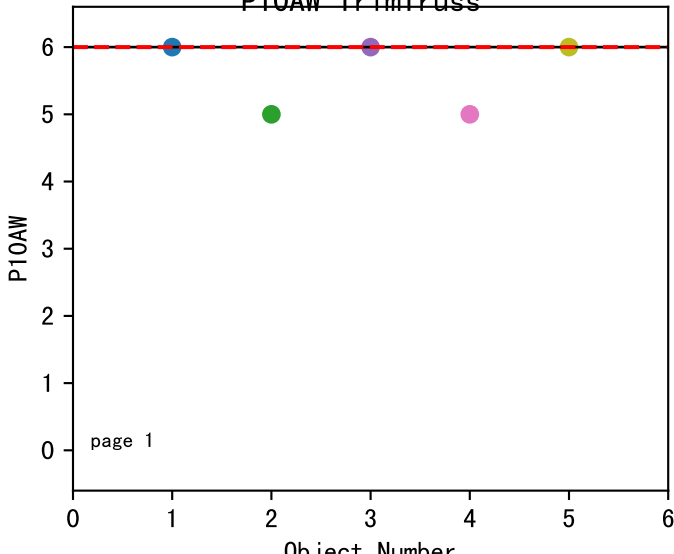


Phenotype Data Analysis Plots
PhenoData day range = 18 - 144
Analysis cutoff day = 144
NC11 P10
2026-03-12 (Day 145)

avg1=0.09% avg2=na
P10AW TrimTruss

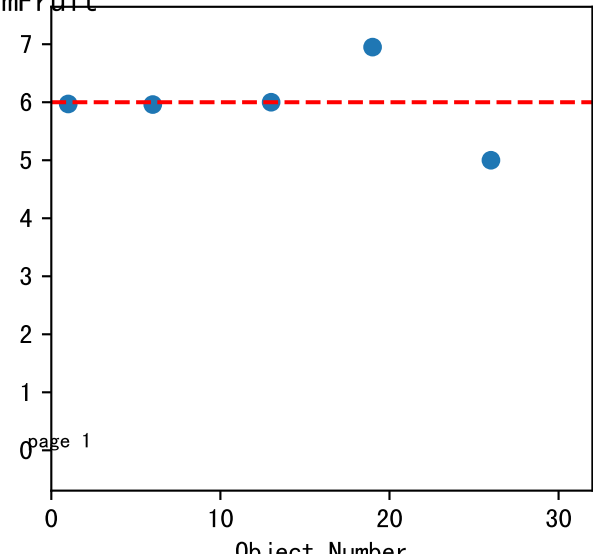
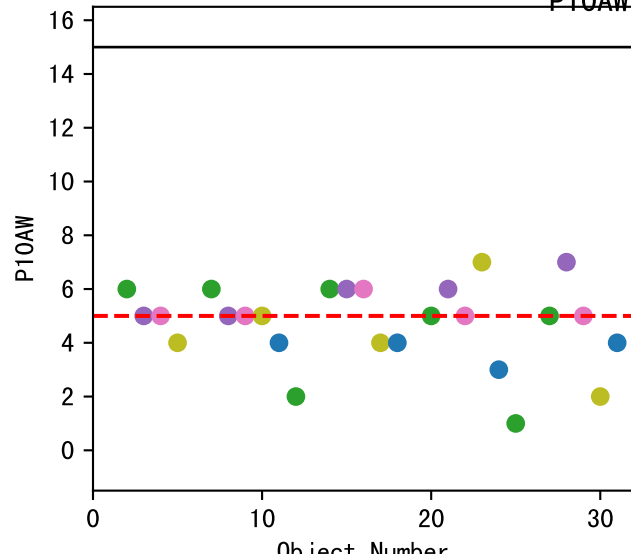


page 1

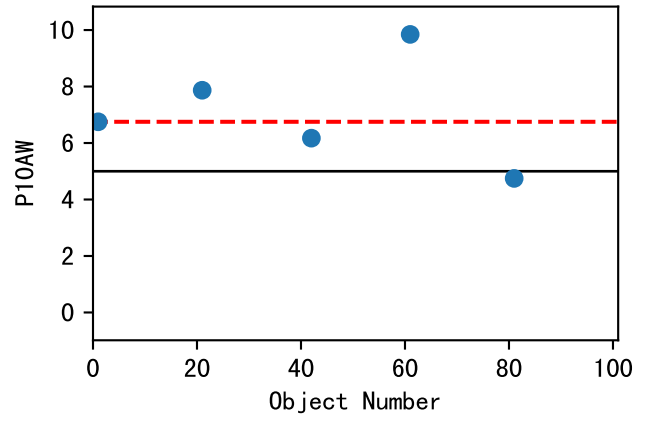
avg1=5.0 30% avg2=na

P10AW TrimFruit

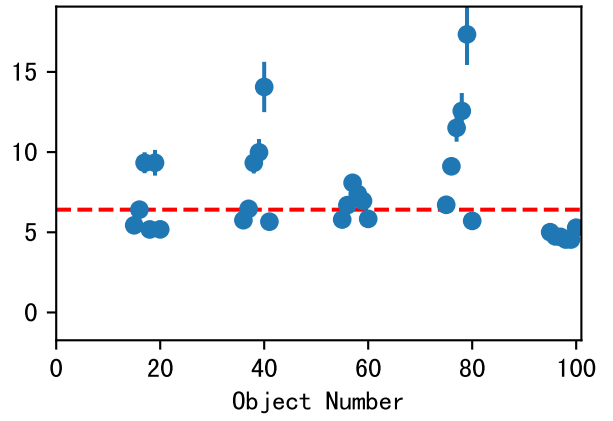
avg1=6.0 0% avg2=na



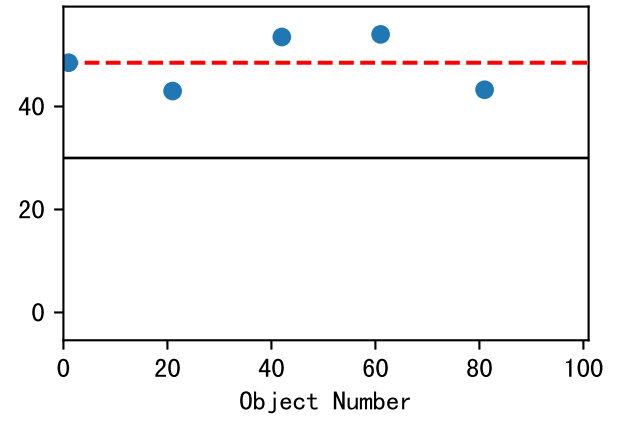
NGL_Q90AbsY (Def=5 Set=6.75)
avg1=6.75~28% avg2=na



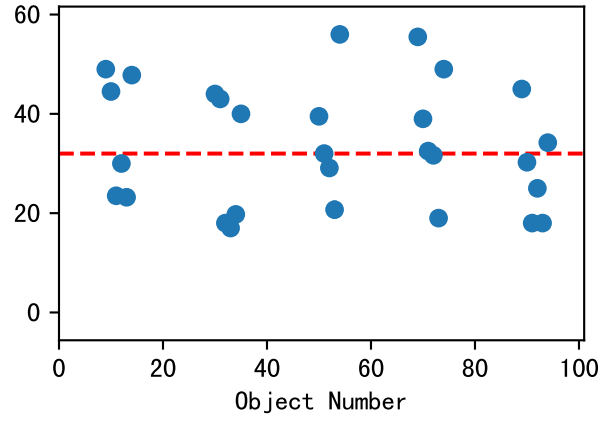
NGL_avgAbsY (Def=na Set=0.41)
avg1=0.41~30% avg2=na



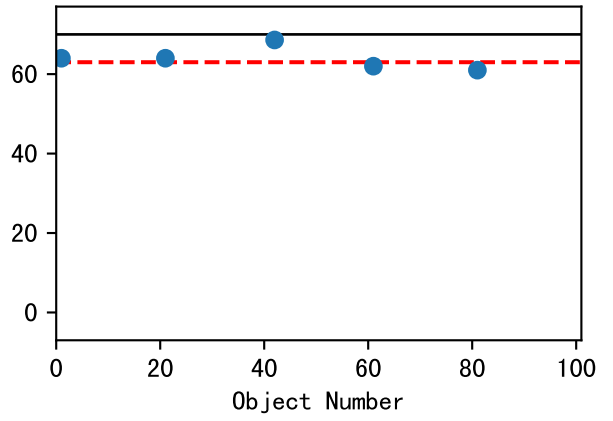
LTW_Q90AbsY (Def=30 Set=48.5)
avg1=48.5~11% avg2=na



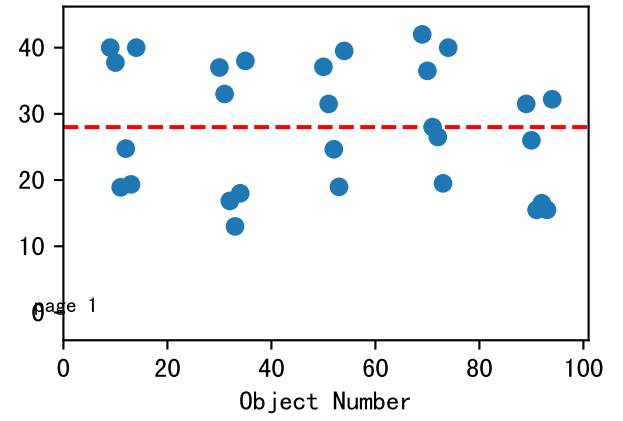
LfW_avgAbsY (Def=na Set=32.0)
avg1=32.0~38% avg2=na



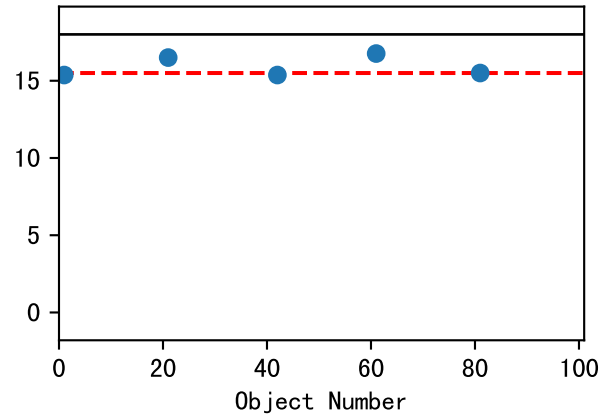
FrD_Q90AbsY (Def=70 Set=63.0)
avg1=63.0~2% avg2=na



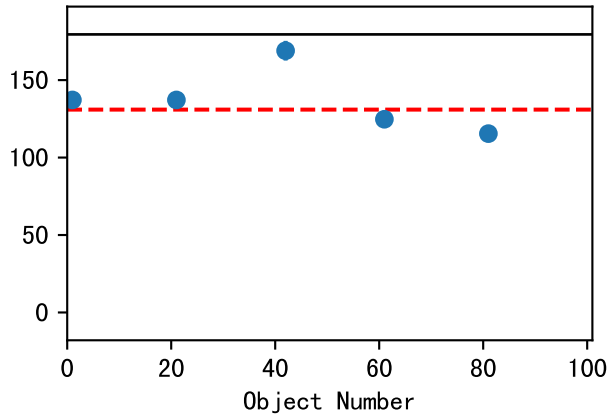
LfL_avgAbsY (Def=na Set=28.0)
avg1=28.0~34% avg2=na



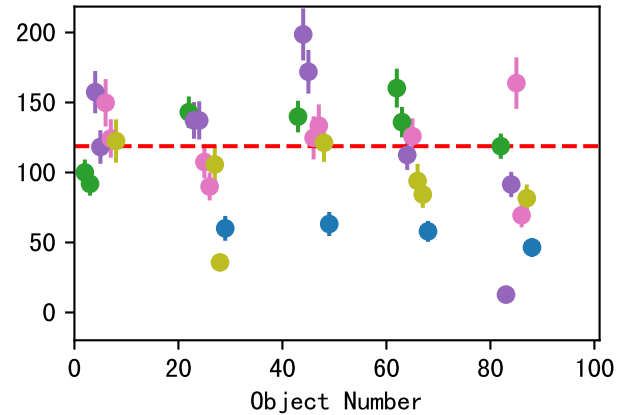
NdD_Q90AbsY (Def=18 Set=15.5)
avg1=15.5~4% avg2=na



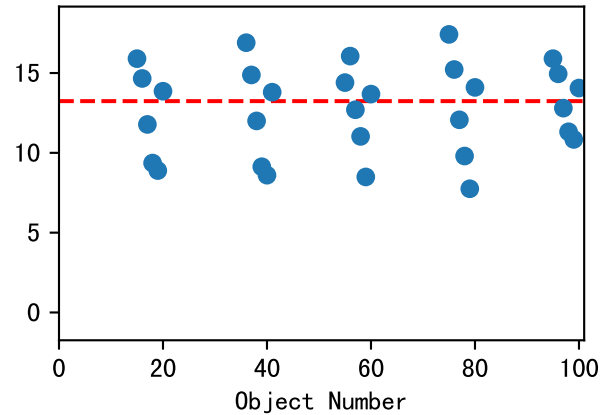
FRV_Q90AbsY (Def=179.5 Set=179.5)
avg1=179.5~0% avg2=na



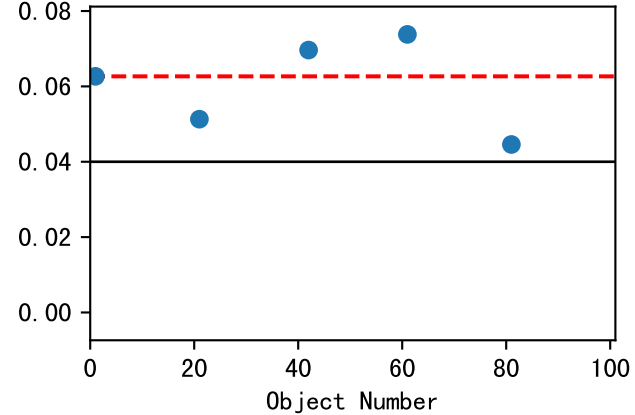
FRV_avgAbsY (Def=na Set=118.79)
avg1=118.79~32% avg2=na



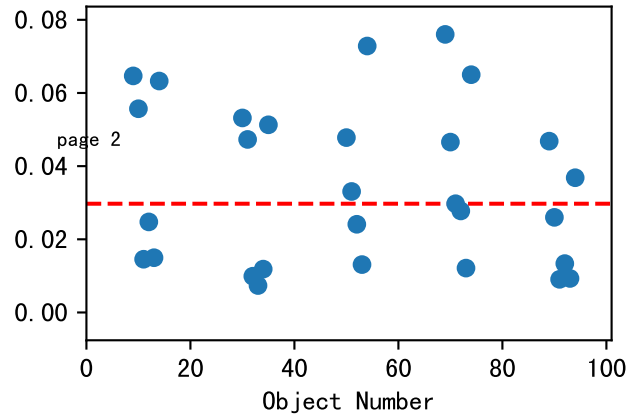
NdD_avgAbsY (Def=na Set=13.24)
avg1=13.24~21% avg2=na



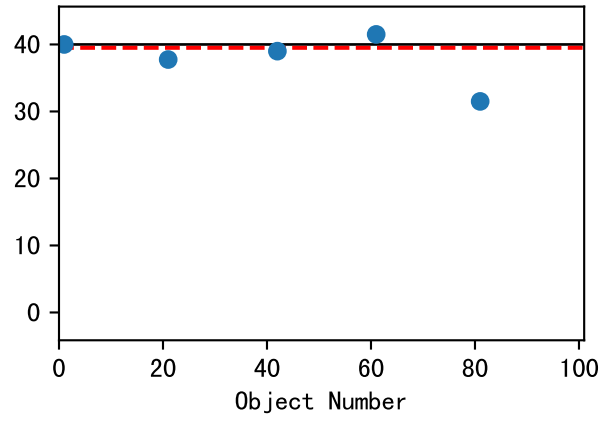
LfA_Q90AbsY (Def=0.04 Set=0.06)
avg1=0.06~20% avg2=na



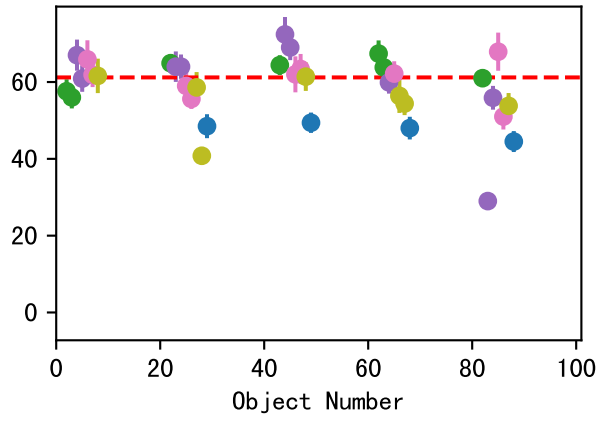
LfA_avgAbsY (Def=na Set=0.03)
avg1=0.03~73% avg2=na



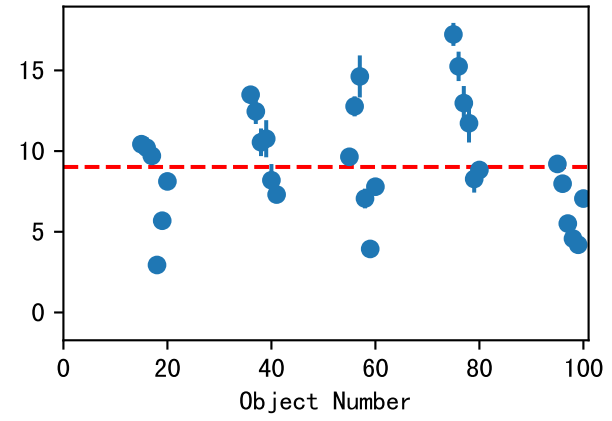
LFL_Q90AbsY (Def=40 Set=39.5)
avg1=39.5~4% avg2=na



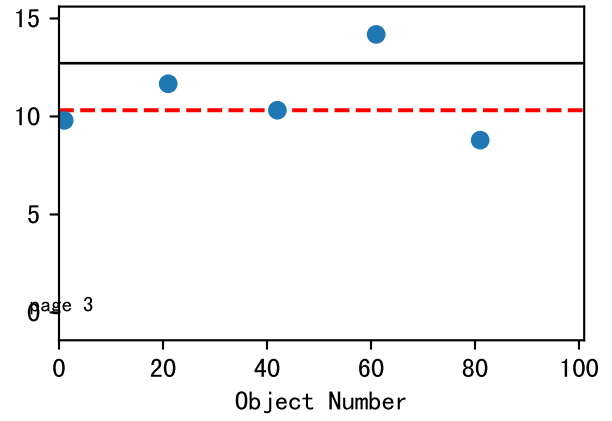
FRD_avgAbsY (Def=na Set=61.2)
avg1=61.2~14% avg2=na



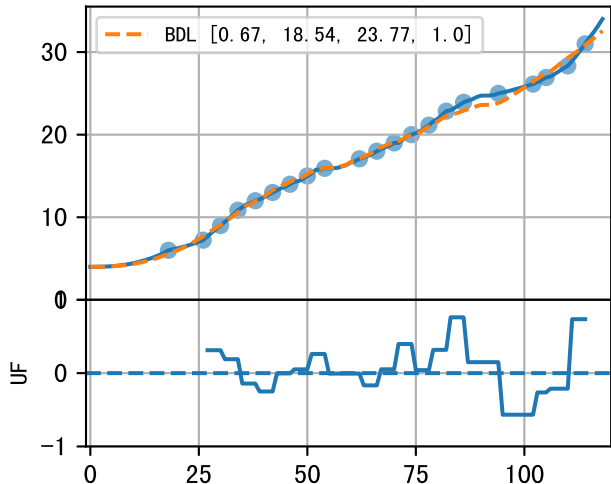
Ndv_avgAbsY (Def=na Set=9.02)
avg1=9.02~39% avg2=na



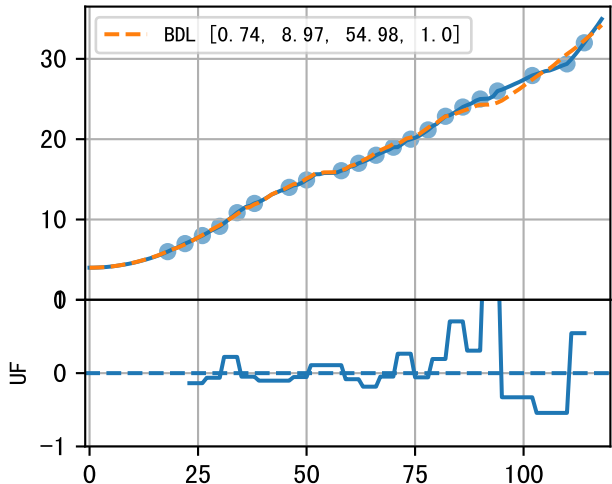
NdV_Q90AbsY (Def=12.72 Set=10.32)
avg1=10.32~20% avg2=na



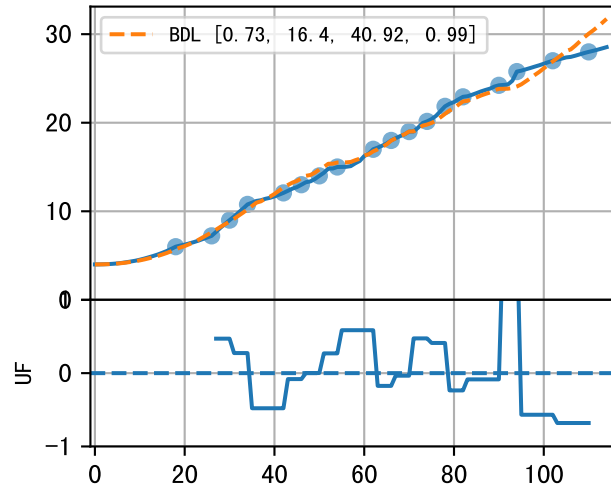
P10AW-004-12 (fit failed)



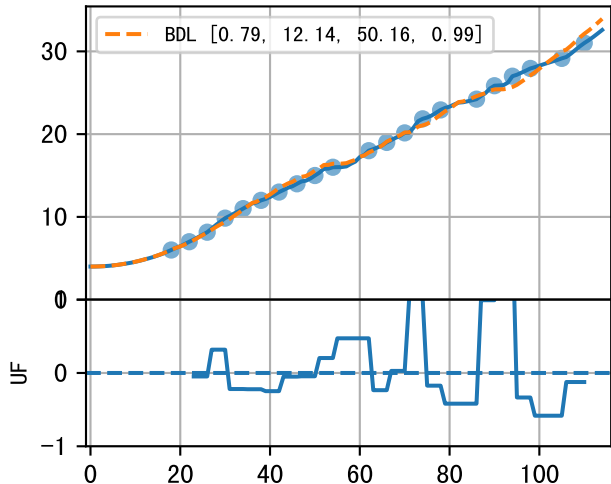
P10AW-010-25 (fit failed)



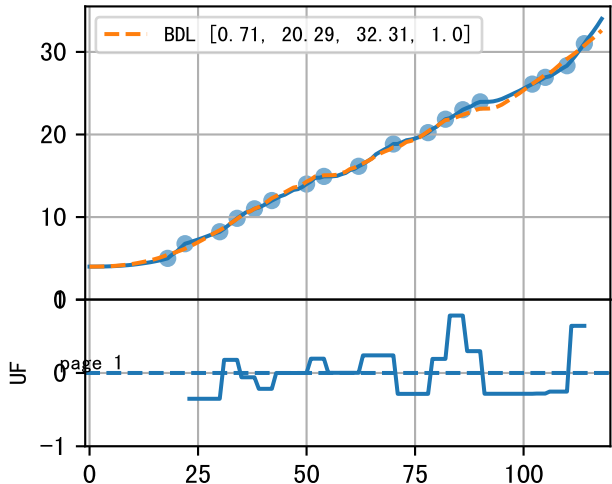
P10AW-017-16 (fit failed)



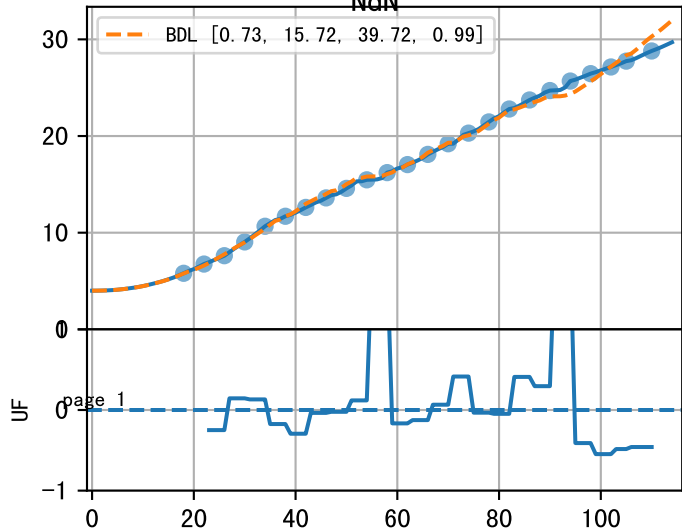
P10AW-025-3 (fit failed)

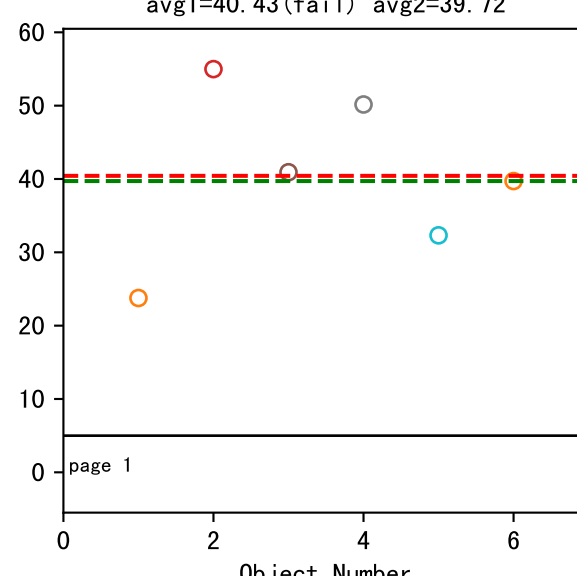
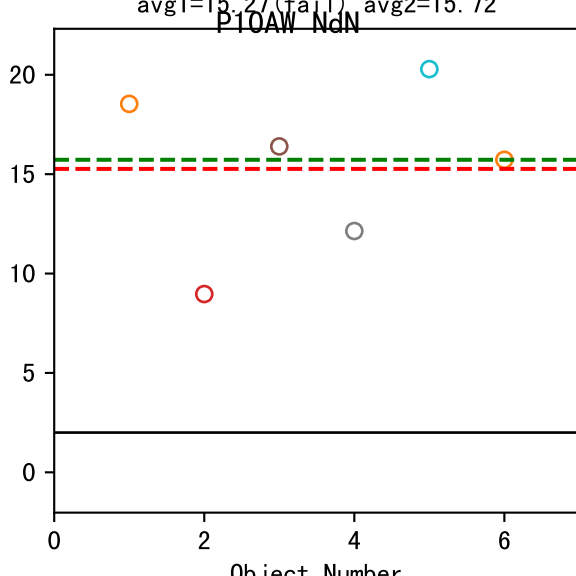
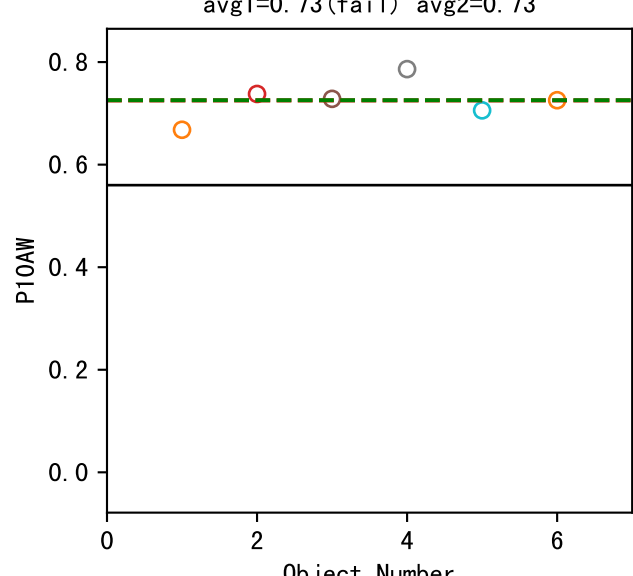


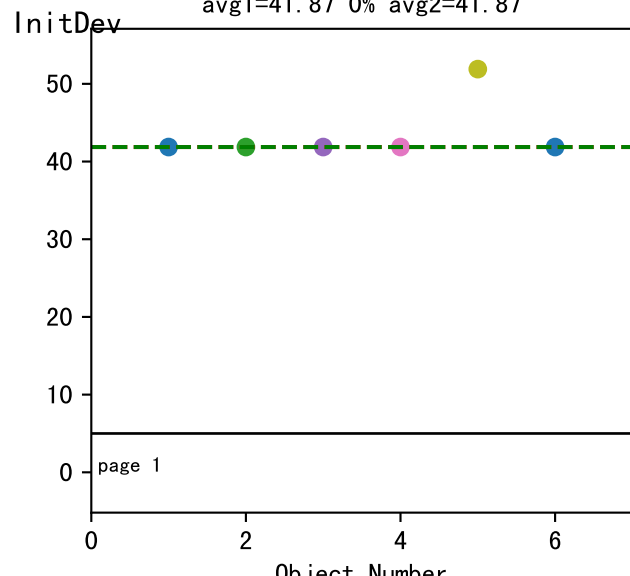
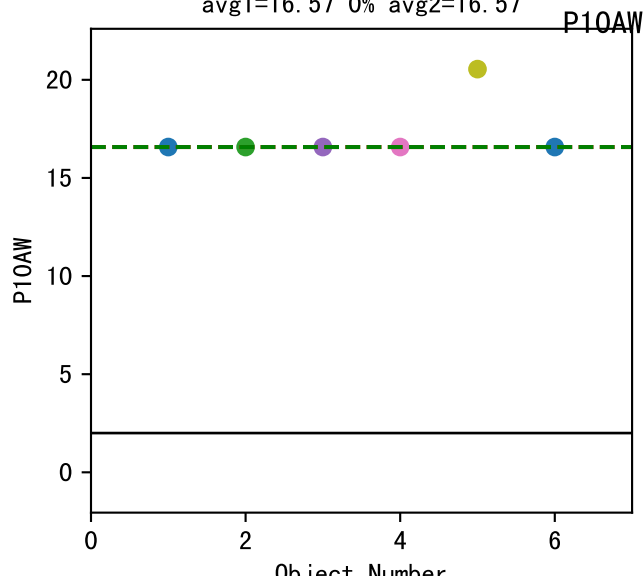
P10AW-032-33 (fit failed)



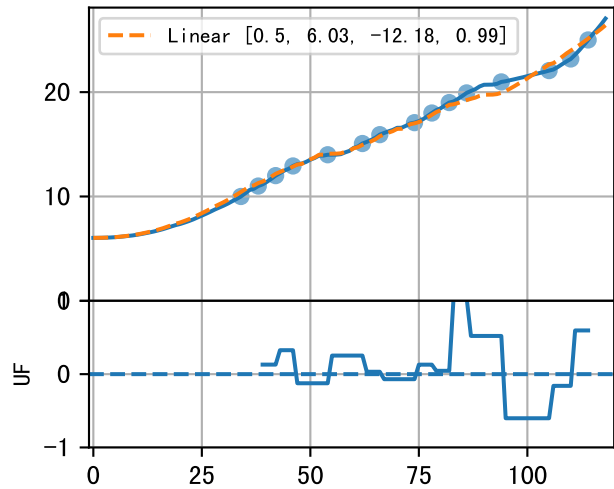
PIOWavg (left-tailed)
NdN



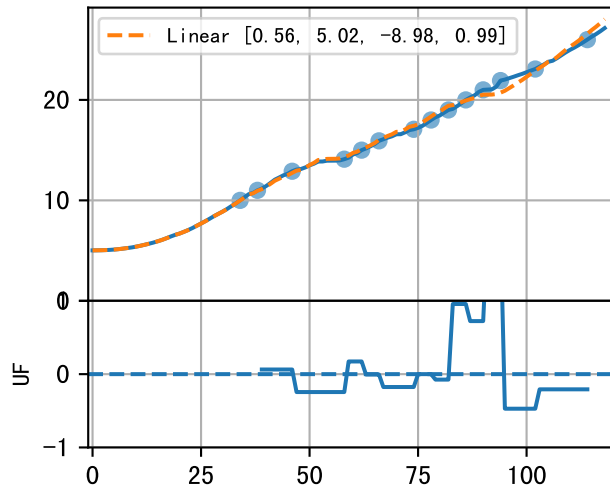




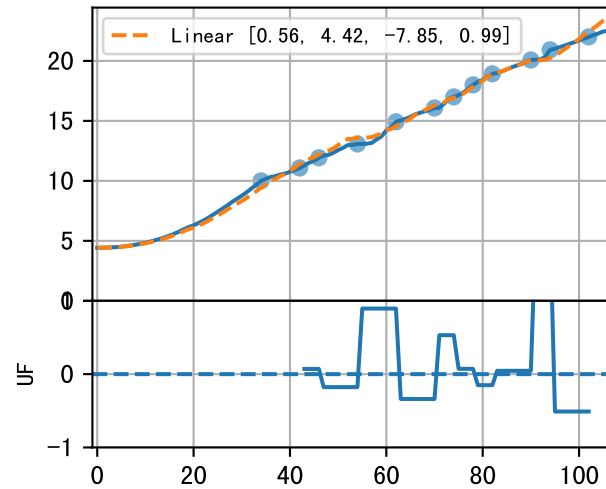
P10AW-004-12



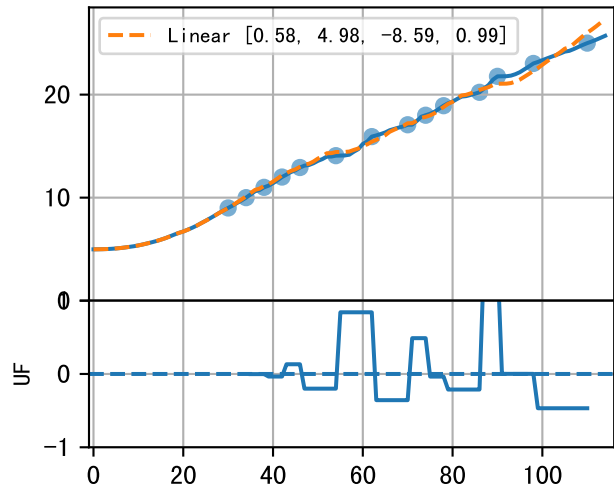
P10AW-010-25



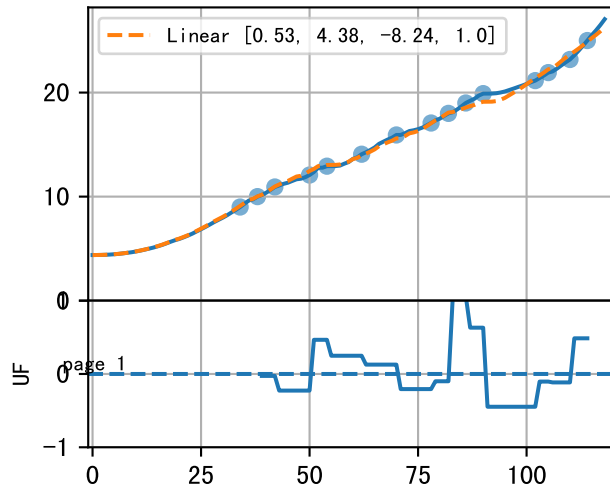
P10AW-017-16



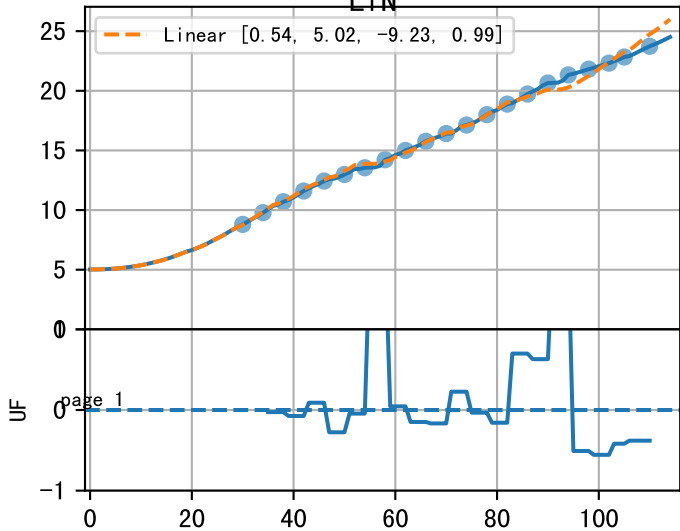
P10AW-025-3



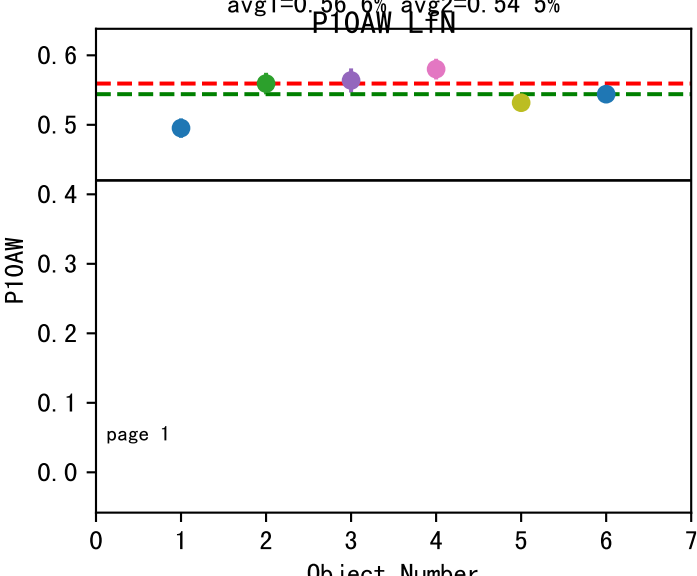
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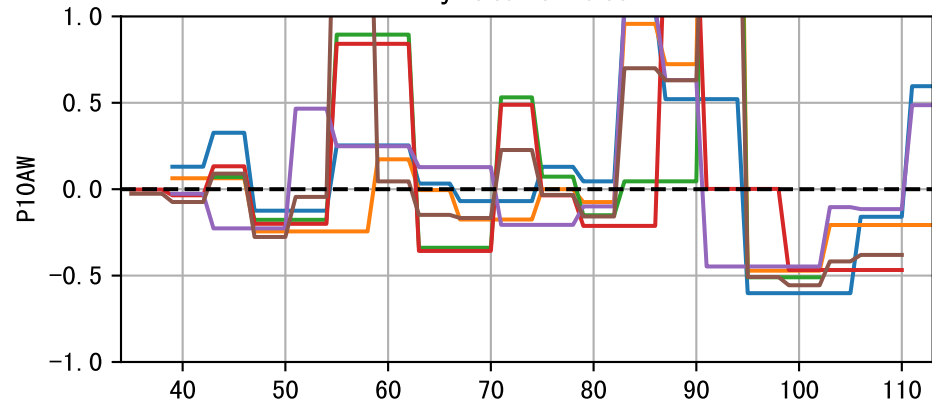
PTUavg
Lfn



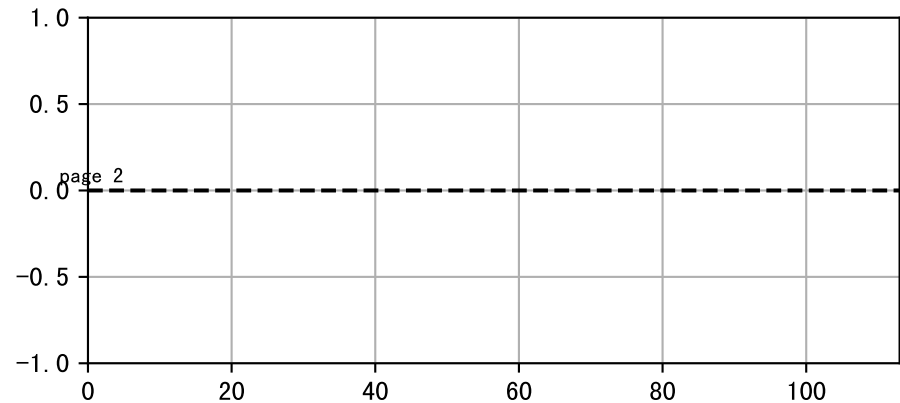
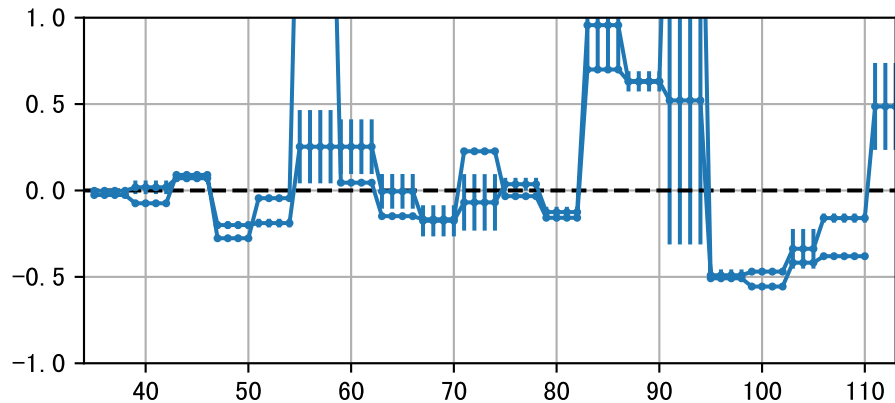
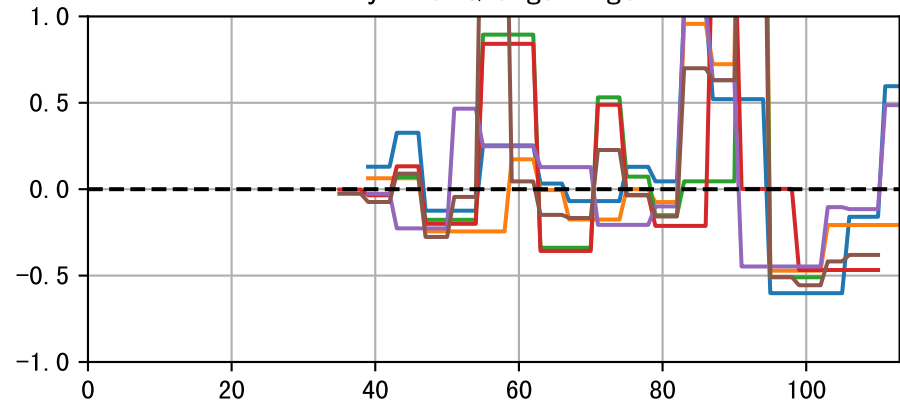
page 1



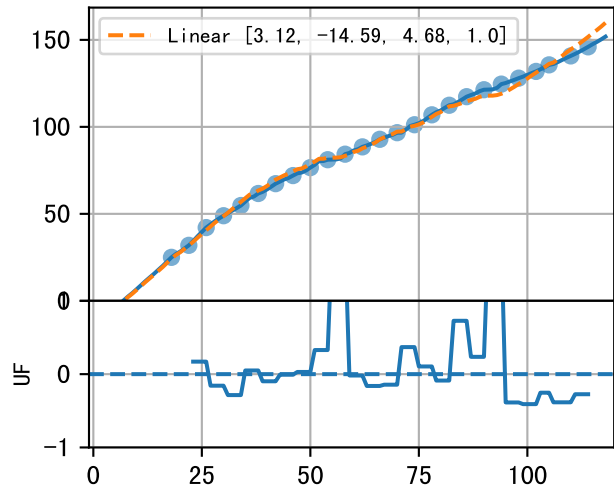
By Start Date



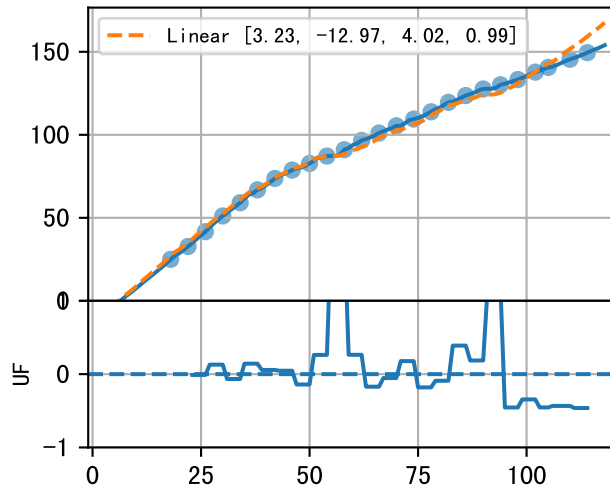
By Plant/Organ Age



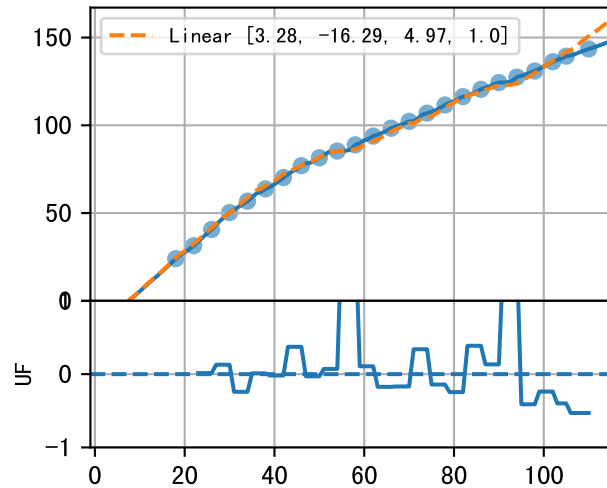
P10AW-004-12



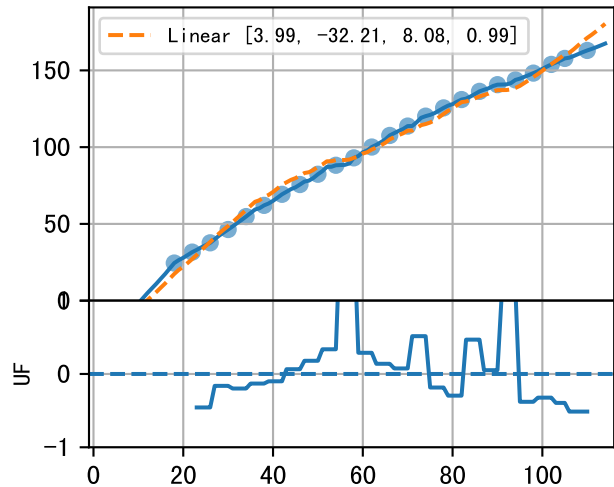
P10AW-010-25



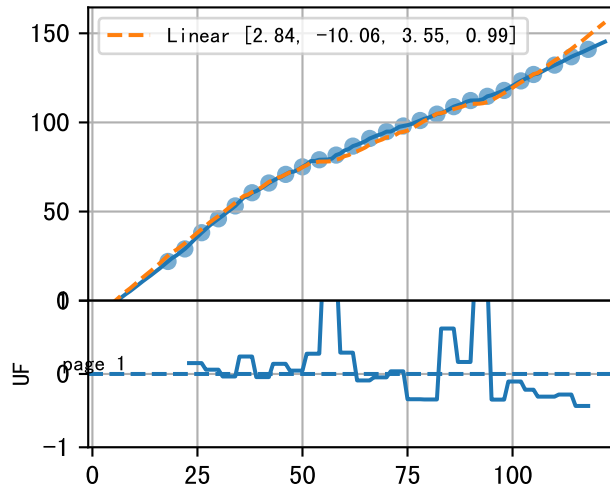
P10AW-017-16



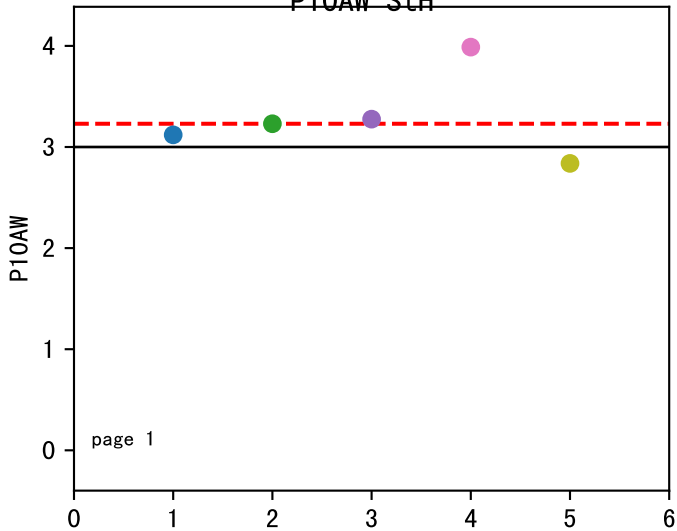
P10AW-025-3



P10AW-032-33

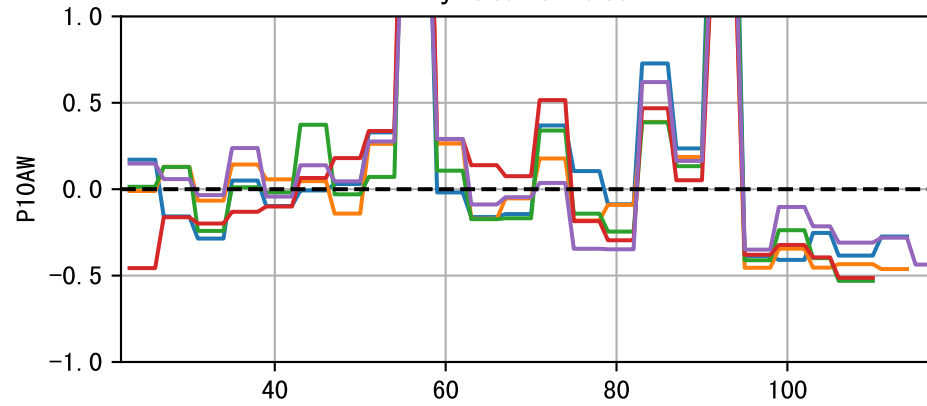


avg1=3.23, 2% avg2=na
P10AW StH

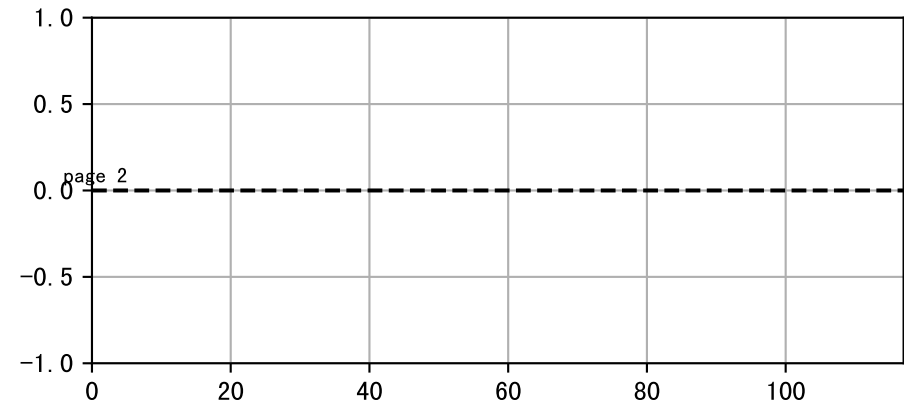
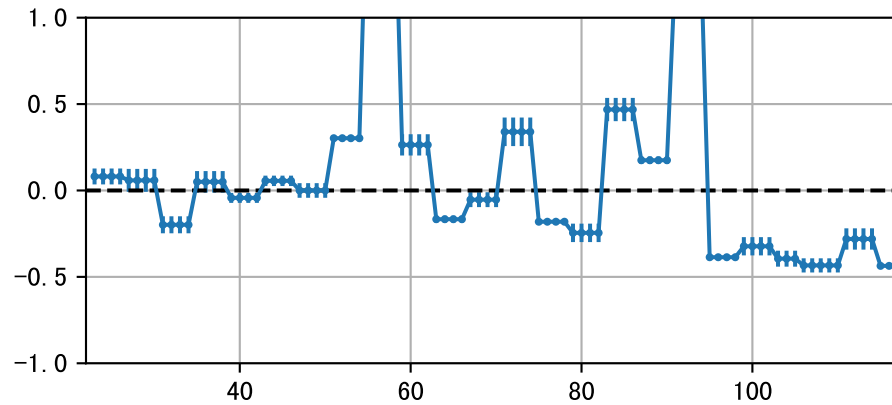
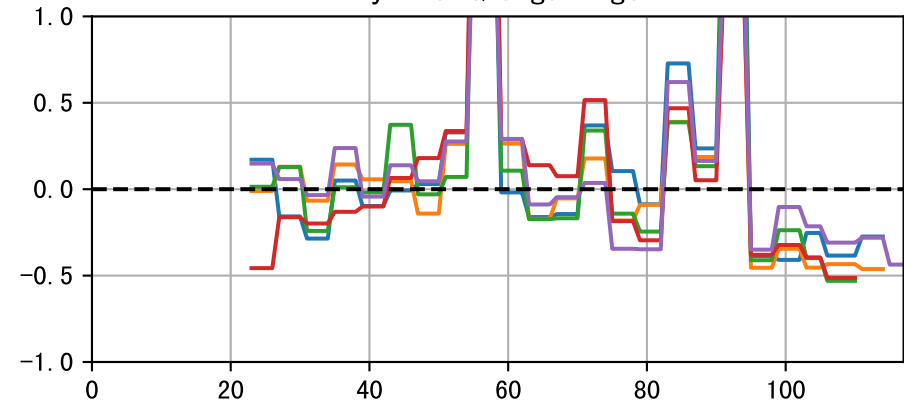


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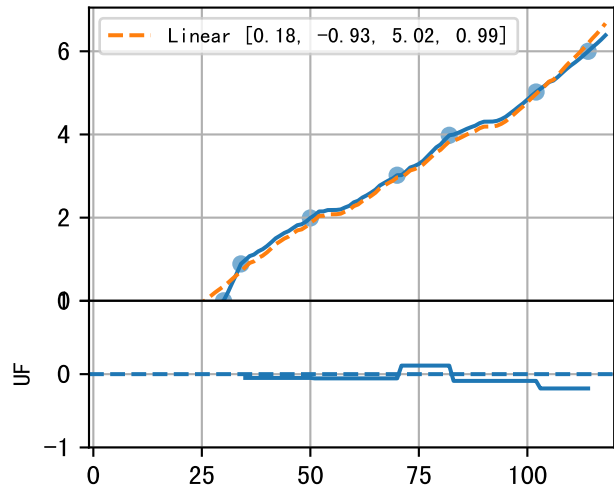
By Start Date



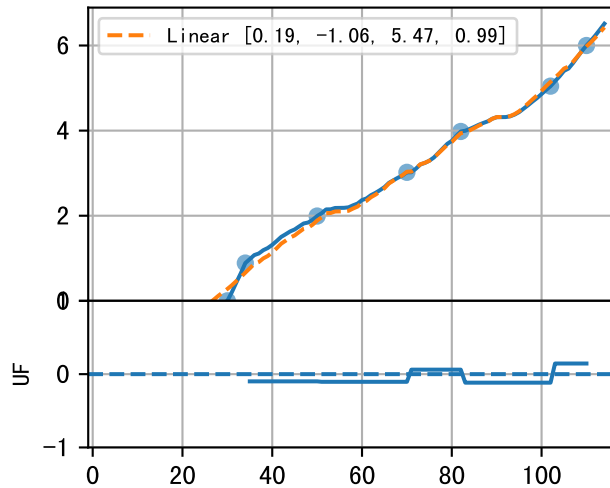
By Plant/Organ Age



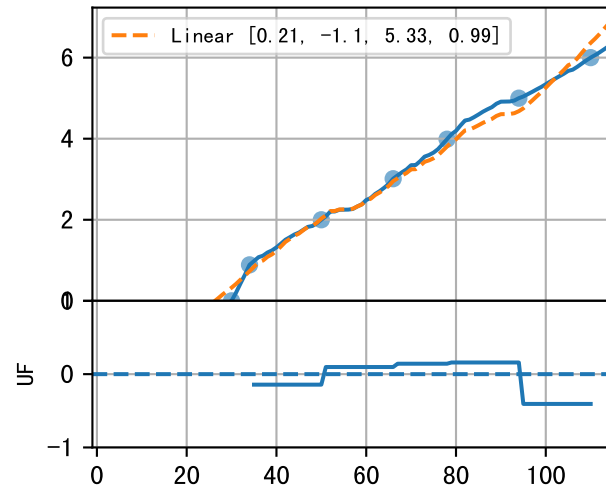
P10AW-004-12



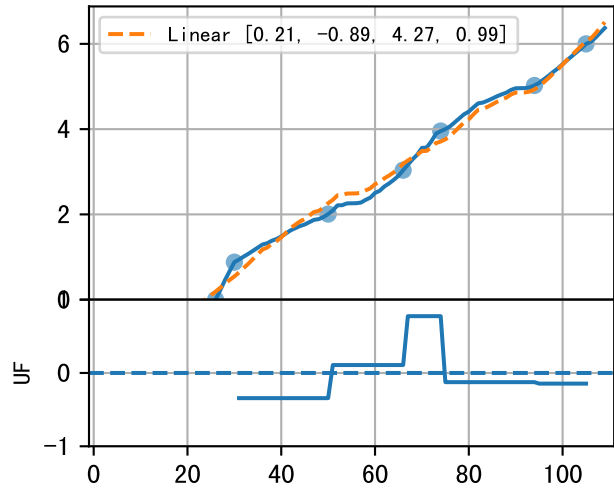
P10AW-010-25



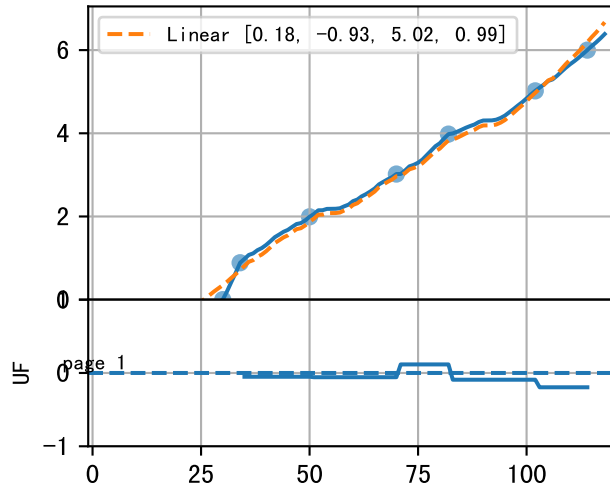
P10AW-017-16



P10AW-025-3



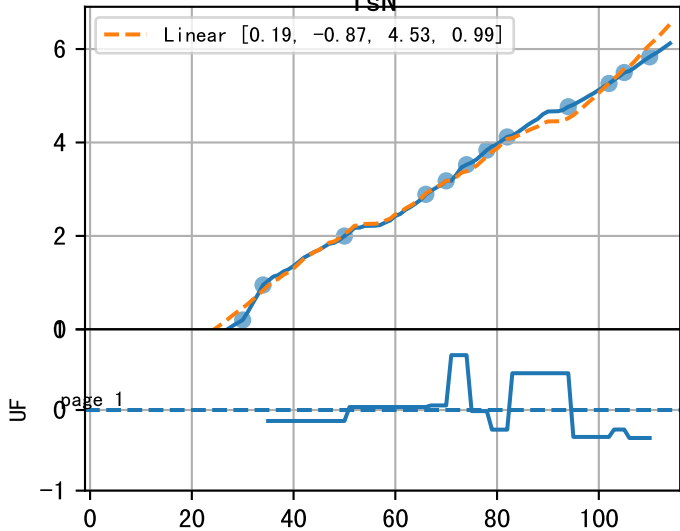
P10AW-032-33



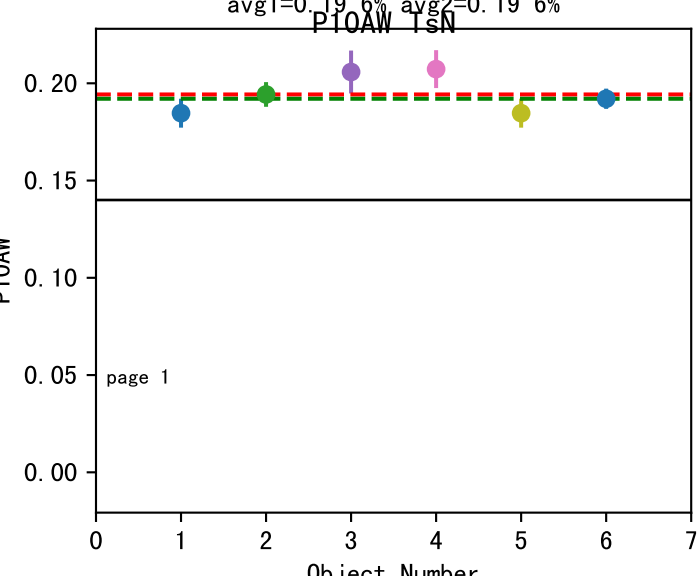
PTUavg

TsN

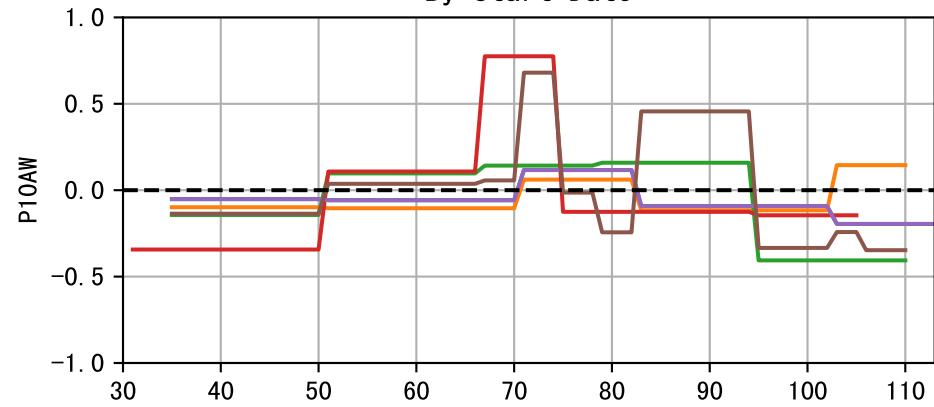
Linear [0.19, -0.87, 4.53, 0.99]



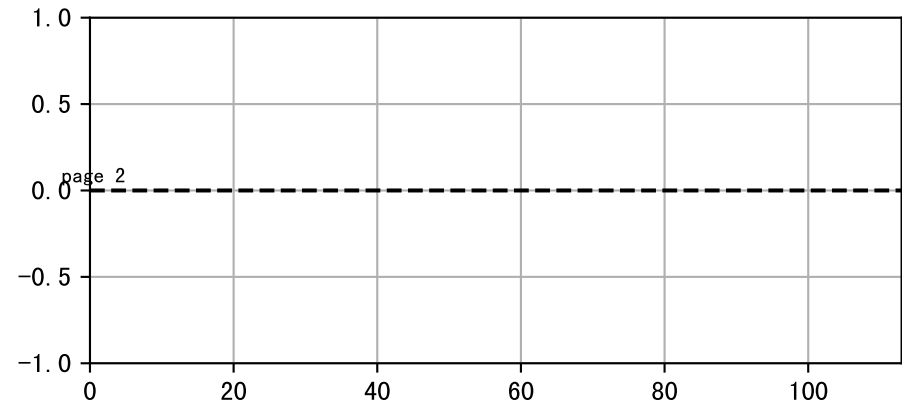
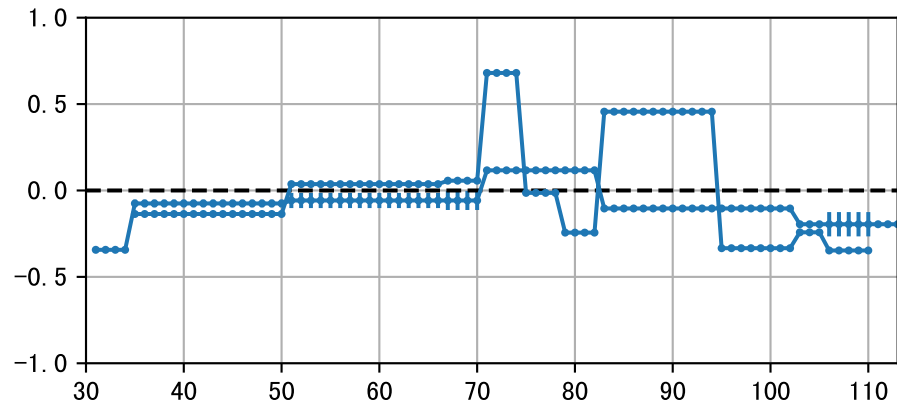
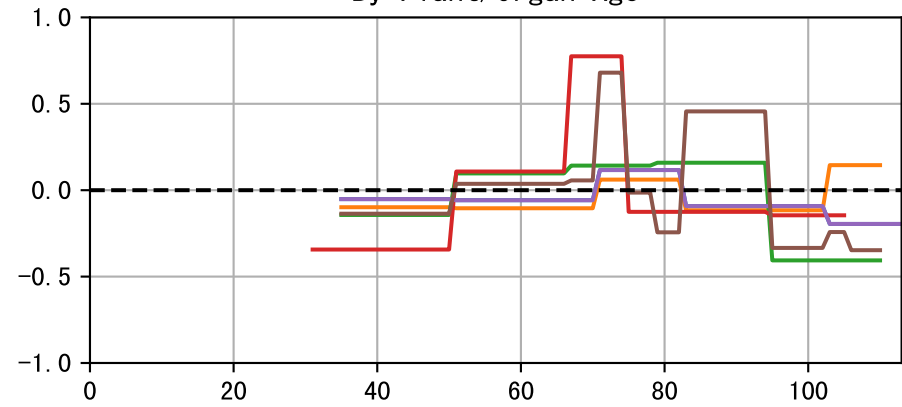
page 1

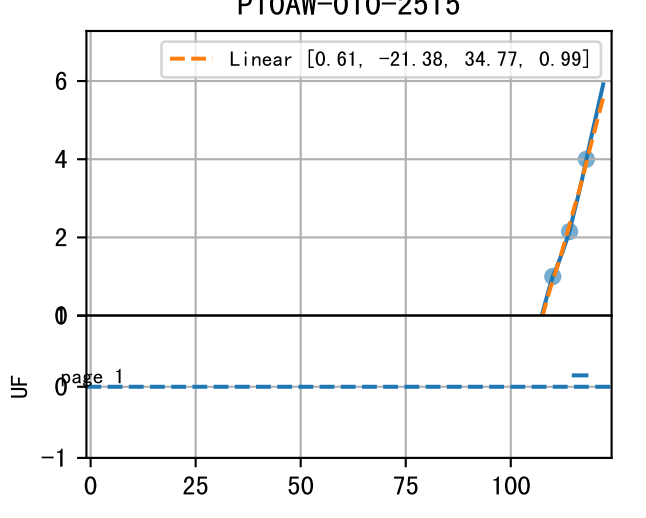
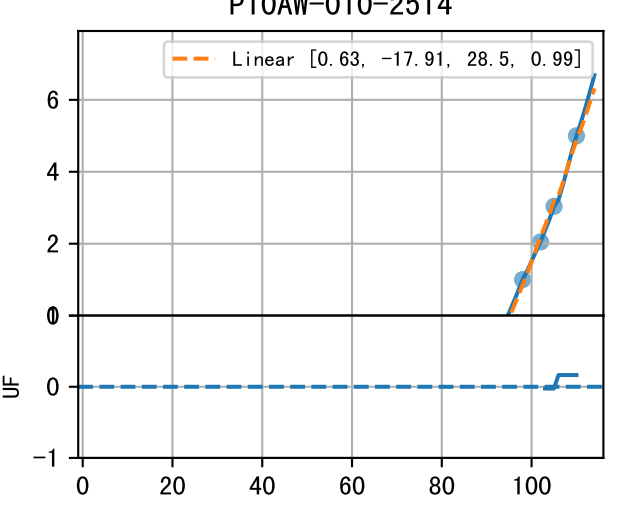
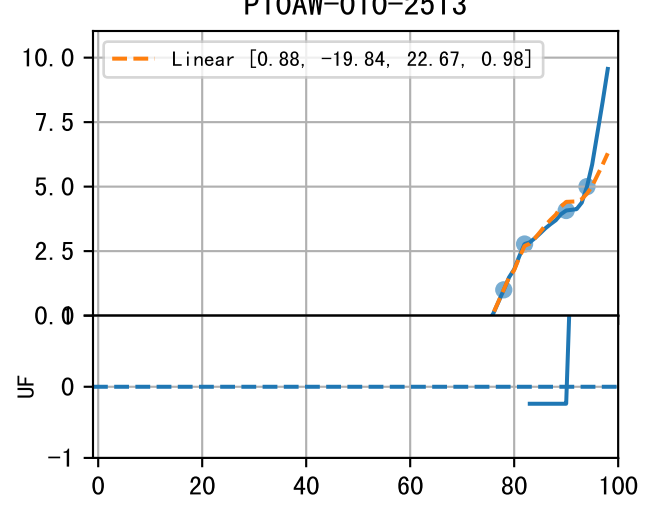
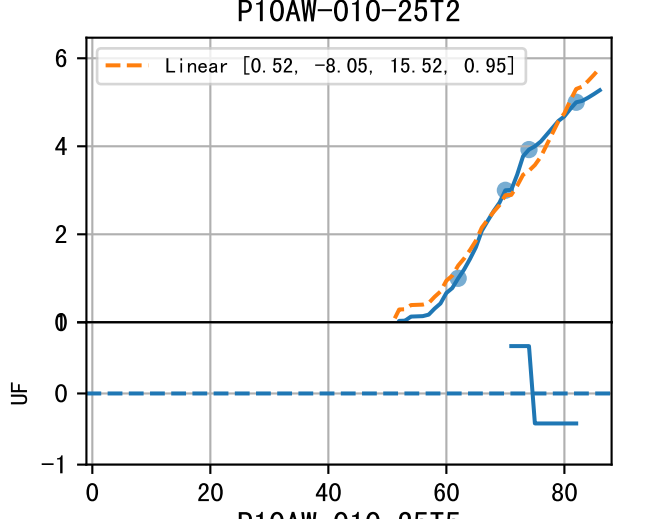
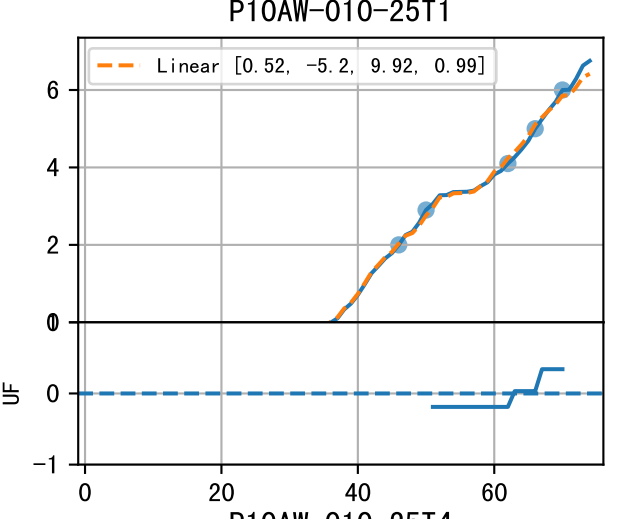
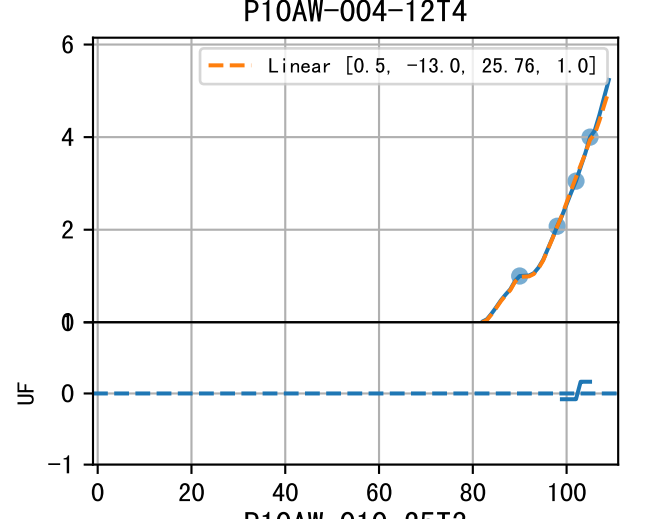
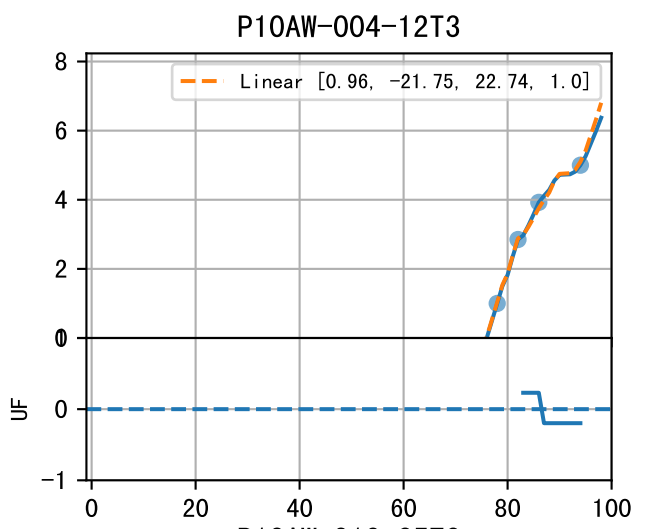
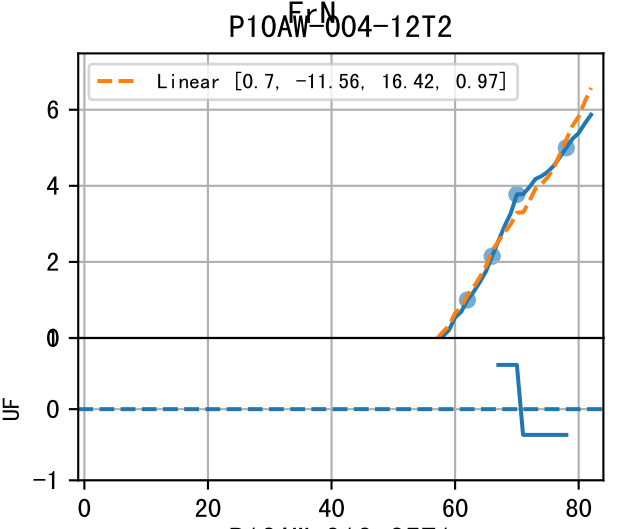
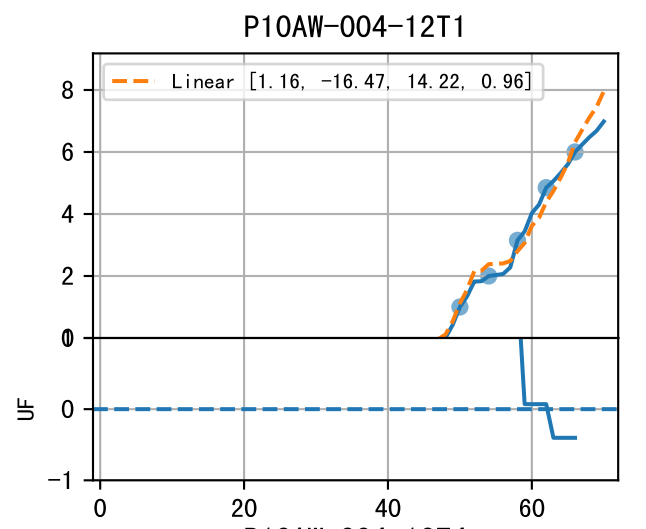


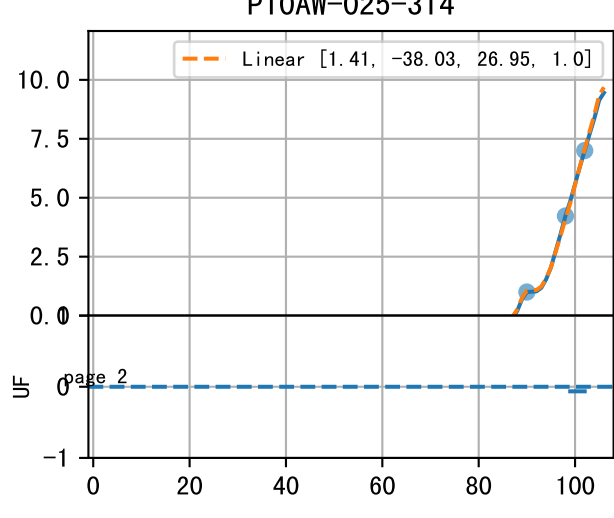
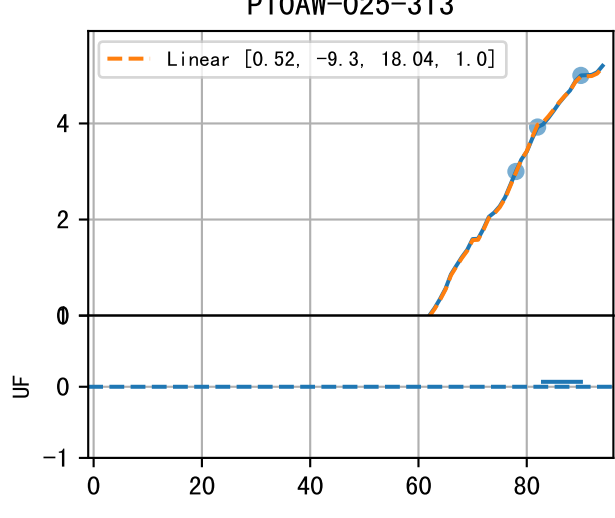
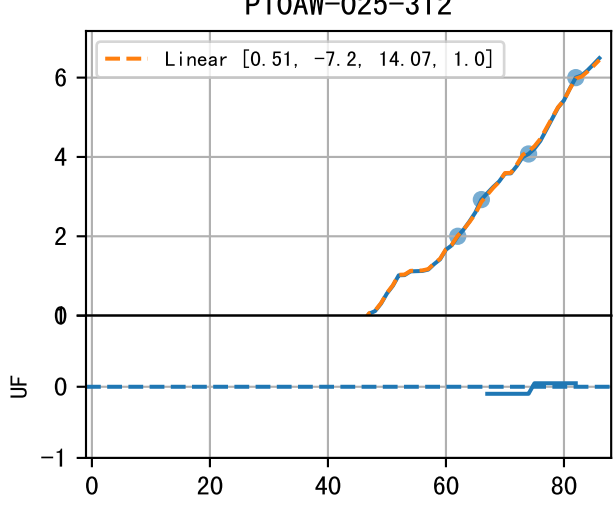
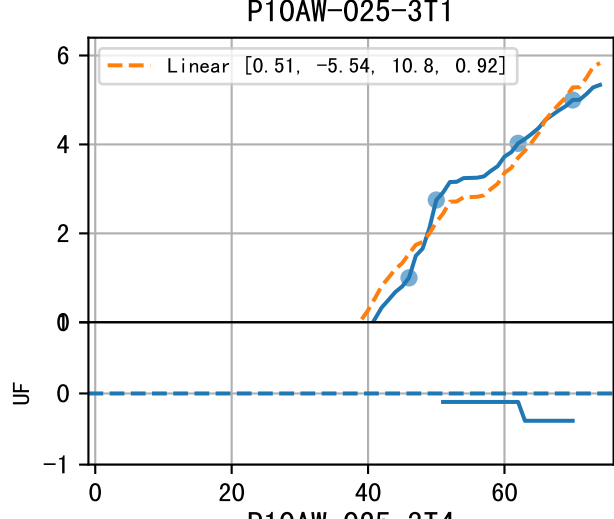
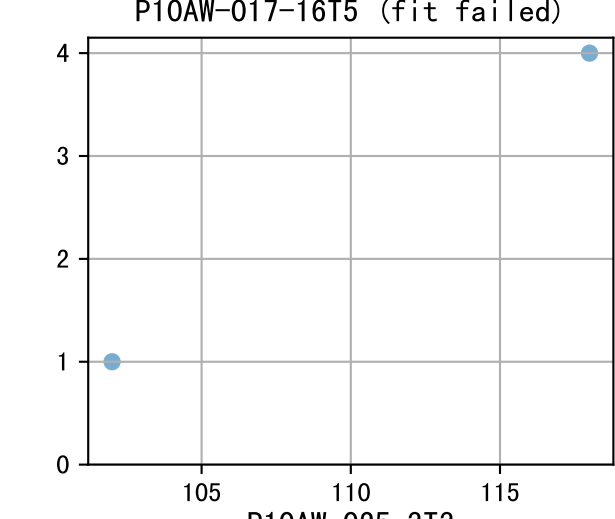
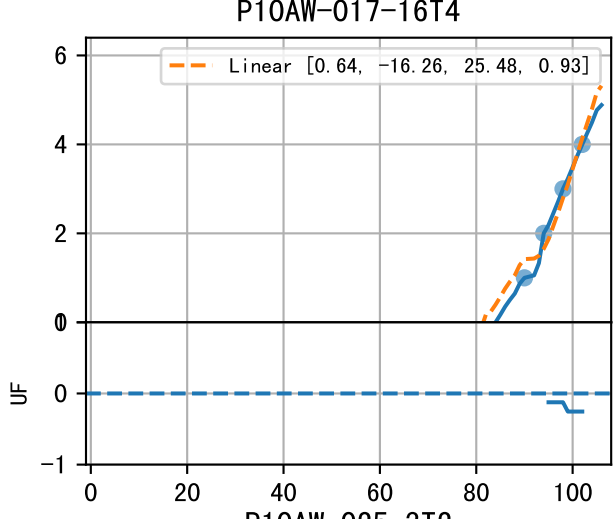
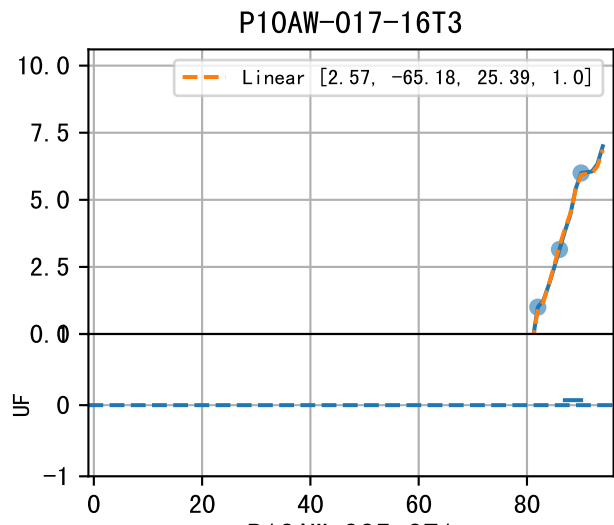
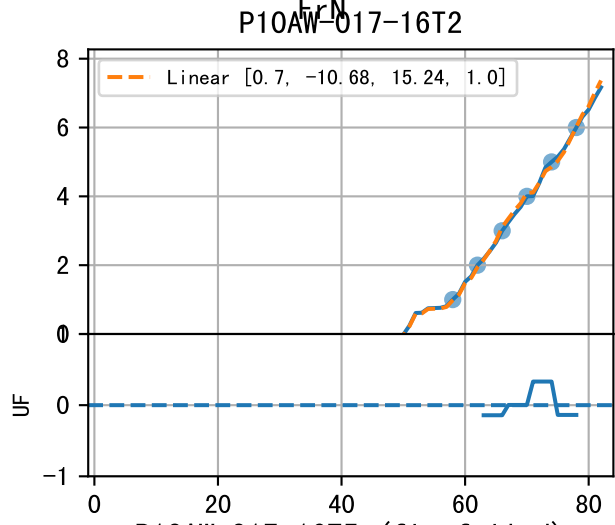
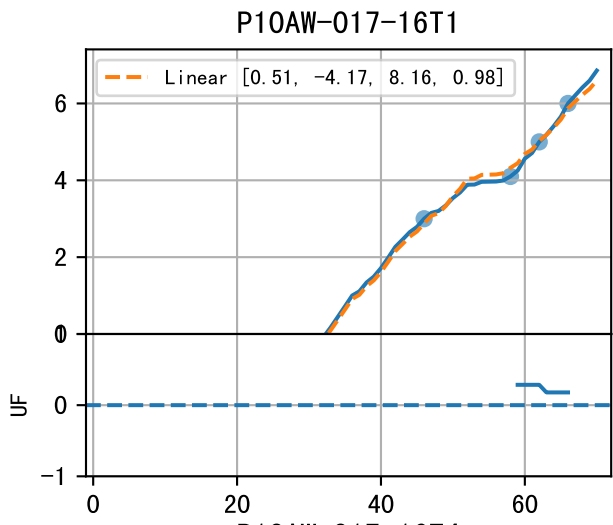
By Start Date



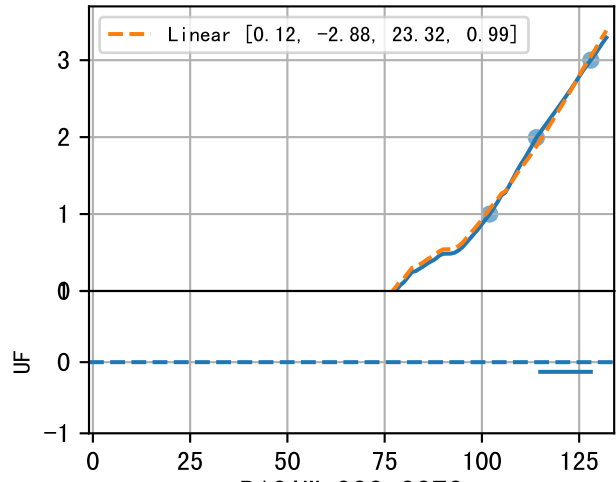
By Plant/Organ Age



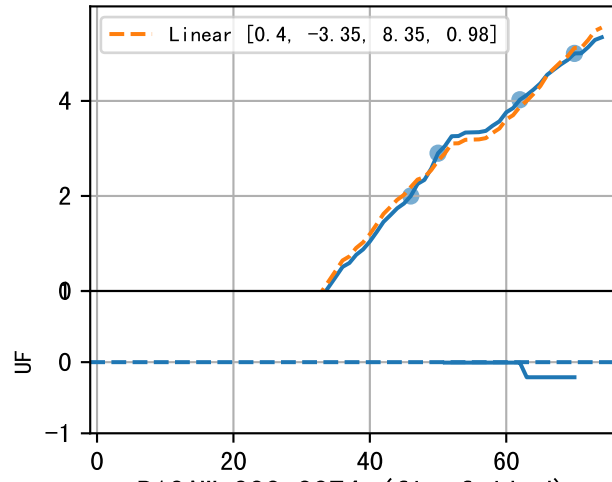




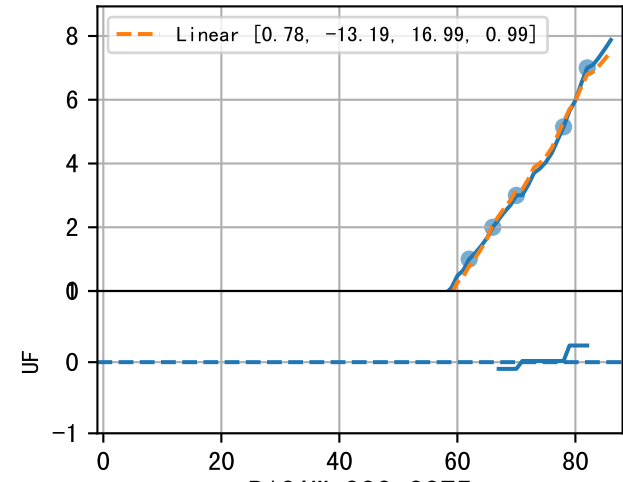
P10AW-025-3T5



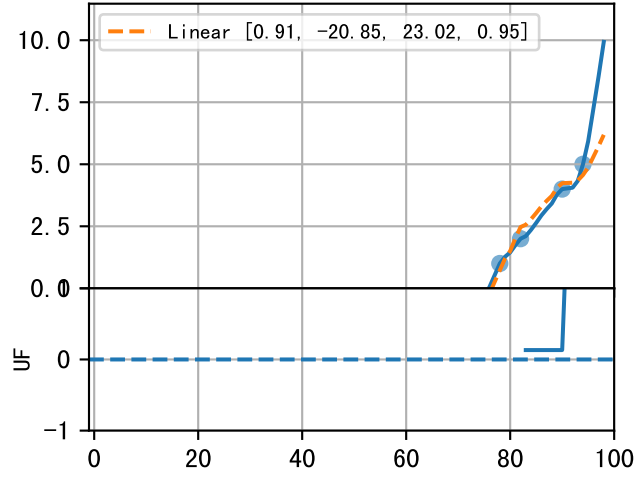
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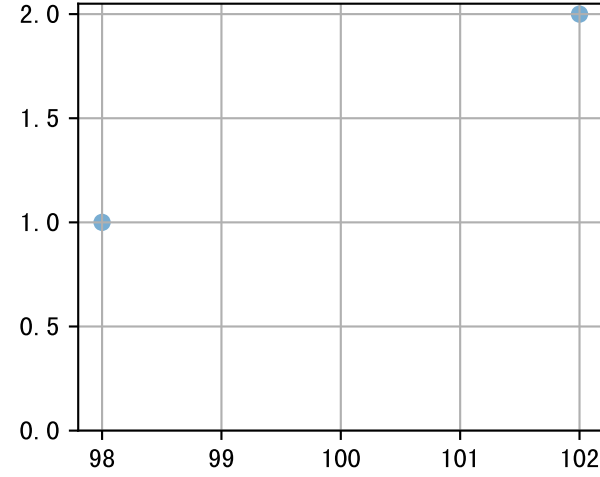
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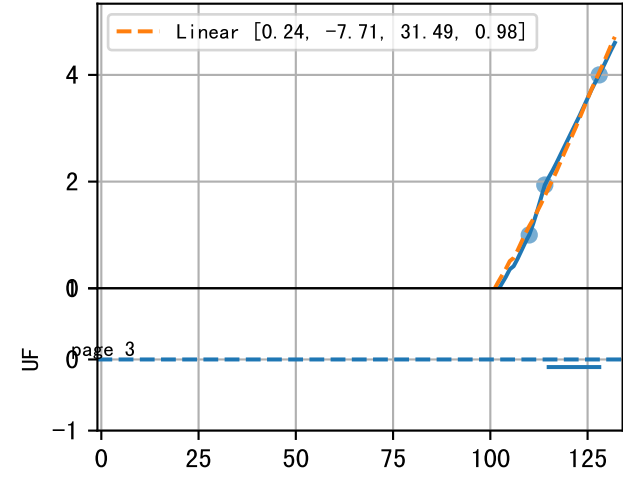
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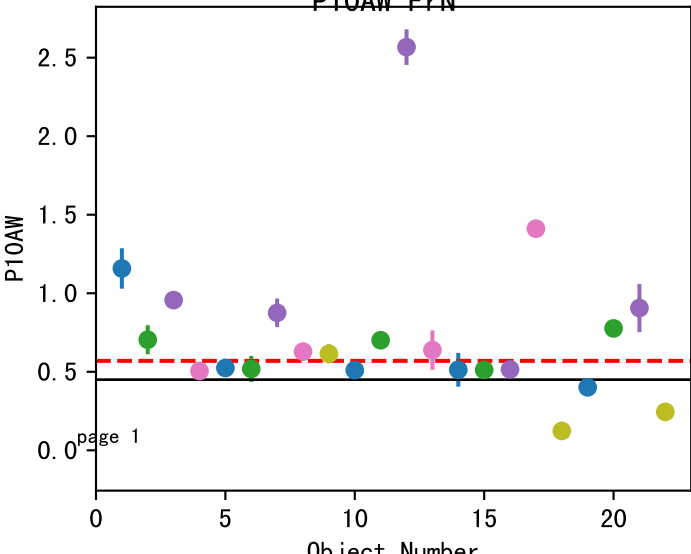
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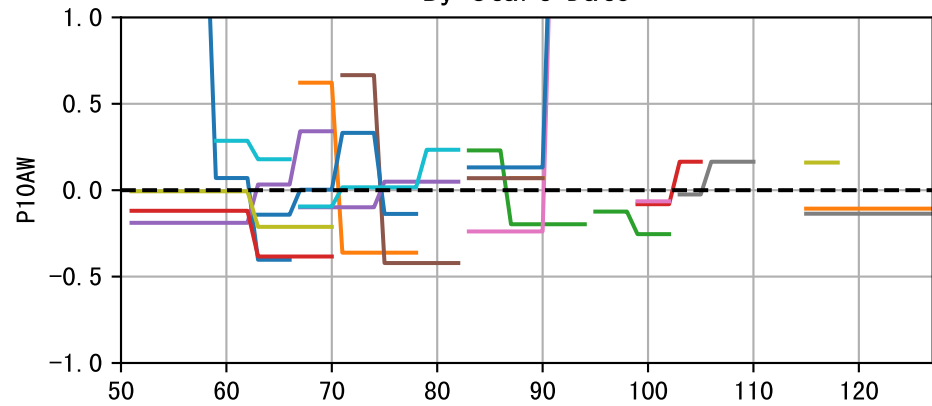
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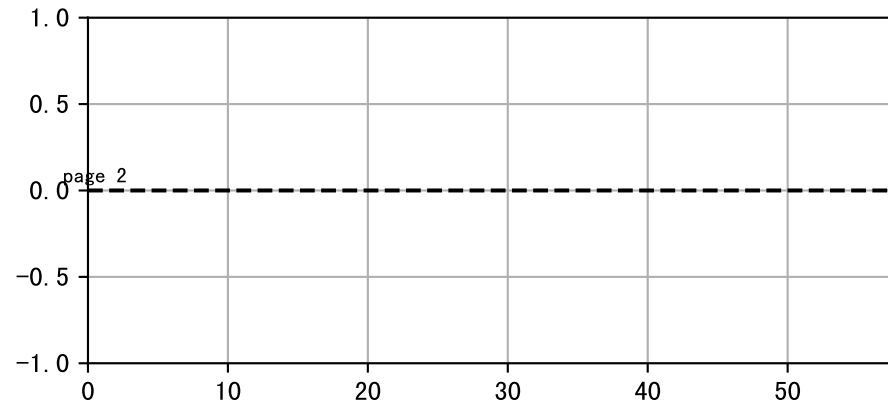
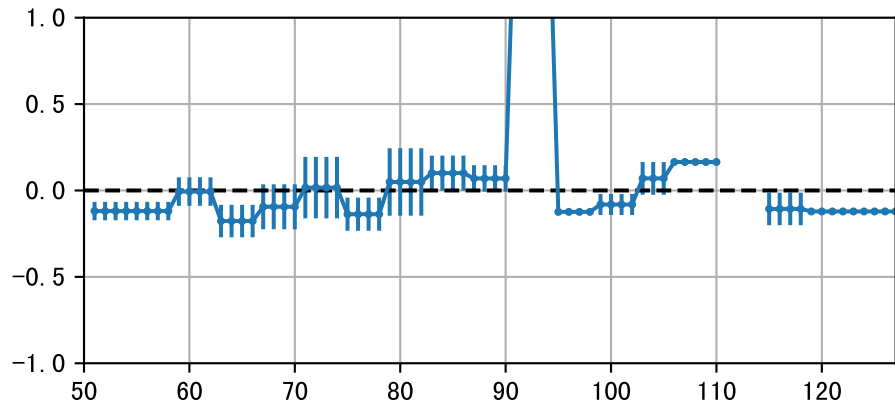
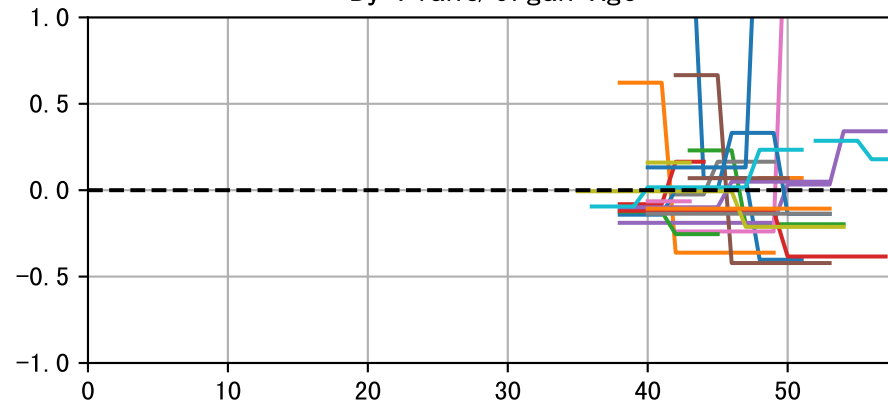
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P10AW FrN

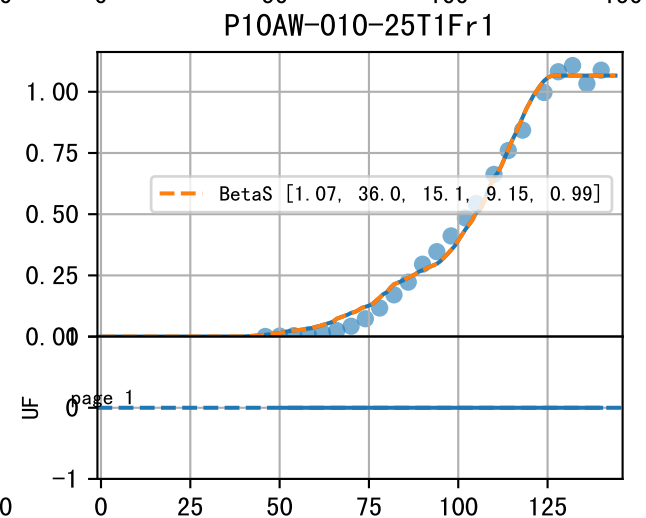
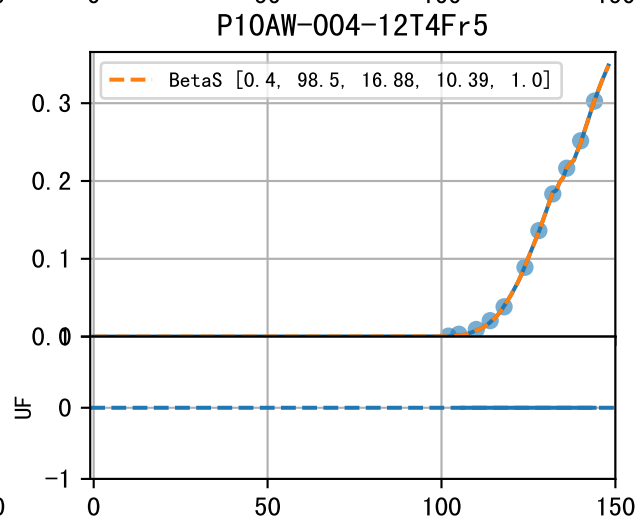
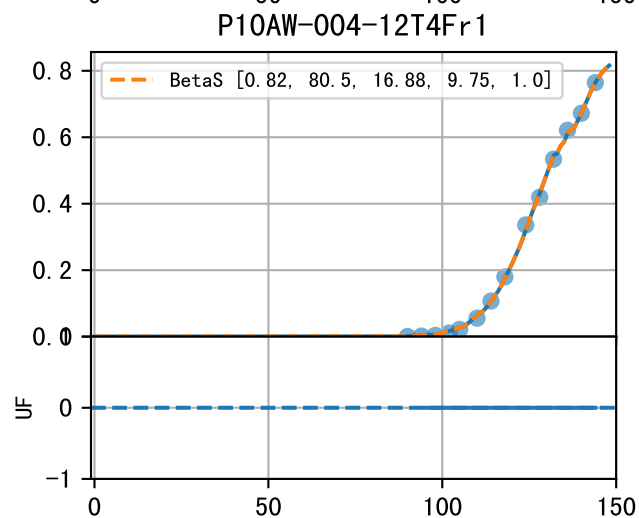
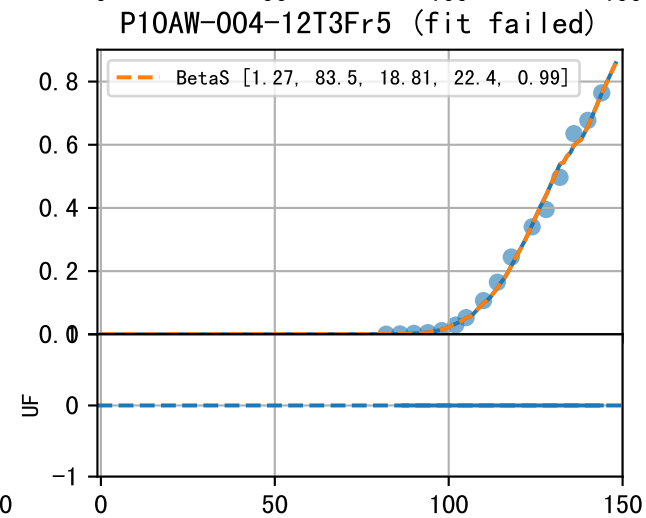
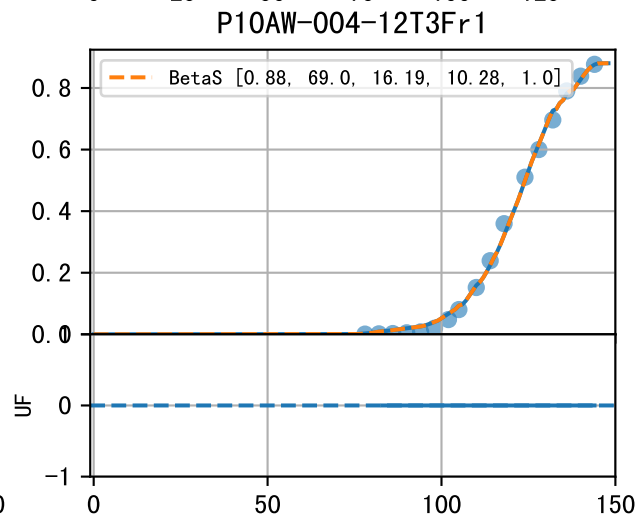
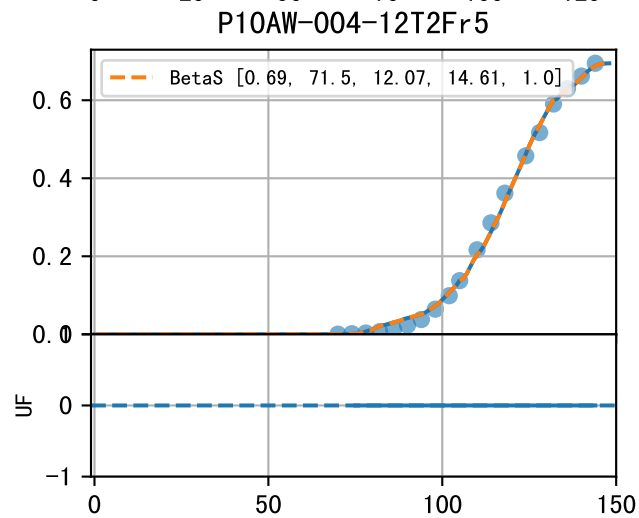
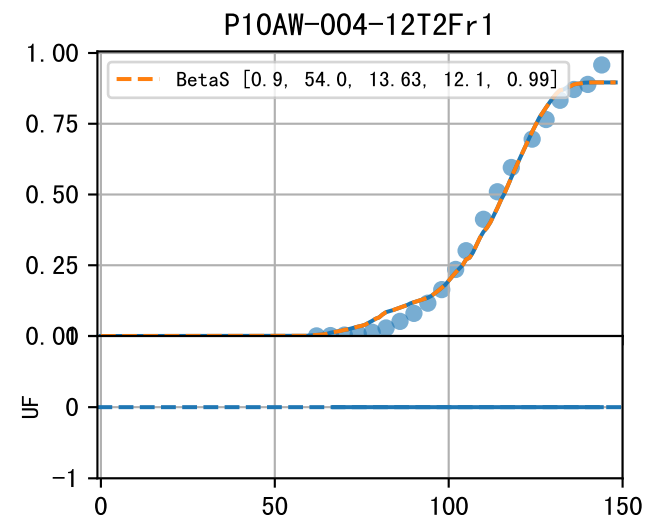
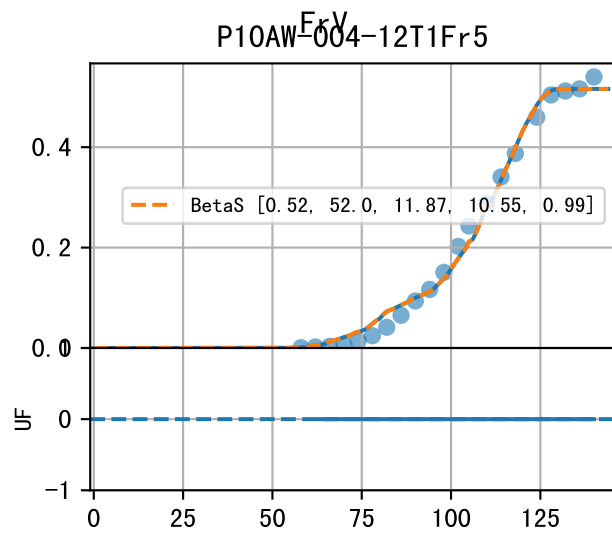
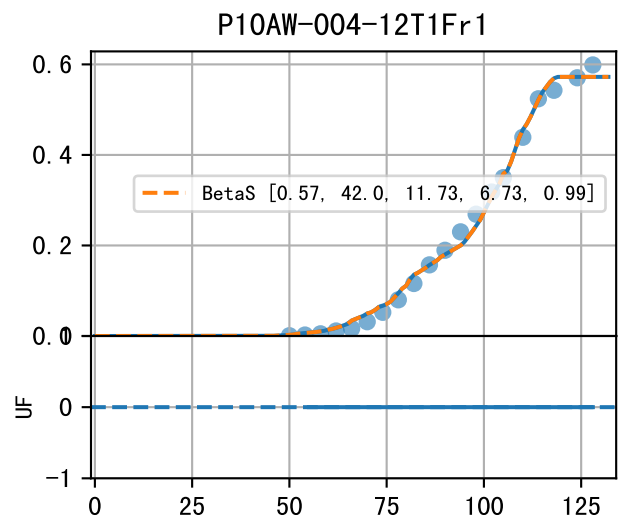


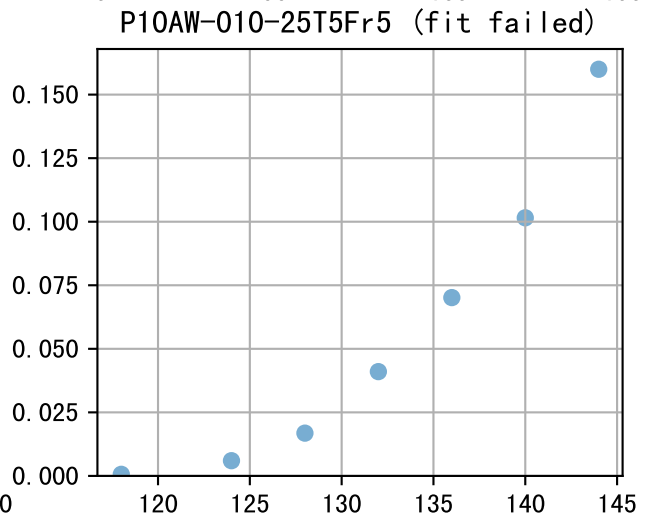
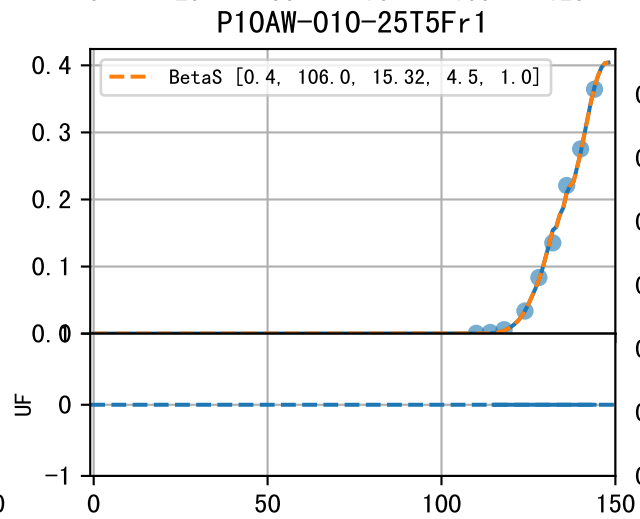
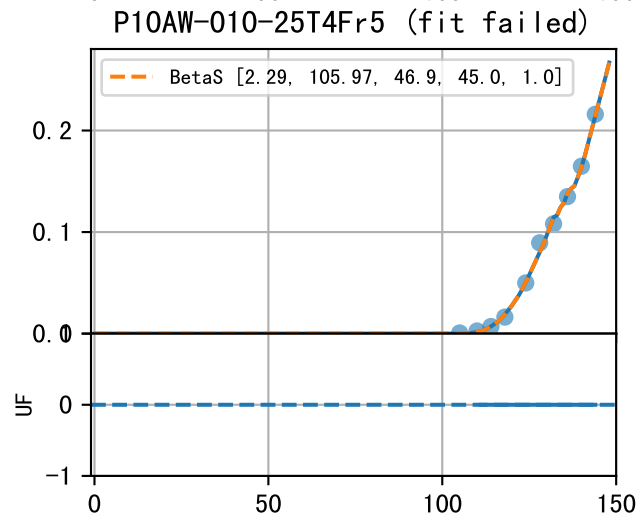
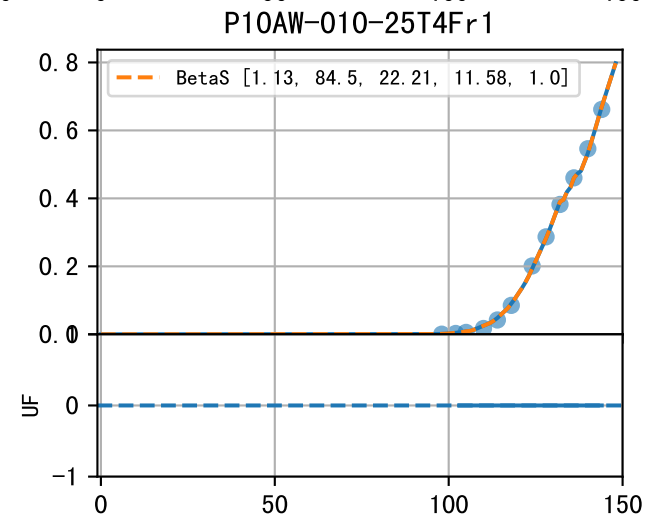
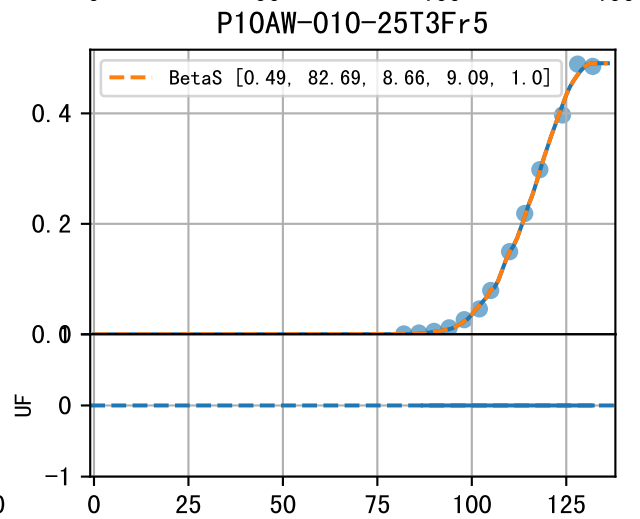
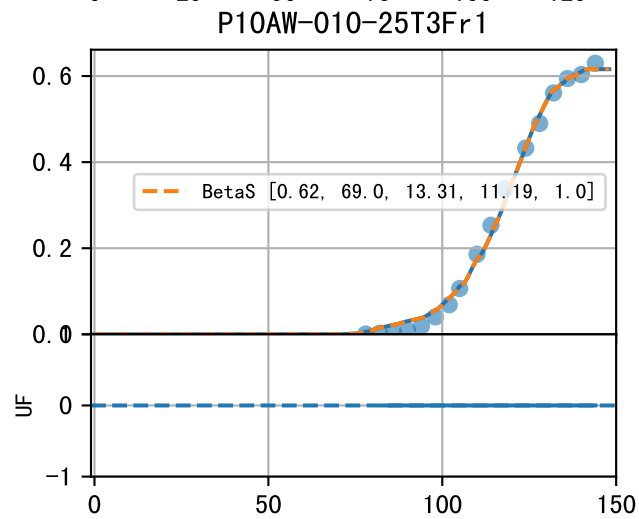
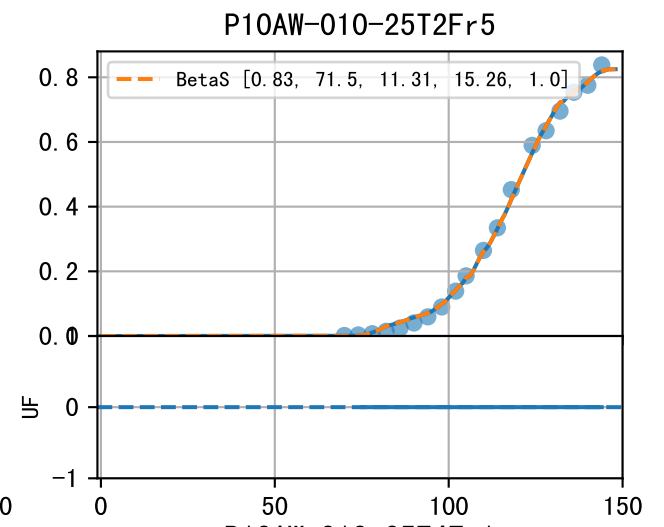
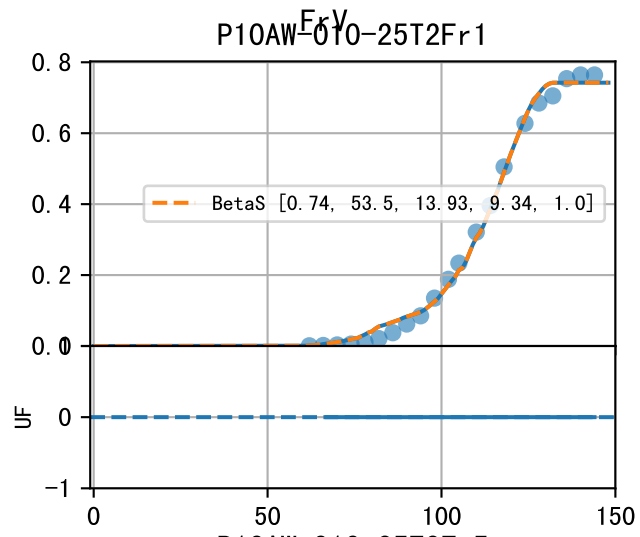
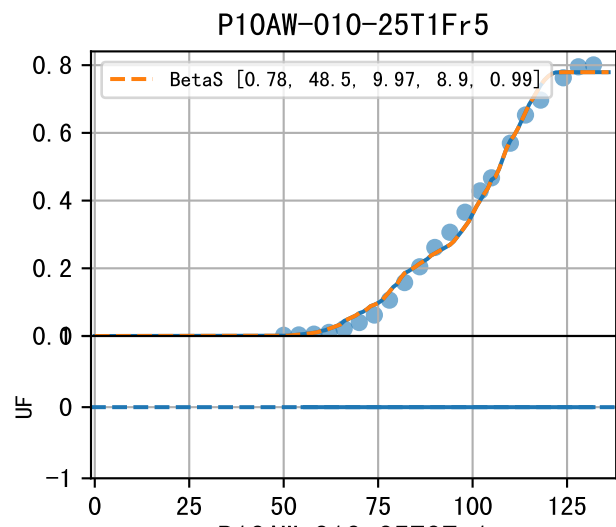
By Start Date

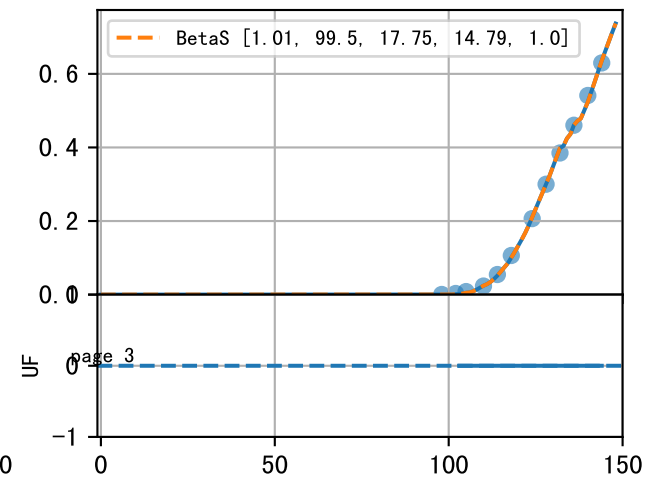
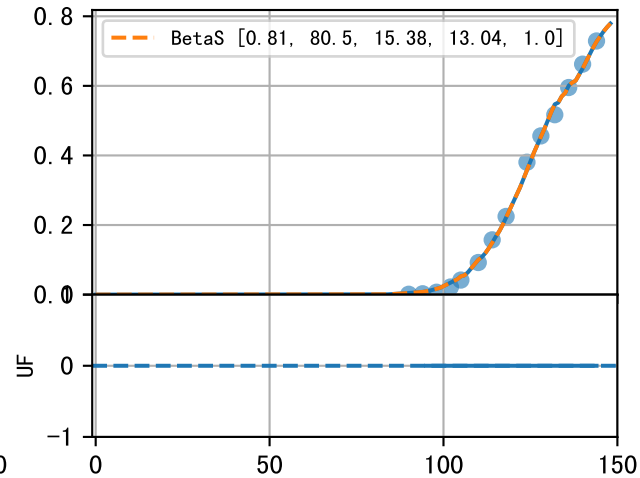
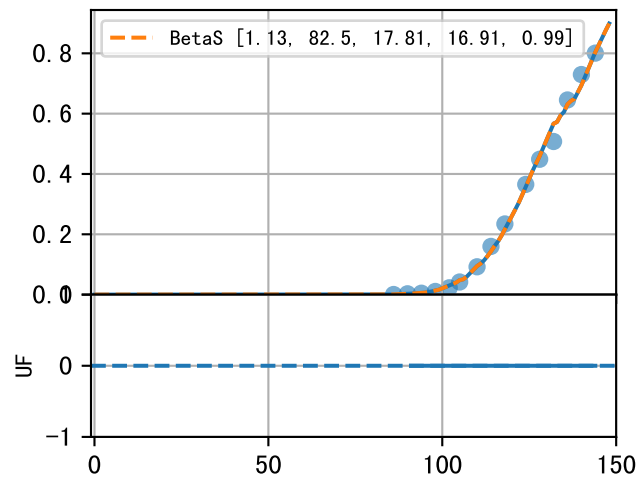
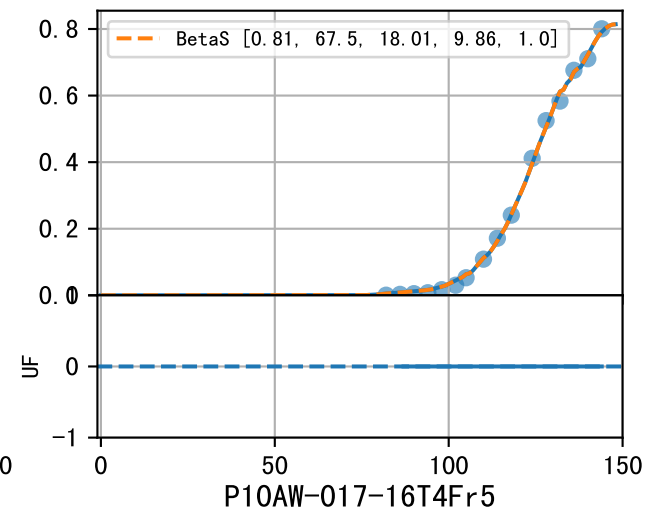
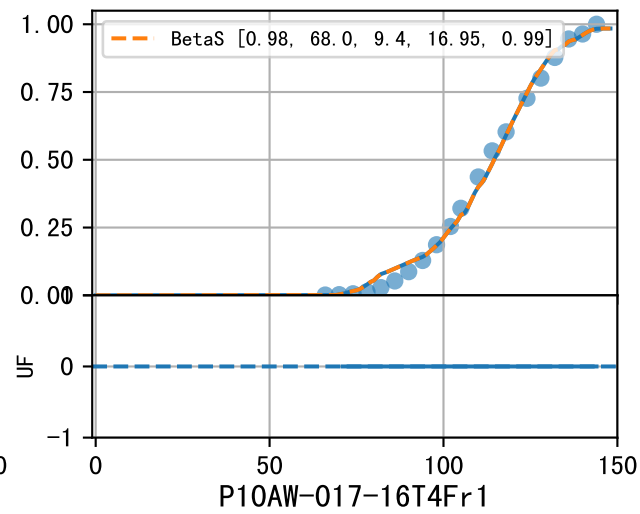
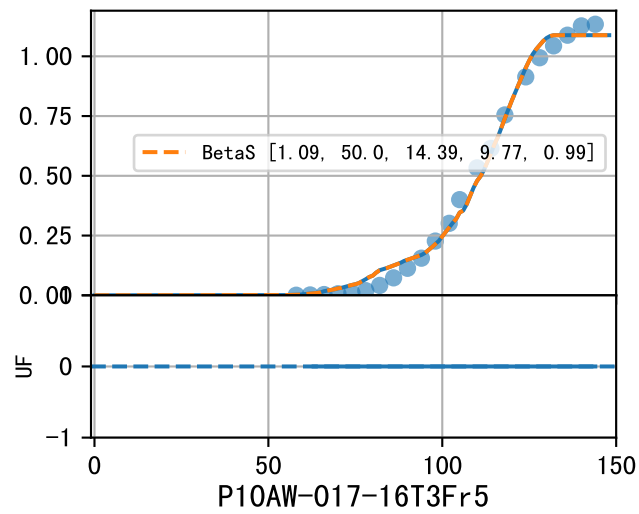
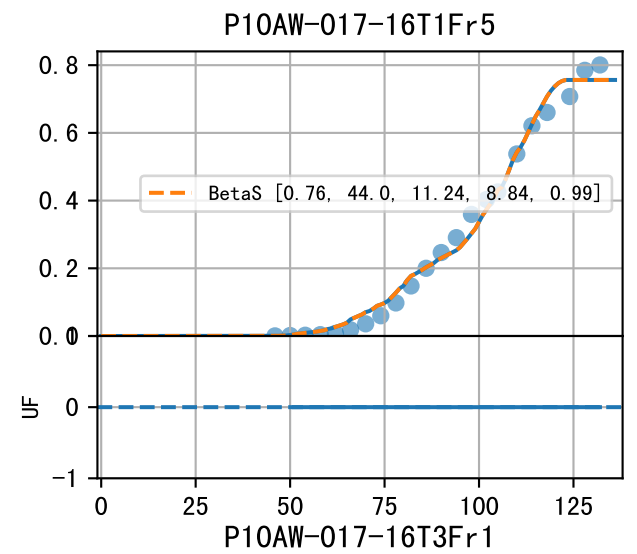
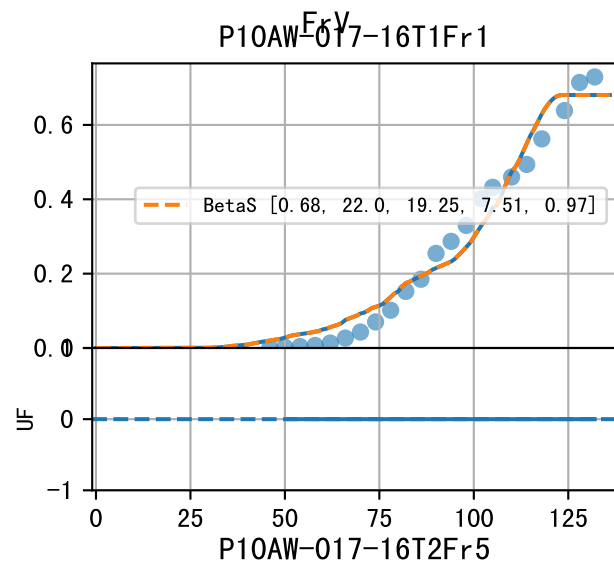
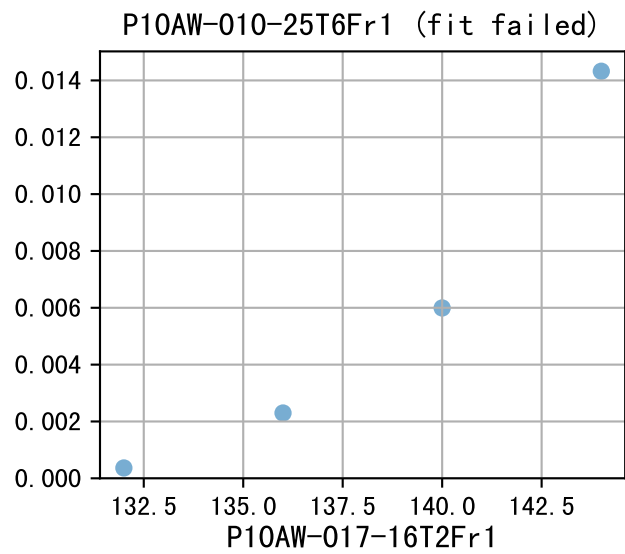


By Plant/Organ Age

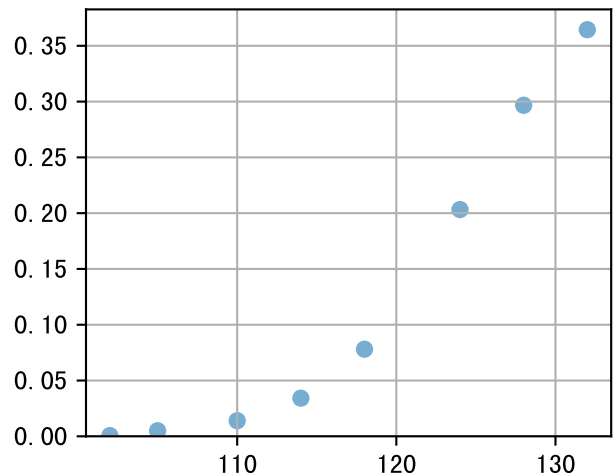




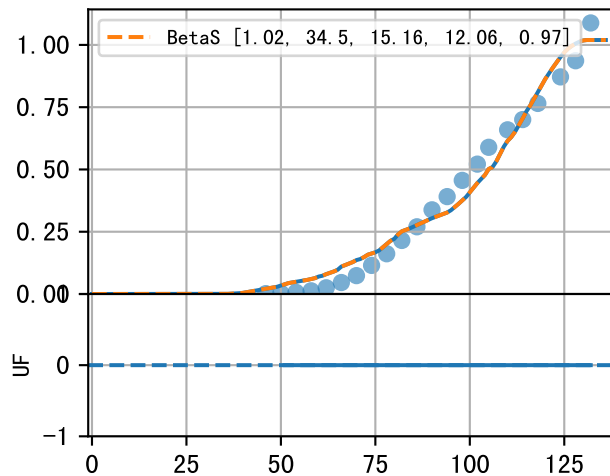




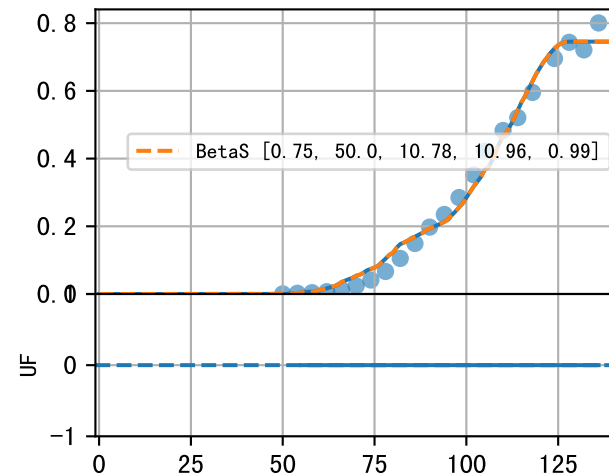
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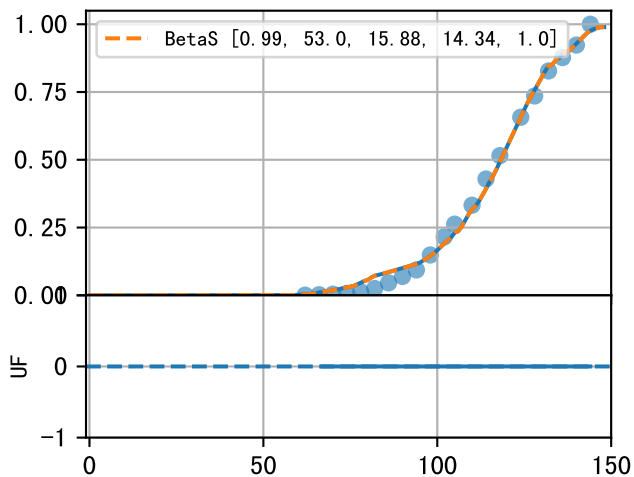
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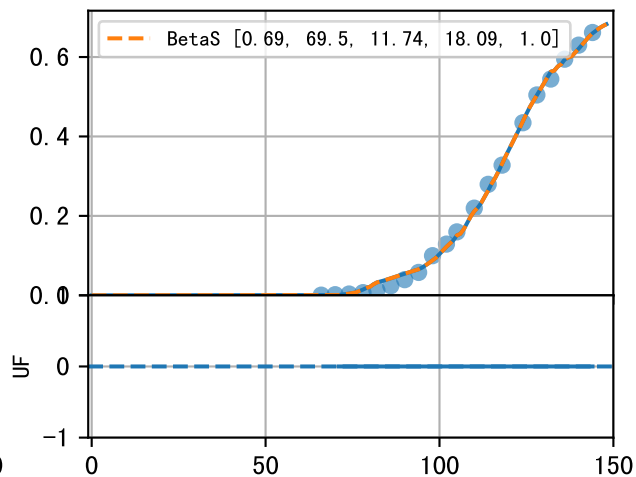
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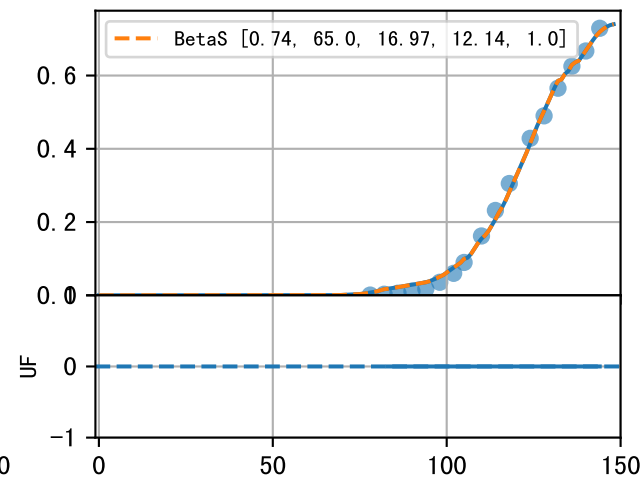
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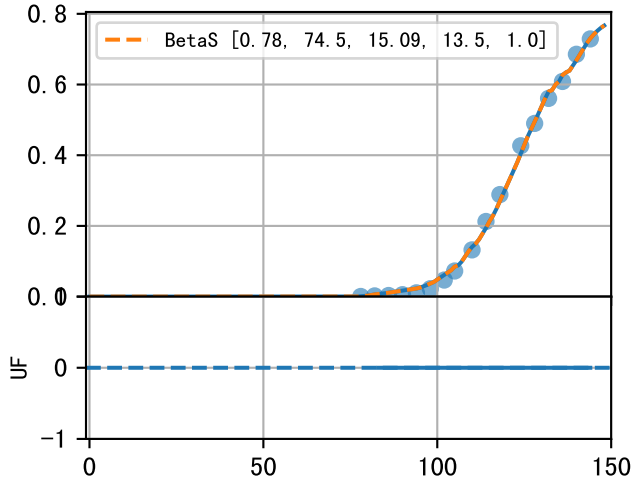
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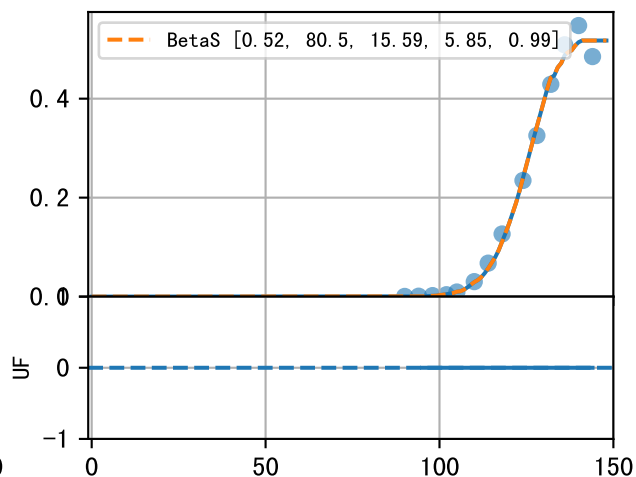
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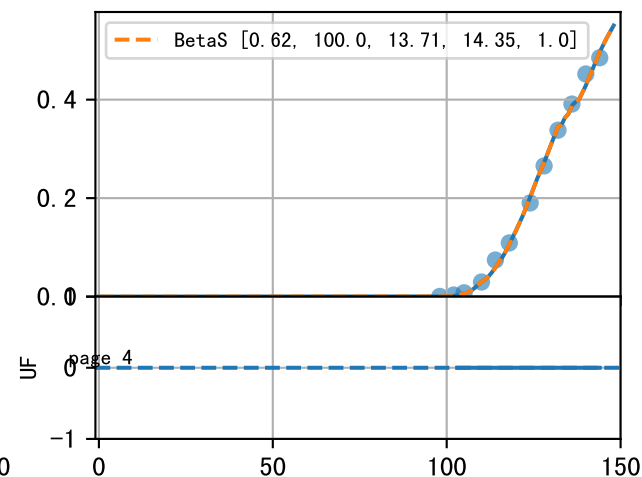
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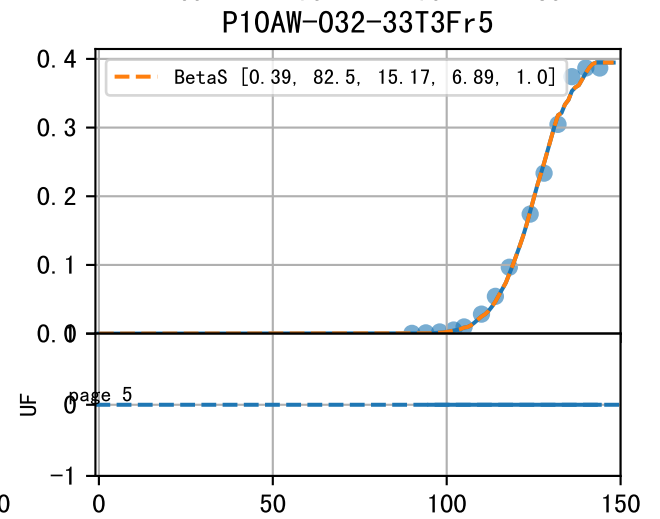
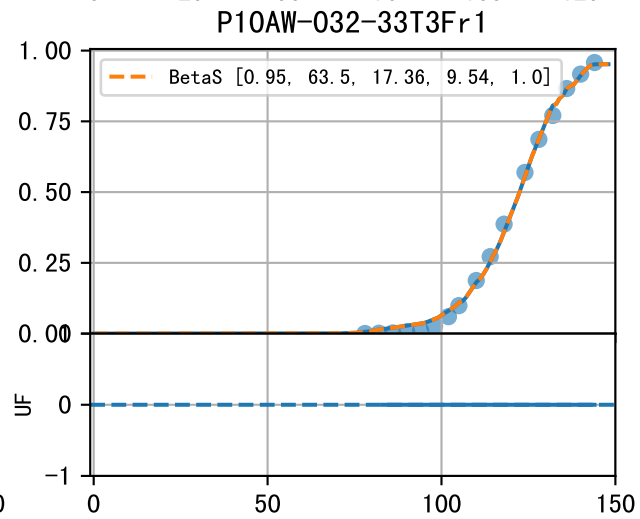
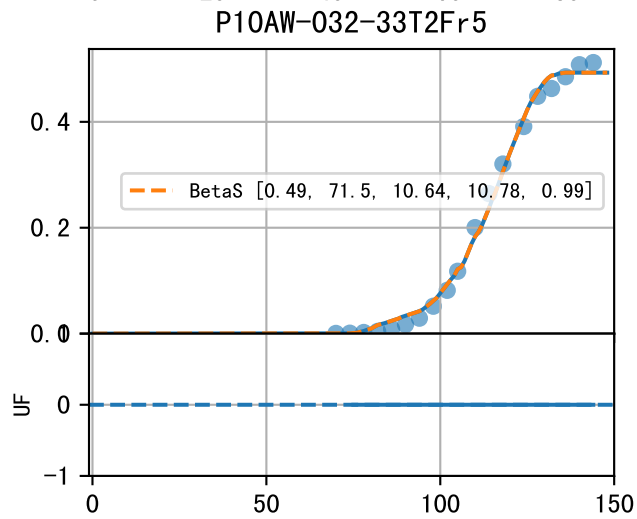
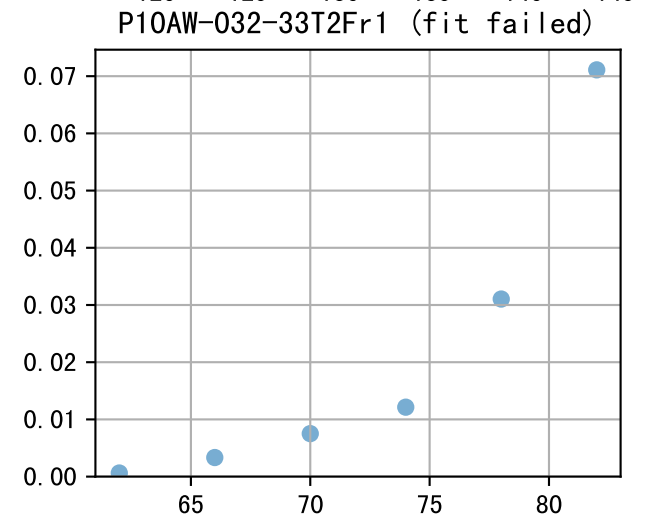
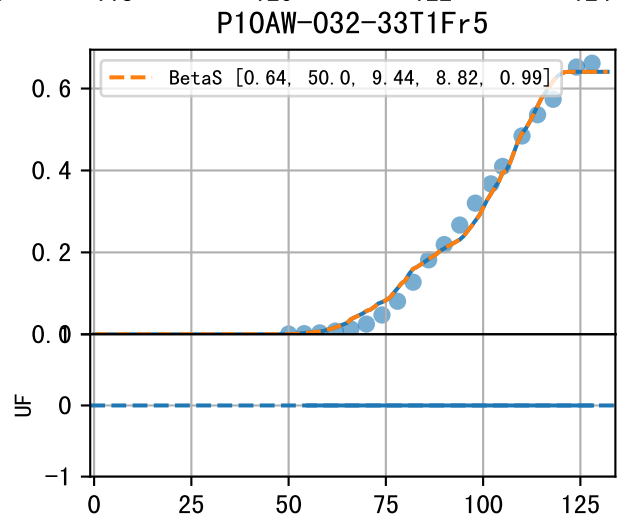
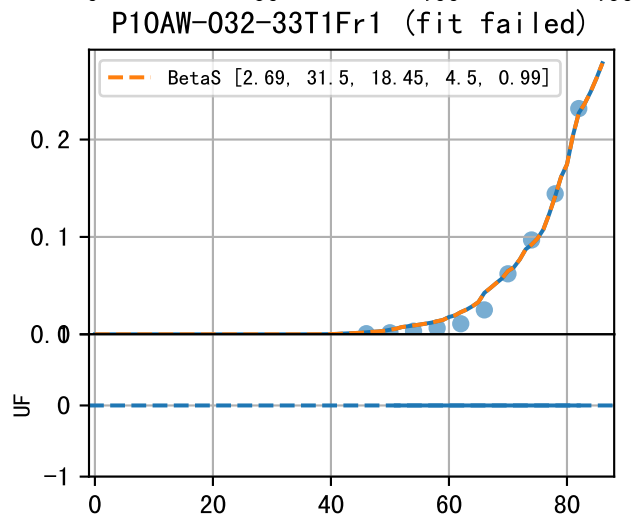
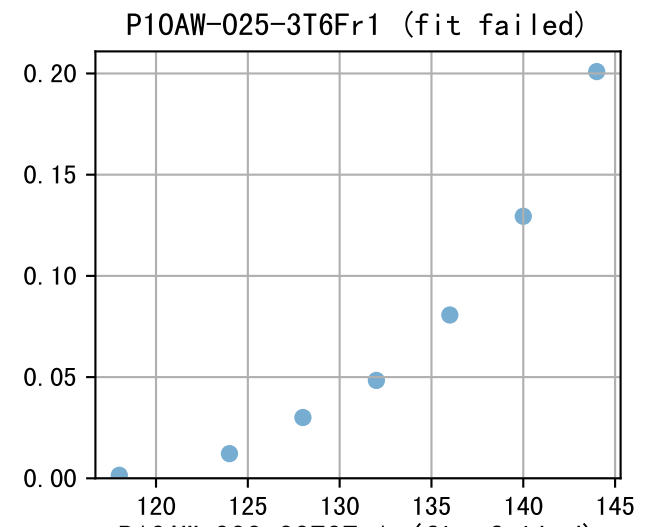
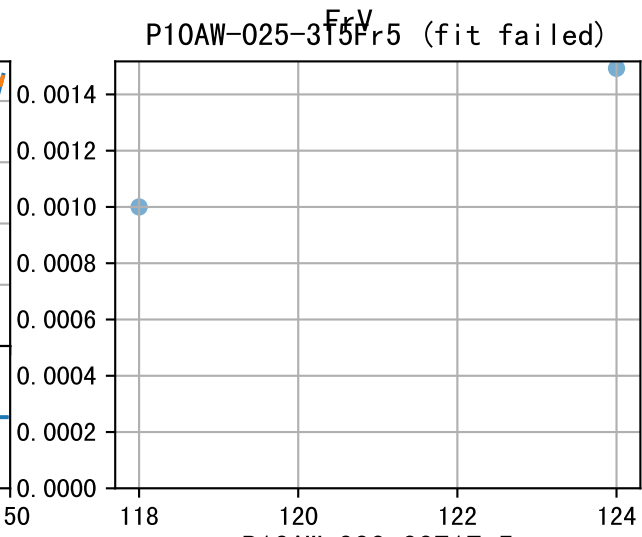
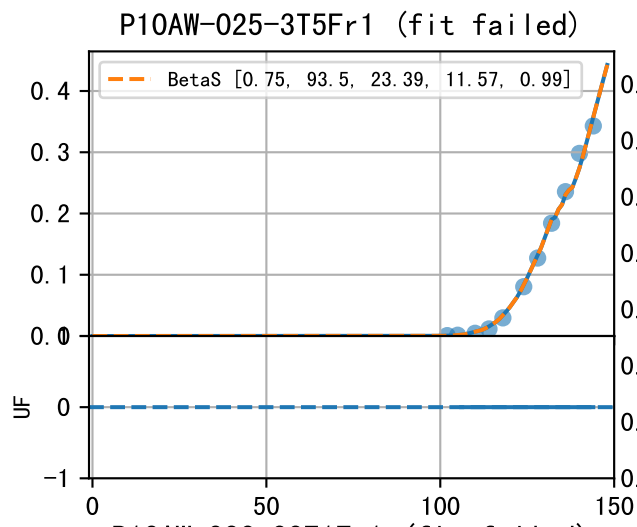


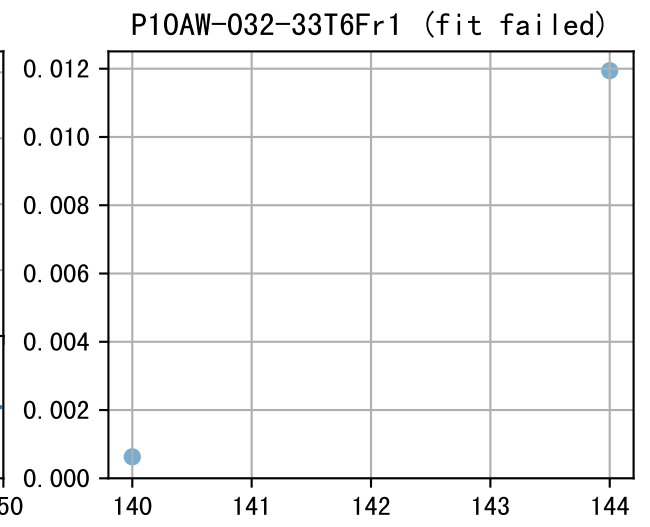
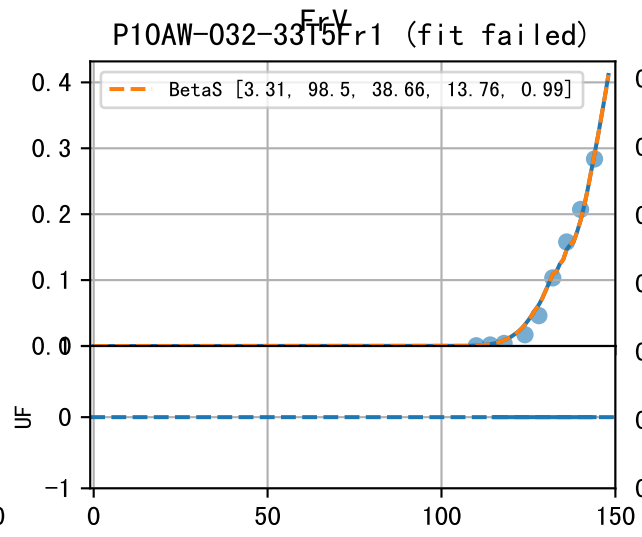
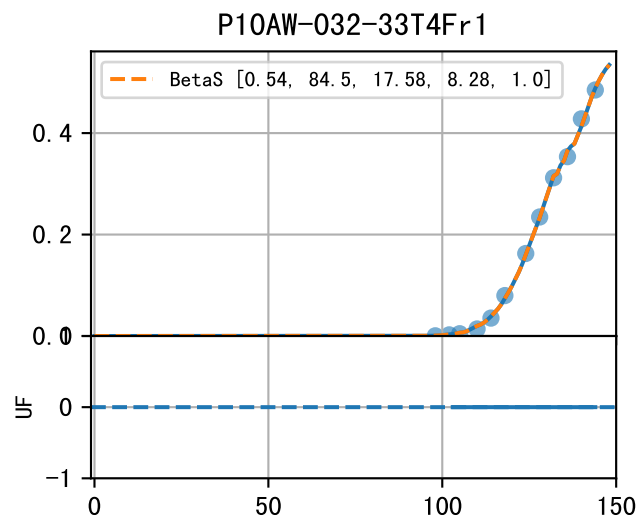
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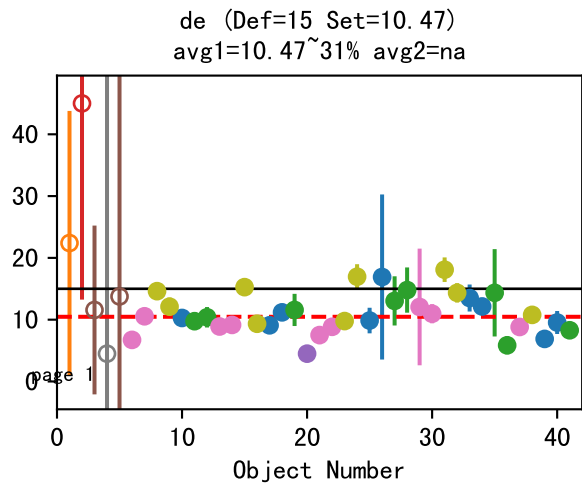
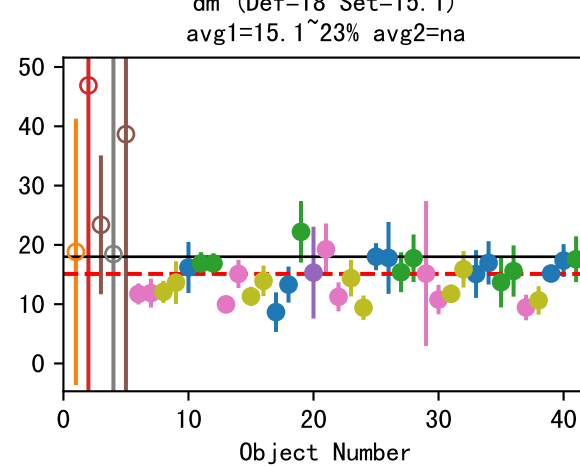
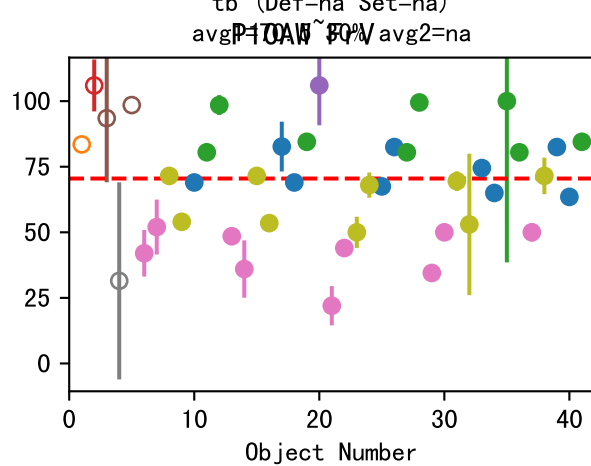
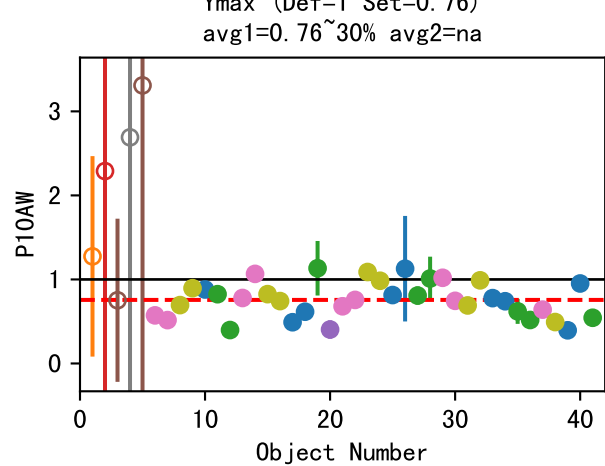


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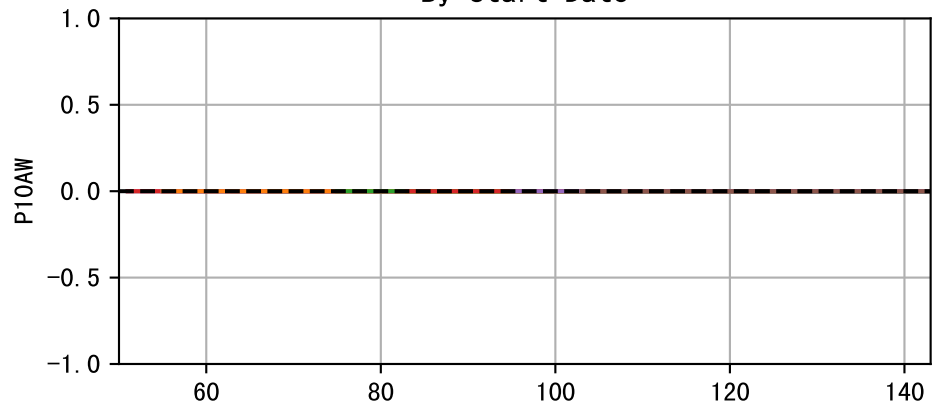




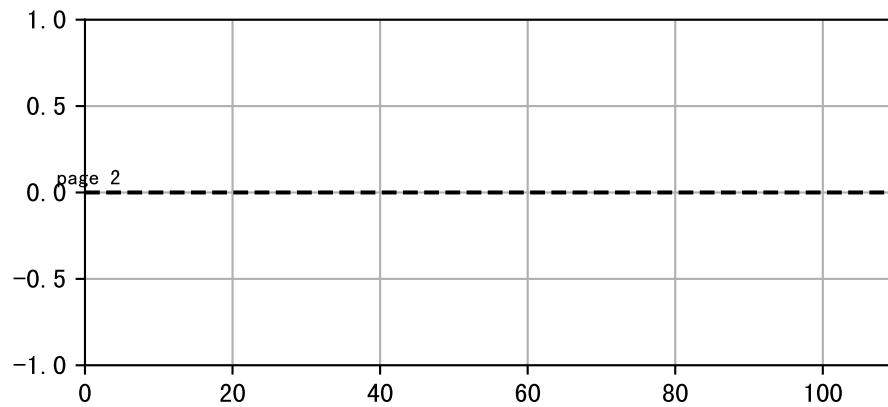
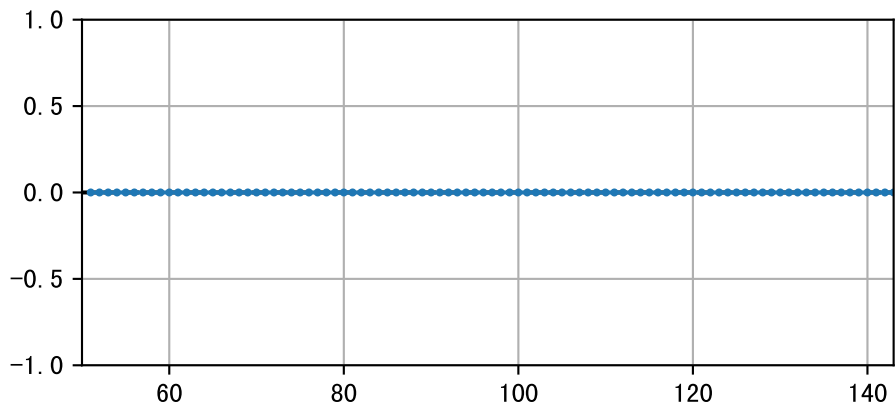
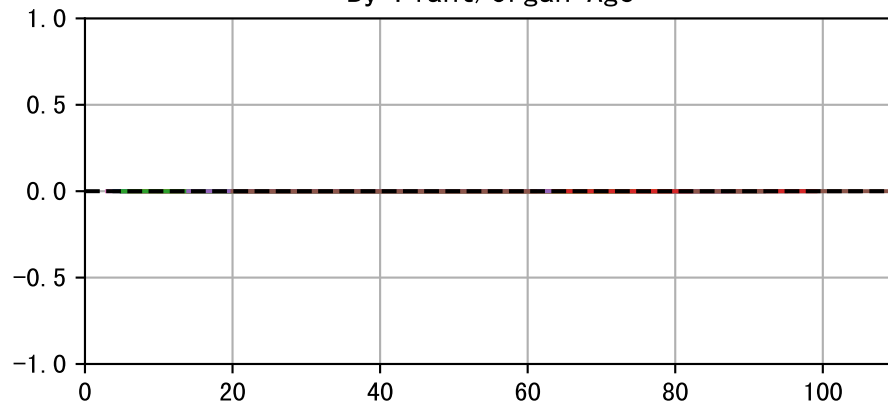


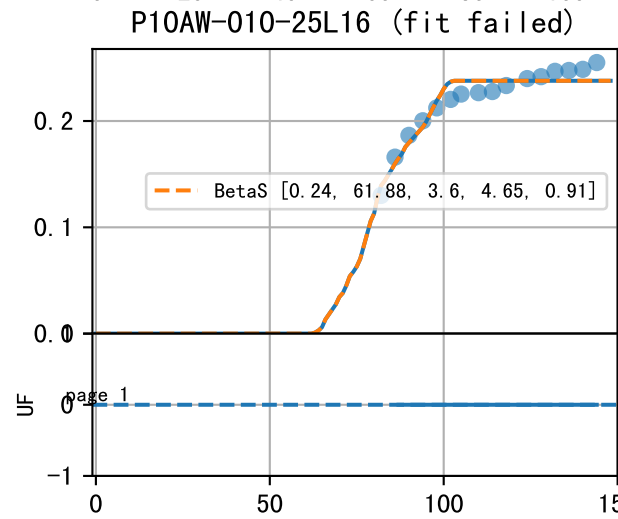
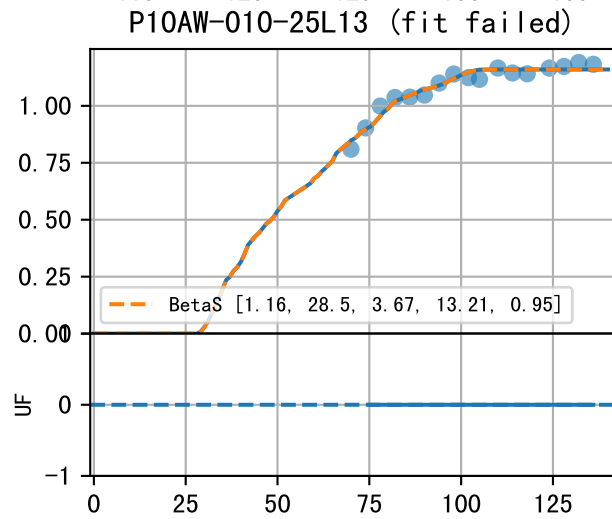
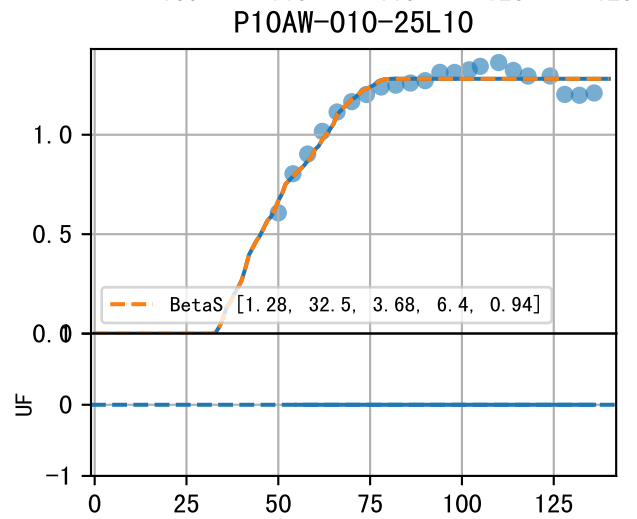
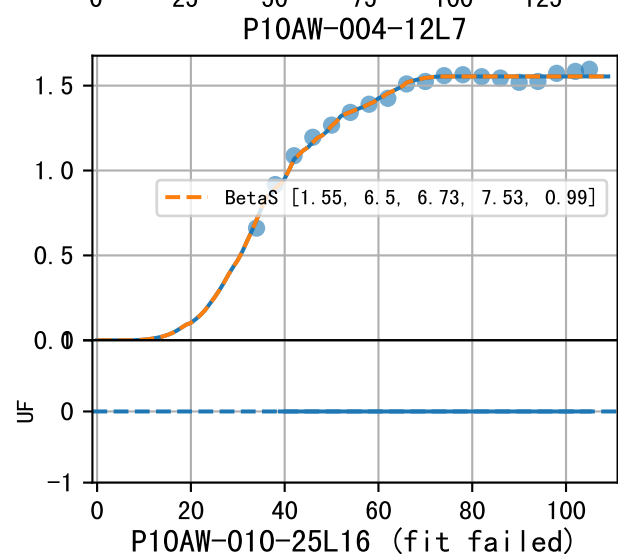
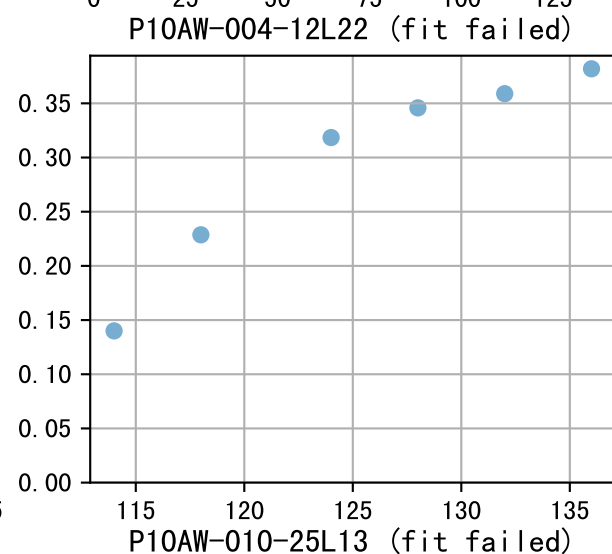
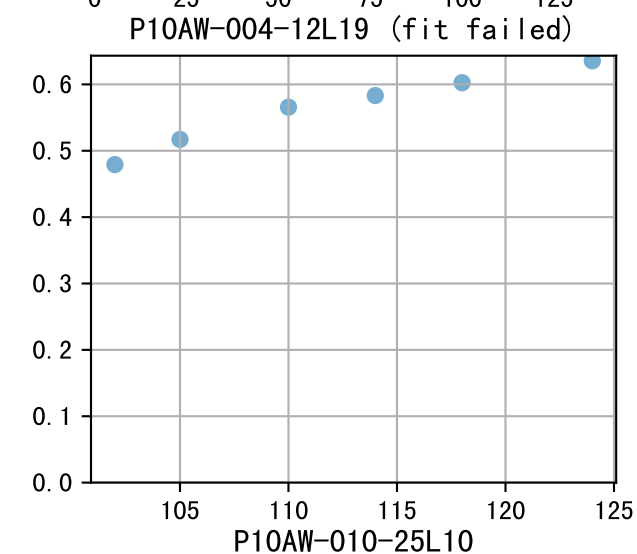
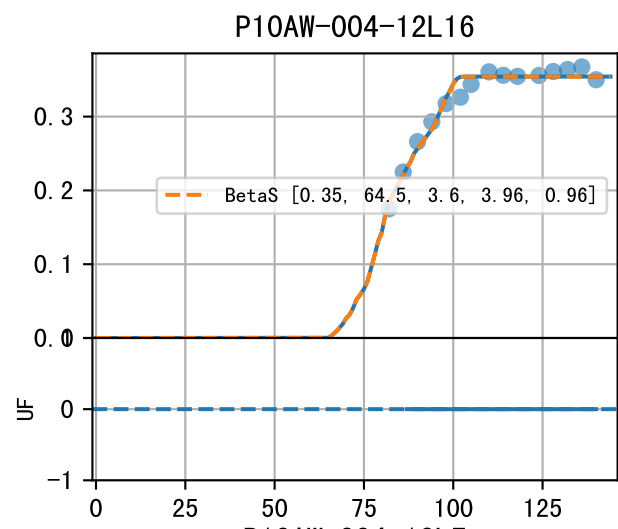
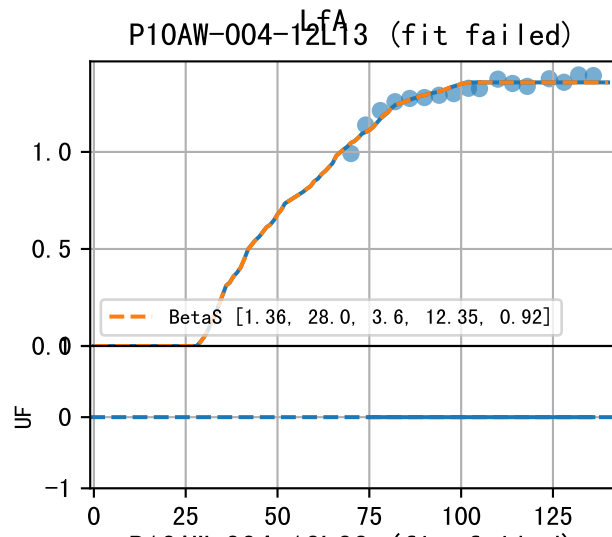
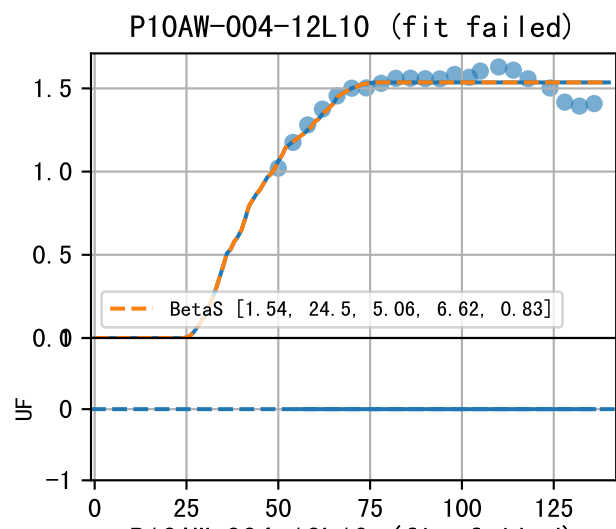


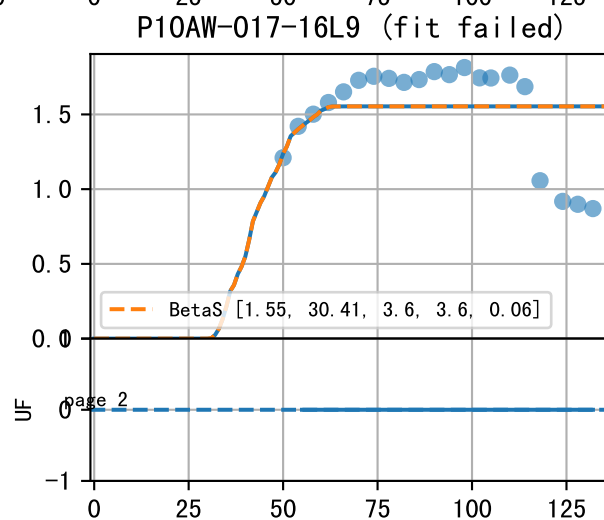
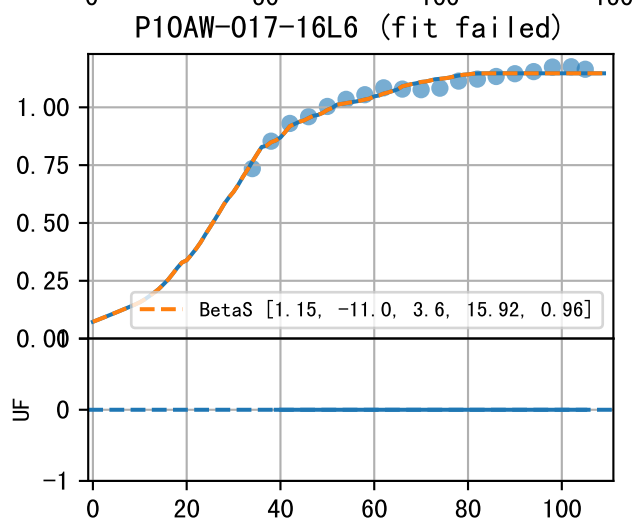
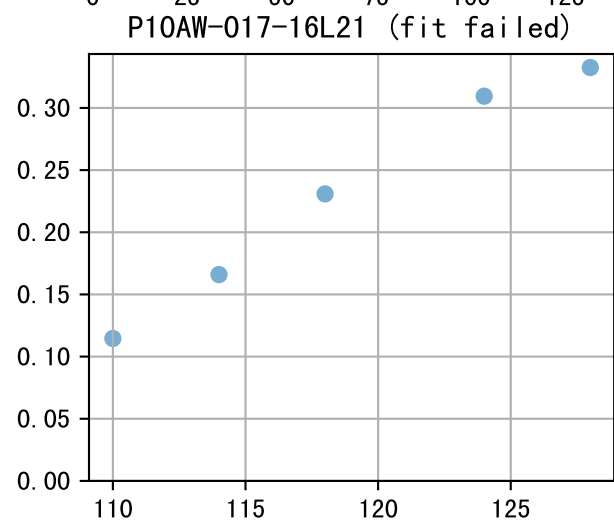
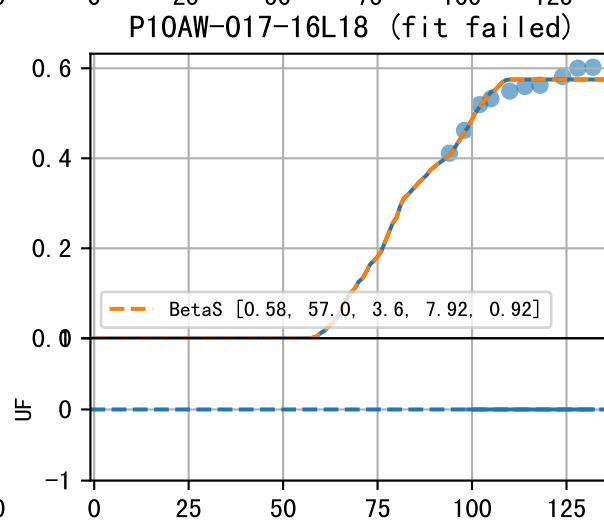
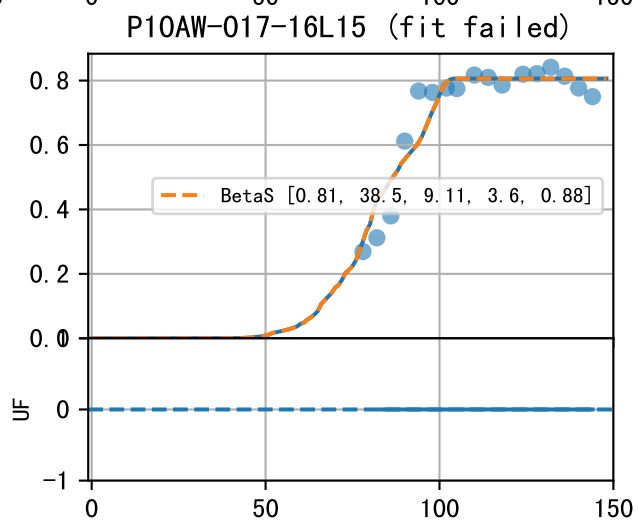
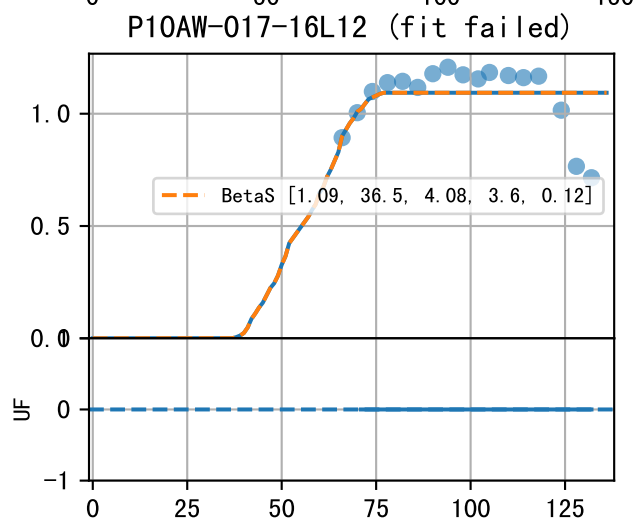
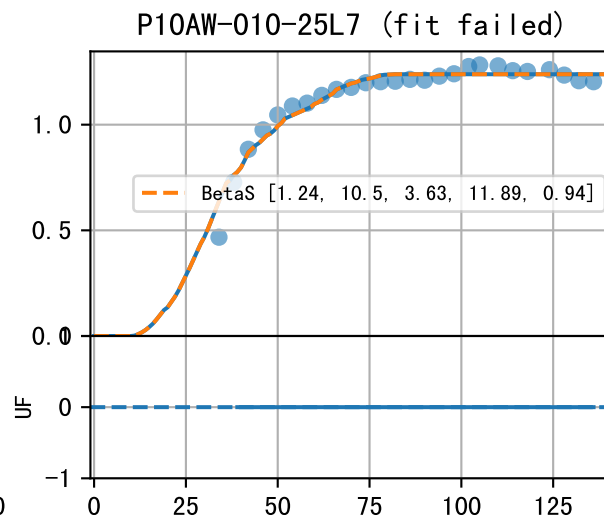
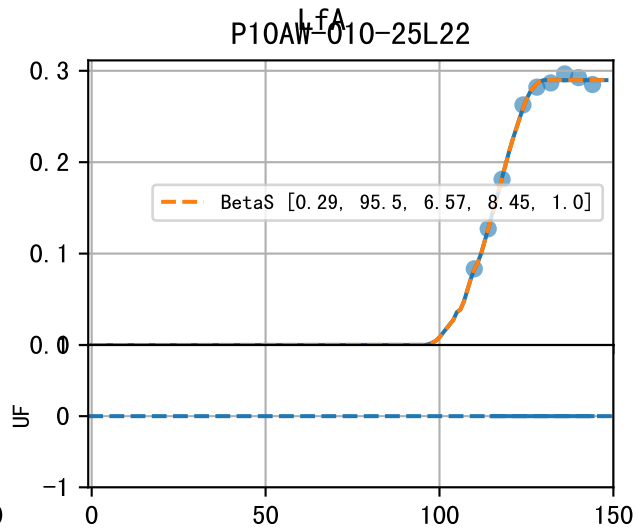
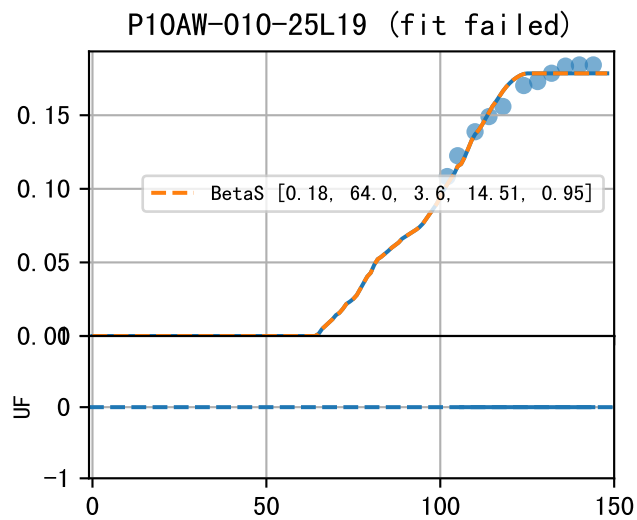
By Start Date

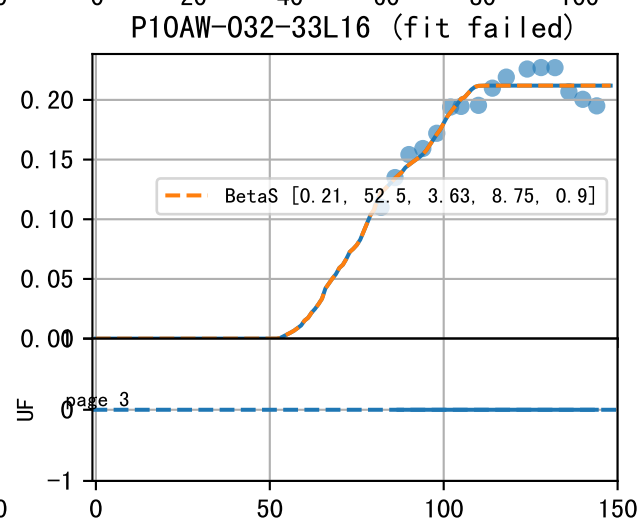
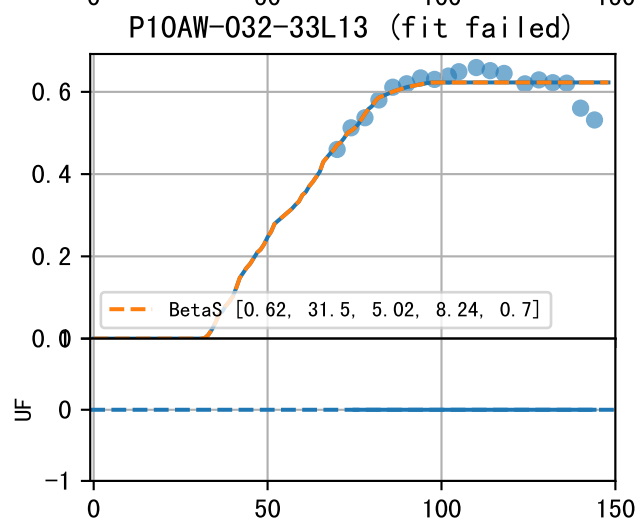
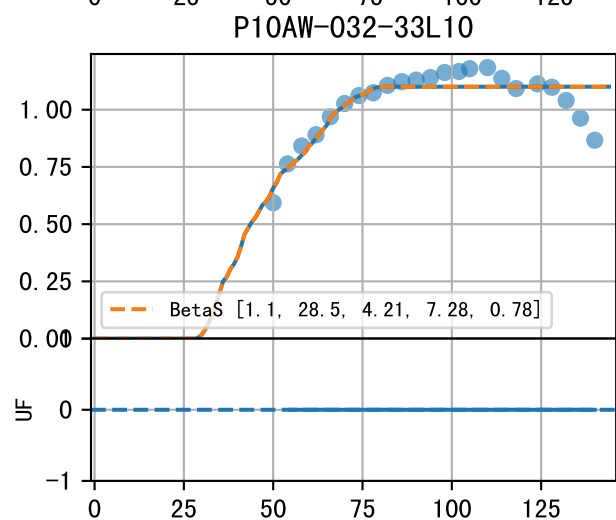
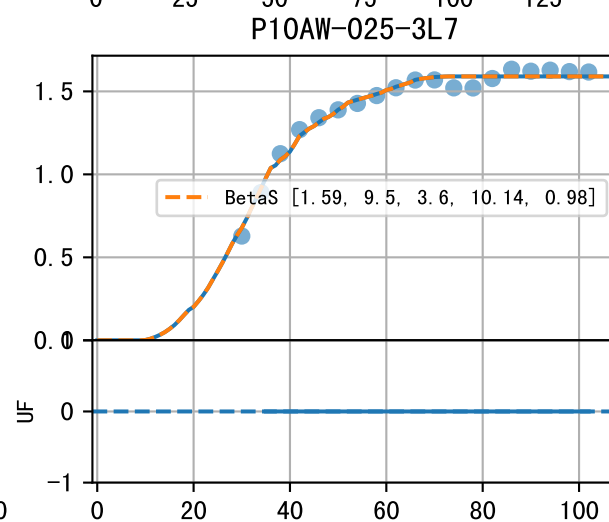
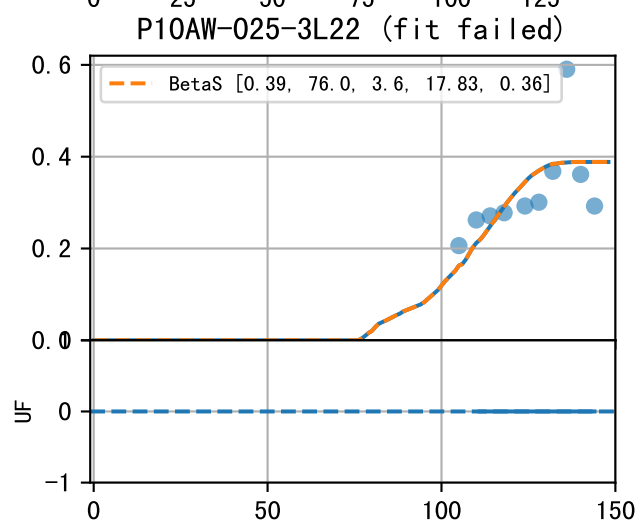
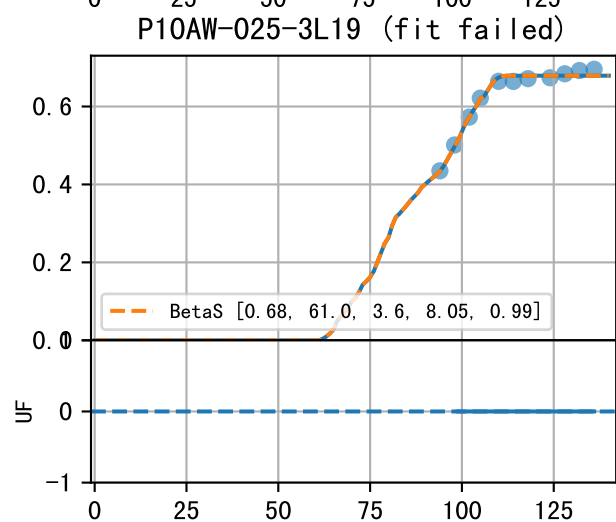
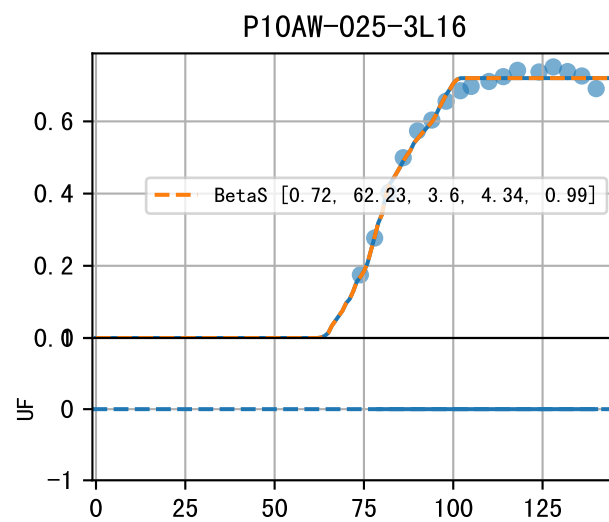
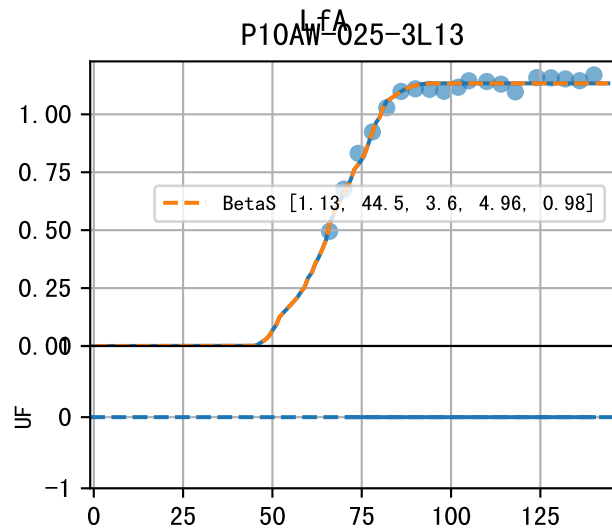
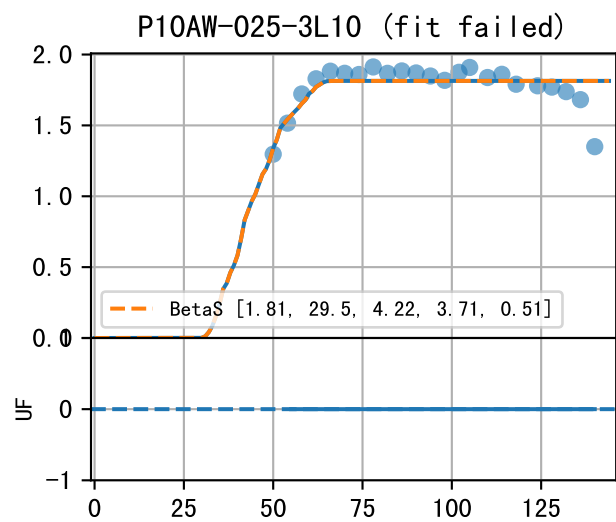


By Plant/Organ Age

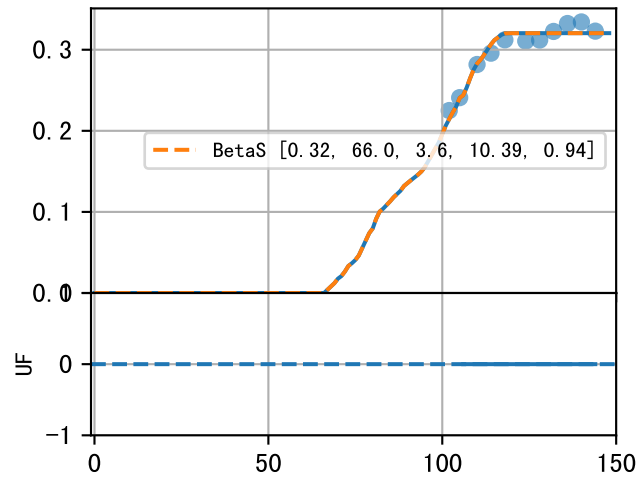




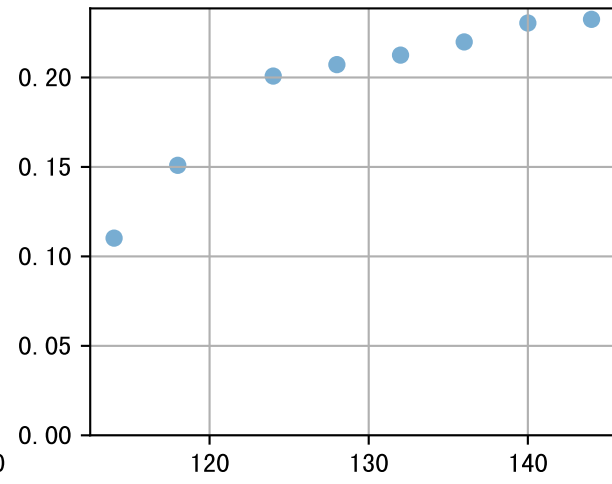




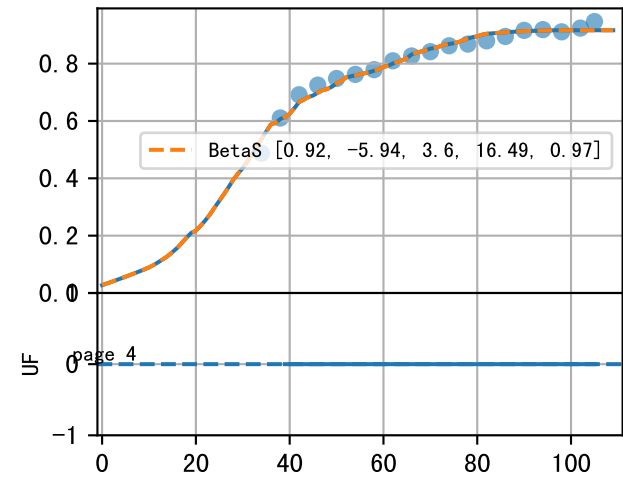
P10AW-032-33L19 (fit failed)



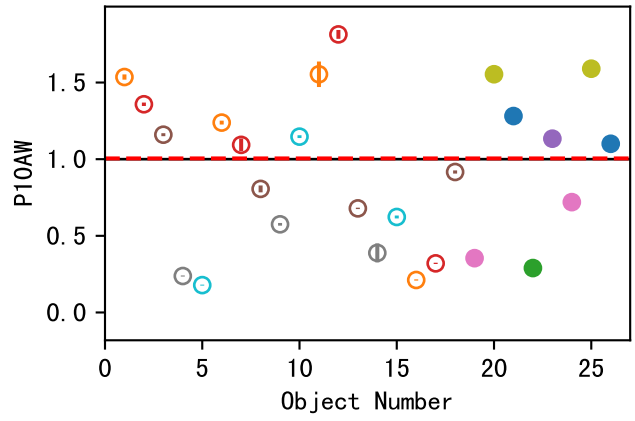
P10AW-032-33L22 (fit failed)



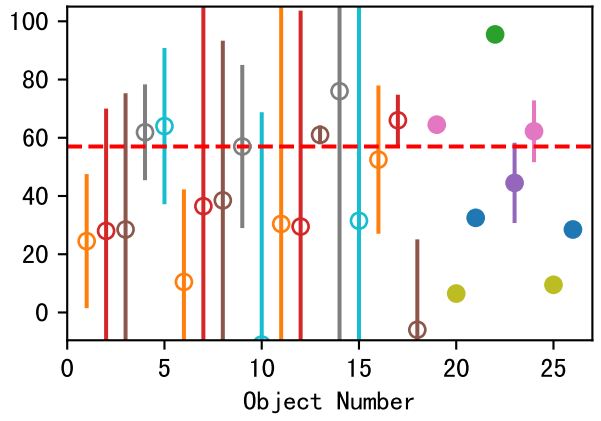
P10AW-032-33L7 (fit failed)



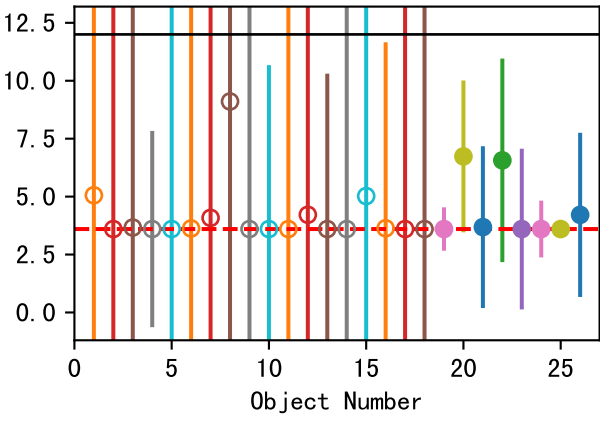
rmax (Def=1 Set=1.0)
avg1=1.0~50% avg2=na



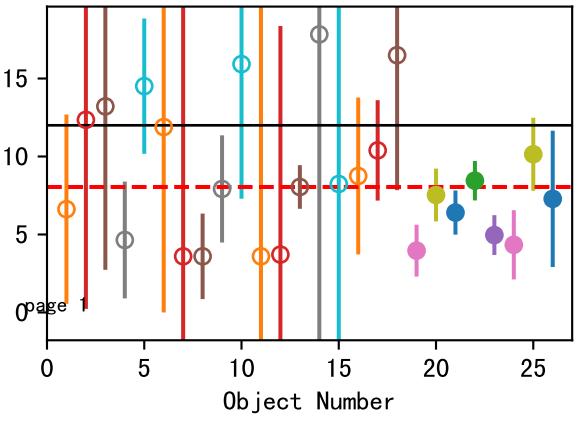
tb (Def=na Set=na)
avg1=15.7~42% avg2=na



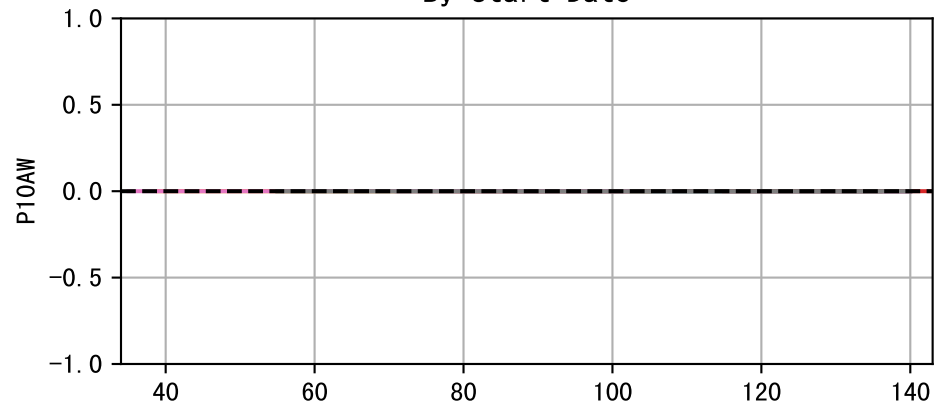
dm (Def=12 Set=3.6)
avg1=3.6~31% avg2=na



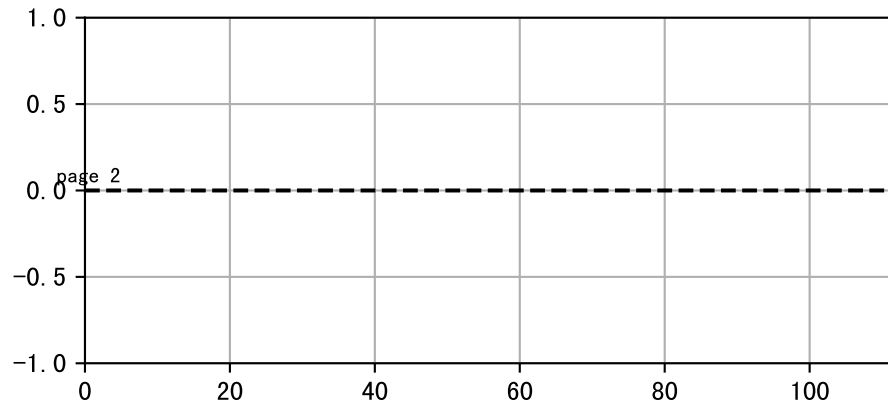
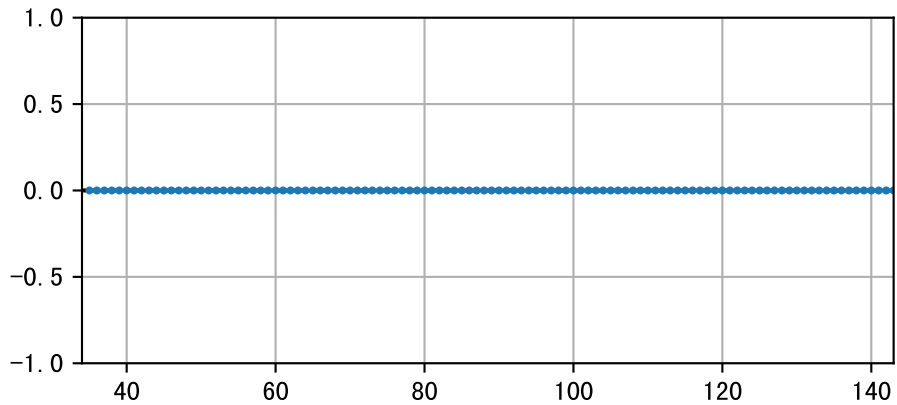
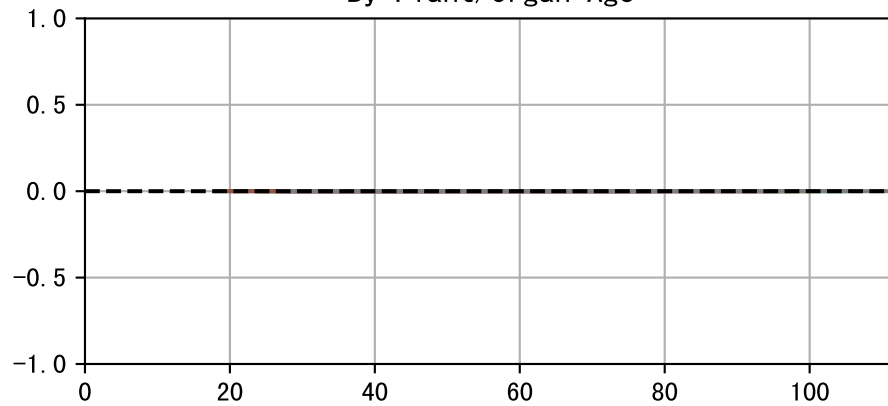
de (Def=12 Set=8.05)
avg1=8.05~49% avg2=na

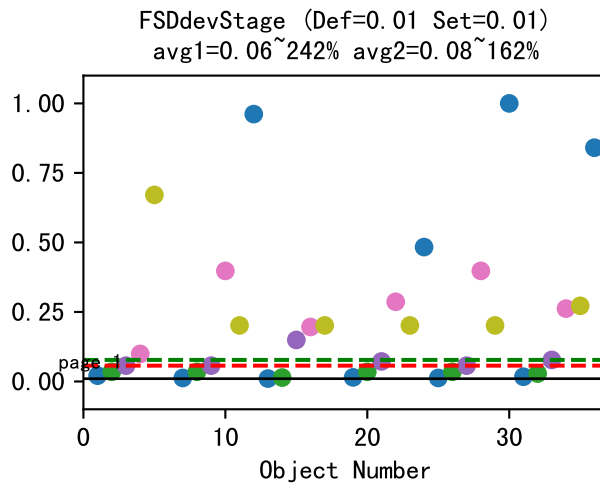
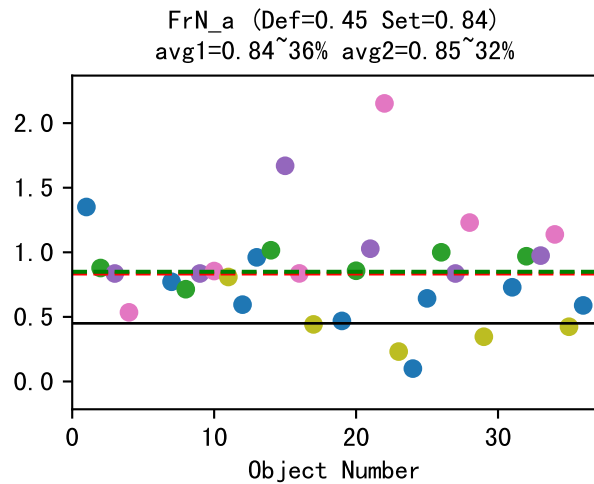
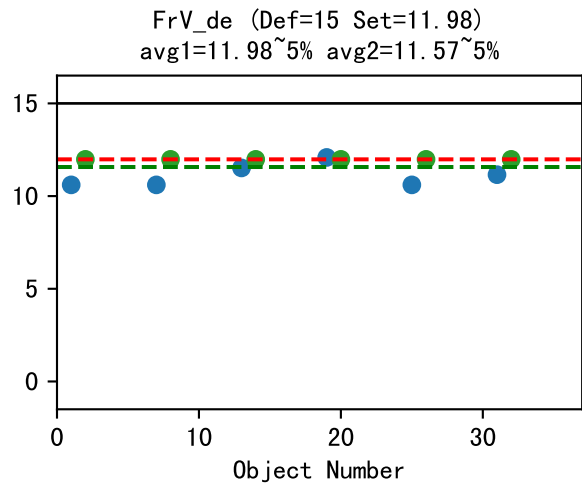
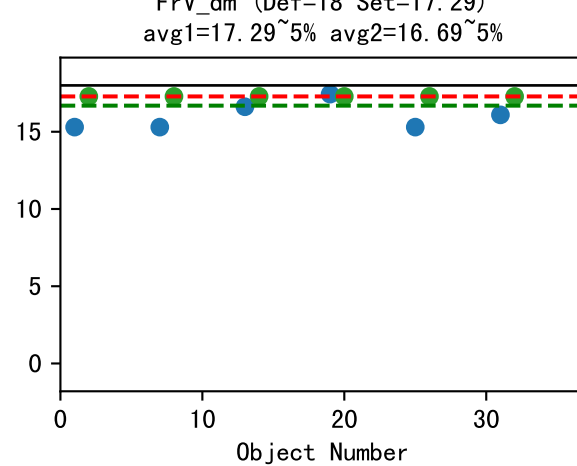
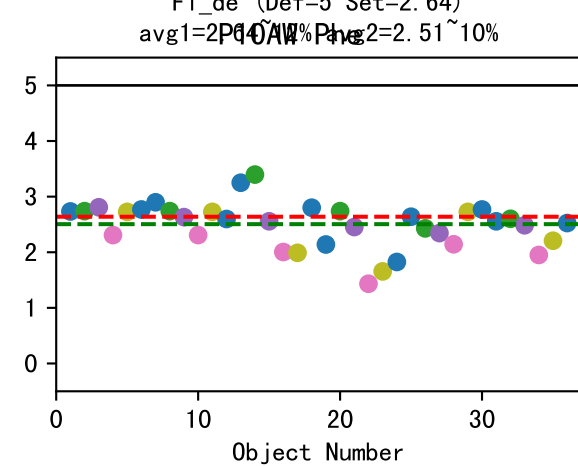
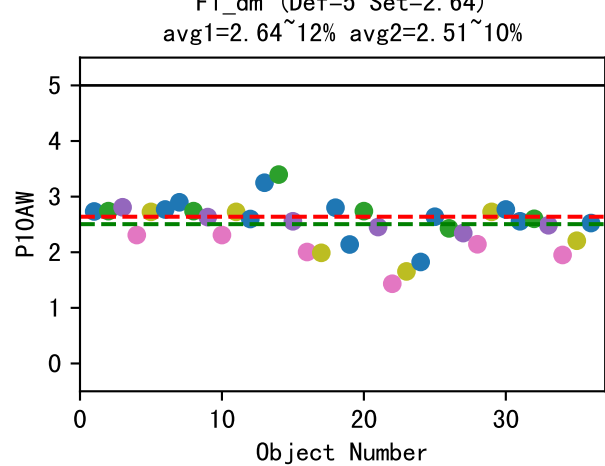


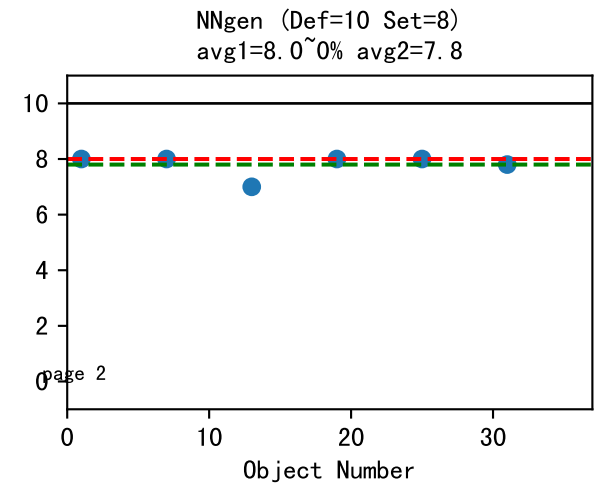
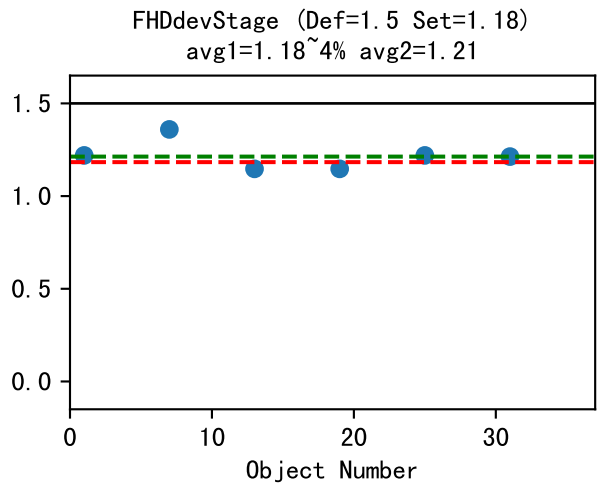
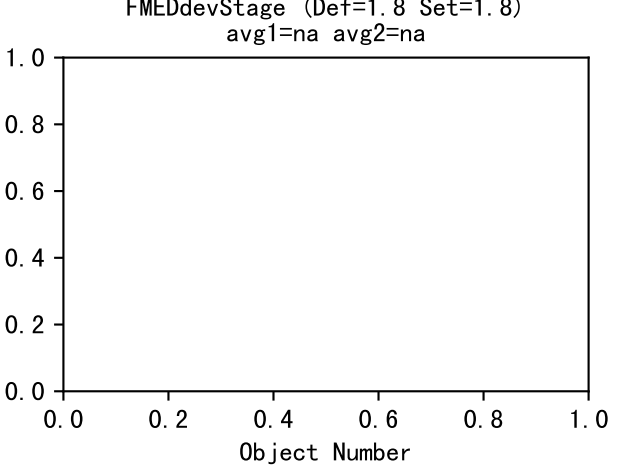
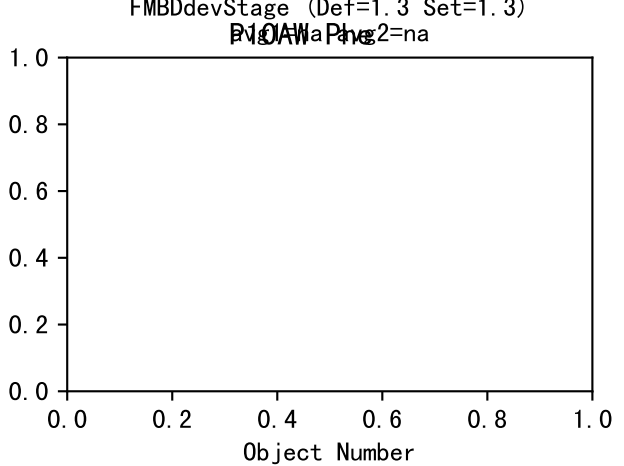
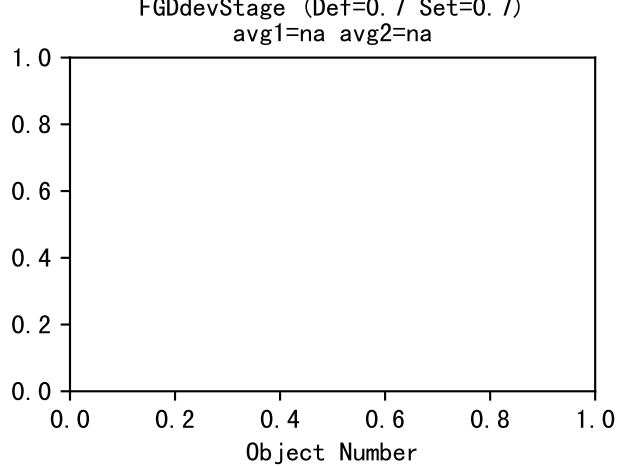
By Start Date



By Plant/Organ Age

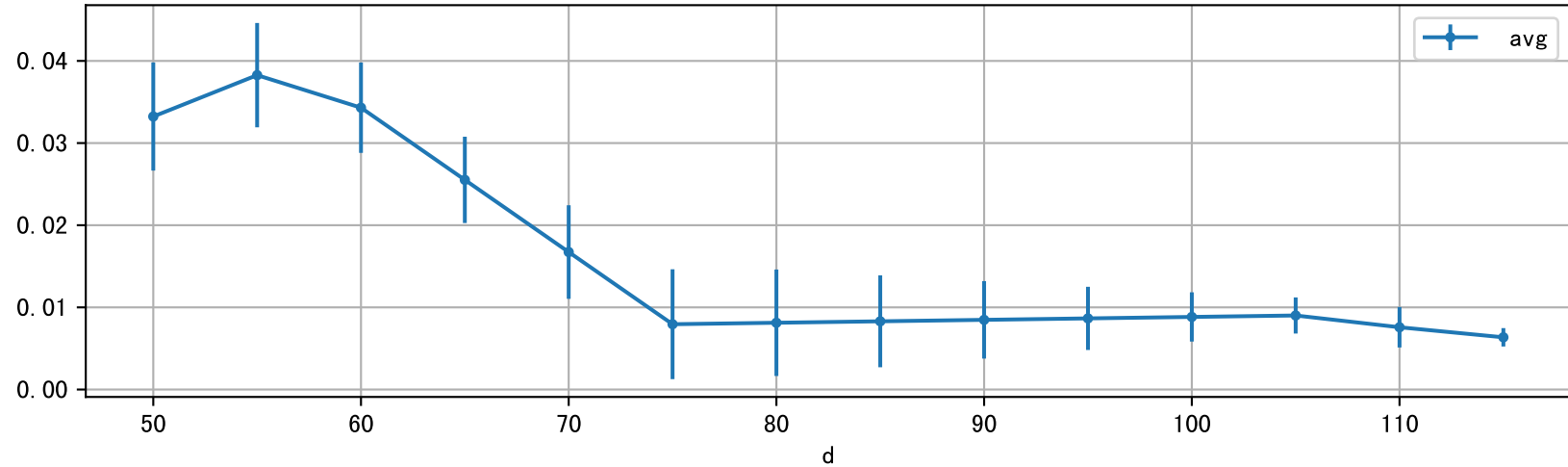




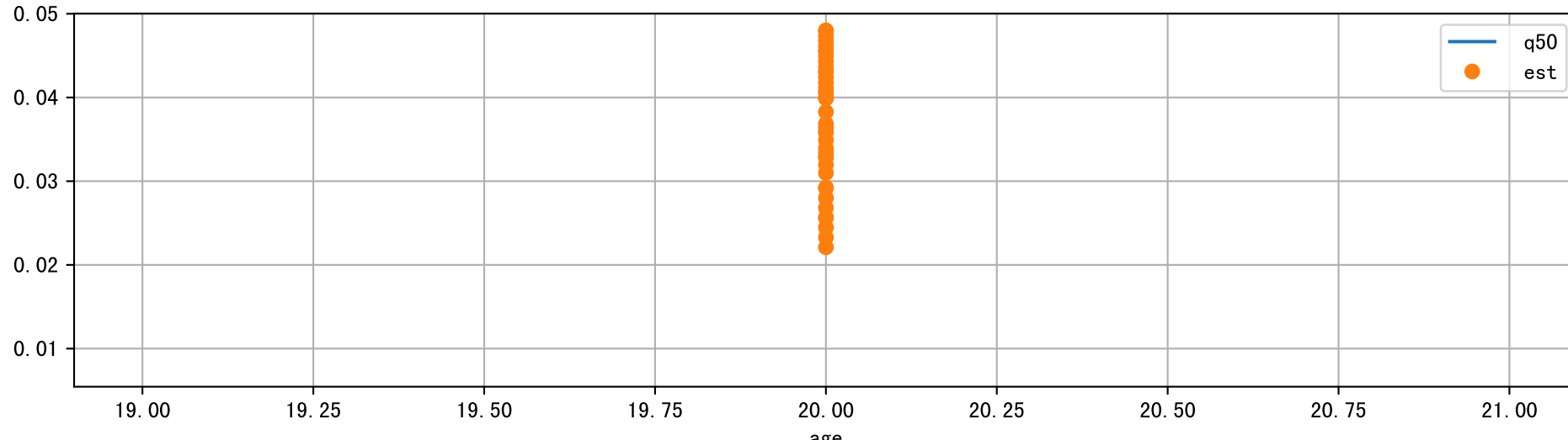


LfA: avg vs. d at each age group

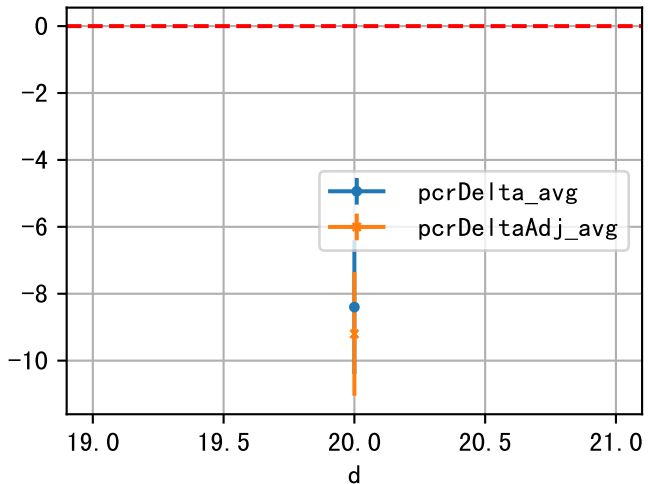
age=20



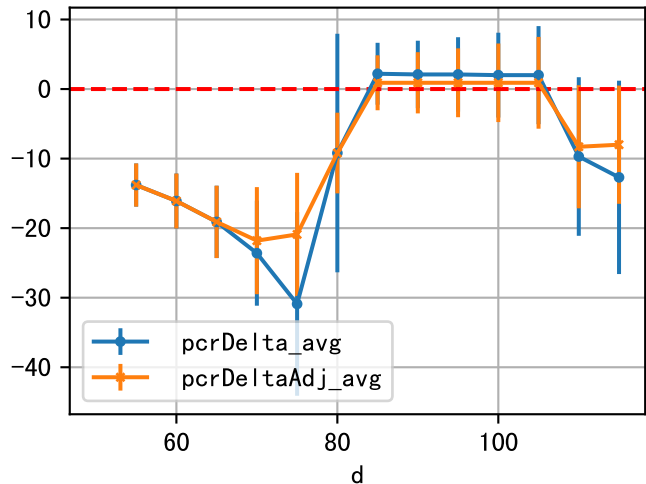
LfA: model est vs obs0v@Q50



DeltaTypeAbbr=GrpByAge

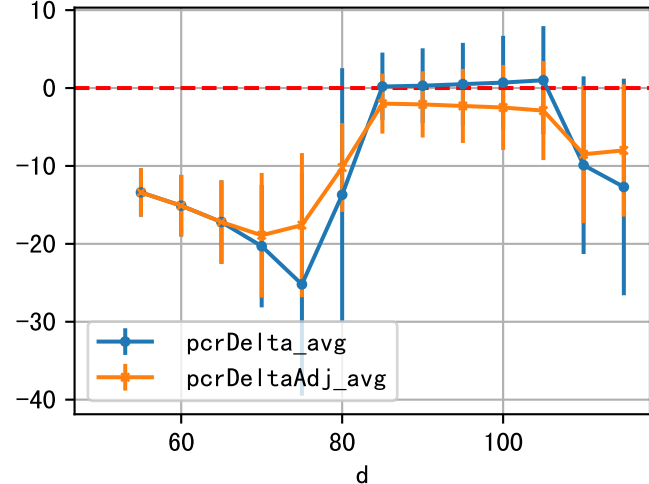


DeltaTypeAbbr=GrpByDay

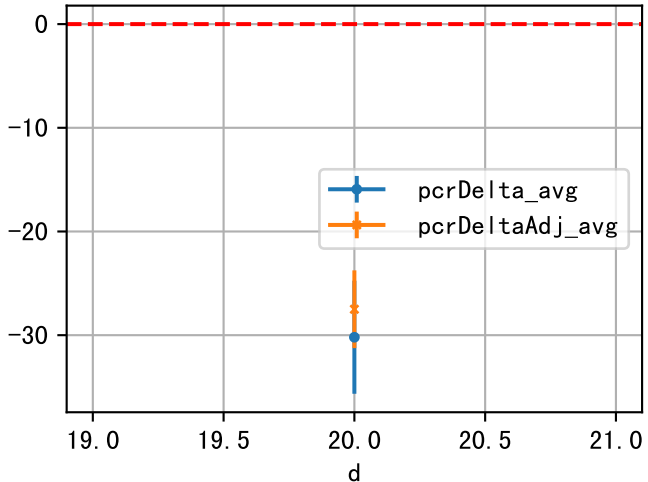


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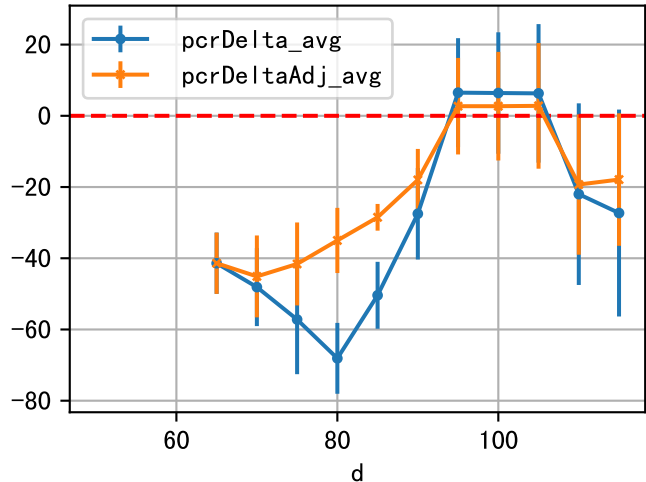
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

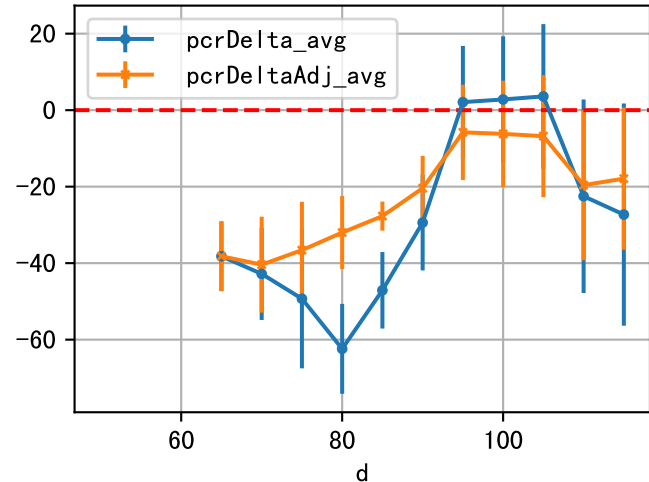


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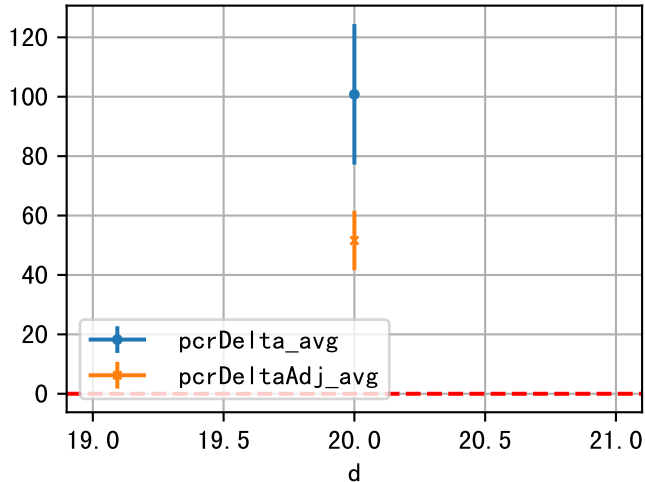


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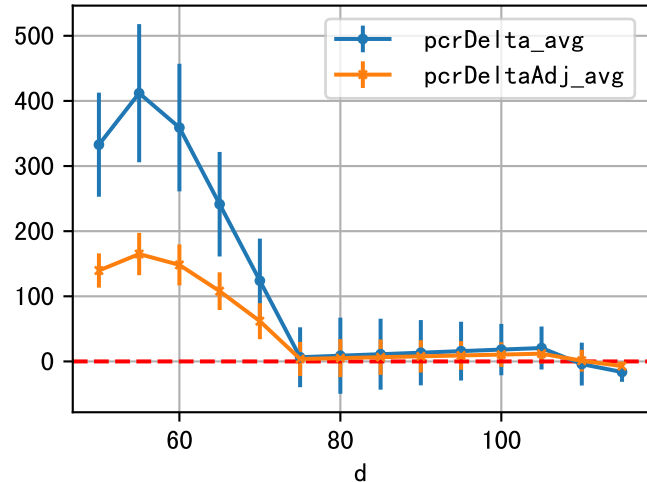
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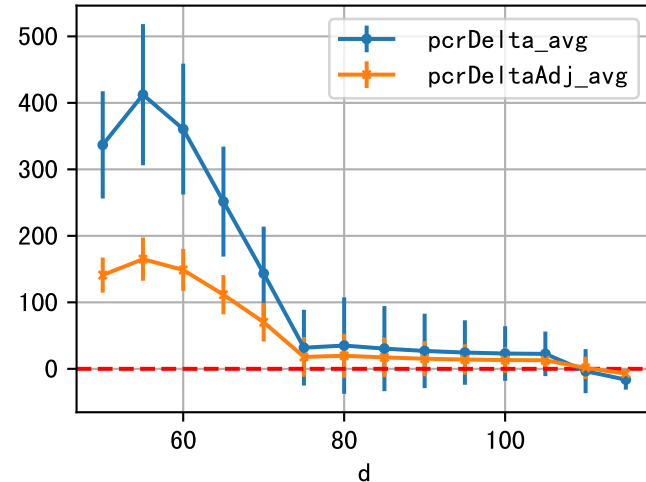
DeltaTypeAbbr=GrpByAge



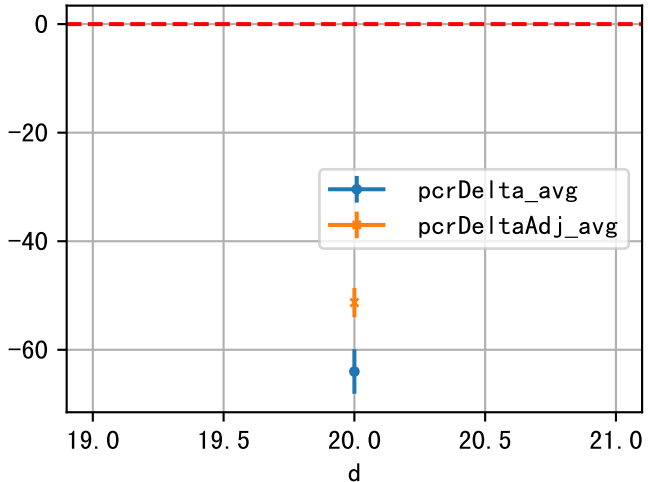
DeltaTypeAbbr=GrpByDay



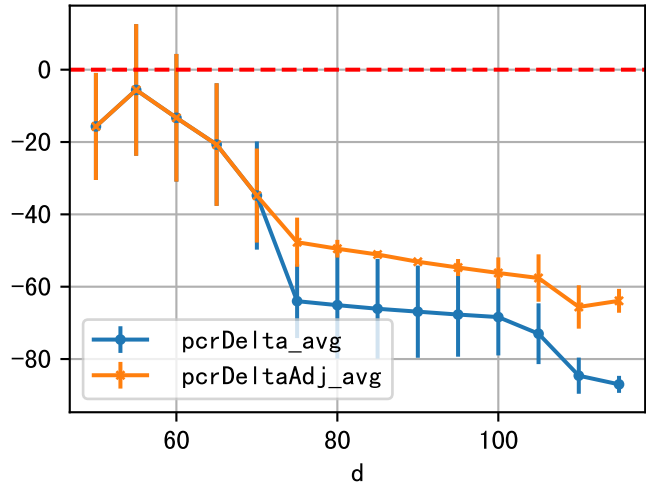
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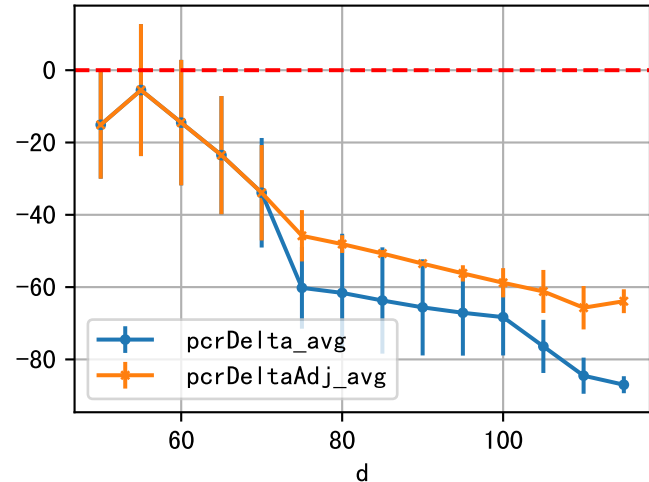
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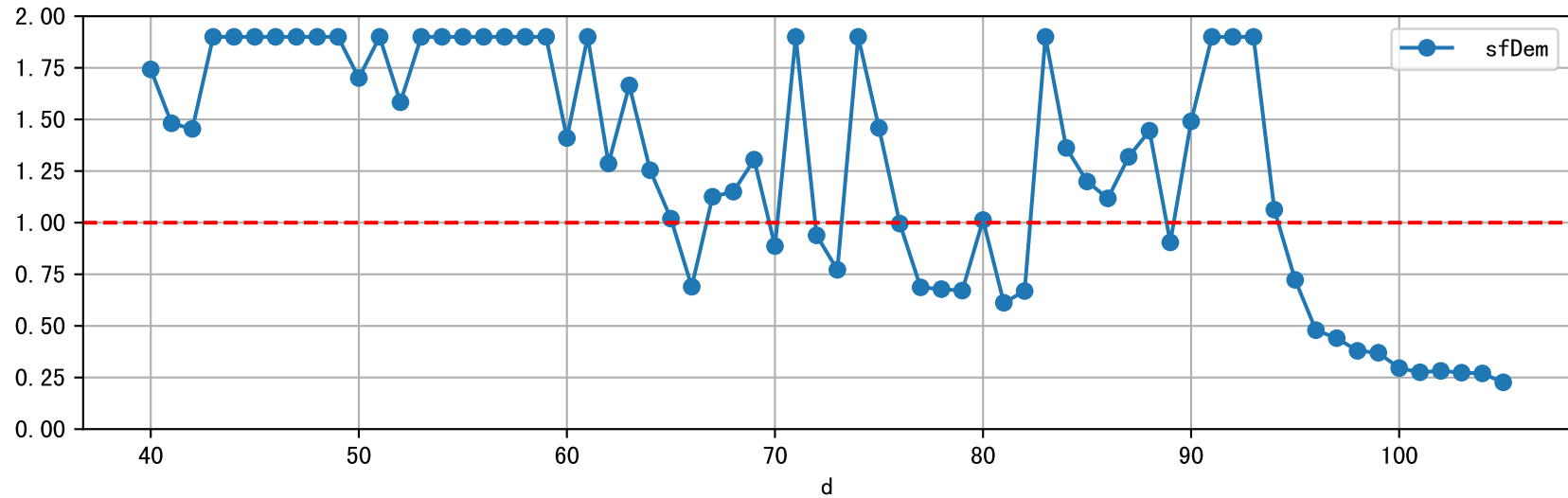
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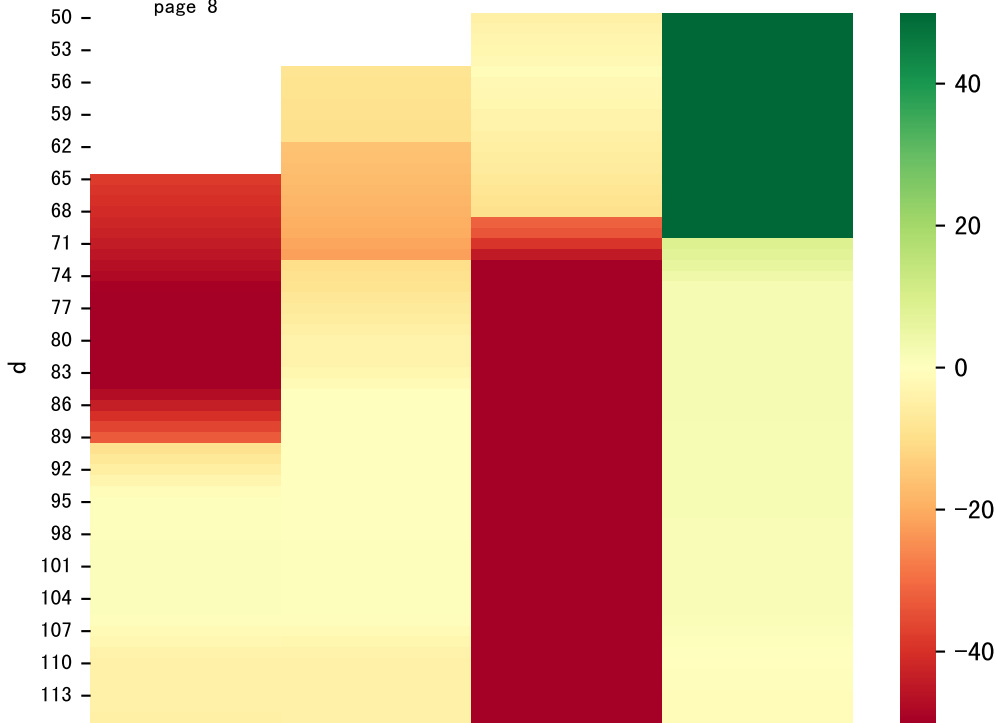


DeltaTypeAbbr=Wei AvgByD



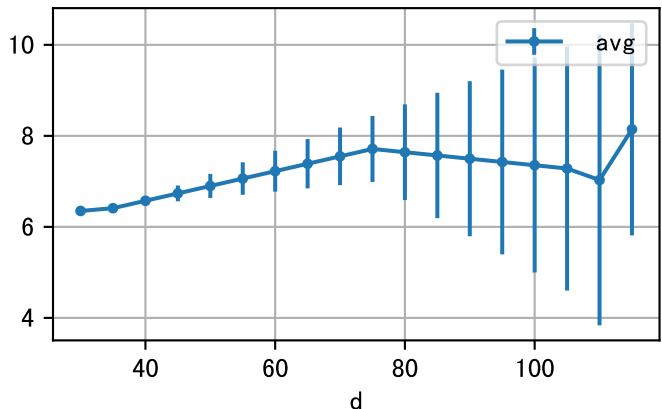
LfA: sfDem



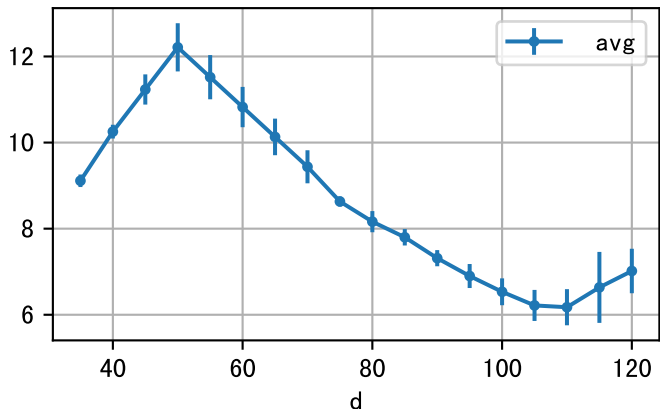


NdD: avg vs. d ateach age group

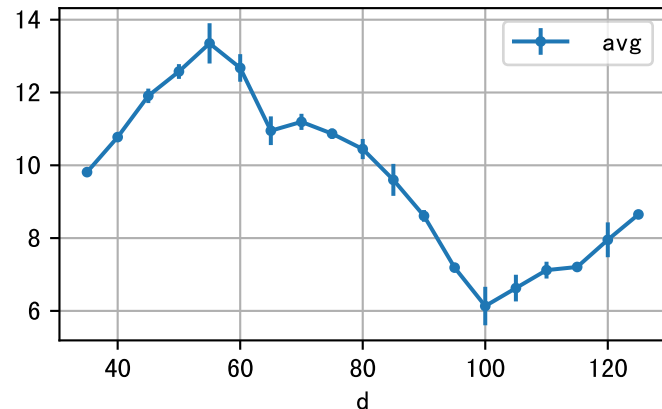
age=15



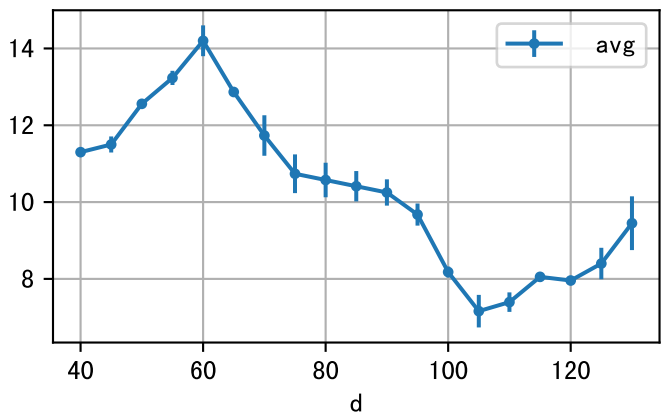
age=20



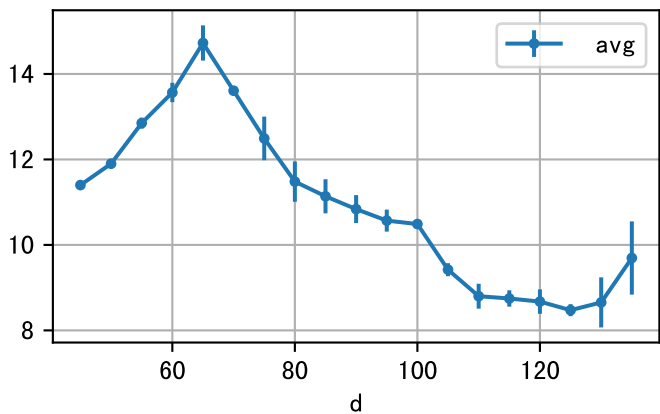
age=25



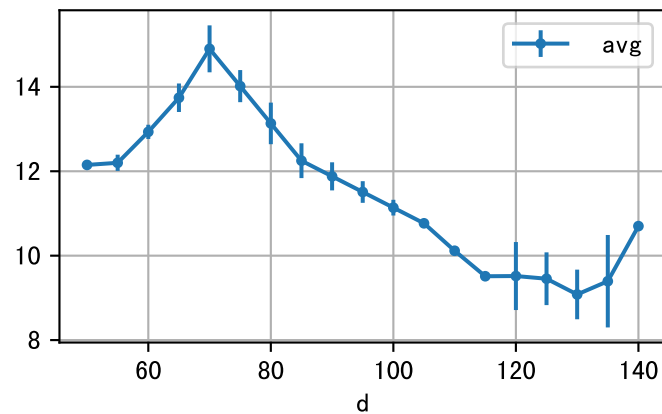
age=30



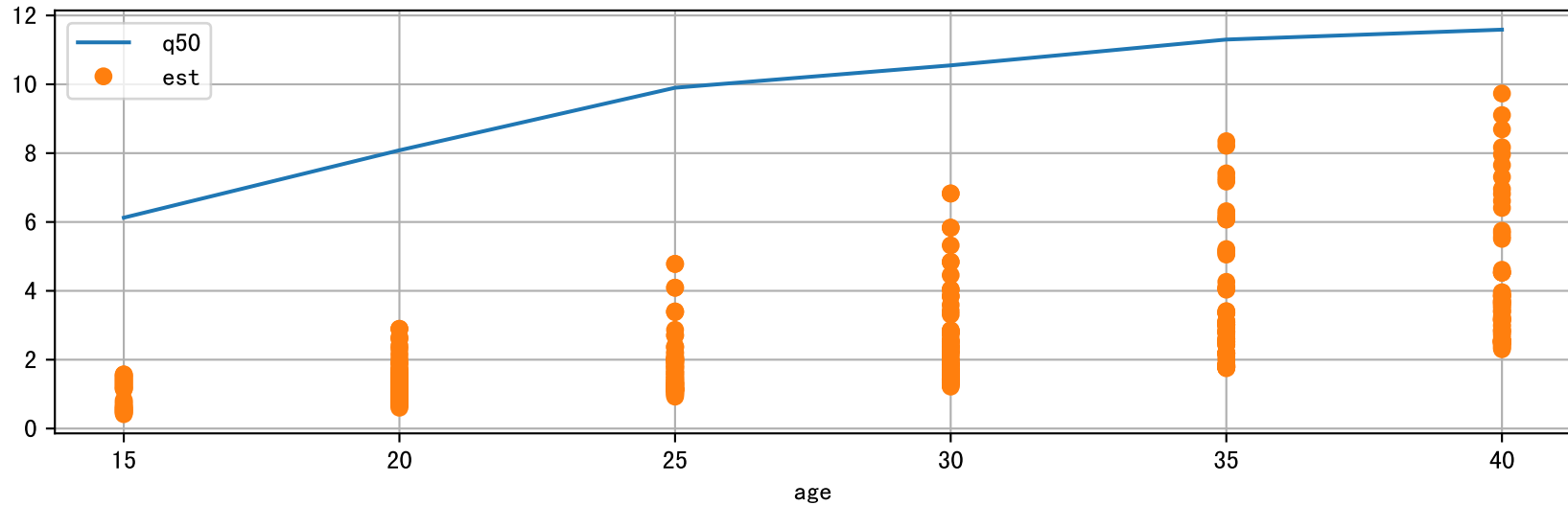
age=35



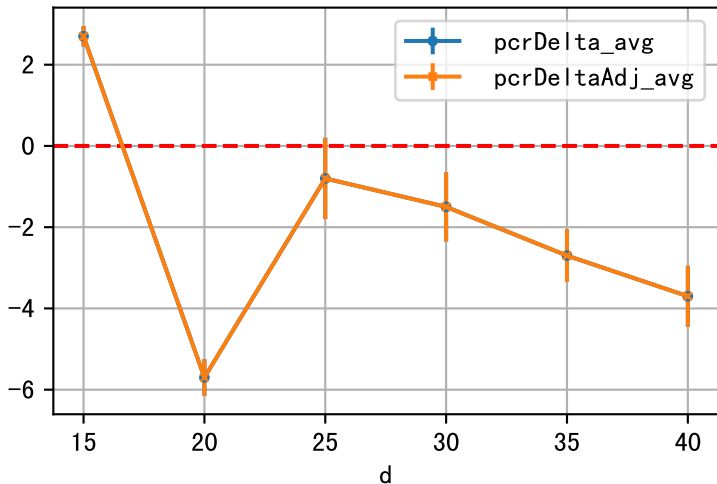
age=40



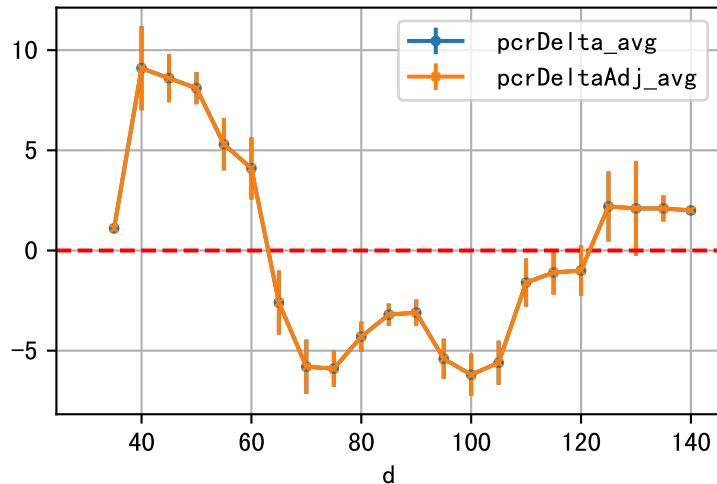
NdD: model est vs obs0v@Q50



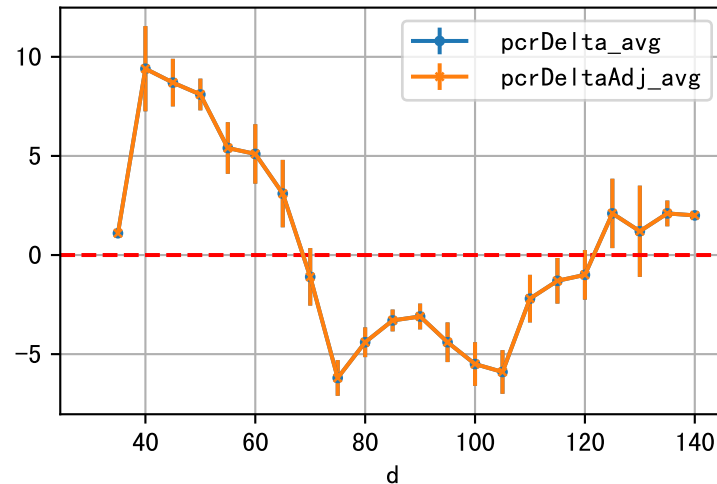
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

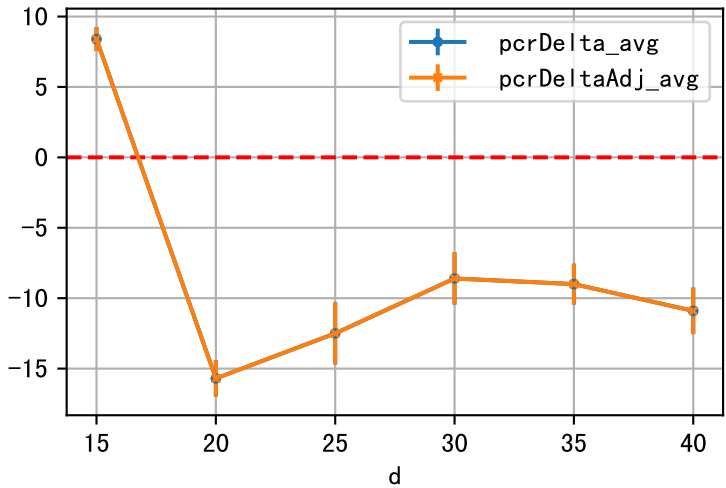


DeltaTypeAbbr=Wei AvgByD

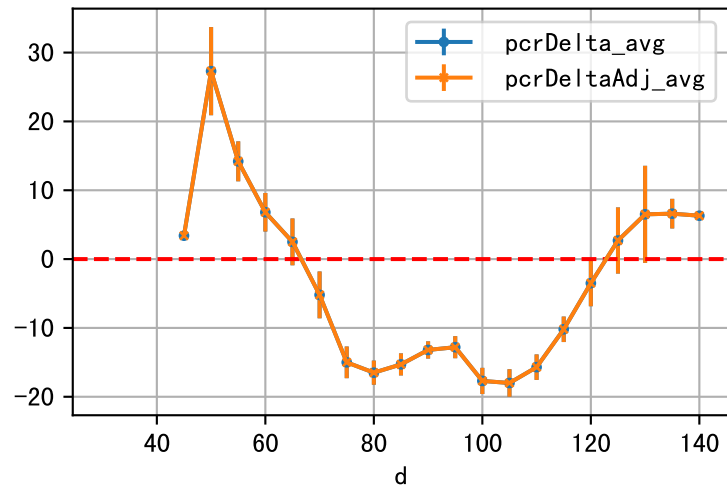


P10AW NdD: D_15d_NdD

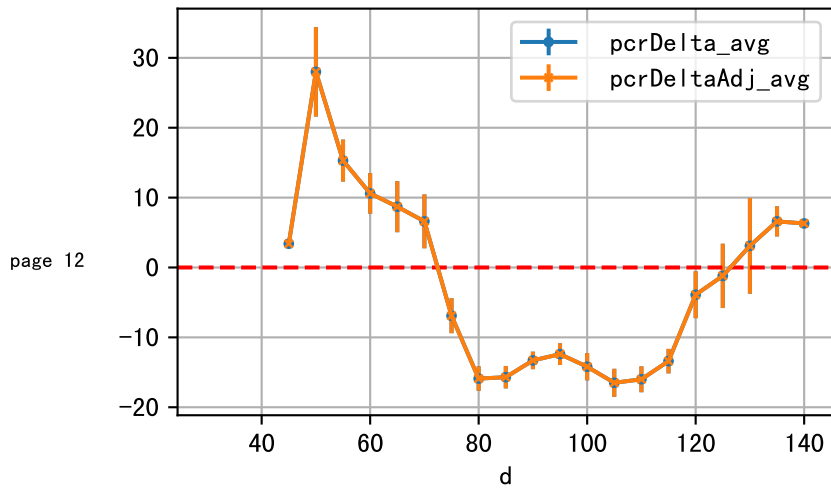
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

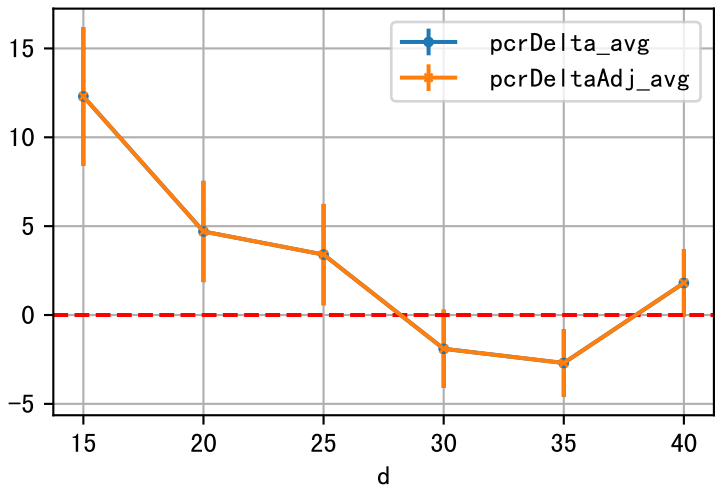


DeltaTypeAbbr=Wei AvgByD

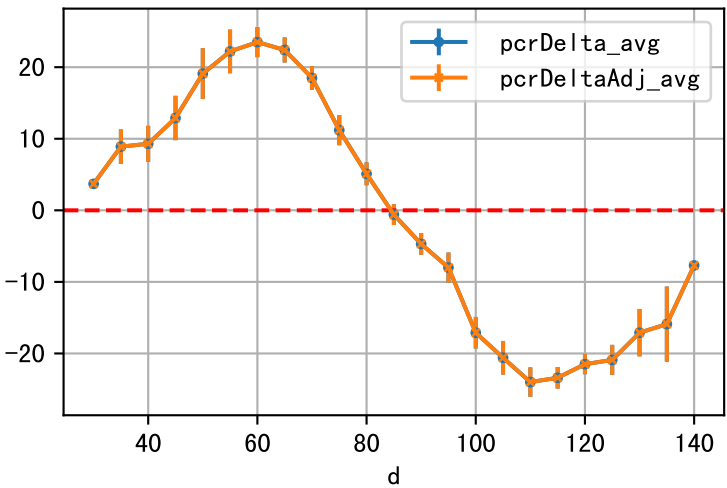


P10AW NdD: D_Q50_NdD

DeltaTypeAbbr=GrpByAge

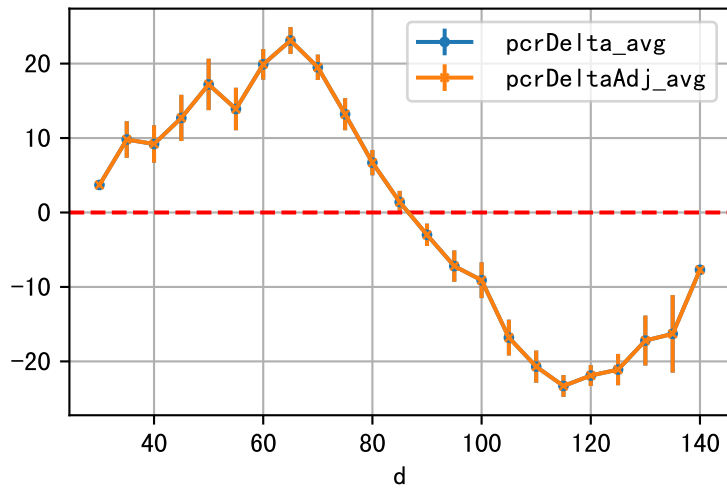


DeltaTypeAbbr=GrpByDay



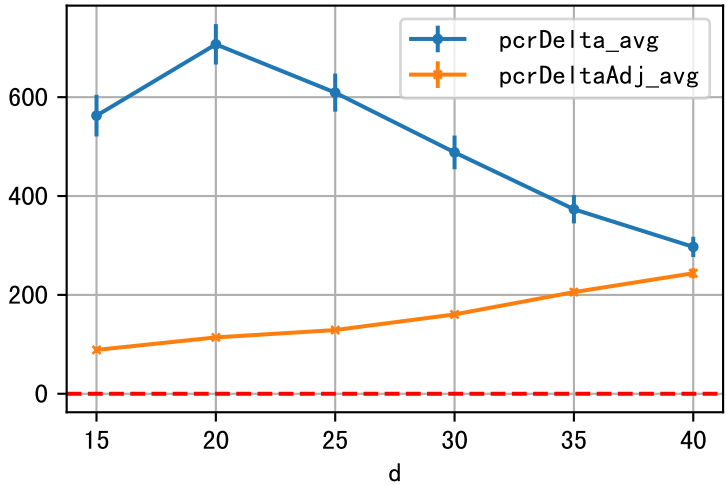
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DeltaTypeAbbr=Wei AvgByD

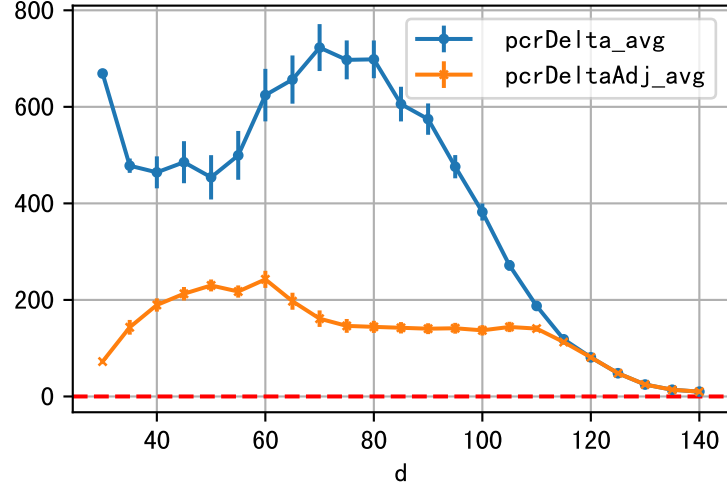


P10AW NdD: D_Est_NdD

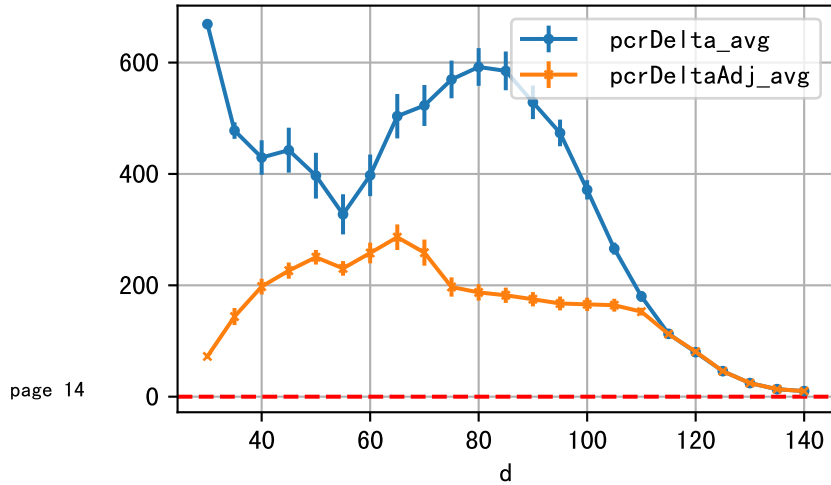
DeltaTypeAbbr=GrpByAge



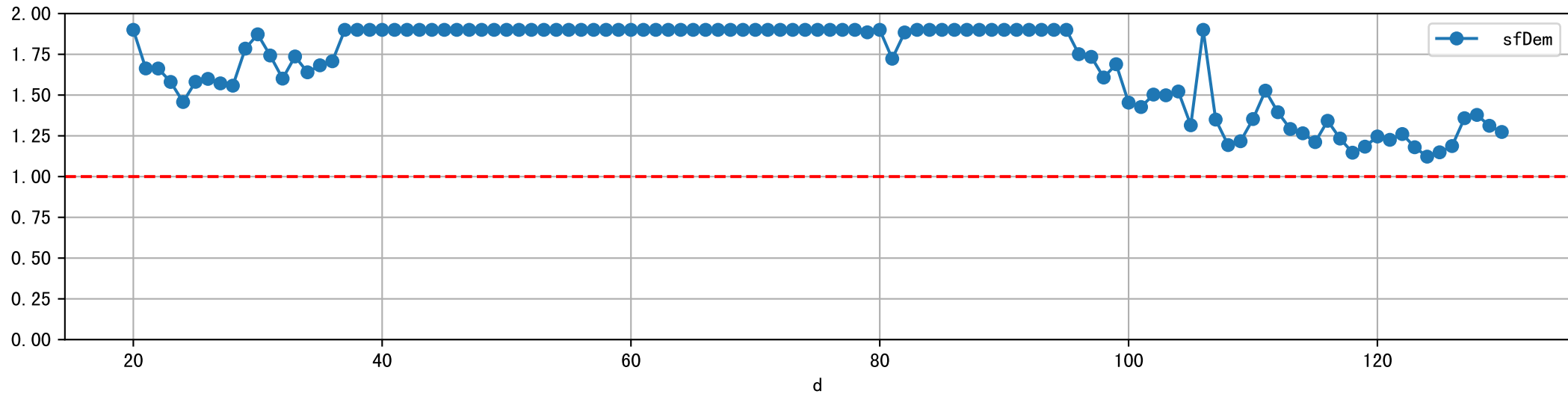
DeltaTypeAbbr=GrpByDay

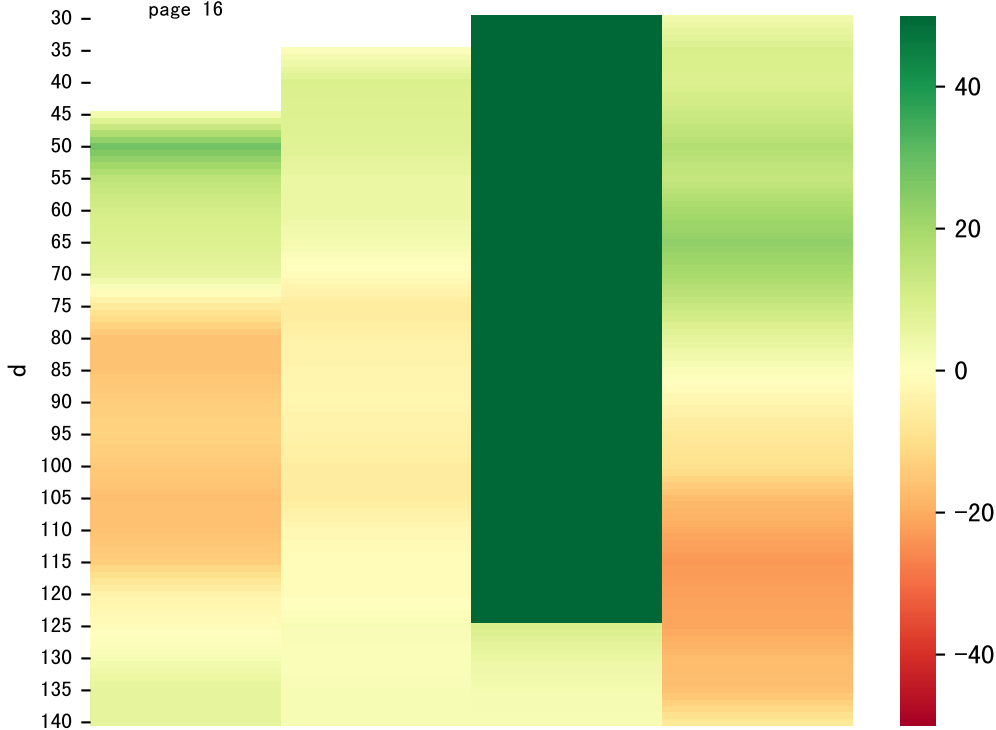


DeltaTypeAbbr=Wei AvgByD

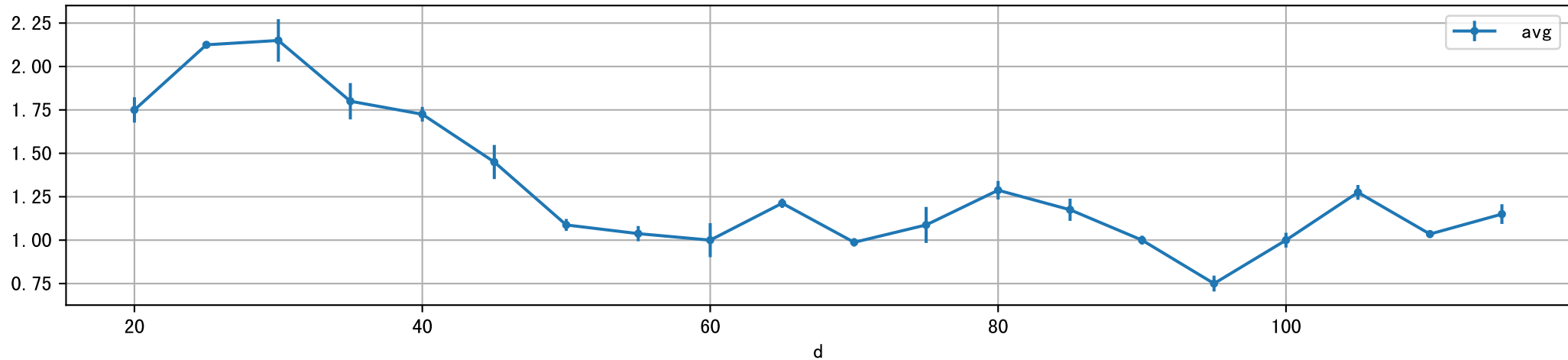


NdD: sfDem

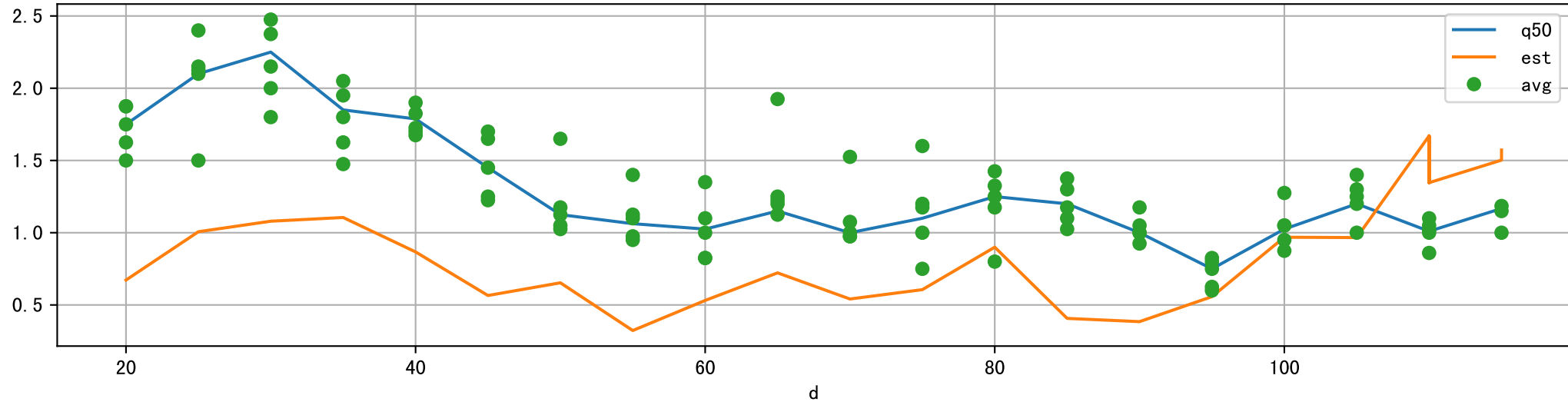




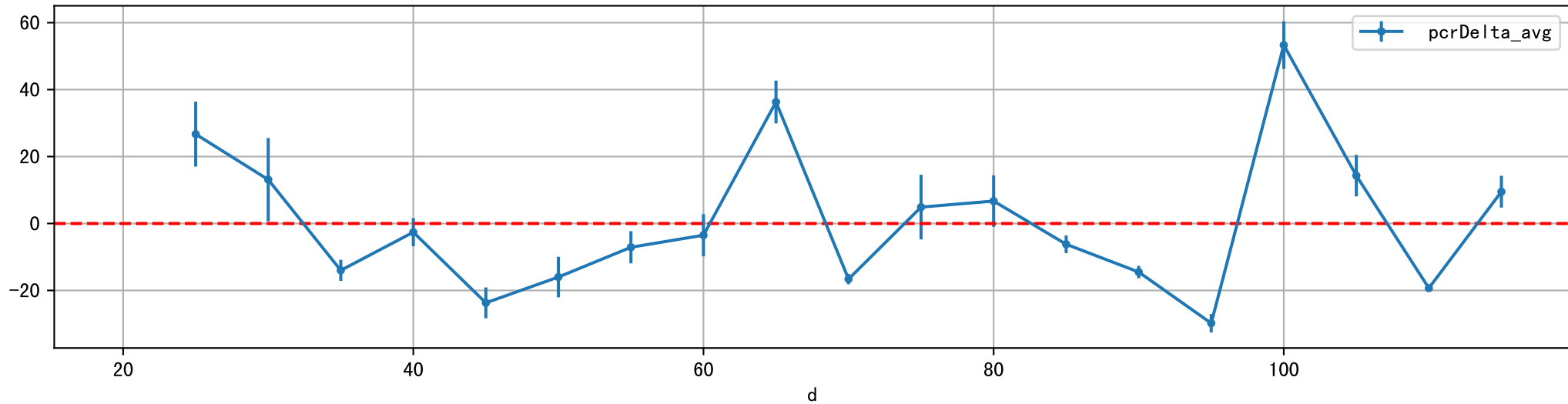
dStH: avg vs. d



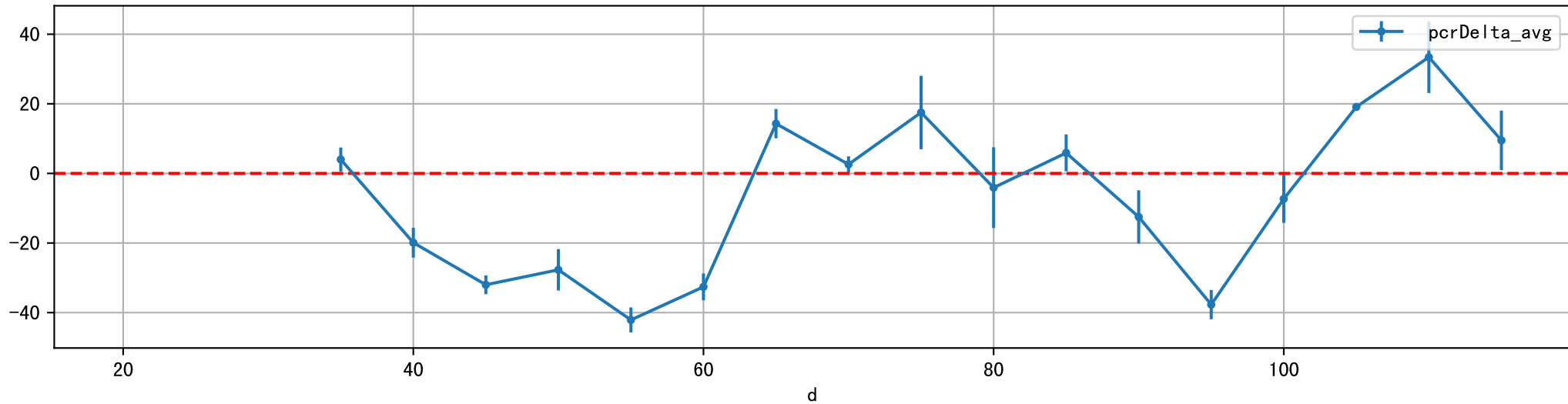
dStH: obsAvg vs obs0v@Q50



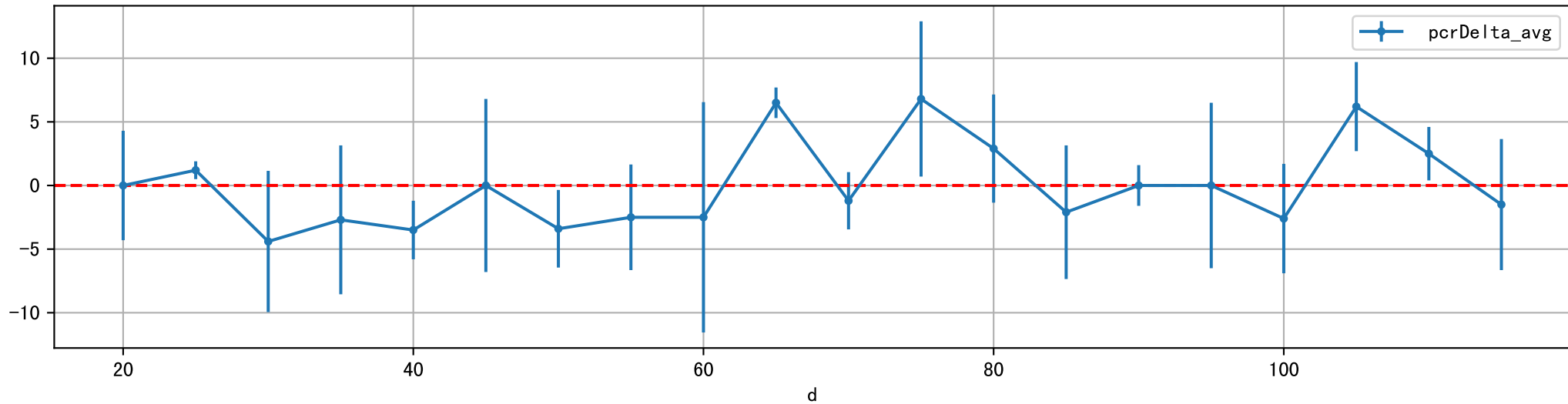
dStH: D_5d_StH



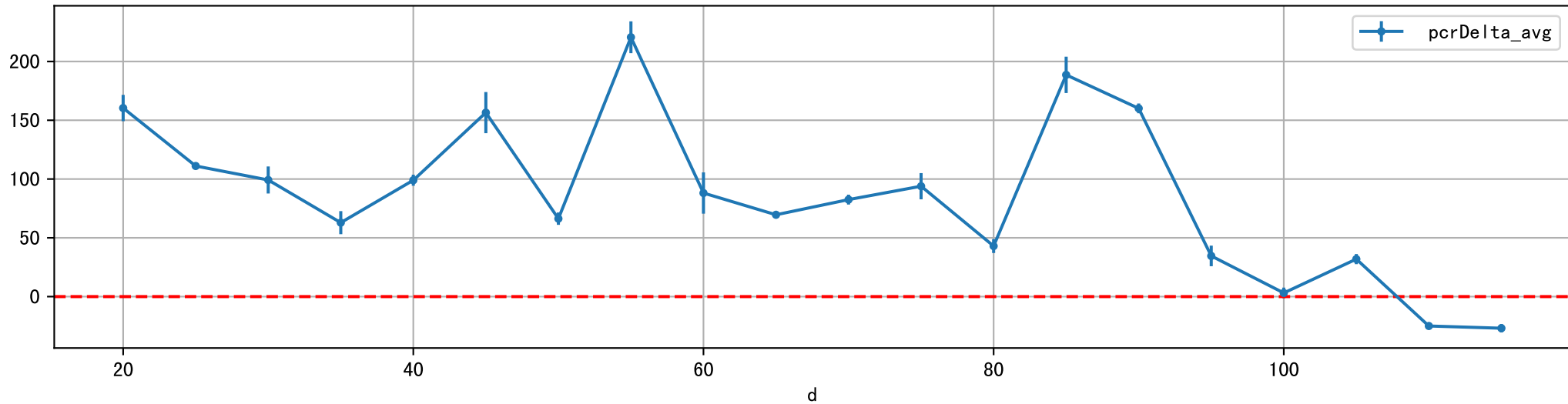
dStH: D_15d_StH



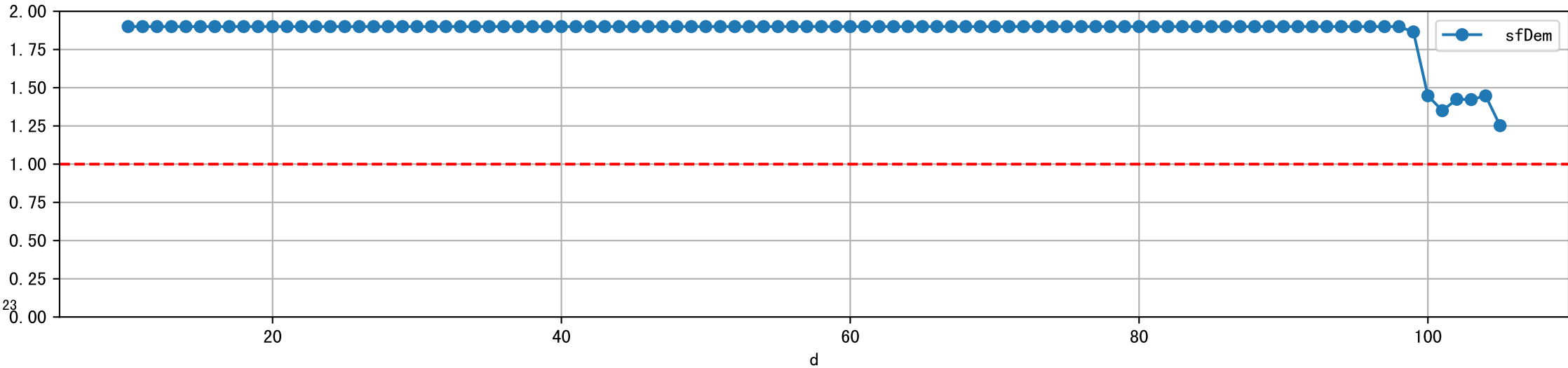
dStH: D_Q50_StH

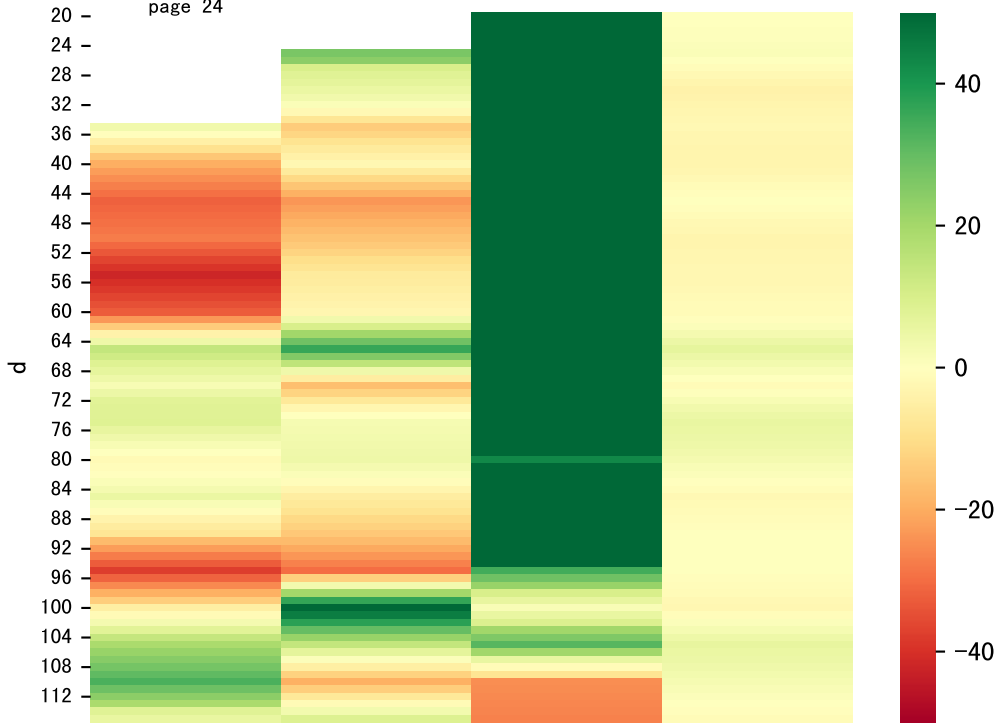


dStH: D_Est_StH



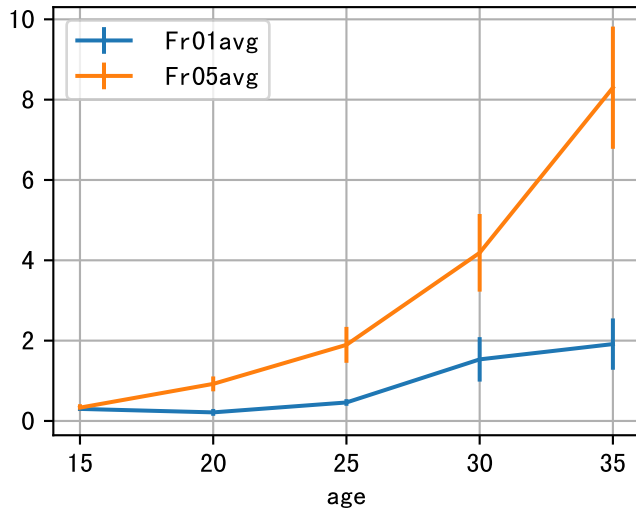
dStH: sfDem



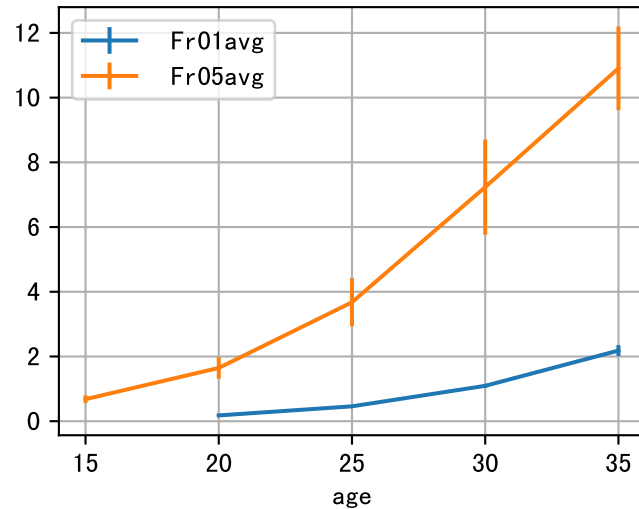


FrV: Fr01 vs Fr05 at each truss

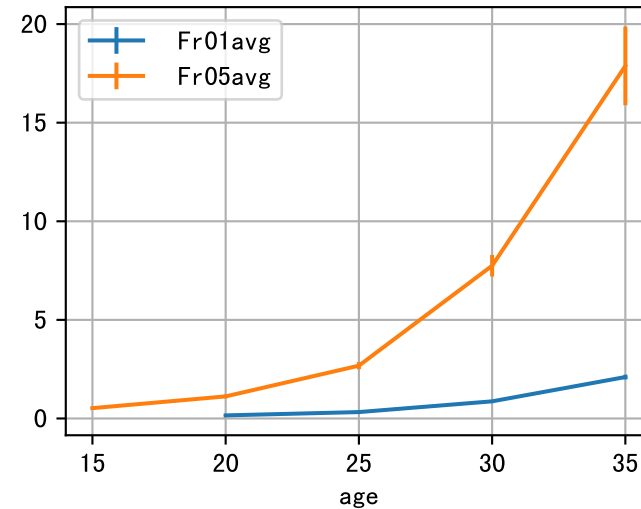
organID=T01



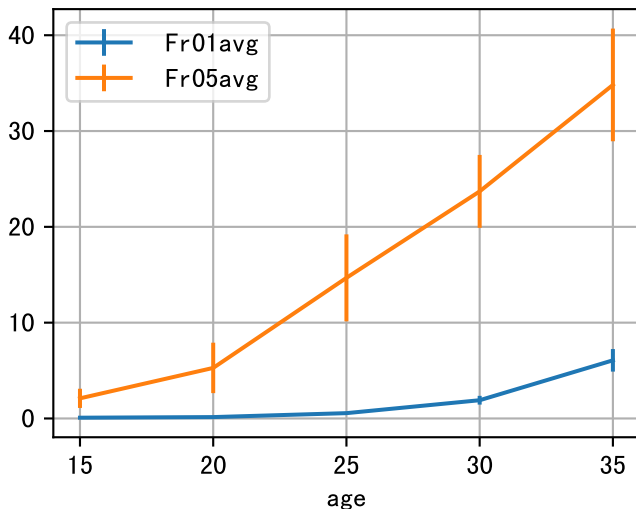
organID=T02



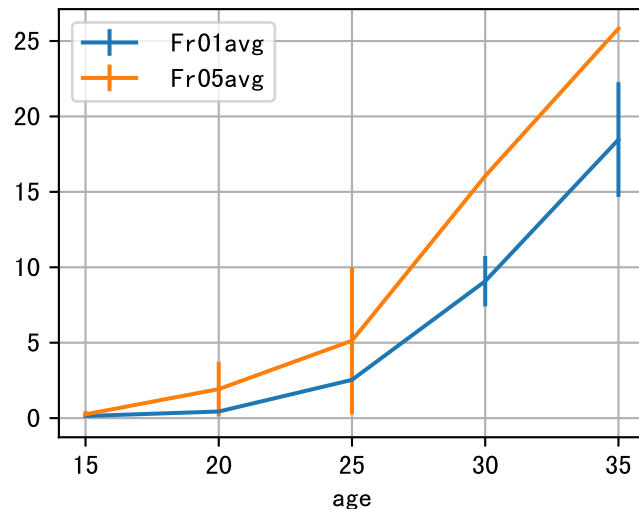
organID=T03



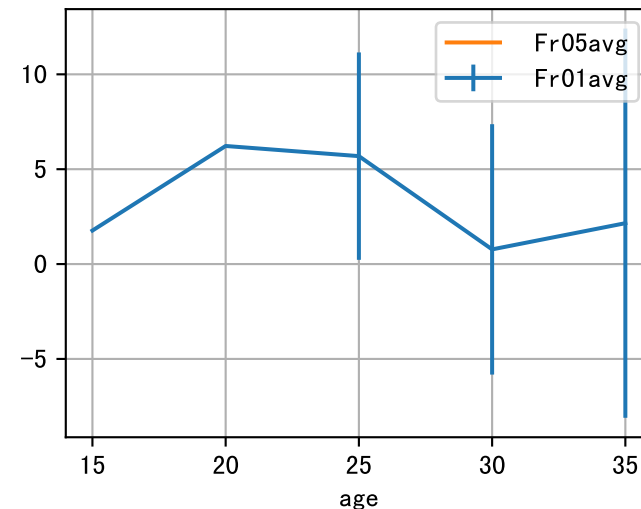
organID=T04



organID=T05

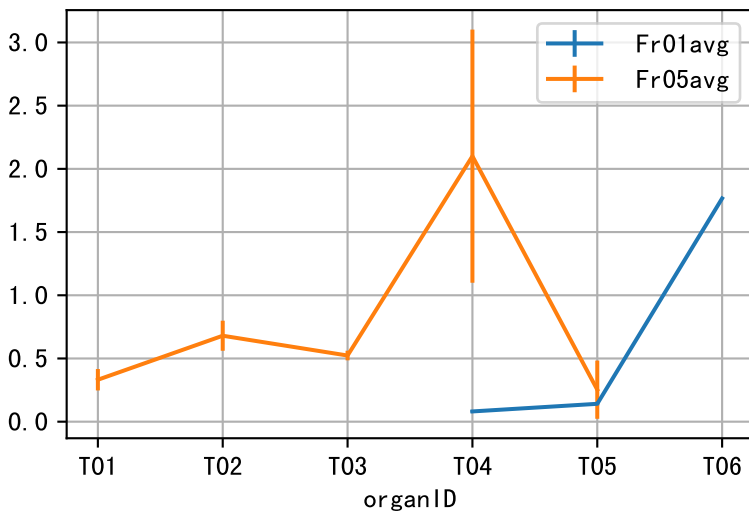


organID=T06

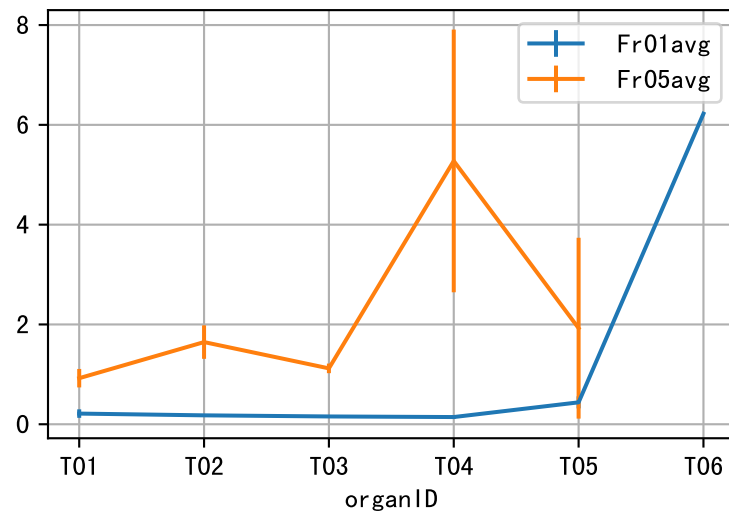


FrV trend at each age

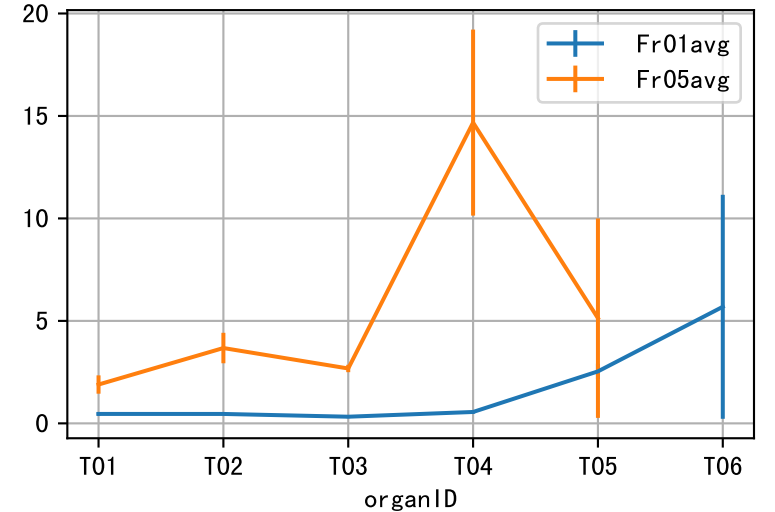
age=15



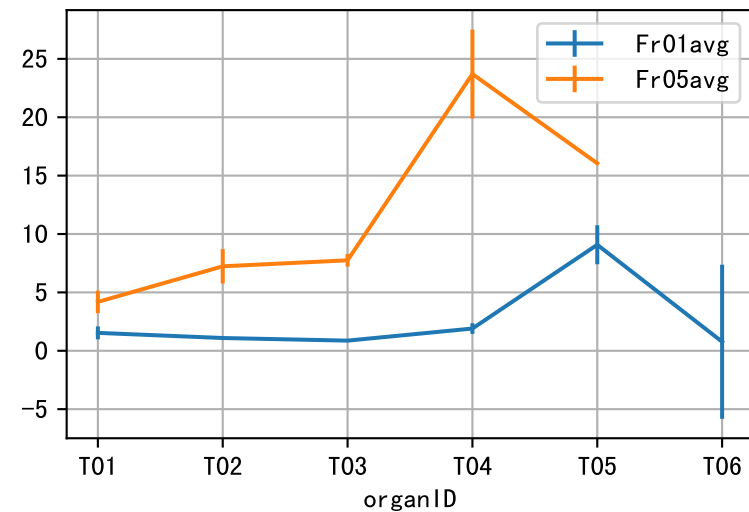
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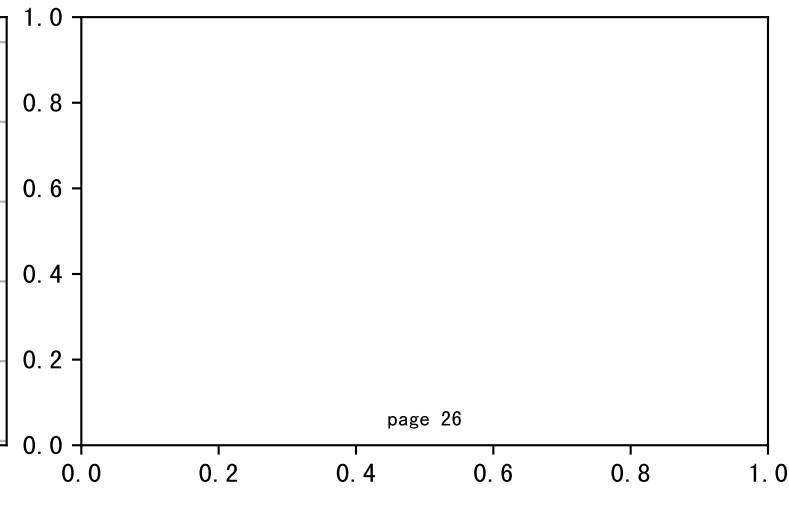
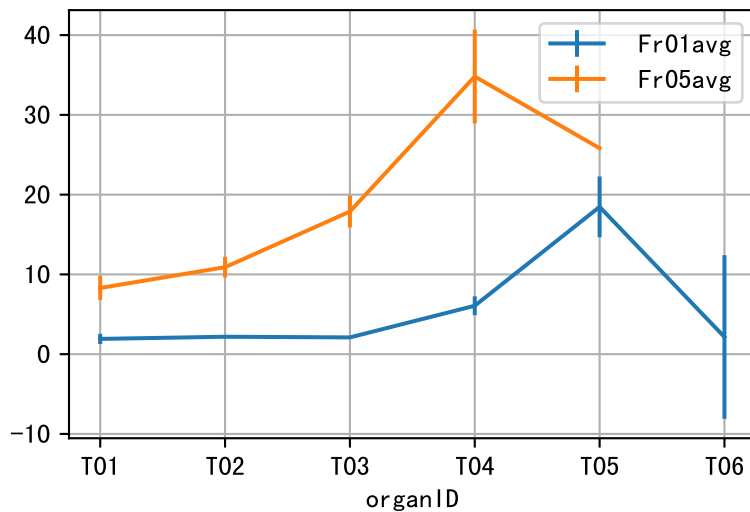
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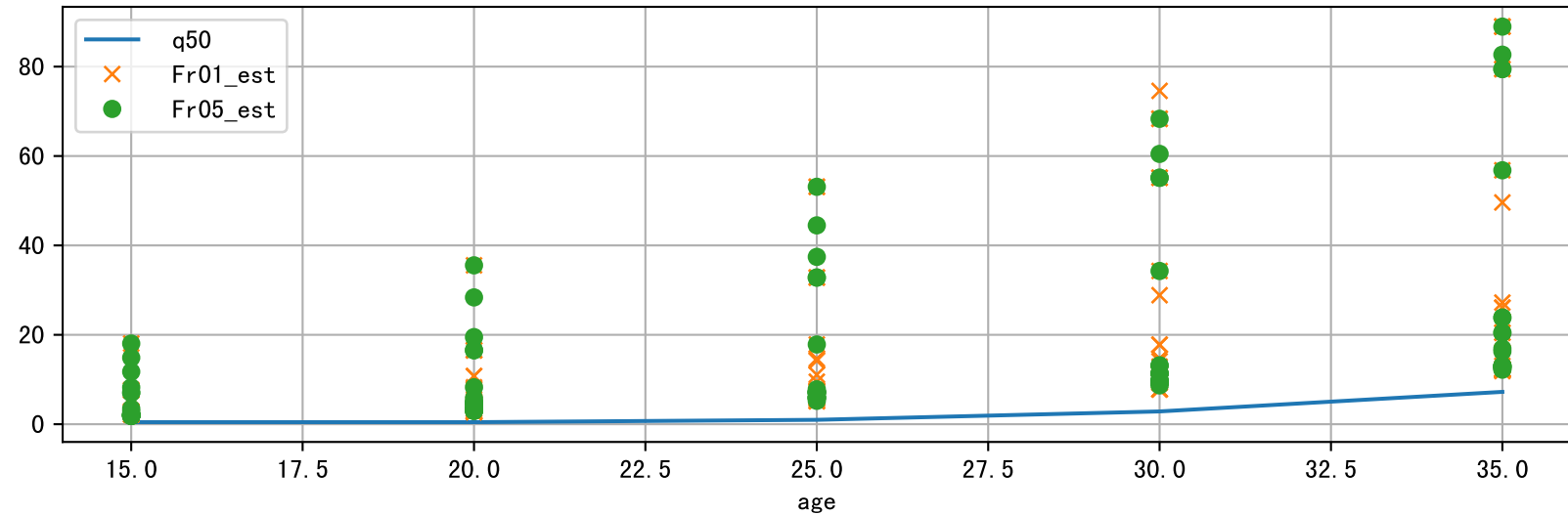
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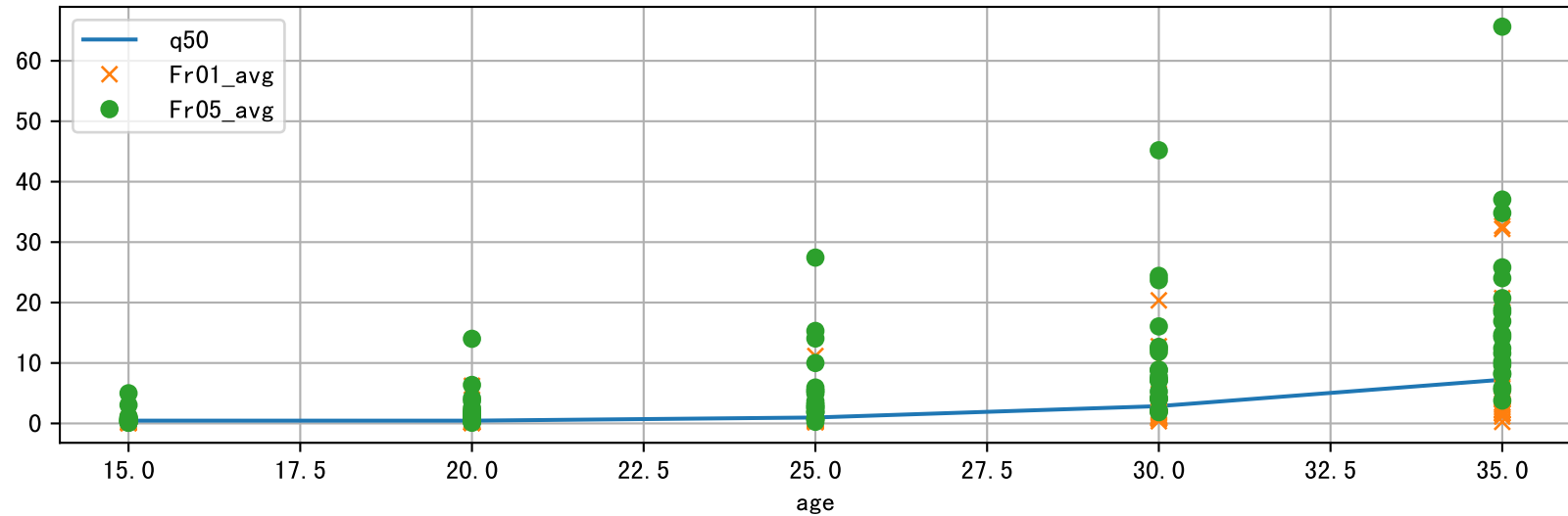
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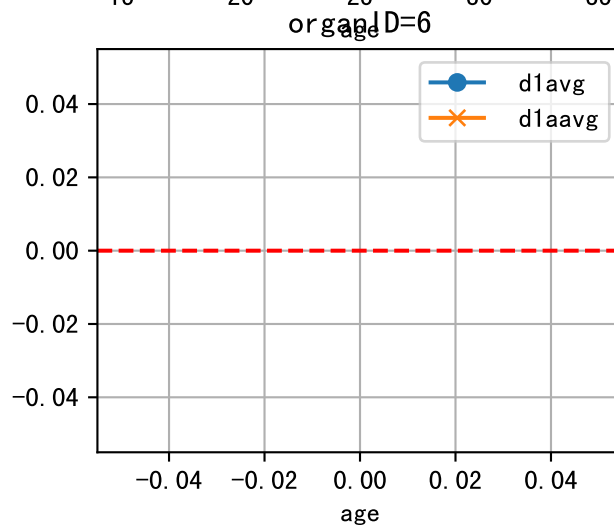
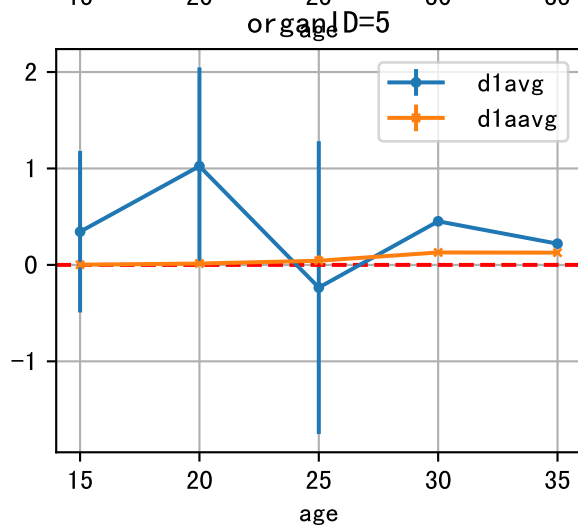
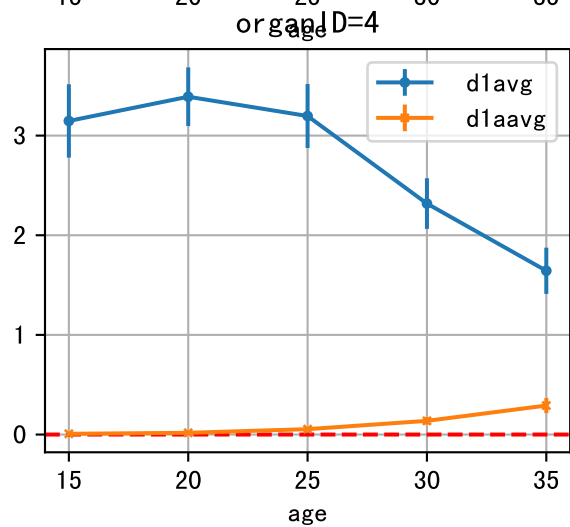
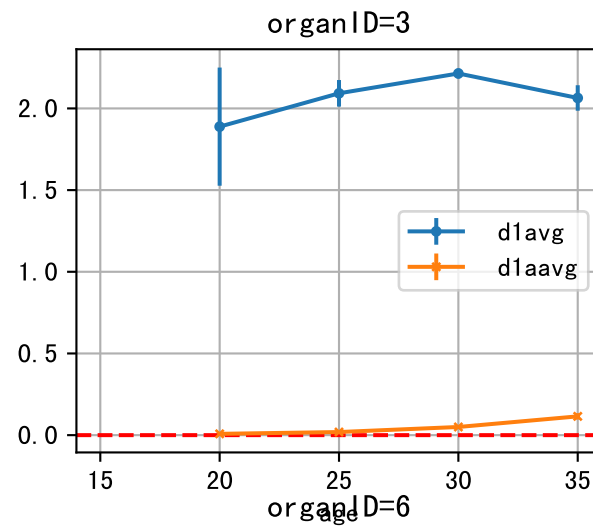
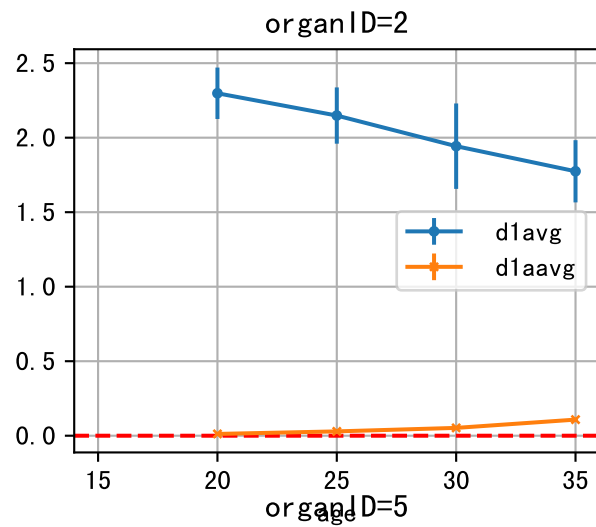
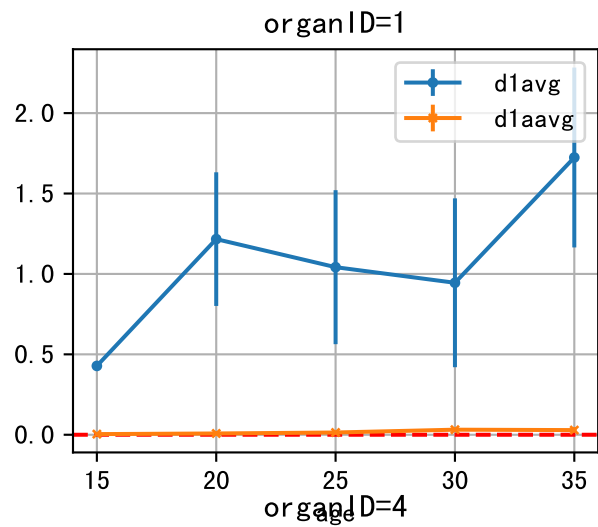
FrV: model Est vs obsFrV at Q90



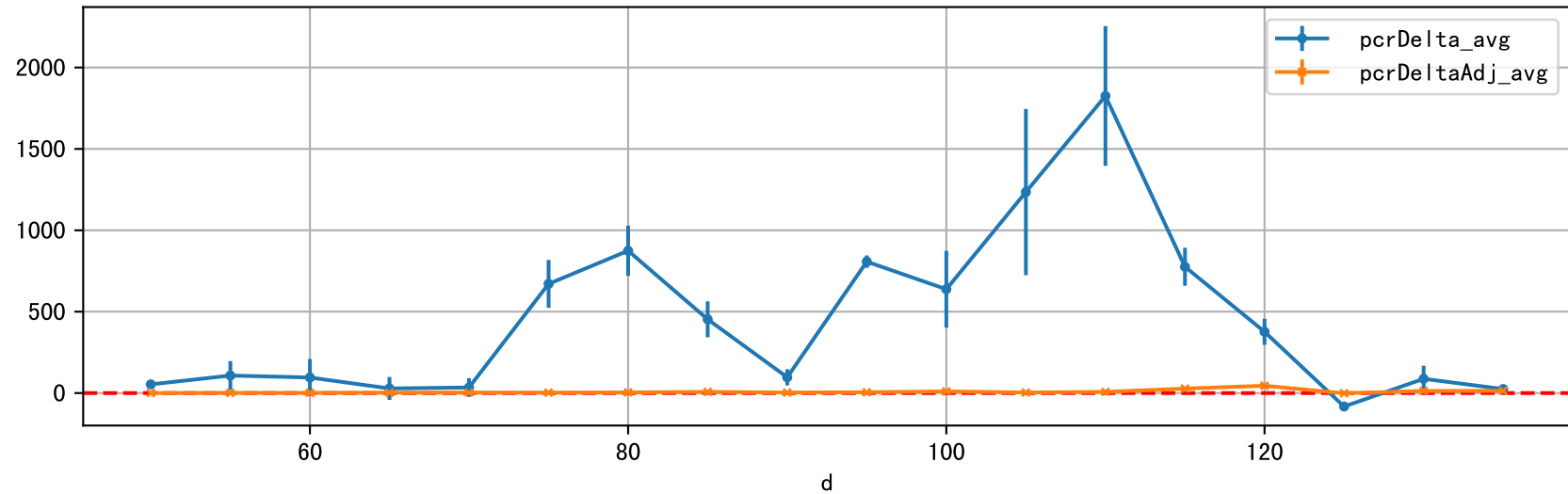
FrV: obsFrV vs obsFrV@Q90



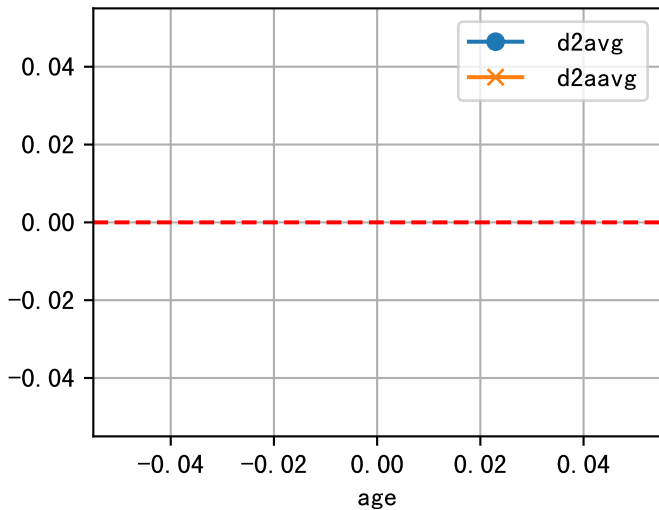
FrV: D_Fr1_FrV



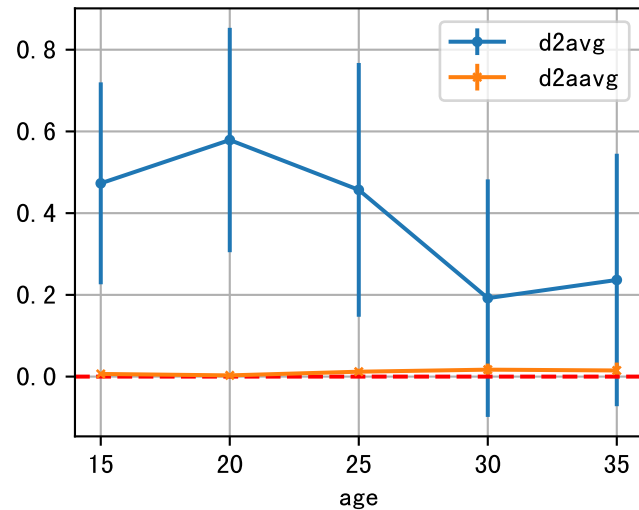
P10AW FrV: D_Fr1_FrV



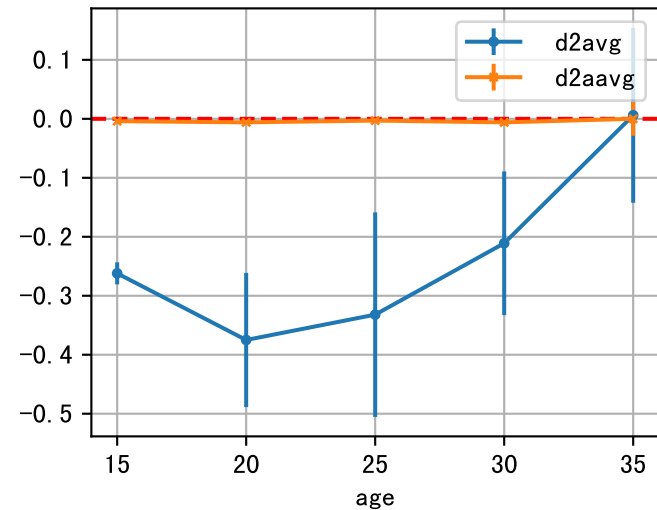
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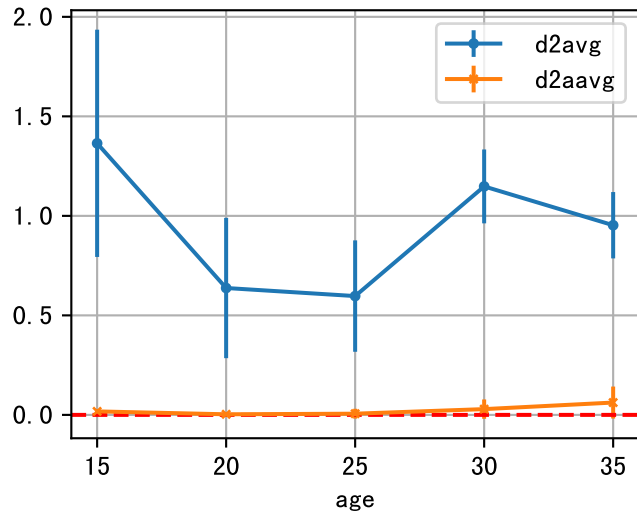
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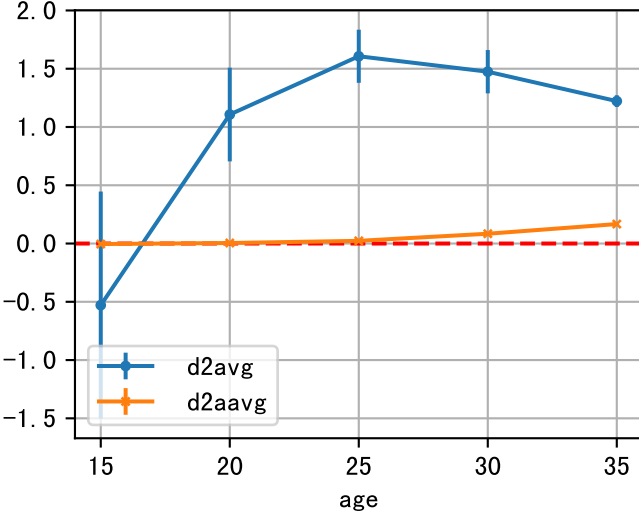
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organID=4

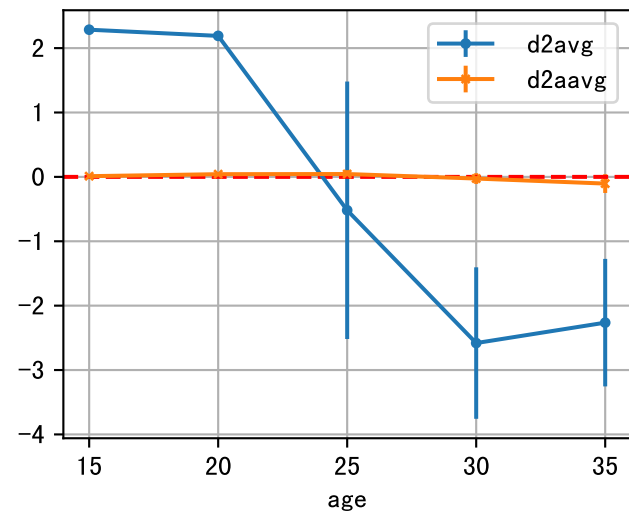


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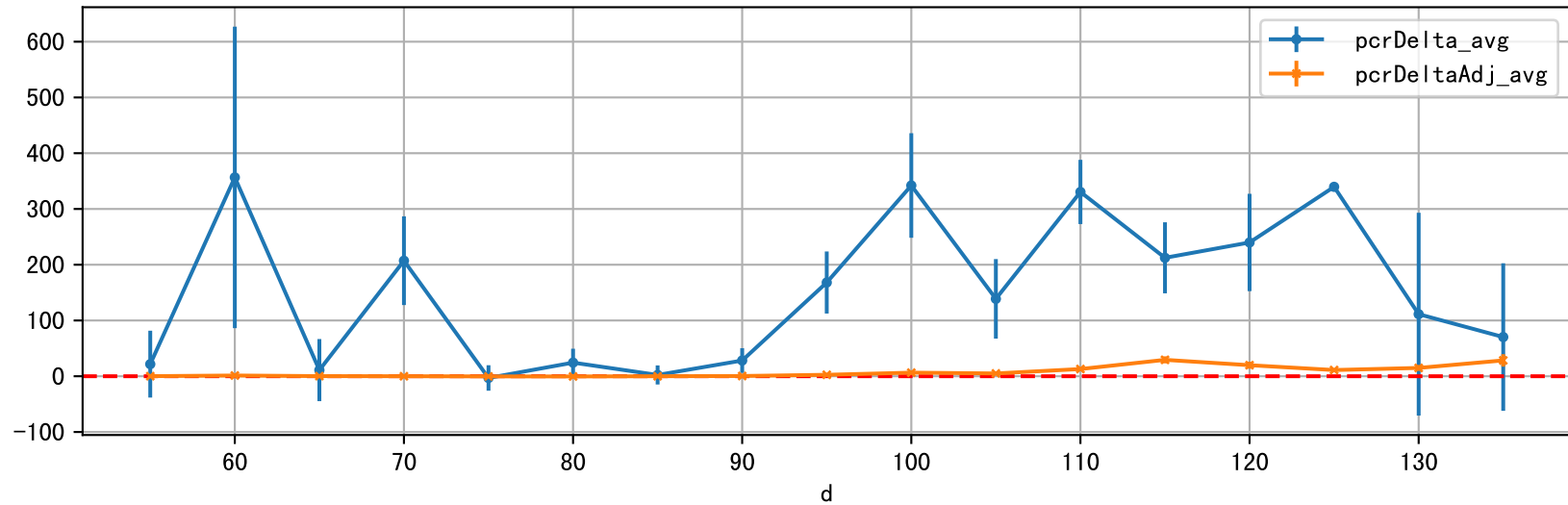


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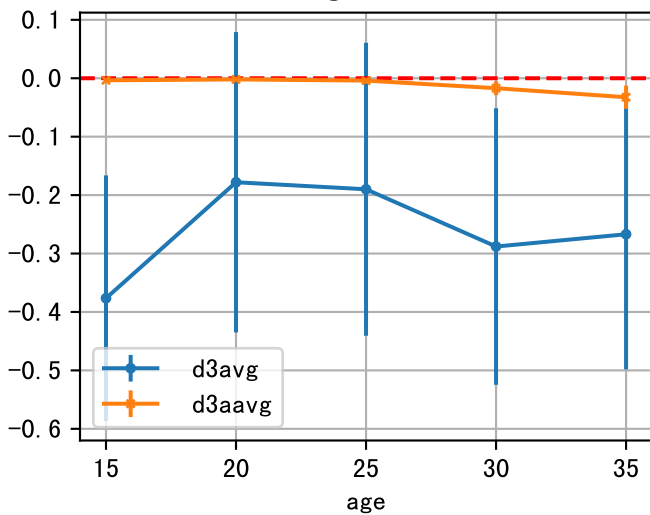
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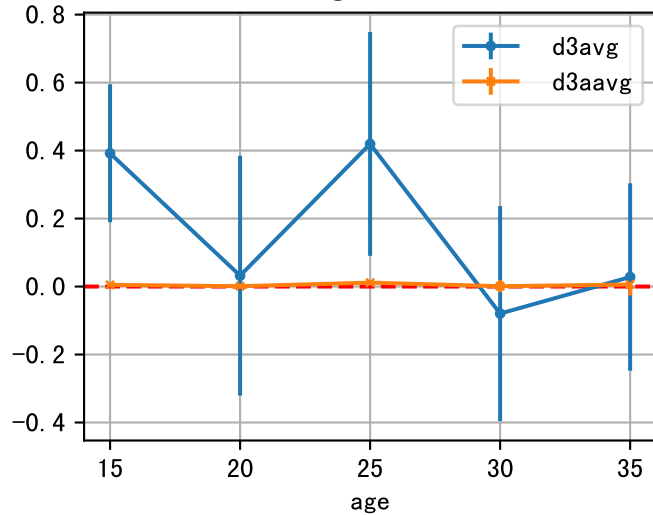
P10AW FrV: D_Ts_FrV



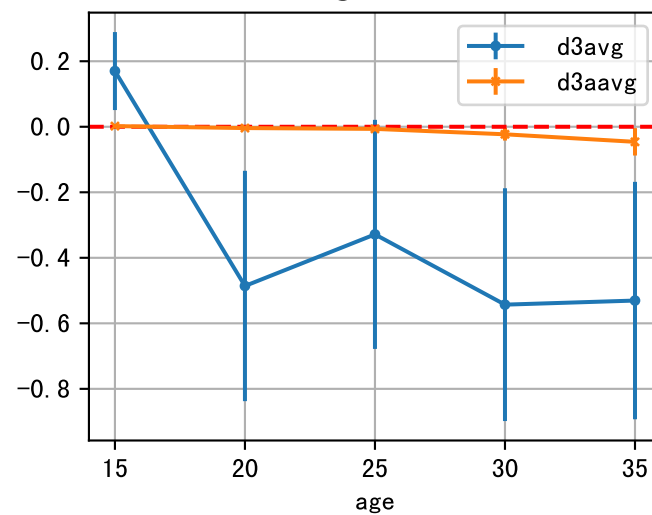
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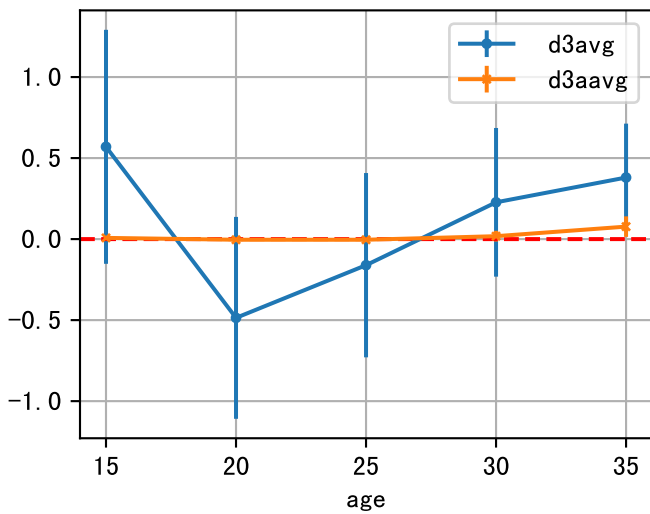
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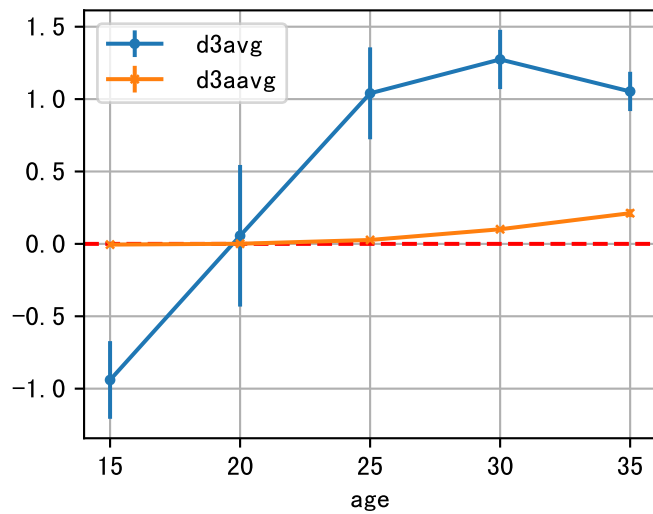
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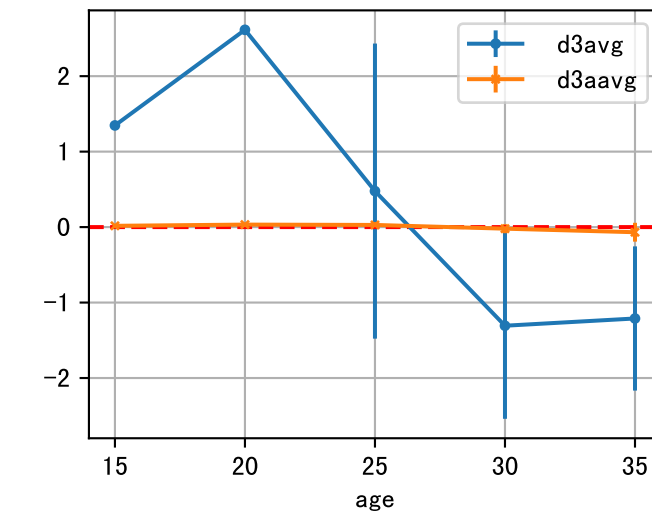


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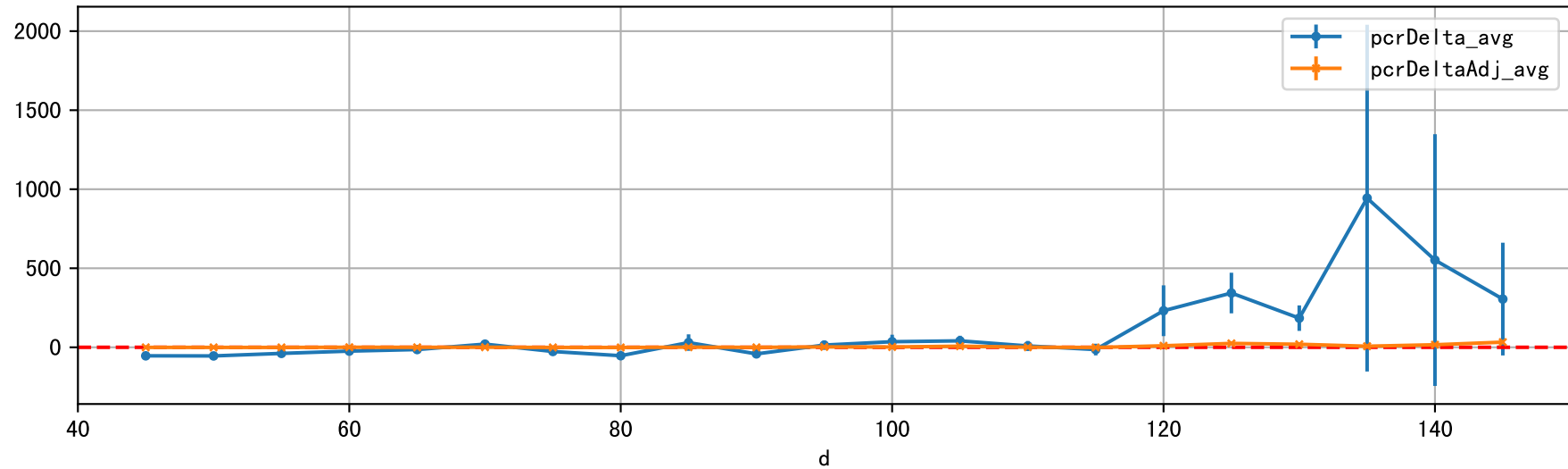


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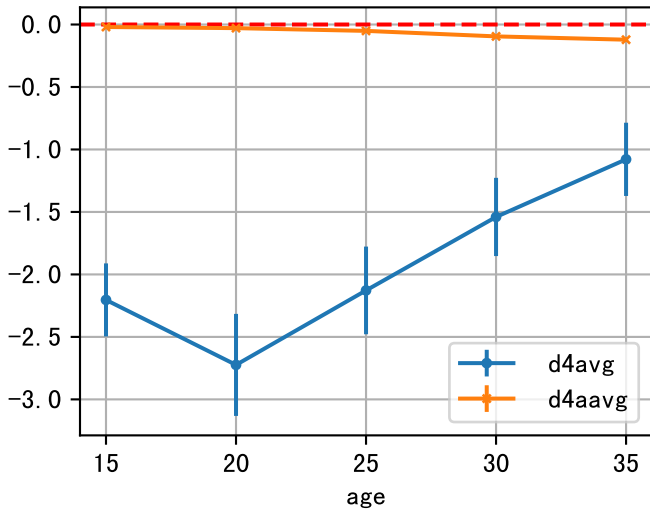
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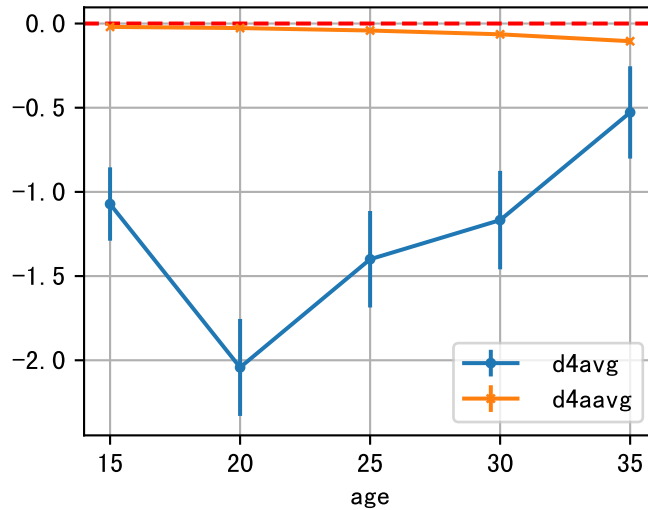
P10AW FrV: D_Q50_FrV



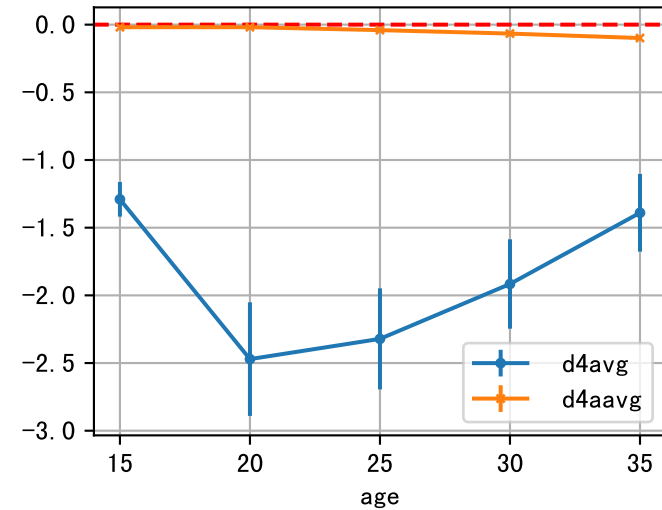
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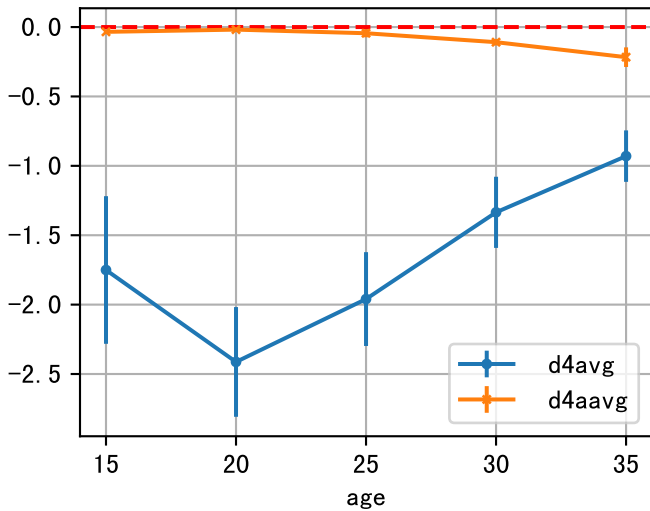
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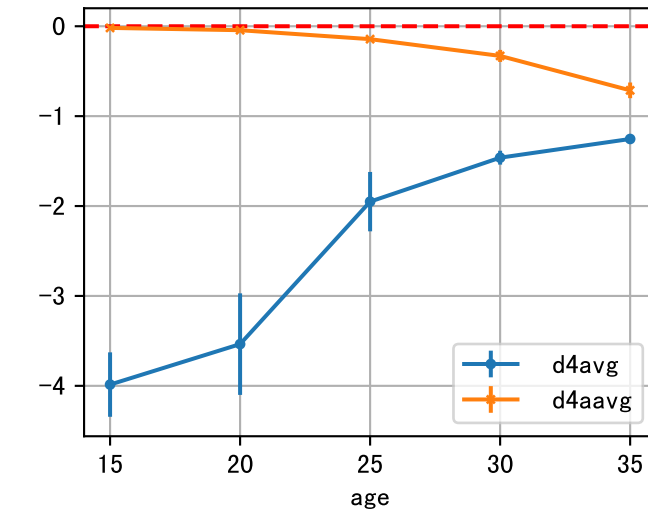
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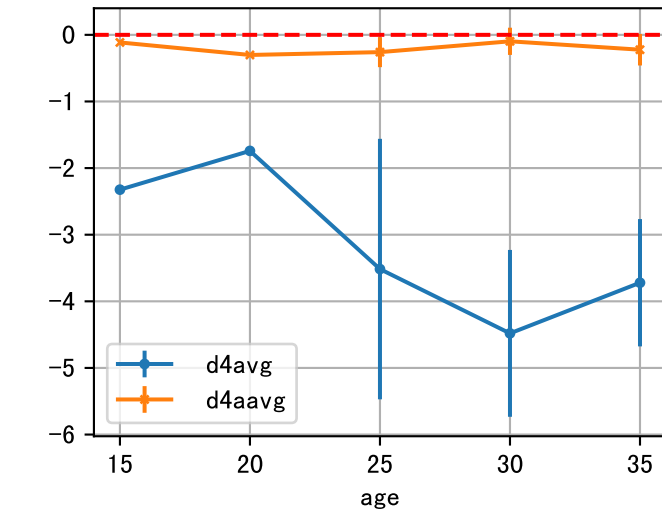


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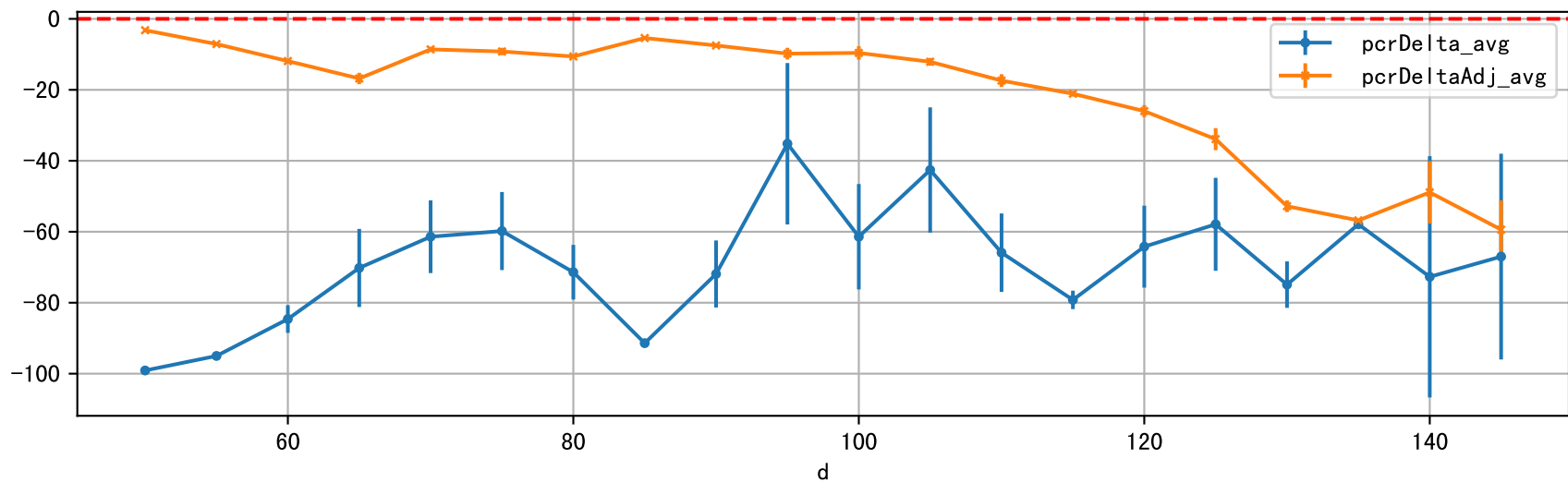


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organID=6



P10AW FrV: D_Est_FrV



P10AW FrV: sfDem

