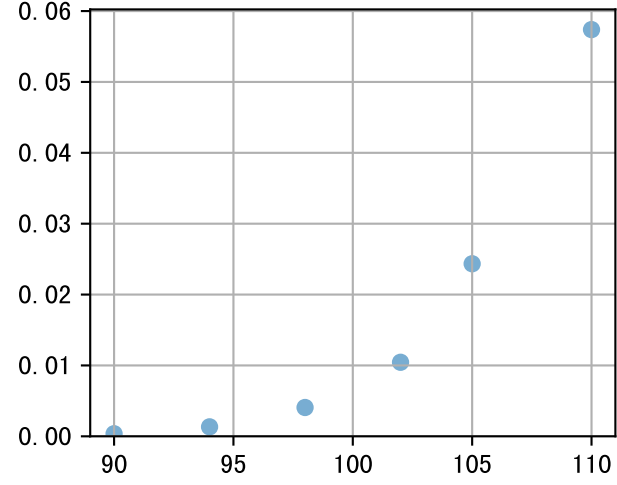


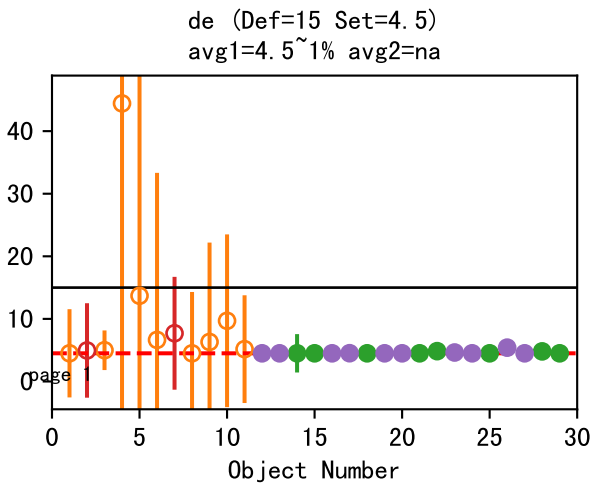
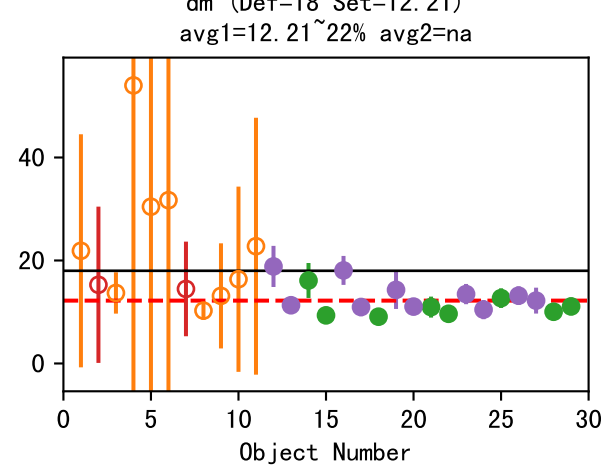
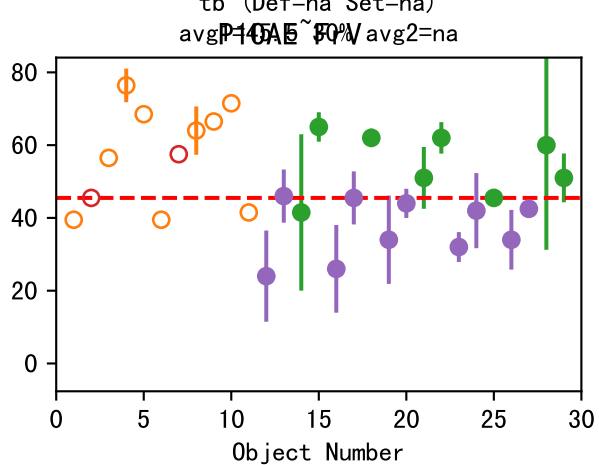
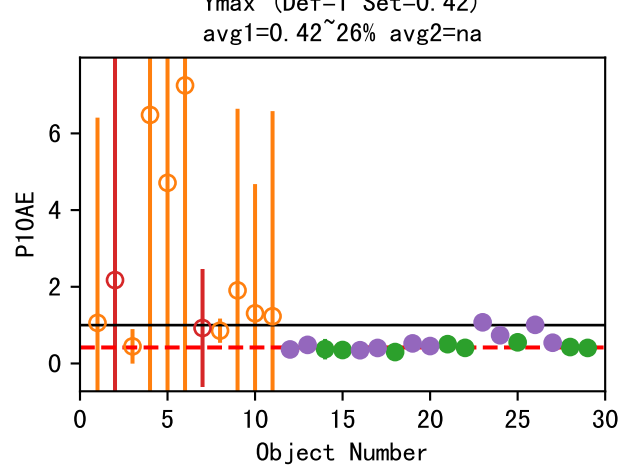


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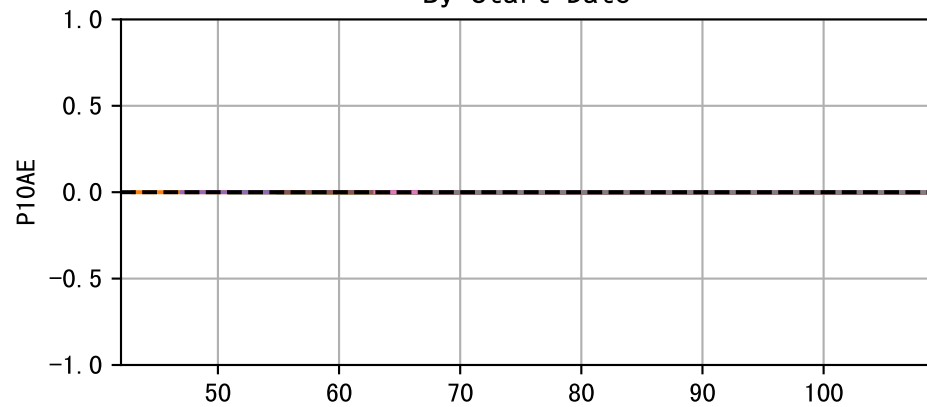


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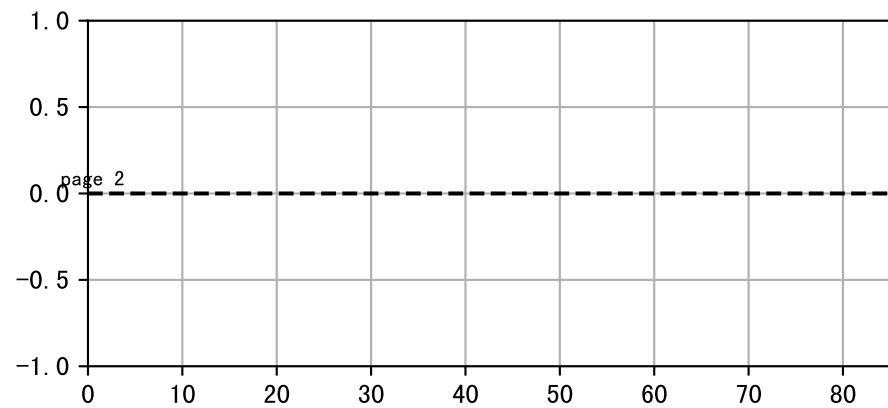
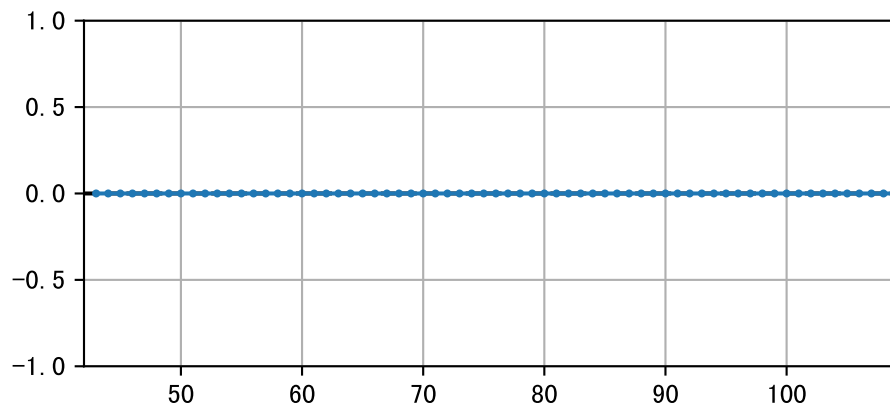
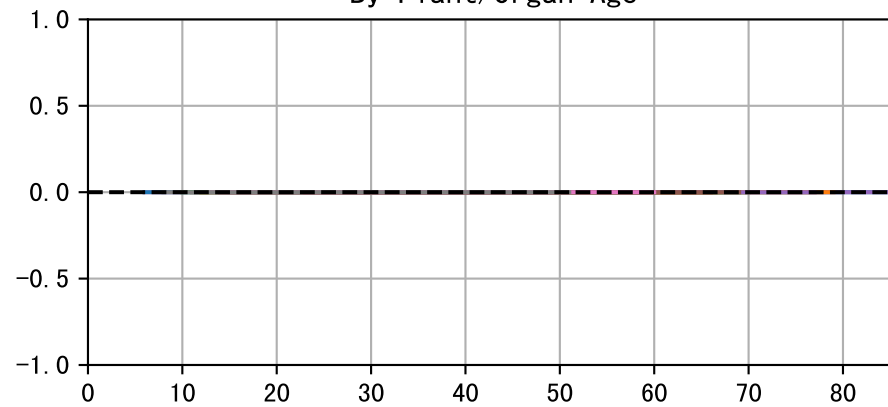


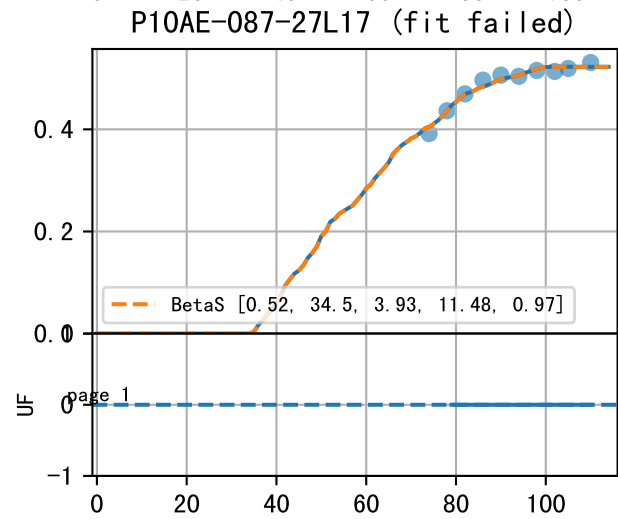
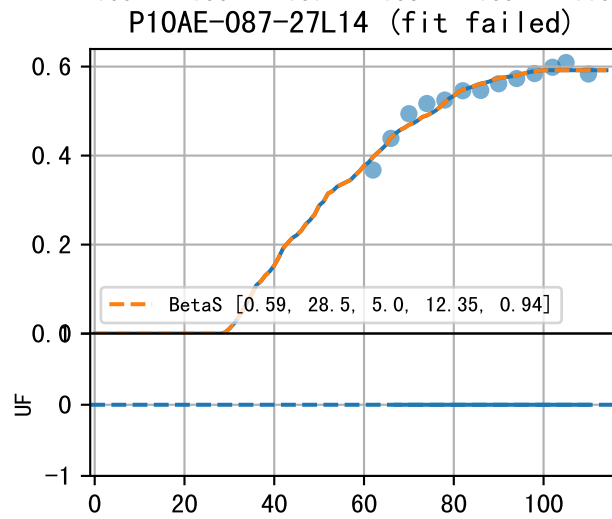
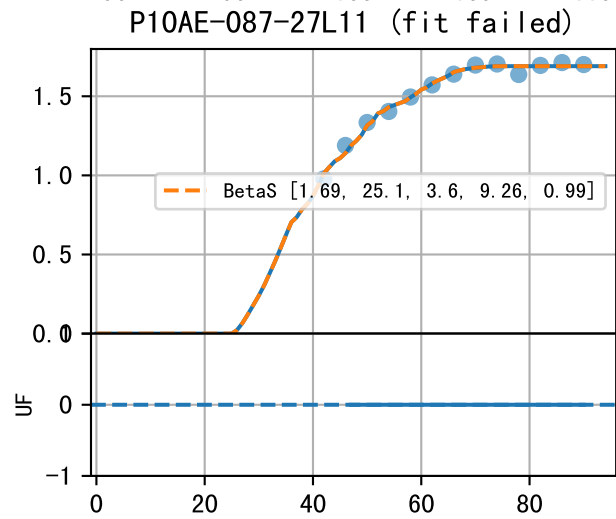
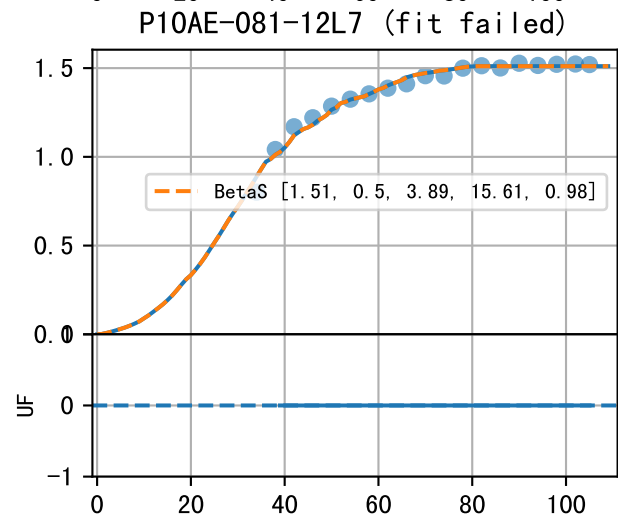
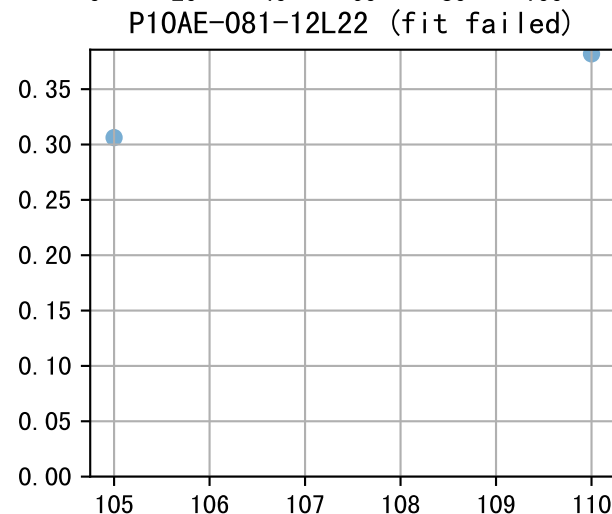
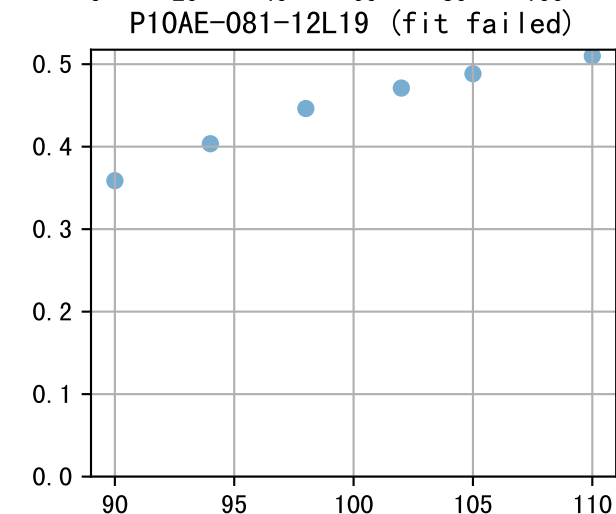
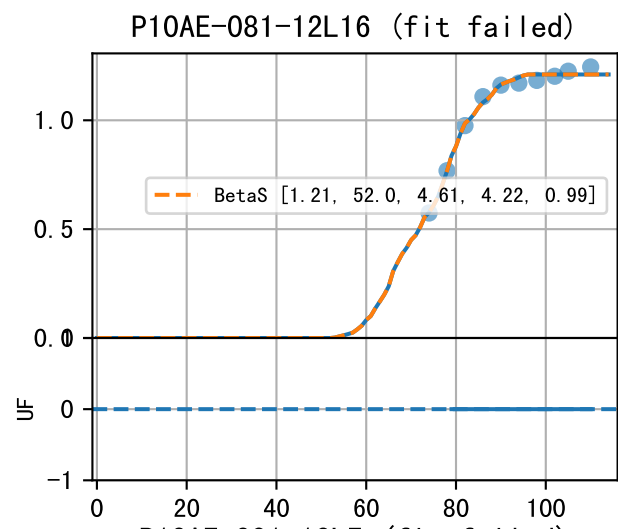
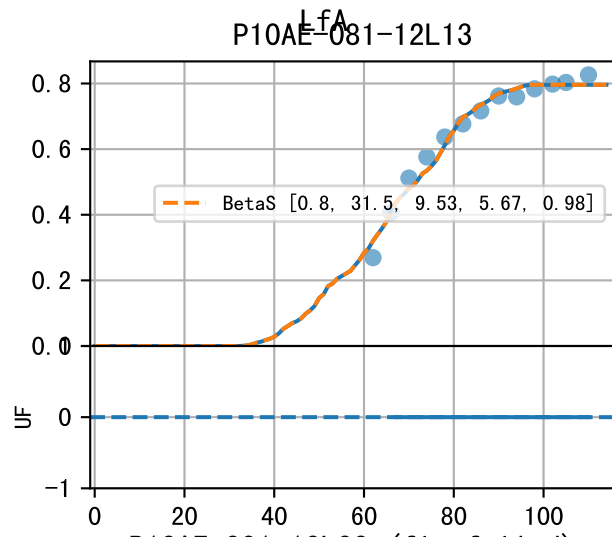
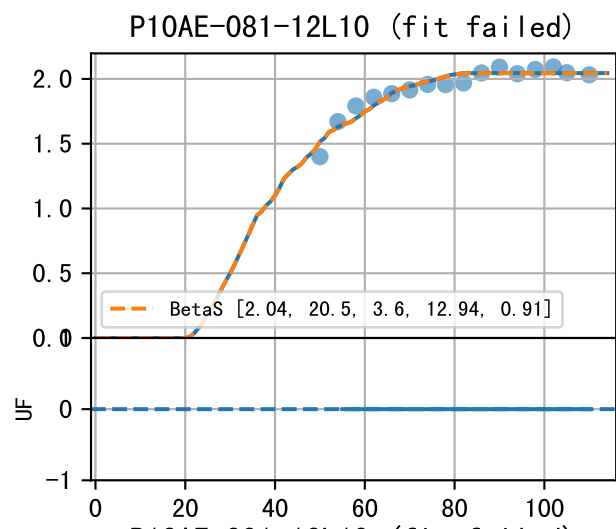


By Start Date

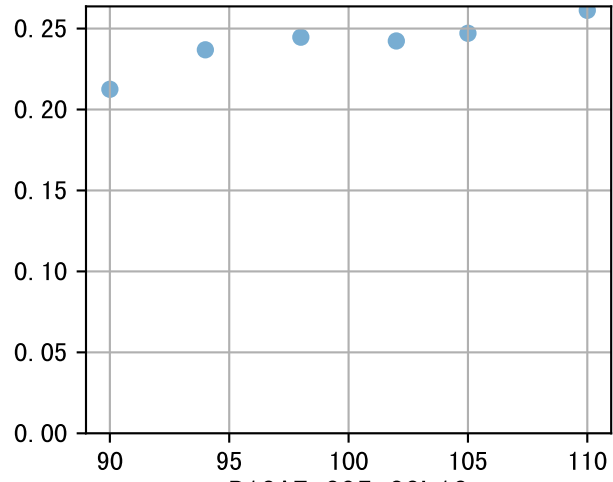


By Plant/Organ Age

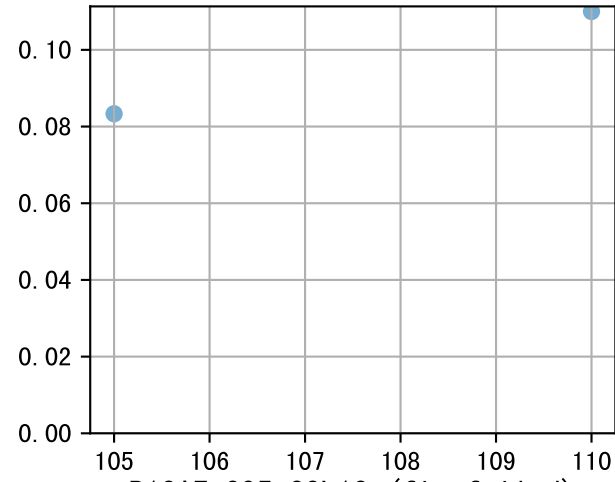




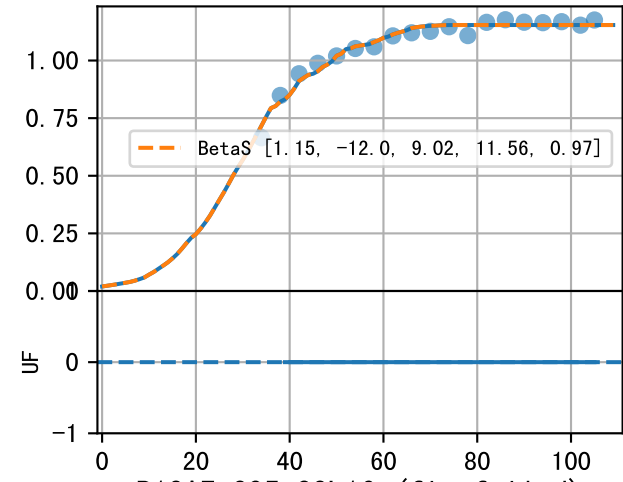
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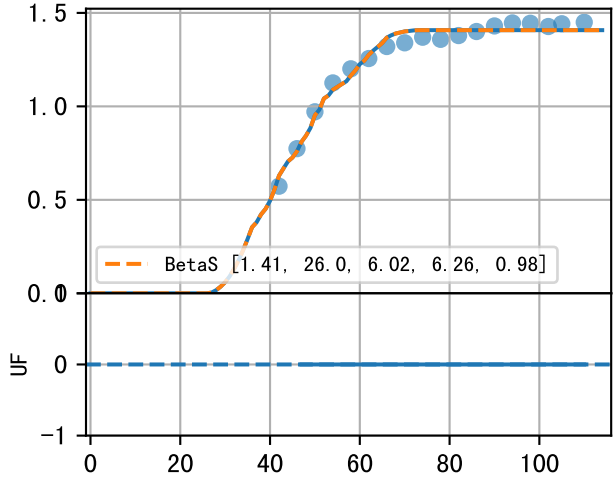
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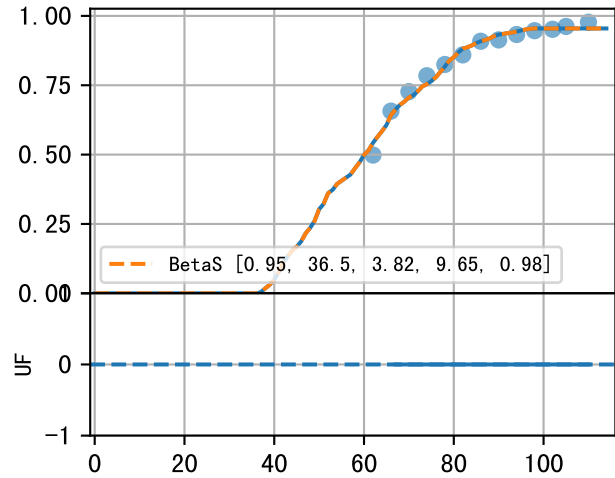
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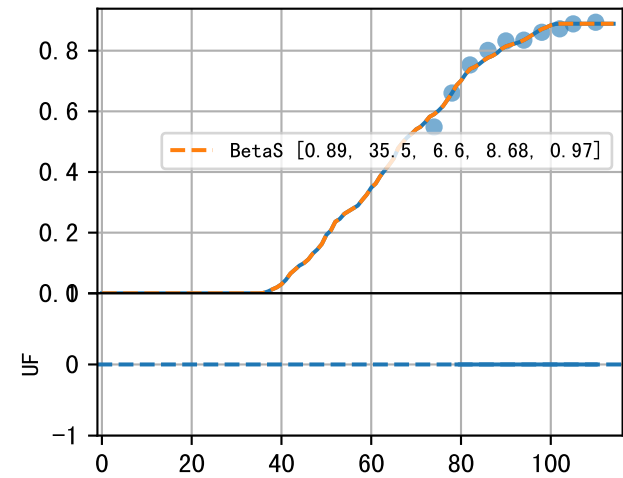
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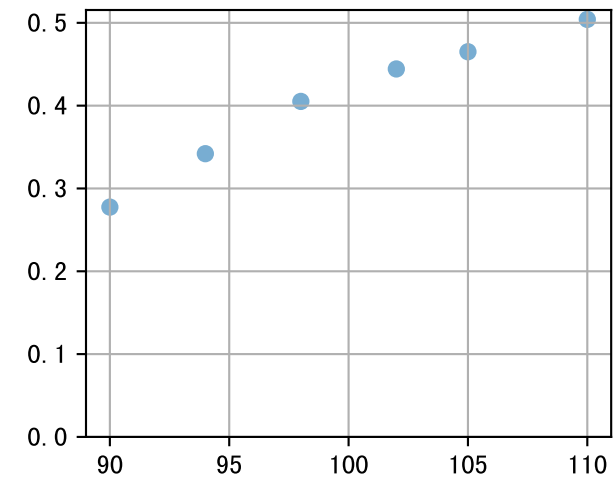
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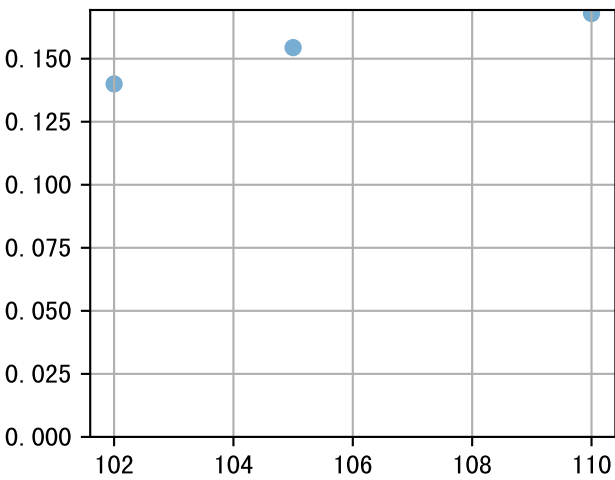
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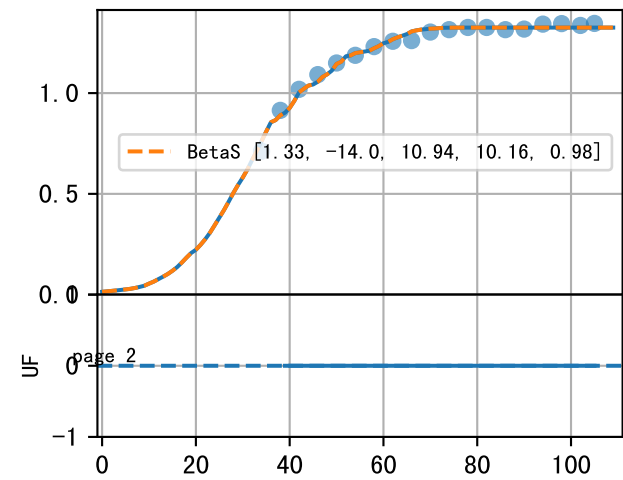
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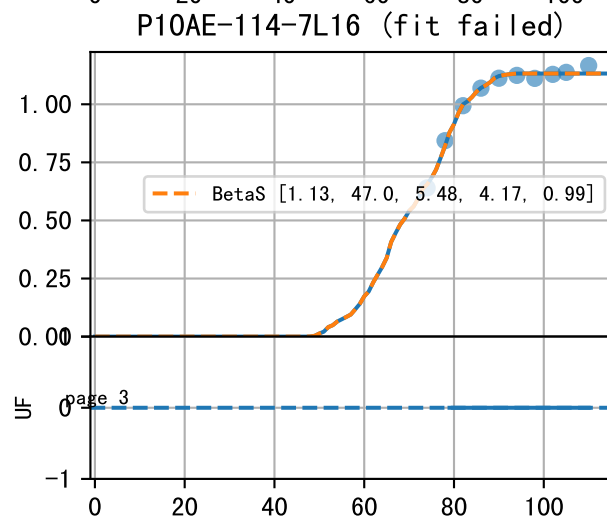
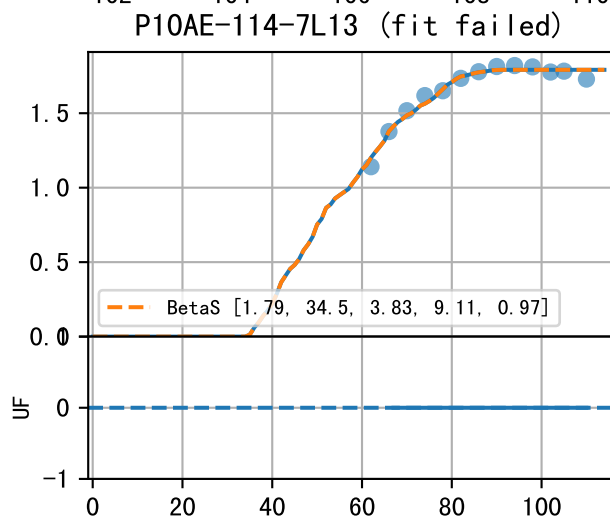
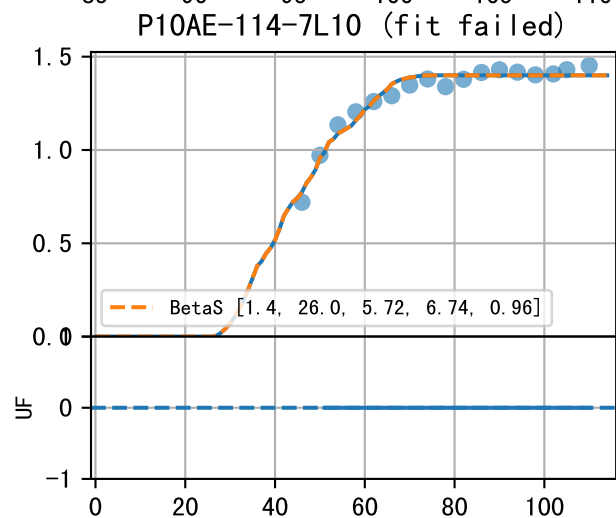
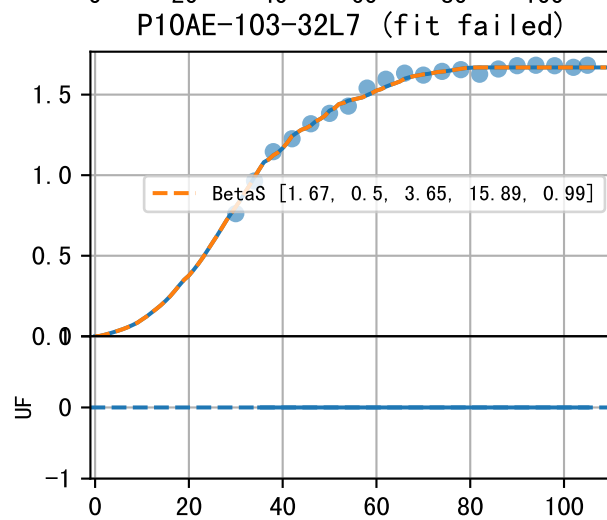
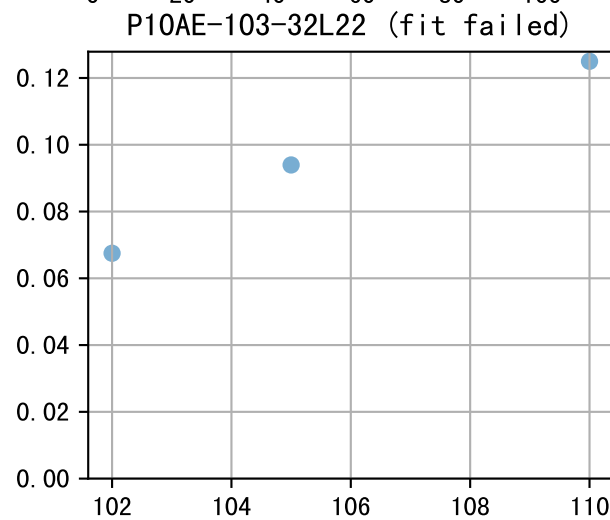
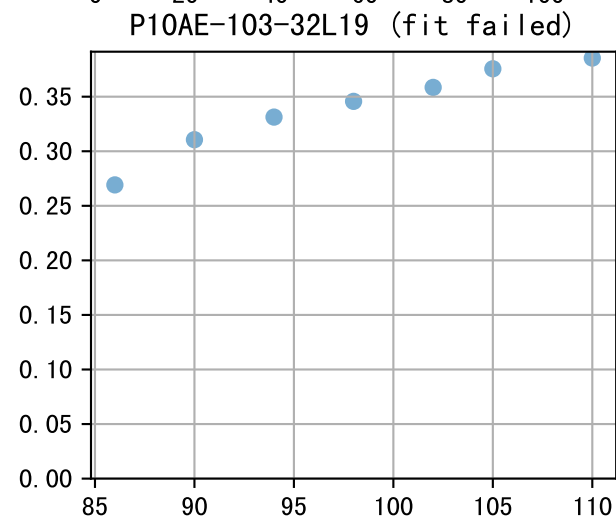
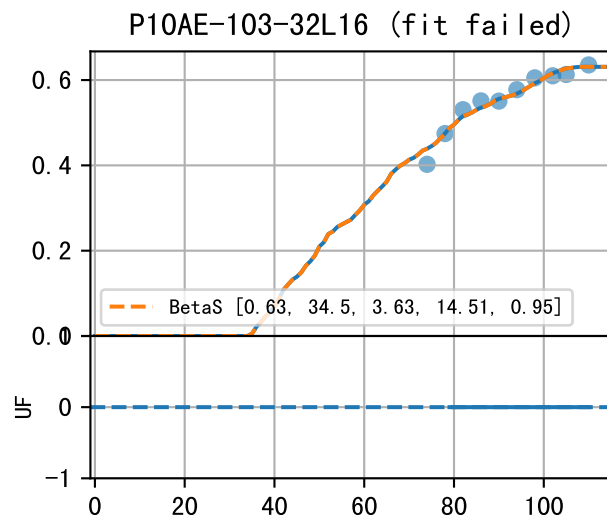
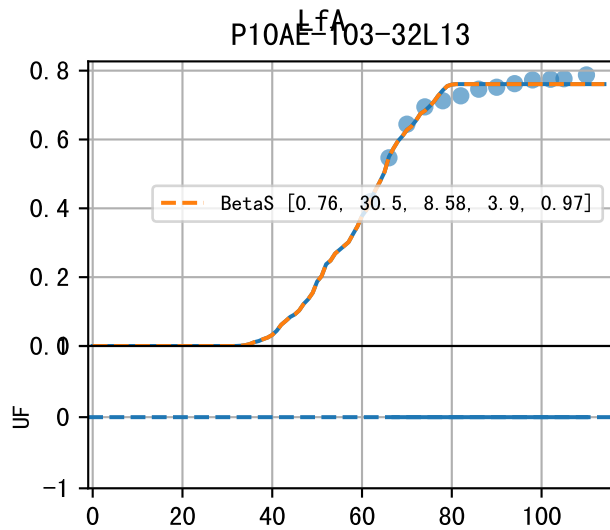
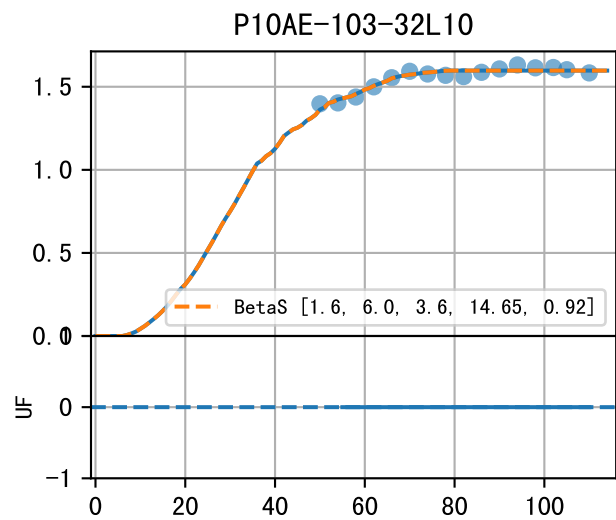


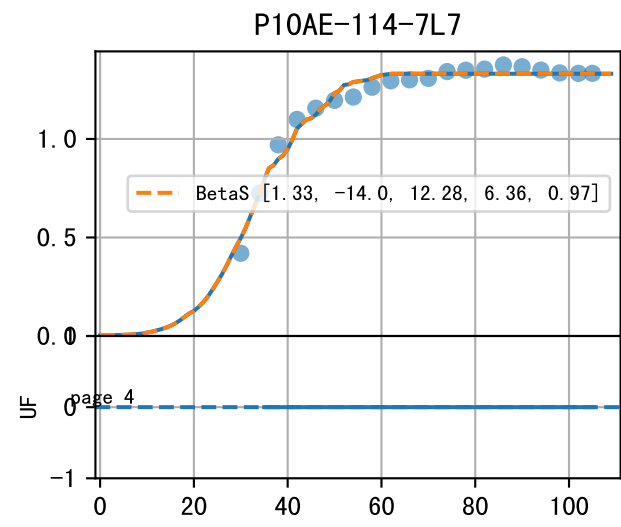
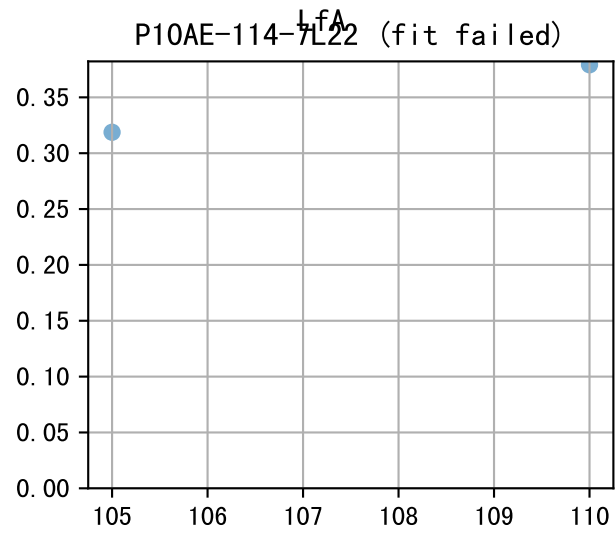
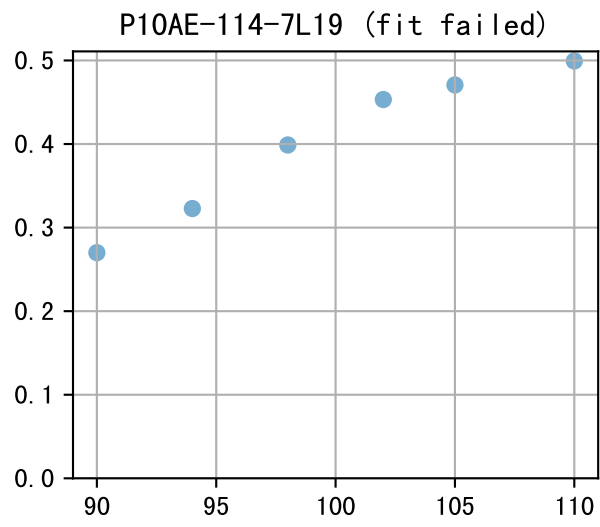
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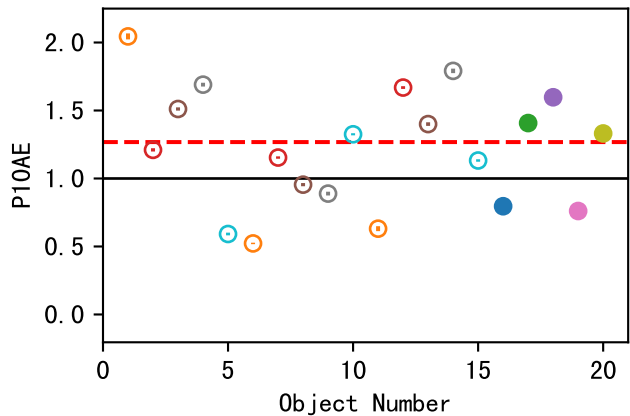
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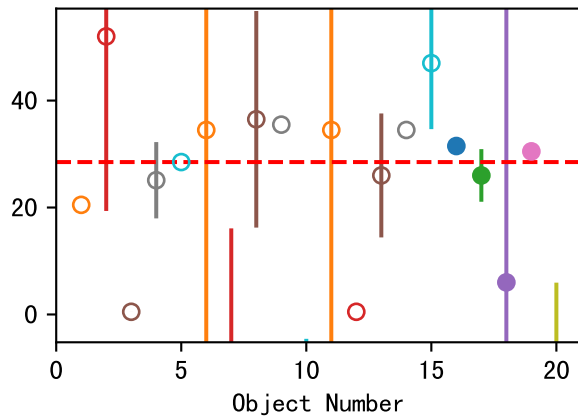




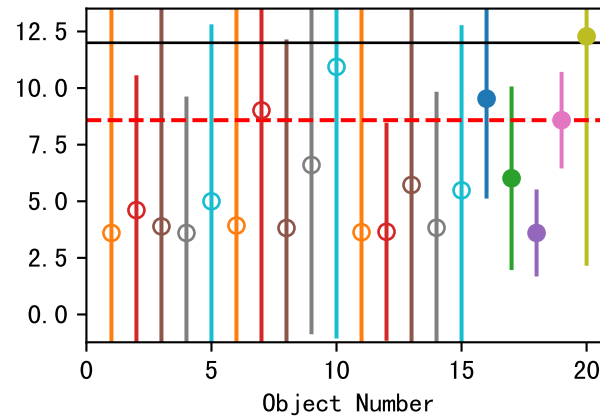
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avg1=1.27~34% avg2=na



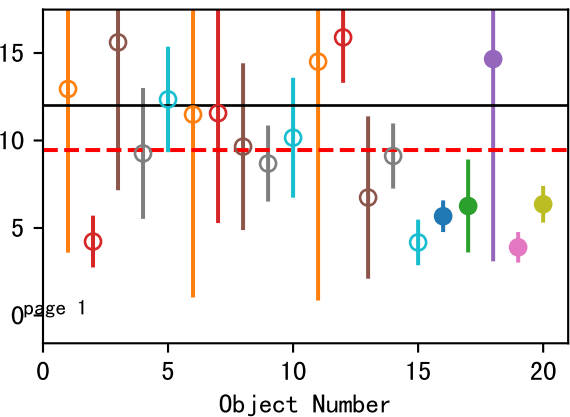
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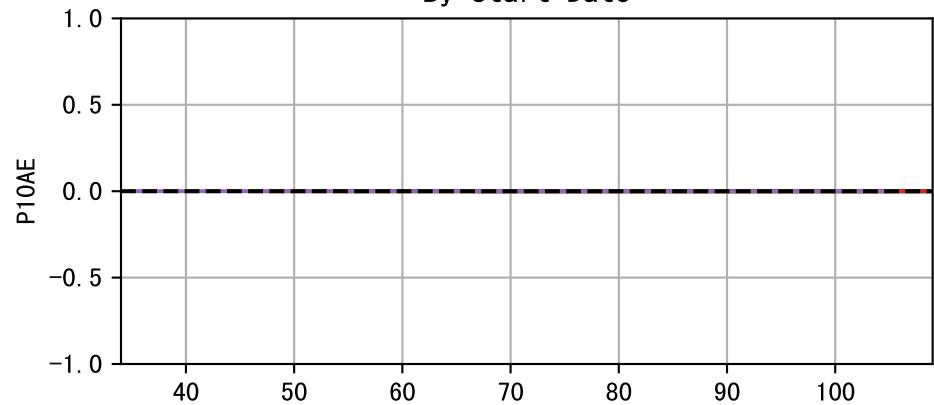
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avg1=8.58~39% avg2=na



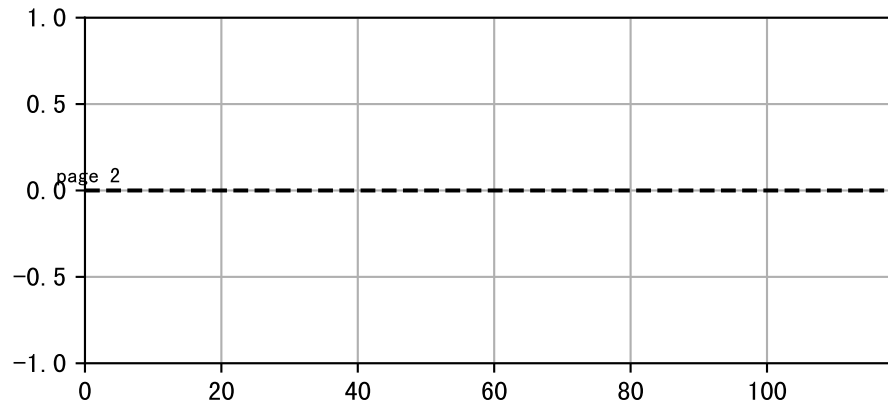
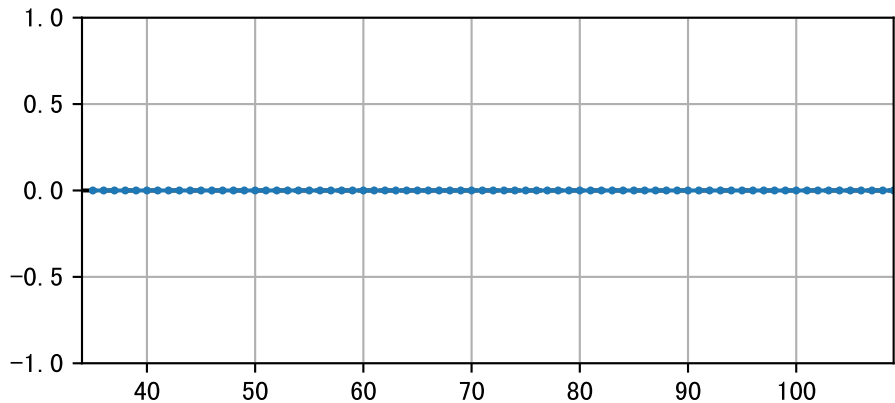
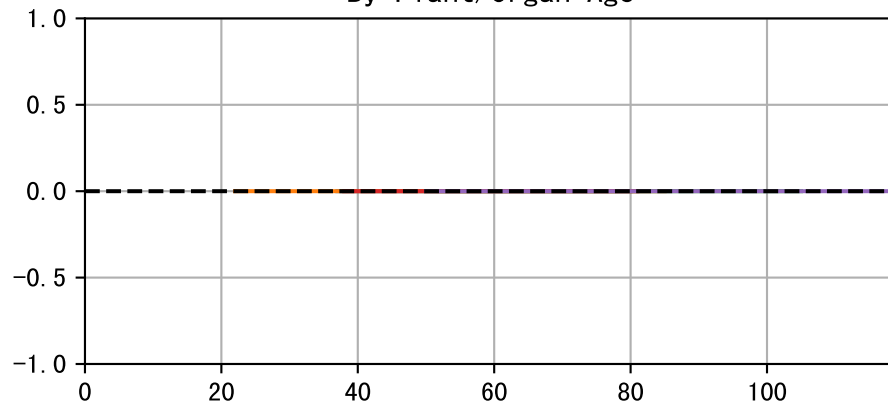
de (Def=12 Set=9.45)
avg1=9.45~41% avg2=na

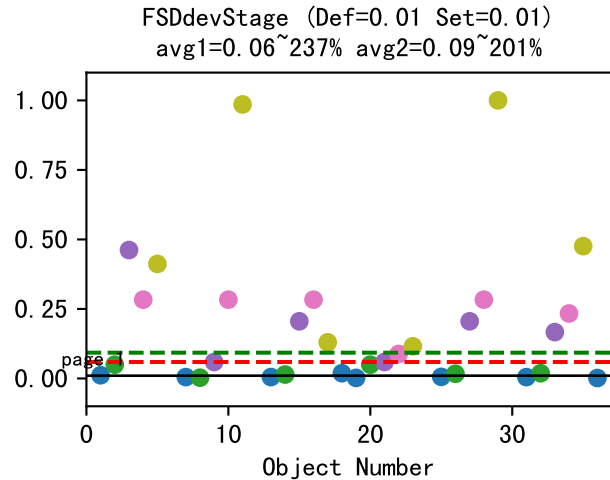
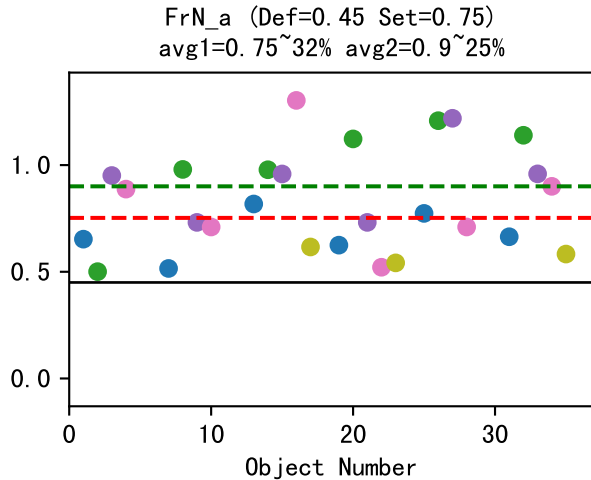
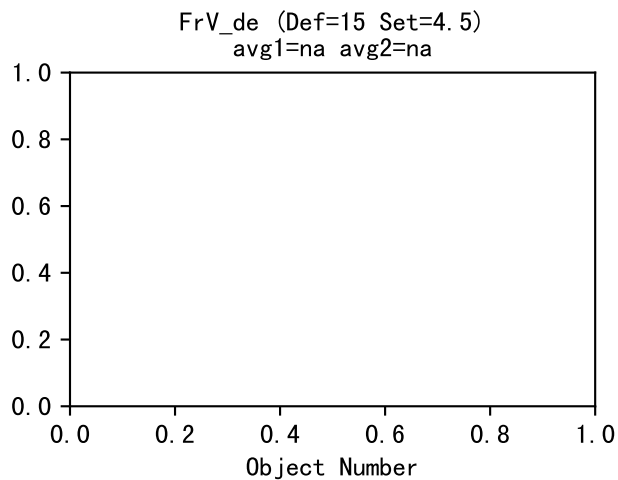
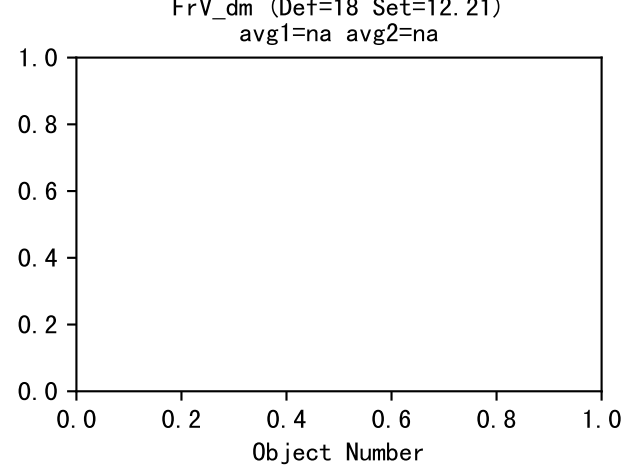
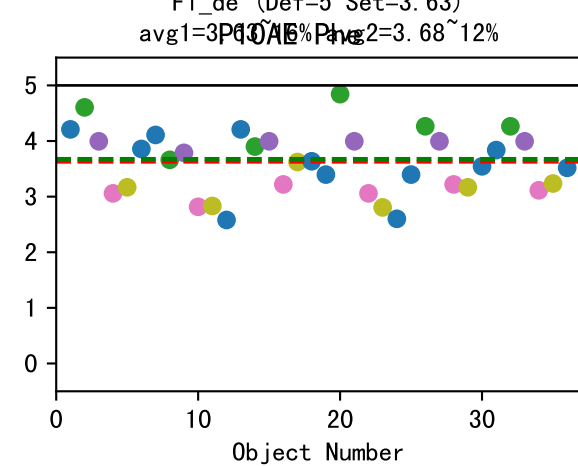
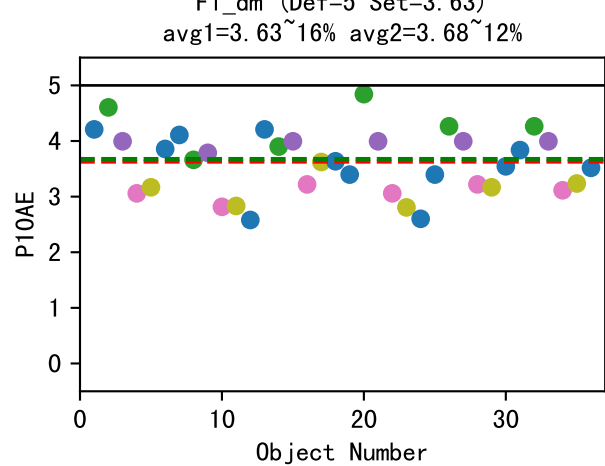


By Start Date

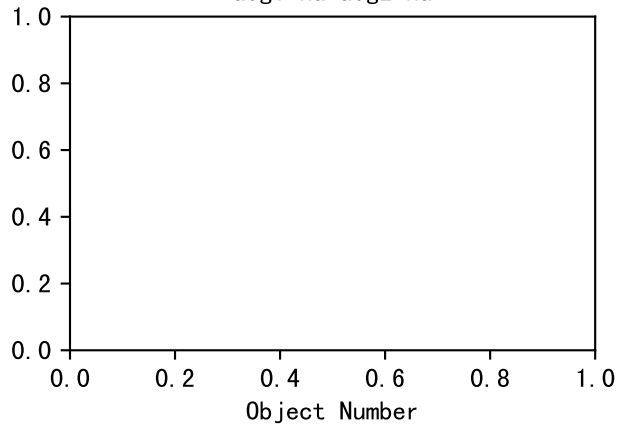


By Plant/Organ Age

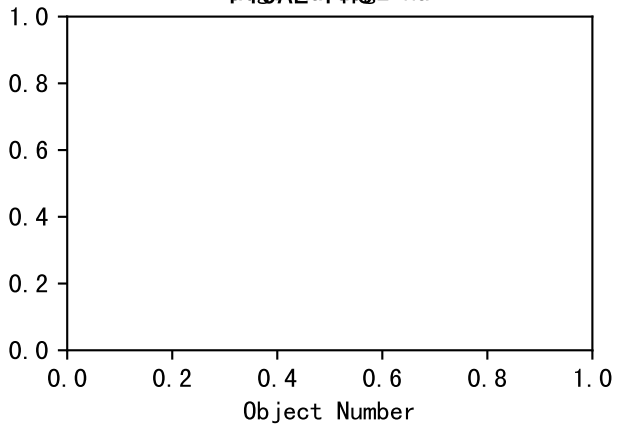




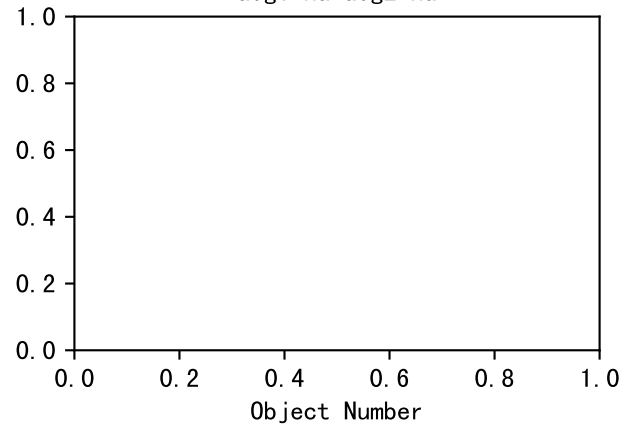
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



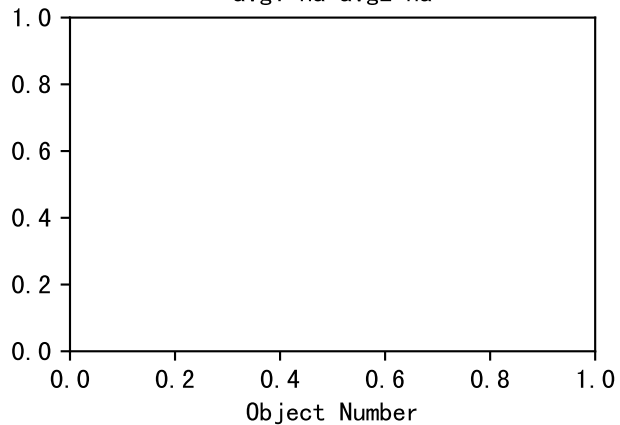
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



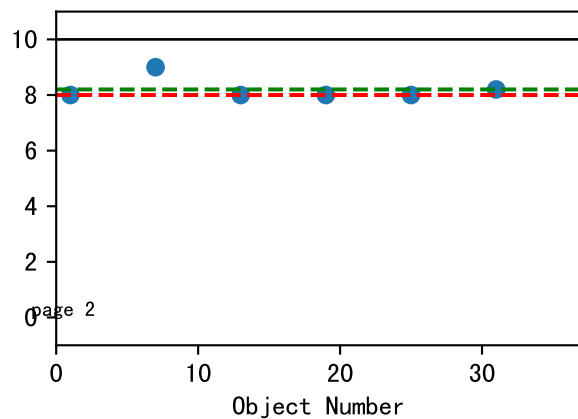
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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



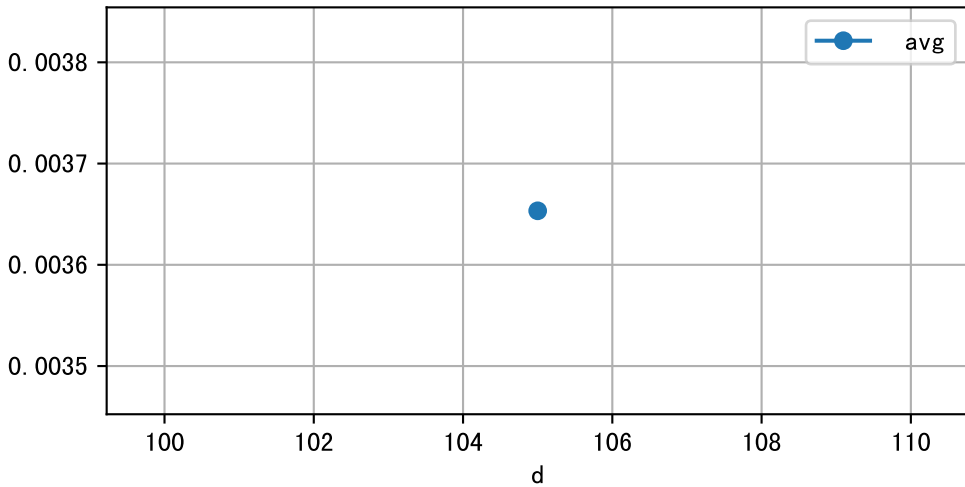
NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=8.2



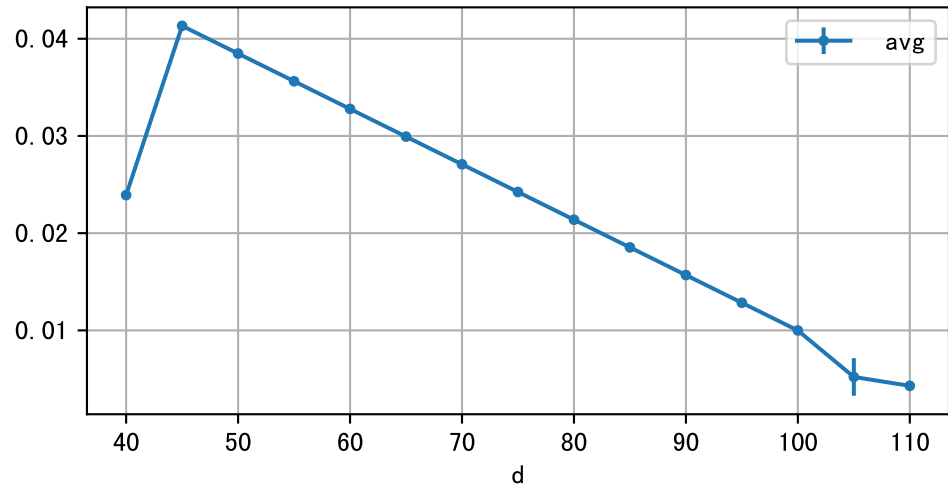
LfA: avg vs. d at each age group

page 1

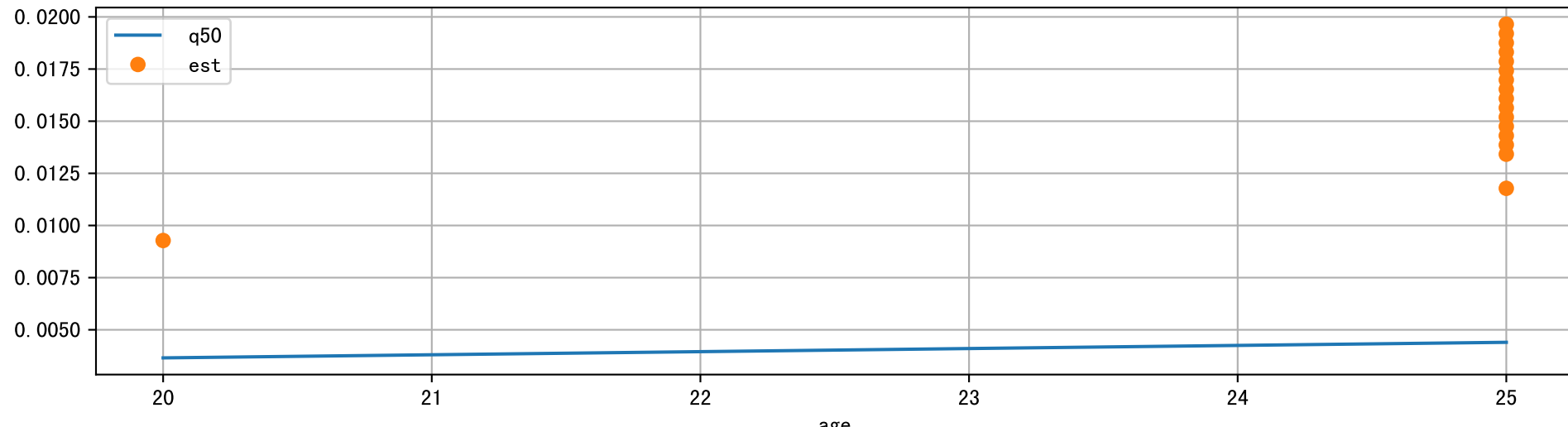
age=20



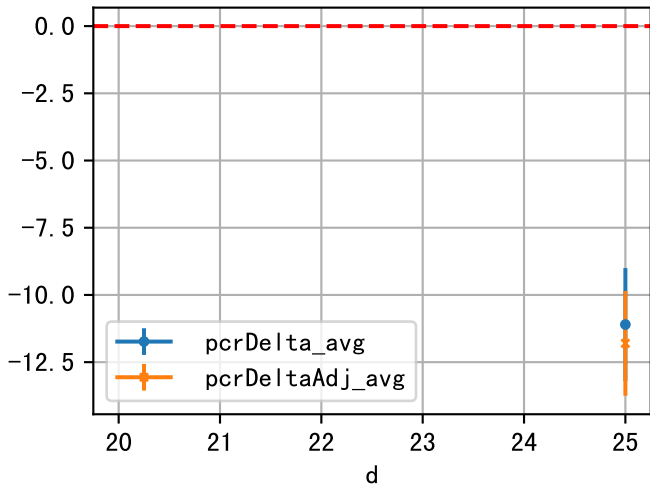
age=25



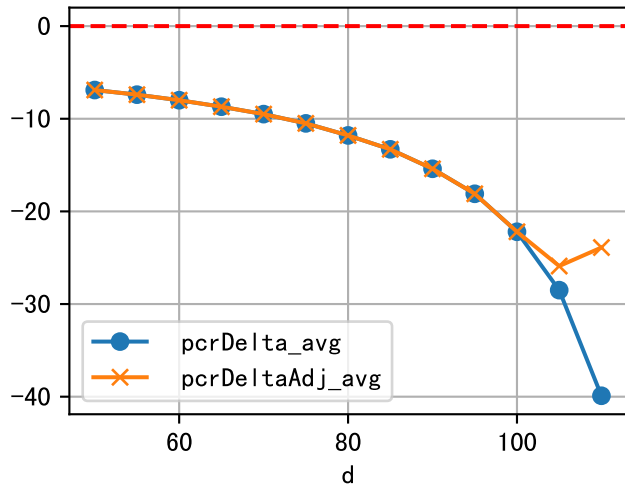
LfA: model est vs obs0v@Q50



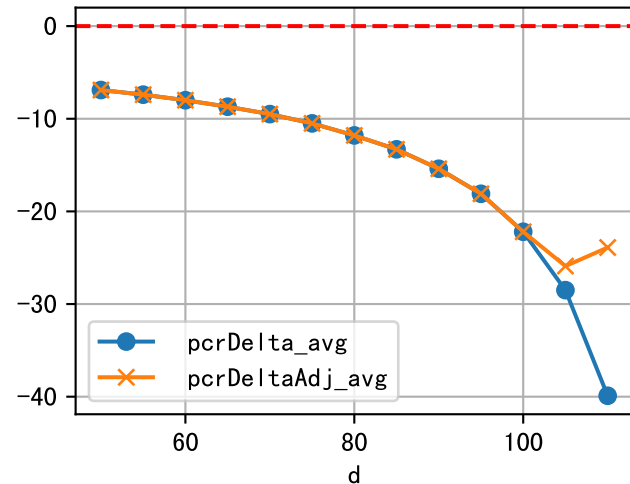
DeltaTypeAbbr=GrpByAge



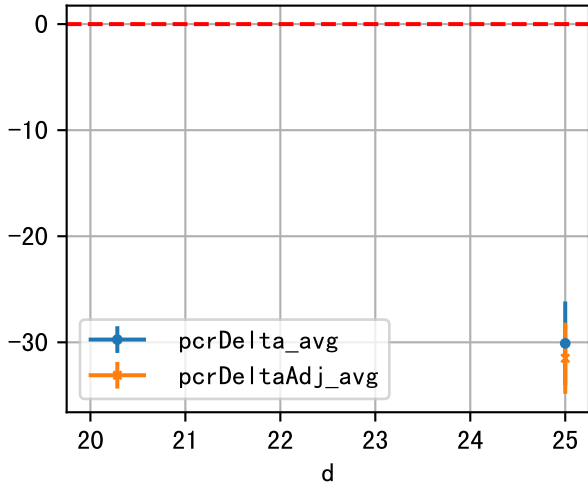
DeltaTypeAbbr=GrpByDay



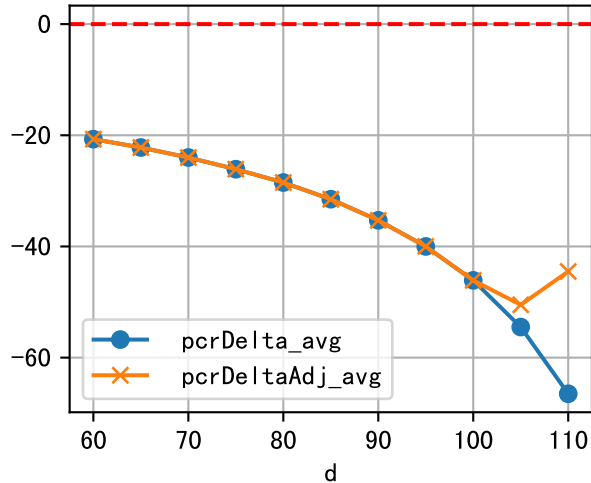
DeltaTypeAbbr=Wei AvgByD



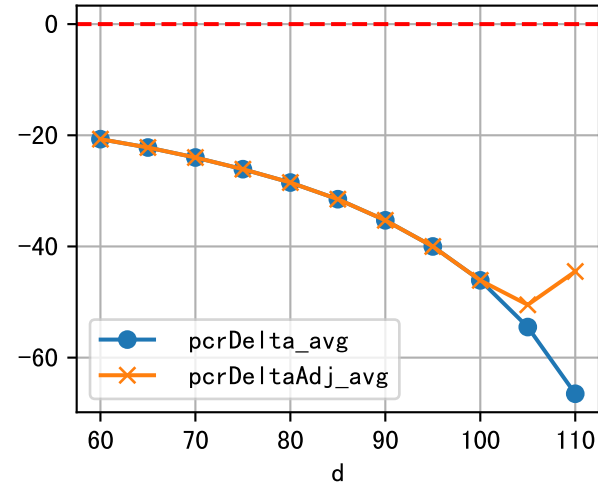
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DeltaTypeAbbr=GrpByDay

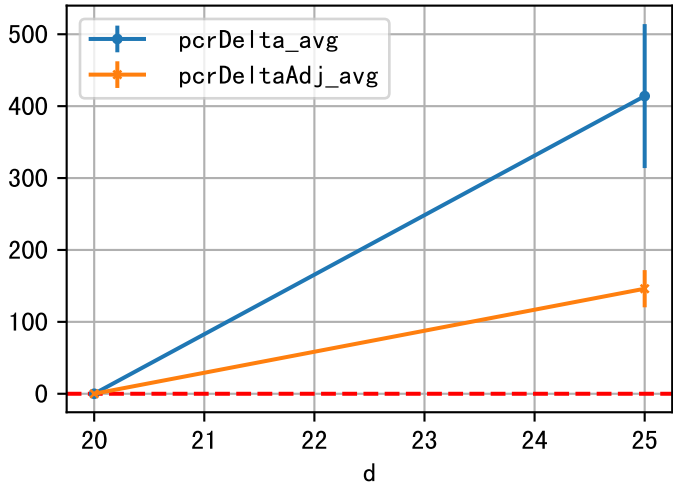


DeltaTypeAbbr=WeiAvgByD

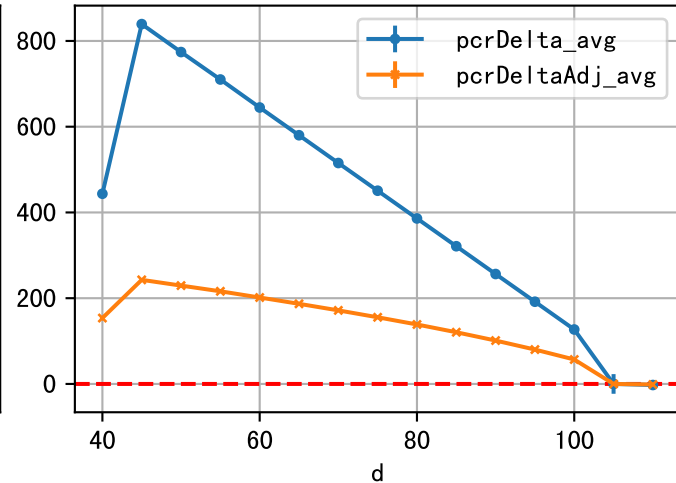


P10AE LfA: D_Q50_LfA

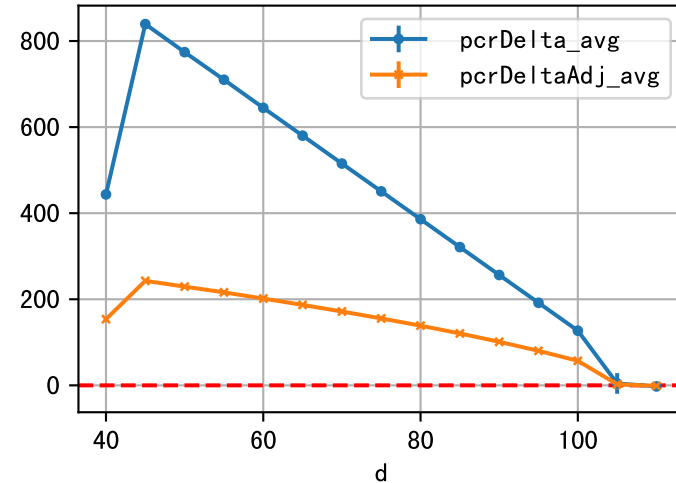
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DeltaTypeAbbr=GrpByDay

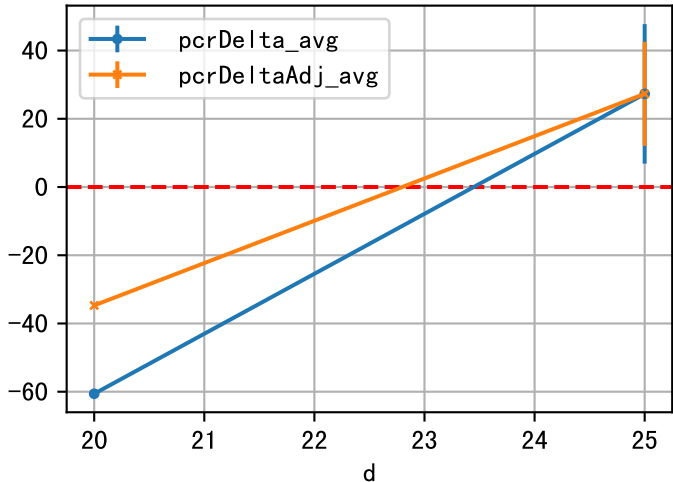


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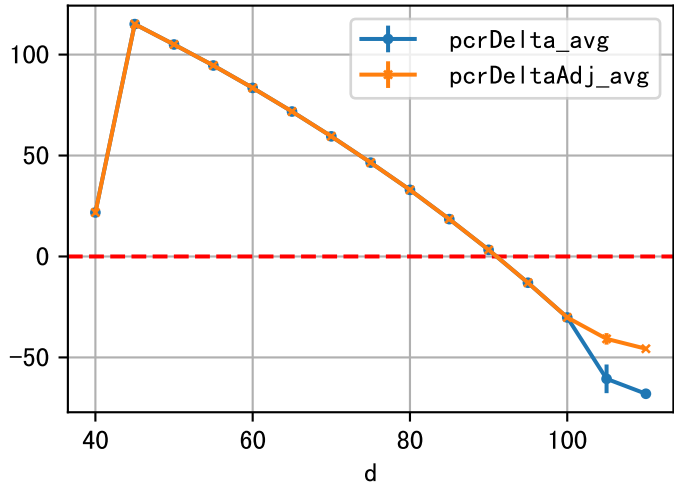


P10AE LfA: D_Est_LfA

DeltaTypeAbbr=GrpByAge

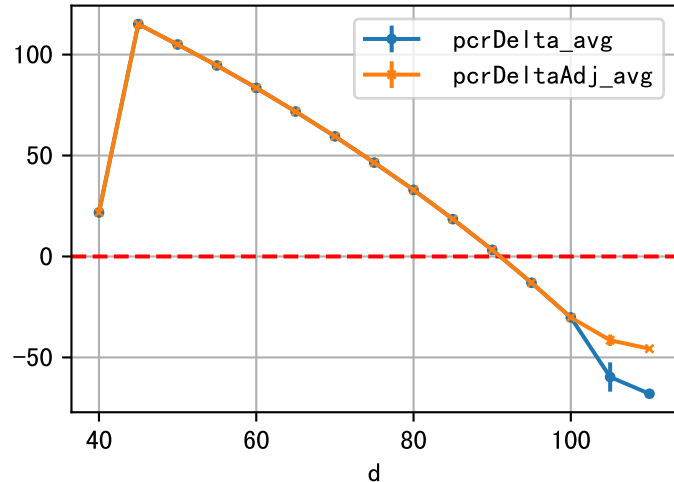


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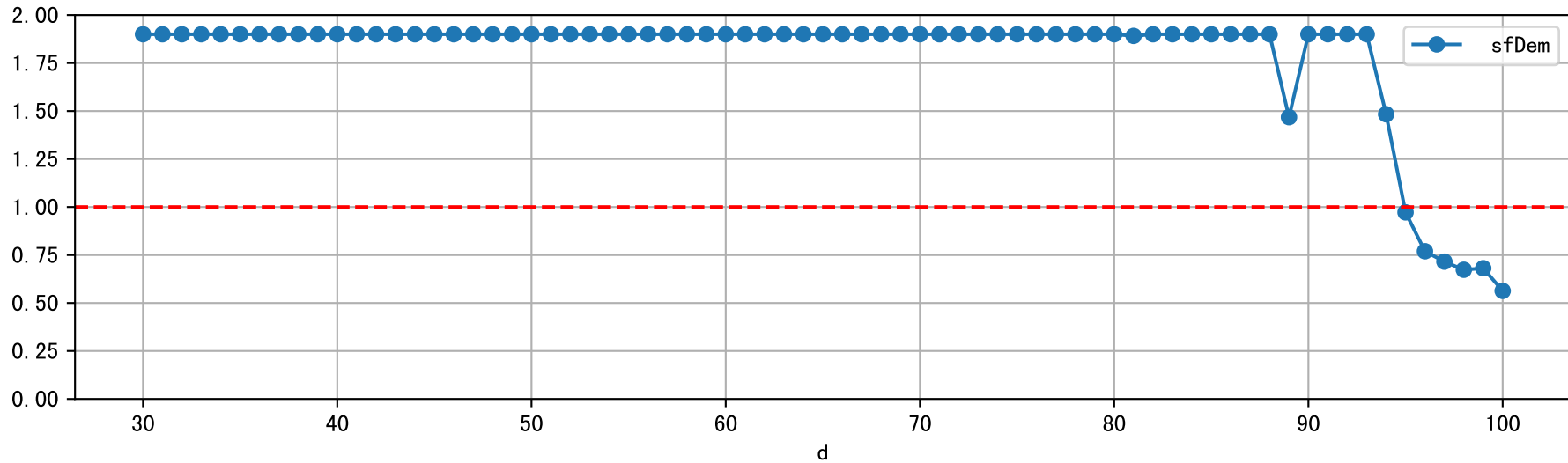


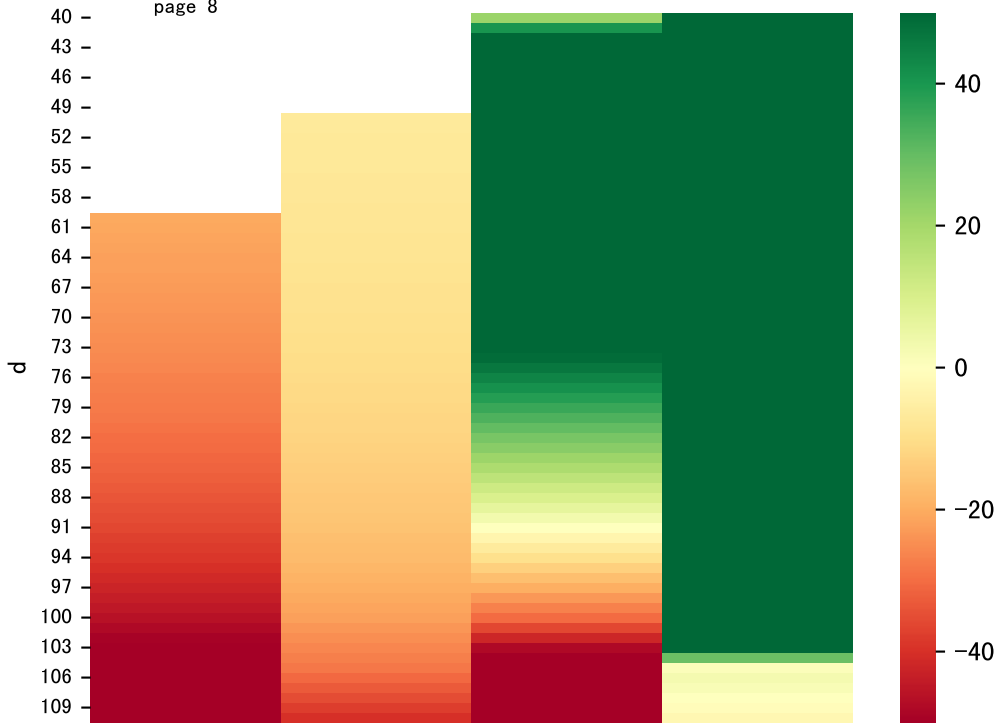
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DeltaTypeAbbr=Wei AvgByD



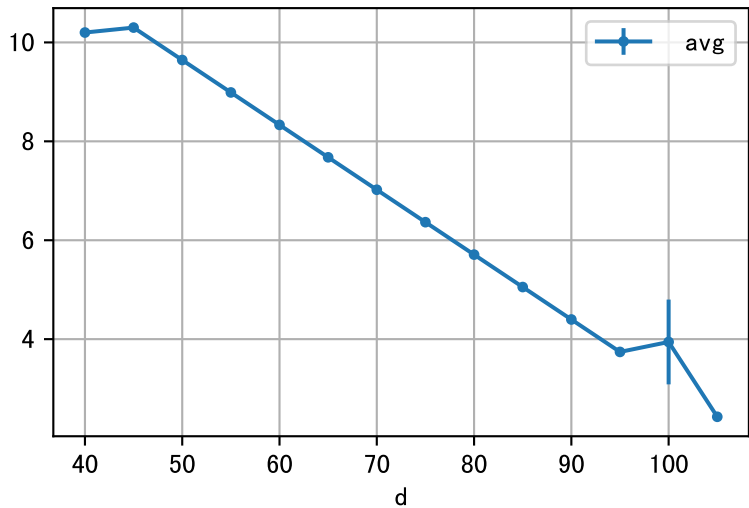
LfA: sfDem



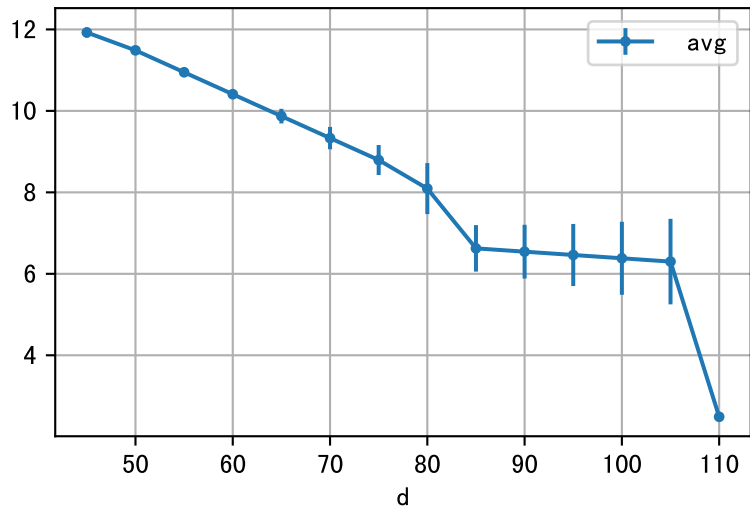


NdD: avg vs. d at each age group

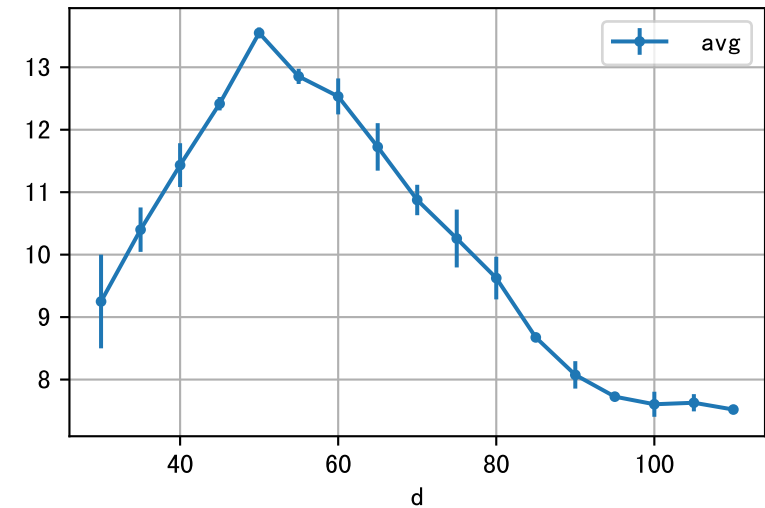
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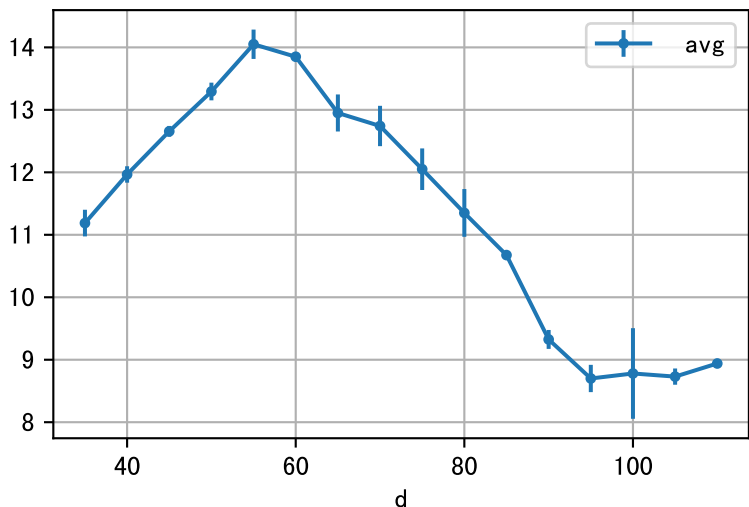
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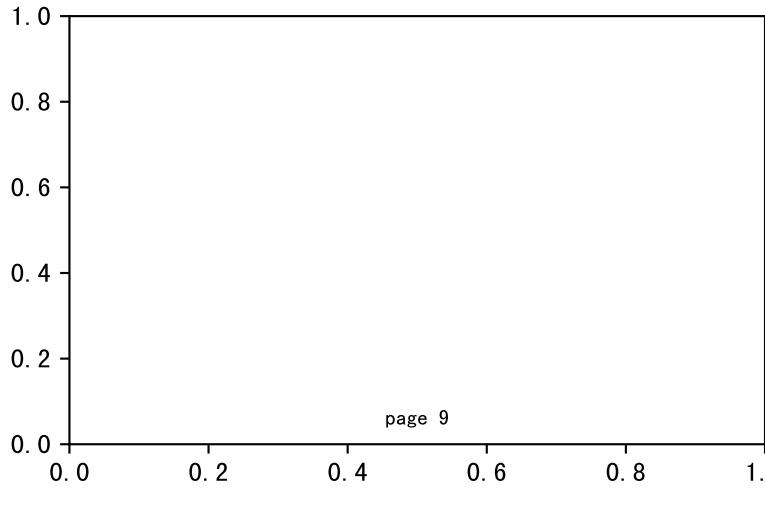
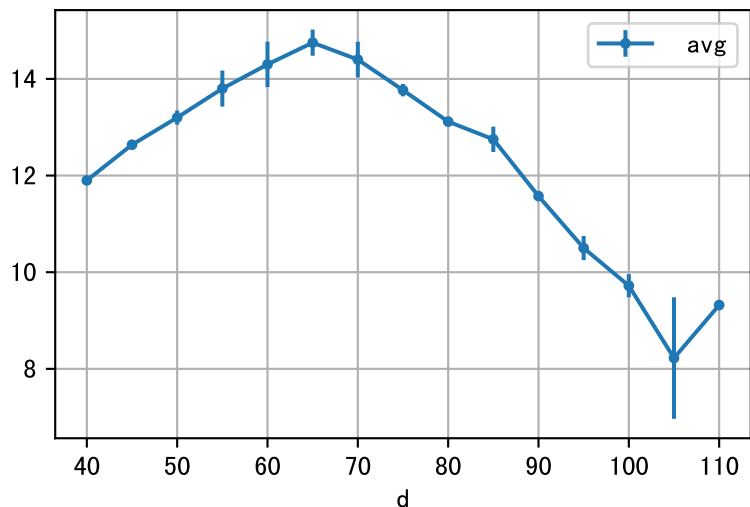
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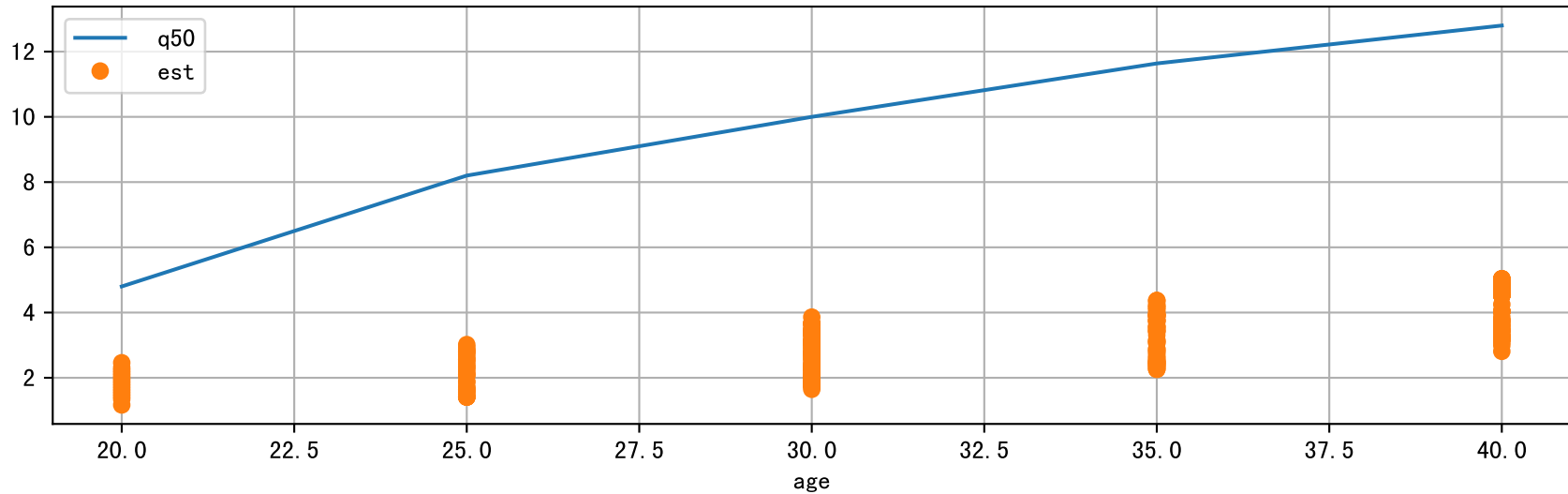
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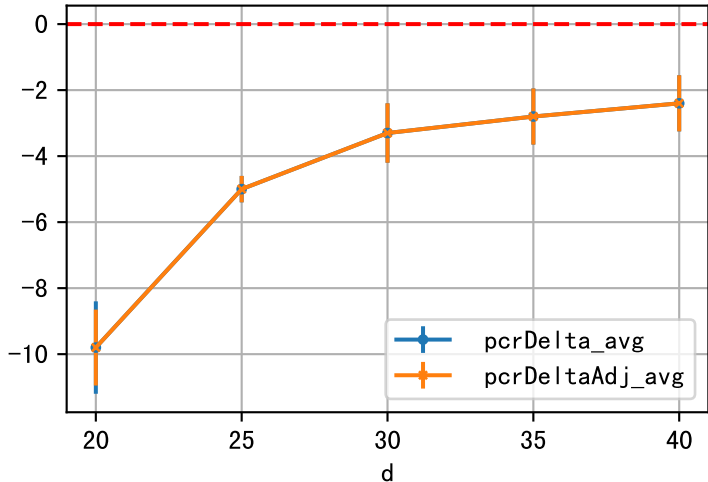
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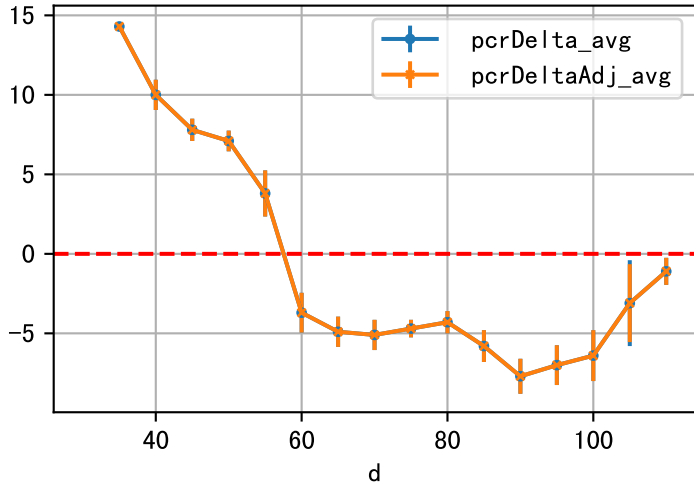
NdD: model est vs obs0v@Q50



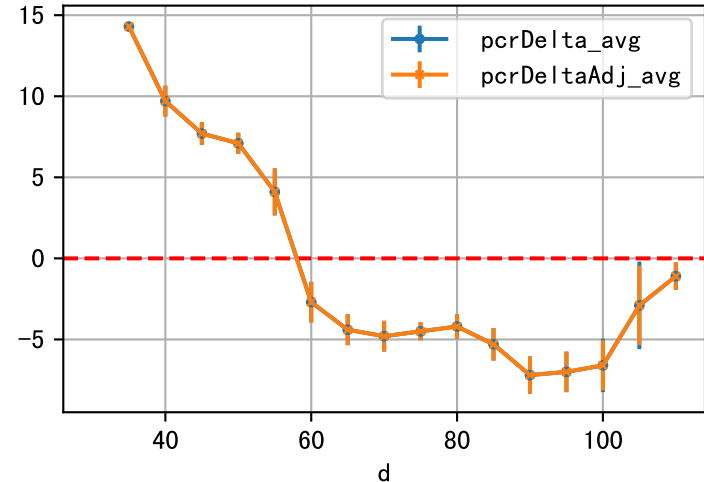
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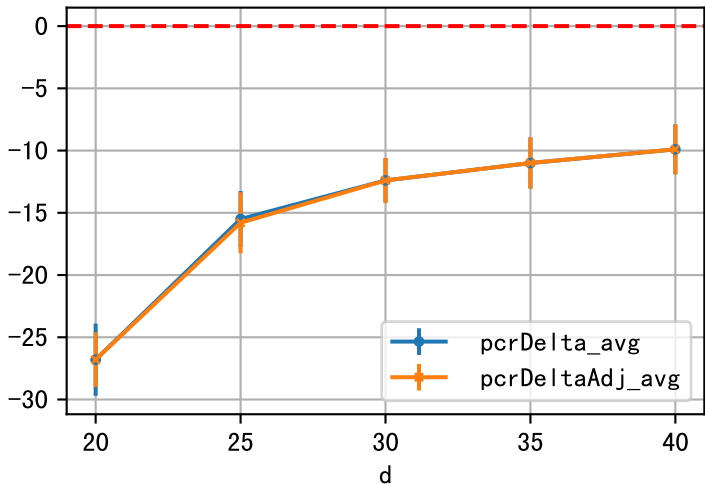
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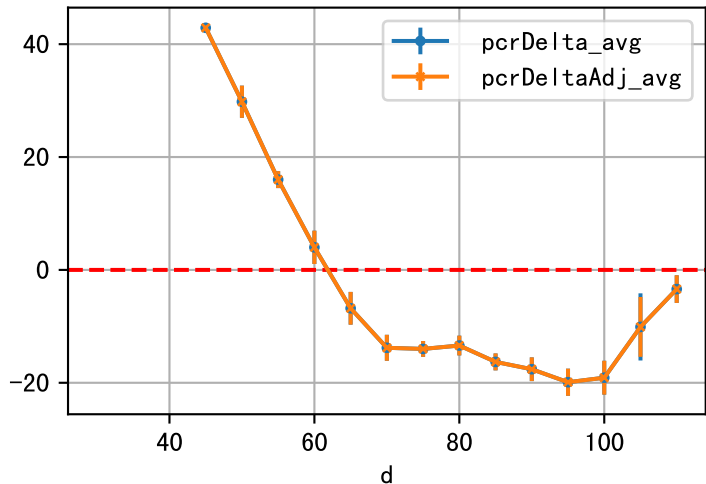
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

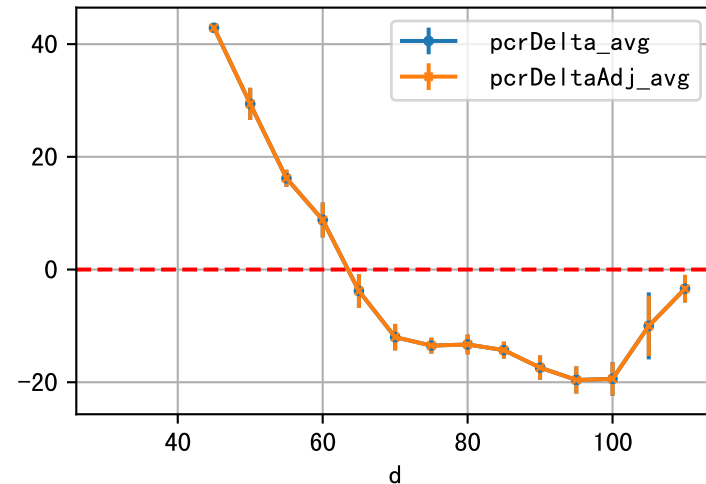


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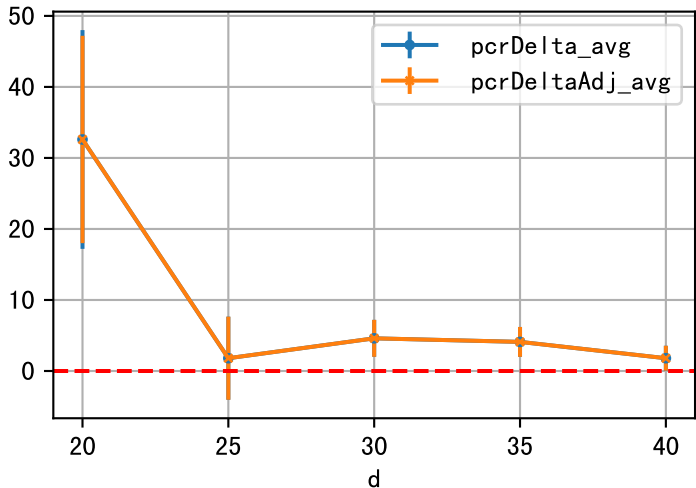


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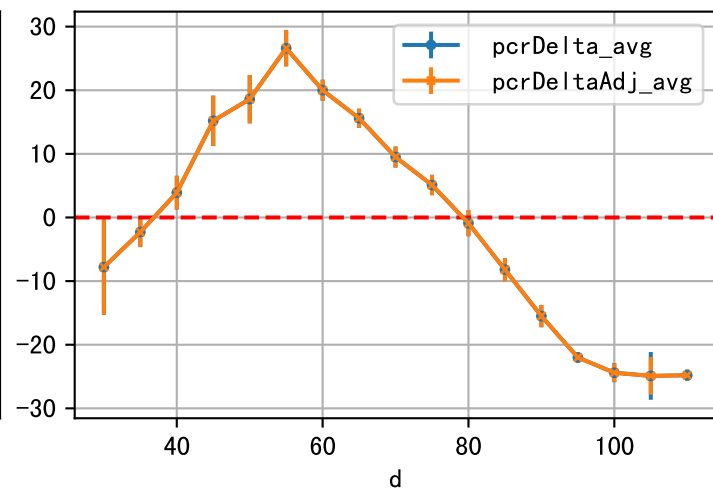
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DeltaTypeAbbr=GrpByAge

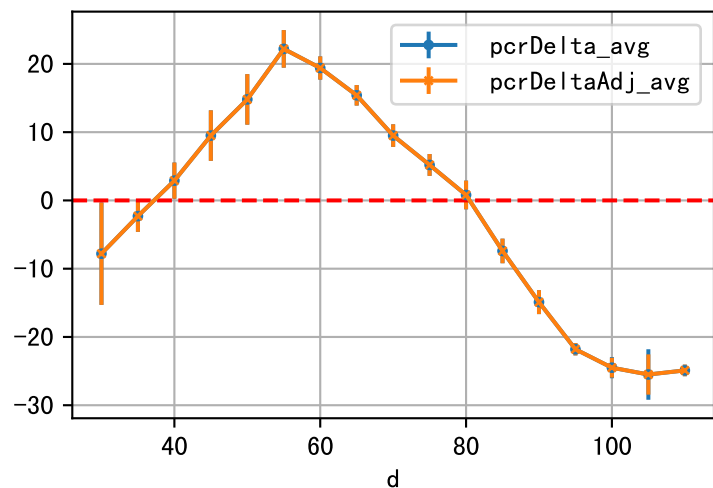


DeltaTypeAbbr=GrpByDay



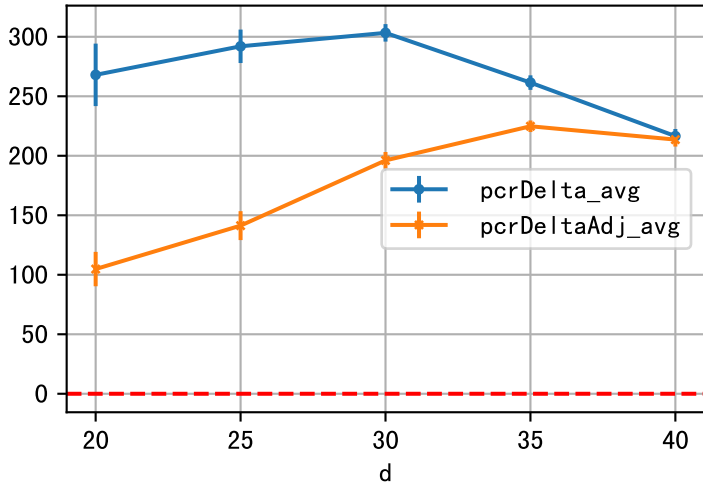
page 13

DeltaTypeAbbr=Wei AvgByD

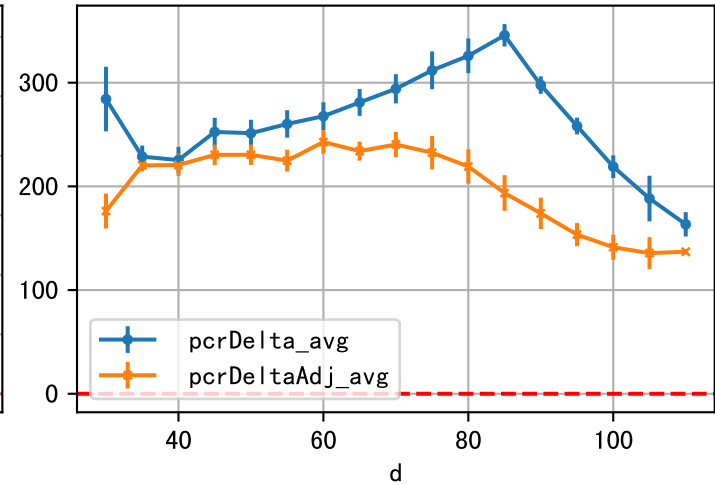


P10AE NdD: D_Est_NdD

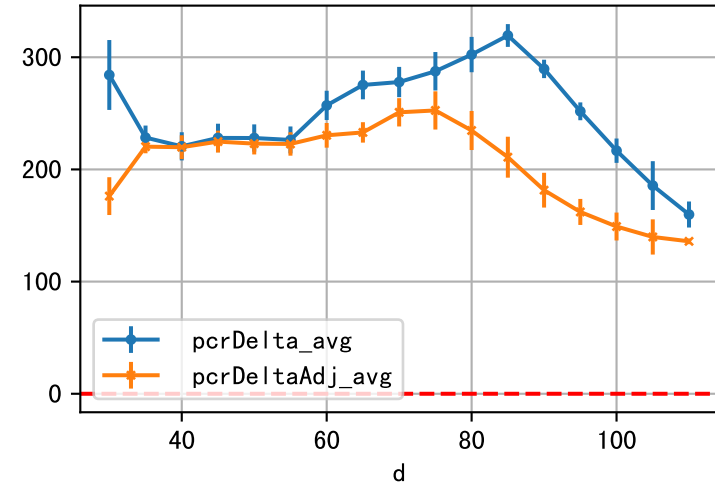
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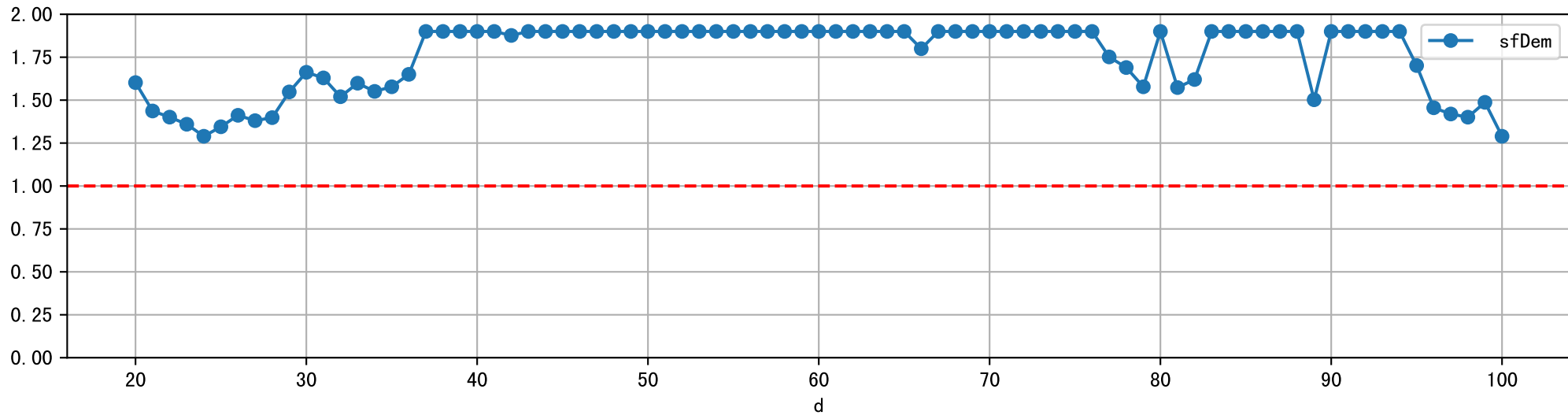
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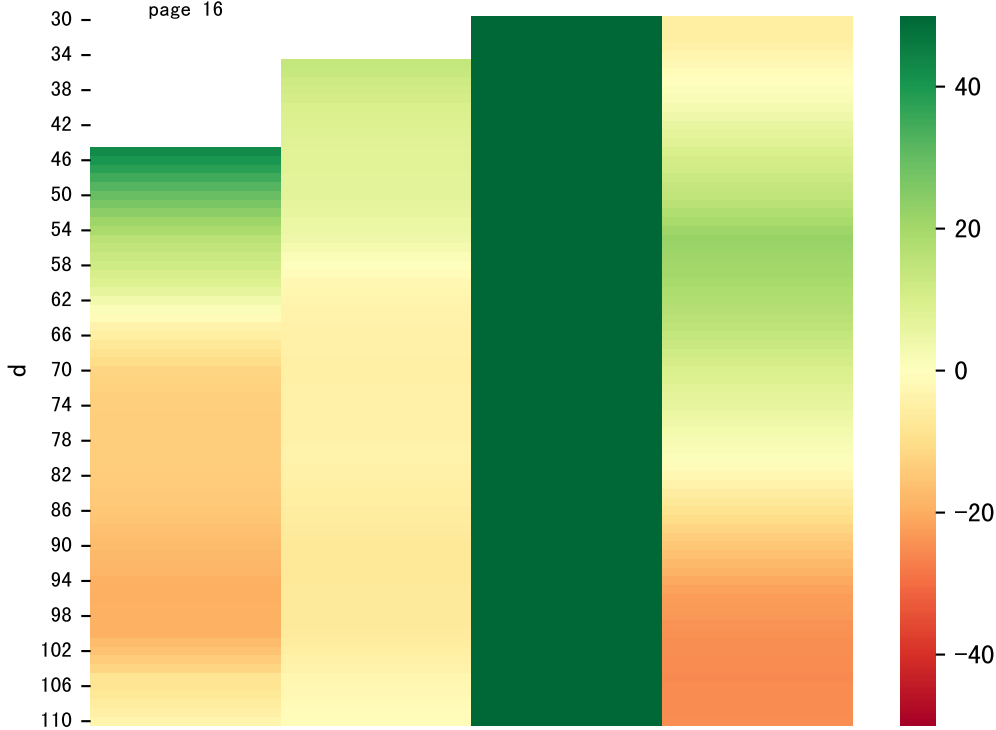


DeltaTypeAbbr=Wei AvgByD

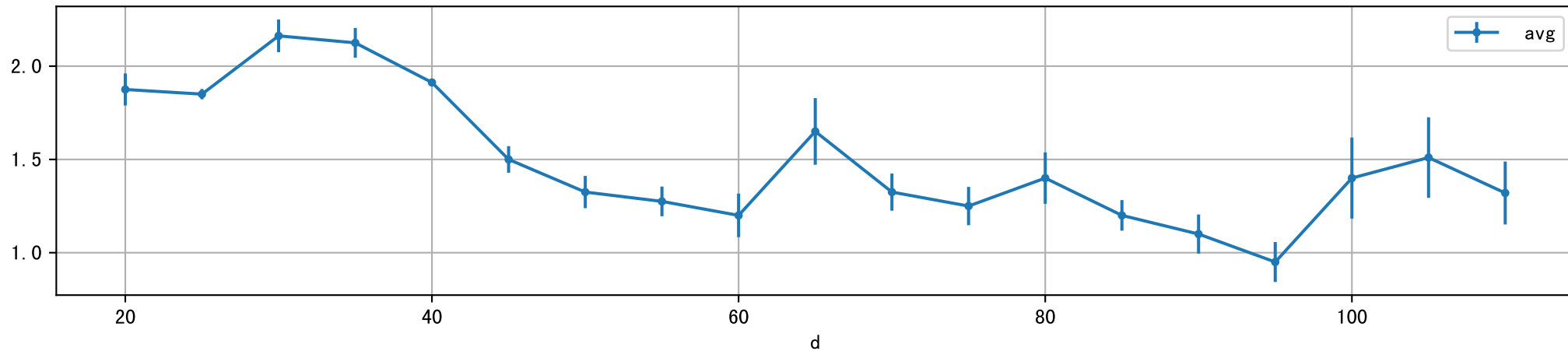


NdD: sfDem

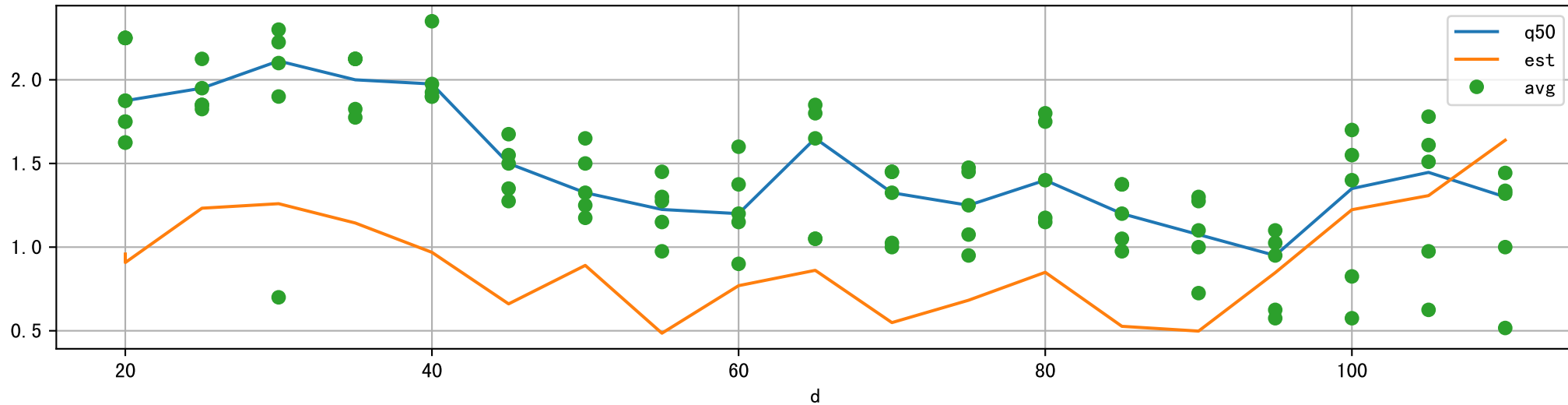




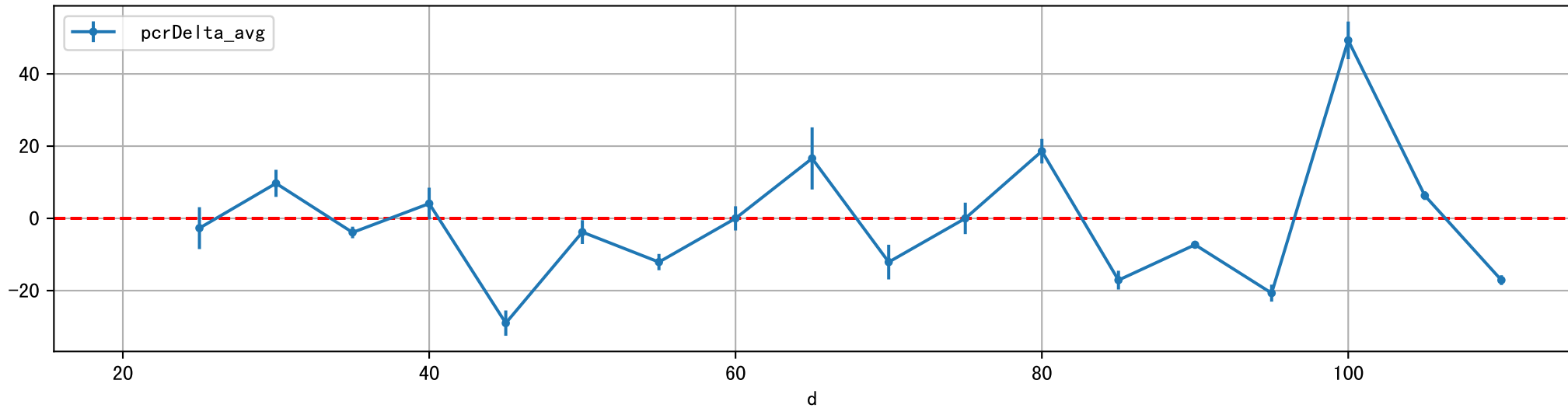
dStH: avg vs. d



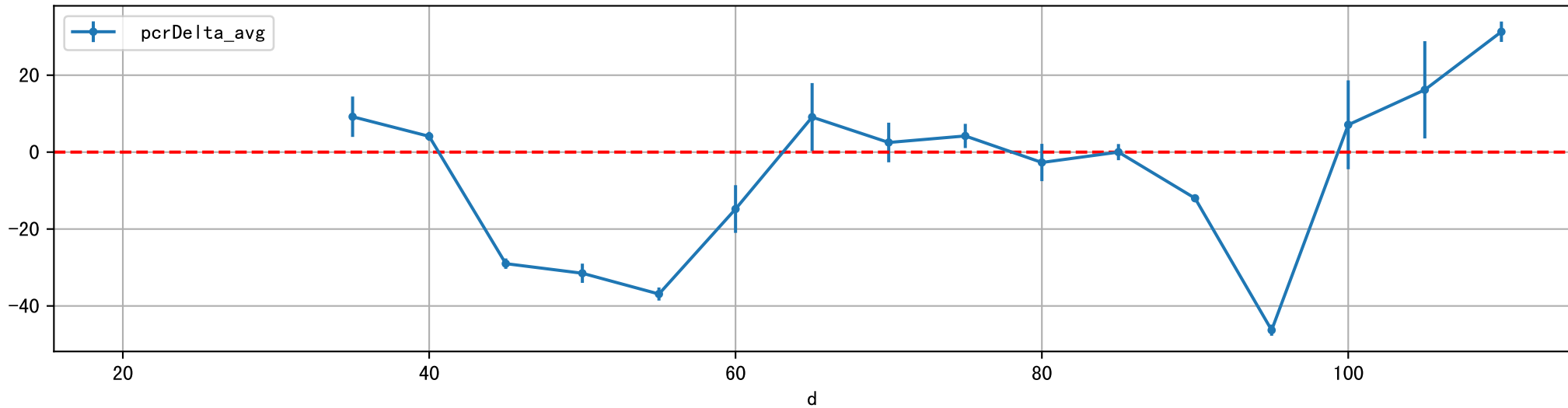
dStH: obsAvg vs obs0v@Q50



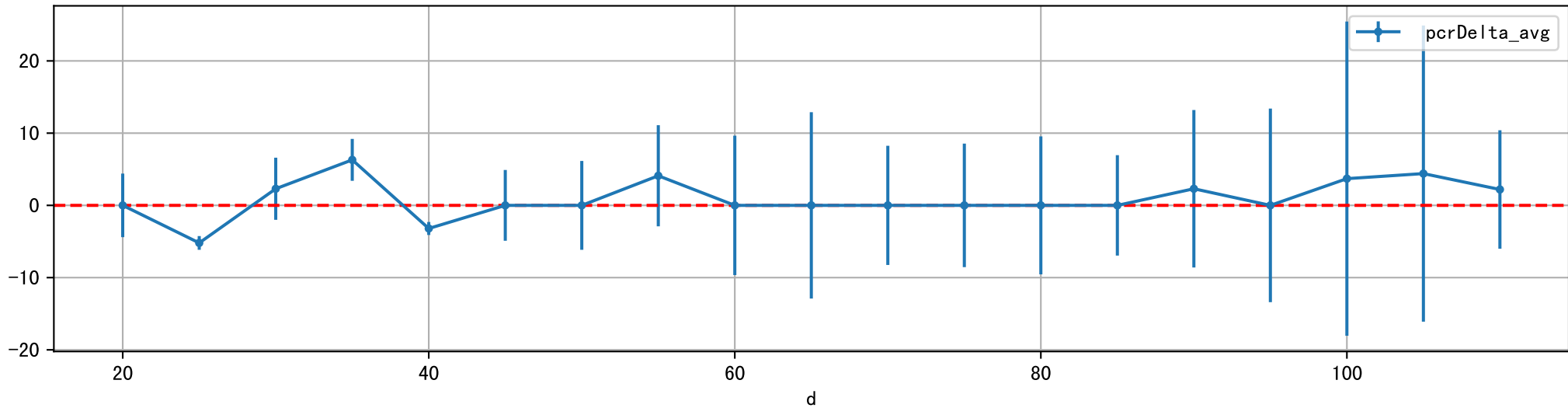
dStH: D_5d_StH



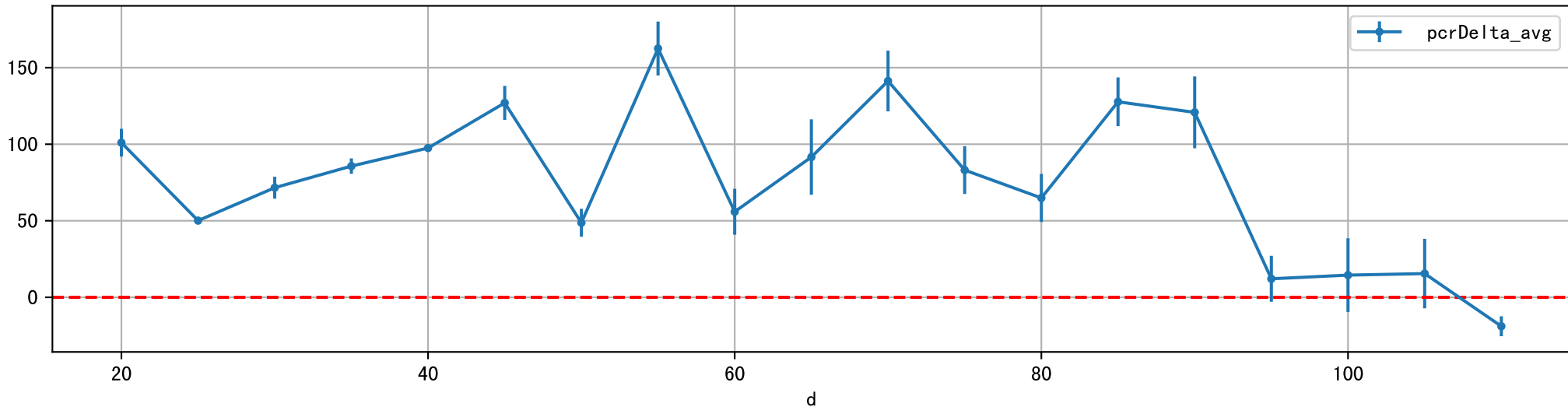
dStH: D_15d_StH



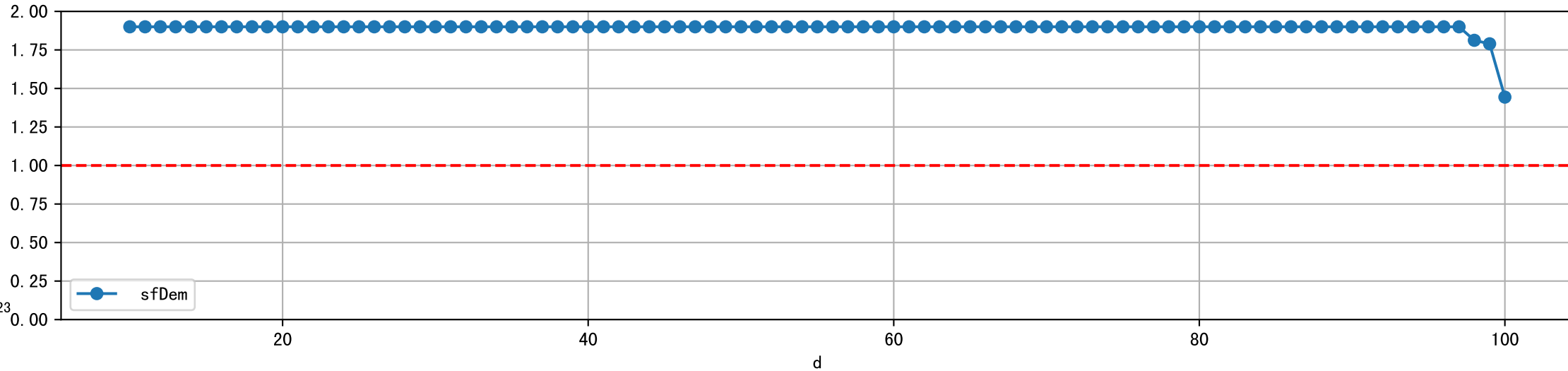
dStH: D_Q50_StH



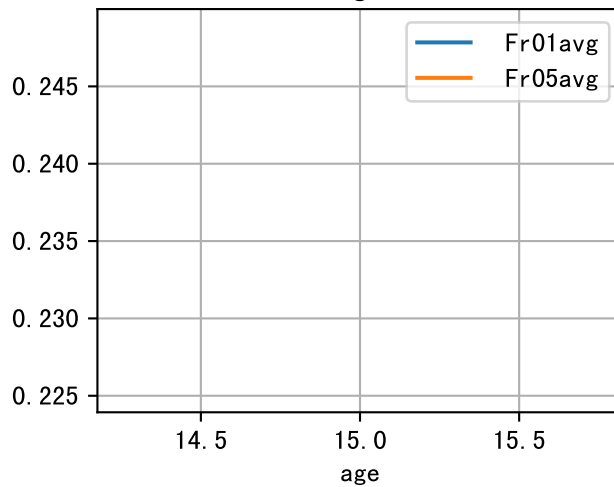
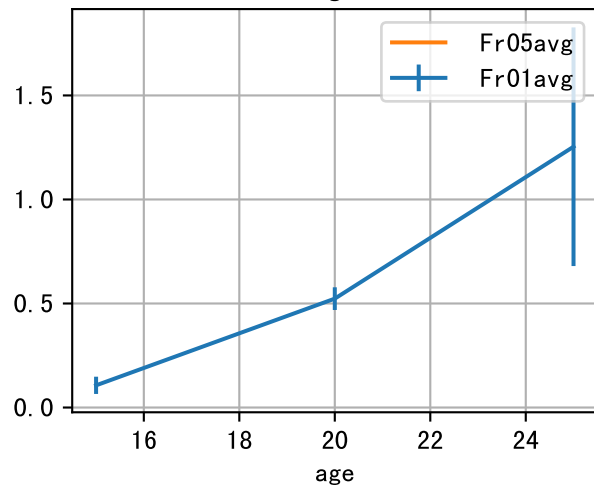
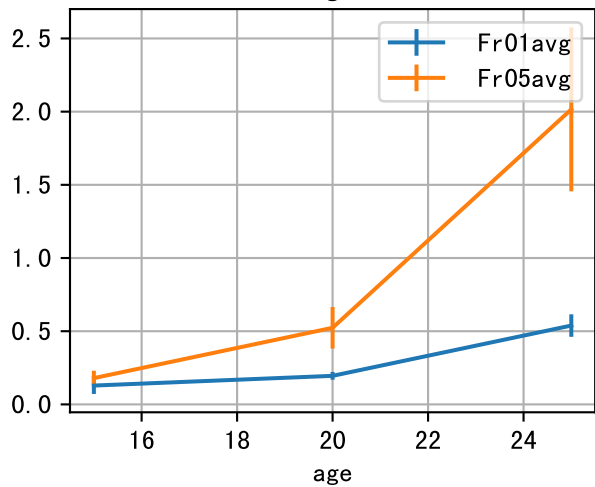
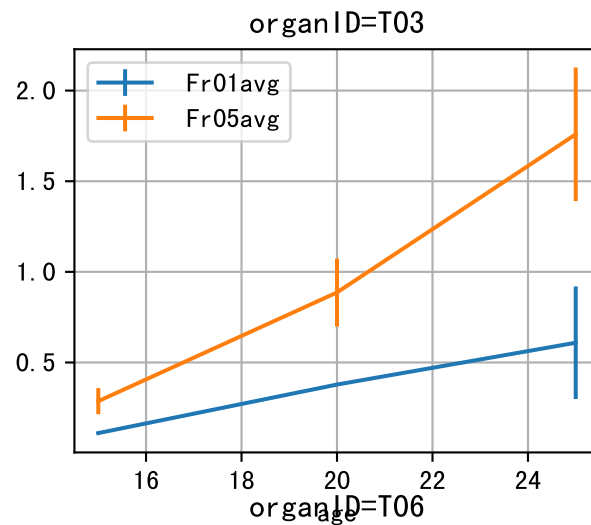
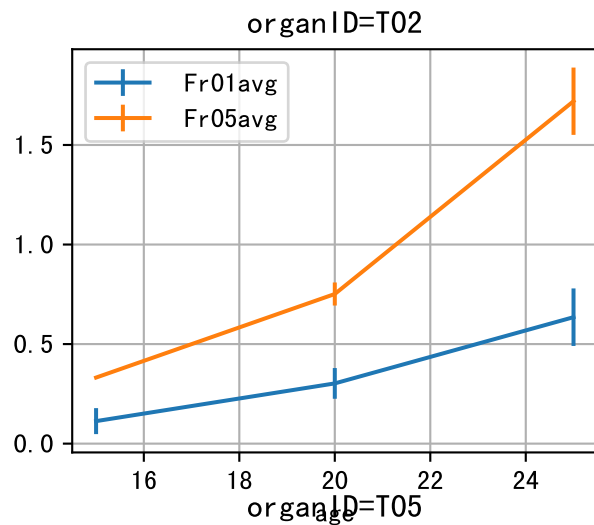
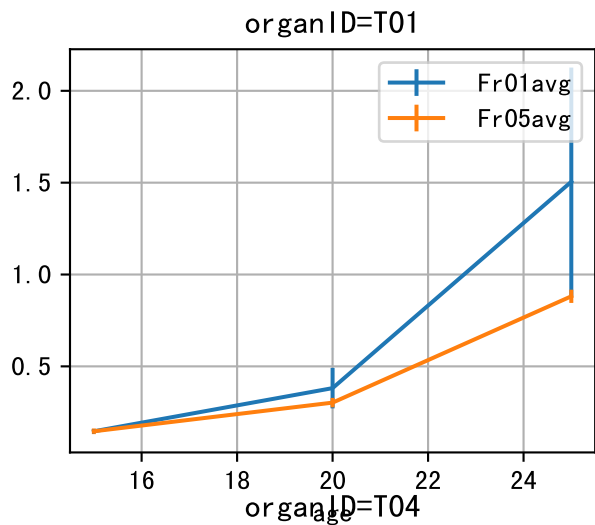
dStH: D_Est_StH



dStH: sfDem

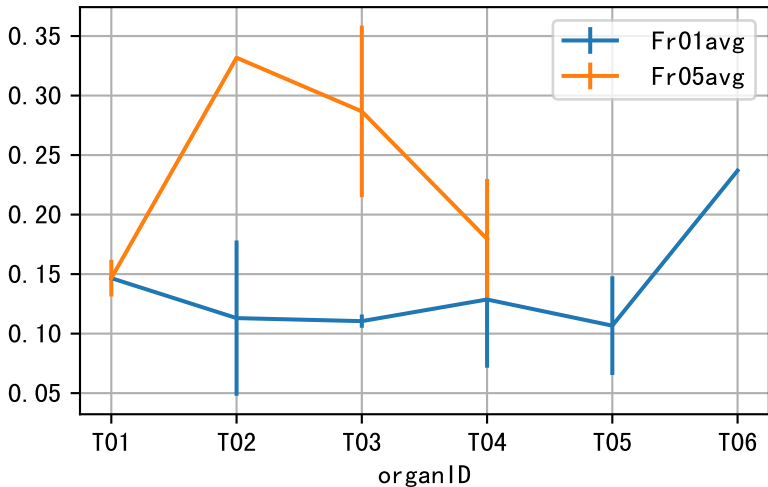


FrV: Fr01 vs Fr05 at each truss

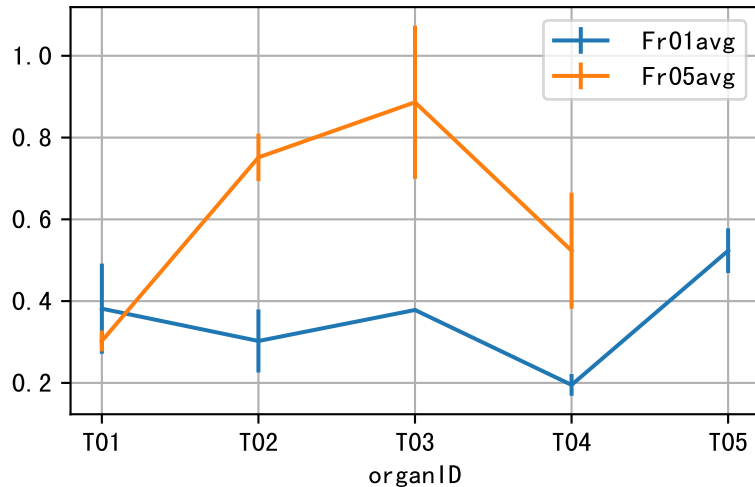


FrV trend at each age

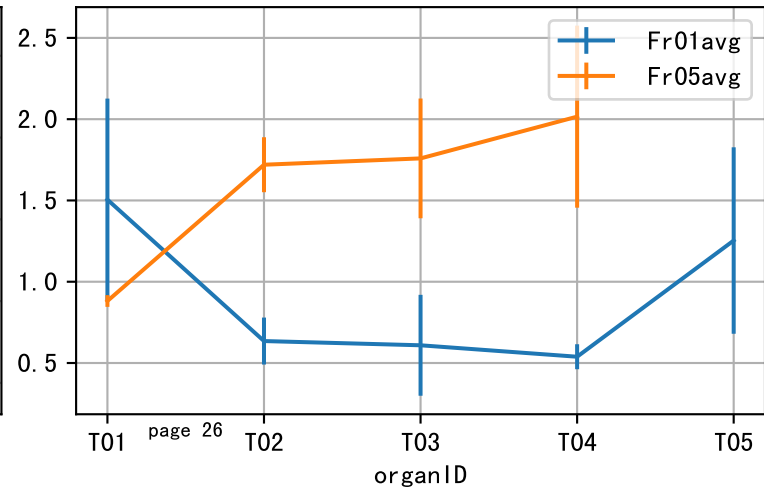
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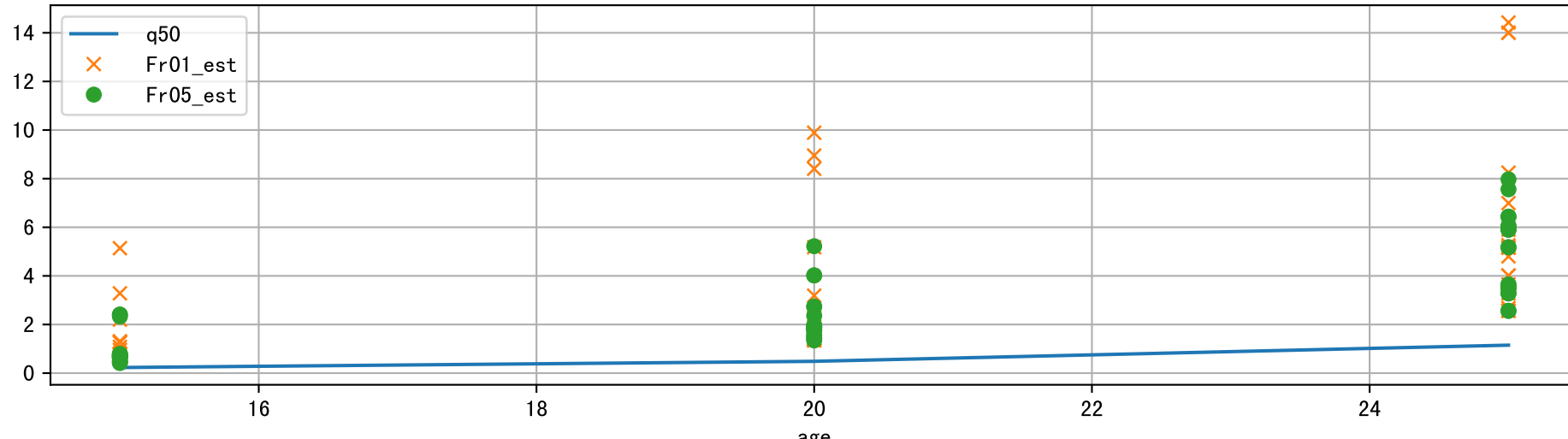
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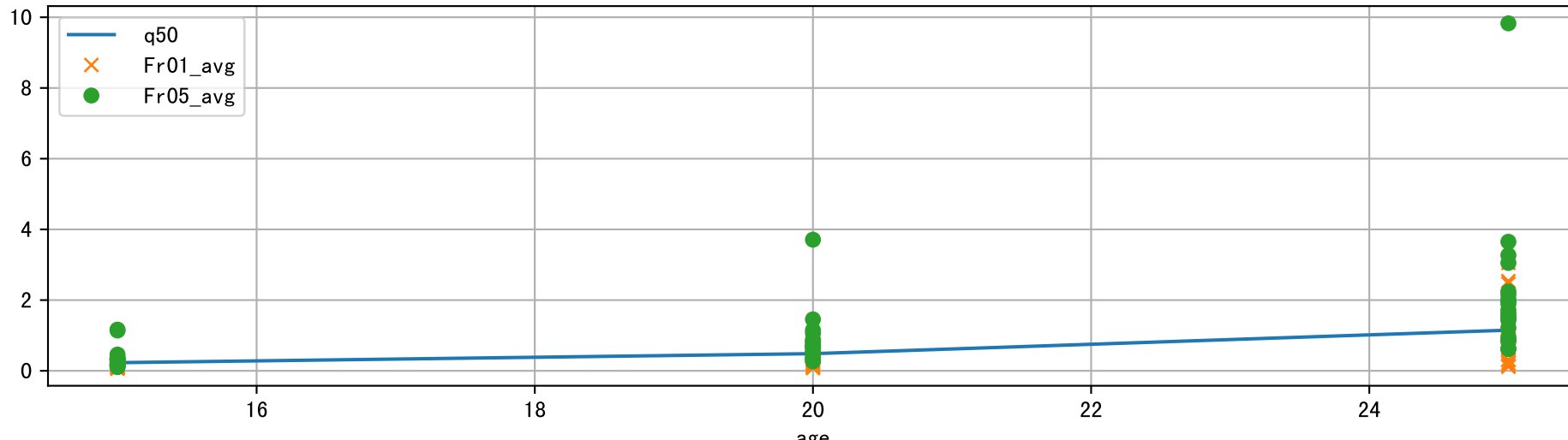
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FrV: model Est vs obsFrV at Q90

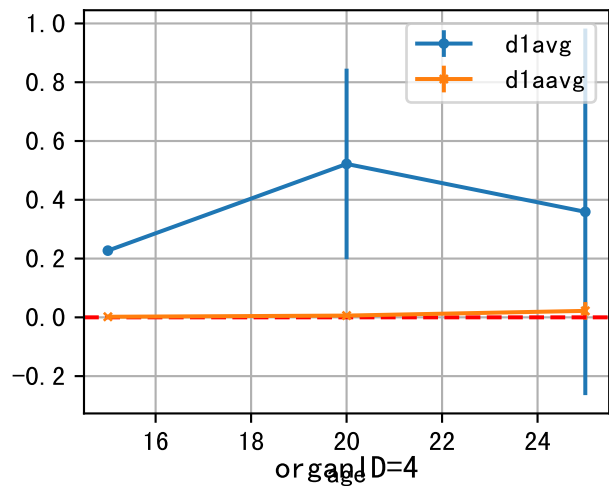


FrV: obsFrV vs obsFrV@Q90

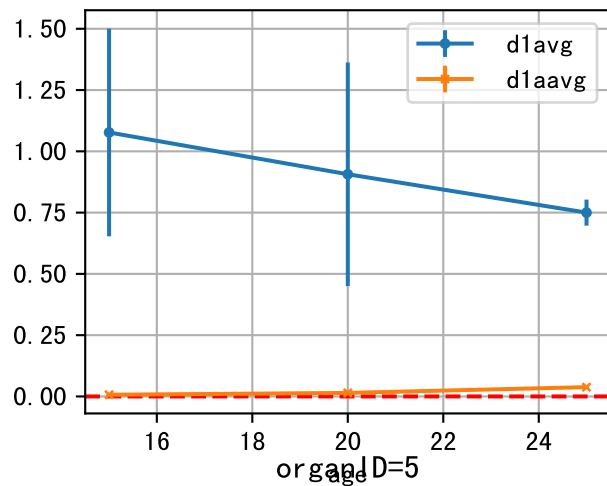


FrV: D_Fr1_FrV

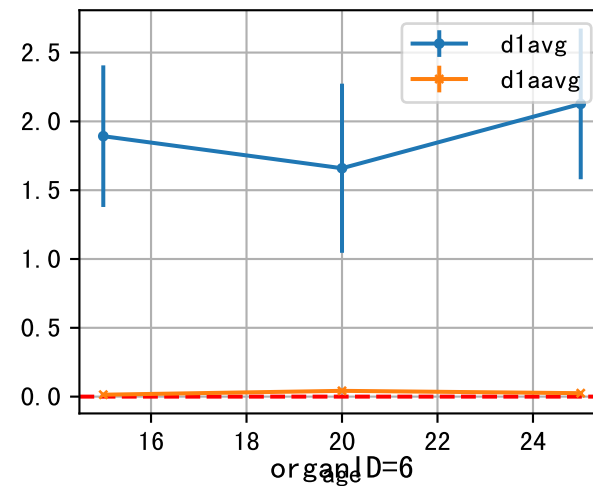
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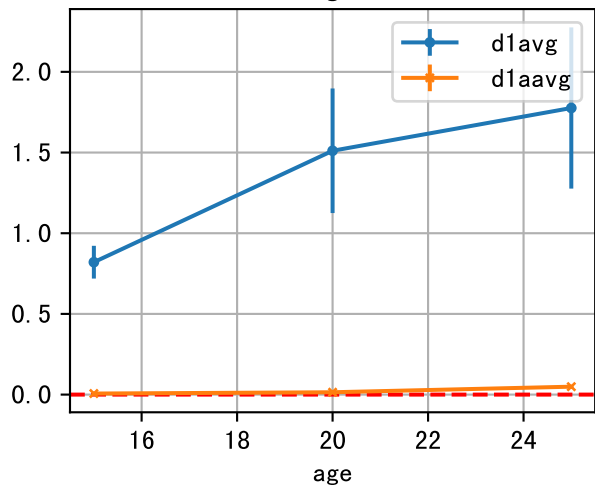
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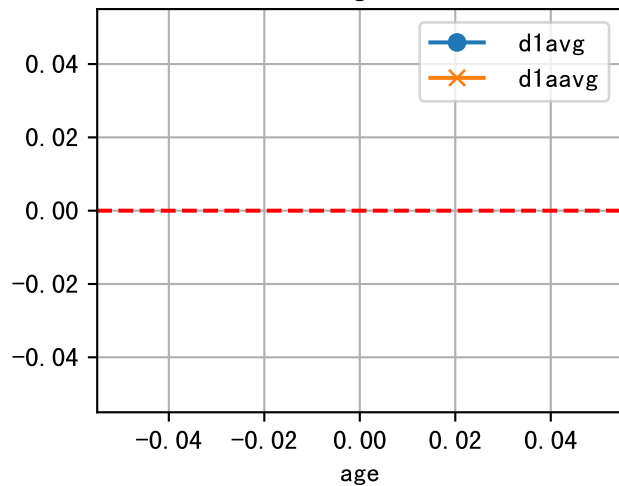
organID=3



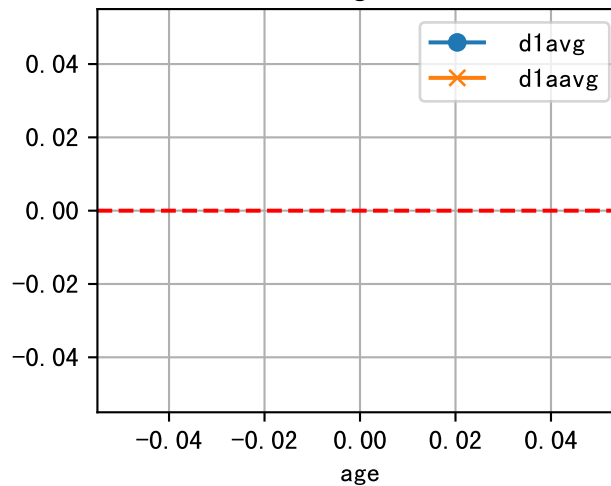
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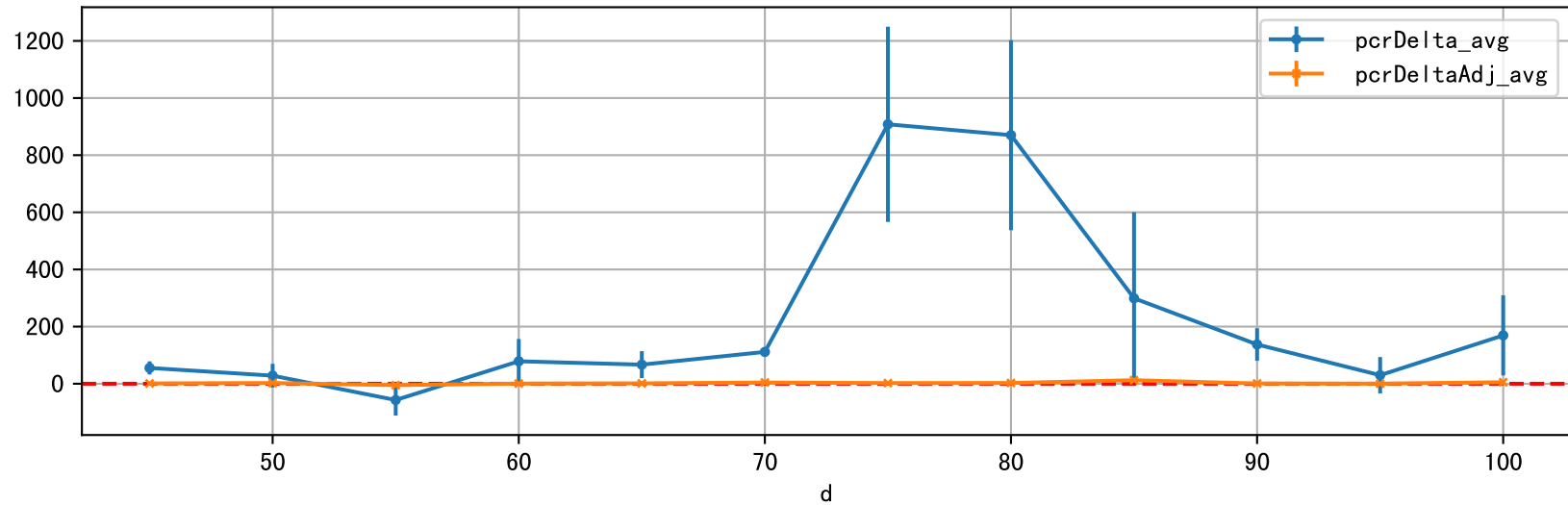
organID=5



organID=6

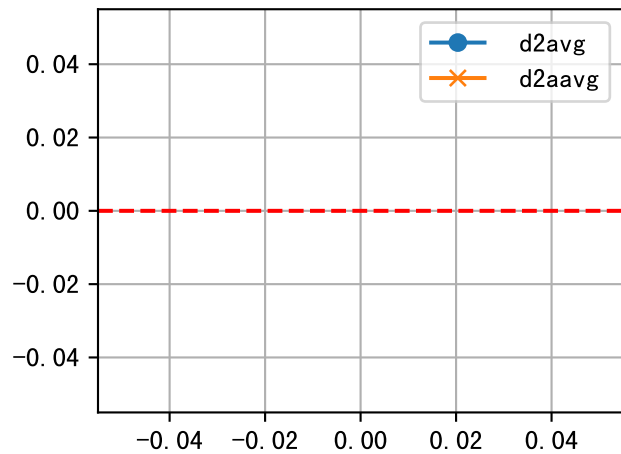


P10AE FrV: D_Fr1_FrV

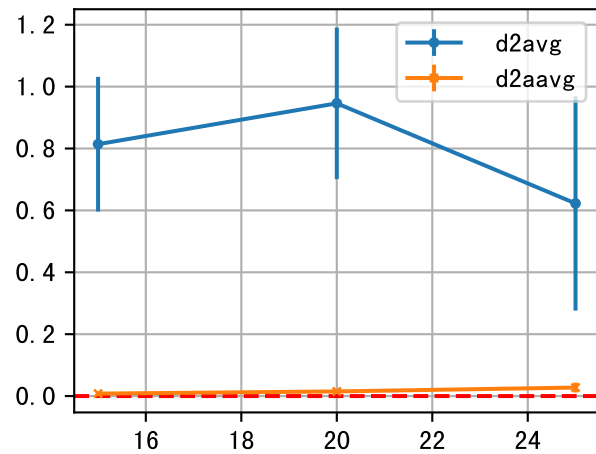


FrV: D_Ts_FrV

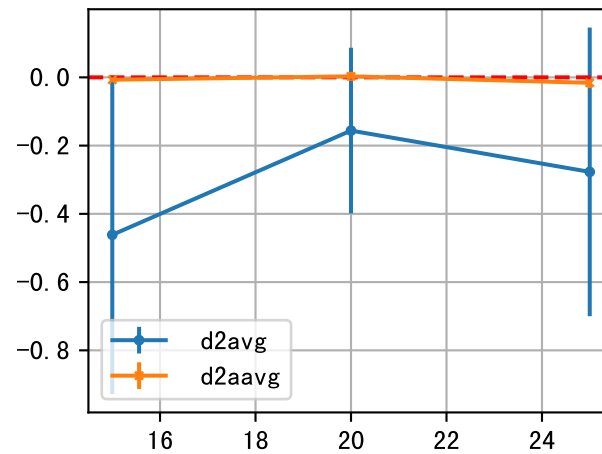
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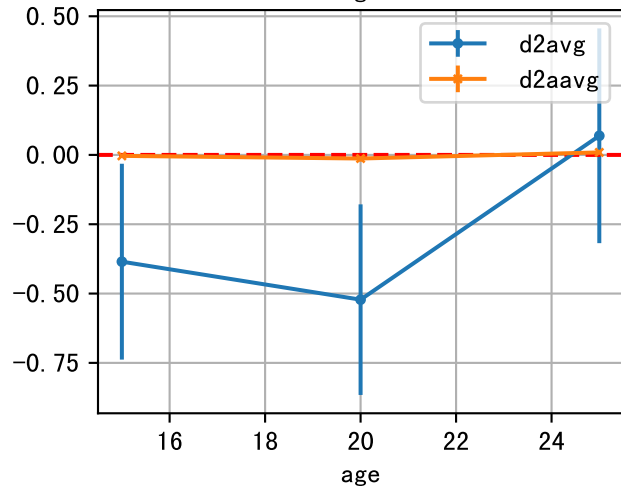
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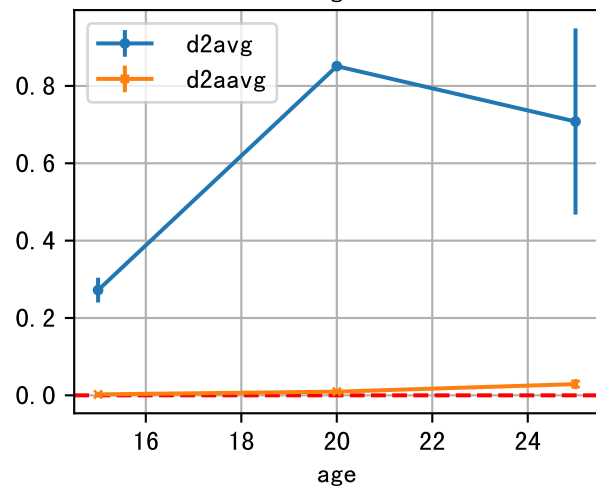
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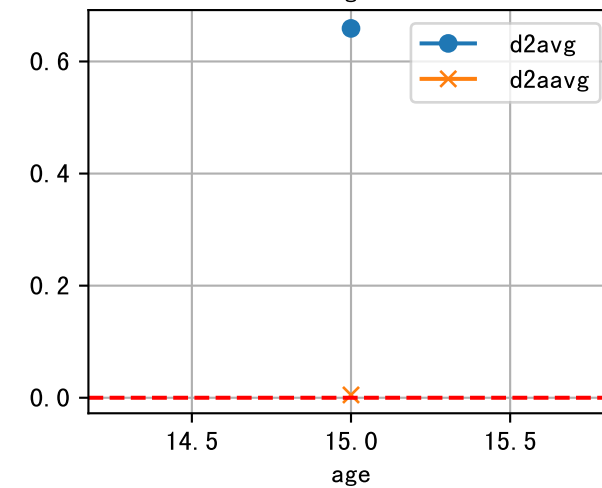
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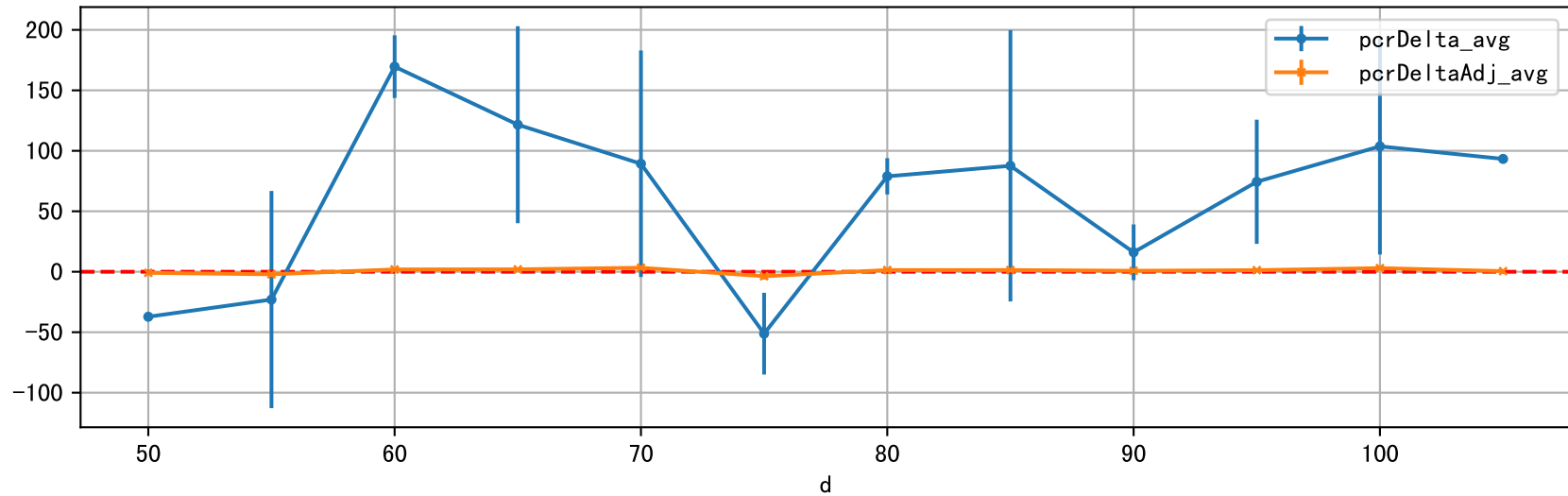
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organID=6

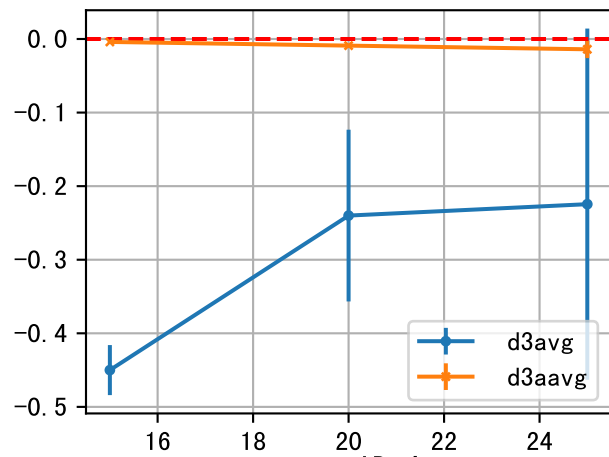


P10AE FrV: D_Ts_FrV

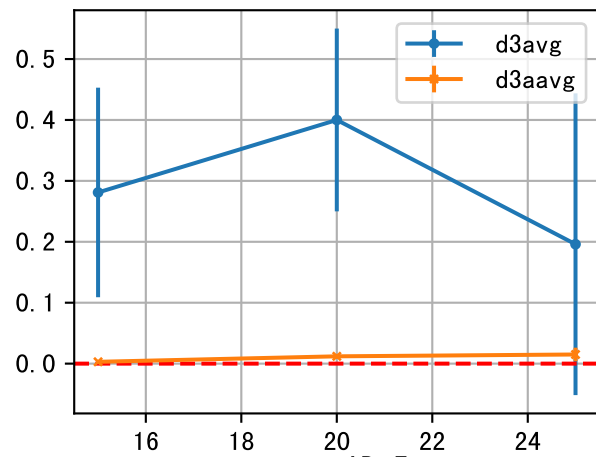


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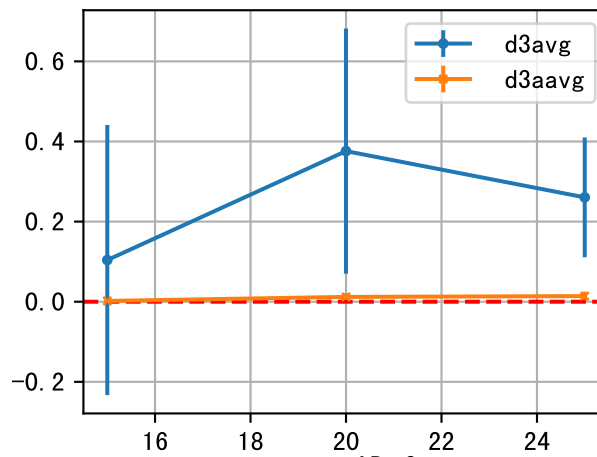
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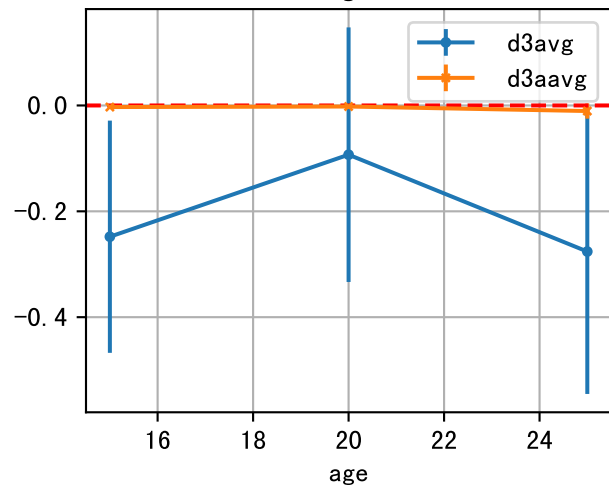
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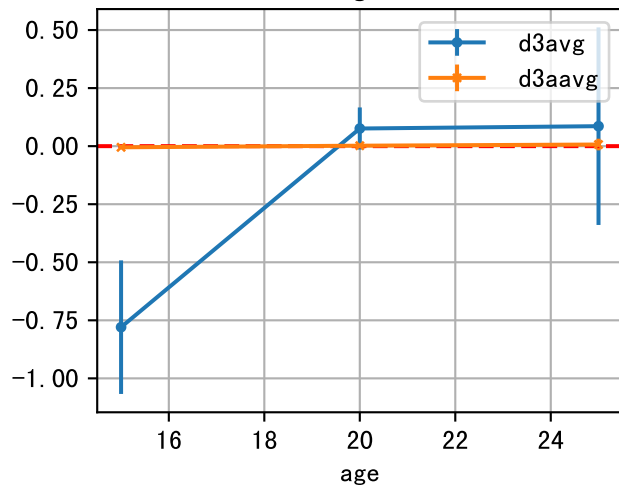
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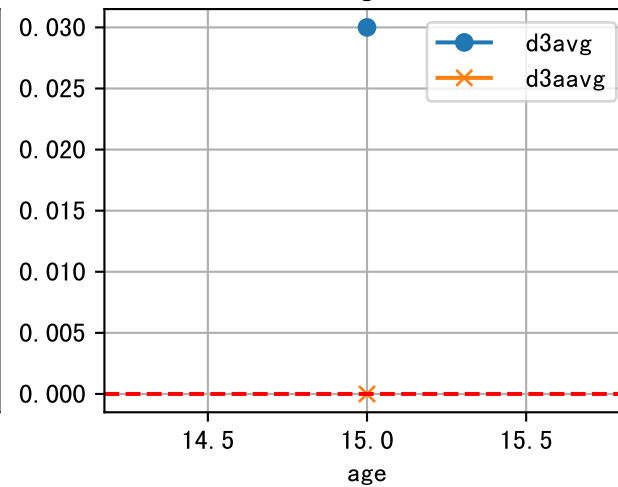
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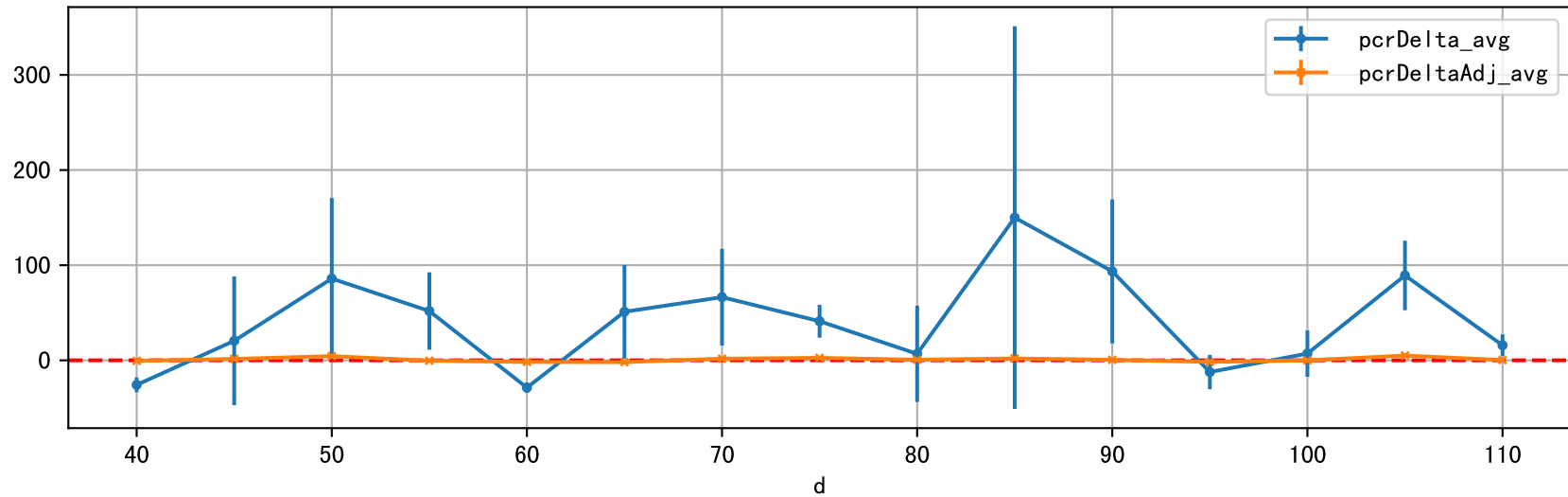
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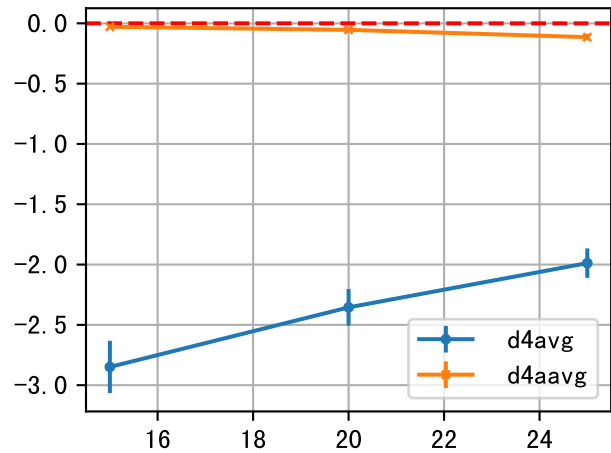


P10AE FrV: D_Q50_FrV

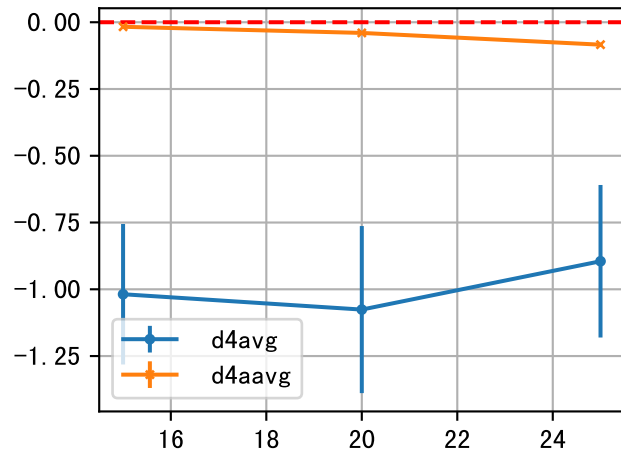


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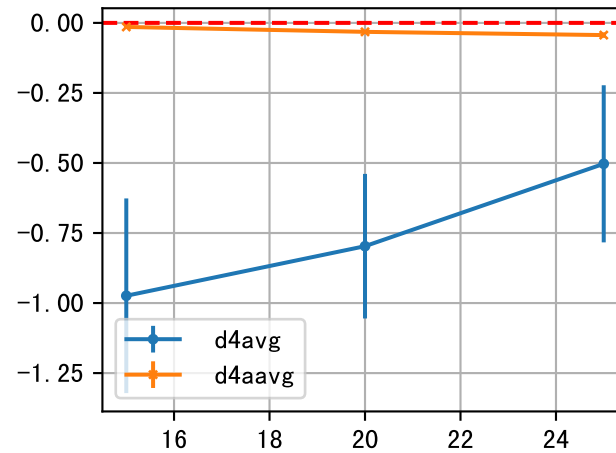
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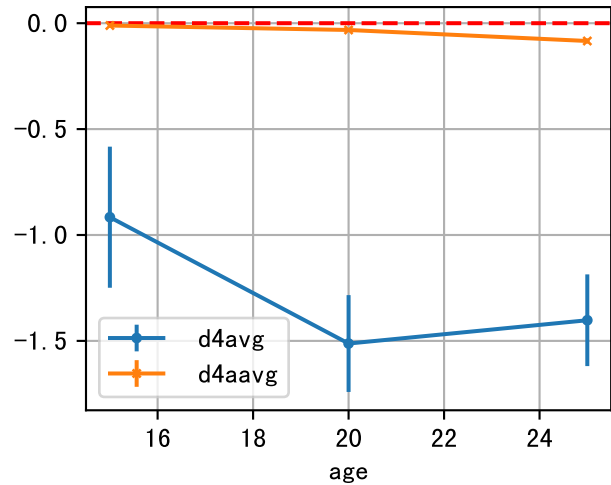
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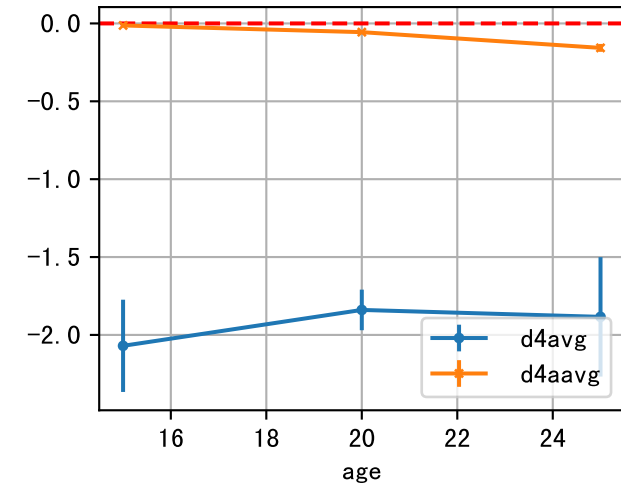
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organID=4



organID=5



organID=6

