

Phenotype Data Analysis Plots
PhenoData day range = 18 - 118
Analysis cutoff day = 118
NC11 P10
2026-02-14 (Day 119)

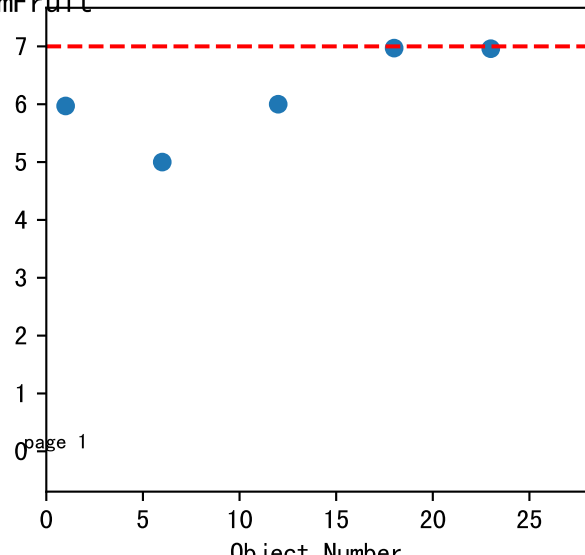
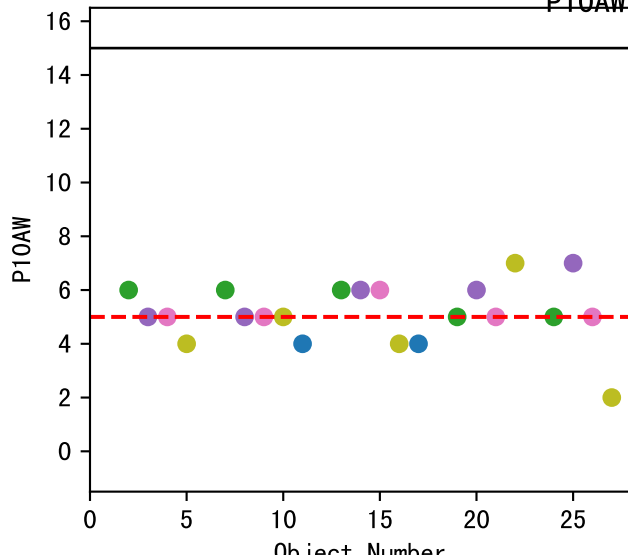
avg1=0.00% avg2=na
P10AW TrimTruss

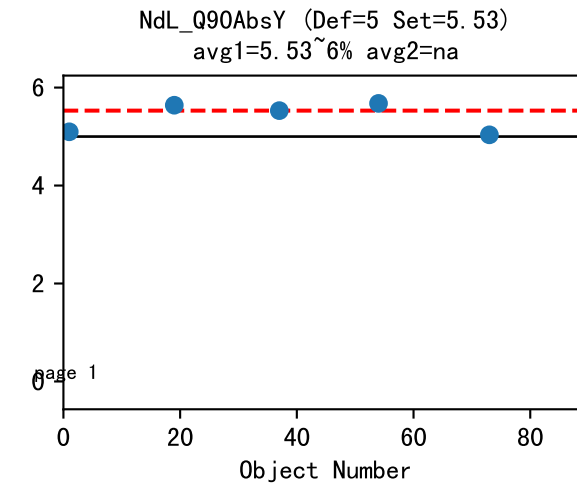
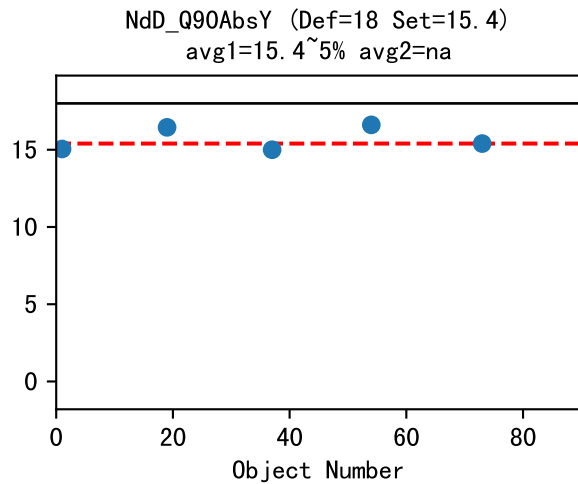
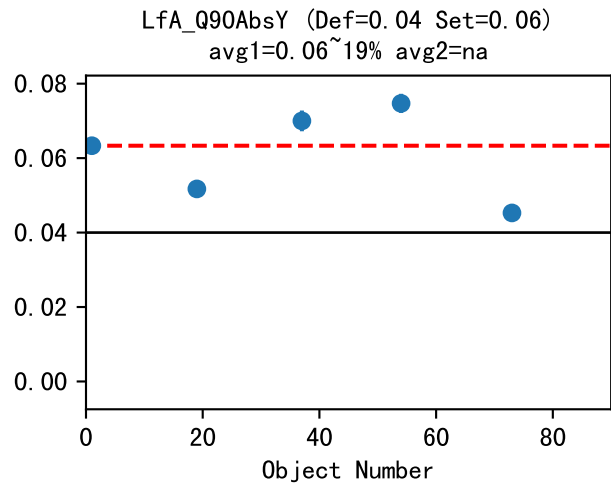
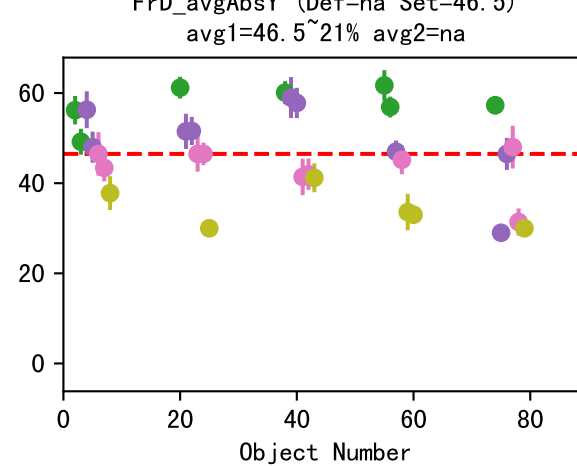
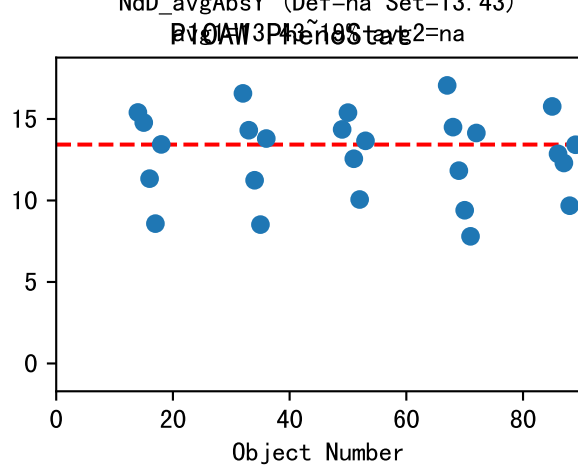
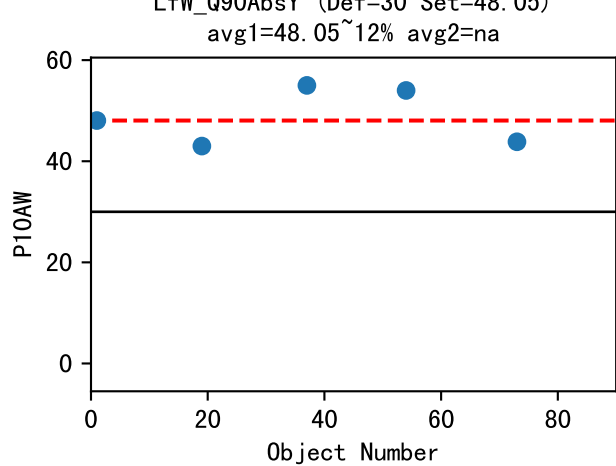


avg1=5.0 18% avg2=na

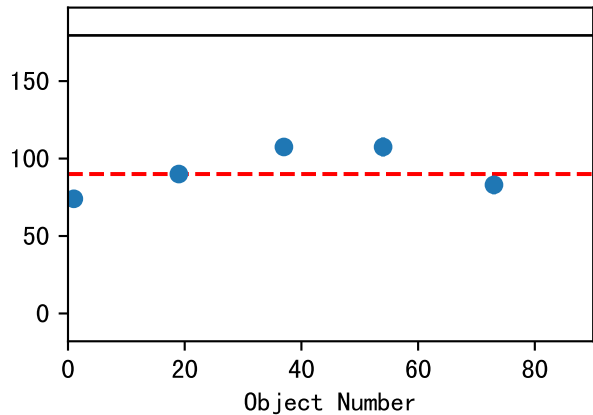
P10AW TrimFruit

avg1=7.0 12% avg2=na

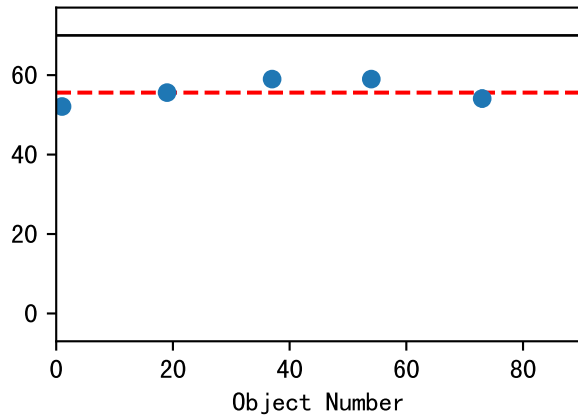




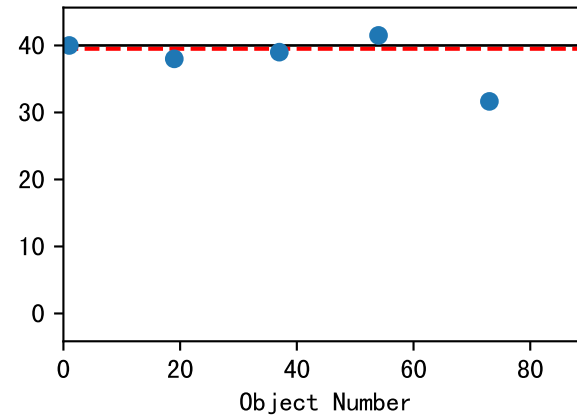
FrV_Q90AbsY (Def=179.5 Set=90.01)
avg1=90.01~17% avg2=na



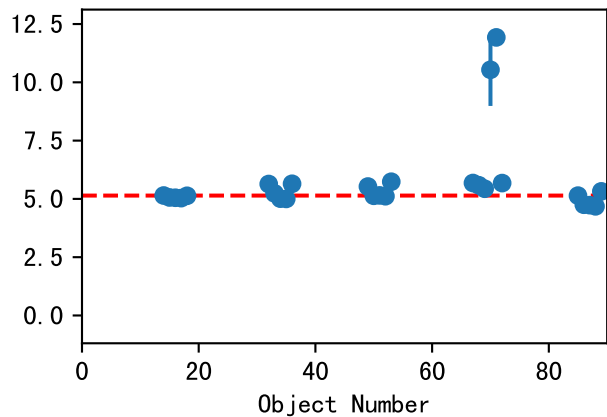
FrV_Q90AbsY (Def=70 Set=55.6)
avg1=55.6~5% avg2=na



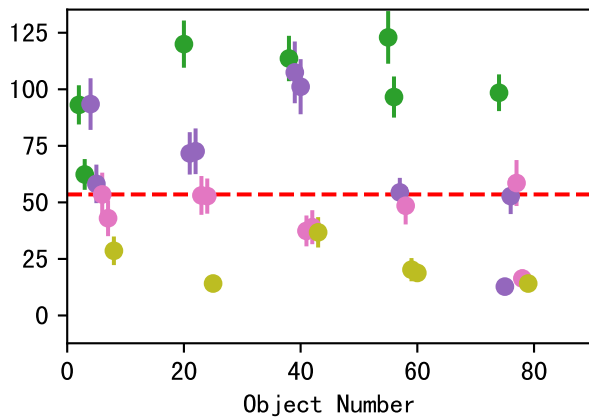
LfL_Q90AbsY (Def=40 Set=39.5)
avg1=39.5~4% avg2=na



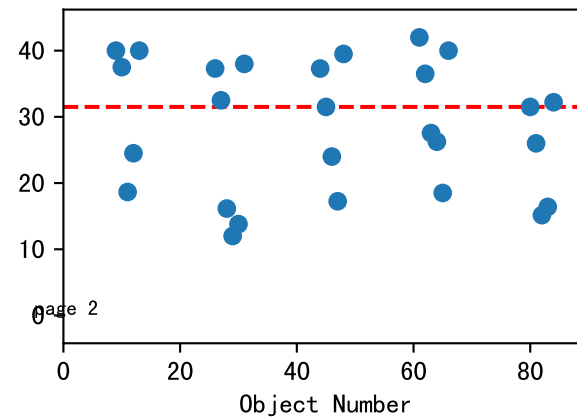
NdL_avgAbsY (Def=na Set=5.14)
avg1=5.14~6% avg2=na



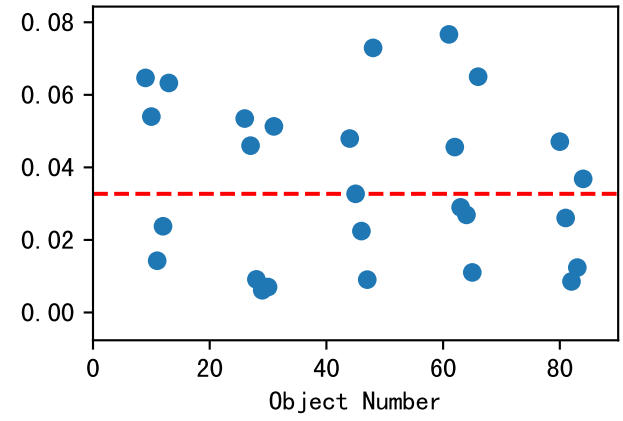
FrV_avgAbsY (Def=na Set=53.51)
avg1=53.51~63% avg2=na



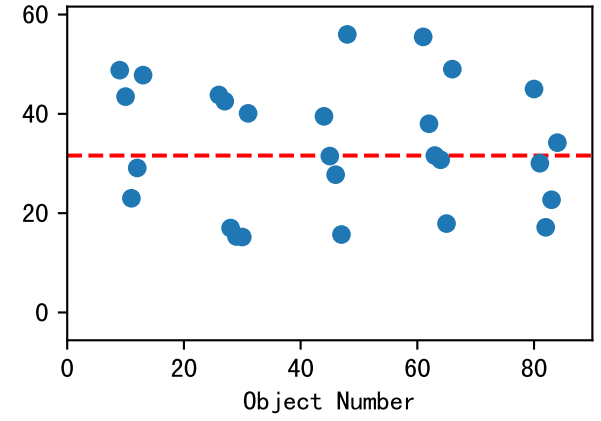
LfL_avgAbsY (Def=na Set=31.5)
avg1=31.5~31% avg2=na



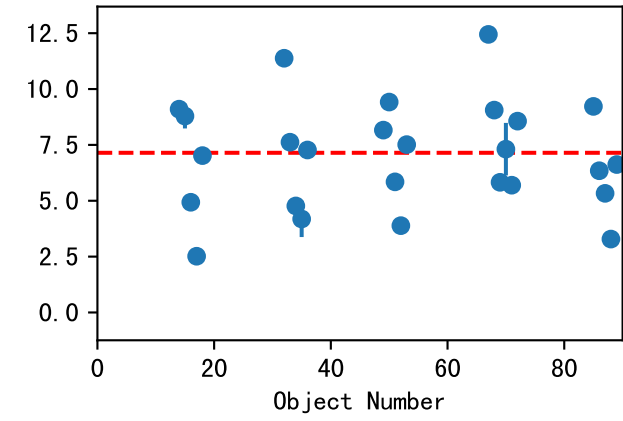
LTA_avgAbsY (Def=na Set=0.03)
avg1=0.03~68% avg2=na



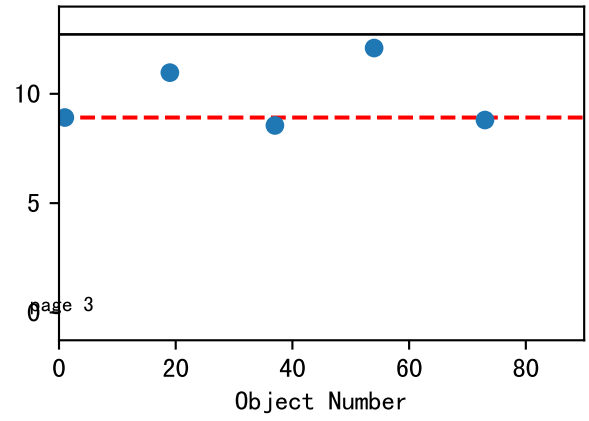
LTW_avgAbsY (Def=na Set=31.6)
avg1=31.6~41% avg2=na



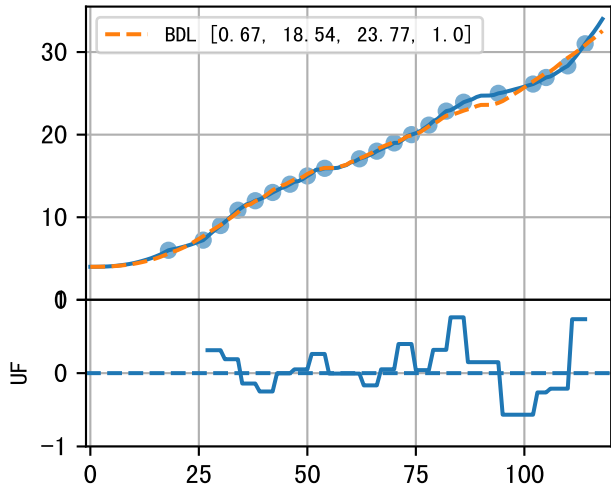
NdV_avgAbsY (Def=na Set=7.13)
avg1=7.13~34% avg2=na



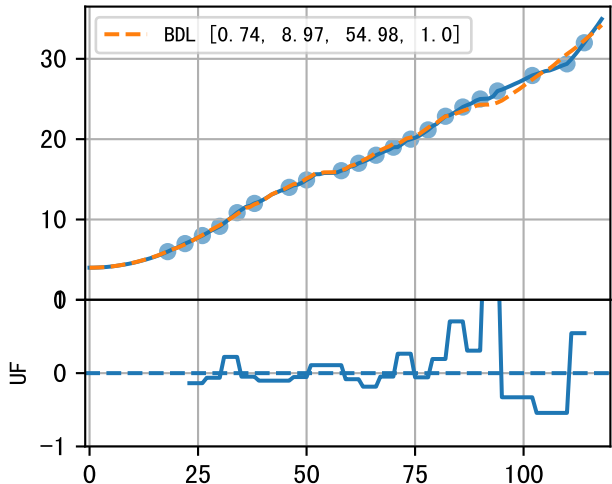
NdV_Q90AbsY (Def=12.72 Set=8.92)
avg1=8.92~18% avg2=na



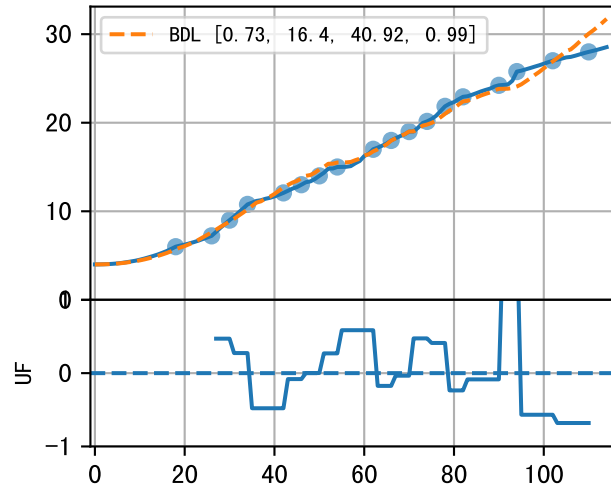
P10AW-004-12 (fit failed)



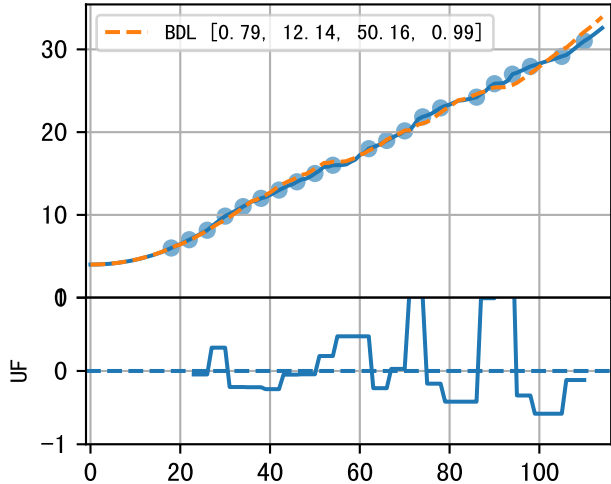
P10AW-010-25 (fit failed)



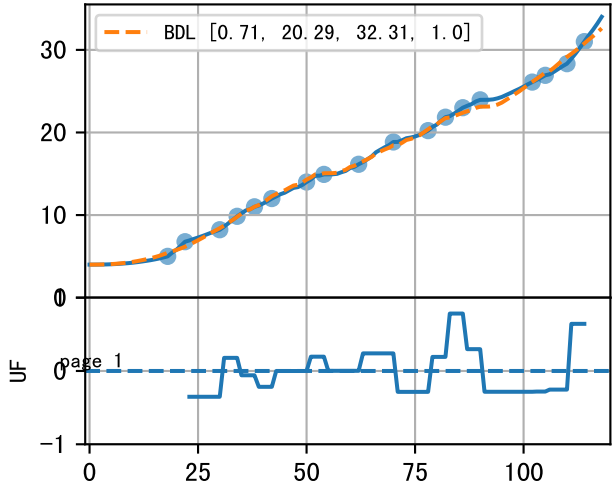
P10AW-017-16 (fit failed)



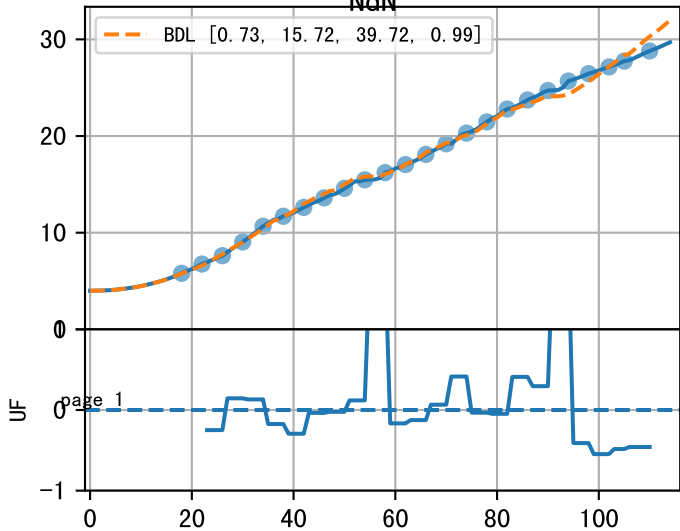
P10AW-025-3 (fit failed)



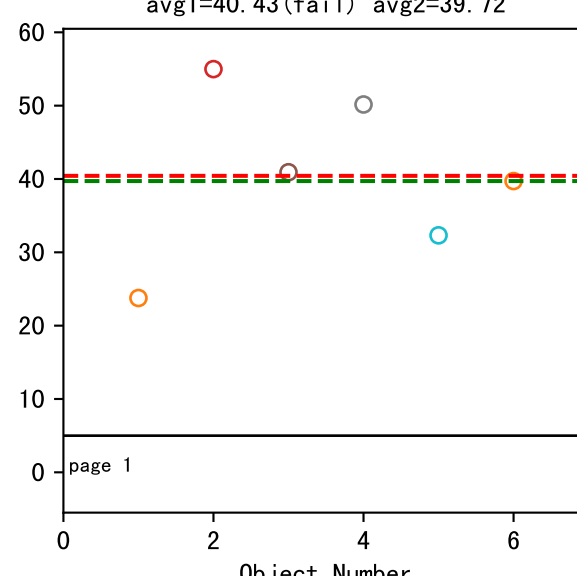
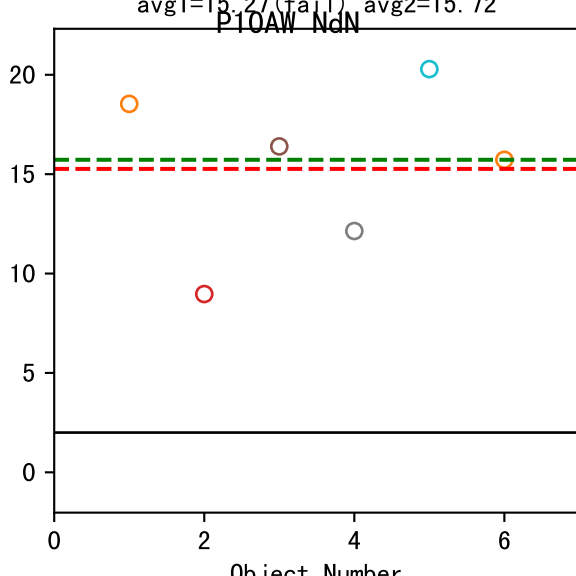
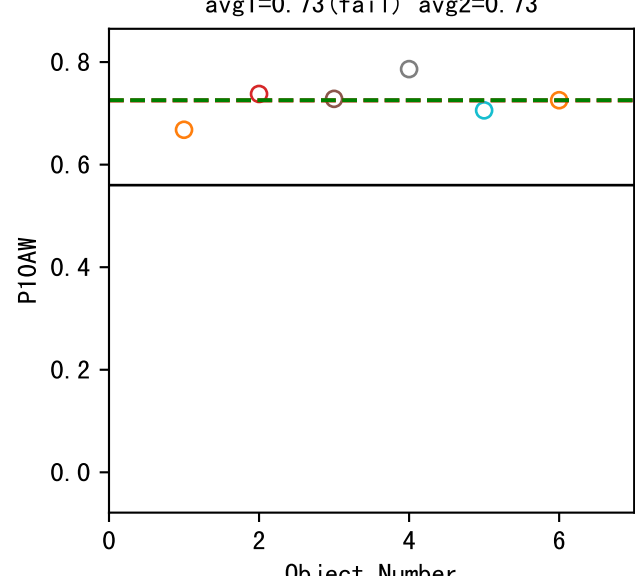
P10AW-032-33 (fit failed)

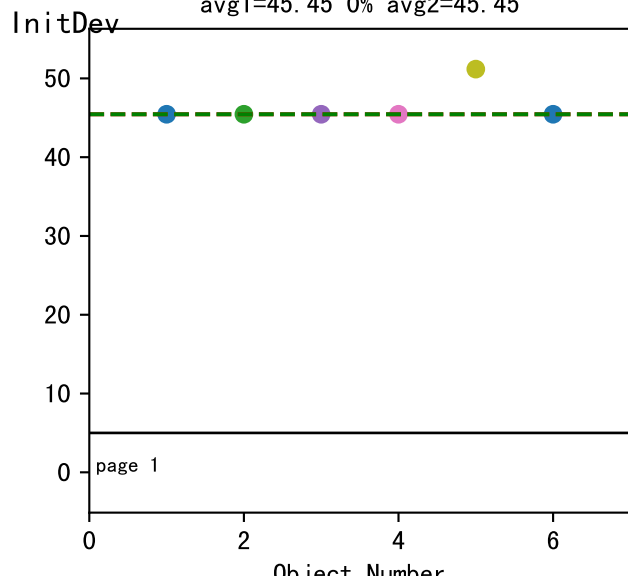
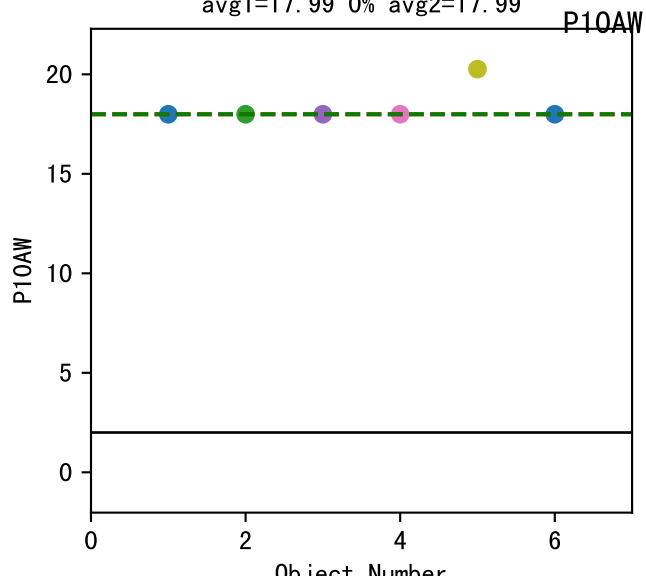


PIOWavg (left tailed)

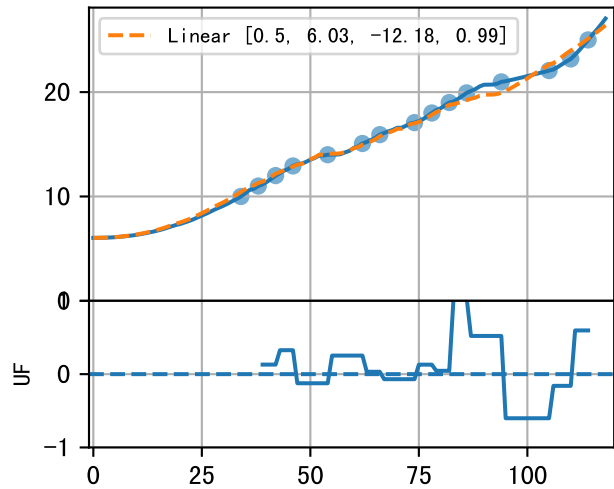


page 1

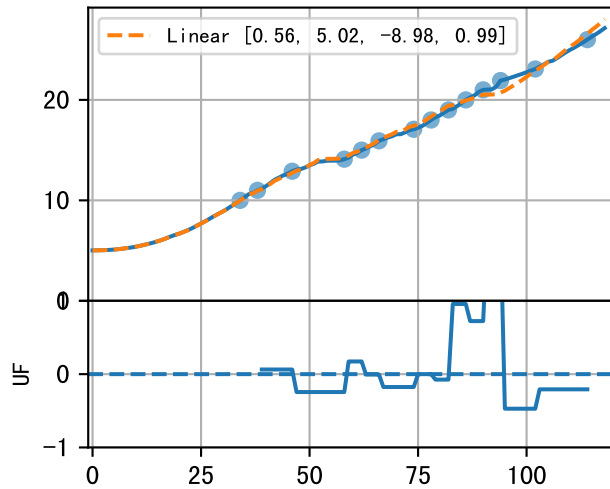




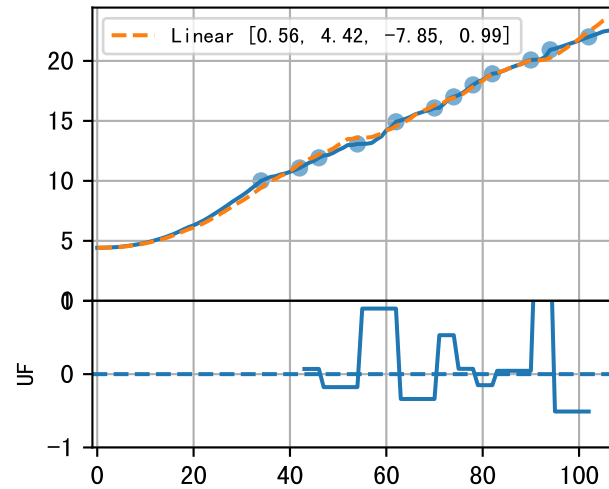
P10AW-004-12



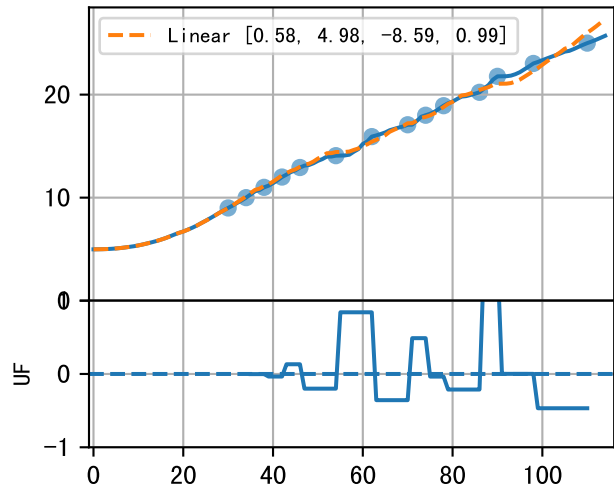
P10AW-010-25



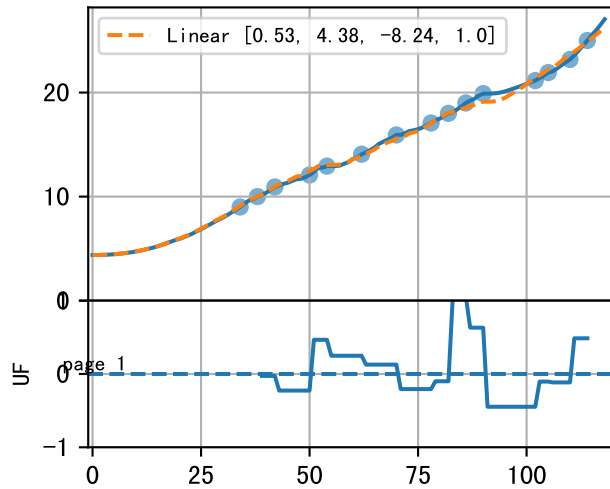
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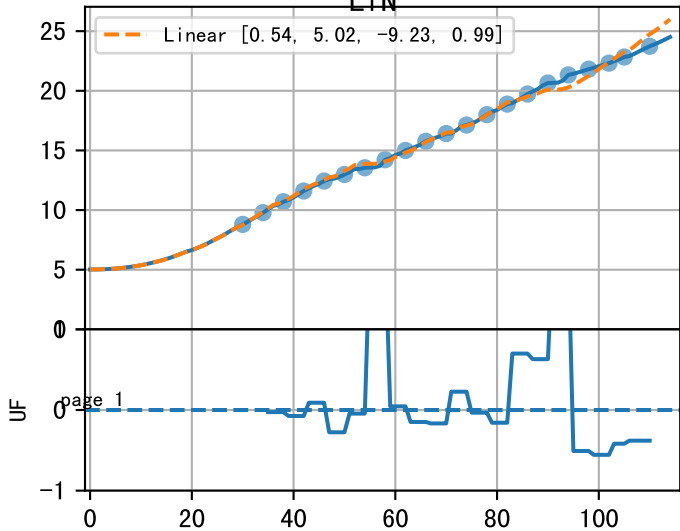
P10AW-025-3

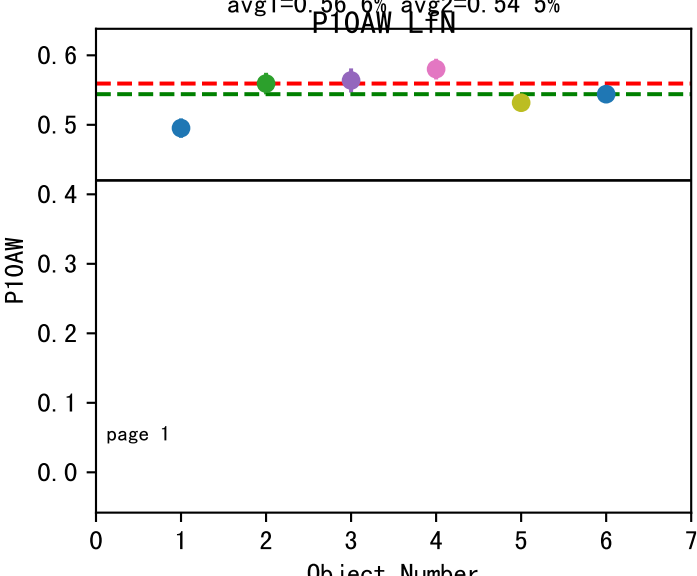


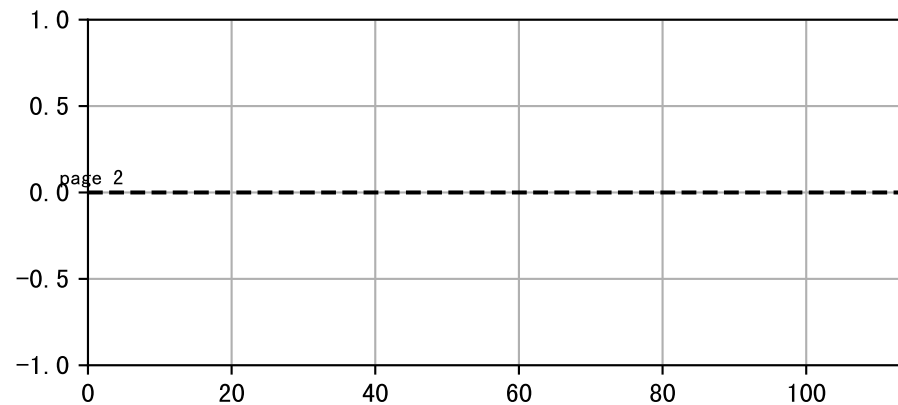
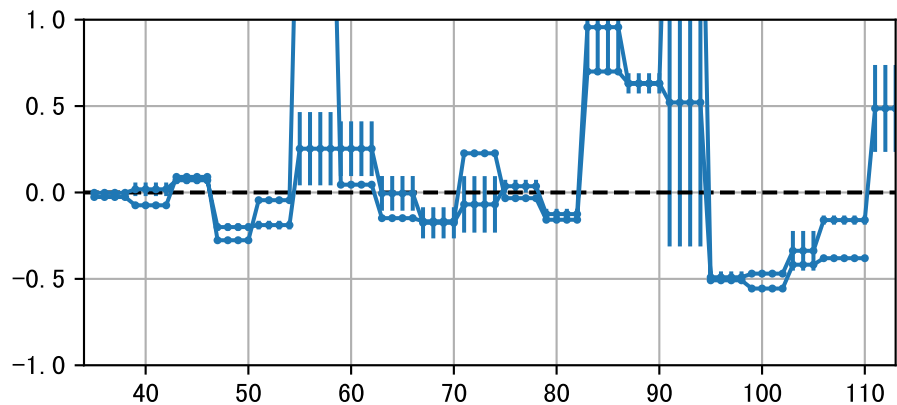
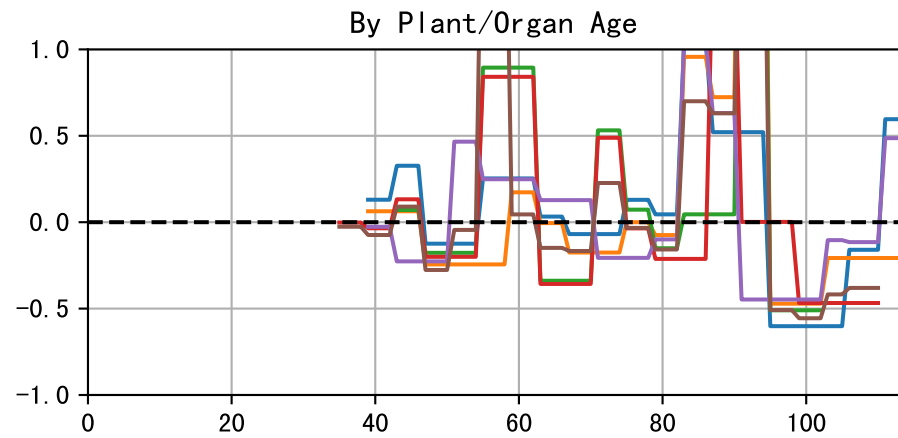
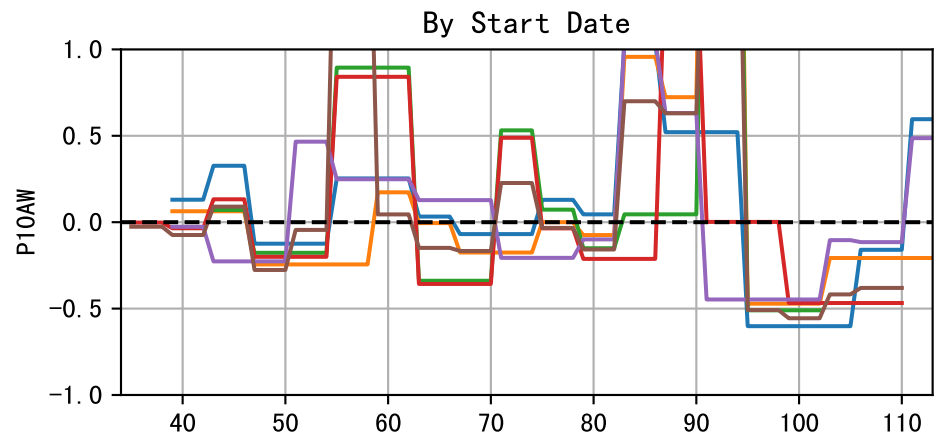
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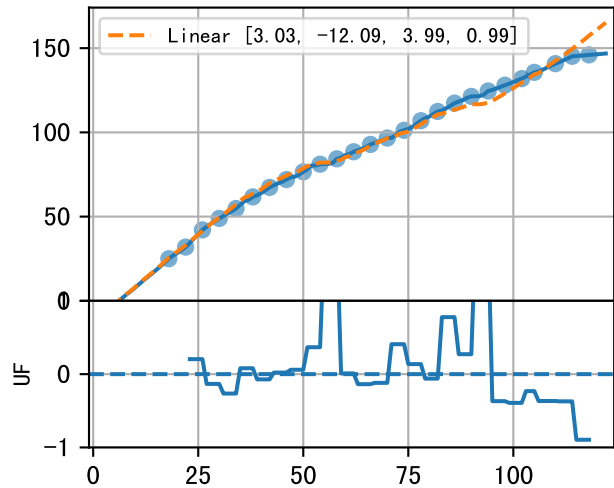
PTUavg
Lfn



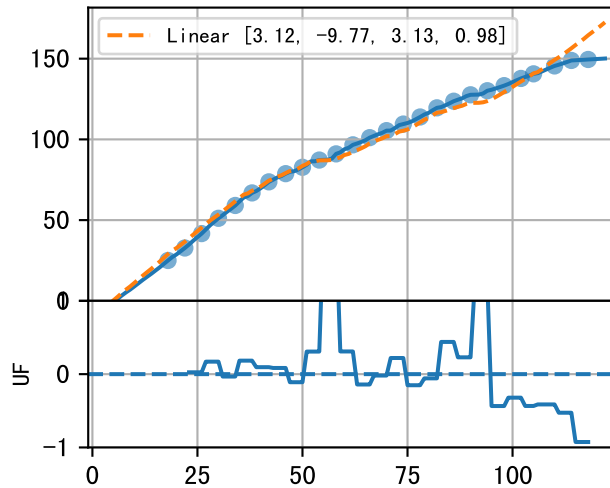




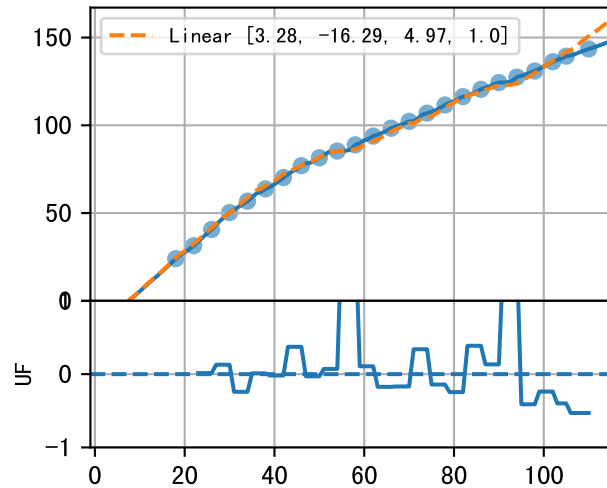
P10AW-004-12



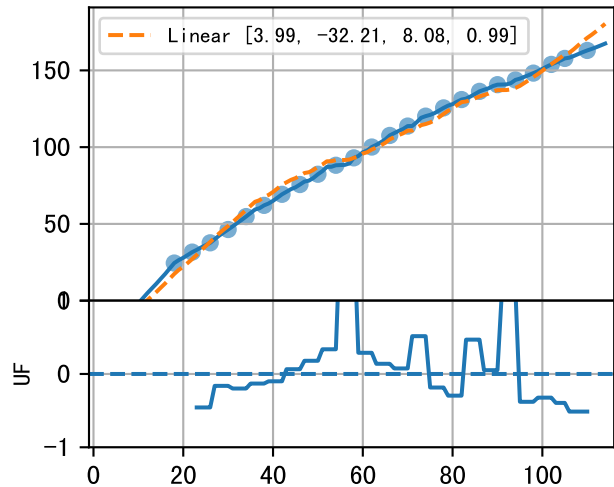
P10AW-010-25



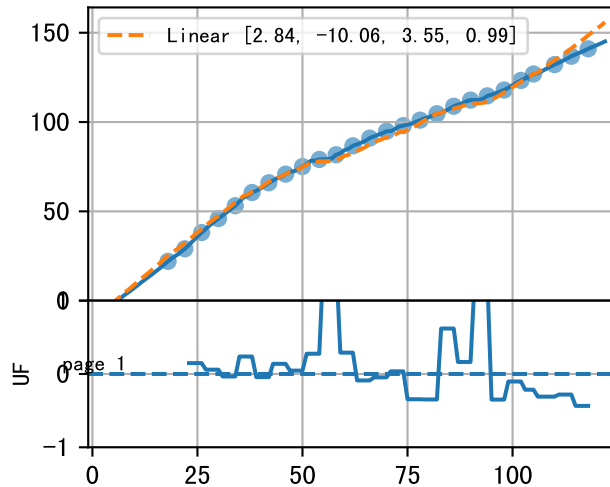
P10AW-017-16



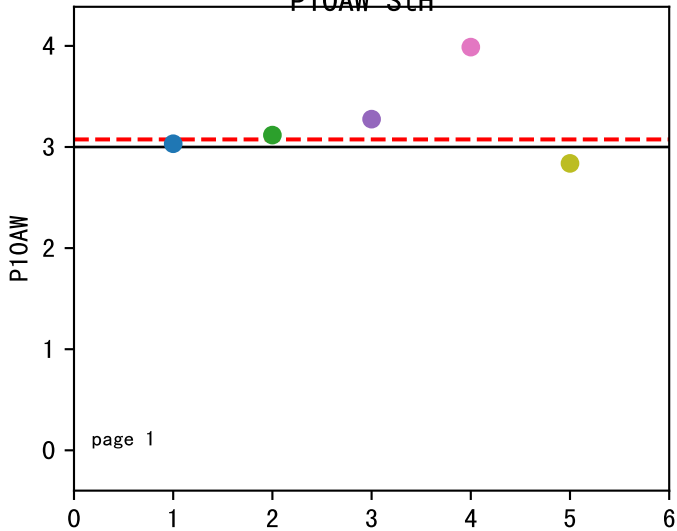
P10AW-025-3



P10AW-032-33

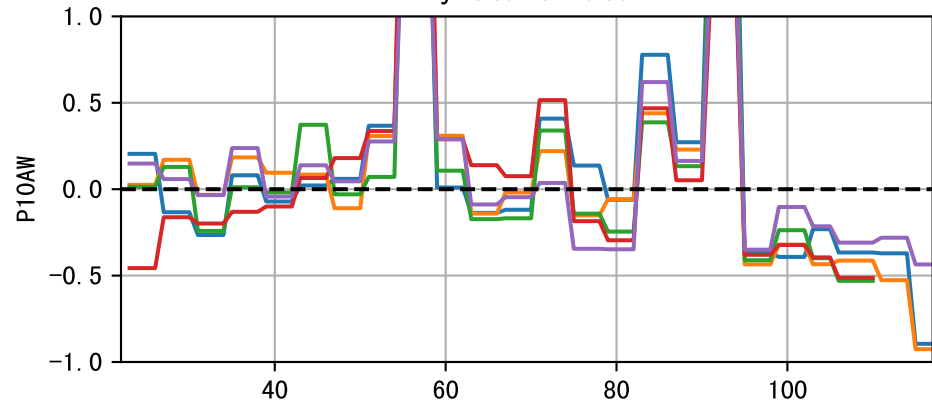


avg1=3.076% avg2=na
P10AW StH

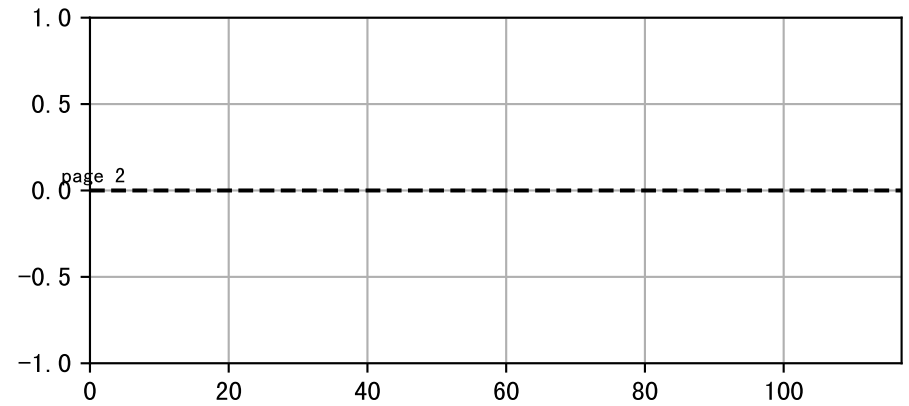
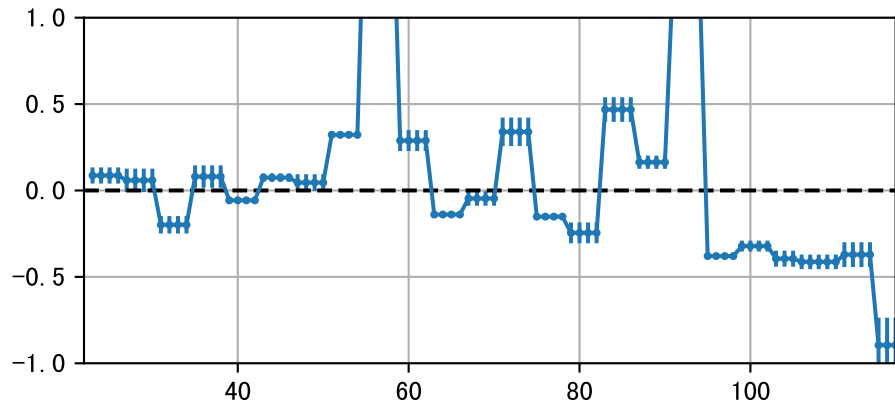
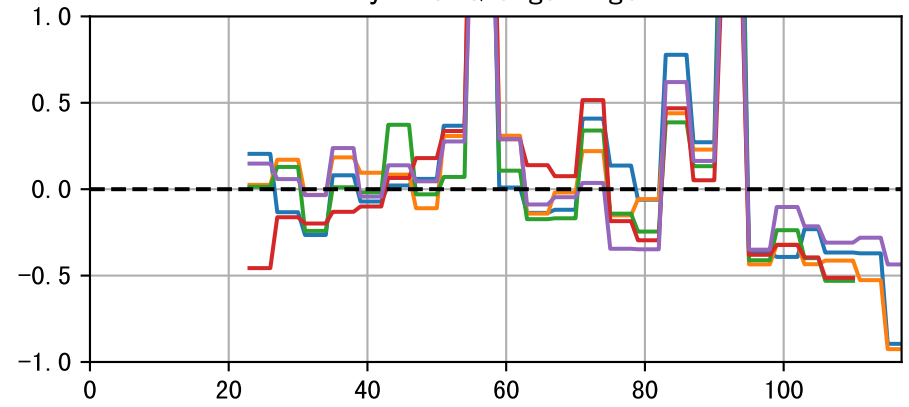


page 1

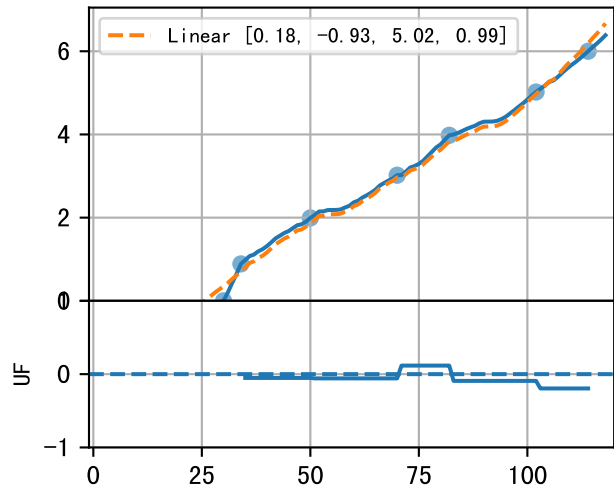
By Start Date



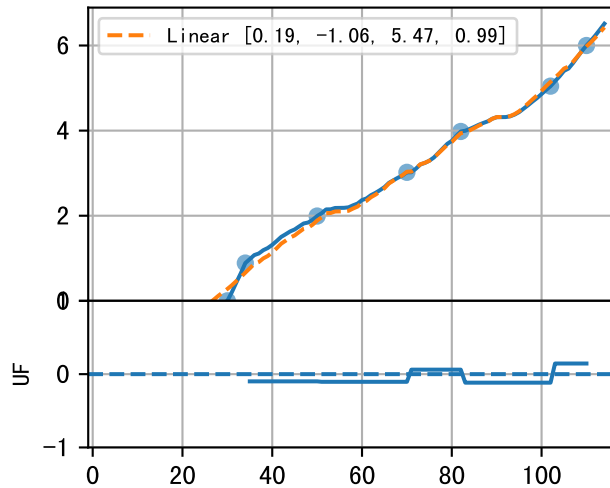
By Plant/Organ Age



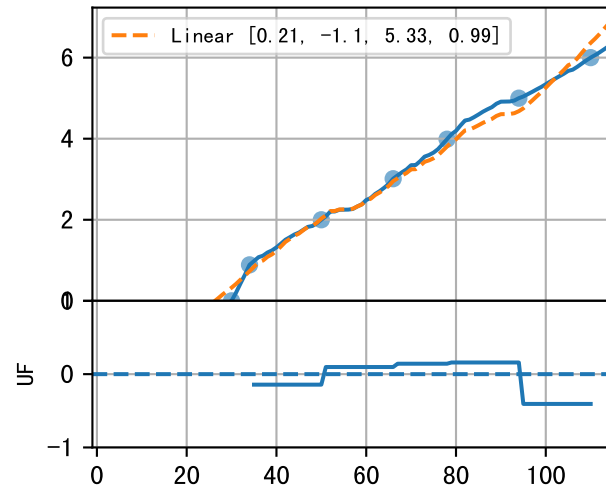
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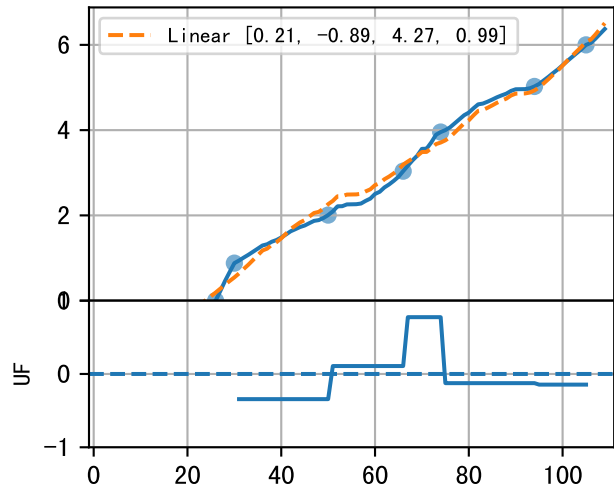
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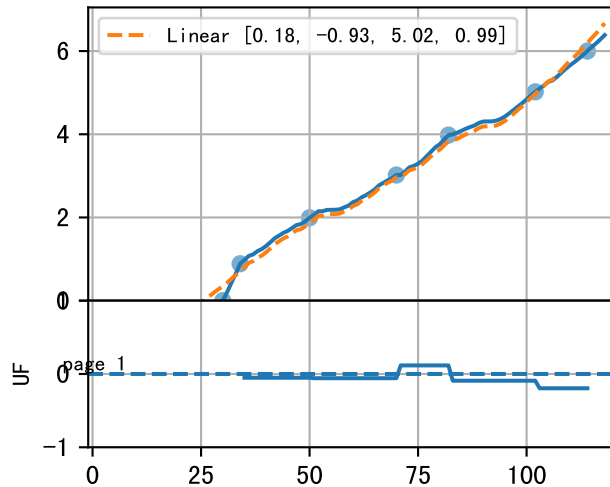
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P10AW-025-3



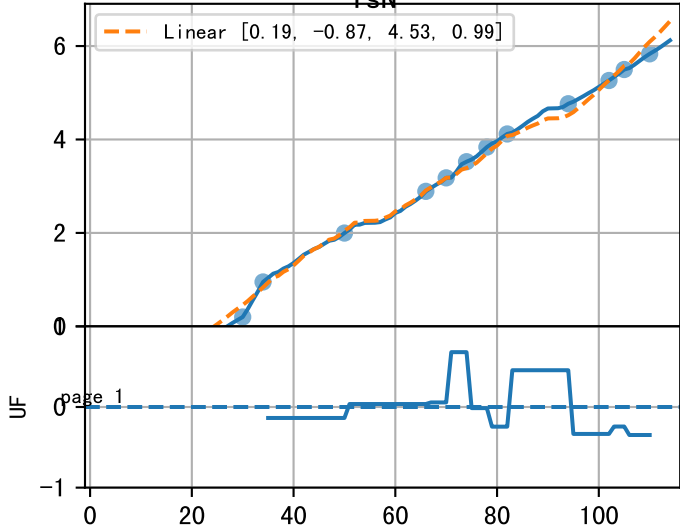
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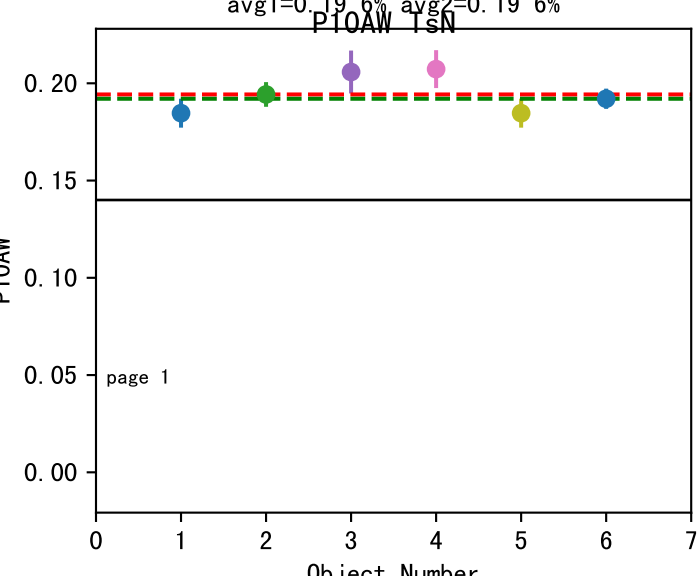


PTUavg

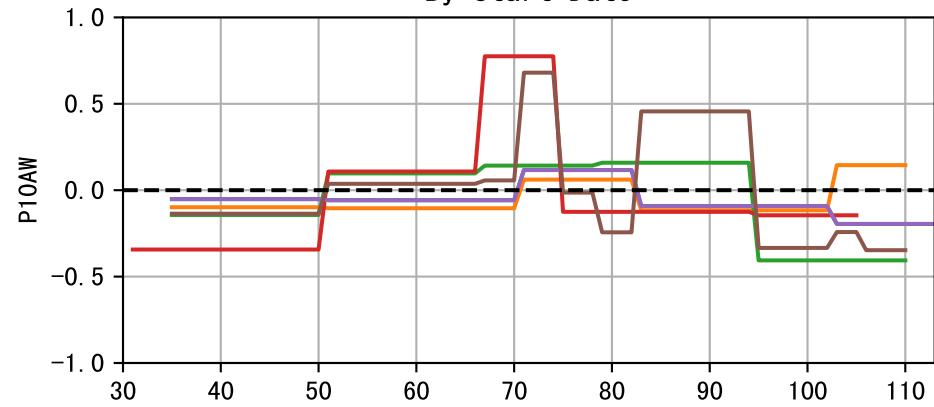
TsN

Linear [0.19, -0.87, 4.53, 0.99]

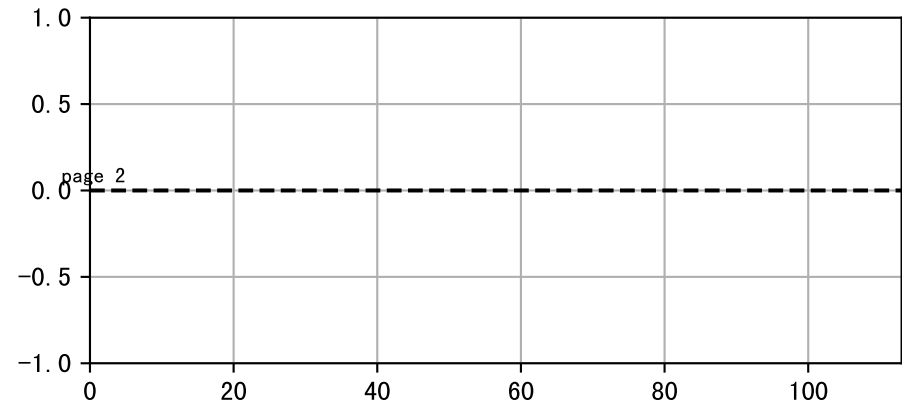
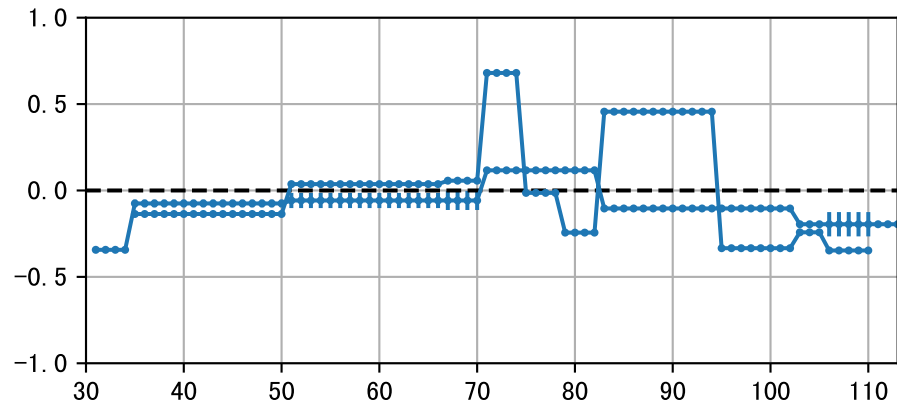
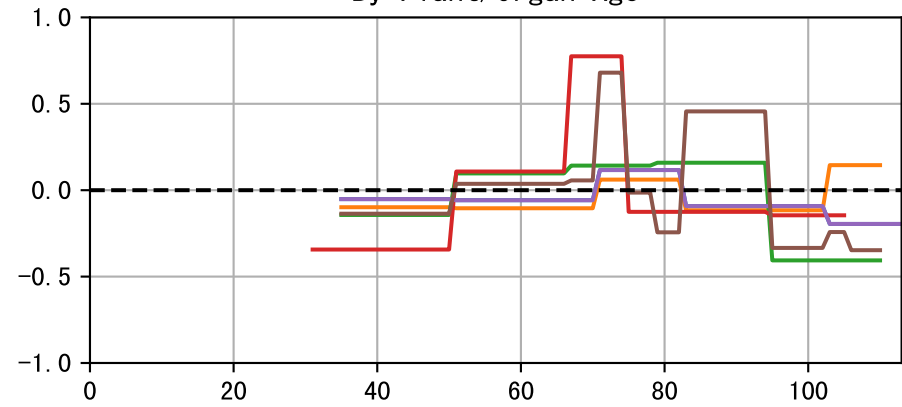


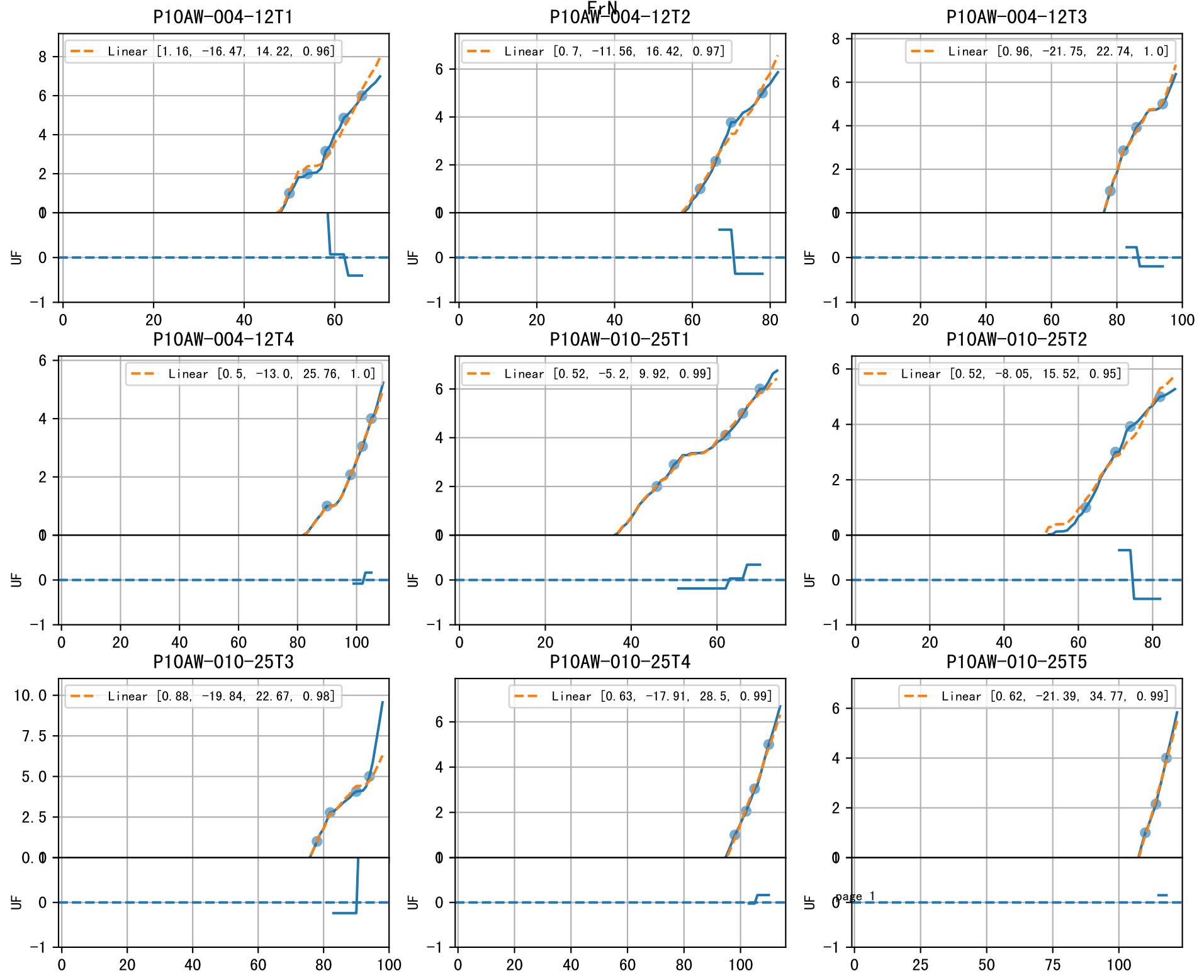


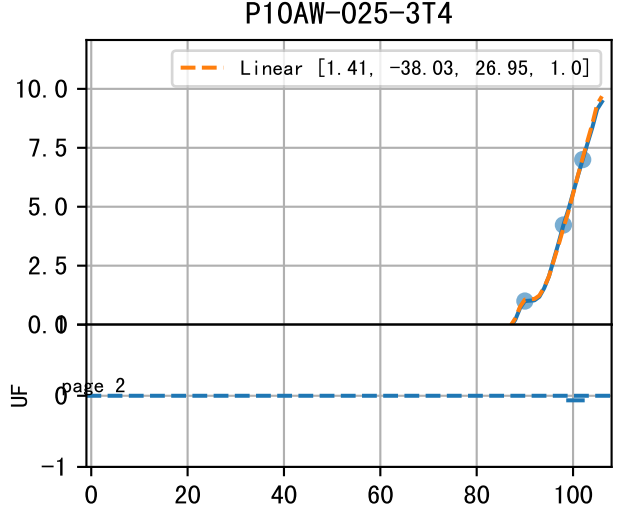
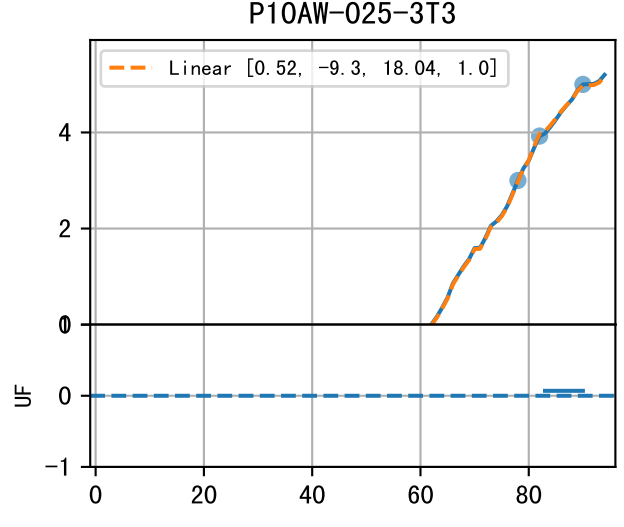
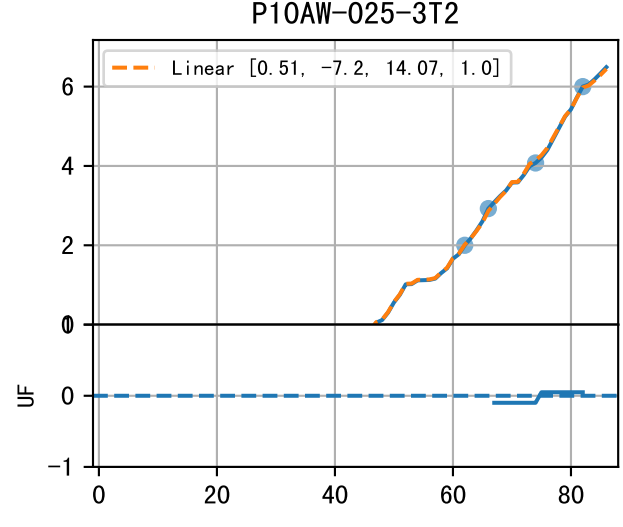
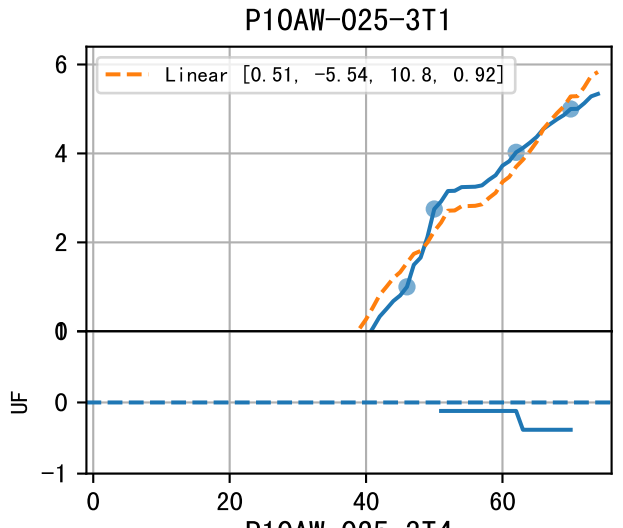
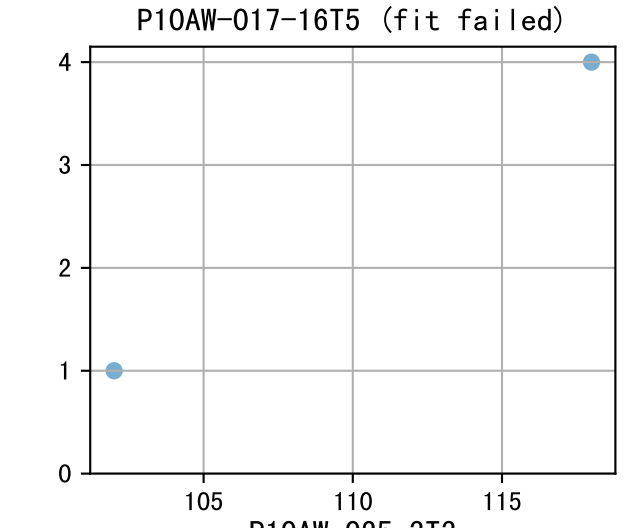
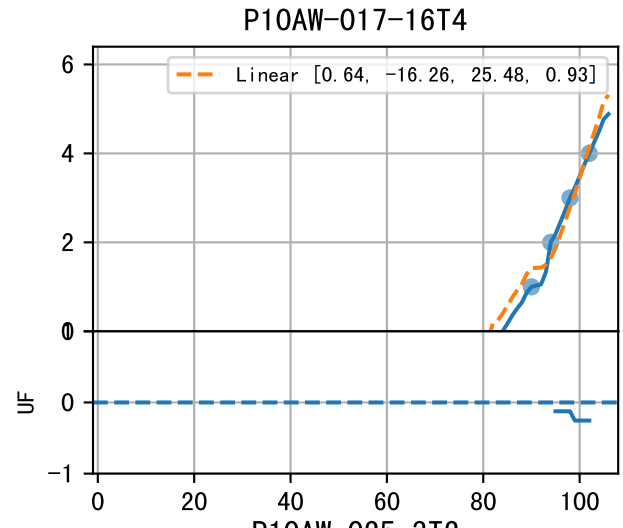
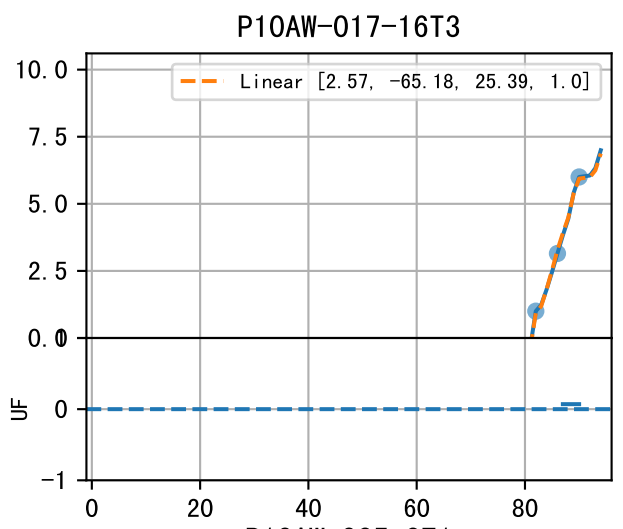
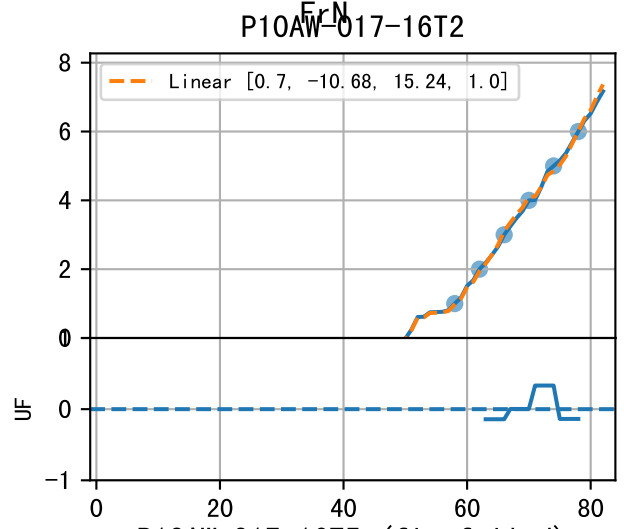
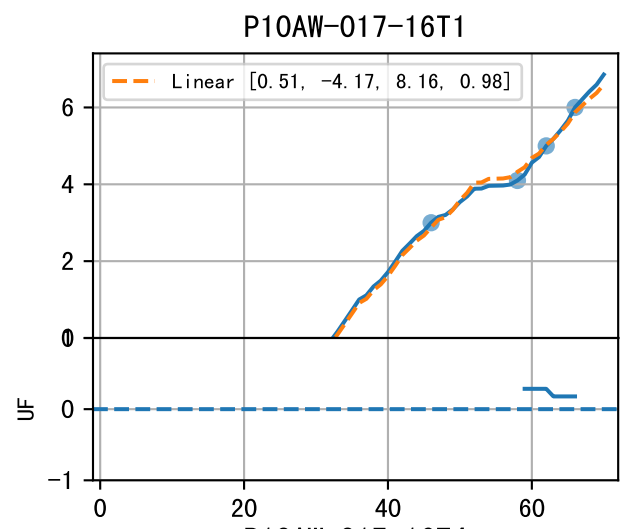
By Start Date

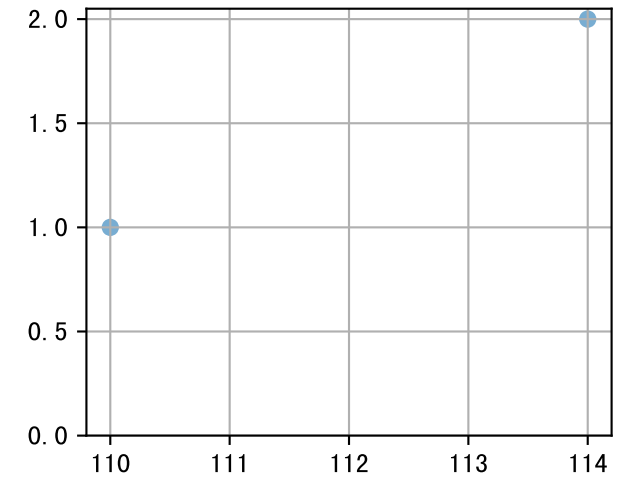
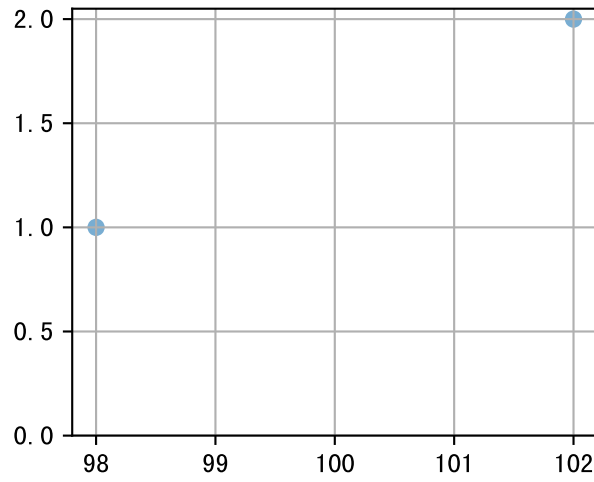
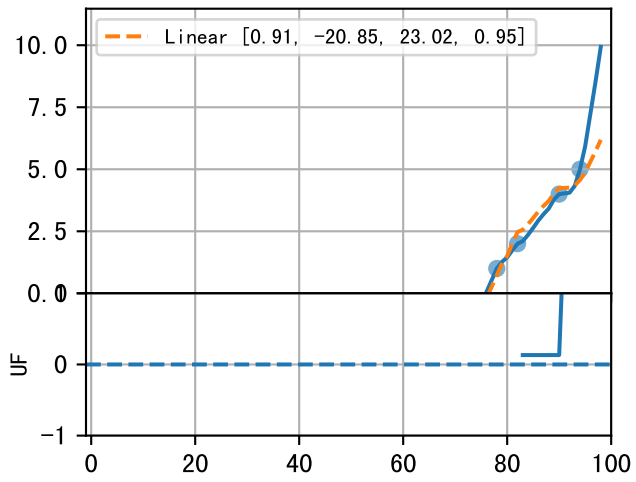
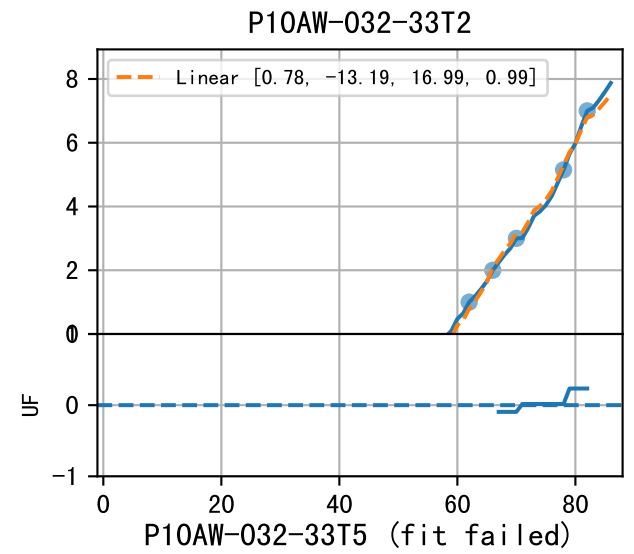
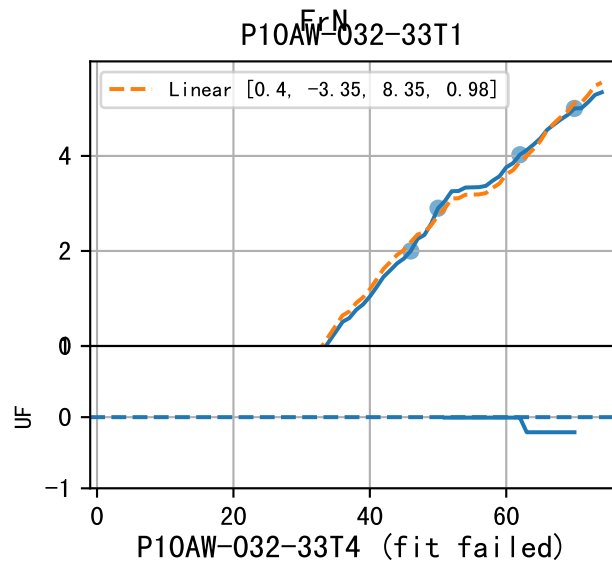
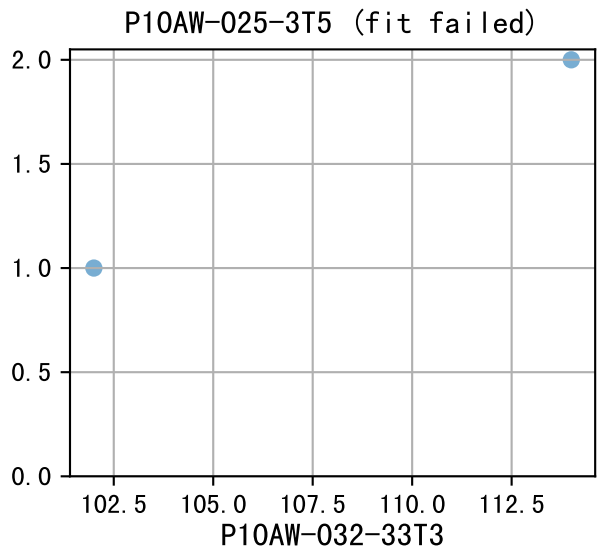


By Plant/Organ Age

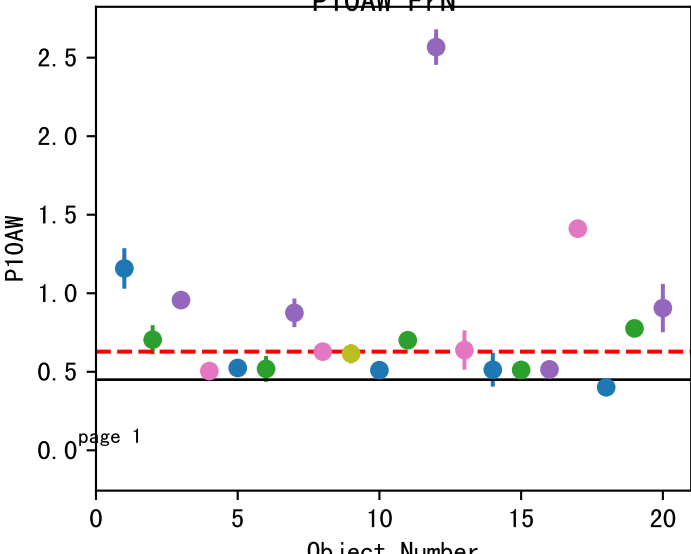




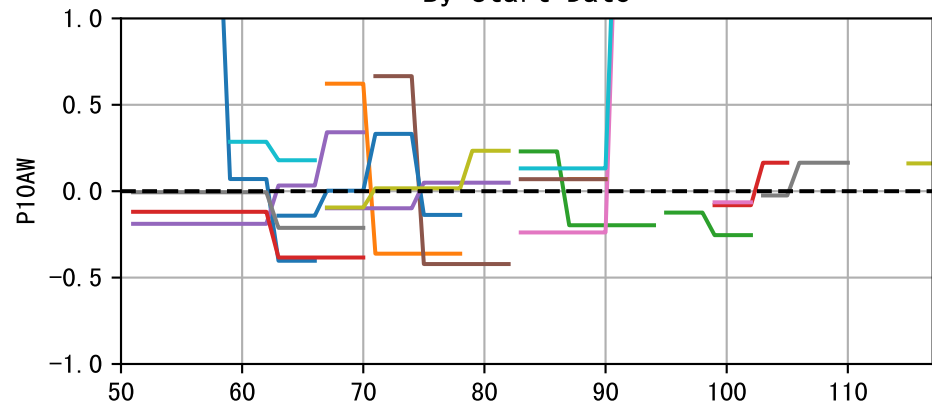




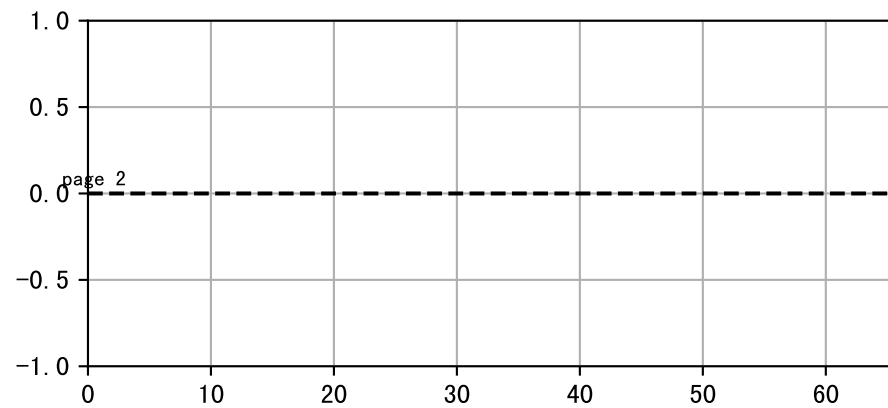
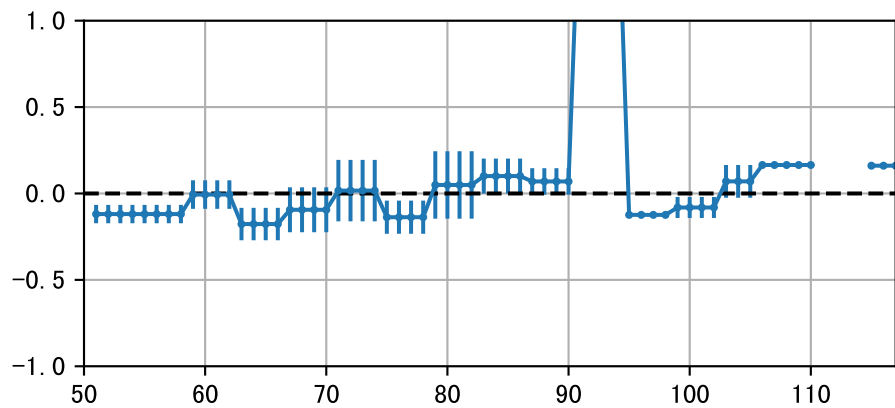
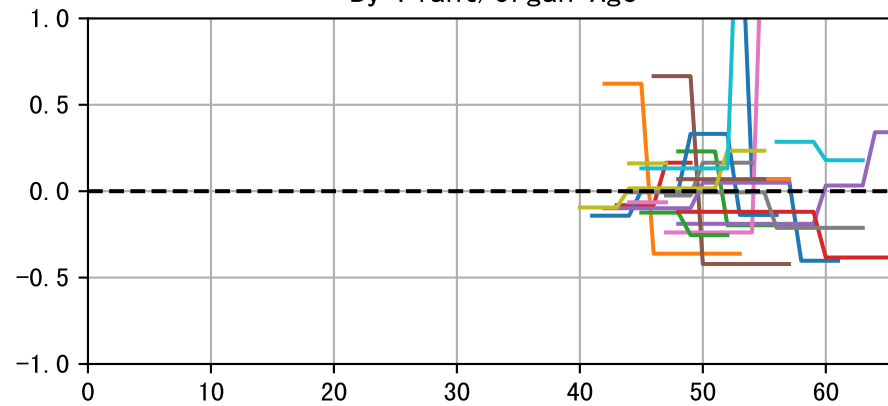
avg1=0.63 41% avg2=na
P10AW FrN

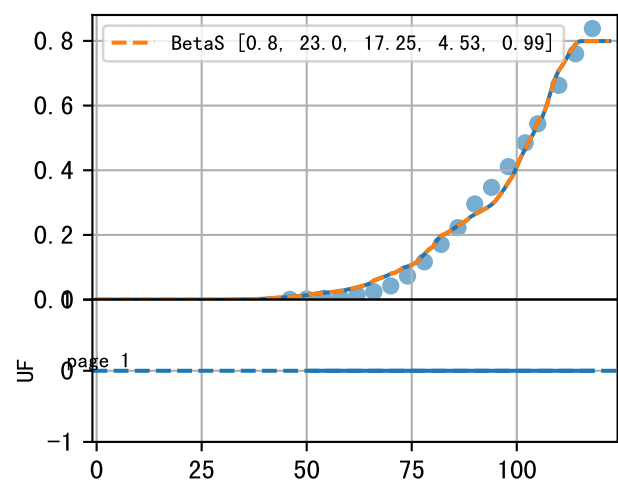
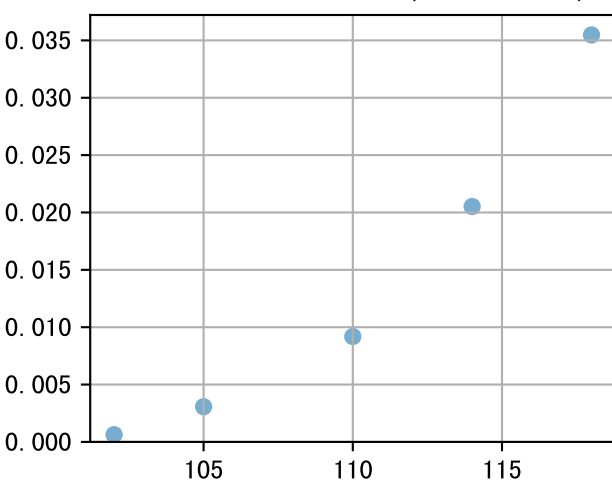
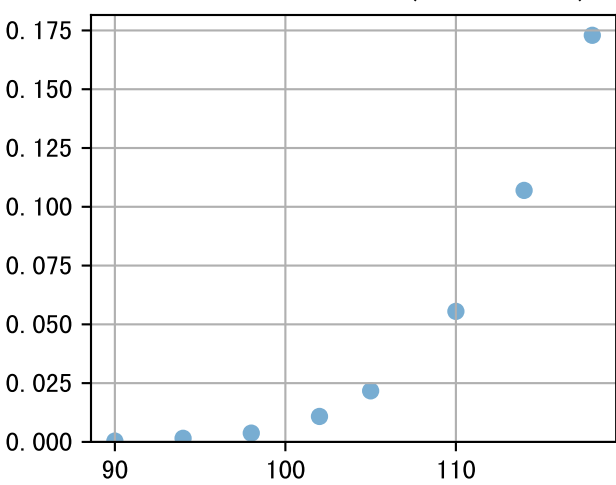
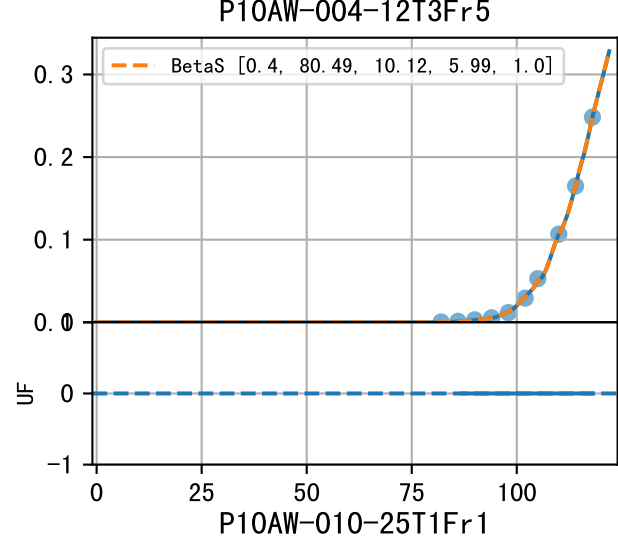
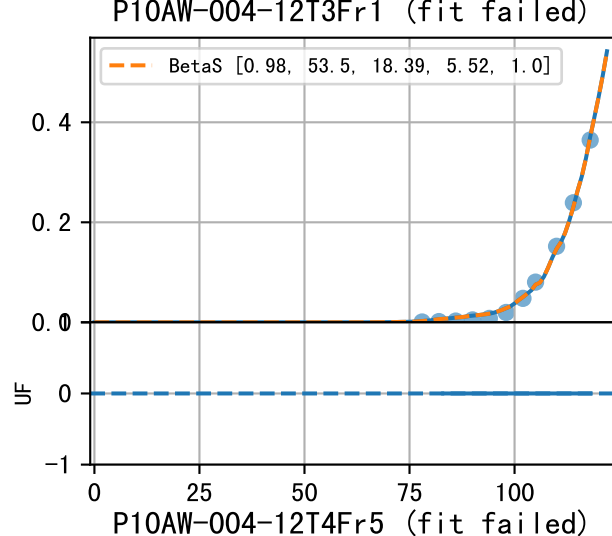
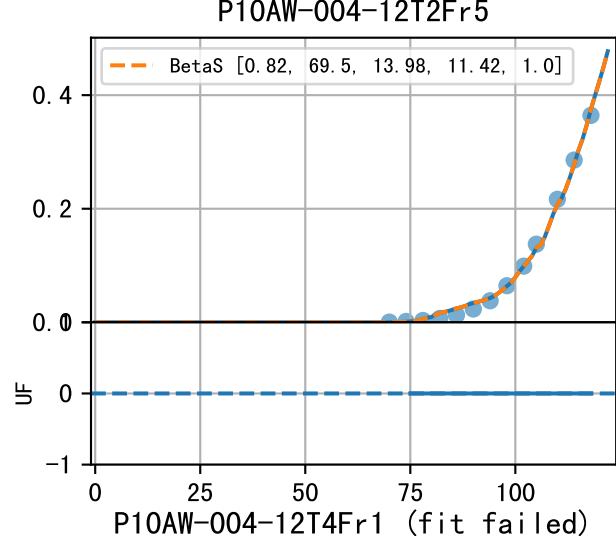
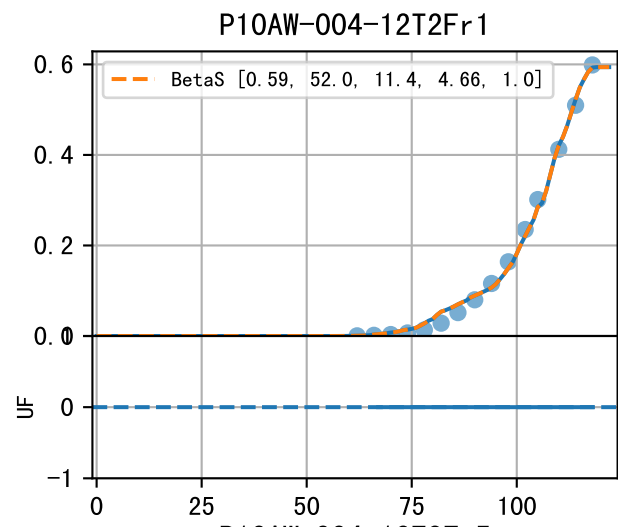
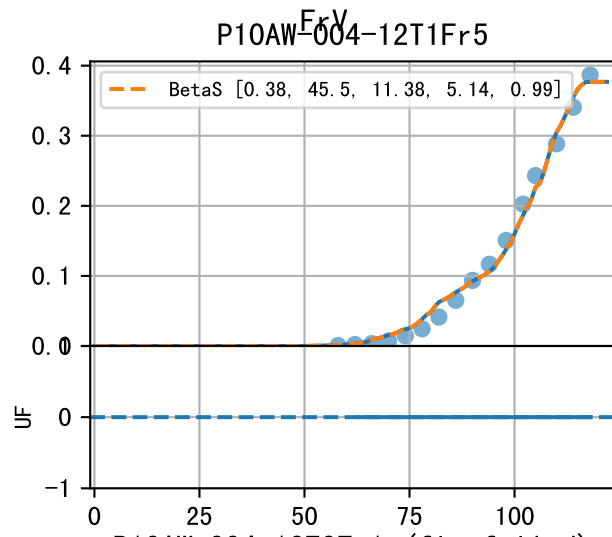
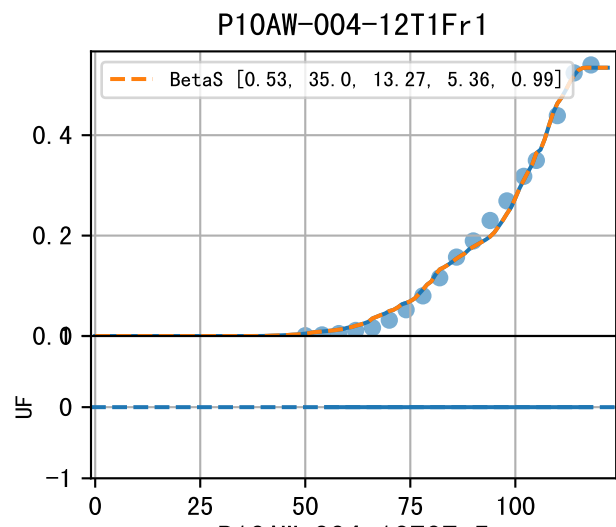


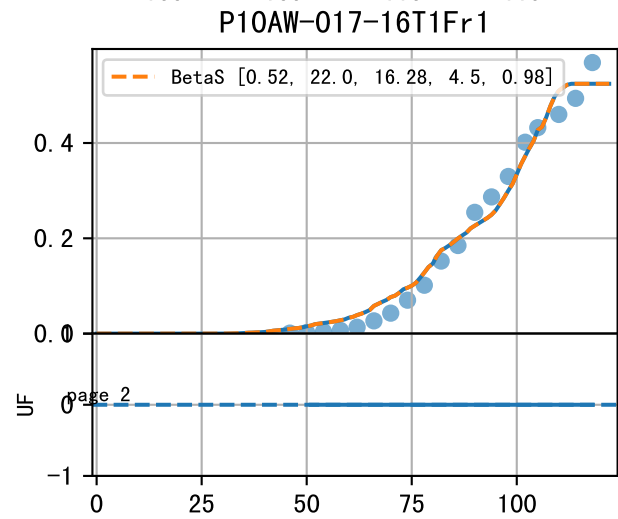
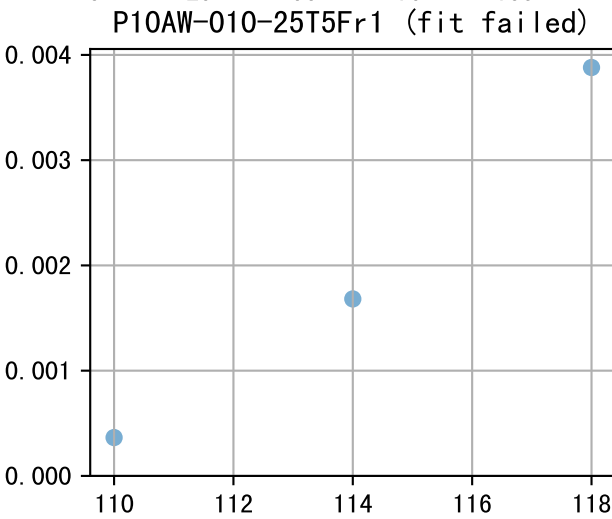
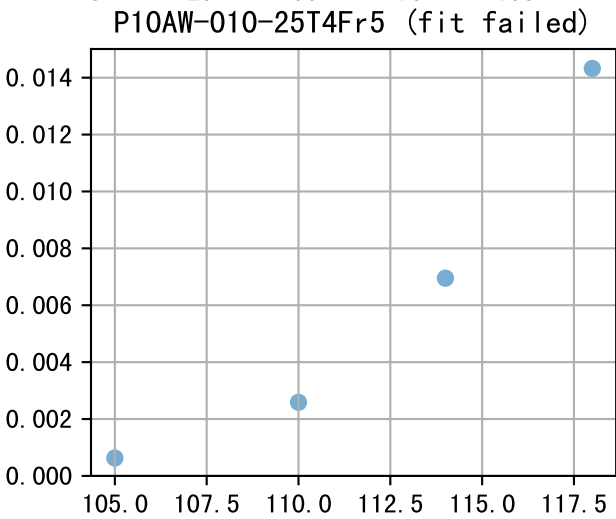
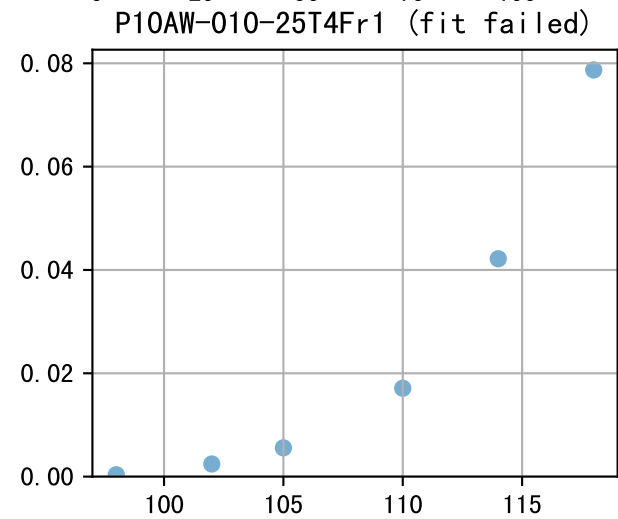
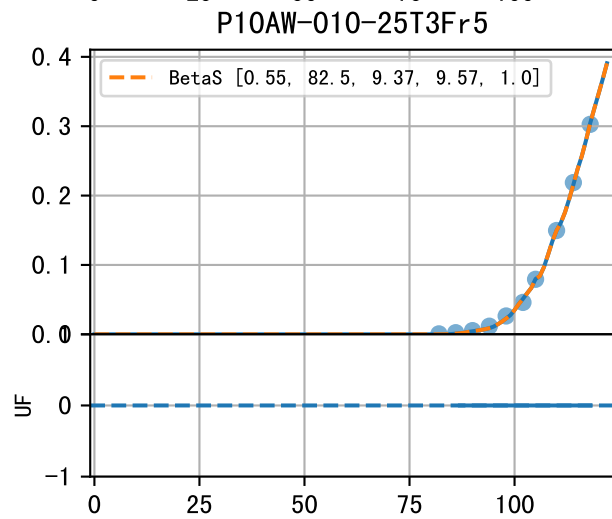
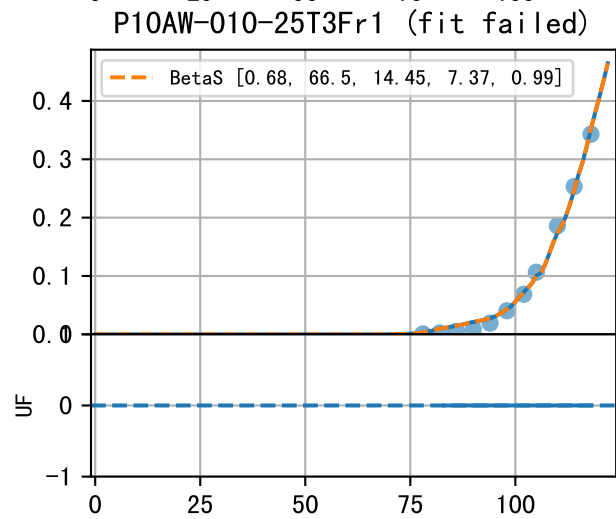
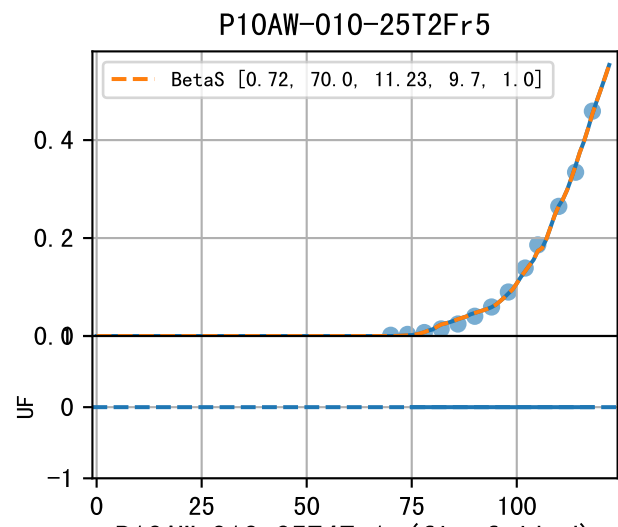
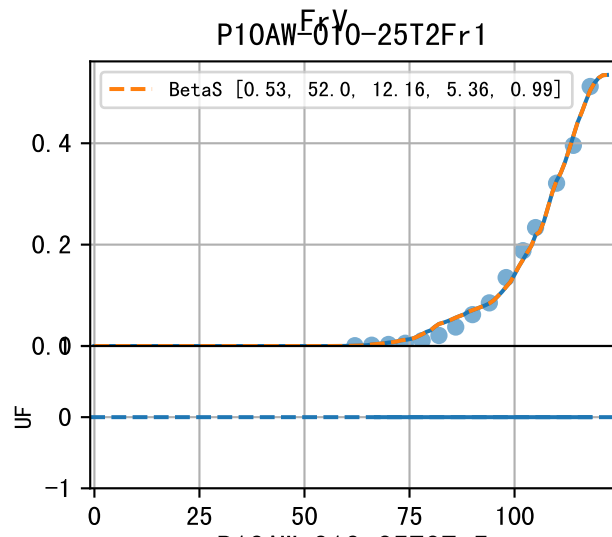
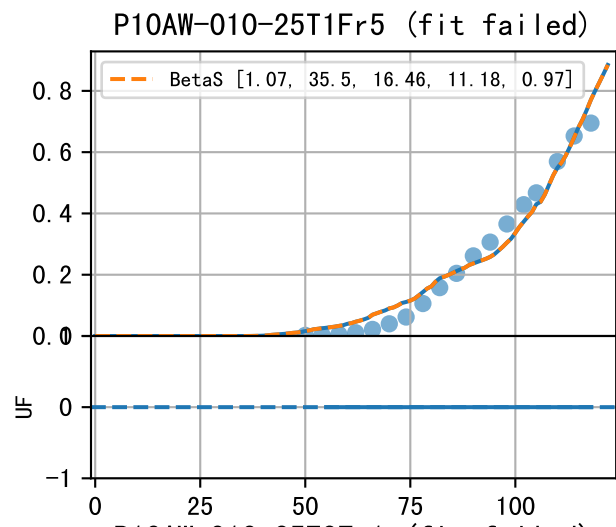
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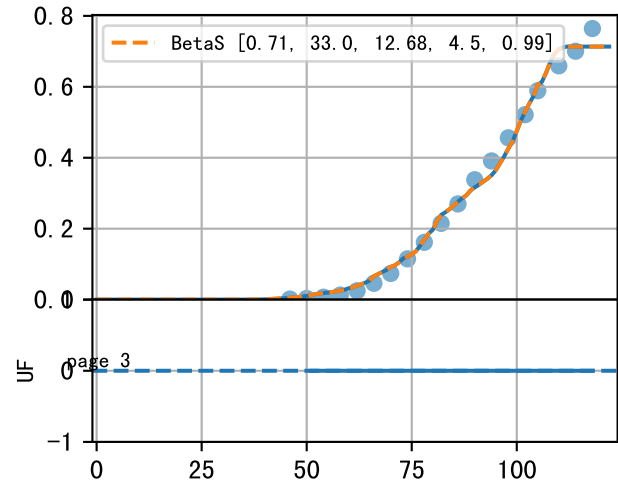
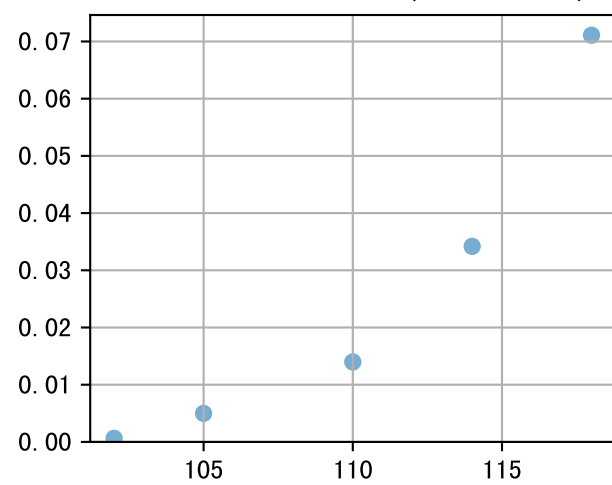
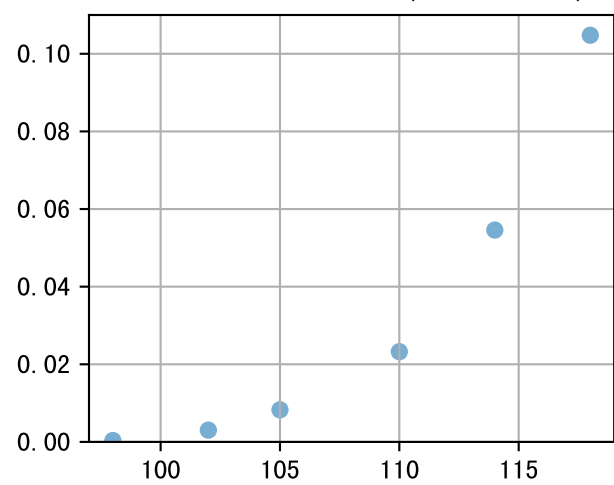
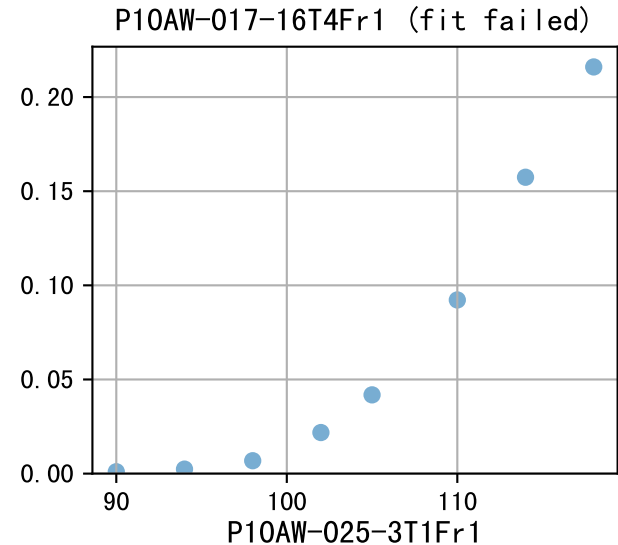
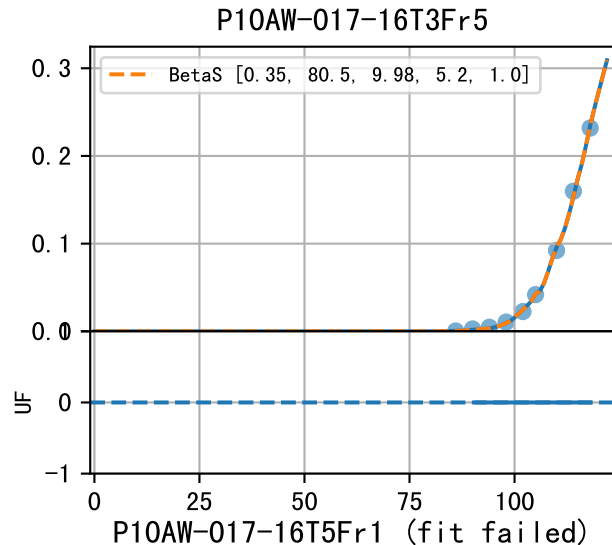
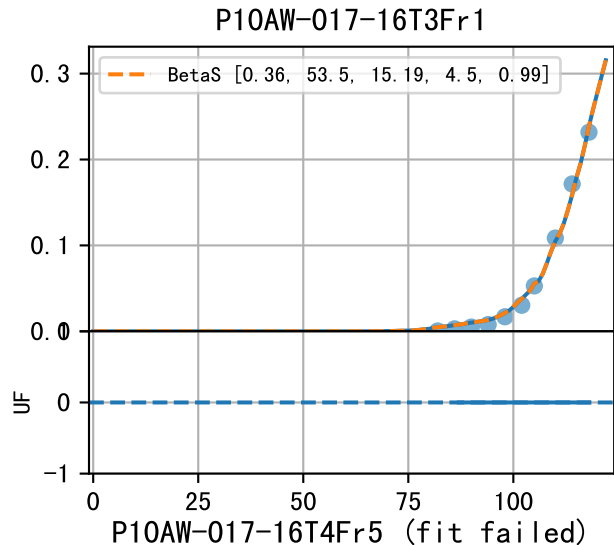
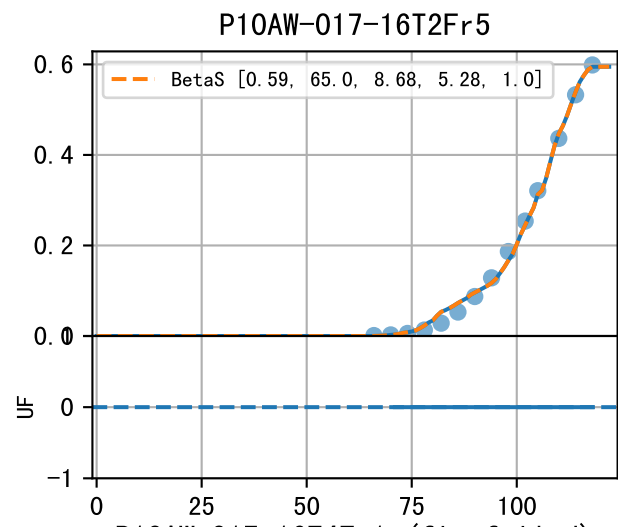
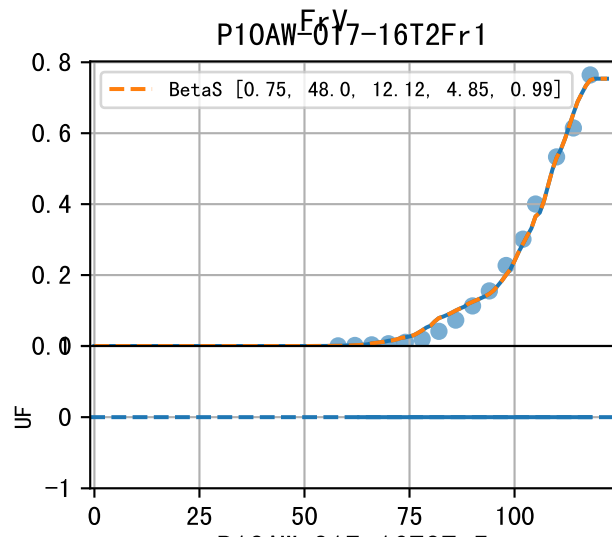
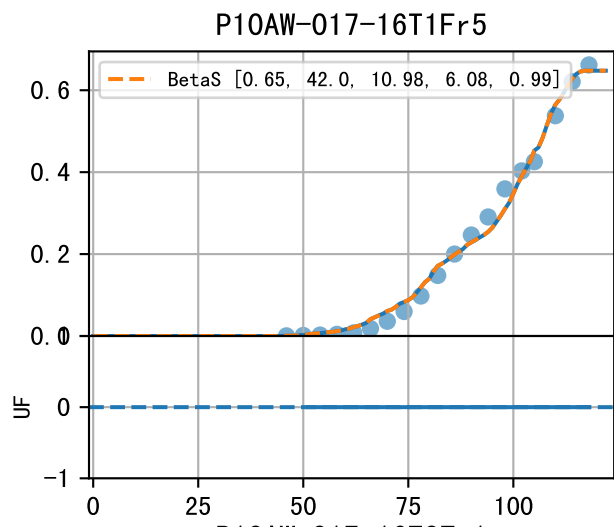


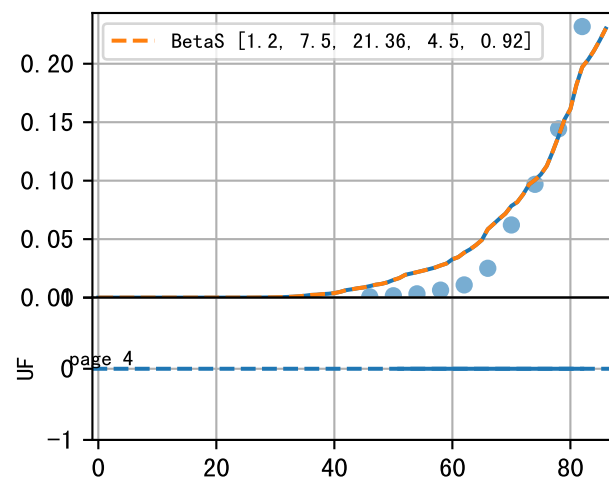
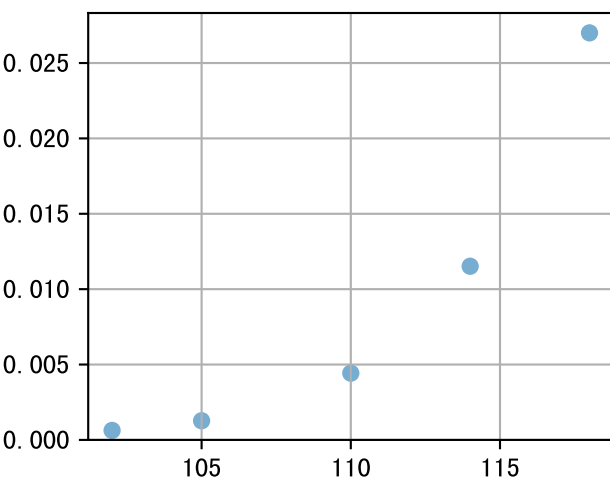
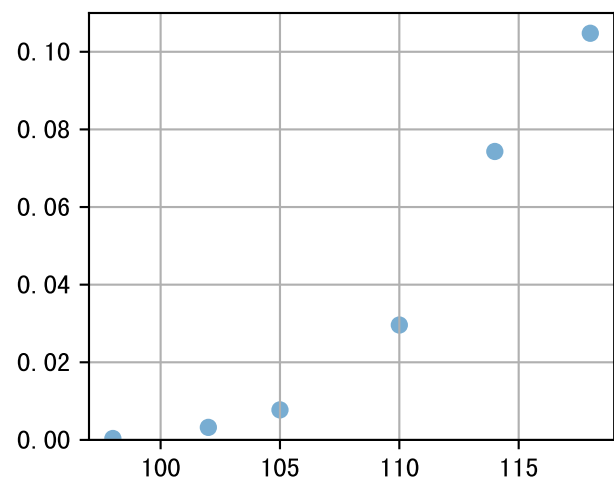
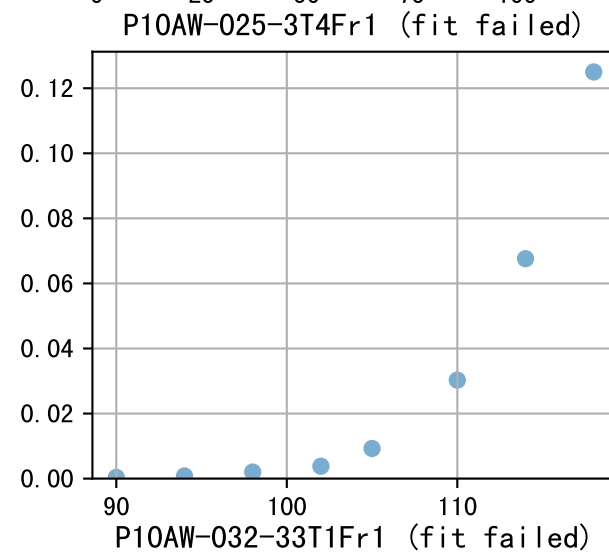
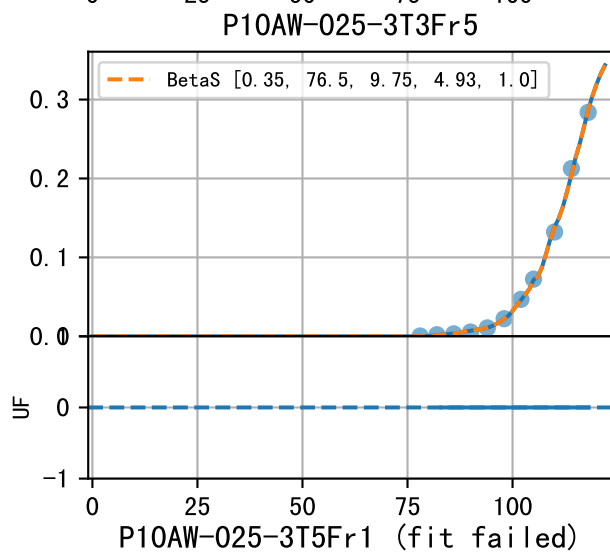
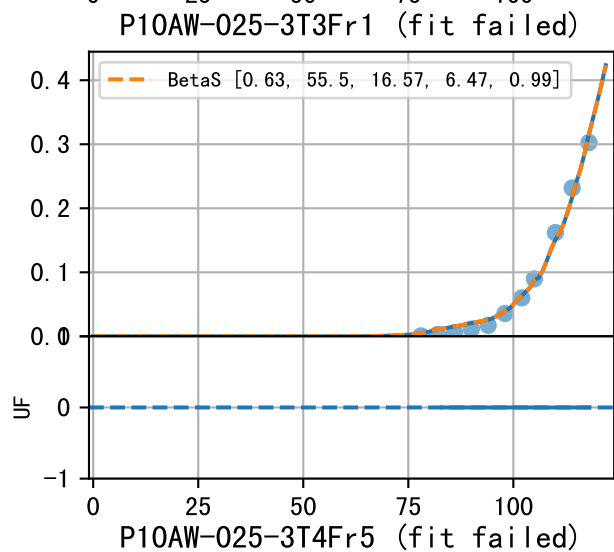
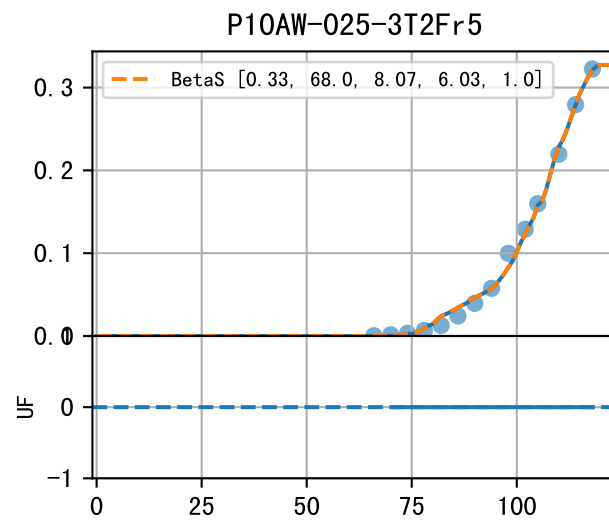
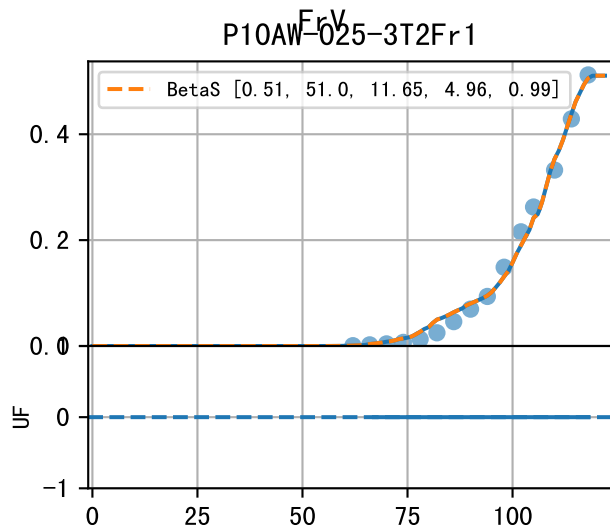
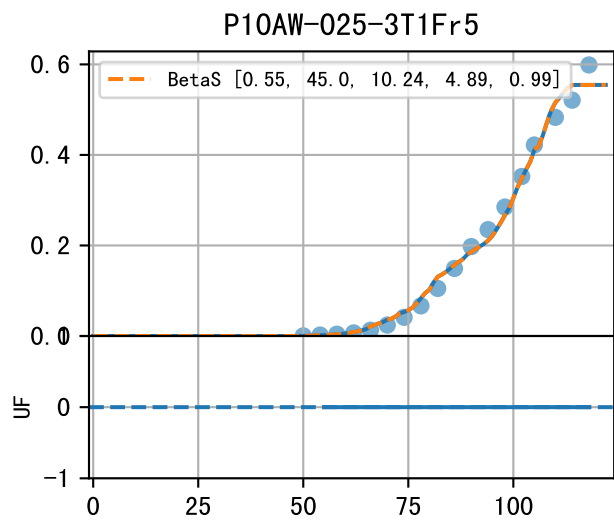
By Plant/Organ Age

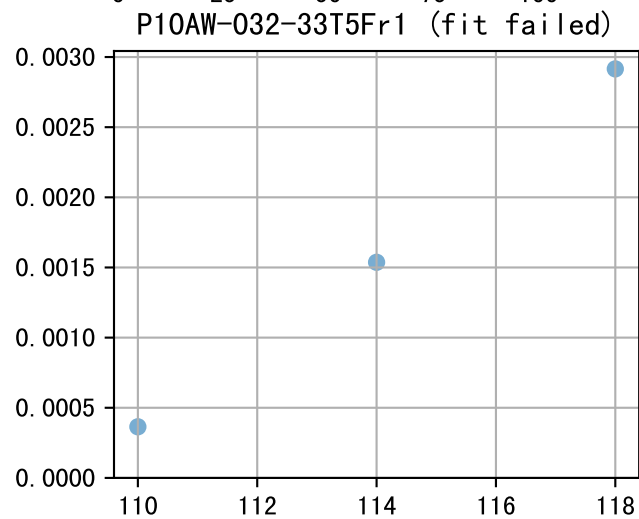
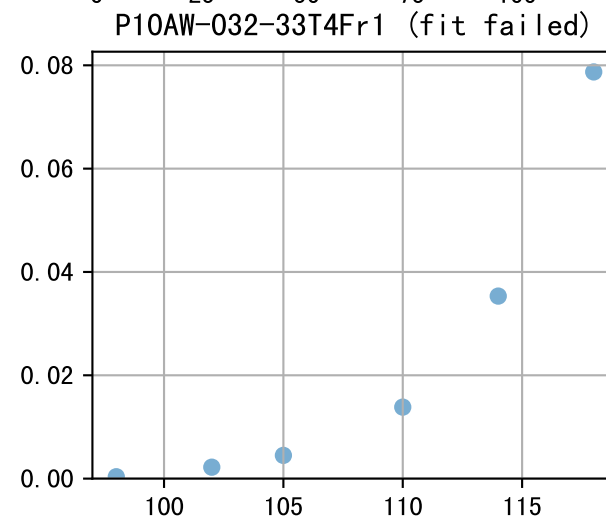
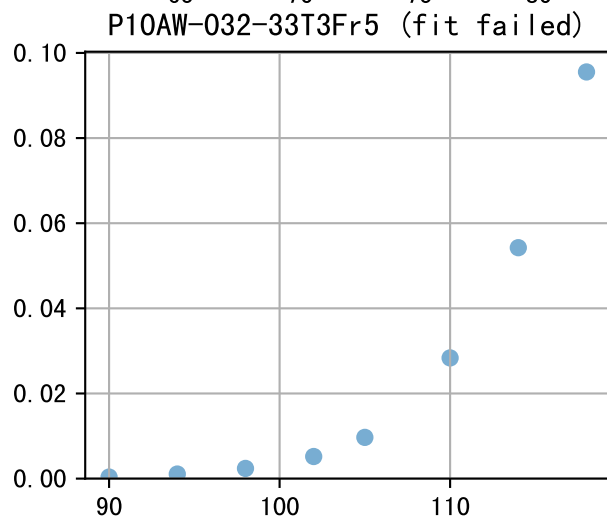
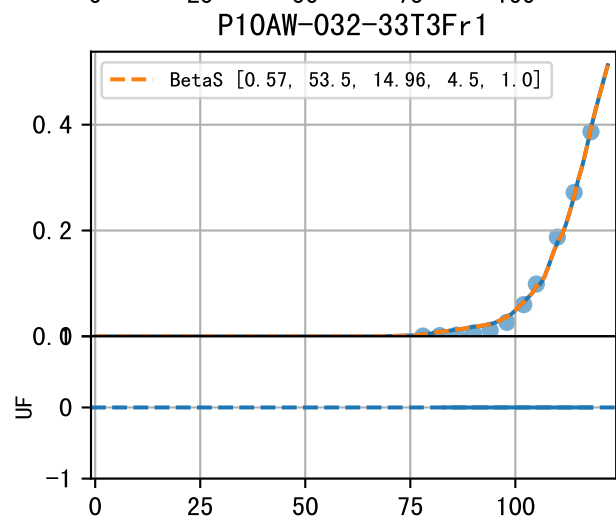
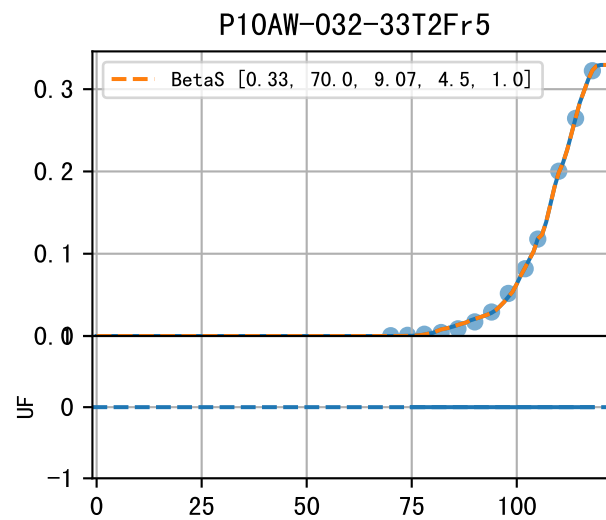
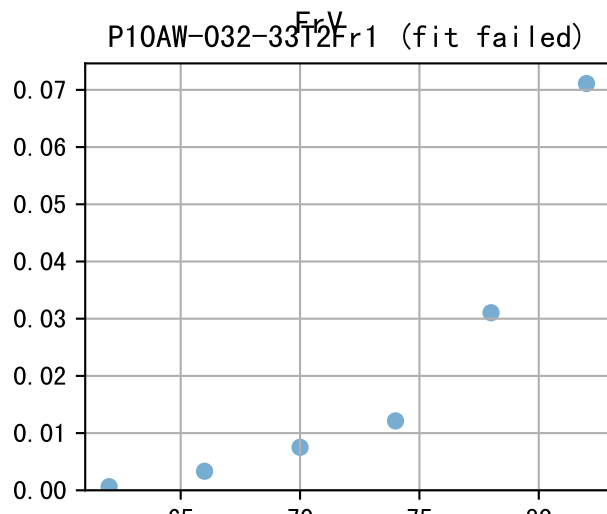
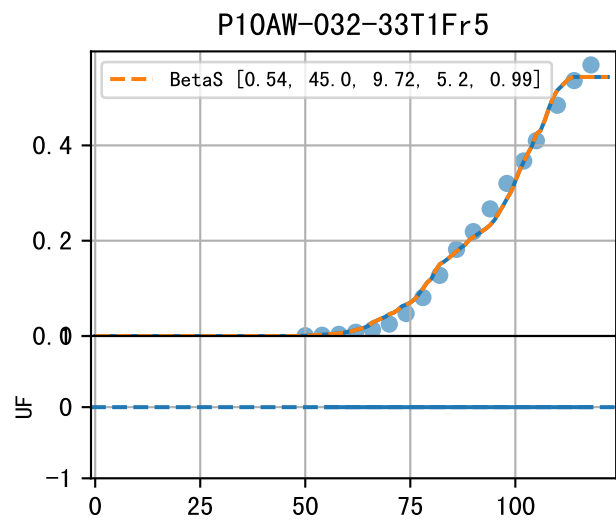


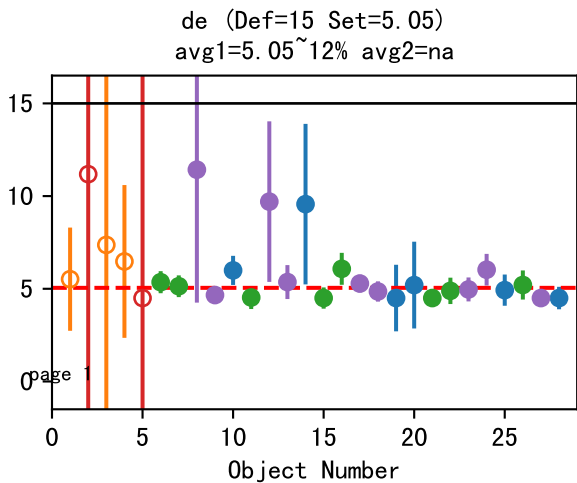
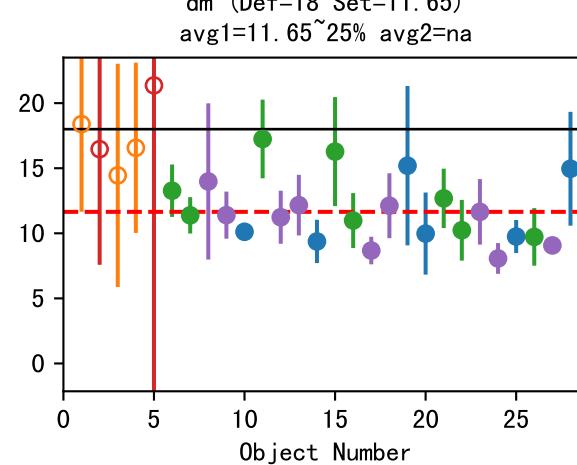
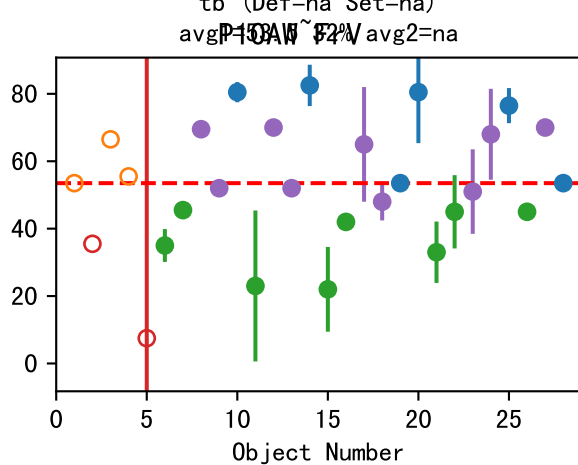
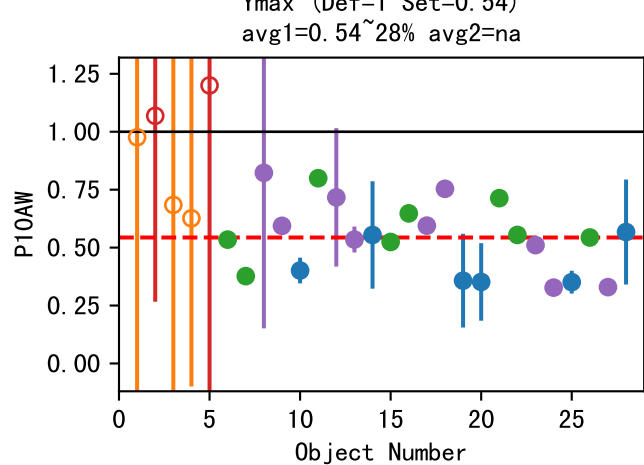




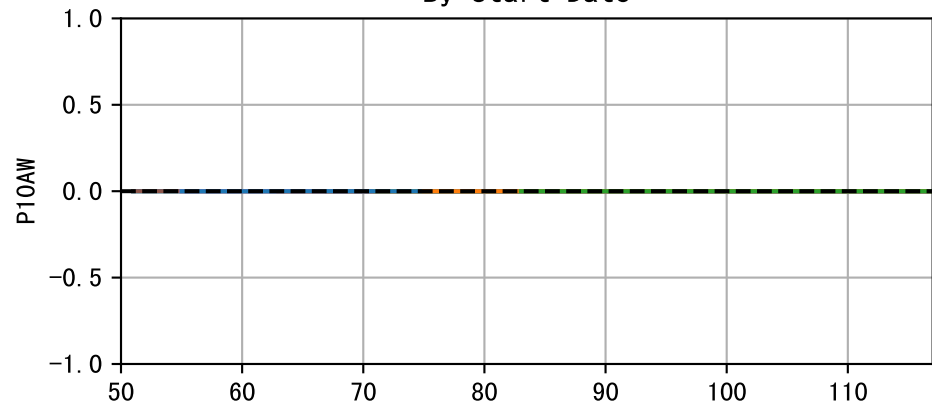




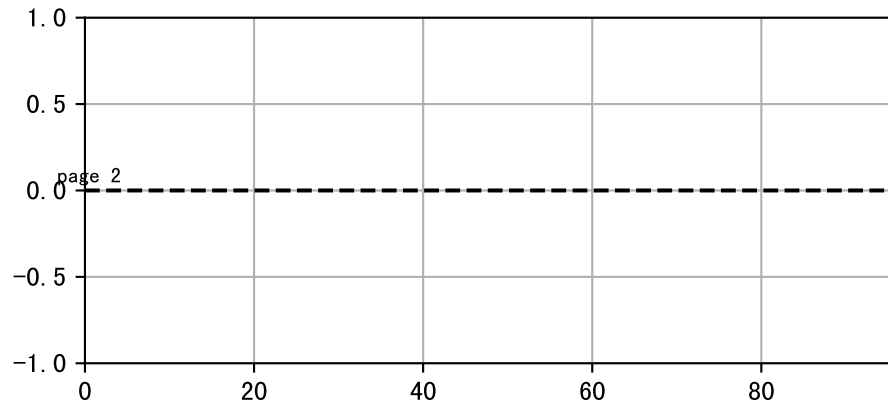
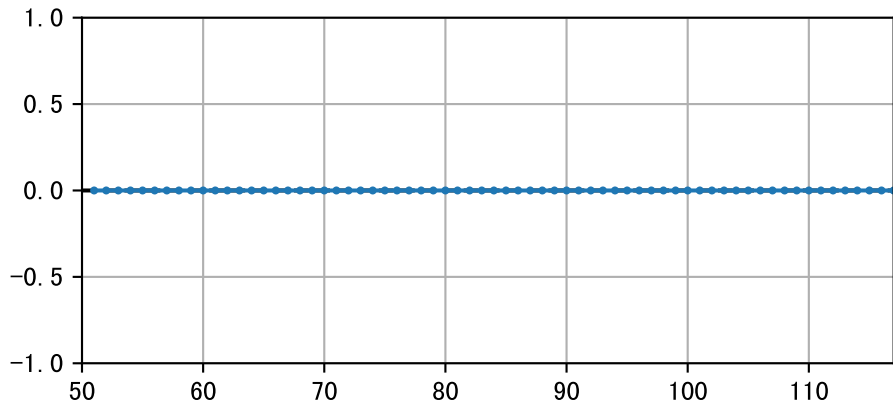
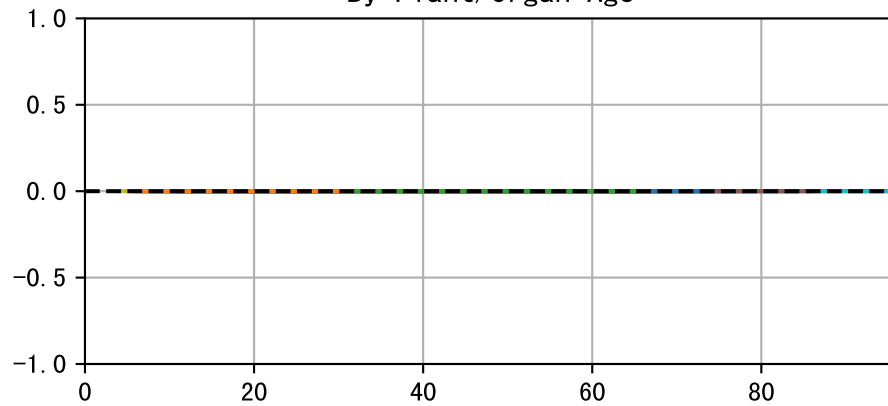


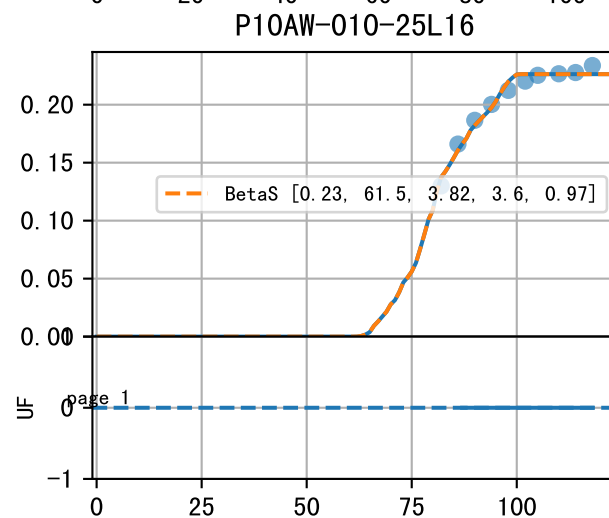
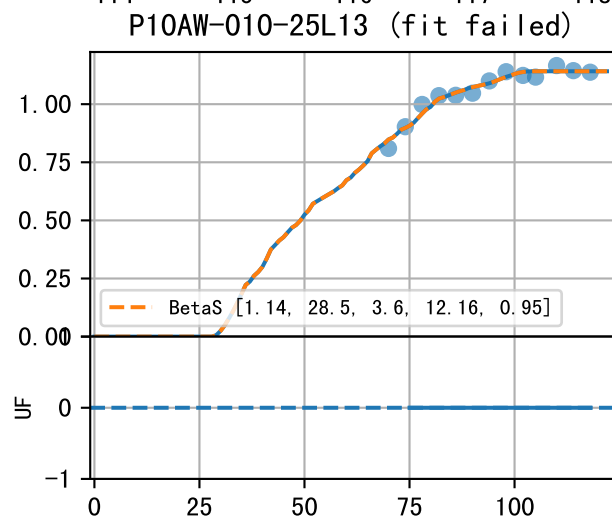
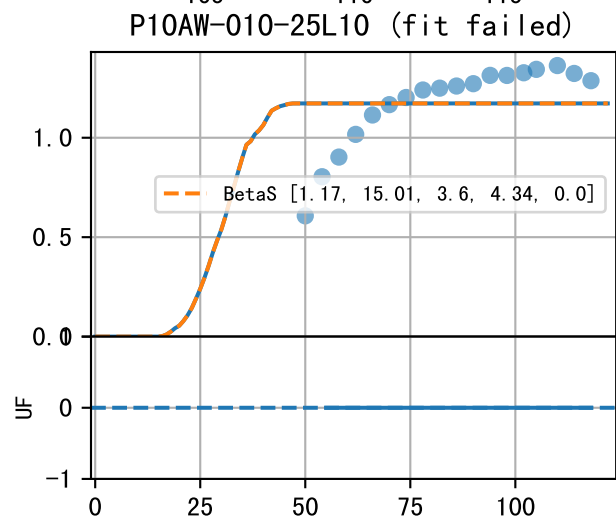
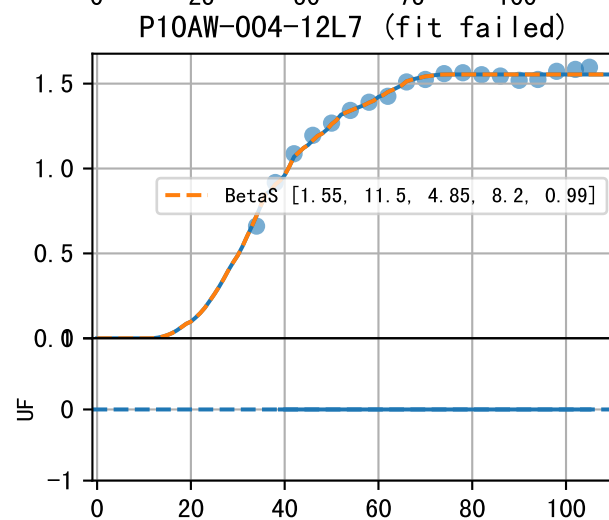
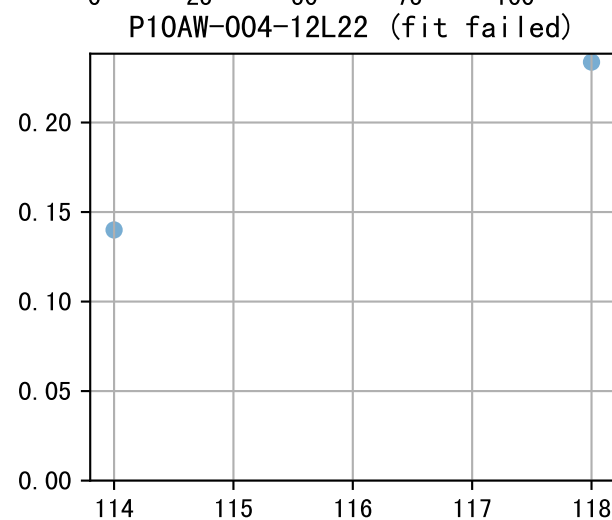
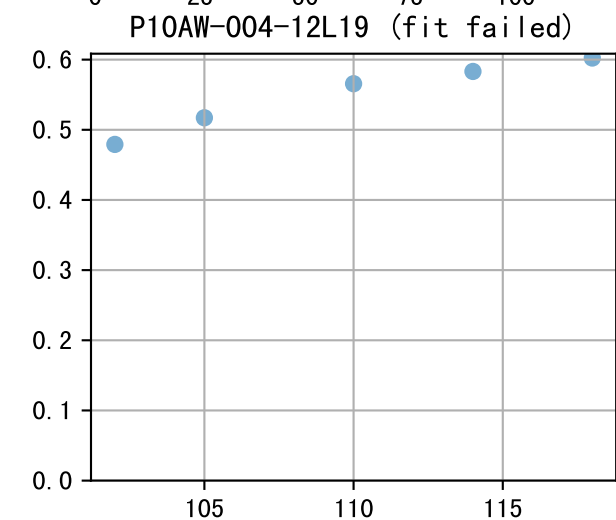
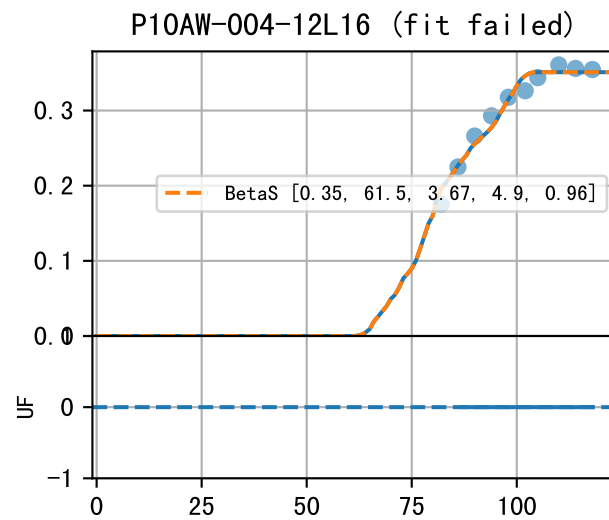
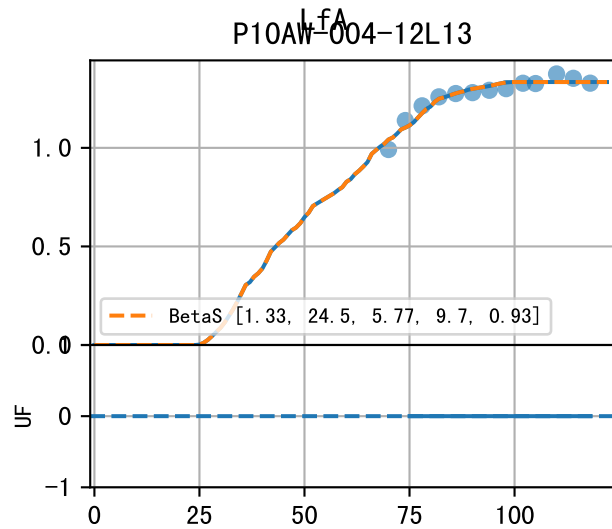
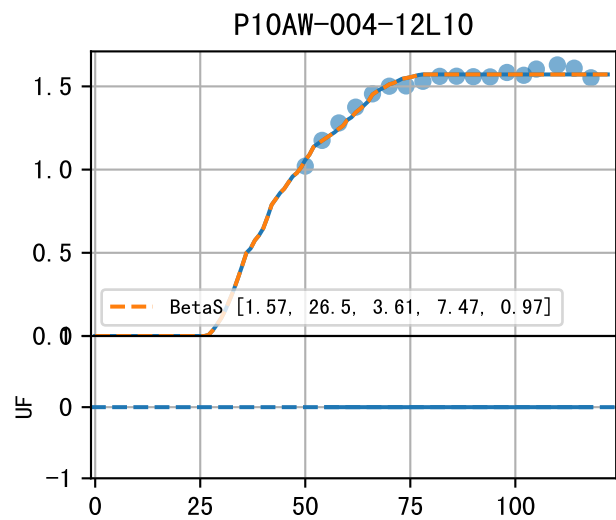


By Start Date

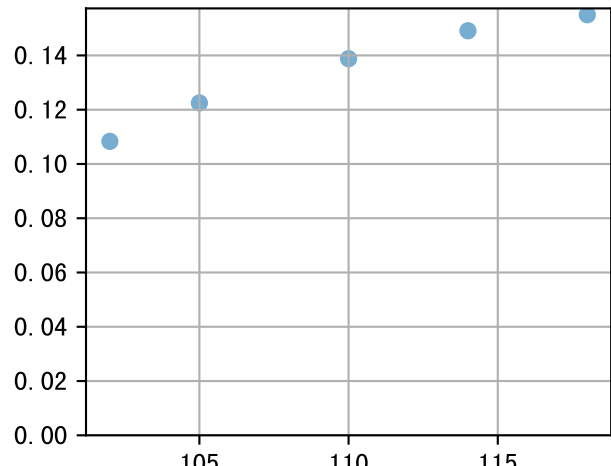


By Plant/Organ Age

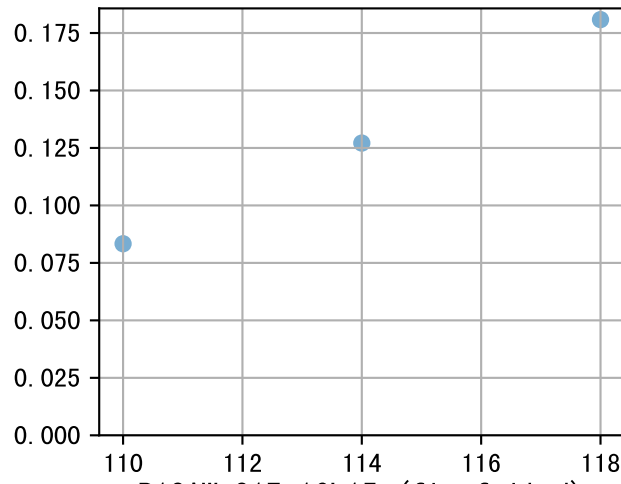




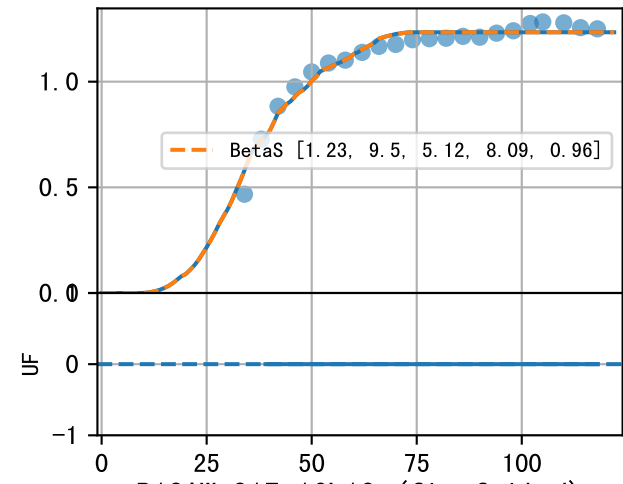
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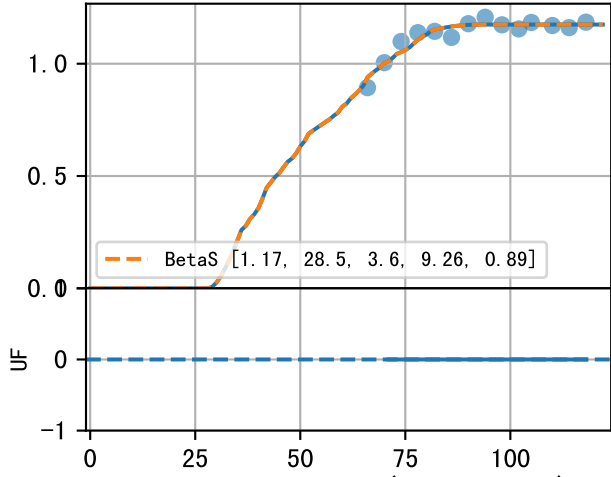
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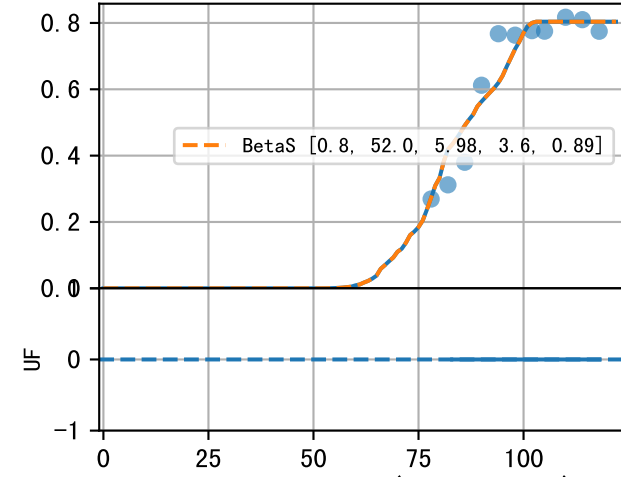
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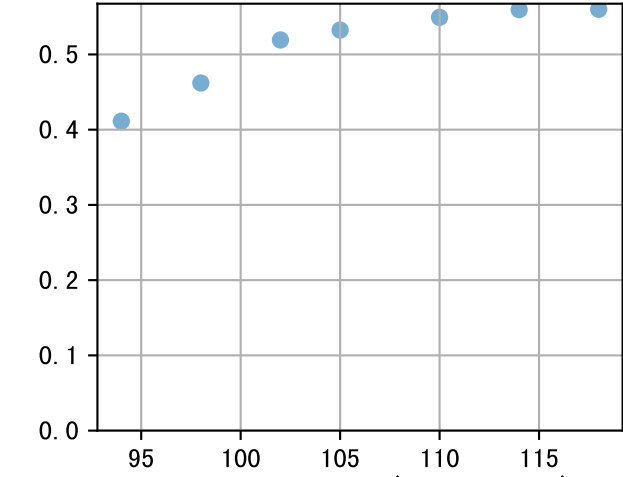
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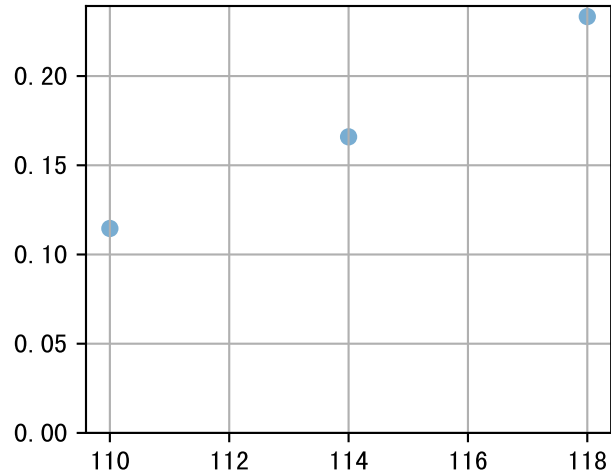
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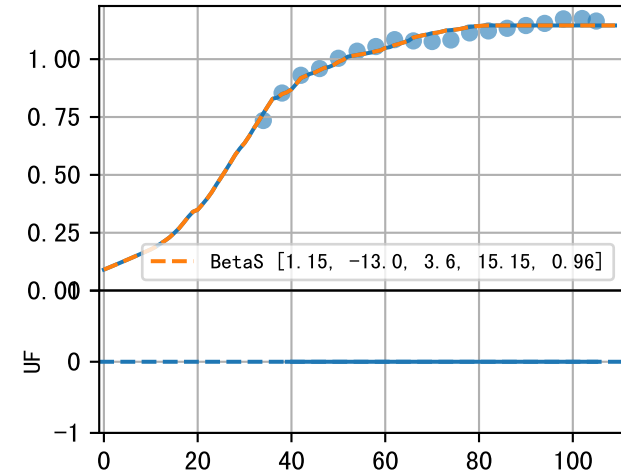
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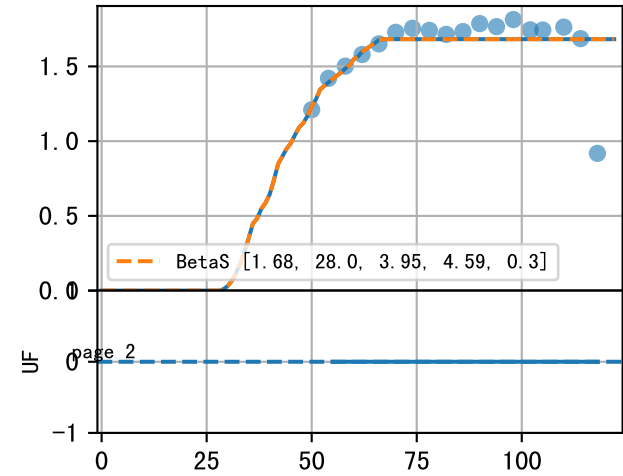
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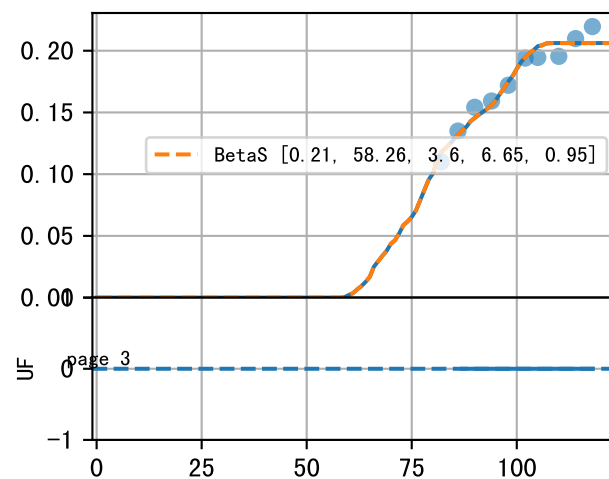
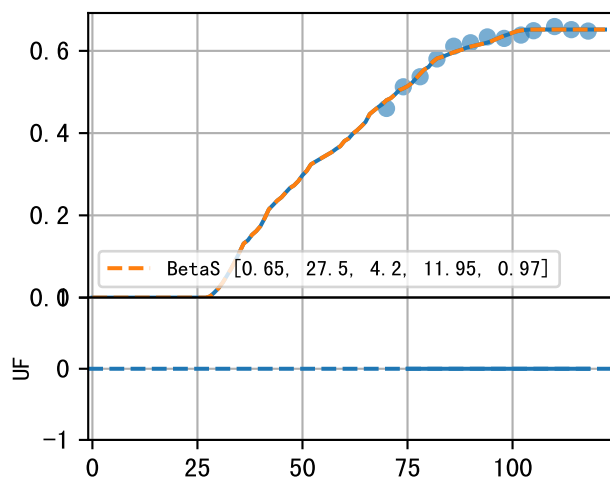
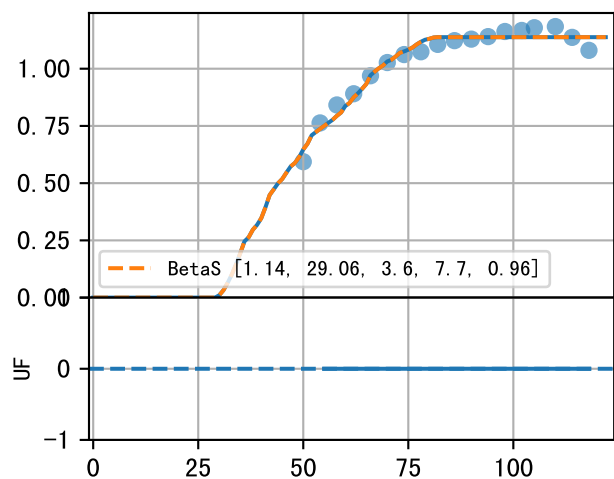
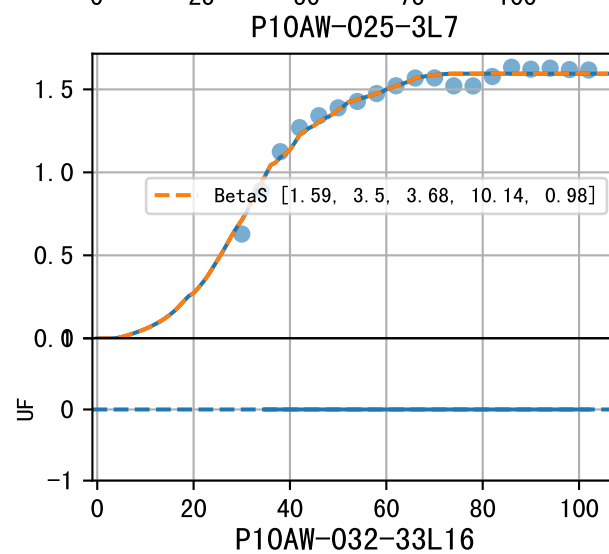
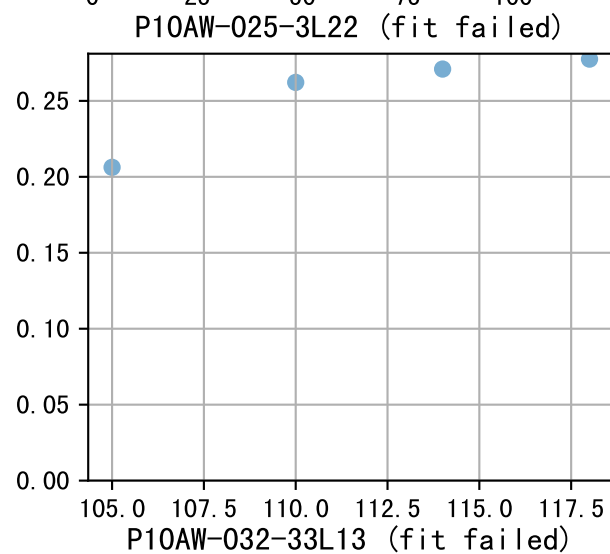
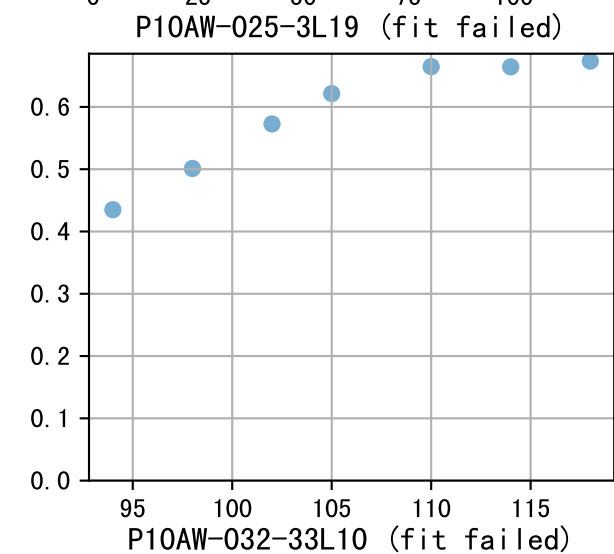
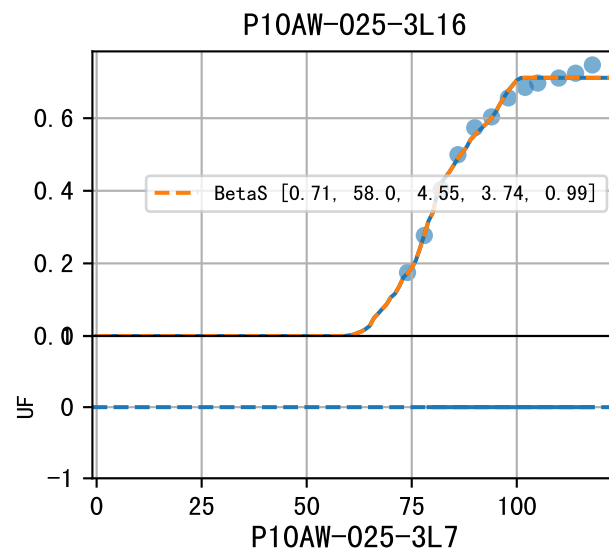
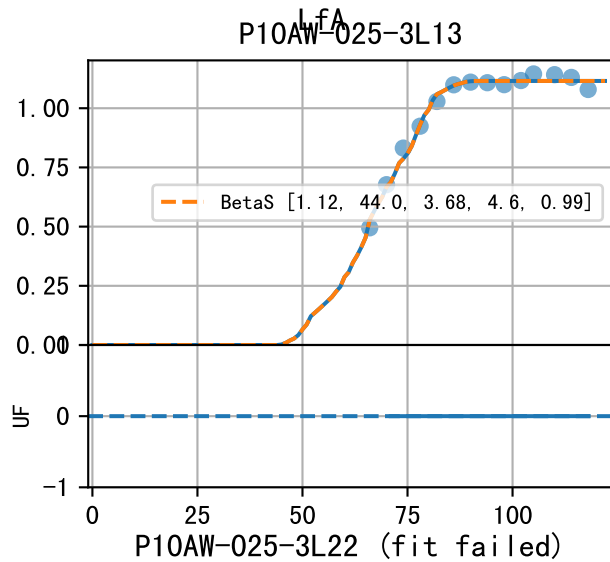
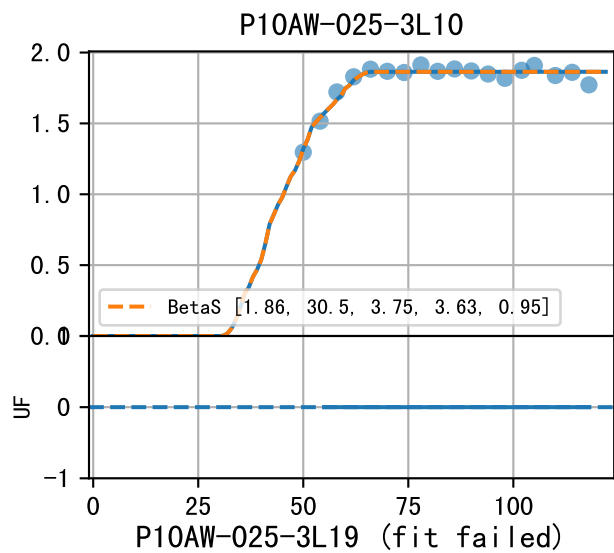


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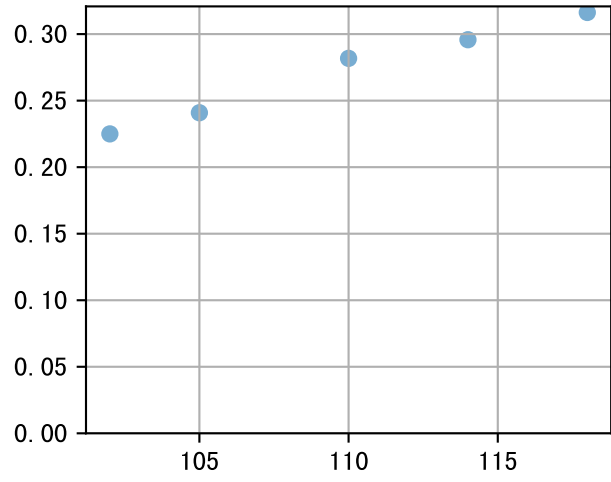


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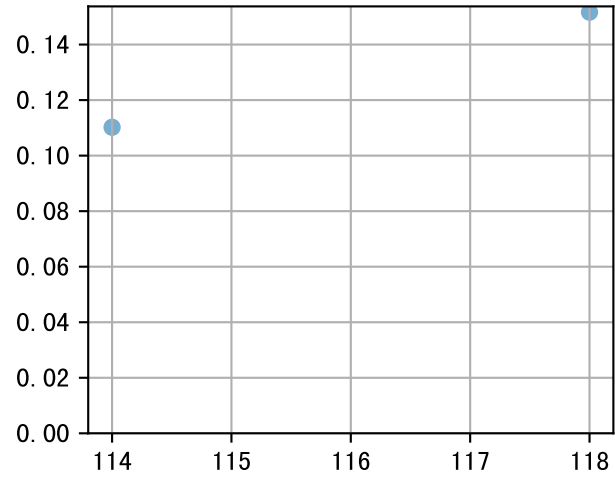




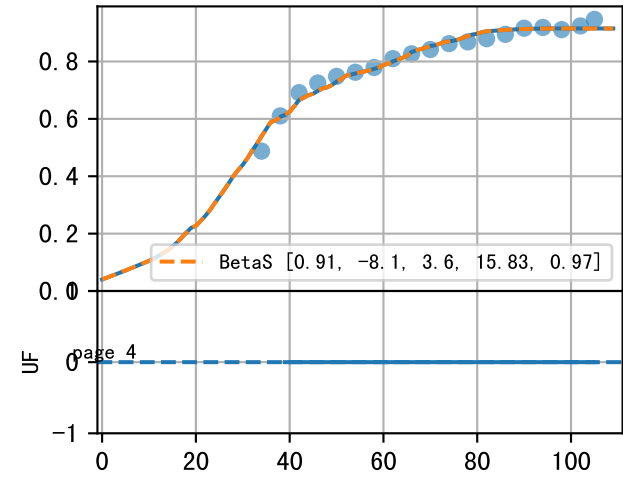
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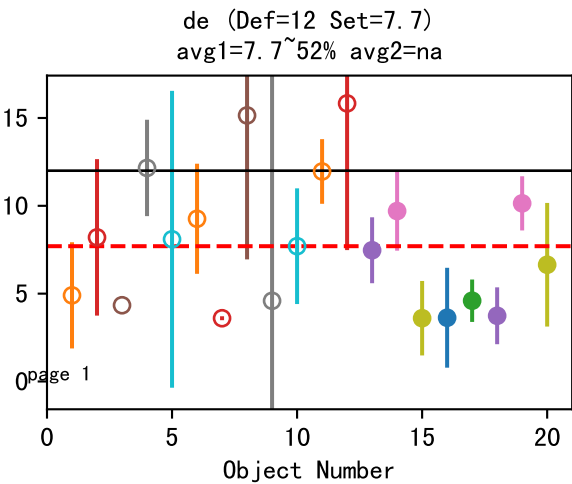
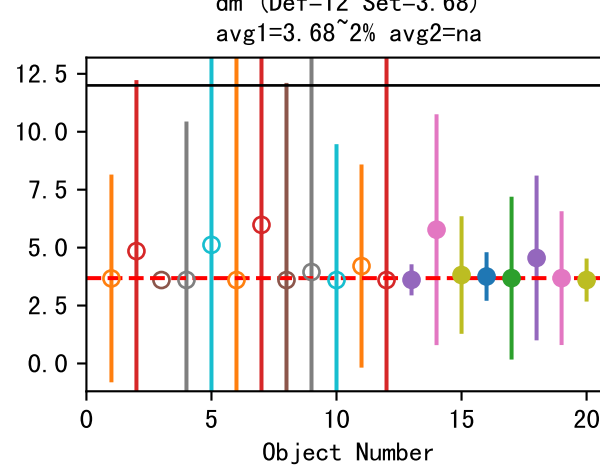
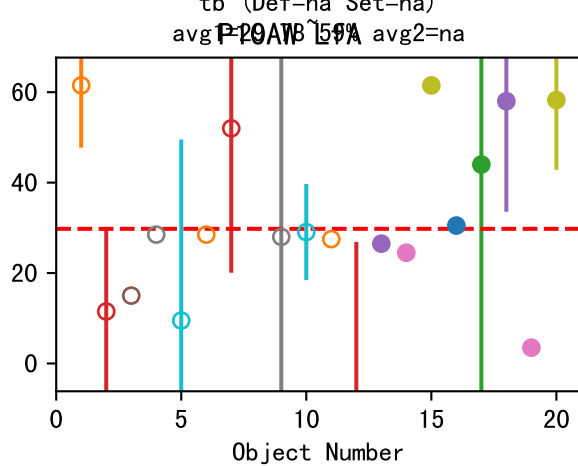
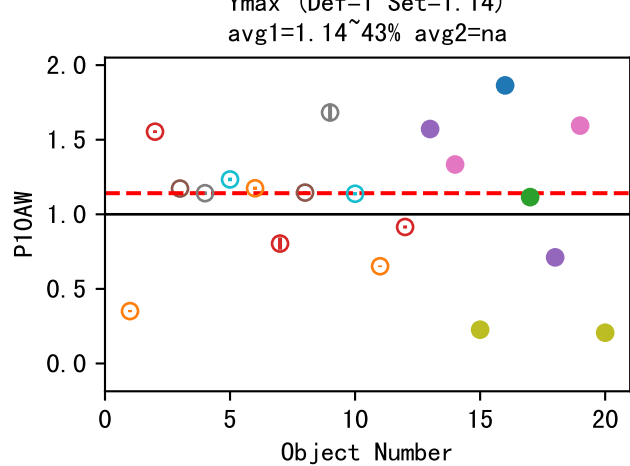
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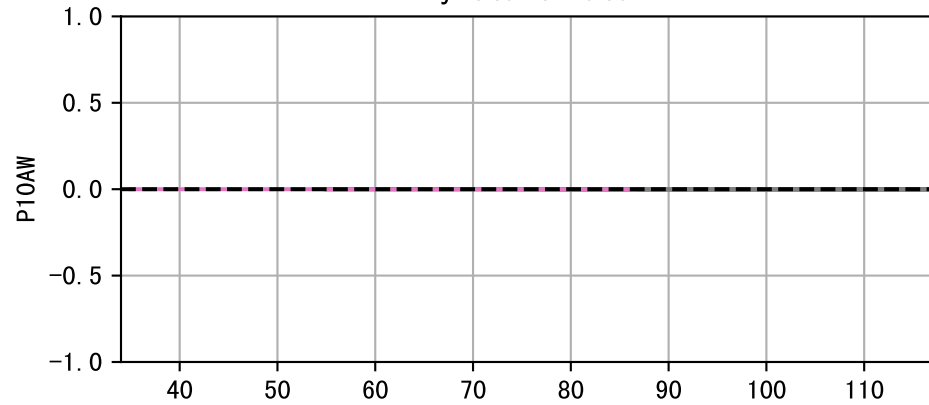
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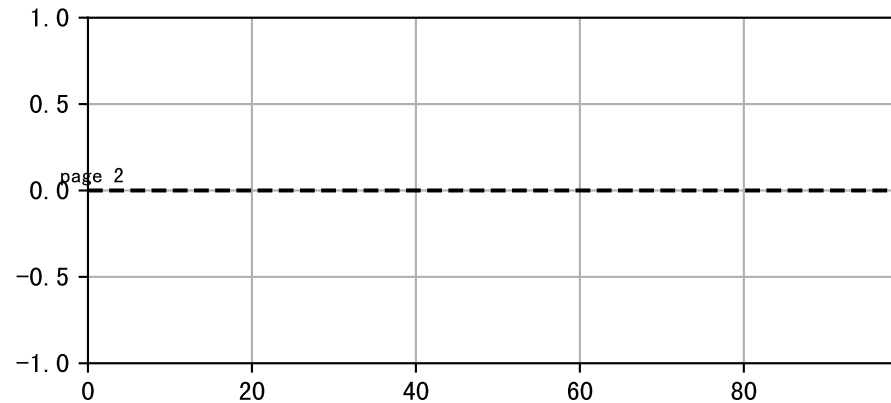
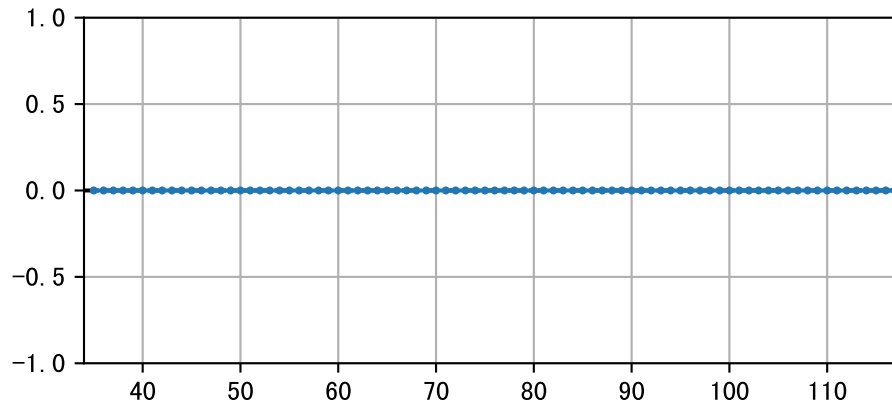
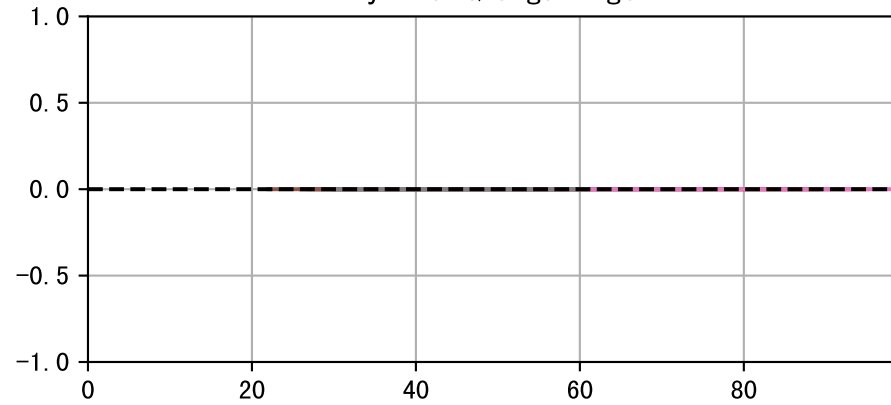
page 4

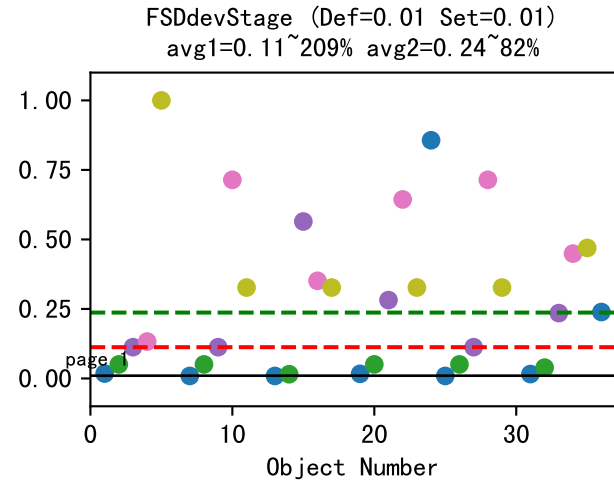
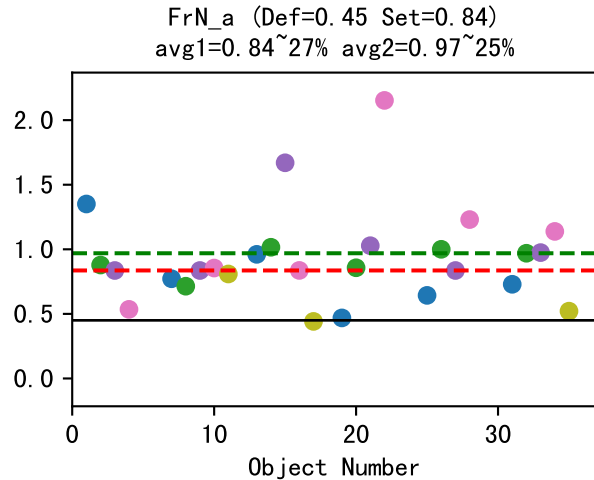
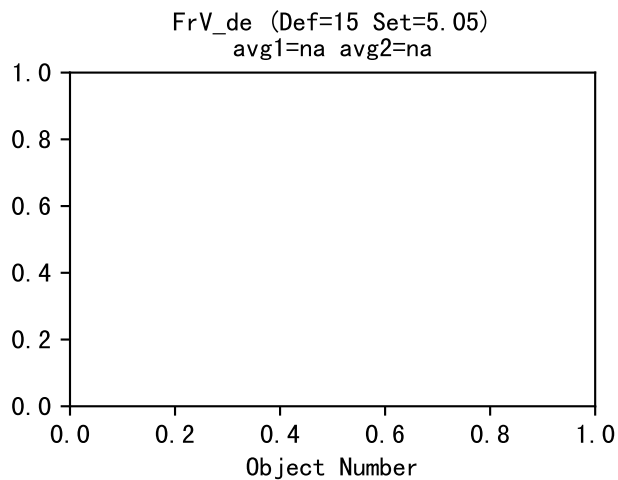
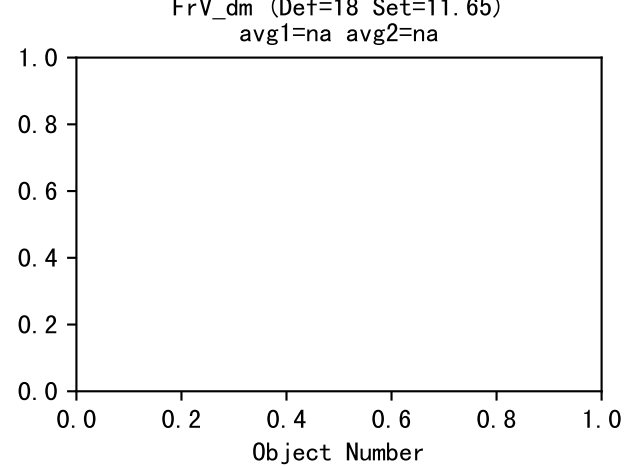
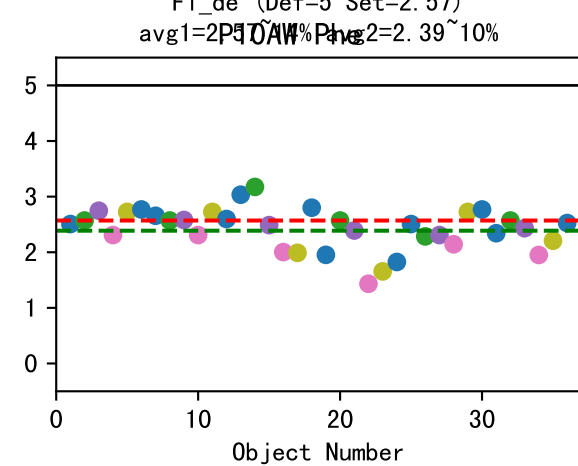
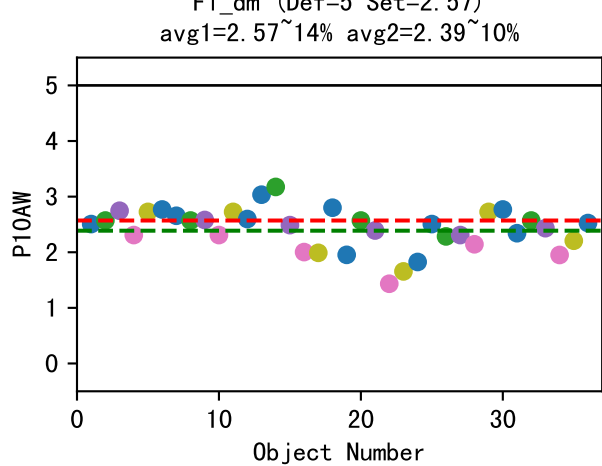


By Start Date

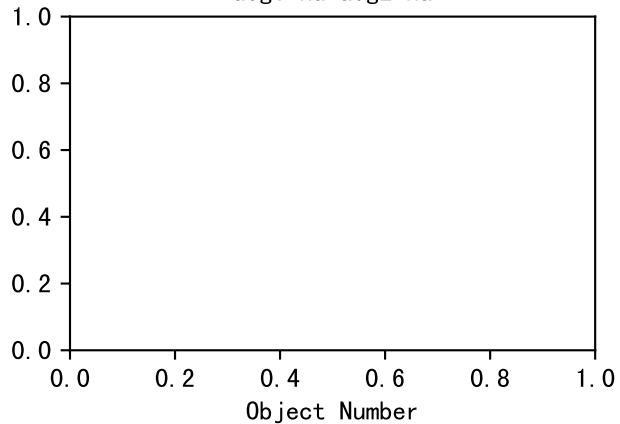


By Plant/Organ Age

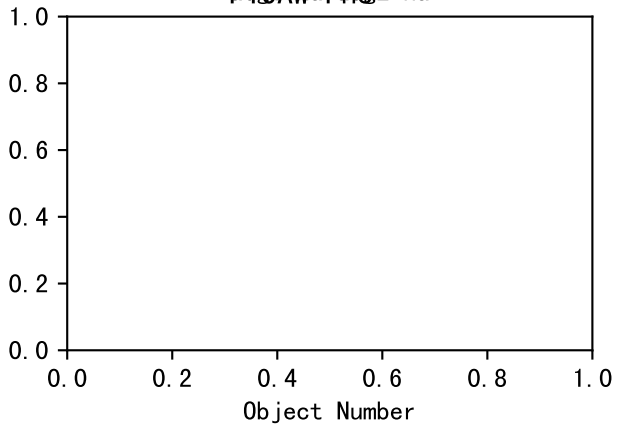




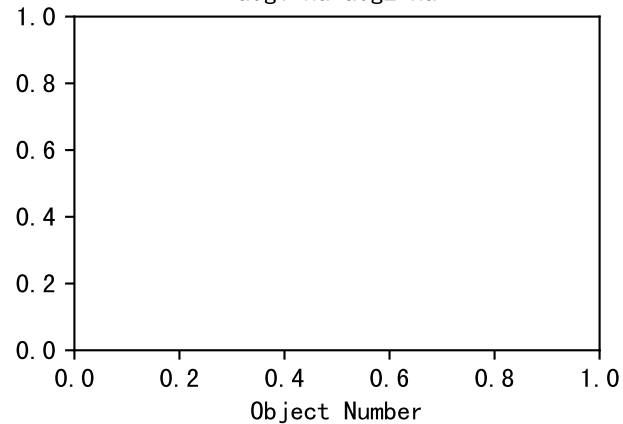
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



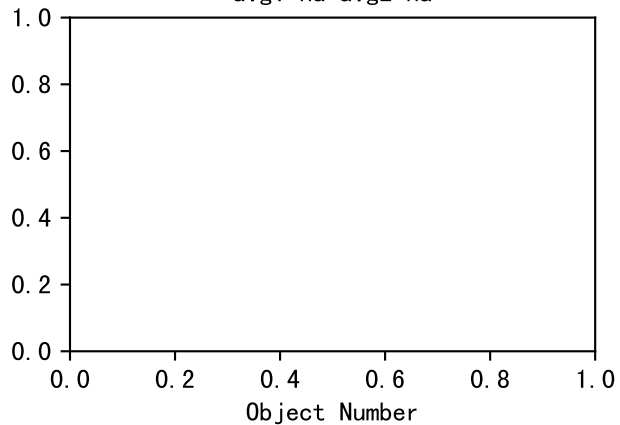
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



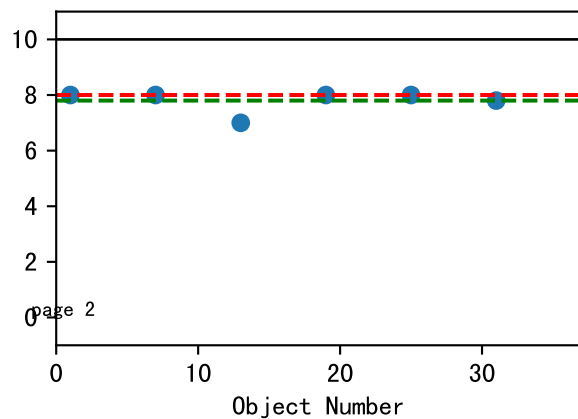
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

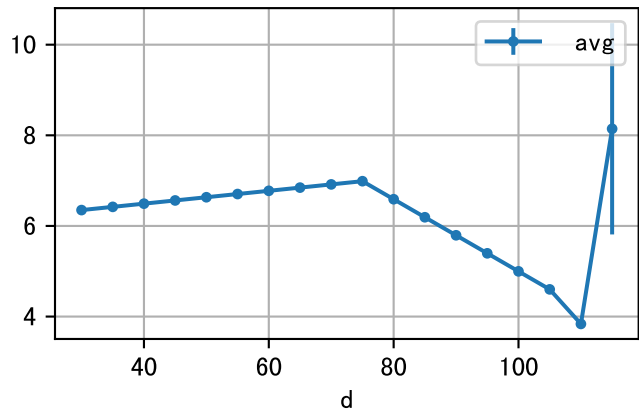


NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=7.8

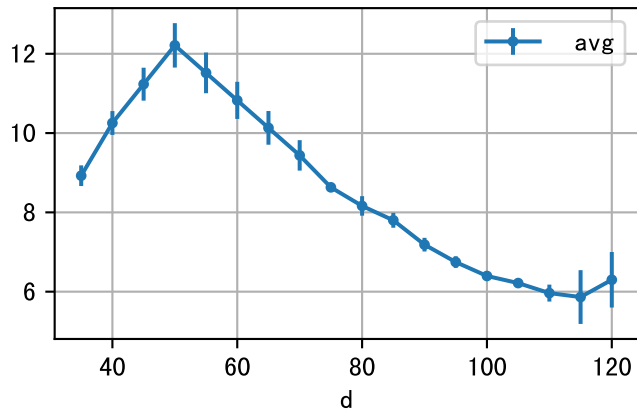


NdD: avg vs. d at each age group

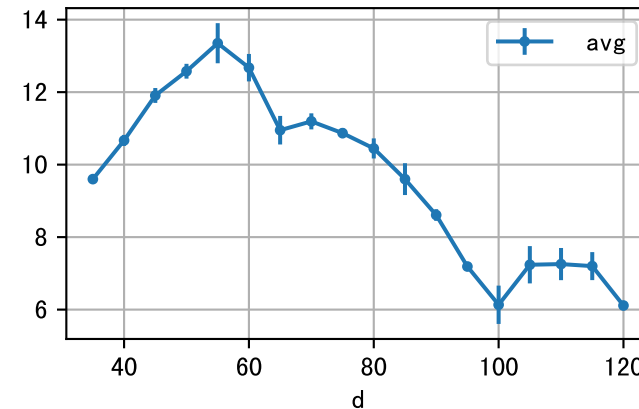
age=15



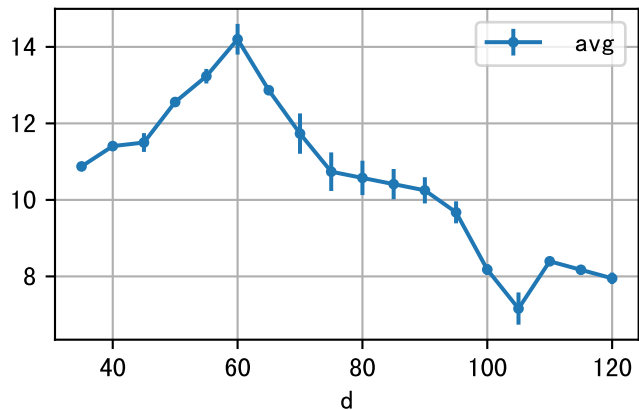
age=20



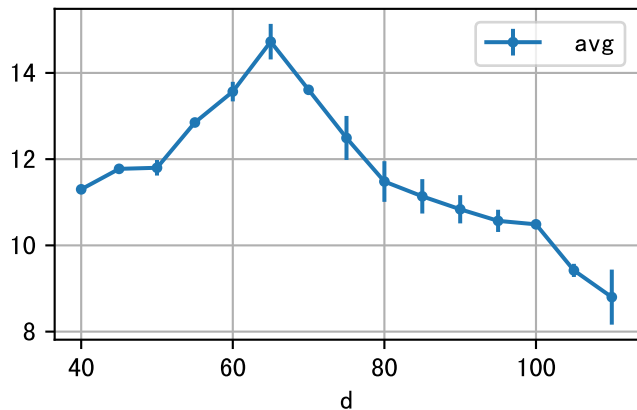
age=25



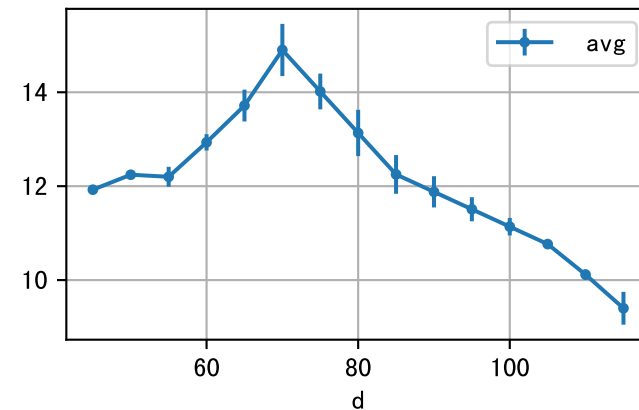
age=30



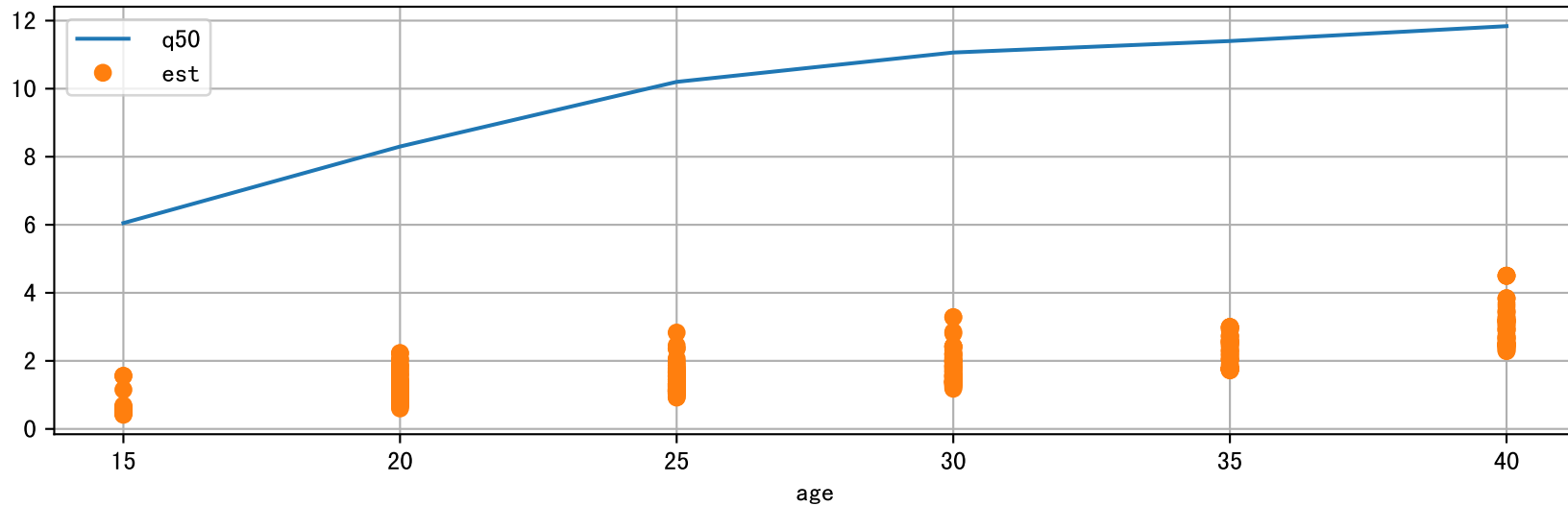
age=35



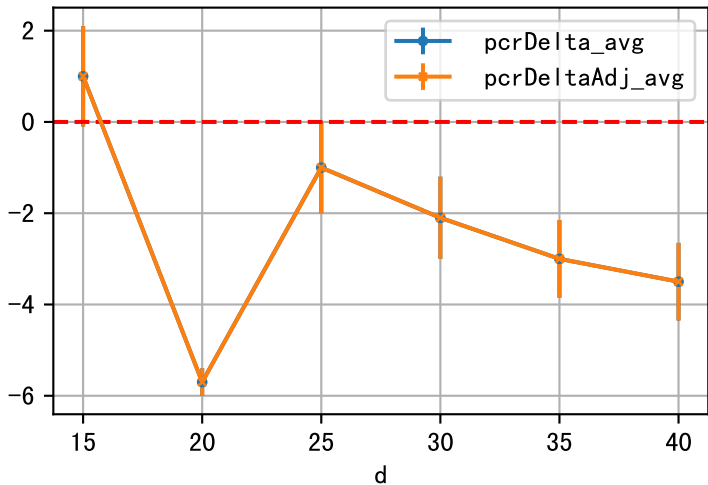
age=40



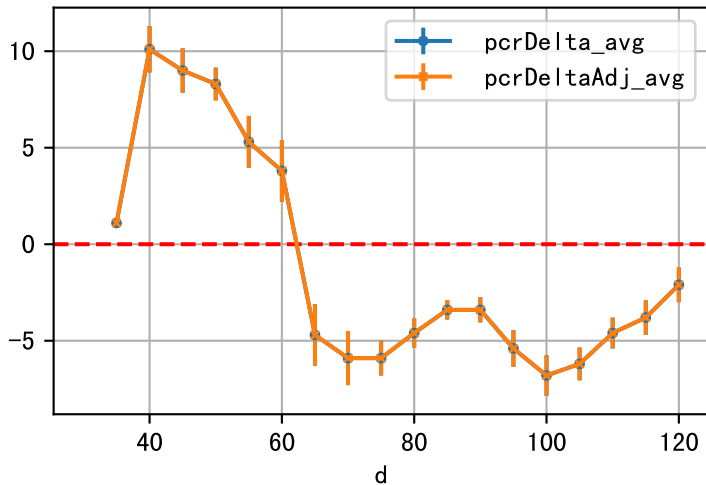
NdD: model est vs obs0v@Q50



DeltaTypeAbbr=GrpByAge

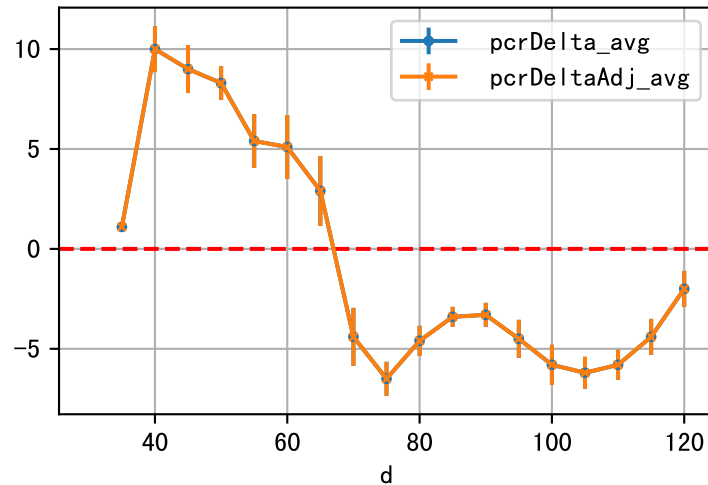


DeltaTypeAbbr=GrpByDay

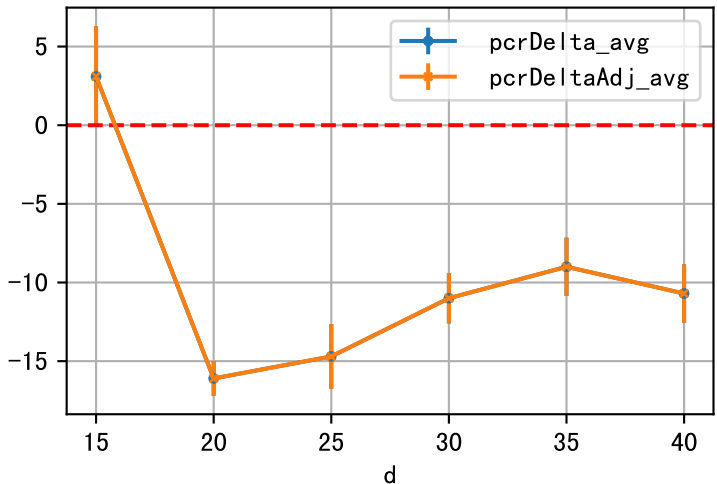


page 3

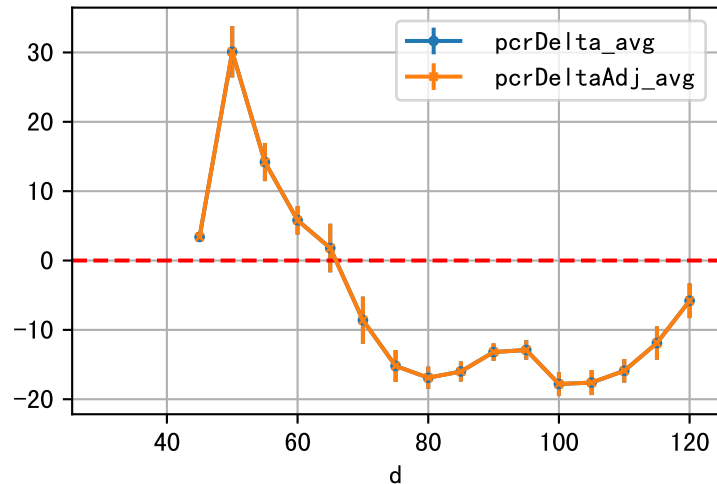
DeltaTypeAbbr=Wei AvgByD



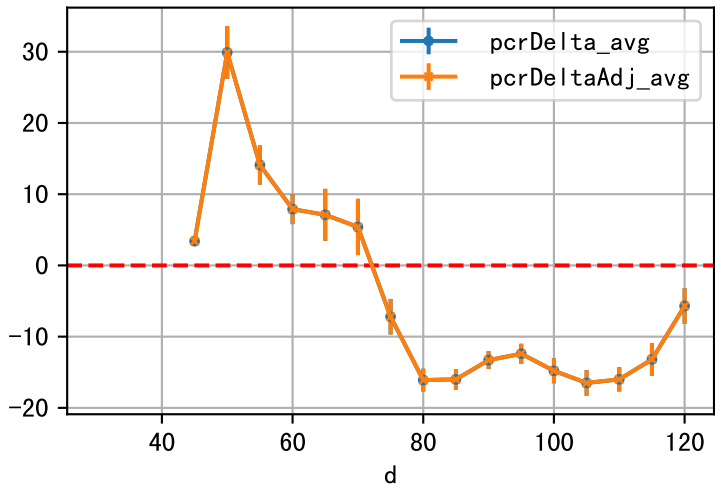
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

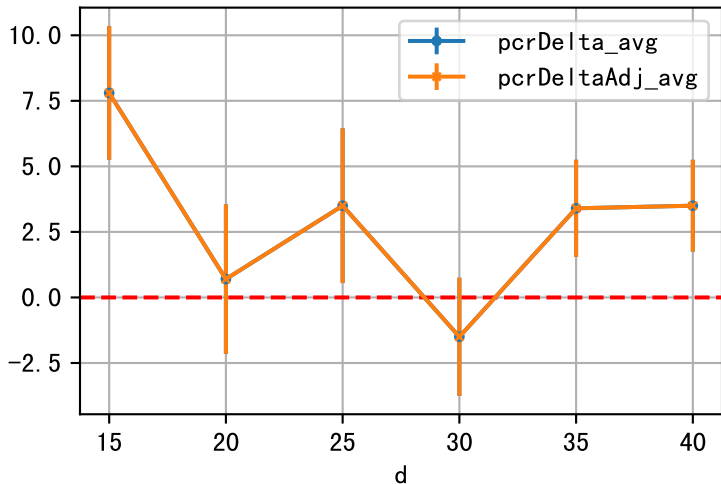


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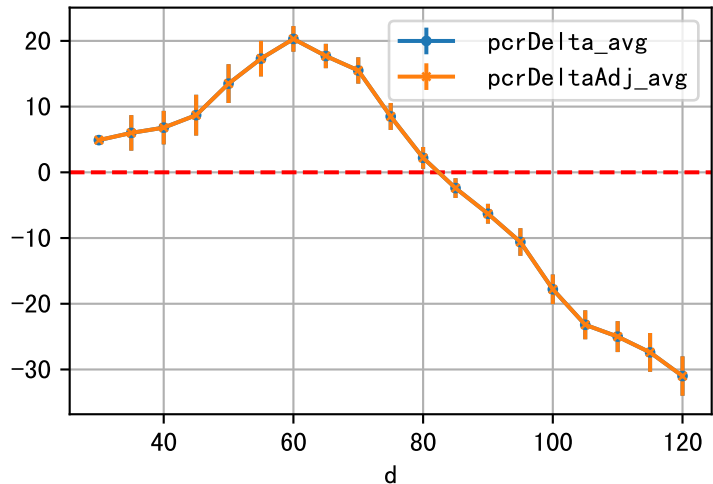


P10AW NdD: D_Q50_NdD

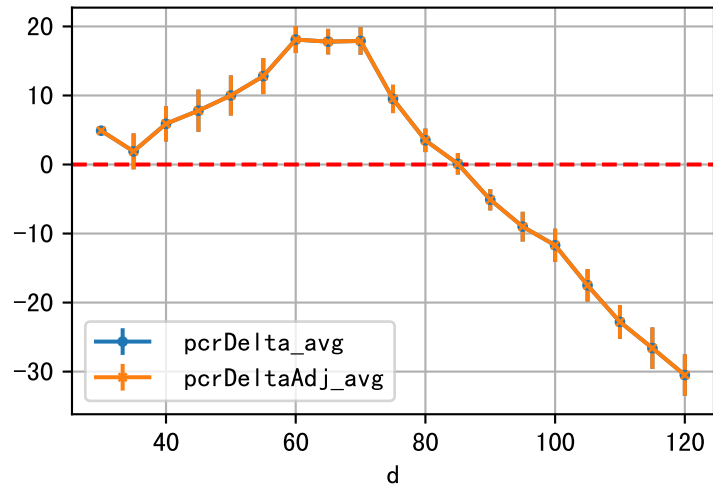
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

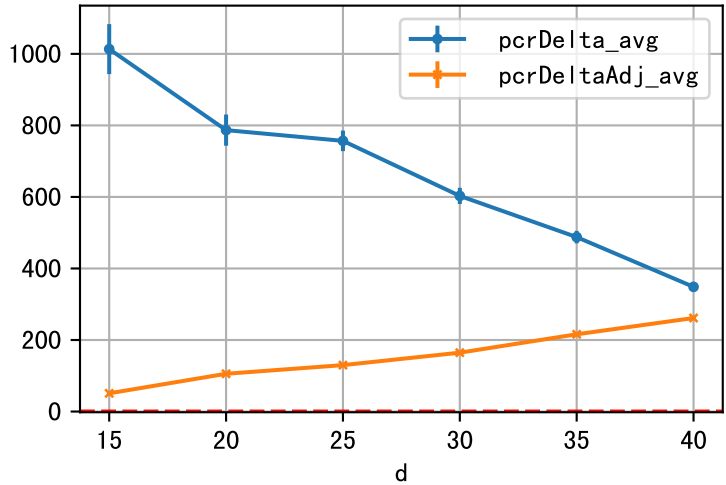


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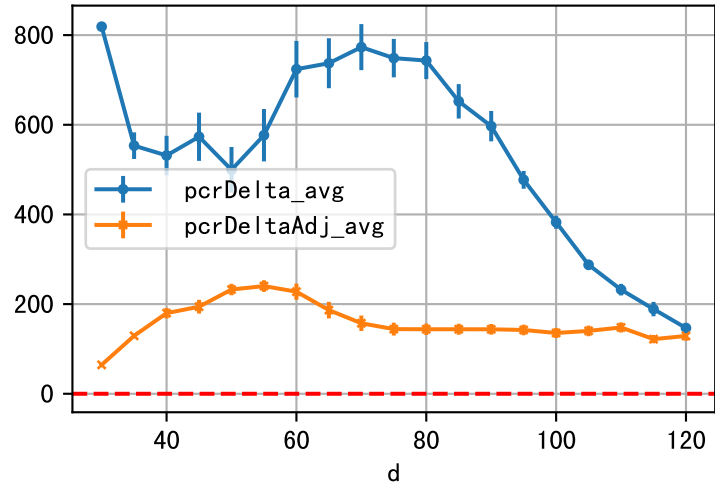


P10AW NdD: D_Est_NdD

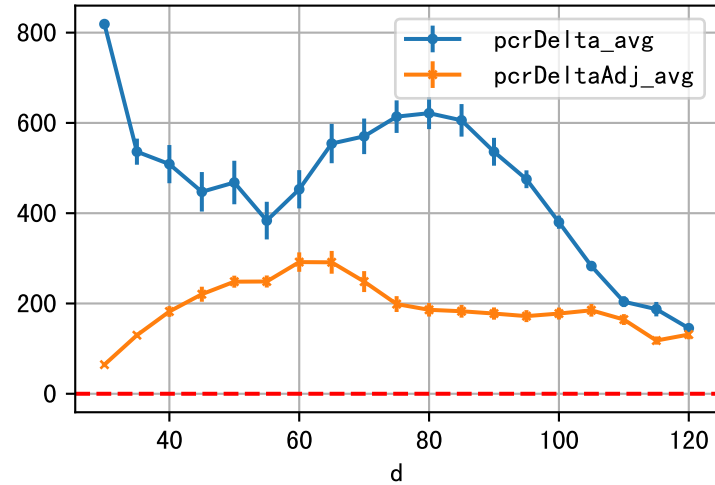
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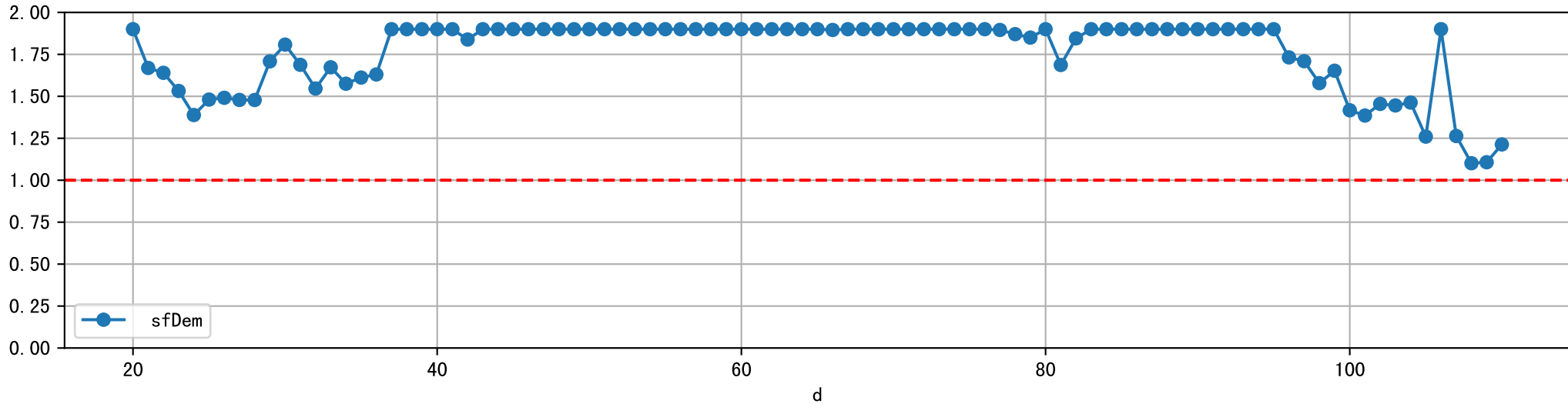
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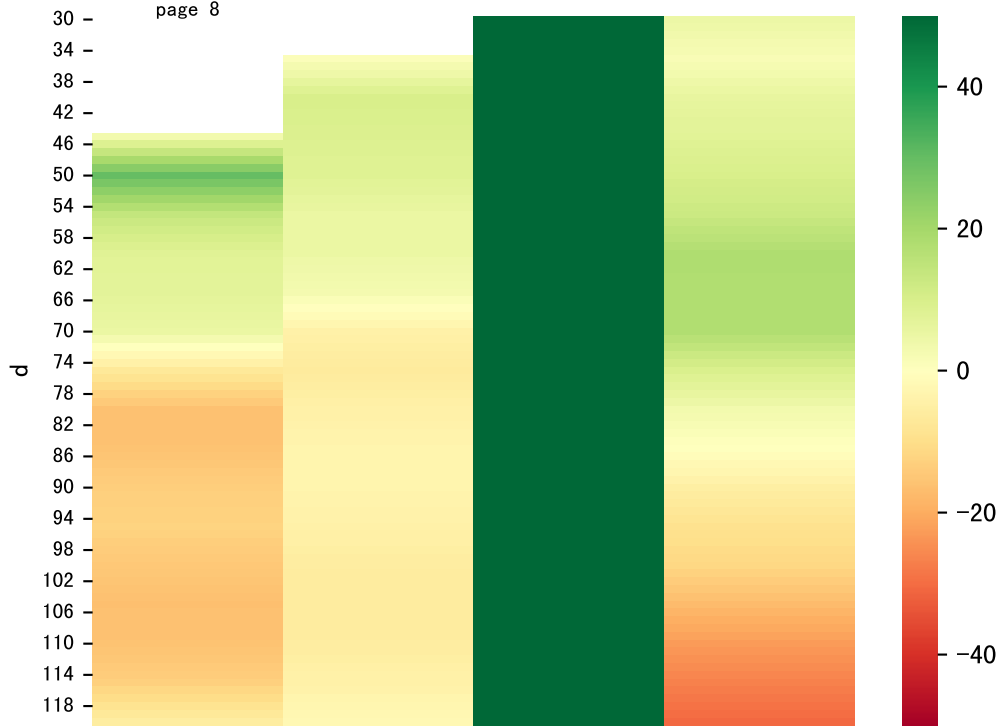


DeltaTypeAbbr=Wei AvgByD

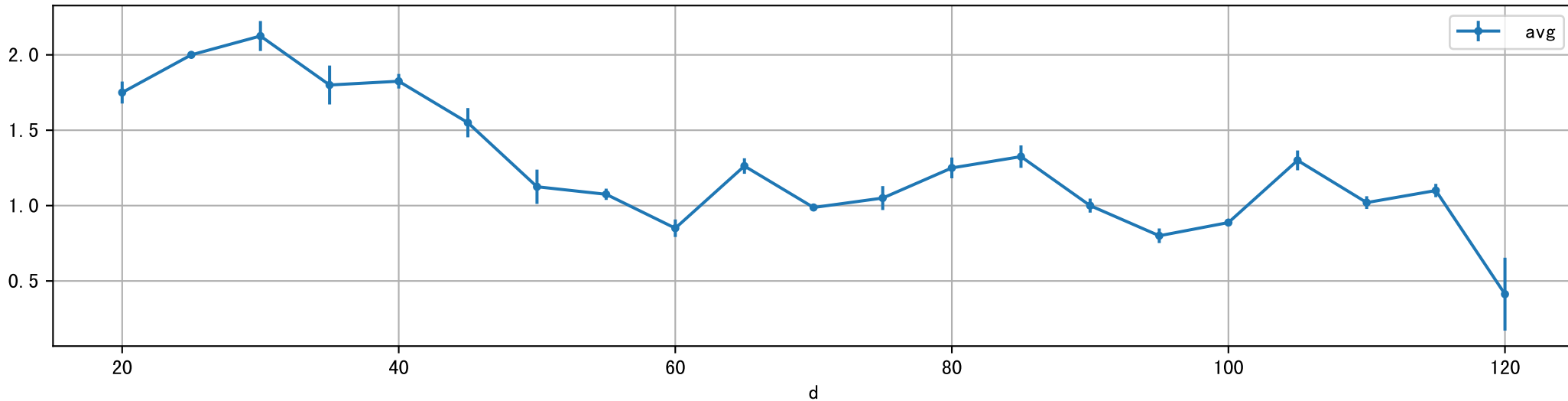


NdD: sfDem

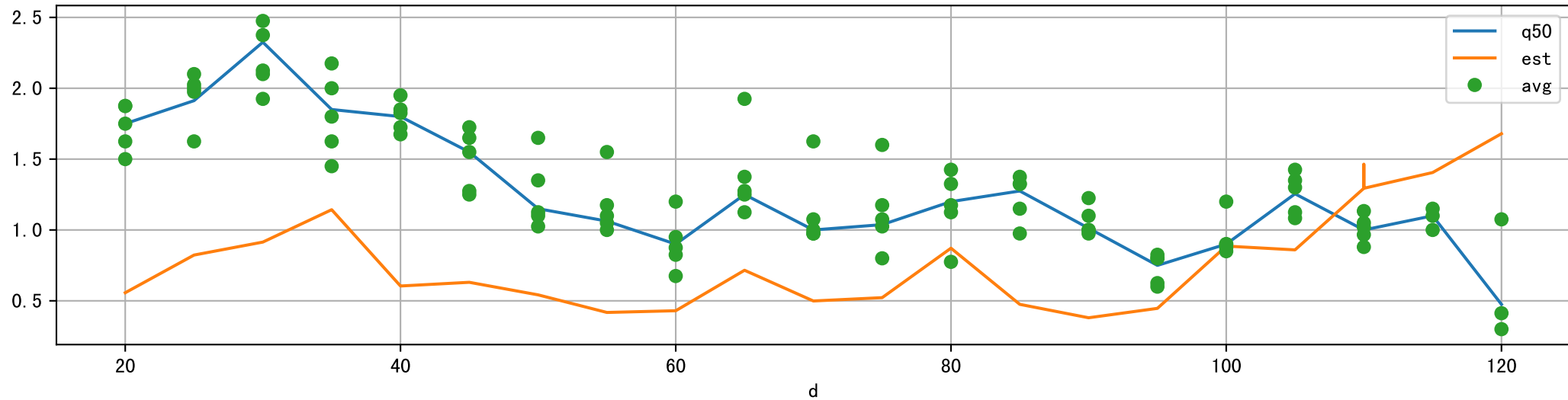




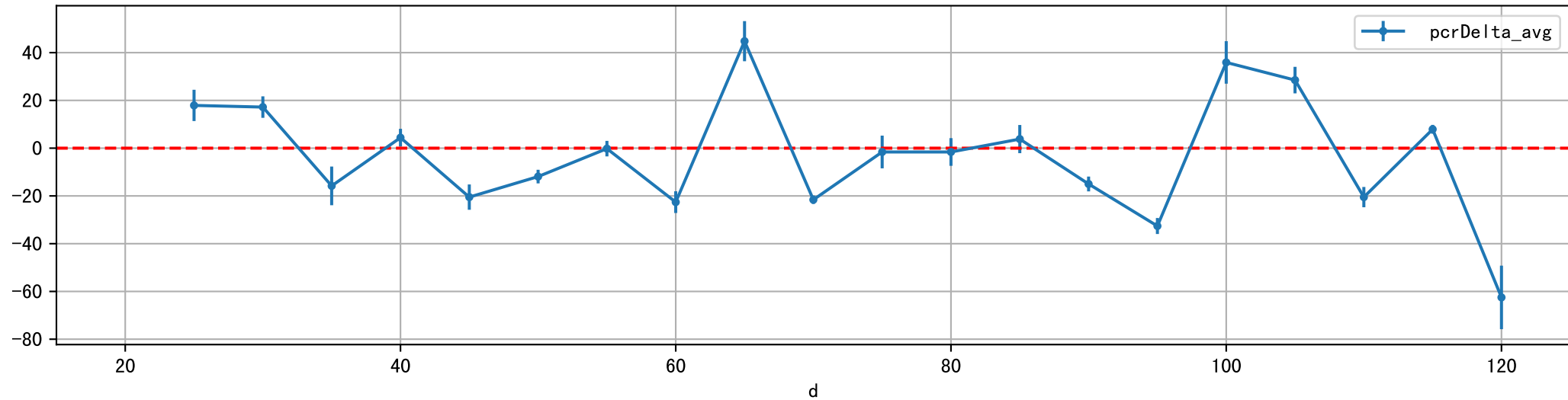
dStH: avg vs. d



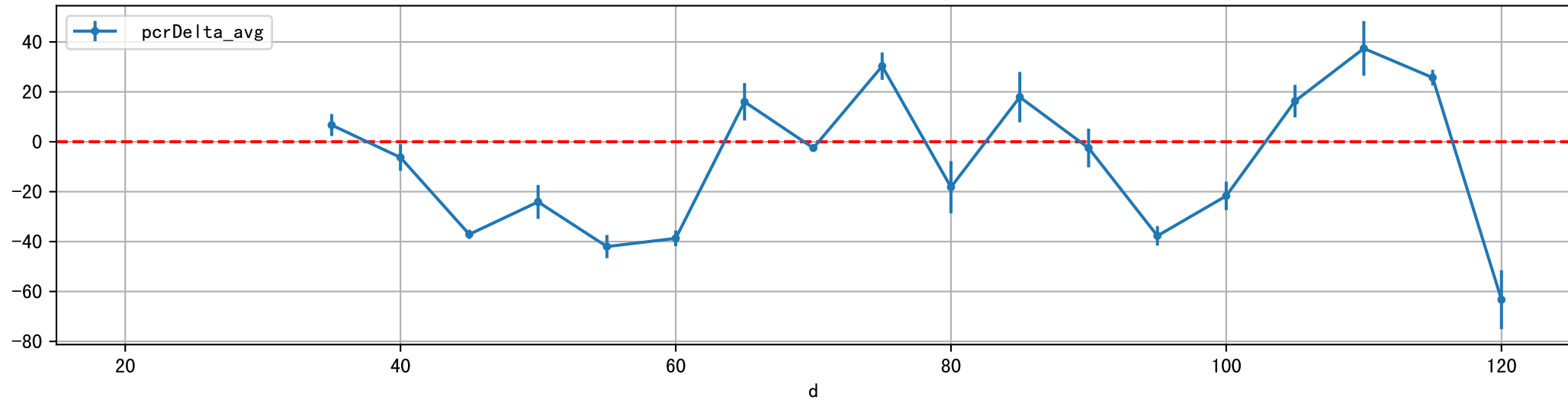
dStH: obsAvg vs obs0v@Q50



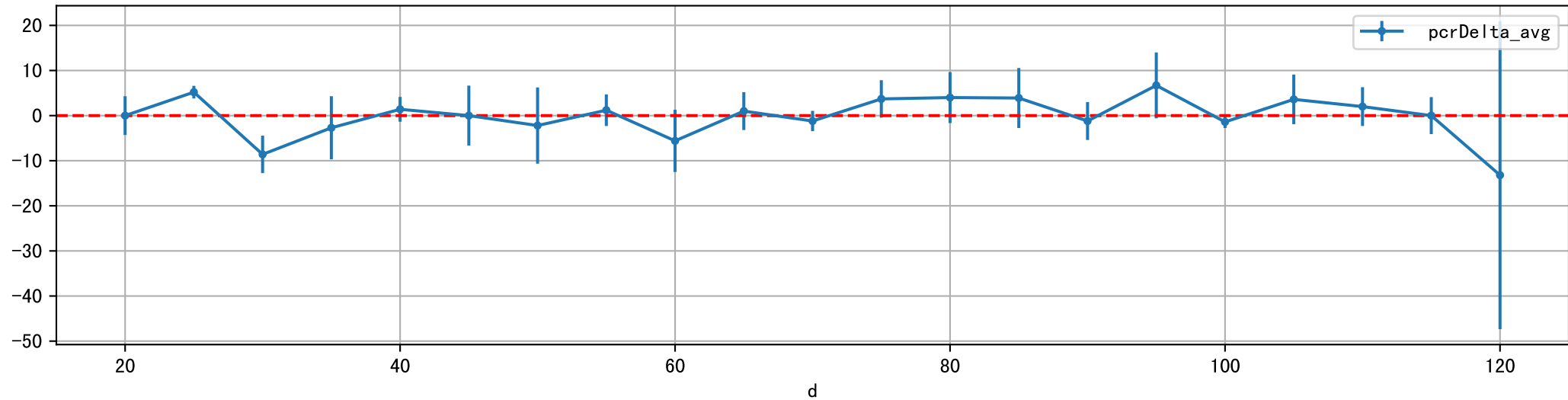
dStH: D_5d_StH



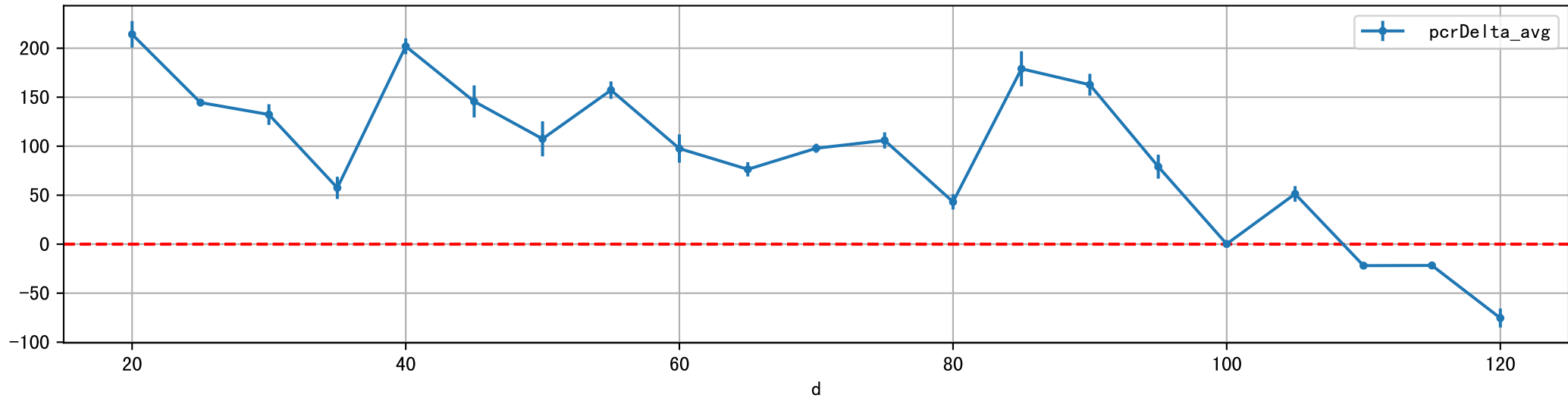
dStH: D_15d_StH



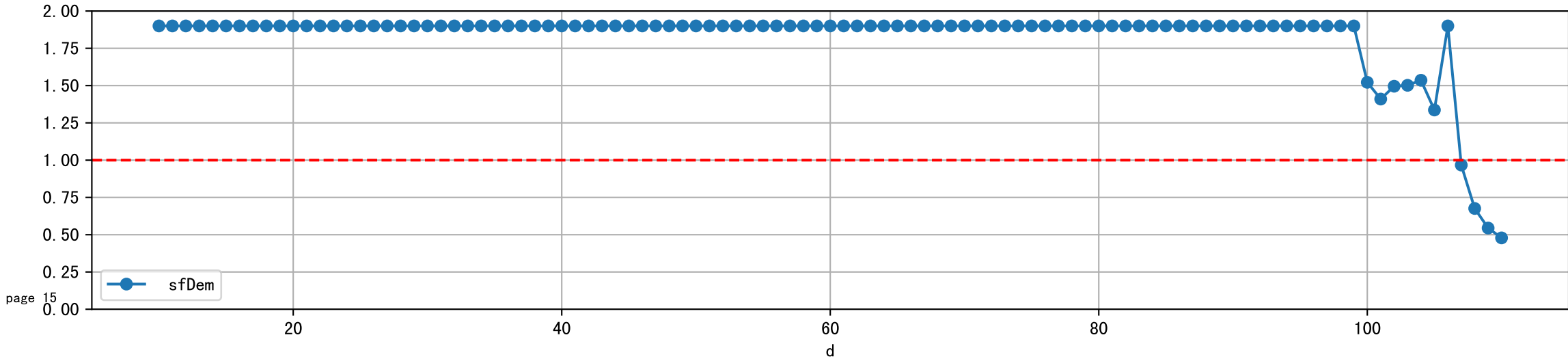
dStH: D_Q50_StH

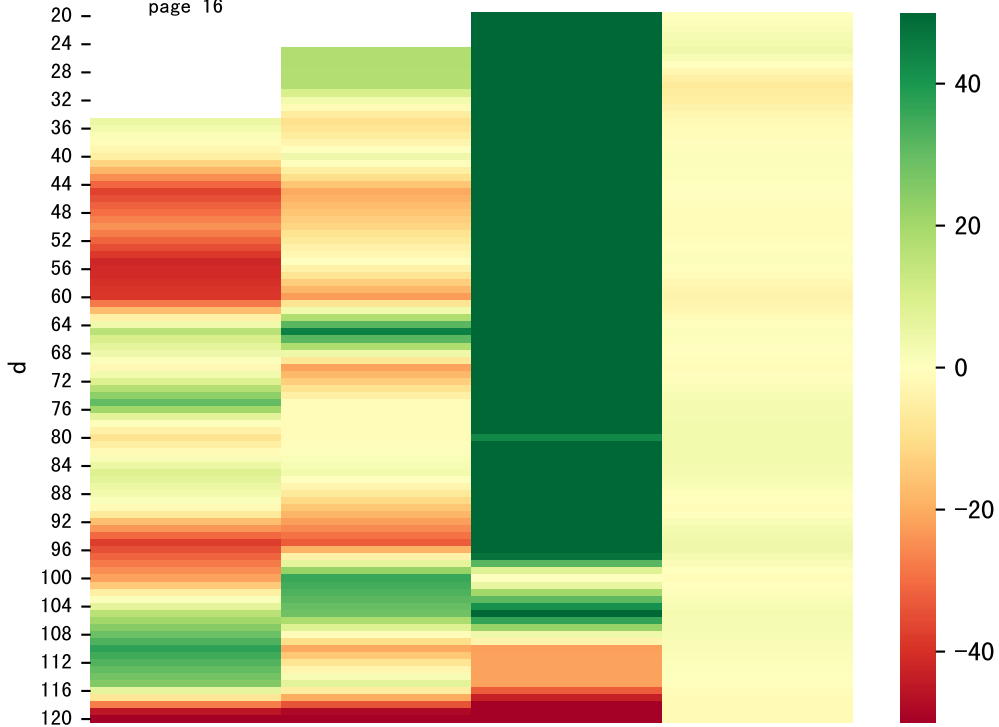


dStH: D_Est_StH



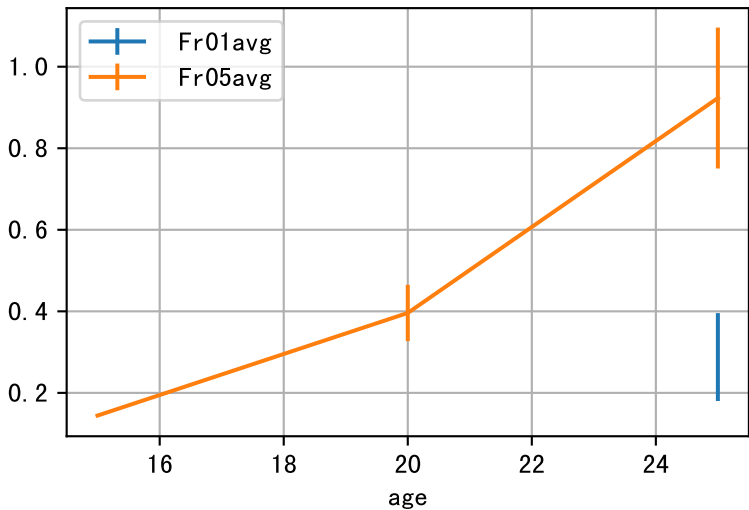
dStH: sfDem



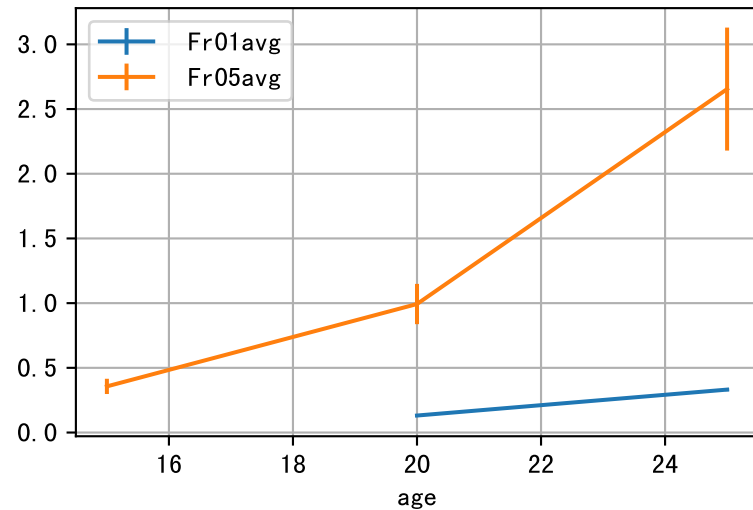


FrV: Fr01 vs Fr05 at each truss

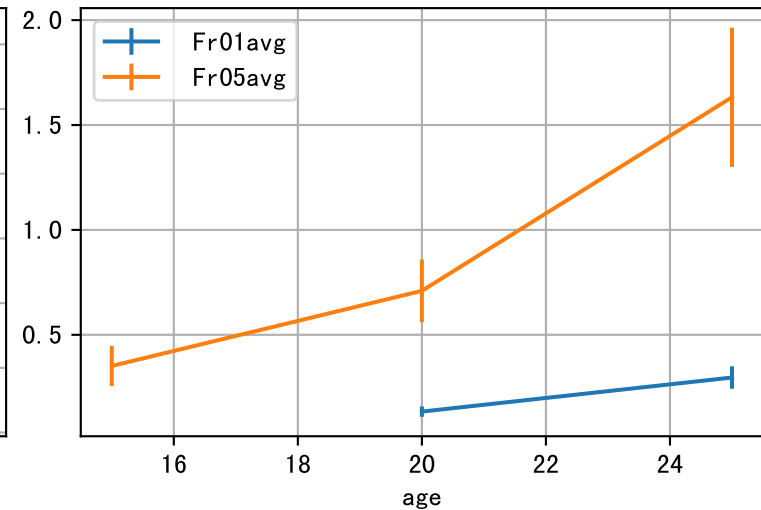
organID=T01



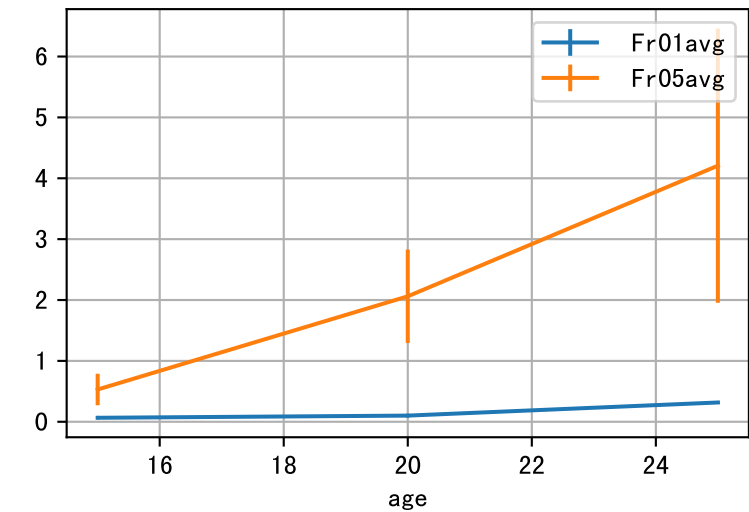
organID=T02



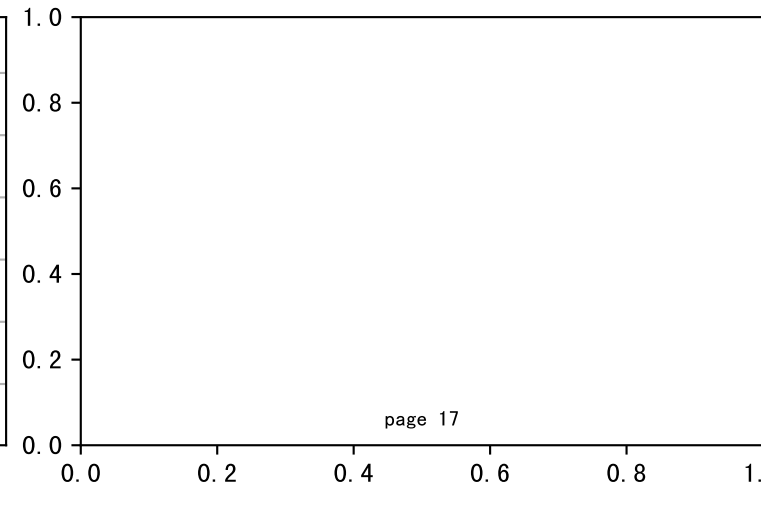
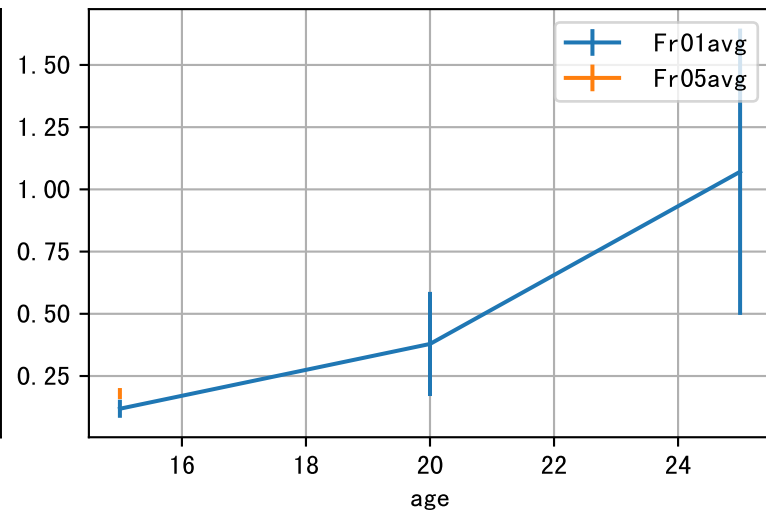
organID=T03



organID=T04

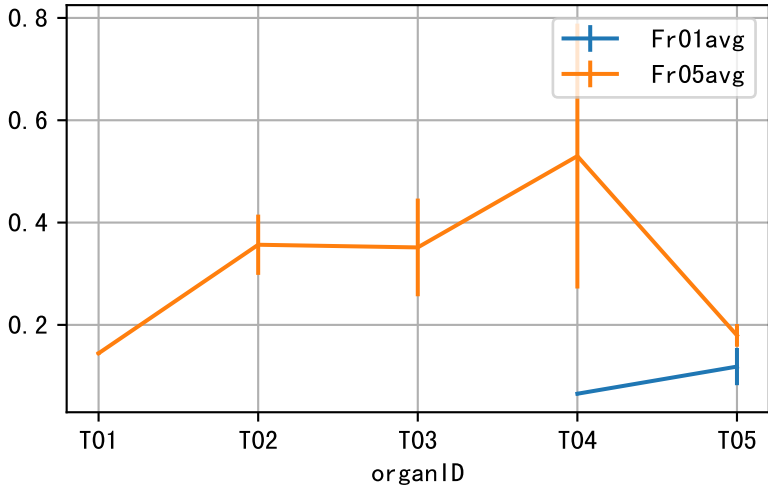


organID=T05

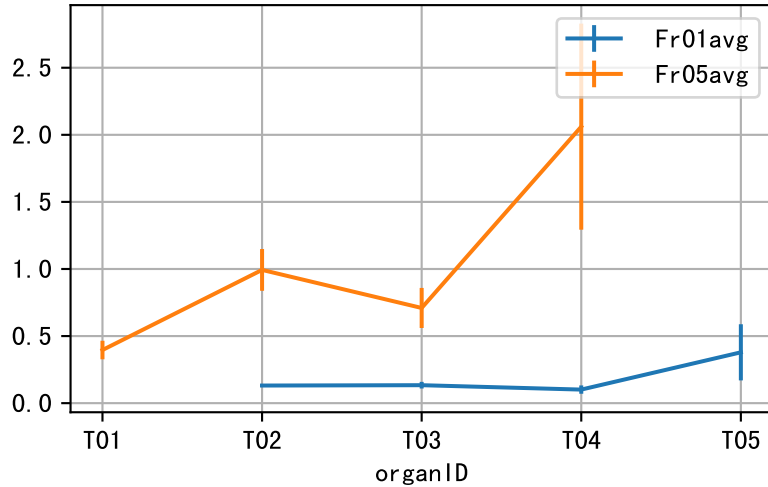


FrV trend at each age

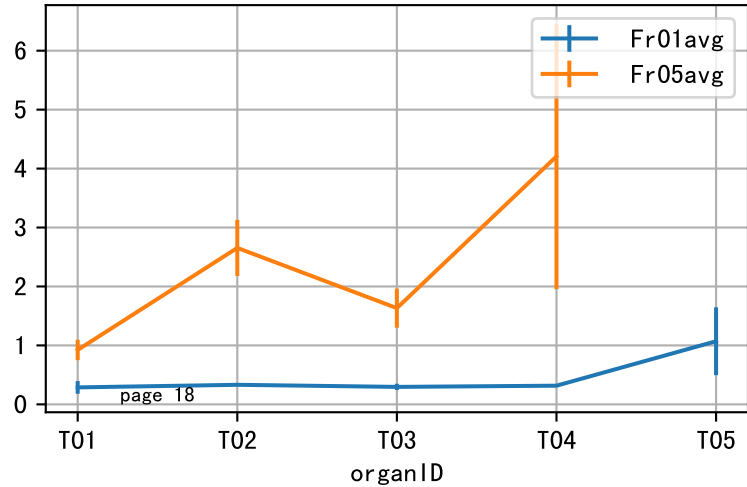
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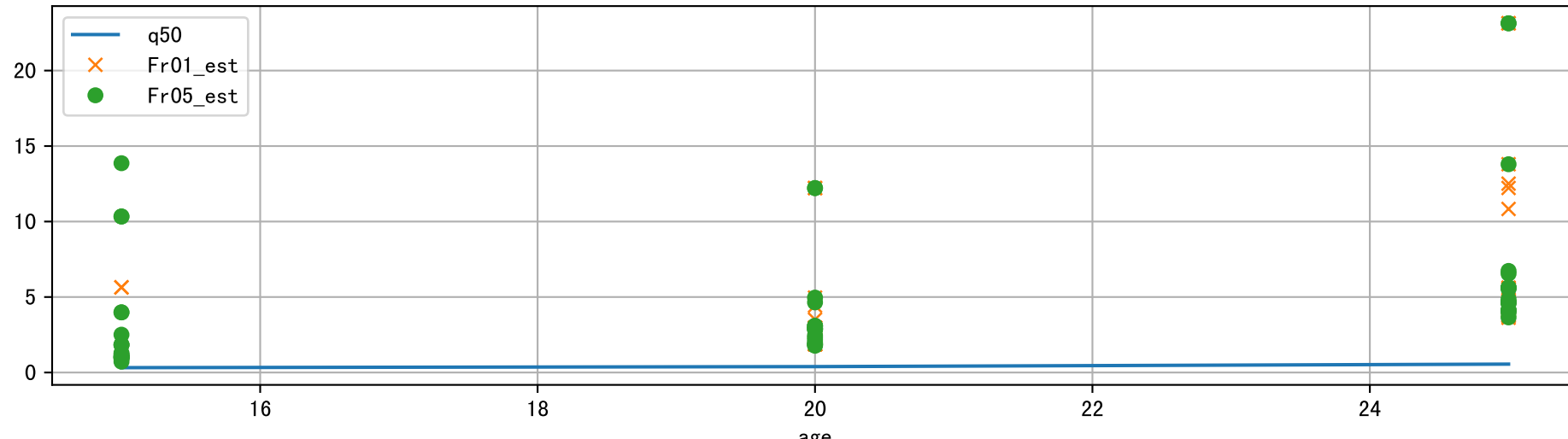
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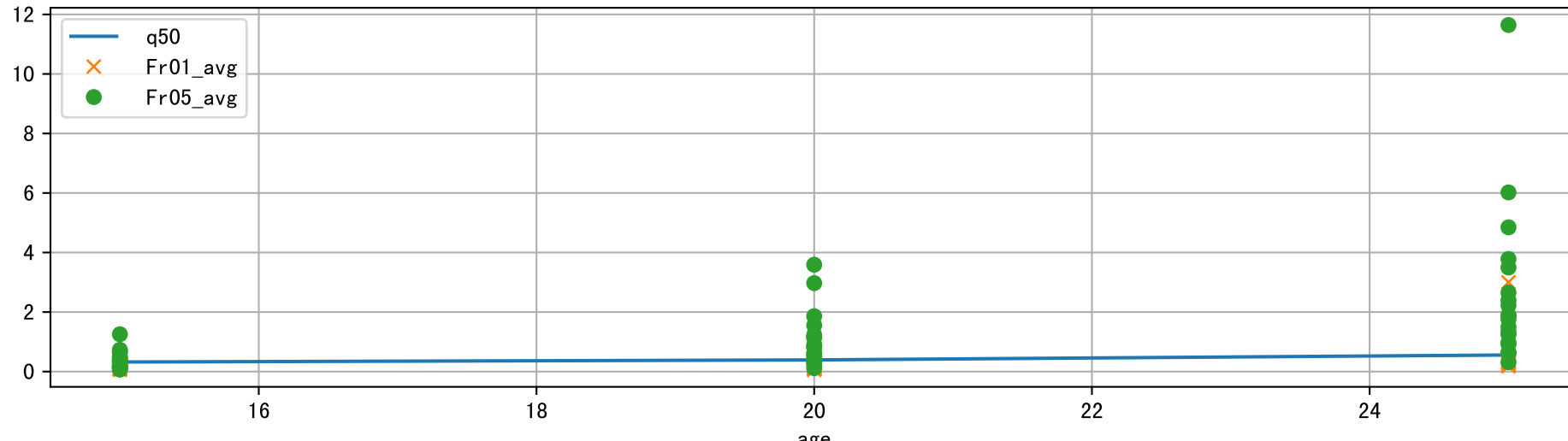
age=25



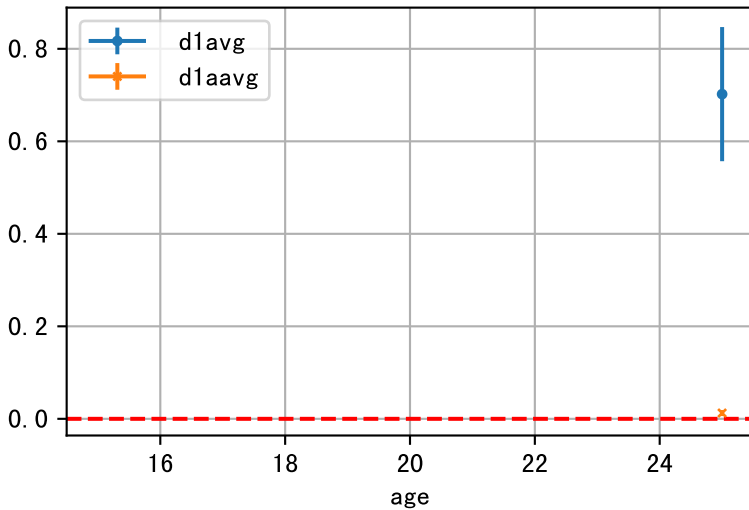
FrV: model Est vs obsFrV at Q90



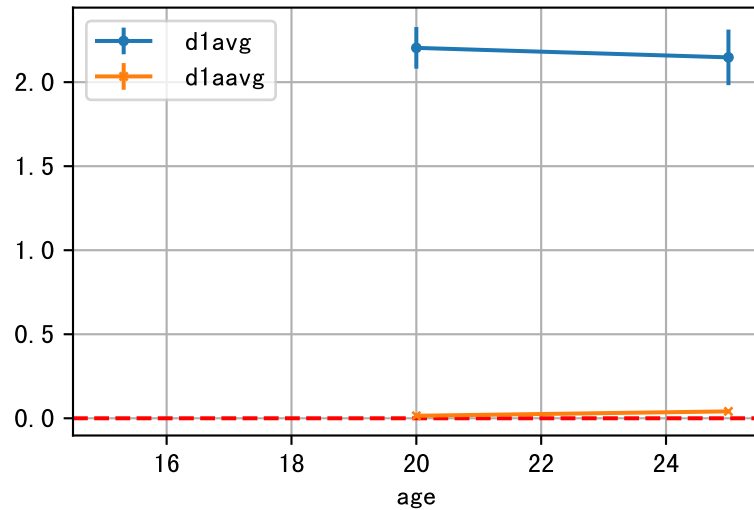
FrV: obsFrV vs obsFrV@Q90



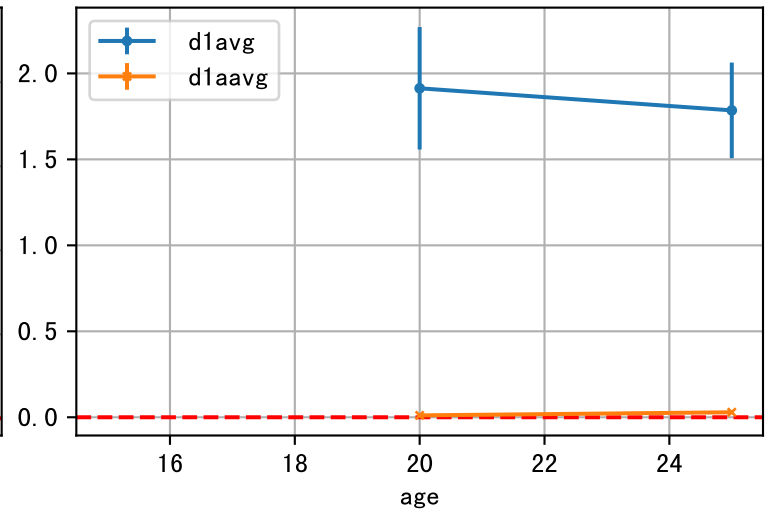
organID=1



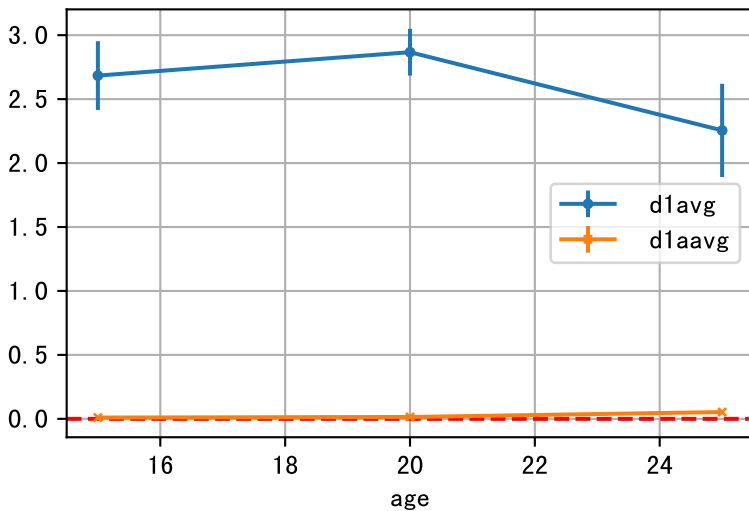
organID=2



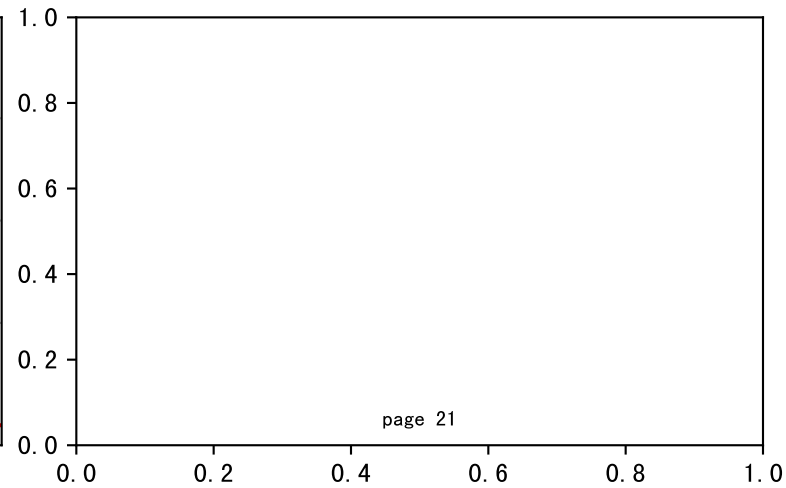
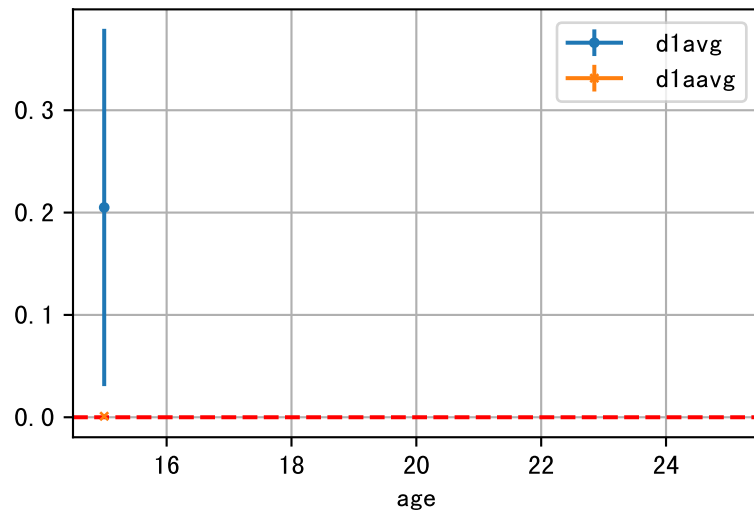
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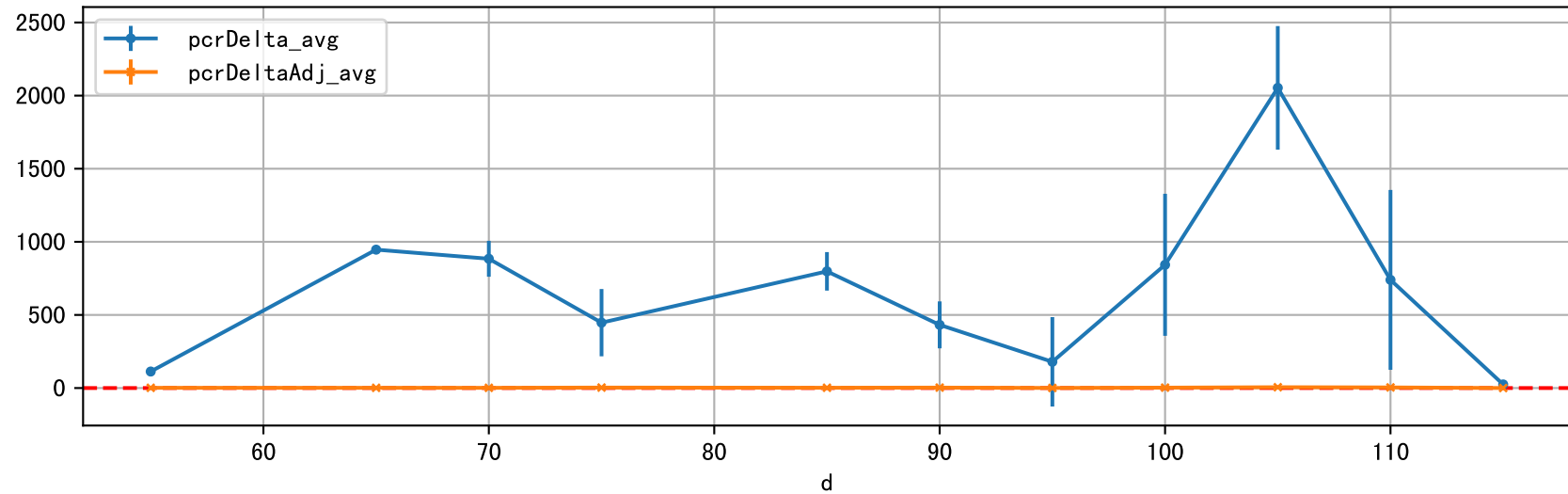
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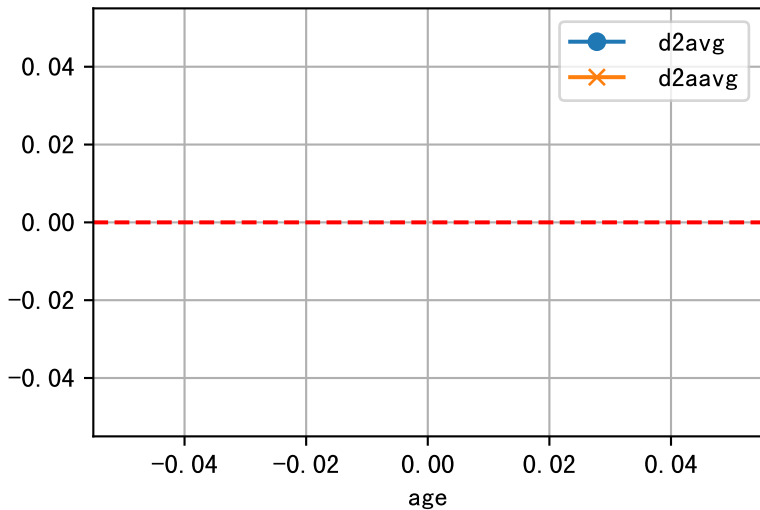
organID=5



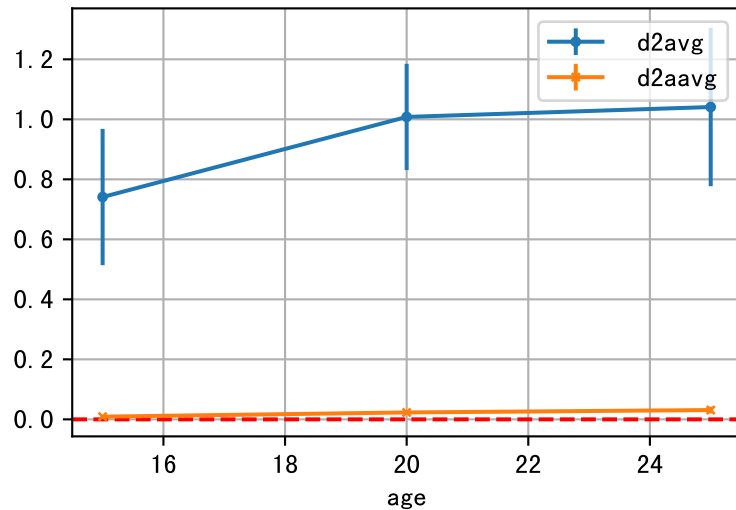
P10AW FrV: D_Fr1_FrV



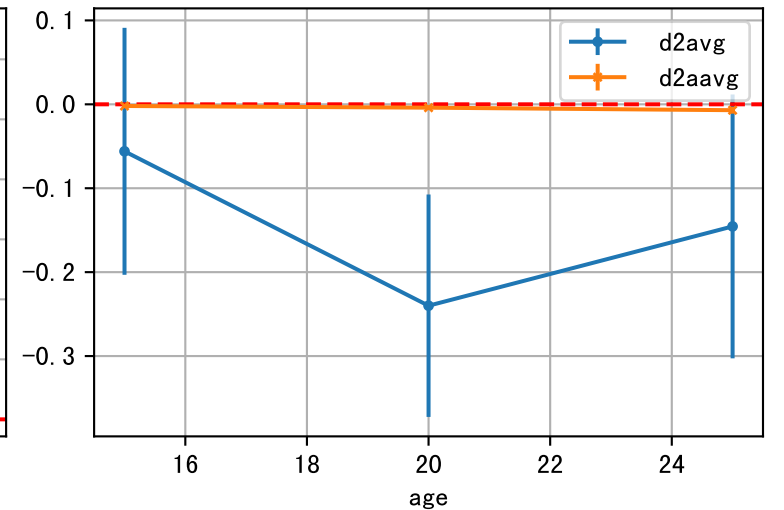
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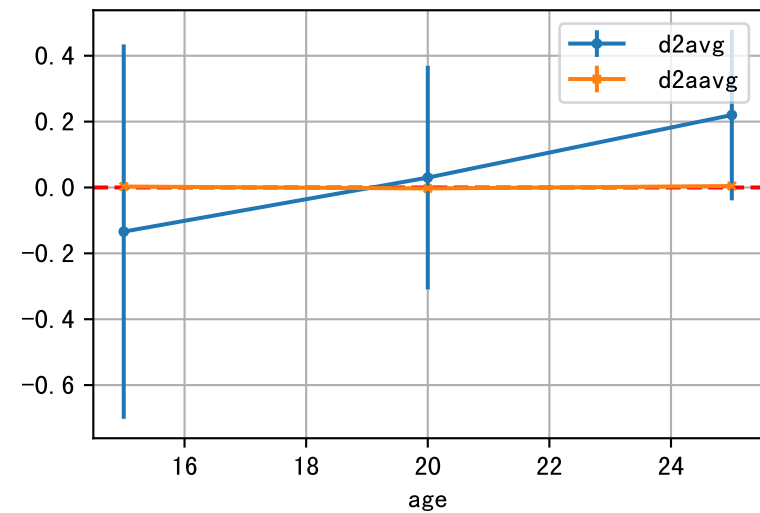
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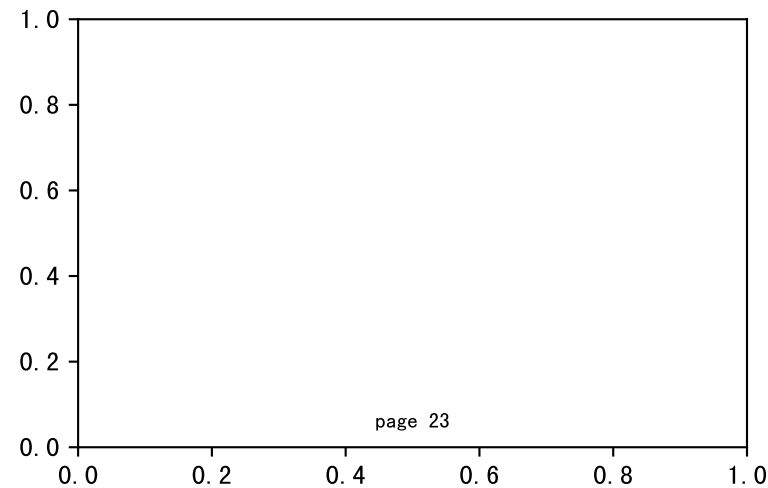
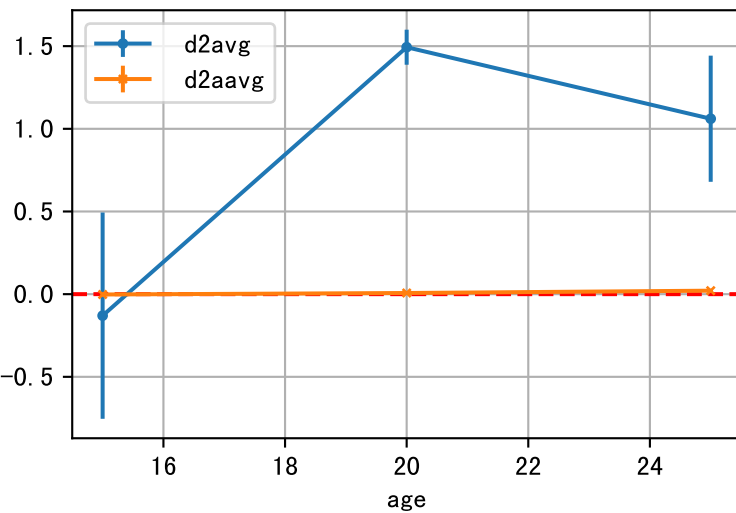
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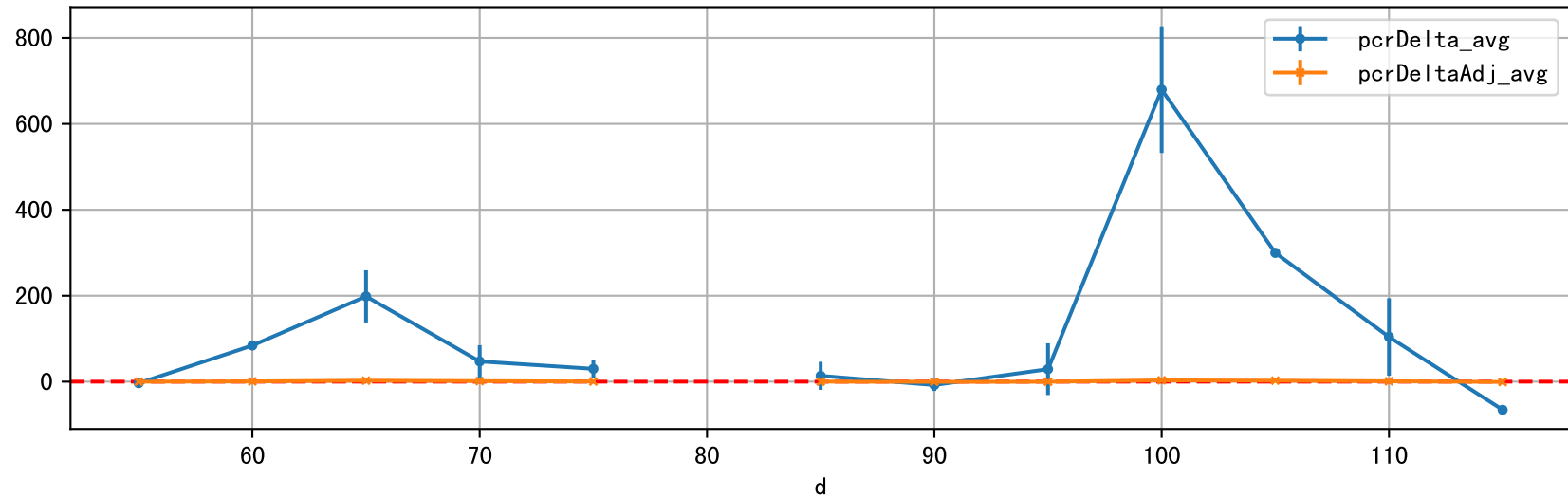
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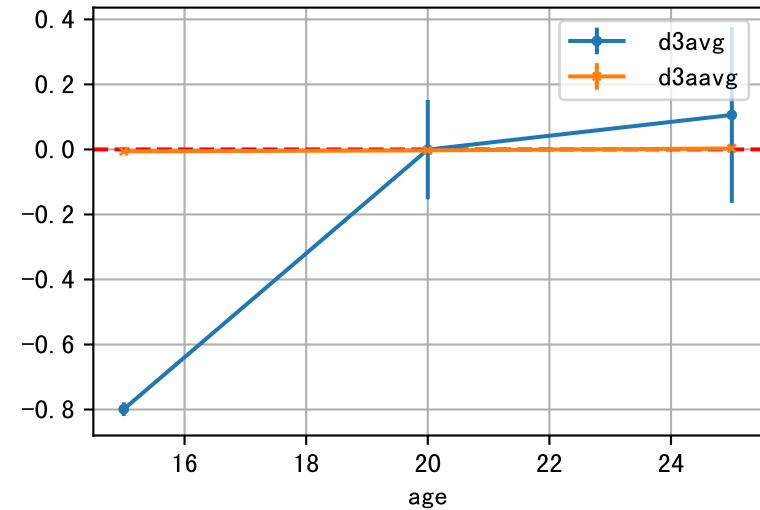
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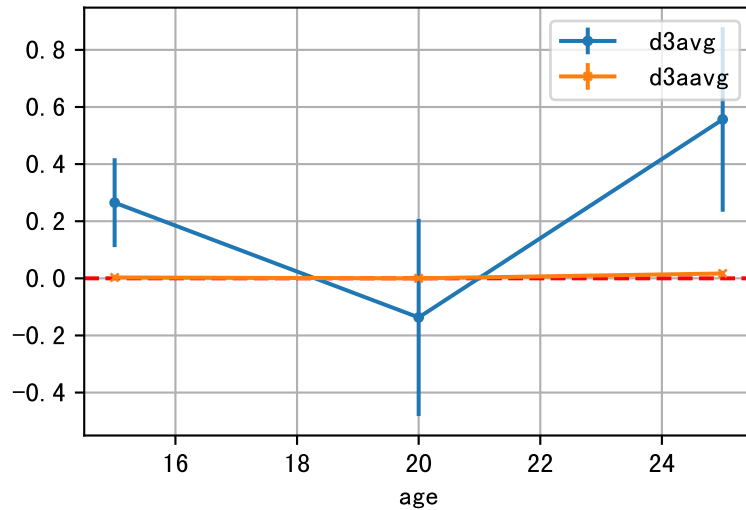
P10AW FrV: D_Ts_FrV



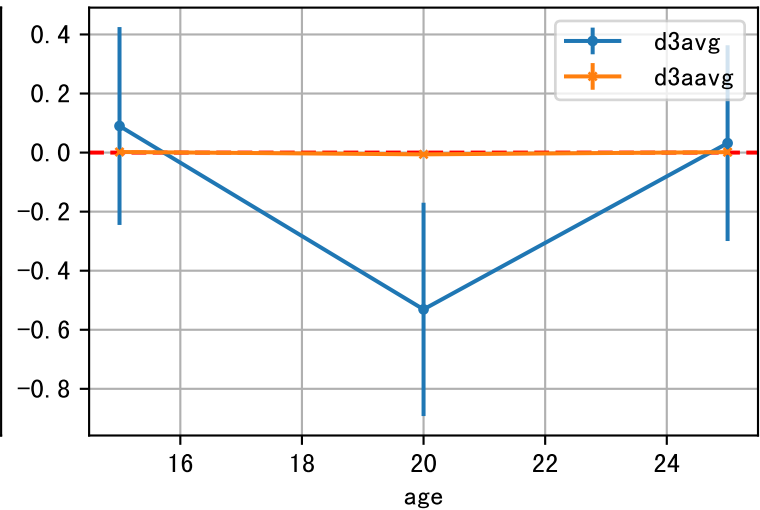
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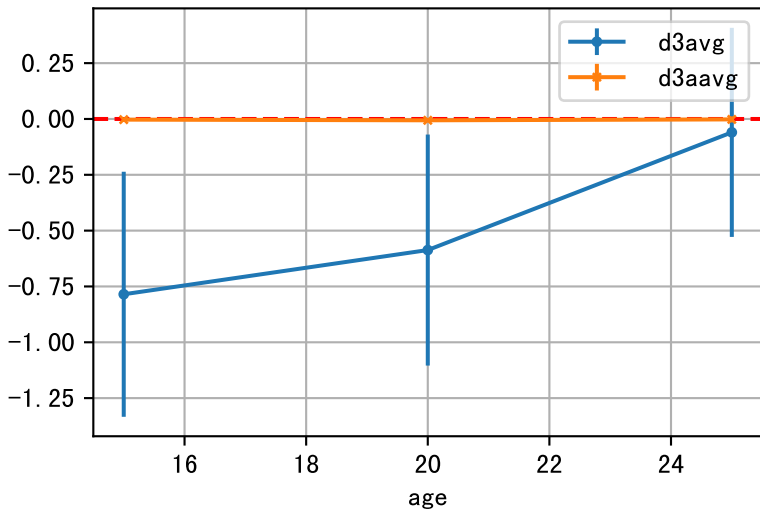
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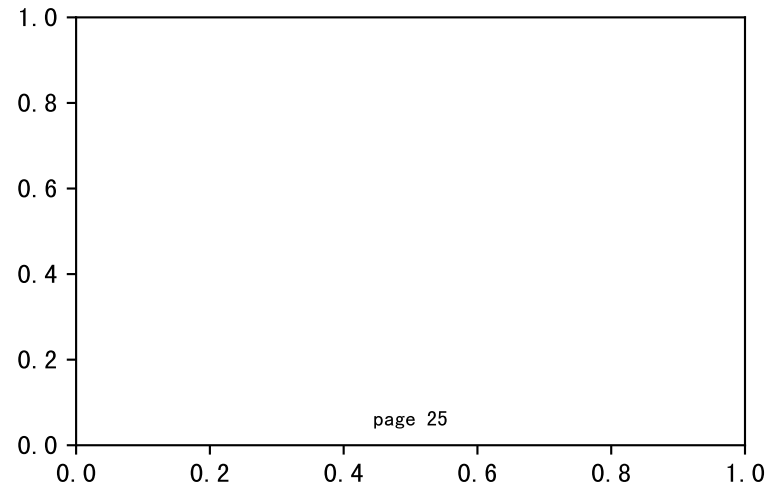
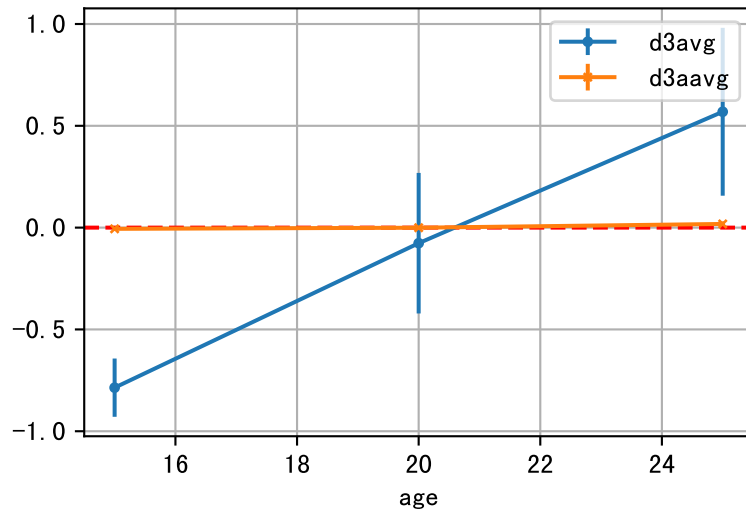
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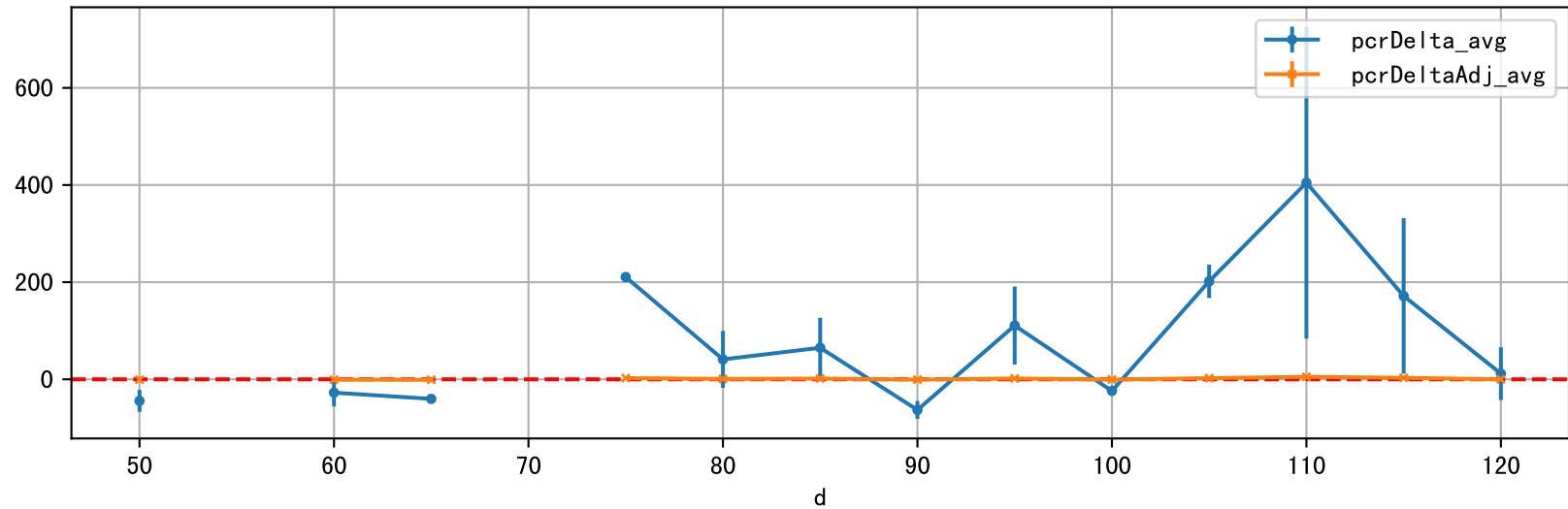
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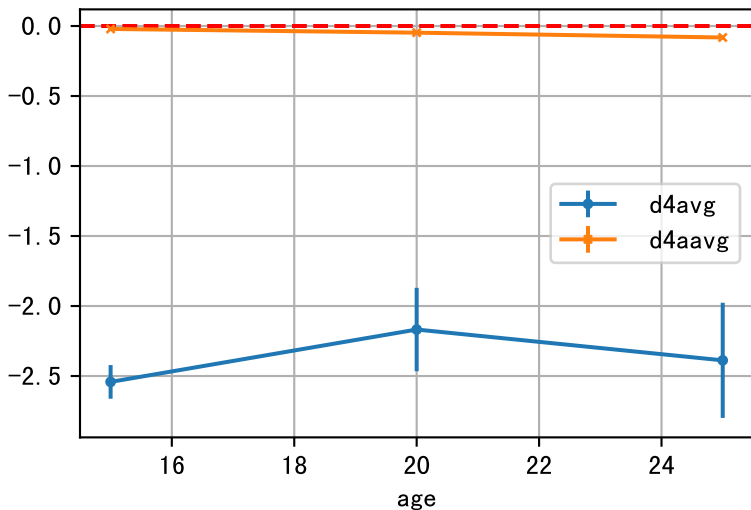
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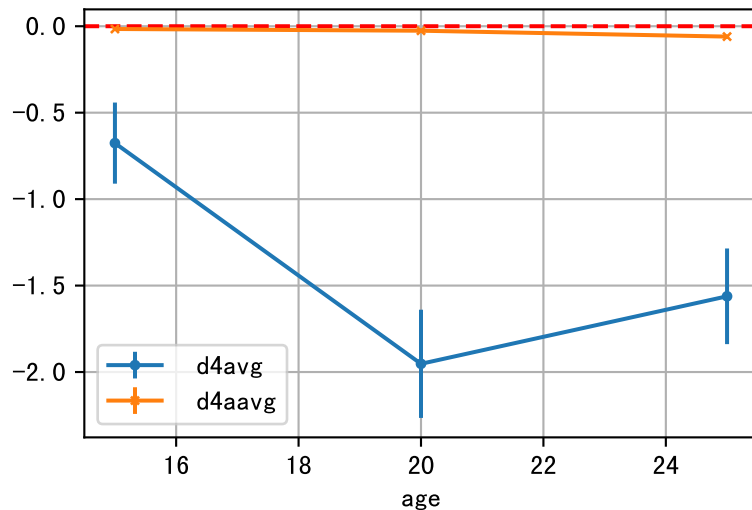
P10AW FrV: D_Q50_FrV



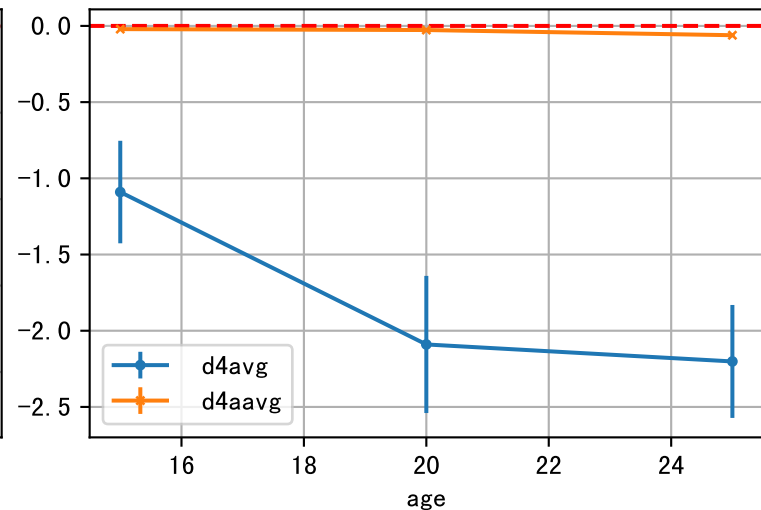
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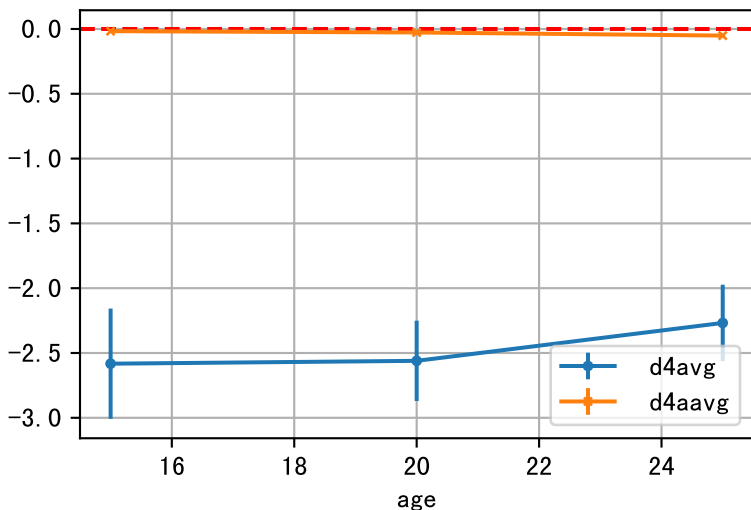
organID=2



organID=3



organID=4



organID=5

