

Phenotype Data Analysis Plots

PhenoData day range = 5 – 58

Analysis cutoff day = 58

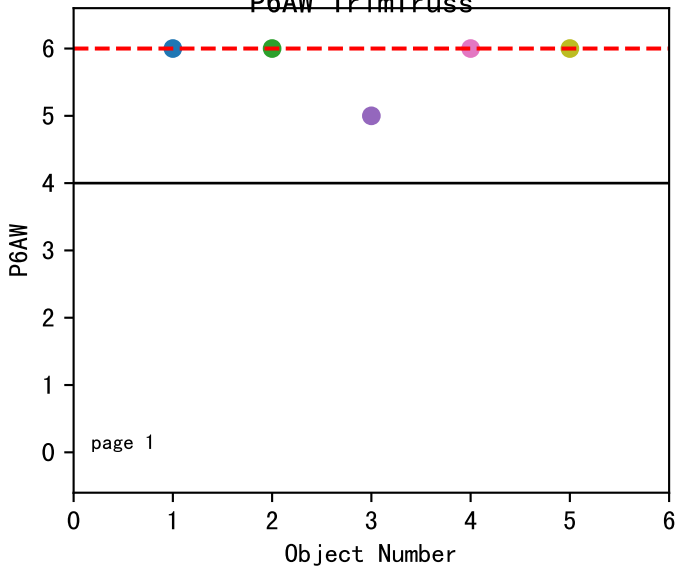
NC11 P6

2025-06-03 (Day 59)

TrussNodeMaxPerStem (Def=4.0 Set=6)

avg1=6.0~0% avg2=na

P6AW TrimTruss



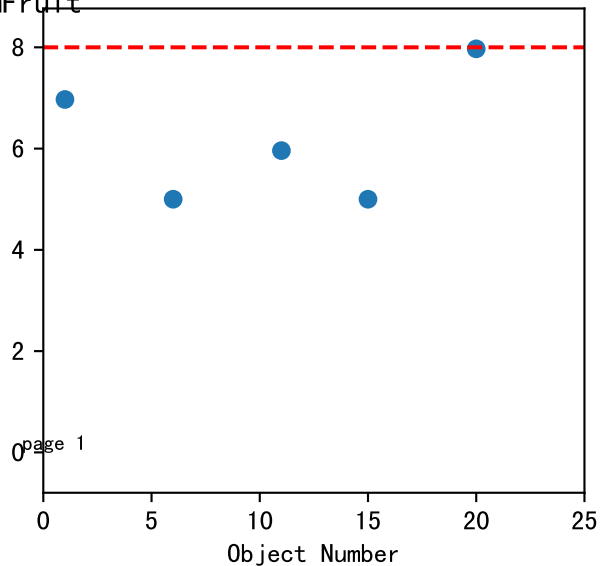
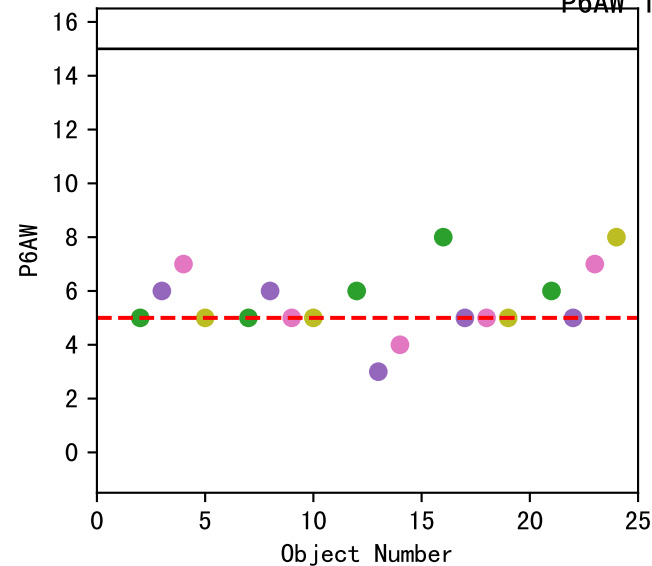
FruitNumAvgPerTruss (Def=15 Set=5)

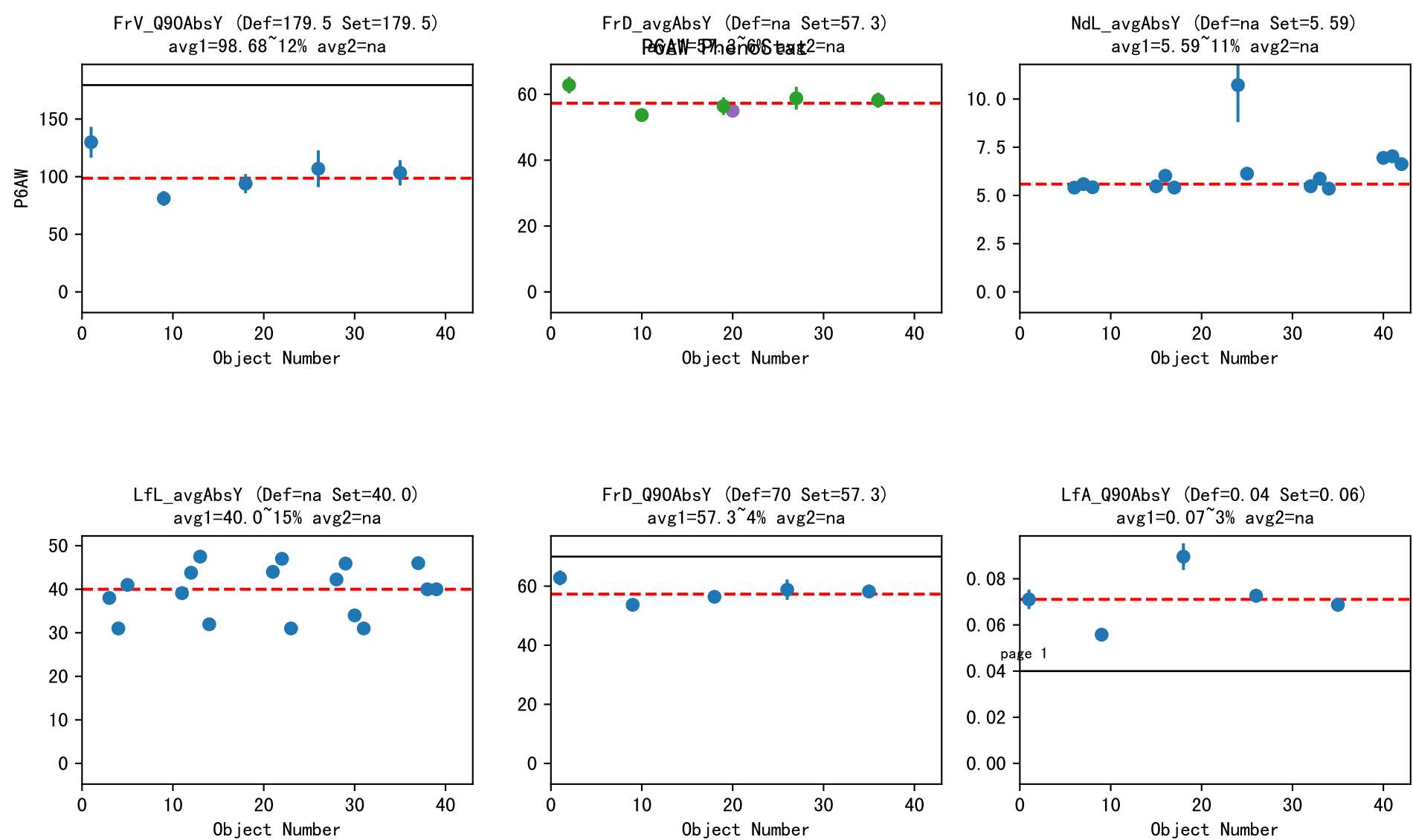
avg1=5.0~16% avg2=na

P6AW TrimFruit

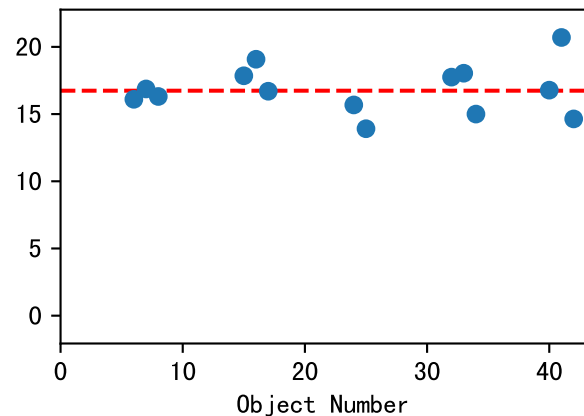
FruitNumMaxPerTruss (Def=na Set=8)

avg1=8.0~17% avg2=na

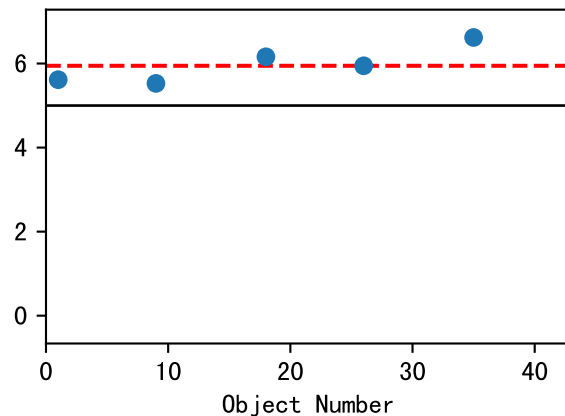




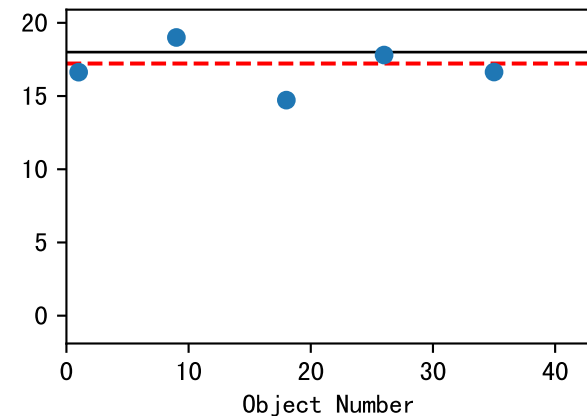
NdD_avgAbsY (Def=na Set=16.74)
avg1=16.74~11% avg2=na



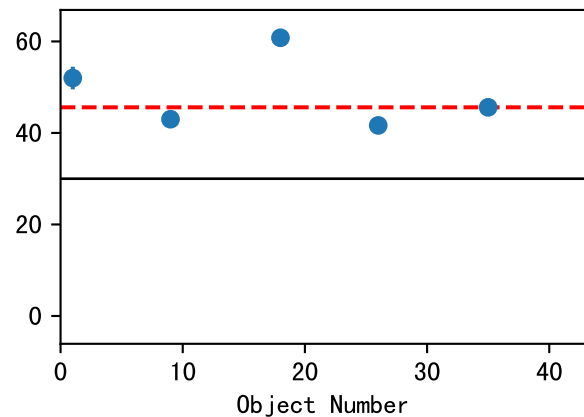
NdL_Q90AbsY (Def=5 Set=5.95)
avg1=5.95~7% avg2=na



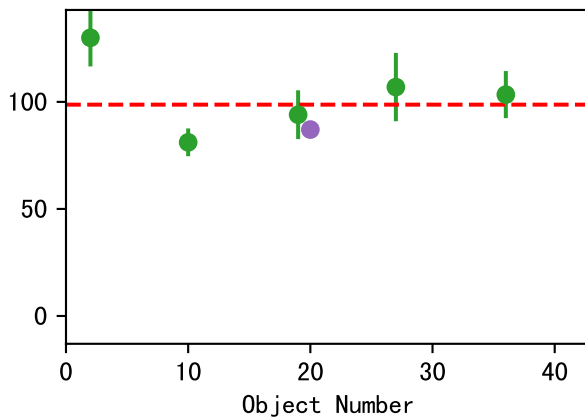
NdD_Q90AbsY (Def=18 Set=17.22)
avg1=17.22~7% avg2=na



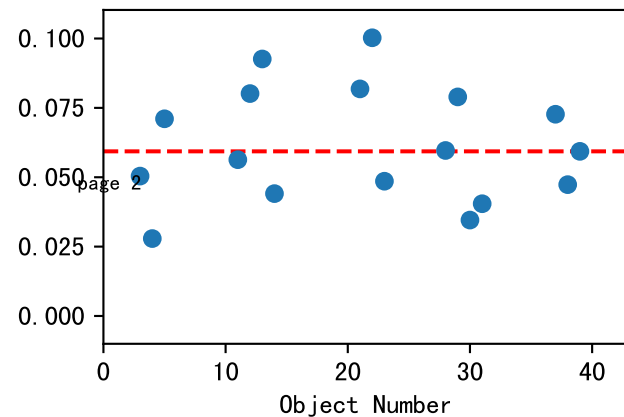
LfW_Q90AbsY (Def=30 Set=45.6)
avg1=45.6~17% avg2=na



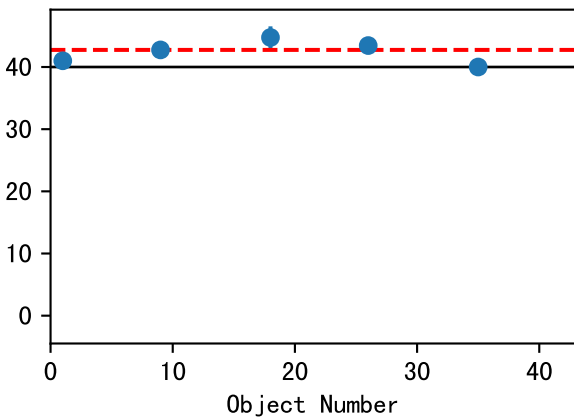
FrV_avgAbsY (Def=na Set=98.71)
avg1=98.71~18% avg2=na



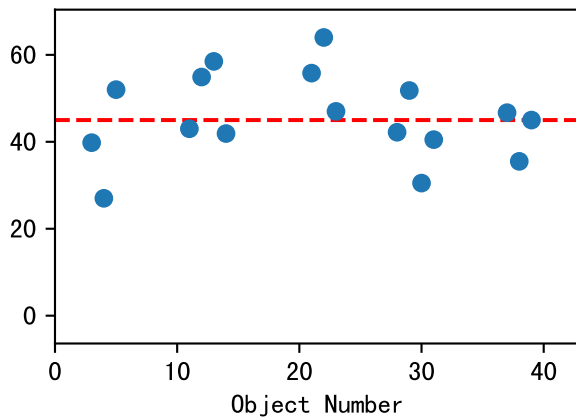
LfA_avgAbsY (Def=na Set=0.06)
avg1=0.06~35% avg2=na



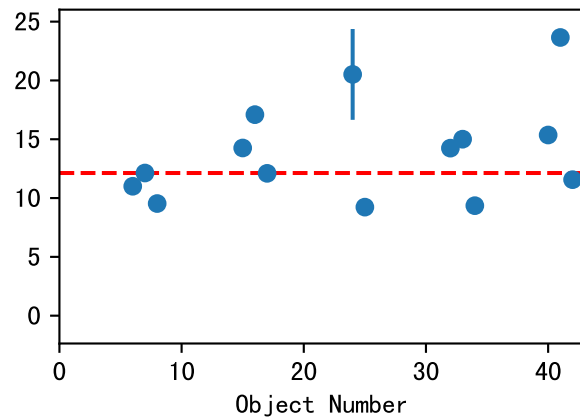
LfL_Q90AbsY (Def=40 Set=42.75)
avg1=42.75~4% avg2=na



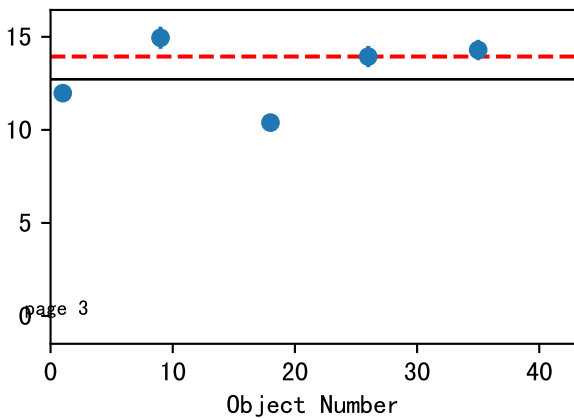
LfW_avgAbsY (Def=na Set=45.0)
avg1=45.0~22% avg2=na



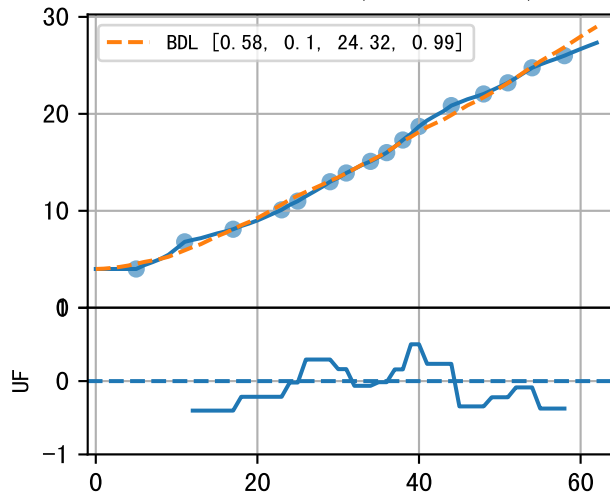
NdV_avgAbsY (Def=na Set=12.13)
avg1=12.13~27% avg2=na



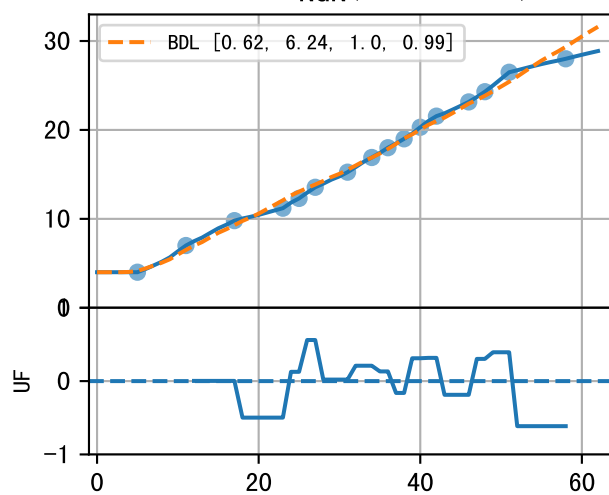
NdV_Q90AbsY (Def=12.72 Set=13.94)
avg1=13.94~13% avg2=na



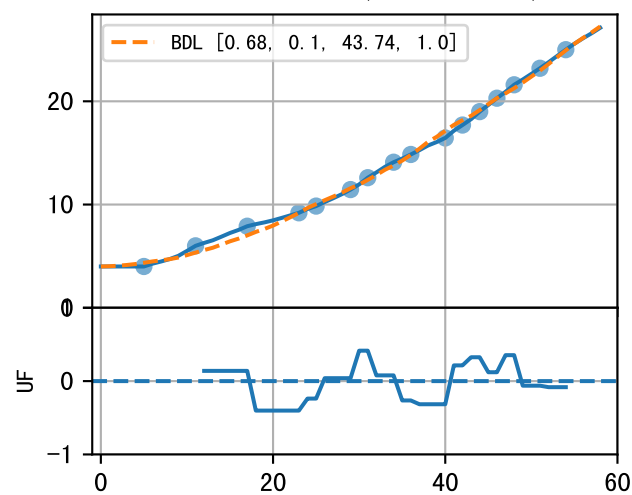
P6AW-058-22 (fit failed)



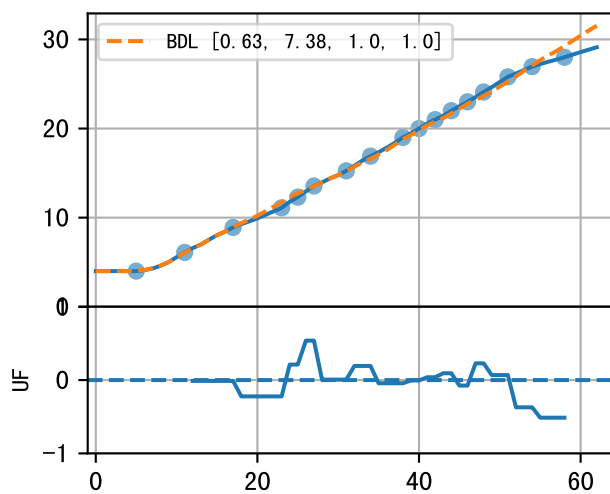
P6AW-074-19 (fit failed)



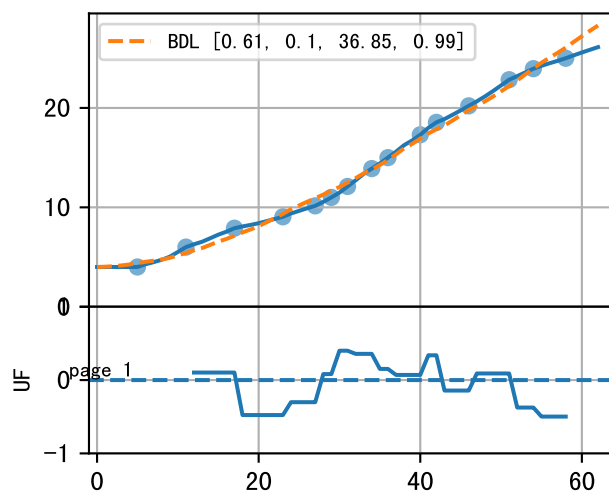
P6AW-087-14 (fit failed)



P6AW-095-29 (fit failed)



P6AW-106-11 (fit failed)

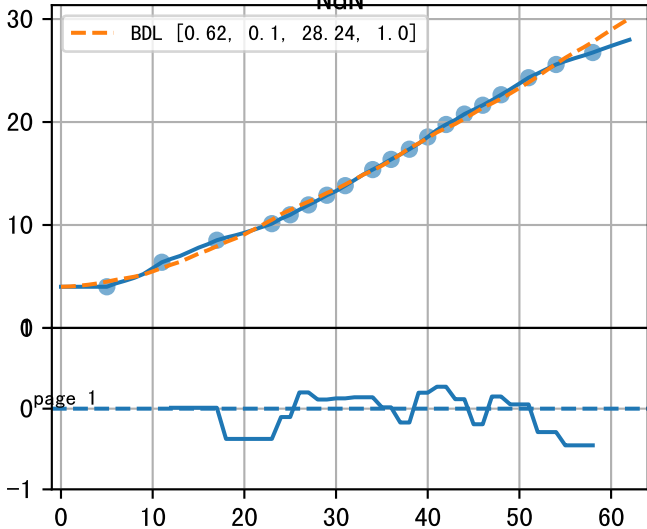


P6AWavg (fit failed)

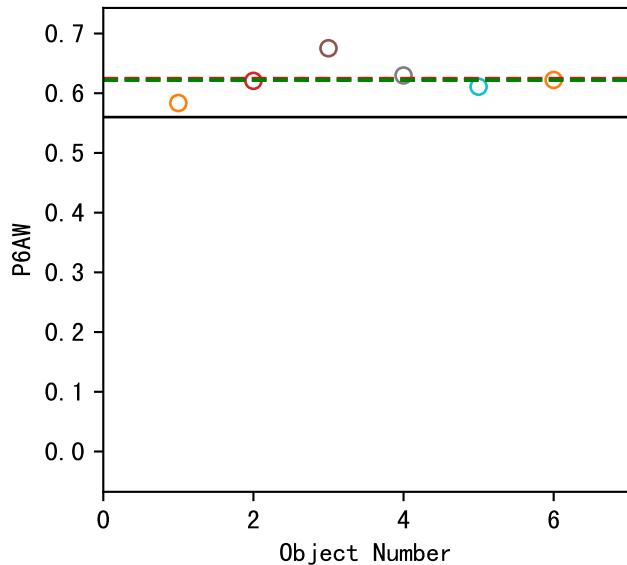
NdN

BDL [0.62, 0.1, 28.24, 1.0]

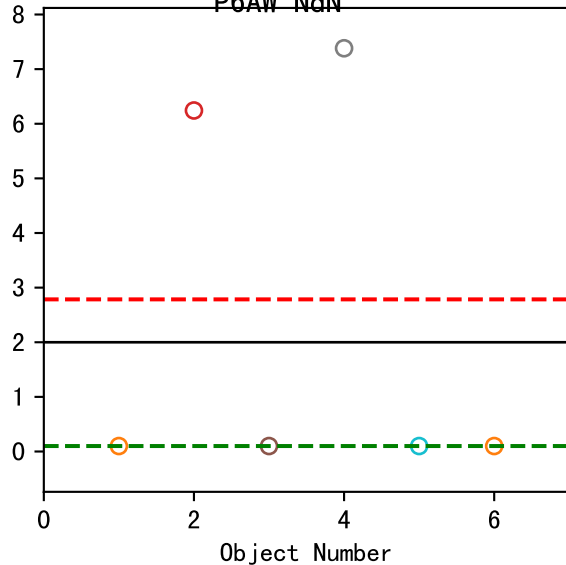
UF
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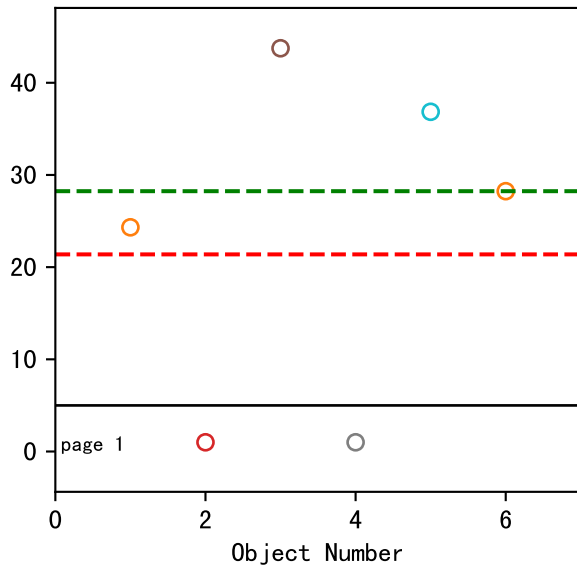
a (Def=0.56 Set=0.62)
avg1=0.62(fail) avg2=0.62



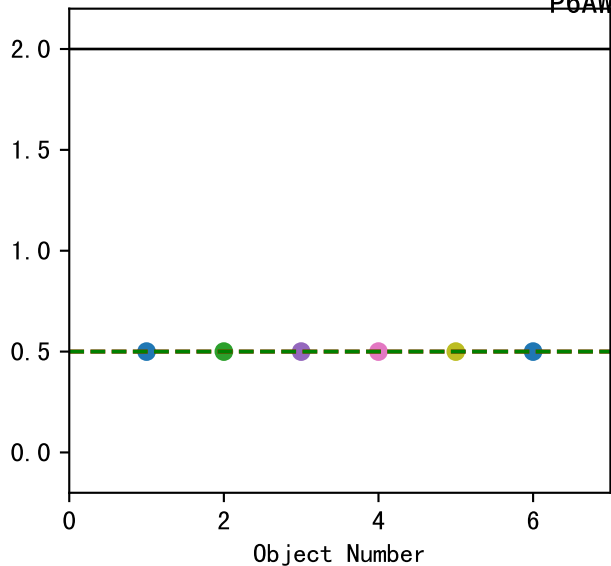
dm (Def=2 Set=0.1)
avg1=2.78(fail) avg2=0.1



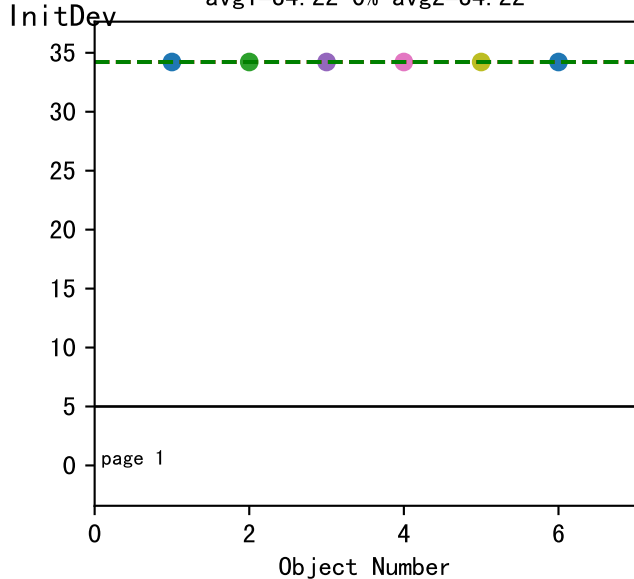
de (Def=5 Set=28.24)
avg1=21.38(fail) avg2=28.24



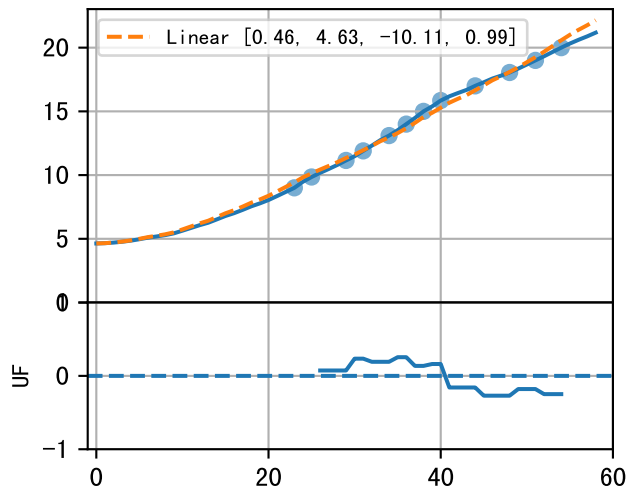
InitDev_dm (Def=2 Set=0.5)
avg1=0.5~0% avg2=0.5



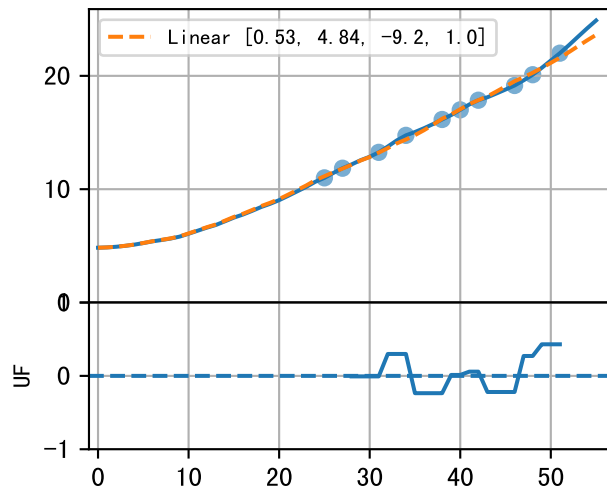
InitDev_de (Def=5 Set=34.22)
avg1=34.22~0% avg2=34.22



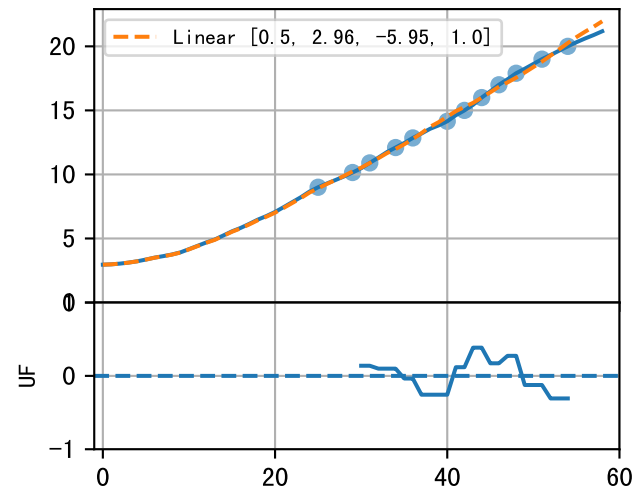
P6AW-058-22



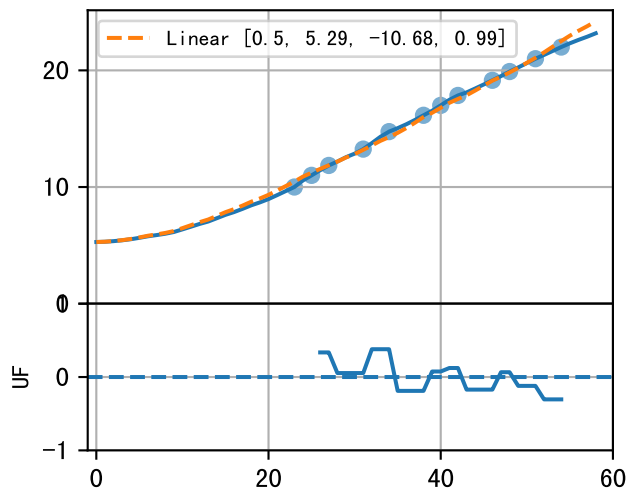
P6AW-074-9



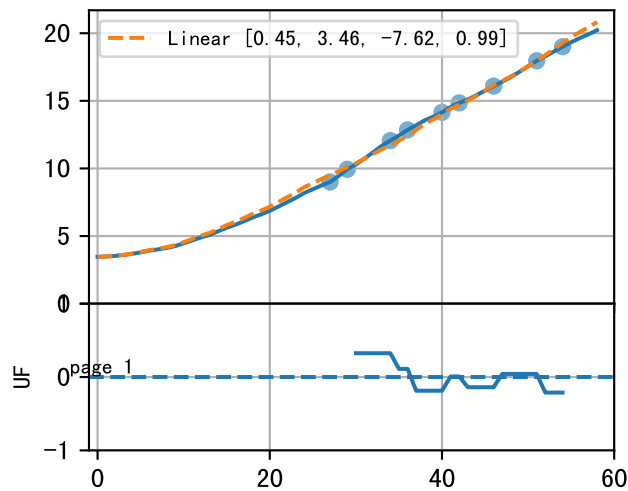
P6AW-087-14



P6AW-095-29



P6AW-106-11

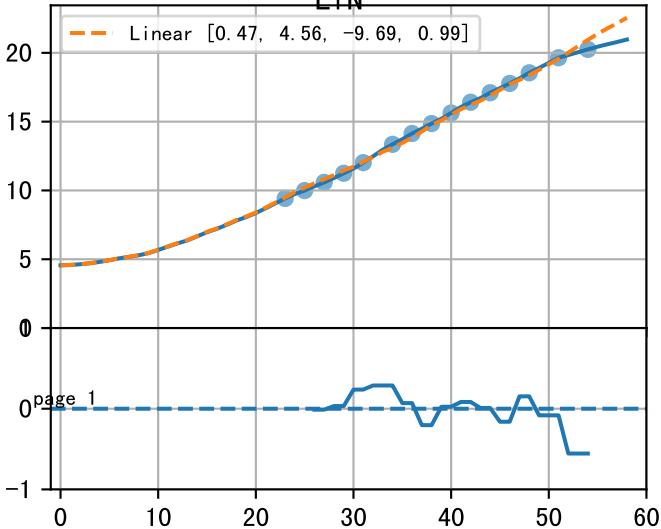


P6AWavg
LfN

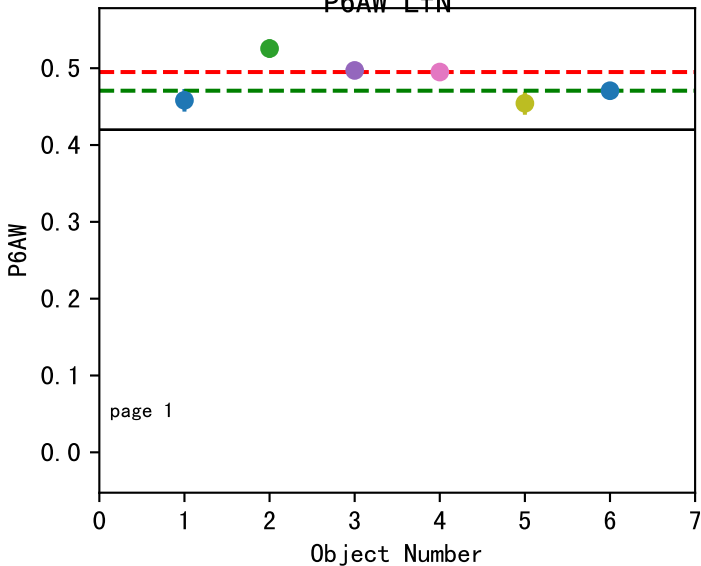
Linear [0.47, 4.56, -9.69, 0.99]

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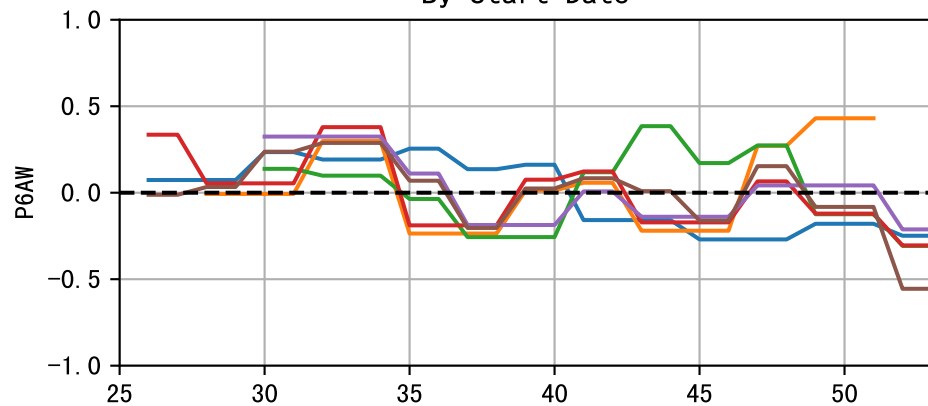
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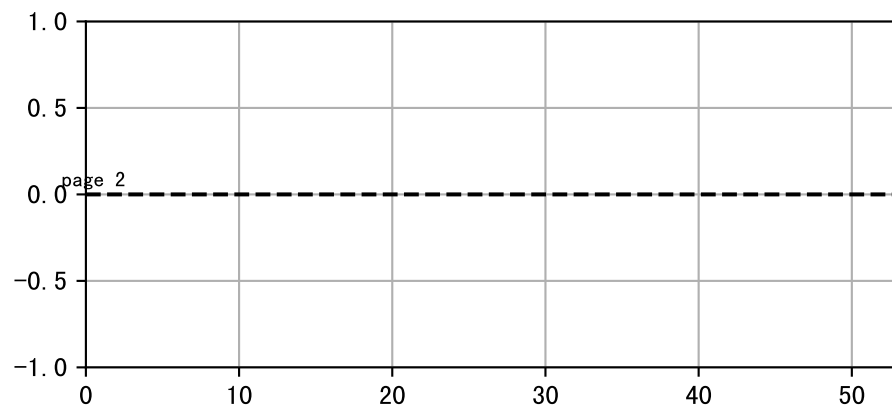
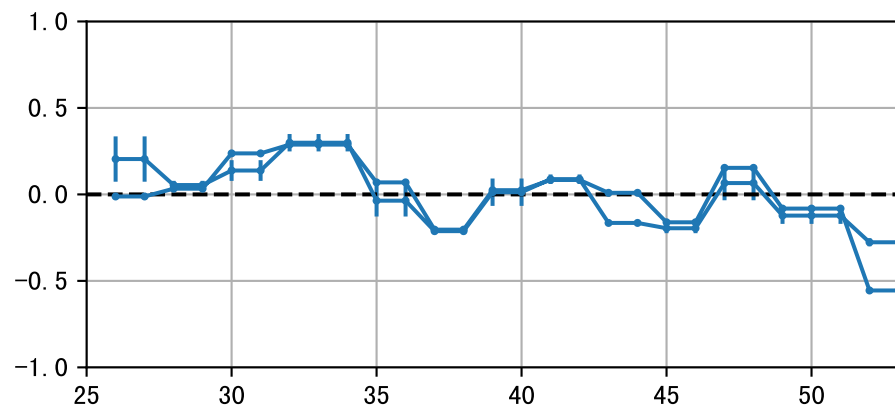
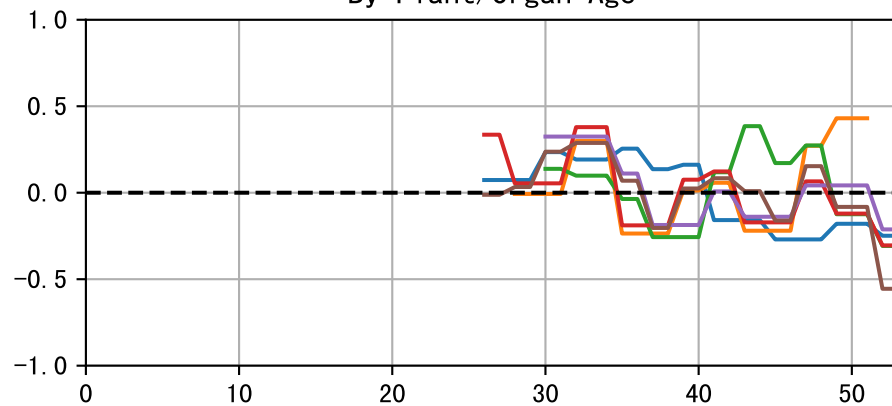
a (Def=0.42 Set=0.47)
avg1=0.5~6% avg2=0.47~4%



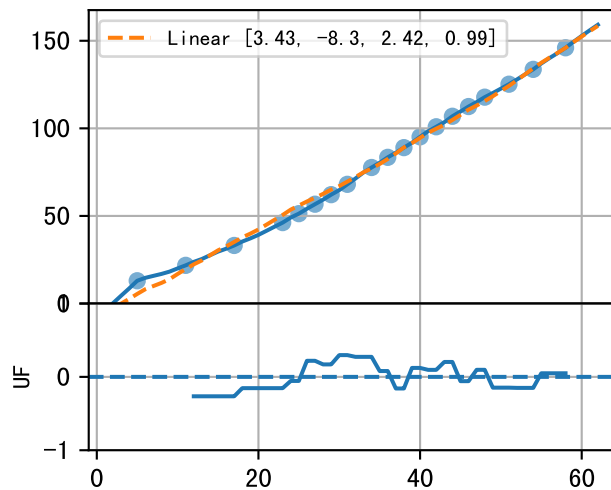
By Start Date



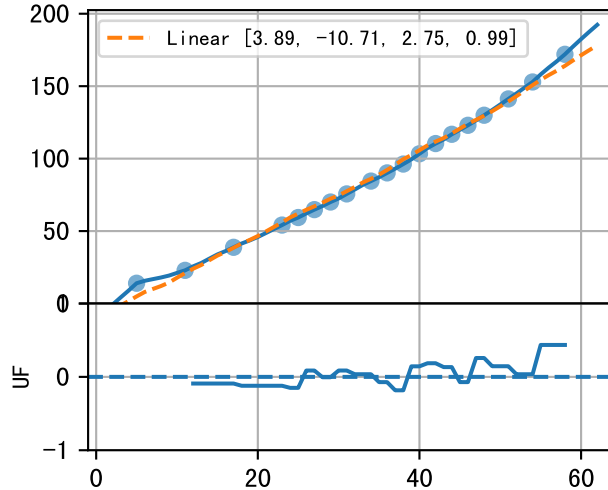
By Plant/Organ Age



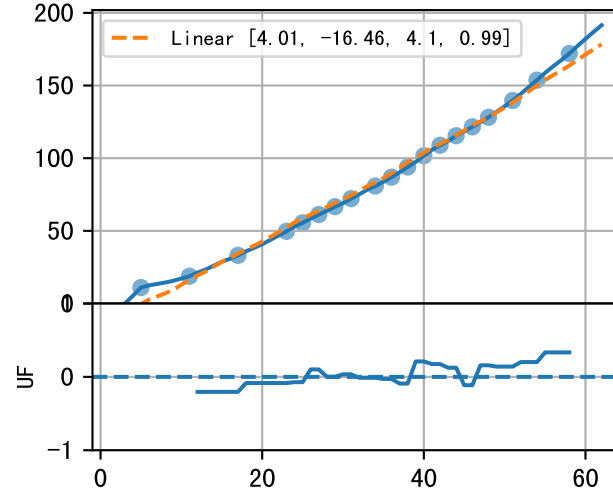
P6AW-058-22



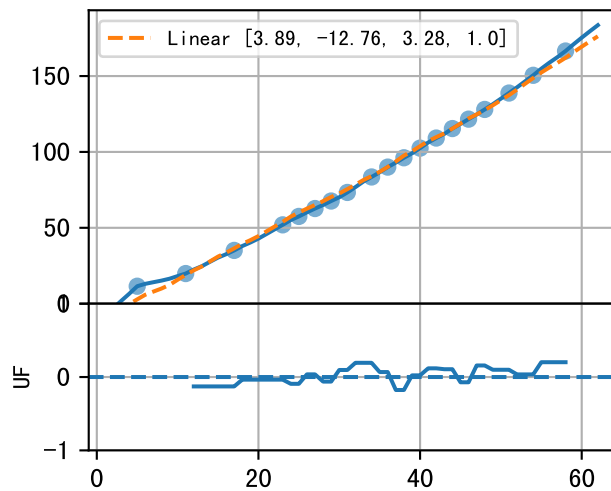
P6AW-074-9



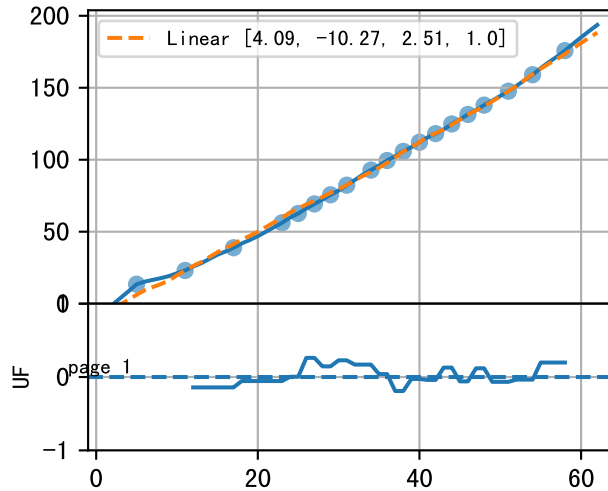
P6AW-087-14



P6AW-095-29

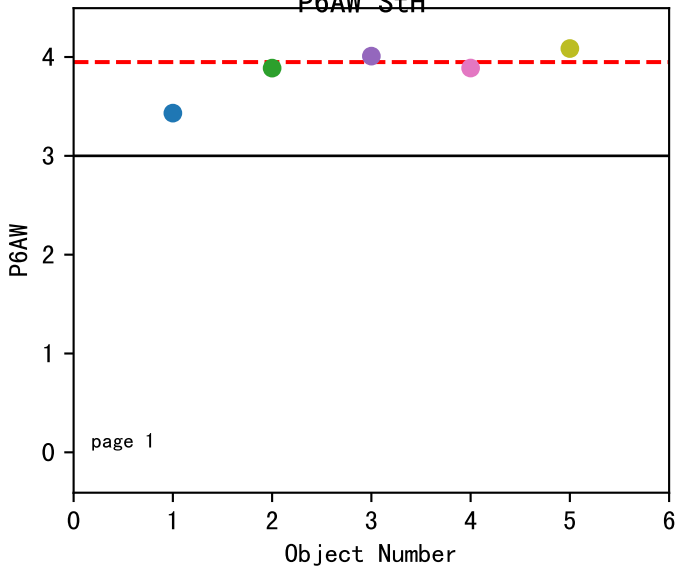


P6AW-106-11

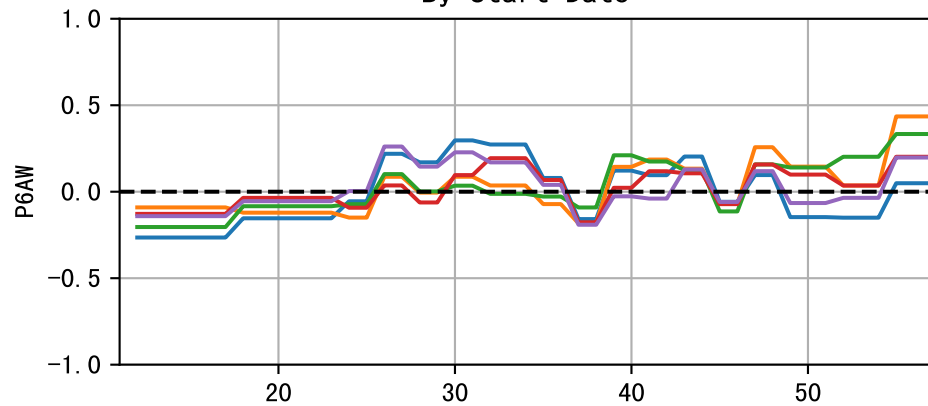


a (Def=3 Set=3.95)
avg1=3.95~2% avg2=na

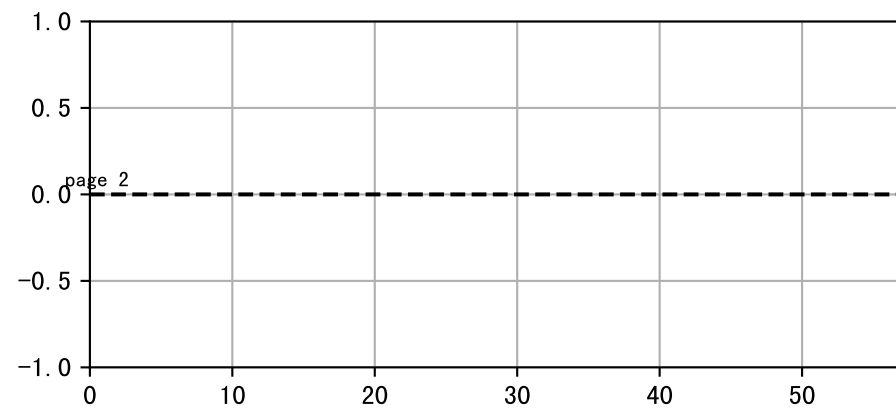
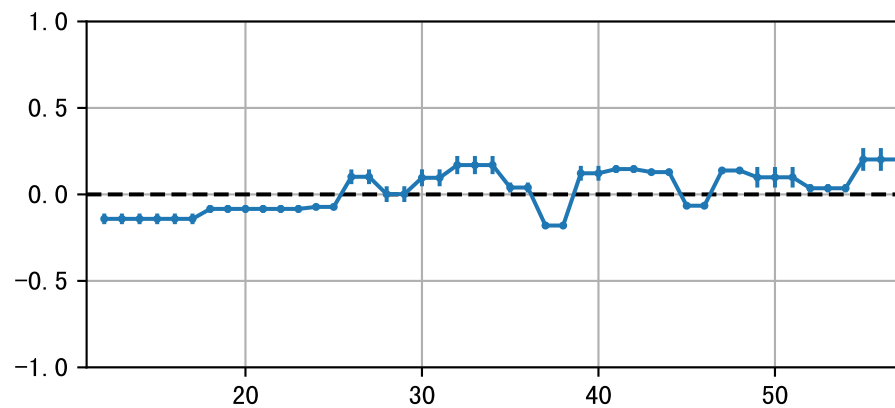
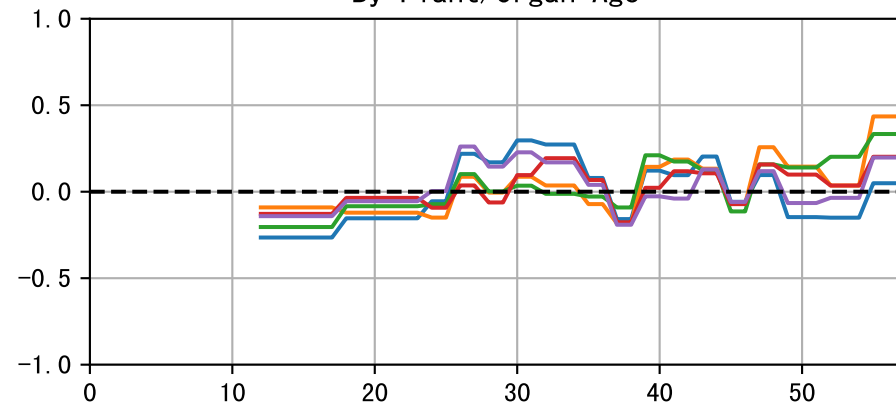
P6AW StH



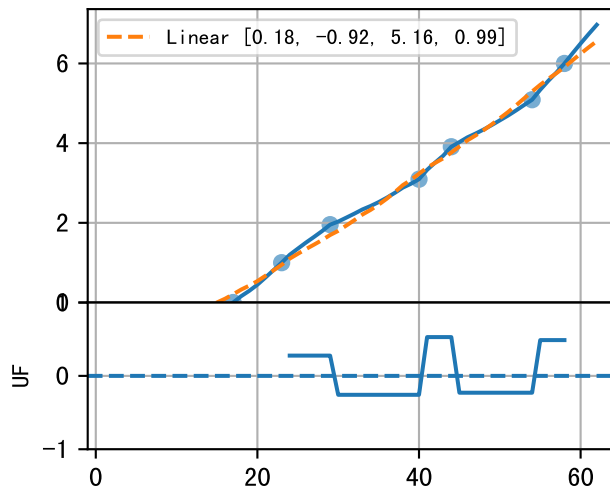
By Start Date



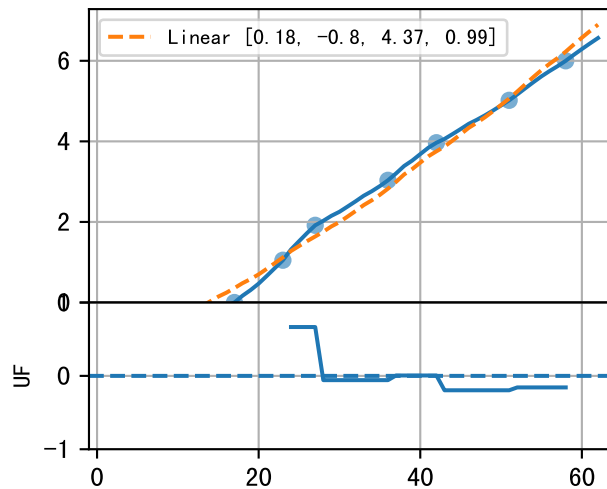
By Plant/Organ Age



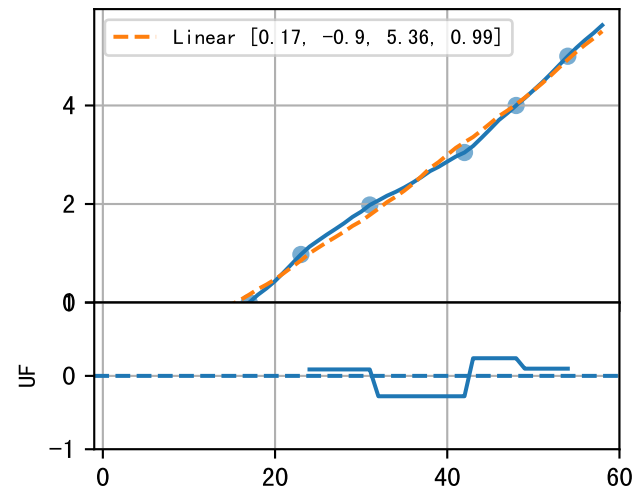
P6AW-058-22



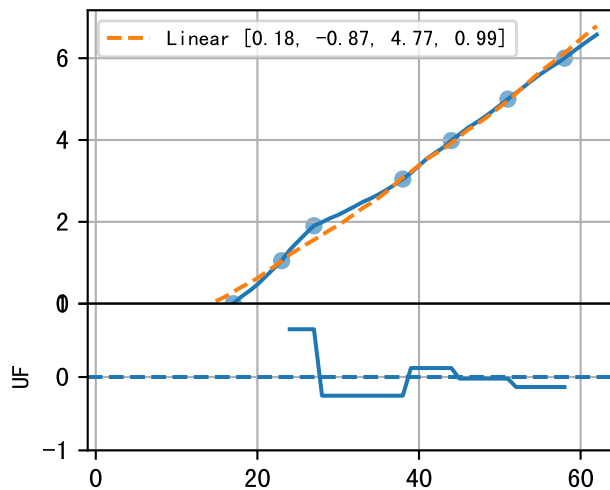
P6AW-074-9



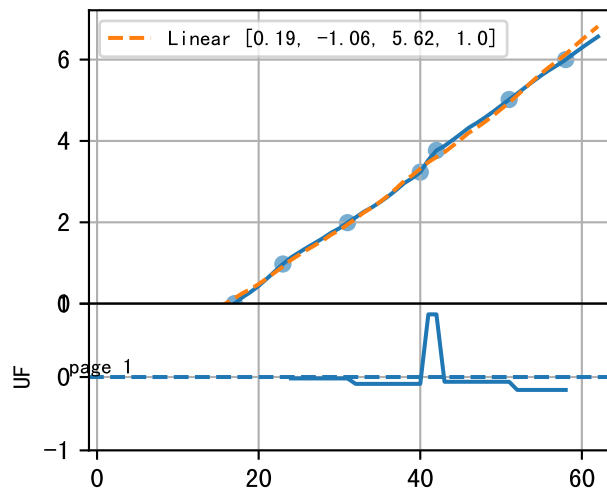
P6AW-087-14



P6AW-095-29



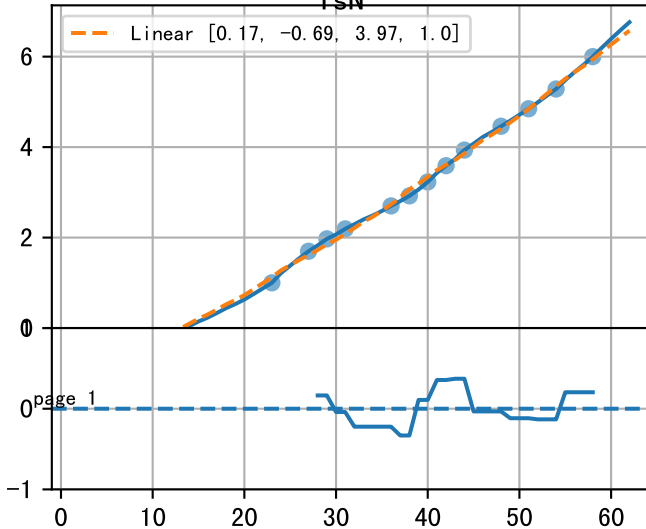
P6AW-106-11



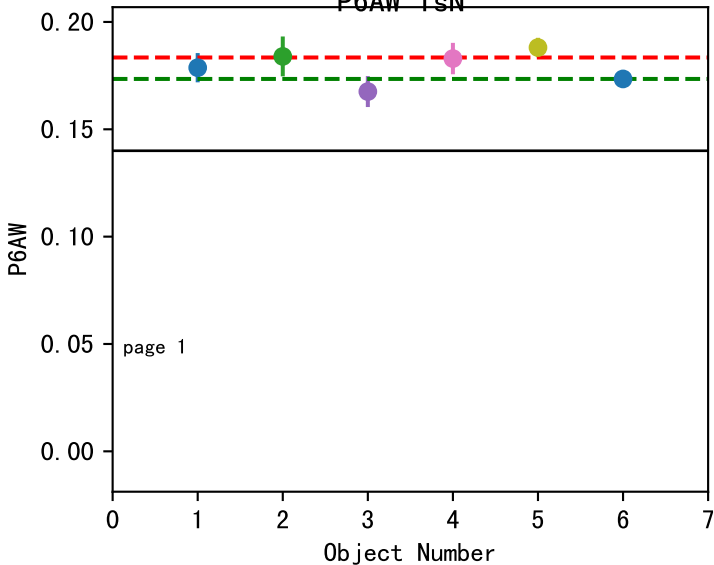
P6AWavg
1 SN

Linear [0.17, -0.69, 3.97, 1.0]

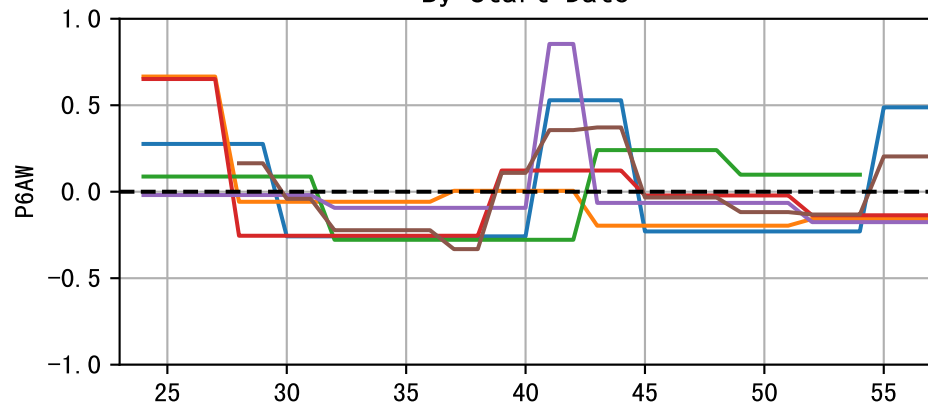
UF
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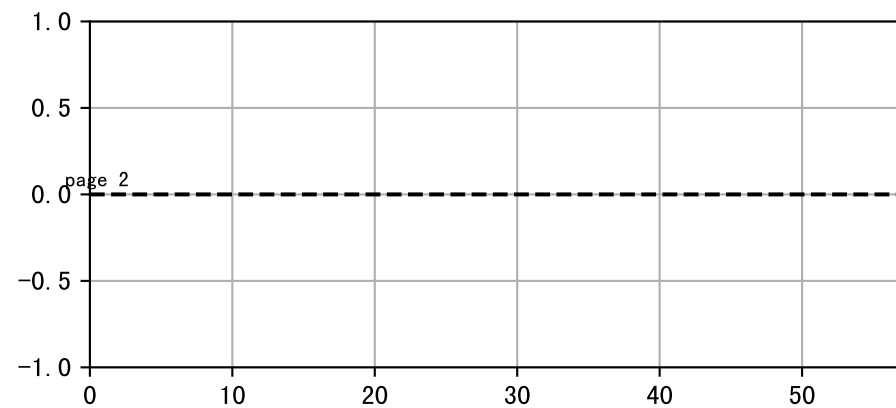
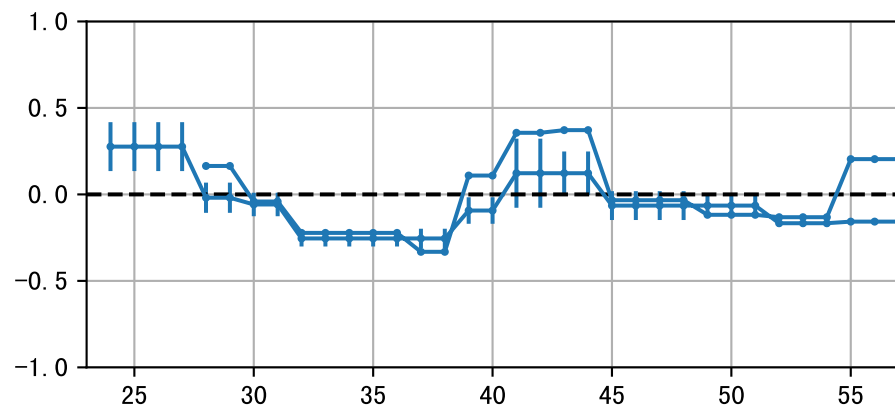
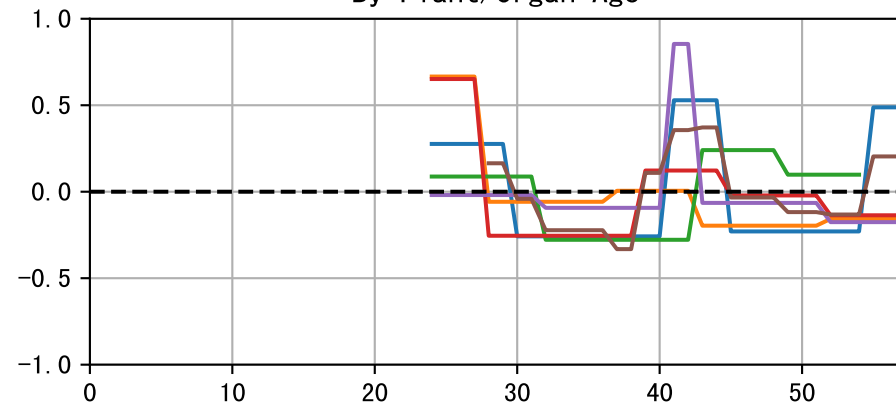
a (Def=0.14 Set=0.17)
avg1=0.18 $\sim$ 2% avg2=0.17 $\sim$ 4%
P6AW TSN



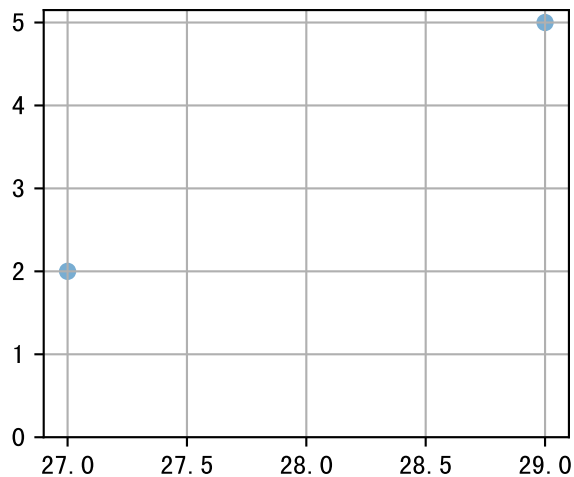
By Start Date



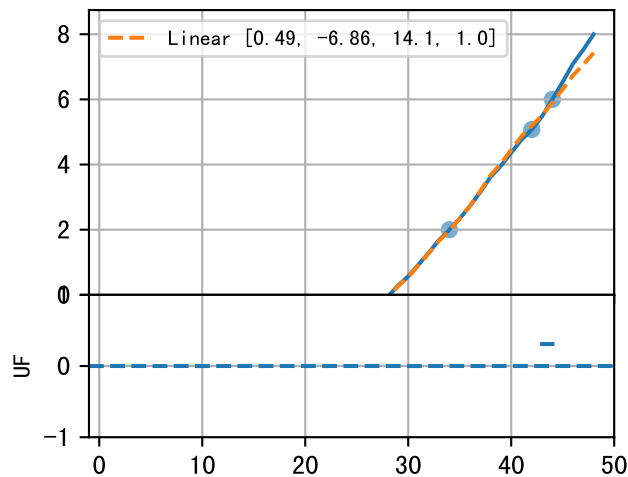
By Plant/Organ Age



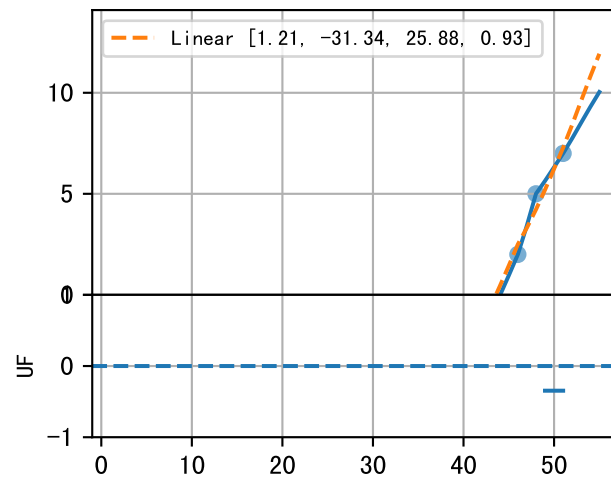
P6AW-058-22T1 (fit failed)



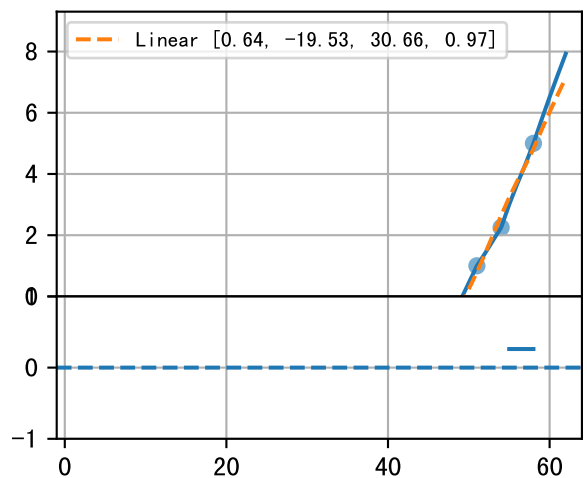
P6AW-058-22T2



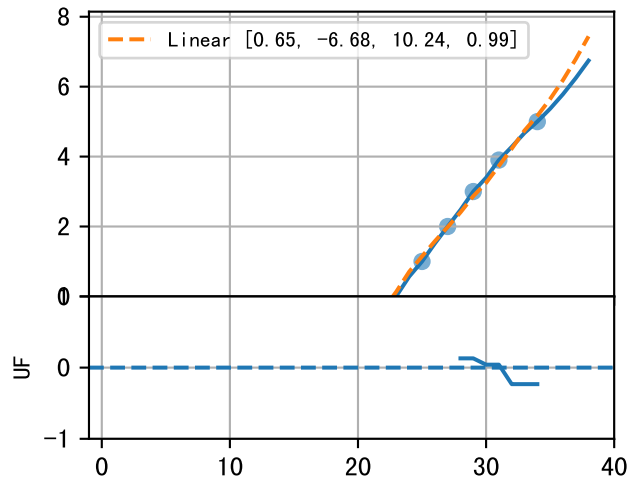
P6AW-058-22T3



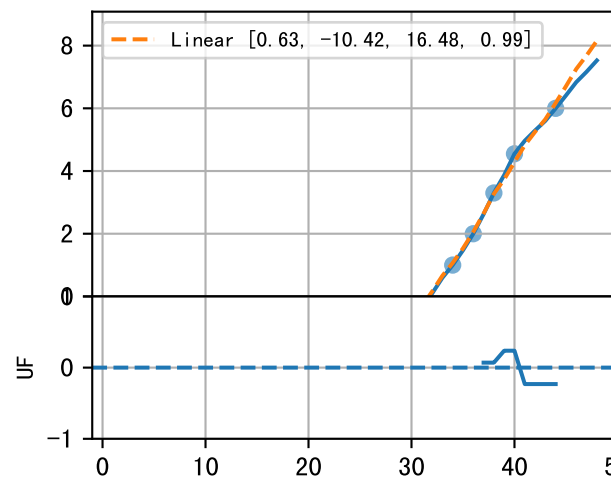
P6AW-058-22T4



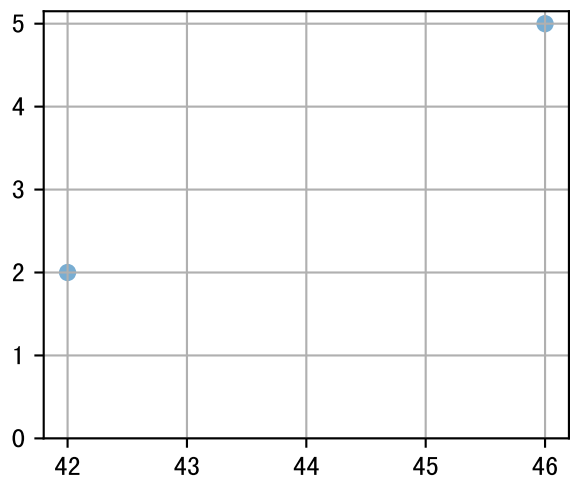
P6AW-074-9T1



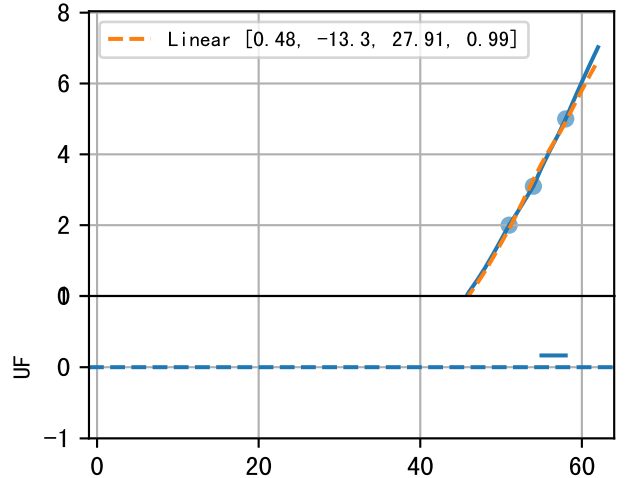
P6AW-074-9T2



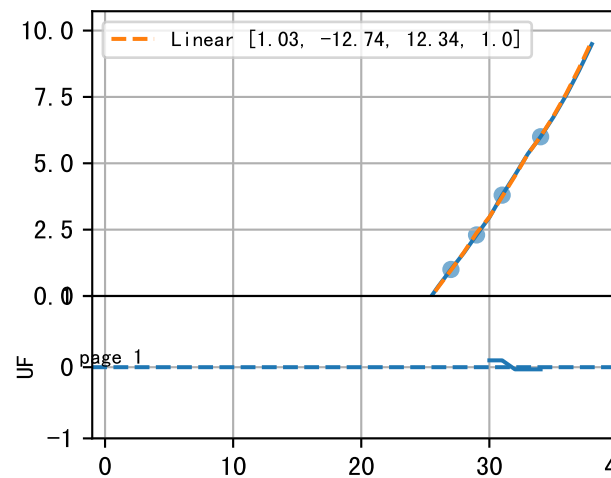
P6AW-074-9T3 (fit failed)



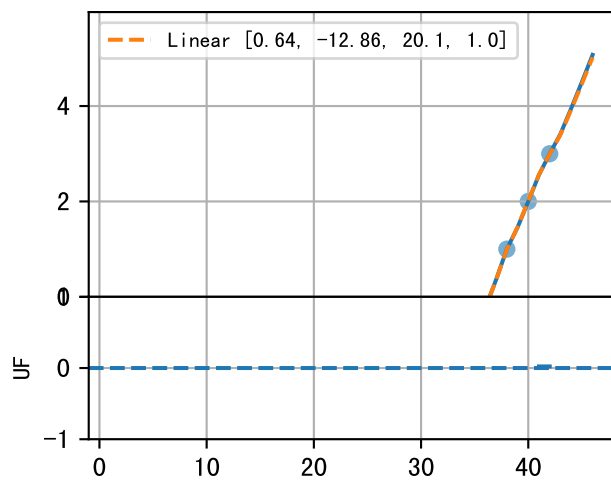
P6AW-074-9T4



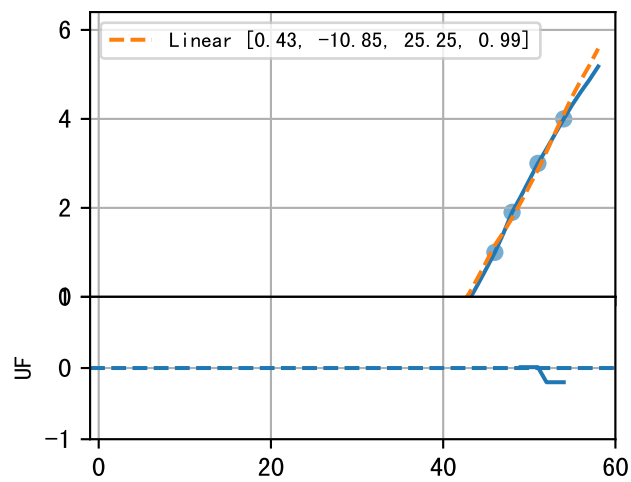
P6AW-087-14T1



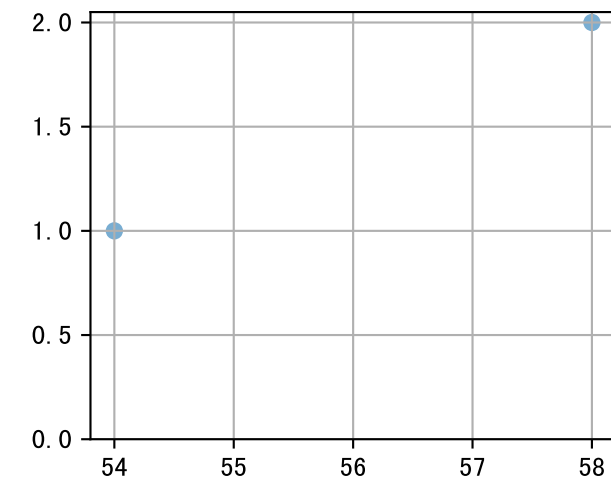
P6AW-087-14T2



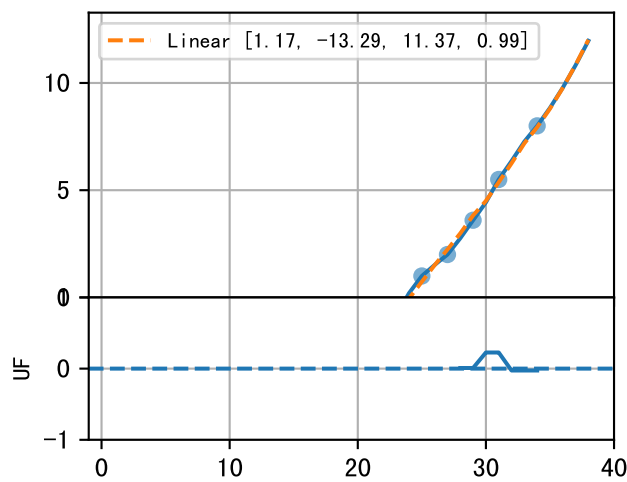
P6AW-087-14T3



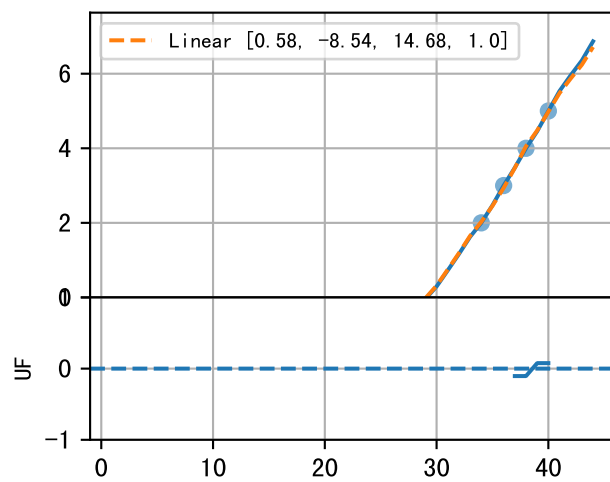
P6AW-087-14T4 (fit failed)



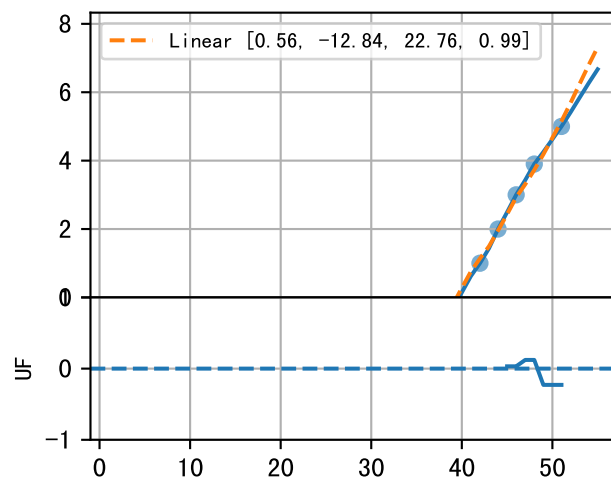
P6AW-095-29T1



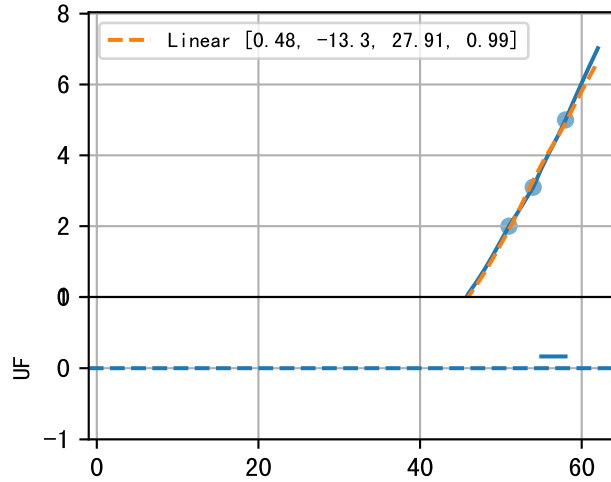
P6AW-095-29T2



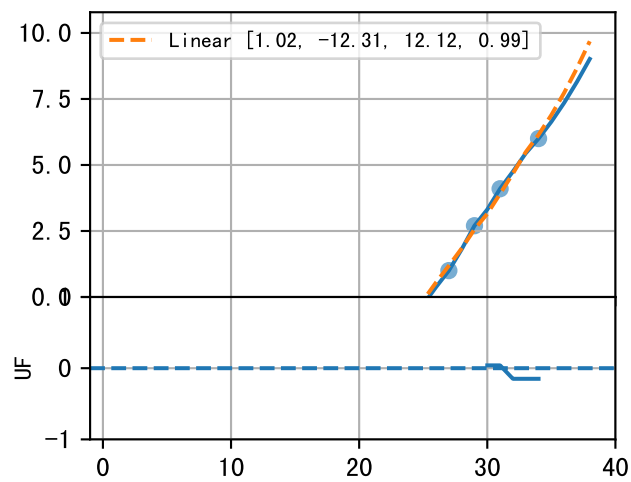
P6AW-095-29T3



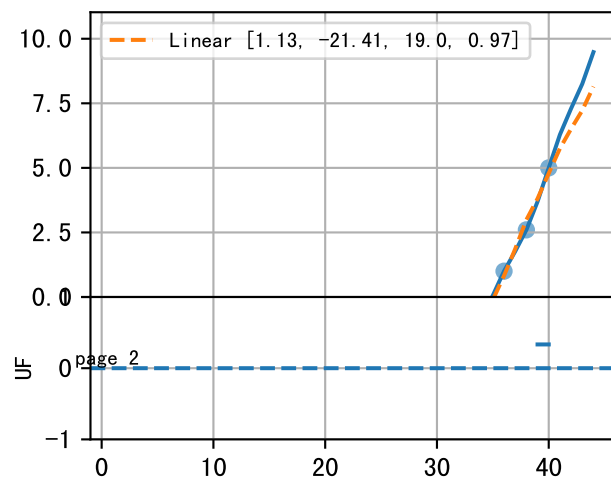
P6AW-095-29T4



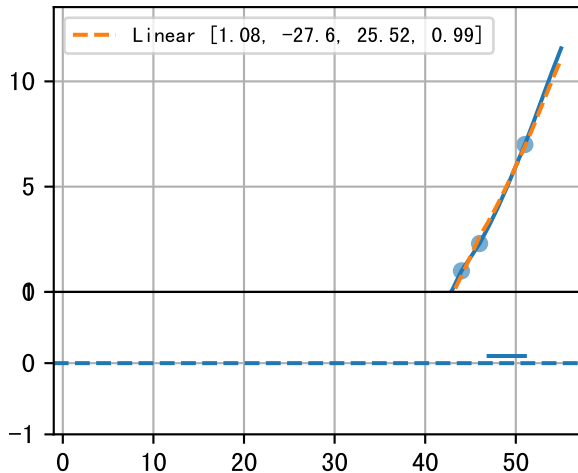
P6AW-106-11T1



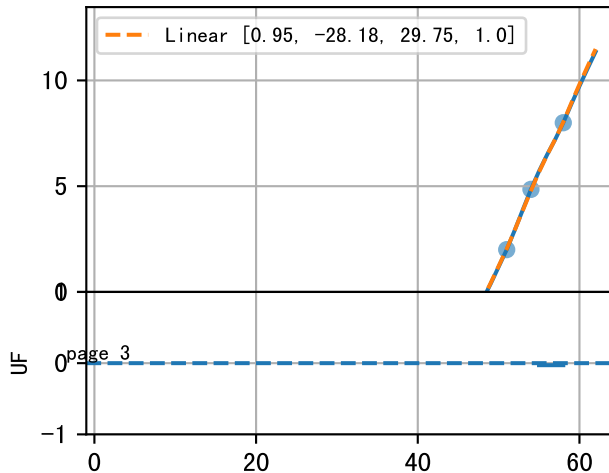
P6AW-106-11T2



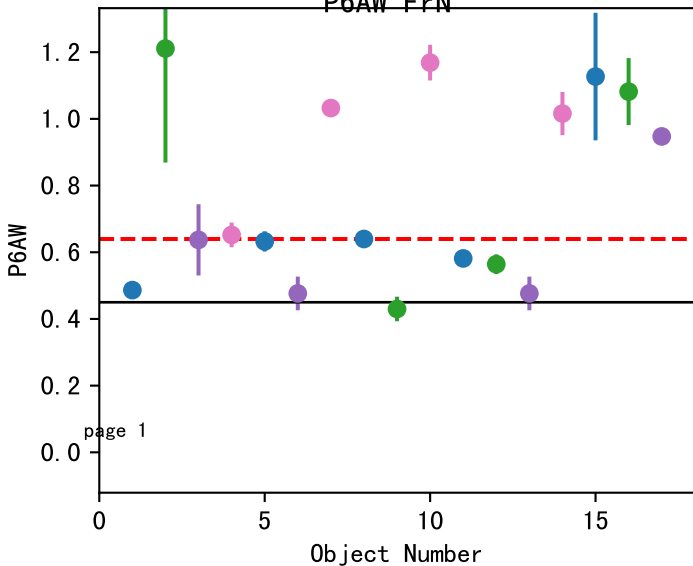
P6AW-106-11T3



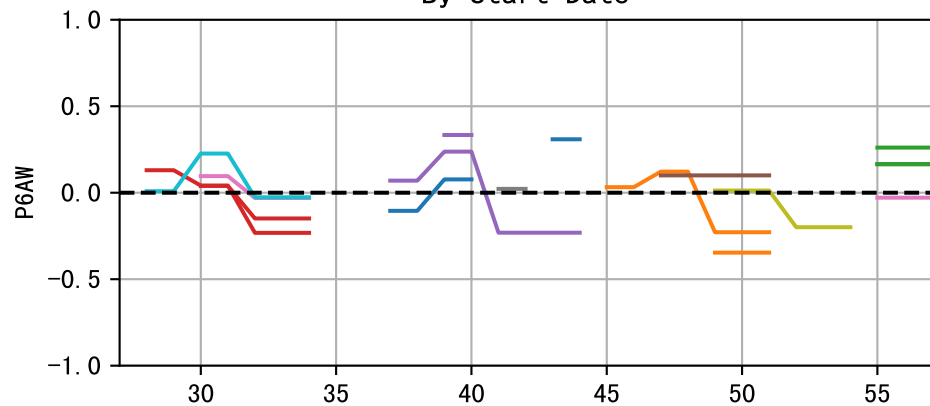
P6AW-106-11T4



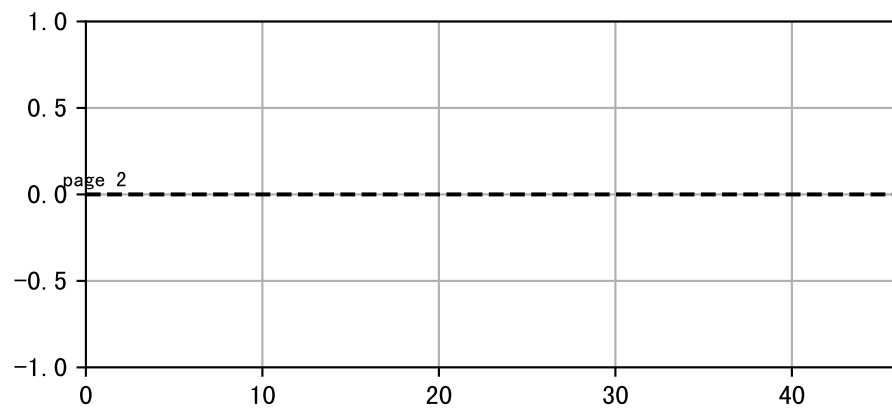
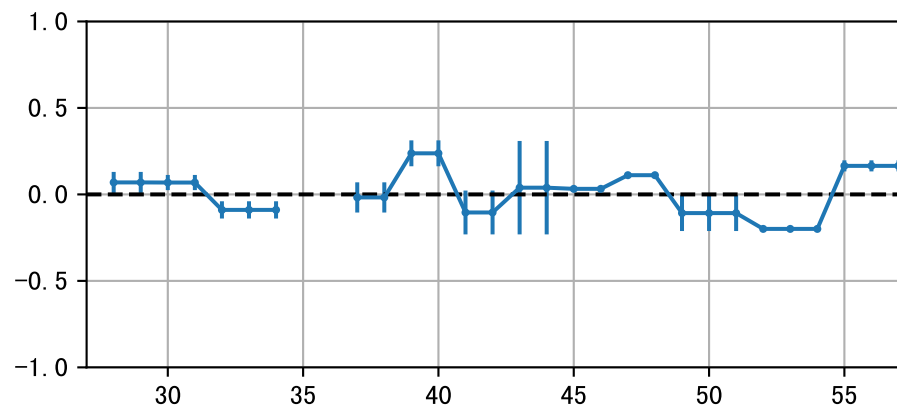
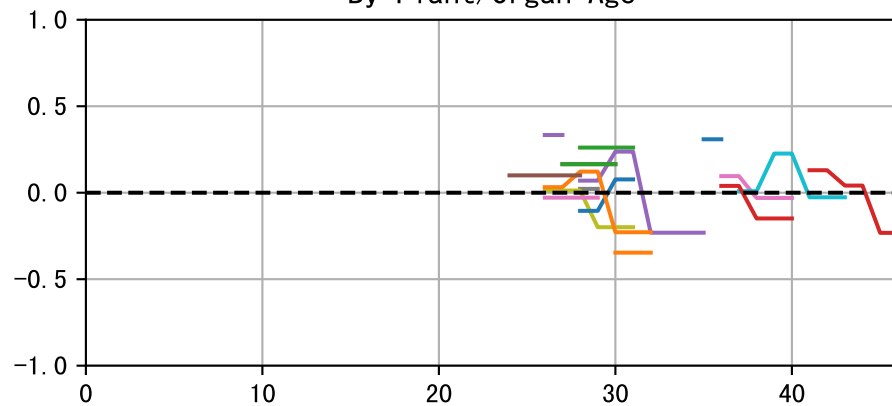
a (Def=0.45 Set=0.64)
avg1=0.64~44% avg2=na



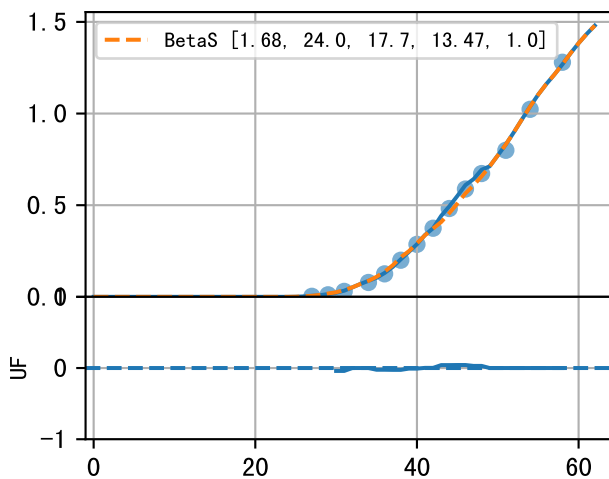
By Start Date



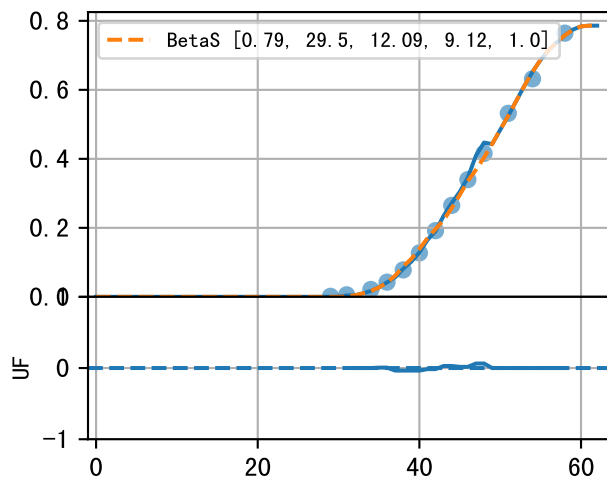
By Plant/Organ Age



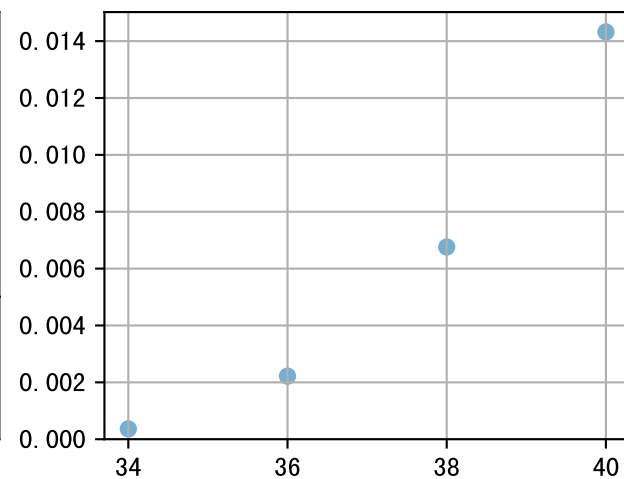
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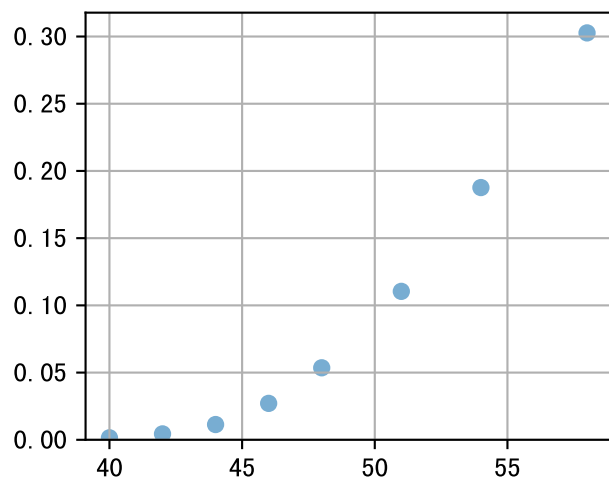
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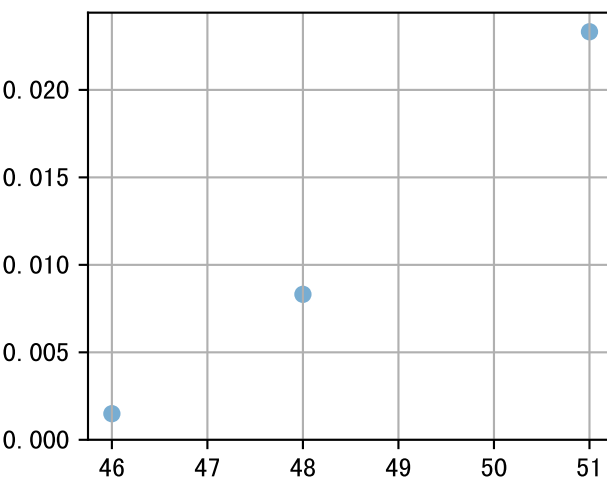
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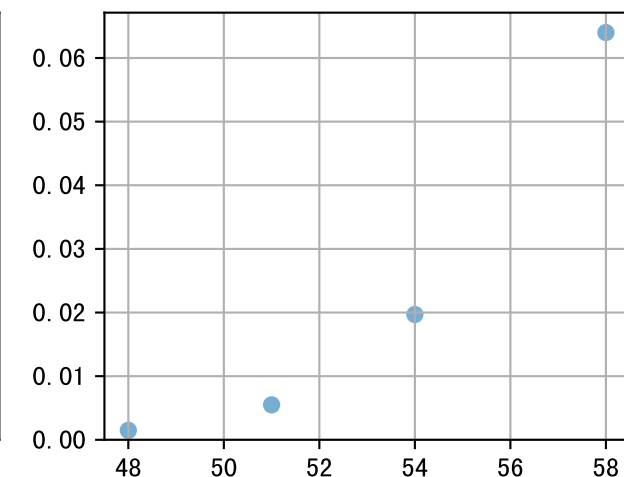
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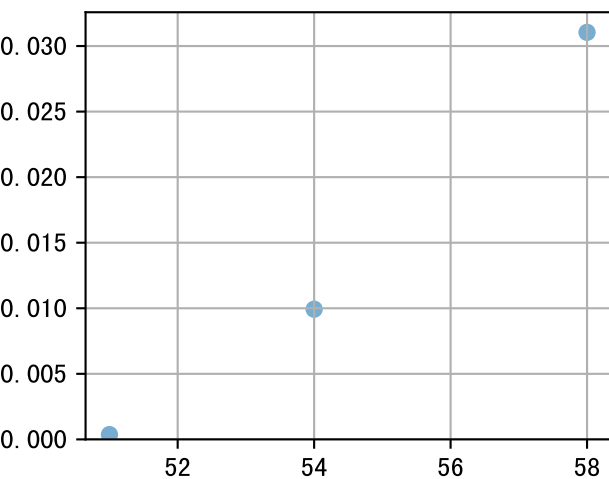
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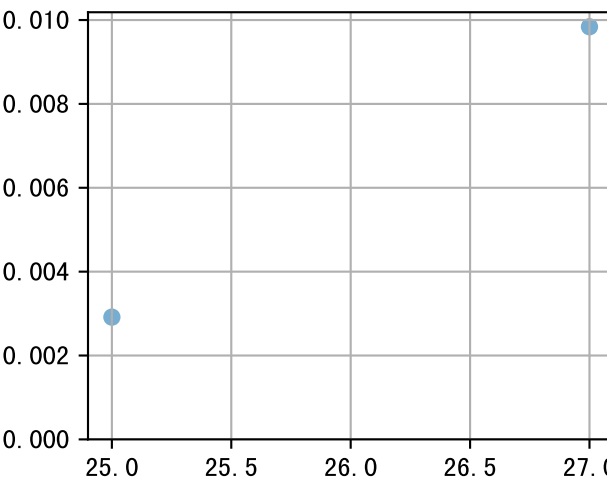
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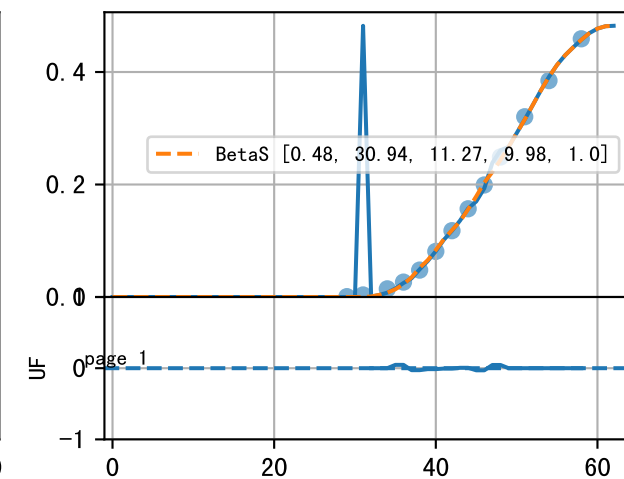
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P6AW-074-9T1Fr1 (fit failed)

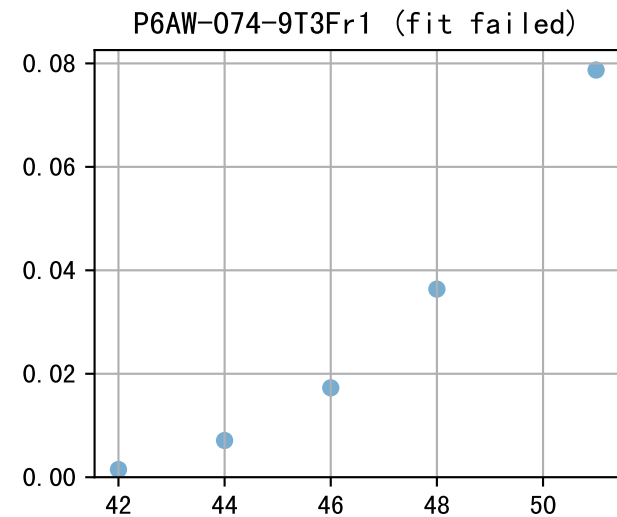
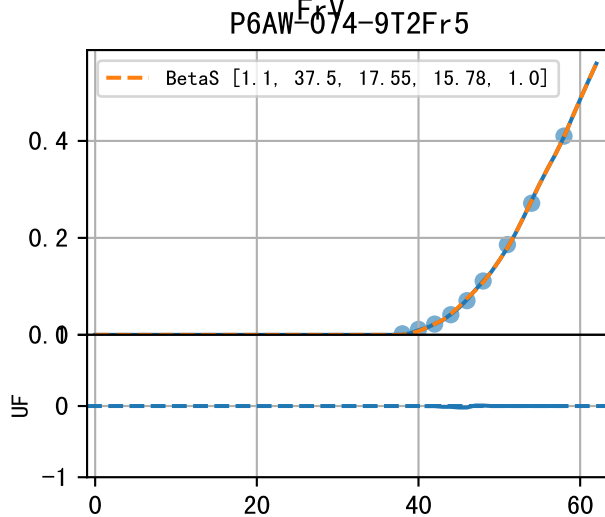
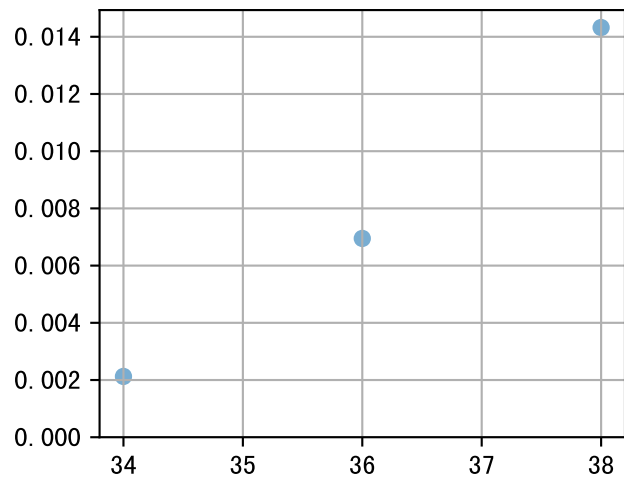


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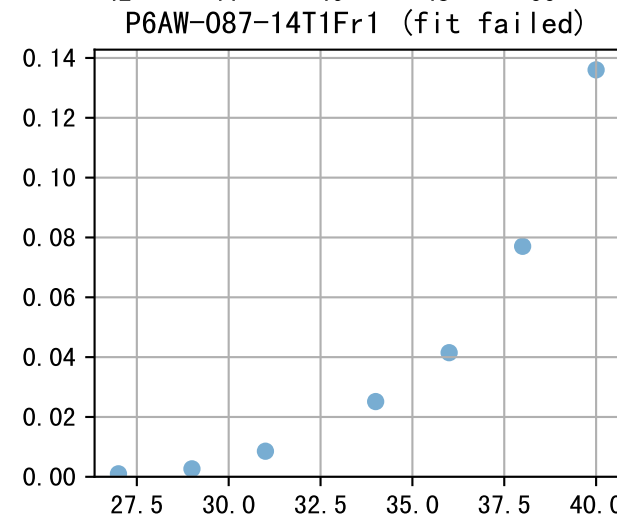
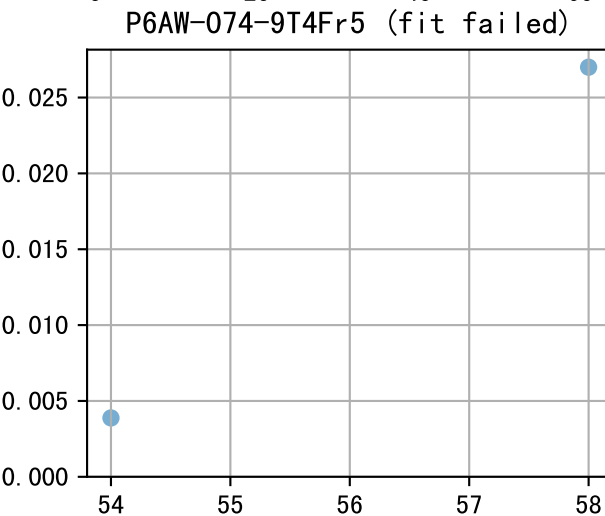
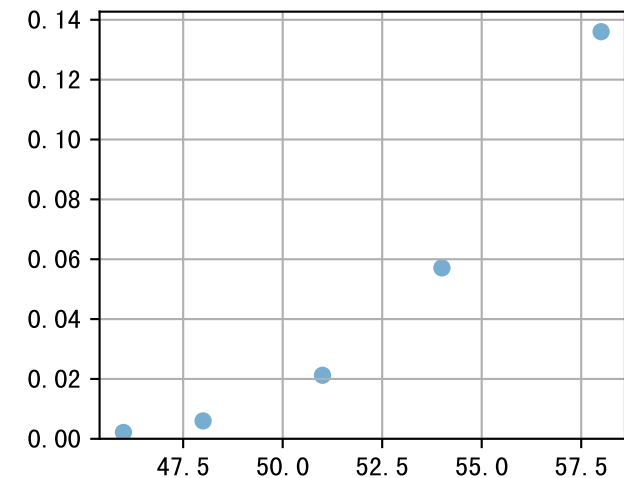


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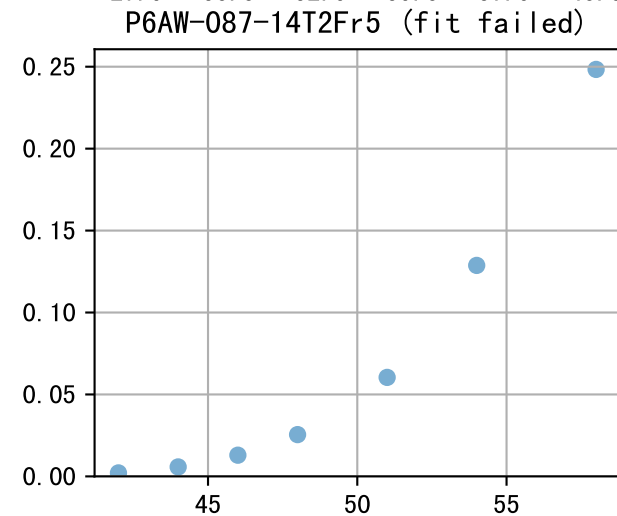
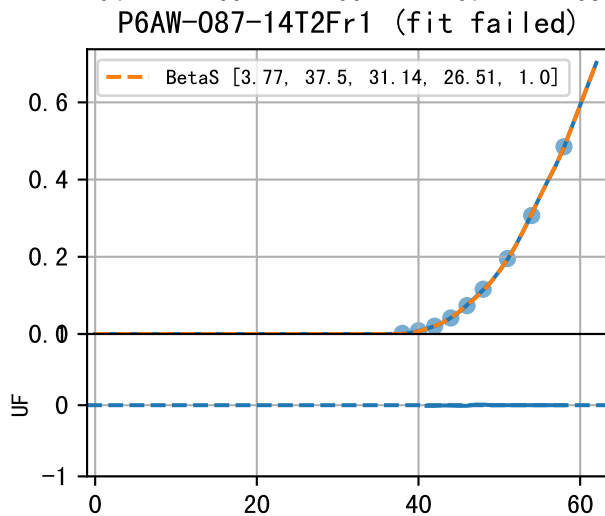
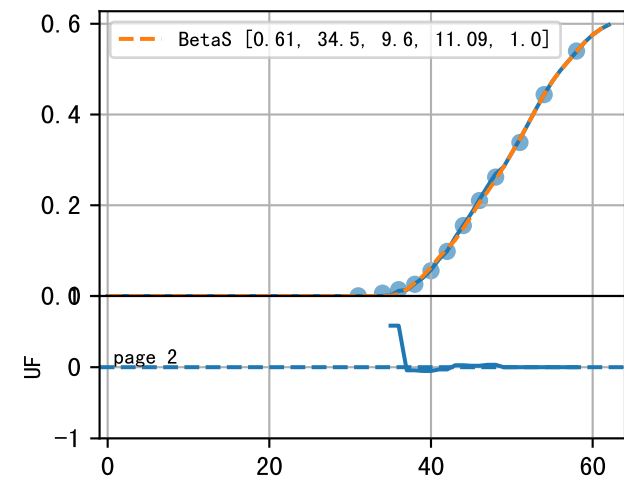
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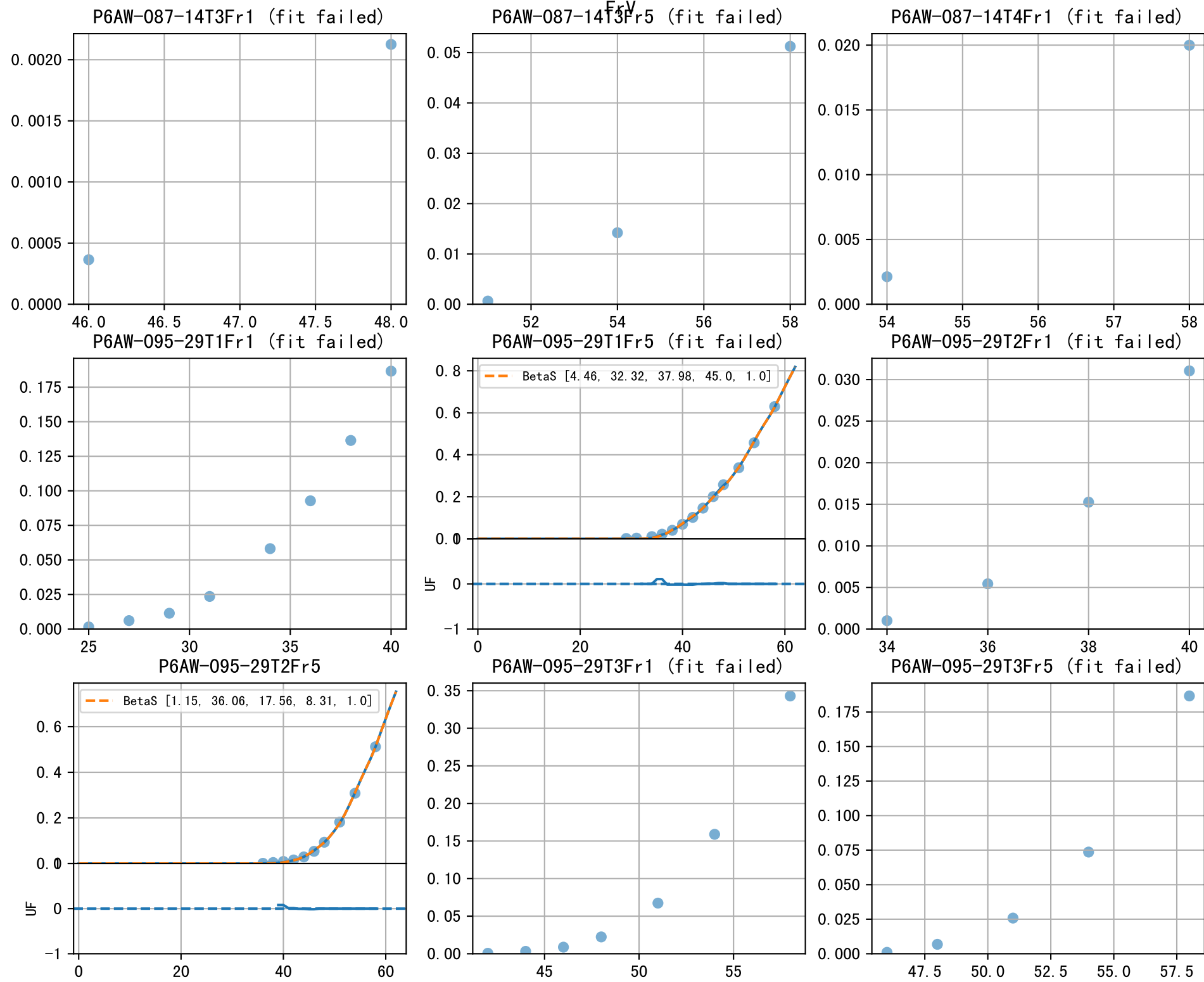


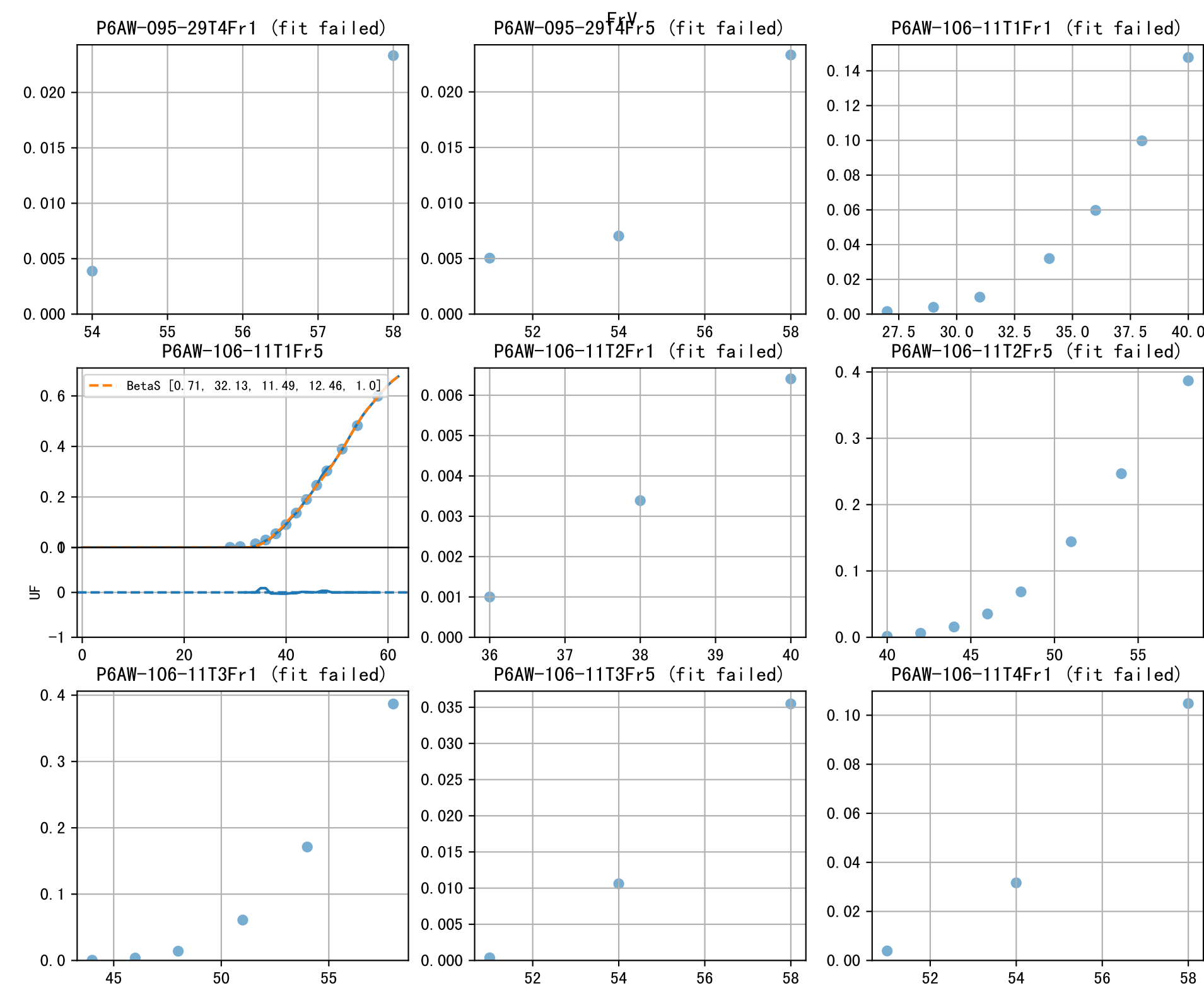
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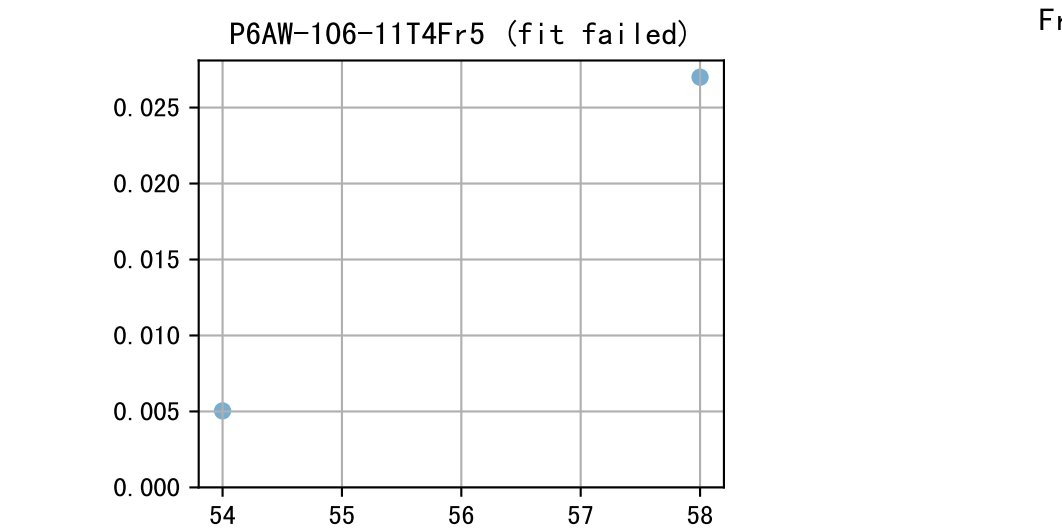


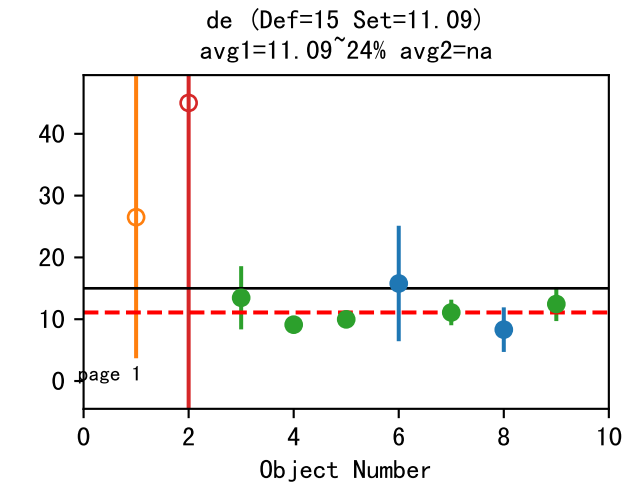
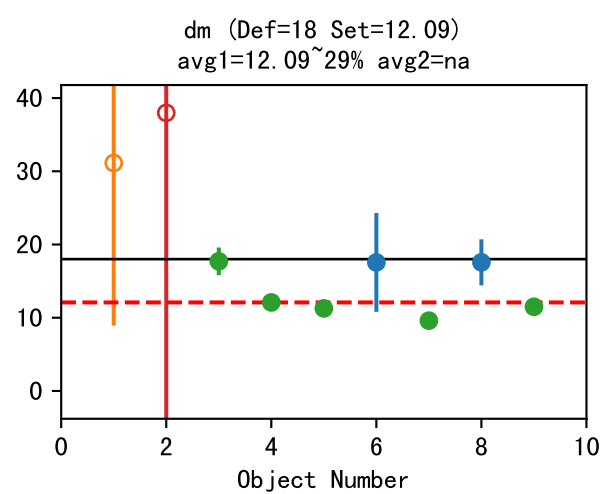
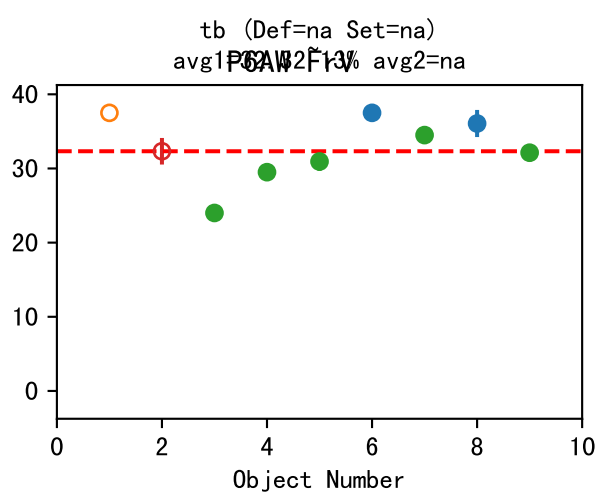
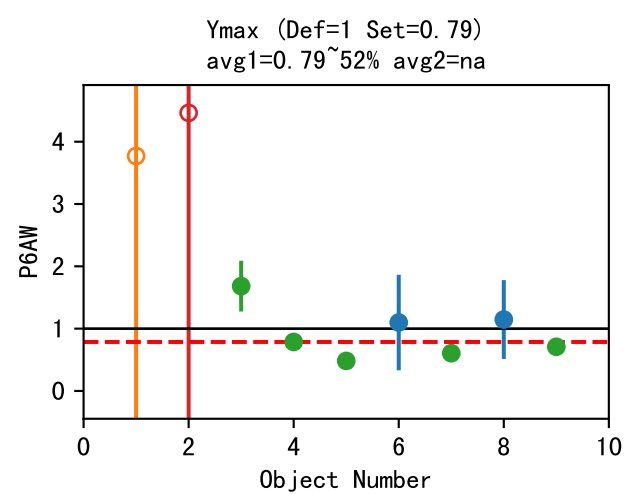
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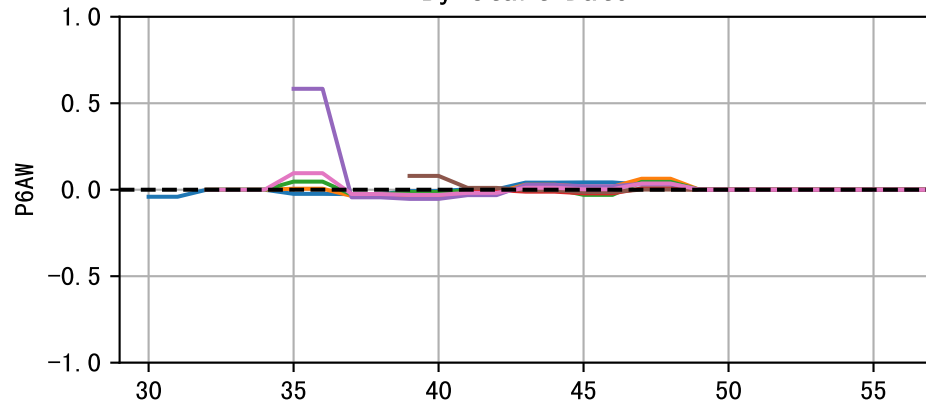




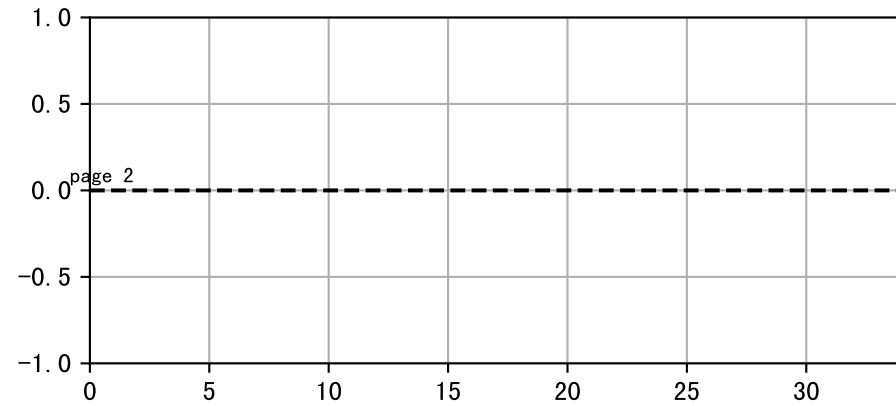
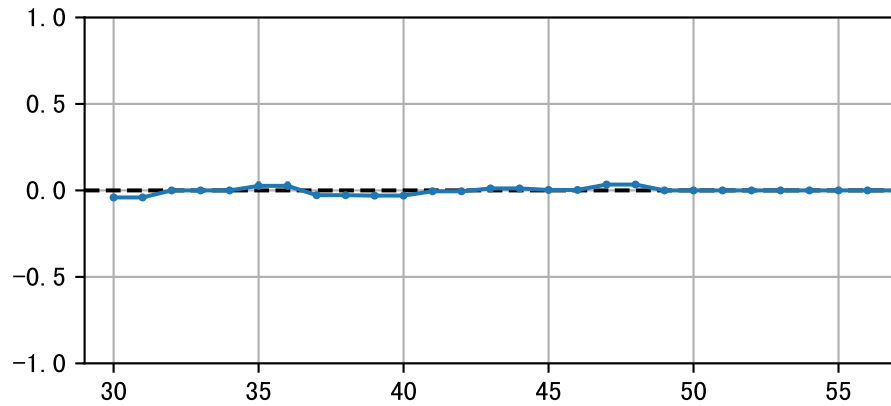
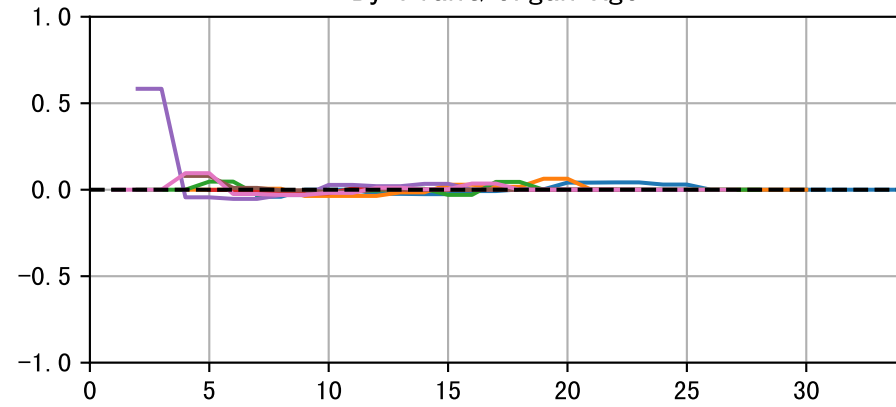


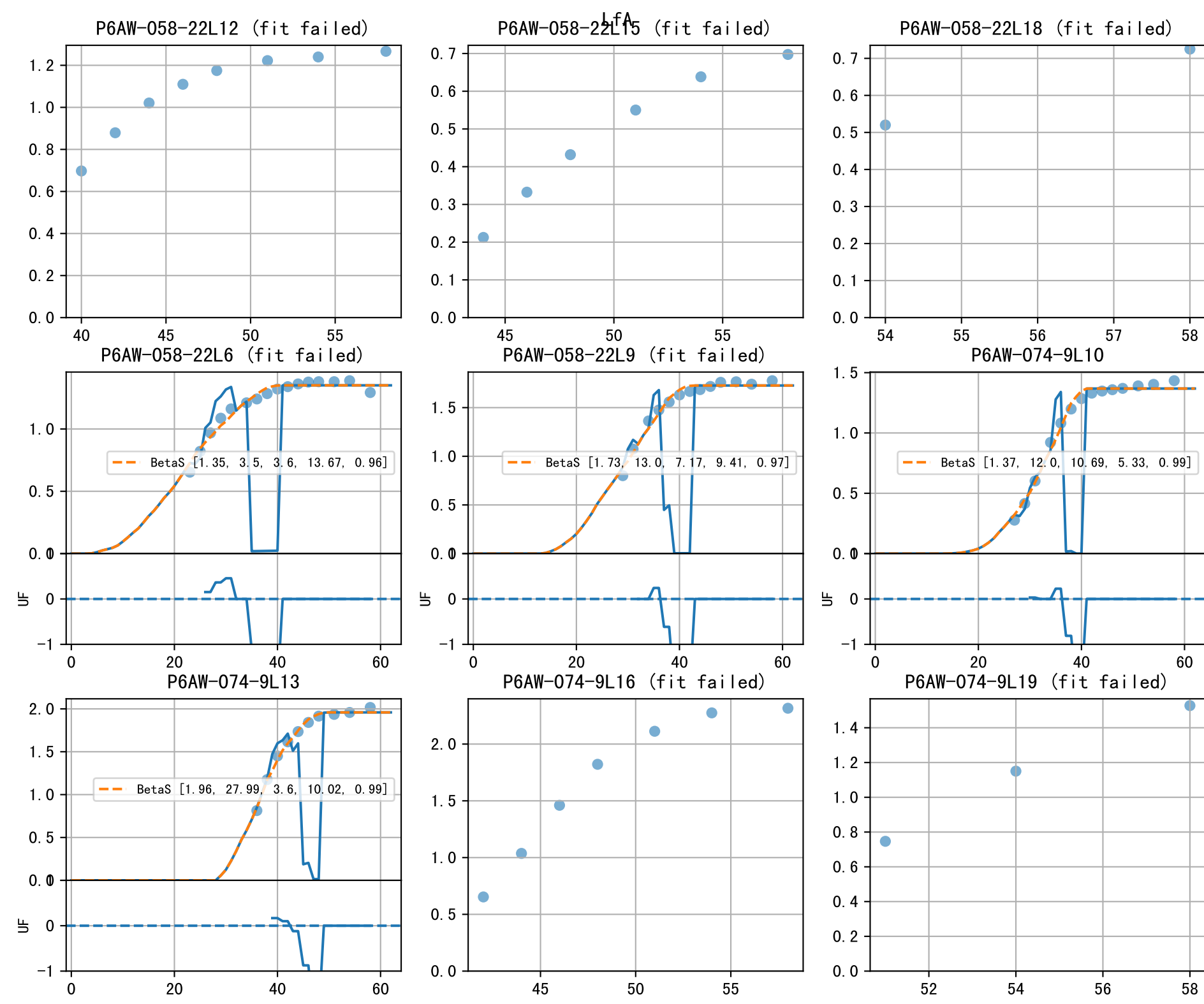


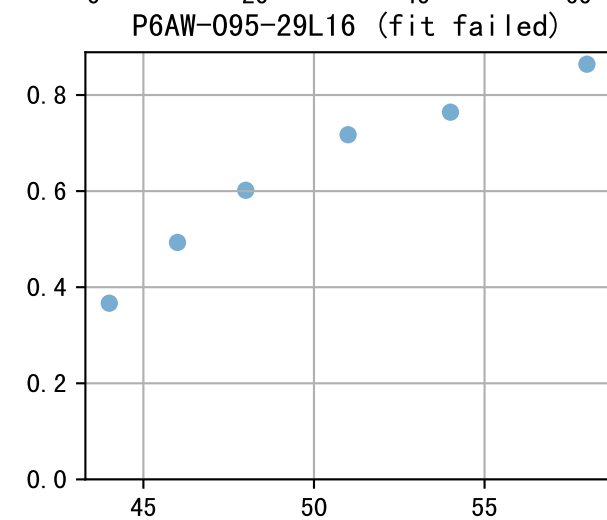
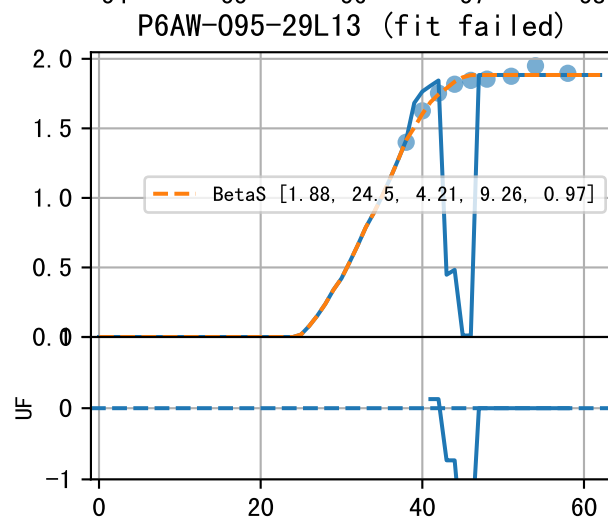
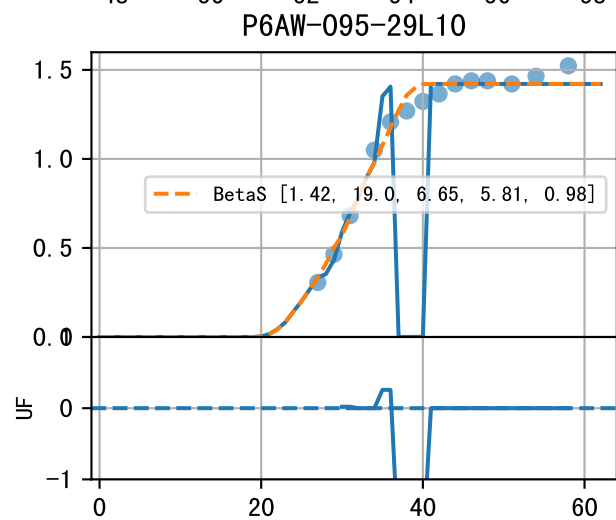
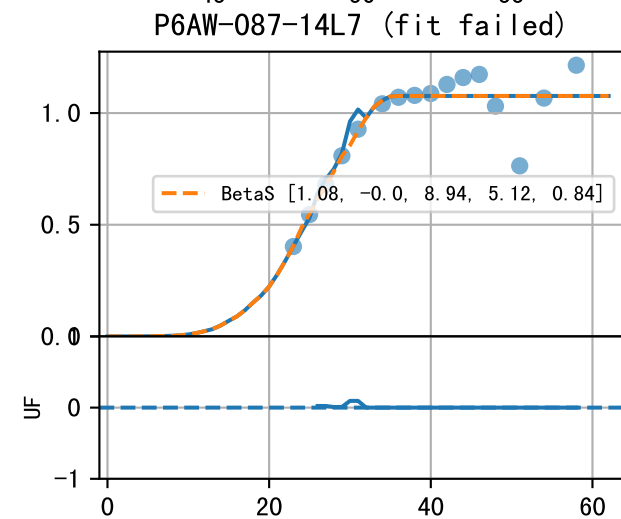
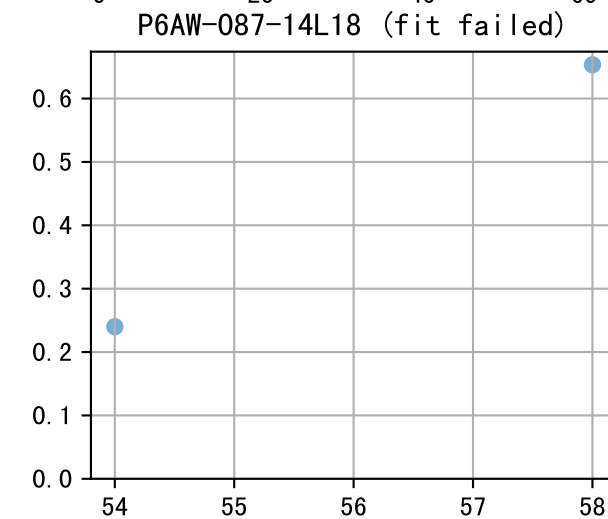
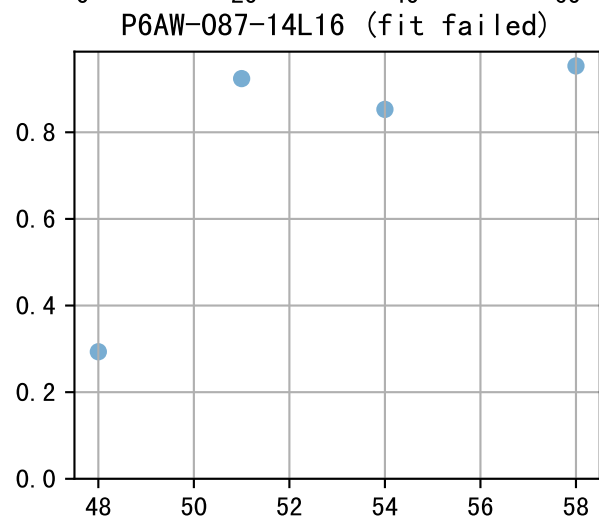
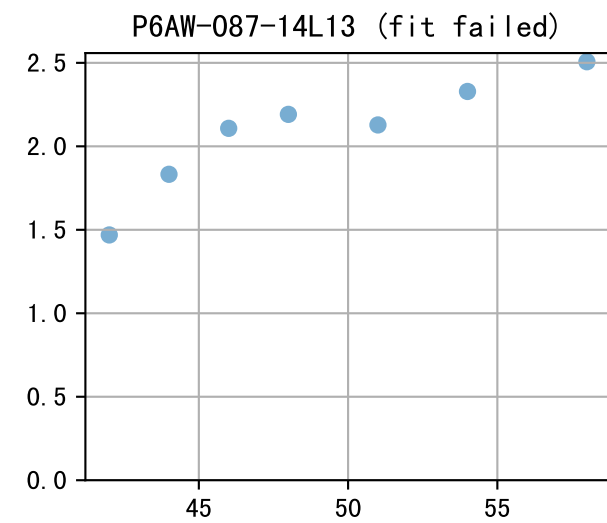
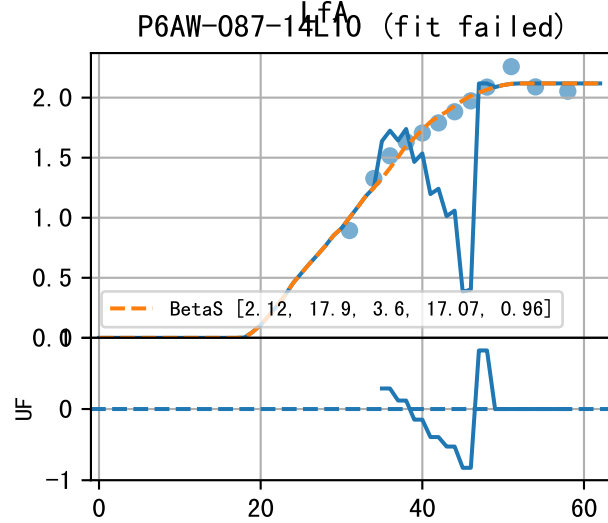
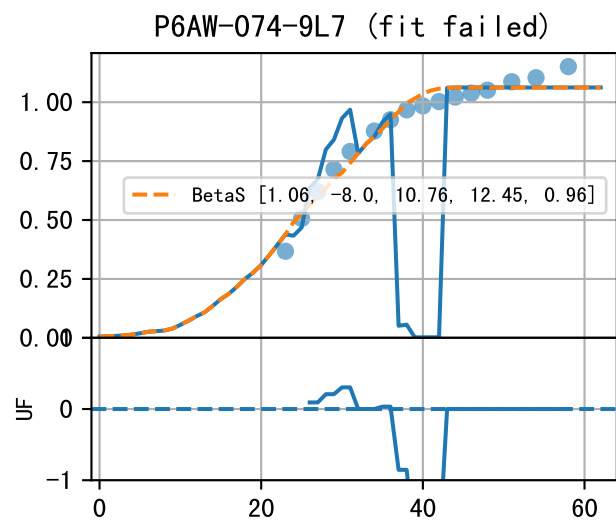
By Start Date



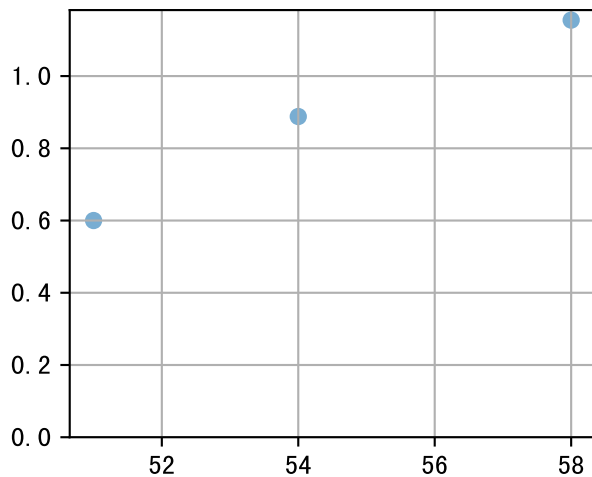
By Plant/Organ Age



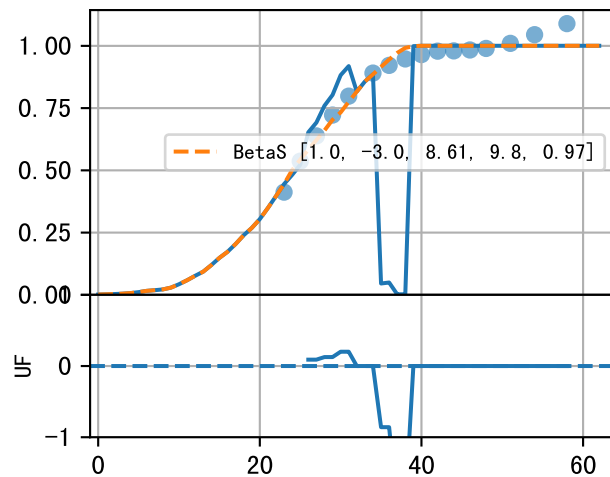




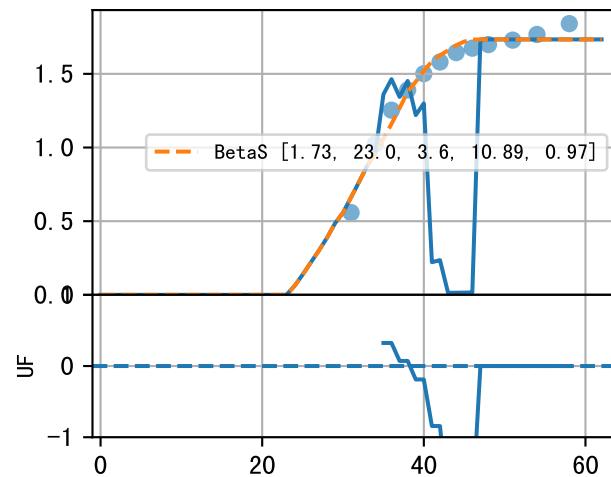
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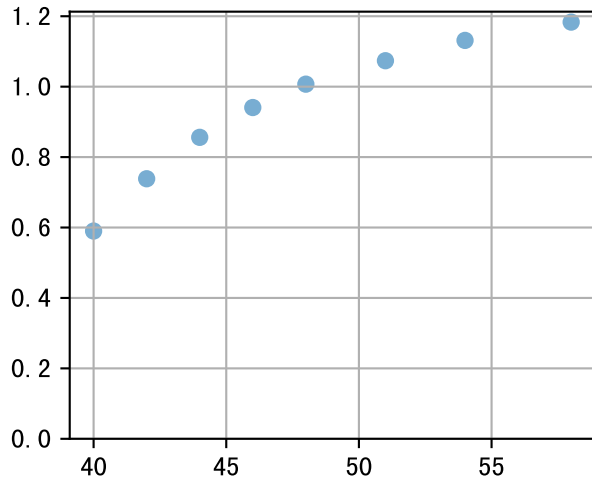
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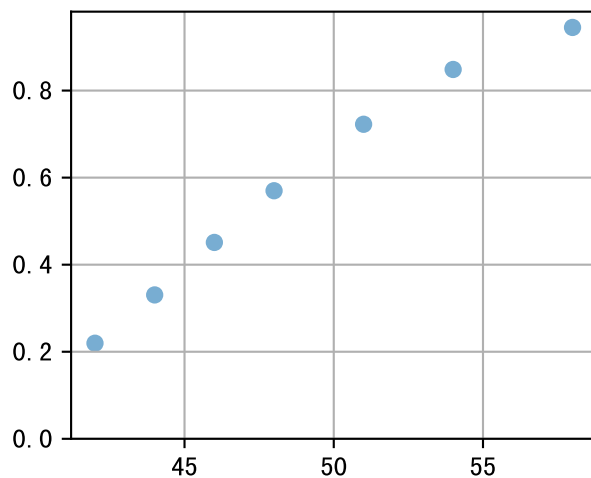
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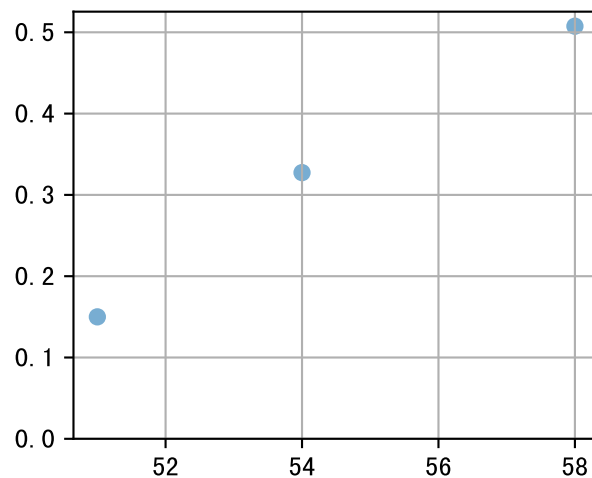
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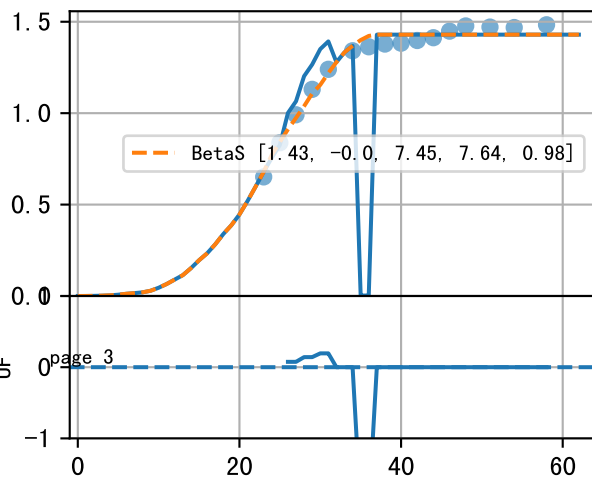
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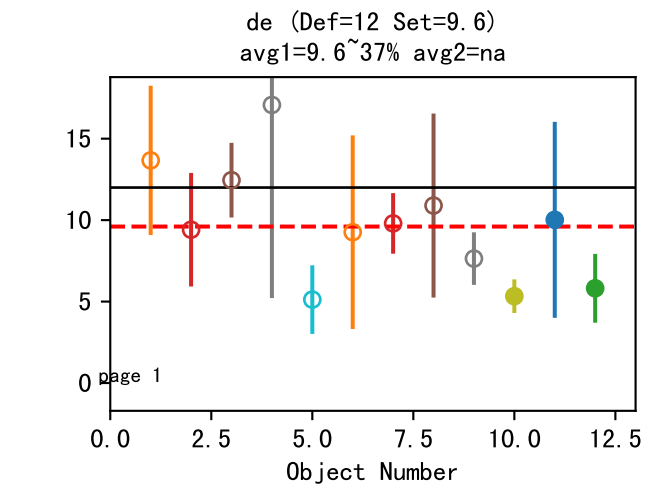
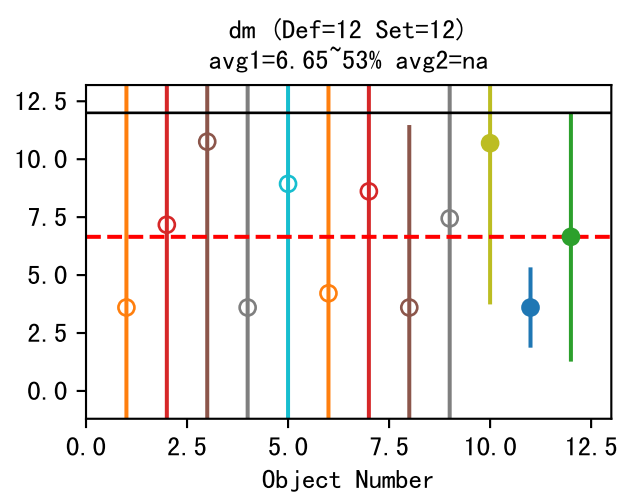
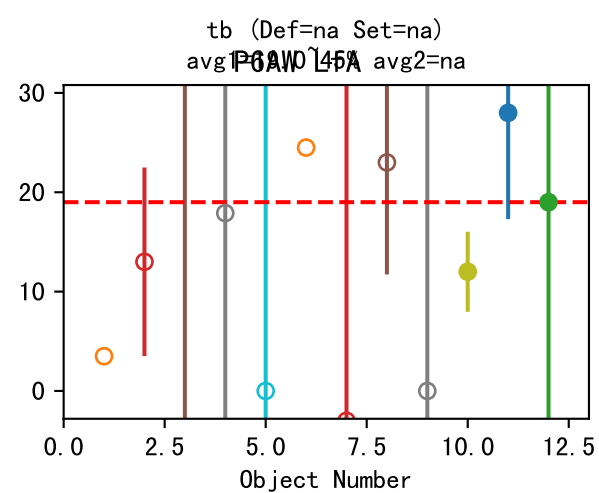
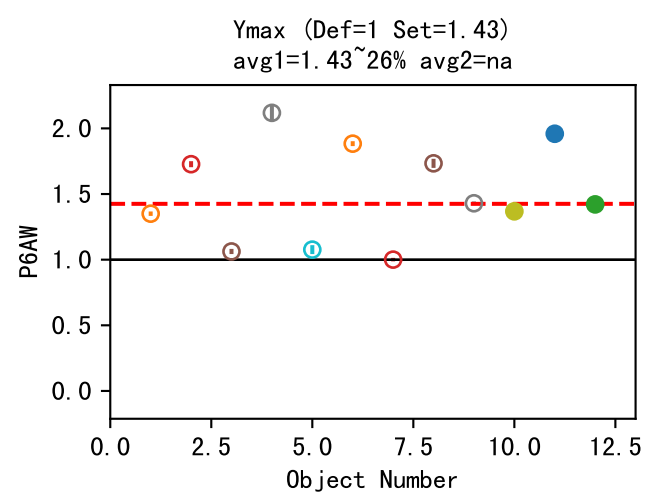


P6AW-106-11L19 (fit failed)

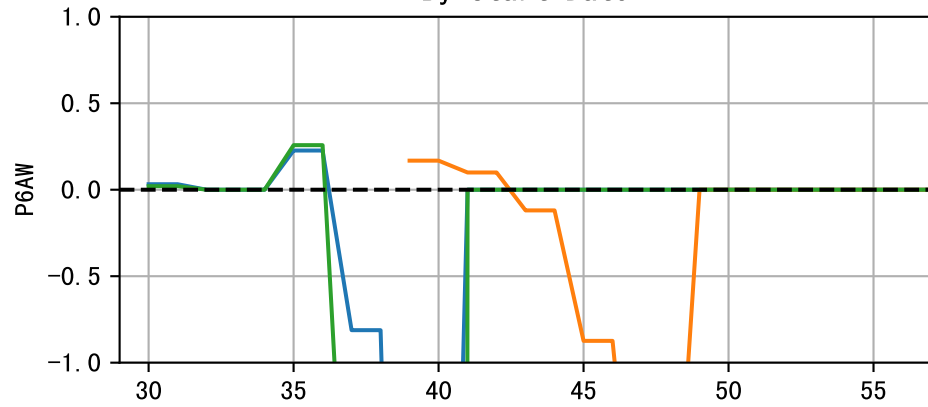


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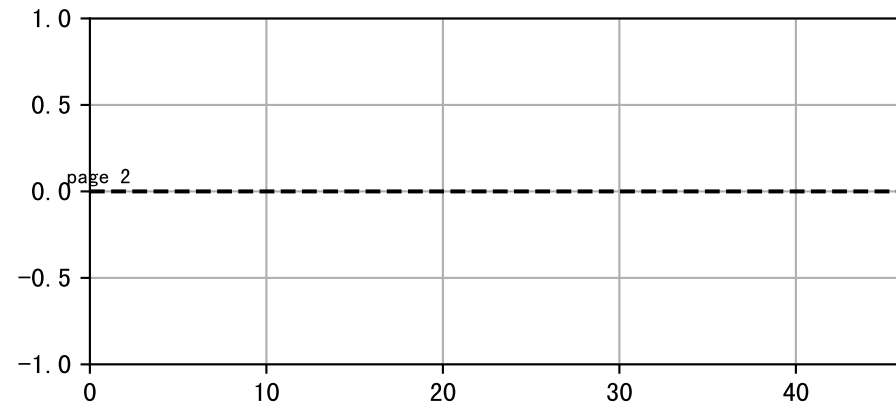
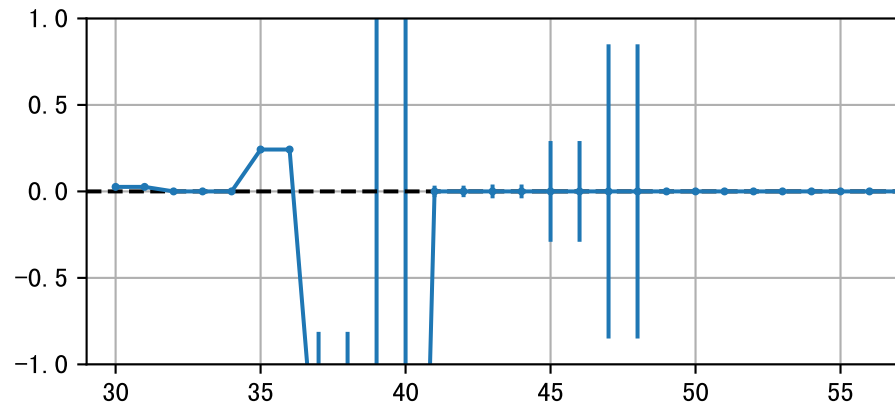
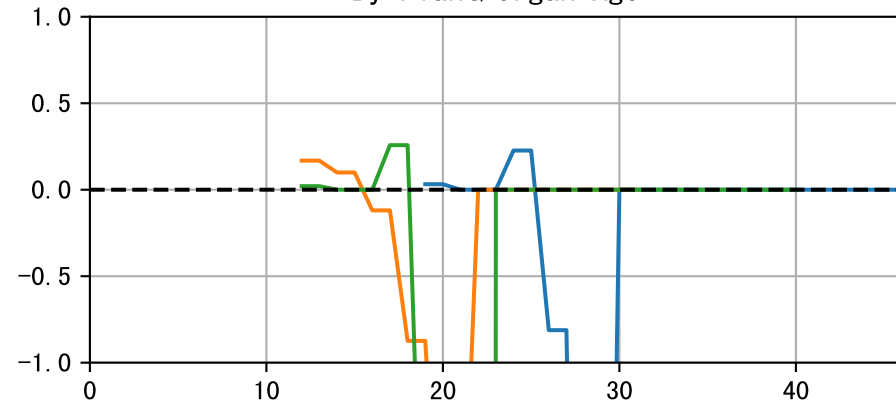


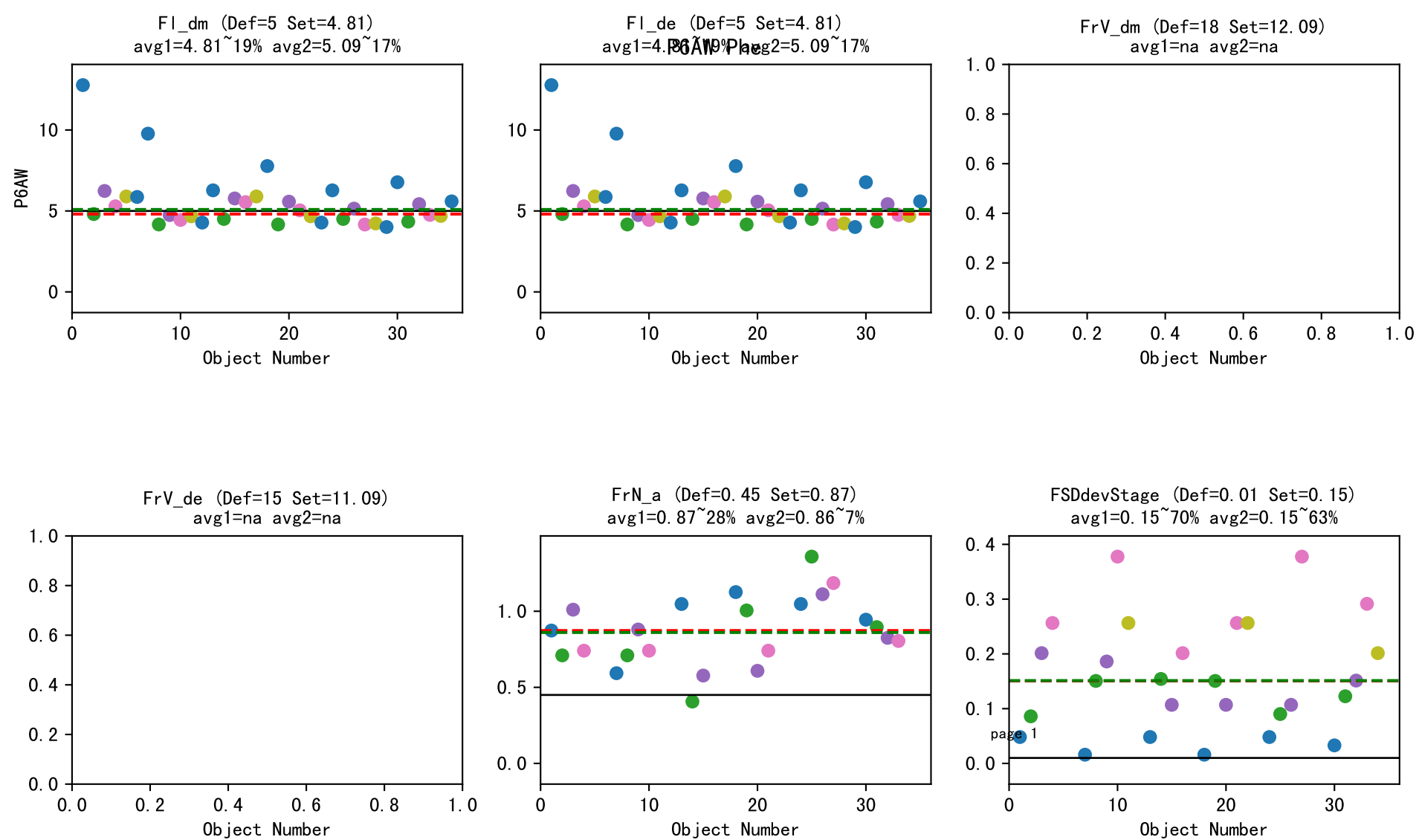


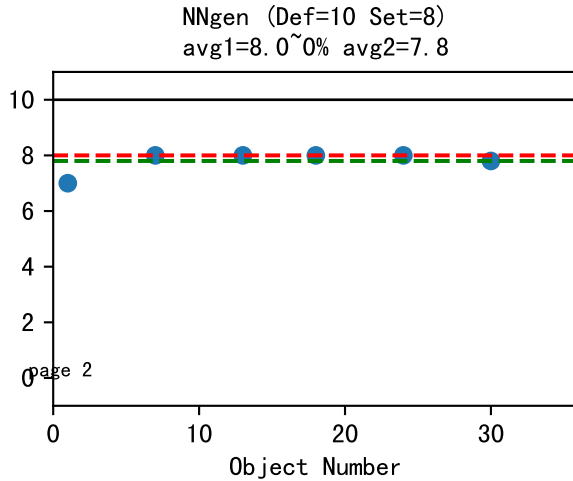
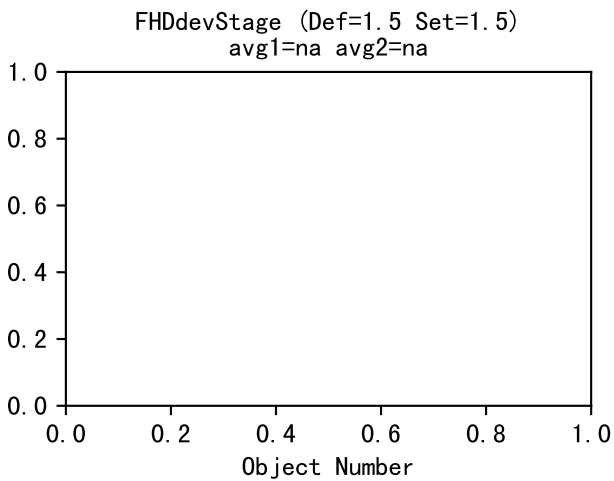
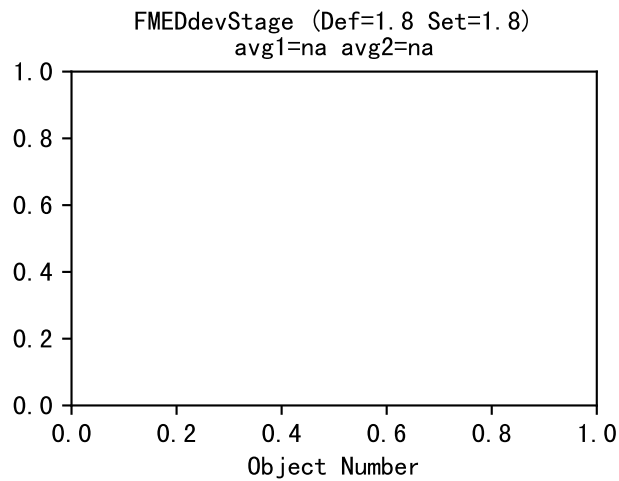
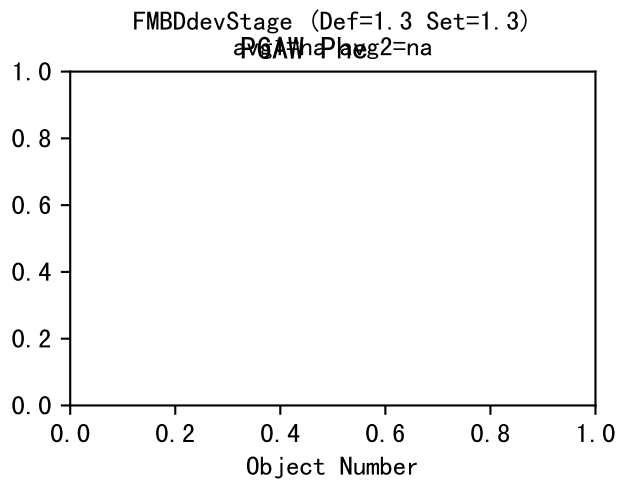
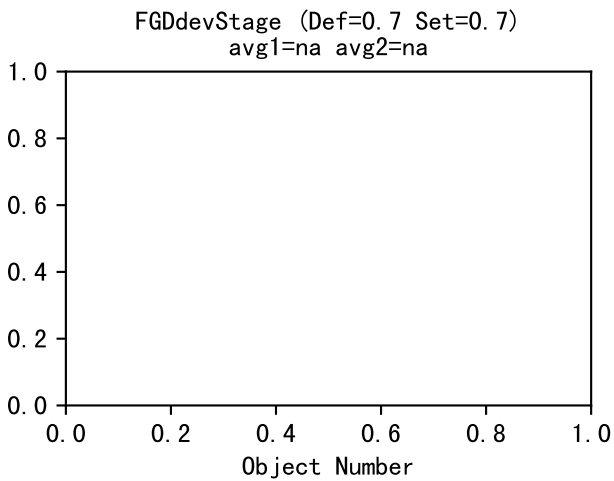
By Start Date



By Plant/Organ Age

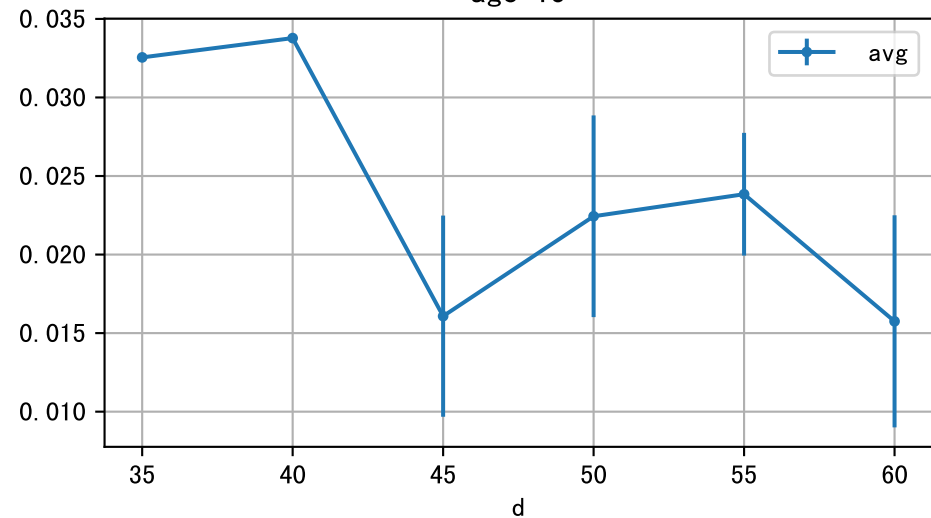




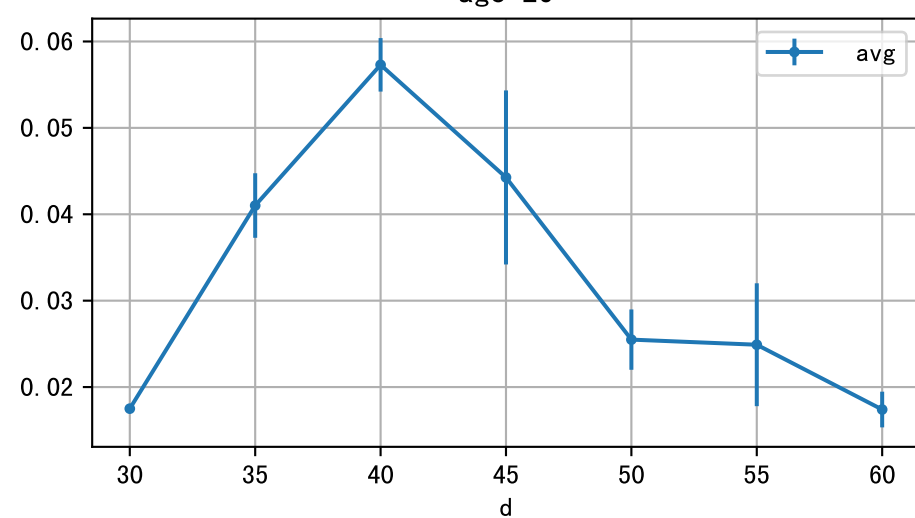


LfA: avg vs. d at each age group

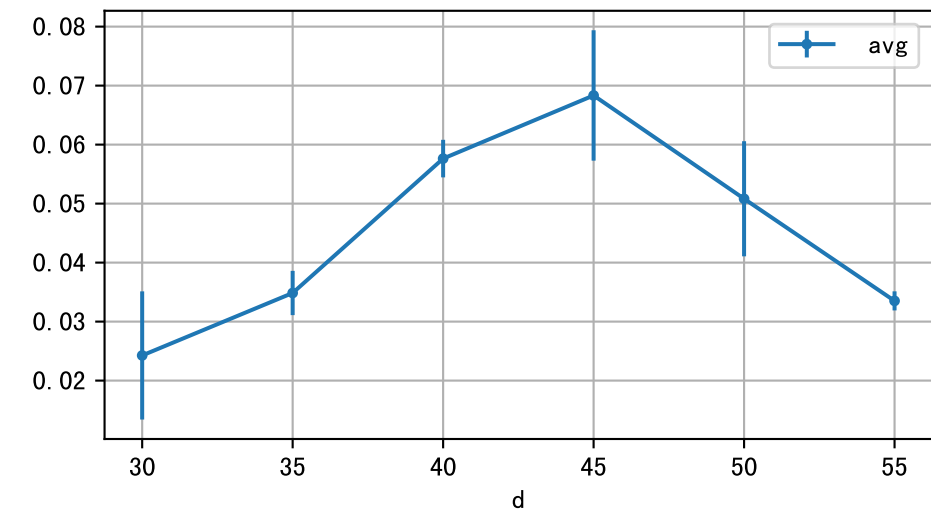
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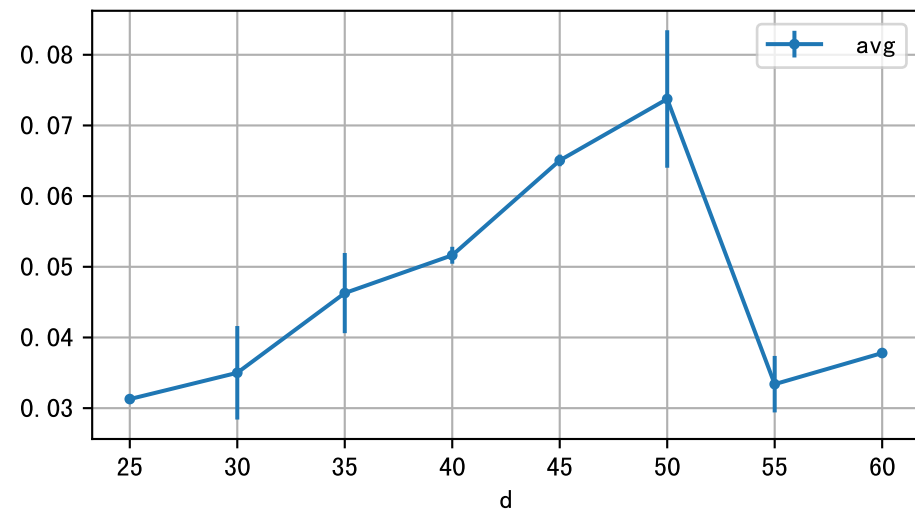
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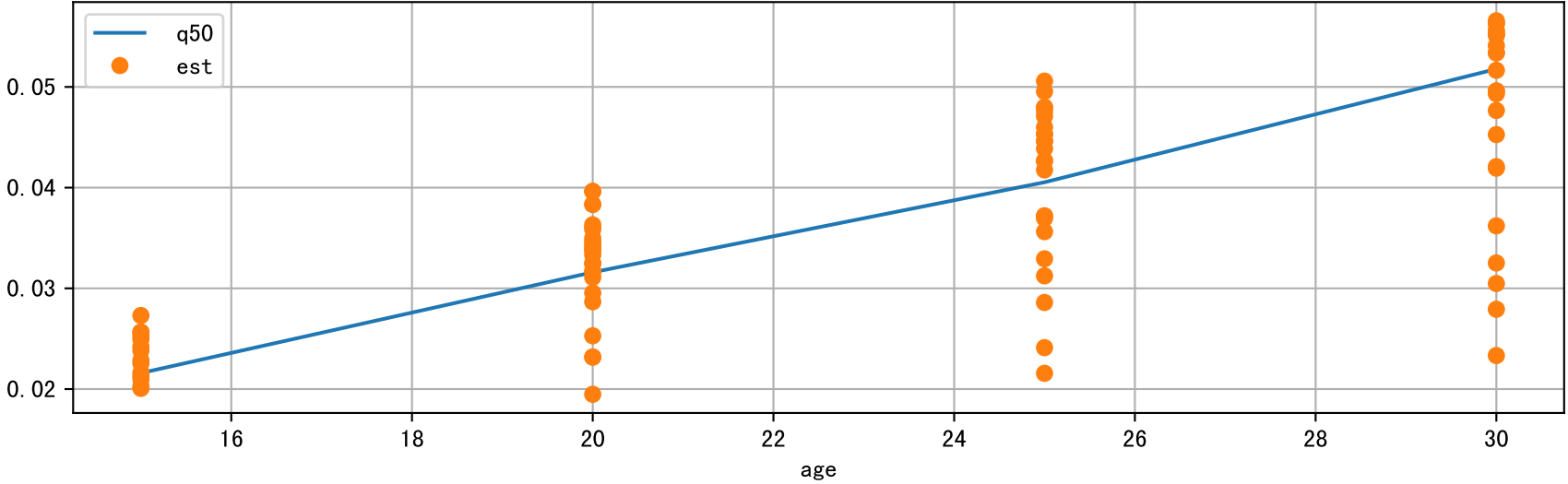
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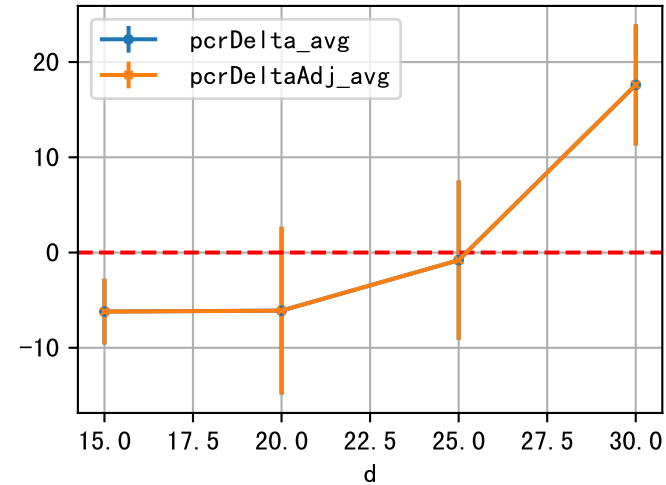
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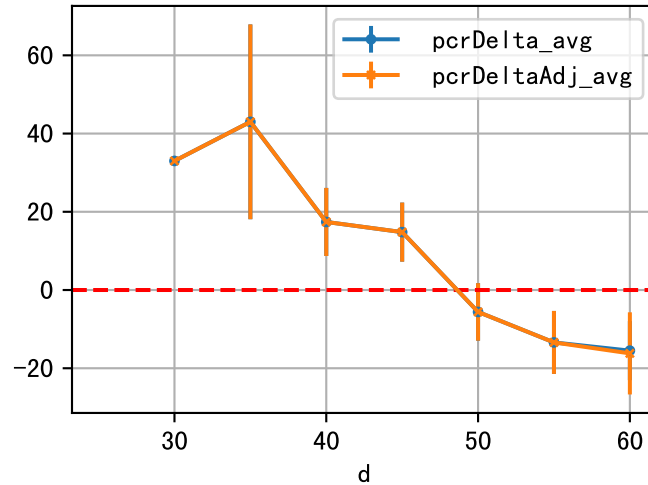
LfA: model est vs obs0v@Q50



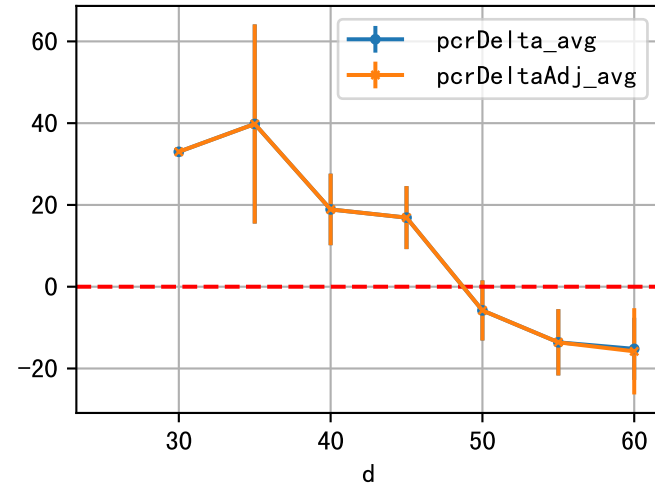
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DeltaTypeAbbr=GrpByDay



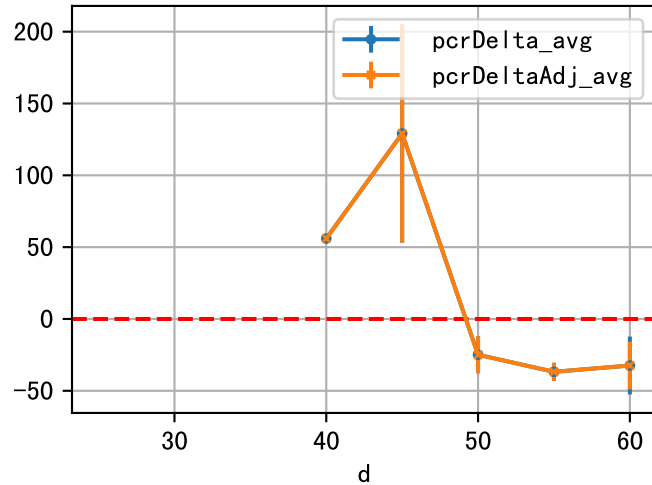
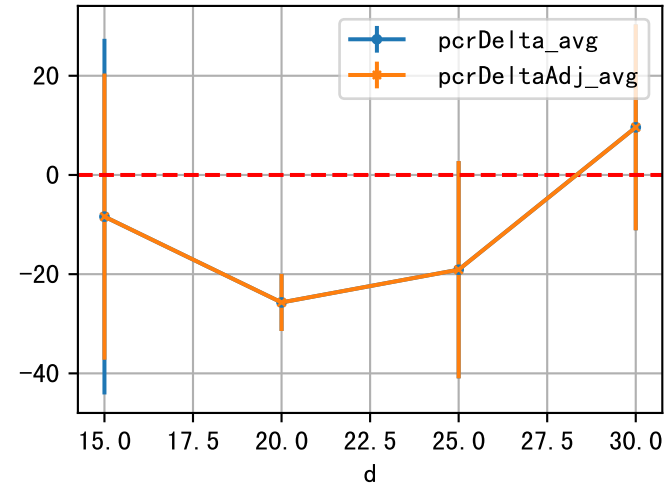
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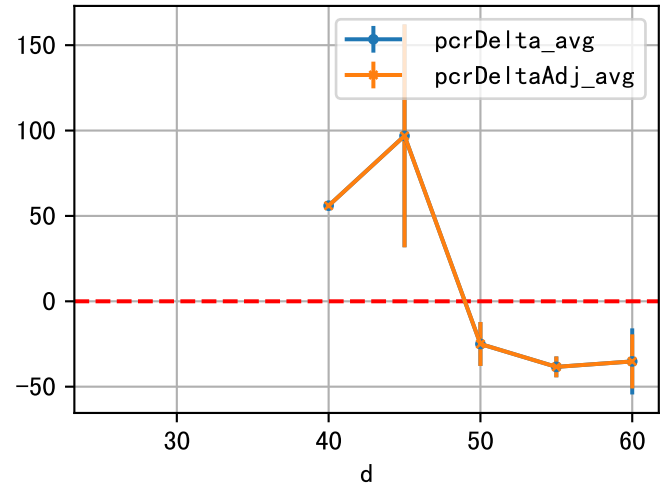
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DeltaTypeAbbr=GrpByDay

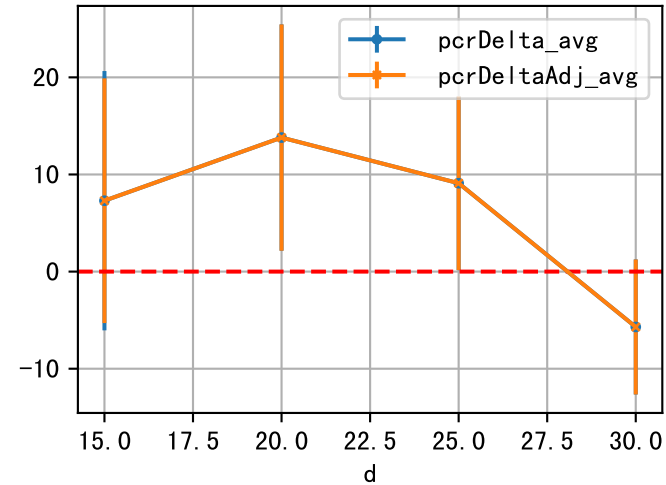
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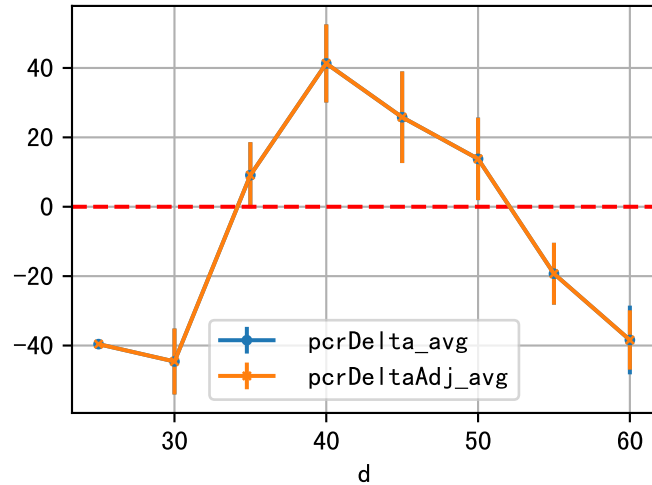
page 4



DeltaTypeAbbr=GrpByAge

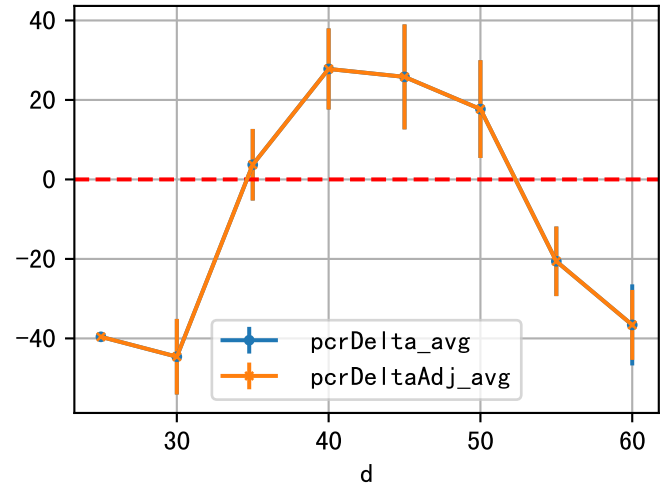


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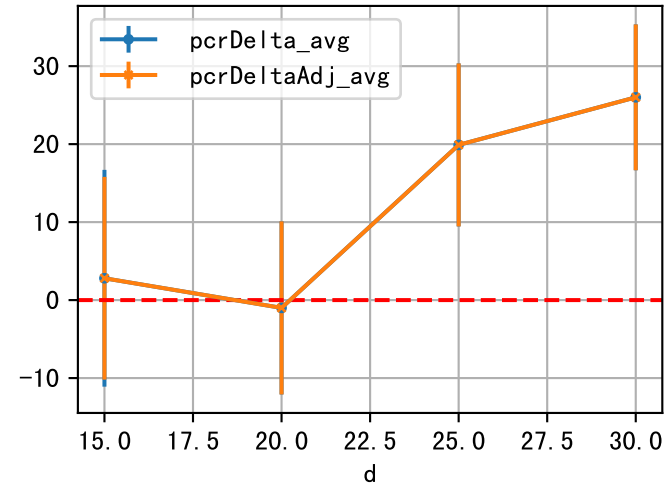


page 5

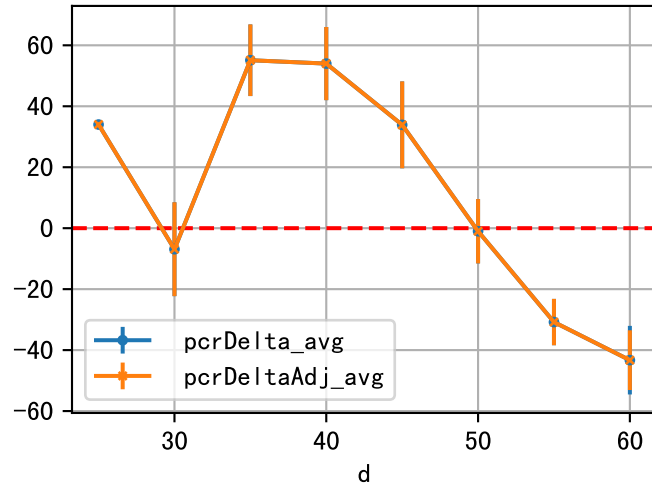
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DeltaTypeAbbr=GrpByAge

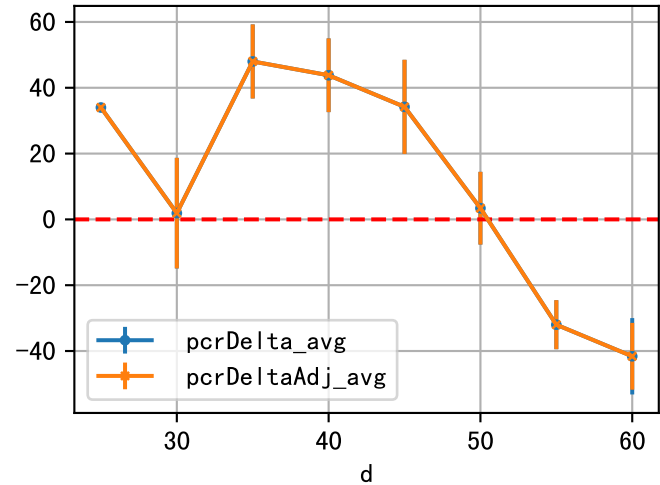


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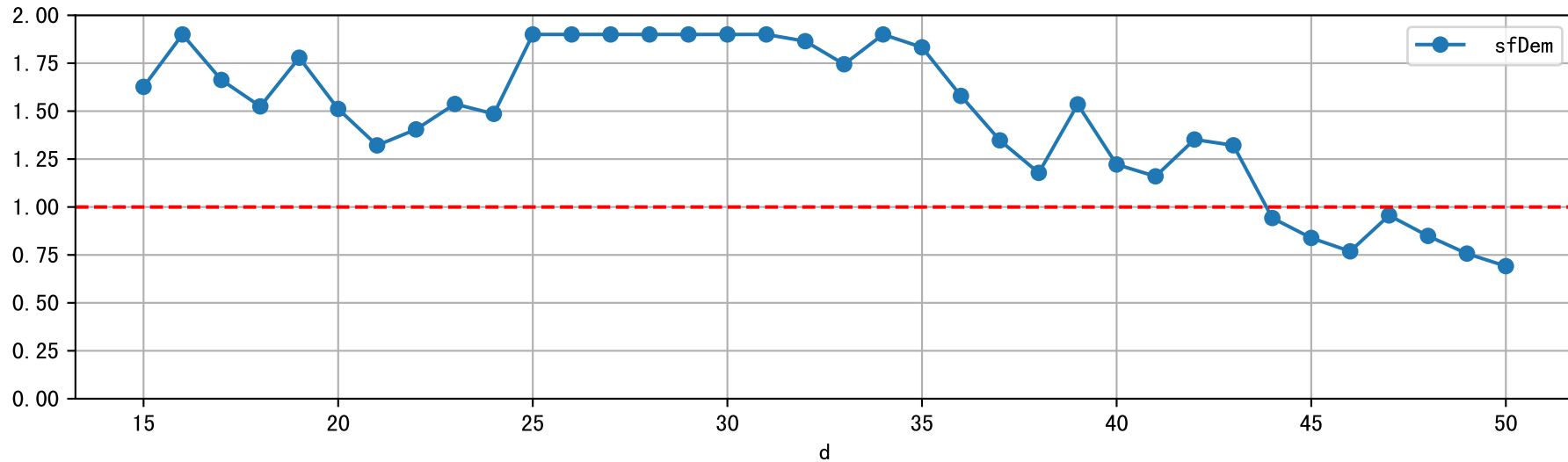


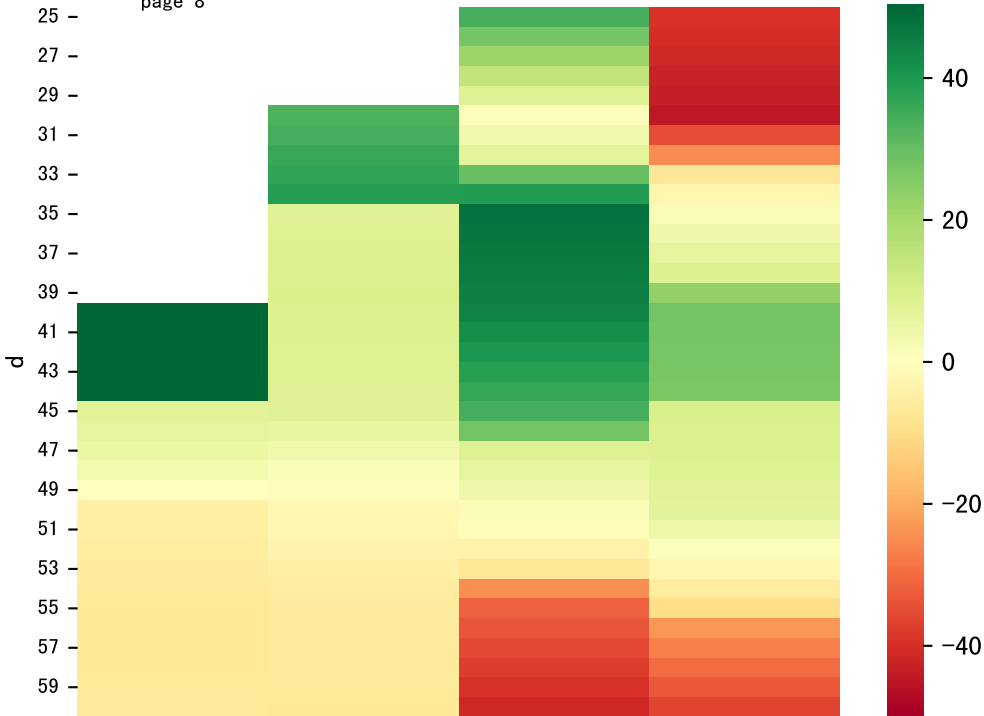
page 6

DeltaTypeAbbr=Wei AvgByD



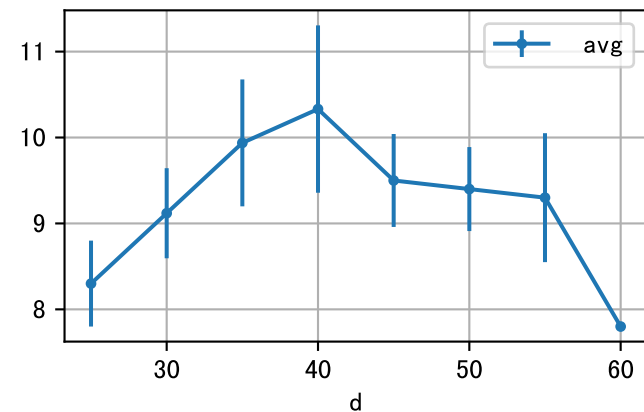
LfA: sfDem



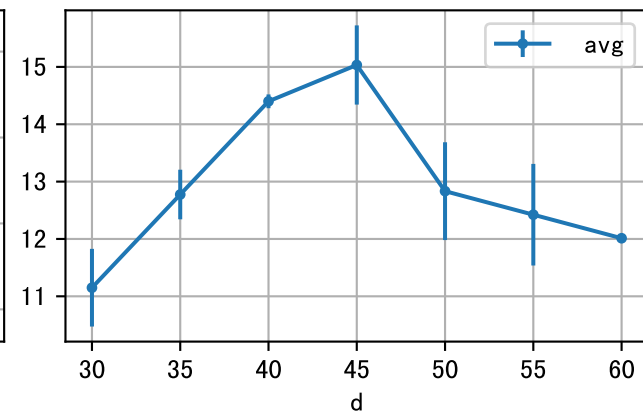


NdD: avg vs. d at each age group

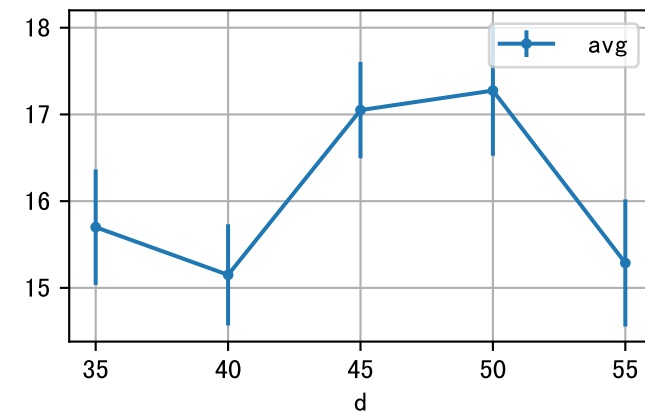
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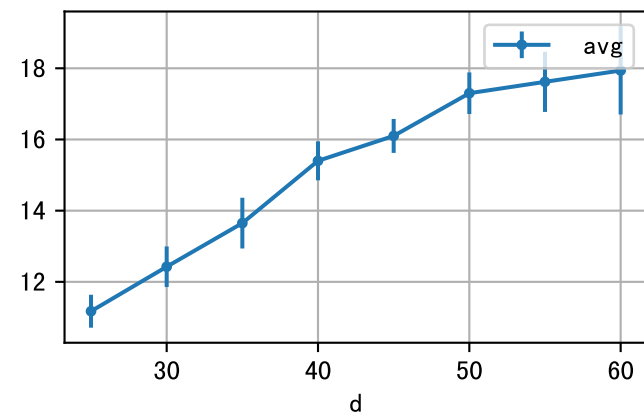
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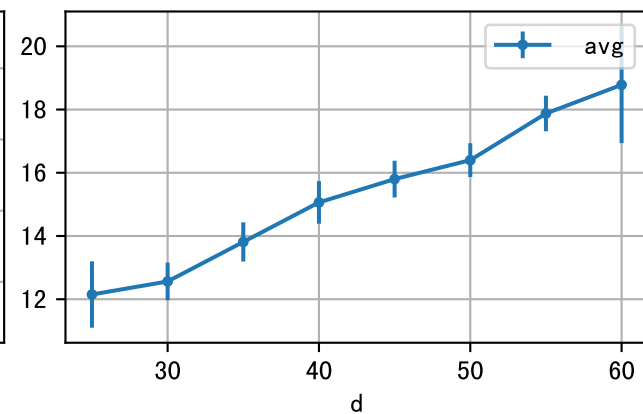
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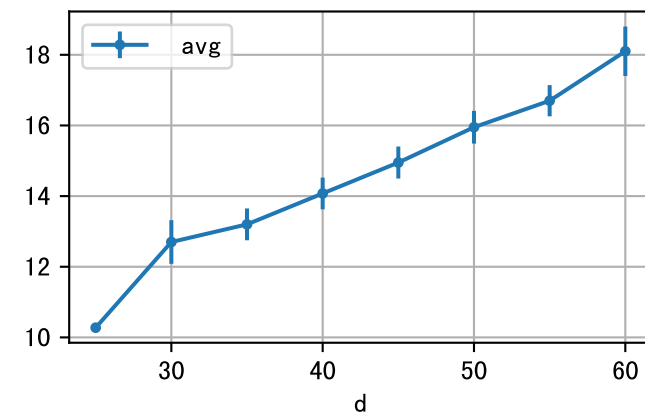
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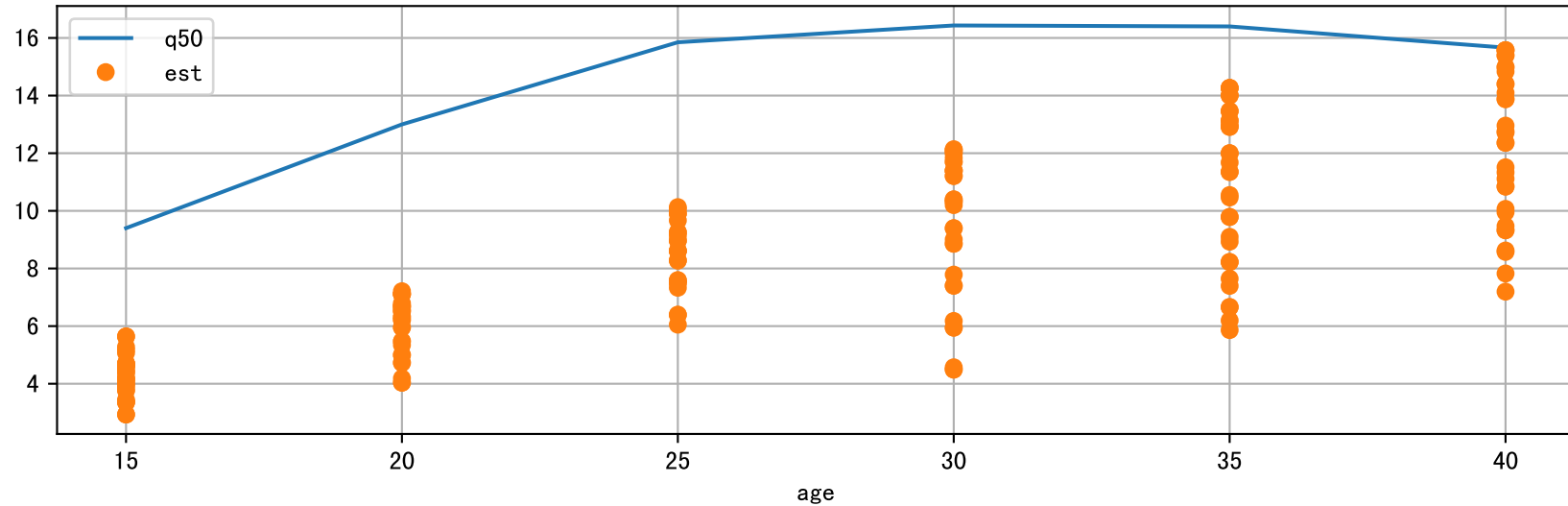
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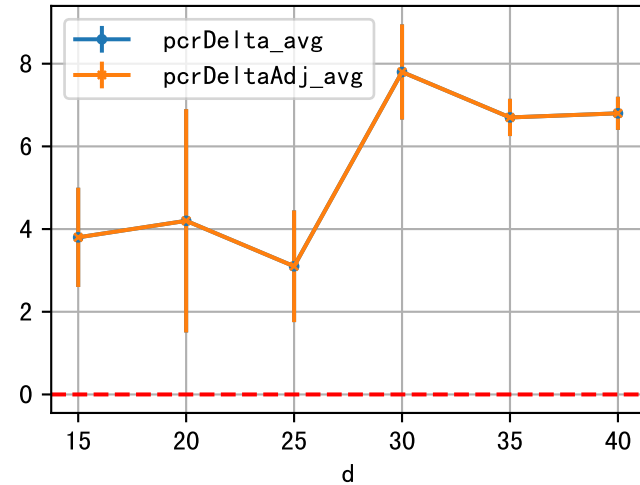
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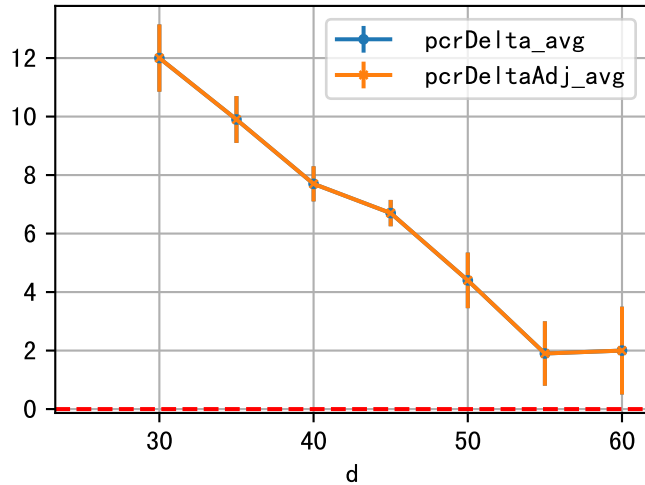
NdD: model est vs obs0v@Q50



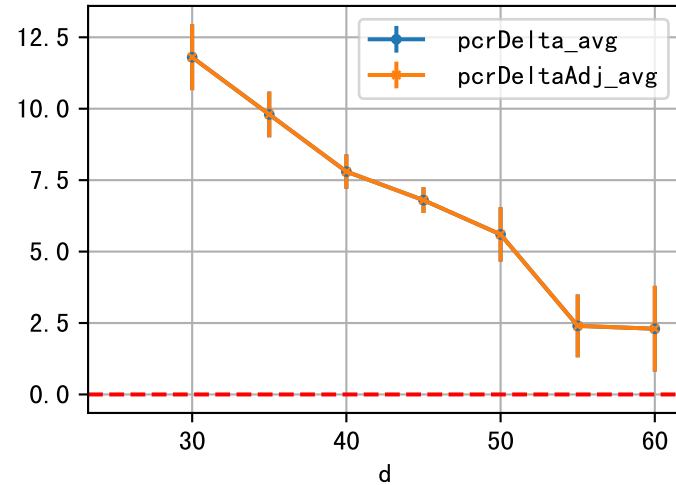
DeltaTypeAbbr=GrpByAge



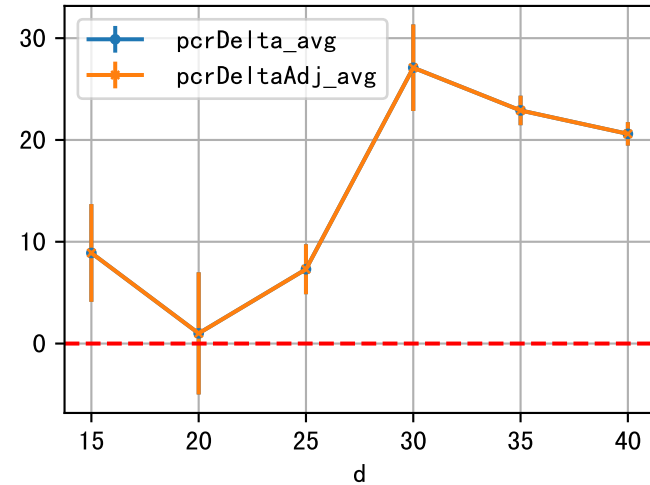
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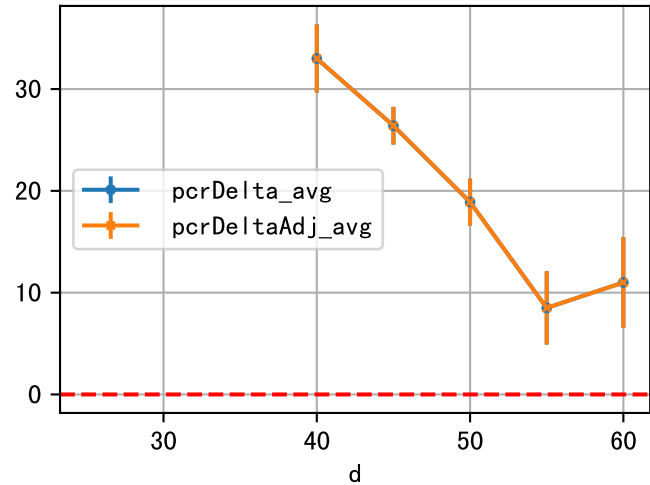
DeltaTypeAbbr=Wei AvgByD



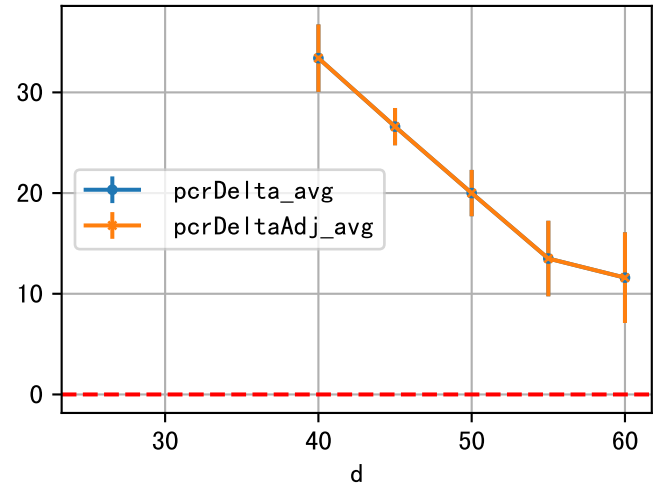
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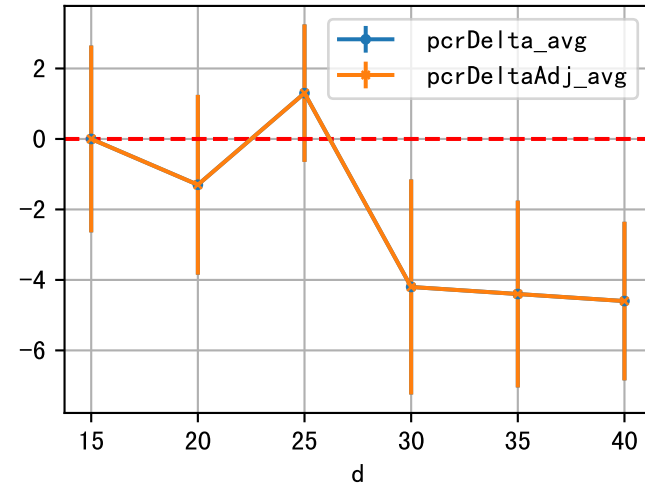
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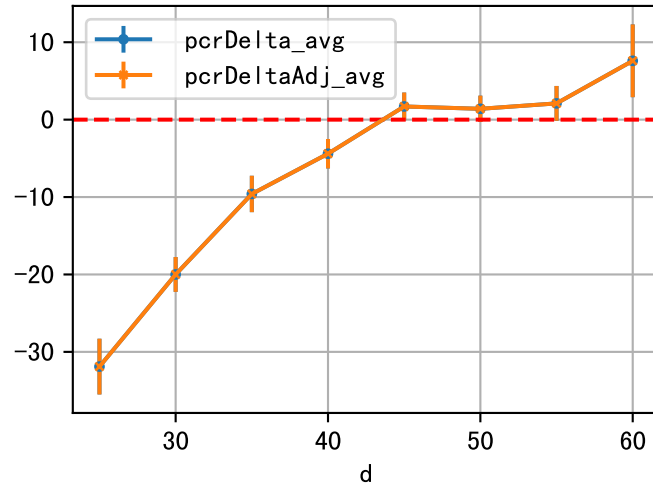
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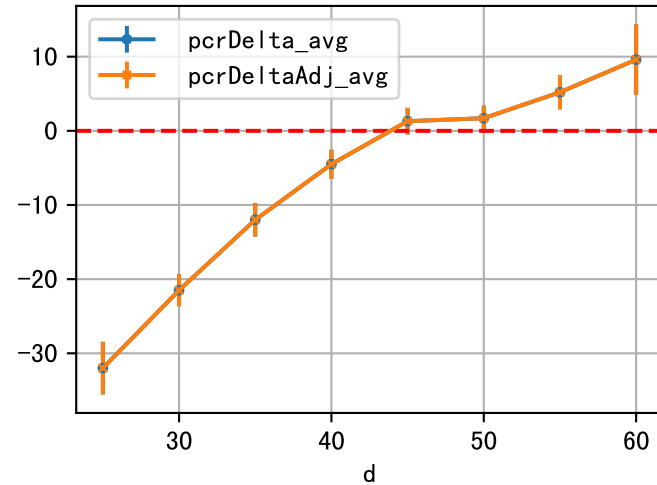
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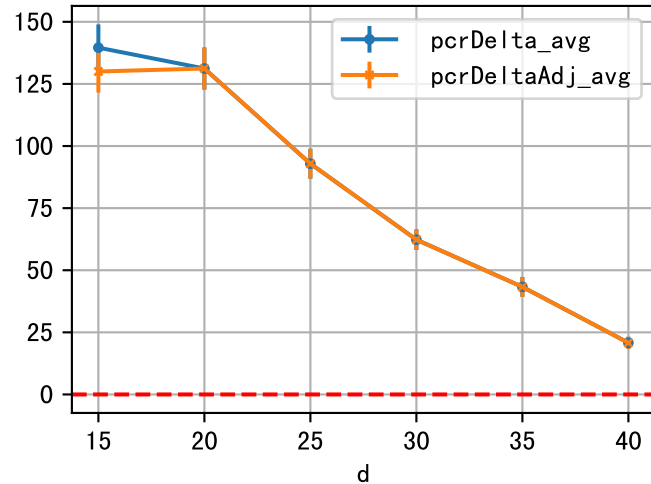
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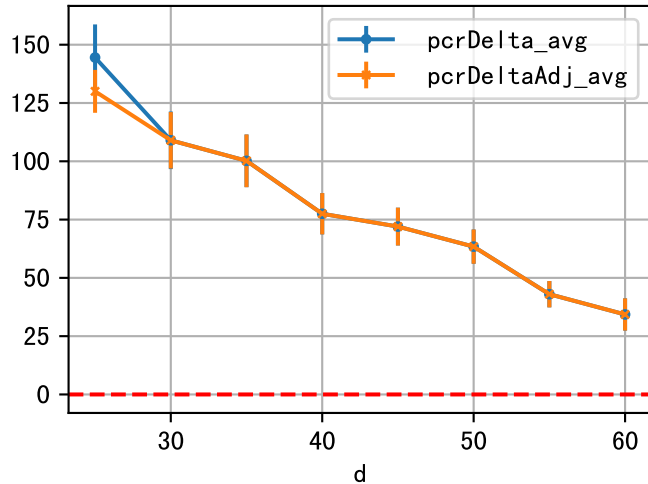
DeltaTypeAbbr=Wei AvgByD



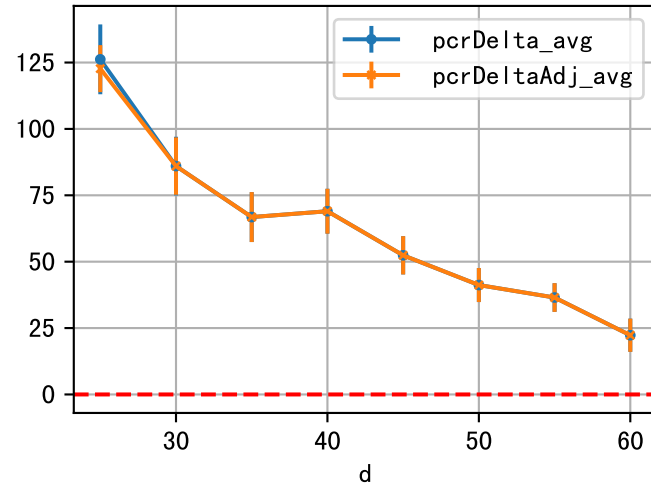
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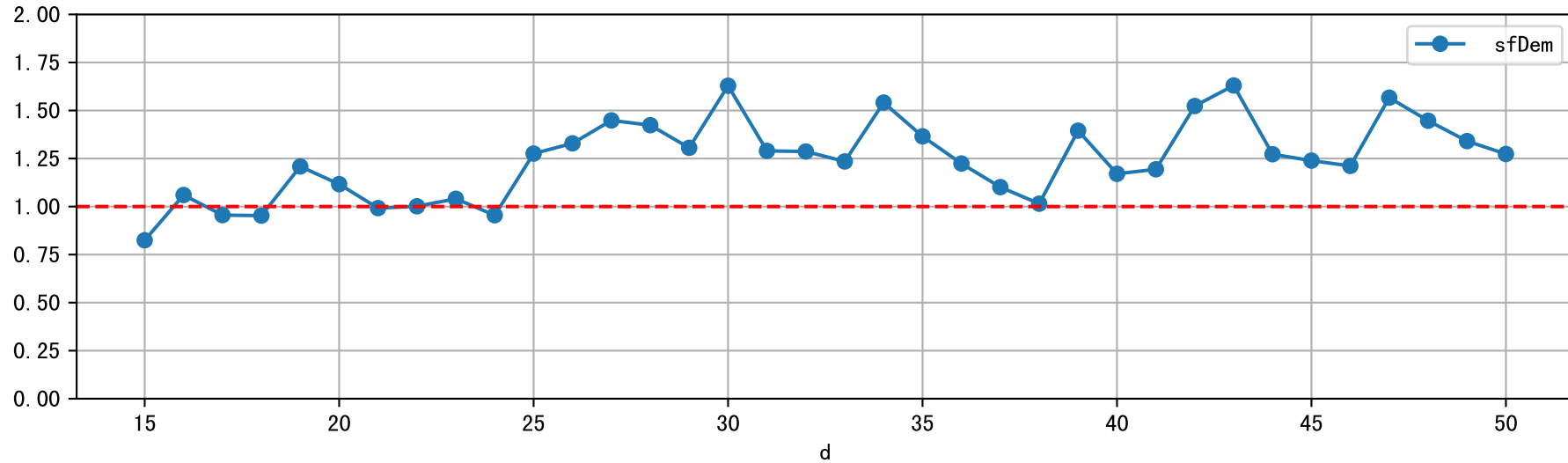
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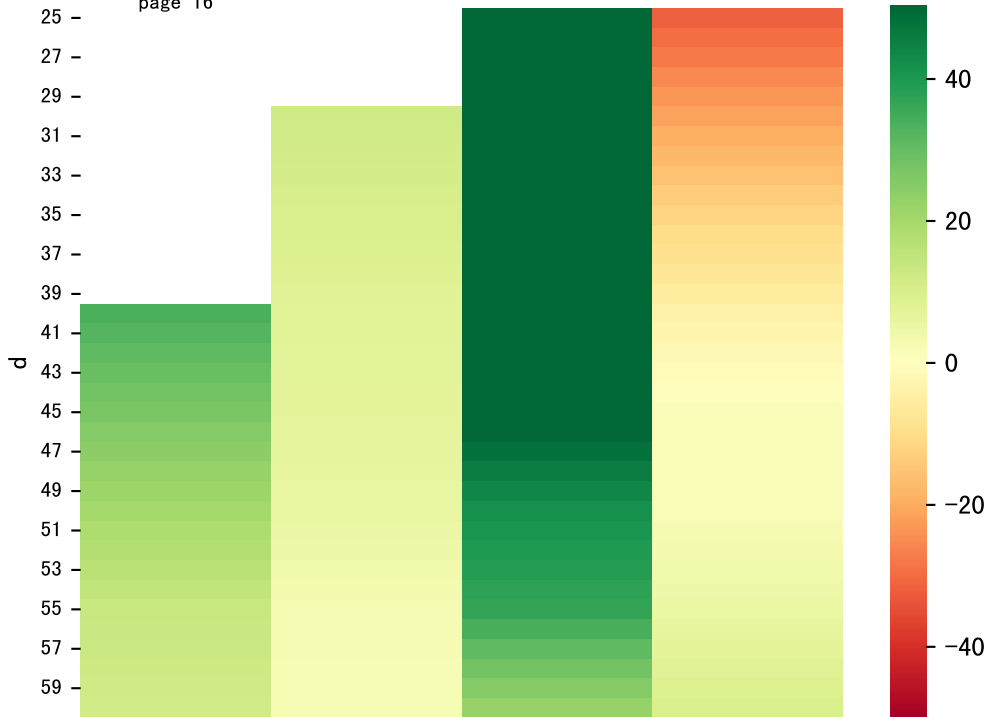


DeltaTypeAbbr=Wei AvgByD

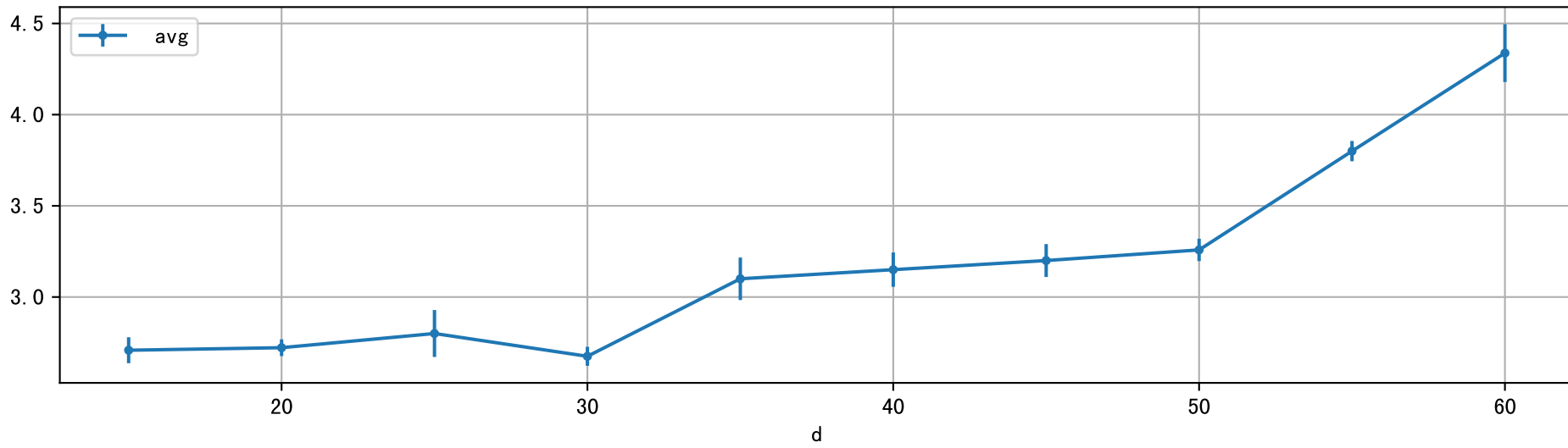


NdD: sfDem

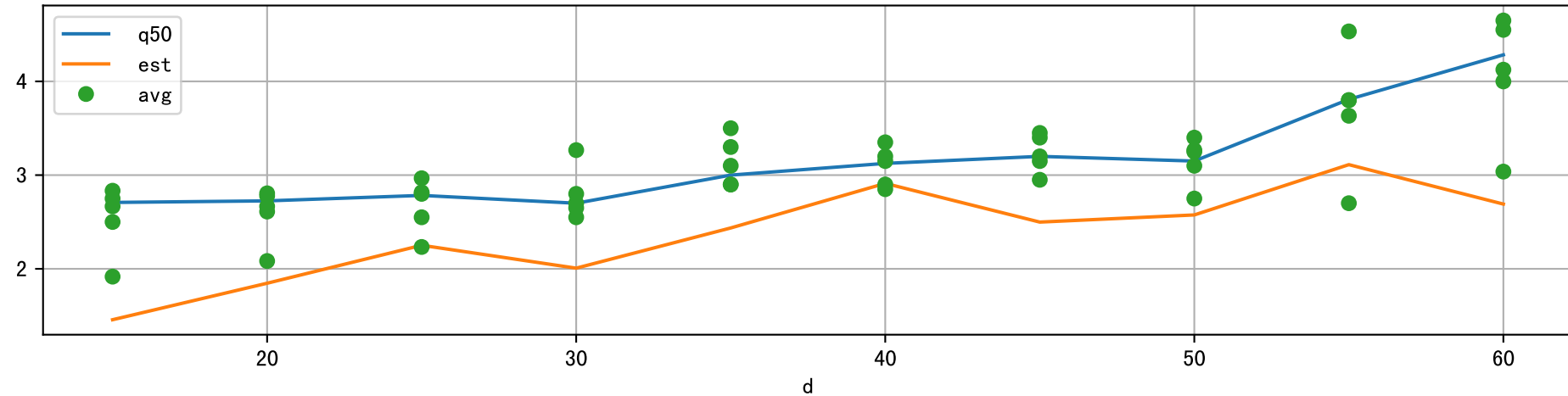




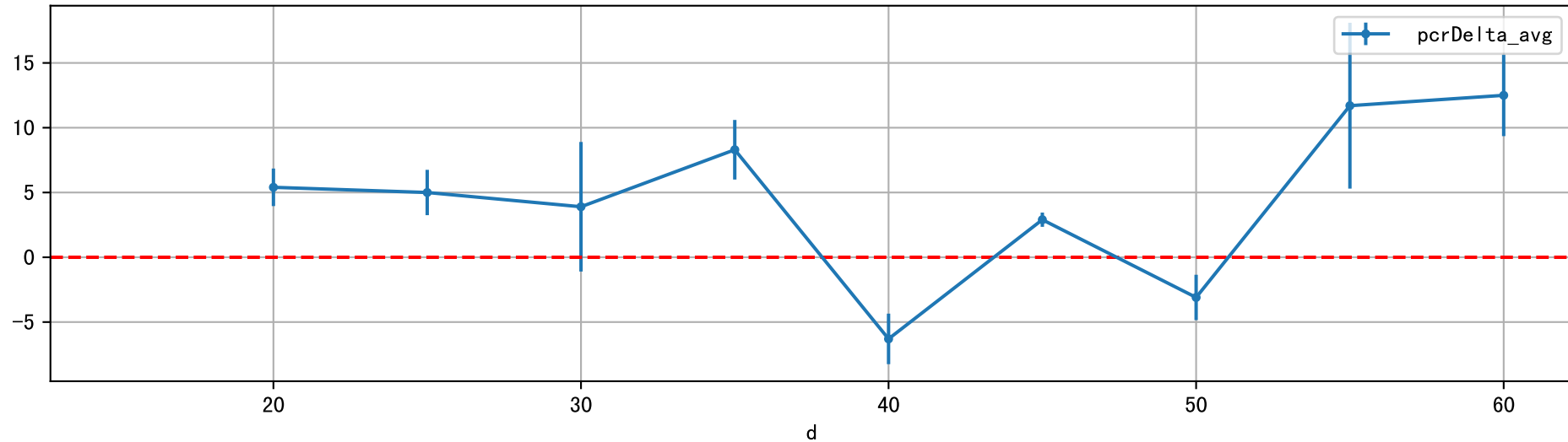
dStH: avg vs. d



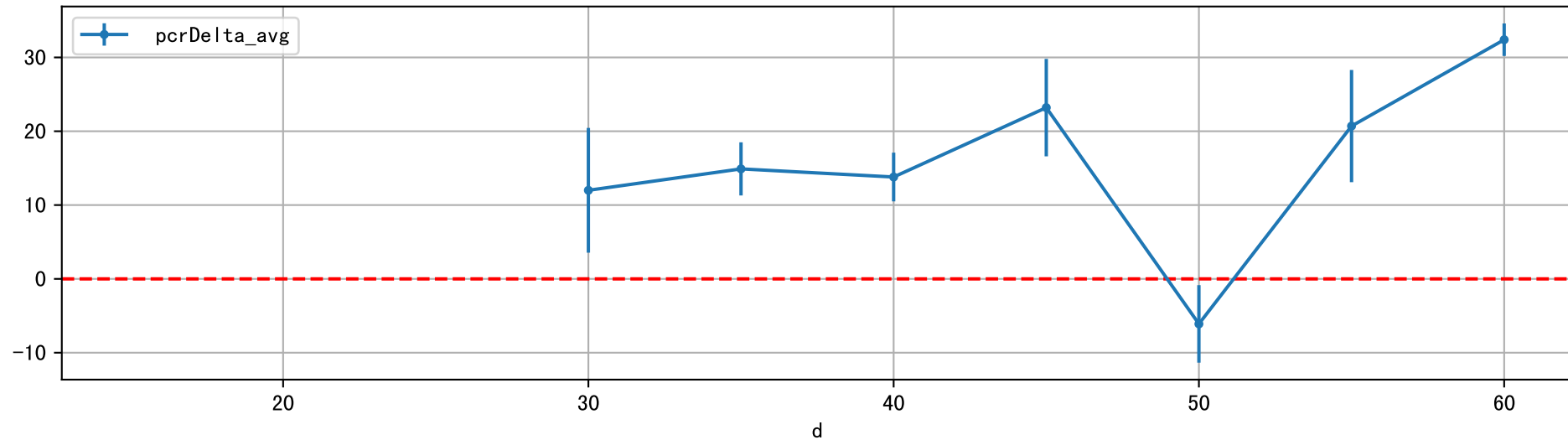
dStH: obsAvg vs obs0v@Q50



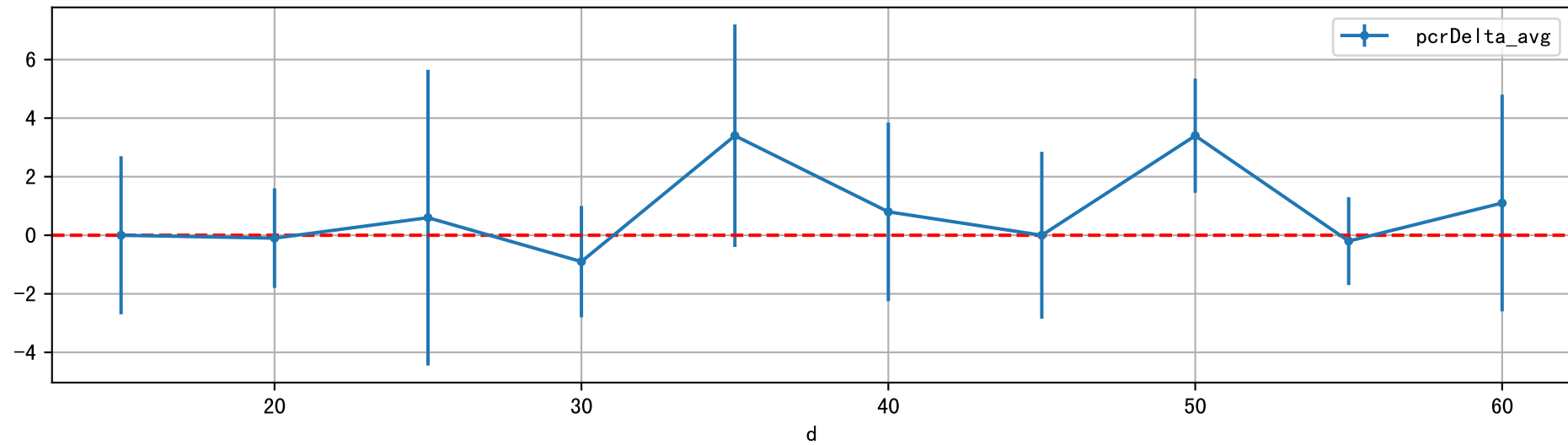
dStH: D_5d_StH



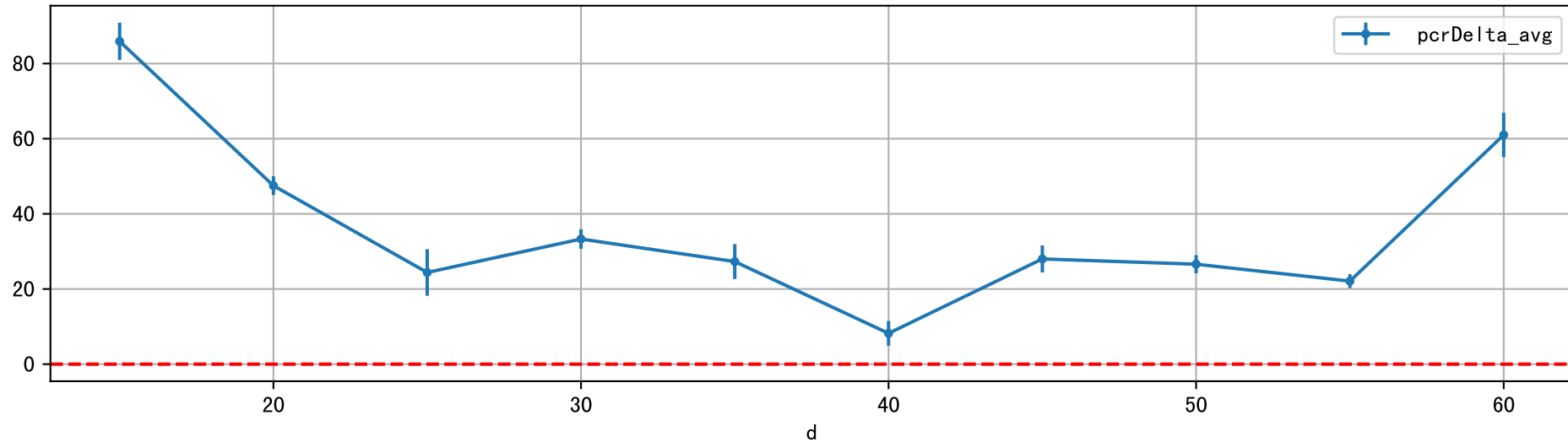
dStH: D_15d_StH



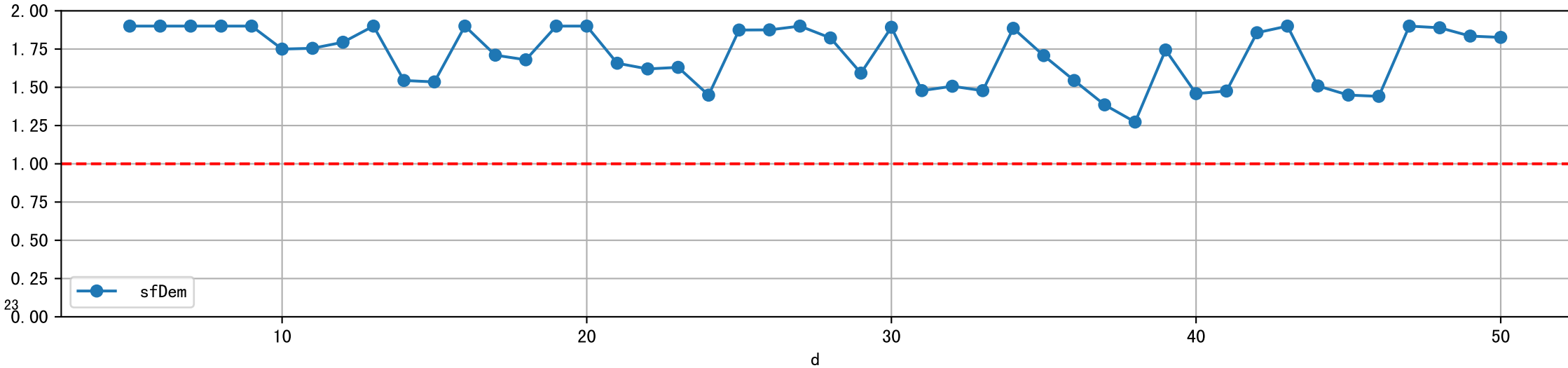
dStH: D_Q50_StH

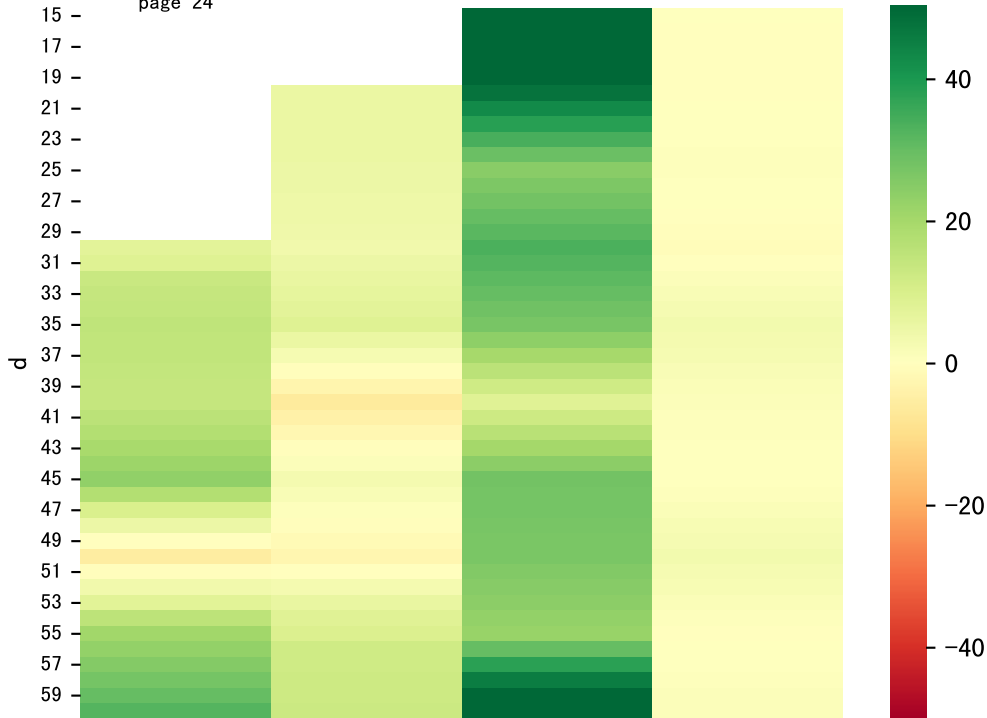


dStH: D_Est_StH



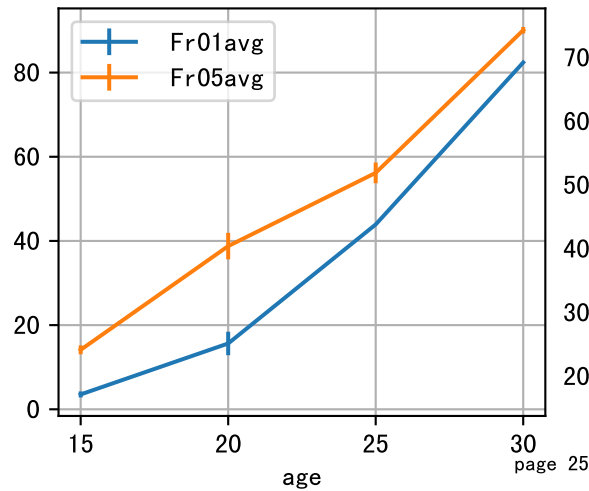
dStH: sfDem



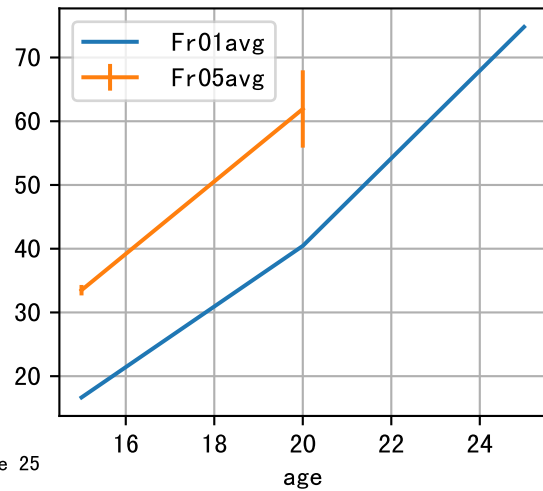


FrV: Fr01 vs Fr05 at each truss

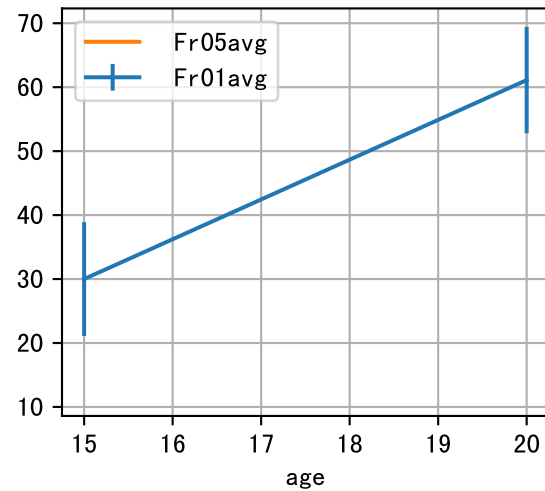
organID=T01



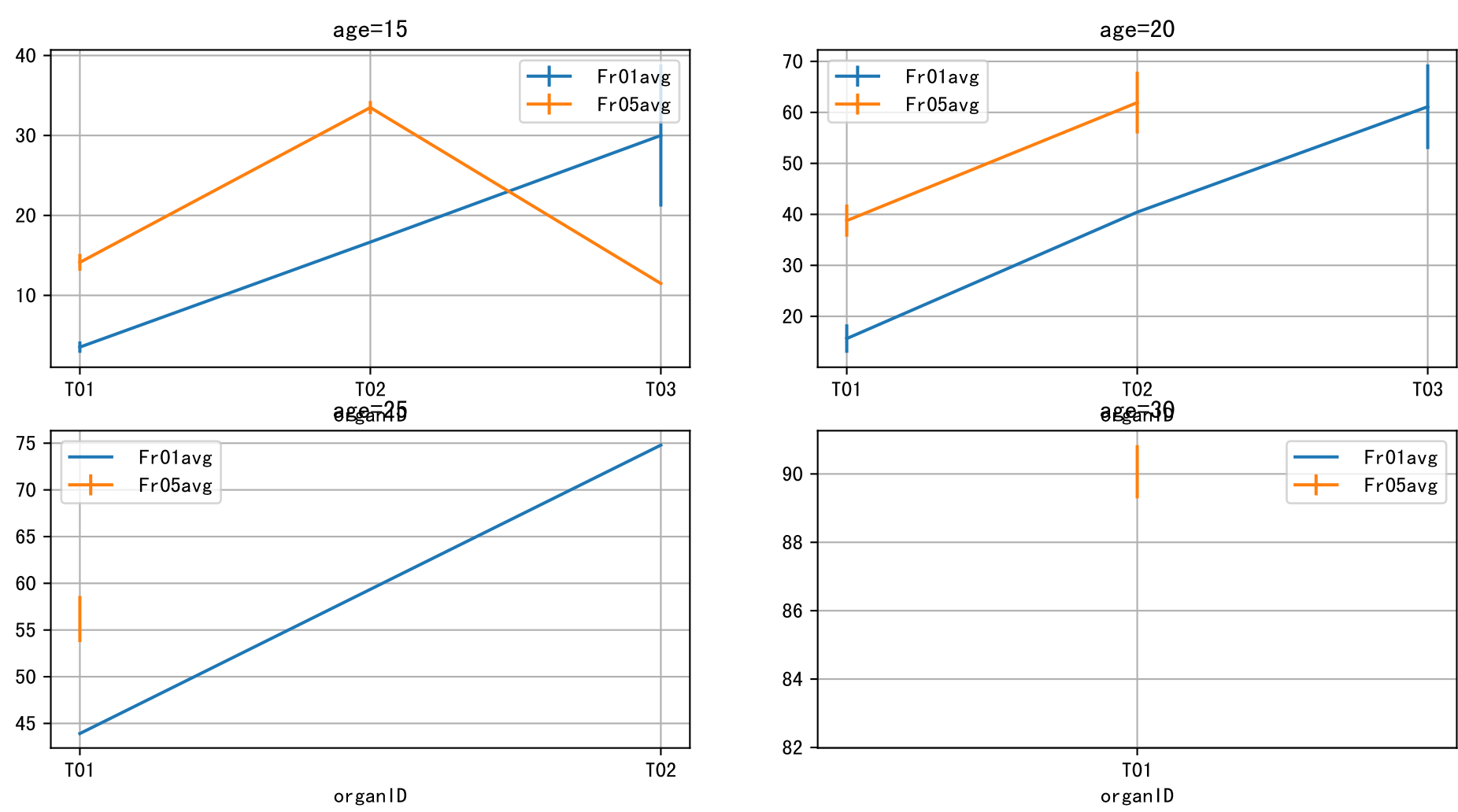
organID=T02



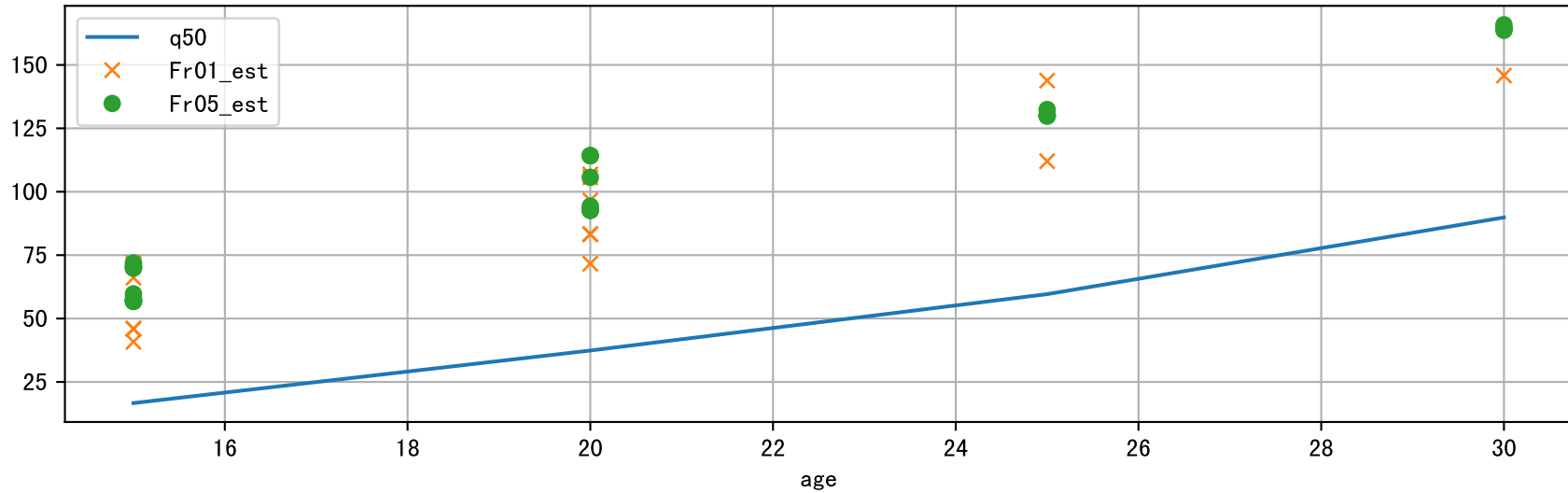
organID=T03

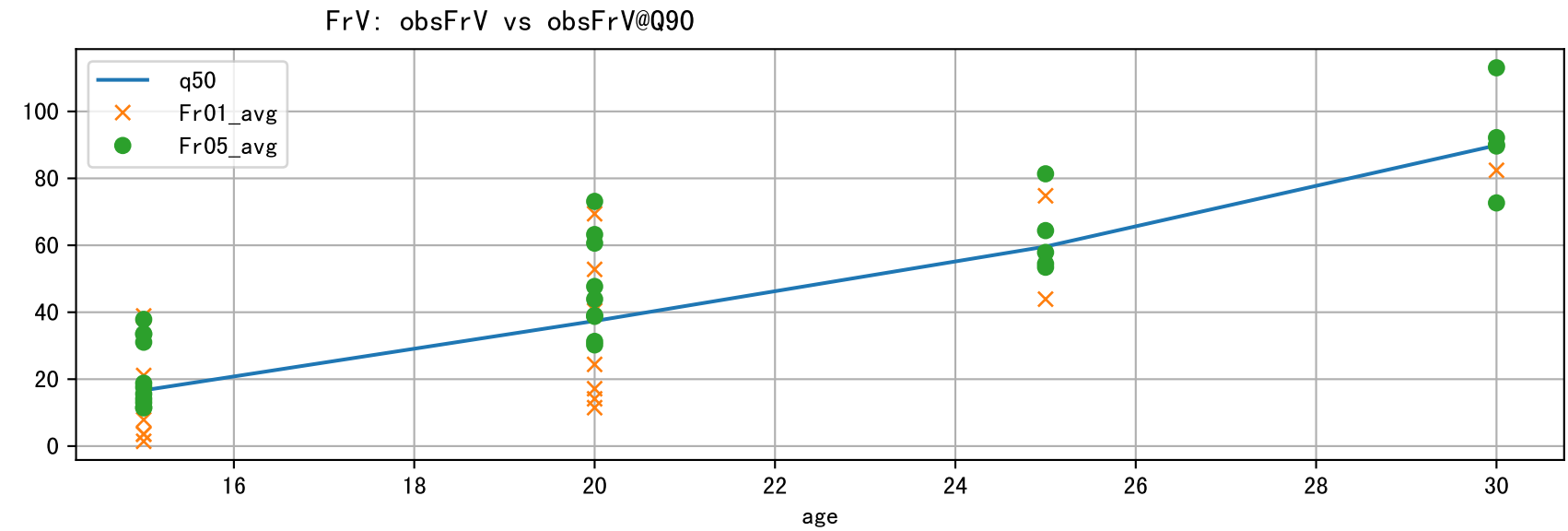


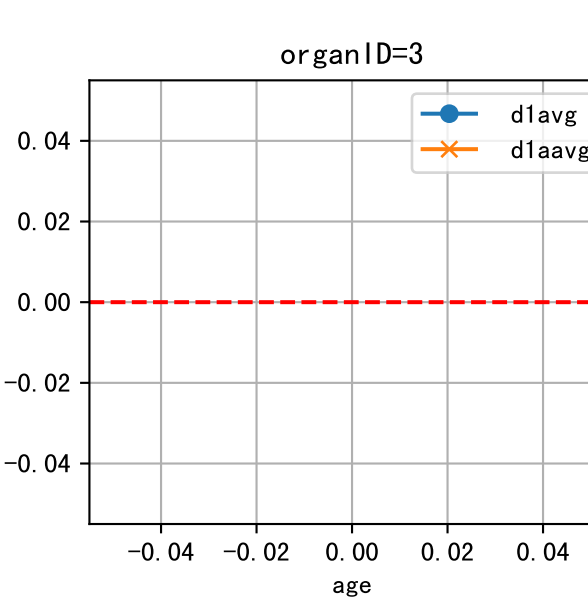
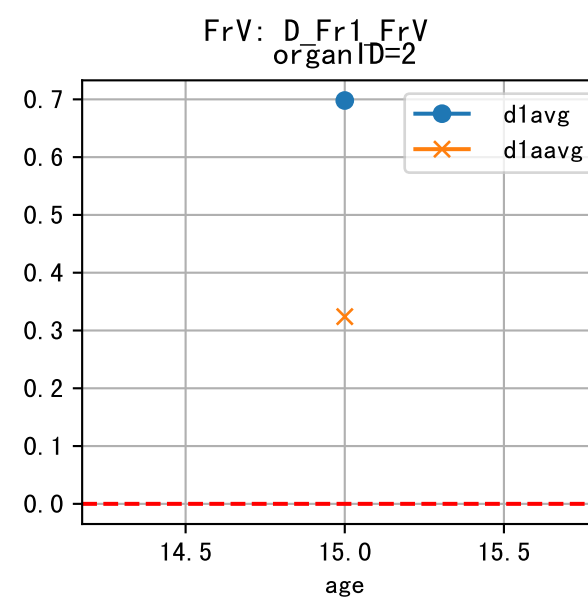
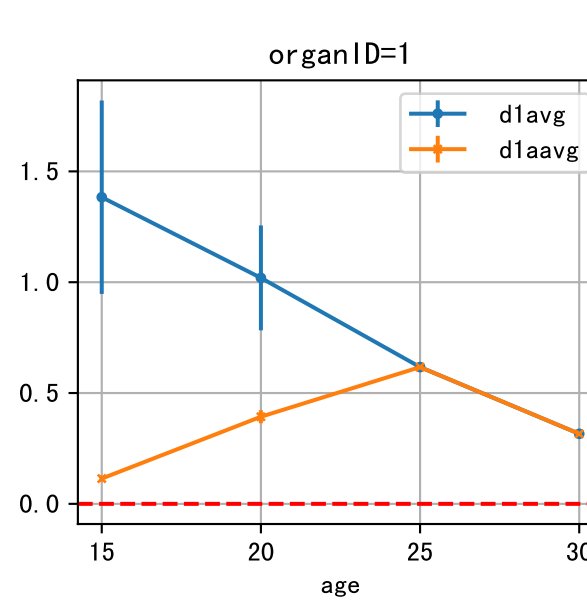
FrV trend at each age

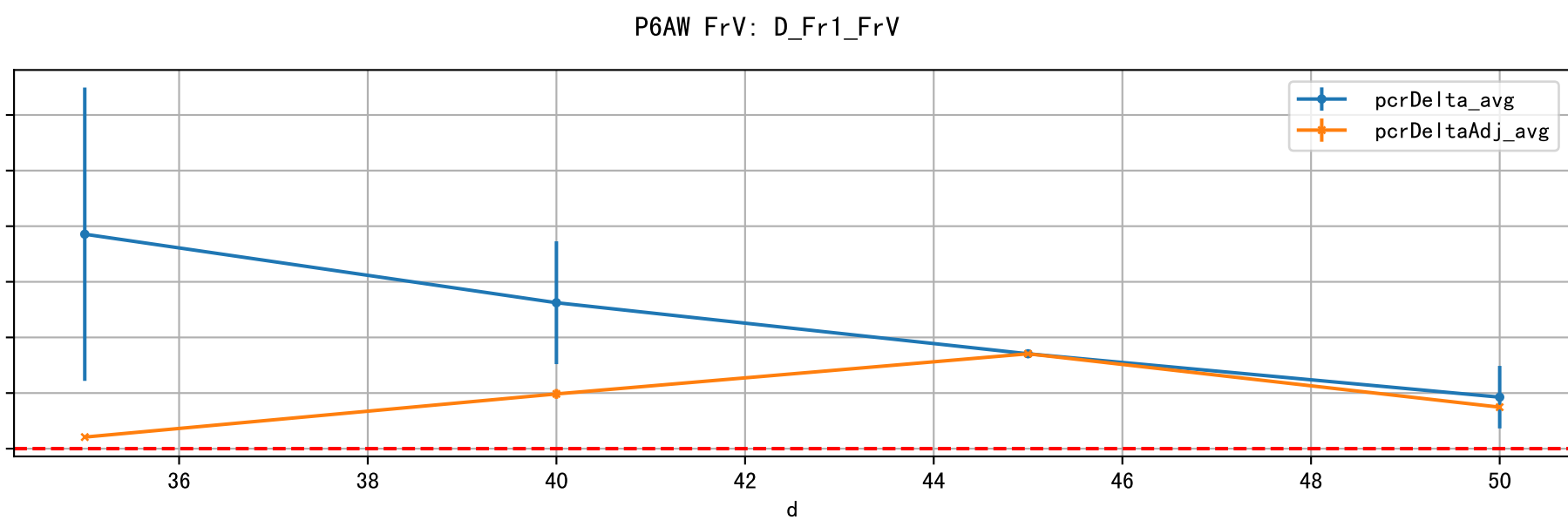


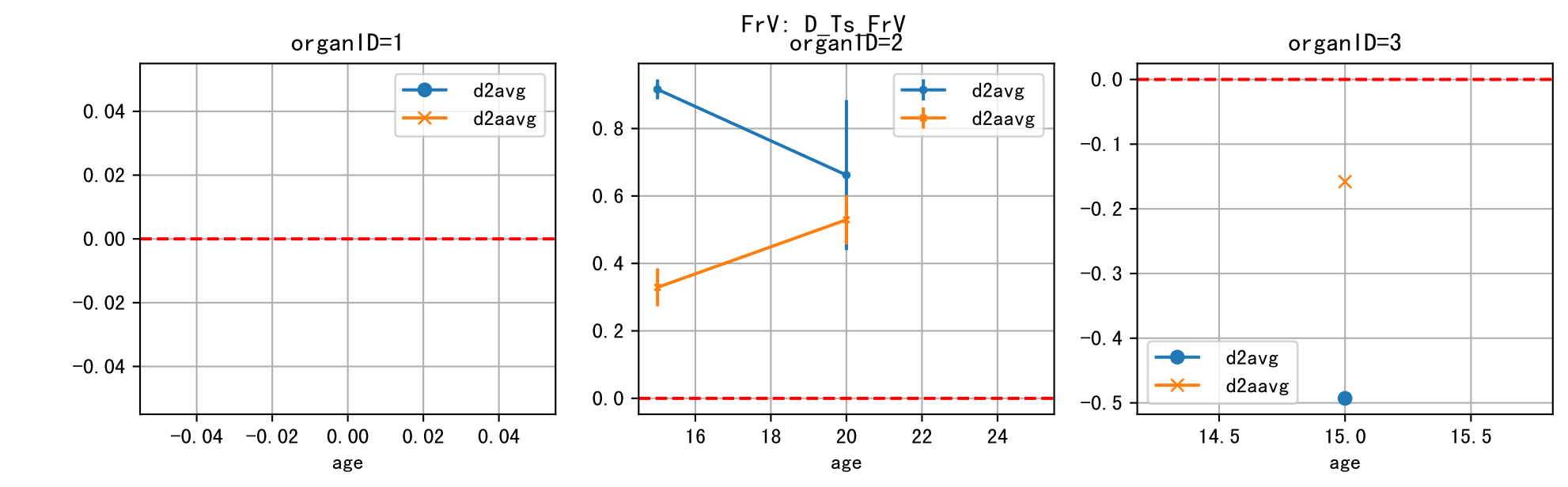
FrV: model Est vs obsFrV at Q90

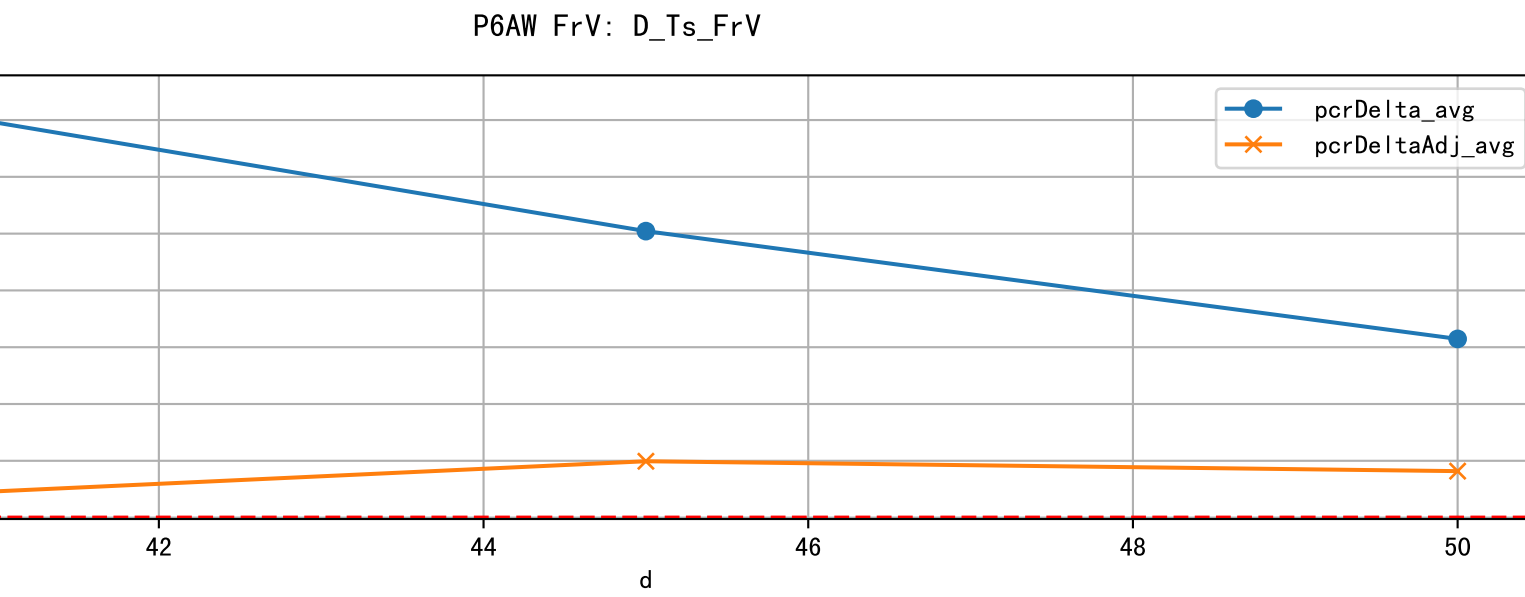






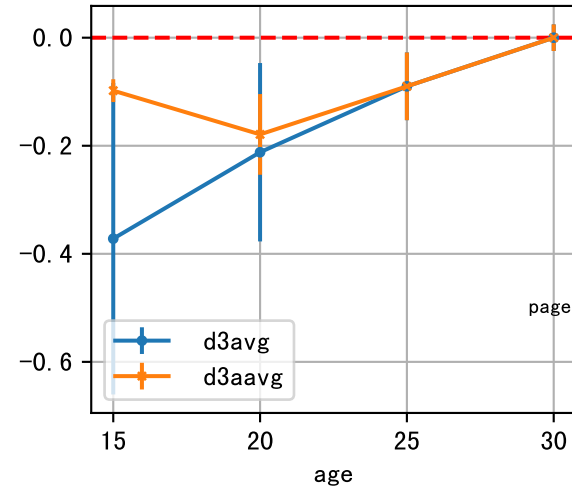




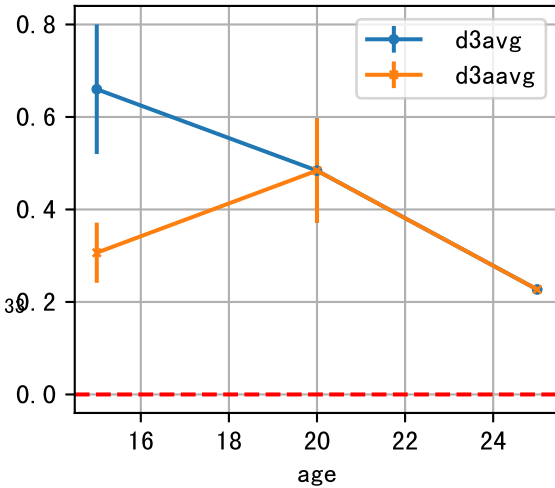


FrV: D_Q50_FrV

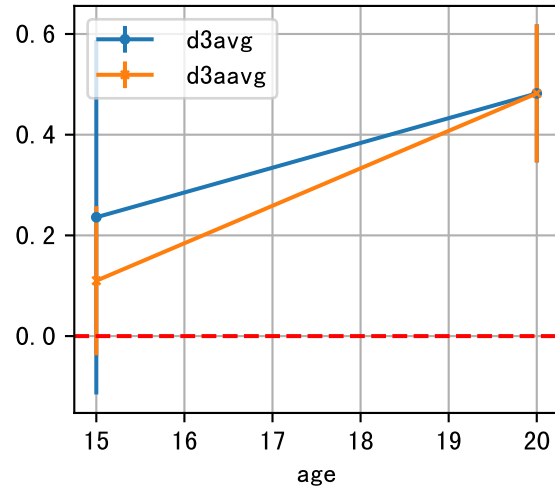
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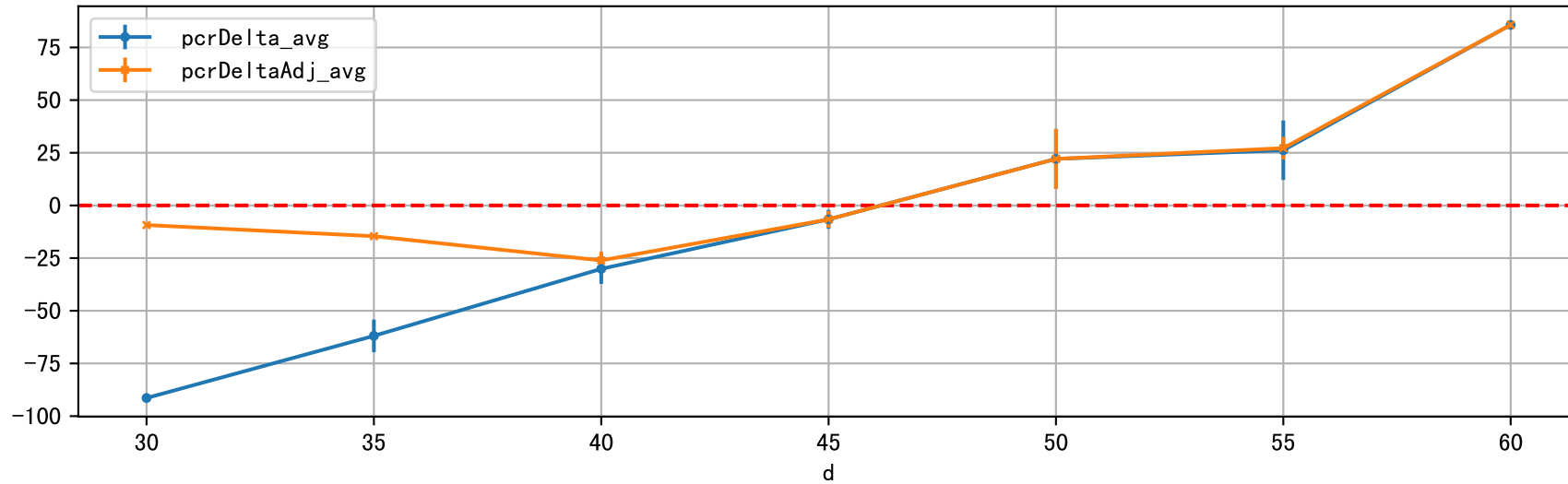
organID=2



organID=3

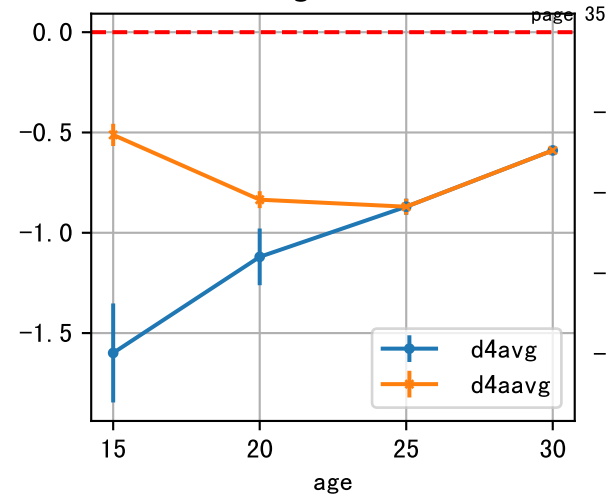


P6AW FrV: D_Q50_FrV

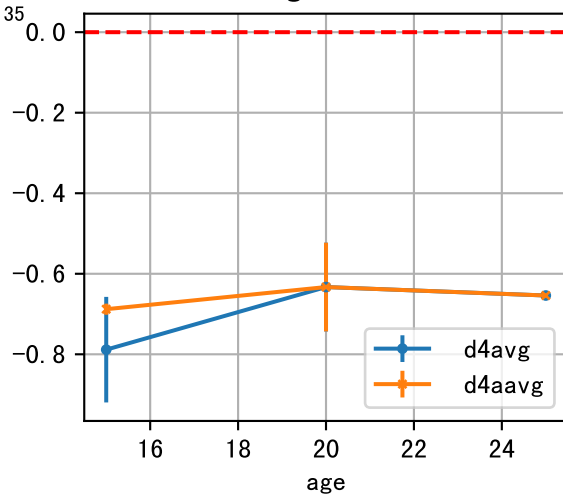


FrV: D_Est_FrV

organID=1



organID=2



organID=3

