

Phenotype Data Analysis Plots

PhenoData day range = 5 – 66

Analysis cutoff day = 66

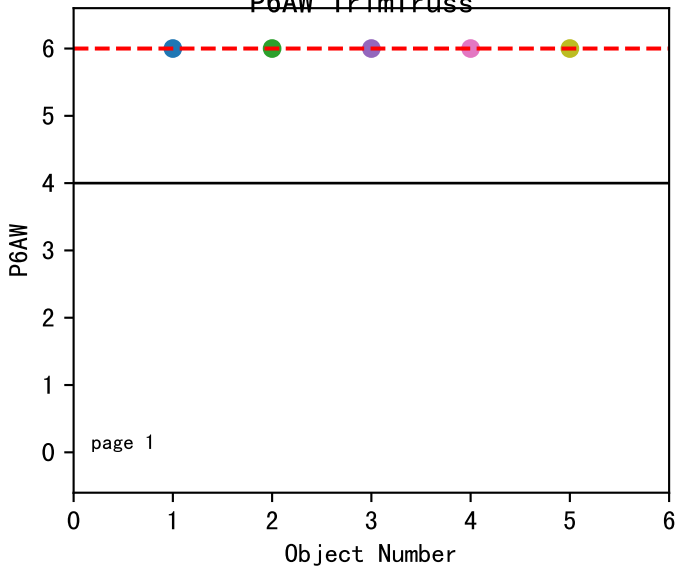
NC11 P6

2025-06-11 (Day 67)

TrussNodeMaxPerStem (Def=4.0 Set=6)

avg1=6.0~0% avg2=na

P6AW TrimTruss



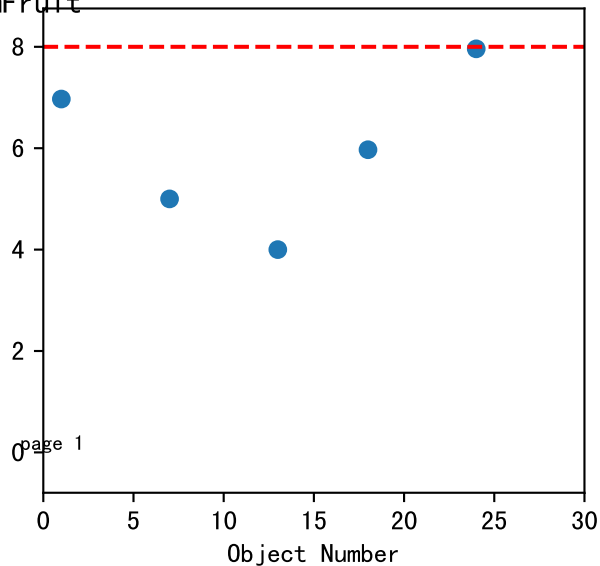
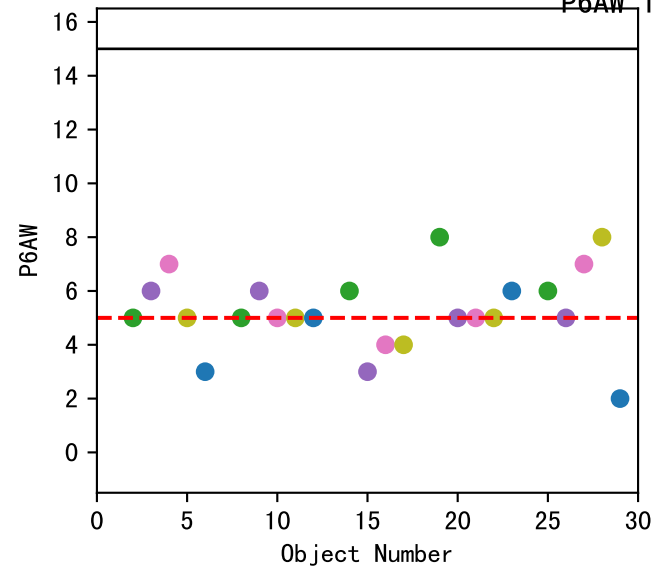
FruitNumAvgPerTruss (Def=15 Set=5)

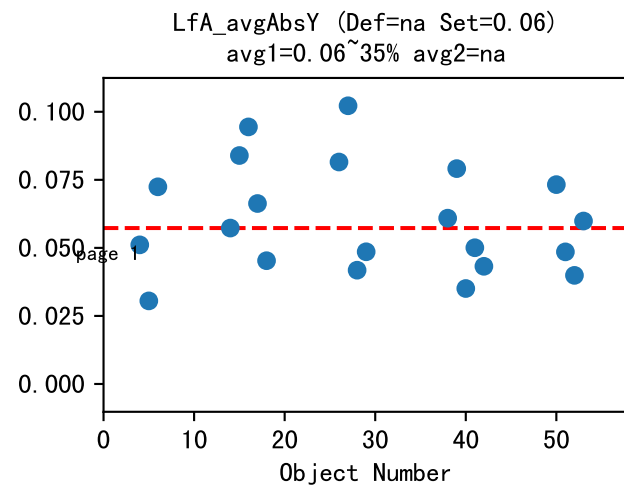
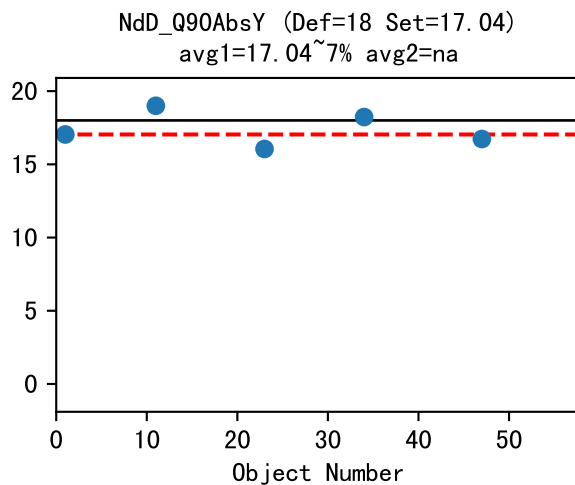
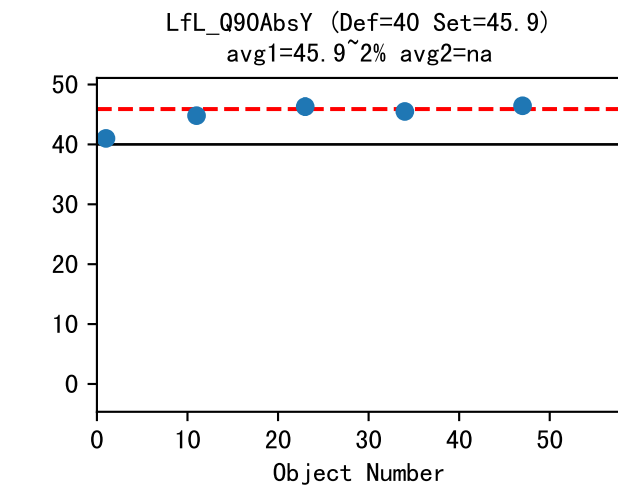
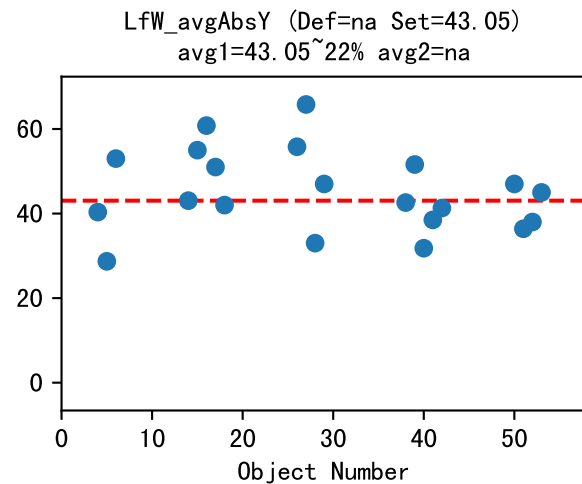
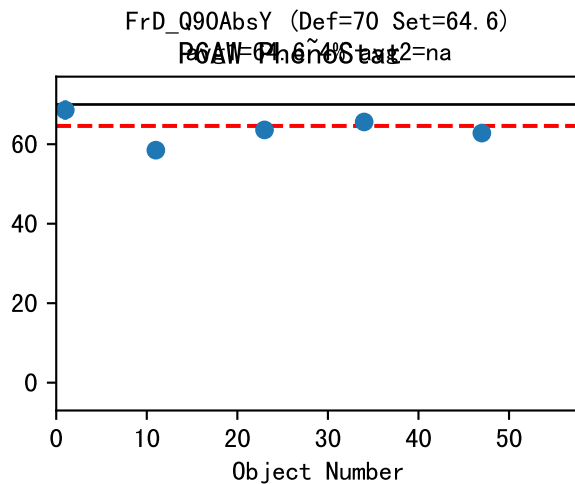
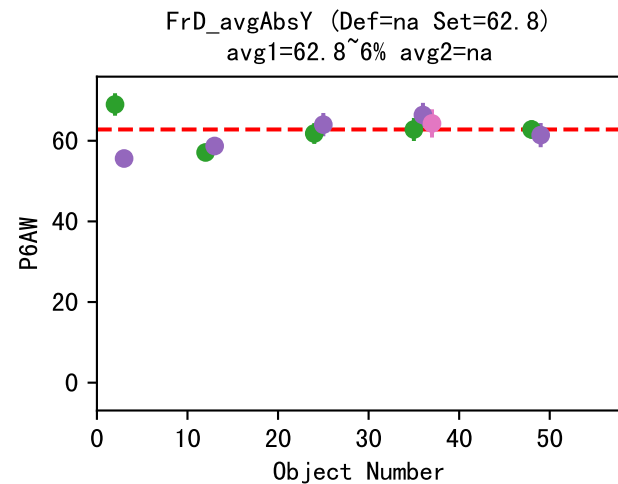
avg1=5.0~17% avg2=na

P6AW TrimFruit

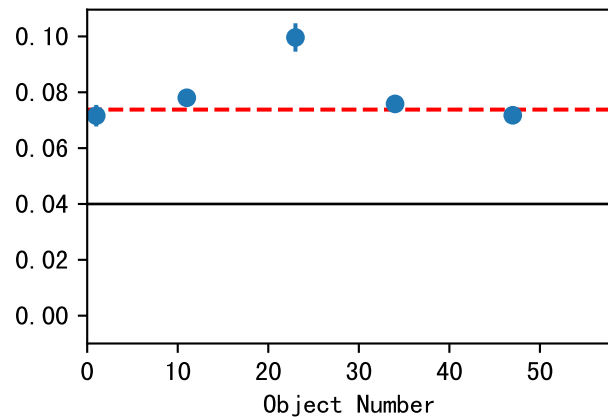
FruitNumMaxPerTruss (Def=na Set=8)

avg1=8.0~21% avg2=na

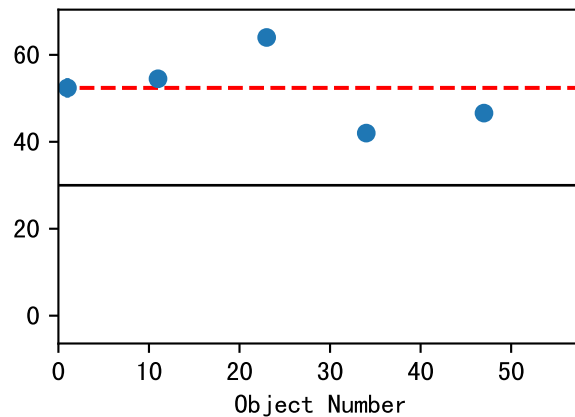




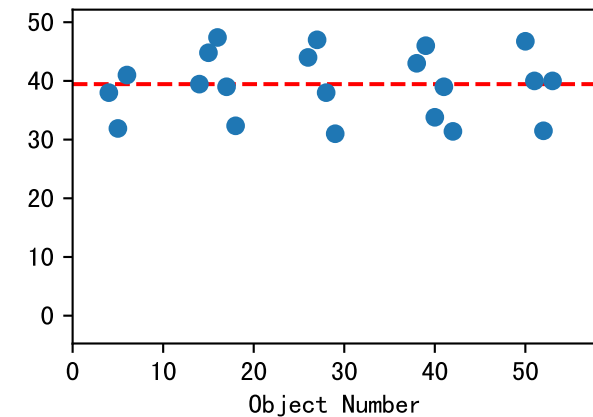
LfA_Q90AbsY (Def=0.04 Set=0.04)
avg1=0.07~4% avg2=na



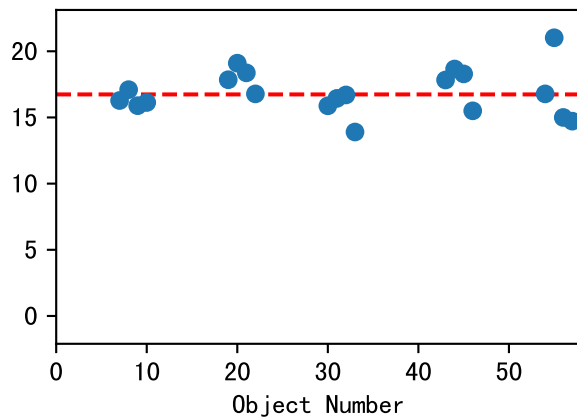
LfW_Q90AbsY (Def=30 Set=52.4)
avg1=52.4~16% avg2=na



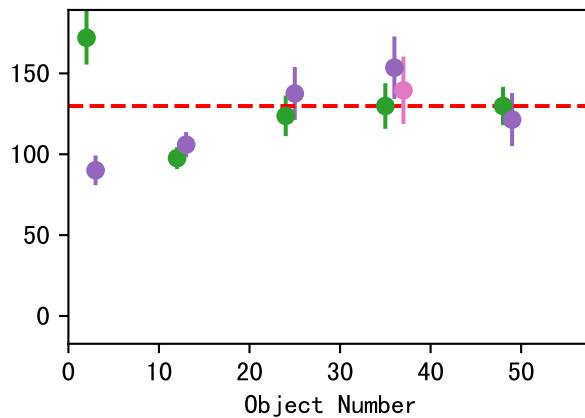
LfL_avgAbsY (Def=na Set=39.45)
avg1=39.45~14% avg2=na



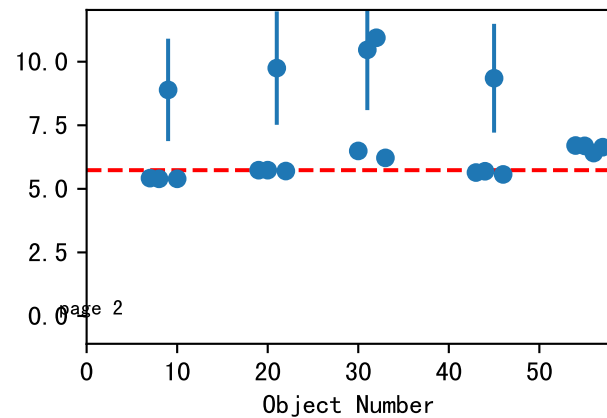
NdD_avgAbsY (Def=na Set=16.74)
avg1=16.74~10% avg2=na



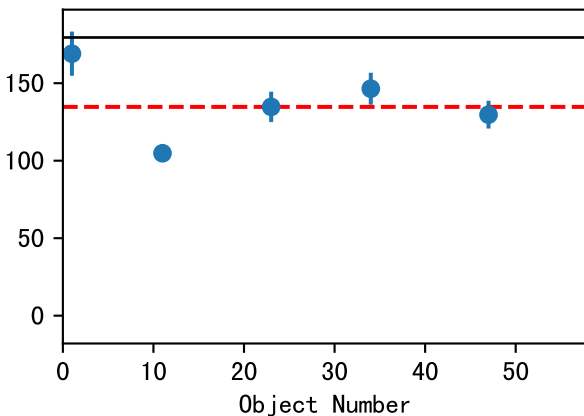
FrV_avgAbsY (Def=na Set=129.83)
avg1=129.83~18% avg2=na



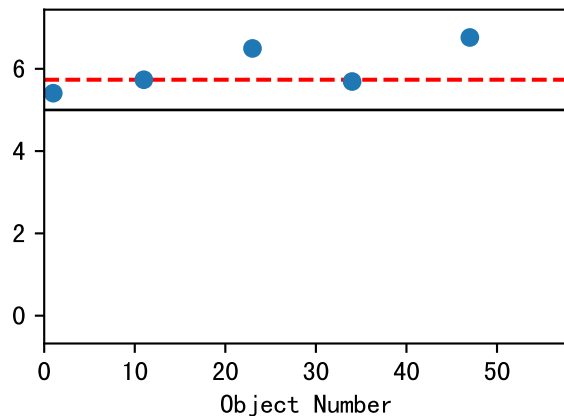
NdL_avgAbsY (Def=na Set=5.73)
avg1=5.73~20% avg2=na



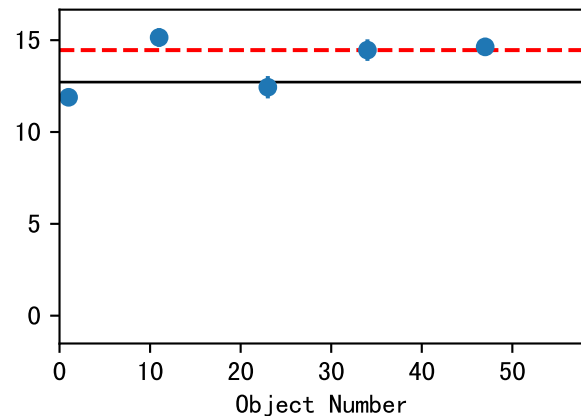
FrV_Q90AbsY (Def=179.5 Set=134.72)
 avg1=134.72~17% avg2=na



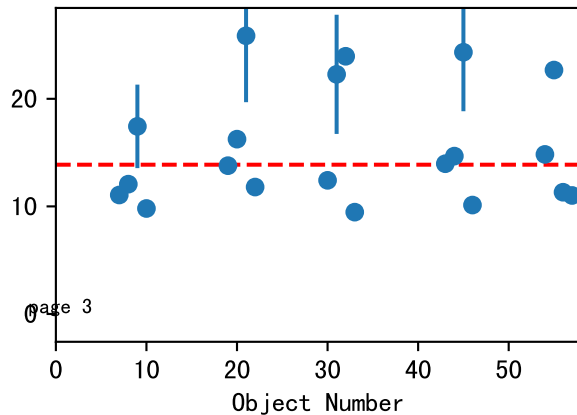
NdL_Q90AbsY (Def=5 Set=5.73)
 avg1=5.73~10% avg2=na



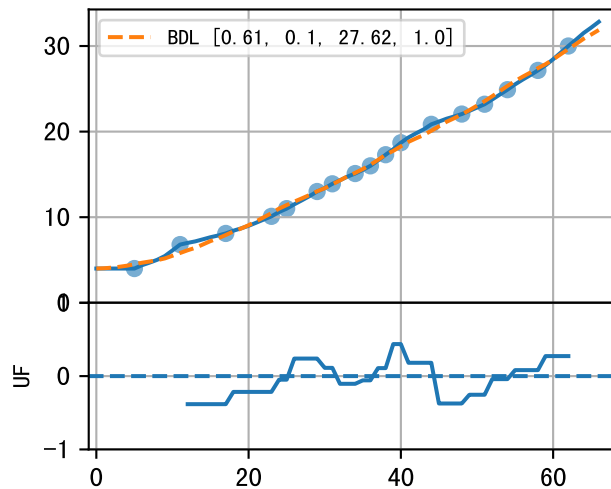
NdV_Q90AbsY (Def=12.72 Set=14.46)
 avg1=14.46~10% avg2=na



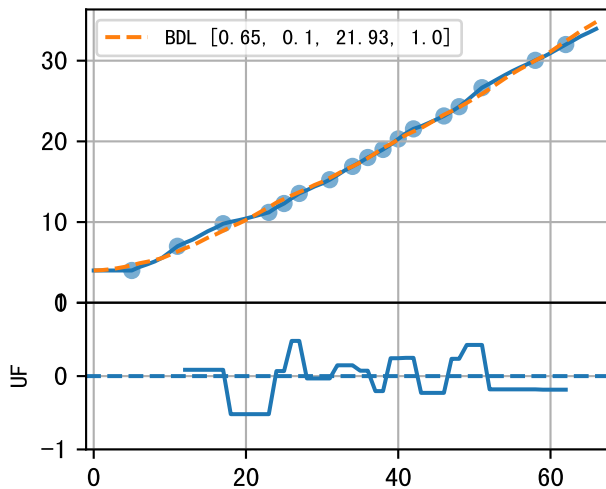
NdV_avgAbsY (Def=na Set=13.88)
 avg1=13.88~39% avg2=na



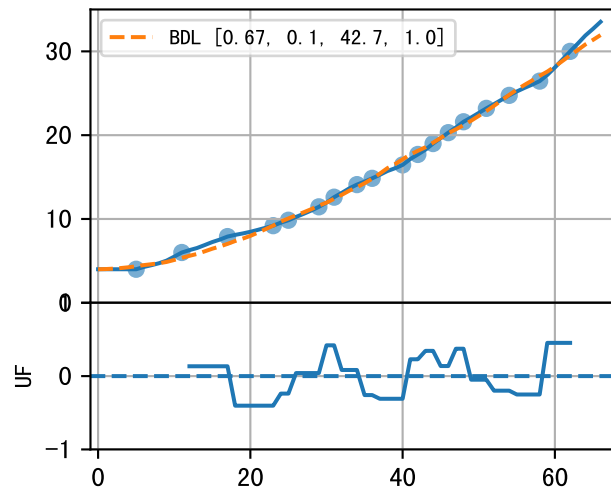
P6AW-058-22 (fit failed)



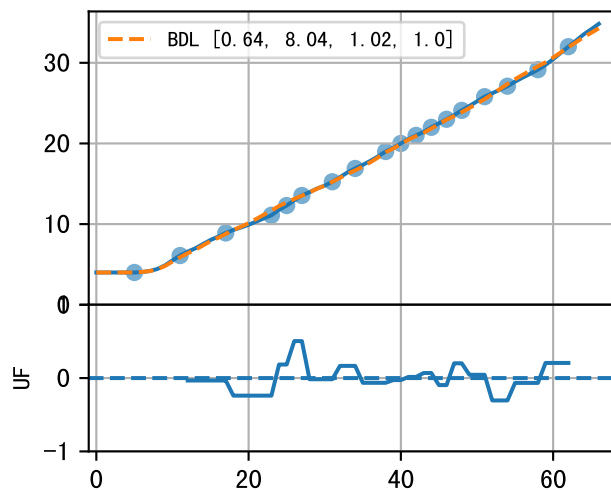
P6AW-074-19 (fit failed)



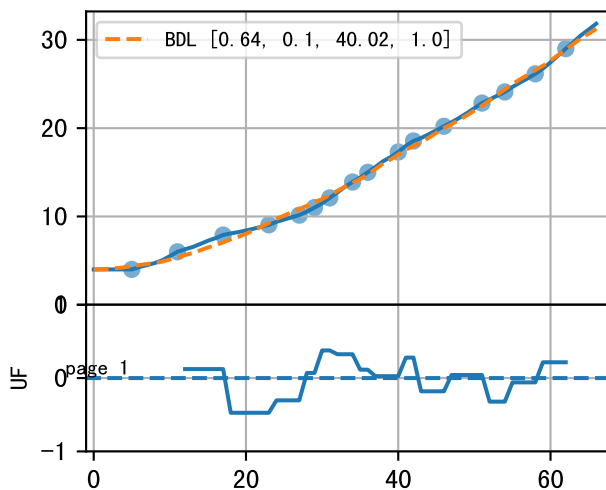
P6AW-087-14 (fit failed)



P6AW-095-29 (fit failed)



P6AW-106-11 (fit failed)

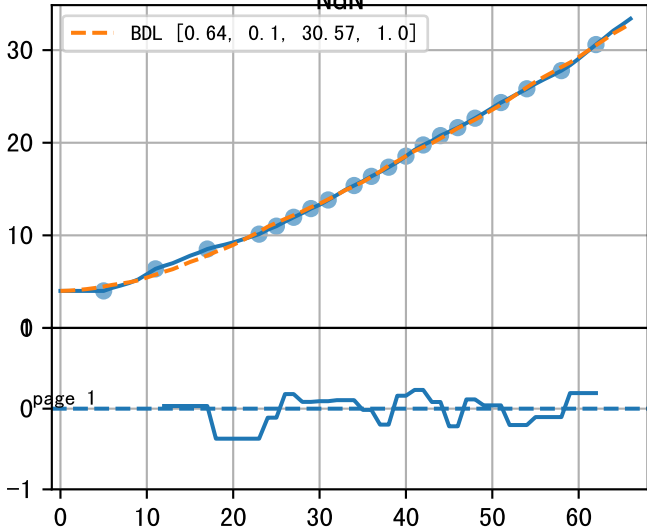


P6AWavg (fit failed)

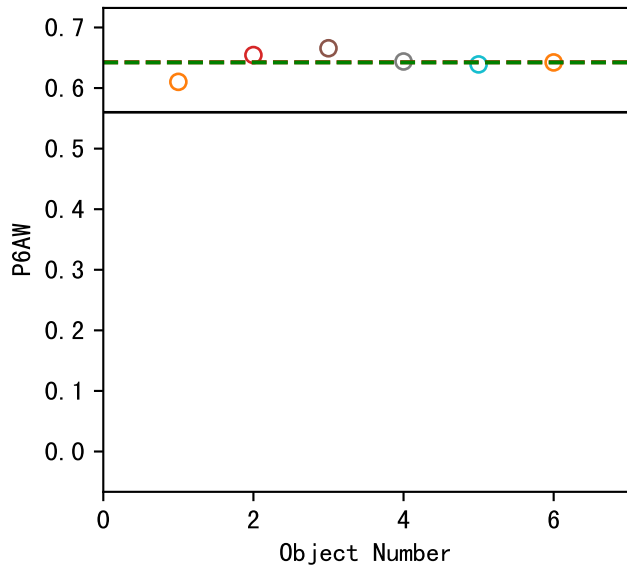
NdN

BDL [0.64, 0.1, 30.57, 1.0]

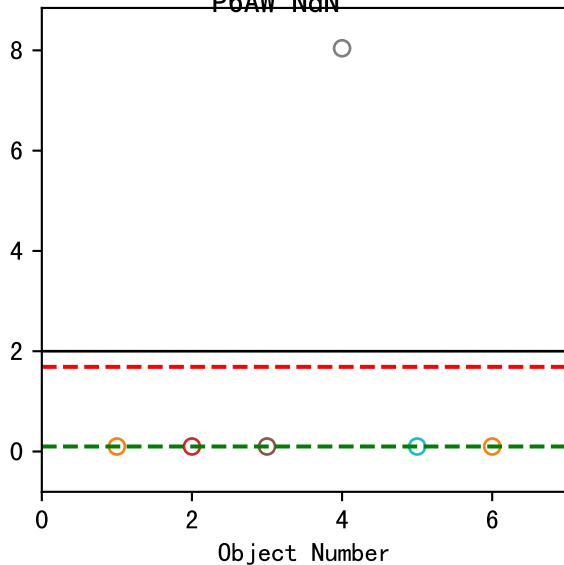
UF
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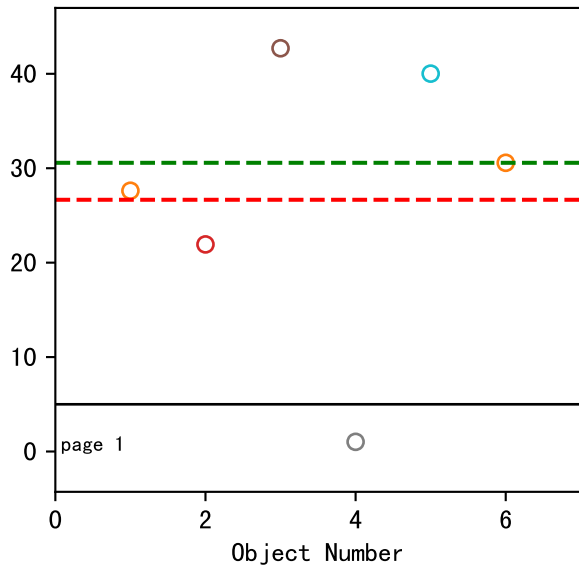
a (Def=0.56 Set=0.64)
avg1=0.64(fail) avg2=0.64



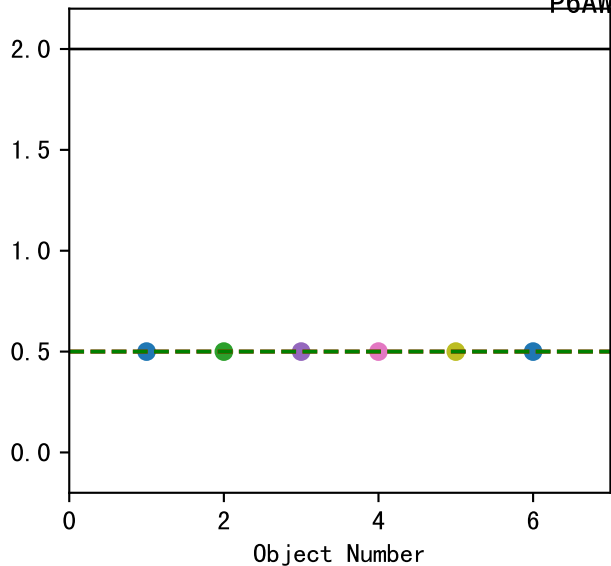
dm (Def=2 Set=0.1)
avg1=1.69(fail) avg2=0.1



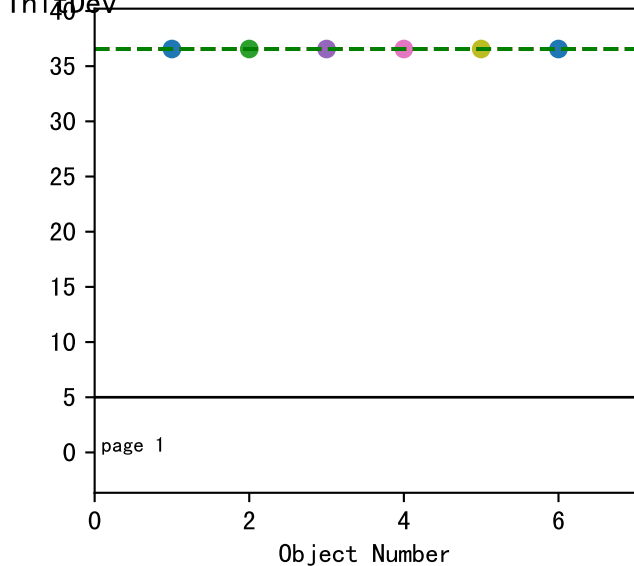
de (Def=5 Set=30.57)
avg1=26.66(fail) avg2=30.57



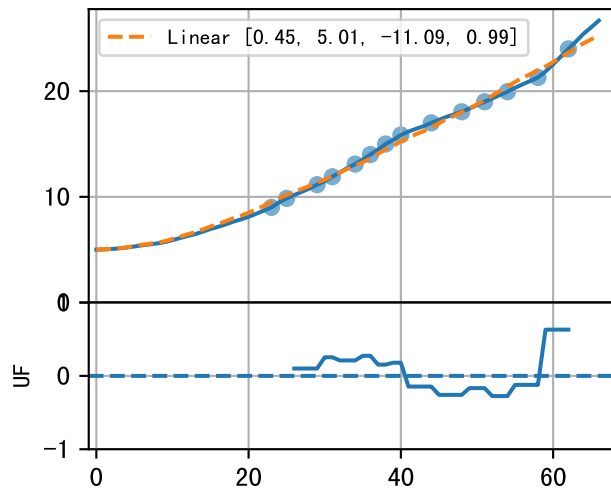
InitDev_dm (Def=2 Set=0.5)
avg1=0.5~0% avg2=0.5



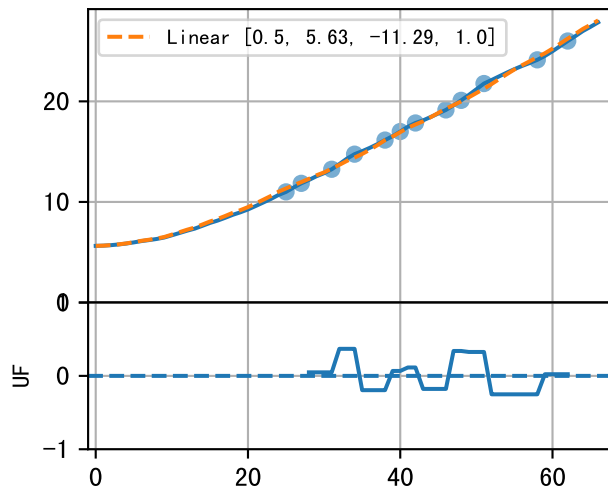
InitDev_de (Def=5 Set=36.55)
avg1=36.55~0% avg2=36.55



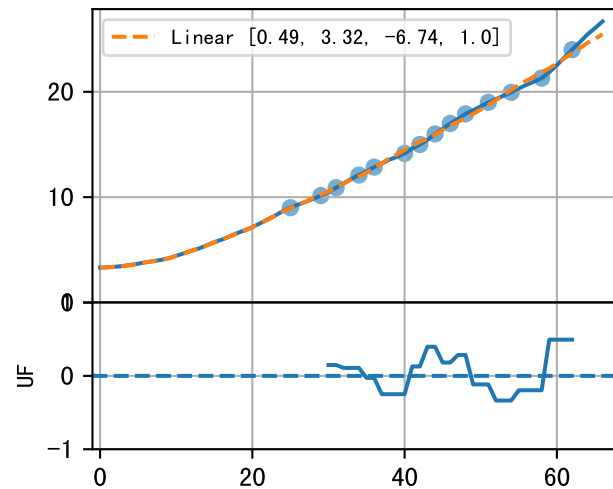
P6AW-058-22



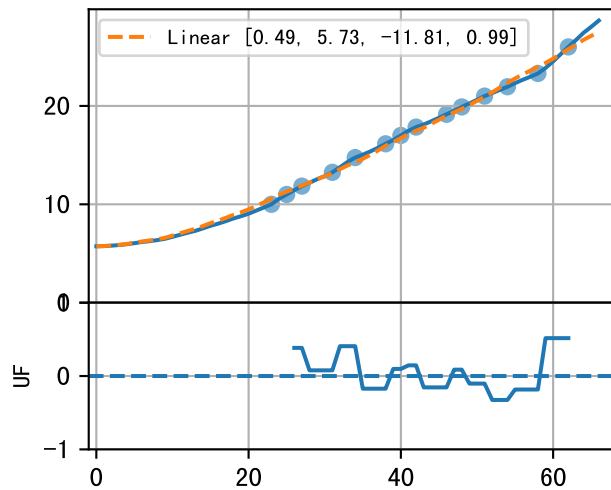
P6AW-074-9



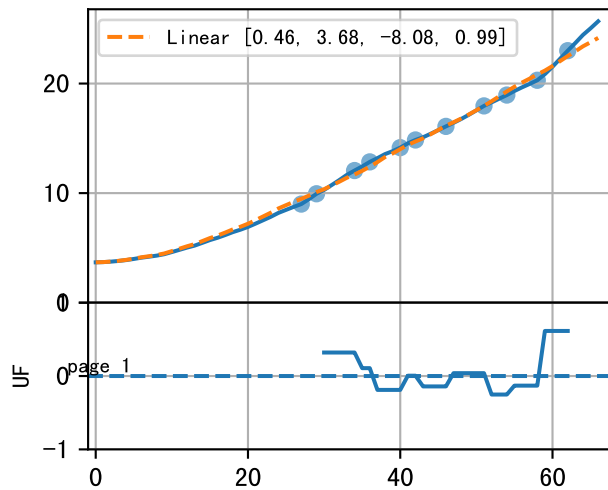
P6AW-087-14



P6AW-095-29



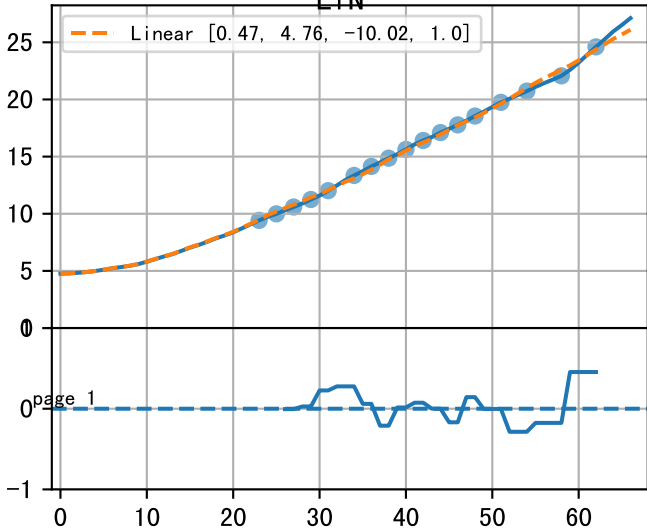
P6AW-106-11



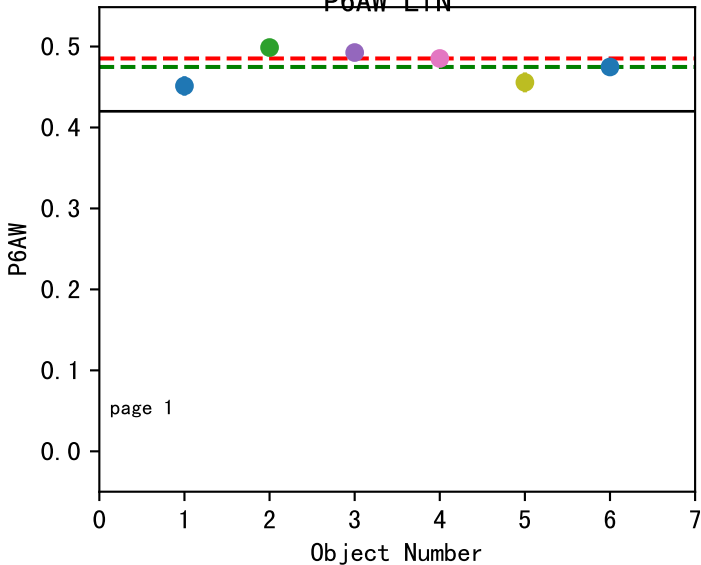
P6AWavg
Lfn

Linear [0.47, 4.76, -10.02, 1.0]

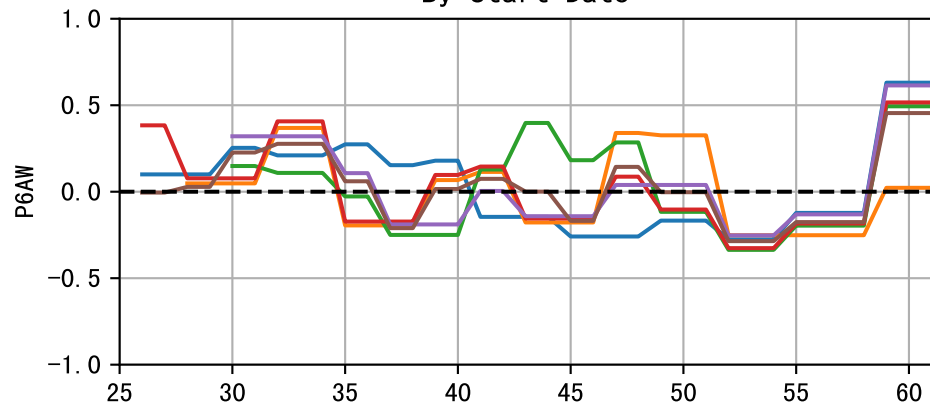
UF
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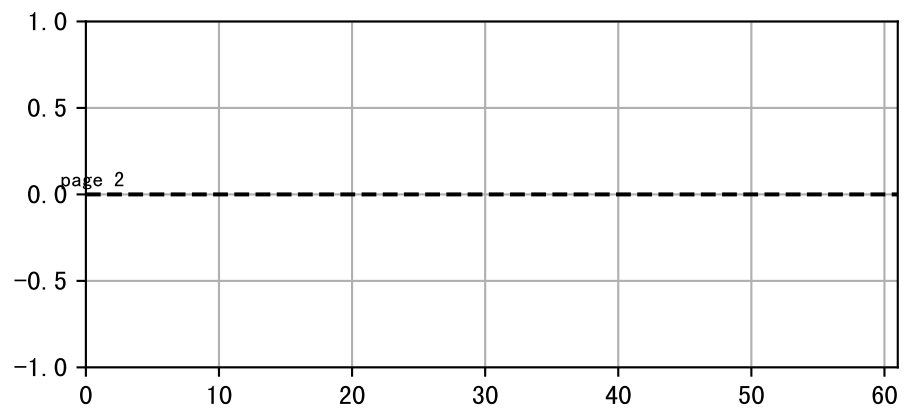
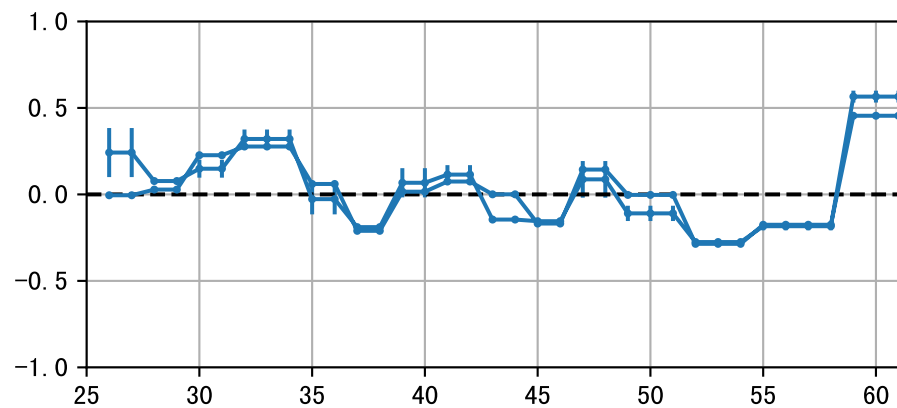
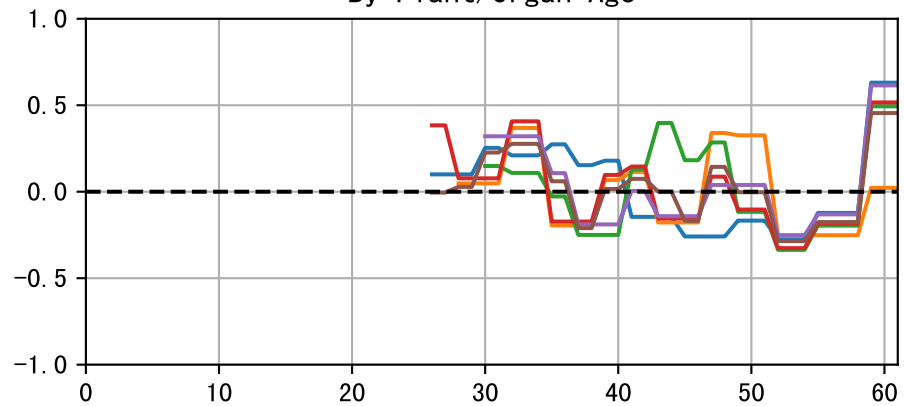
a (Def=0.42 Set=0.47)
avg1=0.49 $\sim$ 4% avg2=0.47 $\sim$ 3%
P6AW LFN



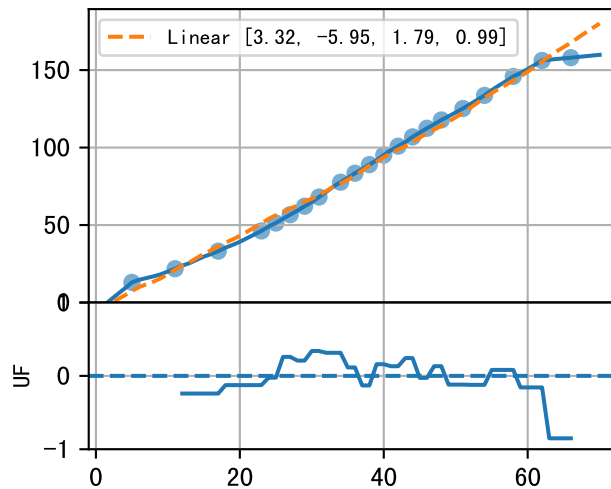
By Start Date



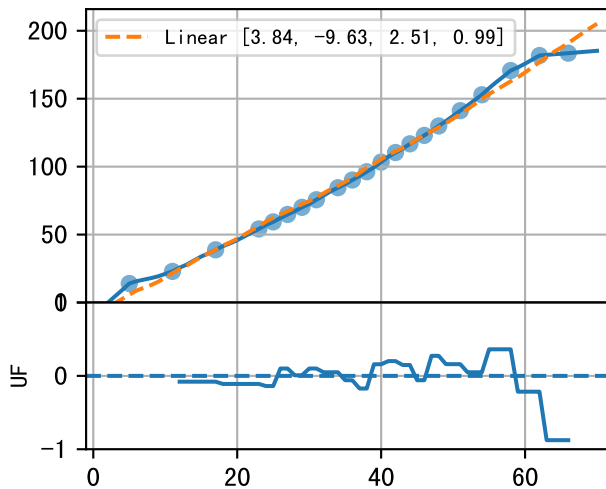
By Plant/Organ Age



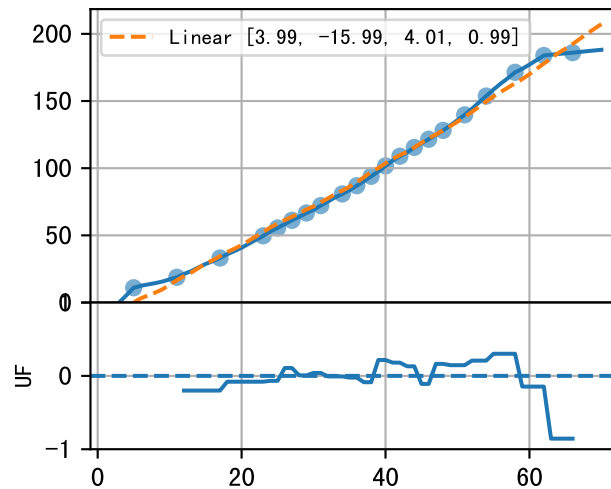
P6AW-058-22



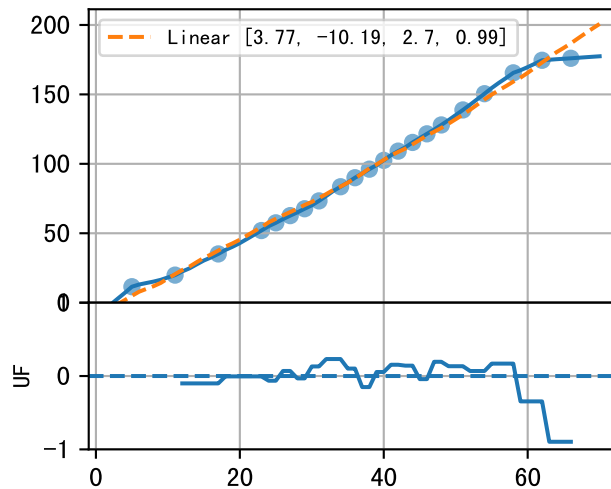
P6AW-074-9



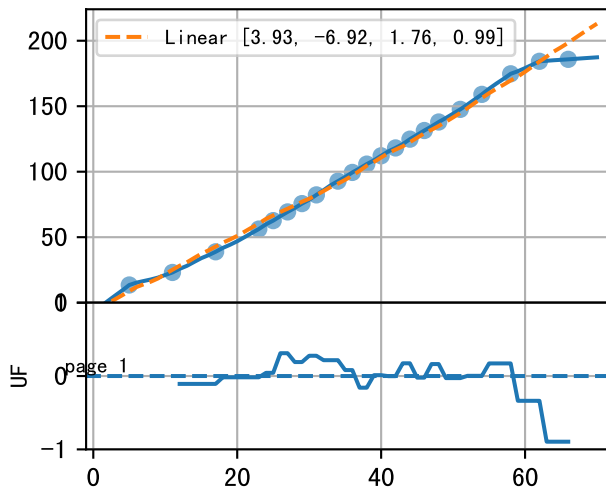
P6AW-087-14



P6AW-095-29

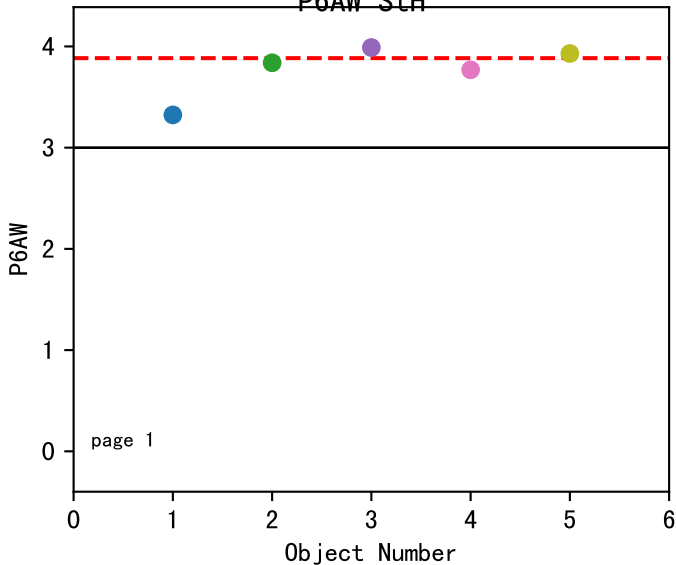


P6AW-106-11

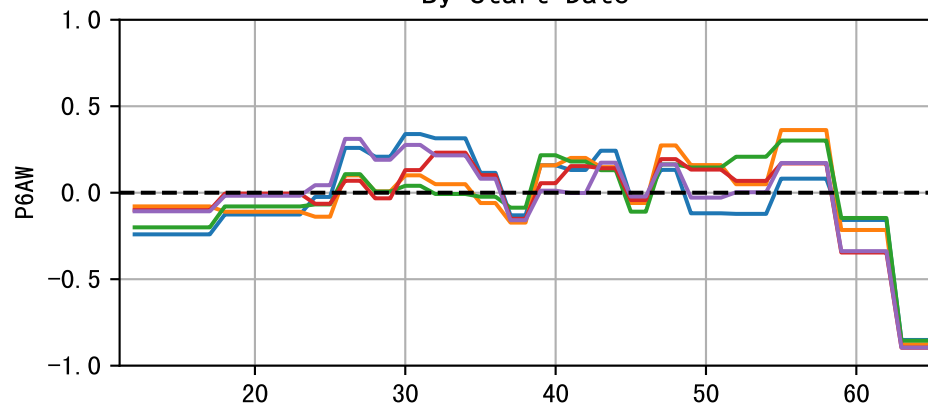


a (Def=3 Set=3.88)
avg1=3.88~3% avg2=na

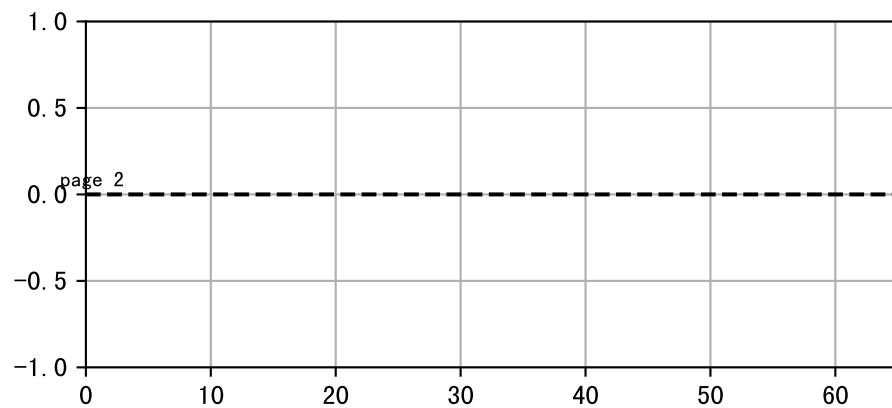
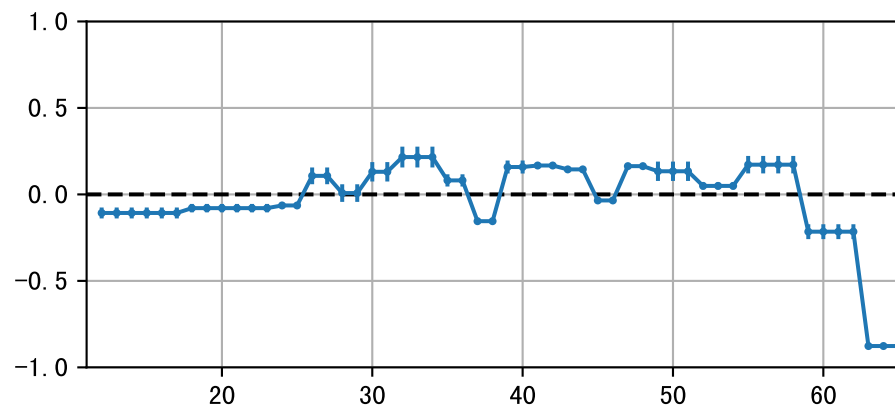
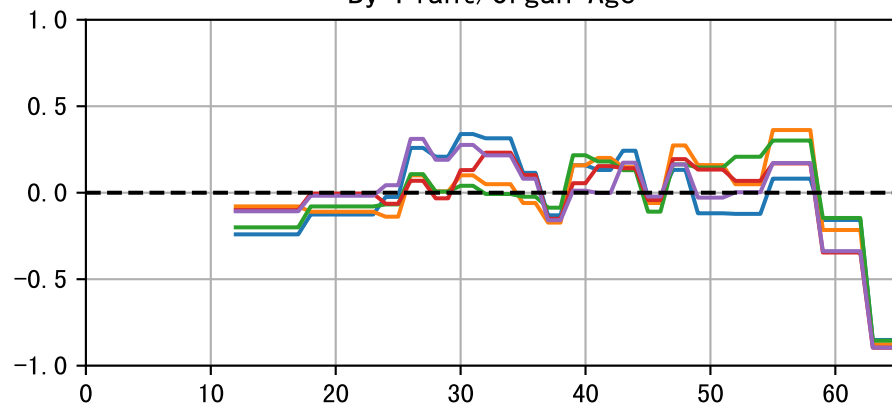
P6AW StH



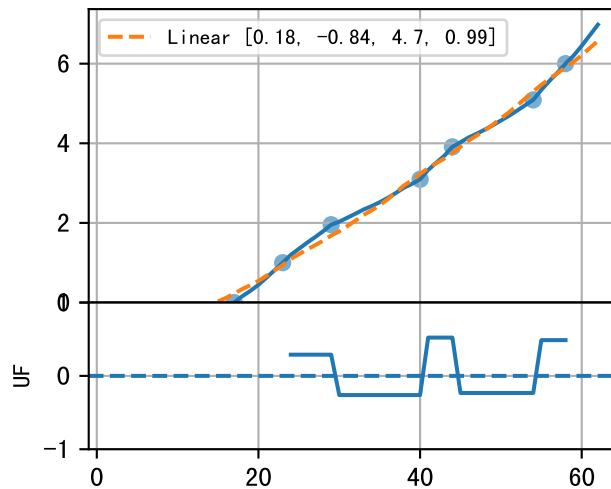
By Start Date



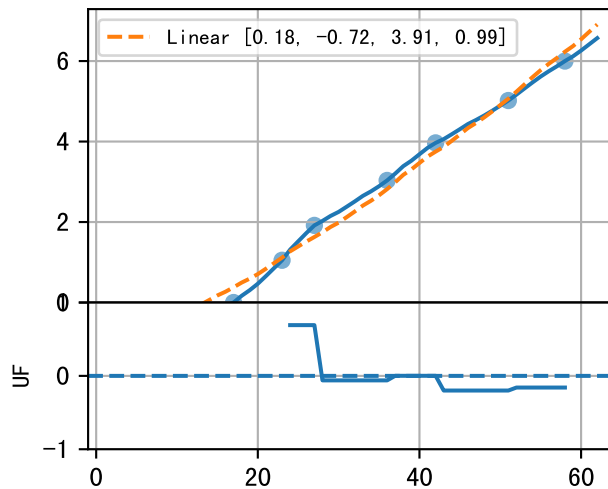
By Plant/Organ Age



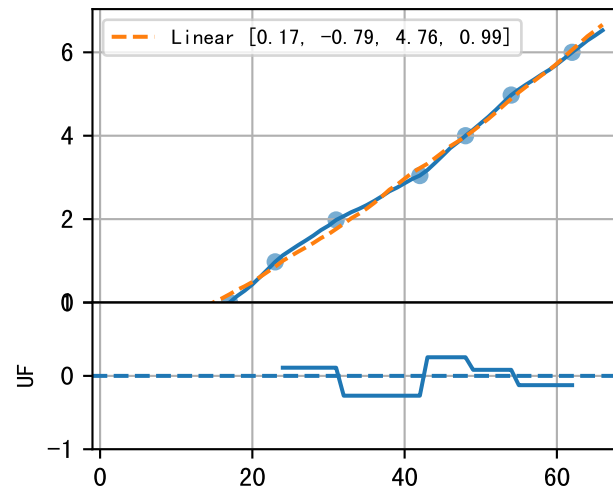
P6AW-058-22



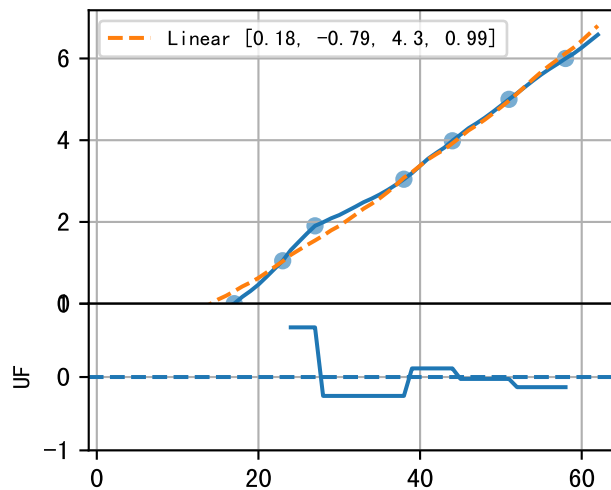
P6AW-074-9



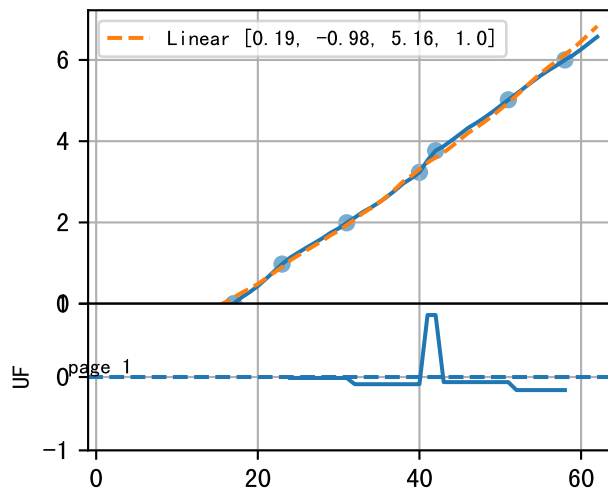
P6AW-087-14



P6AW-095-29



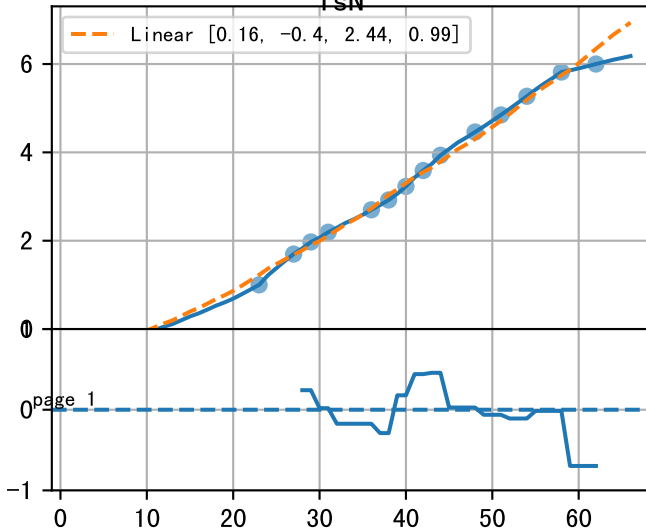
P6AW-106-11



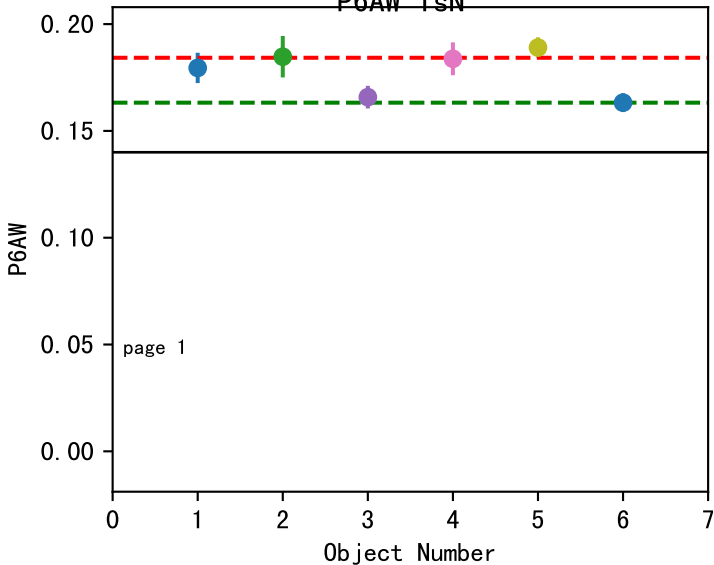
P6AWavg
TSN

Linear [0.16, -0.4, 2.44, 0.99]

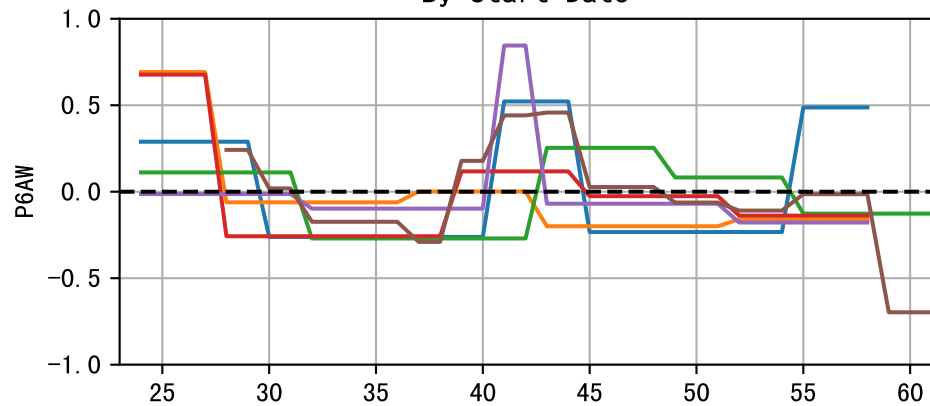
UF
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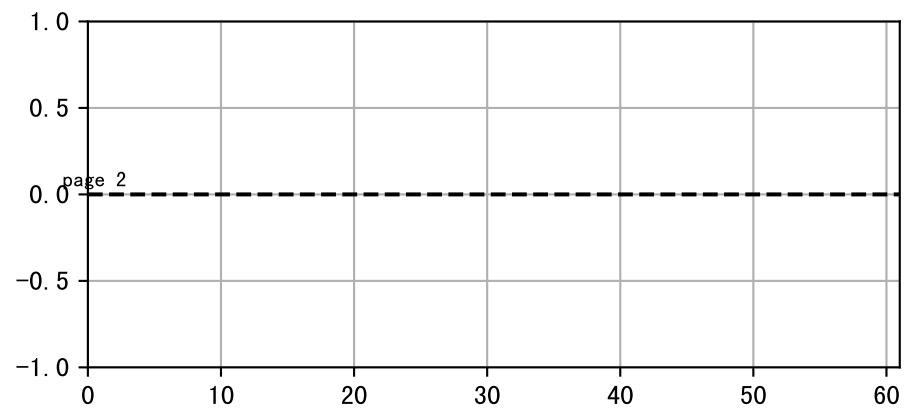
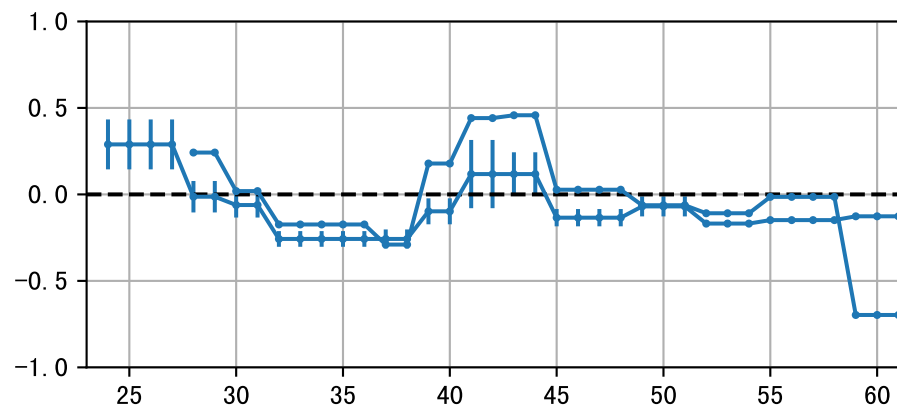
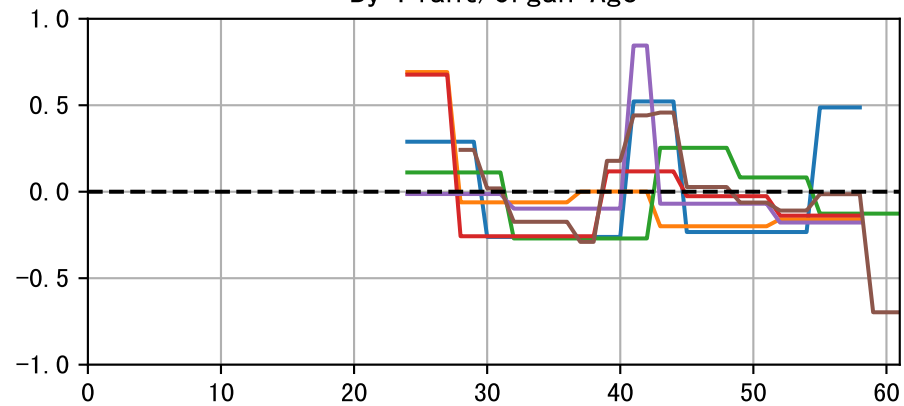
a (Def=0.14 Set=0.16)
avg1=0.18 $\sim$ 2% avg2=0.16 $\sim$ 6%
P6AW TSN

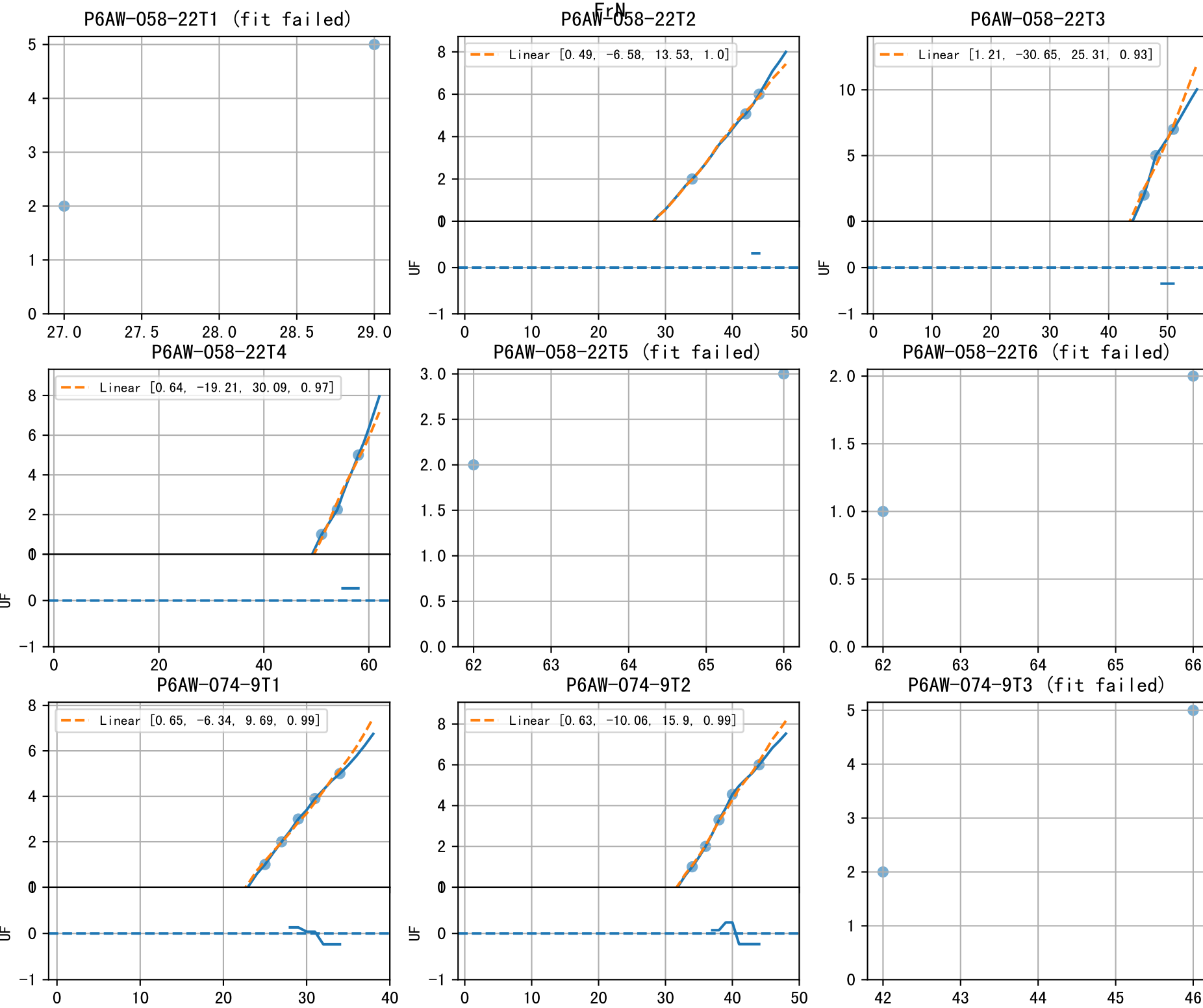


By Start Date

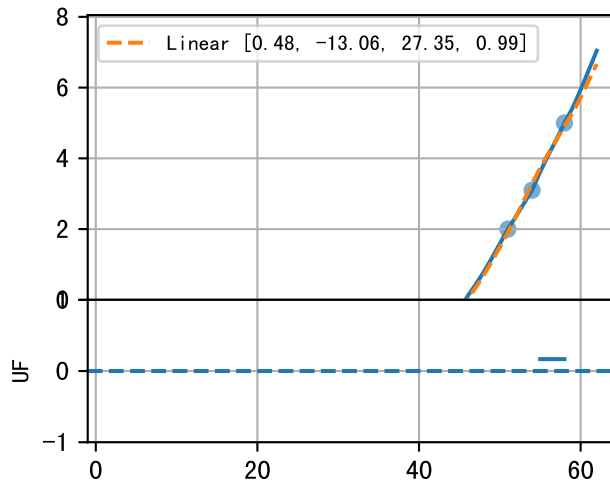


By Plant/Organ Age

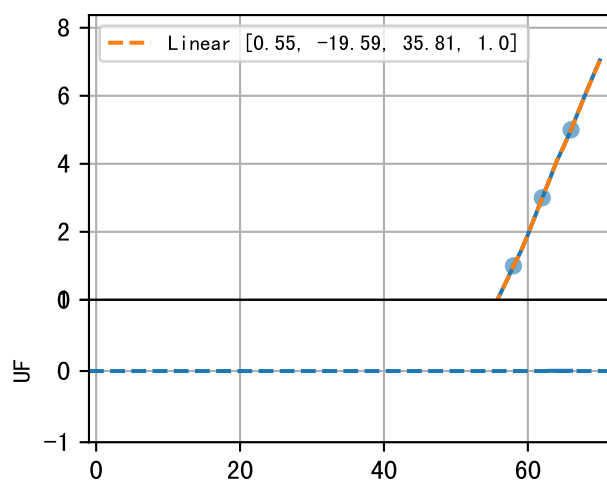




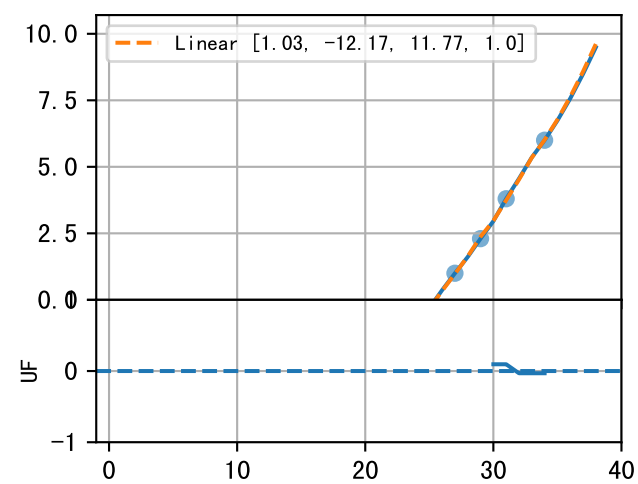
P6AW-074-9T4



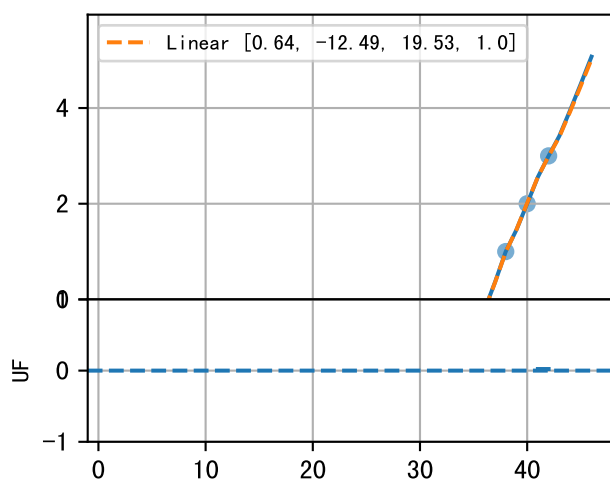
P6AW-074-9T5



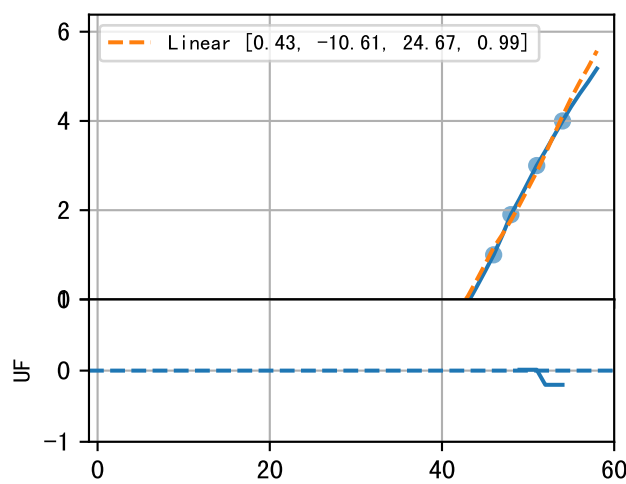
P6AW-087-14T1



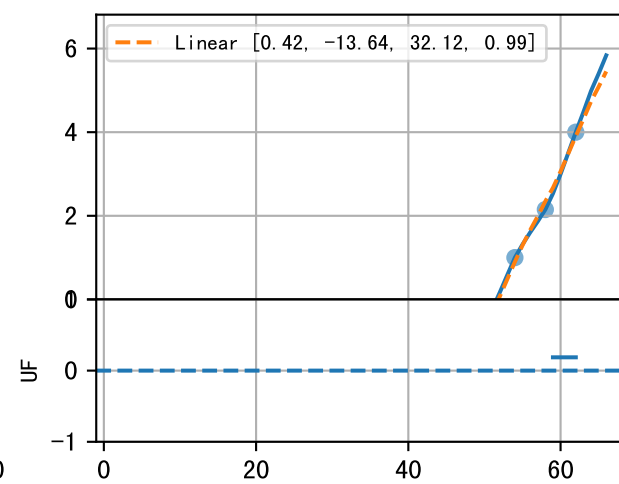
P6AW-087-14T2



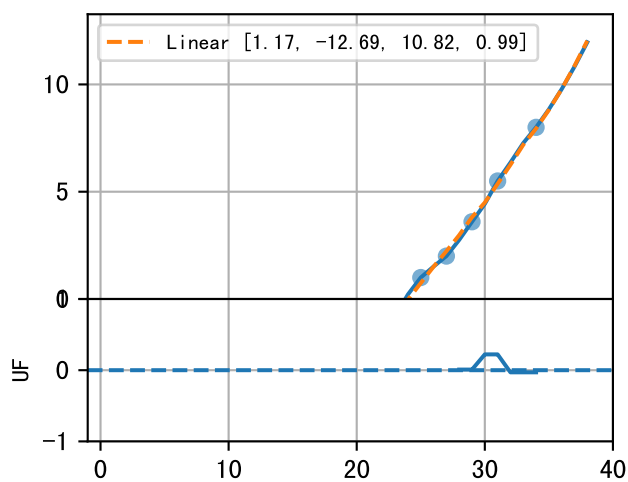
P6AW-087-14T3



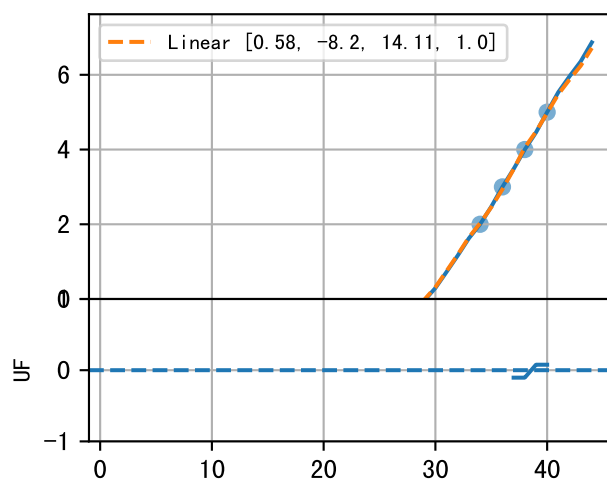
P6AW-087-14T4



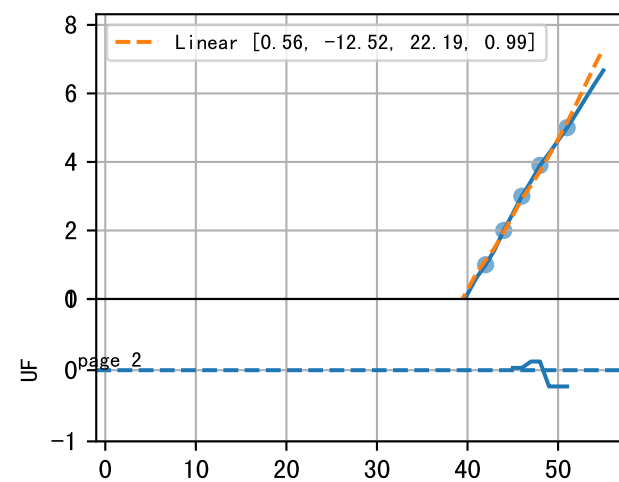
P6AW-095-29T1



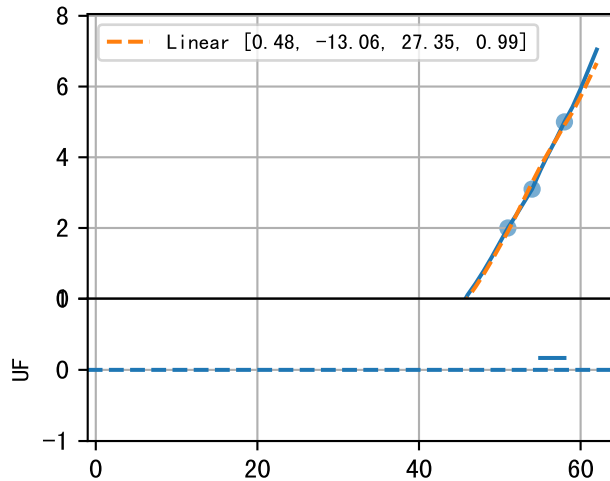
P6AW-095-29T2



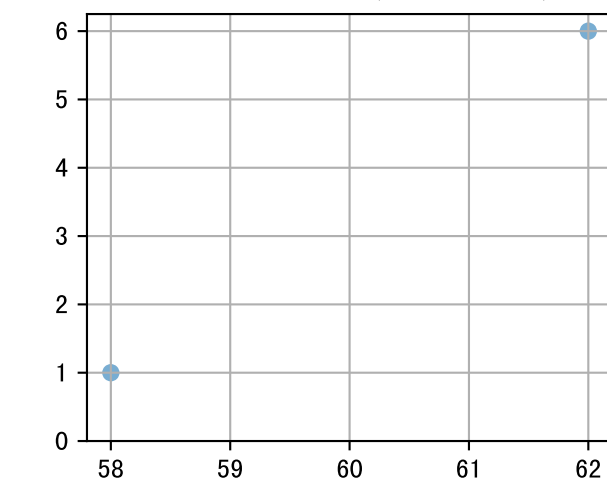
P6AW-095-29T3



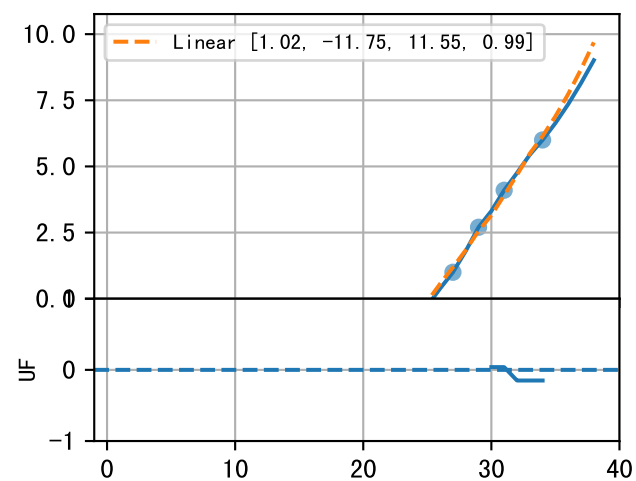
P6AW-095-29T4



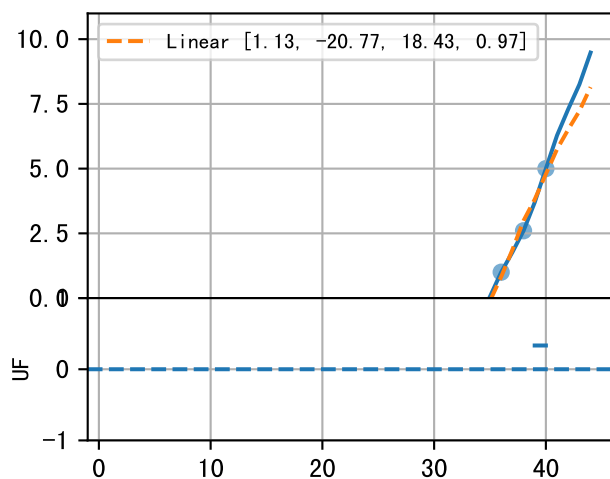
P6AW-095-29T5 (fit failed)



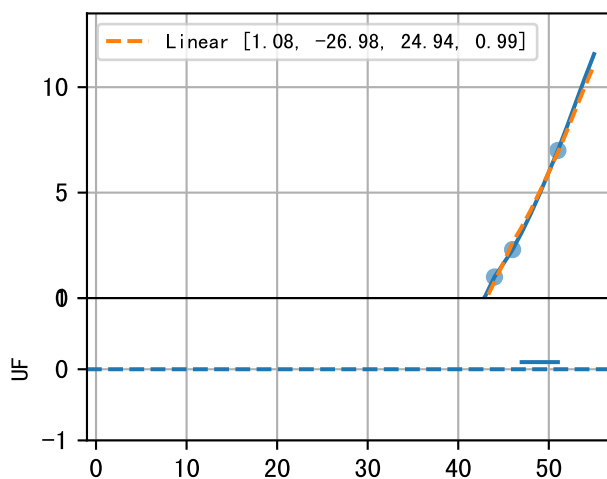
P6AW-106-11T1



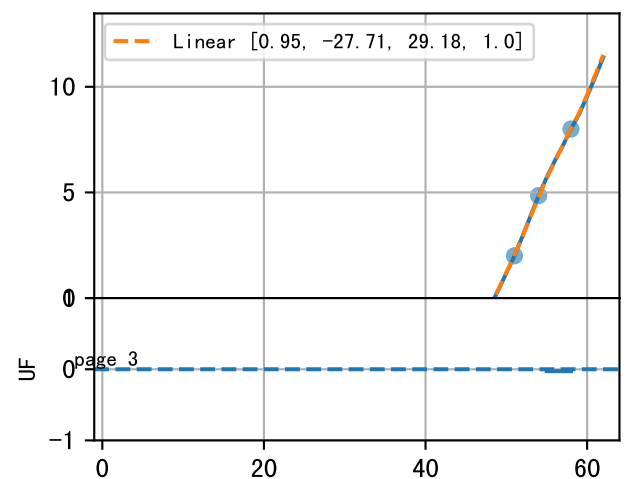
P6AW-106-11T2



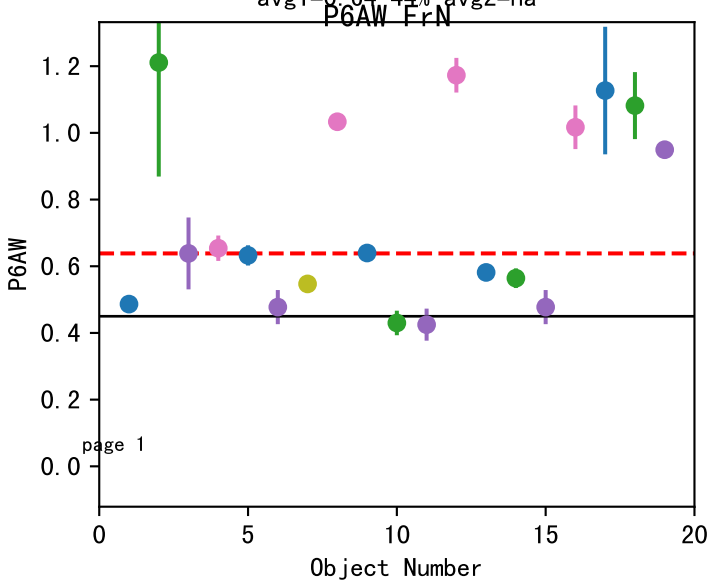
P6AW-106-11T3



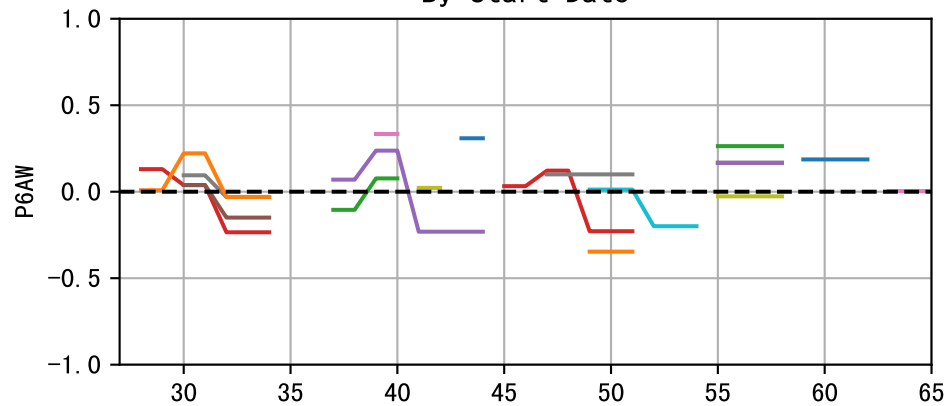
P6AW-106-11T4



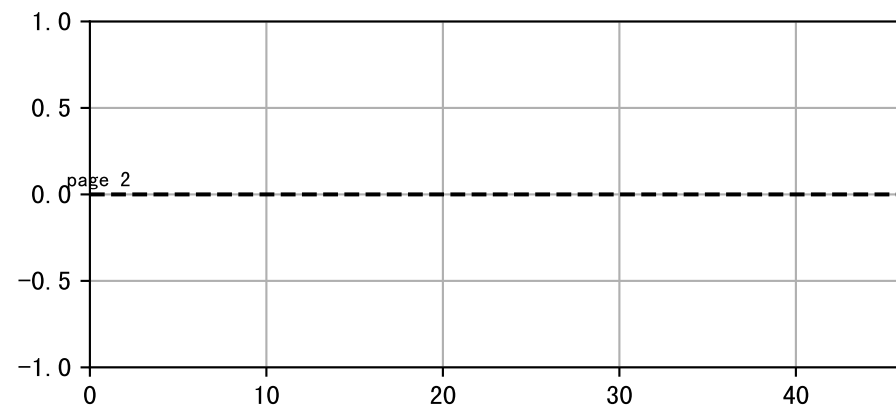
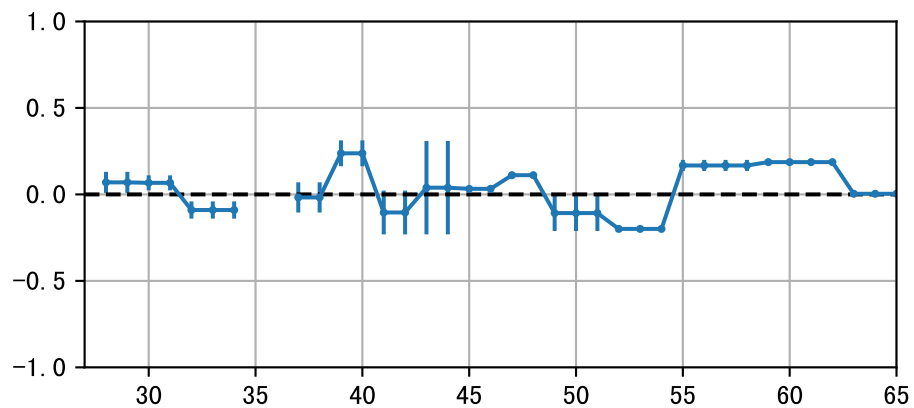
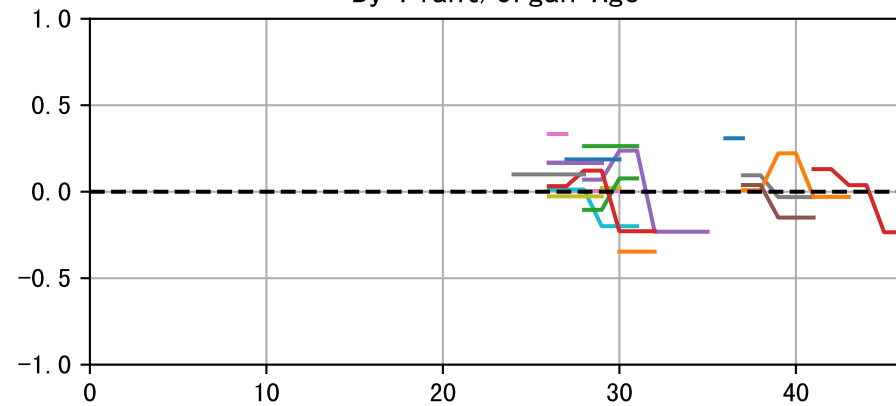
a (Def=0.45 Set=0.64)
 avg1=0.64~44% avg2=na



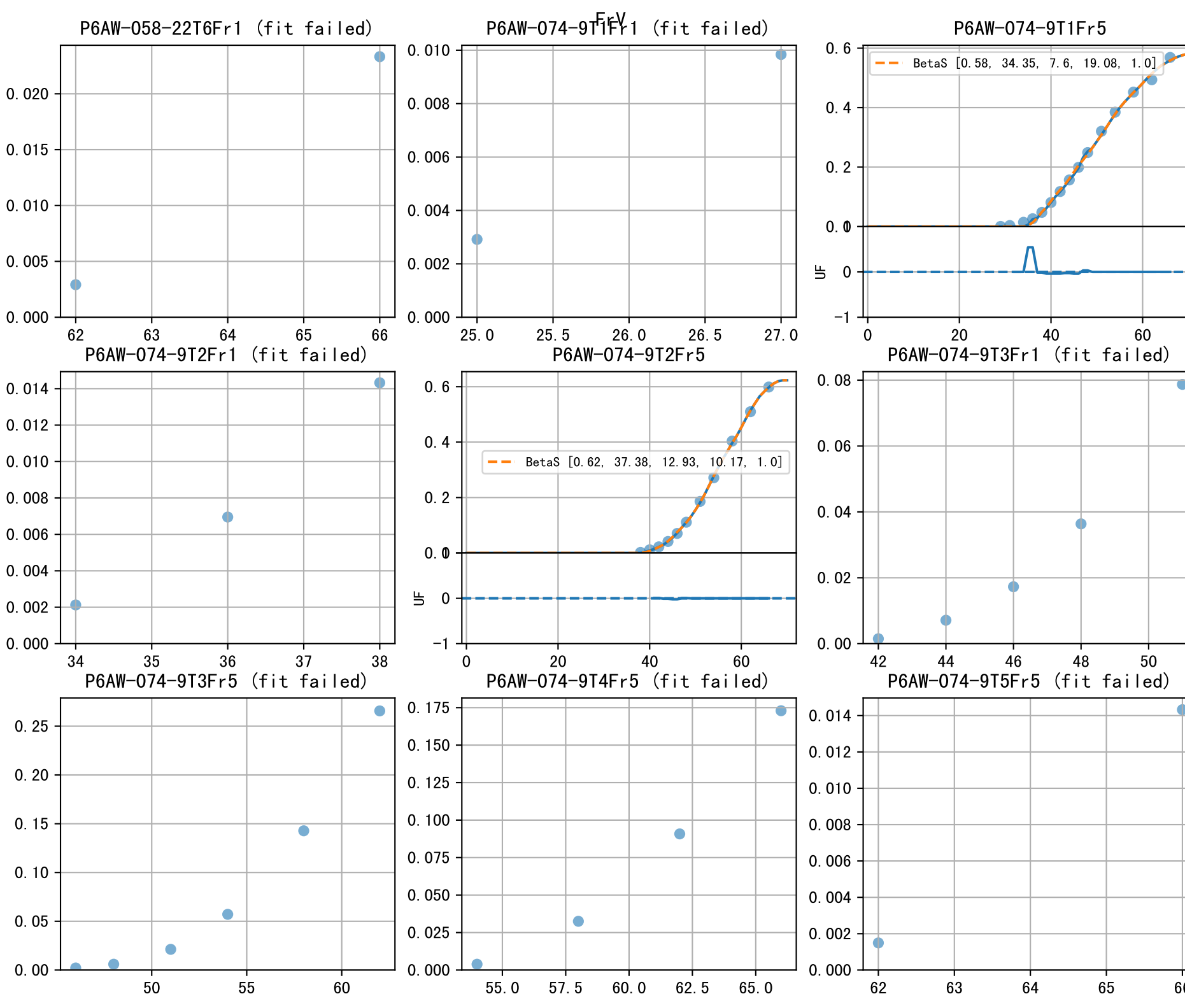
By Start Date

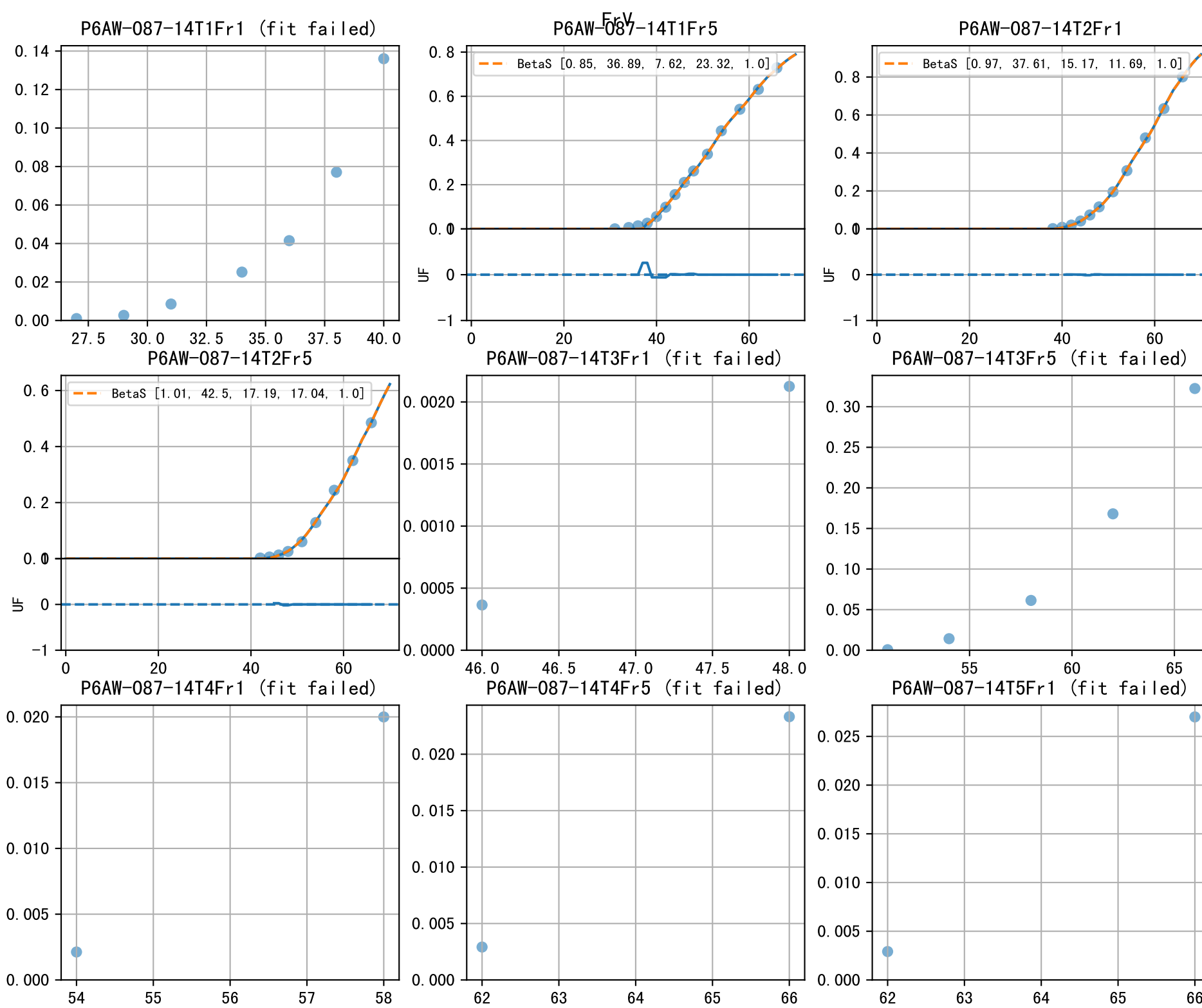


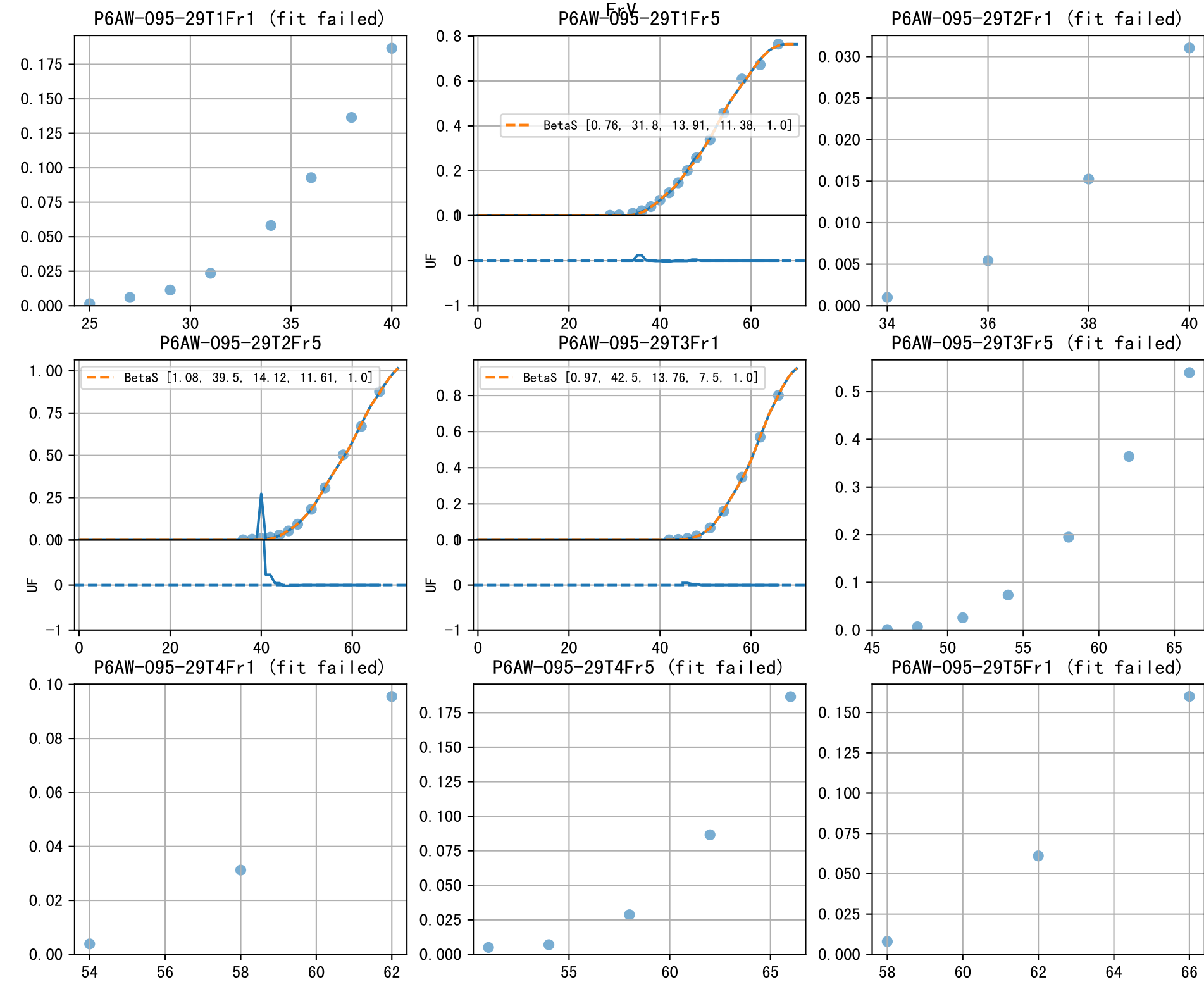
By Plant/Organ Age



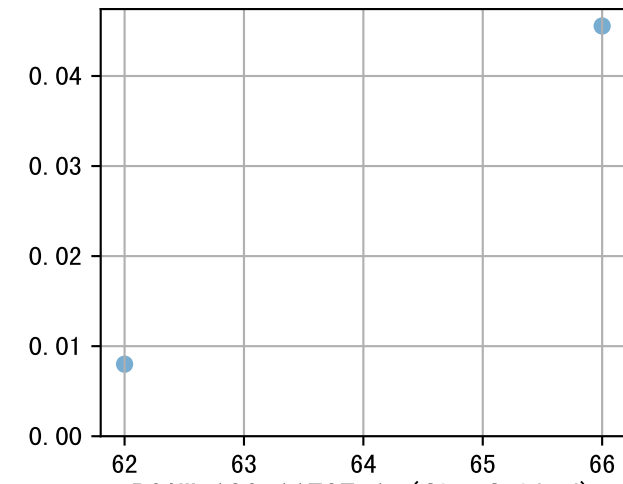




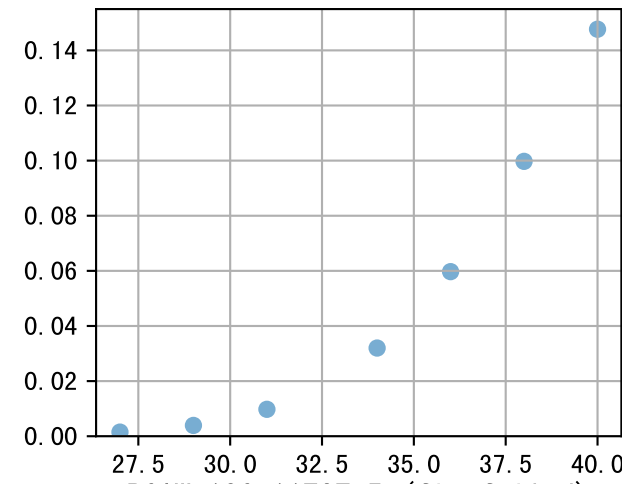




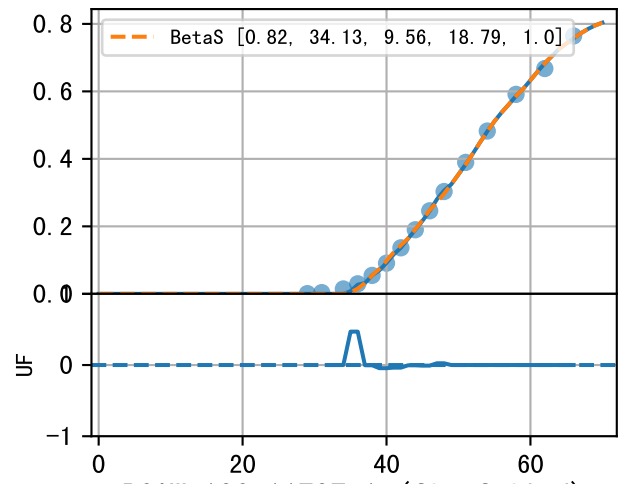
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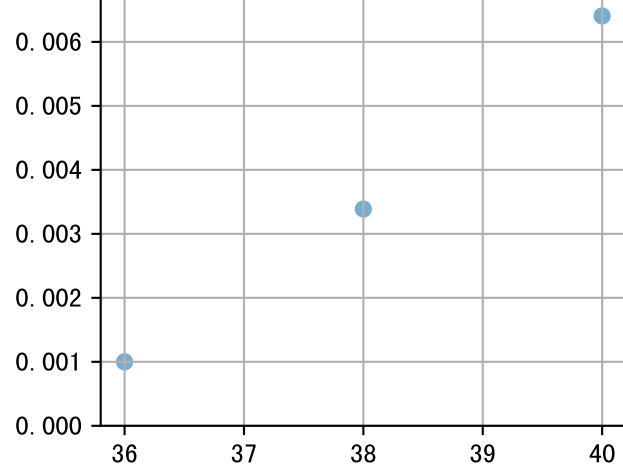
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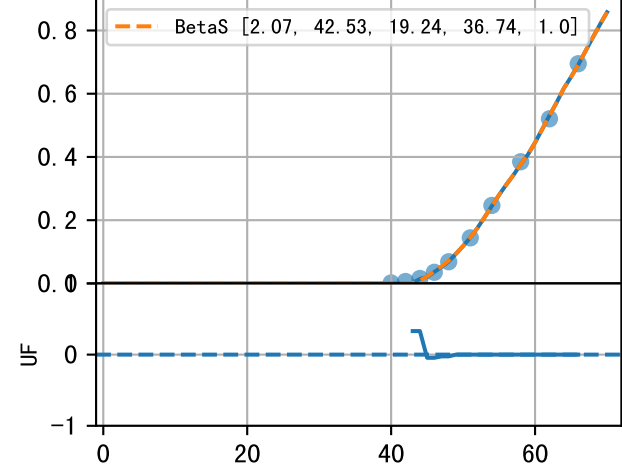
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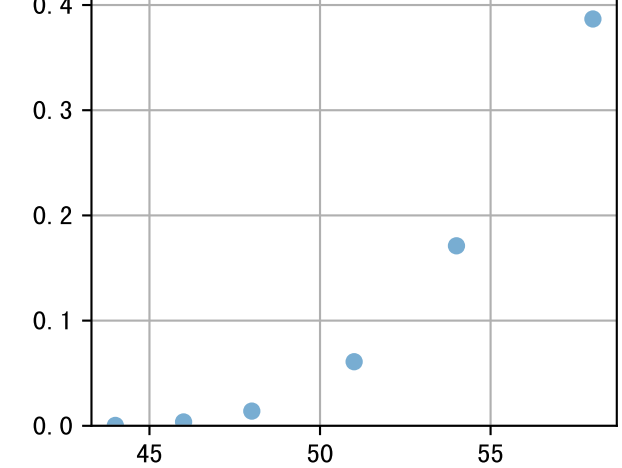
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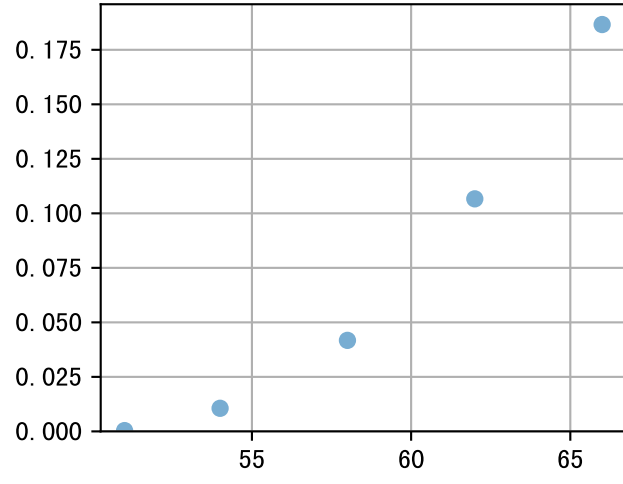
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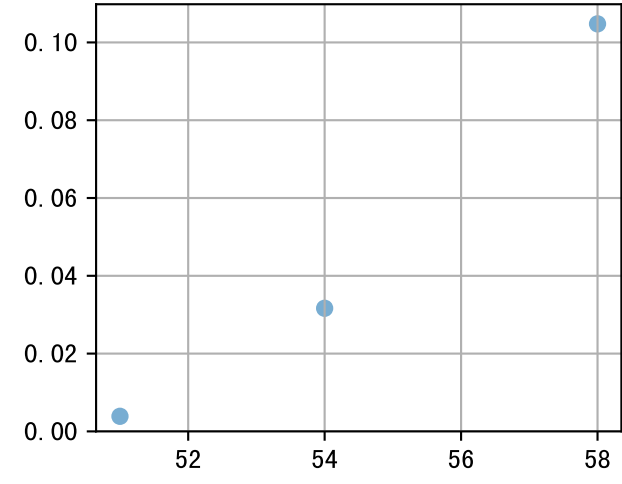
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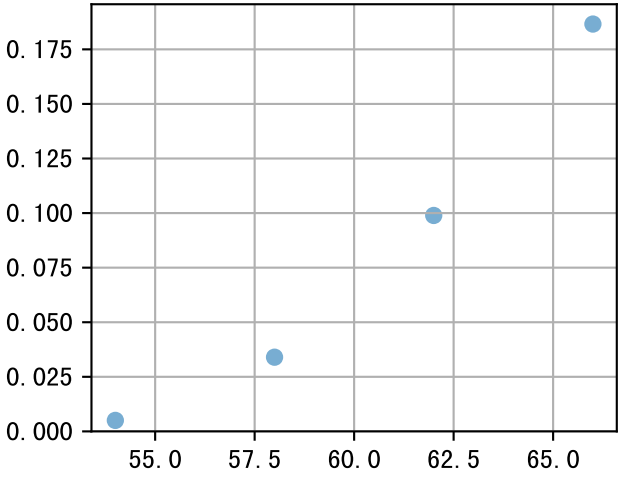
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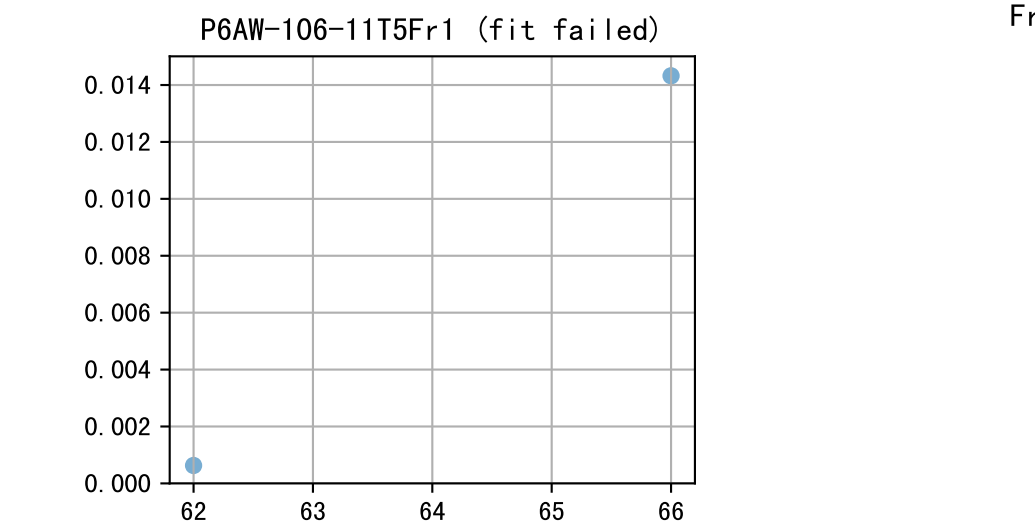


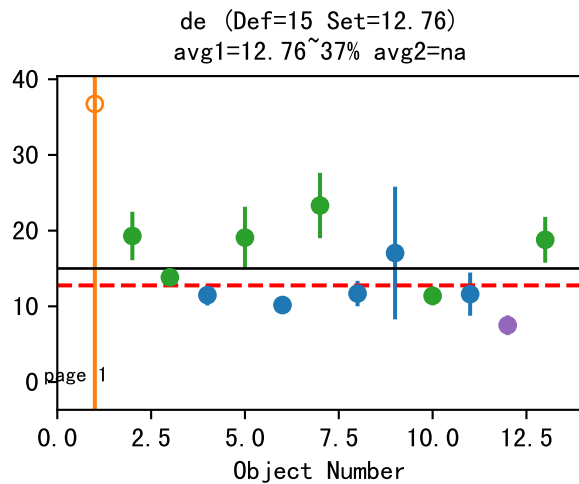
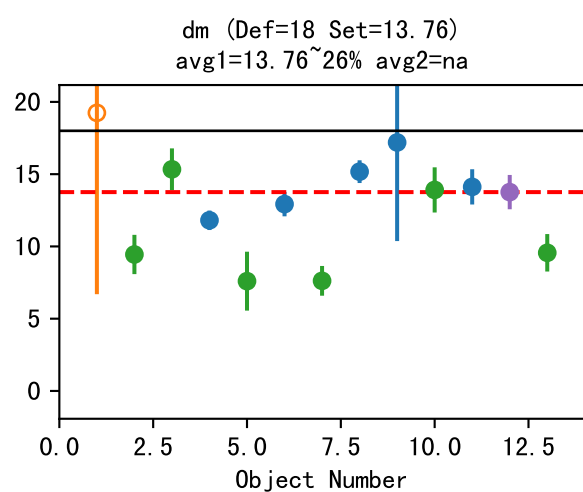
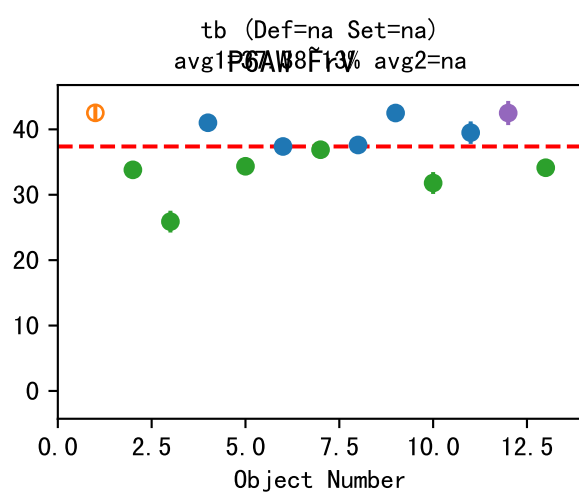
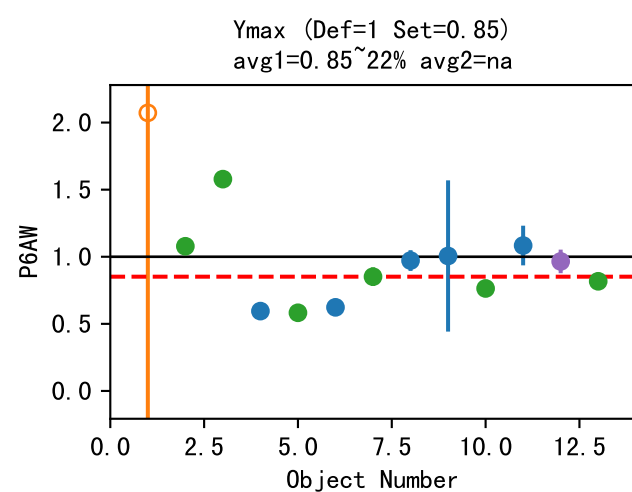
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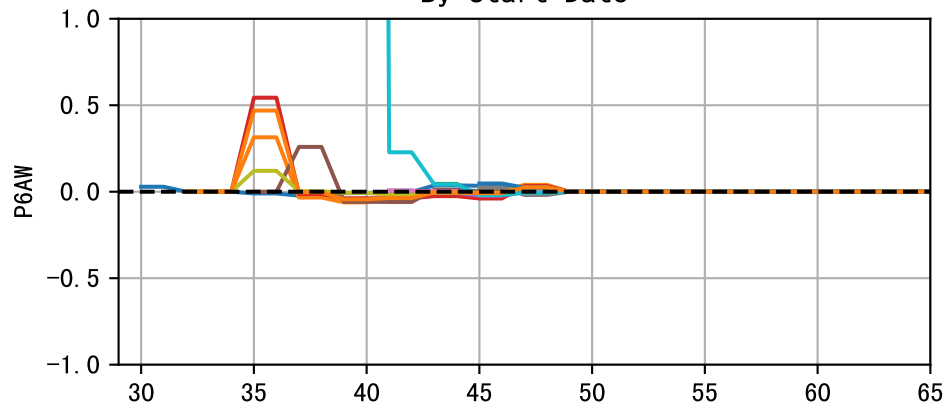
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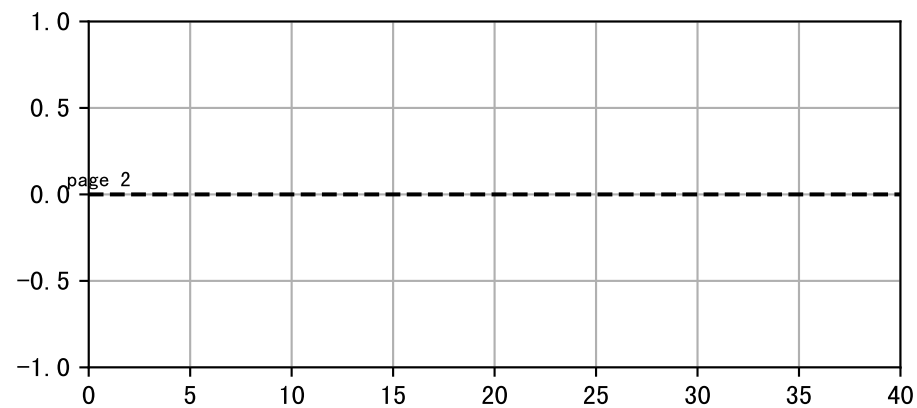
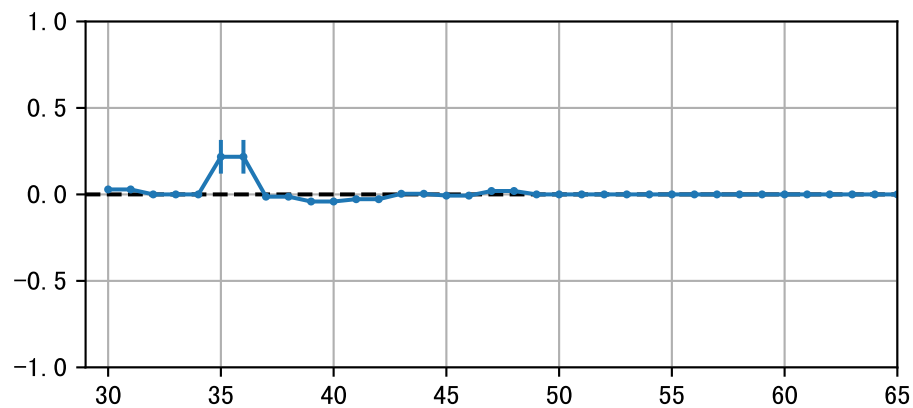
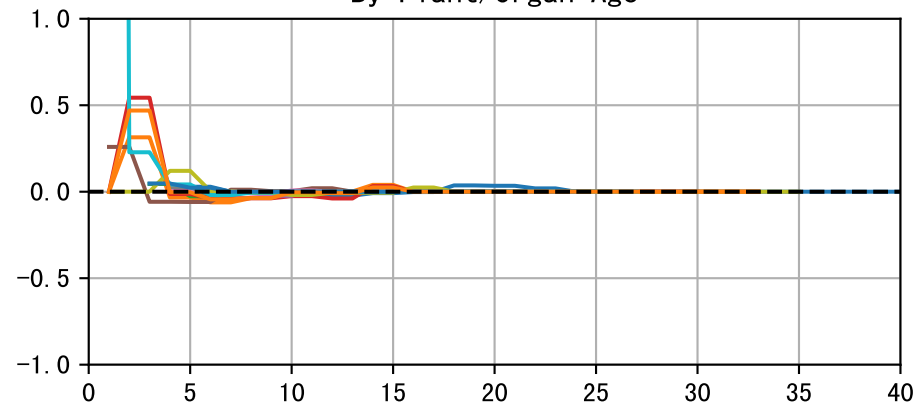




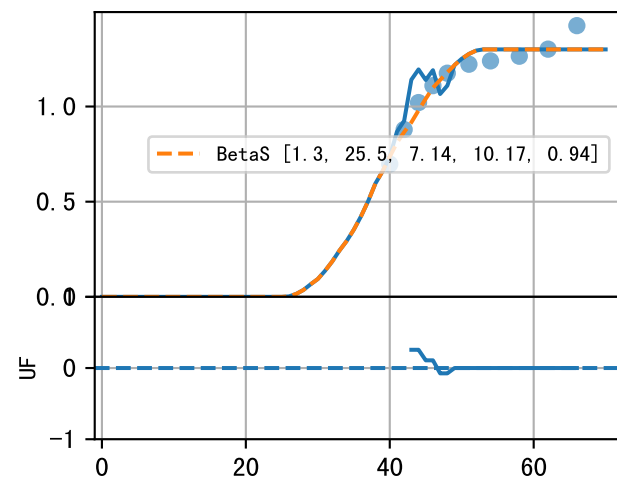
By Start Date



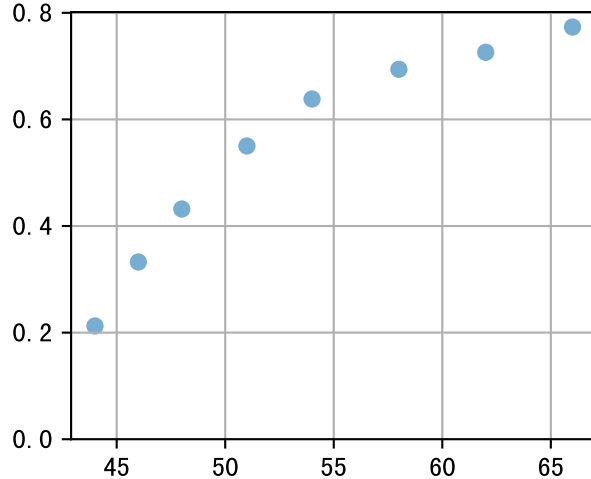
By Plant/Organ Age



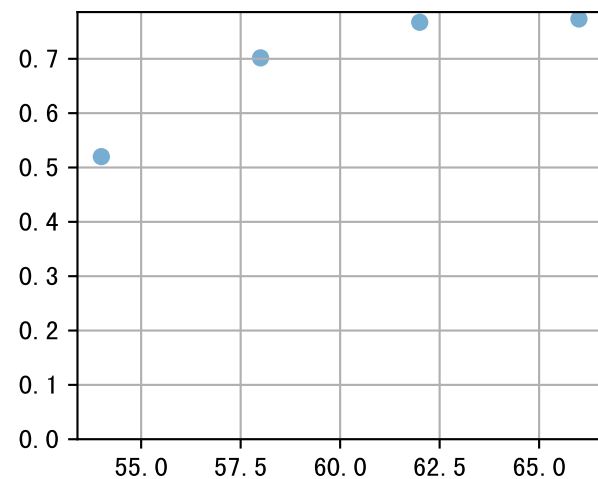
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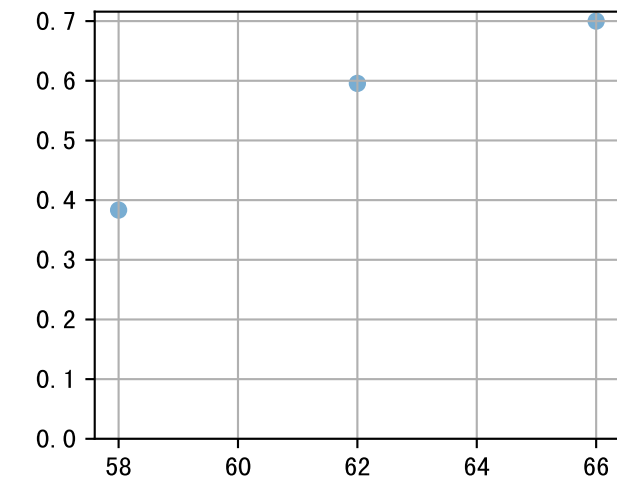
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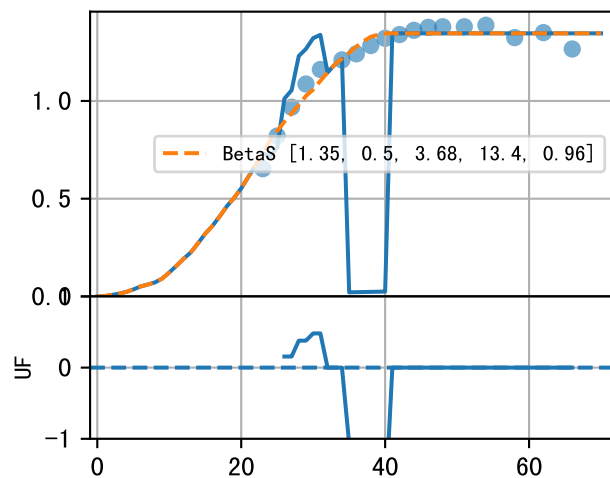
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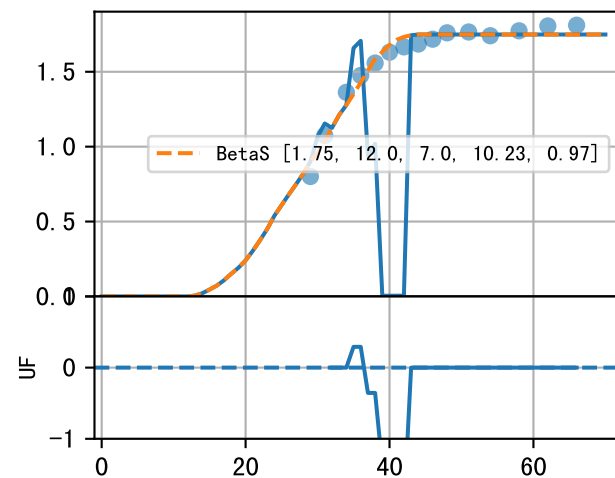
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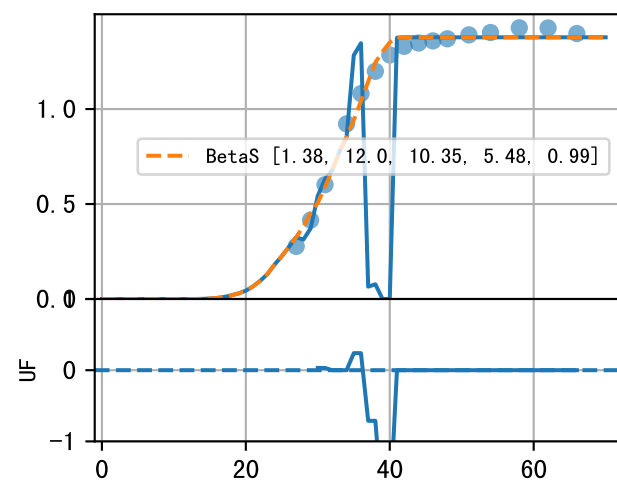
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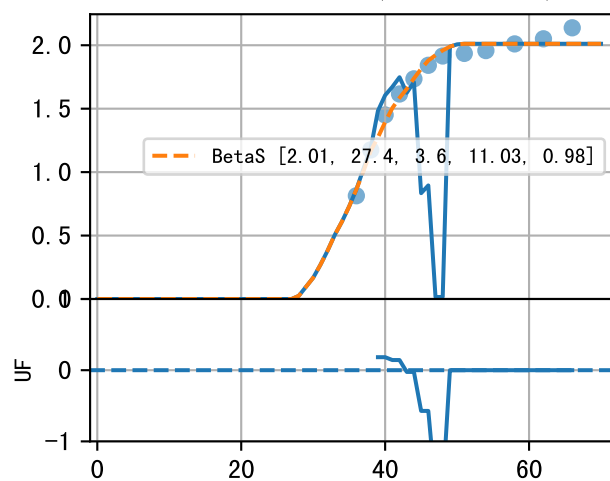
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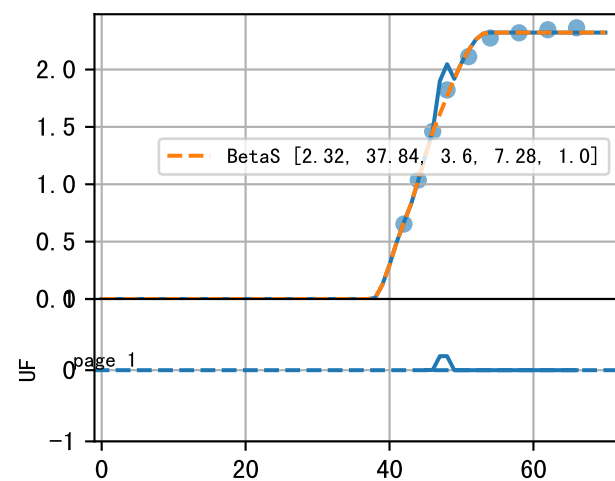
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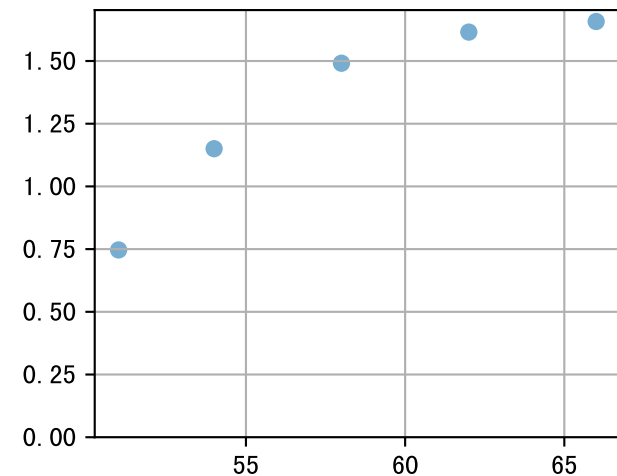
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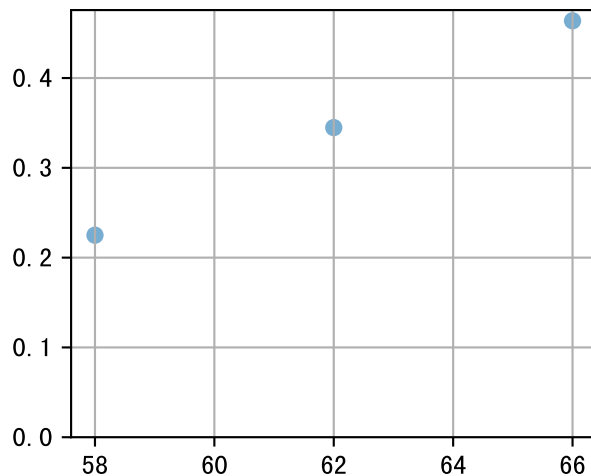
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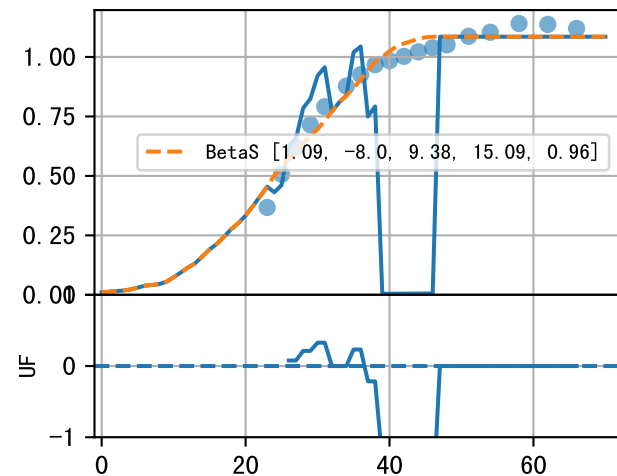
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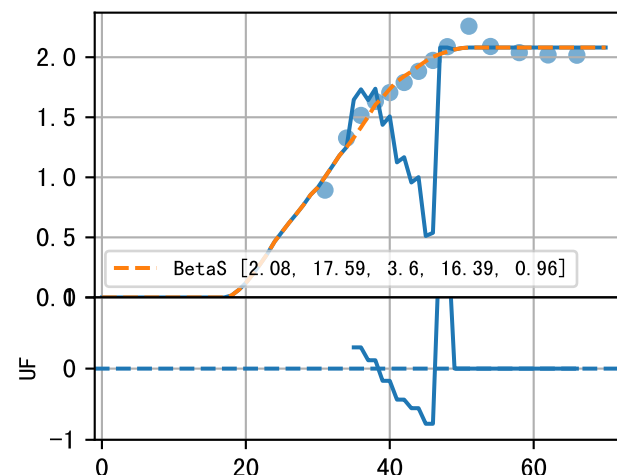
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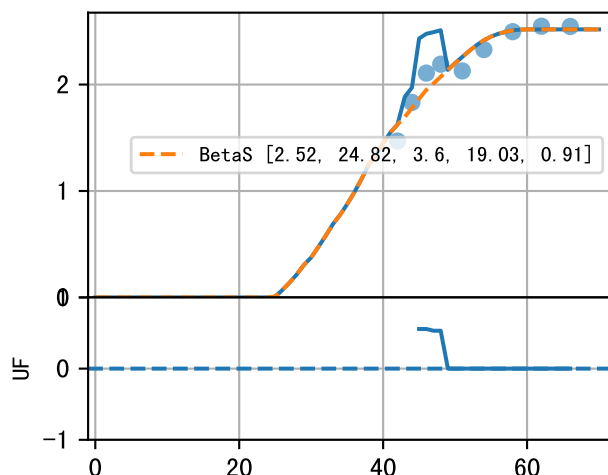
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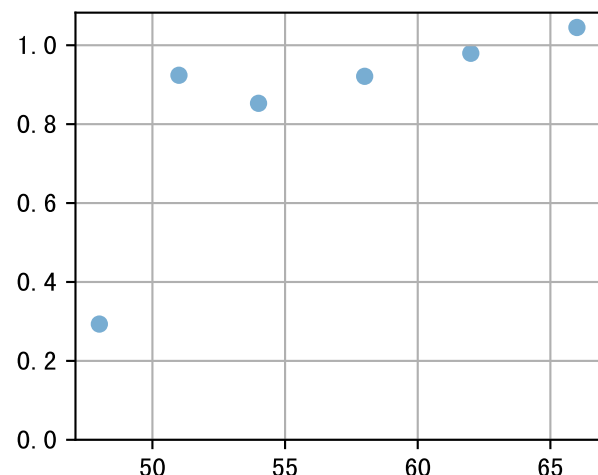
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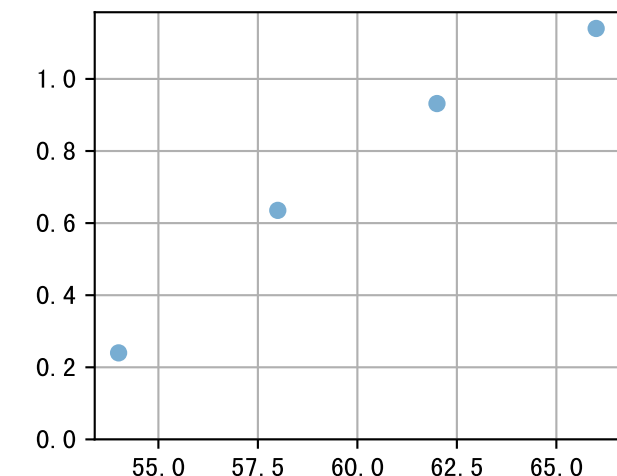
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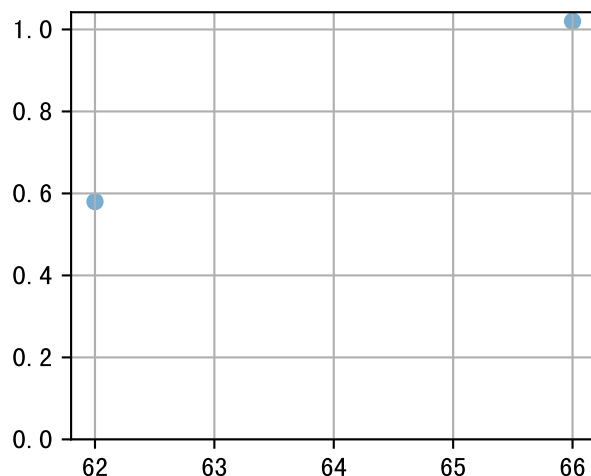
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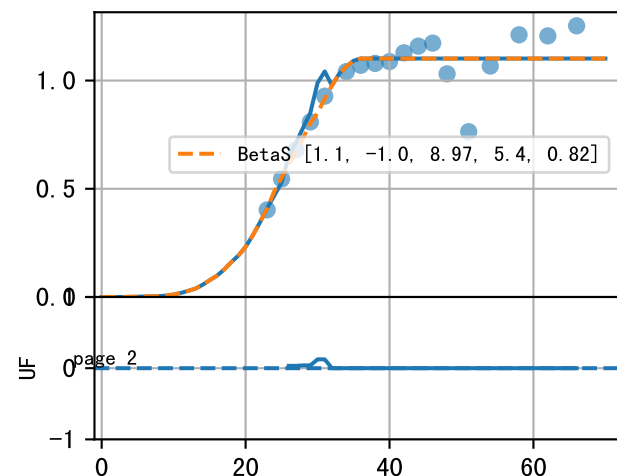
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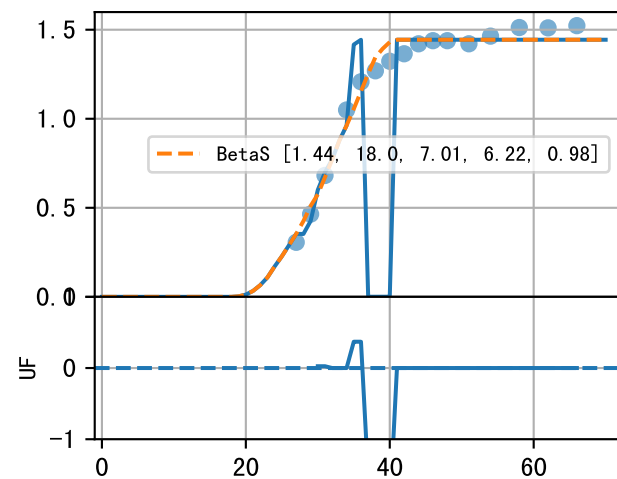
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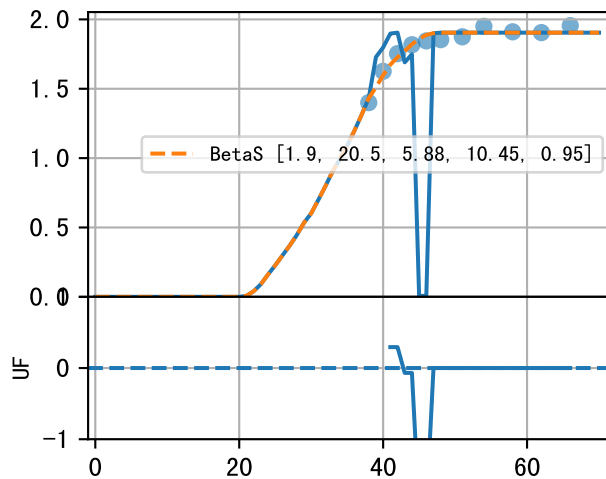
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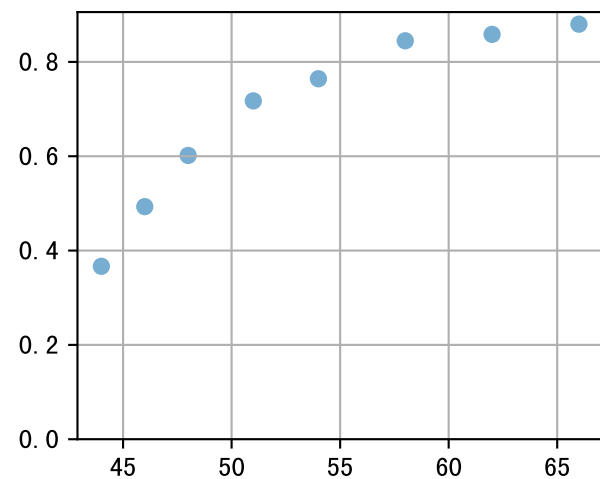
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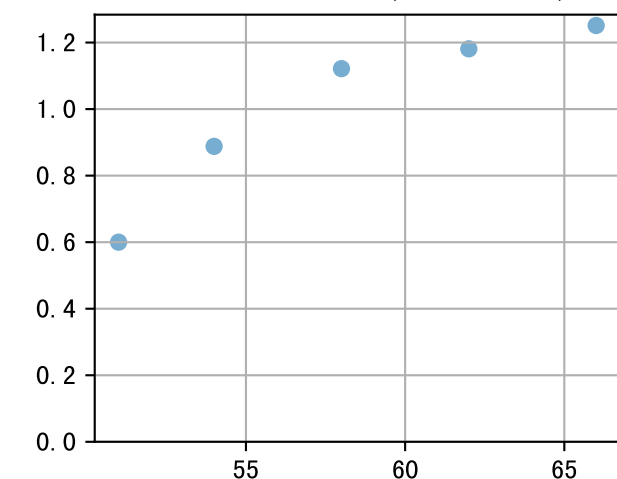
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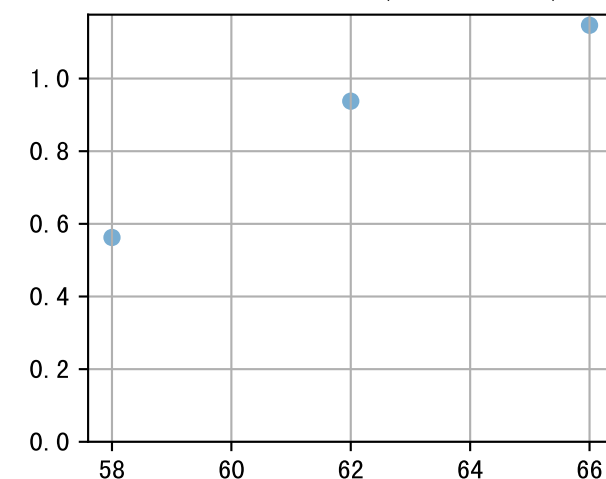
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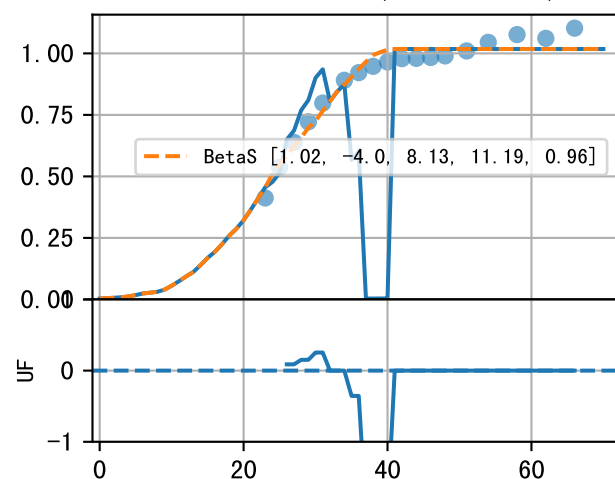
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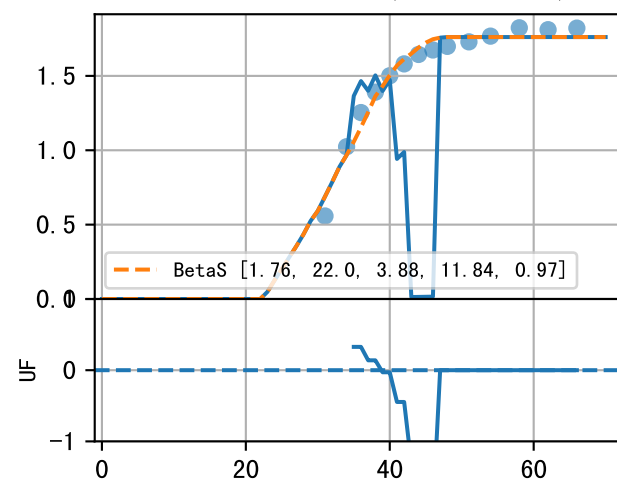
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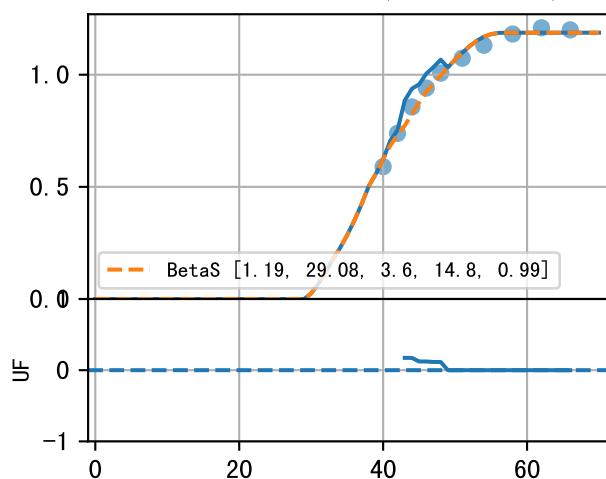
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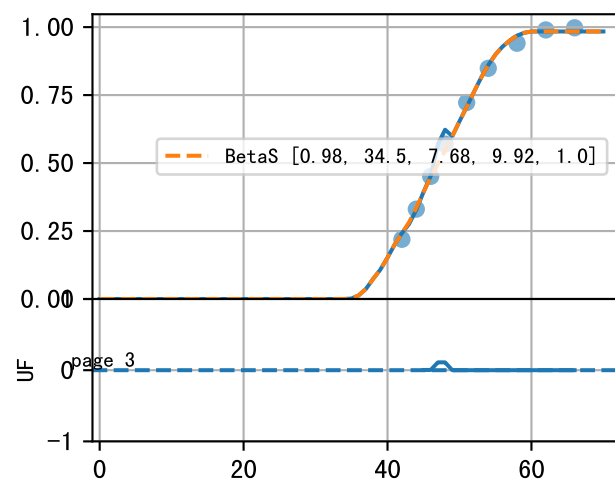
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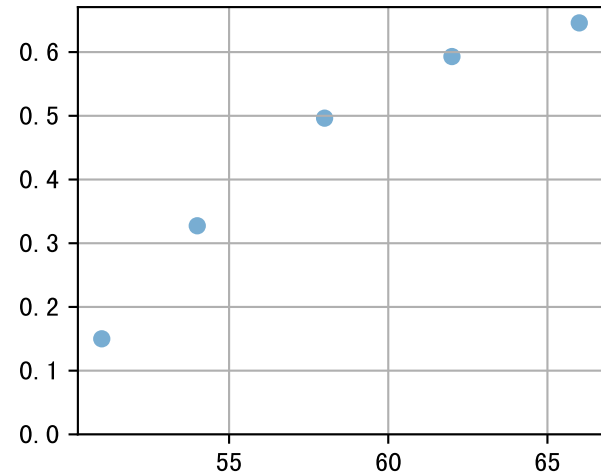
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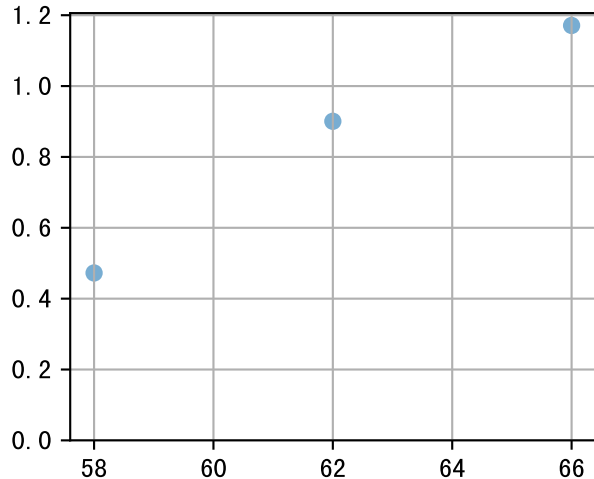
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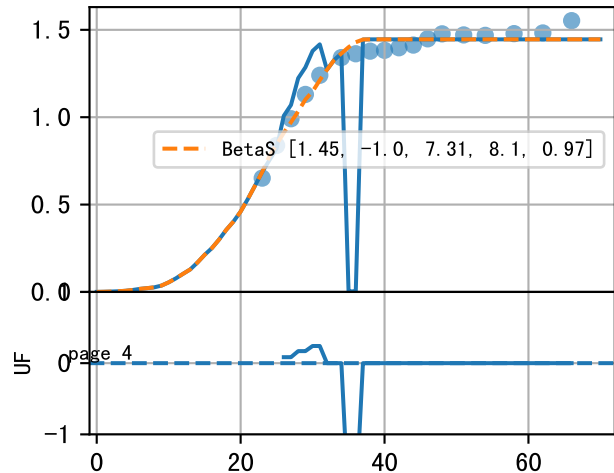
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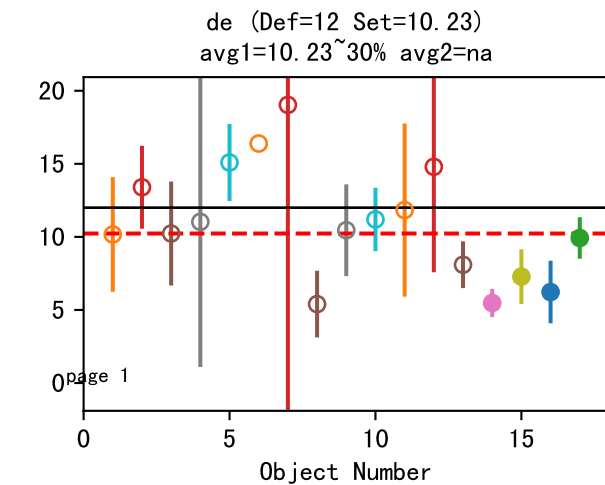
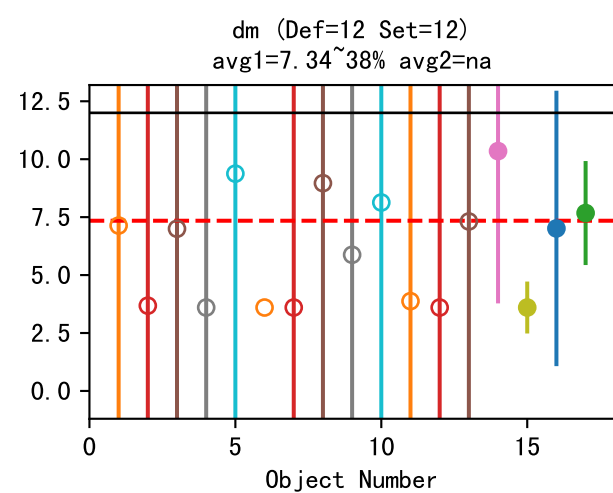
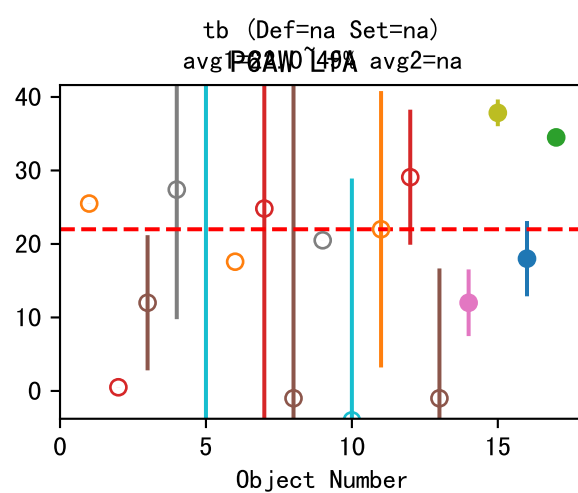
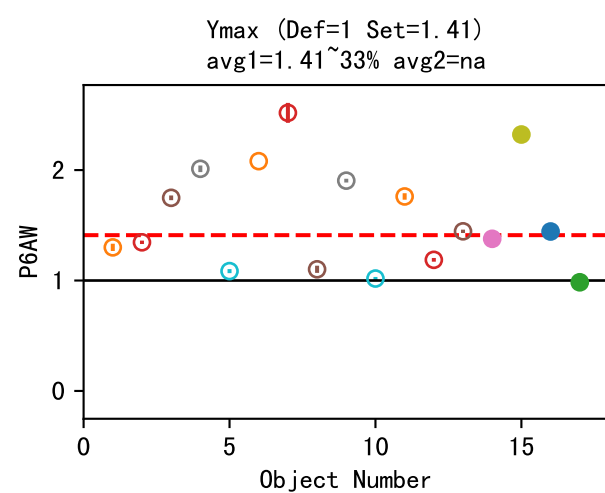


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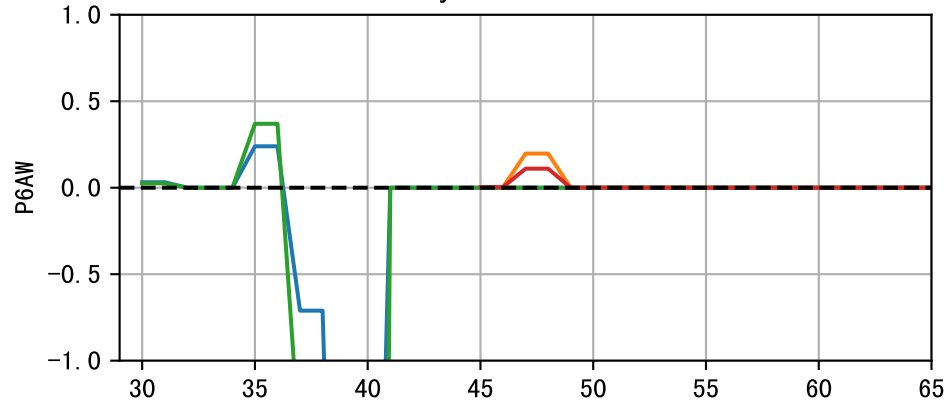


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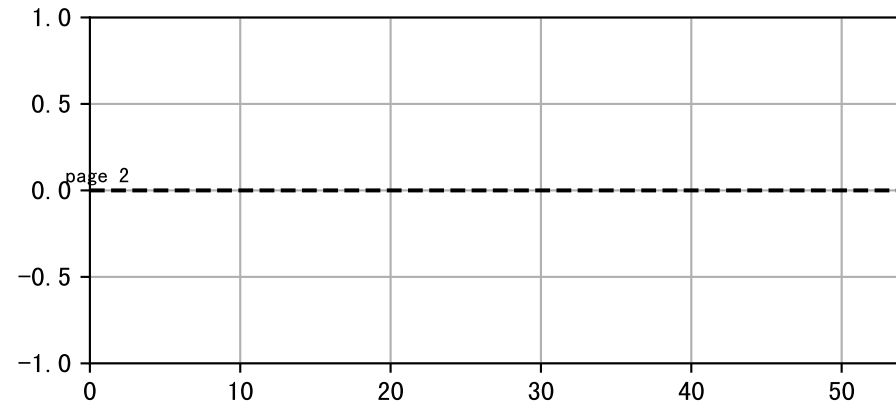
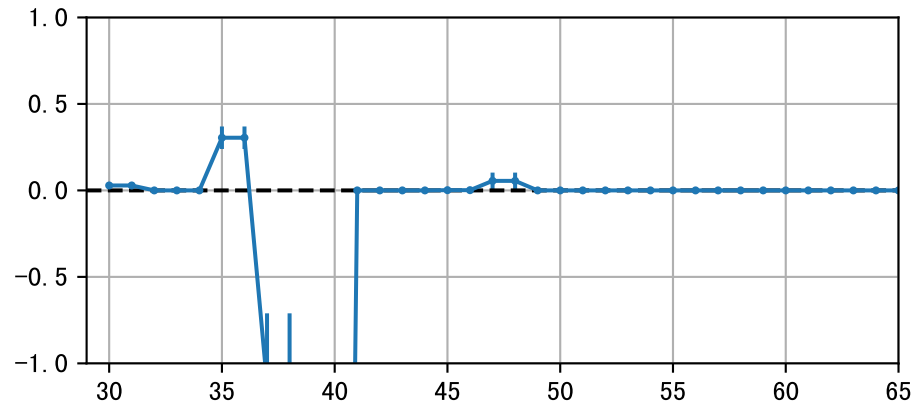
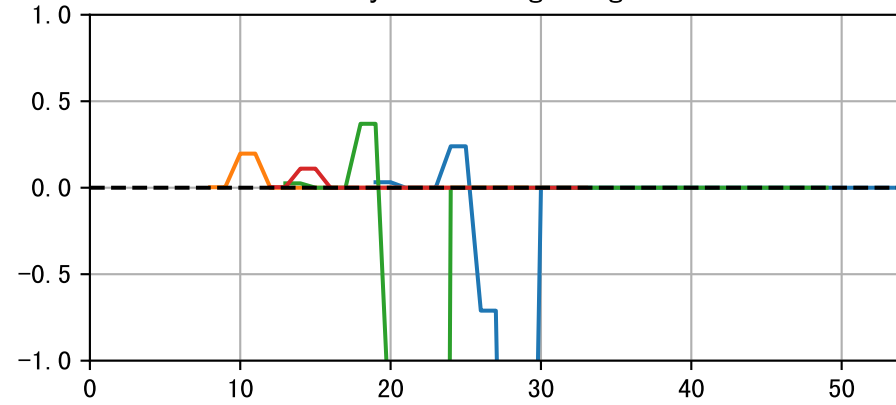


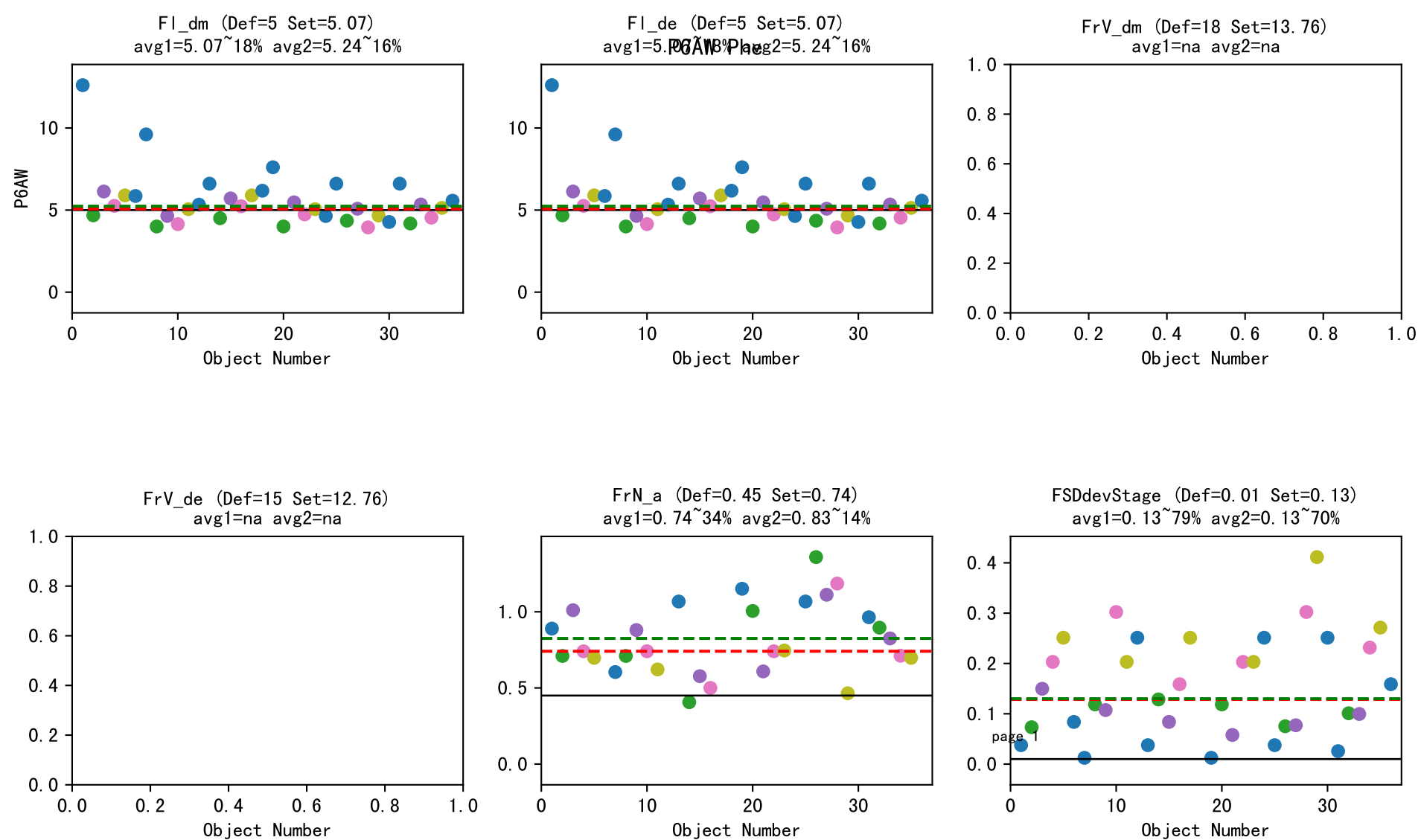


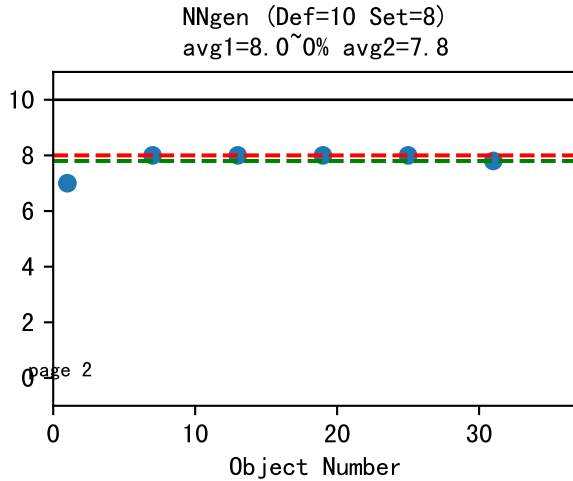
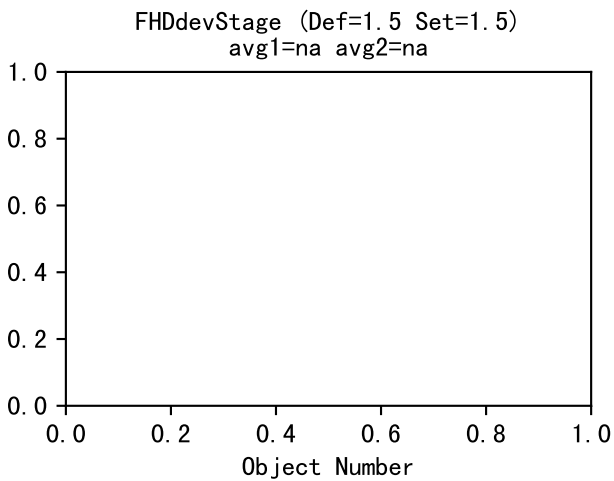
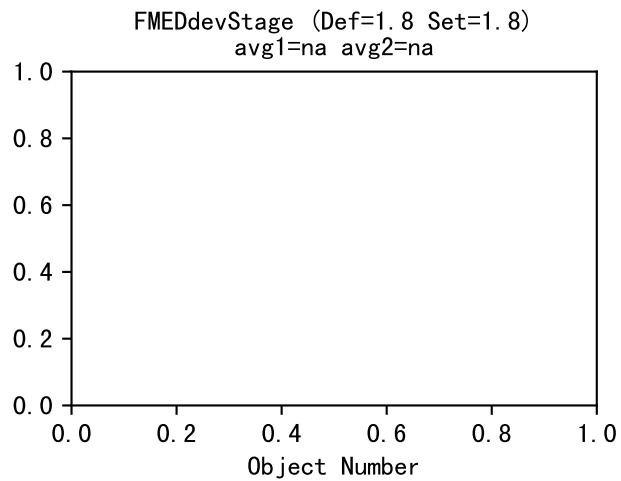
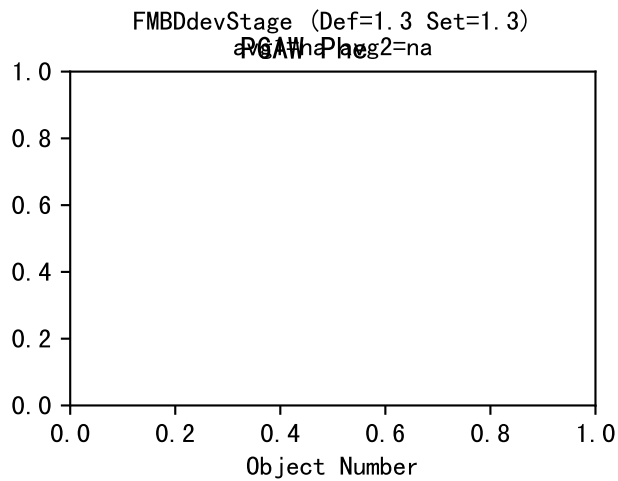
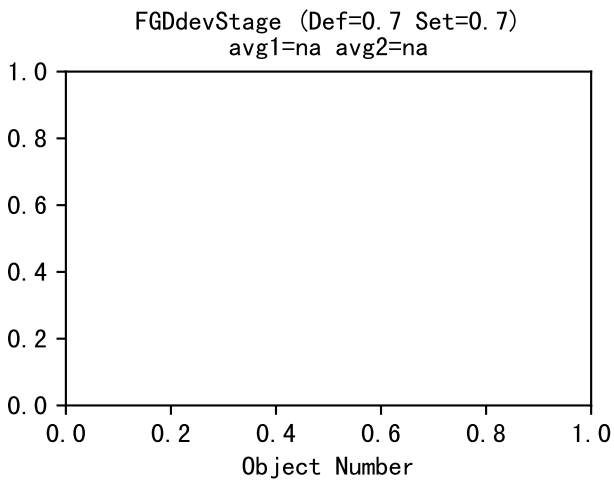
By Start Date



By Plant/Organ Age

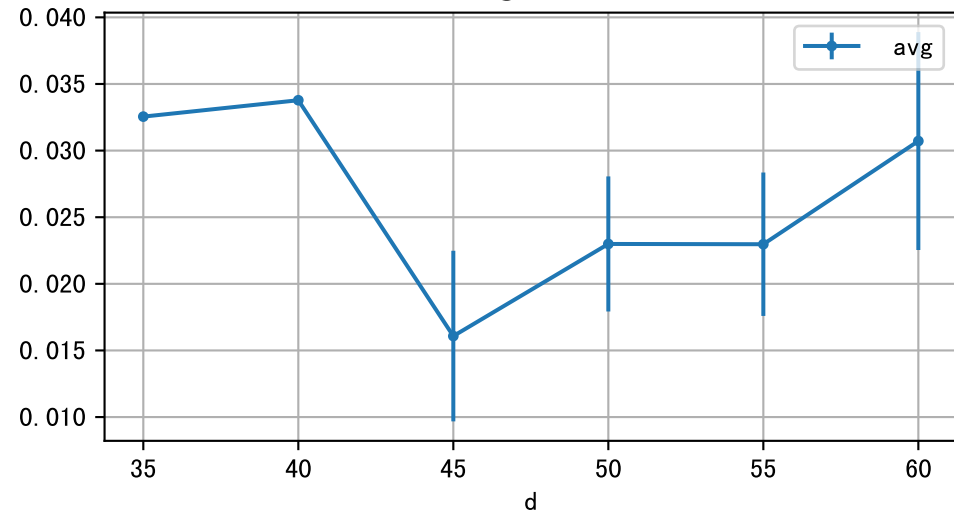




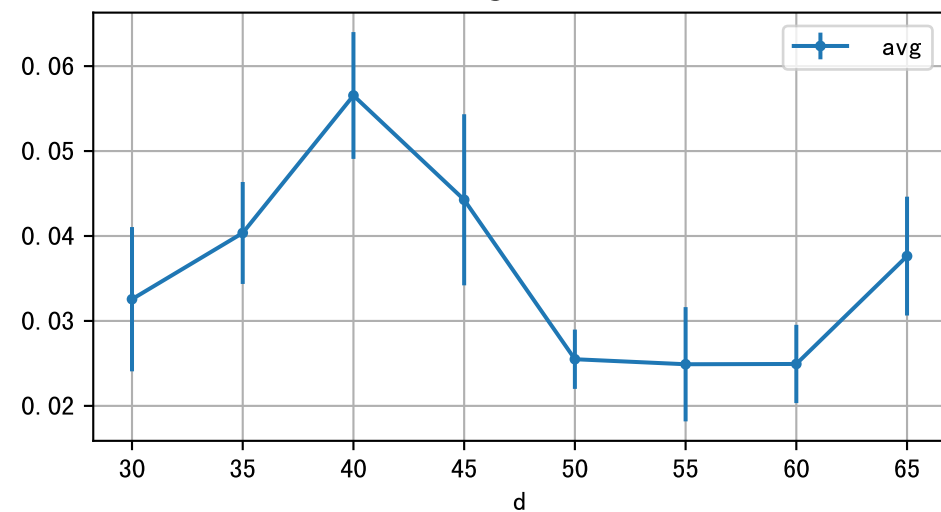


LfA: avg vs. d at each age group

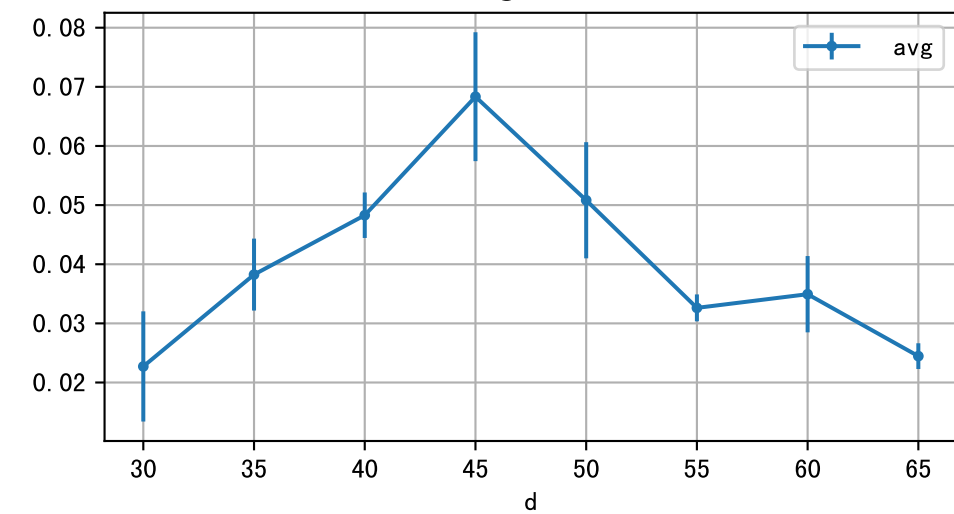
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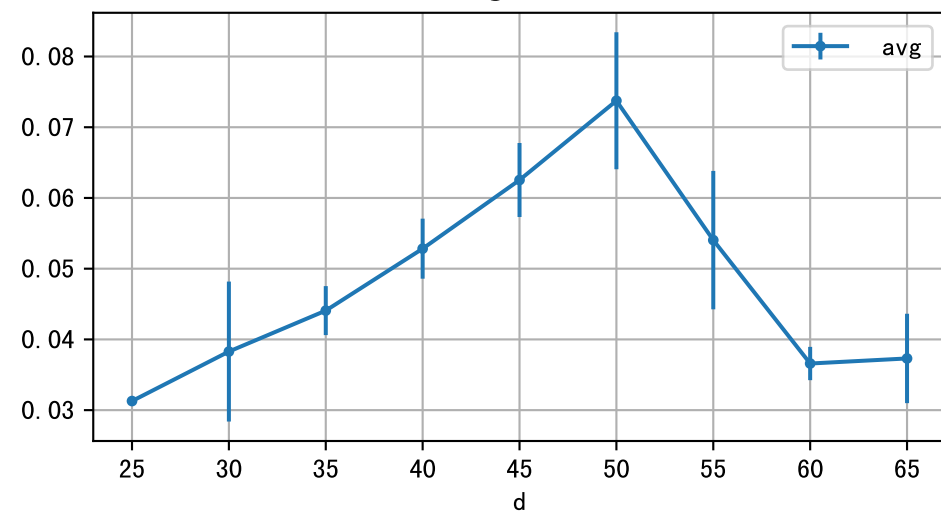
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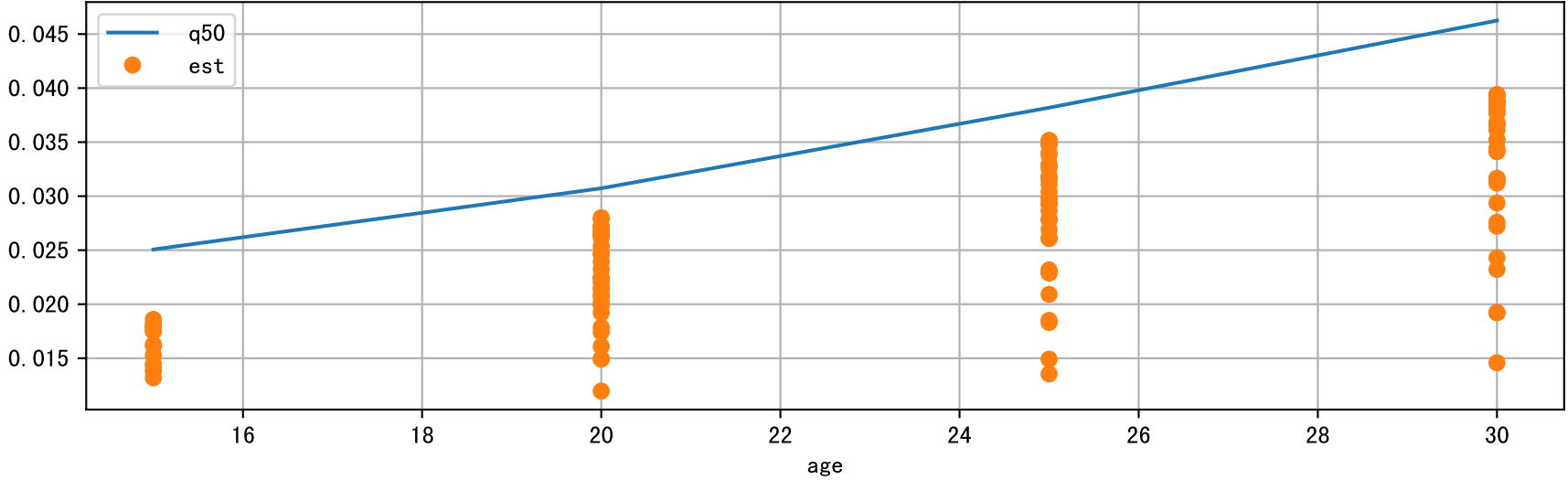
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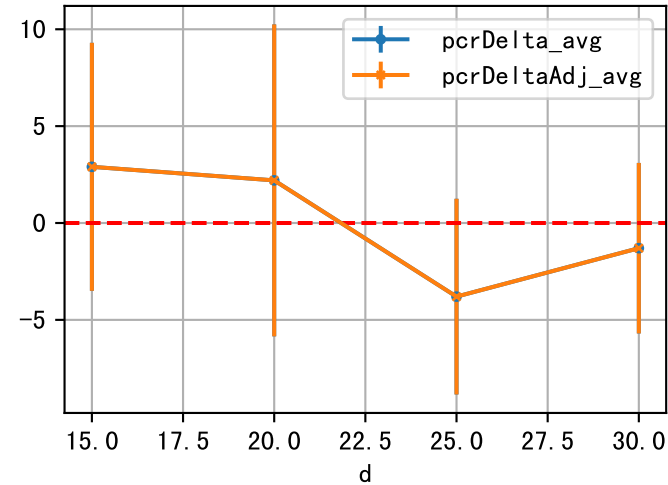
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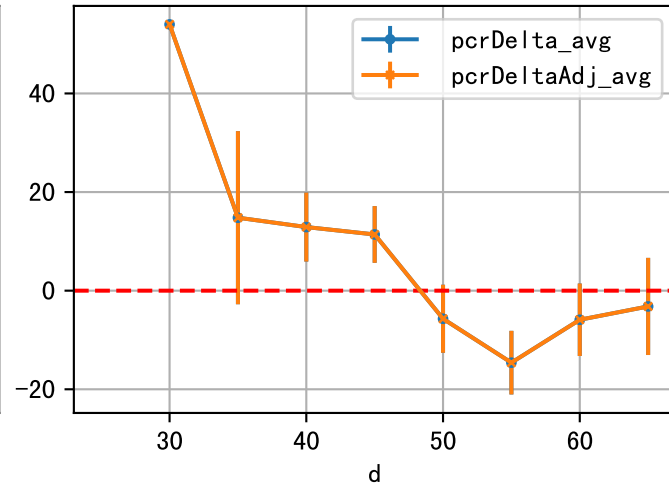
LfA: model est vs obs0v@Q50



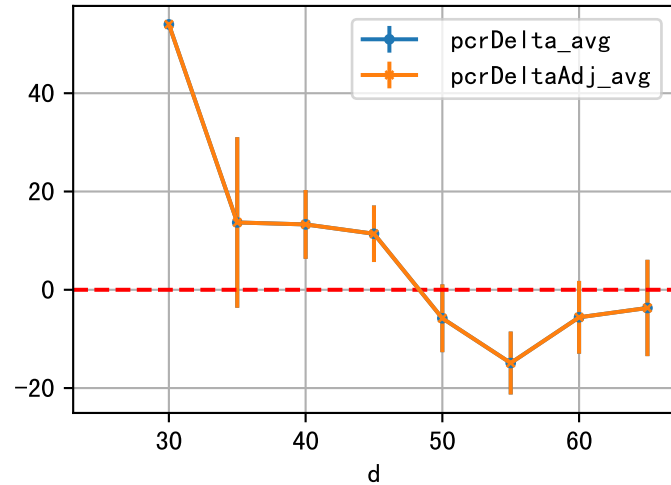
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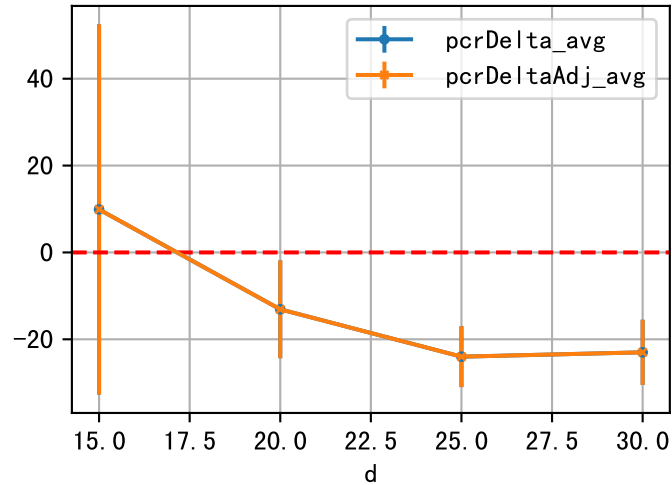
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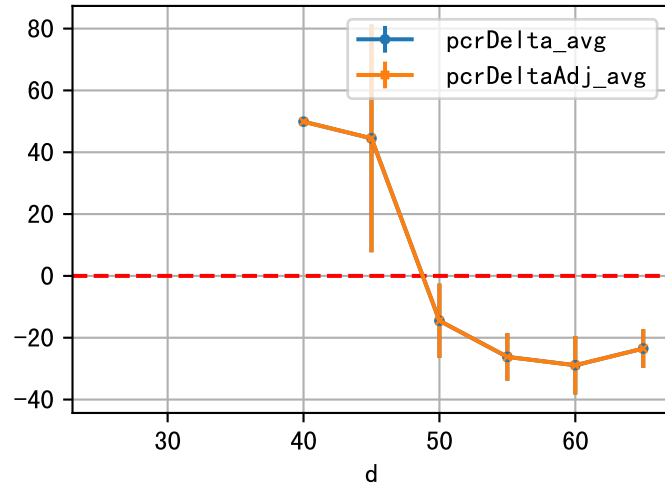
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

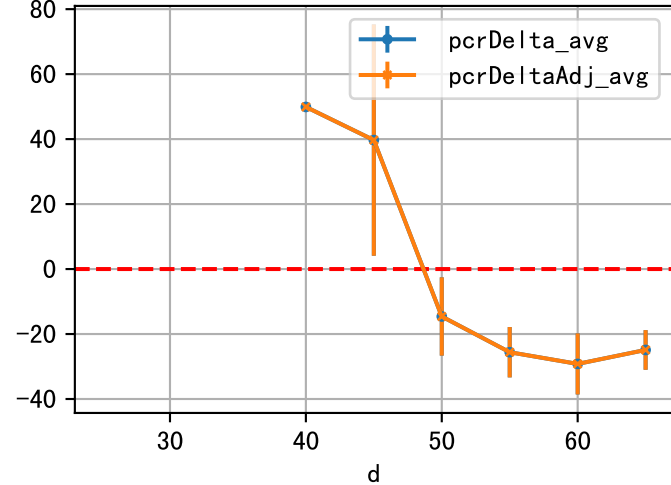


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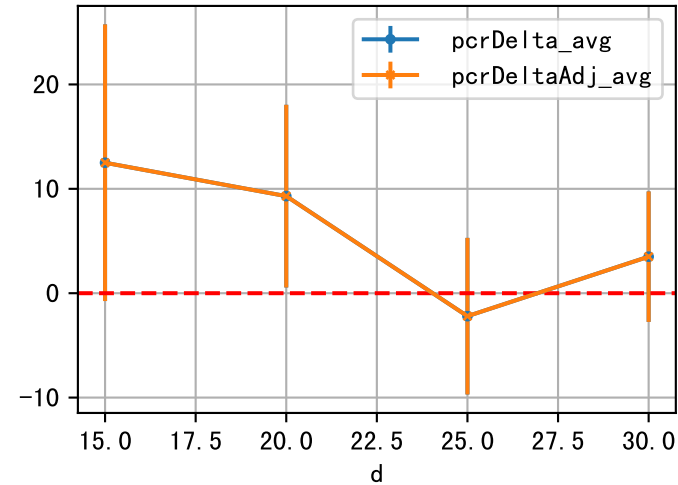


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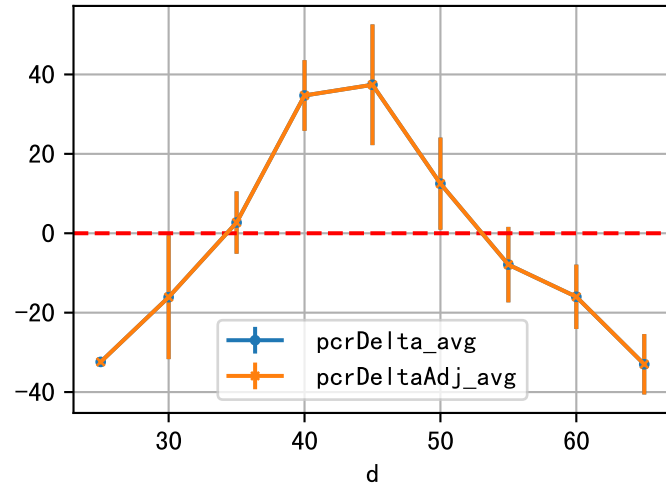
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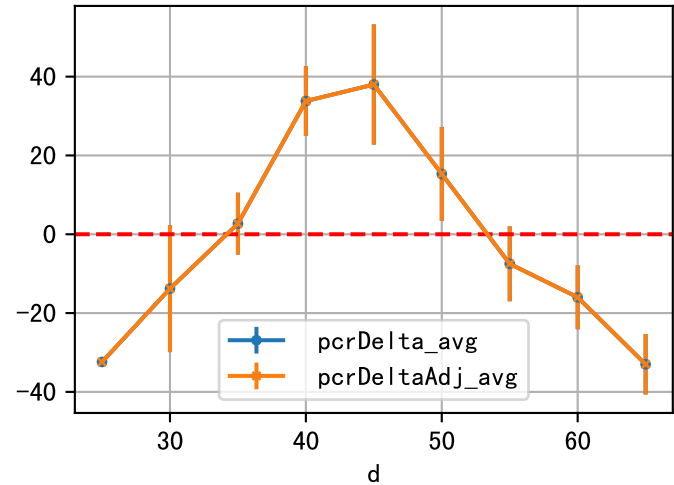
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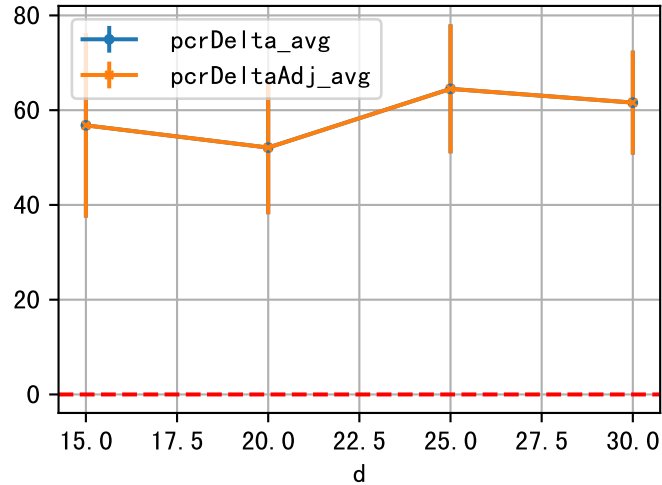
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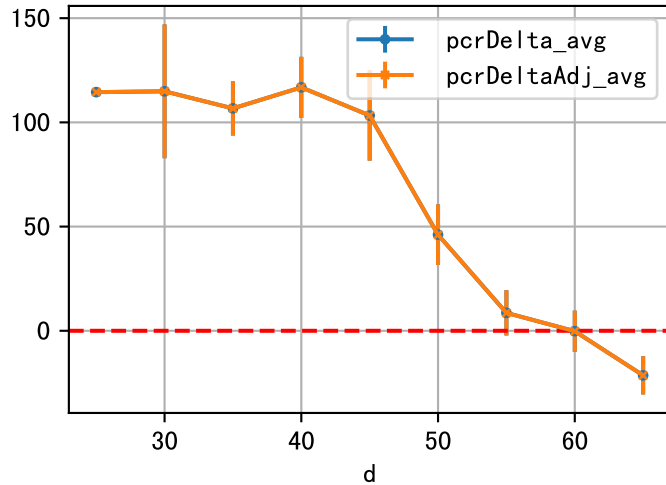
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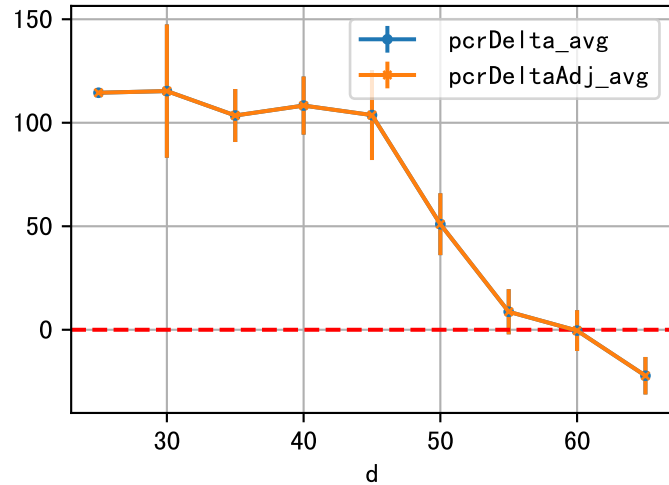
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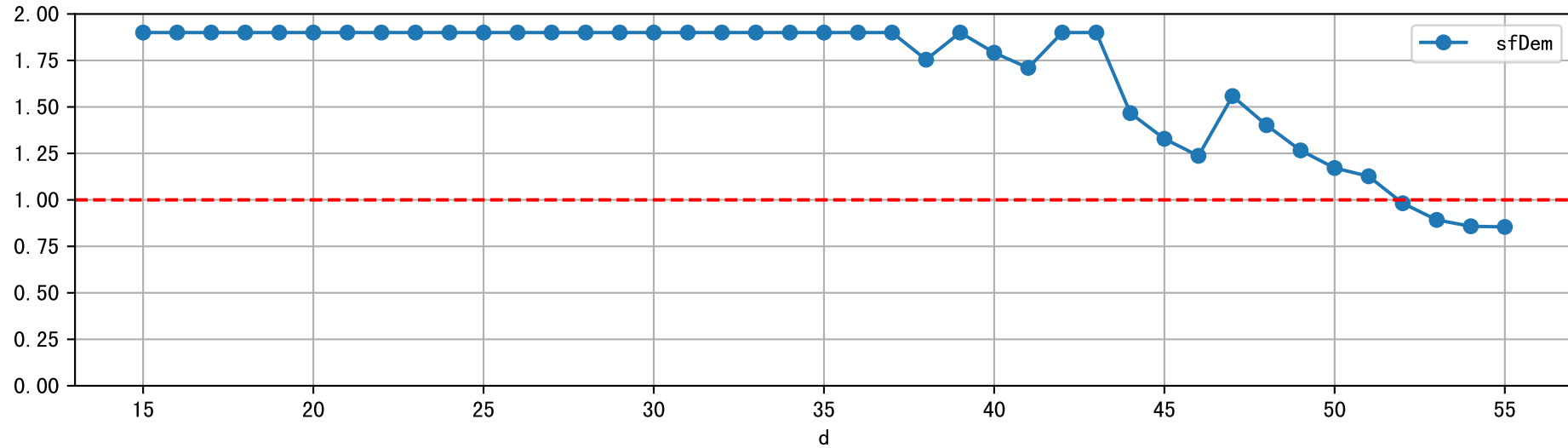
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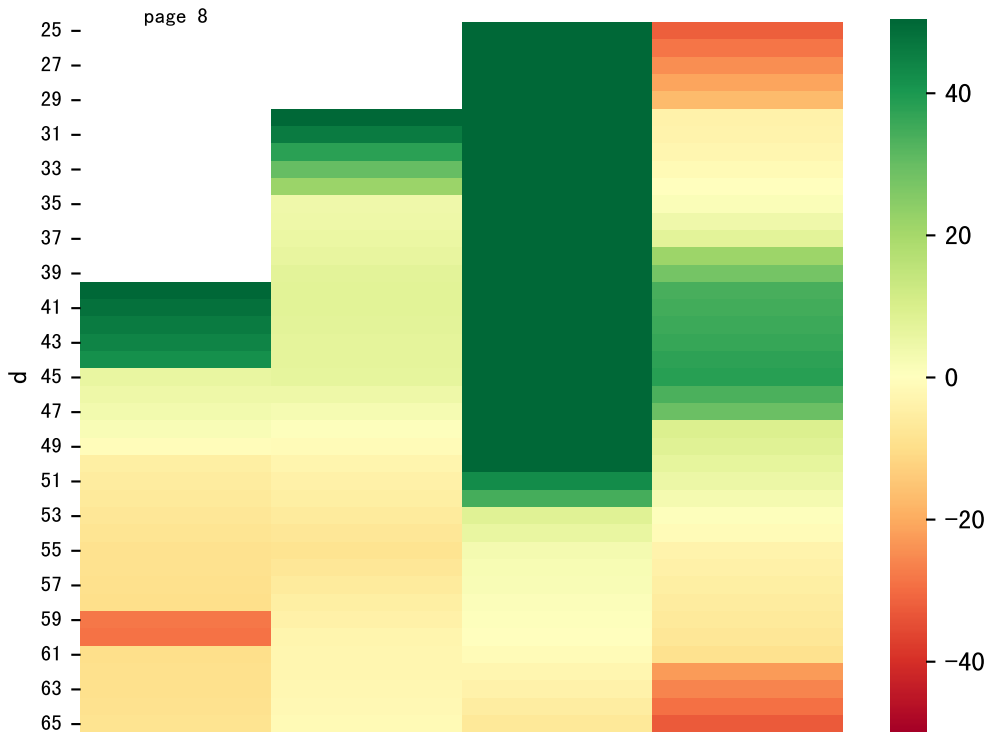


DeltaTypeAbbr=Wei AvgByD



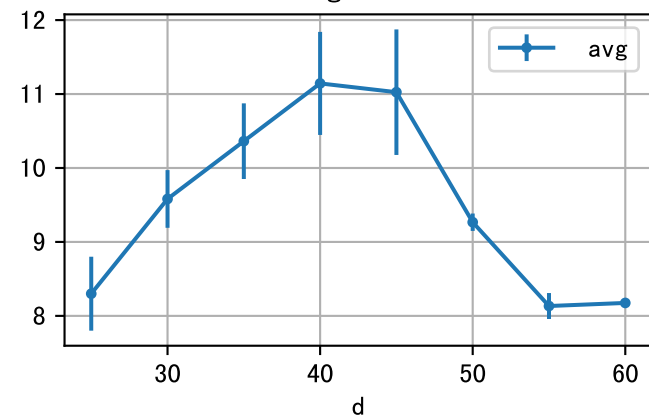
LfA: sfDem



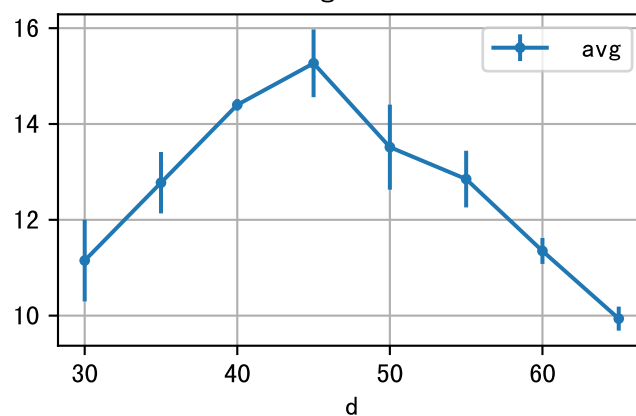


NdD: avg vs. d at each age group

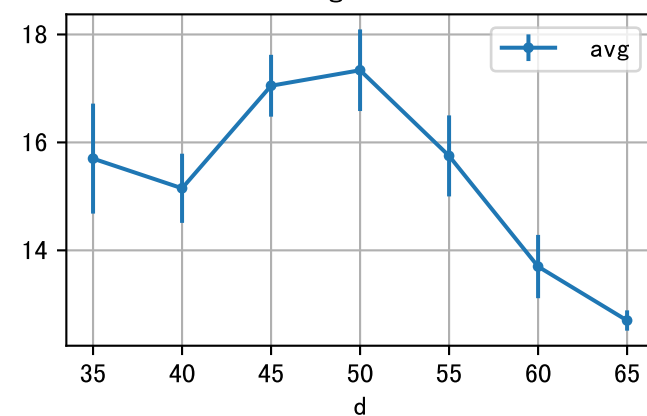
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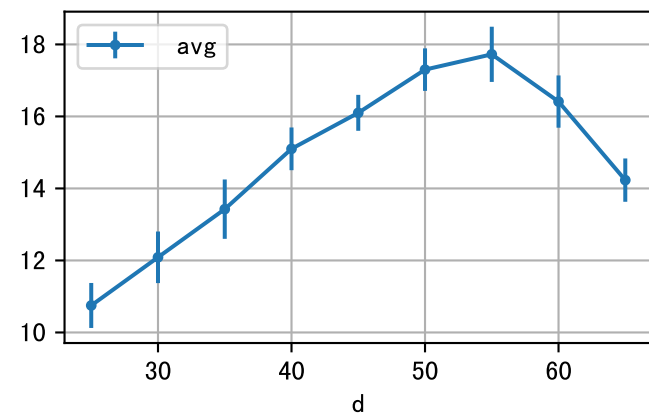
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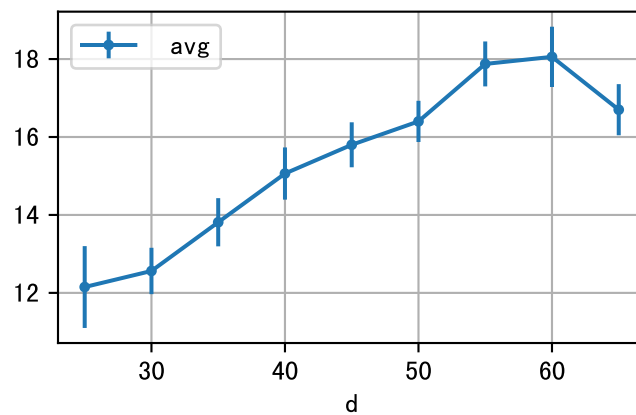
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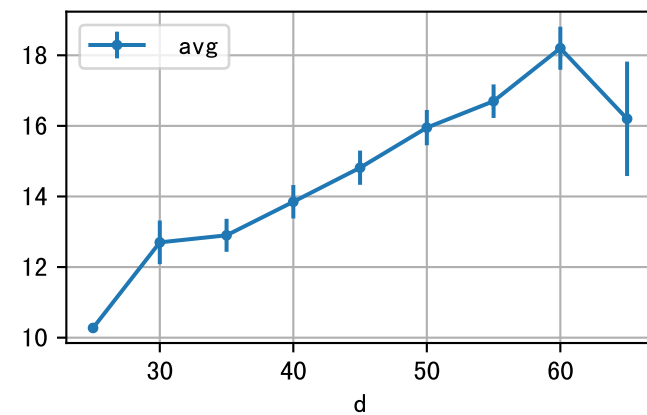
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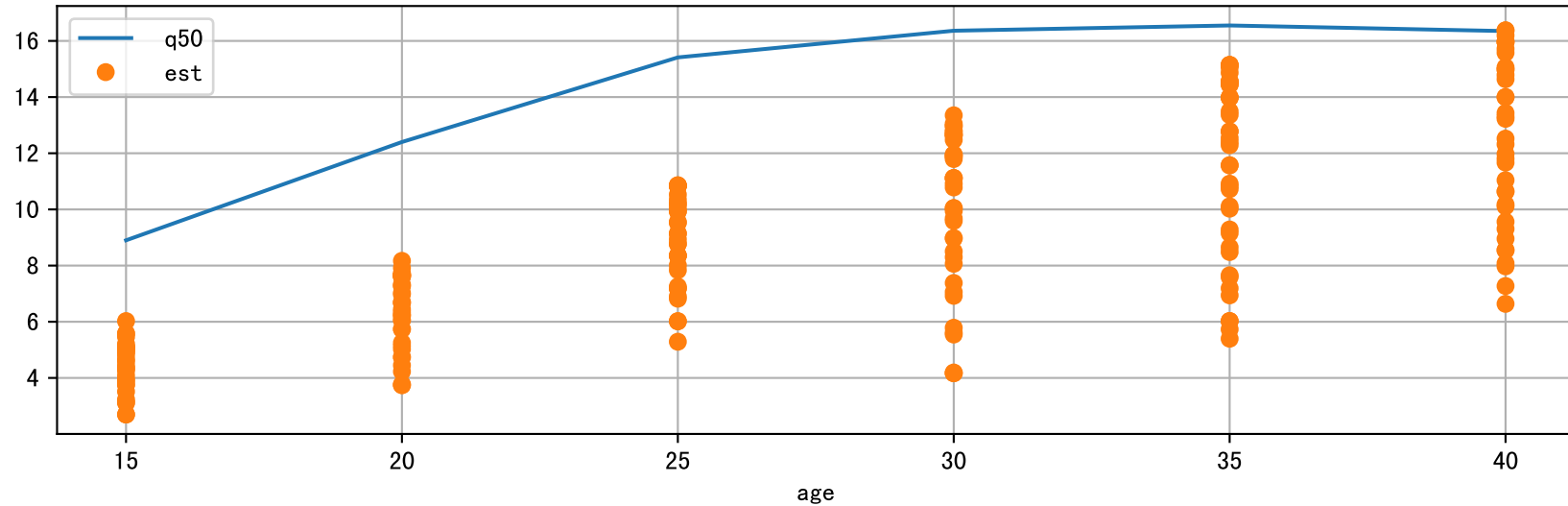
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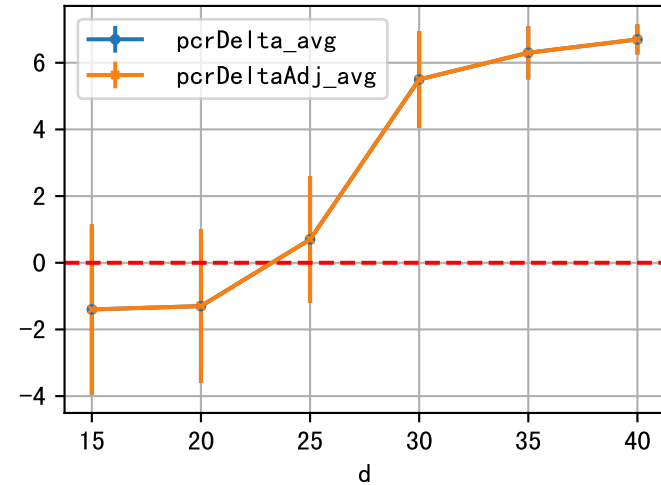
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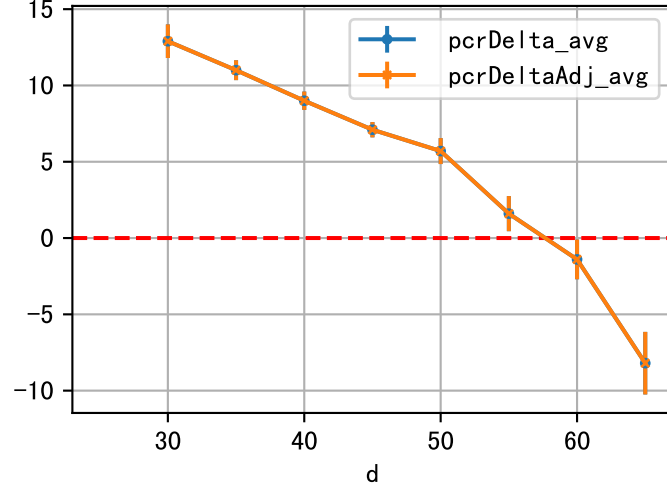
NdD: model est vs obs0v@Q50



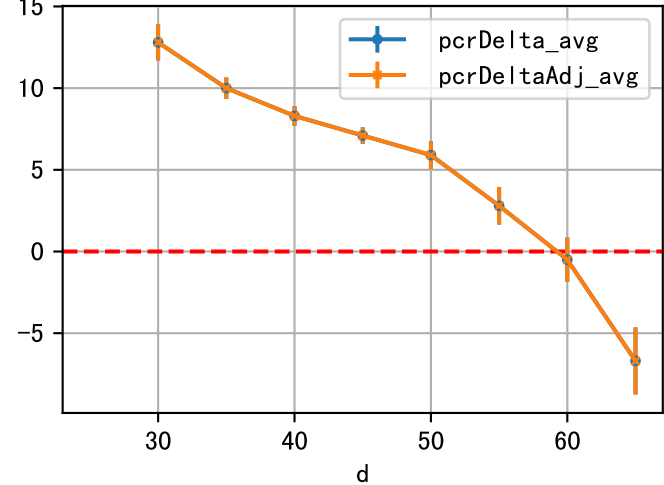
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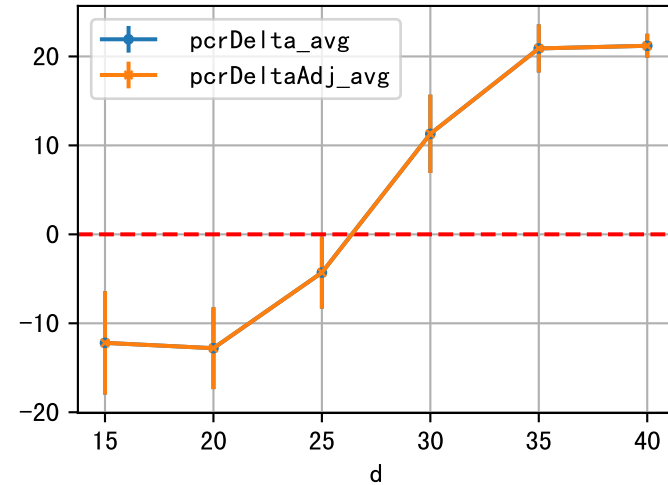
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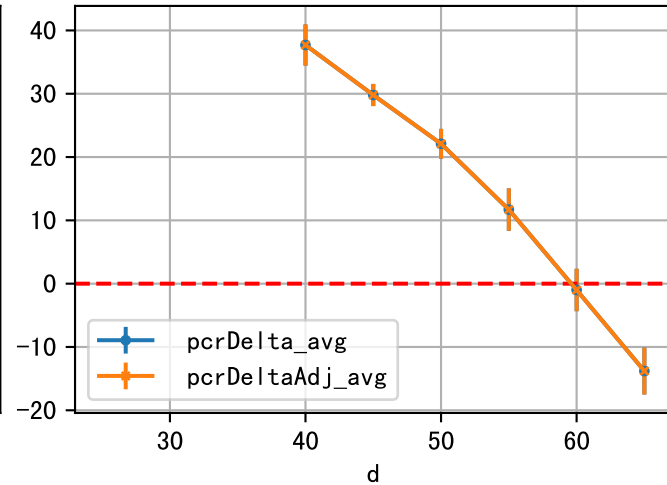
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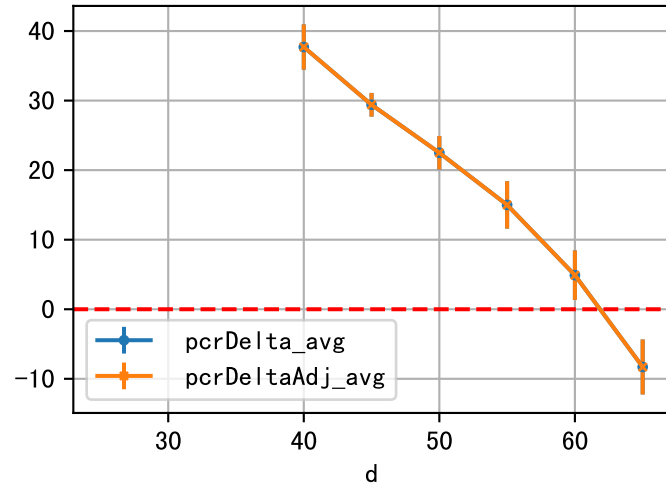
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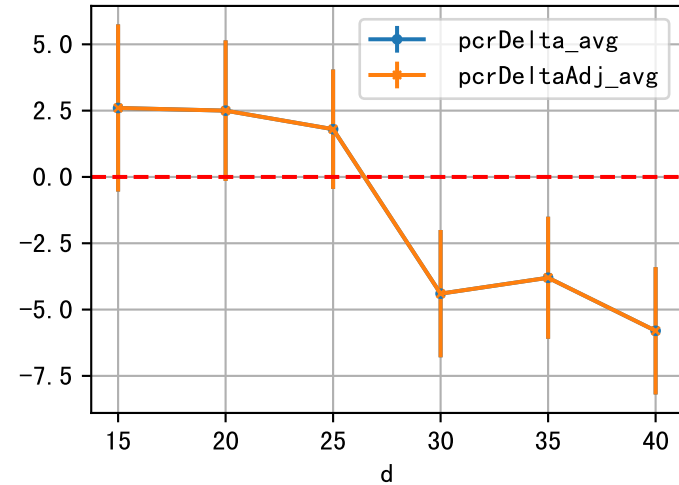
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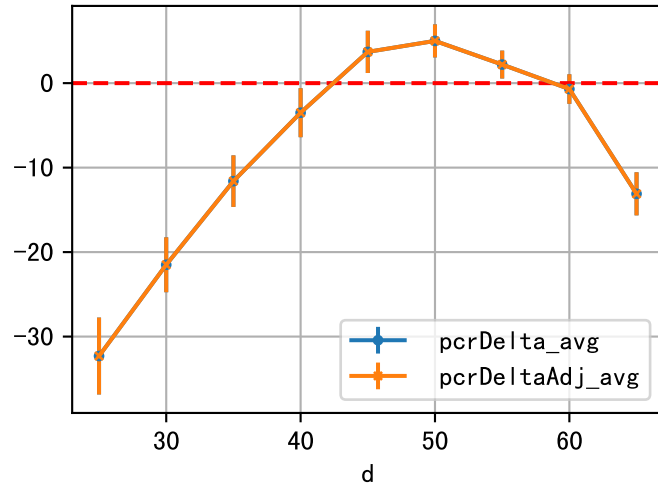
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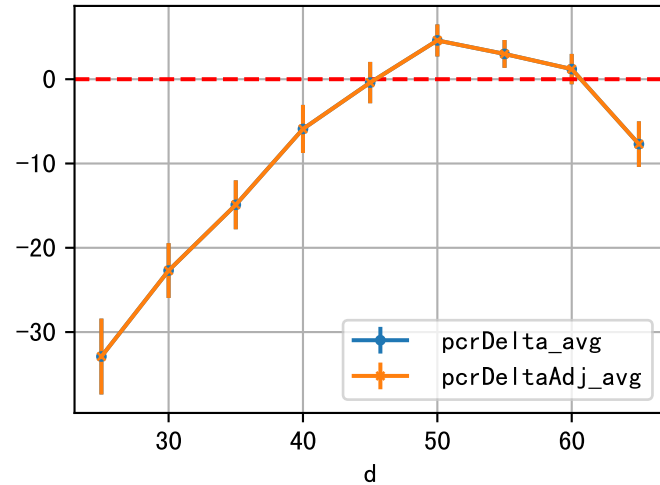
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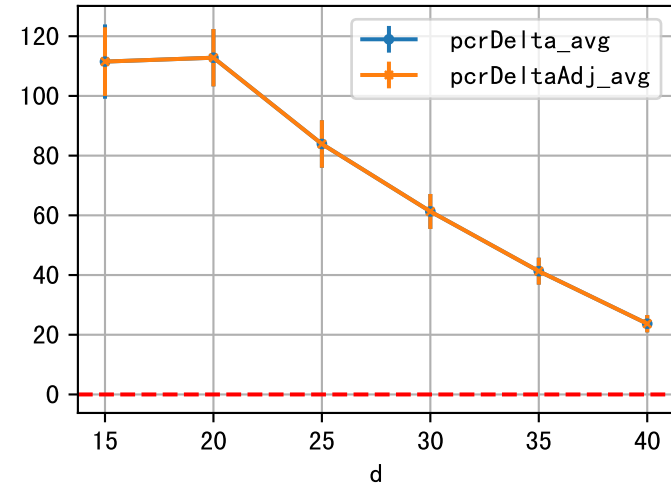
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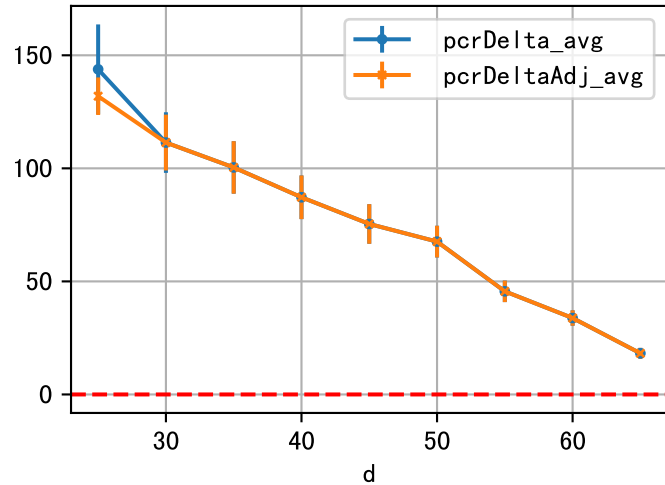
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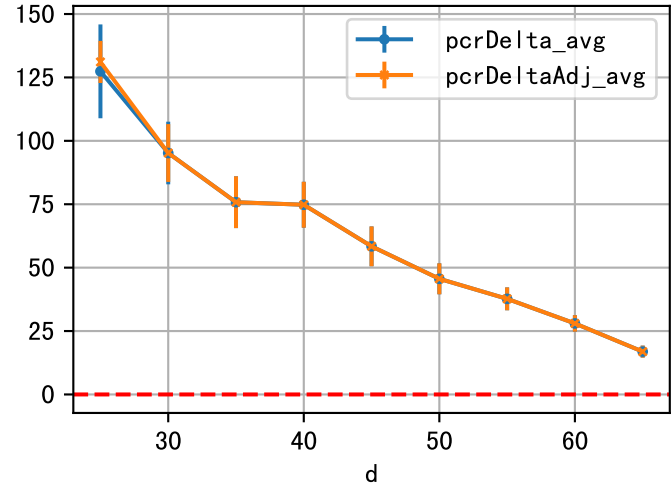
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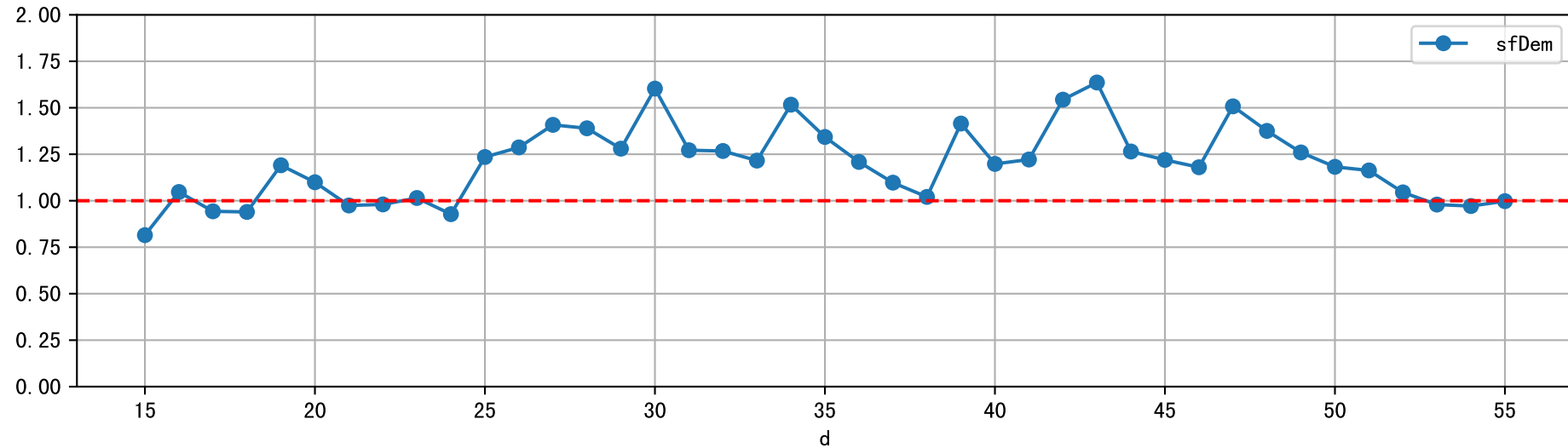
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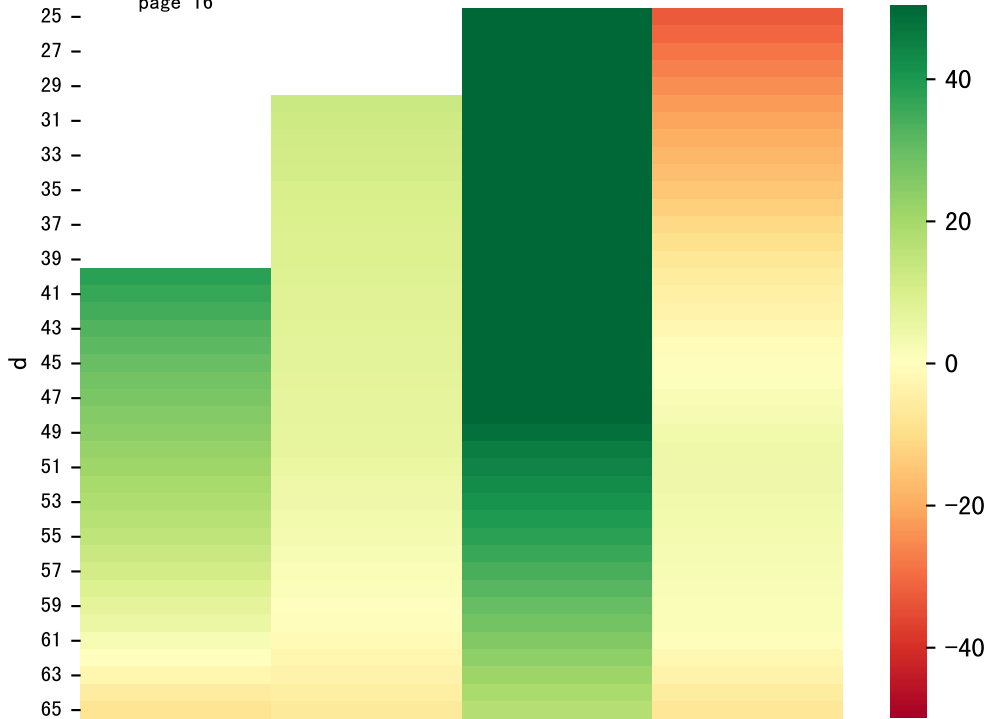


DeltaTypeAbbr=Wei AvgByD

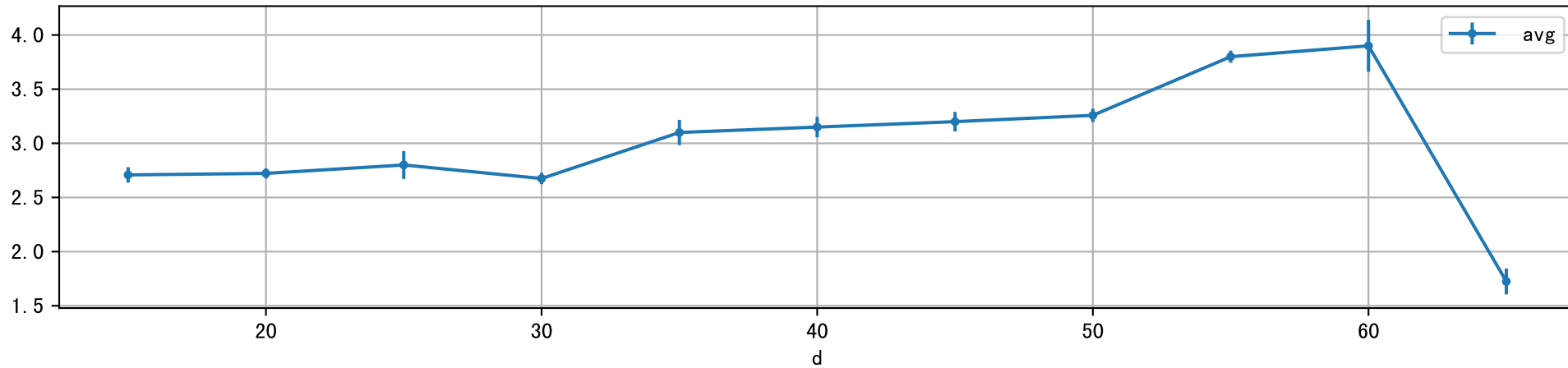


NdD: sfDem

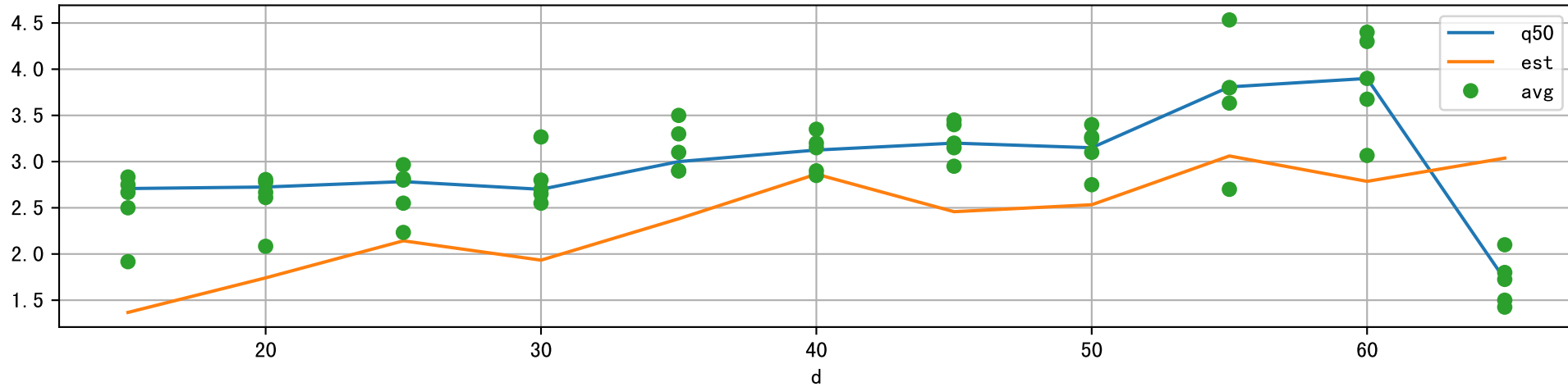


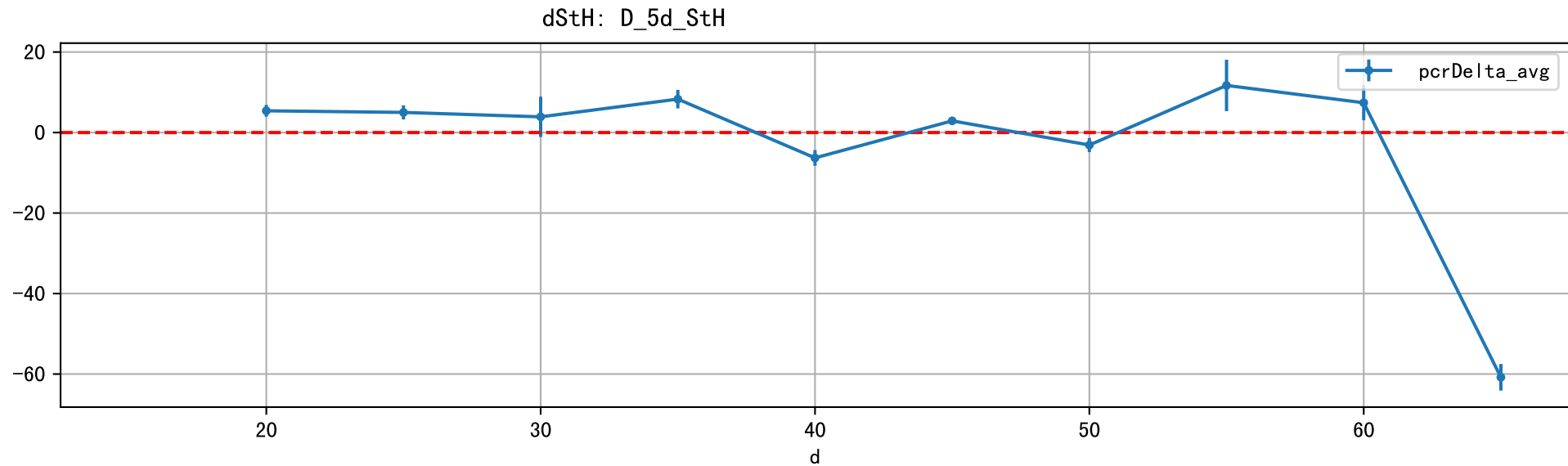


dStH: avg vs. d

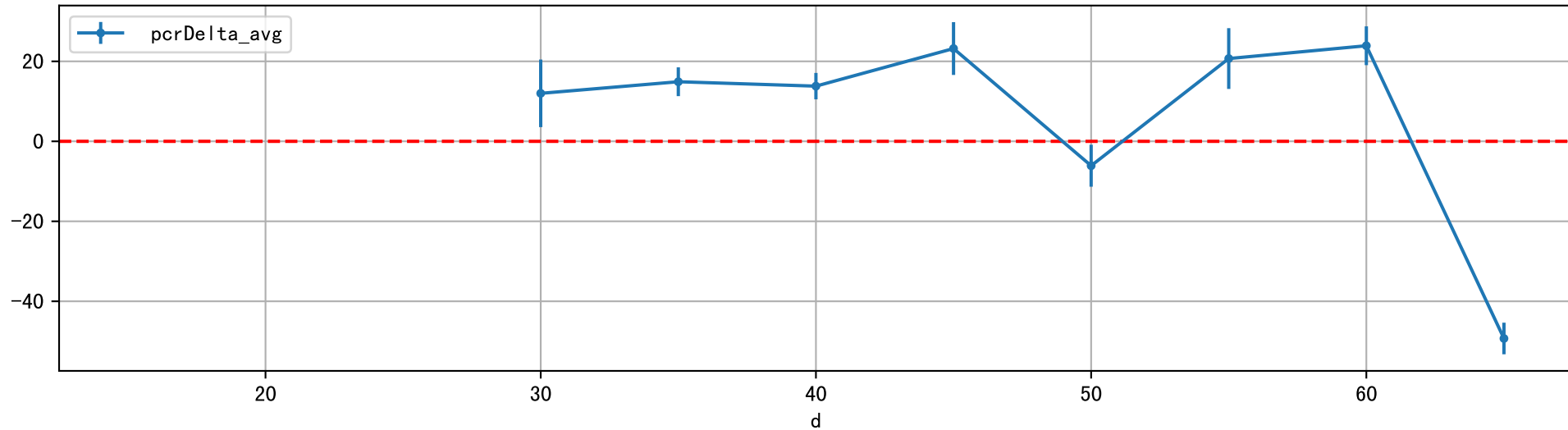


dStH: obsAvg vs obs0v@Q50

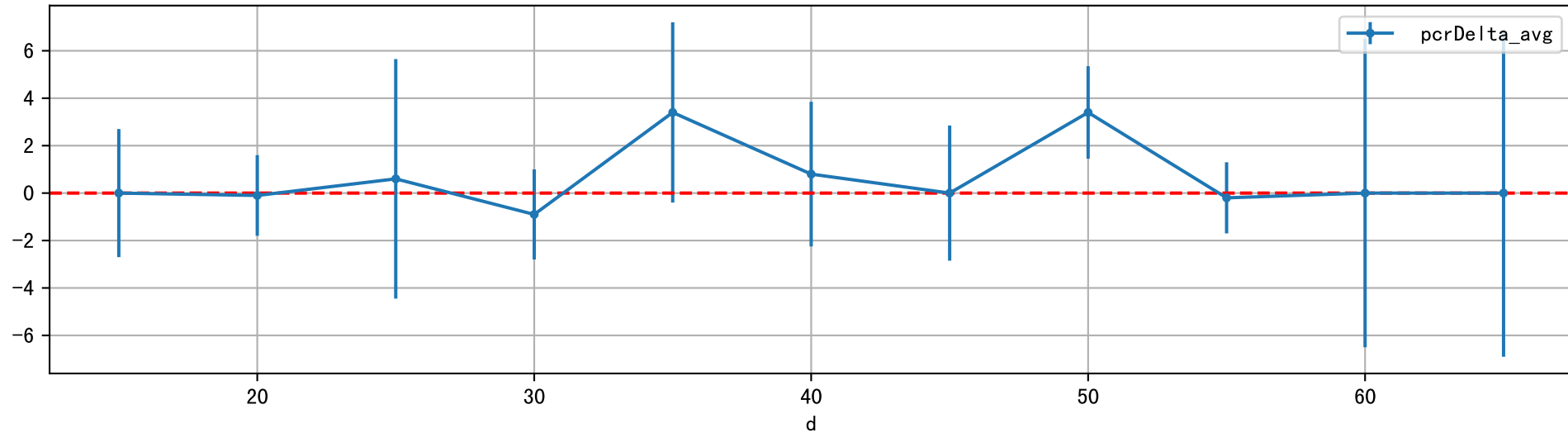




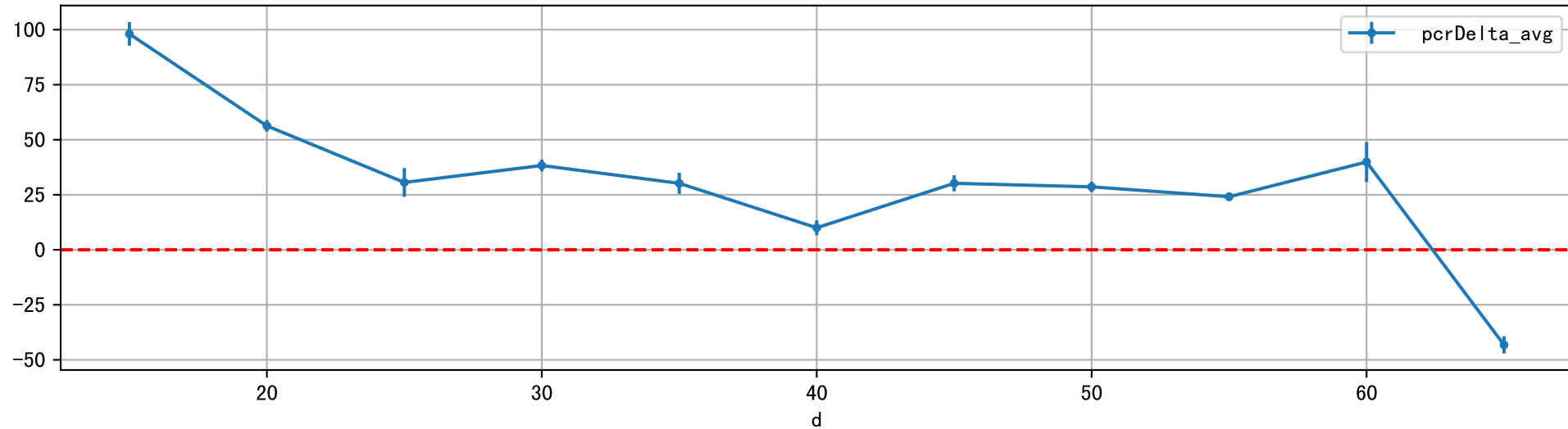
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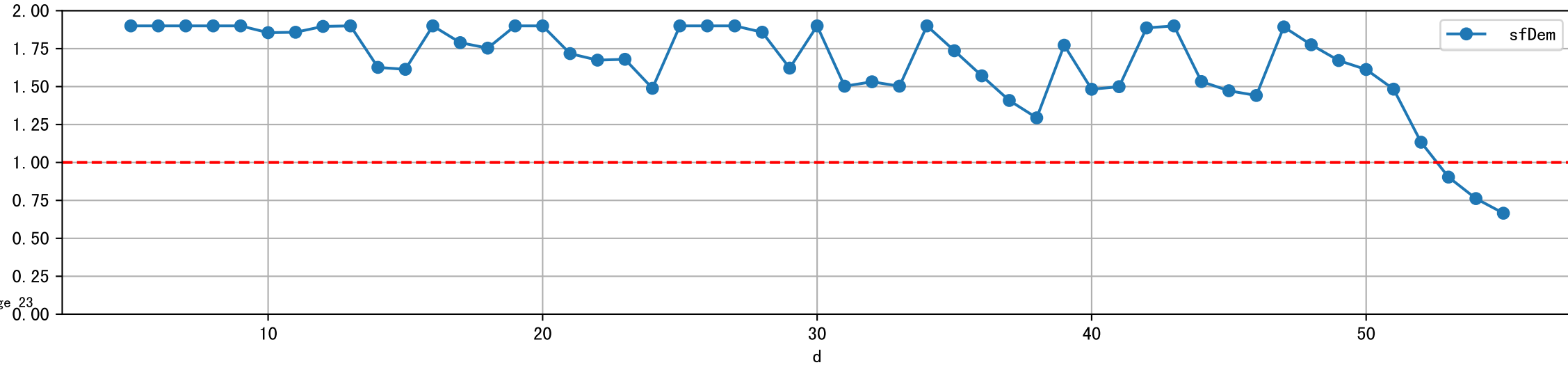
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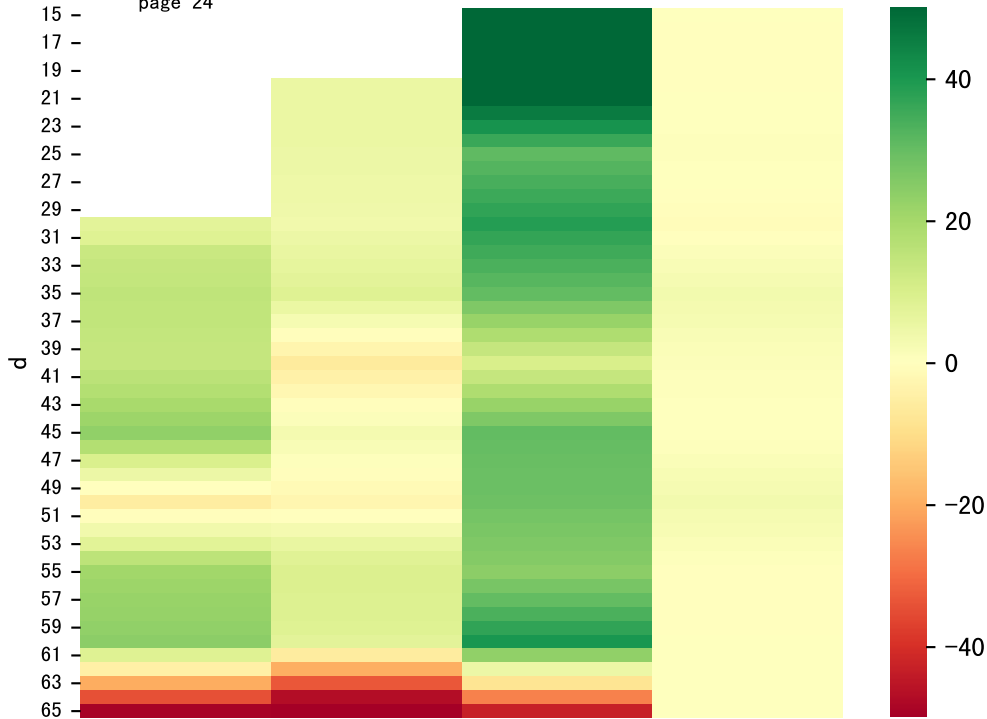


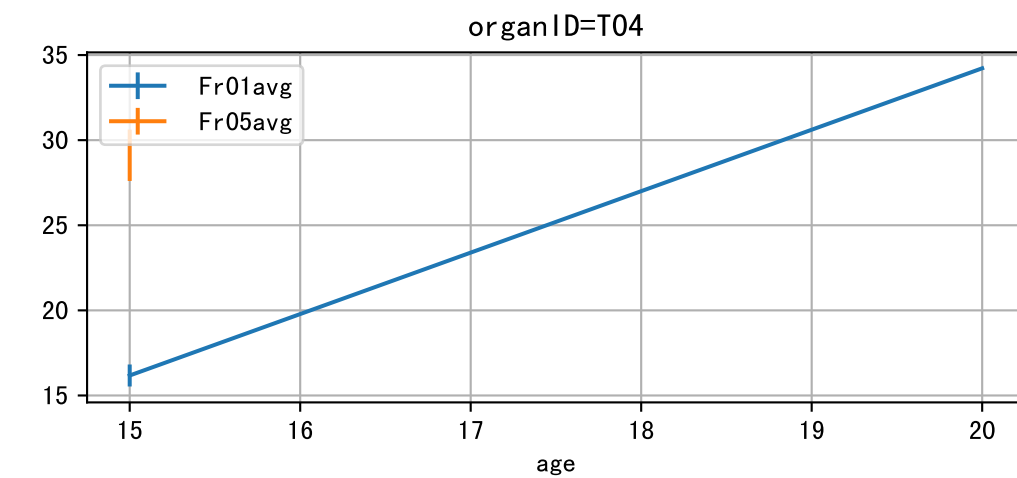
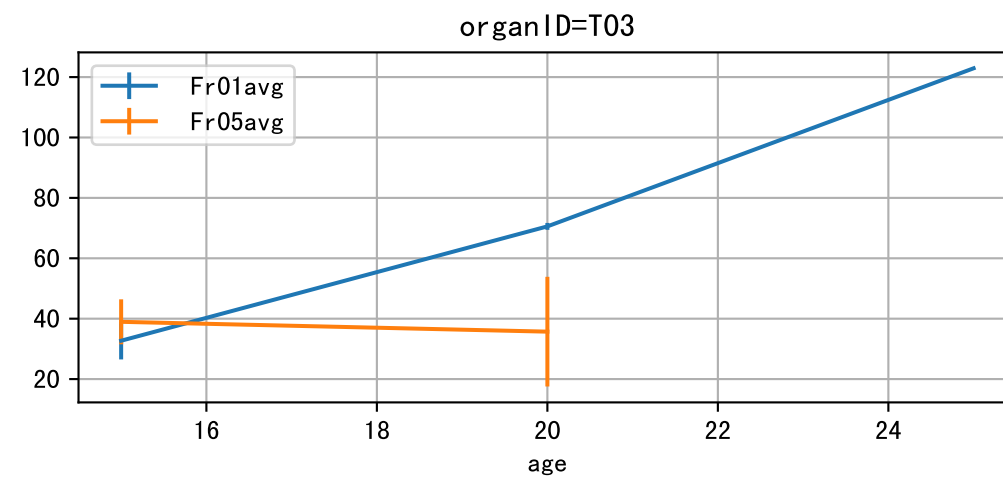
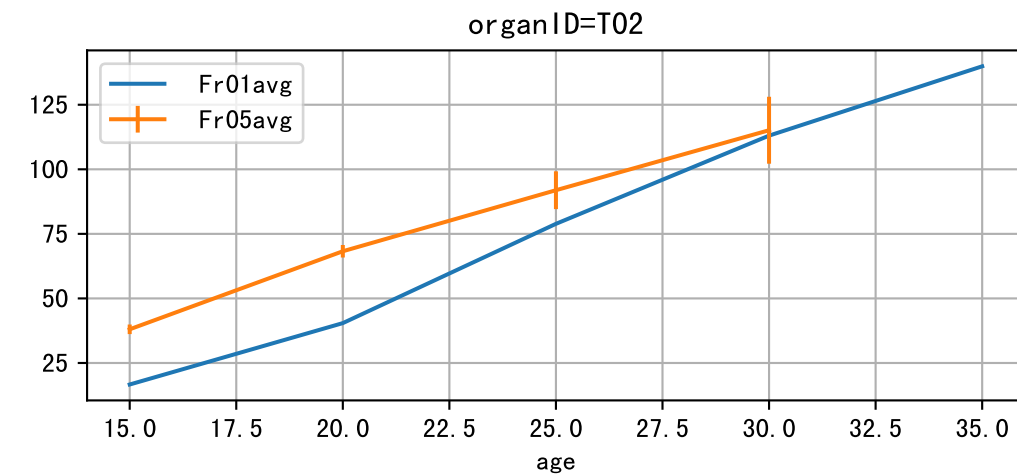
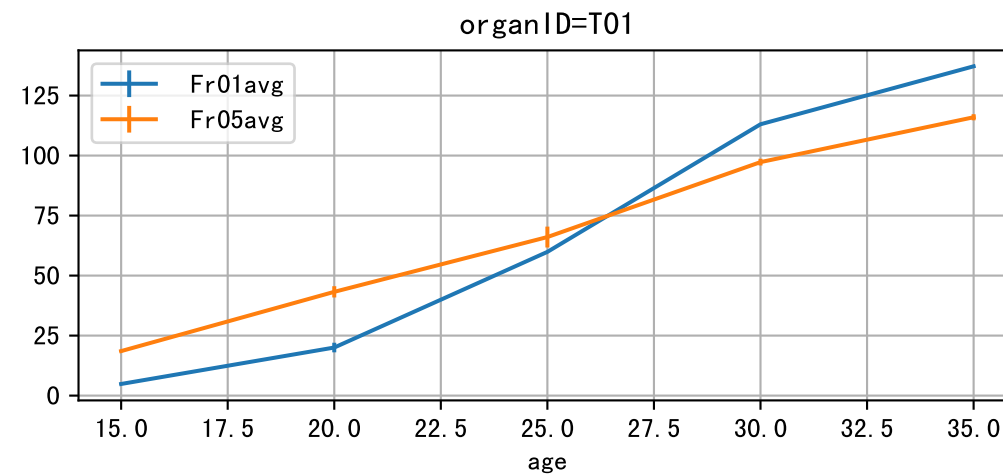
dStH: D_Est_StH



dStH: sfDem

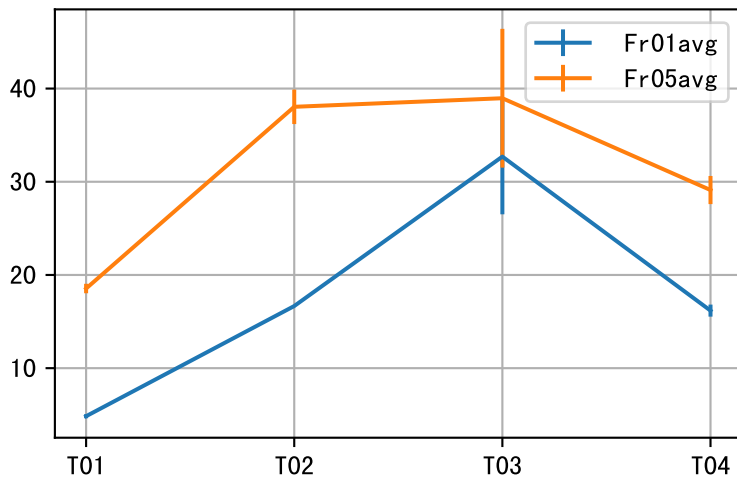




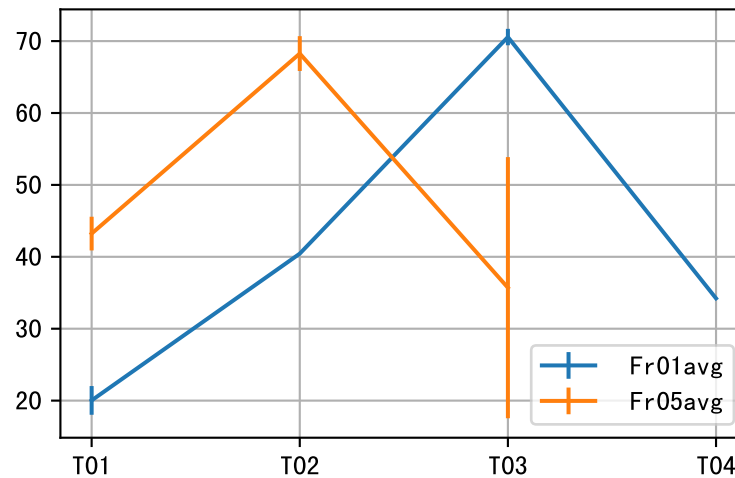


FrV trend at each age

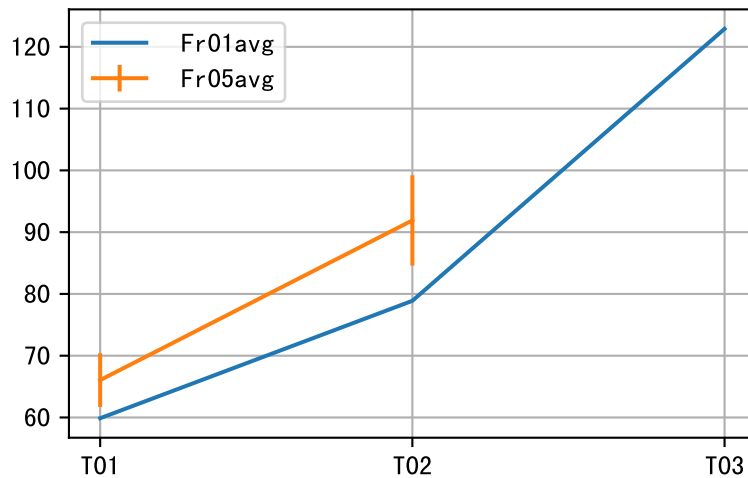
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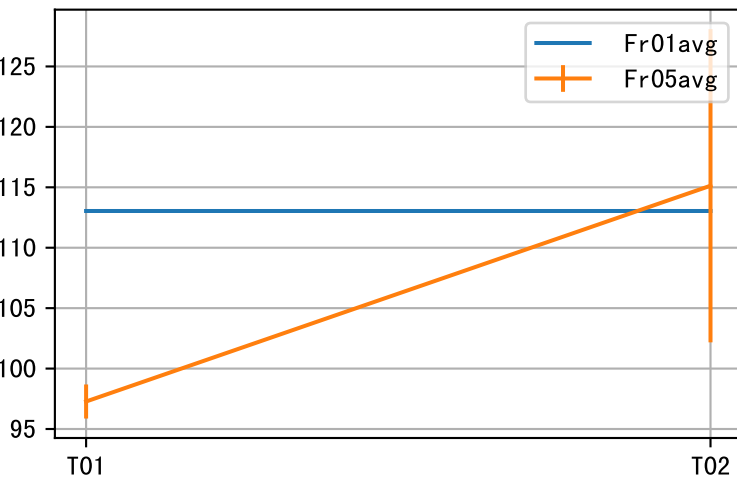
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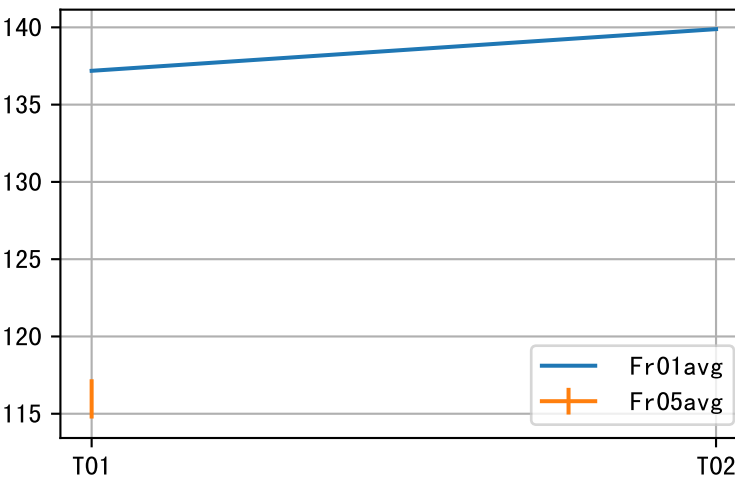
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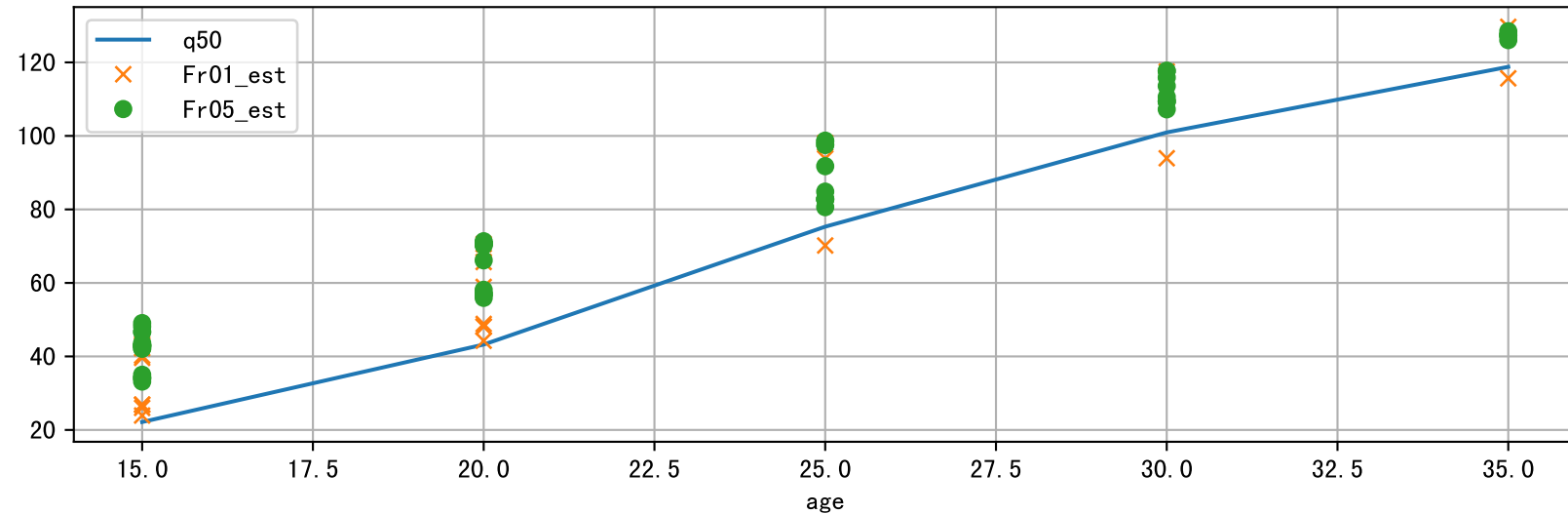
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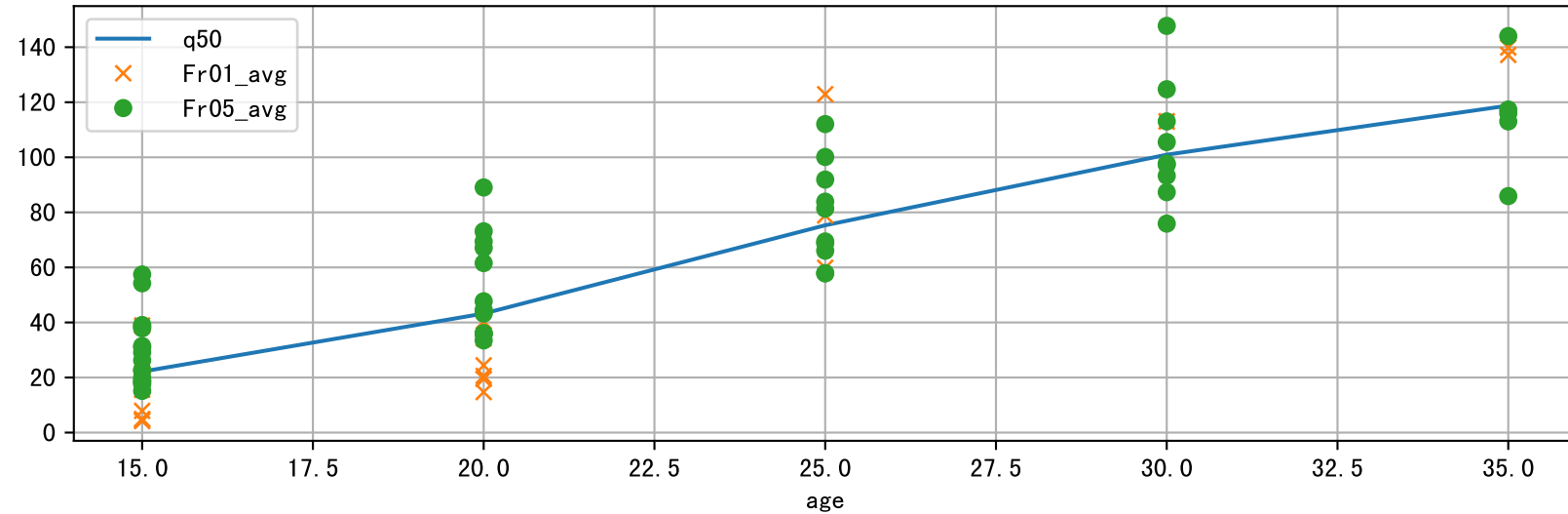
age=35



FrV: model Est vs obsFrV at Q90

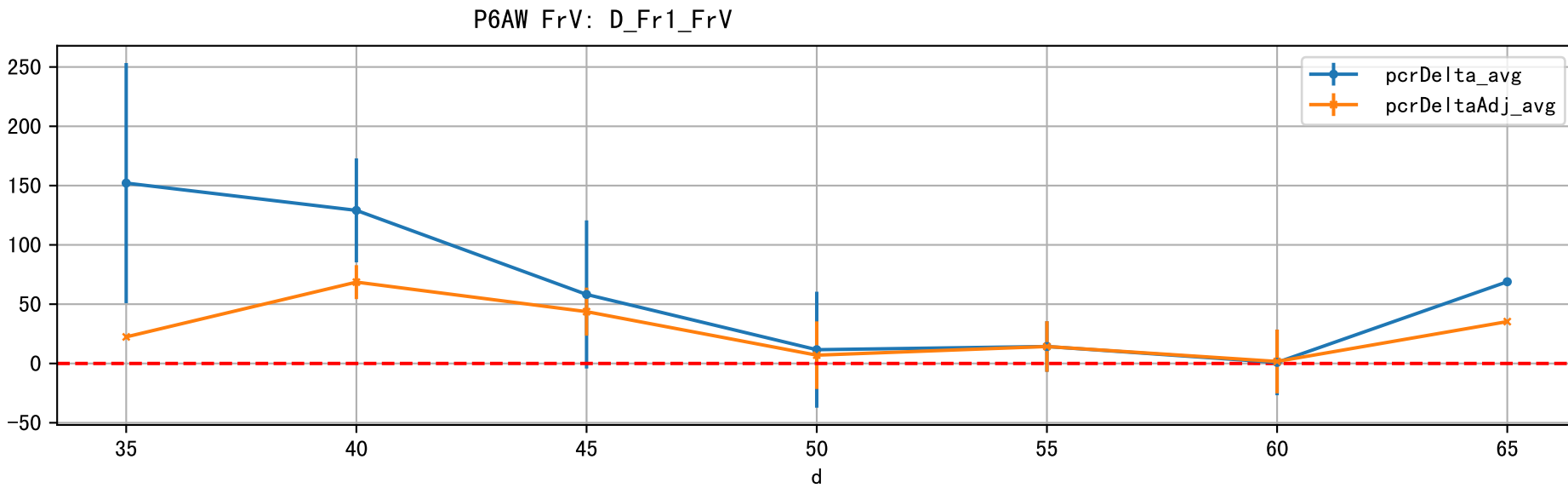


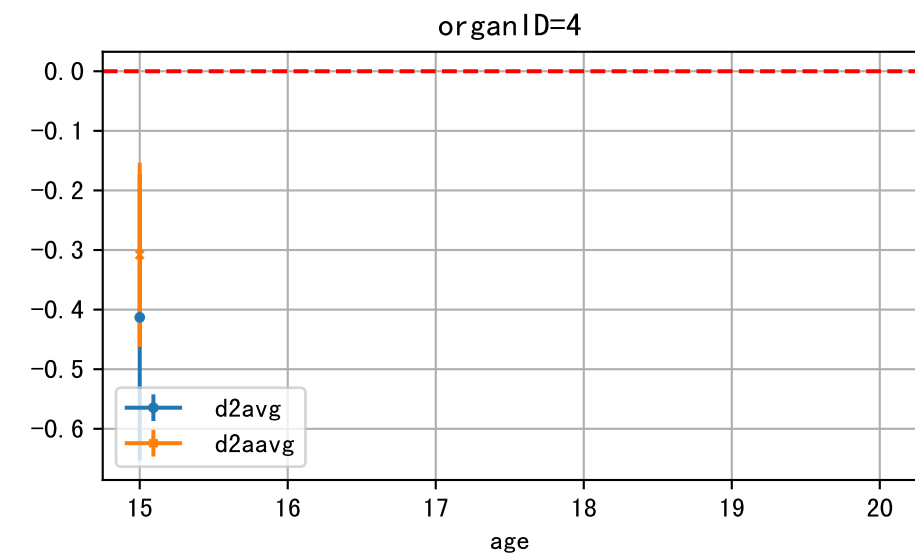
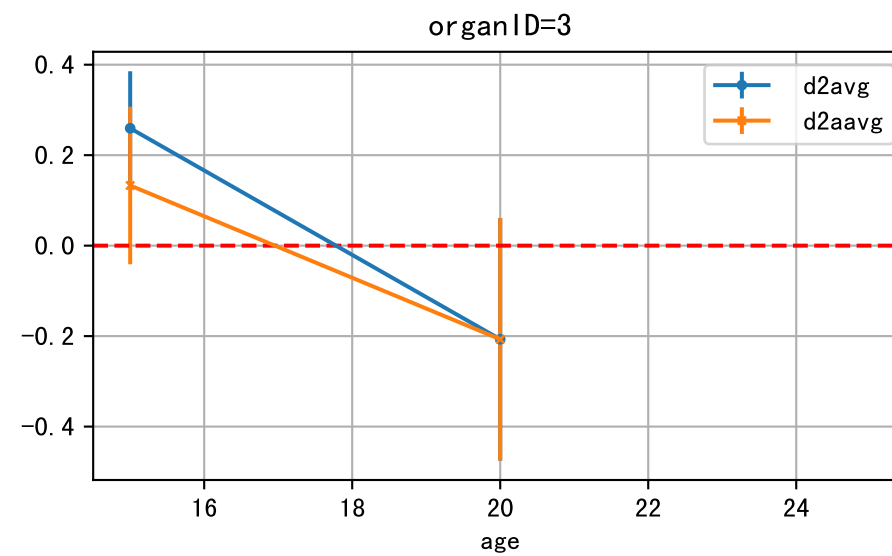
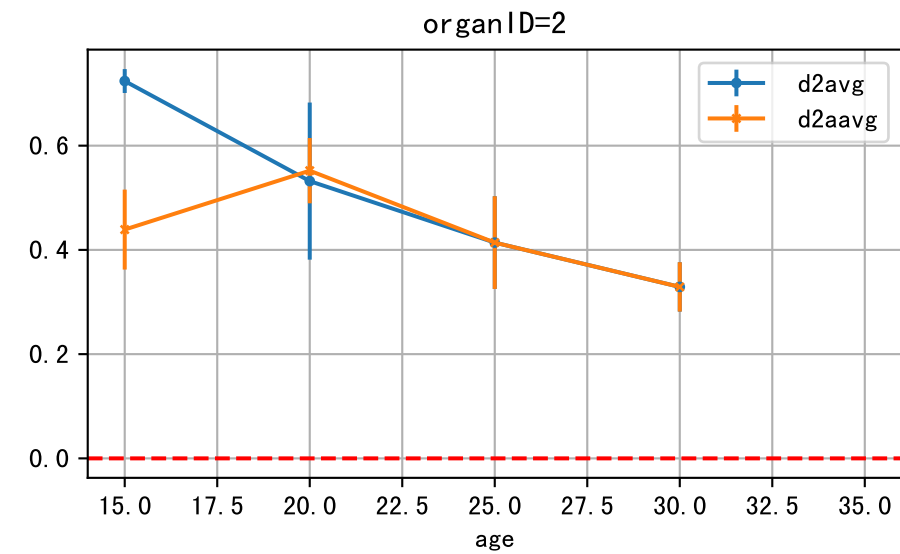
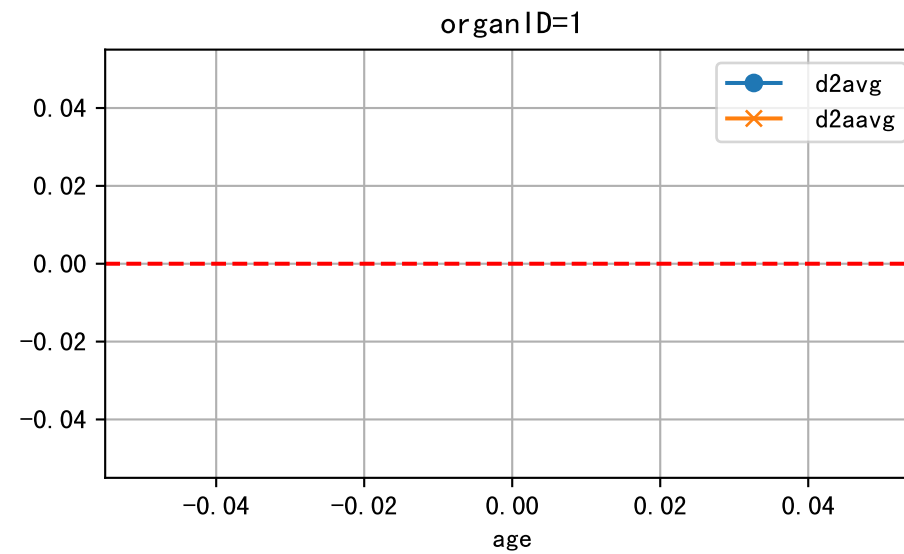
FrV: obsFrV vs obsFrV@Q90

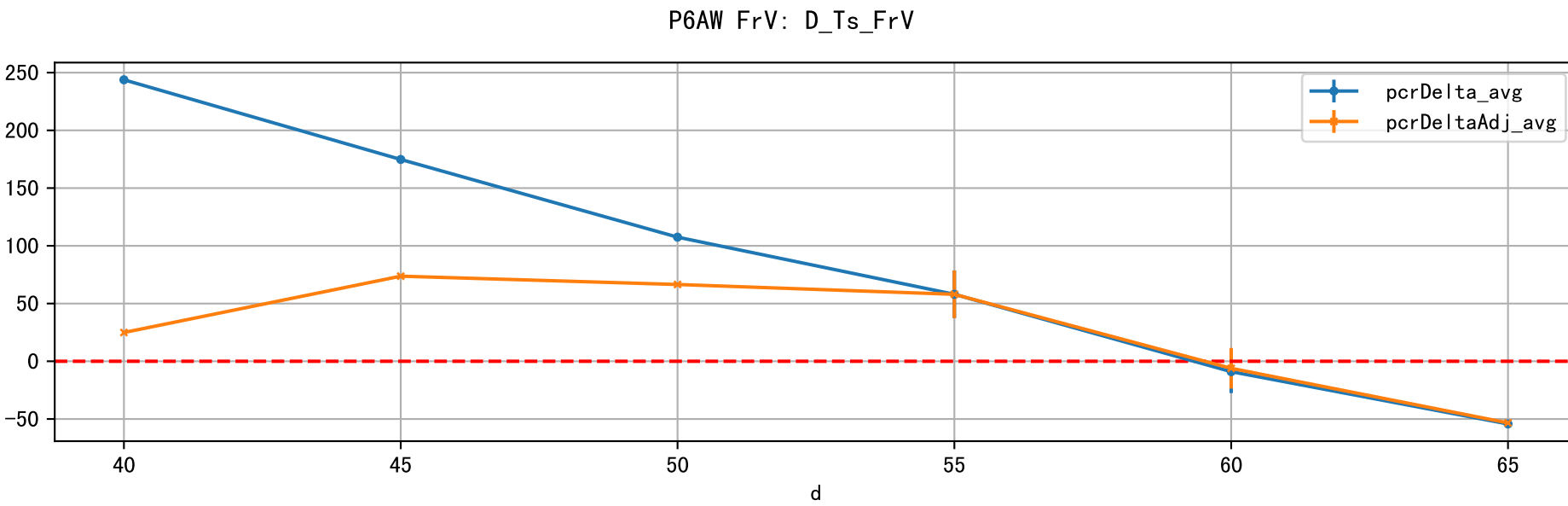


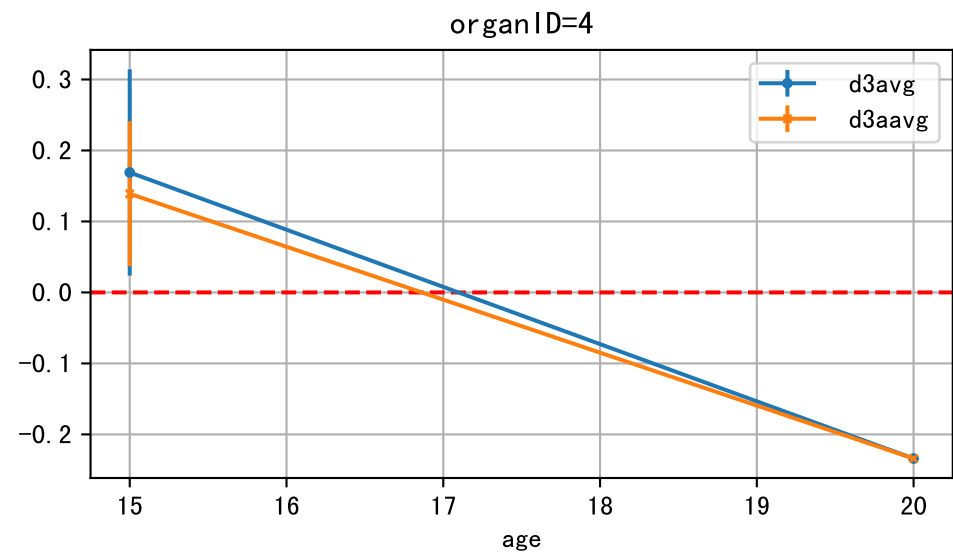
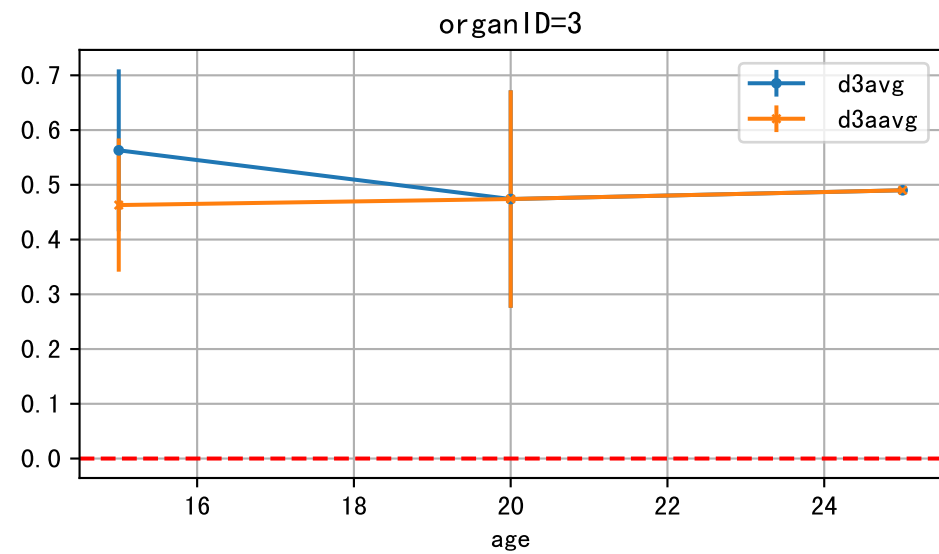
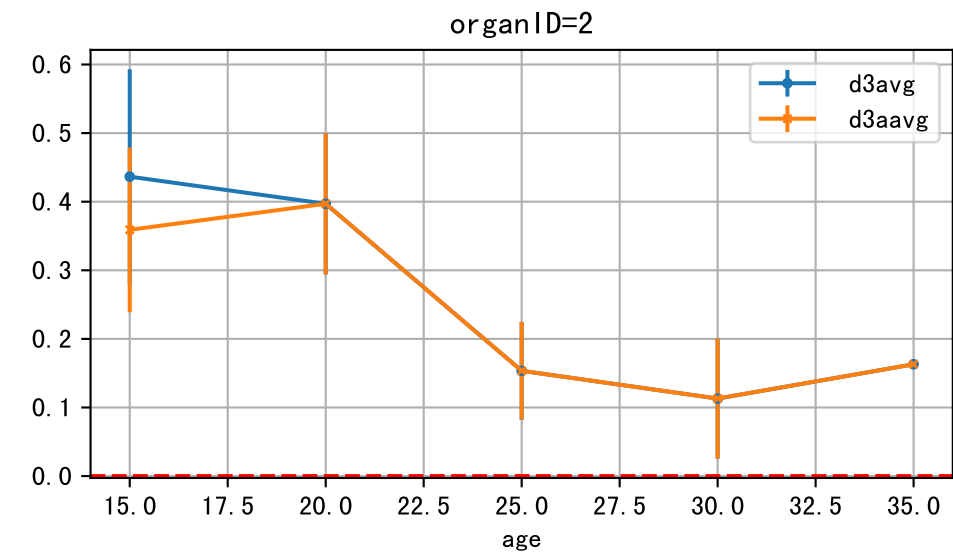
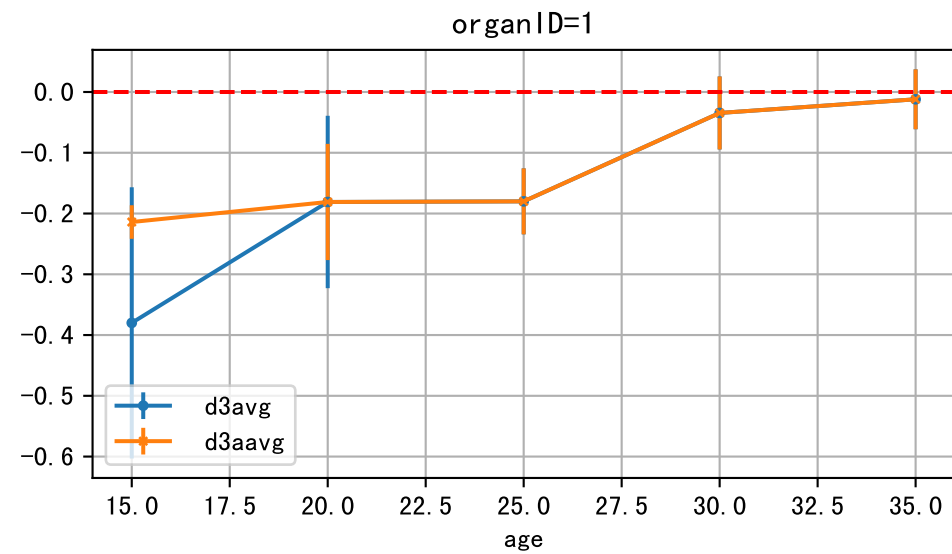
FrV: D_Fr1_FrV











P6AW FrV: D_Q50_FrV

