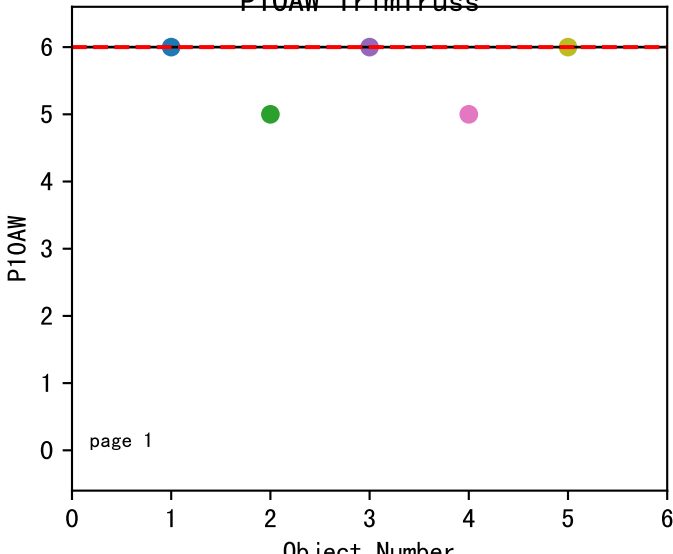


Phenotype Data Analysis Plots
PhenoData day range = 18 - 156
Analysis cutoff day = 156
NC11 P10
2026-03-24 (Day 157)

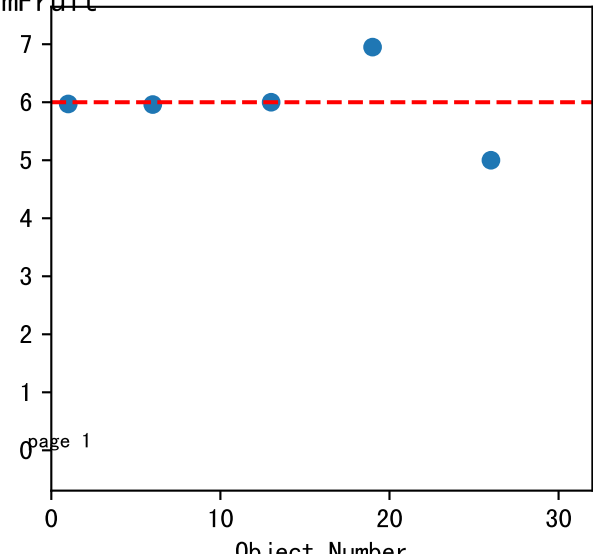
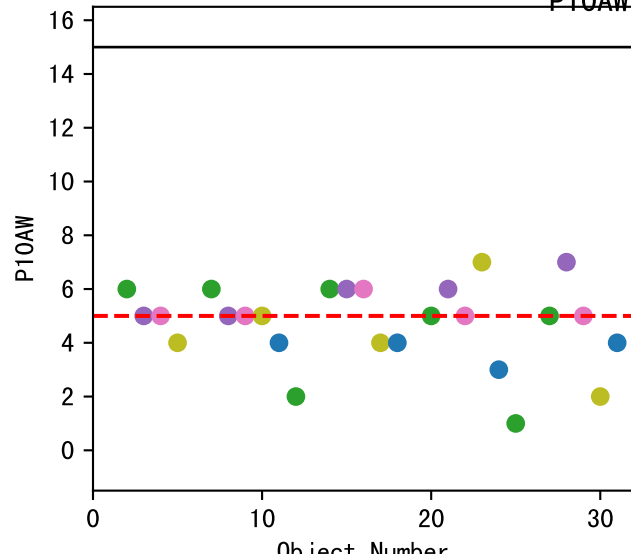
avg1=0.09% avg2=na
P10AW TrimTruss

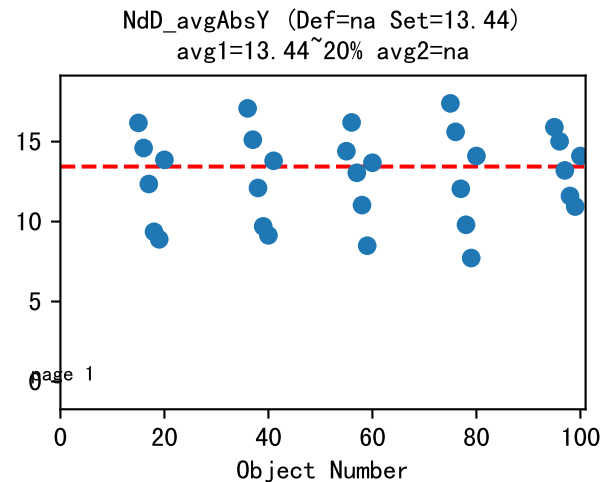
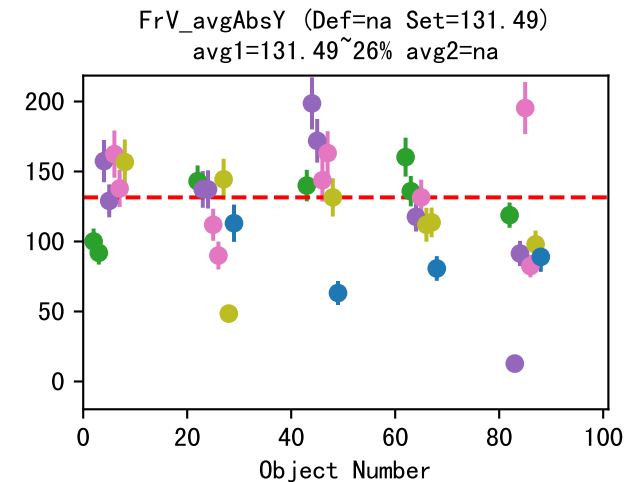
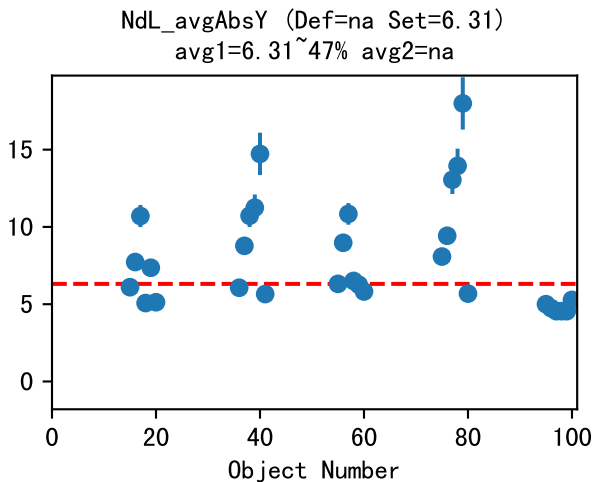
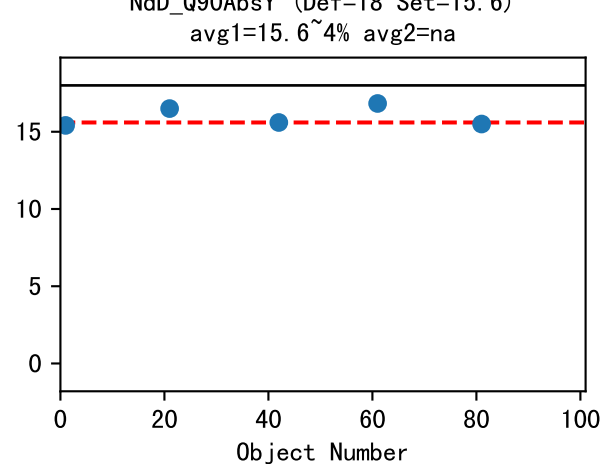
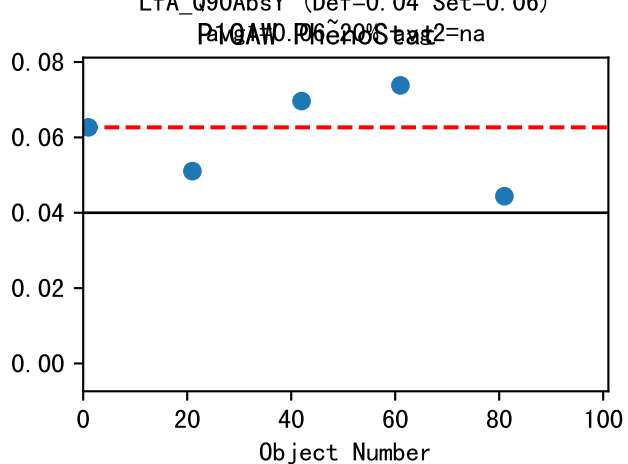
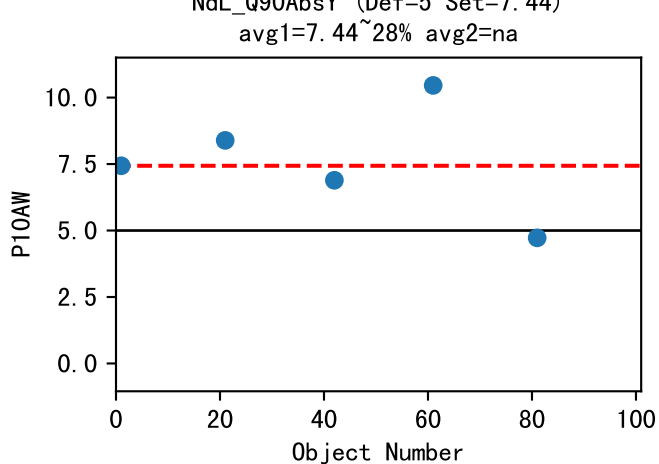


avg1=5.0 30% avg2=na

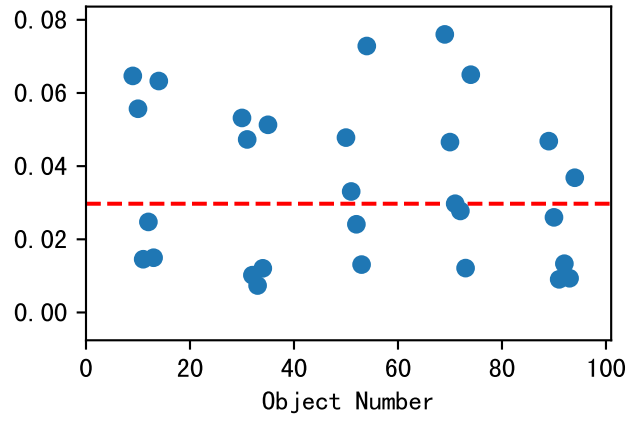
P10AW TrimFruit

avg1=6.0 0% avg2=na

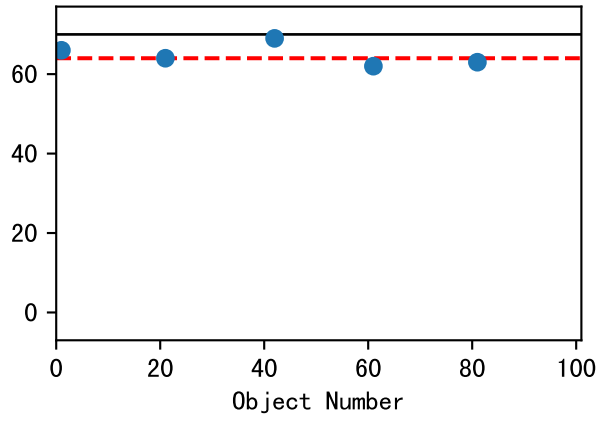




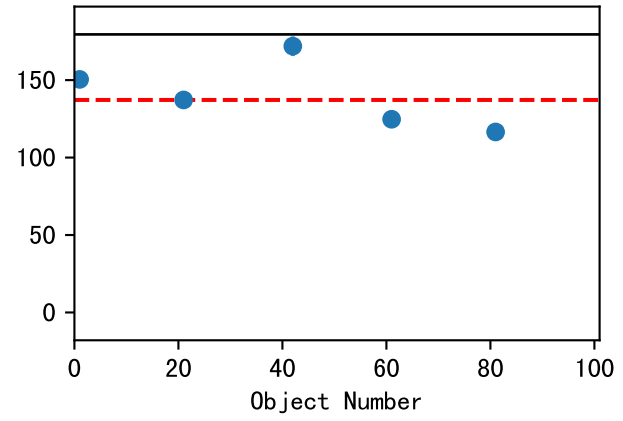
LTA_avgAbsY (Def=na Set=0.03)
avg1=0.03~73% avg2=na



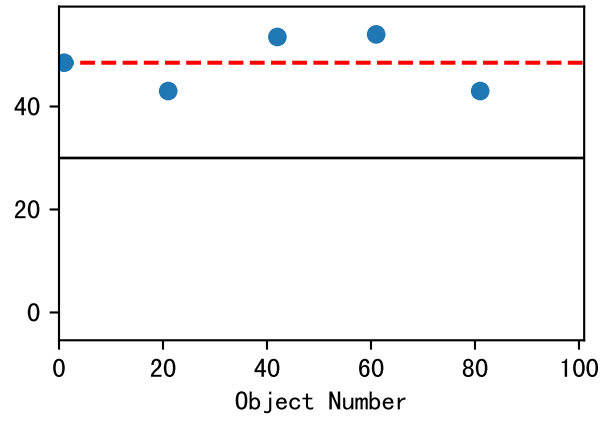
FrD_avgAbsY (Def=70 Set=04.0)
avg1=70~4% avg2=na



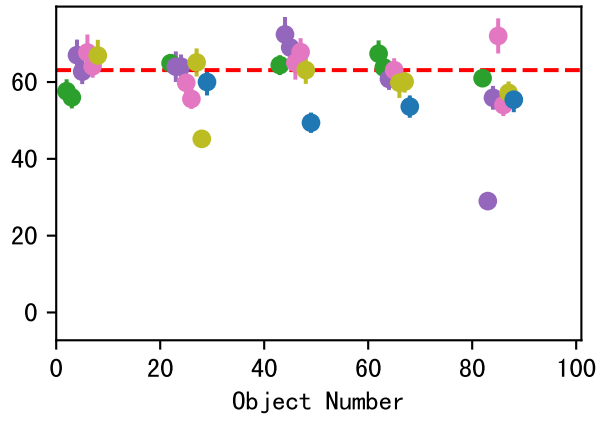
FrV_avgAbsY (Def=179.5 Set=137.19)
avg1=137.19~16% avg2=na



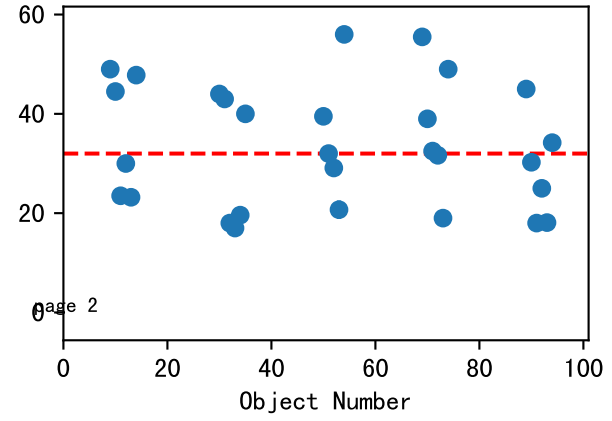
LfW_Q90AbsY (Def=30 Set=48.5)
avg1=48.5~11% avg2=na



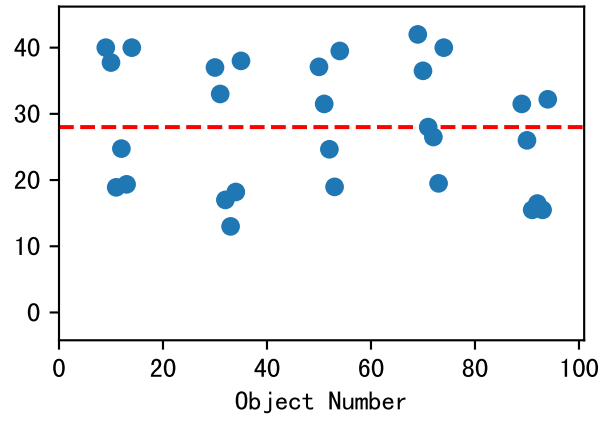
FrD_avgAbsY (Def=na Set=63.1)
avg1=63.1~10% avg2=na



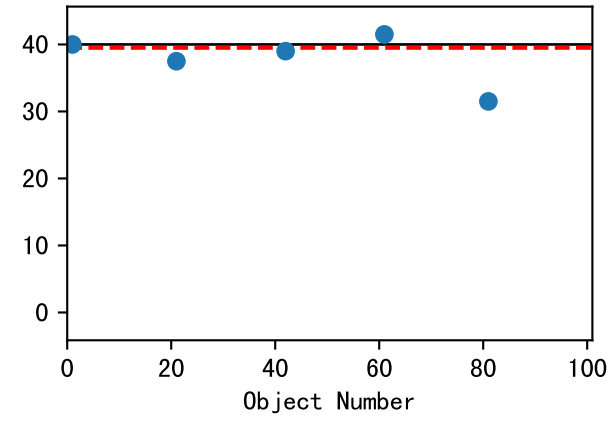
LfW_avgAbsY (Def=na Set=32.0)
avg1=32.0~38% avg2=na



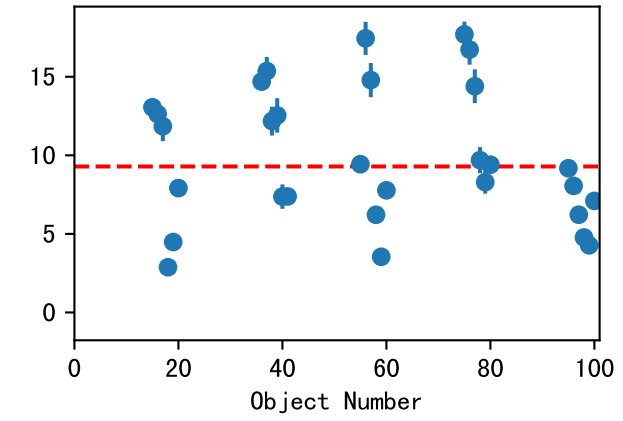
LTL_avgAbsY (Def=na Set=28.0)
avg1=28.0~34% avg2=na



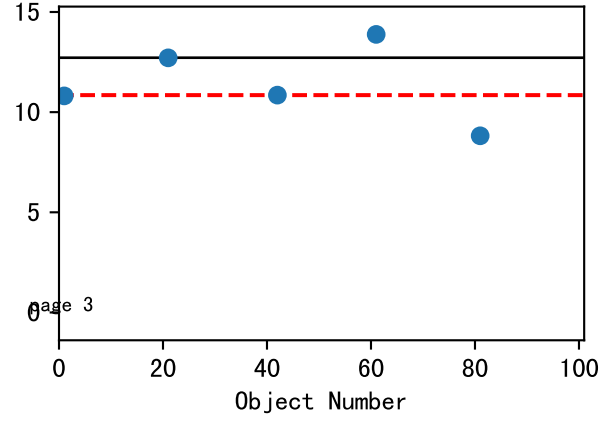
LTL_Q90AbsY (Def=40 Set=39.5)
Page 3 Def=40 Set=39.5
avg1=39.5~44% avg2=na



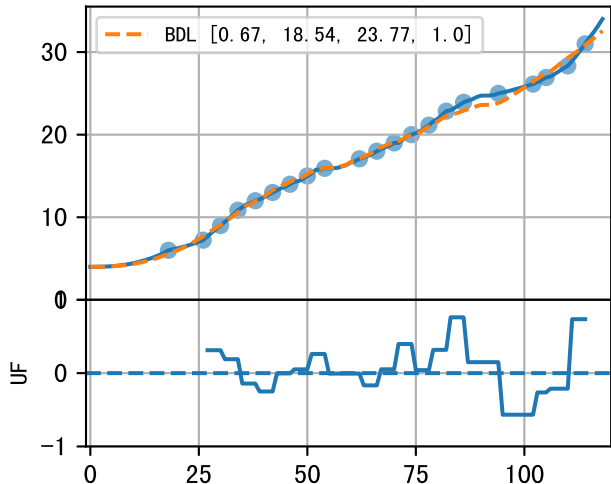
NdV_avgAbsY (Def=na Set=9.29)
avg1=9.29~46% avg2=na



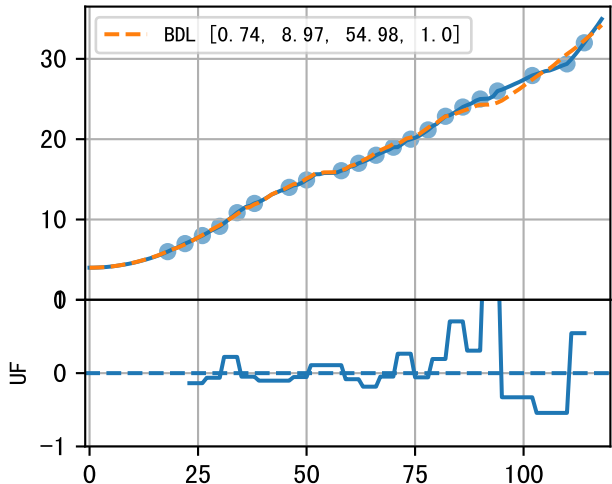
NdV_Q90AbsY (Def=12.72 Set=10.85)
avg1=10.85~18% avg2=na



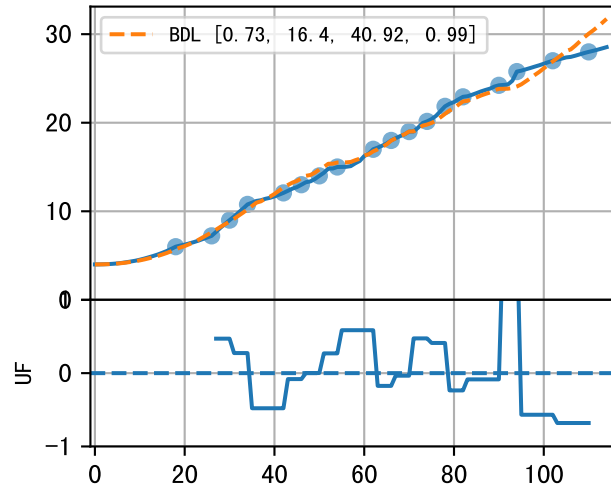
P10AW-004-12 (fit failed)



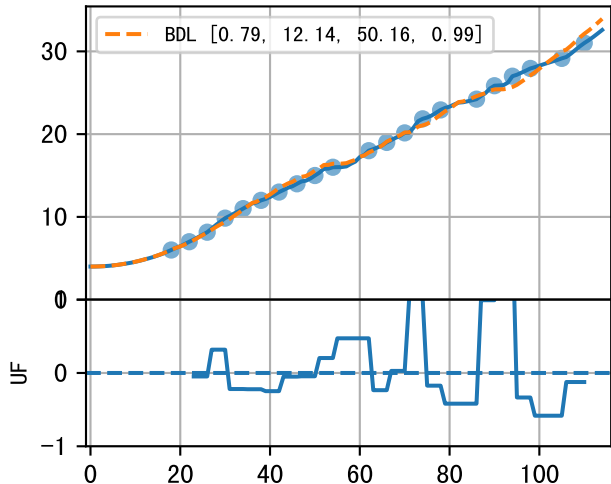
P10AW-010-25 (fit failed)



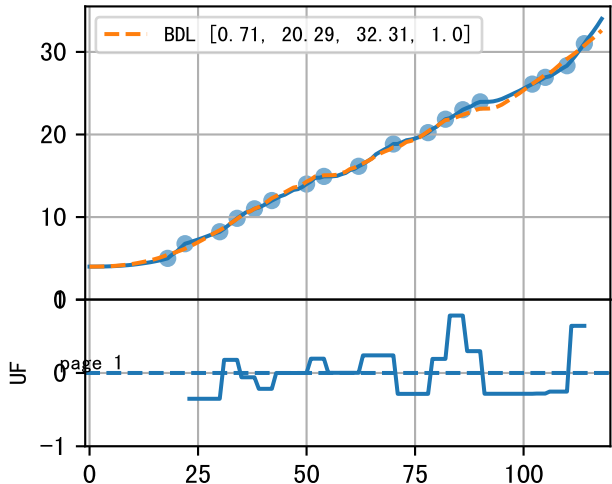
P10AW-017-16 (fit failed)



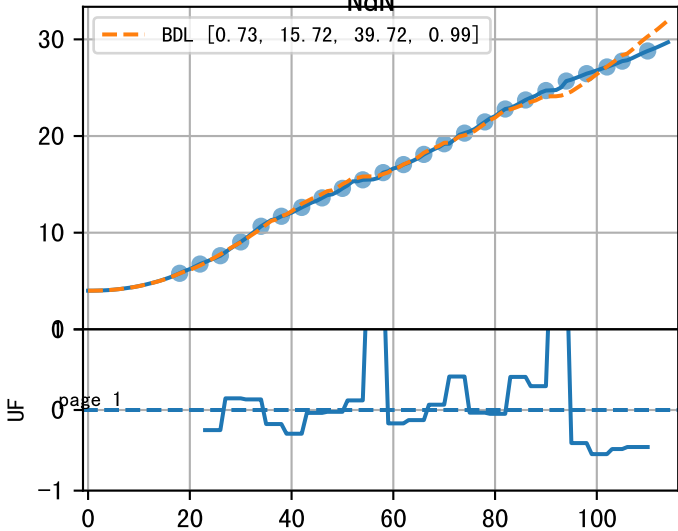
P10AW-025-3 (fit failed)

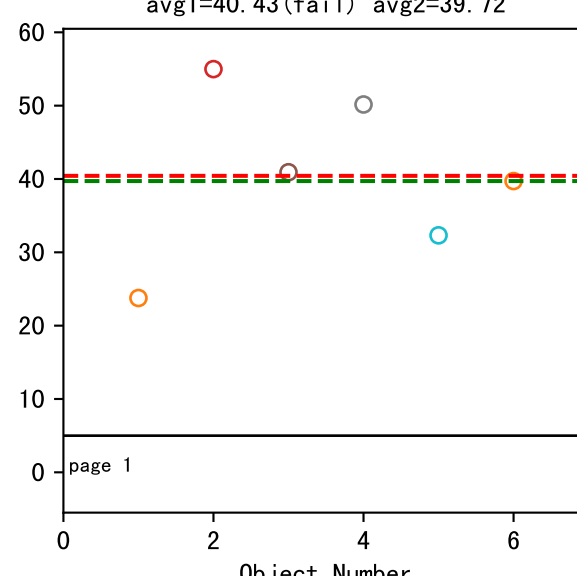
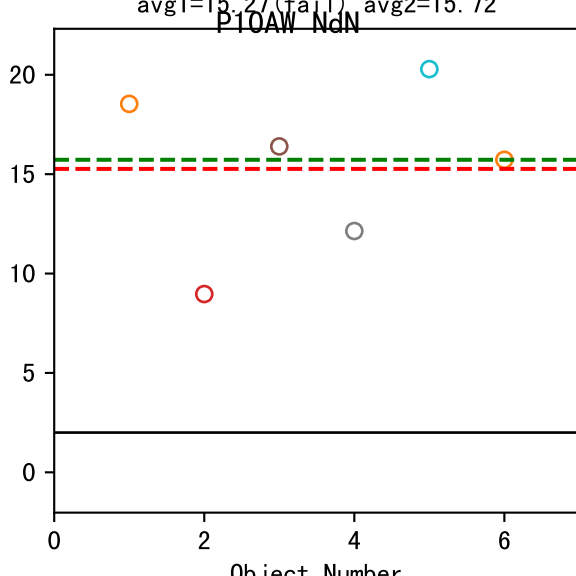
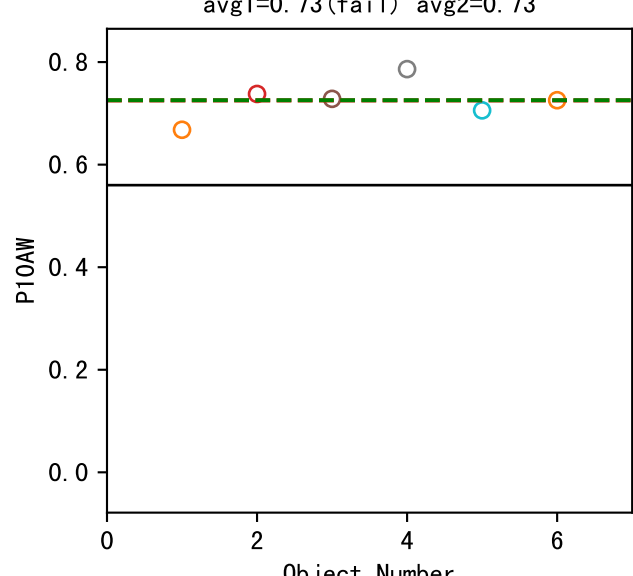


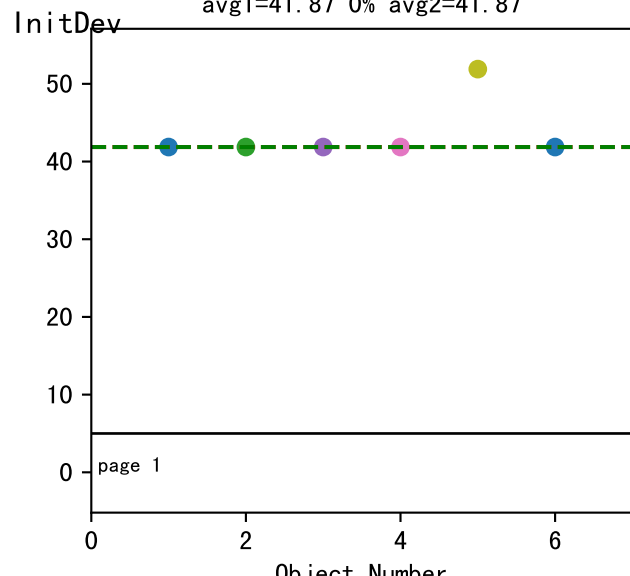
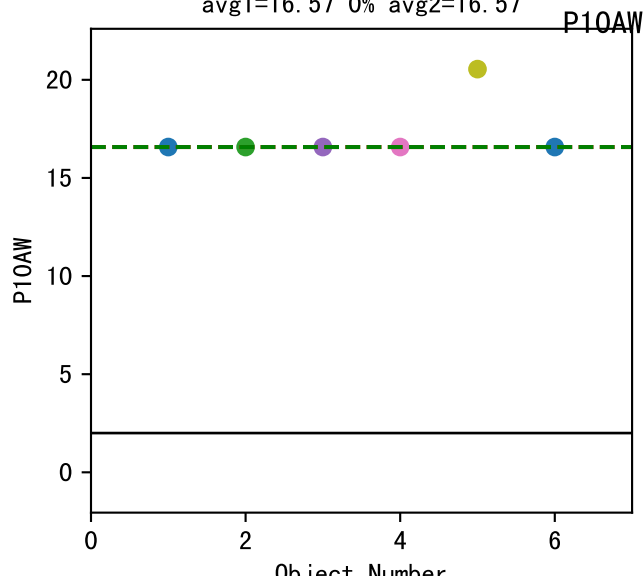
P10AW-032-33 (fit failed)



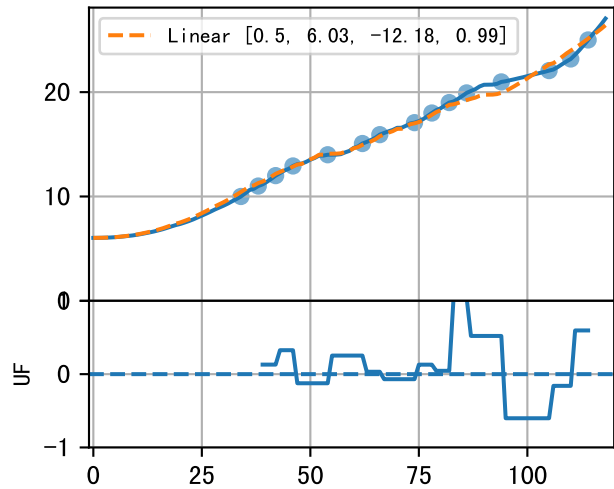
PIOWavg (left-tailed)
NdN



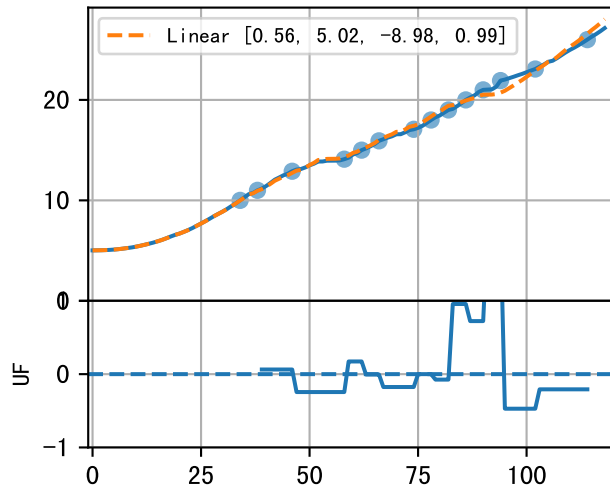




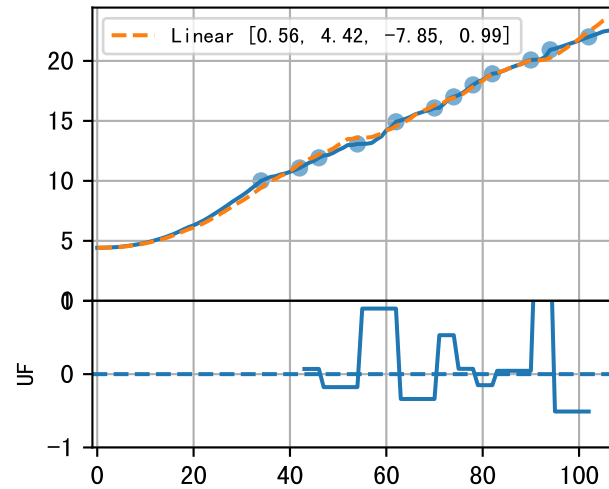
P10AW-004-12



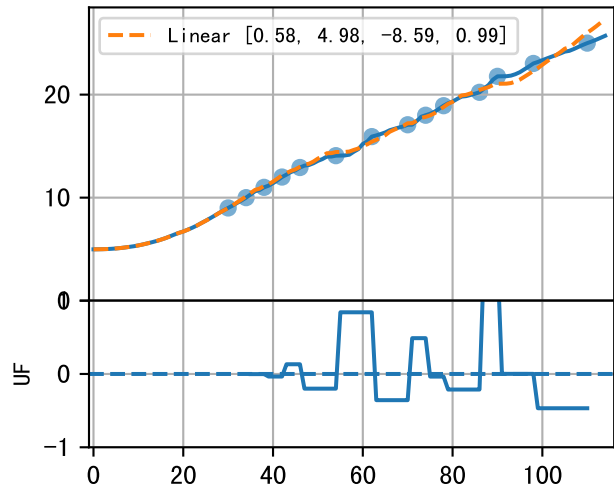
P10AW-010-25



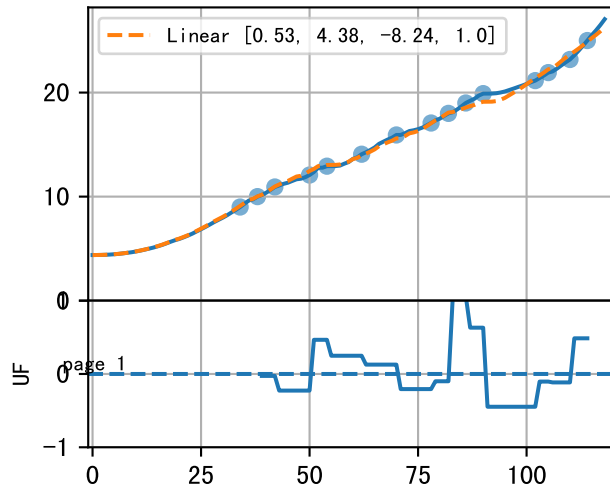
P10AW-017-16



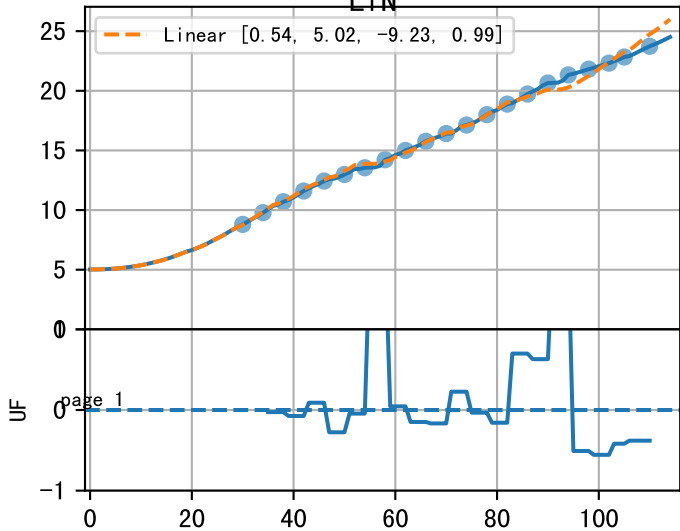
P10AW-025-3

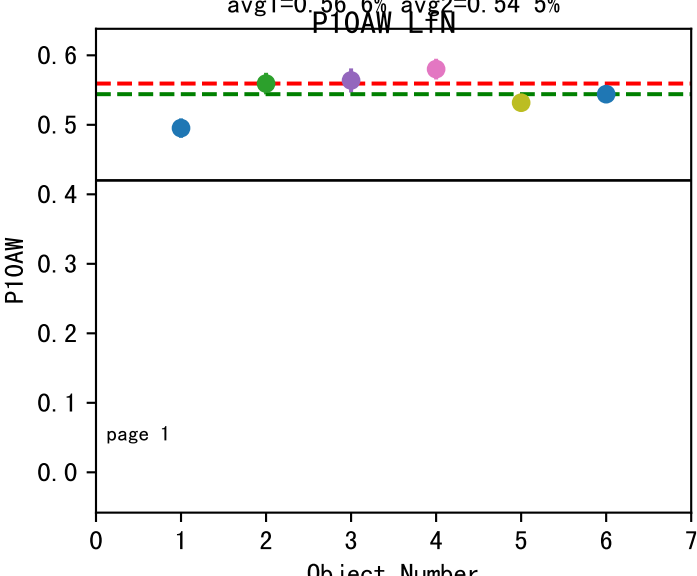


P10AW-032-33

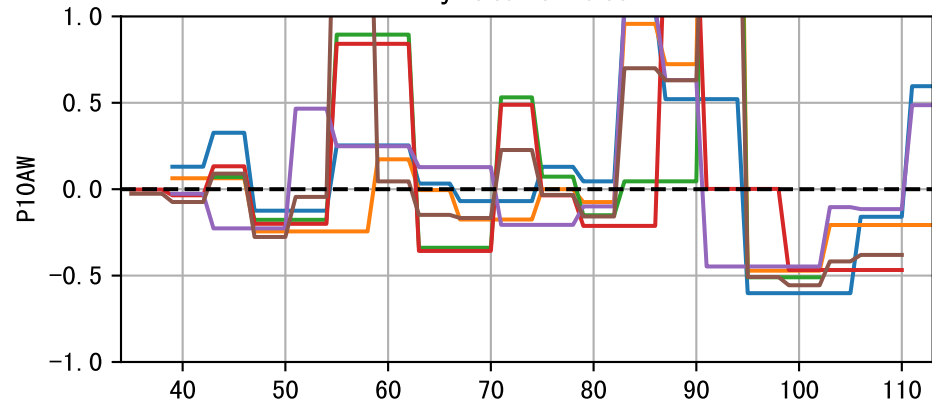


PTUavg
Lfn

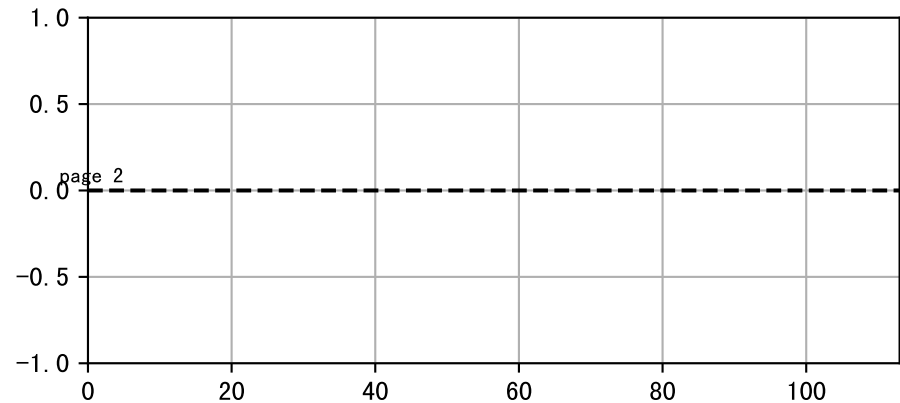
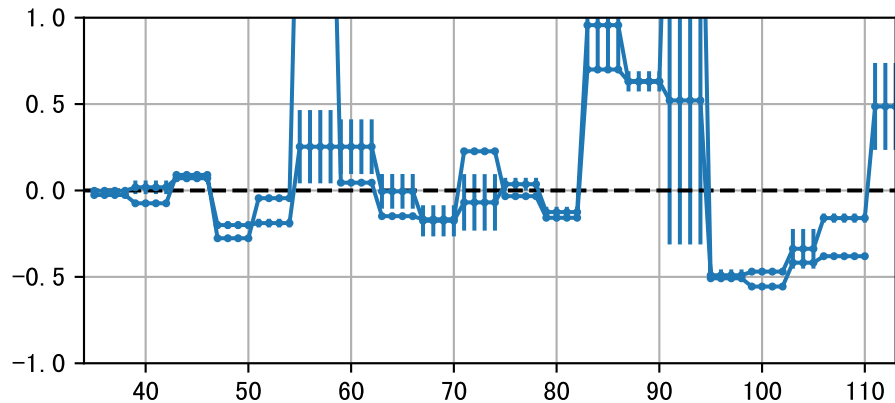
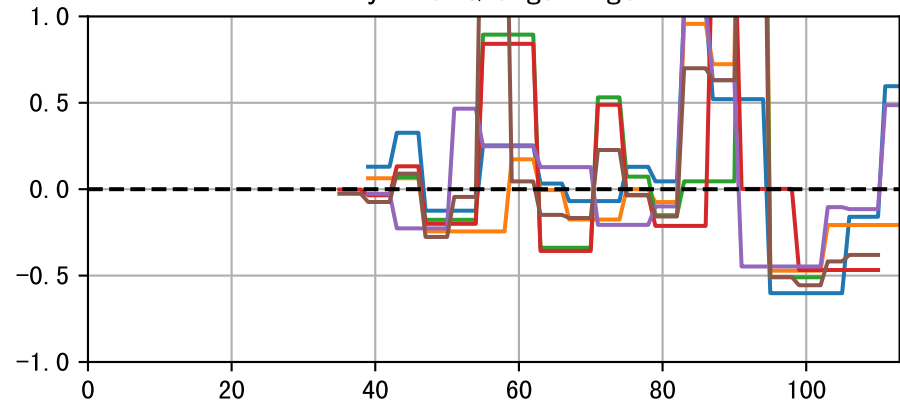




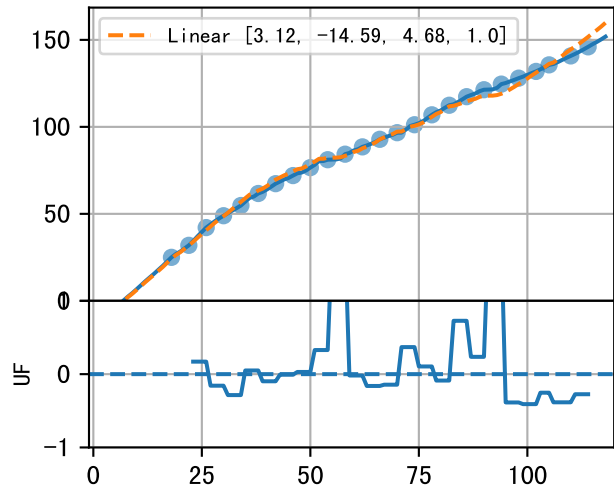
By Start Date



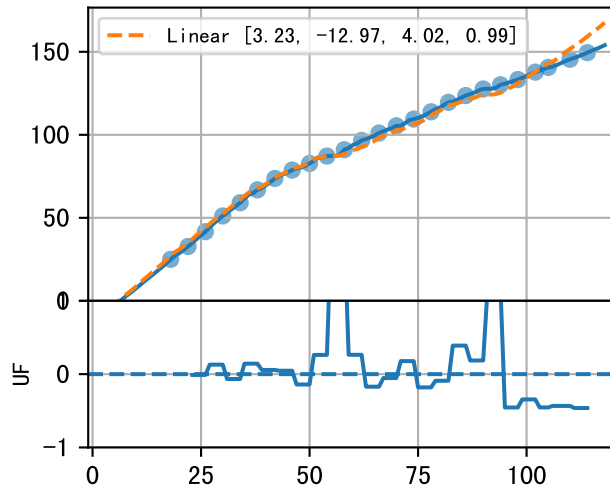
By Plant/Organ Age



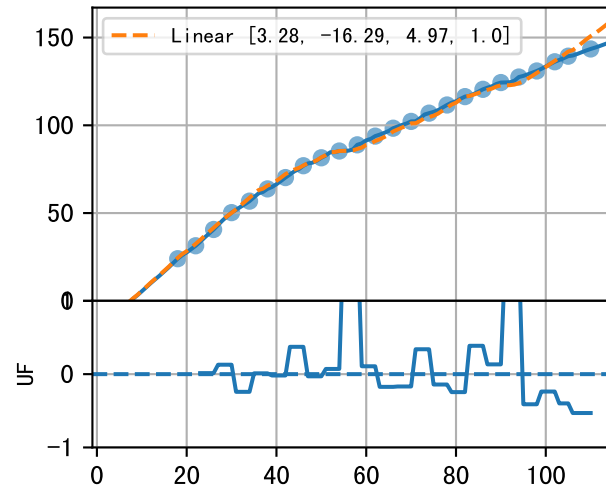
P10AW-004-12



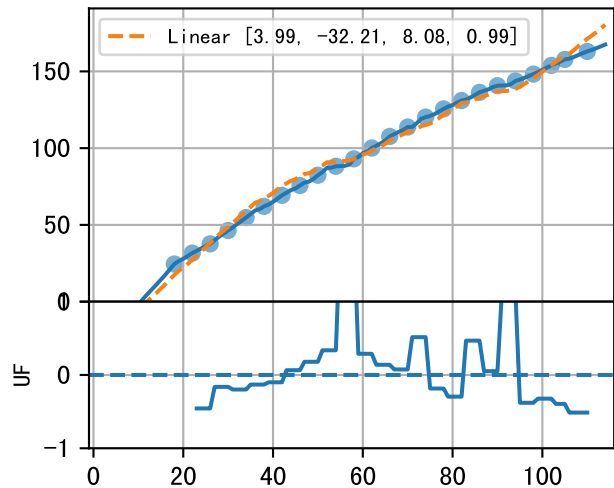
P10AW-010-25



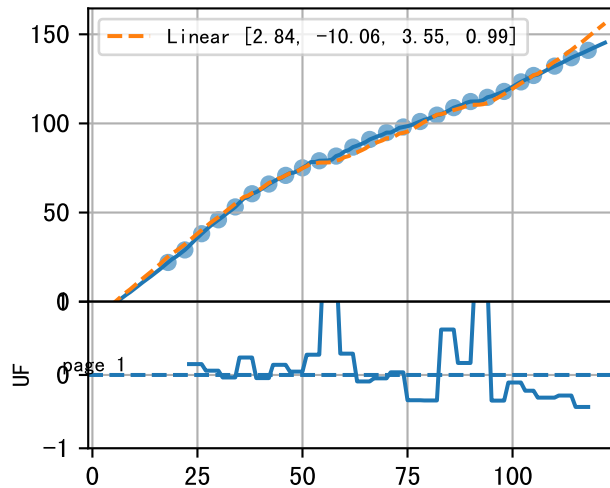
P10AW-017-16



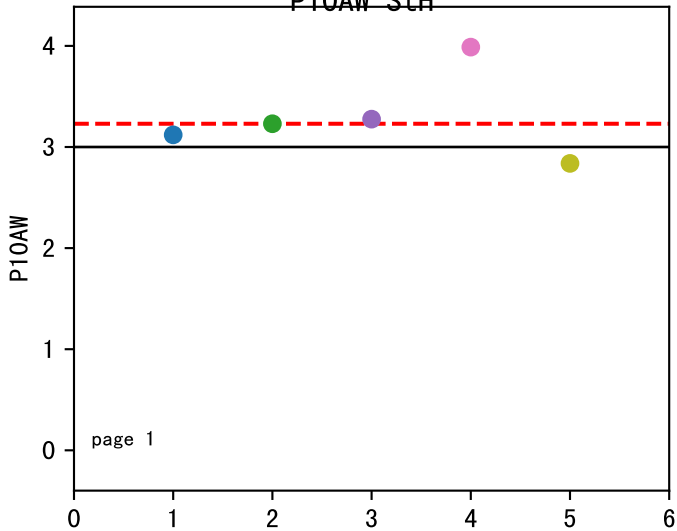
P10AW-025-3



P10AW-032-33

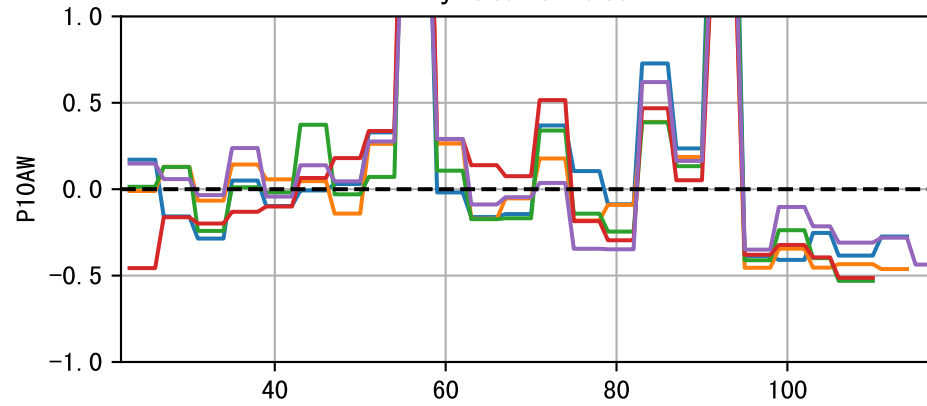


avg1=3.23, 2% avg2=na
P10AW StH

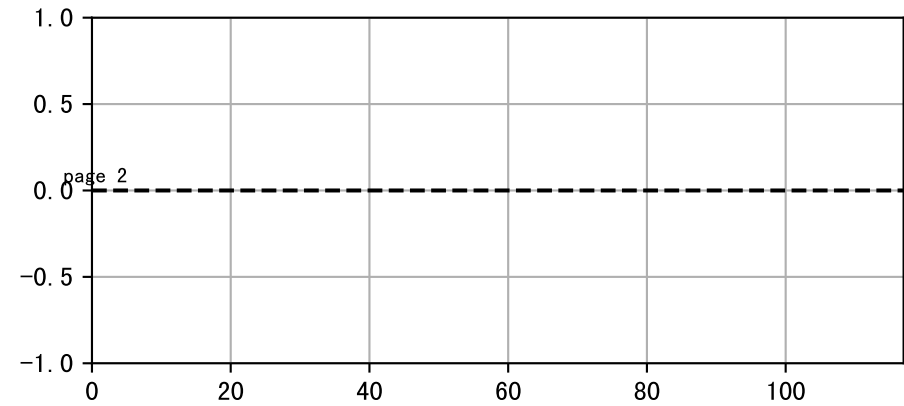
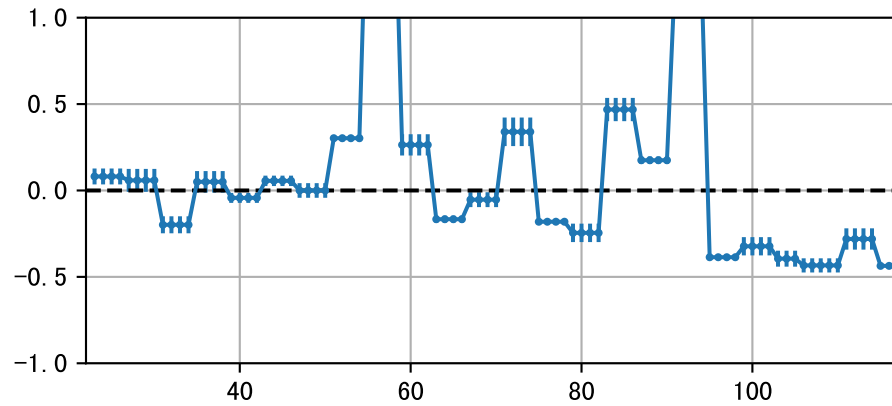
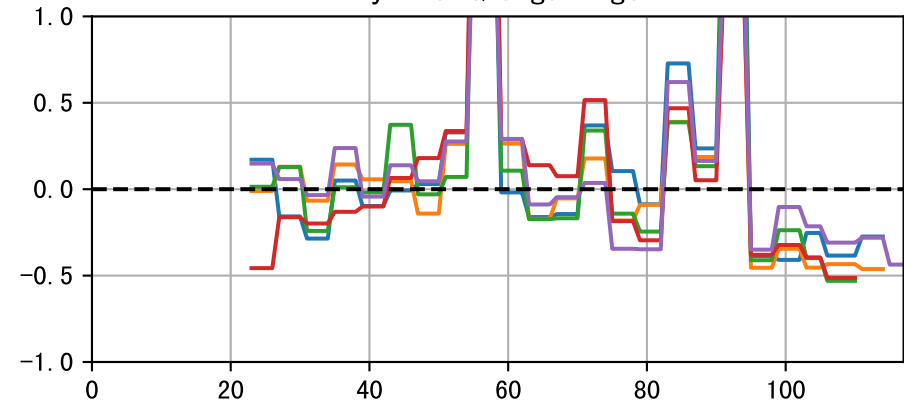


page 1

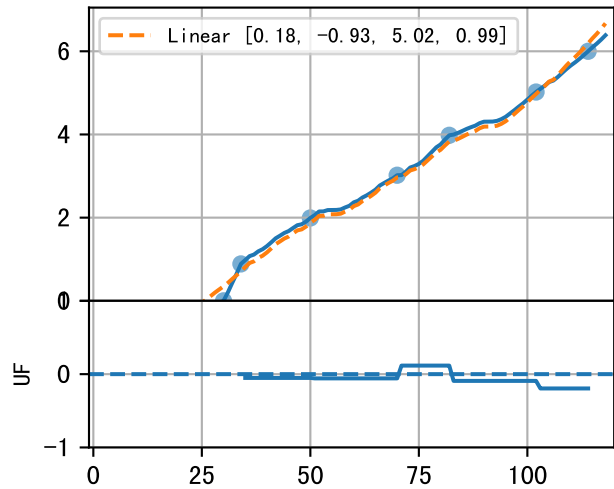
By Start Date



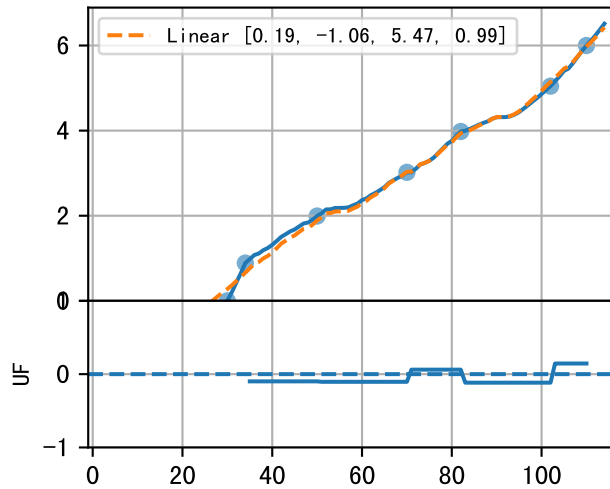
By Plant/Organ Age



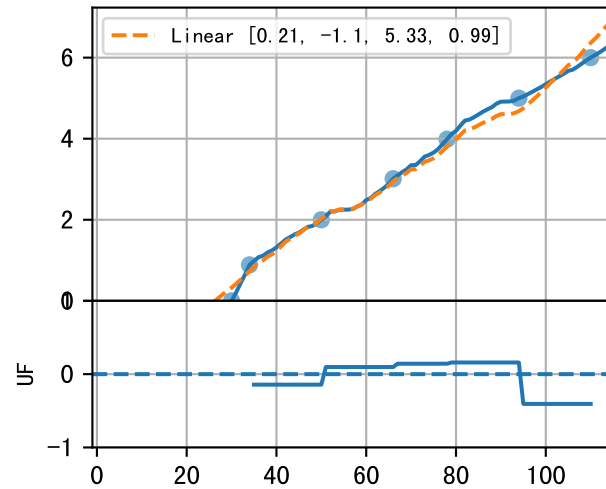
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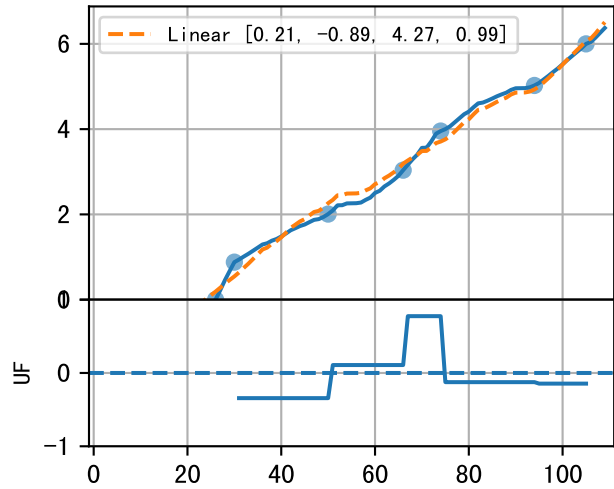
P10AW-010-25



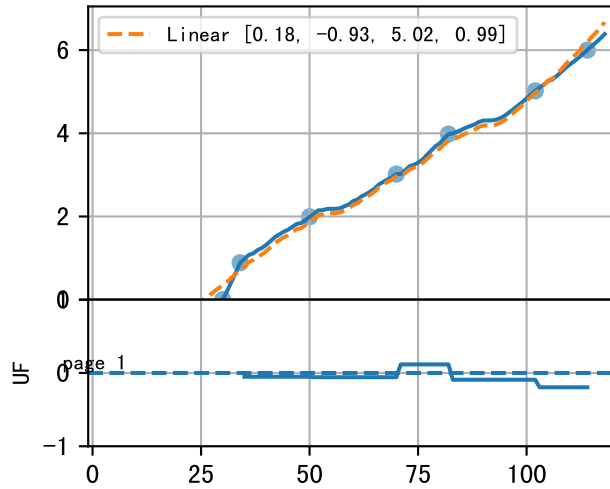
P10AW-017-16



P10AW-025-3



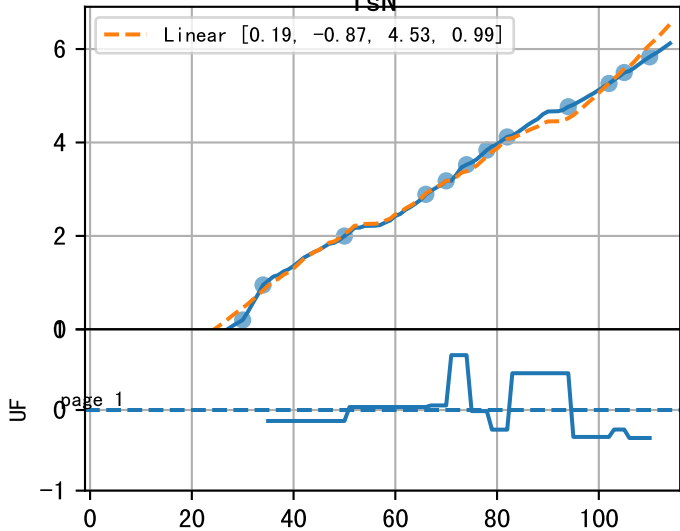
P10AW-032-33

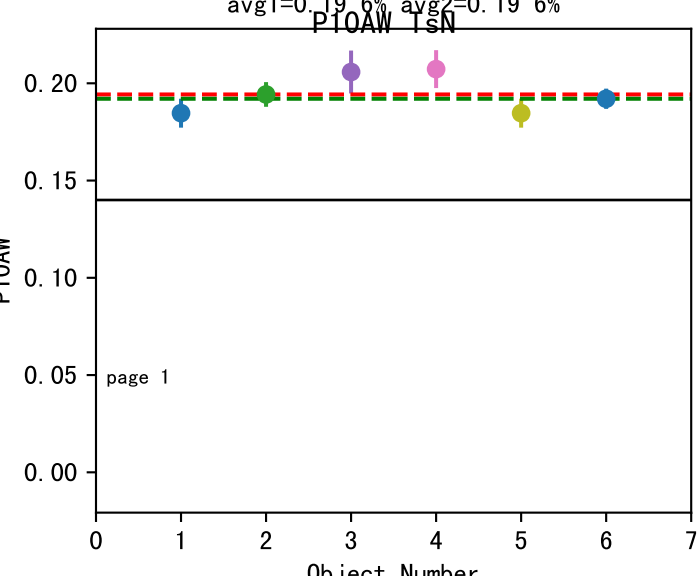


PTUavg

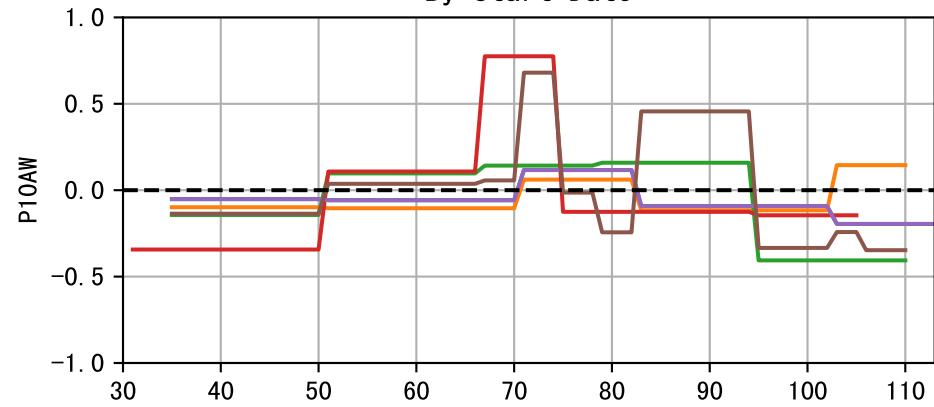
TsN

Linear [0.19, -0.87, 4.53, 0.99]

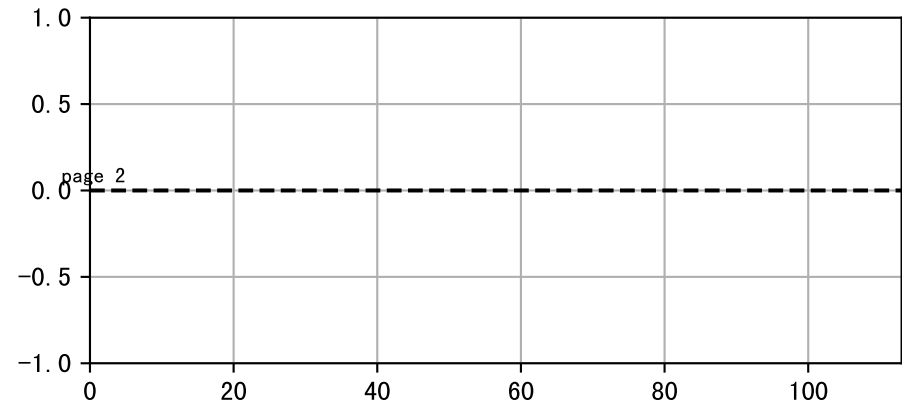
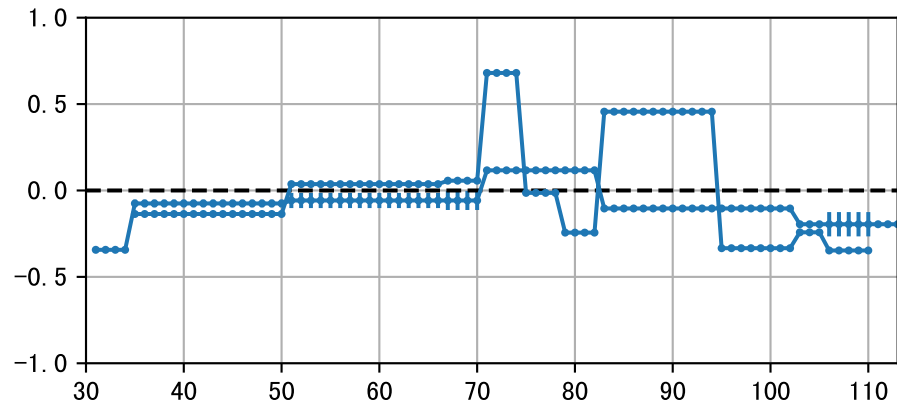
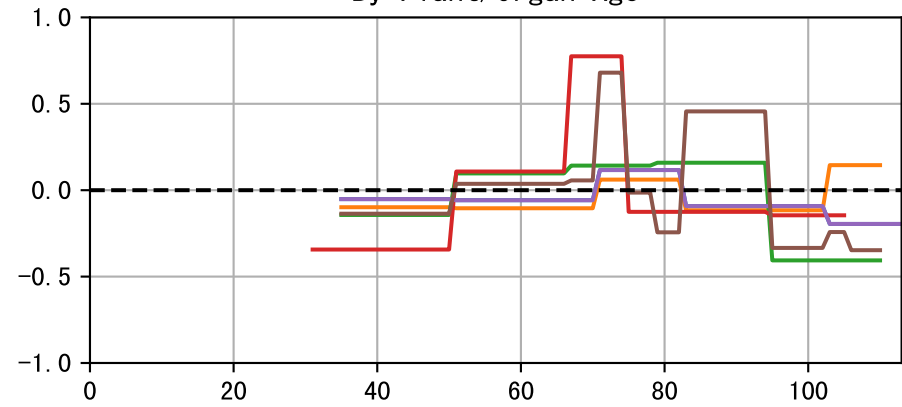


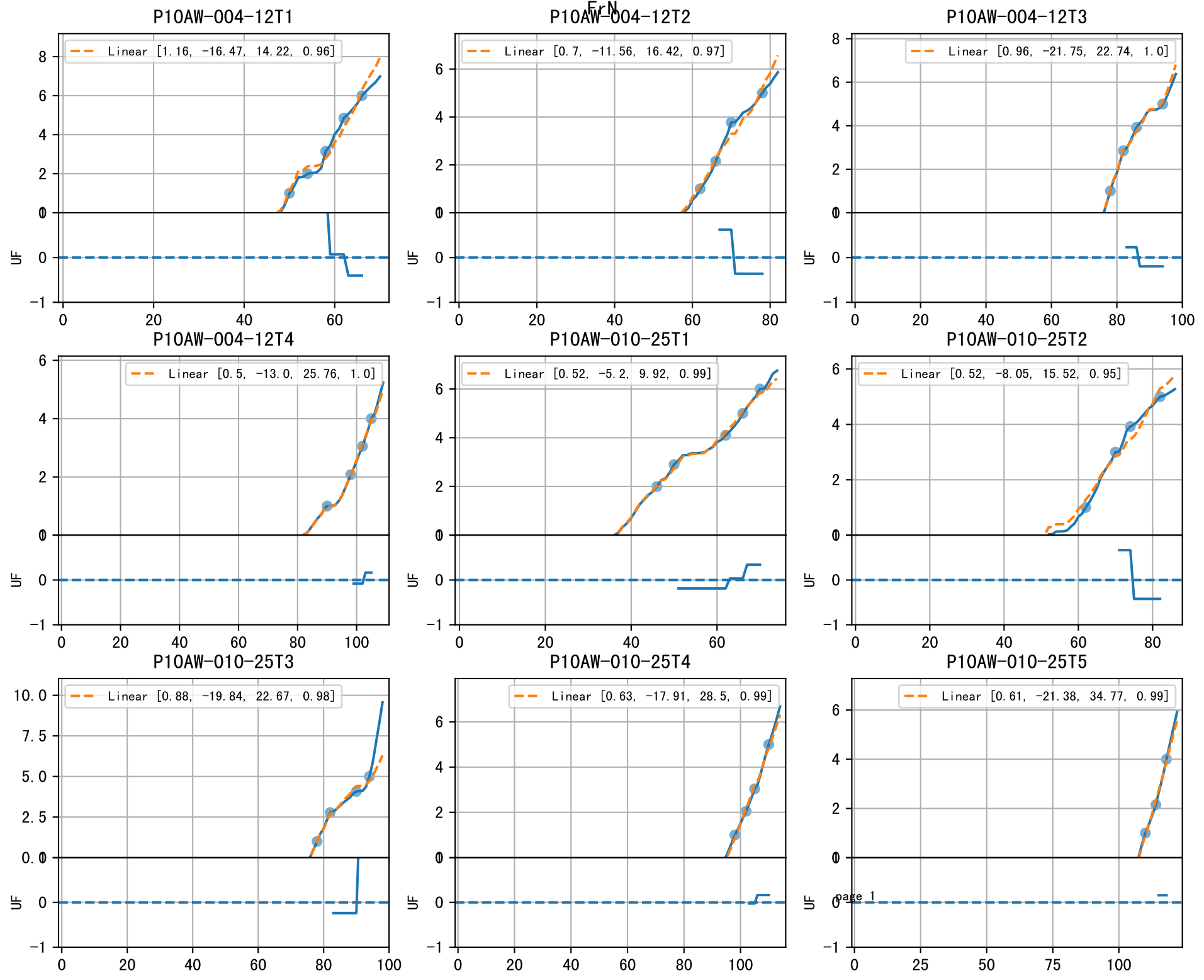


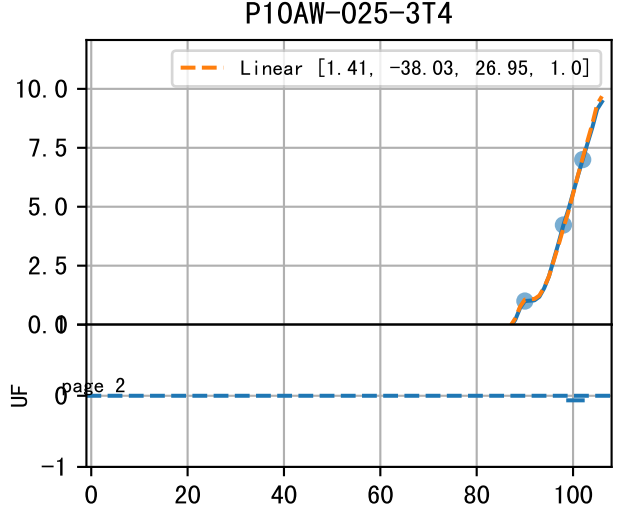
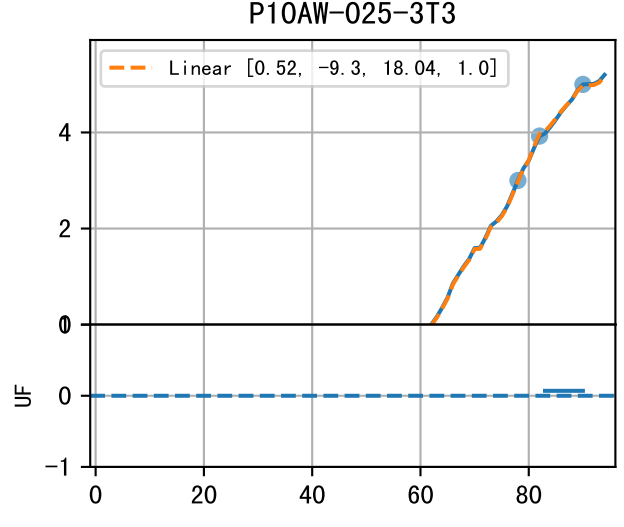
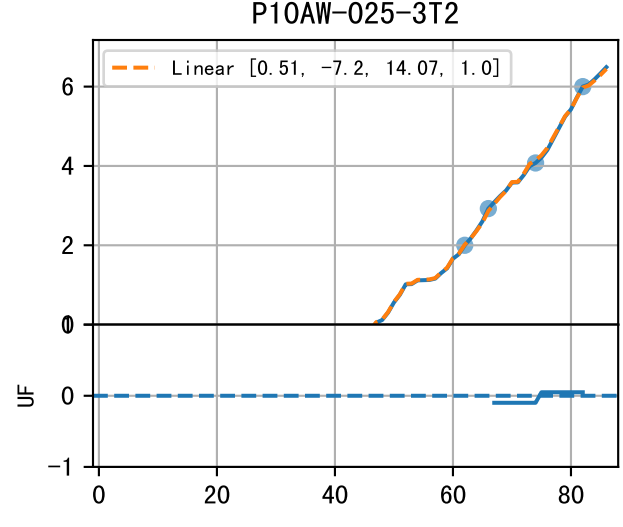
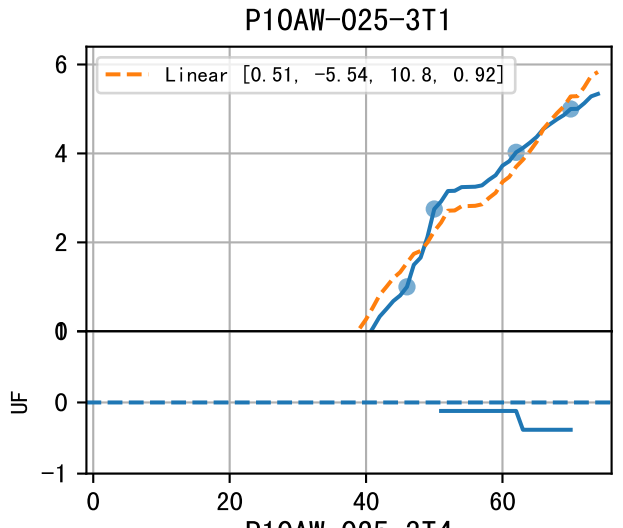
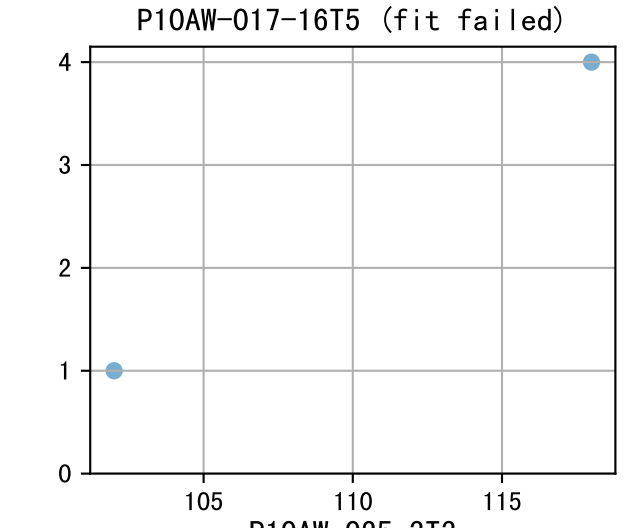
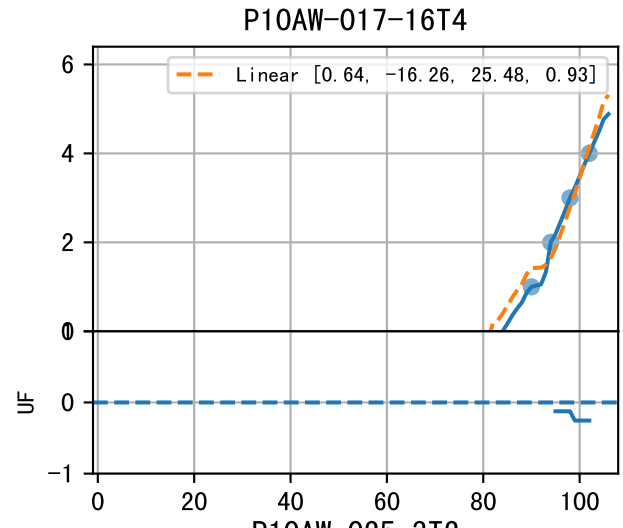
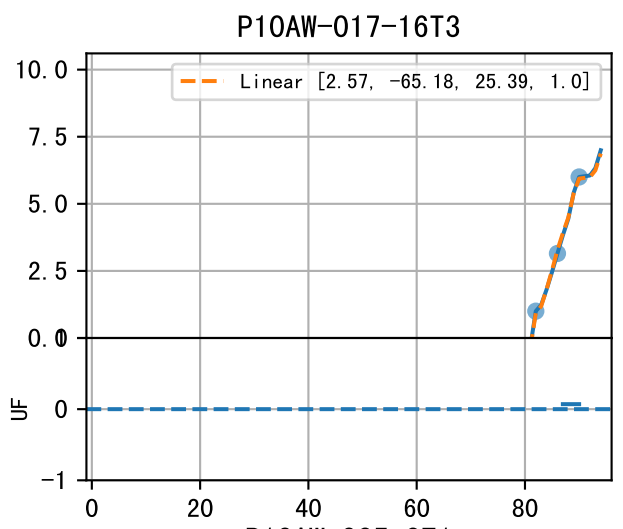
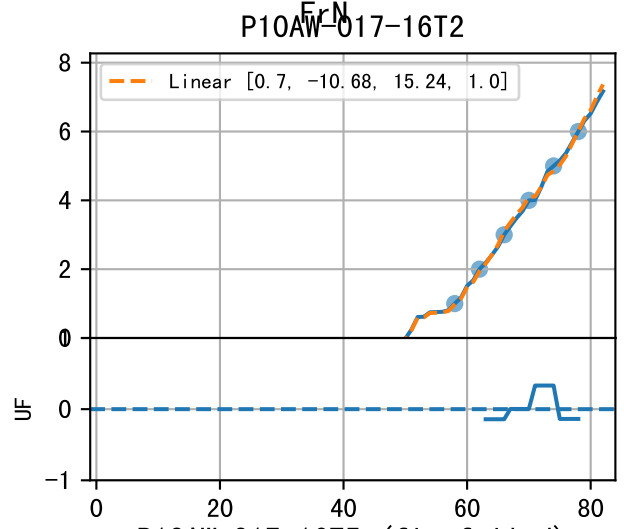
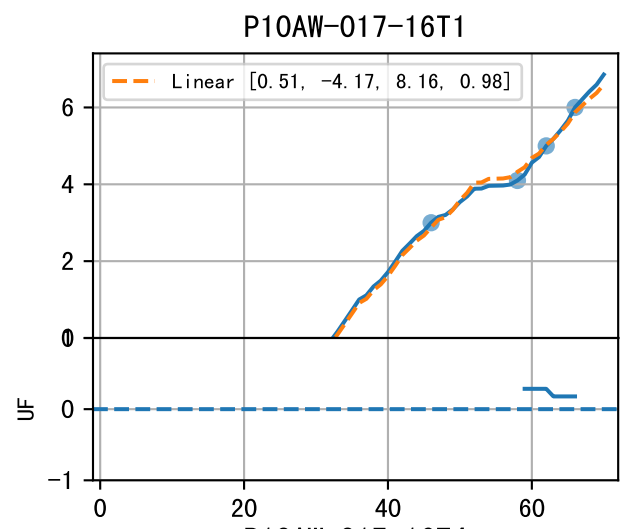
By Start Date



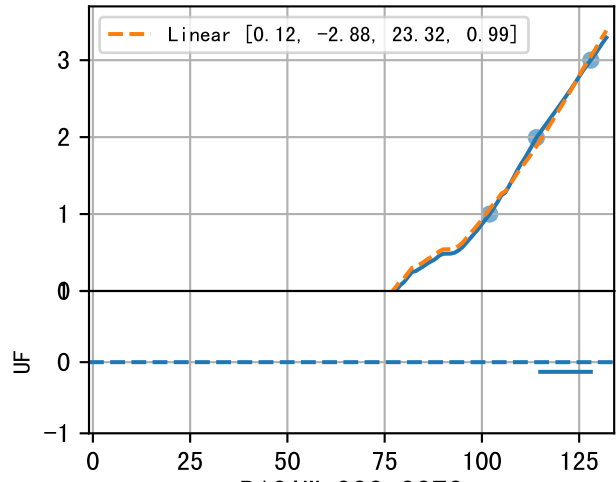
By Plant/Organ Age



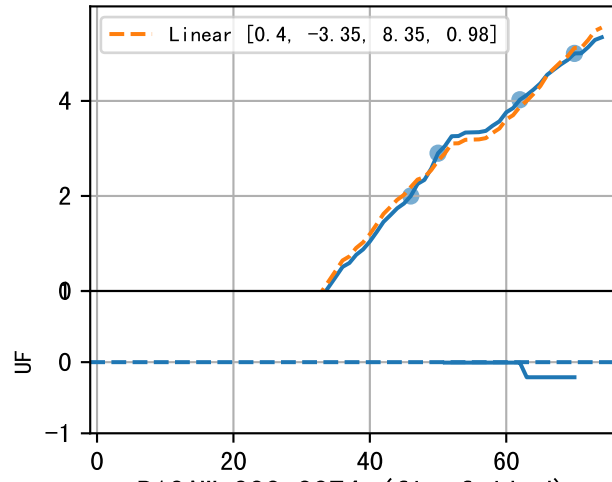




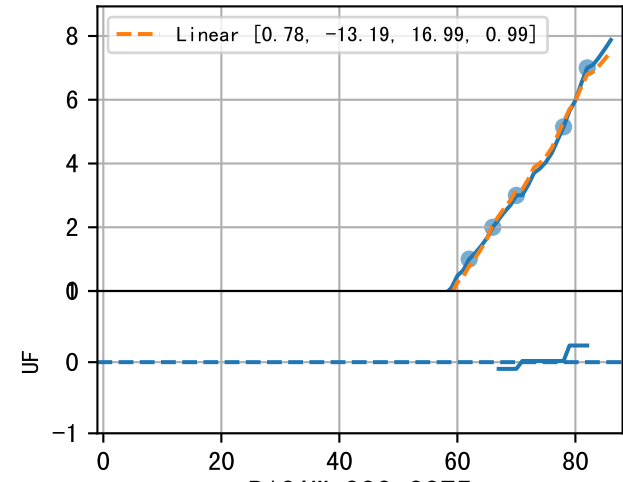
P10AW-025-3T5



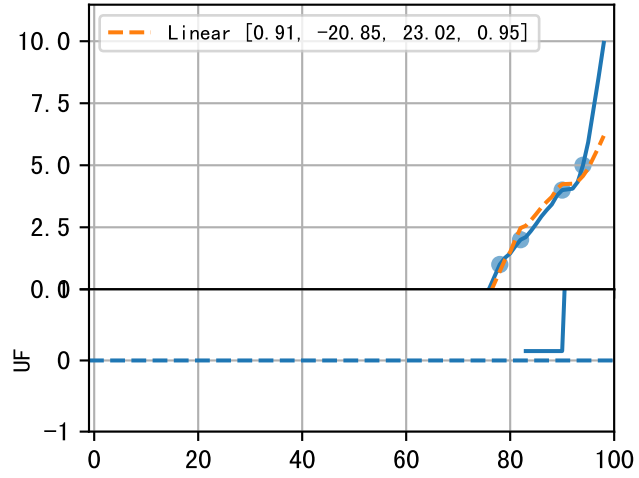
P10AW-032-33T1



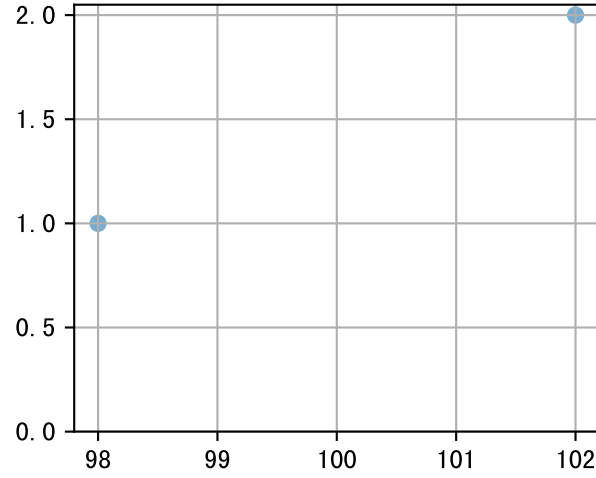
P10AW-032-33T2



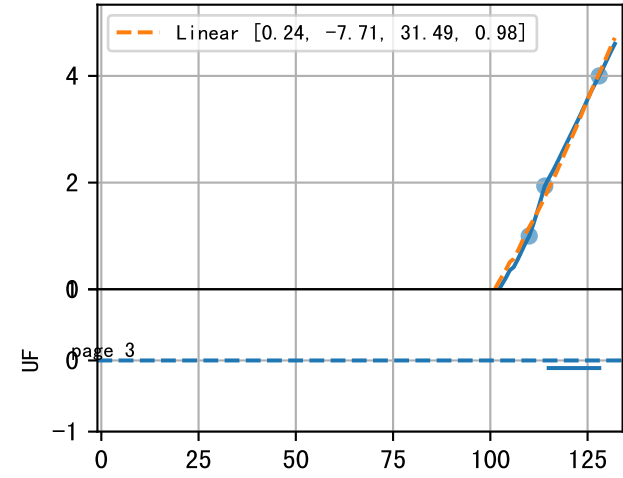
P10AW-032-33T3



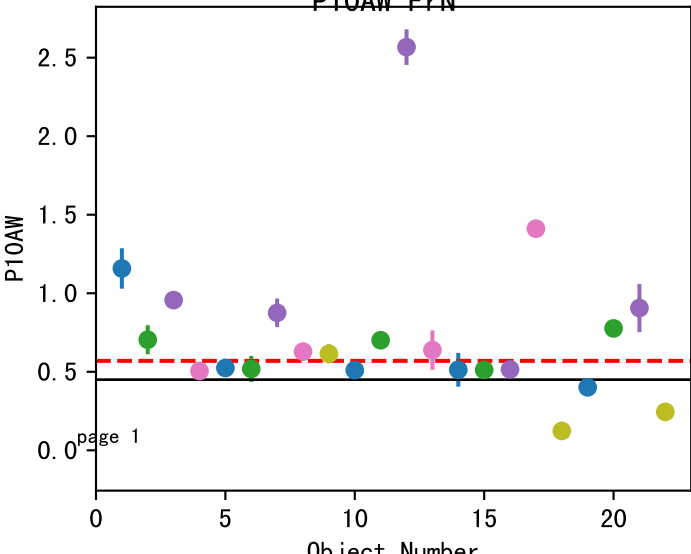
P10AW-032-33T4 (fit failed)



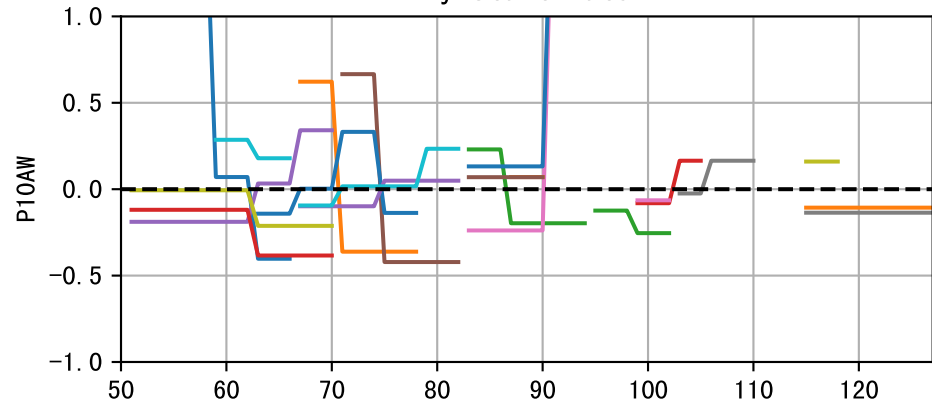
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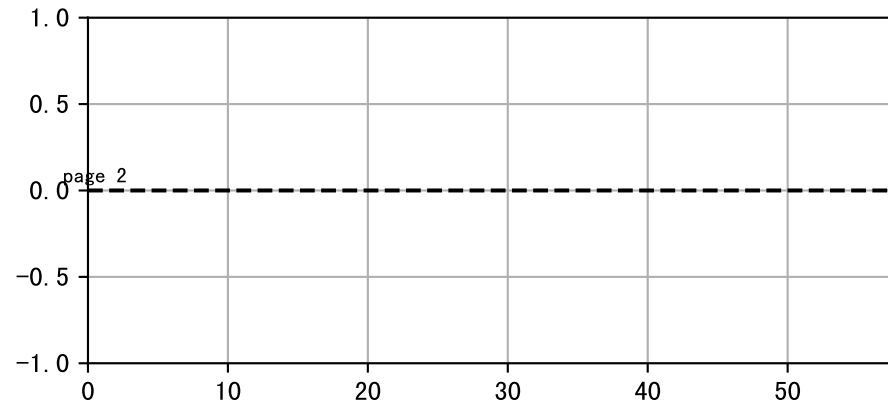
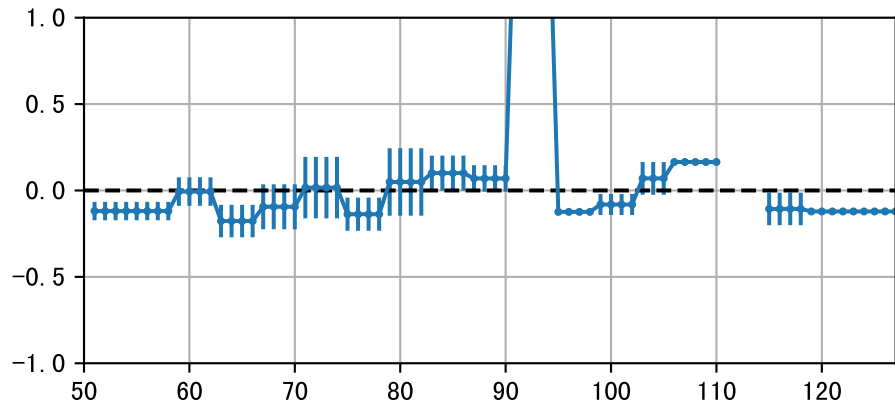
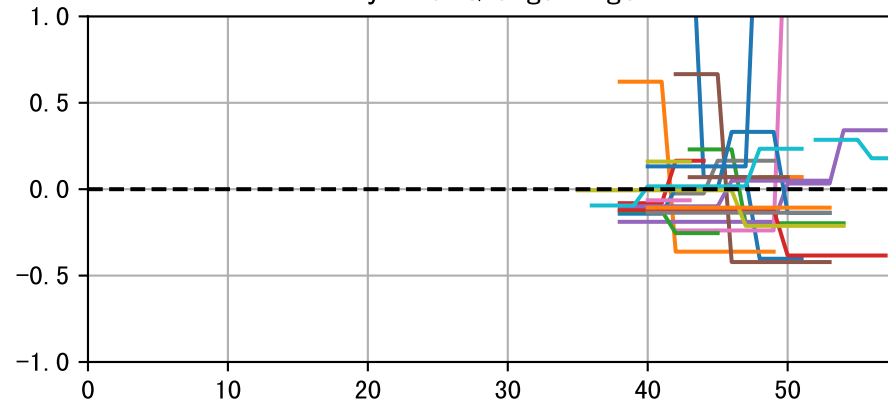
avg1=0.5742% avg2=na
P10AW FrN

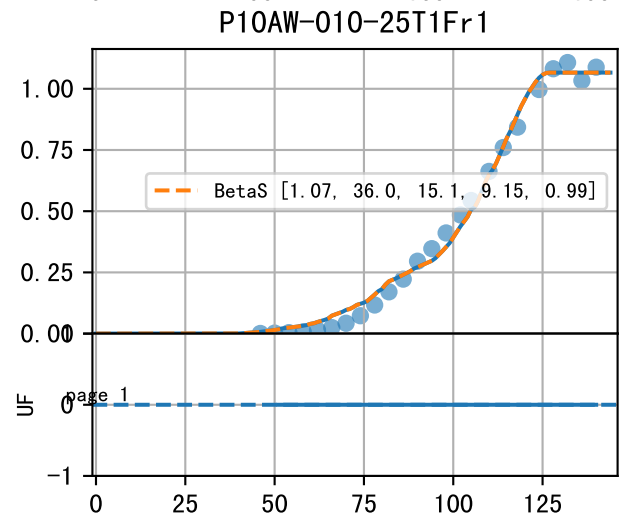
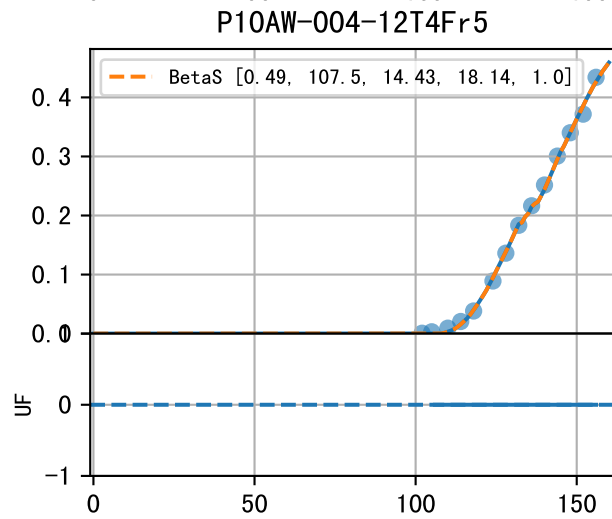
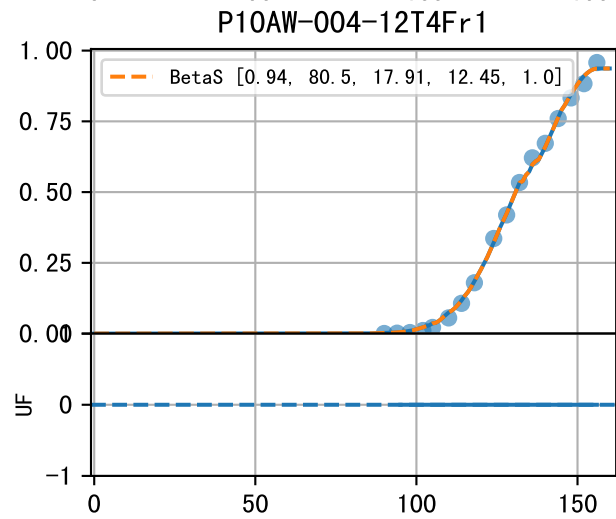
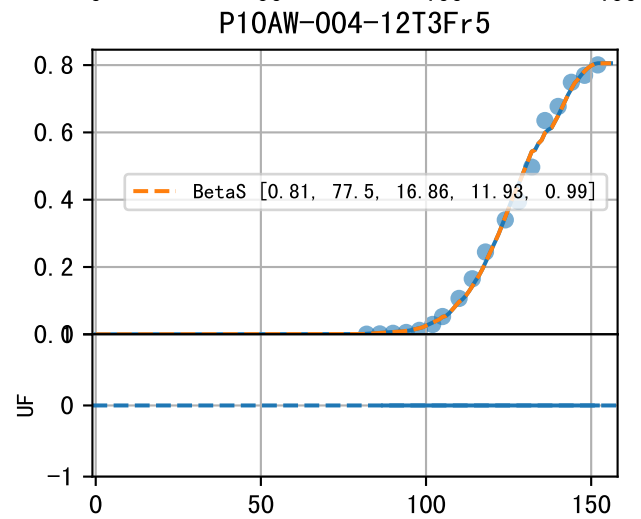
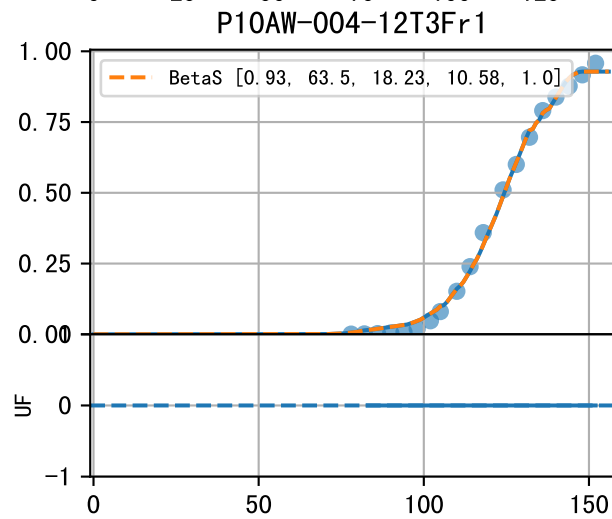
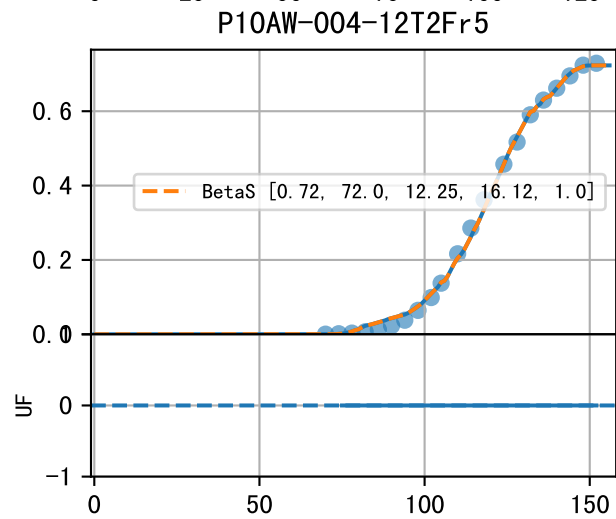
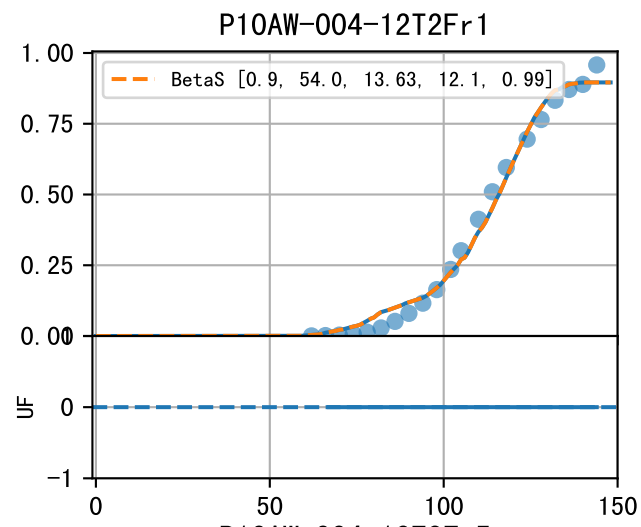
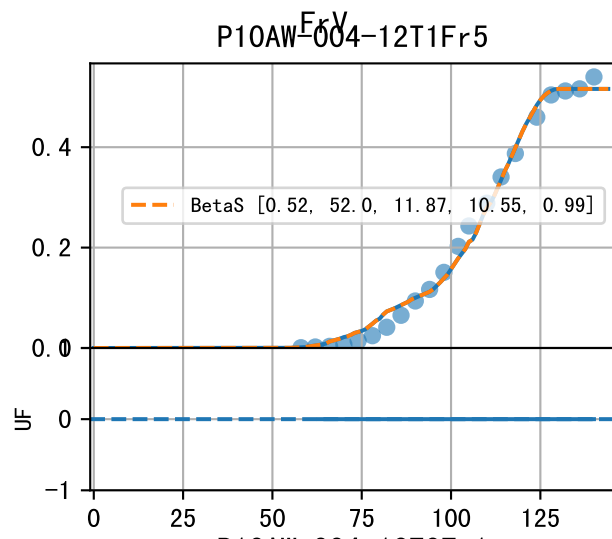
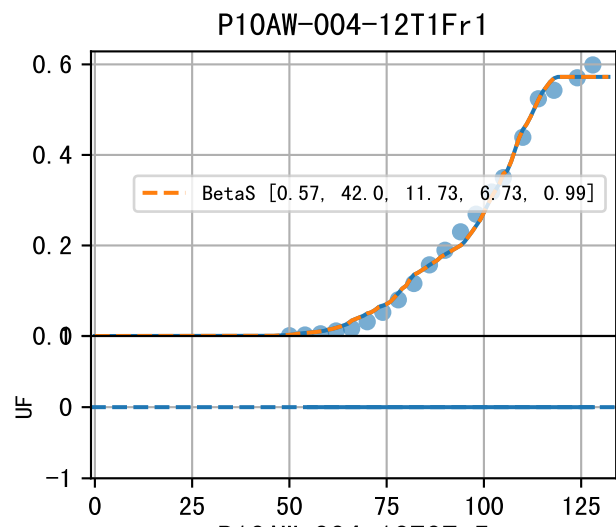


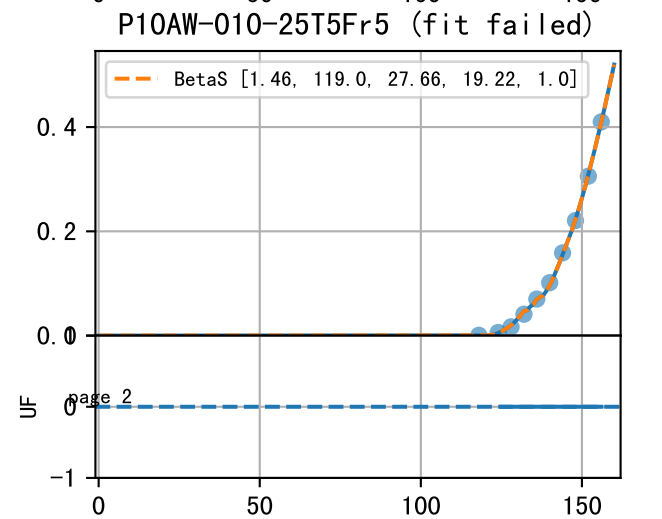
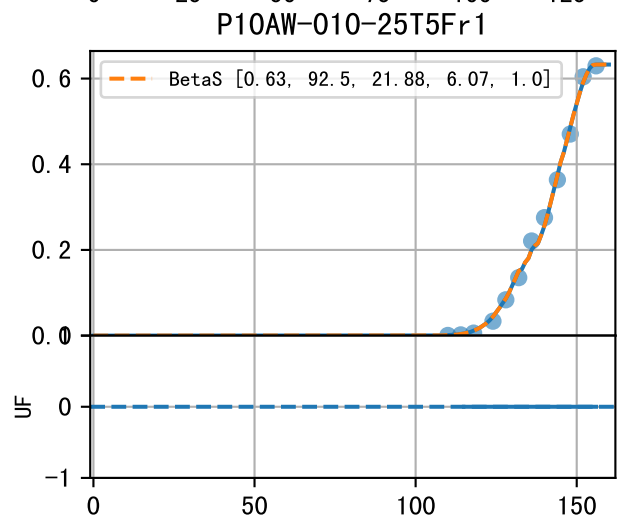
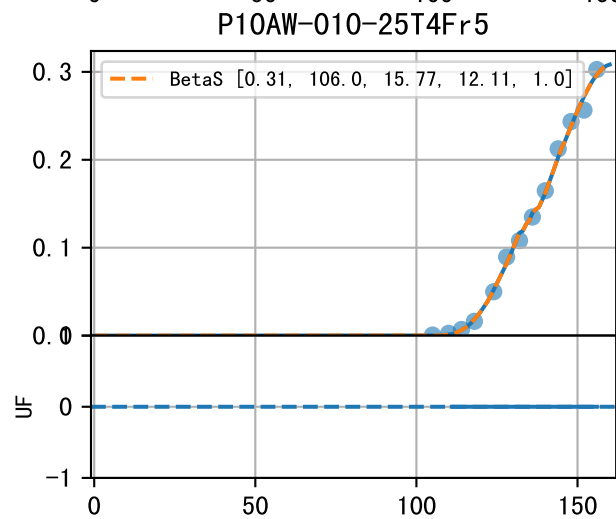
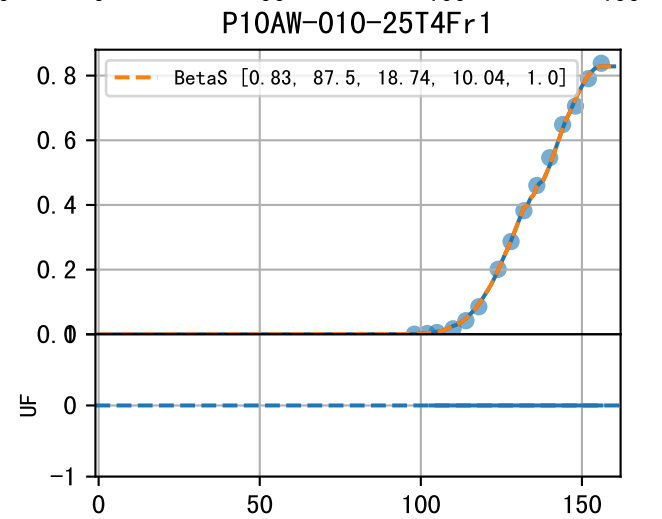
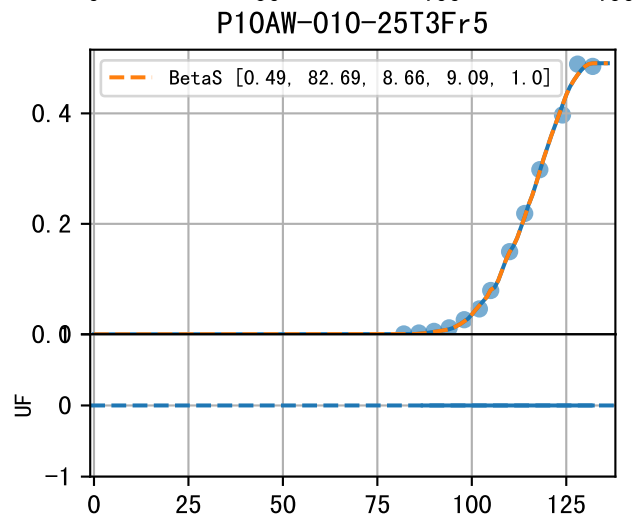
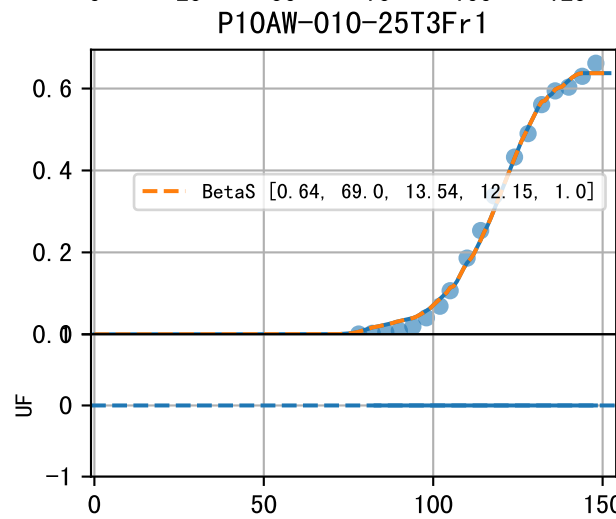
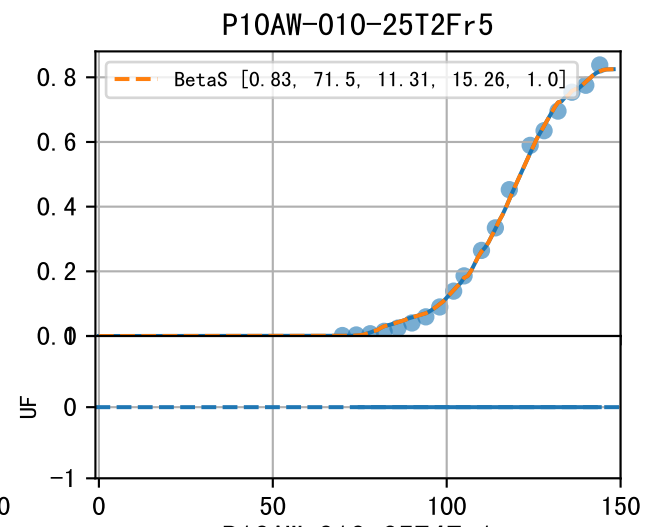
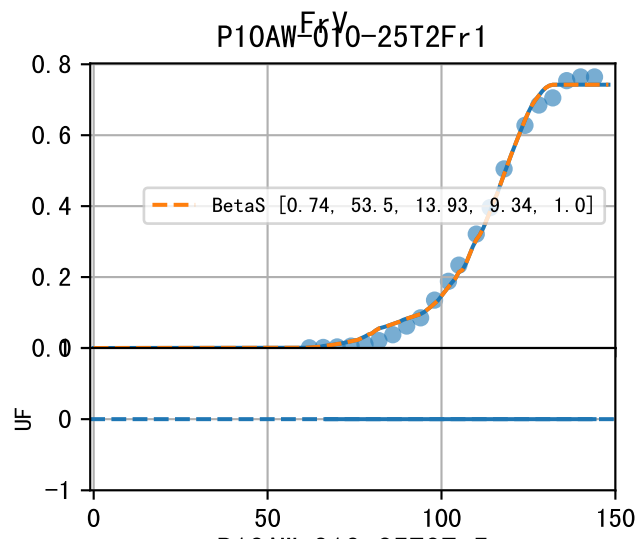
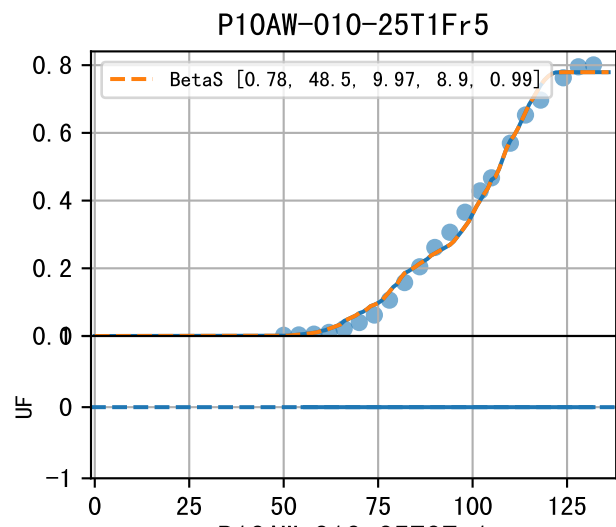
By Start Date



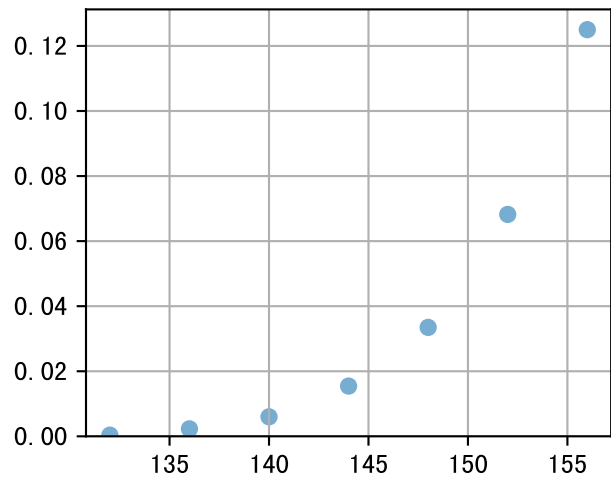
By Plant/Organ Age



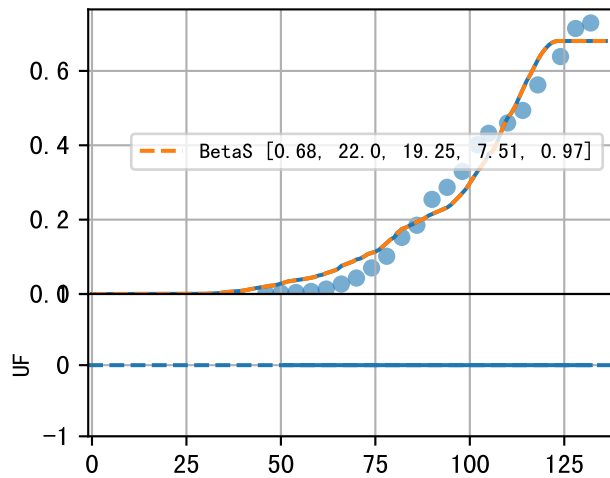




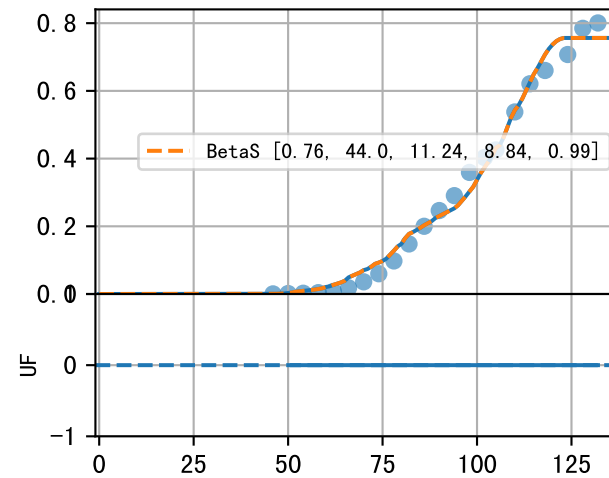
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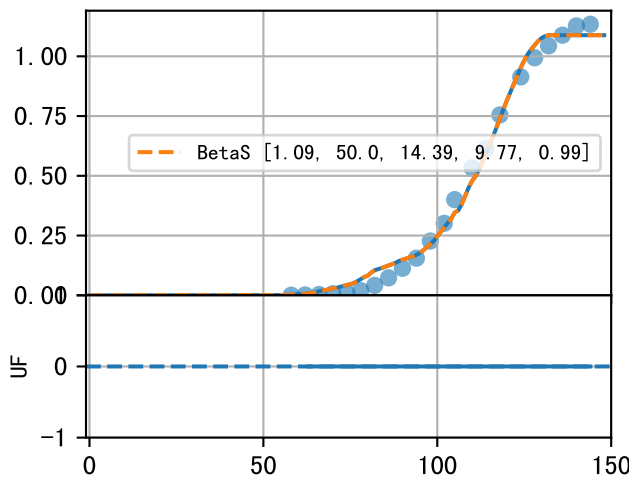
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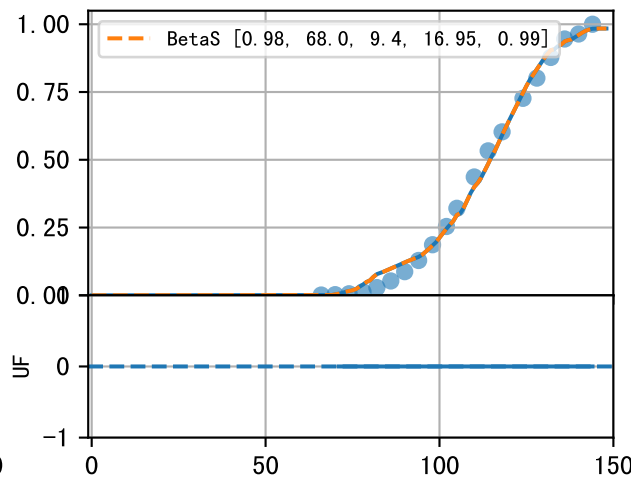
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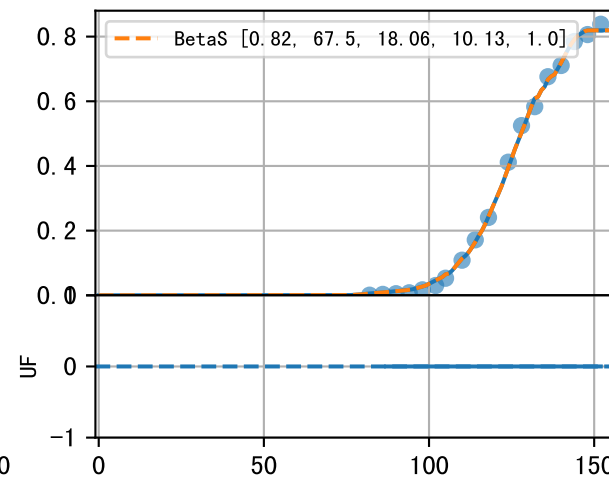
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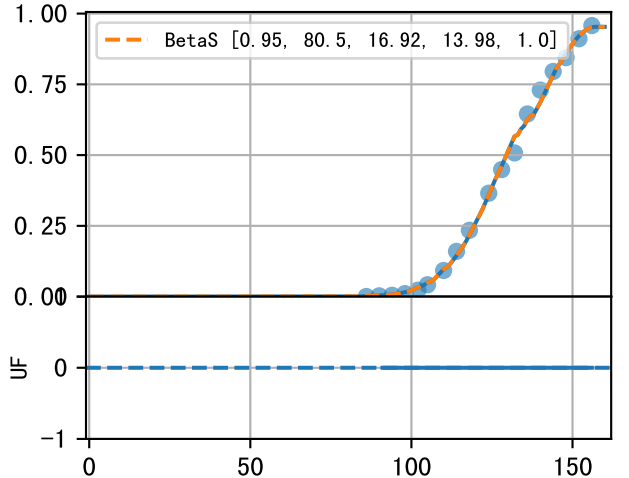
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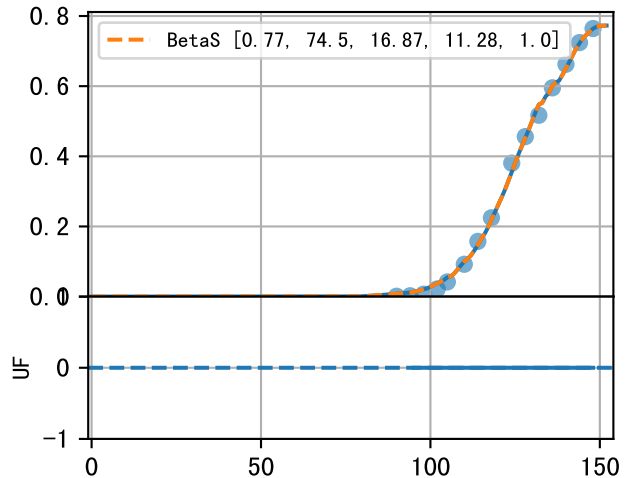
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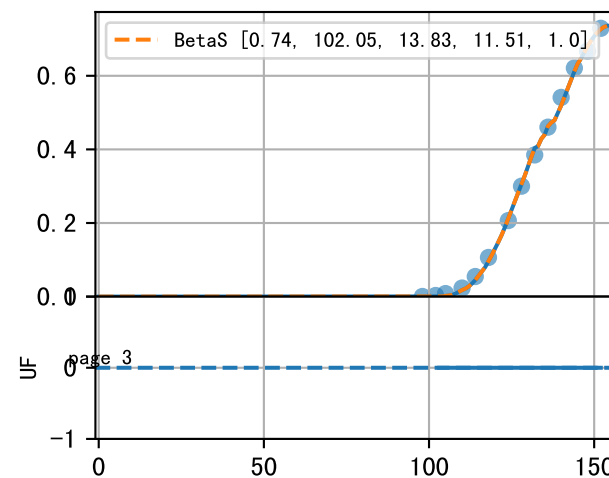
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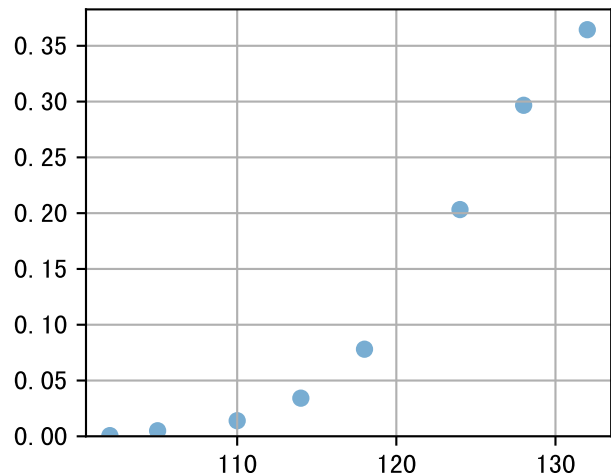
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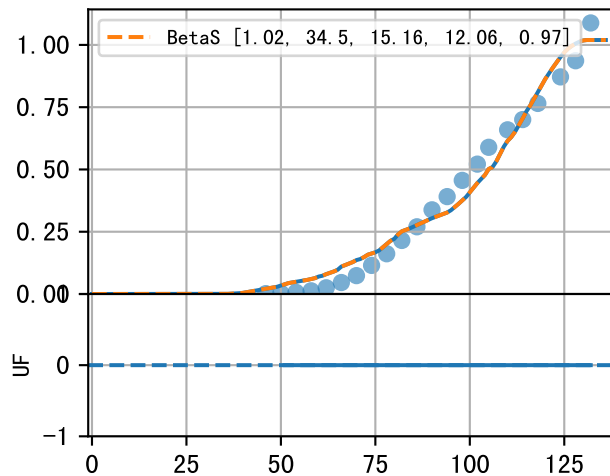
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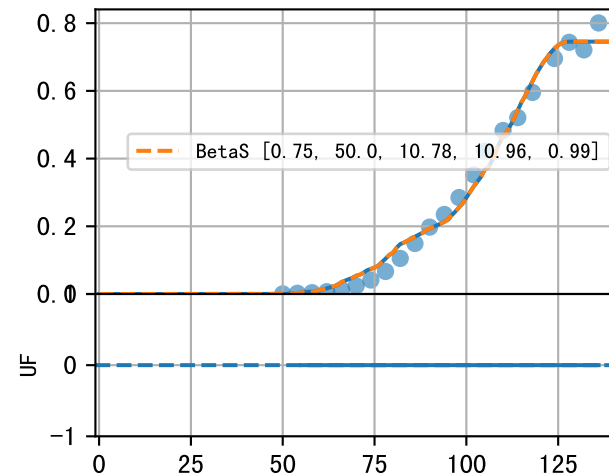
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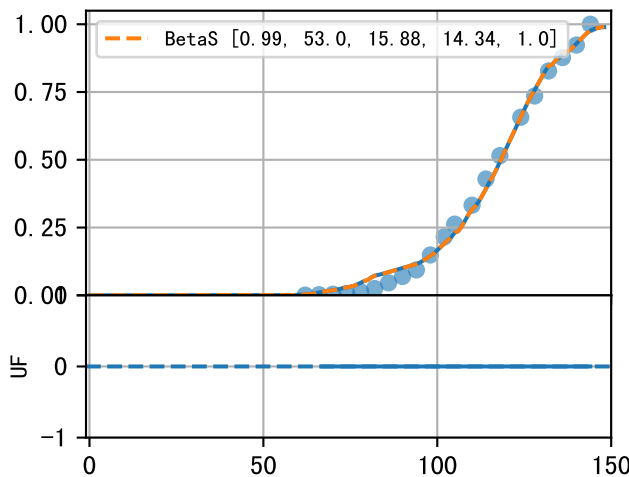
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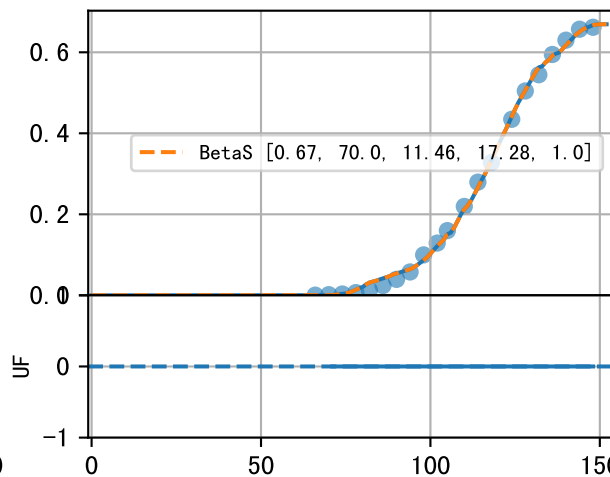
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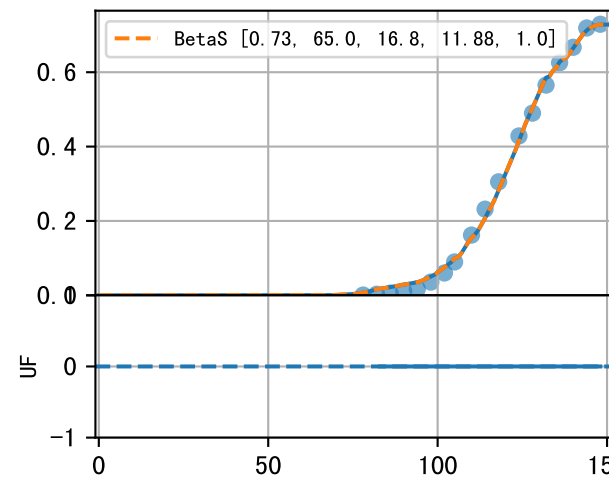
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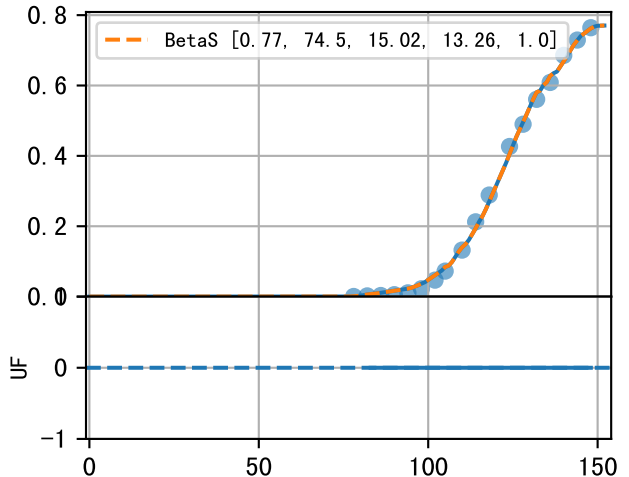
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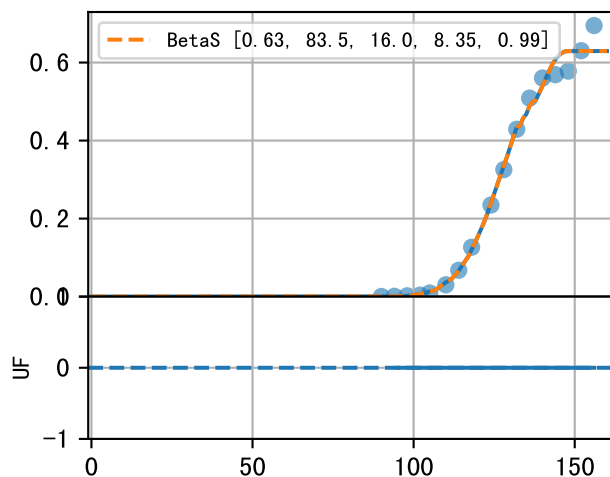
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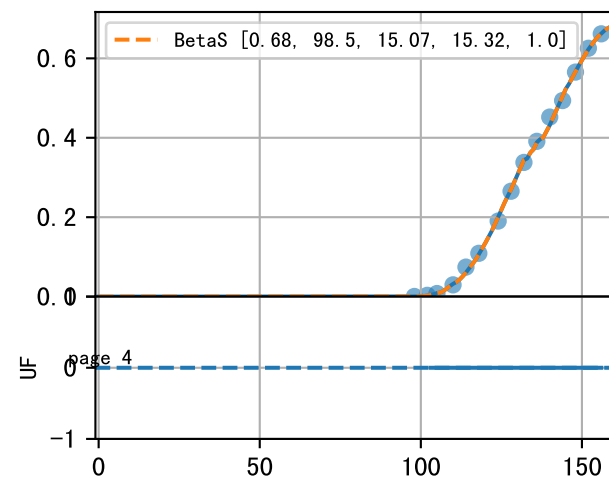
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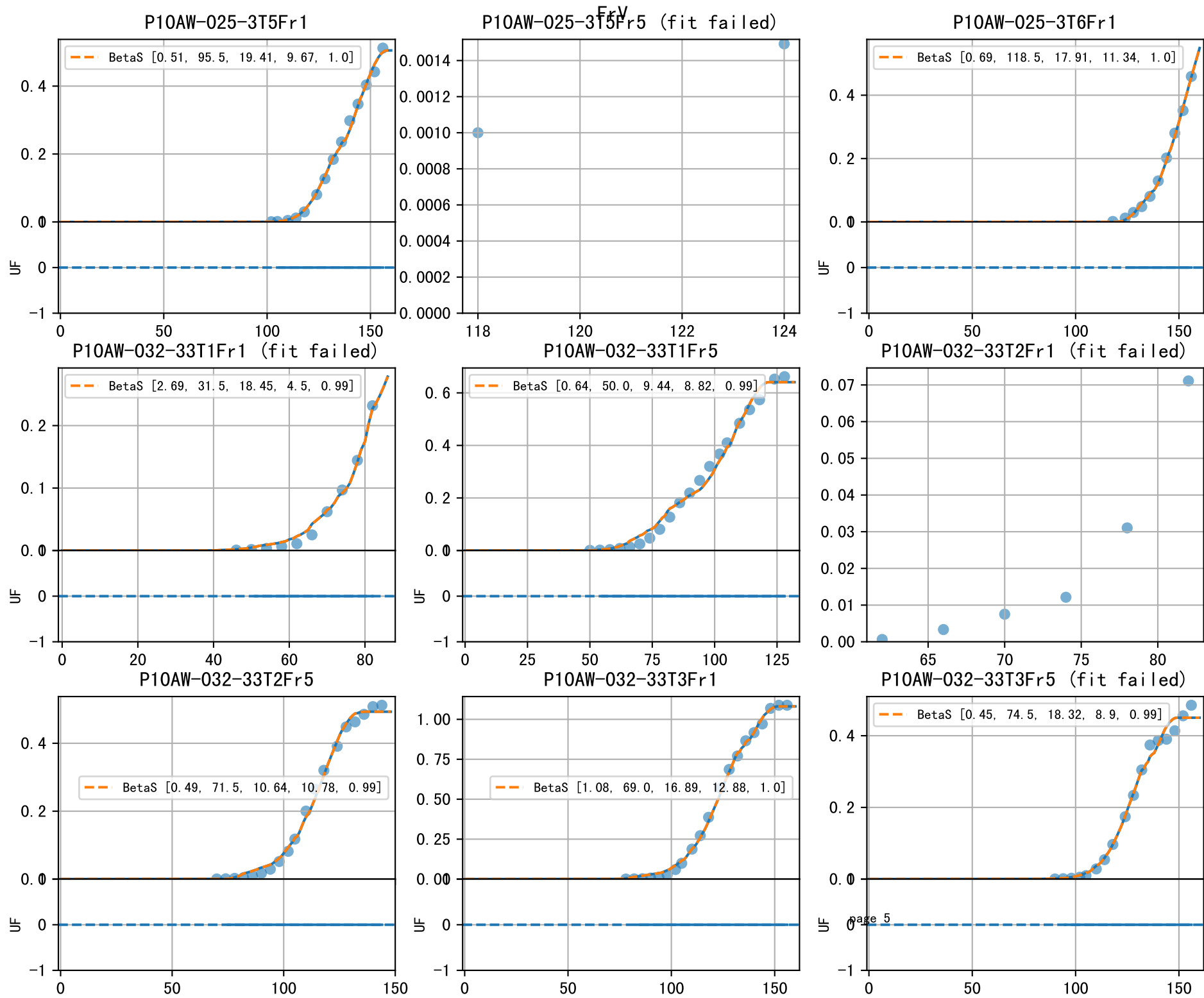


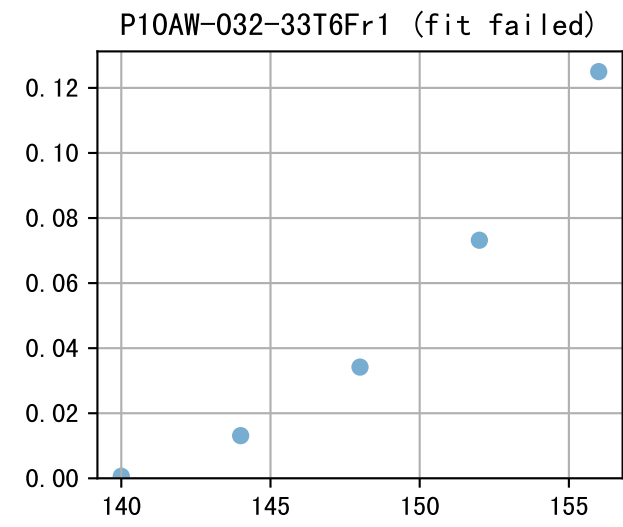
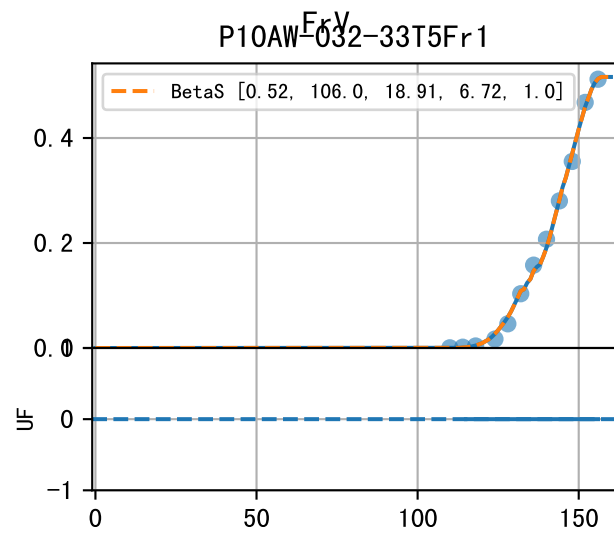
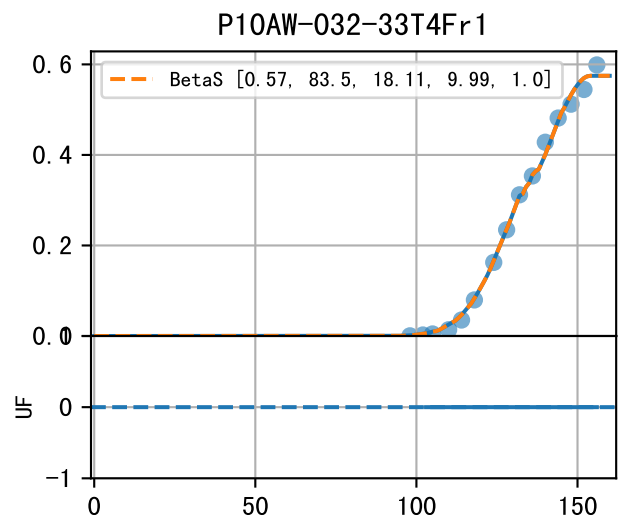
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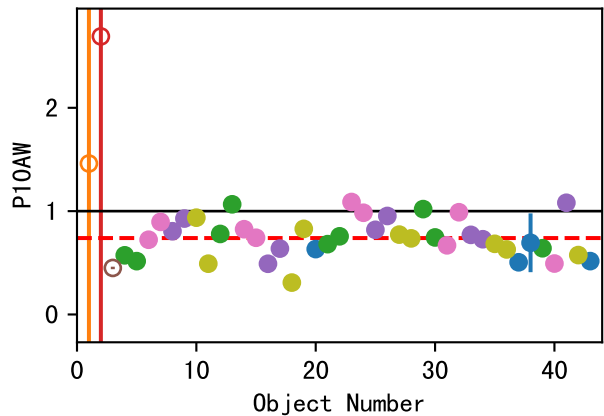
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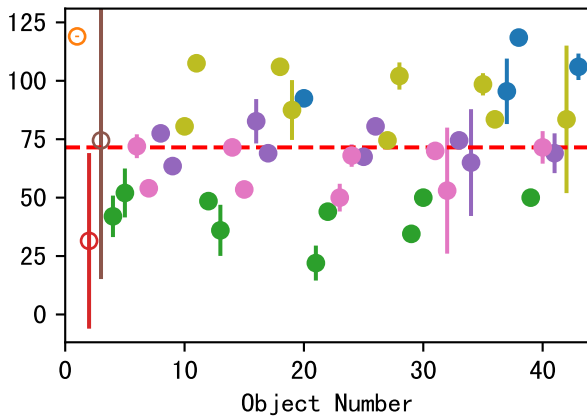




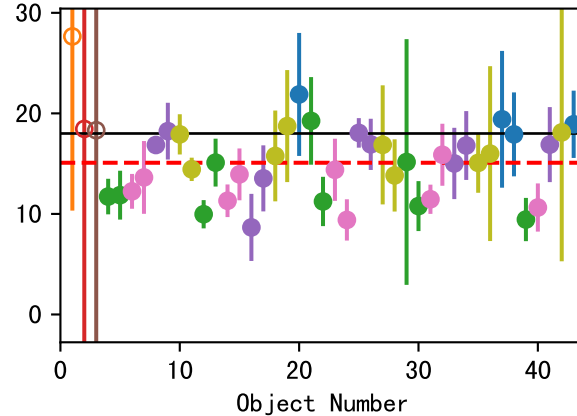
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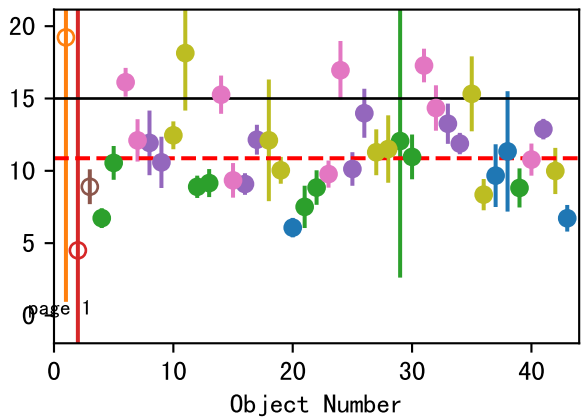
tb (Def=na Set=na)
avg1=10.87~52% avg2=na



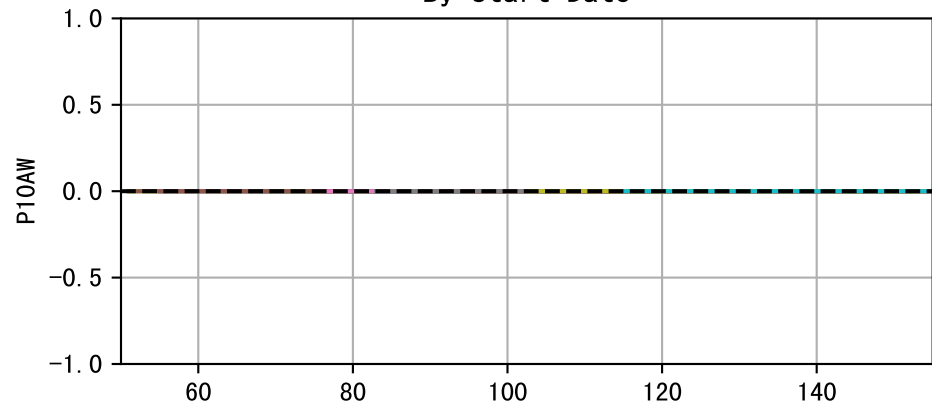
dm (Def=18 Set=15.09)
avg1=15.09~22% avg2=na



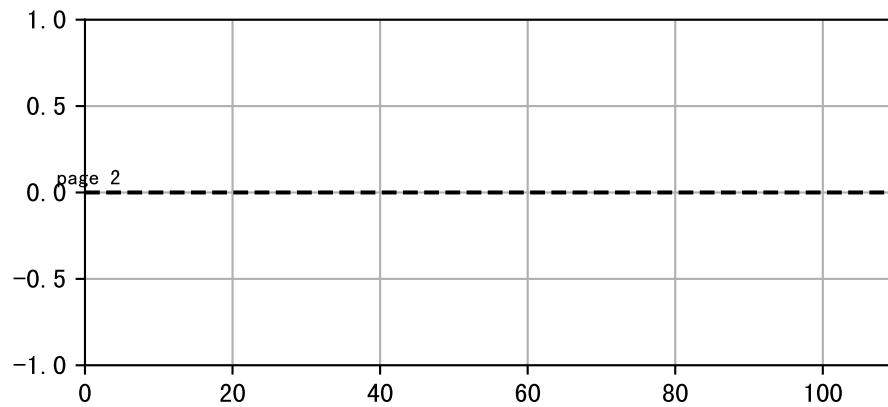
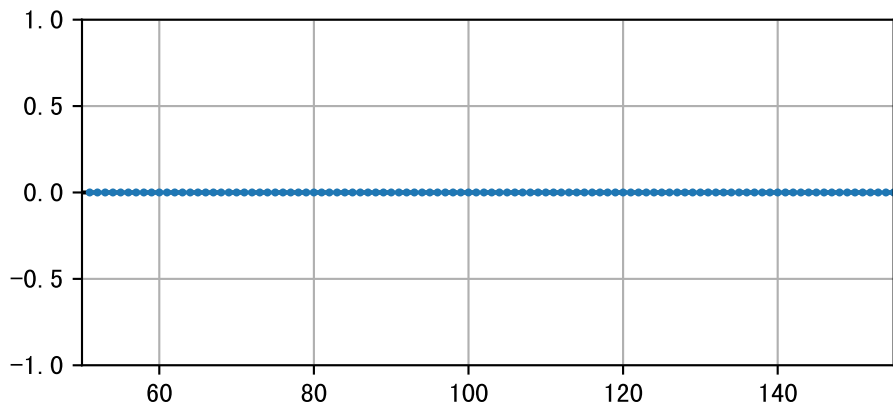
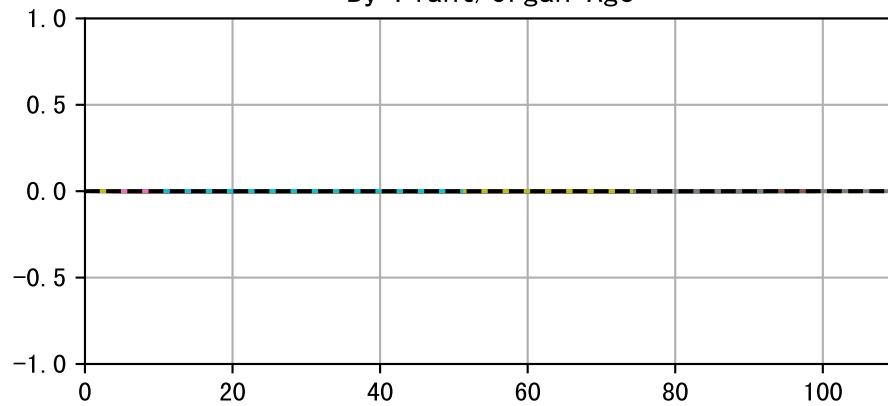
de (Def=15 Set=10.87)
avg1=10.87~25% avg2=na

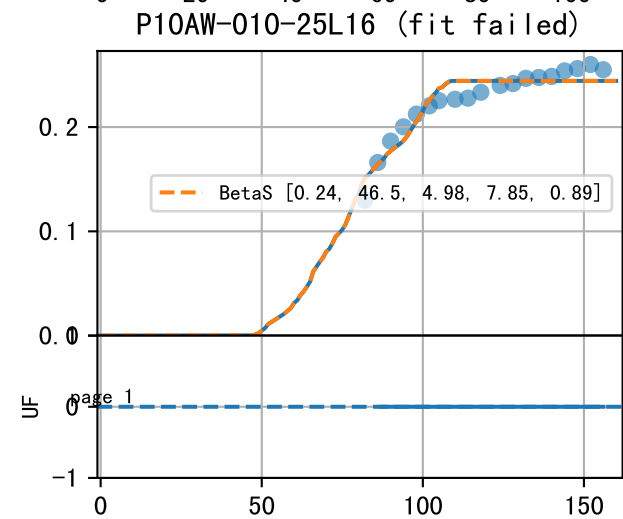
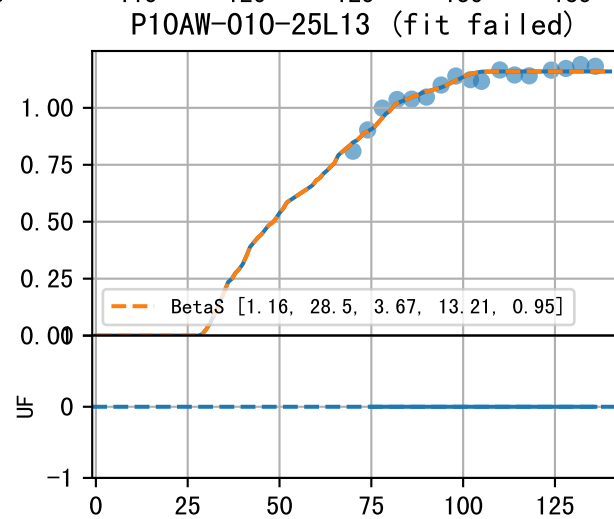
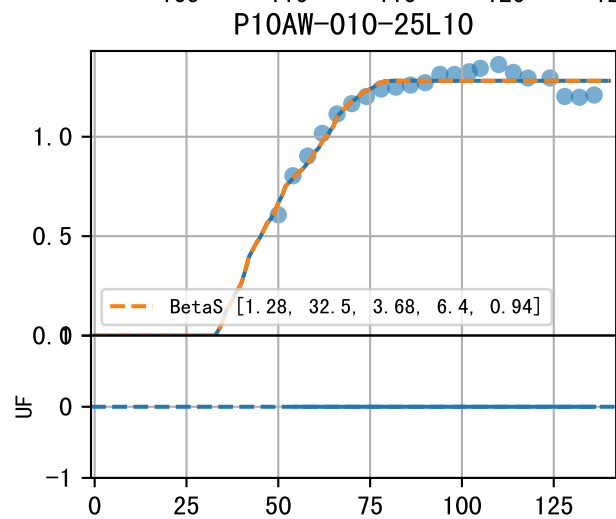
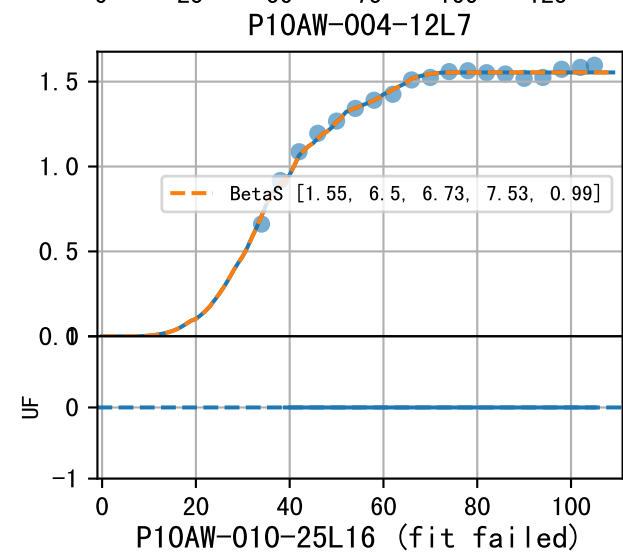
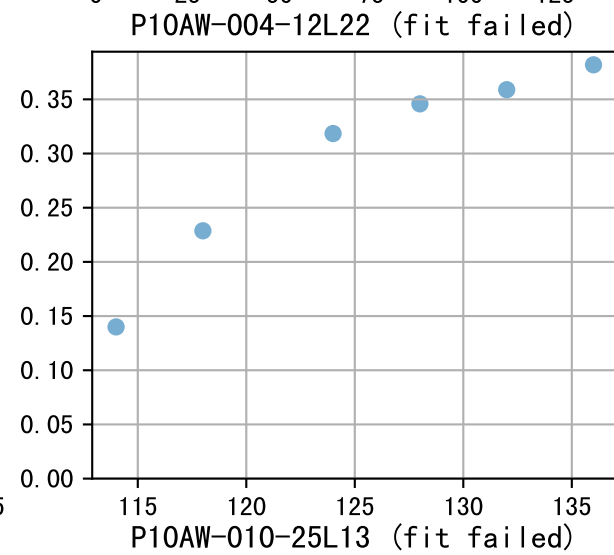
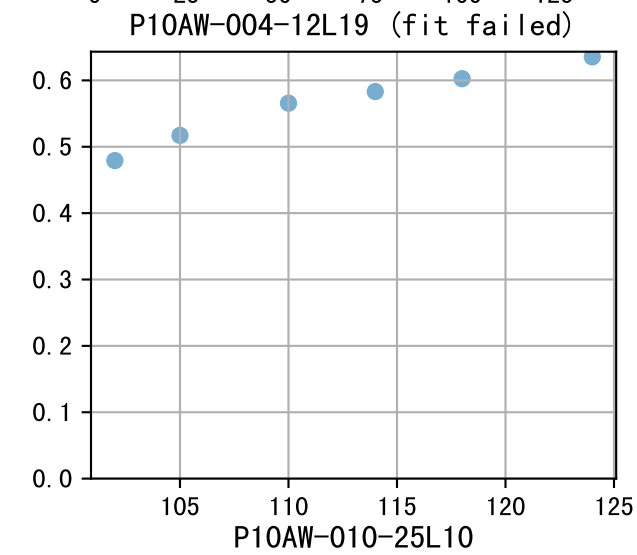
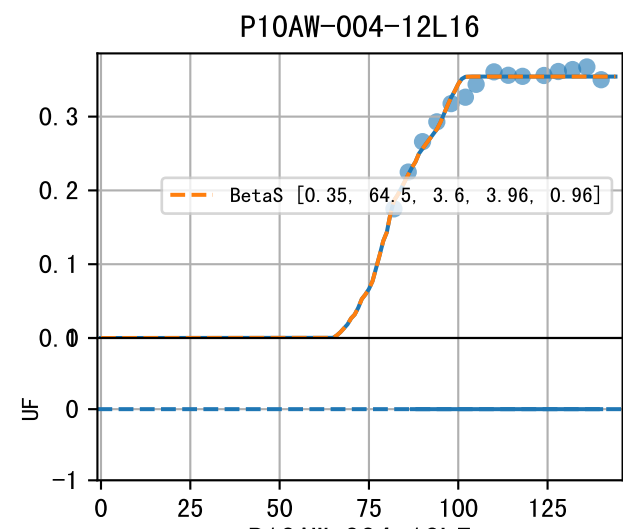
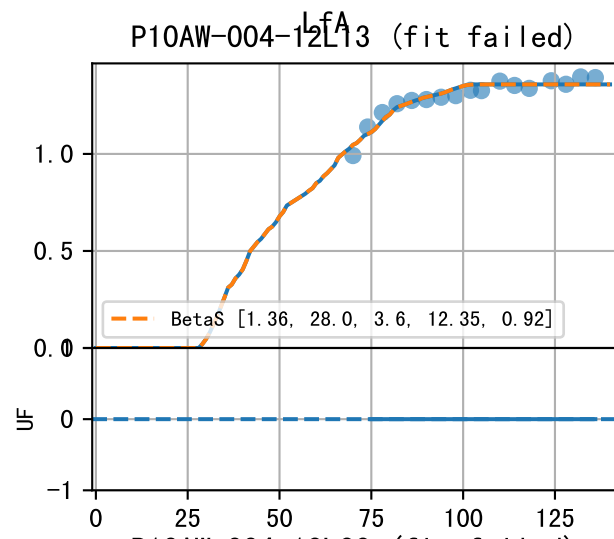
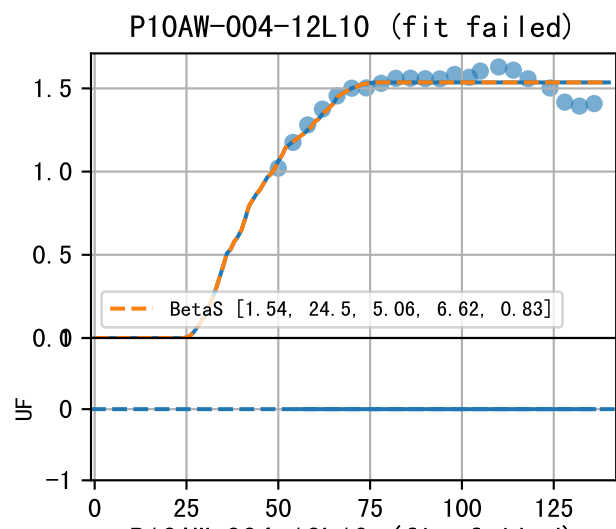


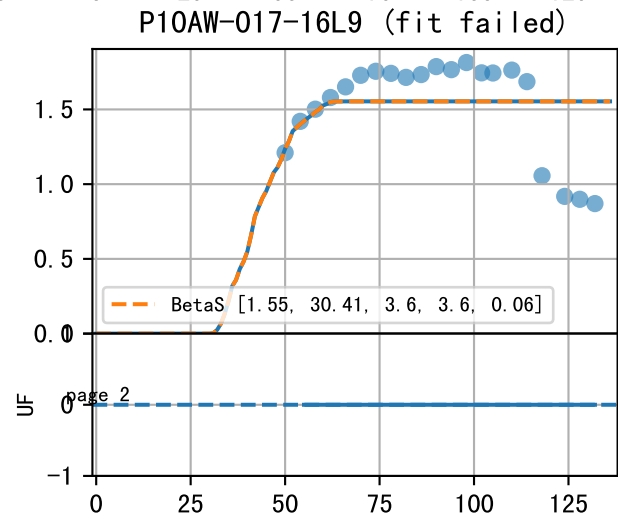
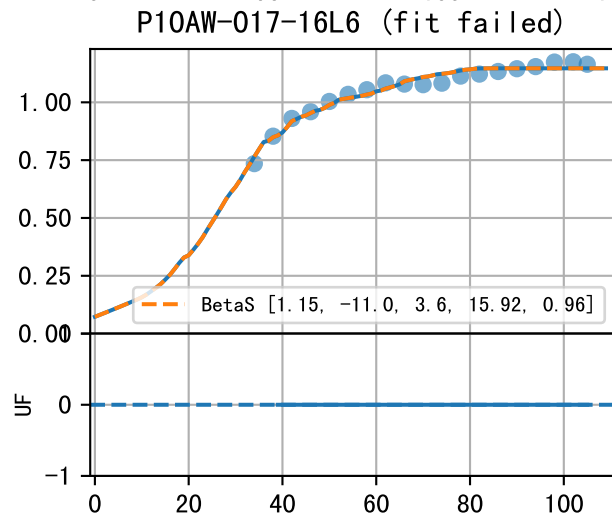
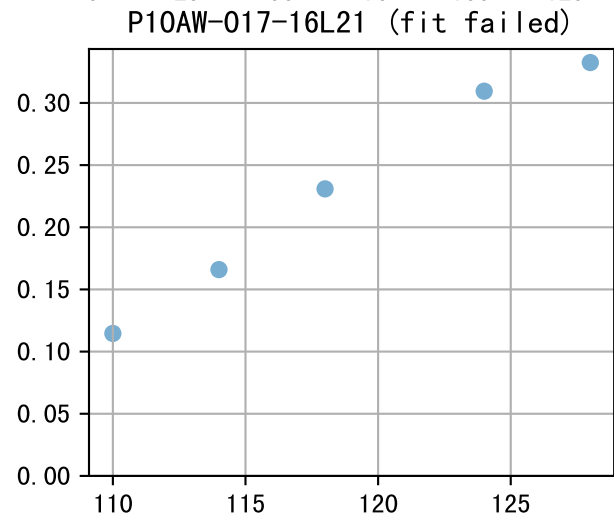
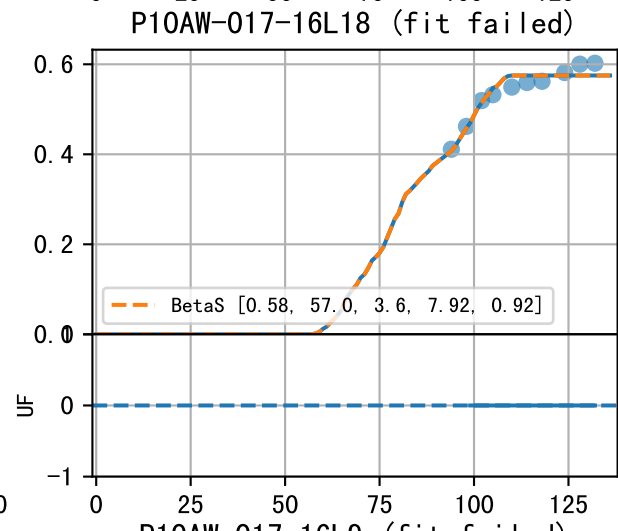
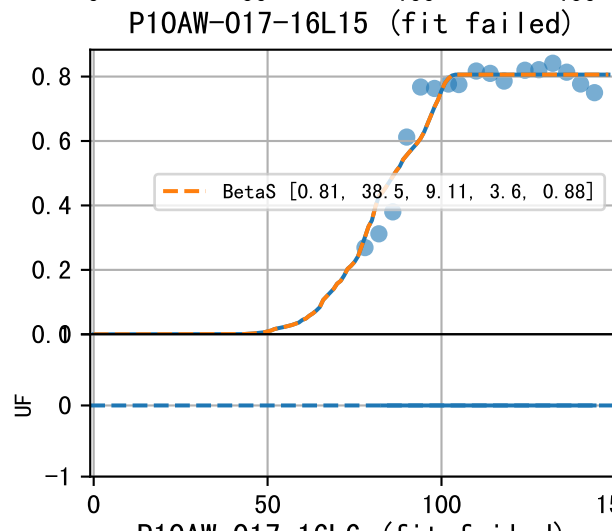
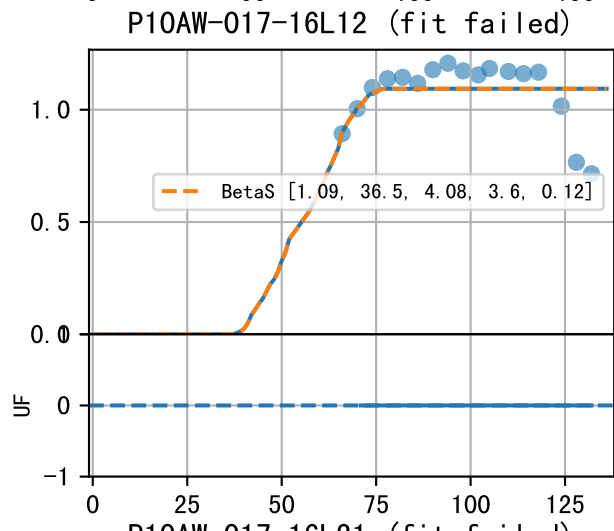
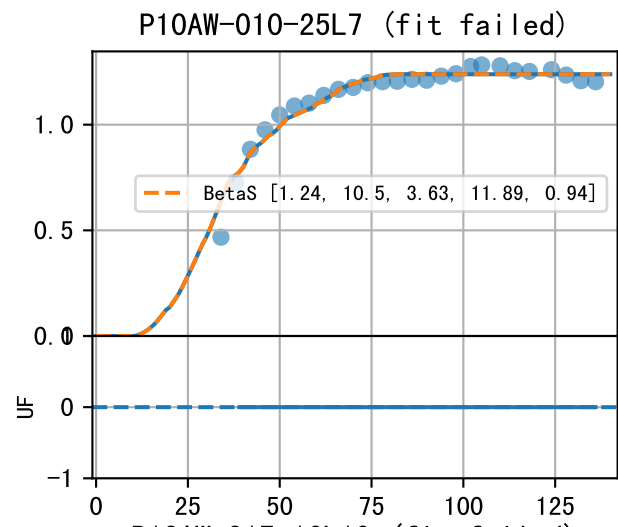
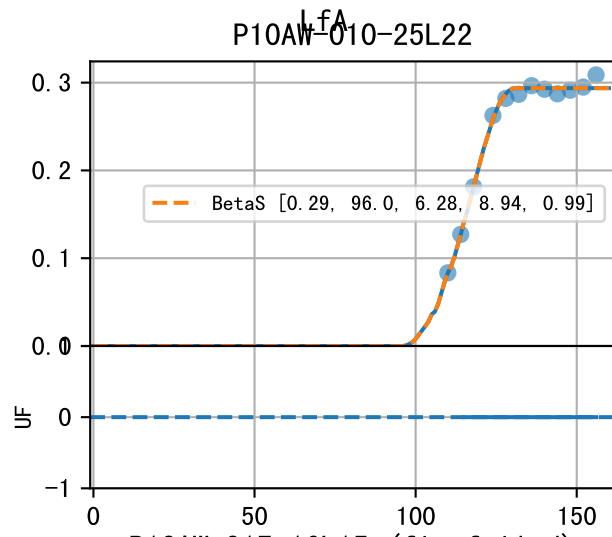
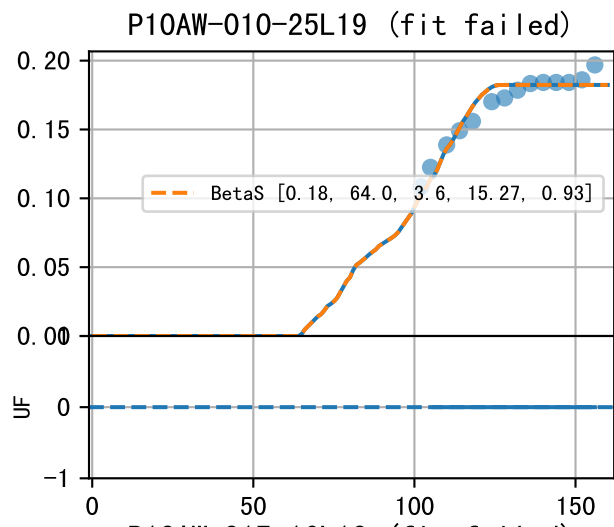
By Start Date

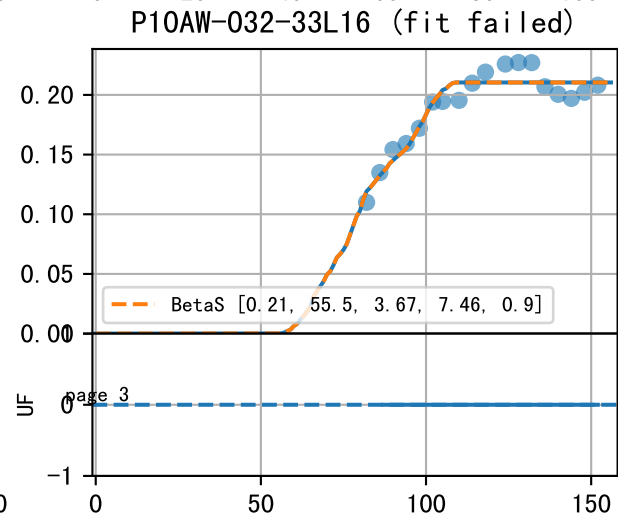
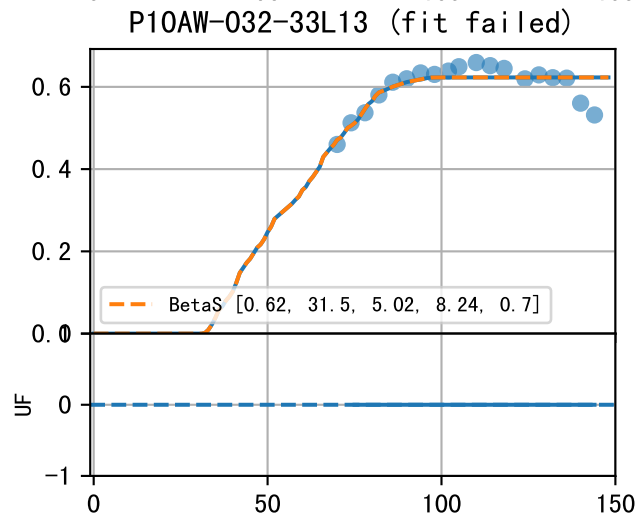
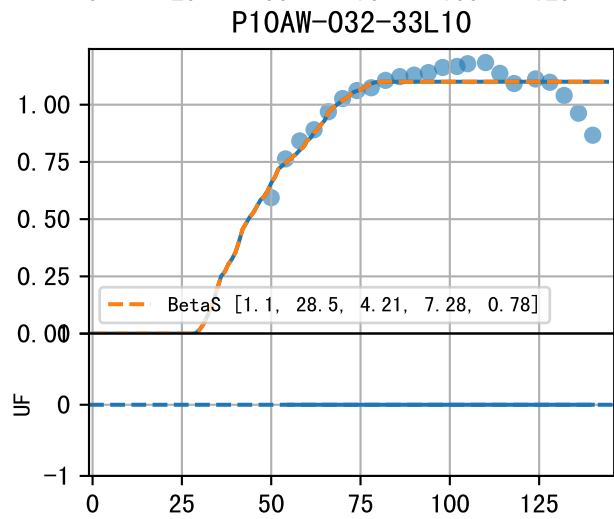
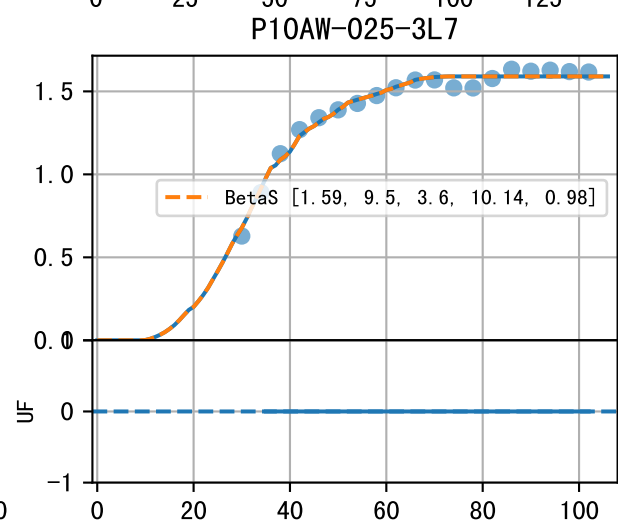
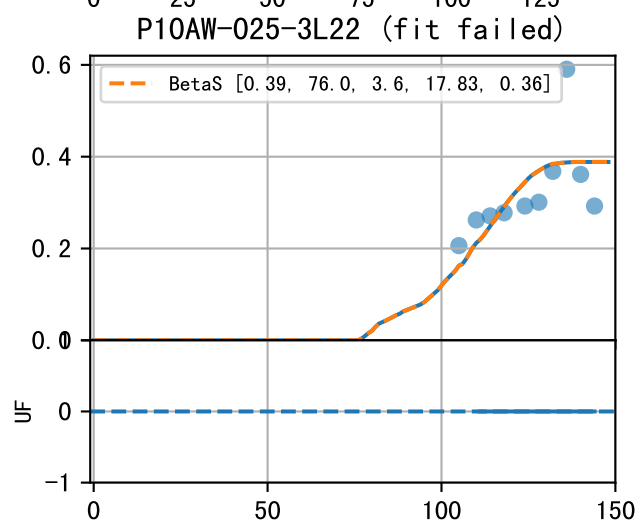
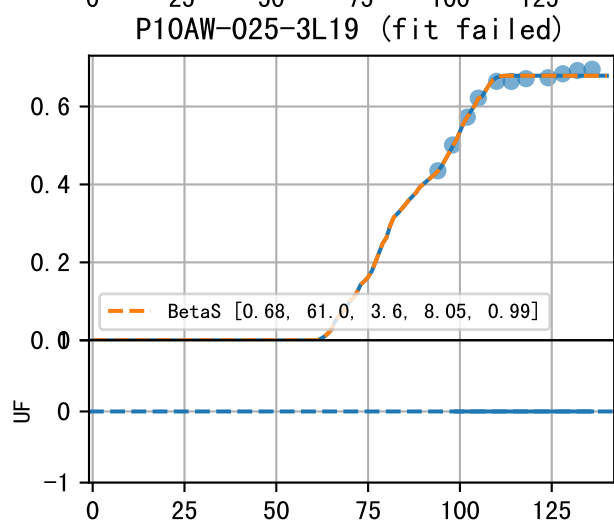
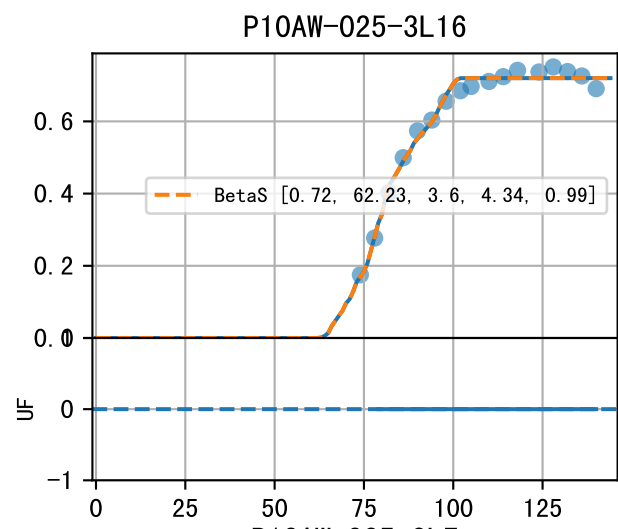
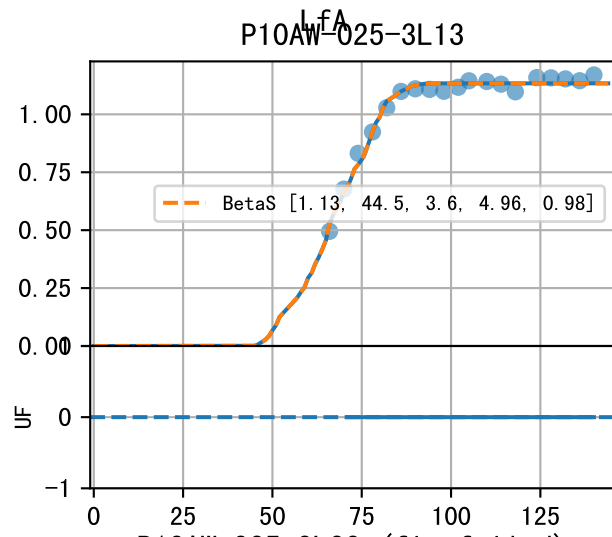
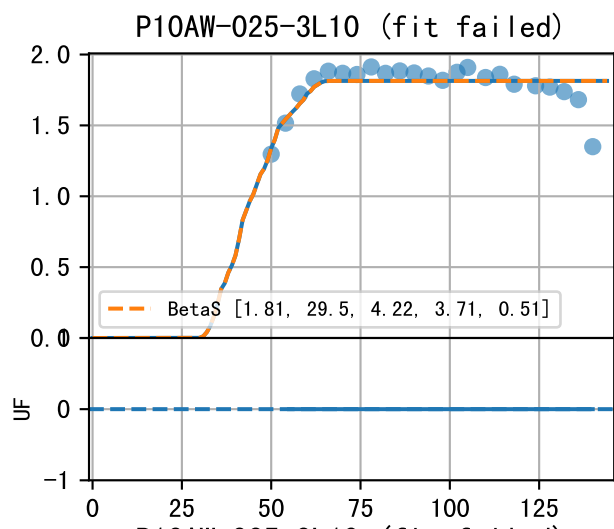


By Plant/Organ Age

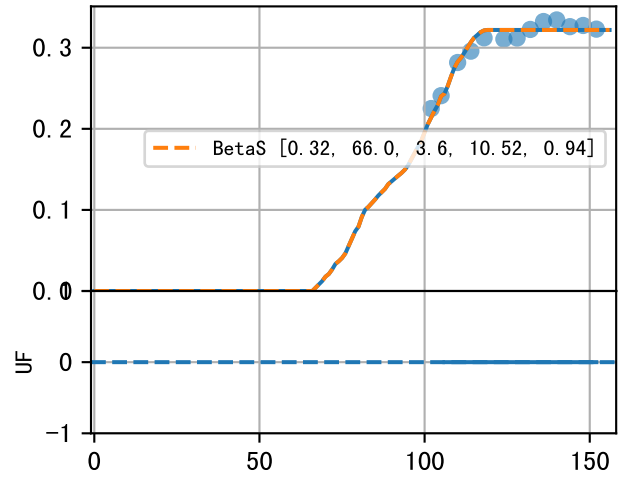




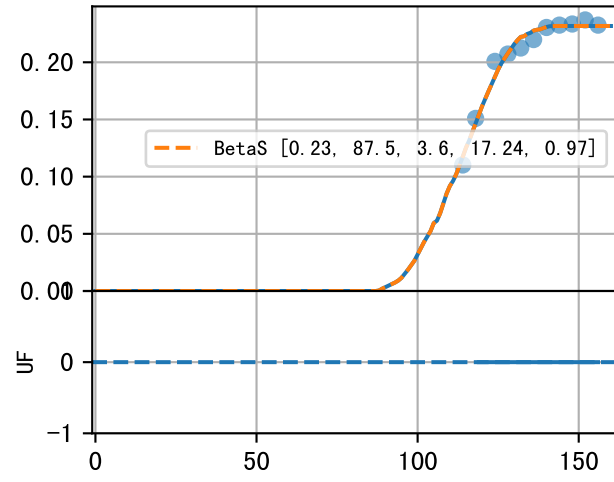




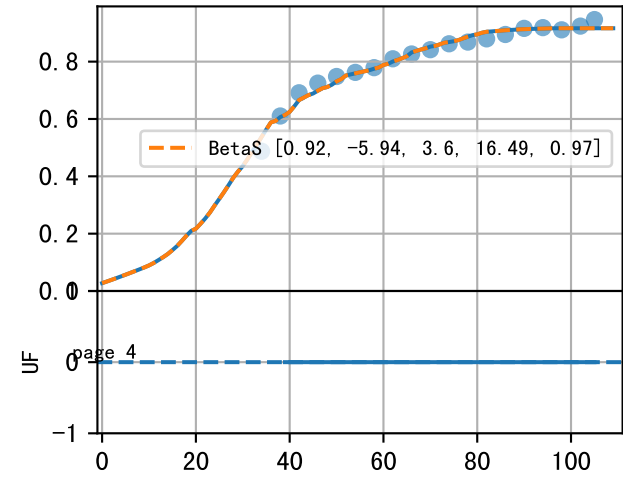
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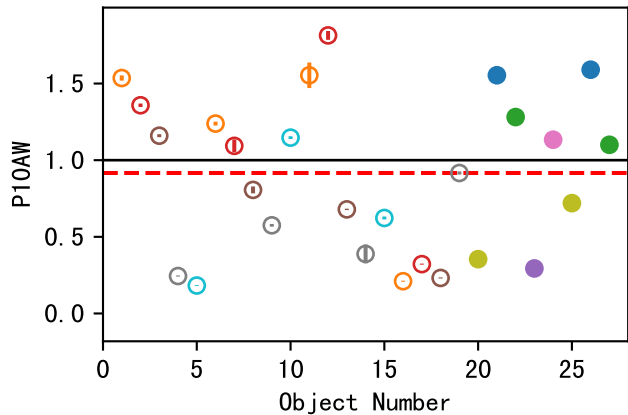
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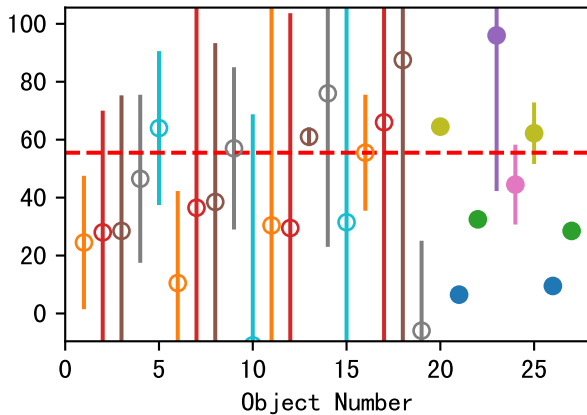
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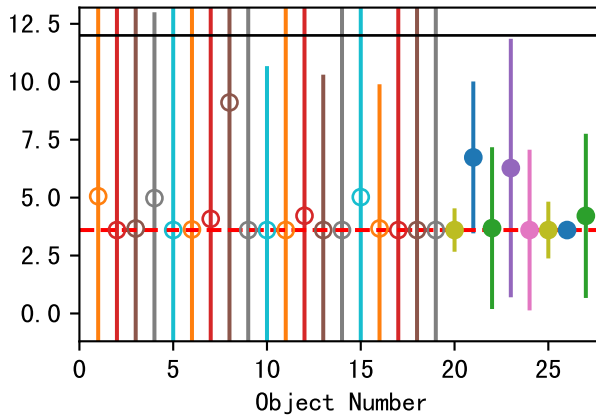
ymax (Def=1 Set=0.92)
avg1=0.92~55% avg2=na



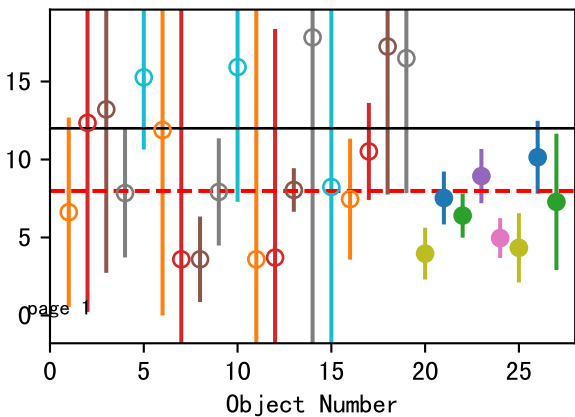
tb (Def=na Set=na)
avg1=15.5~44% avg2=na



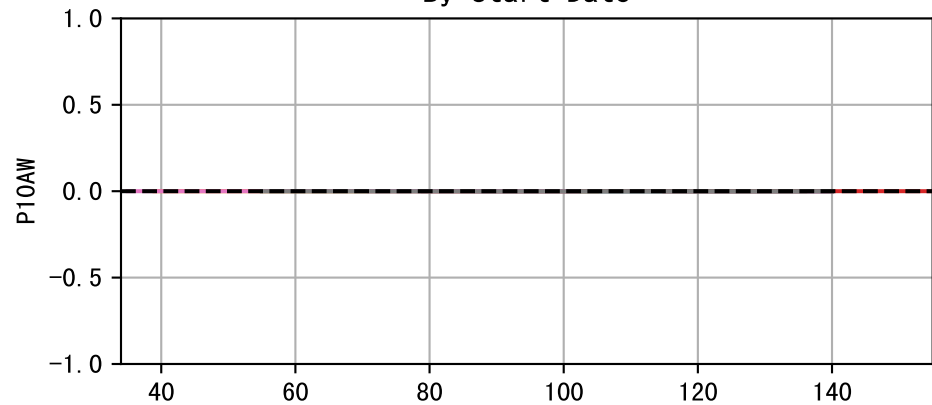
dm (Def=12 Set=3.6)
avg1=3.6~28% avg2=na



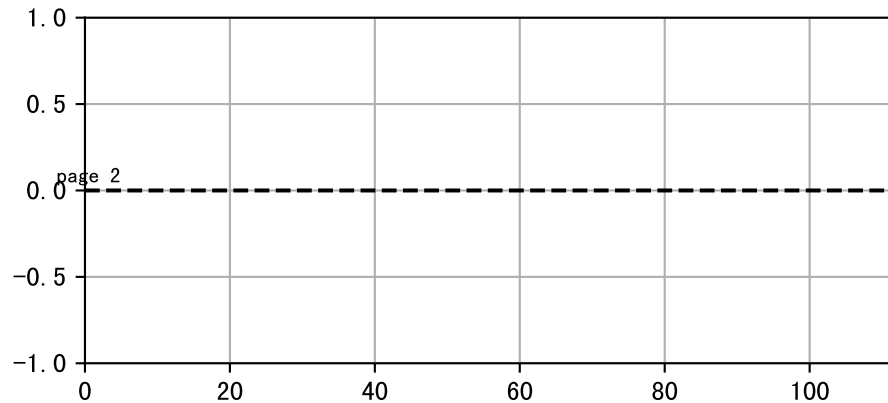
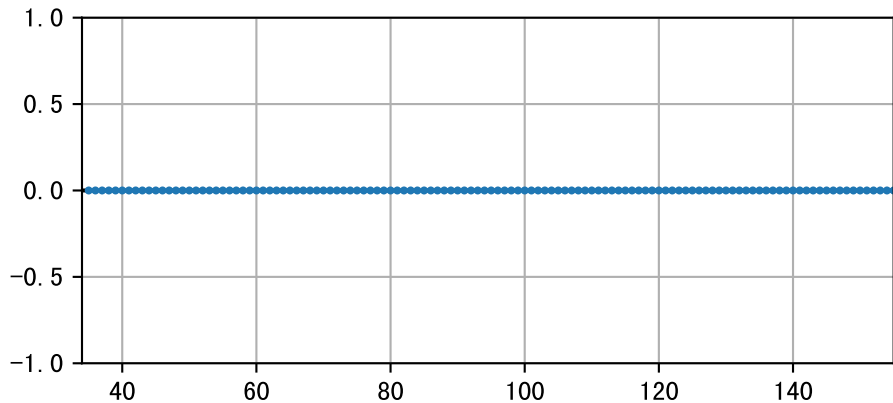
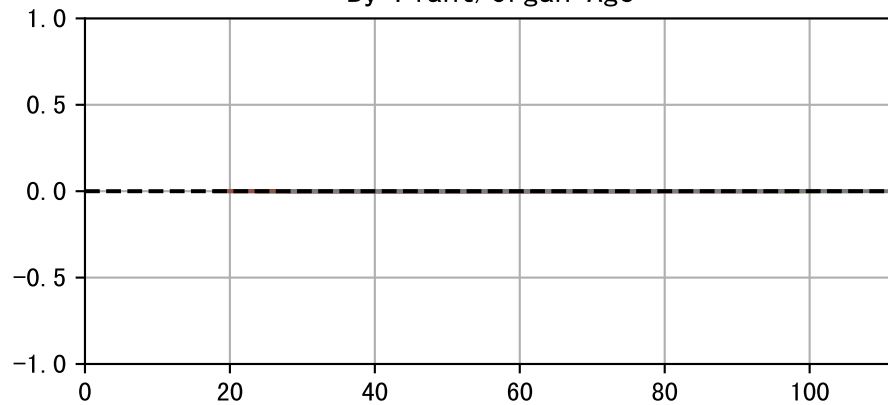
de (Def=12 Set=7.98)
avg1=7.98~52% avg2=na



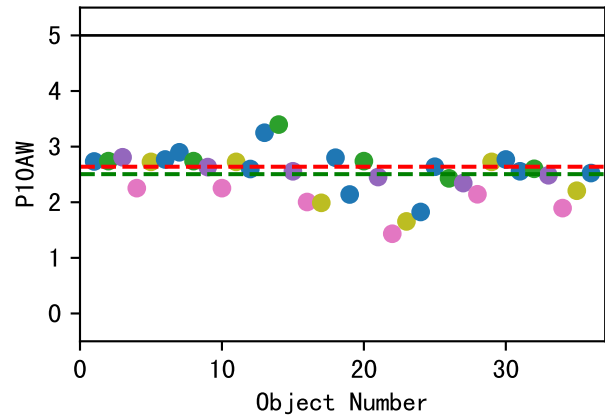
By Start Date



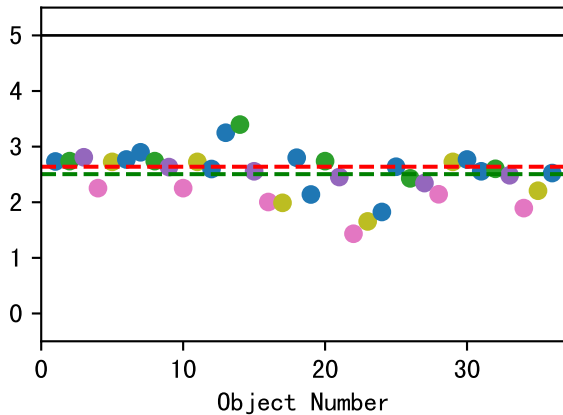
By Plant/Organ Age



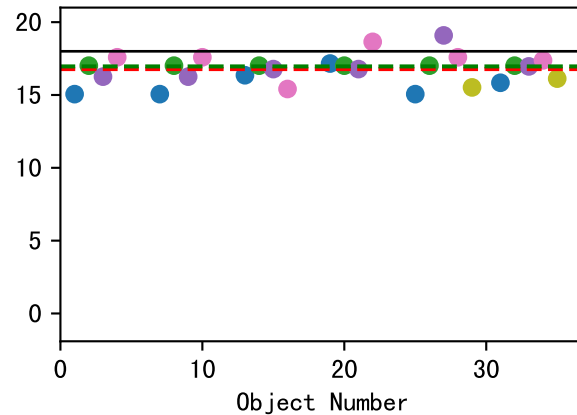
FrV_dm (Def=5 Set=2.64)
avg1=2.64~15% avg2=2.51~11%



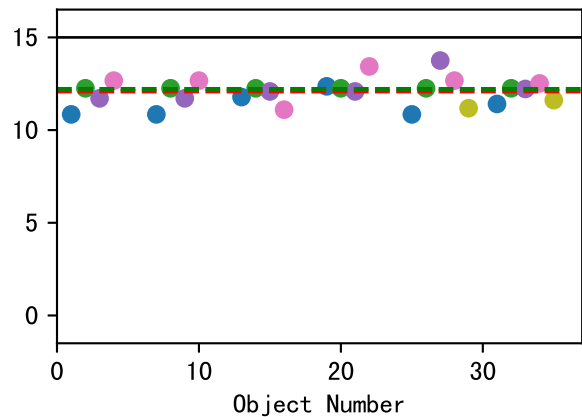
FrV_de (Def=5 Set=2.64)
avg1=2.64~15% avg2=2.51~11%



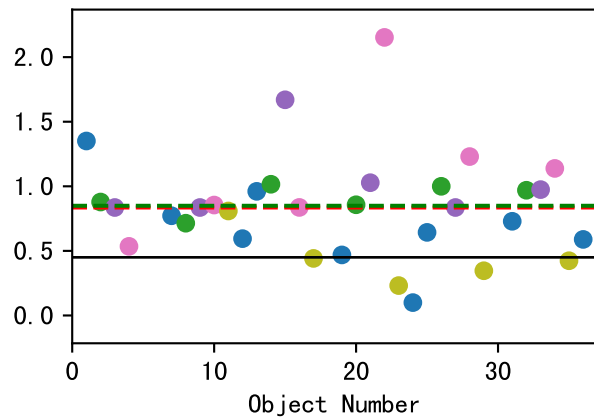
FrV_dm (Def=18 Set=16.78)
avg1=16.78~5% avg2=16.96~4%



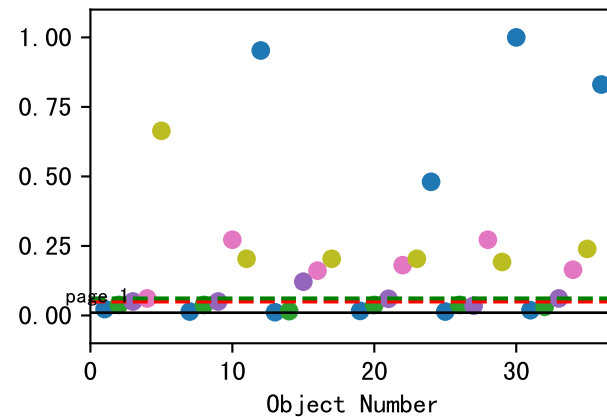
FrV_de (Def=15 Set=12.09)
avg1=12.09~5% avg2=12.22~4%

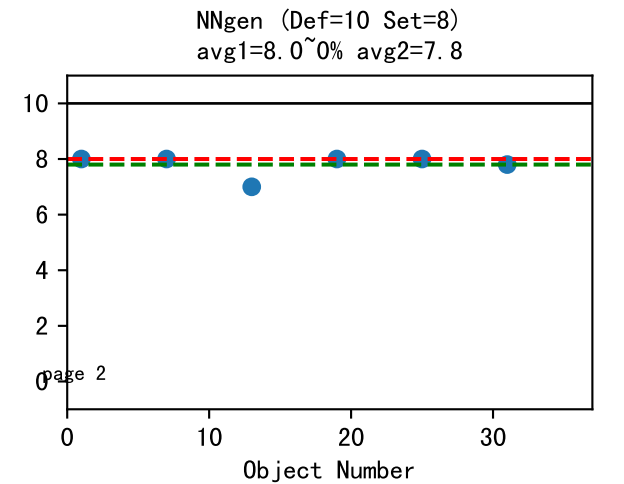
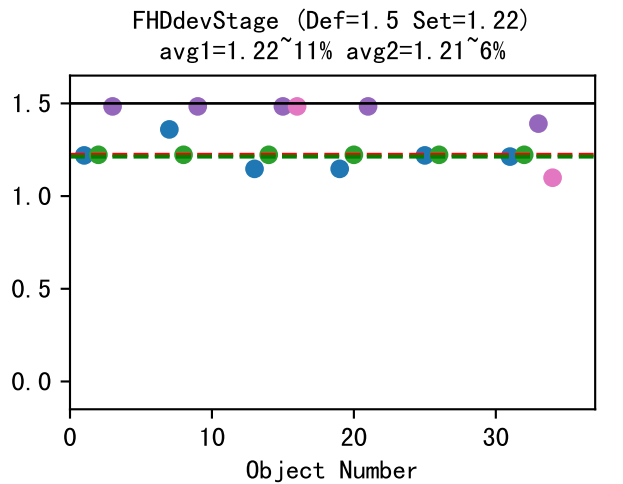
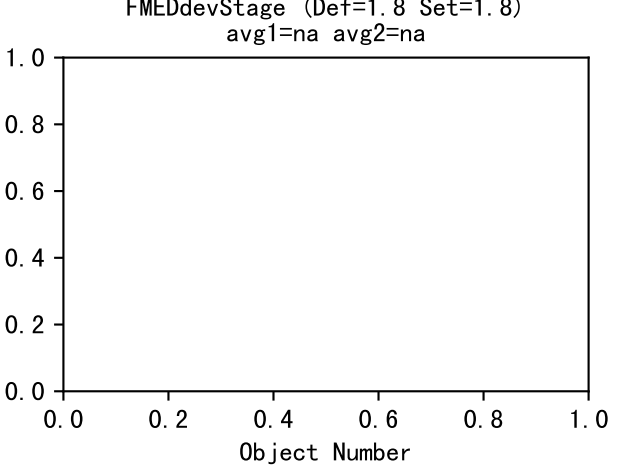
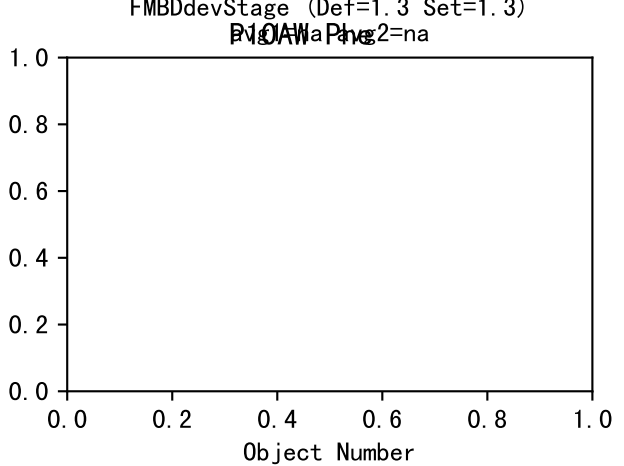
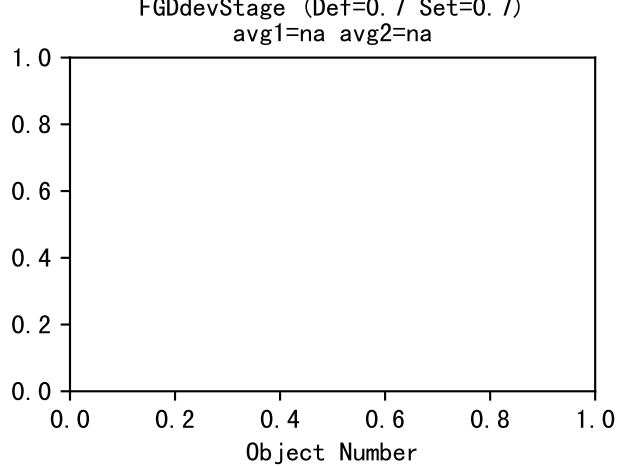


FrN_a (Def=0.45 Set=0.84)
avg1=0.84~36% avg2=0.85~32%



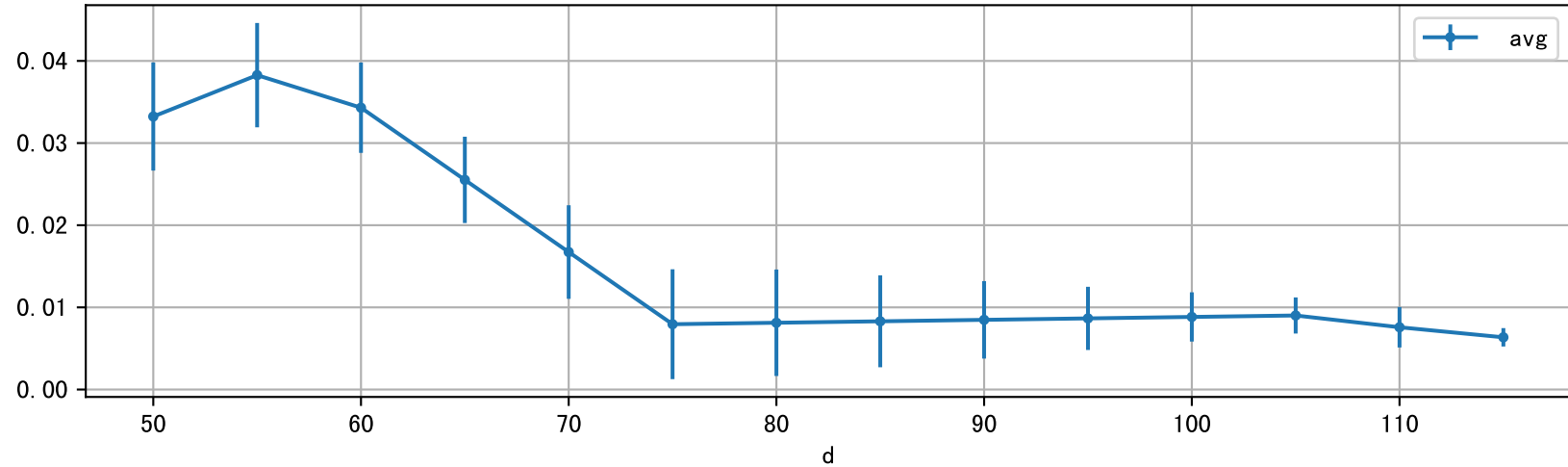
FSDdevStage (Def=0.01 Set=0.01)
avg1=0.05~177% avg2=0.06~156%



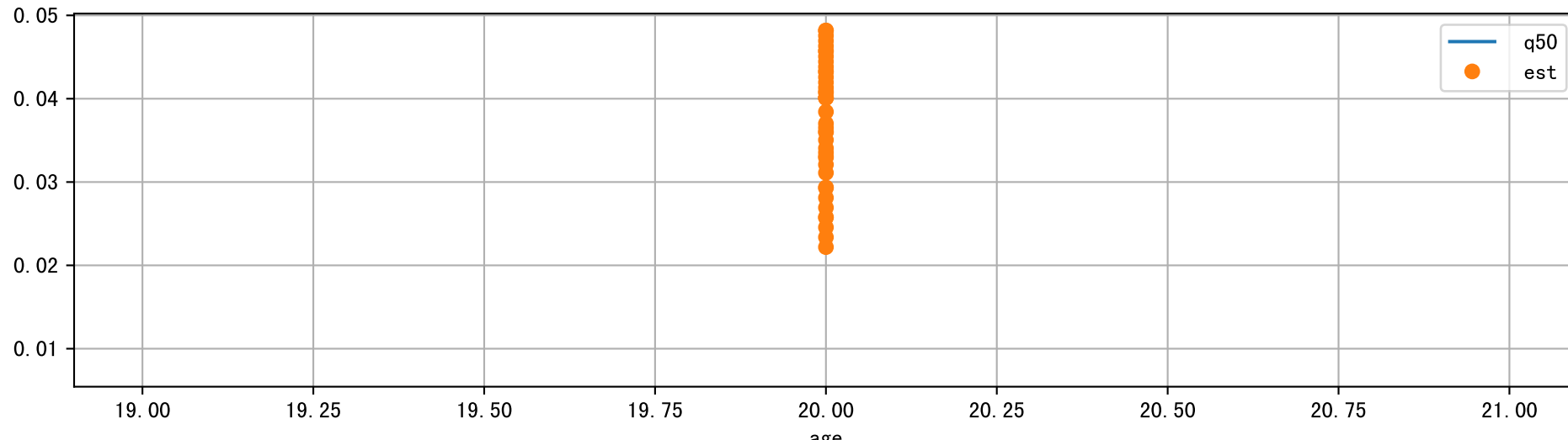


LfA: avg vs. d at each age group

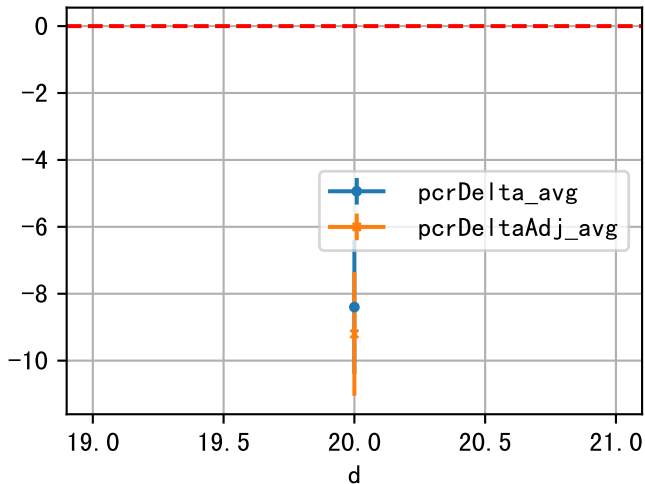
age=20



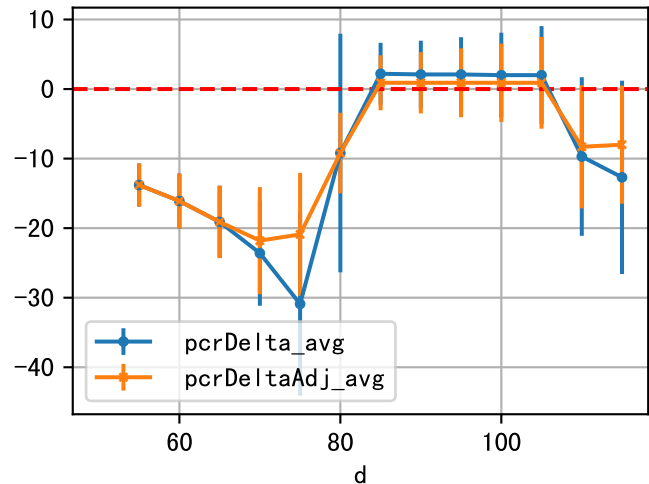
LfA: model est vs obs0v@Q50



DeltaTypeAbbr=GrpByAge

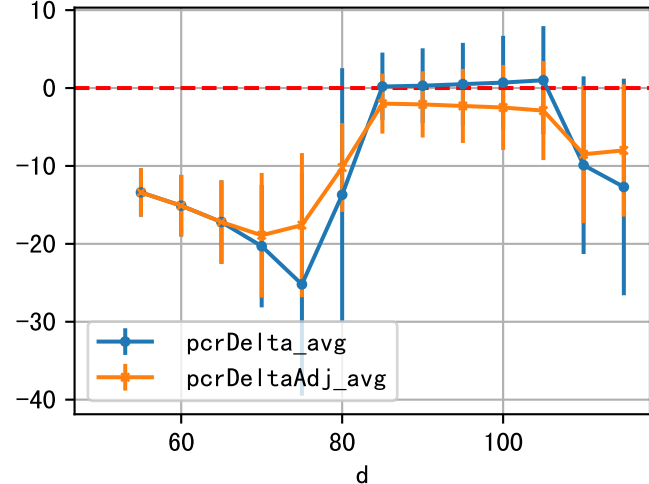


DeltaTypeAbbr=GrpByDay

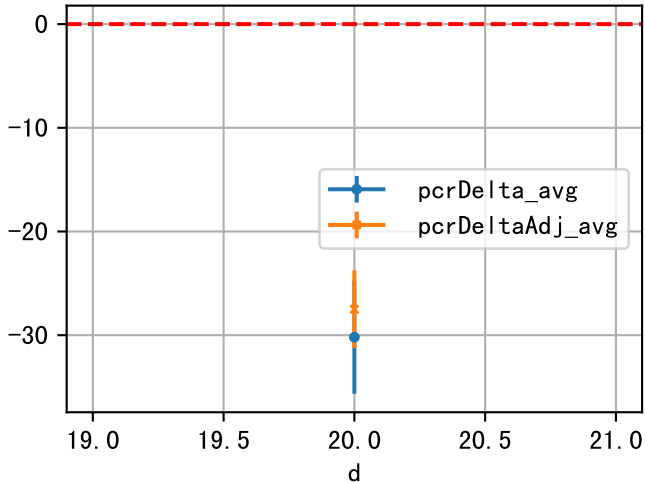


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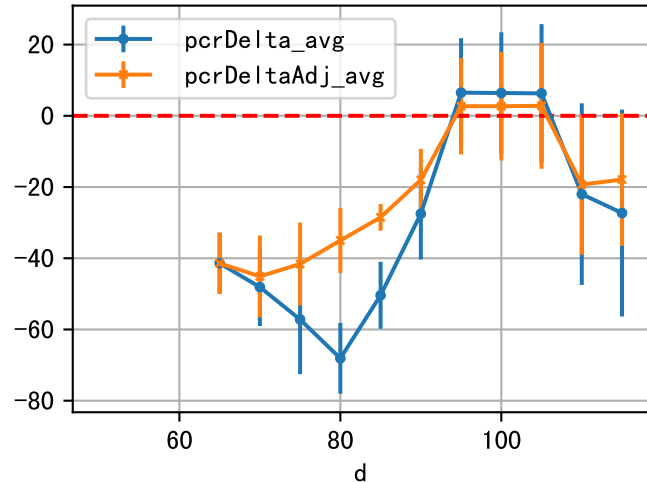
DeltaTypeAbbr=Wei AvgByD



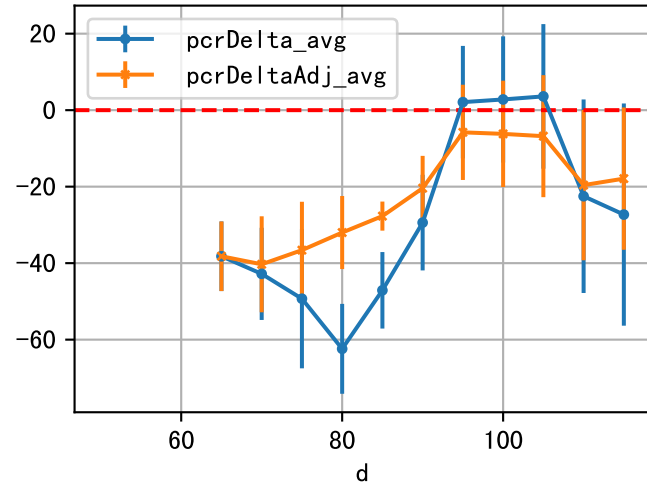
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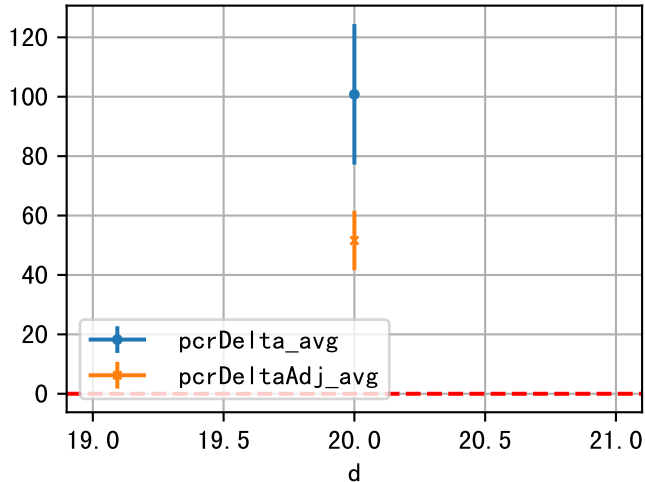
DeltaTypeAbbr=GrpByDay



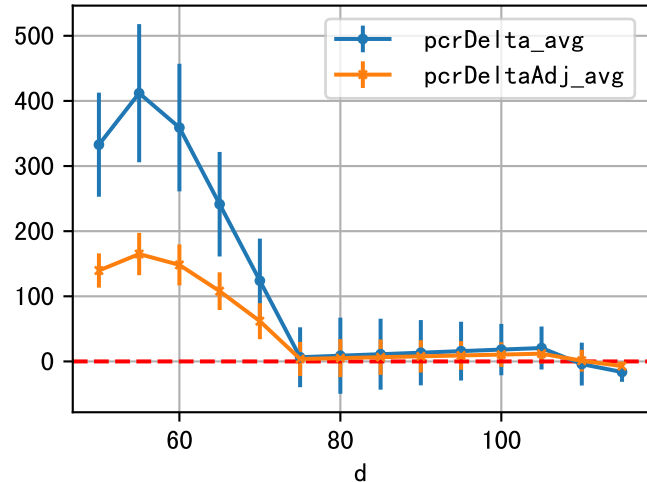
DeltaTypeAbbr=Wei AvgByD



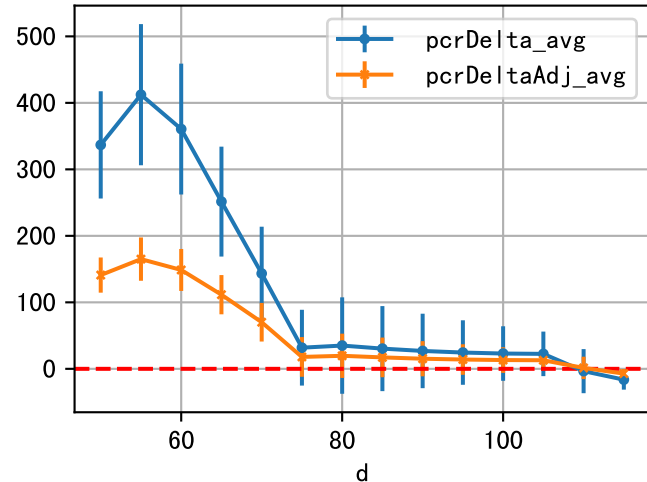
DeltaTypeAbbr=GrpByAge



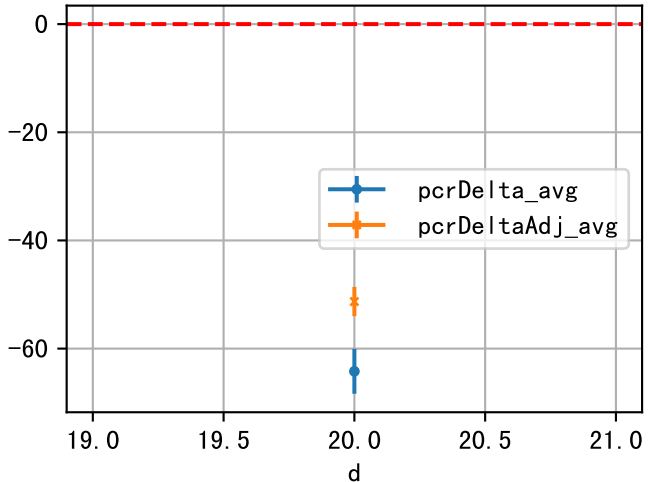
DeltaTypeAbbr=GrpByDay



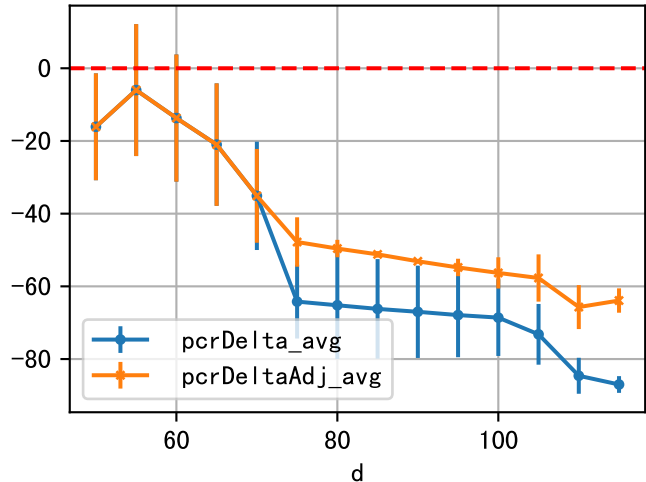
DeltaTypeAbbr=Wei AvgByD



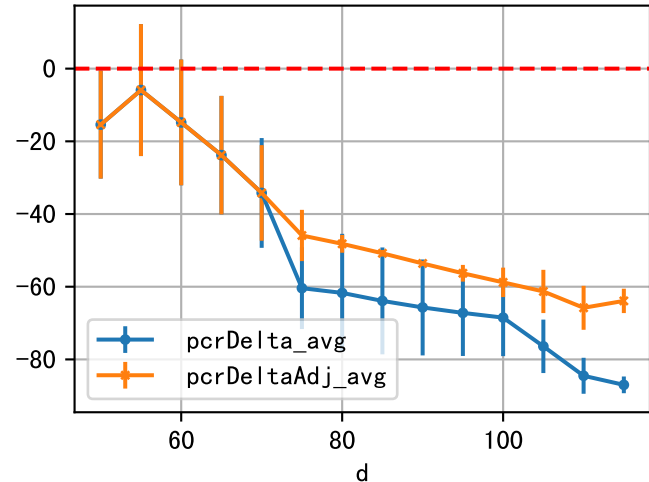
DeltaTypeAbbr=GrpByAge



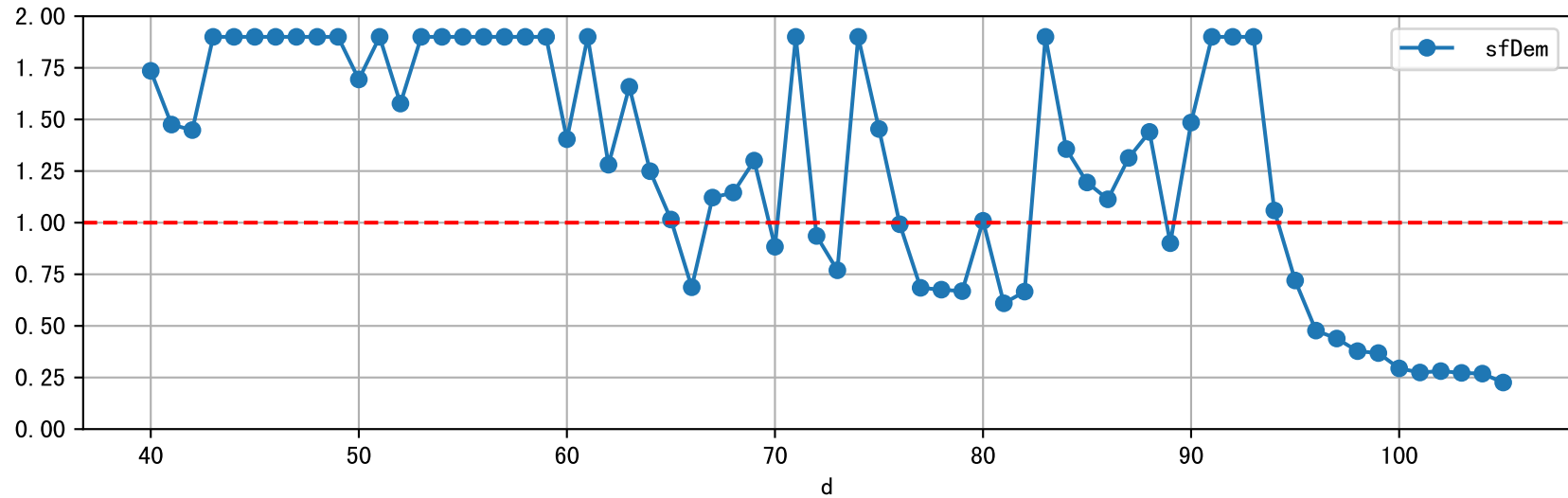
DeltaTypeAbbr=GrpByDay

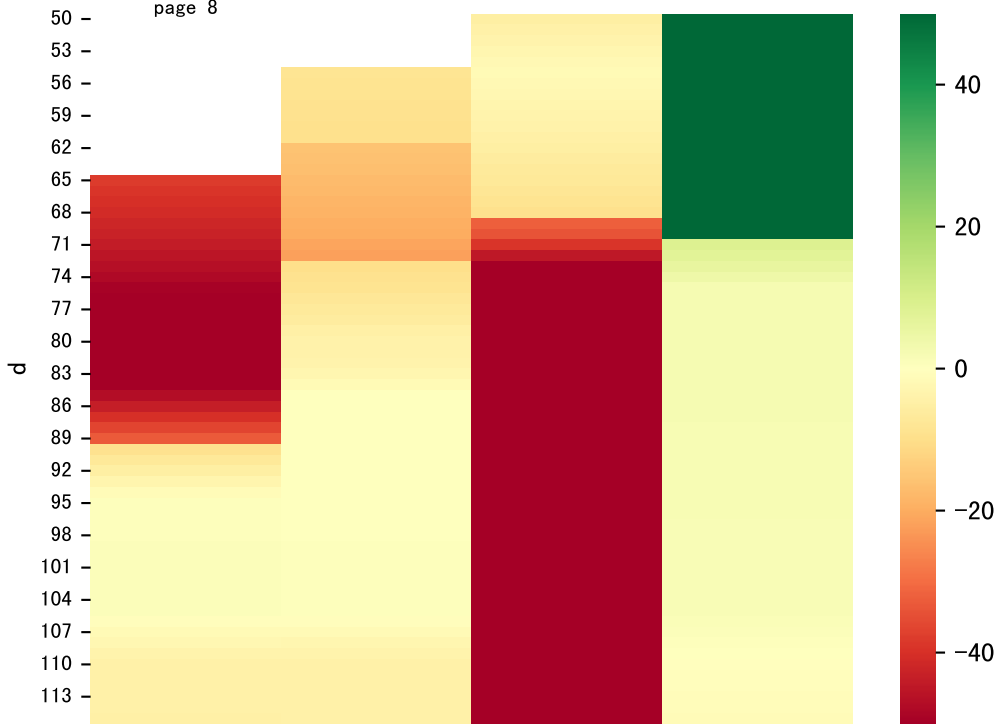


DeltaTypeAbbr=Wei AvgByD



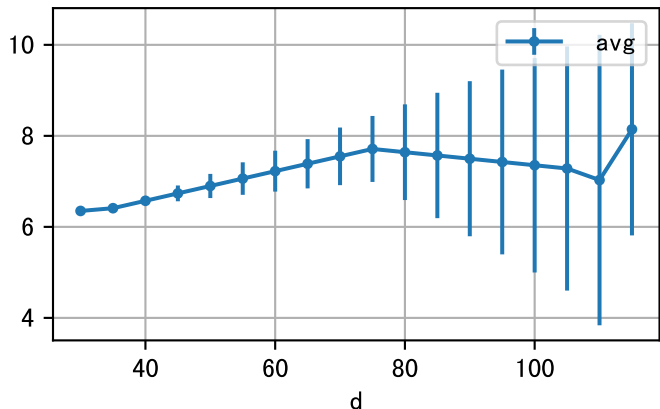
LfA: sfDem



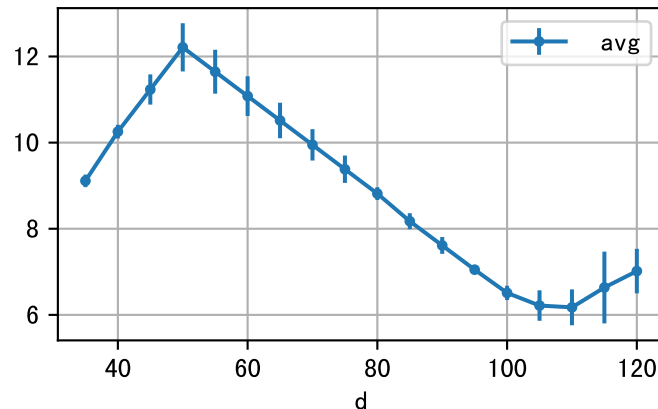


NdD: avg vs. d at each age group

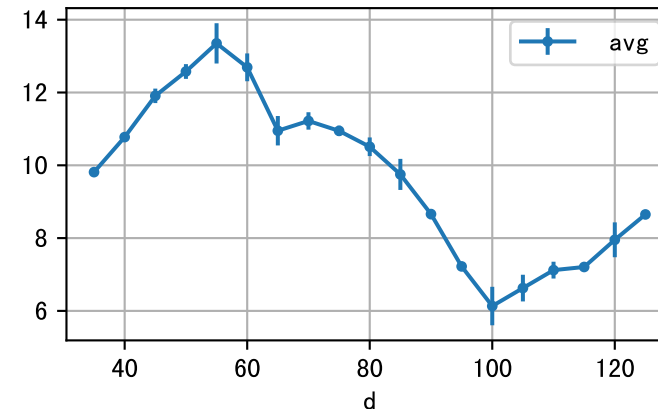
age=15



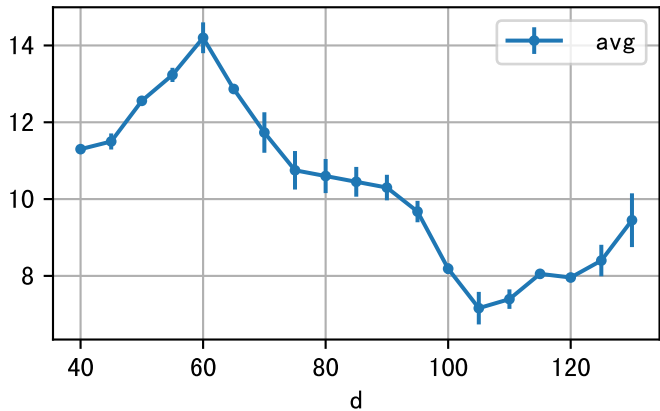
age=20



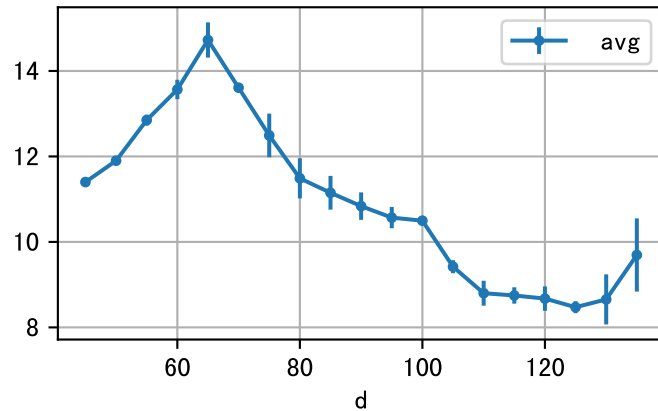
age=25



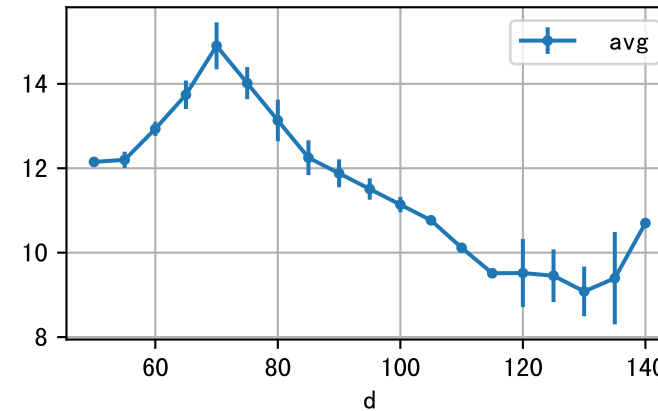
age=30



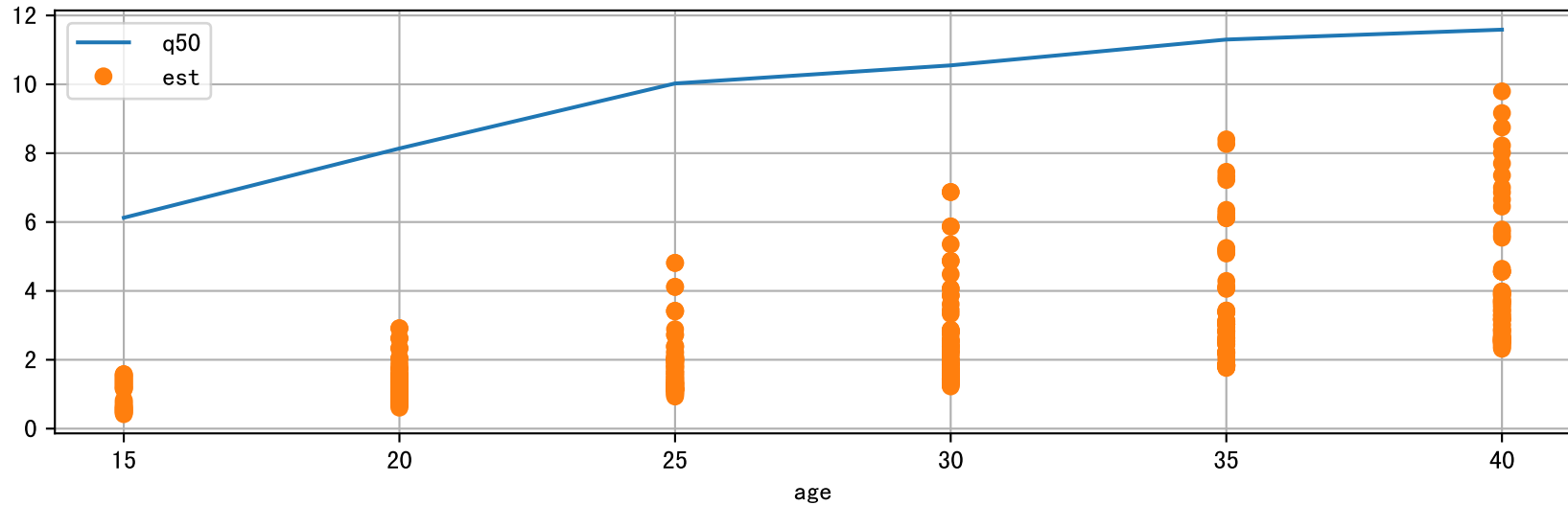
age=35



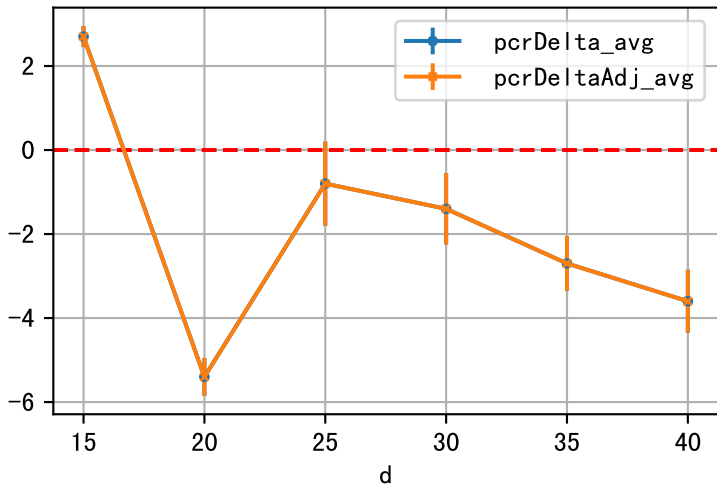
age=40



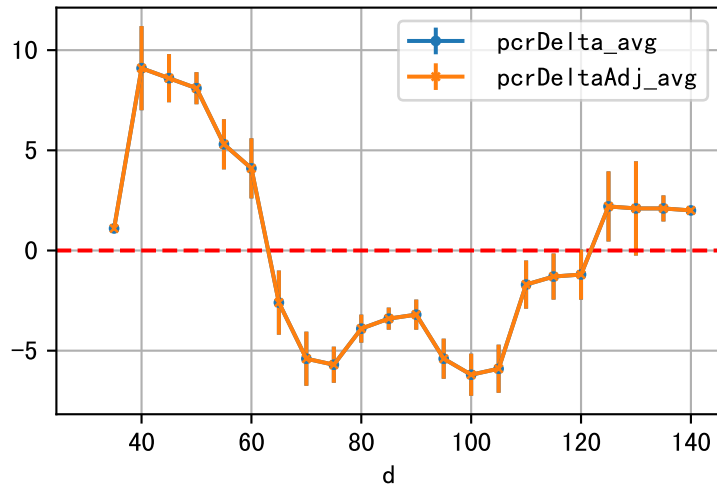
NdD: model est vs obs0v@Q50



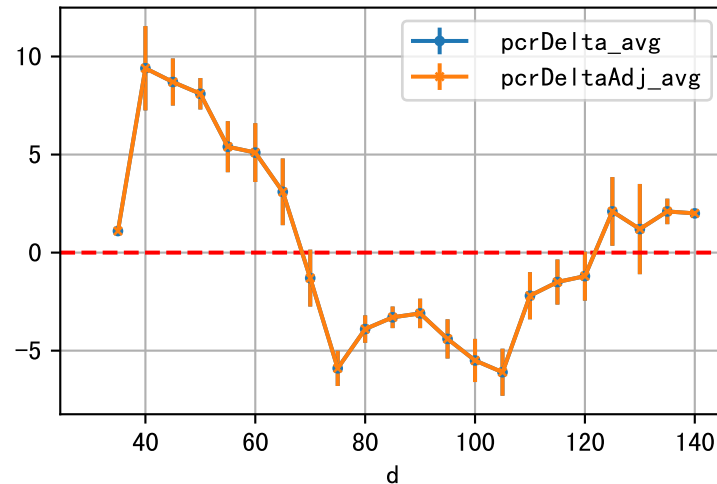
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

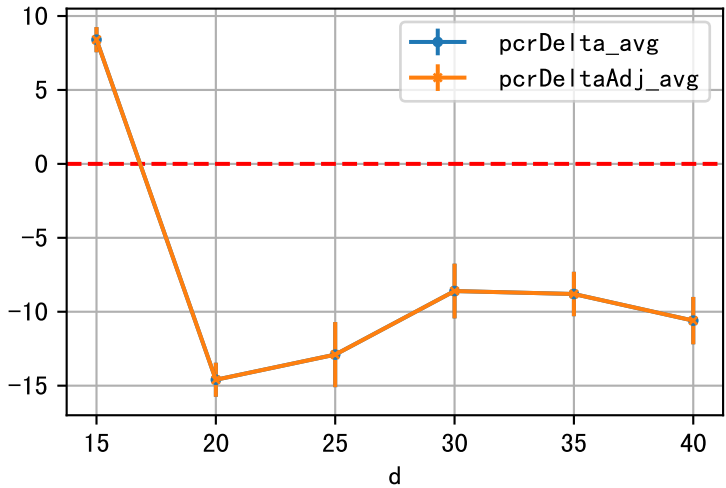


DeltaTypeAbbr=Wei AvgByD

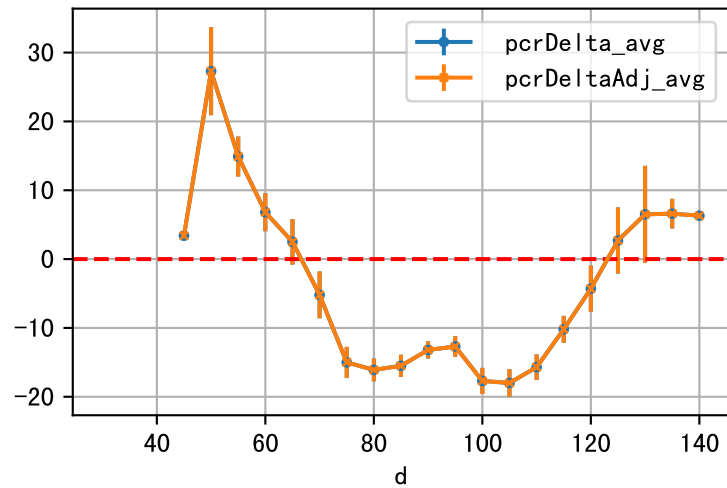


P10AW NdD: D_15d_NdD

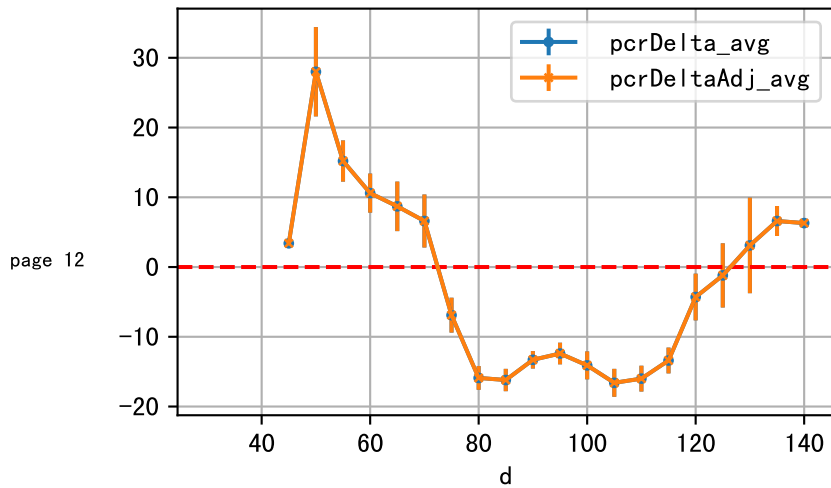
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

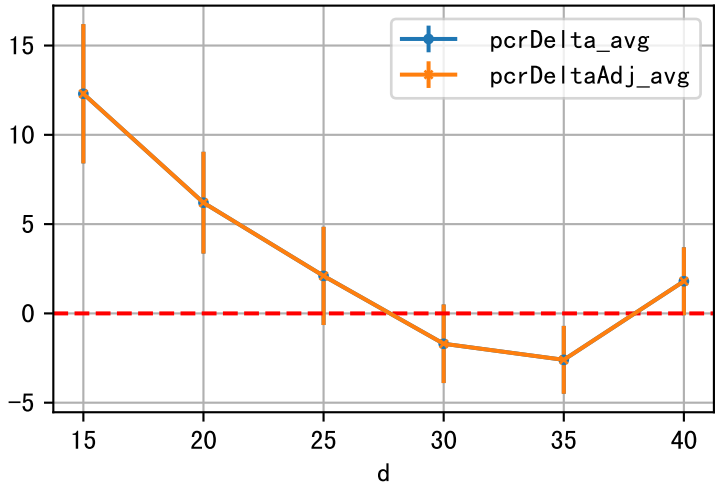


DeltaTypeAbbr=Wei AvgByD

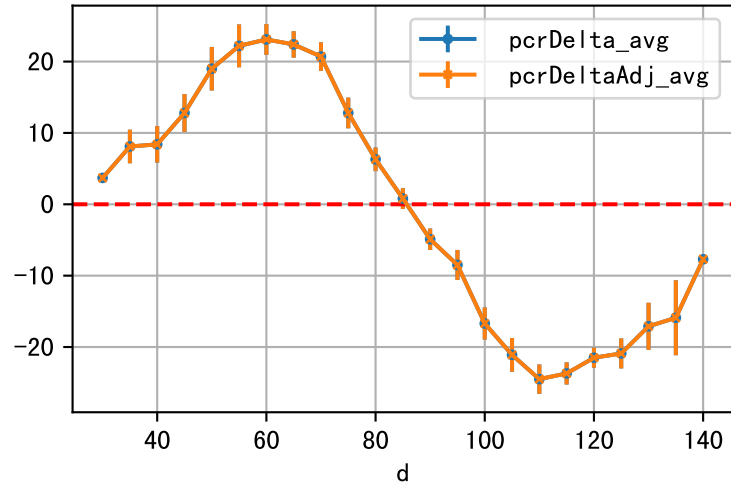


P10AW NdD: D_Q50_NdD

DeltaTypeAbbr=GrpByAge

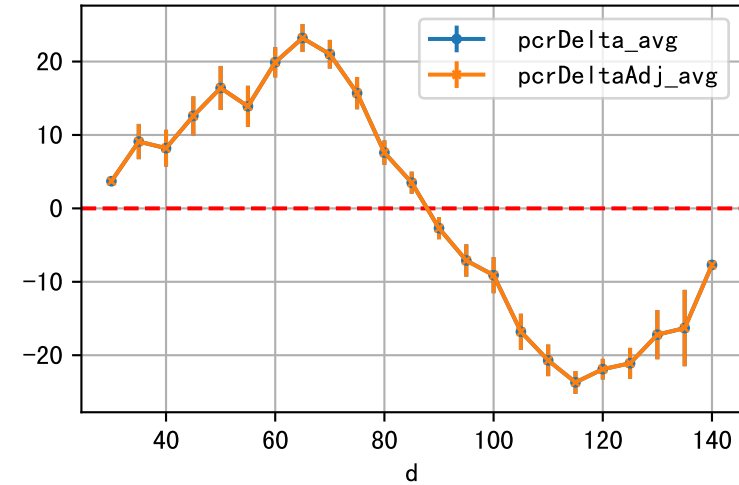


DeltaTypeAbbr=GrpByDay



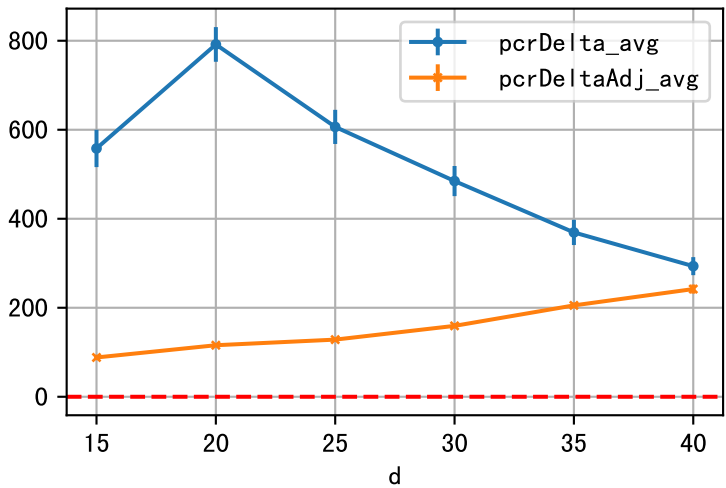
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DeltaTypeAbbr=Wei AvgByD

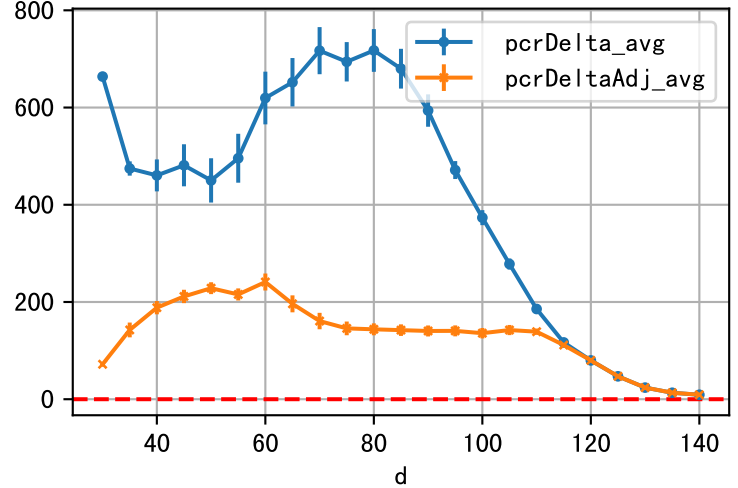


P10AW NdD: D_Est_NdD

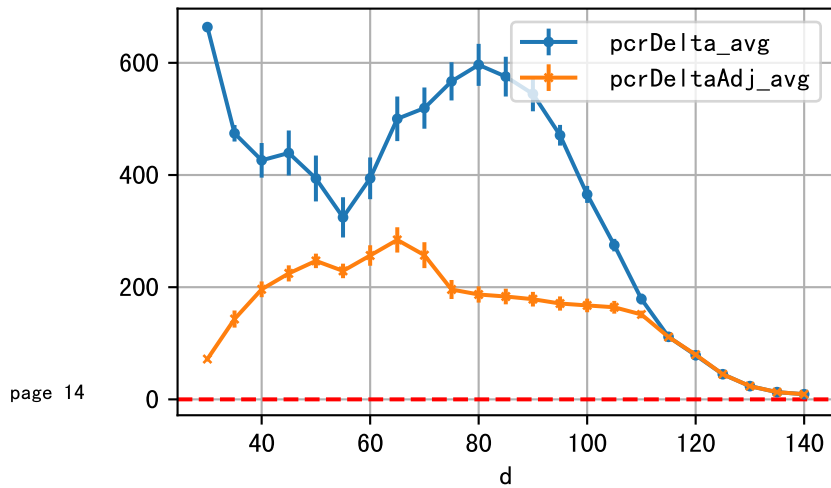
DeltaTypeAbbr=GrpByAge



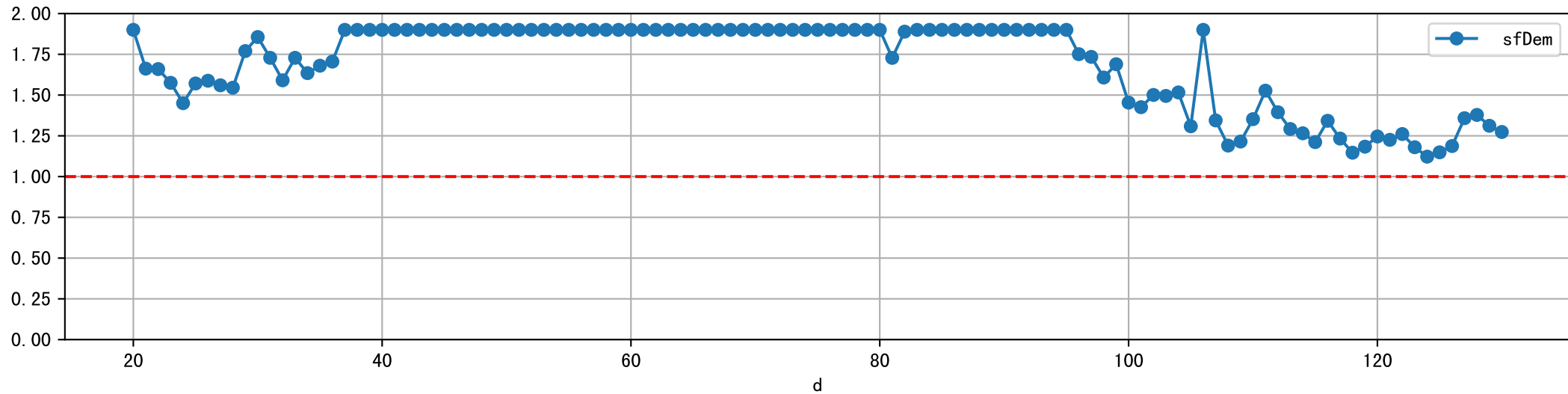
DeltaTypeAbbr=GrpByDay

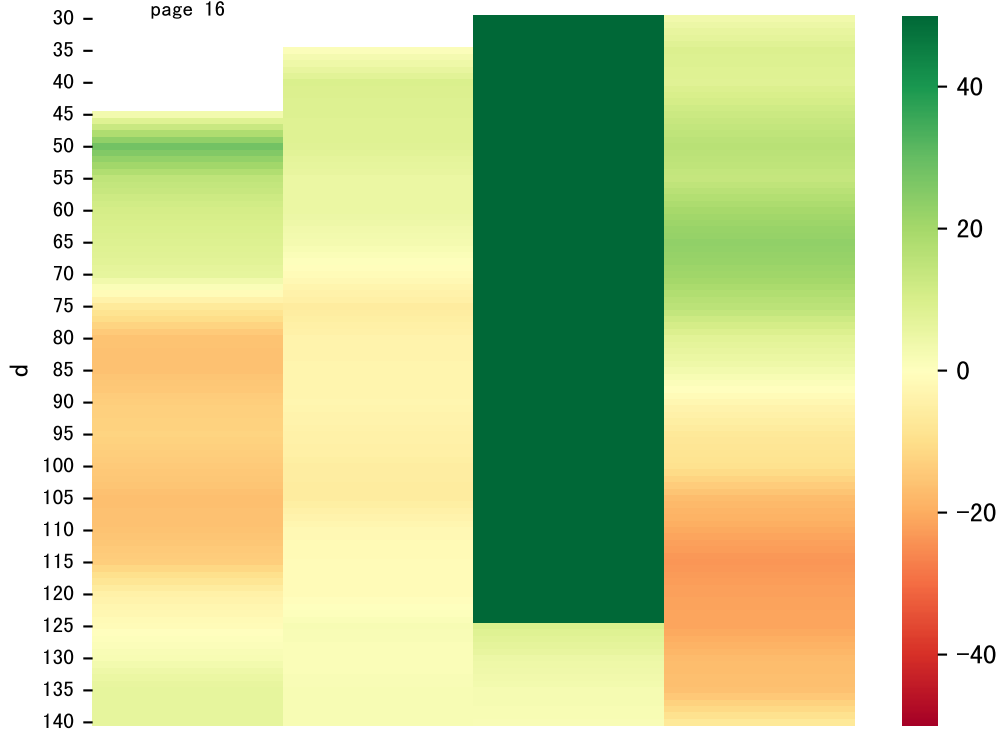


DeltaTypeAbbr=Wei AvgByD

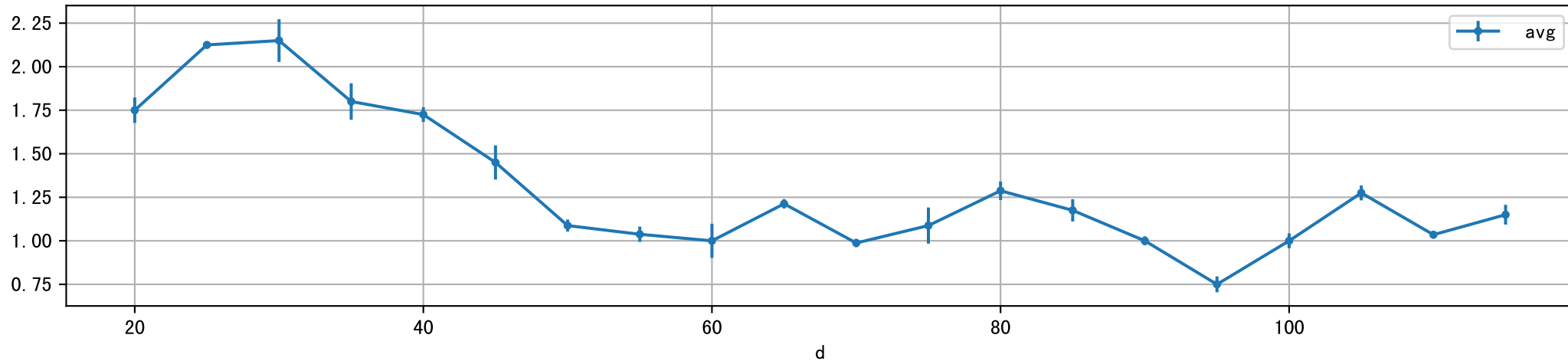


NdD: sfDem

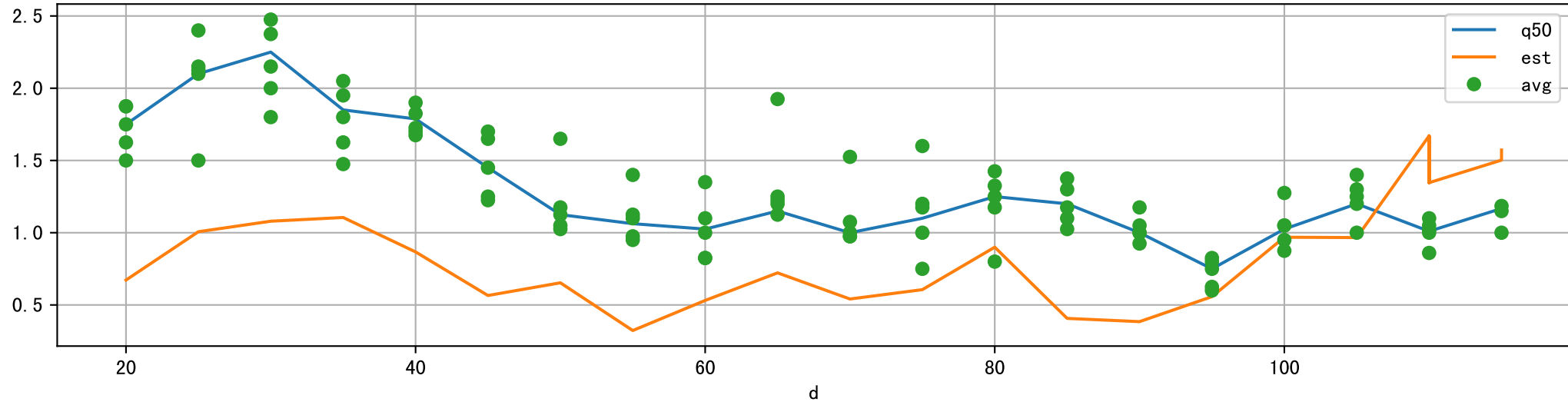




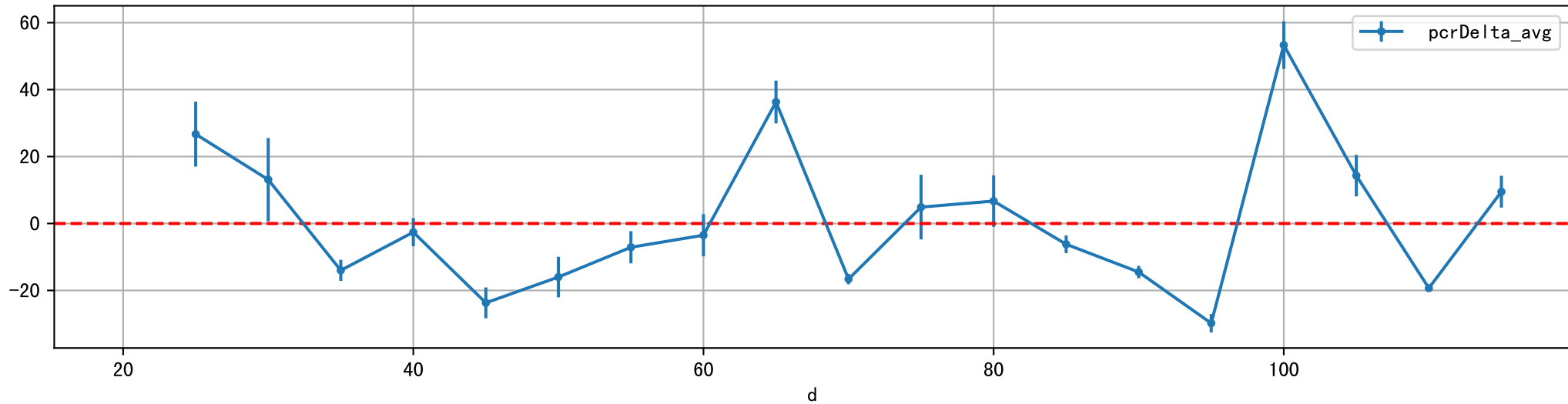
dStH: avg vs. d



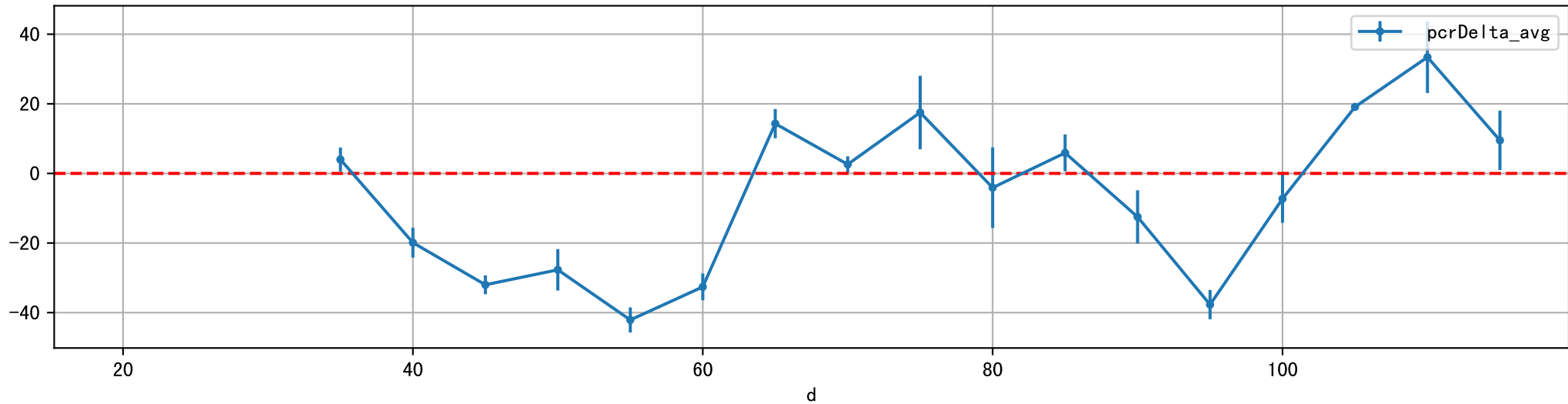
dStH: obsAvg vs obs0v@Q50



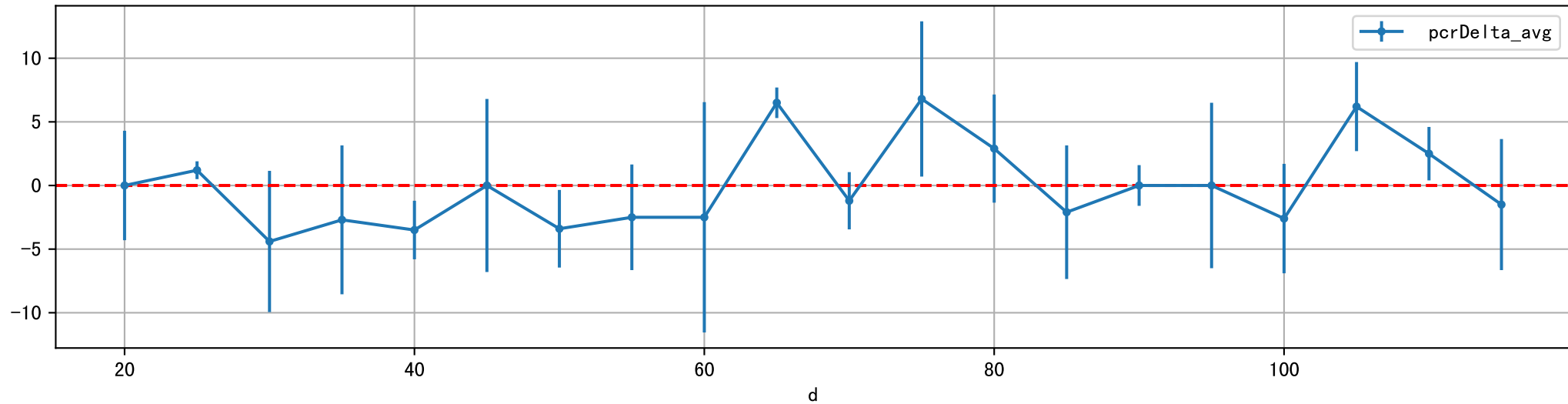
dStH: D_5d_StH



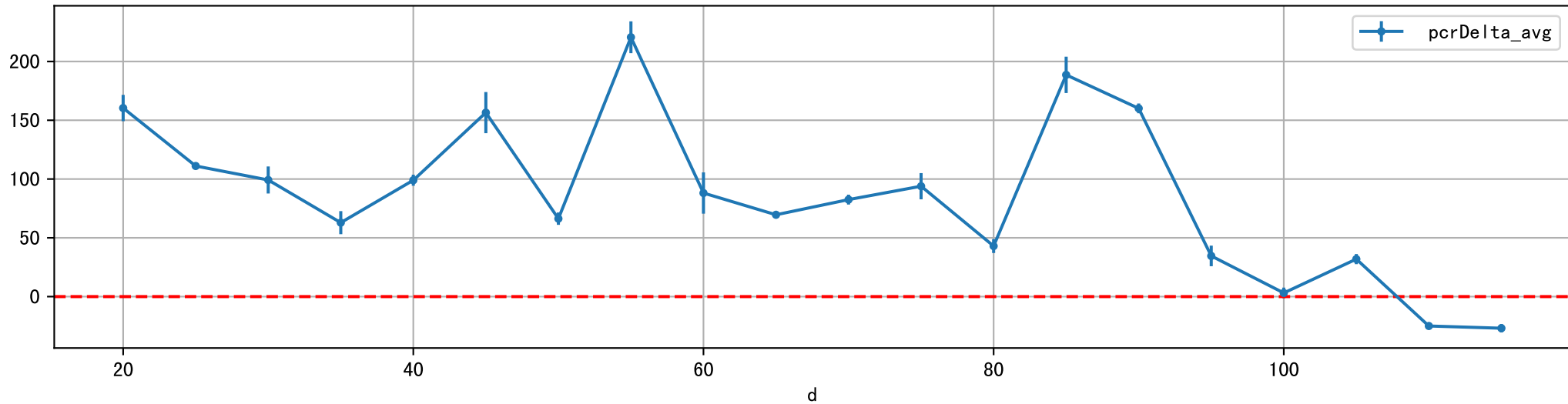
dStH: D_15d_StH



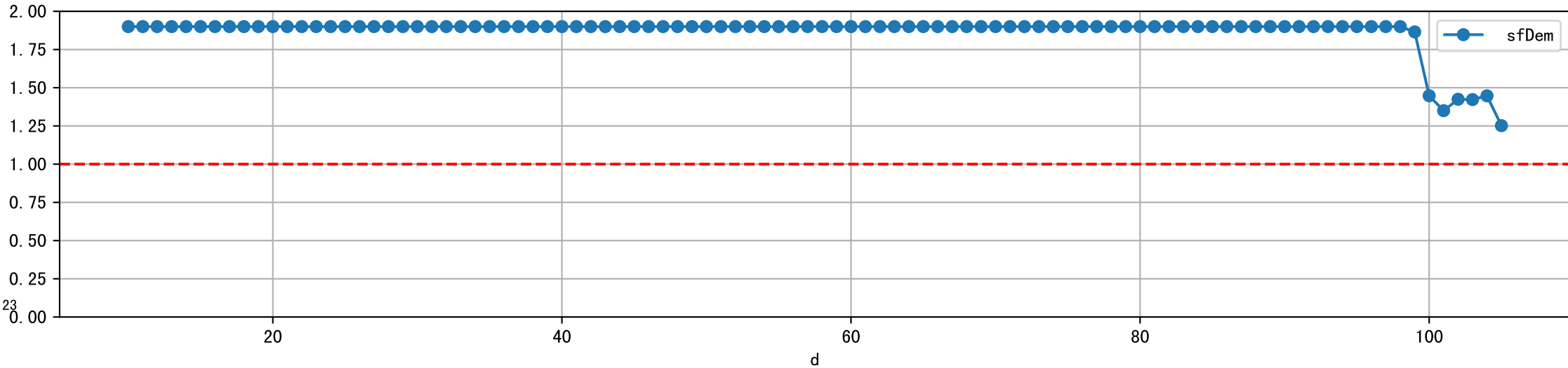
dStH: D_Q50_StH

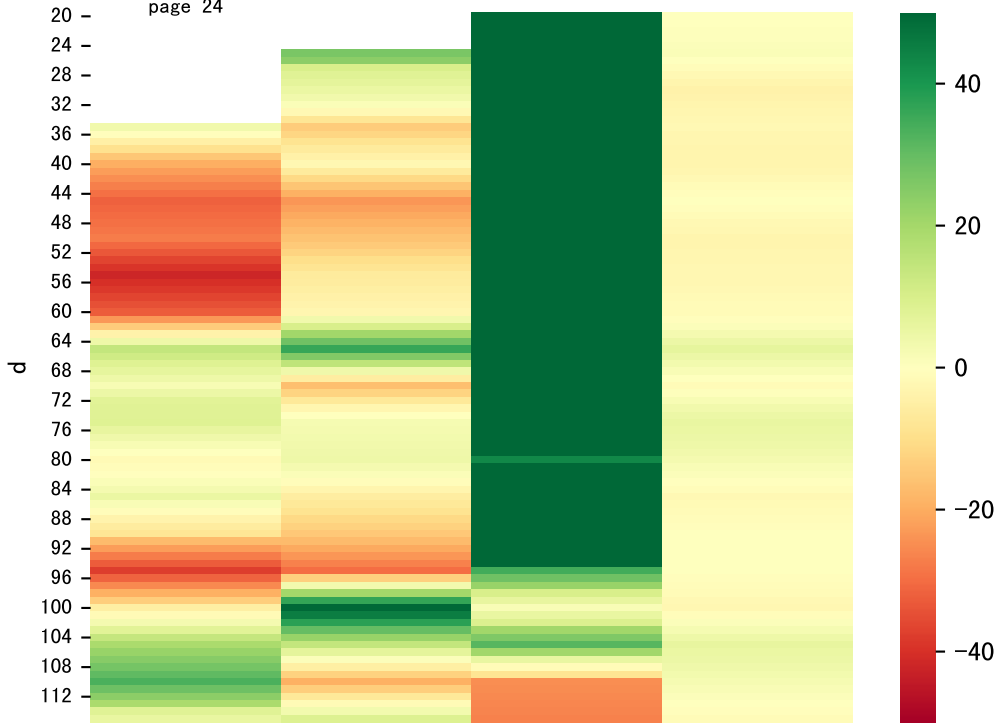


dStH: D_Est_StH



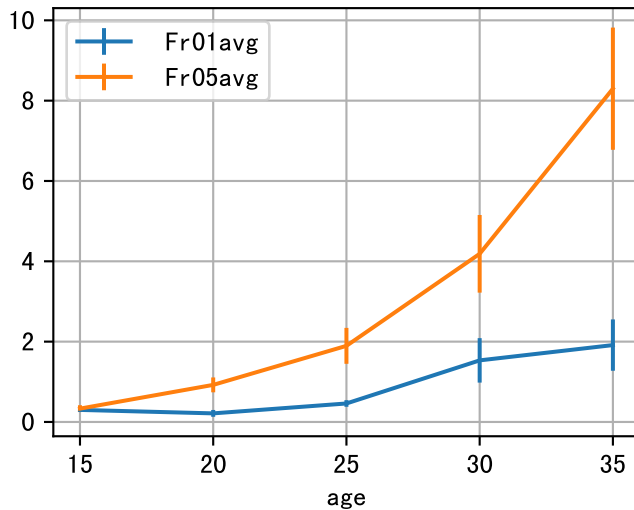
dStH: sfDem



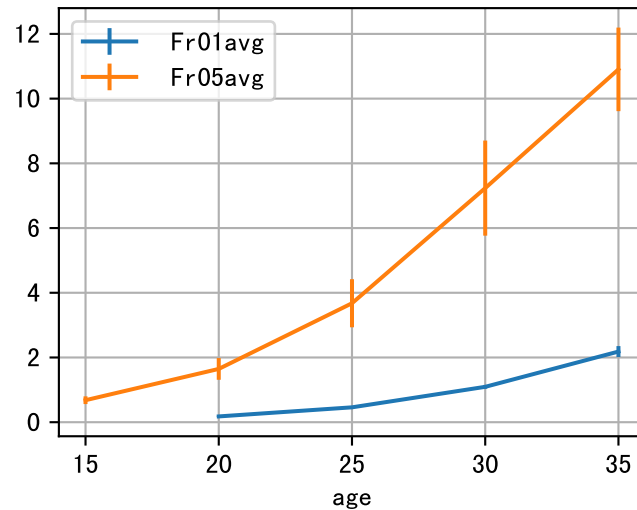


FrV: Fr01 vs Fr05 at each truss

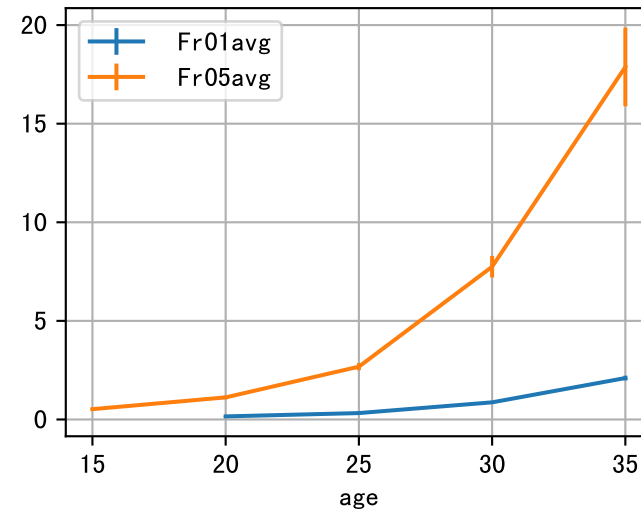
organID=T01



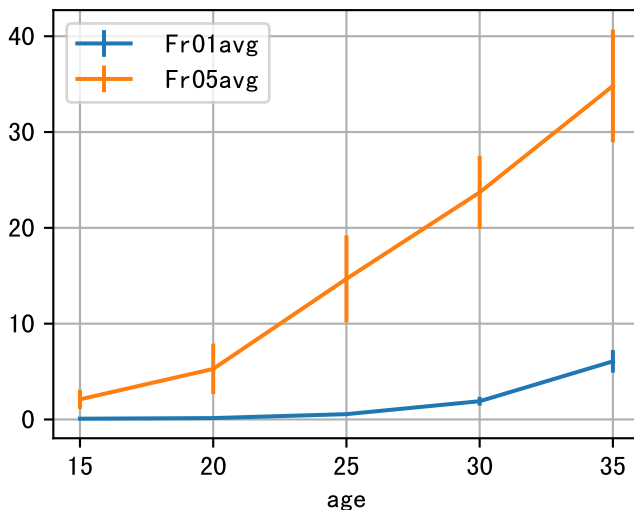
organID=T02



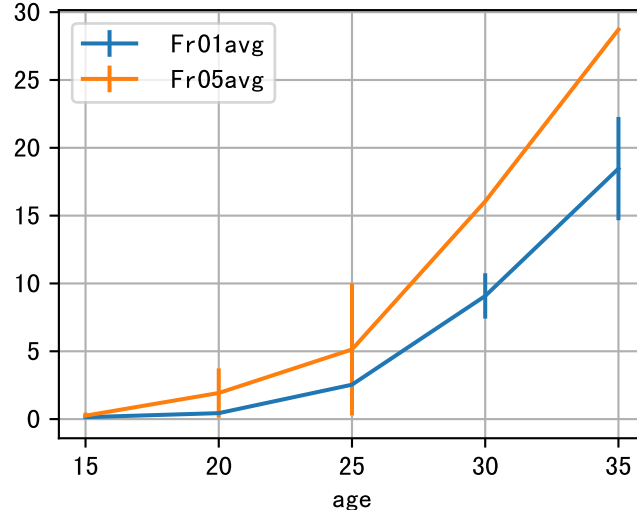
organID=T03



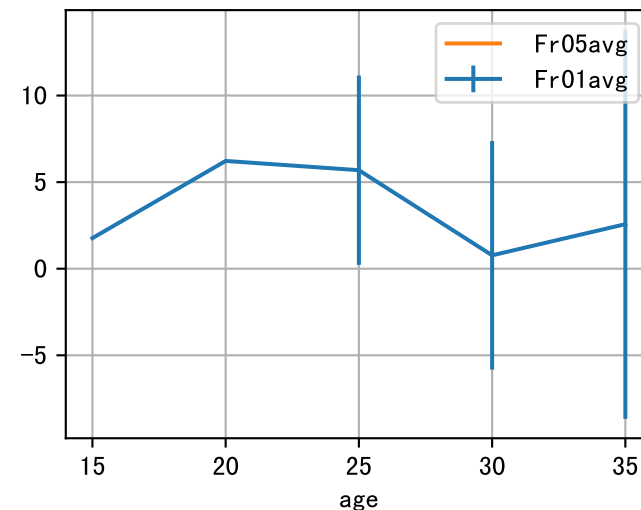
organID=T04



organID=T05

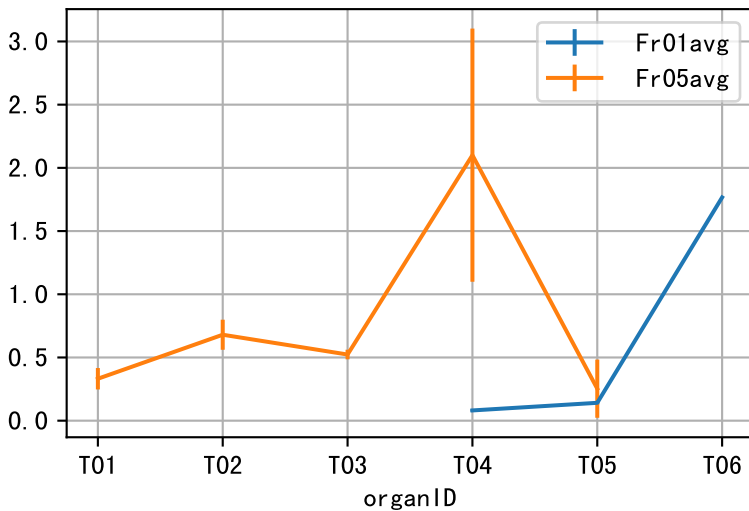


organID=T06

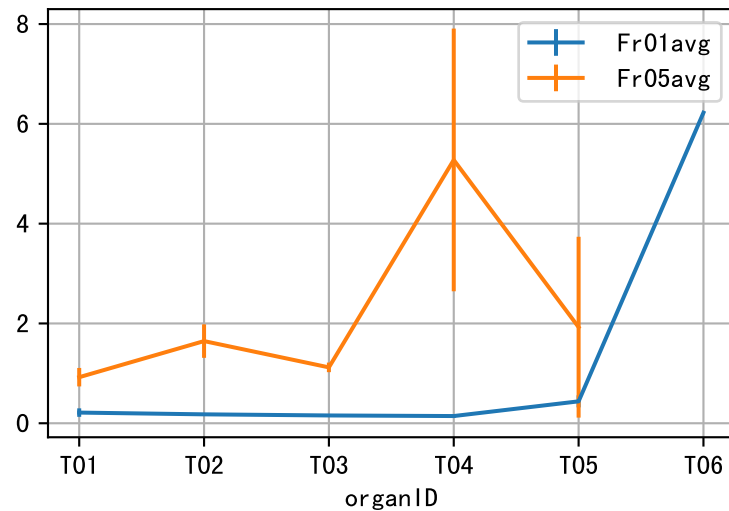


FrV trend at each age

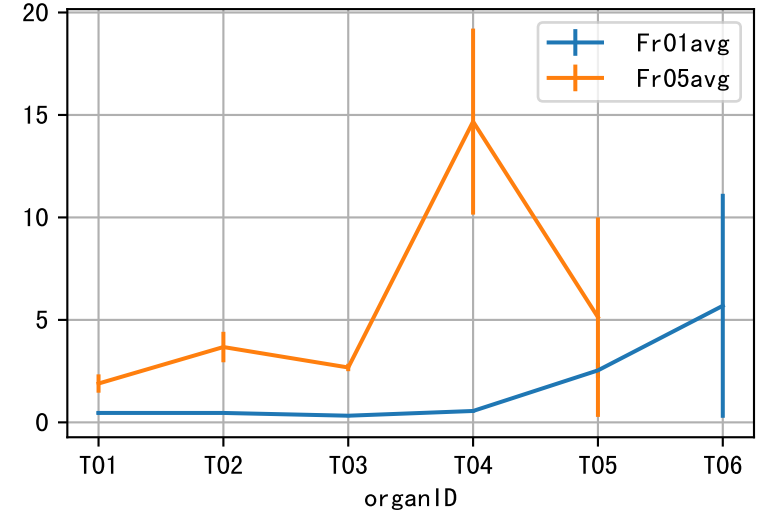
age=15



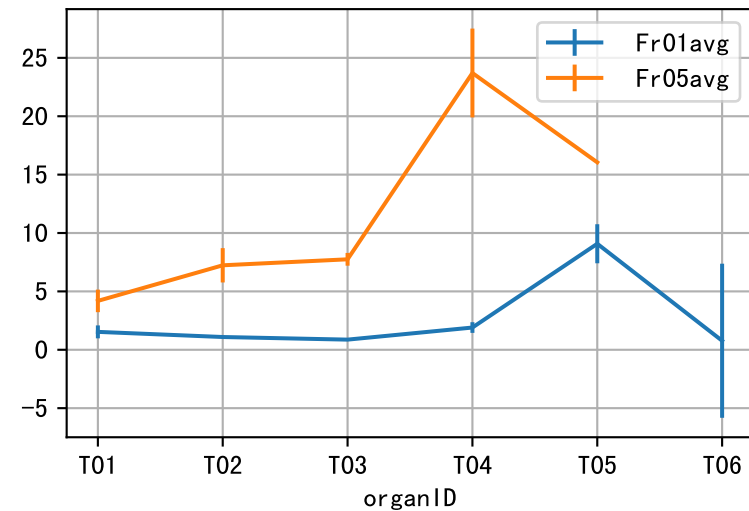
age=20



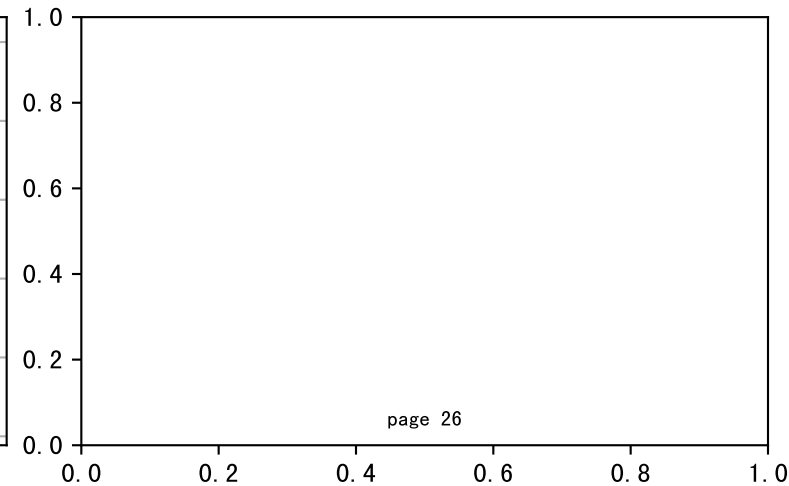
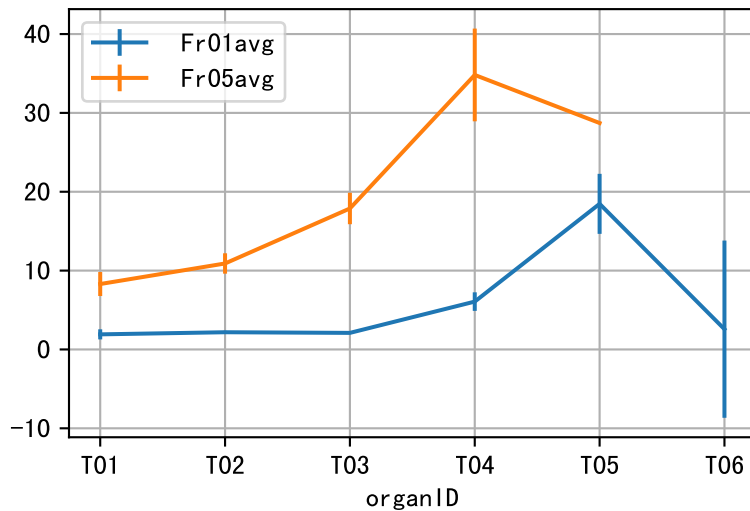
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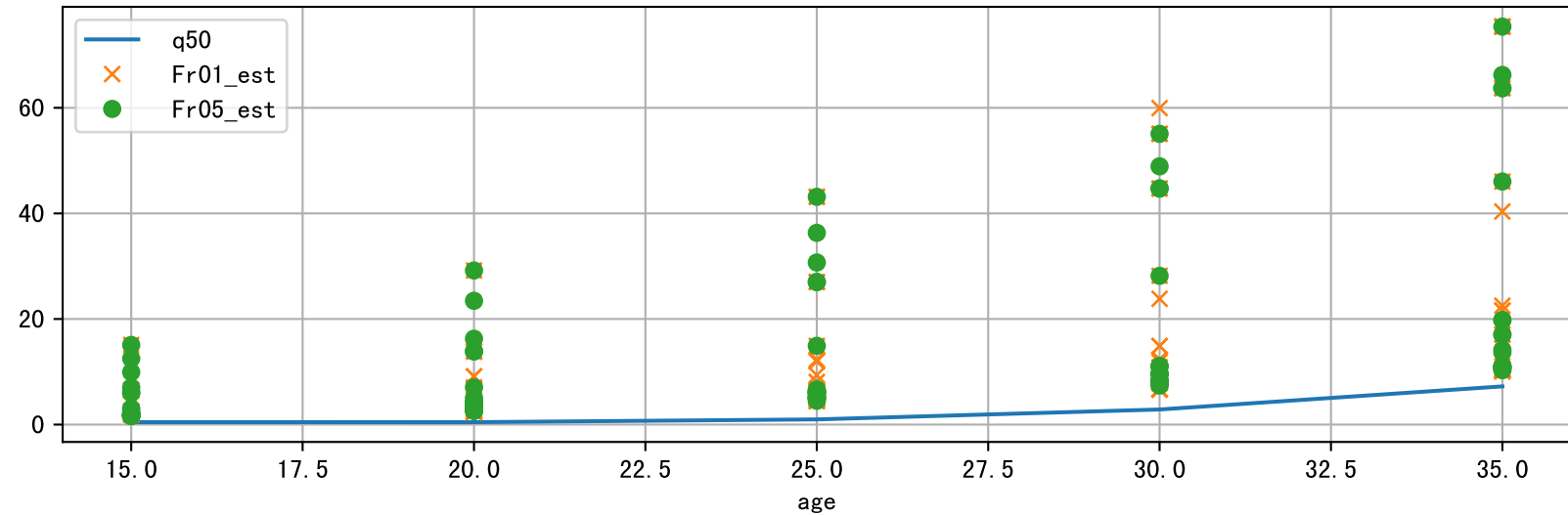
age=30



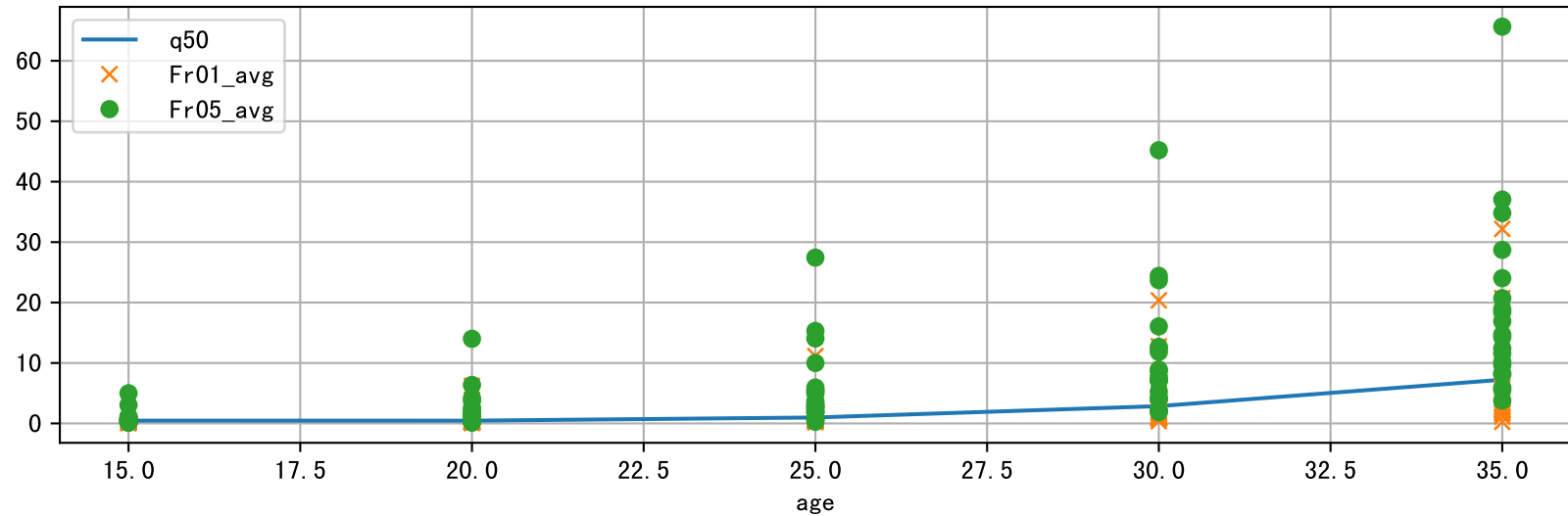
age=35



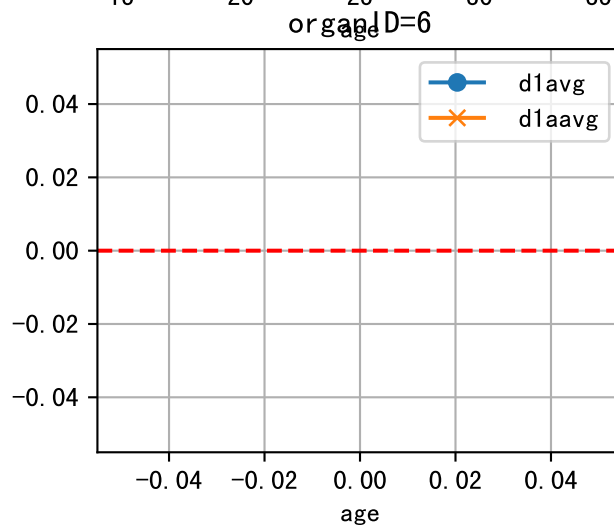
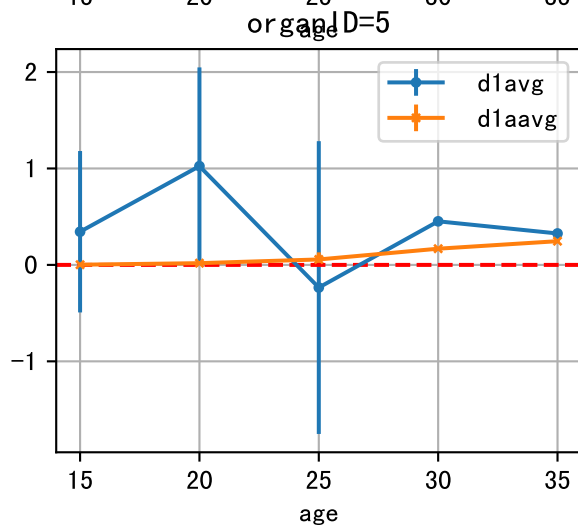
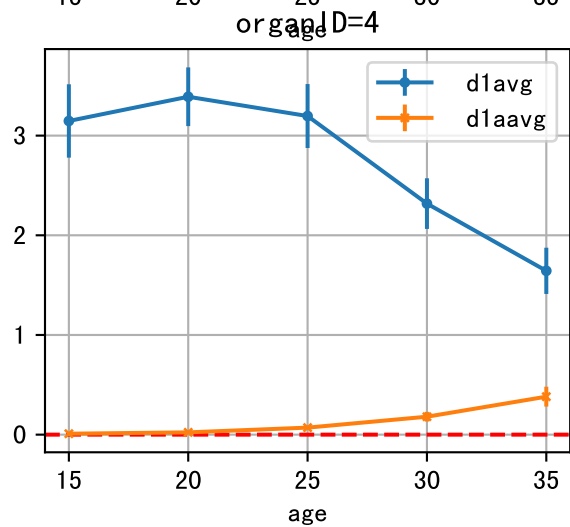
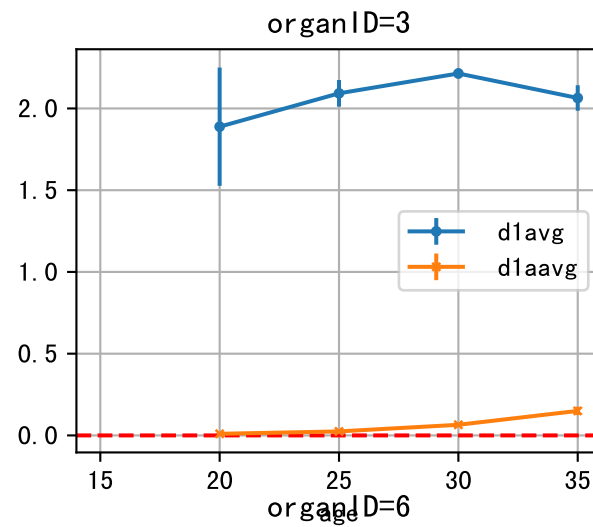
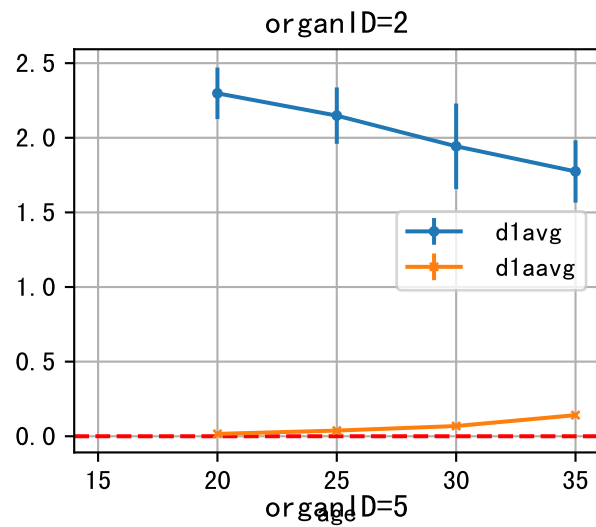
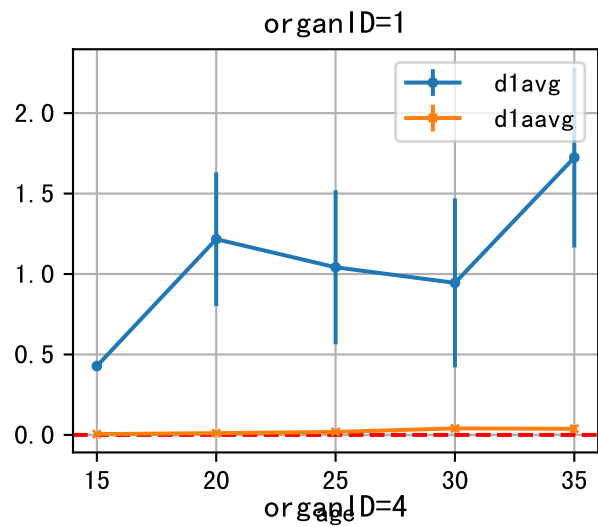
FrV: model Est vs obsFrV at Q90



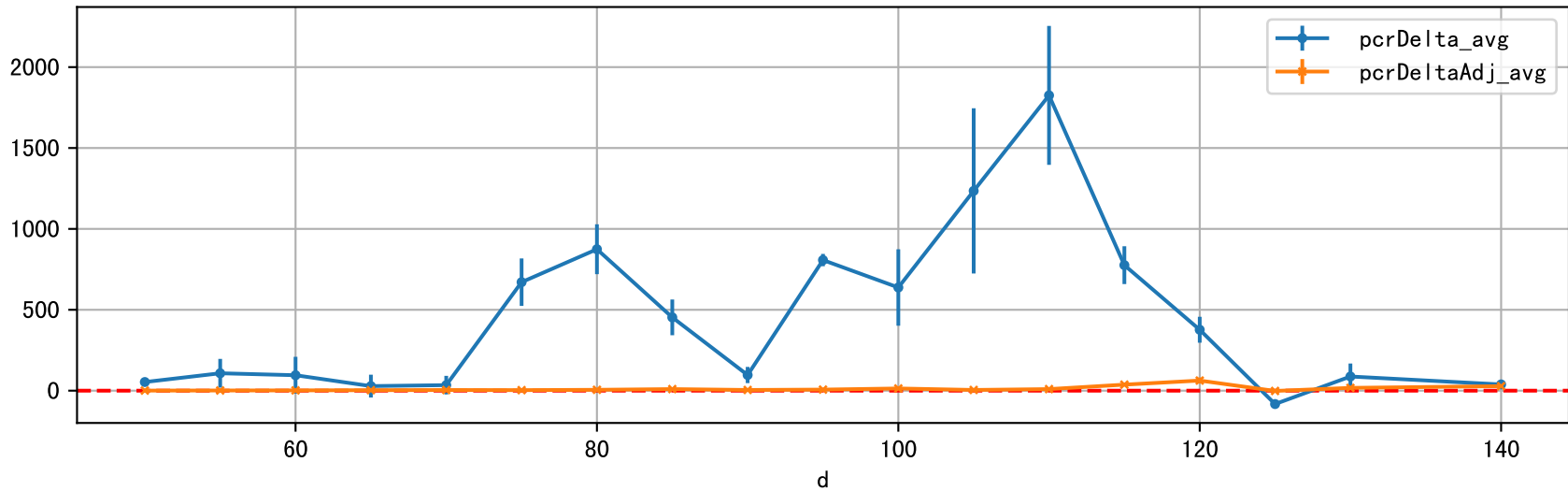
FrV: obsFrV vs obsFrV@Q90



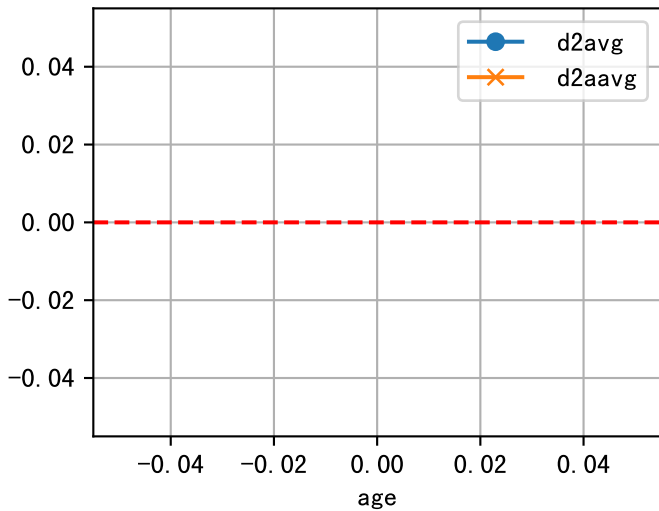
FrV: D_Fr1_FrV



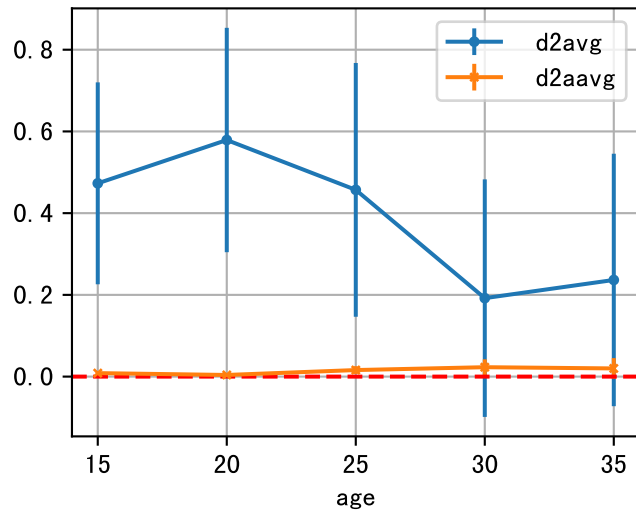
P10AW FrV: D_Fr1_FrV



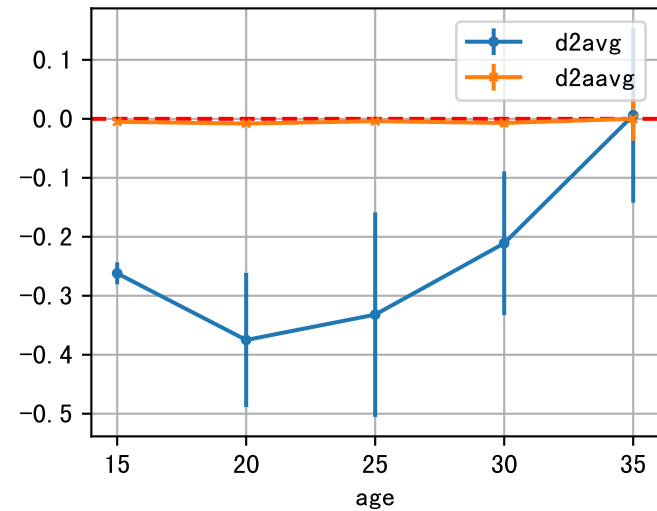
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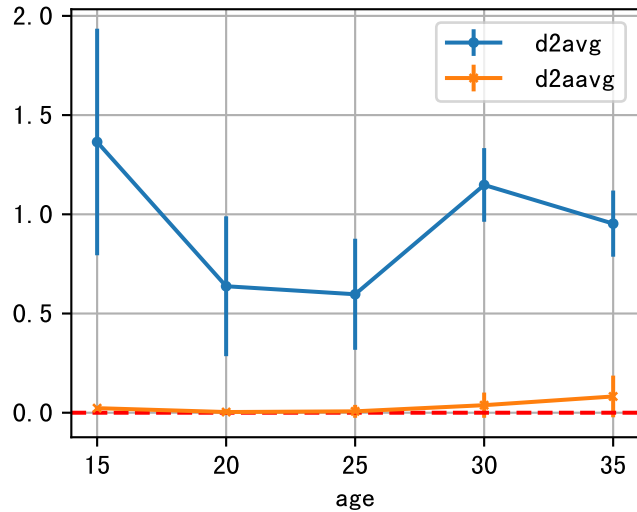
organID=2



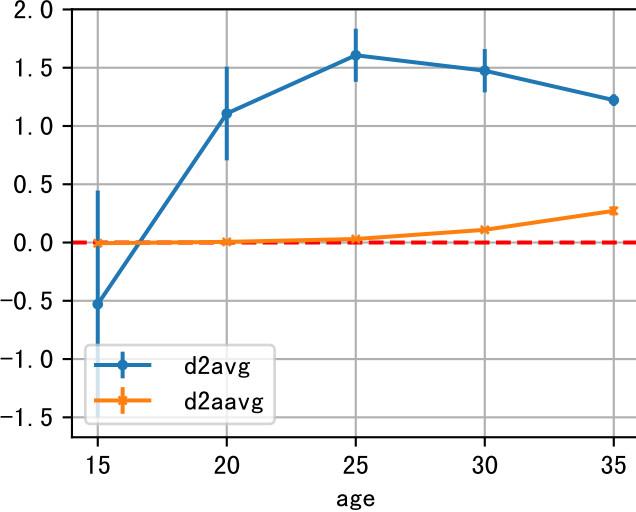
organID=3



organID=4

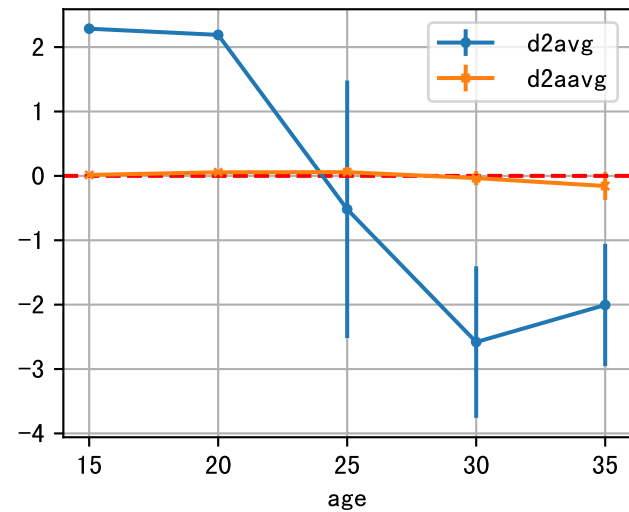


organID=5

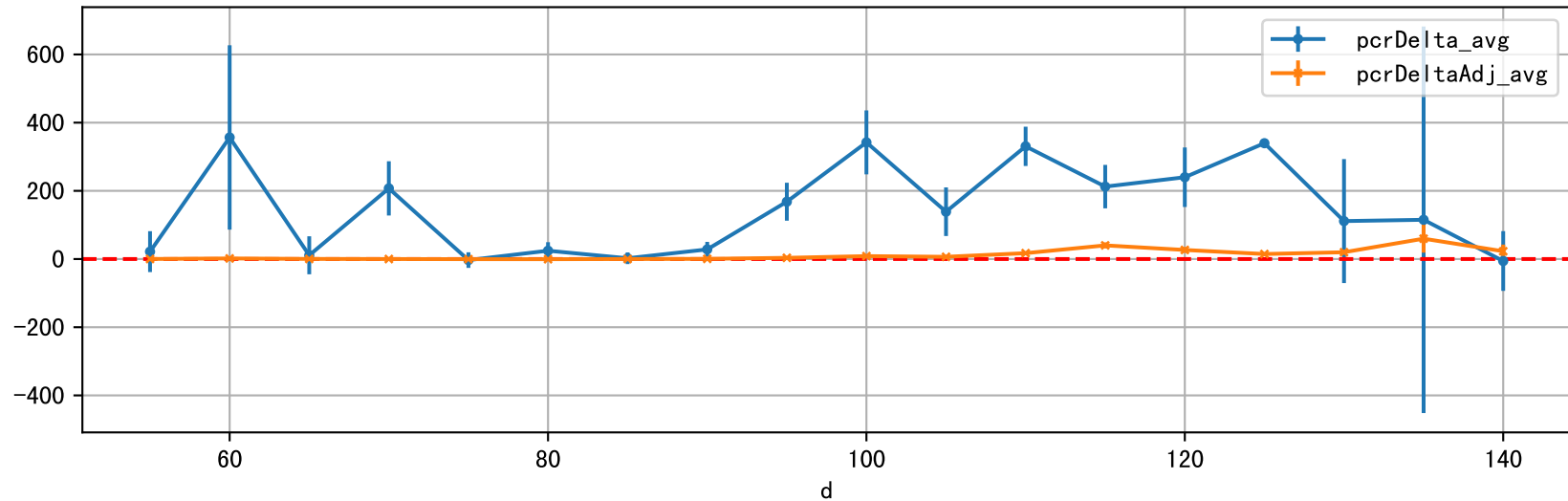


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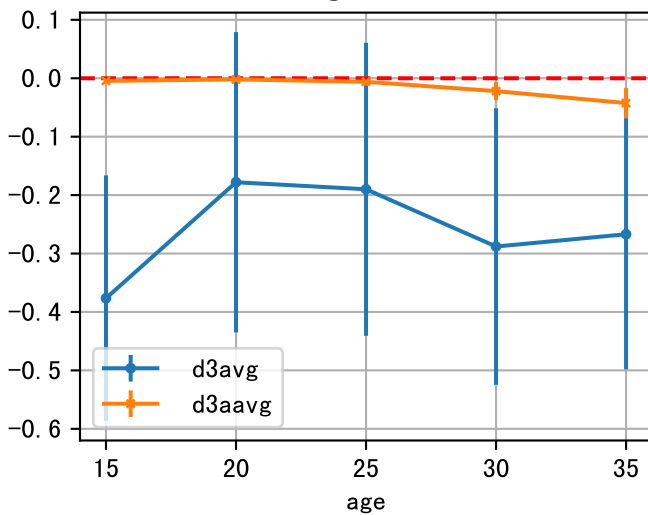
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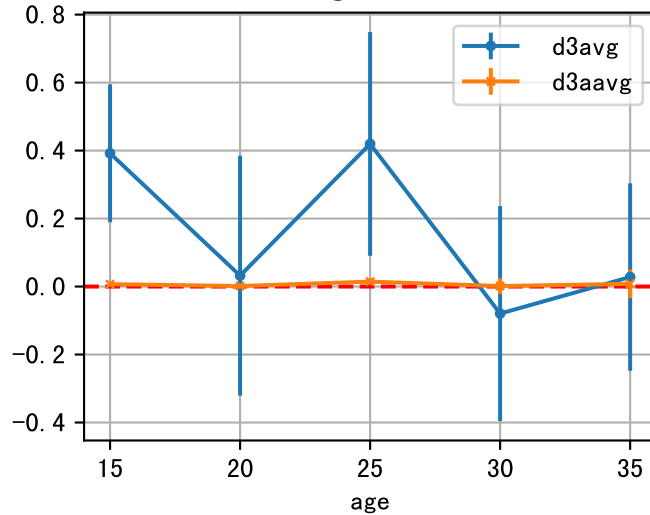
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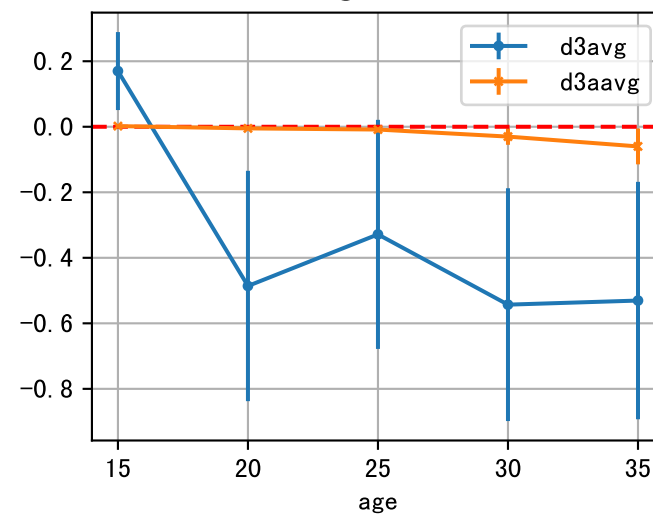
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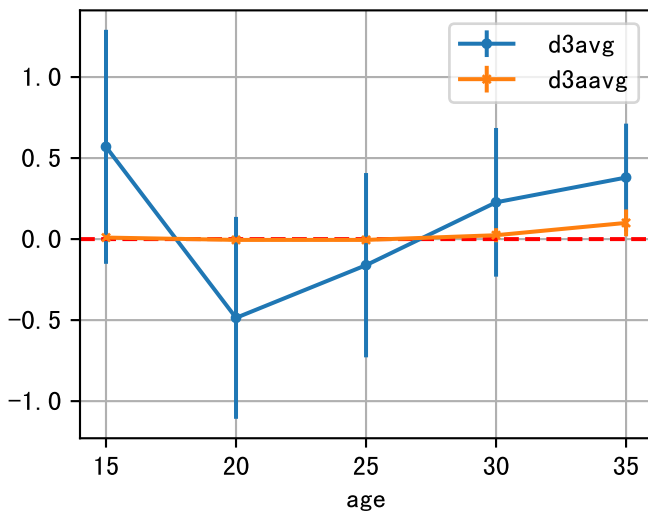
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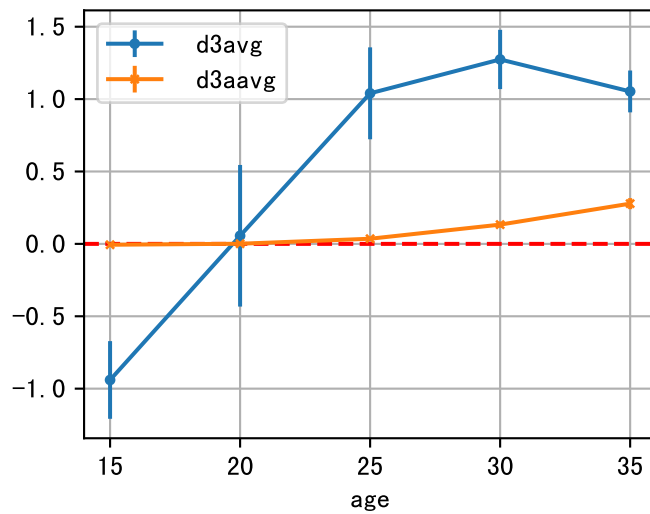
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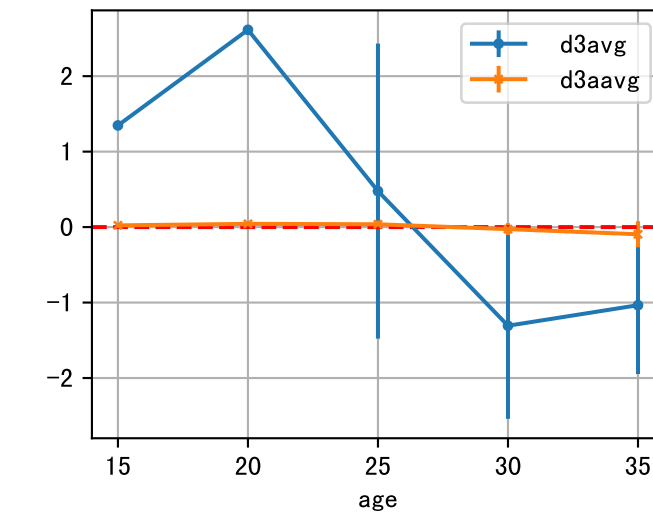


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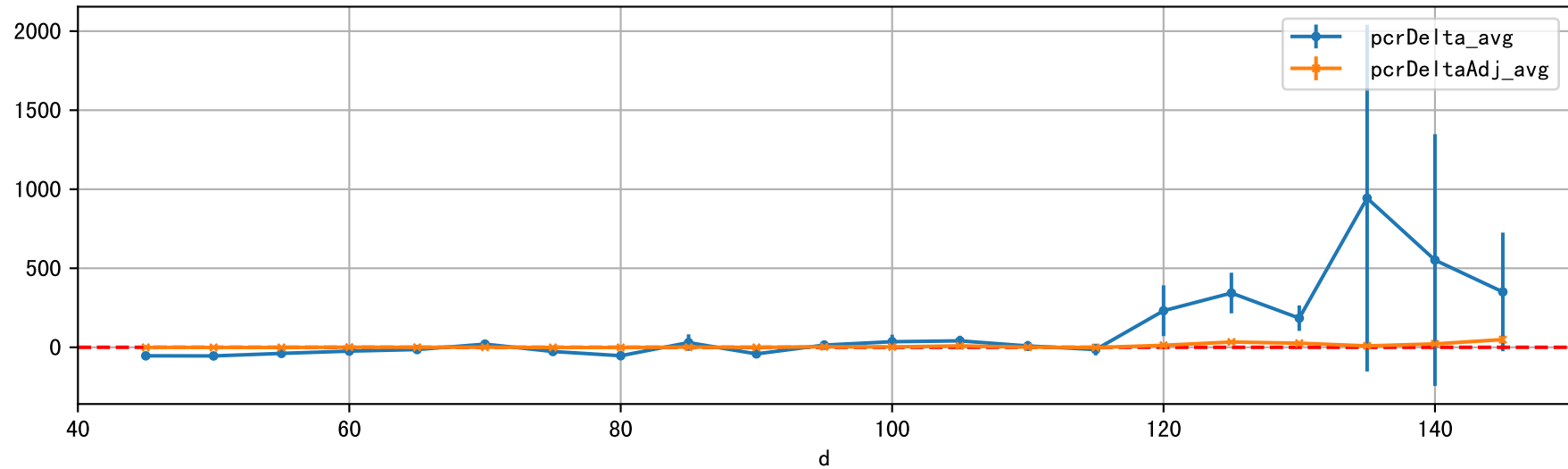


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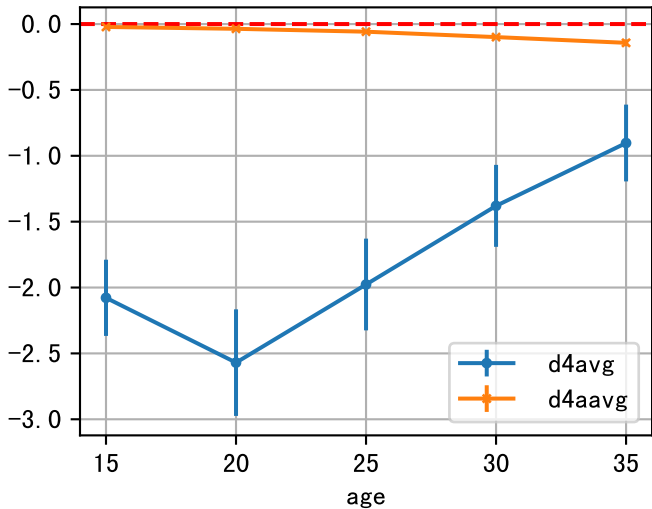
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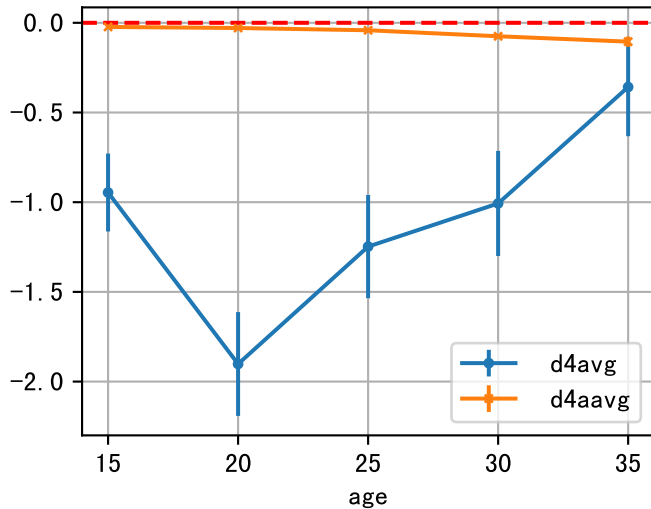
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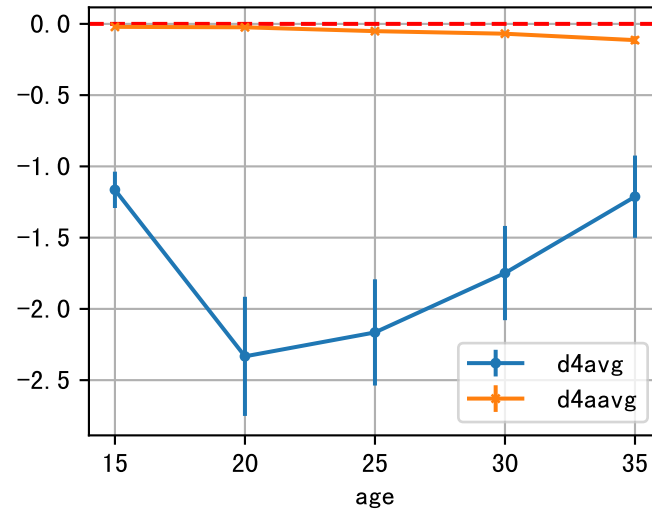
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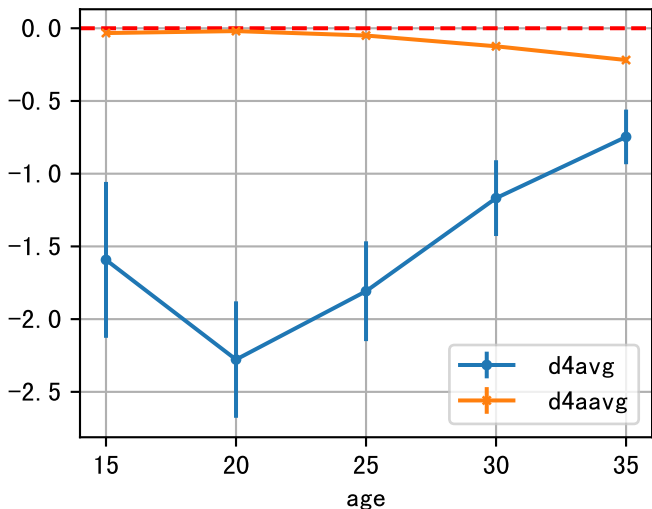
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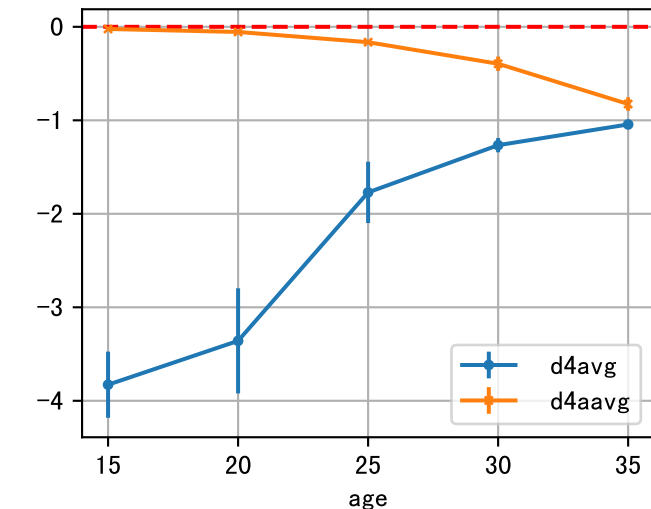
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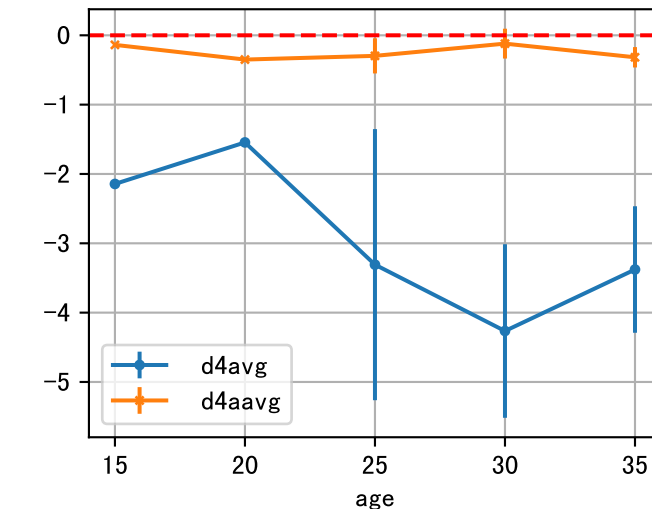


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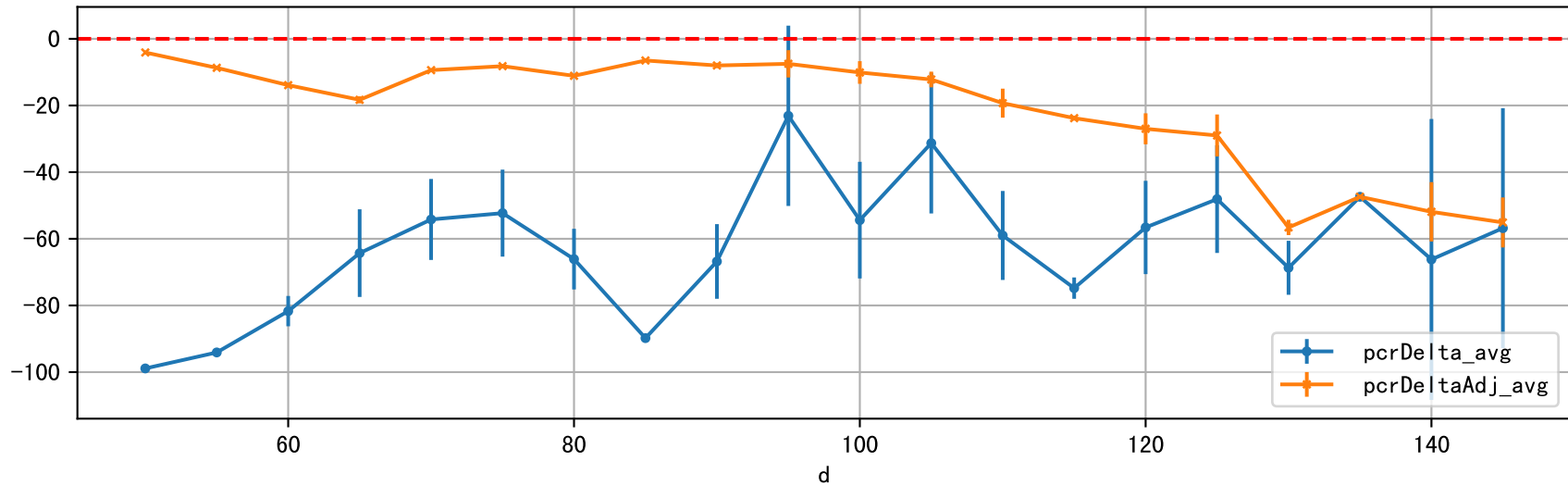


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organID=6



P10AW FrV: D_Est_FrV



P10AW FrV: sfDem

