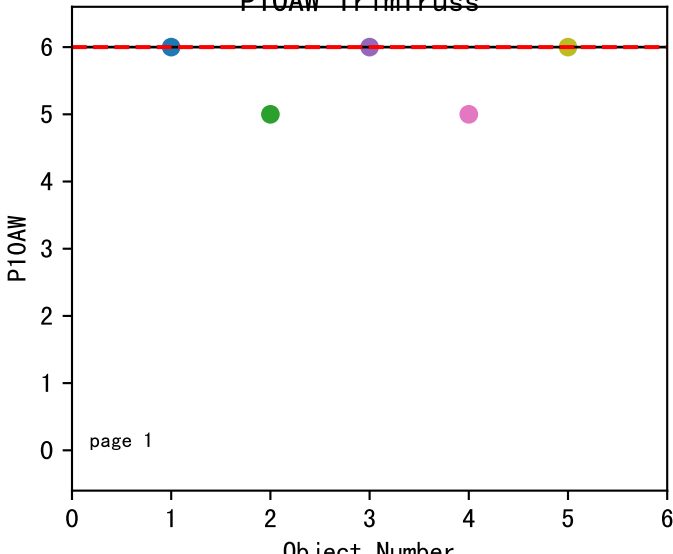


Phenotype Data Analysis Plots
PhenoData day range = 18 - 148
Analysis cutoff day = 148
NC11 P10
2026-03-16 (Day 149)

avg1=0.09% avg2=na
P10AW TrimTruss

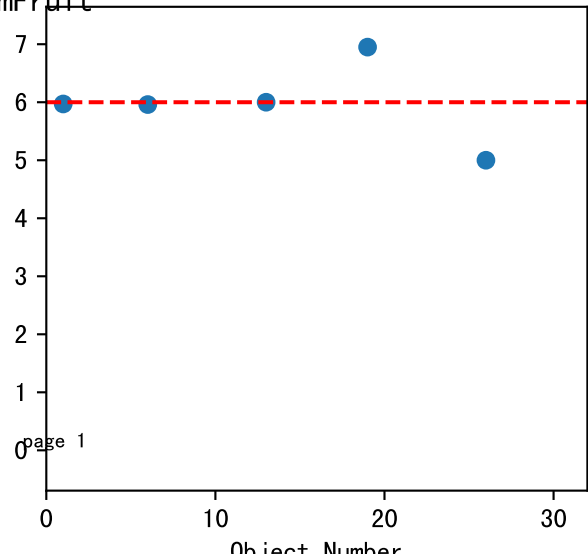
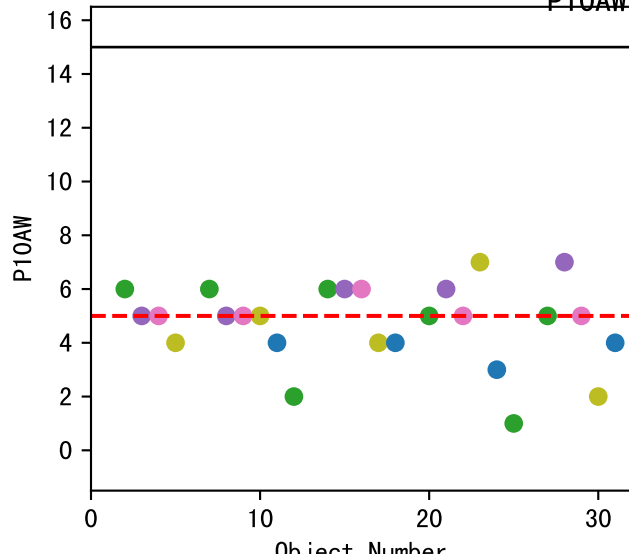


page 1

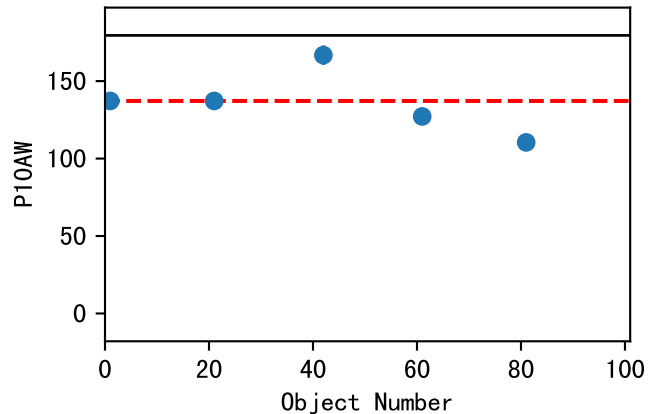
avg1=5.0 30% avg2=na

P10AW TrimFruit

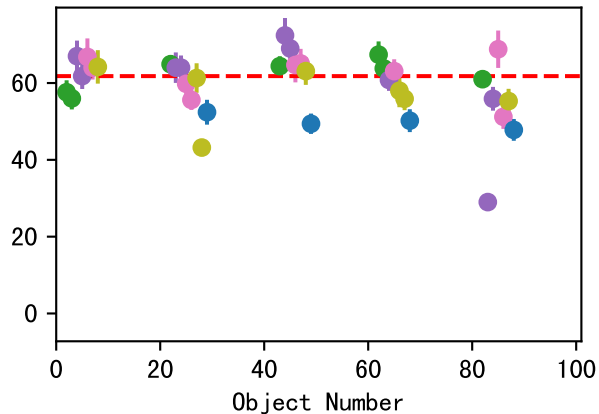
avg1=6.0 0% avg2=na



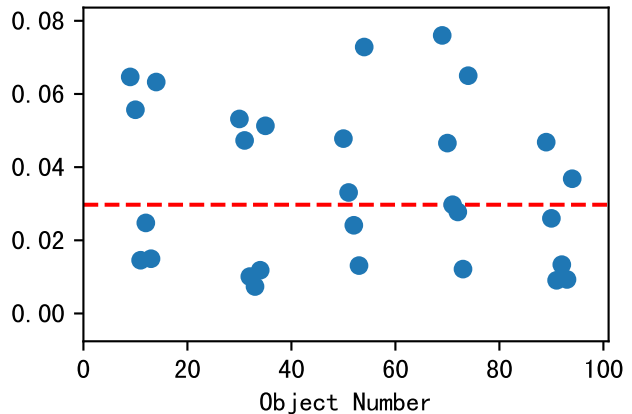
PrV_Q90AbsY (Def=179.5 Set=179.5)
avg1=137.19~4% avg2=na



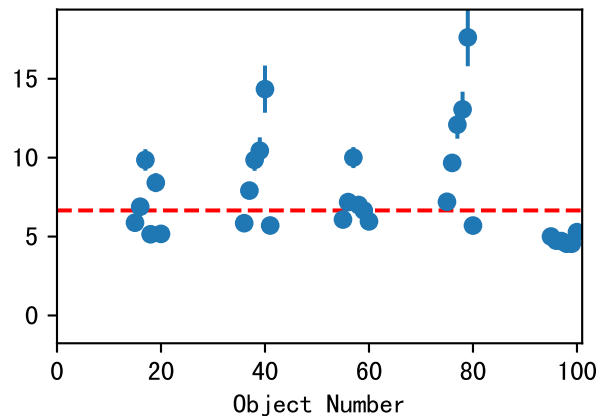
PrV_avgAbsY (Def=na Set=114.8)
avg1=61.18~14% avg2=na



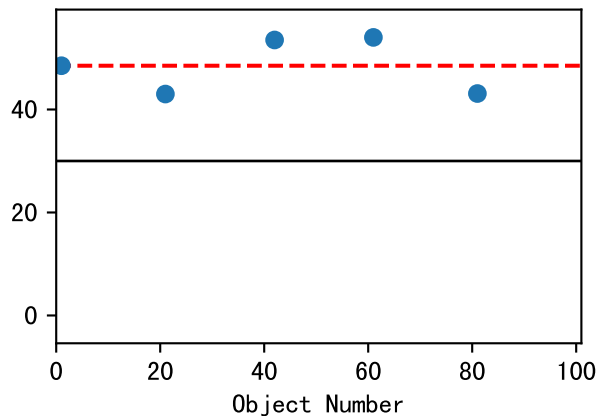
LTA_avgAbsY (Def=na Set=0.03)
avg1=0.03~73% avg2=na



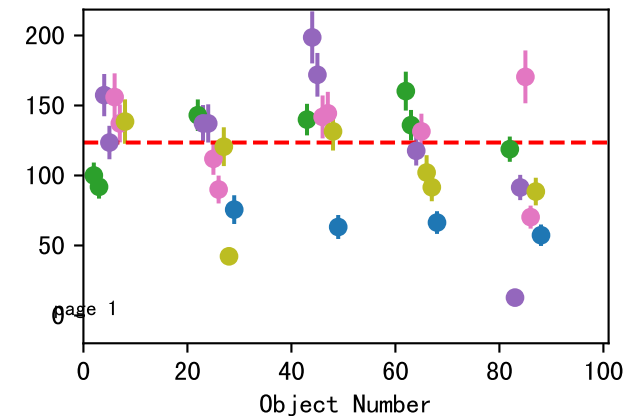
NdL_avgAbsY (Def=na Set=6.65)
avg1=6.65~40% avg2=na



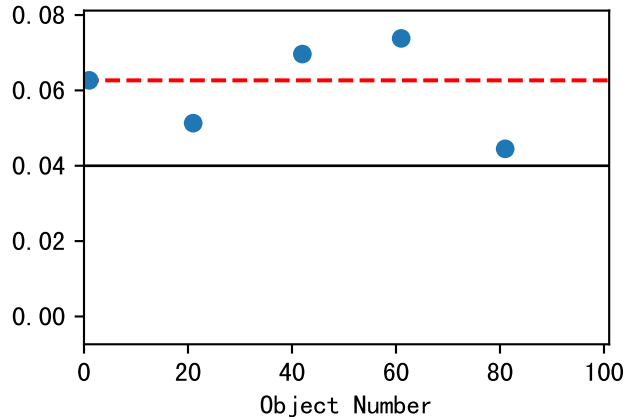
LfW_Q90AbsY (Def=30 Set=48.5)
avg1=48.5~11% avg2=na



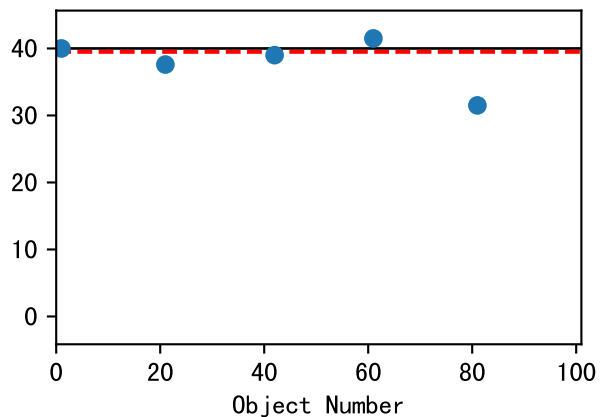
FrV_avgAbsY (Def=na Set=123.54)
avg1=123.54~29% avg2=na



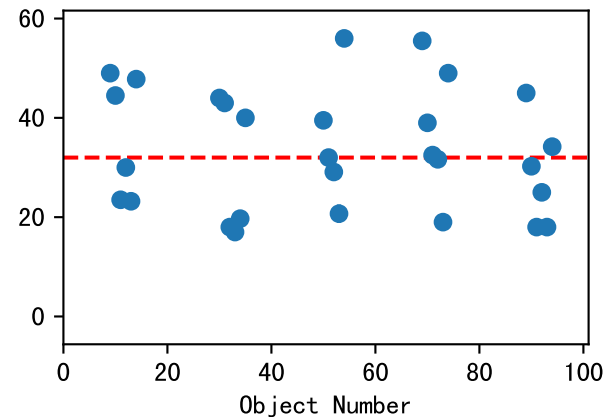
LTA_Q90AbsY (Def=0.04 Set=0.06)
avg1=0.06~20% avg2=na



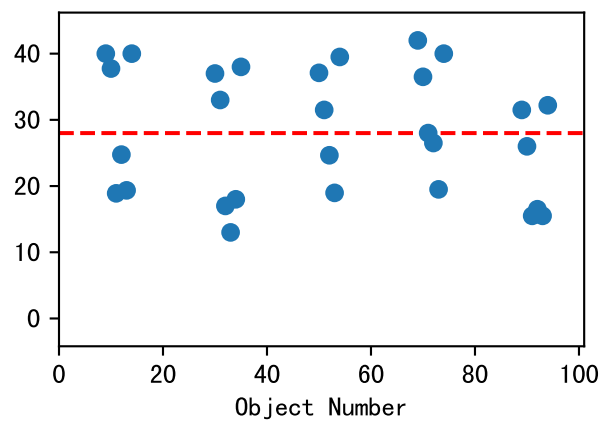
LTL_Q90AbsY (Def=40 Set=39.5)
Page 2
Pa01#3Pr04% Stage=na



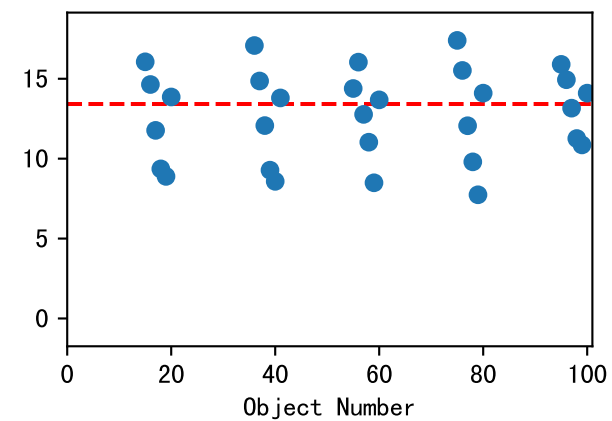
LTW_avgAbsY (Def=na Set=32.0)
avg1=32.0~38% avg2=na



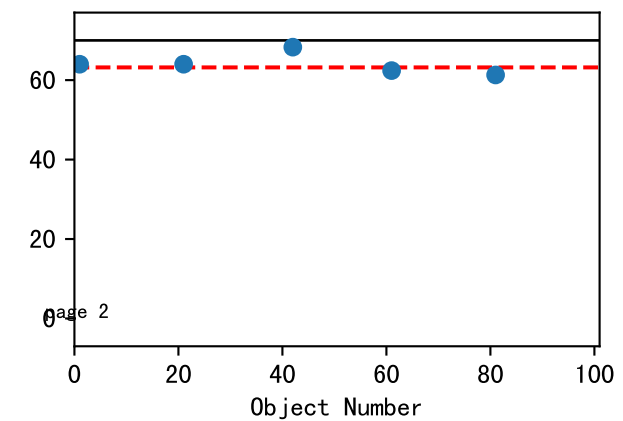
LfL_avgAbsY (Def=na Set=28.0)
avg1=28.0~34% avg2=na



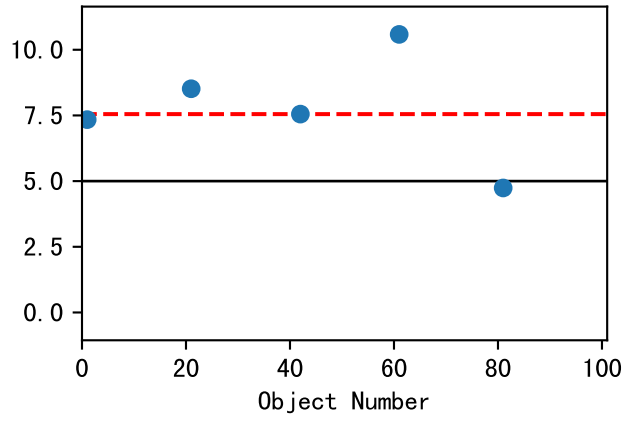
NdD_avgAbsY (Def=na Set=13.42)
avg1=13.42~21% avg2=na



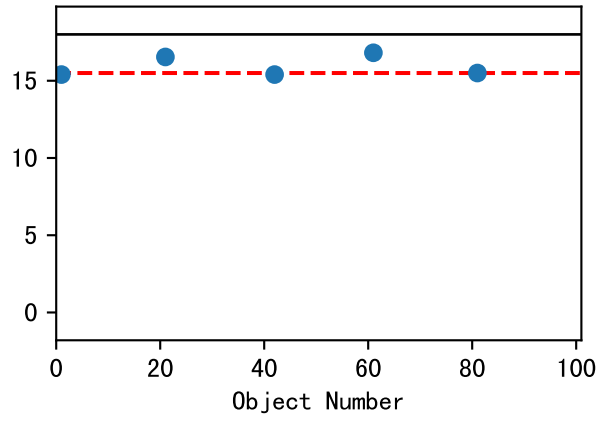
FrD_Q90AbsY (Def=70 Set=63.2)
avg1=63.2~2% avg2=na



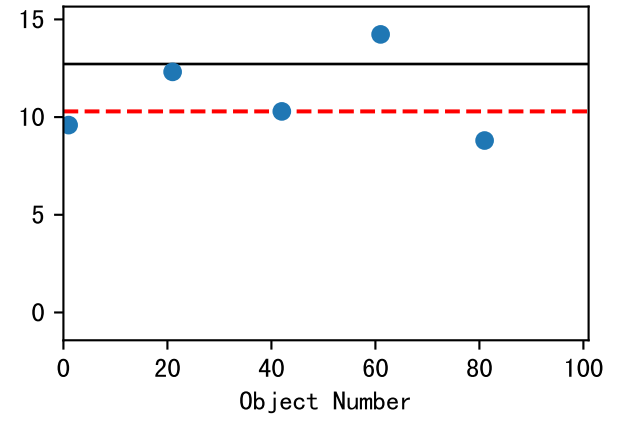
NdL_Q90AbsY (Def=5 Set=7.55)
avg1=7.55~8% avg2=na



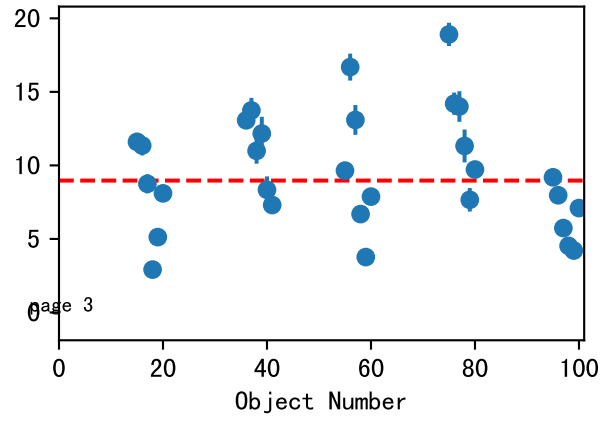
NdV_Q90AbsY (Def=18 Set=13.5)
avg1=13.5~4% avg2=na



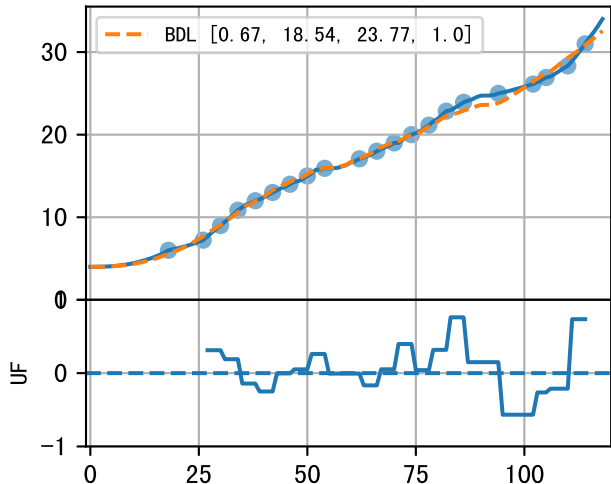
NdV_Q90AbsY (Def=12.72 Set=10.29)
avg1=10.29~21% avg2=na



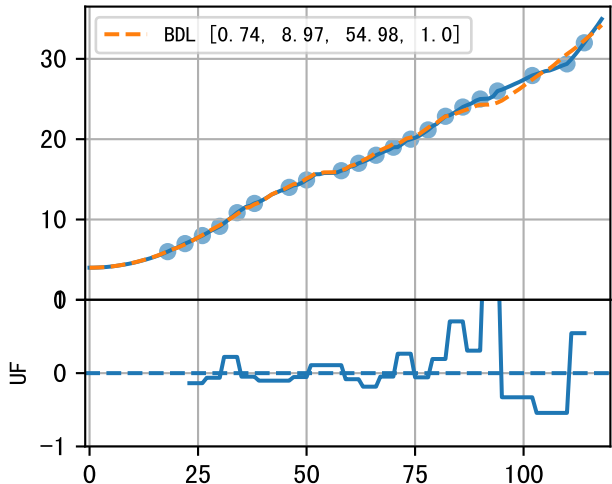
NdV_avgAbsY (Def=na Set=8.97)
avg1=8.97~43% avg2=na



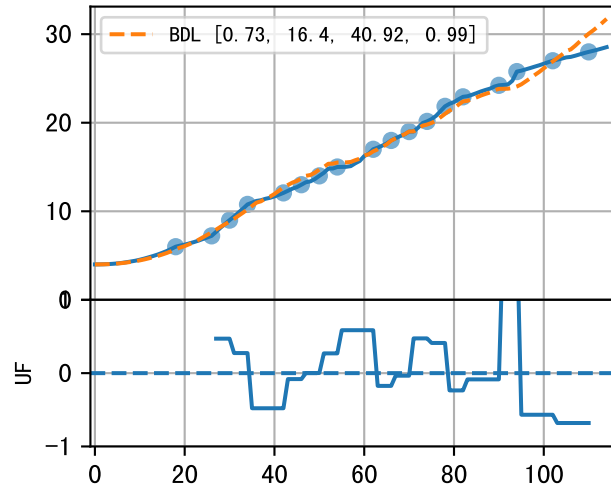
P10AW-004-12 (fit failed)



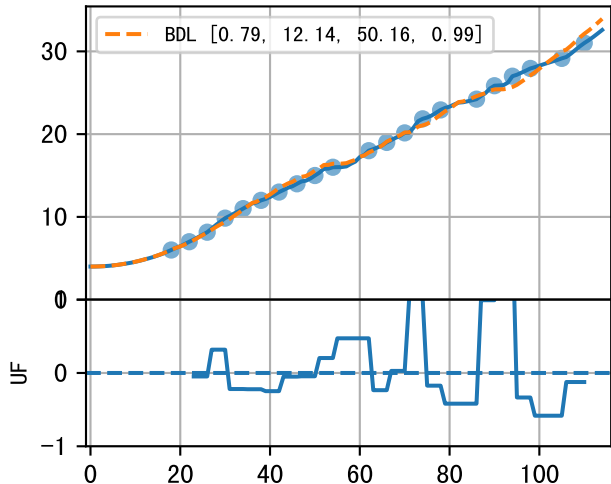
P10AW-010-25 (fit failed)



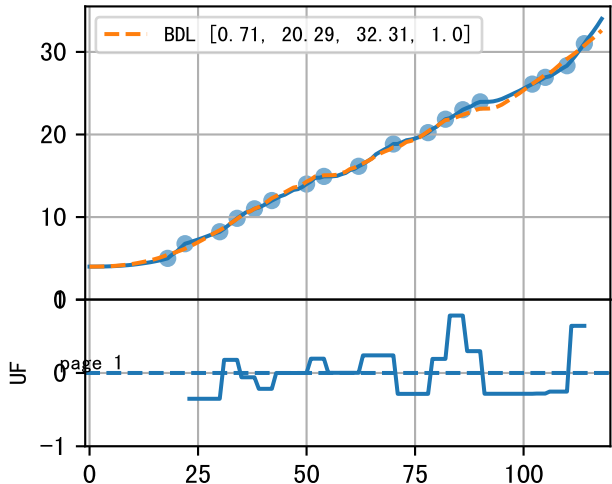
P10AW-017-16 (fit failed)



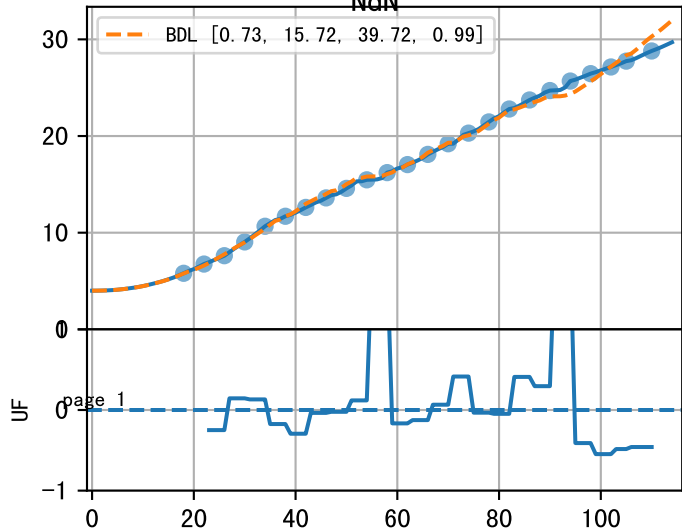
P10AW-025-3 (fit failed)

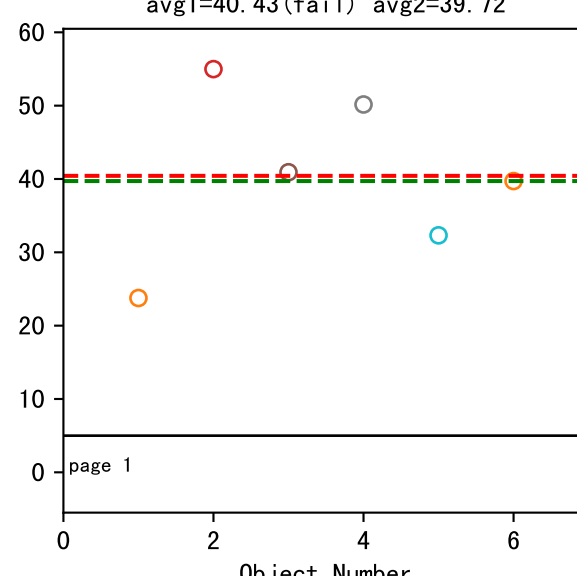
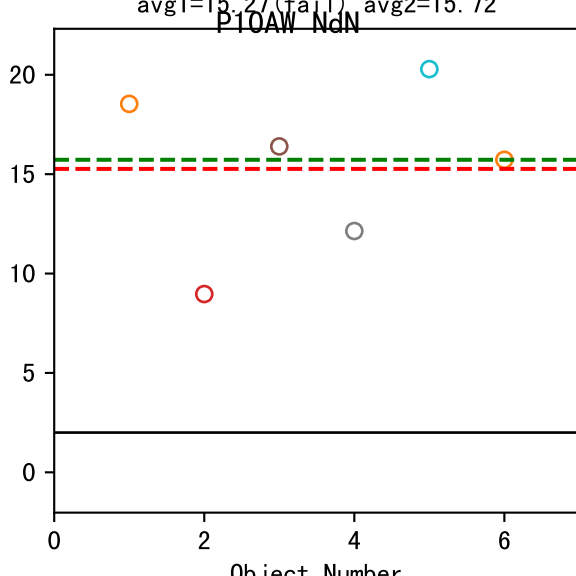
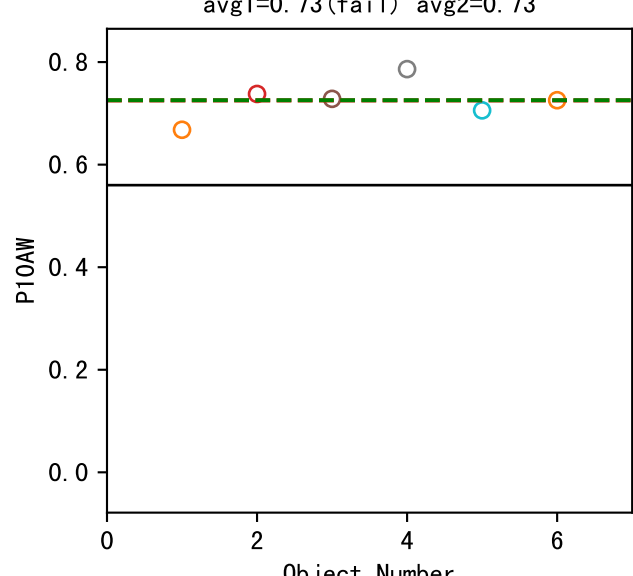


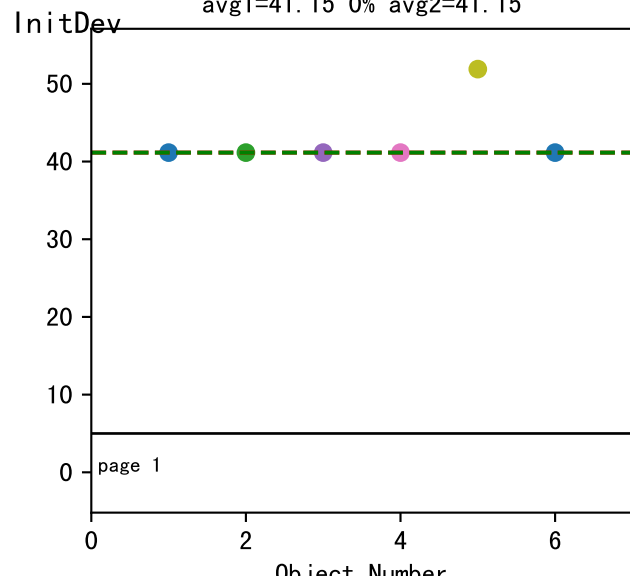
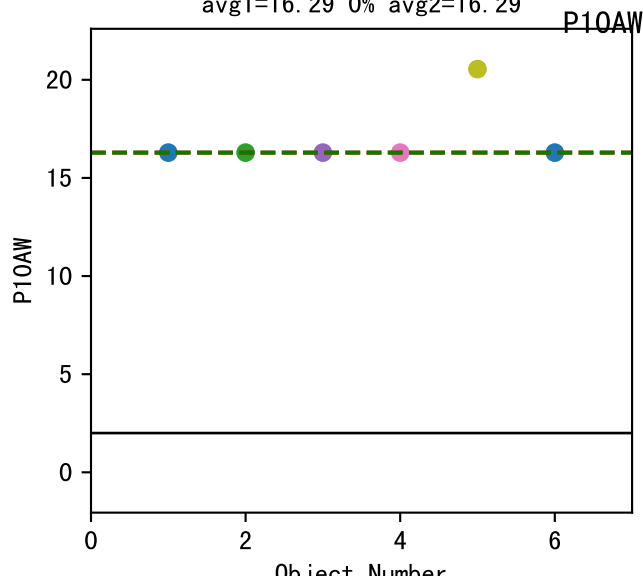
P10AW-032-33 (fit failed)



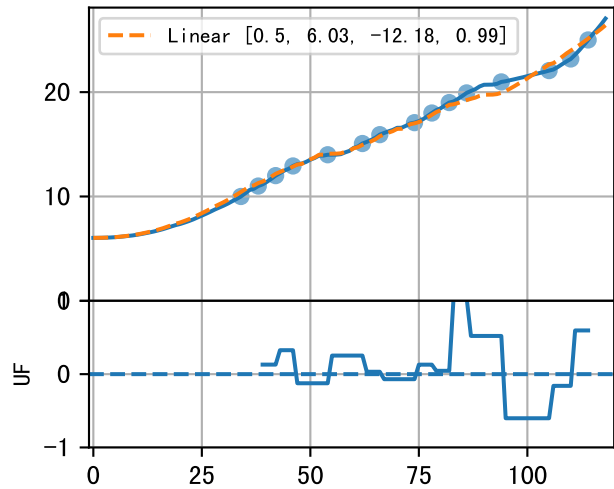
PIOWavg (left-tailed)
NdN



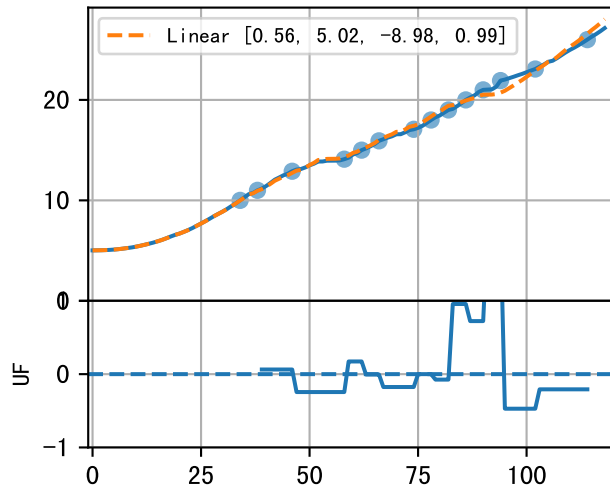




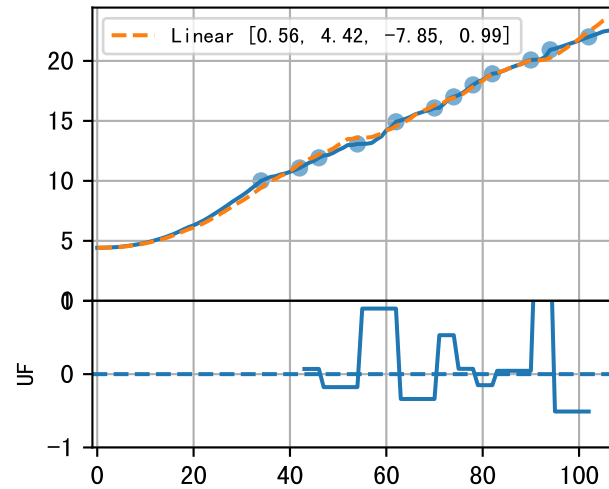
P10AW-004-12



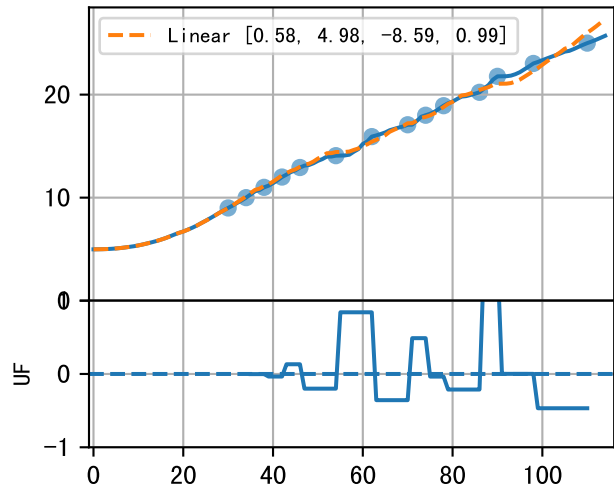
P10AW-010-25



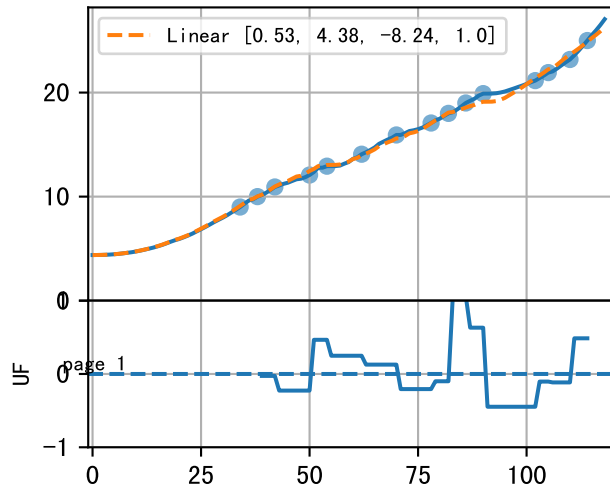
P10AW-017-16



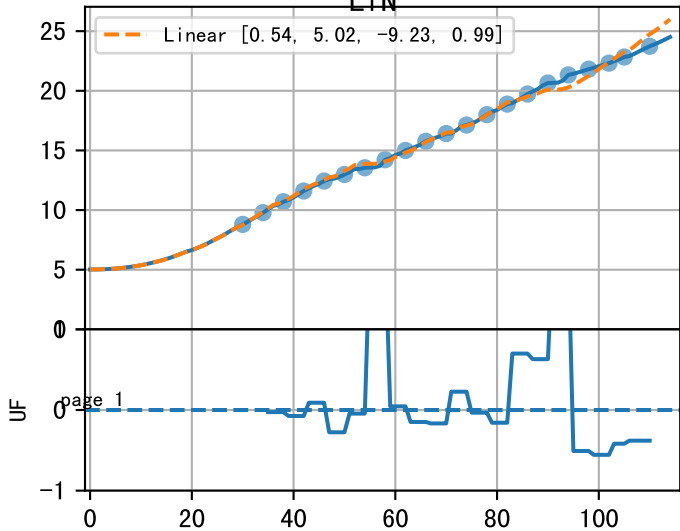
P10AW-025-3



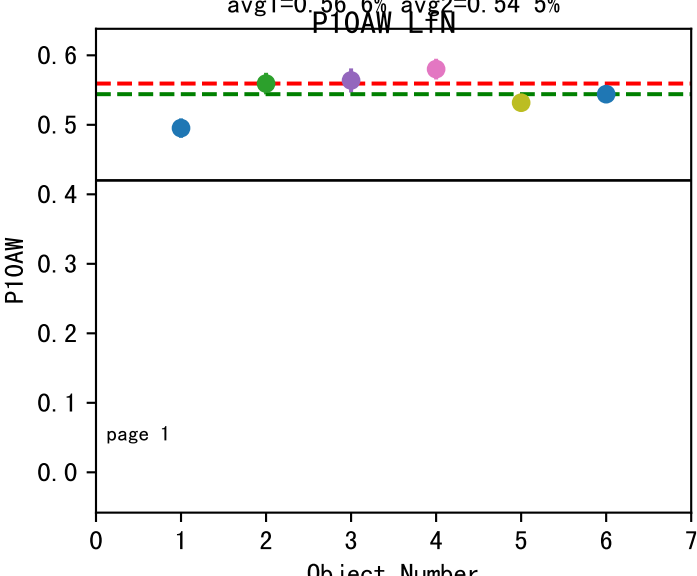
P10AW-032-33

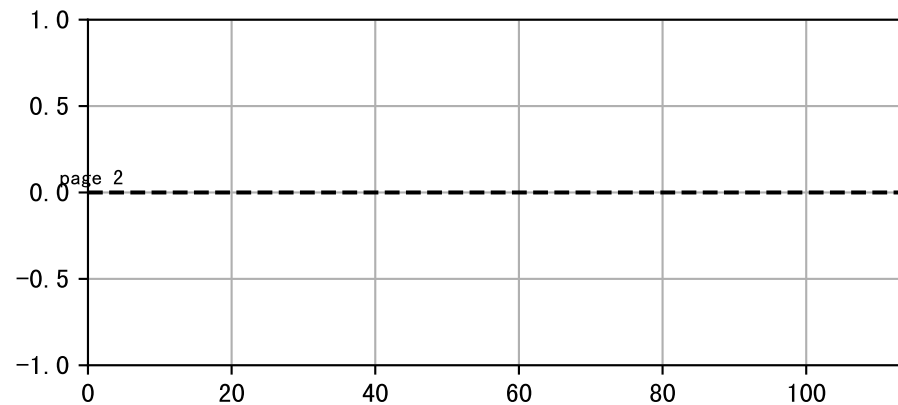
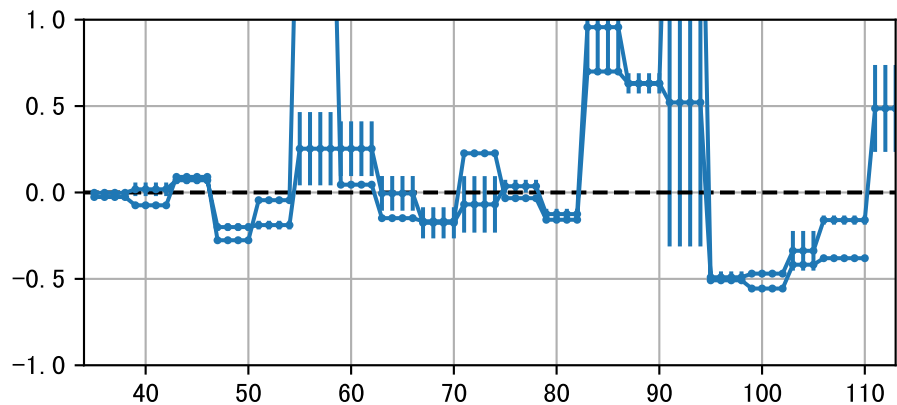
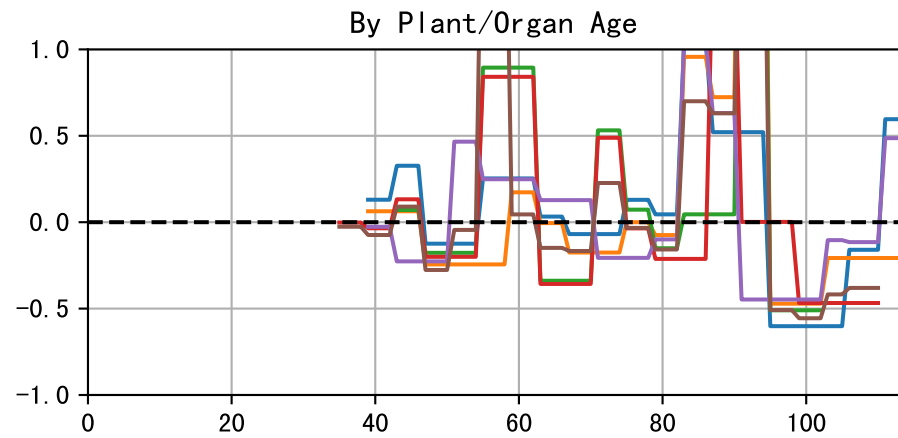
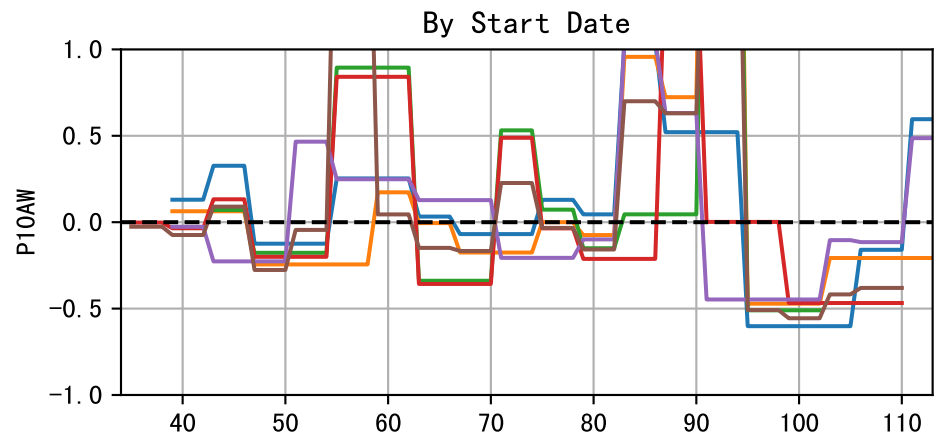


PTUavg
Lfn

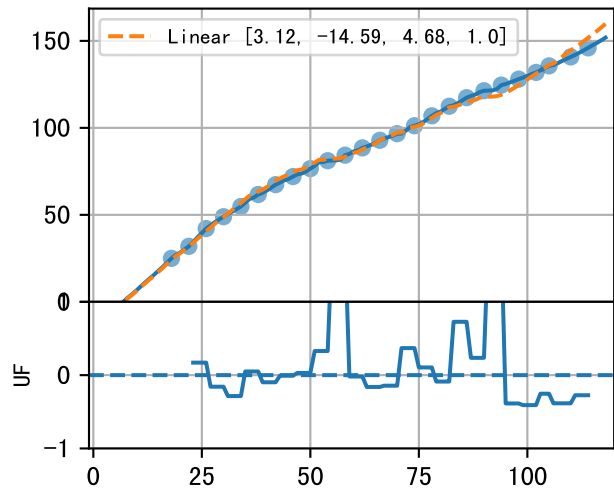


UF
page 1

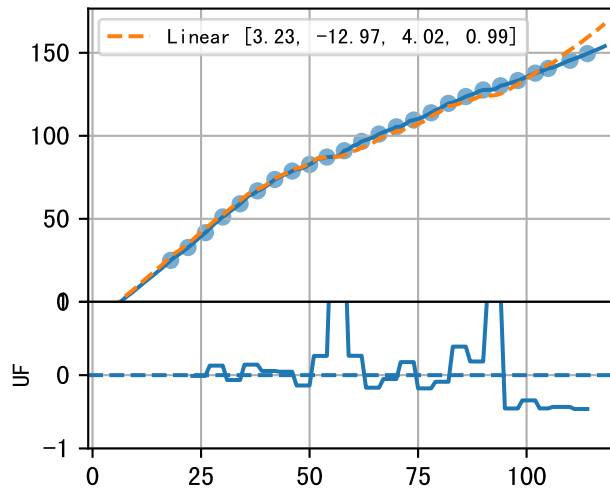




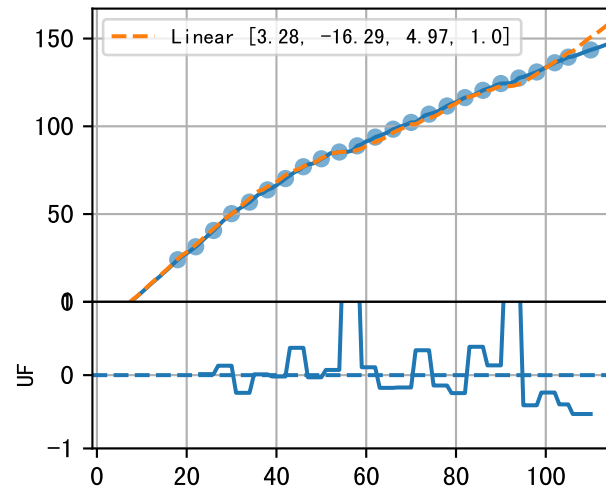
P10AW-004-12



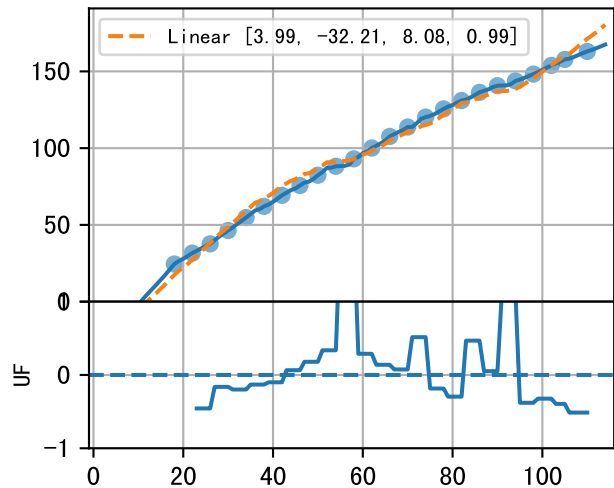
P10AW-010-25



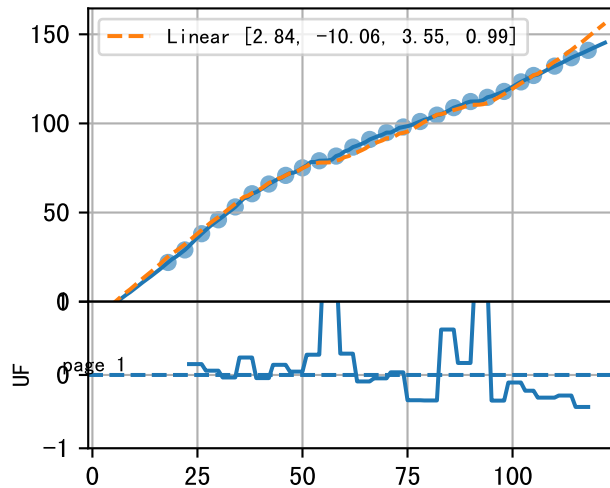
P10AW-017-16



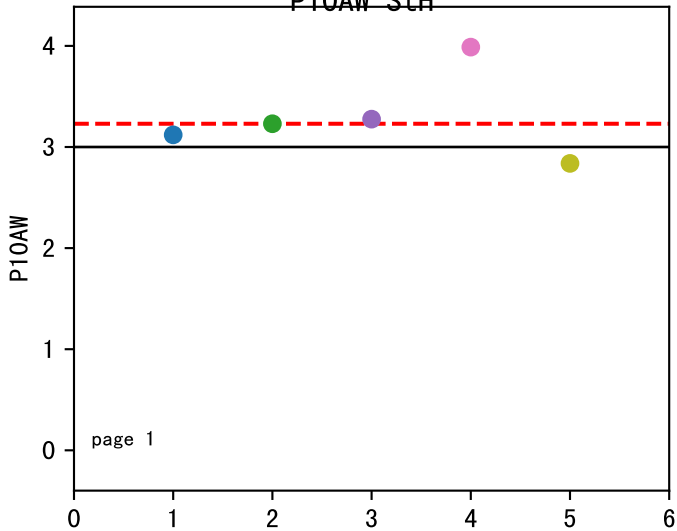
P10AW-025-3



P10AW-032-33

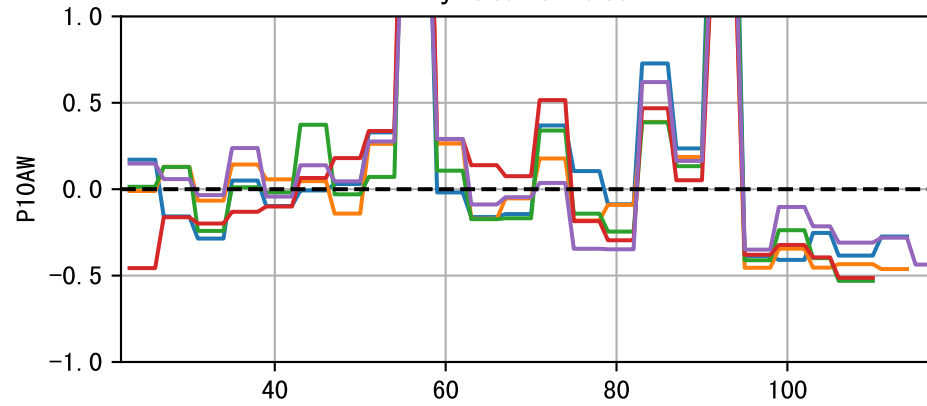


avg1=3.23, 2% avg2=na
P10AW StH

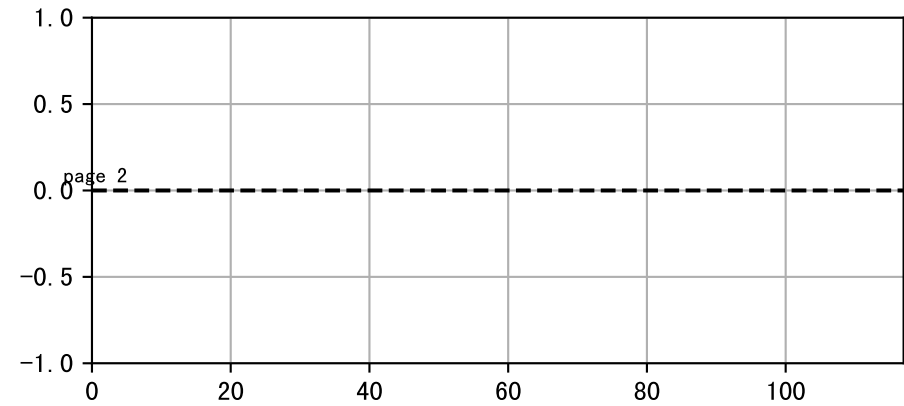
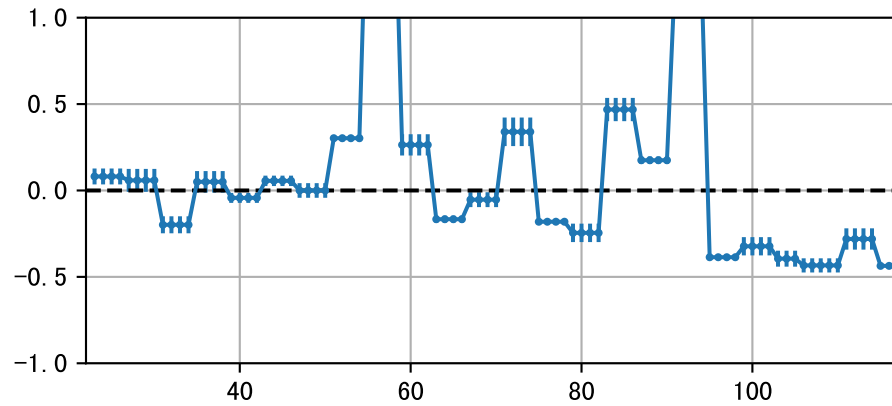
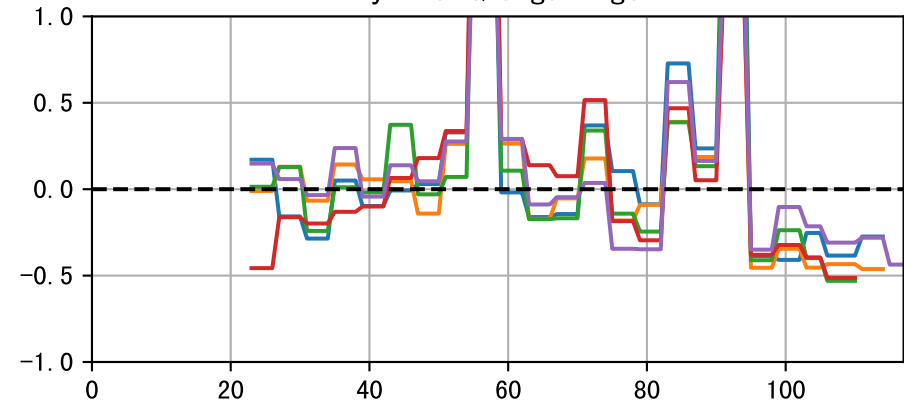


page 1

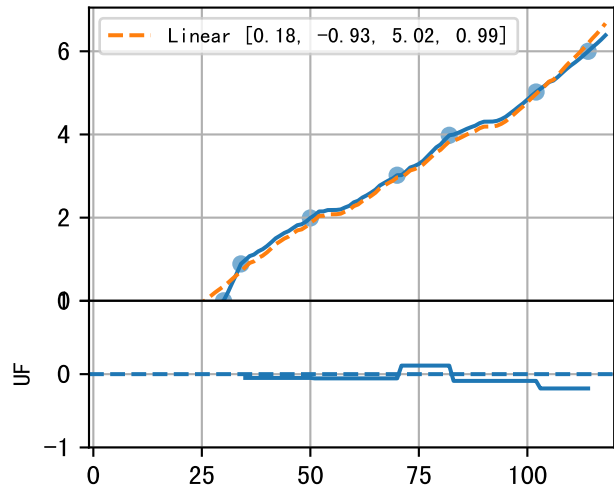
By Start Date



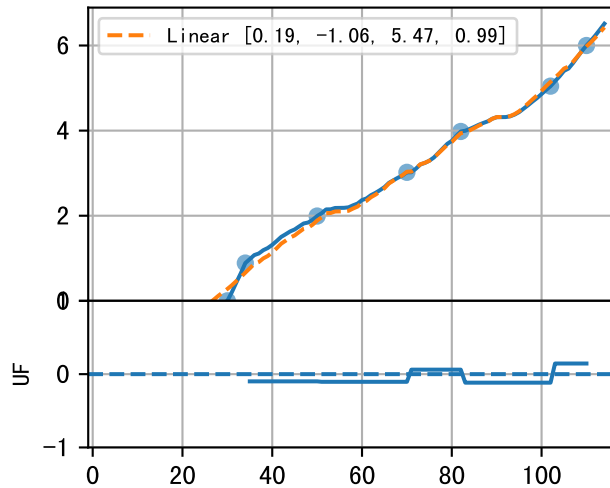
By Plant/Organ Age



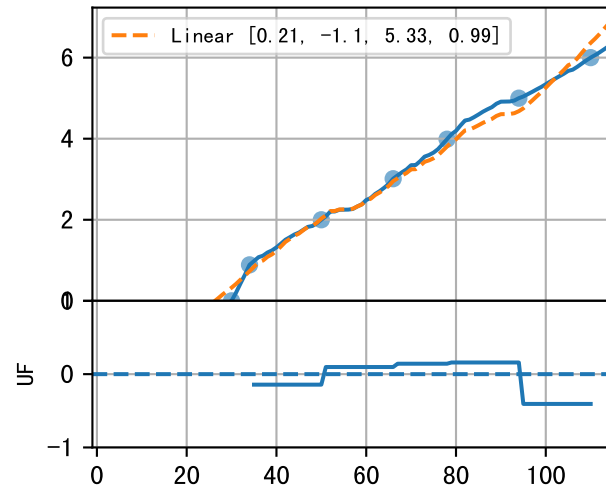
P10AW-004-12



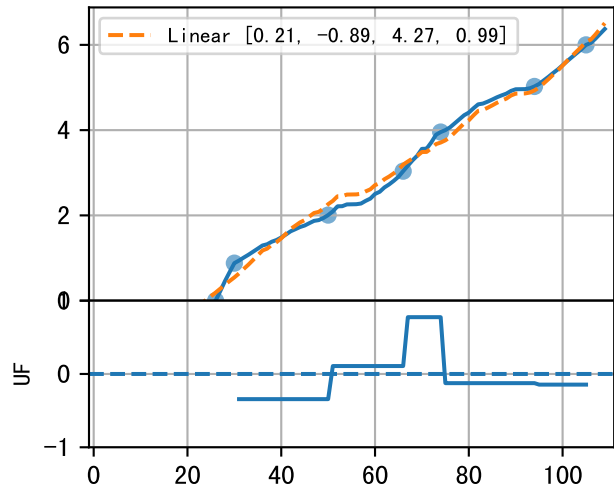
P10AW-010-25



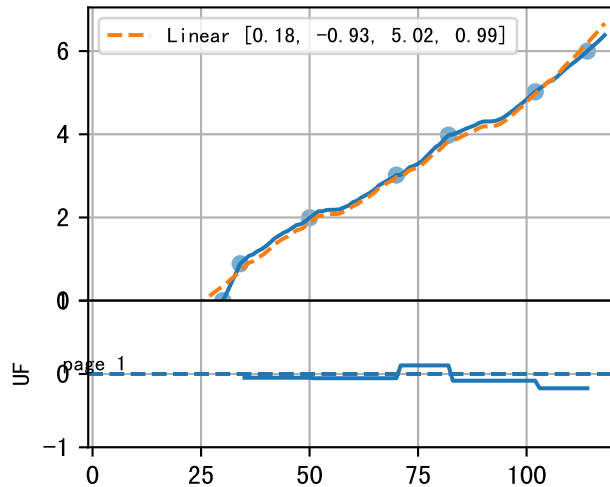
P10AW-017-16



P10AW-025-3



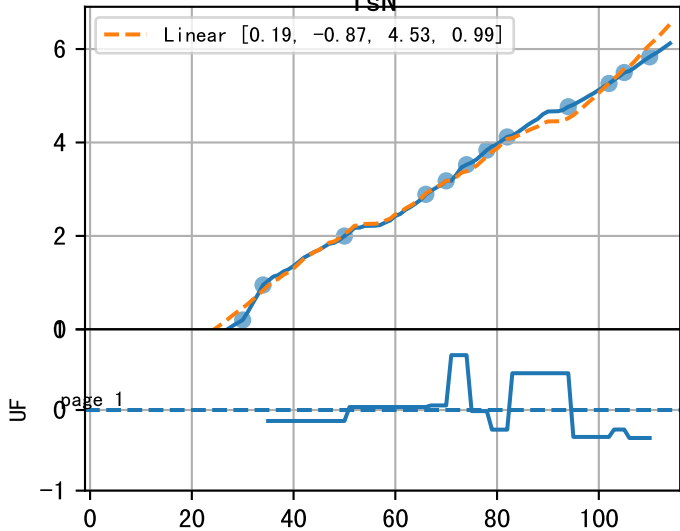
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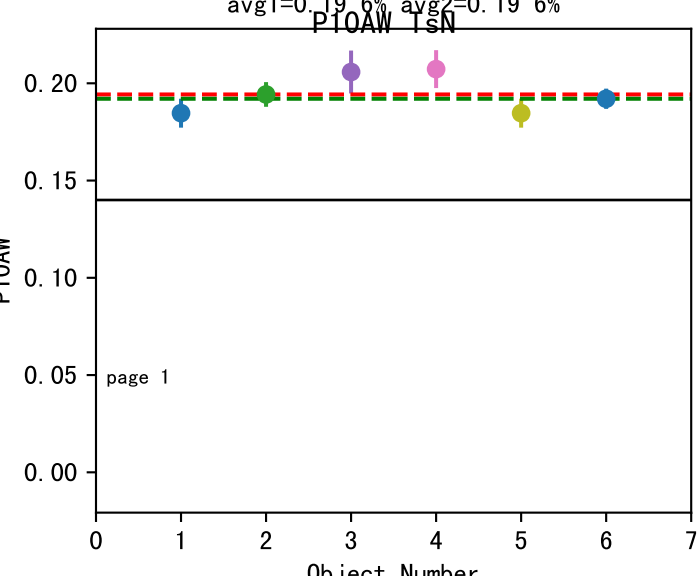


PTUavg

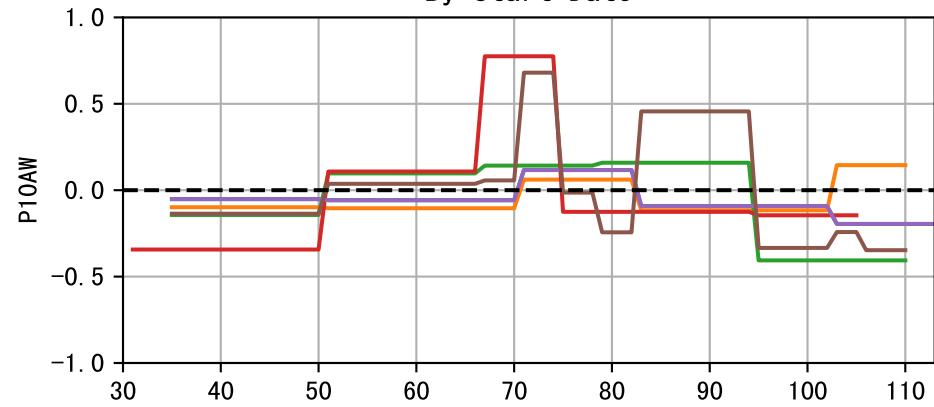
TsN

Linear [0.19, -0.87, 4.53, 0.99]

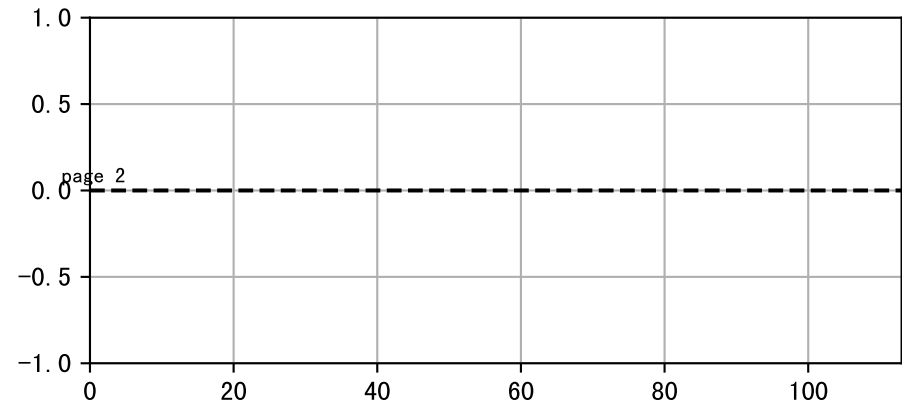
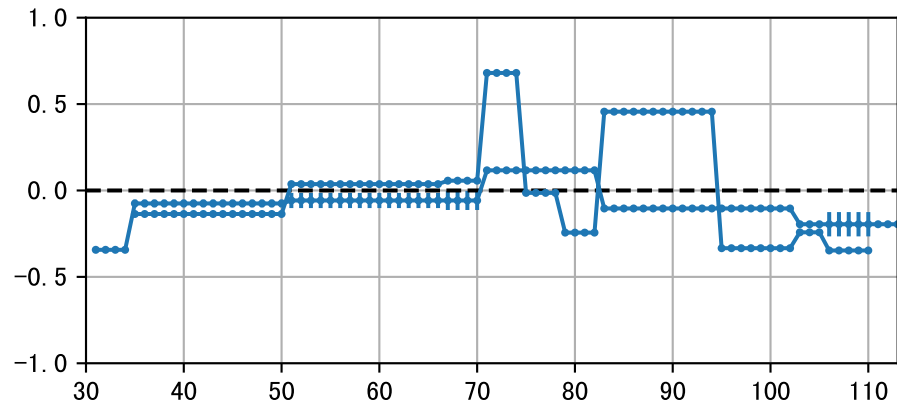
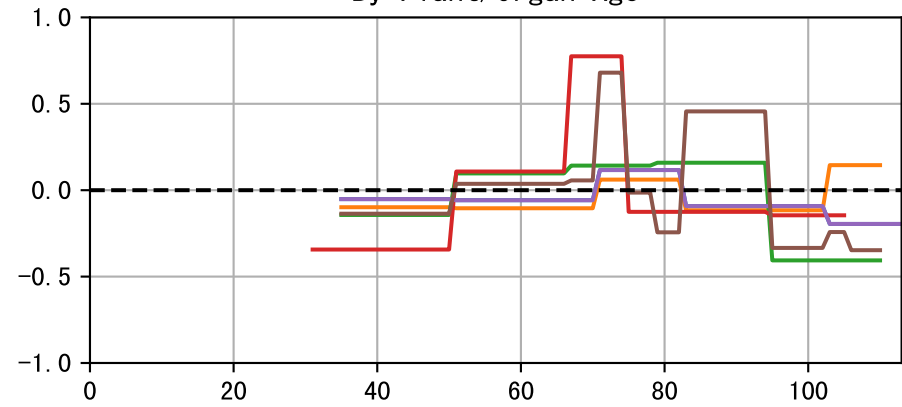


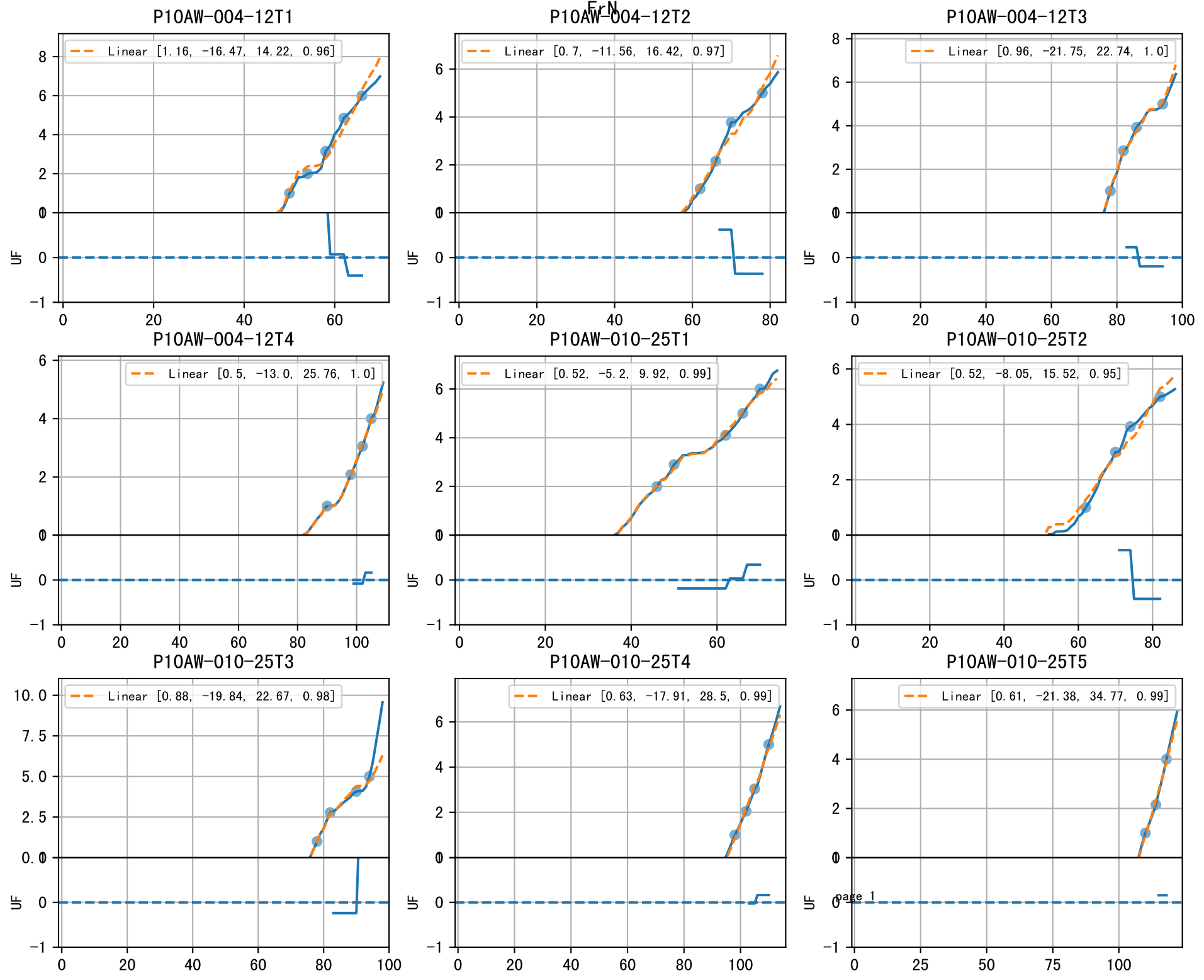


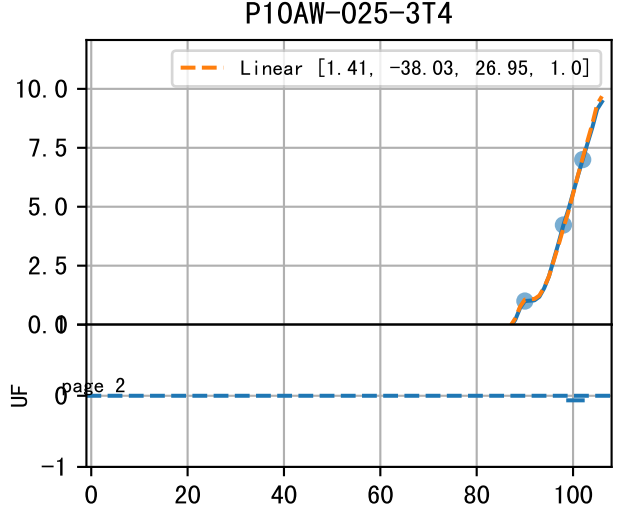
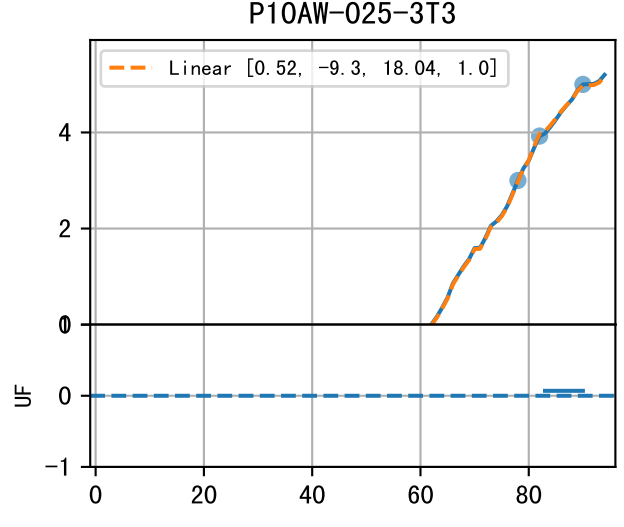
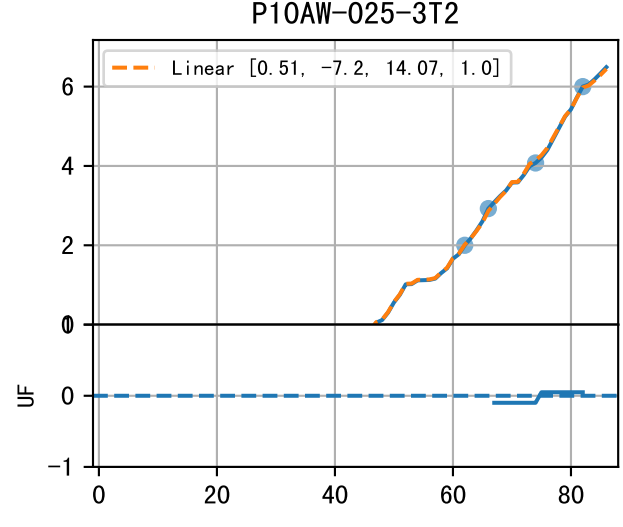
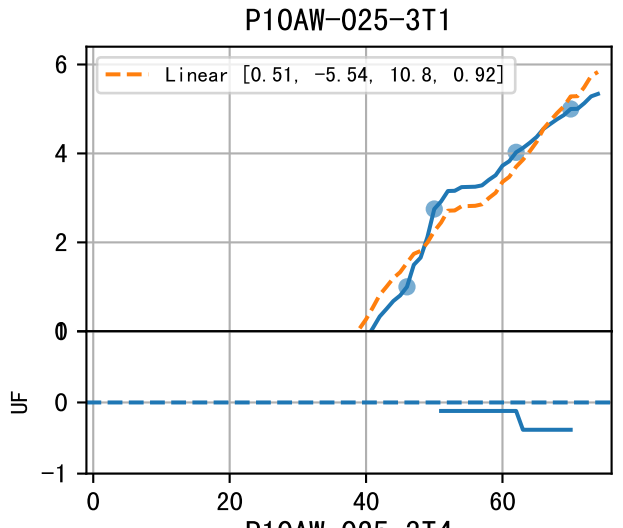
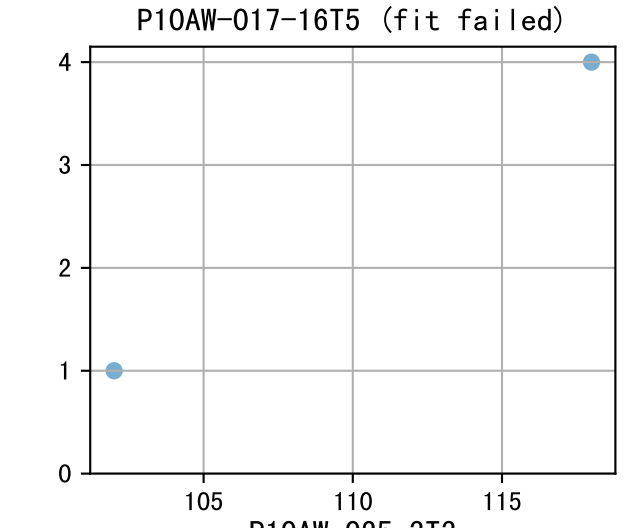
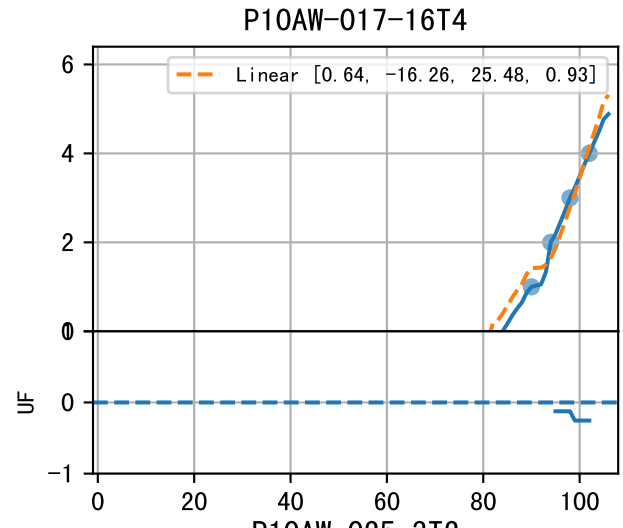
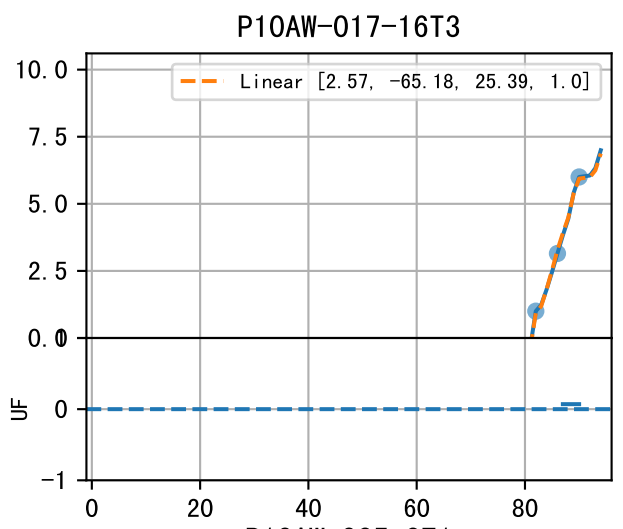
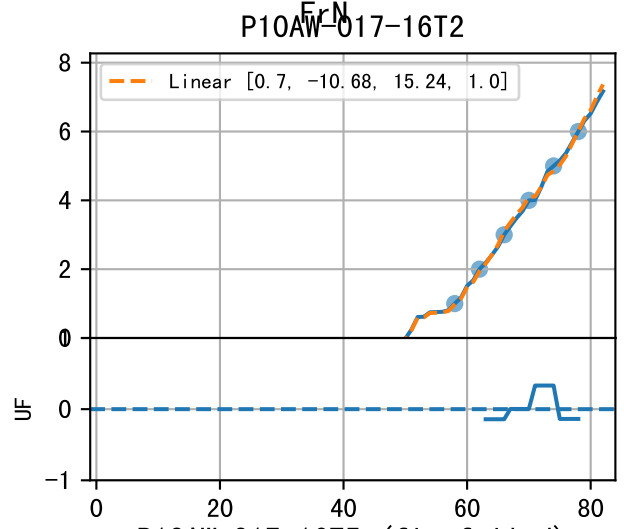
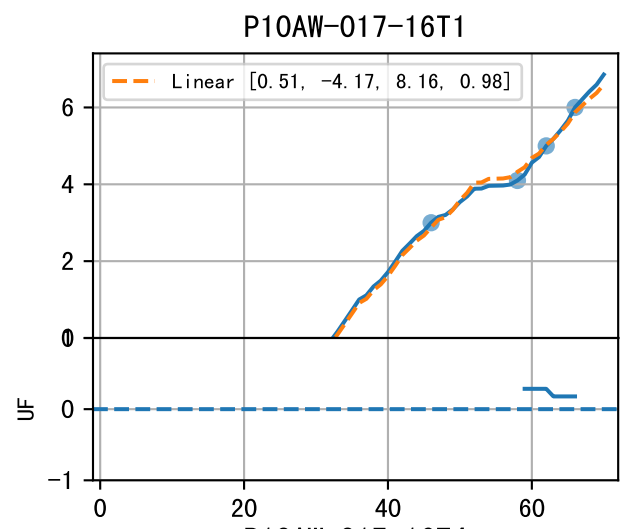
By Start Date



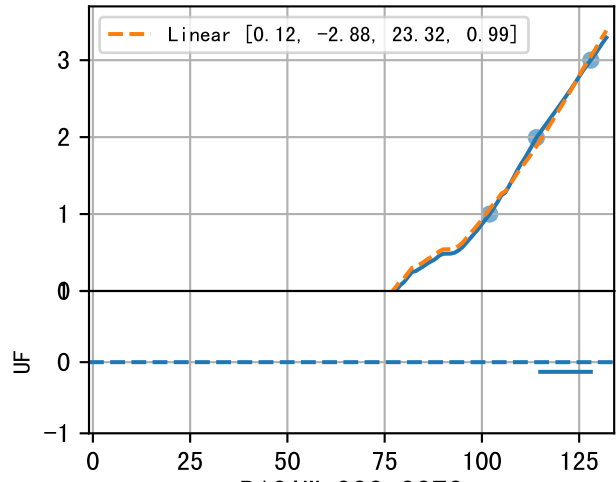
By Plant/Organ Age



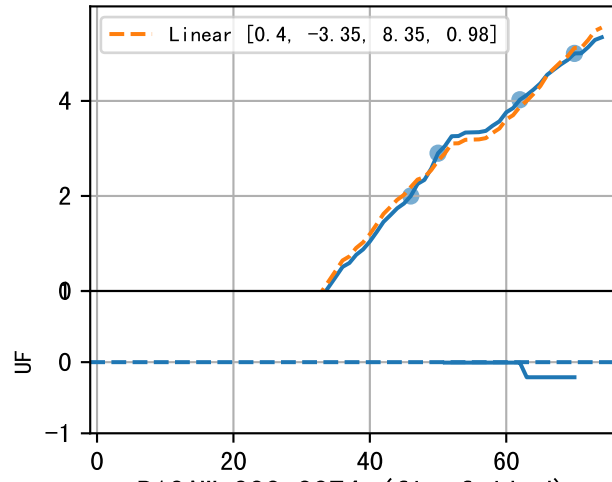




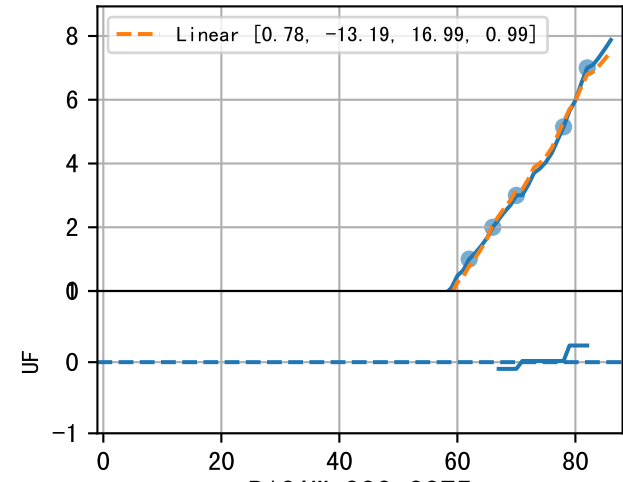
P10AW-025-3T5



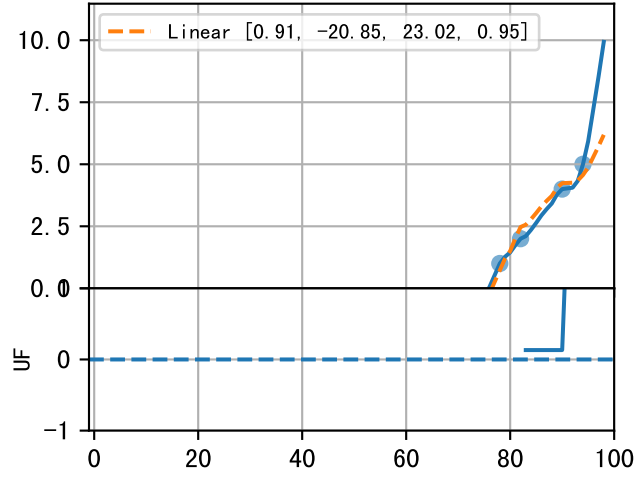
P10AW-032-33T1



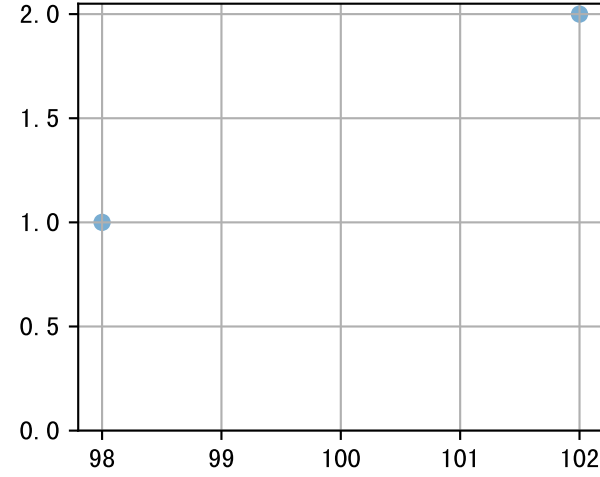
P10AW-032-33T2



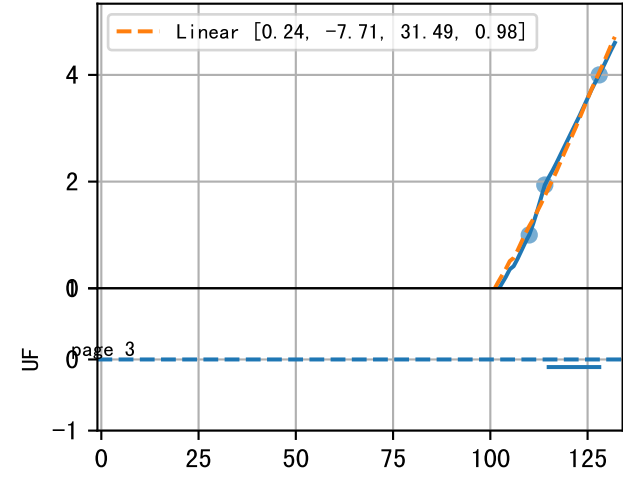
P10AW-032-33T3



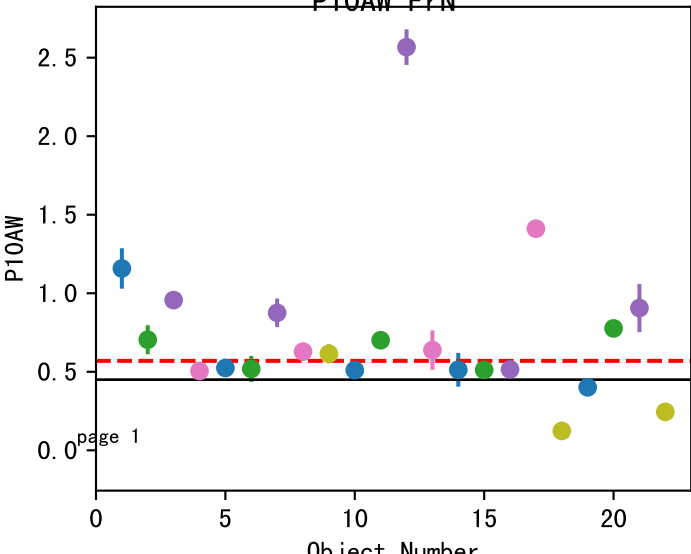
P10AW-032-33T4 (fit failed)



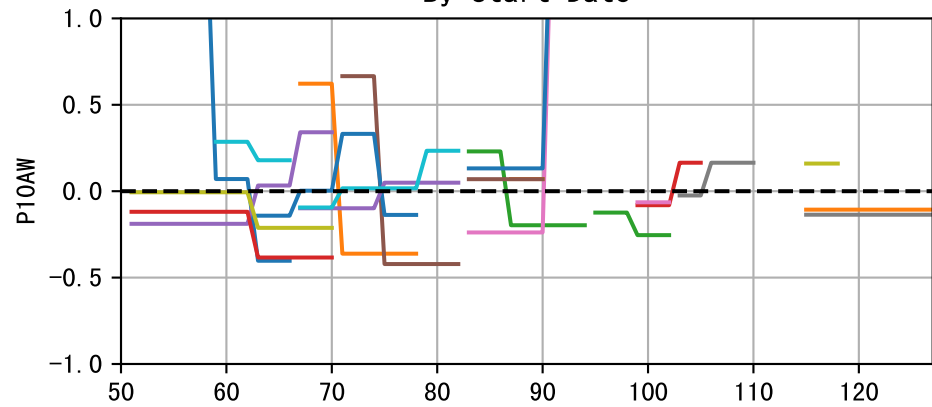
P10AW-032-33T5



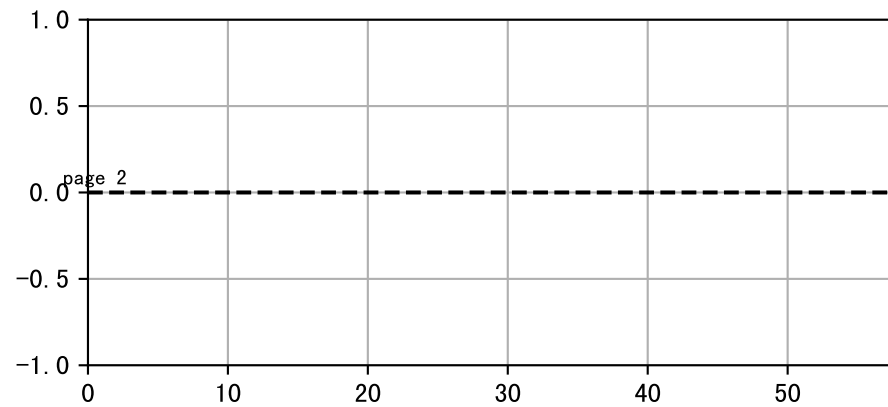
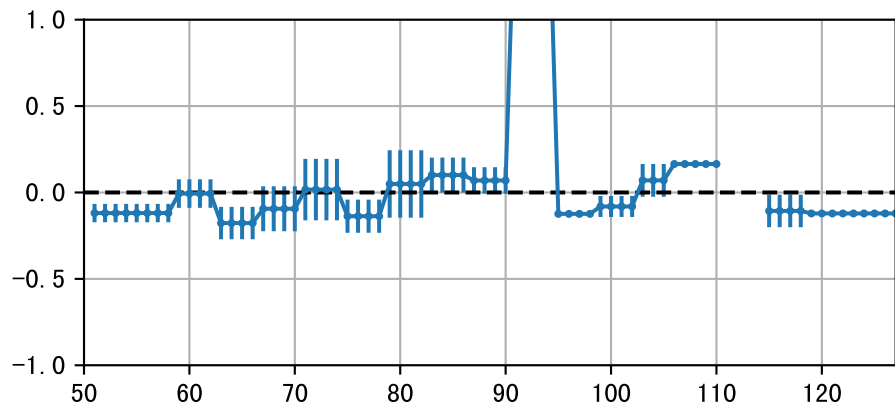
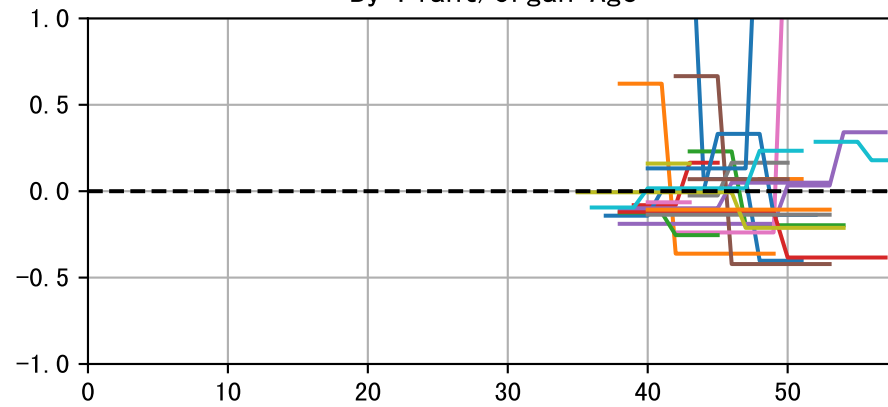
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P10AW FrN

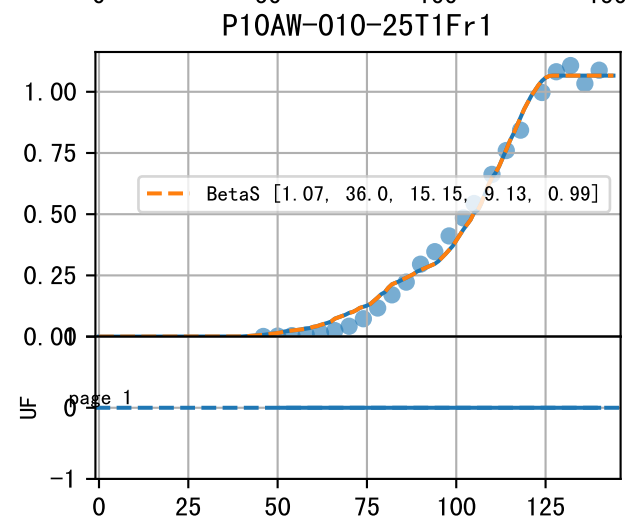
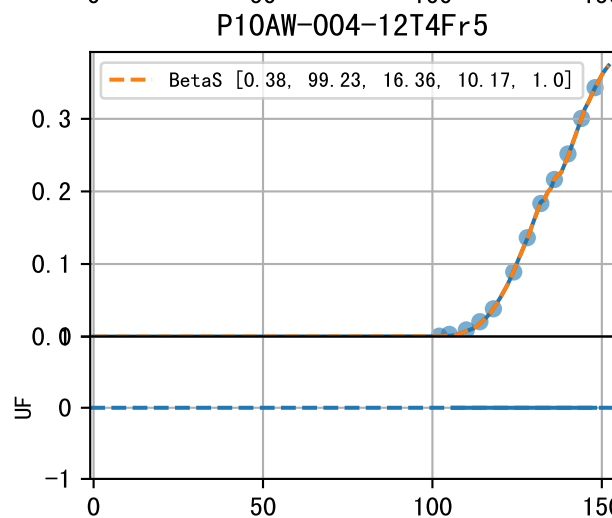
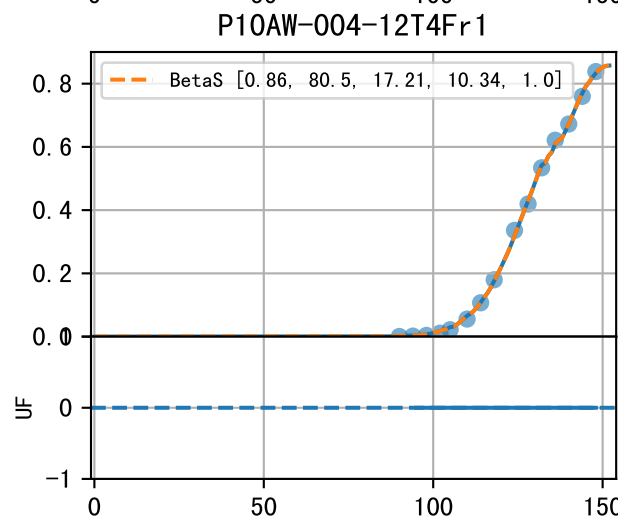
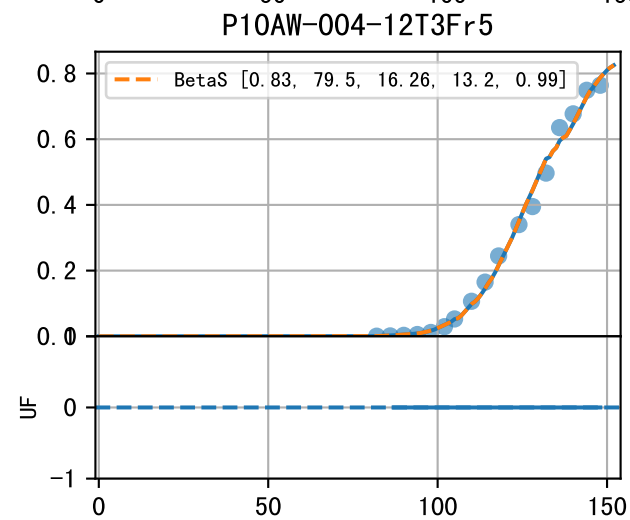
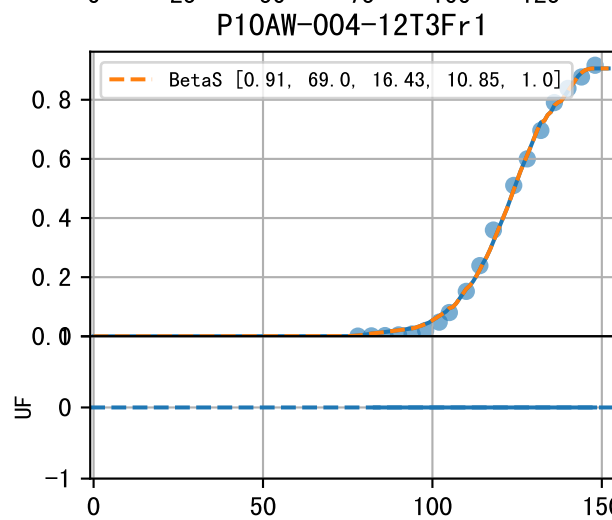
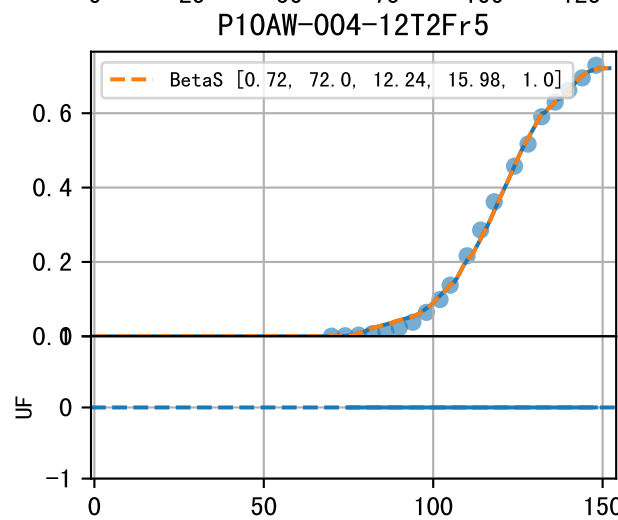
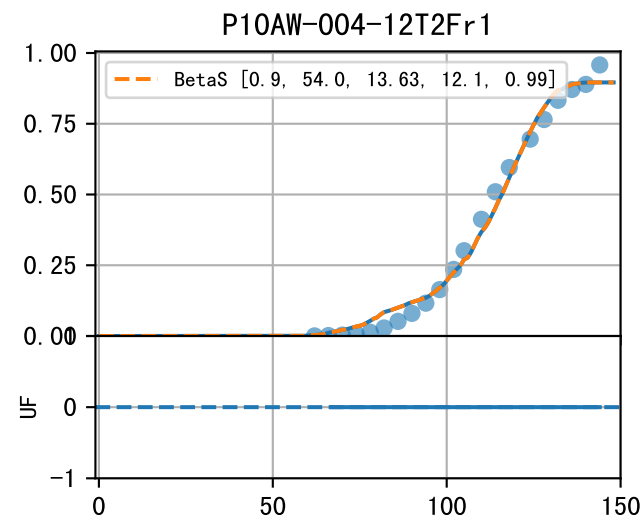
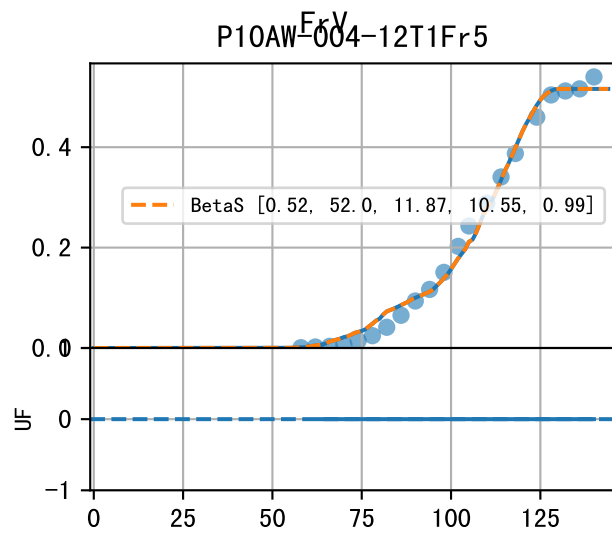
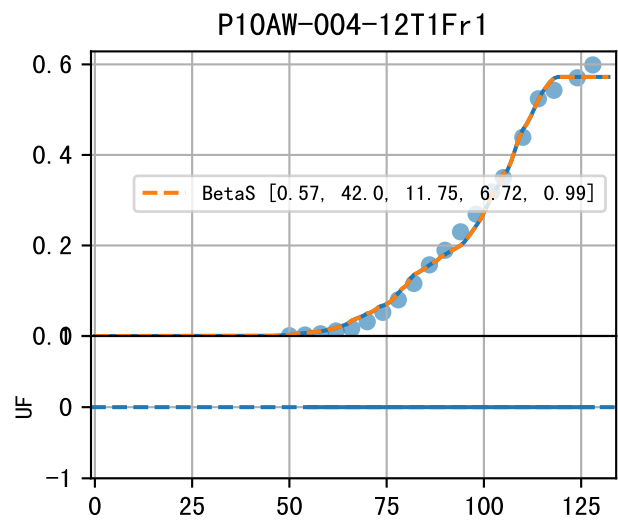


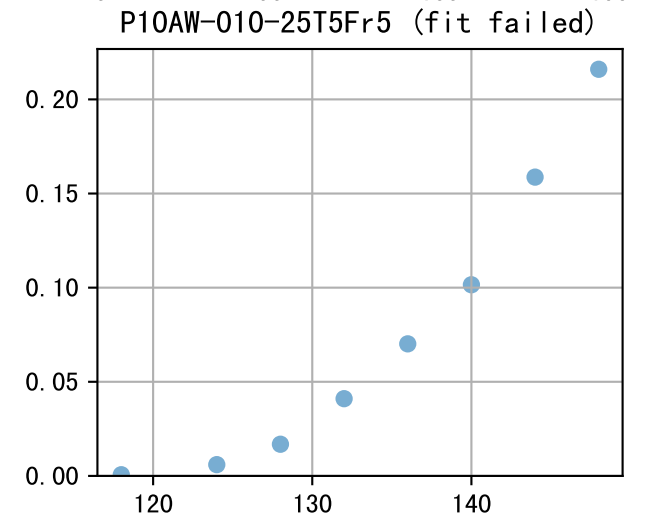
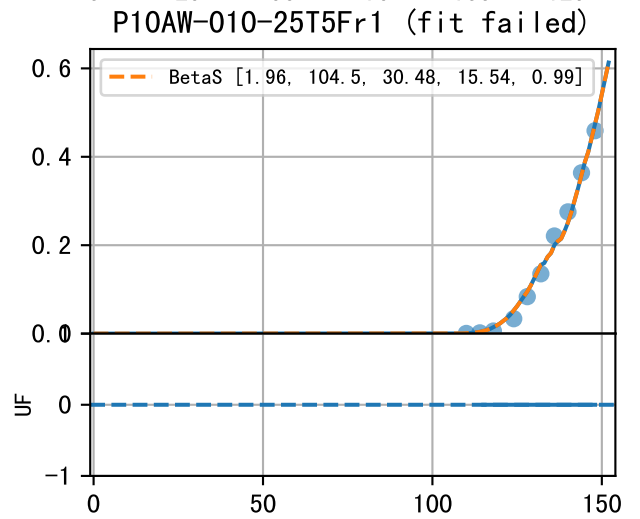
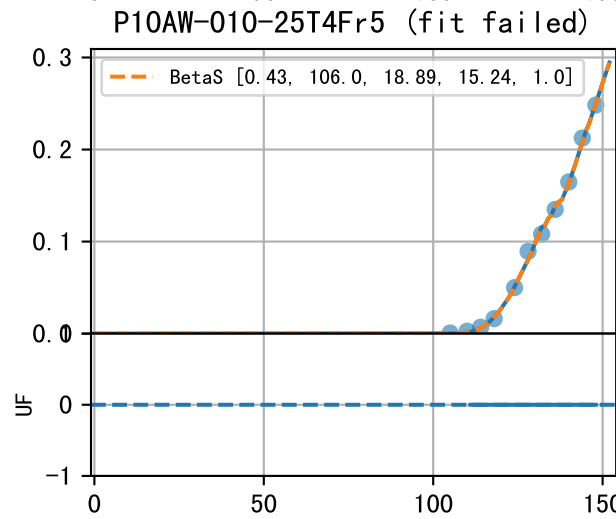
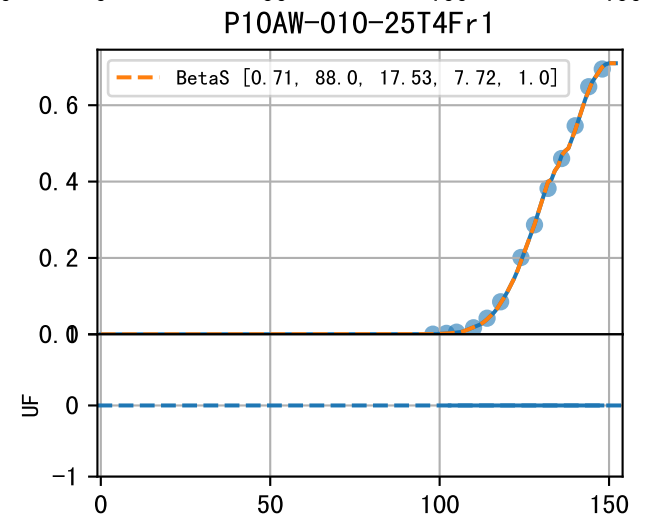
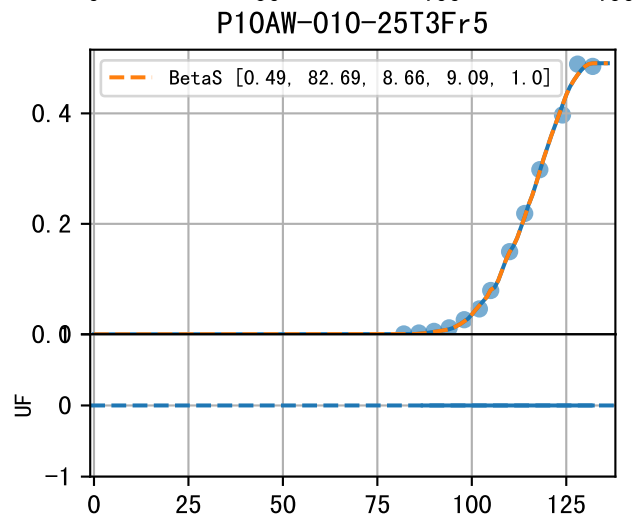
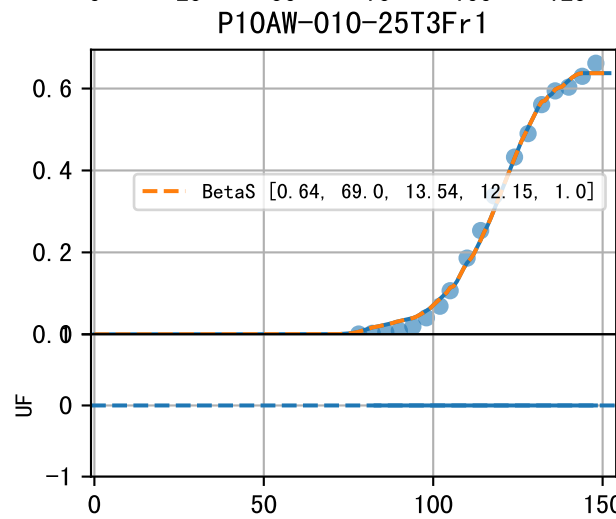
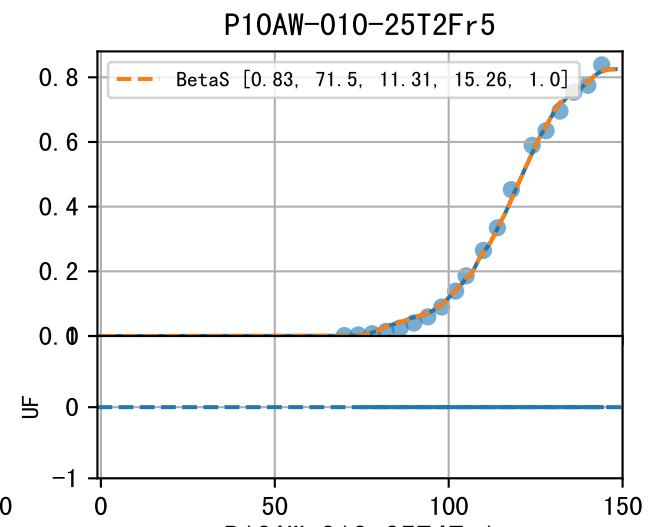
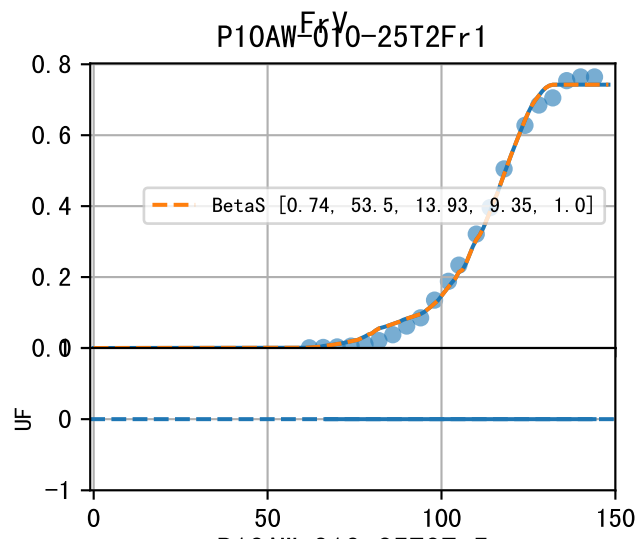
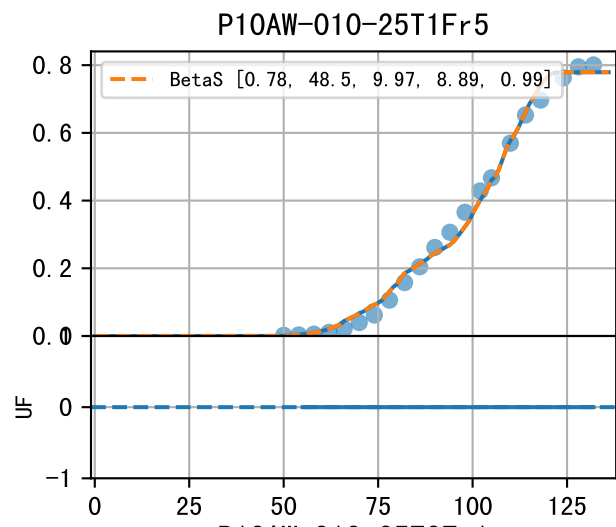
By Start Date

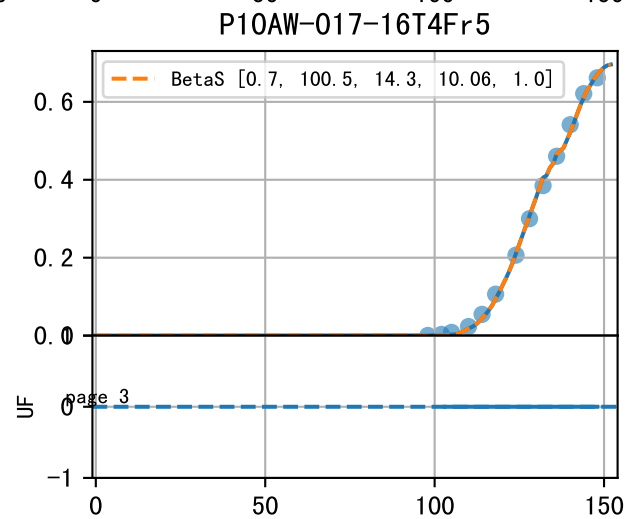
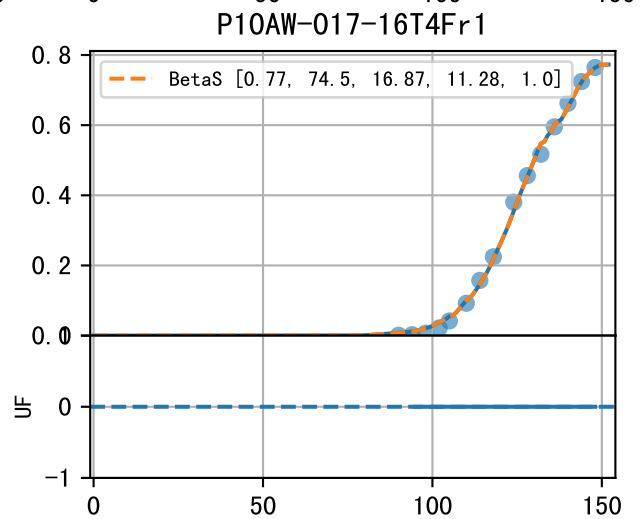
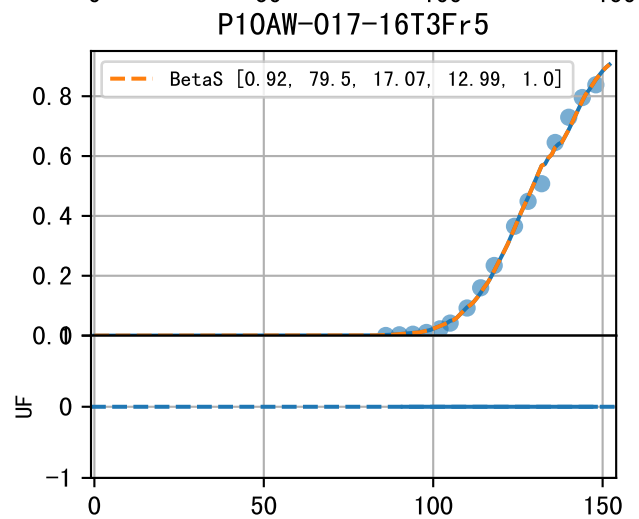
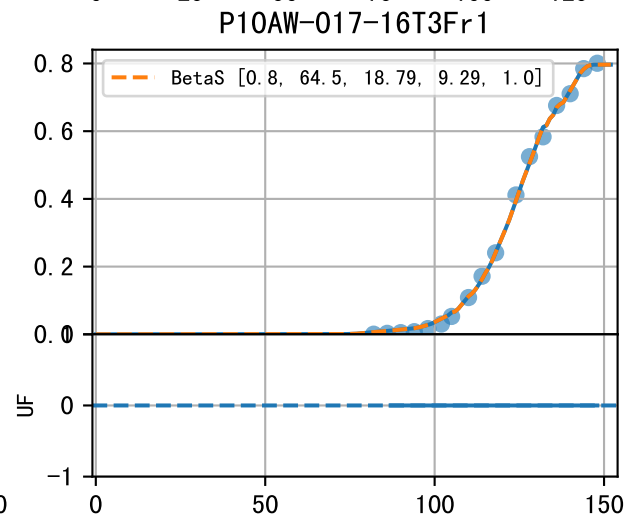
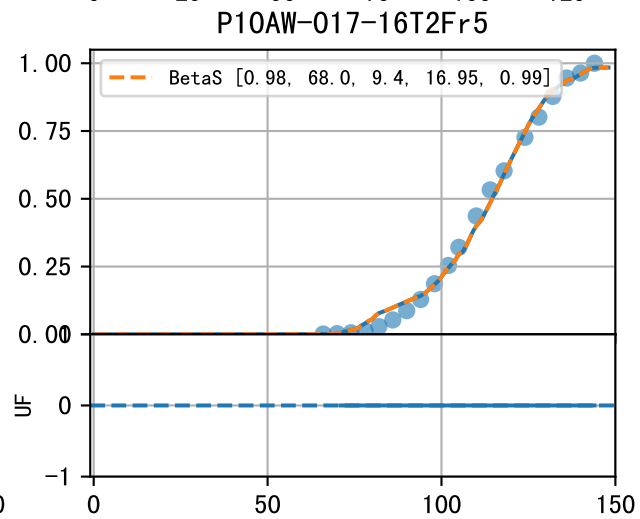
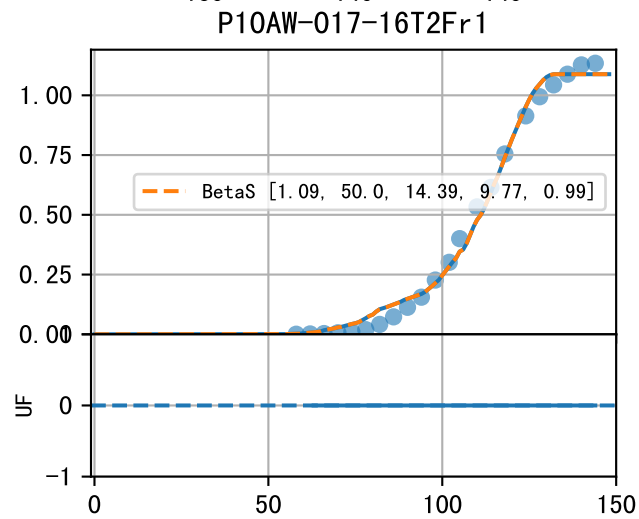
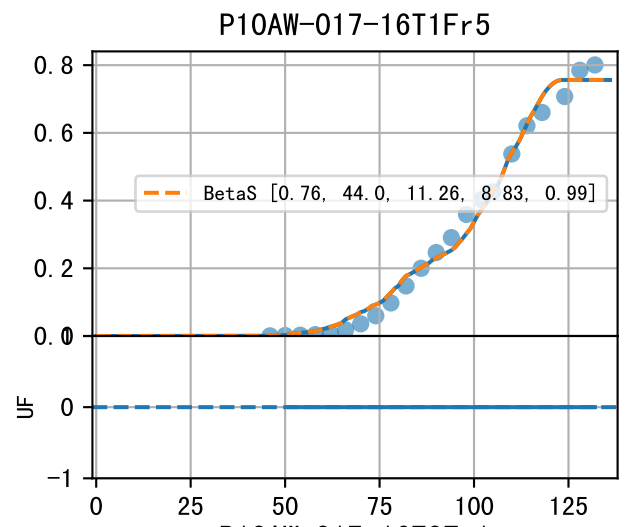
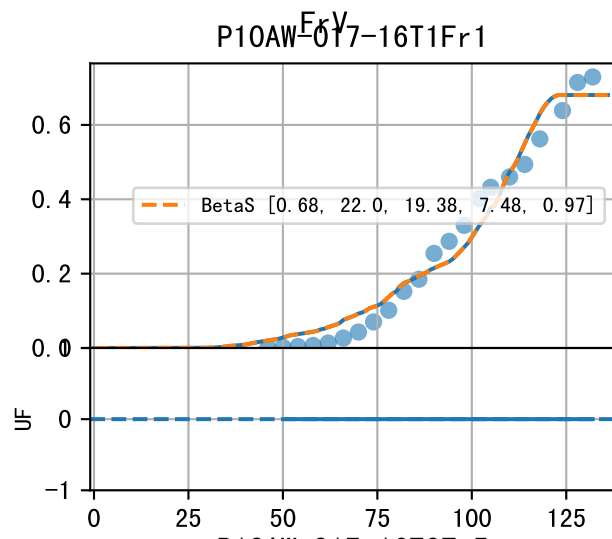
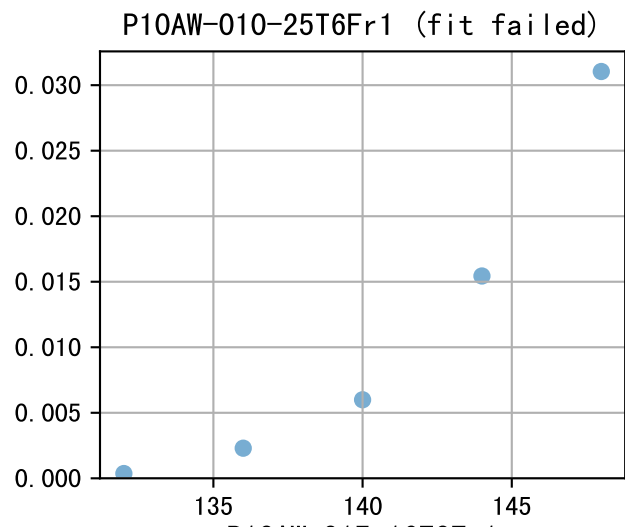


By Plant/Organ Age

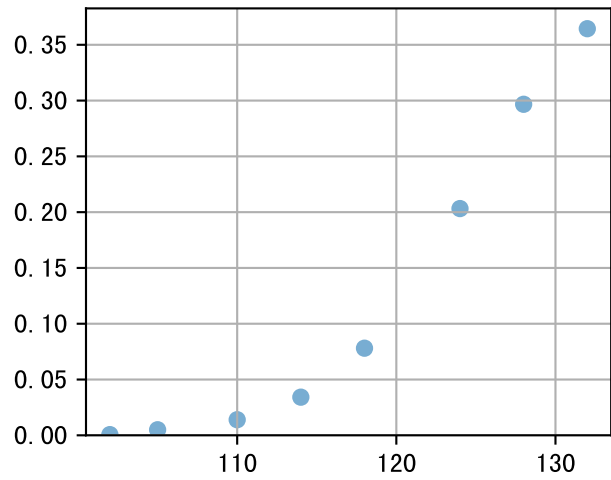




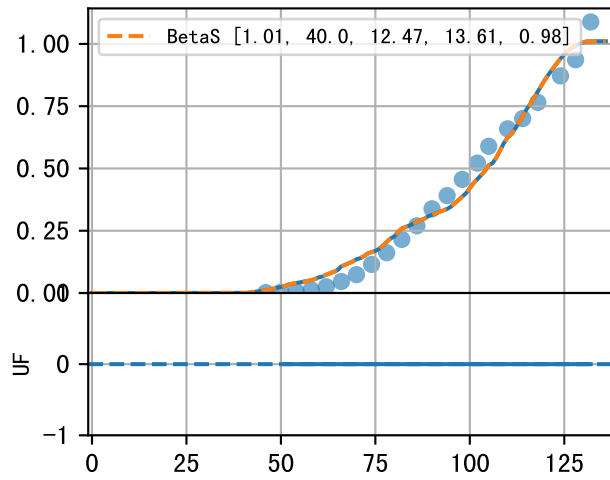




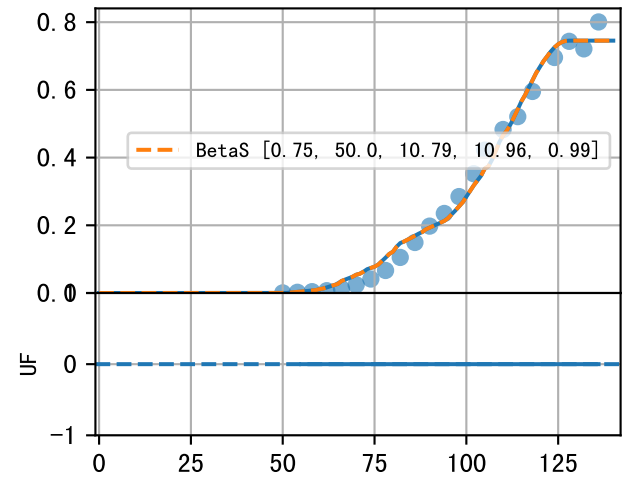
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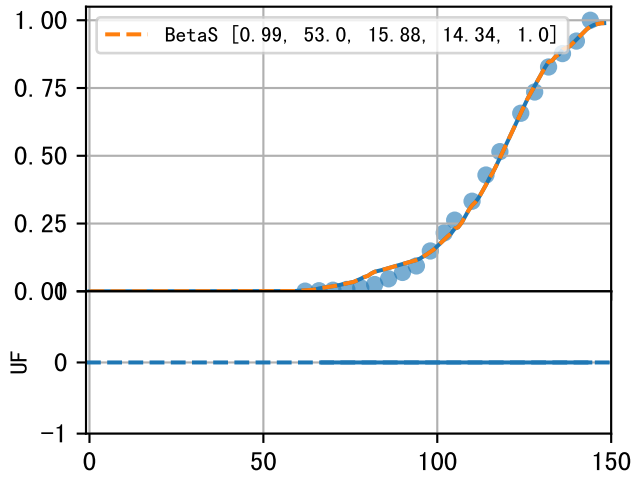
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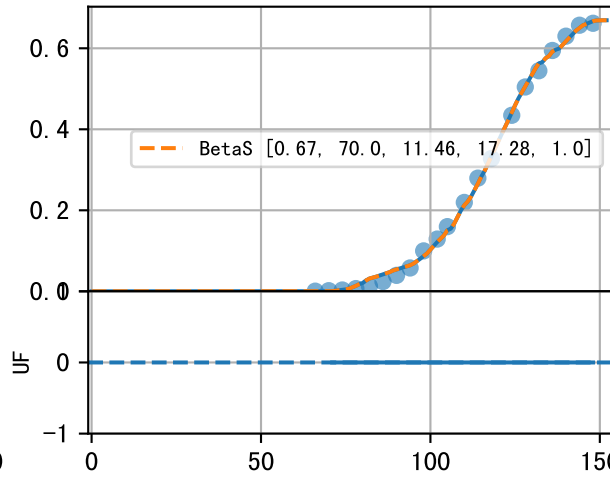
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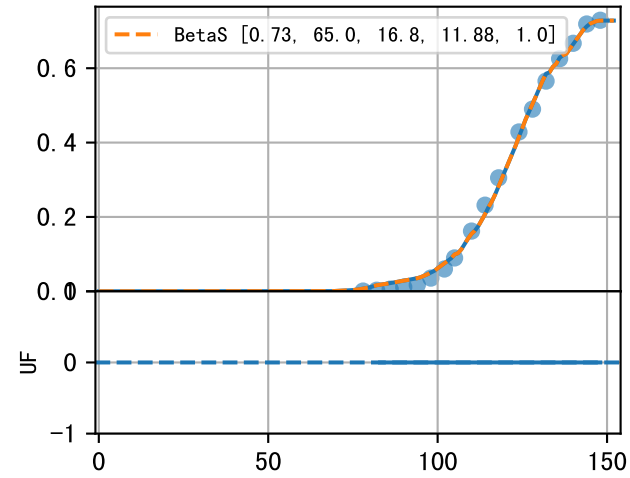
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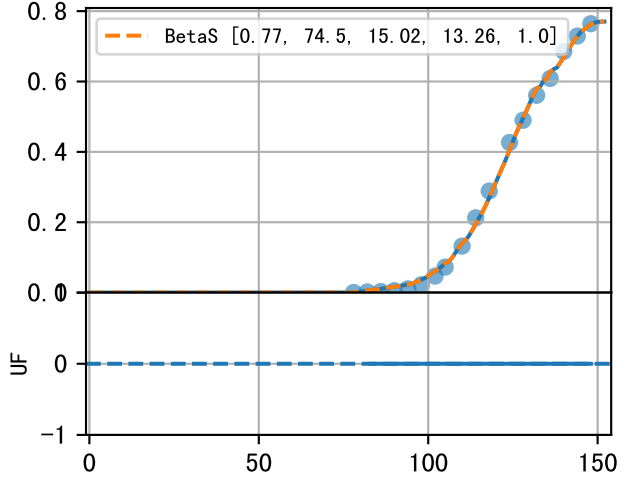
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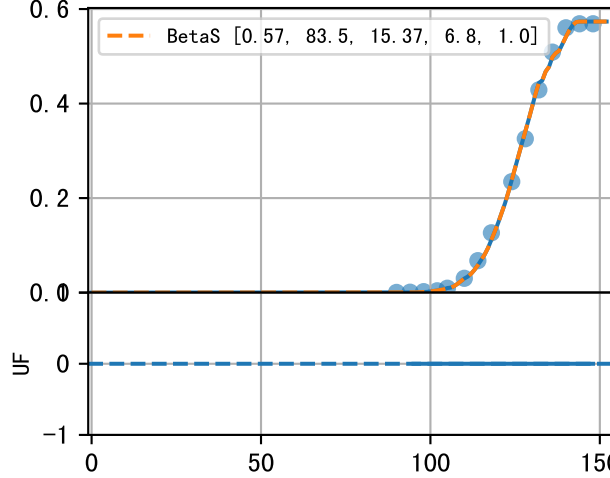
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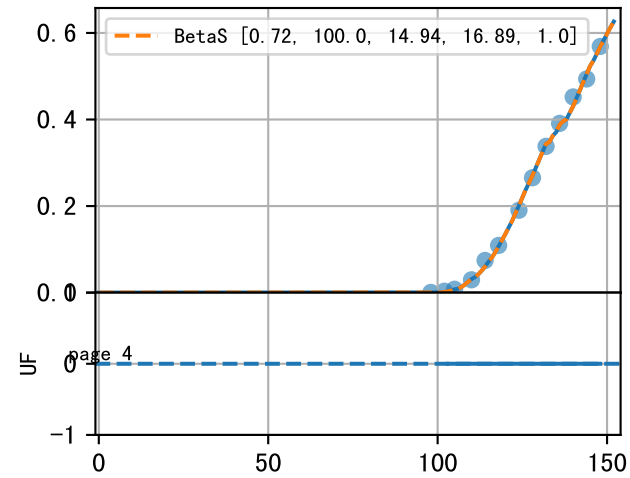
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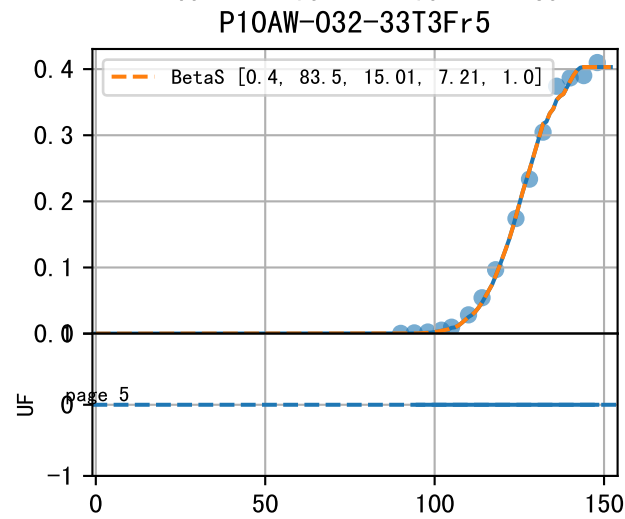
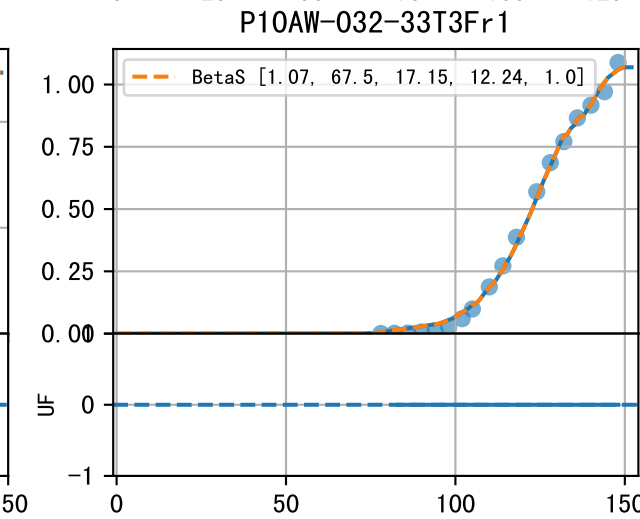
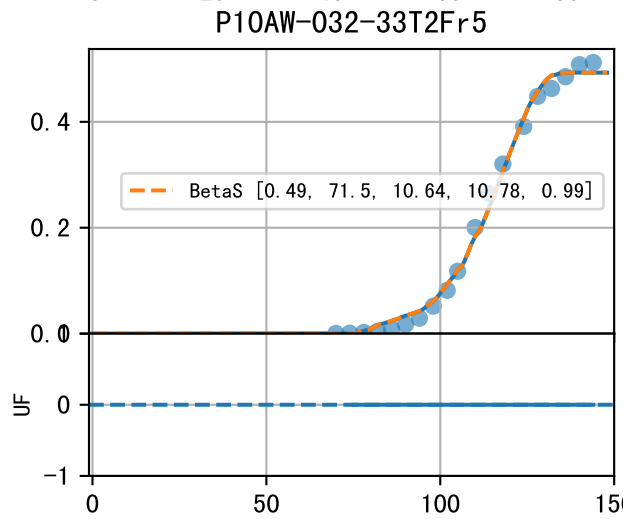
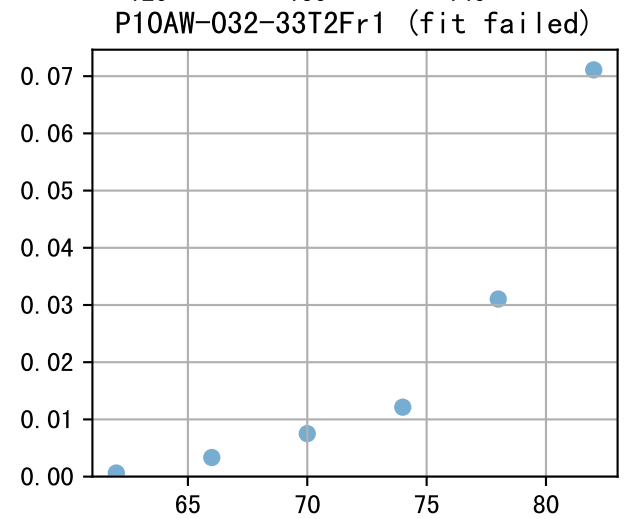
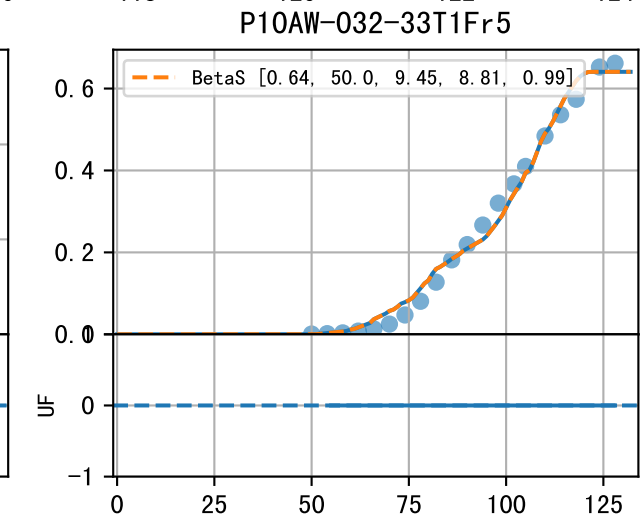
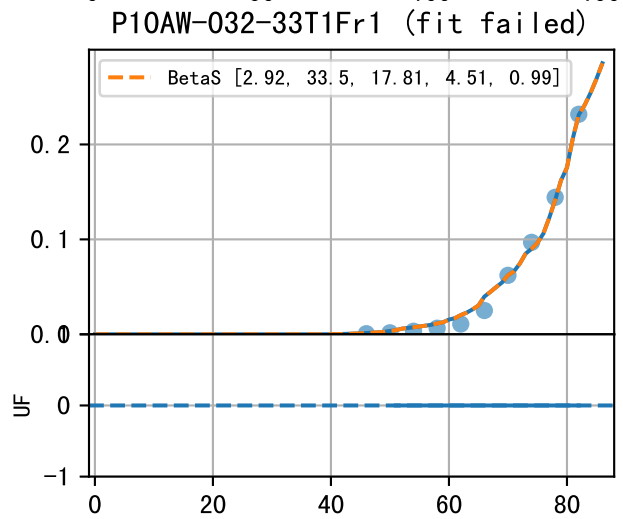
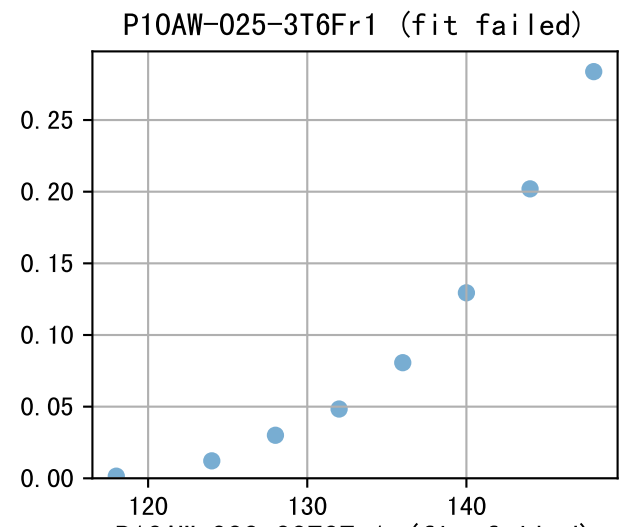
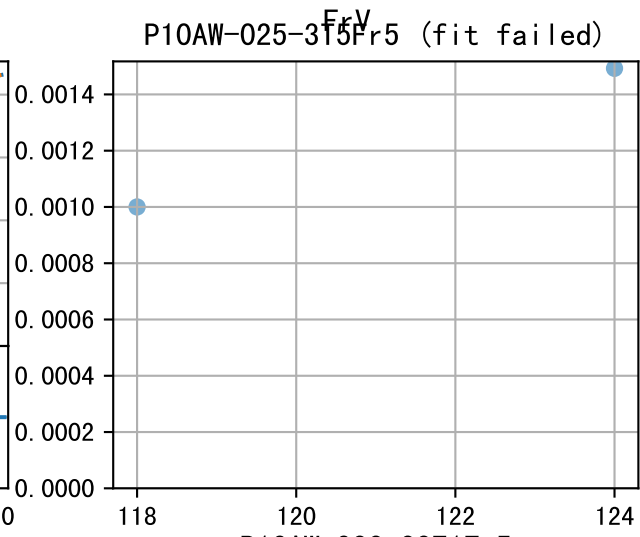
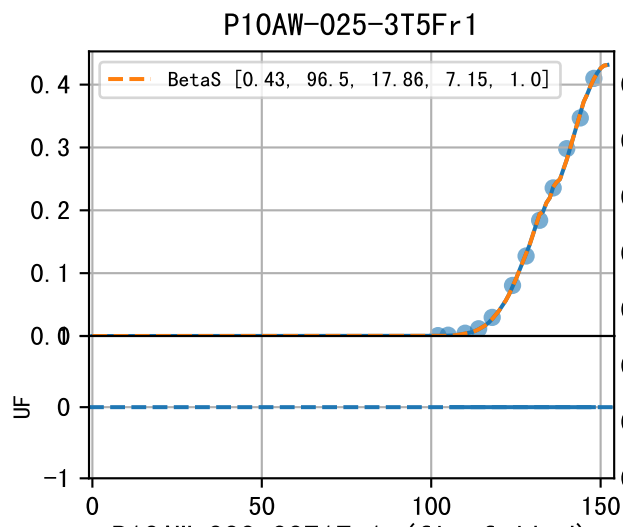


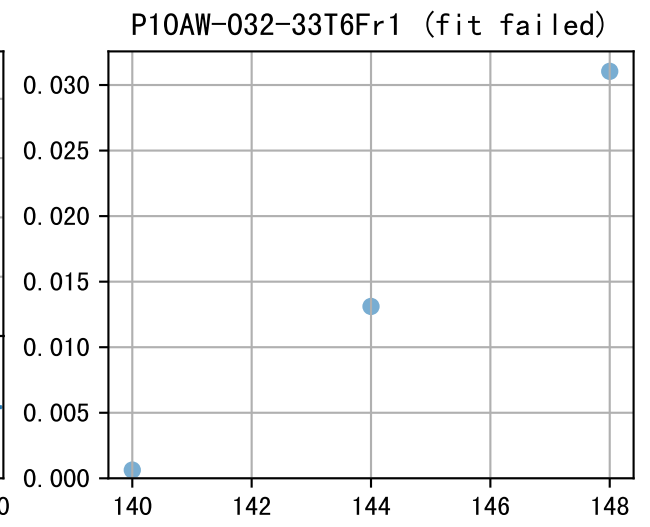
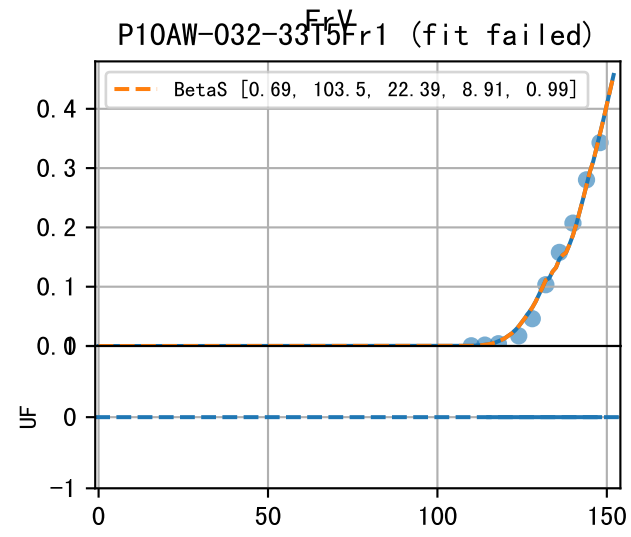
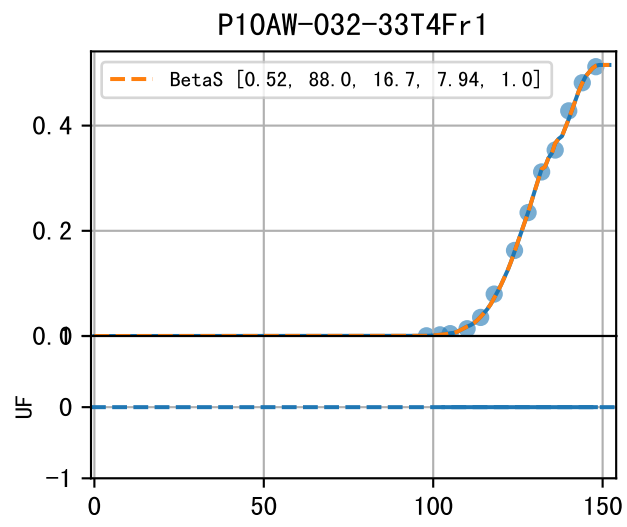
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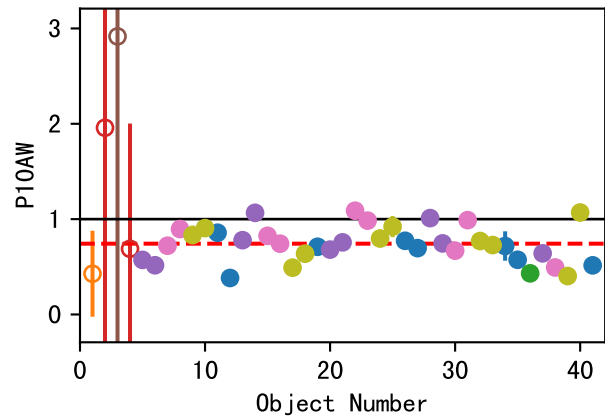
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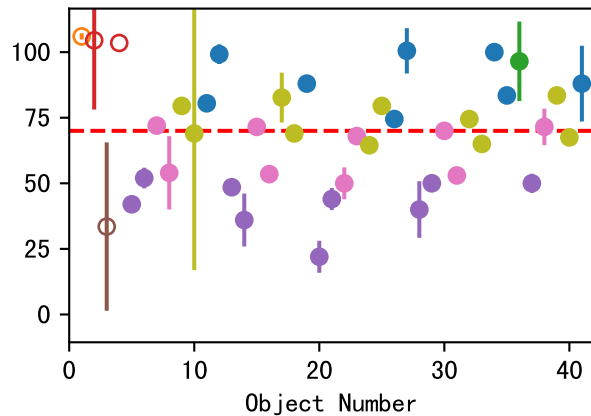




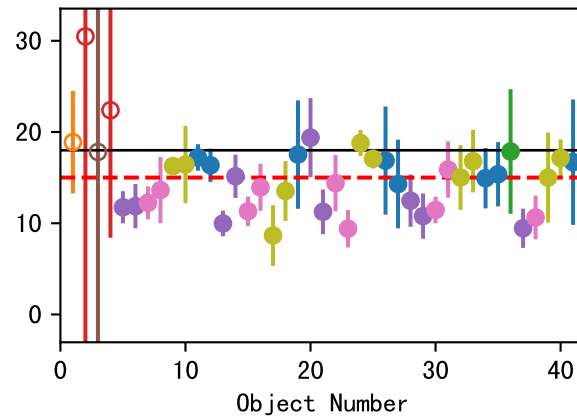
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avg1=0.74~26% avg2=na



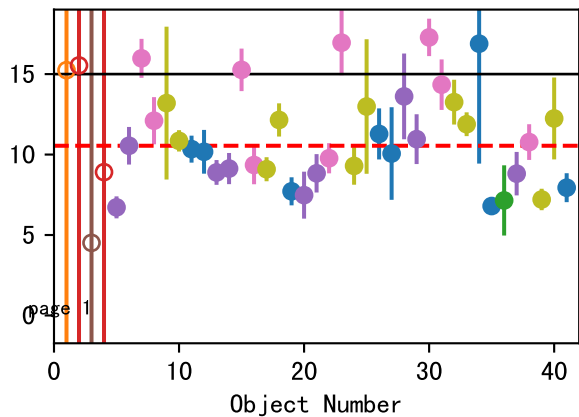
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avg1=10.55~51% avg2=na



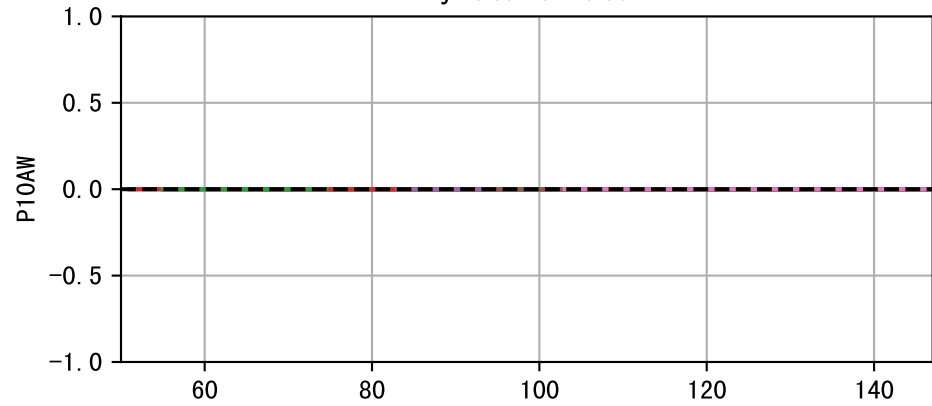
dm (Def=18 Set=15.01)
avg1=15.01~21% avg2=na



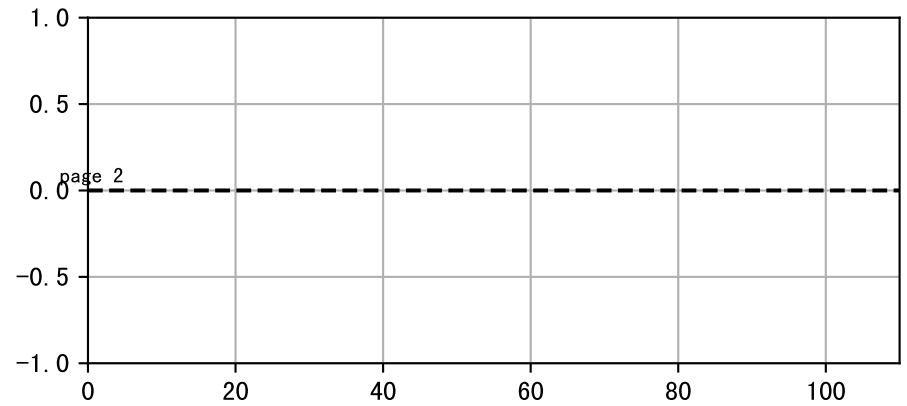
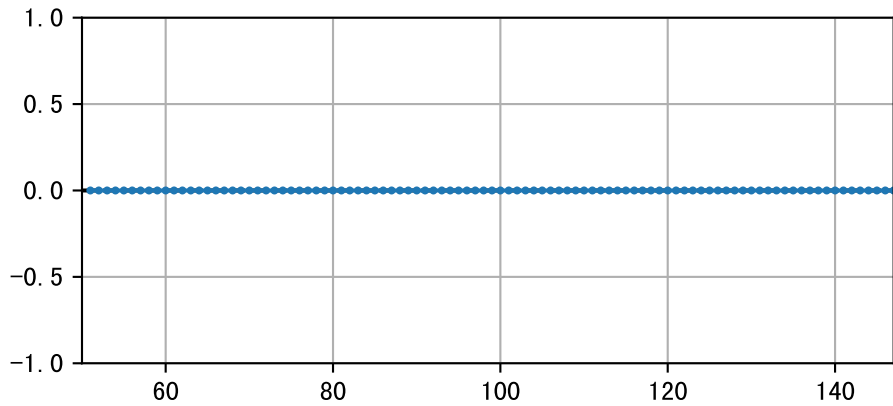
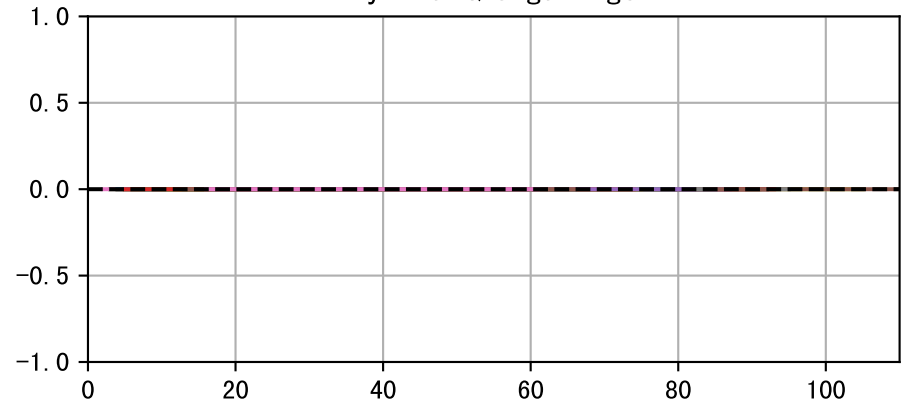
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avg1=10.55~28% avg2=na

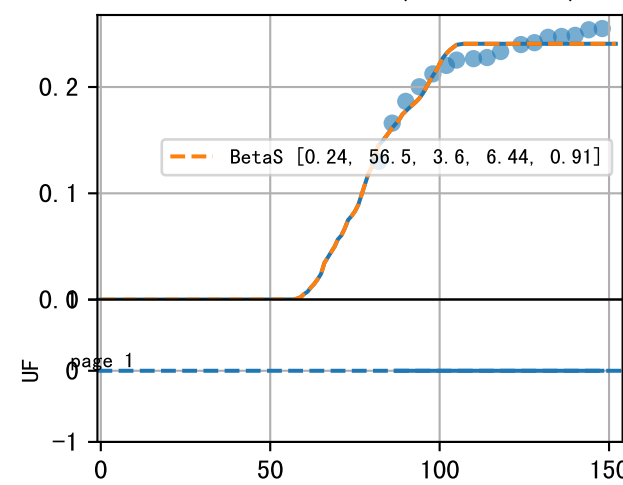
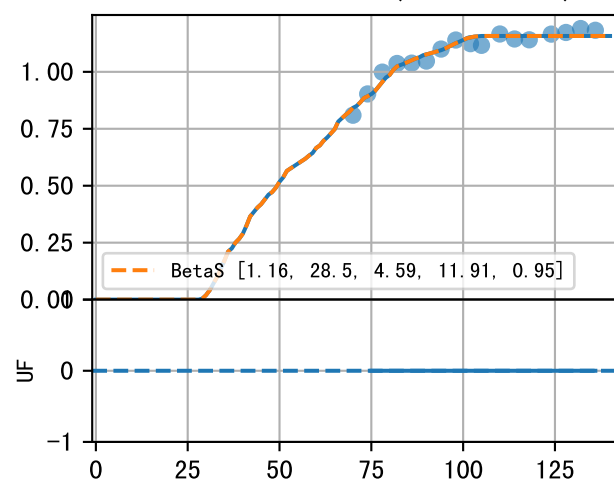
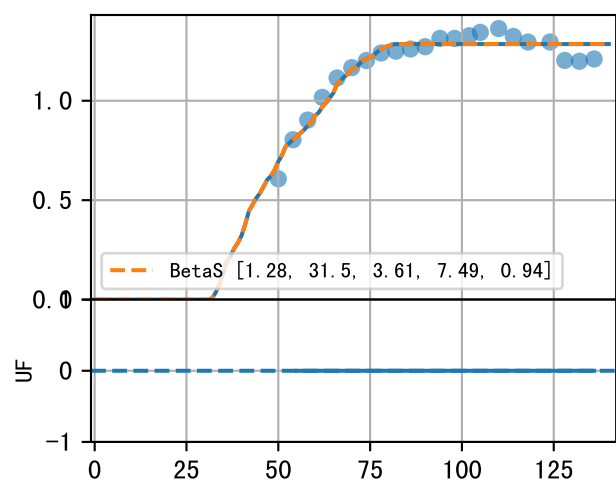
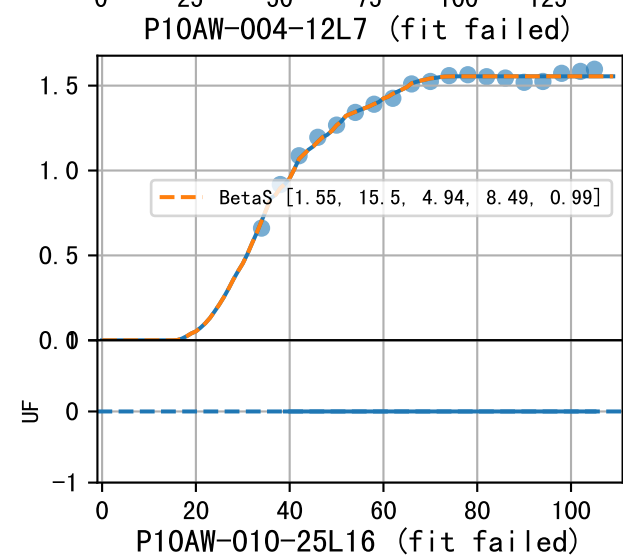
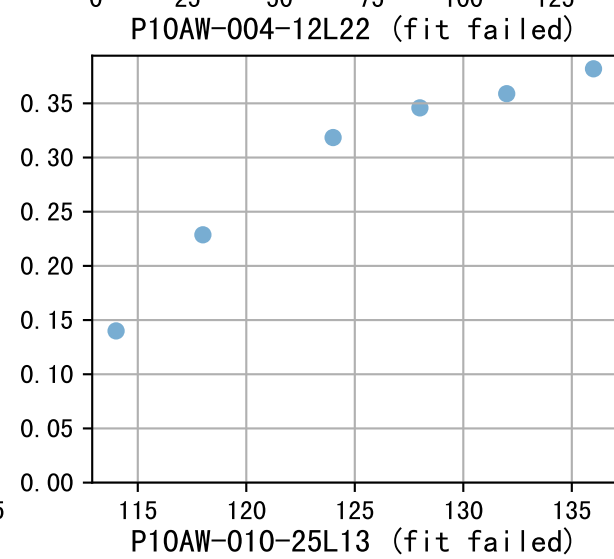
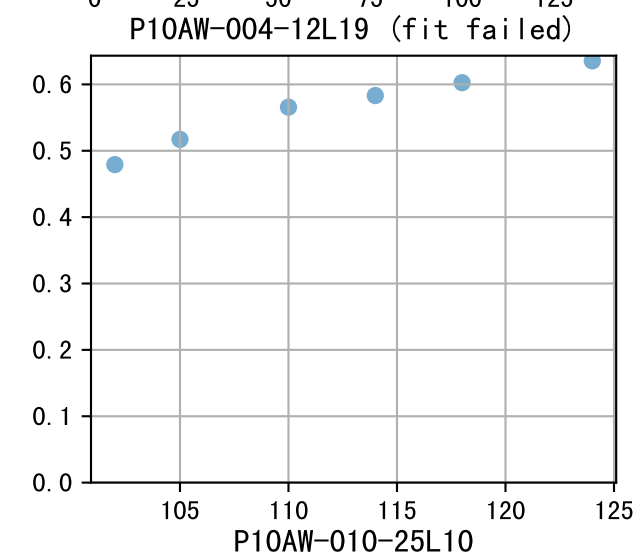
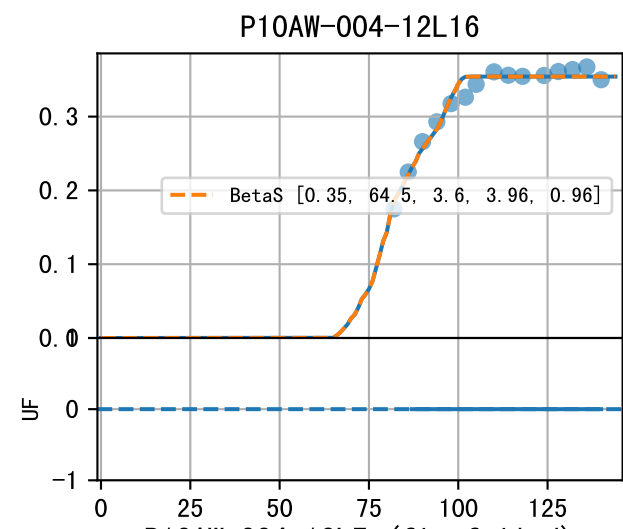
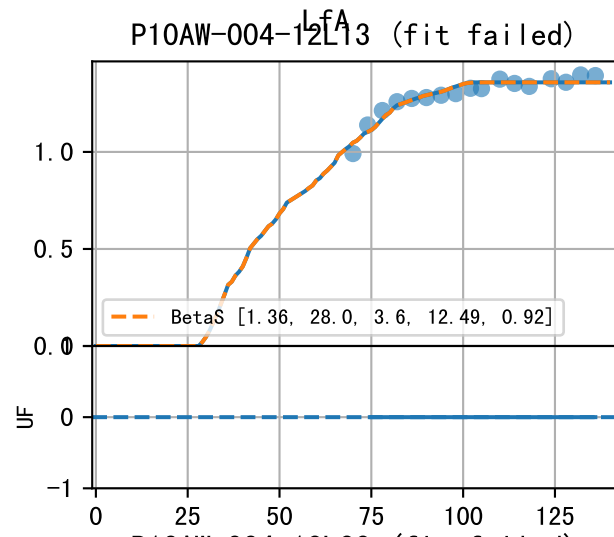
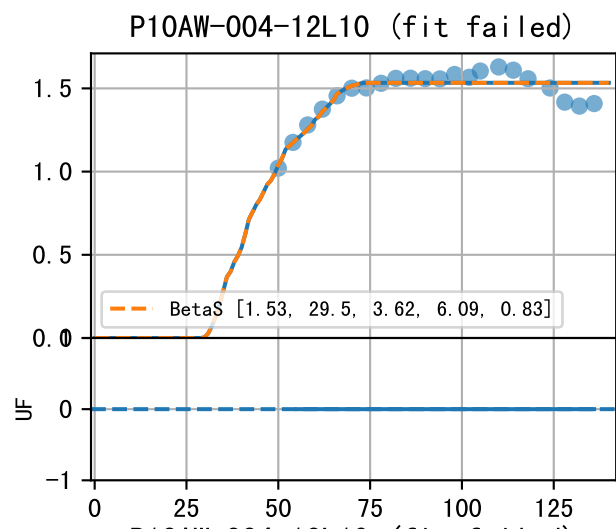


By Start Date

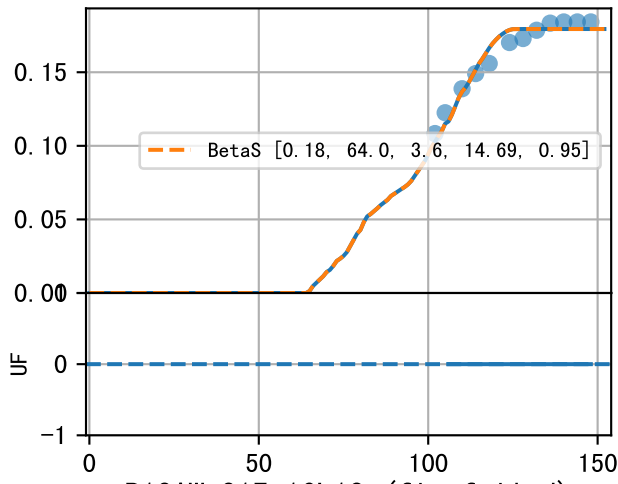


By Plant/Organ Age

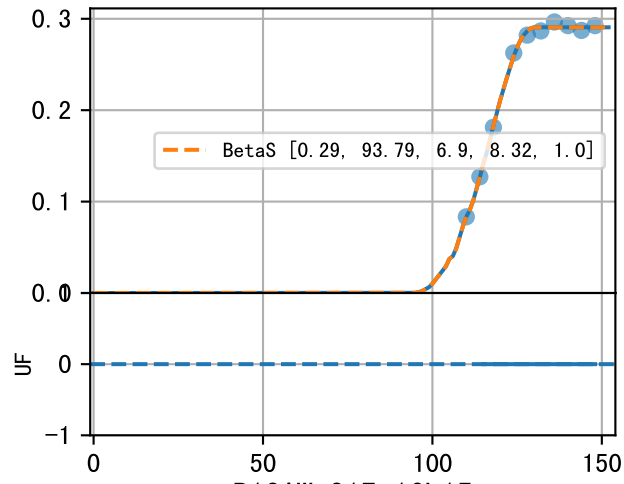




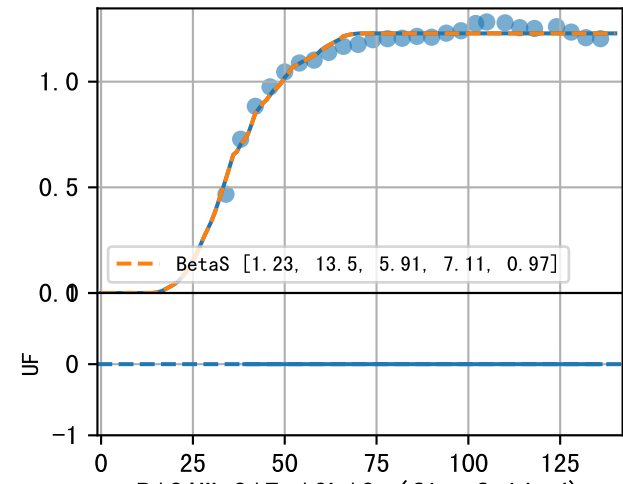
P10AW-010-25L19 (fit failed)



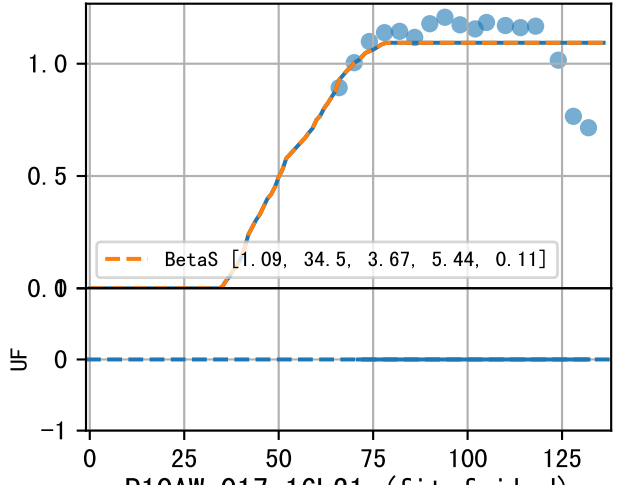
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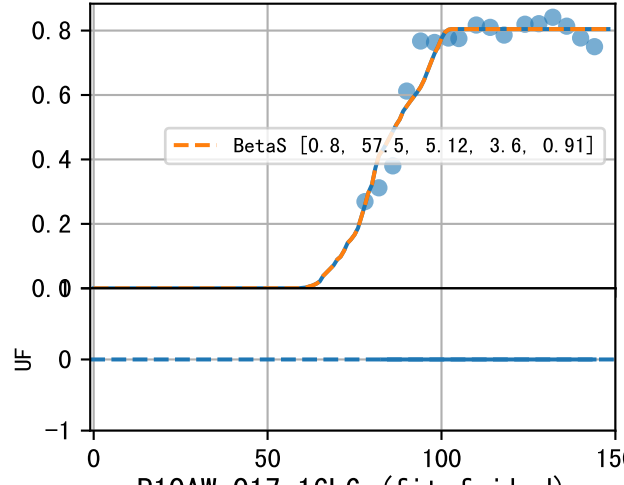
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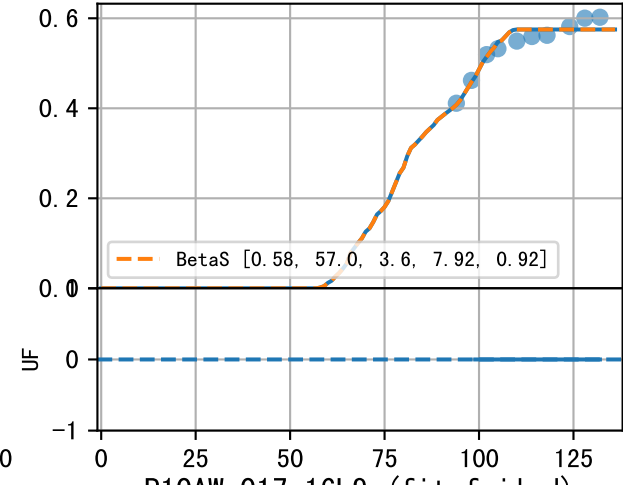
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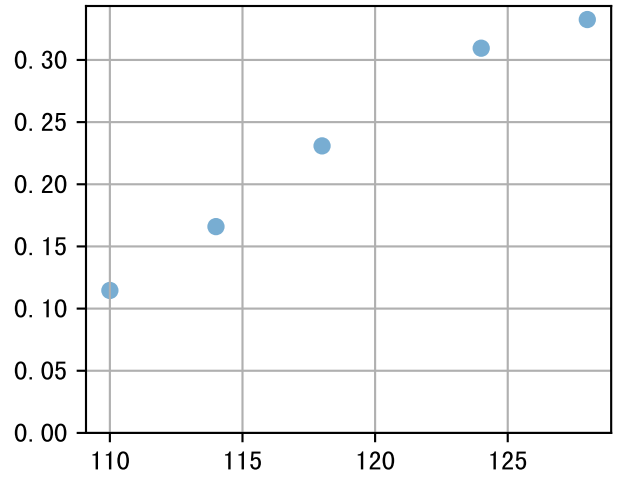
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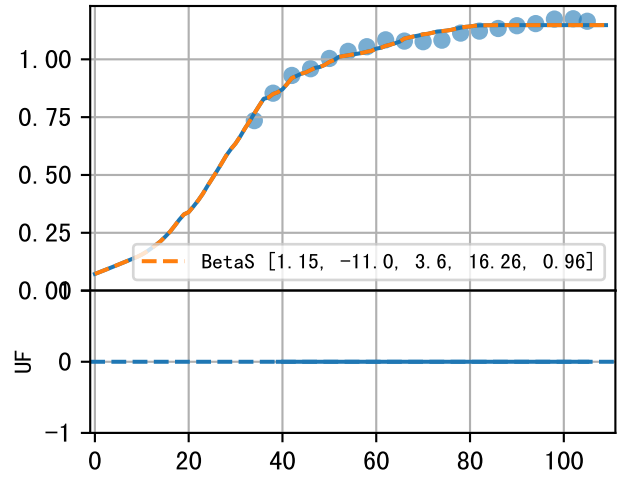
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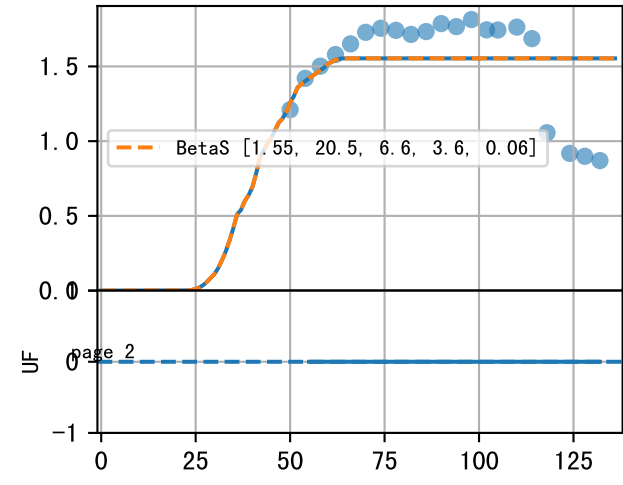
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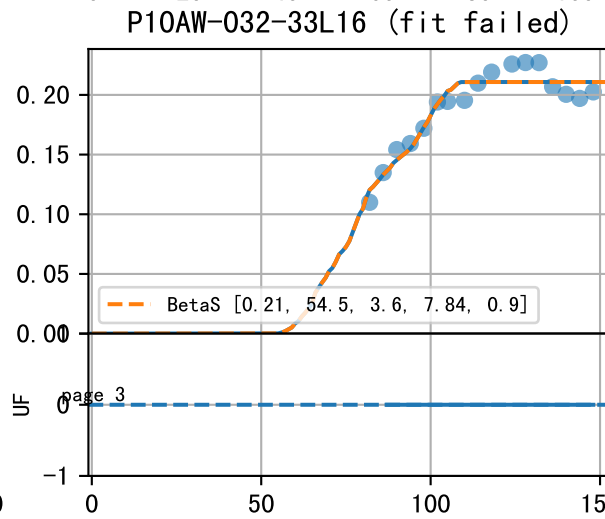
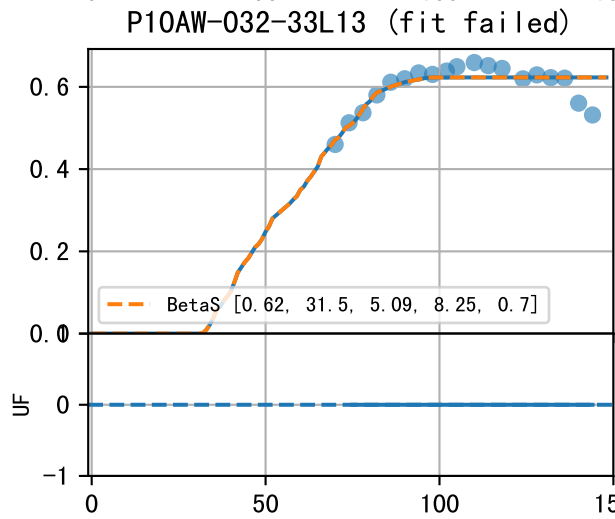
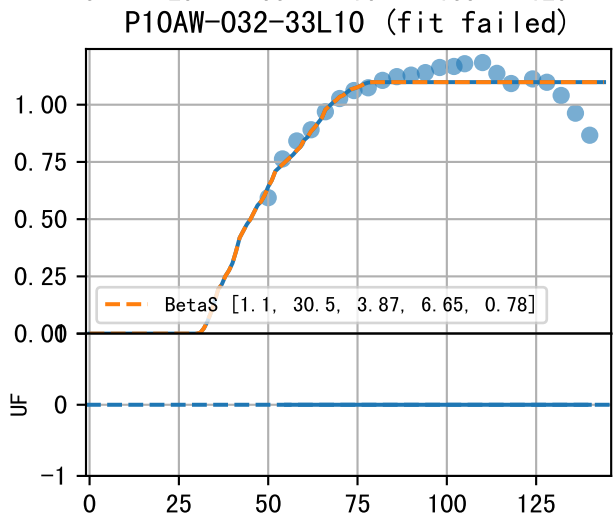
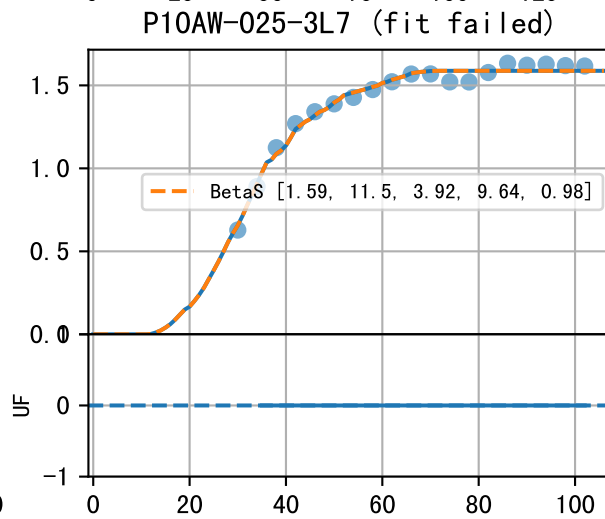
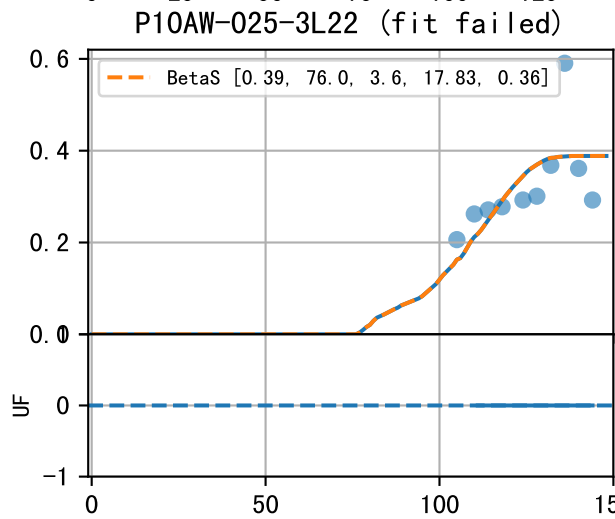
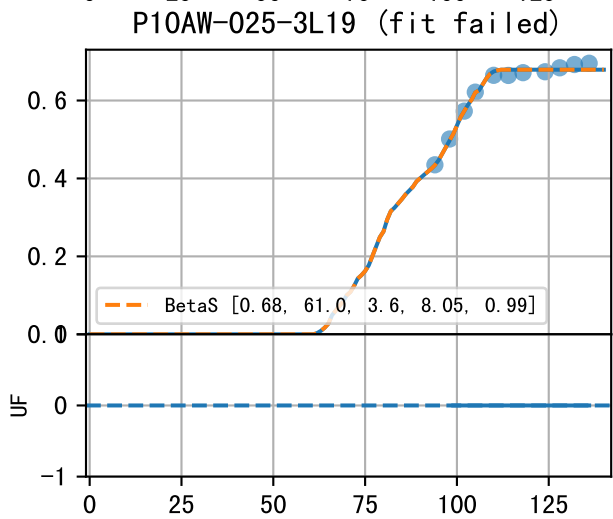
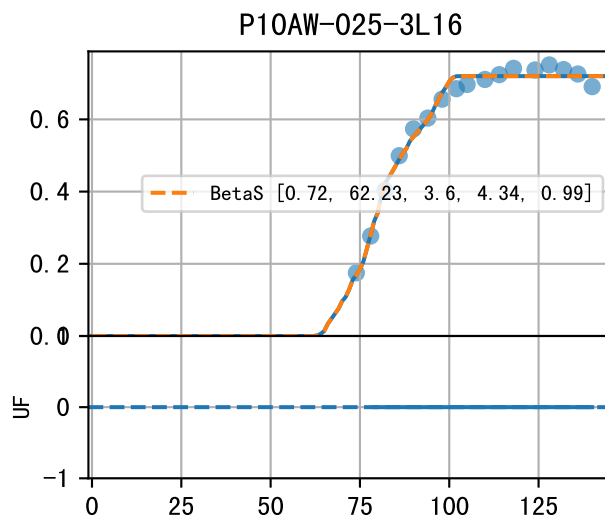
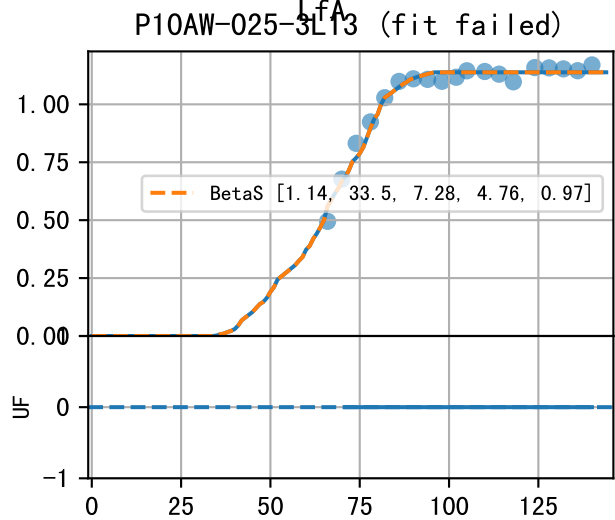
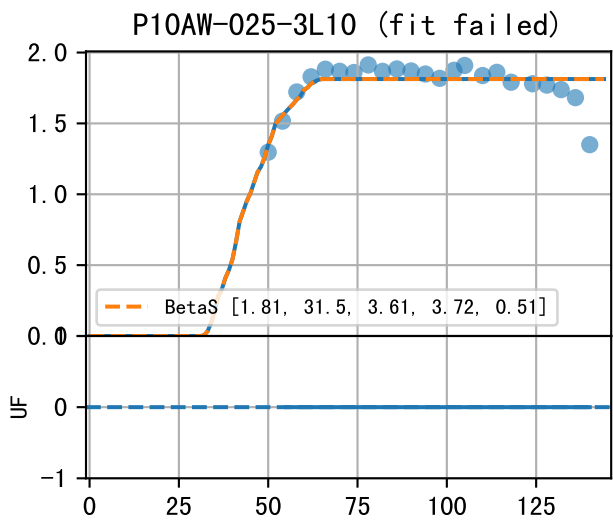


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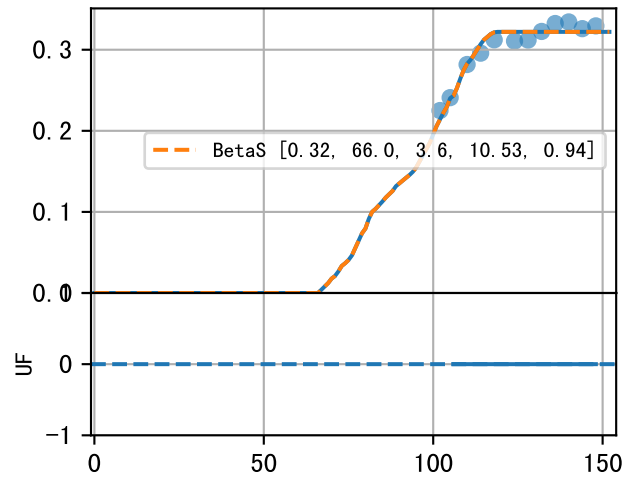


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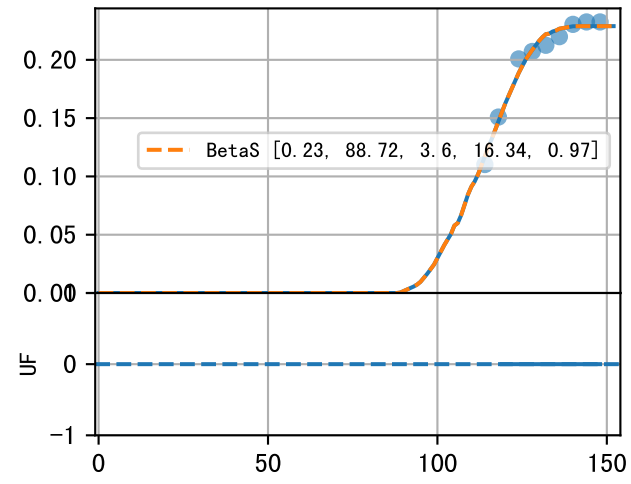




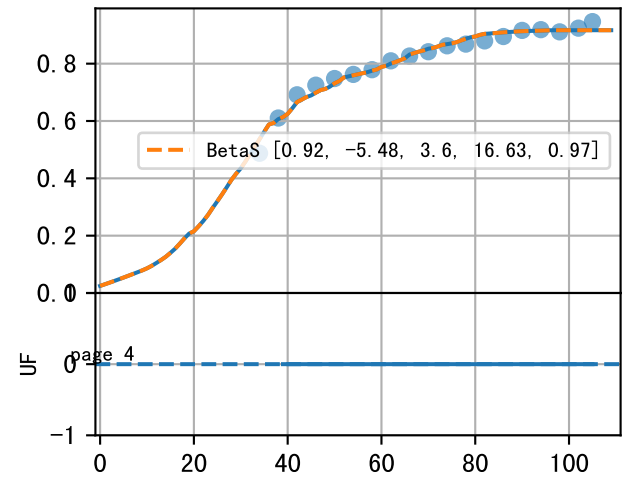
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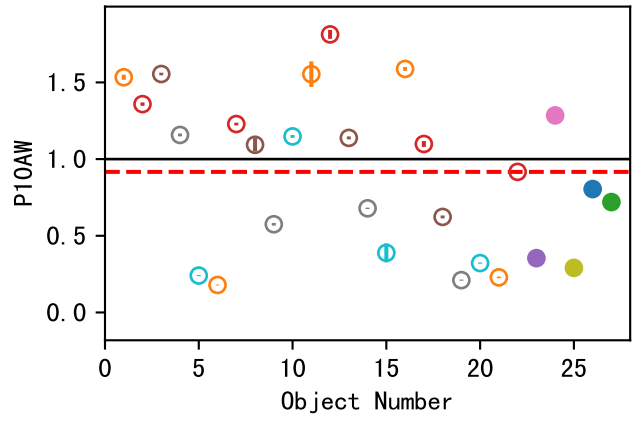
P10AW-032-33L22 (fit failed)



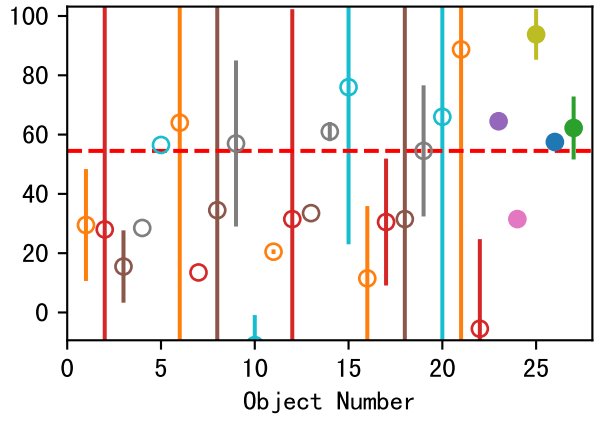
P10AW-032-33L7 (fit failed)



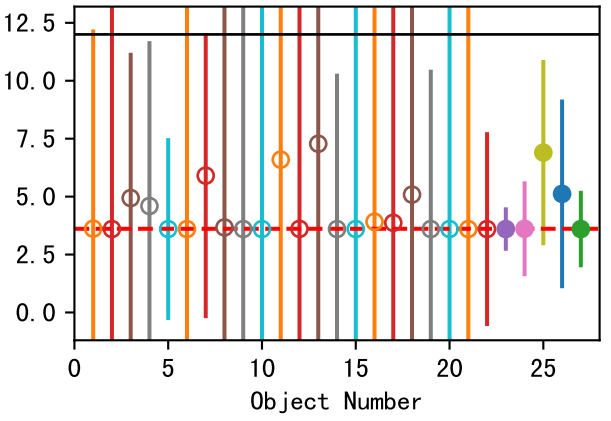
rmax (Def=1 Set=0.92)
avg1=0.92~55% avg2=na



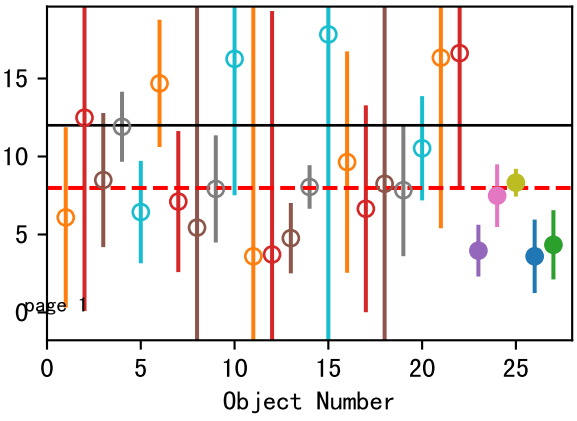
tb (Def=na Set=na)
avg1=15.0~42% avg2=na



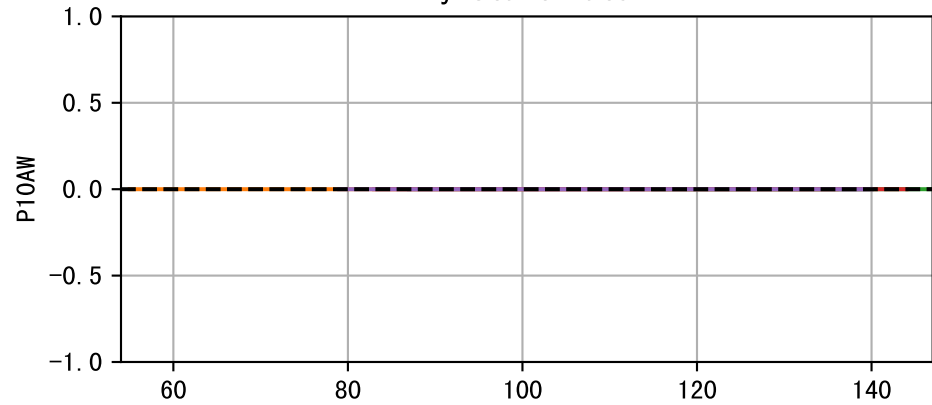
dm (Def=12 Set=3.61)
avg1=3.61~40% avg2=na



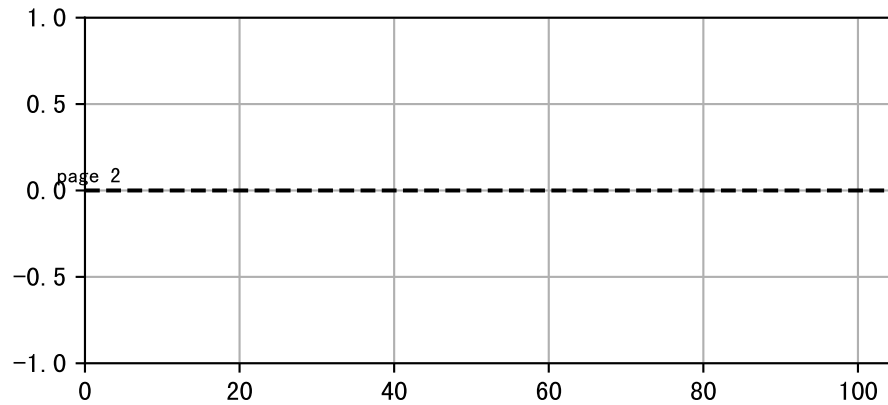
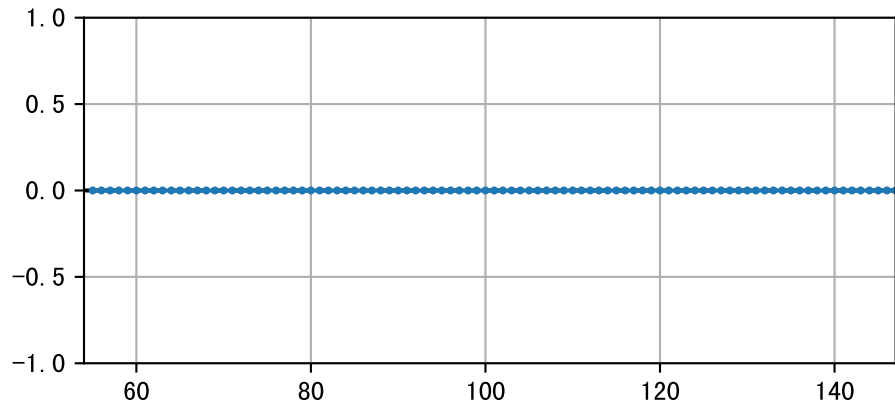
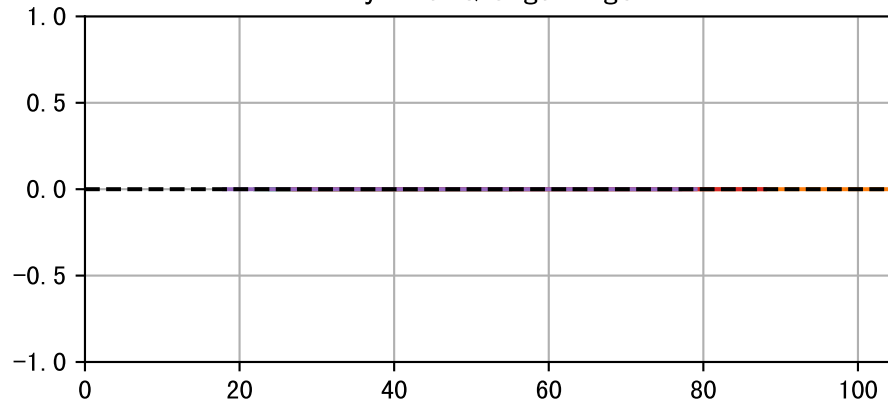
de (Def=12 Set=7.98)
avg1=7.98~51% avg2=na



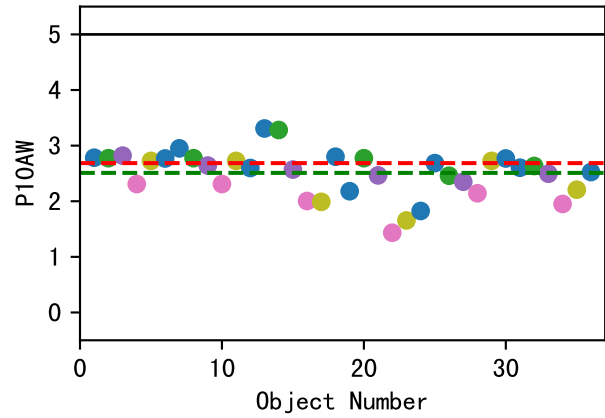
By Start Date



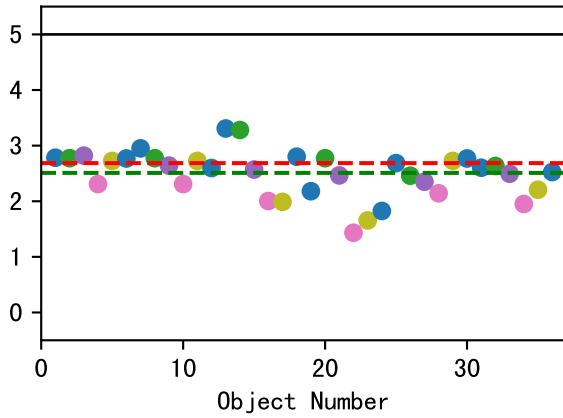
By Plant/Organ Age



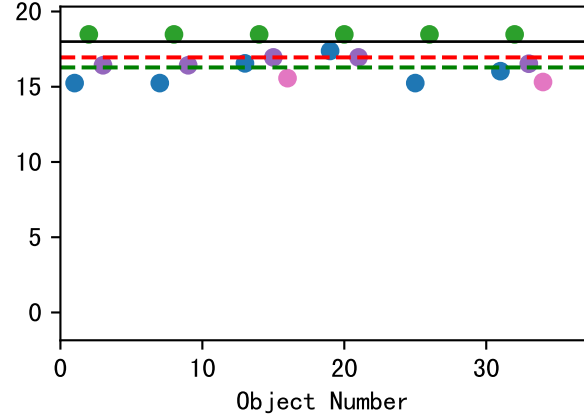
PI_dm (Def=5 Set=2.69)
avg1=2.69~14% avg2=2.51~11%



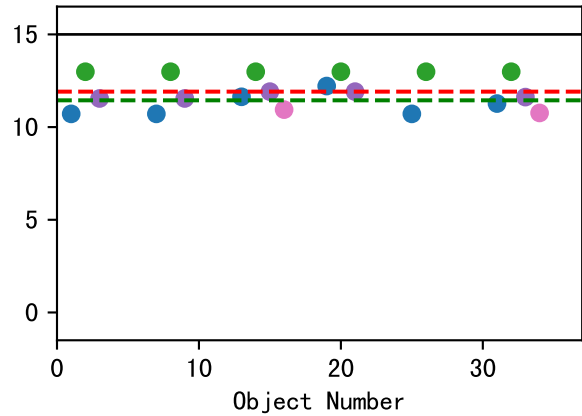
PI_de (Def=5 Set=2.69)
avg1=2.69~14% avg2=2.51~11%



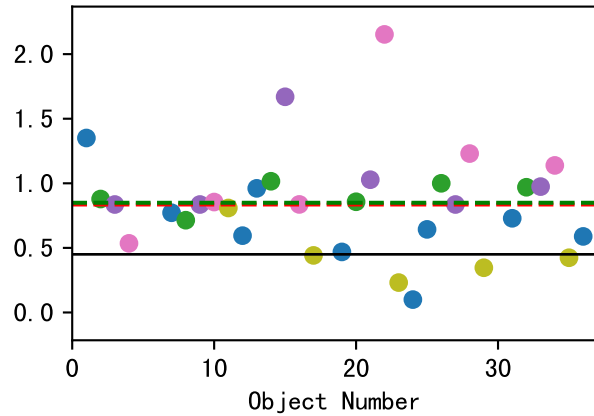
FrV_dm (Def=16 Set=16.95)
avg1=16.95~8% avg2=16.28~8%



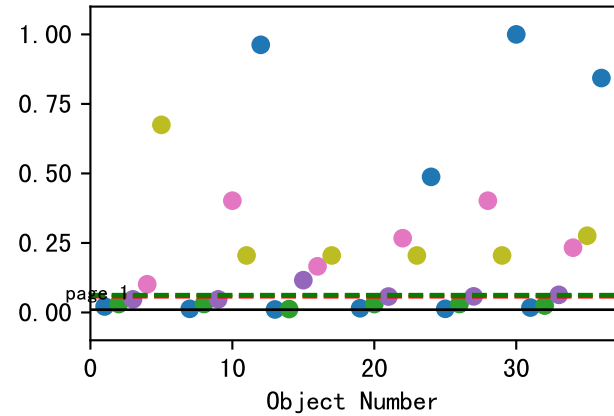
FrV_de (Def=15 Set=11.91)
avg1=11.91~8% avg2=11.44~8%

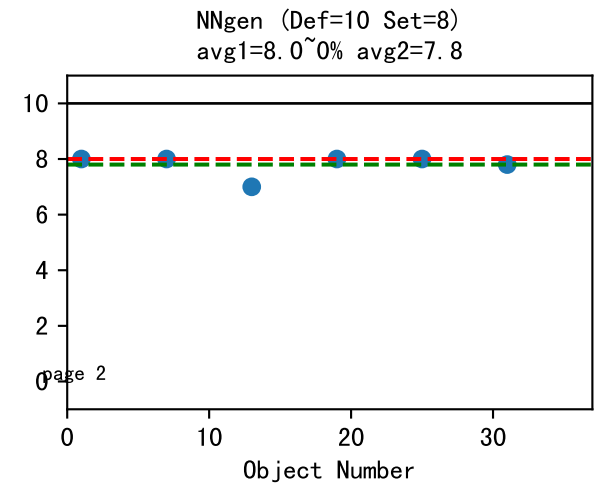
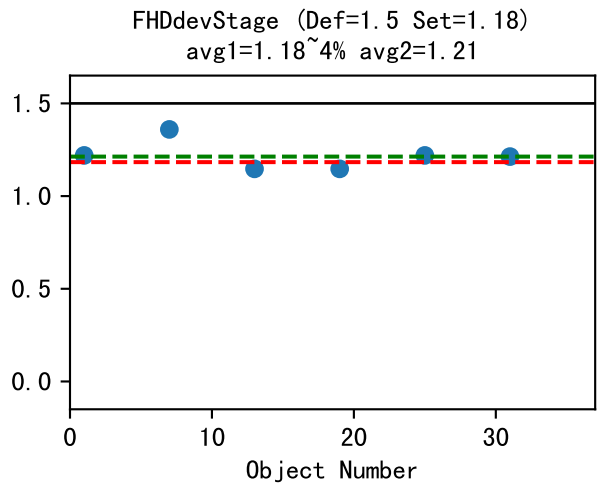
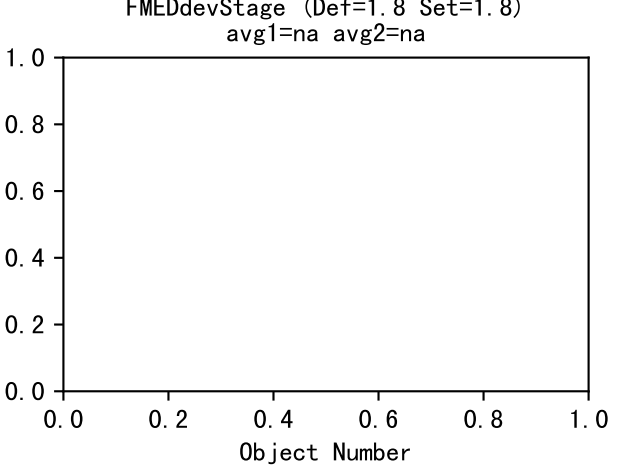
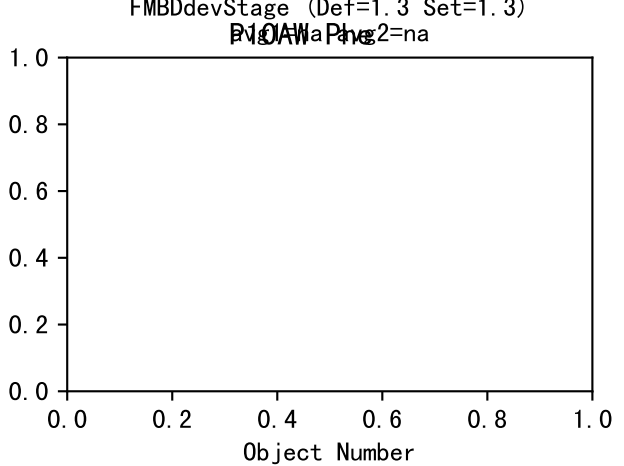
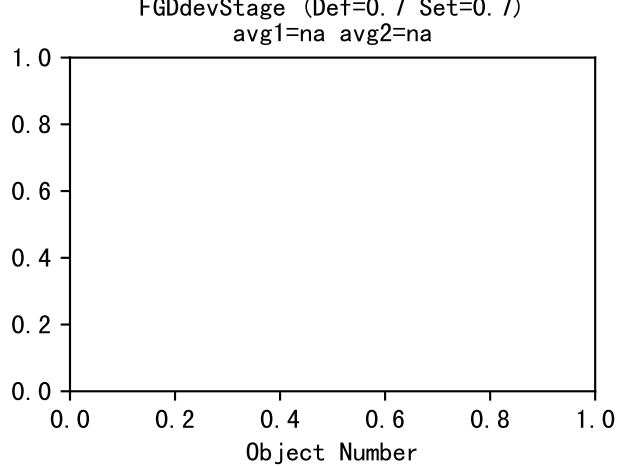


FrN_a (Def=0.45 Set=0.84)
avg1=0.84~36% avg2=0.85~32%



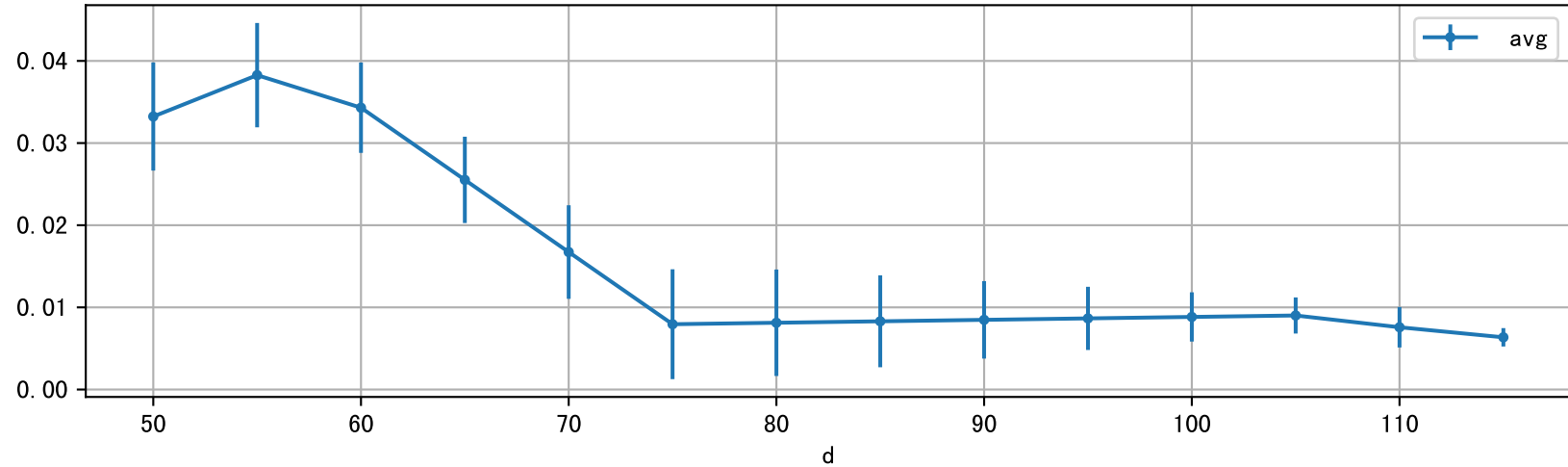
FSDdevStage (Def=0.01 Set=0.01)
avg1=0.06~243% avg2=0.06~193%



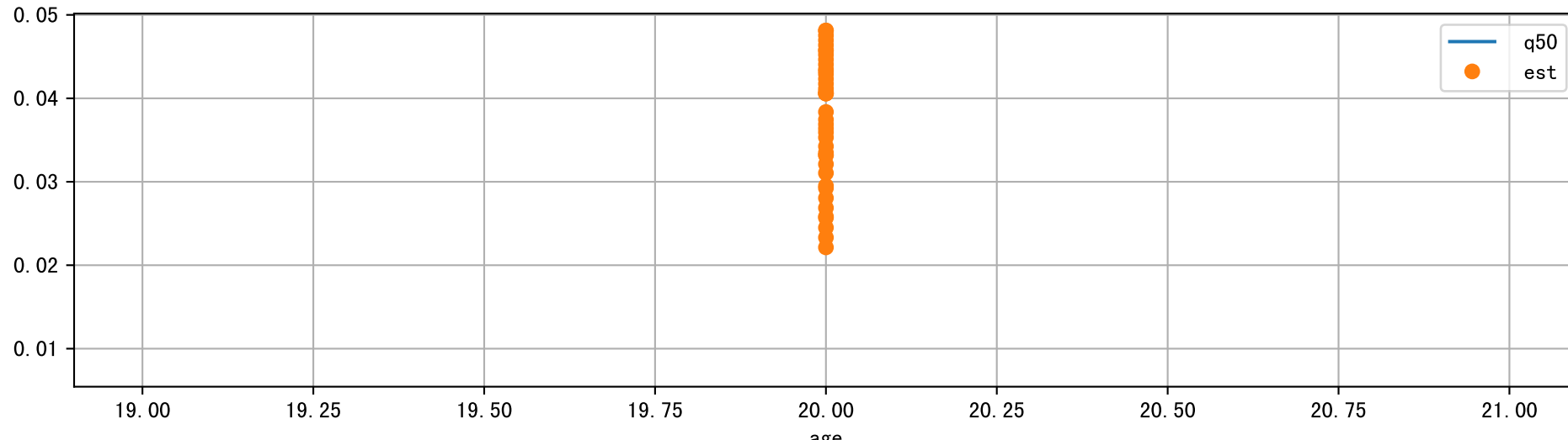


LfA: avg vs. d at each age group

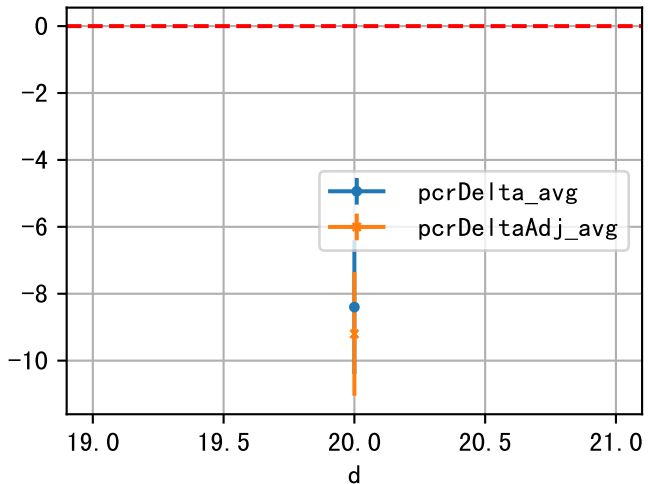
age=20



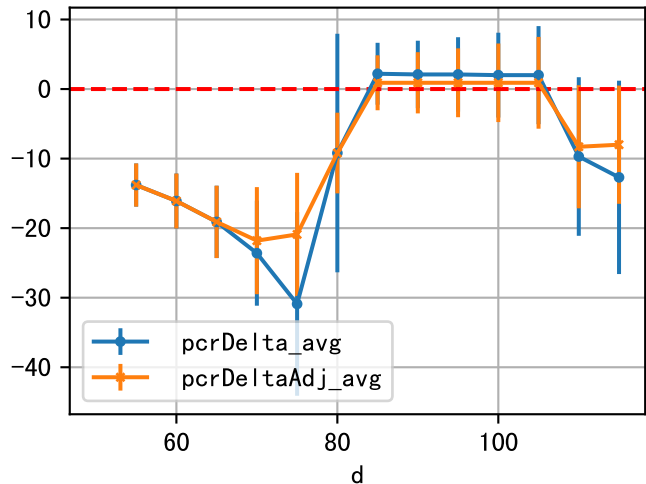
LfA: model est vs obs0v@Q50



DeltaTypeAbbr=GrpByAge

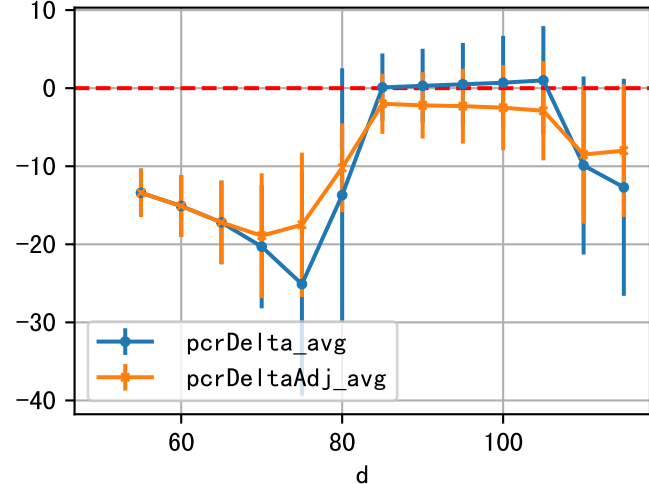


DeltaTypeAbbr=GrpByDay

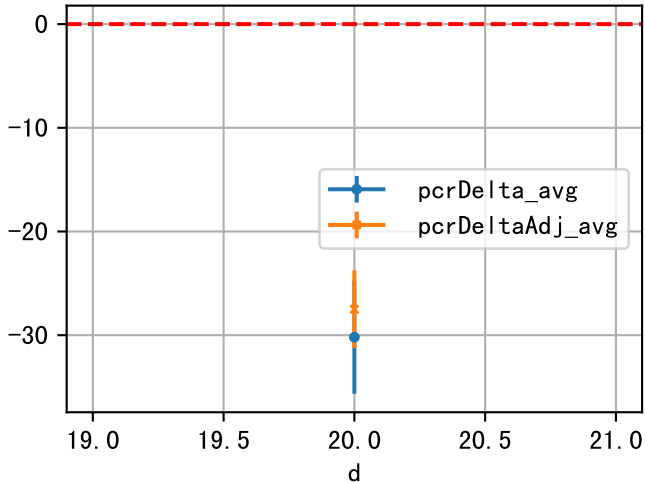


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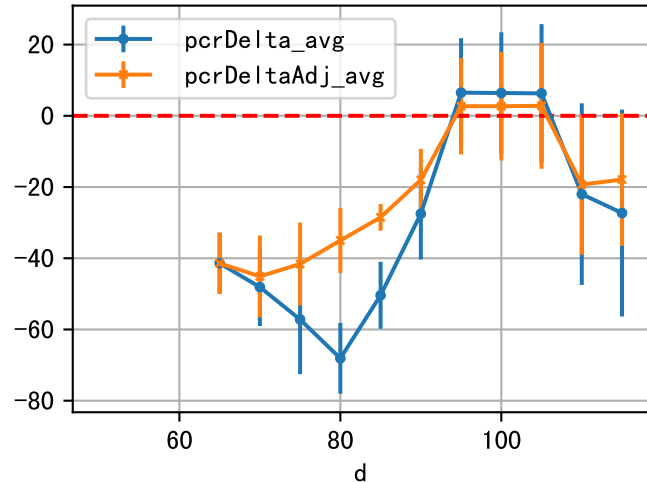
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

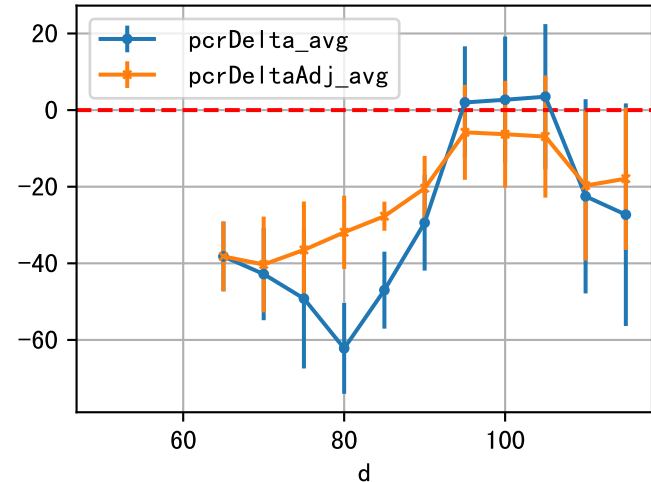


DeltaTypeAbbr=GrpByDay

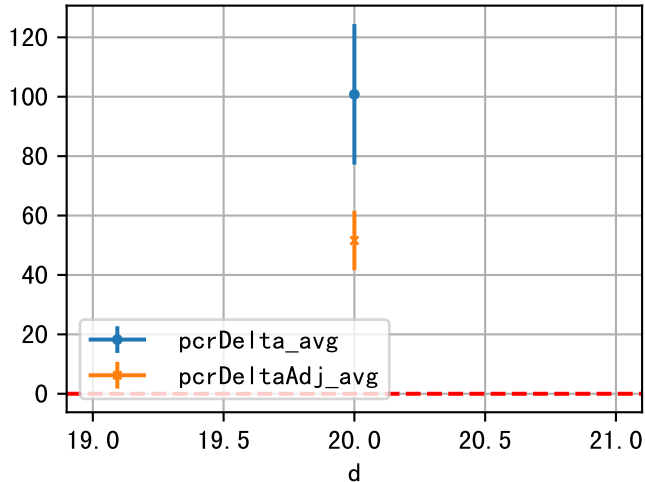


page 4

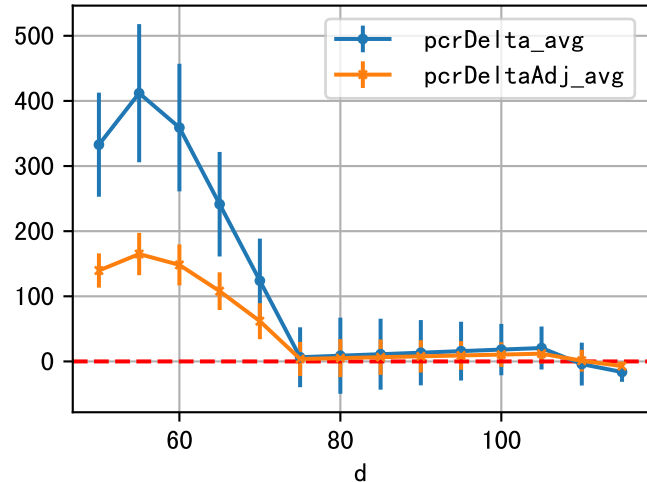
DeltaTypeAbbr=Wei AvgByD



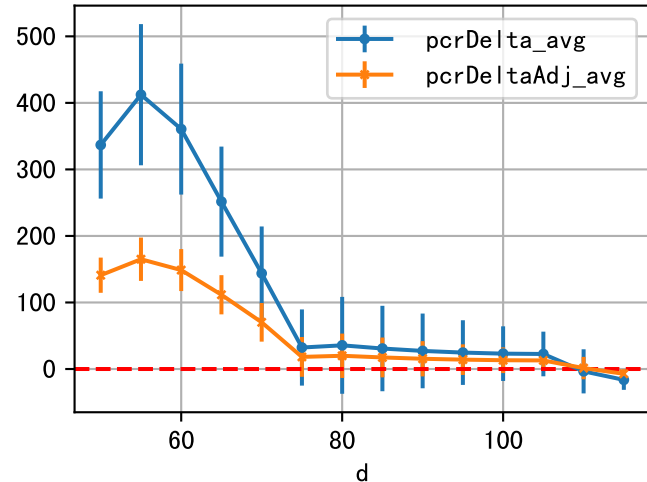
DeltaTypeAbbr=GrpByAge



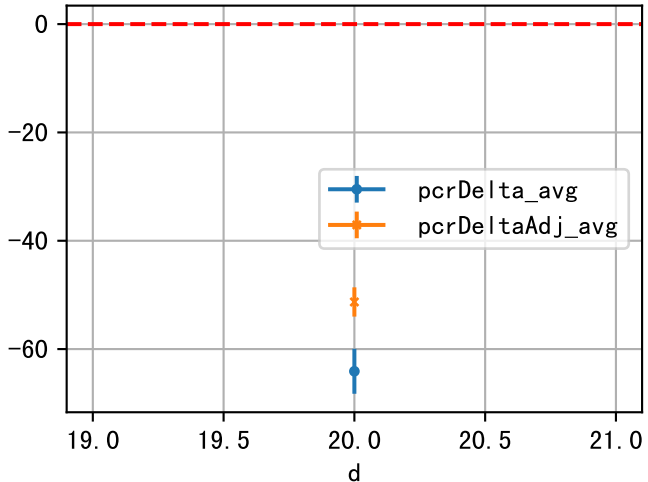
DeltaTypeAbbr=GrpByDay



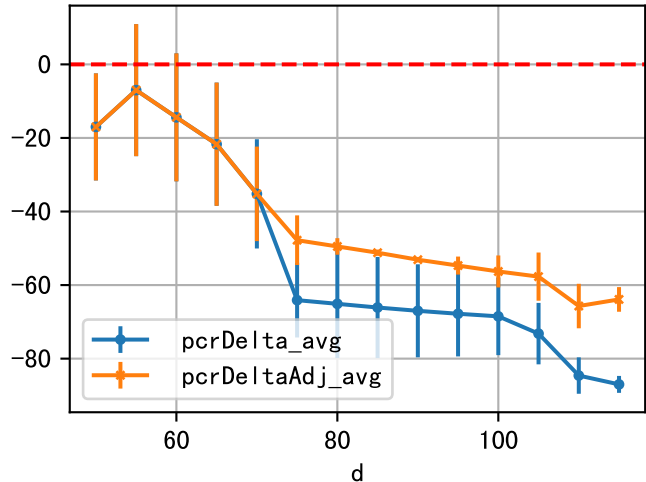
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

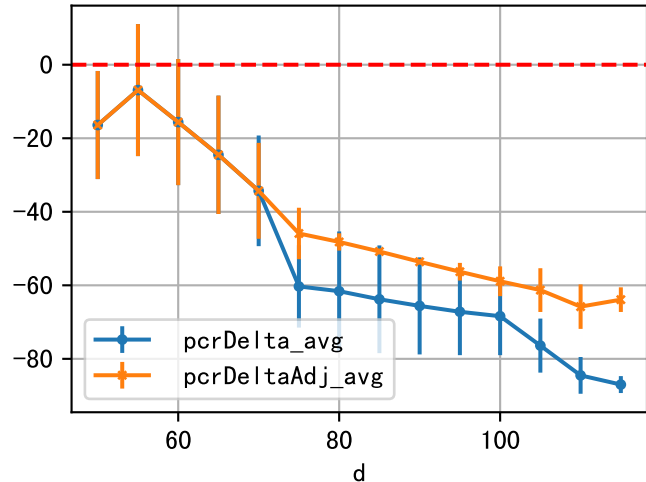


DeltaTypeAbbr=GrpByDay

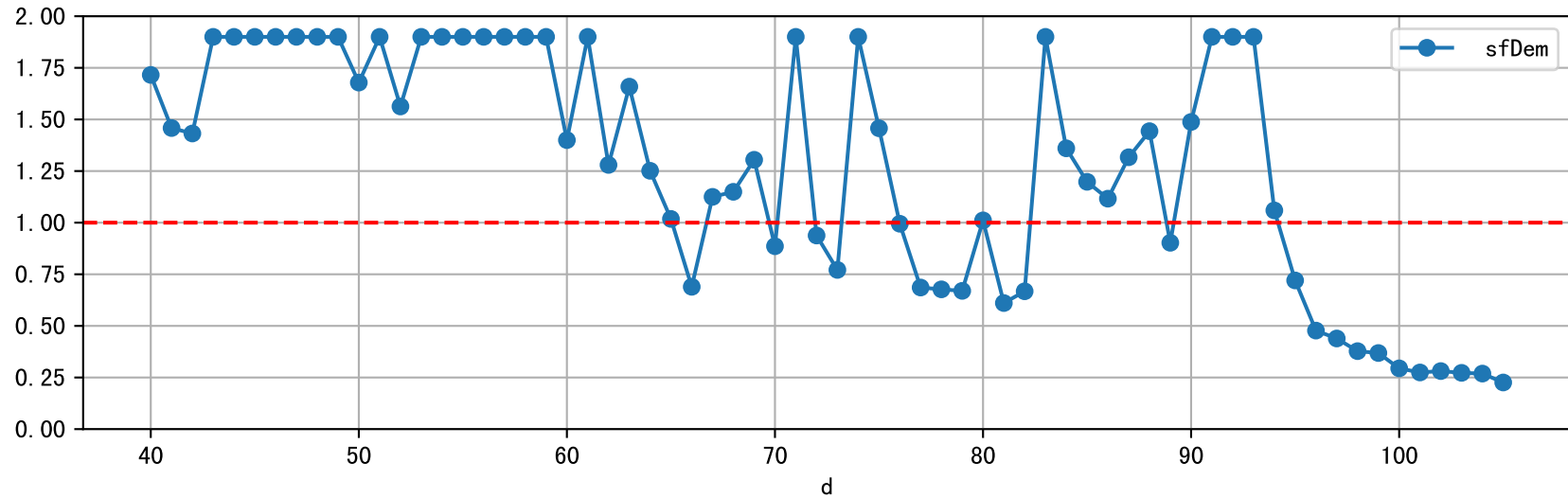


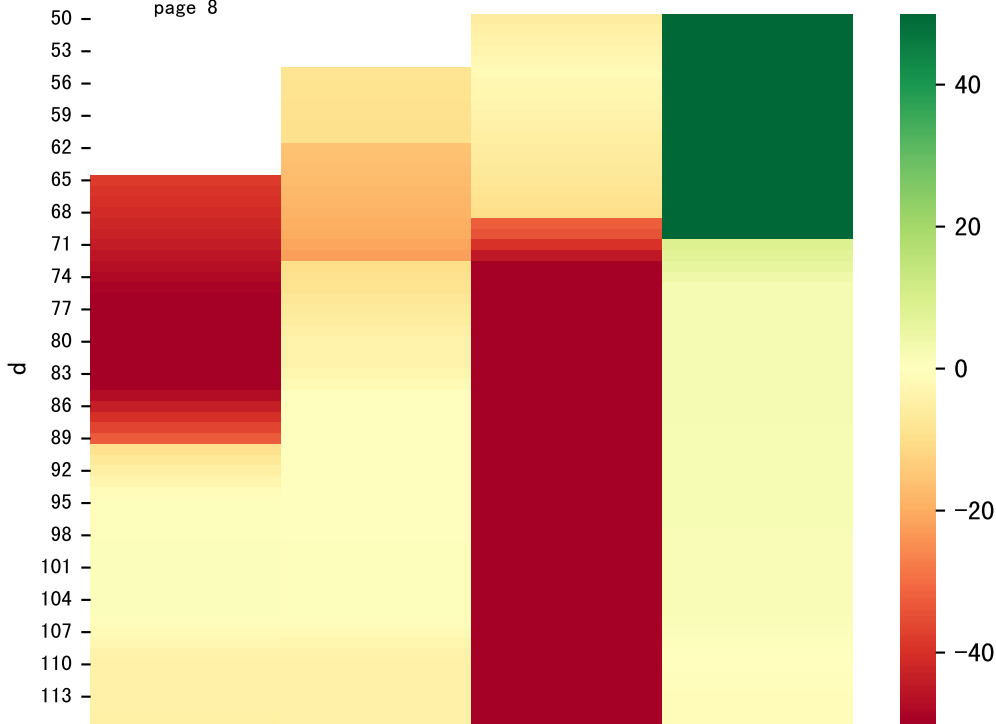
page 6

DeltaTypeAbbr=Wei AvgByD



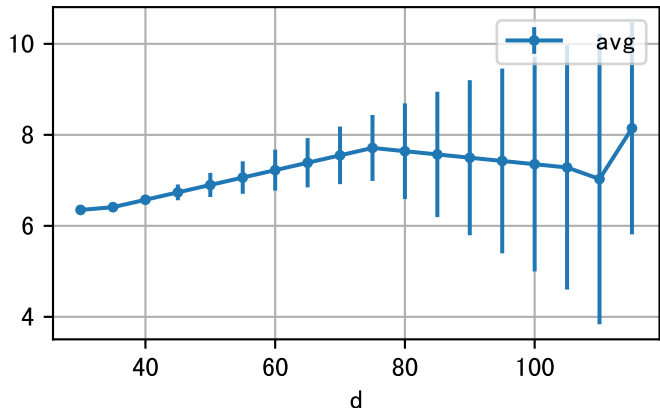
LfA: sfDem



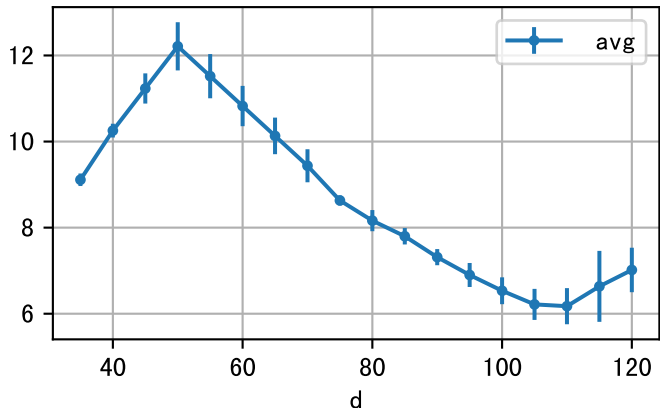


NdD: avg vs. d ateach age group

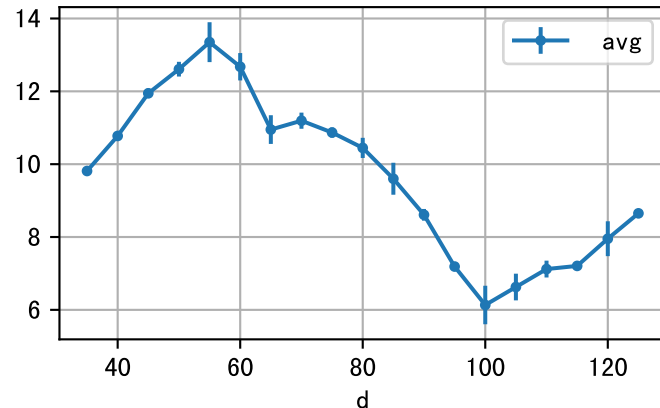
age=15



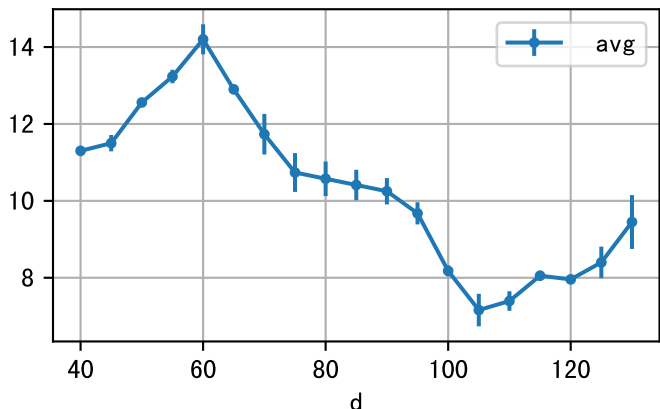
age=20



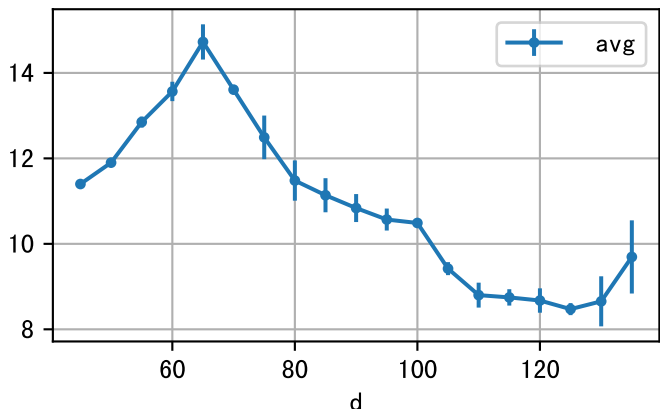
age=25



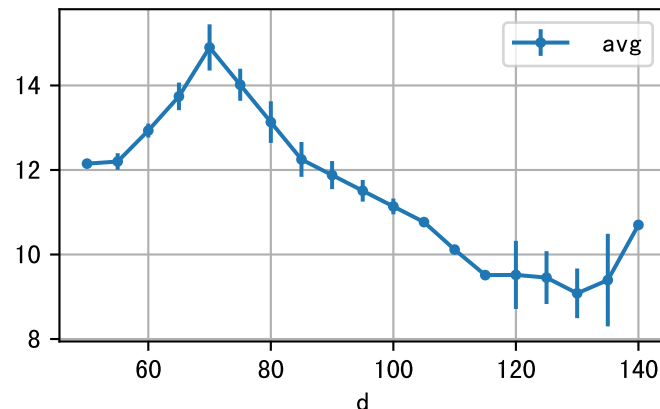
age=30



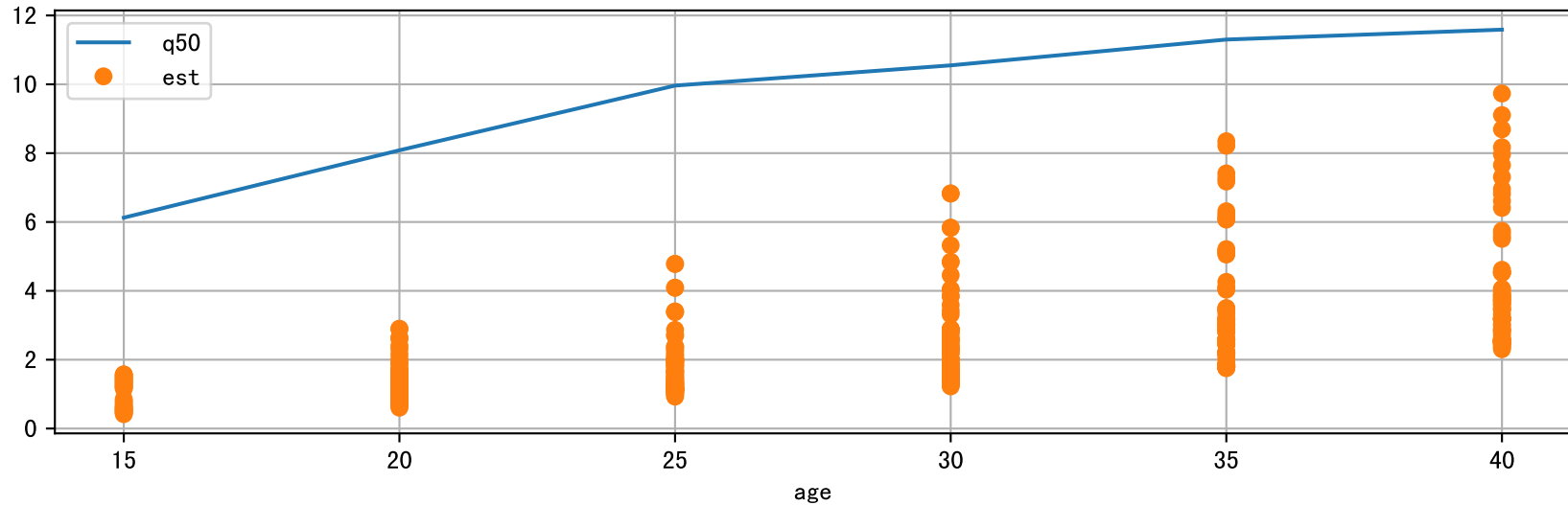
age=35



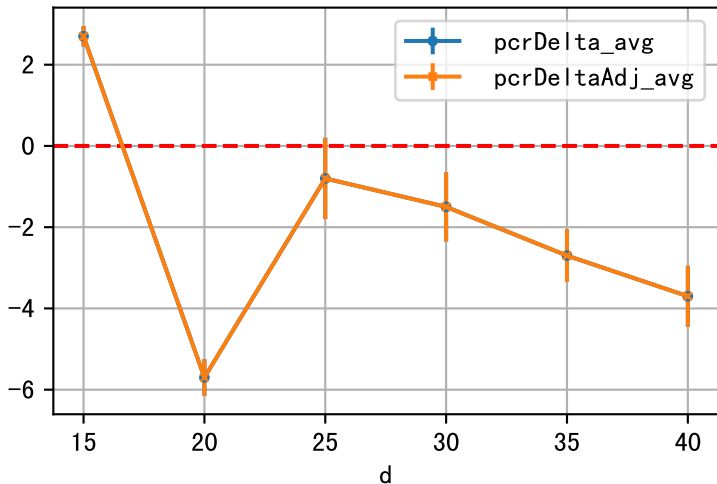
age=40



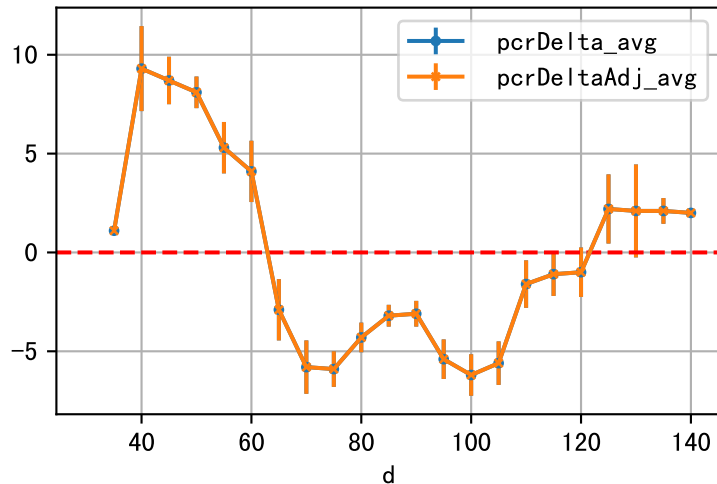
NdD: model est vs obs0v@Q50



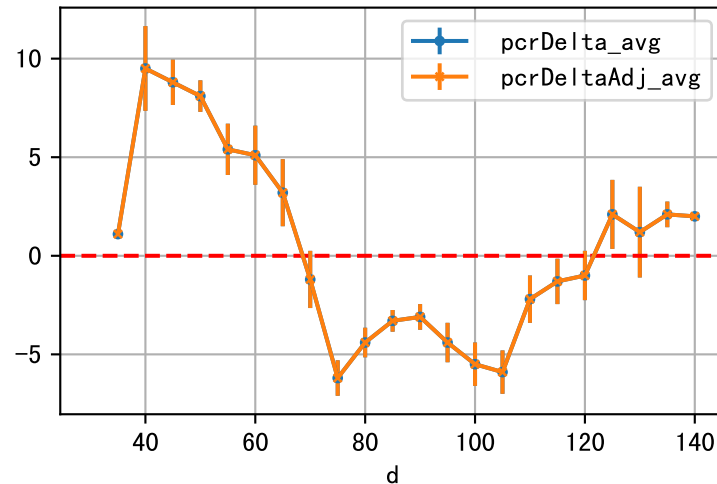
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

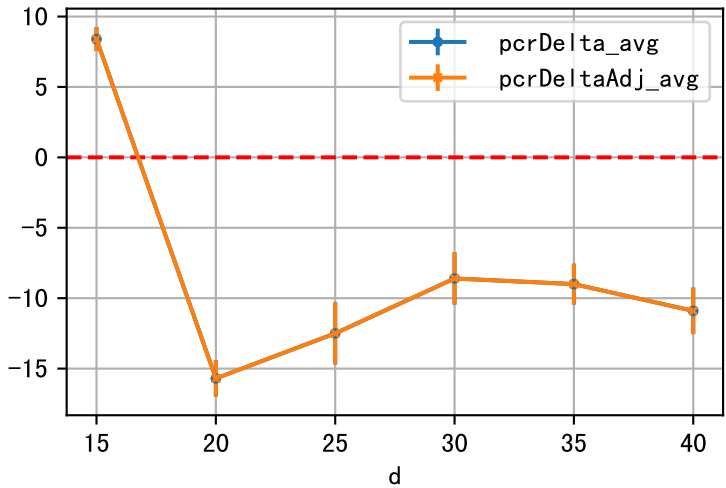


DeltaTypeAbbr=Wei AvgByD

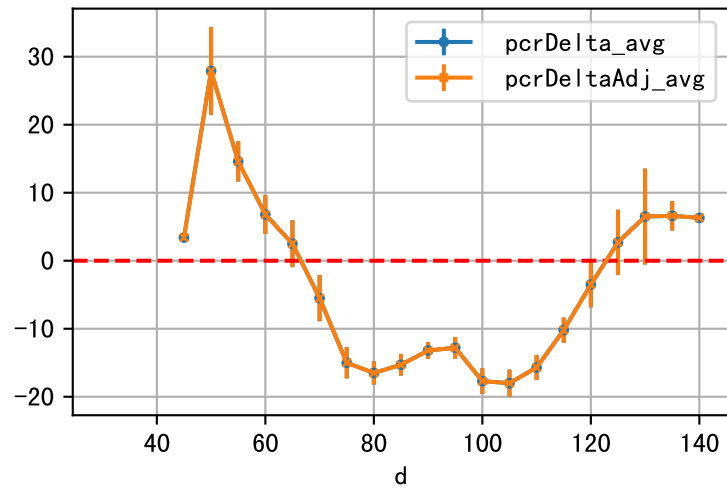


P10AW NdD: D_15d_NdD

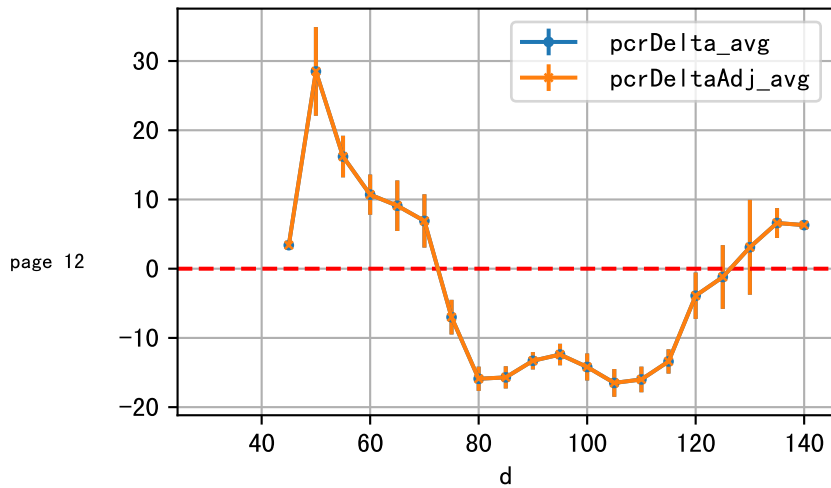
DeltaTypeAbbr=GrpByAge



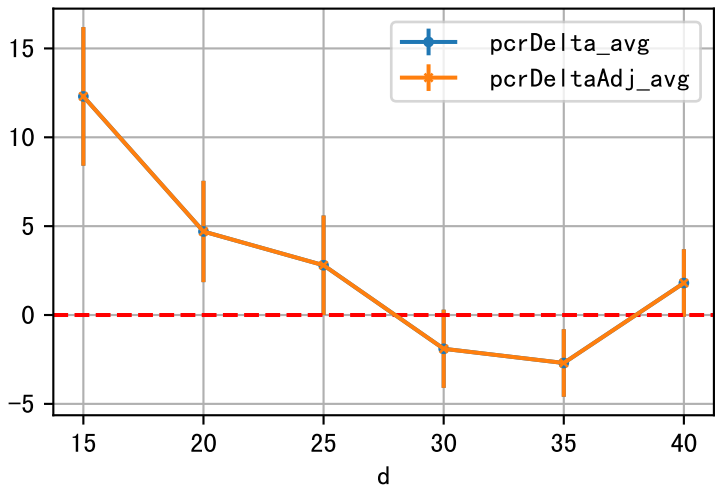
DeltaTypeAbbr=GrpByDay



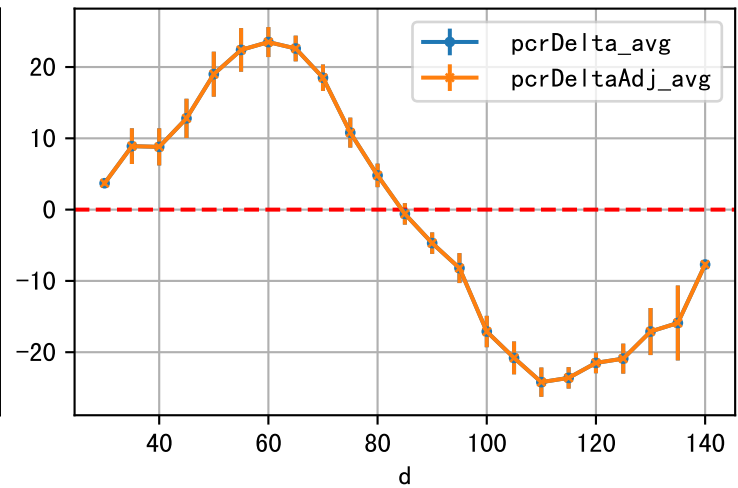
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

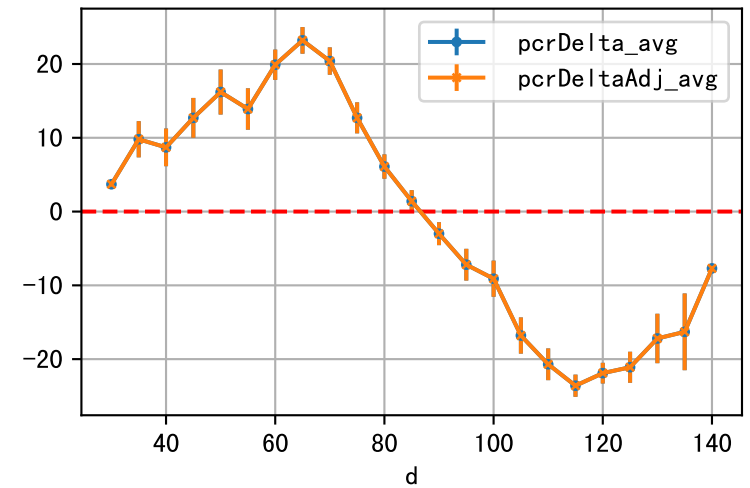


DeltaTypeAbbr=GrpByDay



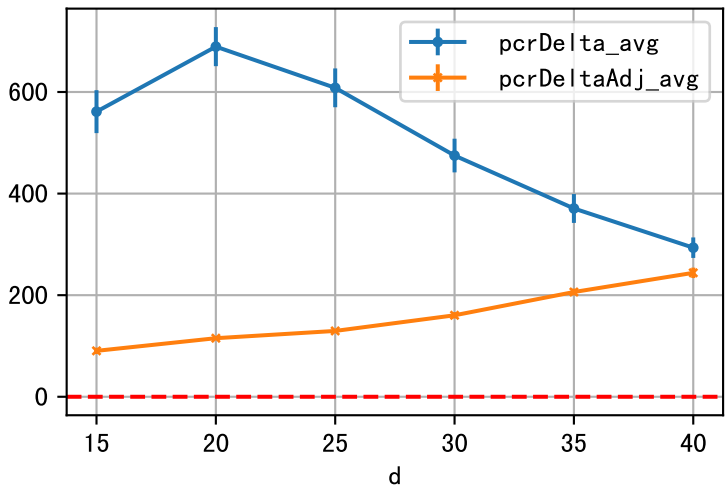
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DeltaTypeAbbr=Wei AvgByD

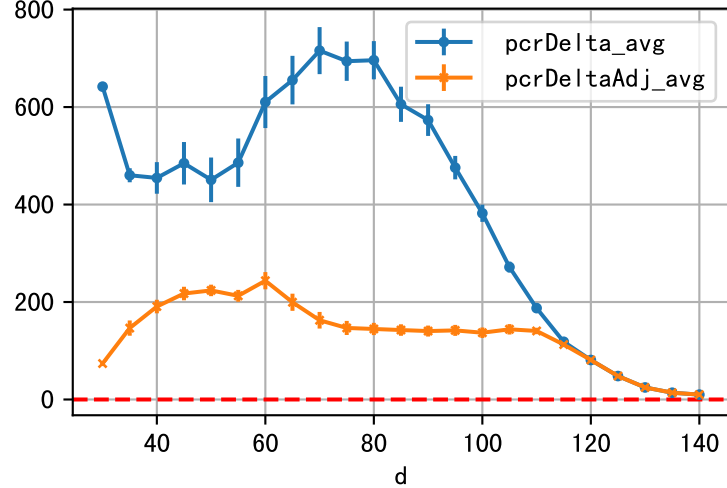


P10AW NdD: D_Est_NdD

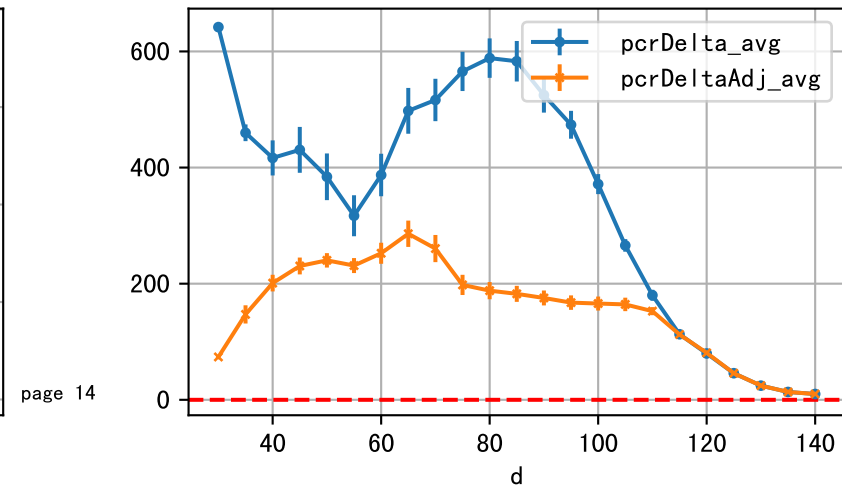
DeltaTypeAbbr=GrpByAge



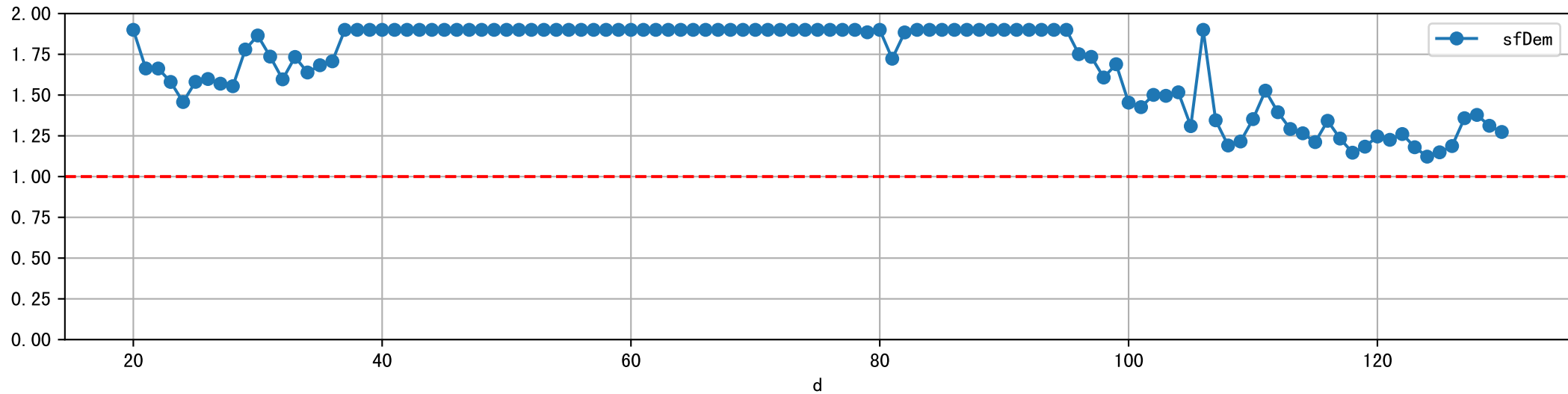
DeltaTypeAbbr=GrpByDay

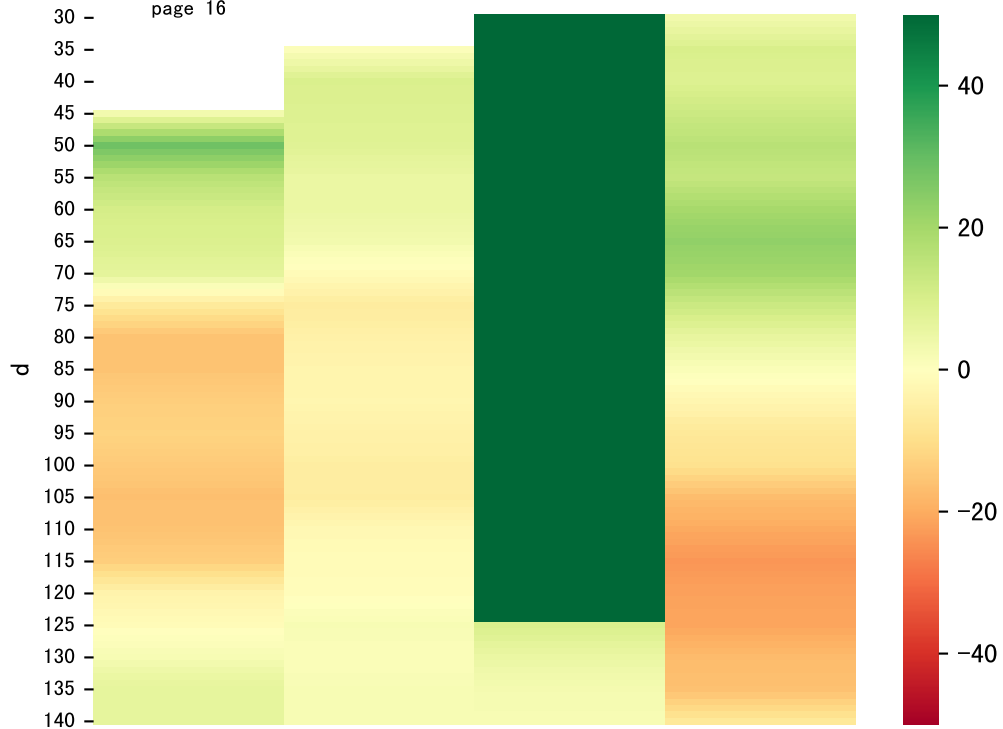


DeltaTypeAbbr=Wei AvgByD

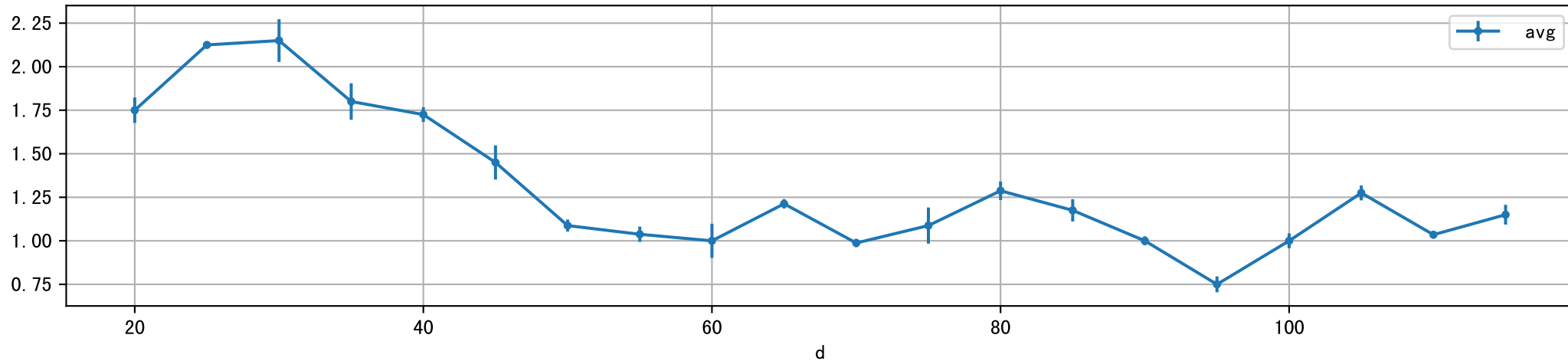


NdD: sfDem

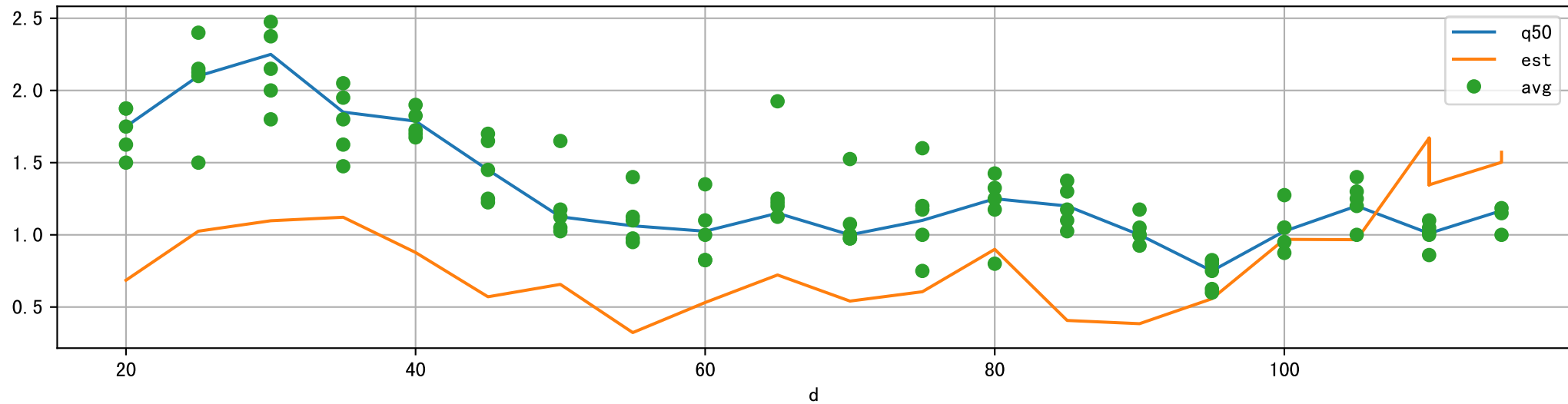




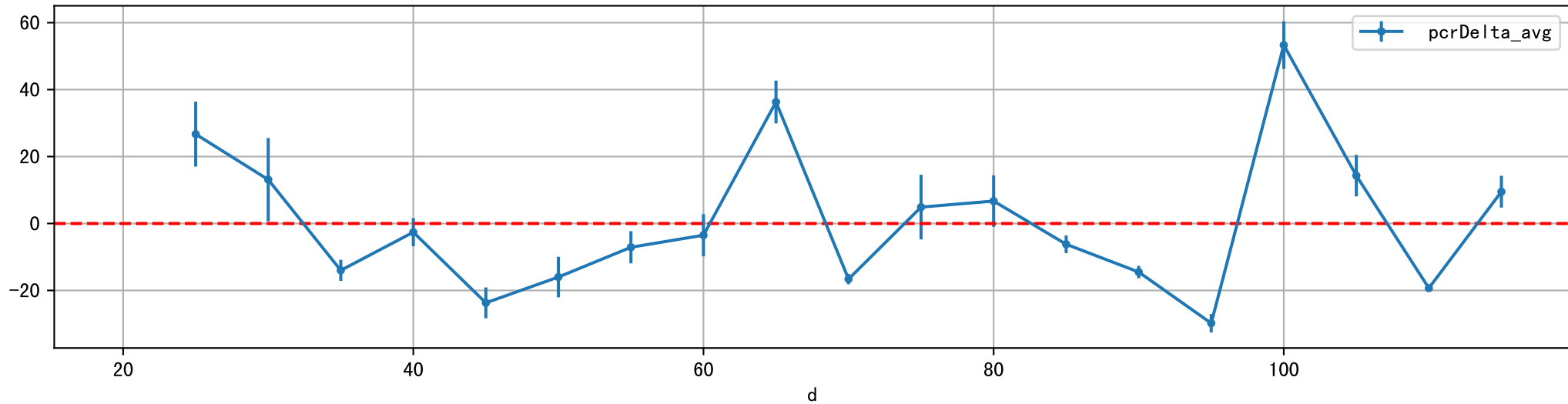
dStH: avg vs. d



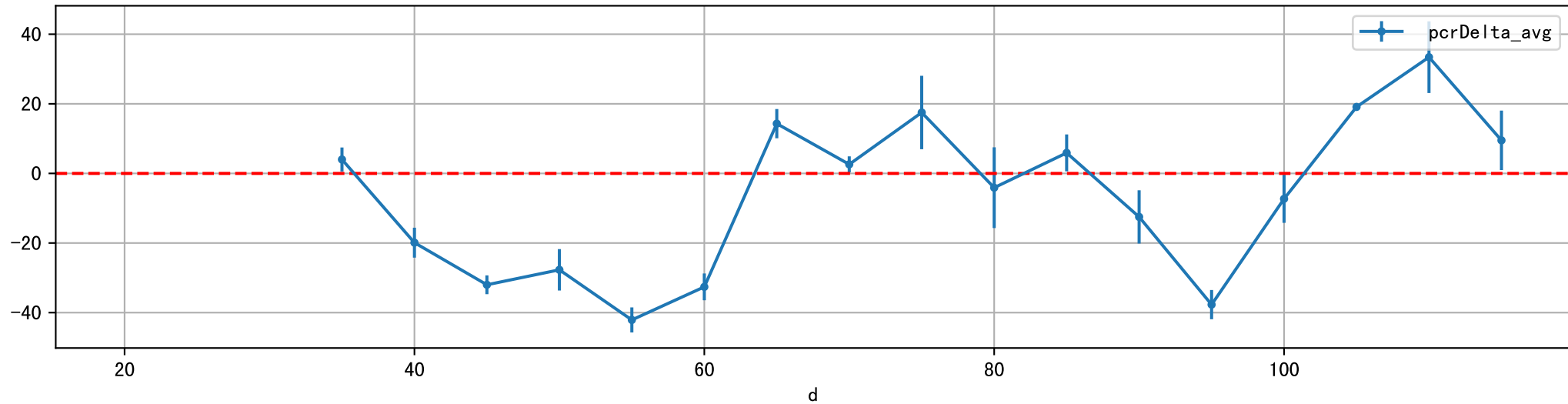
dStH: obsAvg vs obs0v@Q50



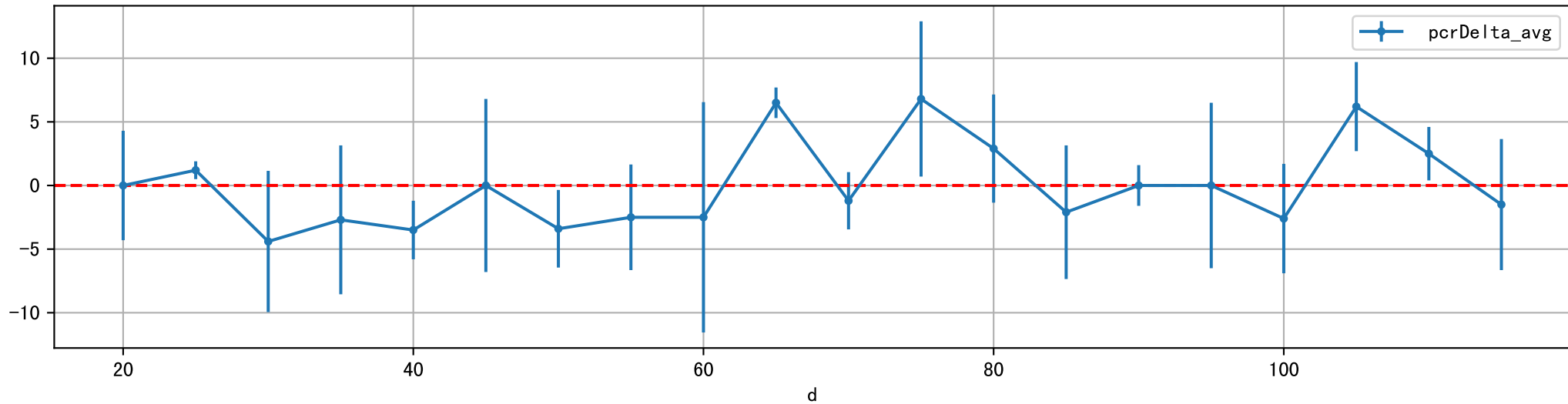
dStH: D_5d_StH



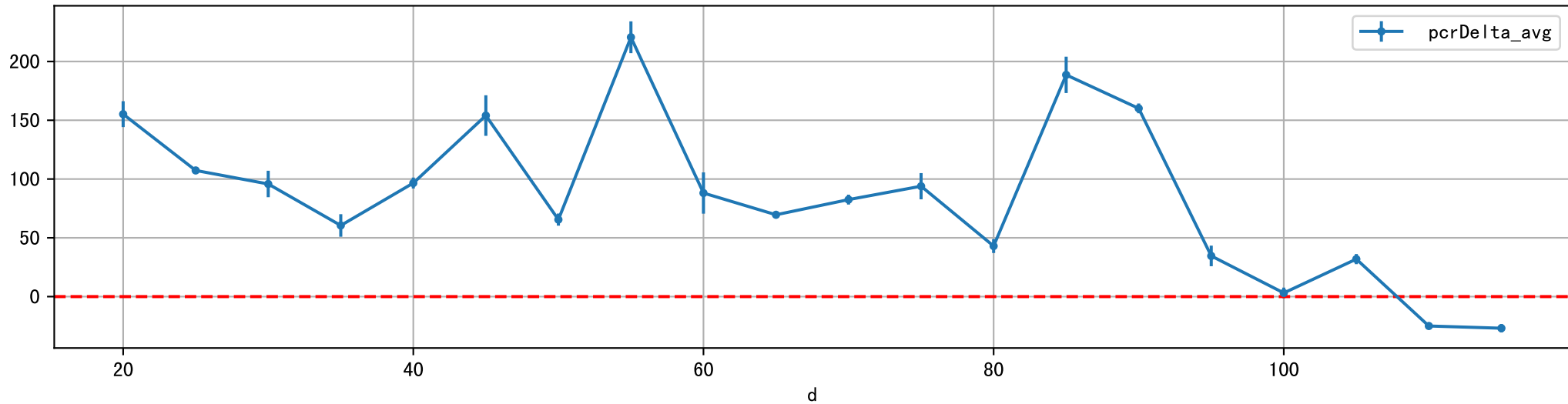
dStH: D_15d_StH



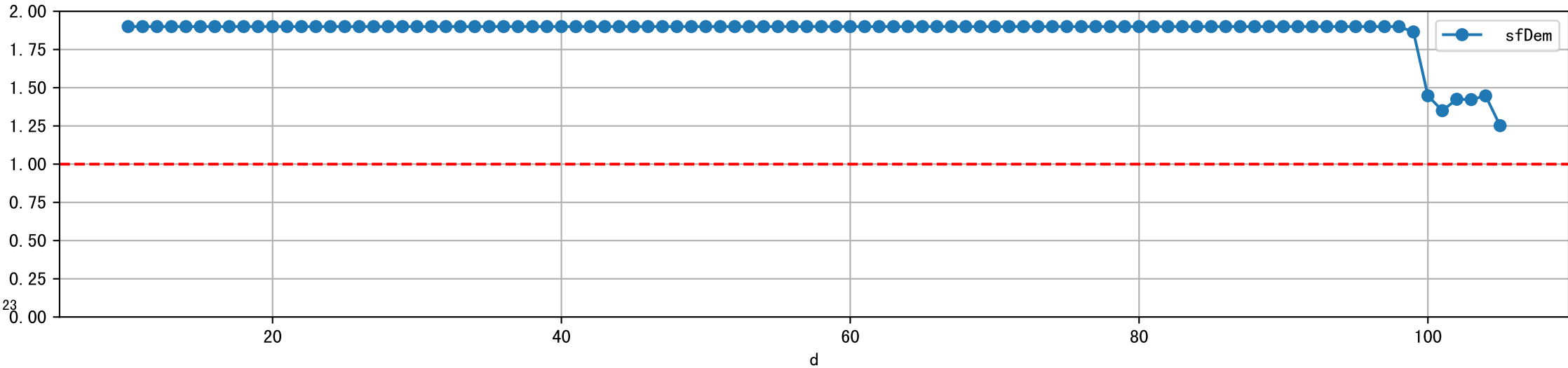
dStH: D_Q50_StH

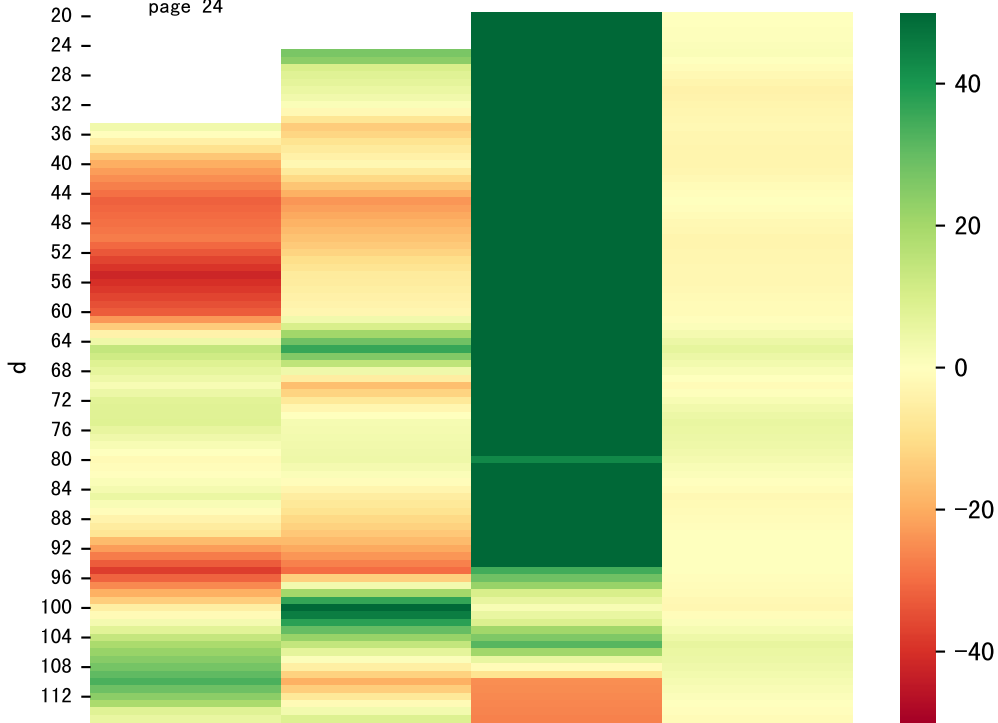


dStH: D_Est_StH



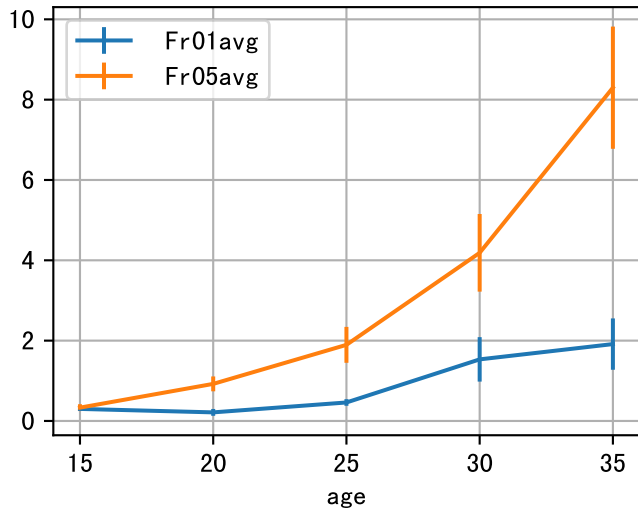
dStH: sfDem



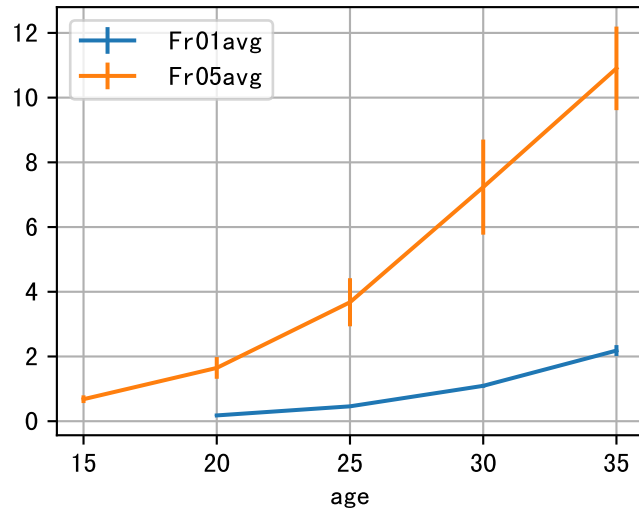


FrV: Fr01 vs Fr05 at each truss

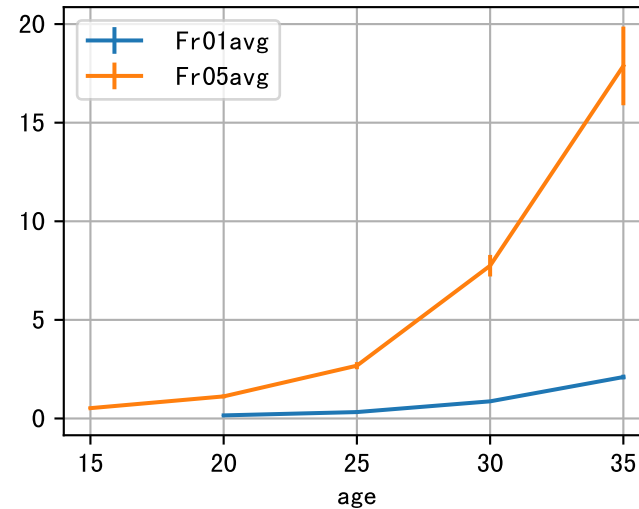
organID=T01



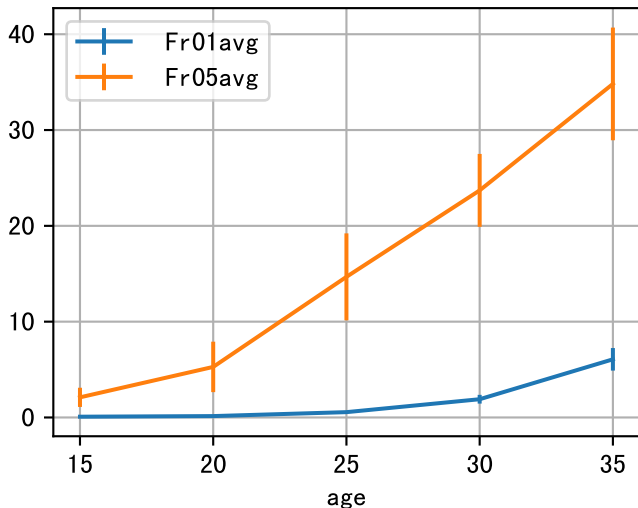
organID=T02



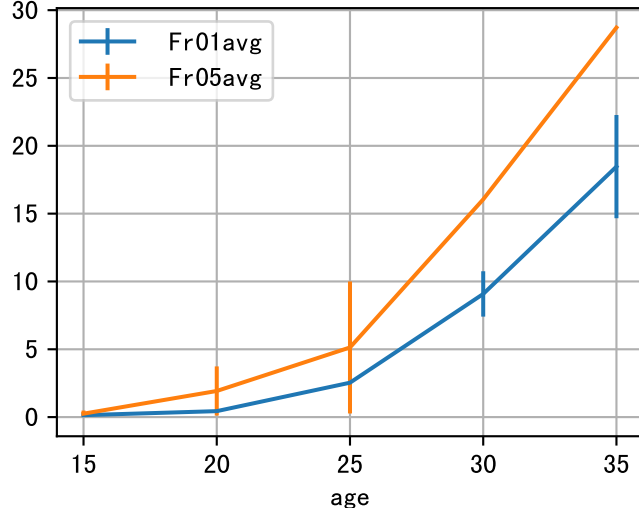
organID=T03



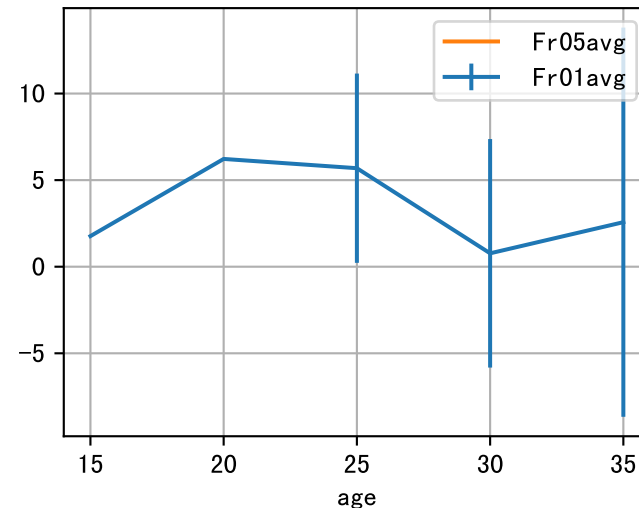
organID=T04



organID=T05

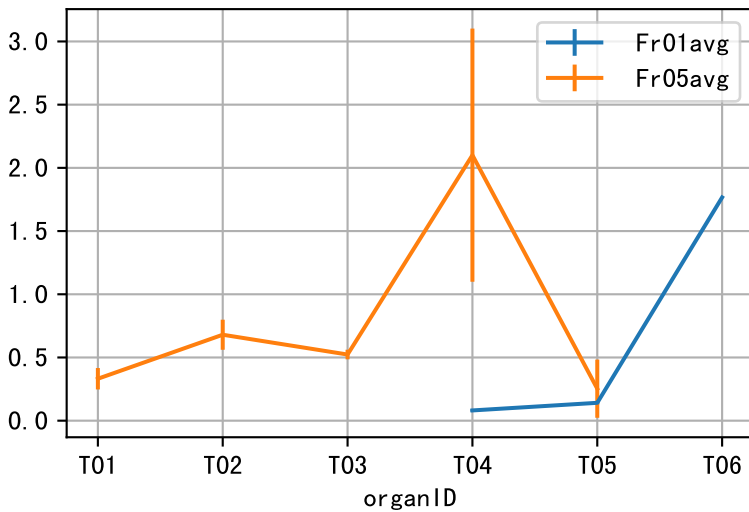


organID=T06

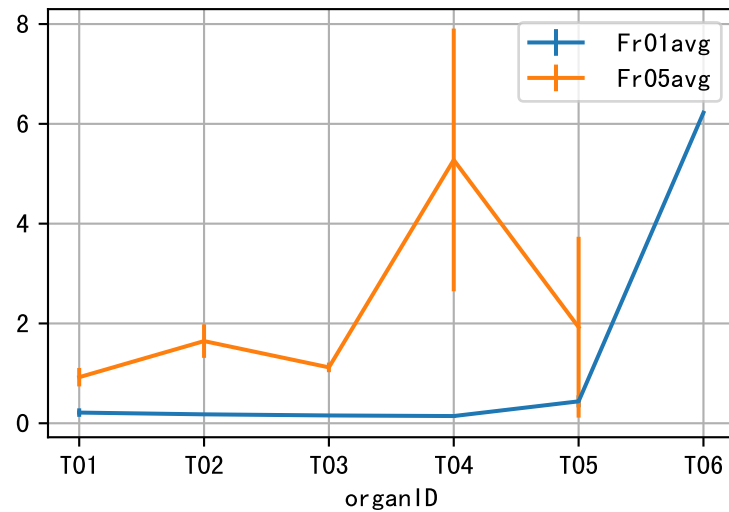


FrV trend at each age

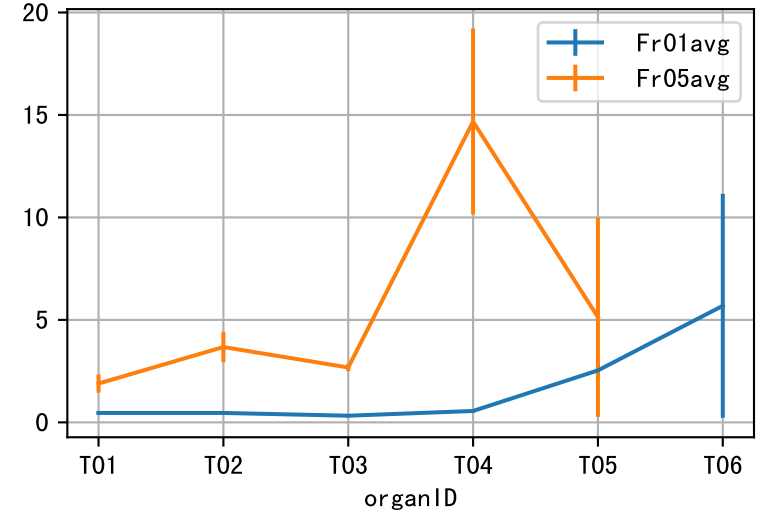
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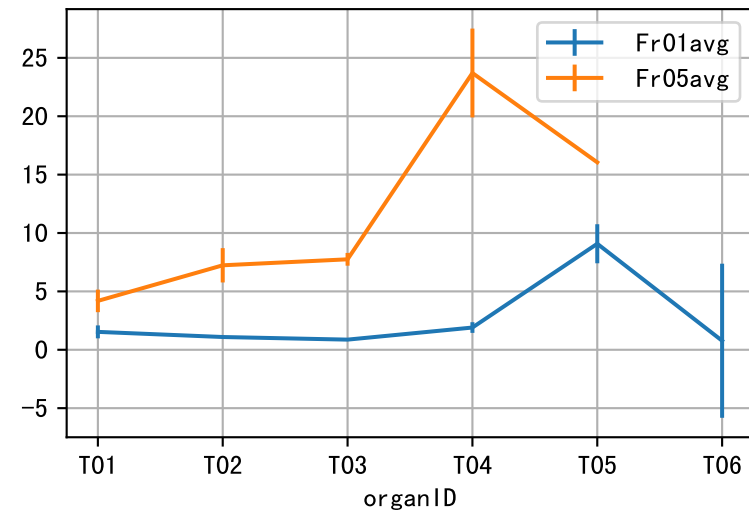
age=20



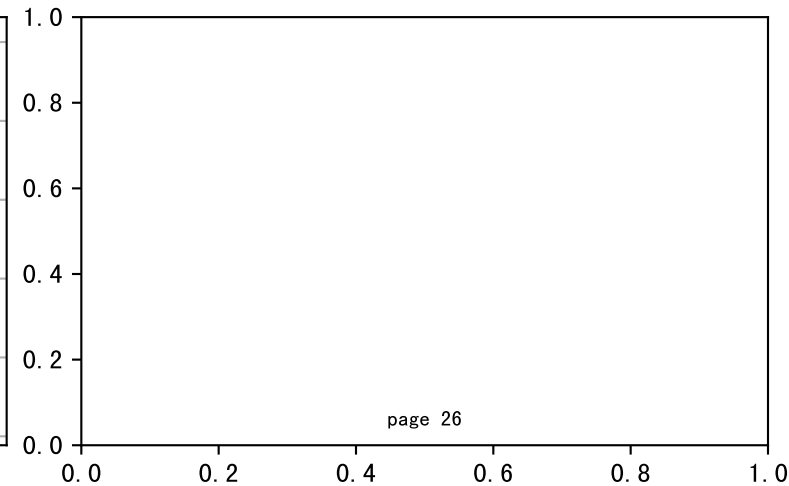
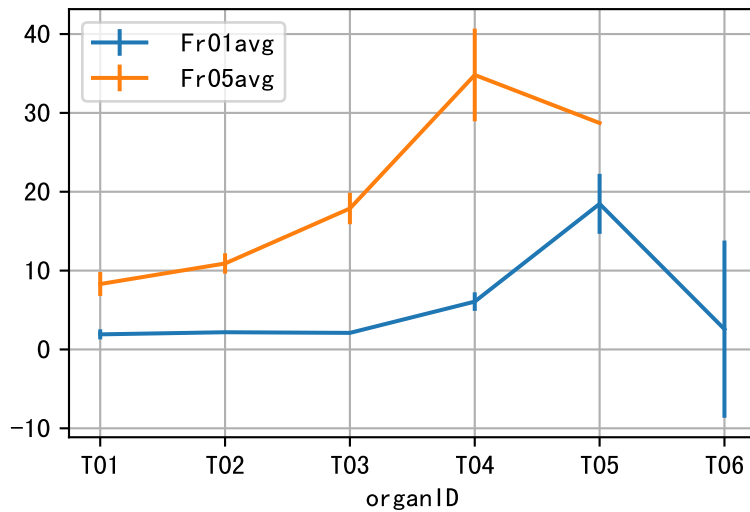
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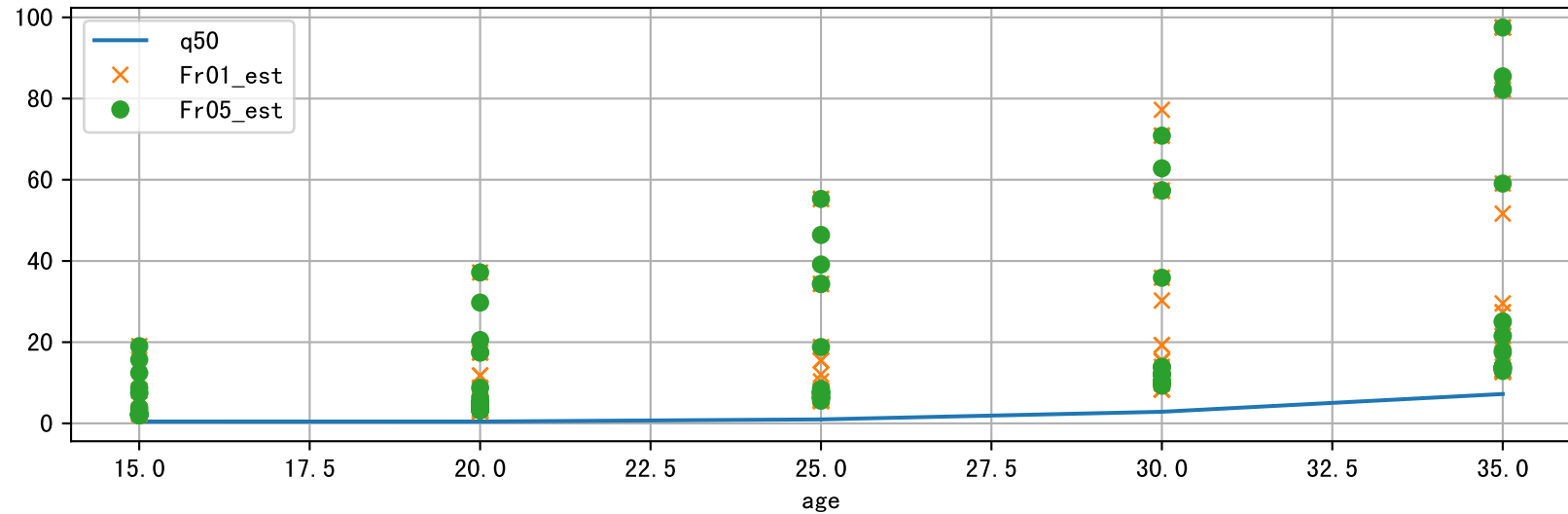
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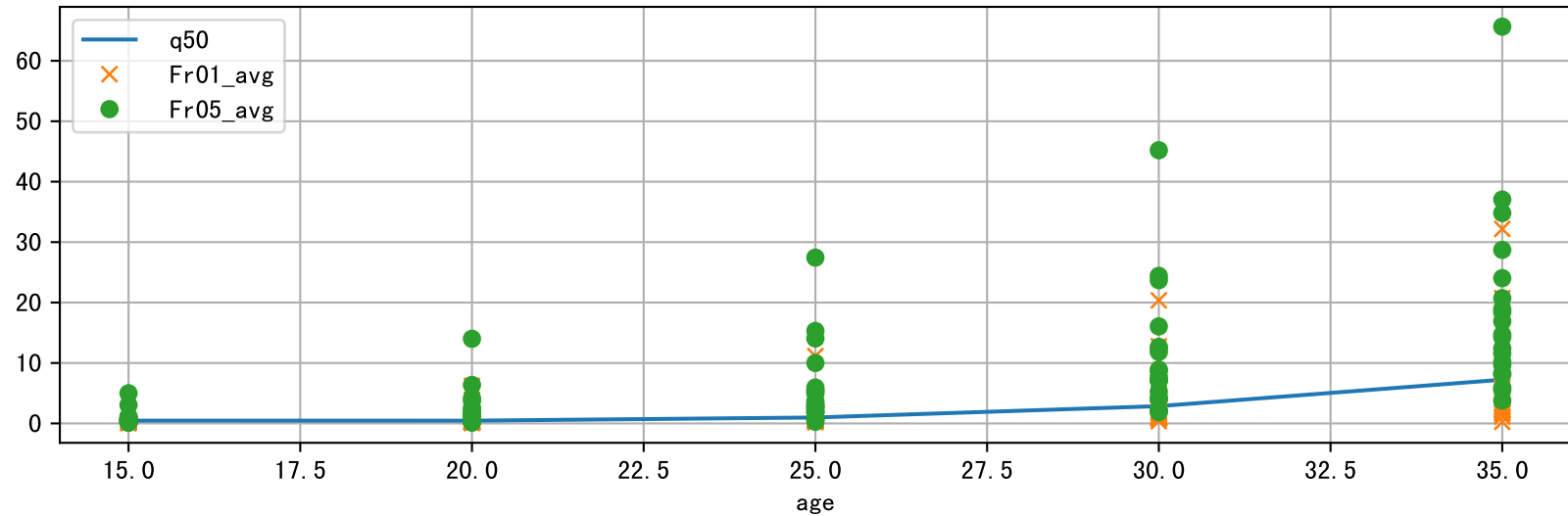
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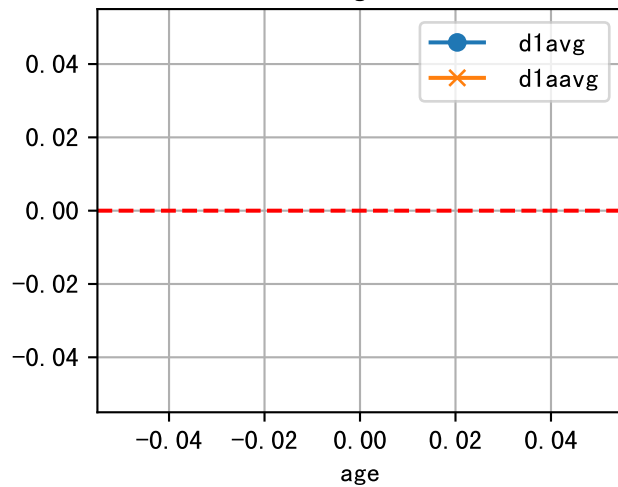
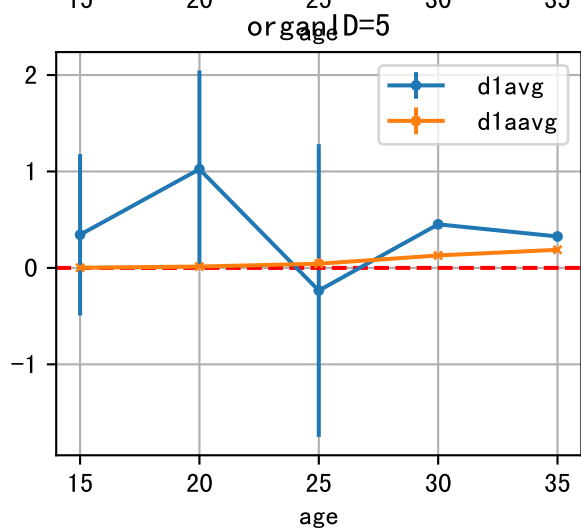
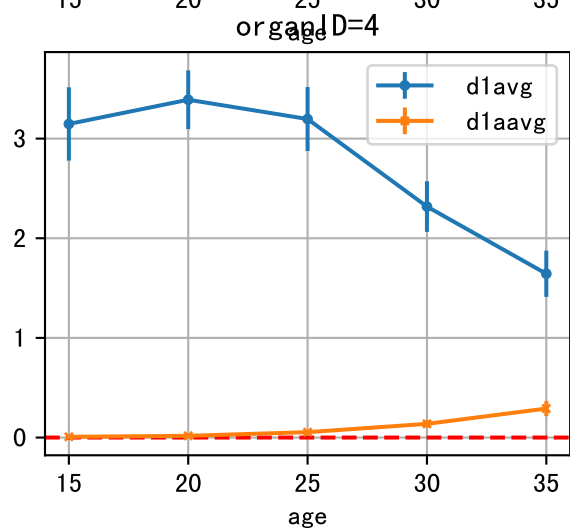
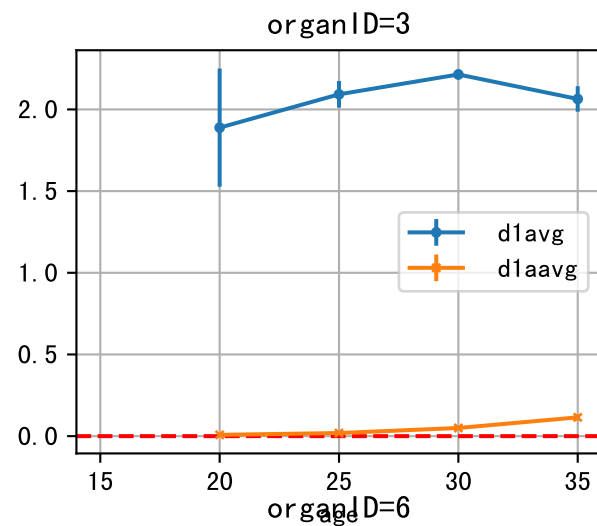
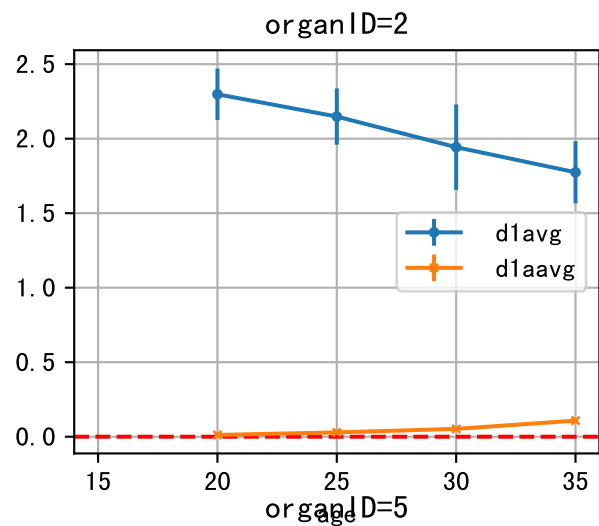
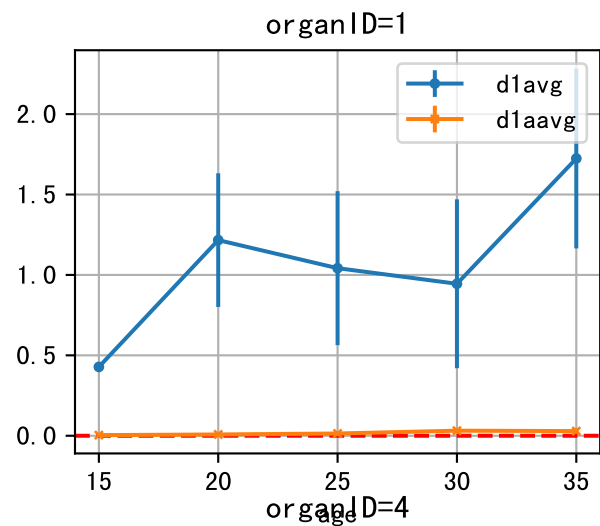
FrV: model Est vs obsFrV at Q90



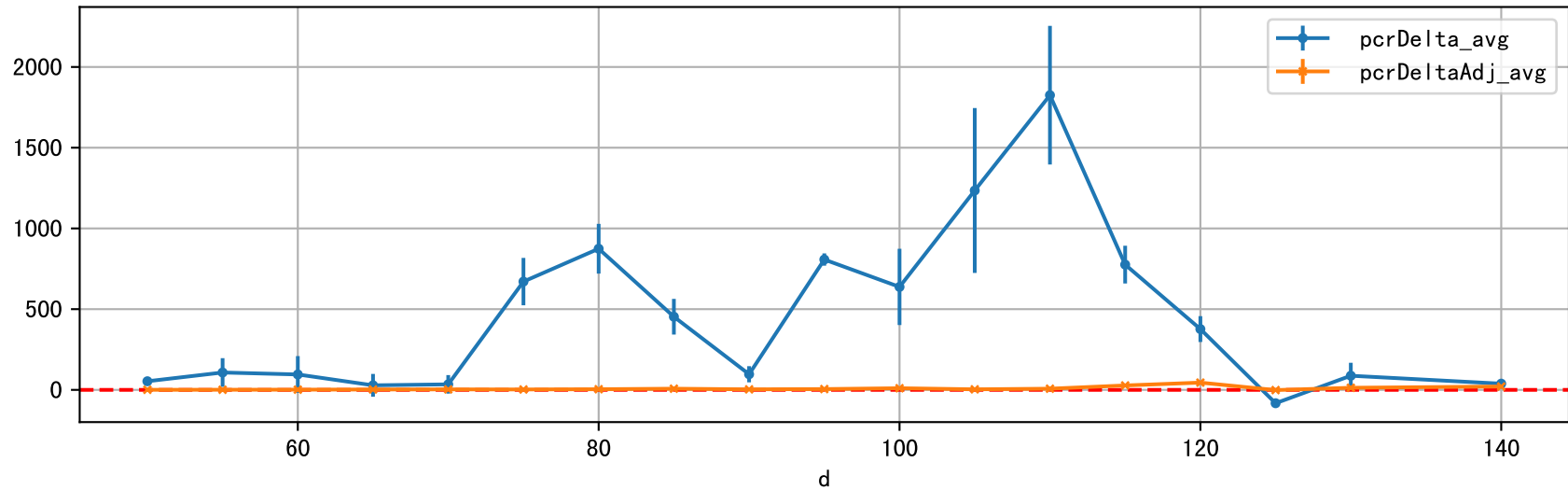
FrV: obsFrV vs obsFrV@Q90



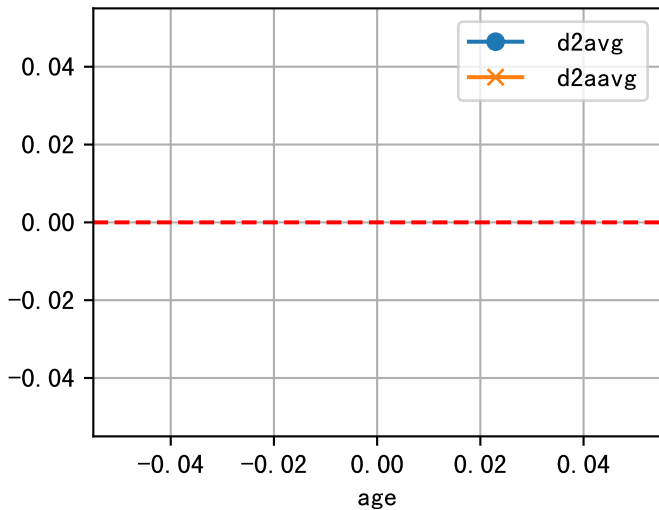
FrV: D_Fr1_FrV



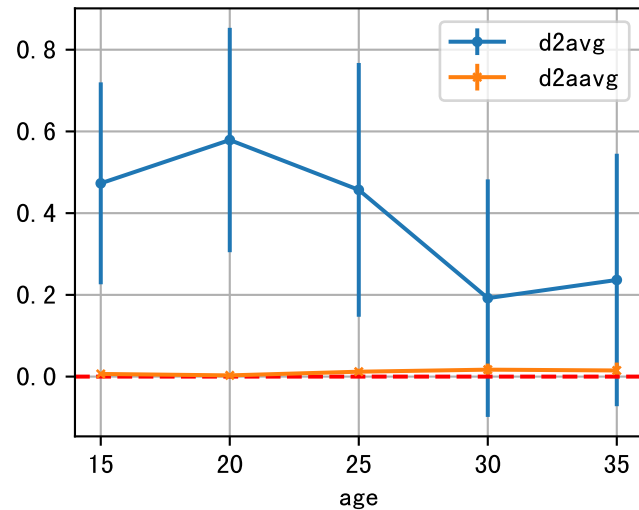
P10AW FrV: D_Fr1_FrV



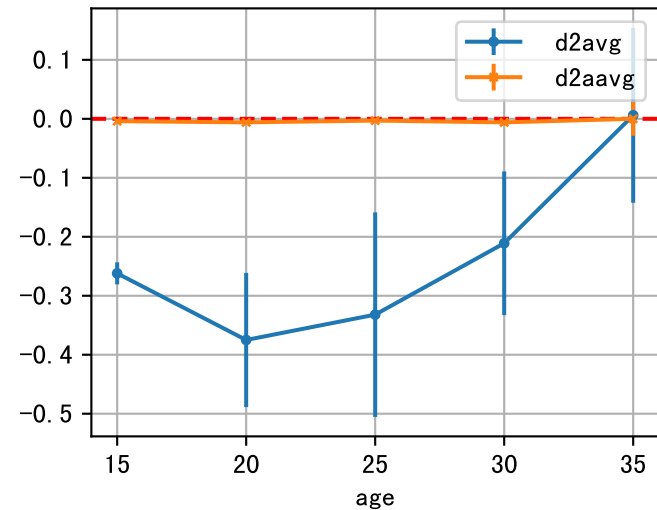
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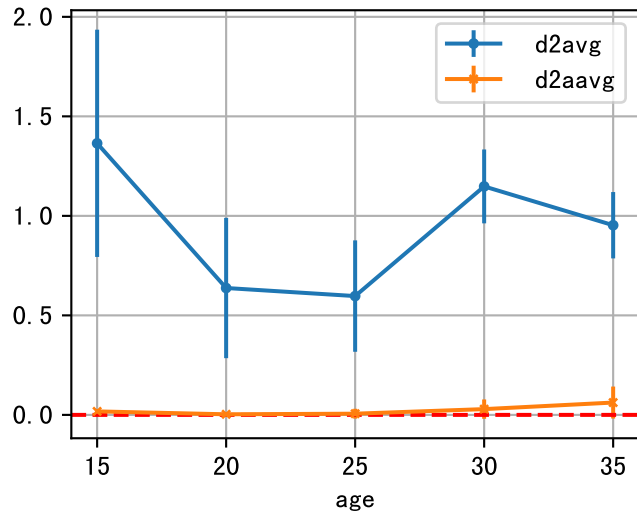
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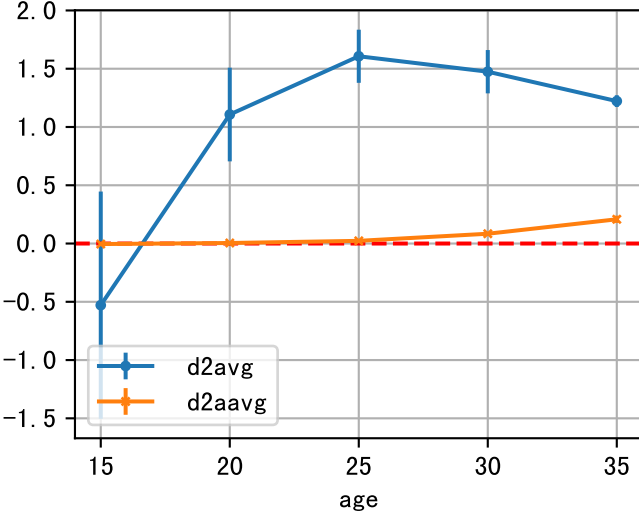
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organID=4

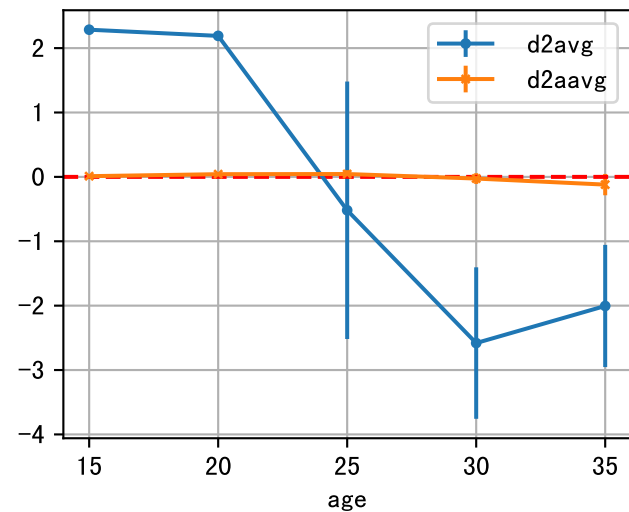


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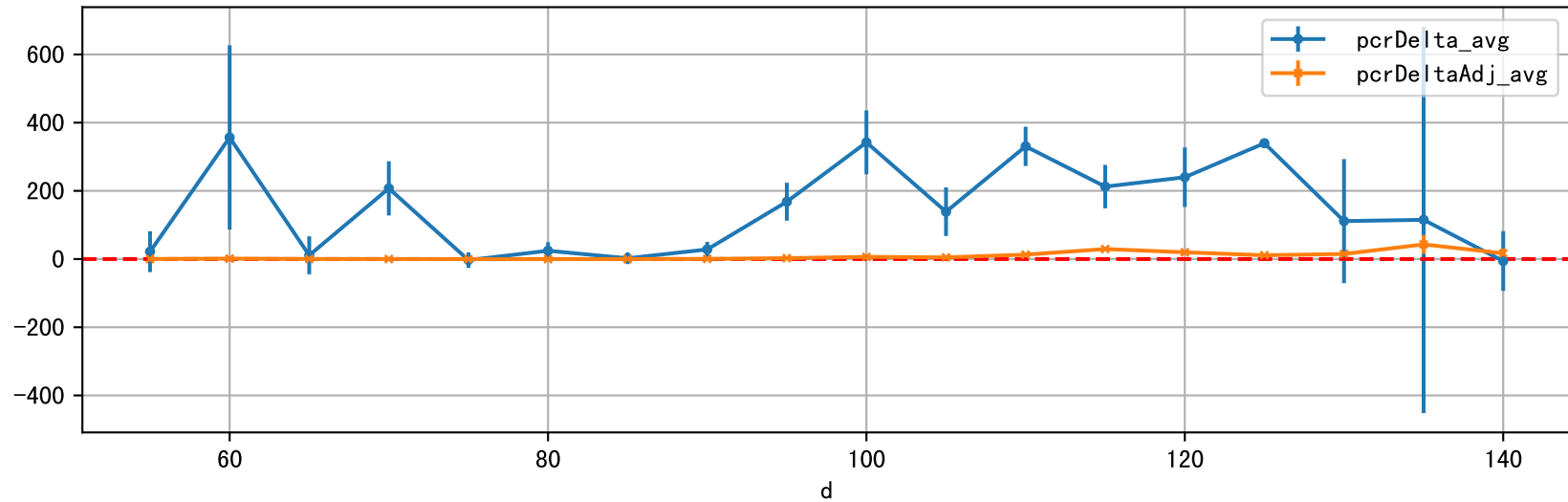


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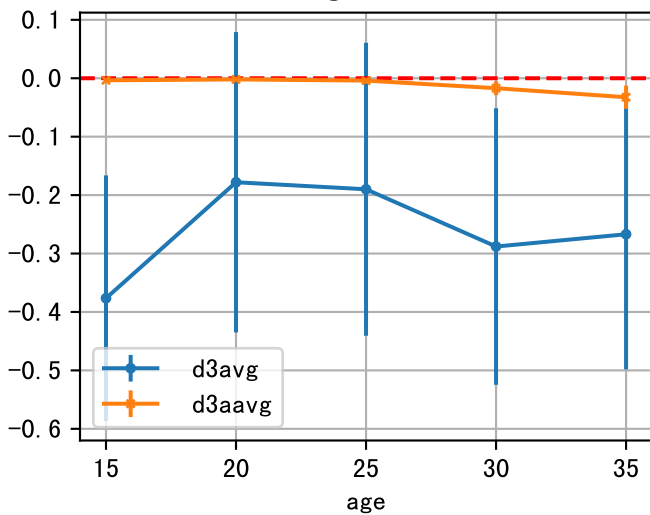
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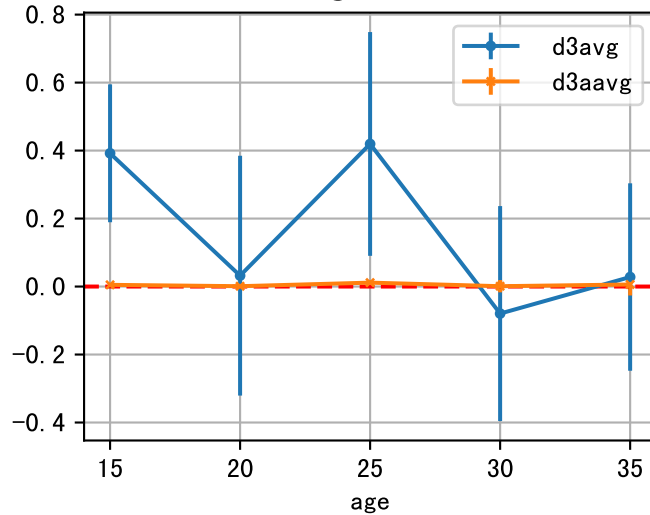
P10AW FrV: D_Ts_FrV



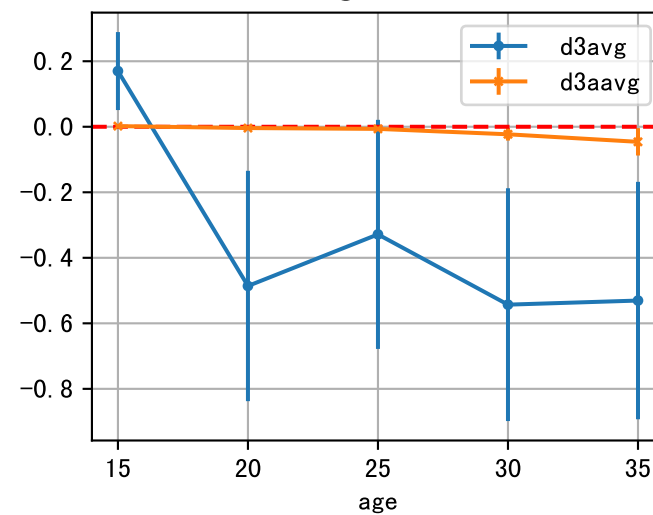
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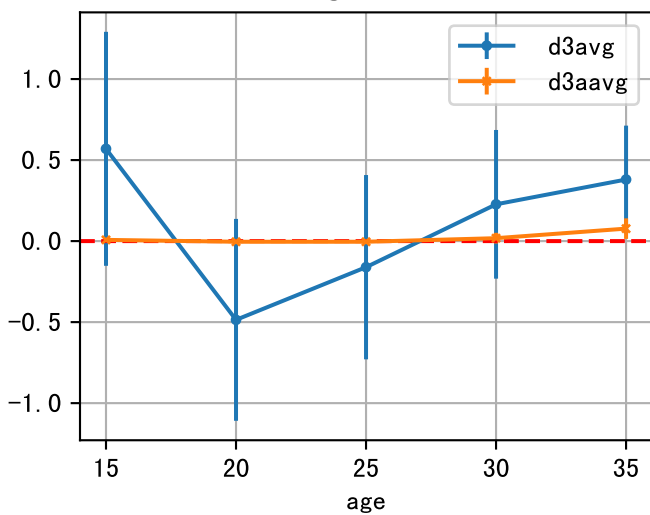
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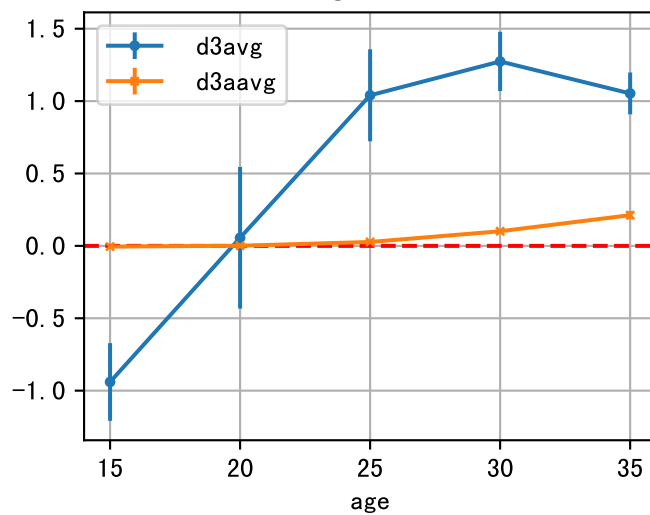
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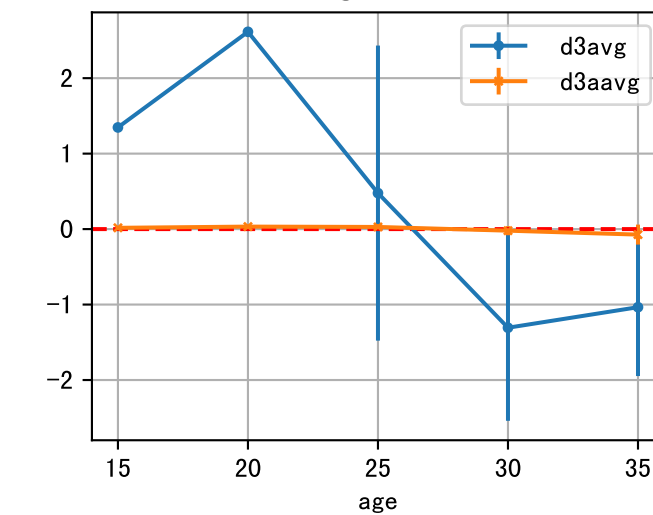


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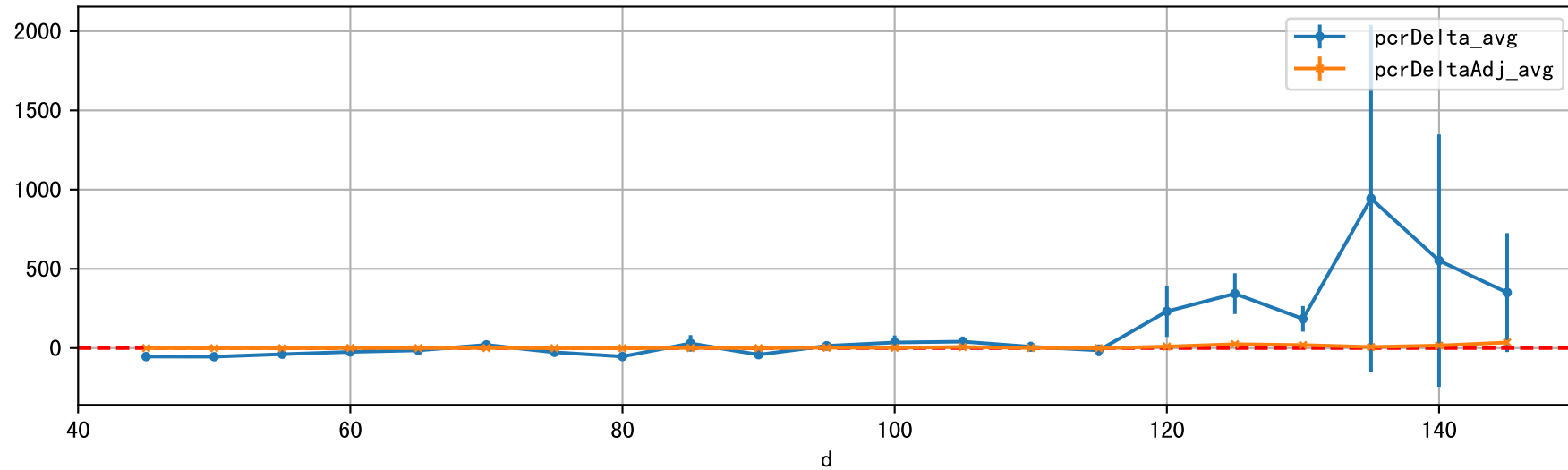


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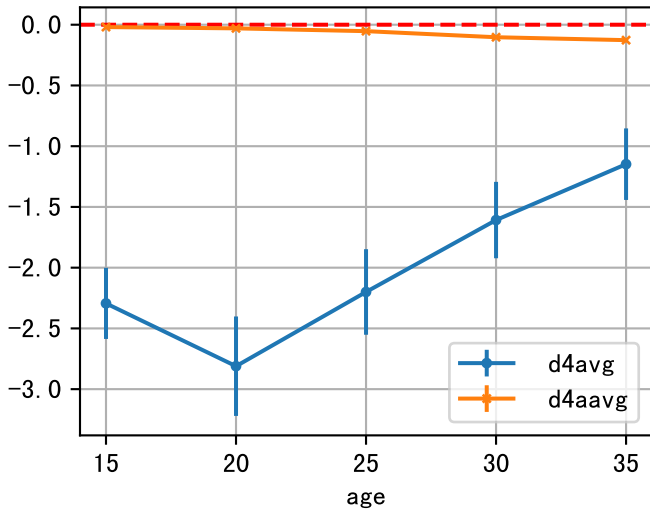
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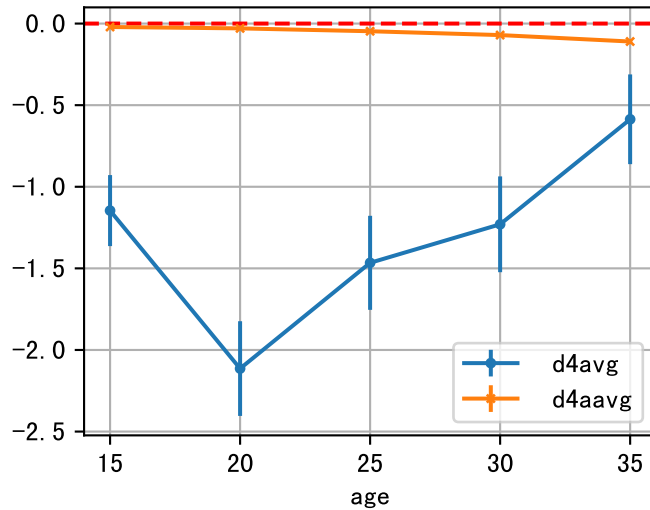
P10AW FrV: D_Q50_FrV



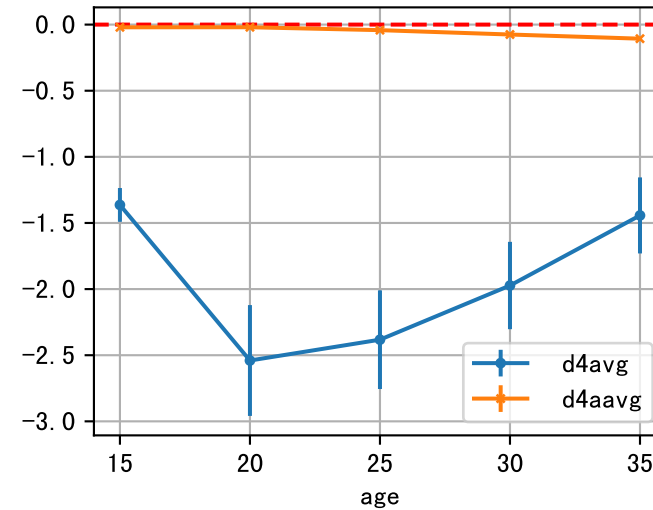
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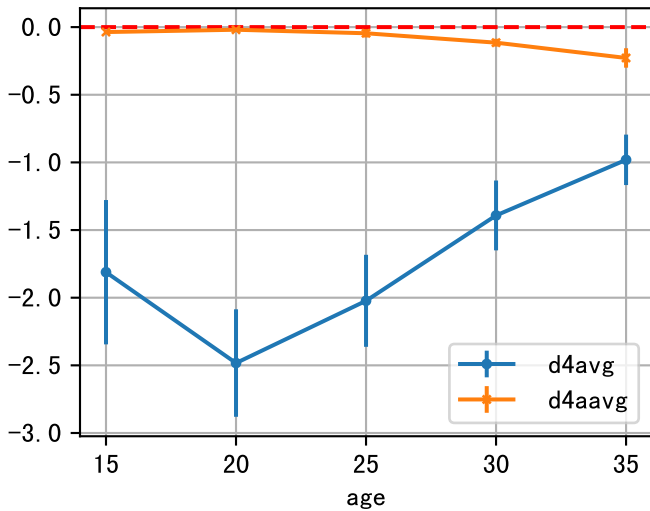
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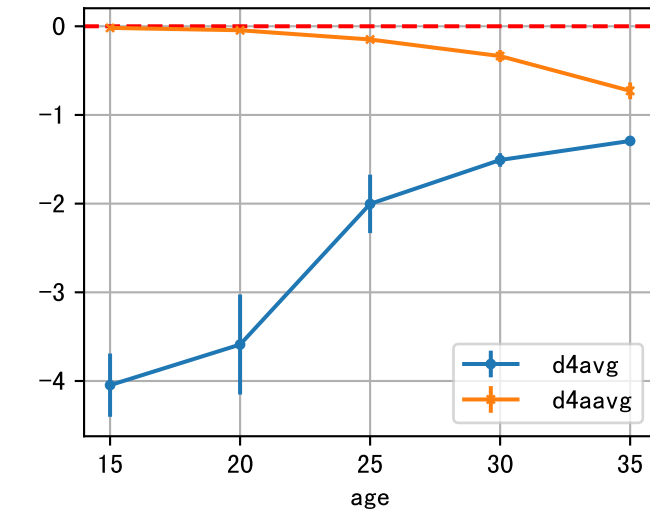
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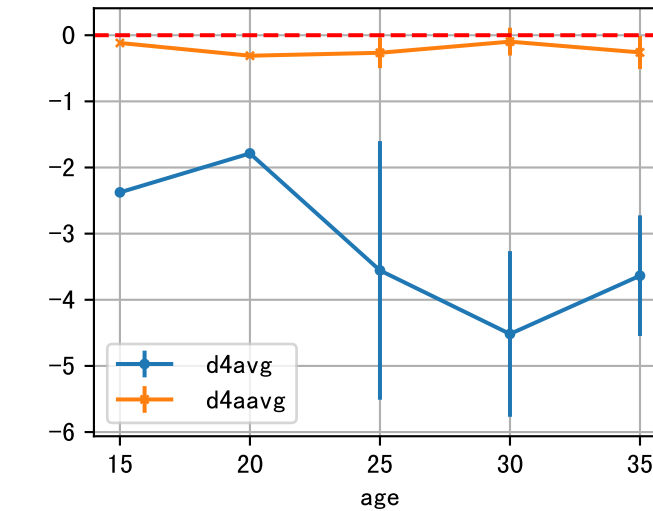


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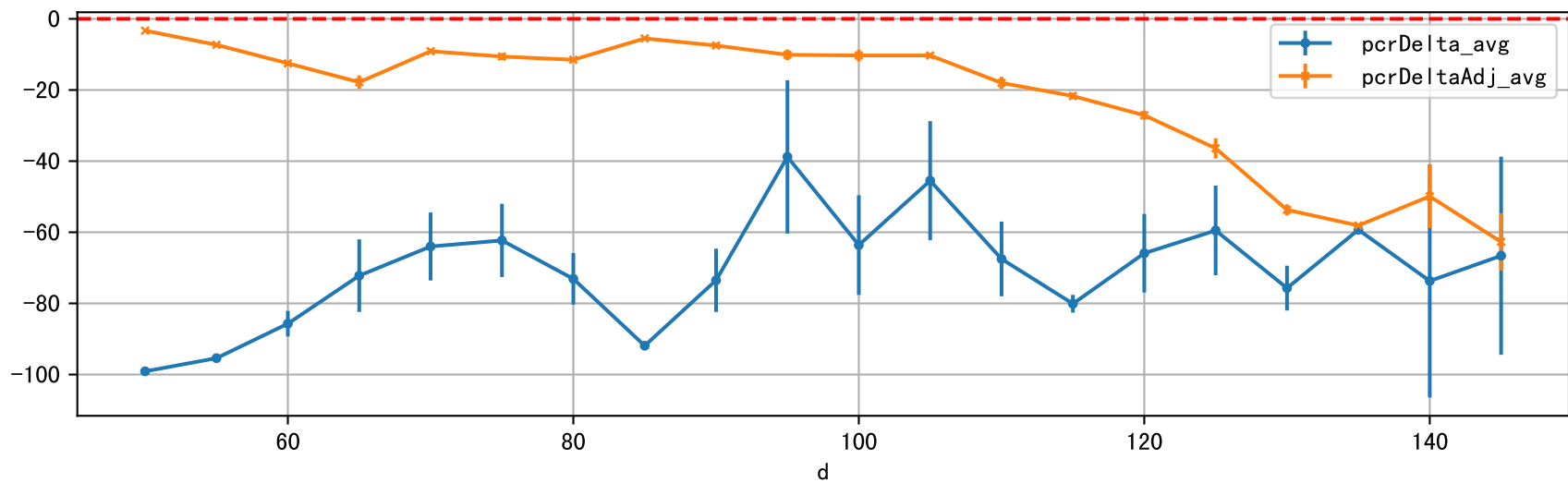


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organID=6



P10AW FrV: D_Est_FrV



P10AW FrV: sfDem

