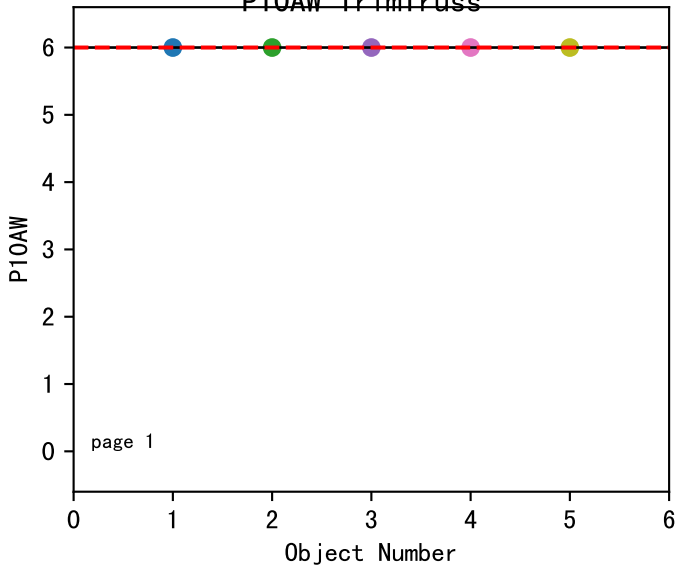


Phenotype Data Analysis Plots
PhenoData day range = 10 – 62
Analysis cutoff day = 62
NC11 P10
2025-06-02 (Day 63)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

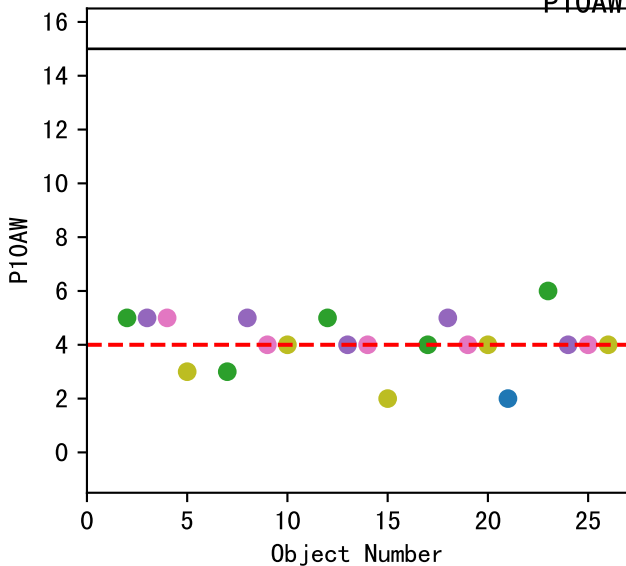
P10AW TrimTruss



FruitNumAvgPerTruss (Def=15 Set=4)

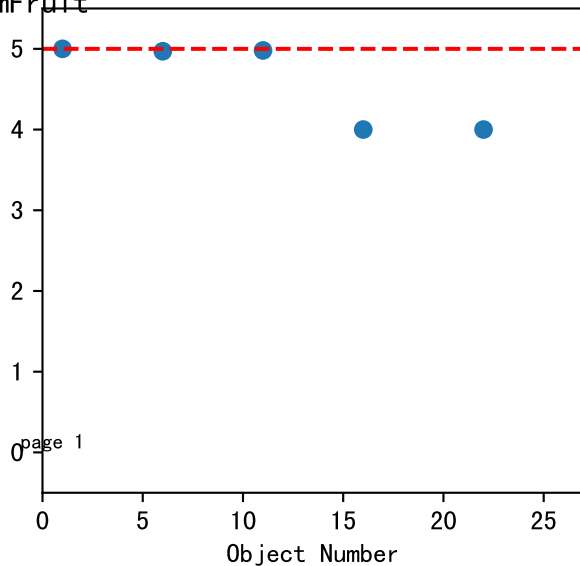
avg1=4.0~19% avg2=na

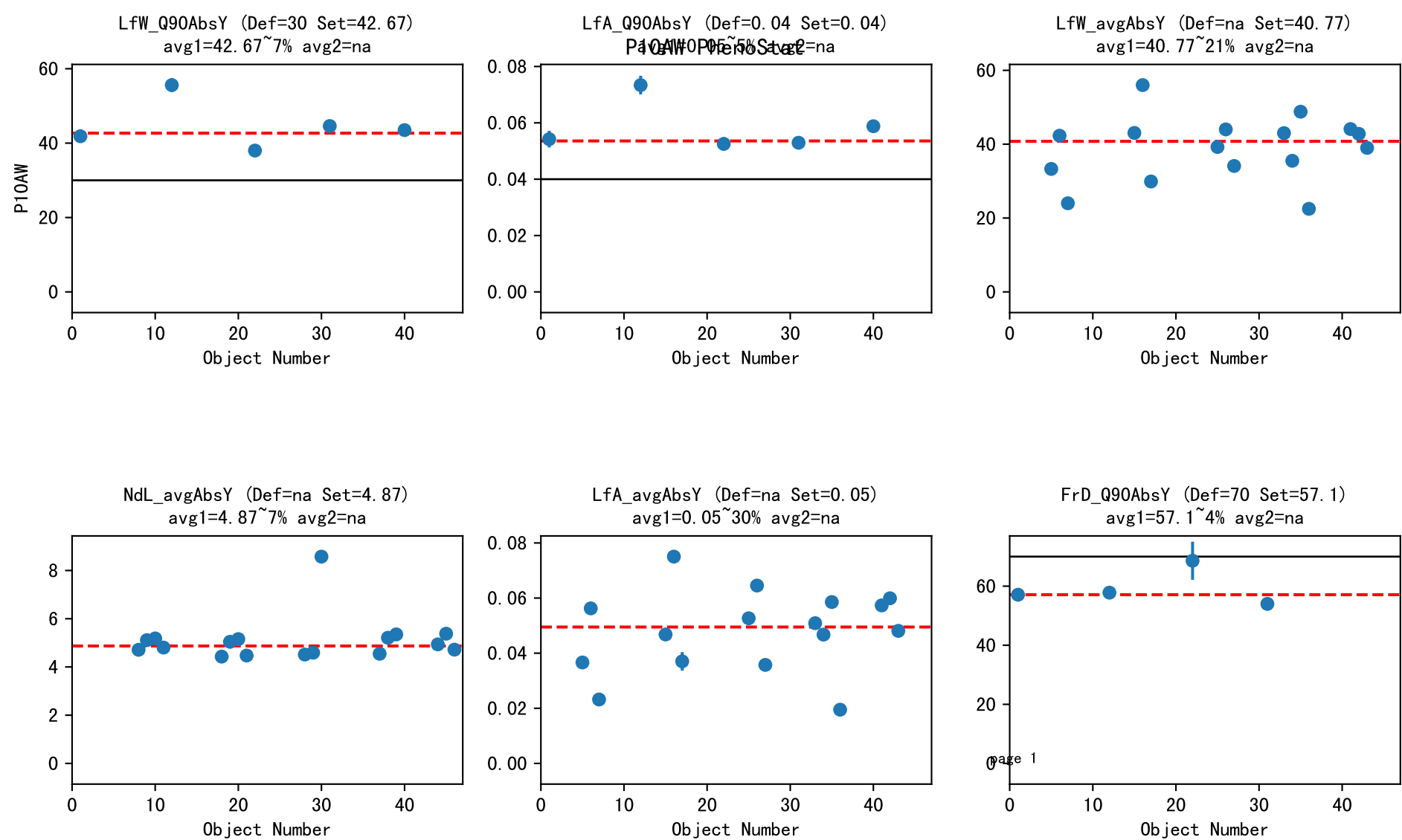
P10AW TrimFruit



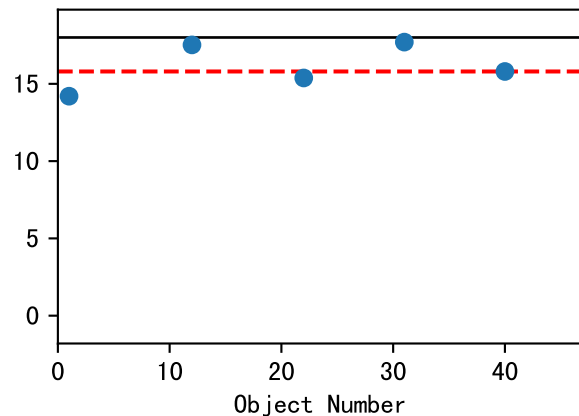
FruitNumMaxPerTruss (Def=na Set=5)

avg1=5.0~11% avg2=na

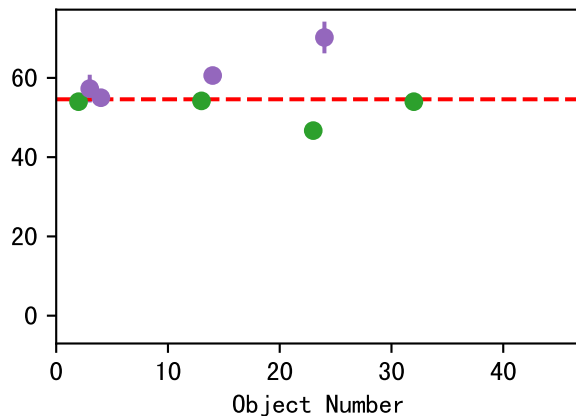




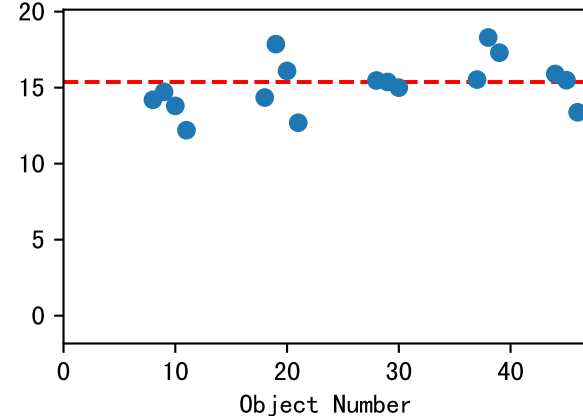
NdD_Q90AbsY (Def=18 Set=15.8)
avg1=15.8~9% avg2=na



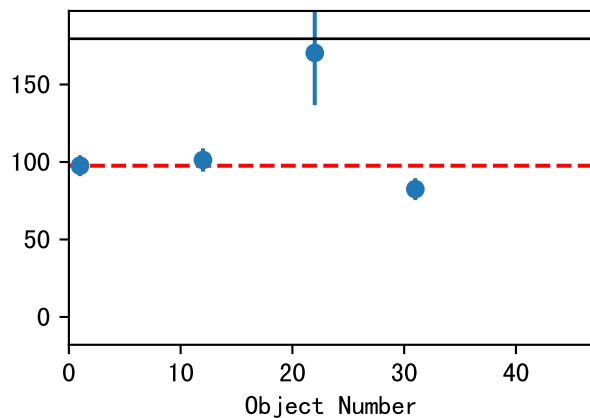
FrD_avgAbsY (Def=na Set=54.6)
avg1=54.6~5% avg2=na



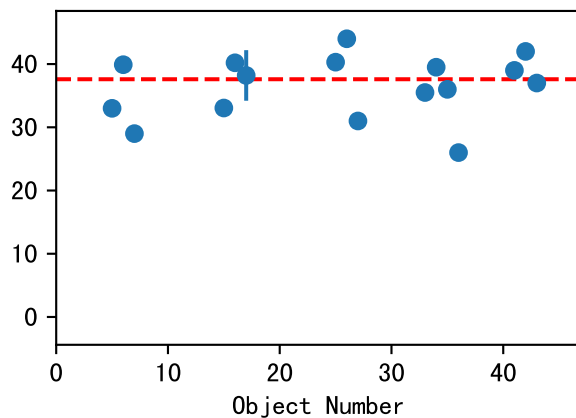
NdD_avgAbsY (Def=na Set=15.37)
avg1=15.37~11% avg2=na



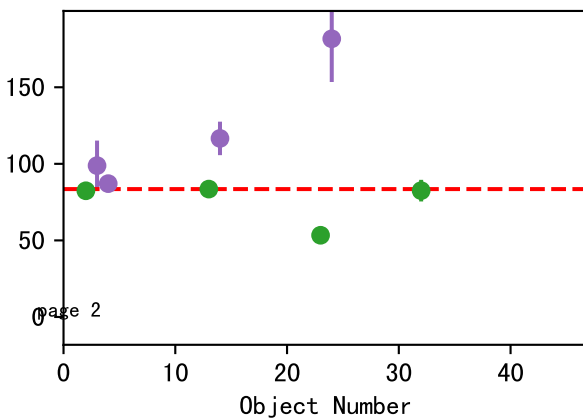
FrV_Q90AbsY (Def=179.5 Set=179.5)
avg1=97.6~10% avg2=na

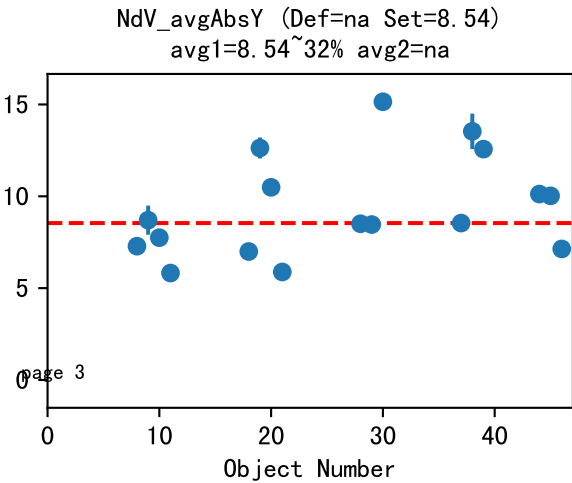
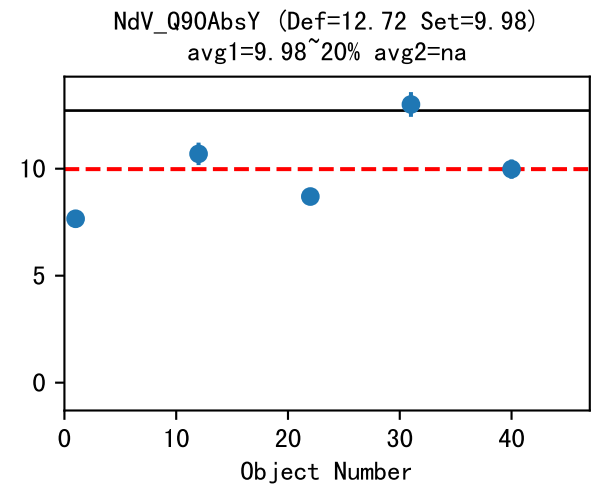
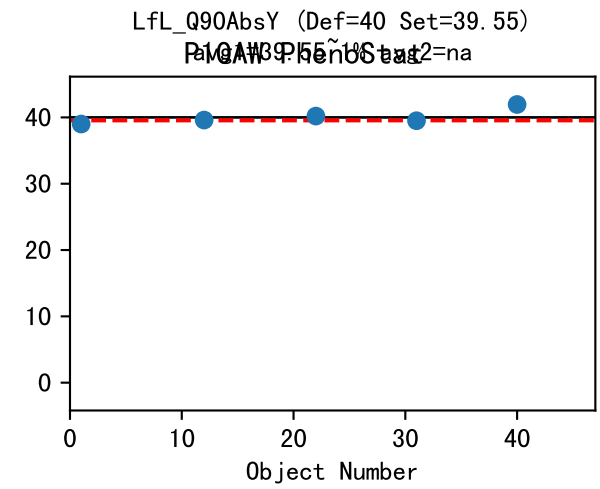
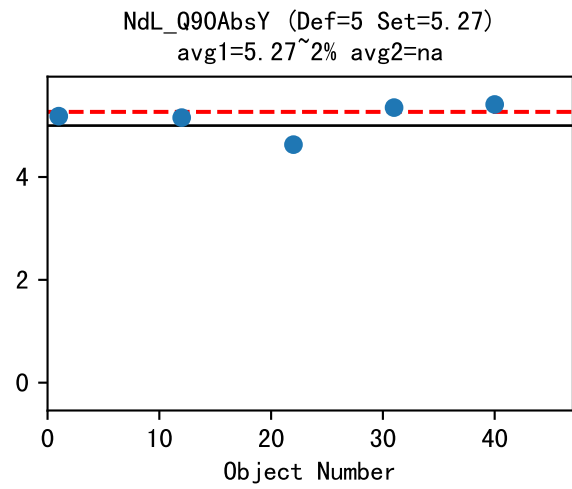


LfL_avgAbsY (Def=na Set=37.6)
avg1=37.6~13% avg2=na

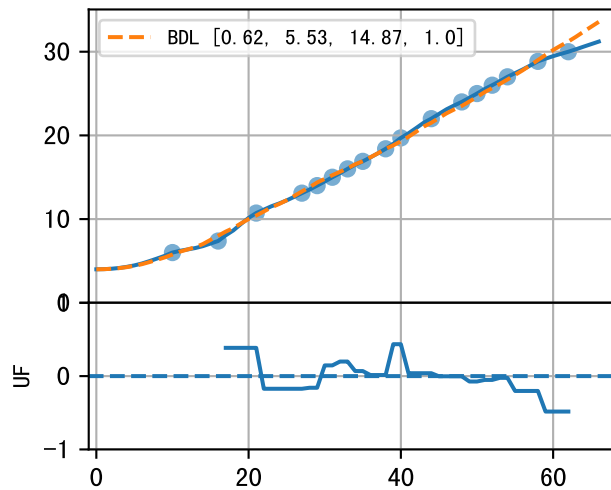


FrV_avgAbsY (Def=na Set=83.51)
avg1=83.51~23% avg2=na

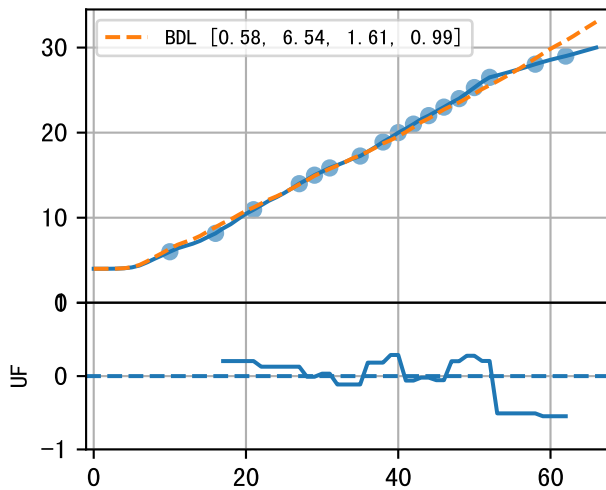




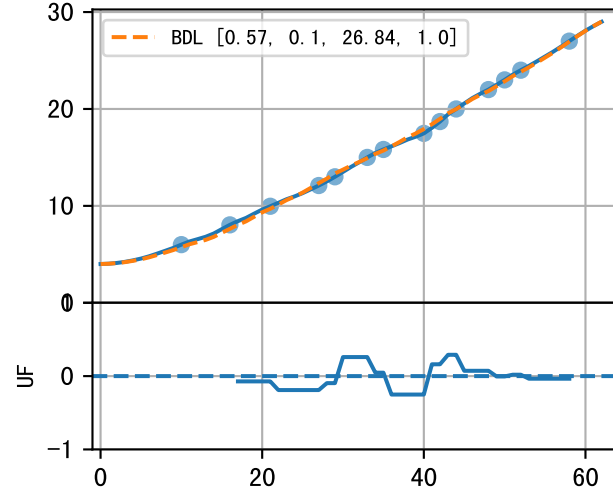
P10AW-003-11 (fit failed)



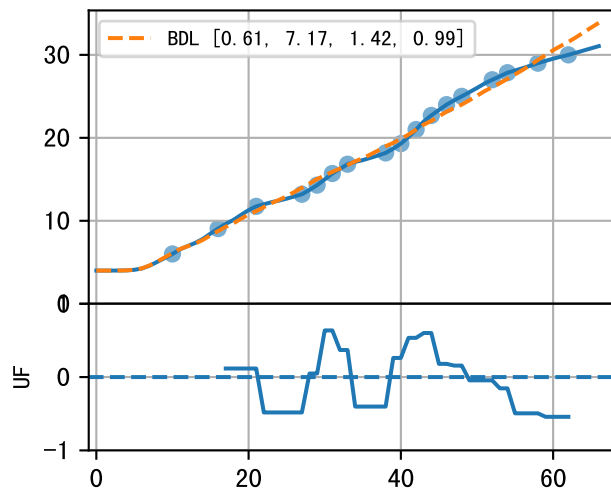
P10AW-016-21 (fit failed)



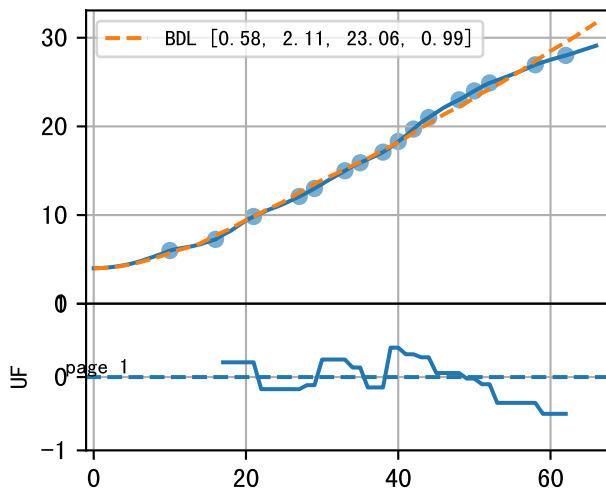
P10AW-029-30 (fit failed)



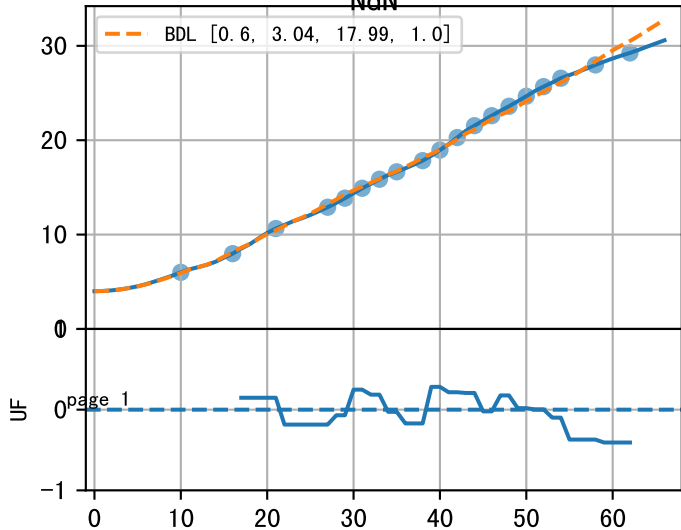
P10AW-041-24 (fit failed)



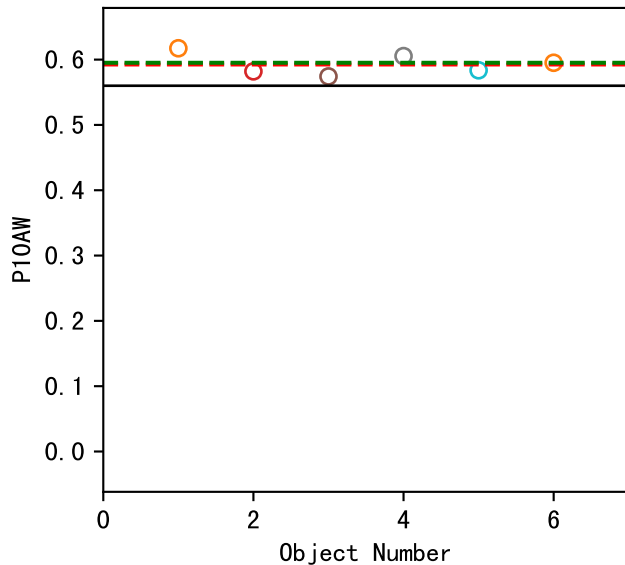
P10AW-054-10 (fit failed)



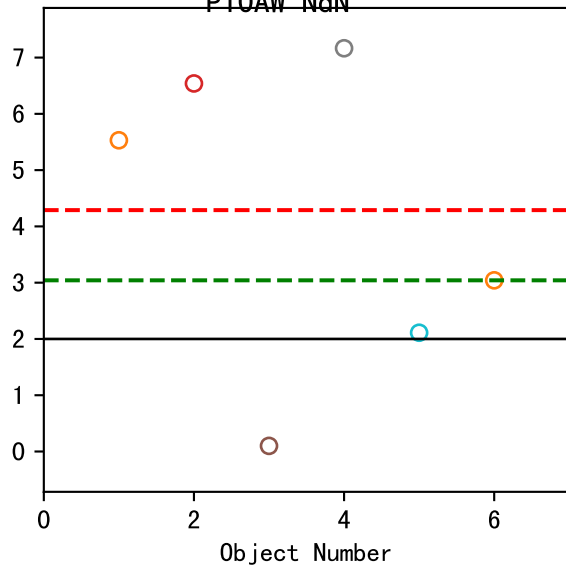
P10AWavg (fit failed)



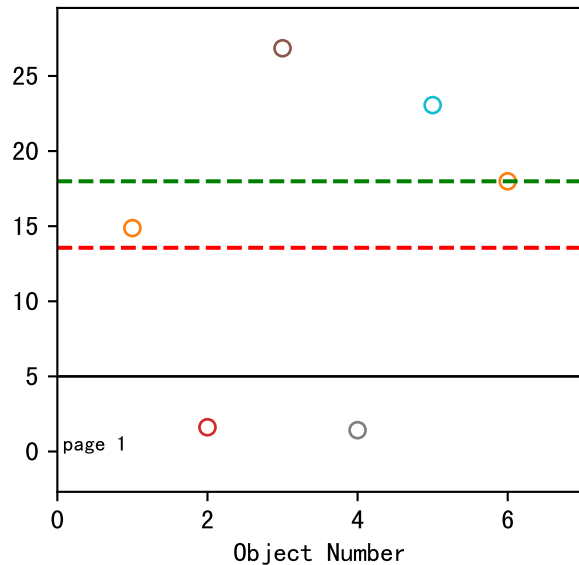
a (Def=0.56 Set=0.6)
avg1=0.59(fail) avg2=0.6



dm (Def=2 Set=3.04)
avg1=4.29(fail) avg2=3.04



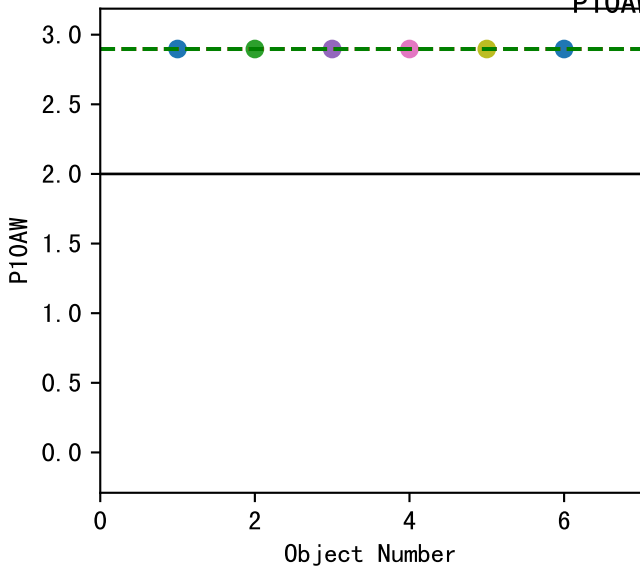
de (Def=5 Set=17.99)
avg1=13.56(fail) avg2=17.99



InitDev_dm (Def=2 Set=2.9)

avg1=2.9~0% avg2=2.9

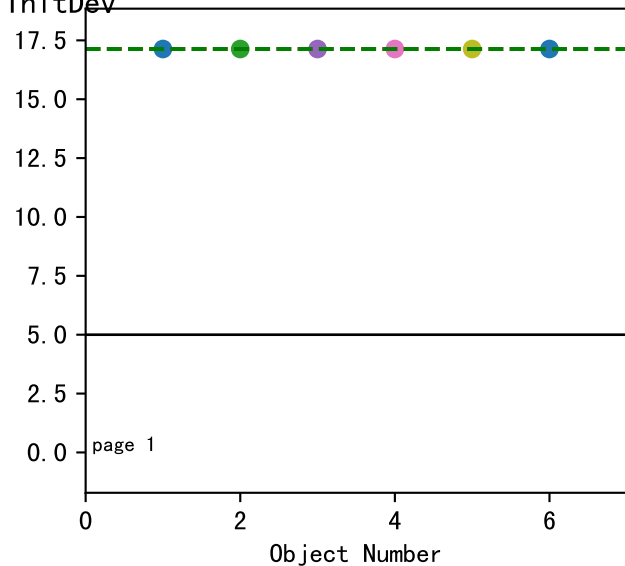
P10AW



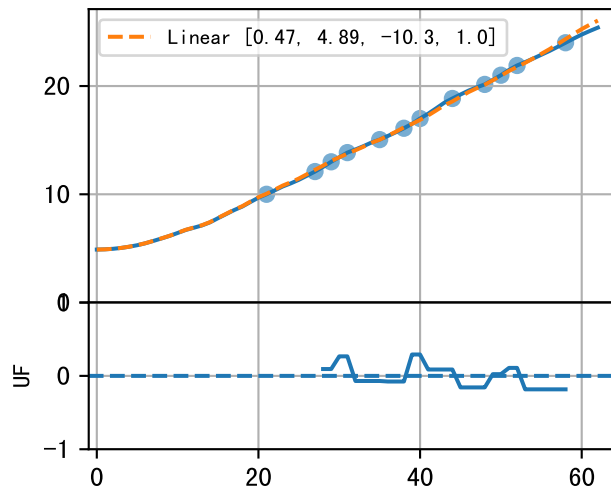
InitDev_de (Def=5 Set=17.13)

avg1=17.13~0% avg2=17.13

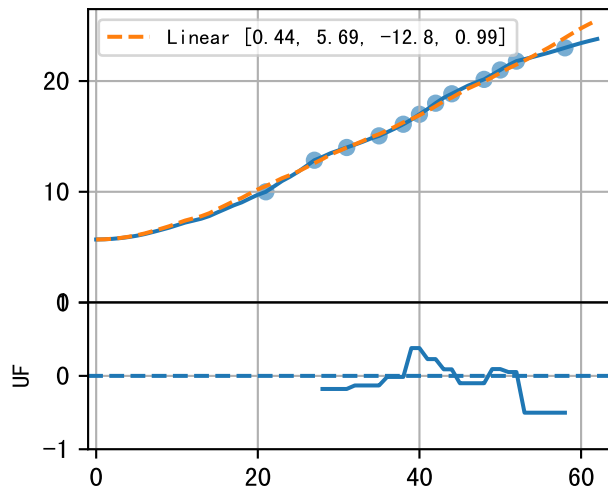
InitDev



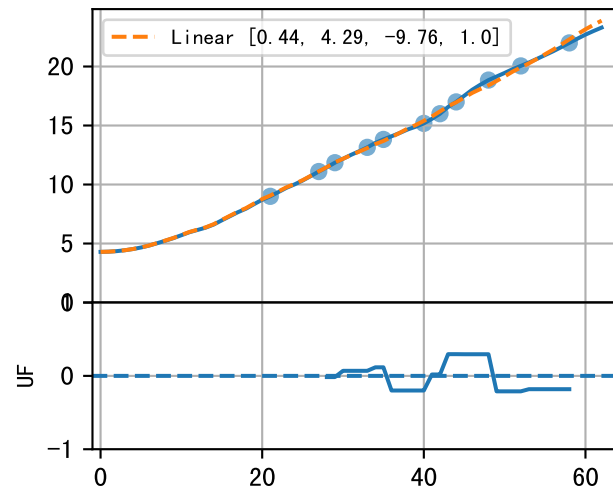
P10AW-003-11



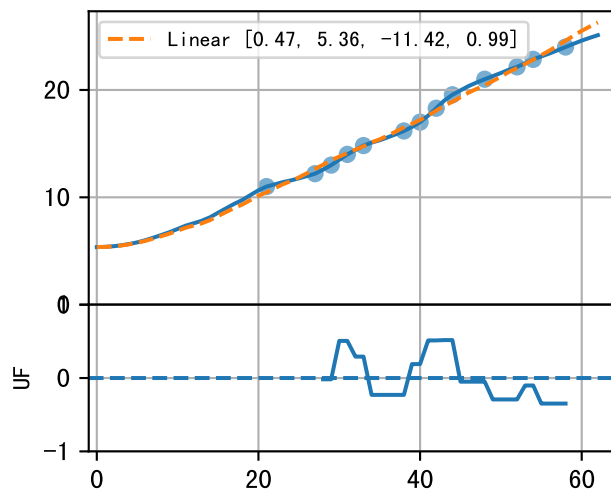
P10AW-016-3



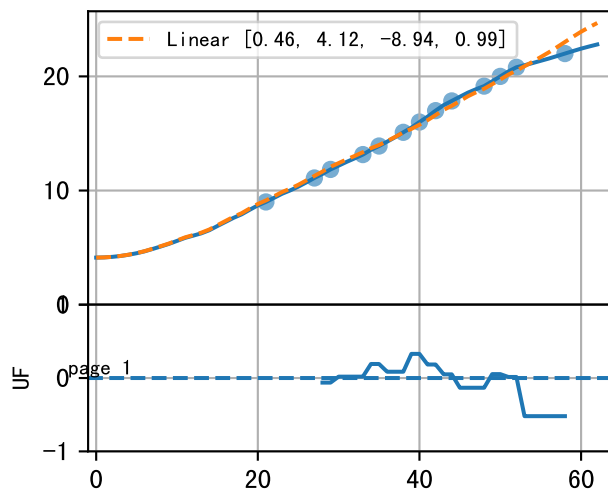
P10AW-029-30



P10AW-041-24



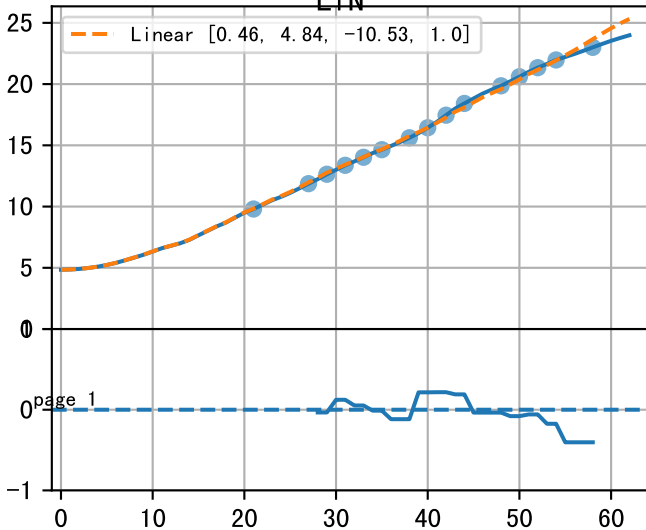
P10AW-054-10



P10AWavg
Lfn

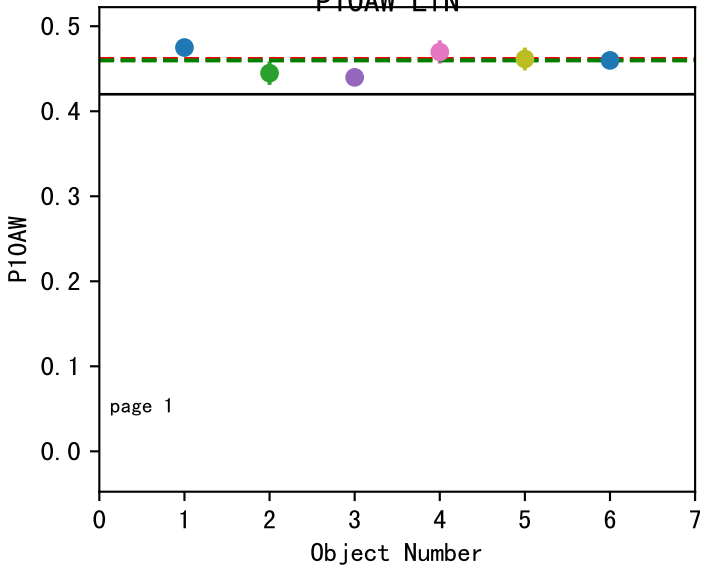
Linear [0.46, 4.84, -10.53, 1.0]

UF
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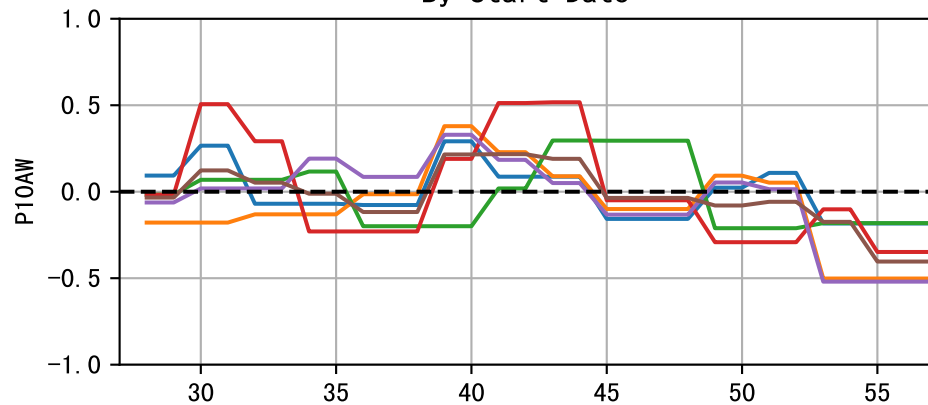


a (Def=0.42 Set=0.46)
avg1=0.46 $\sim$ 3% avg2=0.46 $\sim$ 4%

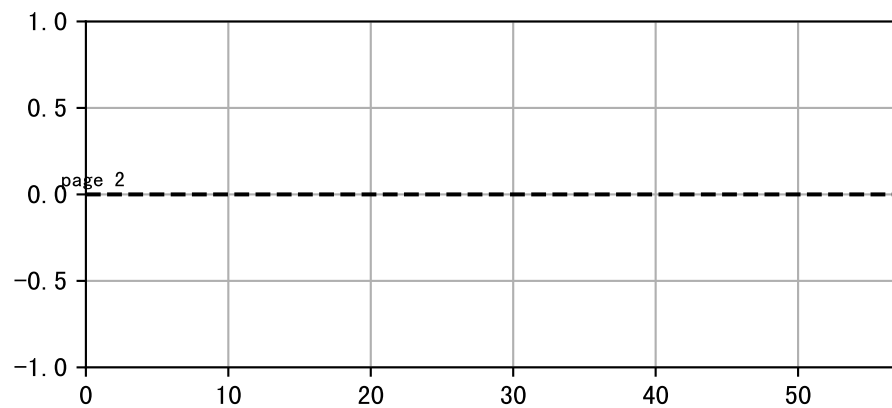
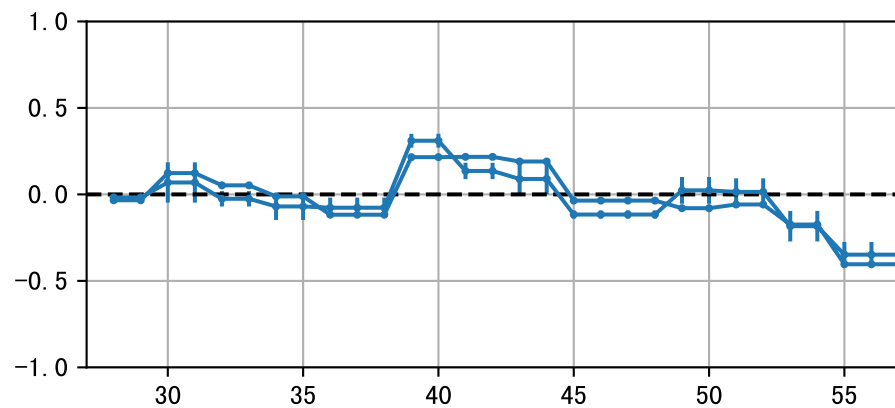
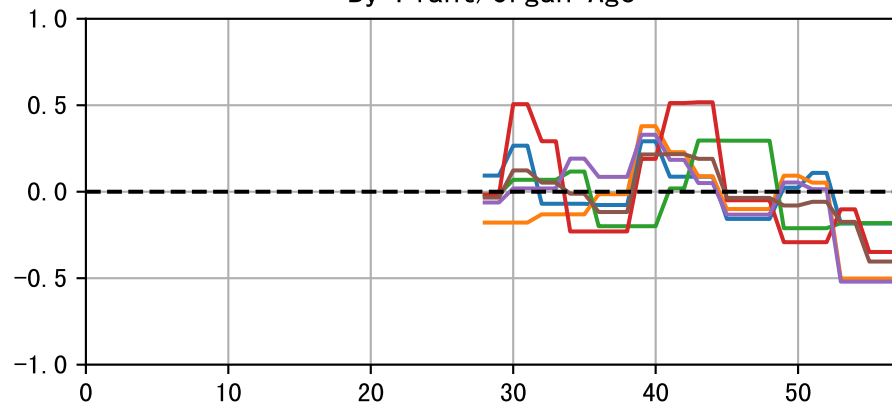
P10AW LFN



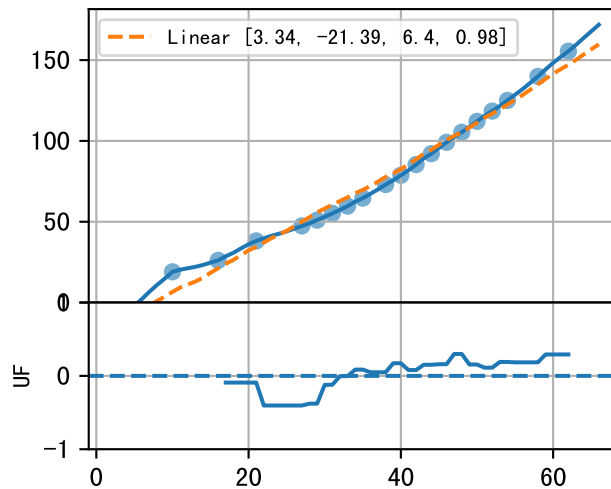
By Start Date



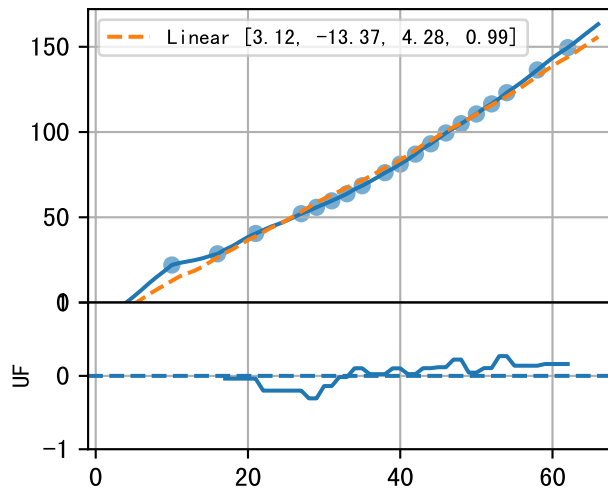
By Plant/Organ Age



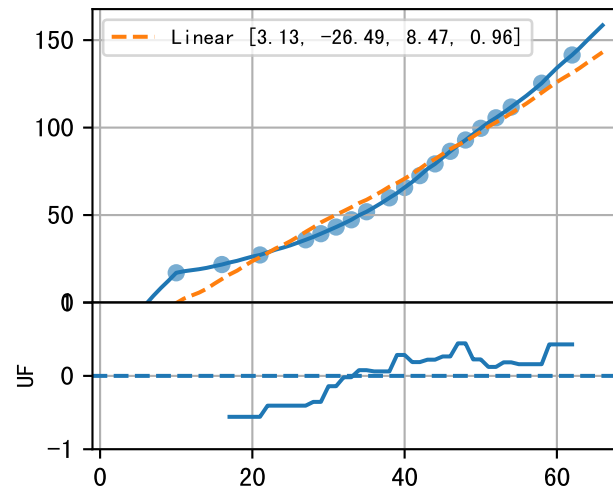
P10AW-003-11



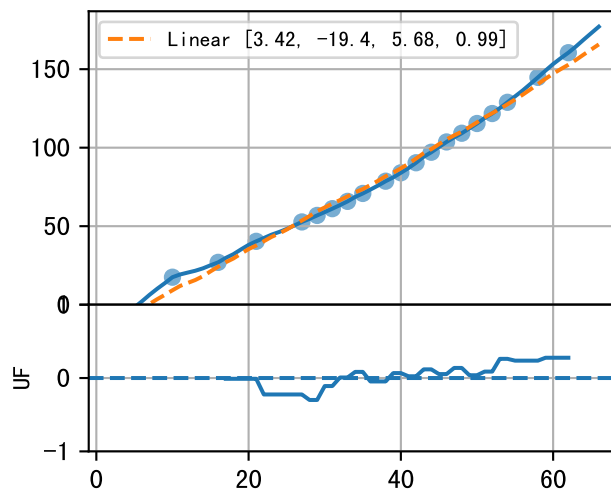
P10AW-016-3



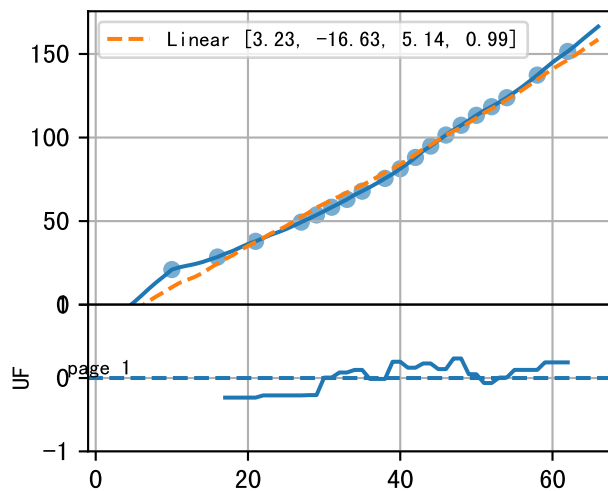
P10AW-029-30



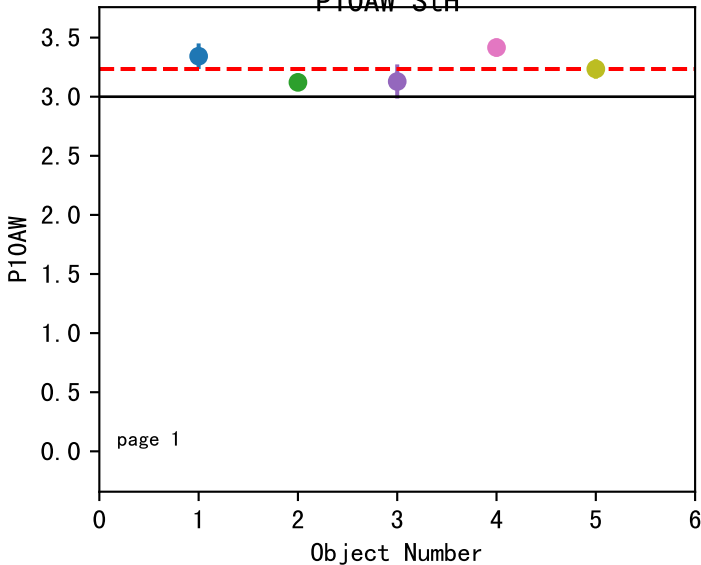
P10AW-041-24



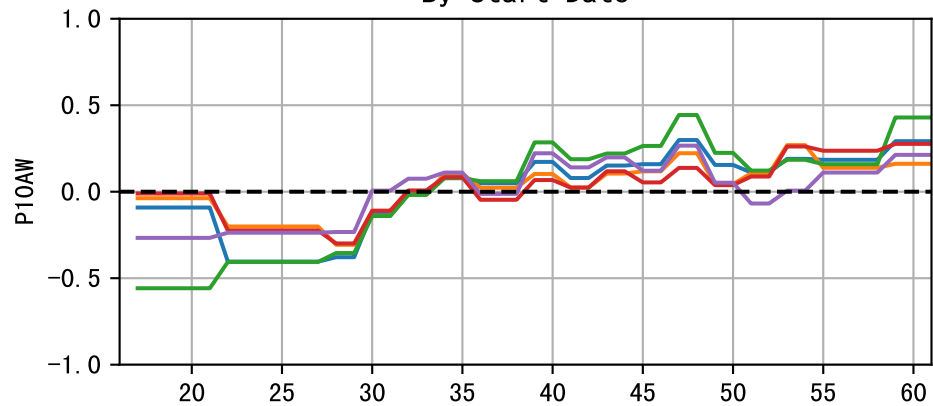
P10AW-054-10



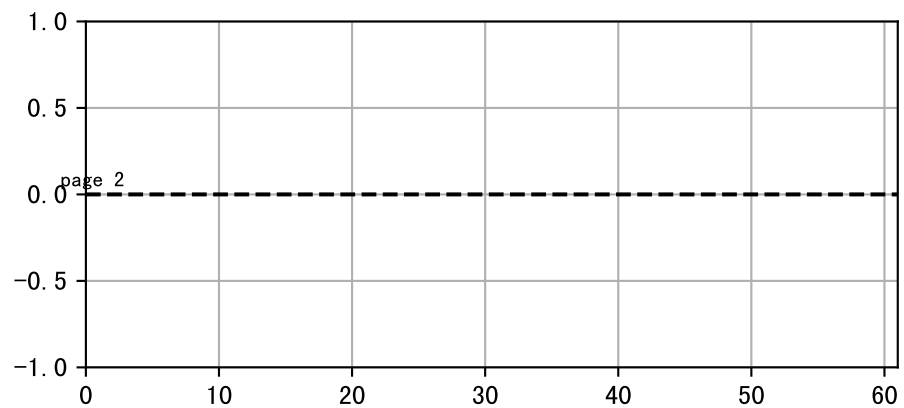
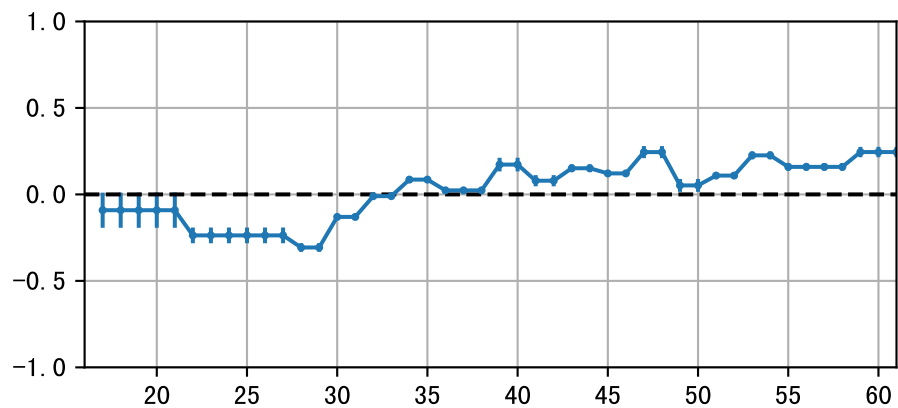
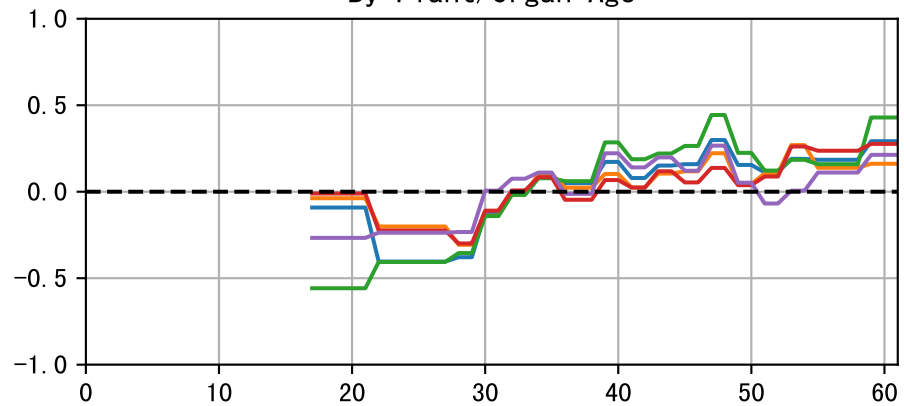
a (Def=3 Set=3.23)
avg1=3.23~4% avg2=na
P10AW StH



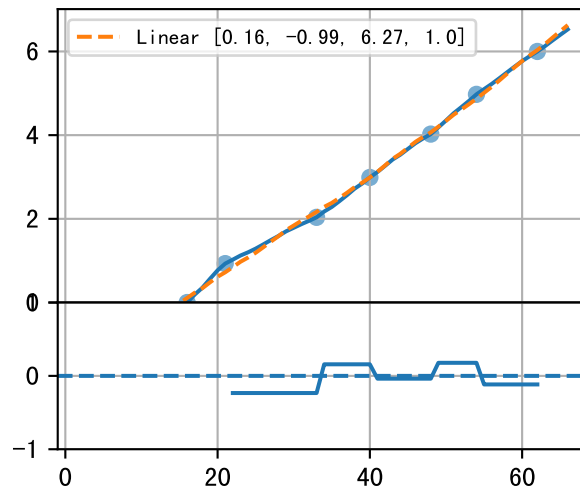
By Start Date



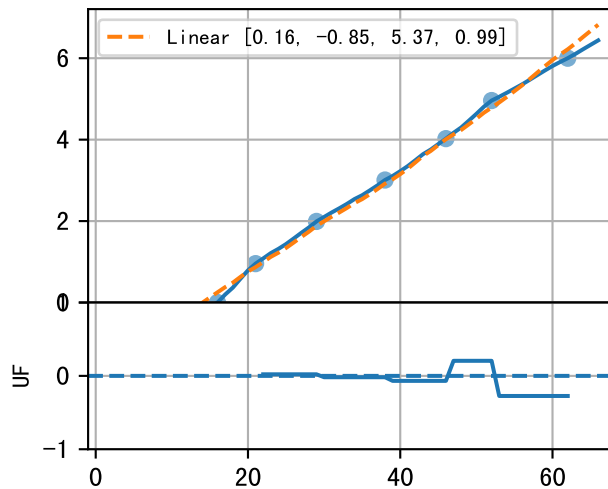
By Plant/Organ Age



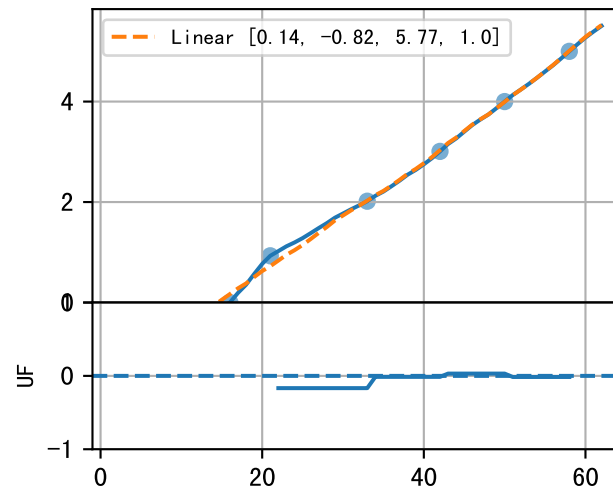
P10AW-003-11



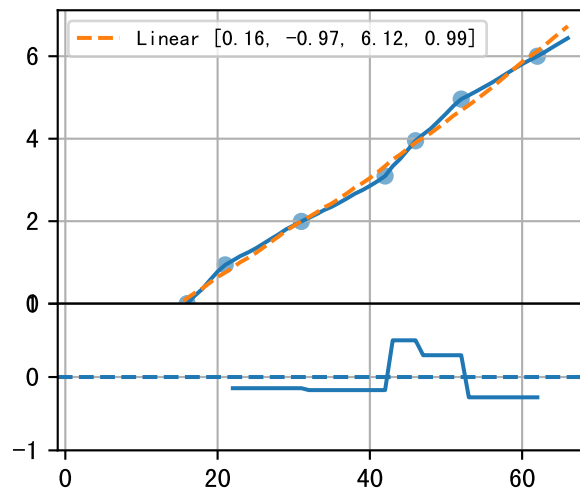
P10AW-016-3



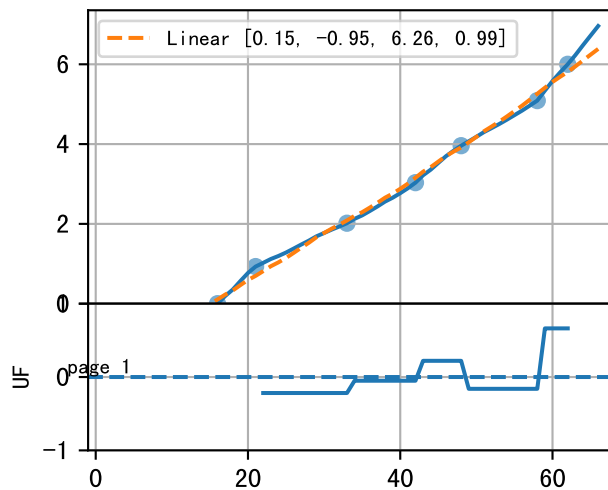
P10AW-029-30



P10AW-041-24



P10AW-054-10

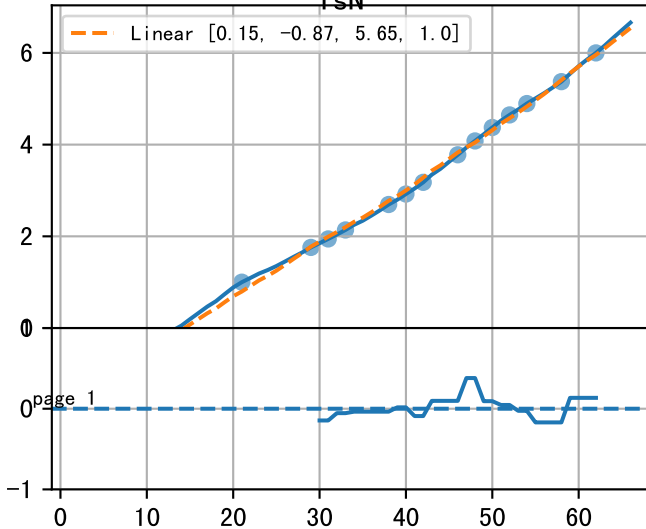


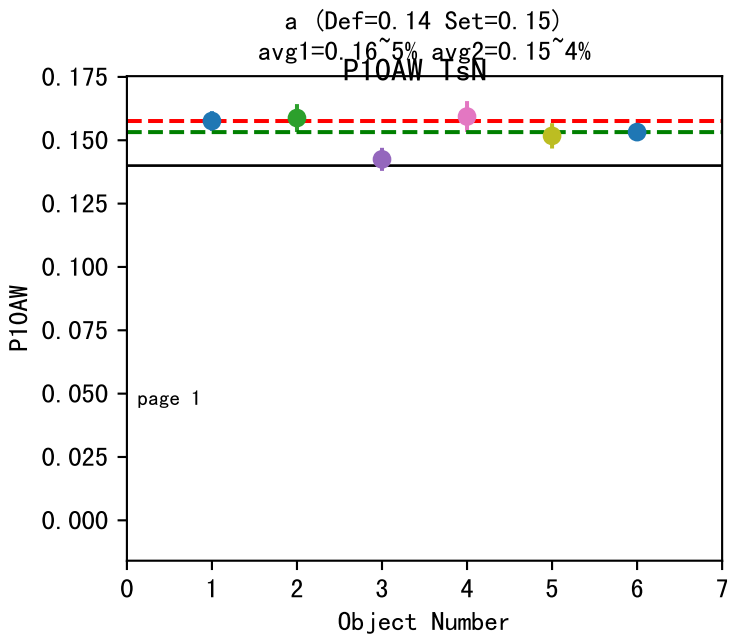
P10AWavg
TSN

Linear [0.15, -0.87, 5.65, 1.0]

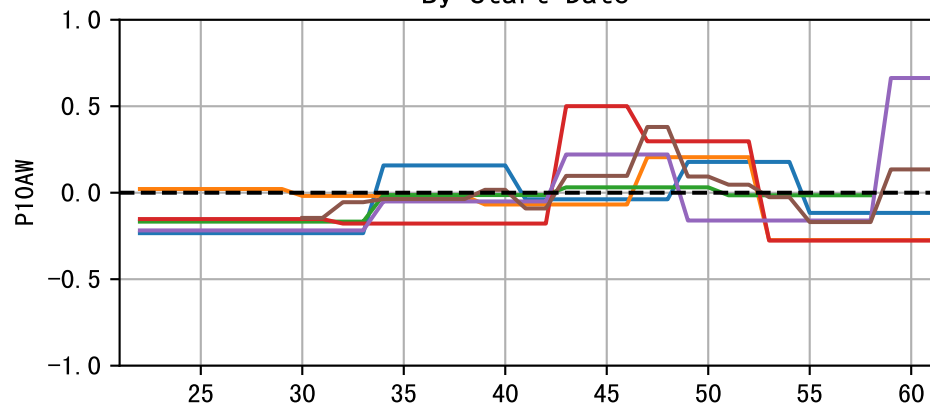
UF

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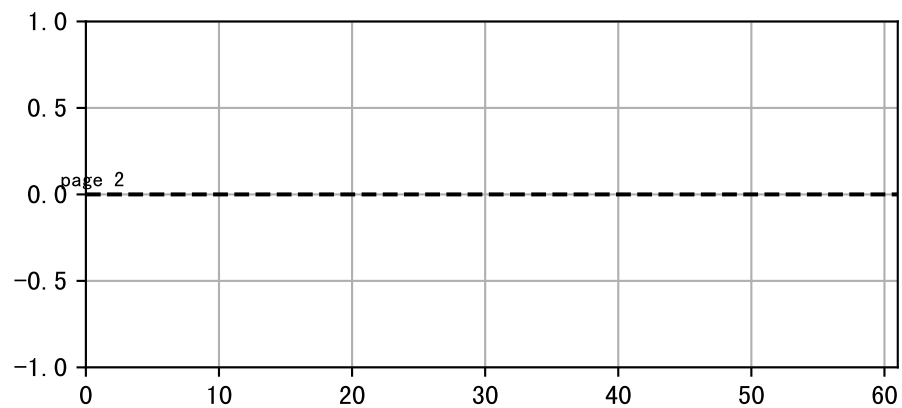
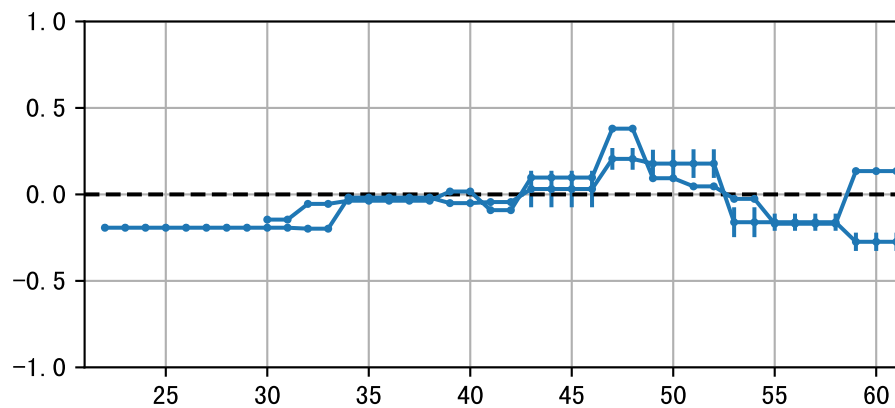
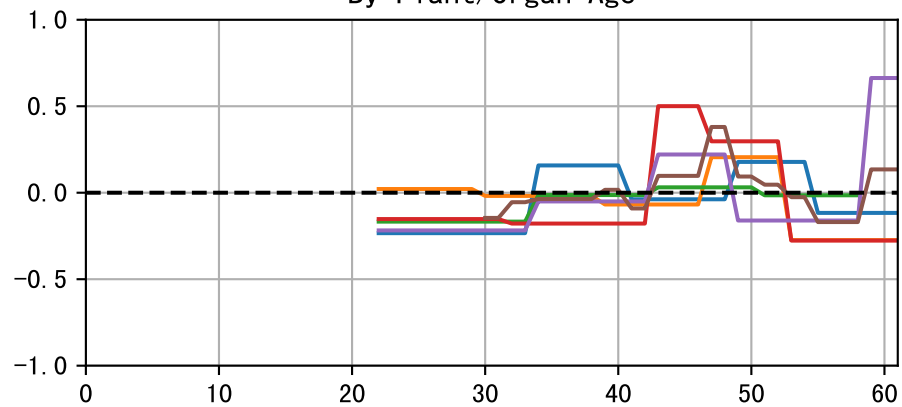




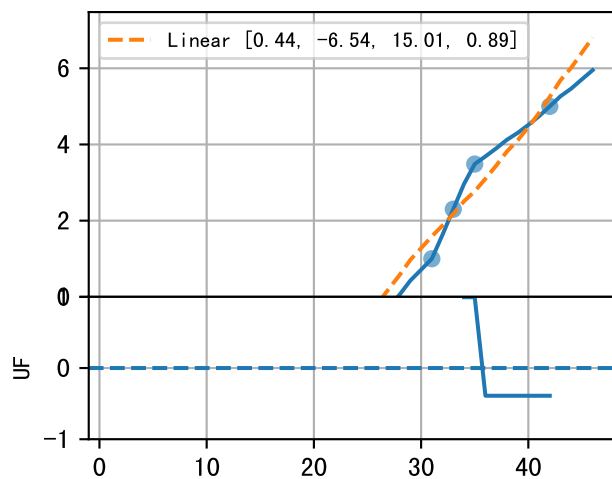
By Start Date



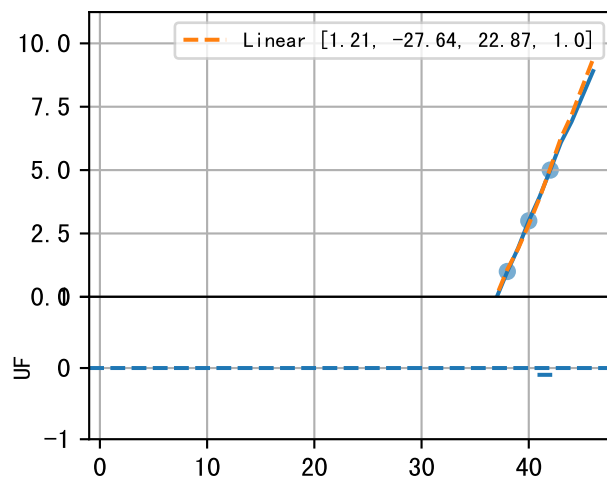
By Plant/Organ Age



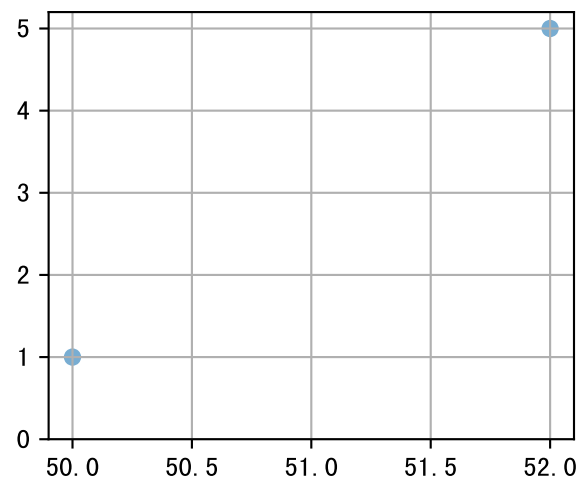
P10AW-003-11T1



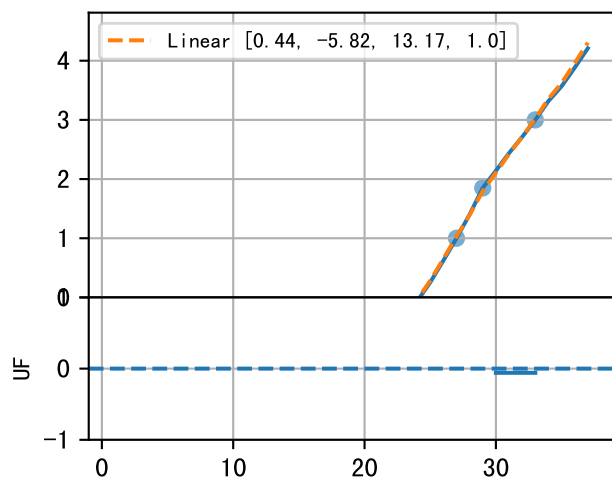
P10AW-003-11T2



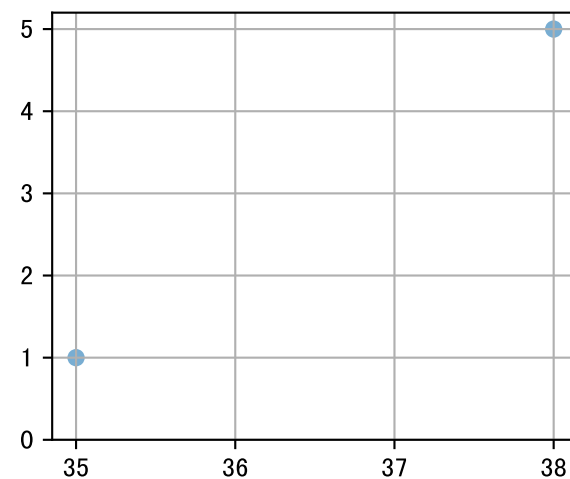
P10AW-003-11T3 (fit failed)



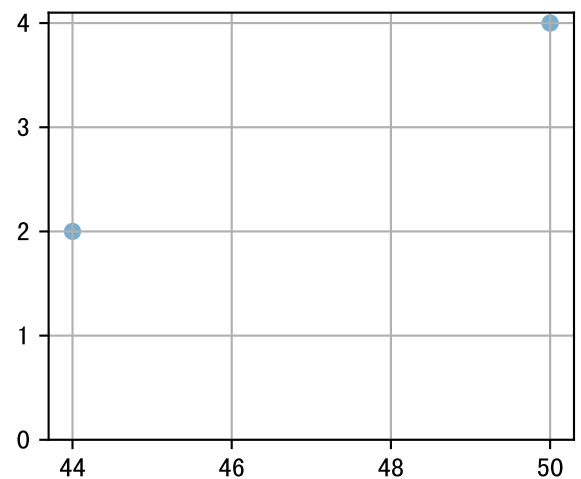
P10AW-016-3T1



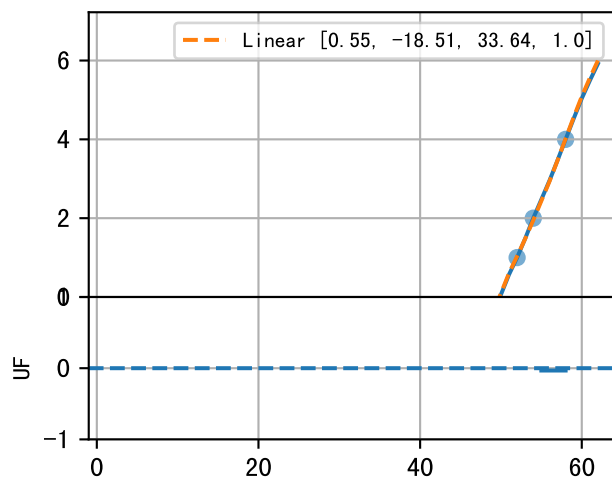
P10AW-016-3T2 (fit failed)



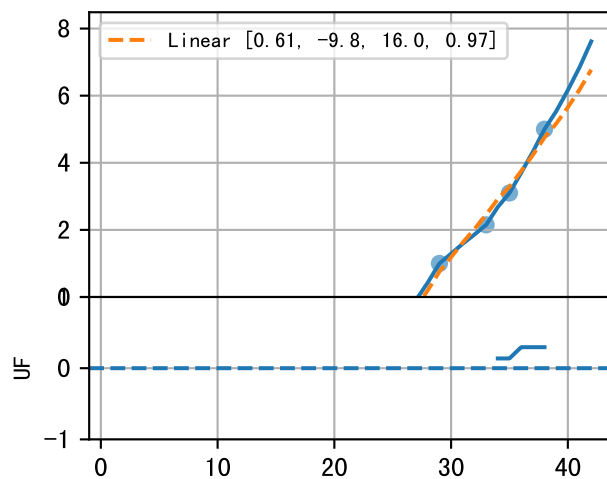
P10AW-016-3T3 (fit failed)



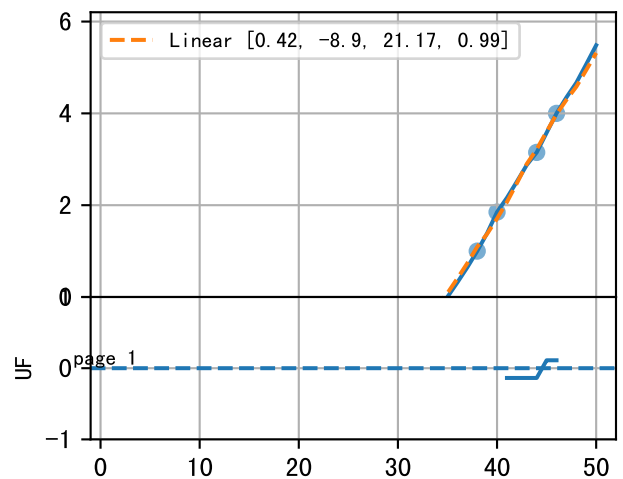
P10AW-016-3T4

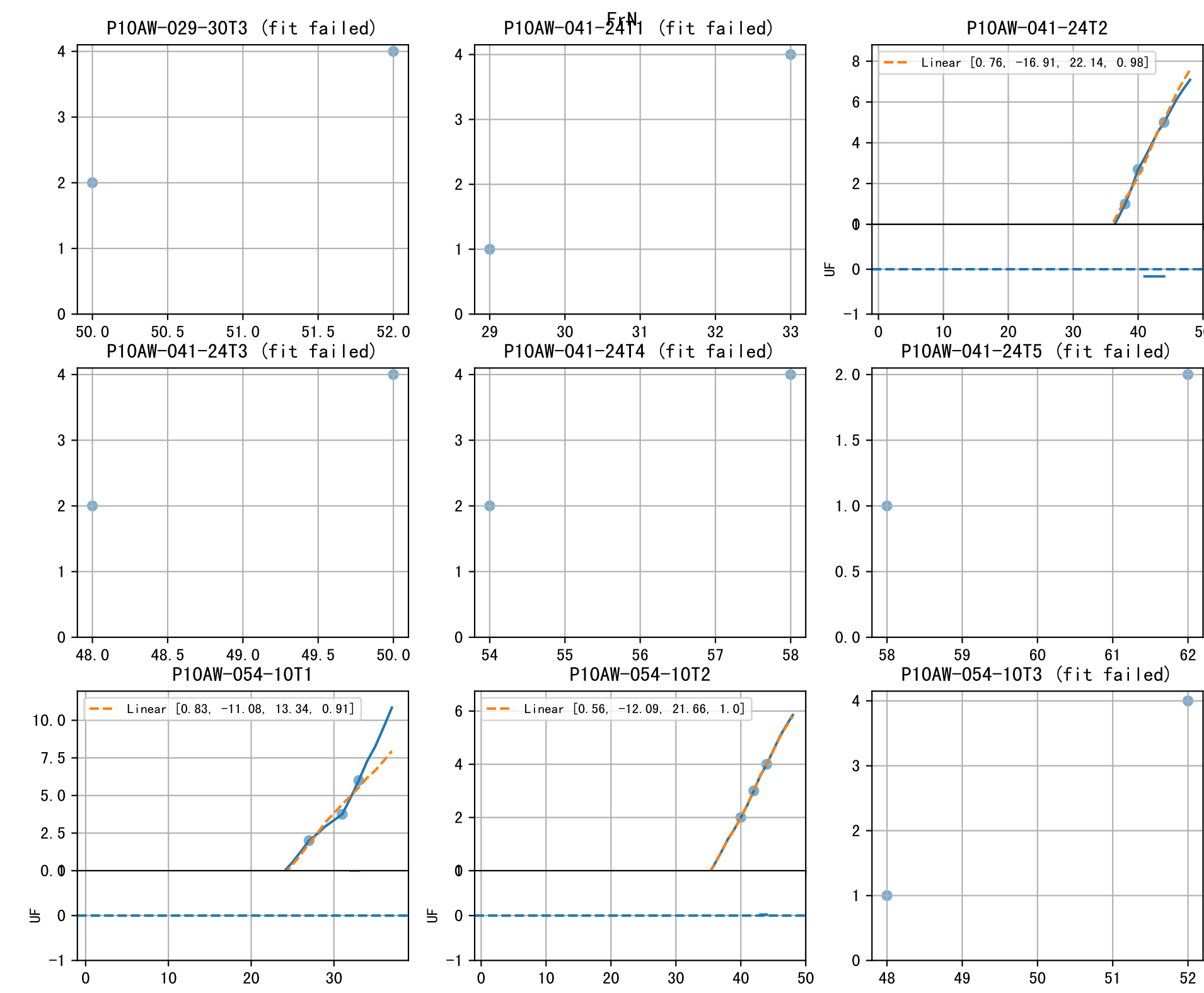


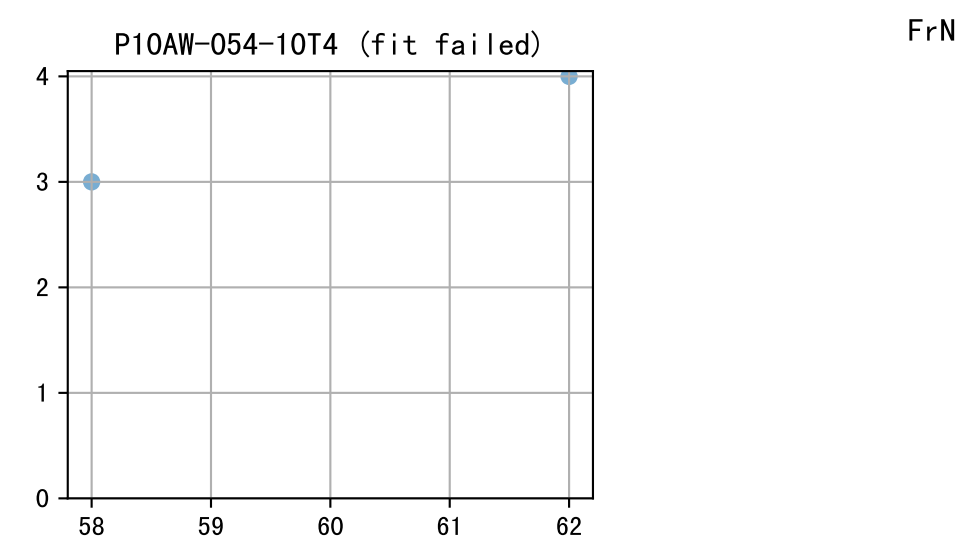
P10AW-029-30T1



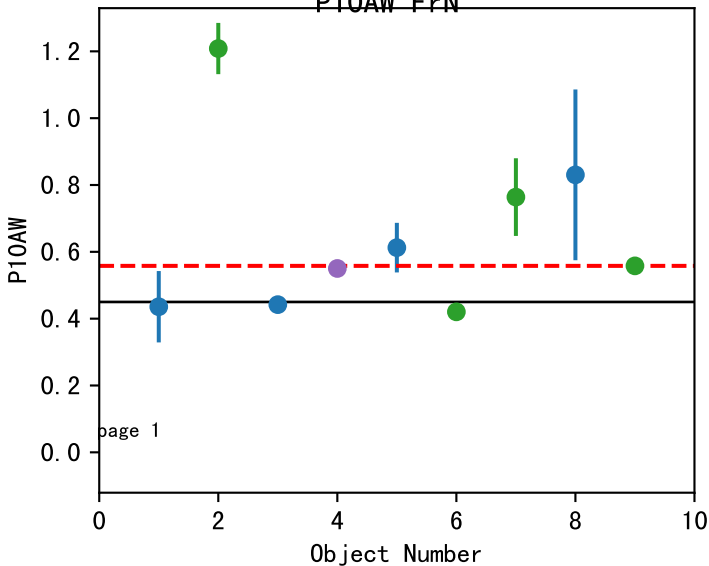
P10AW-029-30T2



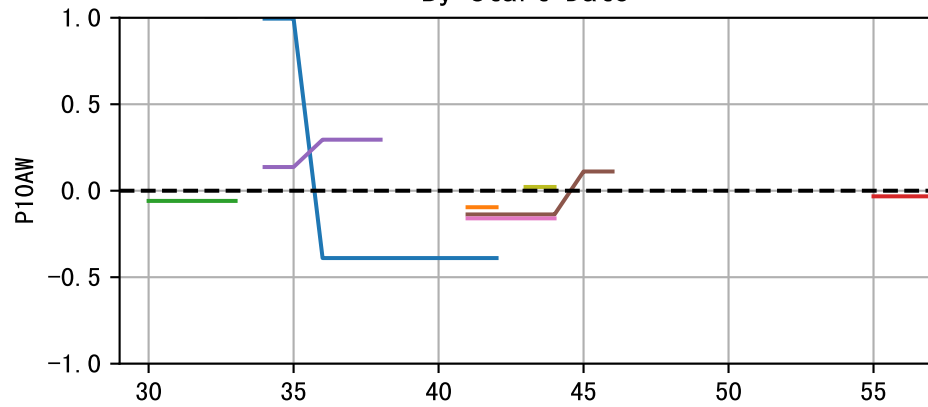




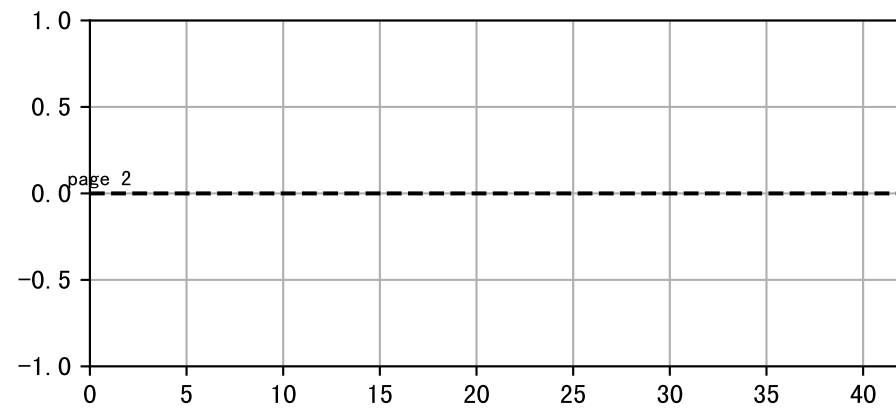
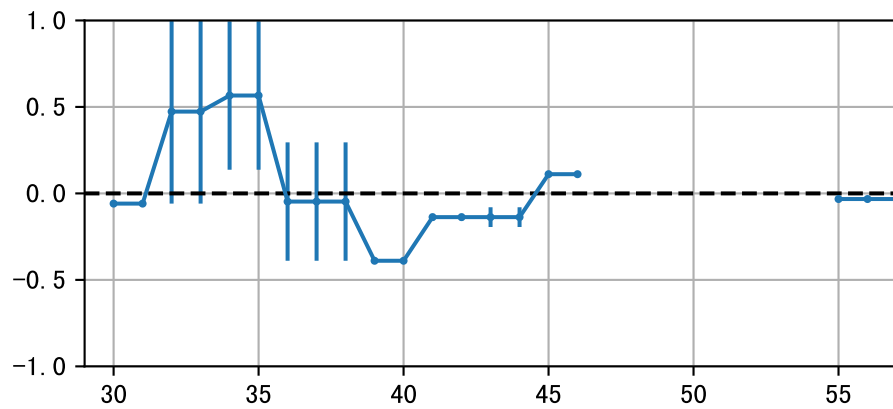
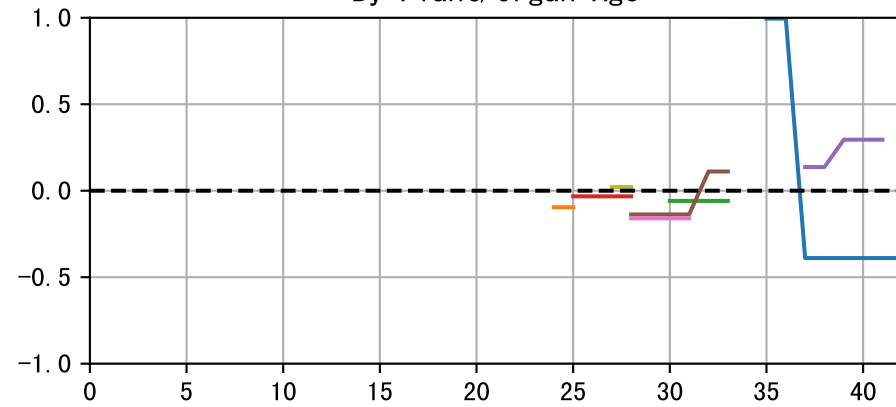
a (Def=0.45 Set=0.56)
avg1=0.56~46% avg2=na



By Start Date

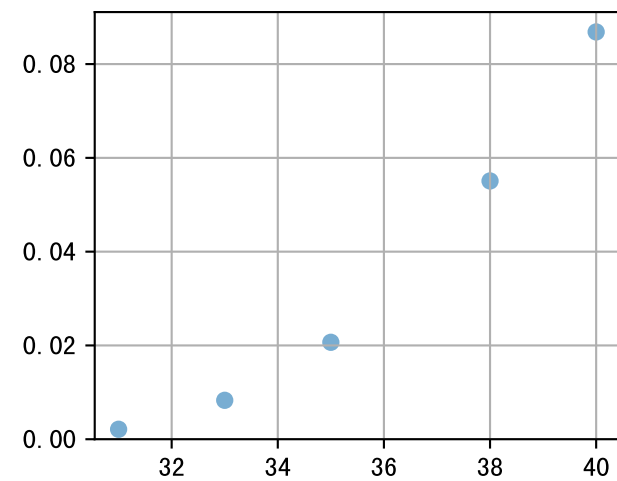


By Plant/Organ Age

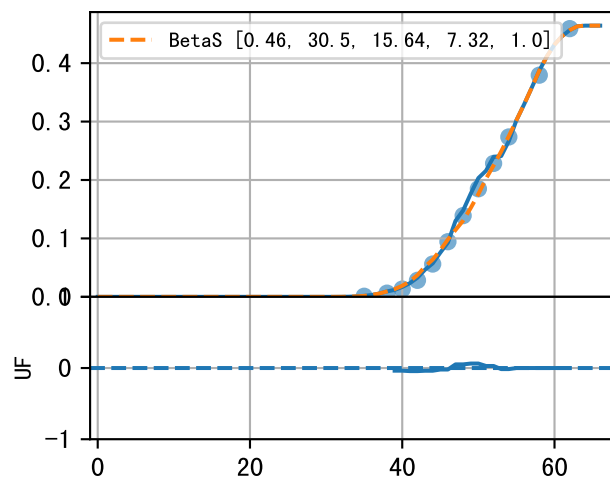


FrV

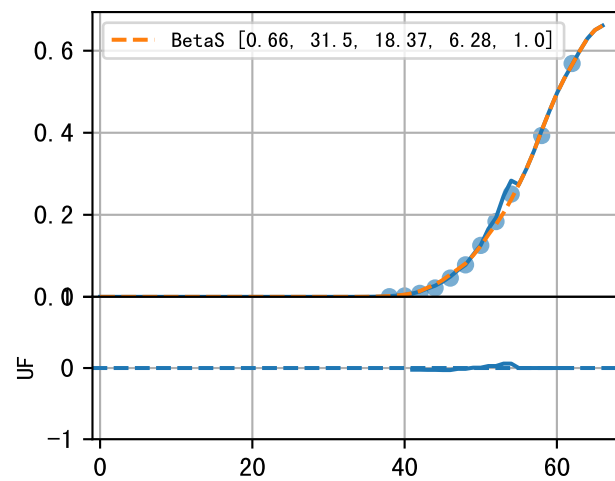
P10AW-003-11T1Fr1 (fit failed)



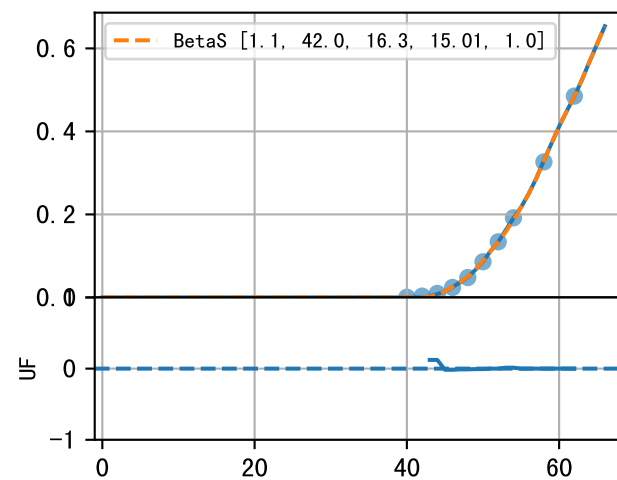
P10AW-003-11T1Fr5



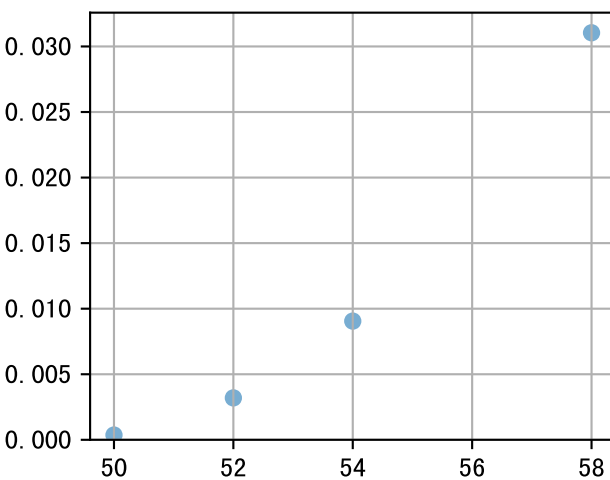
P10AW-003-11T2Fr1



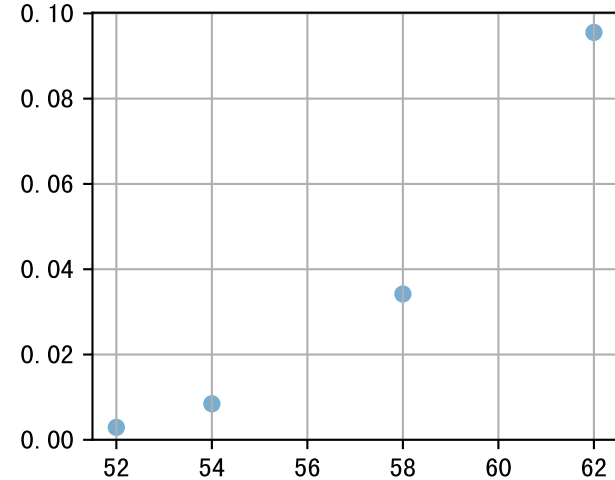
P10AW-003-11T2Fr5



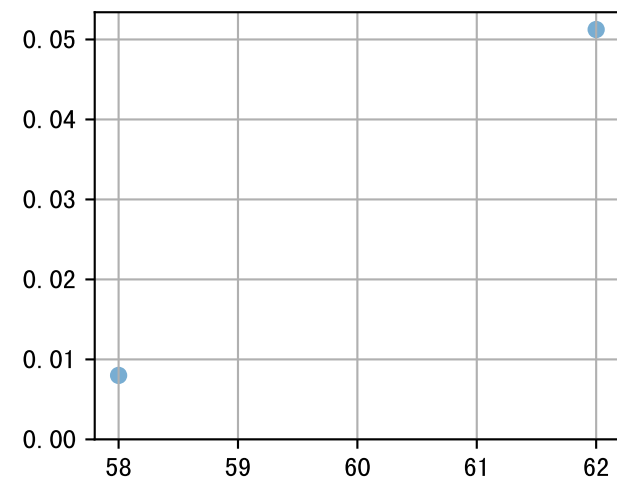
P10AW-003-11T3Fr1 (fit failed)



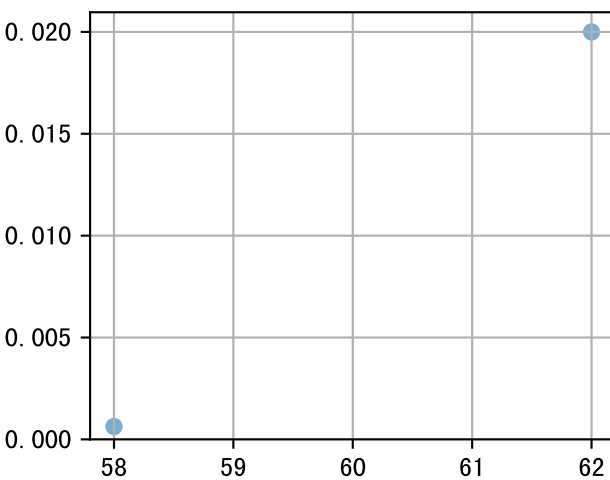
P10AW-003-11T3Fr5 (fit failed)



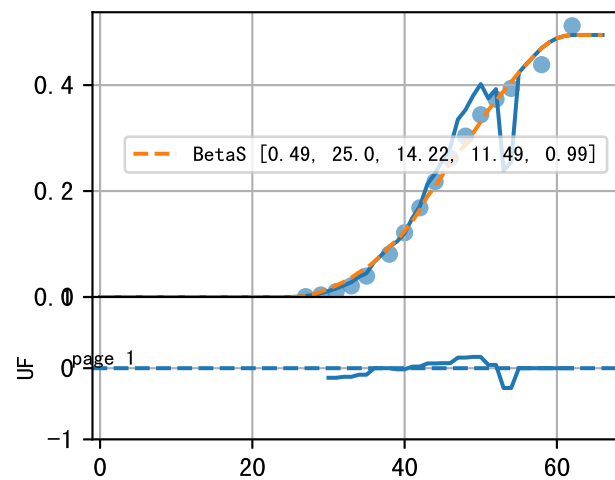
P10AW-003-11T4Fr1 (fit failed)



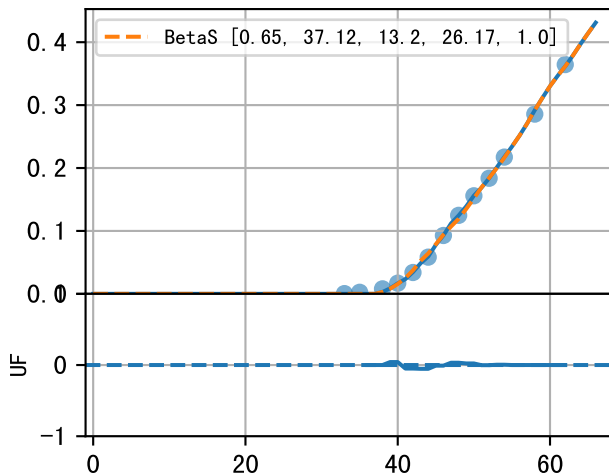
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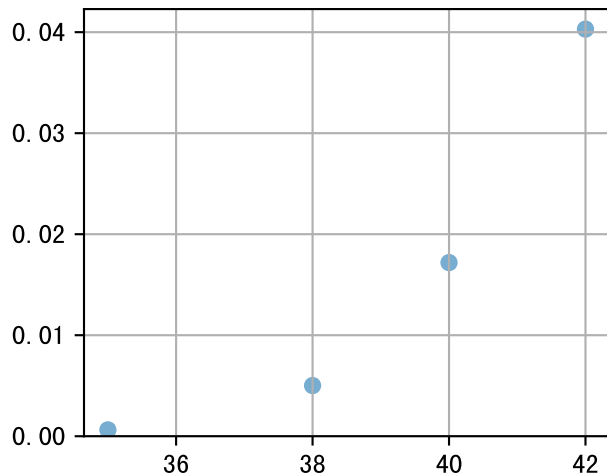
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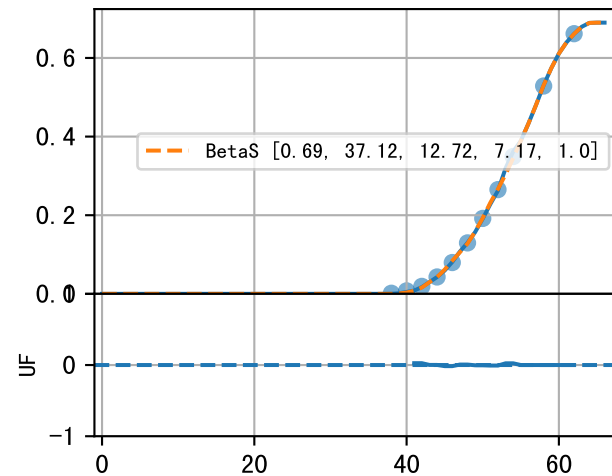
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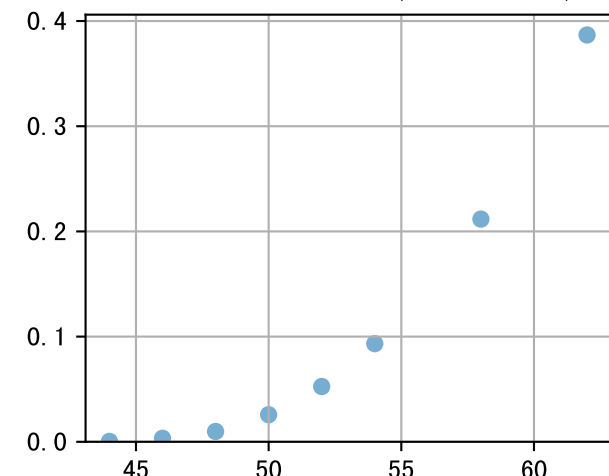
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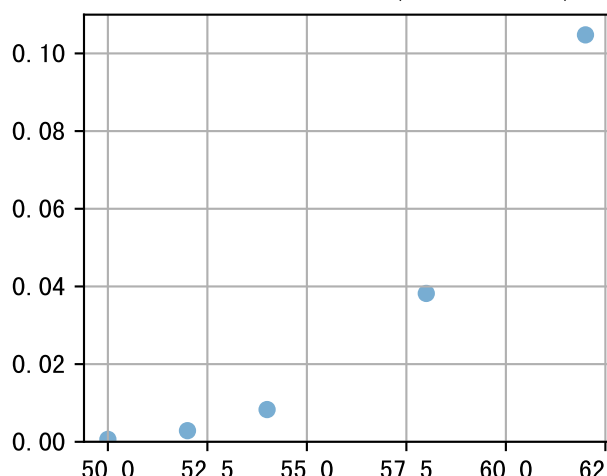
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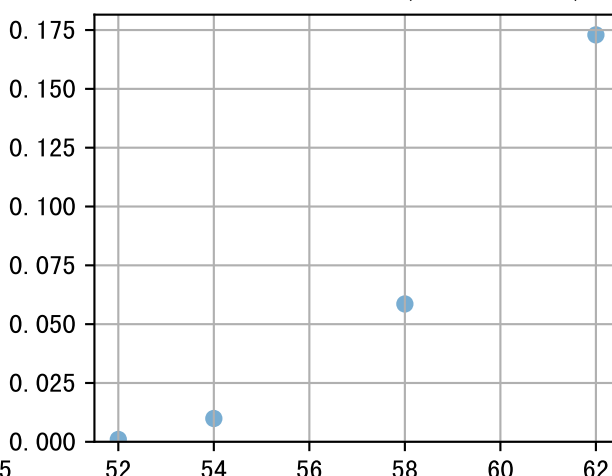
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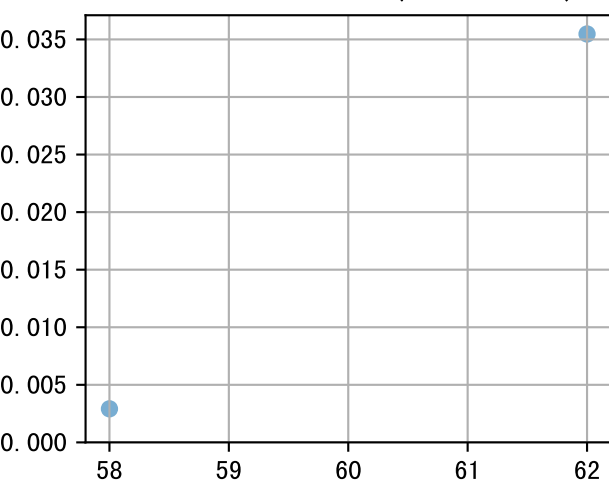
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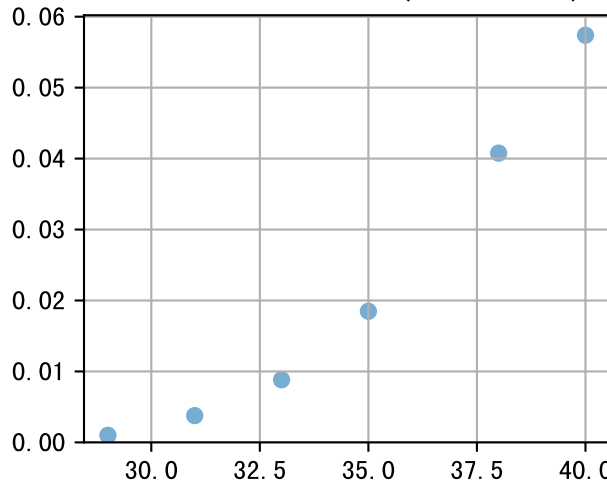
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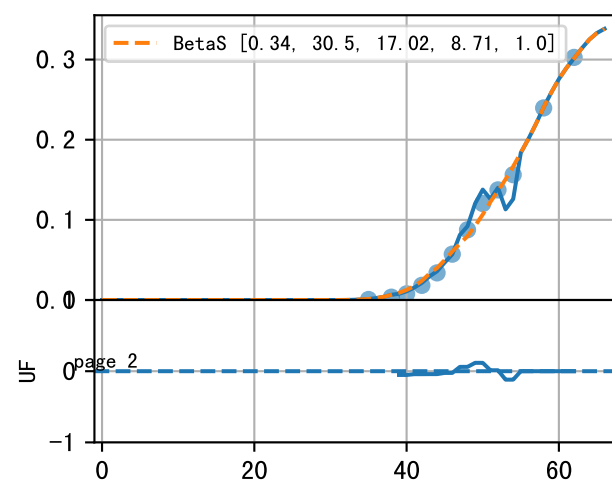
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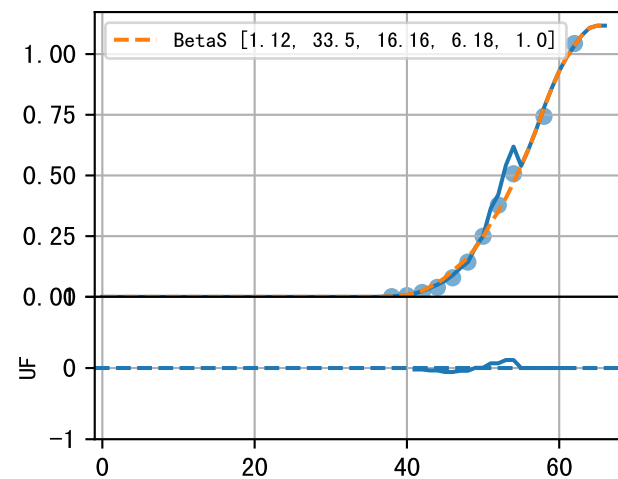
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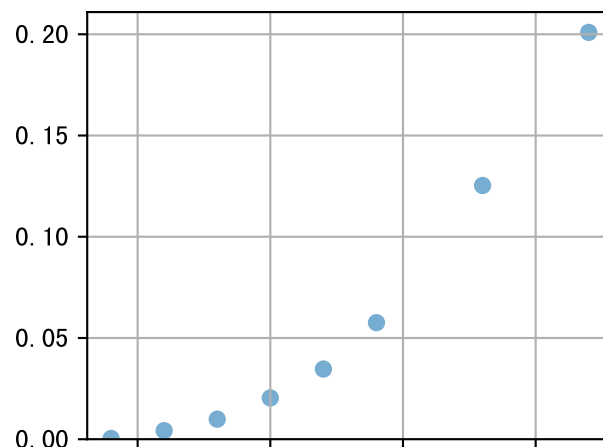
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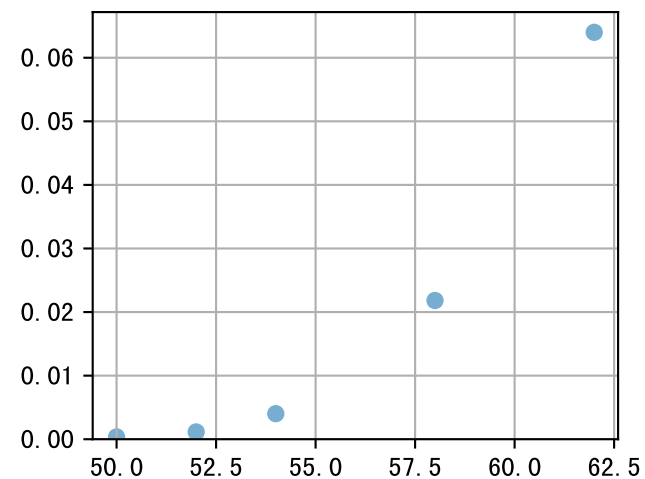
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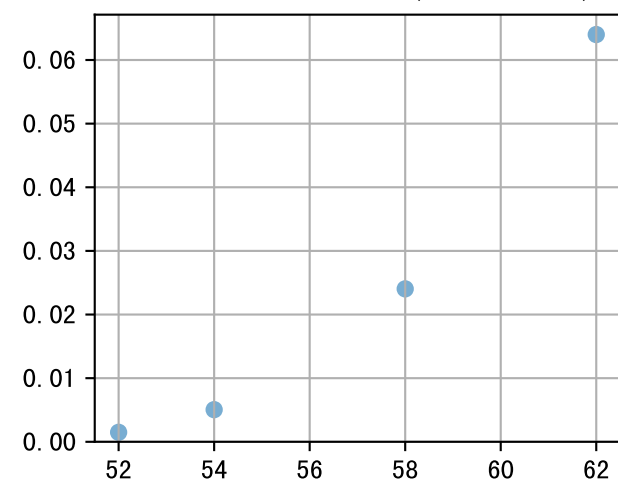
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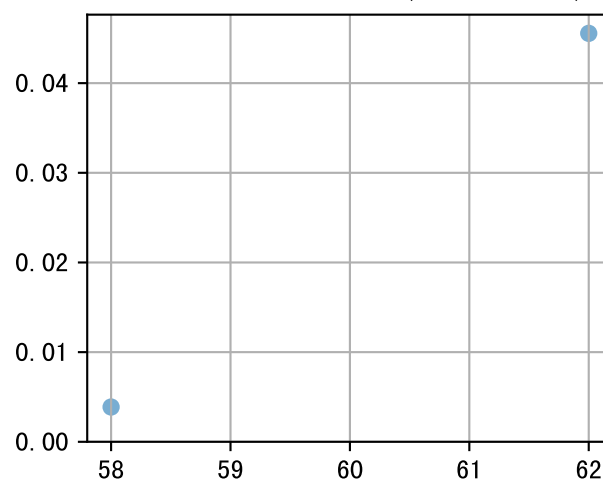
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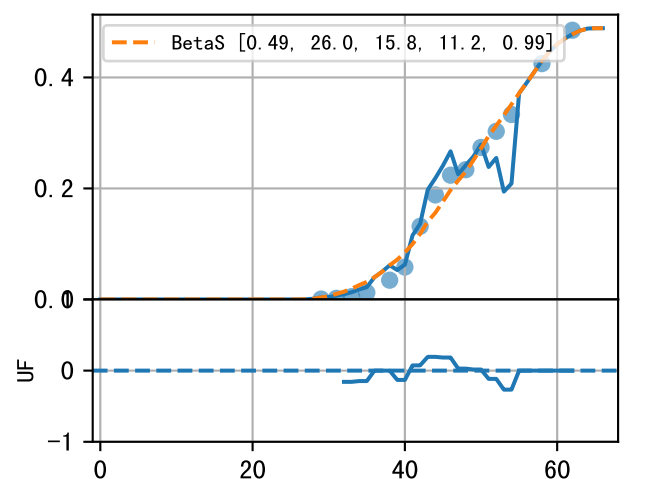
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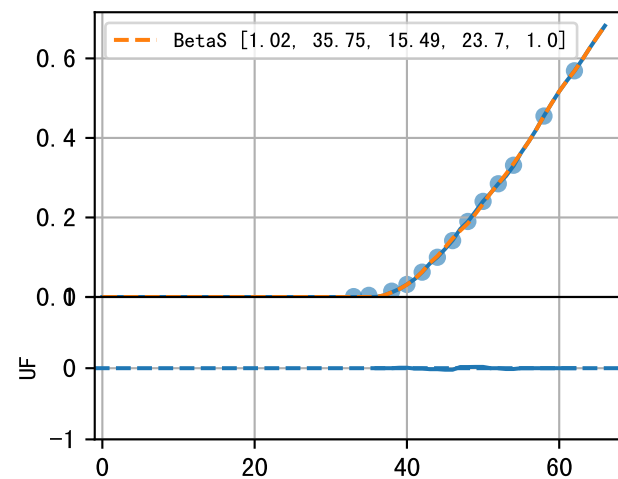
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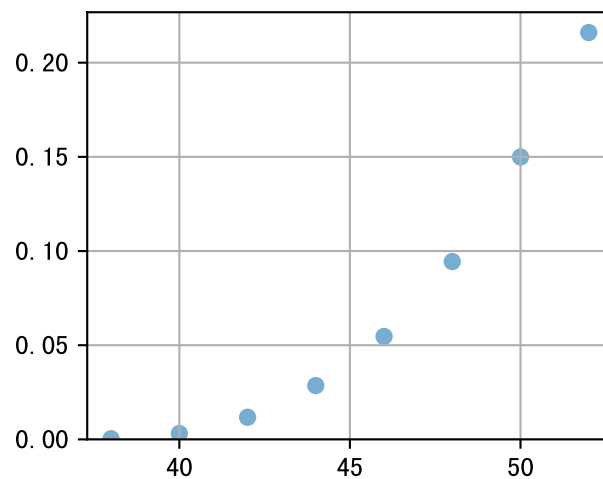
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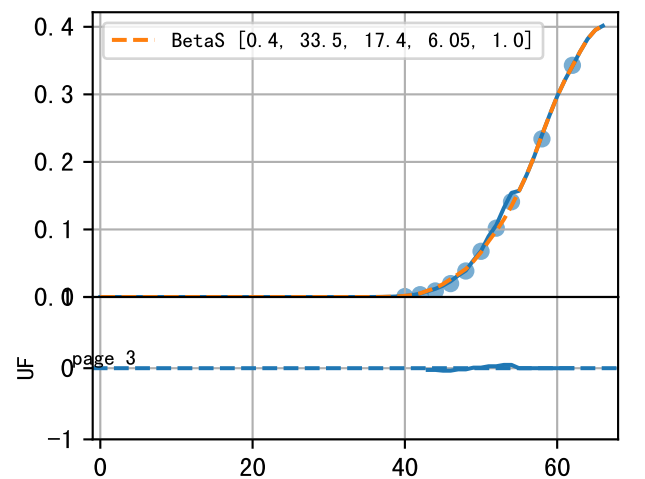
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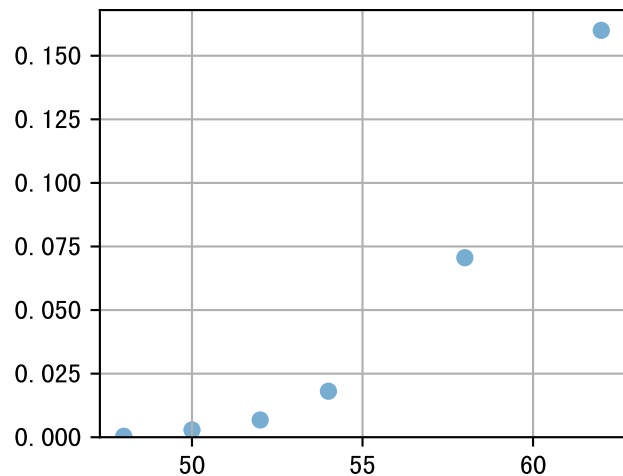
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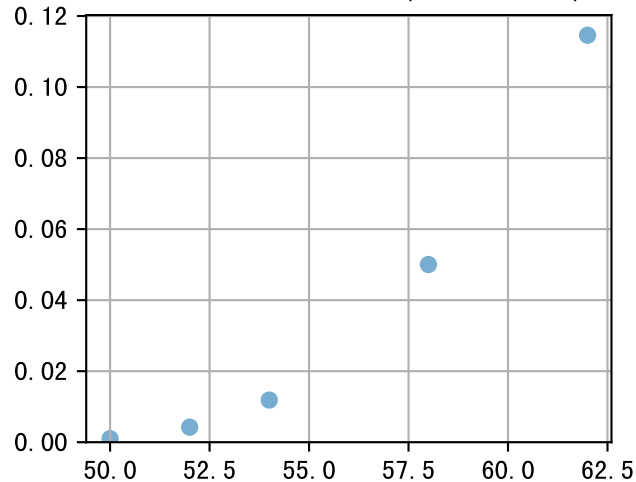
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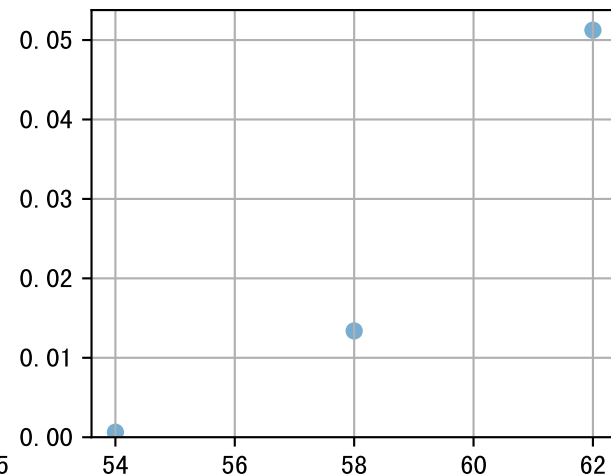
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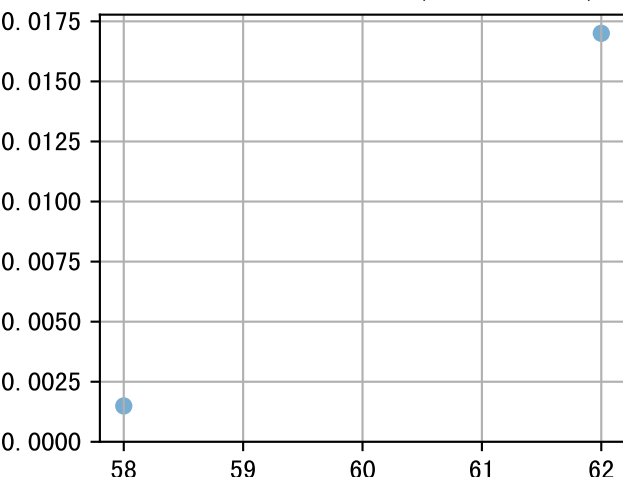
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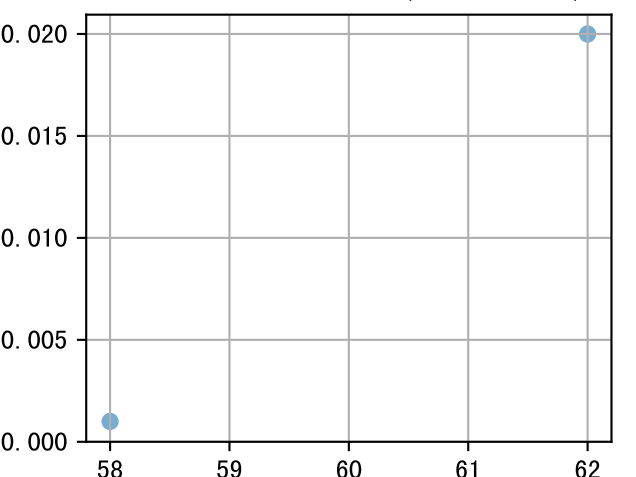
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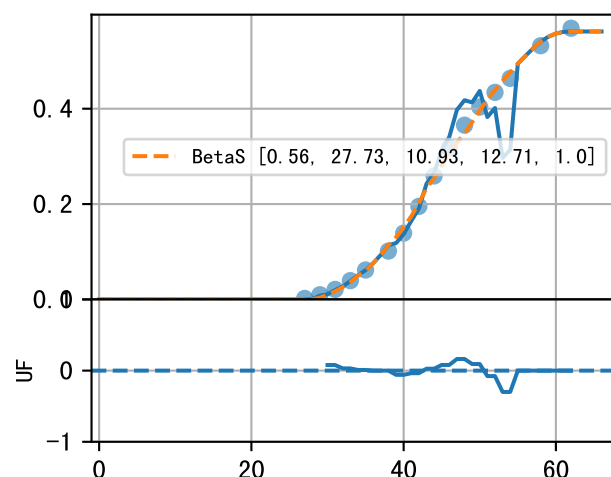
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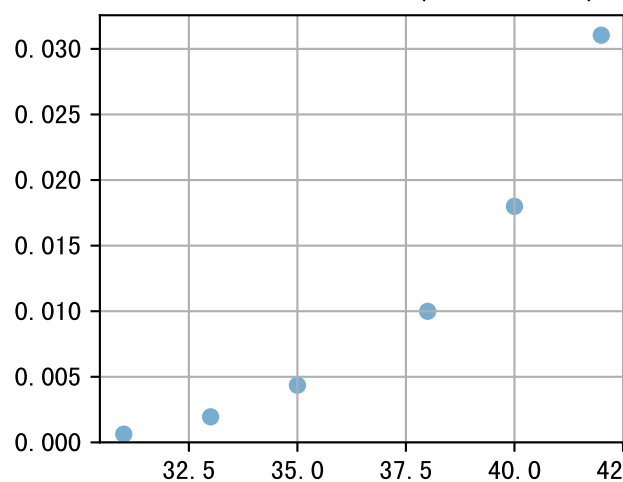
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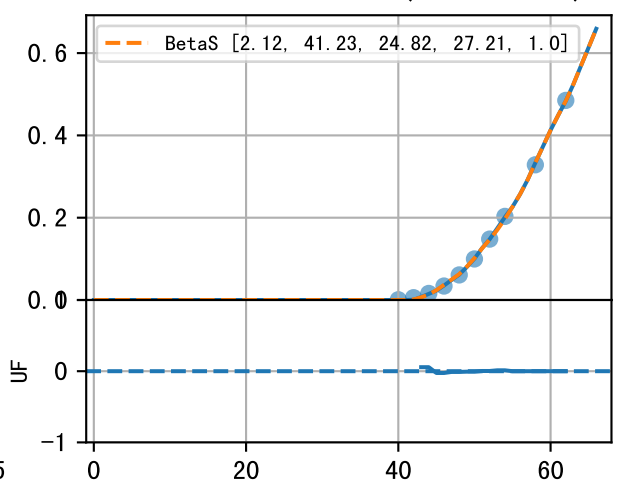
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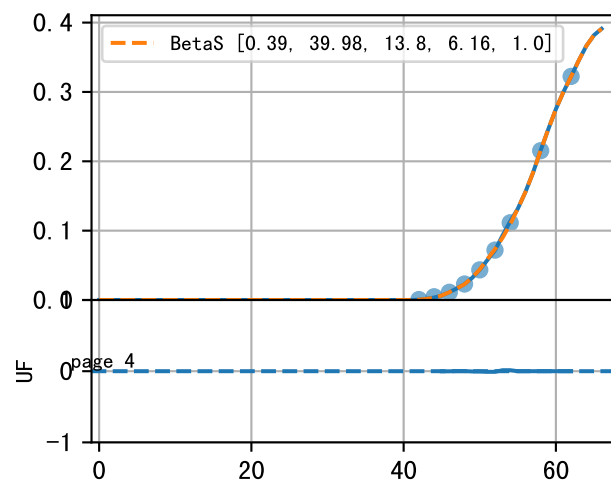
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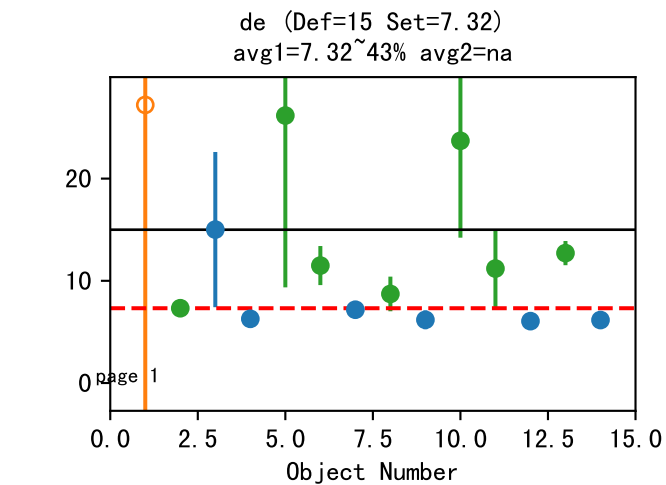
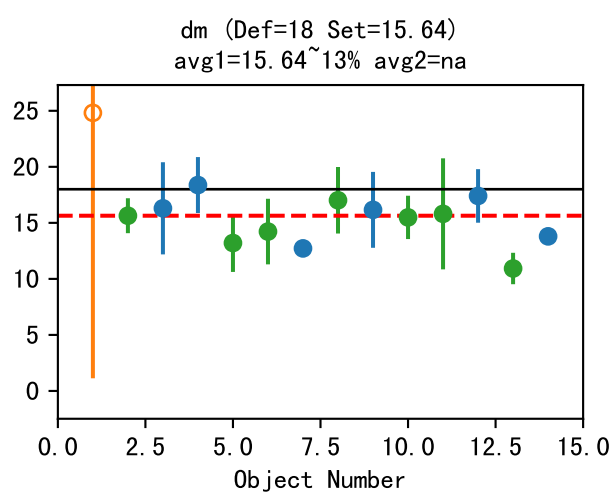
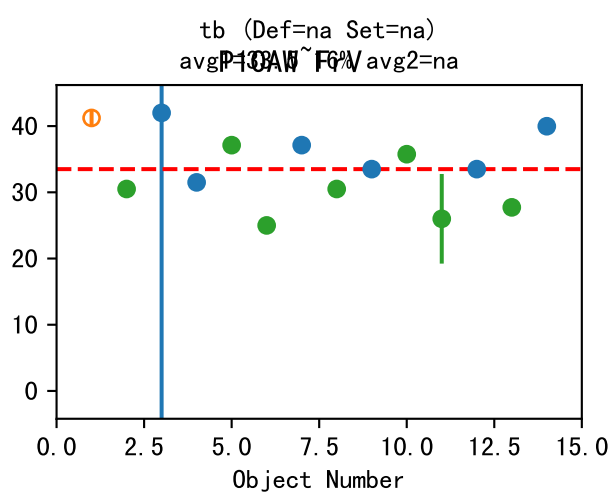
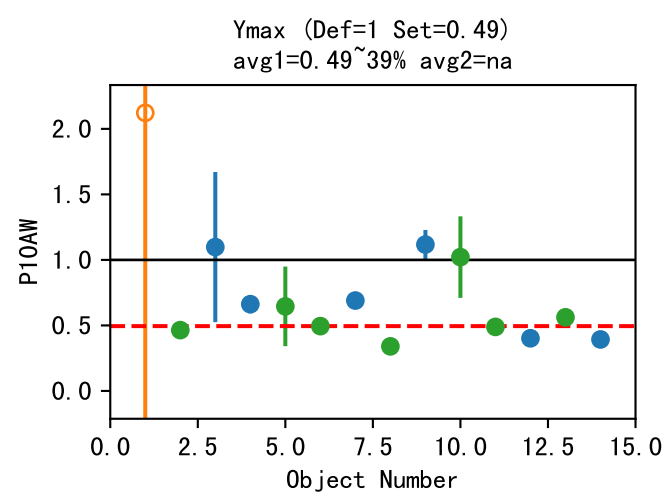
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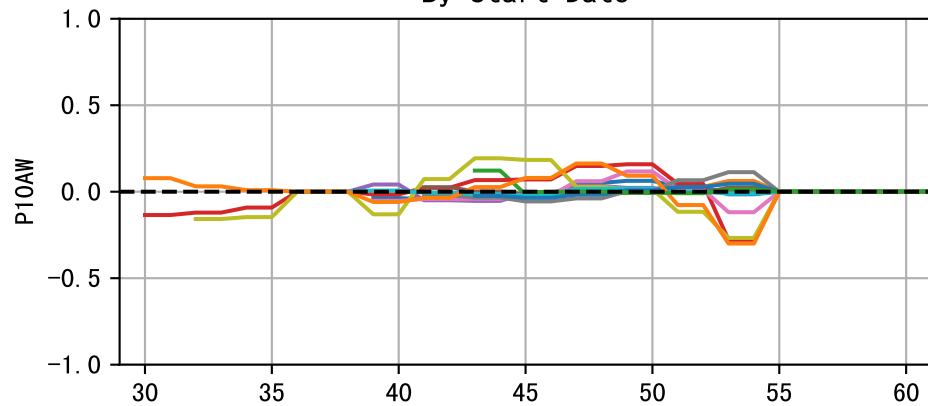
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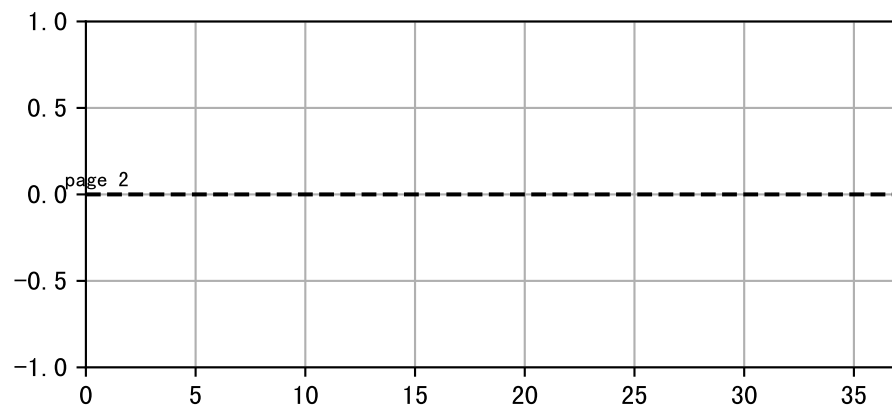
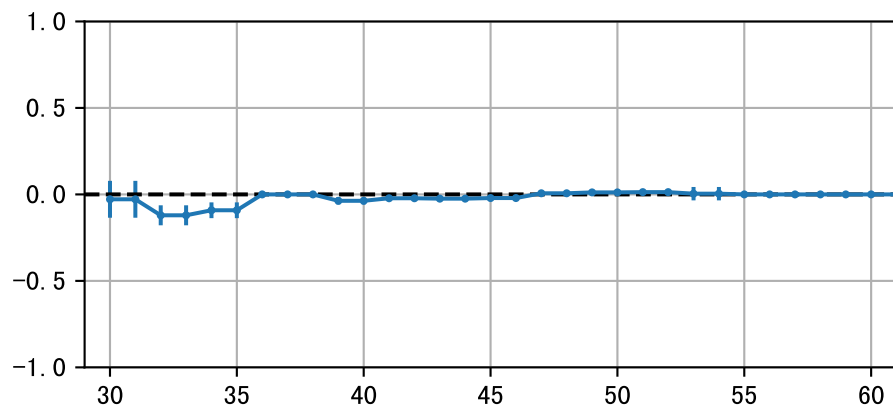
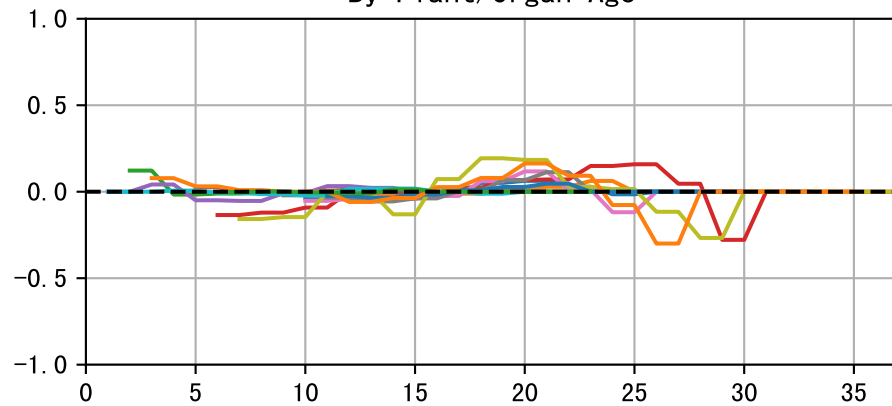


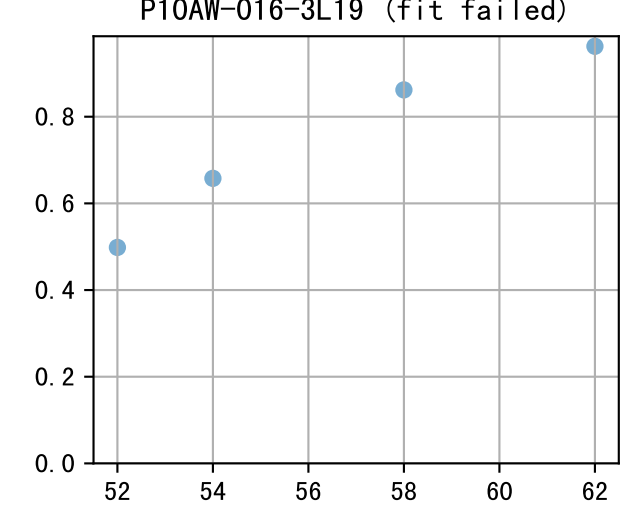
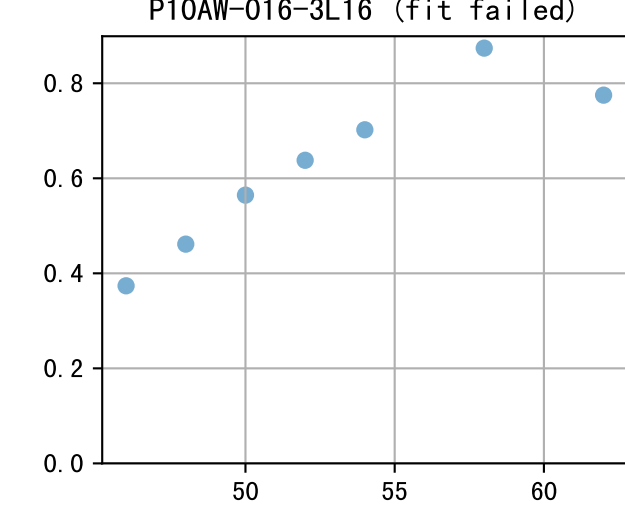
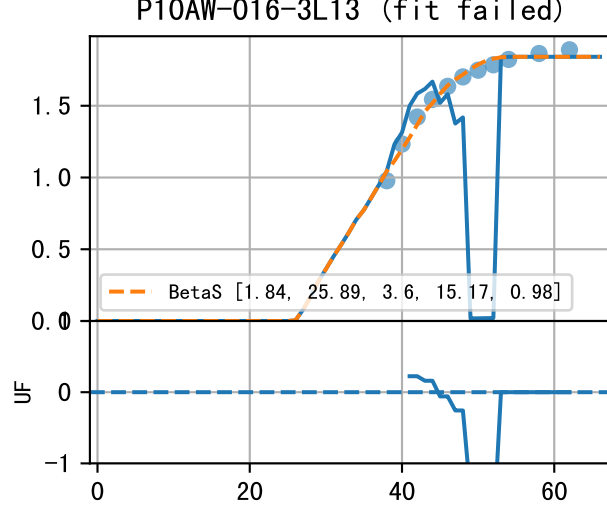
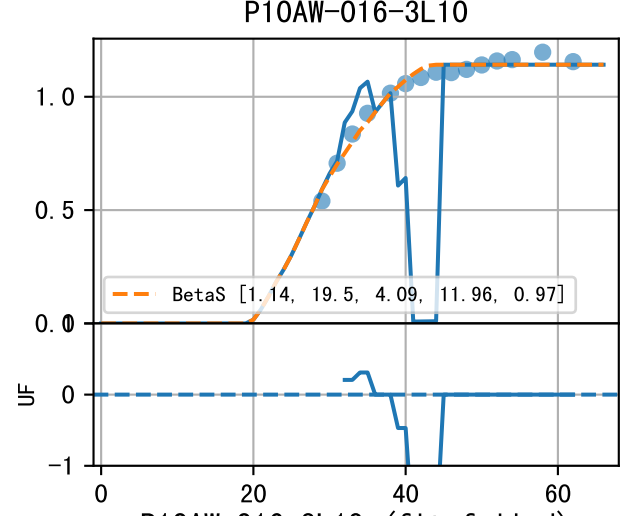
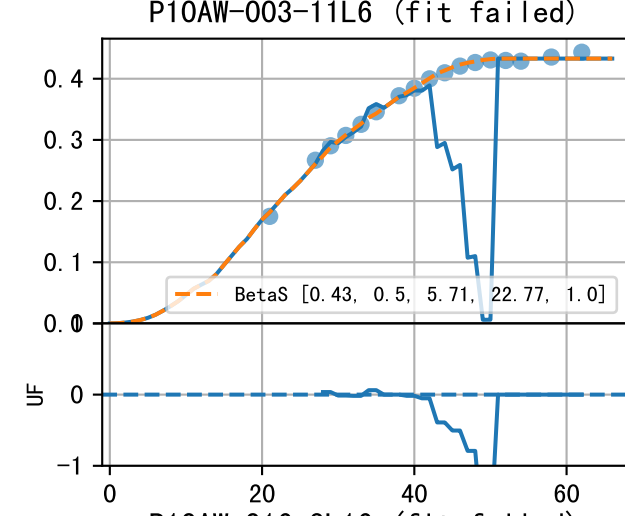
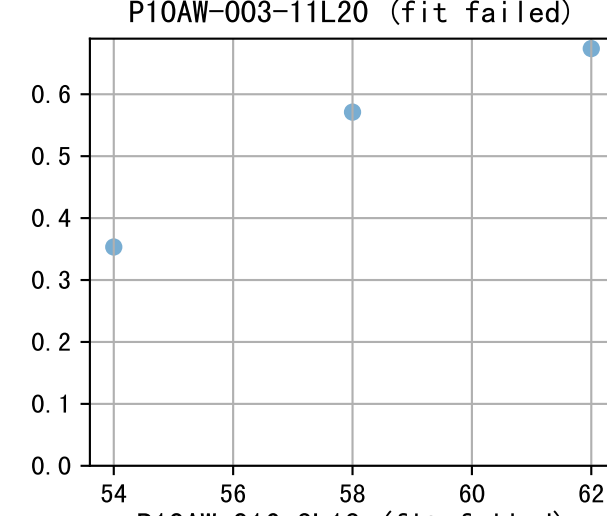
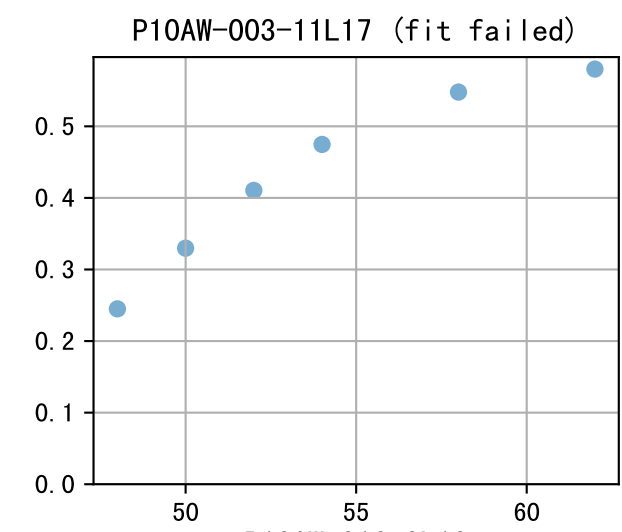
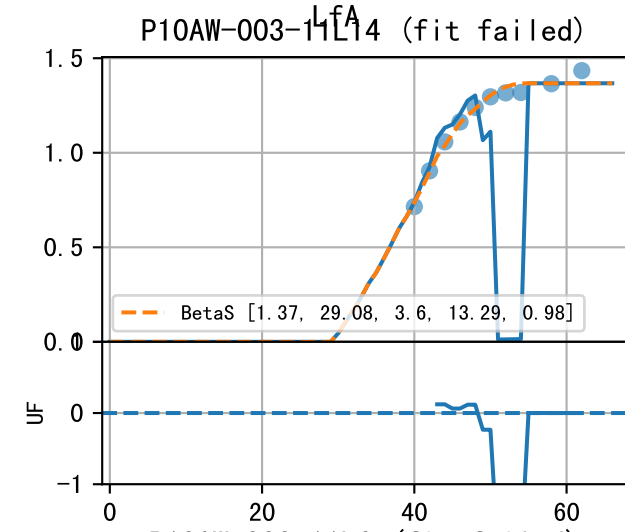
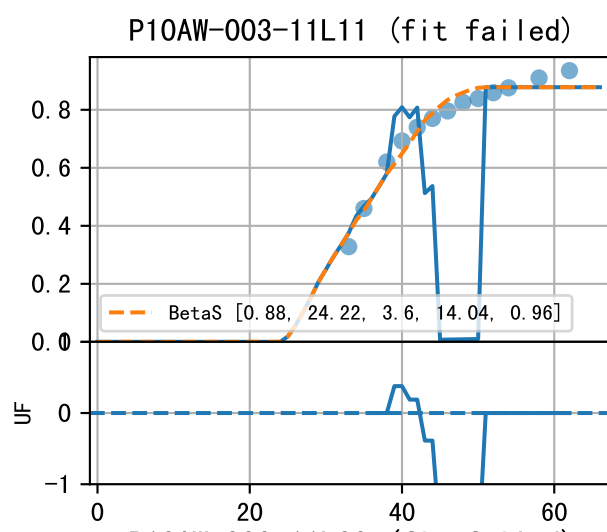


By Start Date

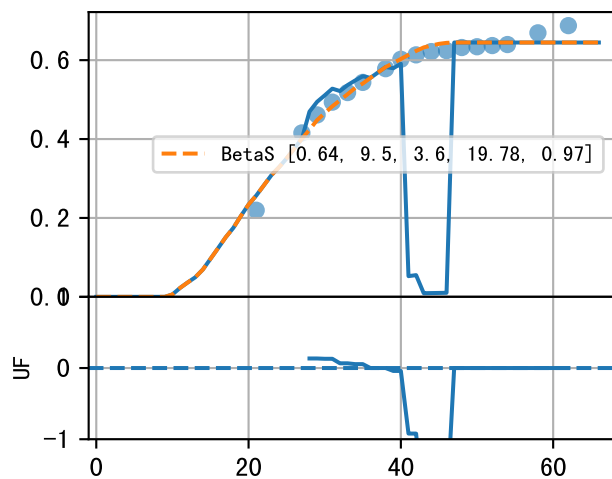


By Plant/Organ Age

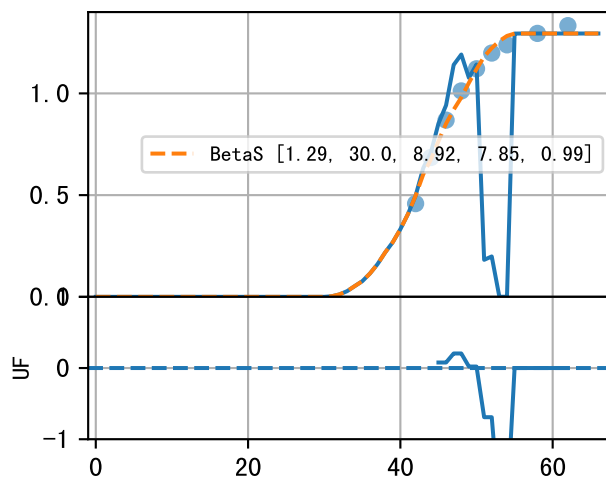




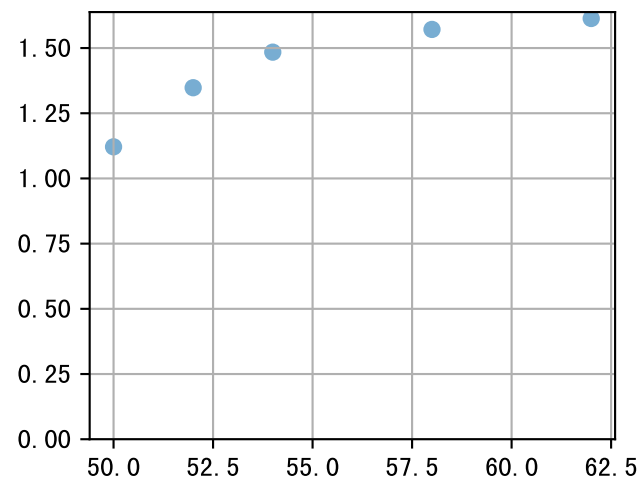
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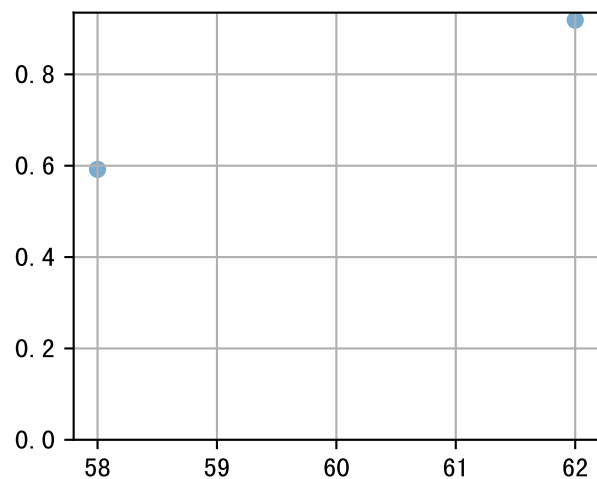
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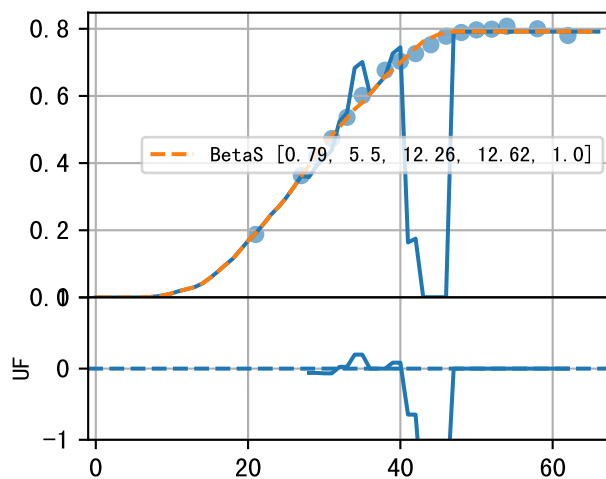
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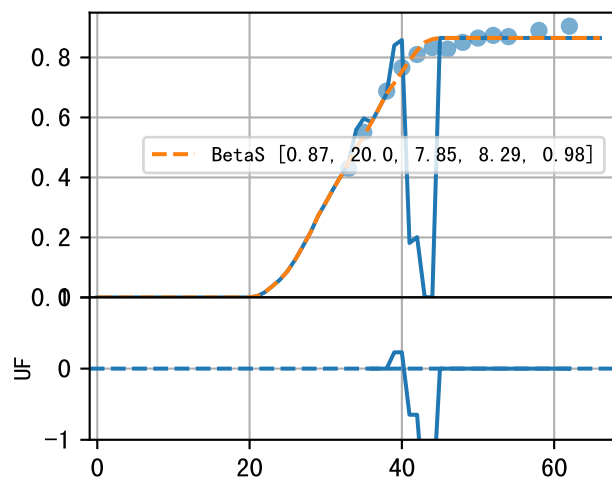
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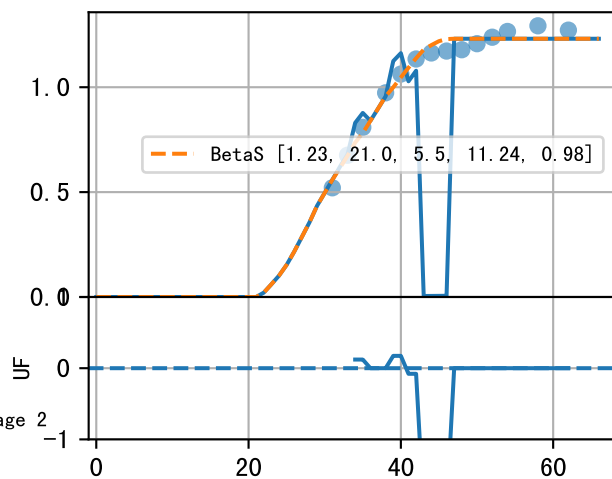
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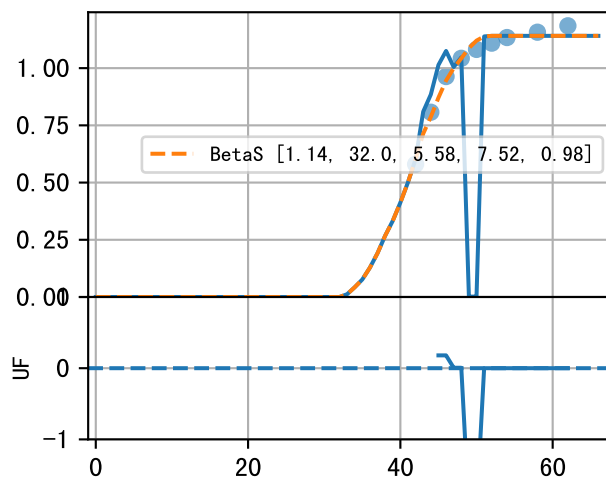
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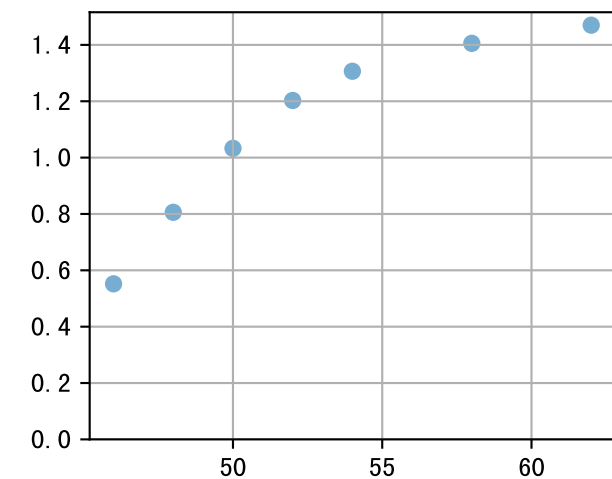
P10AW-041-24L10 (fit failed)



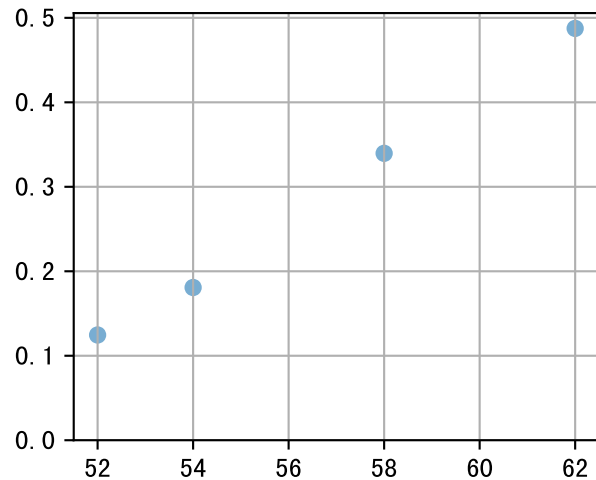
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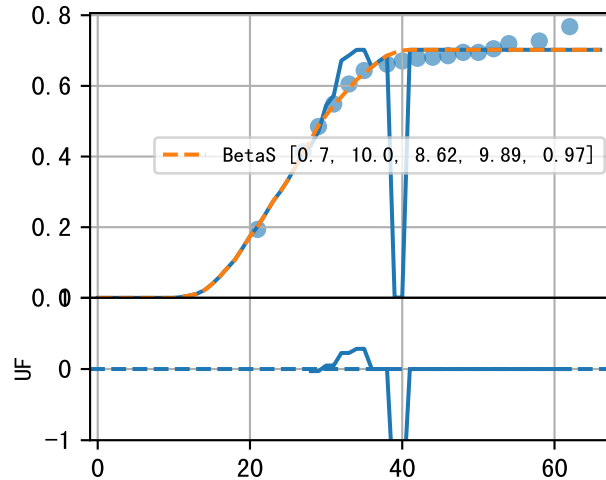
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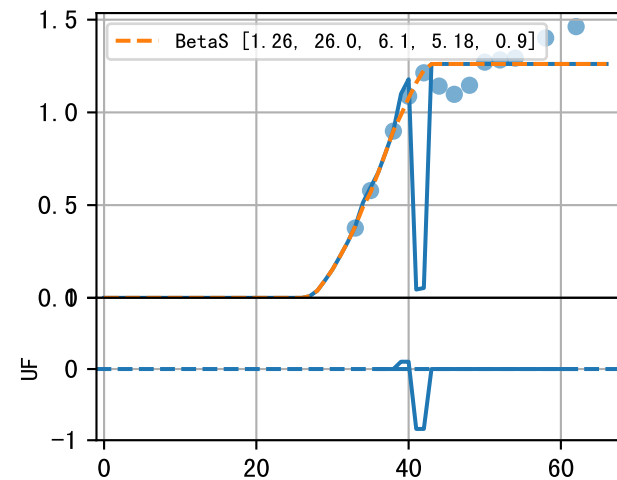
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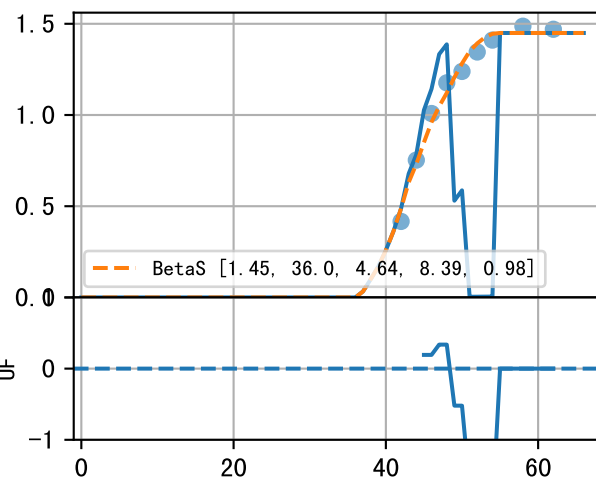
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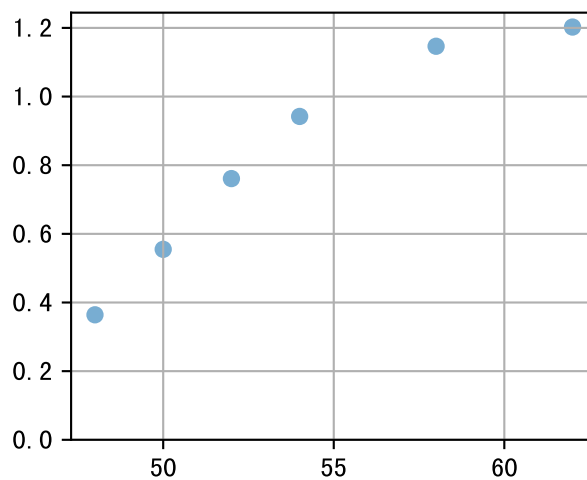
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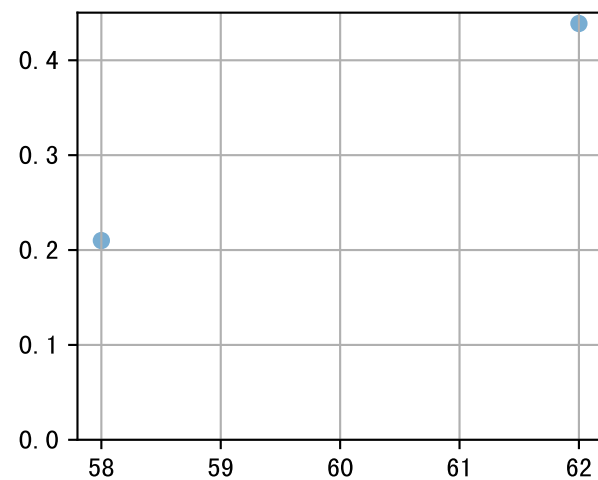
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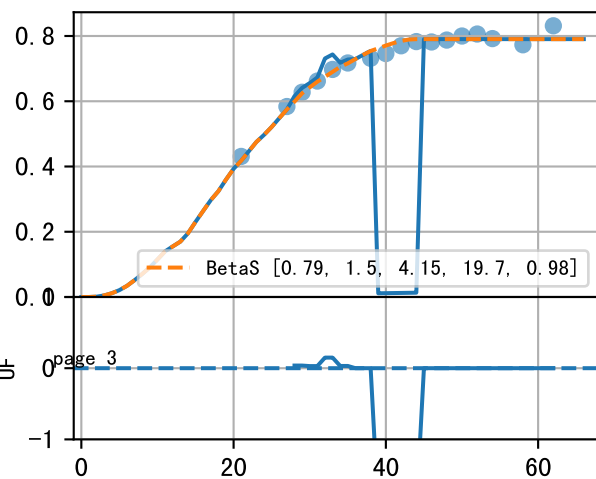
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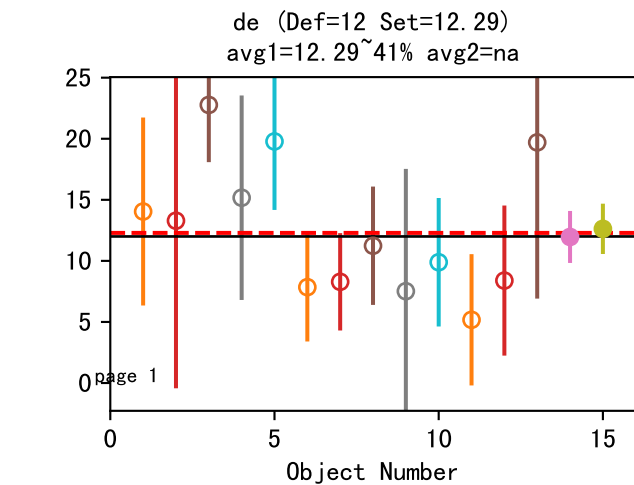
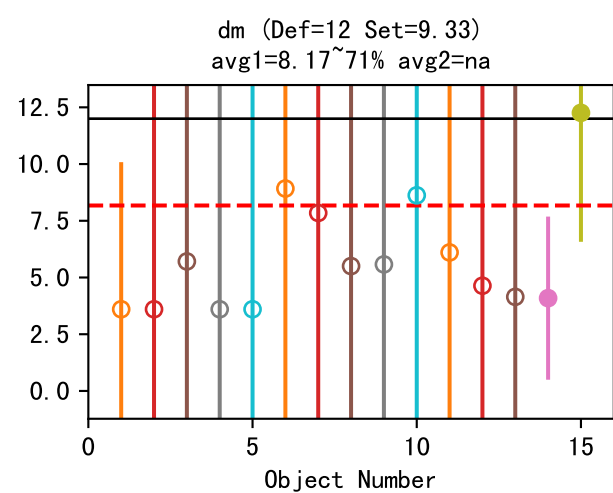
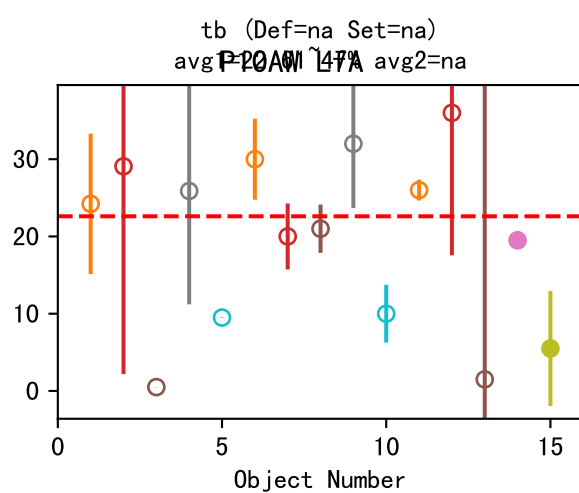
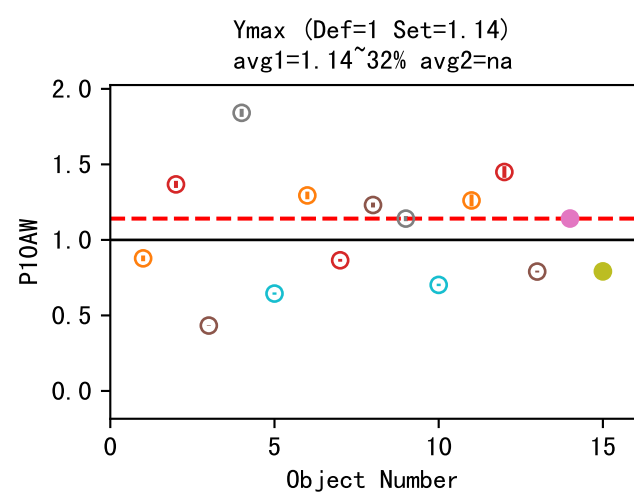


P10AW-054-10L20 (fit failed)

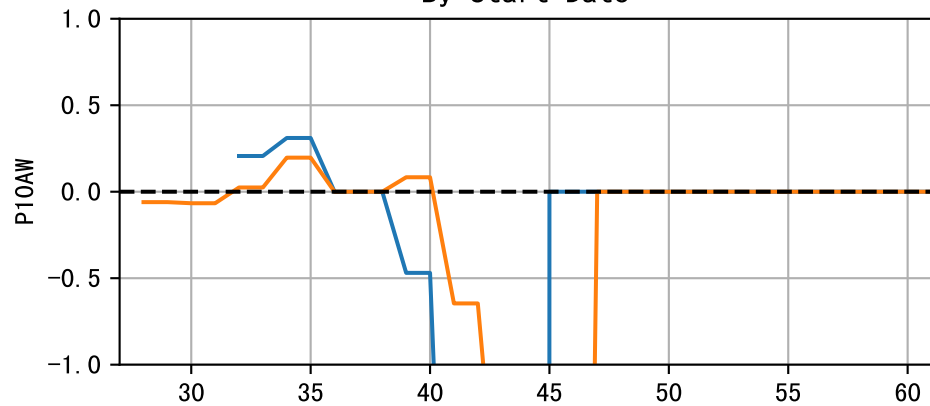


P10AW-054-10L6 (fit failed)

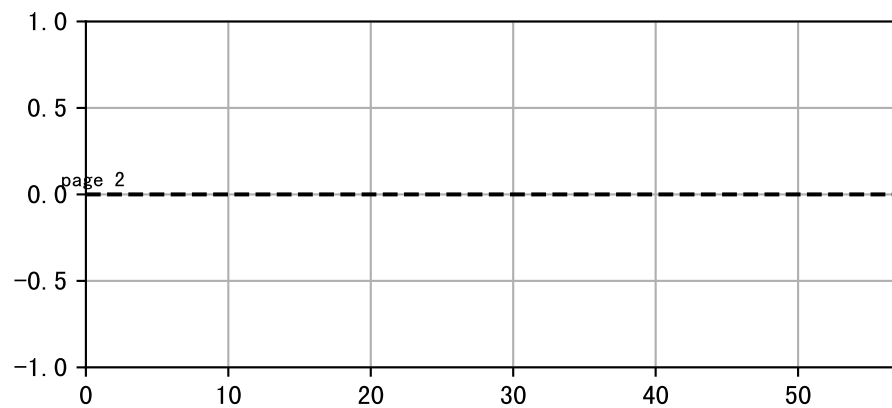
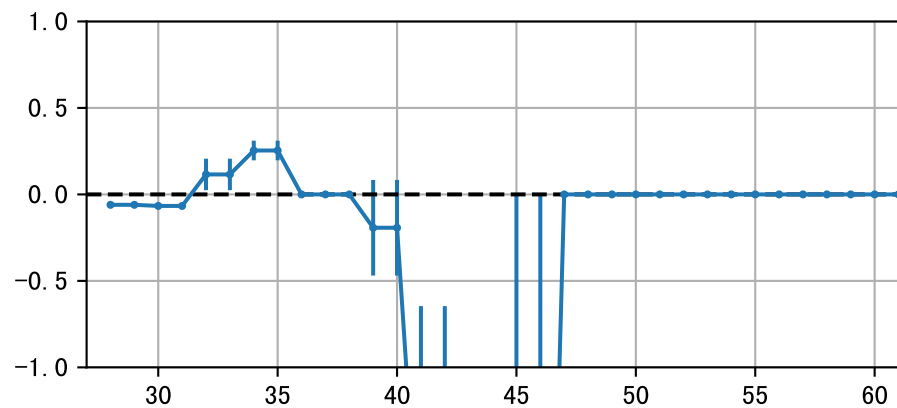
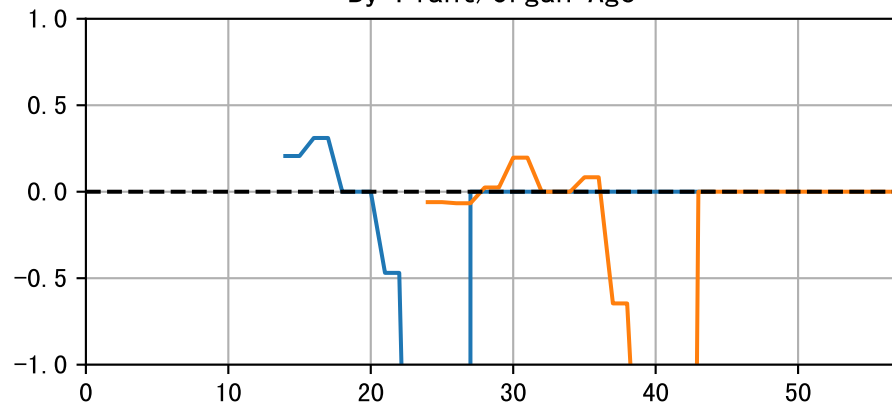


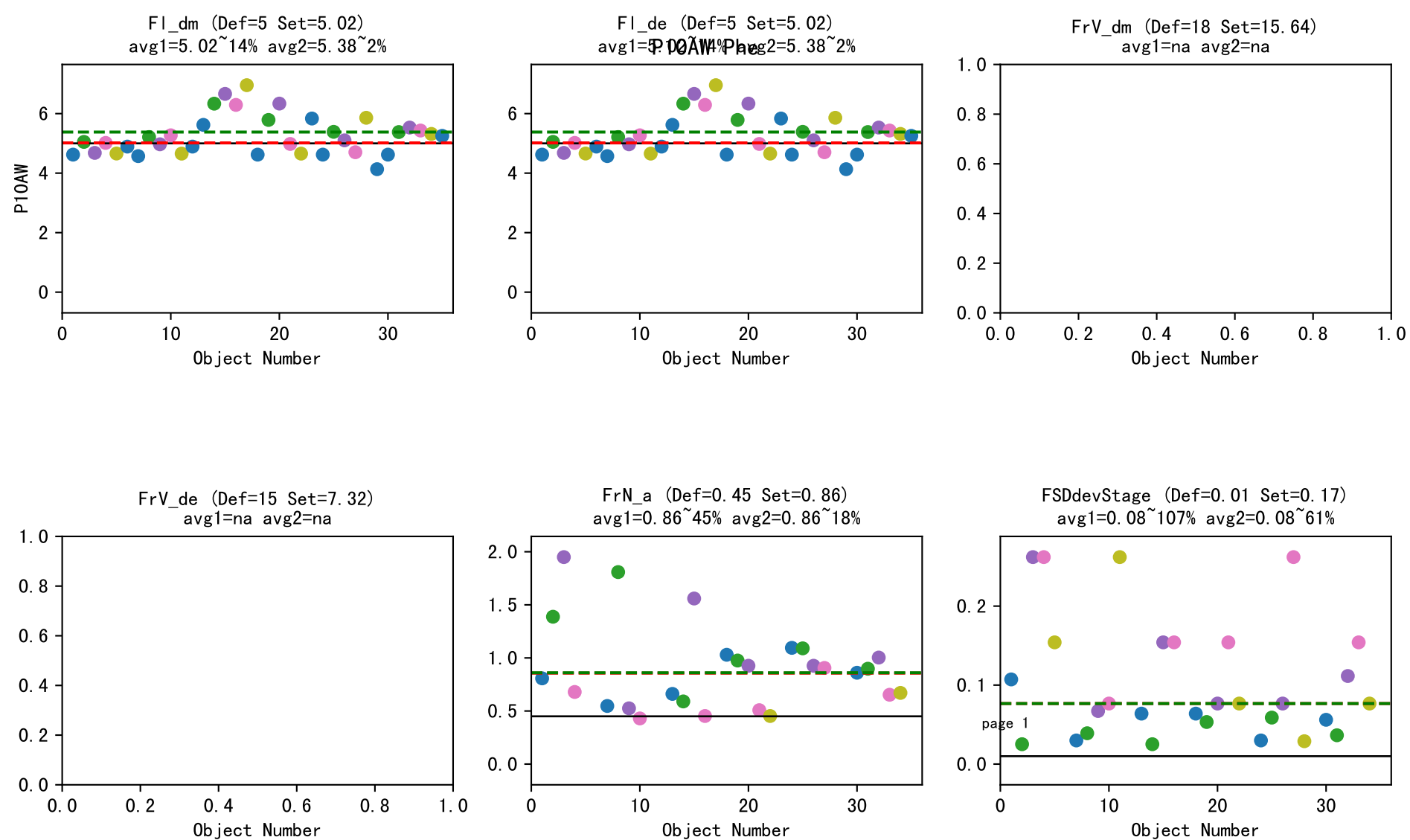


By Start Date

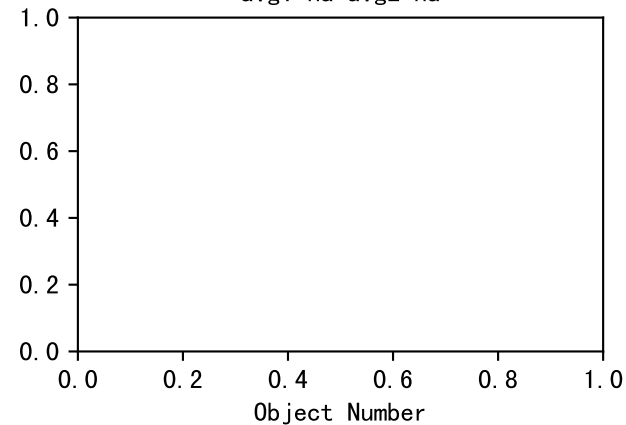


By Plant/Organ Age

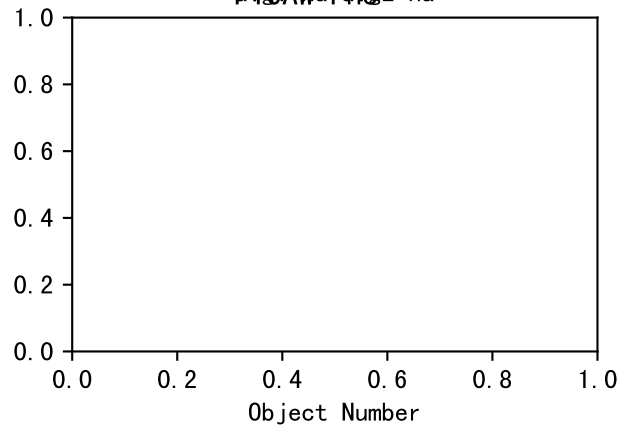




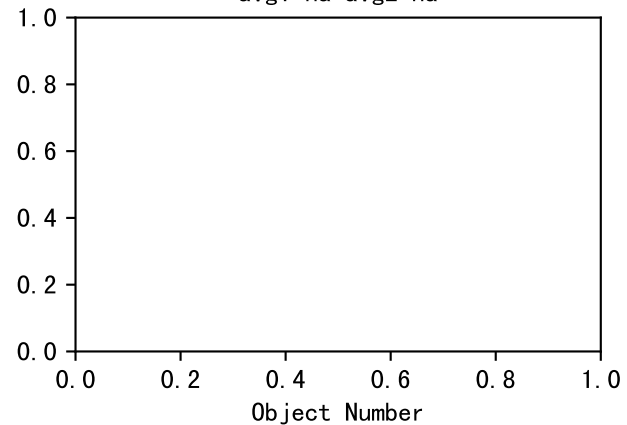
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



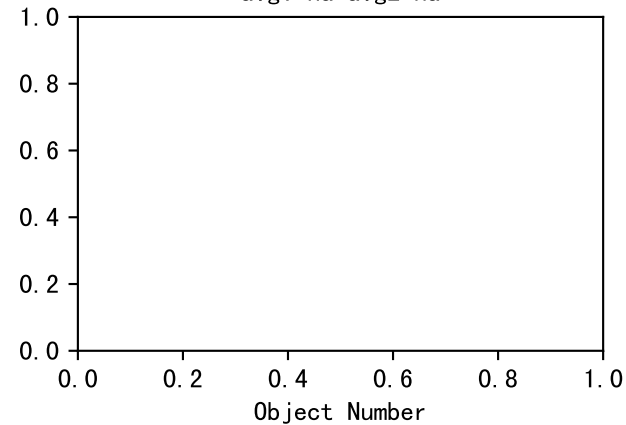
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



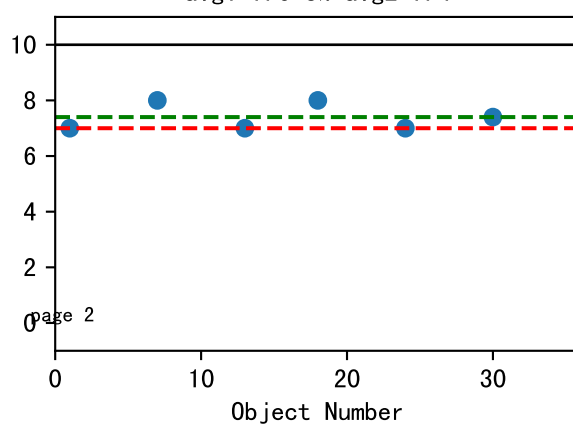
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na

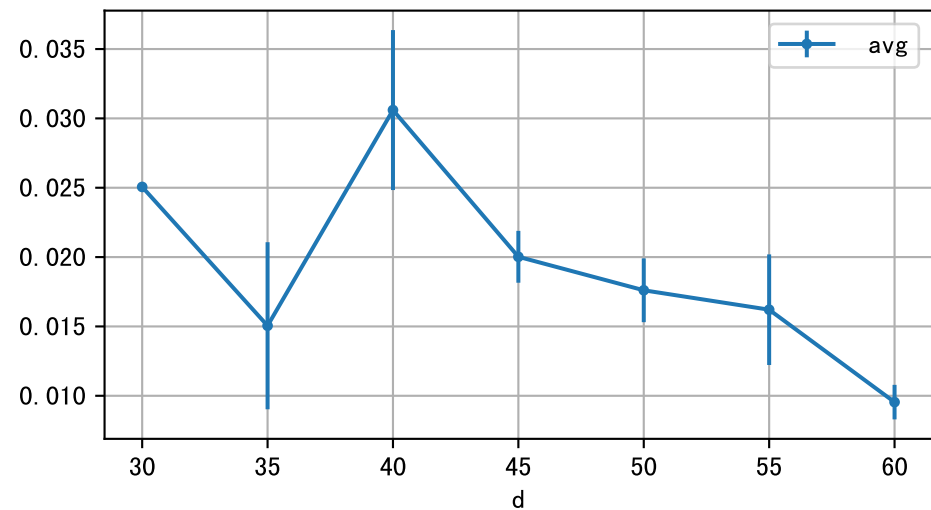


NNgen (Def=10 Set=7)
avg1=7.0~8% avg2=7.4

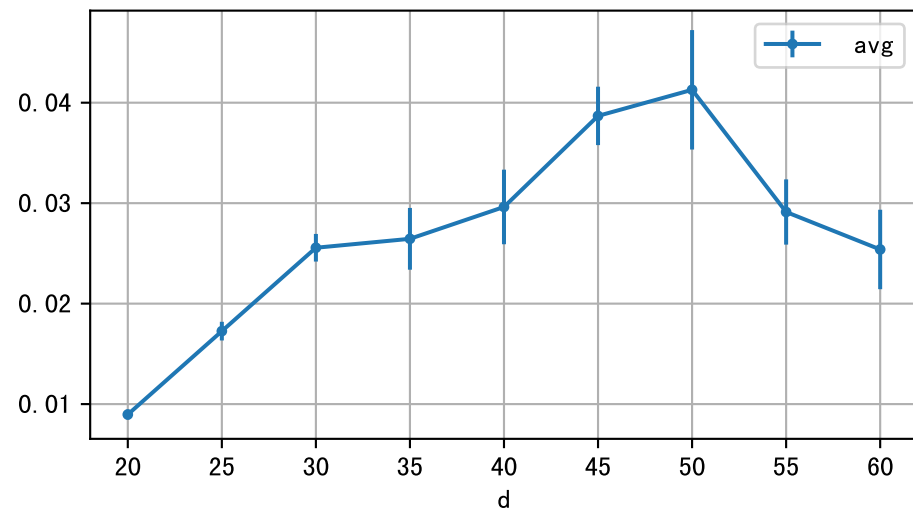


LfA: avg vs. d at each age group

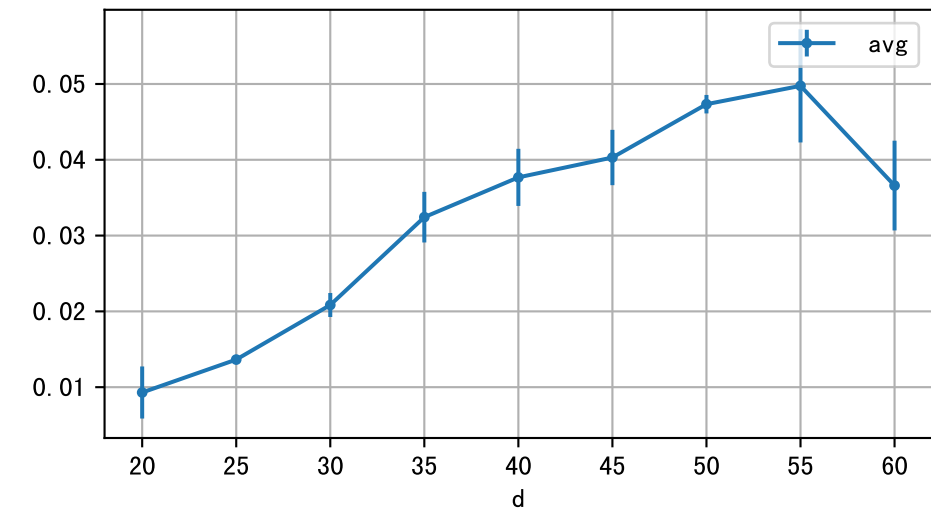
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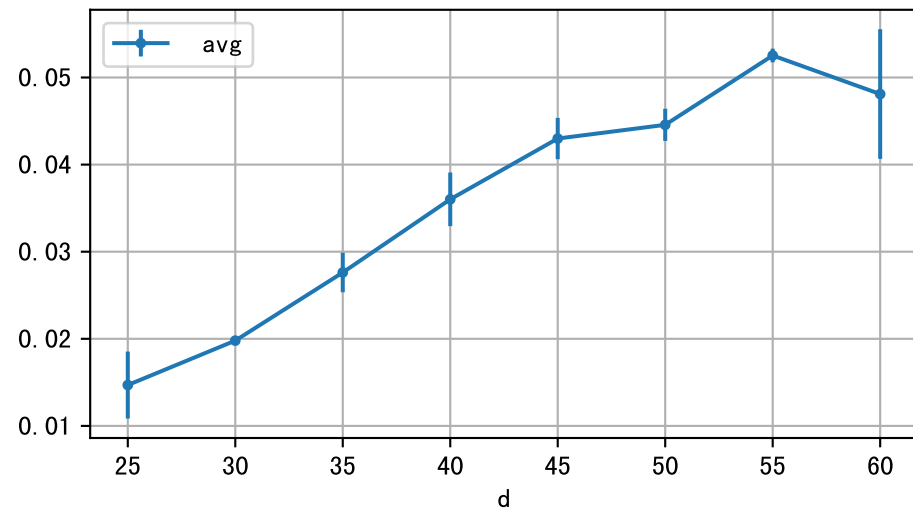
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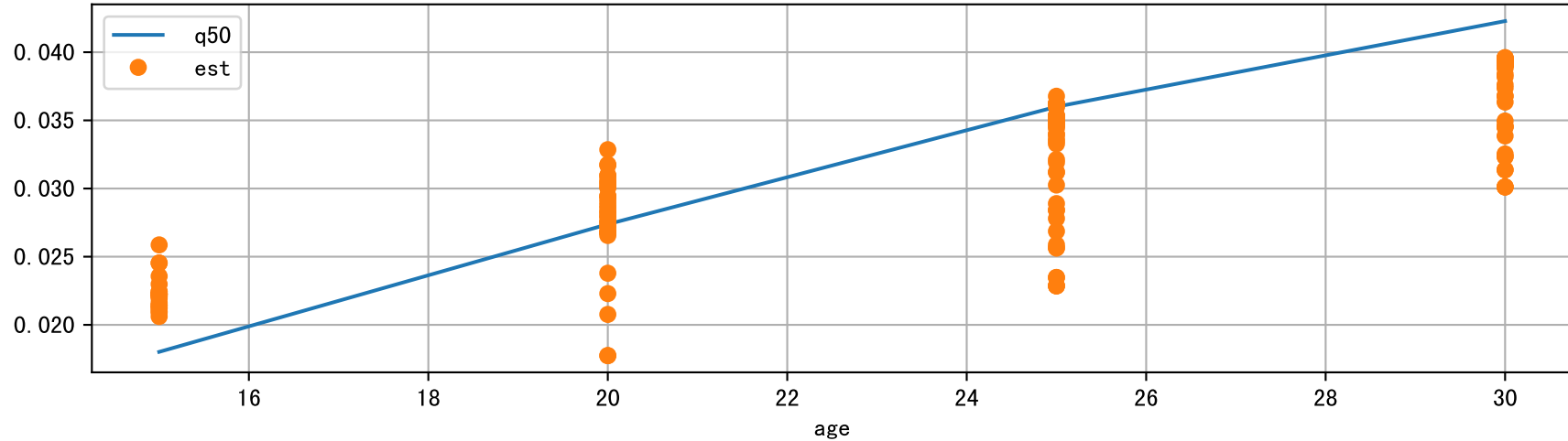


age=25



age=30



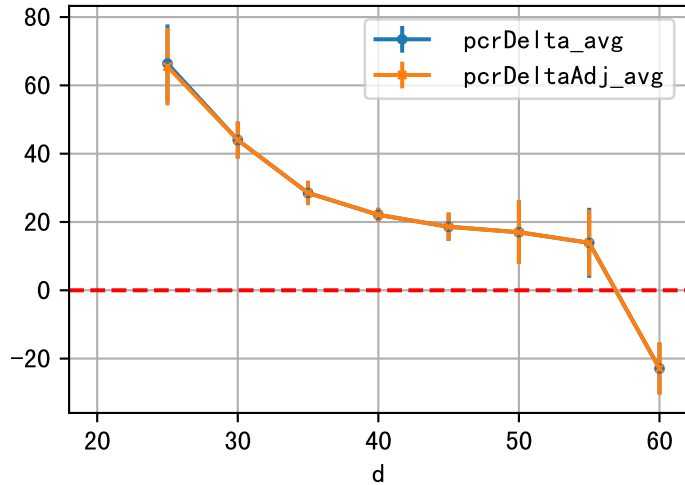
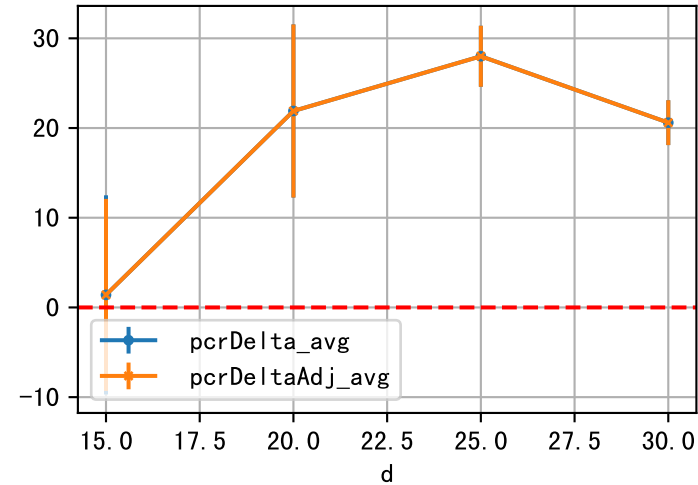


P10AW LfA: D_5d_LfA

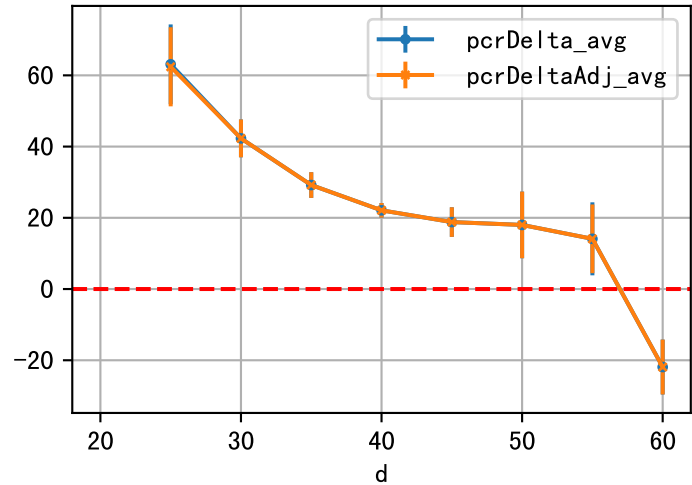
DeltaTypeAbbr=GrpByAge

DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD



page 3

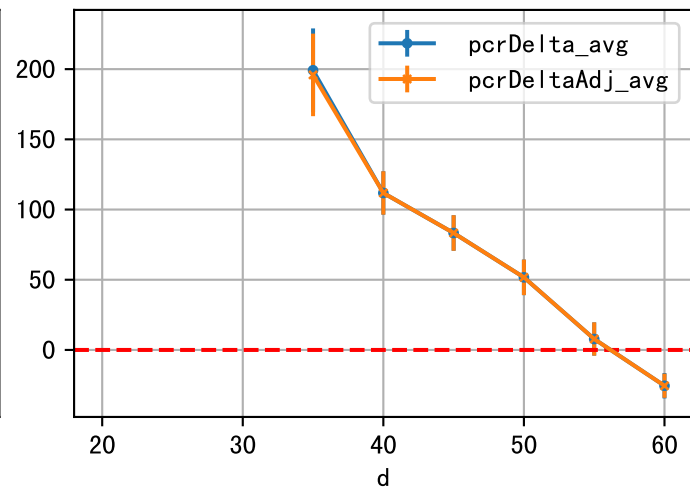
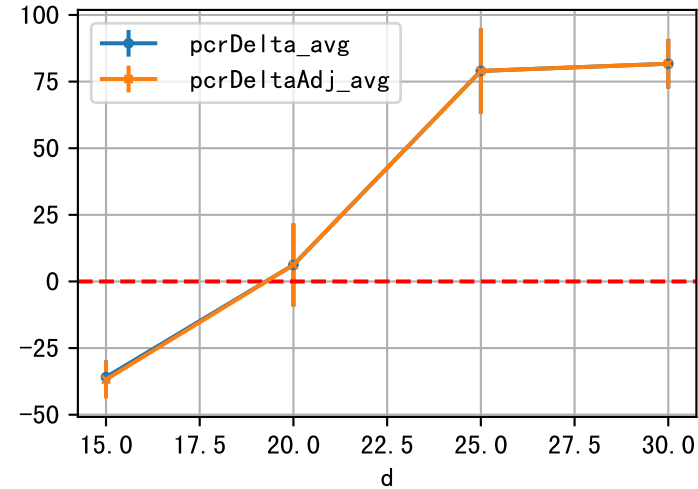


P10AW LfA: D_15d_LfA

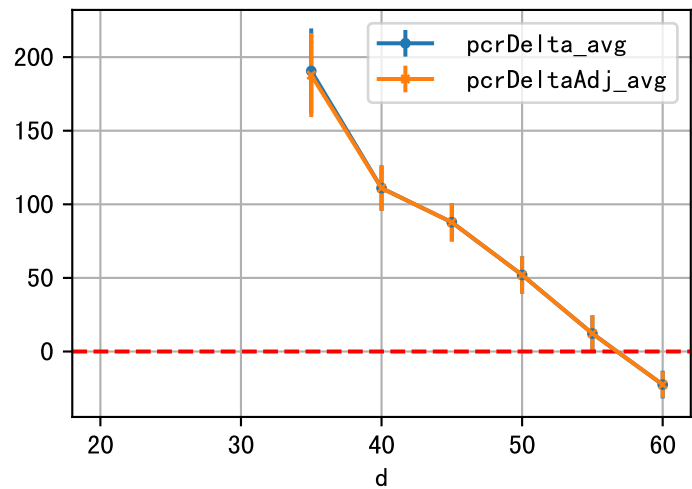
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DeltaTypeAbbr=GrpByDay

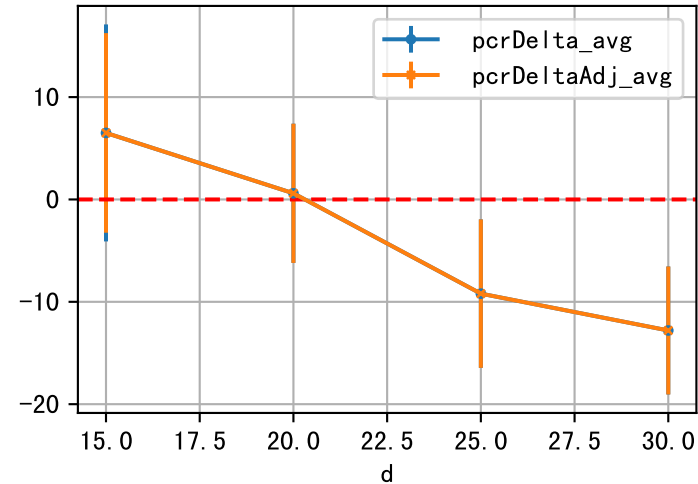
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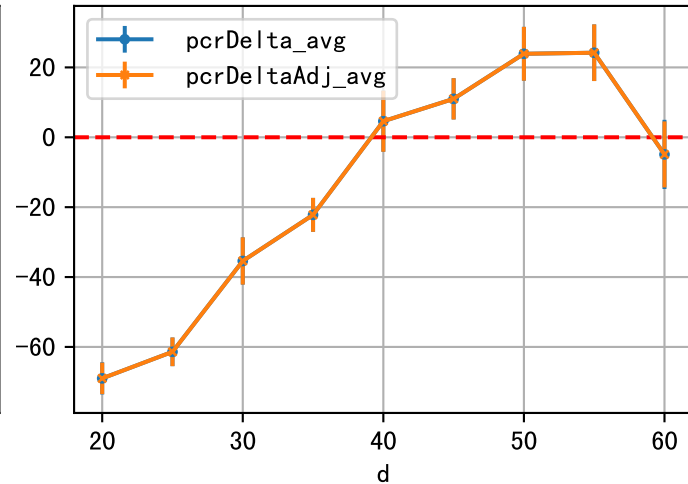
page 4



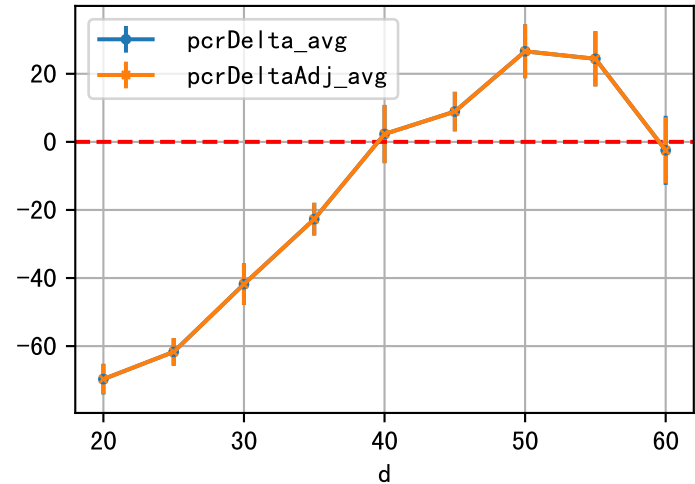
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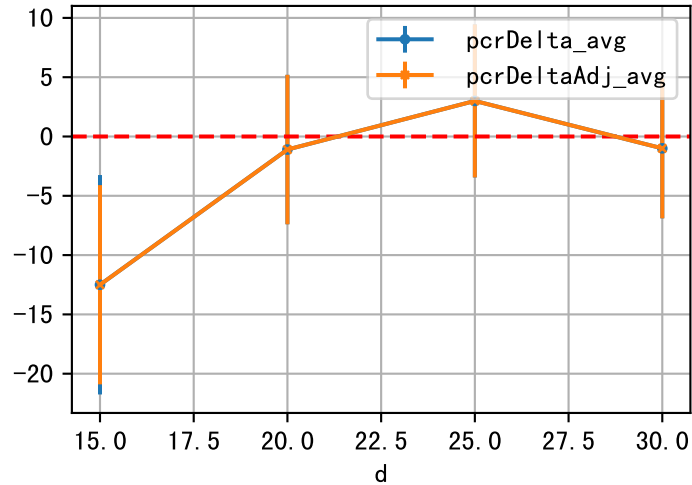
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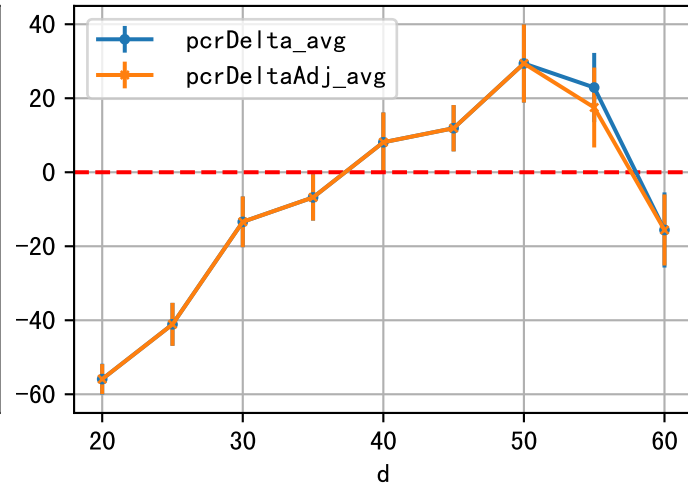
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DeltaTypeAbbr=GrpByAge

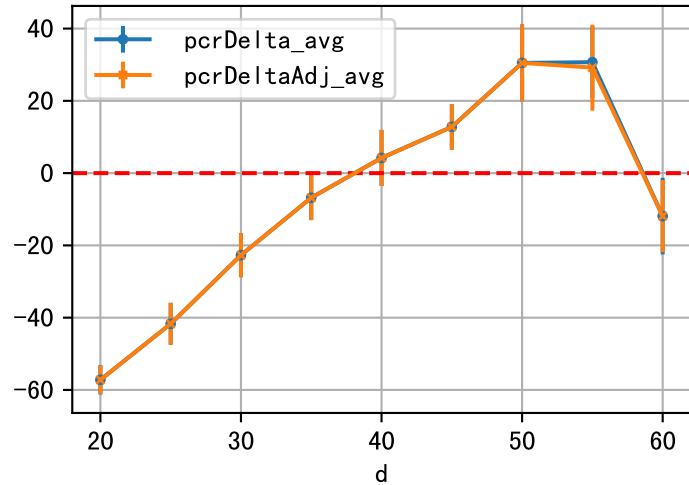


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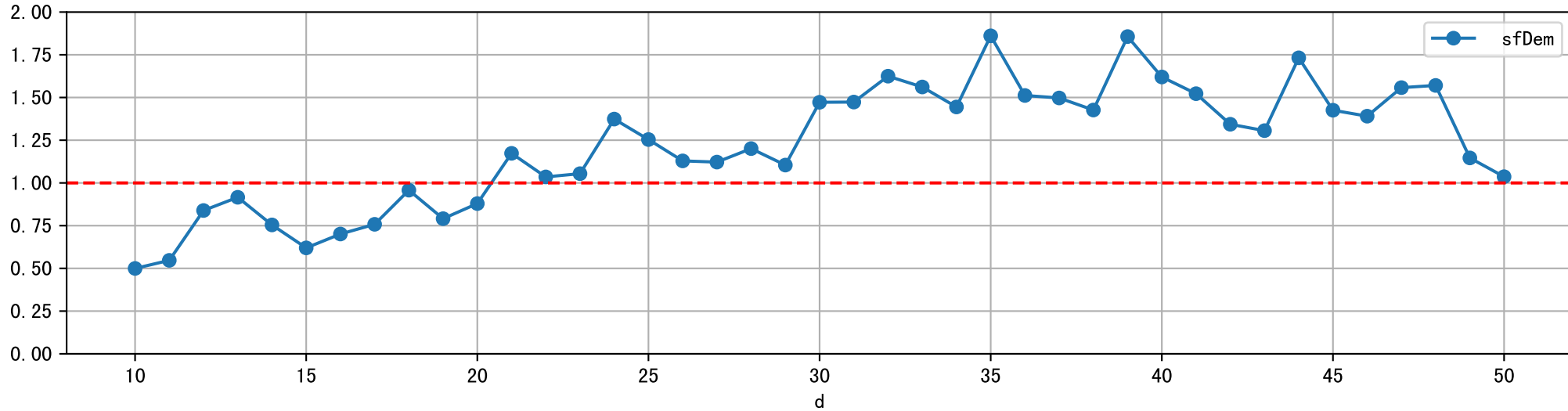


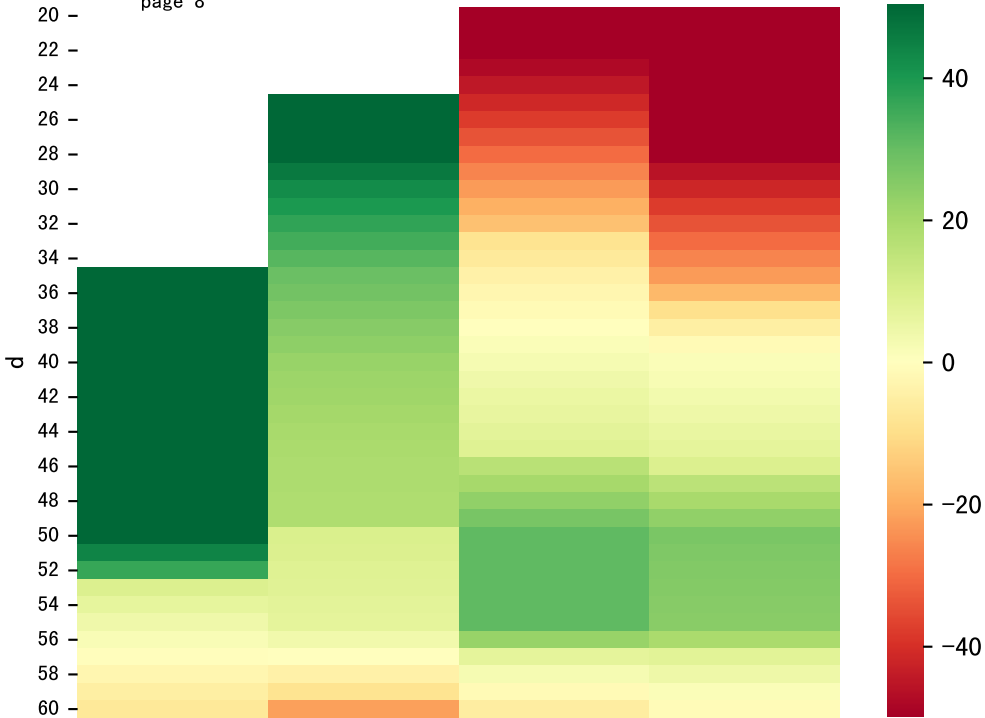
page 6

DeltaTypeAbbr=WeiAvgByD

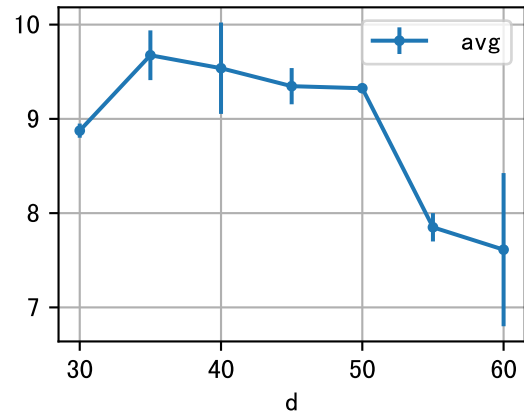


LfA: sfDem

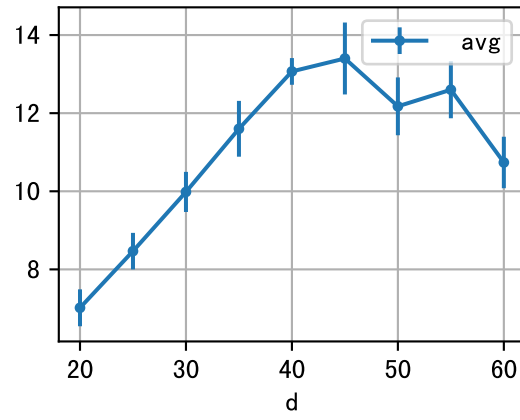




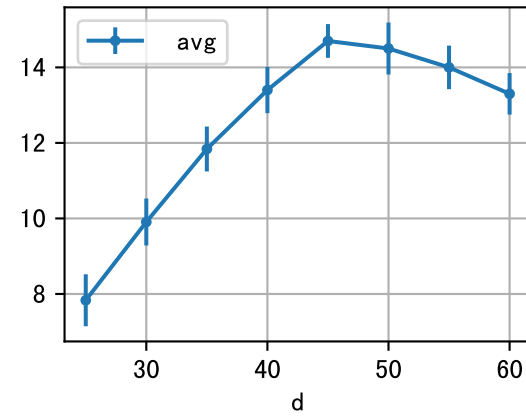
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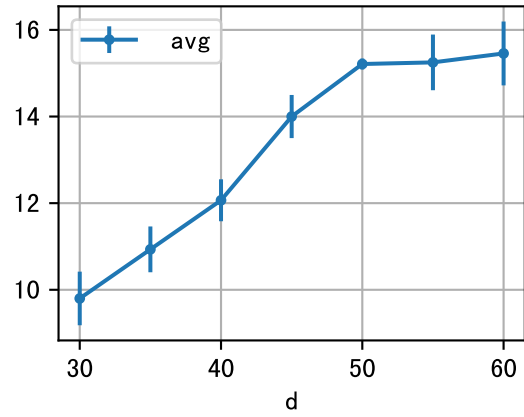
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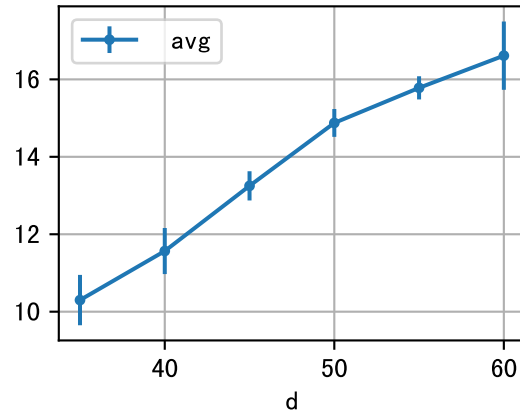
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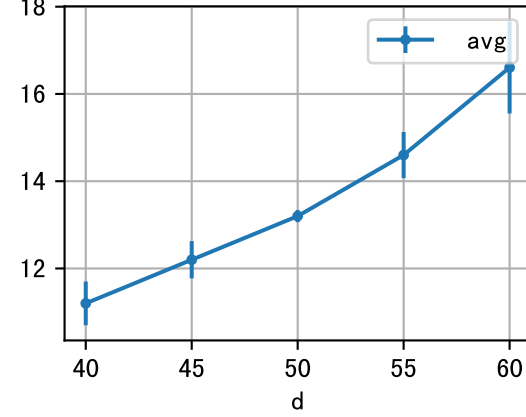
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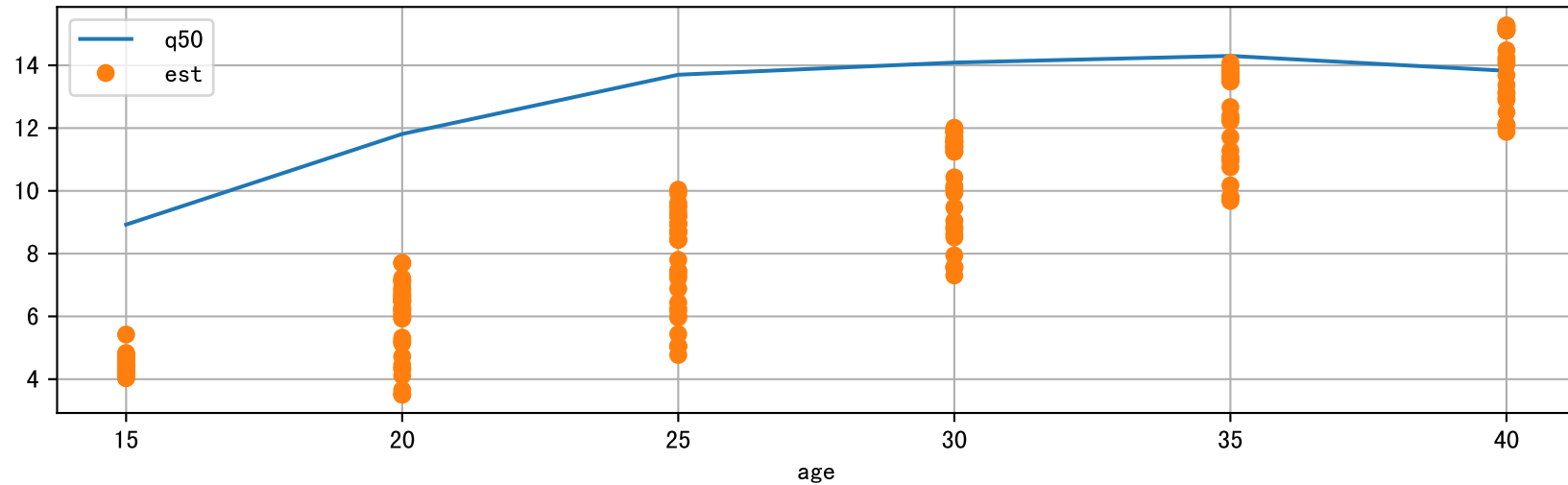
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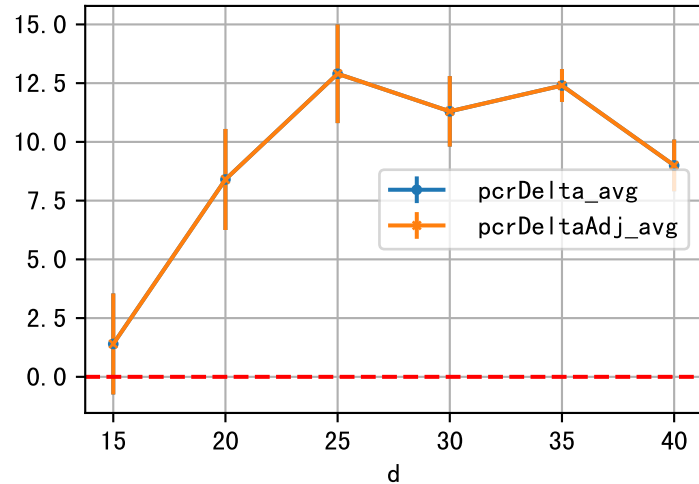
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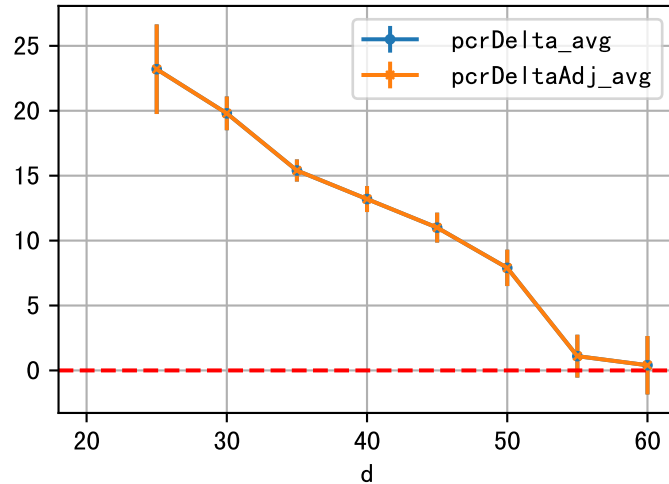
NdD: model est vs obs0v@Q50



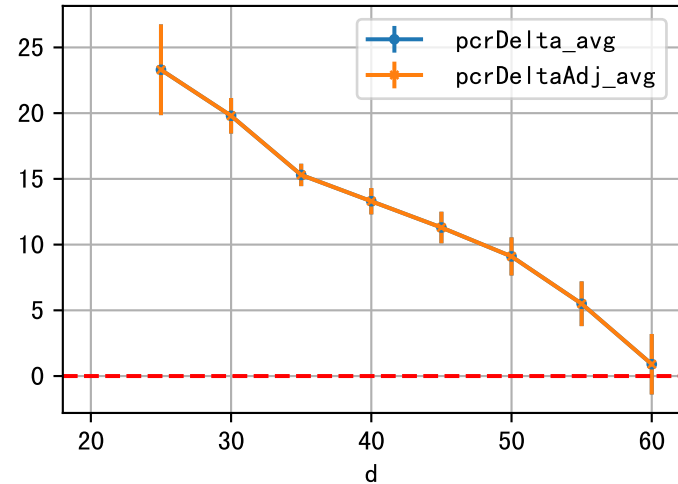
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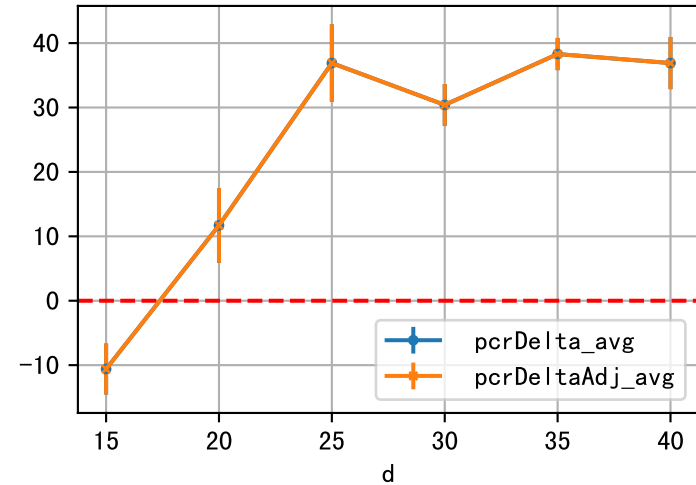
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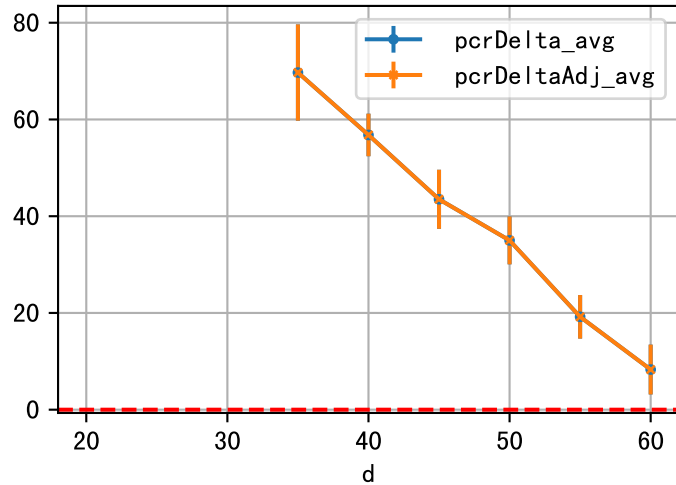
DeltaTypeAbbr=Wei AvgByD



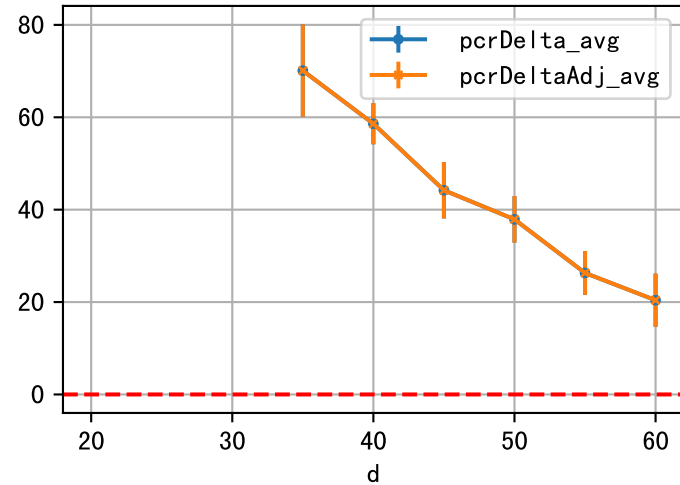
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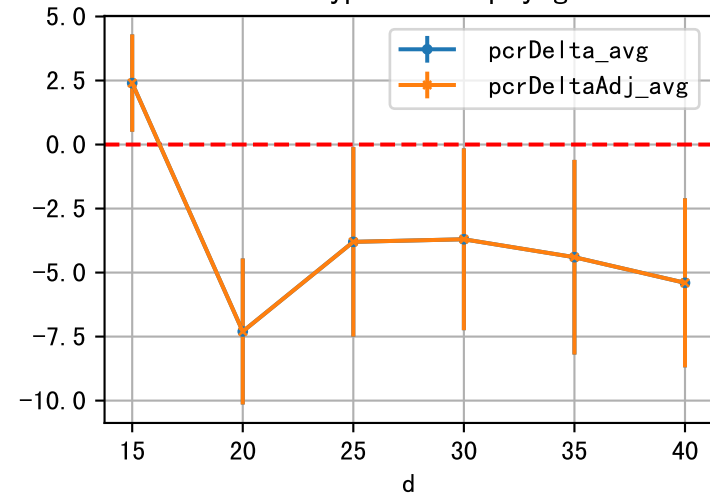
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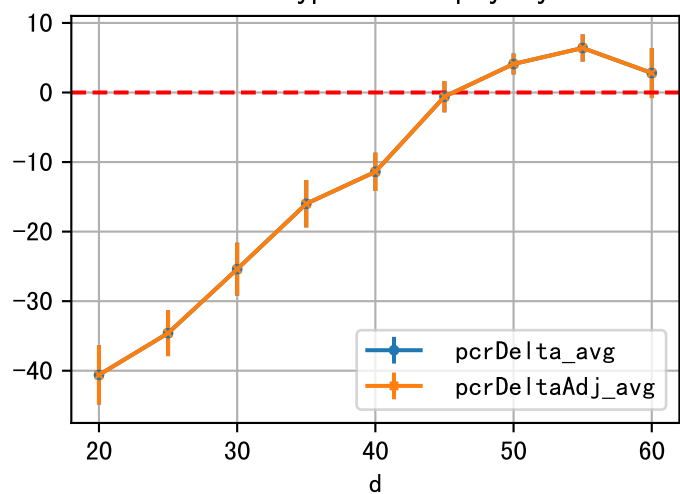
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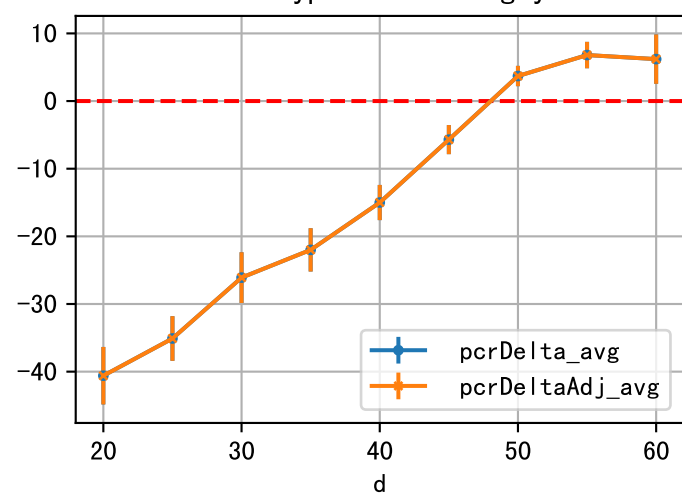
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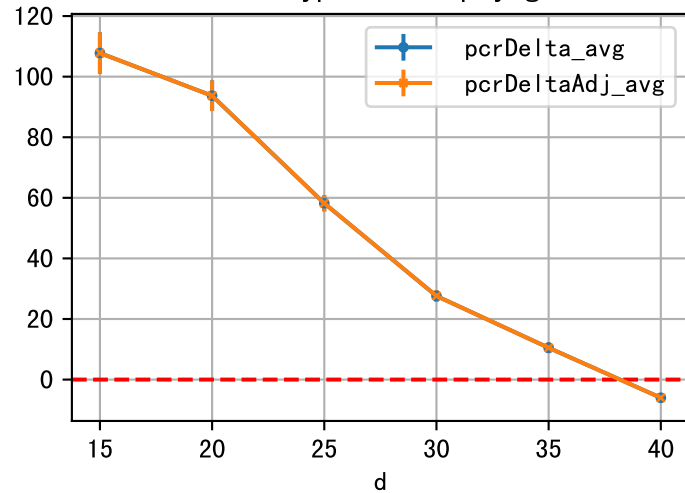
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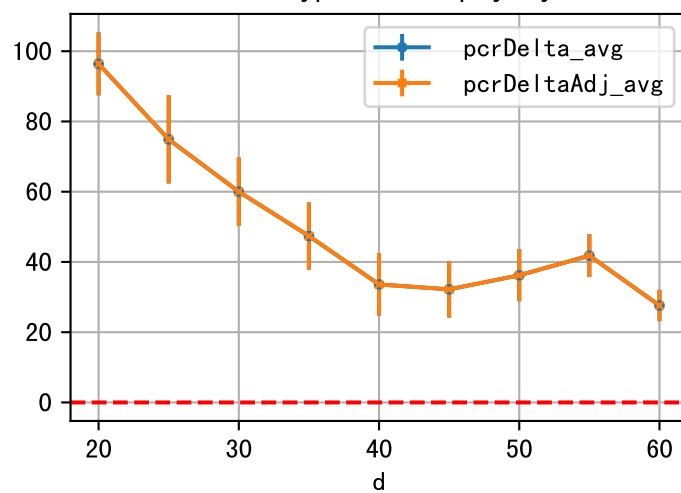
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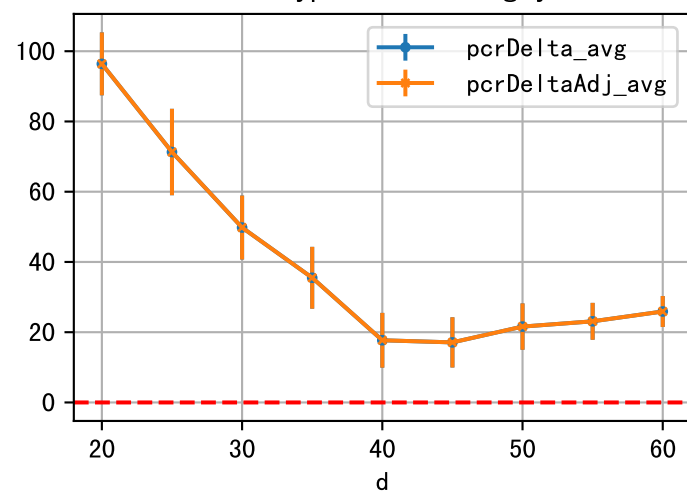
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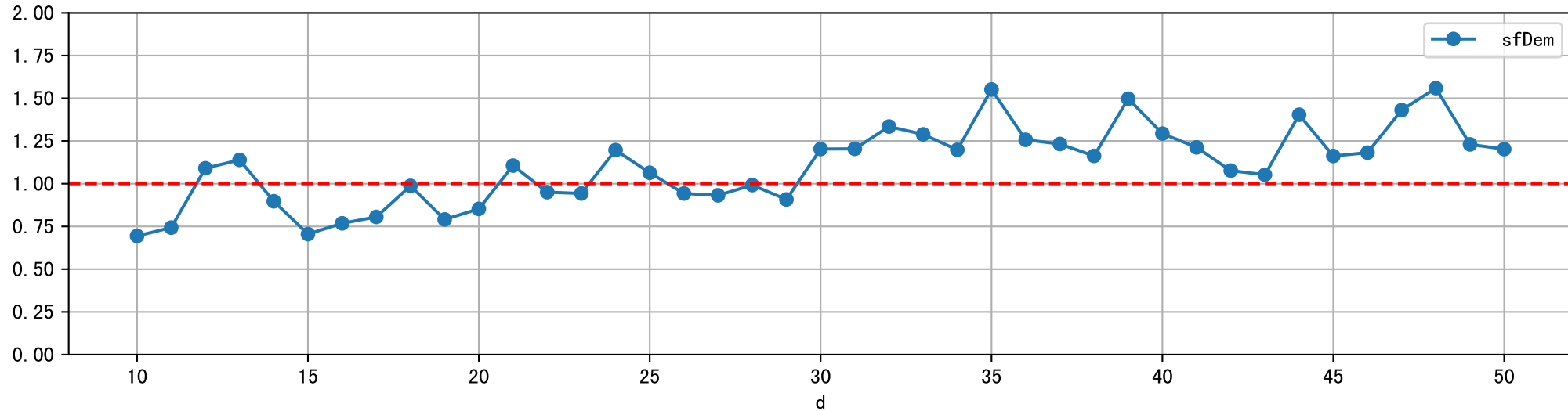
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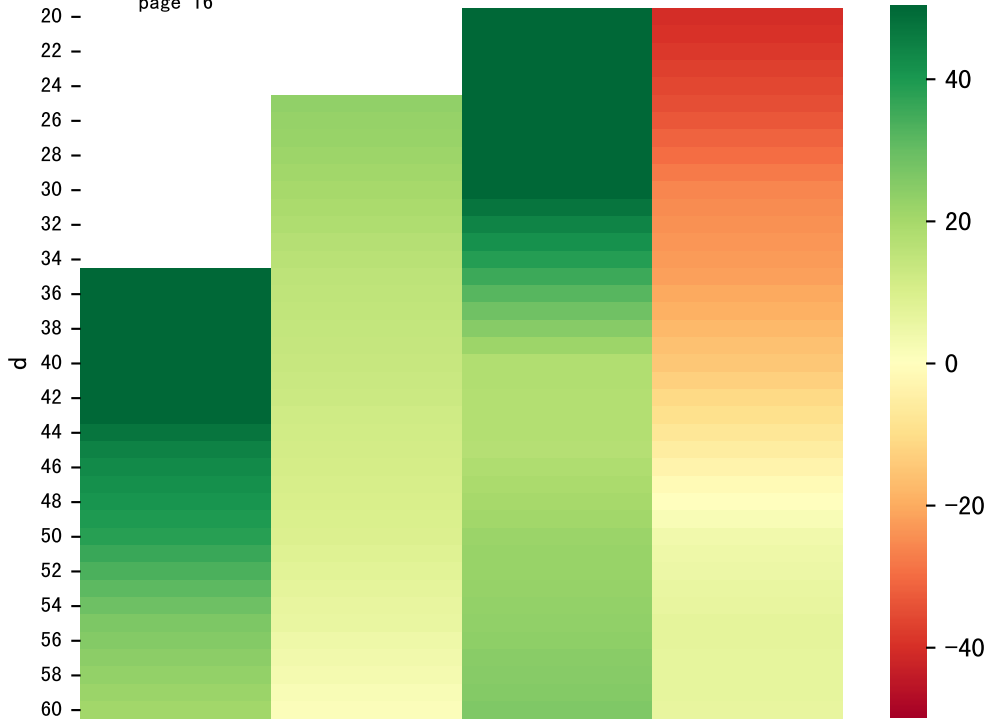


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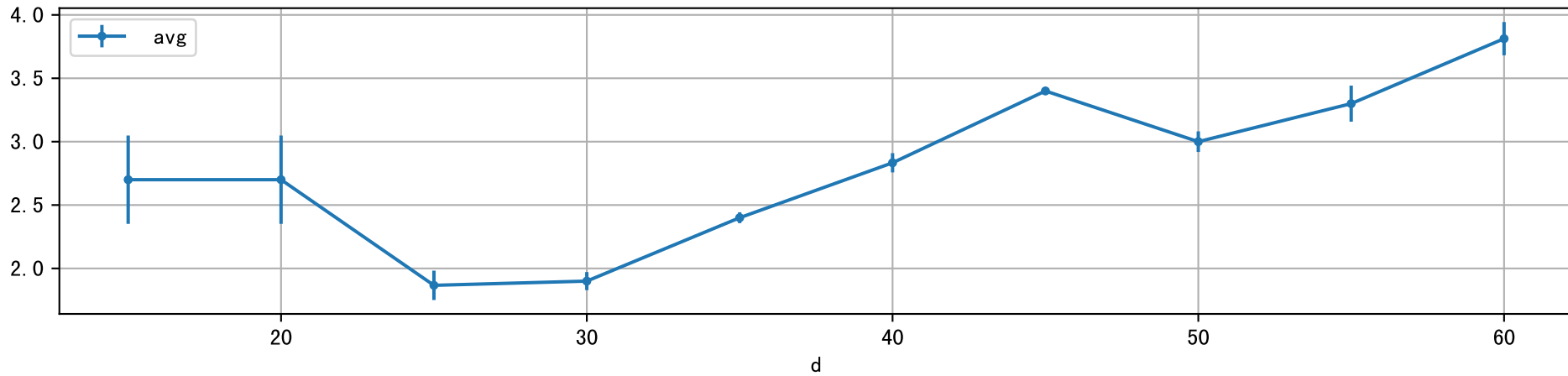


NdD: sfDem

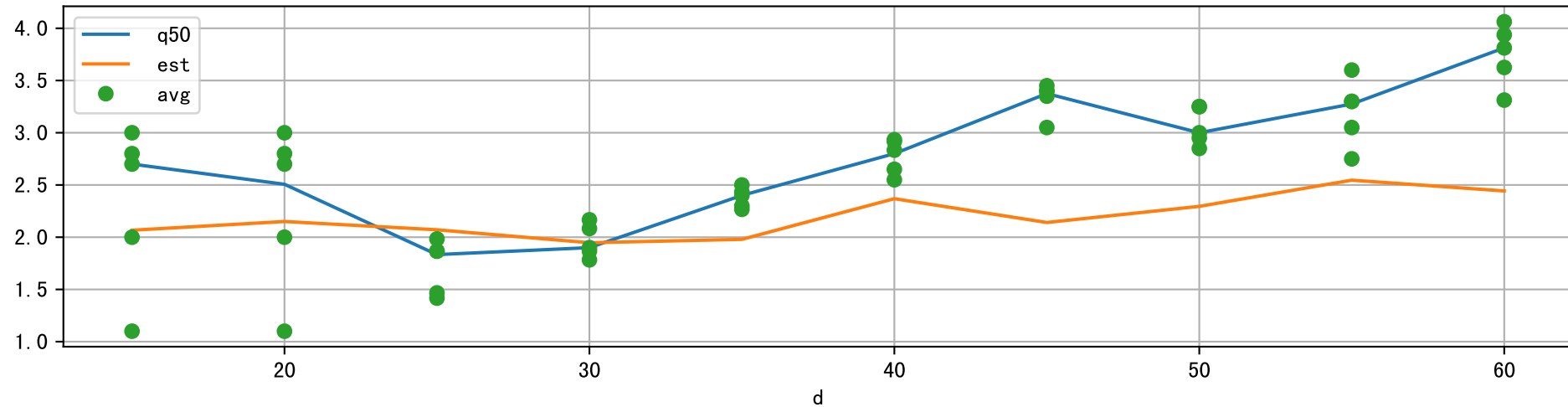




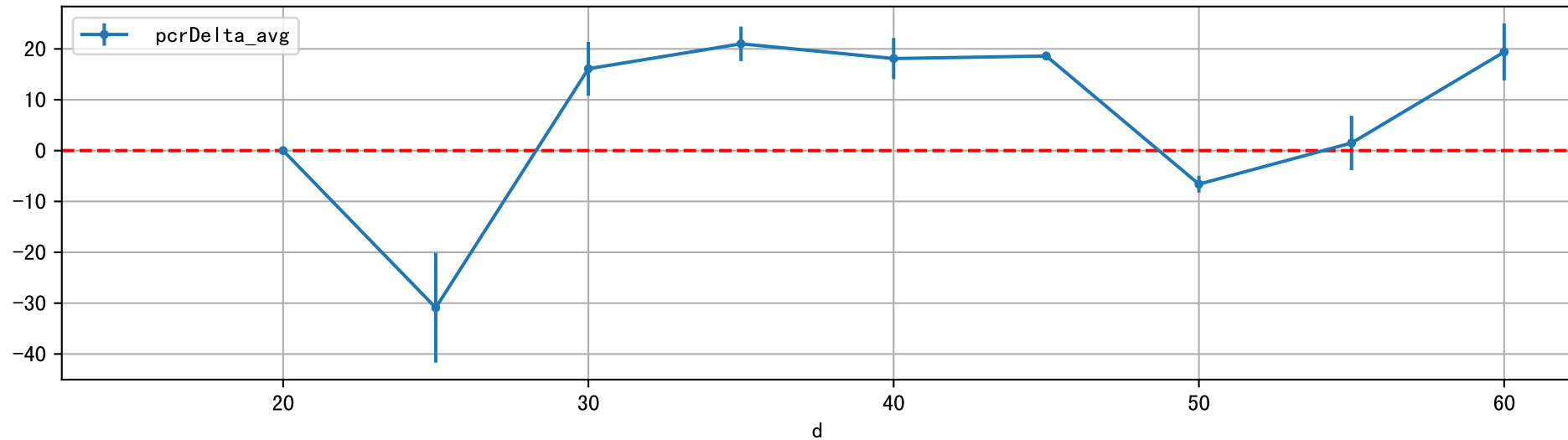
dStH: avg vs. d



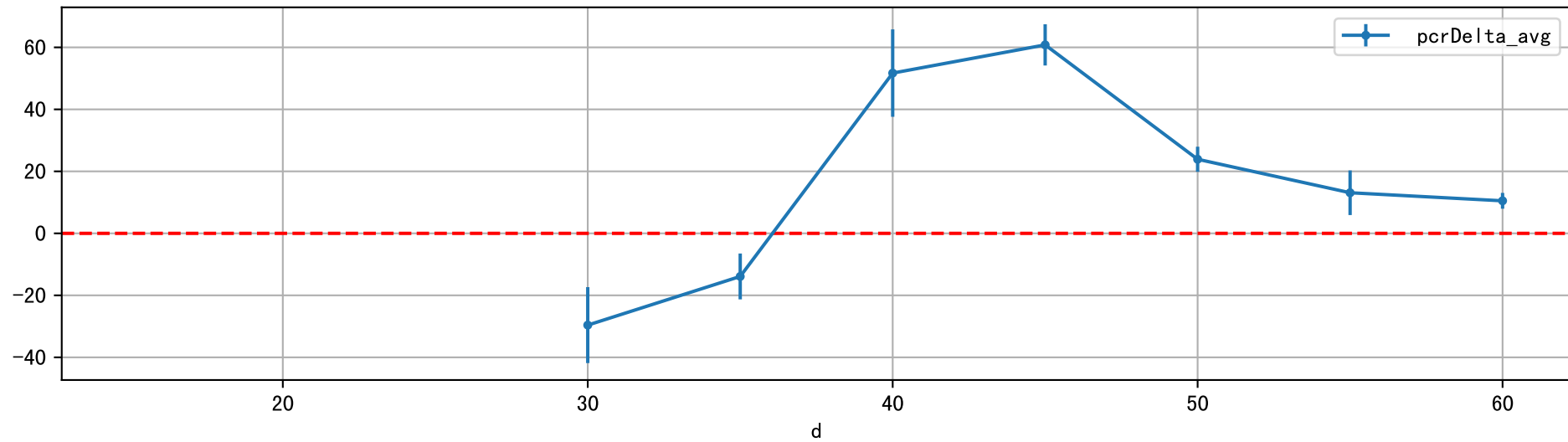
dStH: obsAvg vs obs0v@Q50



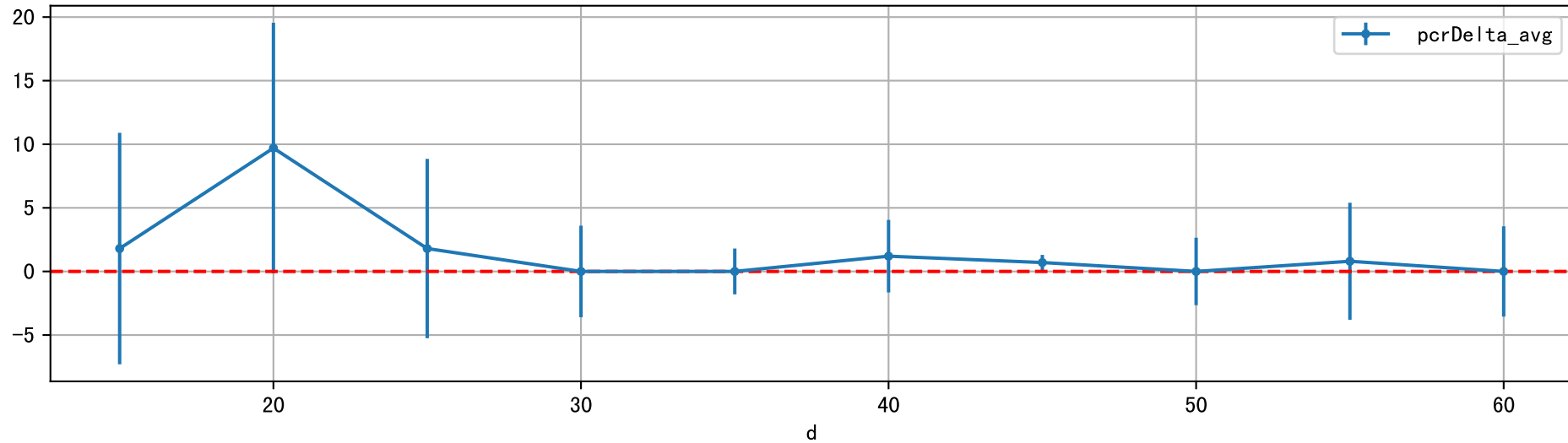
dStH: D_5d_StH



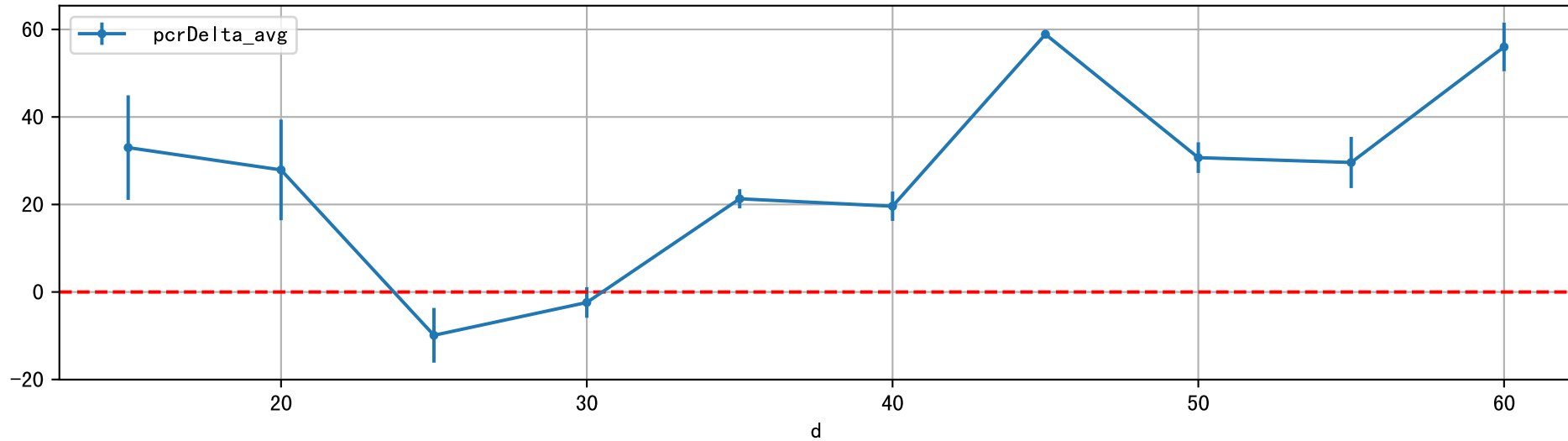
dStH: D_15d_StH



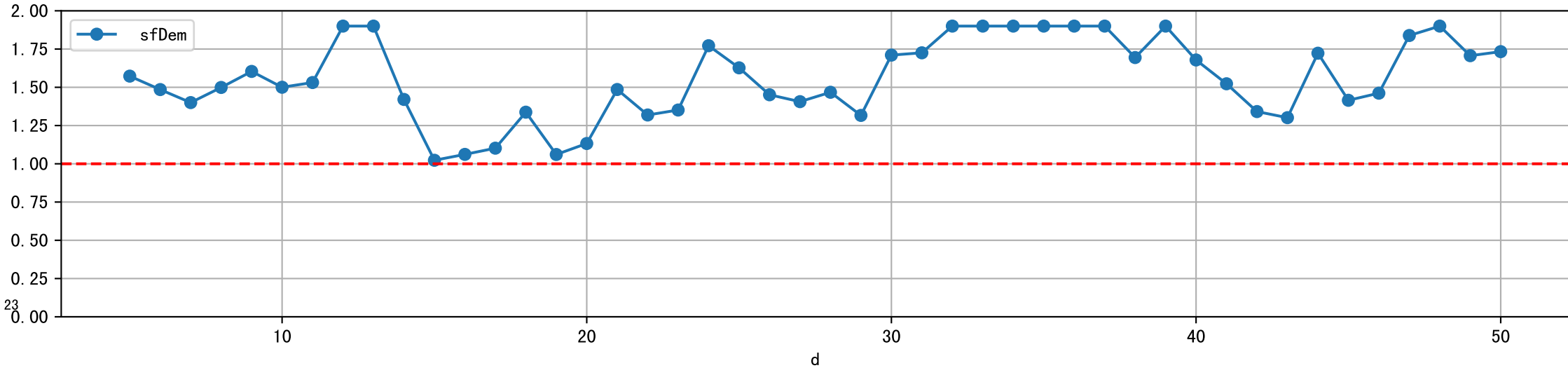
dStH: D_Q50_StH

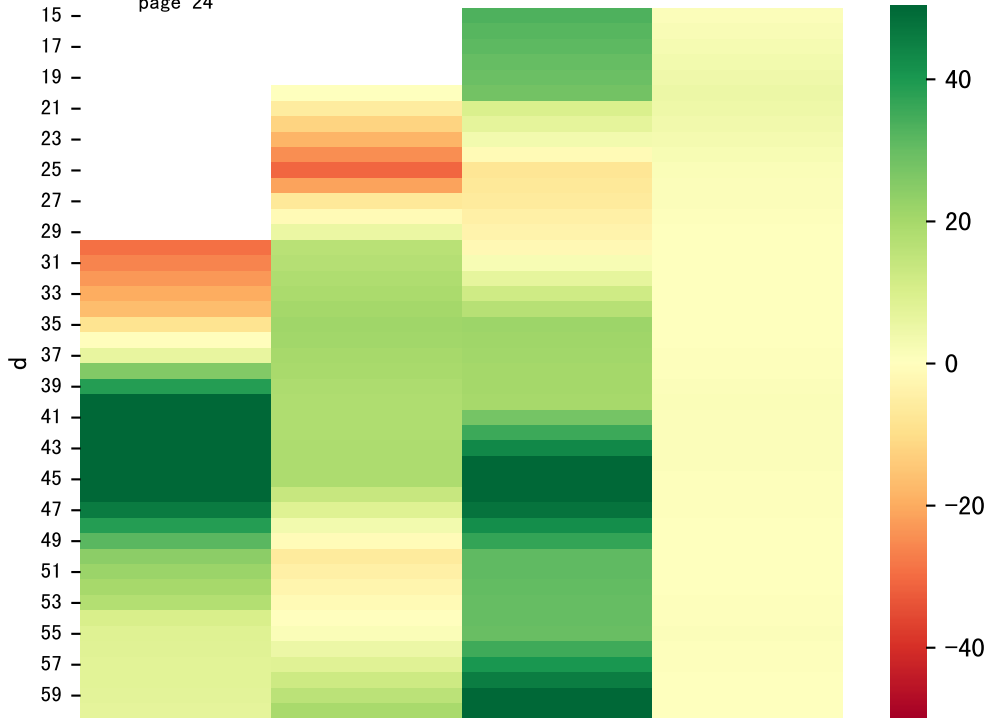


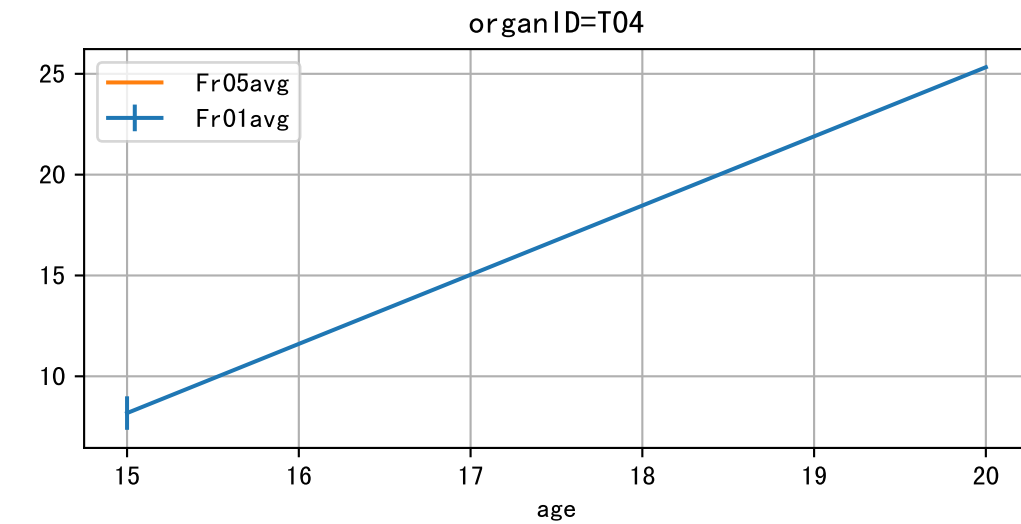
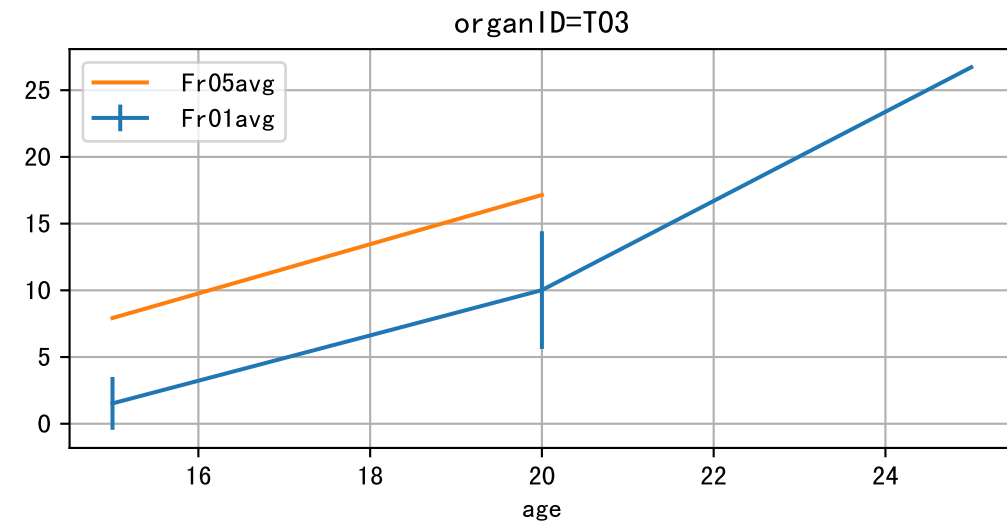
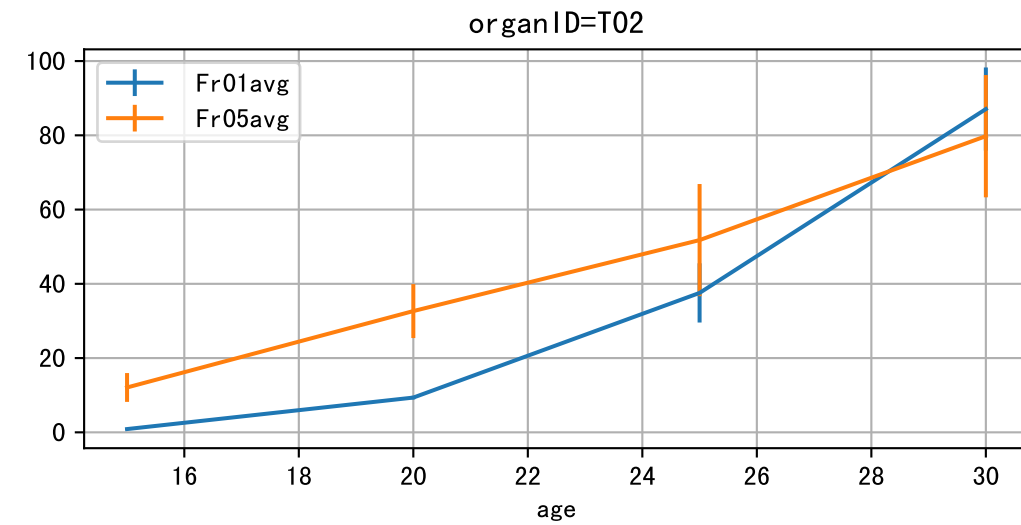
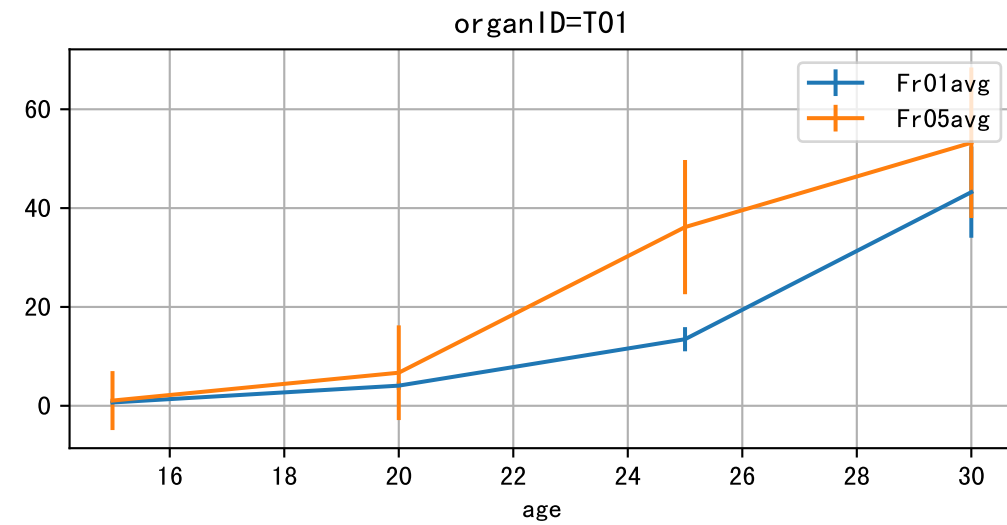
dStH: D_Est_StH



dStH: sfDem

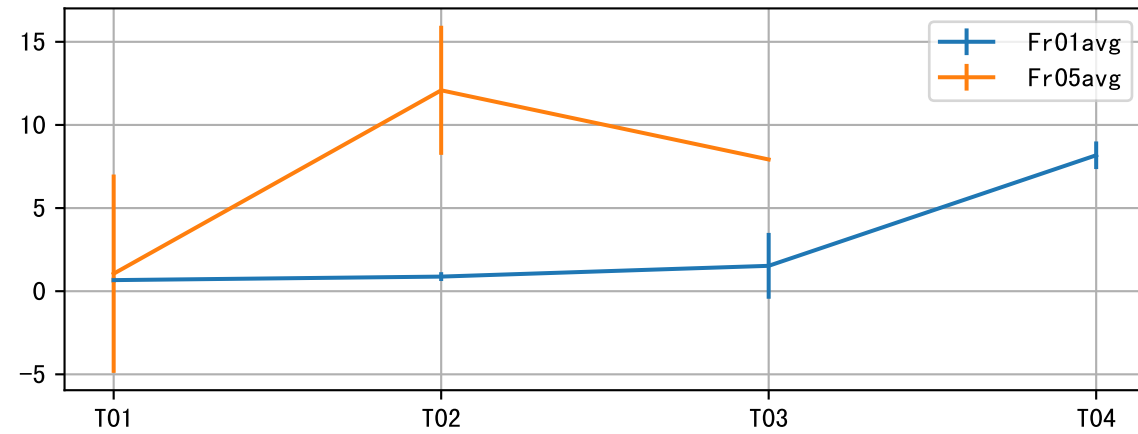




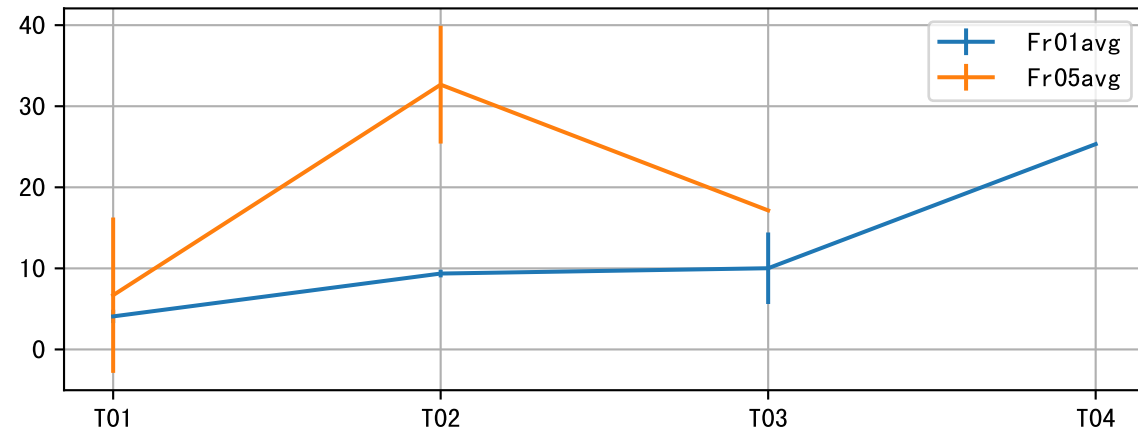


FrV trend at each age

age=15

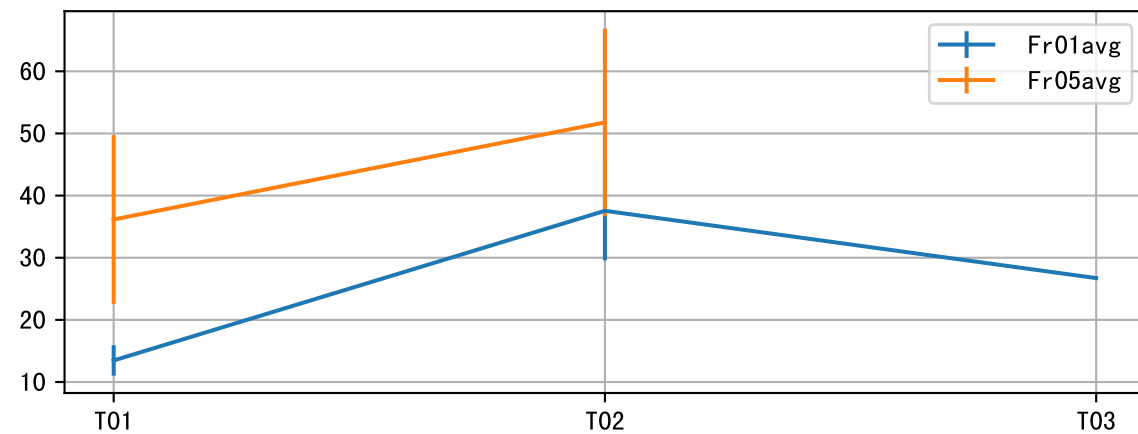


age=20



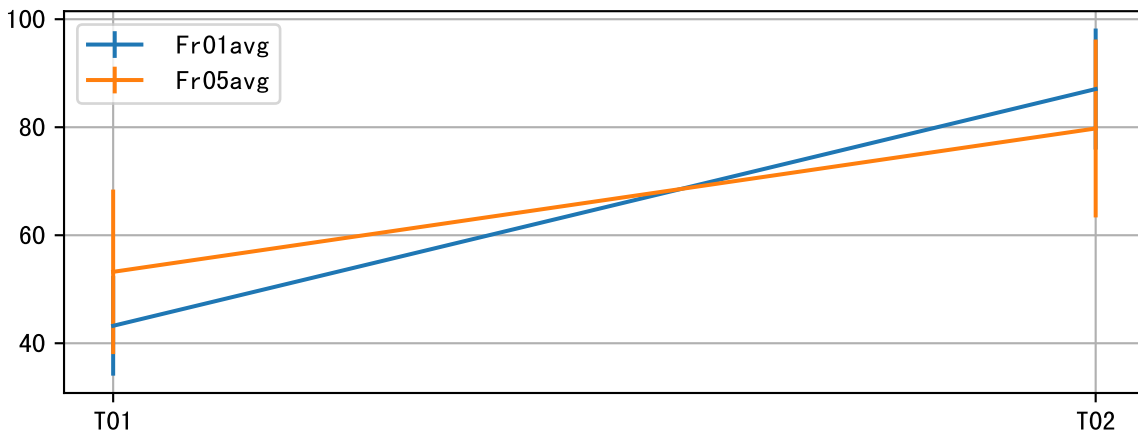
organID

age=25



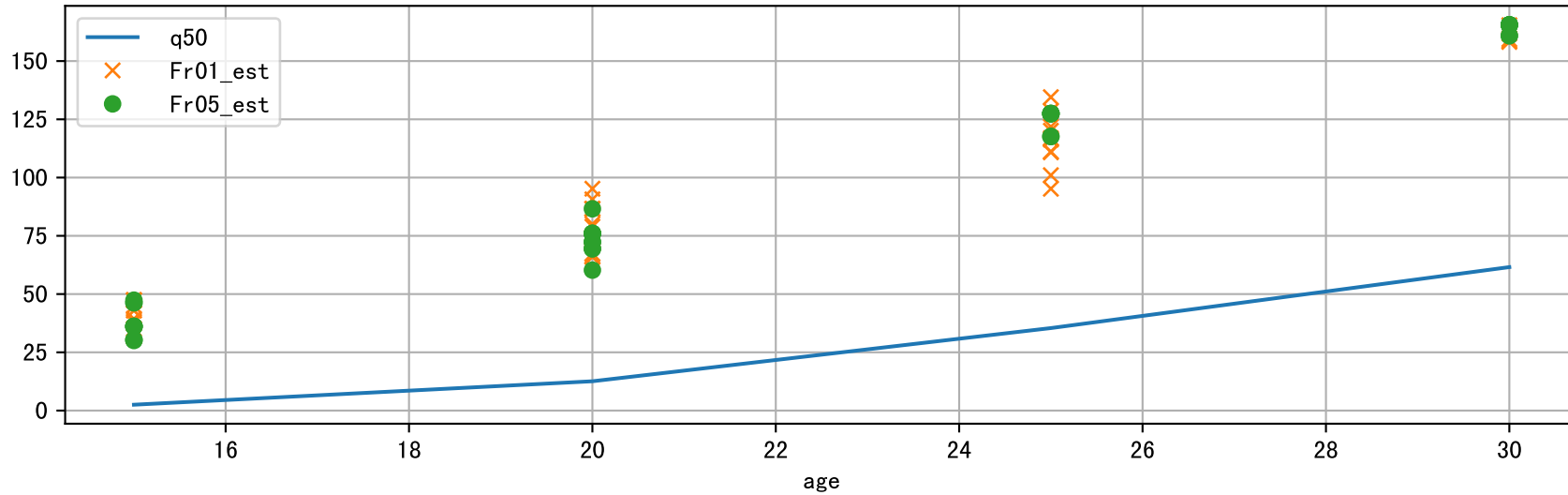
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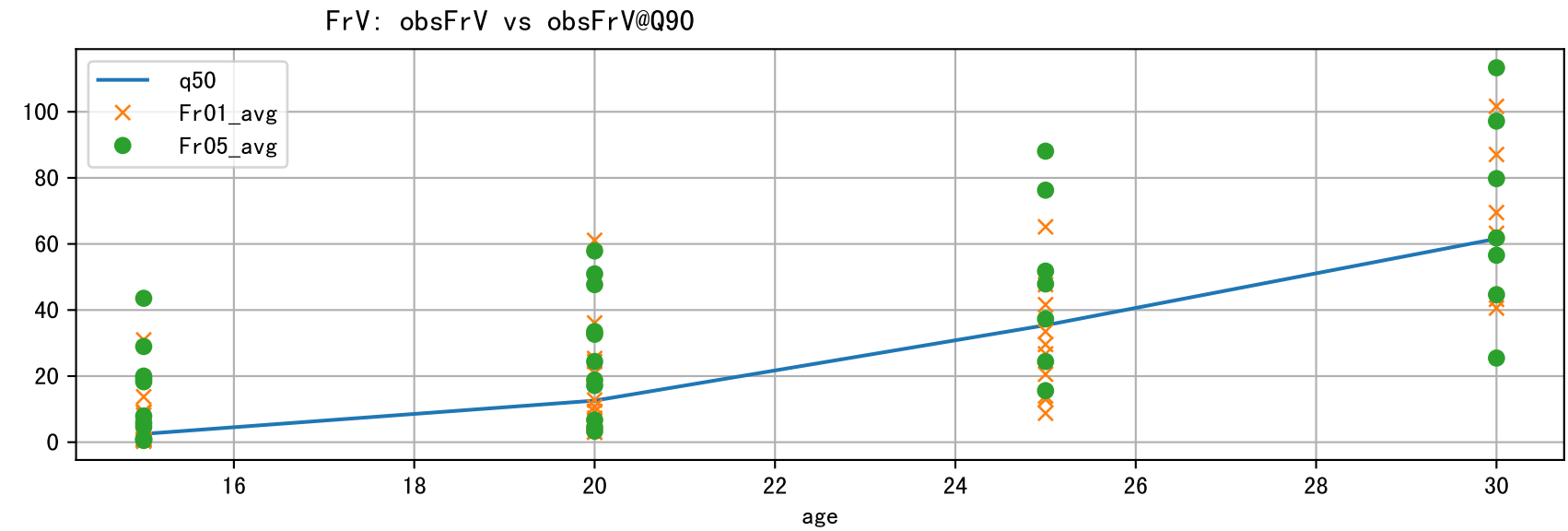
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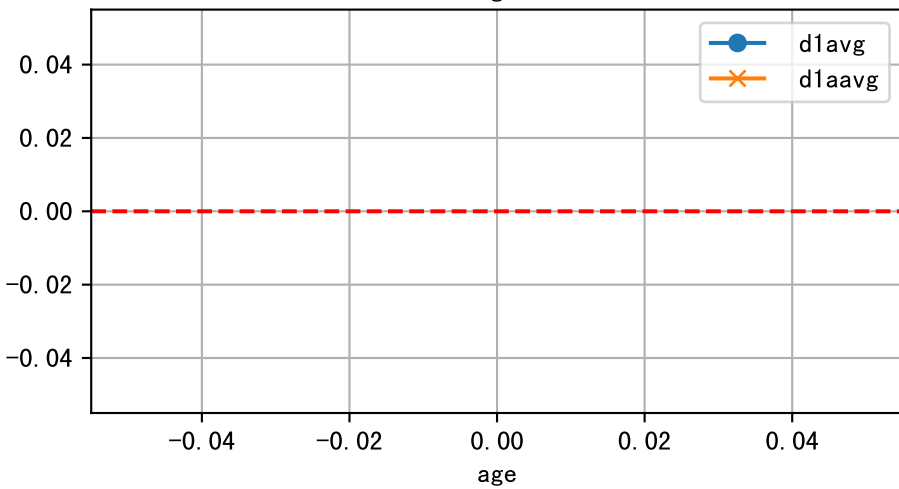
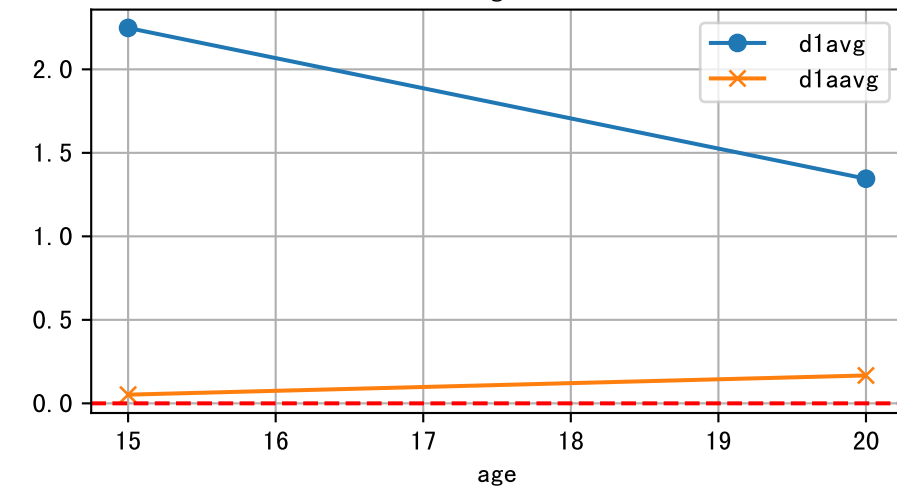
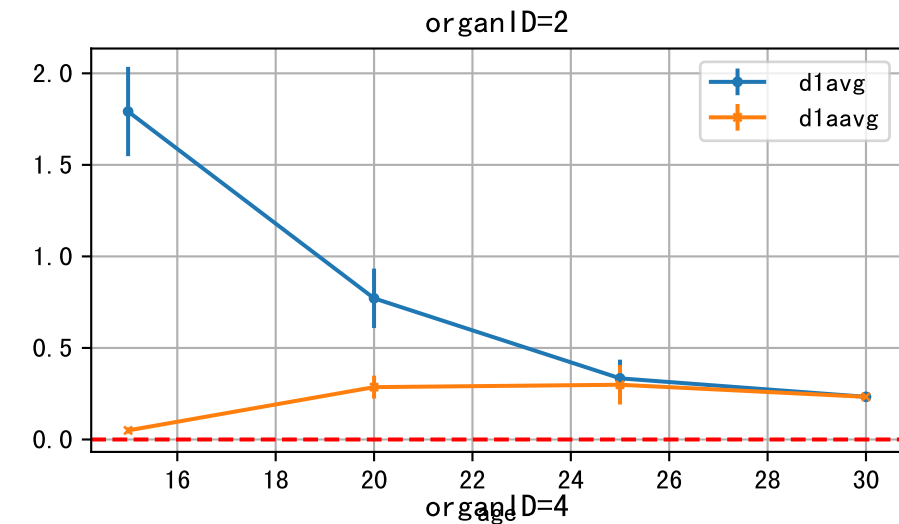
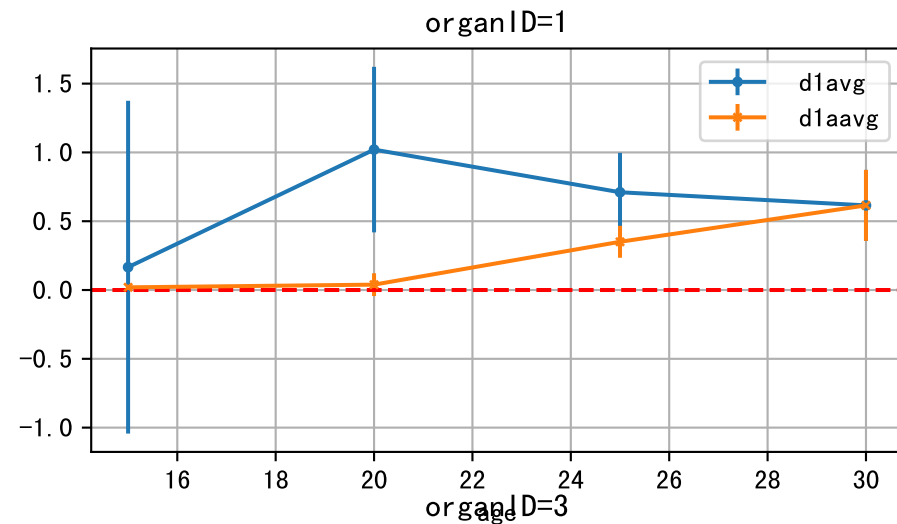


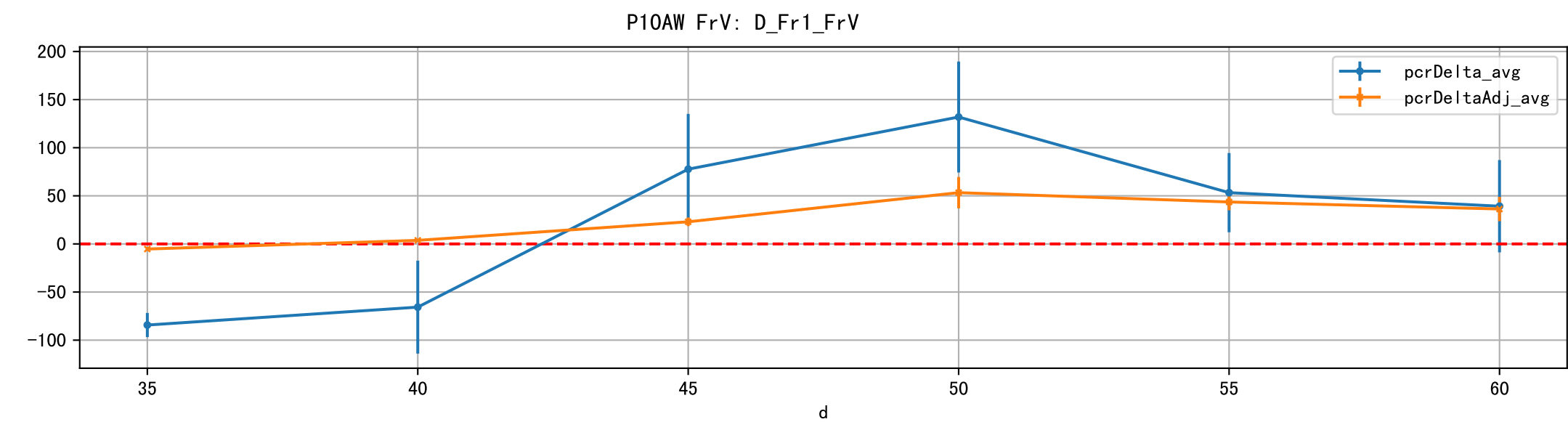
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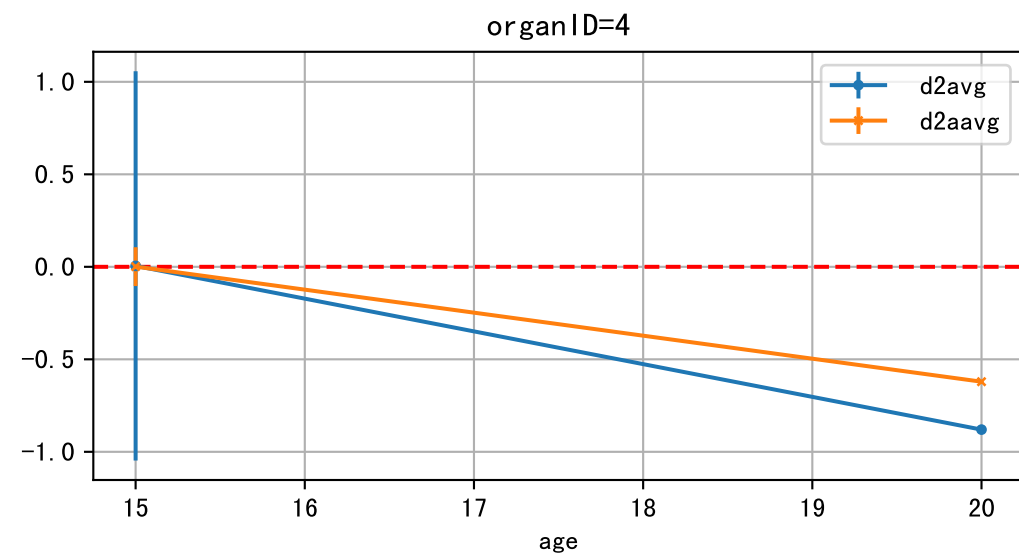
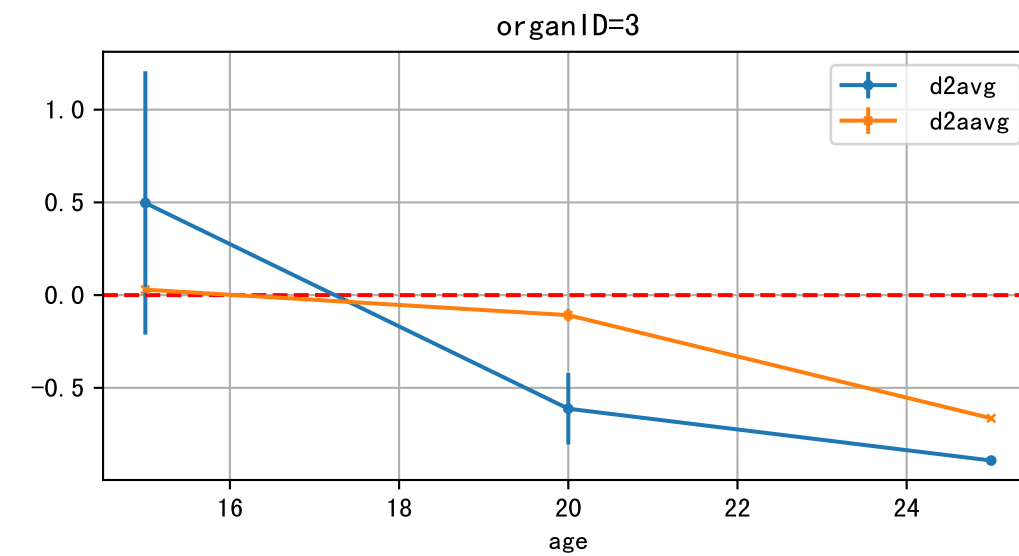
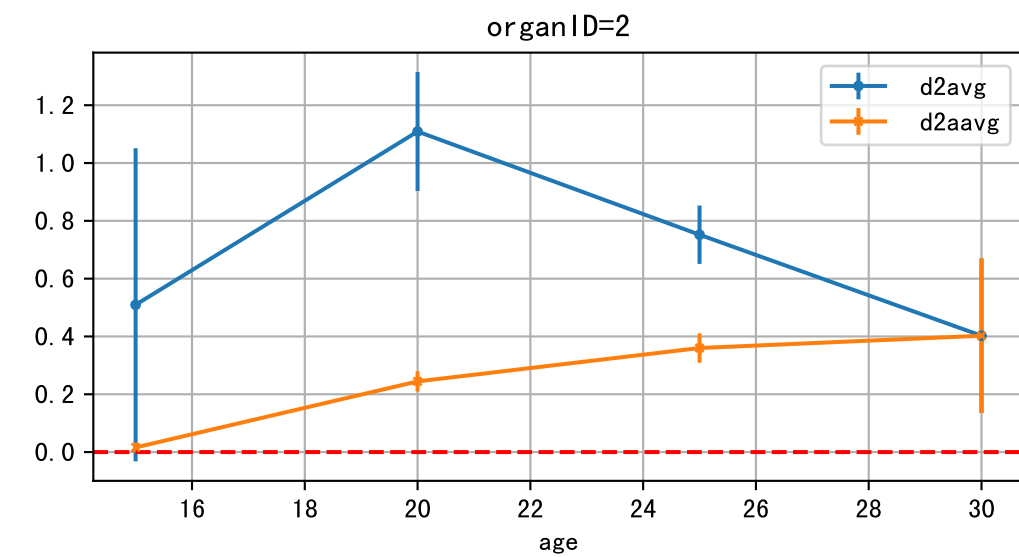
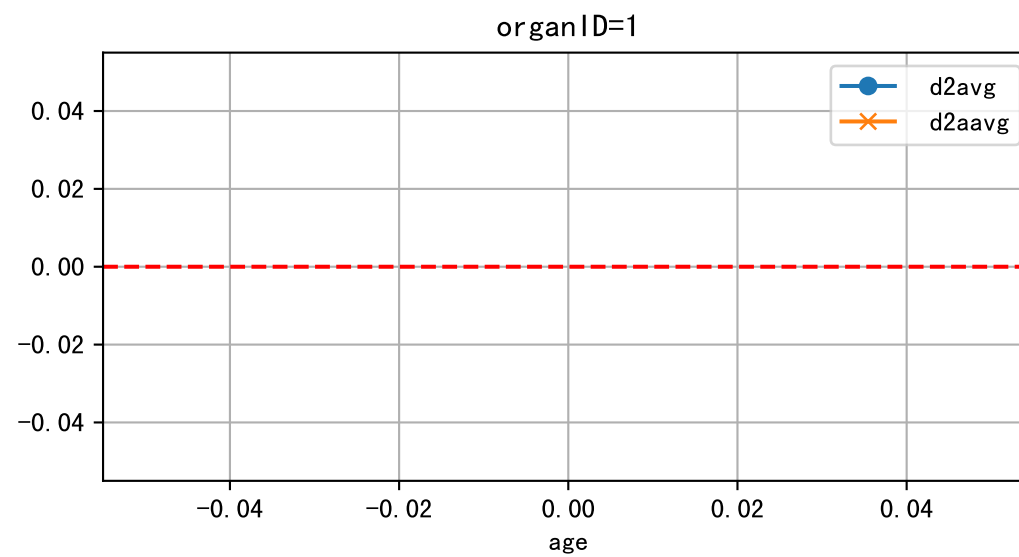
FrV: model Est vs obsFrV at Q90

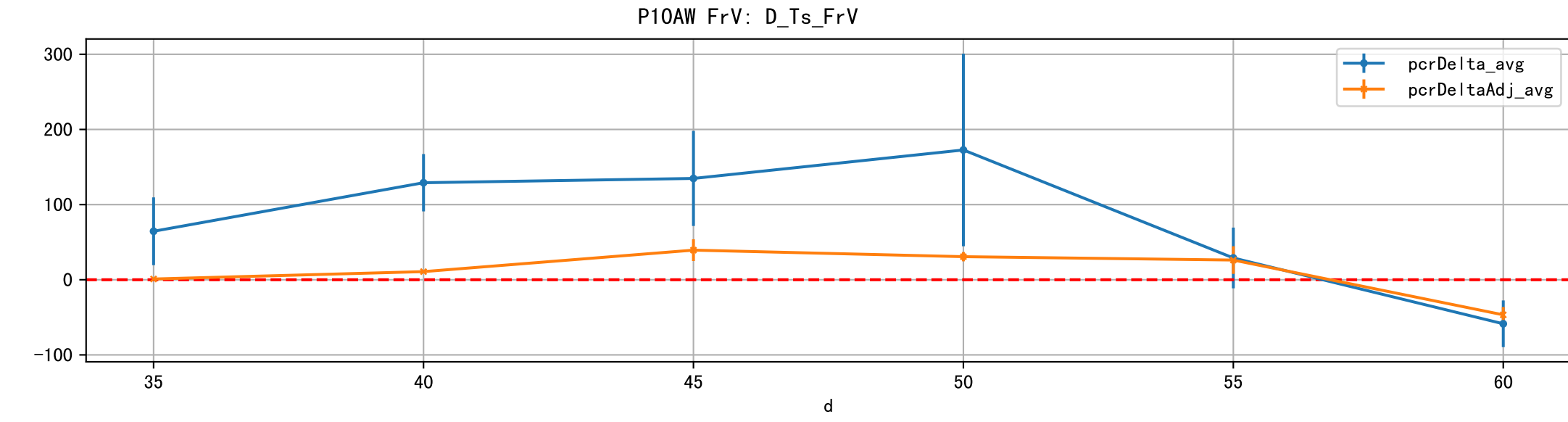


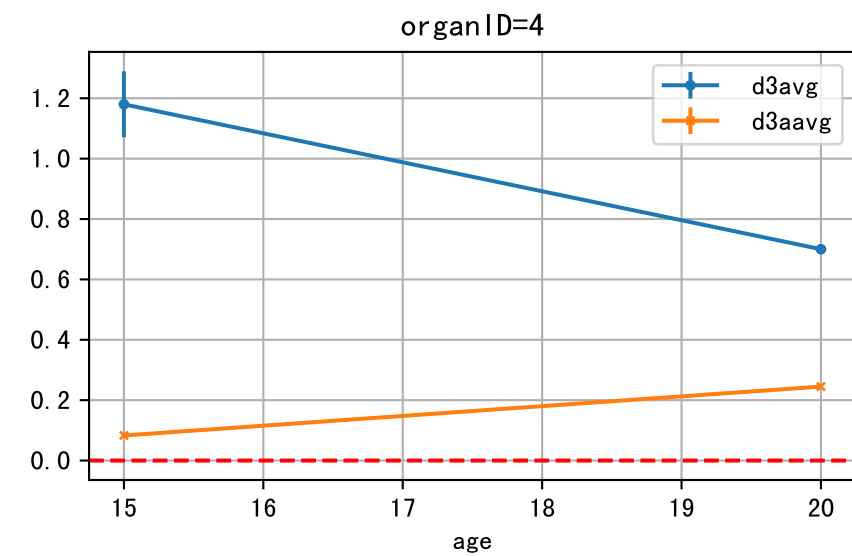
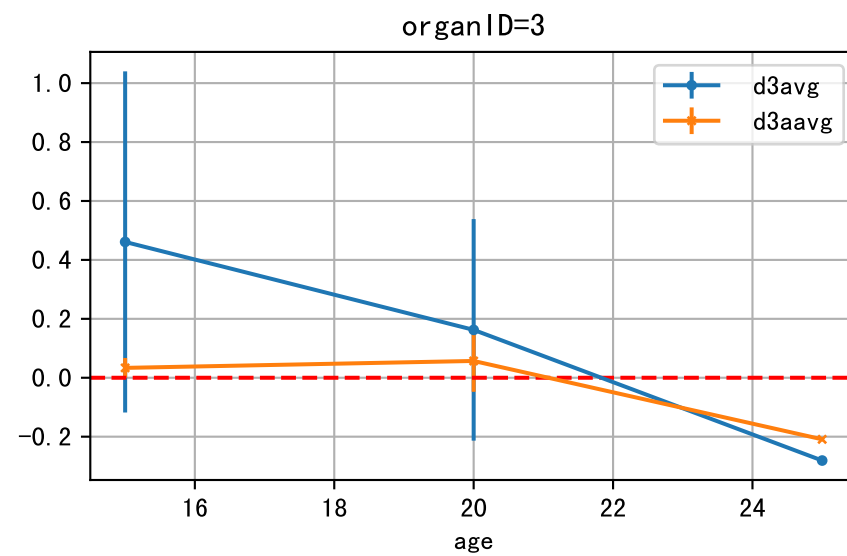
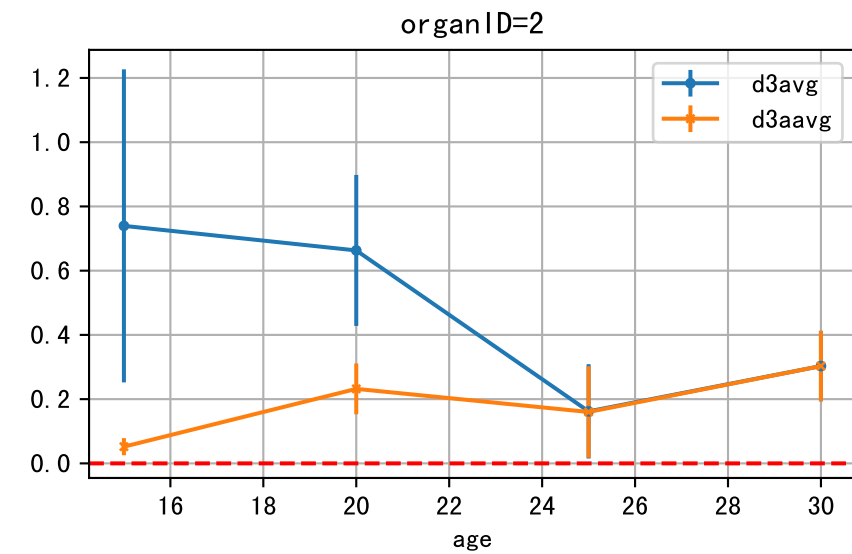
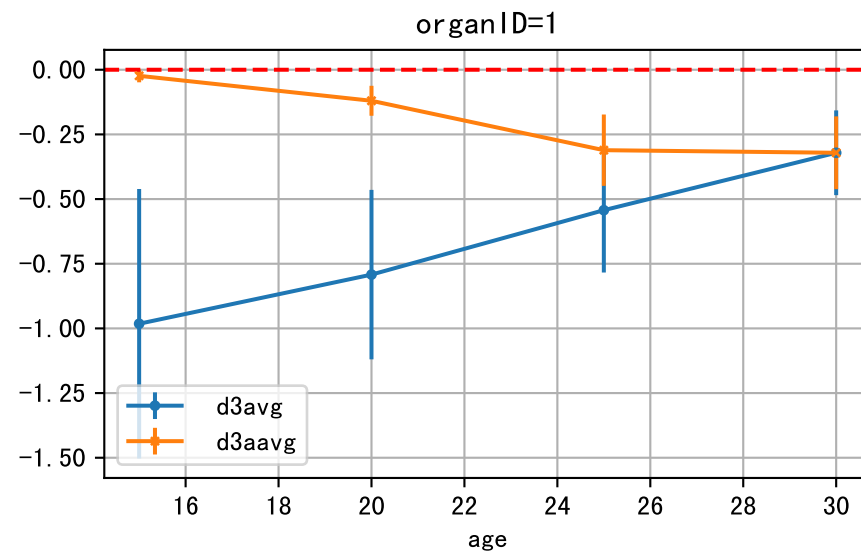




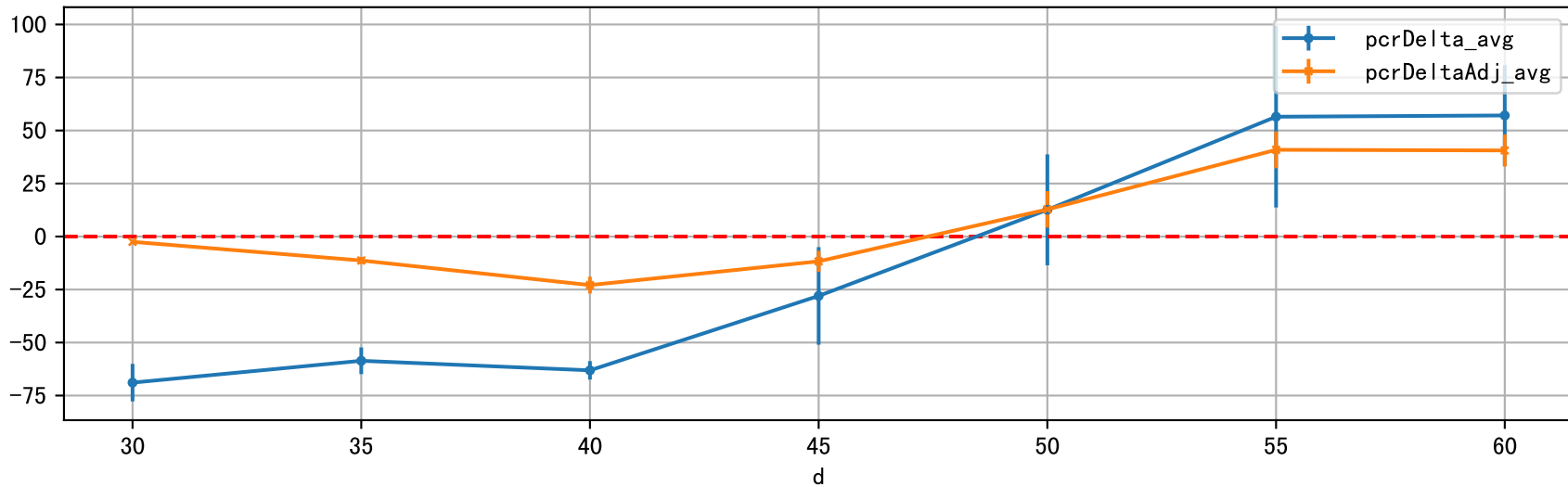


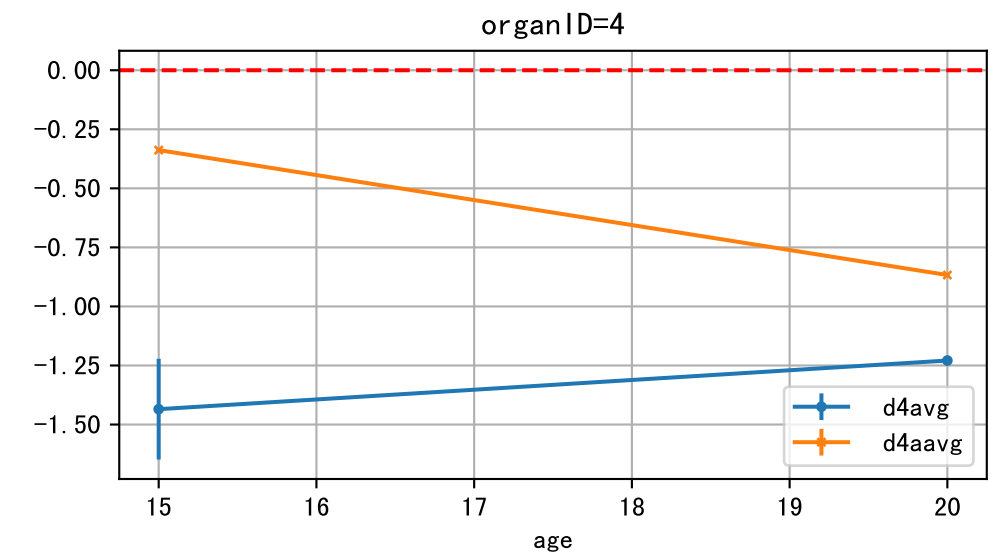
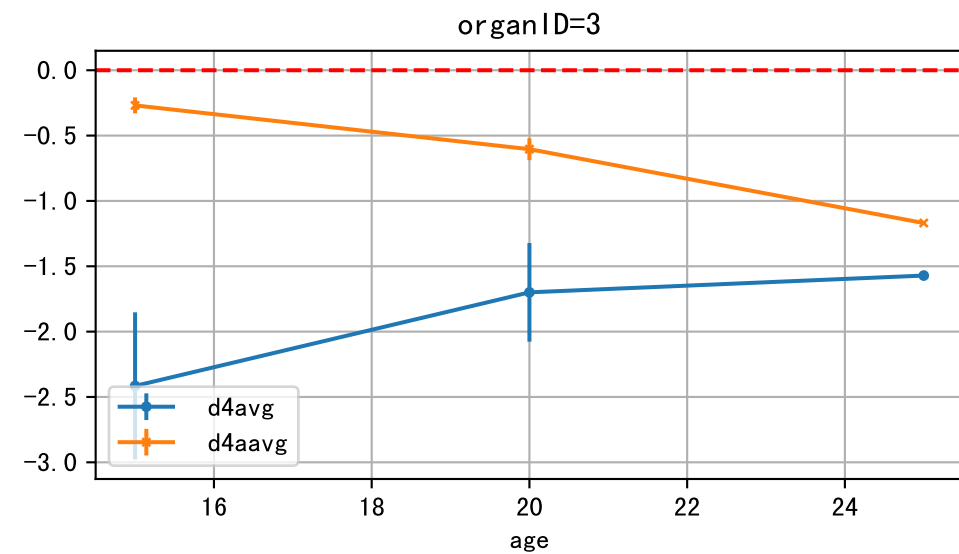
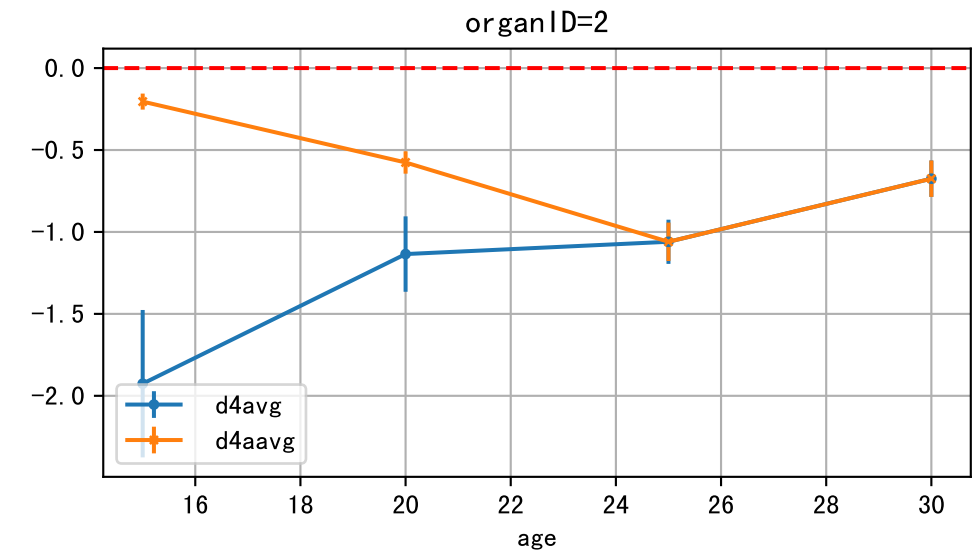
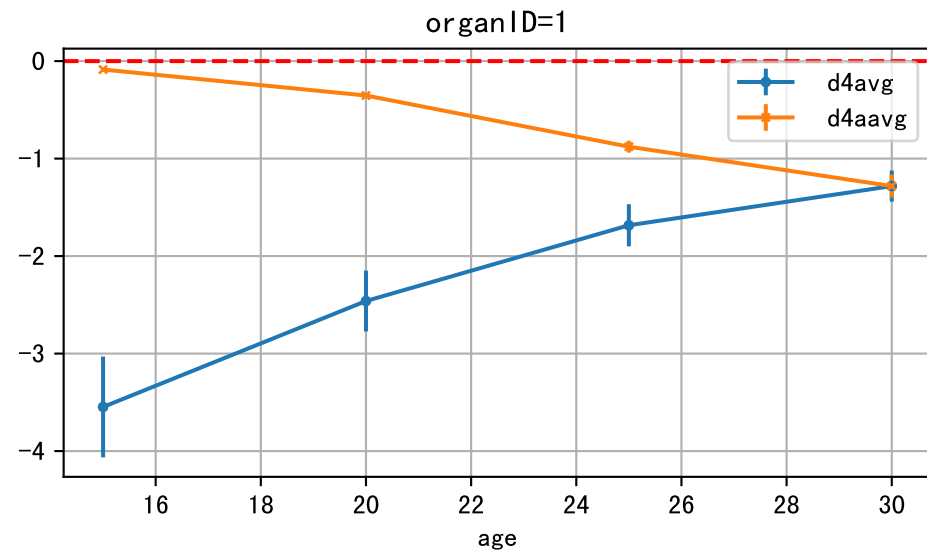






P10AW FrV: D_Q50_FrV





P10AW FrV: D_Est_FrV

