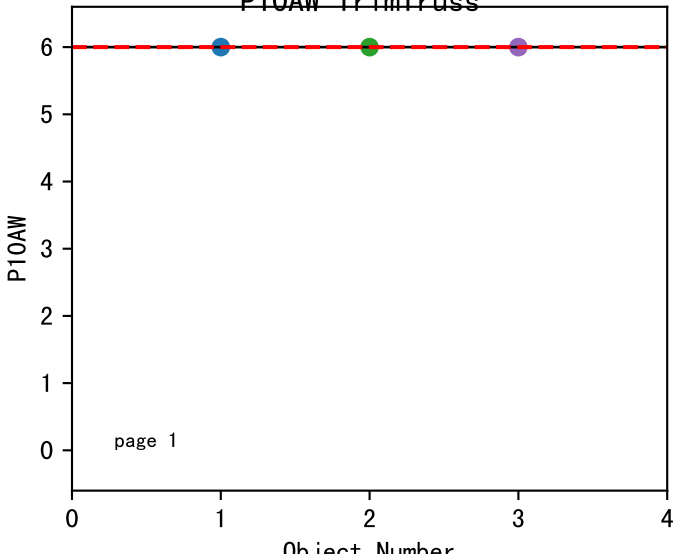


Phenotype Data Analysis Plots
PhenoData day range = 18 - 132
Analysis cutoff day = 132
NC11 P10
2026-02-28 (Day 133)

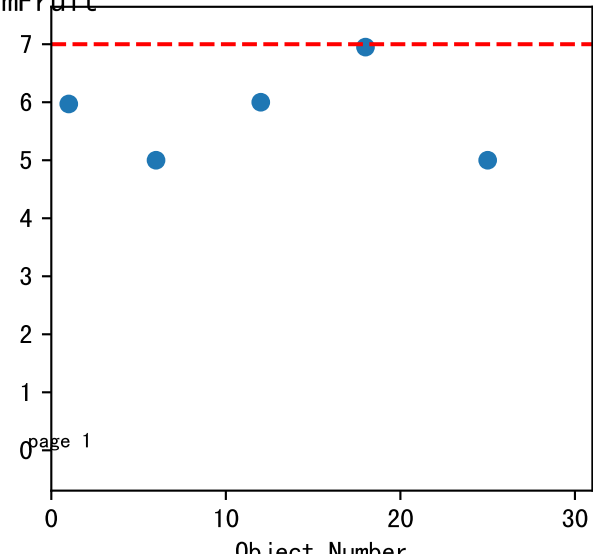
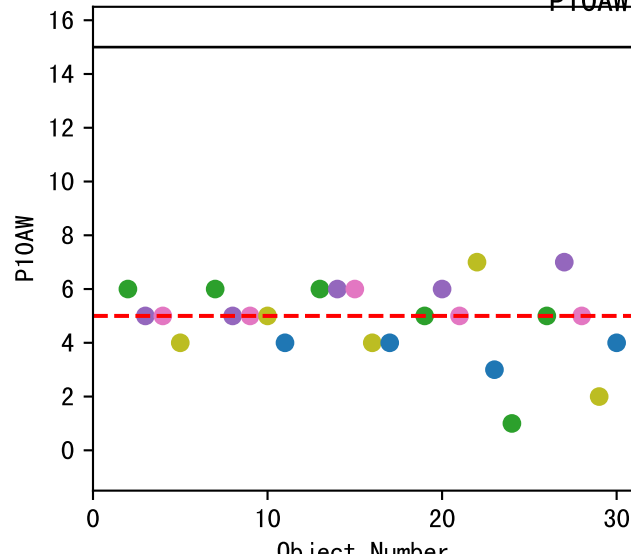
avg1=0.00% avg2=na
P10AW TrimTruss



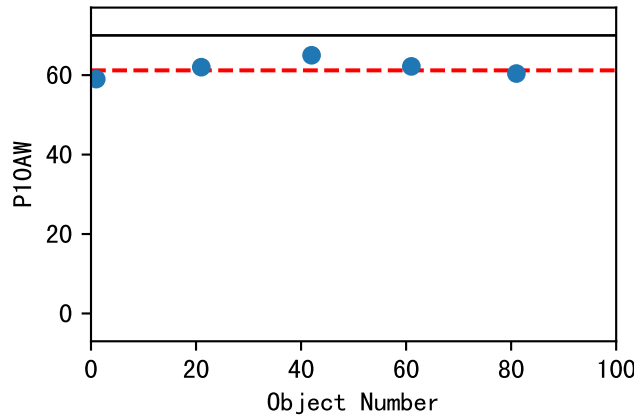
avg1=5.0 28% avg2=na

P10AW TrimFruit

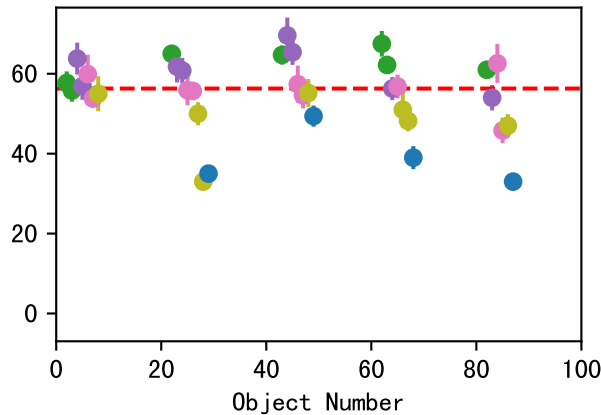
avg1=7.0 12% avg2=na



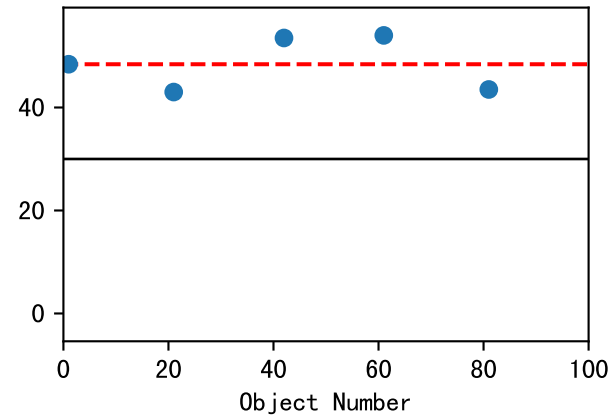
FRD_Q90AbsY (Def=70 Set=61.2)
avg1=61.2~2% avg2=na



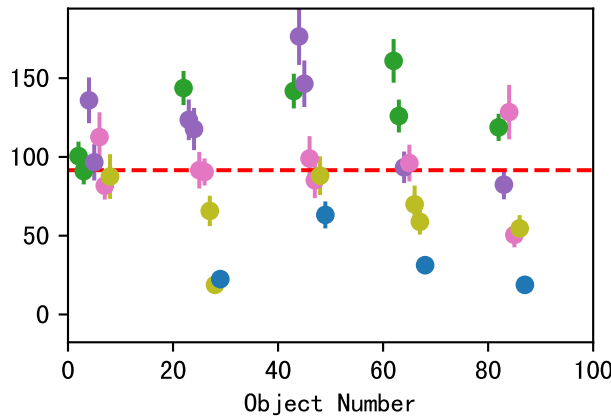
FRD_avgAbsY (Def=na Set=56.3)
avg1=56.3~14% avg2=na



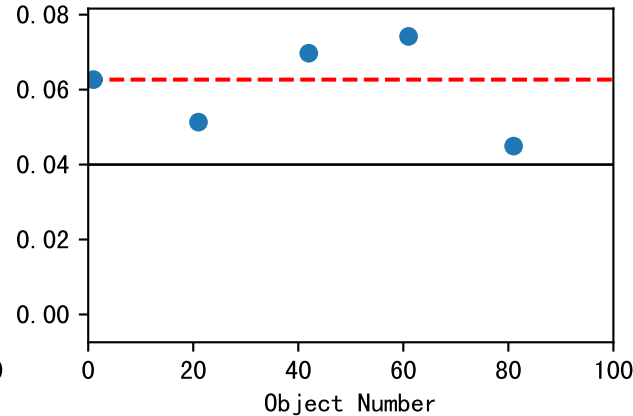
LTW_Q90AbsY (Def=30 Set=48.4)
avg1=48.4~11% avg2=na



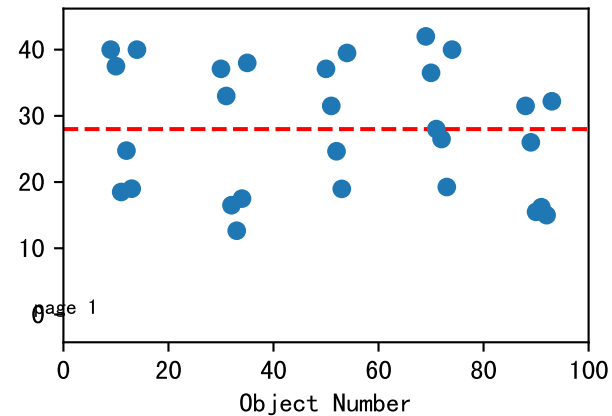
FrV_avgAbsY (Def=na Set=91.58)
avg1=91.58~43% avg2=na



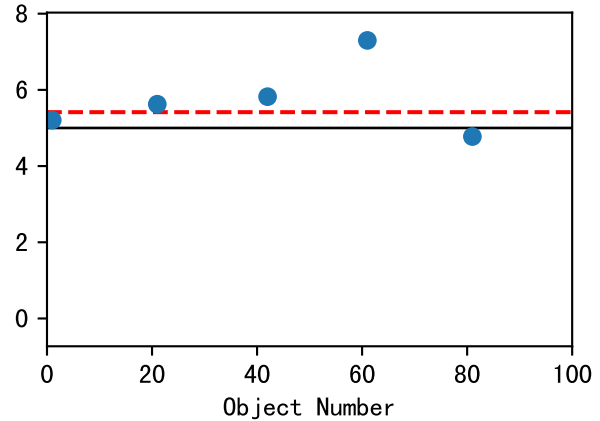
LfA_Q90AbsY (Def=0.04 Set=0.06)
avg1=0.06~20% avg2=na



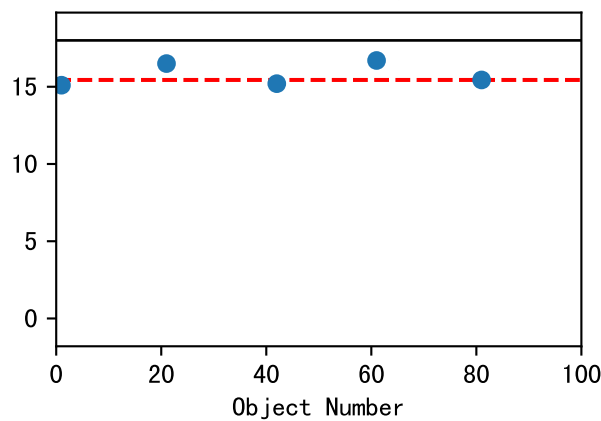
LfL_avgAbsY (Def=na Set=28.0)
avg1=28.0~34% avg2=na



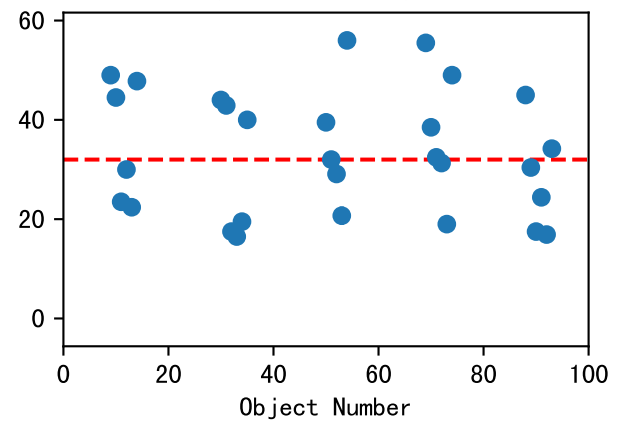
NdL_Q90AbsY (Def=5 Set=5.41)
avg1=5.41~9% avg2=na



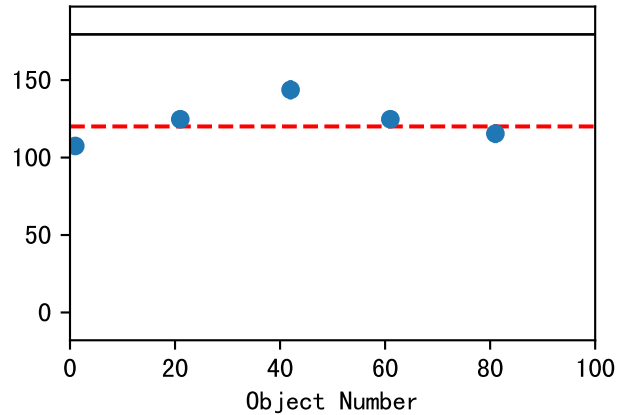
NdD_Q90AbsY (Def=18 Set=15.44)
avg1=15.44~5% avg2=na



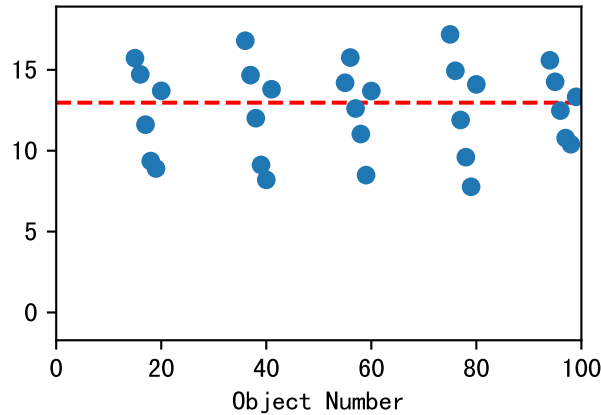
LTW_avgAbsY (Def=na Set=32.0)
avg1=32.0~38% avg2=na



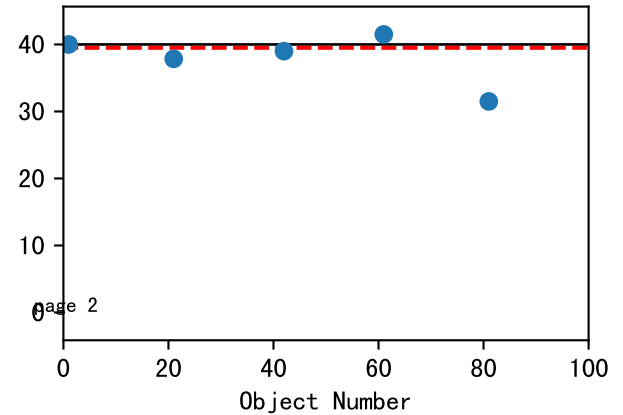
FrV_Q90AbsY (Def=179.5 Set=116.49)
avg1=120.09~7% avg2=na



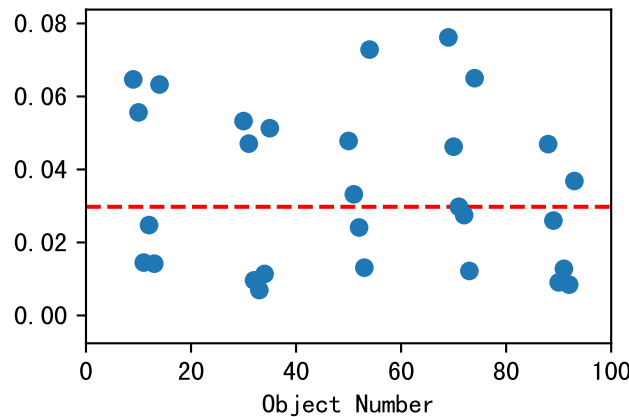
NdD_avgAbsY (Def=na Set=12.97)
avg1=12.97~21% avg2=na



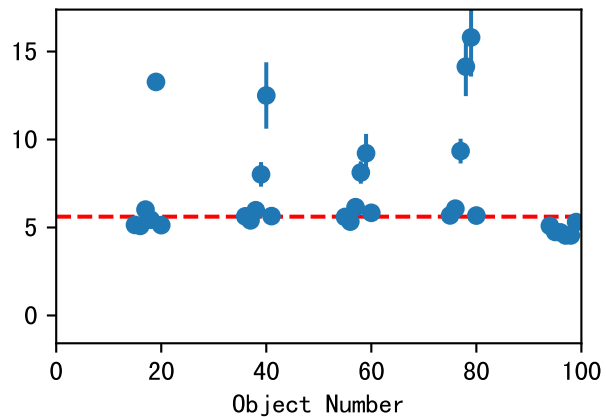
LfL_Q90AbsY (Def=40 Set=39.5)
avg1=39.5~4% avg2=na



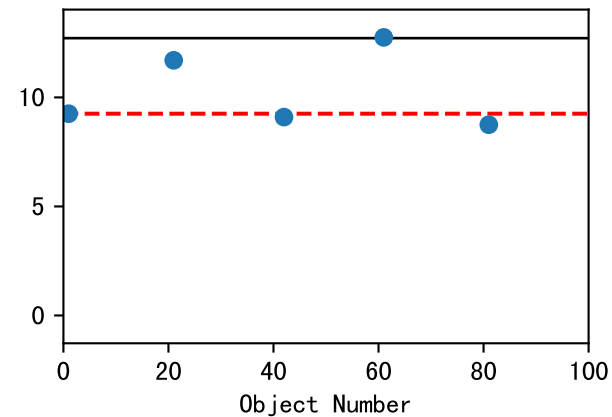
LTA_avgAbsY (Def=na Set=0.03)
avg1=0.03~74% avg2=na



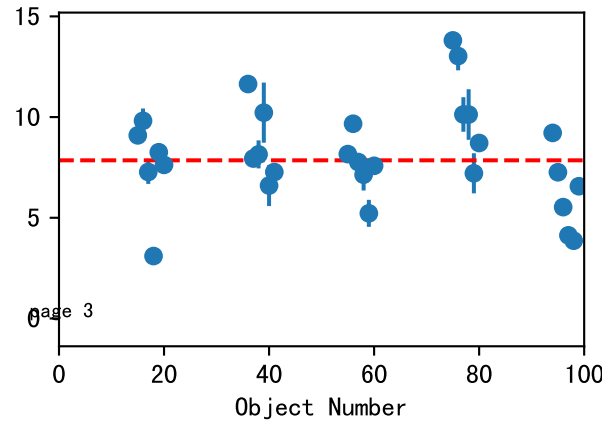
NdL_avgAbsY (Def=na Set=3.62)
avg1=3.62~23% avg2=na



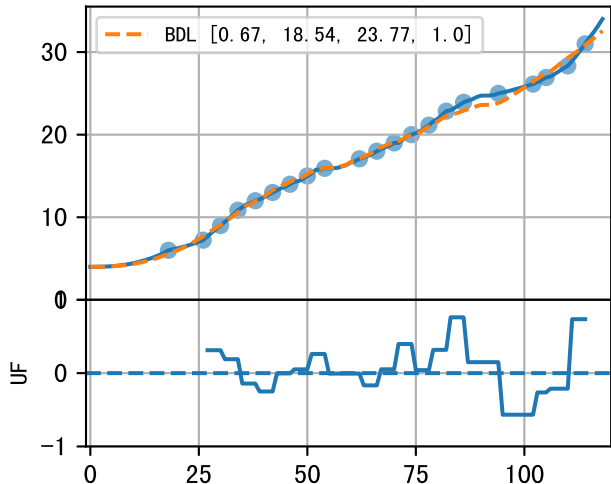
NdV_Q90AbsY (Def=12.72 Set=9.25)
avg1=9.25~19% avg2=na



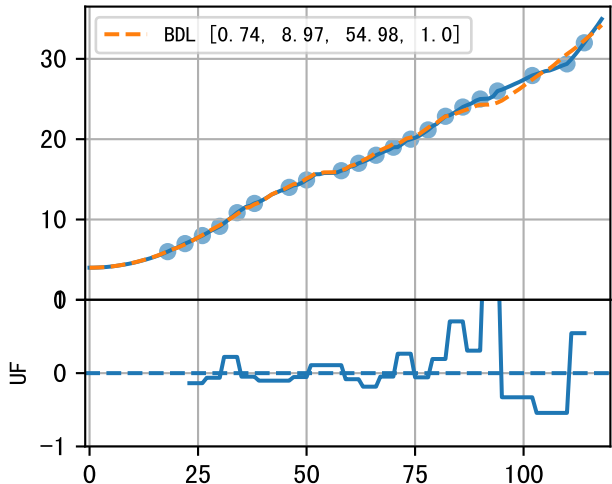
NdV_avgAbsY (Def=na Set=7.85)
avg1=7.85~26% avg2=na



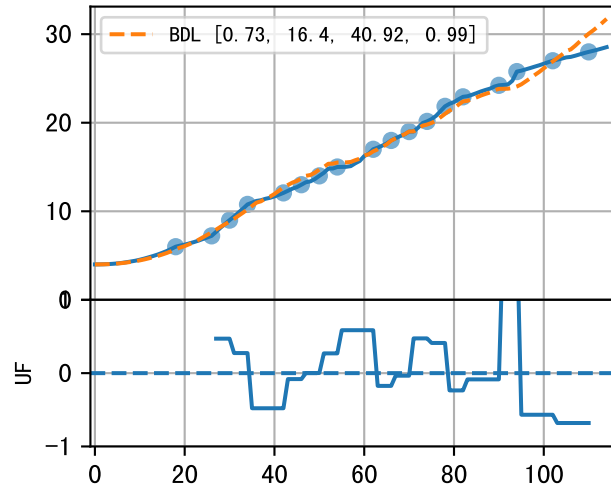
P10AW-004-12 (fit failed)



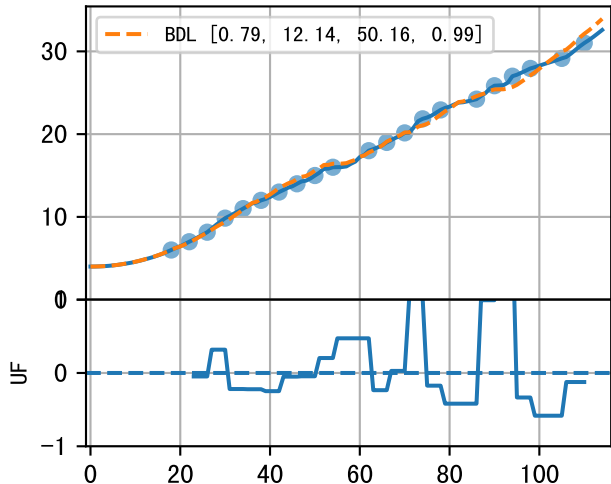
P10AW-010-25 (fit failed)



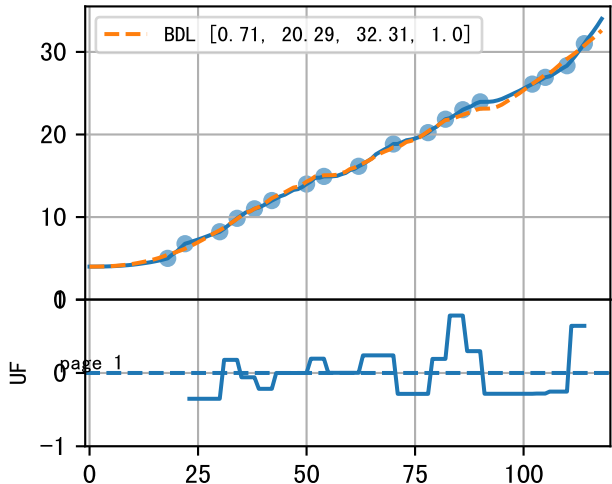
P10AW-017-16 (fit failed)



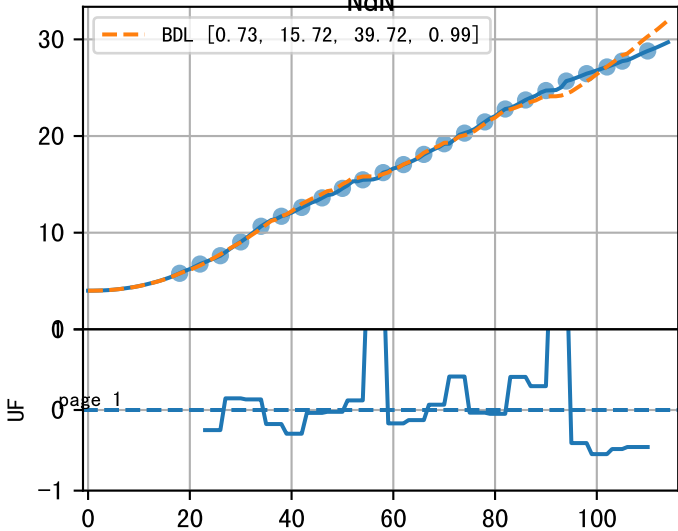
P10AW-025-3 (fit failed)

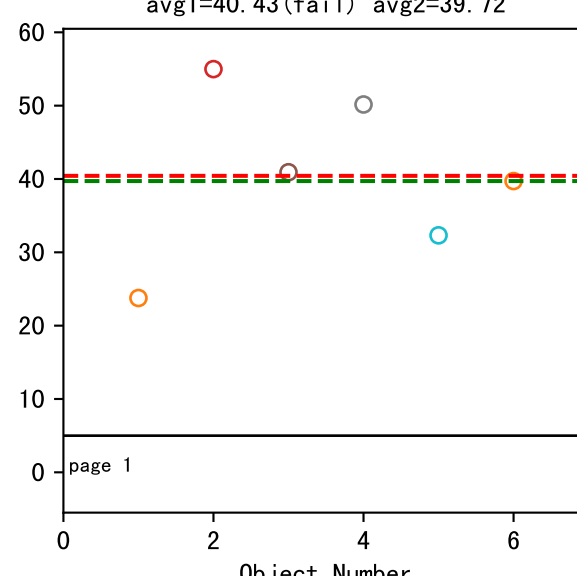
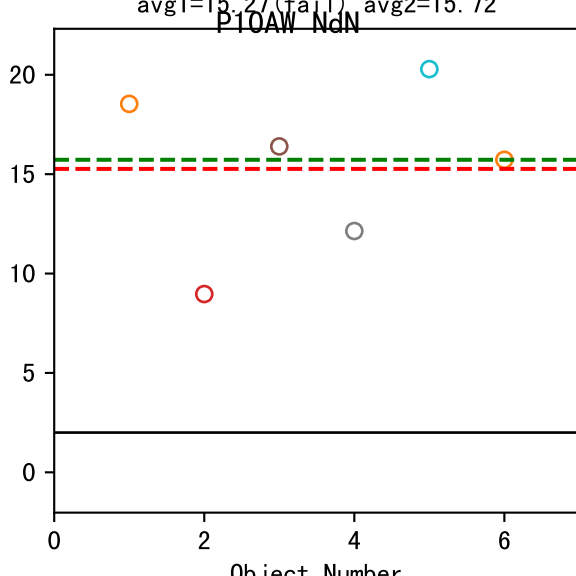
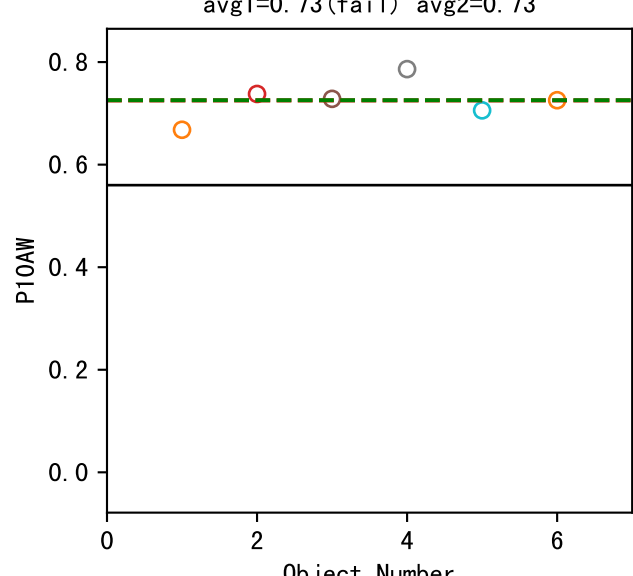


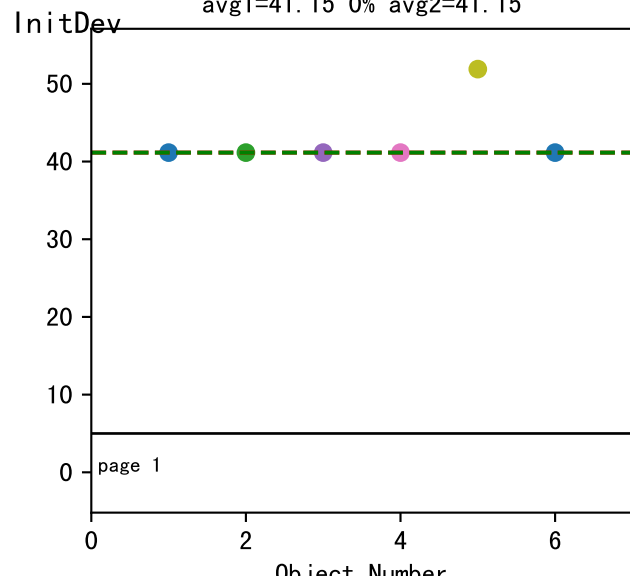
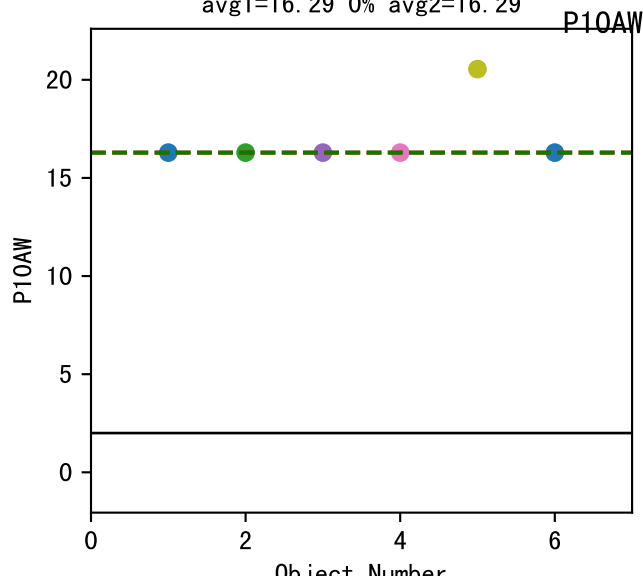
P10AW-032-33 (fit failed)



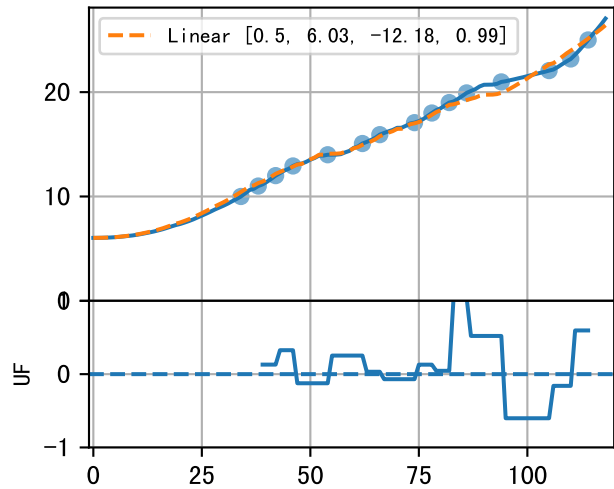
PIOWavg (left tailed)
NdN



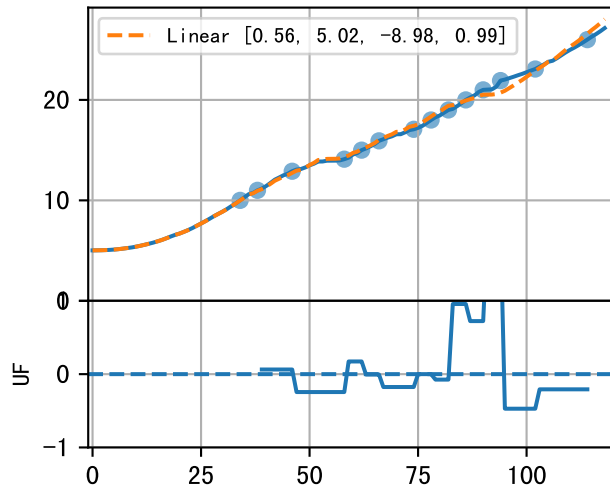




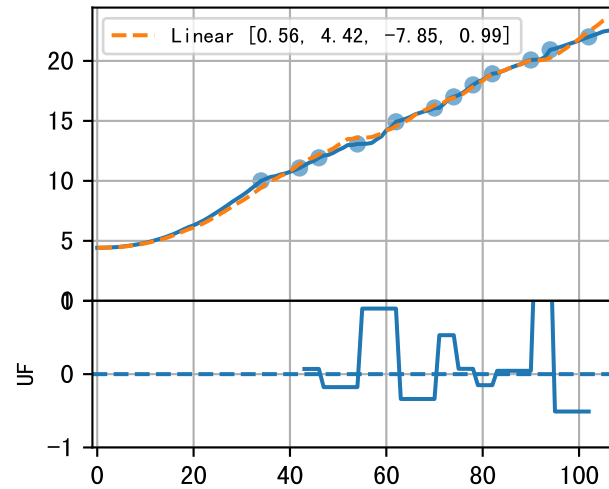
P10AW-004-12



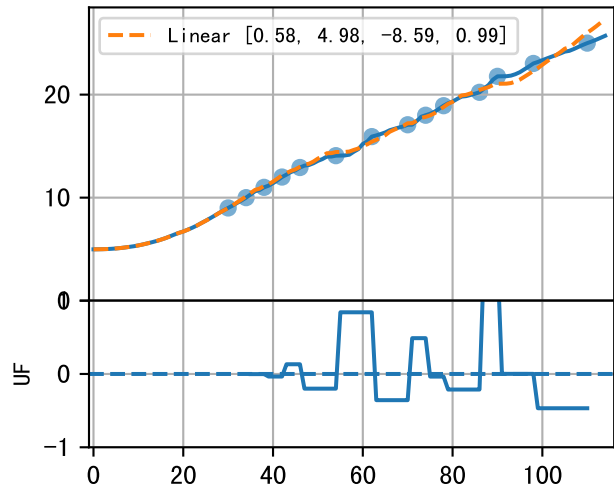
P10AW-010-25



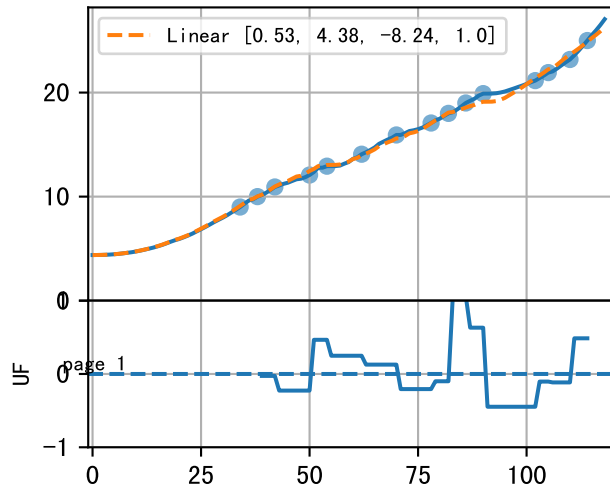
P10AW-017-16



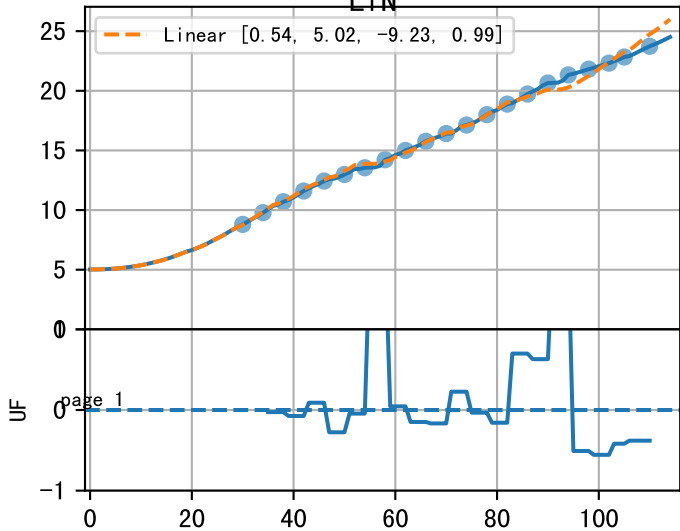
P10AW-025-3

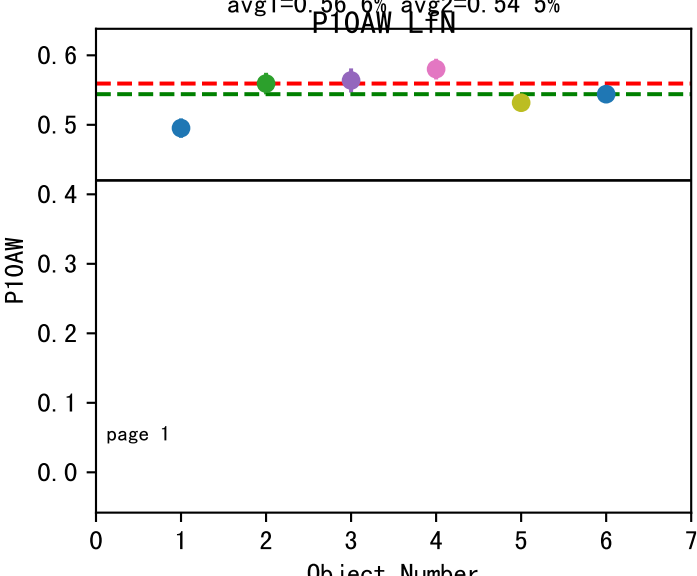


P10AW-032-33

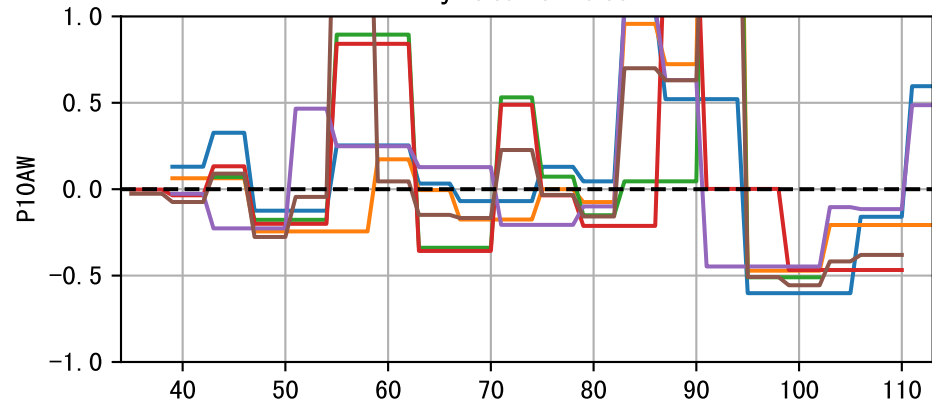


PTUavg
Lfn

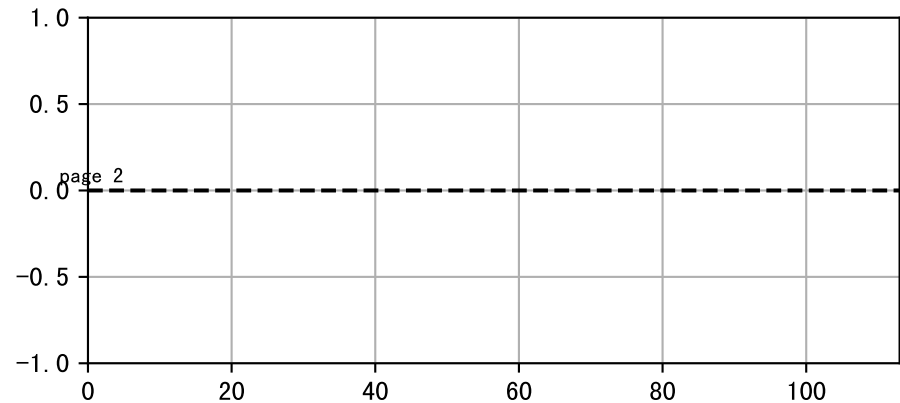
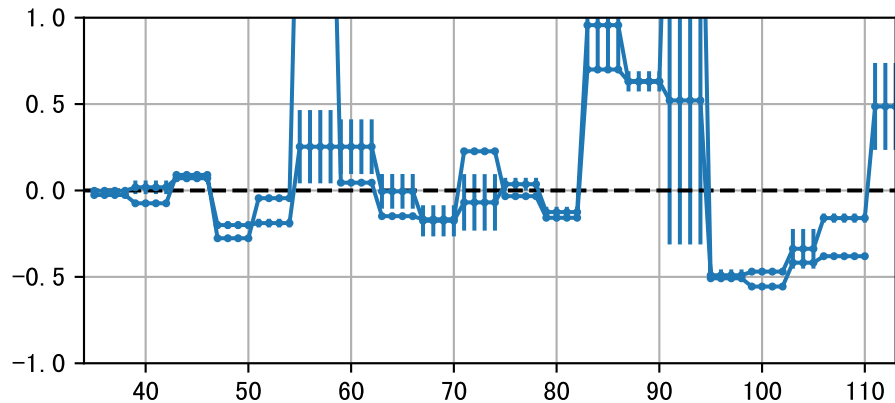
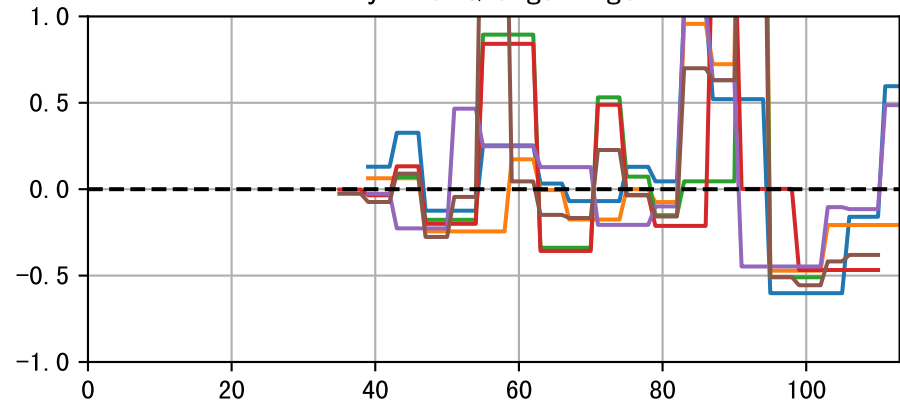




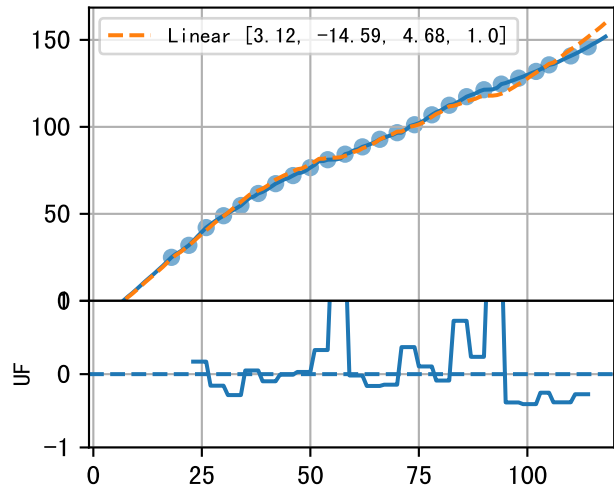
By Start Date



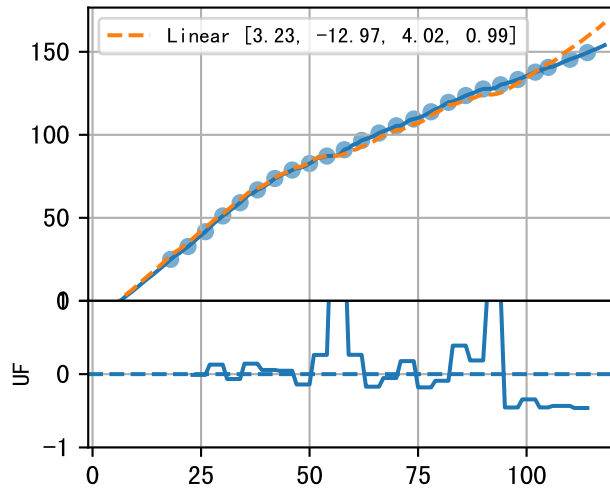
By Plant/Organ Age



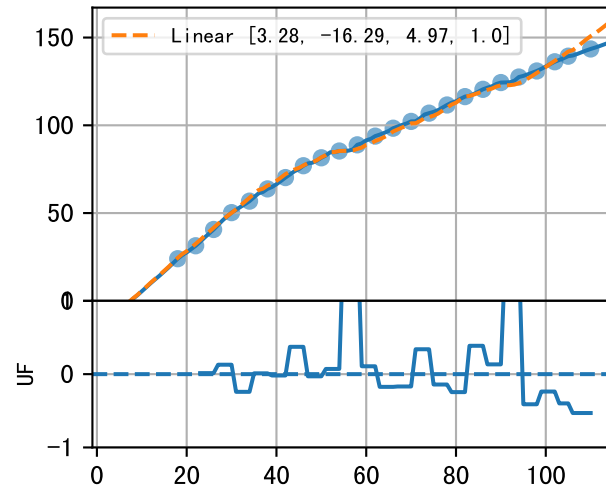
P10AW-004-12



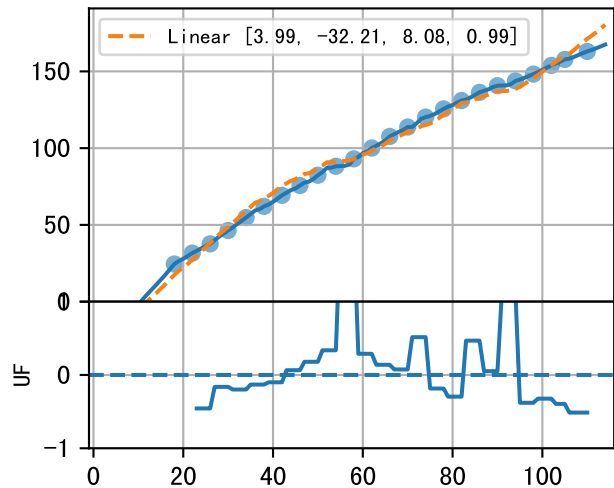
P10AW-010-25



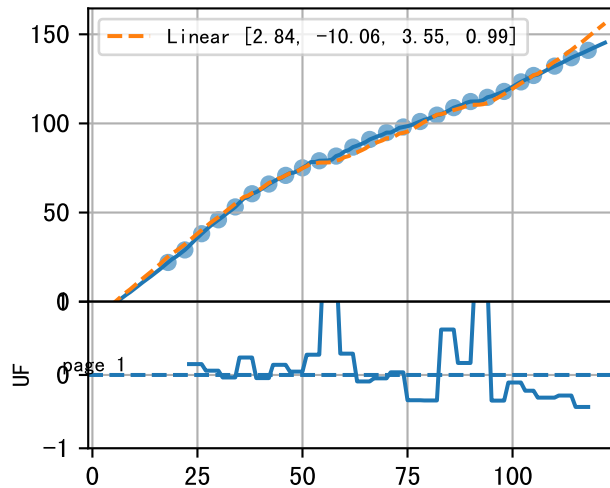
P10AW-017-16



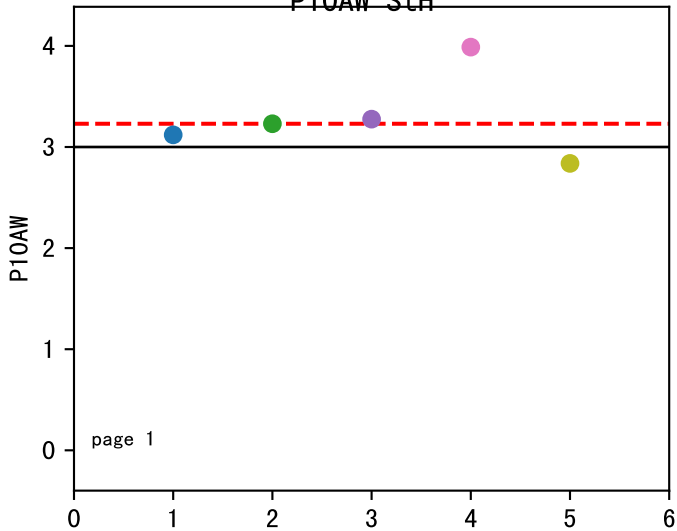
P10AW-025-3



P10AW-032-33

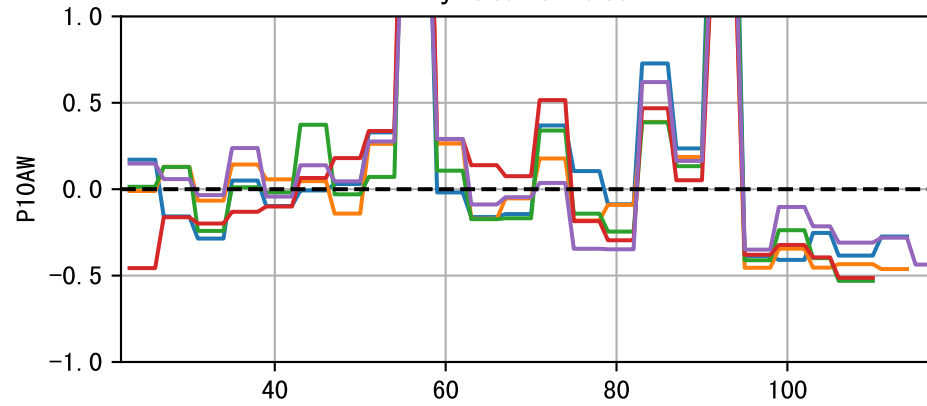


avg1=3.23, 2% avg2=na
P10AW StH

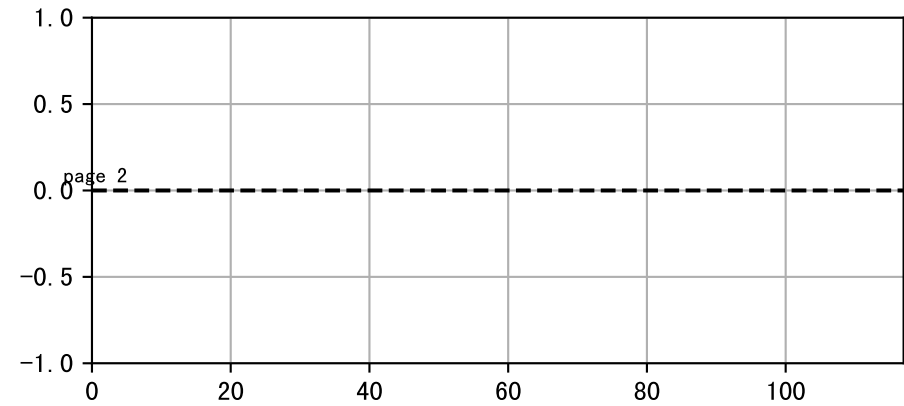
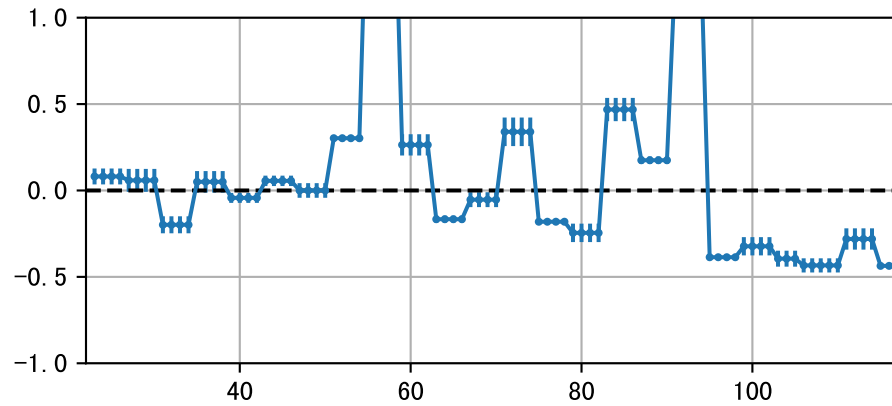
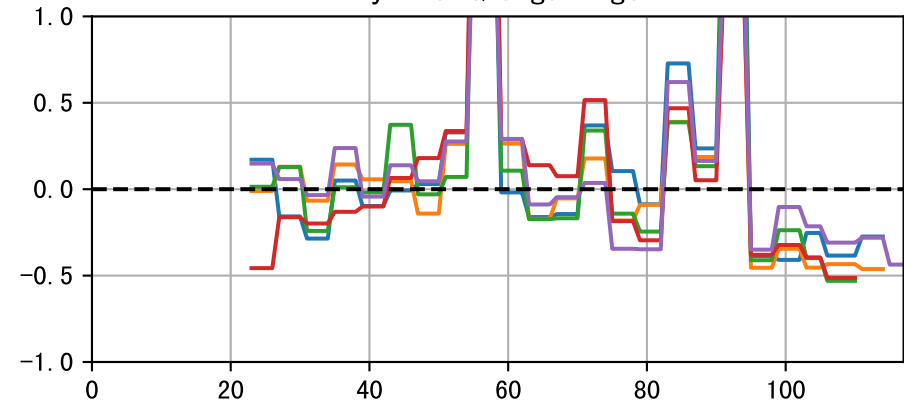


page 1

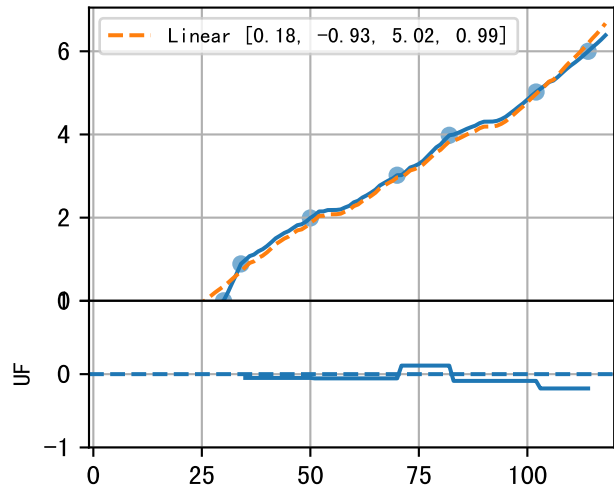
By Start Date



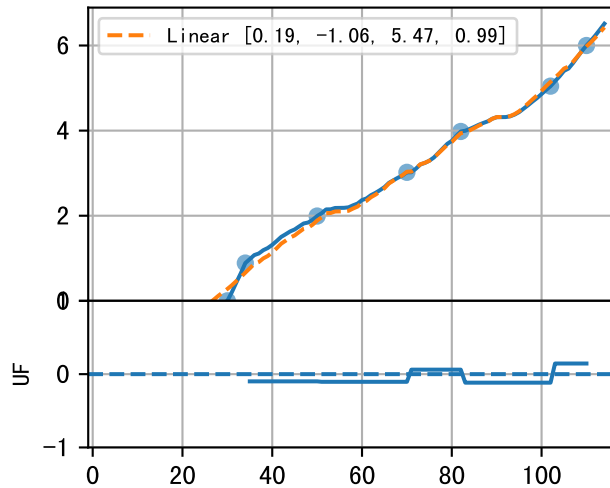
By Plant/Organ Age



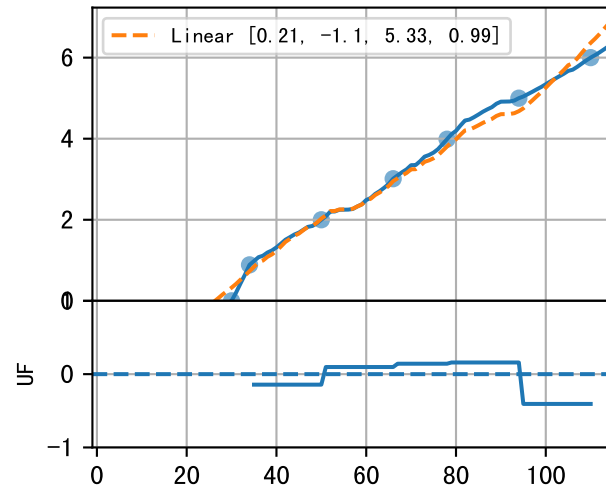
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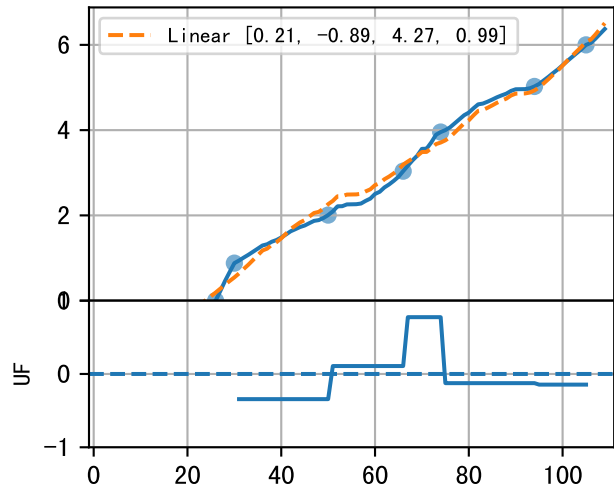
P10AW-010-25



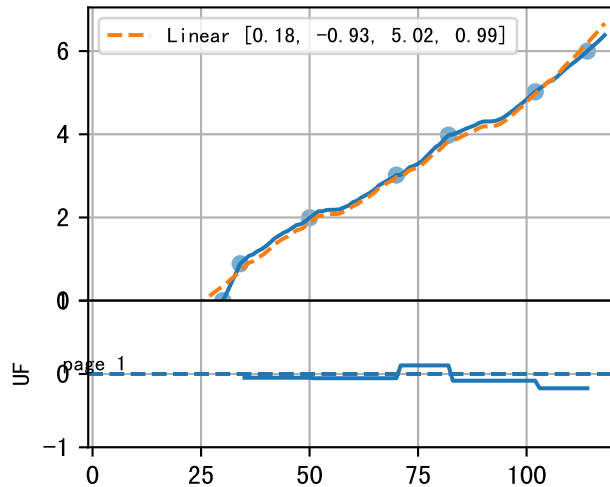
P10AW-017-16



P10AW-025-3



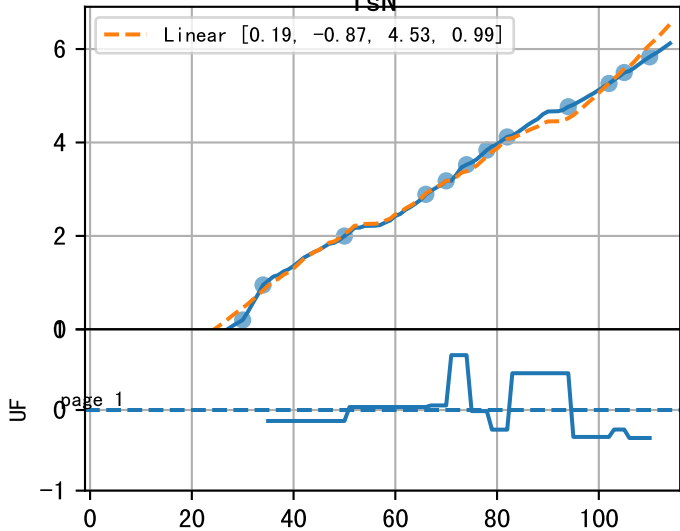
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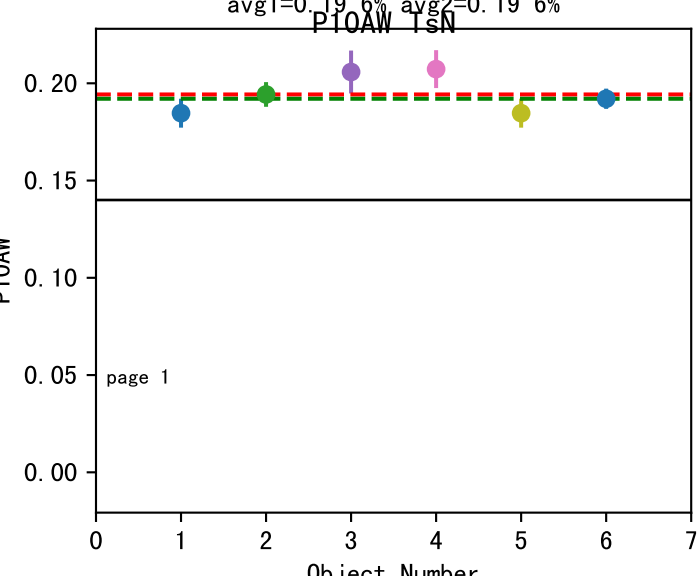
PTUavg

TsN

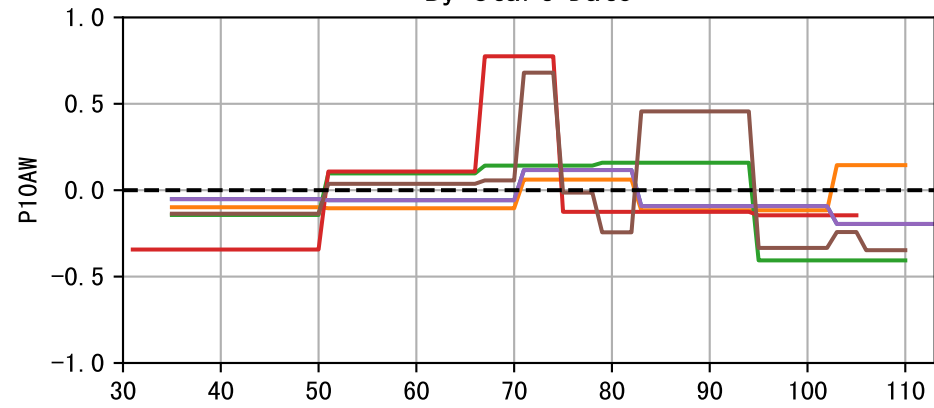
Linear [0.19, -0.87, 4.53, 0.99]



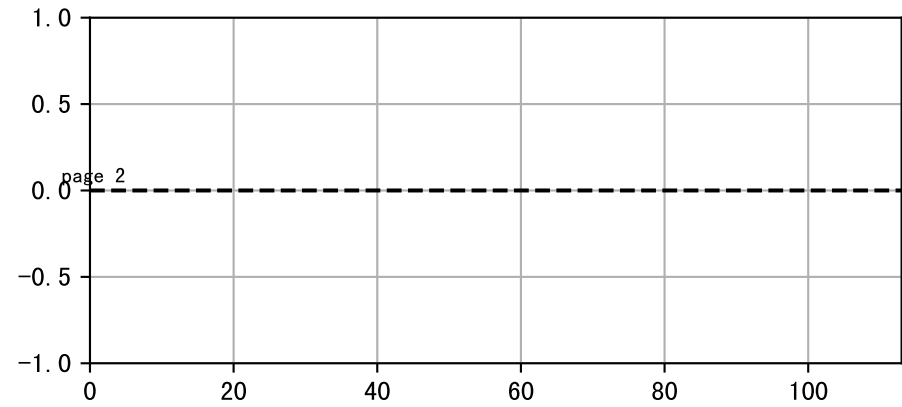
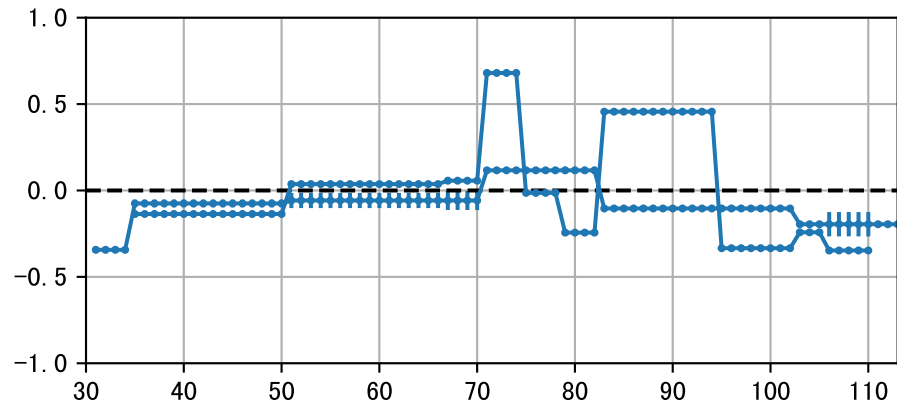
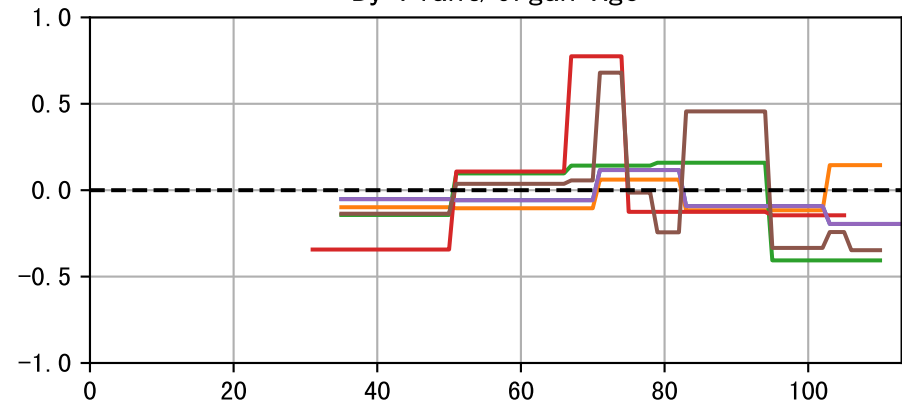
page 1

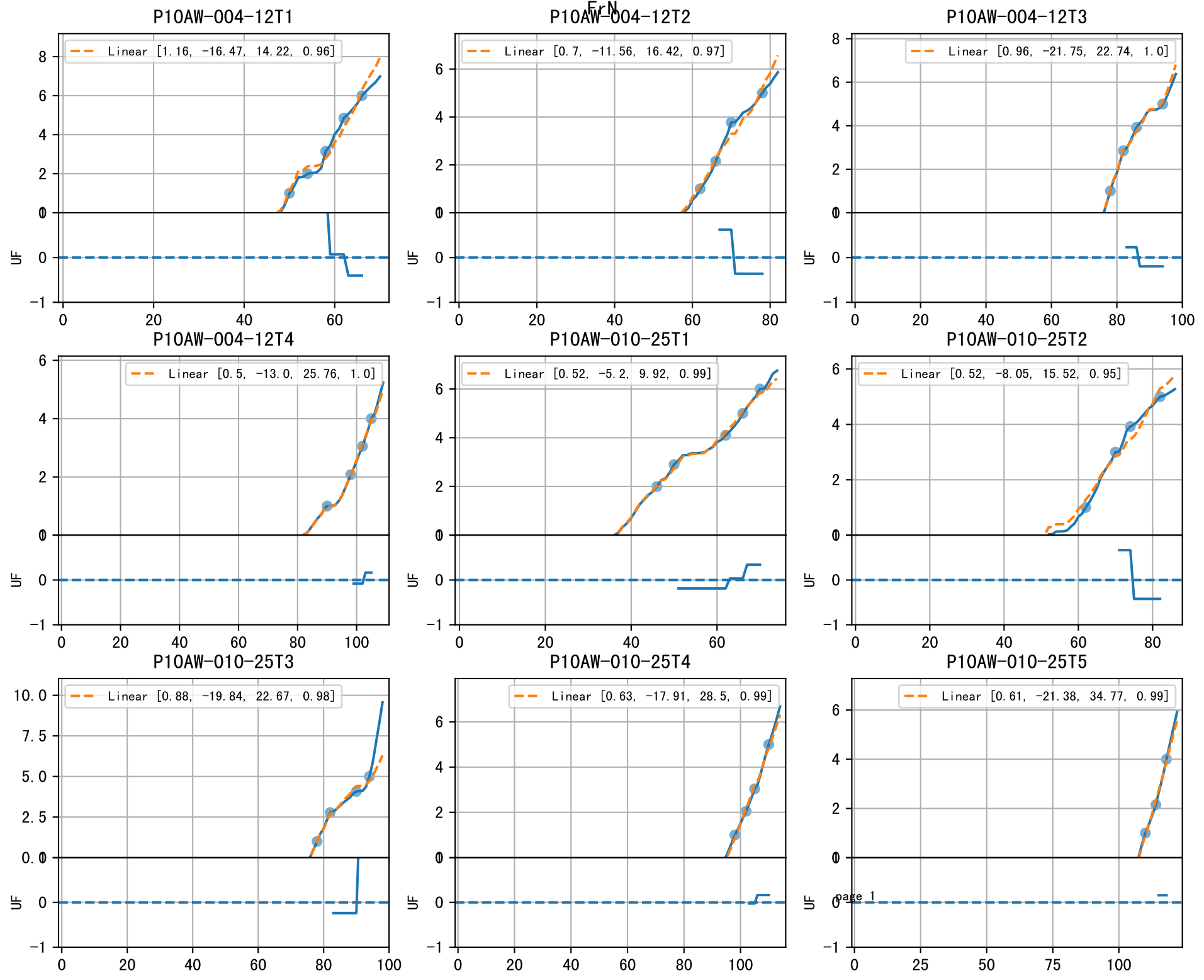


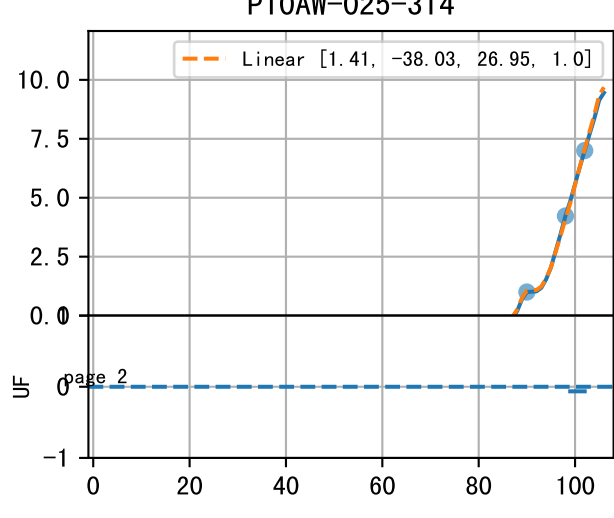
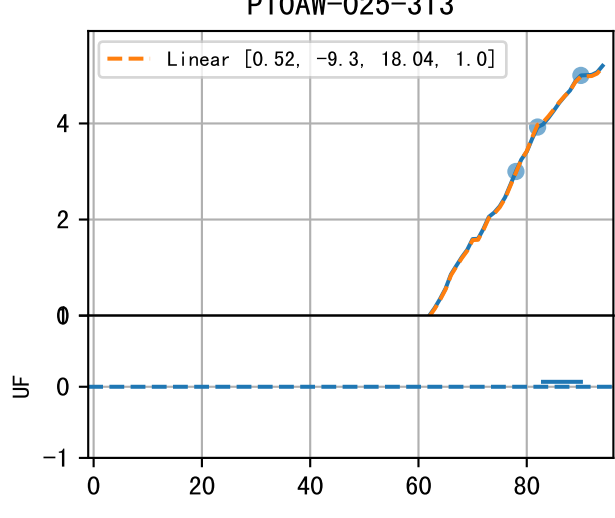
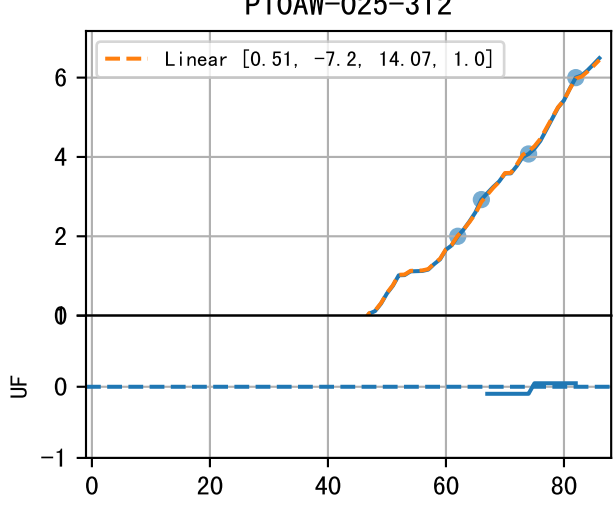
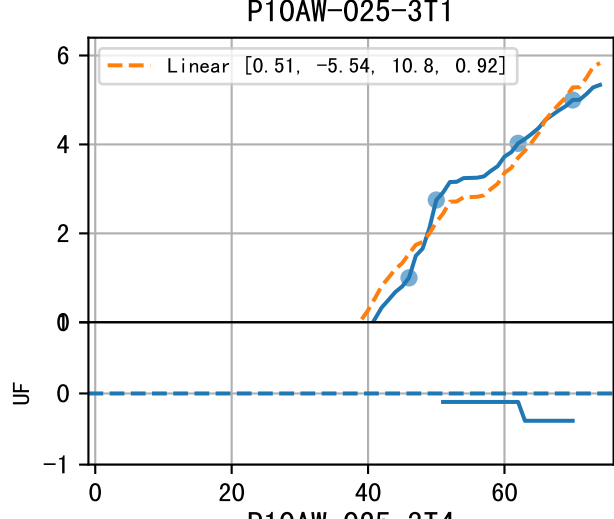
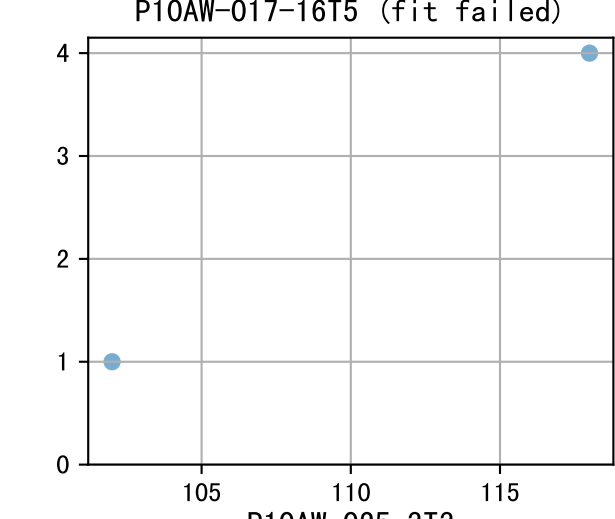
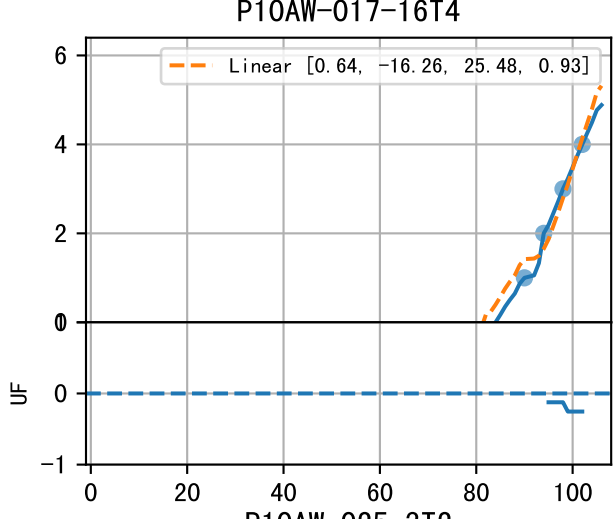
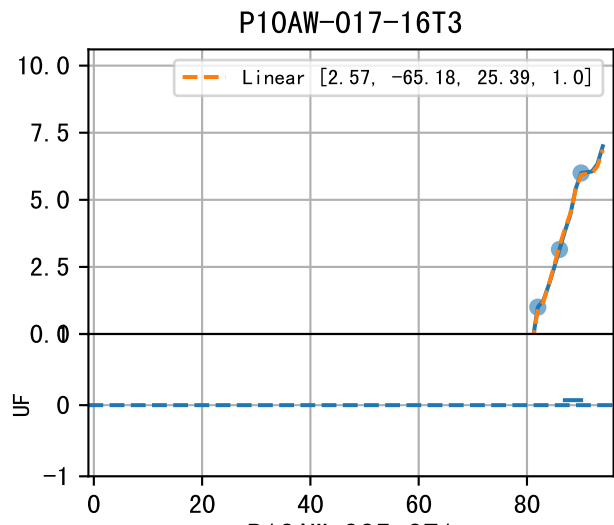
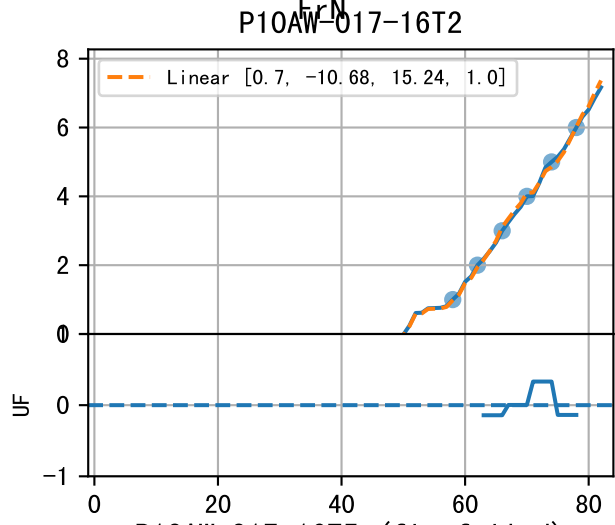
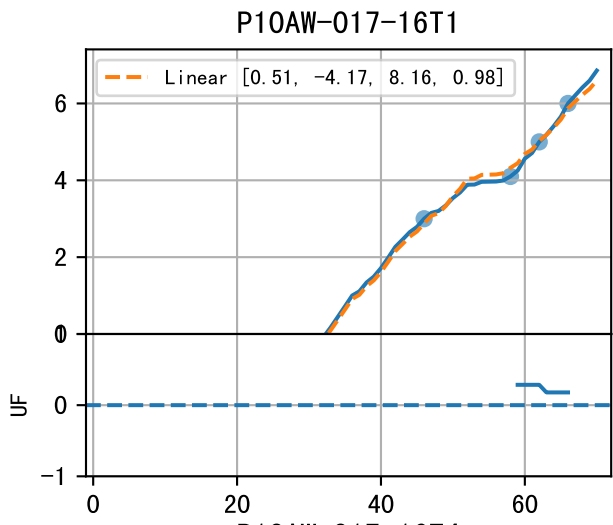
By Start Date



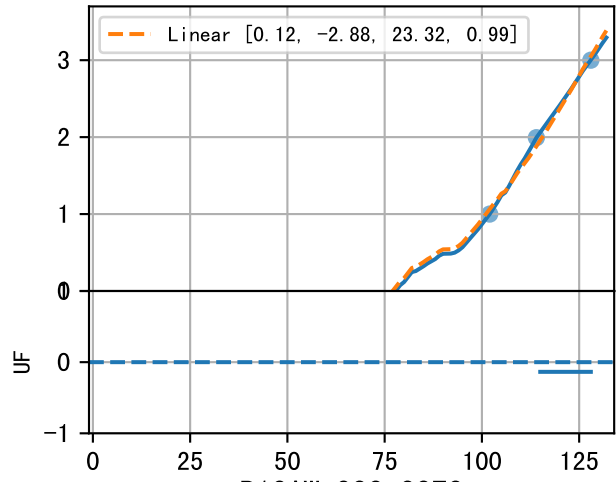
By Plant/Organ Age



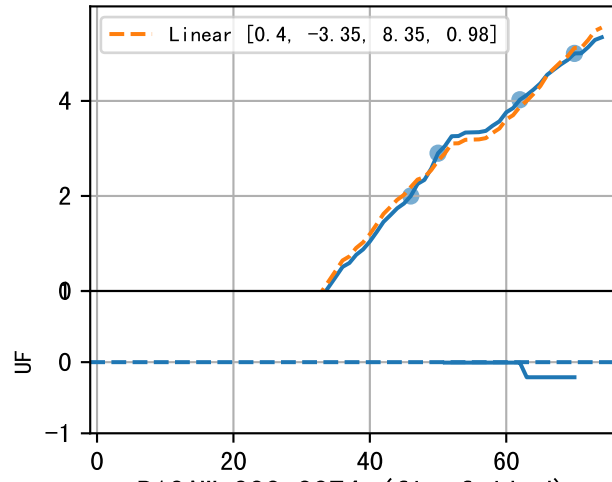




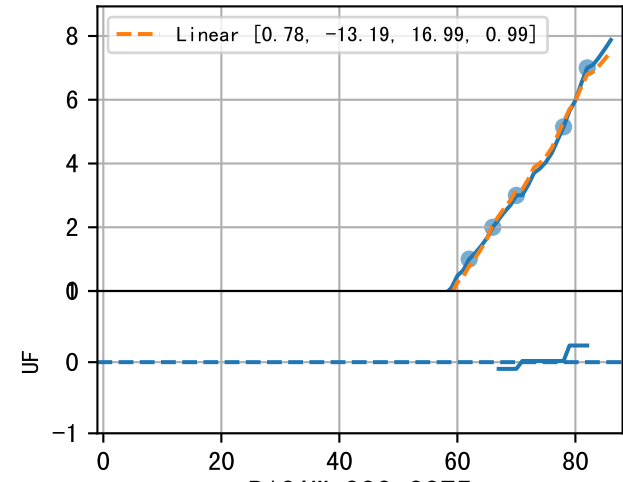
P10AW-025-3T5



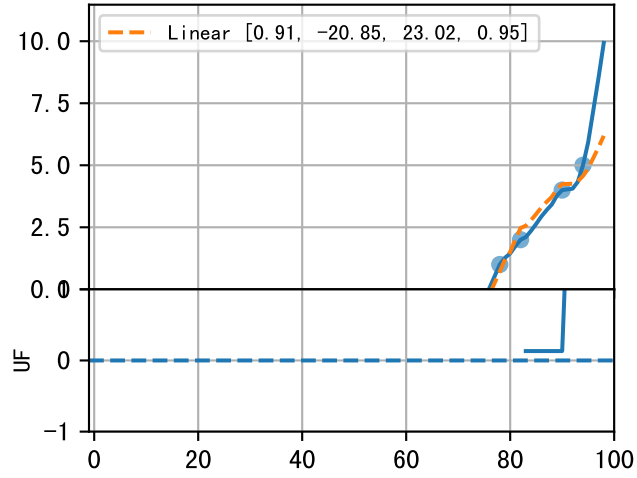
P10AW-032-33T1



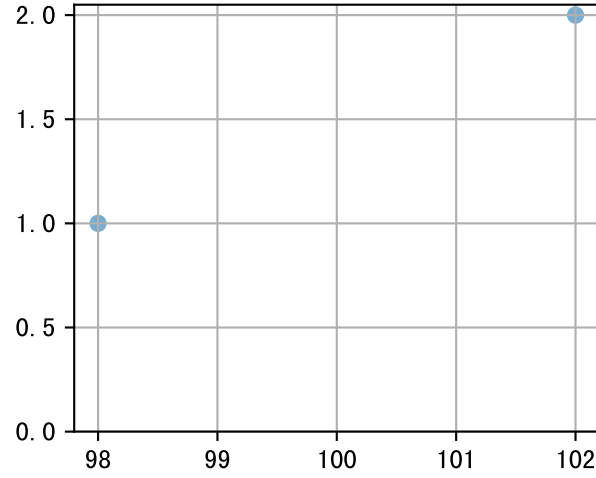
P10AW-032-33T2



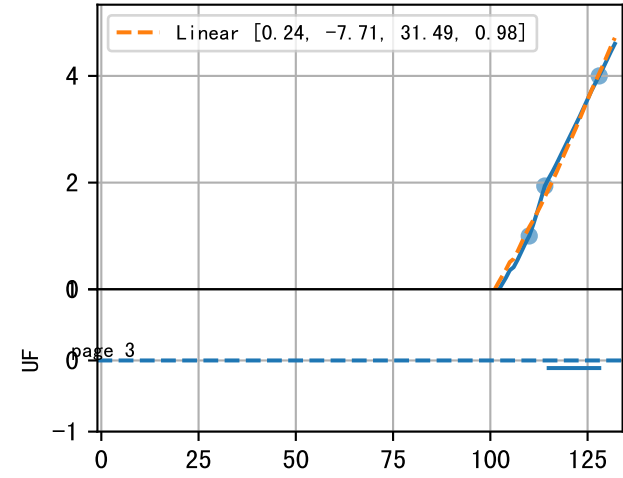
P10AW-032-33T3



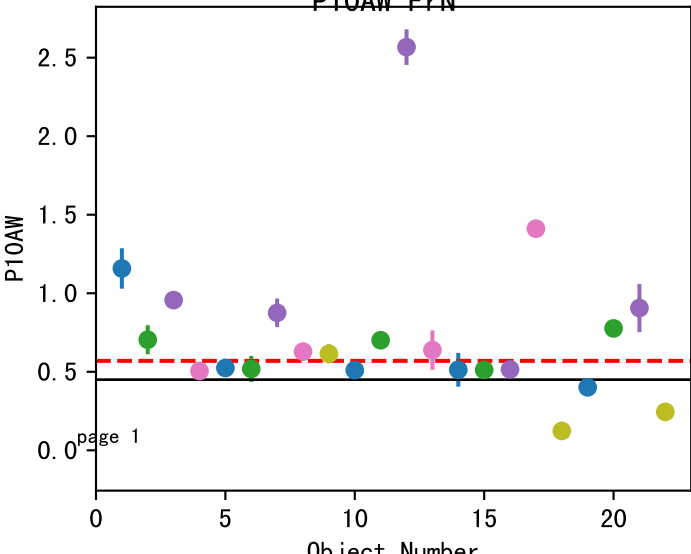
P10AW-032-33T4 (fit failed)



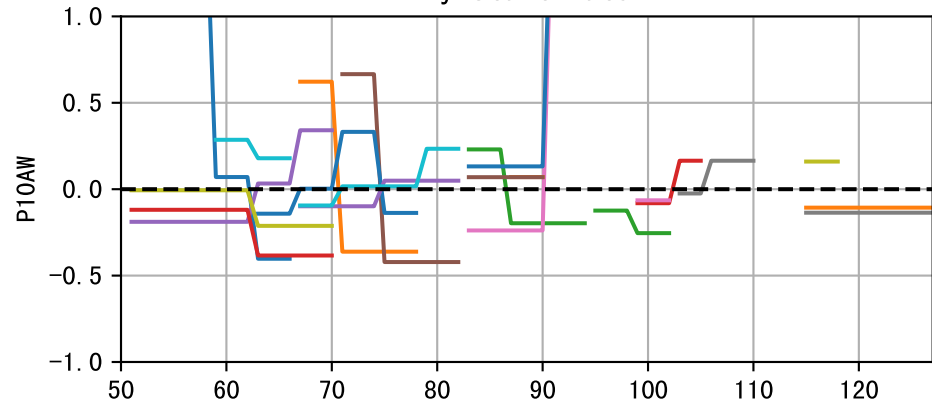
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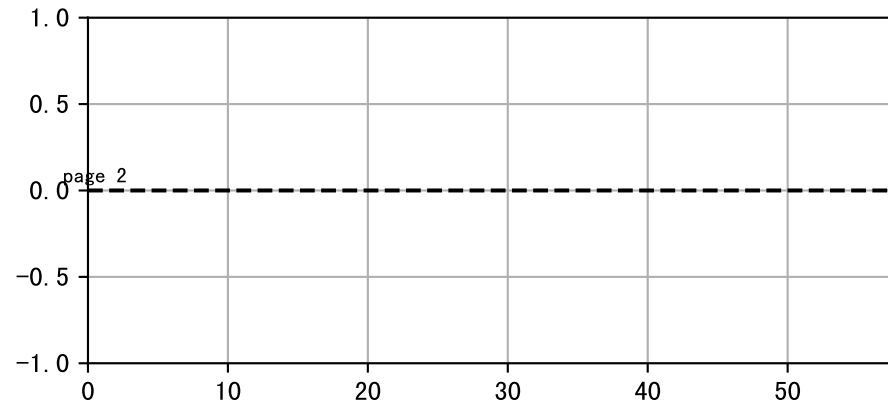
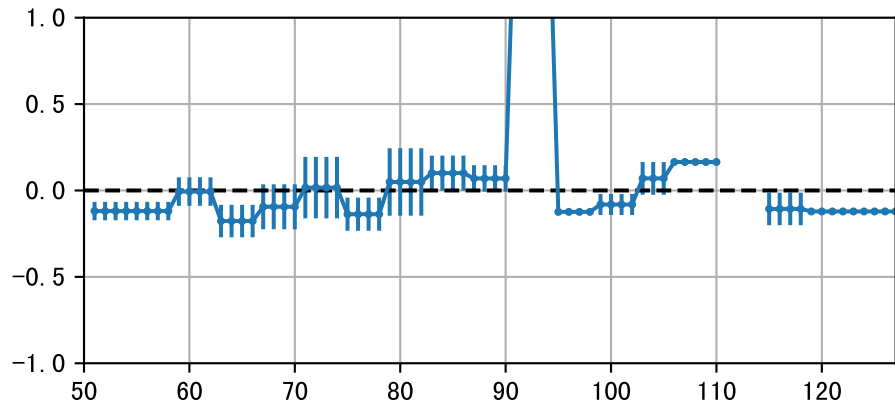
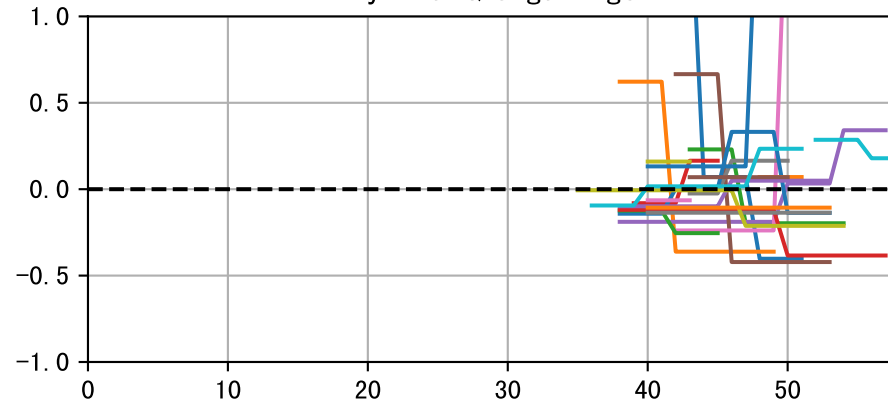
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P10AW FrN

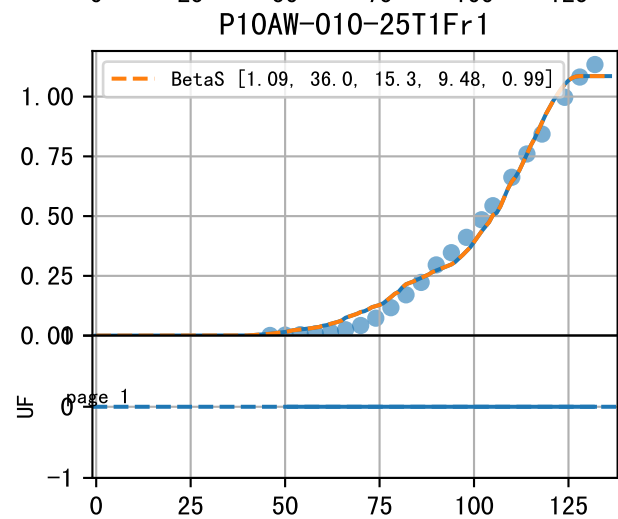
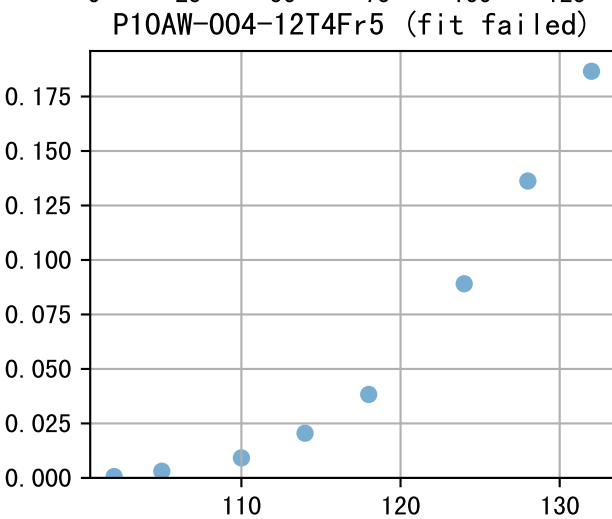
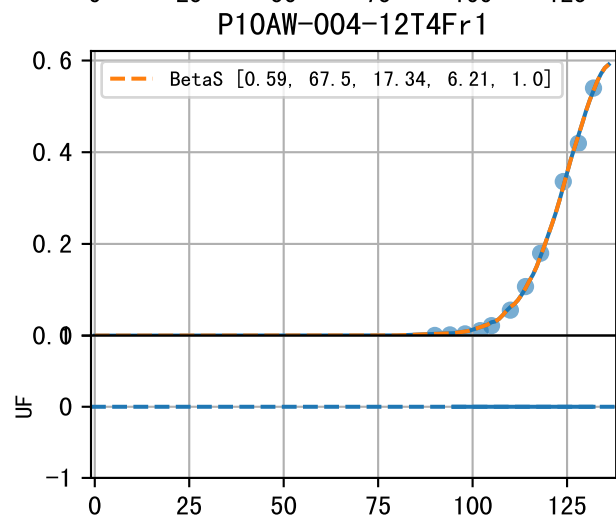
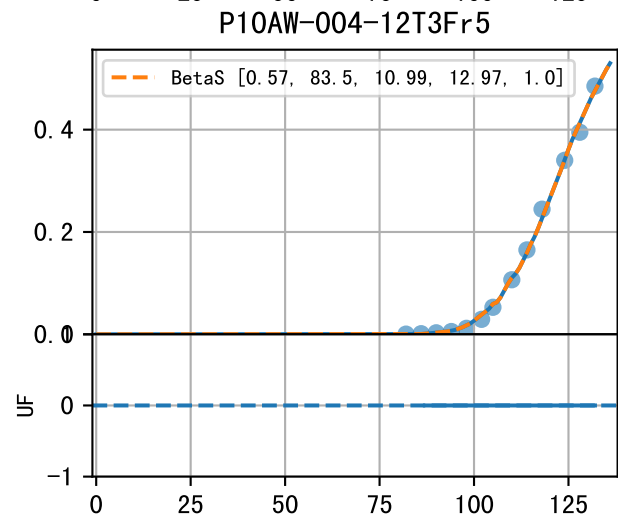
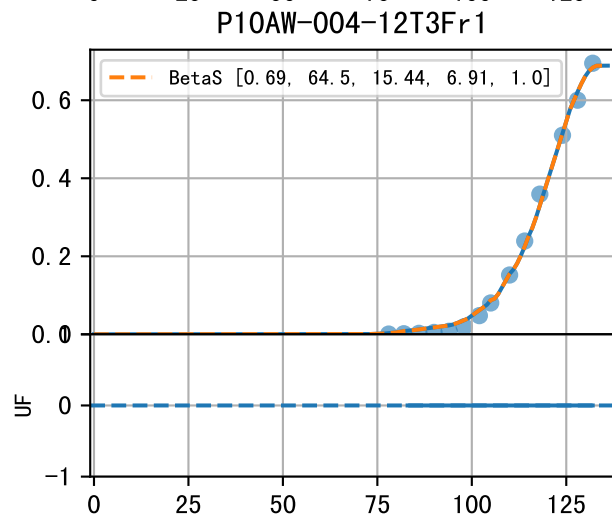
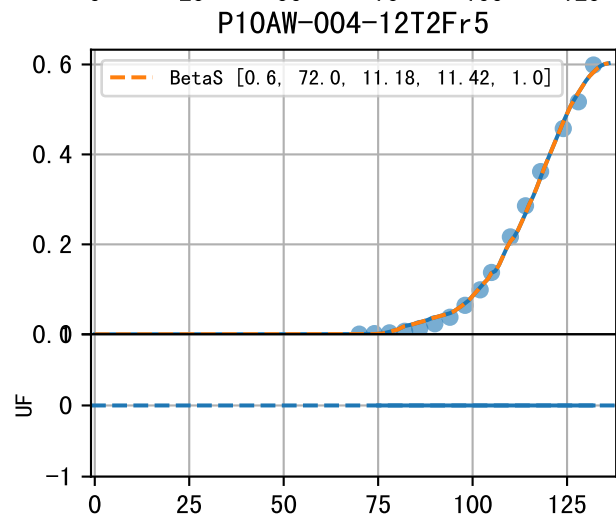
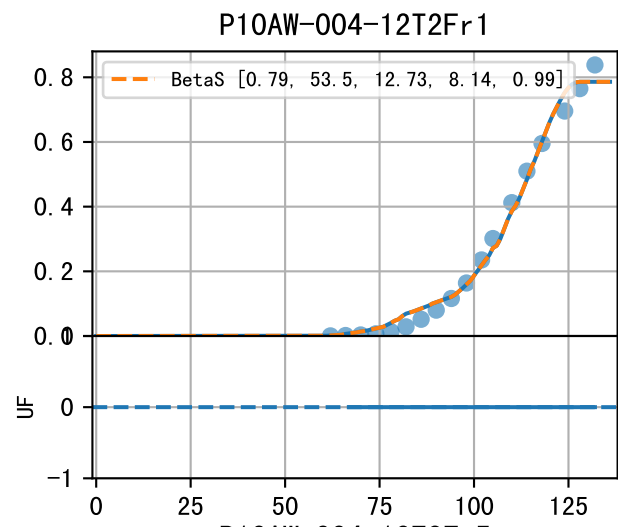
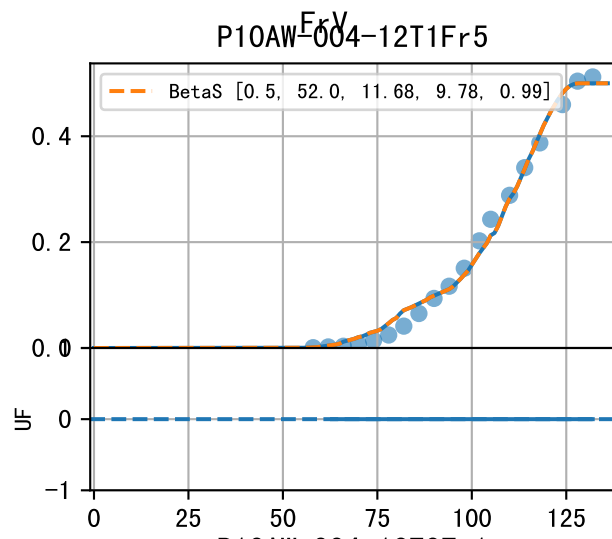
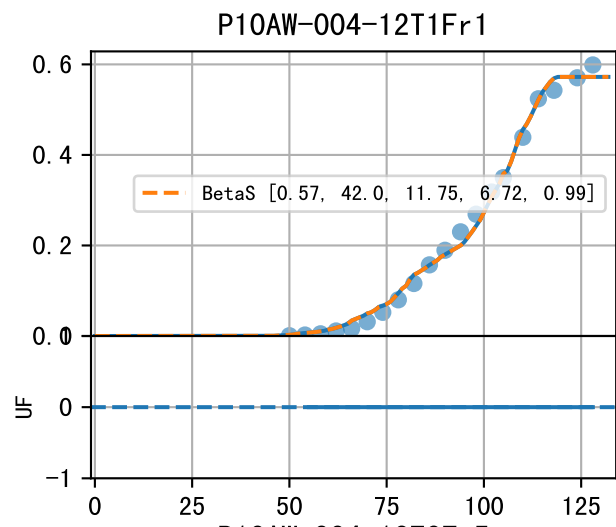


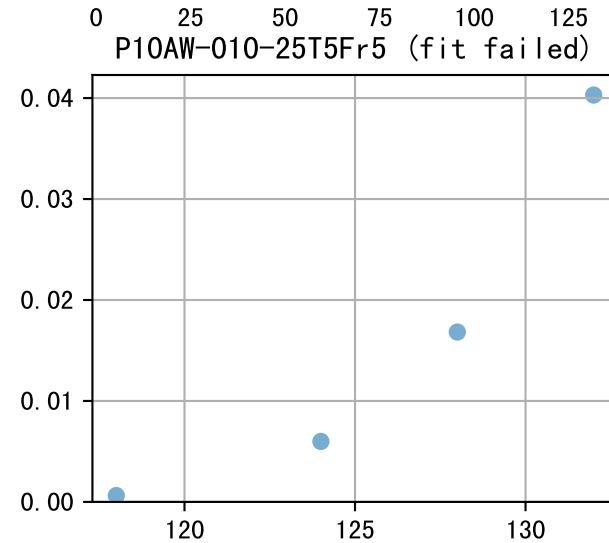
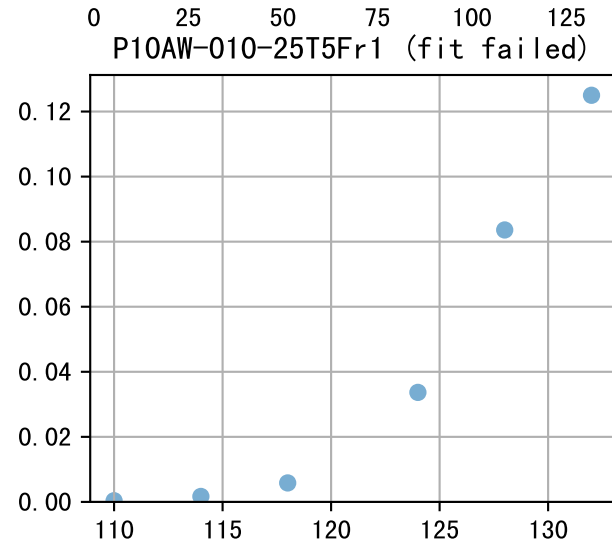
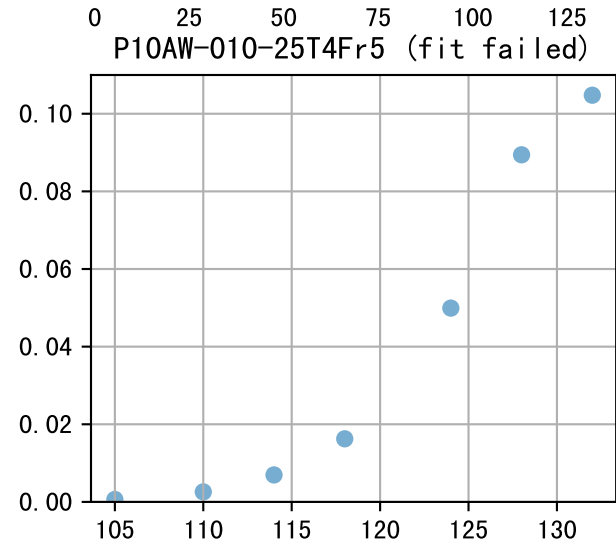
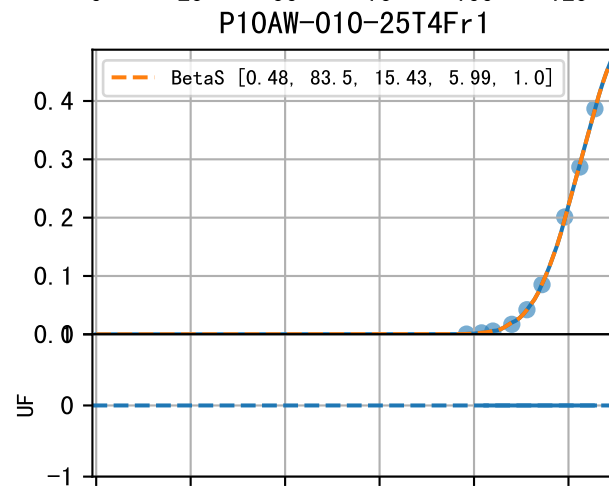
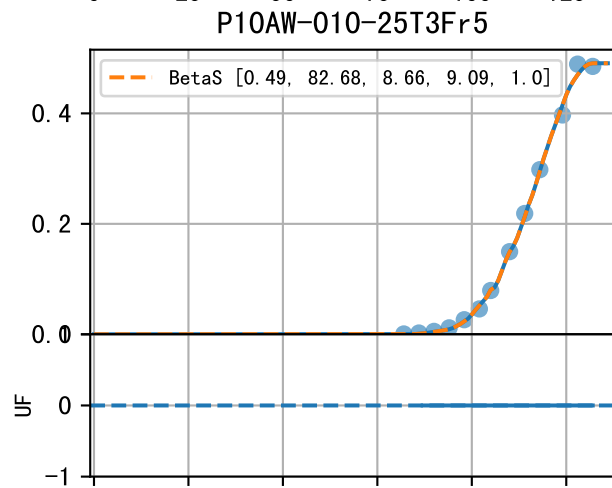
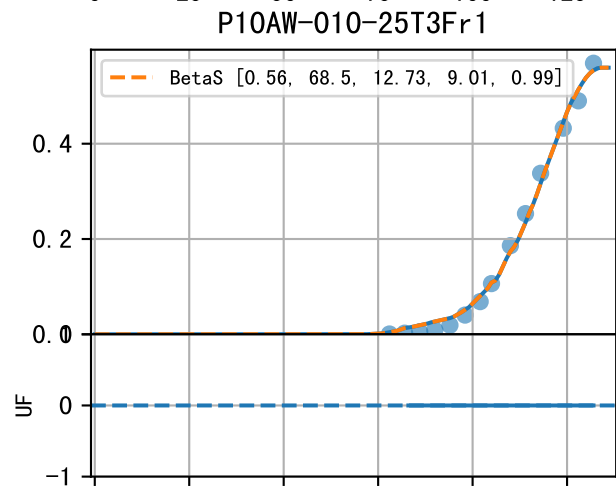
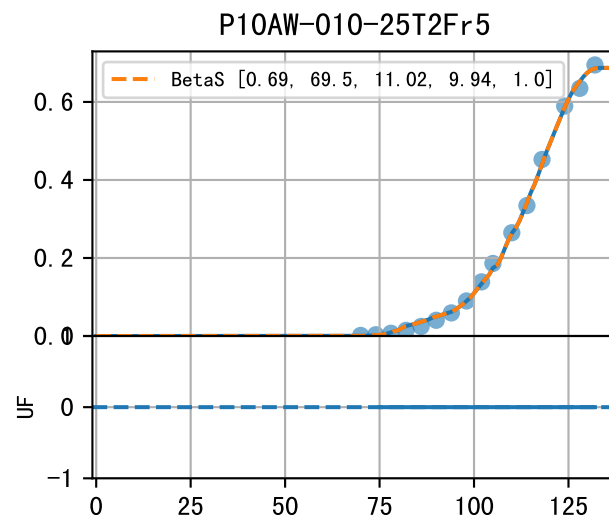
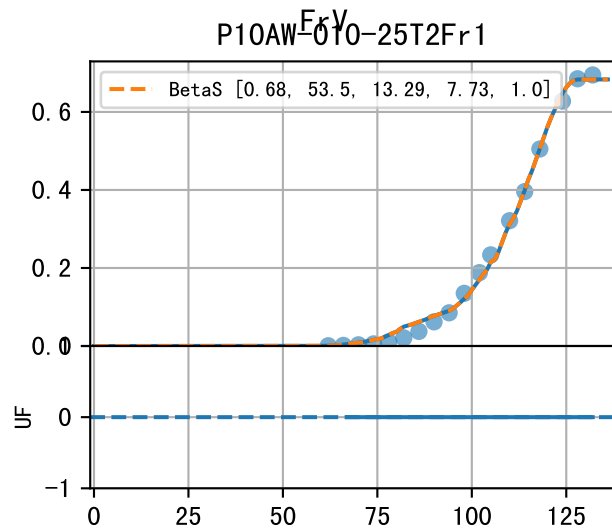
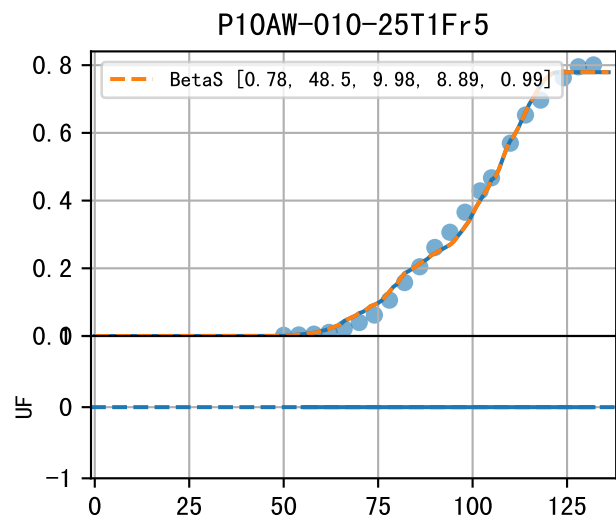
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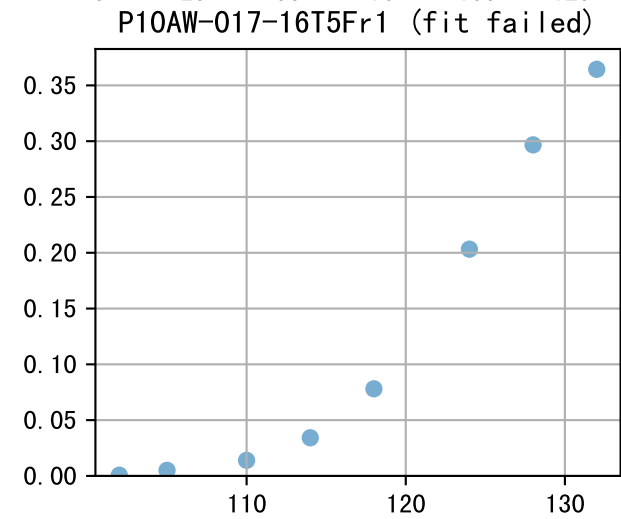
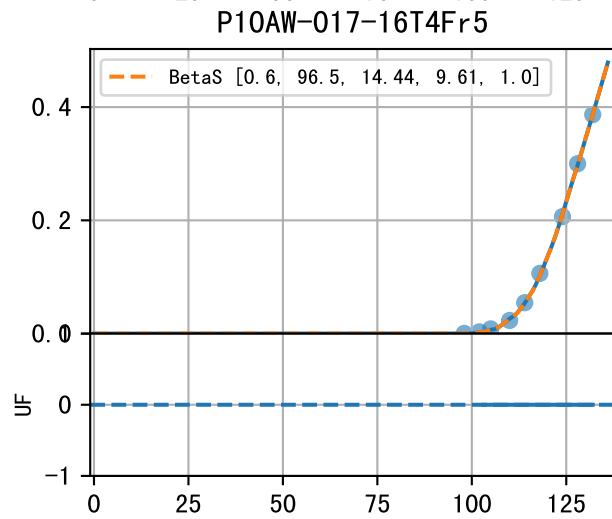
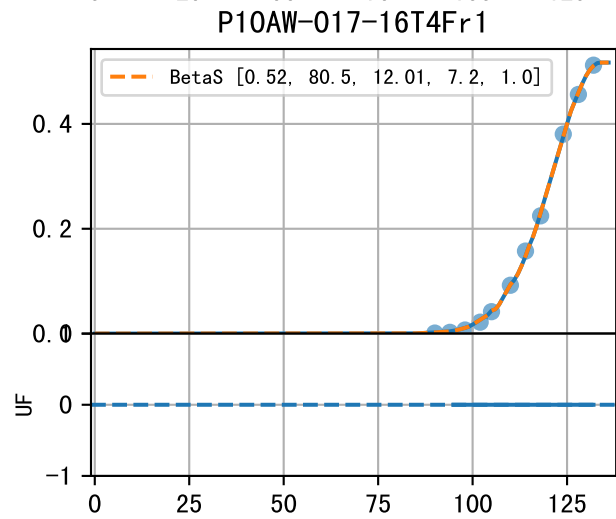
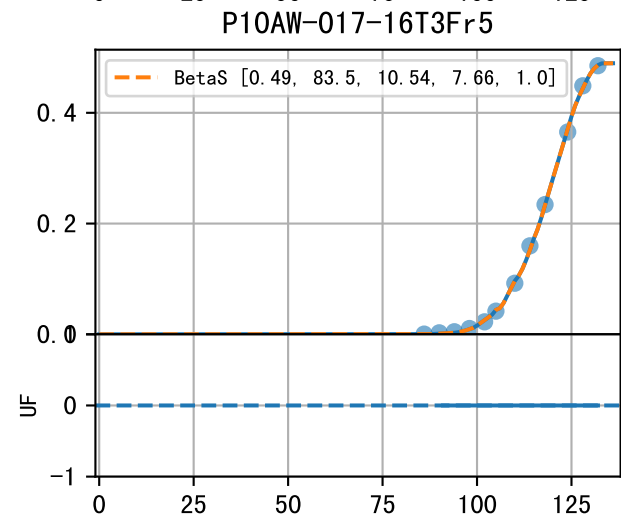
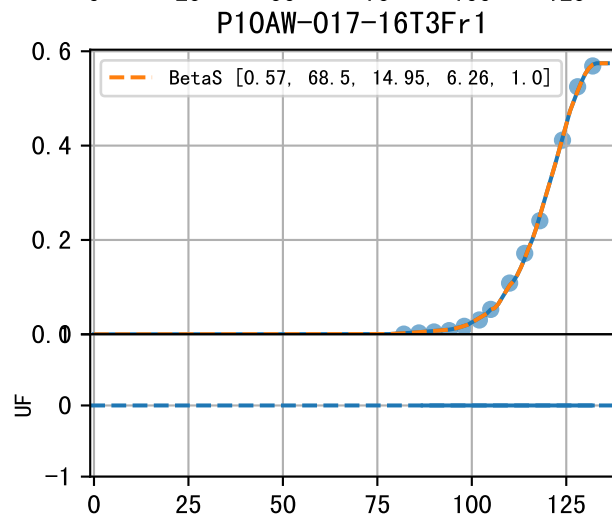
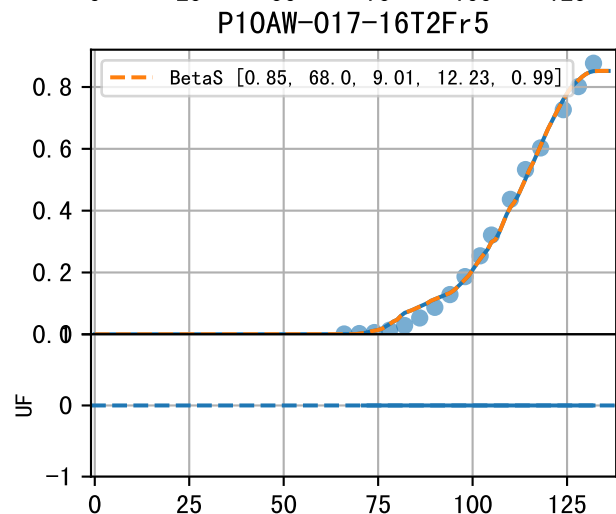
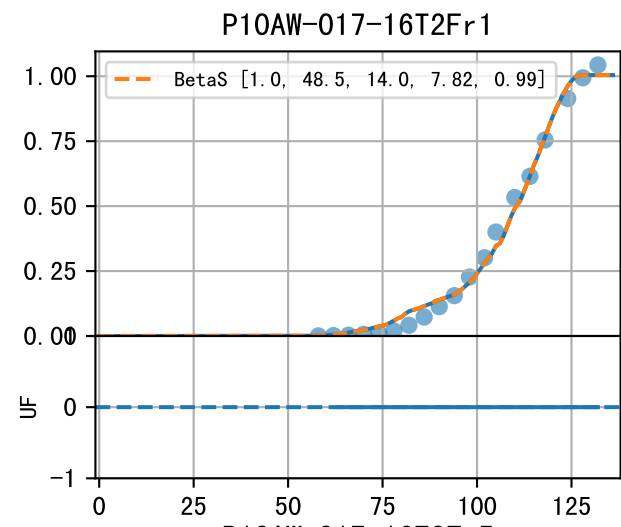
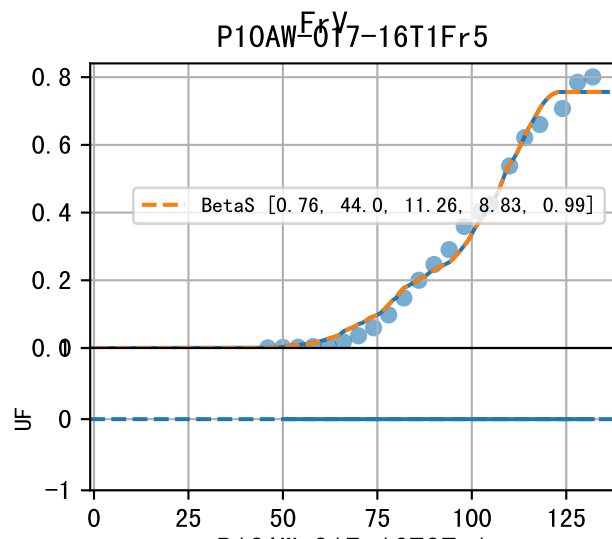
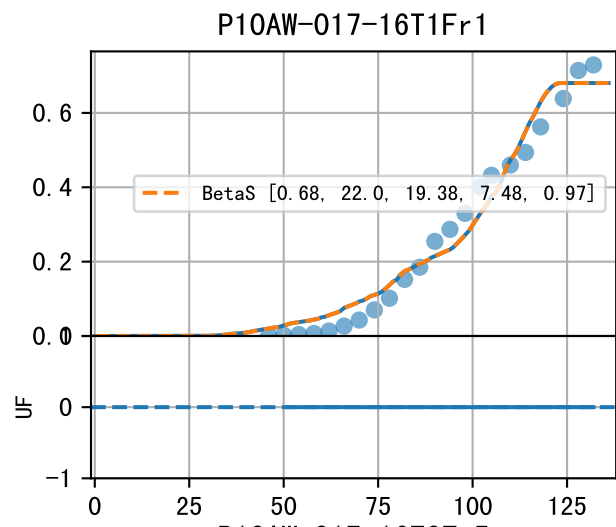


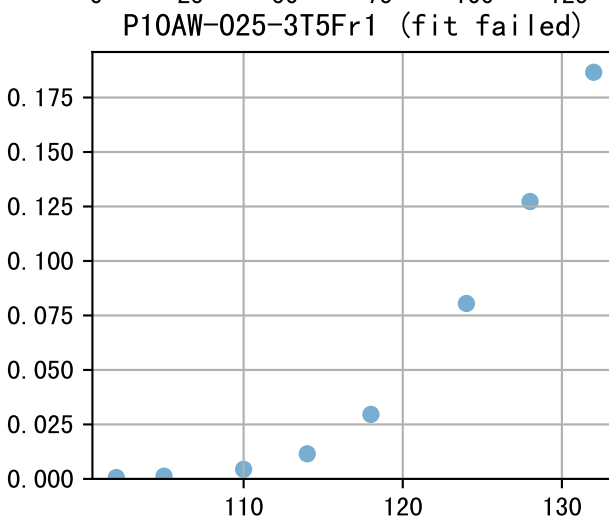
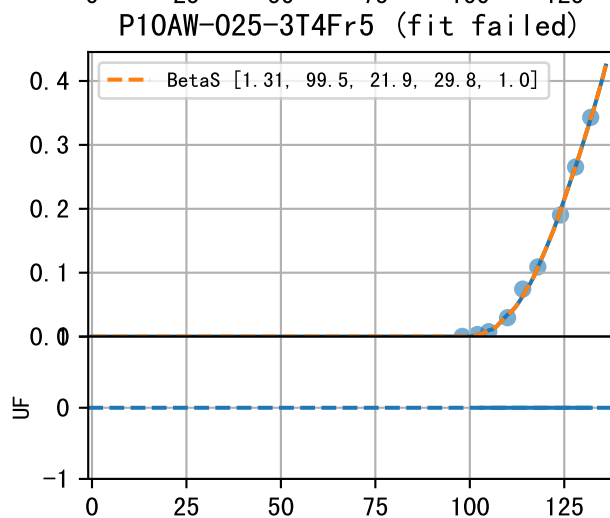
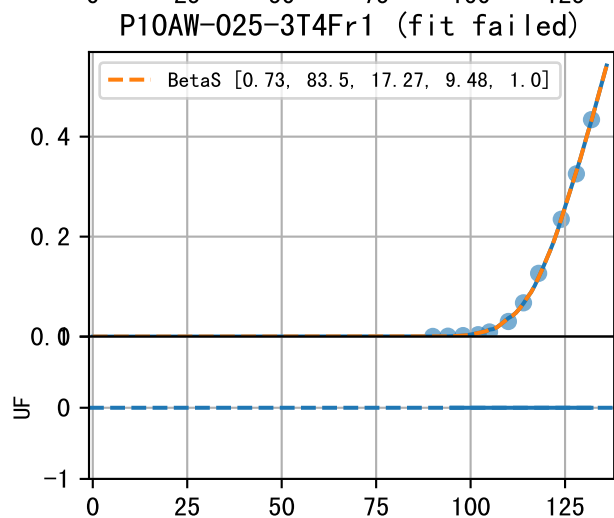
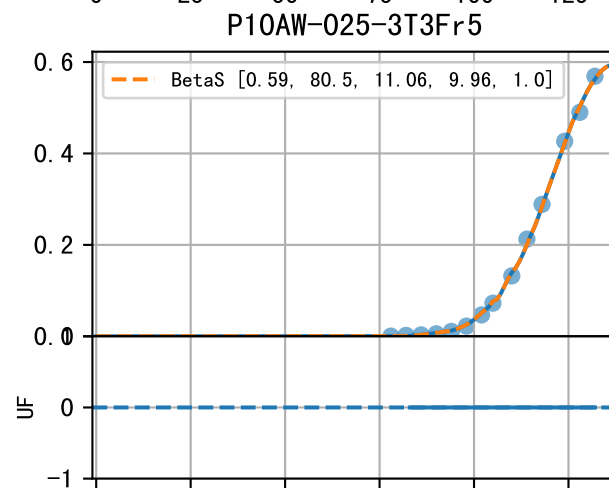
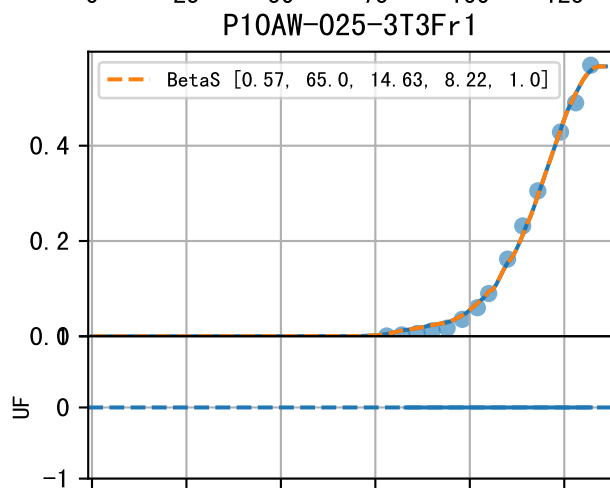
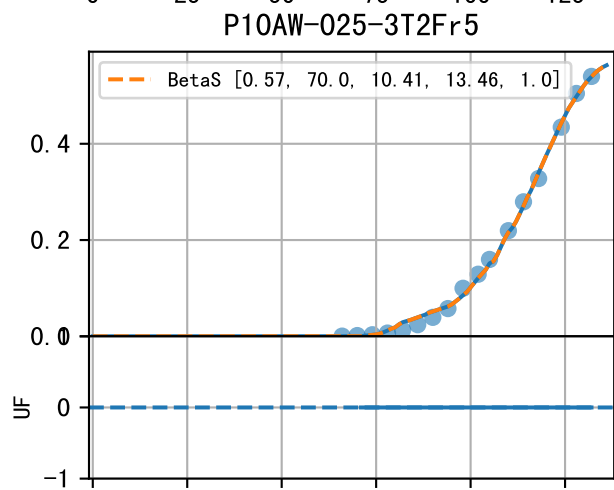
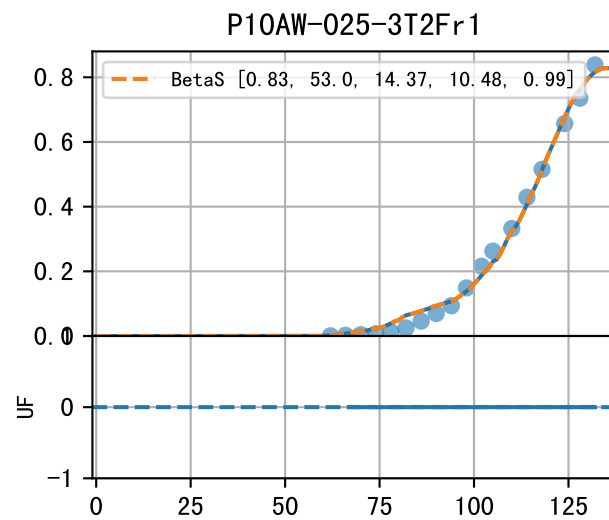
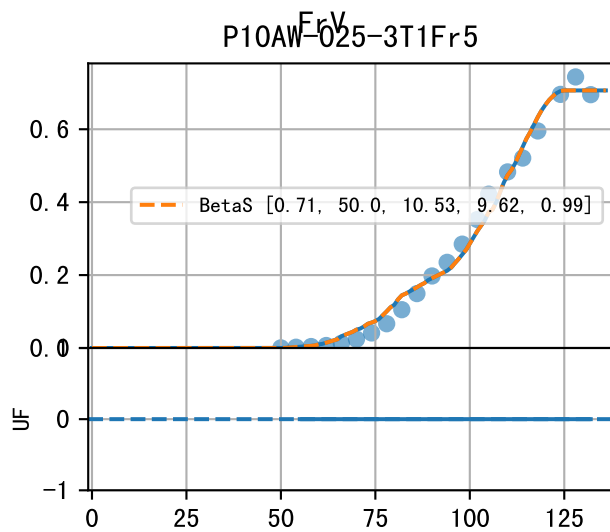
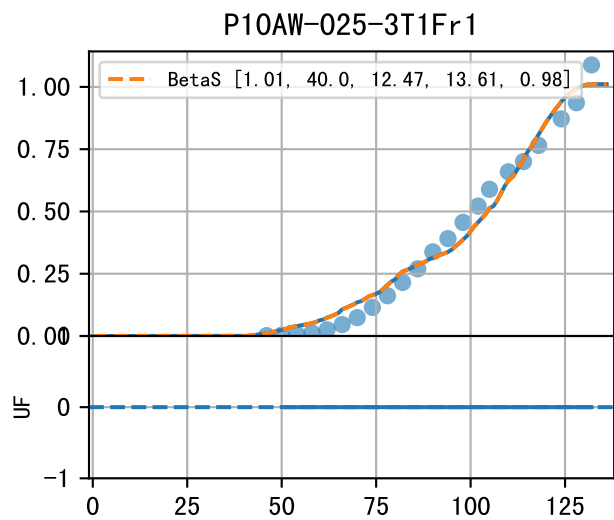
By Plant/Organ Age



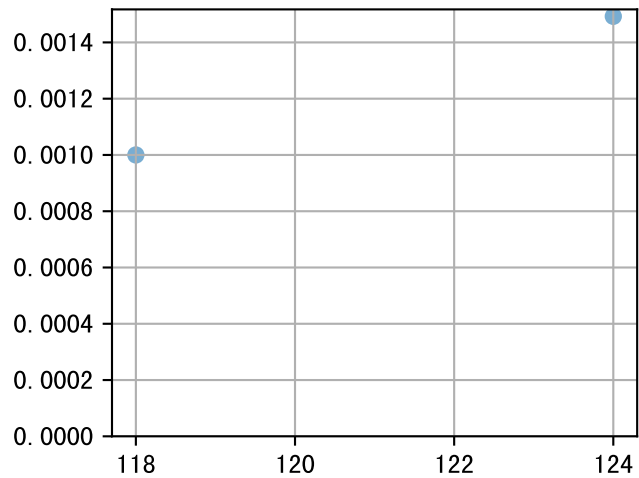




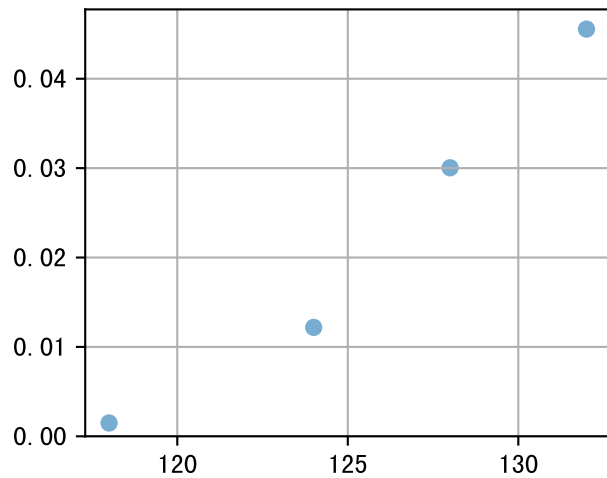




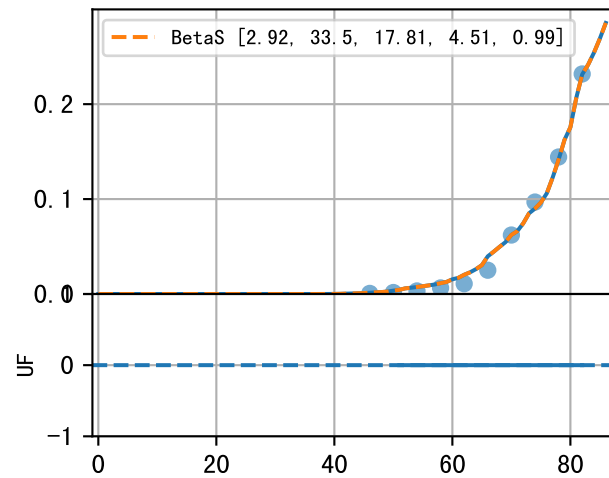
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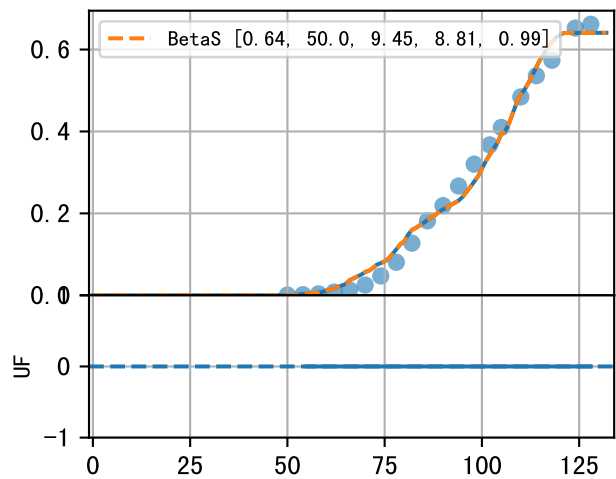
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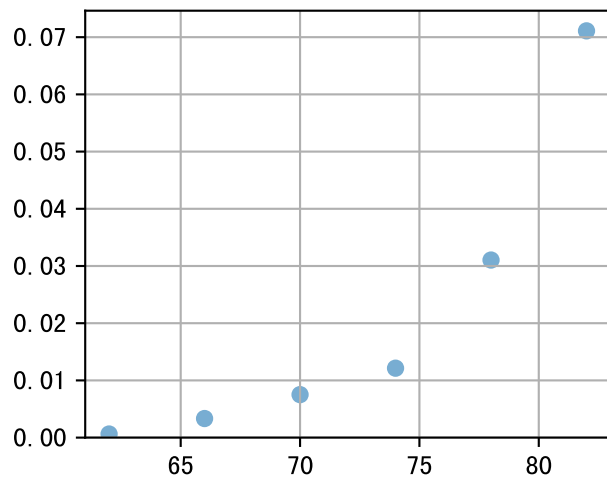
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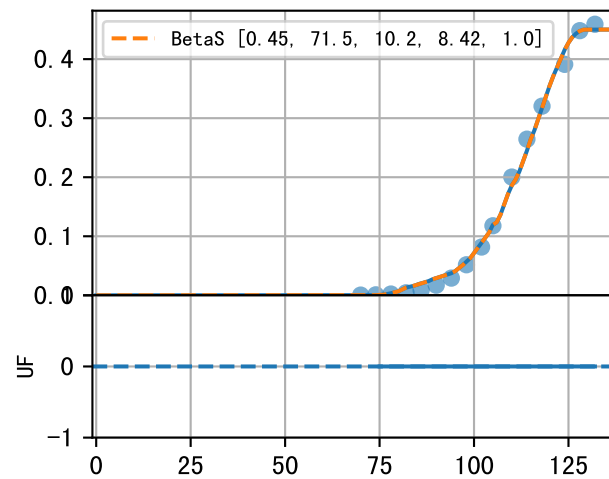
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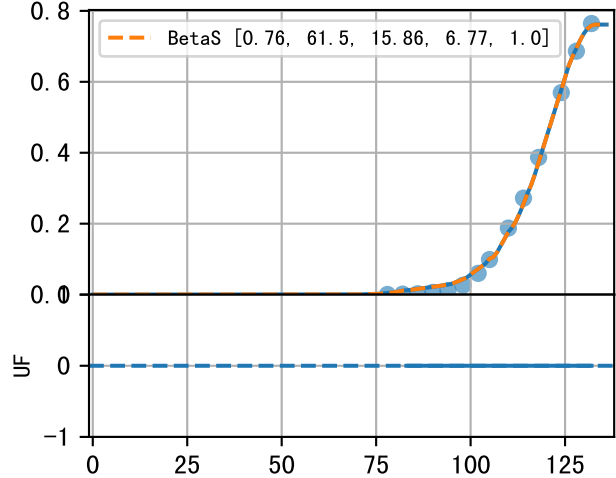
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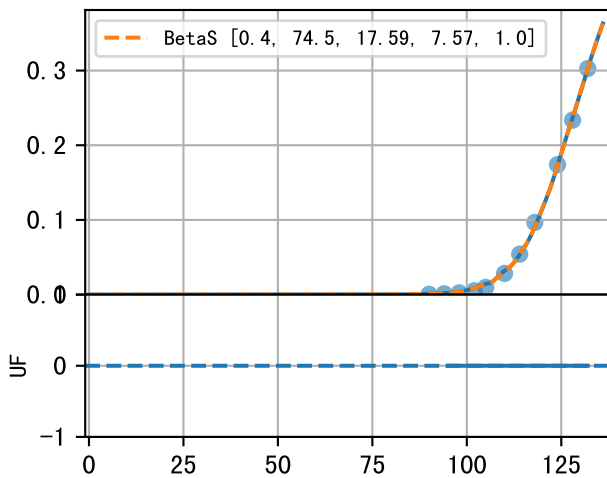
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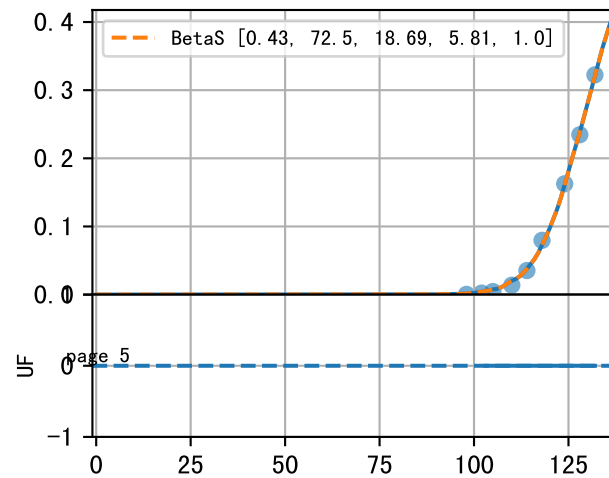
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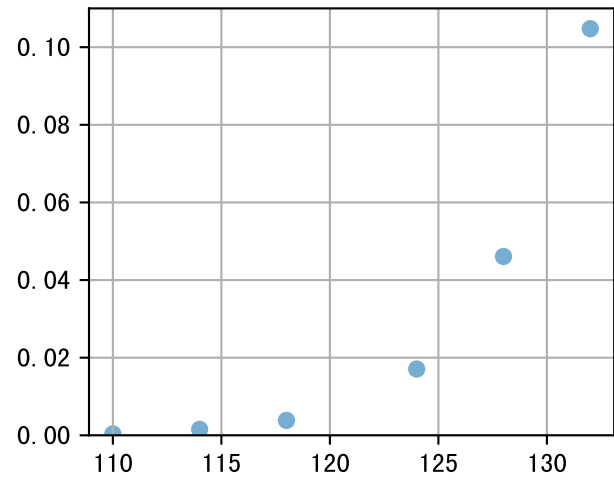
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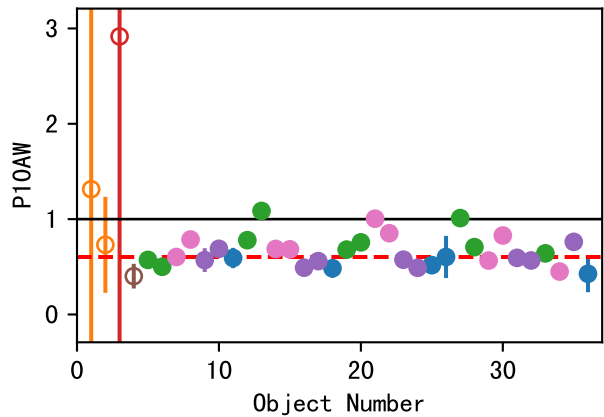


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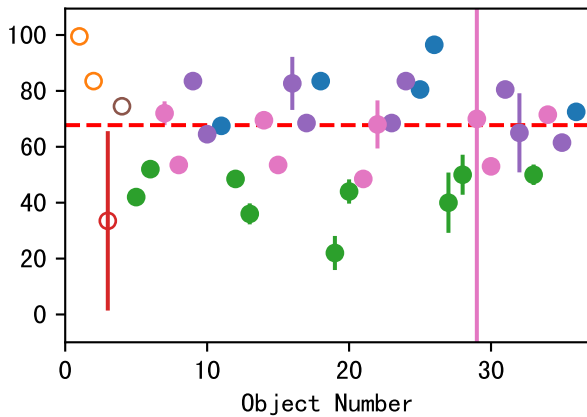


FrV

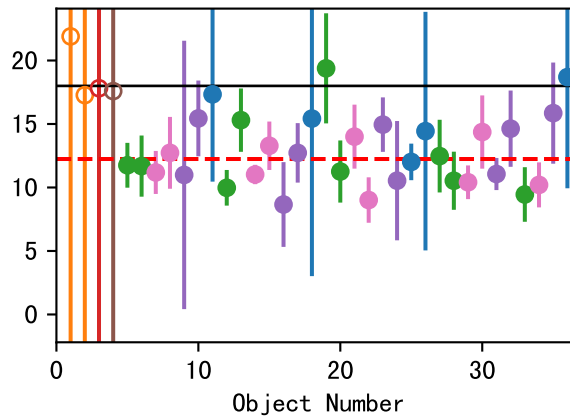
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avg1=0.6~25% avg2=na



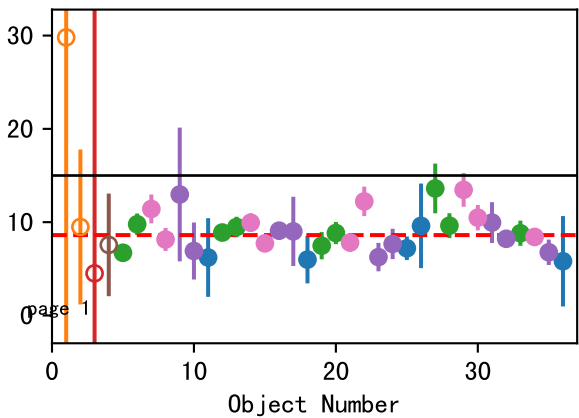
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avg1=60.1~27% avg2=na



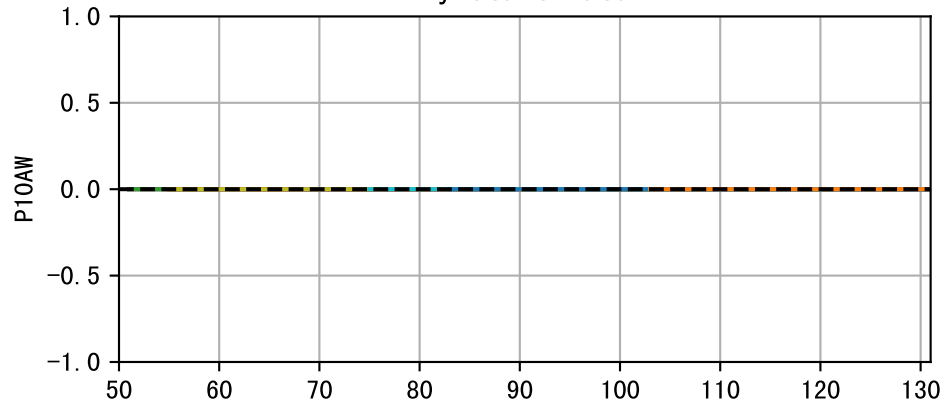
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avg1=12.24~22% avg2=na



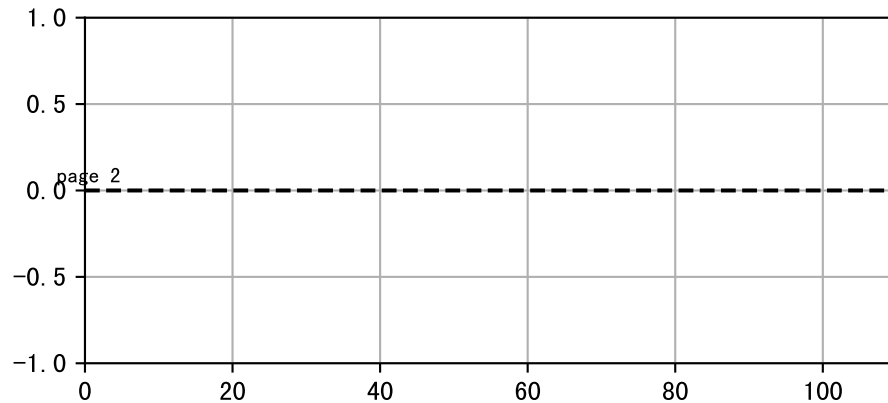
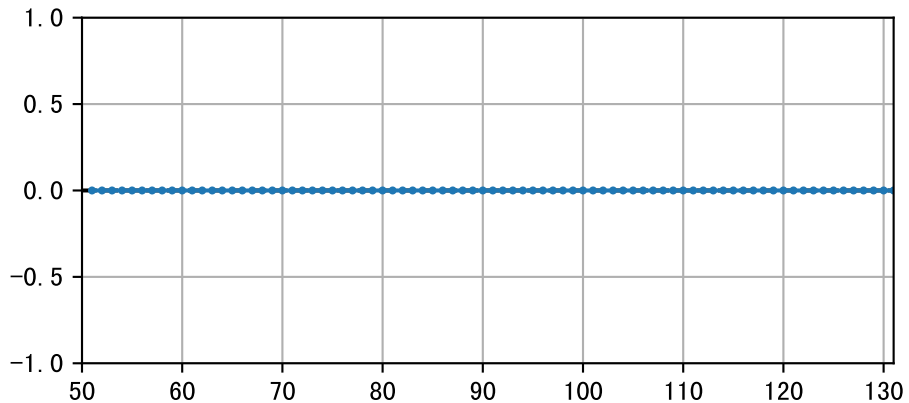
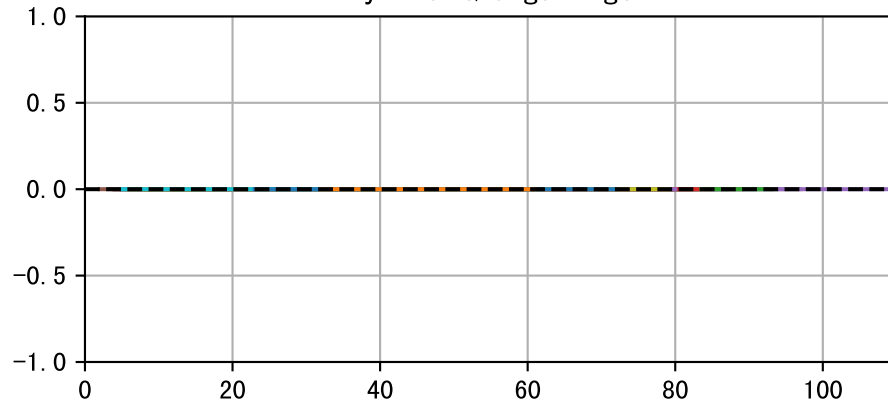
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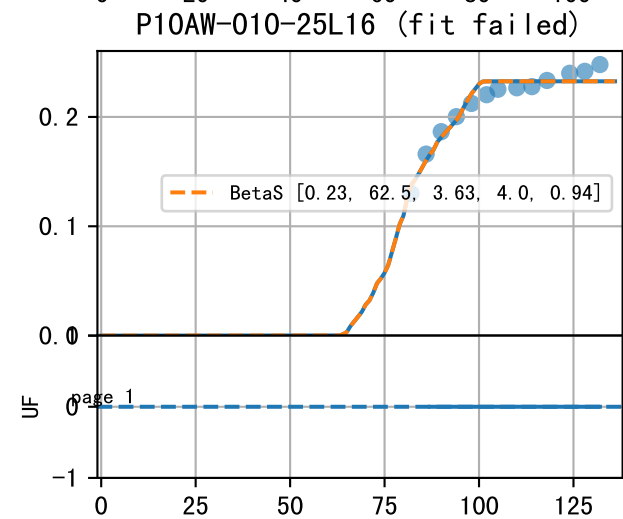
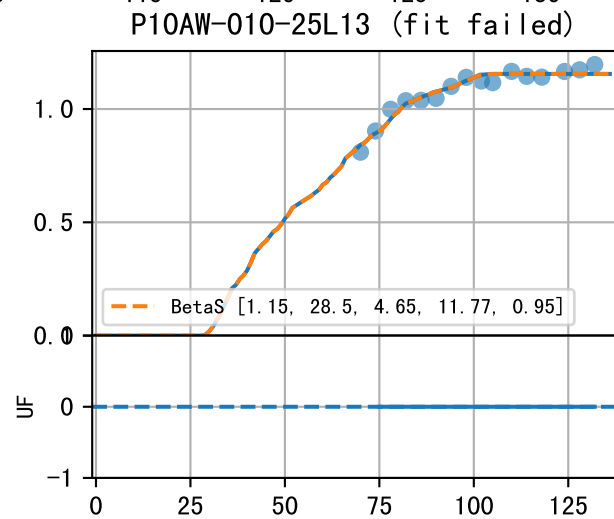
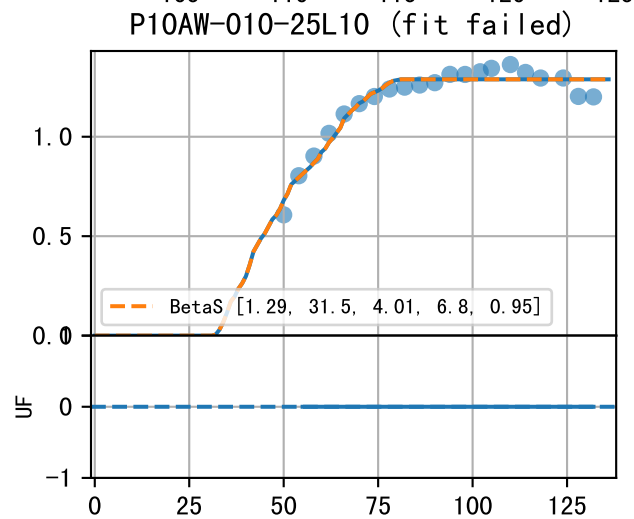
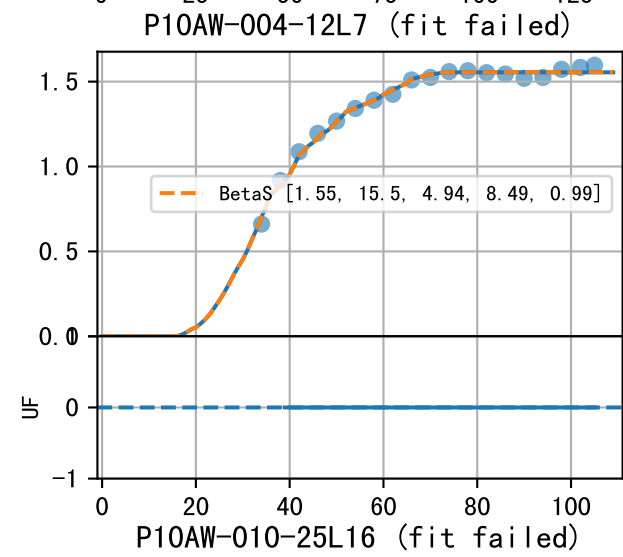
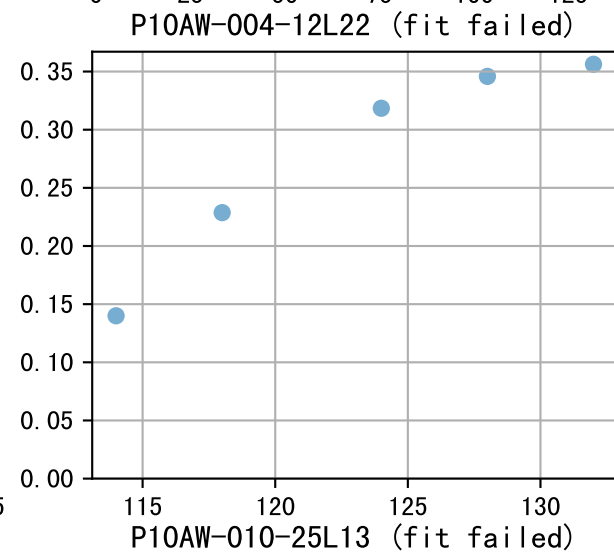
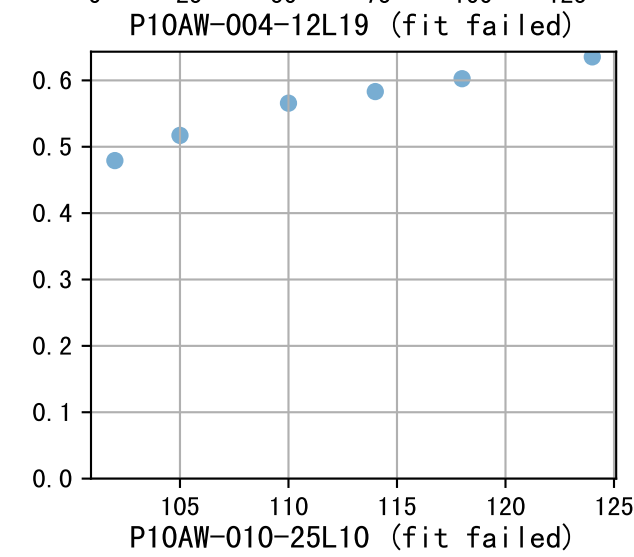
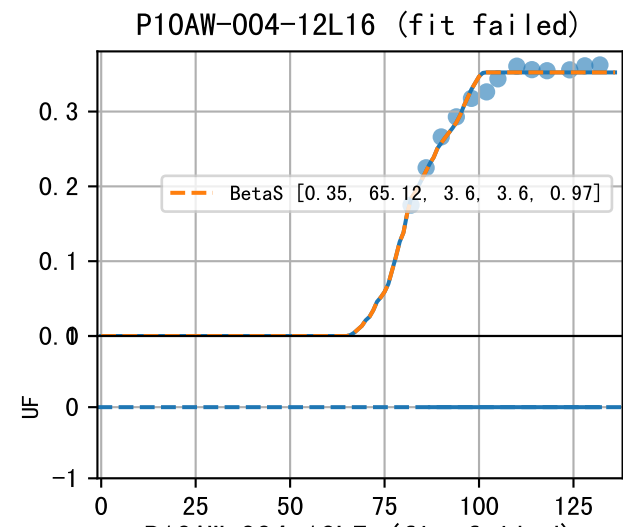
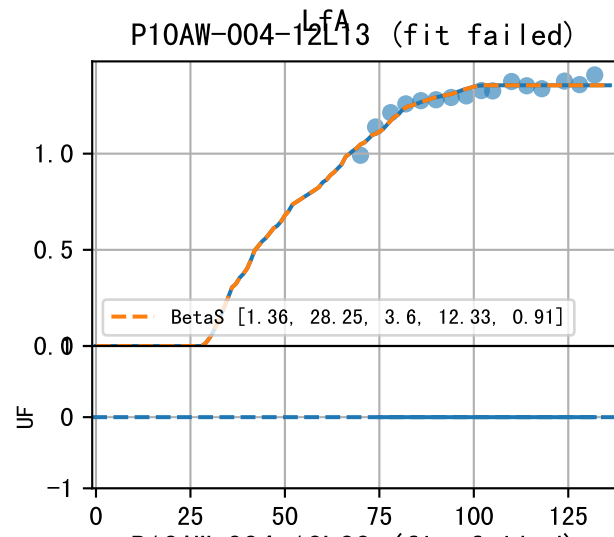
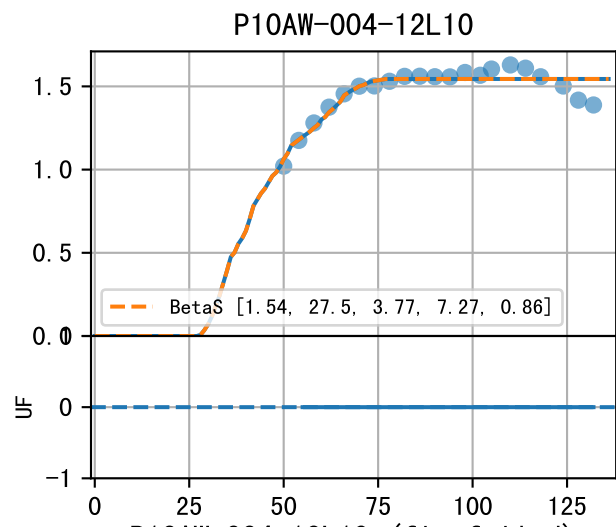


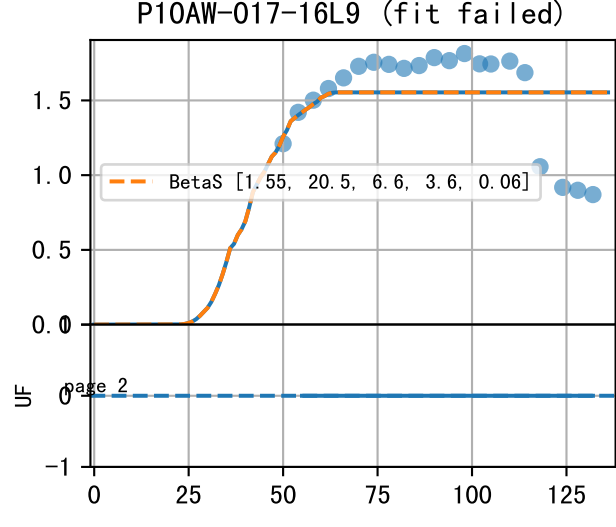
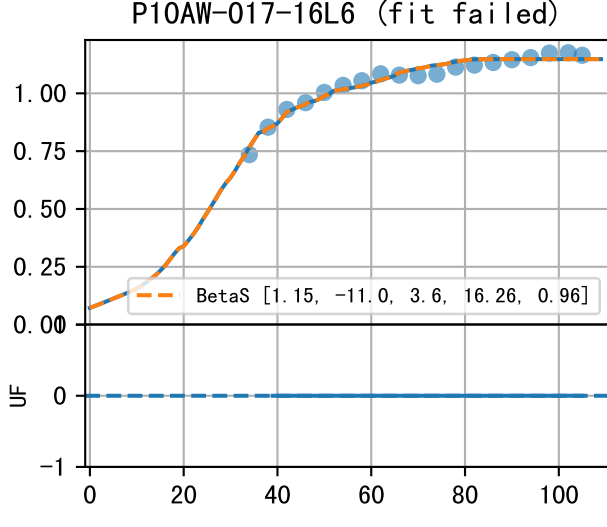
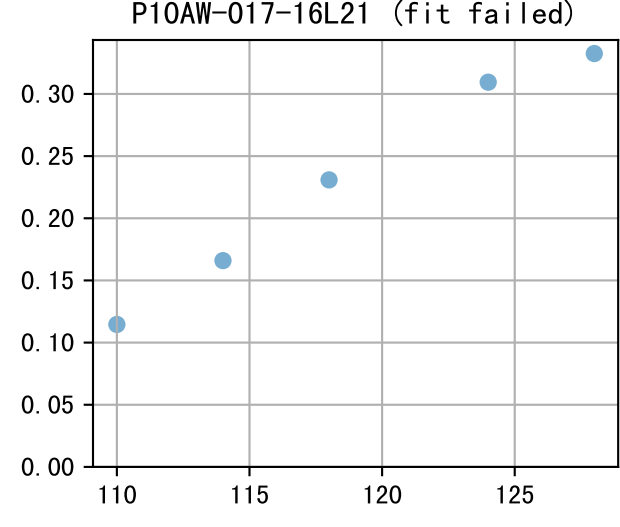
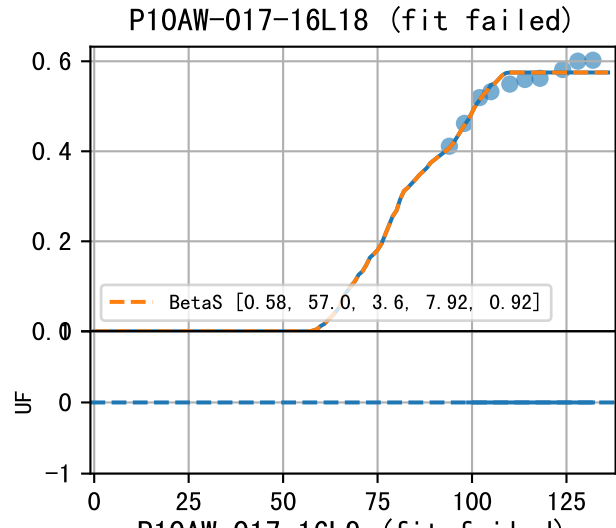
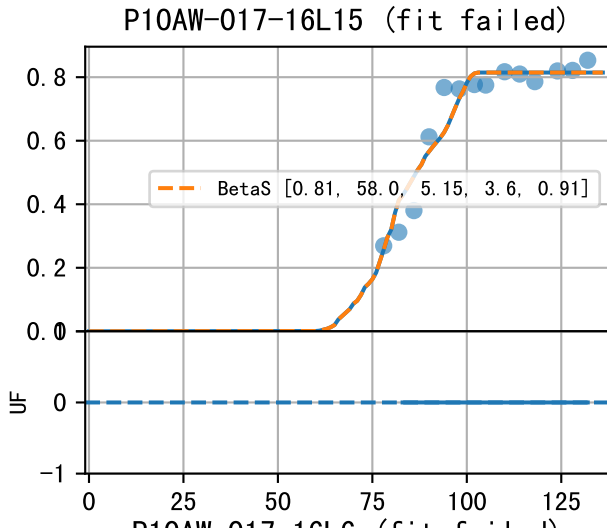
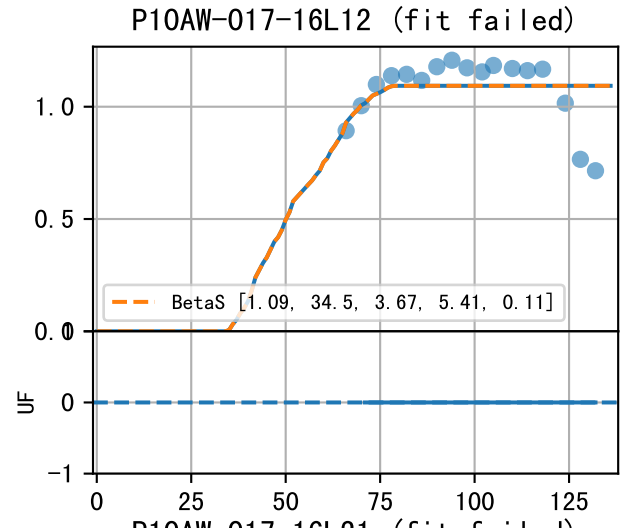
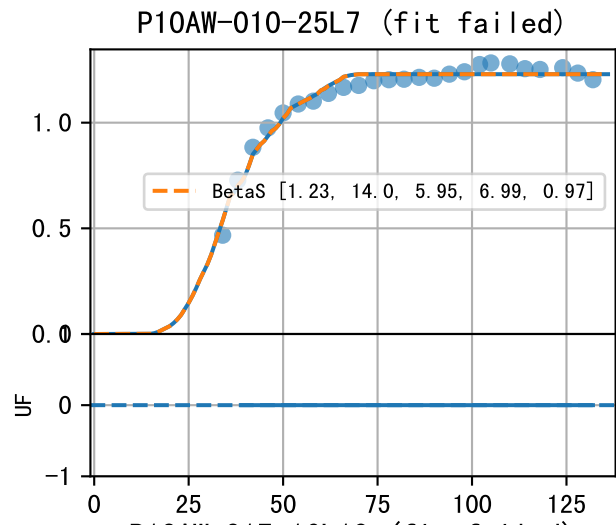
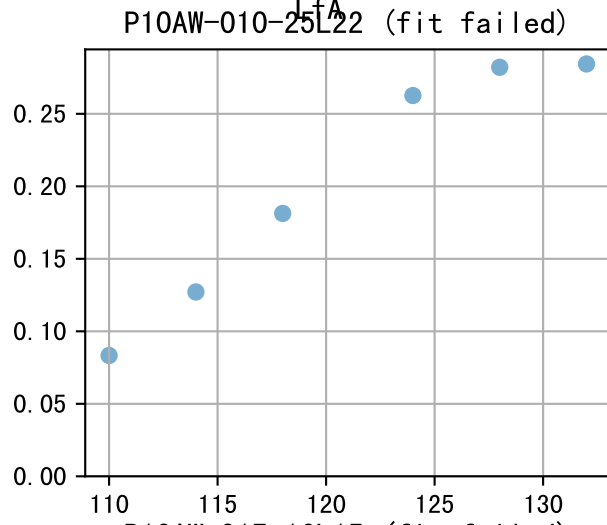
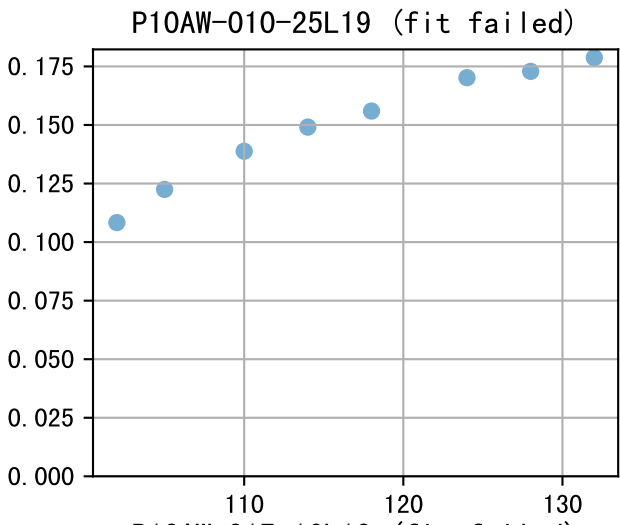
By Start Date

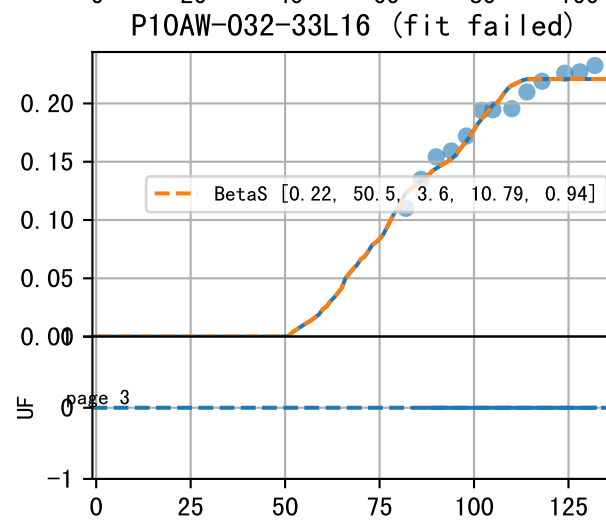
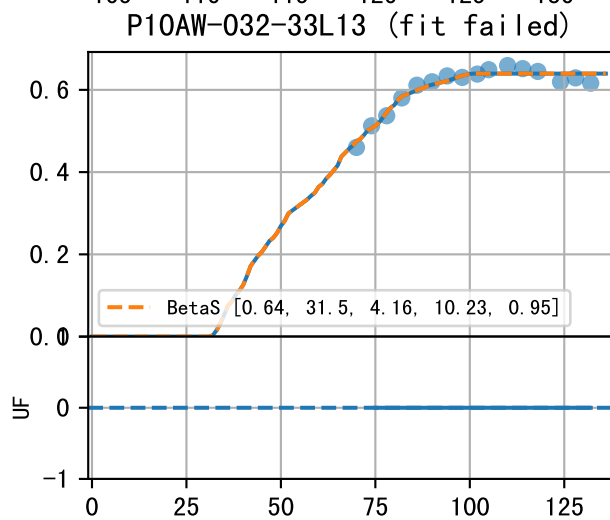
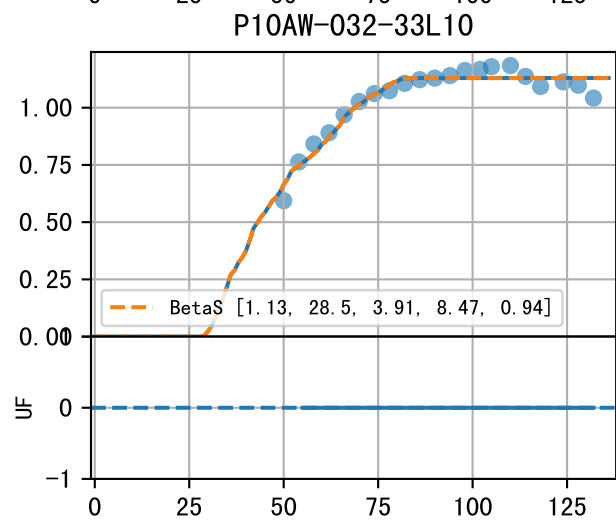
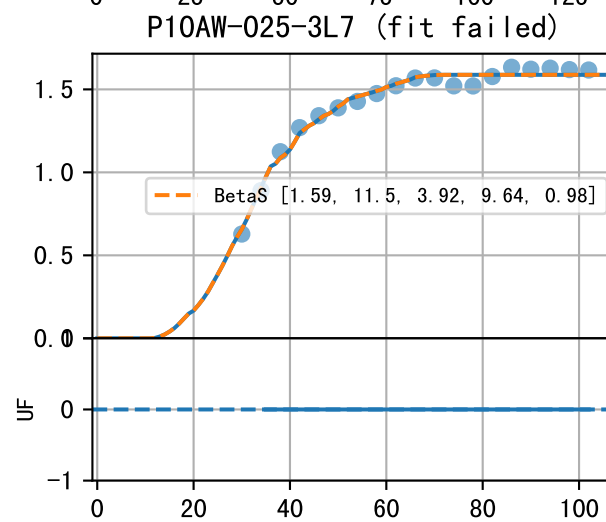
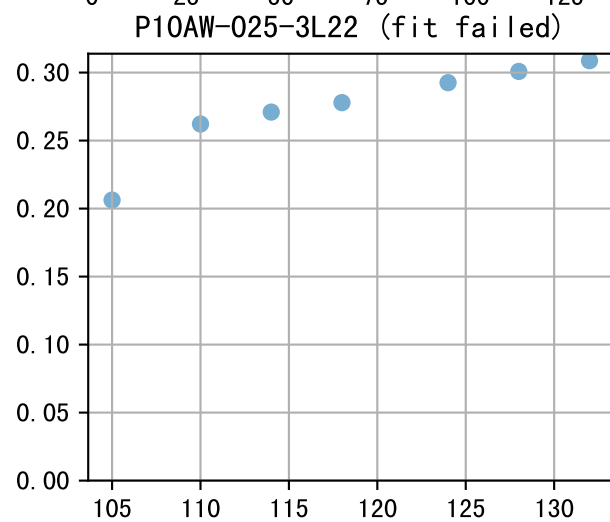
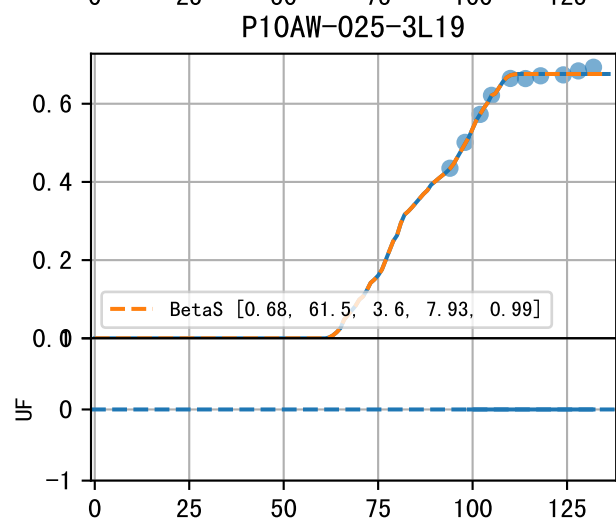
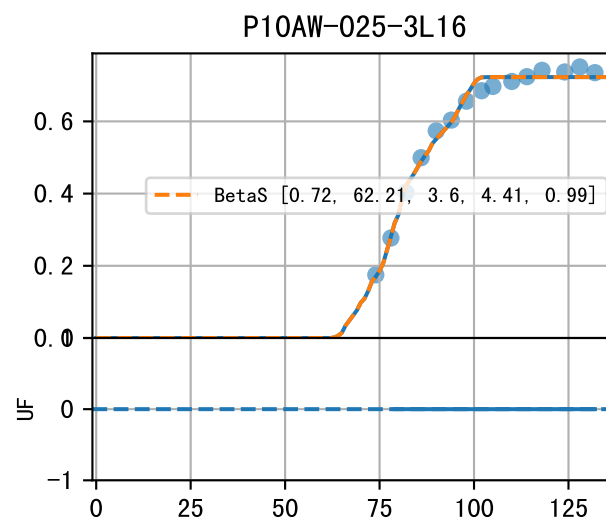
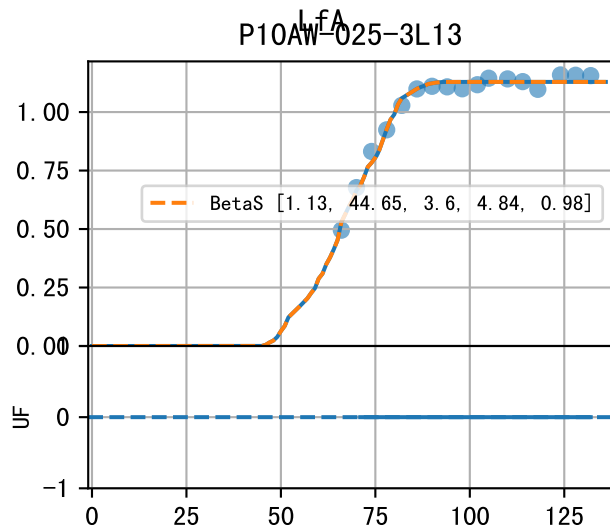
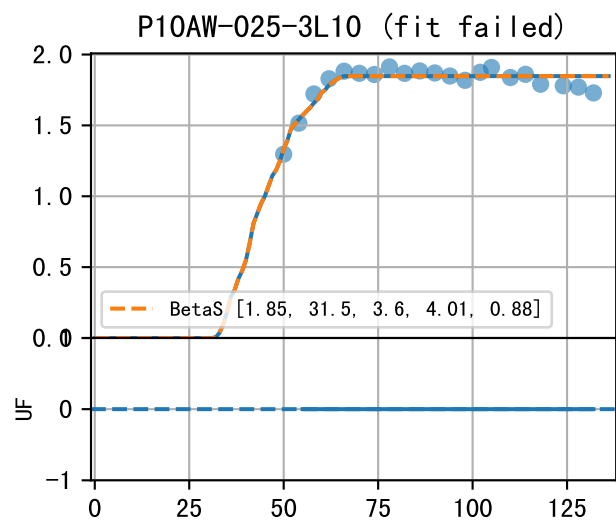


By Plant/Organ Age

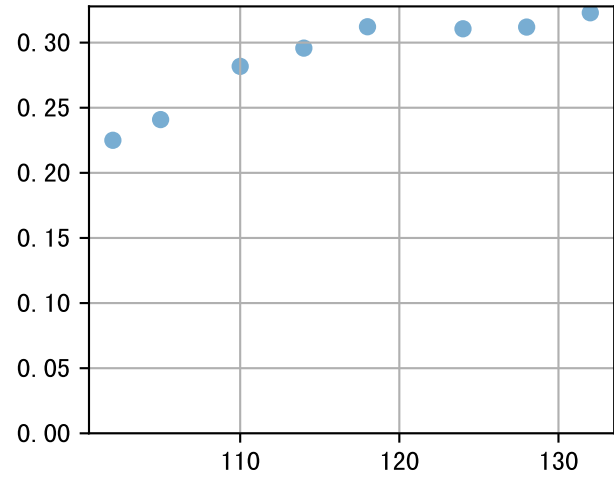




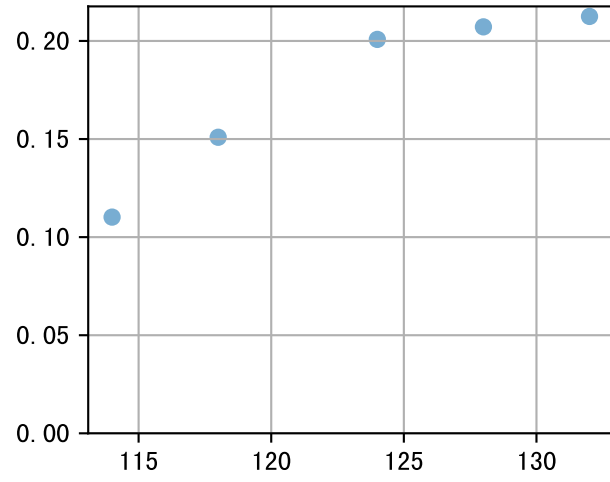




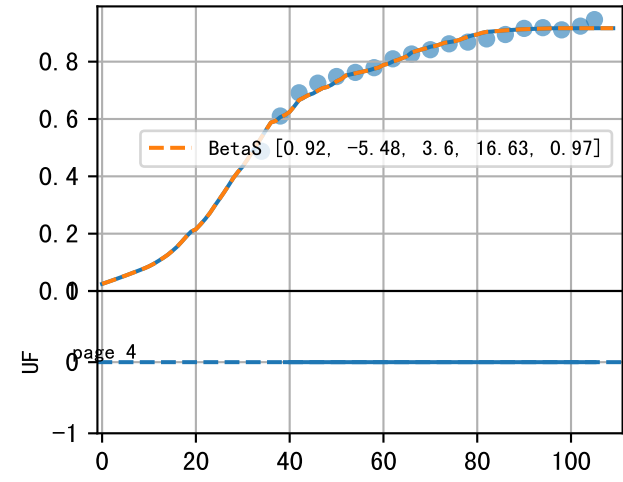
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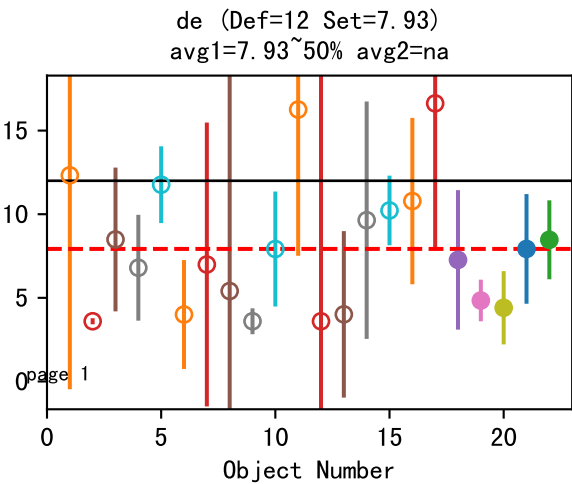
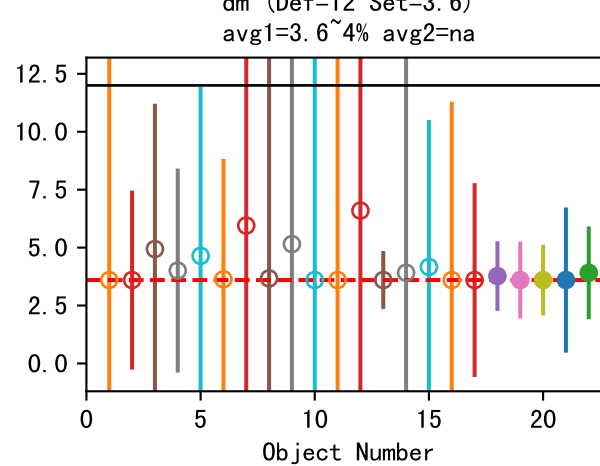
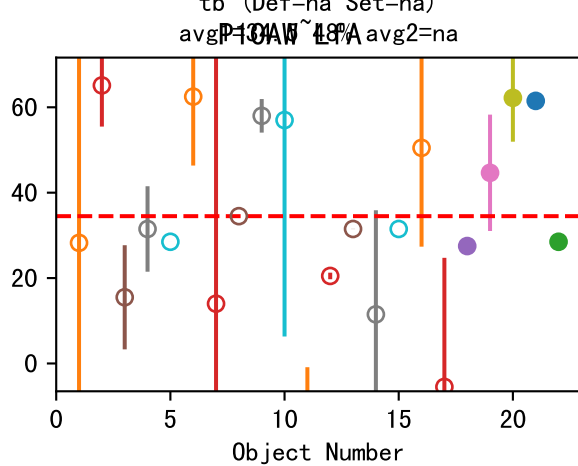
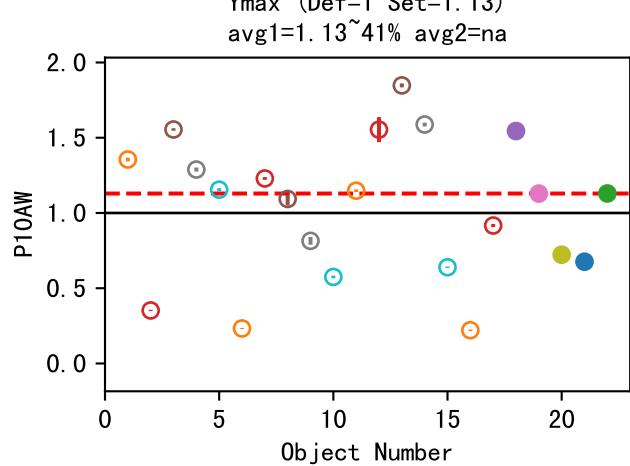
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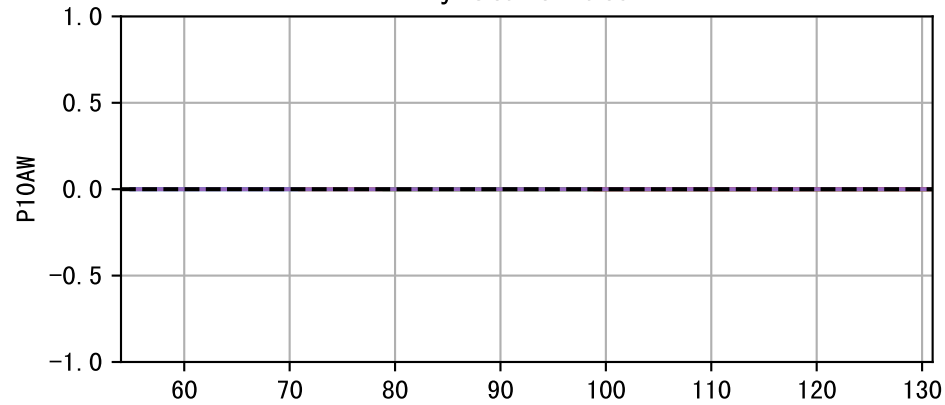
P10AW-032-33L7 (fit failed)



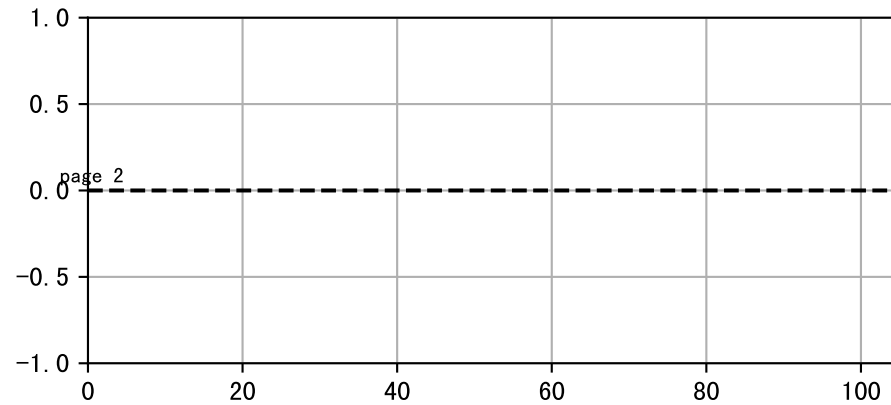
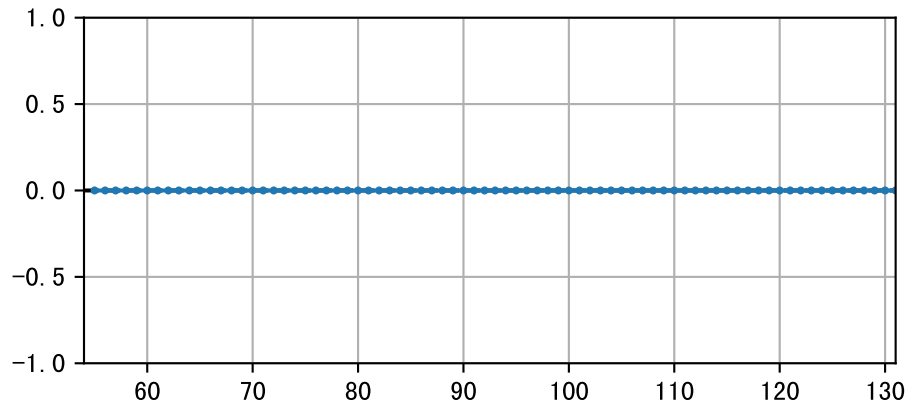
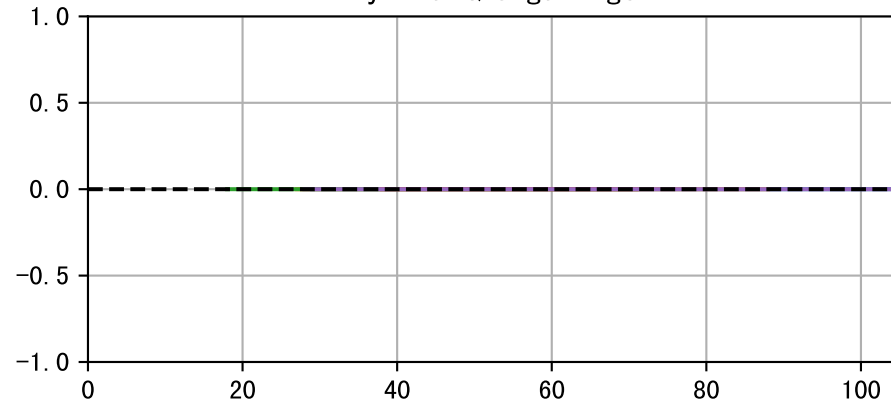
UF page 4



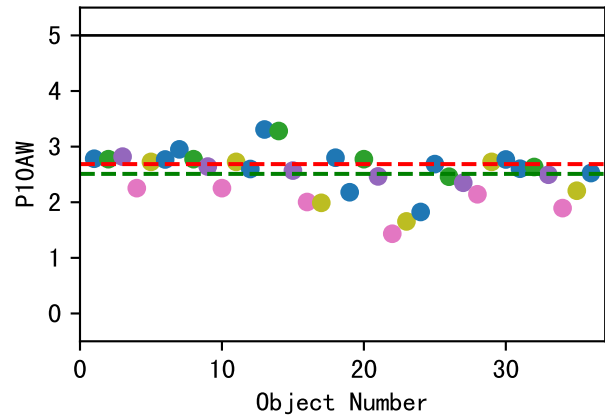
By Start Date



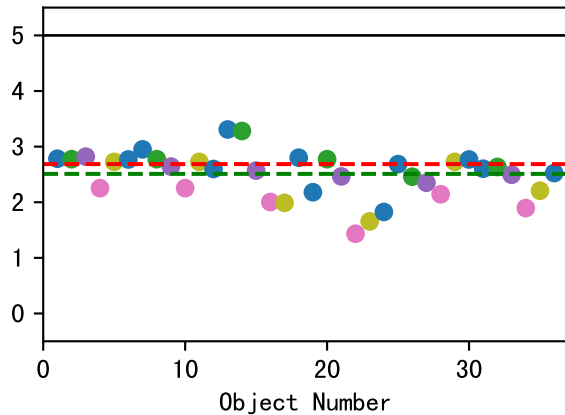
By Plant/Organ Age



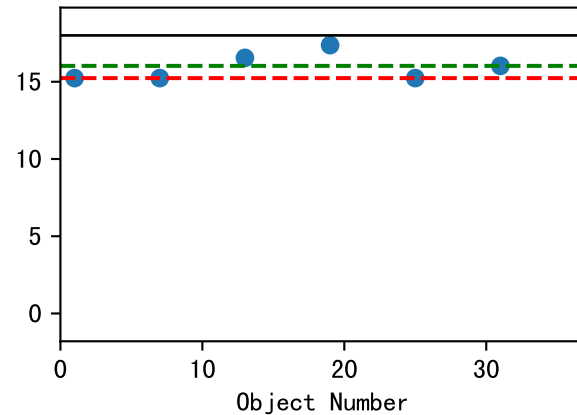
FrV_dm (Def=5 Set=2.69)
avg1=2.69~15% avg2=2.51~11%



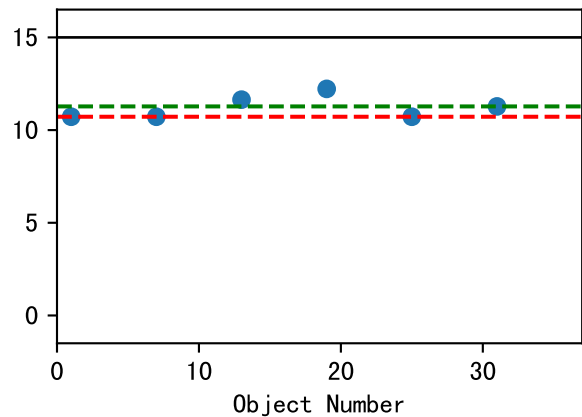
FrV_de (Def=5 Set=2.69)
avg1=2.69~15% avg2=2.51~11%



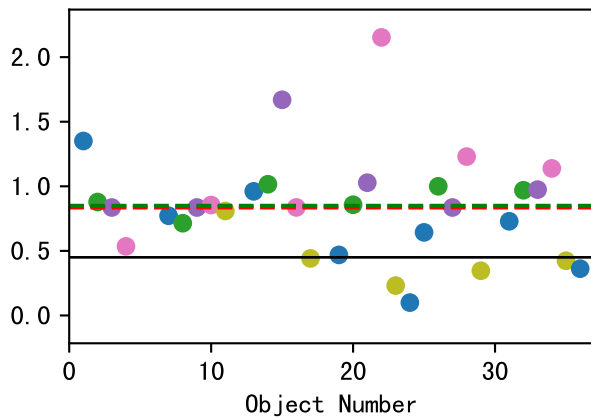
FrV_dm (Def=18 Set=15.24)
avg1=15.24~6% avg2=16.03



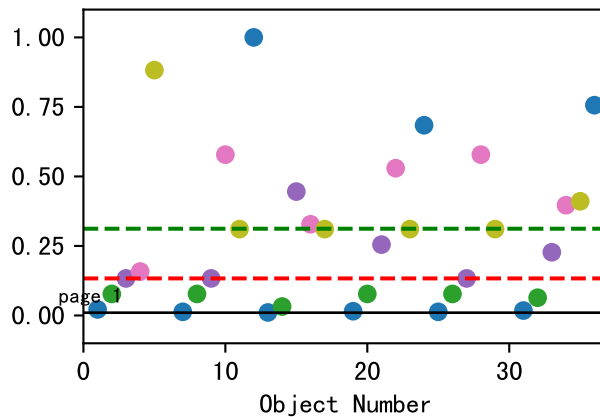
FrV_de (Def=15 Set=10.72)
avg1=10.72~6% avg2=11.28

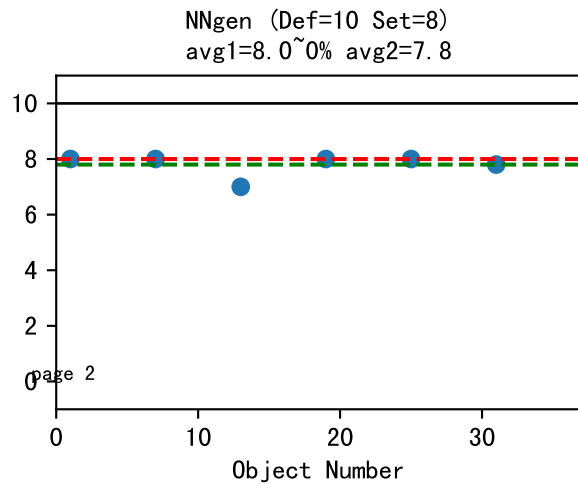
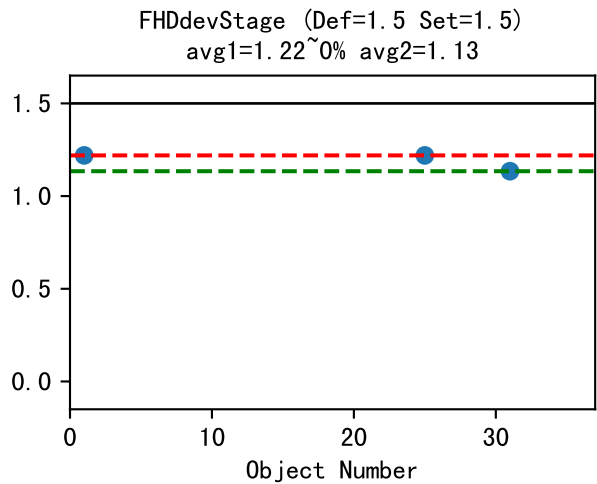
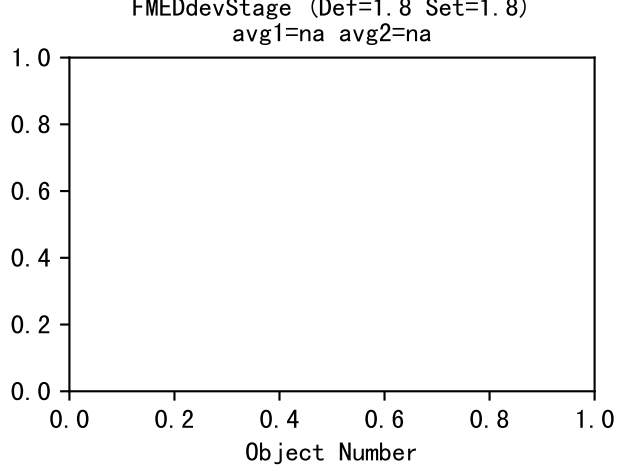
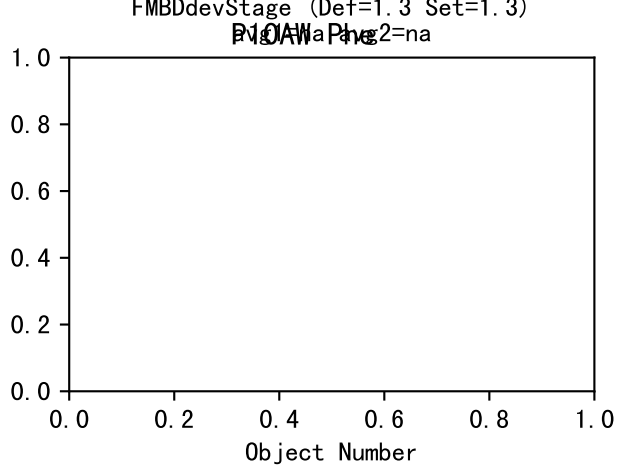
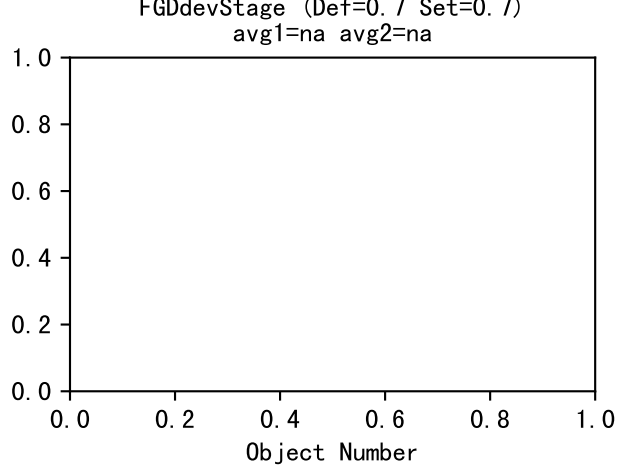


FrN_a (Def=0.45 Set=0.84)
avg1=0.84~32% avg2=0.85~37%



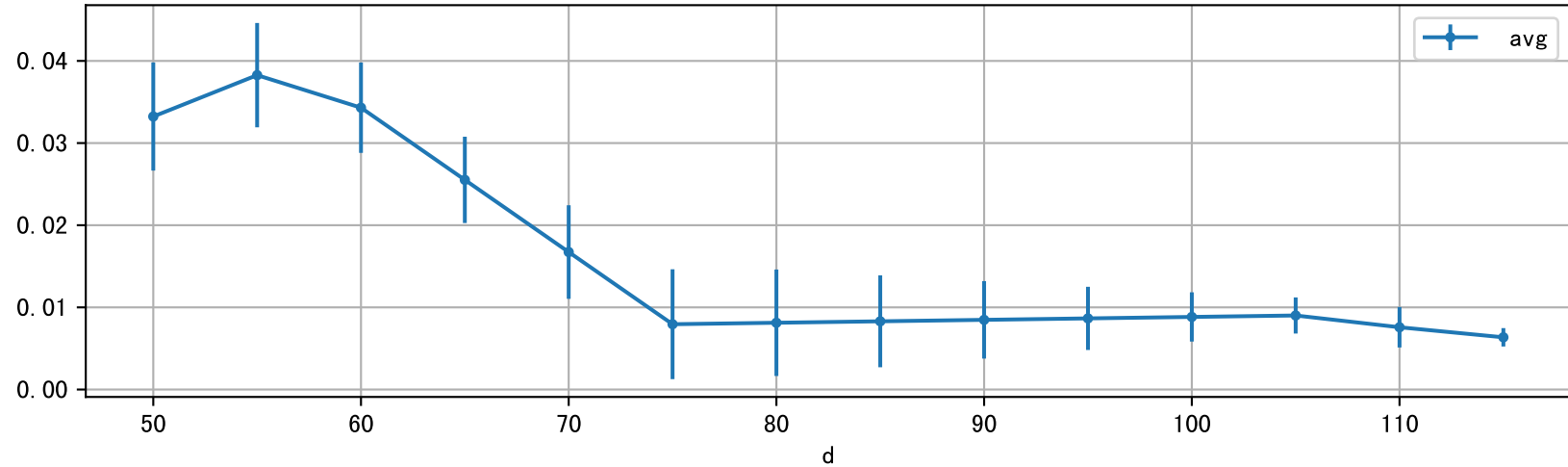
FSDdevStage (Def=0.01 Set=0.01)
avg1=0.13~155% avg2=0.31~87%



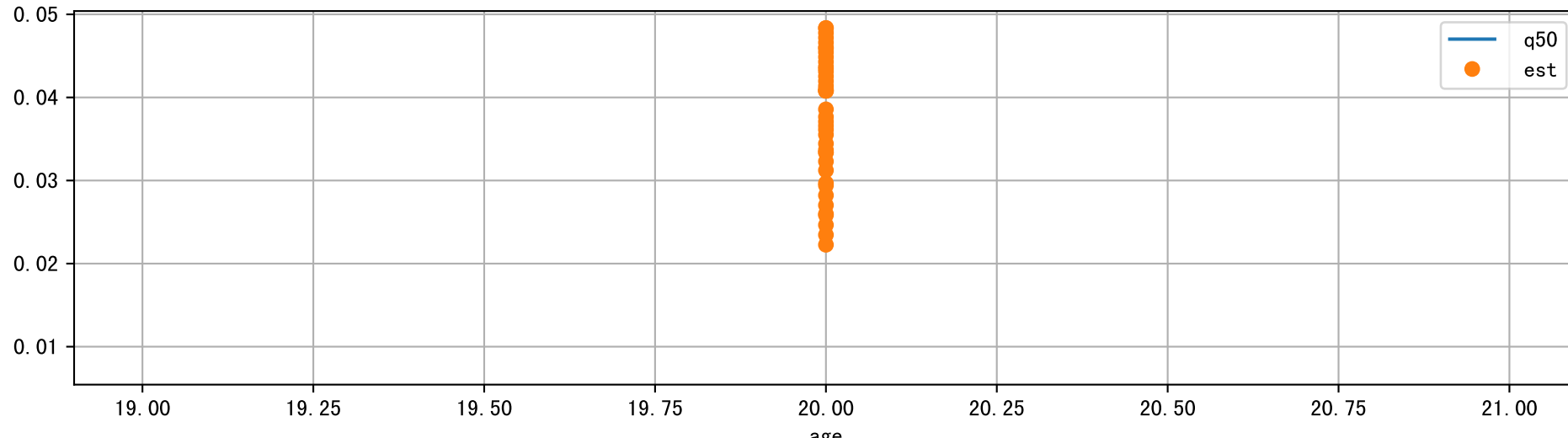


LfA: avg vs. d at each age group

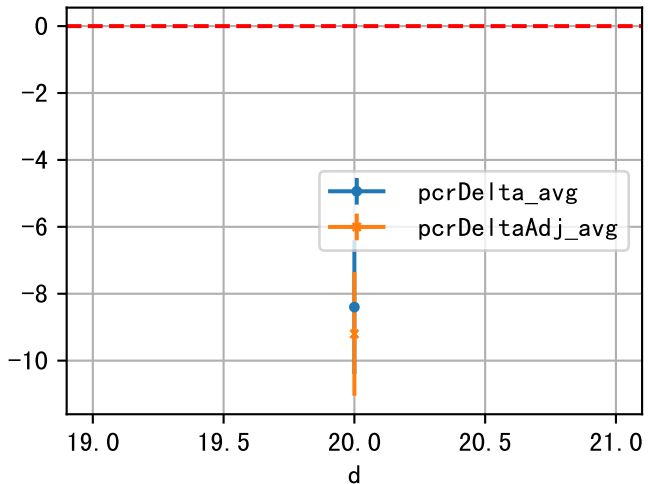
age=20



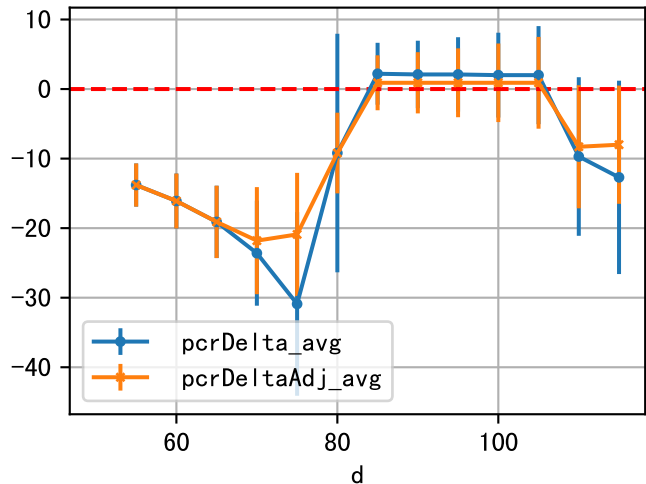
LfA: model est vs obs0v@Q50



DeltaTypeAbbr=GrpByAge

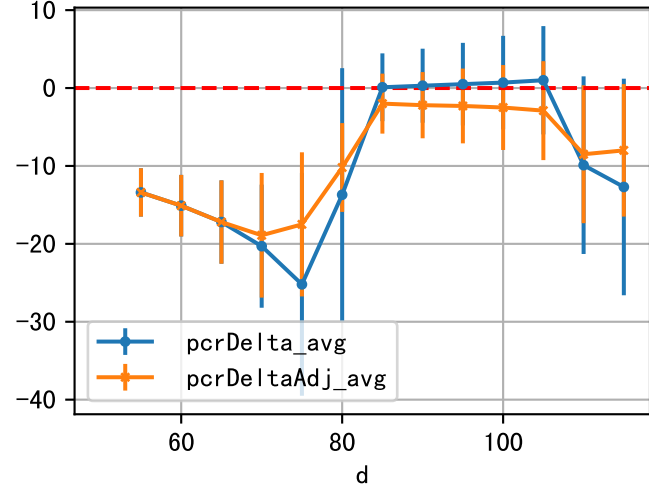


DeltaTypeAbbr=GrpByDay

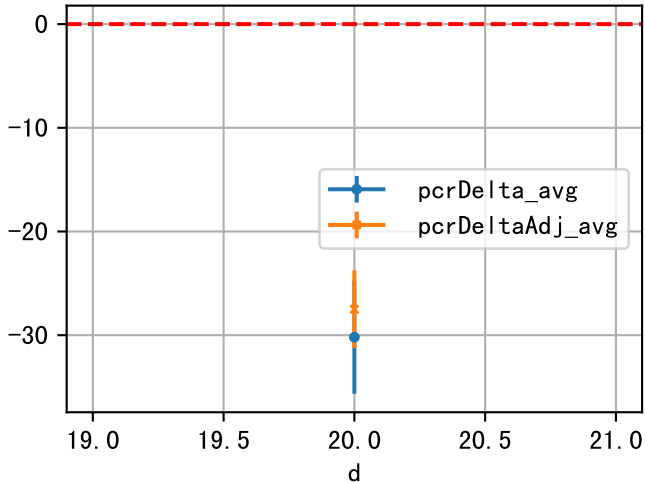


page 3

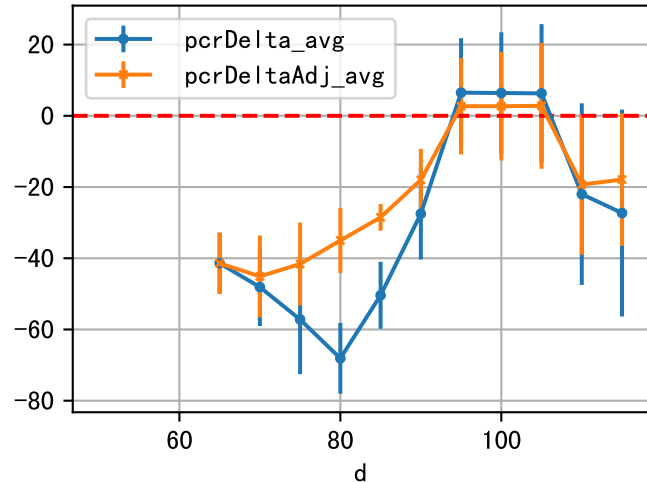
DeltaTypeAbbr=Wei AvgByD



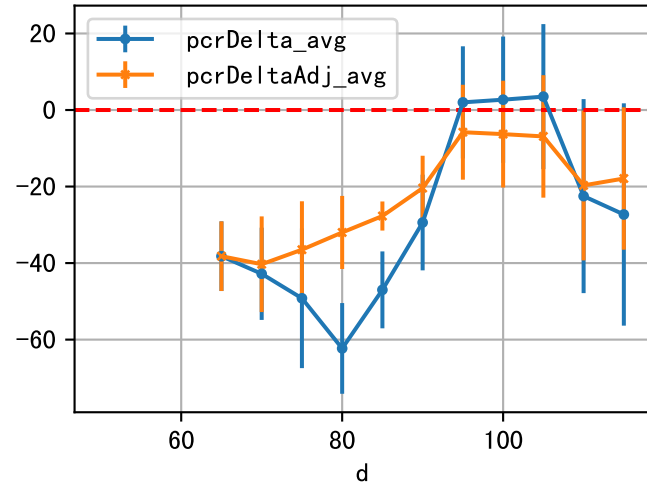
DeltaTypeAbbr=GrpByAge



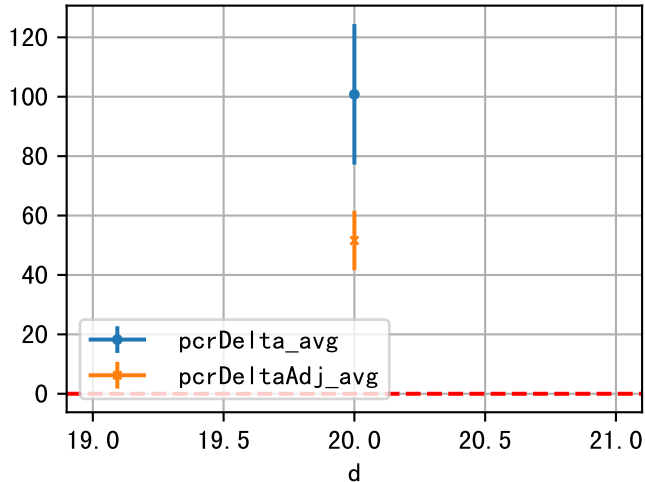
DeltaTypeAbbr=GrpByDay



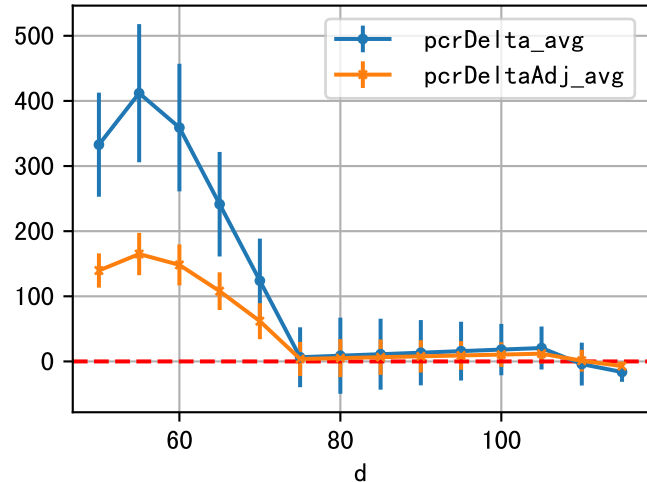
DeltaTypeAbbr=Wei AvgByD



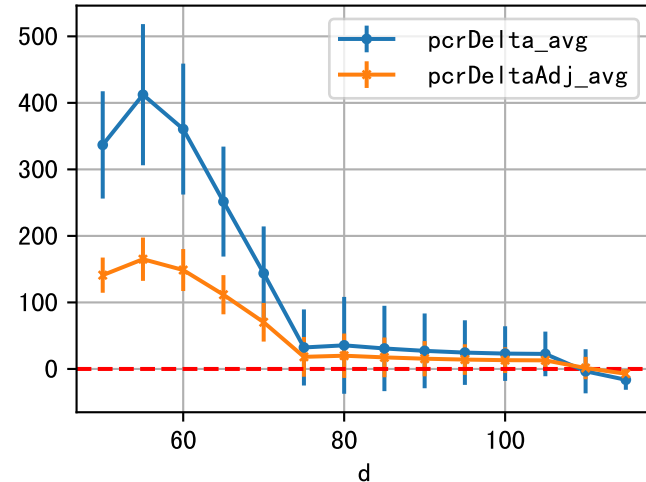
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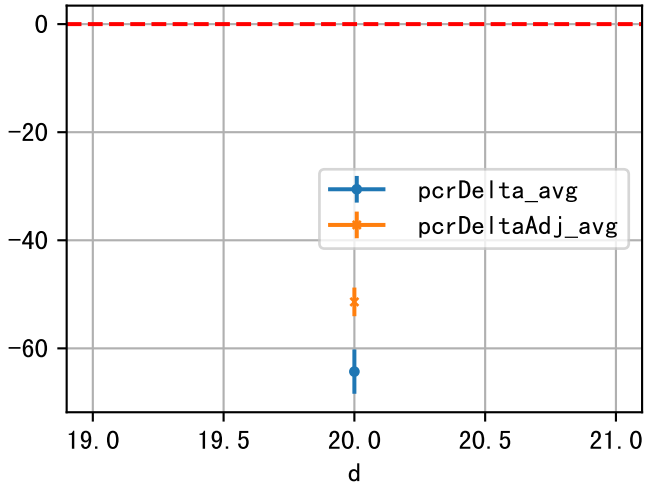
DeltaTypeAbbr=GrpByDay



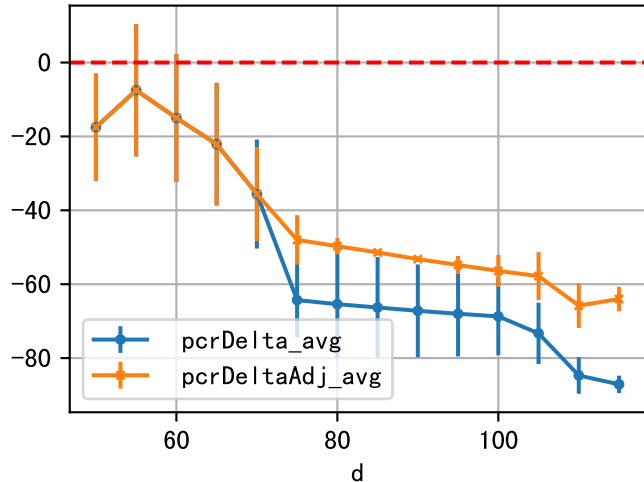
DeltaTypeAbbr=Wei AvgByD



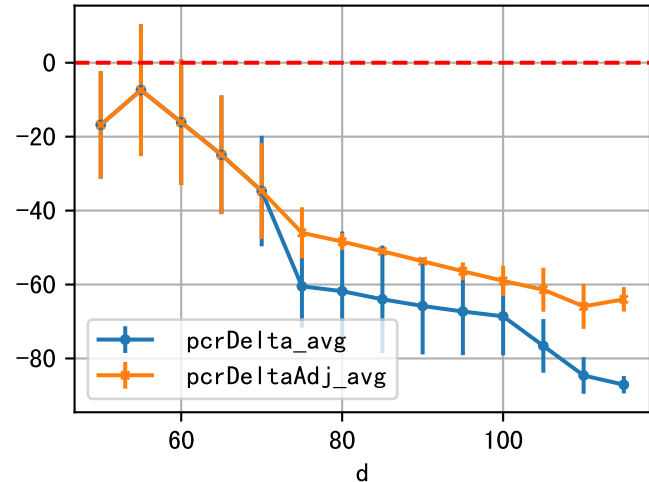
DeltaTypeAbbr=GrpByAge



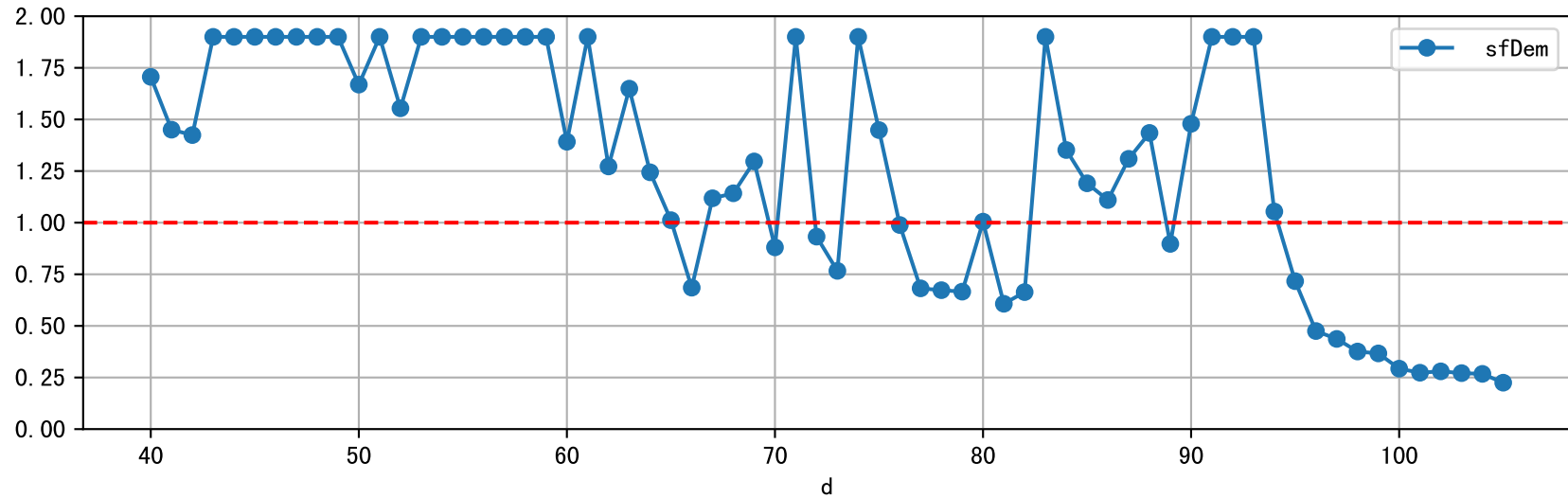
DeltaTypeAbbr=GrpByDay

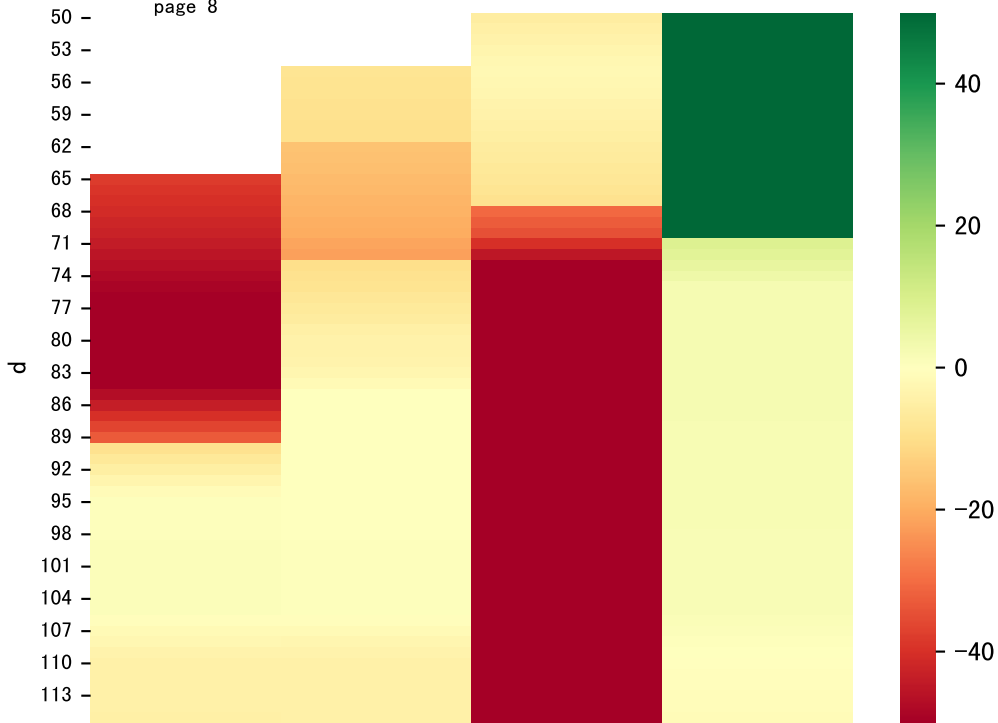


DeltaTypeAbbr=Wei AvgByD



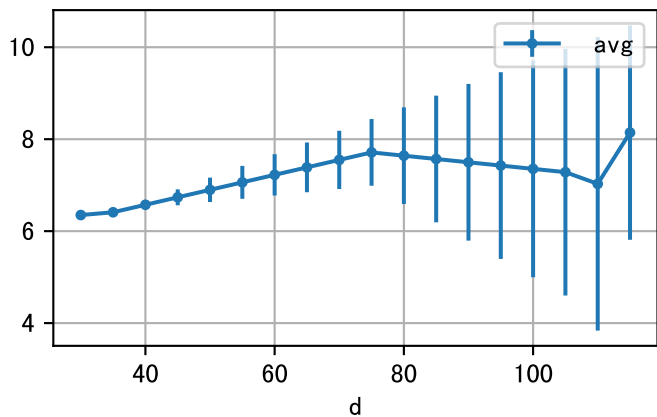
LfA: sfDem



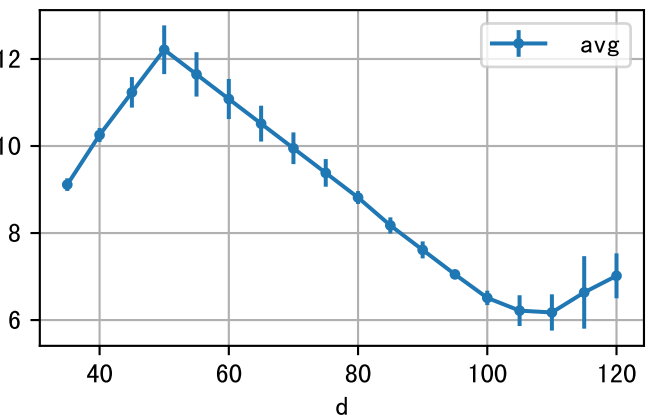


NdD: avg vs. d at each age group

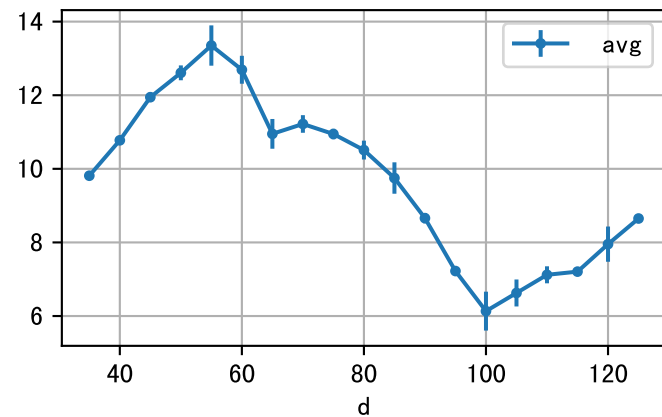
age=15



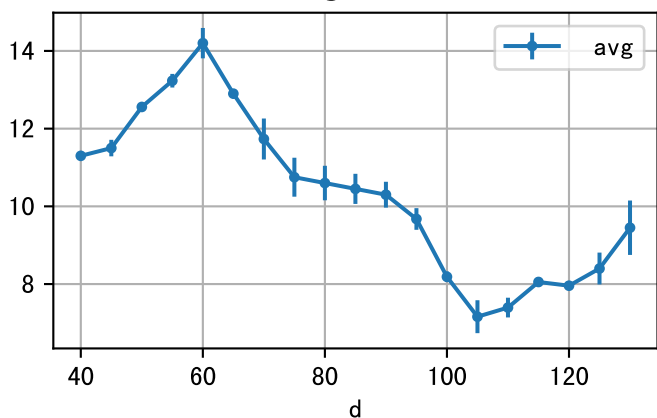
age=20



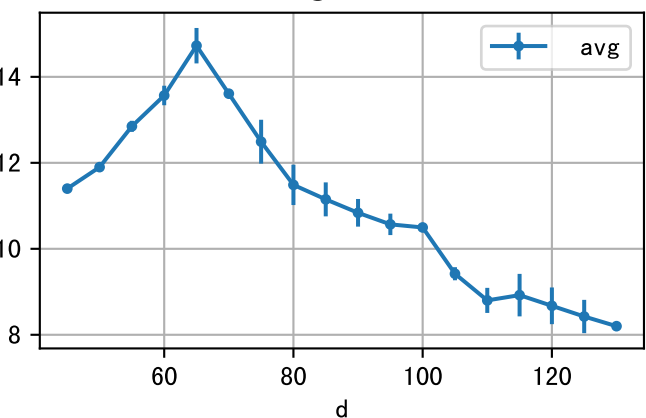
age=25



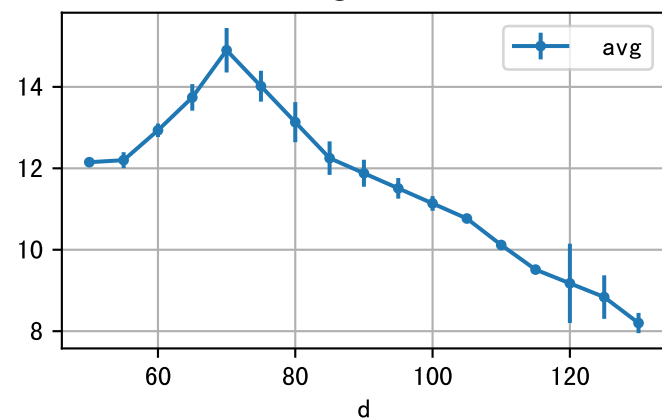
age=30



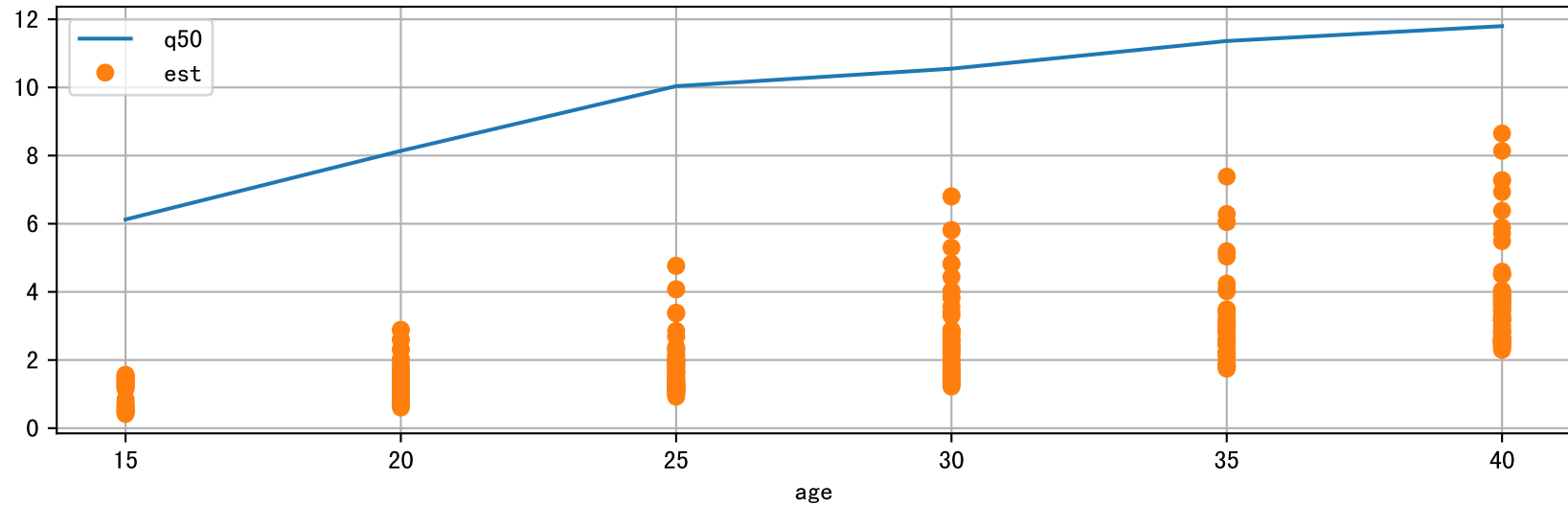
age=35



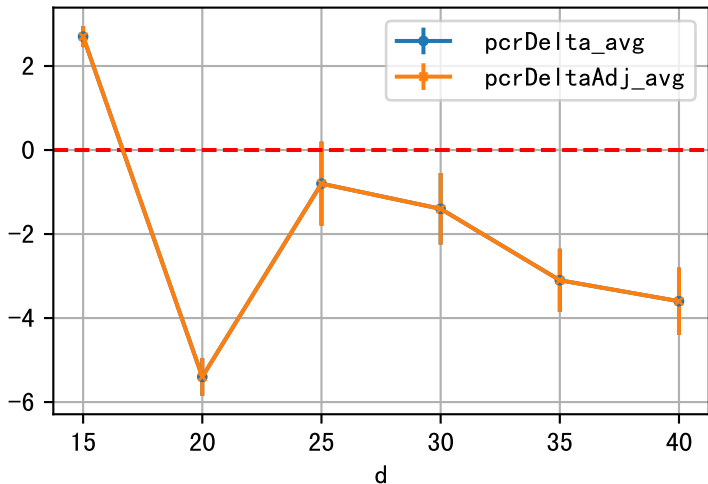
age=40



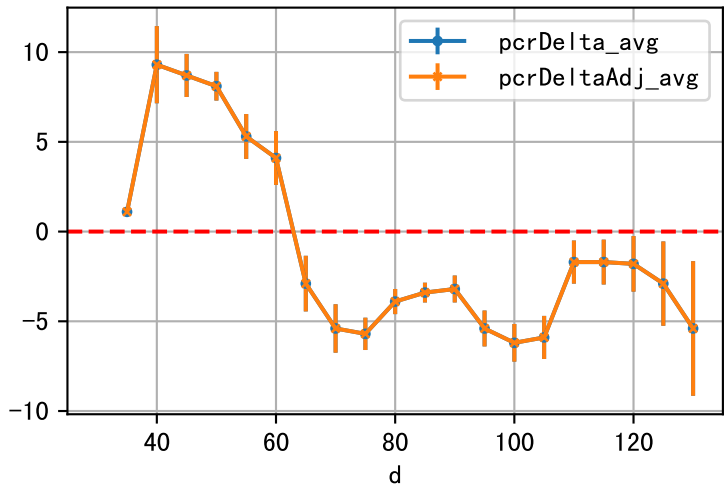
NdD: model est vs obs0v@Q50



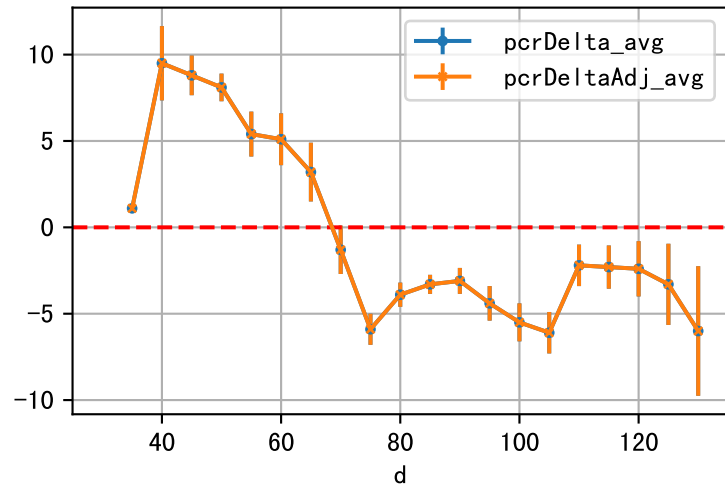
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

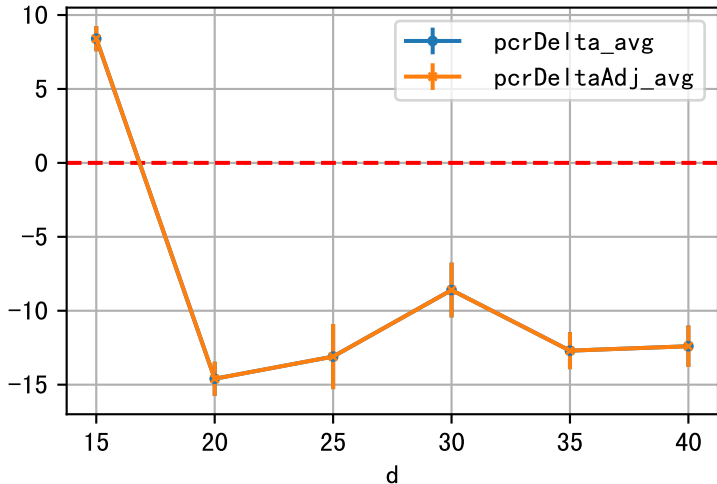


DeltaTypeAbbr=Wei AvgByD

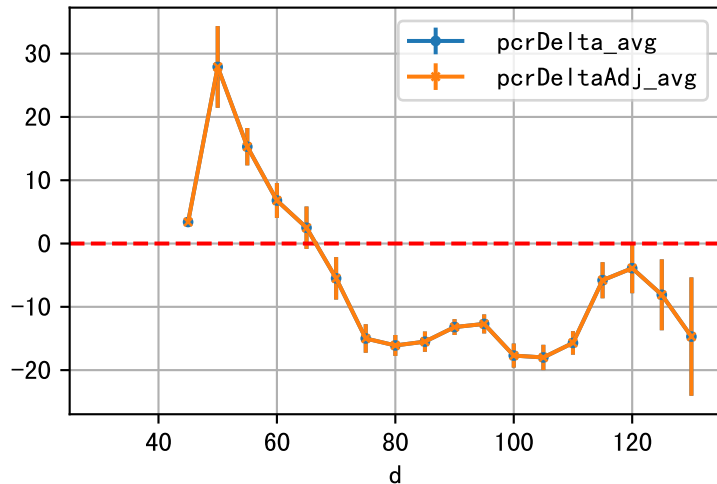


P10AW NdD: D_15d_NdD

DeltaTypeAbbr=GrpByAge

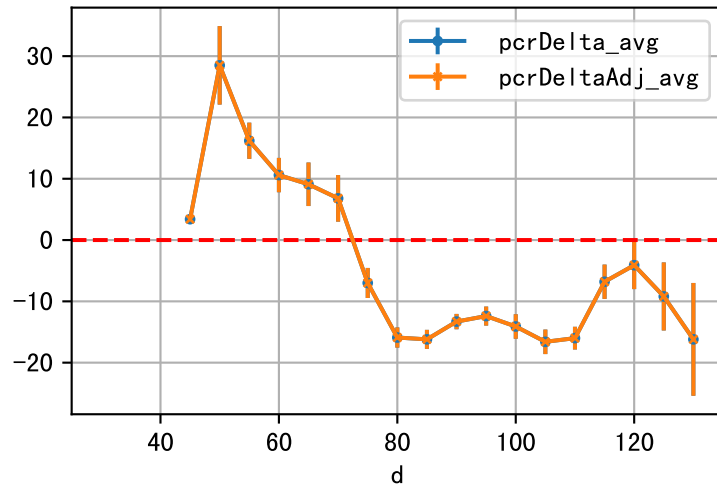


DeltaTypeAbbr=GrpByDay



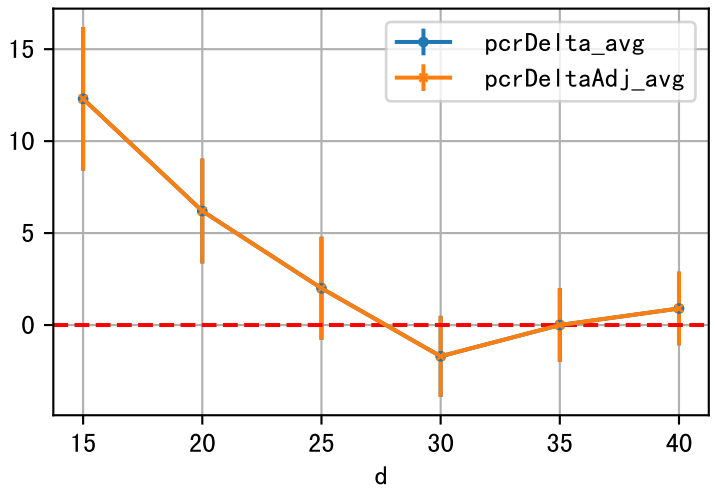
page 12

DeltaTypeAbbr=Wei AvgByD

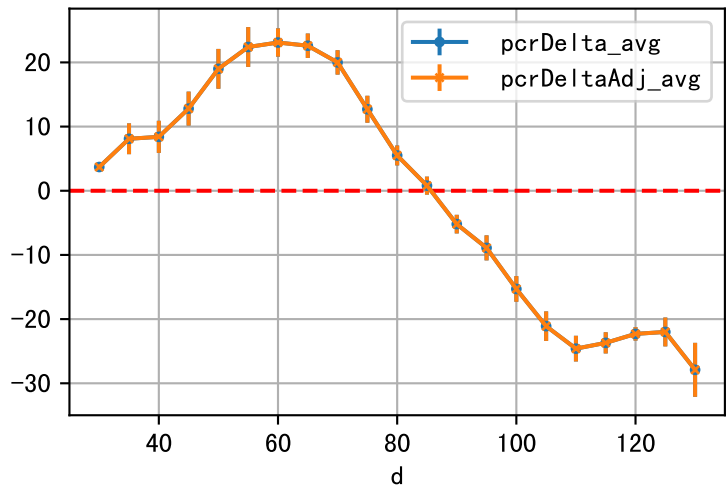


P10AW NdD: D_Q50_NdD

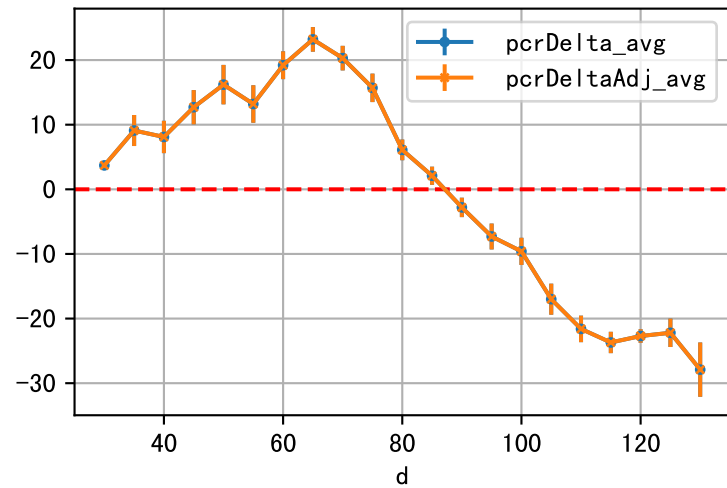
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

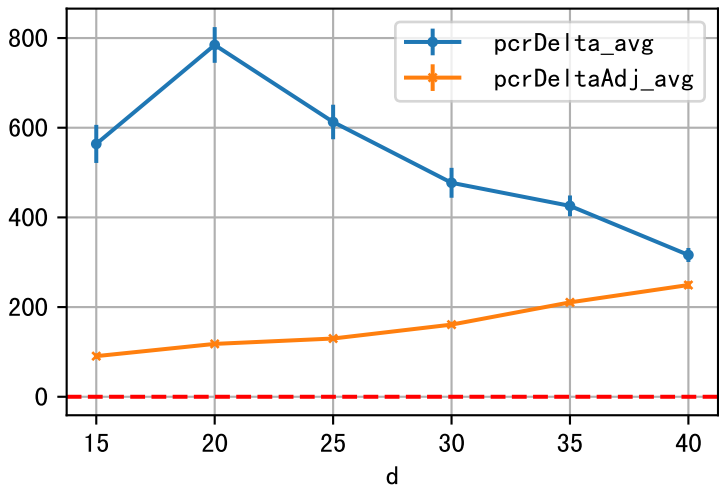


DeltaTypeAbbr=Wei AvgByD

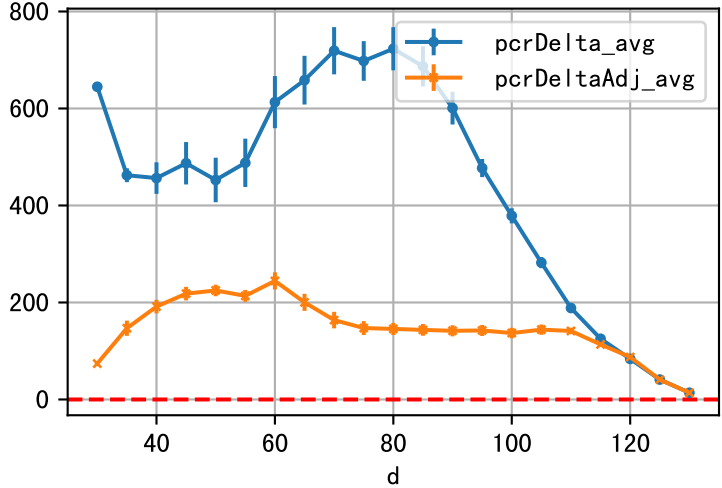


P10AW NdD: D_Est_NdD

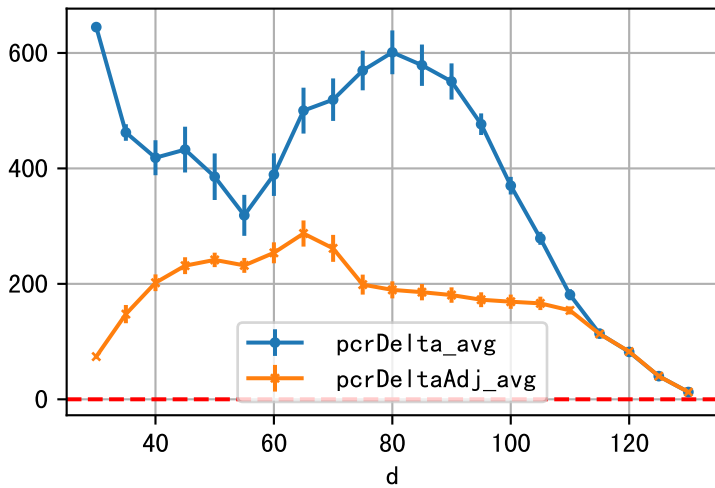
DeltaTypeAbbr=GrpByAge



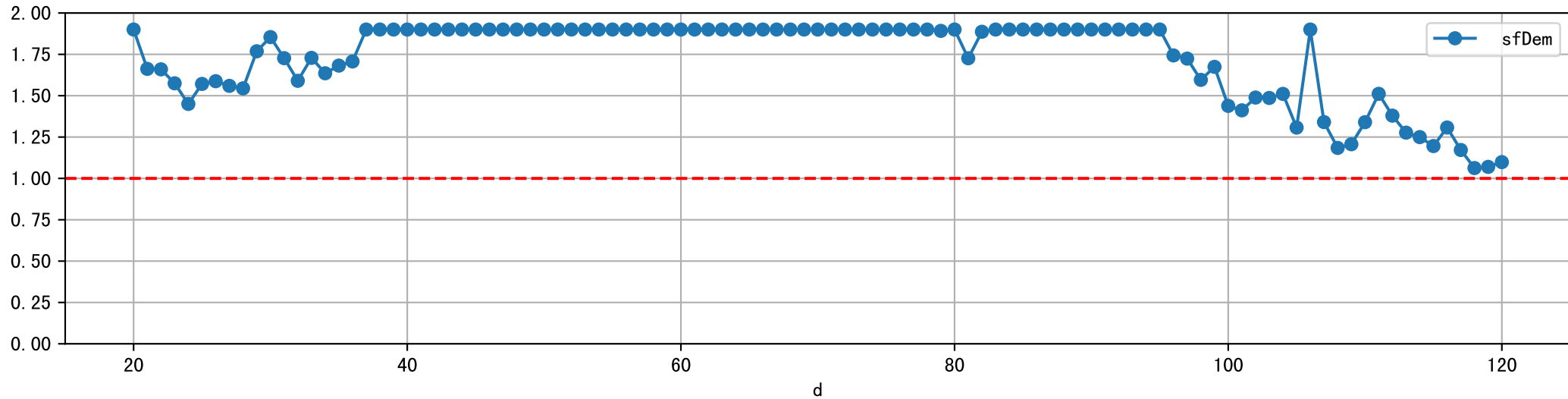
DeltaTypeAbbr=GrpByDay

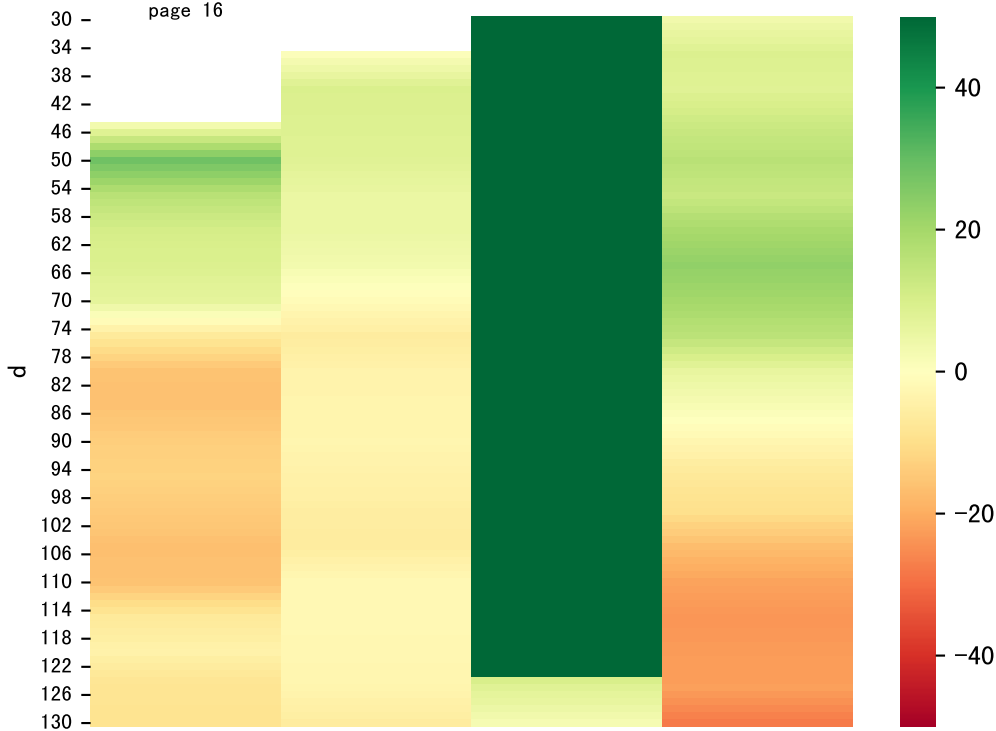


DeltaTypeAbbr=Wei AvgByD

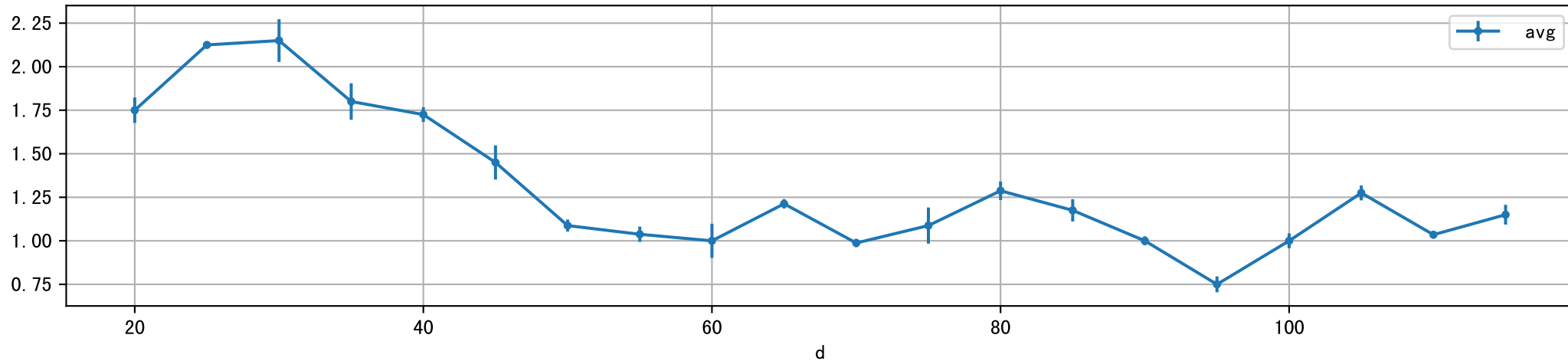


NdD: sfDem

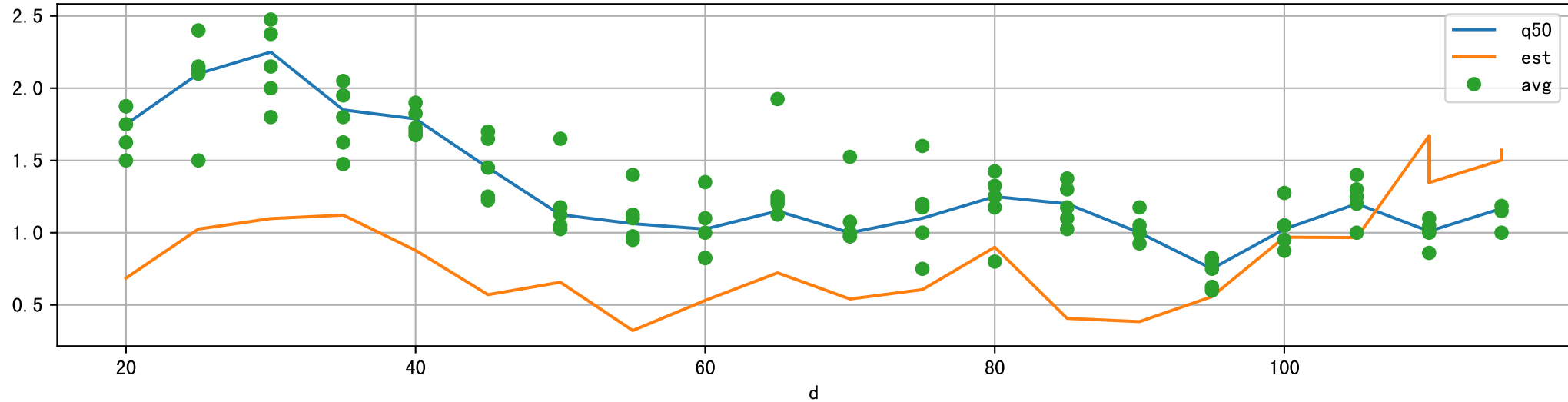




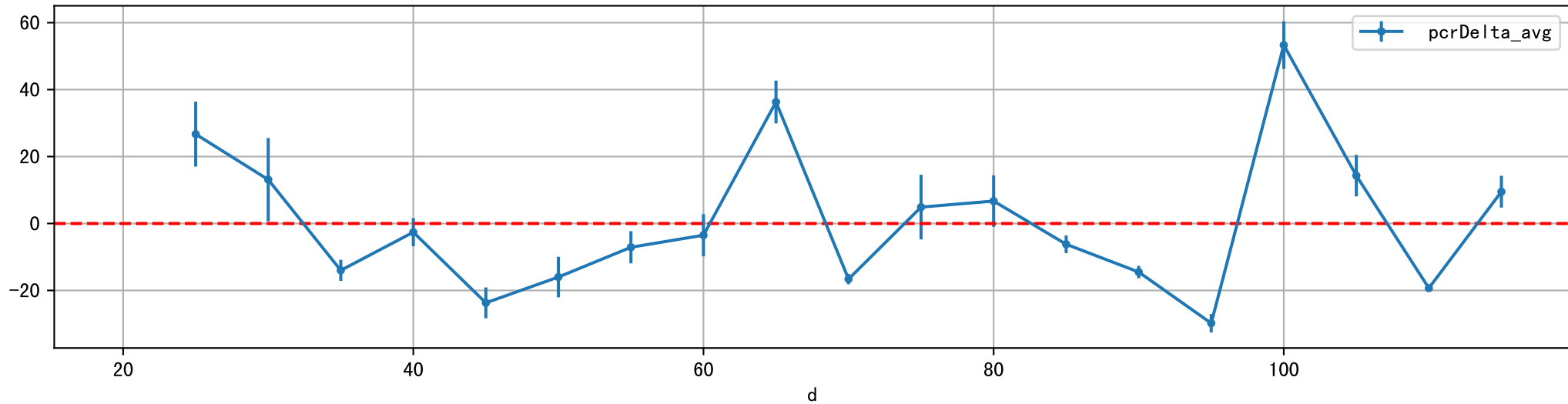
dStH: avg vs. d



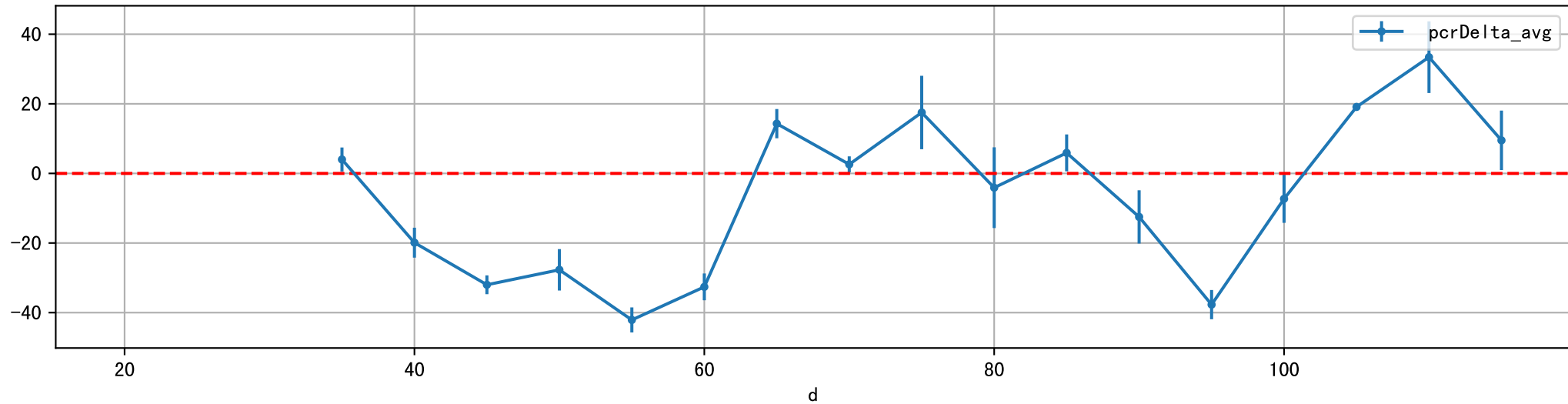
dStH: obsAvg vs obs0v@Q50



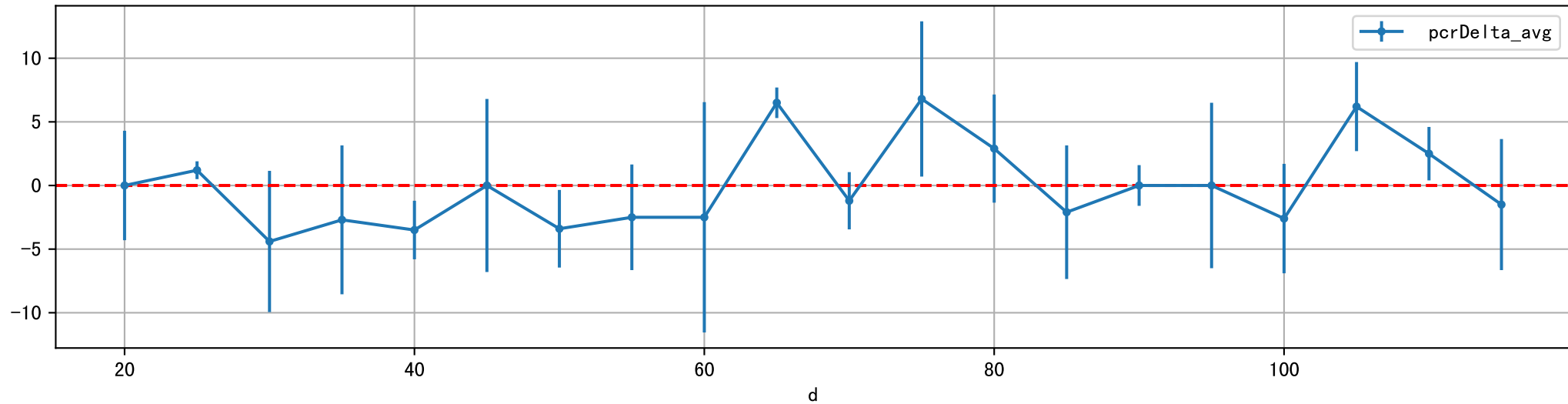
dStH: D_5d_StH



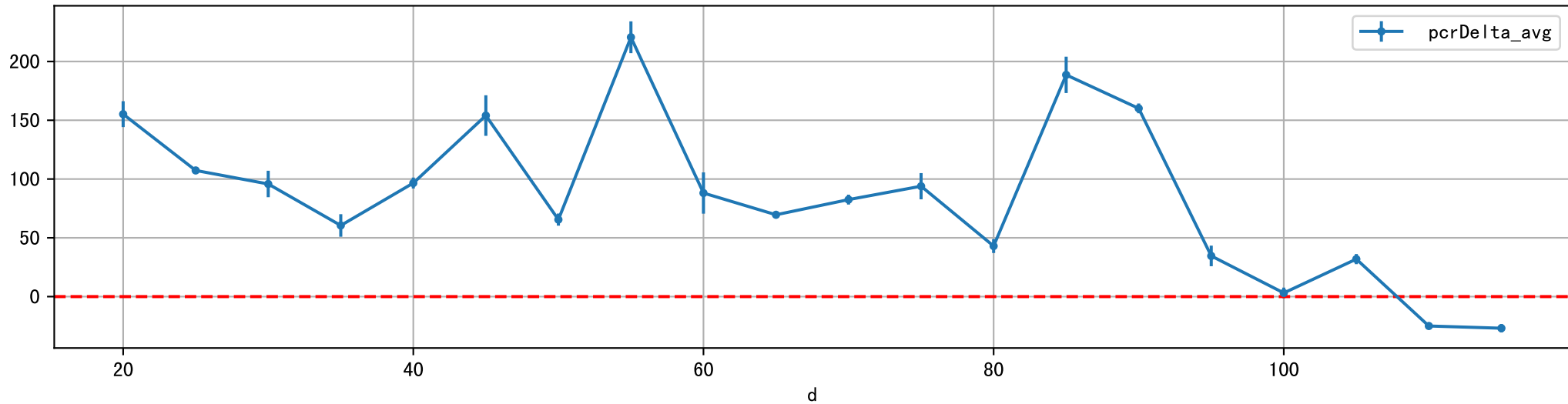
dStH: D_15d_StH



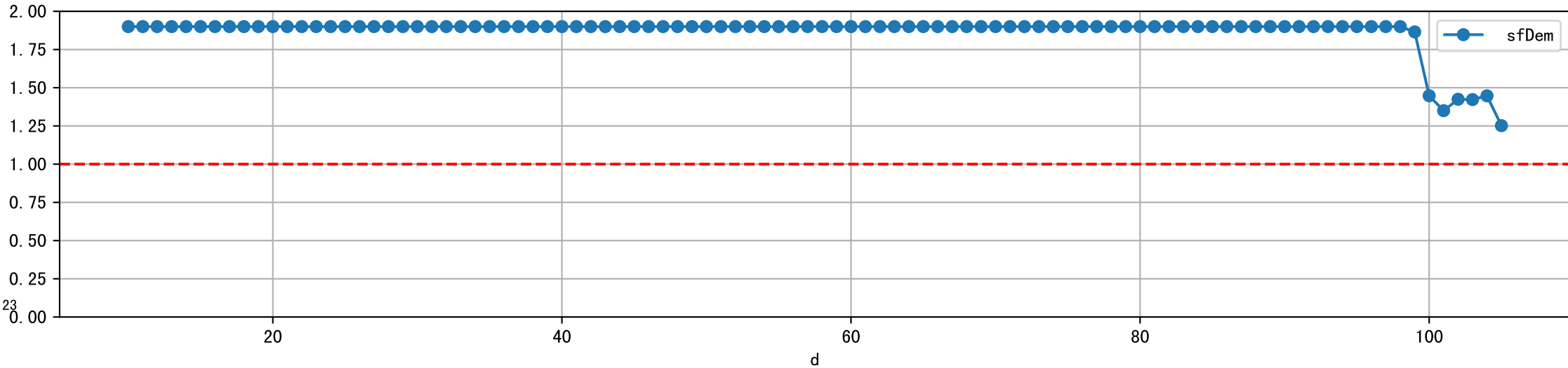
dStH: D_Q50_StH

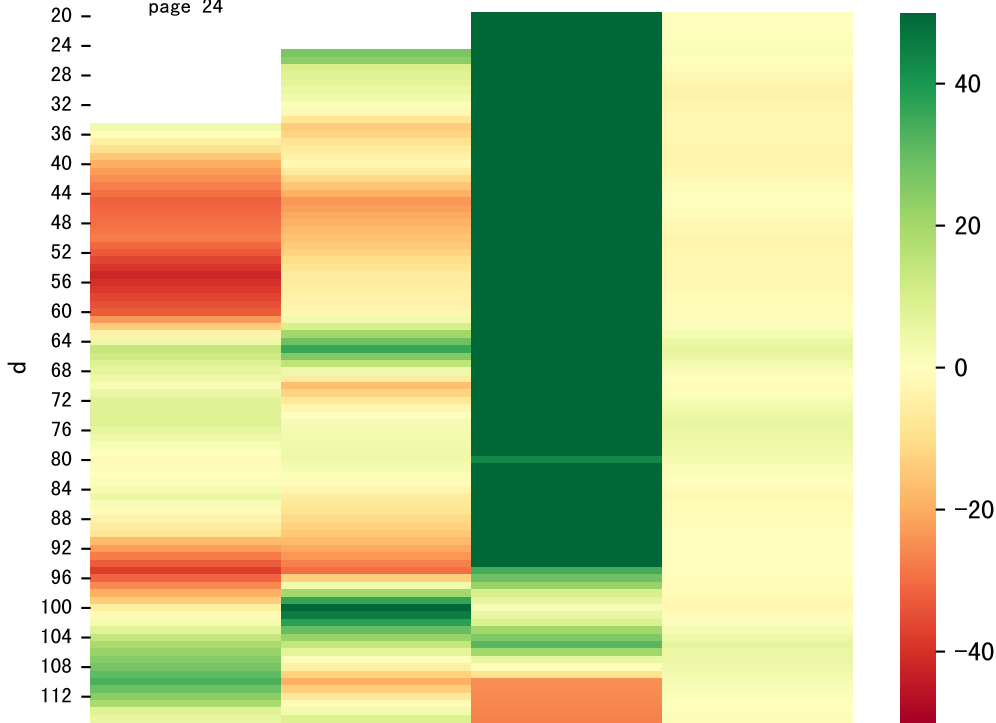


dStH: D_Est_StH



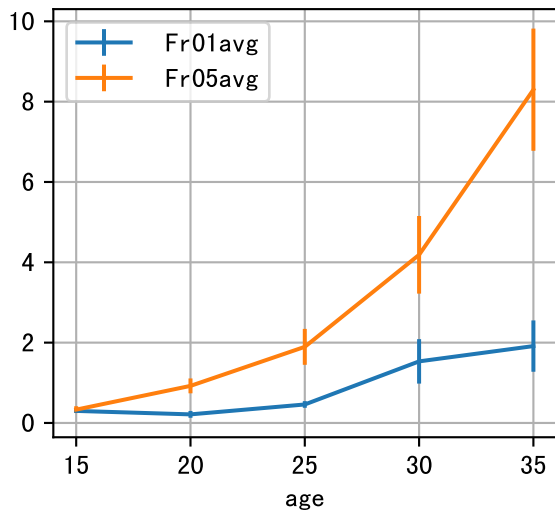
dStH: sfDem



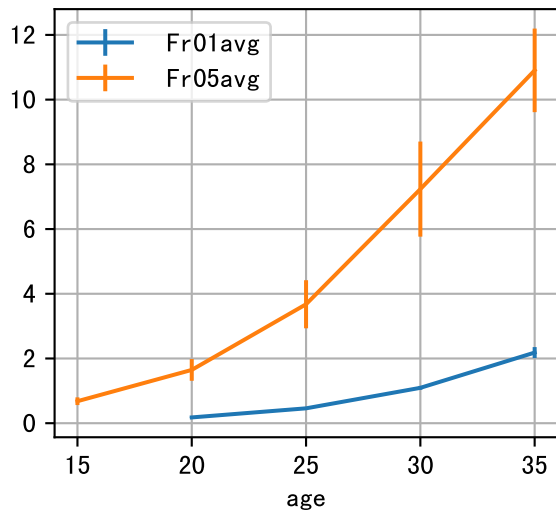


FrV: Fr01 vs Fr05 at each truss

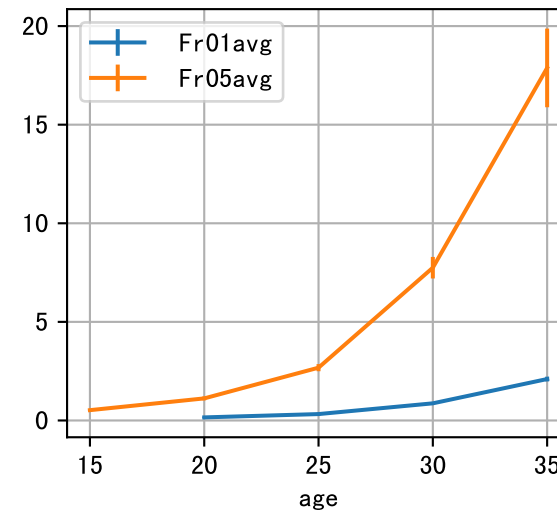
organID=T01



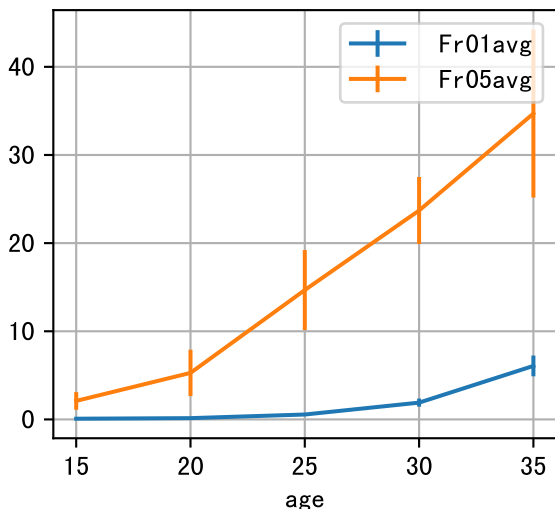
organID=T02



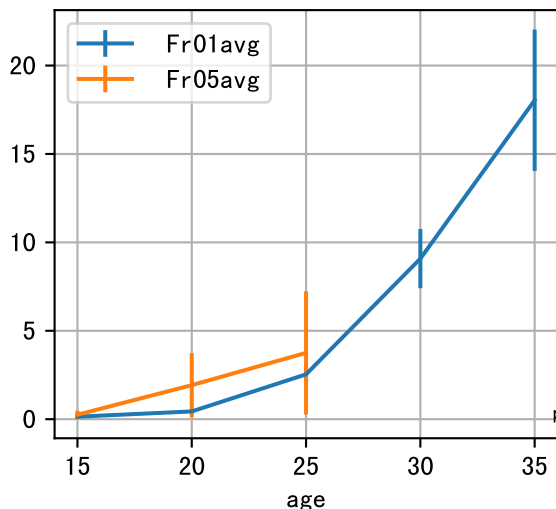
organID=T03



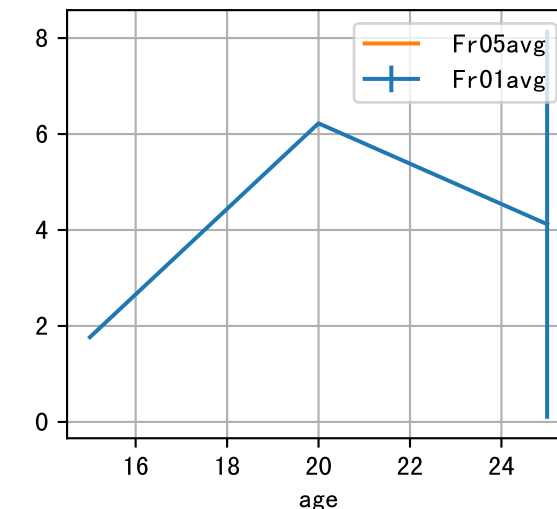
organID=T04



organID=T05

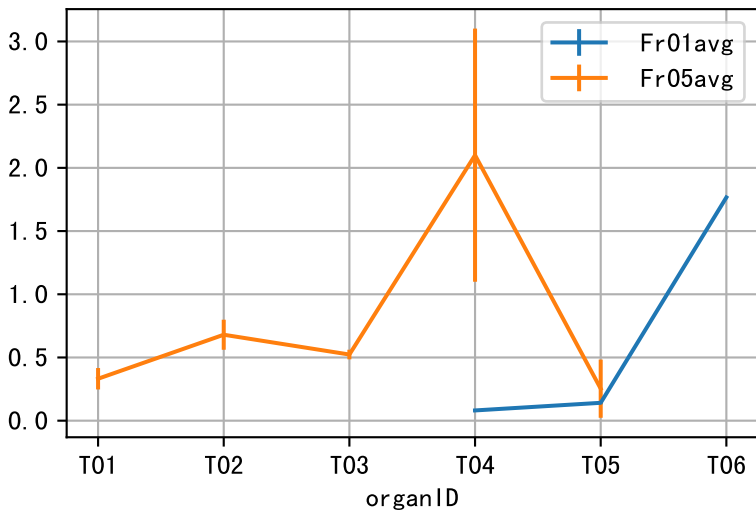


organID=T06

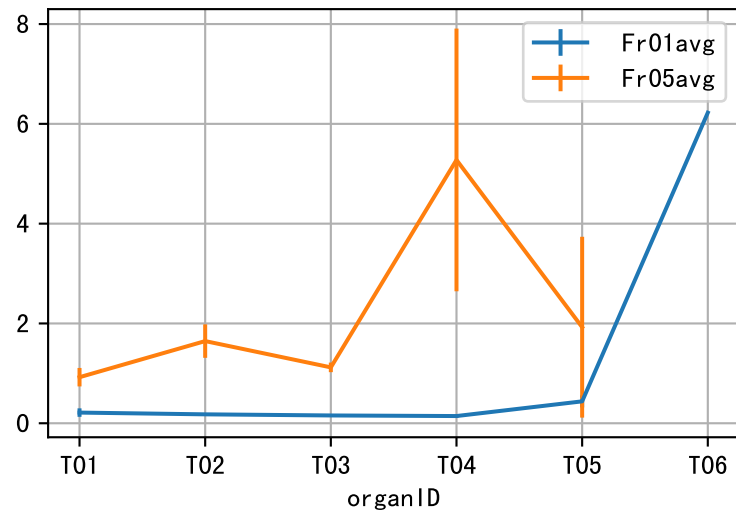


FrV trend at each age

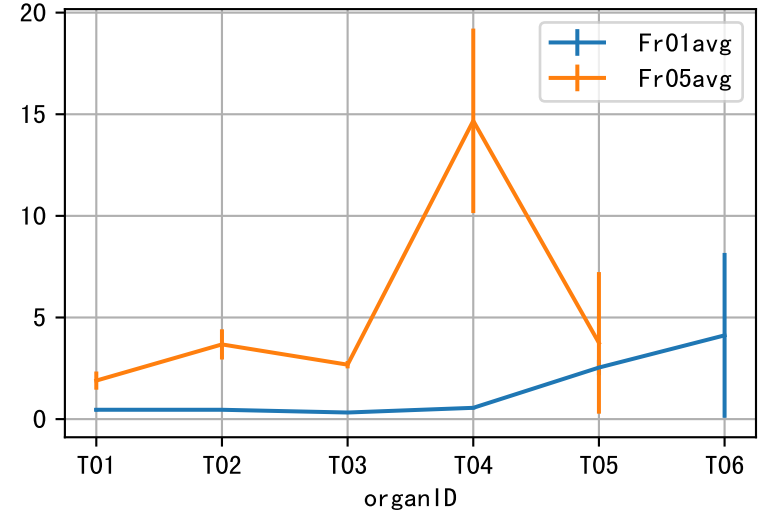
age=15



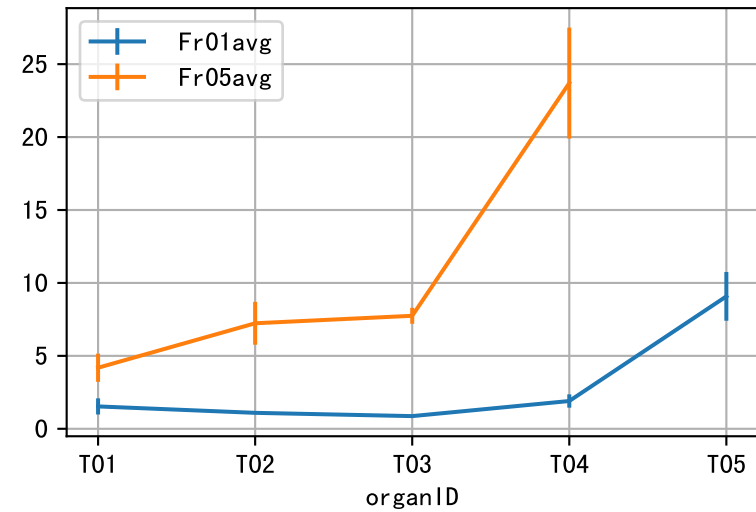
age=20



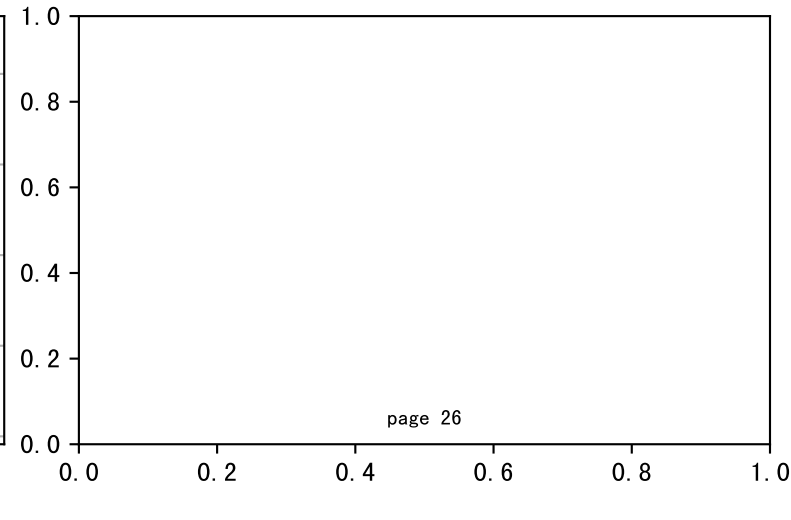
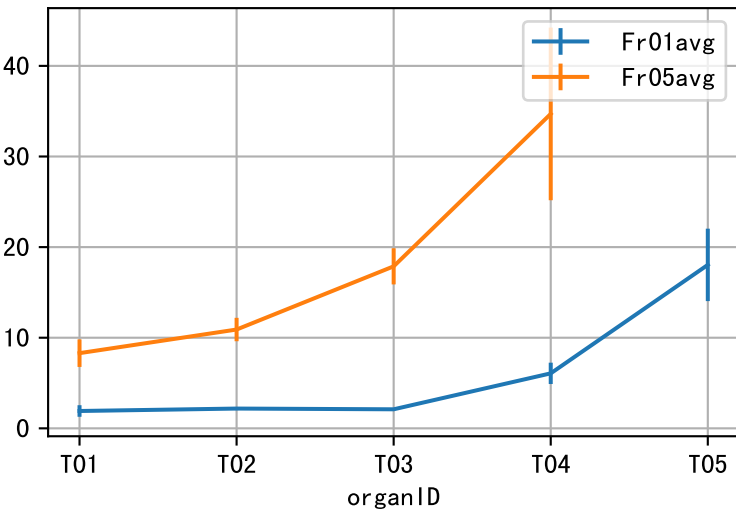
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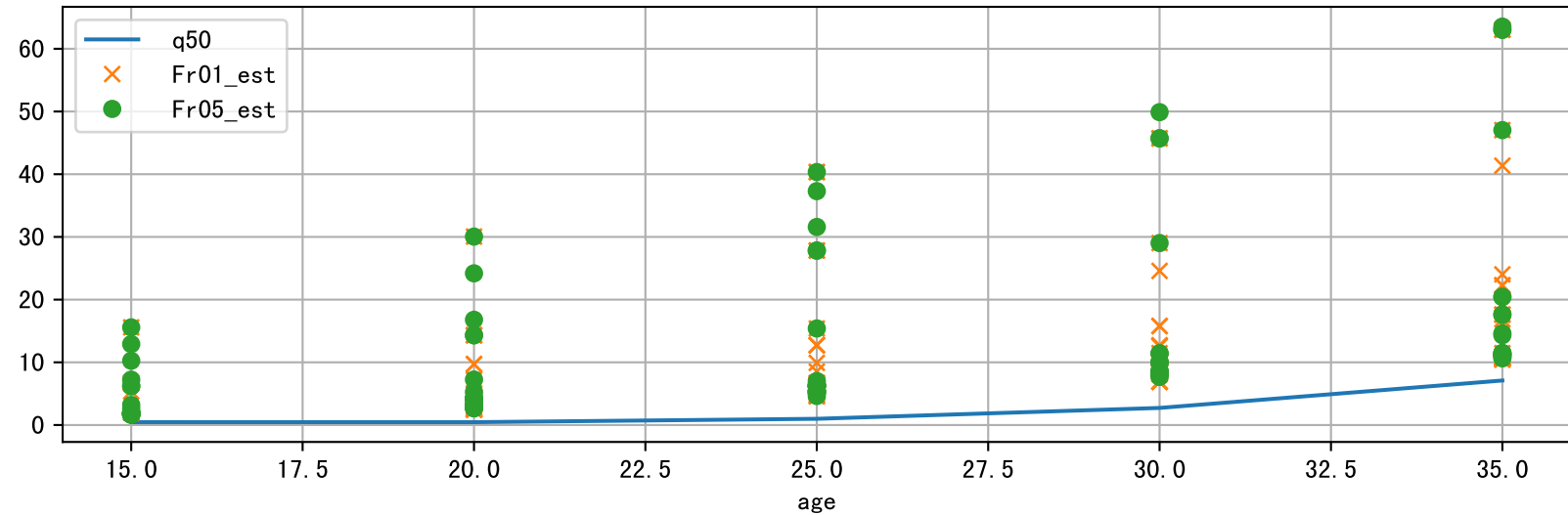
age=30



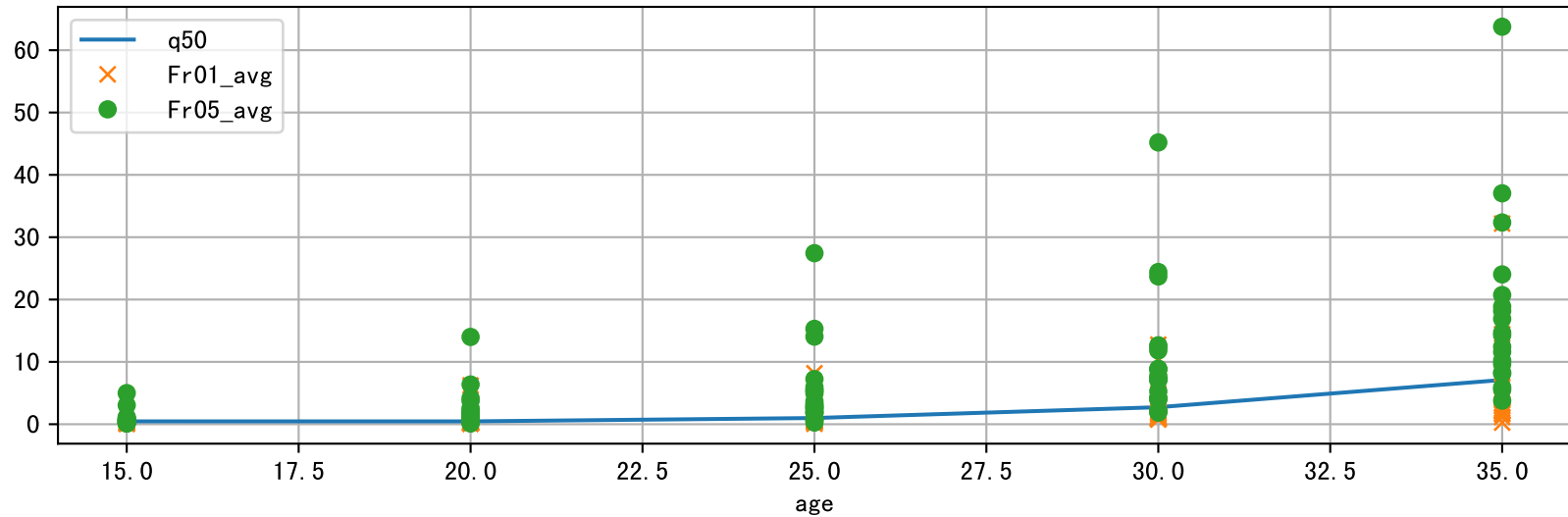
age=35



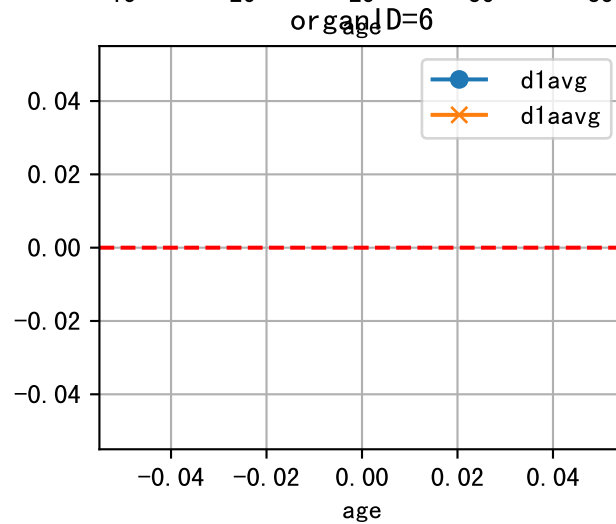
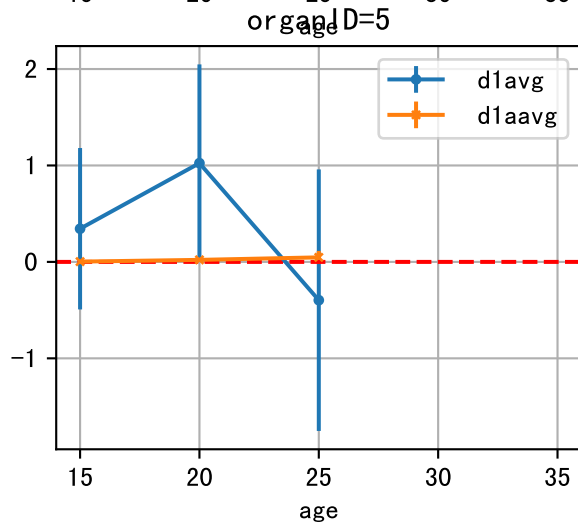
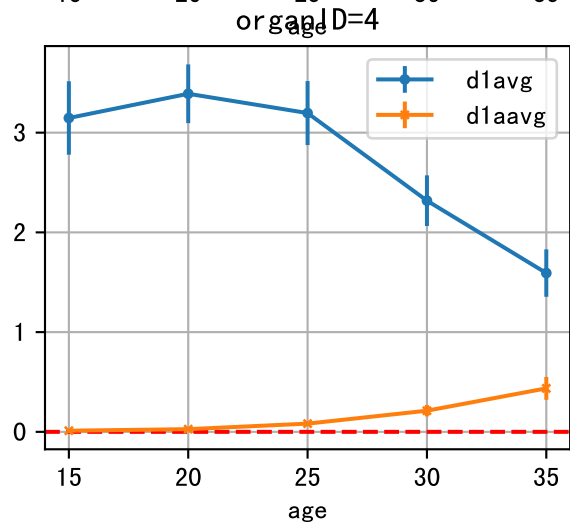
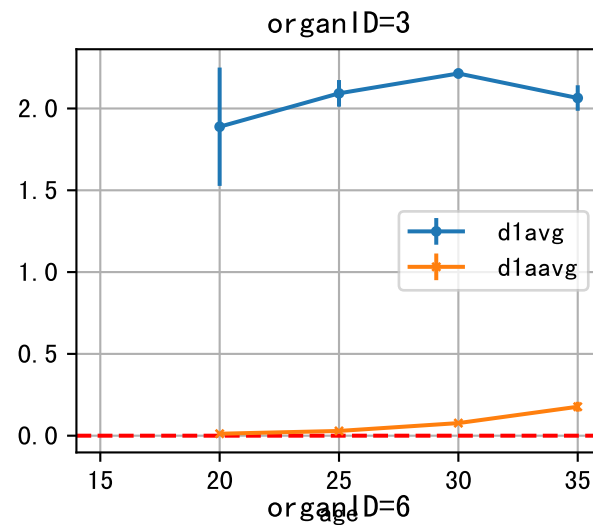
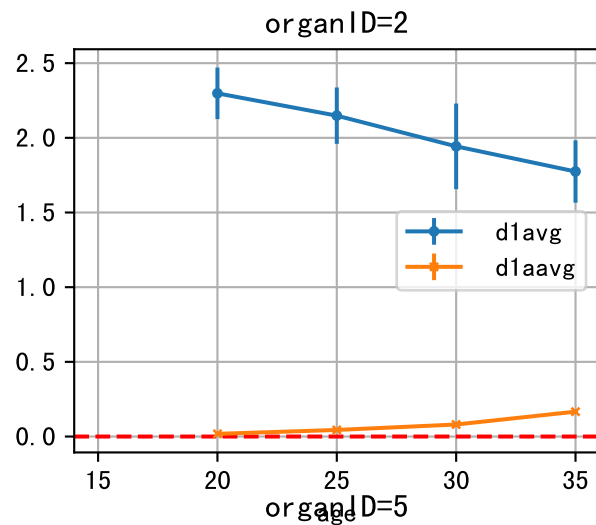
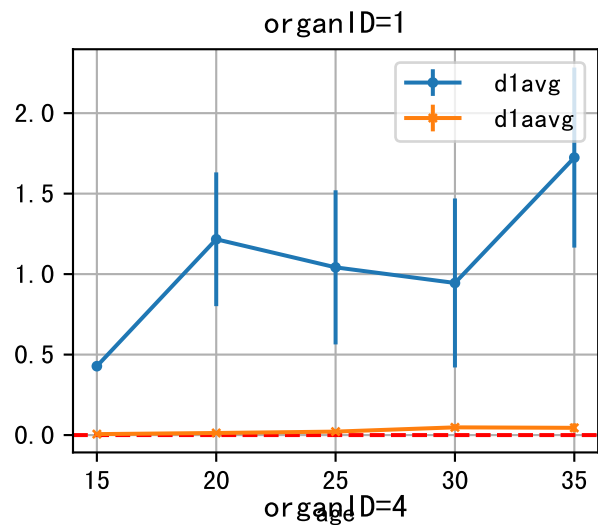
FrV: model Est vs obsFrV at Q90



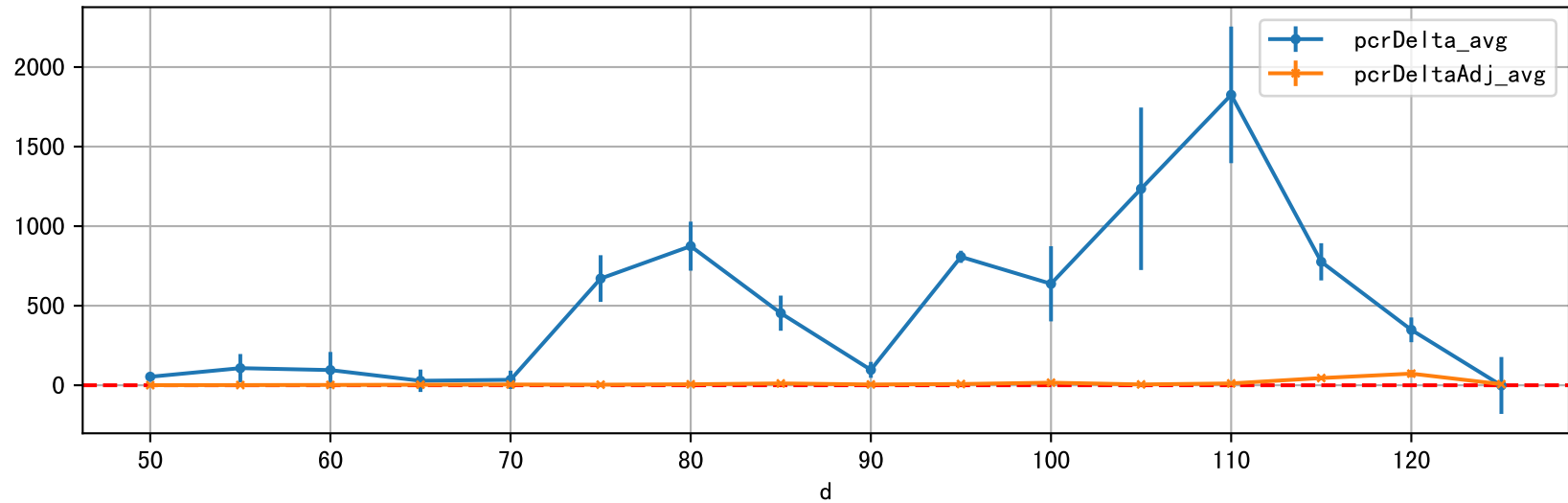
FrV: obsFrV vs obsFrV@Q90



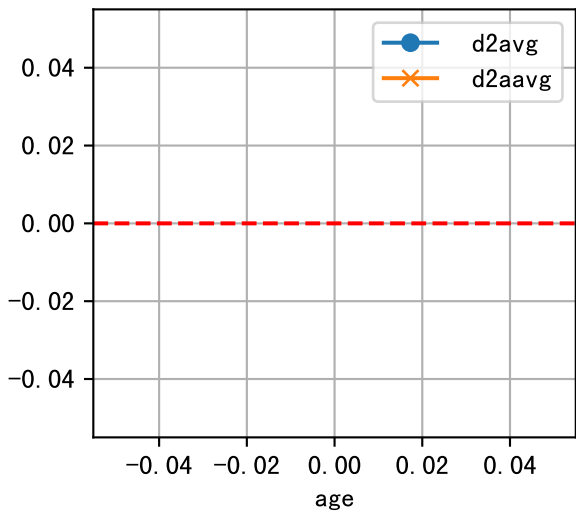
FrV: D_Fr1_FrV



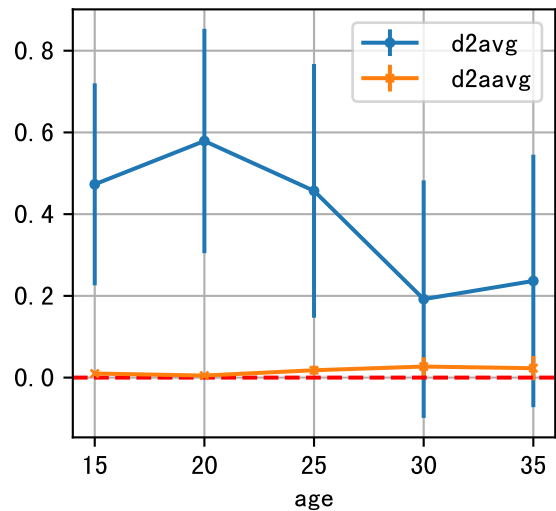
P10AW FrV: D_Fr1_FrV



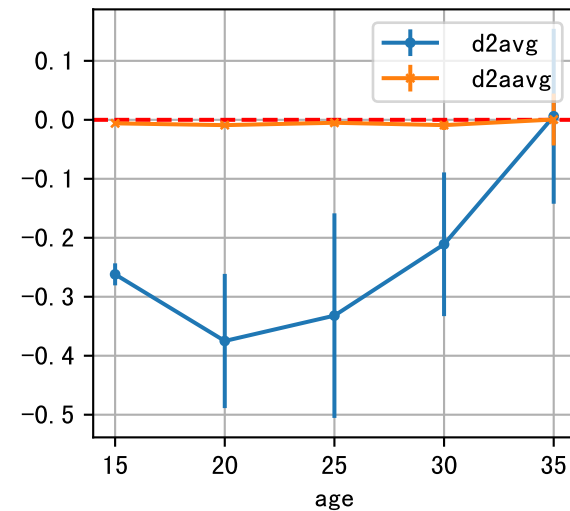
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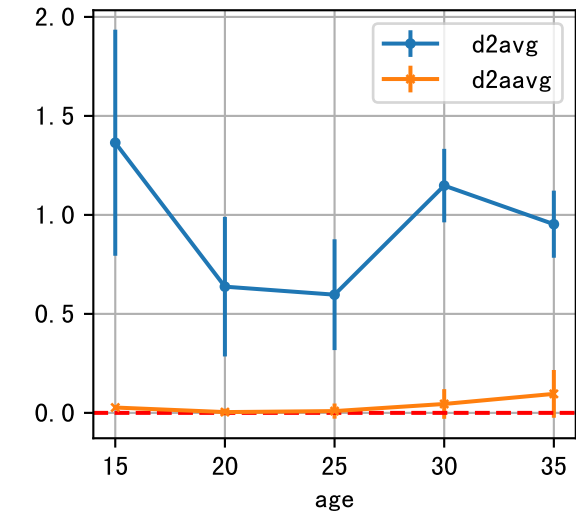
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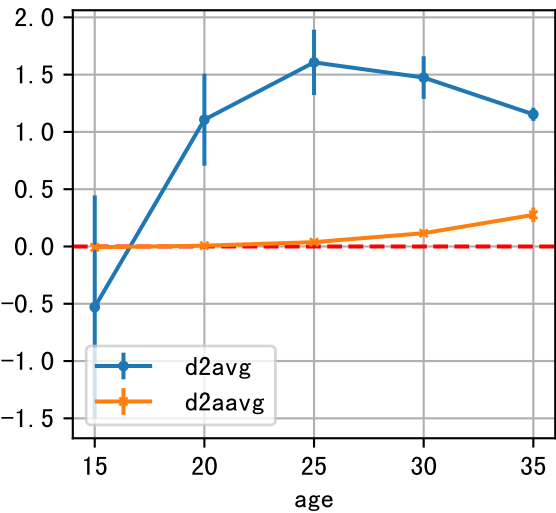
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organID=4

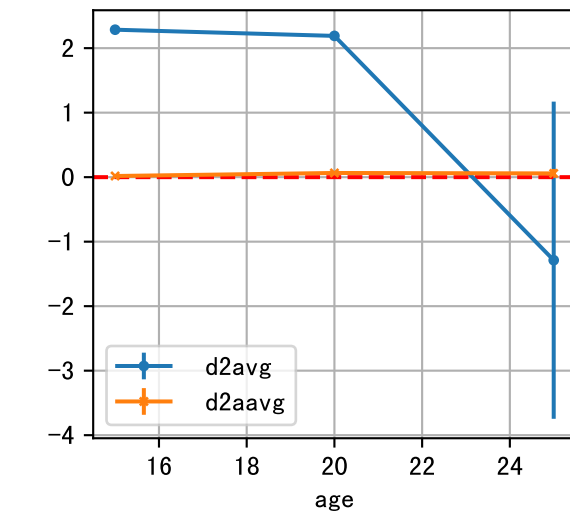


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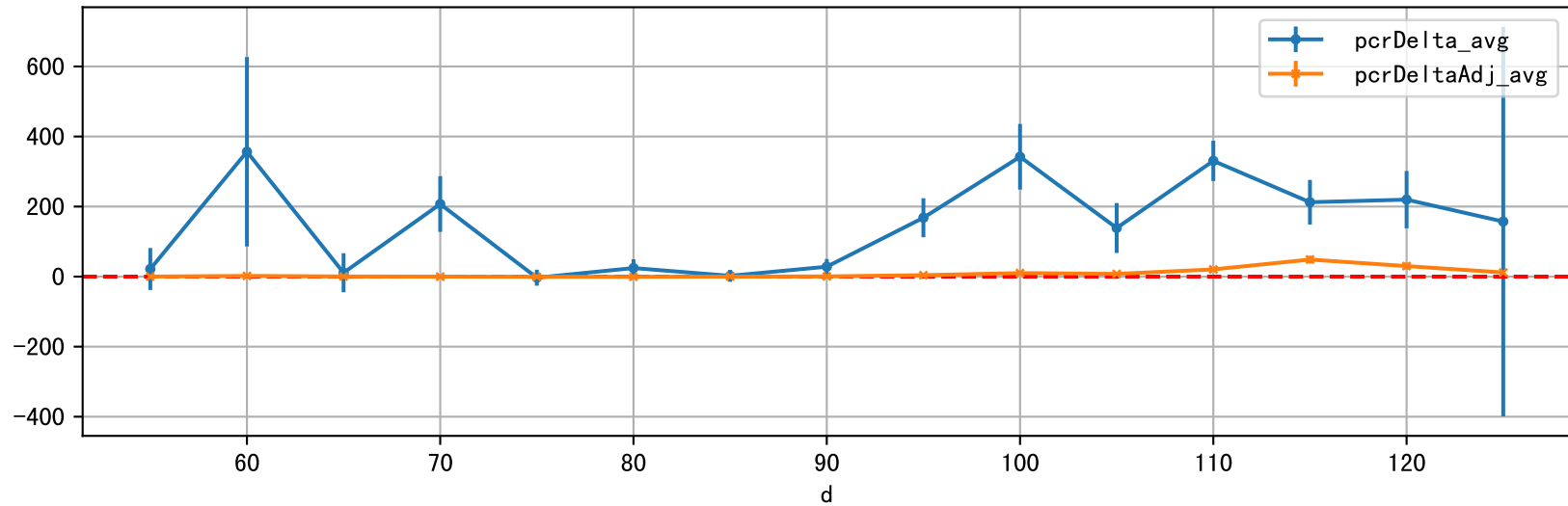


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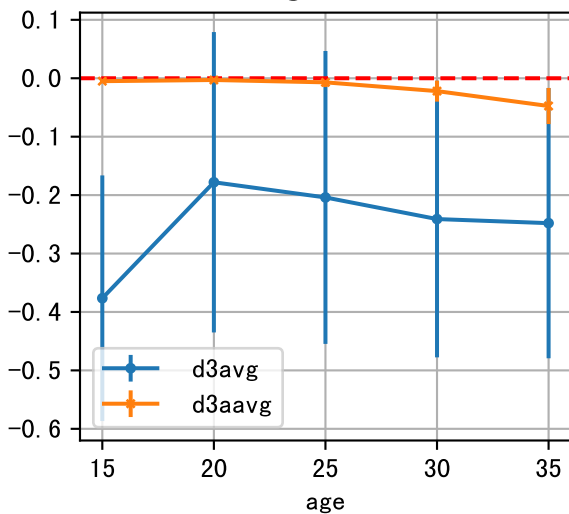
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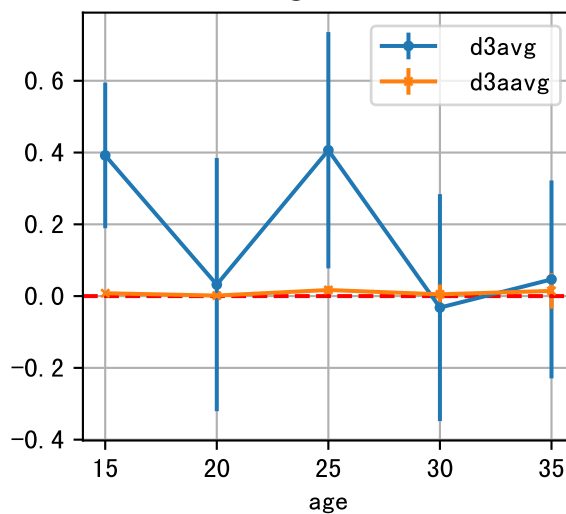
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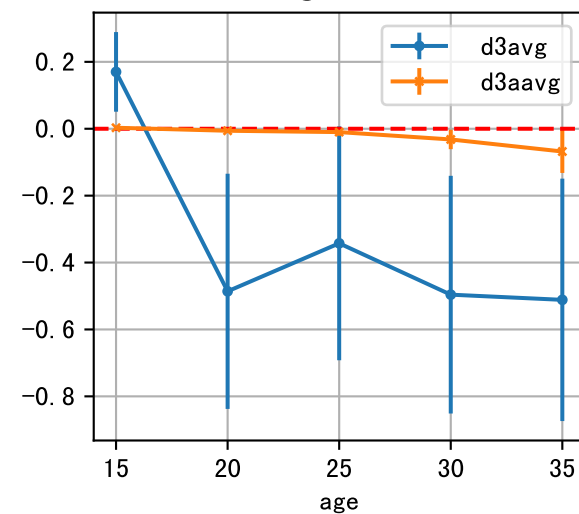
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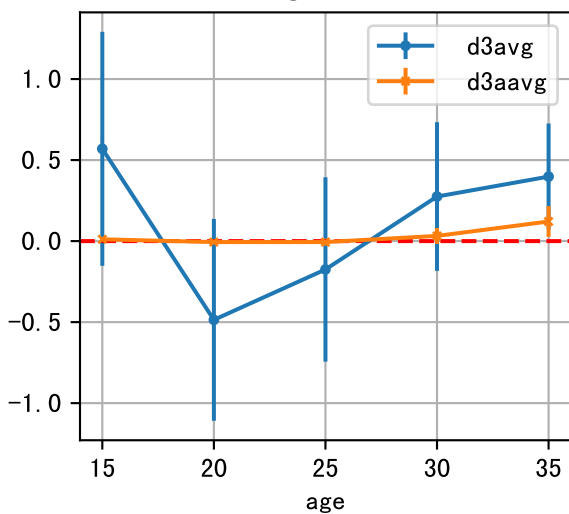
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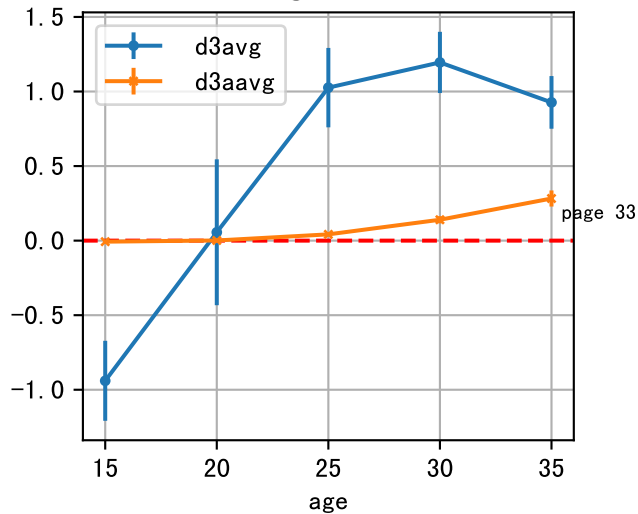
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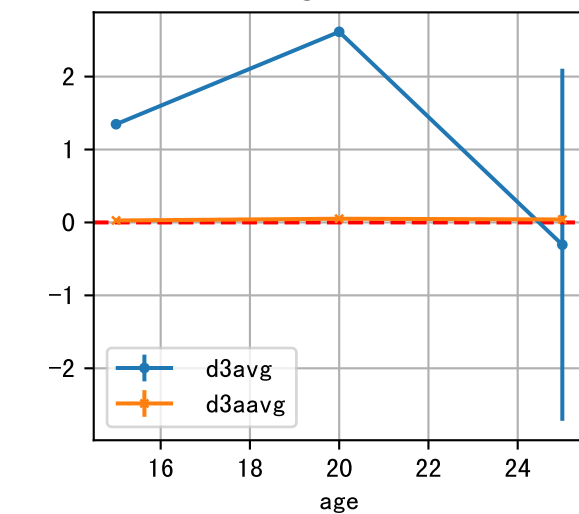


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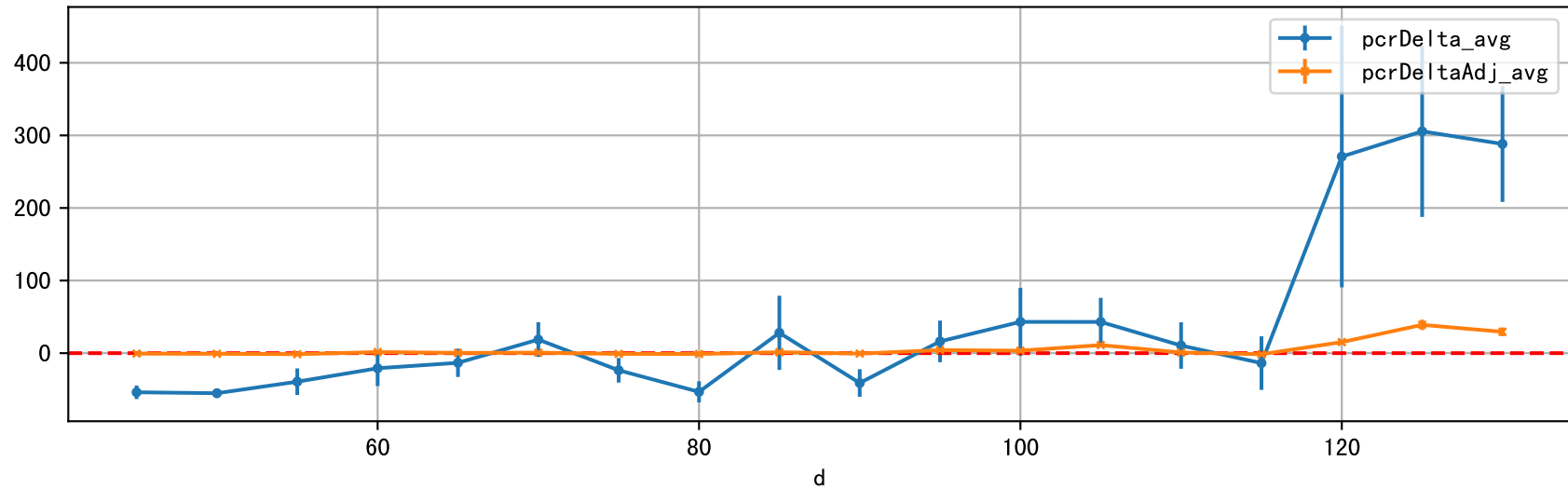


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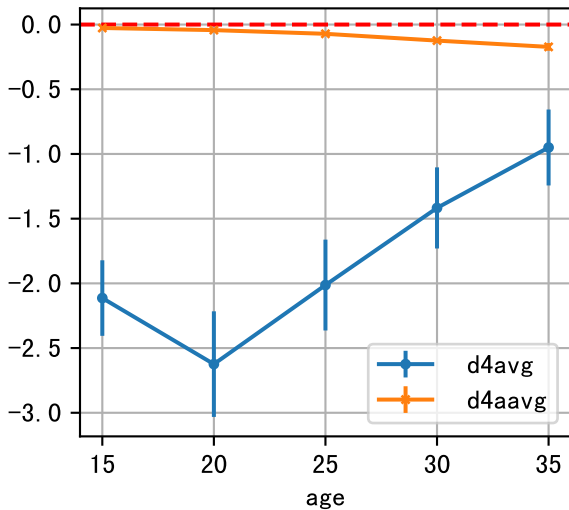
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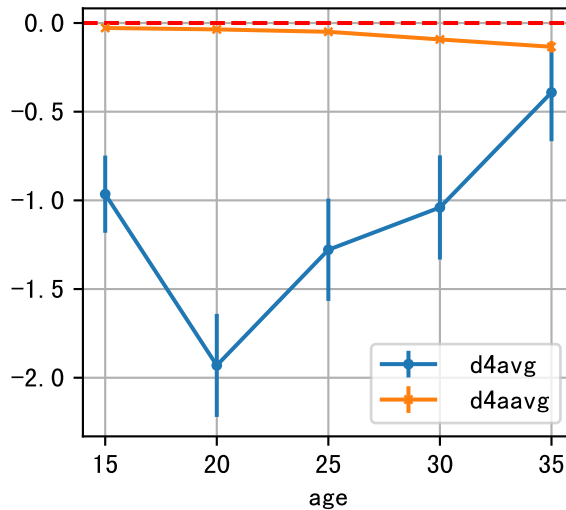
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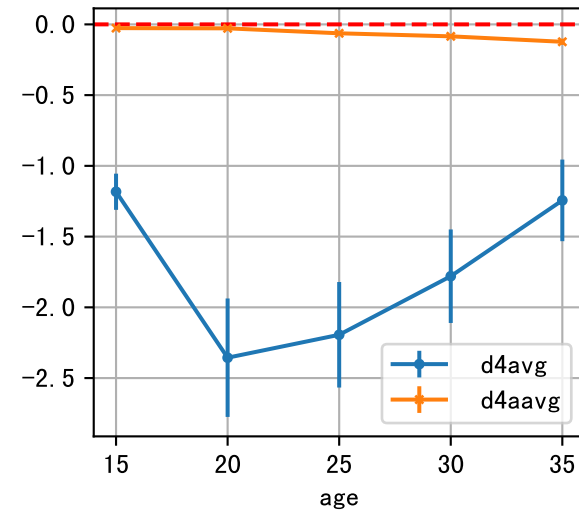
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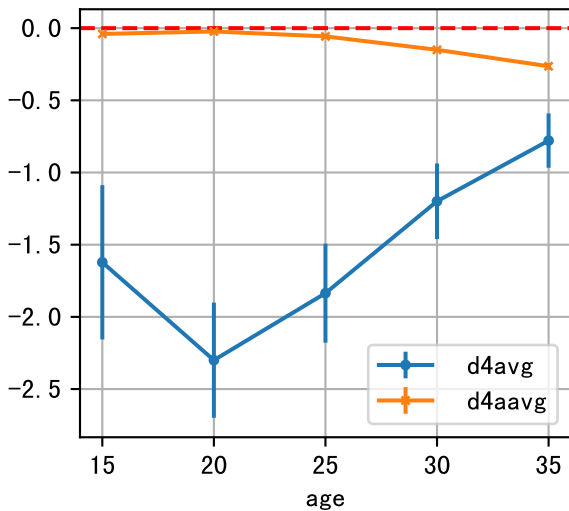
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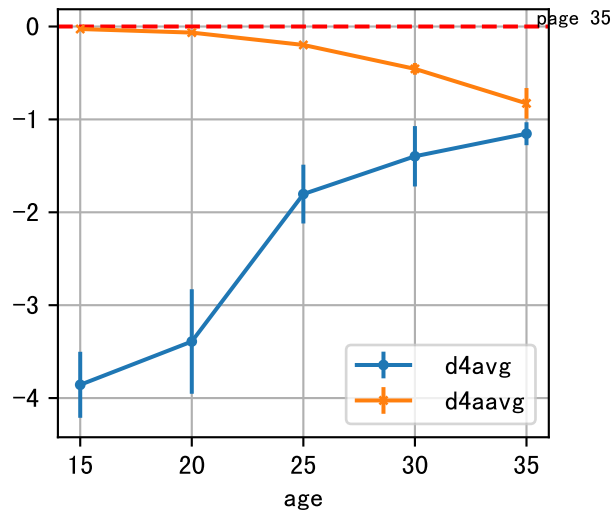
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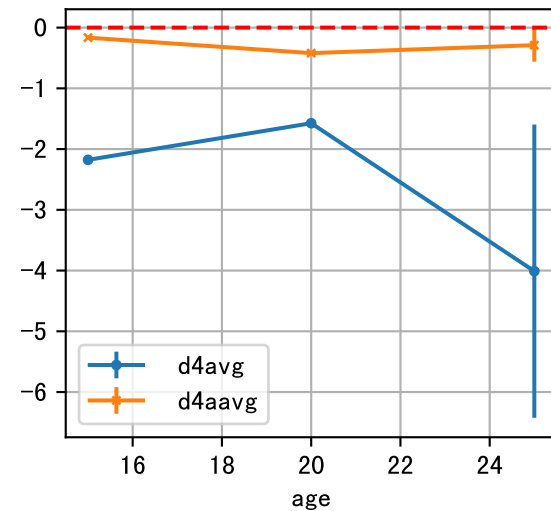
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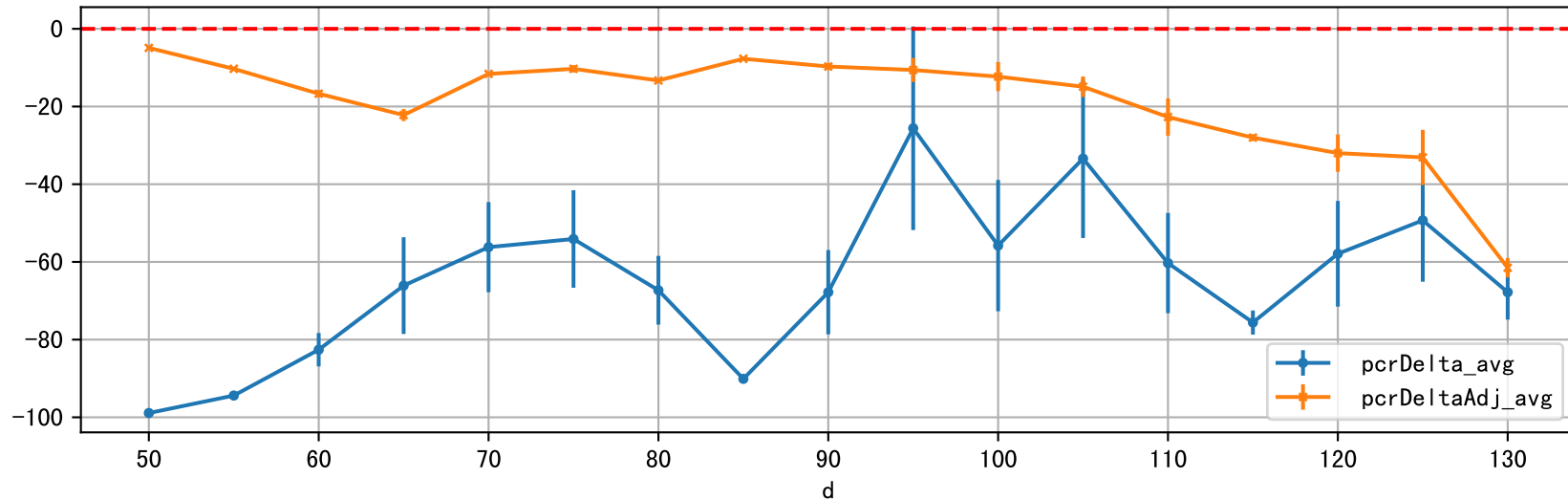
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organID=6



P10AW FrV: D_Est_FrV



P10AW FrV: sfDem

