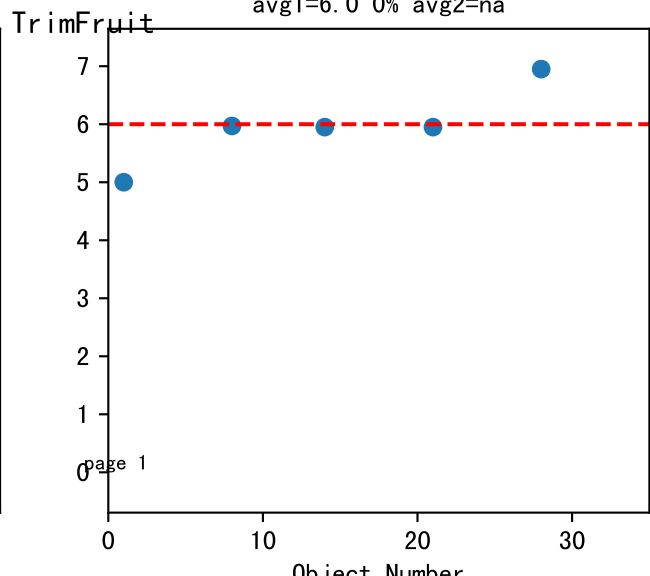
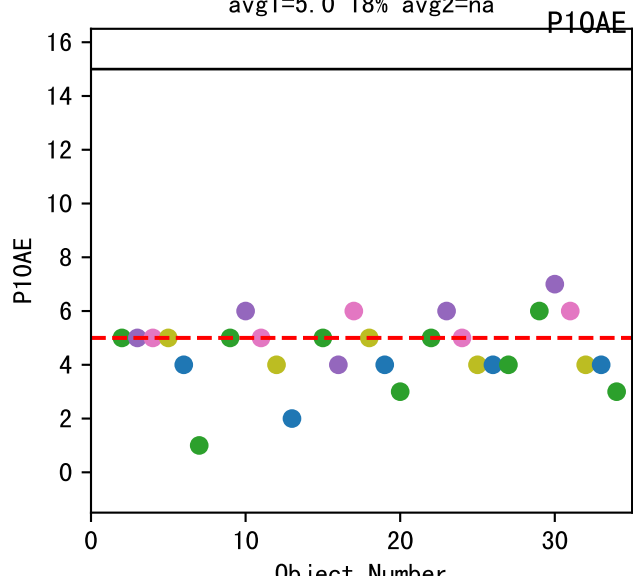


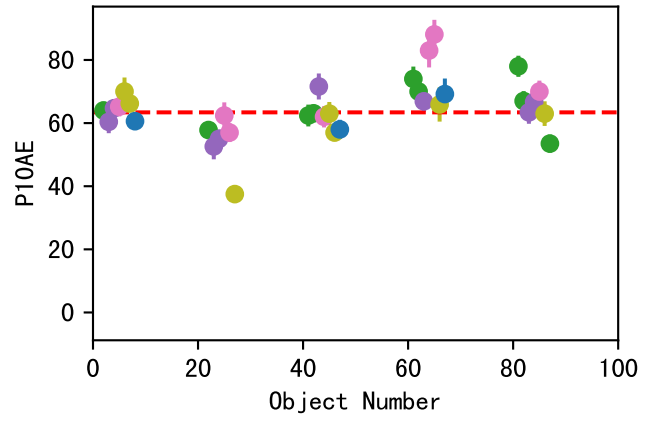
Phenotype Data Analysis Plots
PhenoData day range = 18 - 156
Analysis cutoff day = 156
NC11 P10
2026-03-24 (Day 157)

avg1=0.00% avg2=na
P10AE Truss

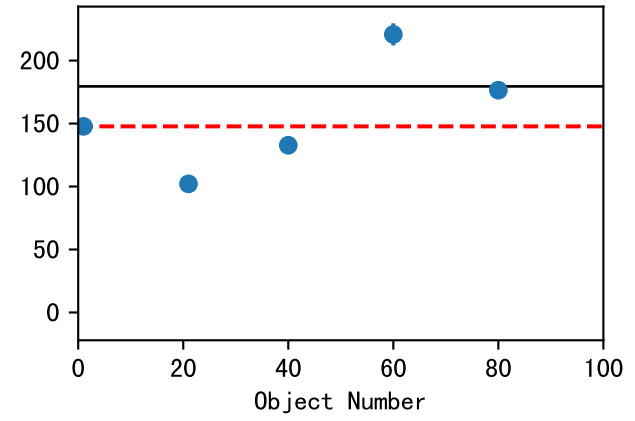




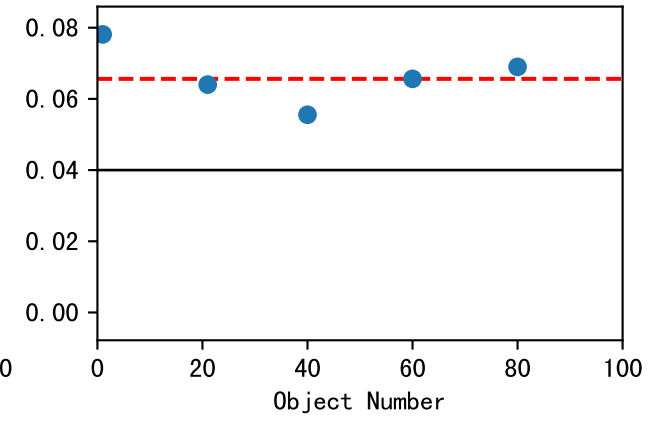
FrD_avgAbsY (Def=na Set=63.4)
avg1=63.4~9% avg2=na



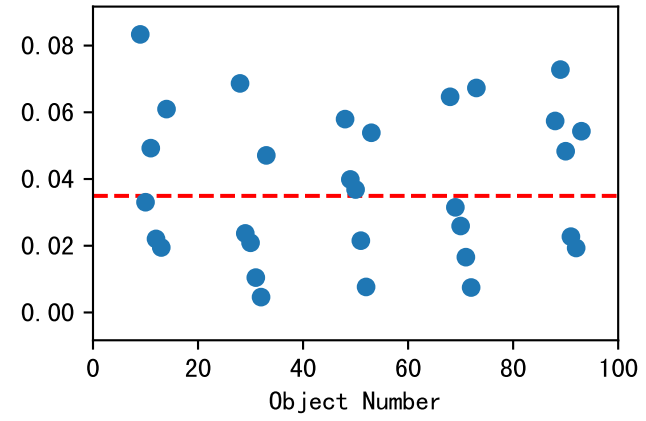
FrV_Q90AbsY (Def=179.5 Set=147.76)
avg1=179.5~31% avg2=na



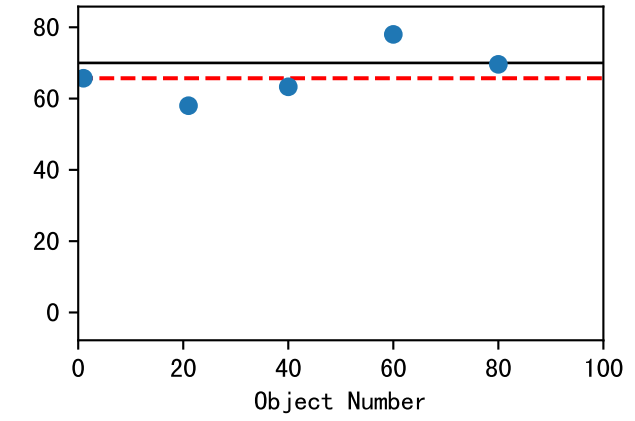
LTA_Q90AbsY (Def=0.04 Set=0.04)
avg1=0.07~4% avg2=na



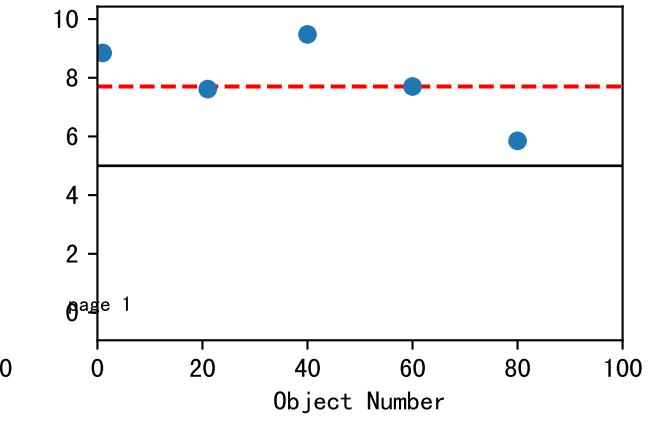
LfA_avgAbsY (Def=na Set=0.03)
avg1=0.03~63% avg2=na



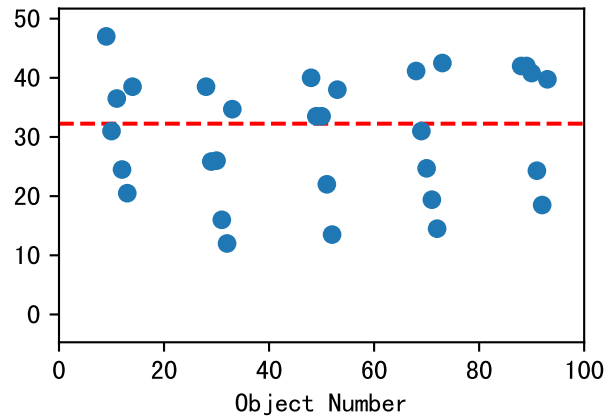
FrD_Q90AbsY (Def=70 Set=65.7)
avg1=65.7~11% avg2=na



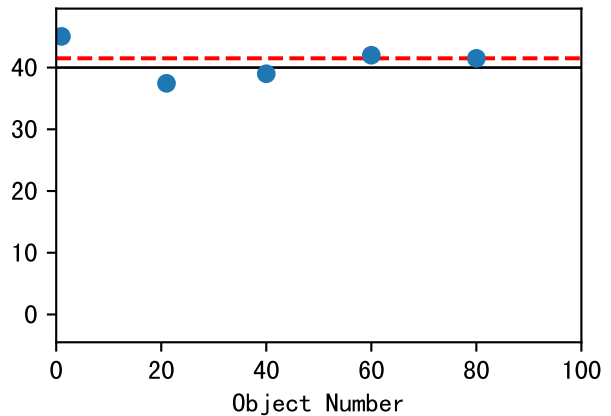
NdL_Q90AbsY (Def=5 Set=7.7)
avg1=7.7~18% avg2=na



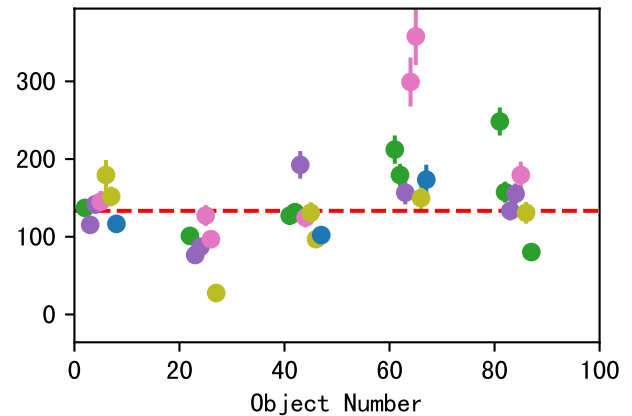
LTL_avgAbsY (Def=na Set=32.25)
avg1=32.25~32% avg2=na



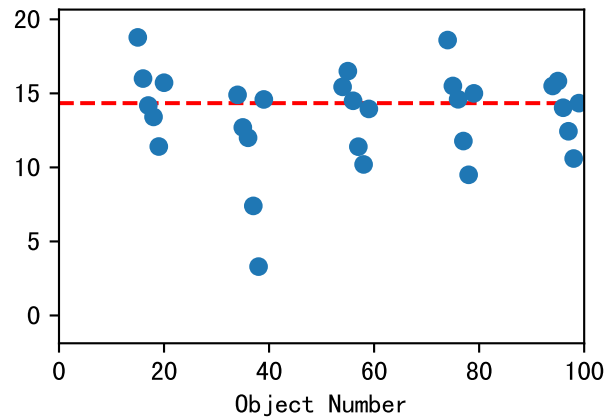
LTL_Q90AbsY (Def=40 Set=41.5)
avg1=41.5~7% avg2=na



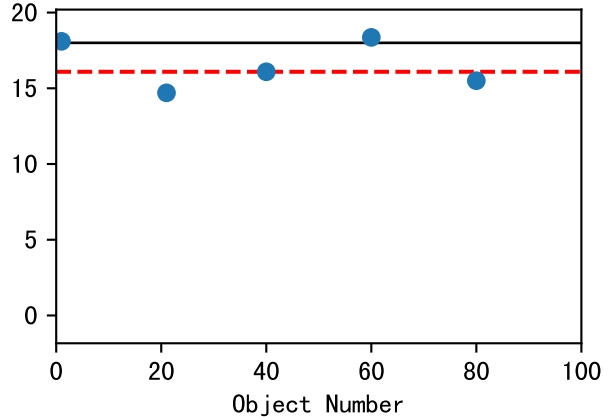
FRV_avgAbsY (Def=na Set=133.39)
avg1=133.39~29% avg2=na



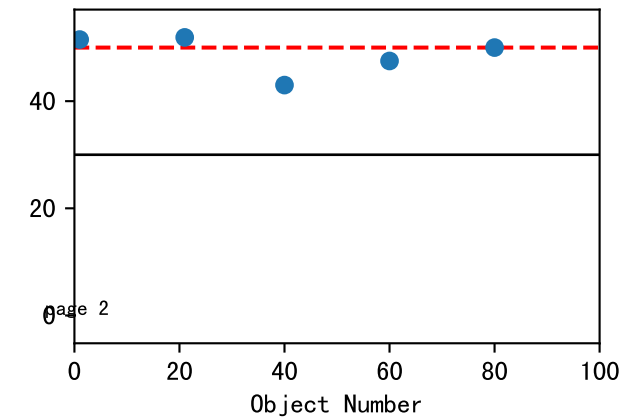
NdD_avgAbsY (Def=na Set=14.34)
avg1=14.34~18% avg2=na



NdD_Q90AbsY (Def=18 Set=16.09)
avg1=16.09~10% avg2=na

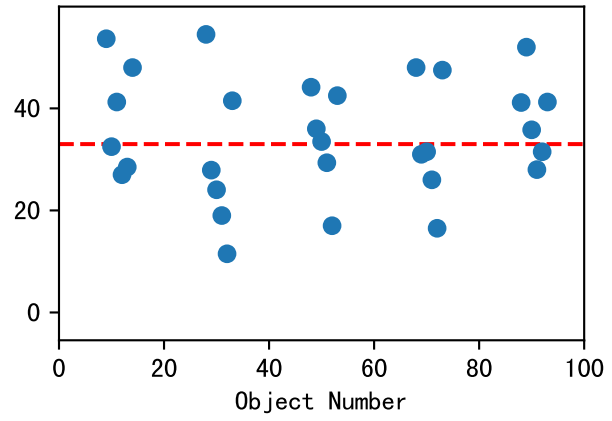


LfW_Q90AbsY (Def=30 Set=50.0)
avg1=50.0~7% avg2=na

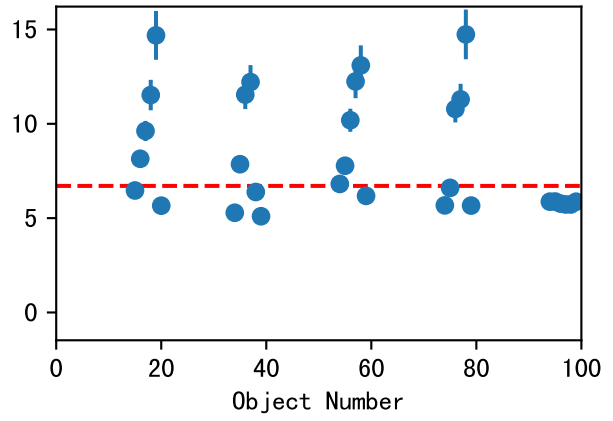


Page 2

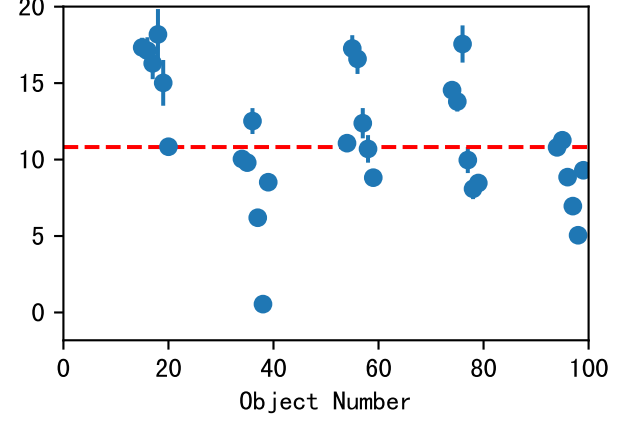
LTW_avgAbsY (Def=na Set=33.0)
avg1=33.0~35% avg2=na



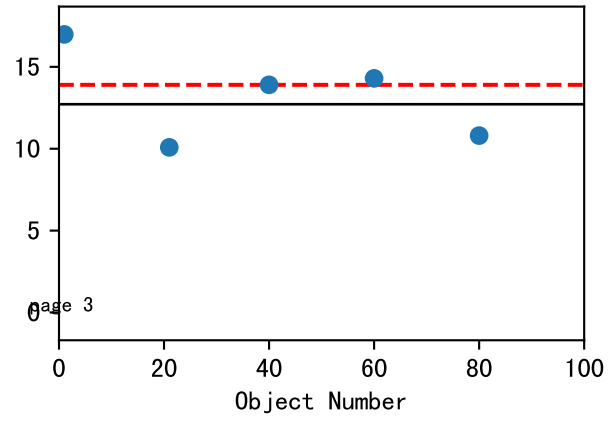
NdL_avgAbsY (Def=na Set=6.71)
avg1=6.71~46% avg2=na



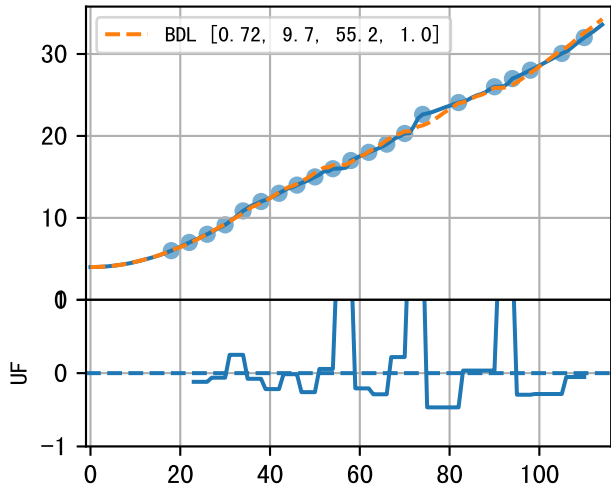
Ndv_avgAbsY (Def=na Set=10.82)
avg1=10.82~39% avg2=na



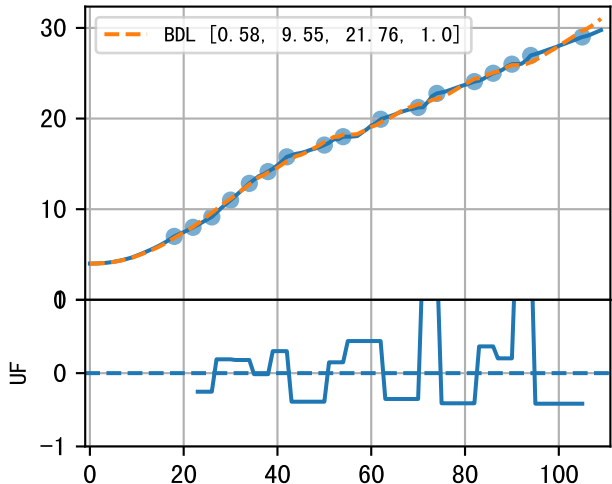
NdV_Q90AbsY (Def=12.72 Set=13.9)
avg1=13.9~20% avg2=na



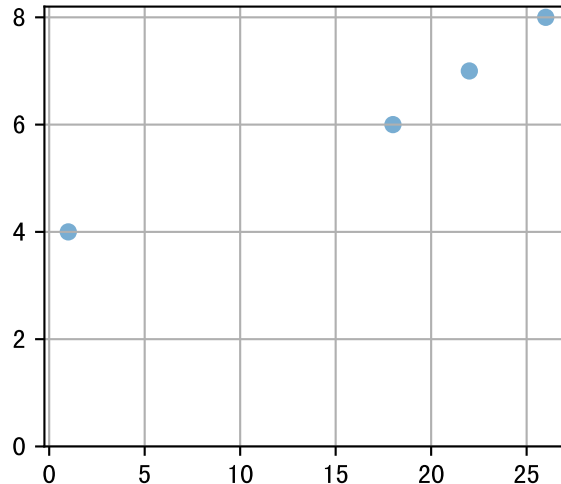
P10AE-081-12 (fit failed)



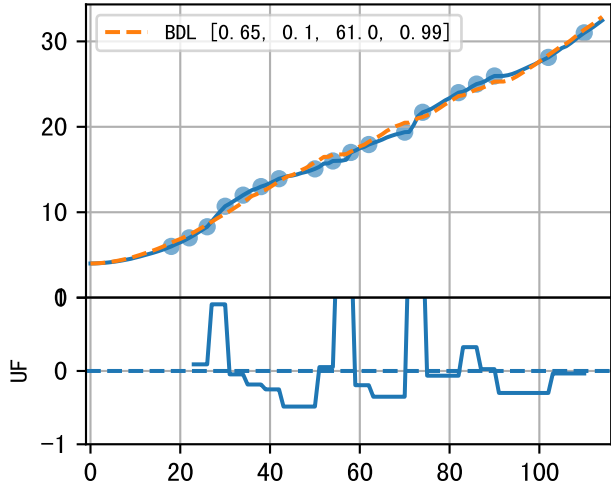
P10AE-087-27 (fit failed)



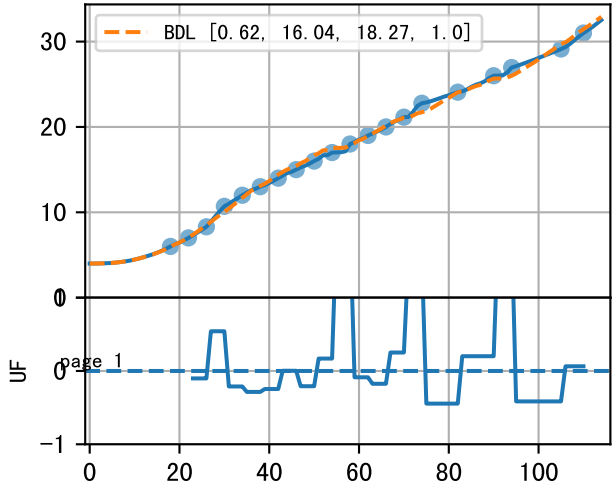
P10AE-095-20 (fit failed)



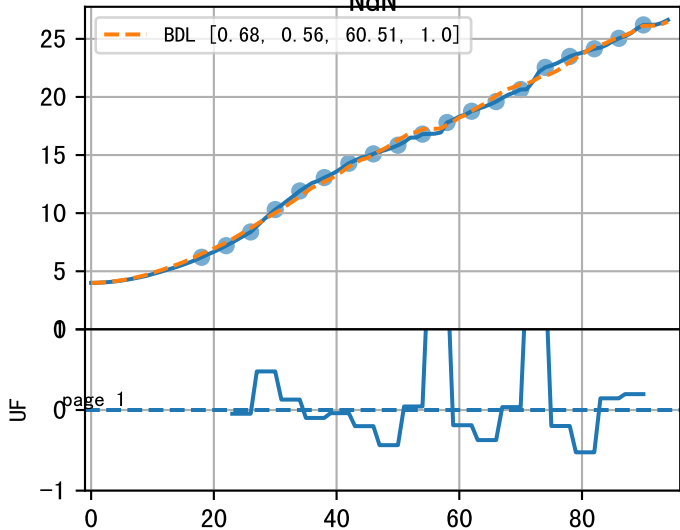
P10AE-103-32 (fit failed)



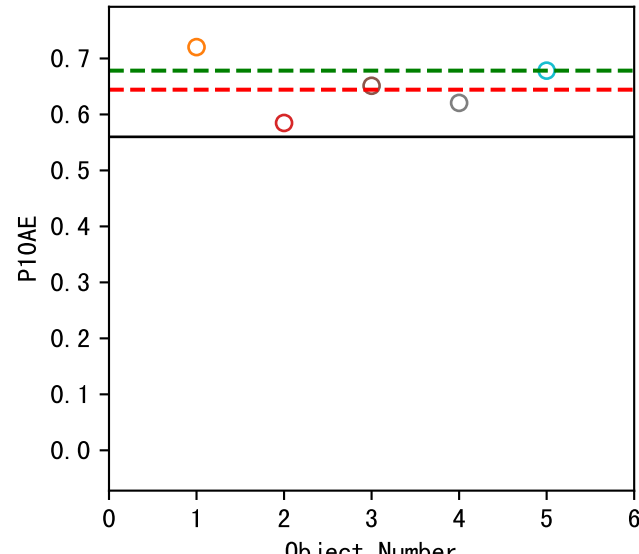
P10AE-114-7 (fit failed)



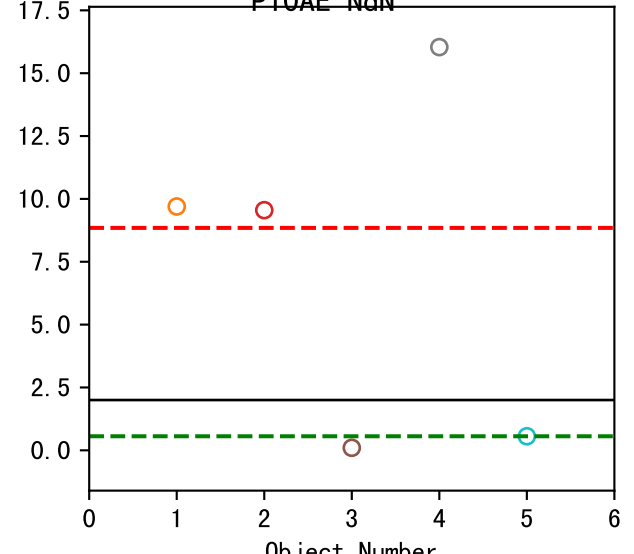
PIOAEavg (left-tailed)



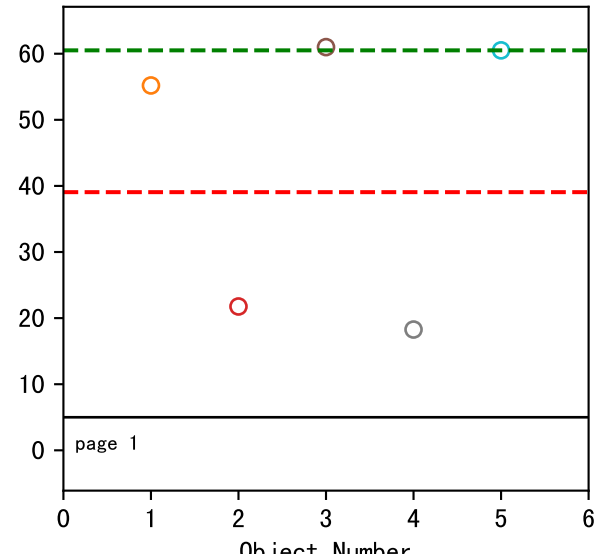
avg1=0.64 (fail) avg2=0.68

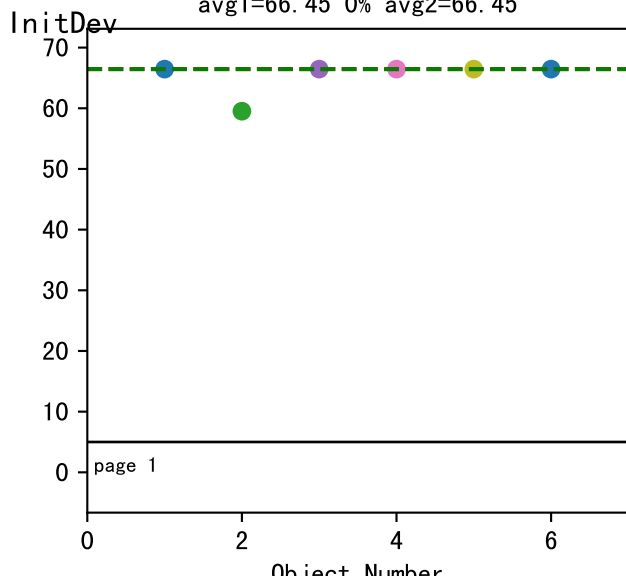
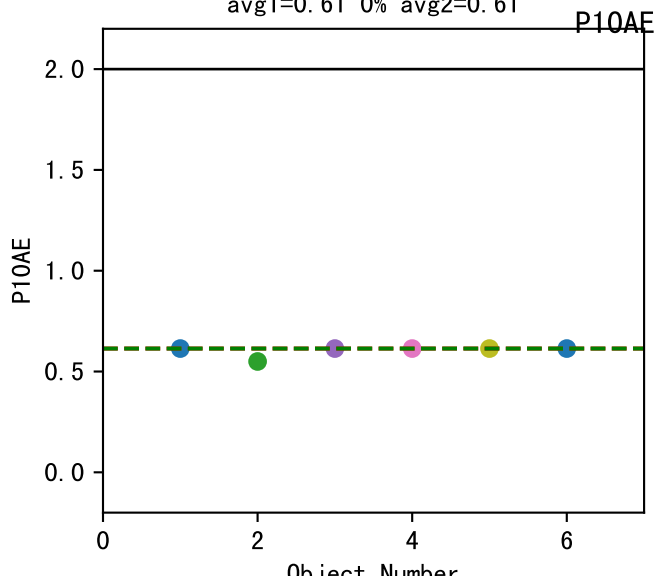


avg1=8.85 (fail) avg2=0.56

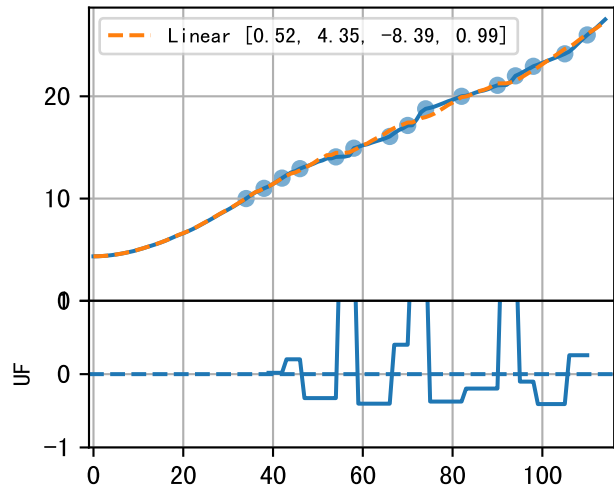


avg1=39.06 (fail) avg2=60.51

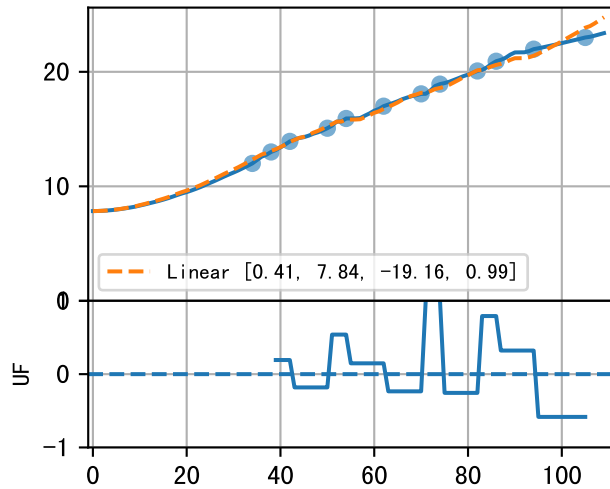




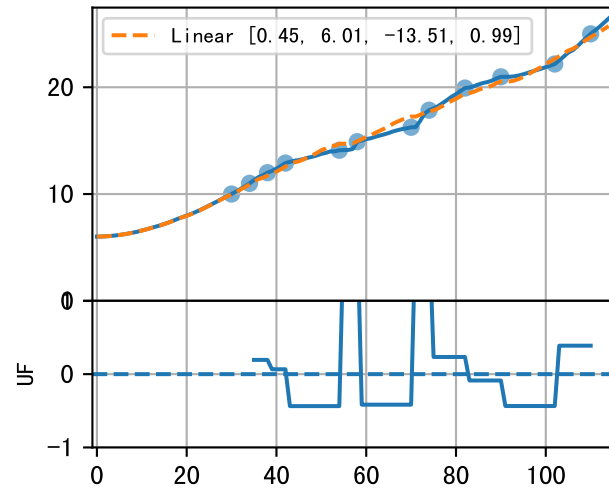
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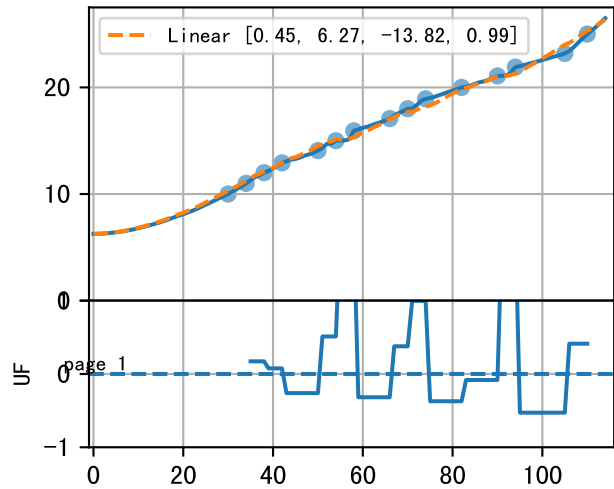
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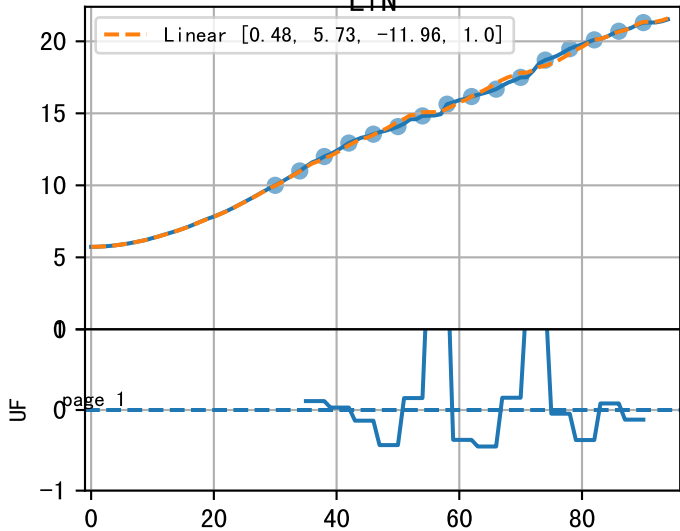
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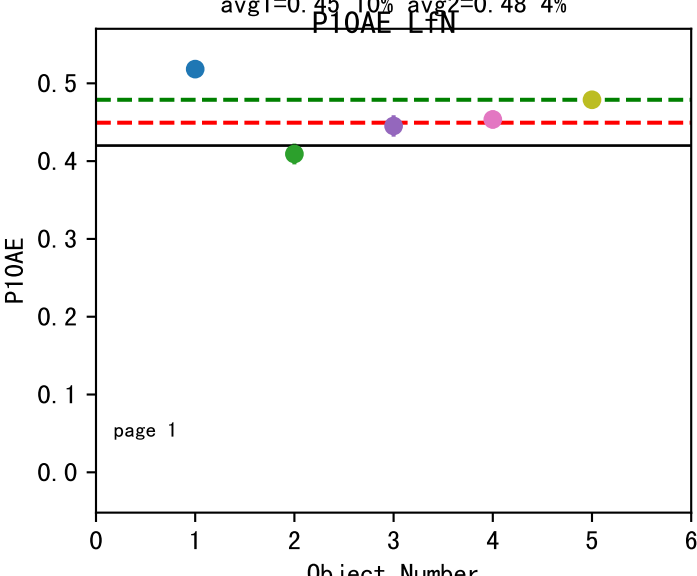
P10AE-114-7



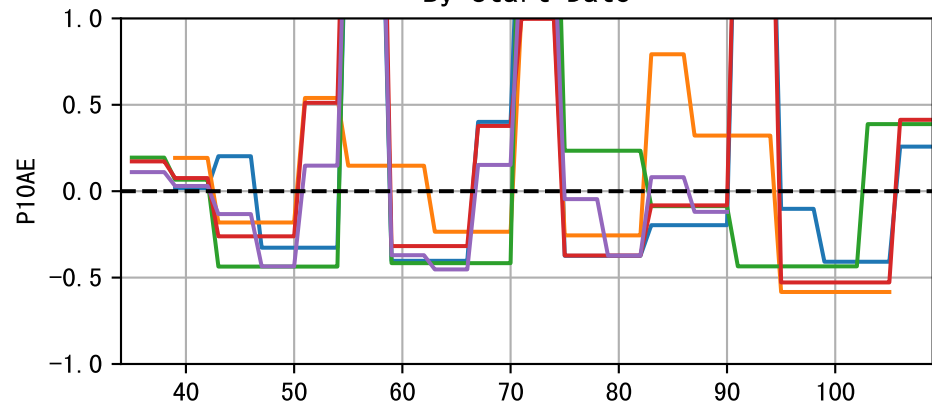
PTUavg Lfn



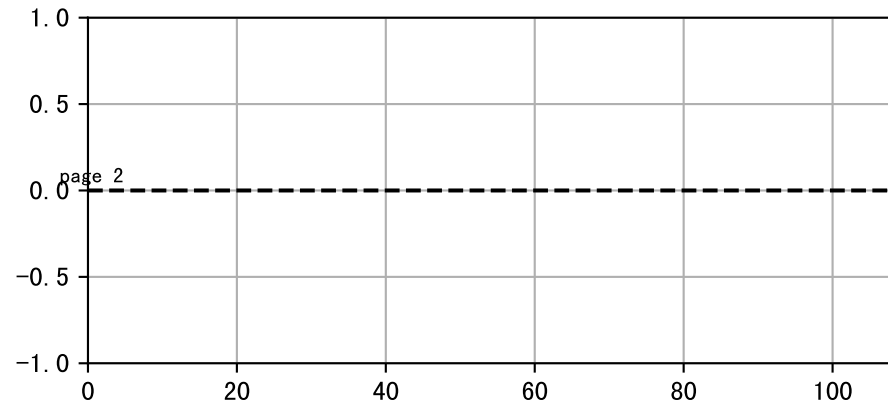
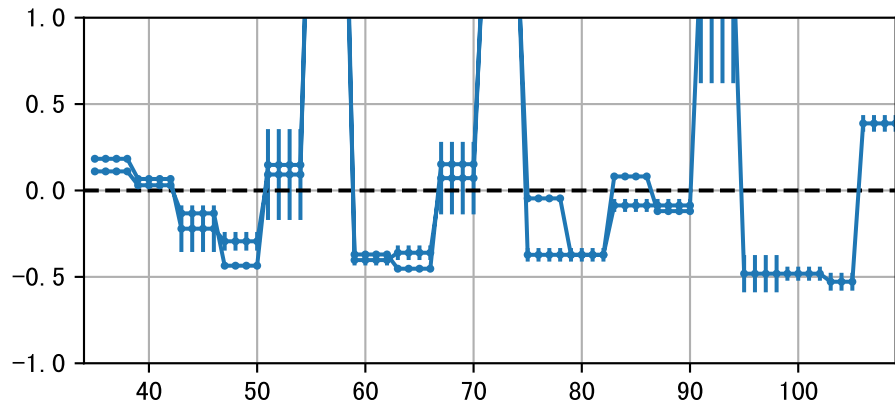
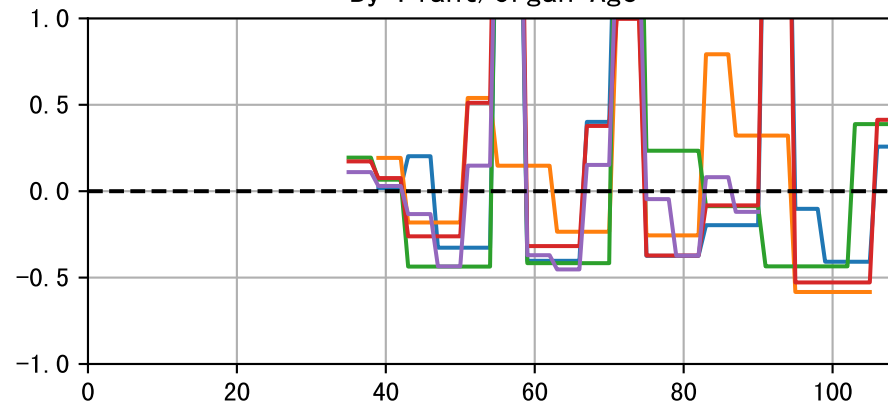
page 1



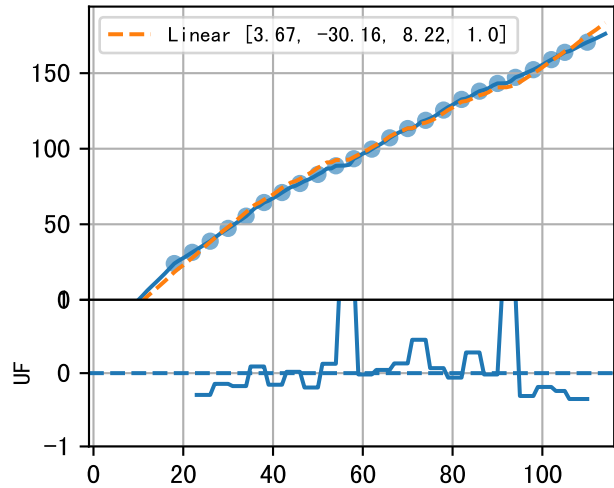
By Start Date



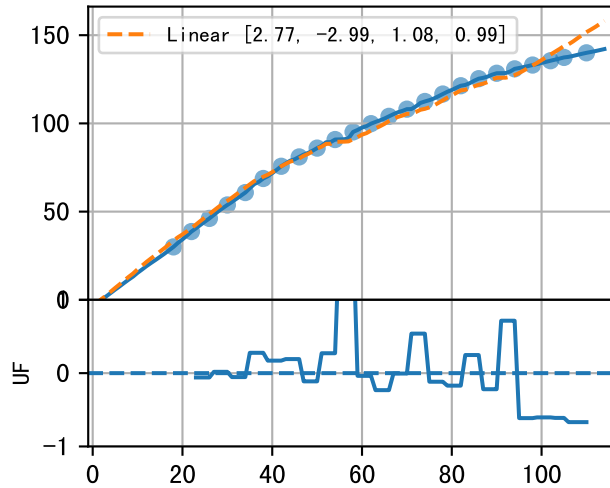
By Plant/Organ Age



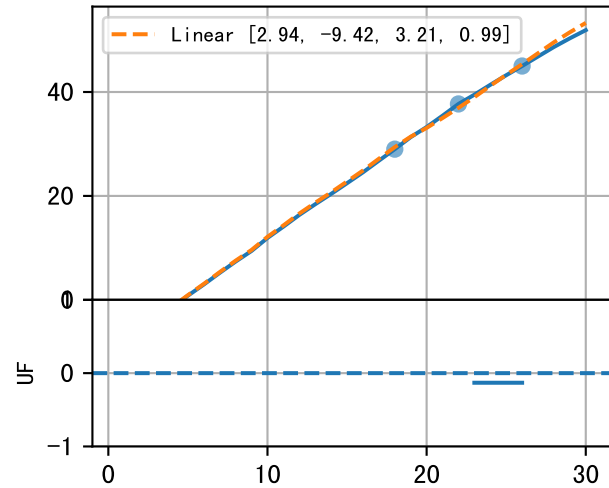
P10AE-081-12



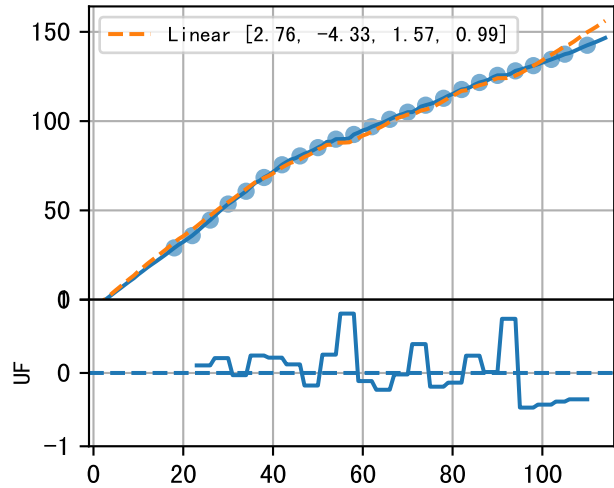
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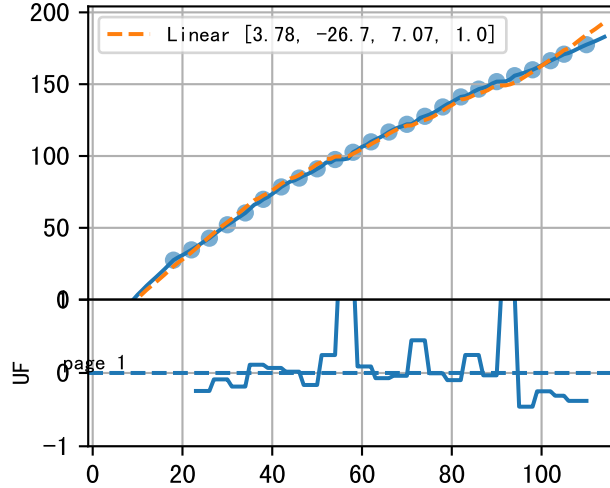
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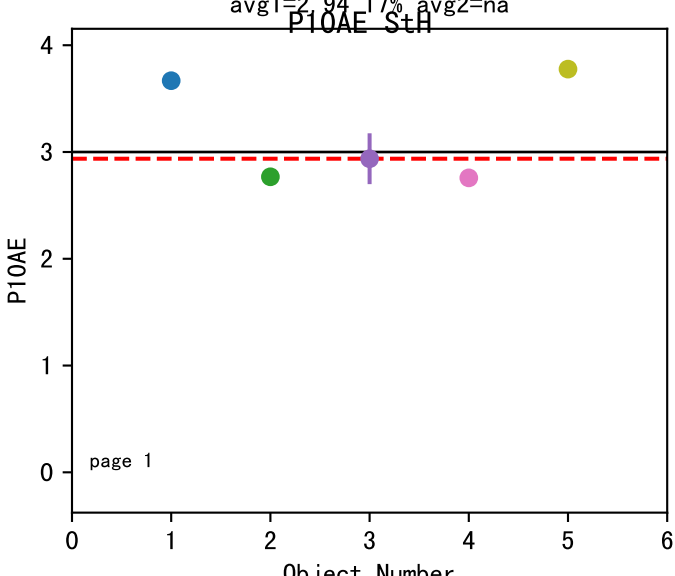


P10AE-103-32

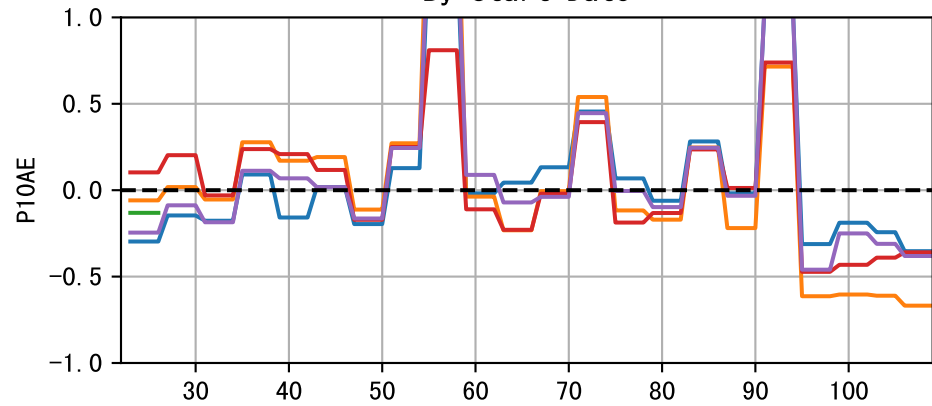


P10AE-114-7

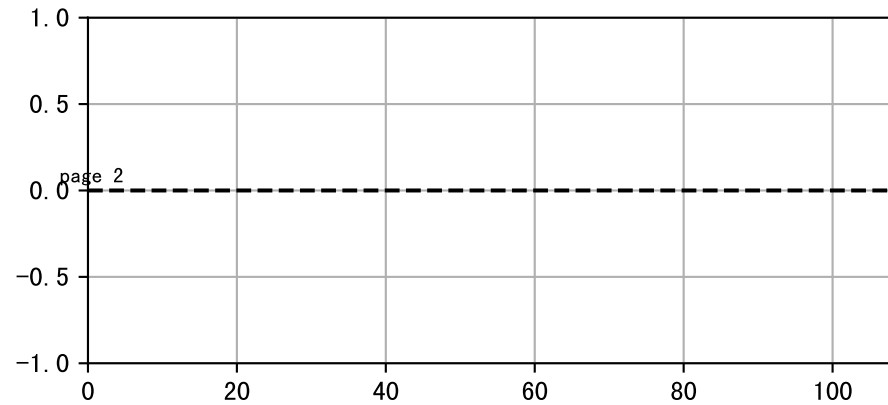
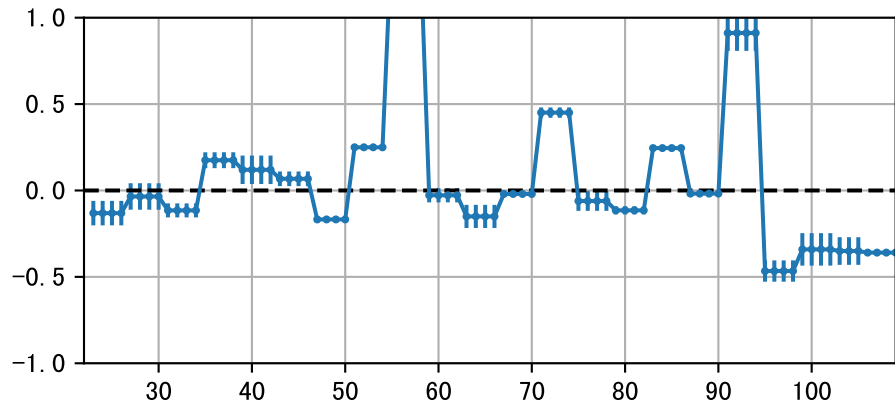
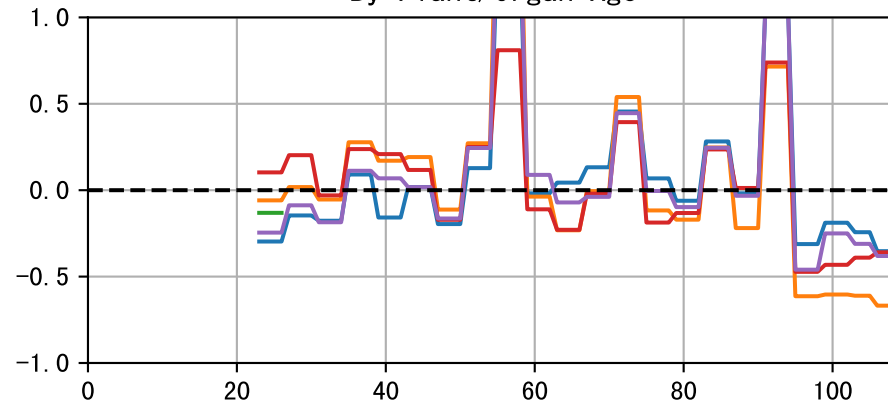




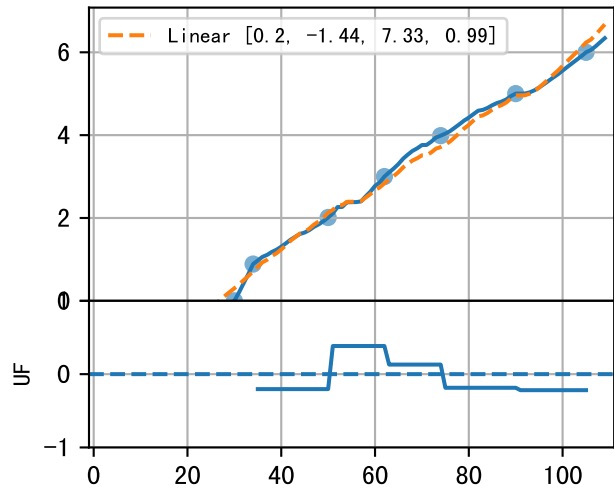
By Start Date



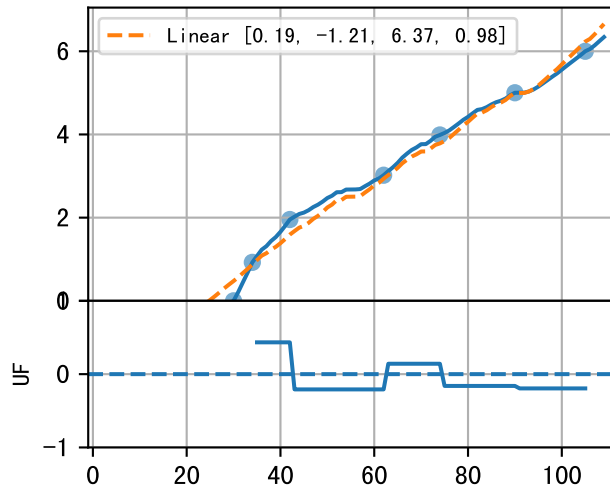
By Plant/Organ Age



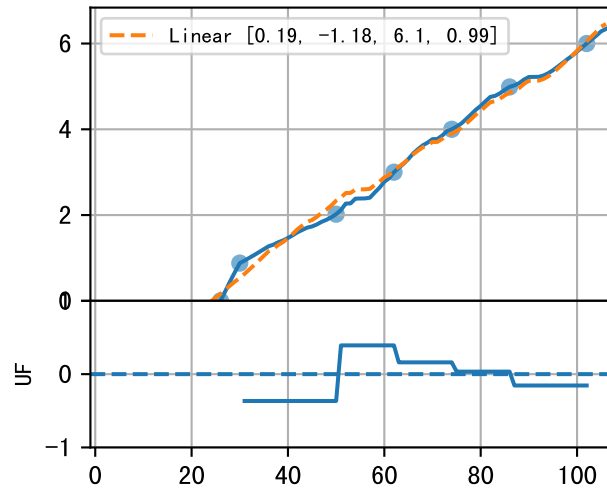
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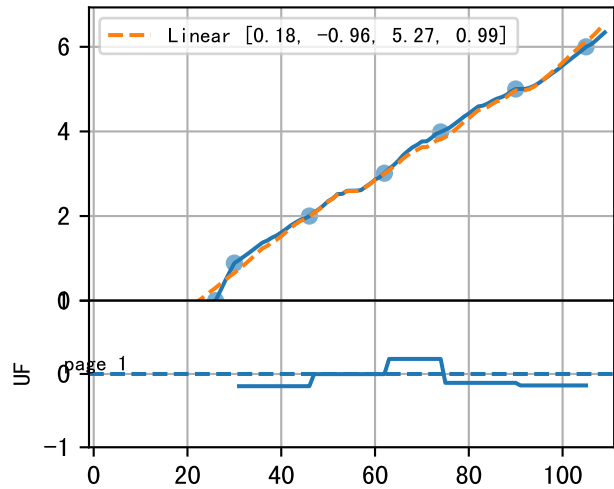
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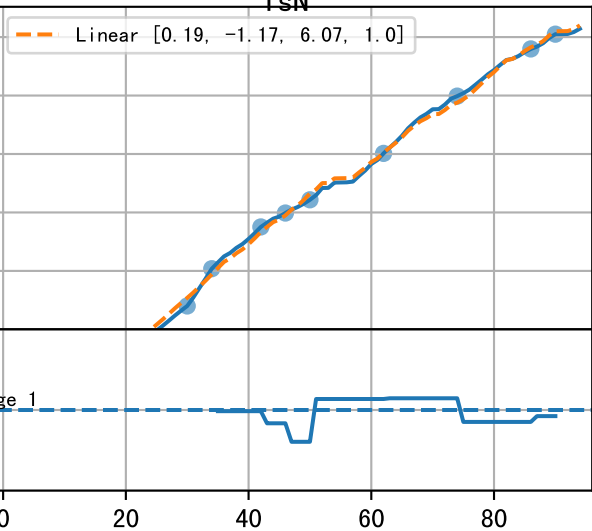
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P10AE-114-7



PIUAravg
TSN



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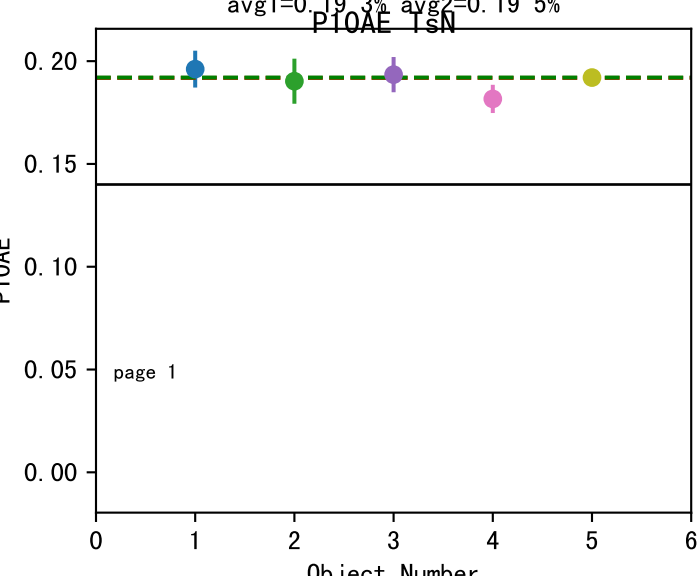
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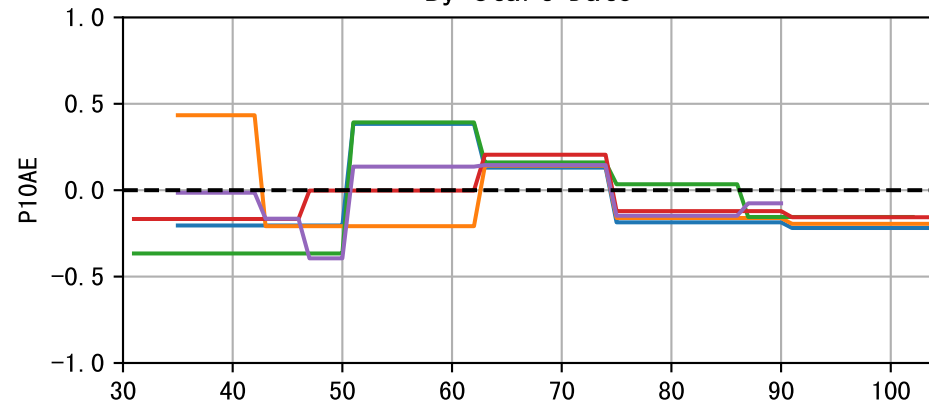
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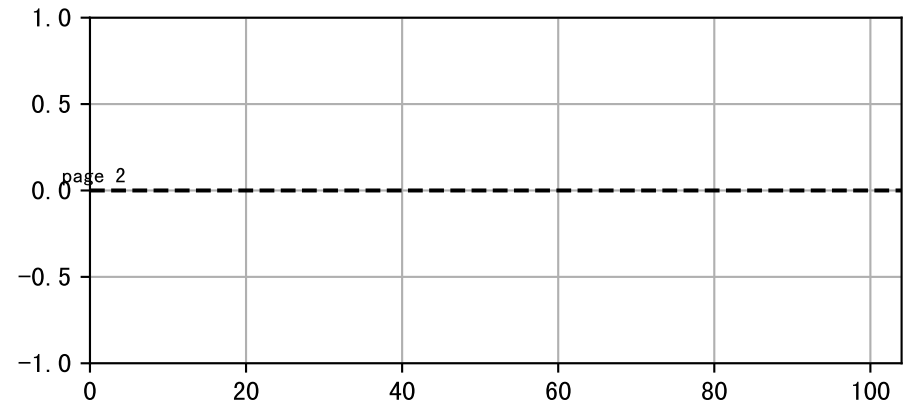
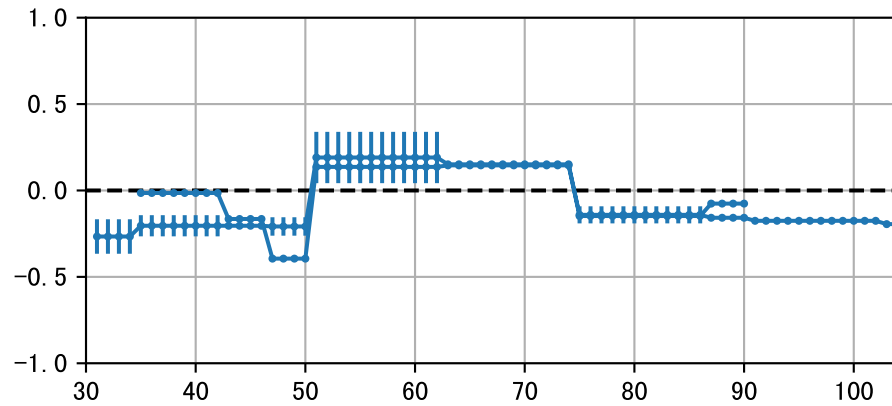
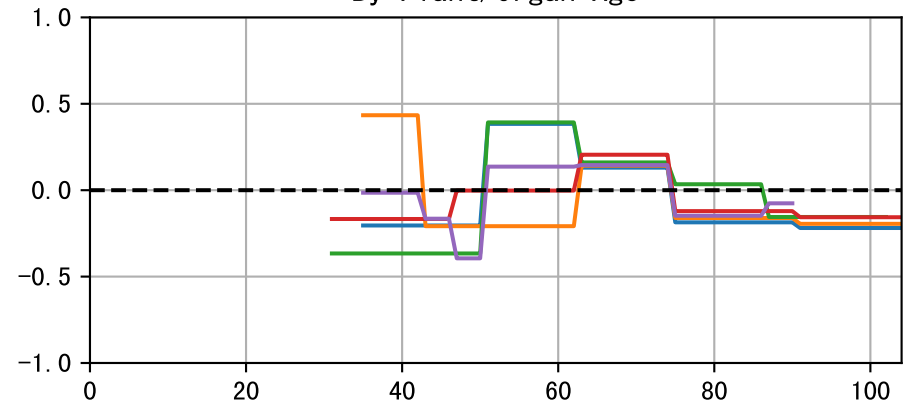
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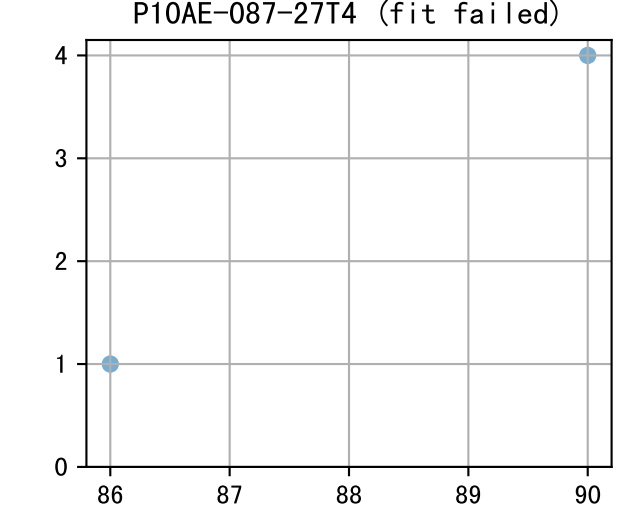
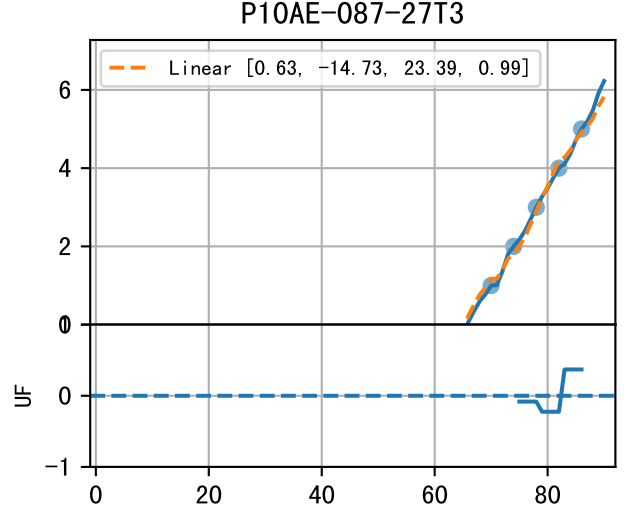
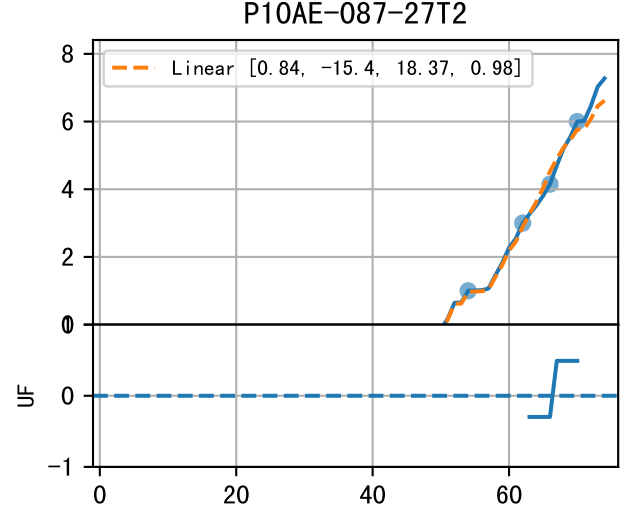
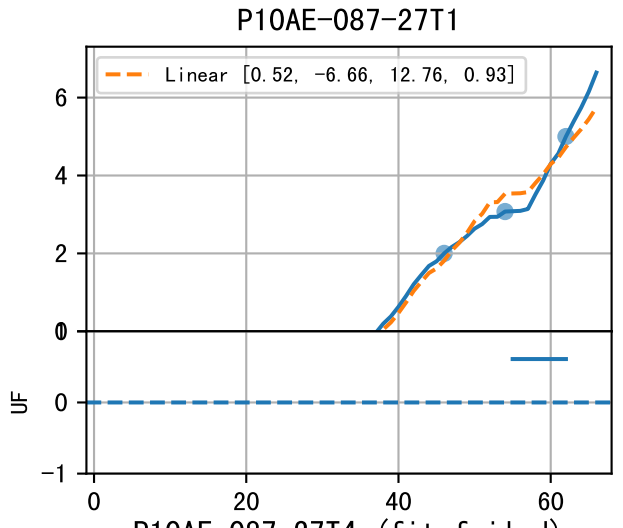
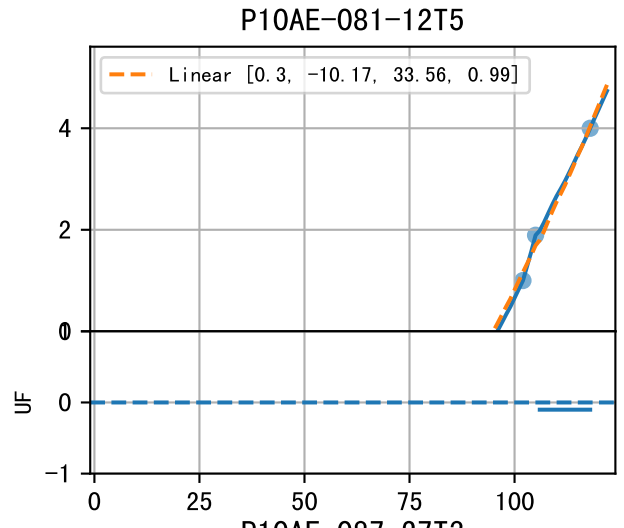
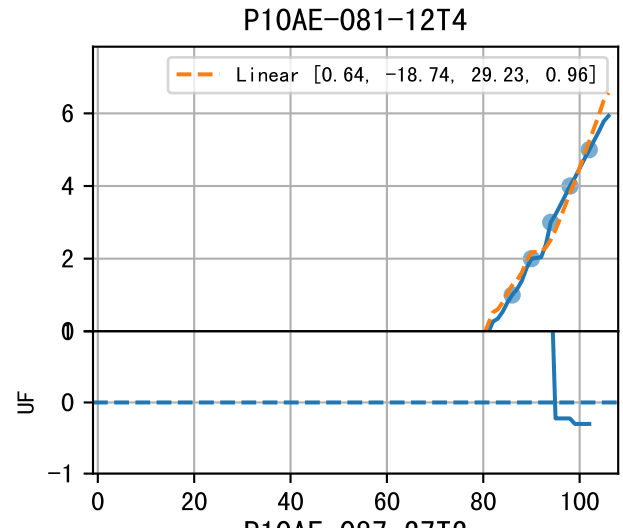
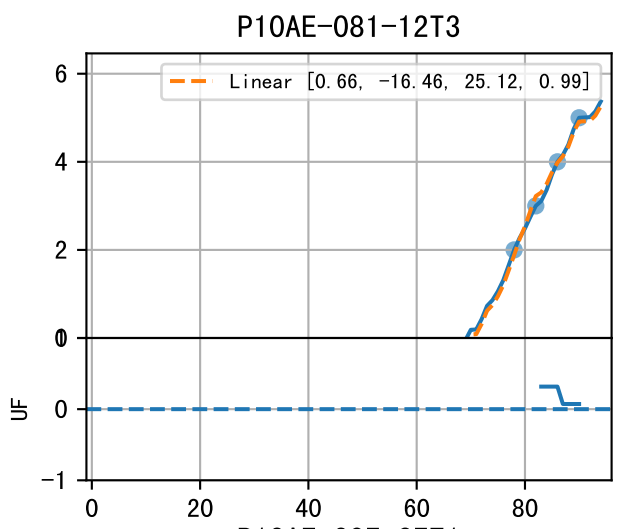
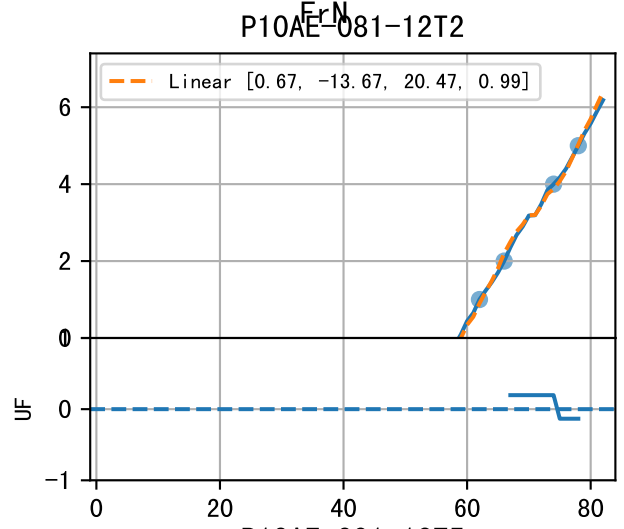
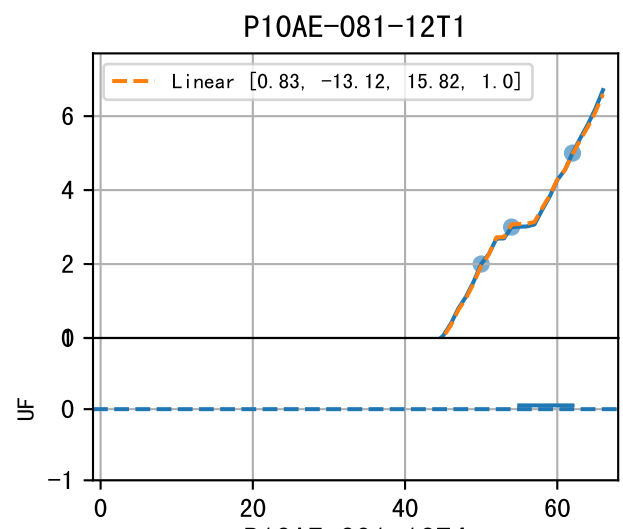
By Start Date



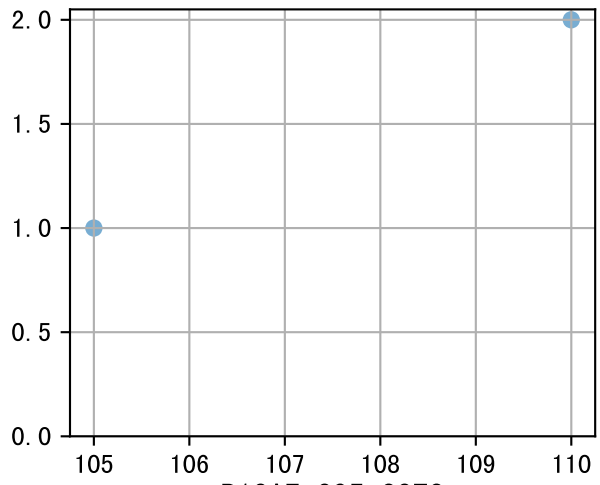
By Plant/Organ Age



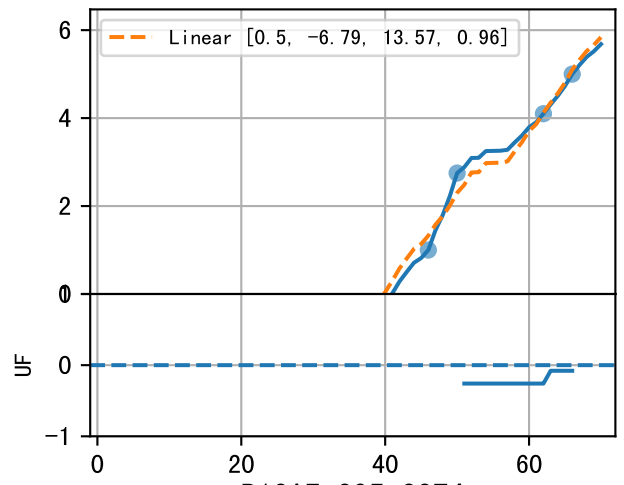
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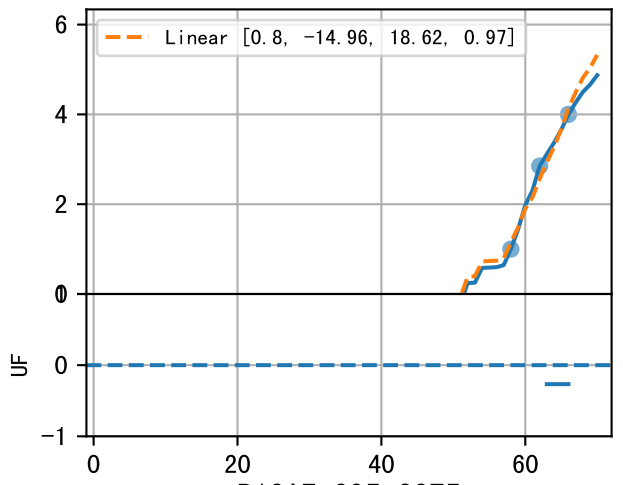
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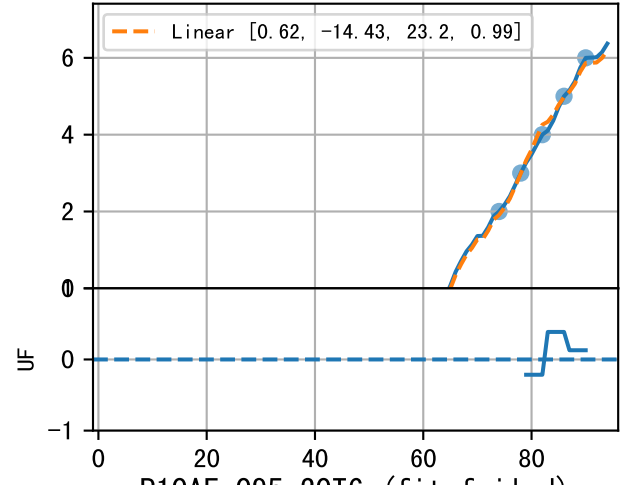
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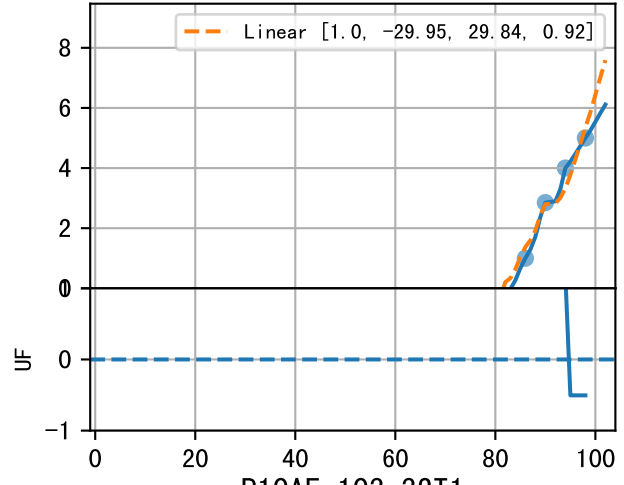
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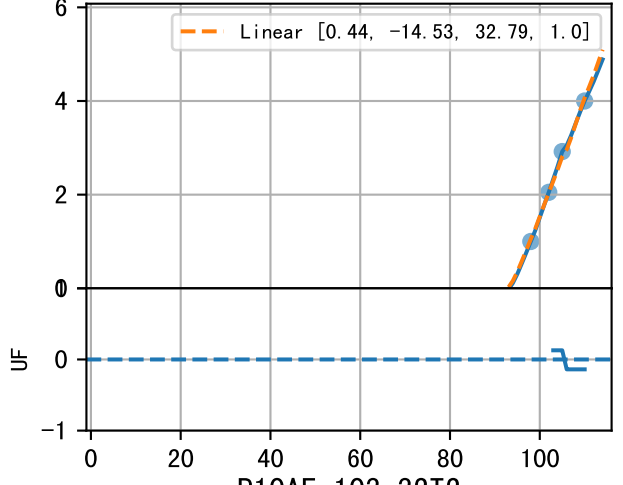
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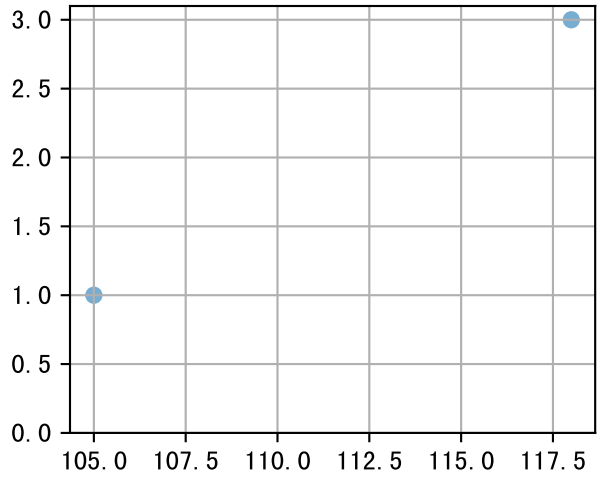
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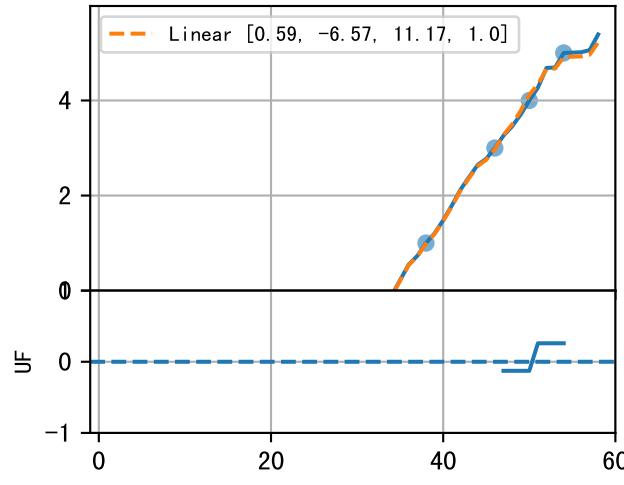
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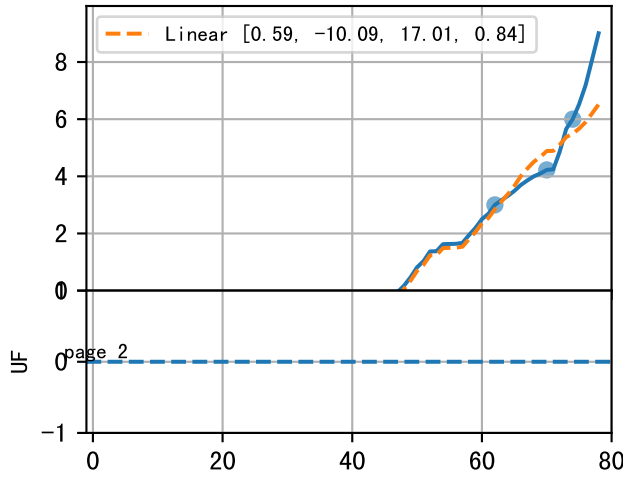
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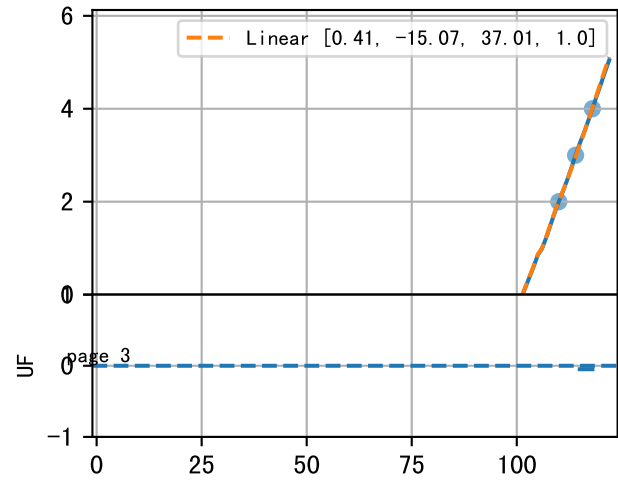
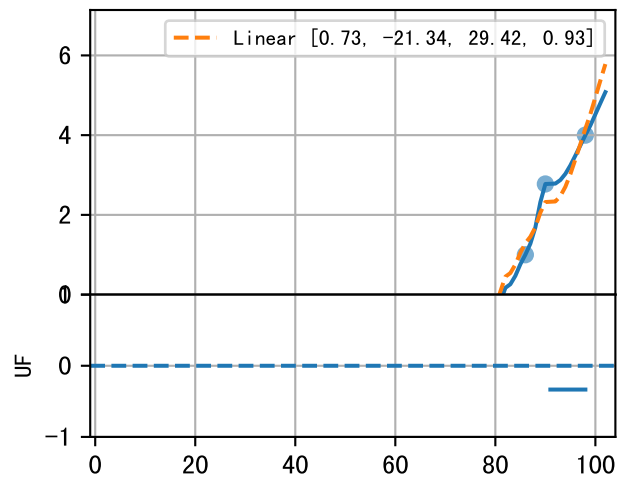
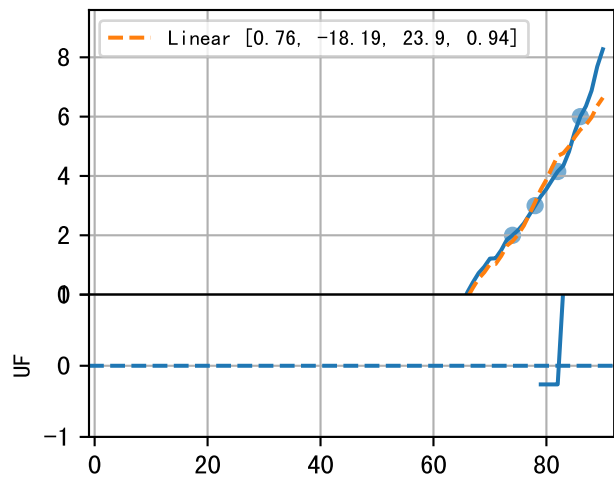
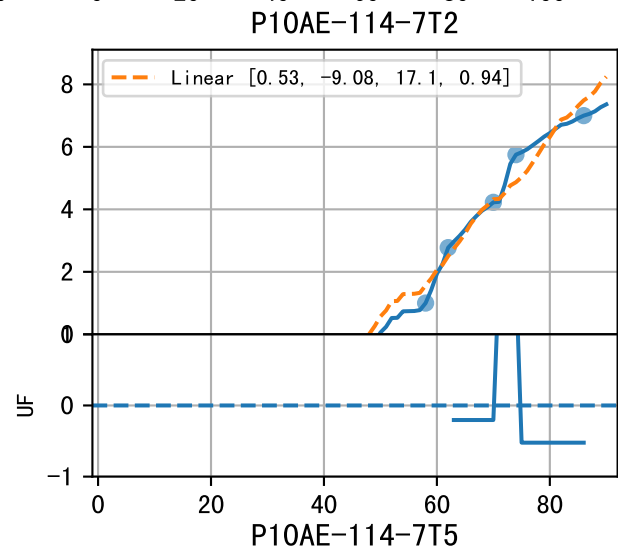
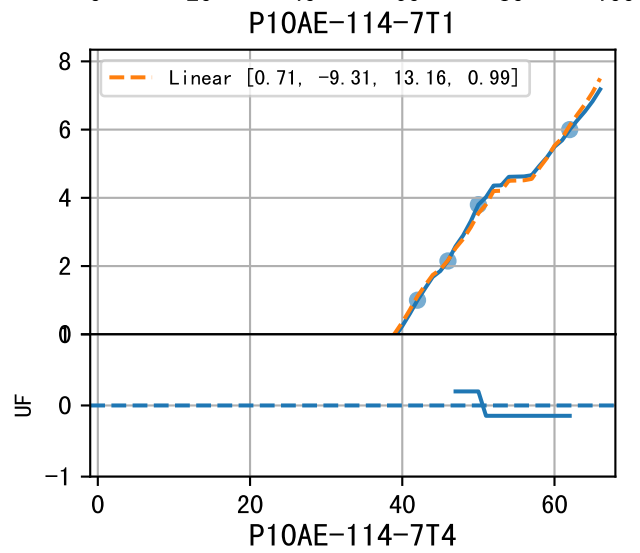
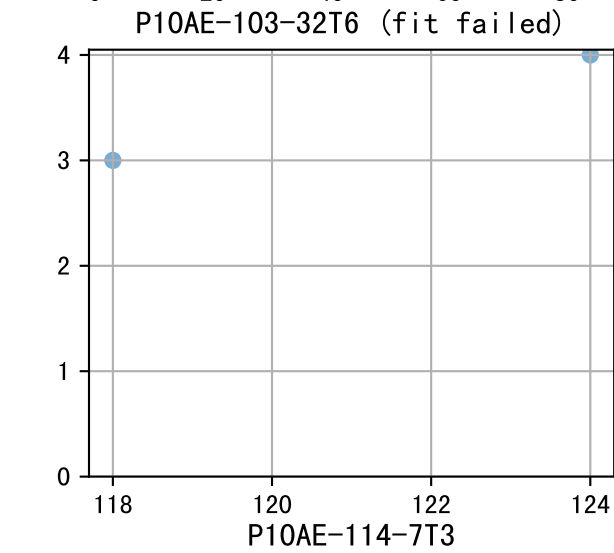
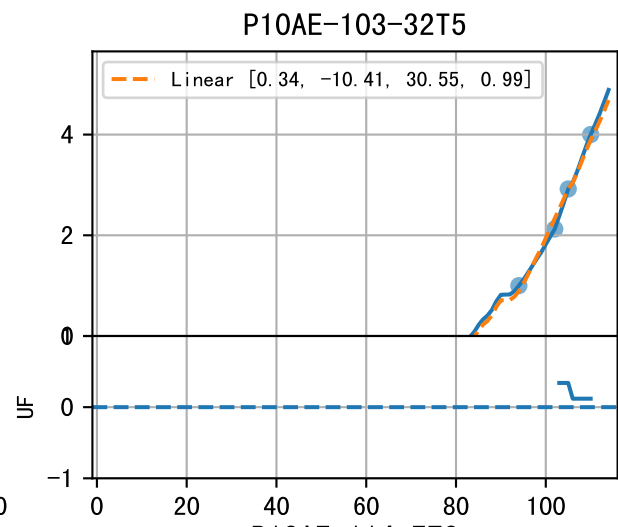
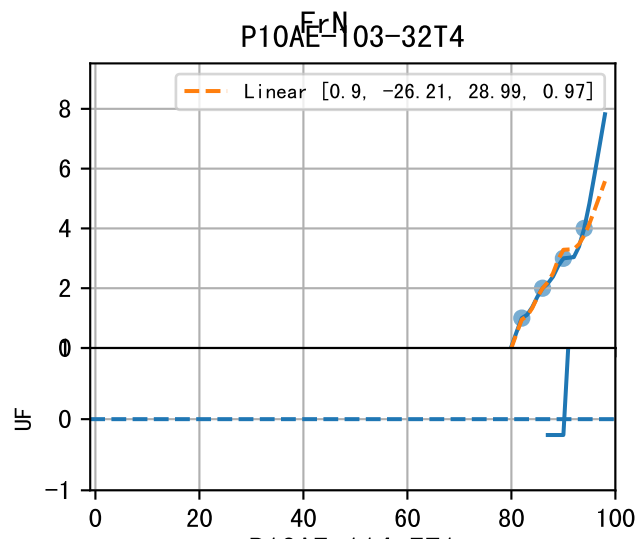
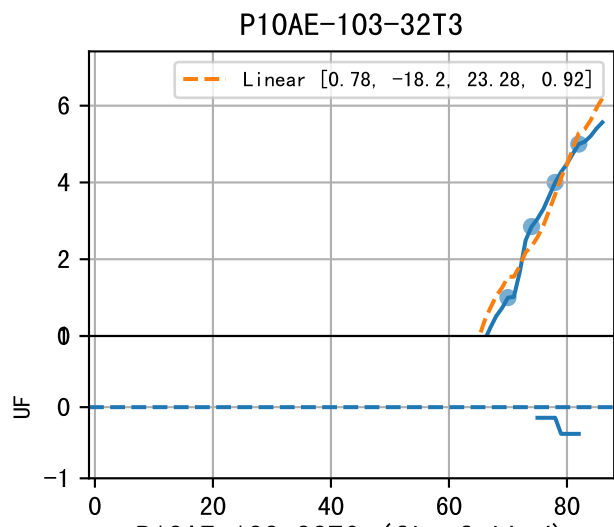


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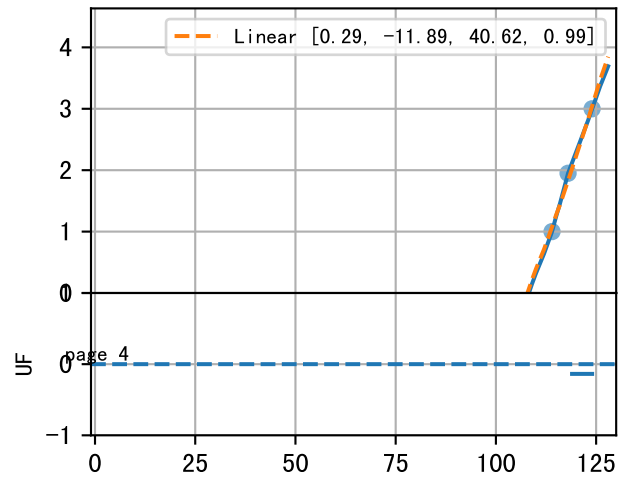
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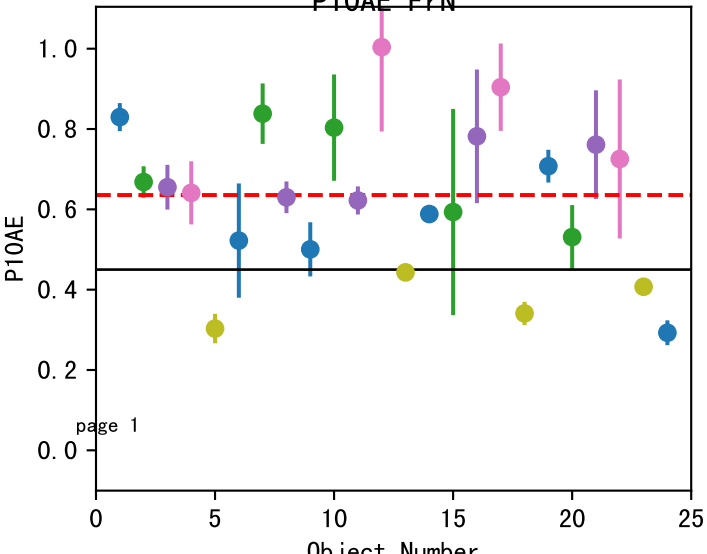


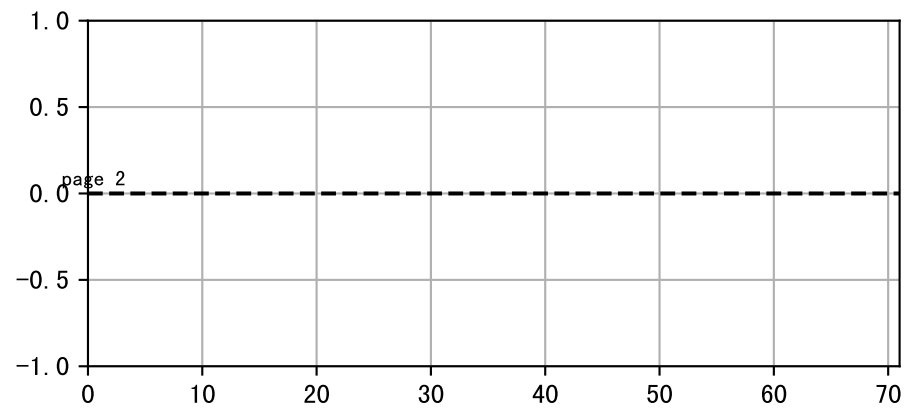
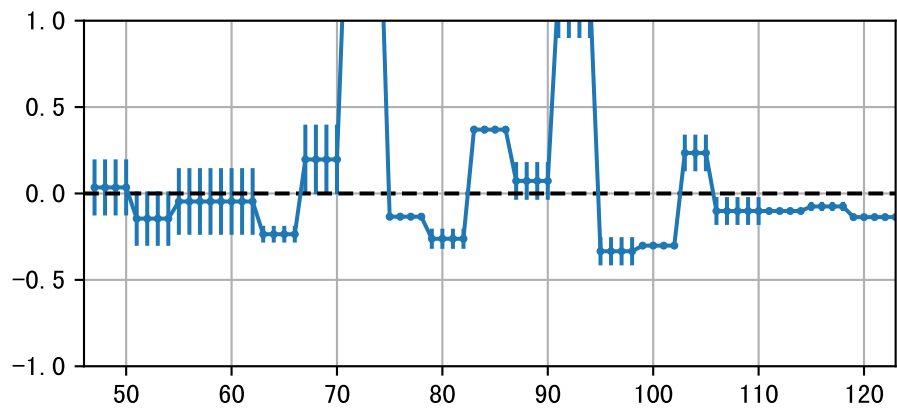
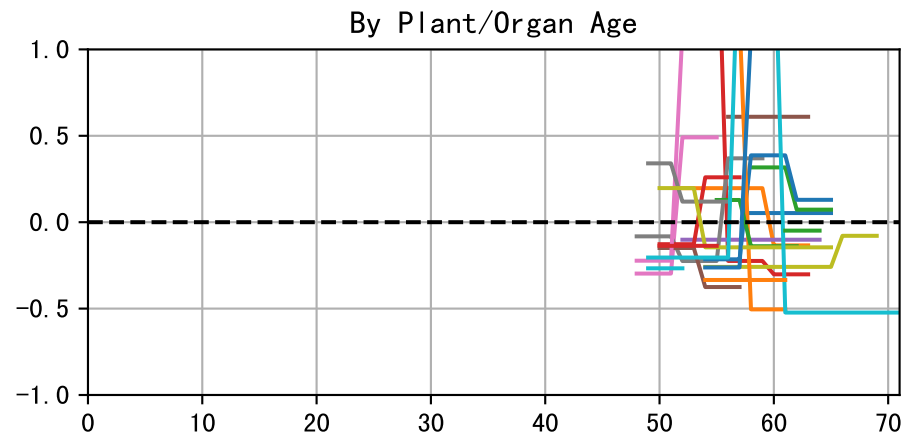
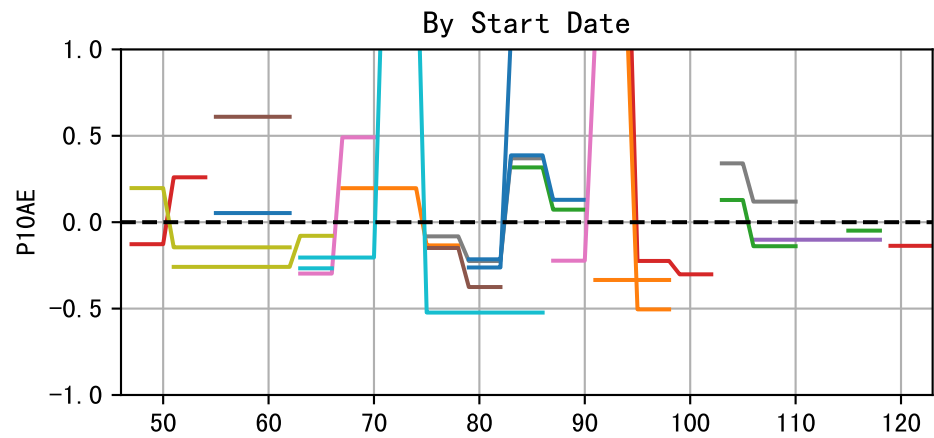
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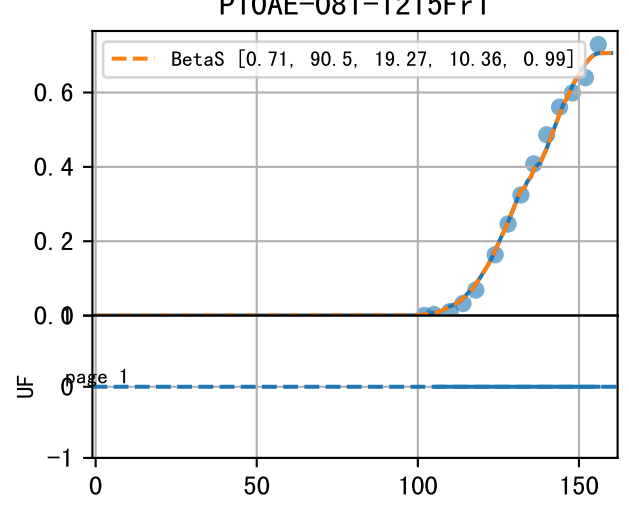
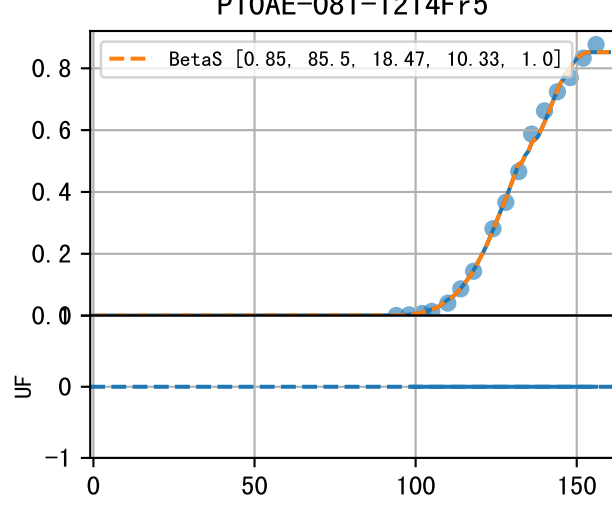
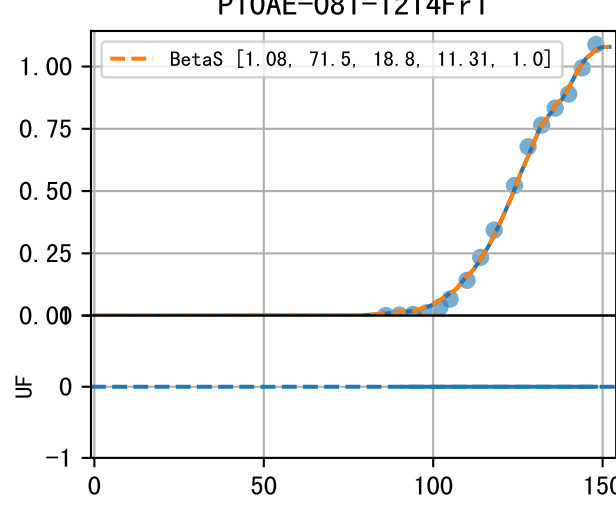
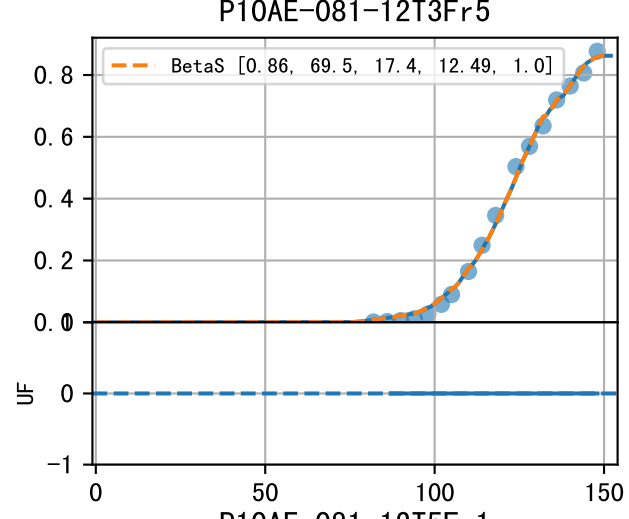
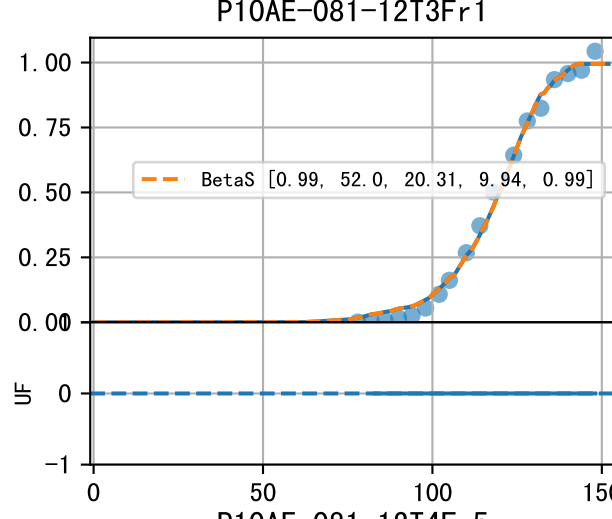
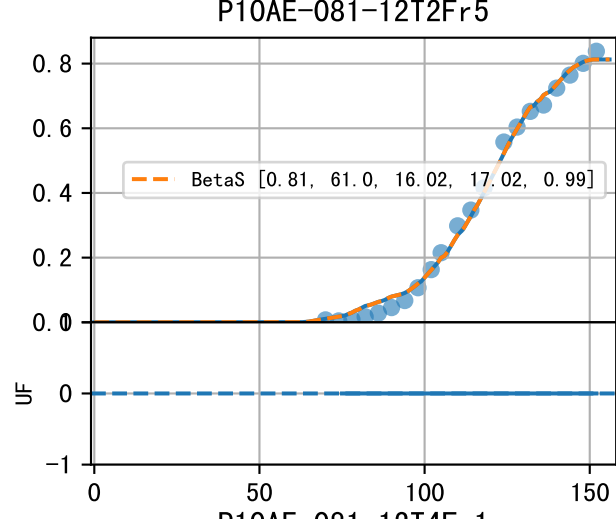
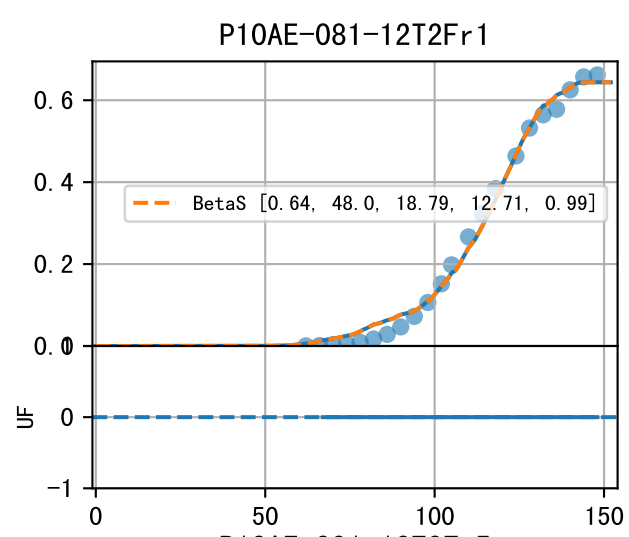
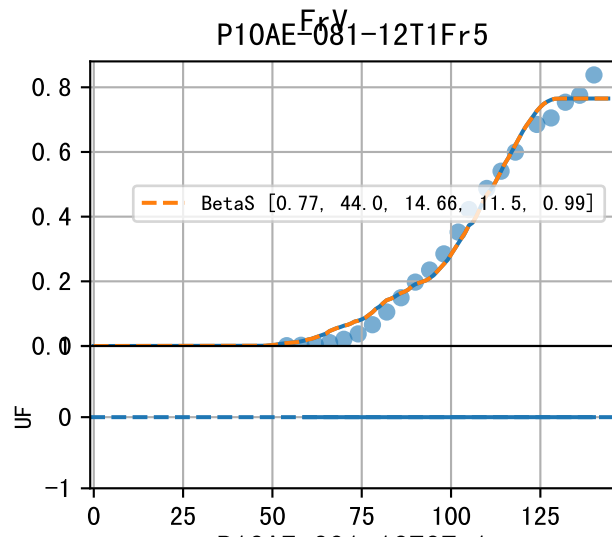
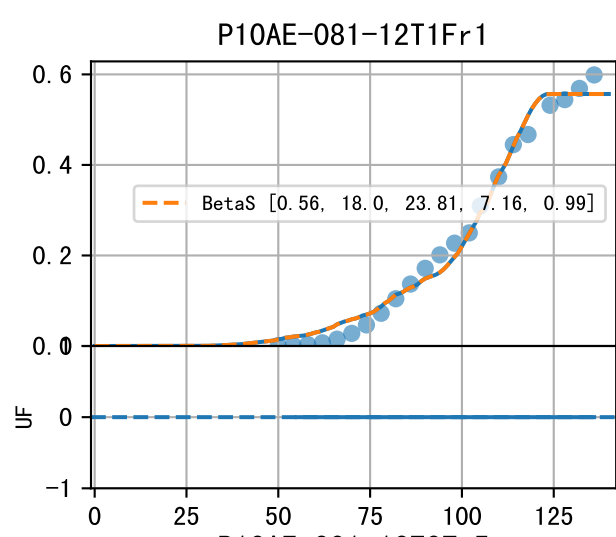
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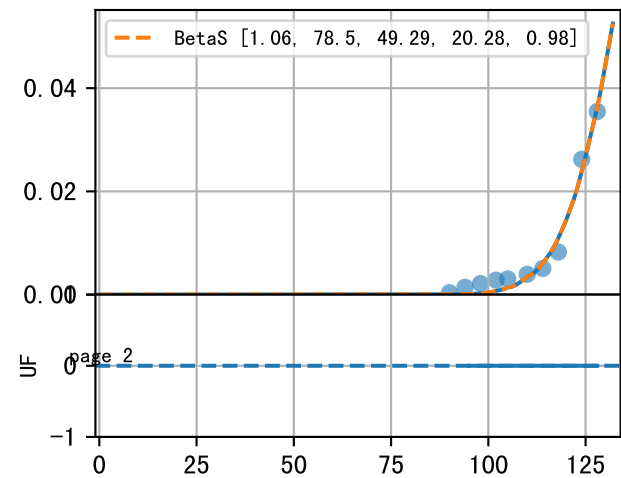
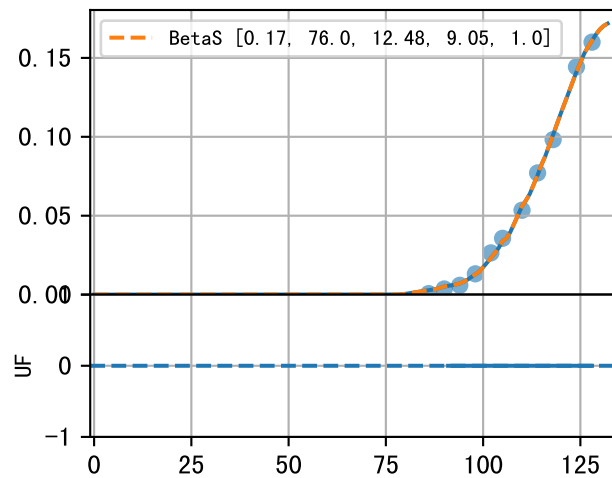
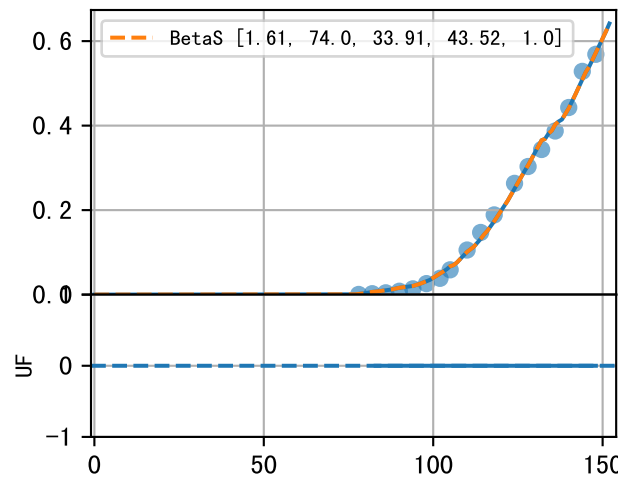
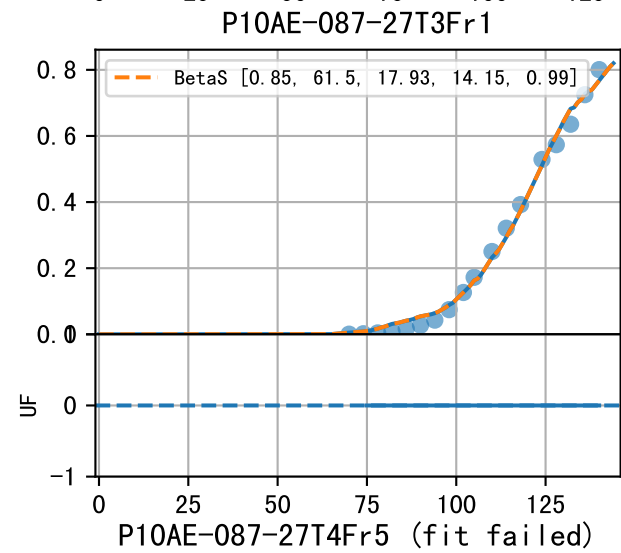
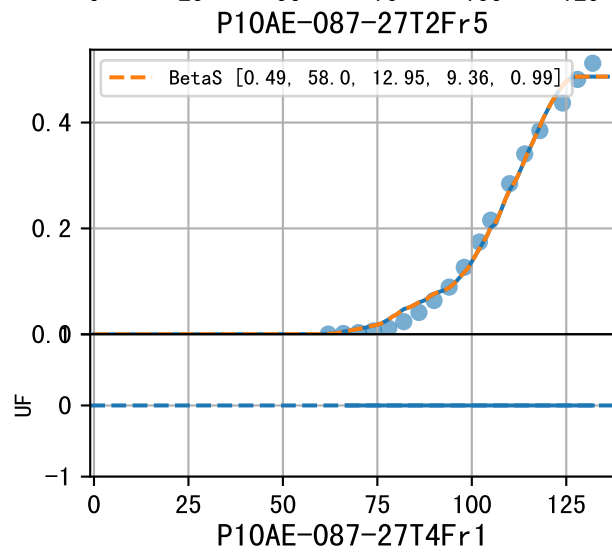
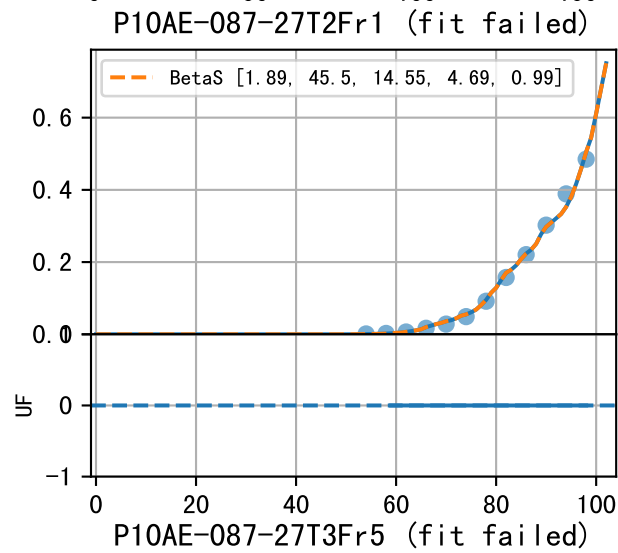
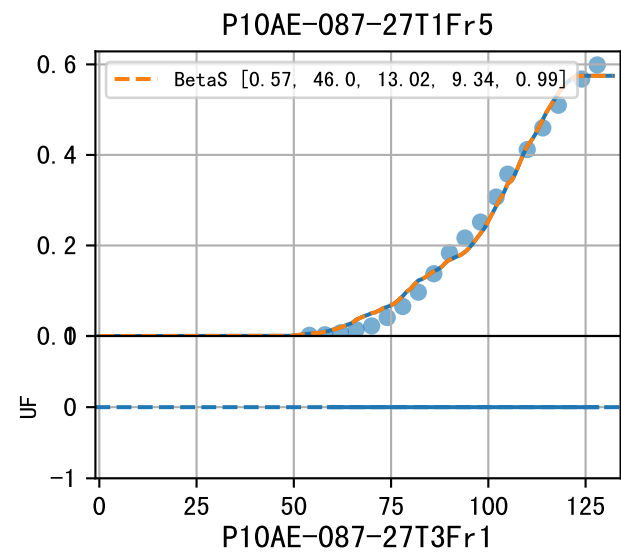
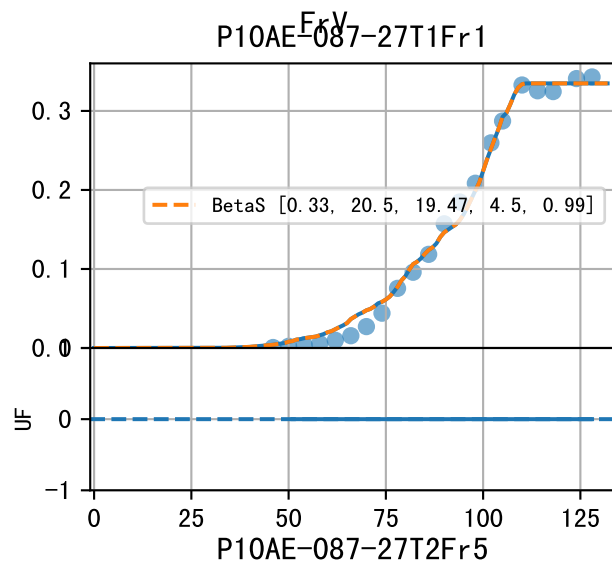
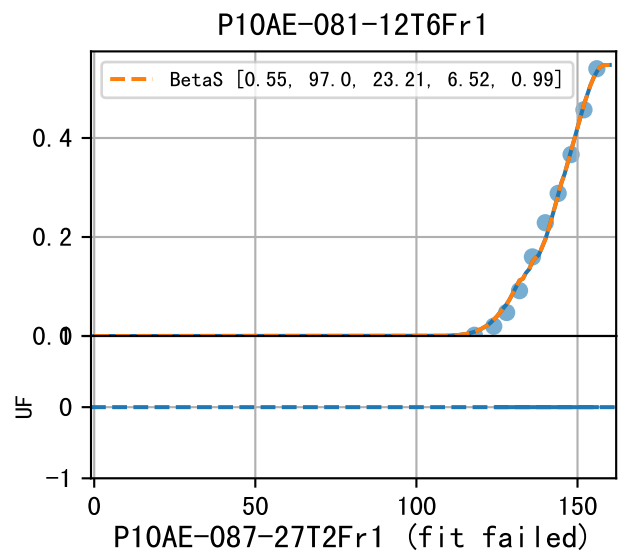


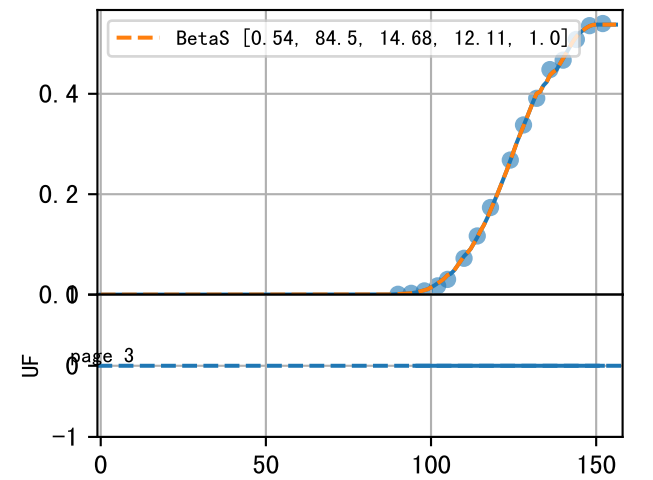
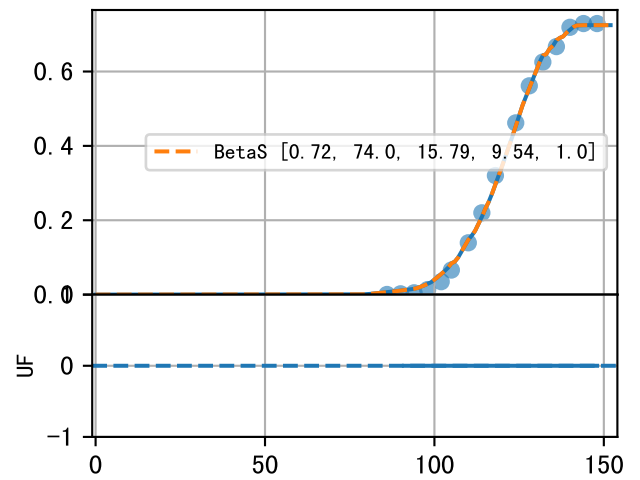
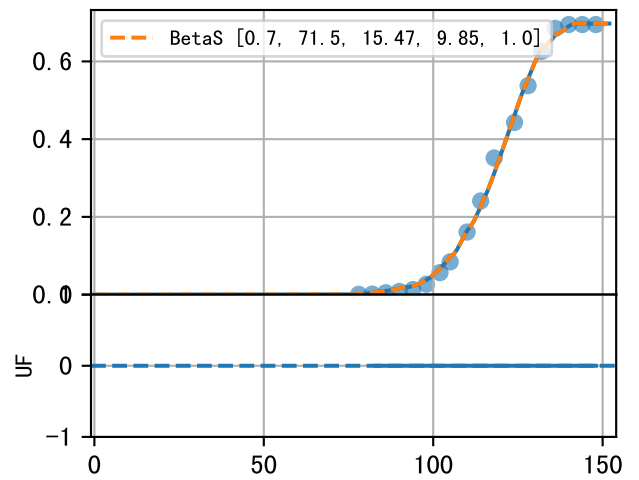
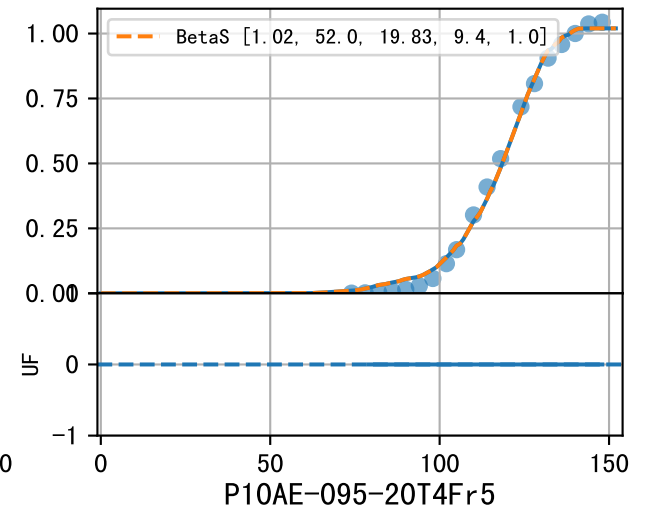
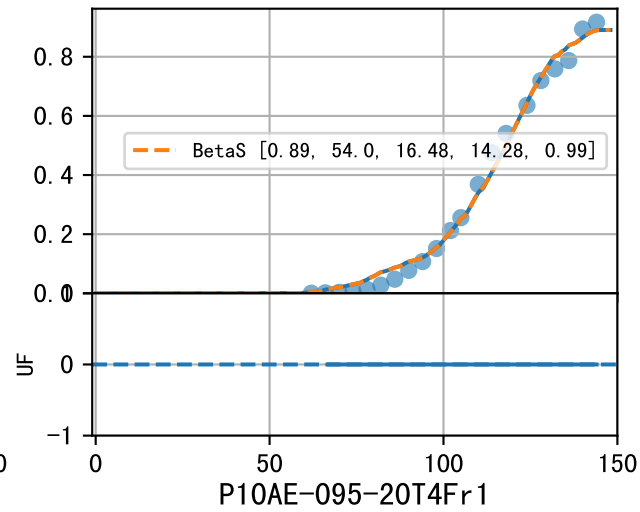
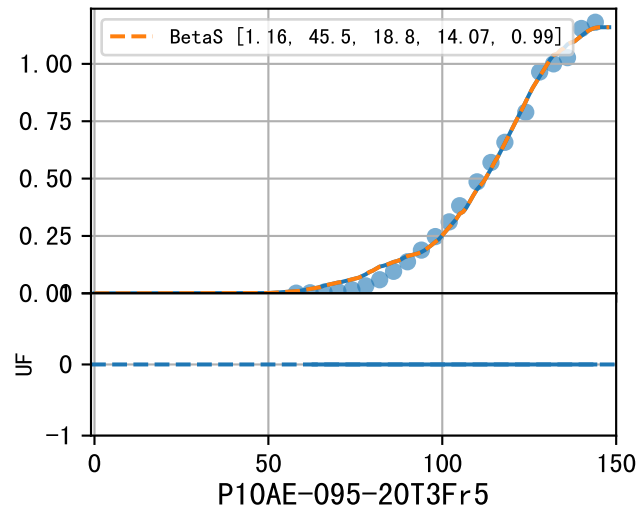
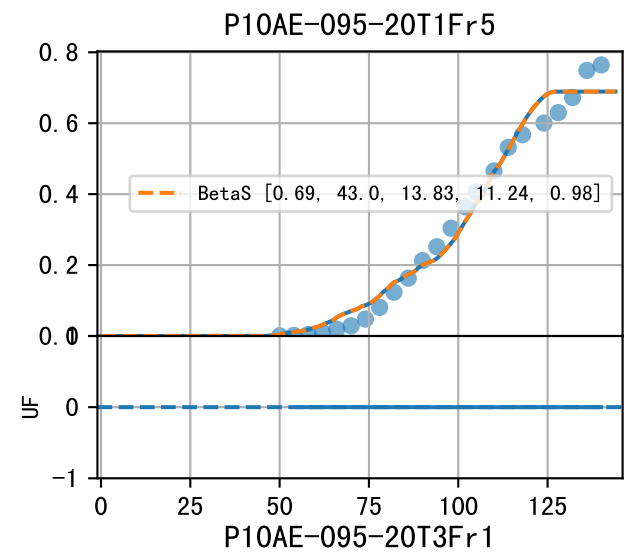
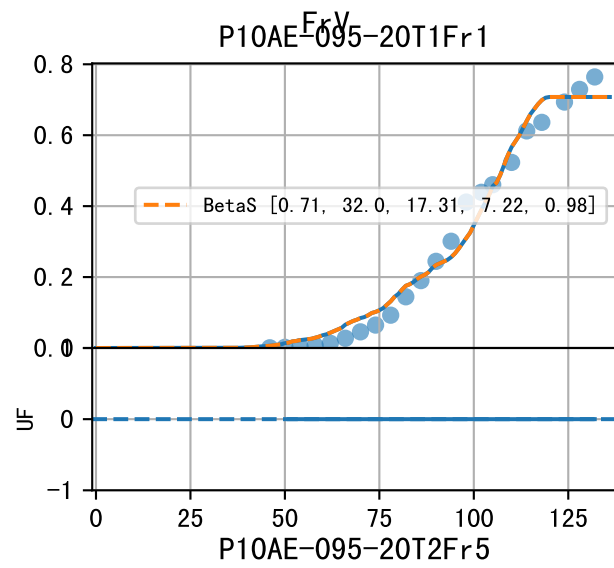
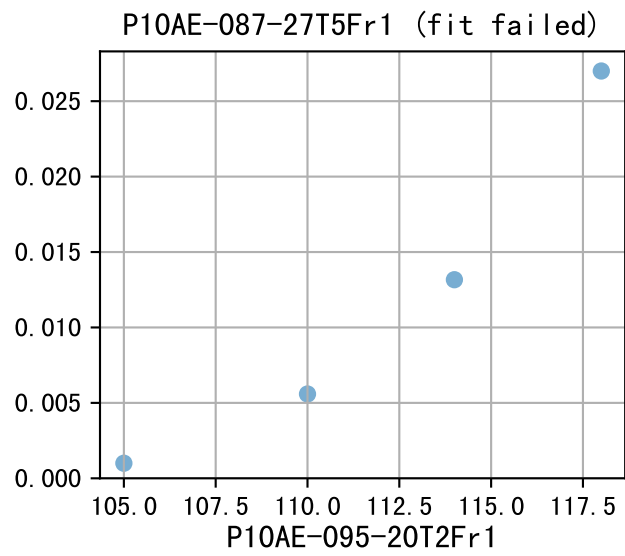
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P10AE FrN

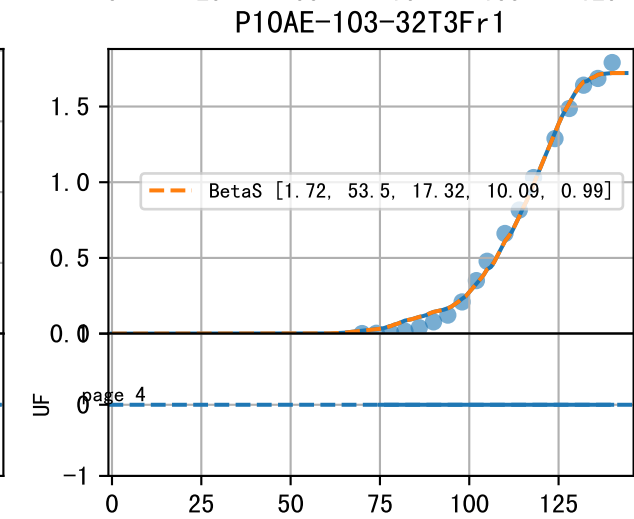
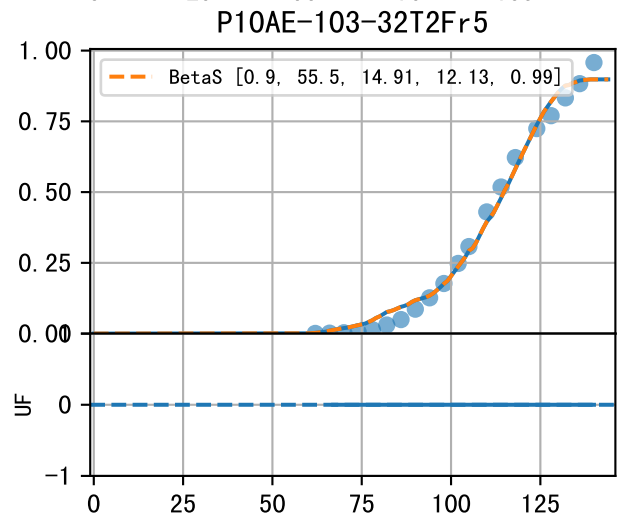
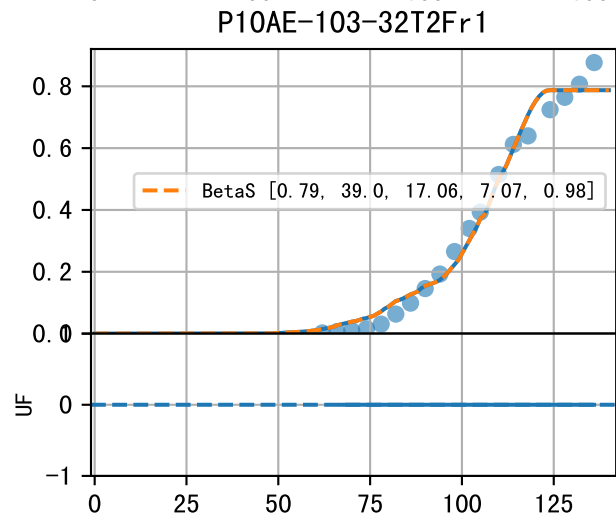
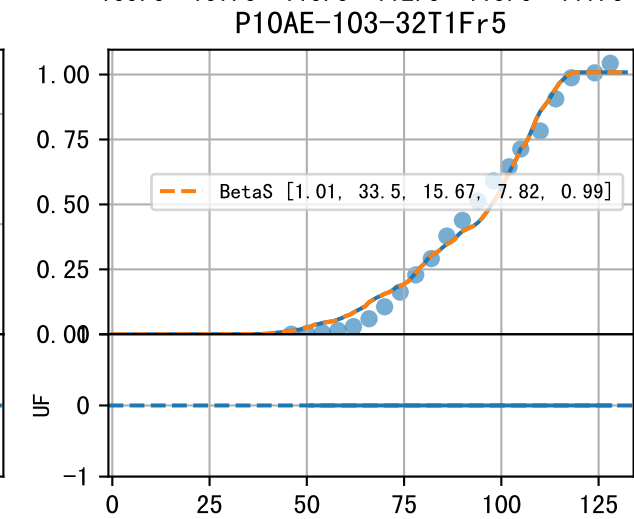
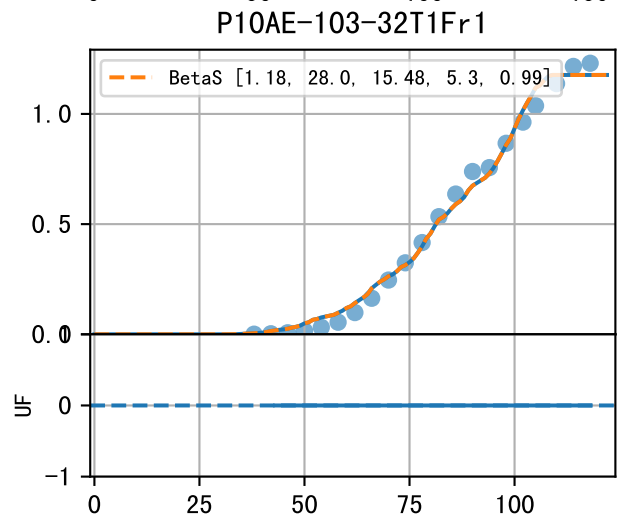
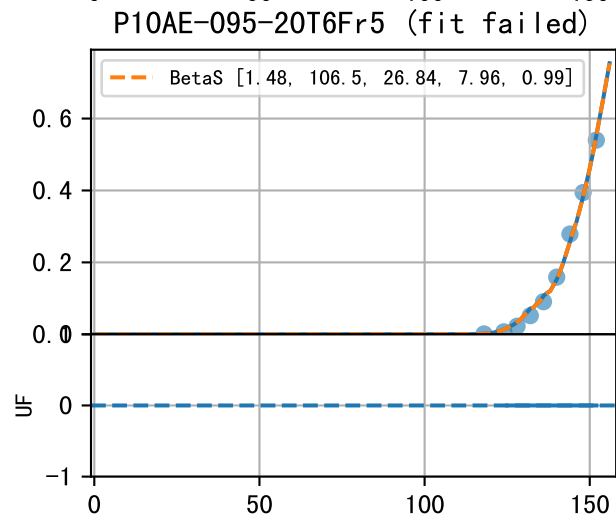
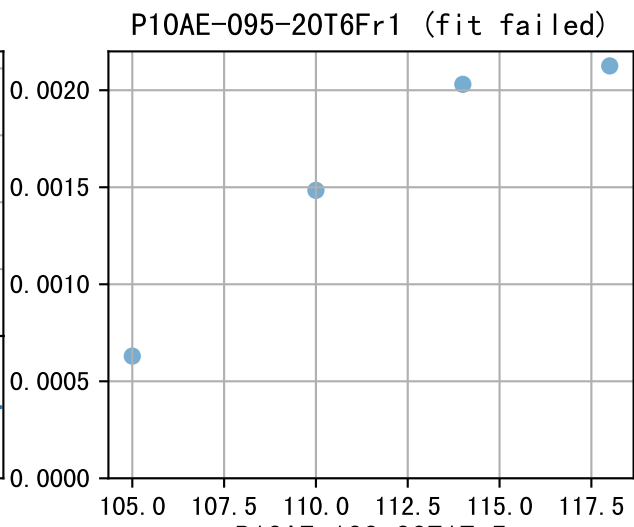
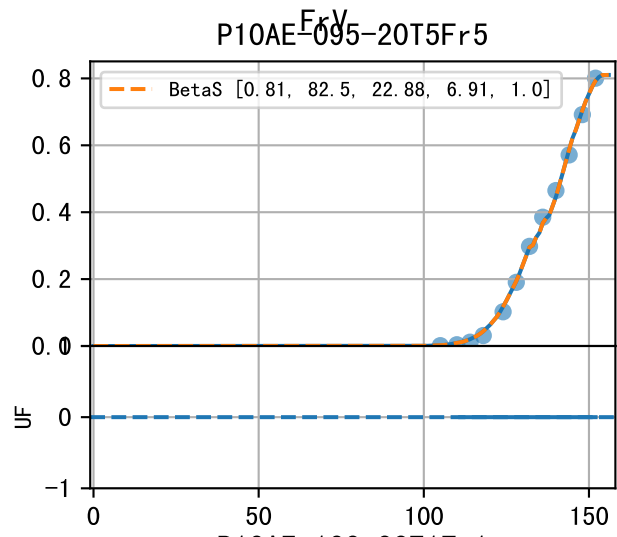
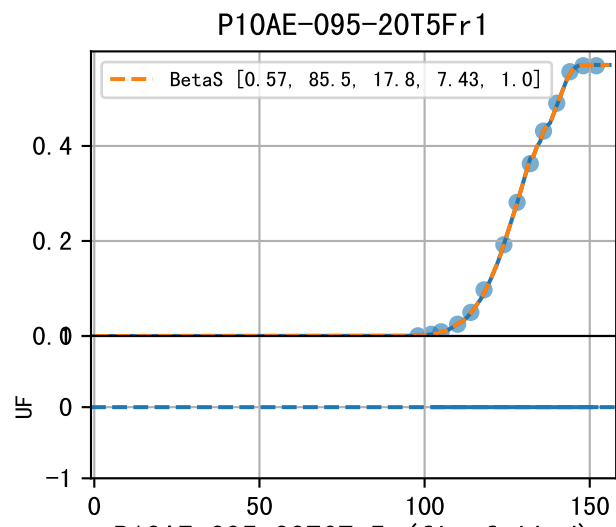


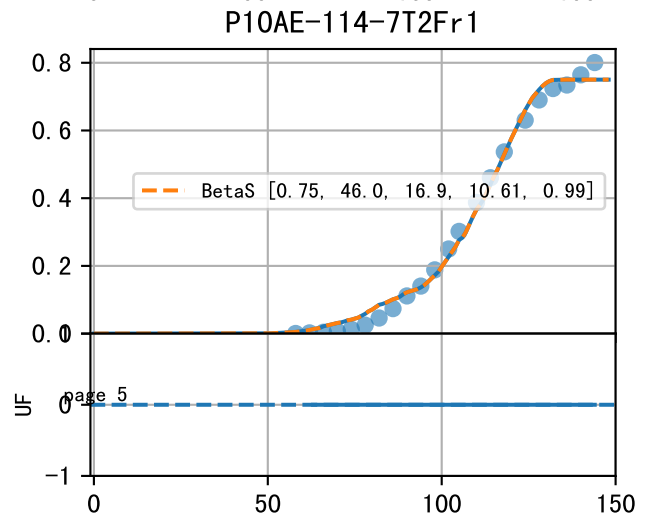
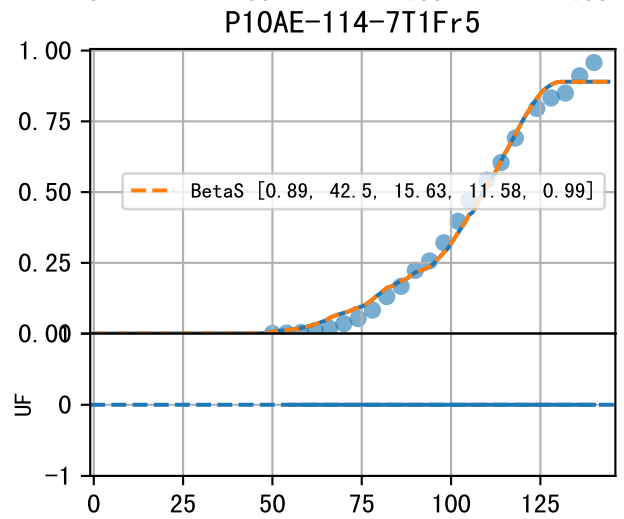
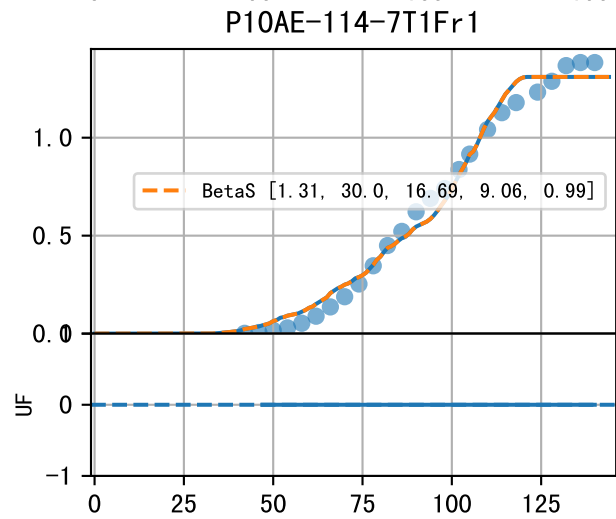
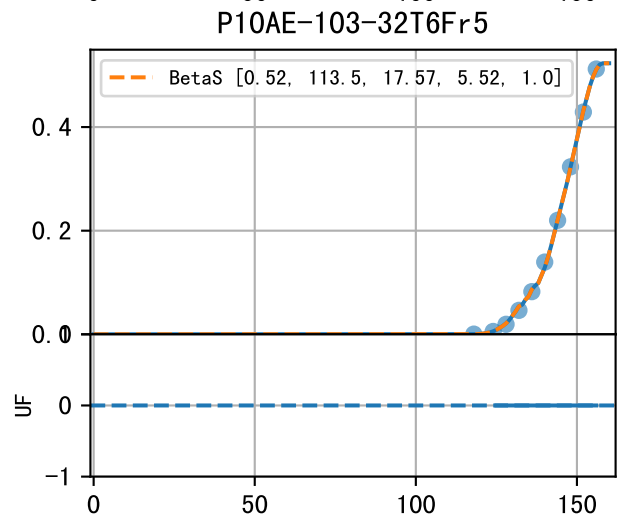
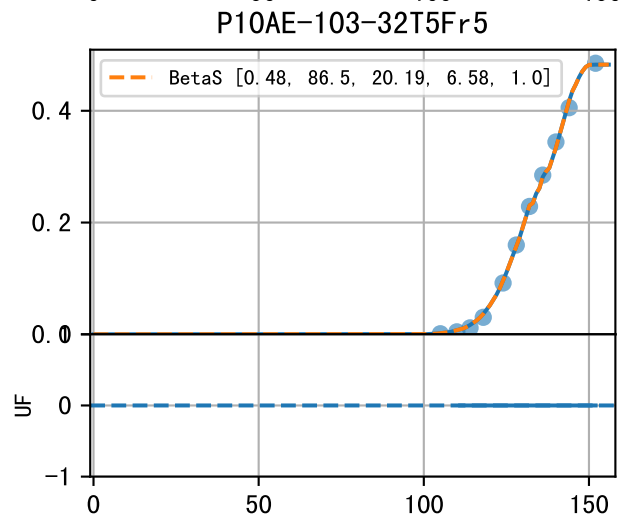
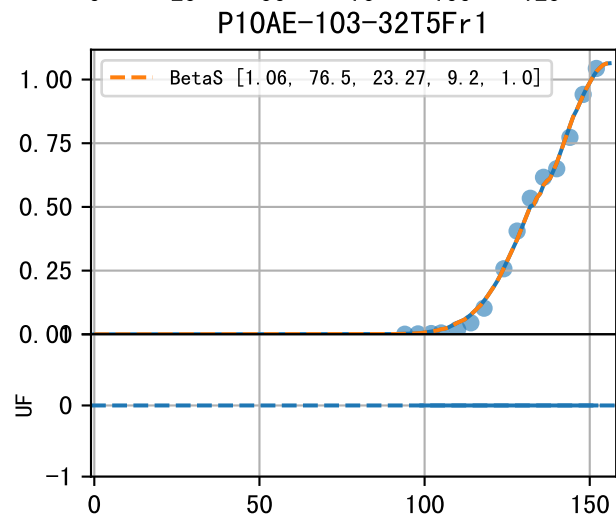
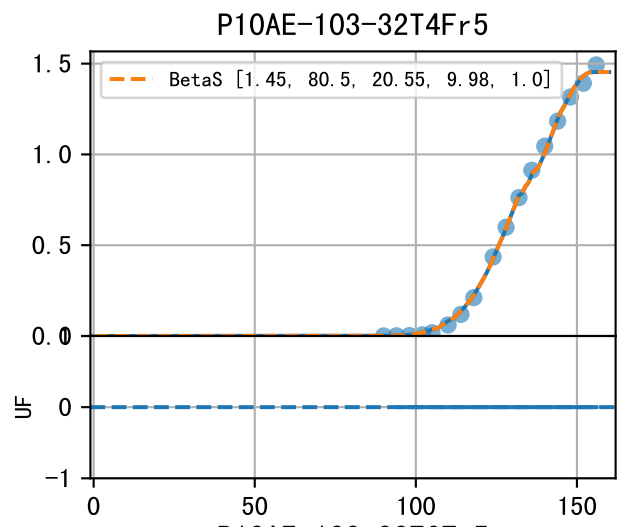
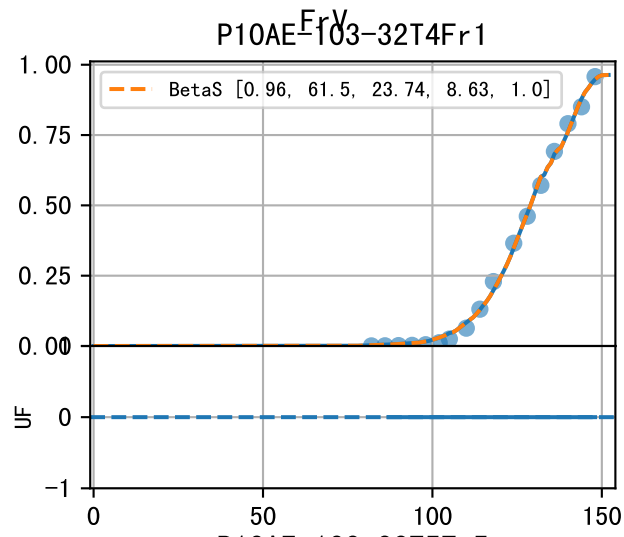
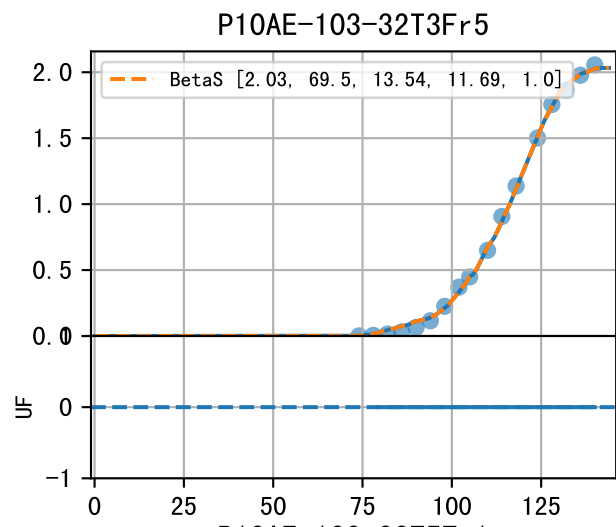


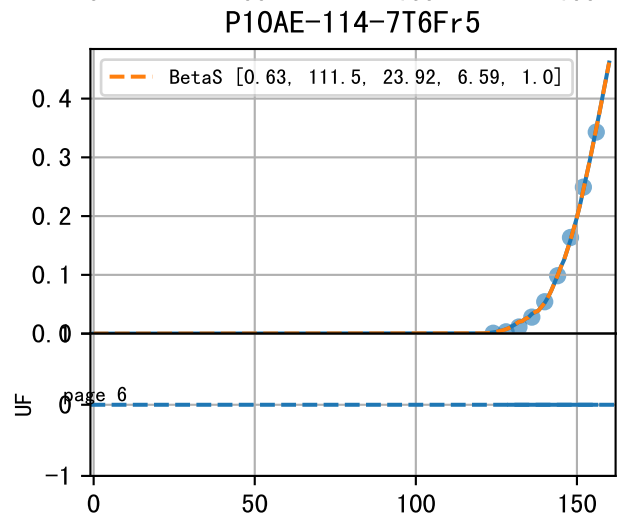
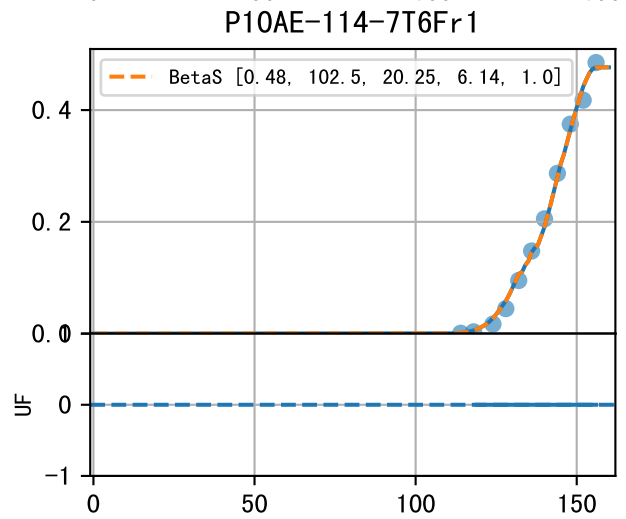
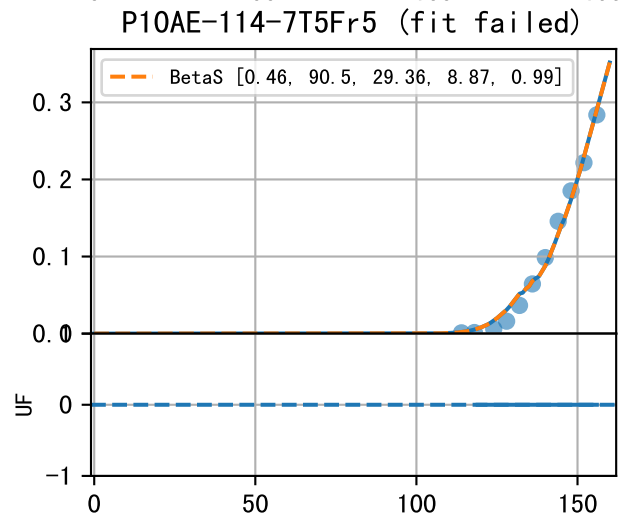
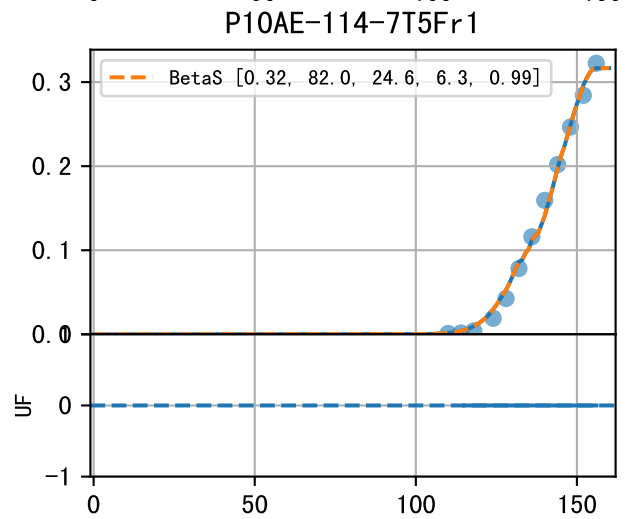
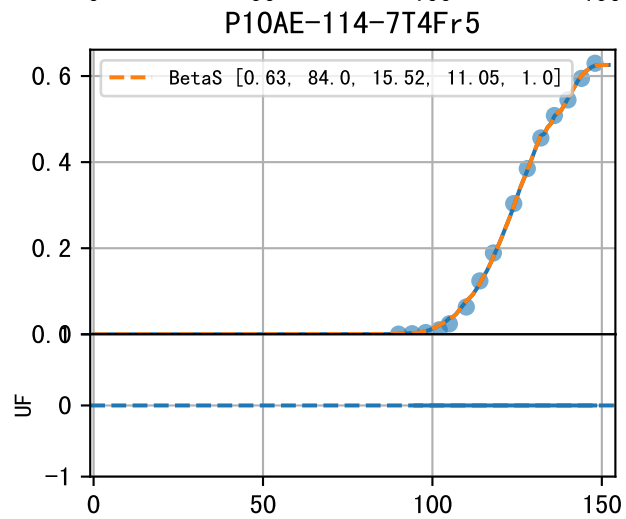
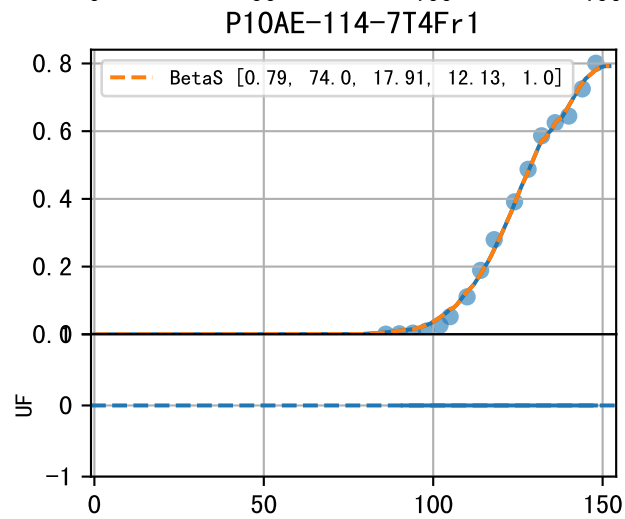
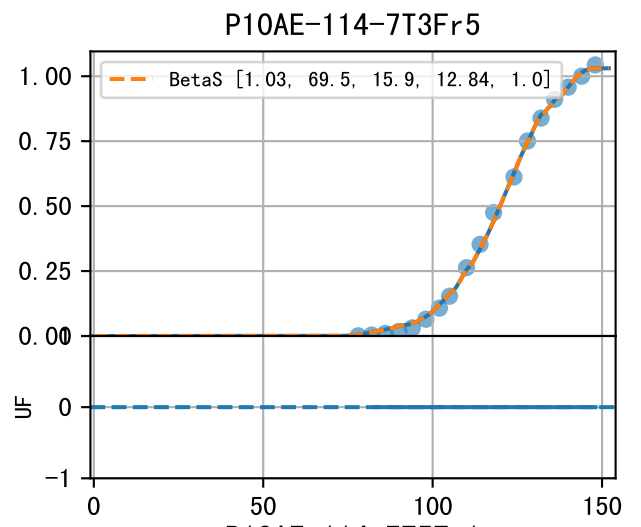
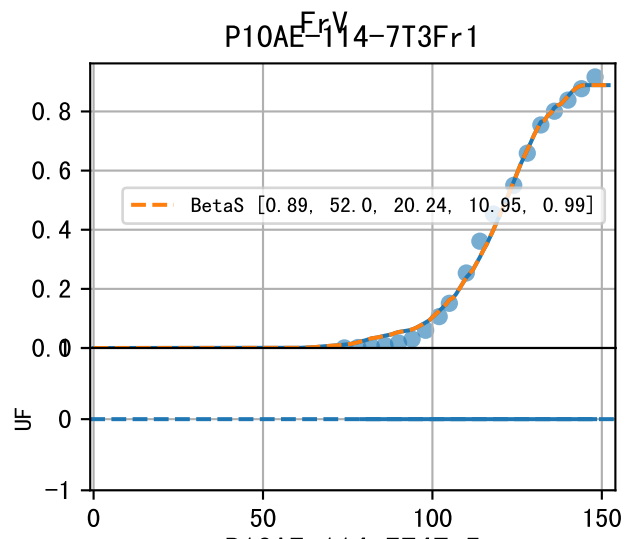
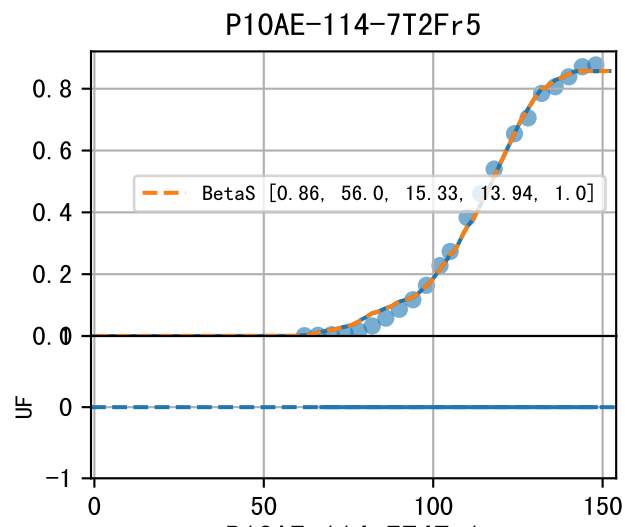




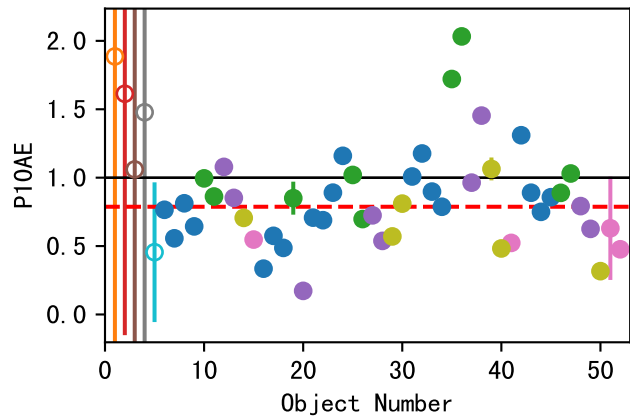




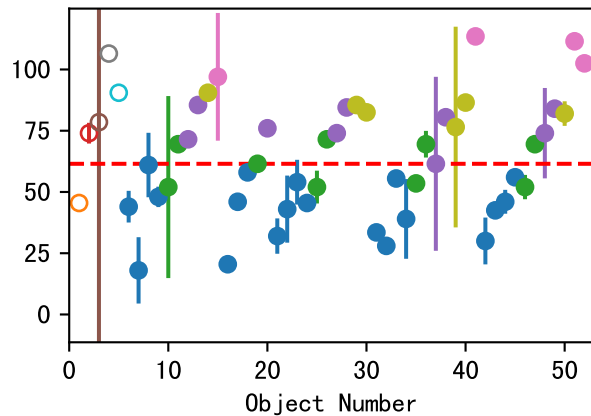




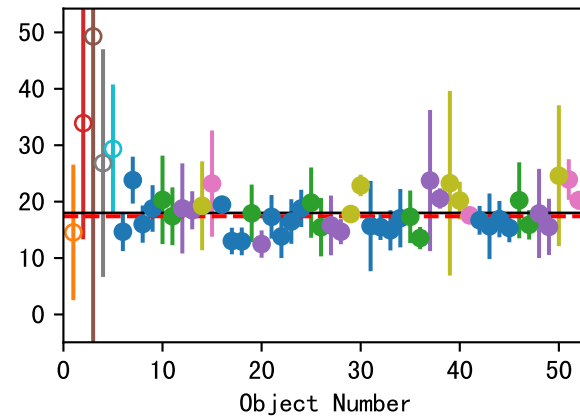
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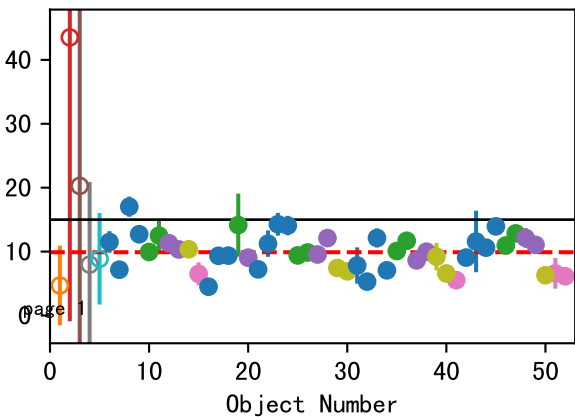
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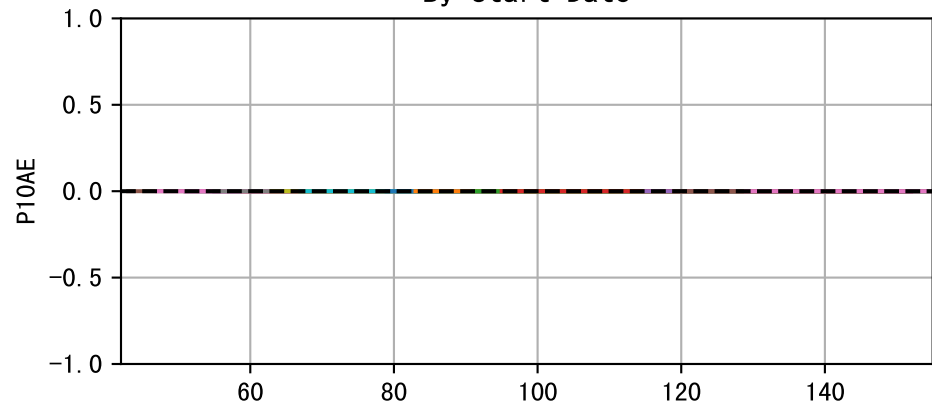
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avg1=17.4~20% avg2=na



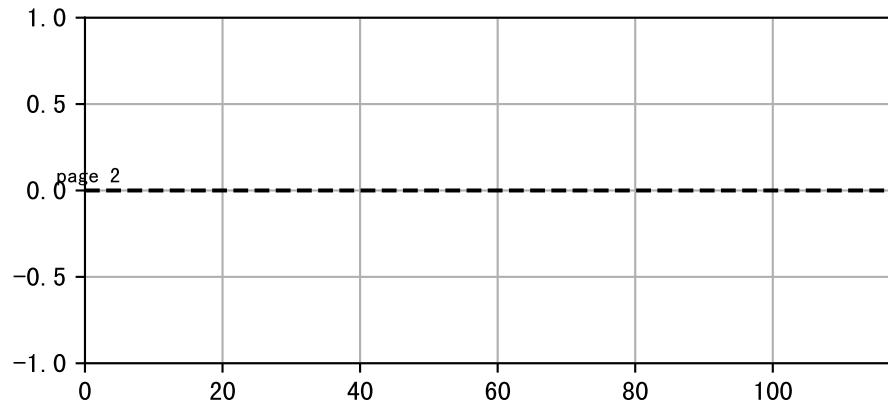
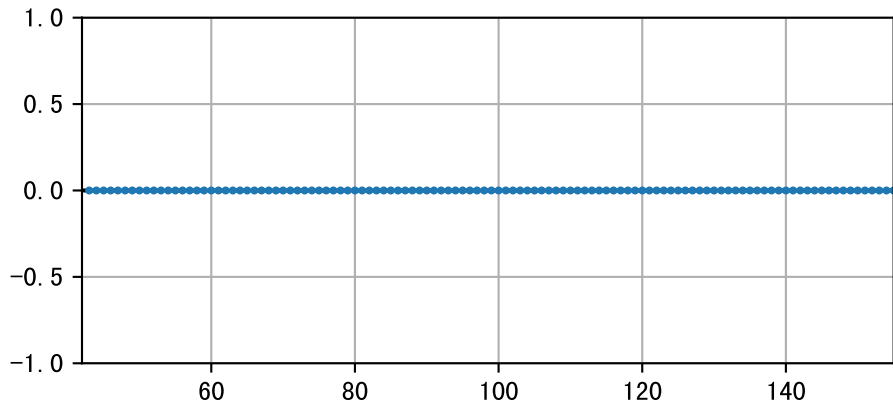
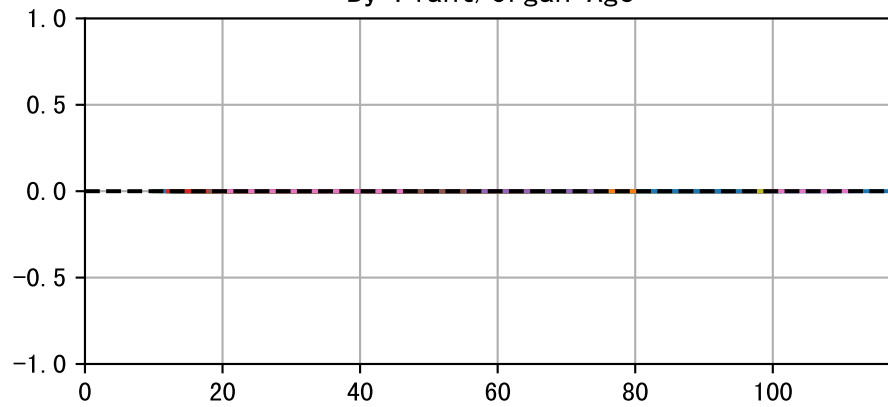
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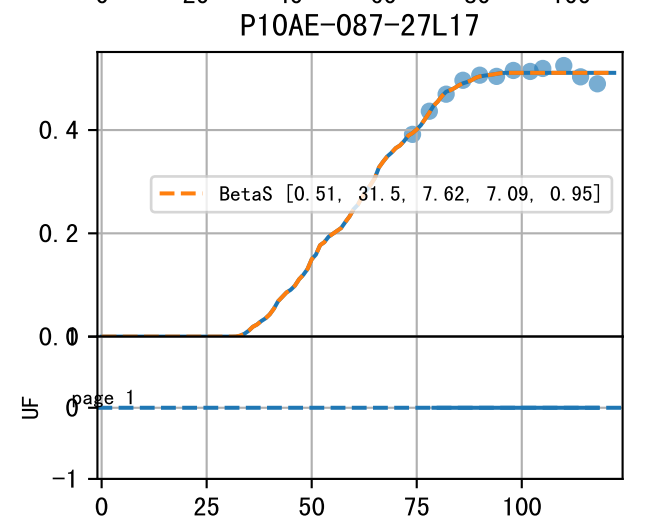
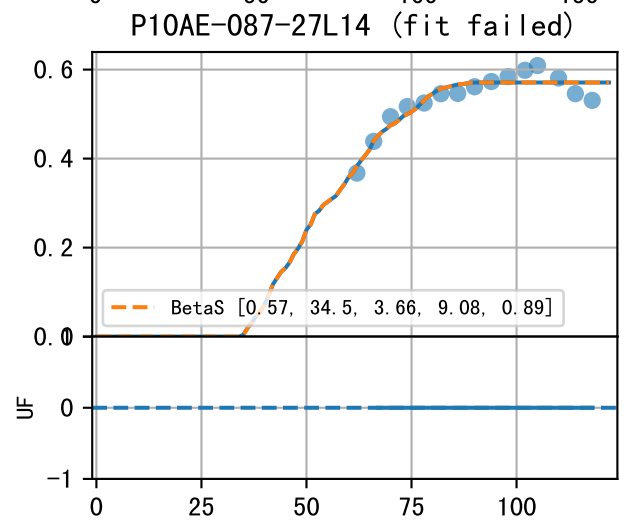
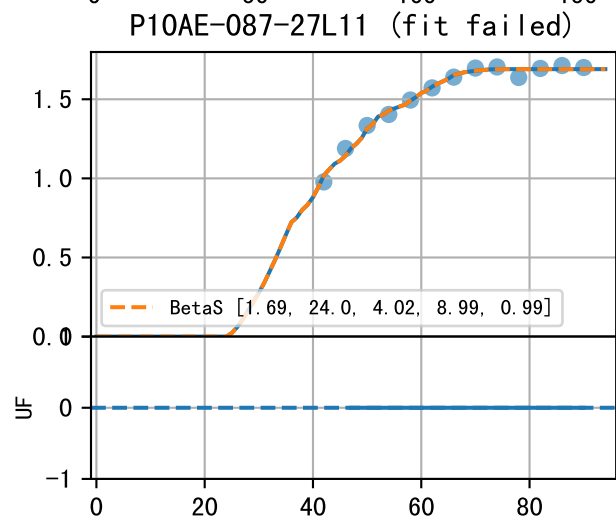
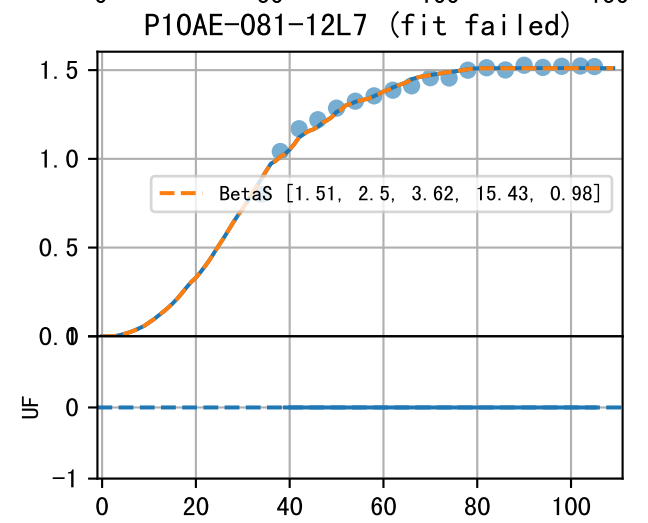
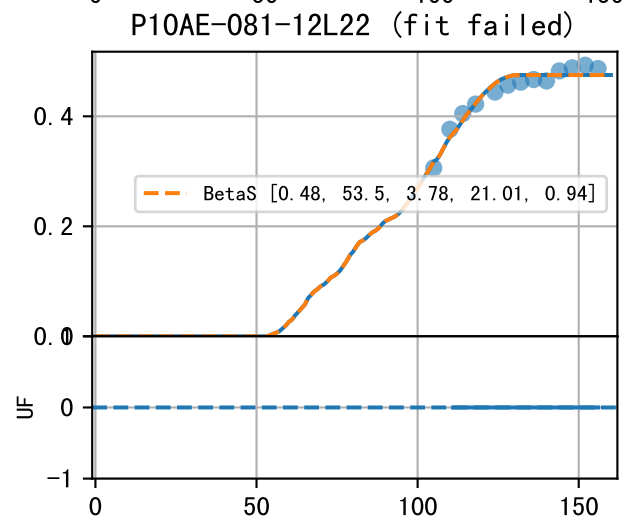
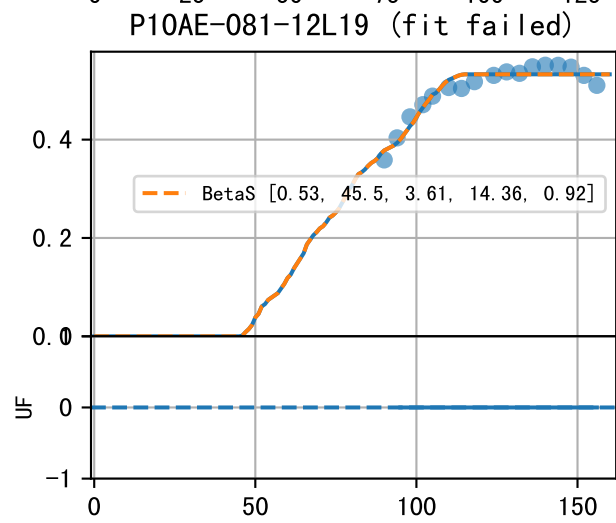
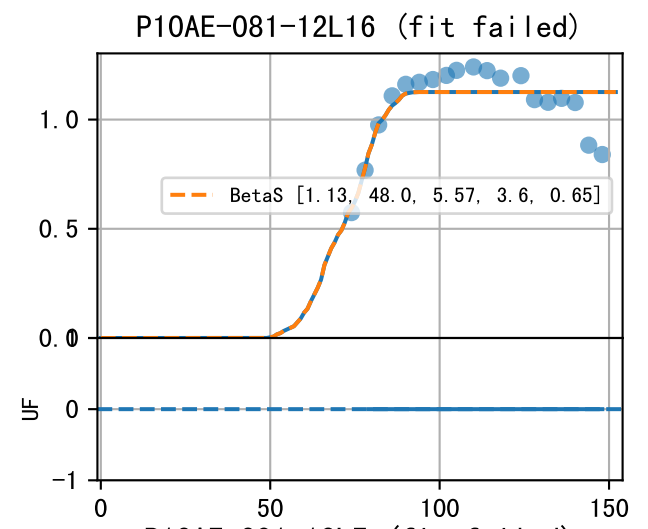
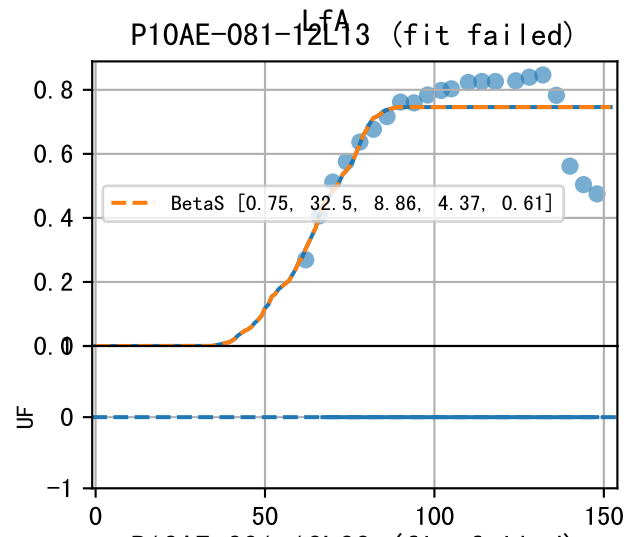
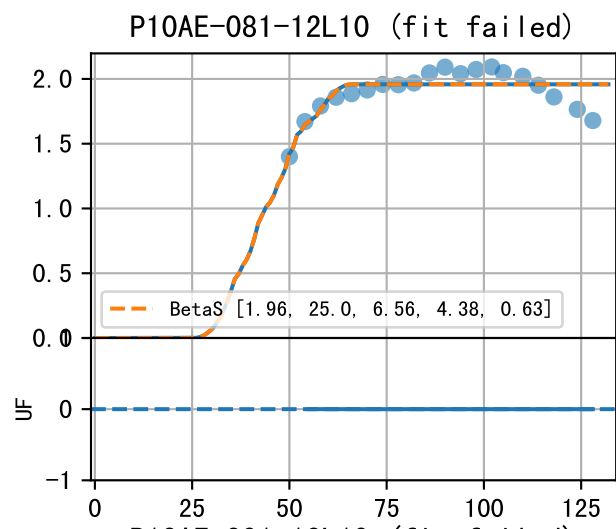


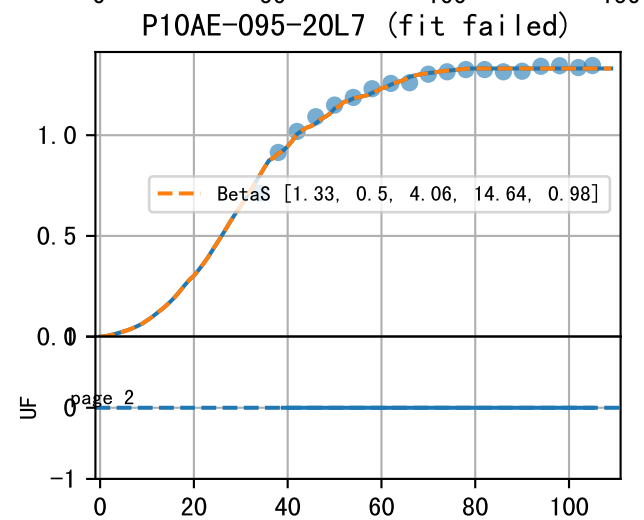
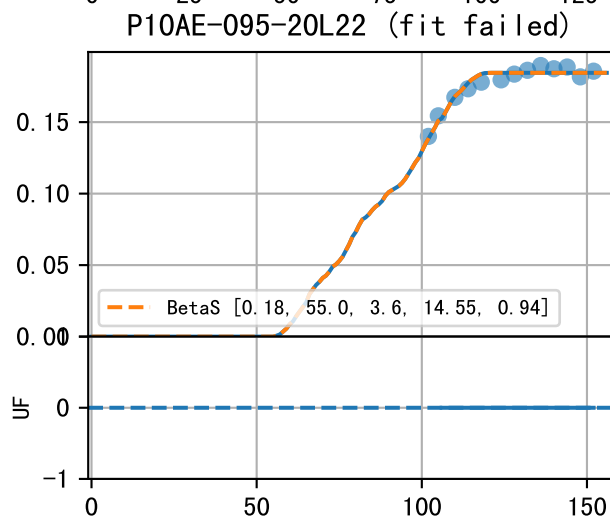
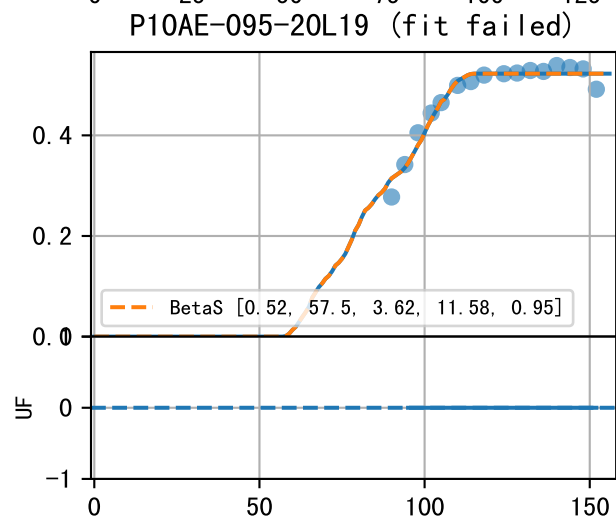
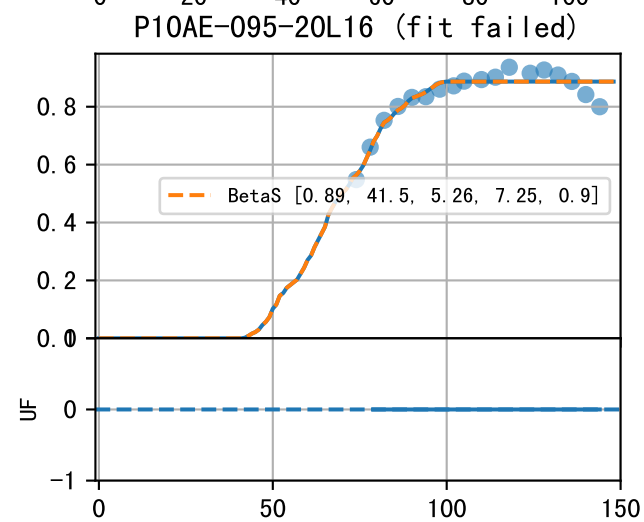
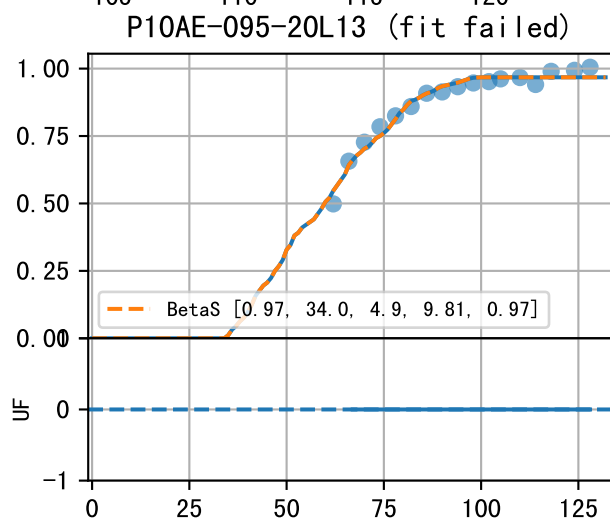
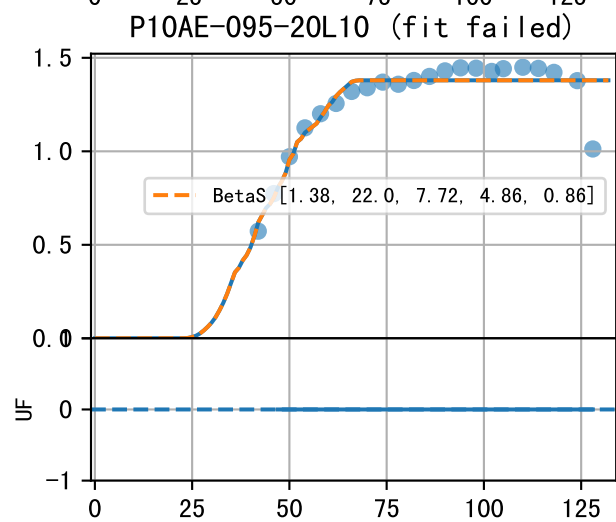
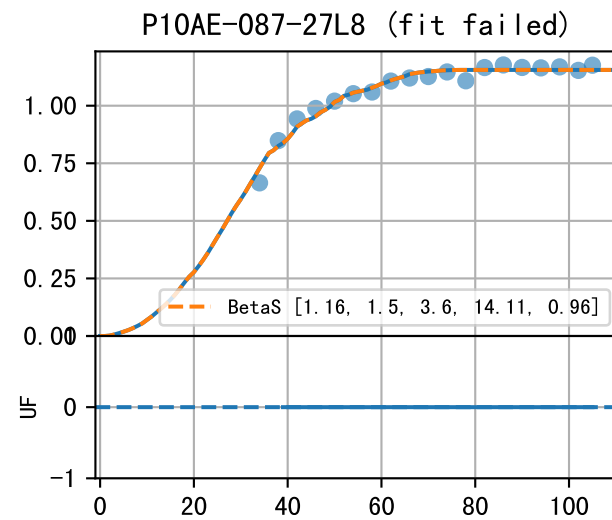
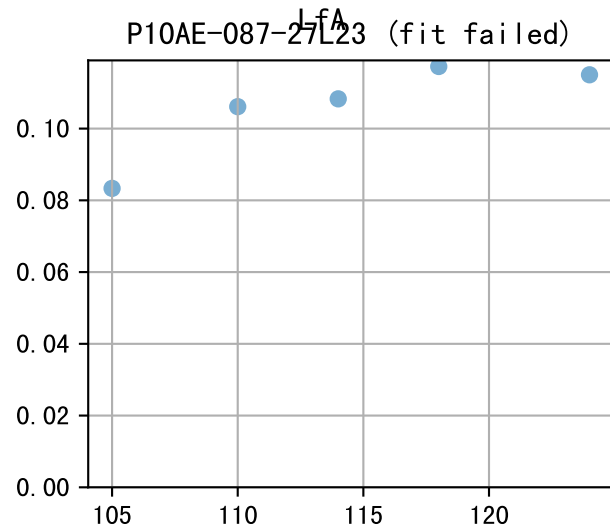
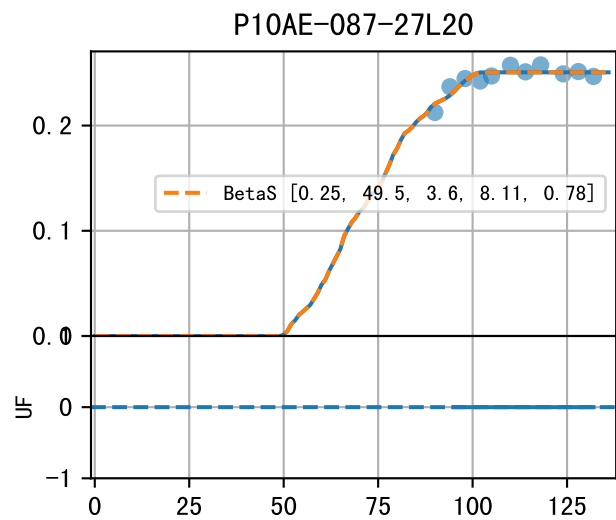
By Start Date

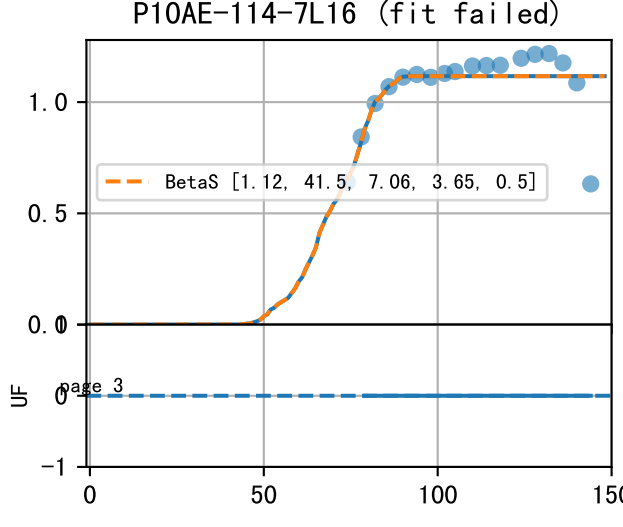
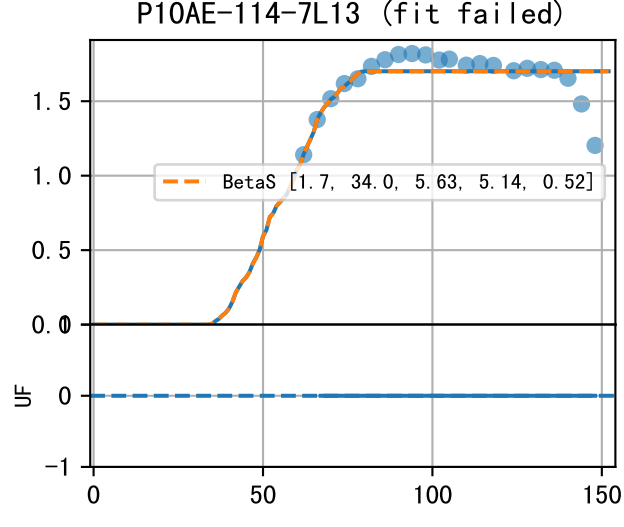
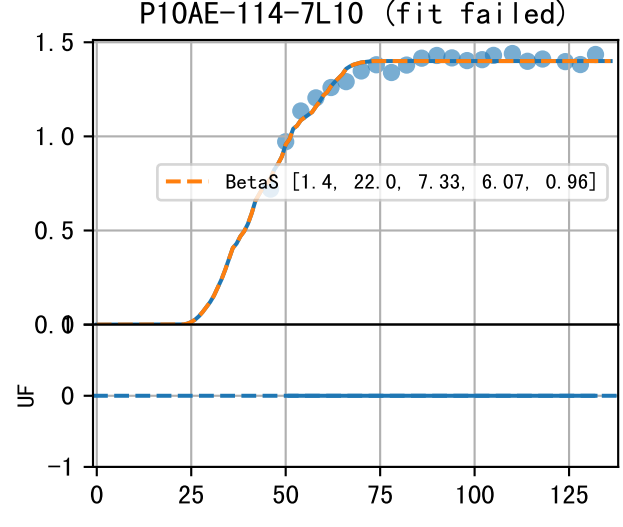
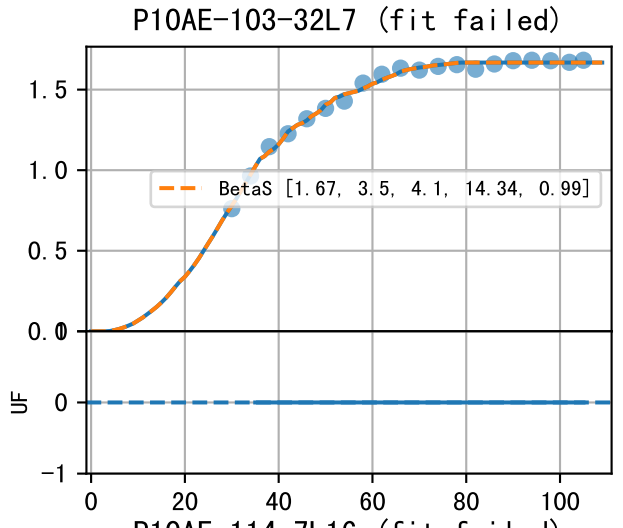
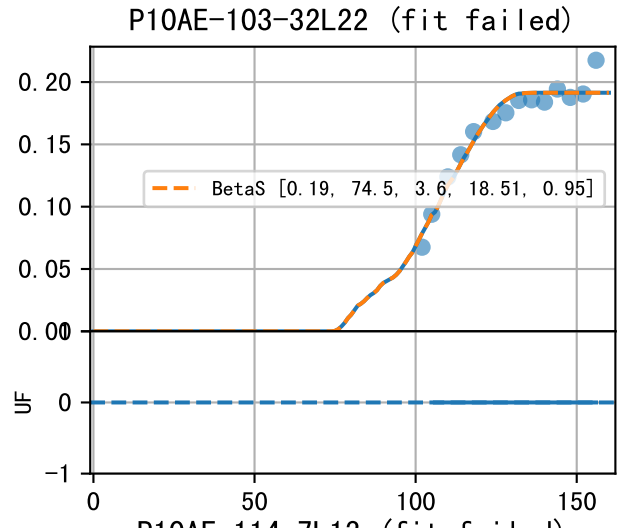
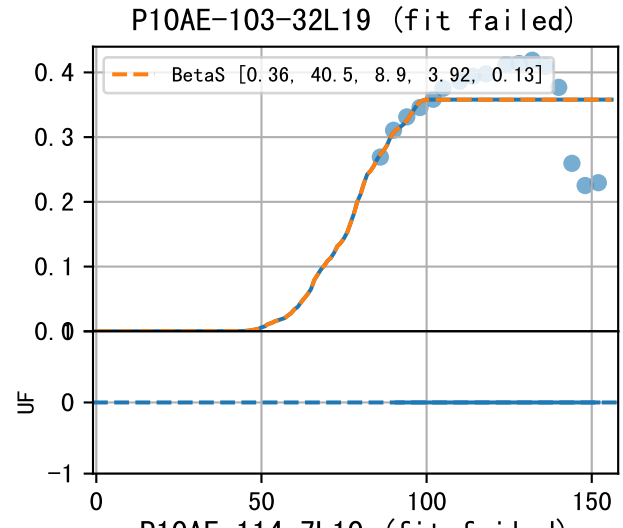
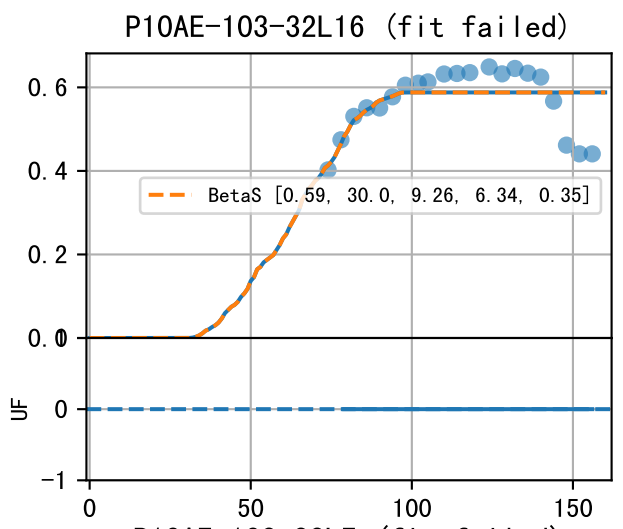
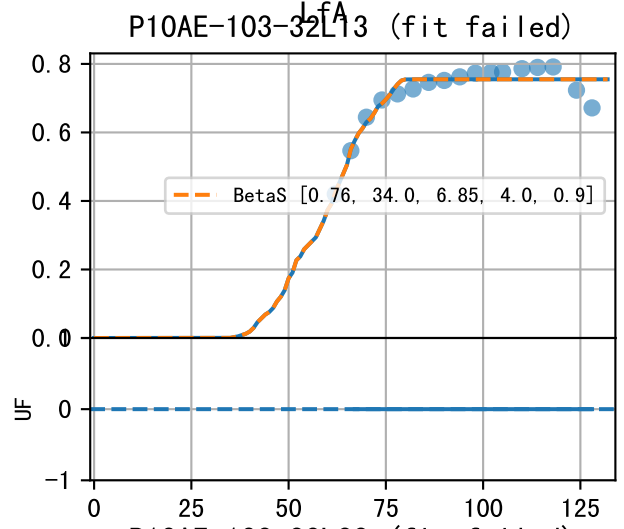
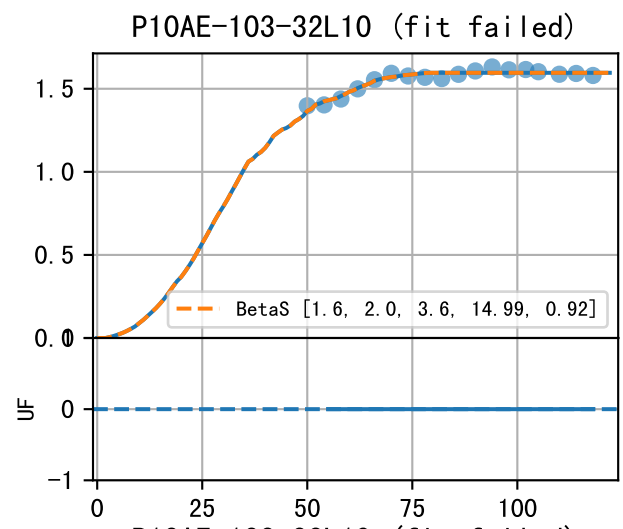


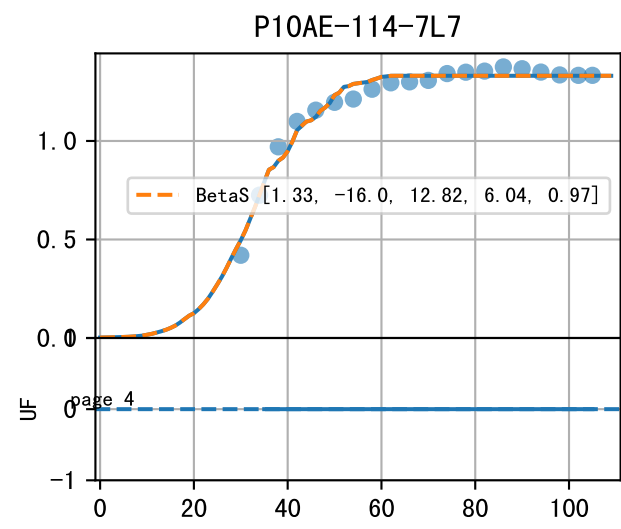
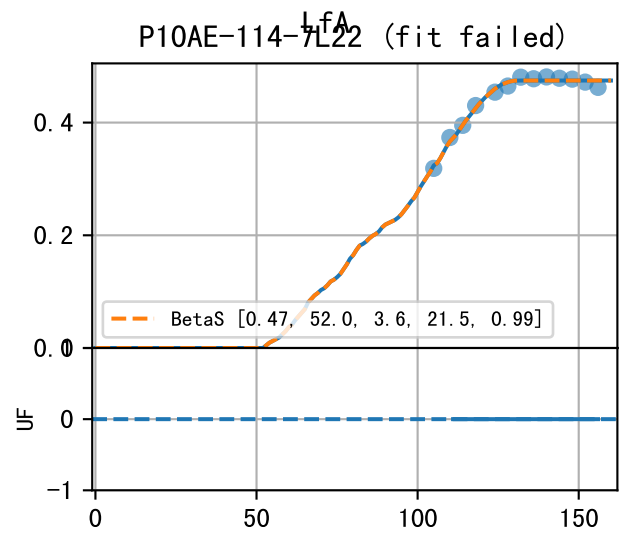
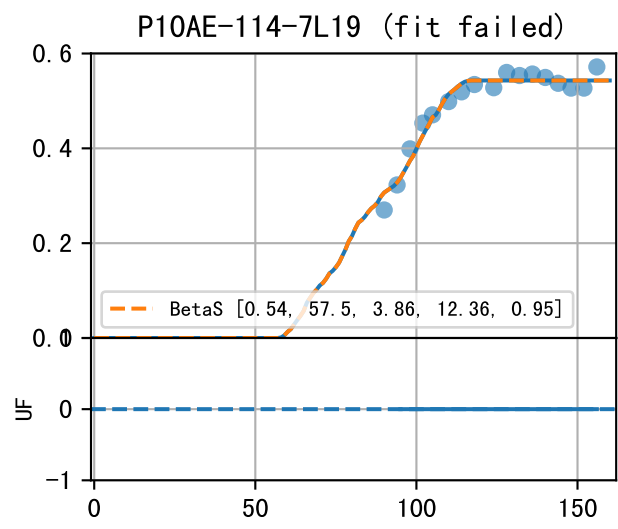
By Plant/Organ Age



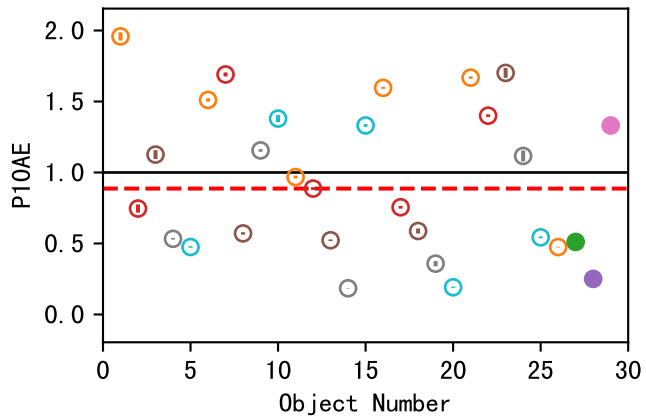




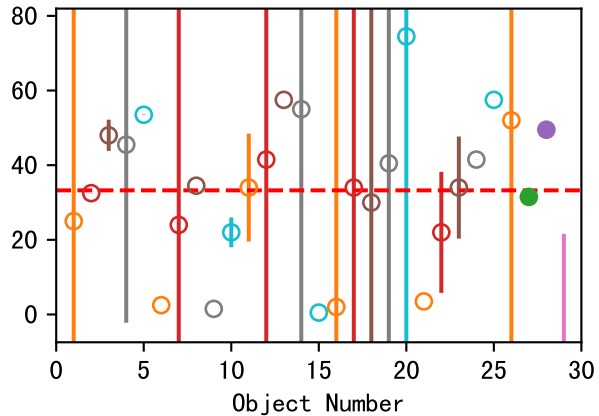




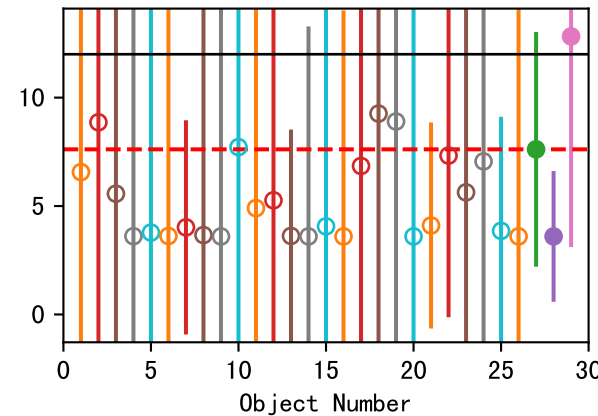
fm (Def=1 Set=0.89)
avg1=0.89~59% avg2=na



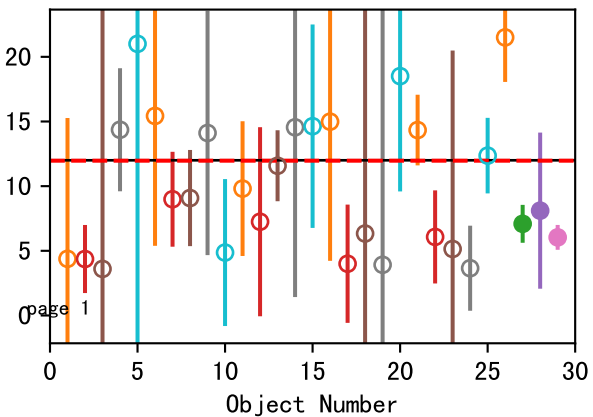
tb (Def=na Set=na)
avg1=1.66~16% avg2=na



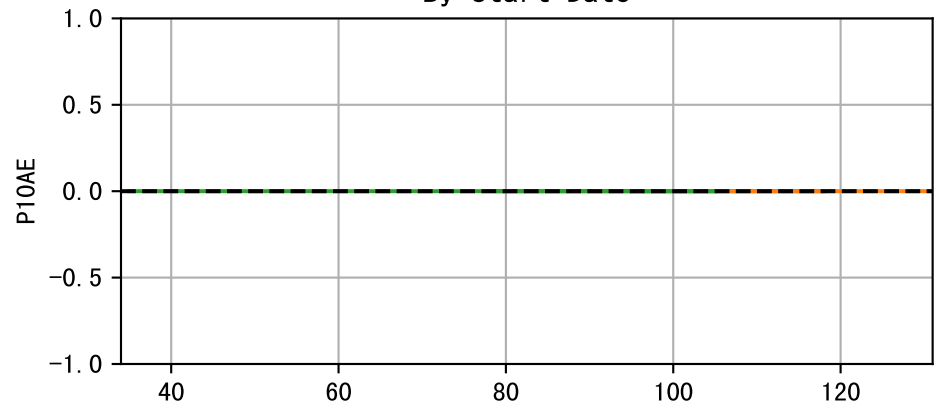
dm (Def=12 Set=12)
avg1=7.62~61% avg2=na



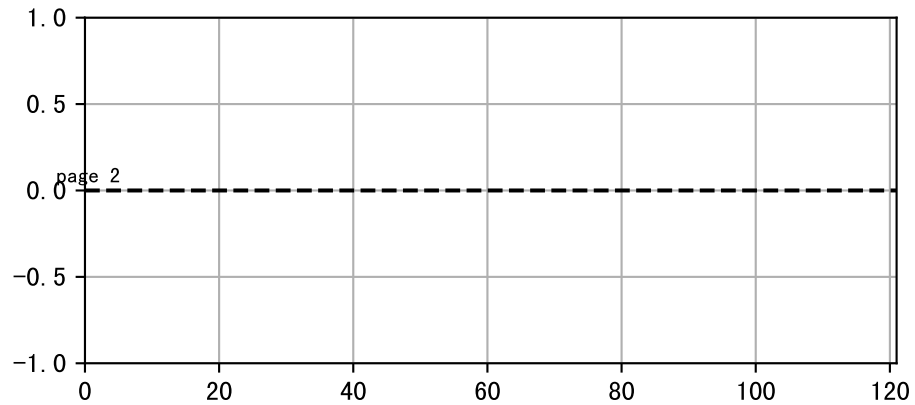
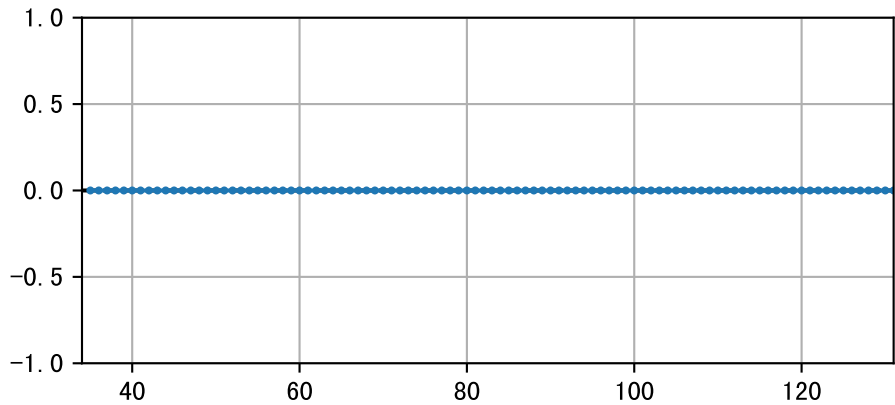
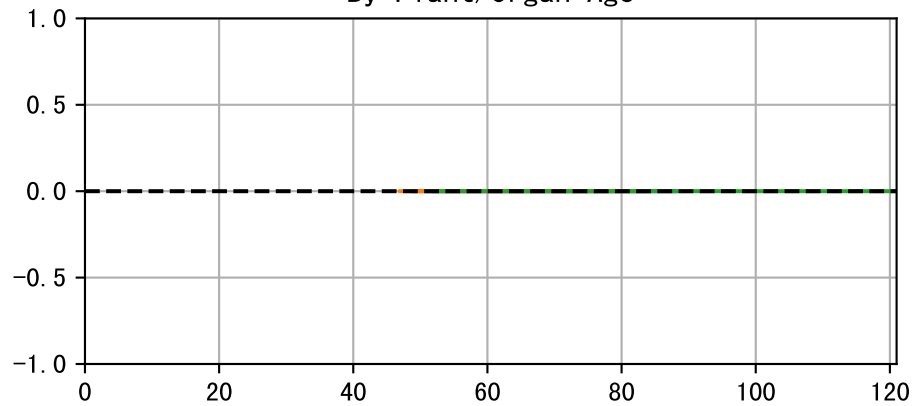
de (Def=12 Set=11.97)
avg1=11.97~40% avg2=na

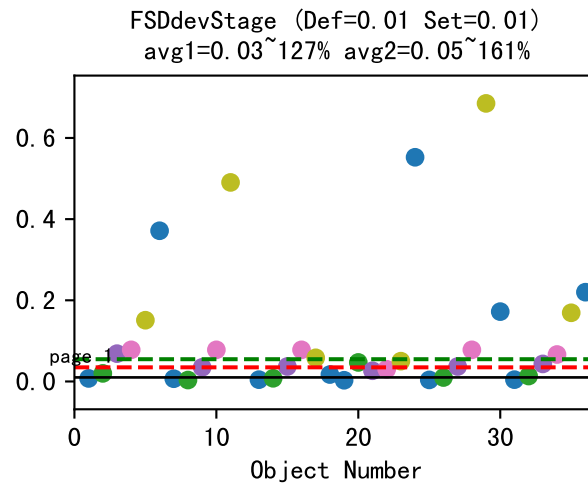
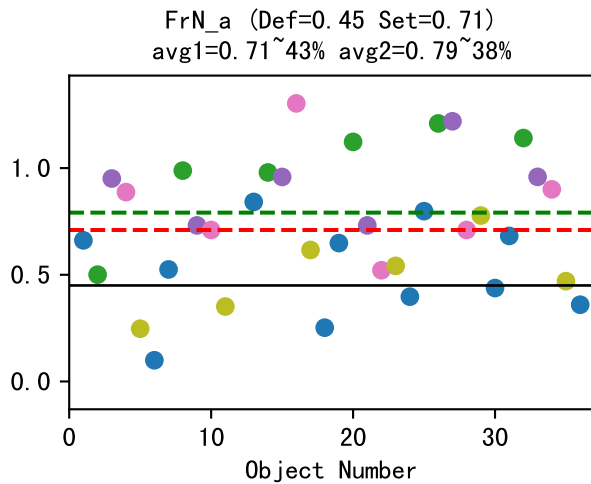
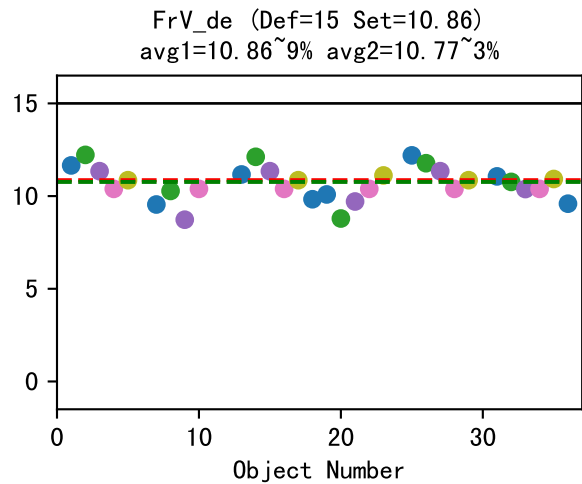
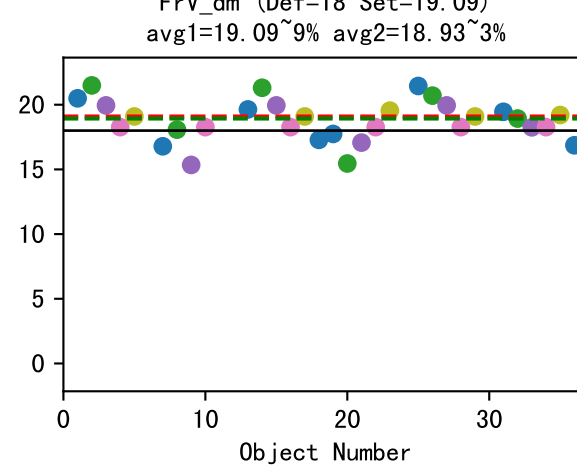
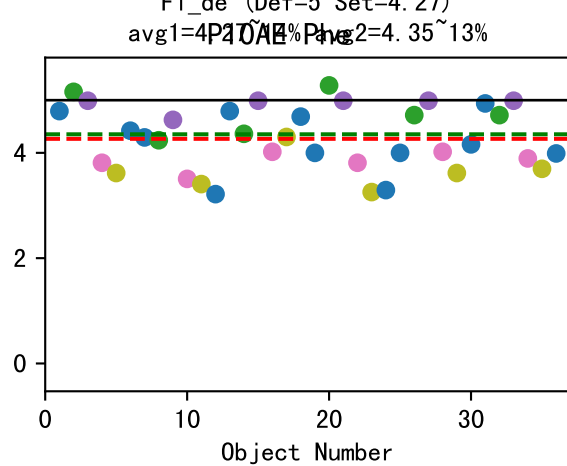
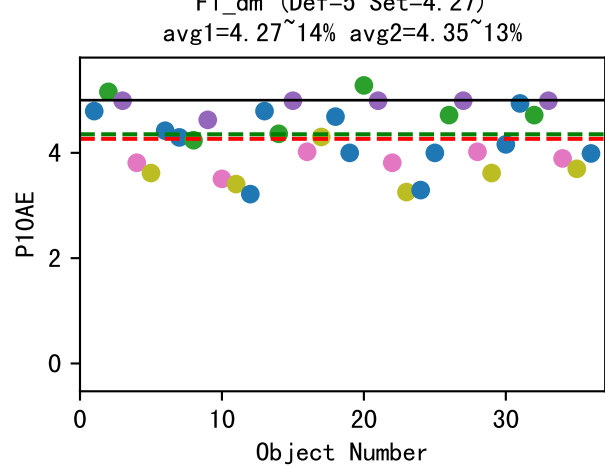


By Start Date

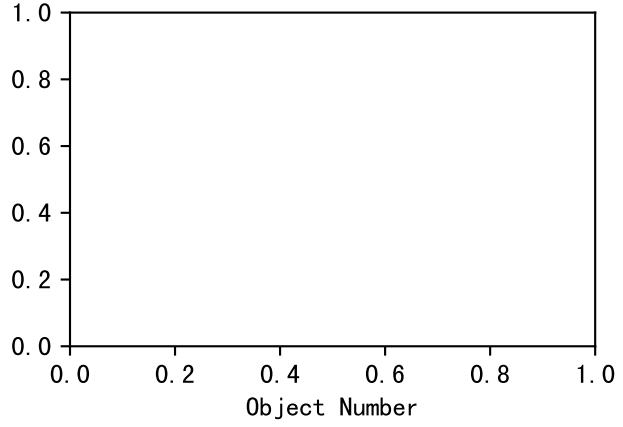


By Plant/Organ Age

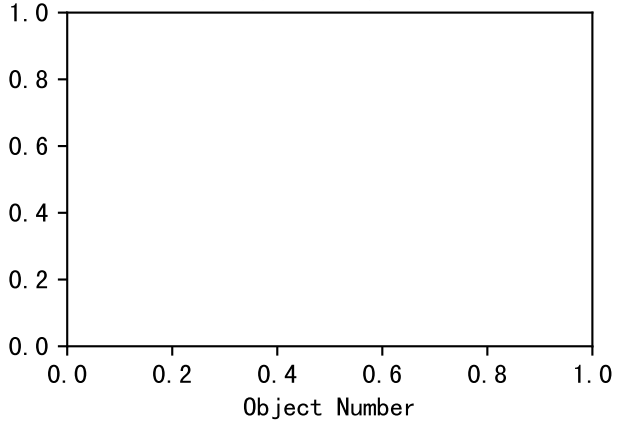




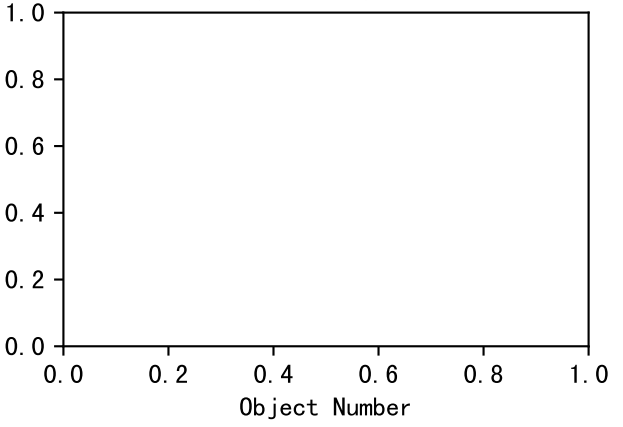
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



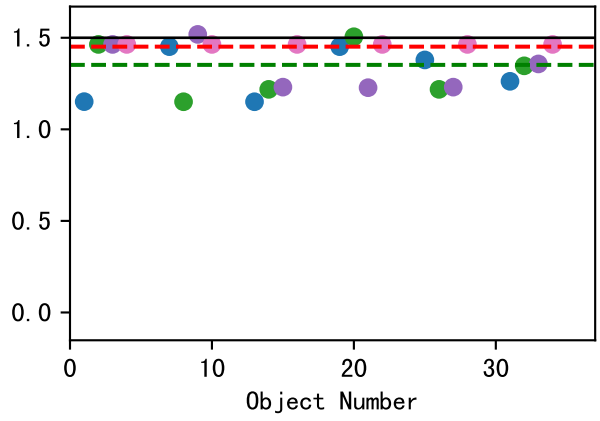
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



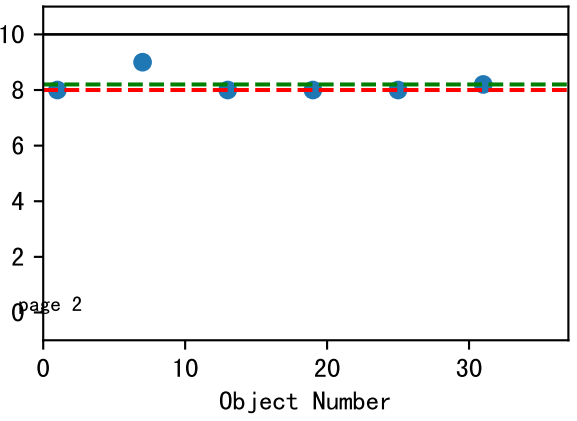
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



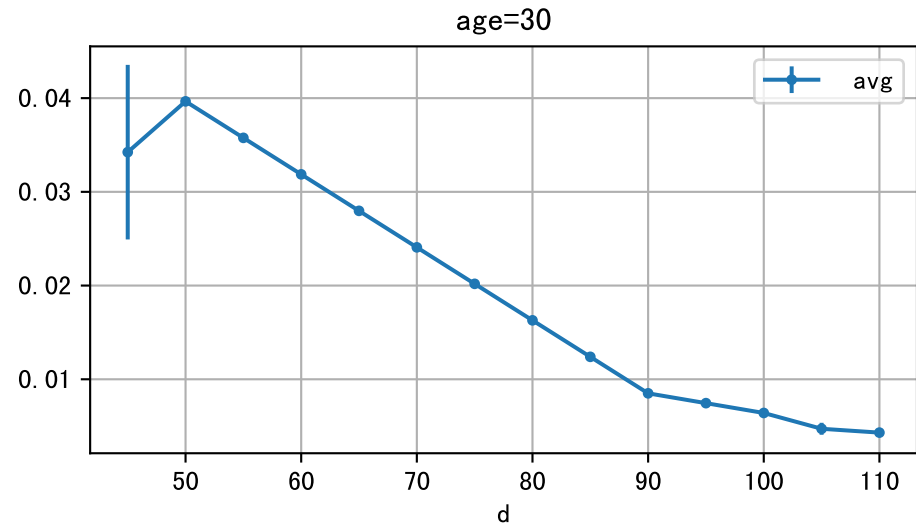
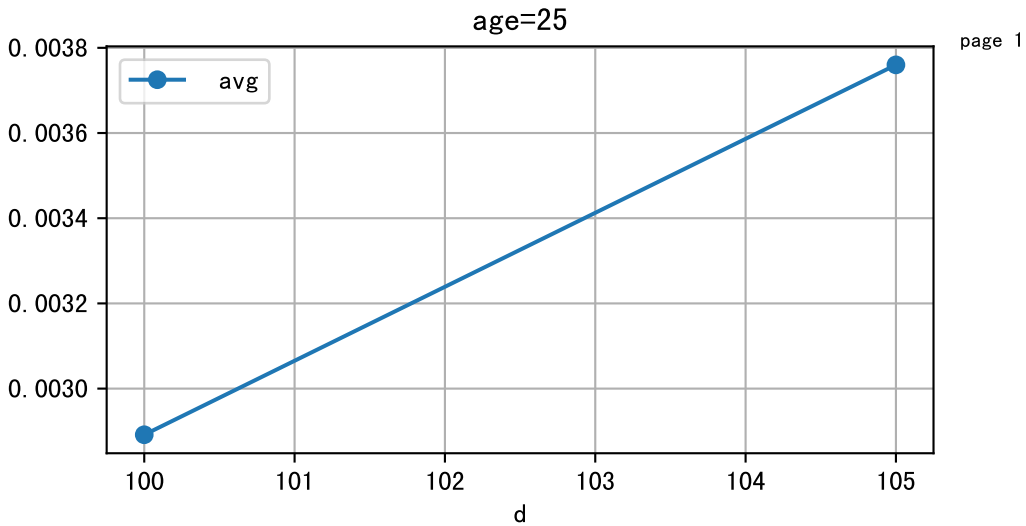
FHDdevStage (Def=1.5 Set=1.45)
avg1=1.45~9% avg2=1.35~6%



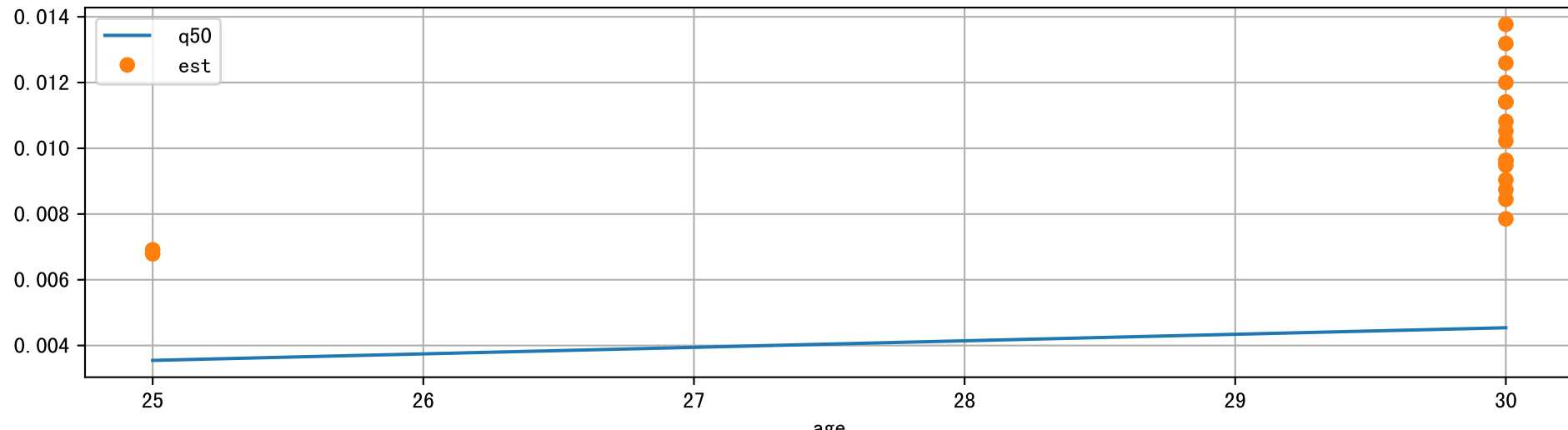
NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=8.2



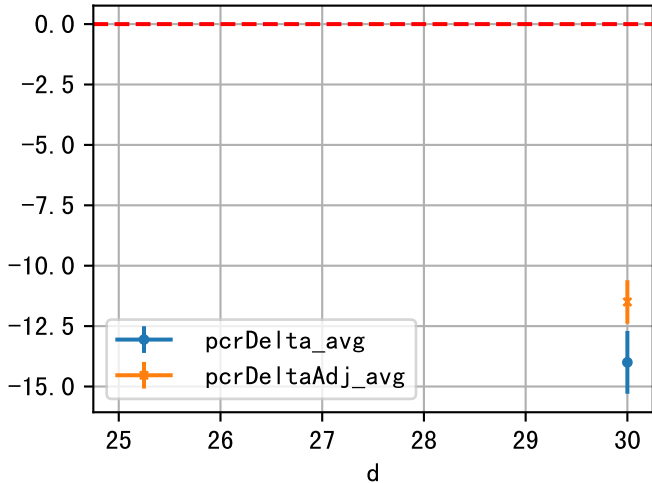
LfA: avg vs. d at each age group



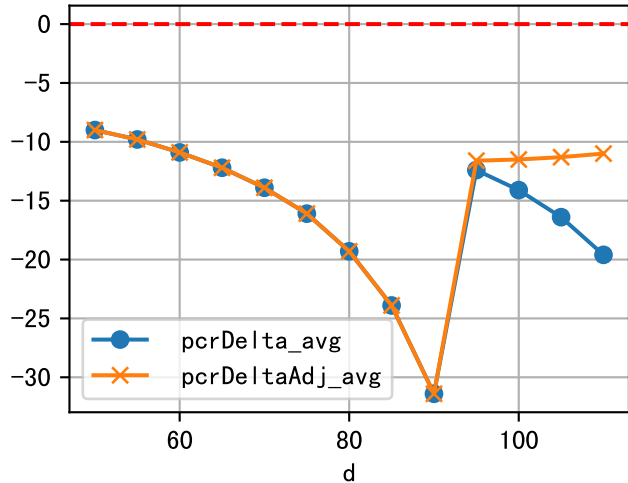
LfA: model est vs obs0v@Q50



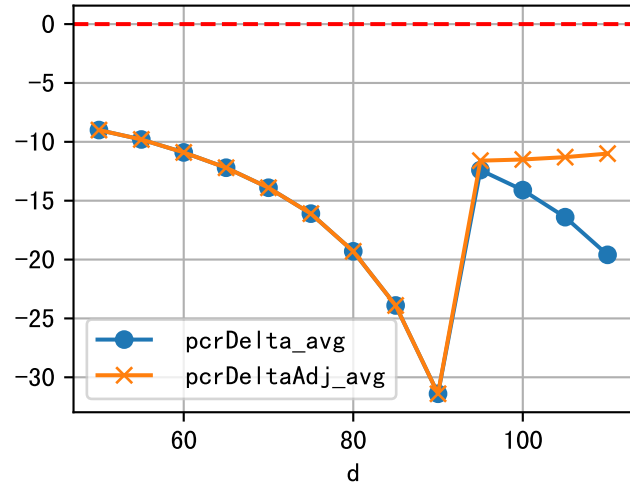
DeltaTypeAbbr=GrpByAge



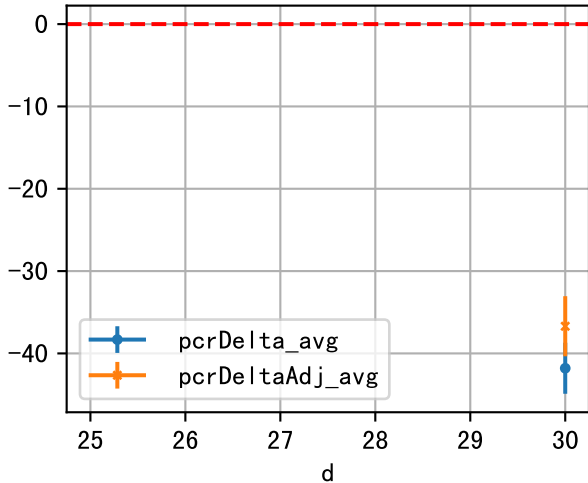
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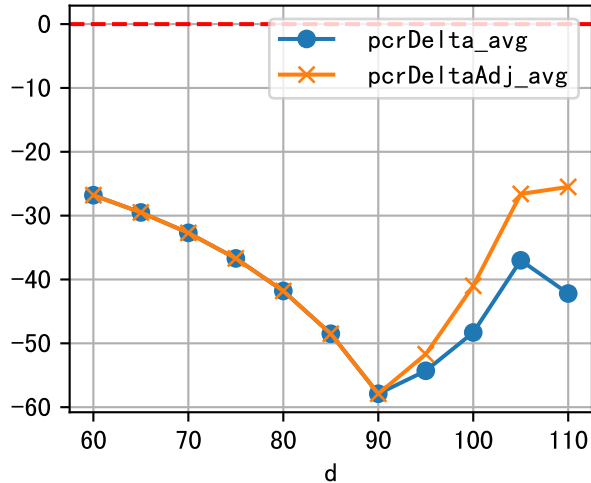
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

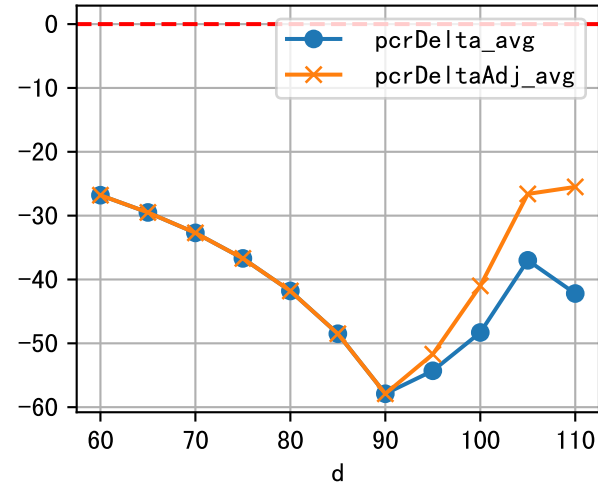


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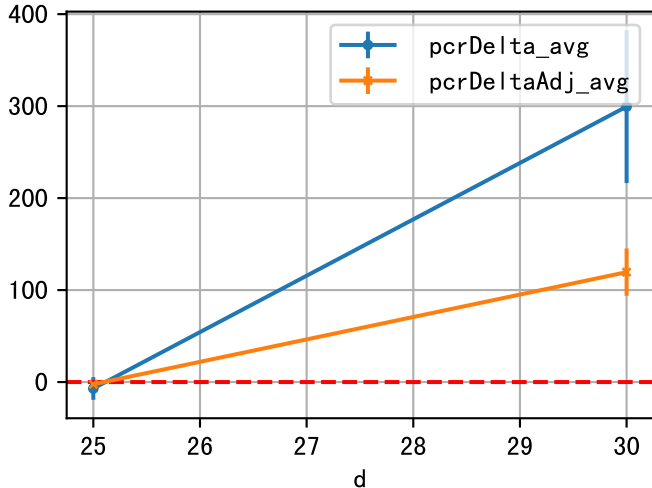


page 4

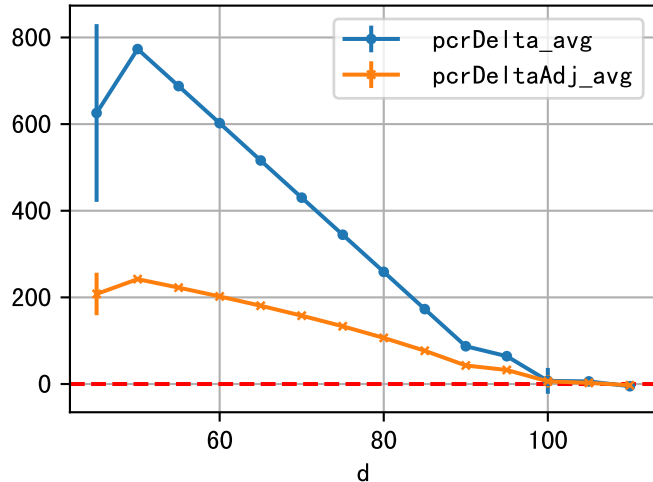
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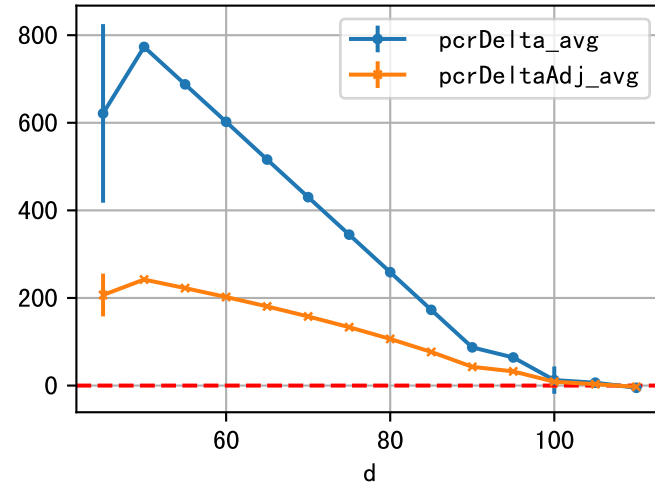
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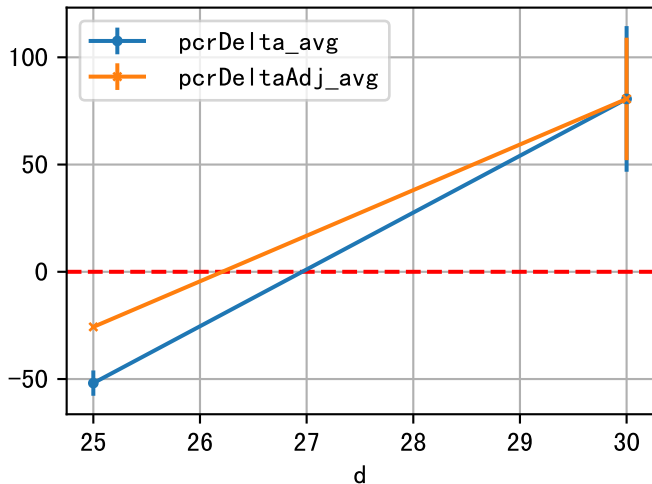
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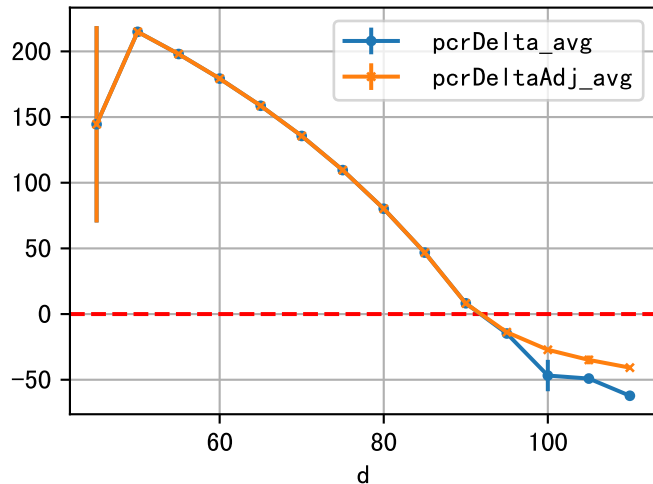
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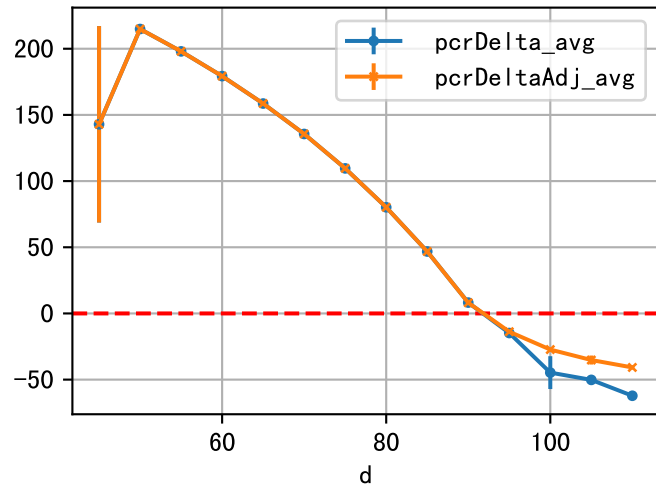
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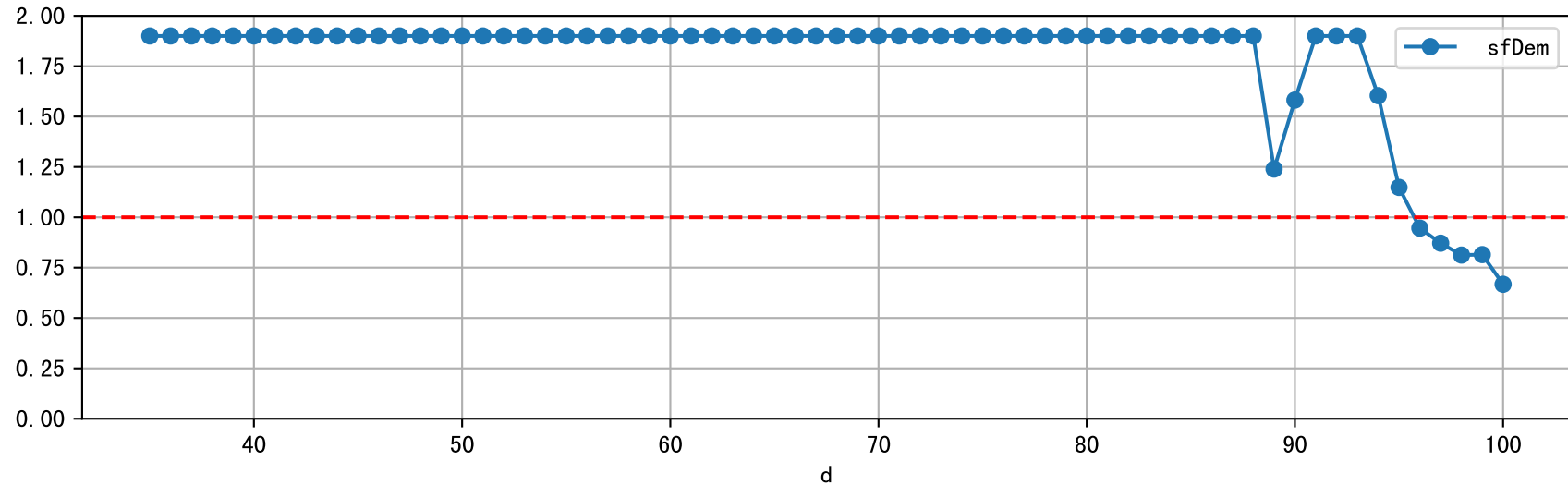
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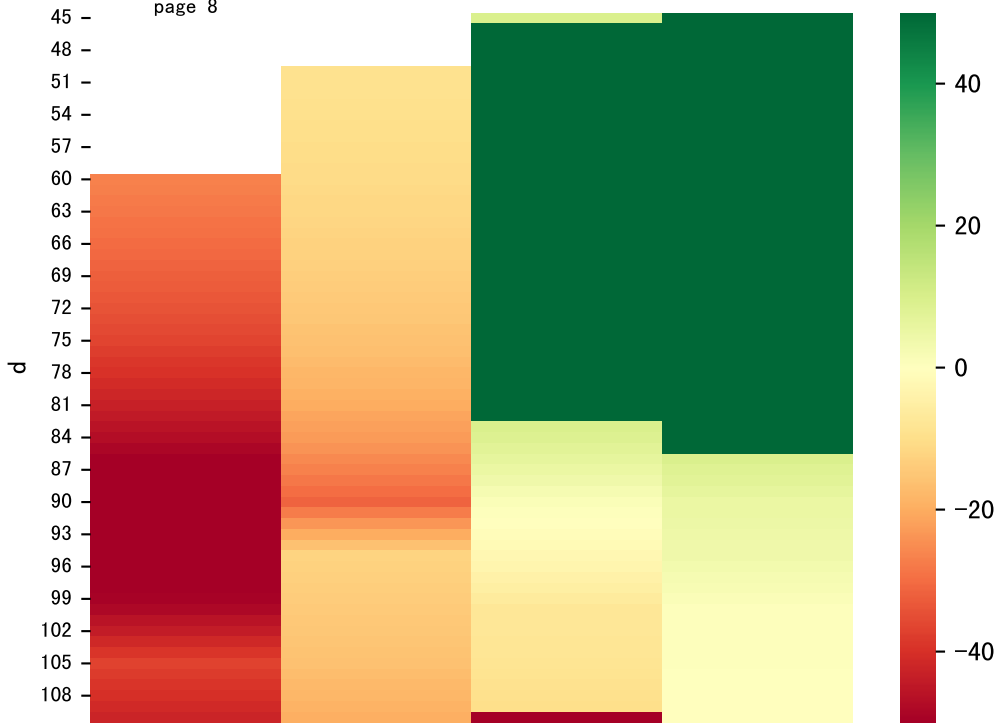


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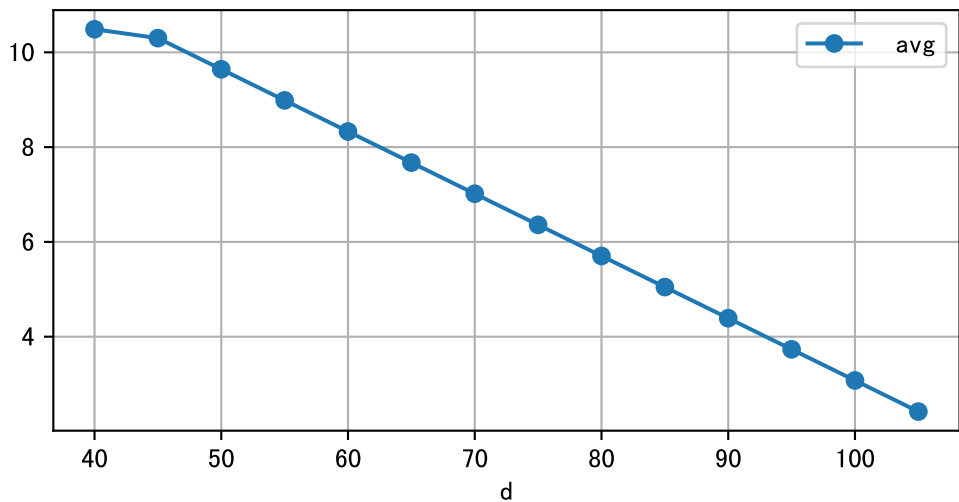


LfA: sfDem

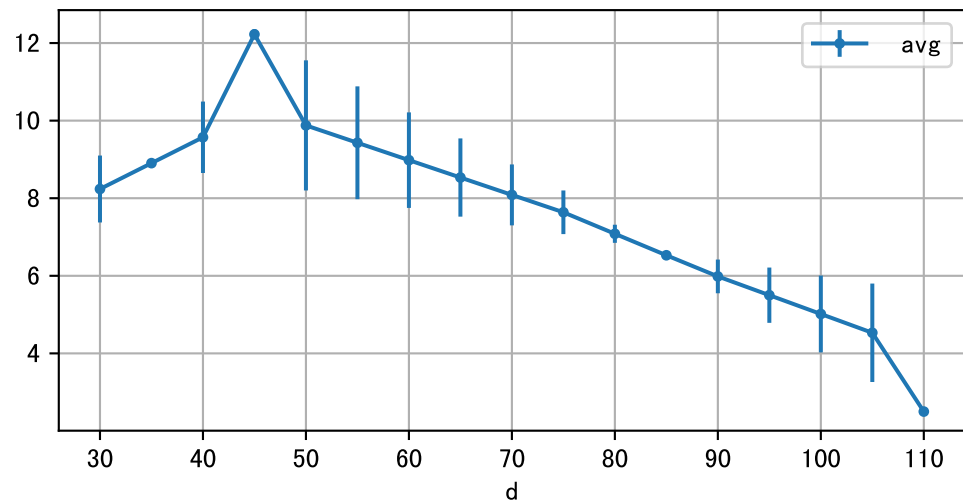




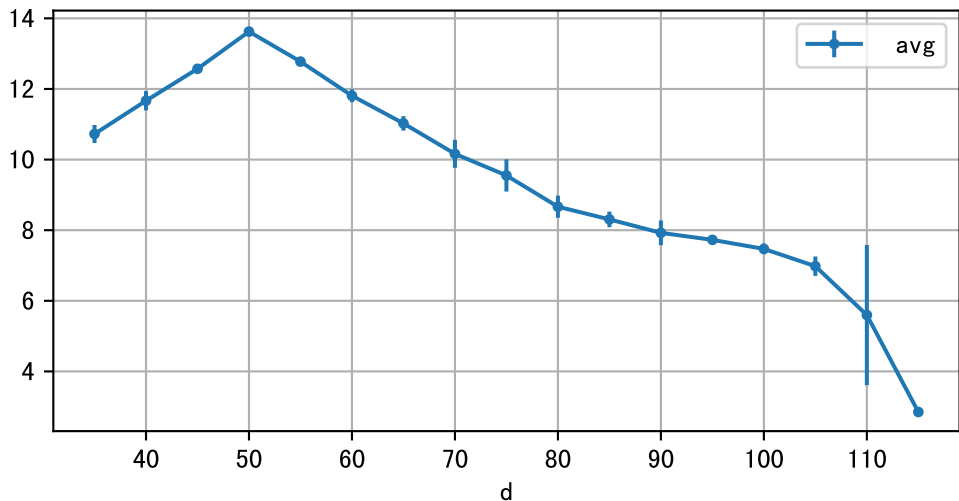
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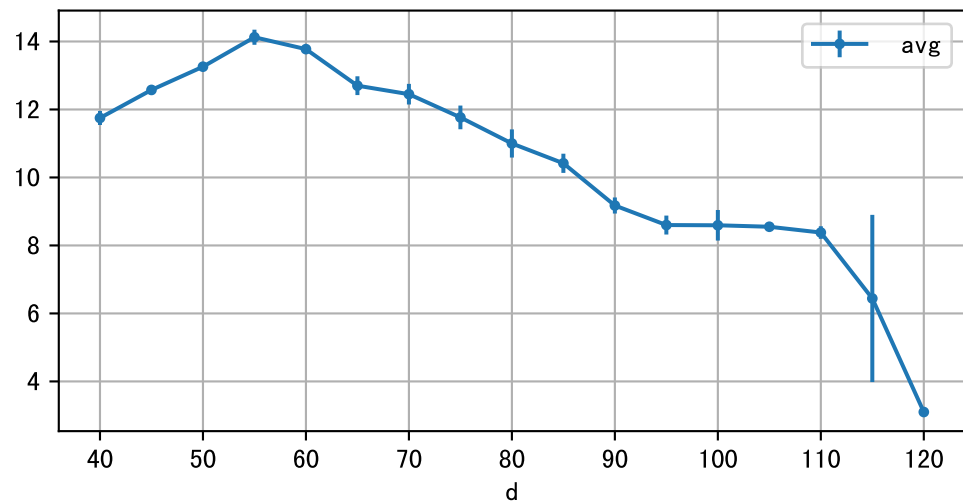
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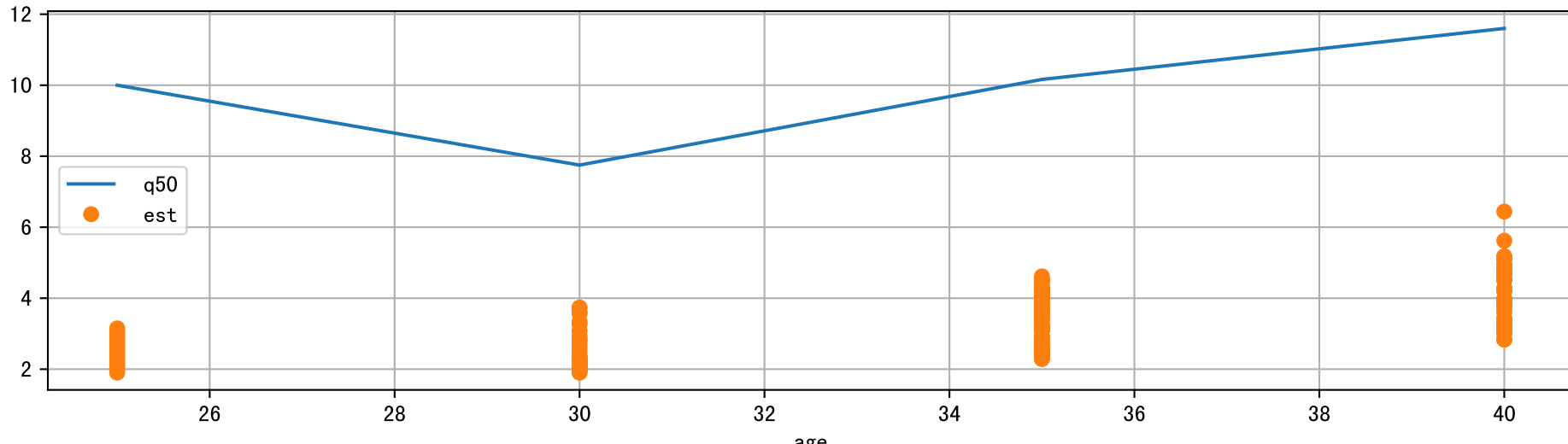
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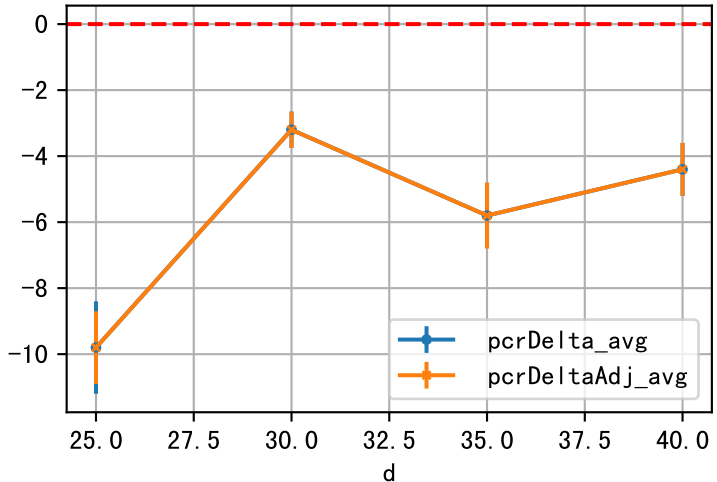
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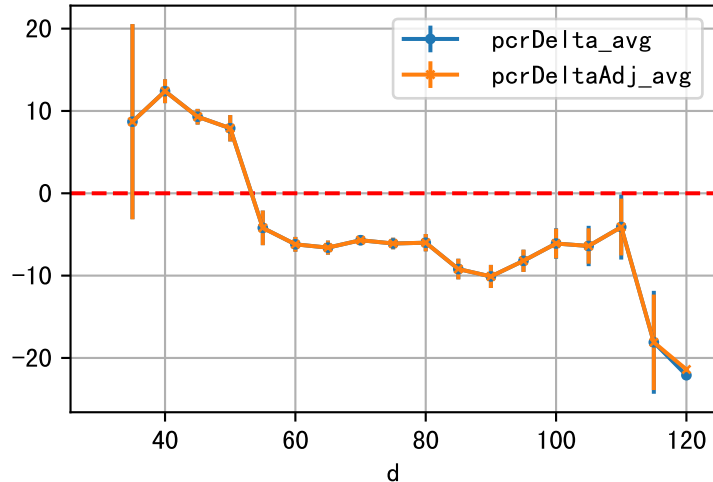
NdD: model est vs obs0v@Q50



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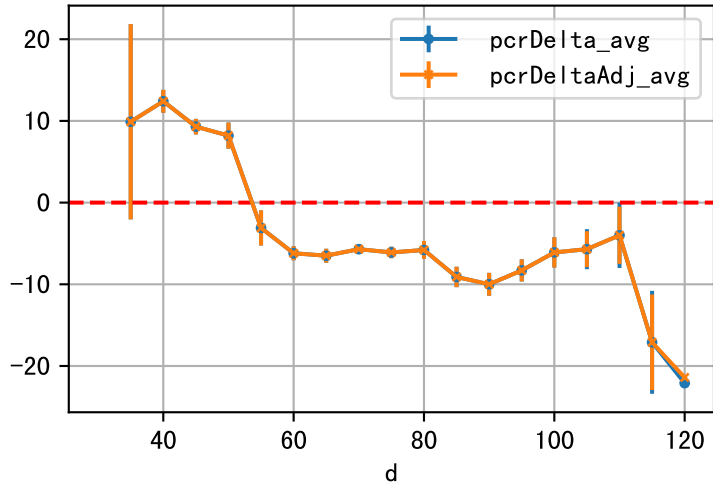


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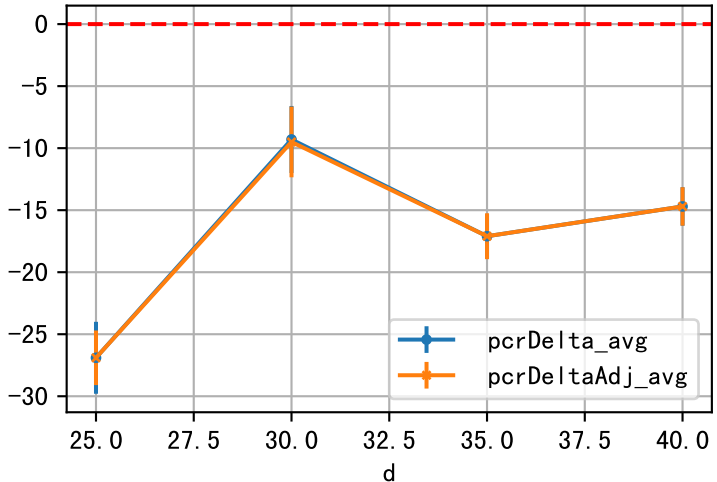
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DeltaTypeAbbr=Wei AvgByD

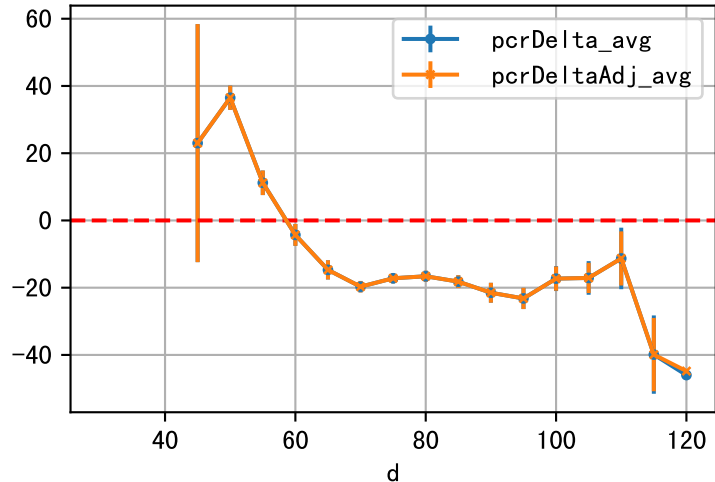


P10AE NdD: D_15d_NdD

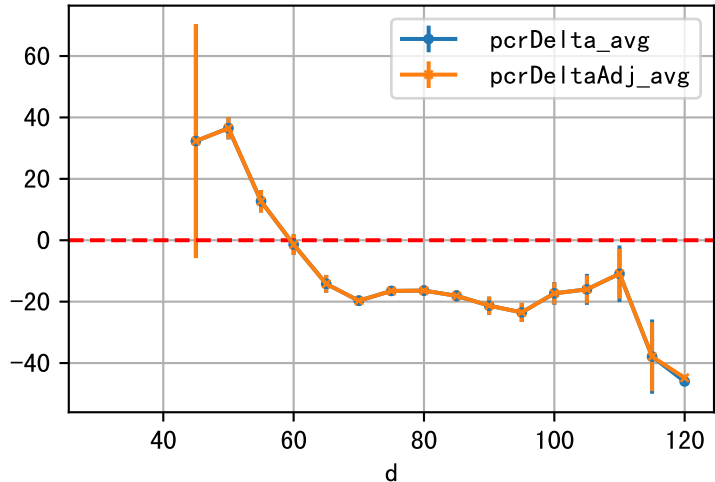
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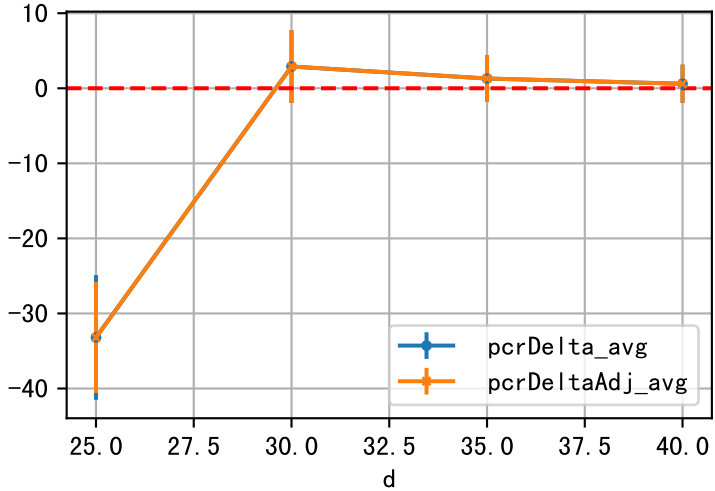
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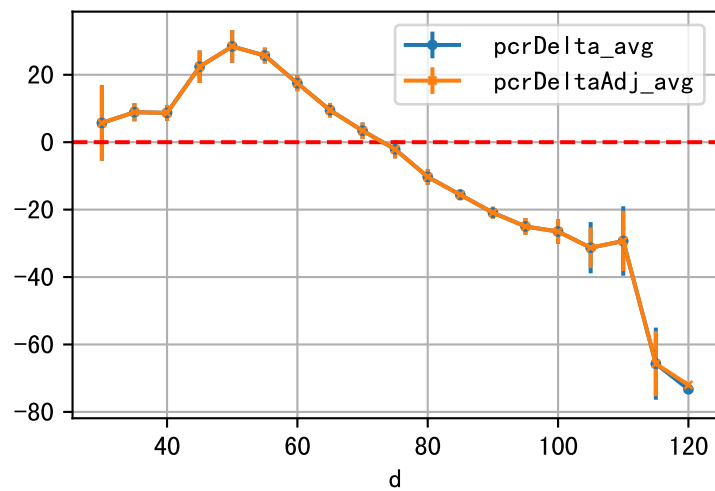
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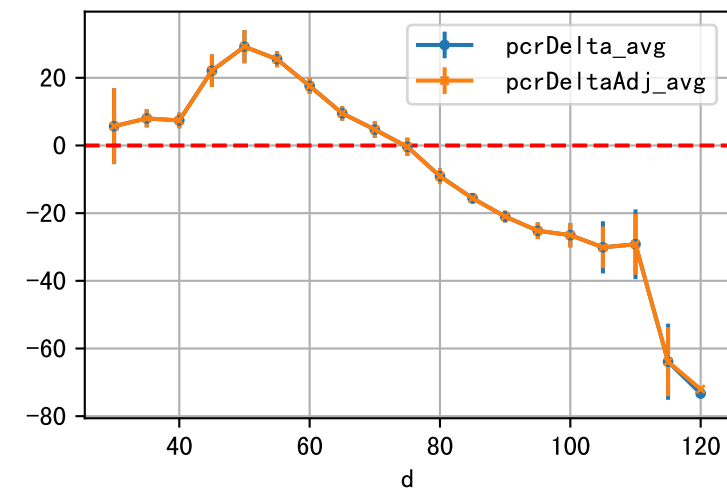
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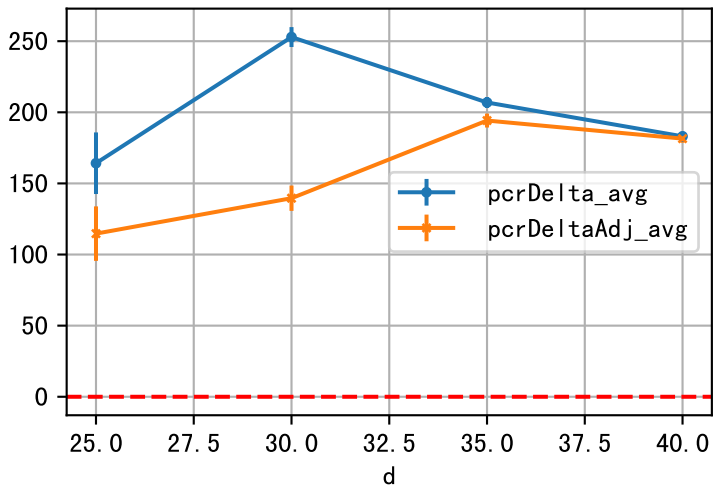
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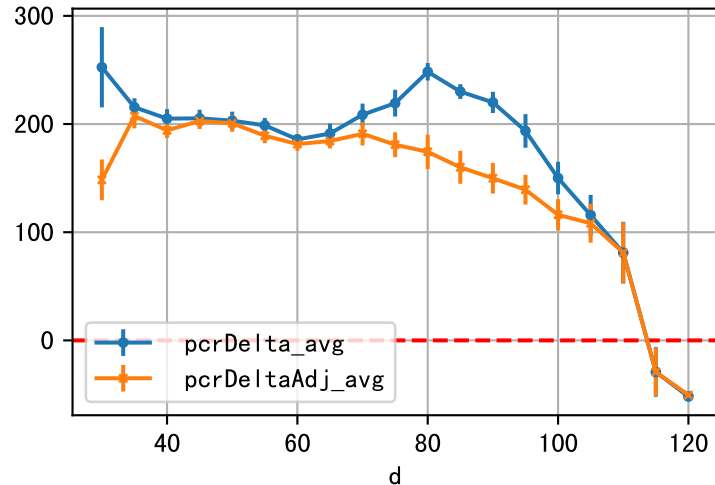
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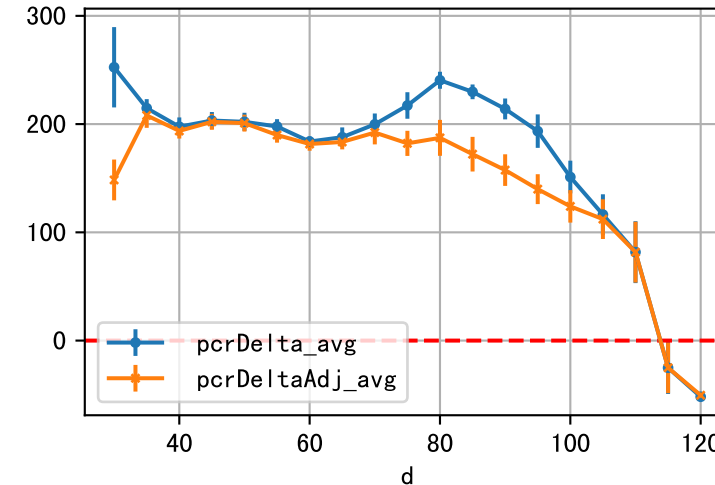
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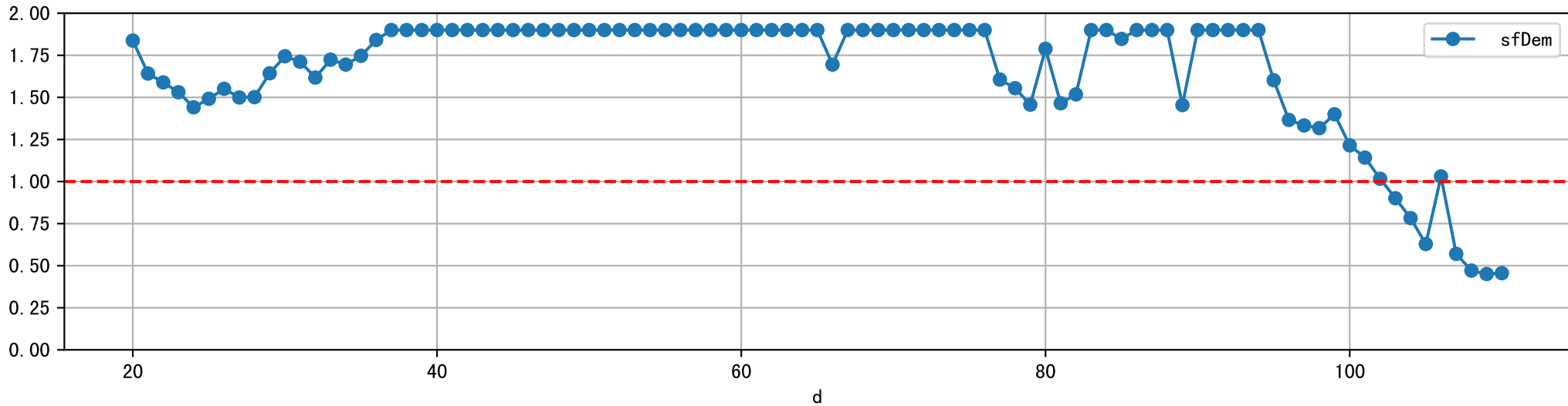
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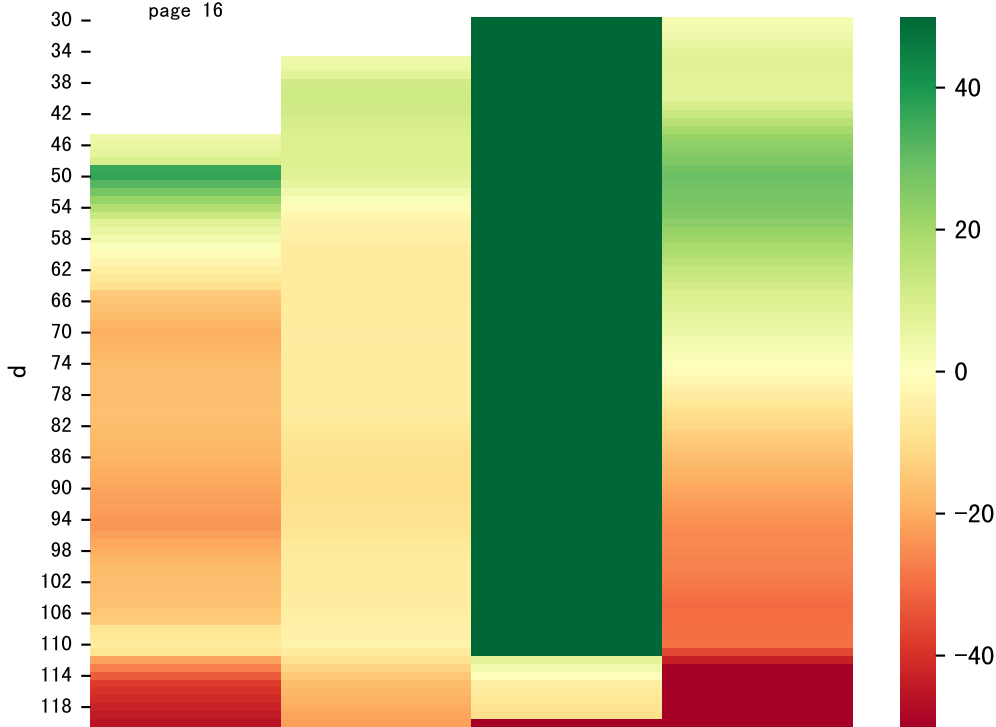


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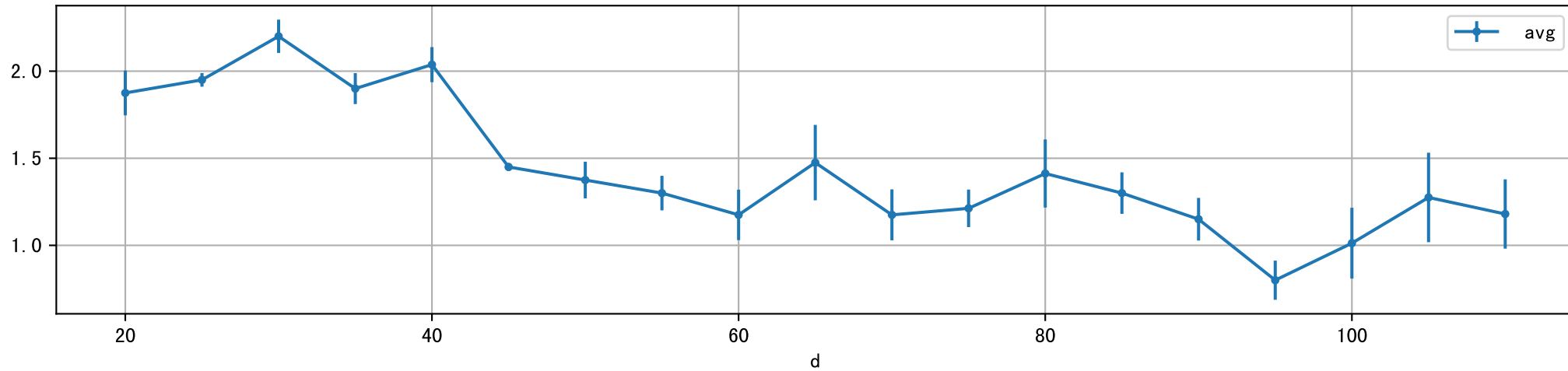


NdD: sfDem

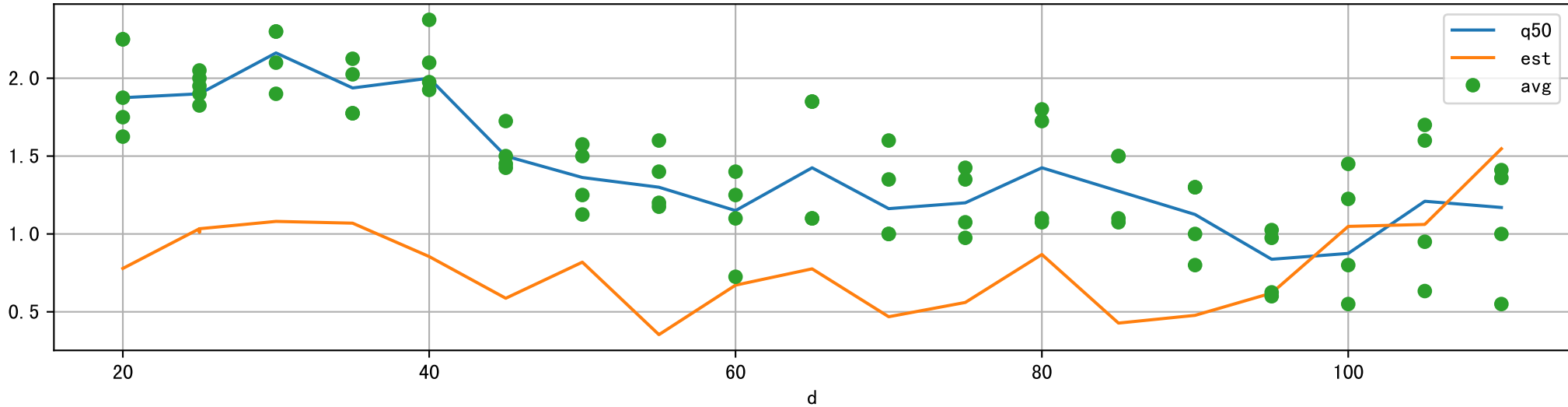




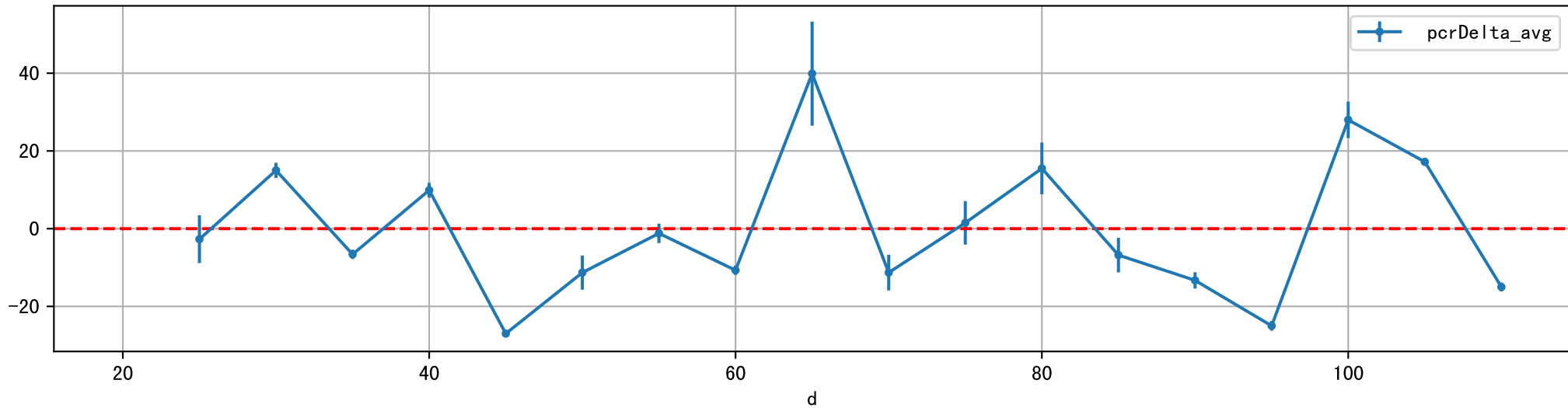
dStH: avg vs. d



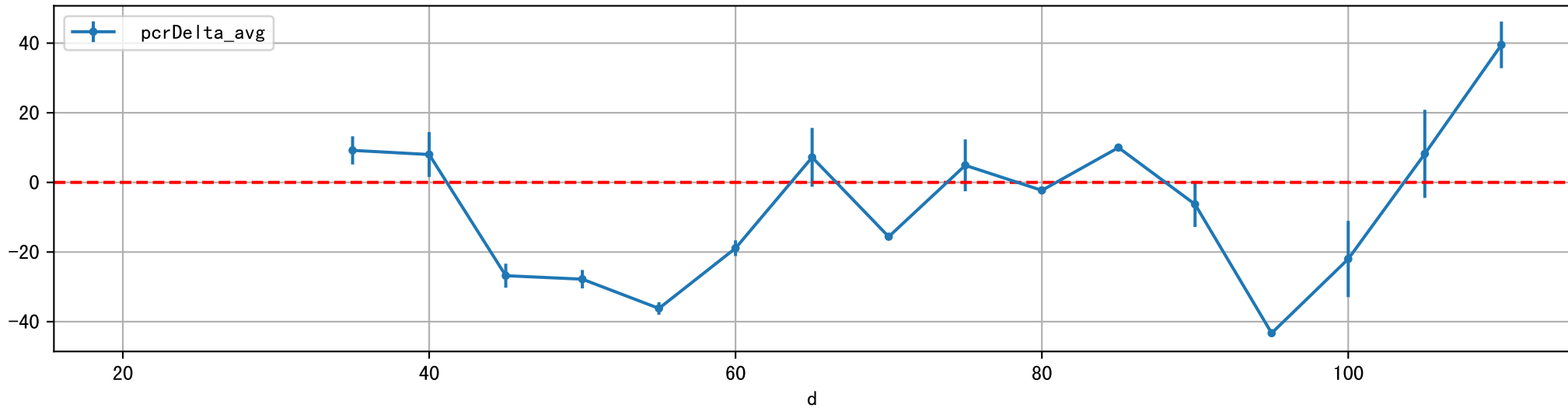
dStH: obsAvg vs obs0v@Q50



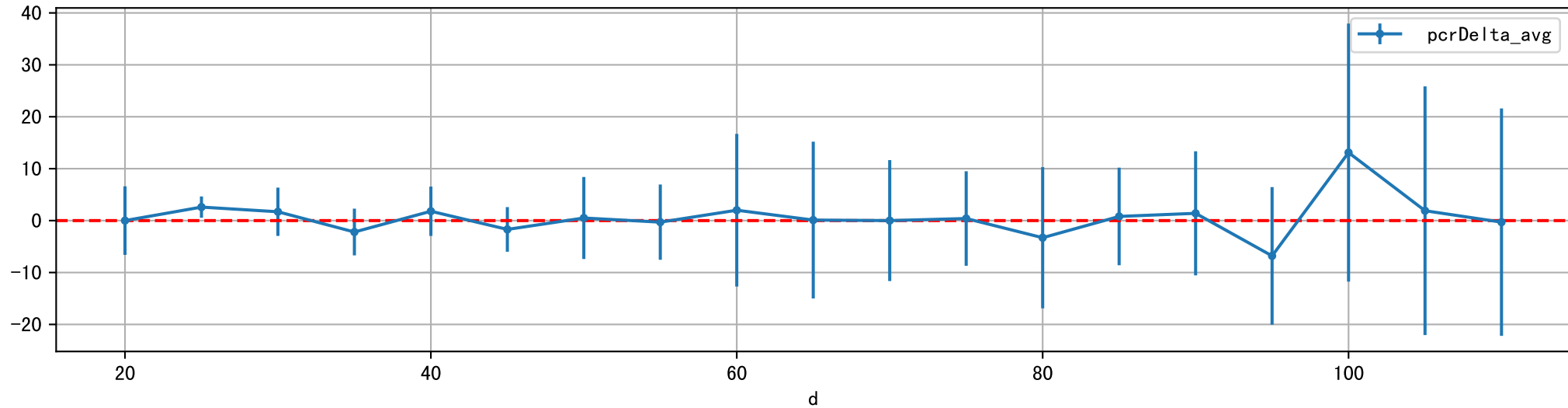
dStH: D_5d_StH



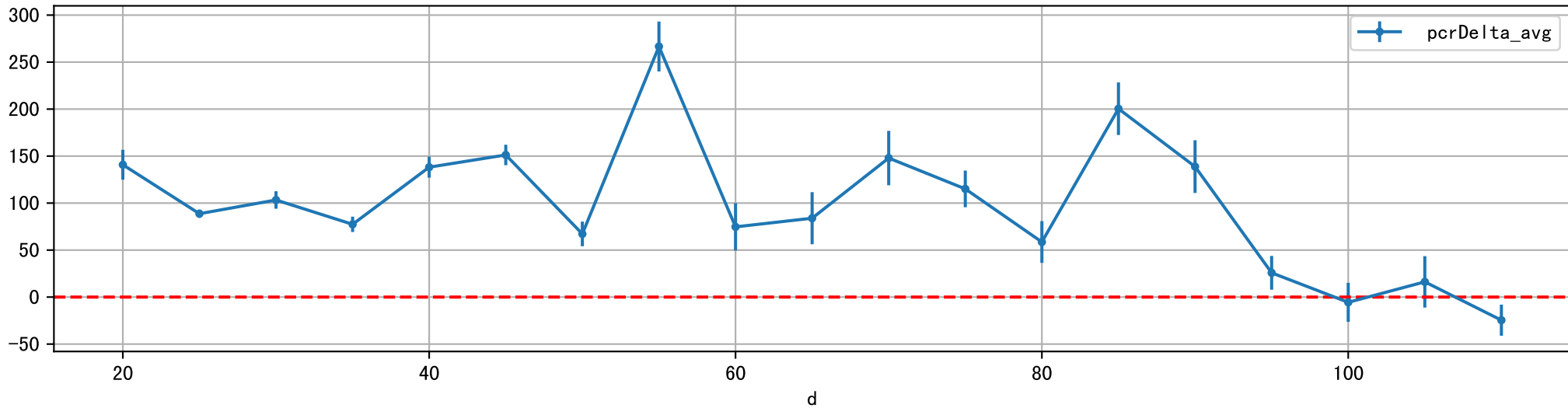
dStH: D_15d_StH



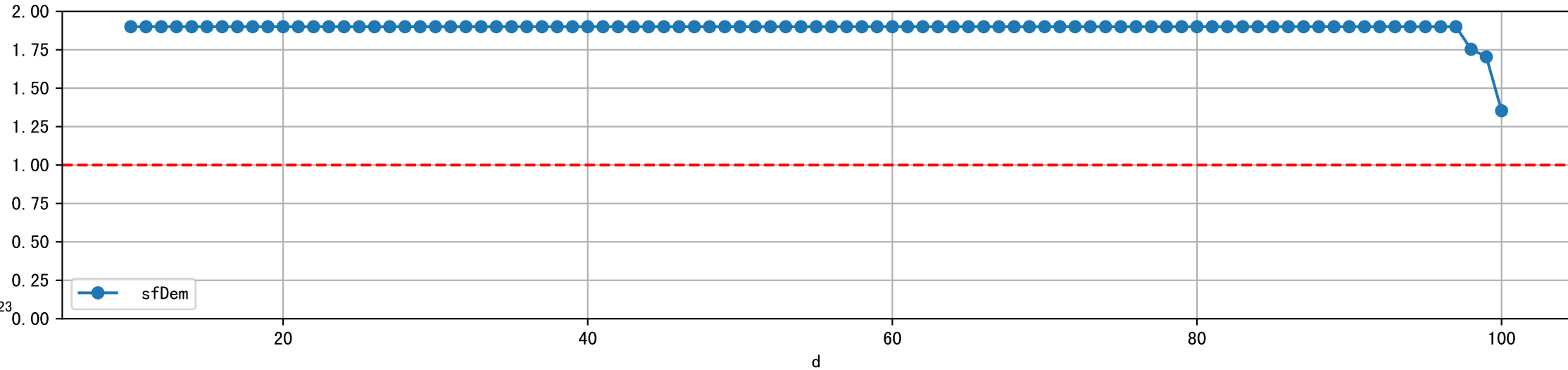
dStH: D_Q50_StH



dStH: D_Est_StH

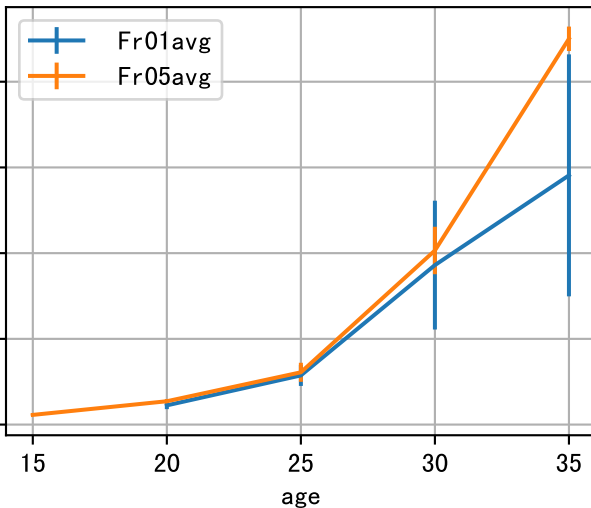


dStH: sfDem

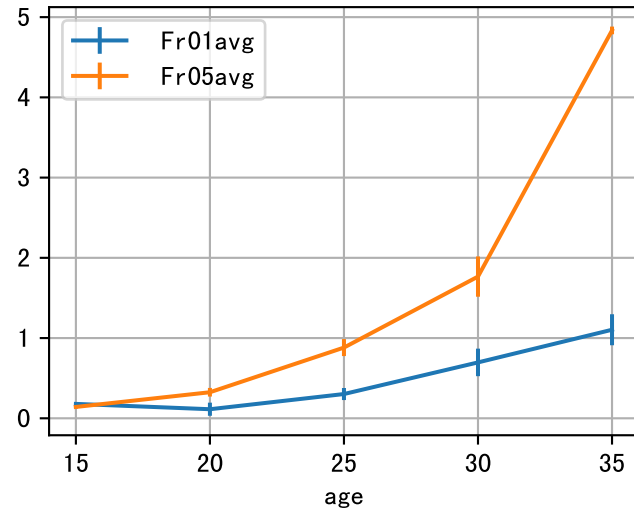


FrV: Fr01 vs Fr05 at each truss

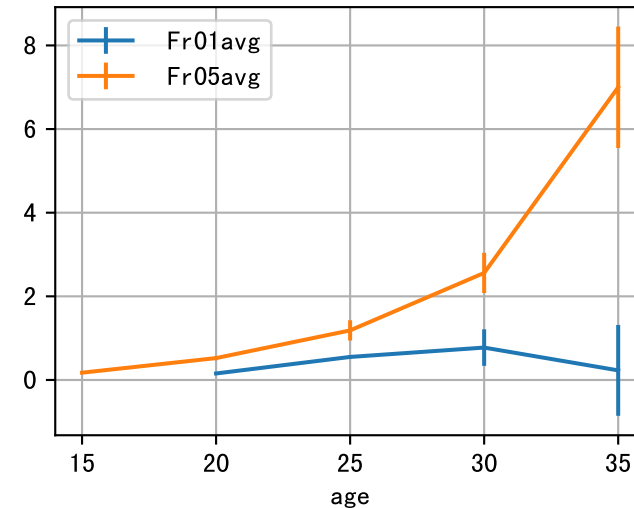
organID=T01



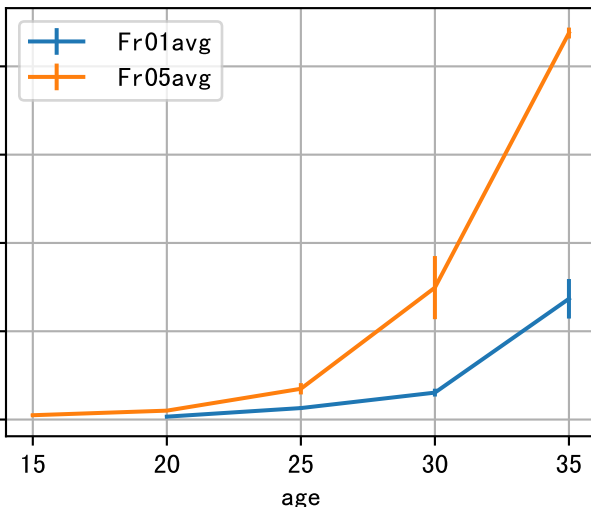
organID=T02



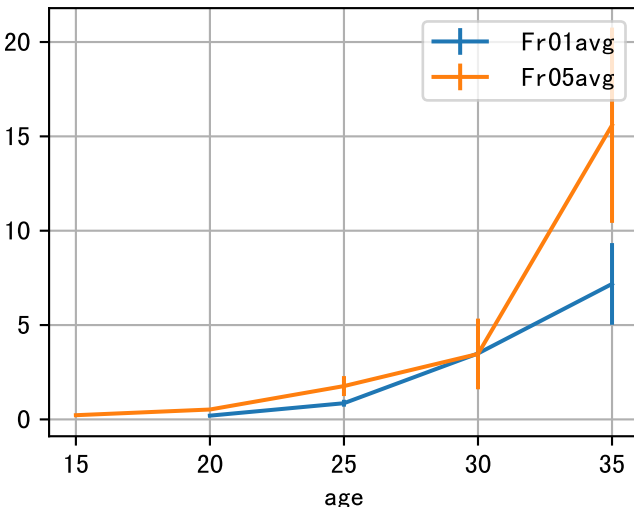
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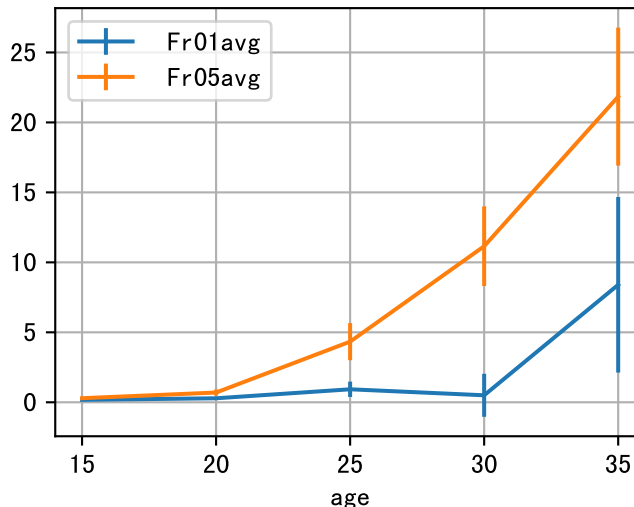
organID=T04



organID=T05

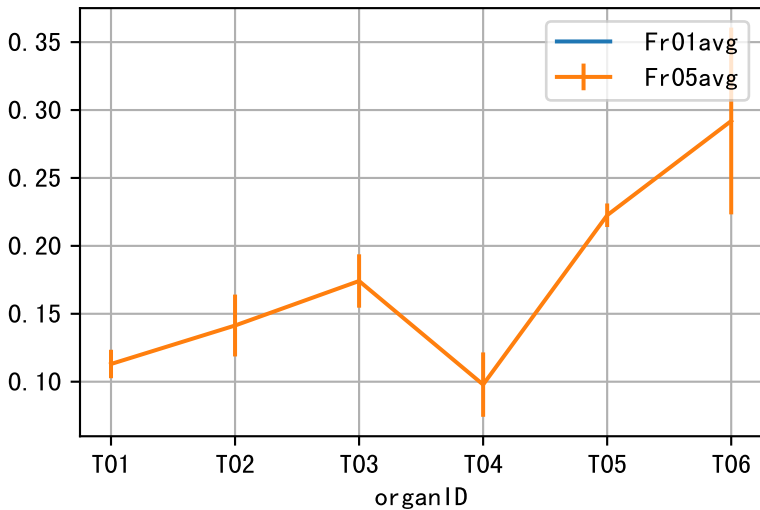


organID=T06

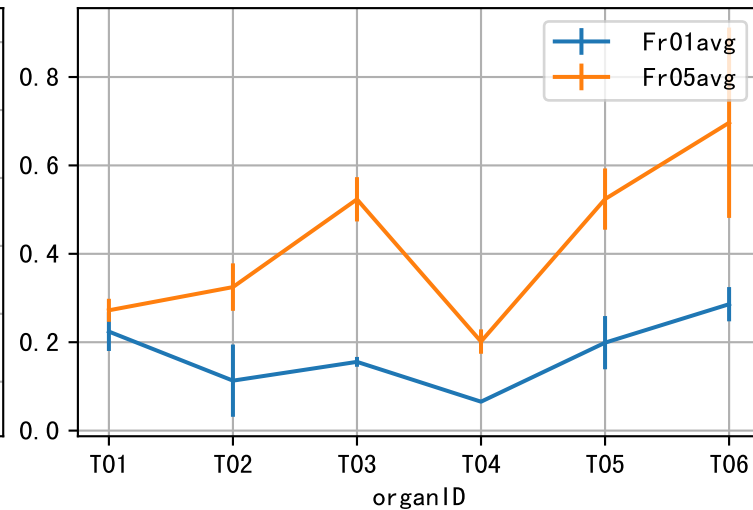


FrV trend at each age

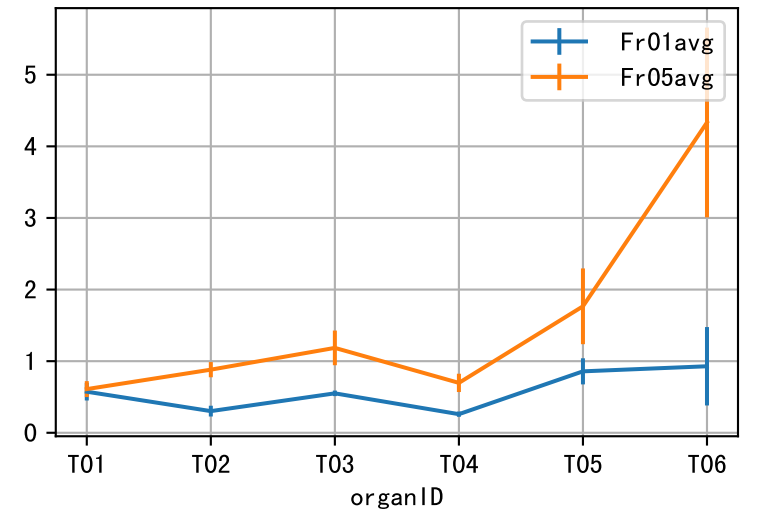
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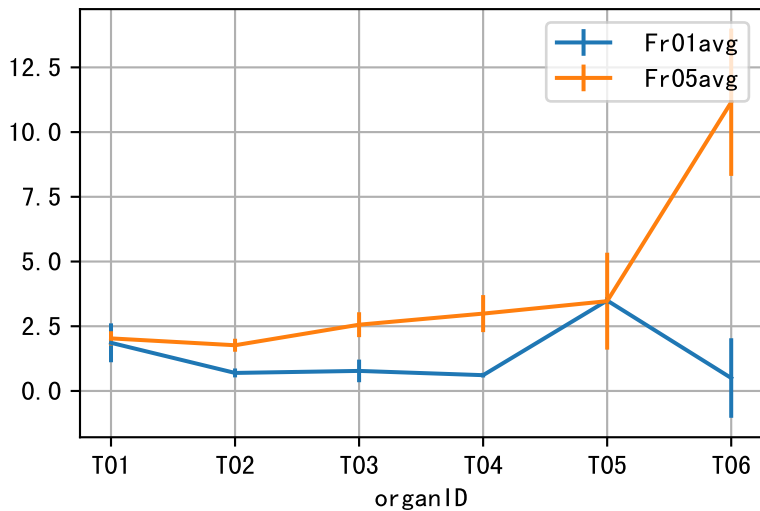
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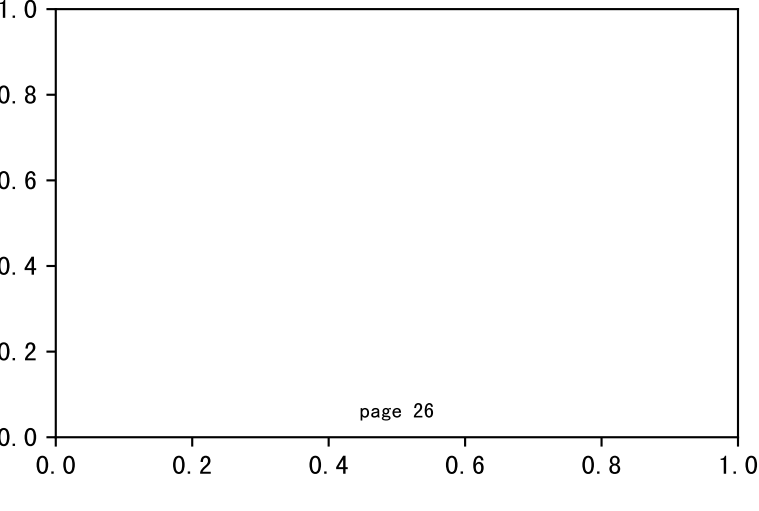
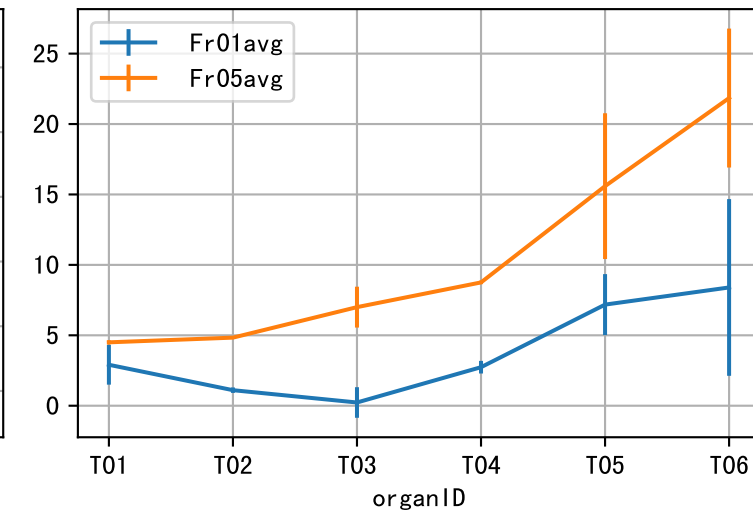
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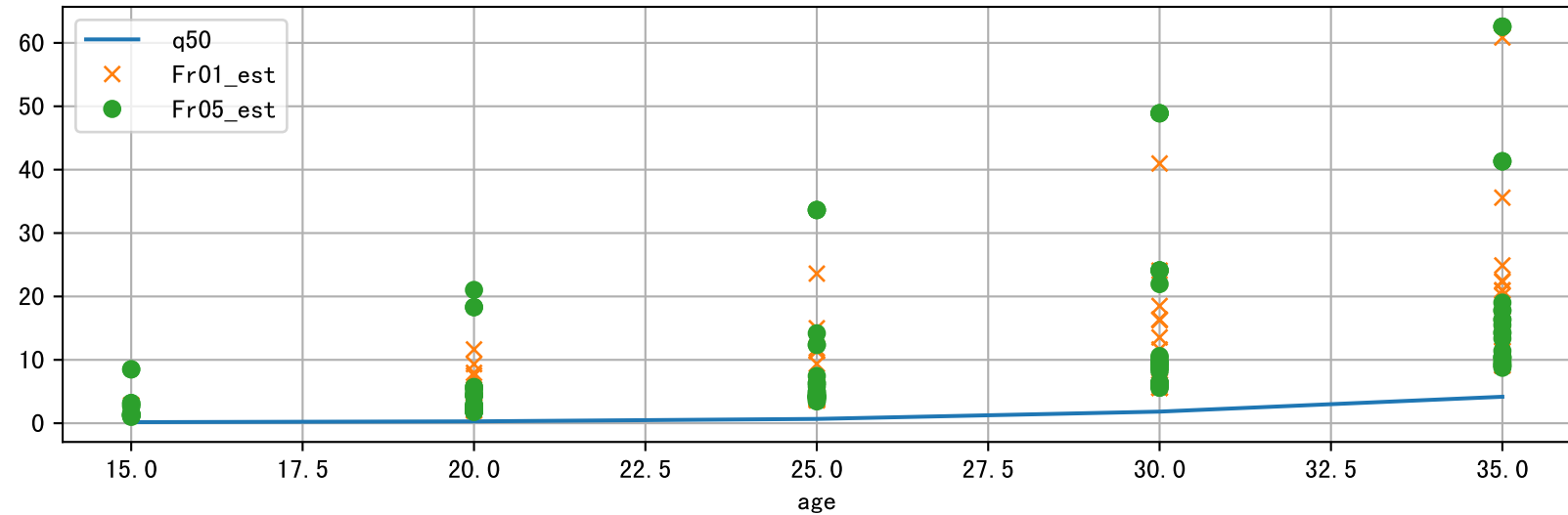
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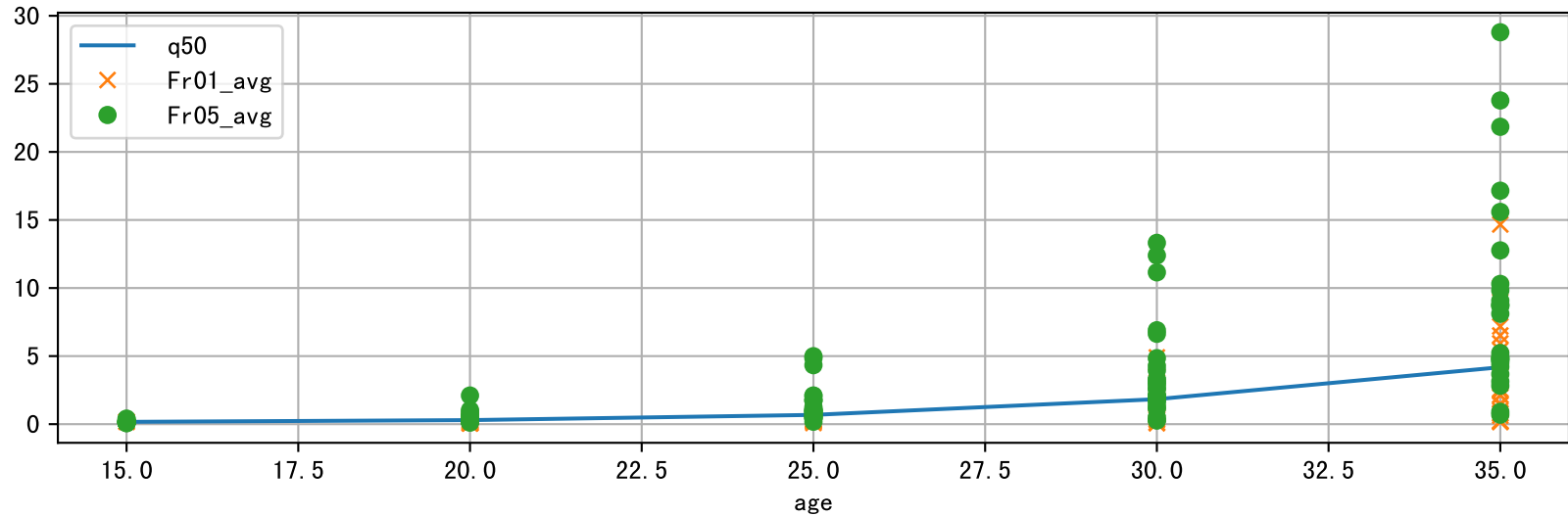
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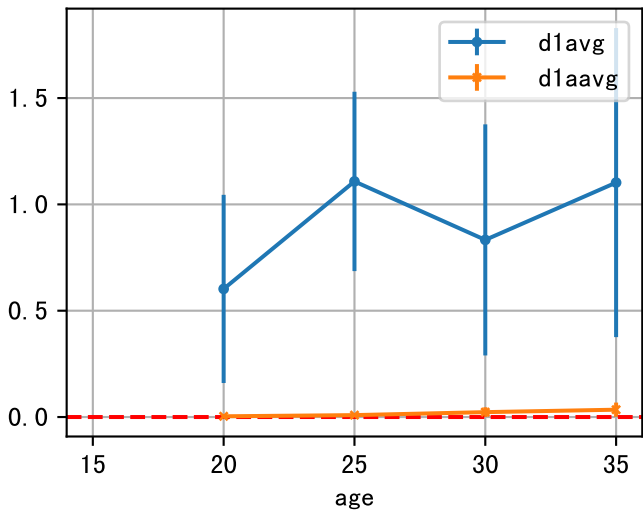
FrV: model Est vs obsFrV at Q90



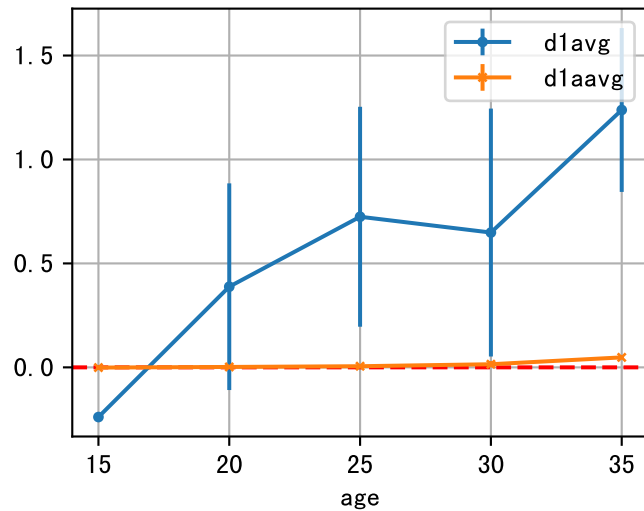
FrV: obsFrV vs obsFrV@Q90



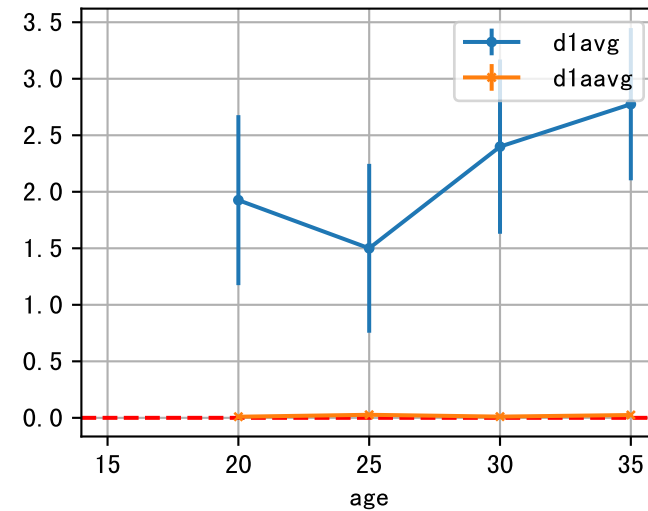
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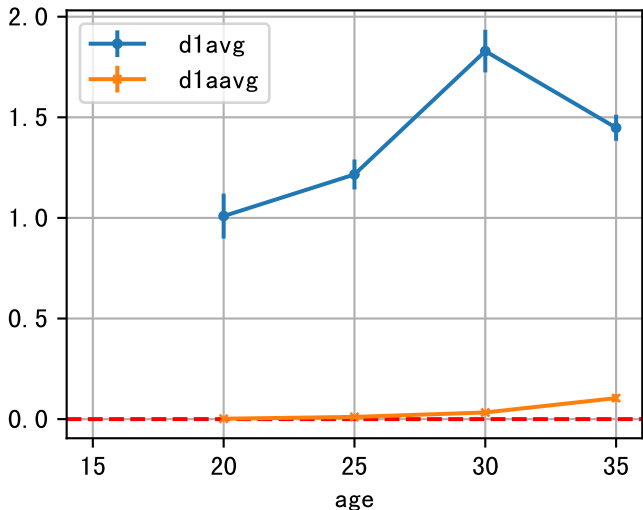
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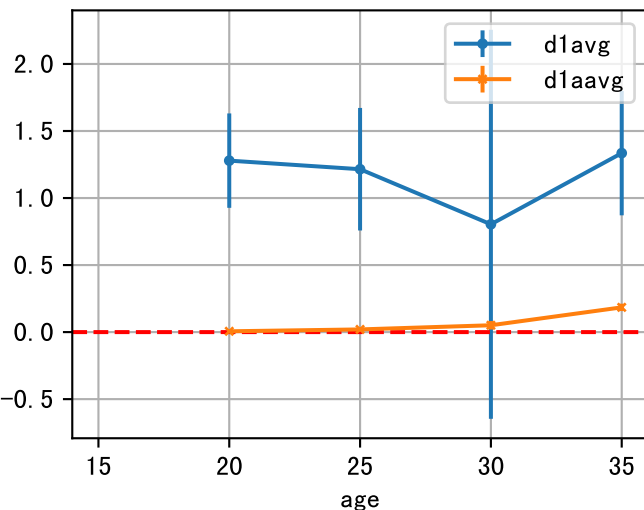
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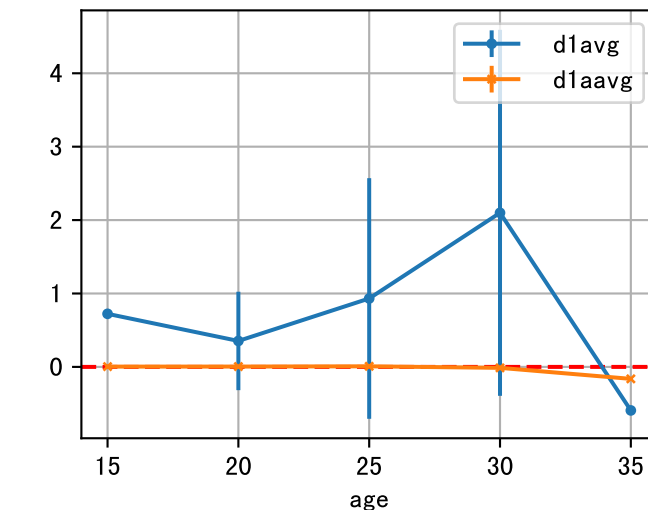
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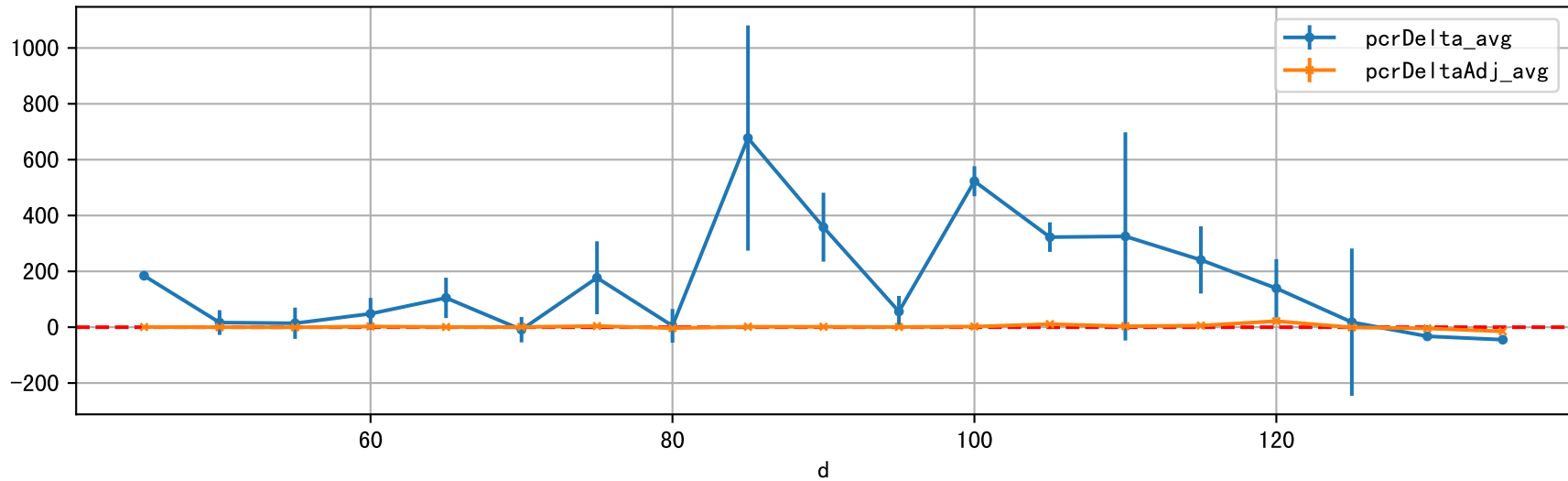
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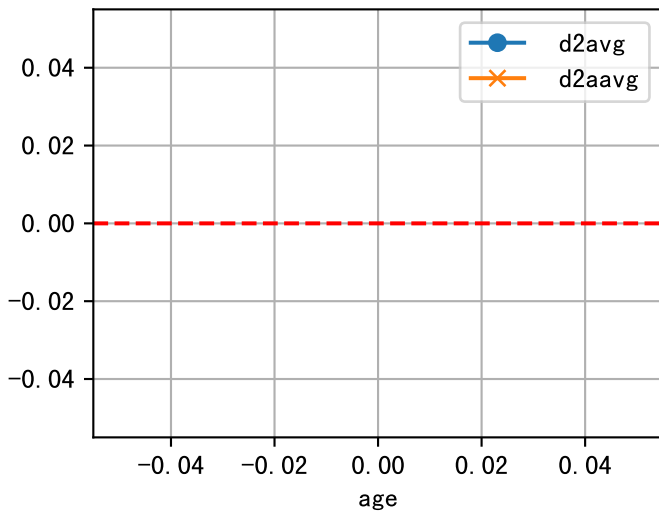
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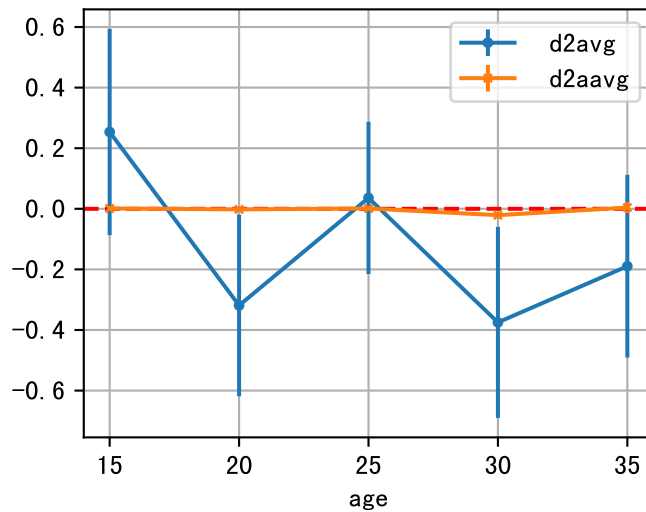
P10AE FrV: D_Fr1_FrV



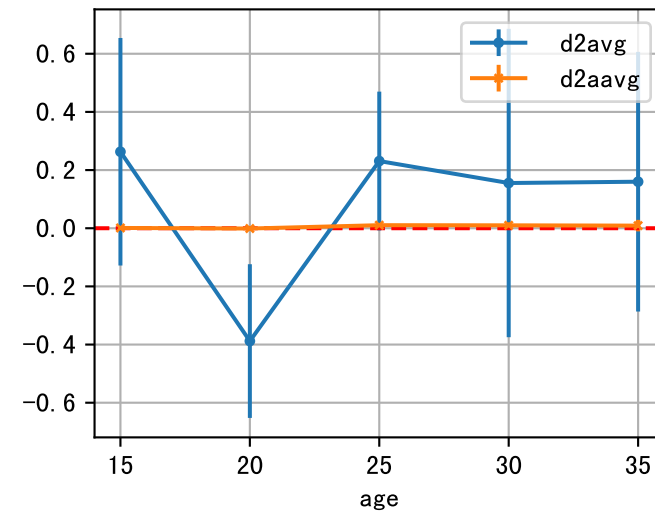
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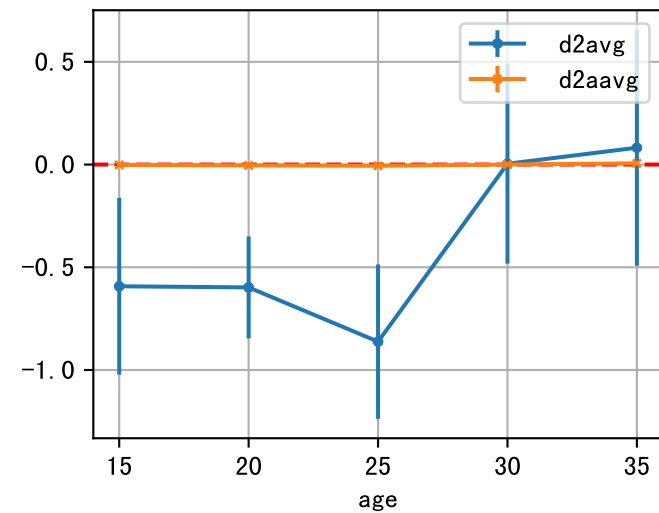
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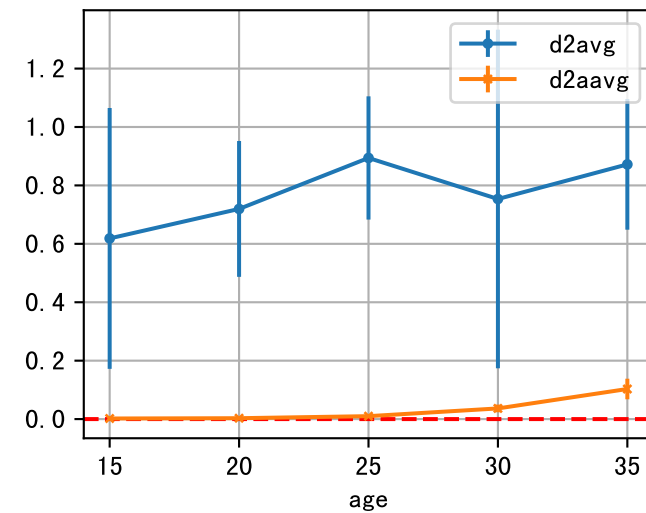
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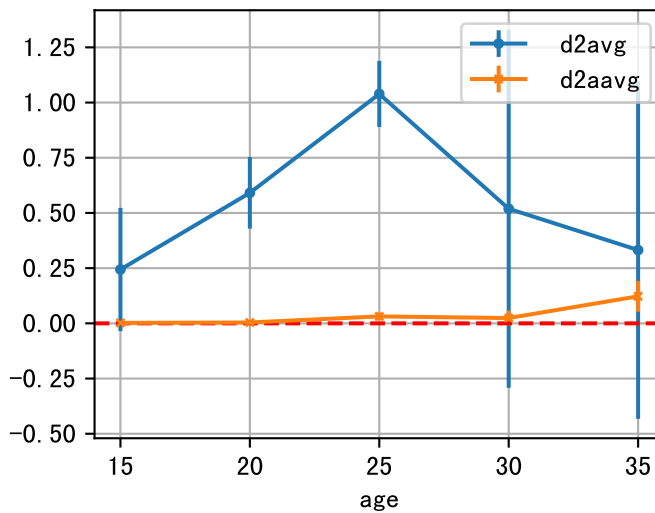
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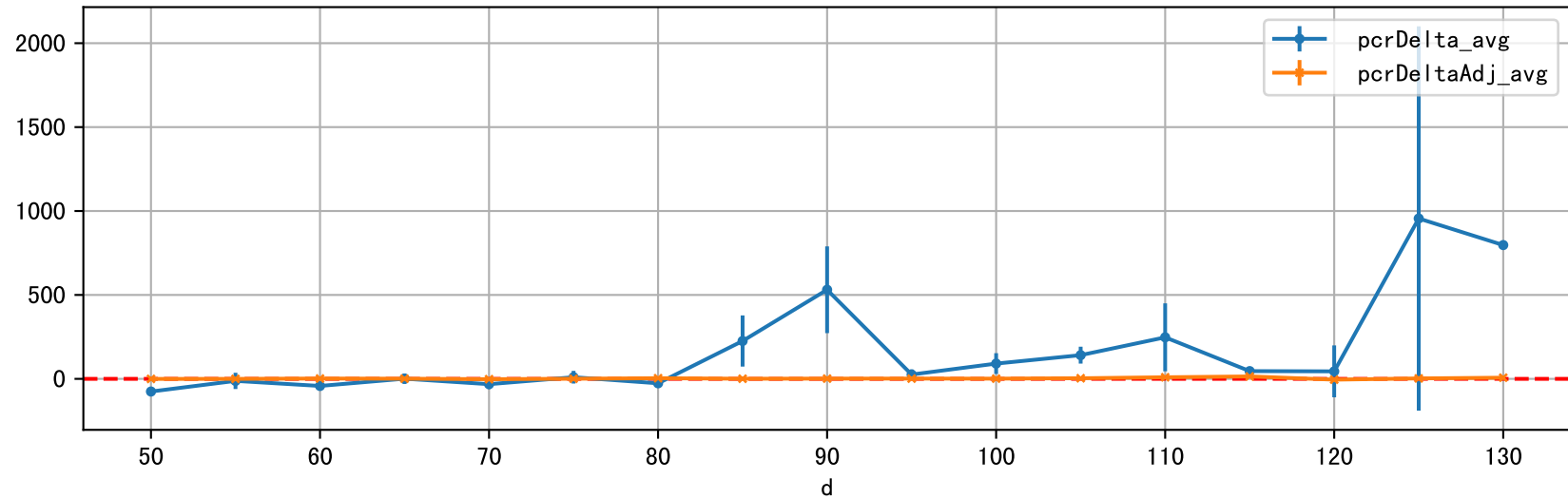
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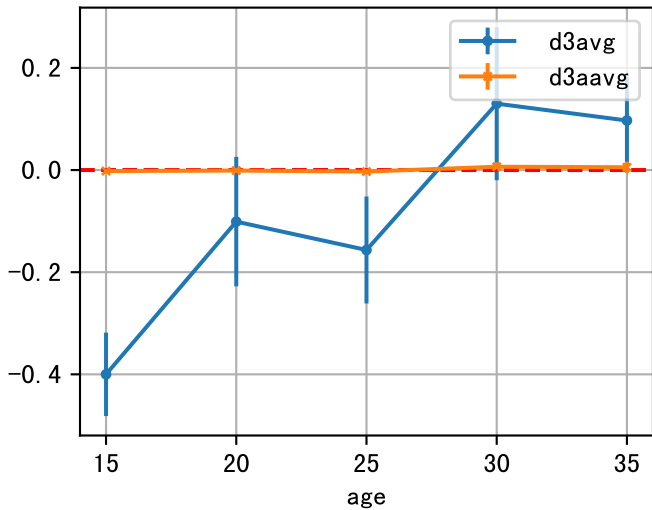
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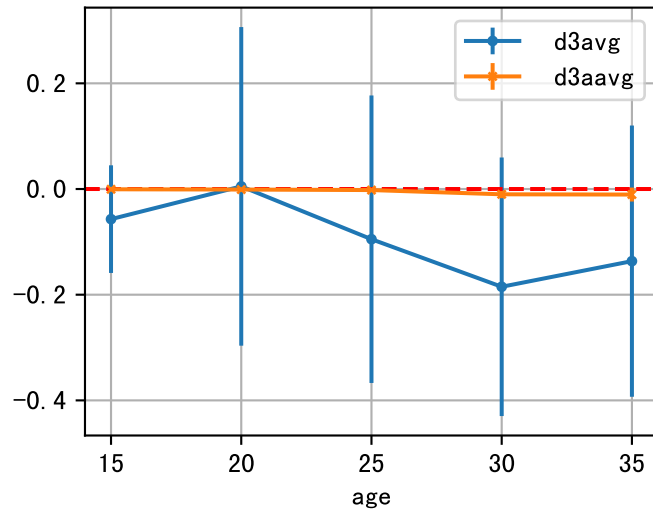
P10AE FrV: D_Ts_FrV



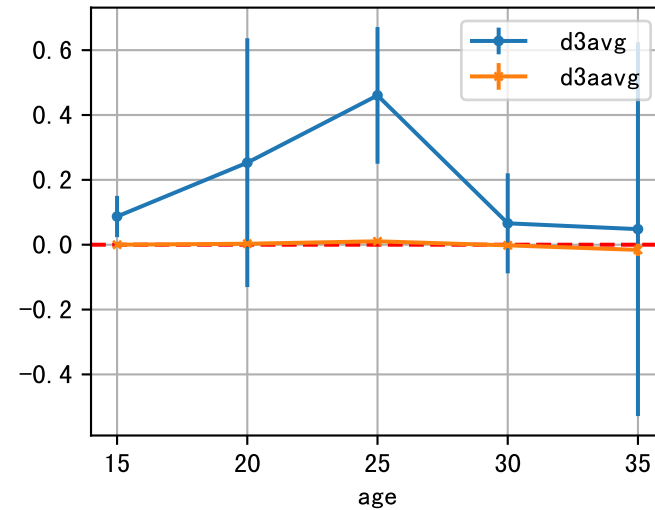
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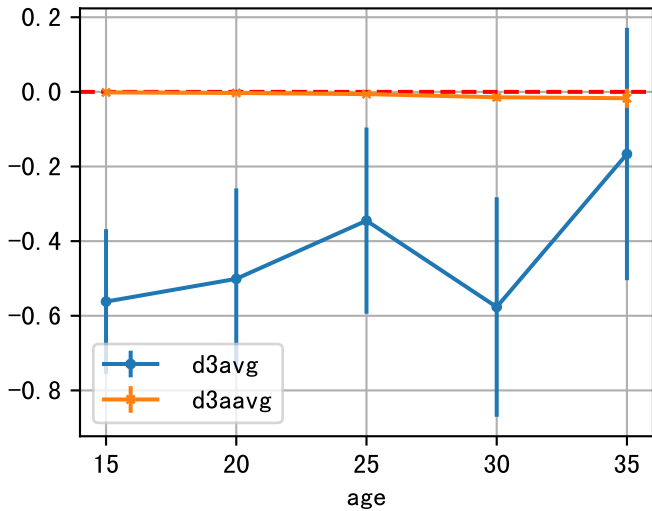
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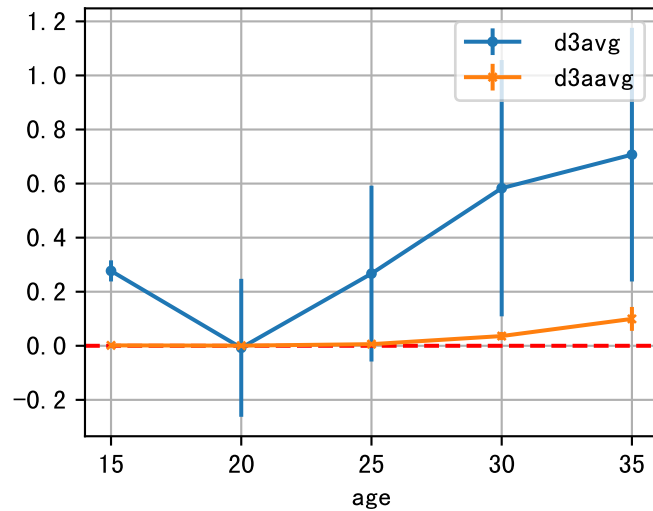
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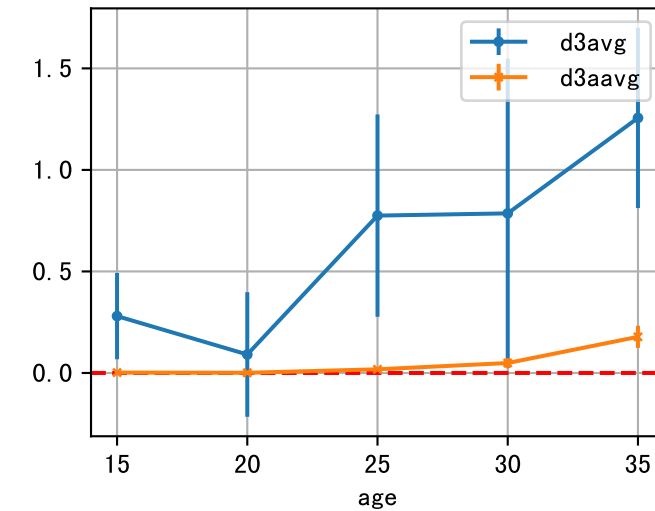
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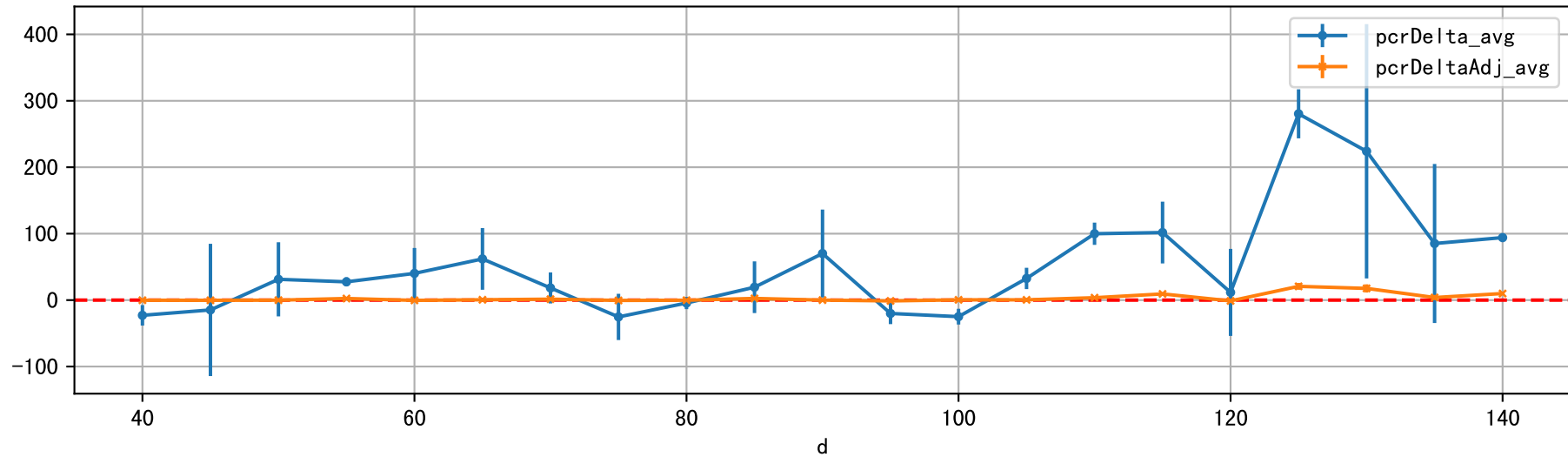
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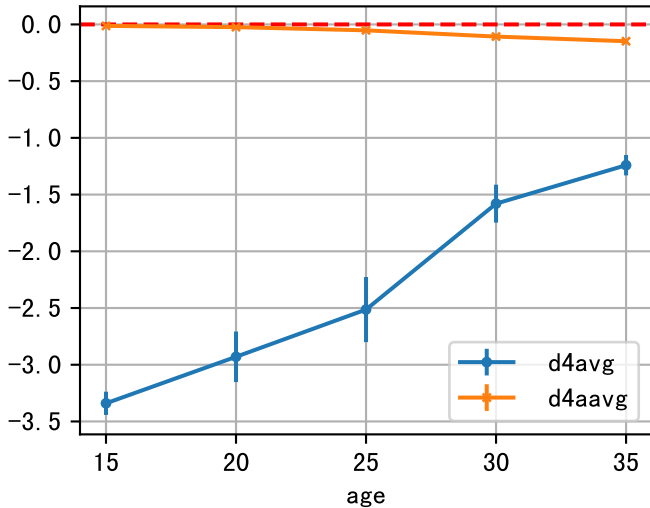
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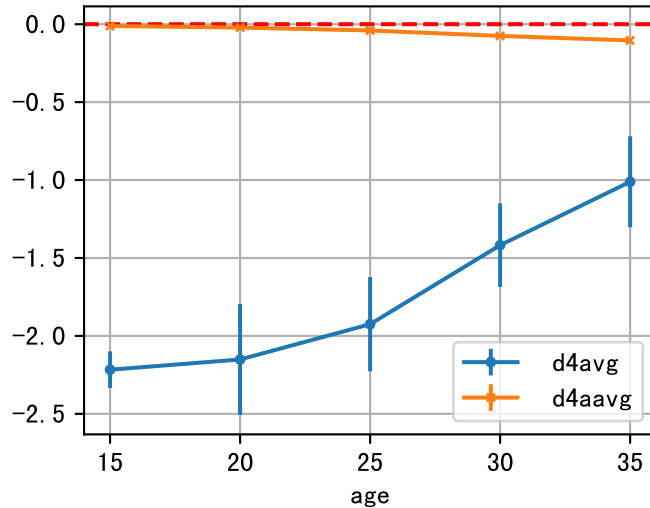
P10AE FrV: D_Q50_FrV



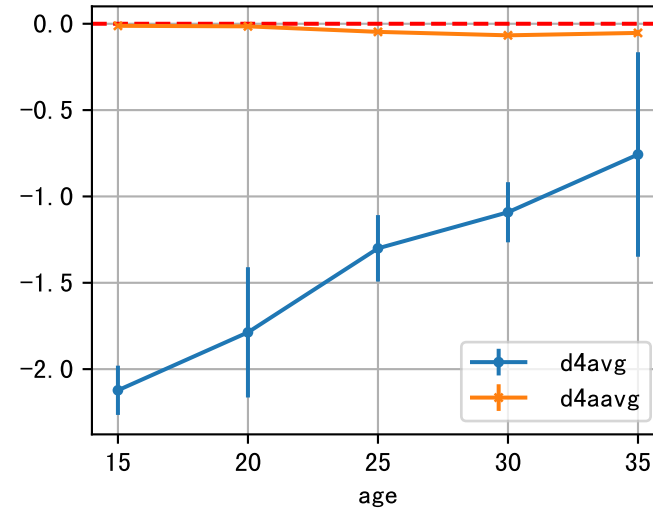
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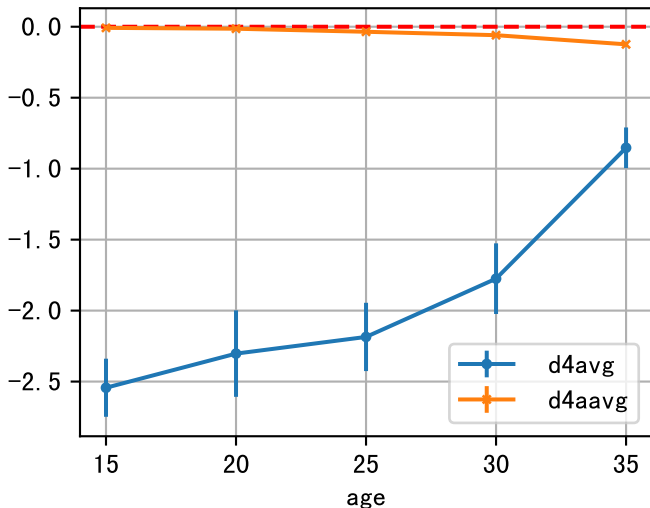
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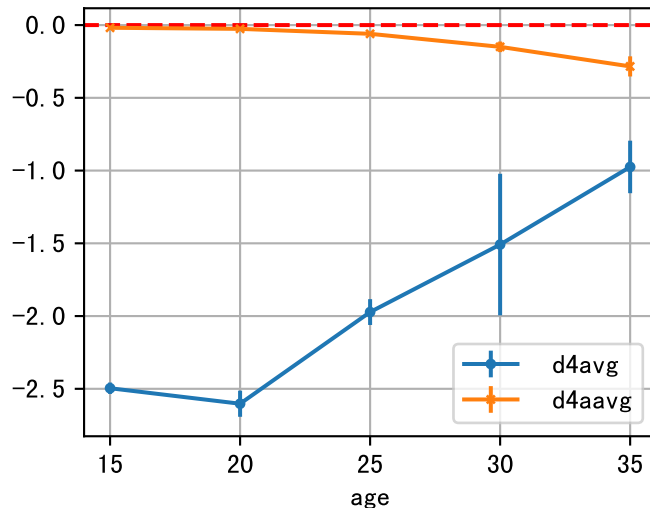
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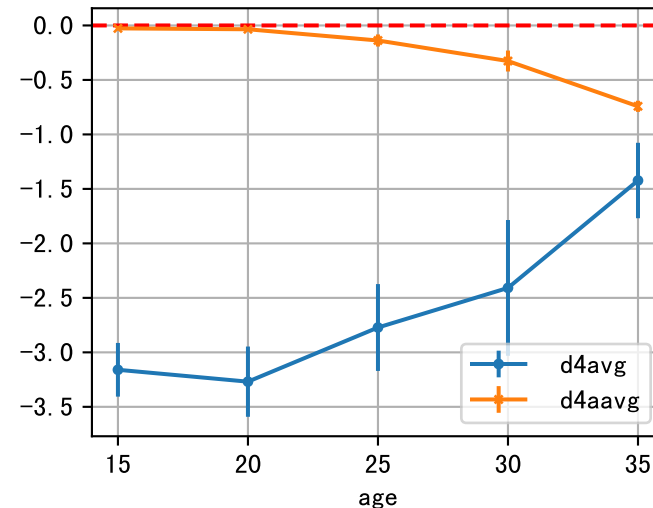


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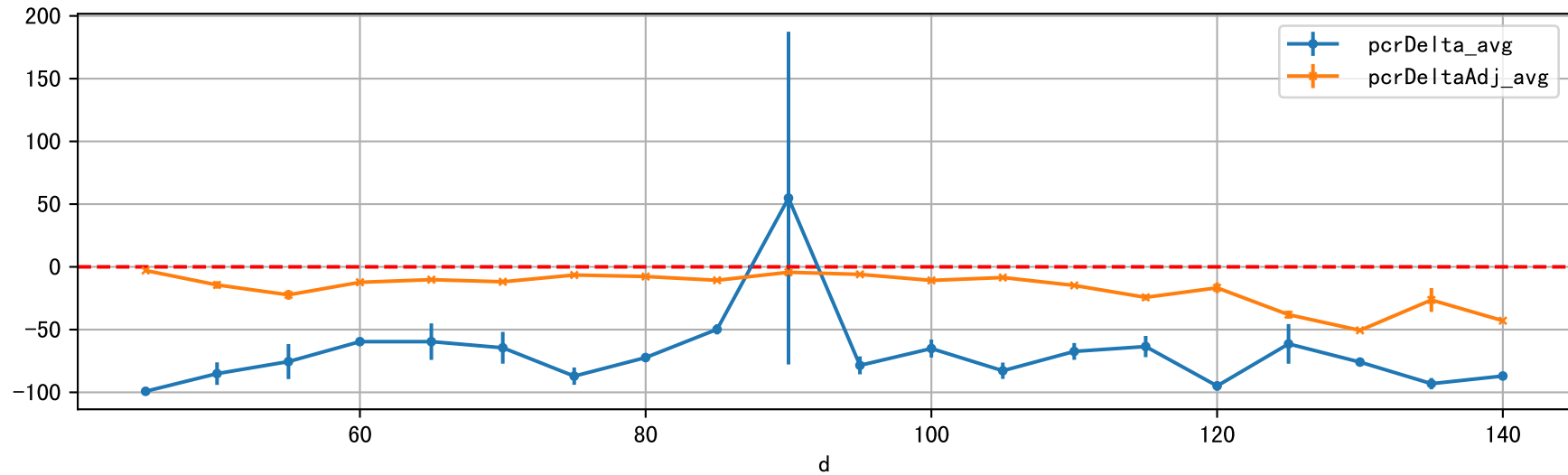


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organID=6



P10AE FrV: D_Est_FrV



P10AE FrV: sfDem

