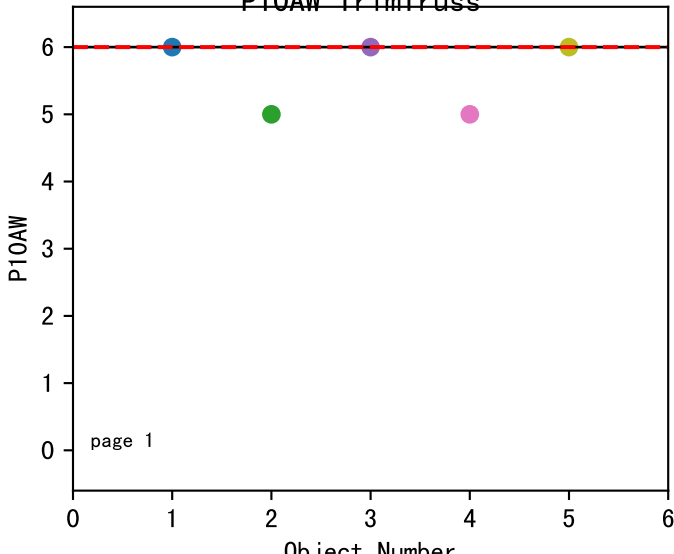


Phenotype Data Analysis Plots
PhenoData day range = 18 - 152
Analysis cutoff day = 152
NC11 P10
2026-03-20 (Day 153)

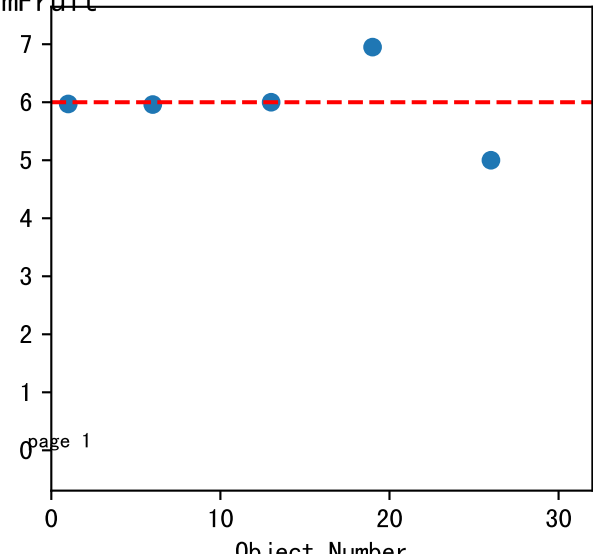
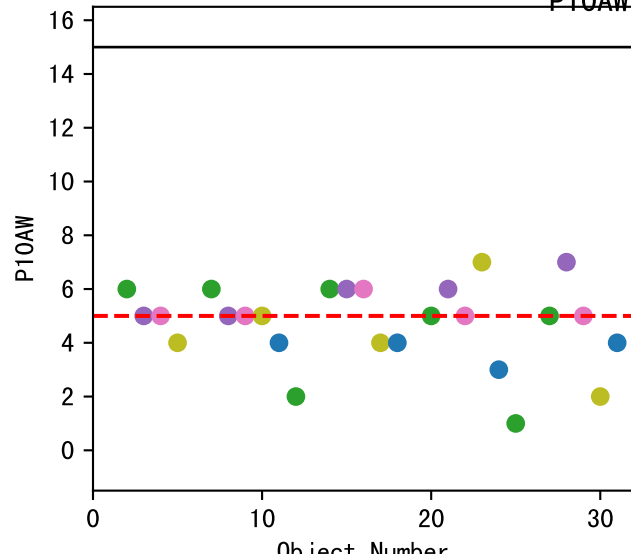
avg1=0.09% avg2=na
P10AW TrimTruss

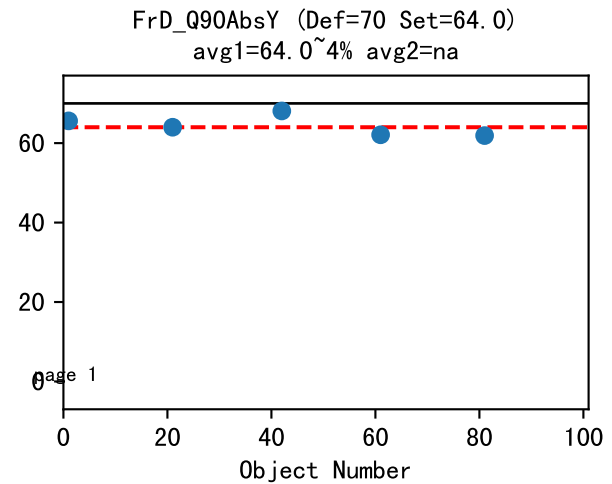
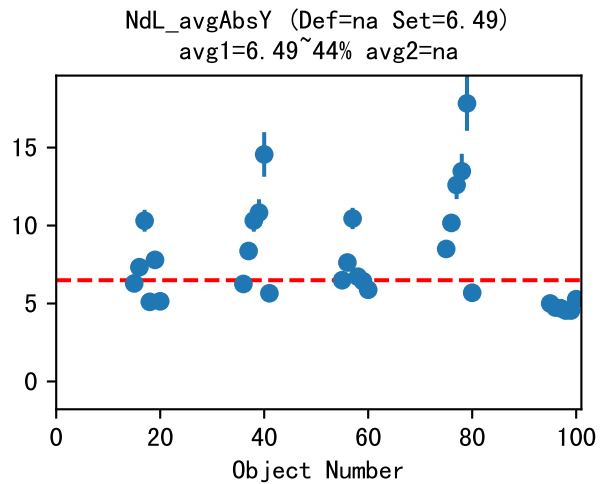
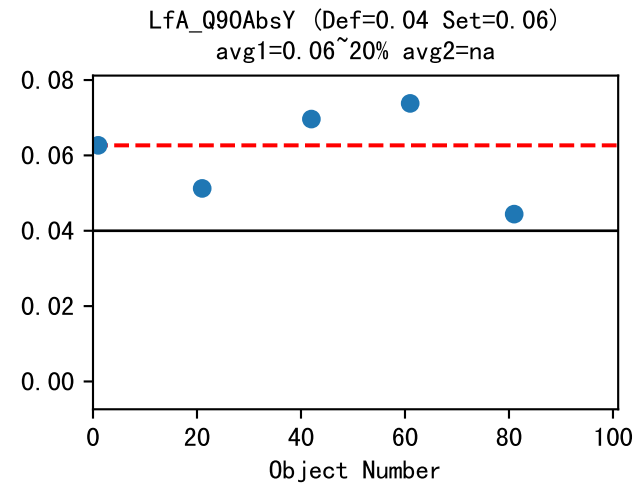
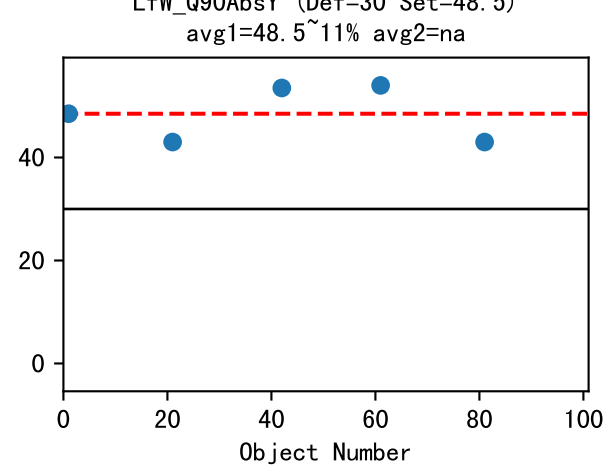
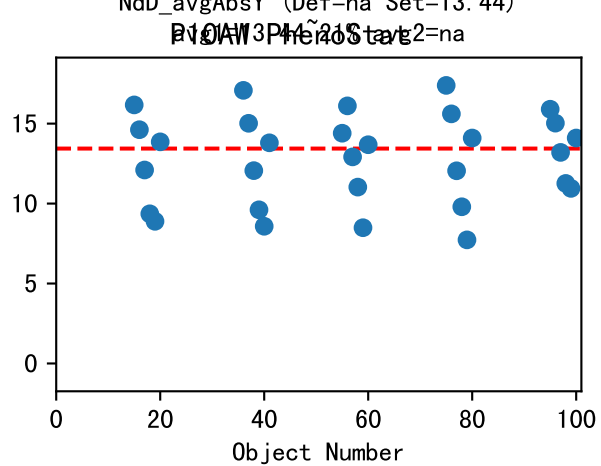
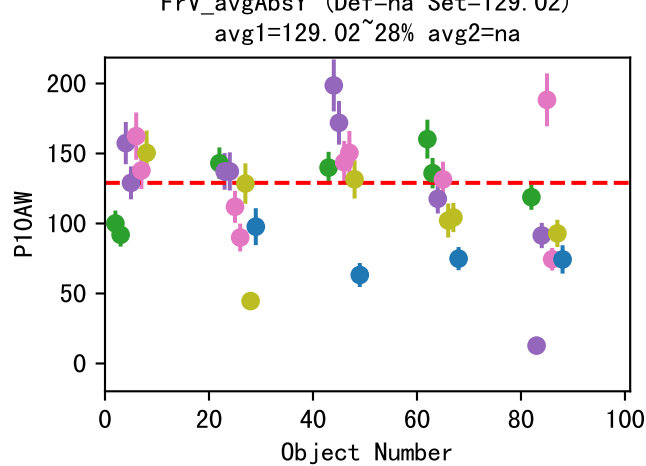


avg1=5.0 30% avg2=na

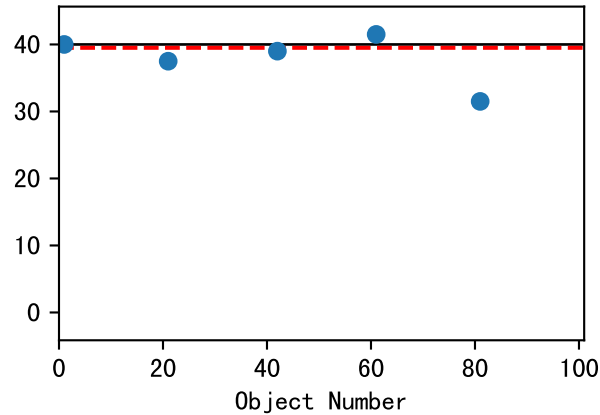
P10AW TrimFruit

avg1=6.0 0% avg2=na

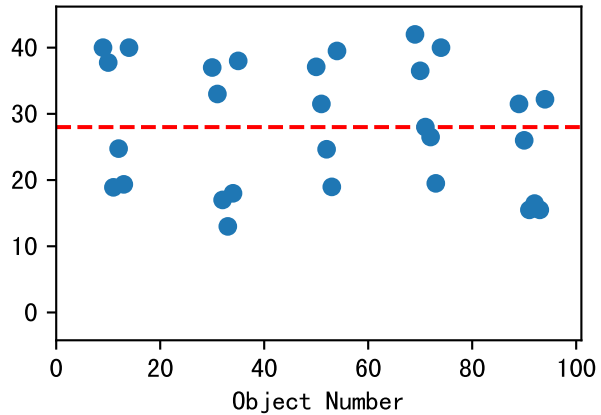




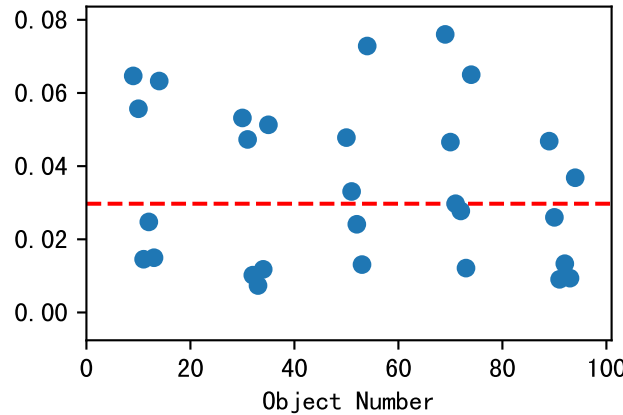
LTL_Q90AbsY (Def=40 Set=39.5)
avg1=39.5~4% avg2=na



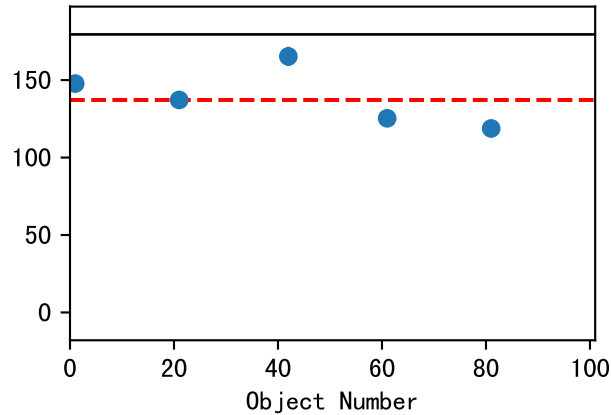
LTL_avgAbsY (Def=na Set=28.0)
avg1=28.0~34% avg2=na



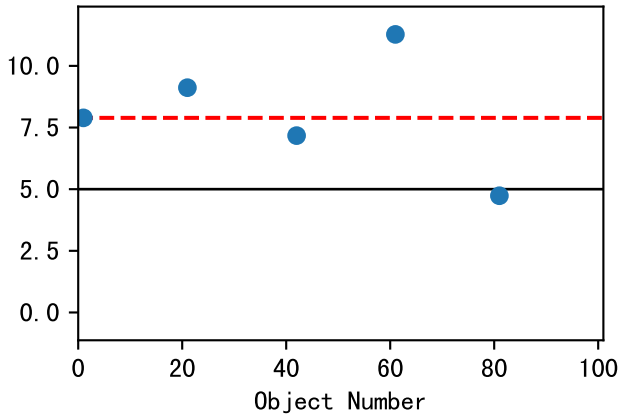
LTA_avgAbsY (Def=na Set=0.03)
avg1=0.03~73% avg2=na



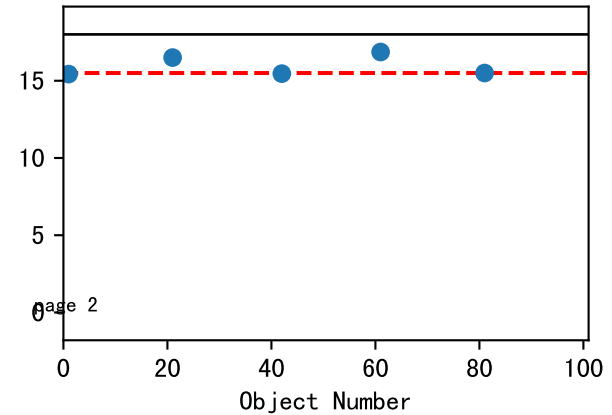
FrV_Q90AbsY (Def=179.5 Set=137.19)
avg1=137.19~13% avg2=na



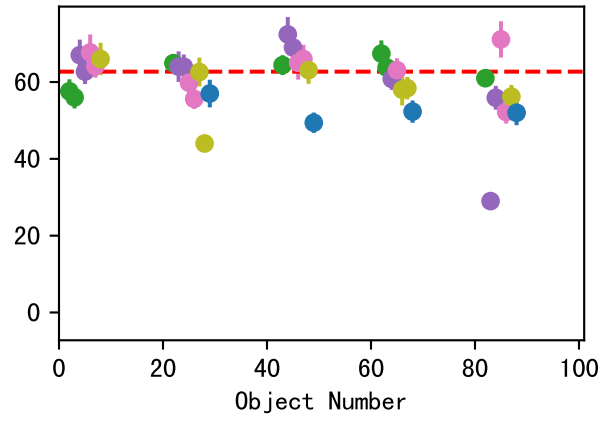
NdL_Q90AbsY (Def=5 Set=7.89)
avg1=7.89~31% avg2=na



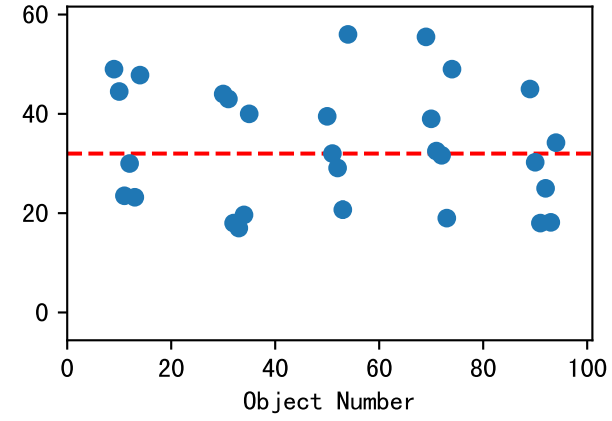
NdD_Q90AbsY (Def=18 Set=15.5)
avg1=15.5~4% avg2=na



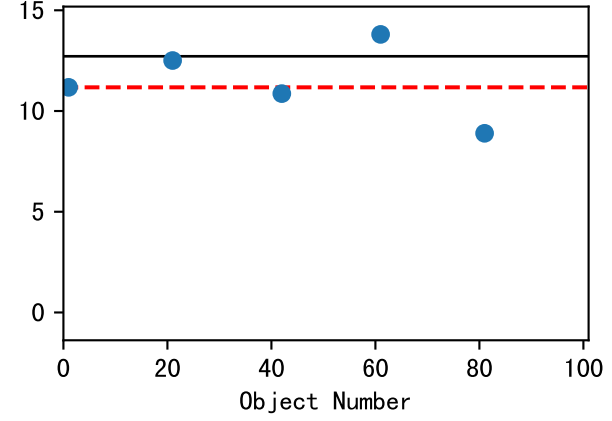
FRD_avgAbsY (Def=na Set=62.7)
avg1=62.7~10% avg2=na



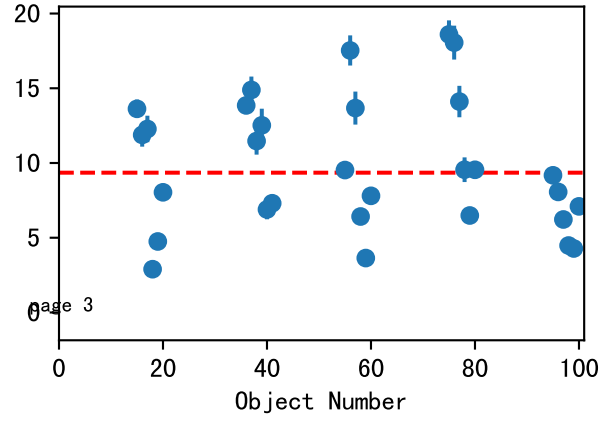
LTW_avgAbsY (Def=na Set=32.0)
avg1=32.0~38% avg2=na



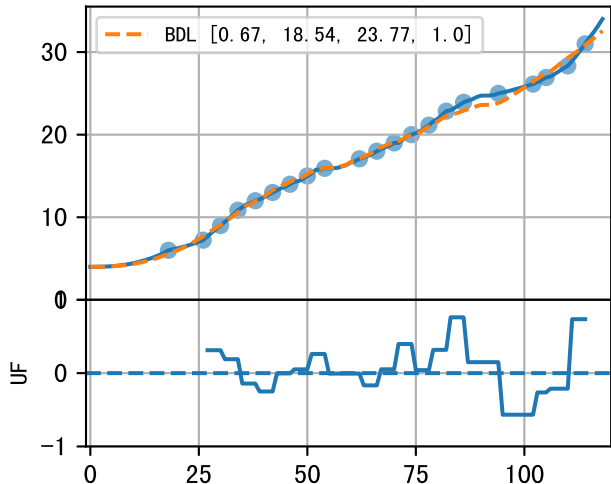
Ndv_Q90AbsY (Def=12.72 Set=11.18)
avg1=11.18~17% avg2=na



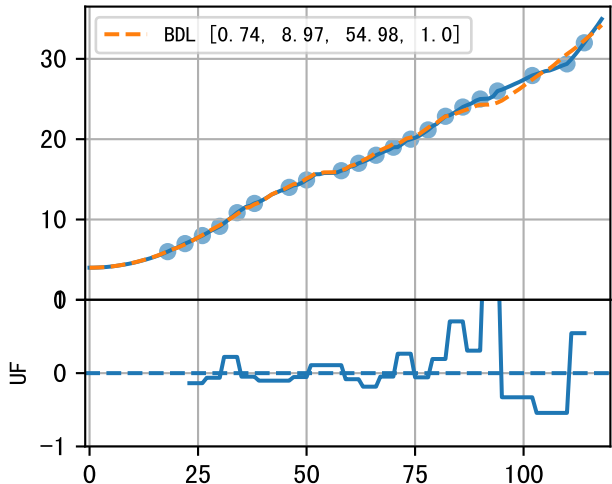
NdV_avgAbsY (Def=na Set=9.35)
avg1=9.35~47% avg2=na



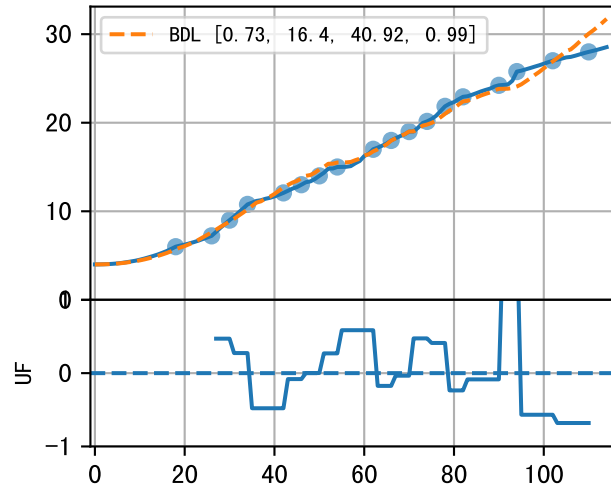
P10AW-004-12 (fit failed)



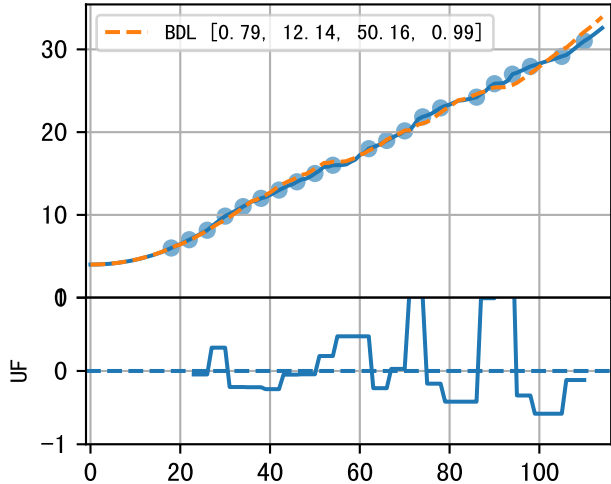
P10AW-010-25 (fit failed)



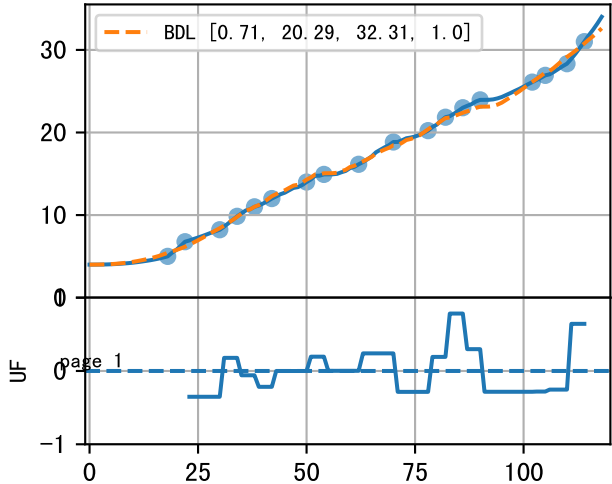
P10AW-017-16 (fit failed)



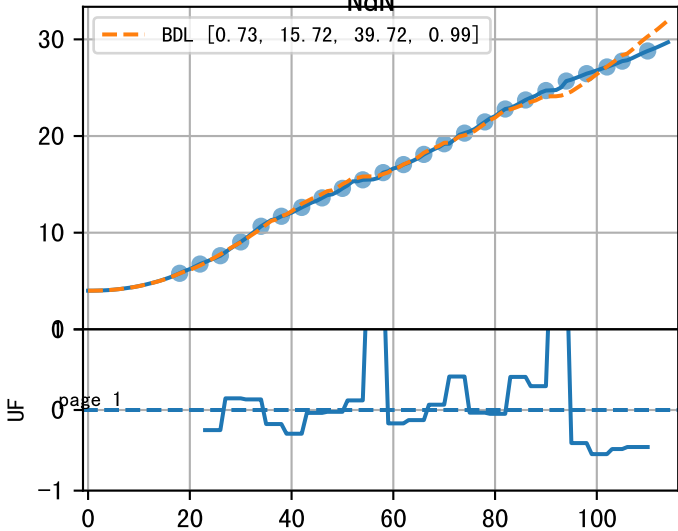
P10AW-025-3 (fit failed)

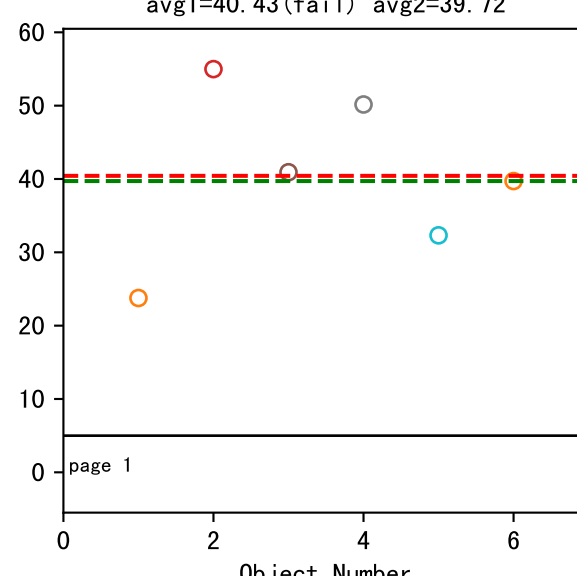
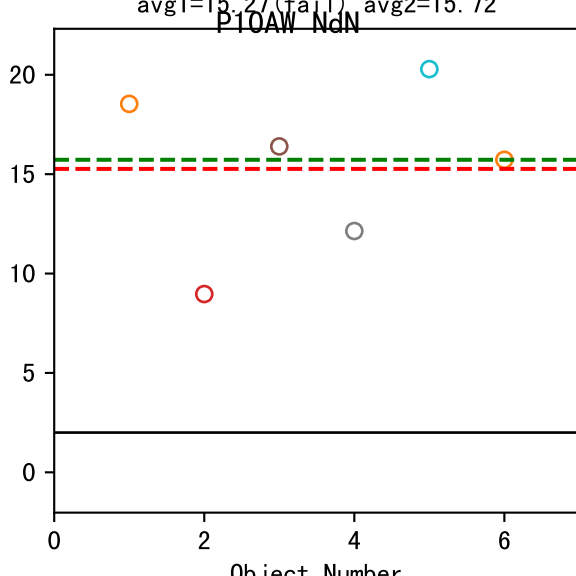
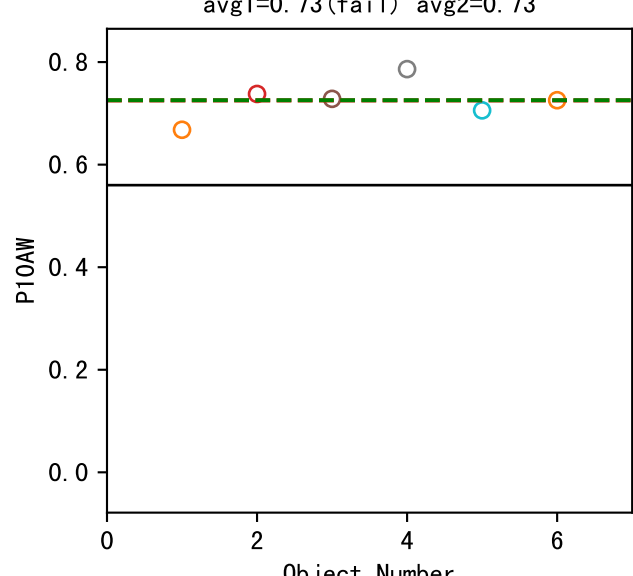


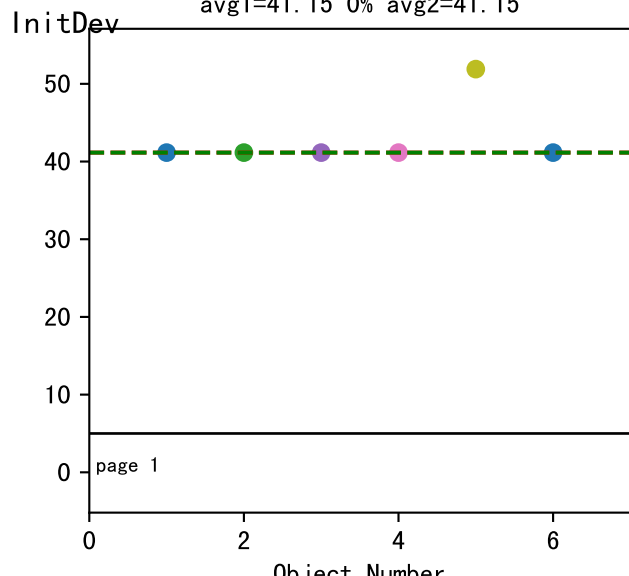
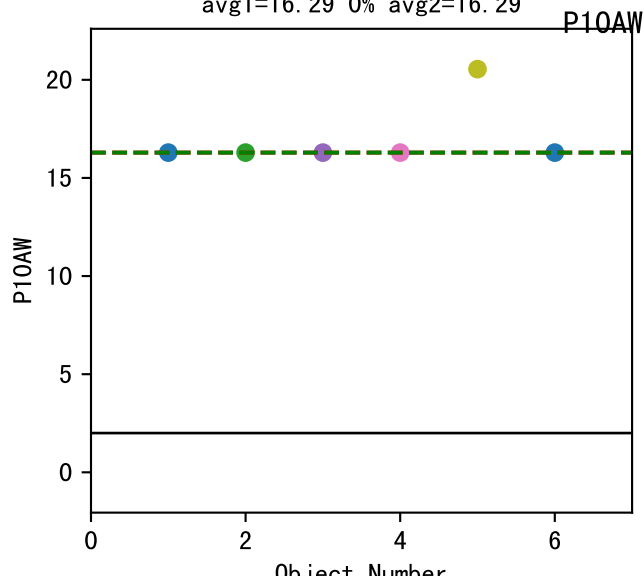
P10AW-032-33 (fit failed)



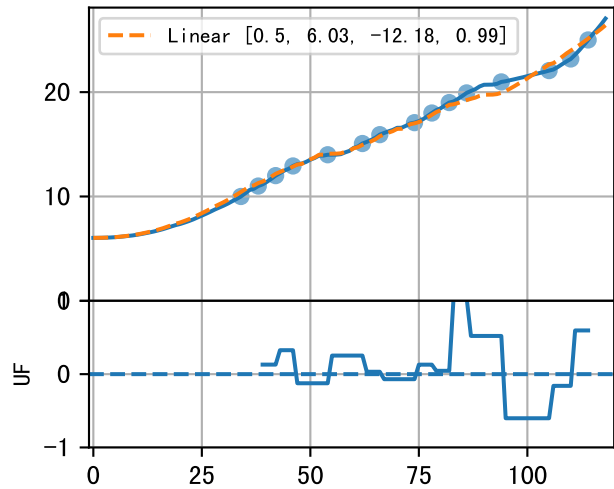
PIOWavg (left-tailed)
NdN



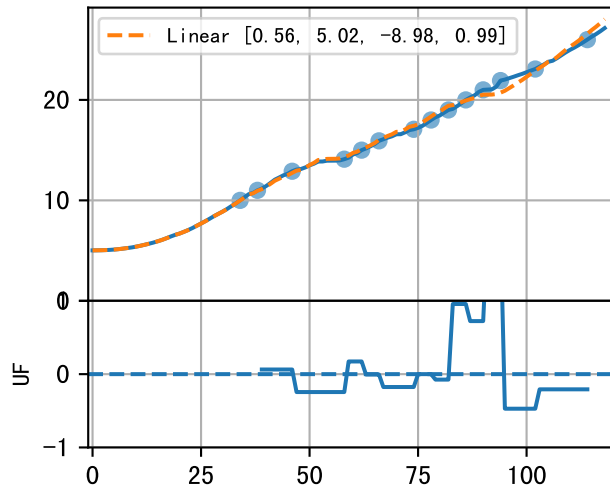




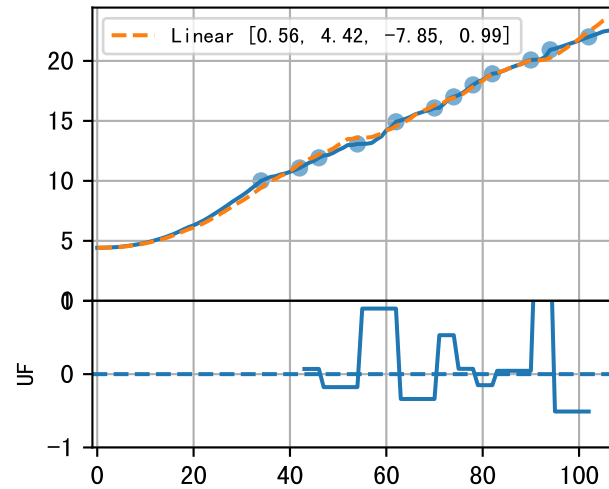
P10AW-004-12



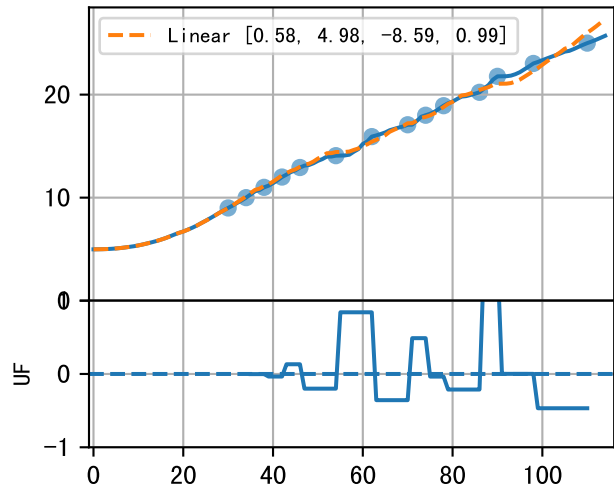
P10AW-010-25



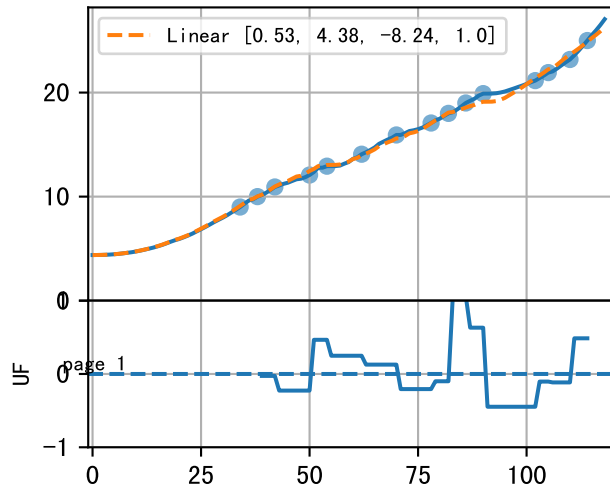
P10AW-017-16



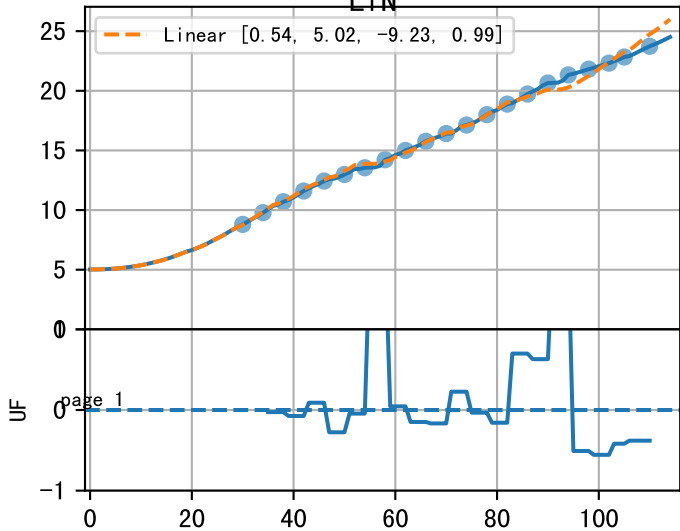
P10AW-025-3



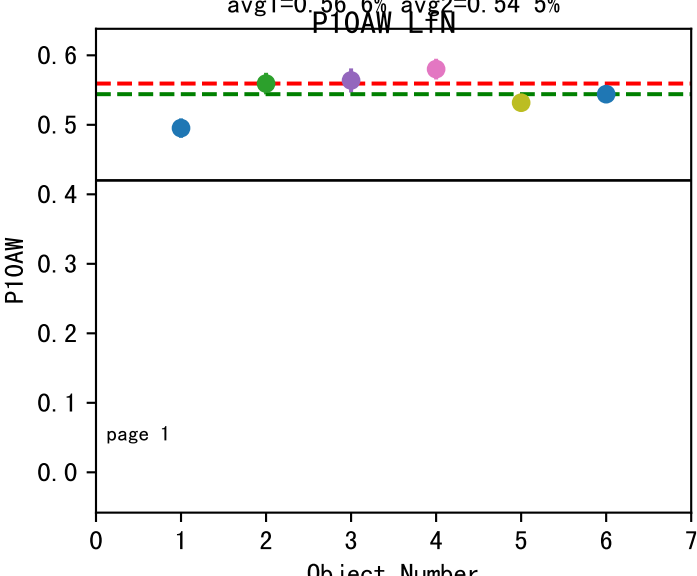
P10AW-032-33

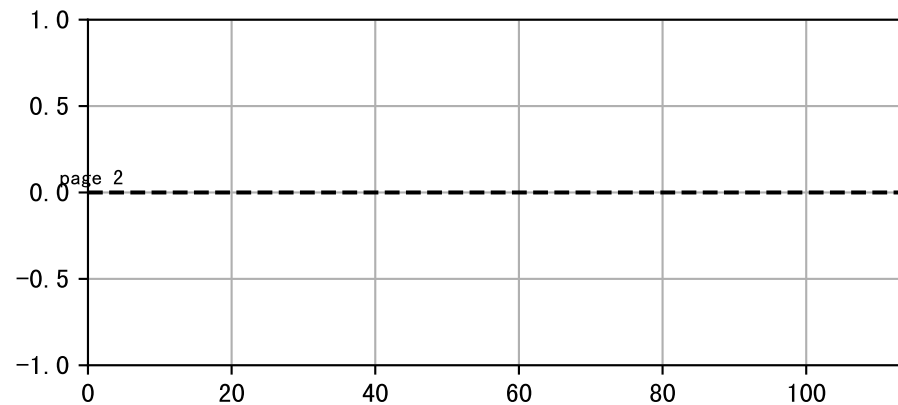
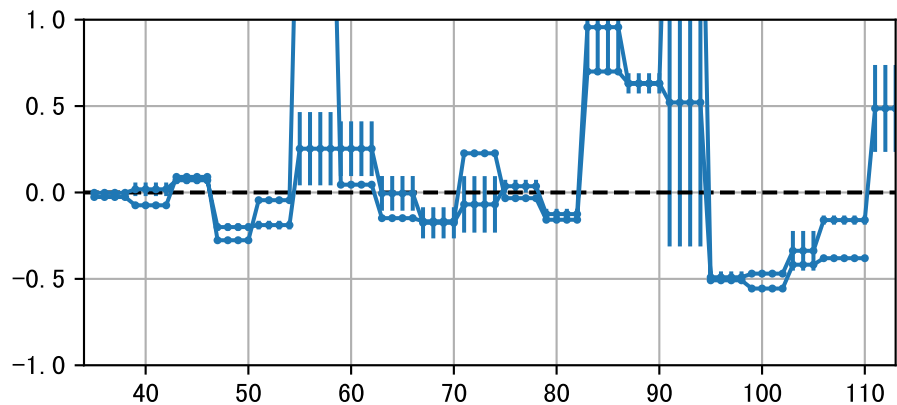
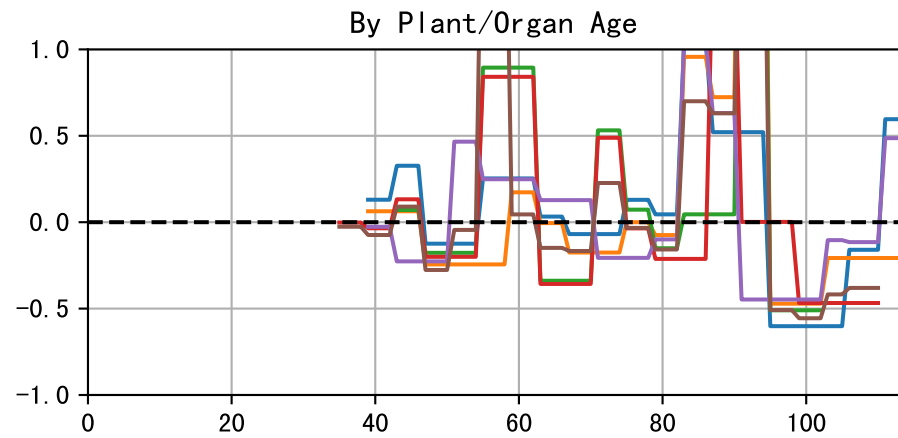
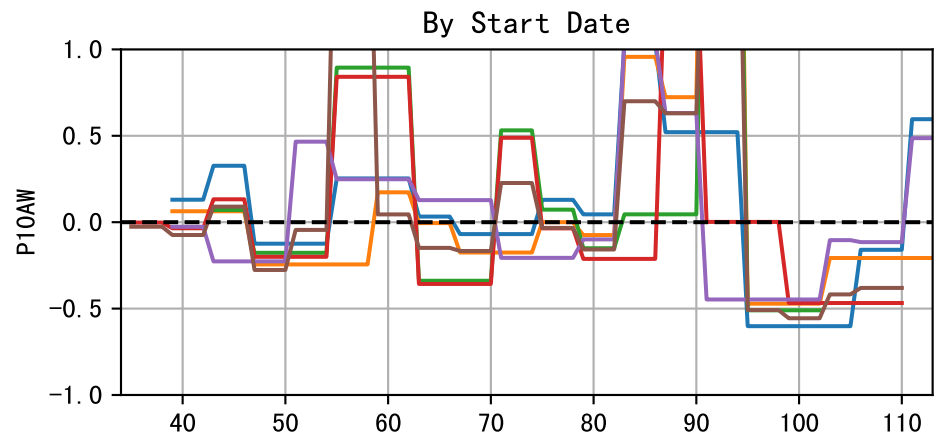


PTUavg
Lfn

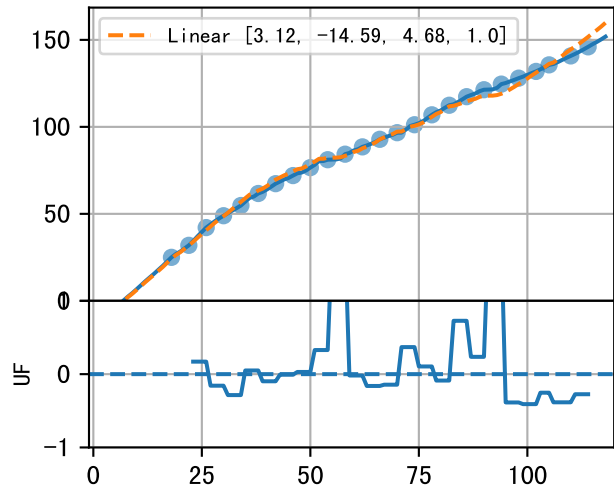


page 1

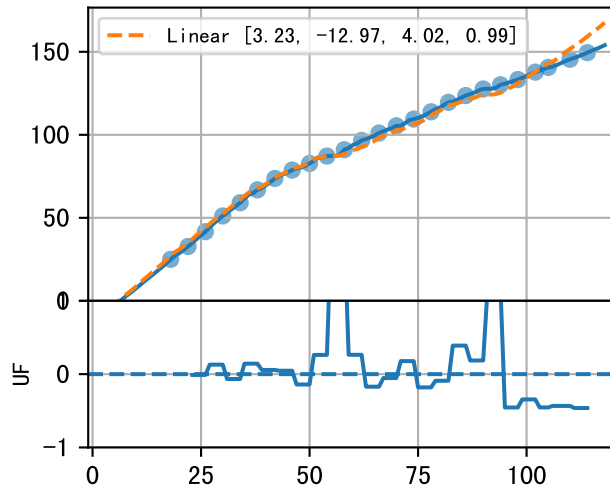




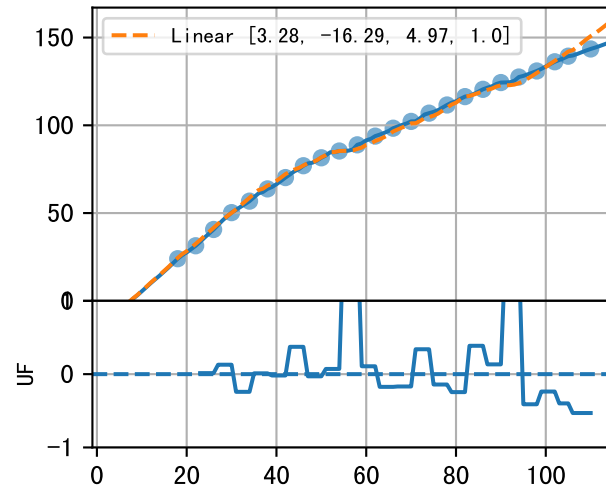
P10AW-004-12



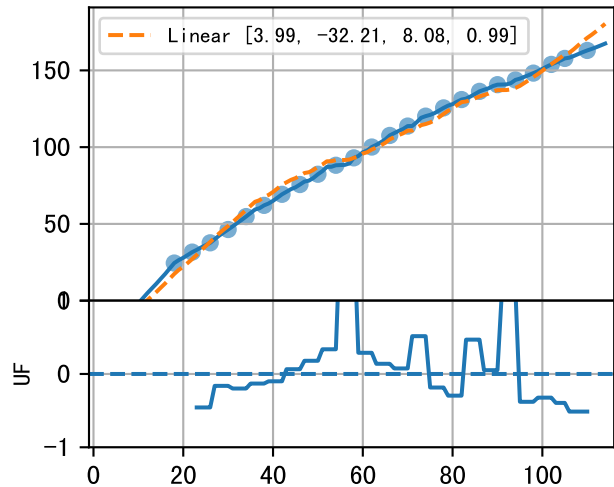
P10AW-010-25



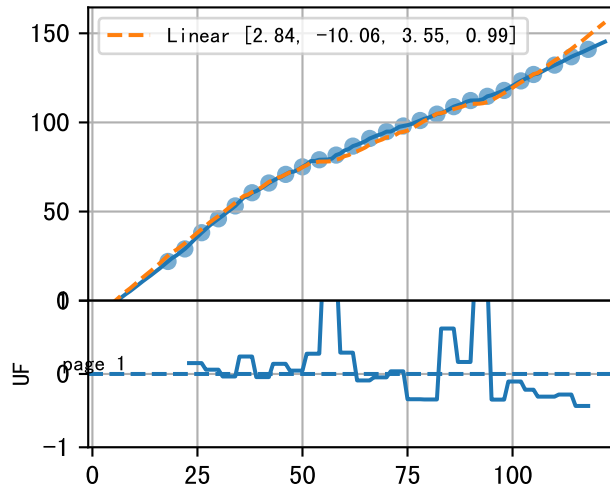
P10AW-017-16



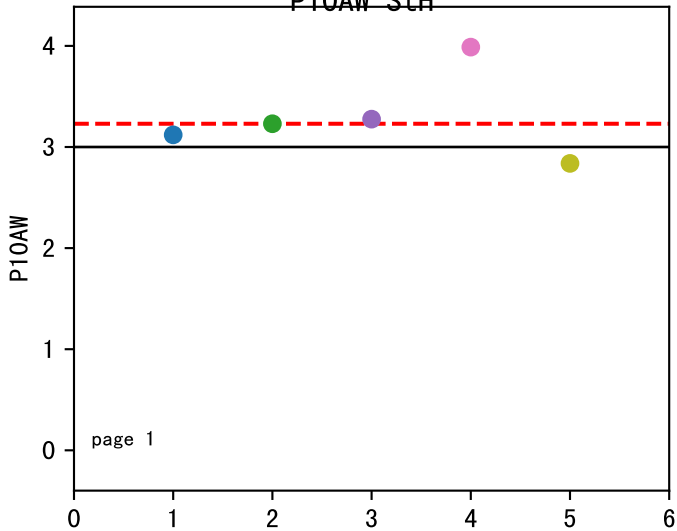
P10AW-025-3



P10AW-032-33

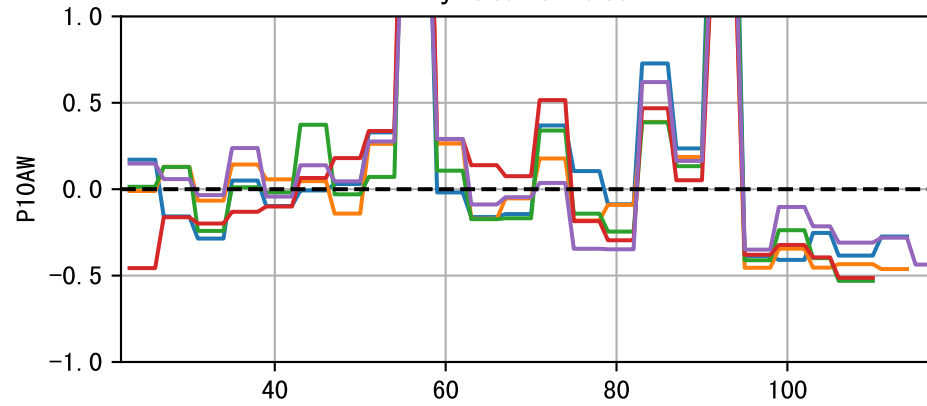


avg1=3.23, 2% avg2=na
P10AW StH

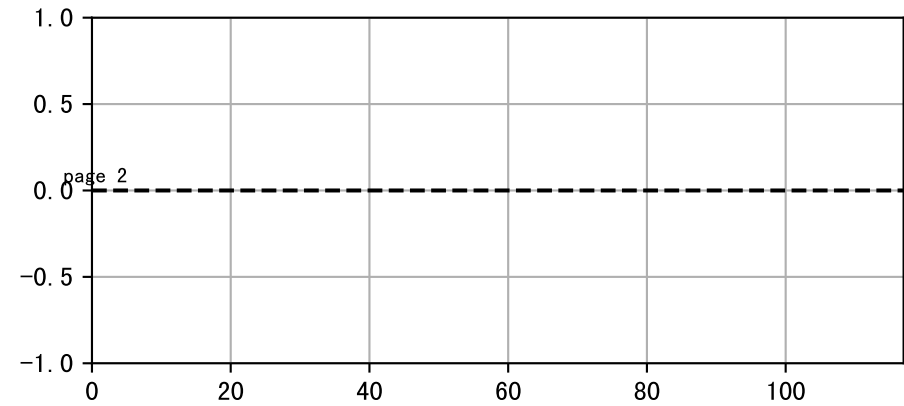
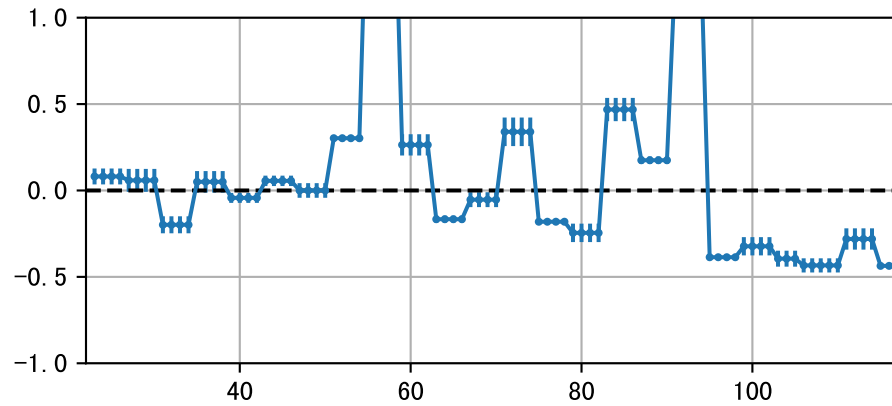
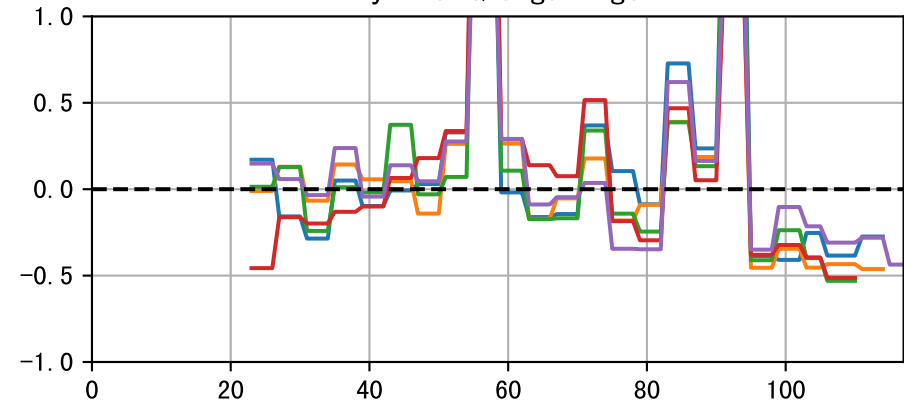


page 1

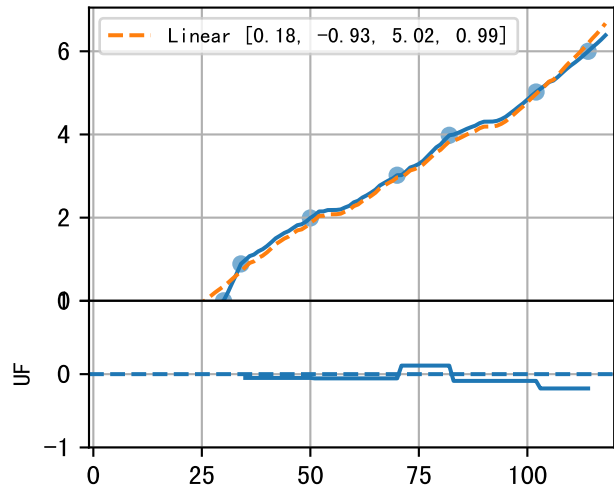
By Start Date



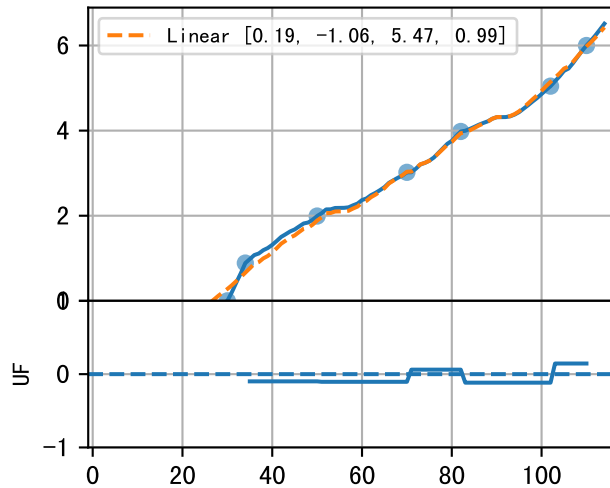
By Plant/Organ Age



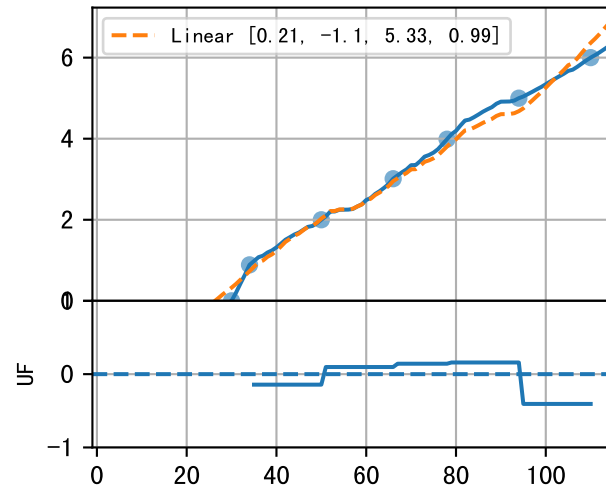
P10AW-004-12



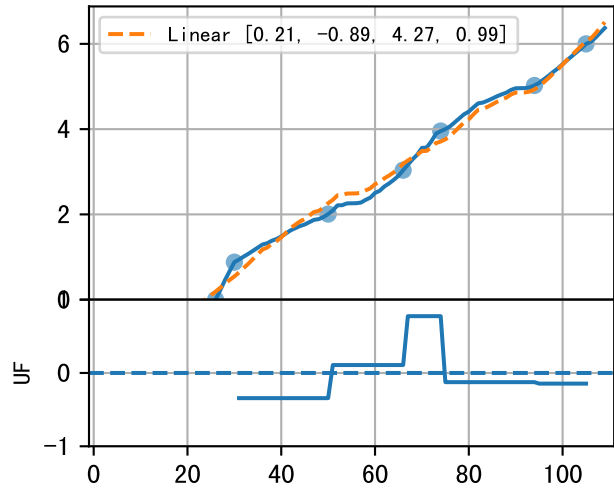
P10AW-010-25



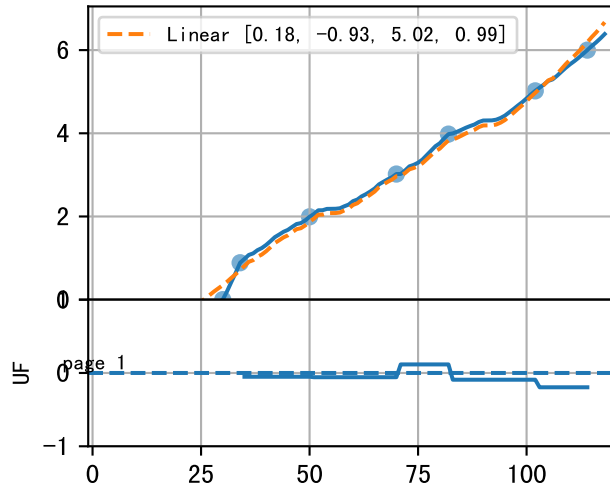
P10AW-017-16



P10AW-025-3



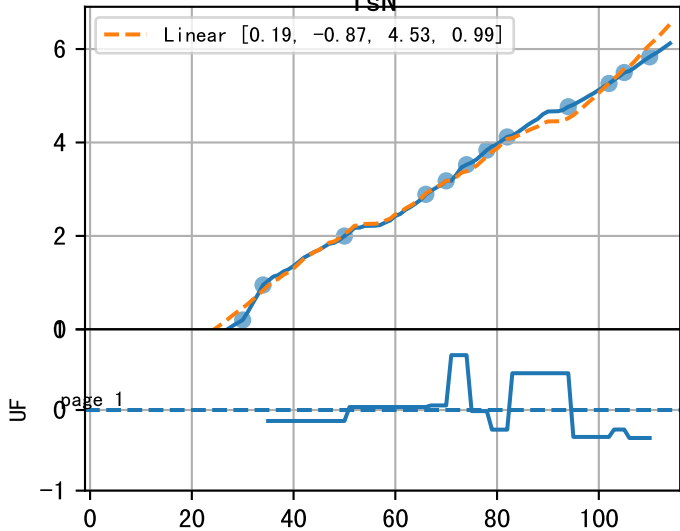
P10AW-032-33

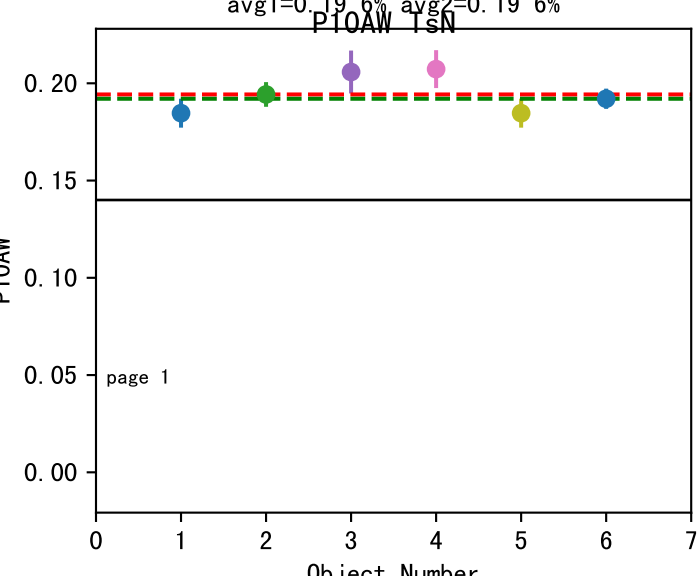


PTUavg

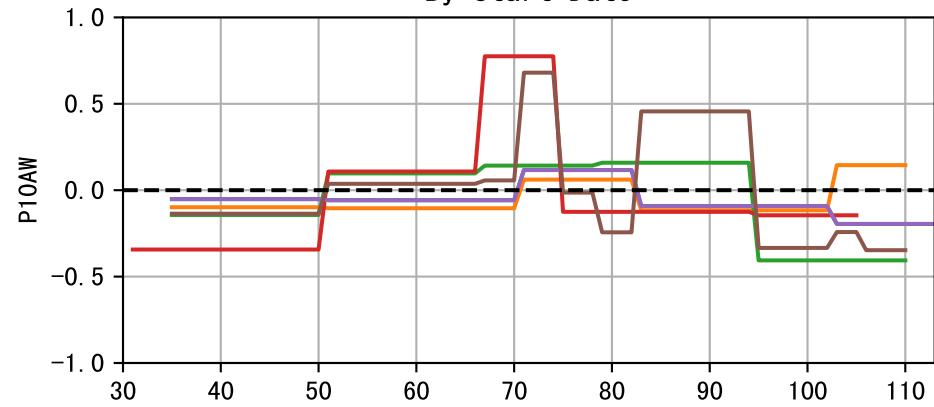
TsN

Linear [0.19, -0.87, 4.53, 0.99]

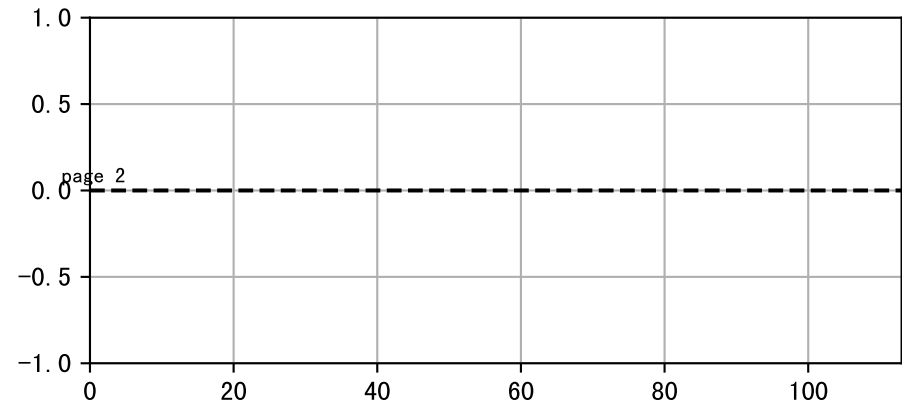
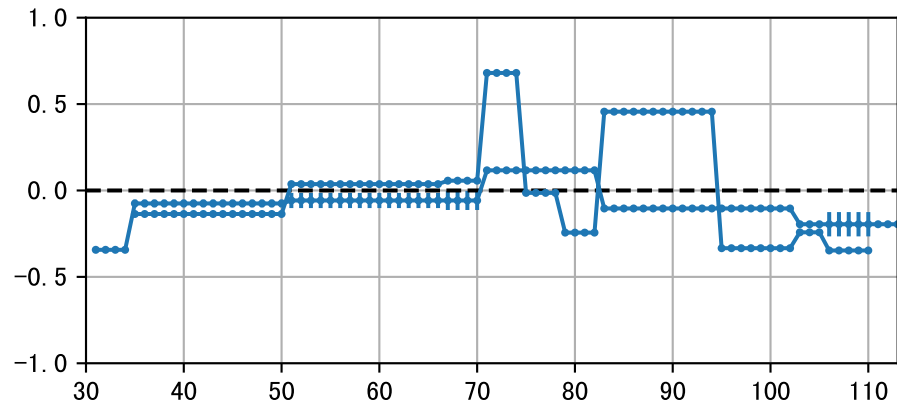
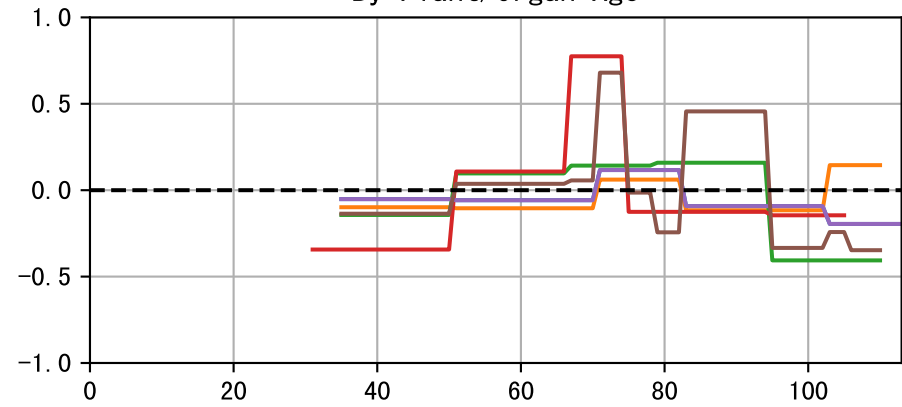


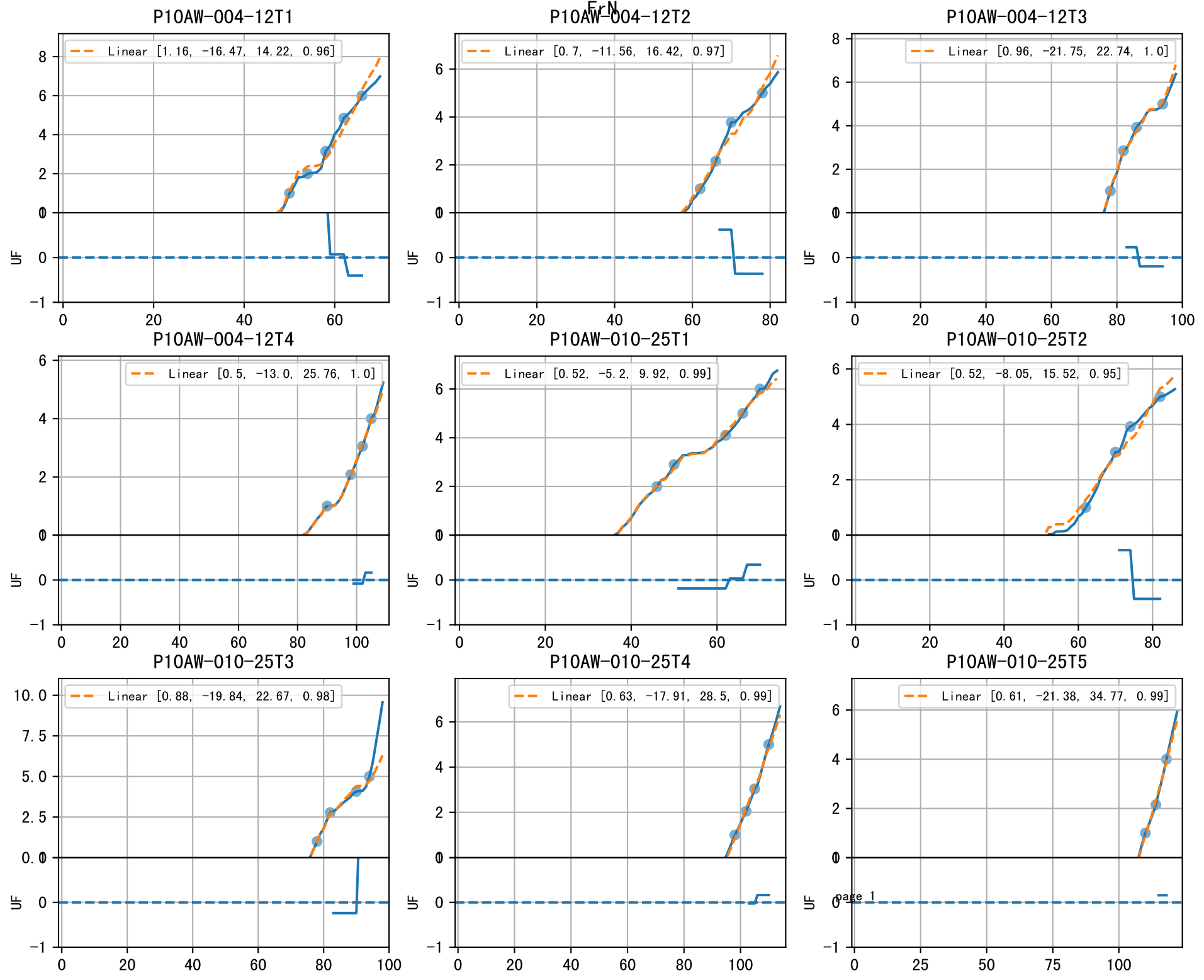


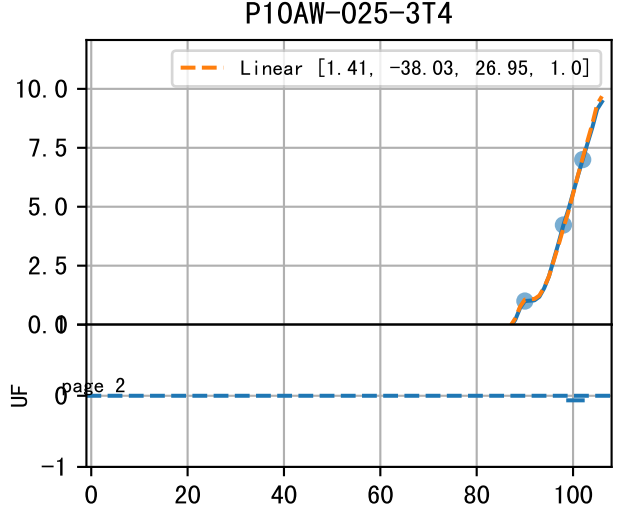
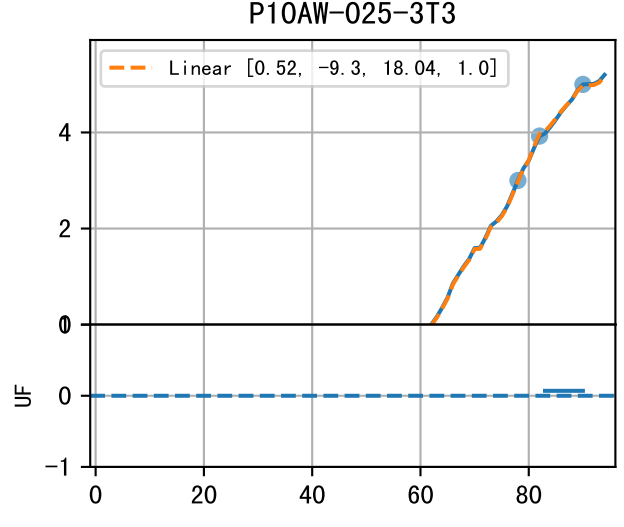
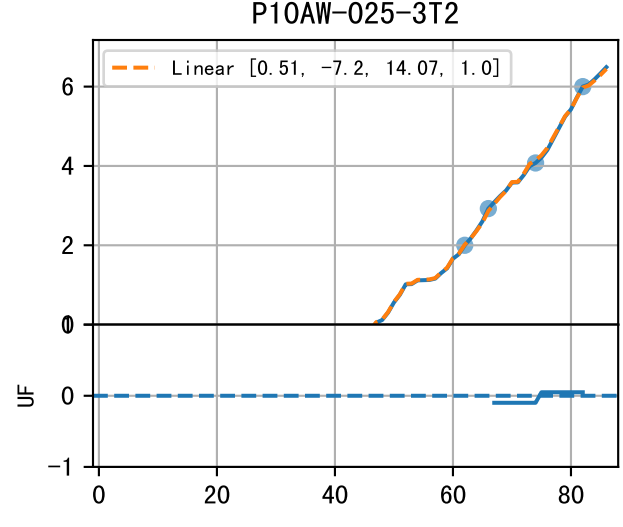
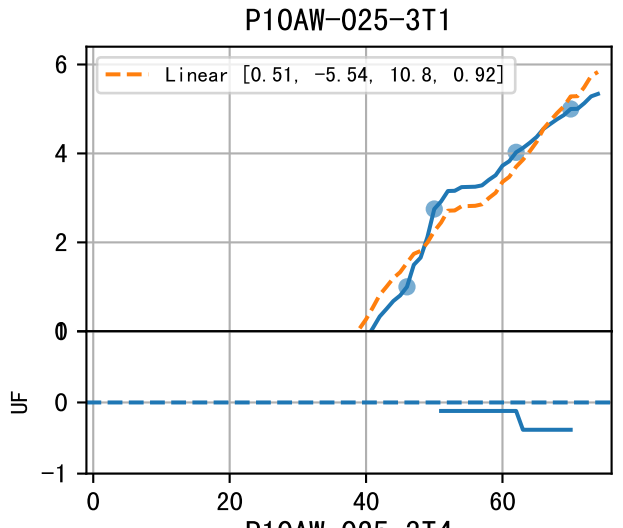
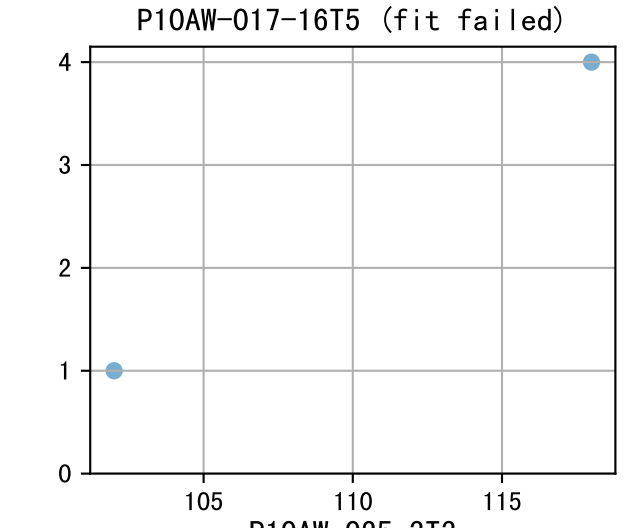
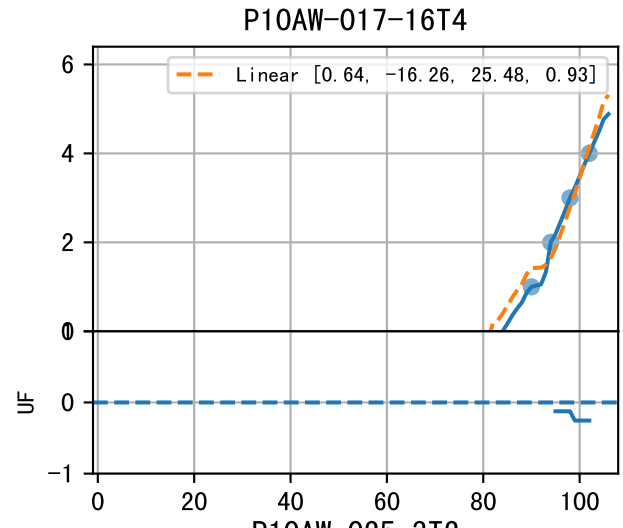
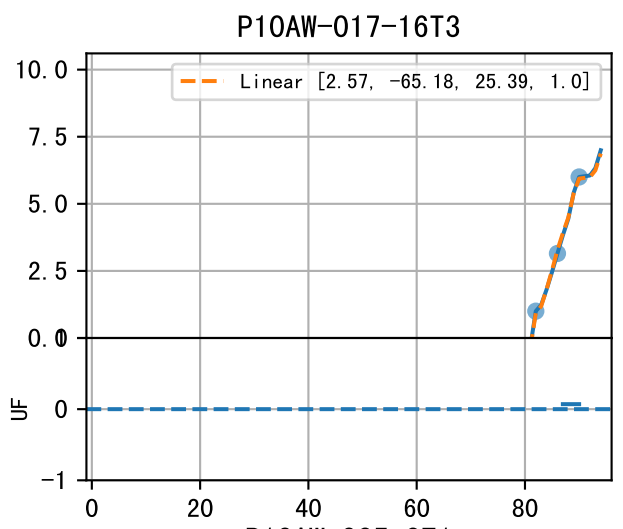
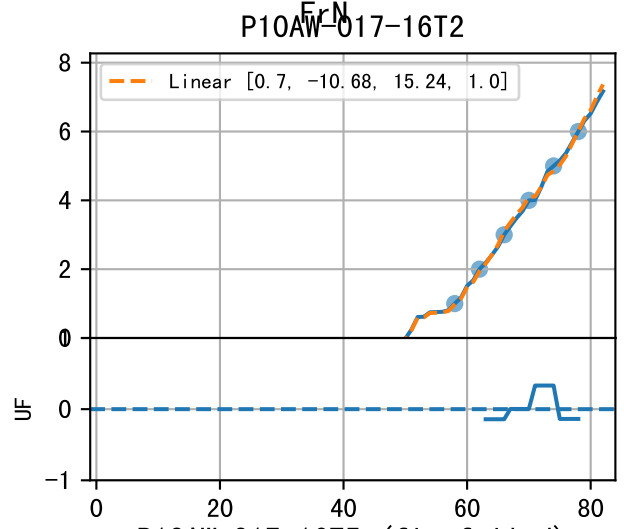
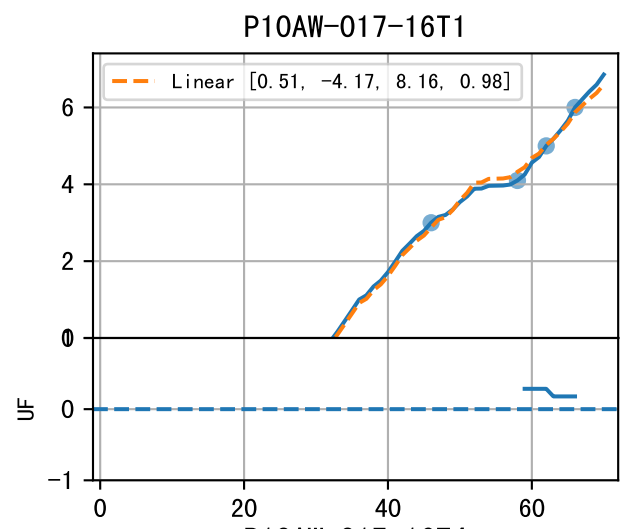
By Start Date



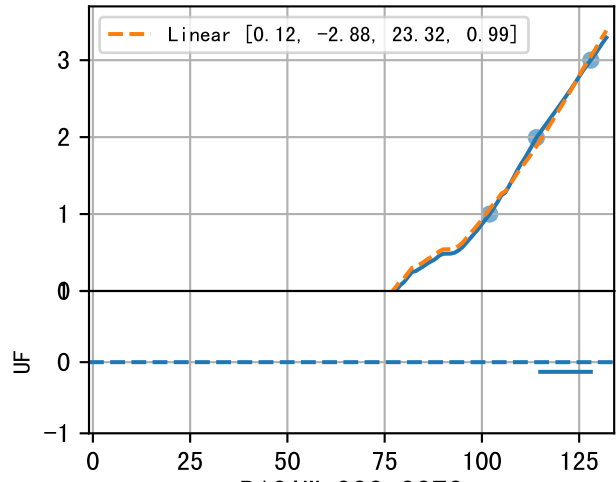
By Plant/Organ Age



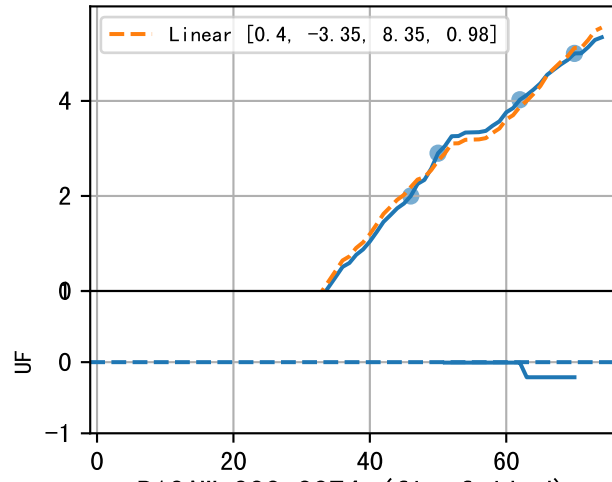




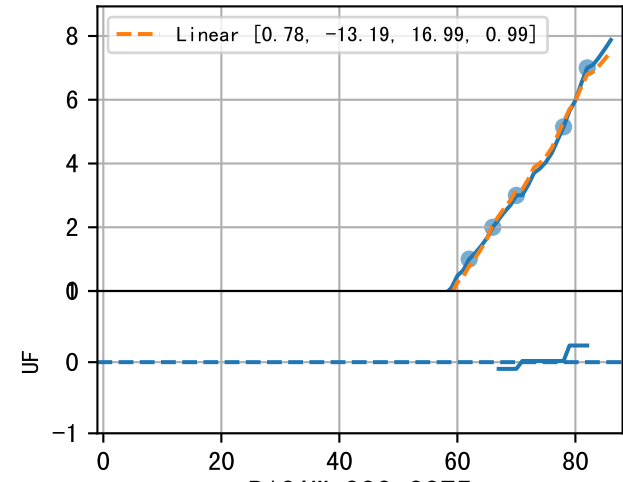
P10AW-025-3T5



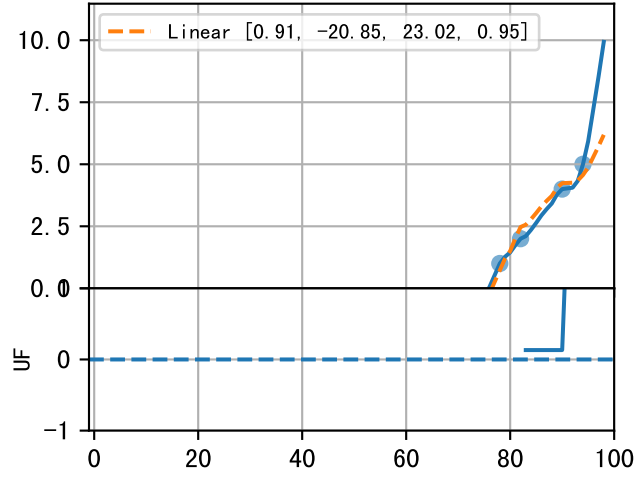
P10AW-032-33T1



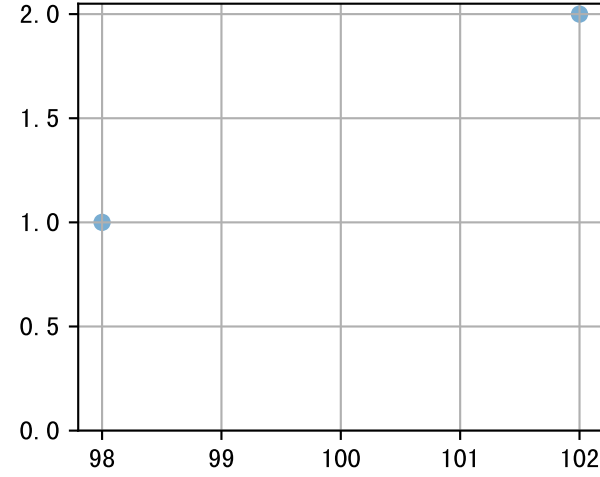
P10AW-032-33T2



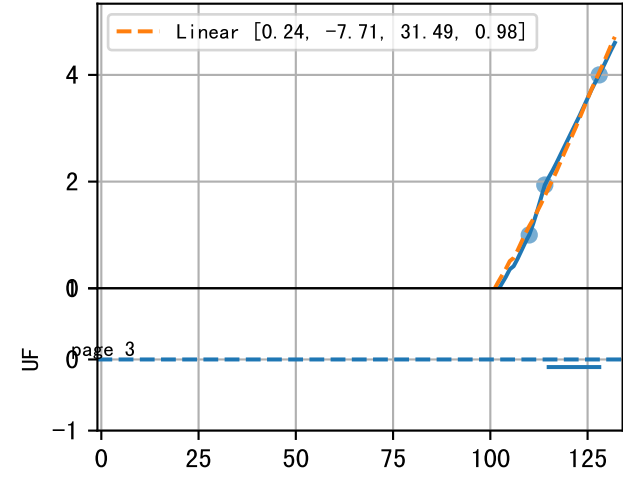
P10AW-032-33T3



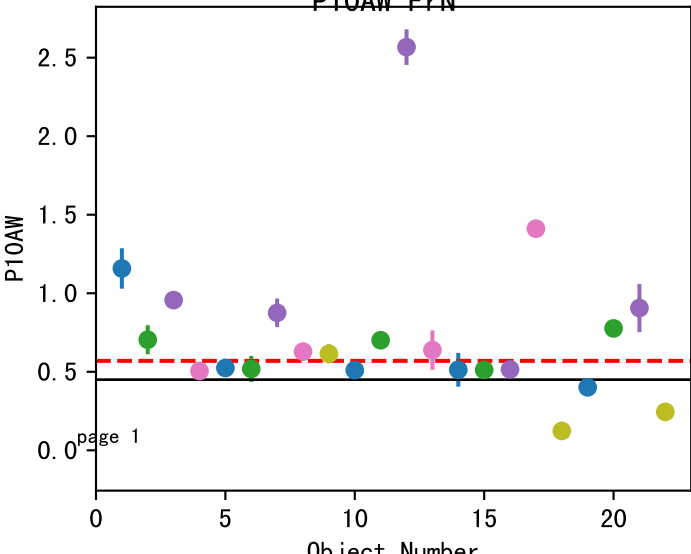
P10AW-032-33T4 (fit failed)



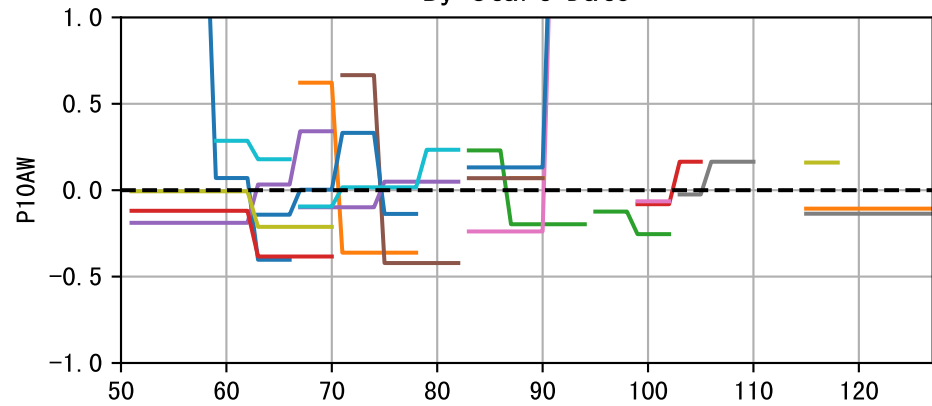
P10AW-032-33T5



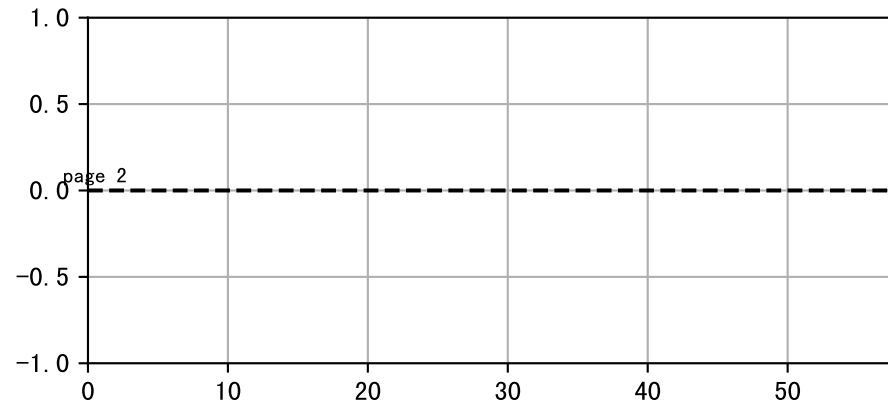
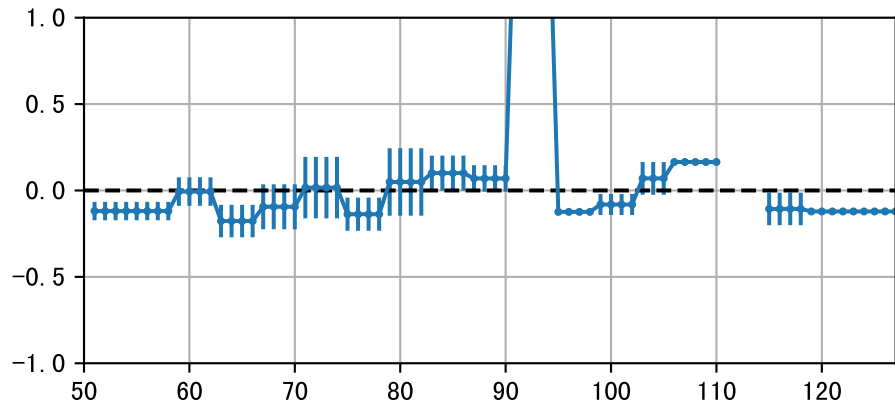
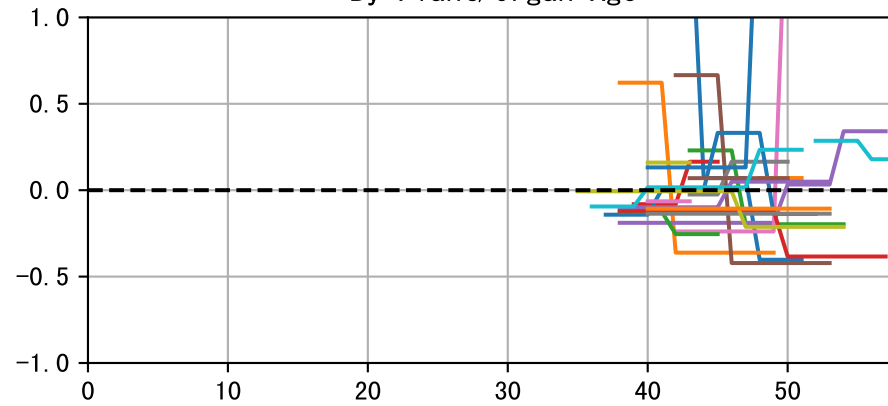
avg1=0.5742% avg2=na
P10AW FrN

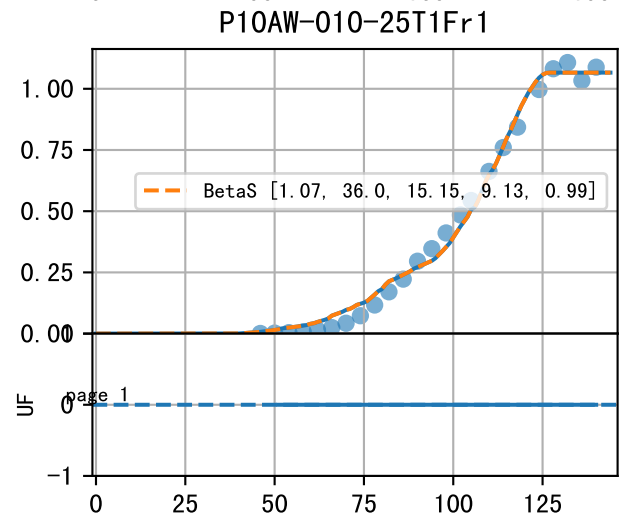
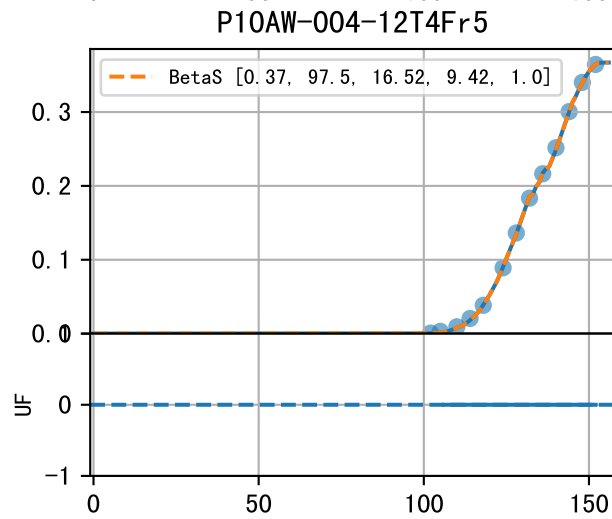
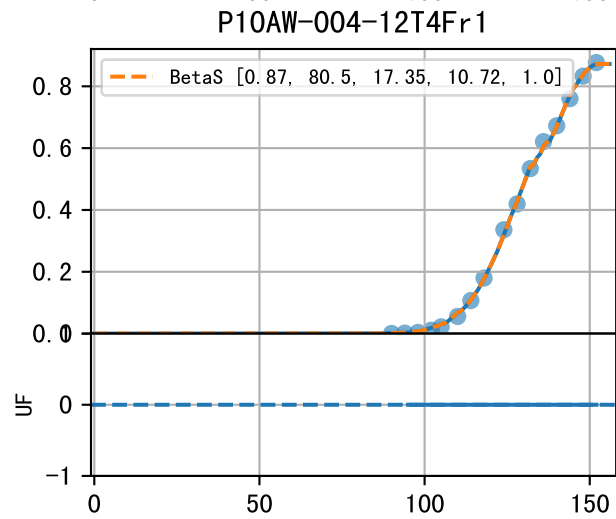
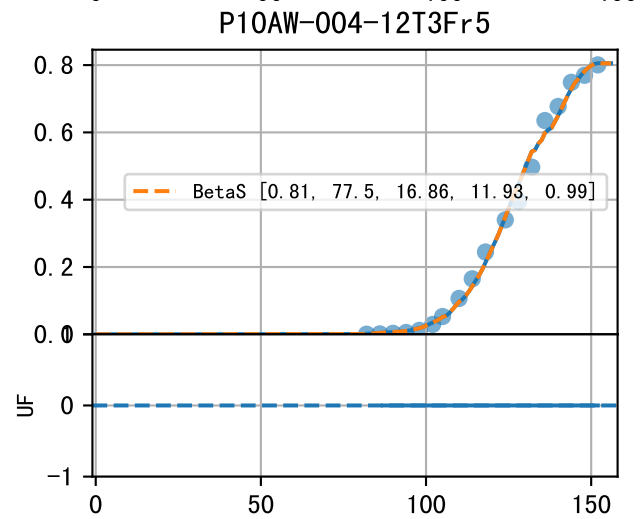
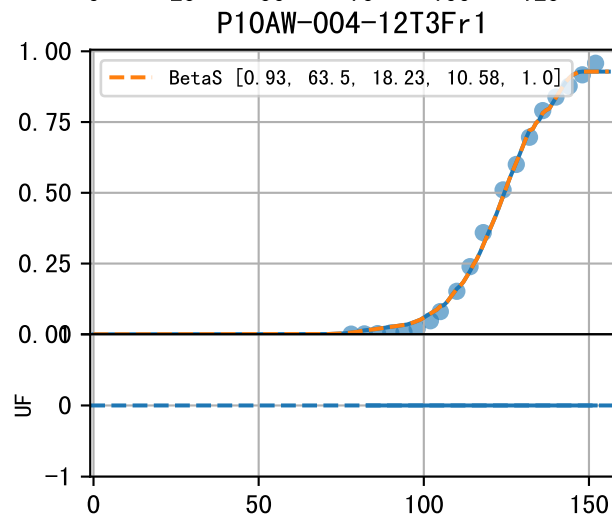
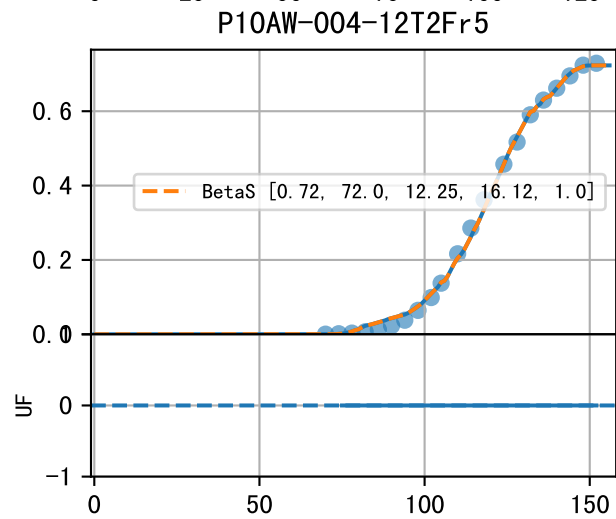
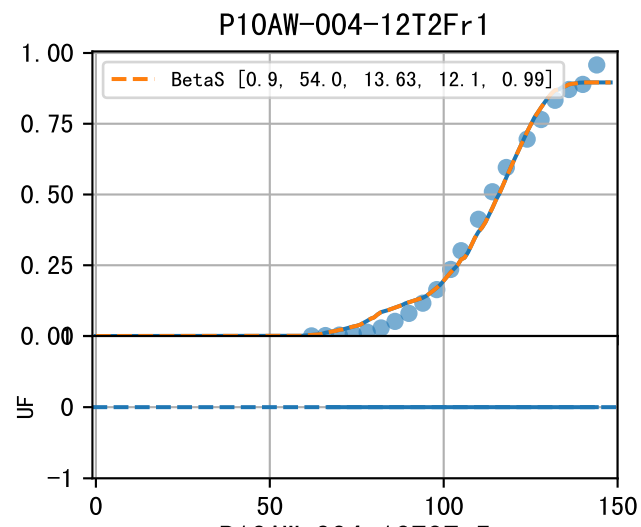
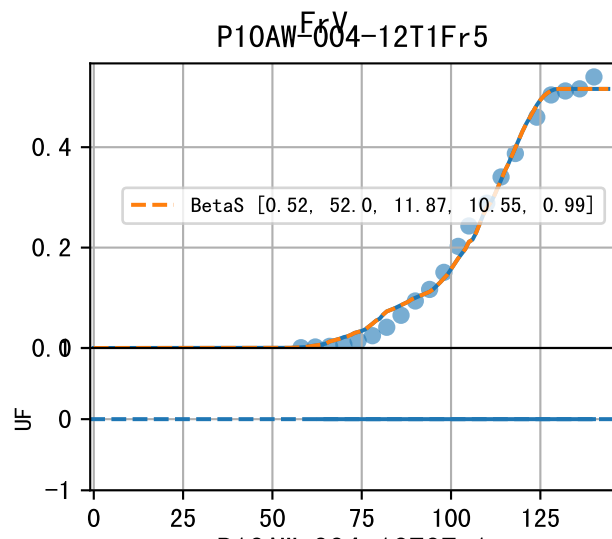
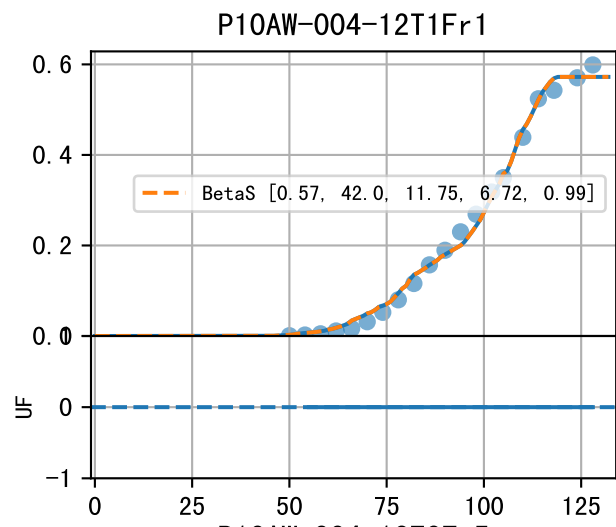


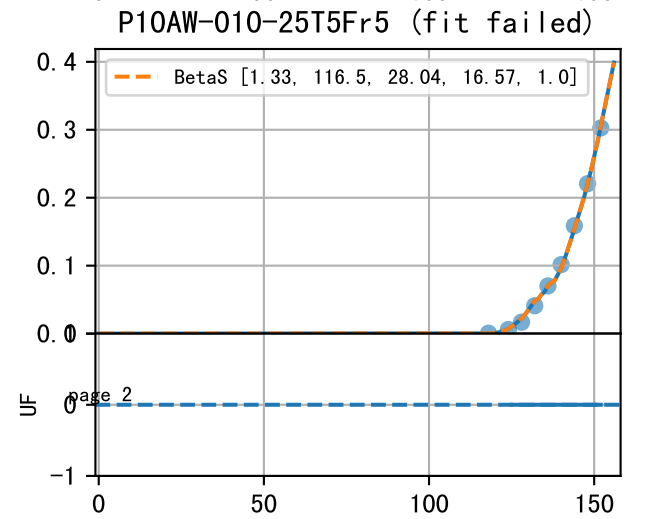
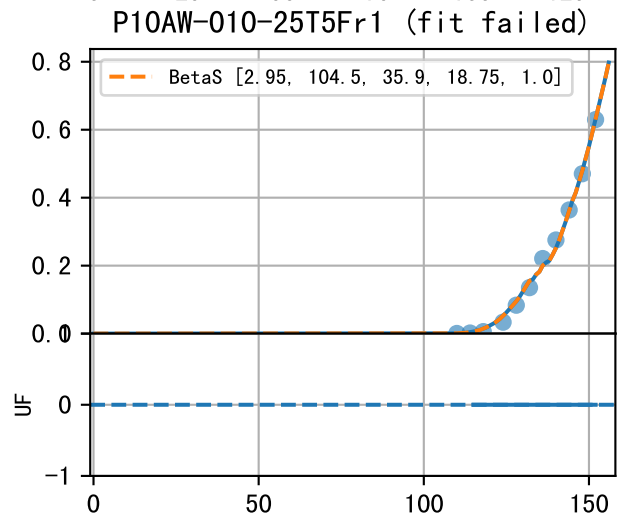
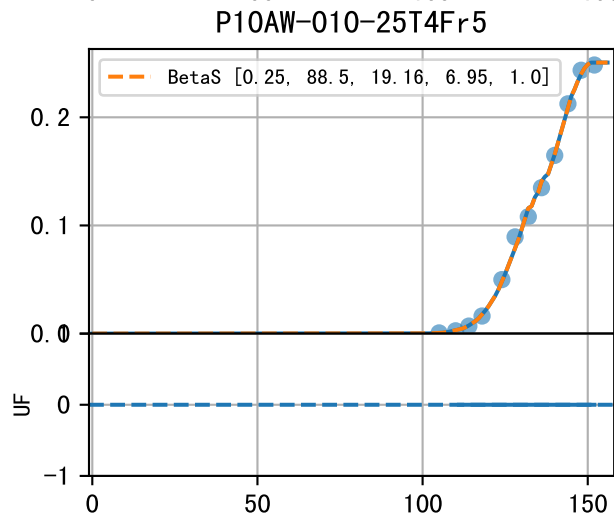
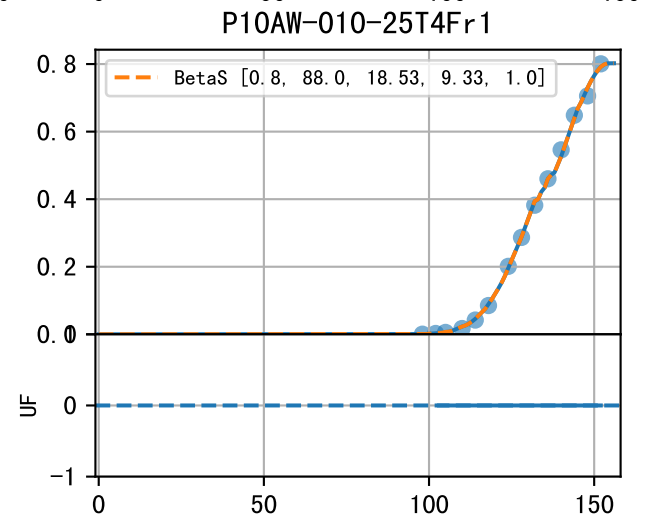
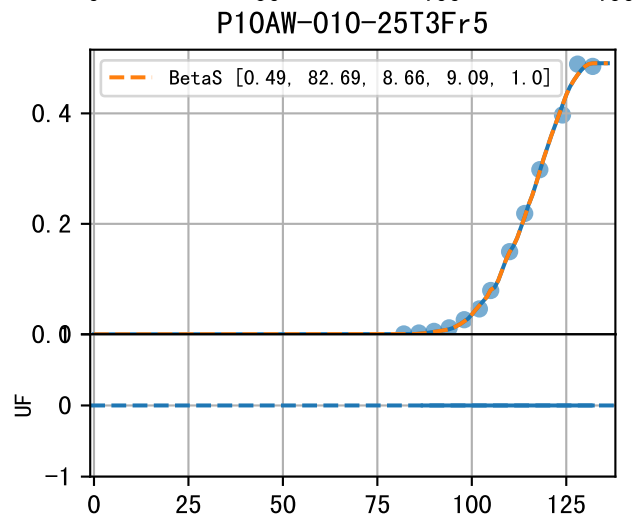
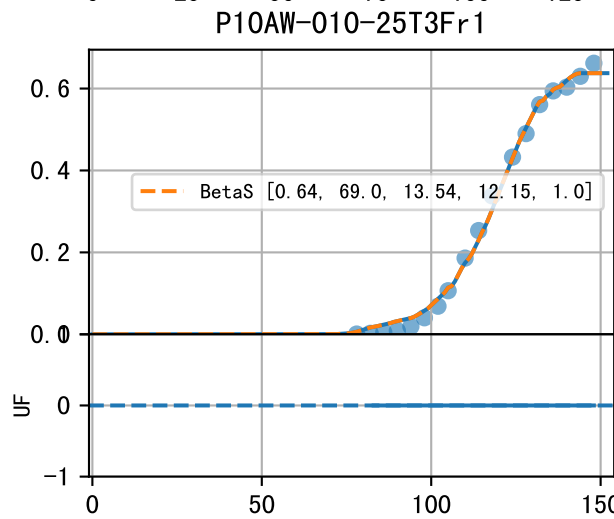
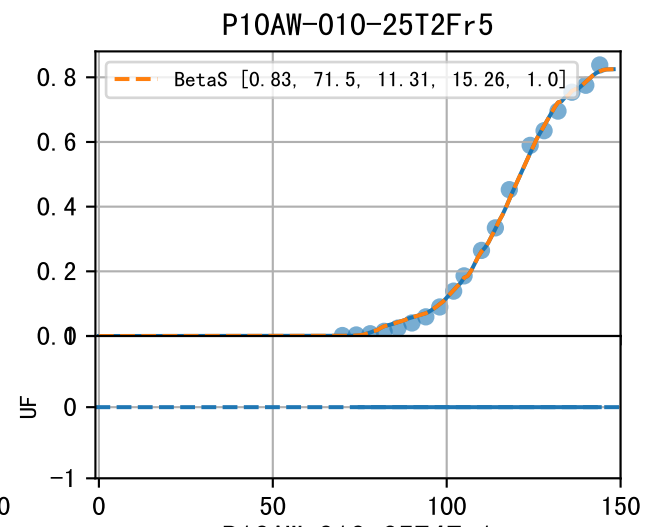
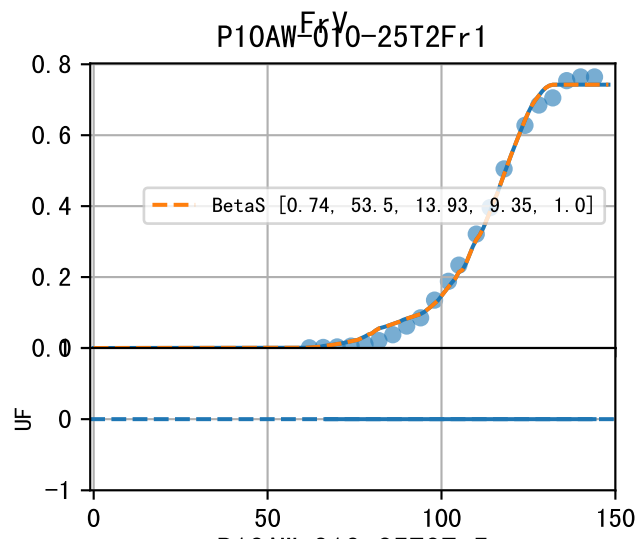
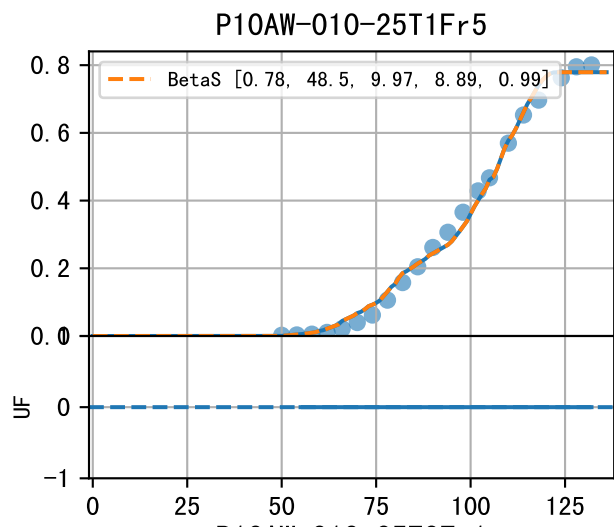
By Start Date



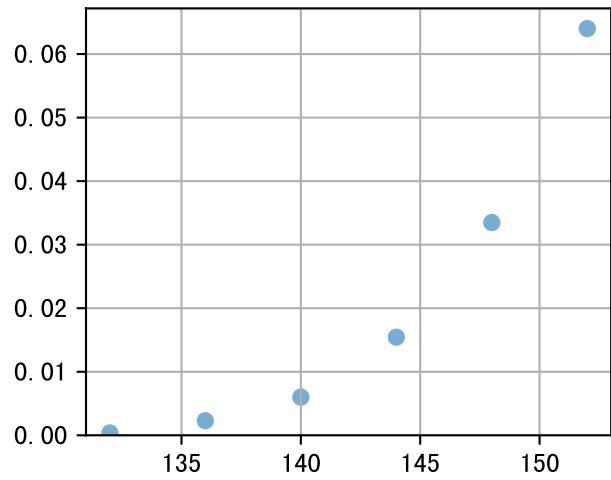
By Plant/Organ Age



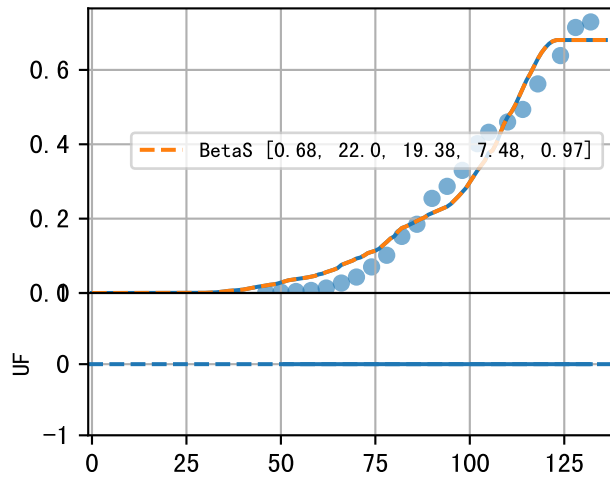




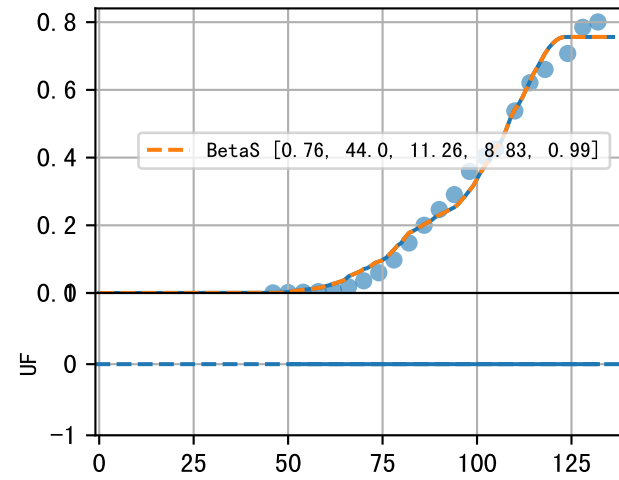
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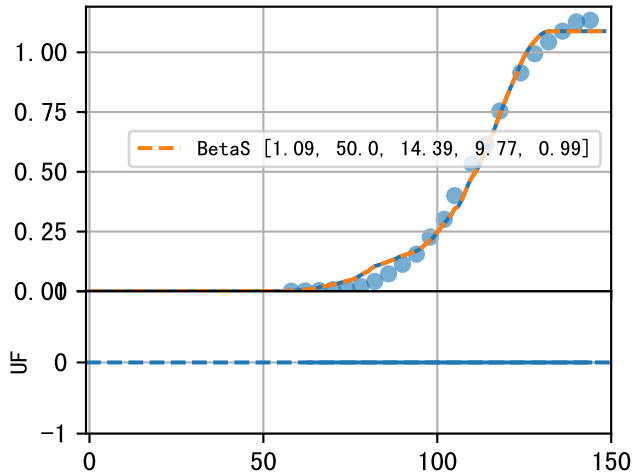
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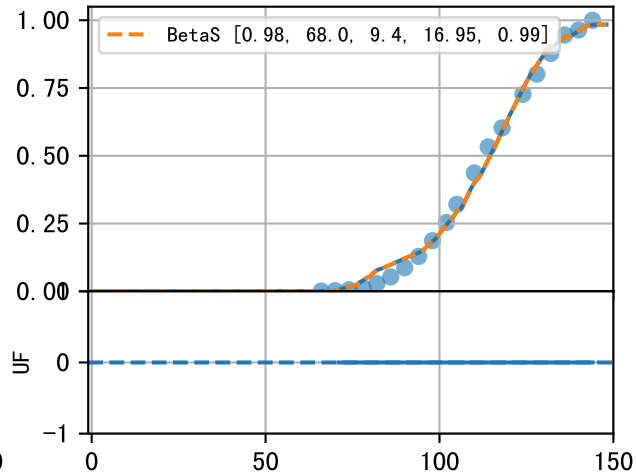
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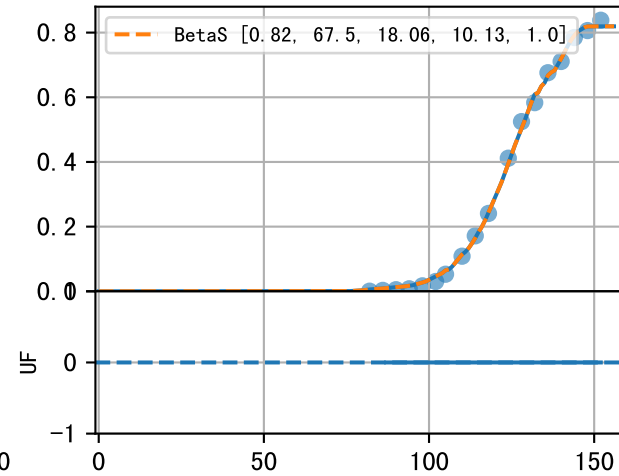
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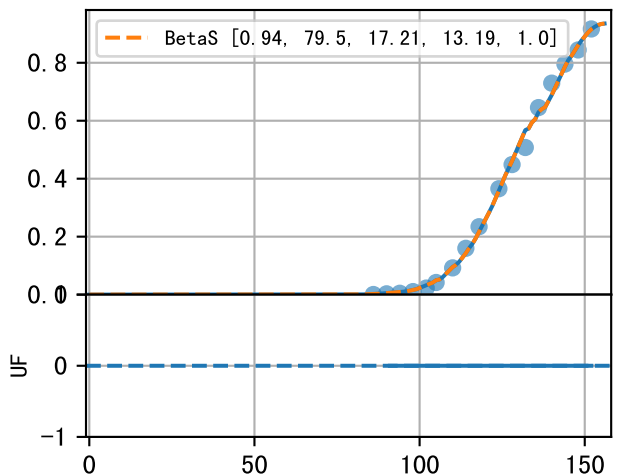
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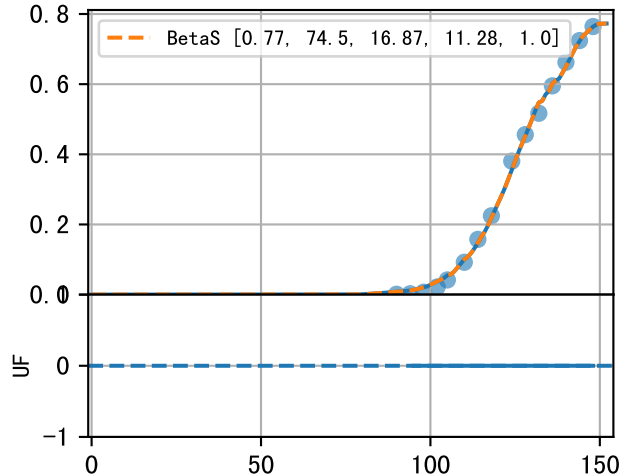
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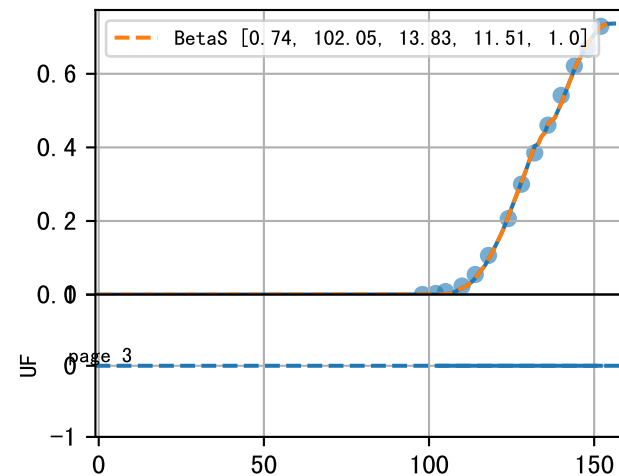
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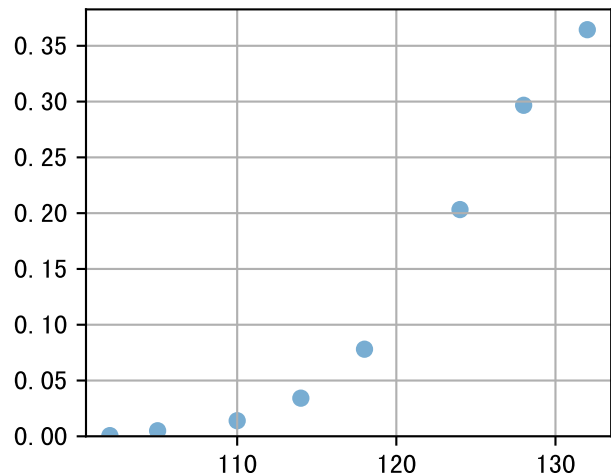
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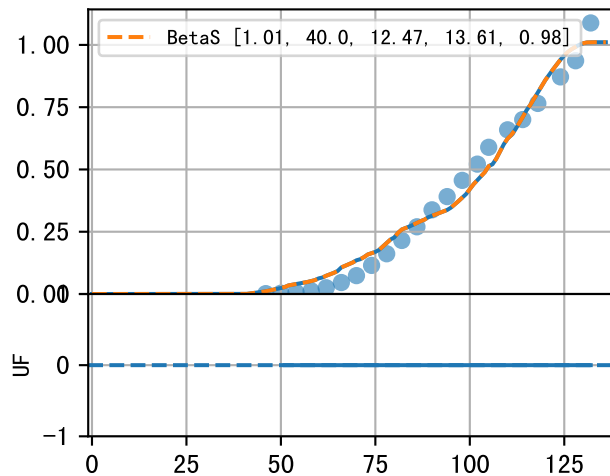
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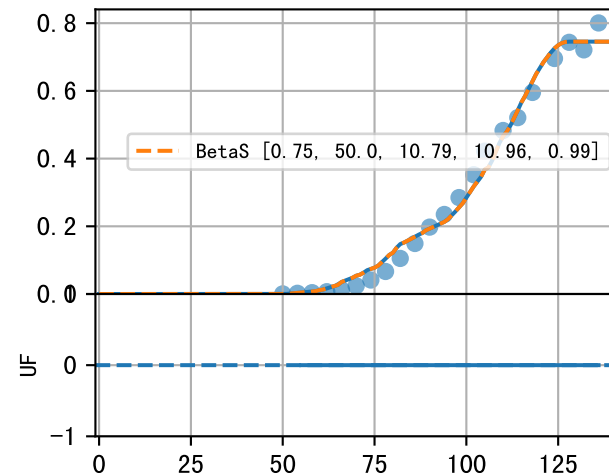
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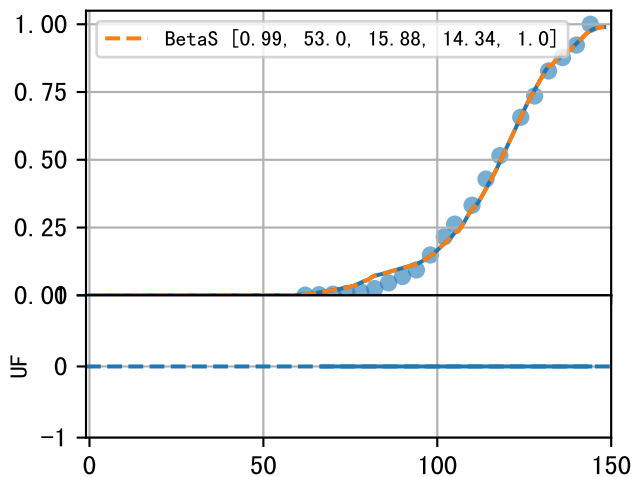
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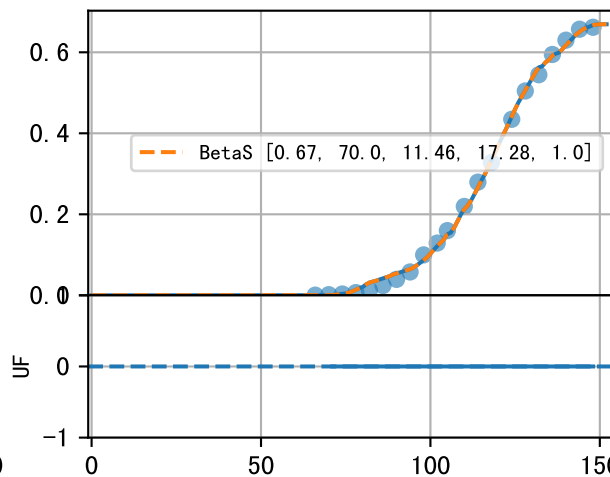
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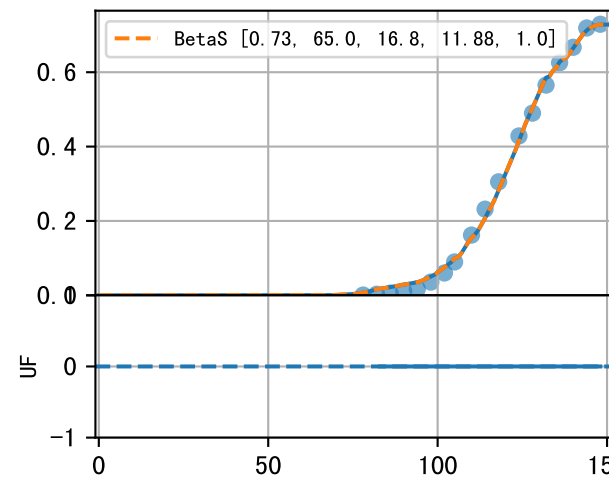
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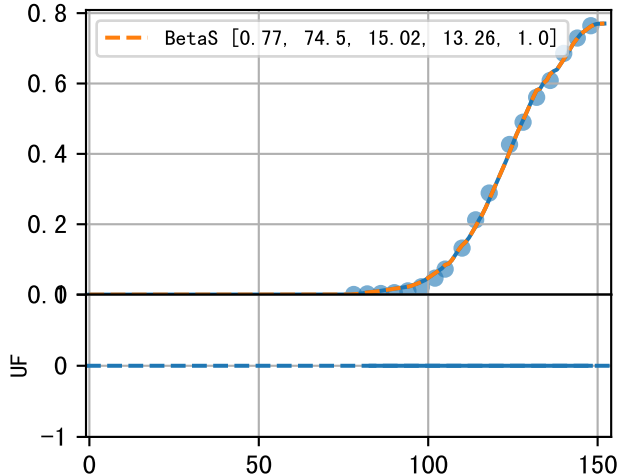
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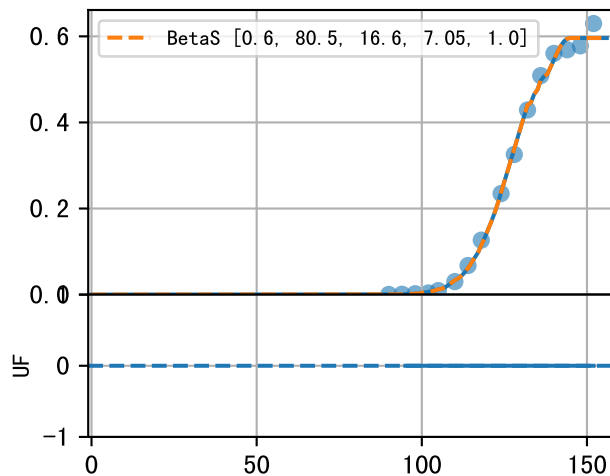
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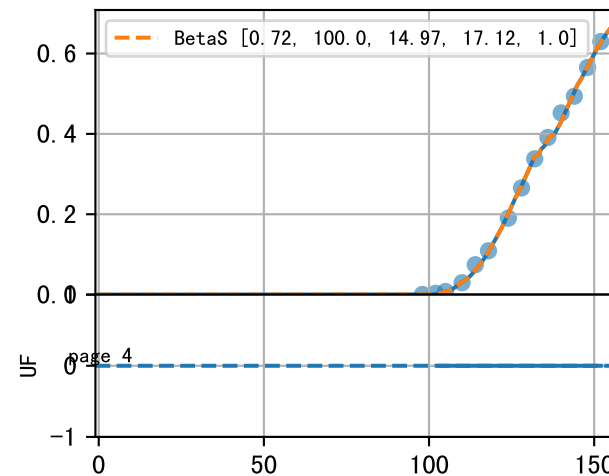
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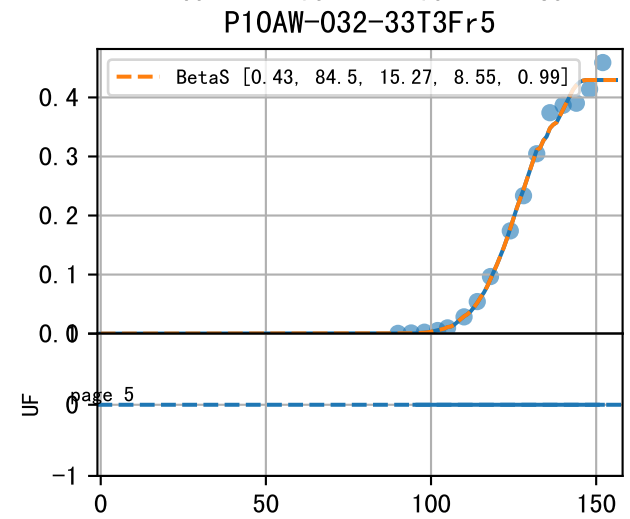
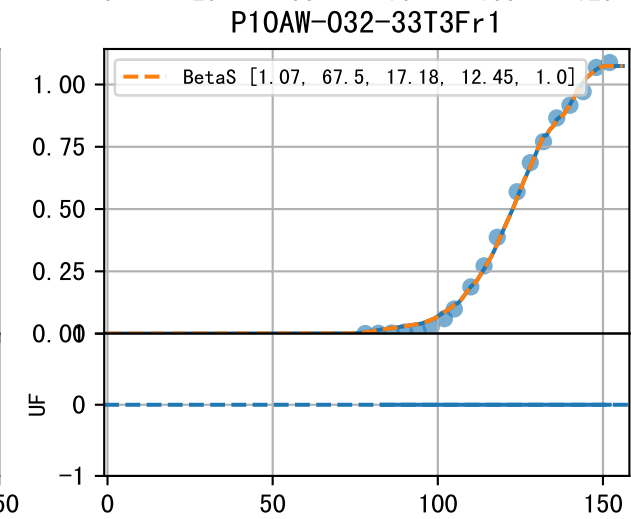
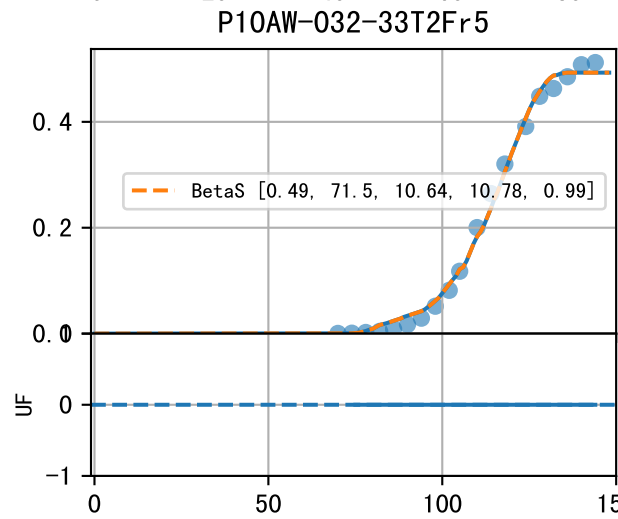
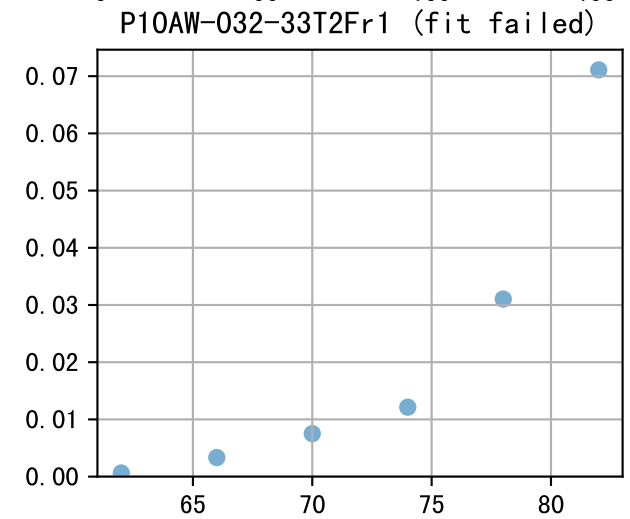
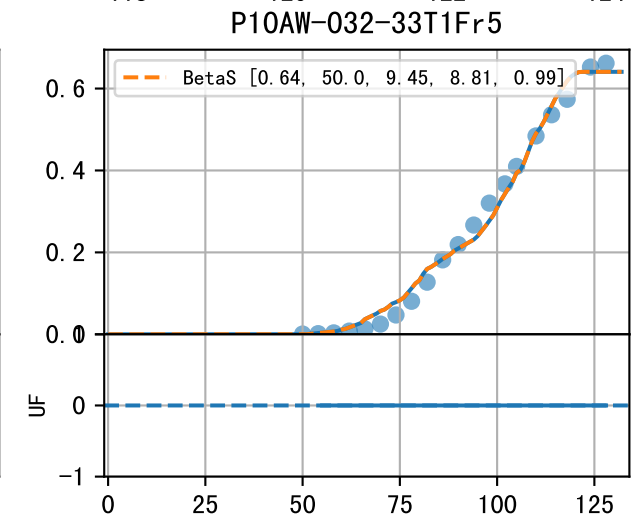
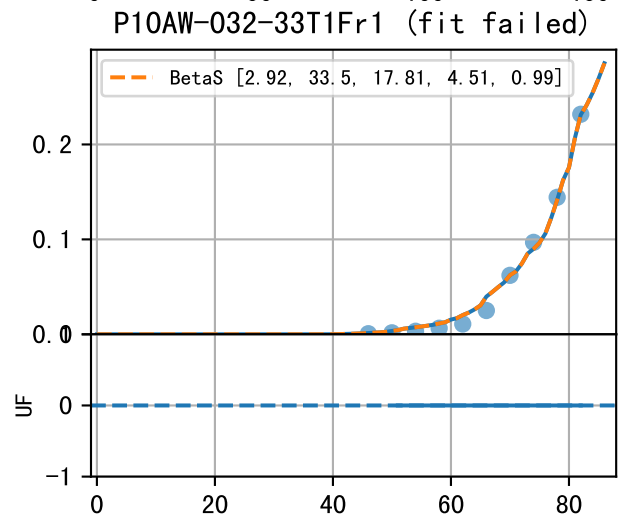
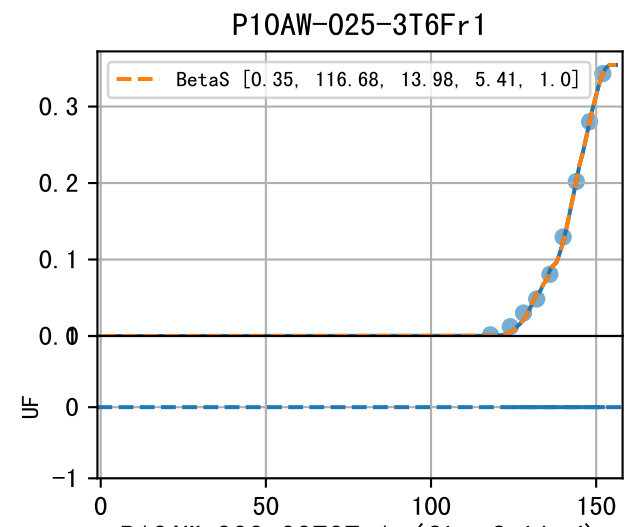
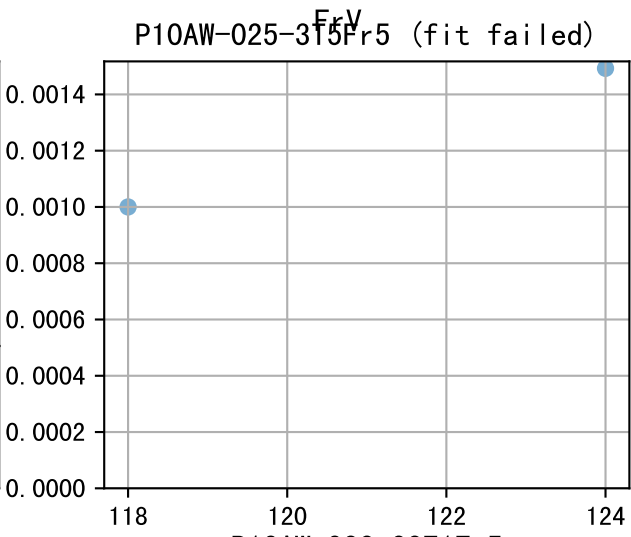
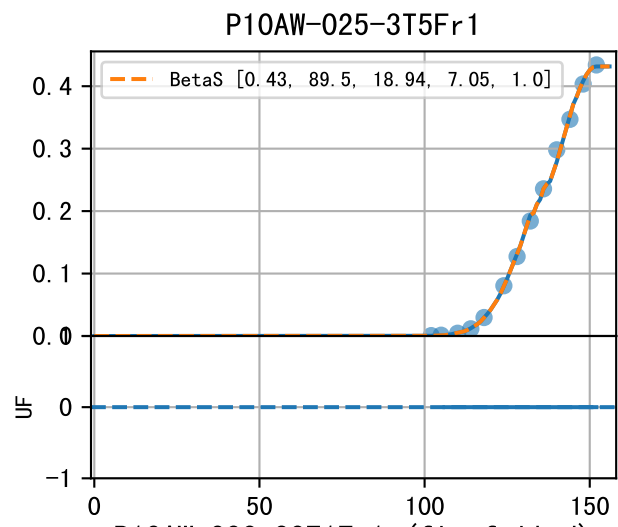


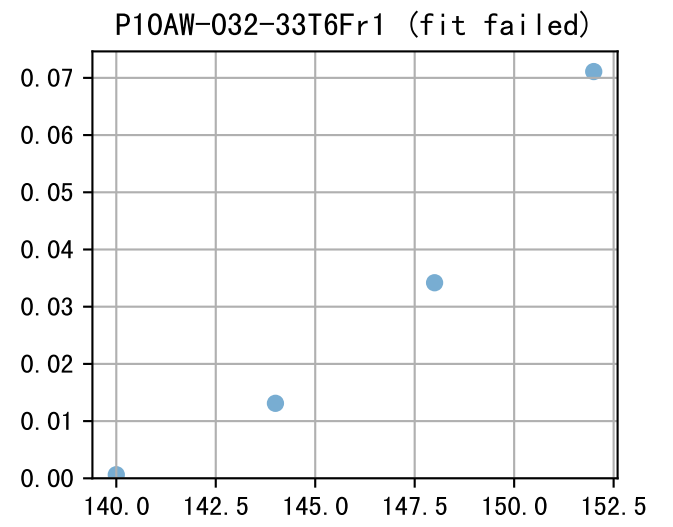
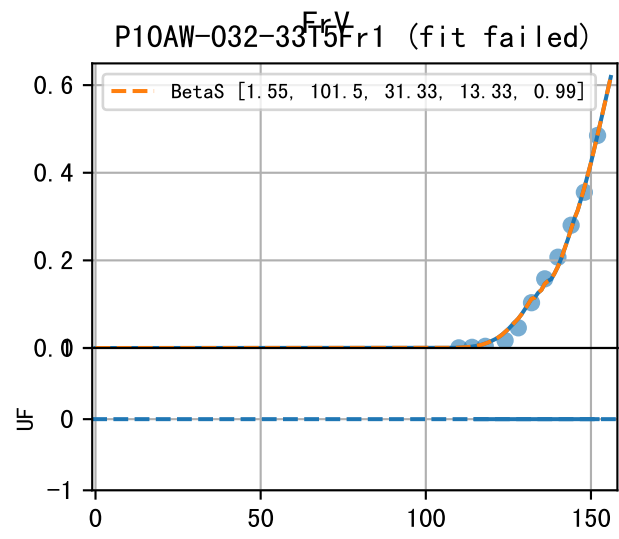
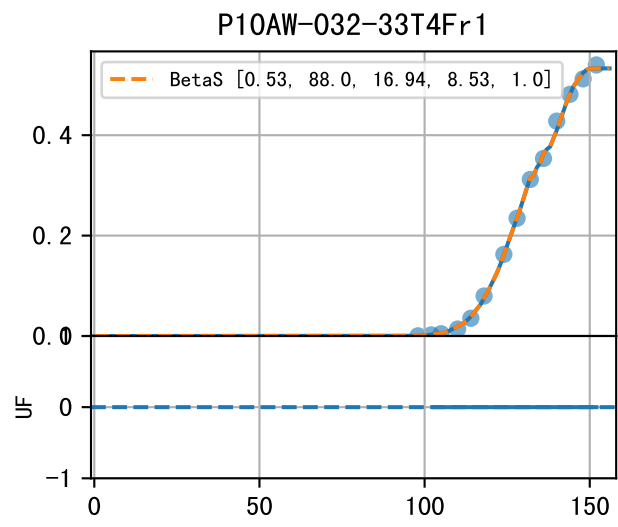
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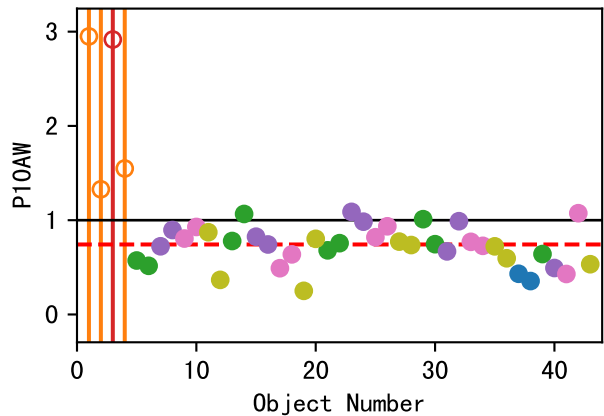
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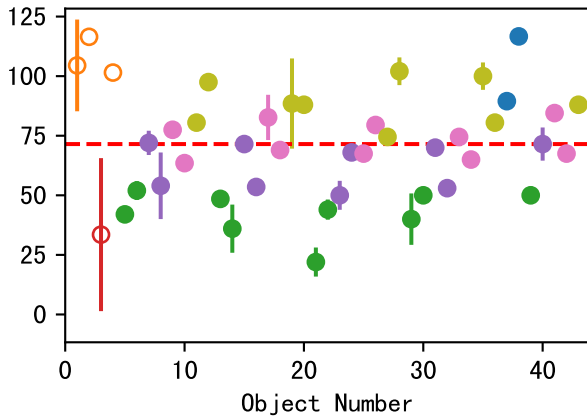




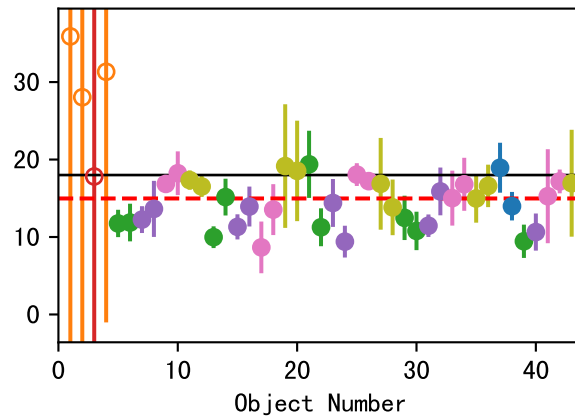
rmax (Def=1 Set=0.74)
avg1=0.74~28% avg2=na



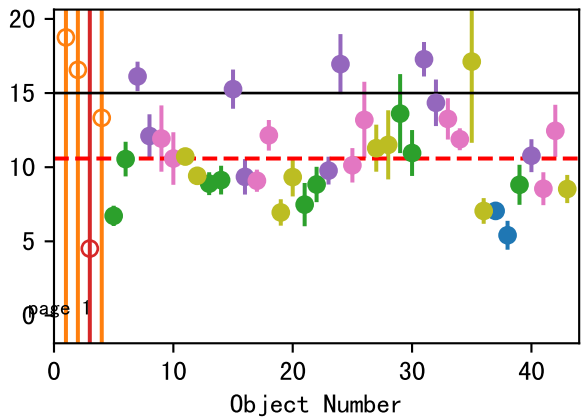
tb (Def=na Set=na)
avg1=10.58~52% avg2=na



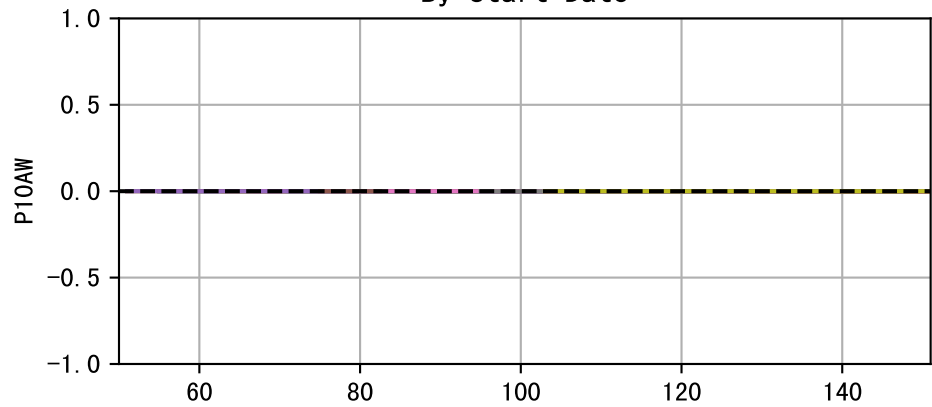
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avg1=14.97~20% avg2=na



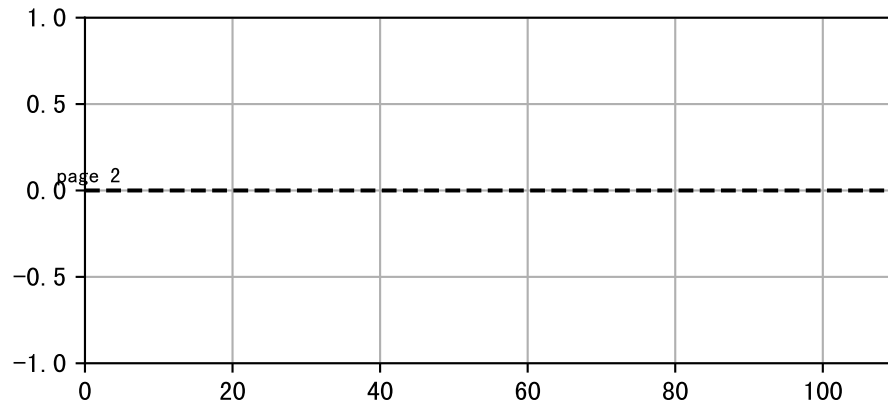
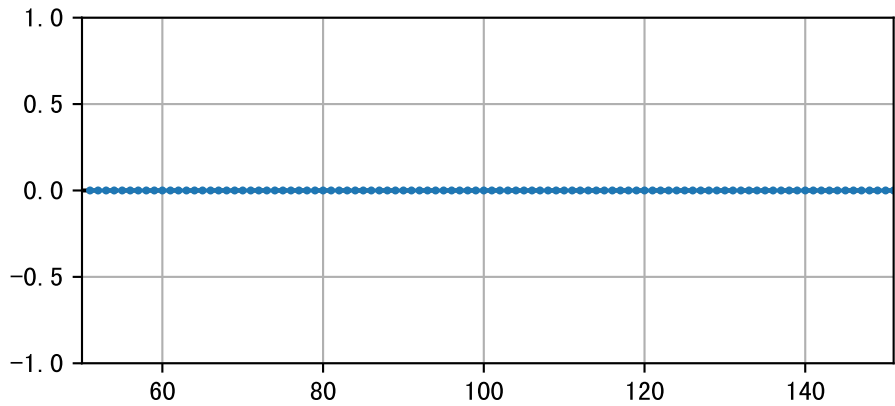
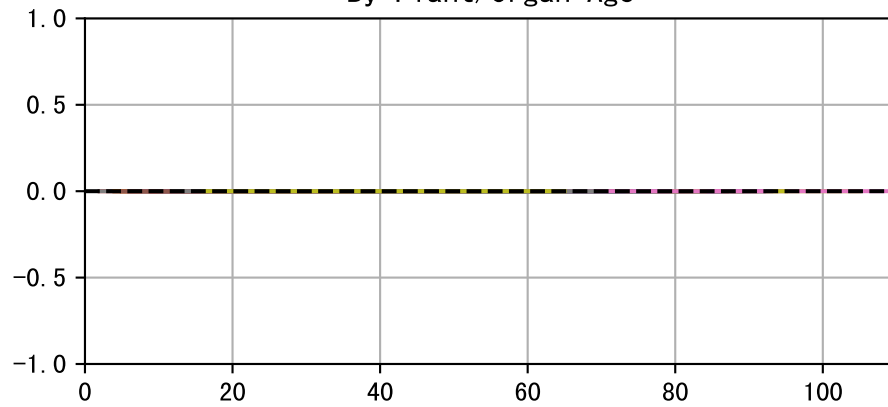
de (Def=15 Set=10.58)
avg1=10.58~28% avg2=na

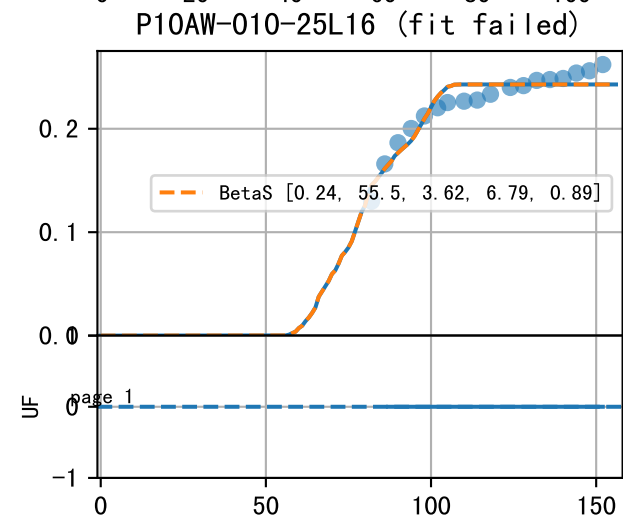
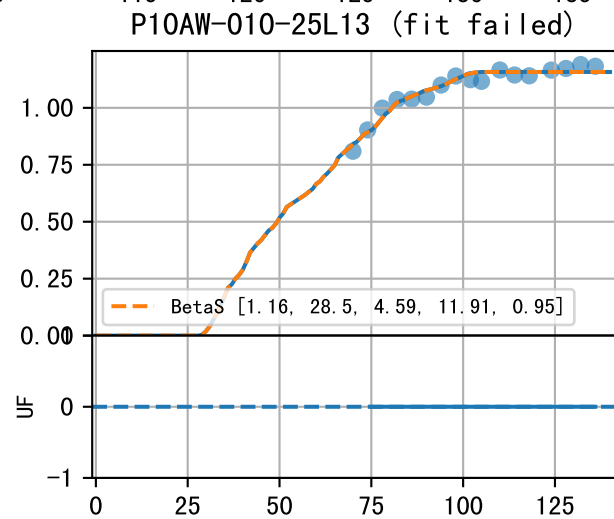
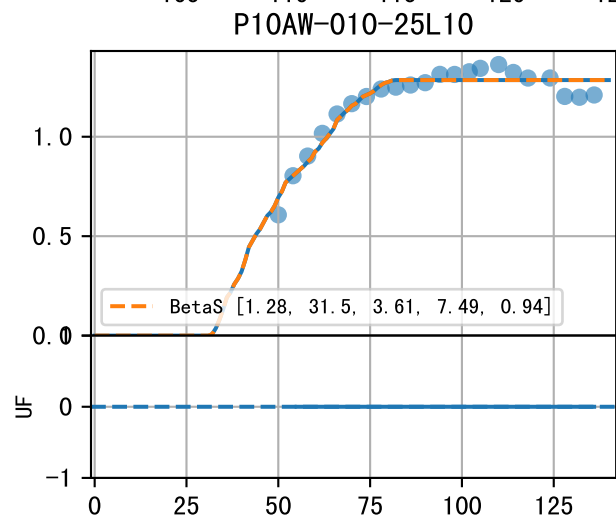
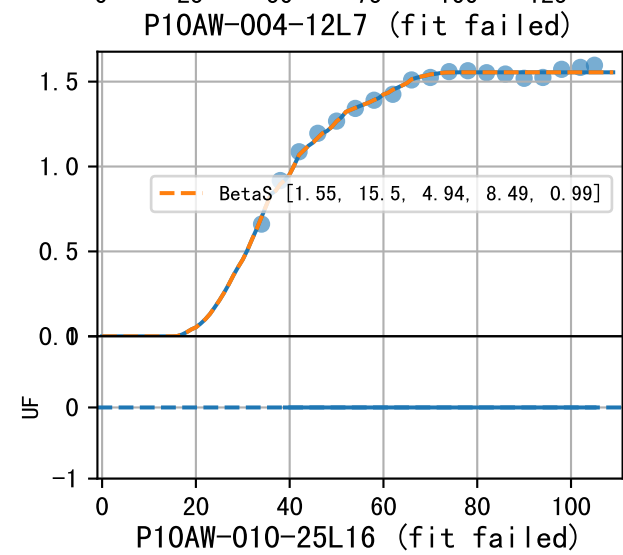
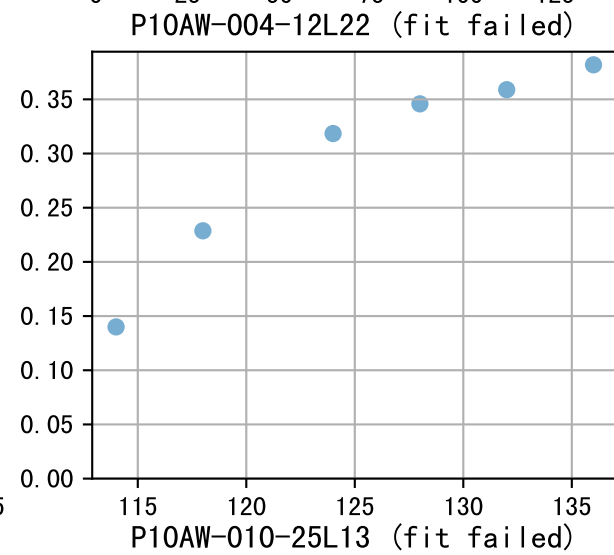
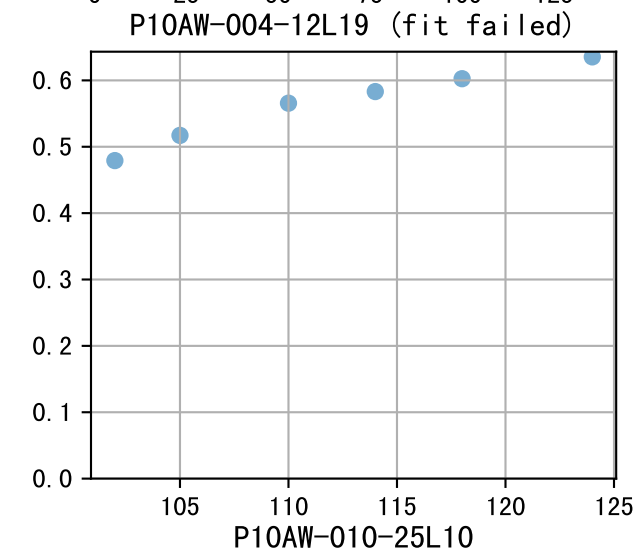
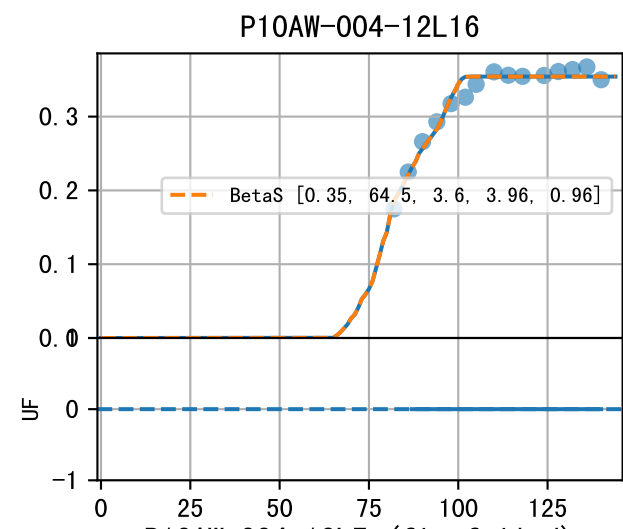
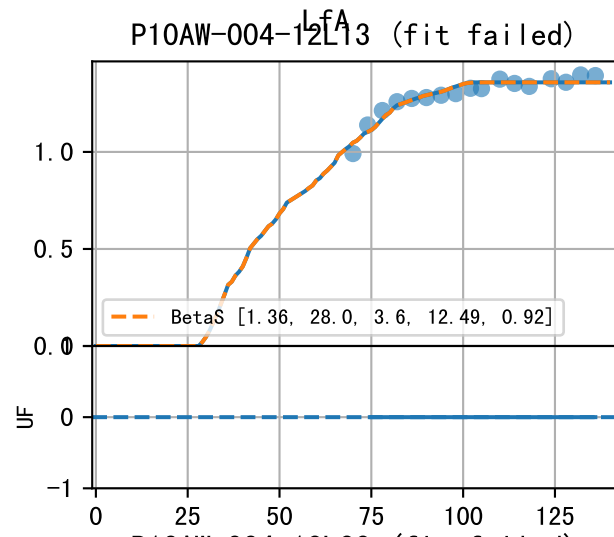
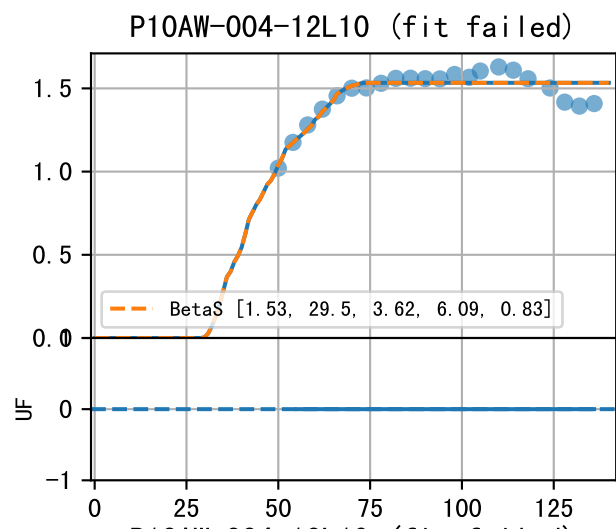


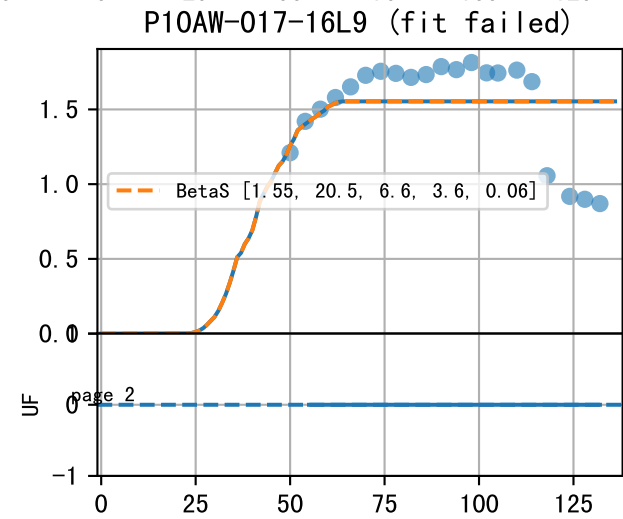
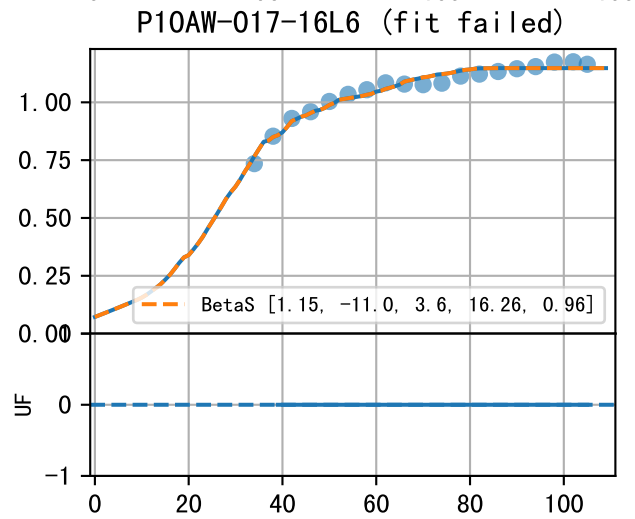
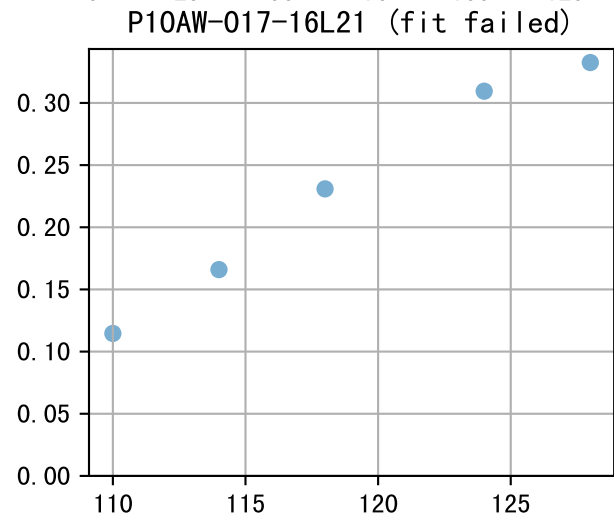
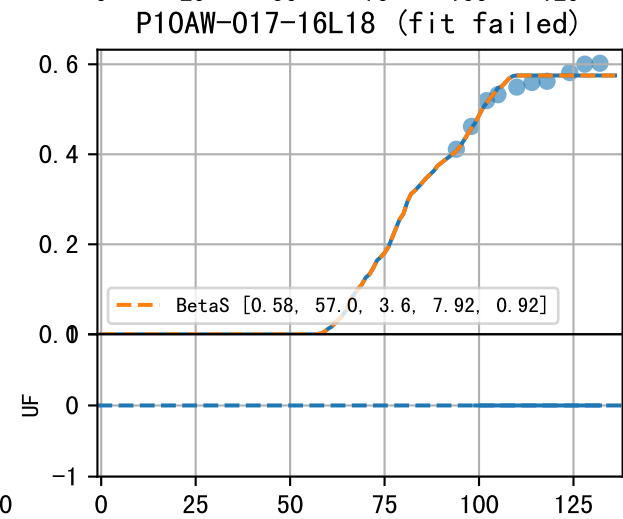
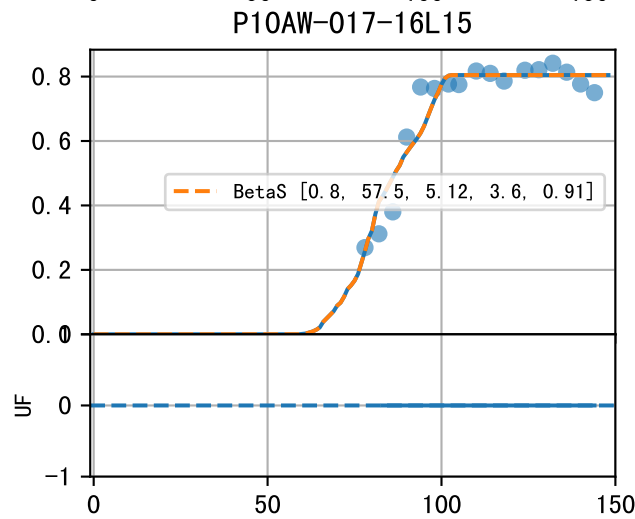
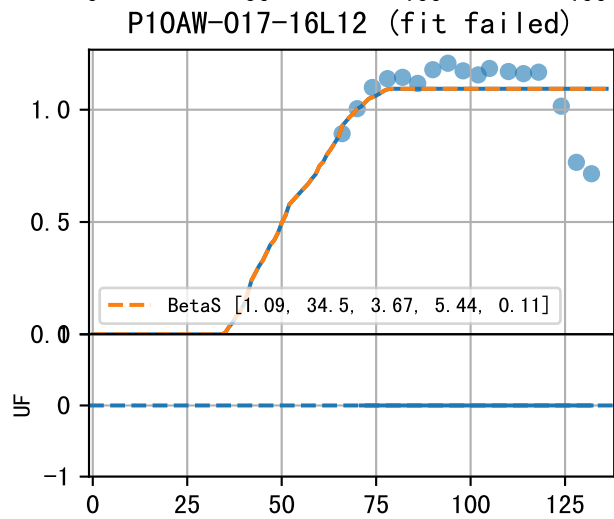
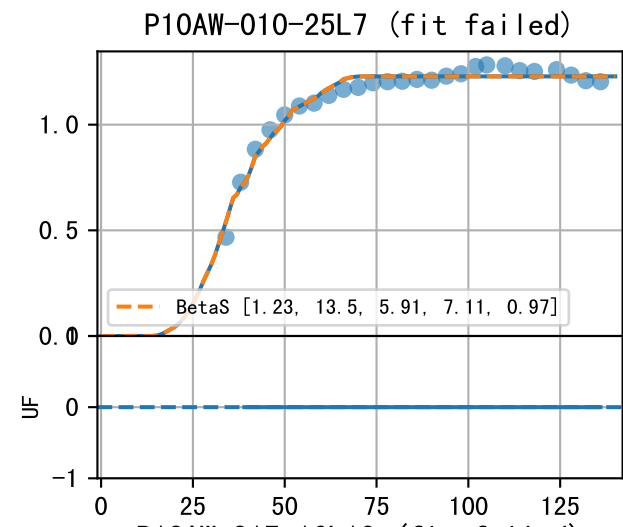
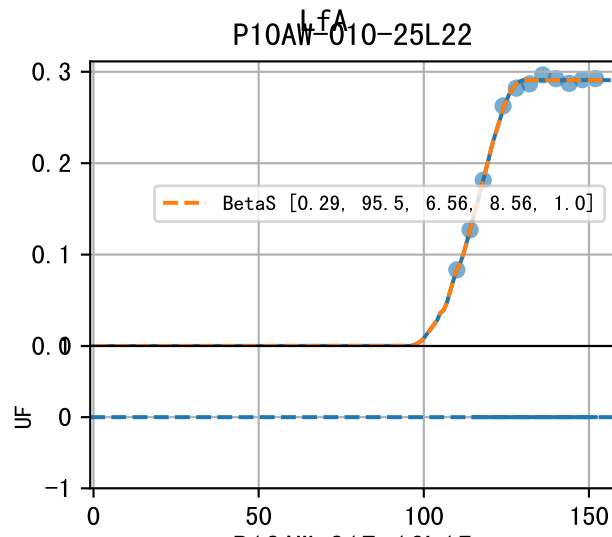
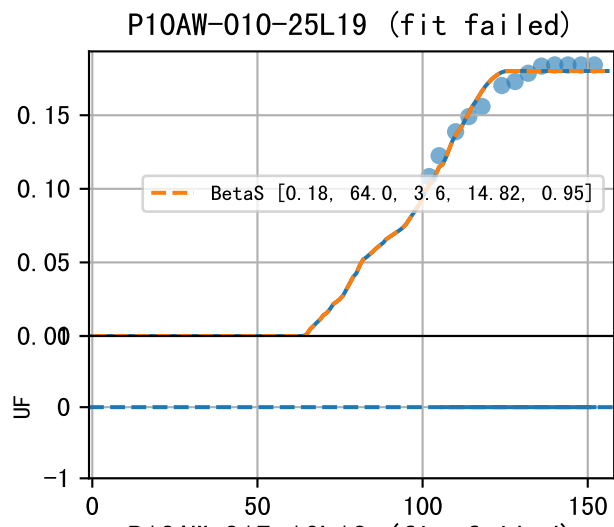
By Start Date

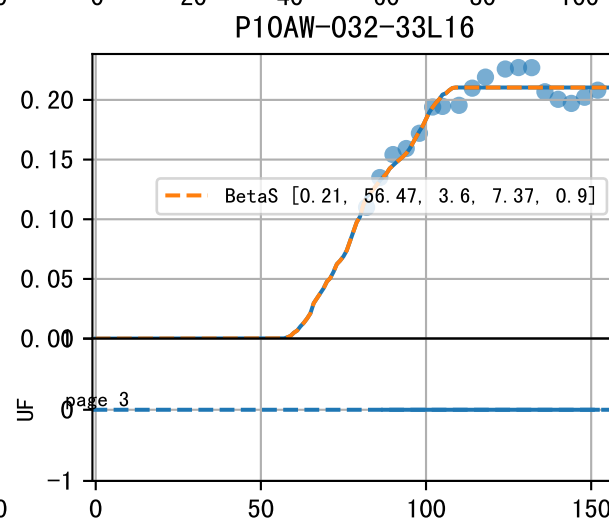
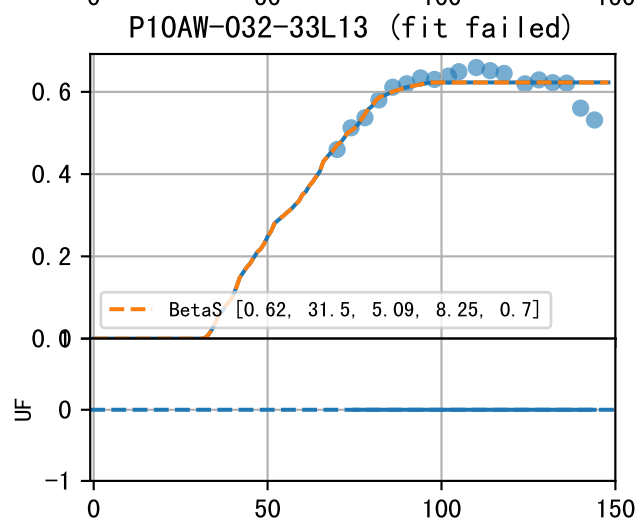
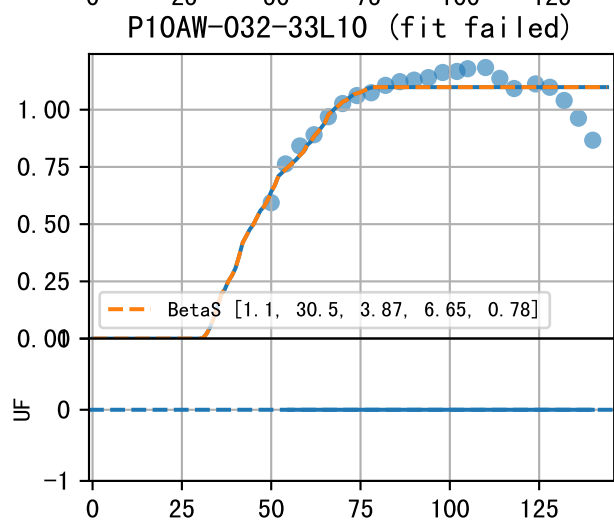
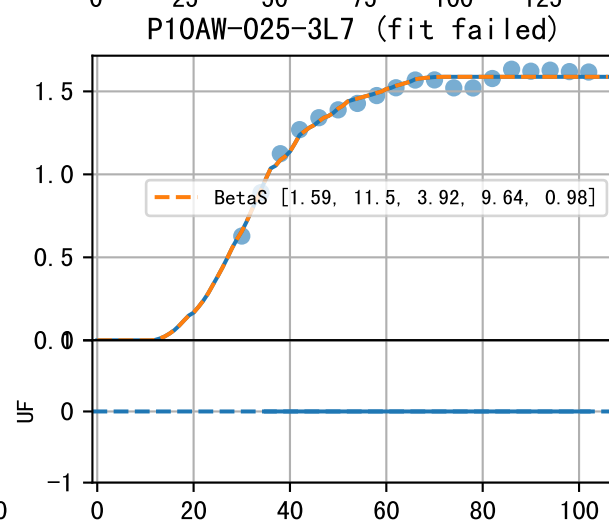
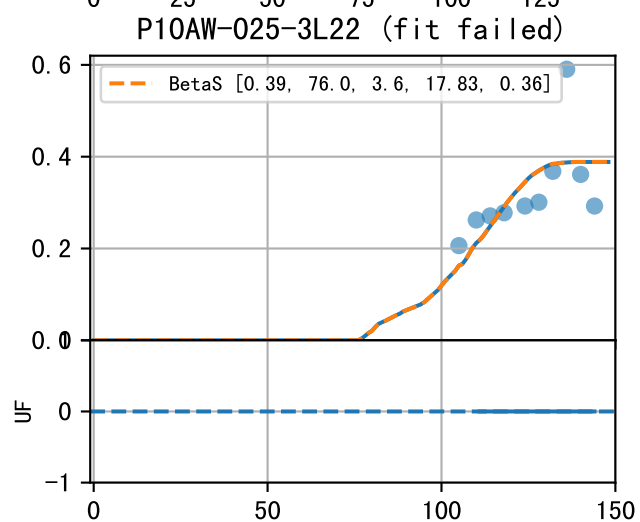
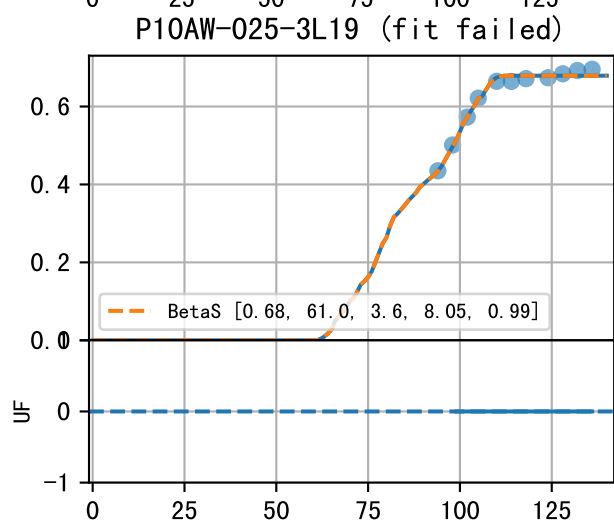
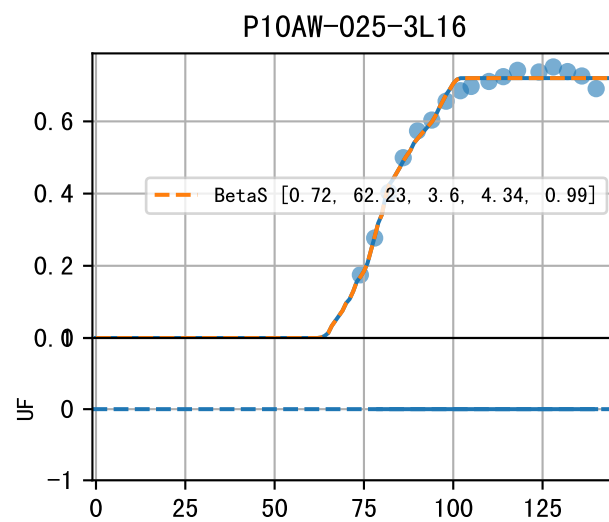
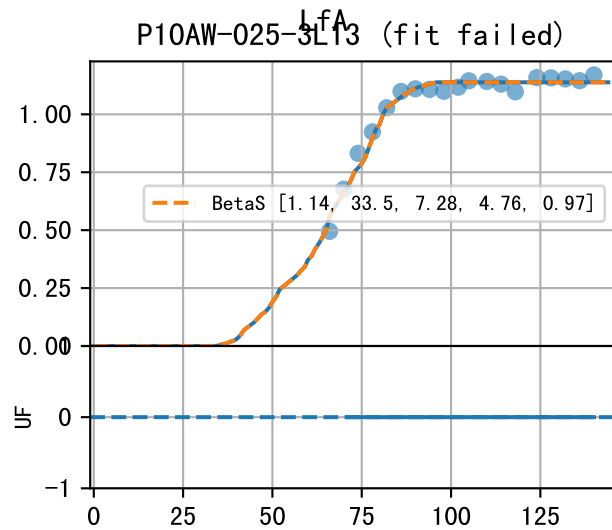
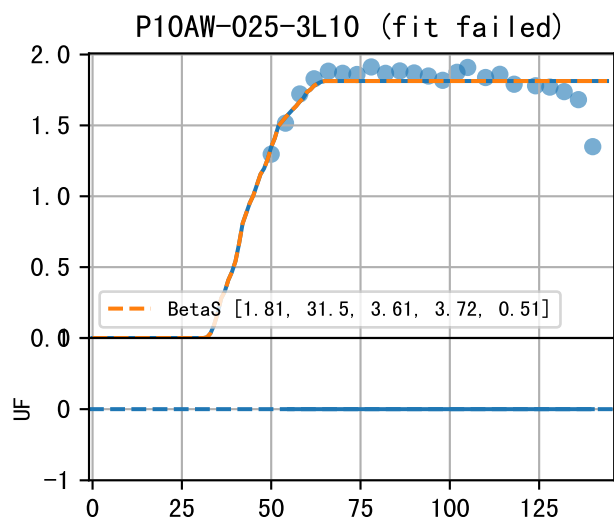


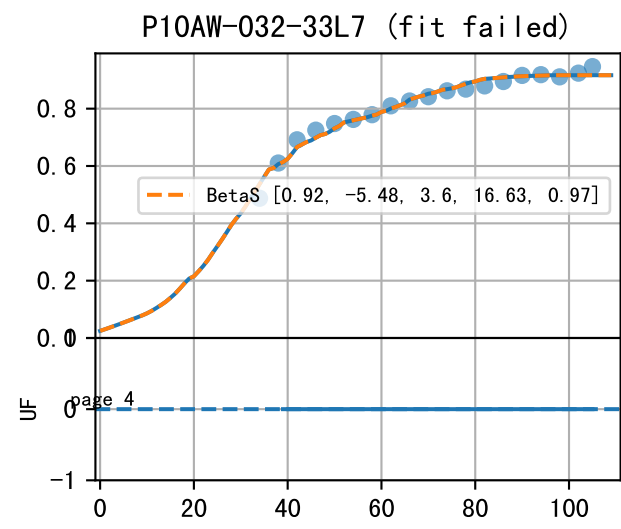
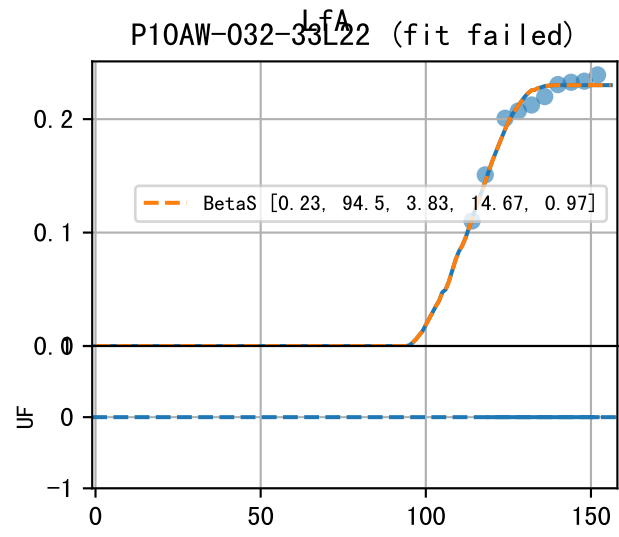
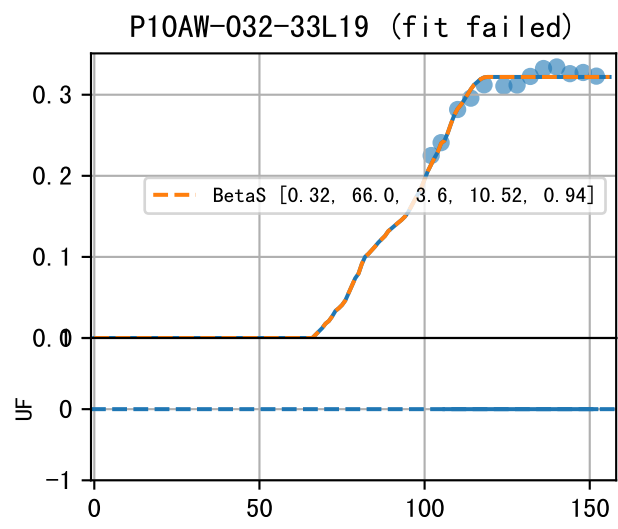
By Plant/Organ Age



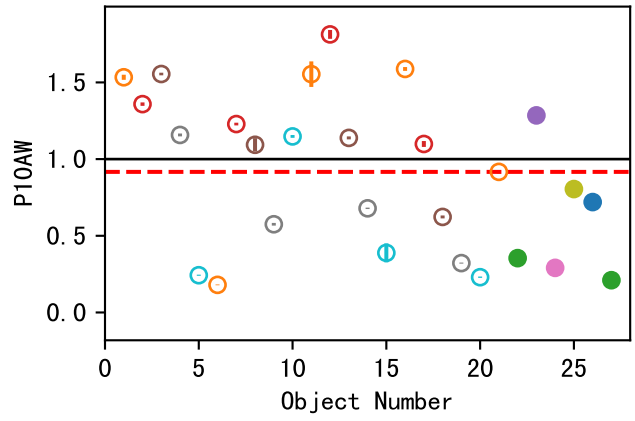




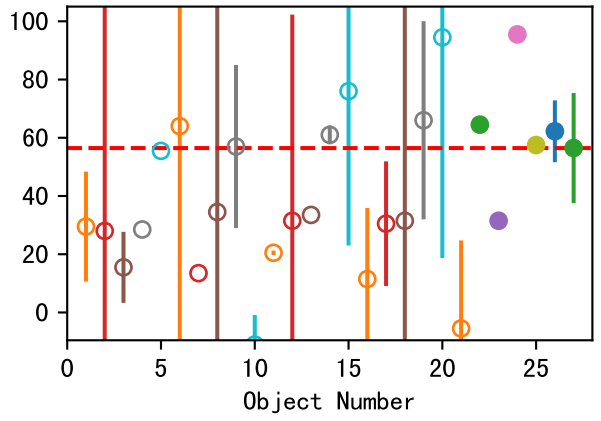




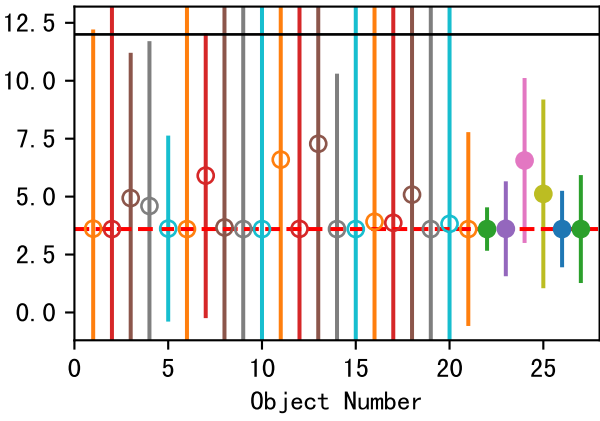
rmax (Def=1 Set=0.92)
avg1=0.92~55% avg2=na



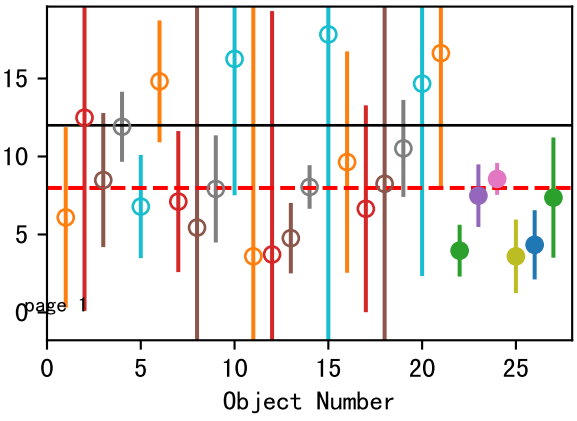
tb (Def=na Set=na)
avg1=1.44~14% avg2=na



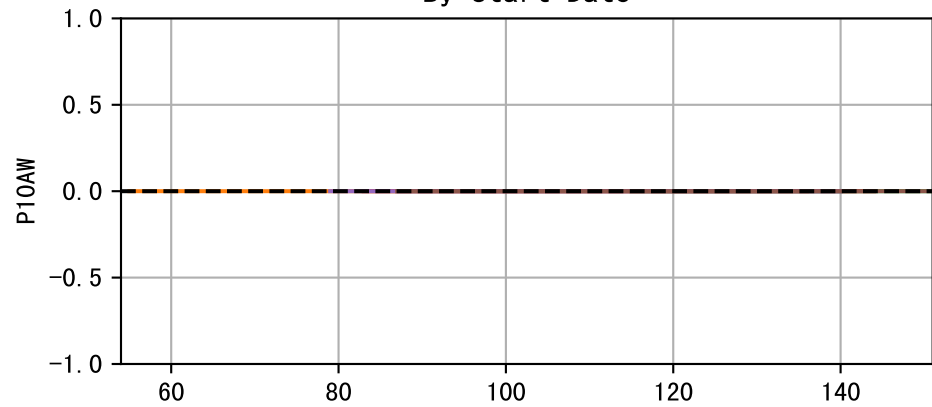
dm (Def=12 Set=3.6)
avg1=3.6~19% avg2=na



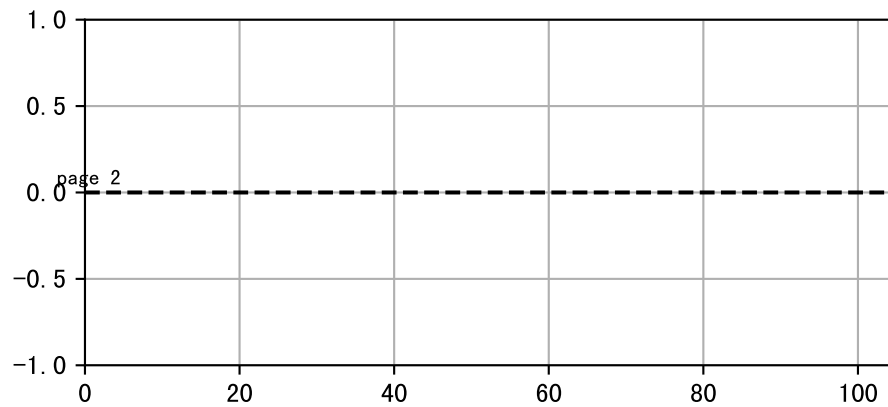
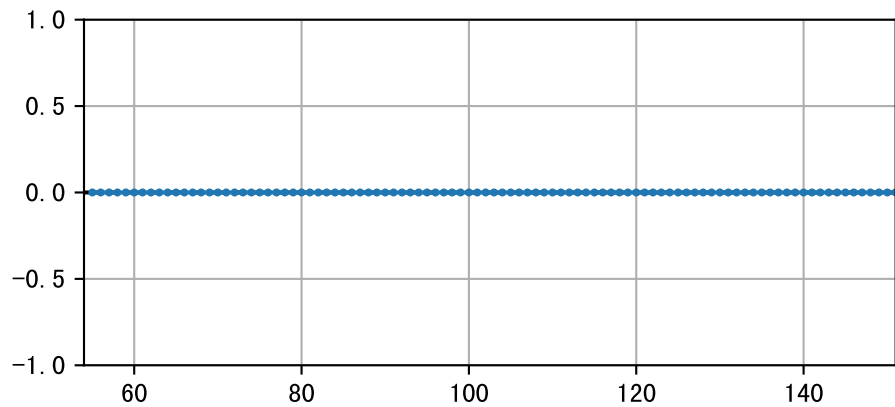
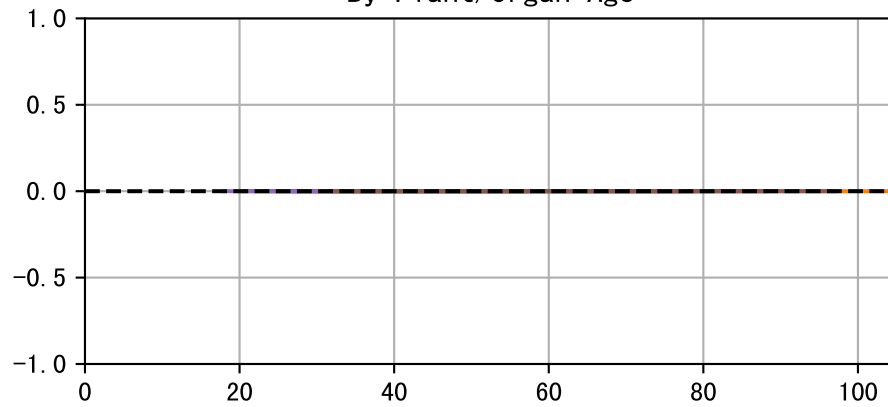
de (Def=12 Set=7.98)
avg1=7.98~49% avg2=na



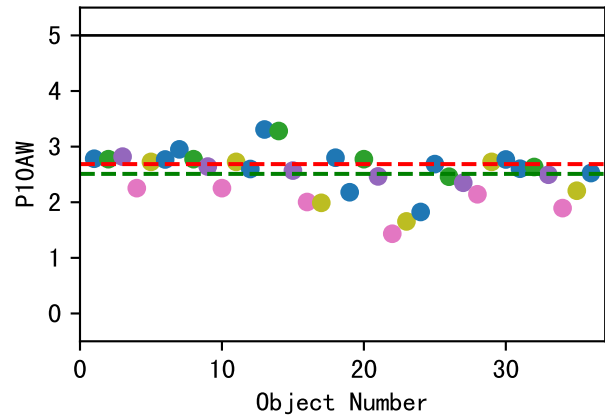
By Start Date



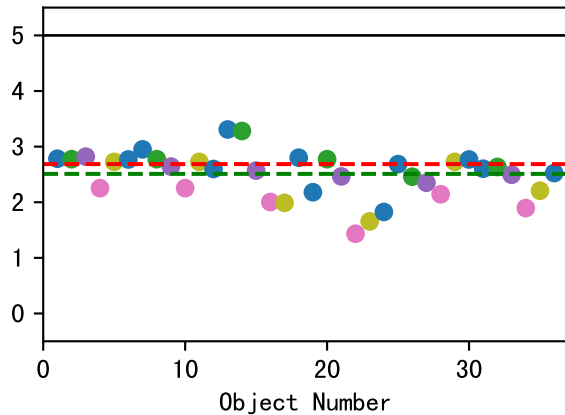
By Plant/Organ Age



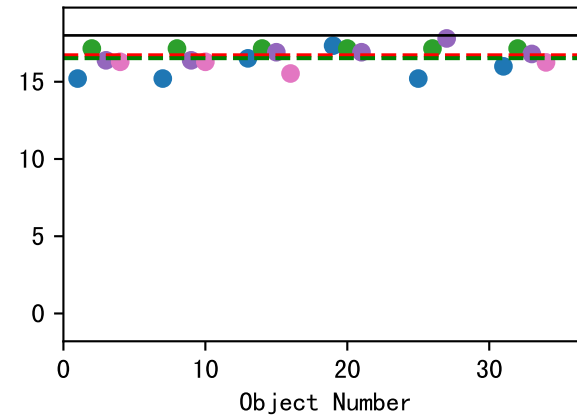
PI_dm (Def=5 Set=2.69)
avg1=2.69~15% avg2=2.51~11%



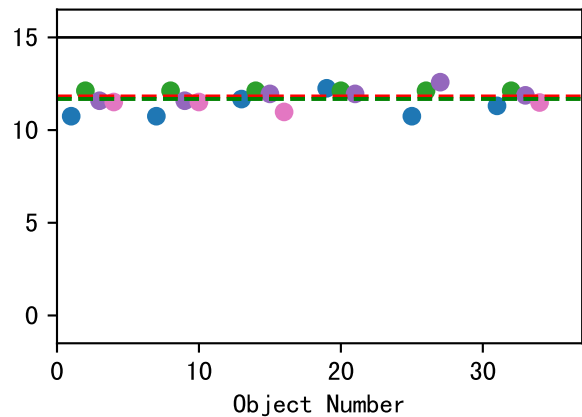
PI_de (Def=5 Set=2.69)
avg1=2.69~15% avg2=2.51~11%



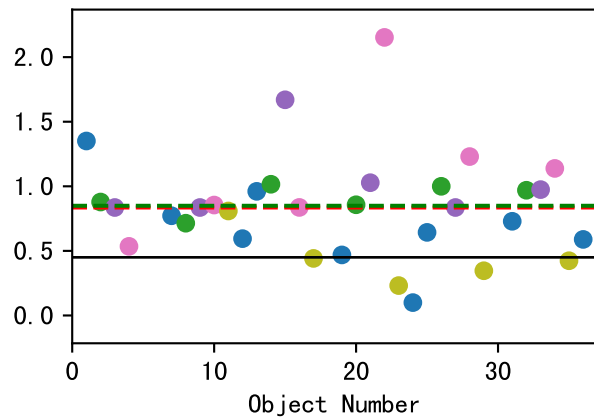
FrV_dm (Def=16 Set=16.71)
avg1=16.71~5% avg2=16.53~3%



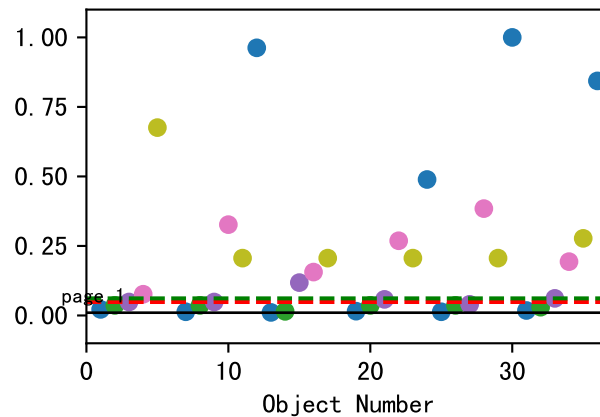
FrV_de (Def=15 Set=11.81)
avg1=11.81~5% avg2=11.68~3%



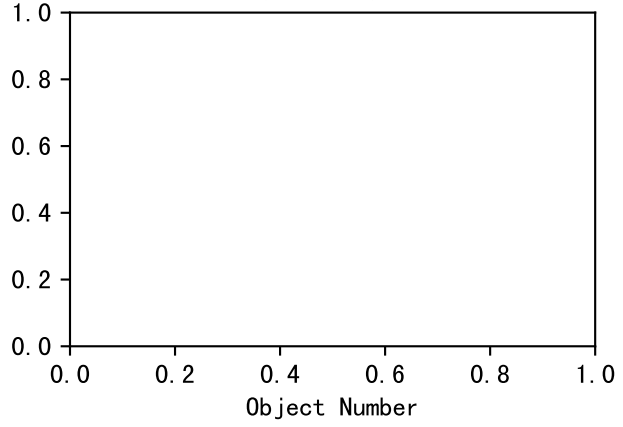
FrN_a (Def=0.45 Set=0.84)
avg1=0.84~36% avg2=0.85~32%



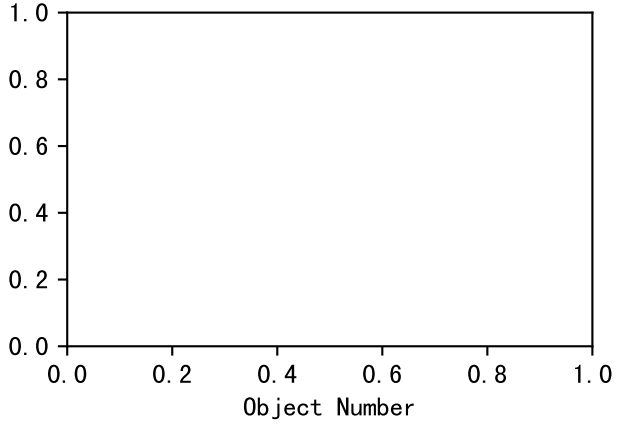
FSDdevStage (Def=0.01 Set=0.01)
avg1=0.05~273% avg2=0.06~186%



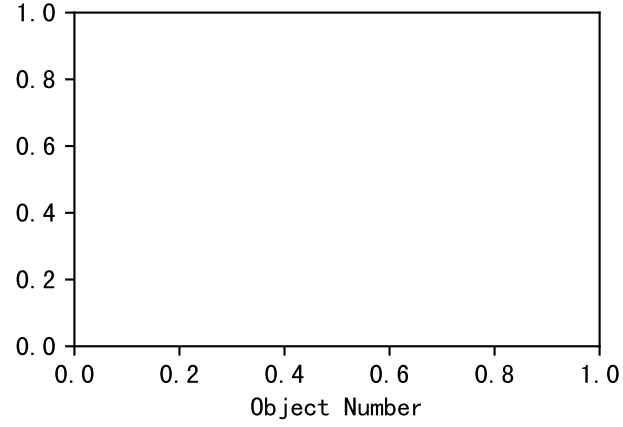
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



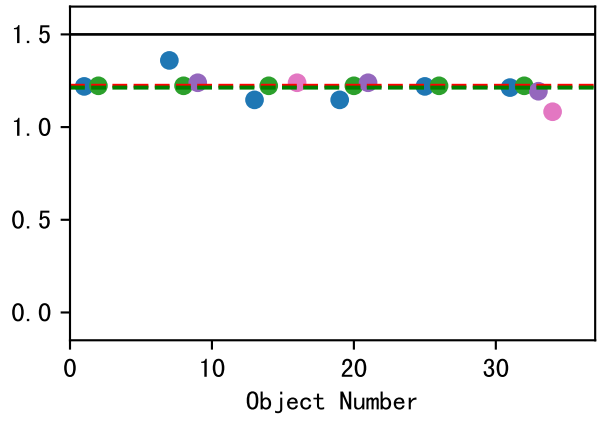
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



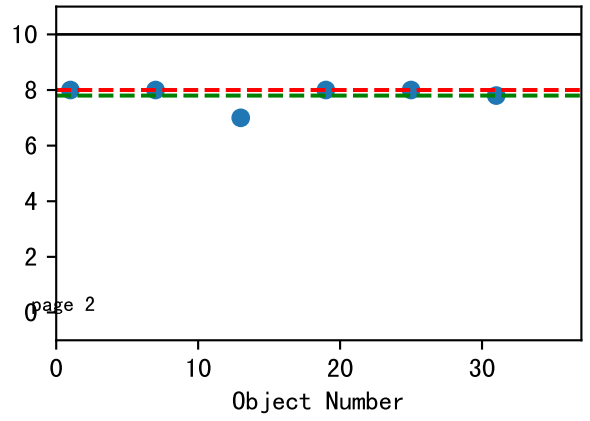
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



FHDdevStage (Def=1.5 Set=1.22)
avg1=1.22~1% avg2=1.21~1%

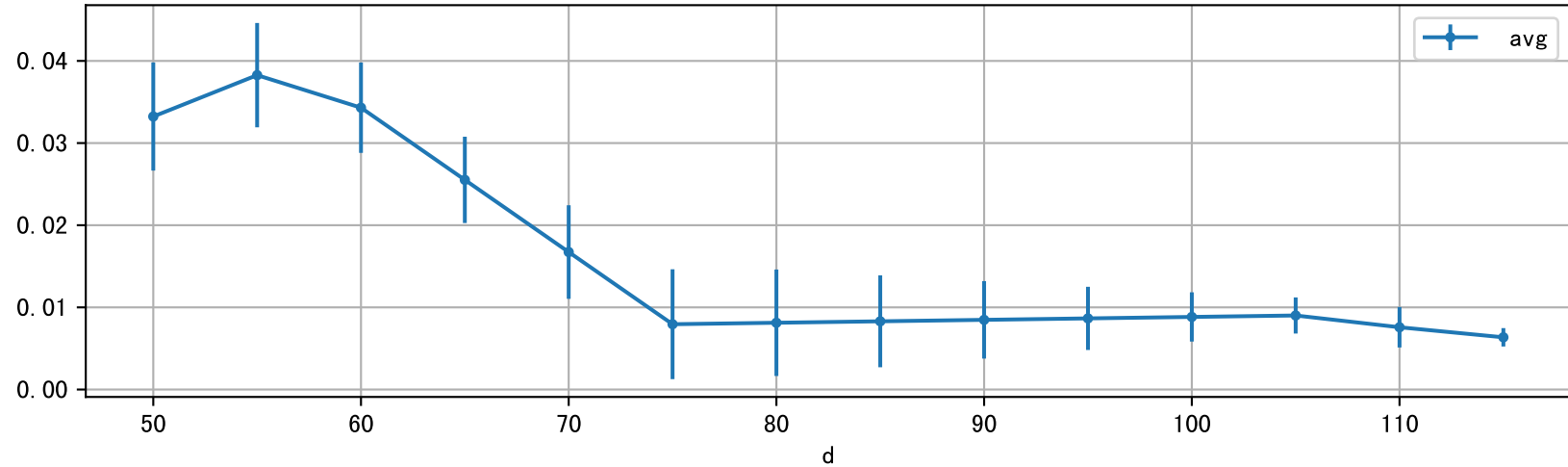


NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=7.8

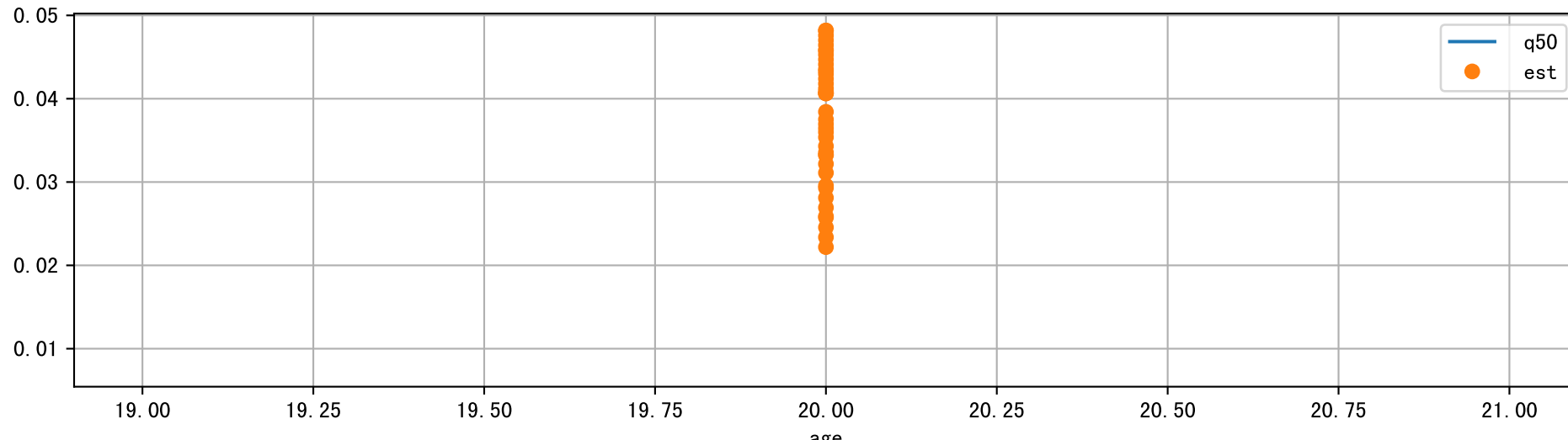


LfA: avg vs. d at each age group

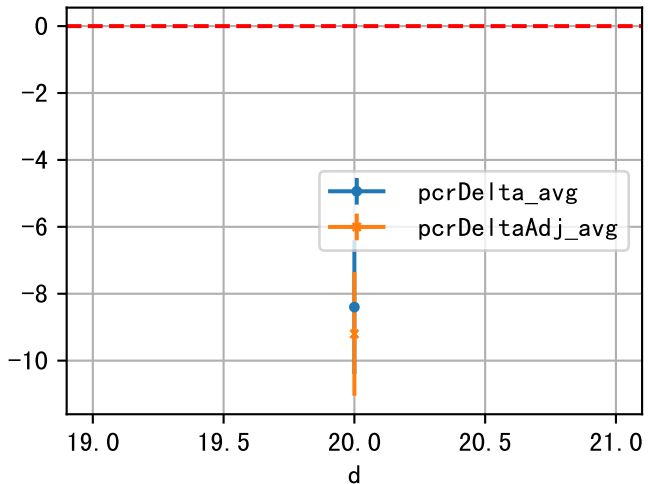
age=20



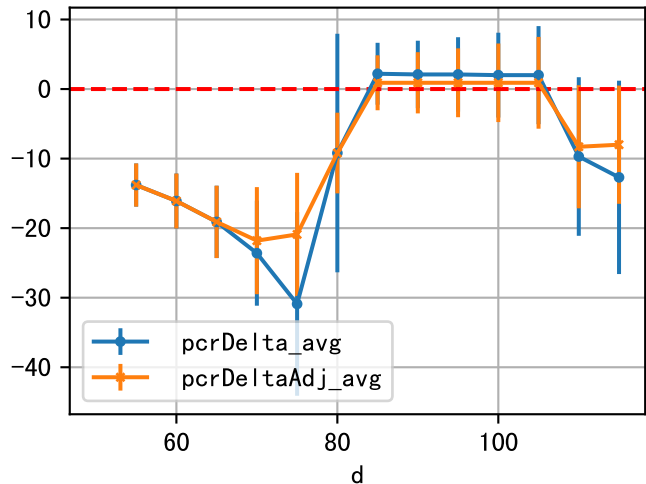
LfA: model est vs obs0v@Q50



DeltaTypeAbbr=GrpByAge

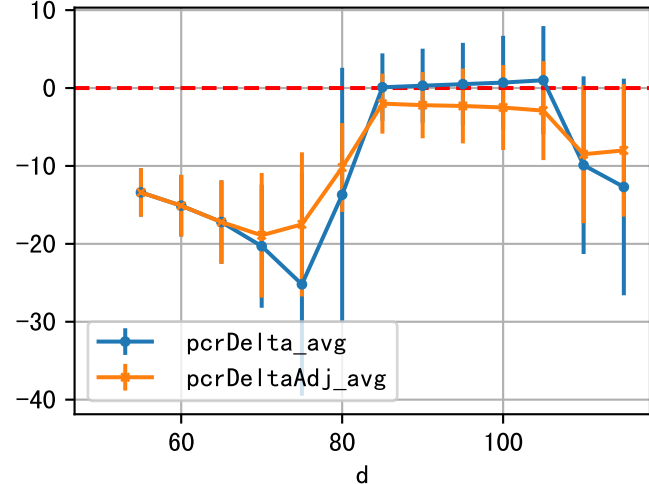


DeltaTypeAbbr=GrpByDay

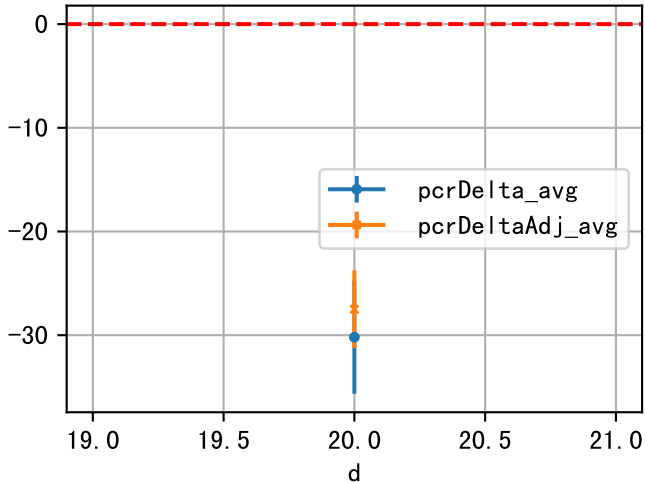


page 3

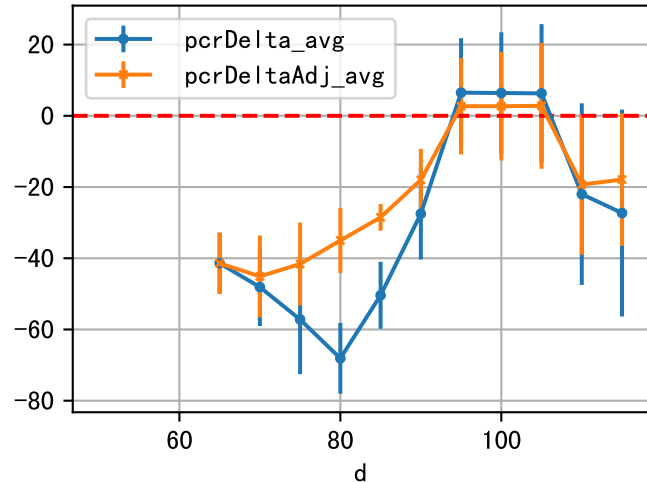
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

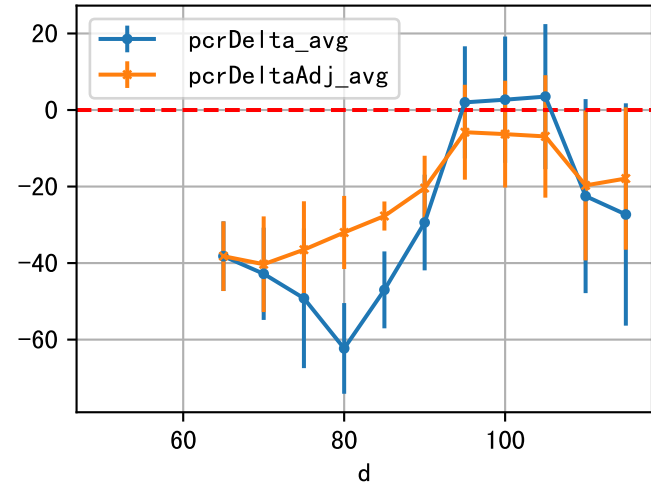


DeltaTypeAbbr=GrpByDay

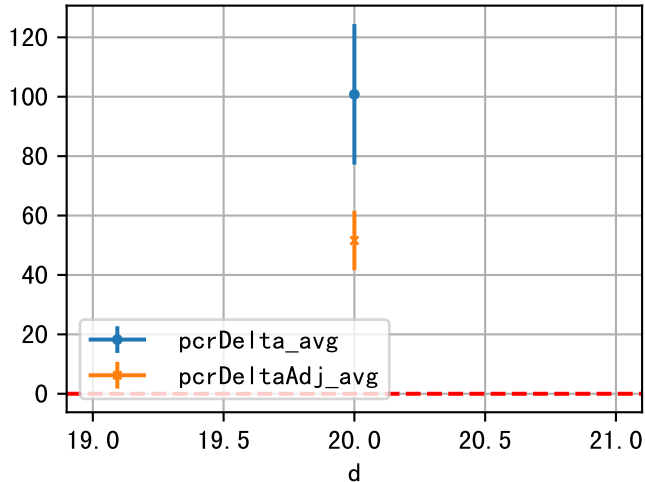


page 4

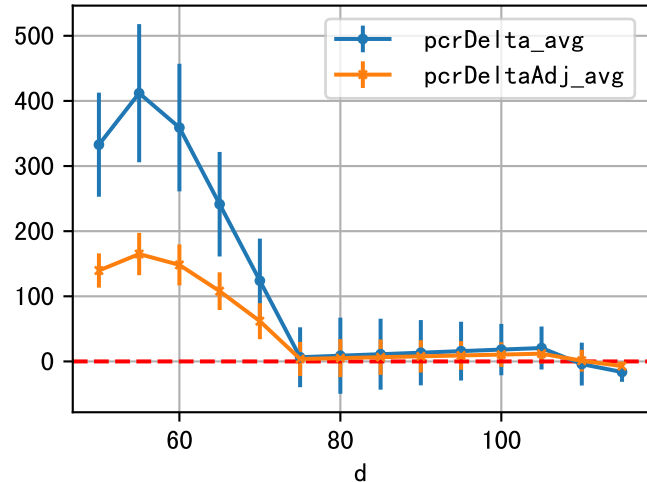
DeltaTypeAbbr=Wei AvgByD



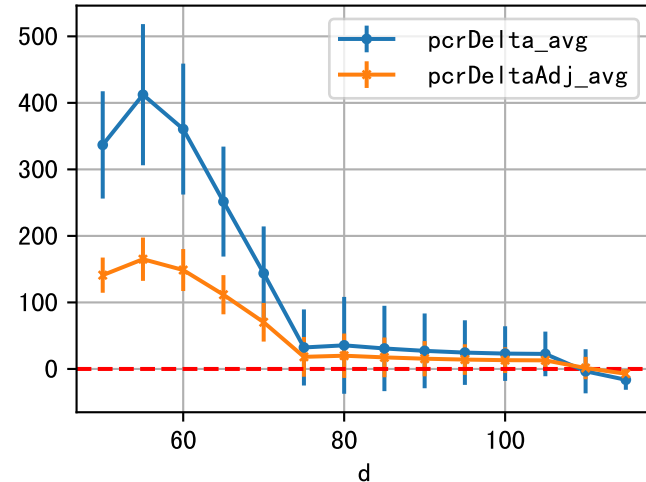
DeltaTypeAbbr=GrpByAge



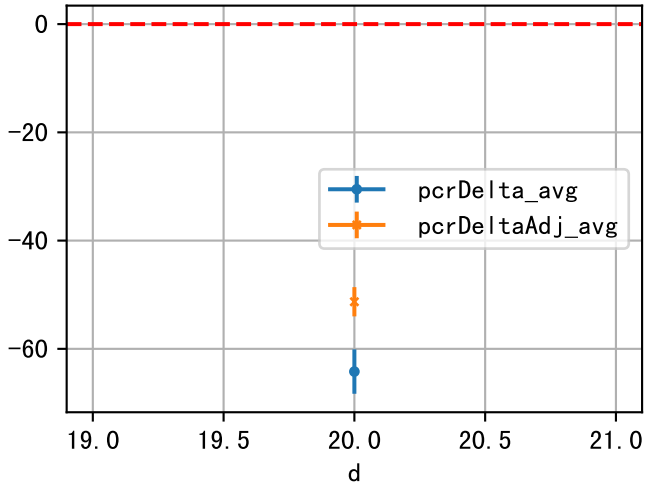
DeltaTypeAbbr=GrpByDay



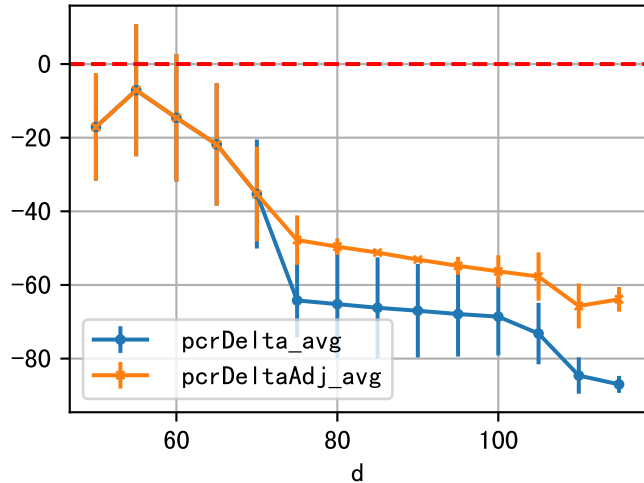
DeltaTypeAbbr=Wei AvgByD



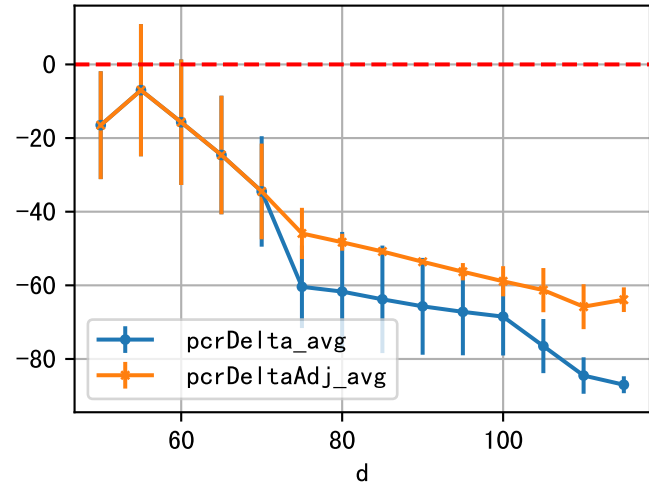
DeltaTypeAbbr=GrpByAge



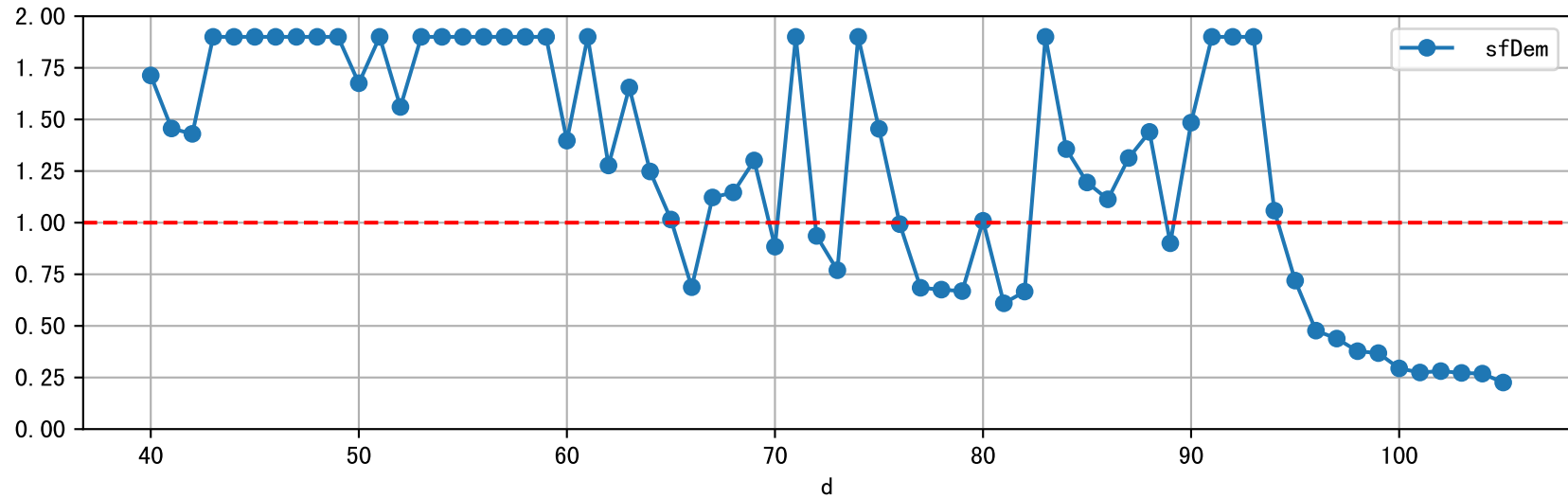
DeltaTypeAbbr=GrpByDay

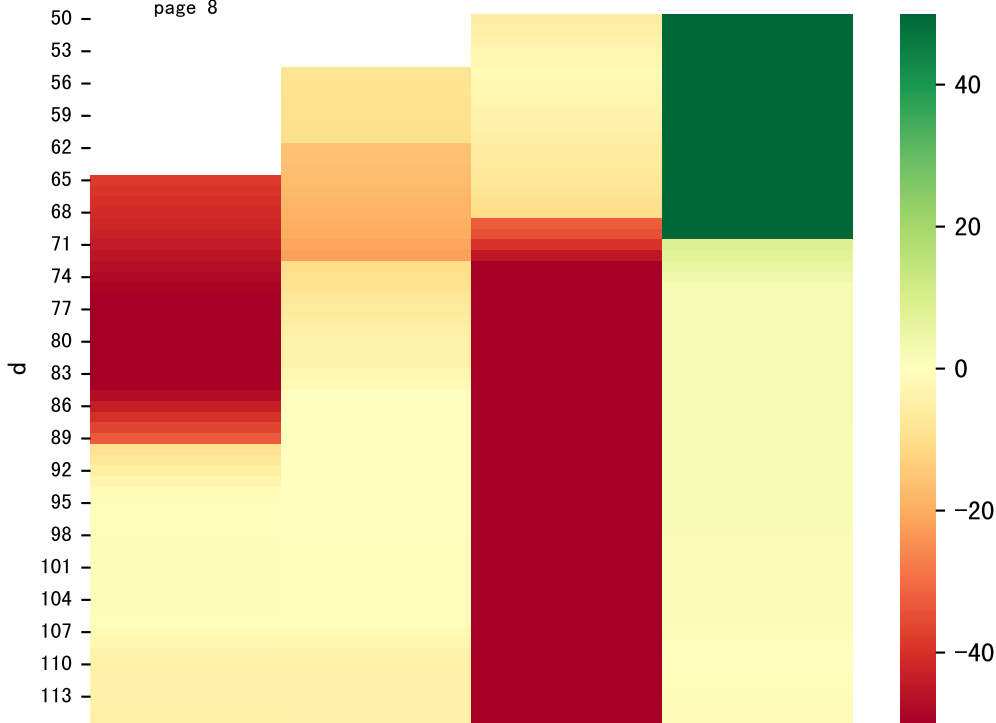


DeltaTypeAbbr=Wei AvgByD



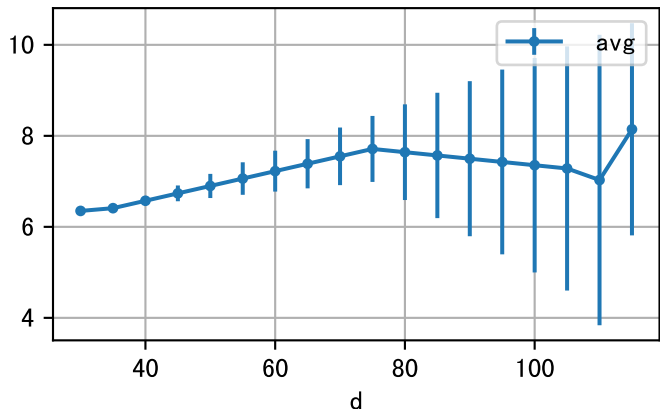
LfA: sfDem



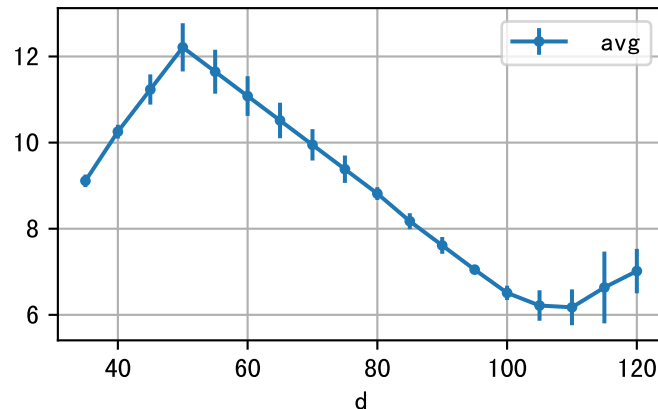


NdD: avg vs. d at each age group

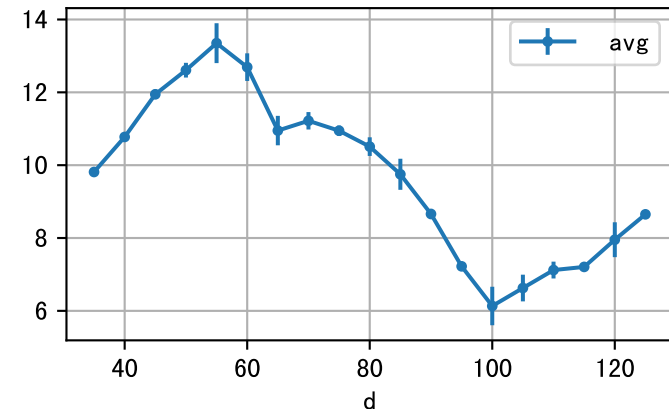
age=15



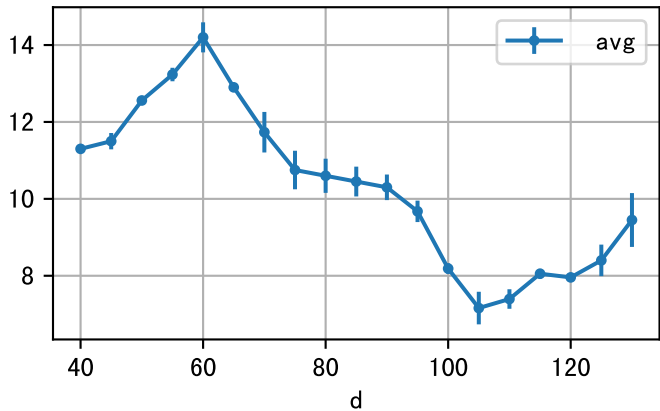
age=20



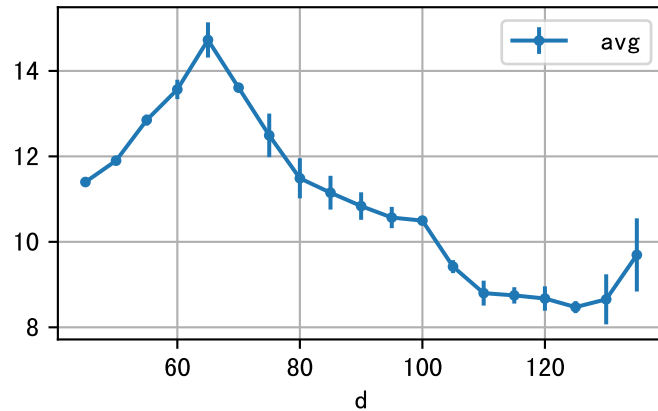
age=25



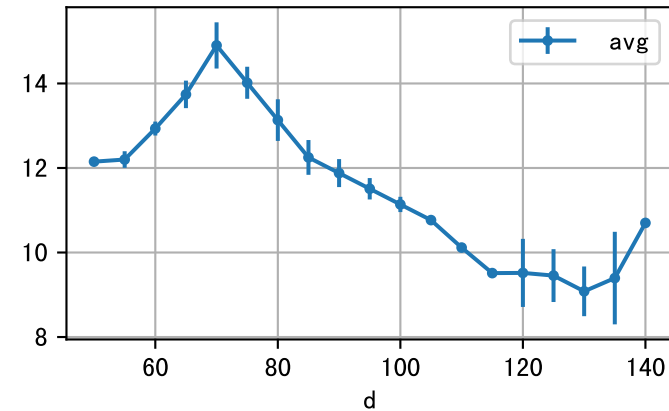
age=30



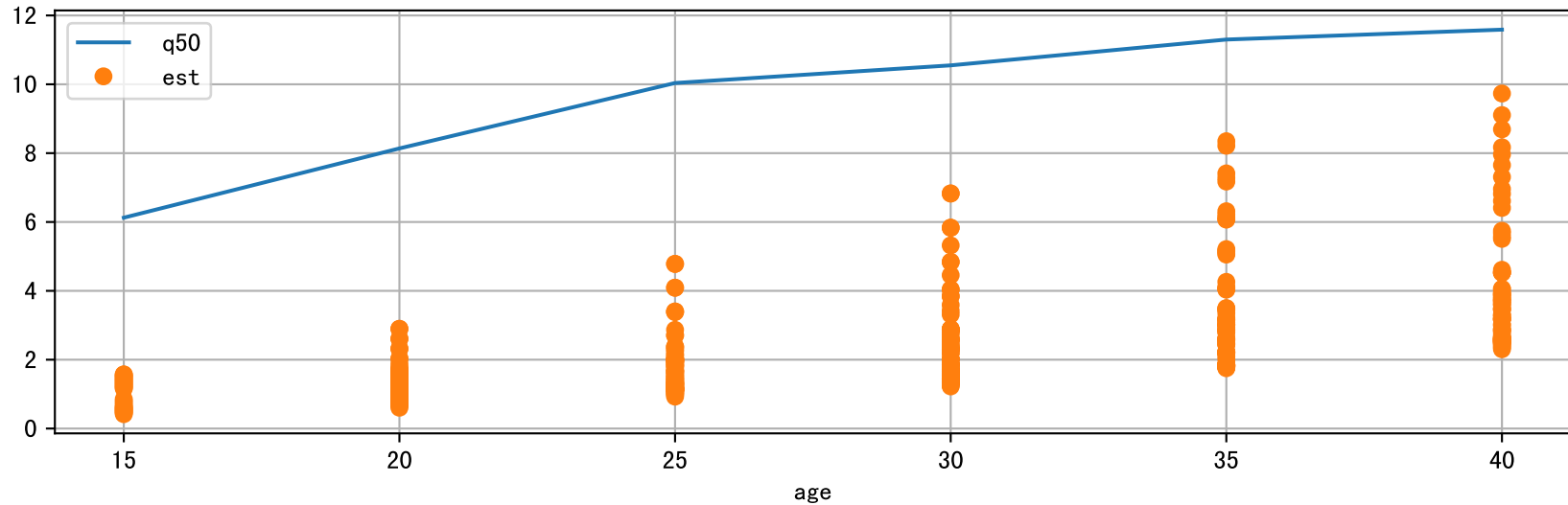
age=35



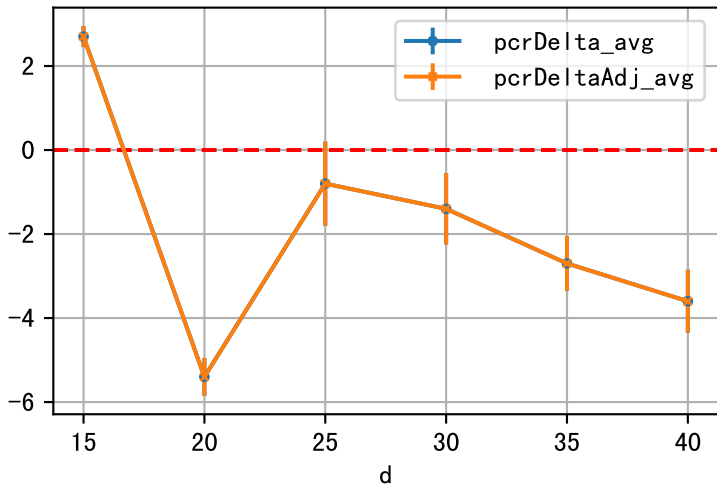
age=40



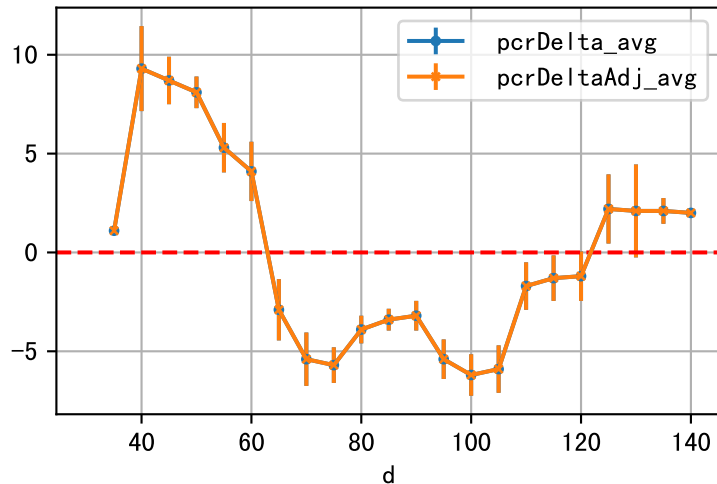
NdD: model est vs obs0v@Q50



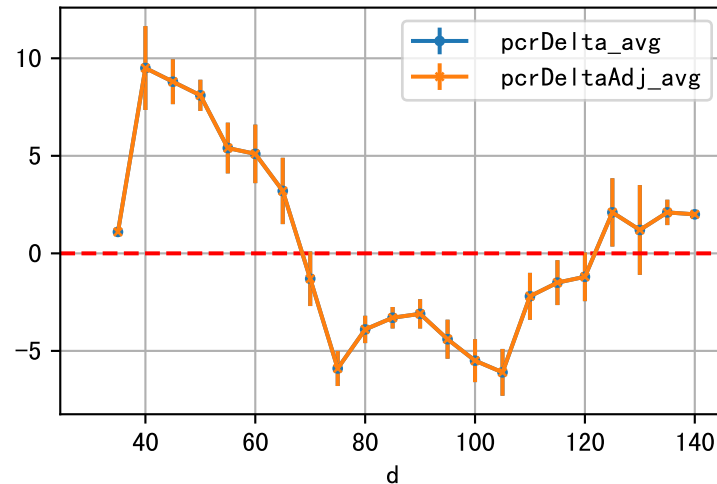
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

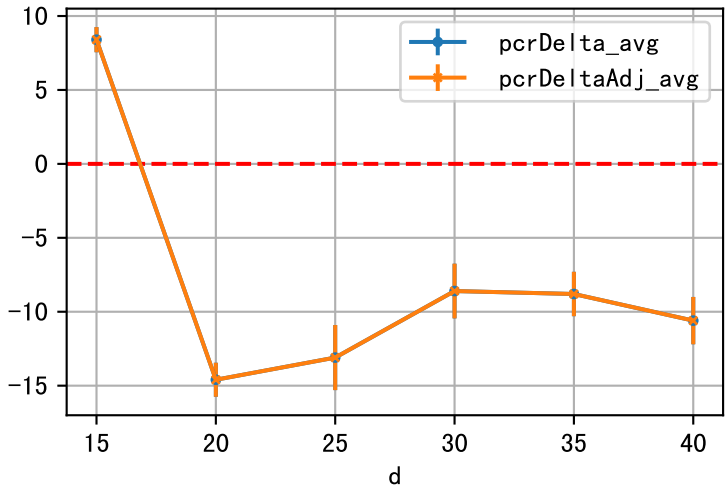


DeltaTypeAbbr=Wei AvgByD

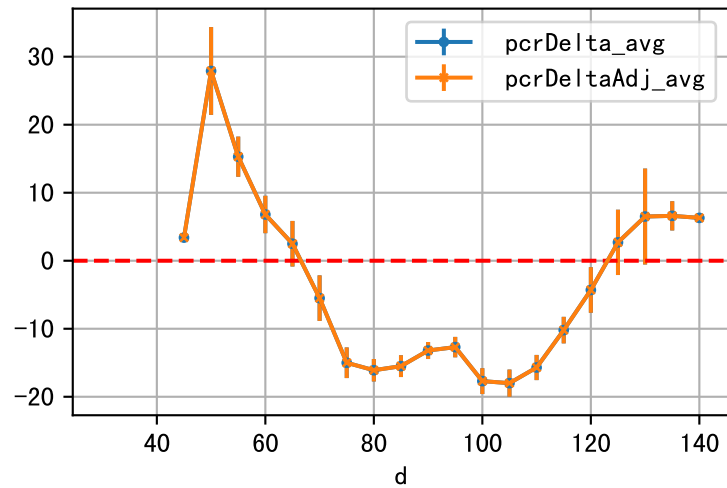


P10AW NdD: D_15d_NdD

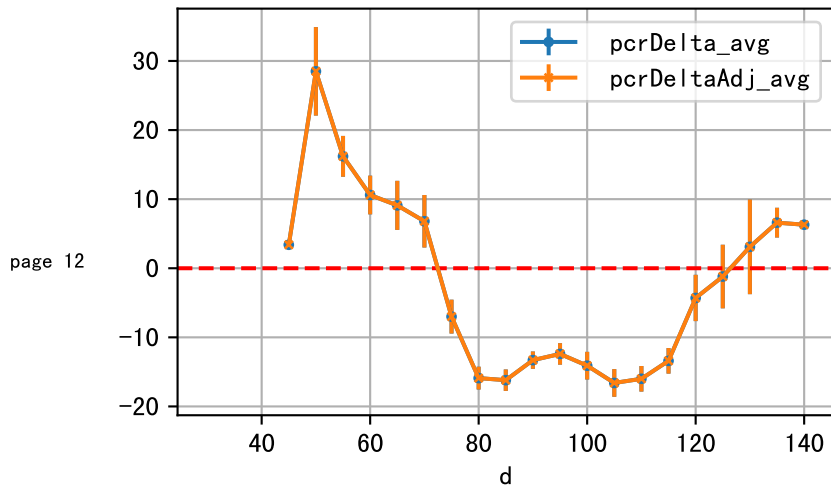
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

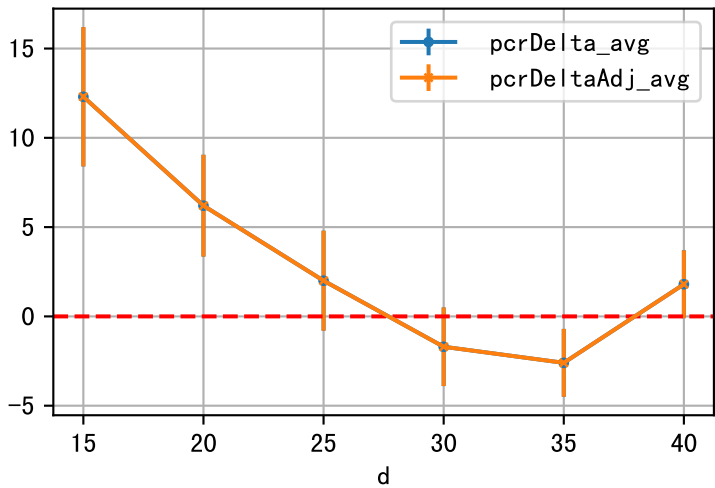


DeltaTypeAbbr=Wei AvgByD

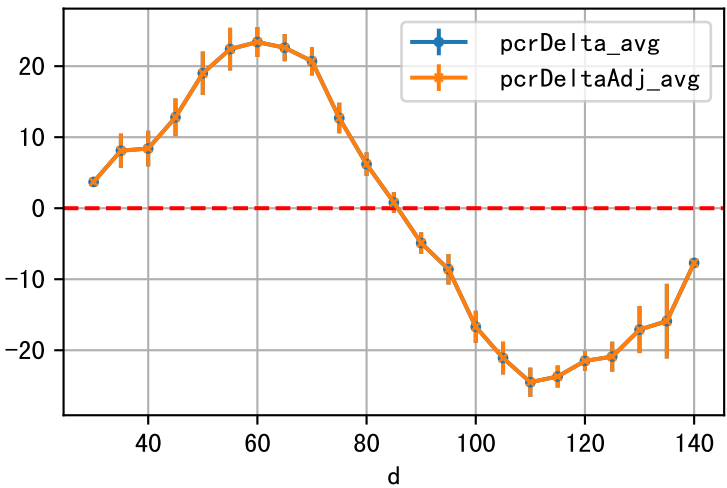


P10AW NdD: D_Q50_NdD

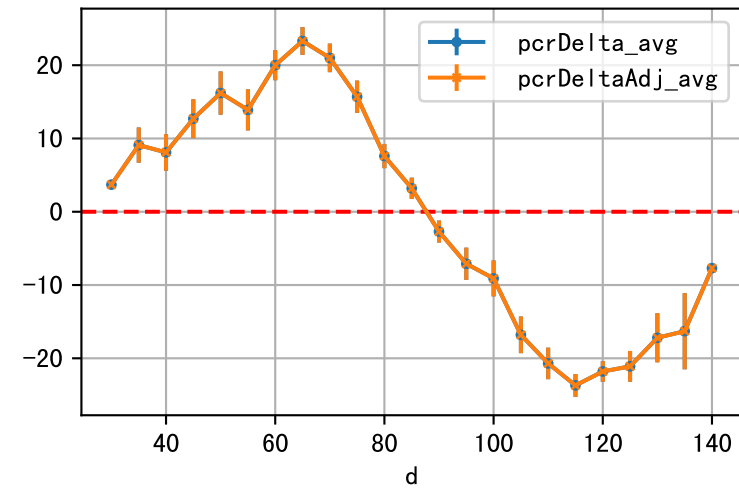
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

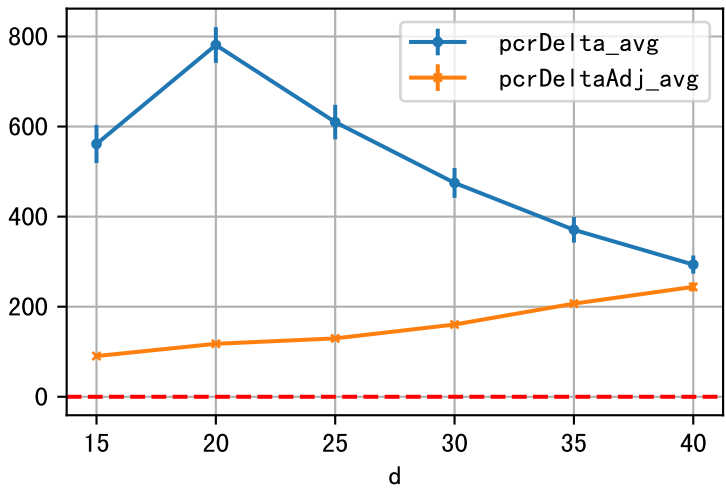


DeltaTypeAbbr=Wei AvgByD

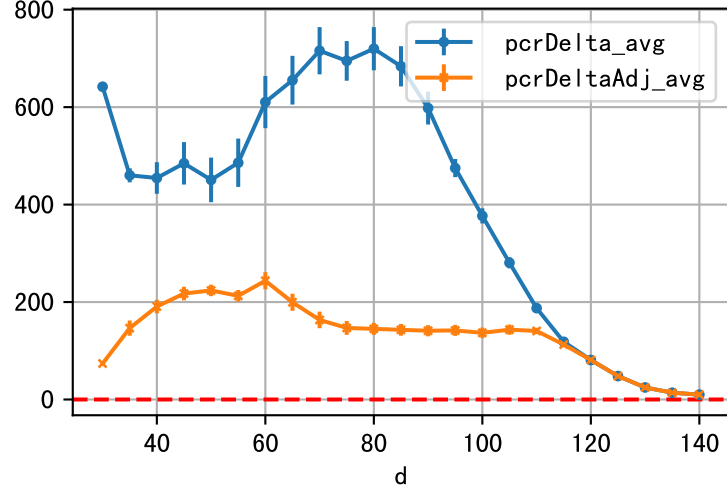


P10AW NdD: D_Est_NdD

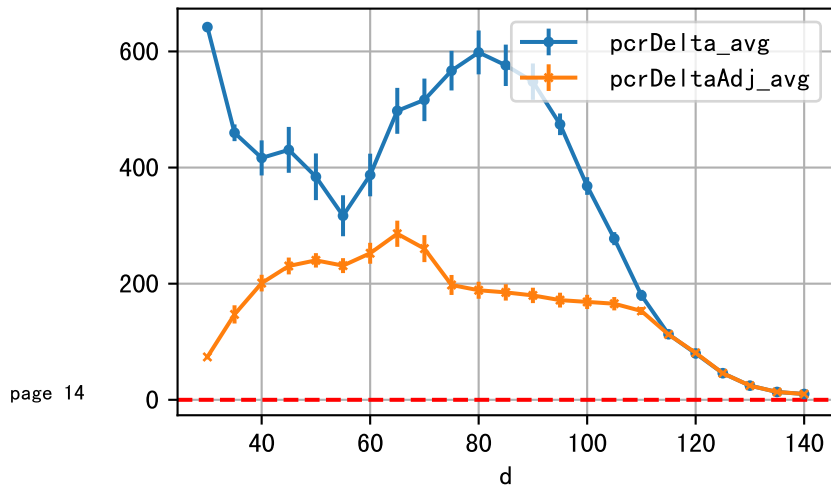
DeltaTypeAbbr=GrpByAge



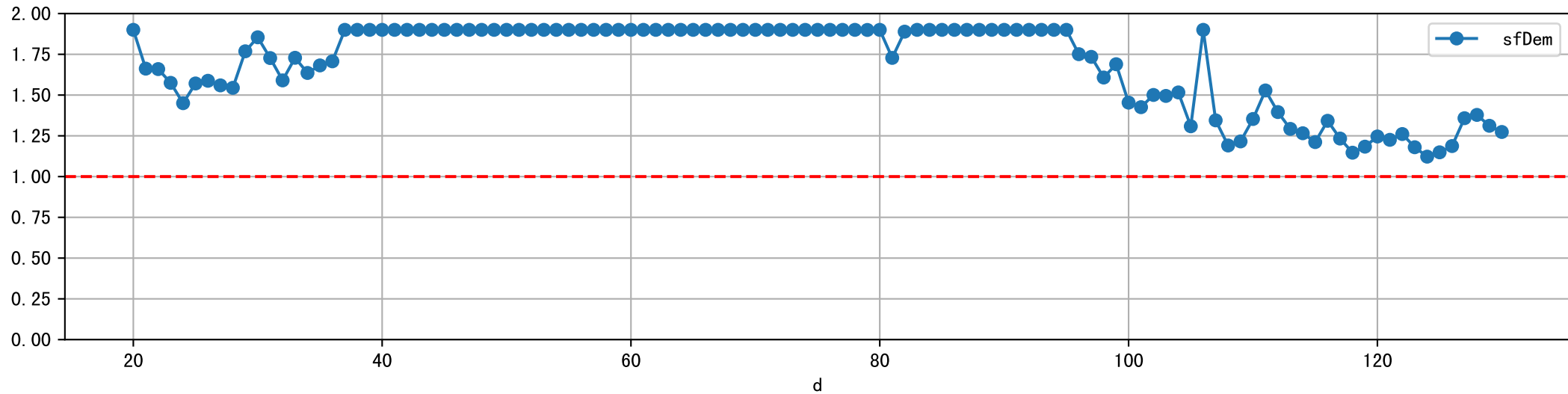
DeltaTypeAbbr=GrpByDay

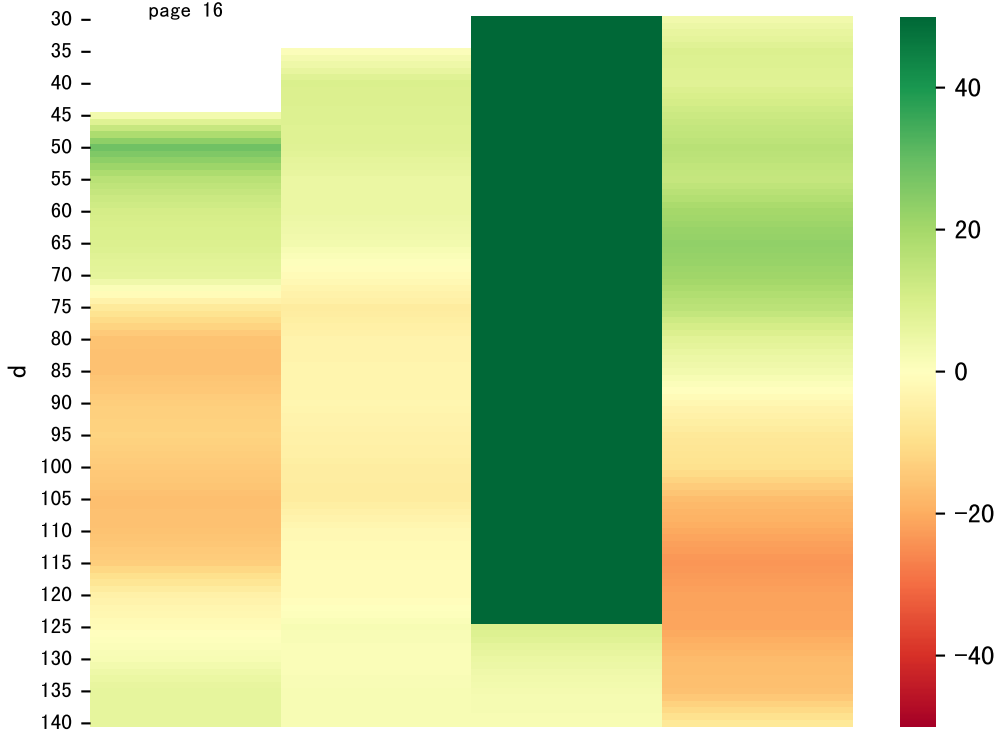


DeltaTypeAbbr=Wei AvgByD

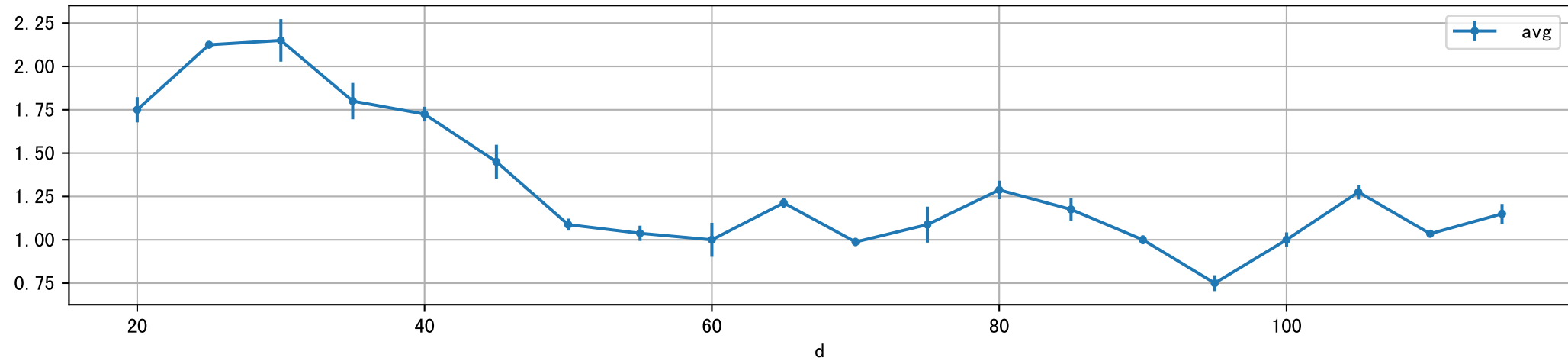


NdD: sfDem

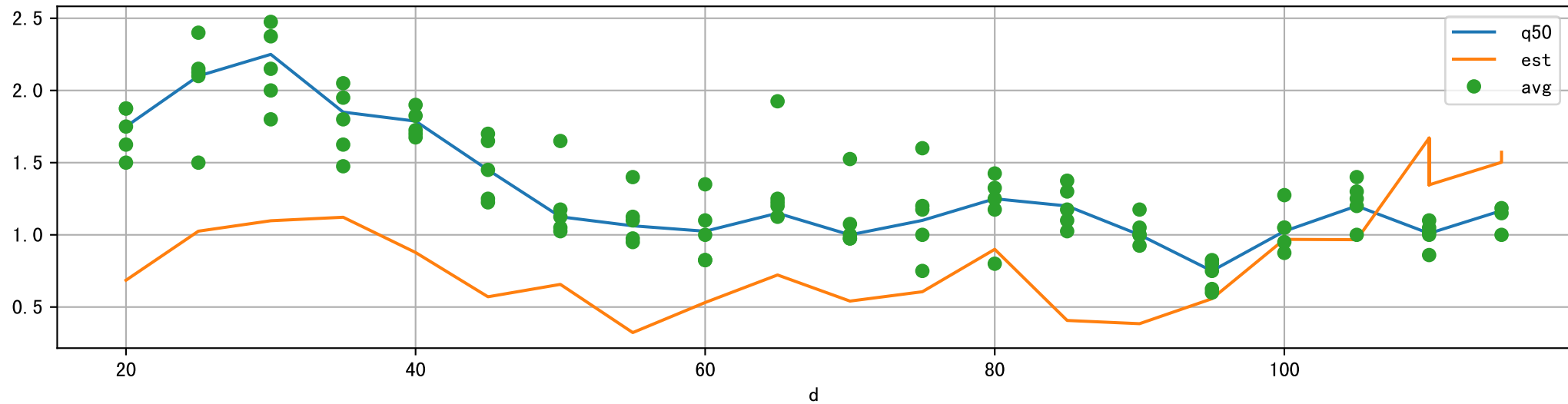




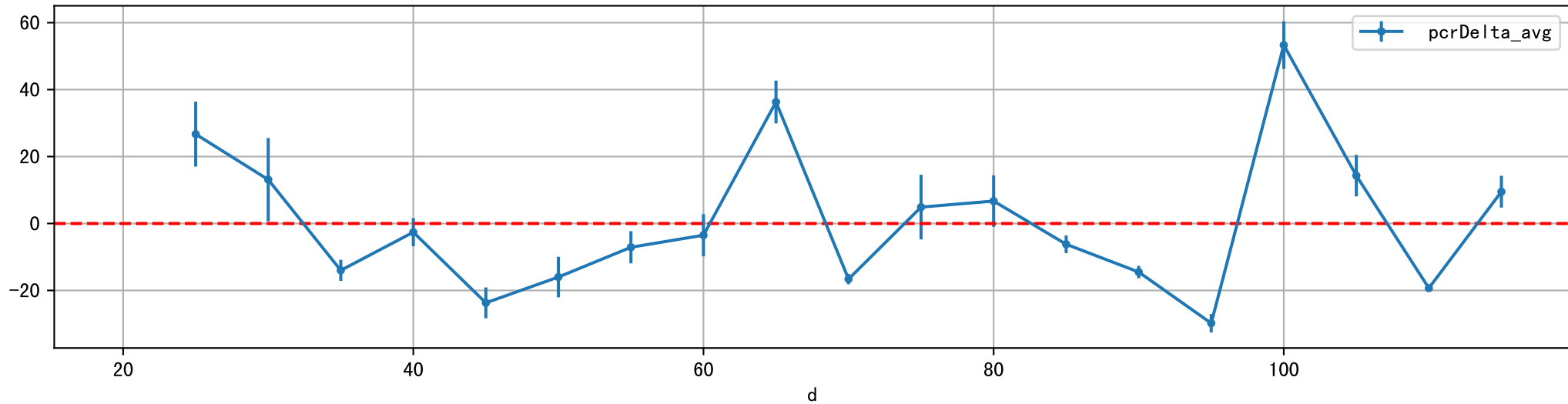
dStH: avg vs. d



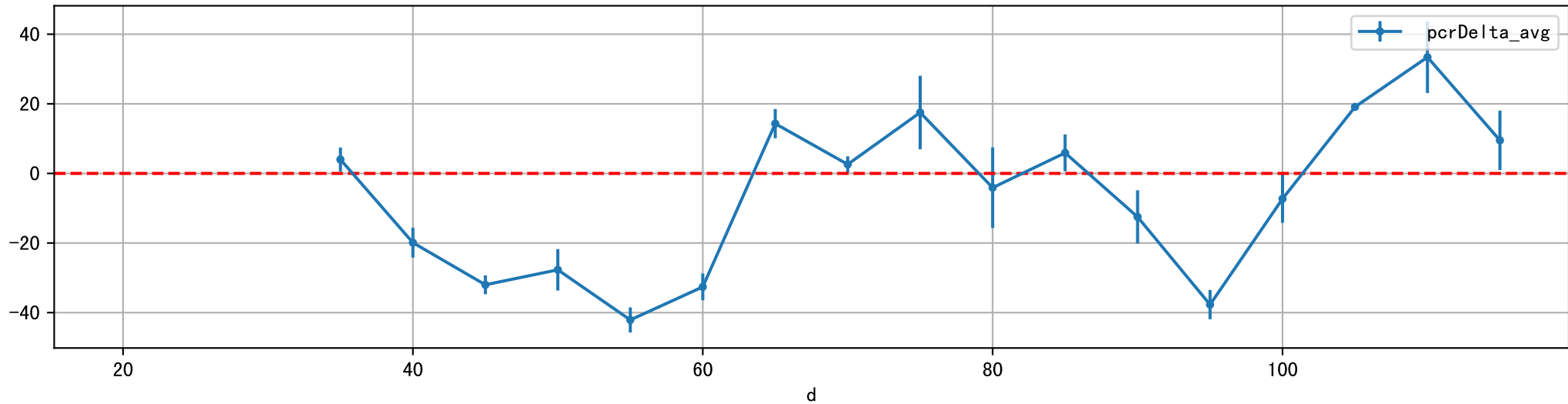
dStH: obsAvg vs obs0v@Q50



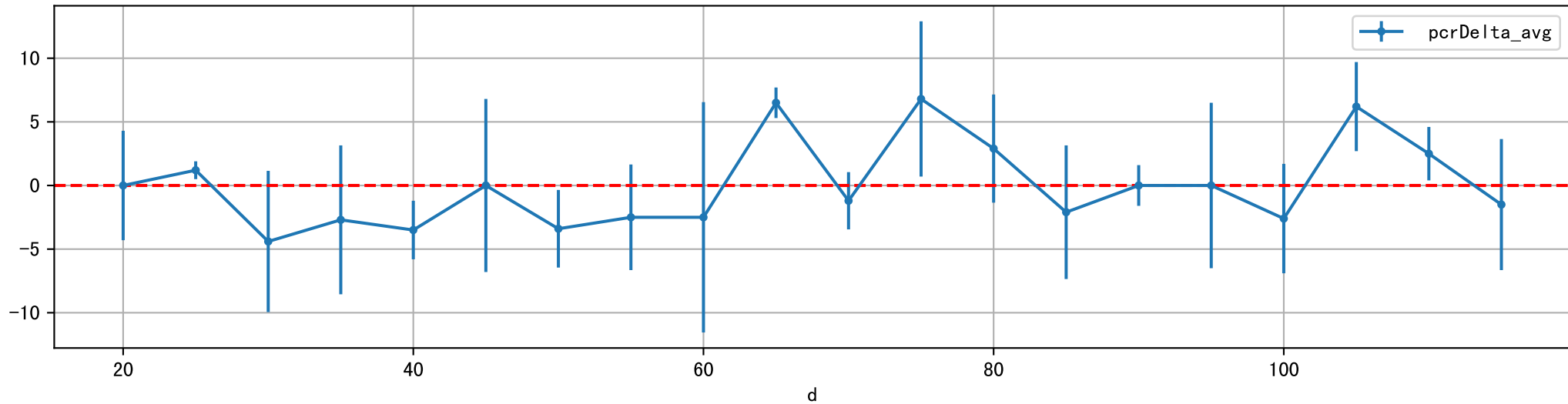
dStH: D_5d_StH



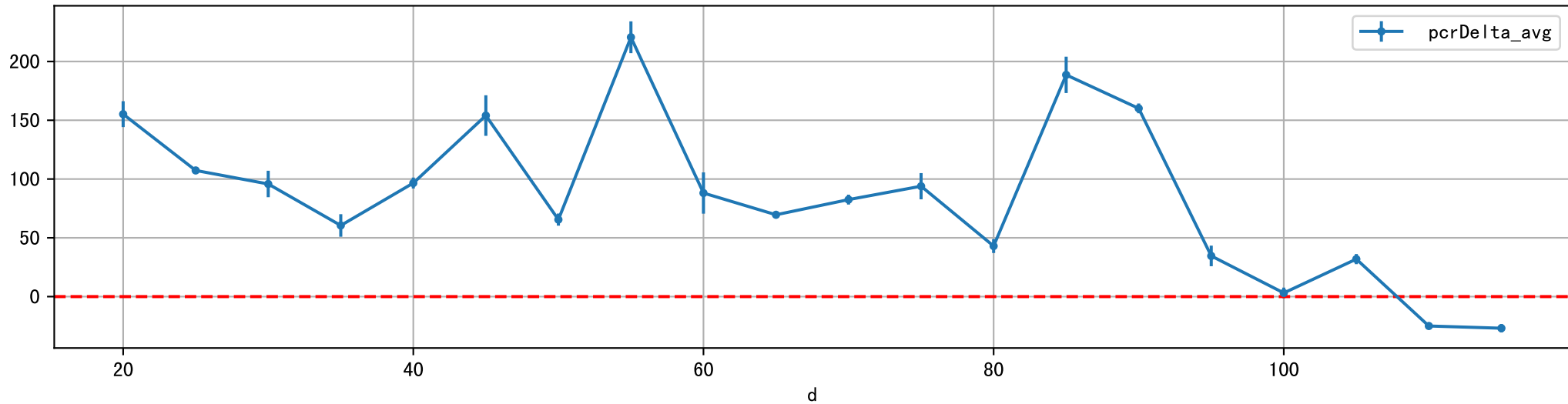
dStH: D_15d_StH



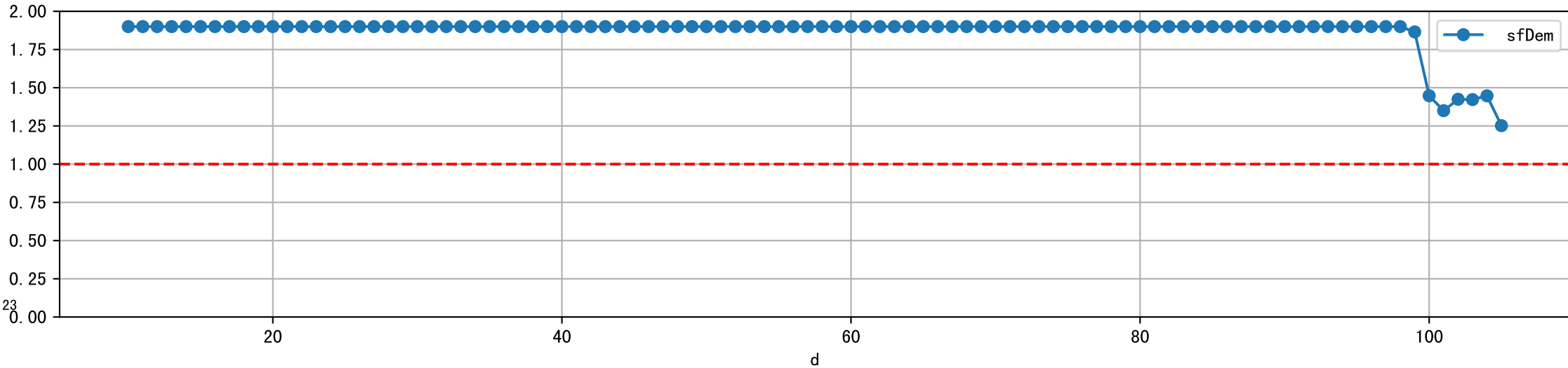
dStH: D_Q50_StH

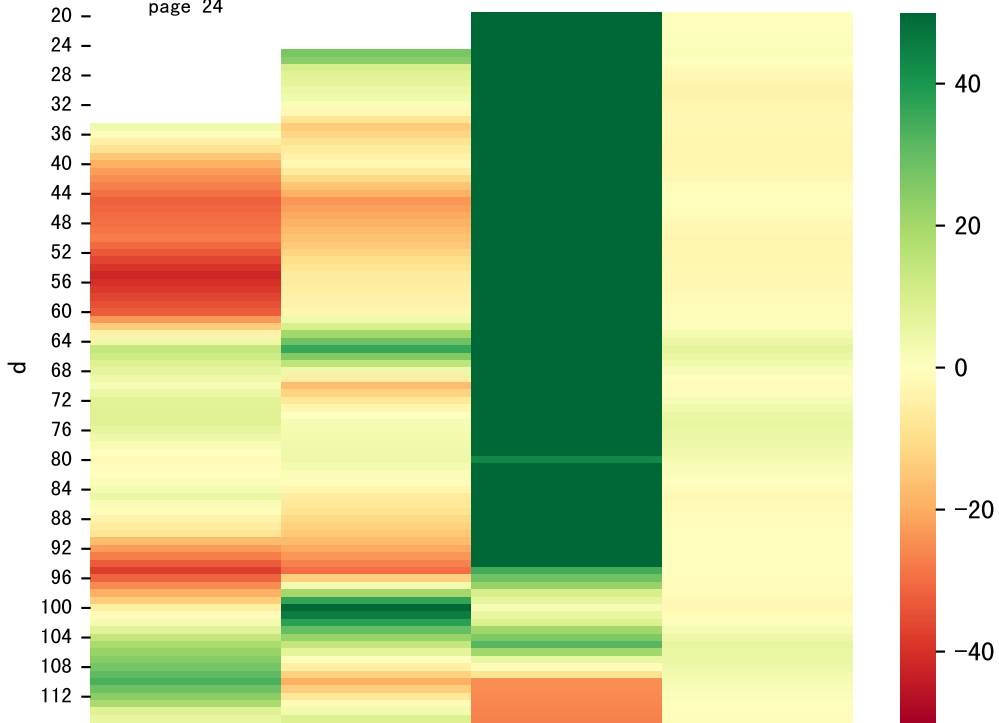


dStH: D_Est_StH



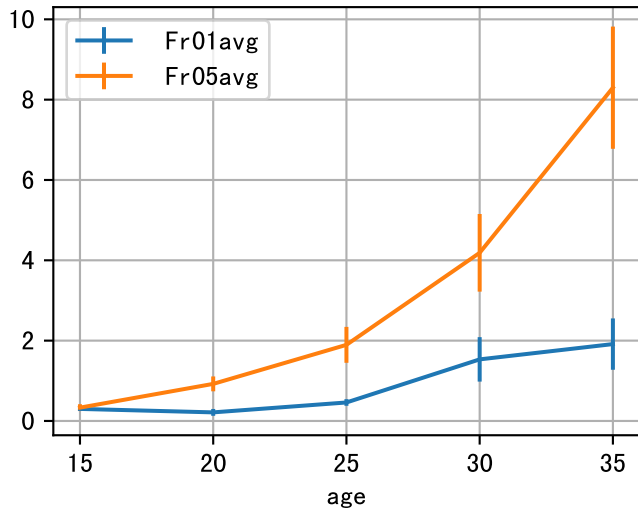
dStH: sfDem



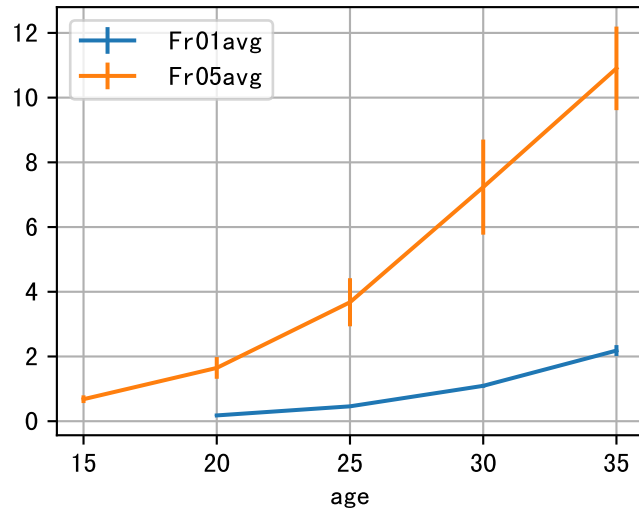


FrV: Fr01 vs Fr05 at each truss

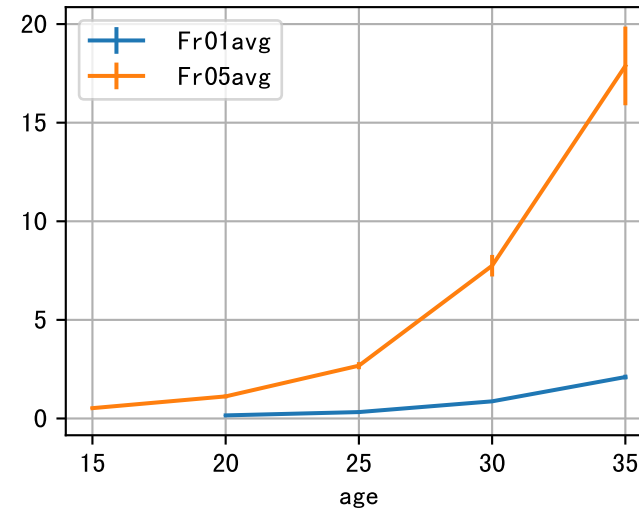
organID=T01



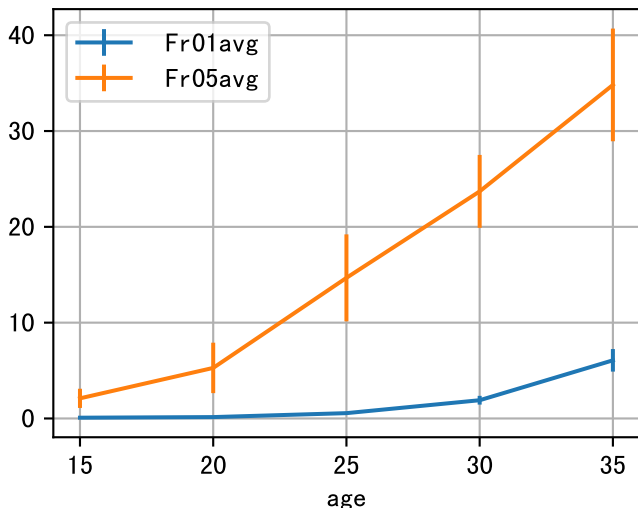
organID=T02



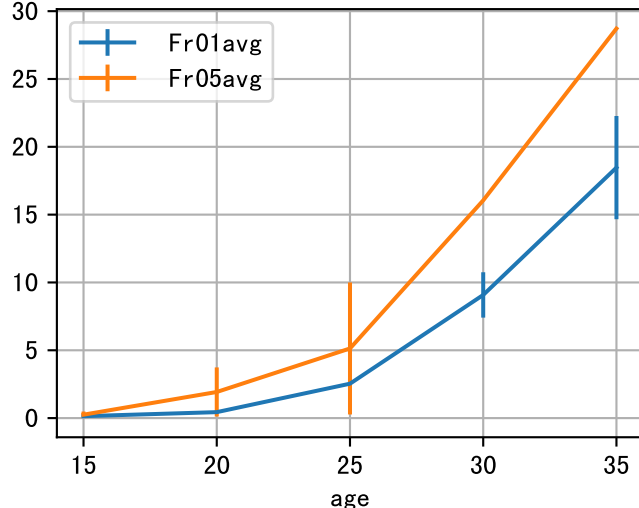
organID=T03



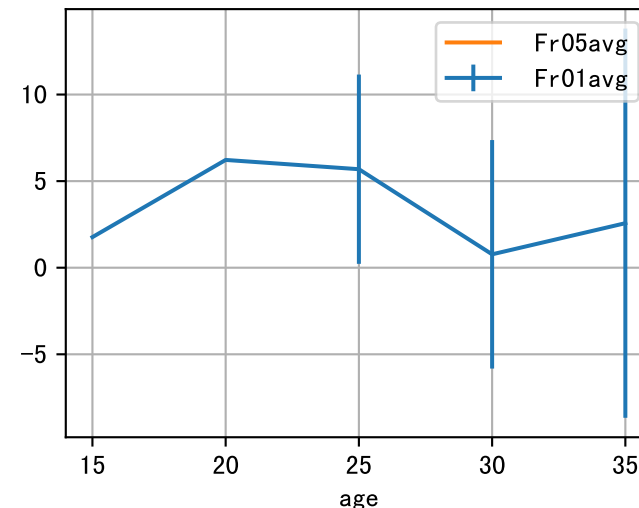
organID=T04



organID=T05

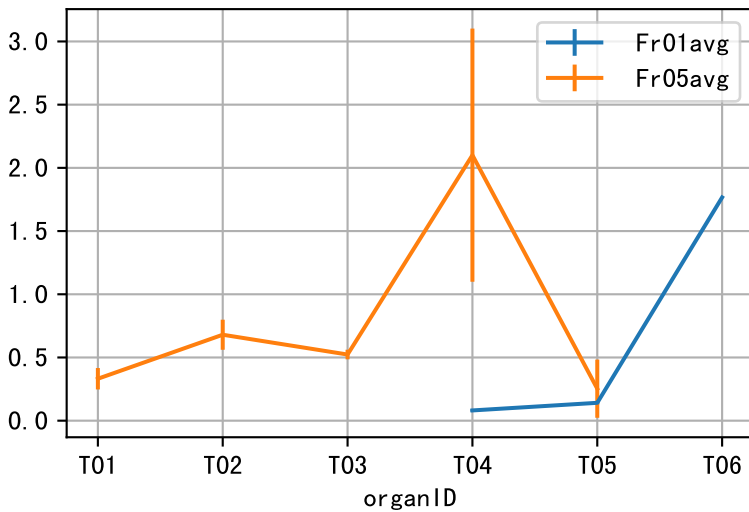


organID=T06

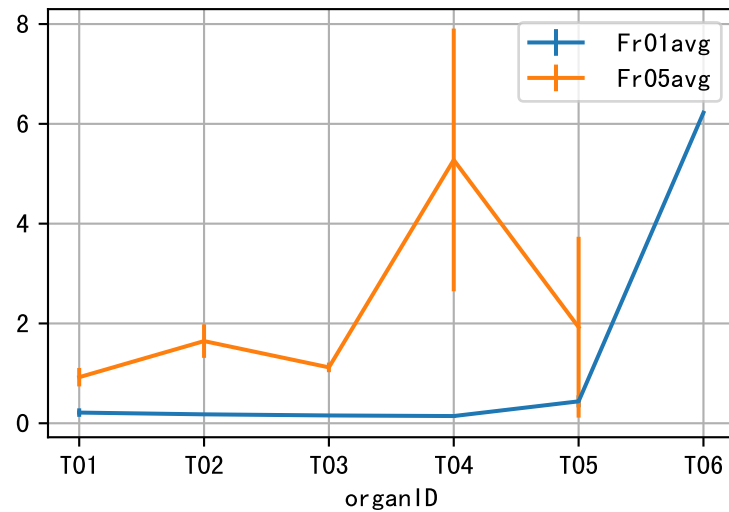


FrV trend at each age

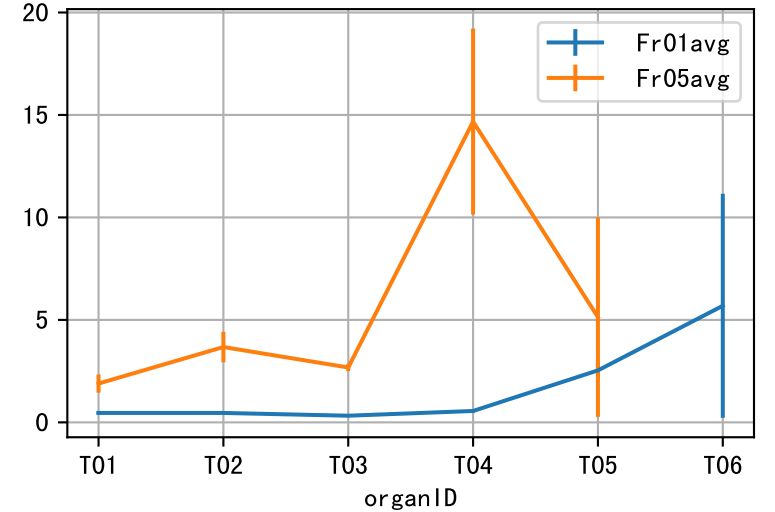
age=15



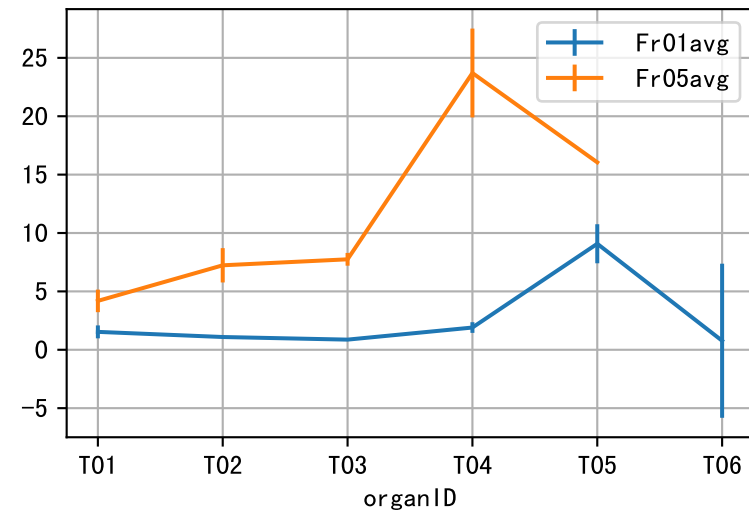
age=20



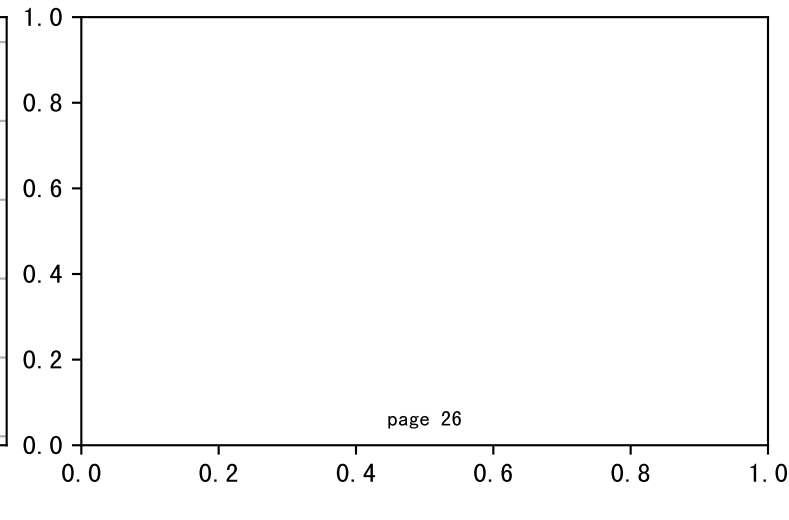
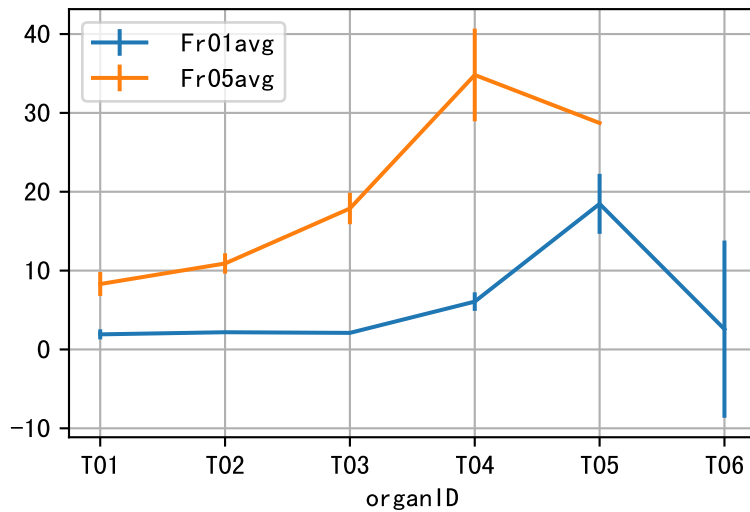
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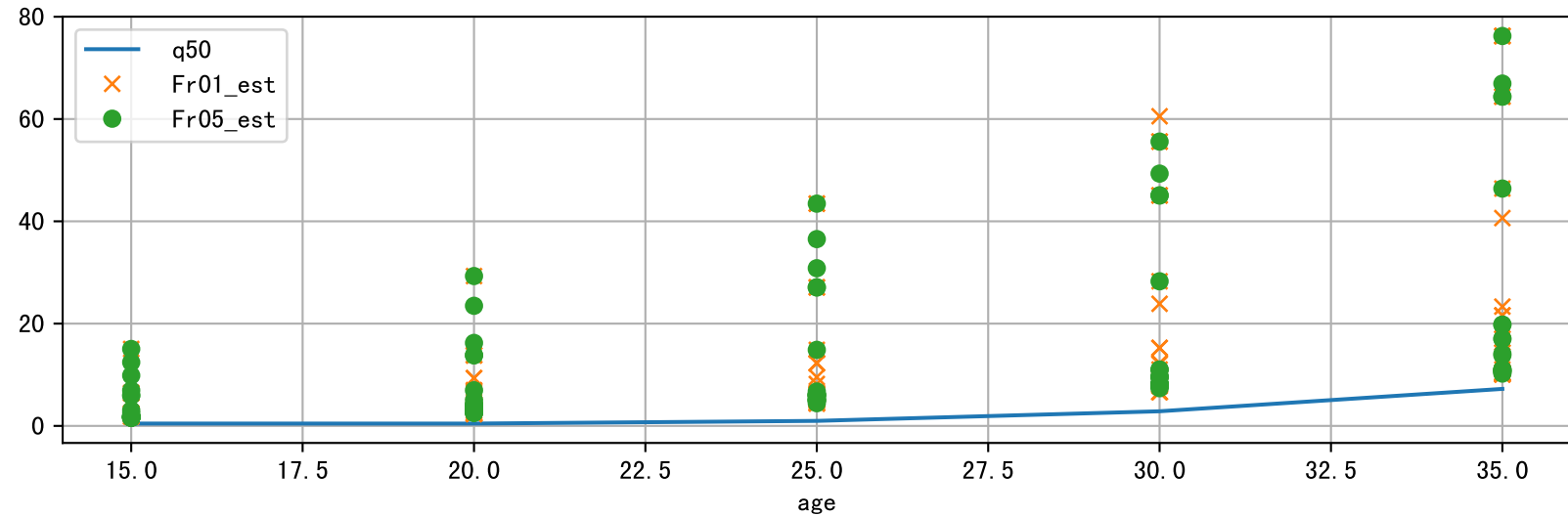
age=30



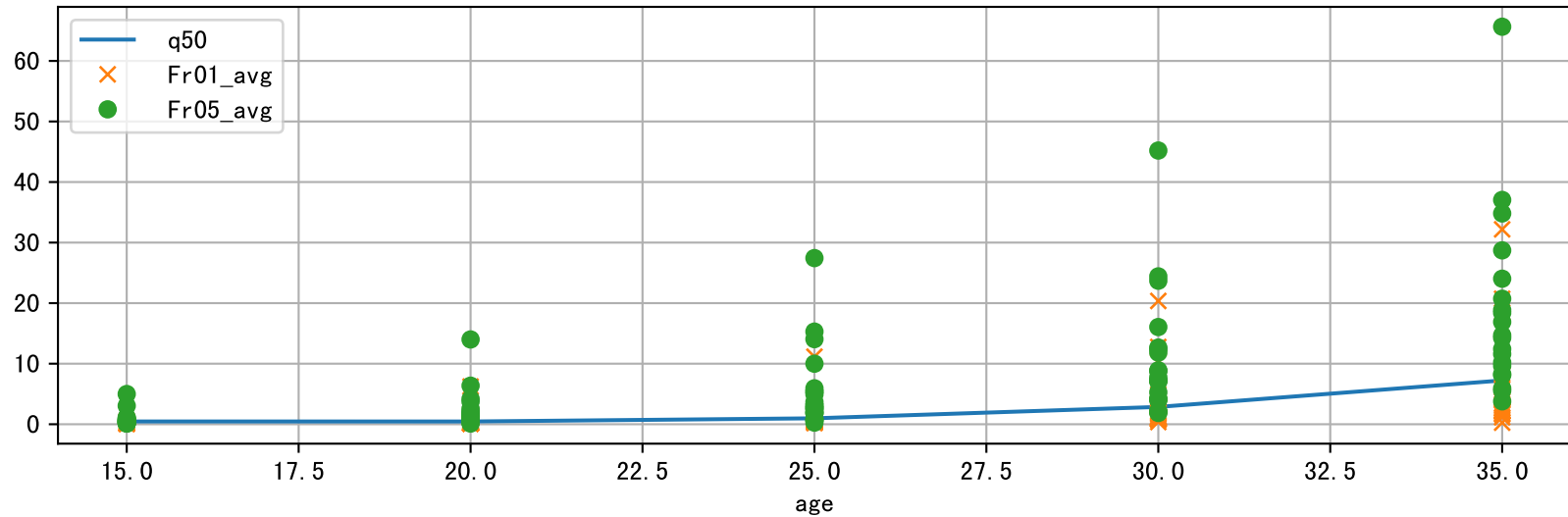
age=35



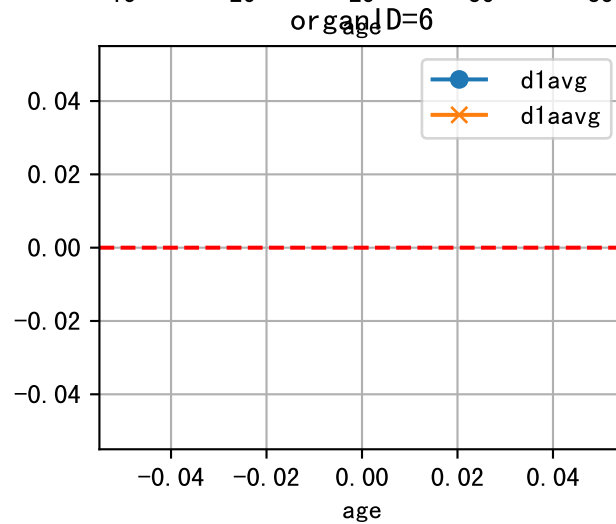
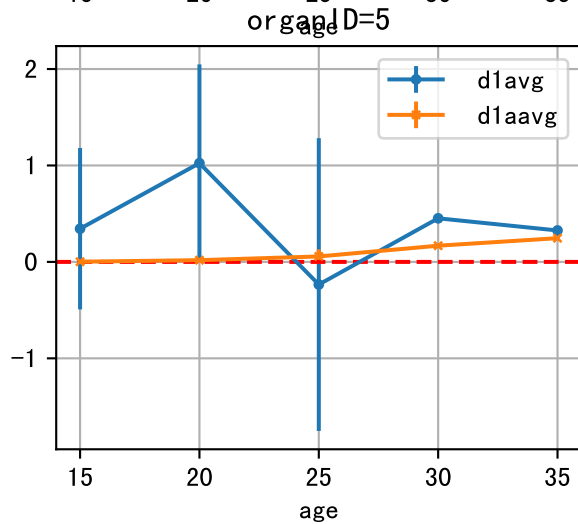
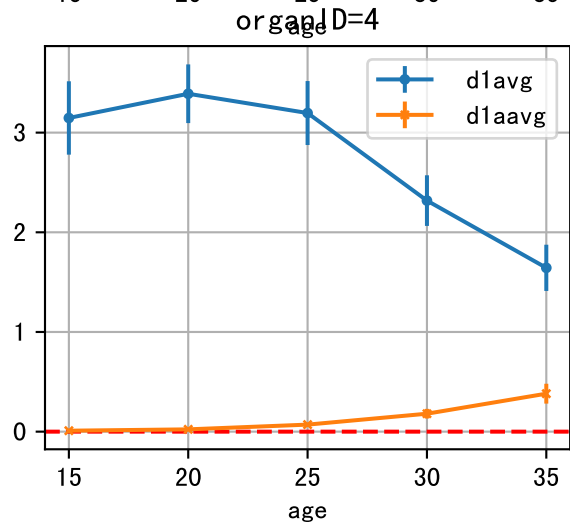
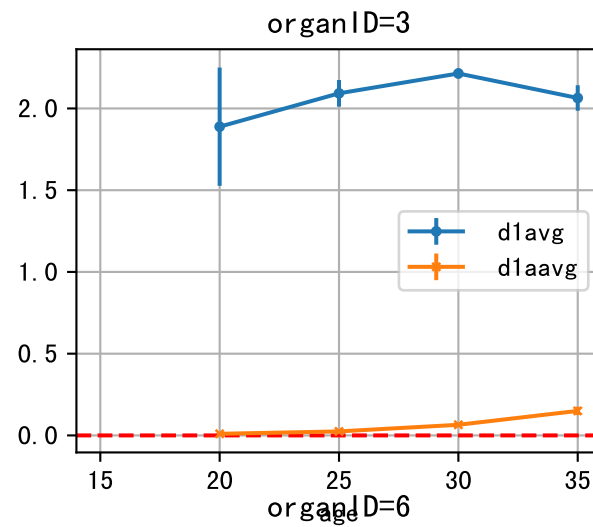
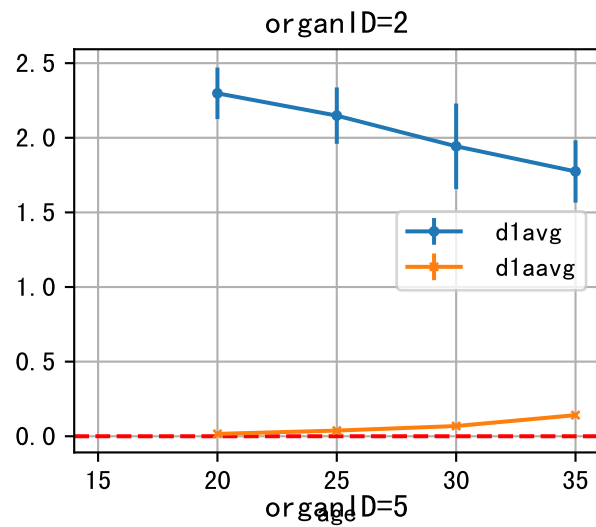
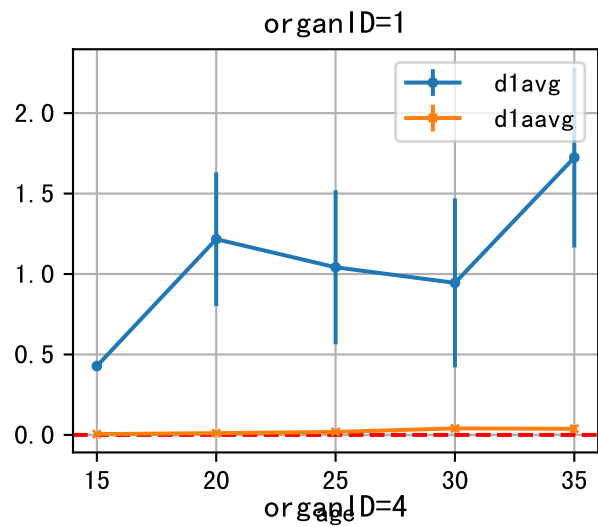
FrV: model Est vs obsFrV at Q90



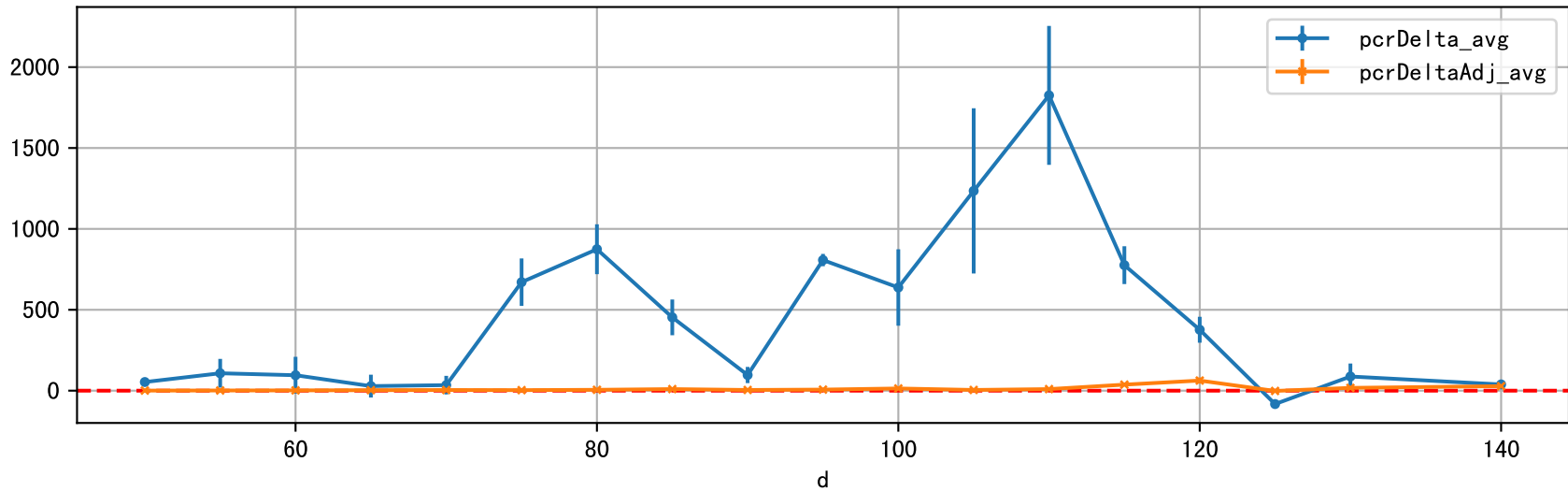
FrV: obsFrV vs obsFrV@Q90



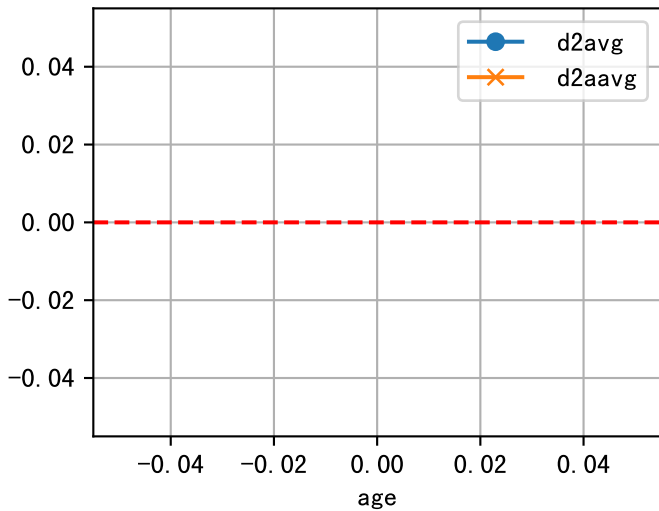
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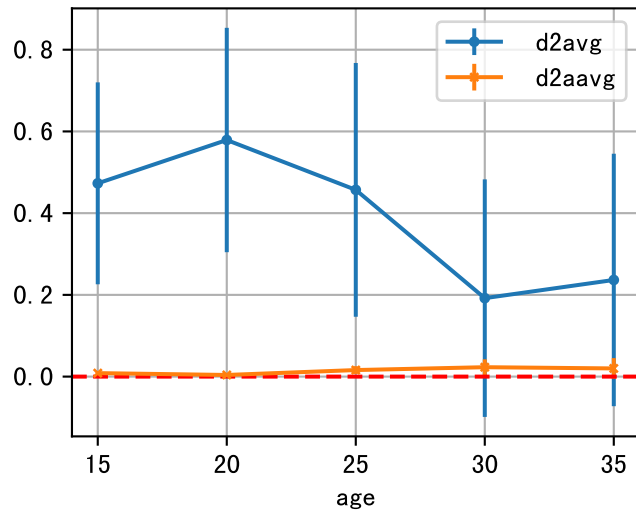
P10AW FrV: D_Fr1_FrV



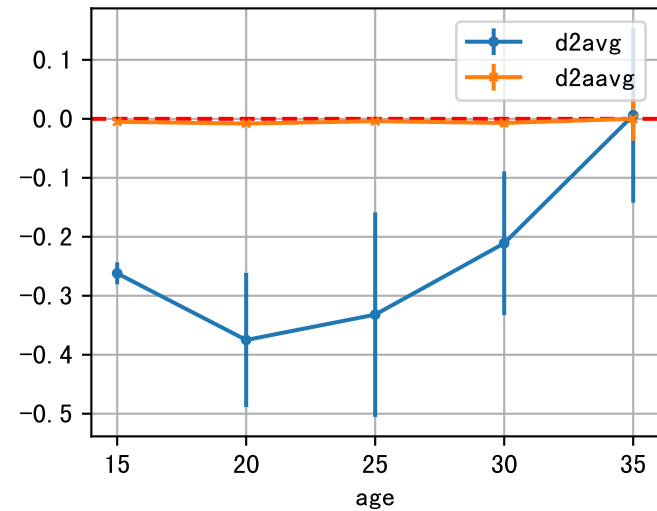
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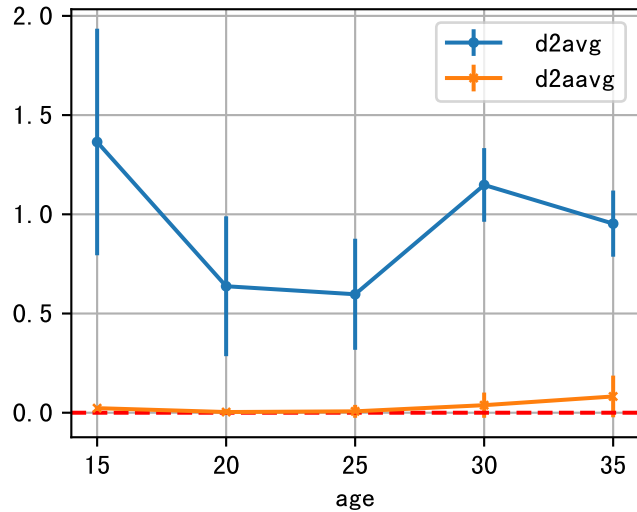
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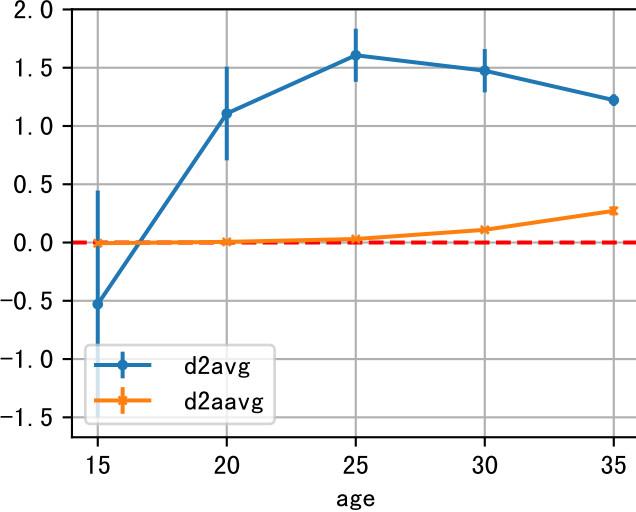
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organID=4

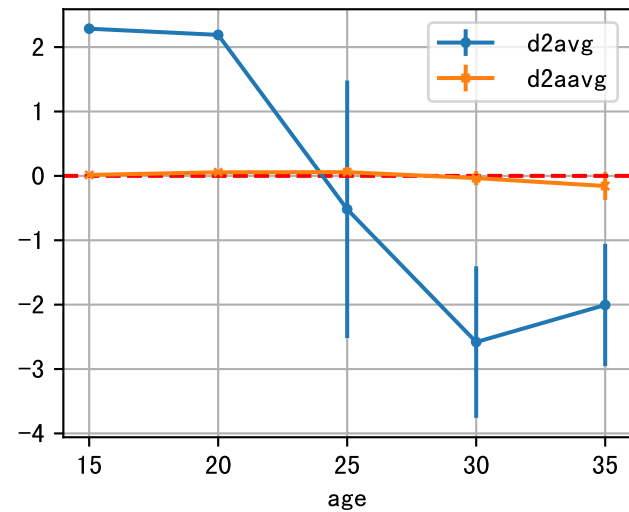


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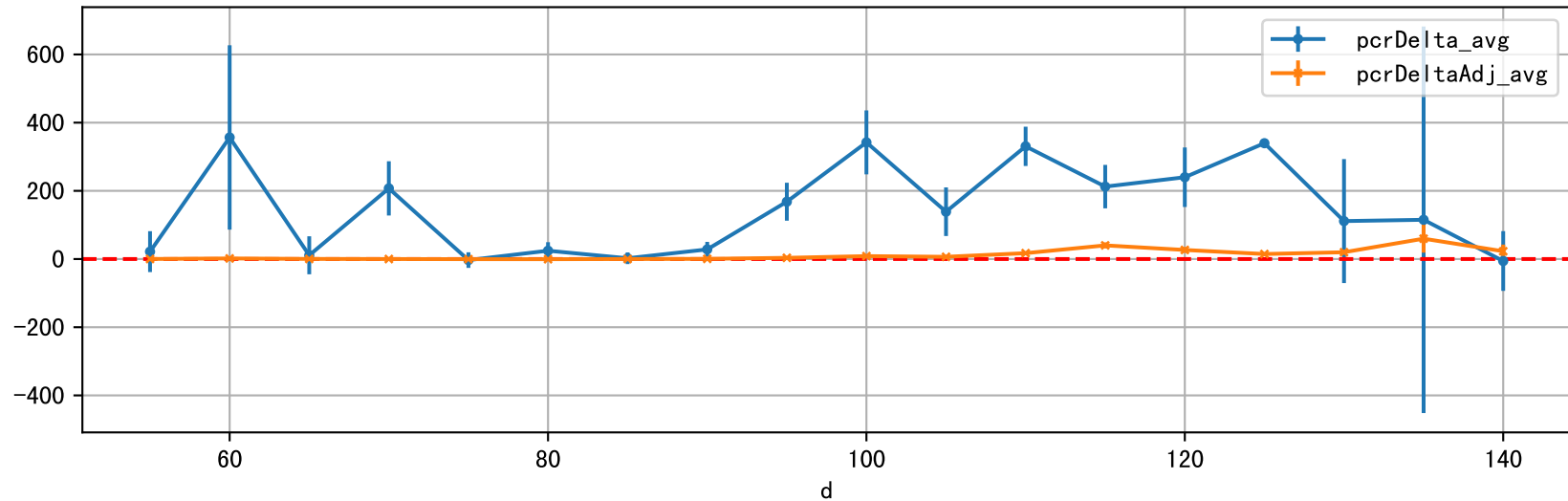


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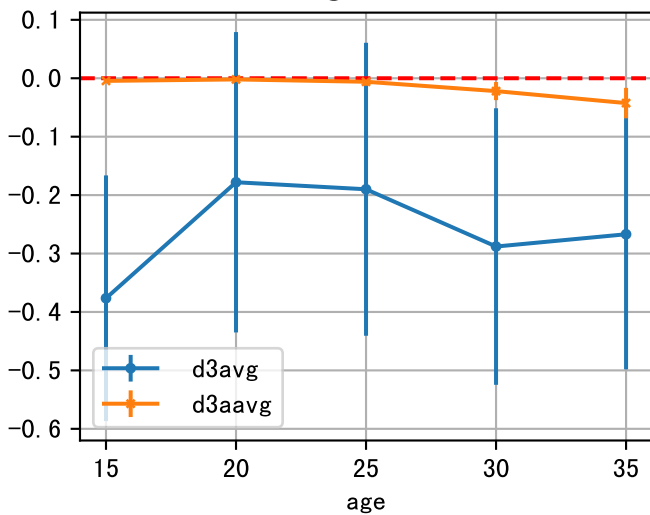
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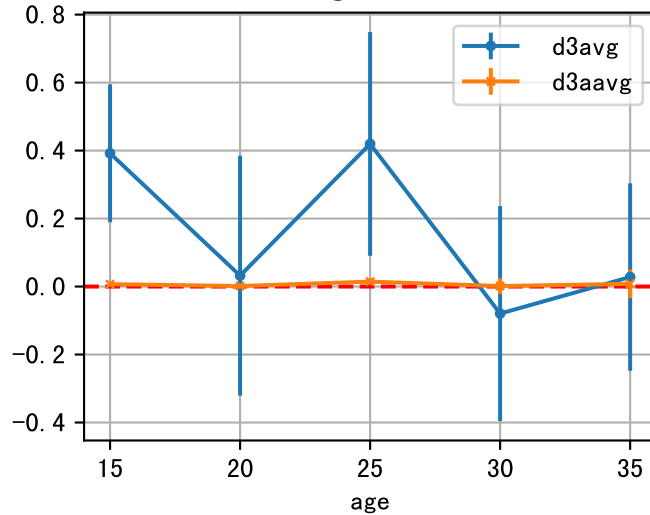
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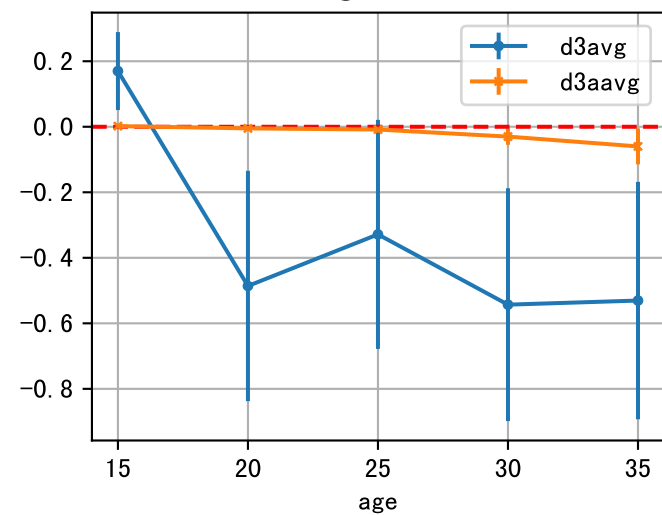
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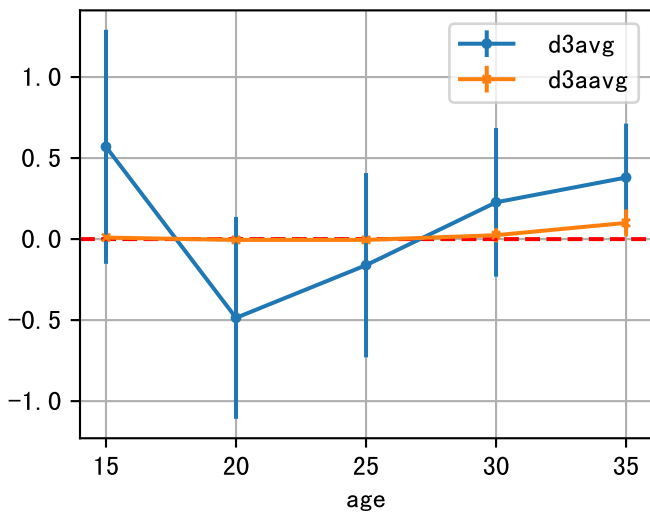
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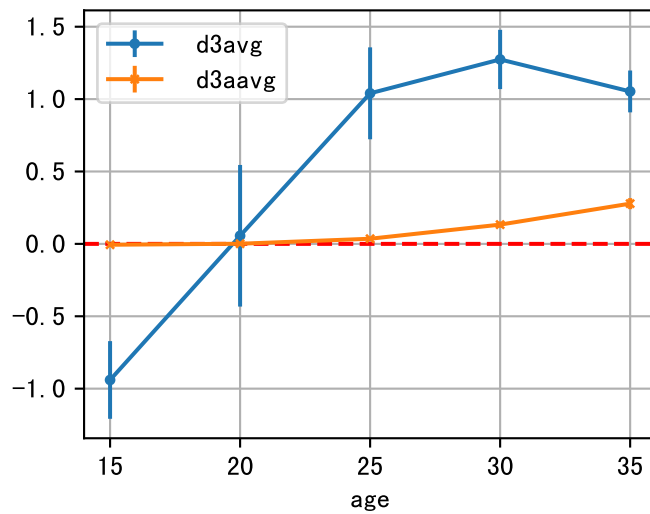
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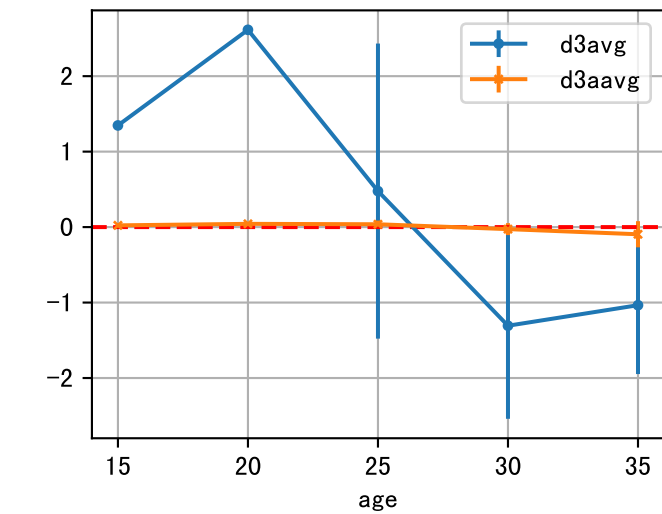


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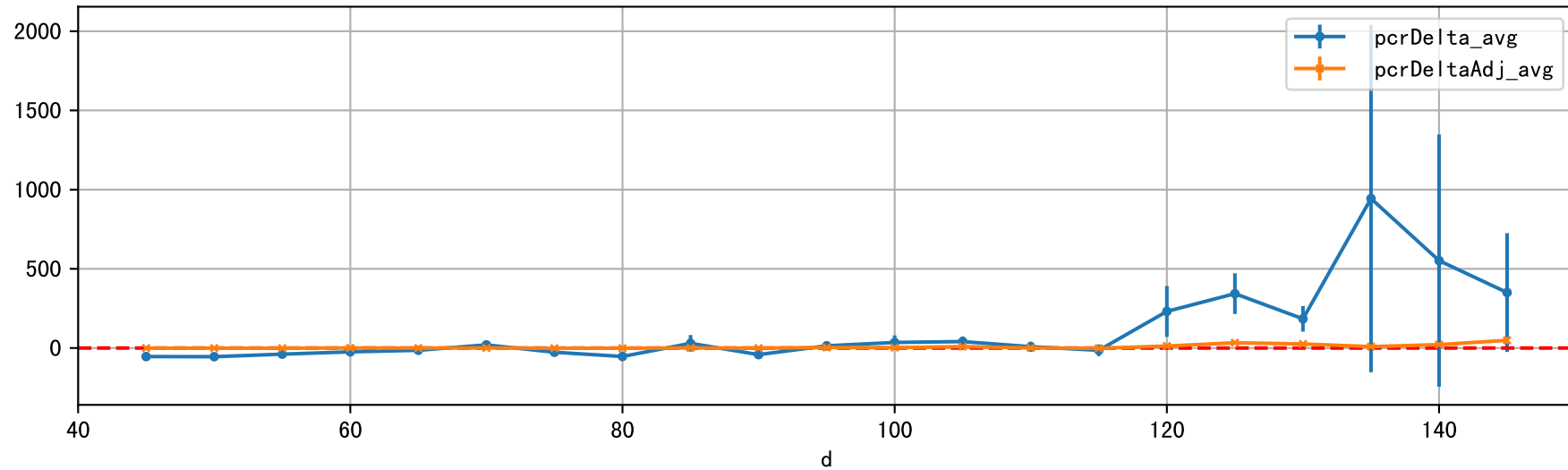


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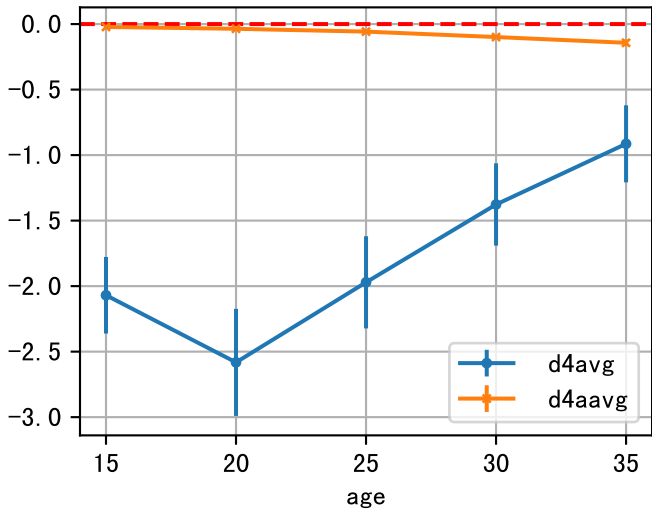
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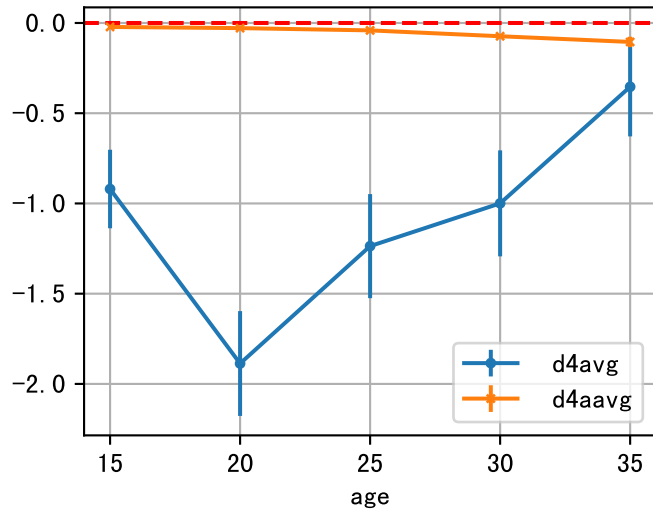
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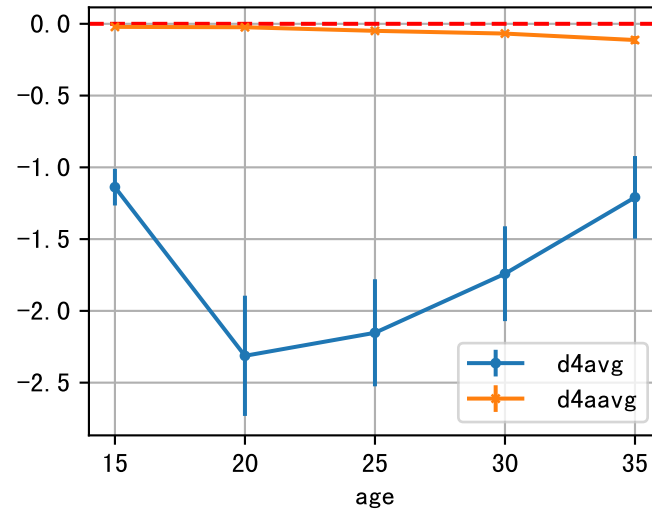
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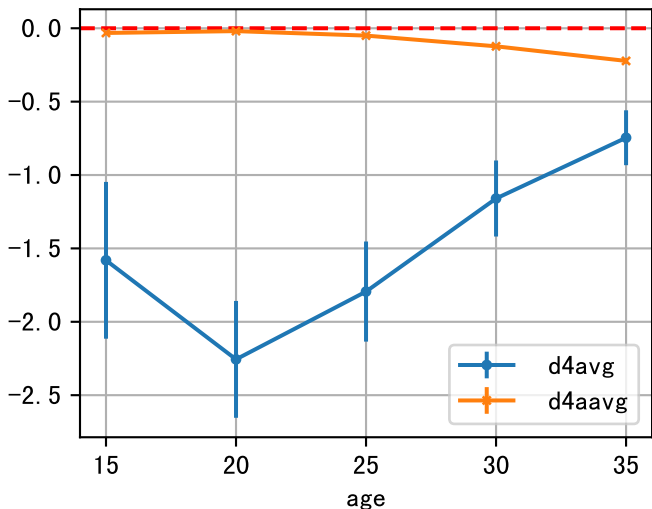
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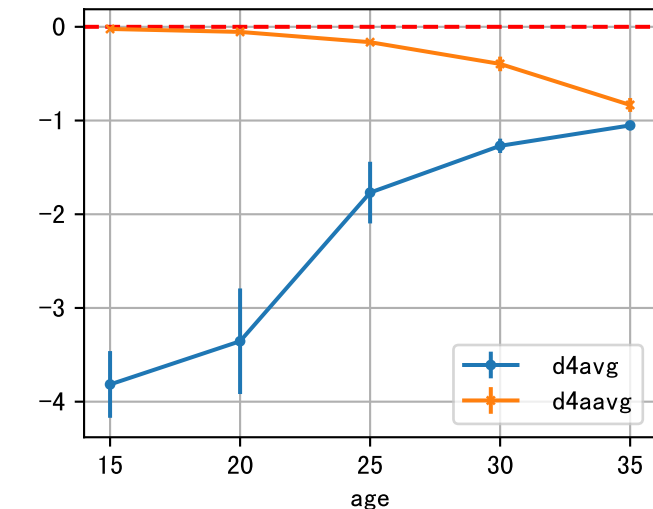
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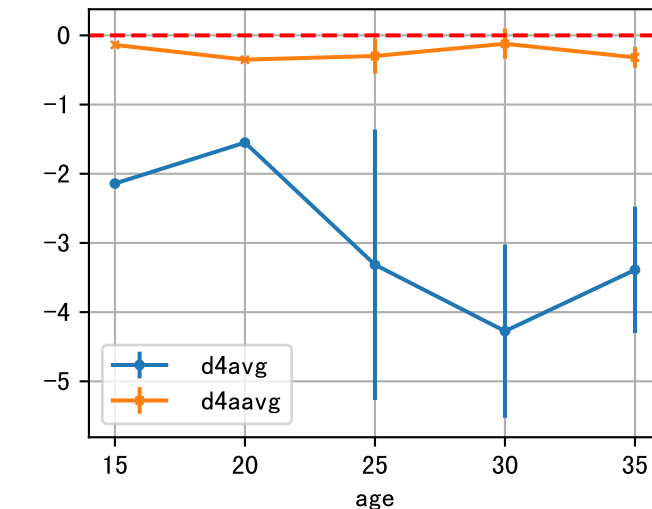


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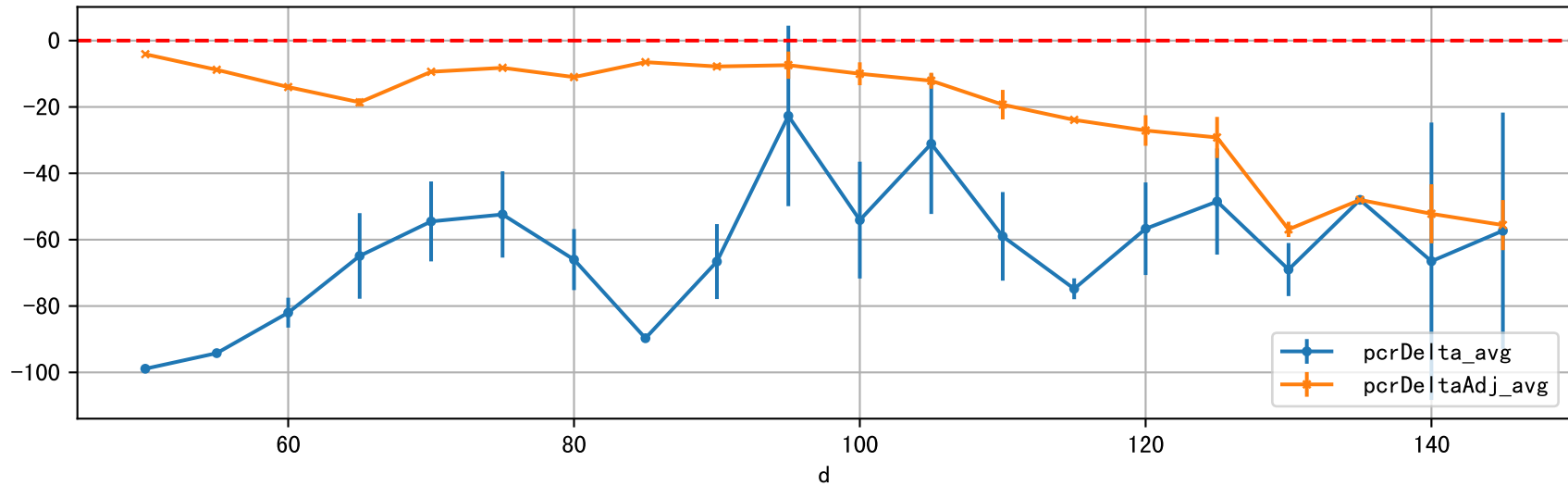


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organID=6



P10AW FrV: D_Est_FrV



P10AW FrV: sfDem

