

Phenotype Data Analysis Plots

PhenoData day range = 5 – 70

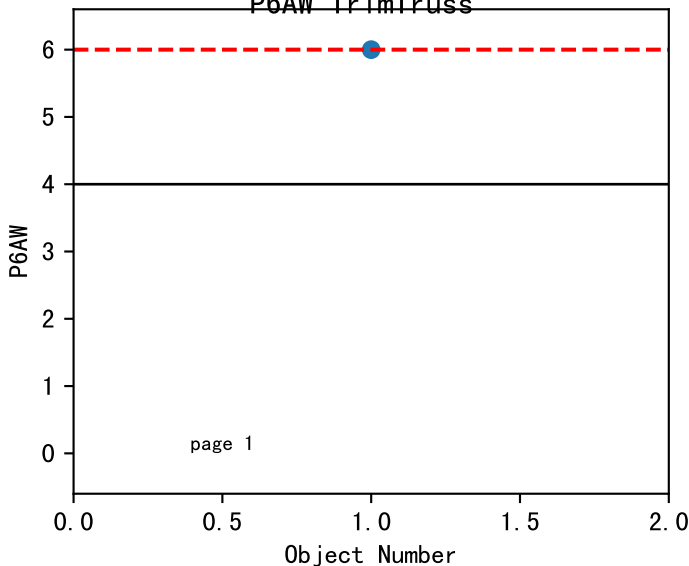
Analysis cutoff day = 70

NC11 P6

2025-06-15 (Day 71)

TrussNodeMaxPerStem (Def=4.0 Set=6)

avg1=6.0 avg2=na
P6AW TrimTruss

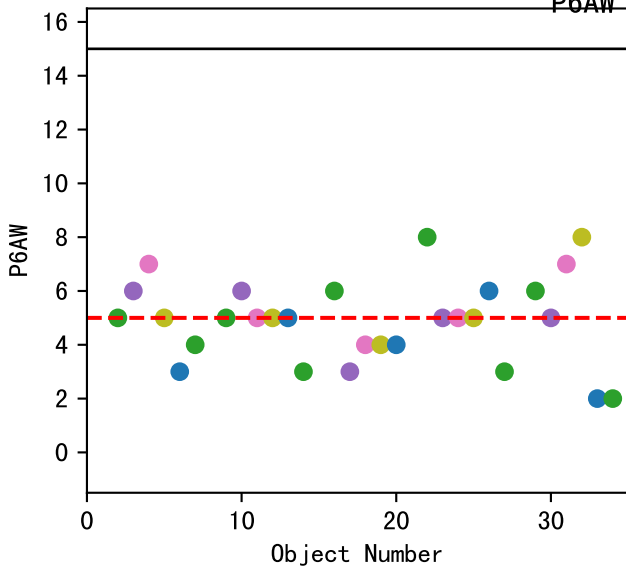


page 1

FruitNumAvgPerTruss (Def=15 Set=5)

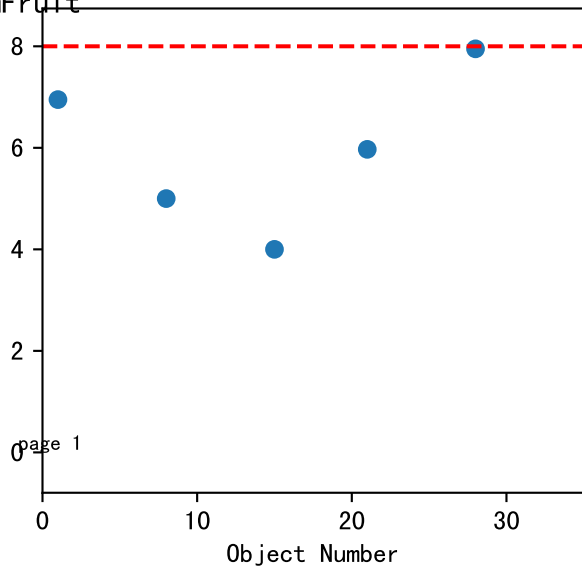
avg1=5.0~31% avg2=na

P6AW TrimFruit

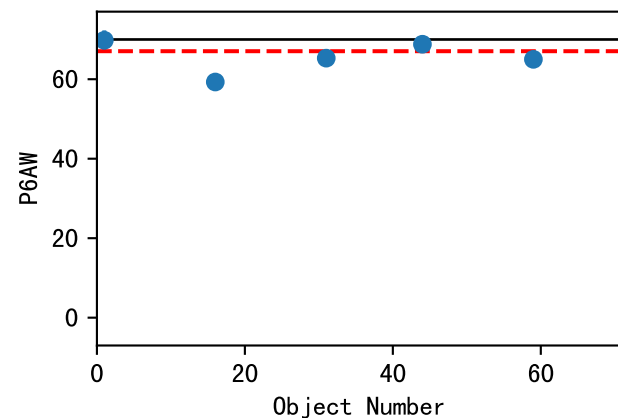


FruitNumMaxPerTruss (Def=na Set=8)

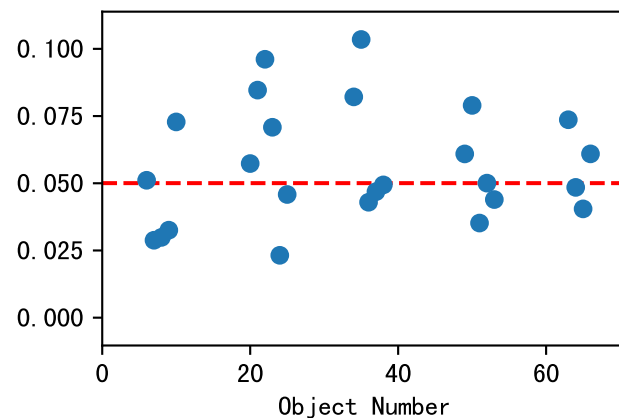
avg1=8.0~21% avg2=na



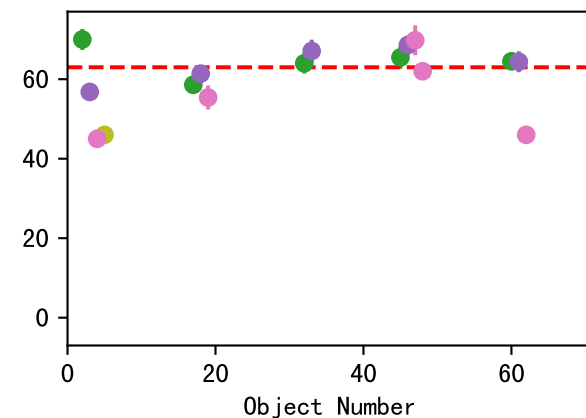
FrD_Q90AbsY (Def=70 Set=67.05)
avg1=67.05~4% avg2=na



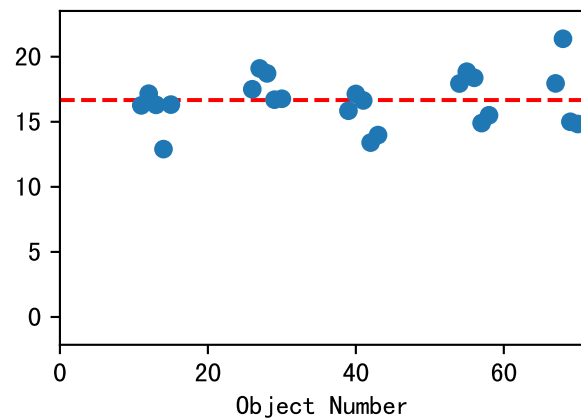
LfA_avgAbsY (Def=na Set=0.05)
avg1=0.05~43% avg2=na



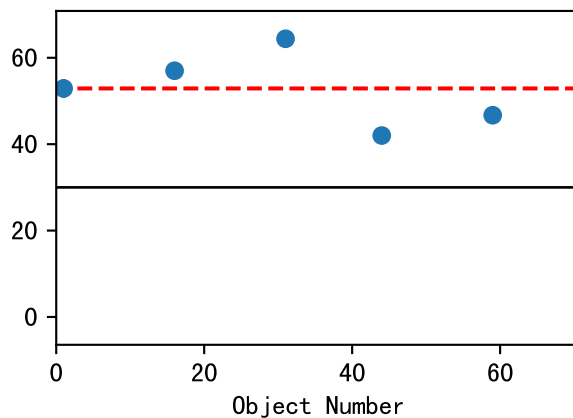
FrD_avgAbsY (Def=na Set=63.0)
avg1=63.0~13% avg2=na



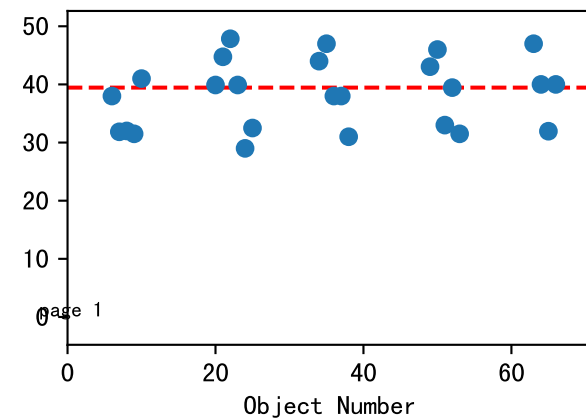
NdD_avgAbsY (Def=na Set=16.67)
avg1=16.67~12% avg2=na



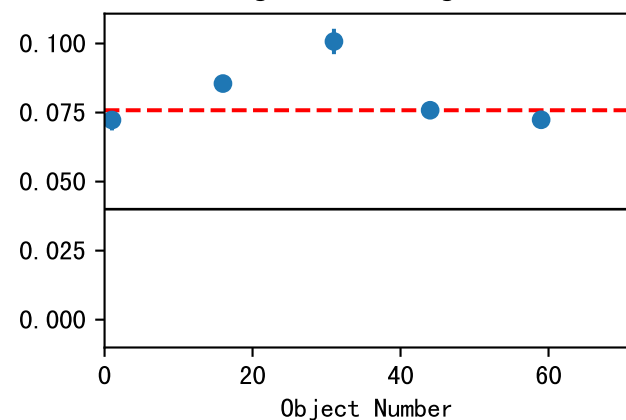
LfW_Q90AbsY (Def=30 Set=52.9)
avg1=52.9~17% avg2=na



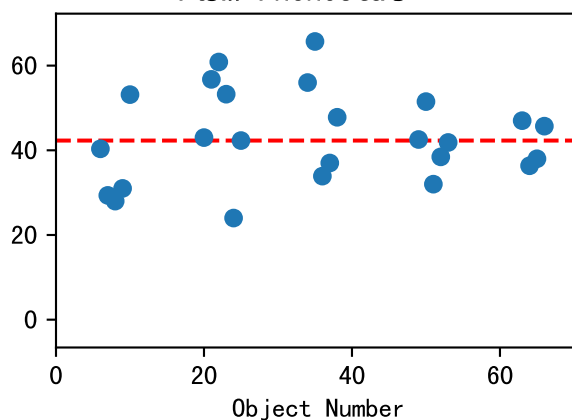
LfL_avgAbsY (Def=na Set=39.45)
avg1=39.45~15% avg2=na



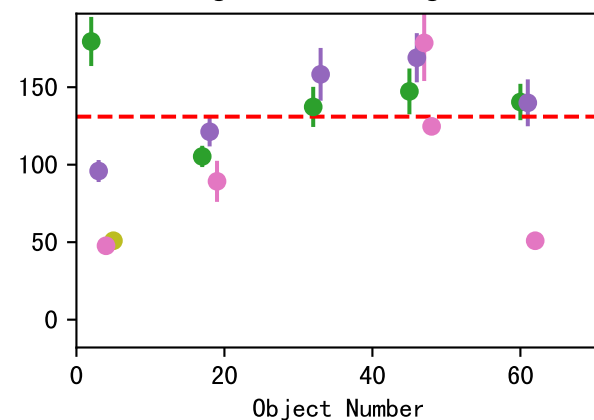
LfA_Q90AbsY (Def=0.04 Set=0.08)
avg1=0.08~16% avg2=na



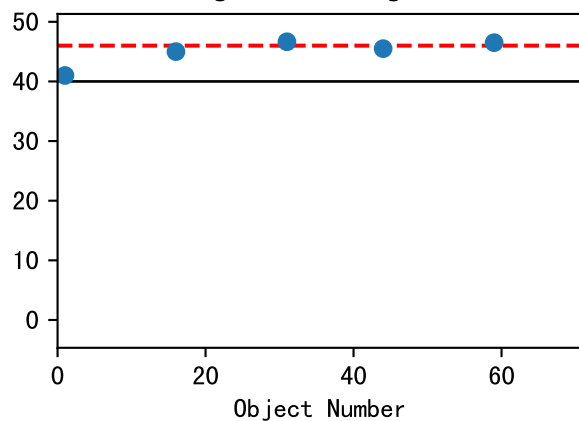
LfW_avgAbsY (Def=na Set=42.3)
avg1=42.3~25% avg2=na



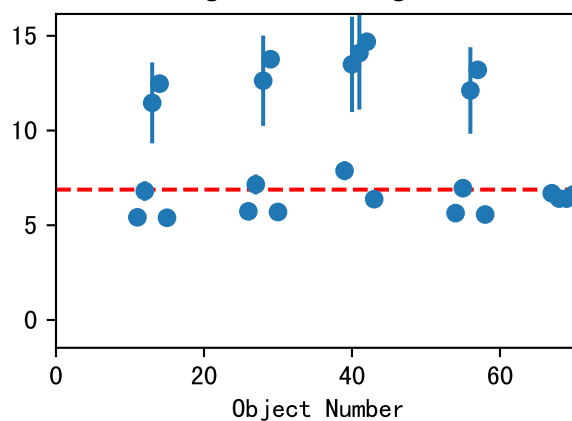
FrV_avgAbsY (Def=na Set=131.01)
avg1=131.01~34% avg2=na



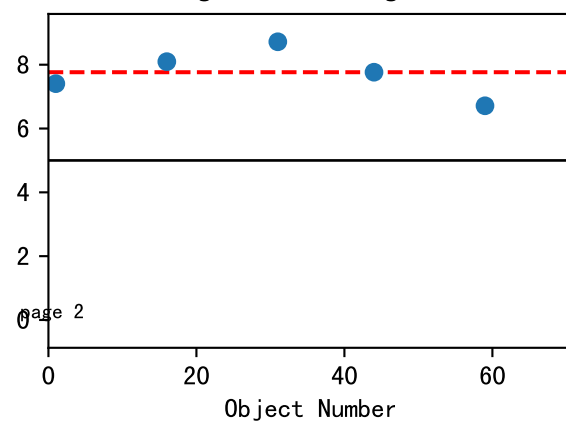
LfL_Q90AbsY (Def=40 Set=46.0)
avg1=46.0~2% avg2=na



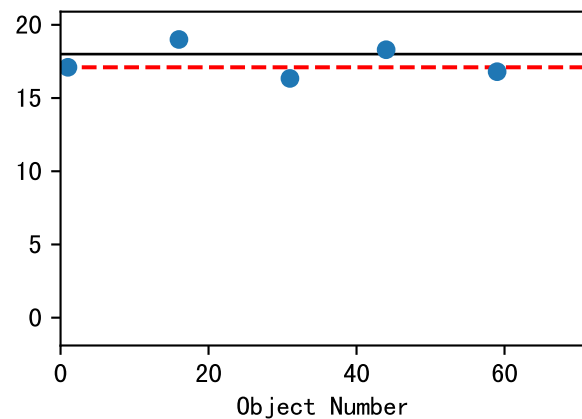
NdL_avgAbsY (Def=na Set=6.88)
avg1=6.88~50% avg2=na



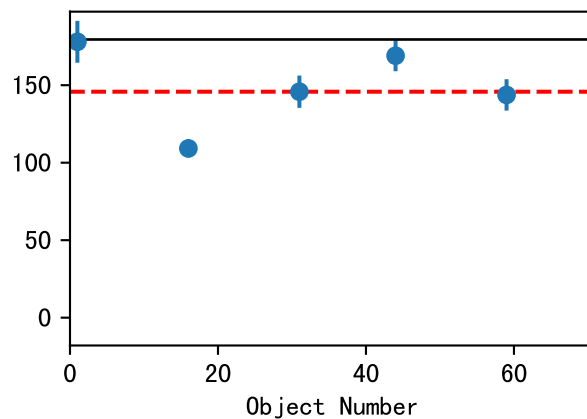
NdL_Q90AbsY (Def=5 Set=7.76)
avg1=7.76~10% avg2=na



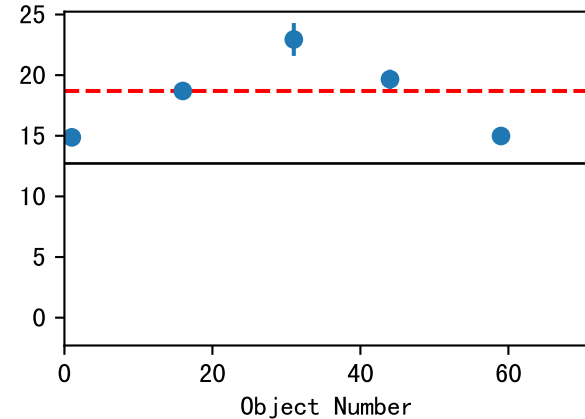
NdD_Q90AbsY (Def=18 Set=17.1)
avg1=17.1~6% avg2=na



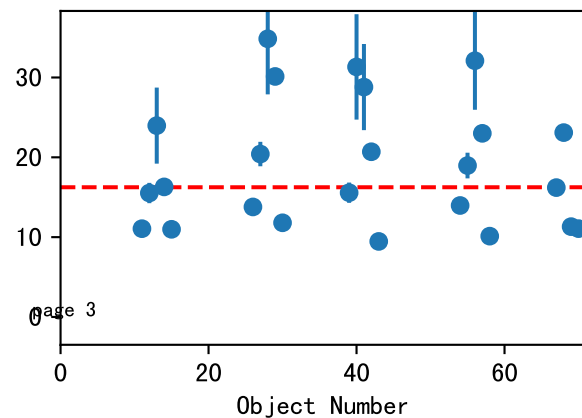
FrV_Q90AbsY (Def=179.5 Set=145.8)
avg1=179.5~18% avg2=na



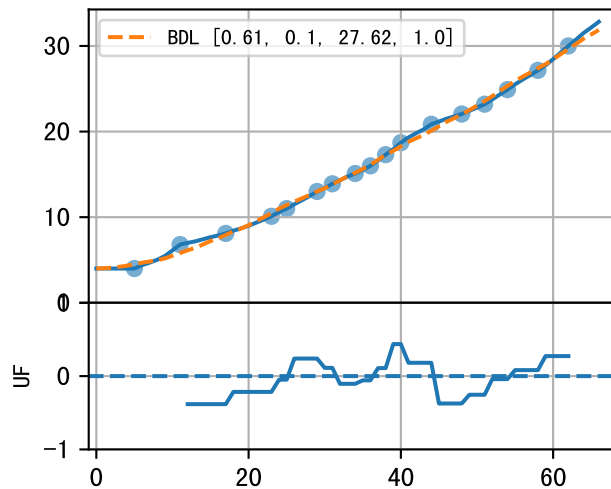
NdV_Q90AbsY (Def=12.72 Set=18.69)
avg1=18.69~18% avg2=na



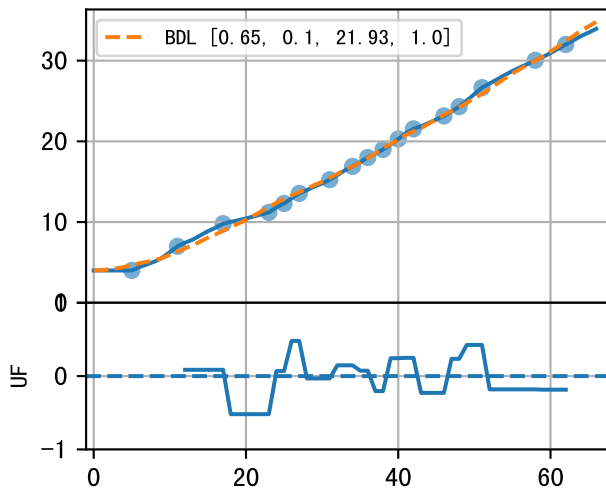
NdV_avgAbsY (Def=na Set=16.25)
avg1=16.25~48% avg2=na



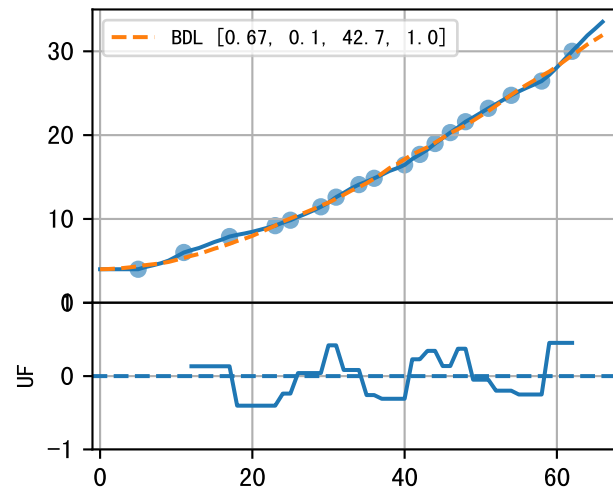
P6AW-058-22 (fit failed)



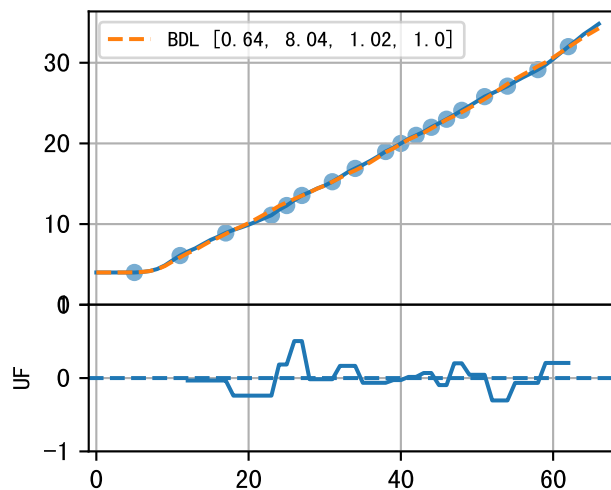
P6AW-074-19 (fit failed)



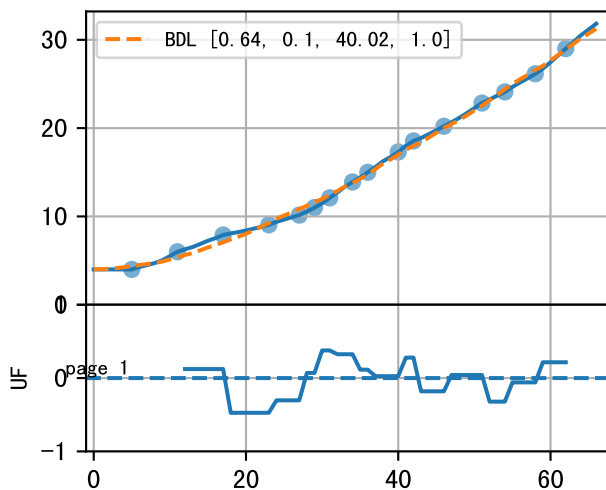
P6AW-087-14 (fit failed)



P6AW-095-29 (fit failed)



P6AW-106-11 (fit failed)

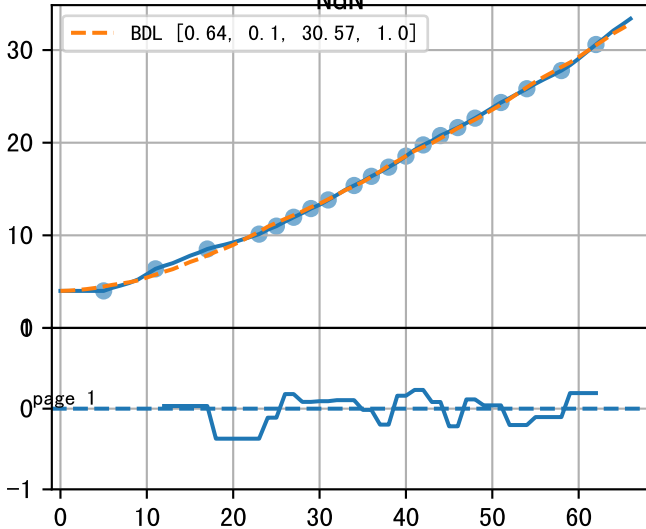


P6AWavg (fit failed)

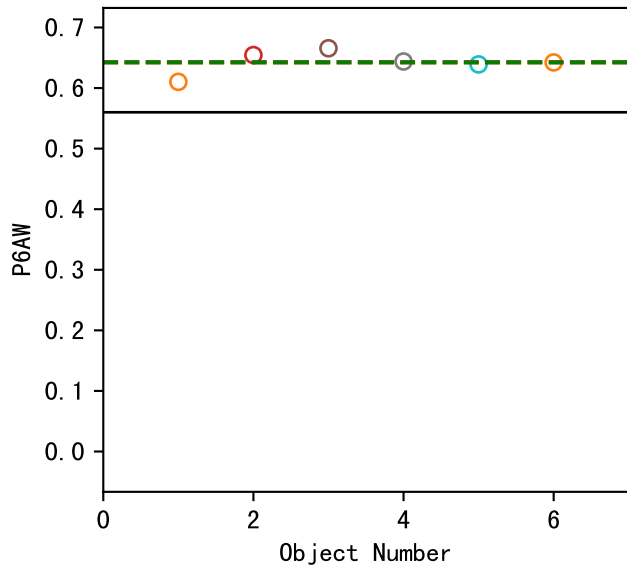
NdN

BDL [0.64, 0.1, 30.57, 1.0]

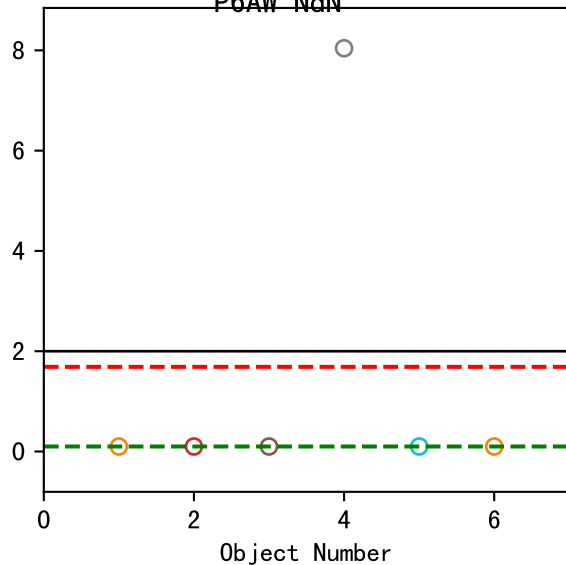
UF
page 1



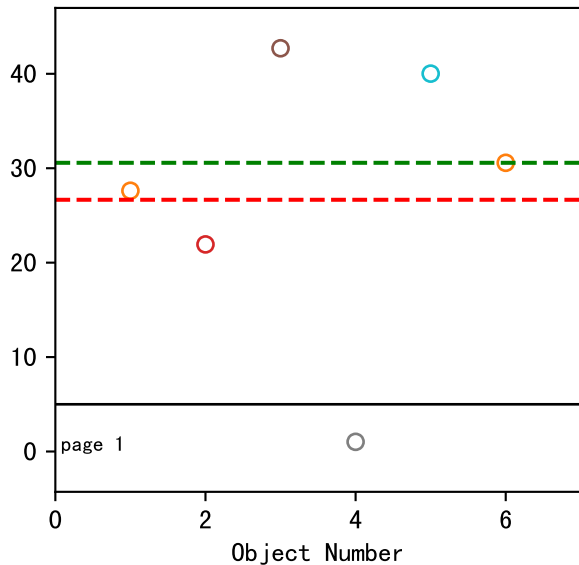
a (Def=0.56 Set=0.64)
avg1=0.64(fail) avg2=0.64



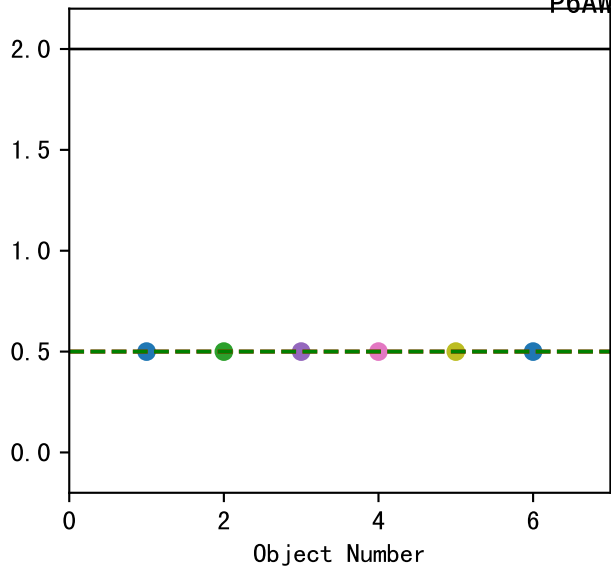
dm (Def=2 Set=0.1)
avg1=1.69(fail) avg2=0.1



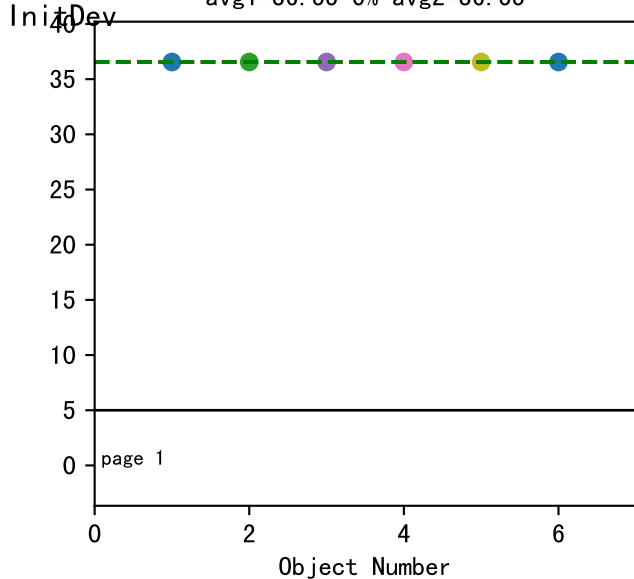
de (Def=5 Set=30.57)
avg1=26.66(fail) avg2=30.57



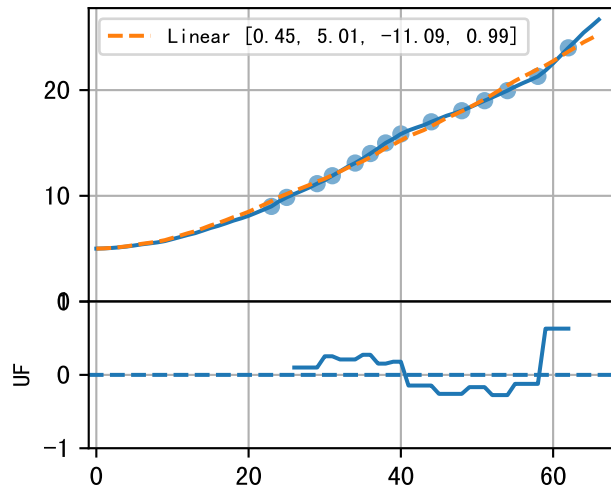
InitDev_dm (Def=2 Set=0.5)
avg1=0.5~0% avg2=0.5



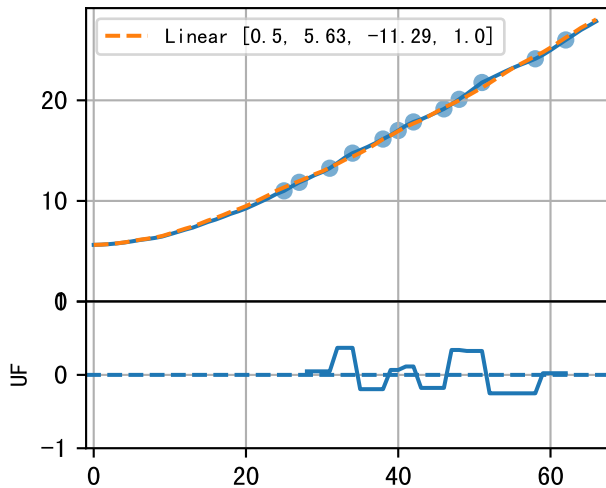
InitDev_de (Def=5 Set=36.55)
avg1=36.55~0% avg2=36.55



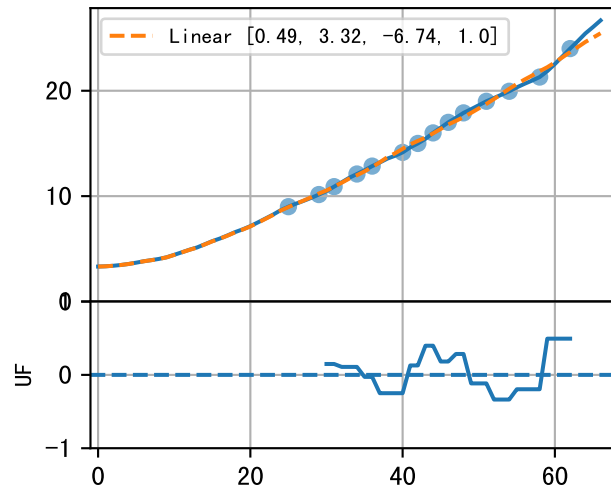
P6AW-058-22



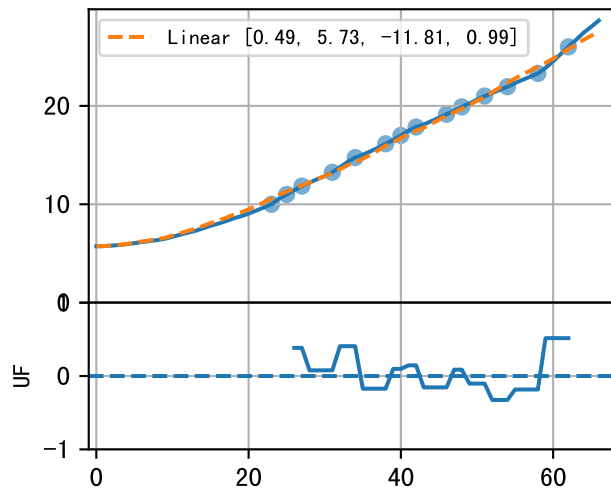
P6AW-074-9



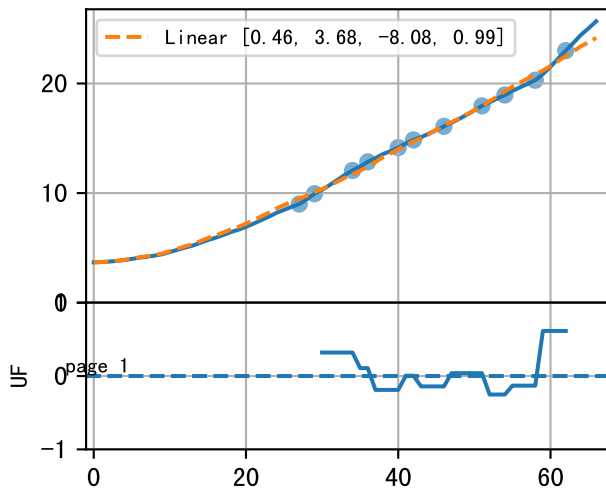
P6AW-087-14



P6AW-095-29



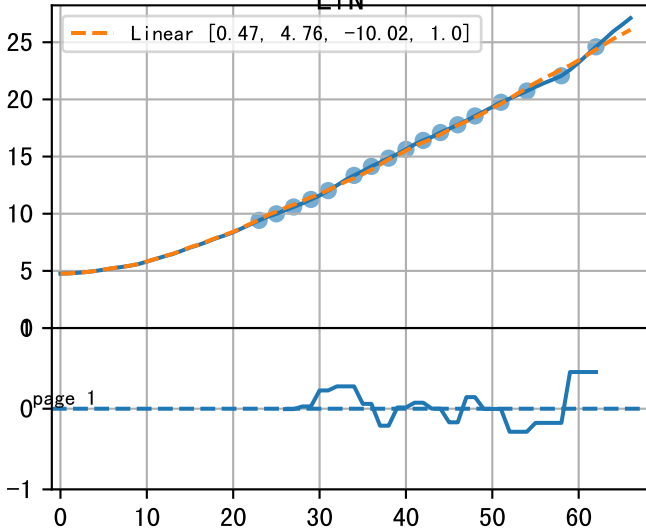
P6AW-106-11



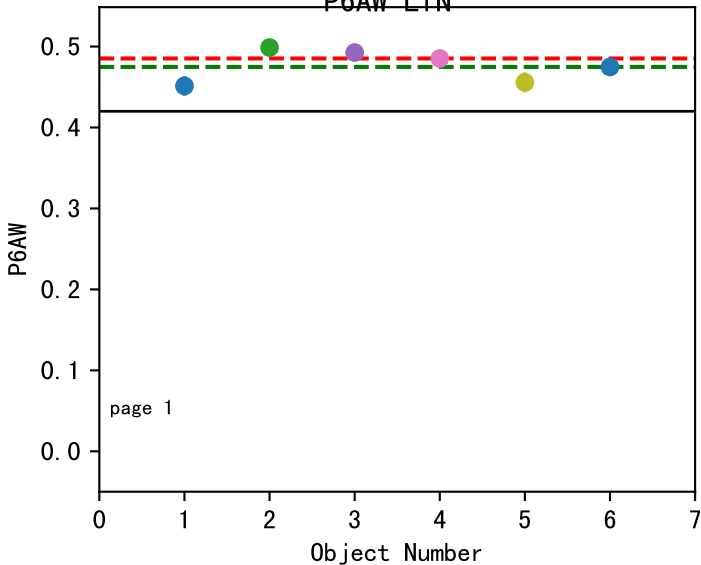
P6AWavg
Lfn

Linear [0.47, 4.76, -10.02, 1.0]

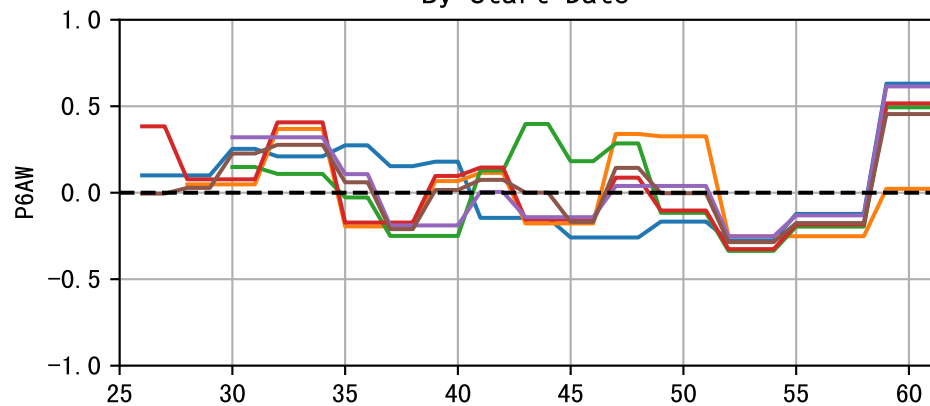
UF
page 1



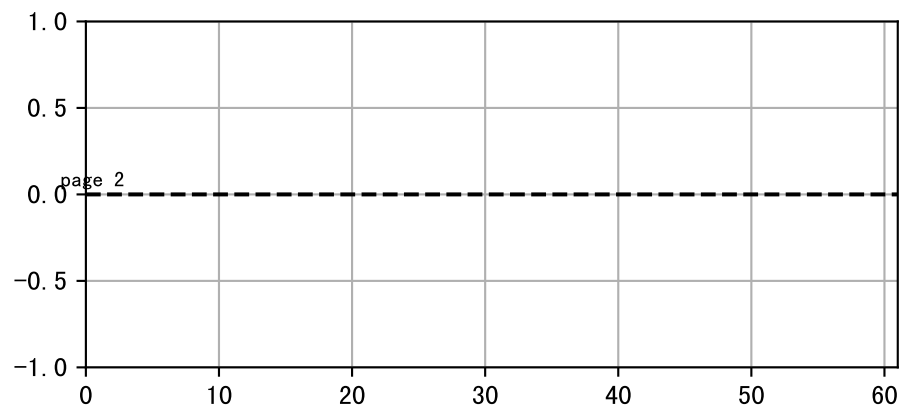
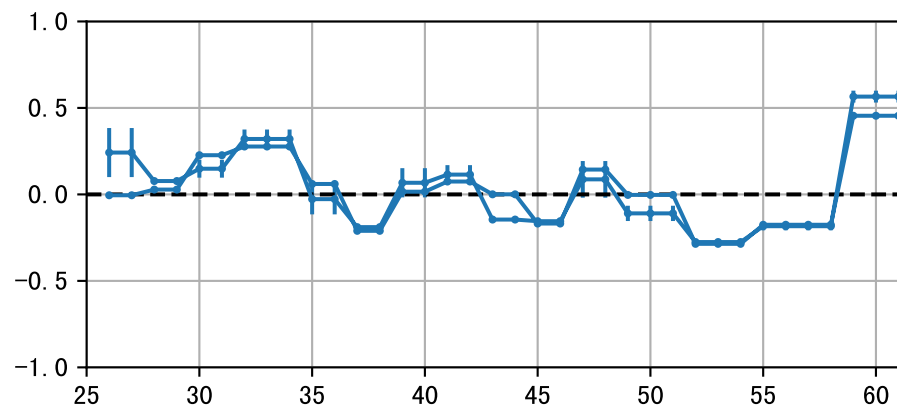
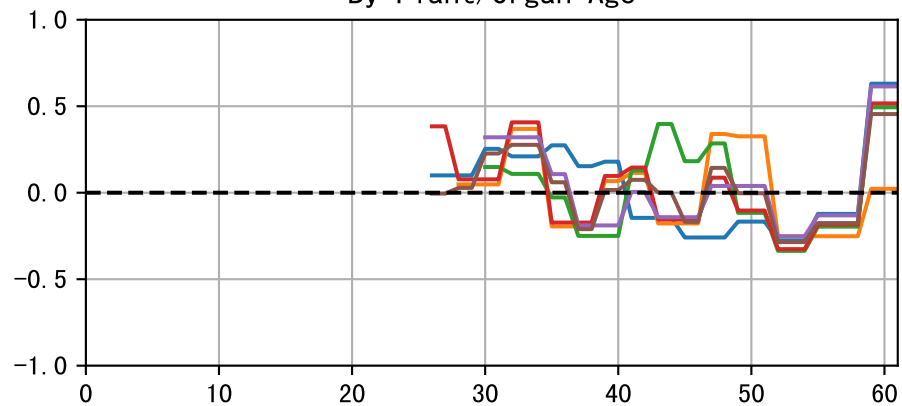
a (Def=0.42 Set=0.47)
avg1=0.49^{~4%} avg2=0.47^{~3%}
P6AW LFN



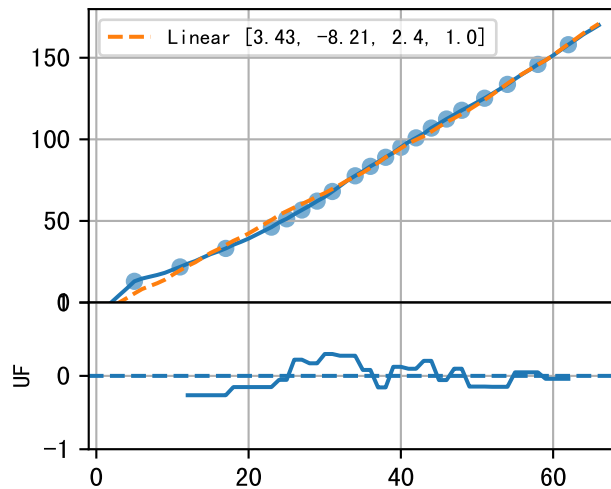
By Start Date



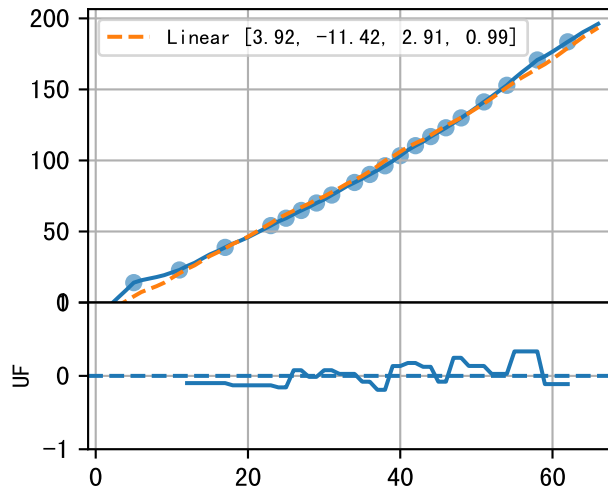
By Plant/Organ Age



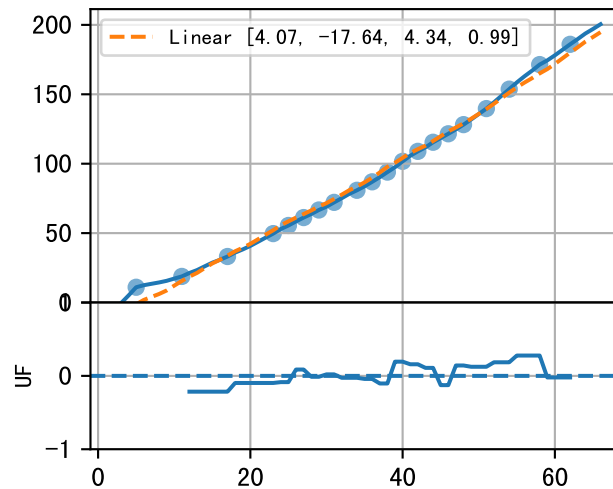
P6AW-058-22



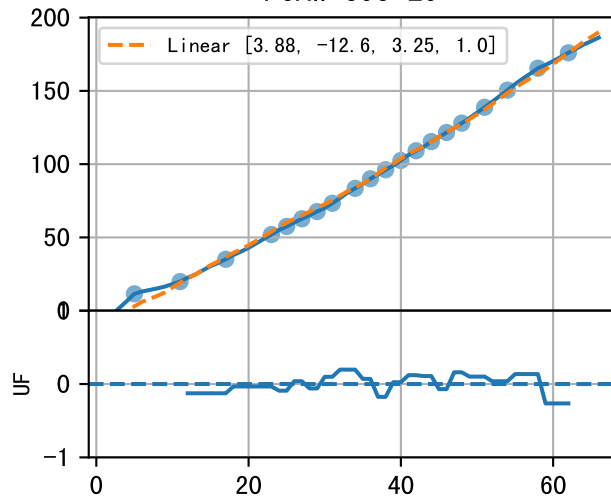
P6AW-074-9



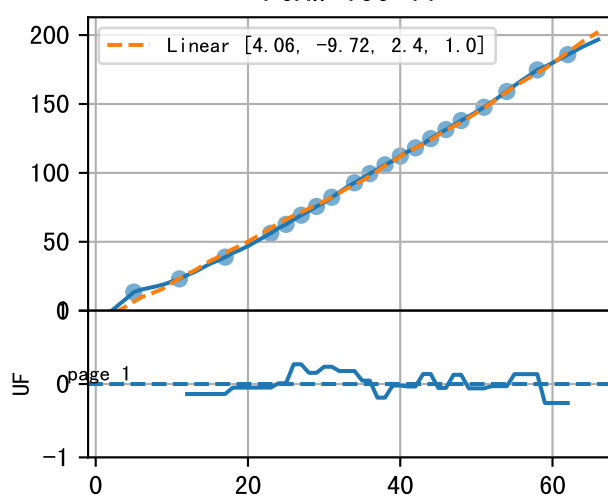
P6AW-087-14



P6AW-095-29

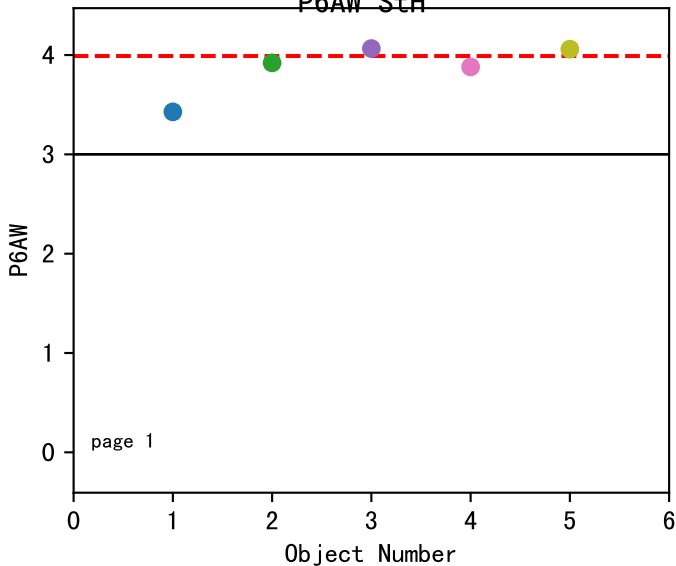


P6AW-106-11

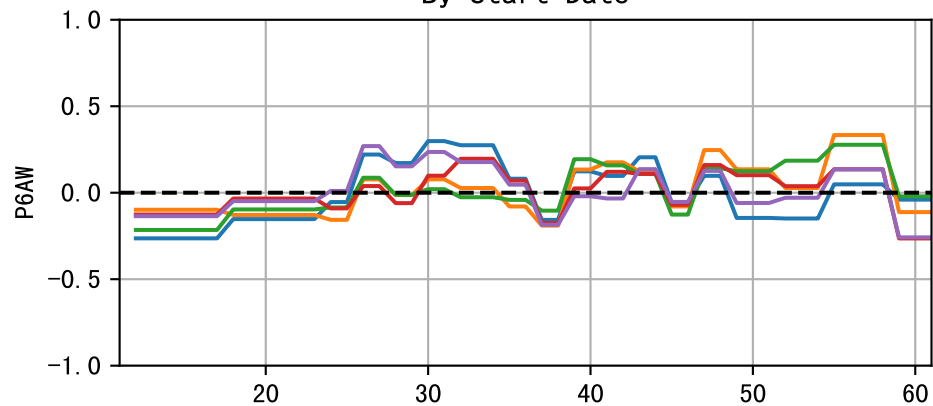


a (Def=3 Set=3.99)
avg1=3.99~2% avg2=na

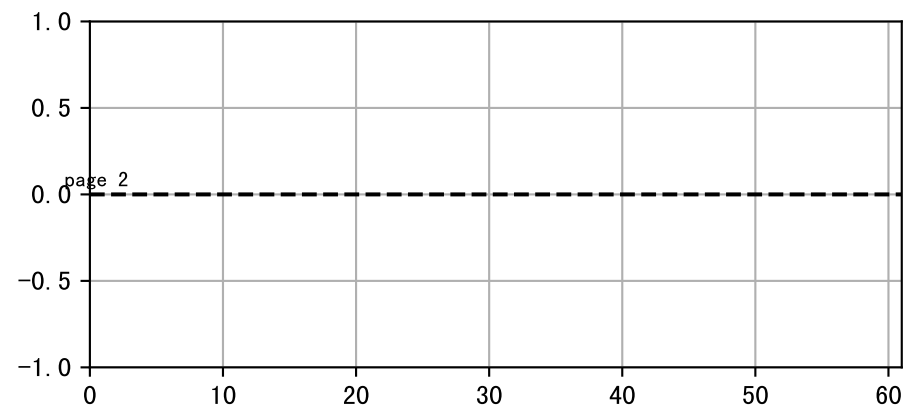
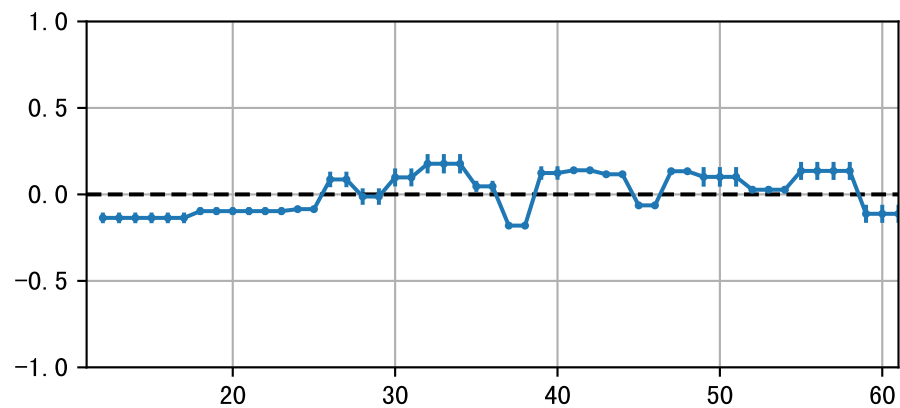
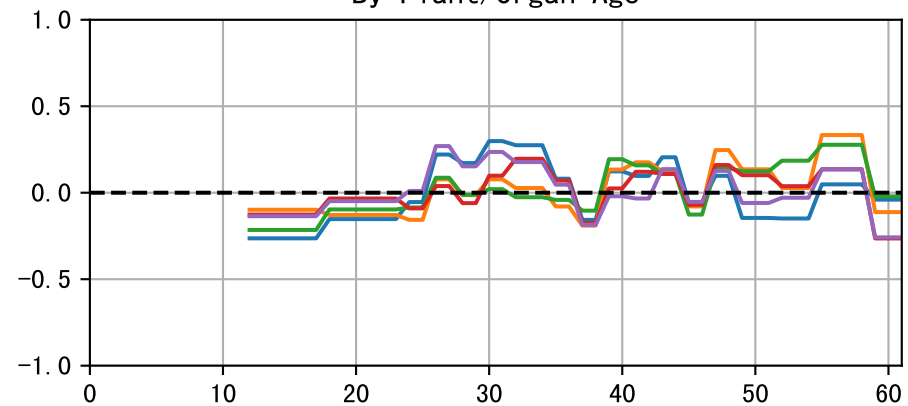
P6AW StH



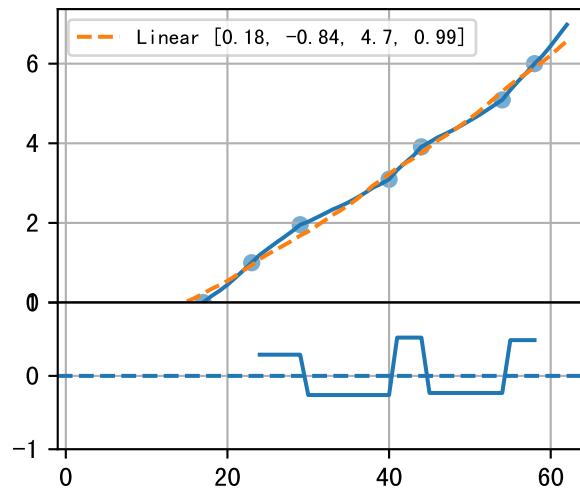
By Start Date



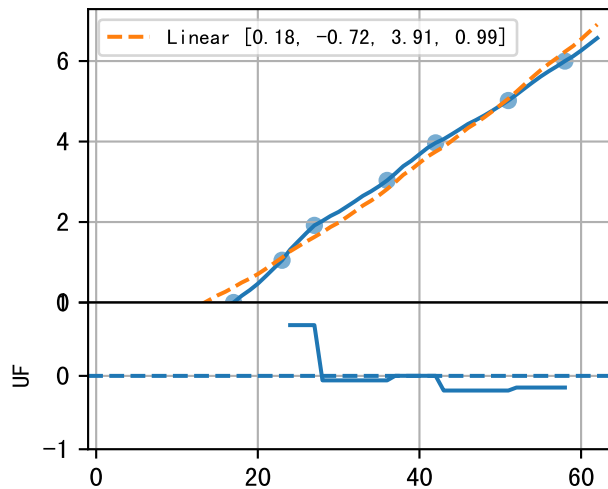
By Plant/Organ Age



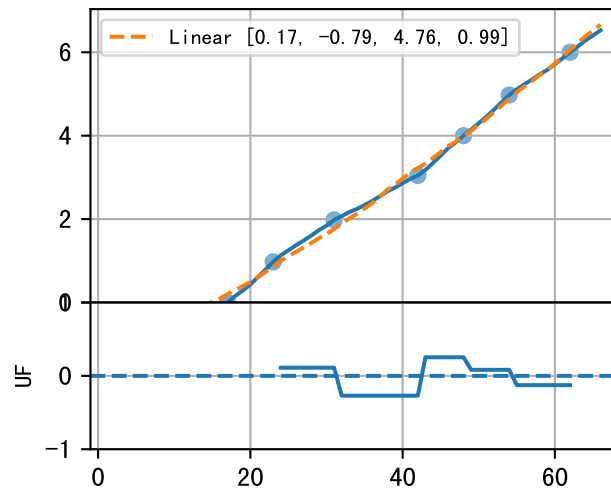
P6AW-058-22



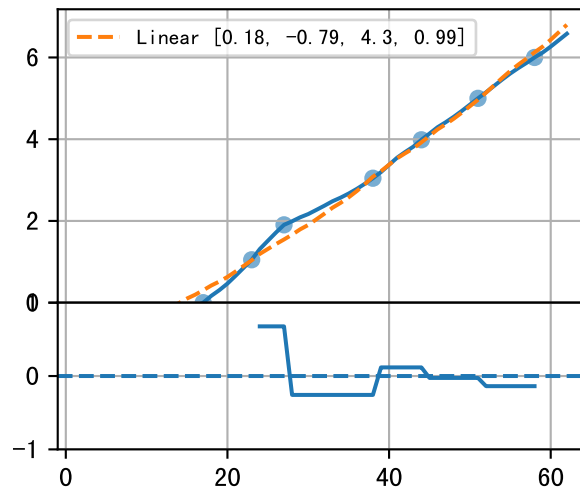
P6AW-074-9



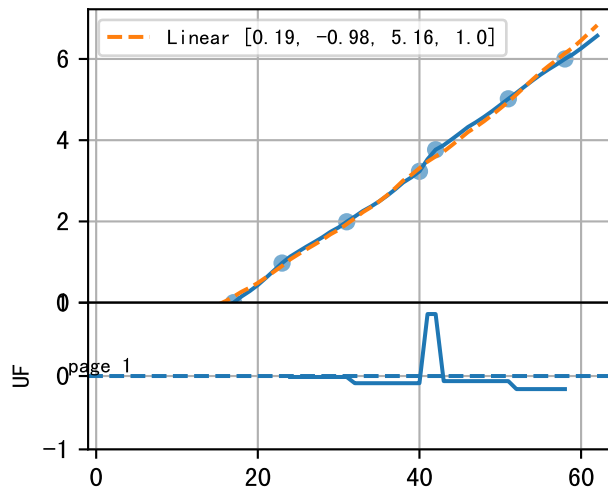
P6AW-087-14



P6AW-095-29



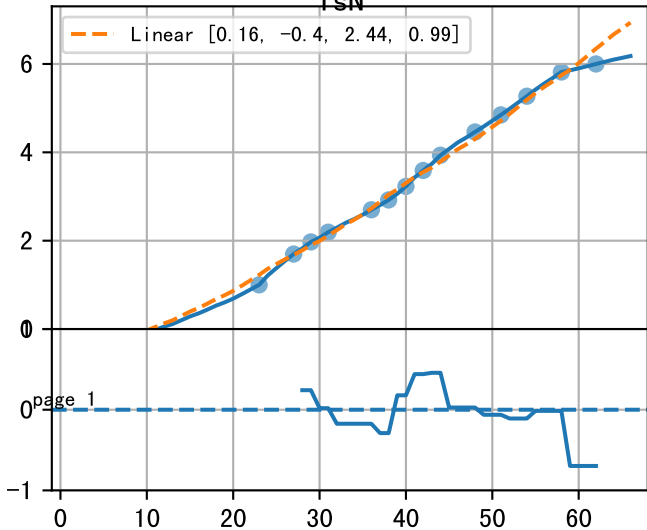
P6AW-106-11



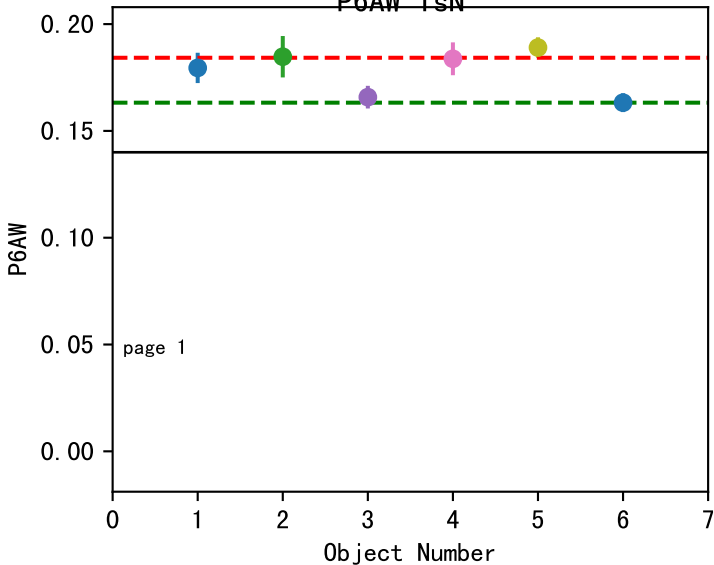
P6AWavg
IsN

Linear [0.16, -0.4, 2.44, 0.99]

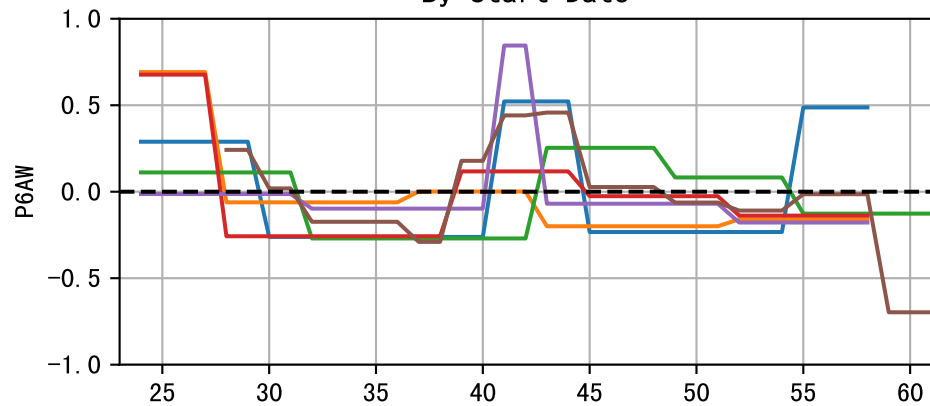
UF
page 1



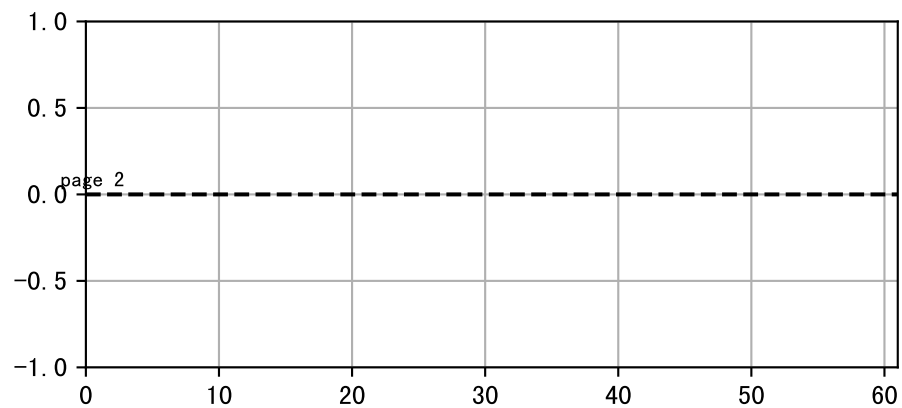
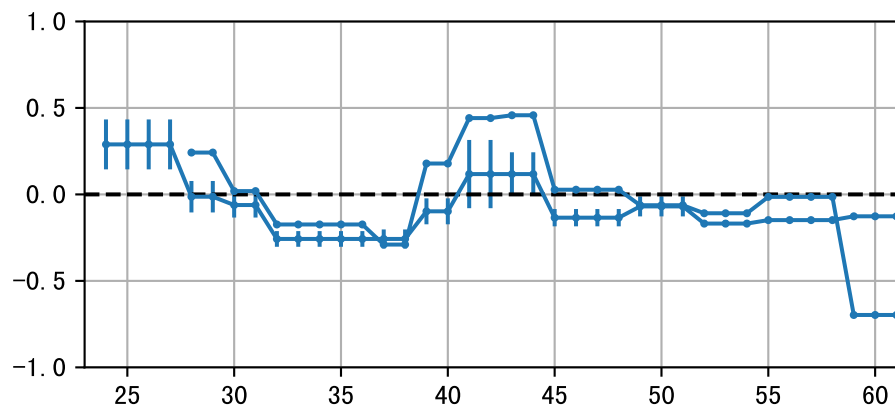
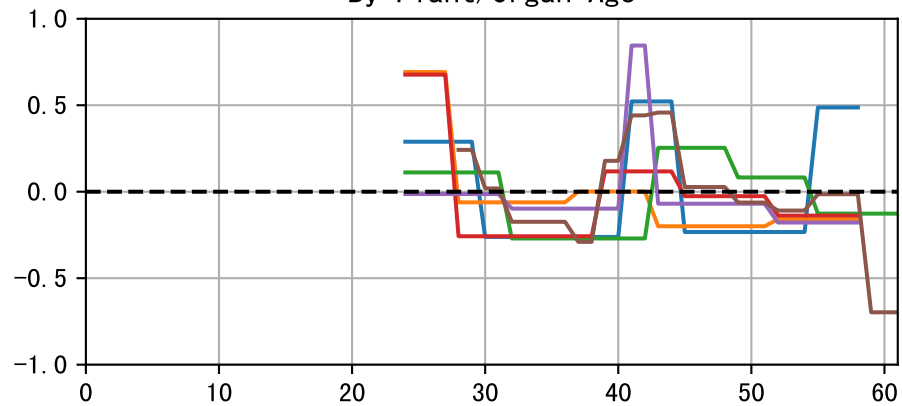
a (Def=0.14 Set=0.16)
avg1=0.18 $\sim$ 2% avg2=0.16 $\sim$ 6%
P6AW TSN

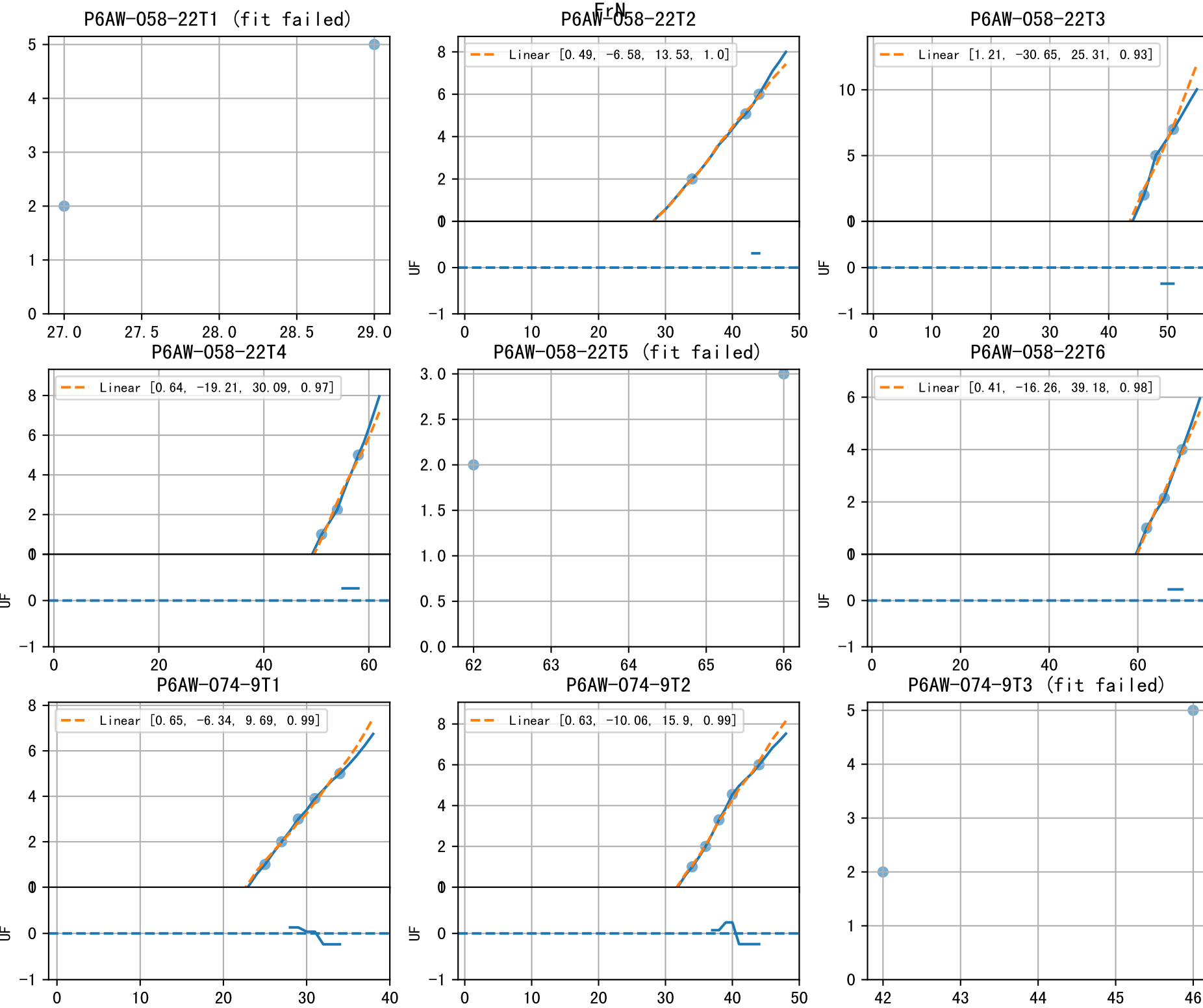


By Start Date

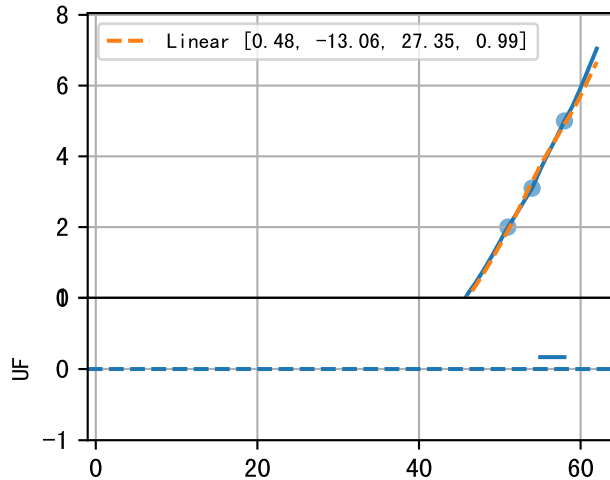


By Plant/Organ Age

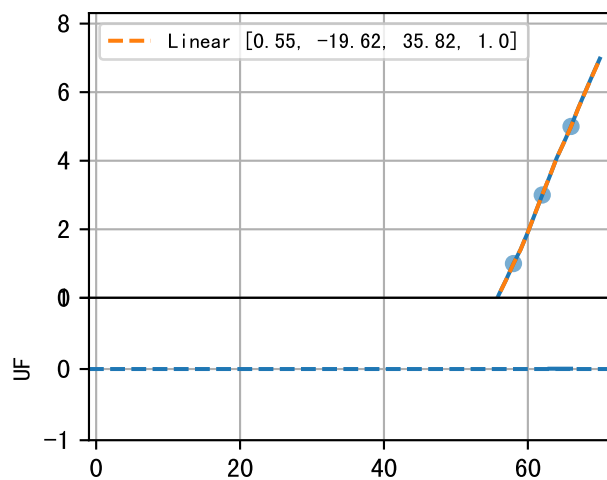




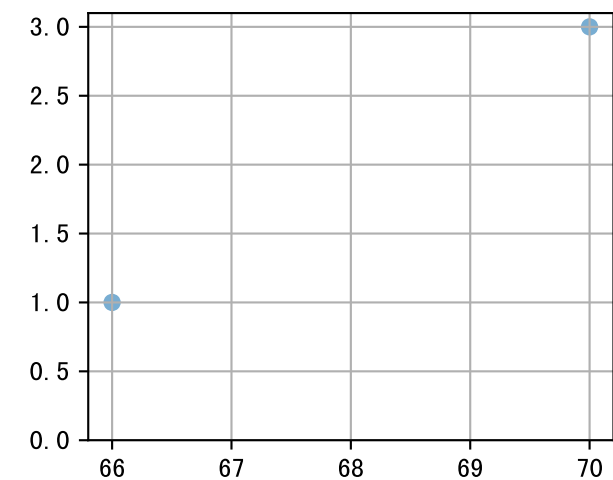
P6AW-074-9T4



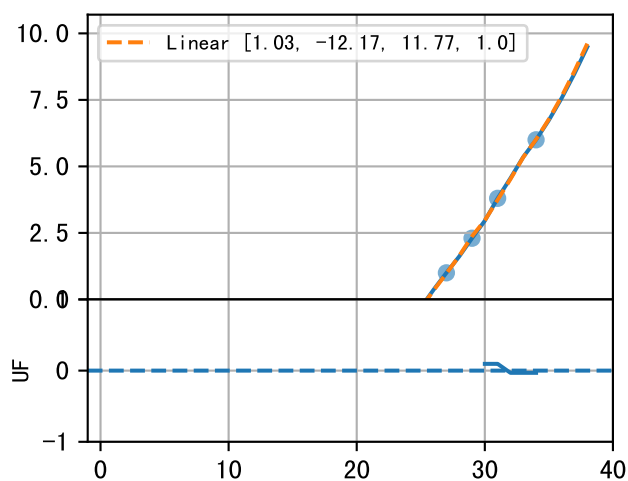
P6AW-074-9T5



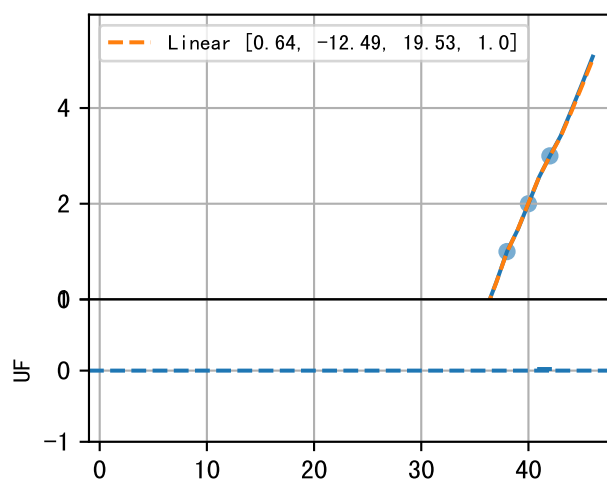
P6AW-074-9T6 (fit failed)



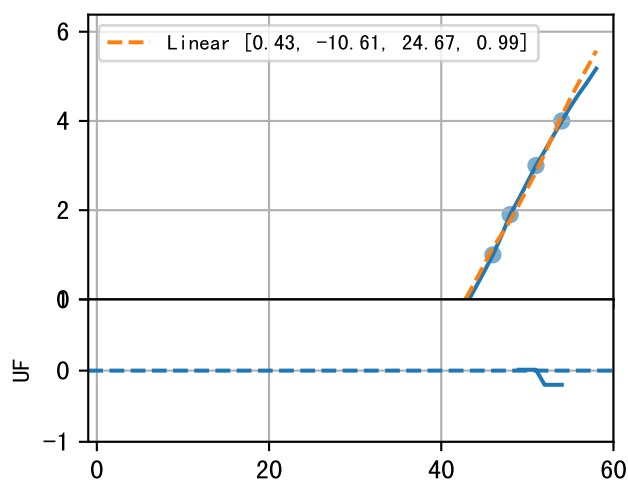
P6AW-087-14T1



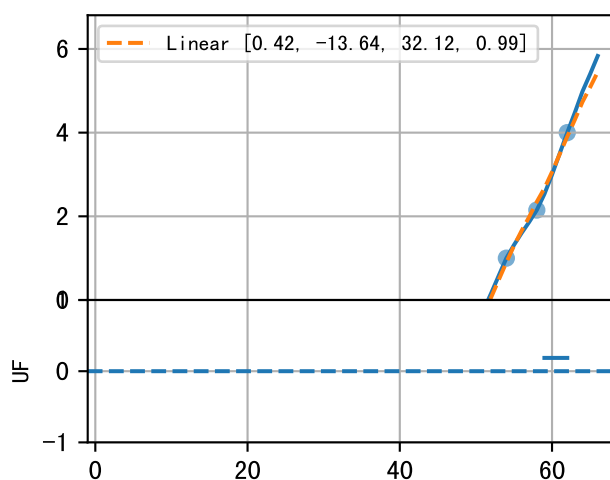
P6AW-087-14T2



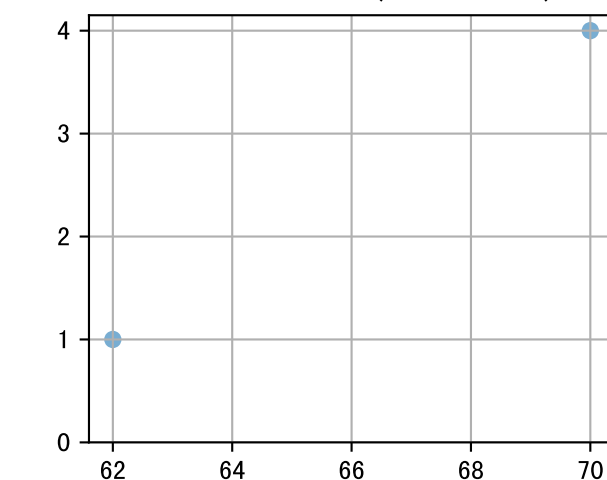
P6AW-087-14T3



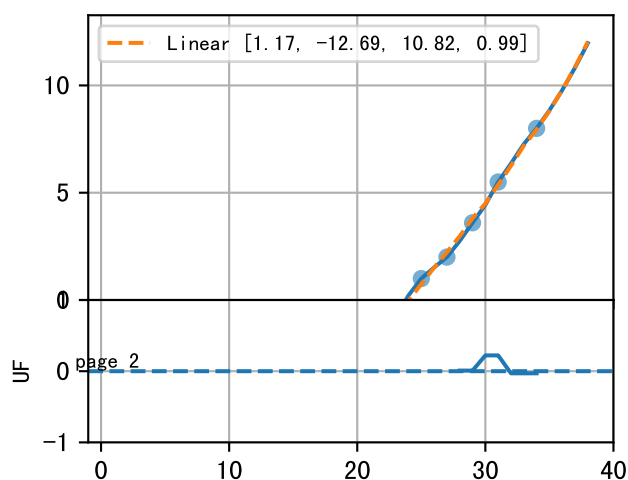
P6AW-087-14T4



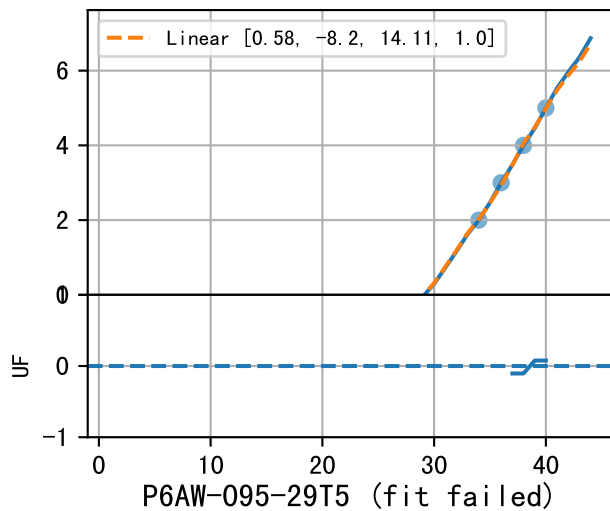
P6AW-087-14T5 (fit failed)



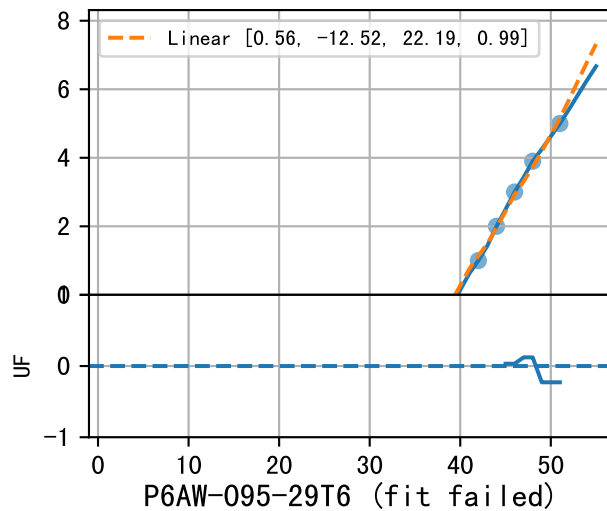
P6AW-095-29T1



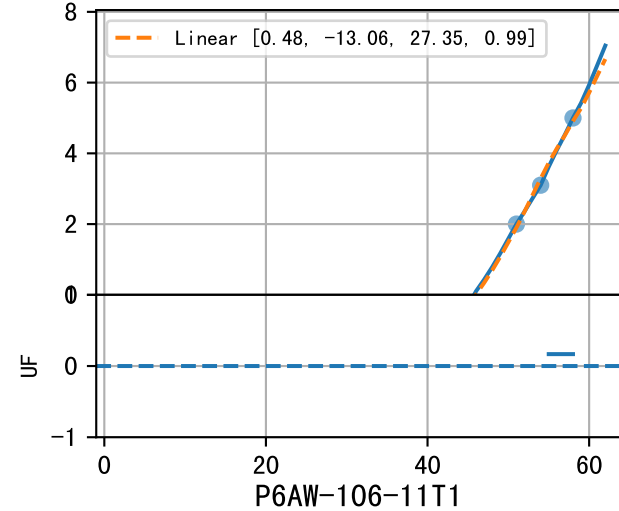
P6AW-095-29T2



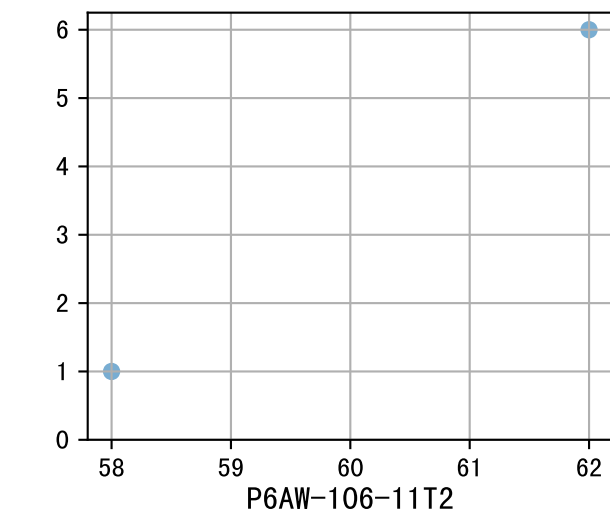
P6AW-095-29T3



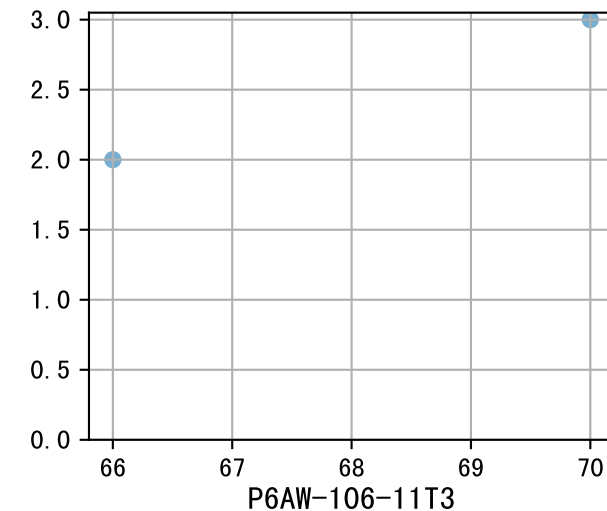
P6AW-095-29T4



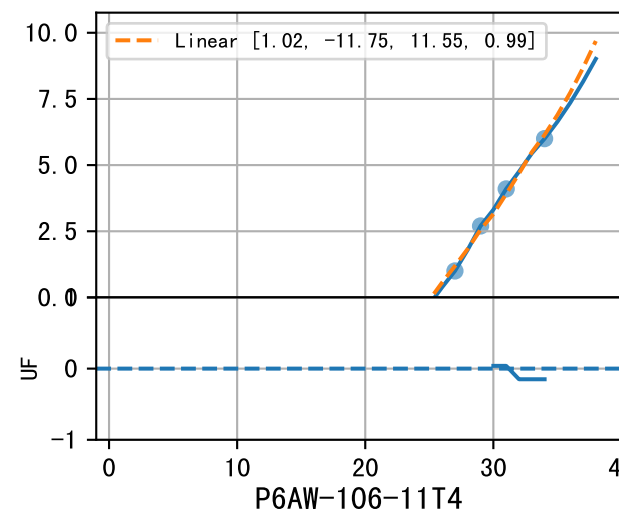
P6AW-095-29T5 (fit failed)



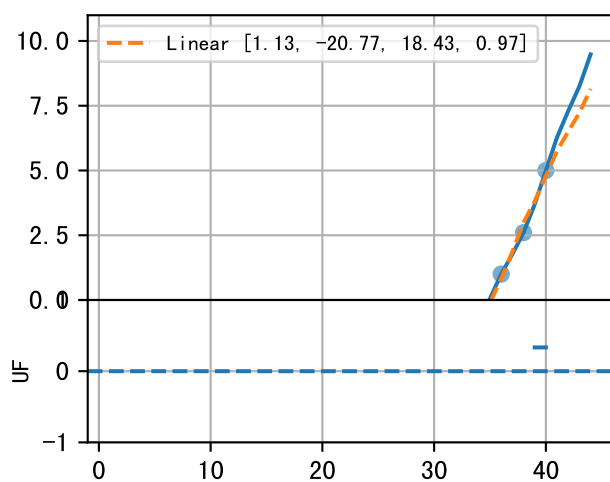
P6AW-095-29T6 (fit failed)



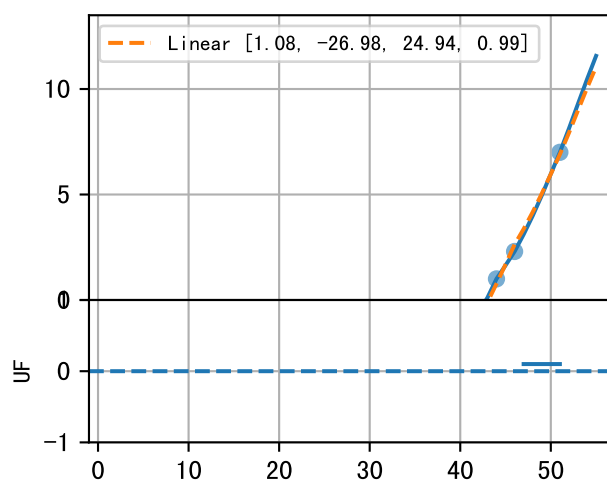
P6AW-106-11T1



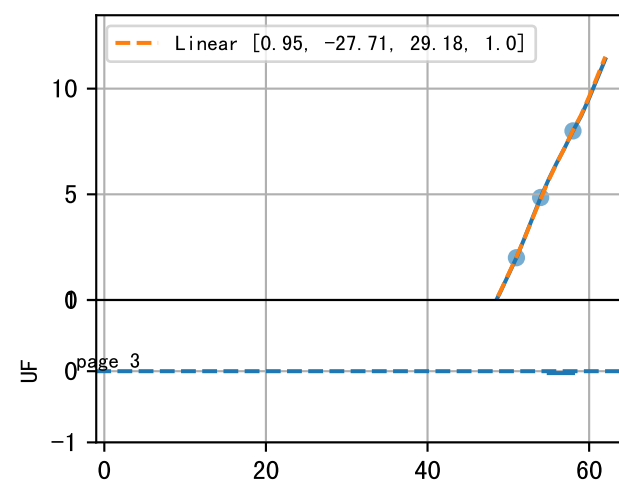
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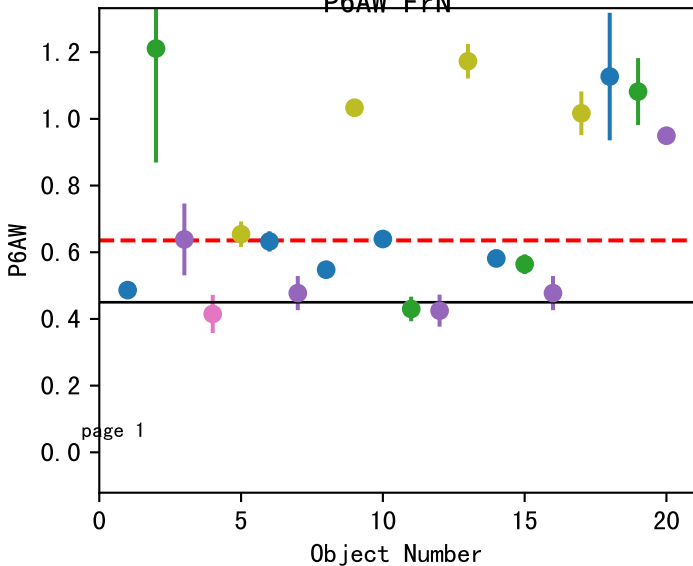
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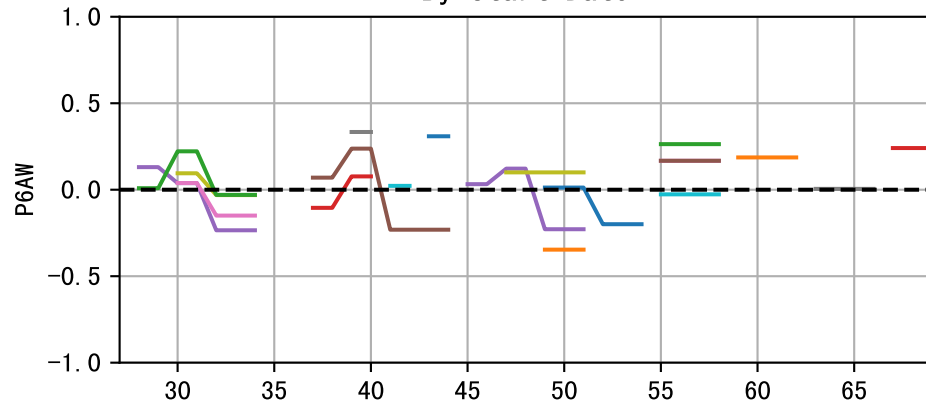
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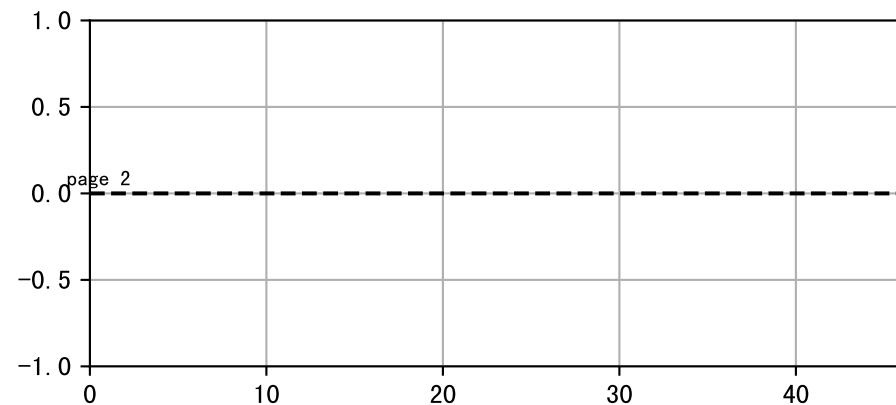
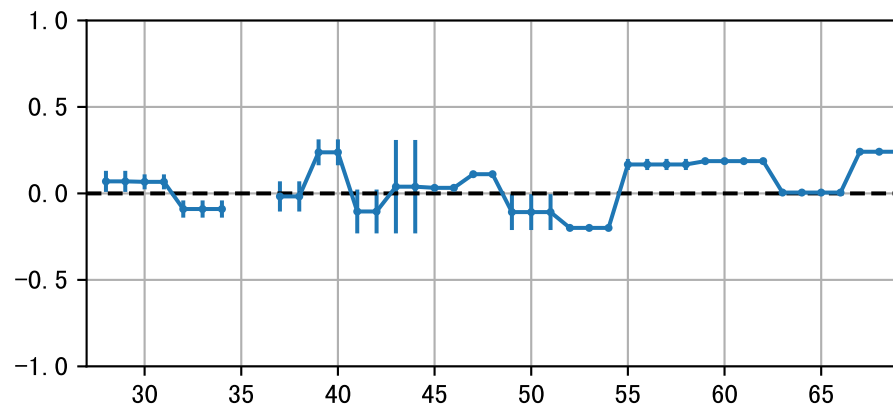
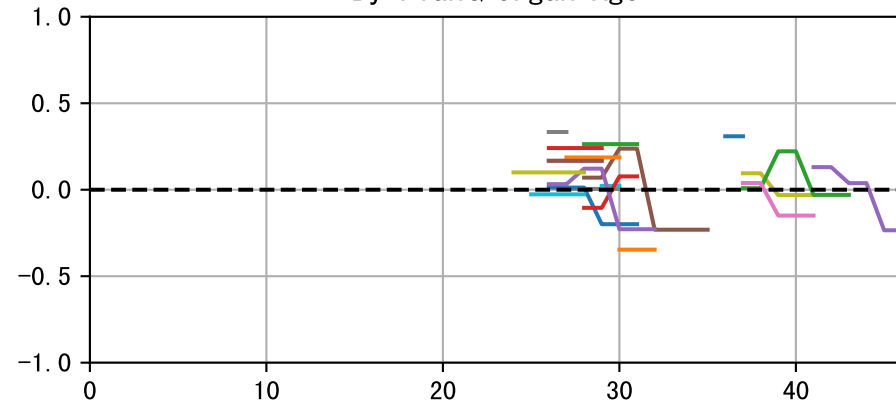
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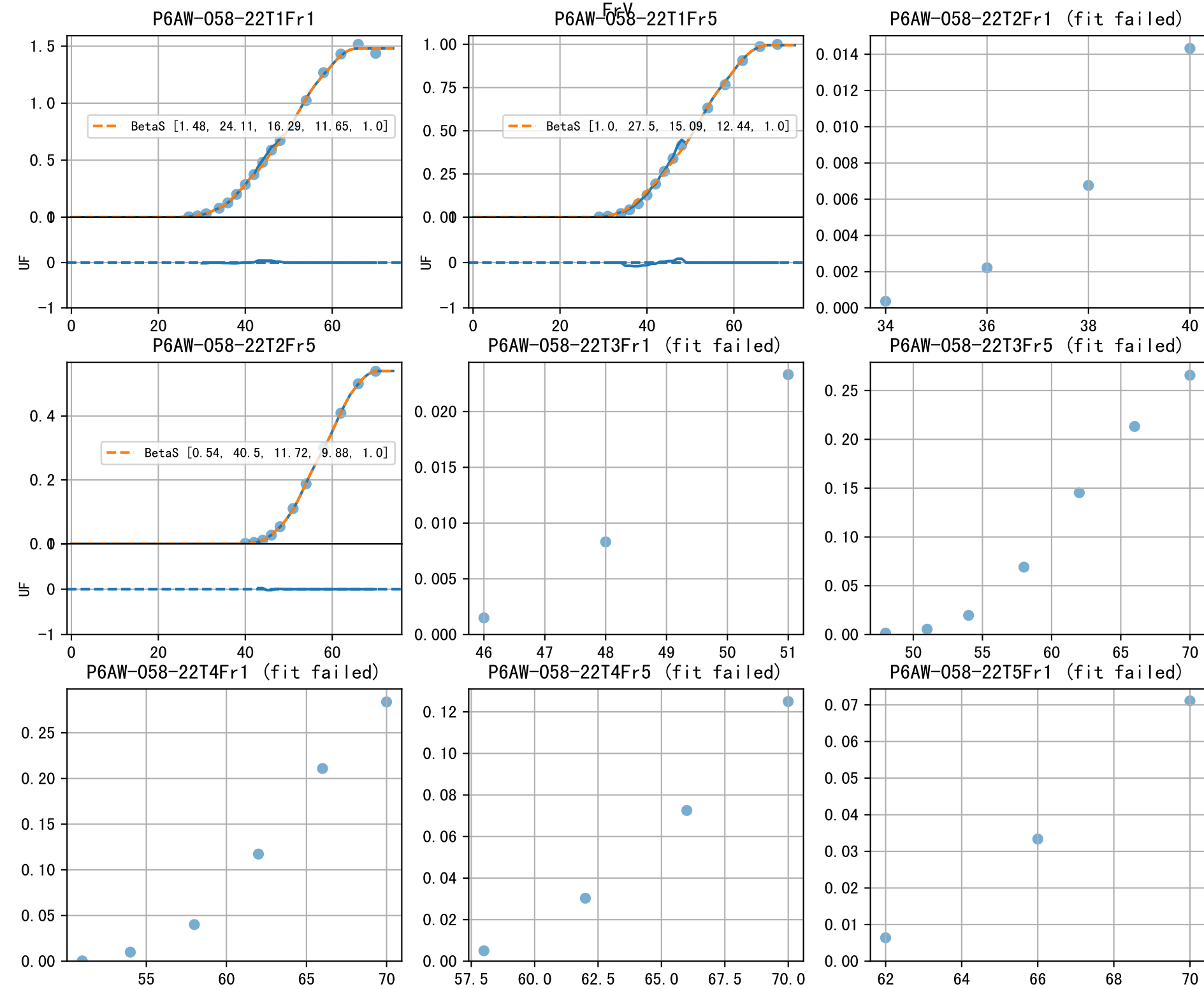


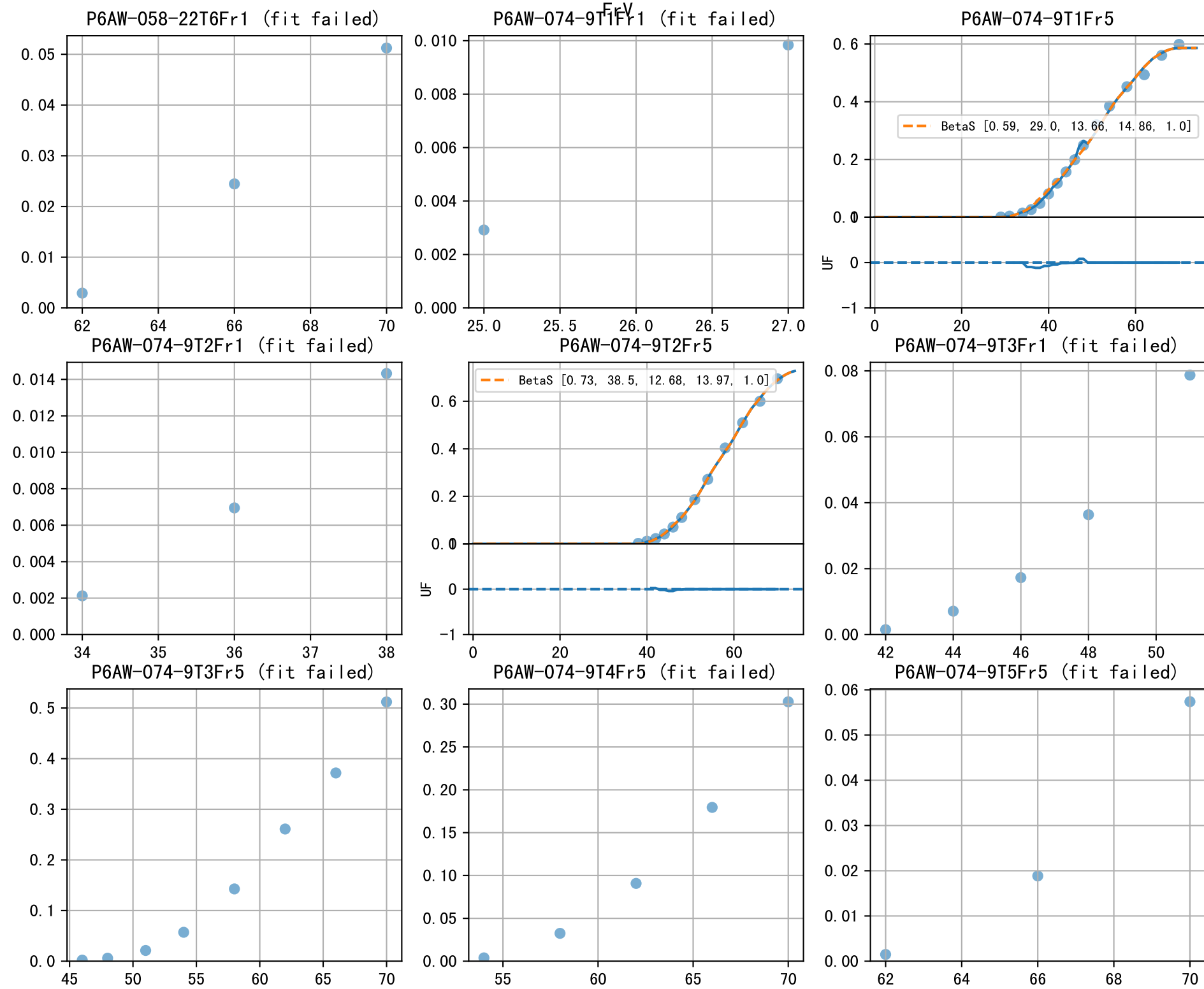
By Start Date

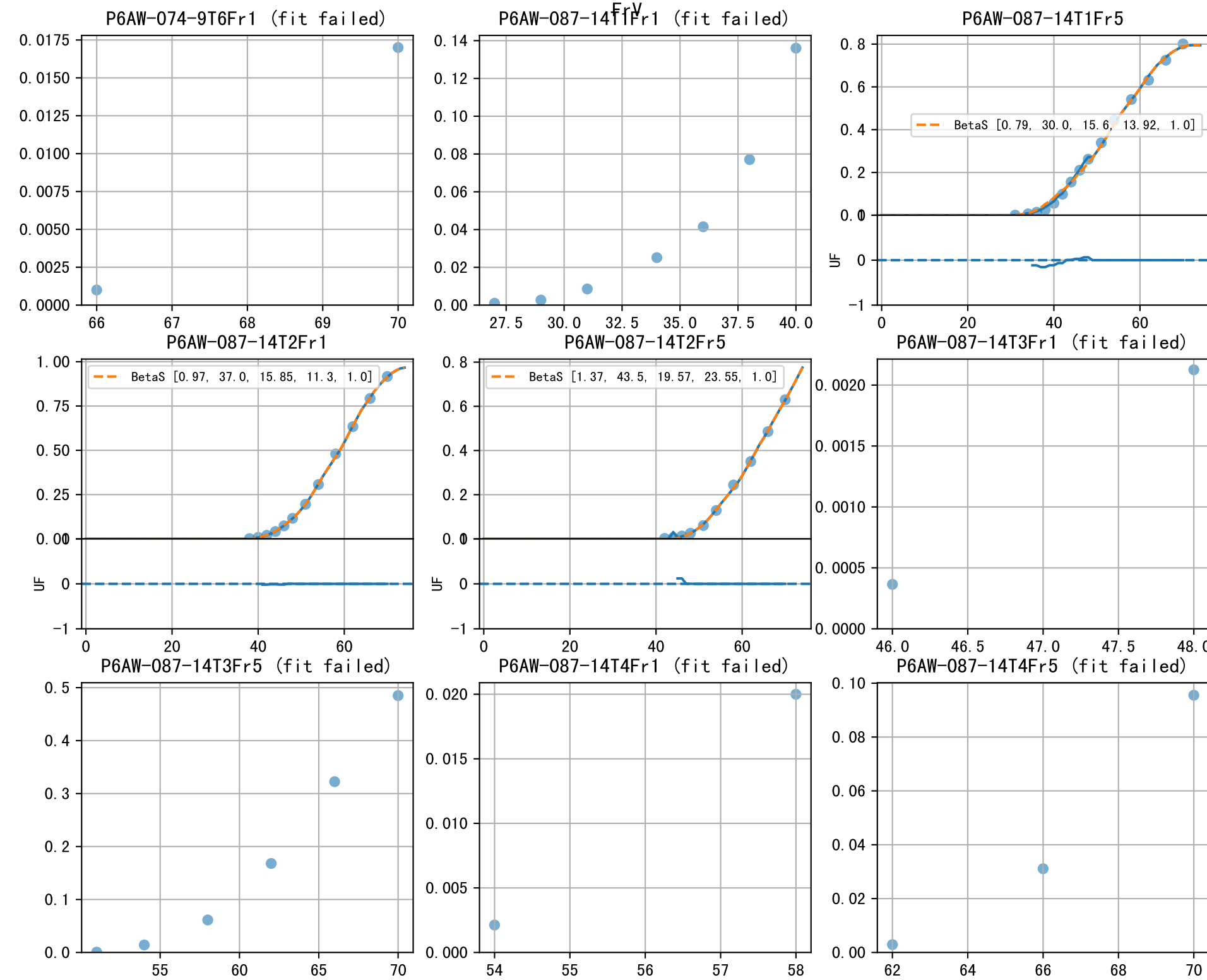


By Plant/Organ Age



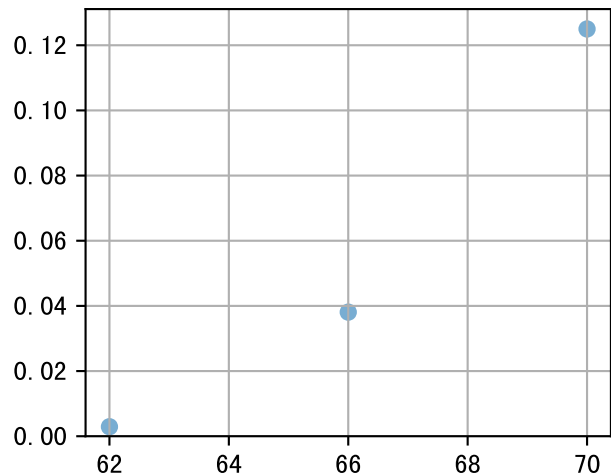




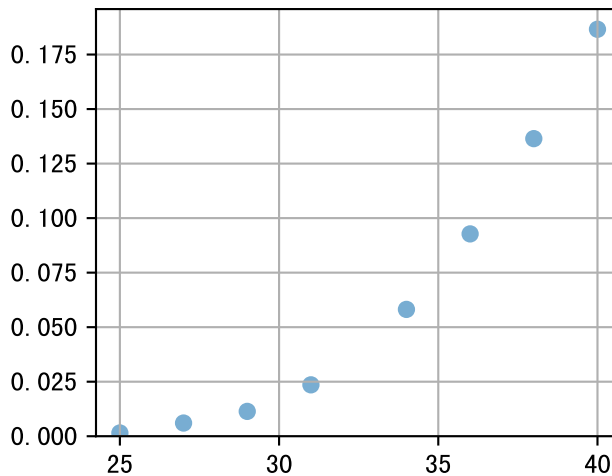


Fr^V

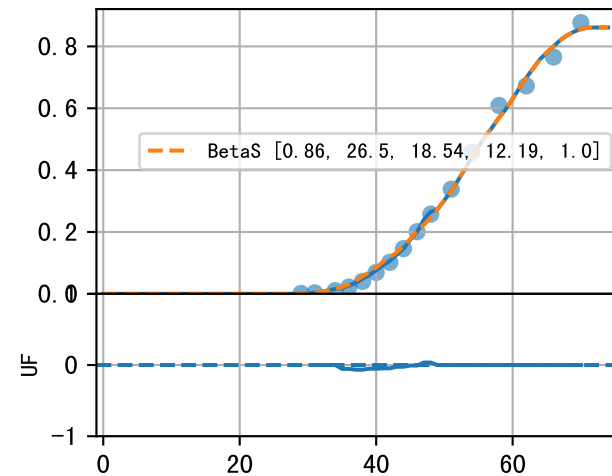
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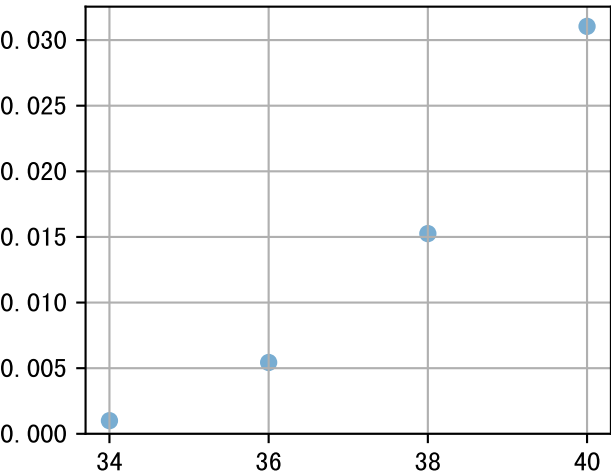
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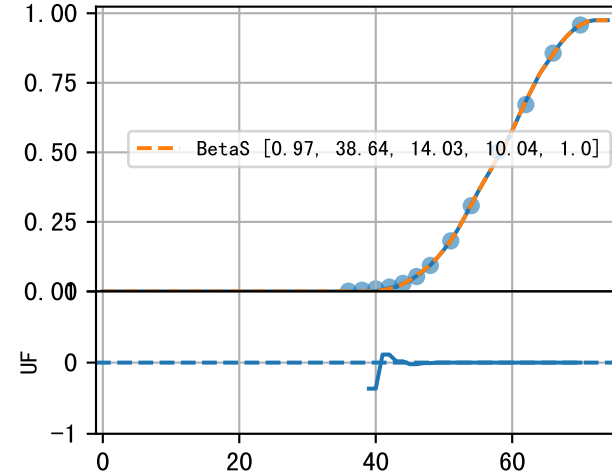
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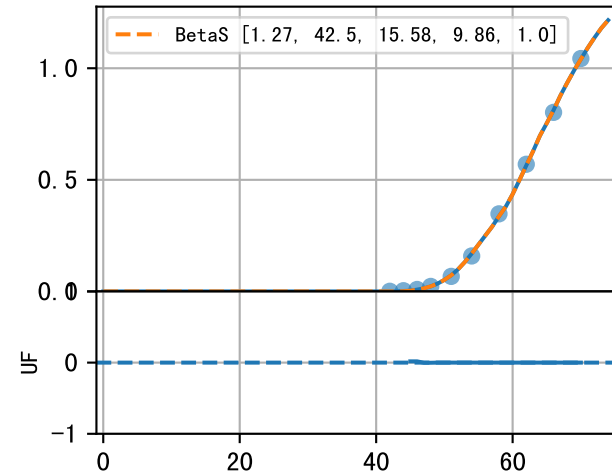
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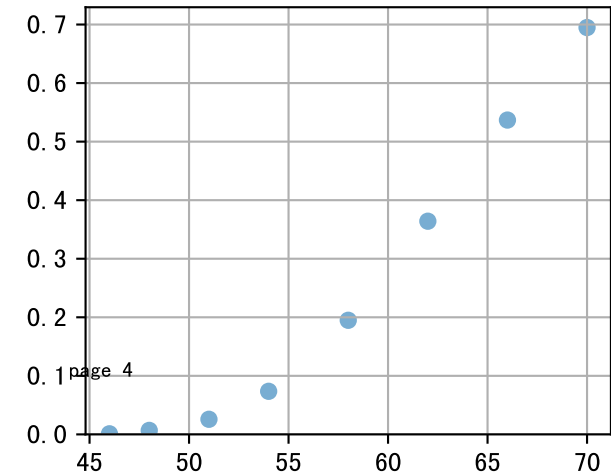
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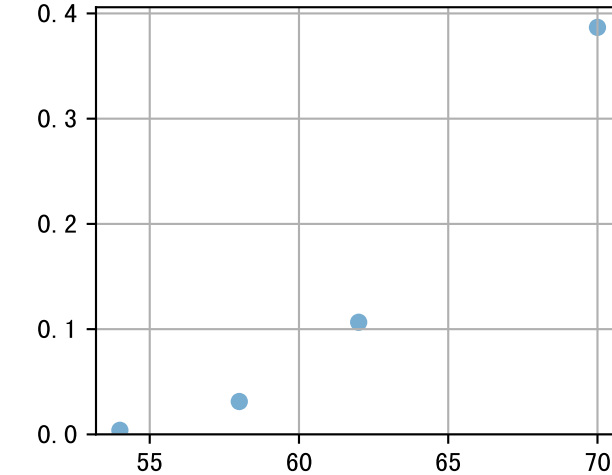
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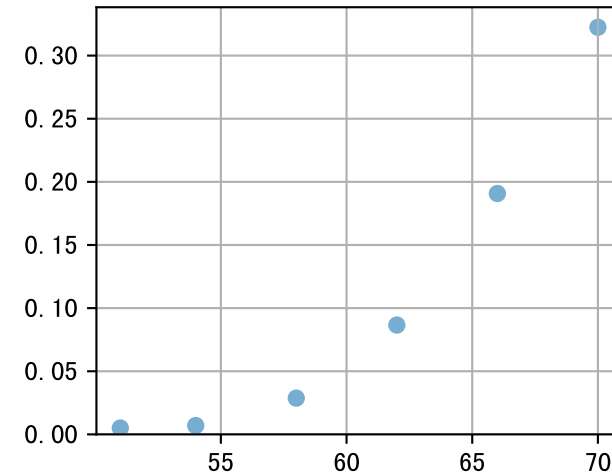
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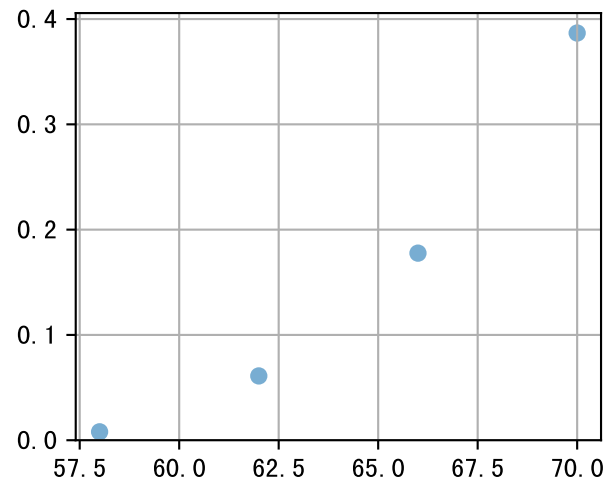


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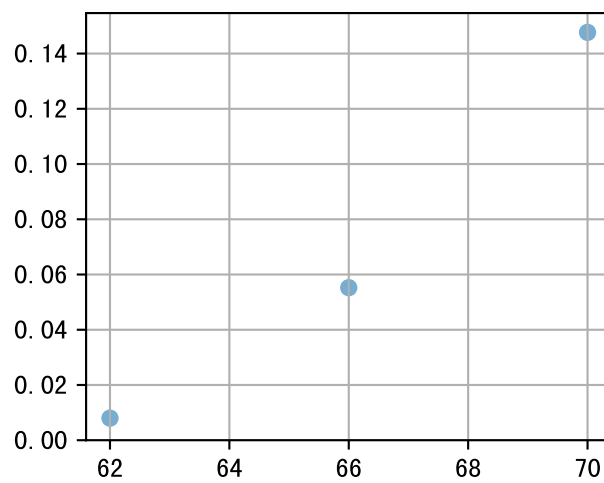


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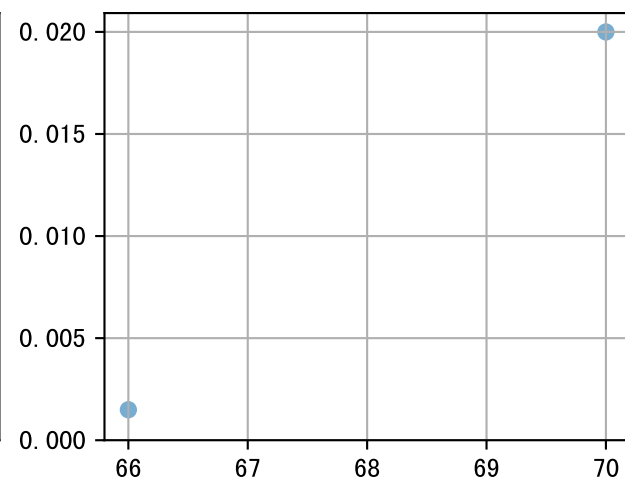
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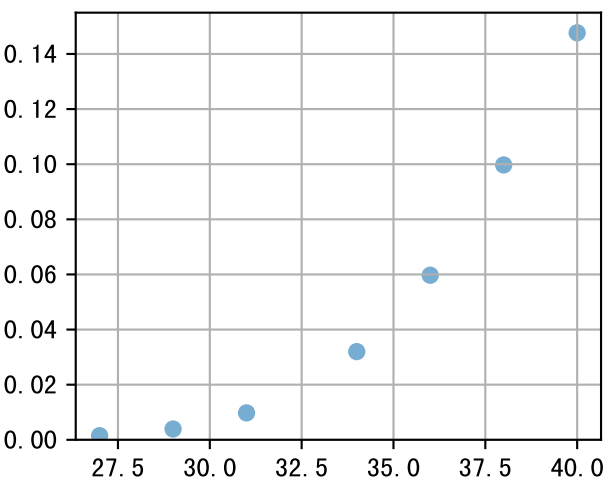
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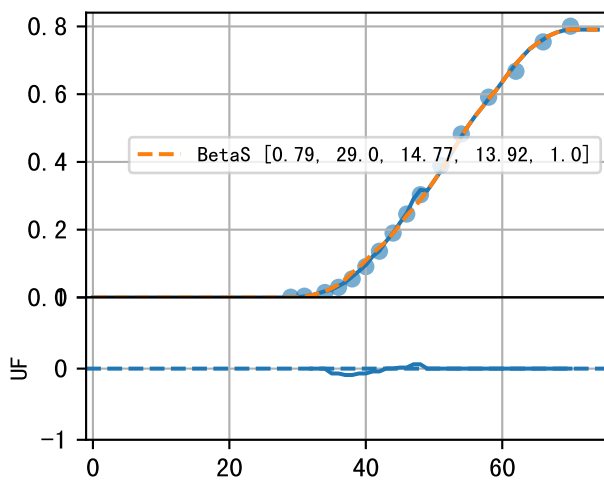
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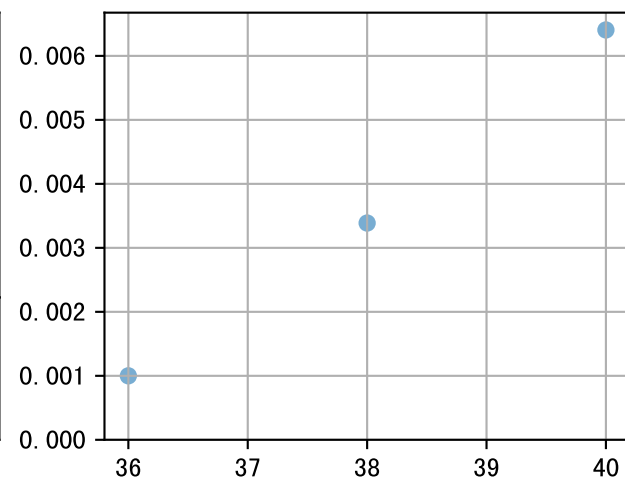
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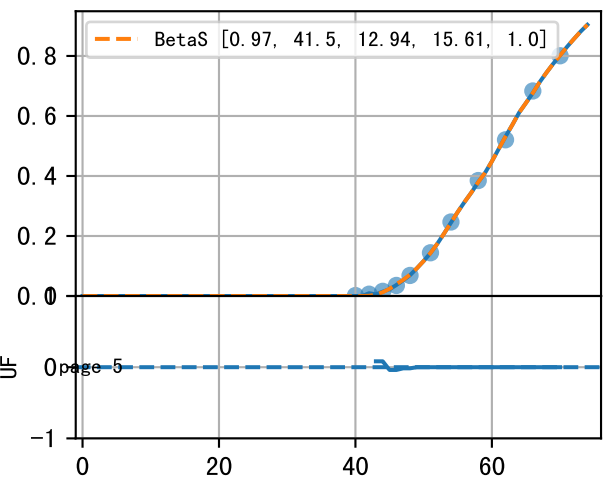
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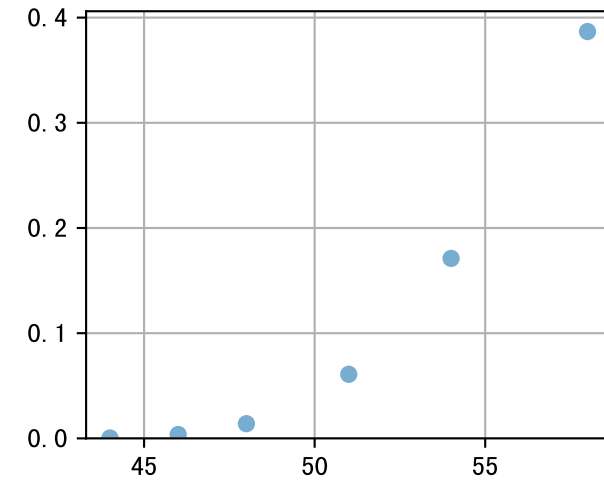
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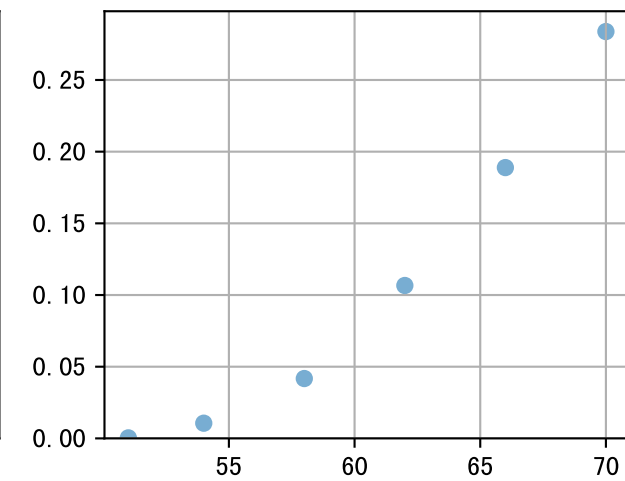
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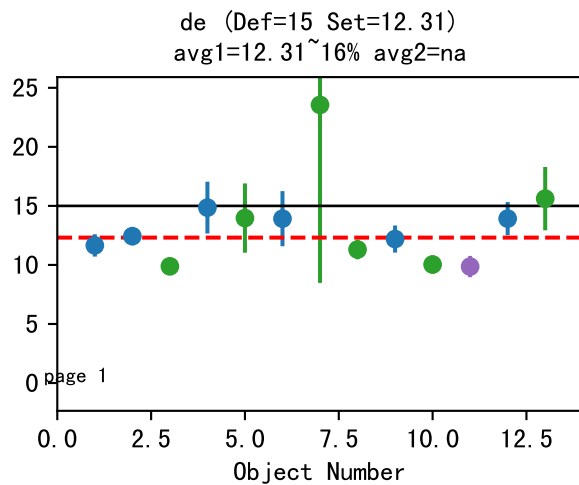
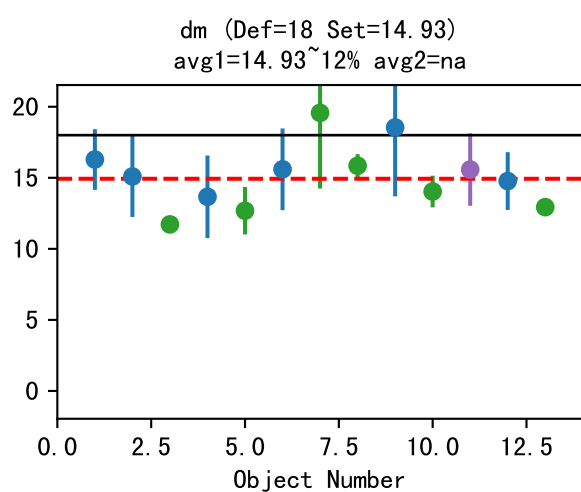
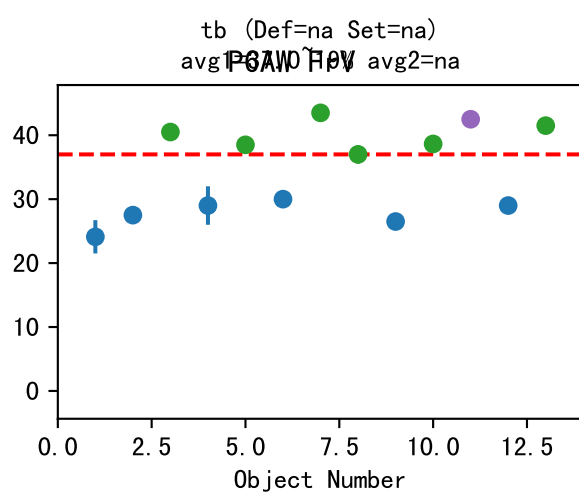
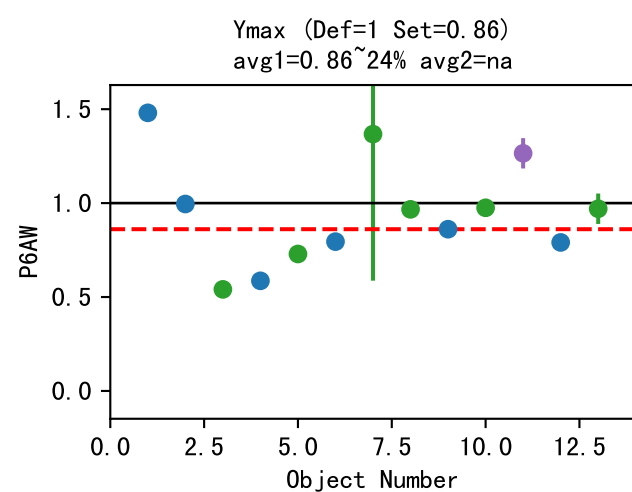
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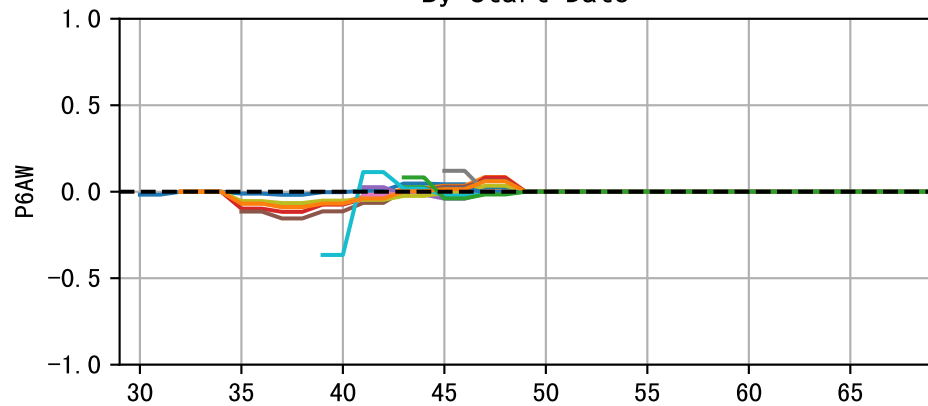
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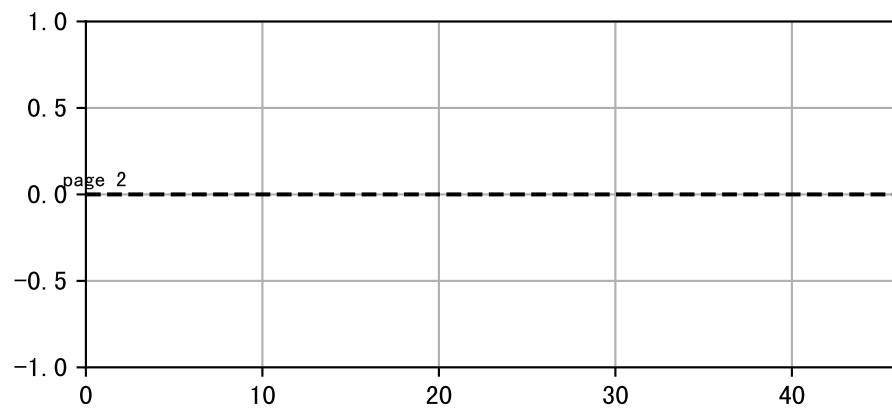
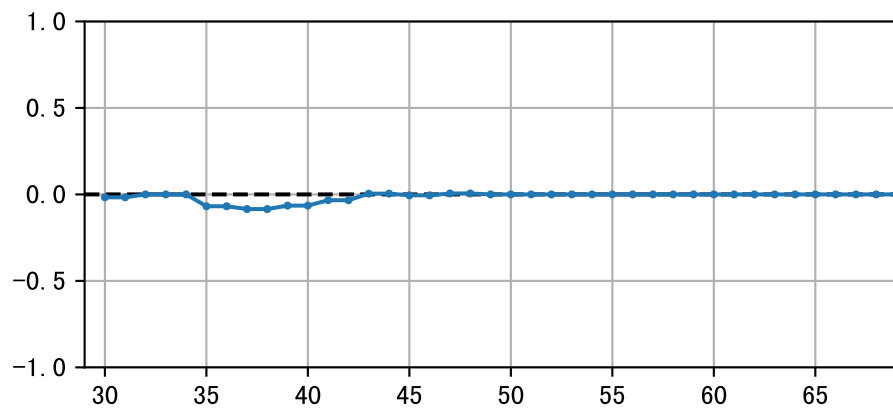
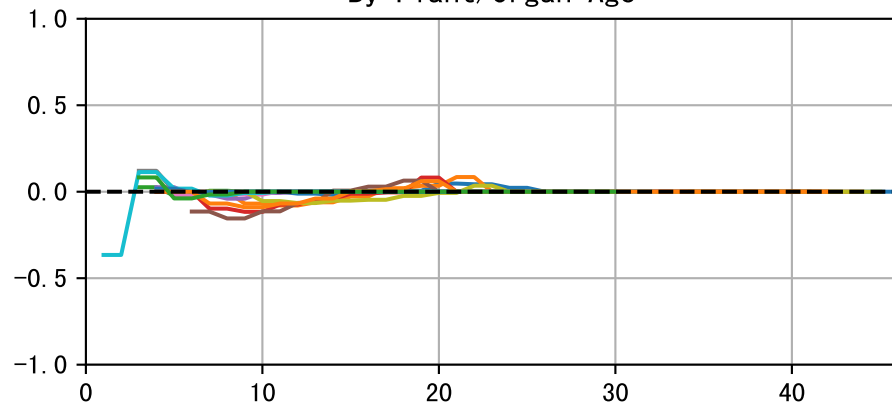




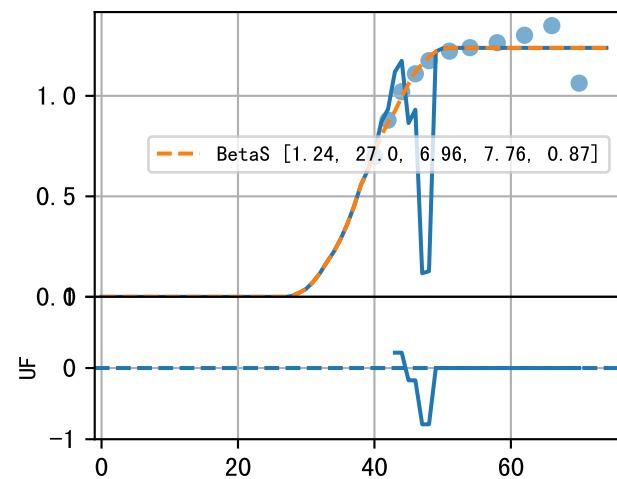
By Start Date



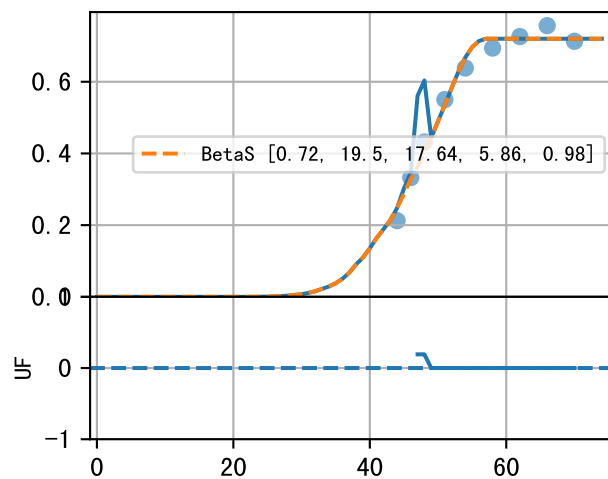
By Plant/Organ Age



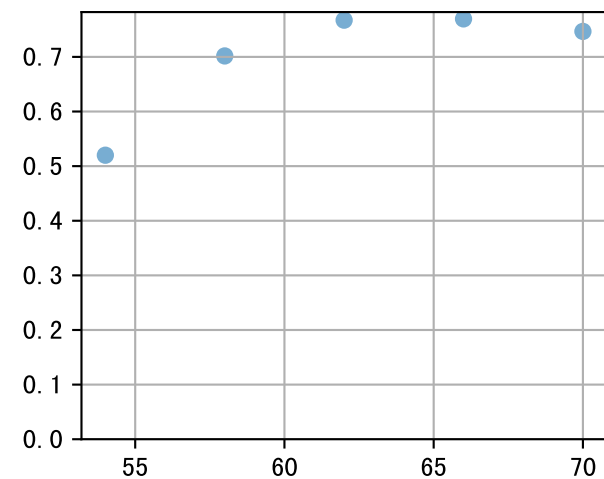
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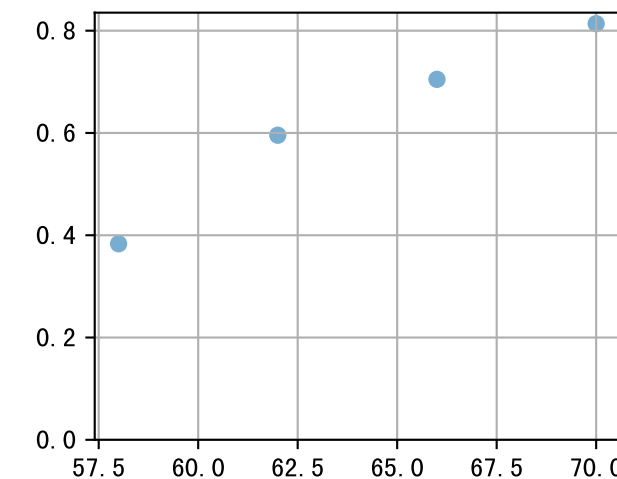
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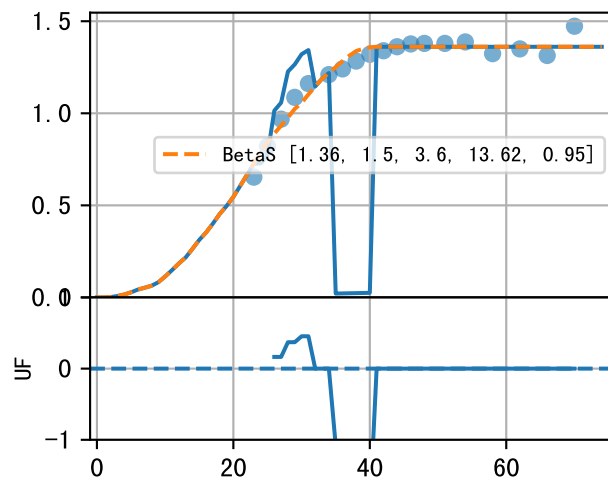
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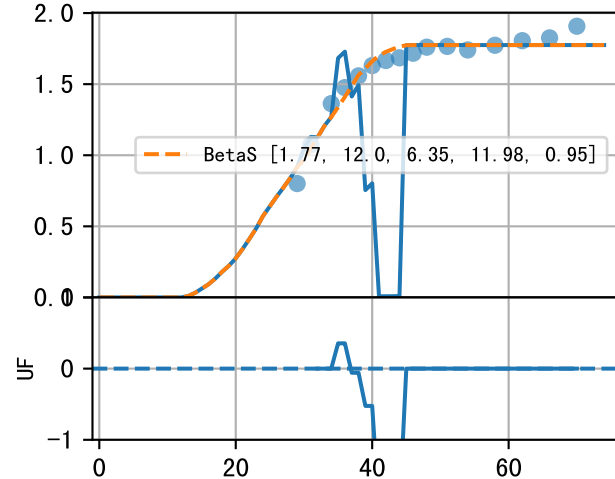
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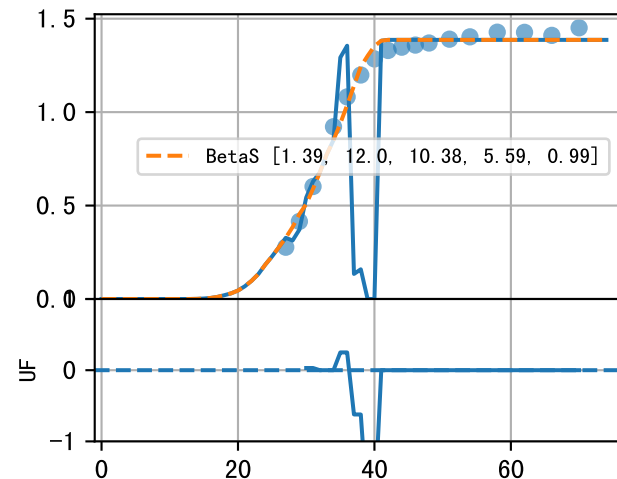
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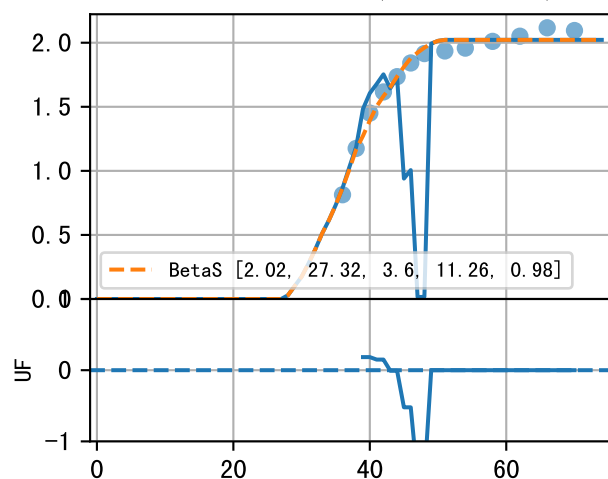
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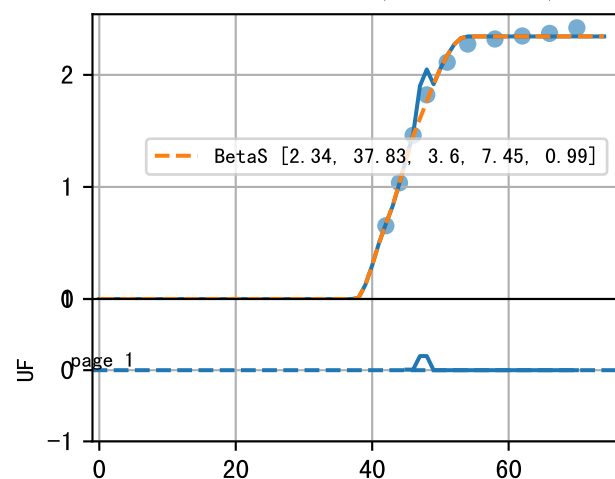
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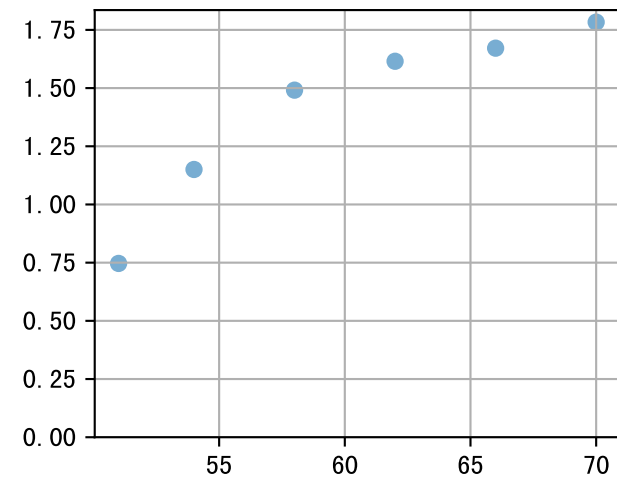
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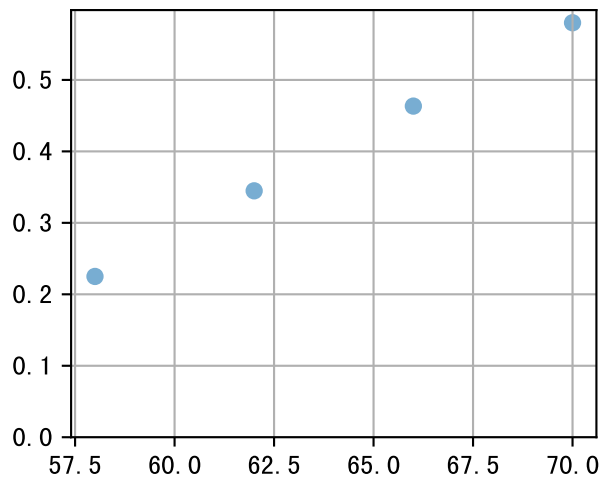
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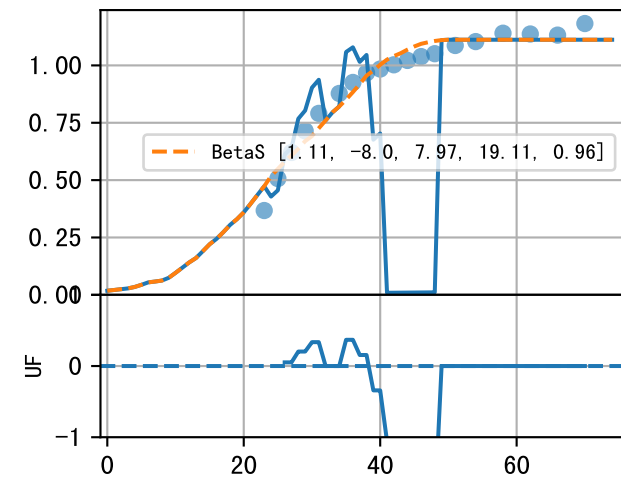
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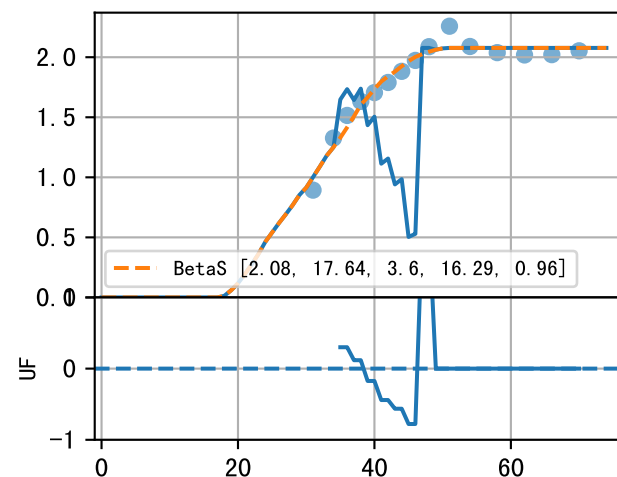
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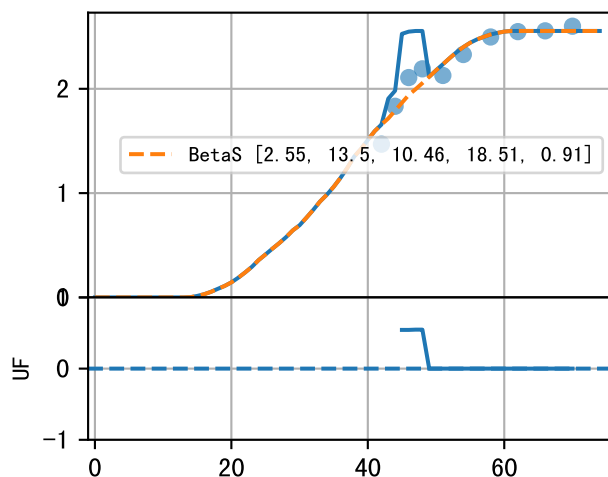
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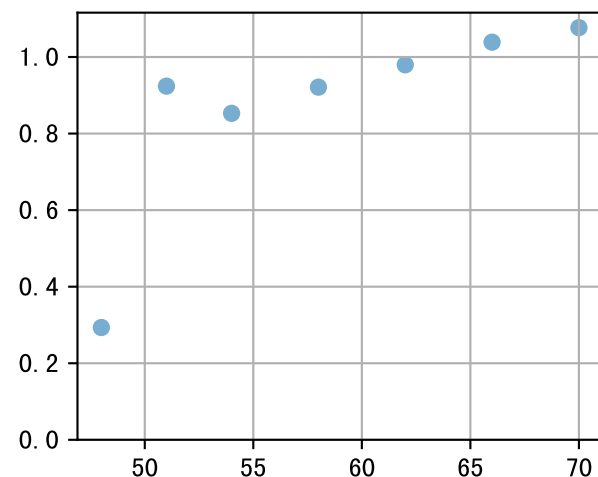
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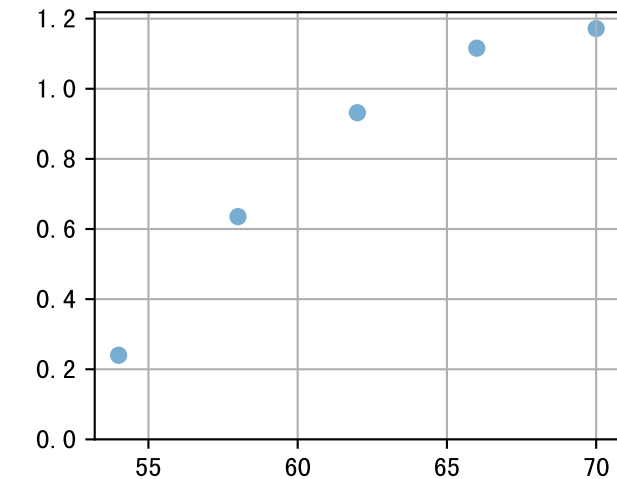
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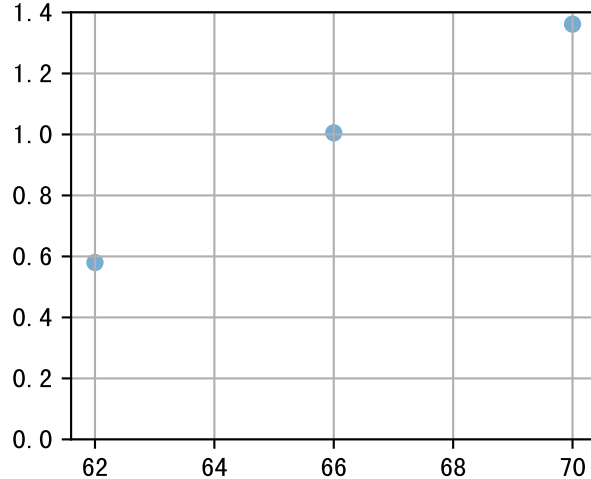
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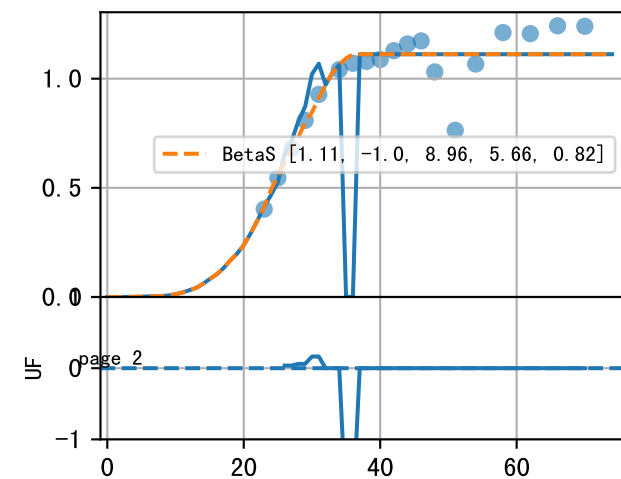
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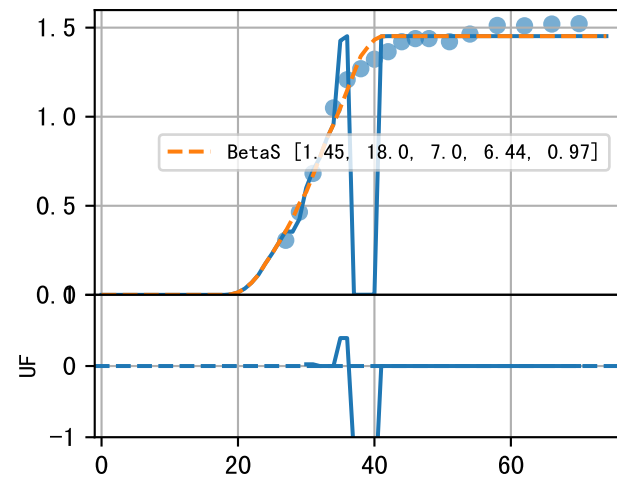
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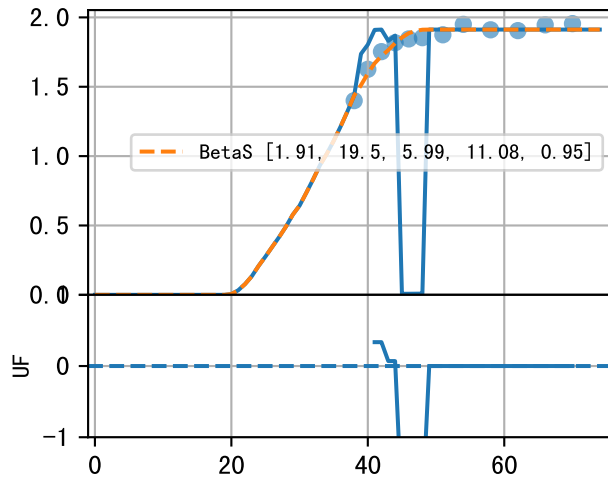
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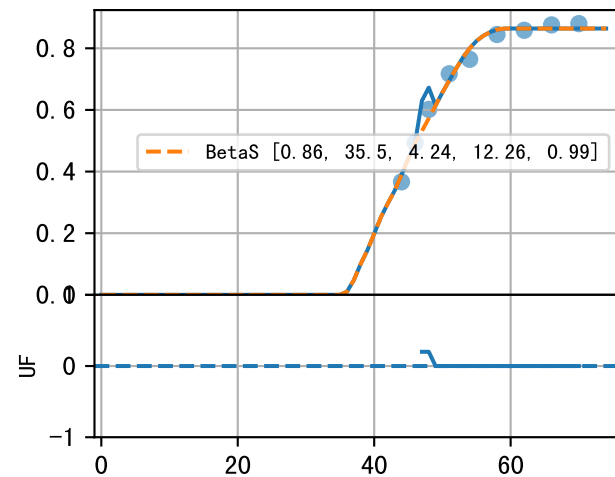
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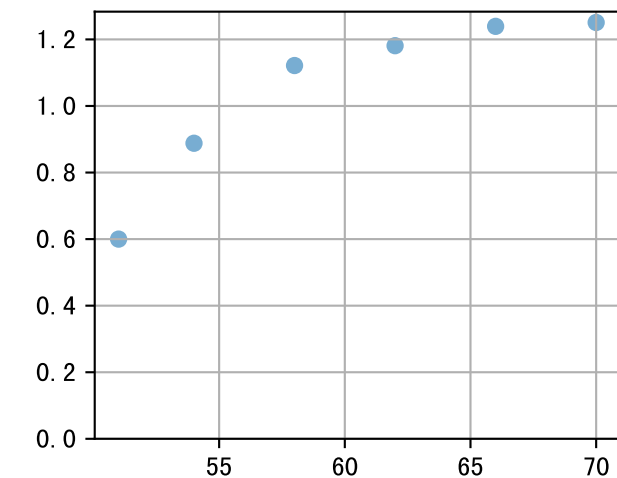
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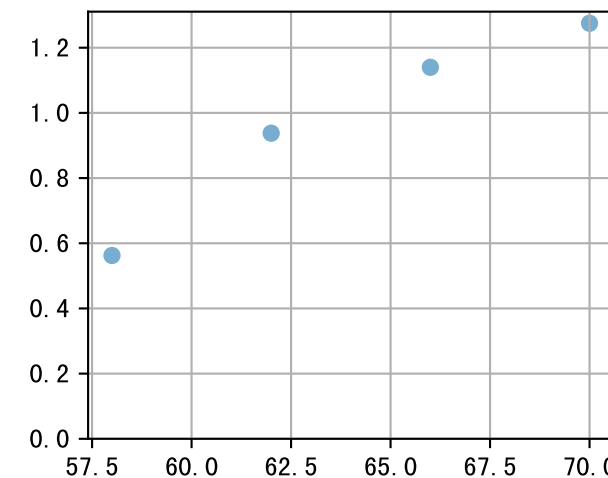
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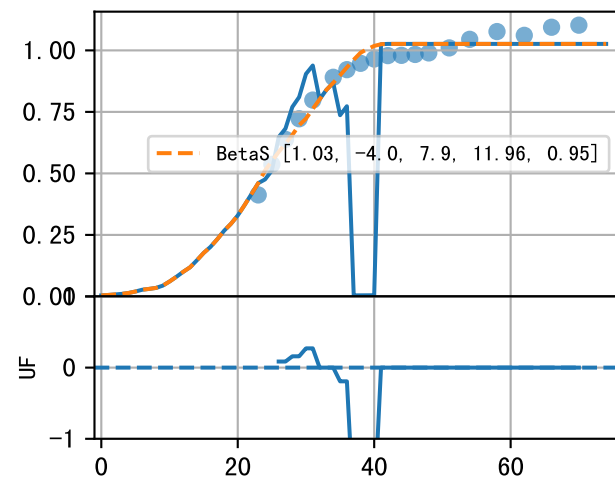
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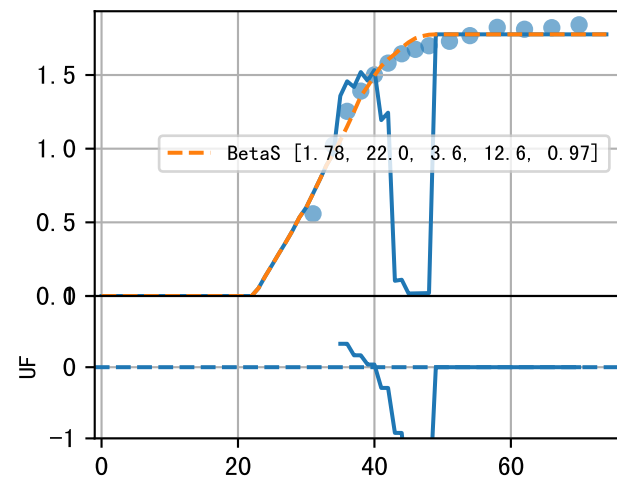
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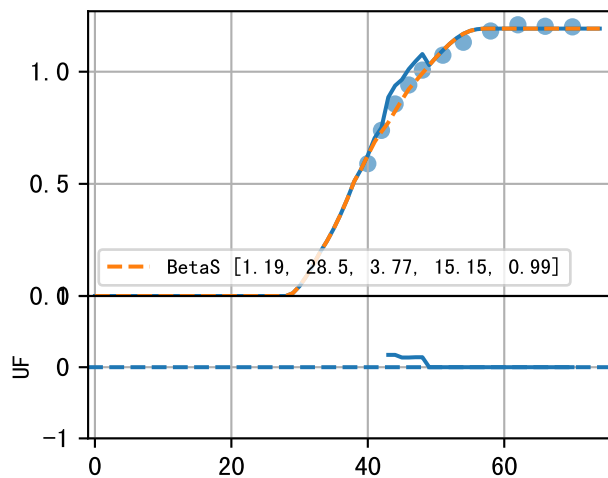
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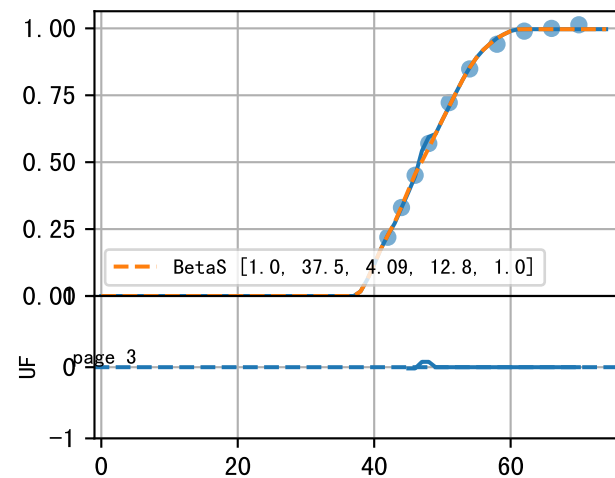
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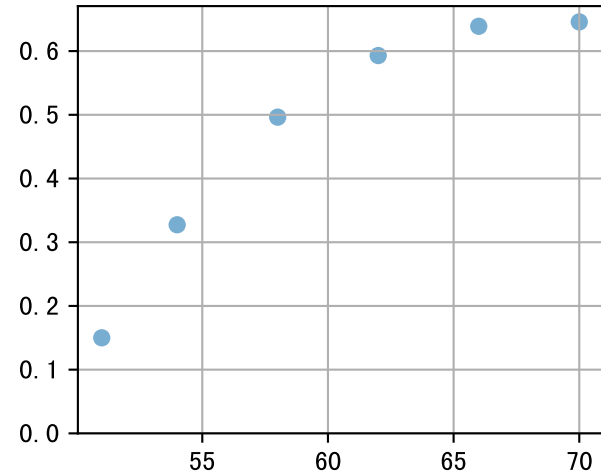
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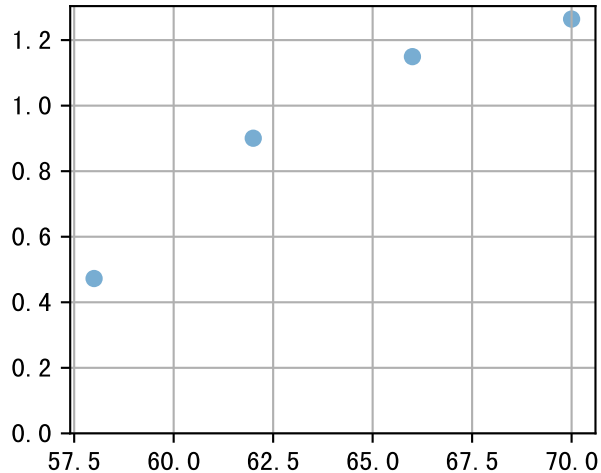
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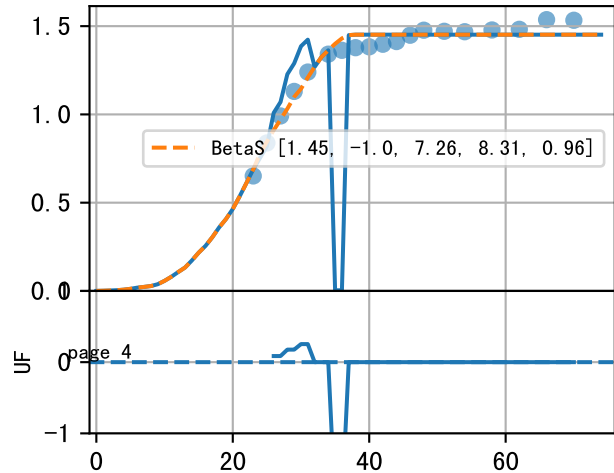
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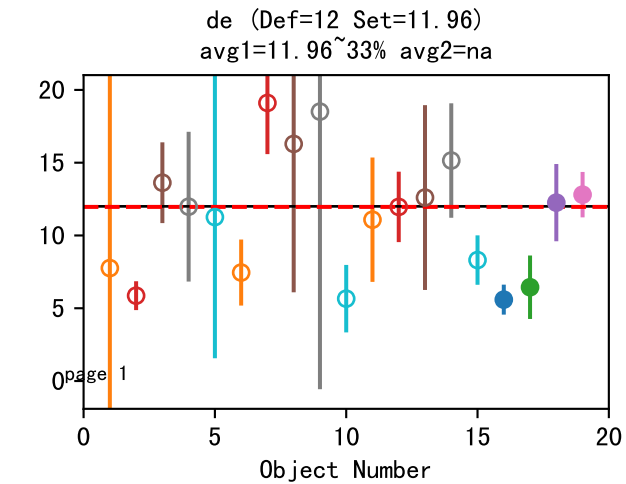
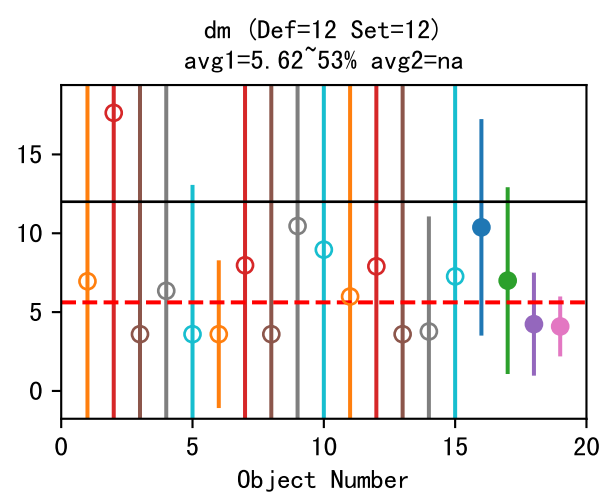
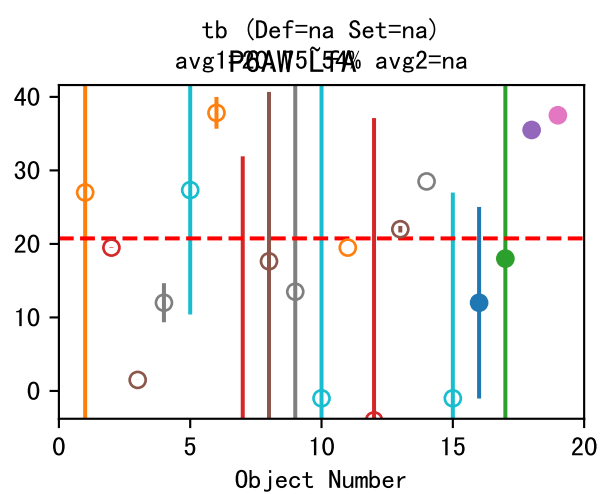
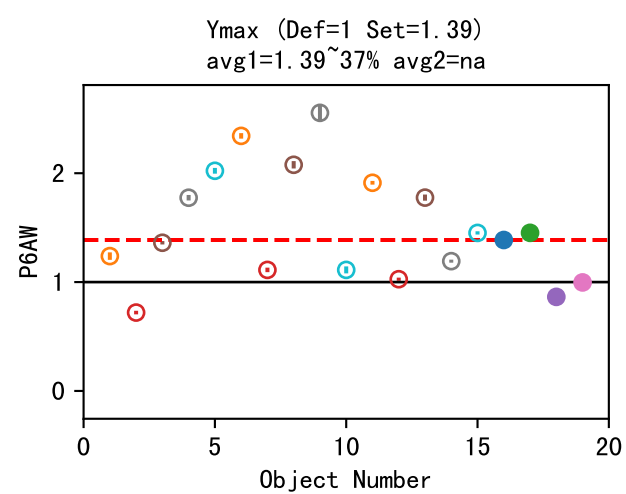


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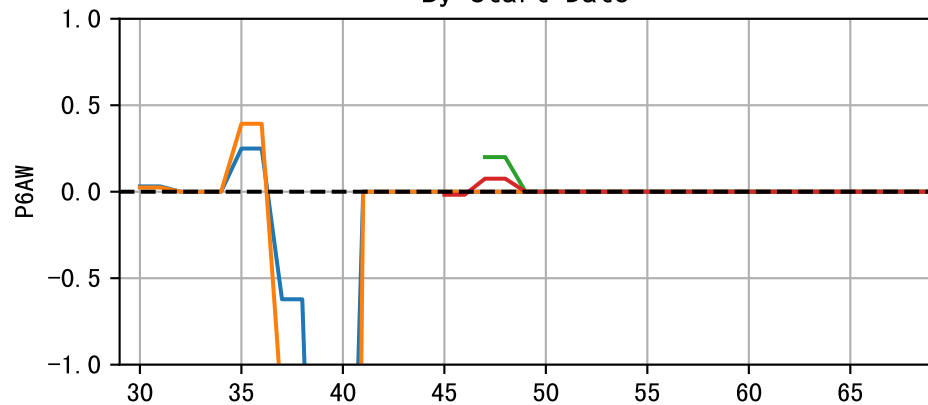


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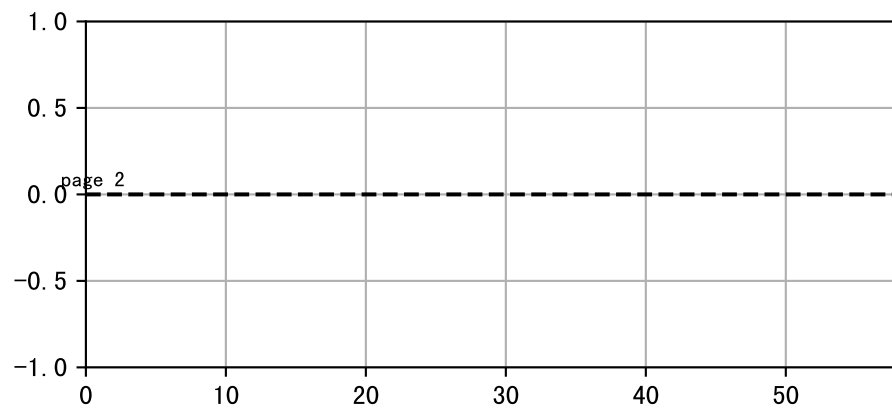
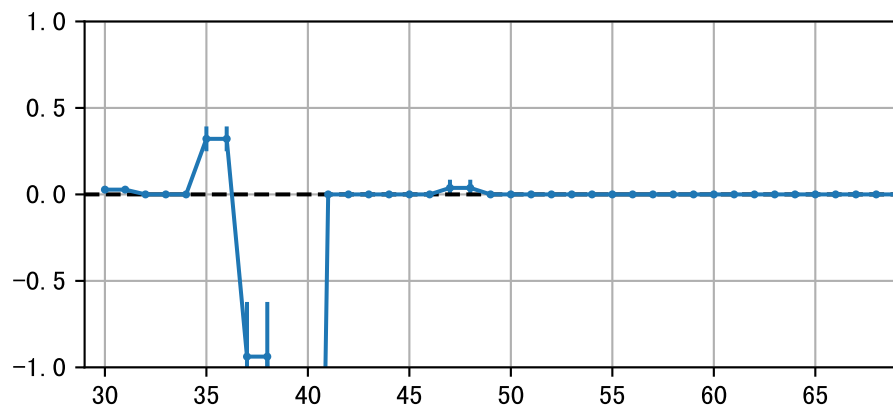
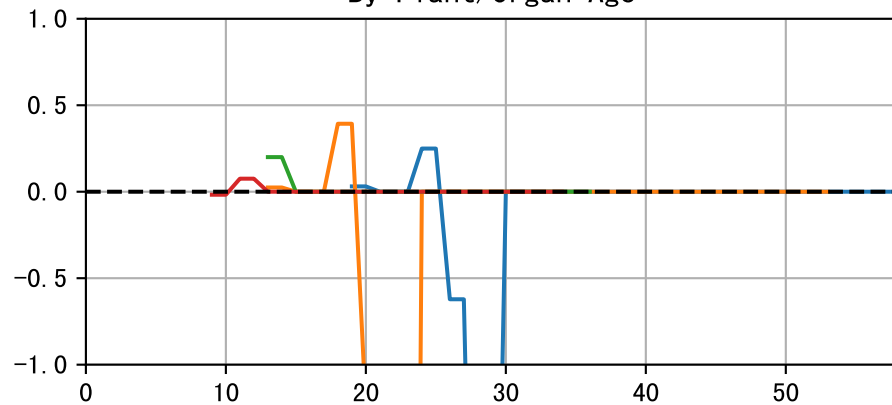


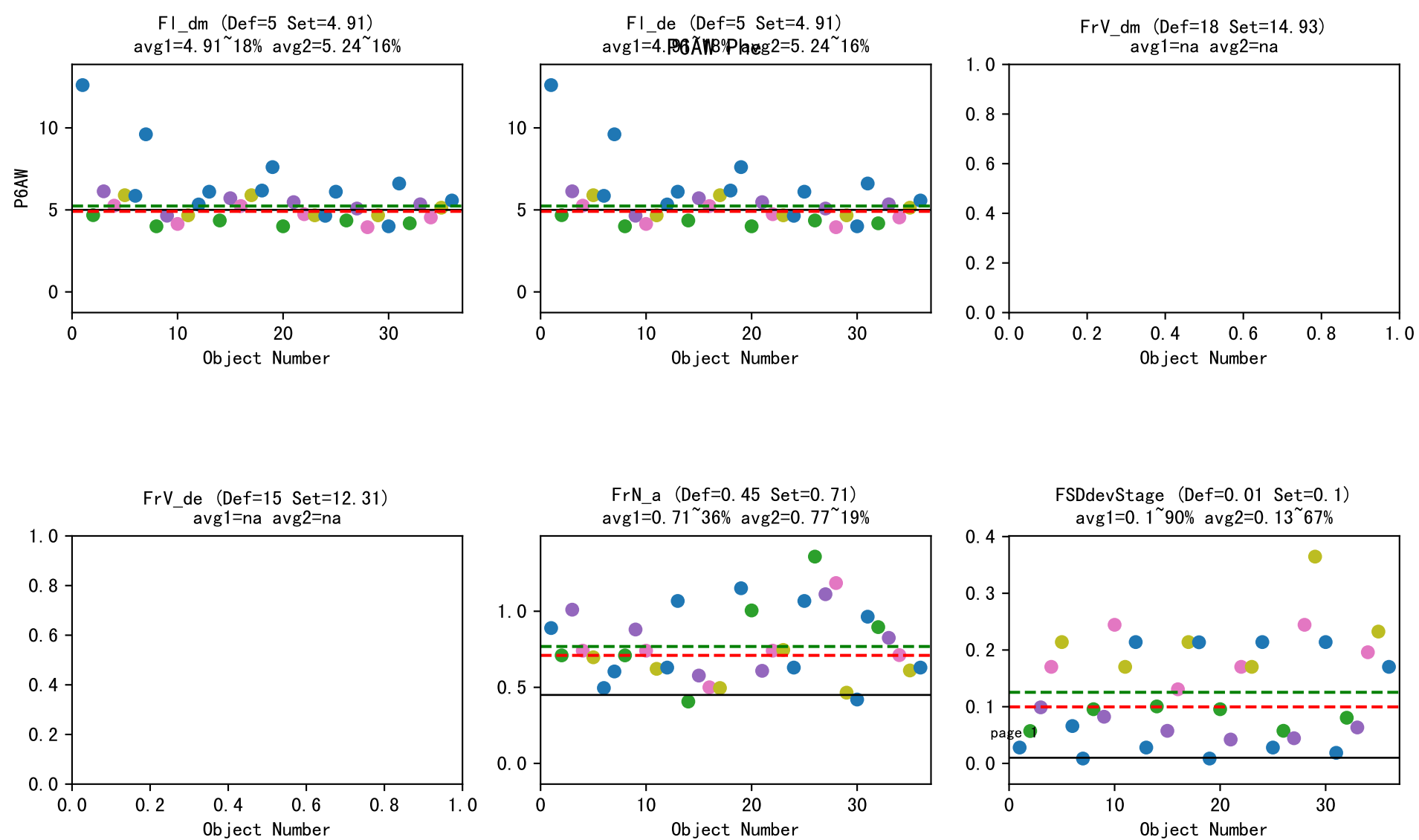


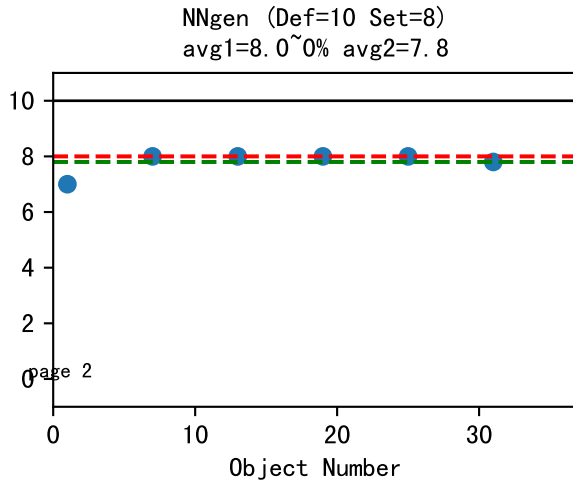
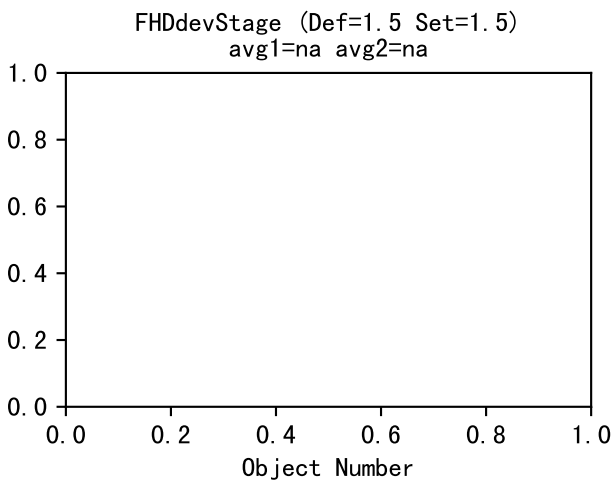
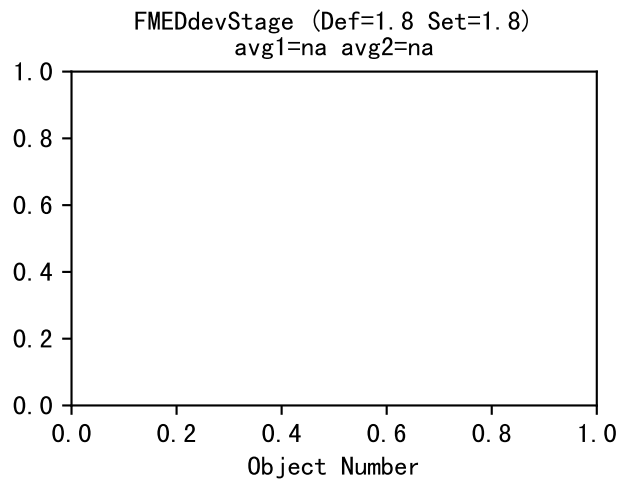
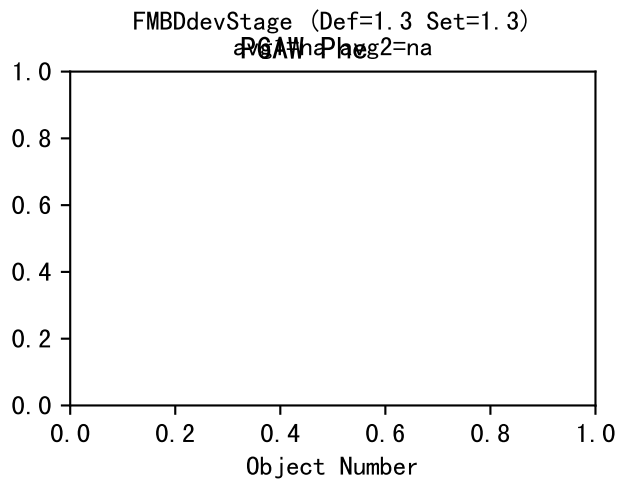
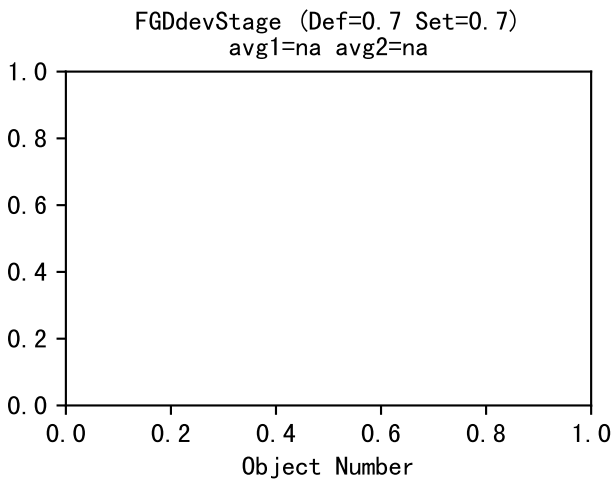
By Start Date



By Plant/Organ Age

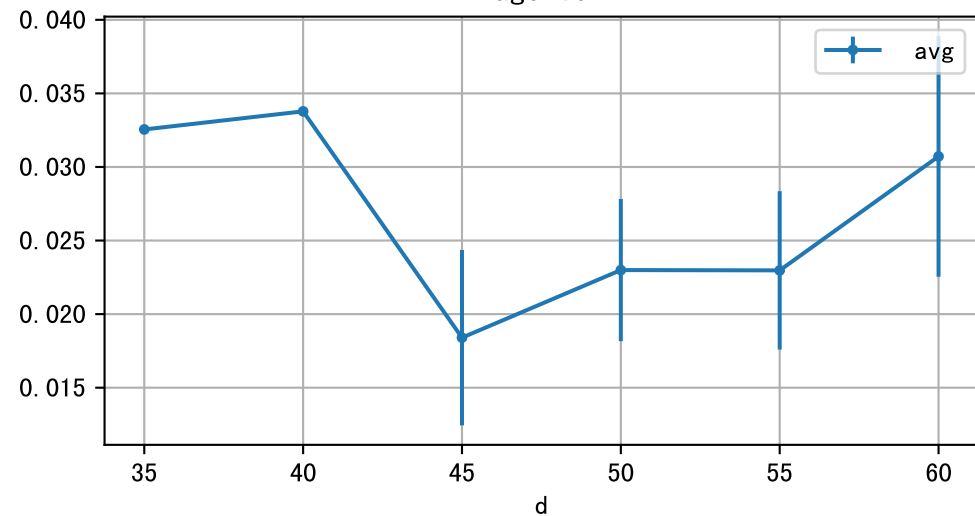




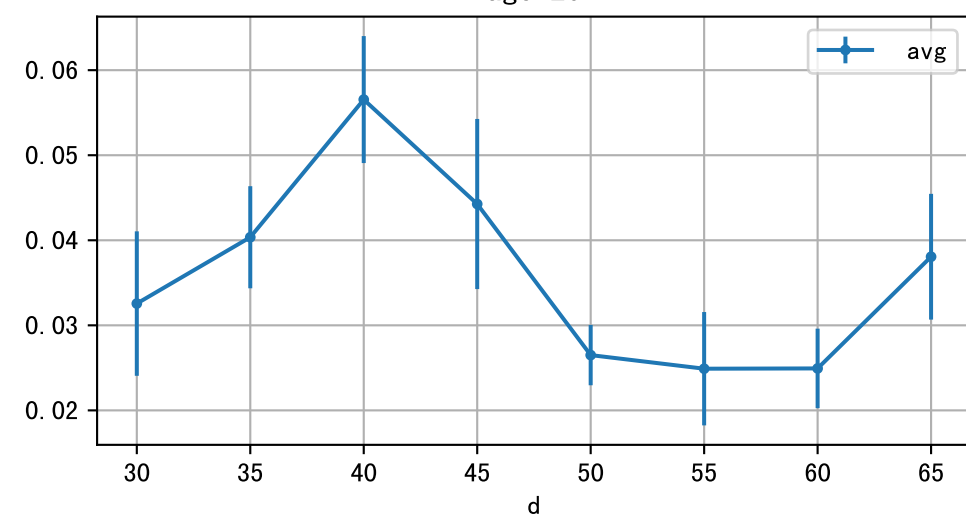


LfA: avg vs. d at each age group

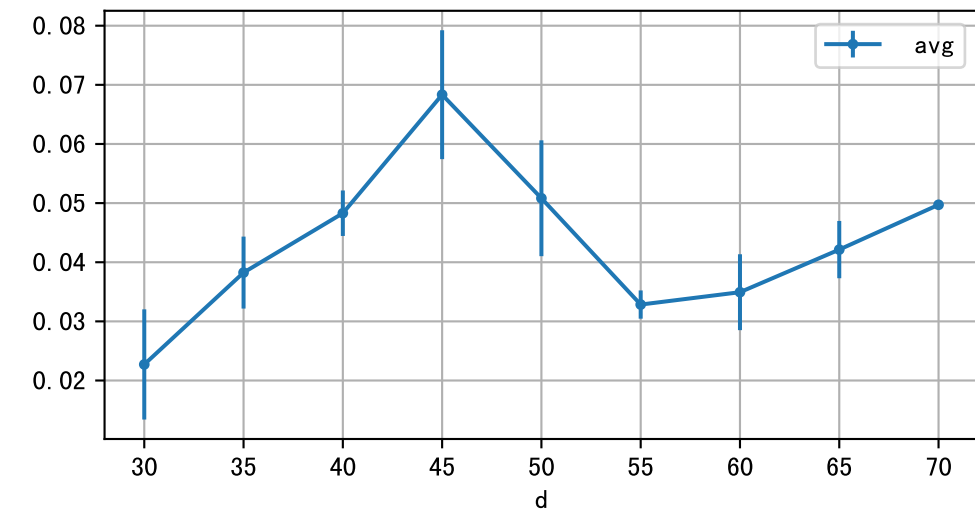
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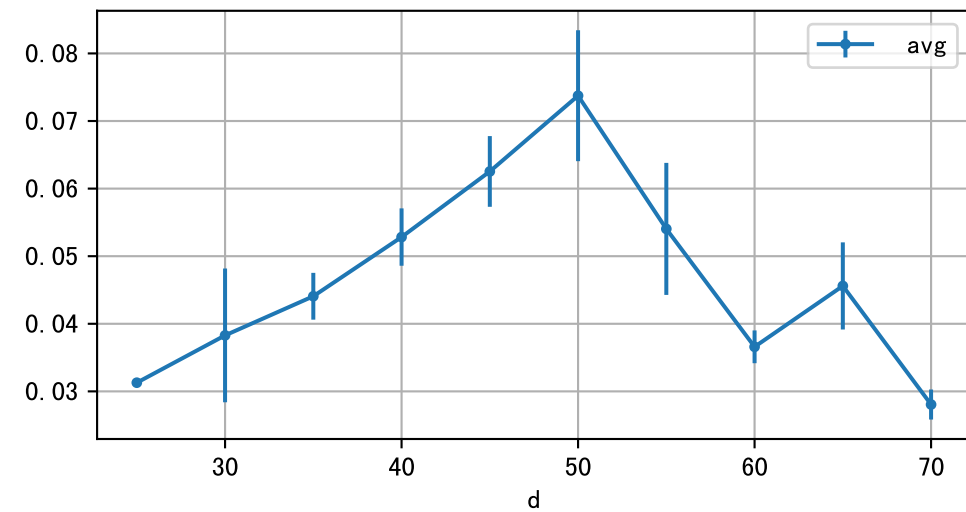
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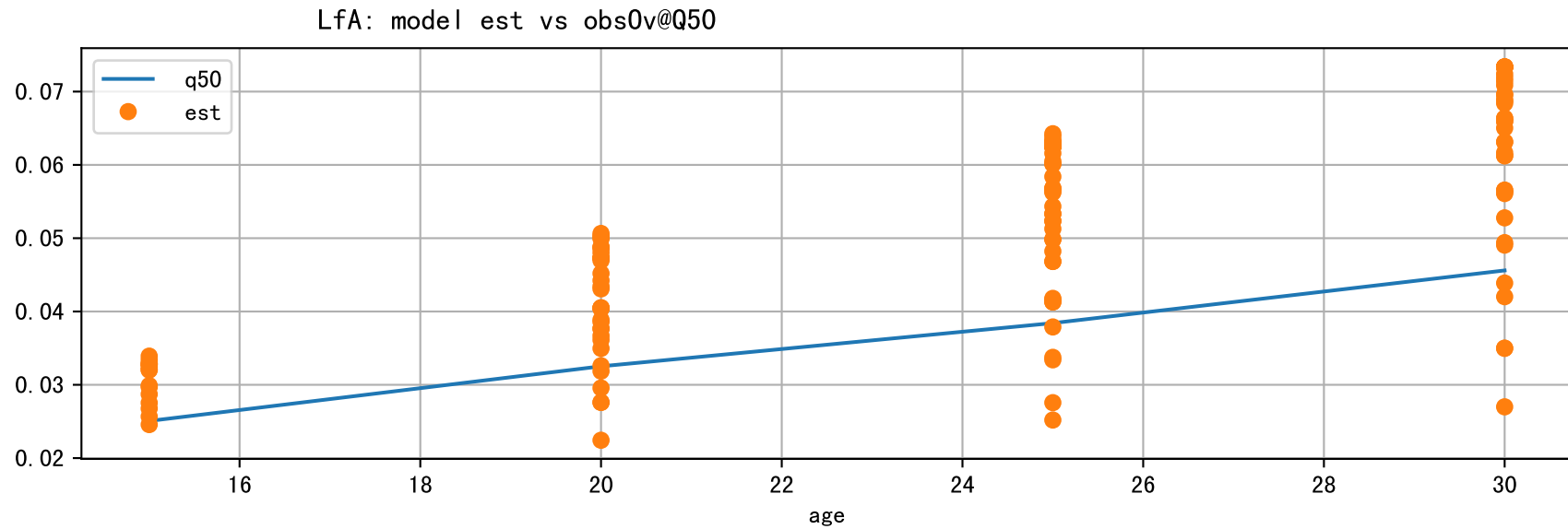


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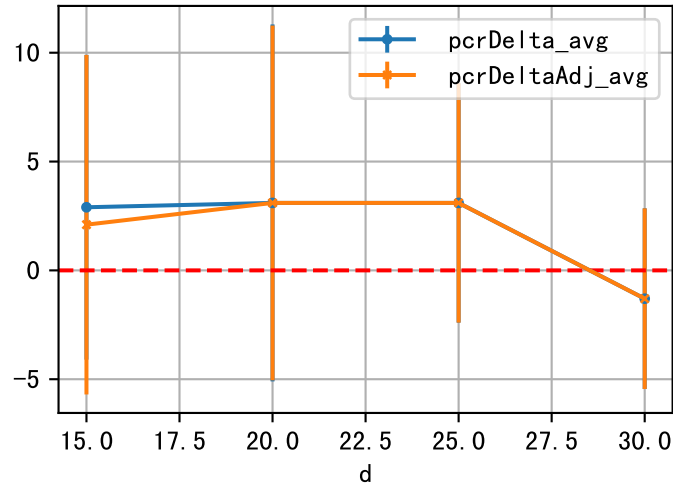


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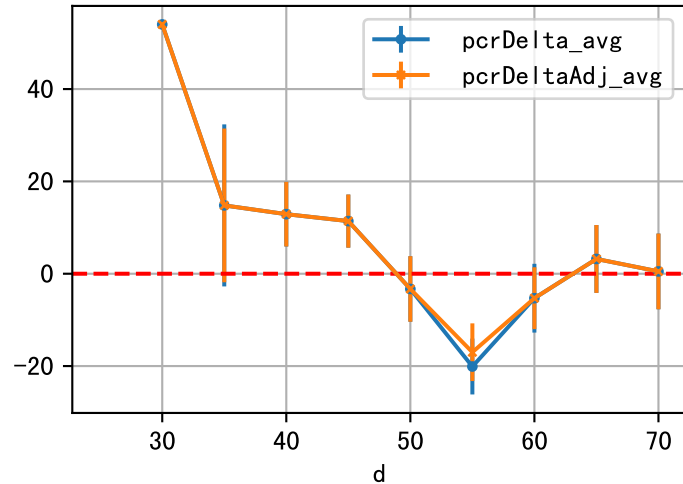




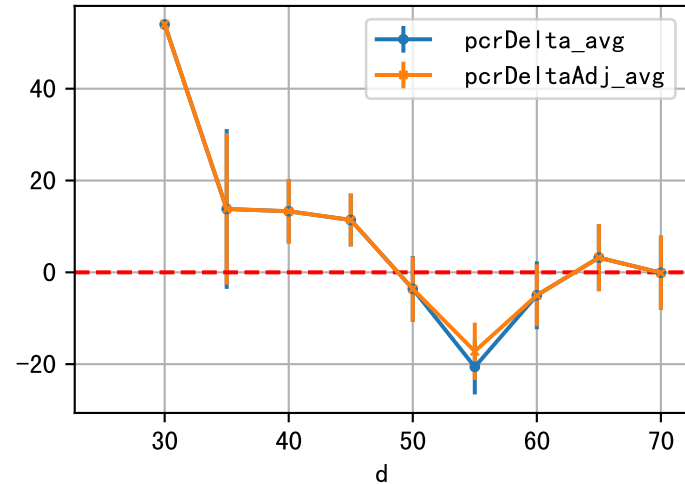
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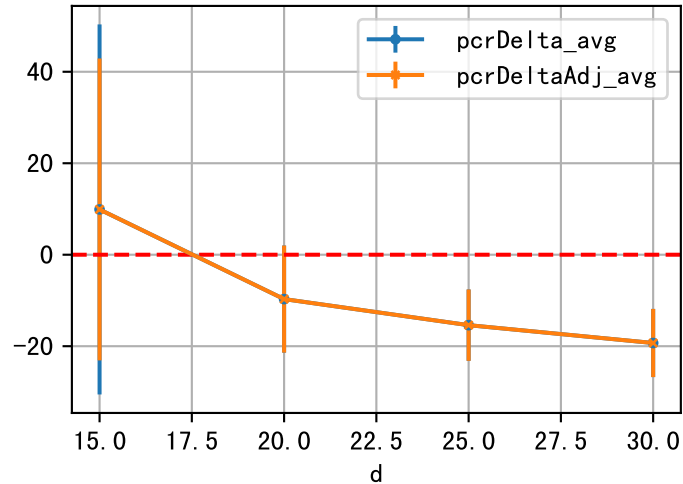
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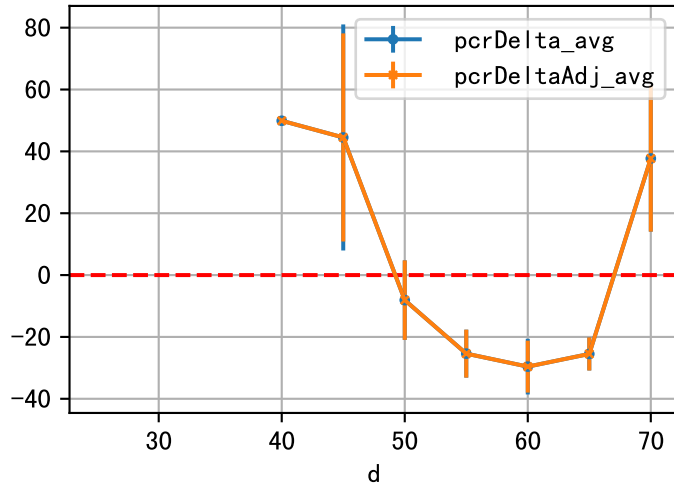
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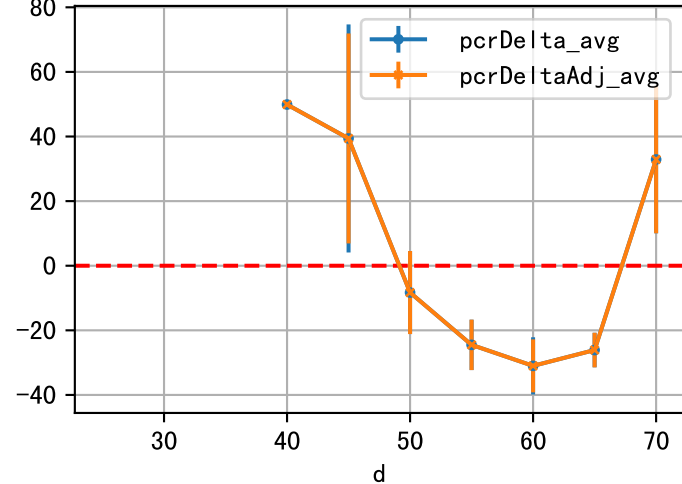
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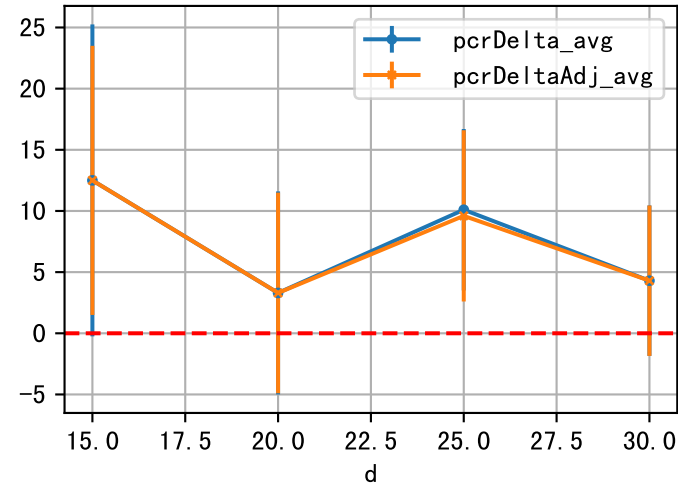
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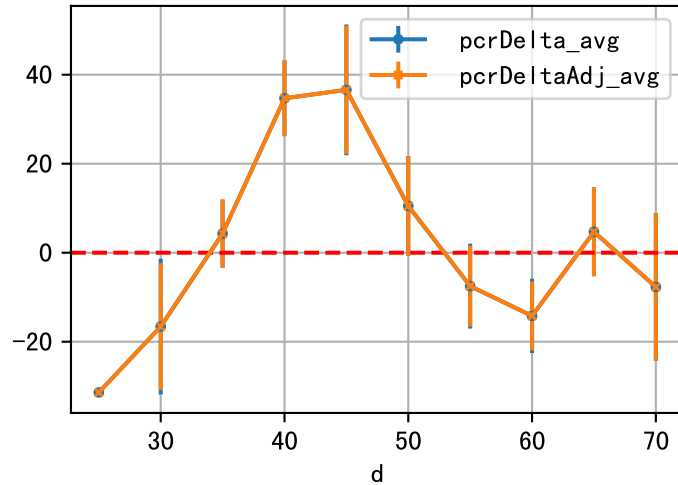
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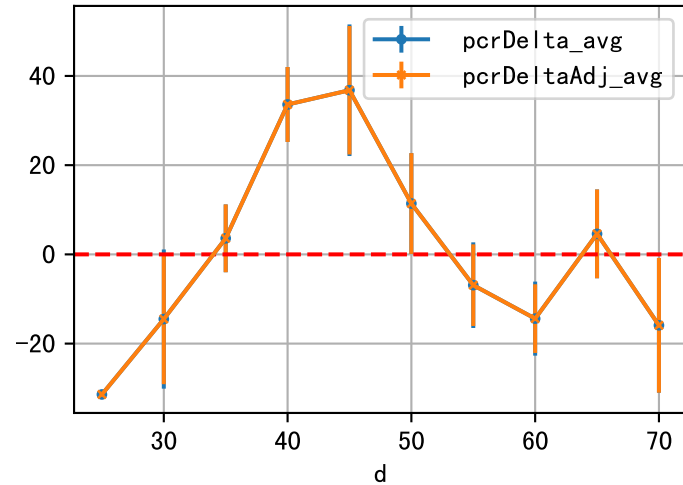
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DeltaTypeAbbr=GrpByDay



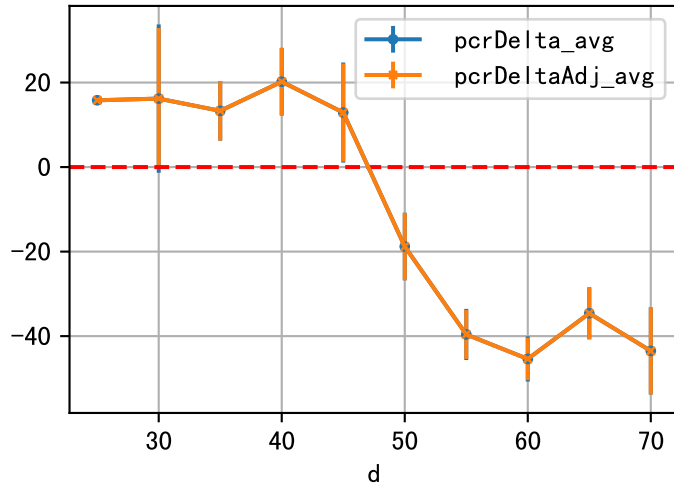
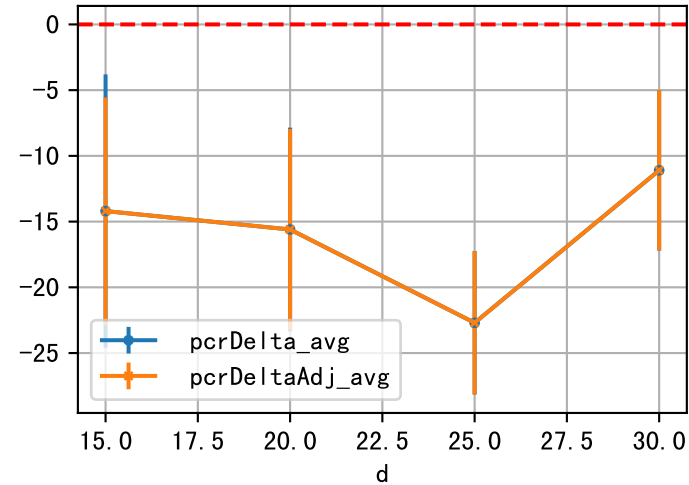
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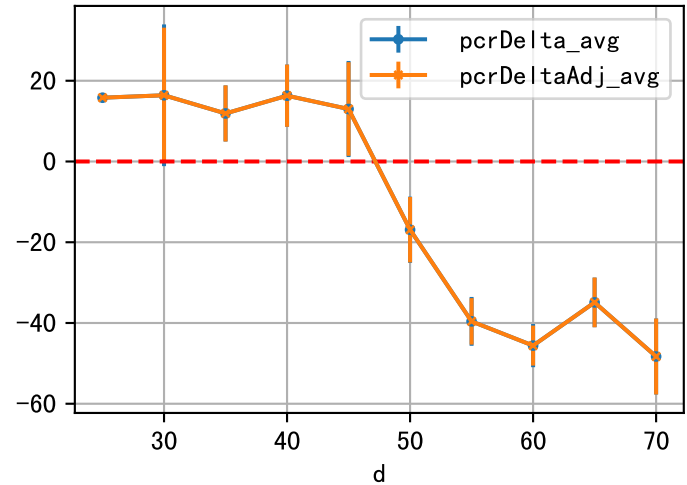
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DeltaTypeAbbr=GrpByDay

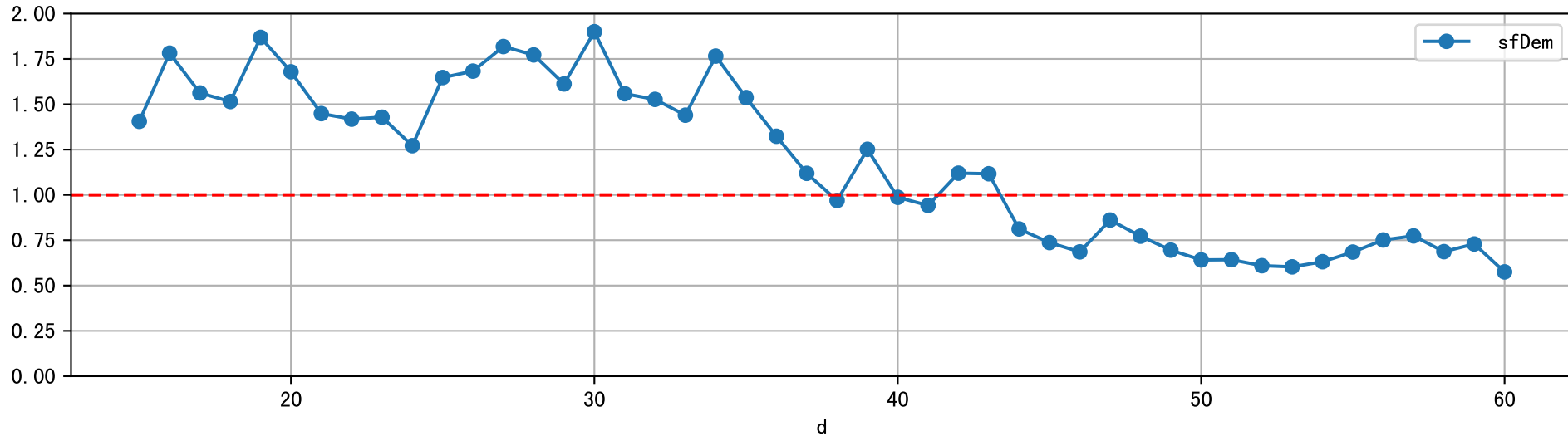
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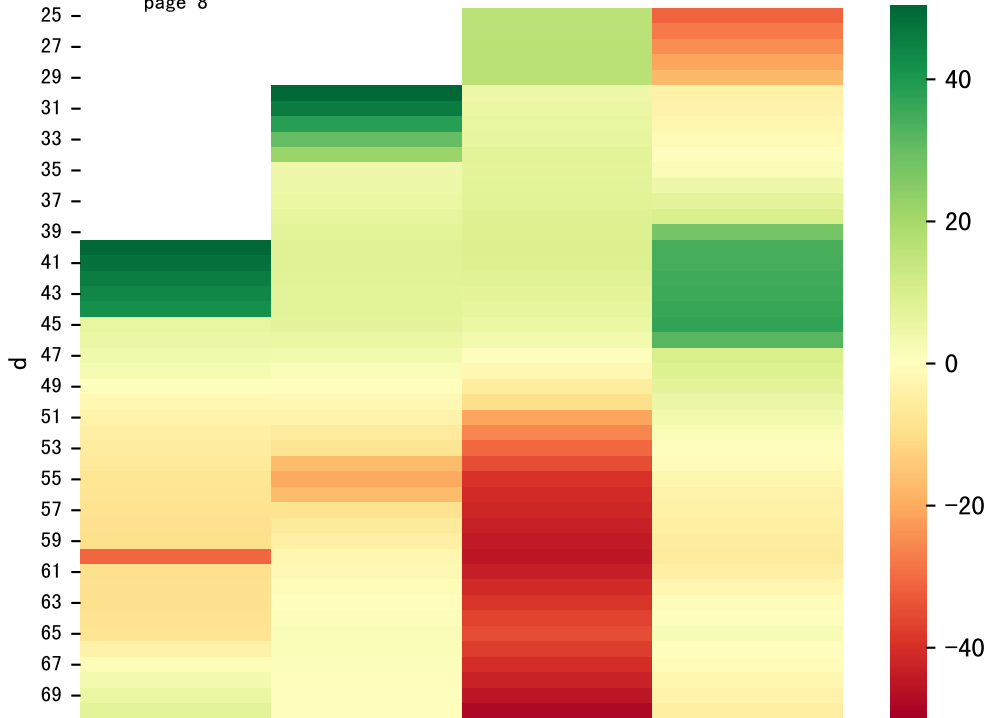


page 6



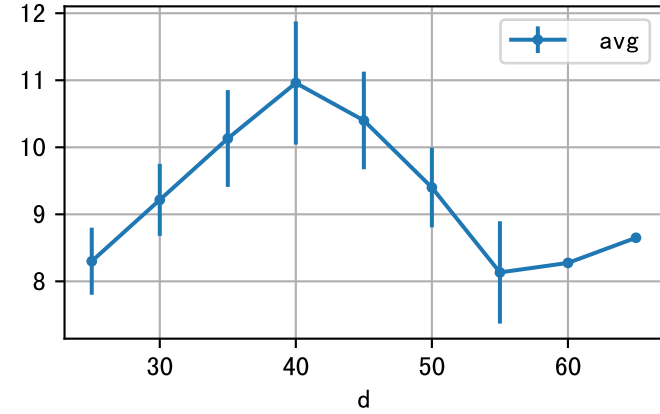
LfA: sfDem



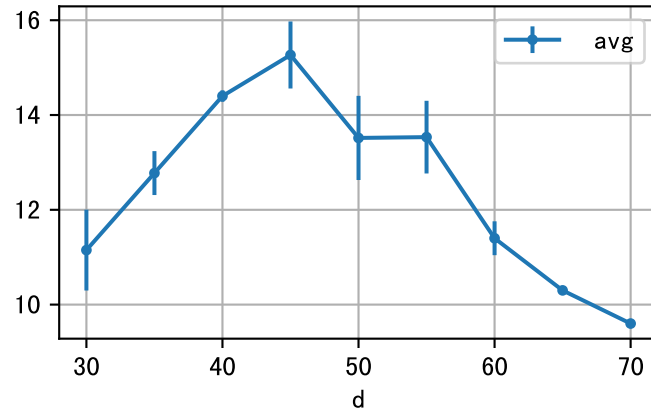


NdD: avg vs. d at each age group

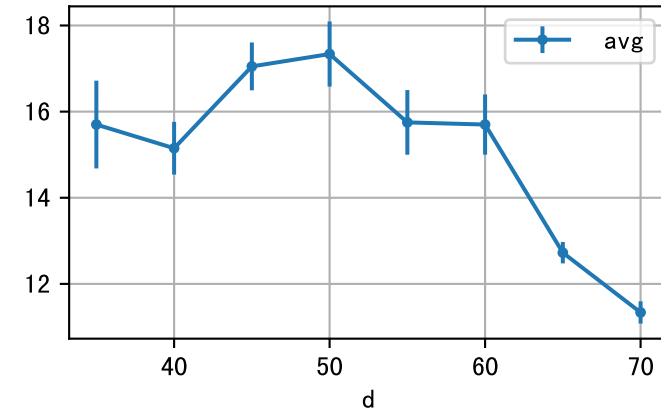
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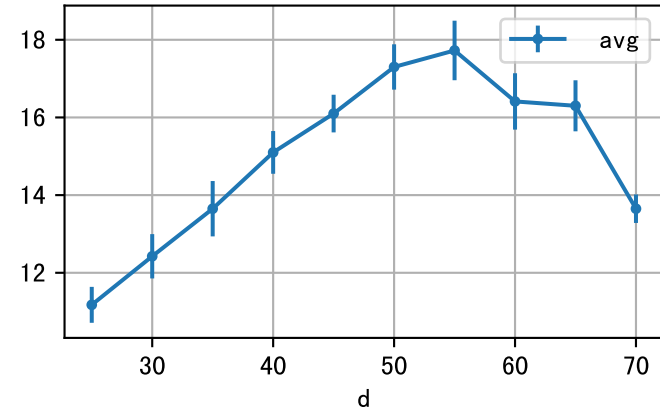
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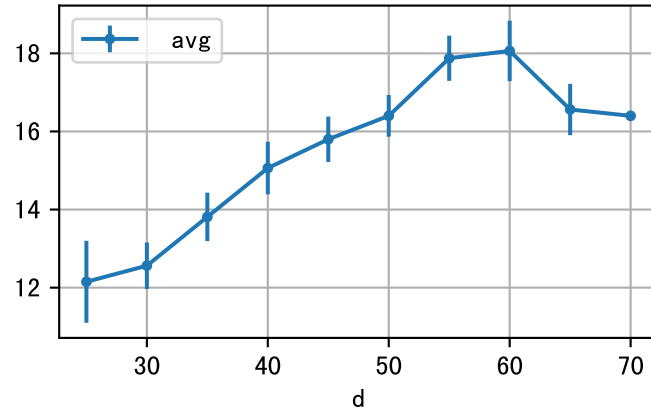
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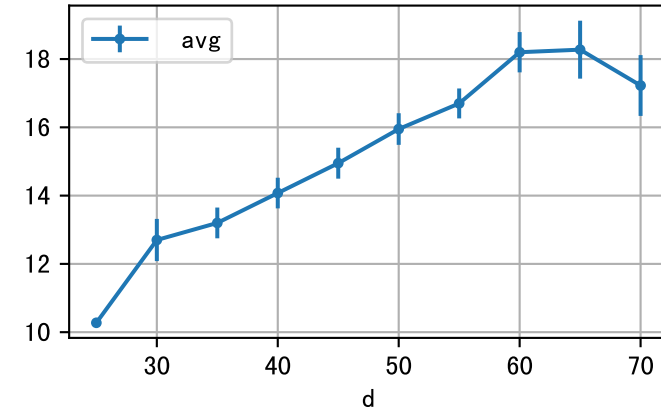
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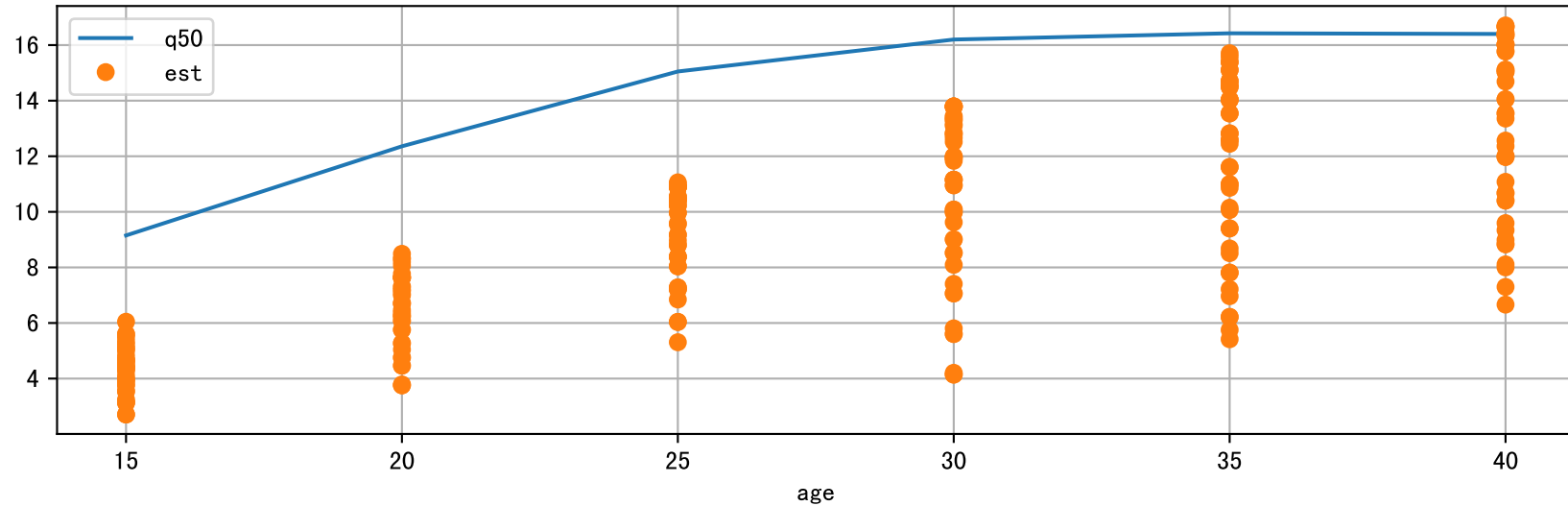
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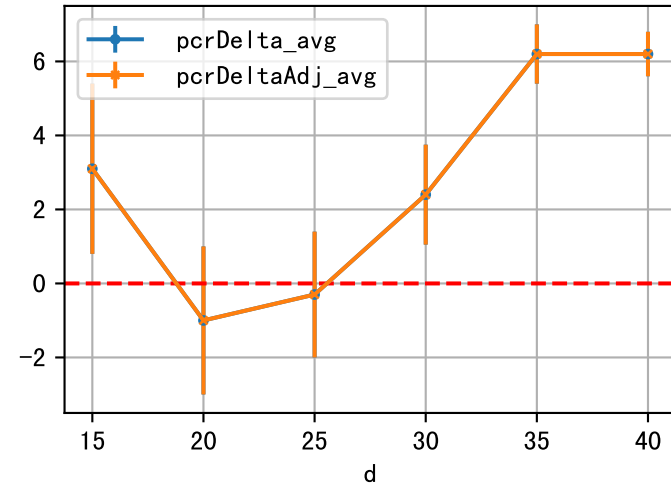
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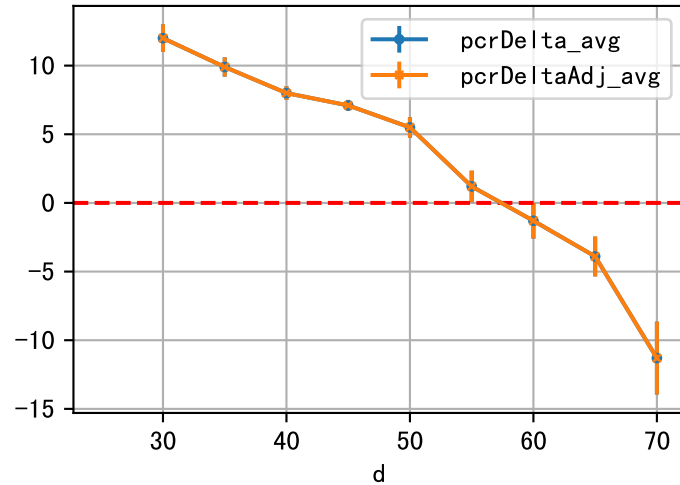
NdD: model est vs obs0v@Q50



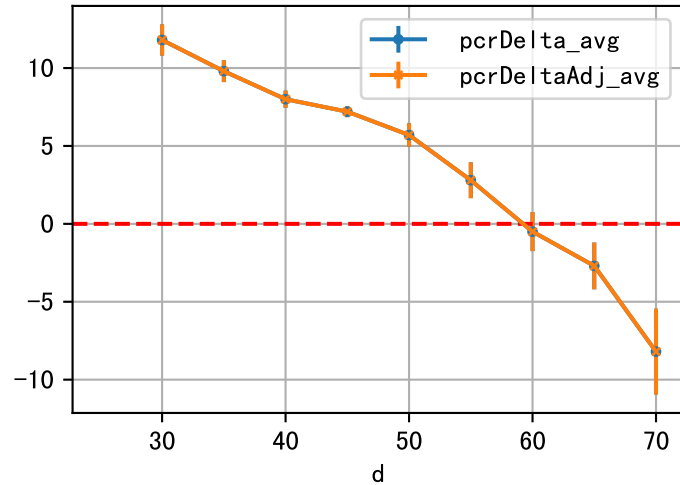
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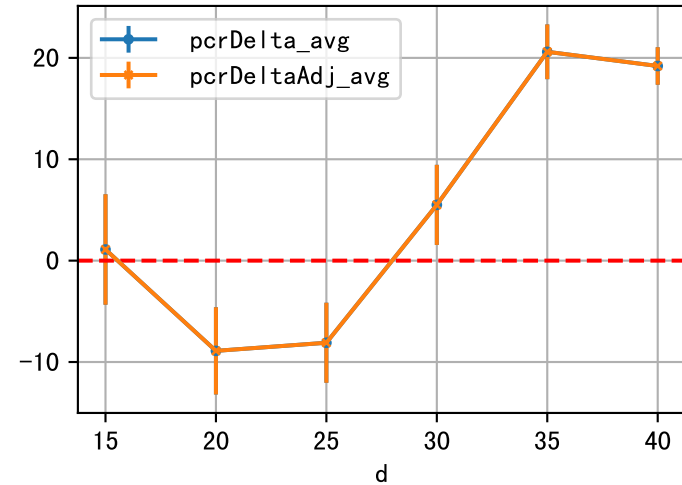
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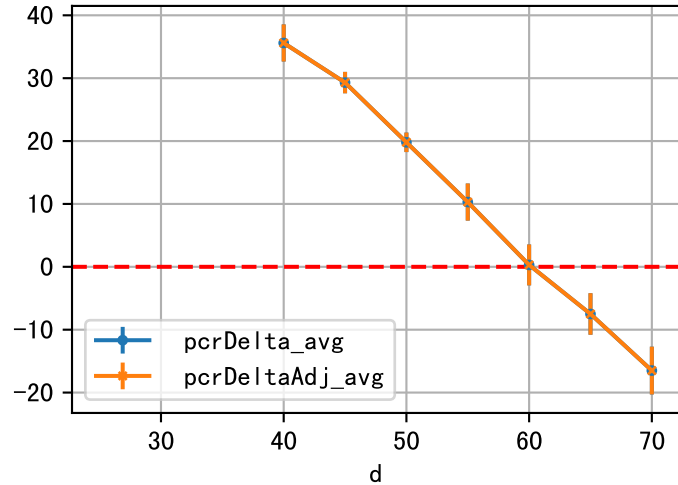
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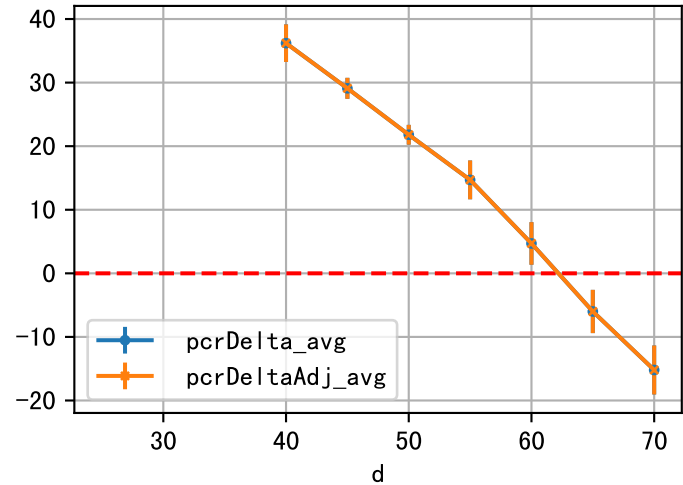
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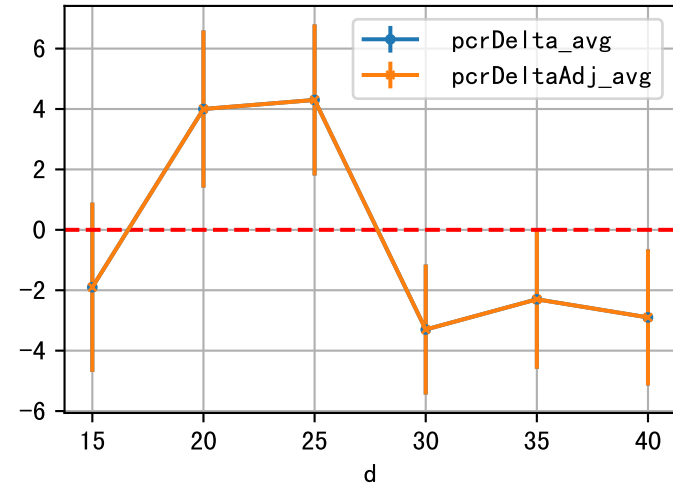
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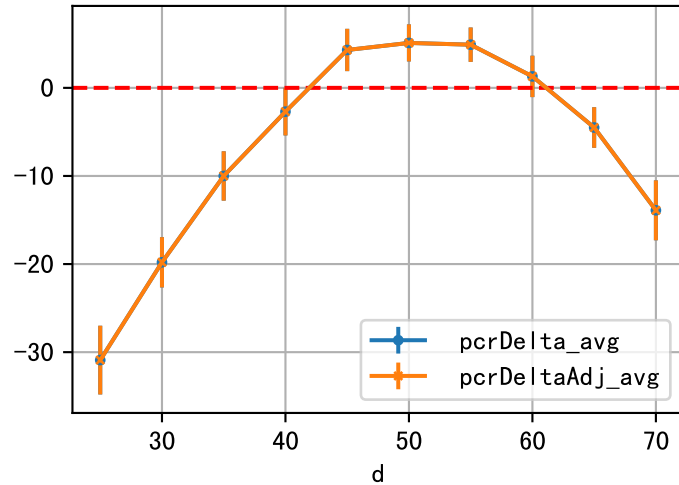
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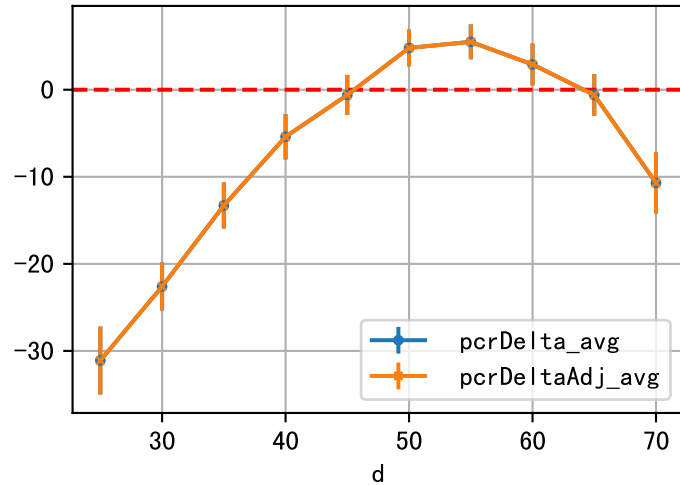
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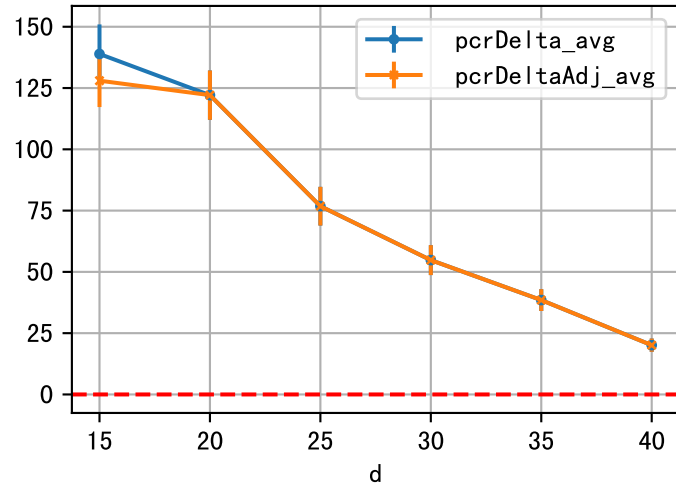
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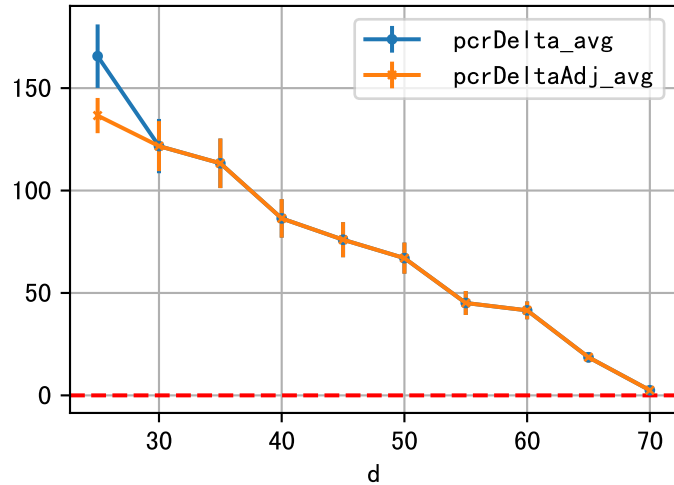
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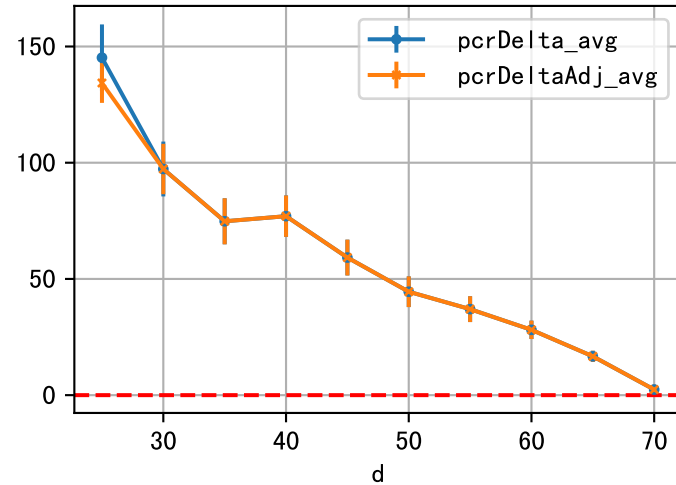
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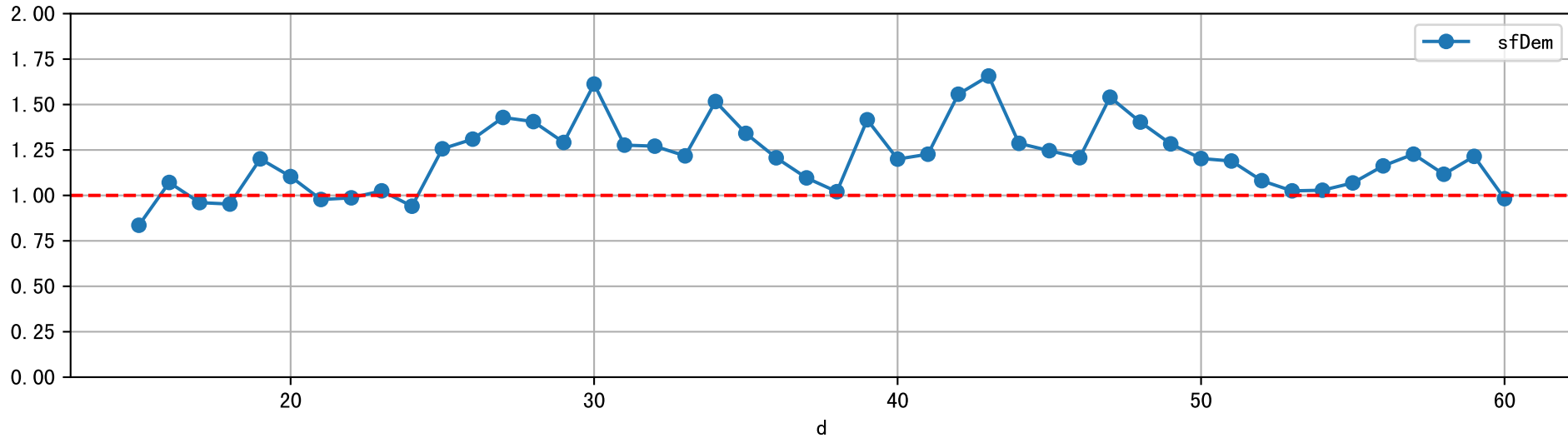
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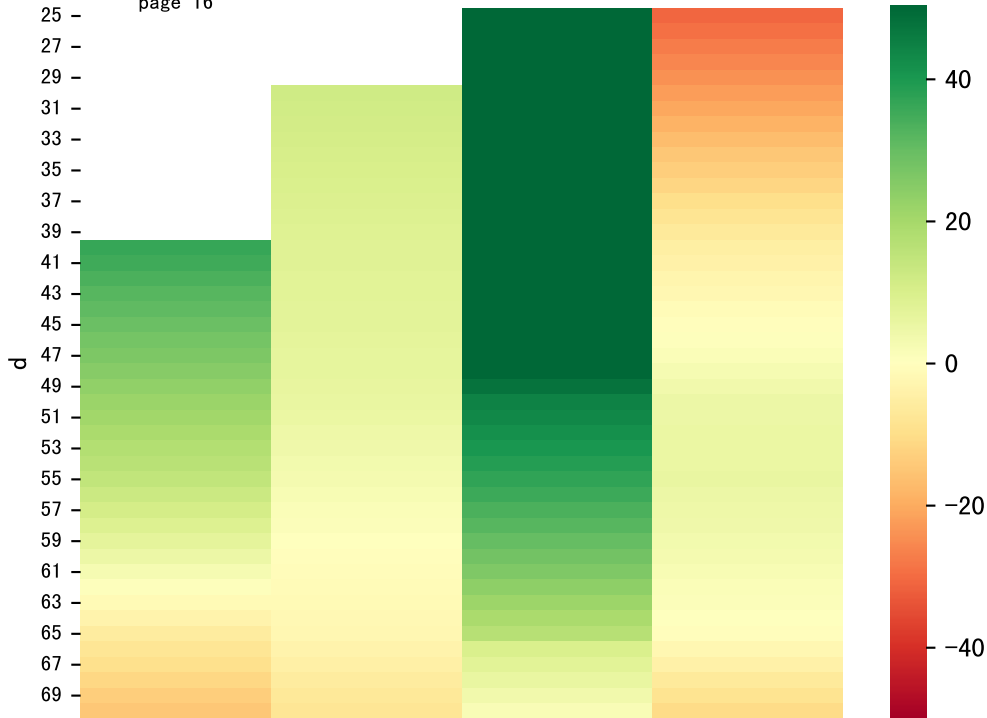


DeltaTypeAbbr=Wei AvgByD

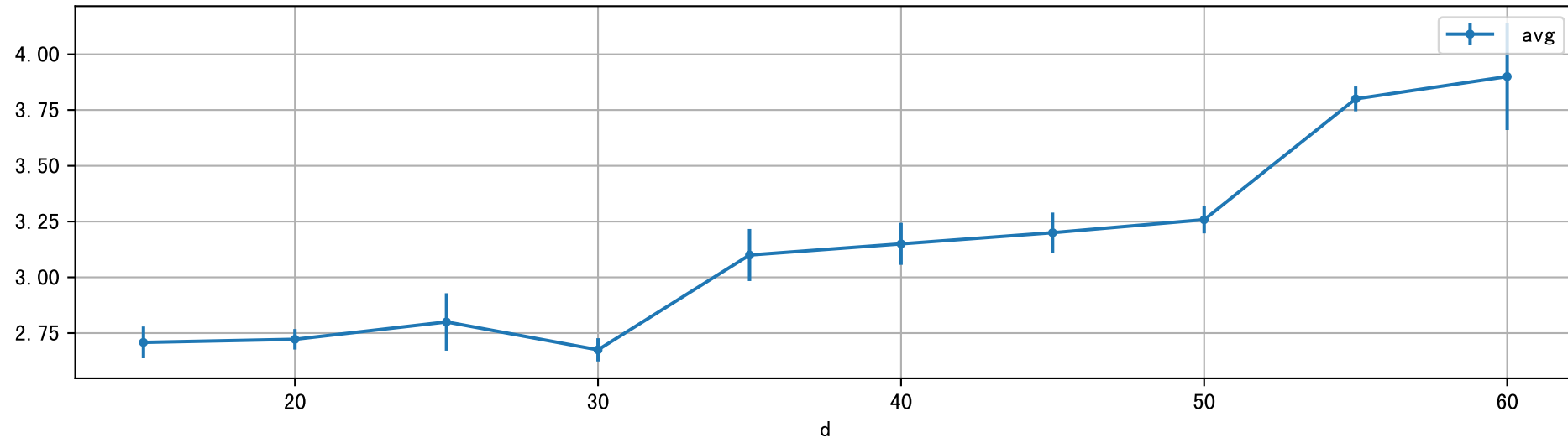


NdD: sfDem

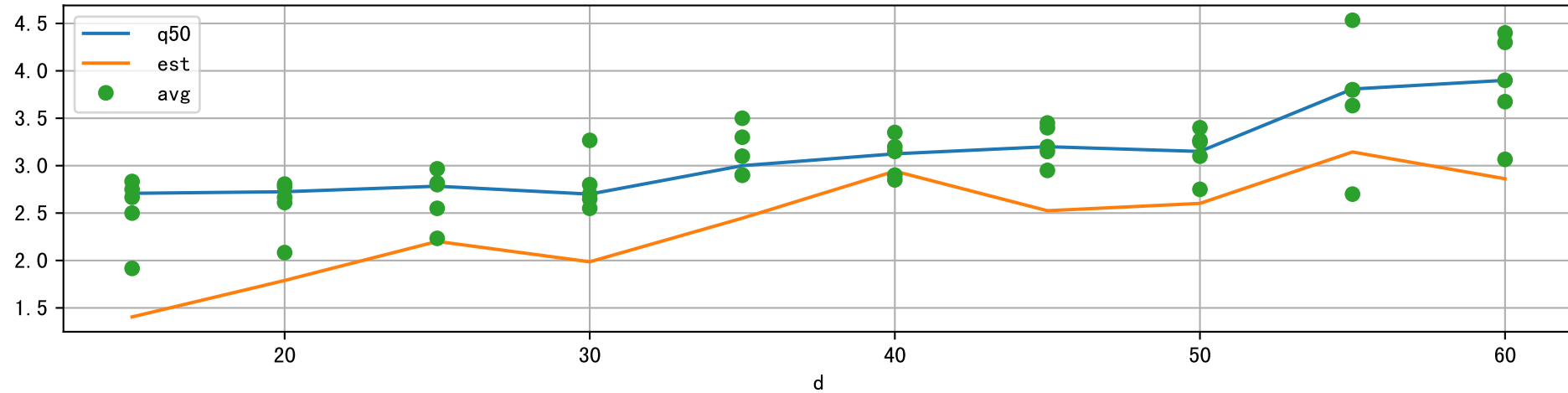




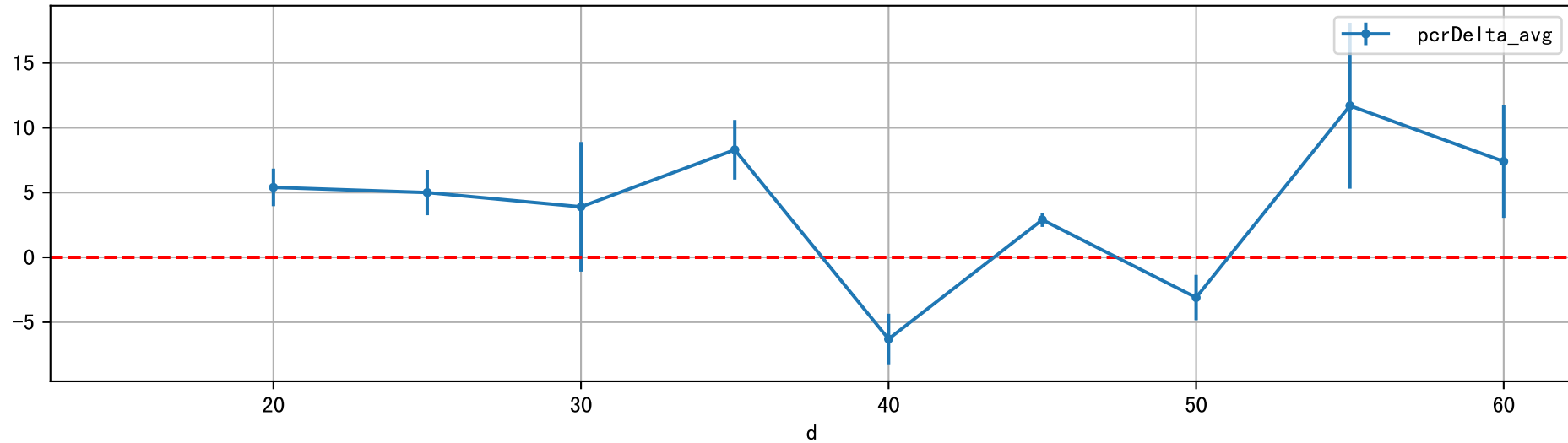
dStH: avg vs. d



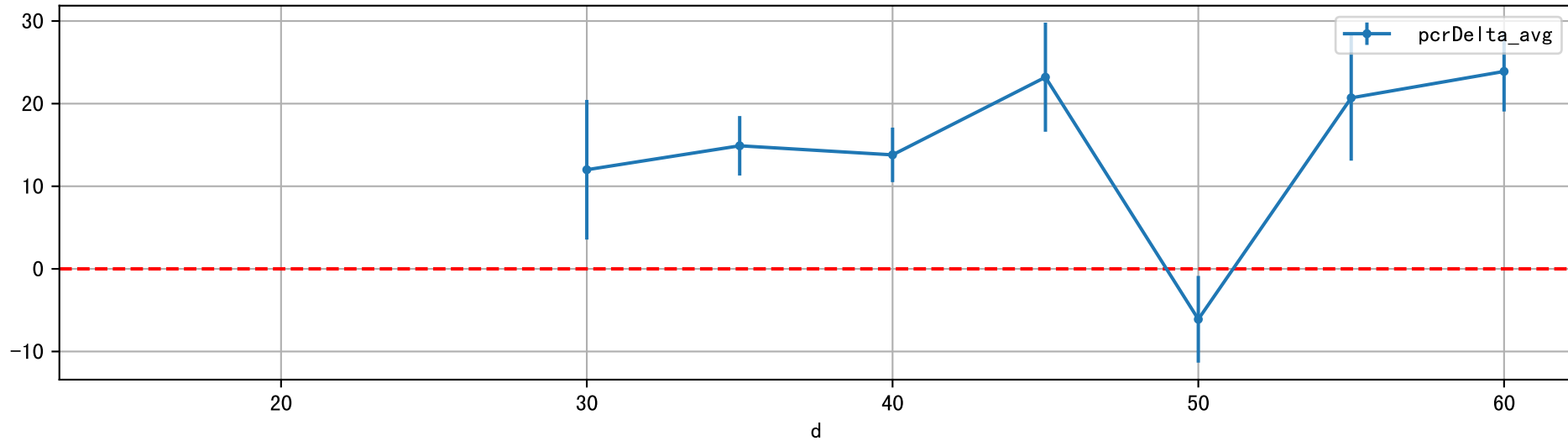
dStH: obsAvg vs obs0v@Q50



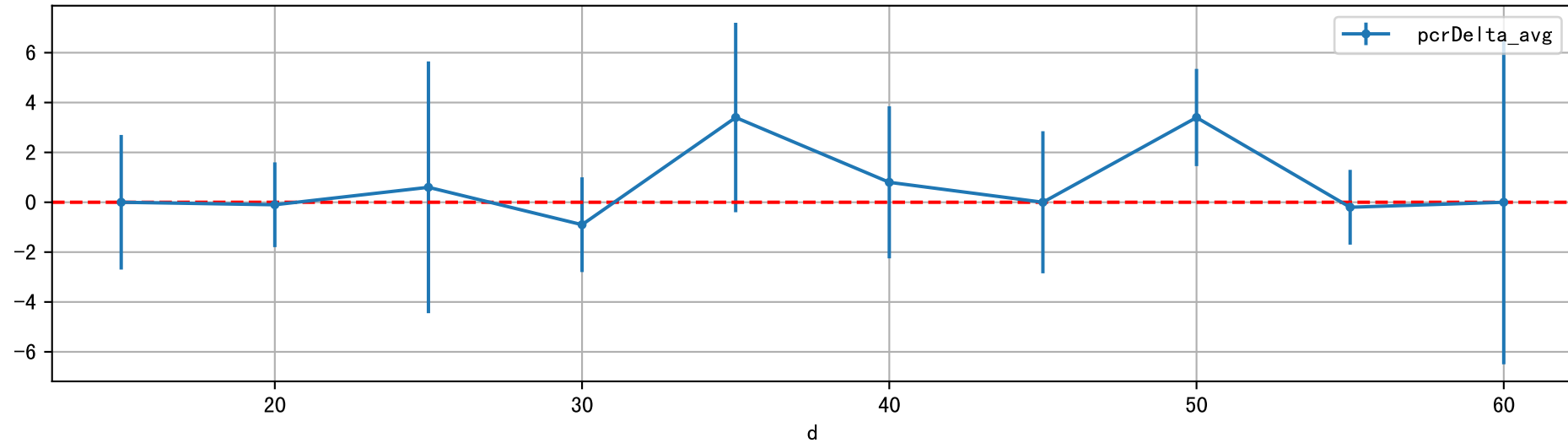
dStH: D_5d_StH



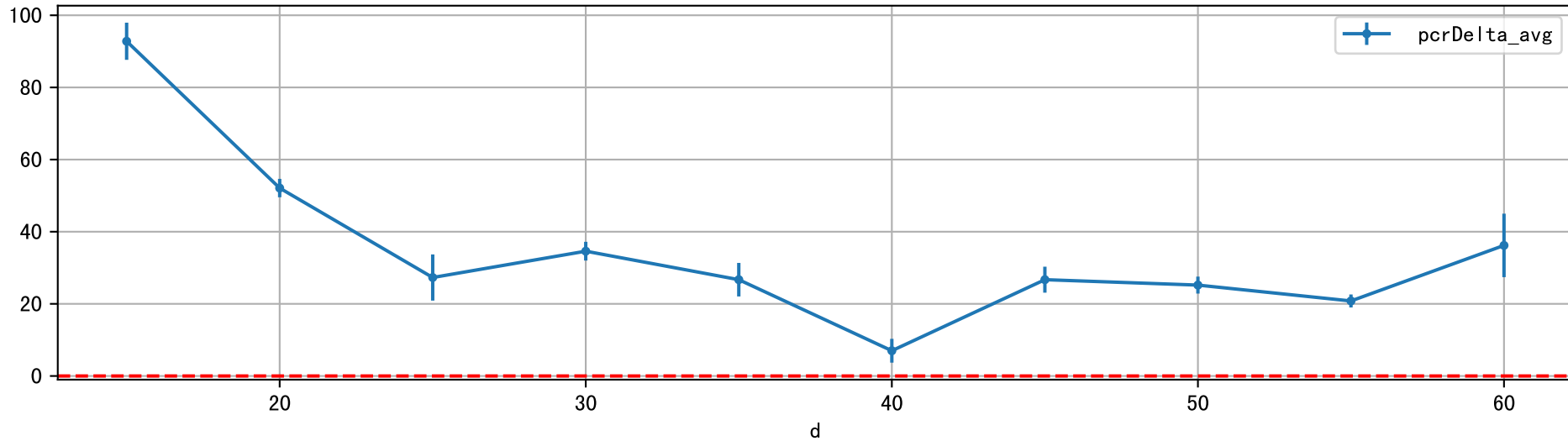
dStH: D_15d_StH



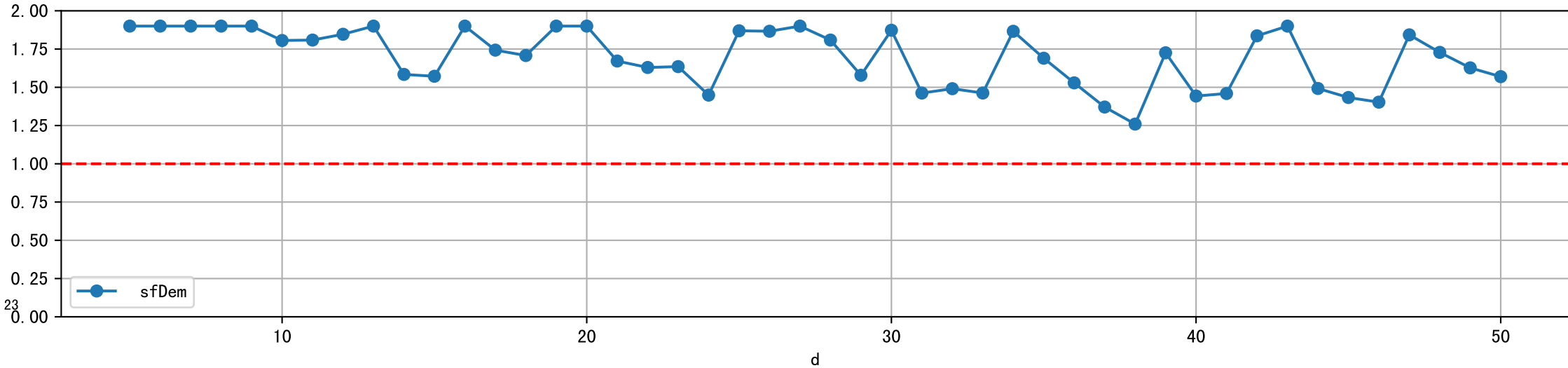
dStH: D_Q50_StH

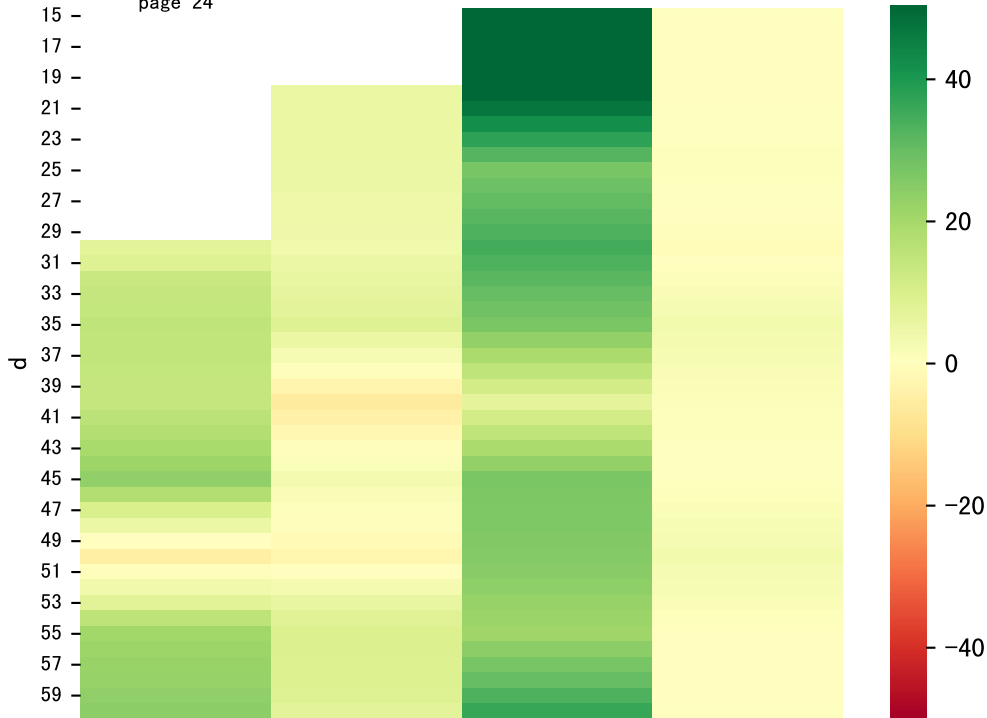


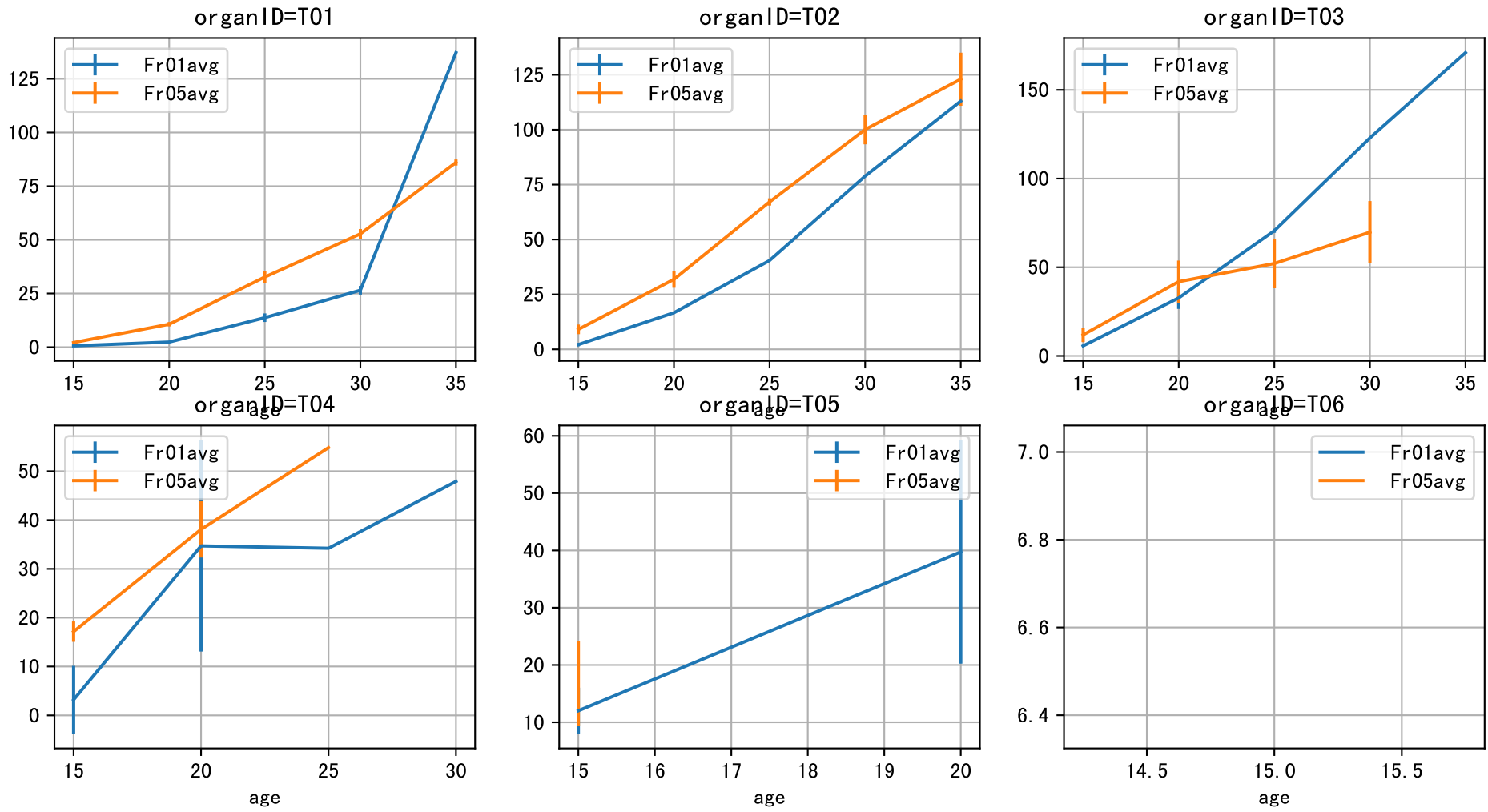
dStH: D_Est_StH



dStH: sfDem

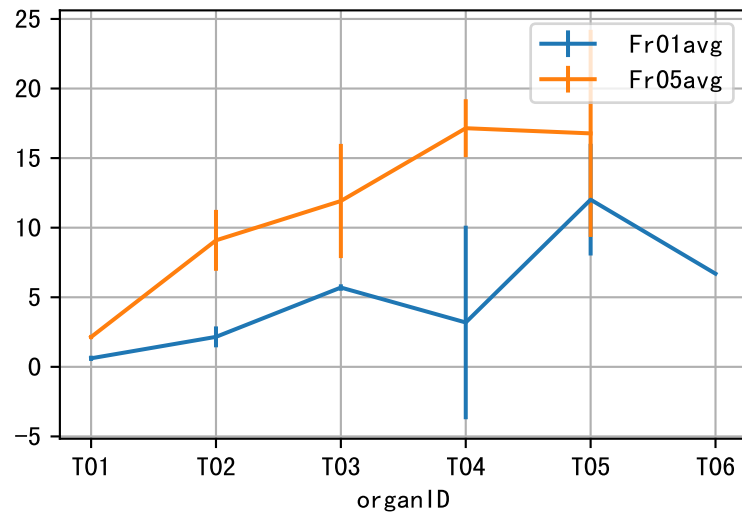




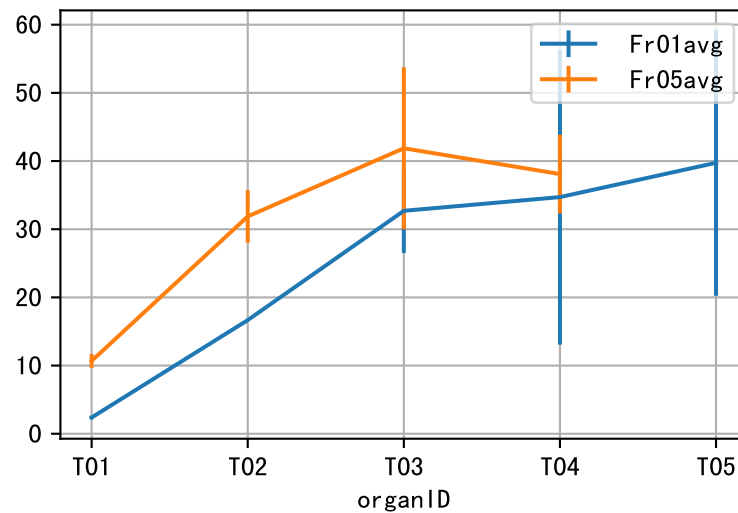


FrV trend at each age

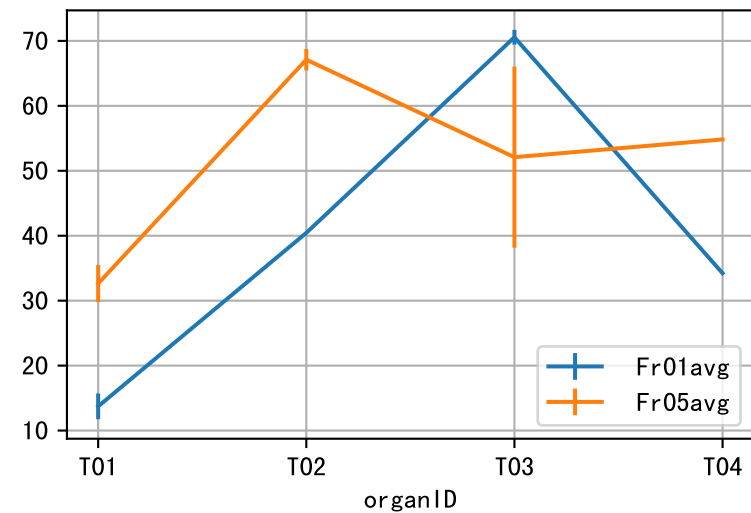
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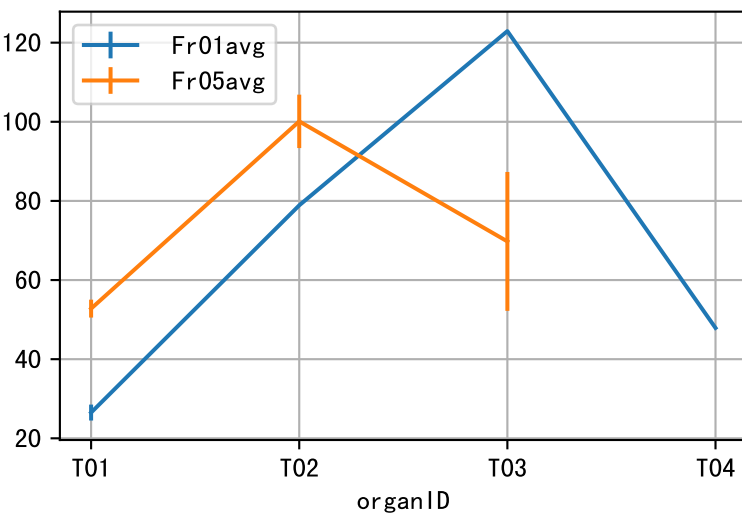
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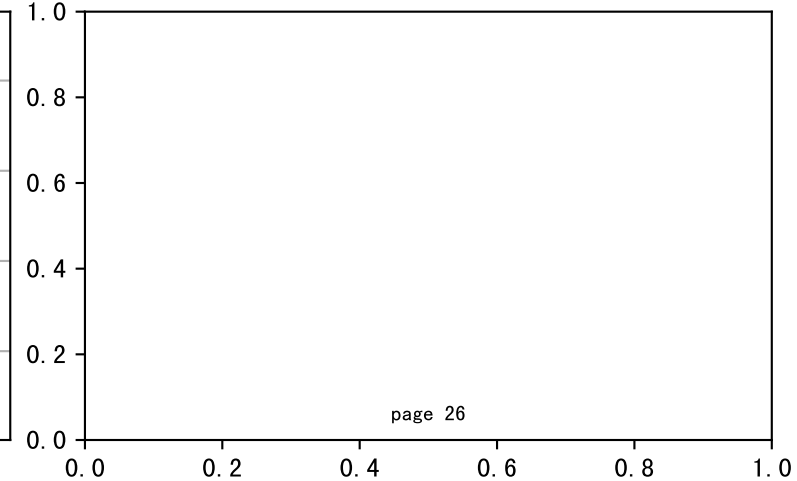
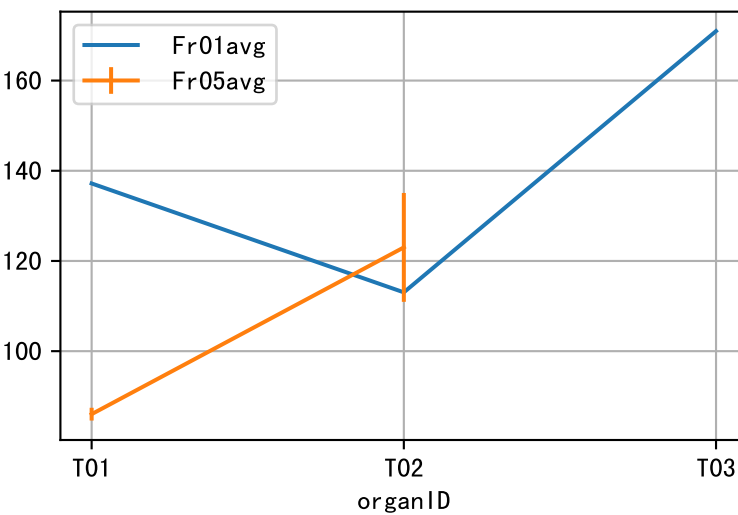
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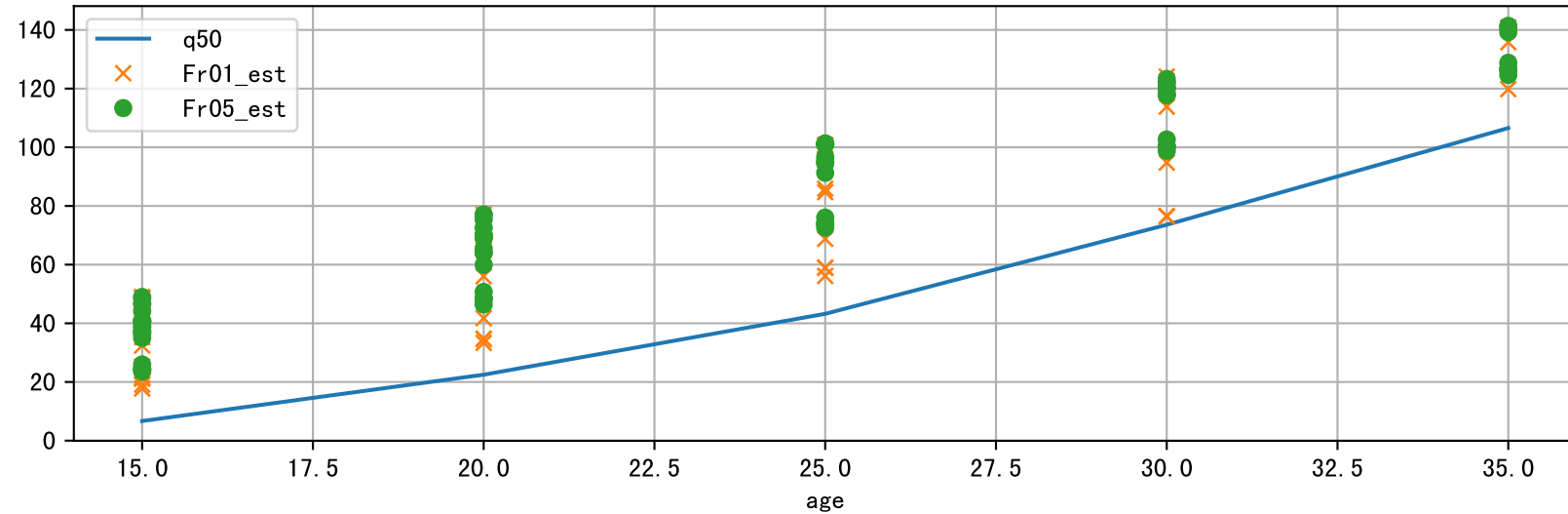
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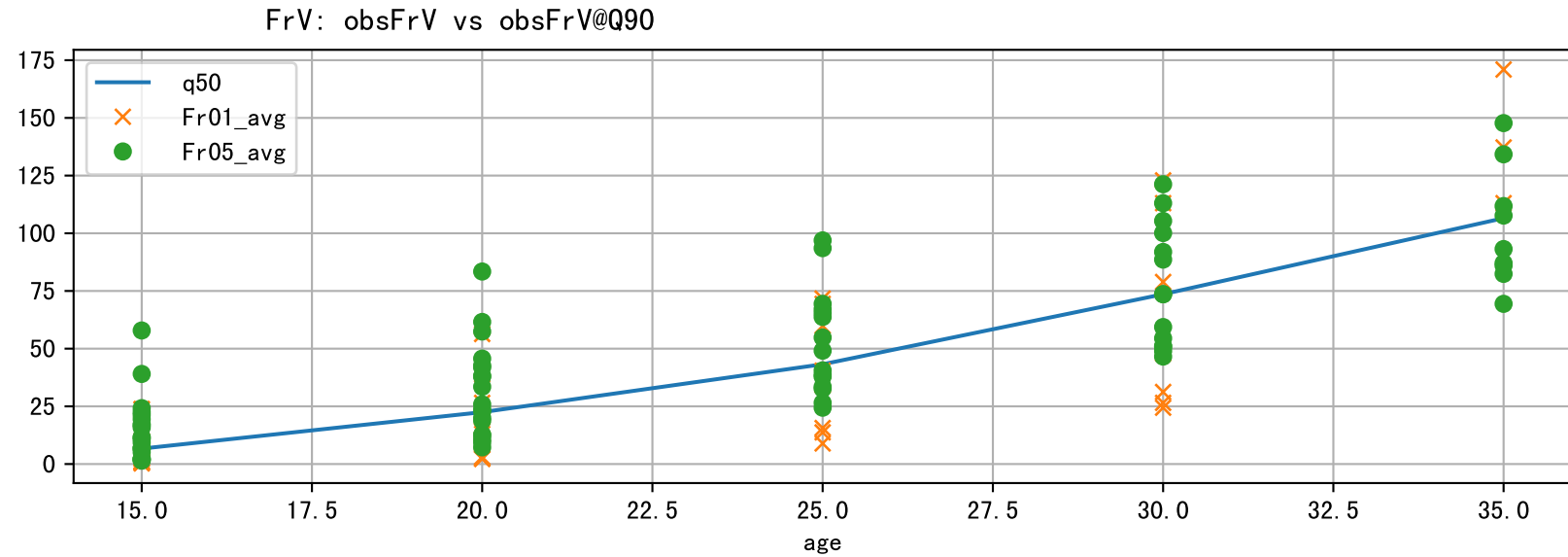


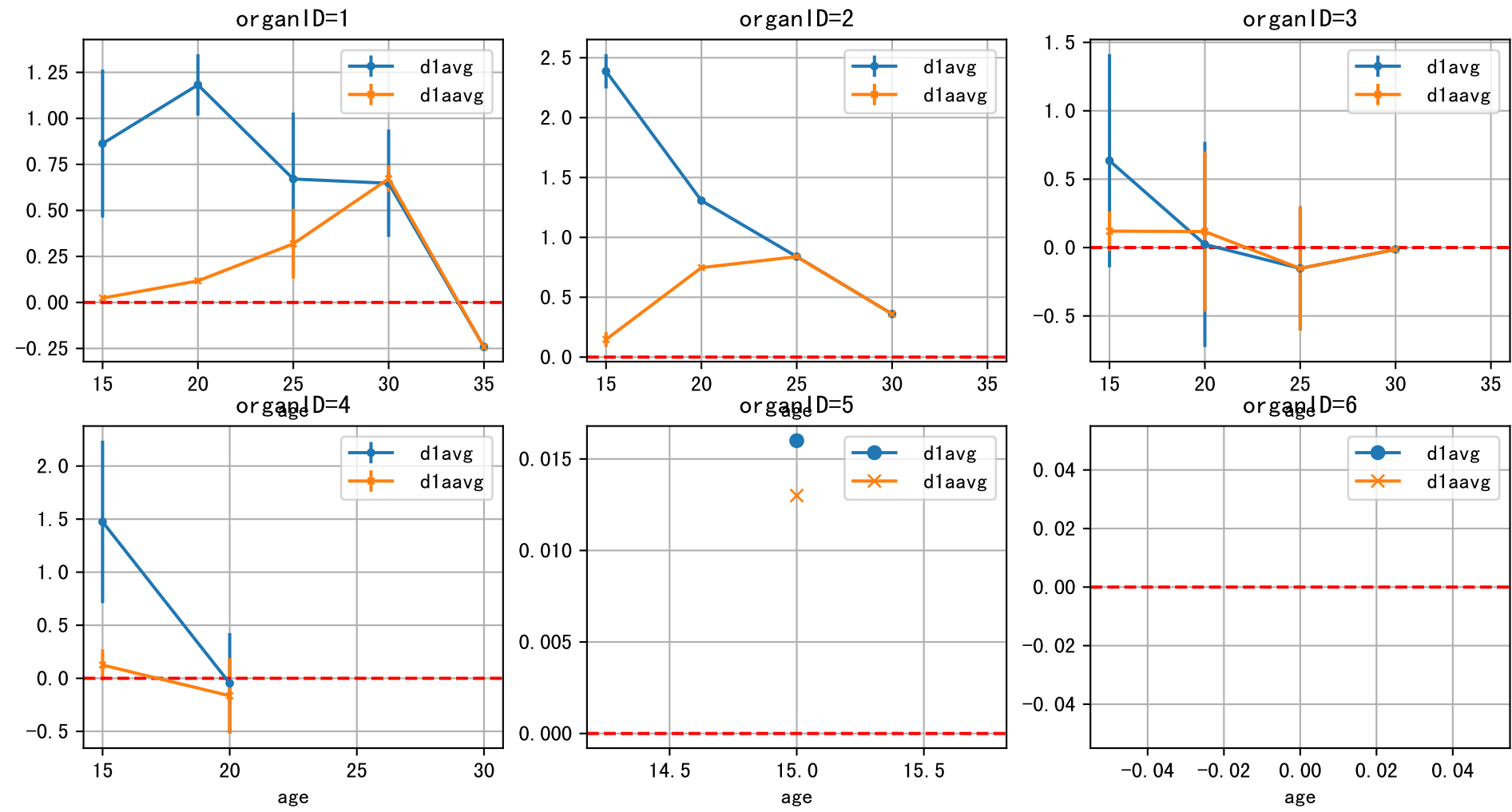
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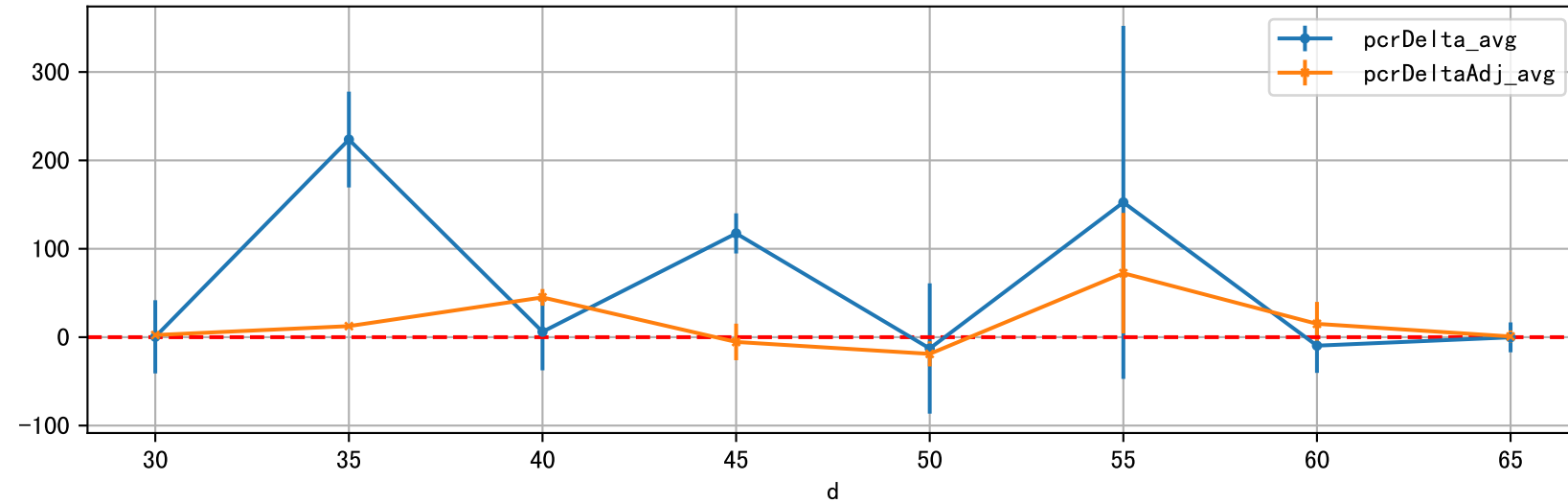
FrV: model Est vs obsFrV at Q90



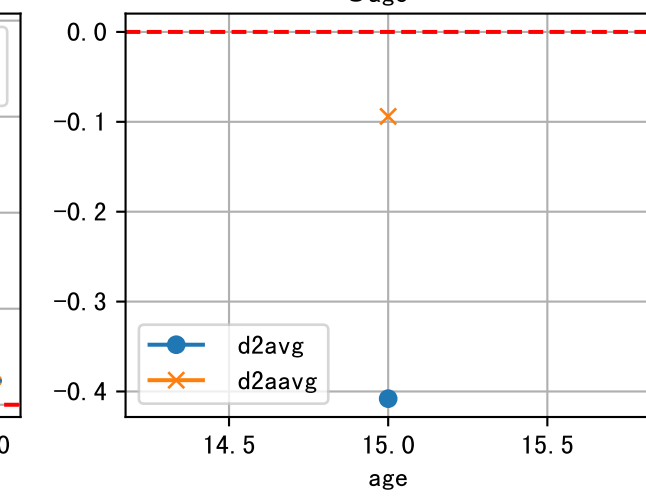
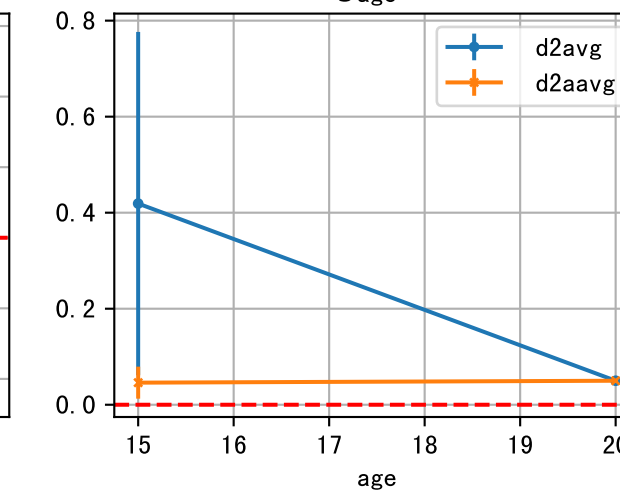
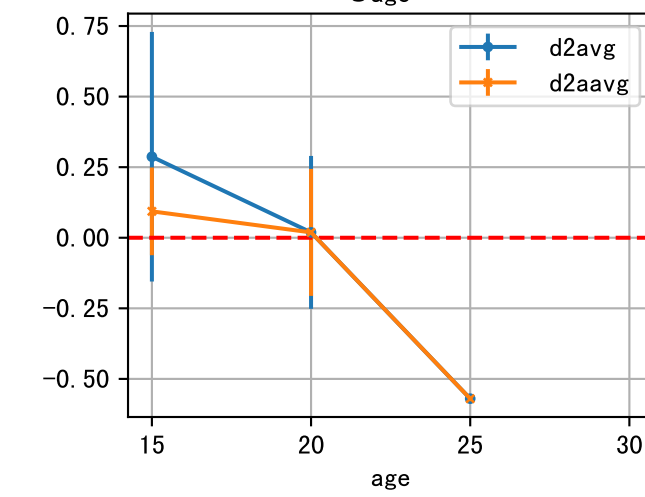
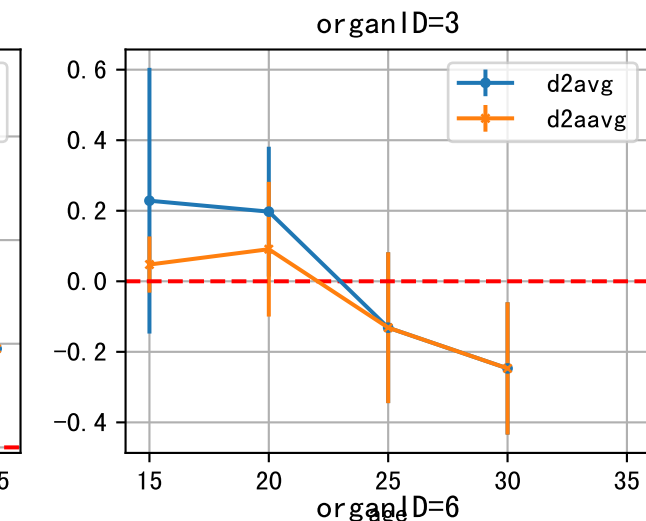
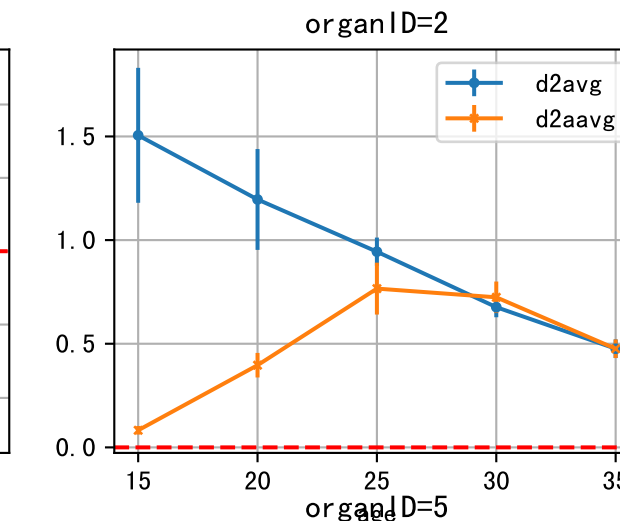
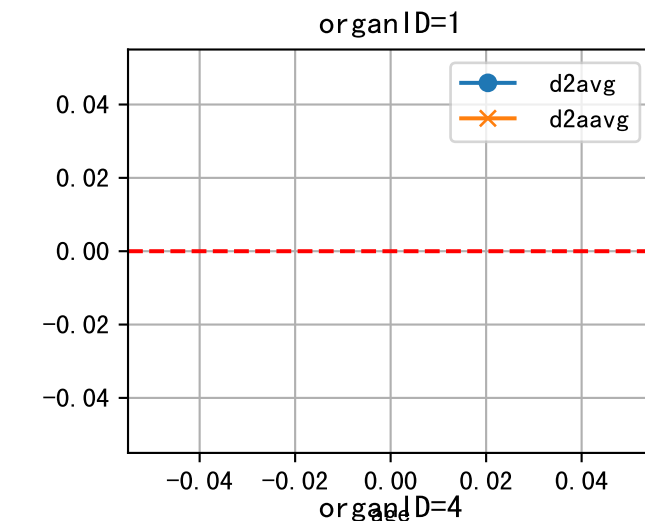




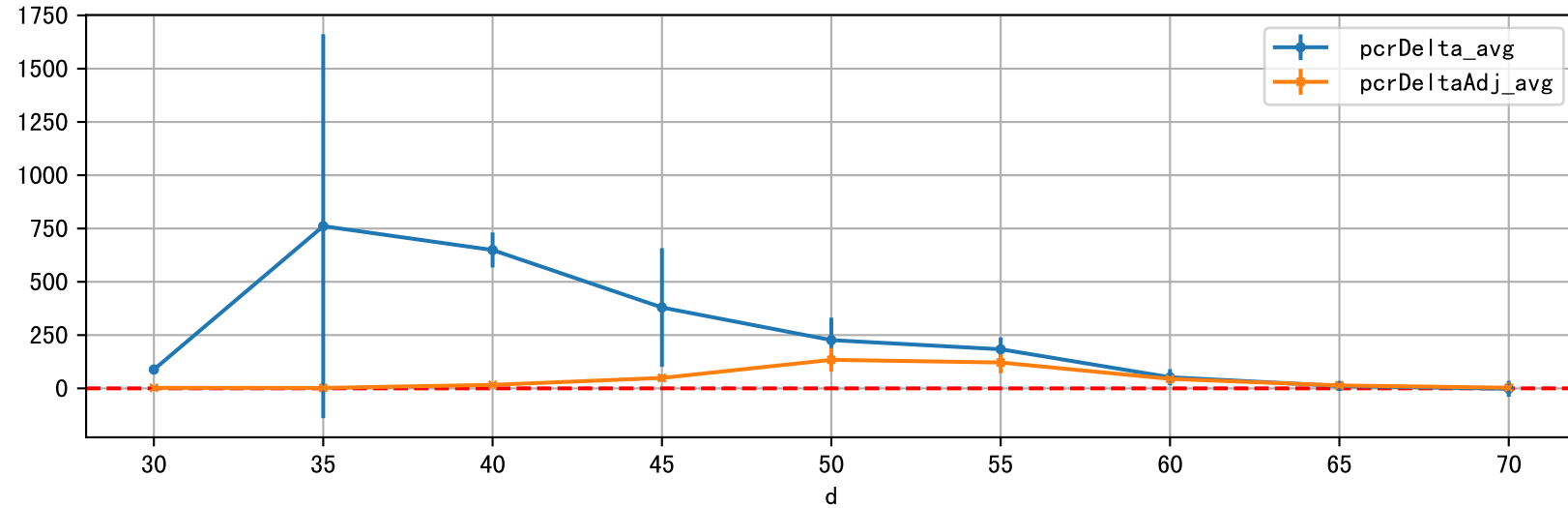
P6AW FrV: D_Fr1_FrV

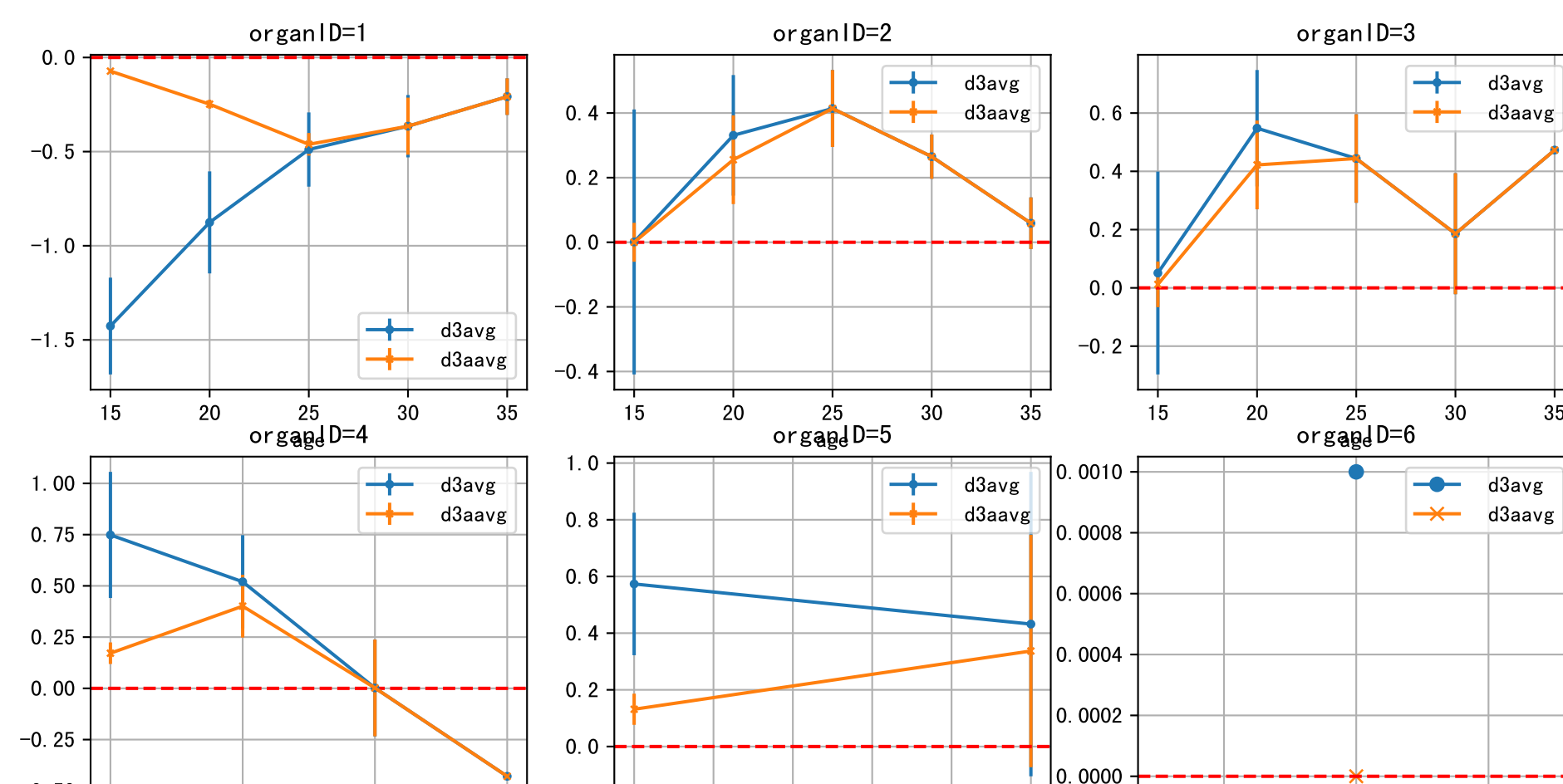


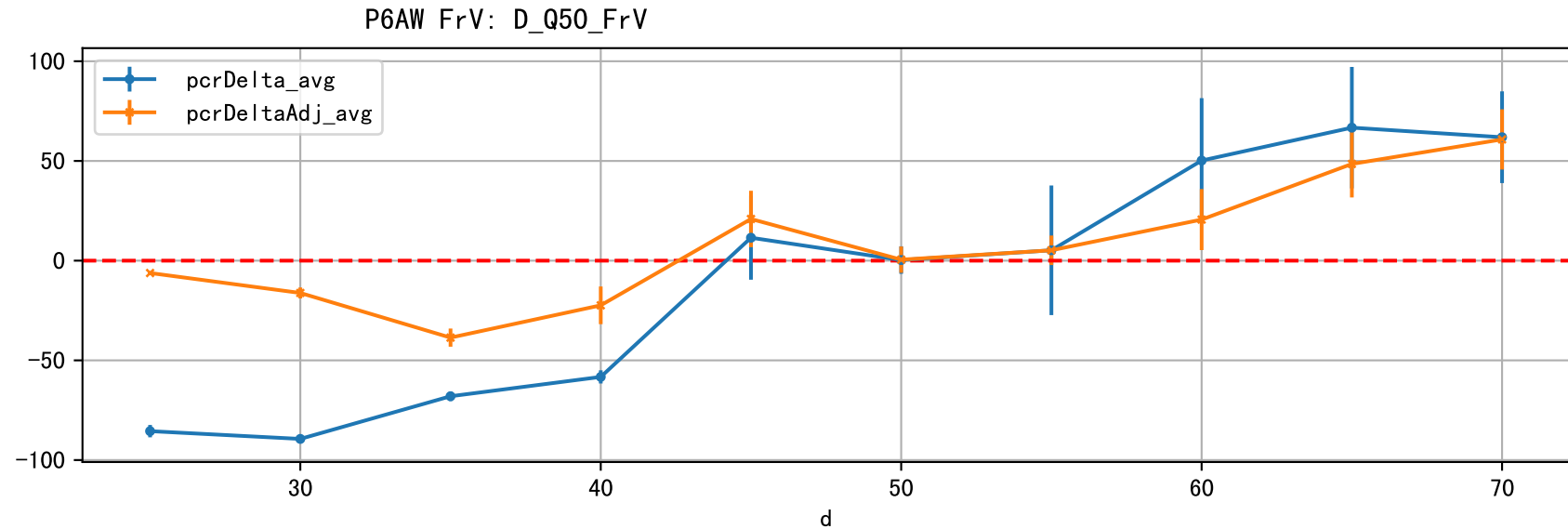
FrV: D_Ts_FrV

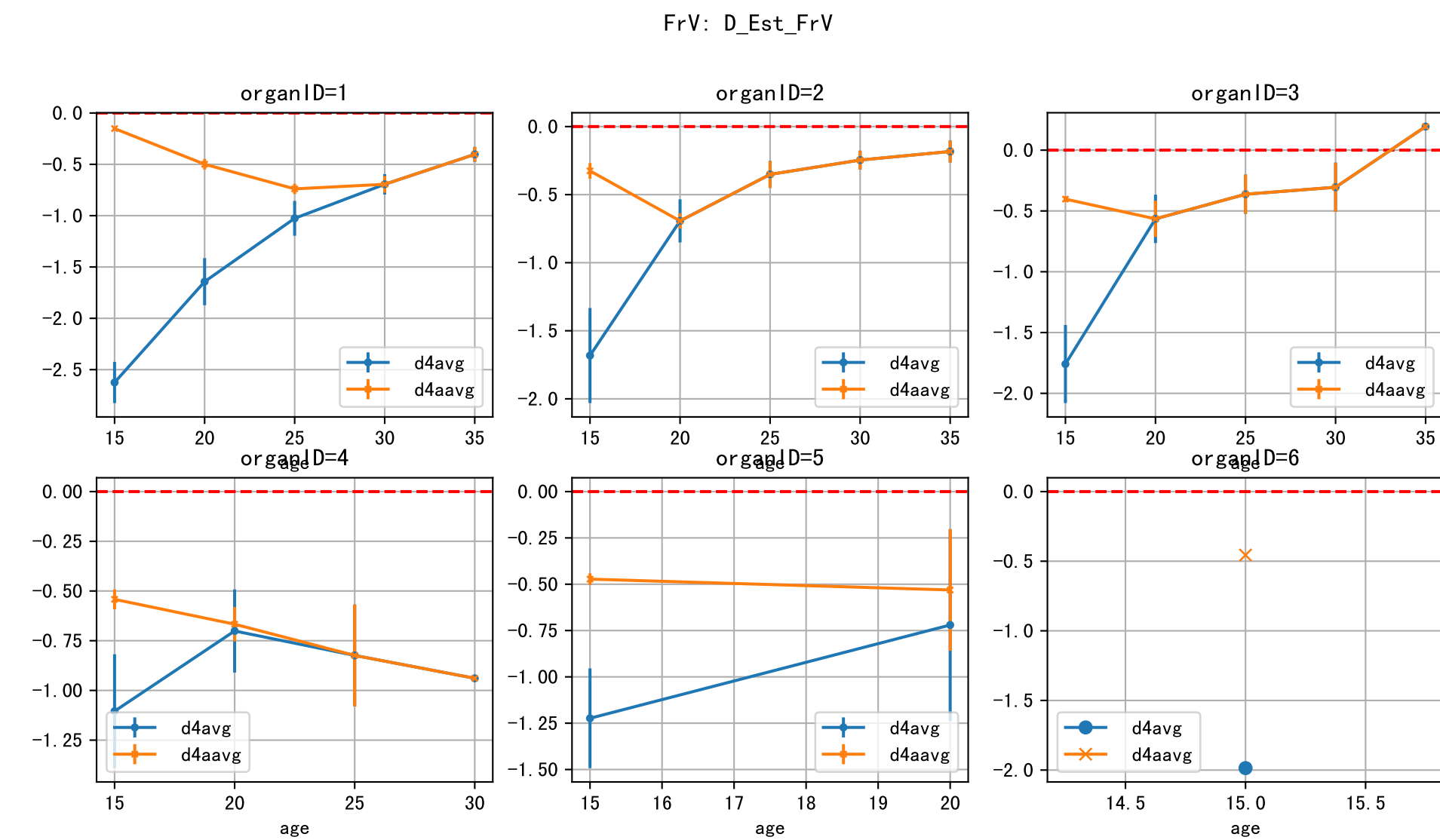


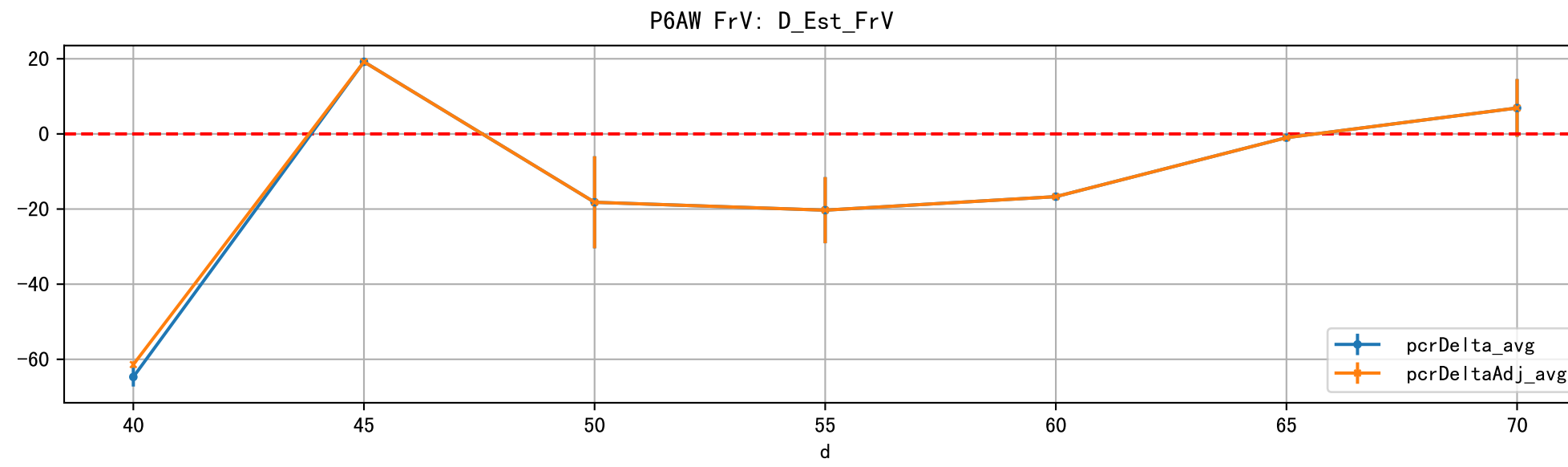
P6AW FrV: D_Ts_FrV











P6AW FrV: sfDem

