

Phenotype Data Analysis Plots

PhenoData day range = 5 – 62

Analysis cutoff day = 62

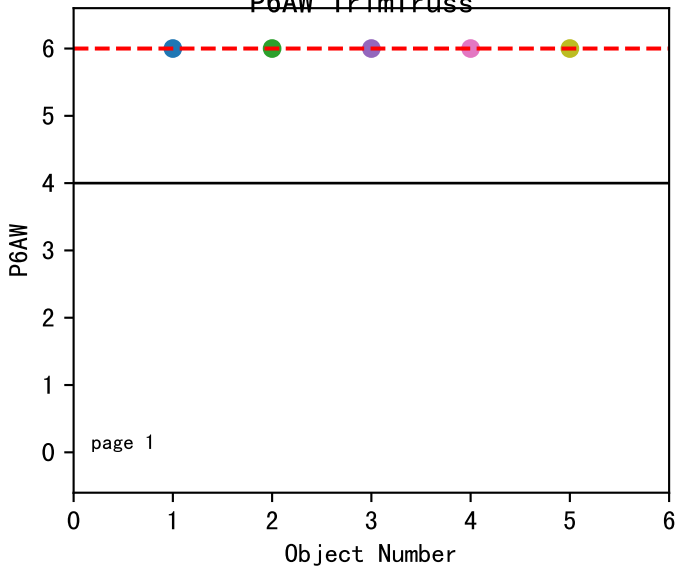
NC11 P6

2025-06-07 (Day 63)

TrussNodeMaxPerStem (Def=4.0 Set=6)

avg1=6.0~0% avg2=na

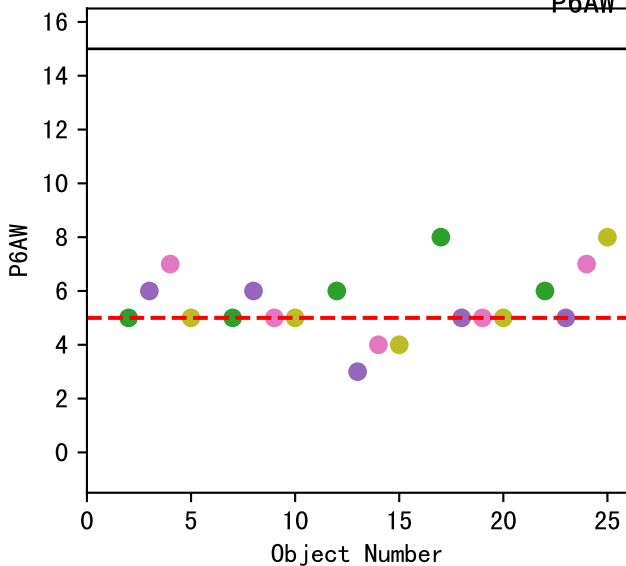
P6AW TrimTruss



FruitNumAvgPerTruss (Def=15 Set=5)

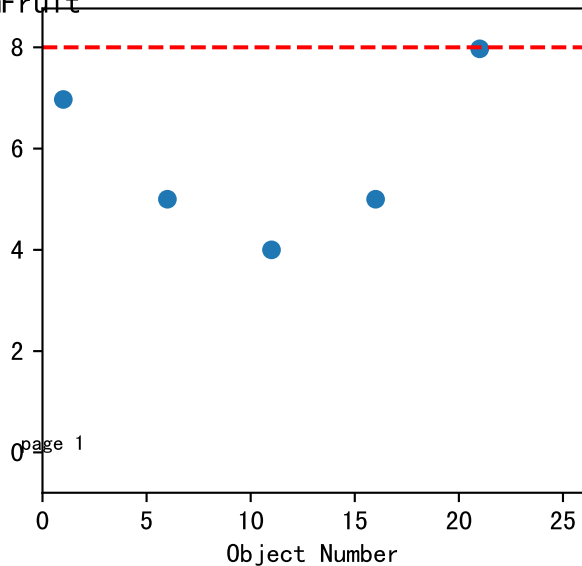
avg1=5.0~17% avg2=na

P6AW TrimFruit

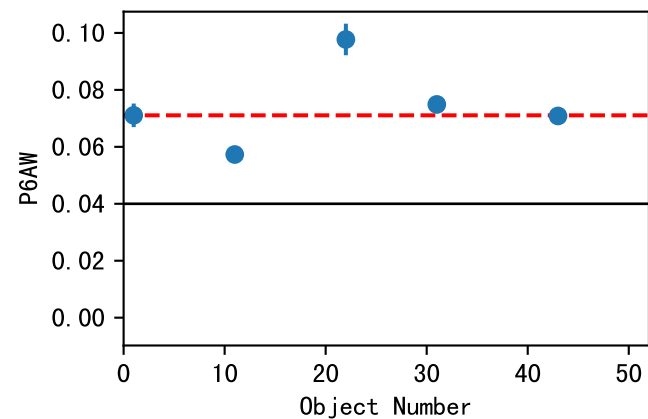


FruitNumMaxPerTruss (Def=na Set=8)

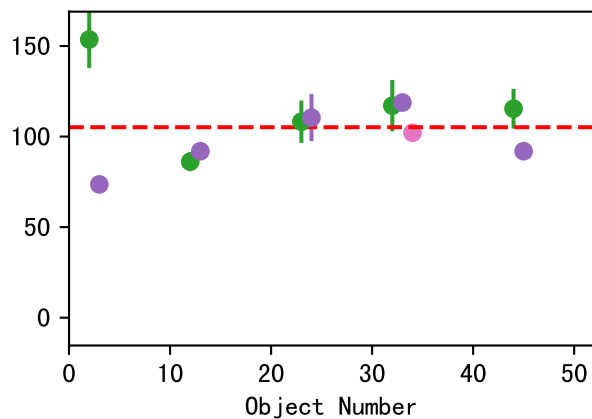
avg1=8.0~22% avg2=na



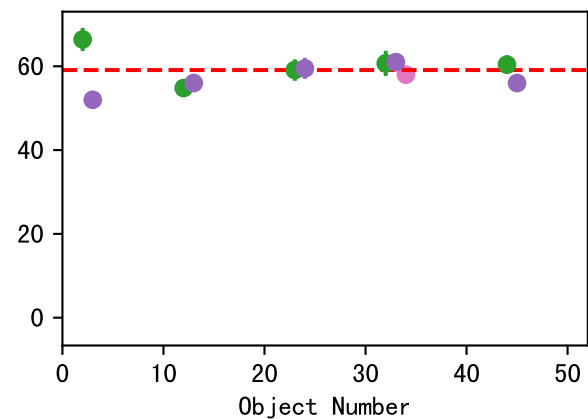
LfA_Q90AbsY (Def=0.04 Set=0.04)
avg1=0.07~3% avg2=na



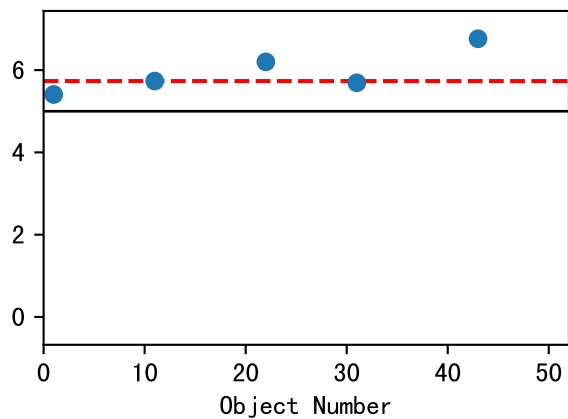
FrV_avgAbsY (Def=na Set=105.16)
avg1=105.16~18% avg2=na



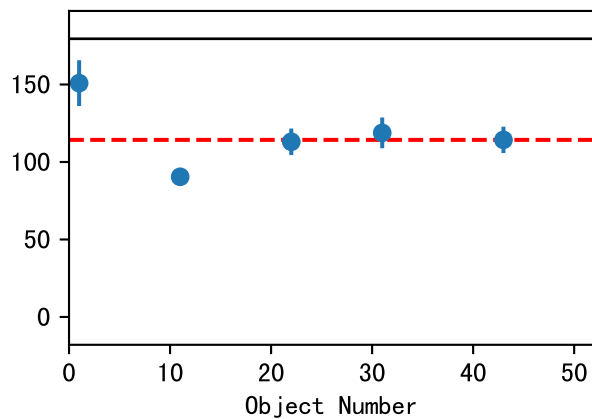
FrD_avgAbsY (Def=na Set=59.1)
avg1=59.1~6% avg2=na



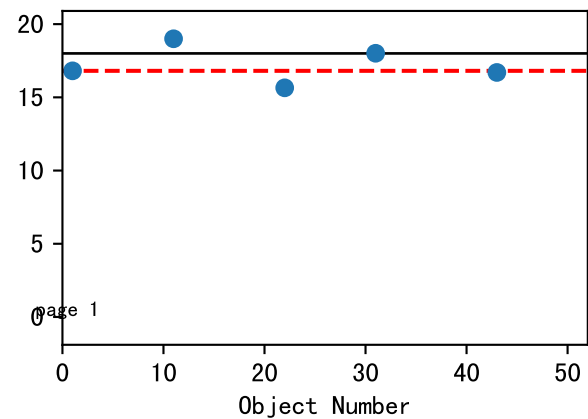
NdL_Q90AbsY (Def=5 Set=5.73)
avg1=5.73~9% avg2=na



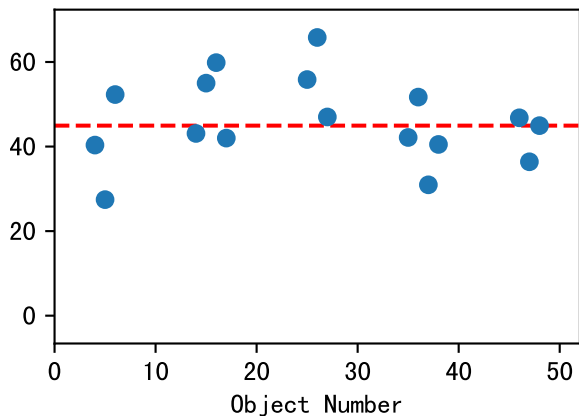
FrV_Q90AbsY (Def=179.5 Set=179.5)
avg1=114.26~3% avg2=na



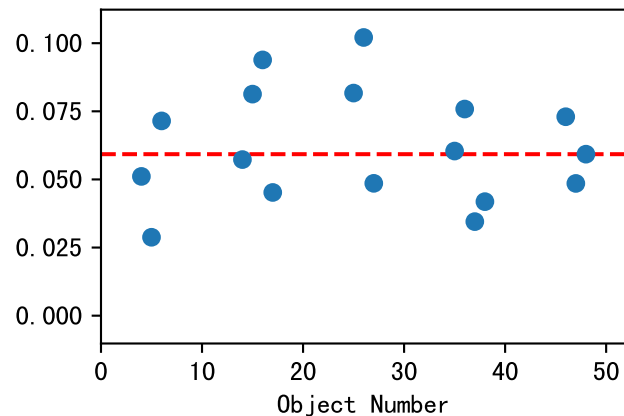
NdD_Q90AbsY (Def=18 Set=16.81)
avg1=16.81~8% avg2=na



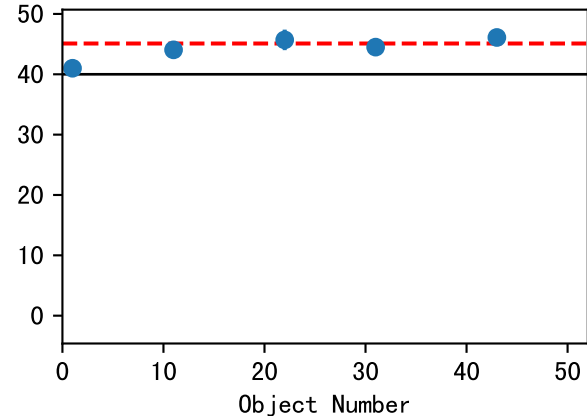
LfW_avgAbsY (Def=na Set=44.95)
avg1=44.95~22% avg2=na



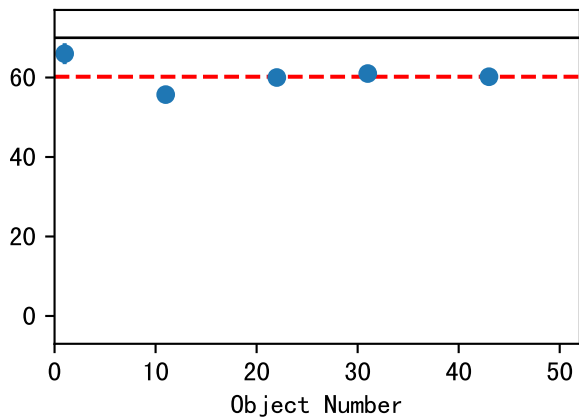
LfA_avgAbsY (Def=na Set=0.06)
avg1=0.06~35% avg2=na



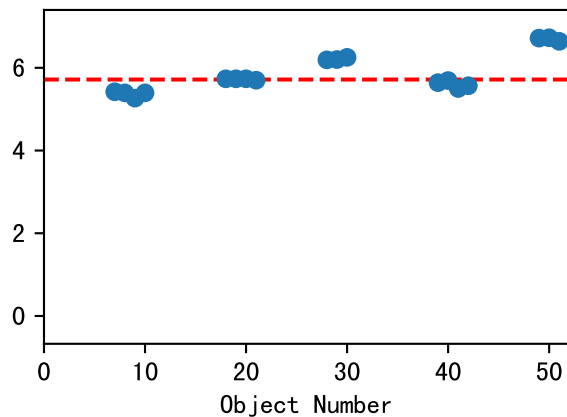
LfL_Q90AbsY (Def=40 Set=45.1)
avg1=45.1~2% avg2=na



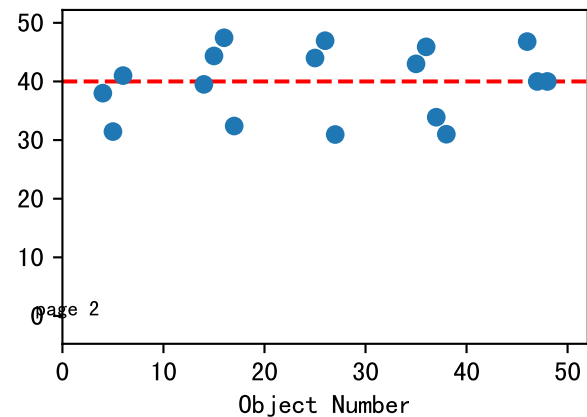
FrD_Q90AbsY (Def=70 Set=60.2)
avg1=60.2~1% avg2=na



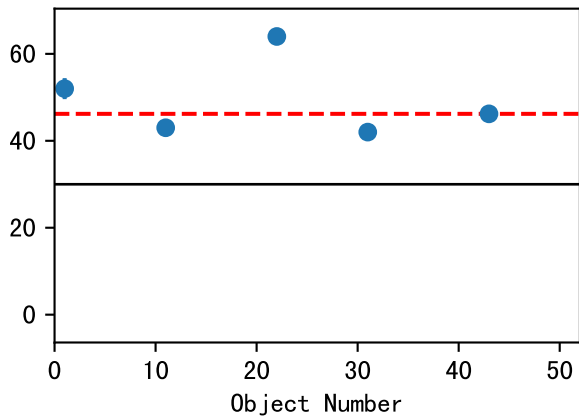
NdL_avgAbsY (Def=na Set=5.72)
avg1=5.72~8% avg2=na



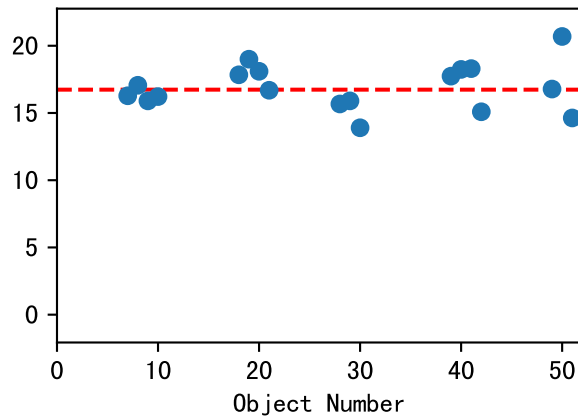
LfL_avgAbsY (Def=na Set=40.0)
avg1=40.0~15% avg2=na



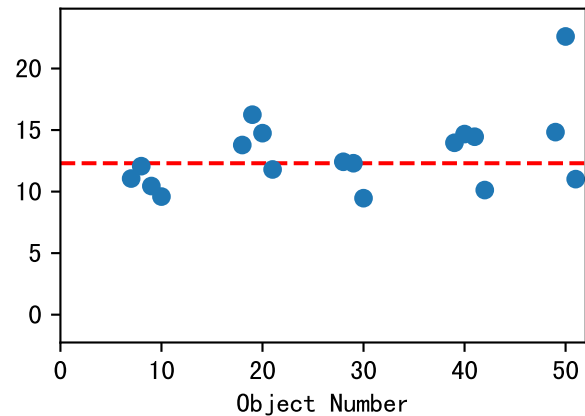
LfW_Q90AbsY (Def=30 Set=46.2)
avg1=46.2~20% avg2=na



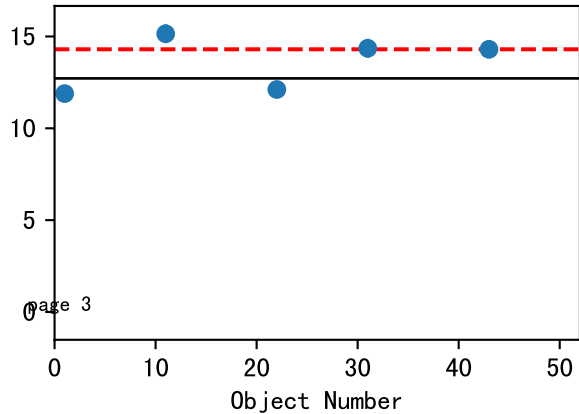
NdD_avgAbsY (Def=na Set=16.73)
avg1=16.73~18% avg2=na



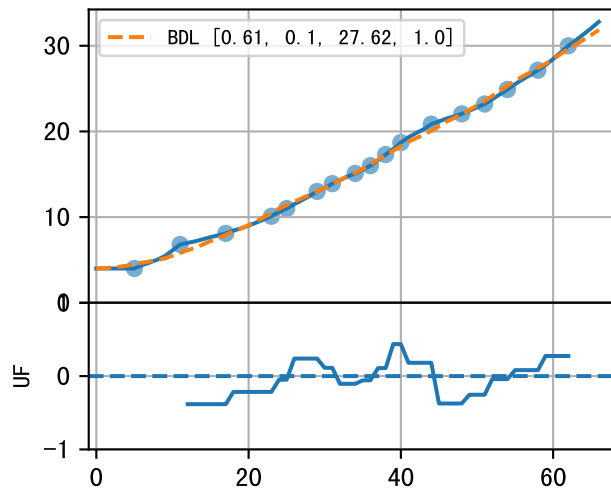
NdV_avgAbsY (Def=na Set=12.3)
avg1=12.3~17% avg2=na



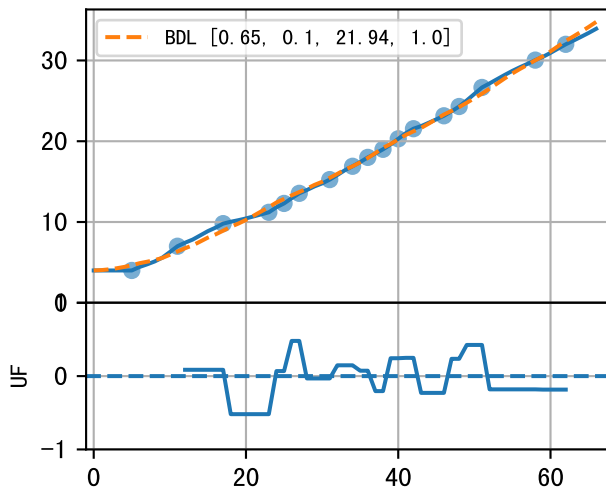
NdV_Q90AbsY (Def=12.72 Set=14.3)
avg1=14.3~10% avg2=na



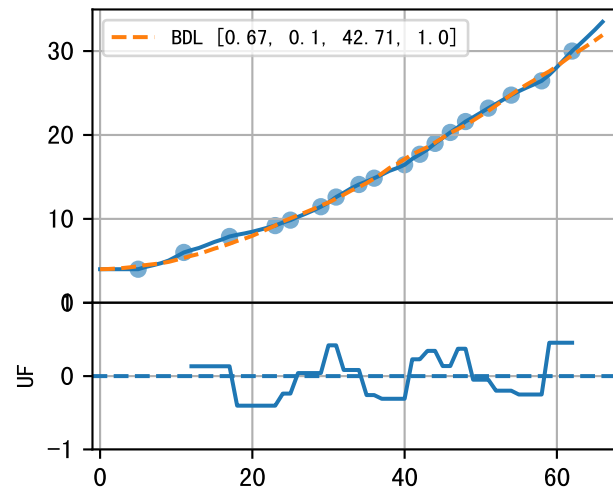
P6AW-058-22 (fit failed)



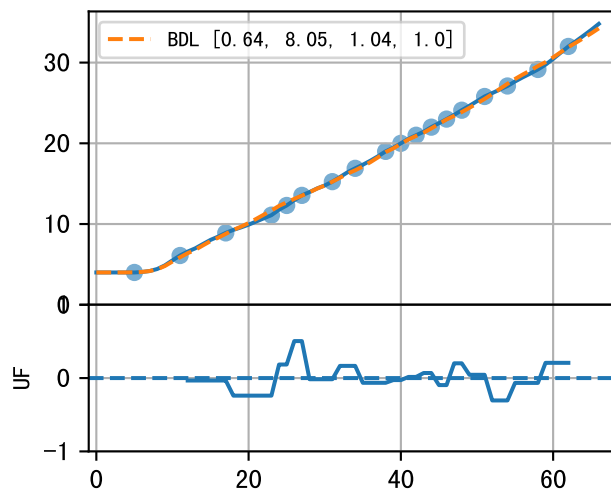
P6AW-074-19 (fit failed)



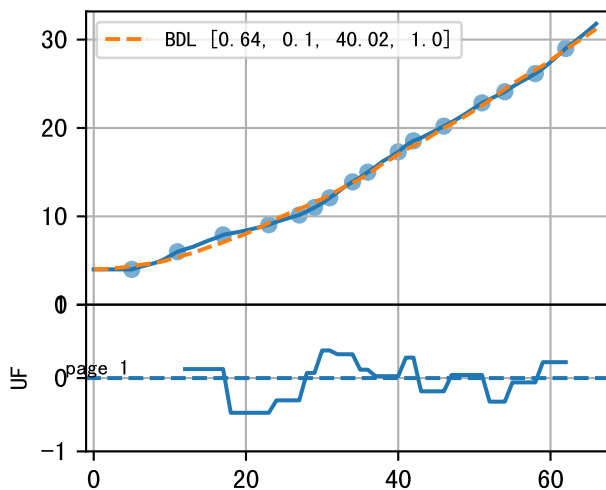
P6AW-087-14 (fit failed)



P6AW-095-29 (fit failed)



P6AW-106-11 (fit failed)



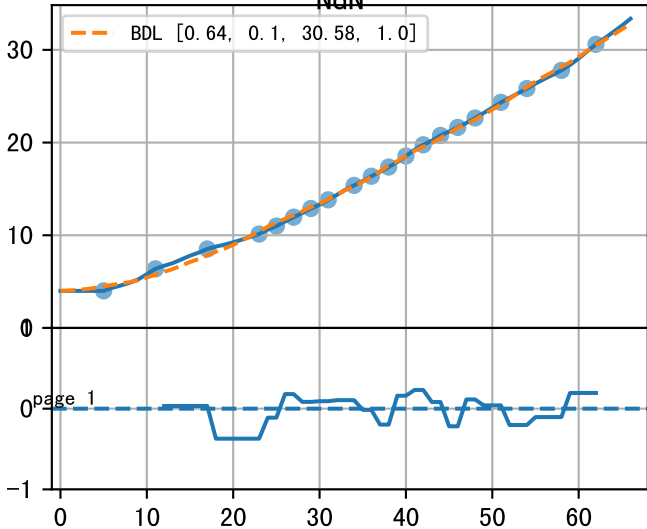
P6AWavg (fit failed)

NdN

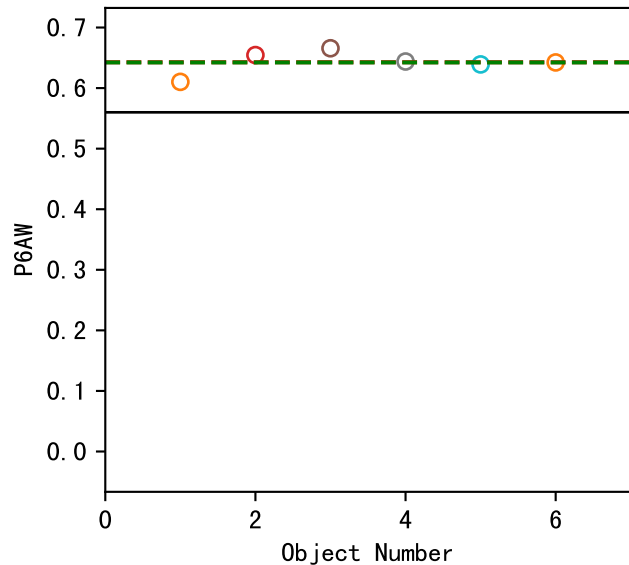
BDL [0.64, 0.1, 30.58, 1.0]

UF

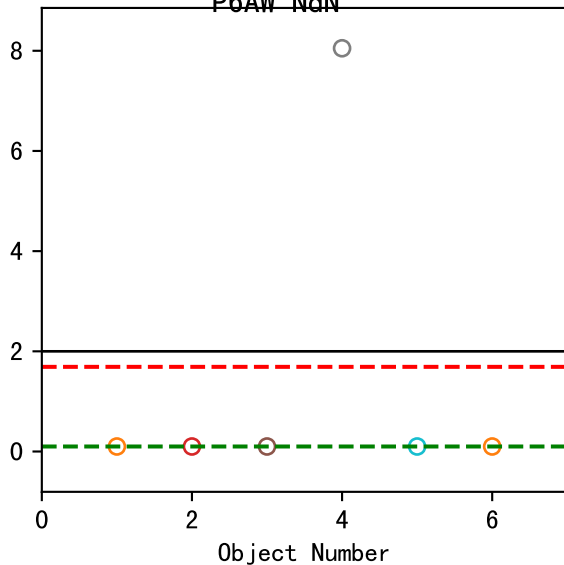
page 1



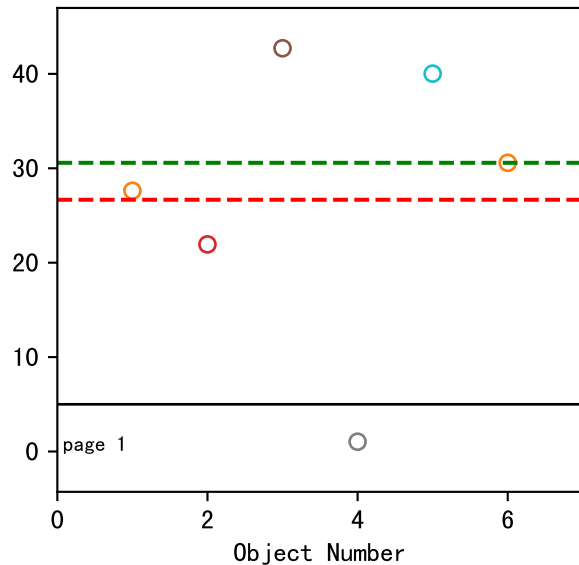
a (Def=0.56 Set=0.64)
avg1=0.64(fail) avg2=0.64



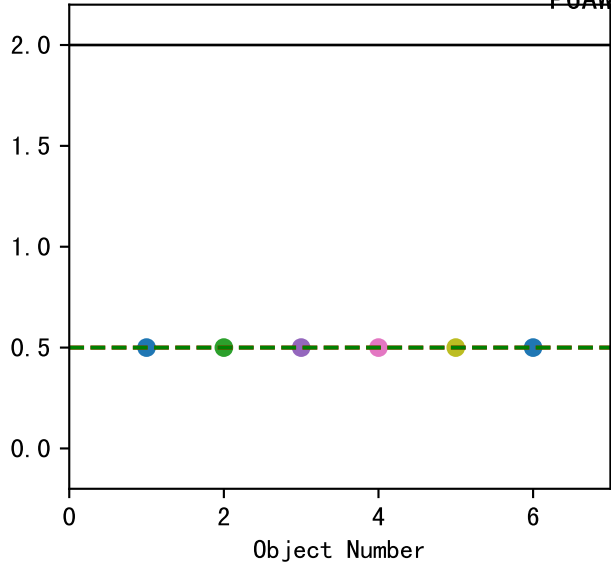
dm (Def=2 Set=0.1)
avg1=1.69(fail) avg2=0.1



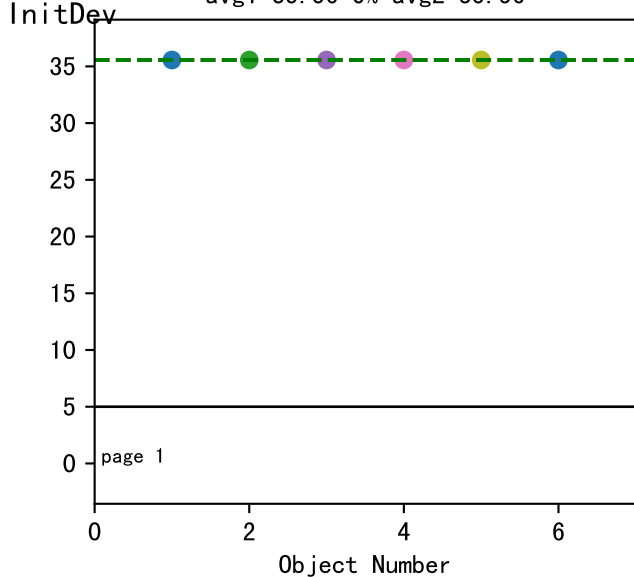
de (Def=5 Set=30.58)
avg1=26.67(fail) avg2=30.58



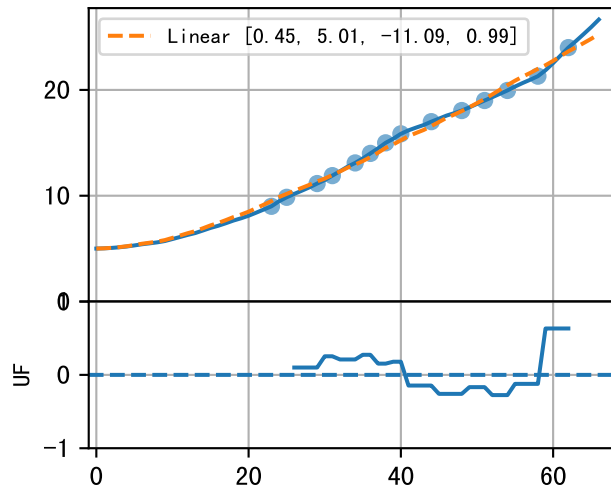
InitDev_dm (Def=2 Set=0.5)
avg1=0.5~0% avg2=0.5



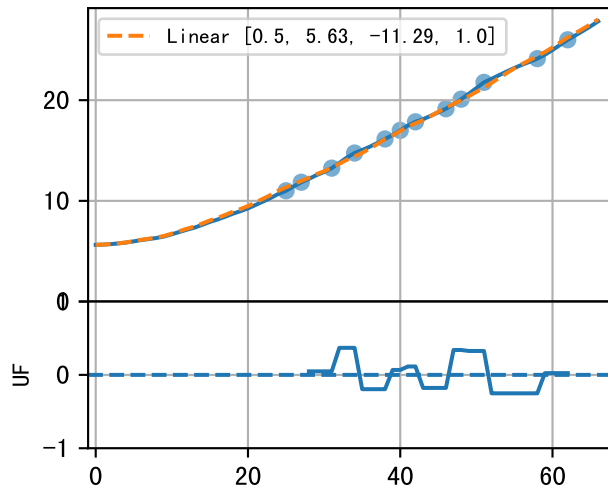
InitDev_de (Def=5 Set=35.56)
avg1=35.56~0% avg2=35.56



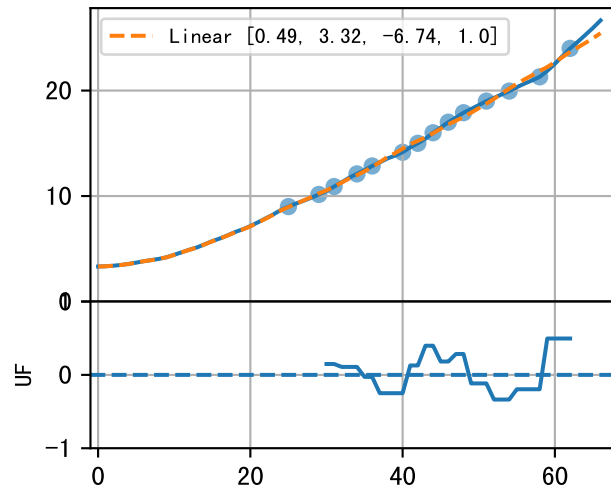
P6AW-058-22



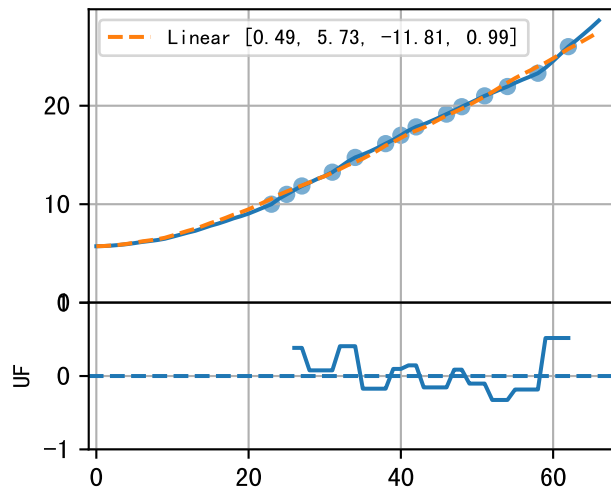
P6AW-074-9



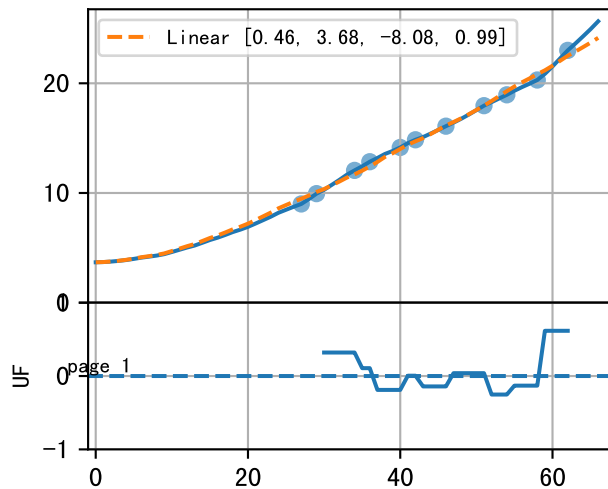
P6AW-087-14



P6AW-095-29



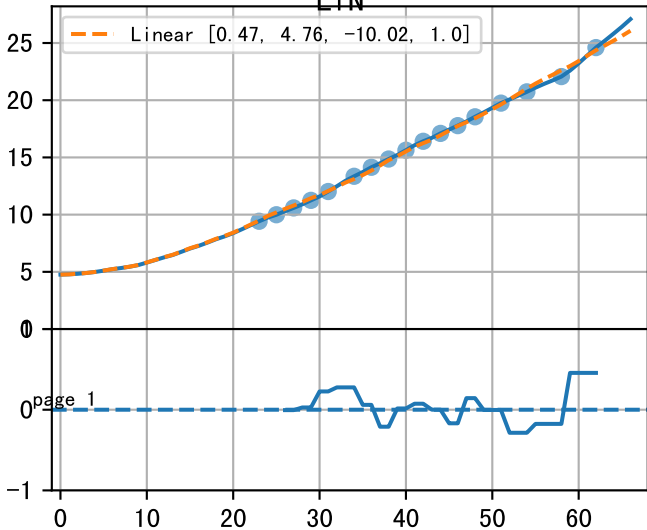
P6AW-106-11



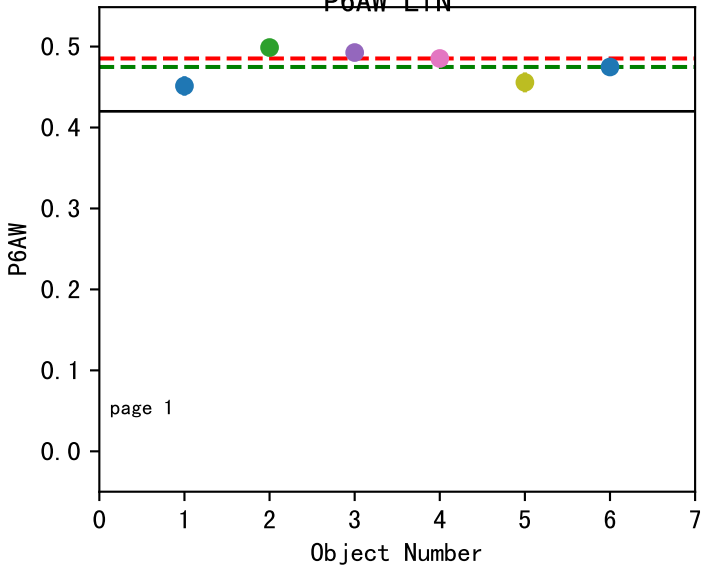
P6AWavg
LfN

Linear [0.47, 4.76, -10.02, 1.0]

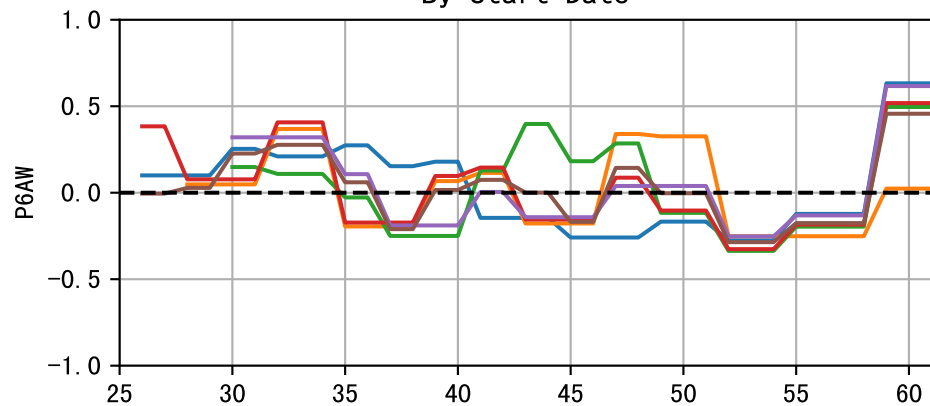
UF
page 1



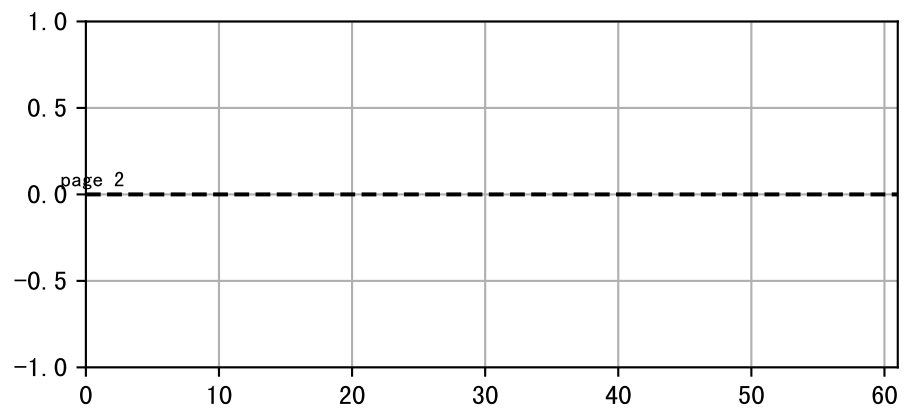
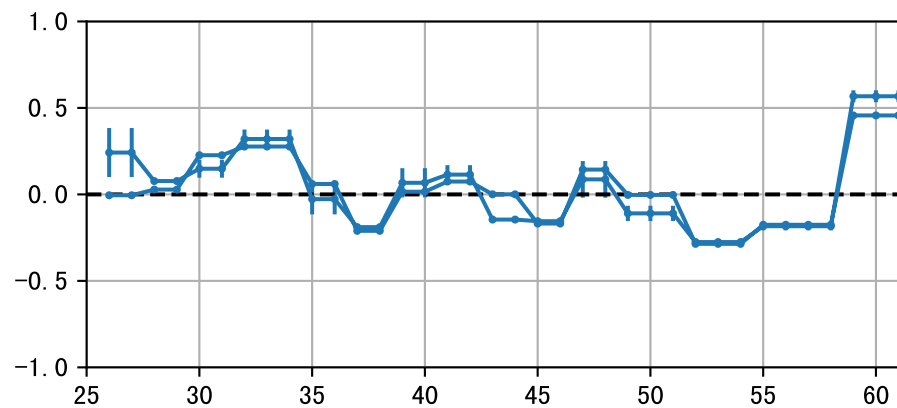
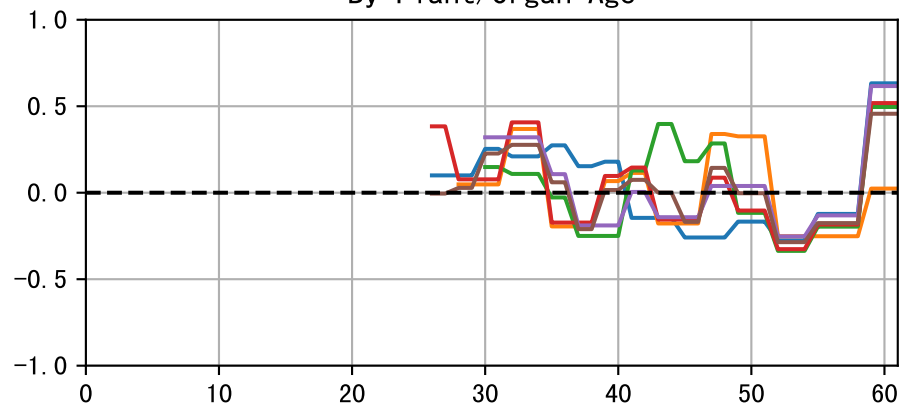
a (Def=0.42 Set=0.47)
avg1=0.49^{~4%} avg2=0.47^{~3%}
P6AW LfN



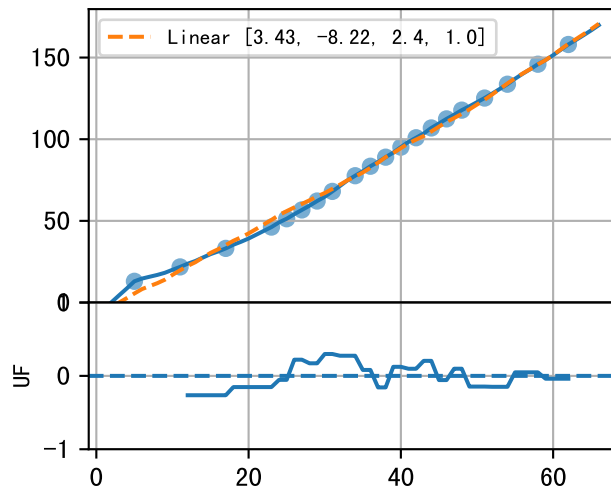
By Start Date



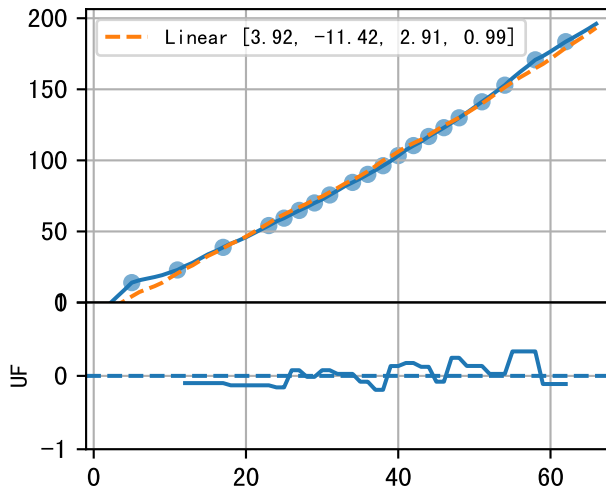
By Plant/Organ Age



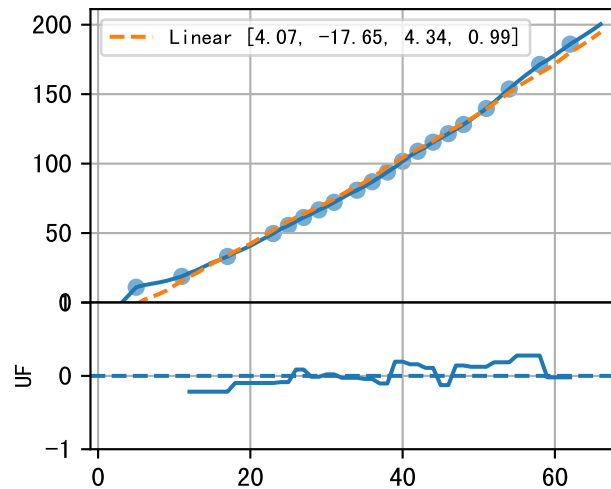
P6AW-058-22



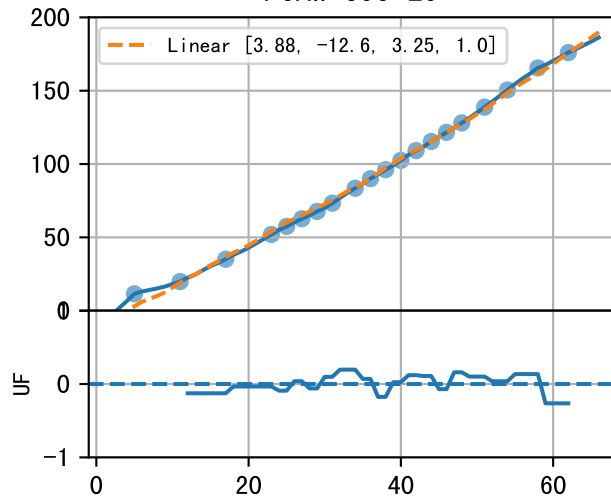
P6AW-074-9



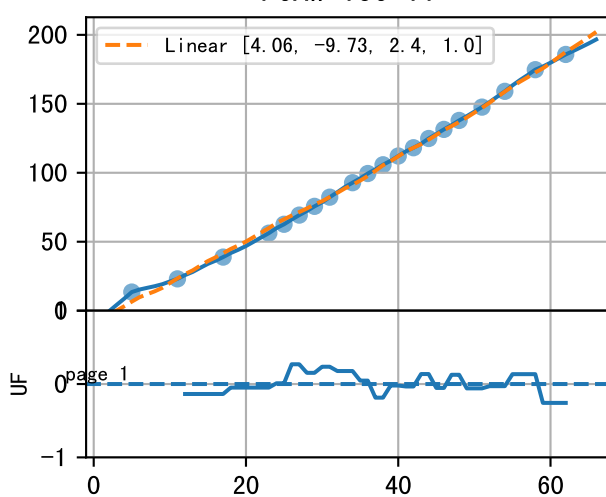
P6AW-087-14



P6AW-095-29

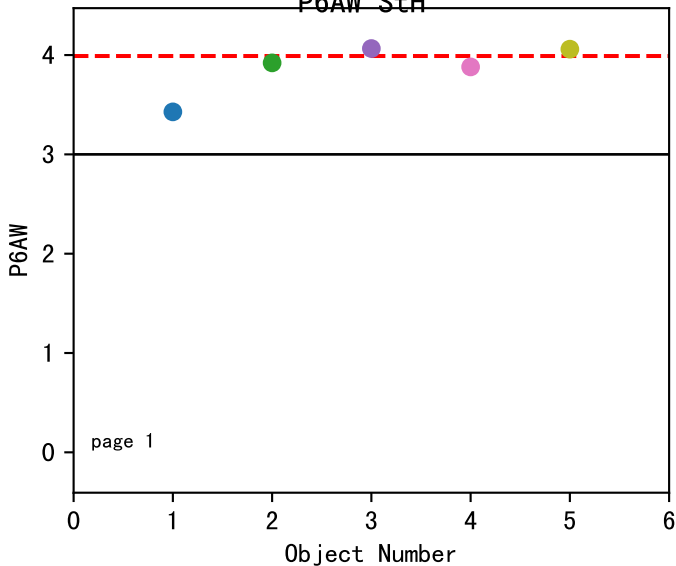


P6AW-106-11

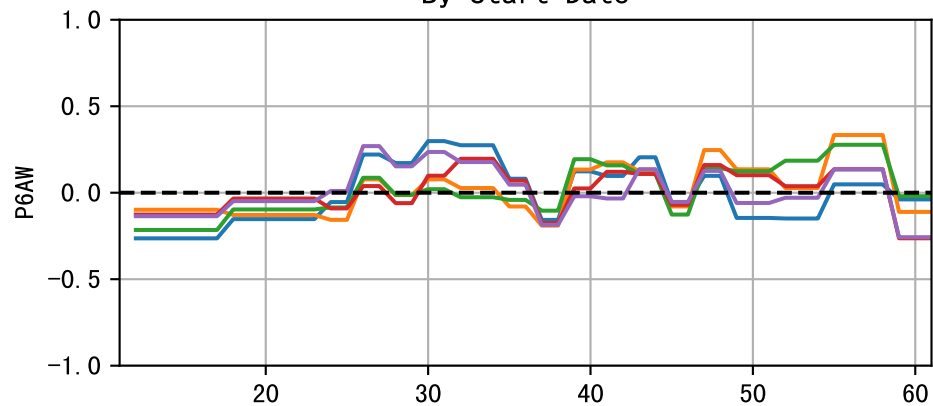


a (Def=3 Set=3.99)
avg1=3.99~2% avg2=na

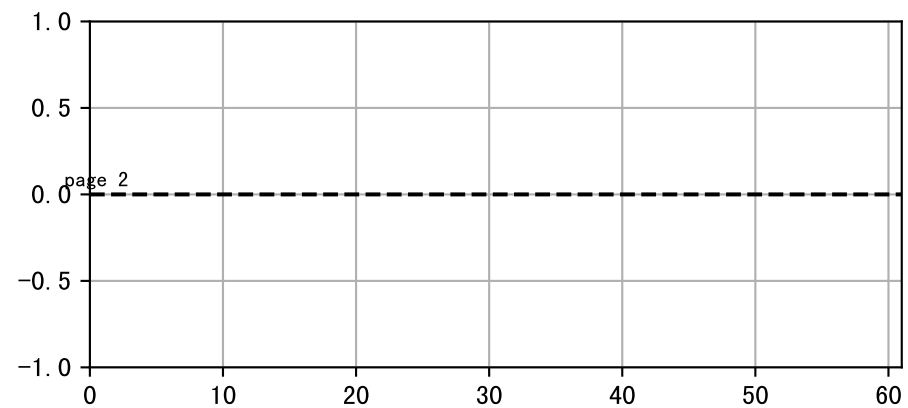
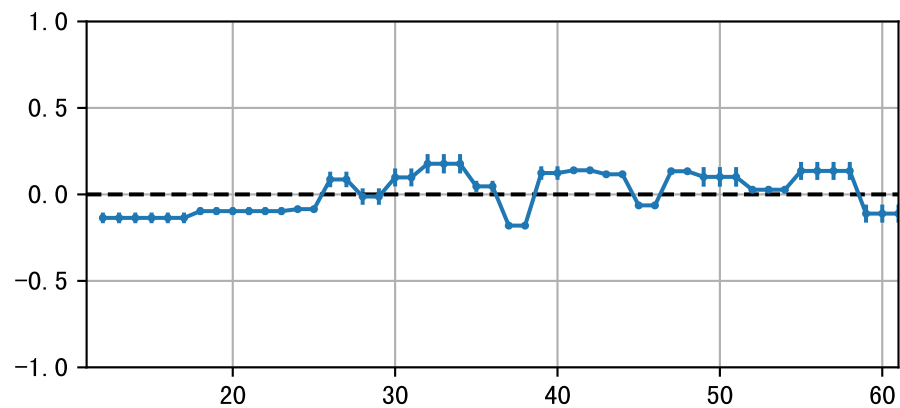
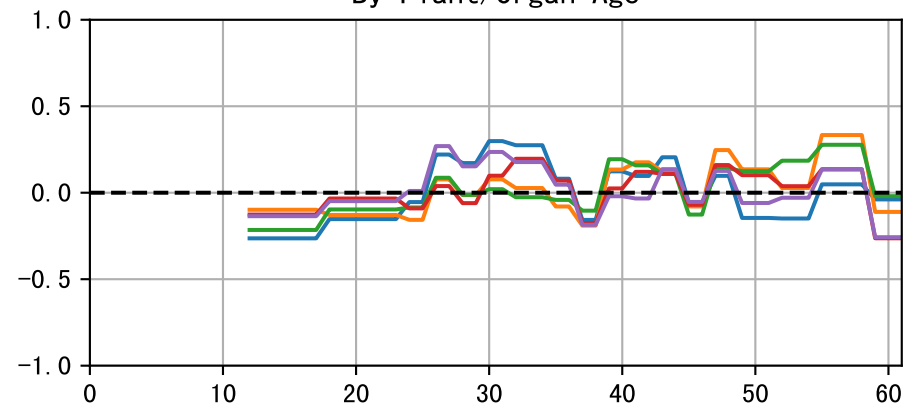
P6AW StH



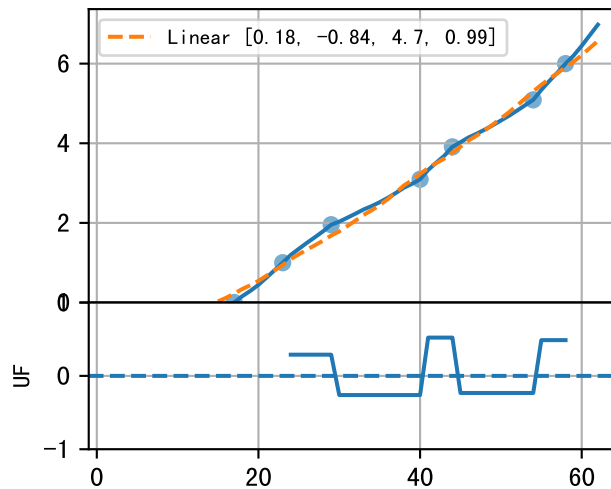
By Start Date



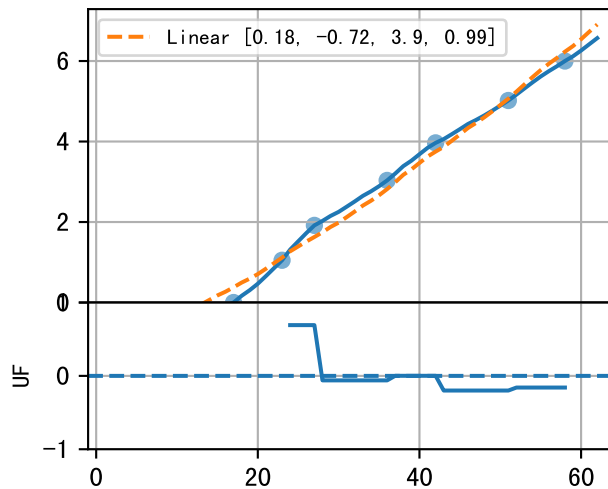
By Plant/Organ Age



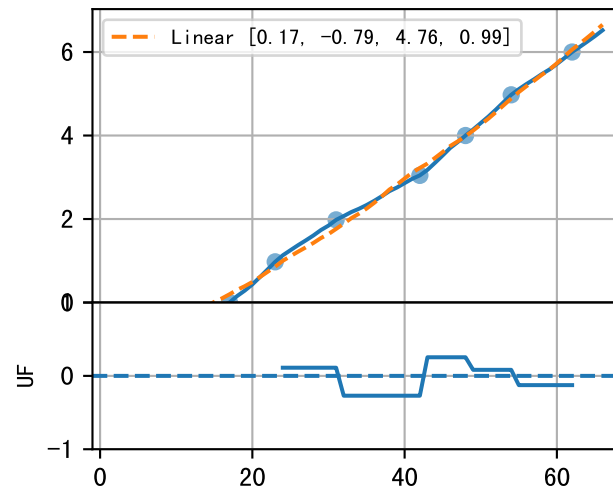
P6AW-058-22



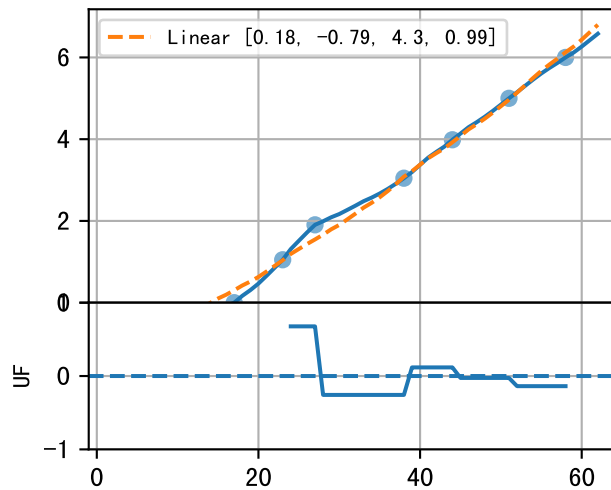
P6AW-074-9



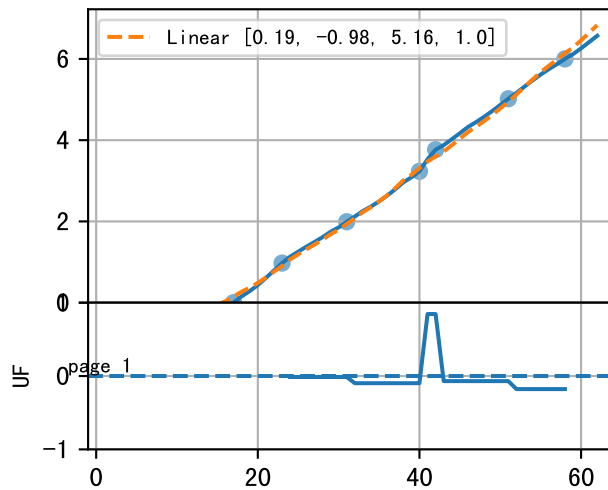
P6AW-087-14



P6AW-095-29



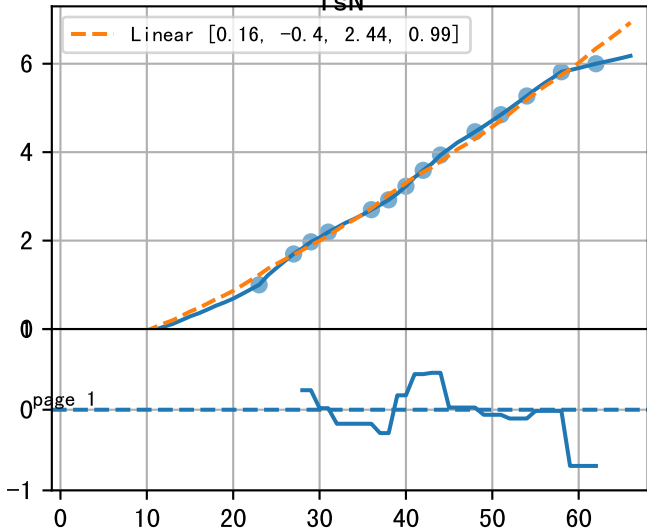
P6AW-106-11



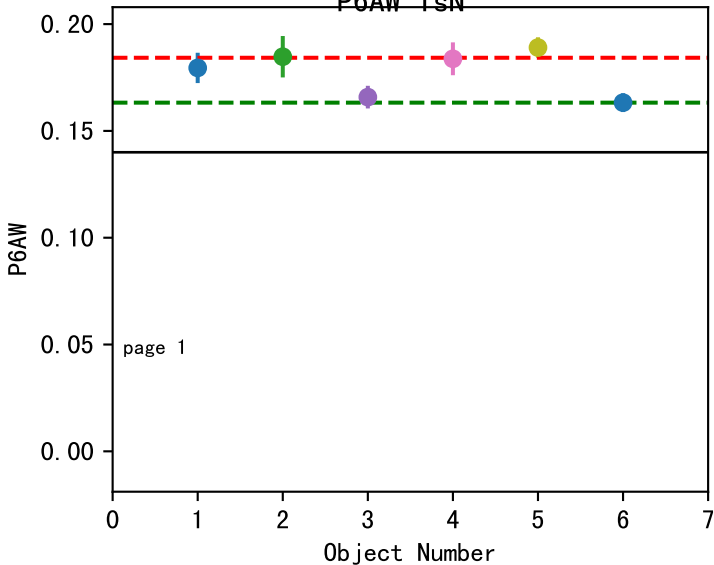
P6AWavg
TSN

Linear [0.16, -0.4, 2.44, 0.99]

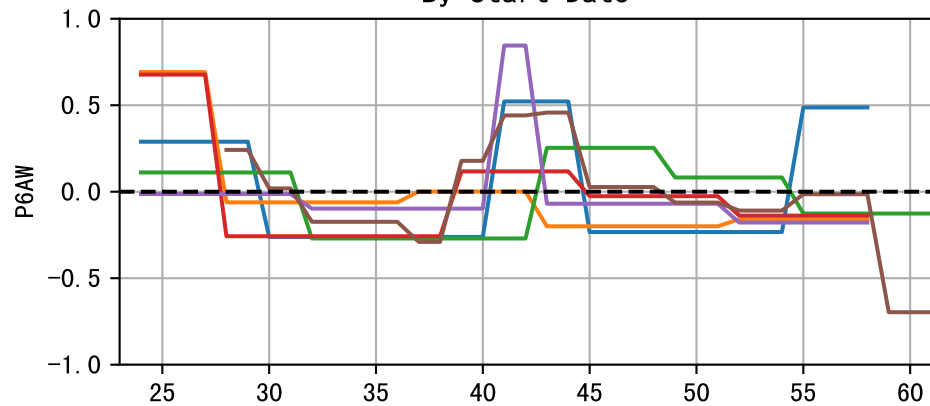
UF
page 1



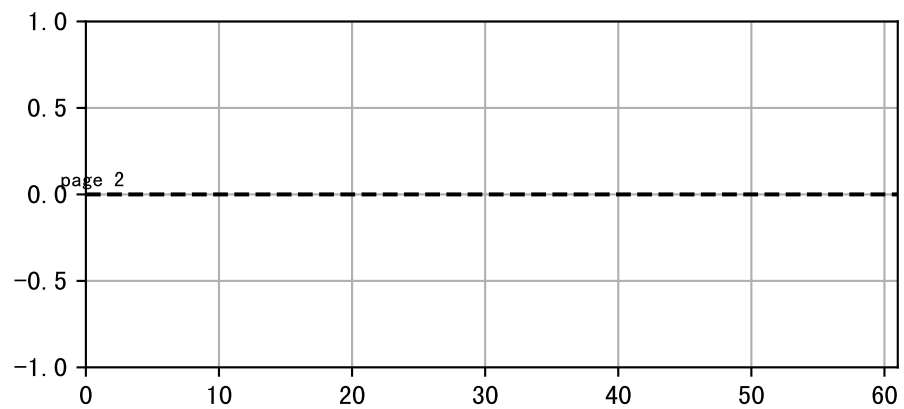
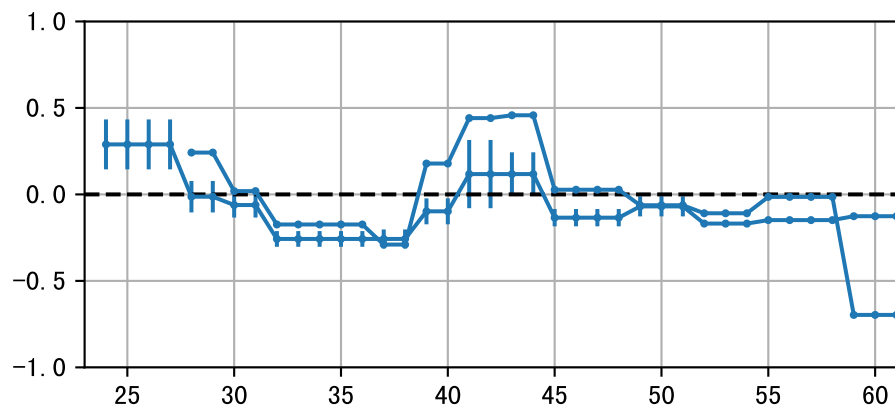
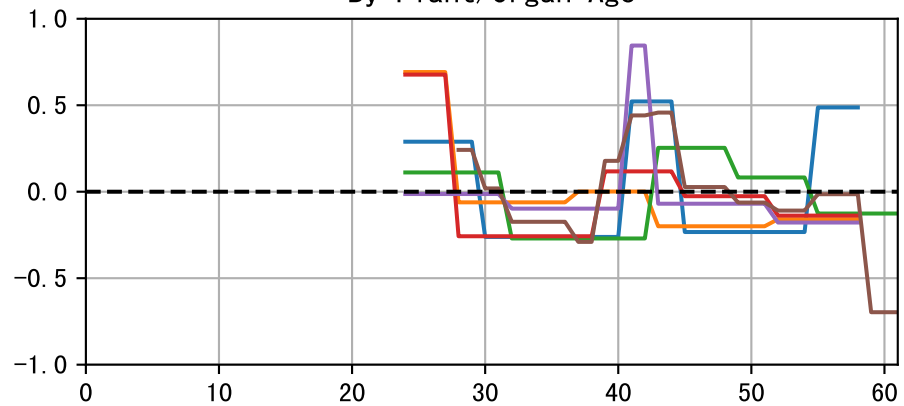
a (Def=0.14 Set=0.16)
avg1=0.18~2% avg2=0.16~6%

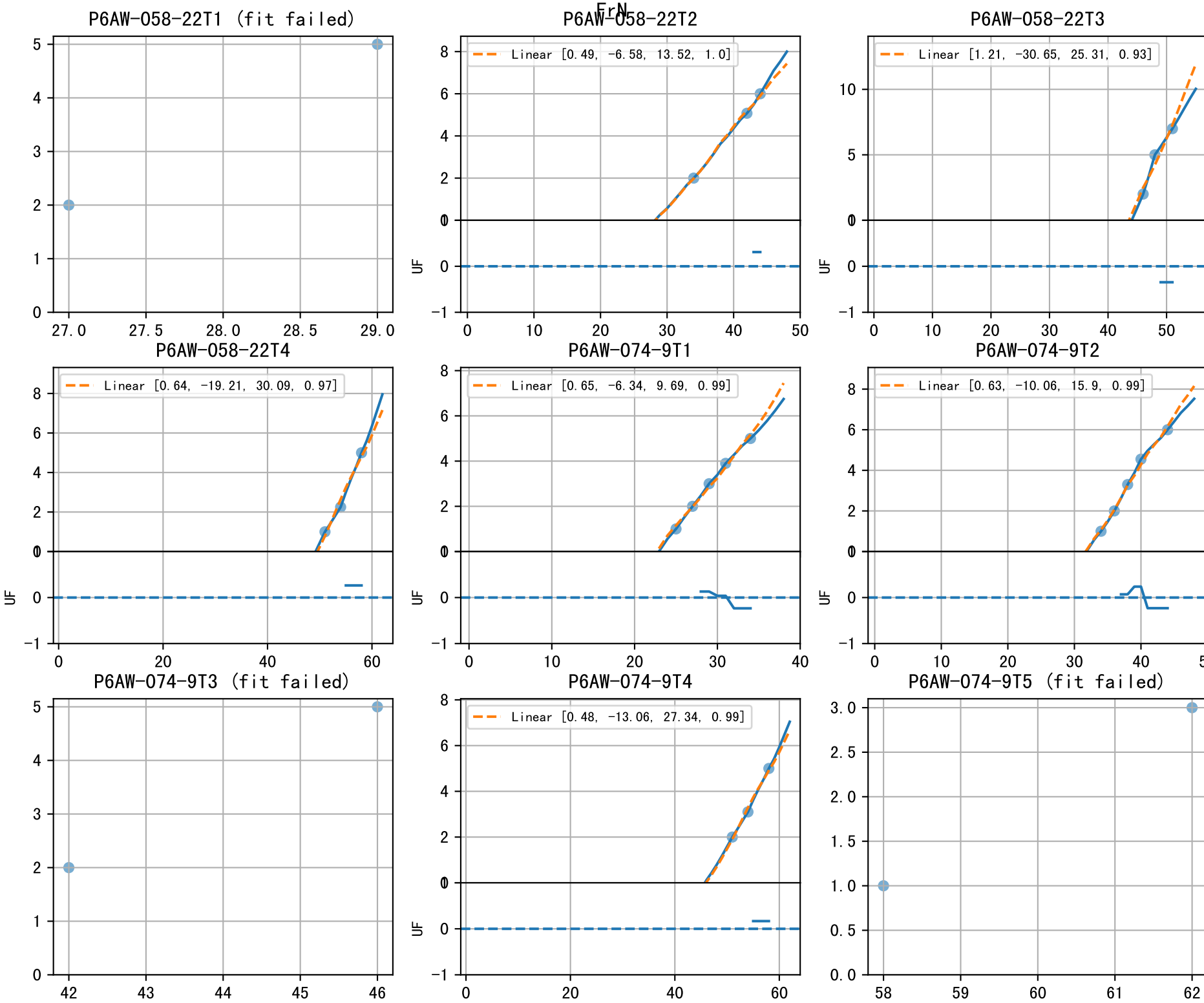


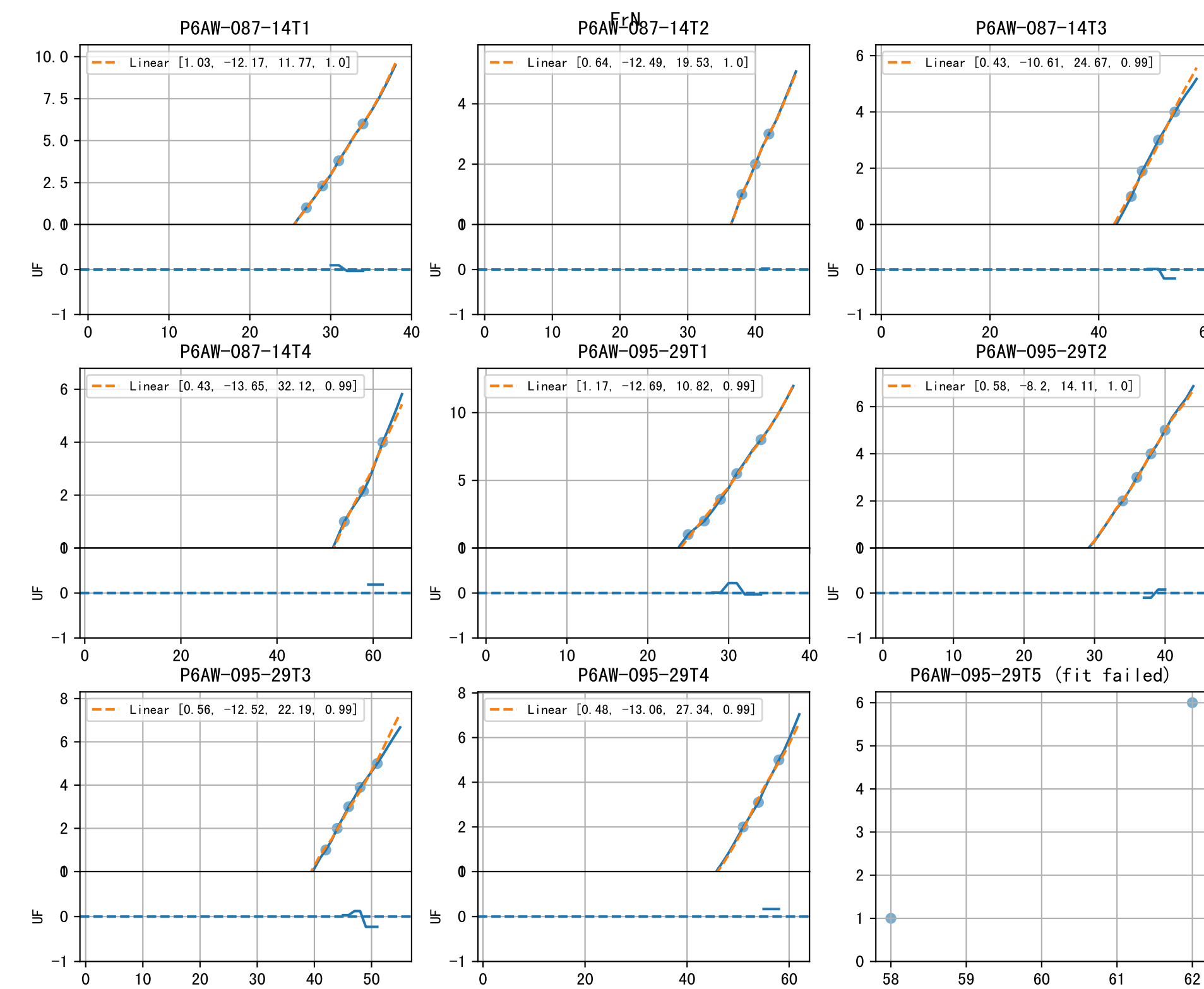
By Start Date



By Plant/Organ Age

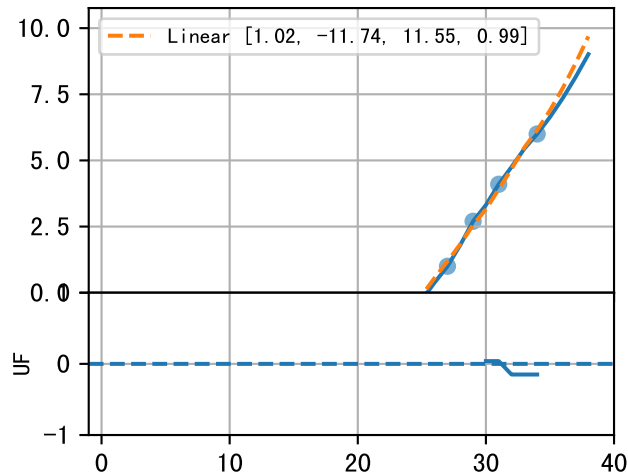




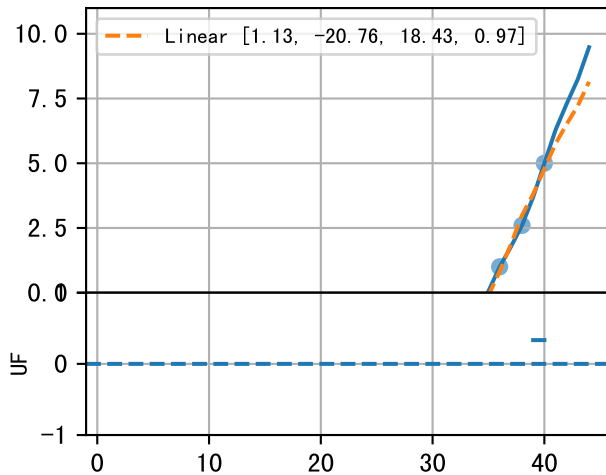


ErN

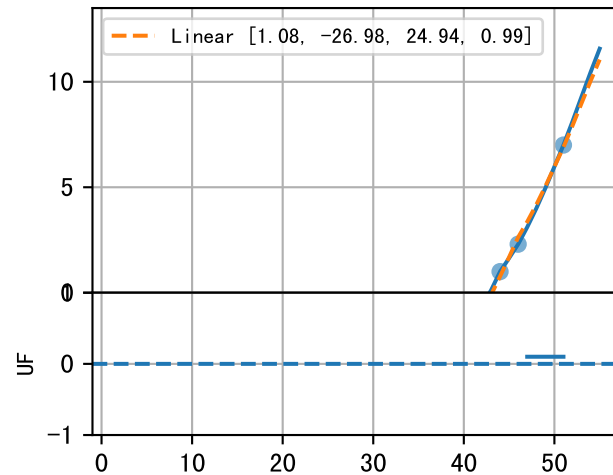
P6AW-106-11T1



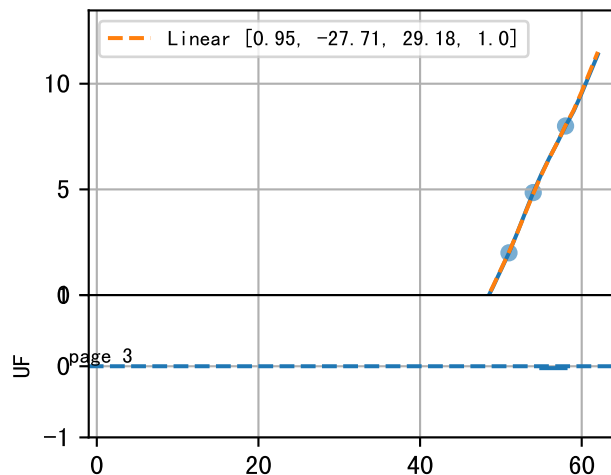
P6AW-106-11T2



P6AW-106-11T3

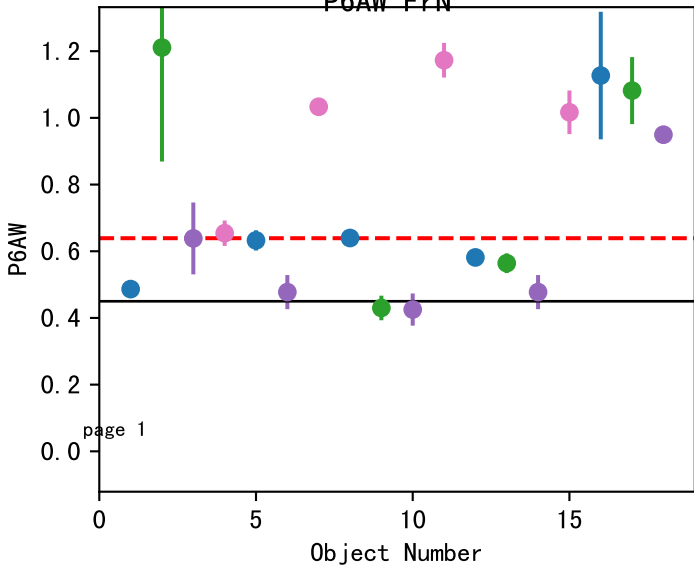


P6AW-106-11T4

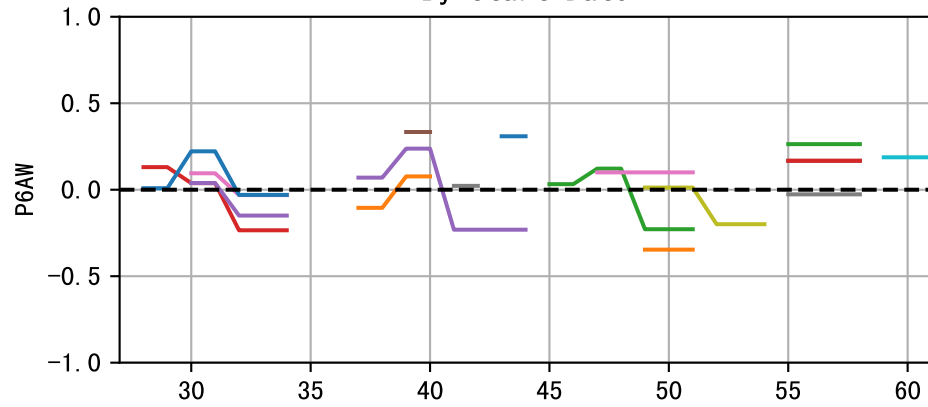


a (Def=0.45 Set=0.64)
 avg1=0.64~44% avg2=na

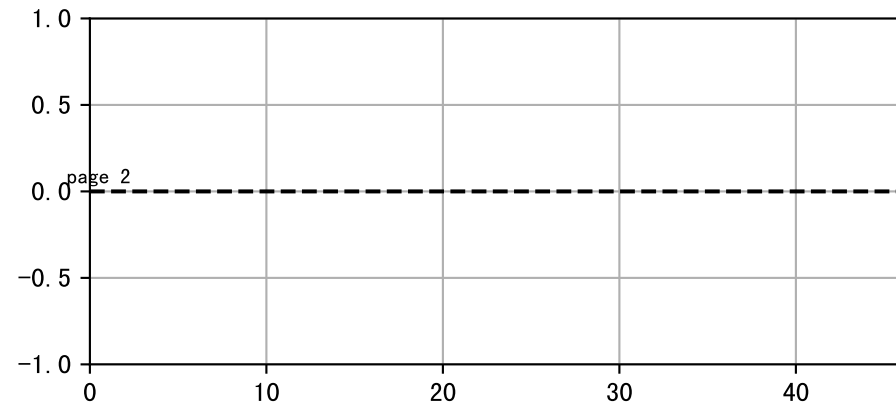
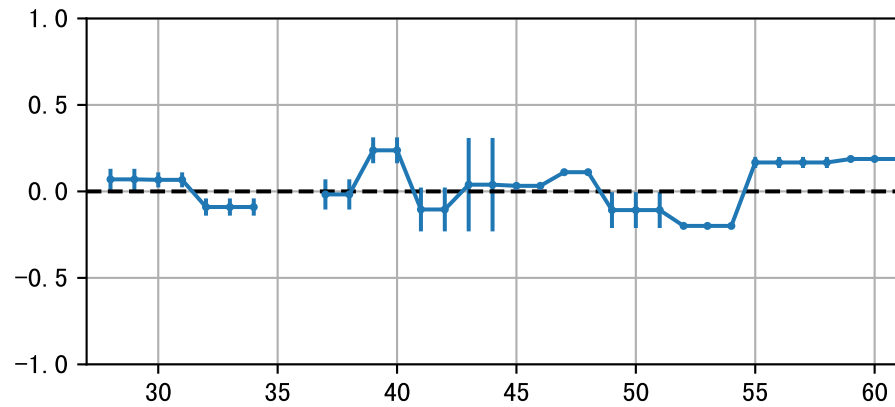
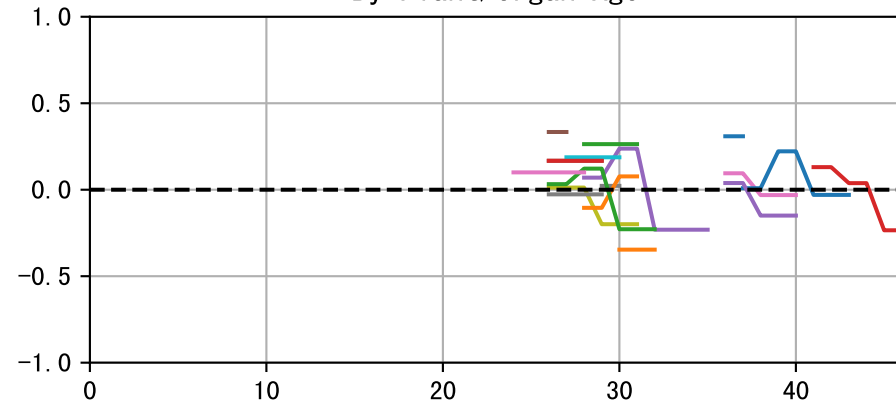
P6AW FrN

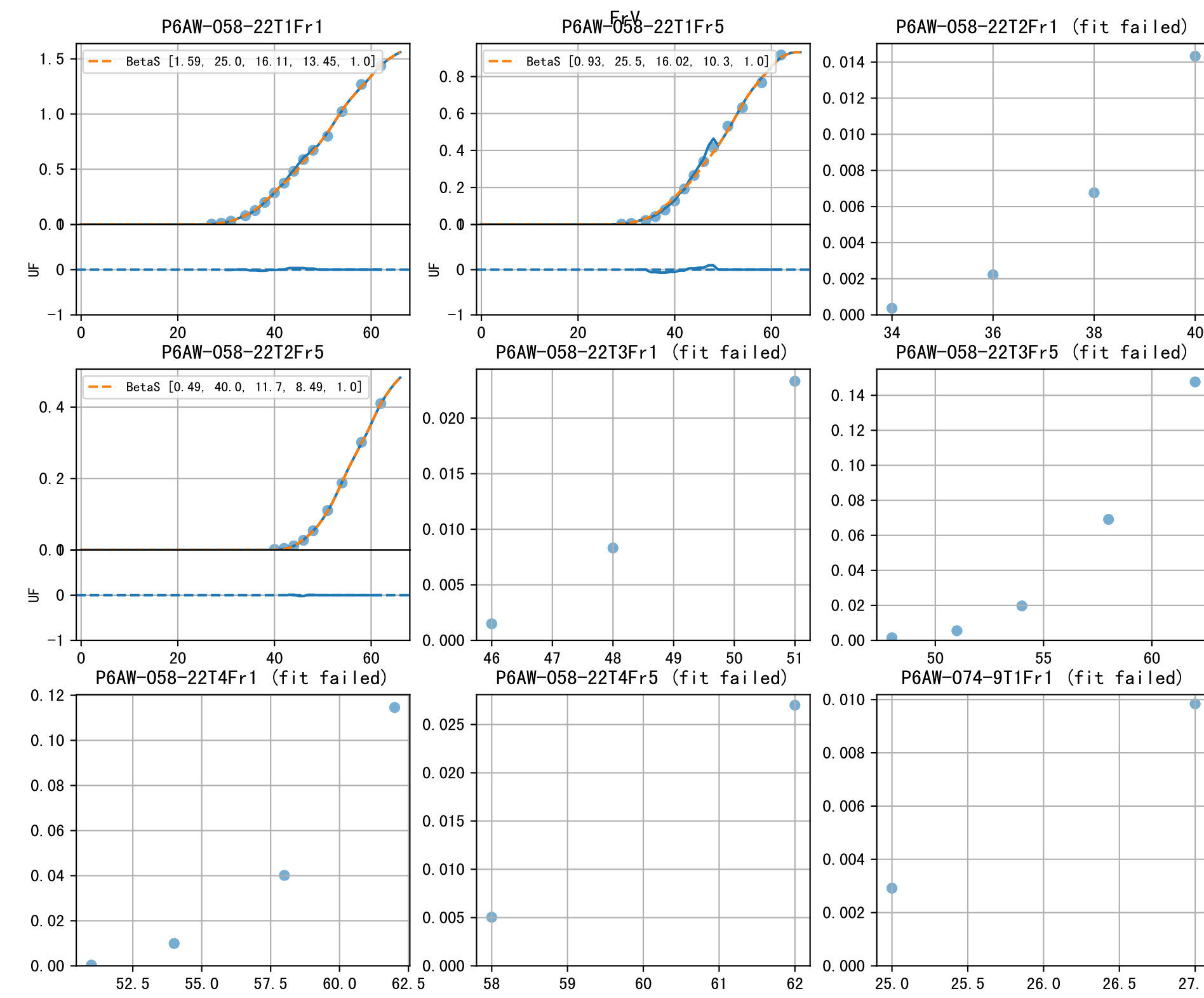


By Start Date

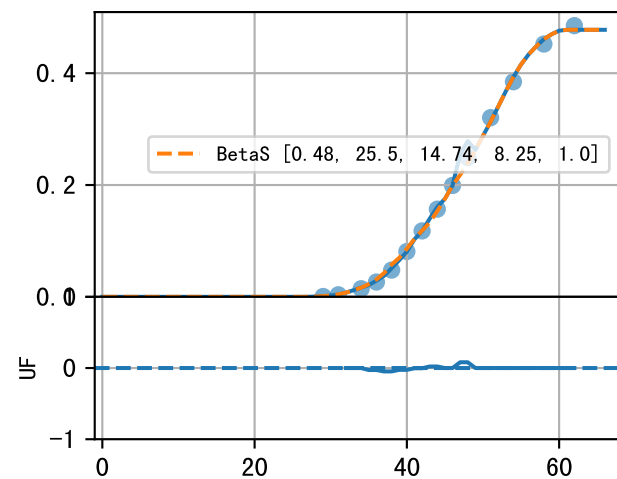


By Plant/Organ Age

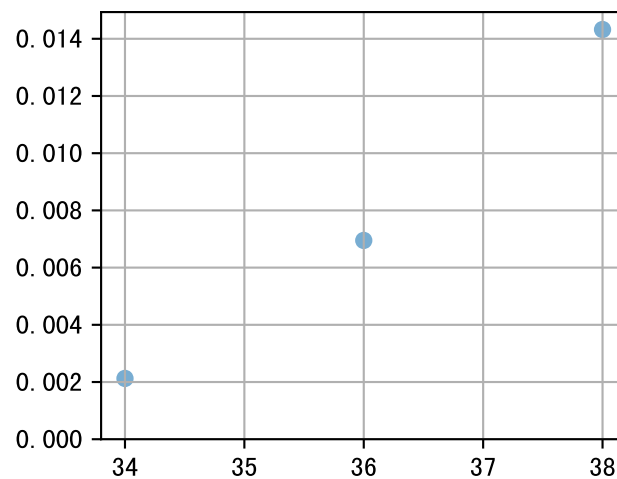




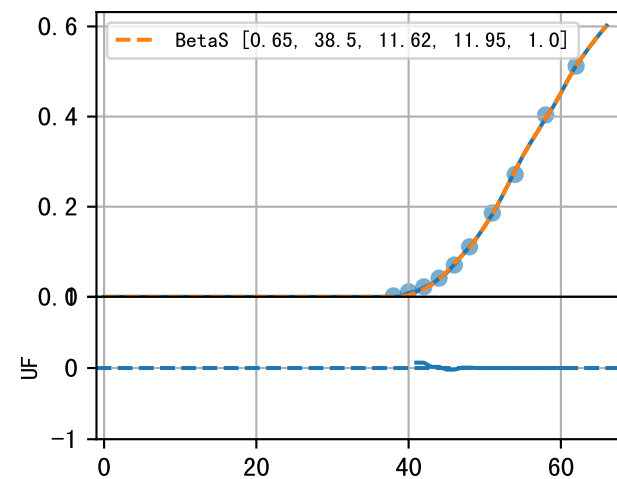
P6AW-074-9T1Fr5



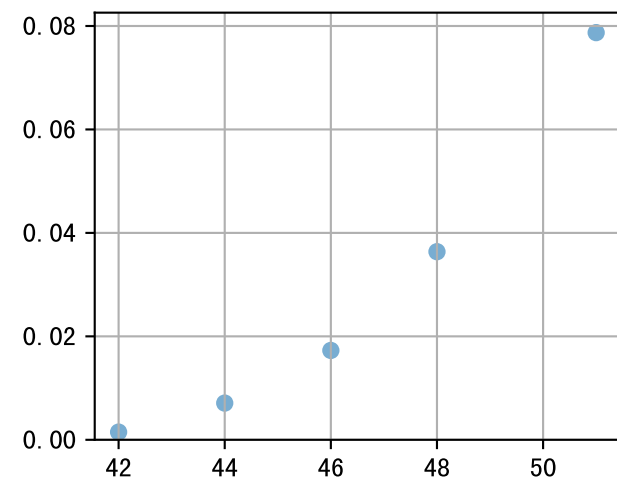
P6AW-074-9T2Fr1 (fit failed)



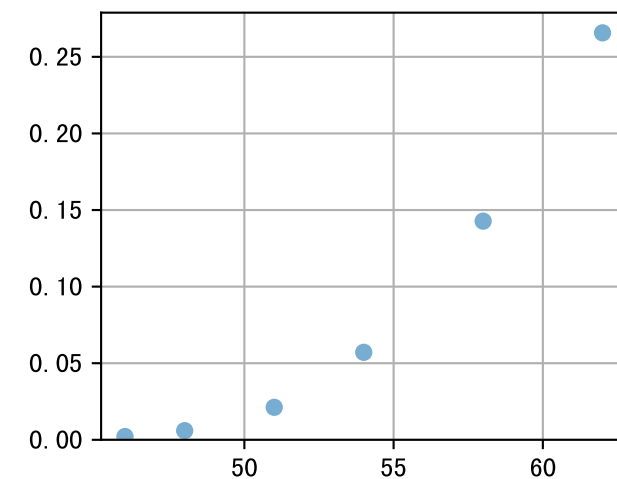
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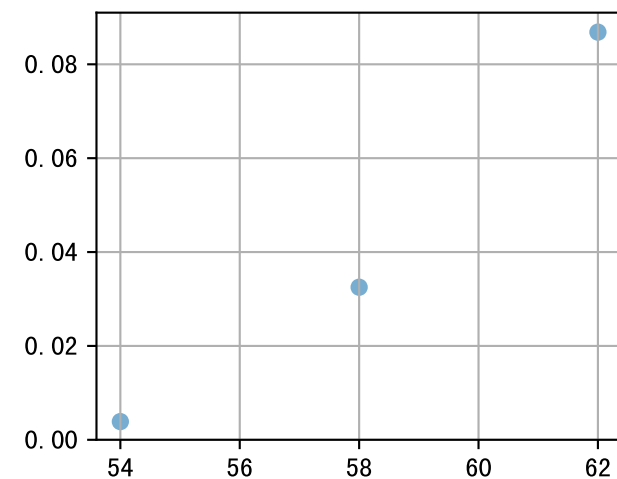
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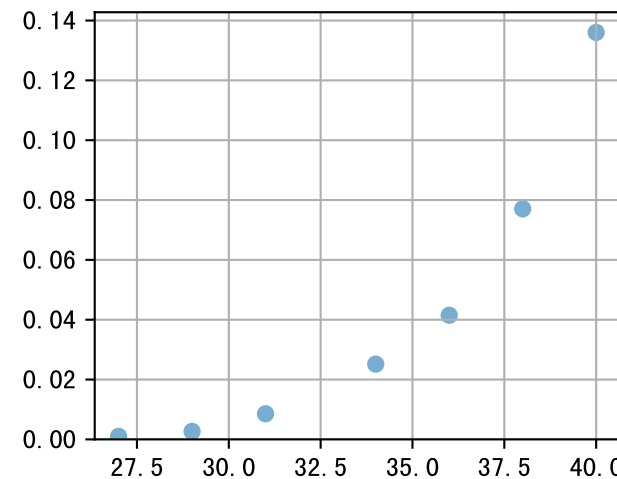
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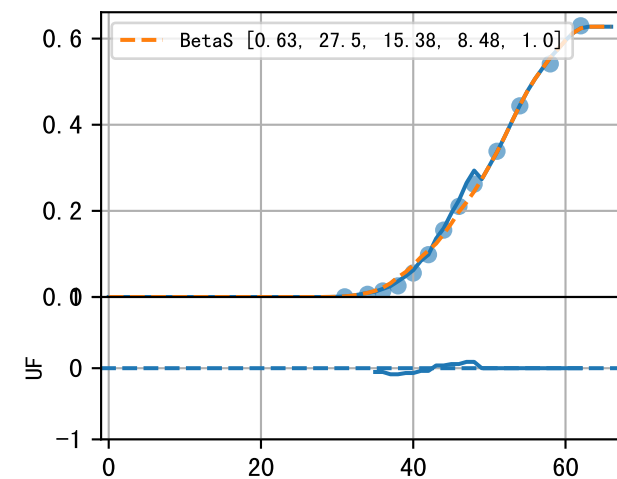
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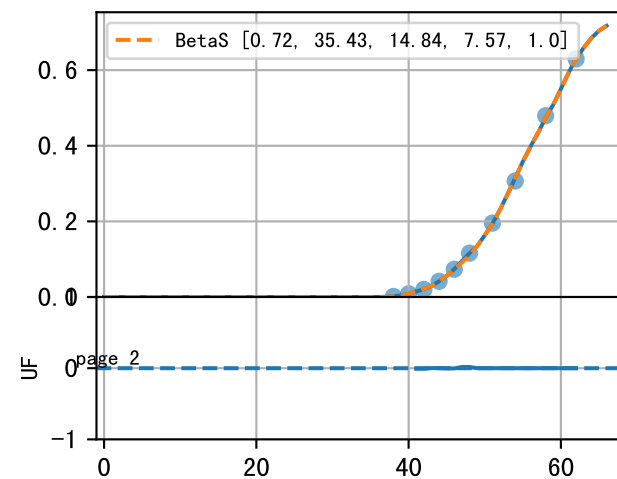
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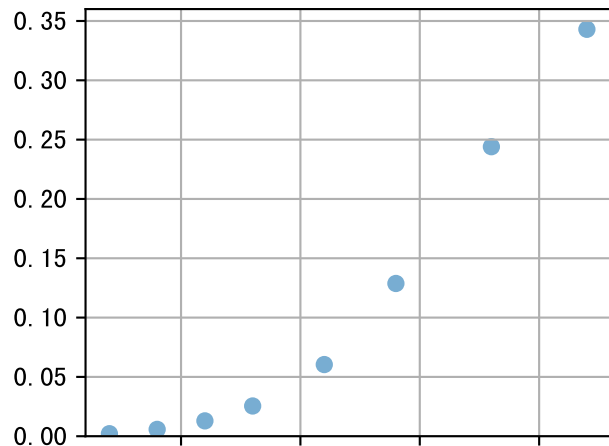
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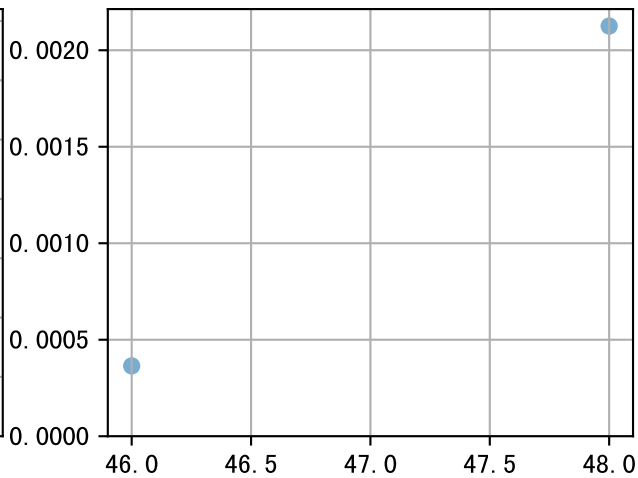
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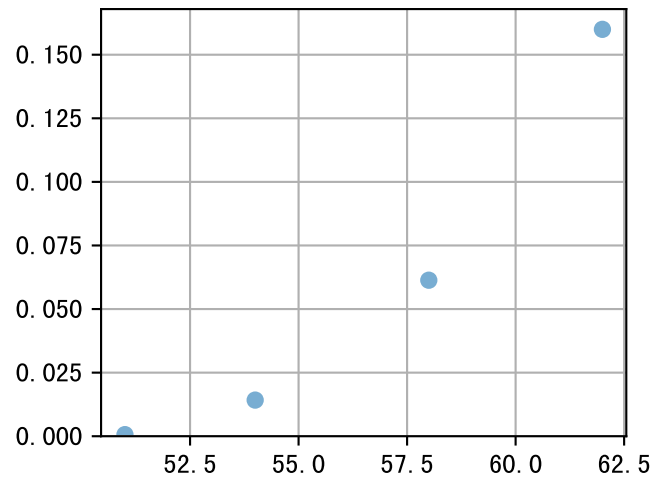
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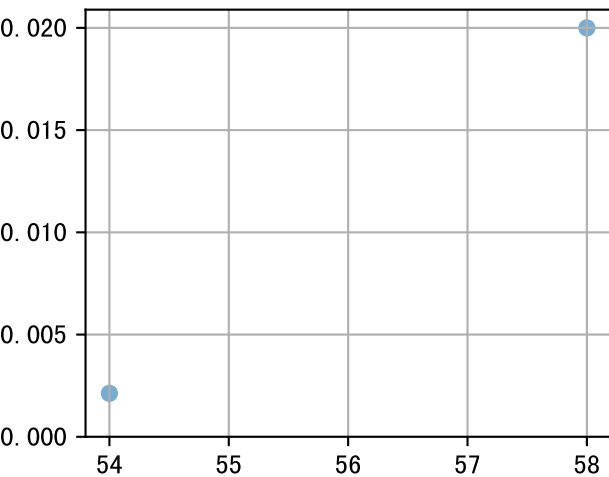
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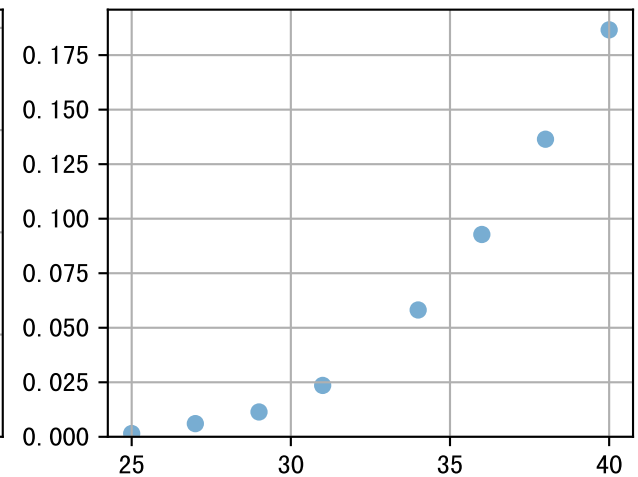
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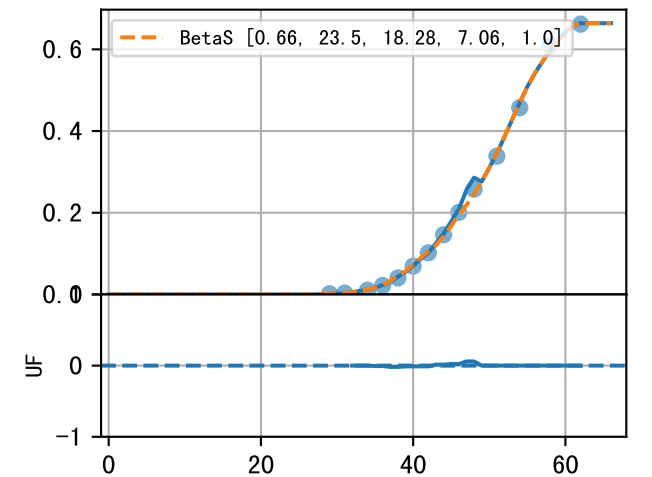
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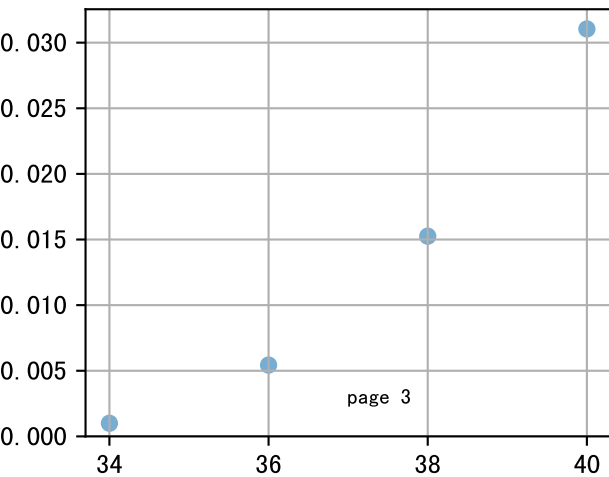
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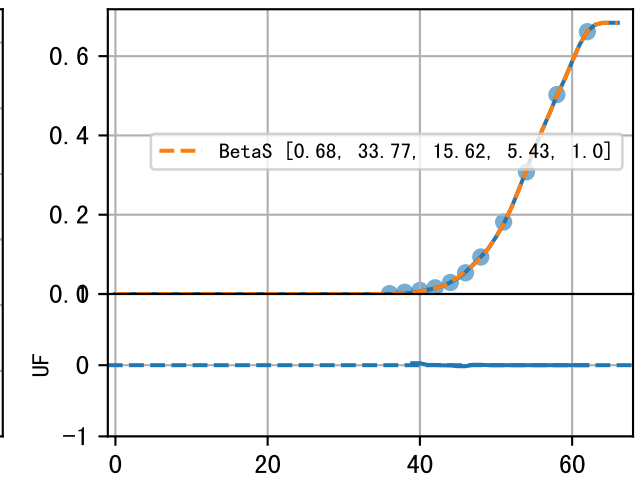
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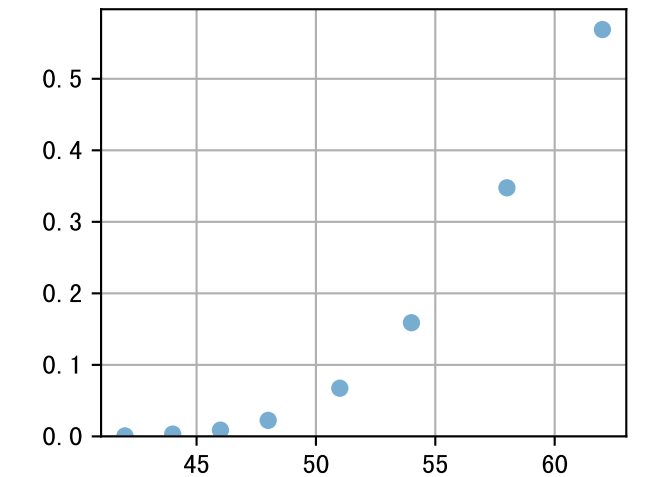
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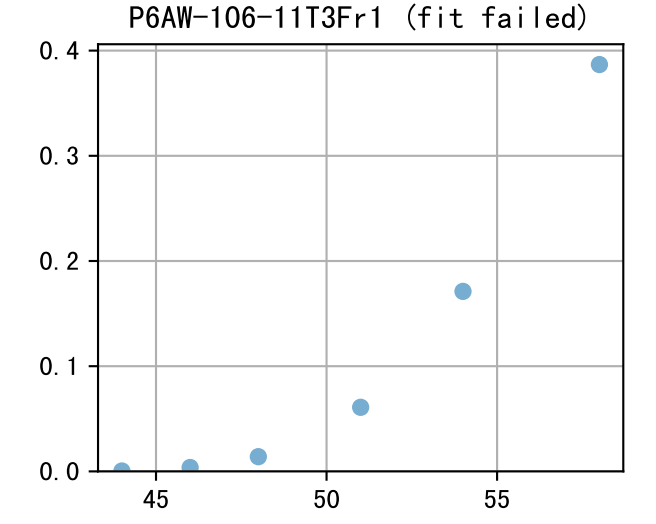
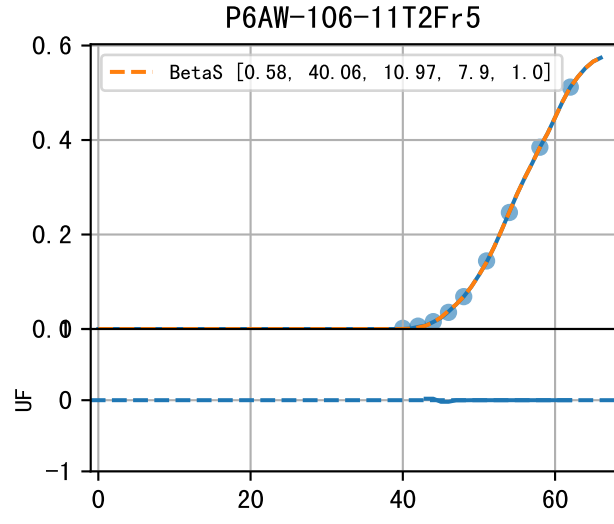
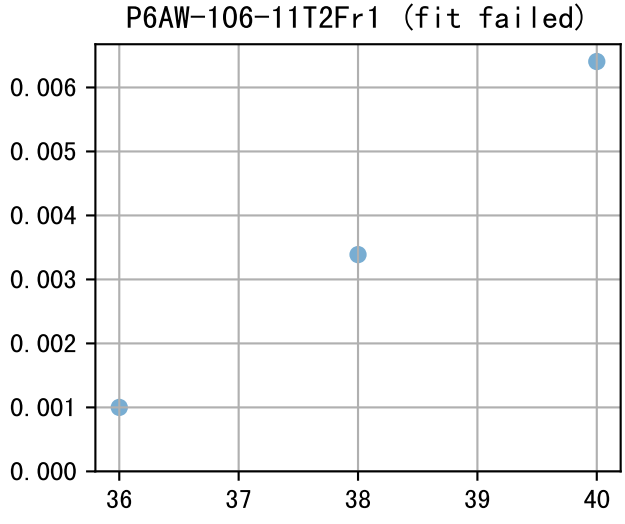
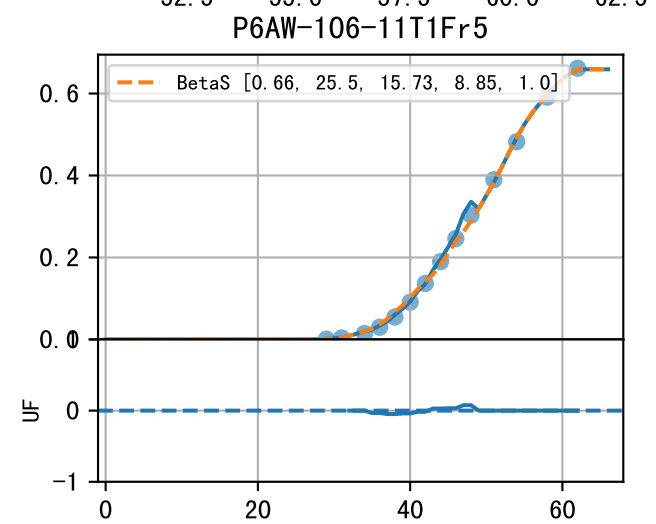
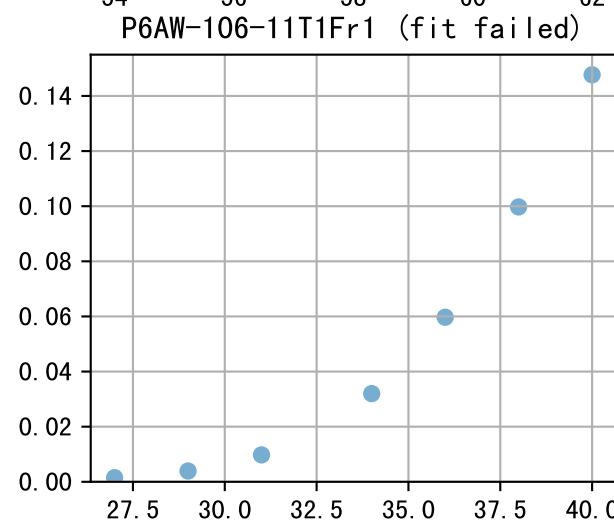
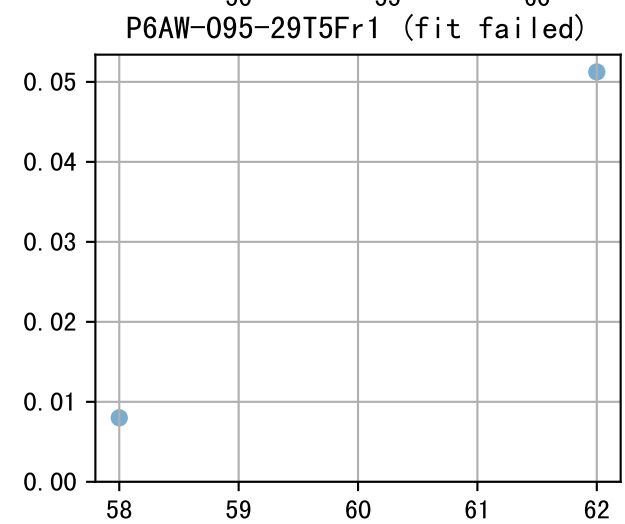
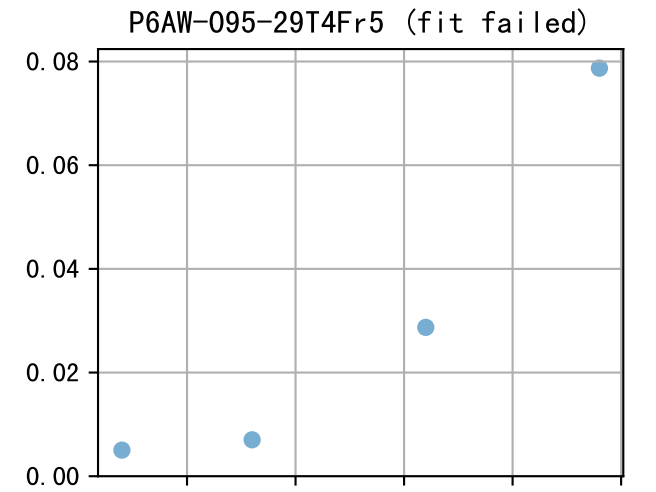
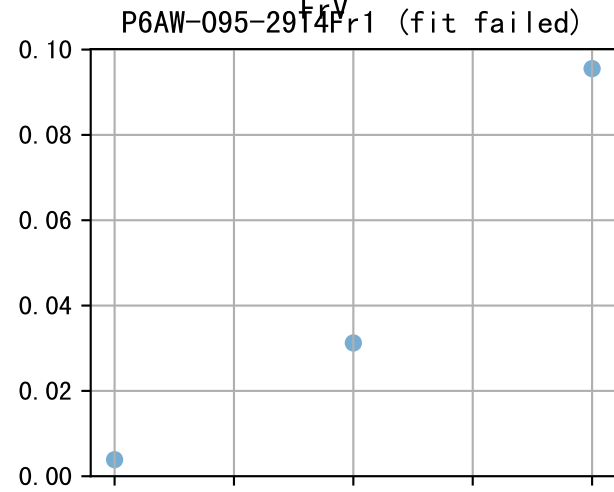
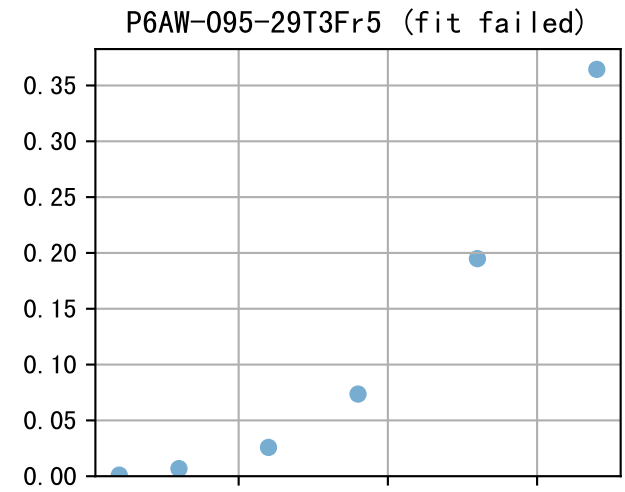
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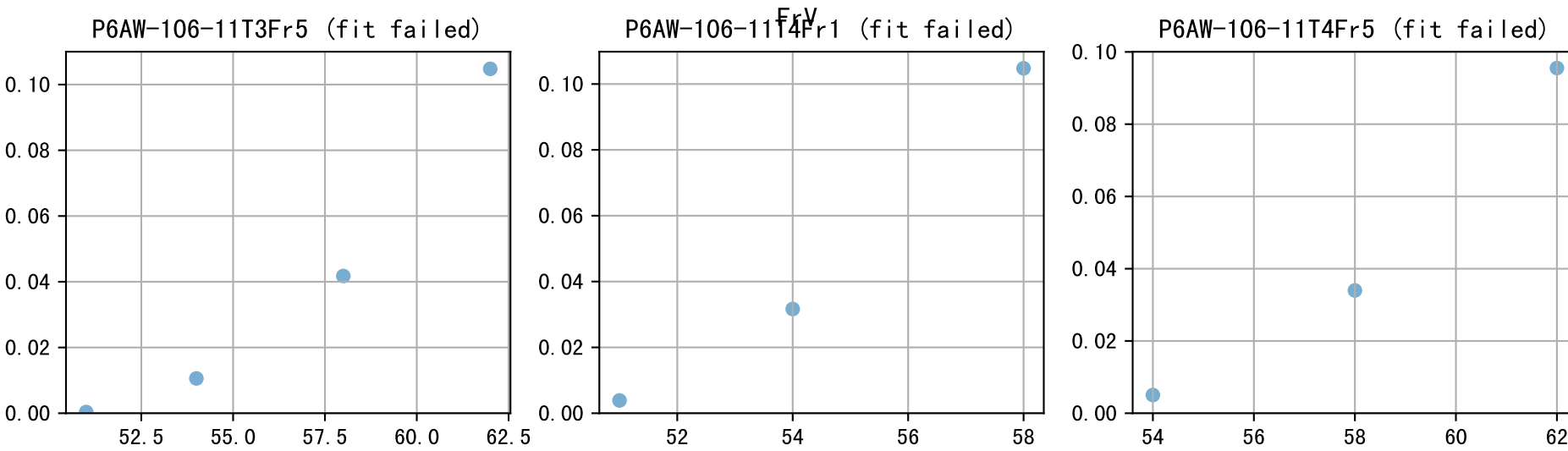


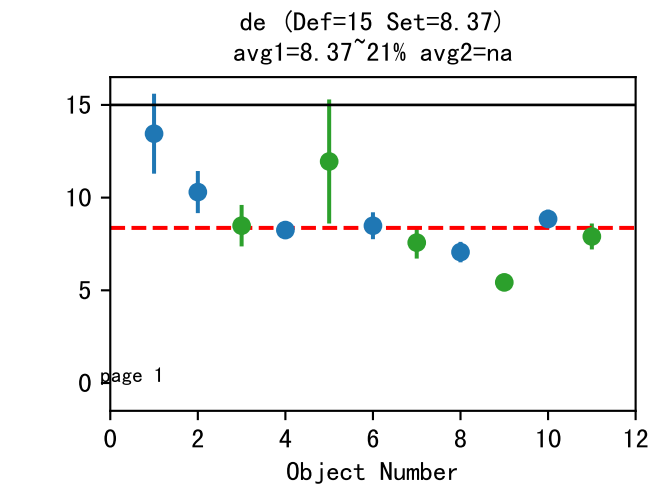
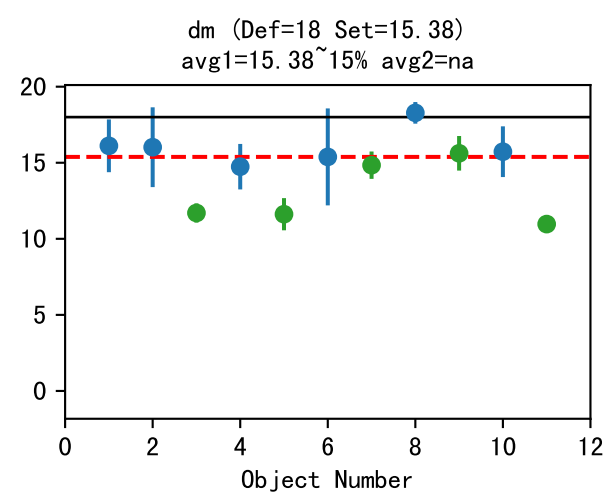
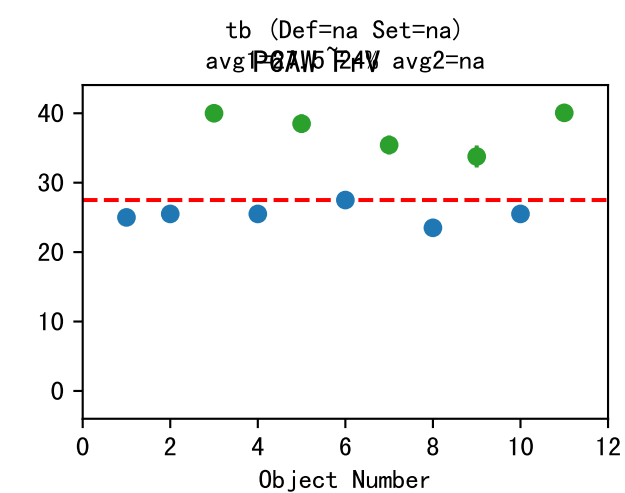
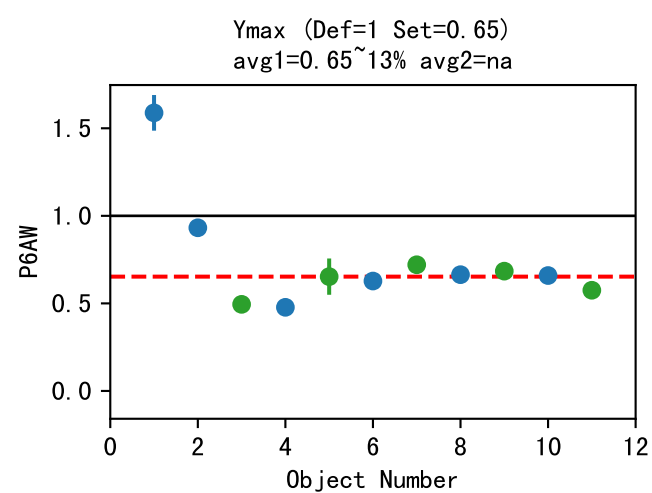
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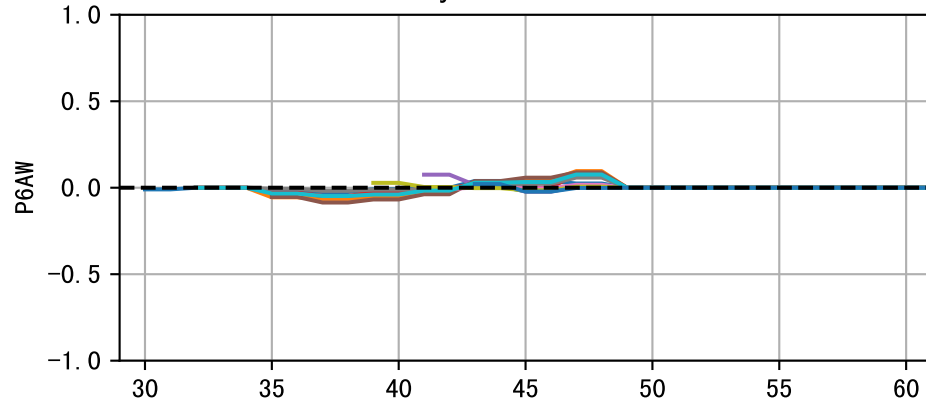
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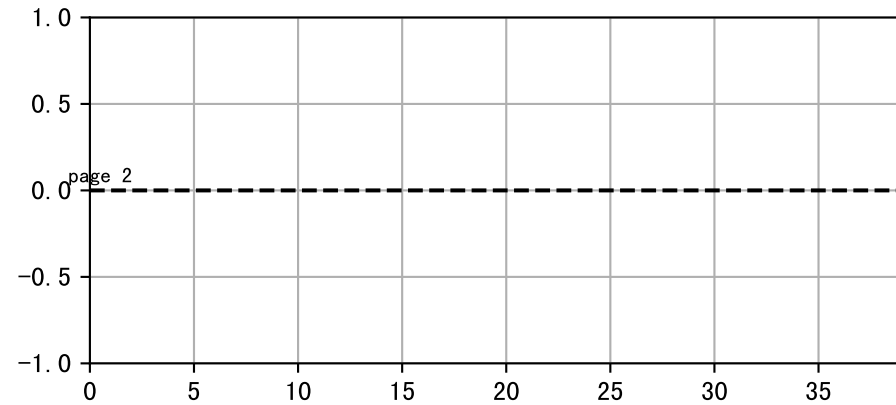
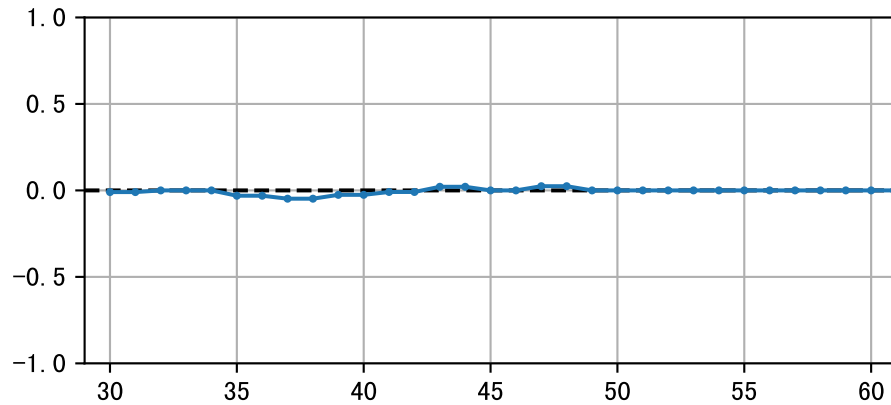
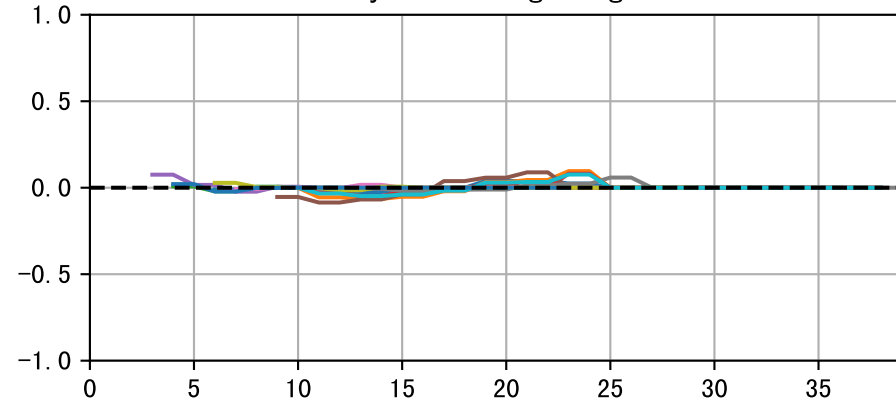




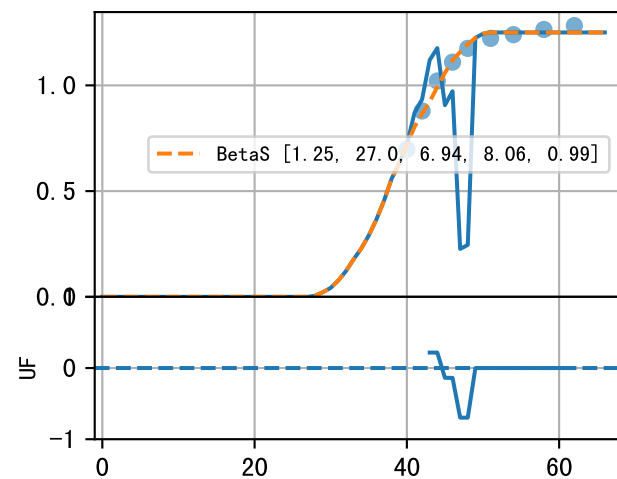
By Start Date



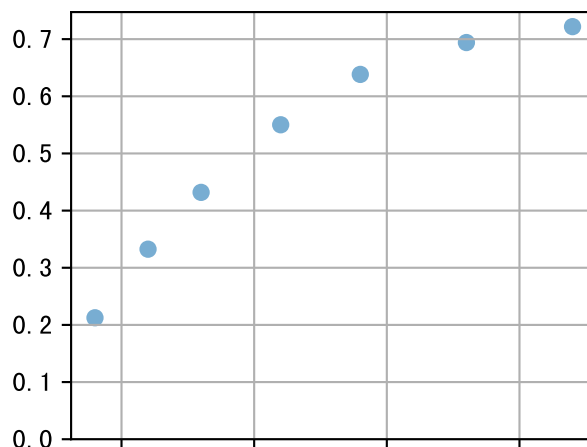
By Plant/Organ Age



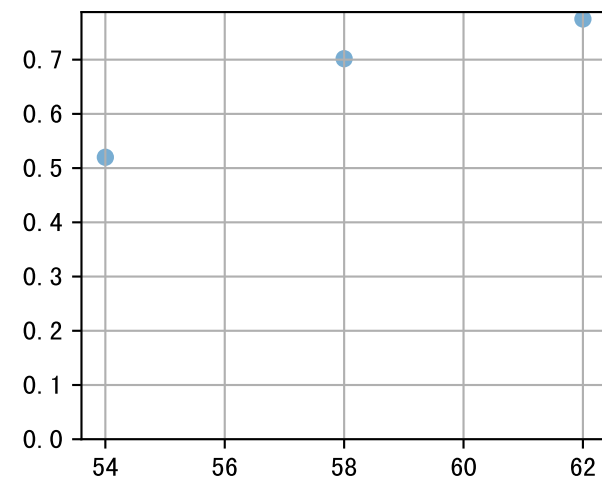
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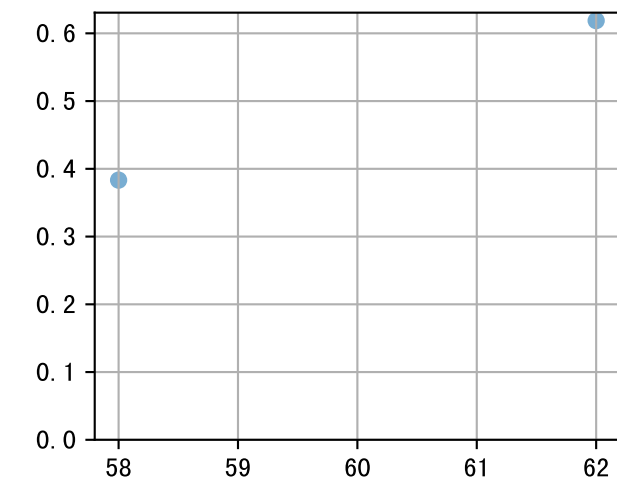
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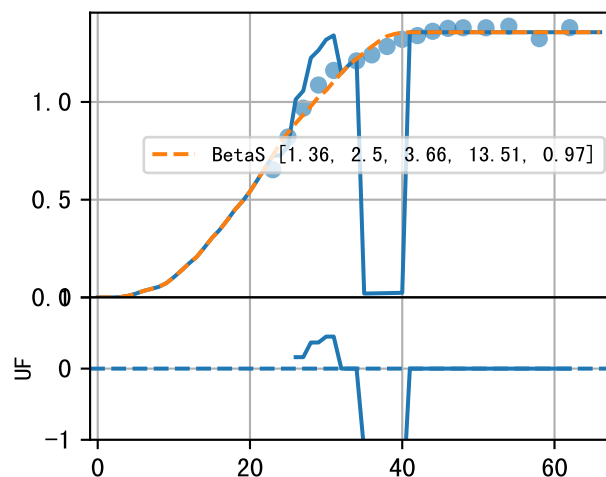
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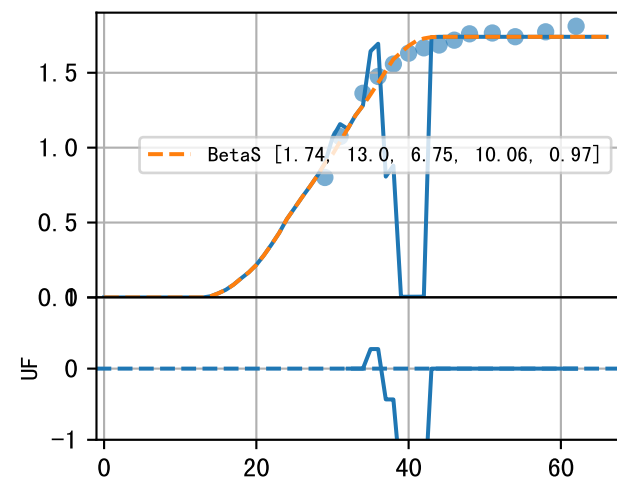
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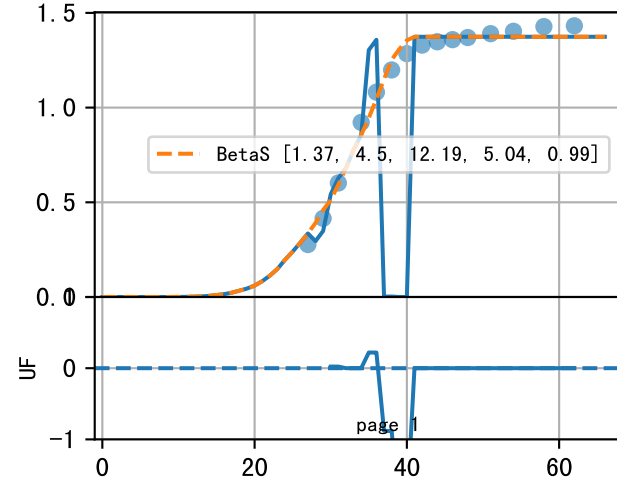
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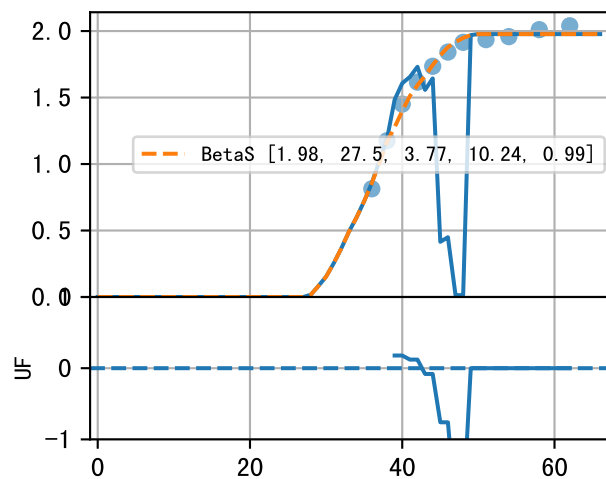
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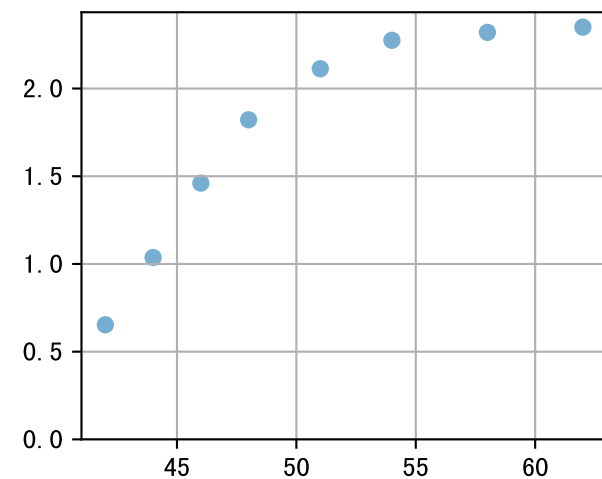
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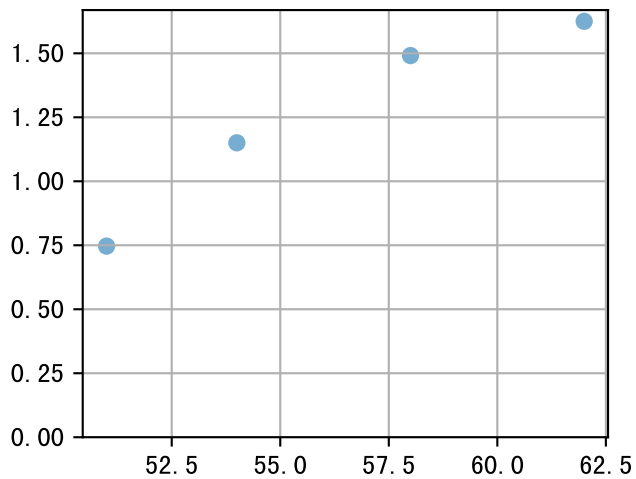
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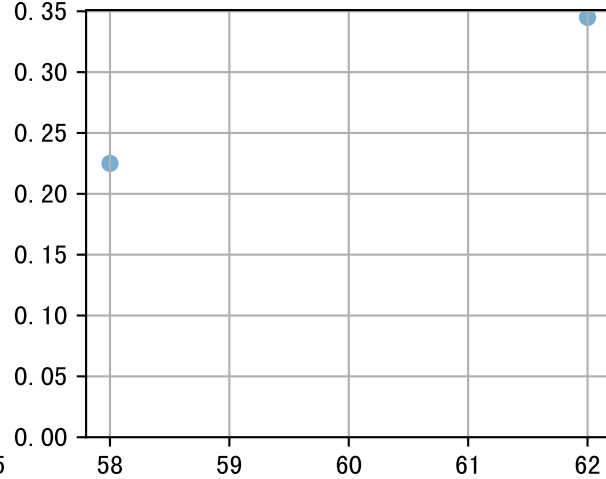
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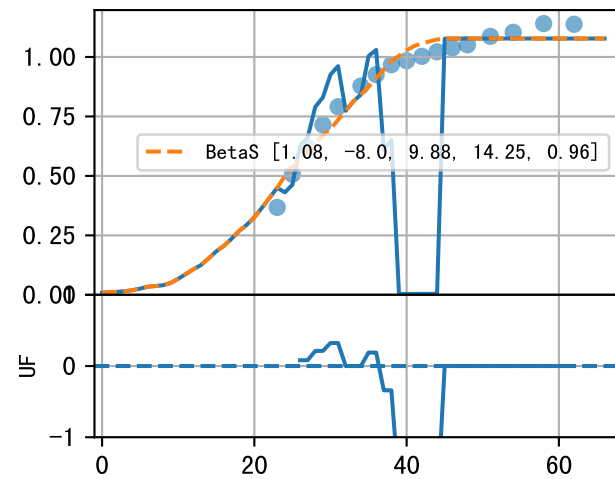
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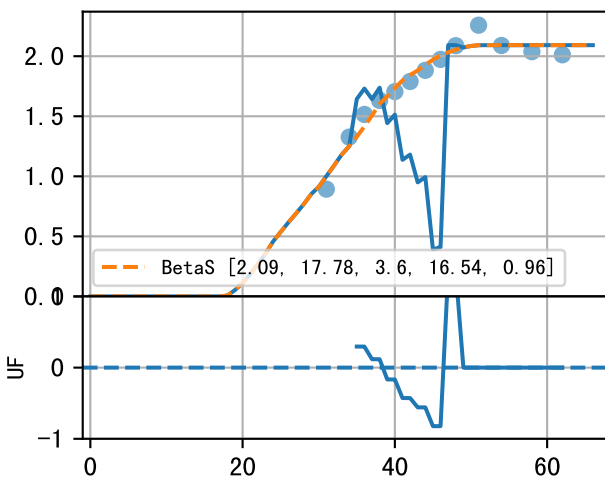
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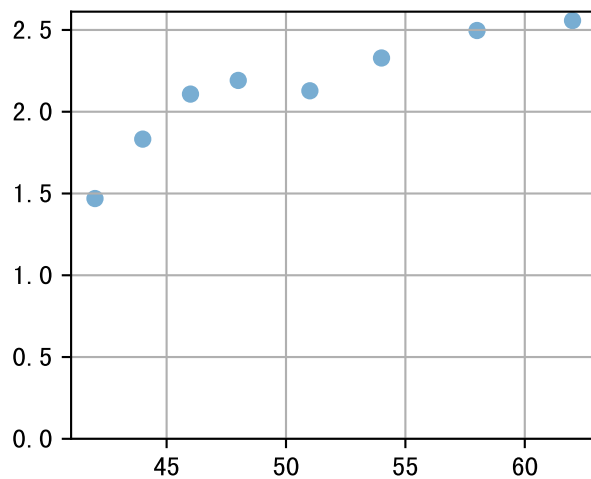
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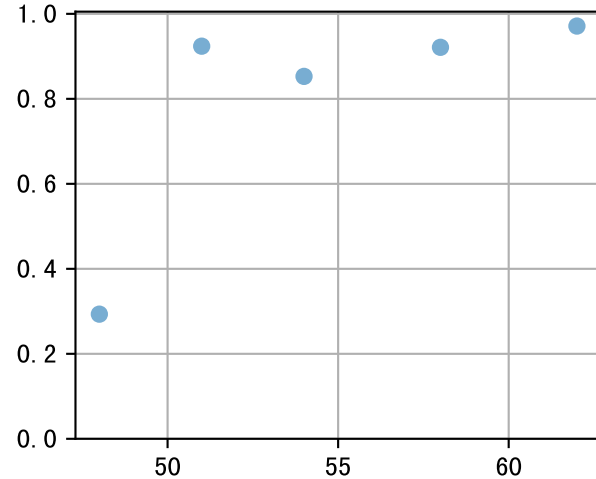
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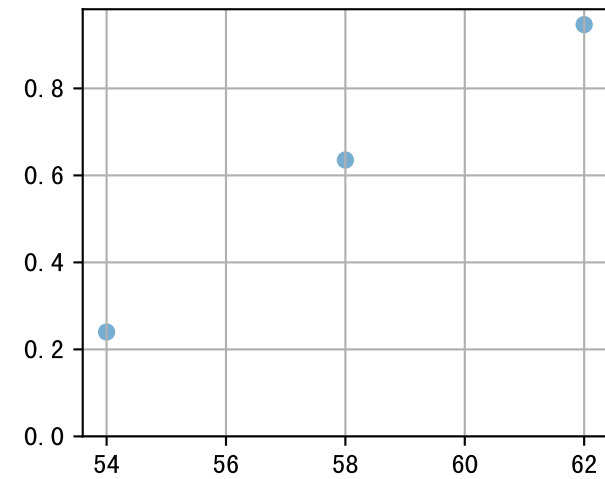
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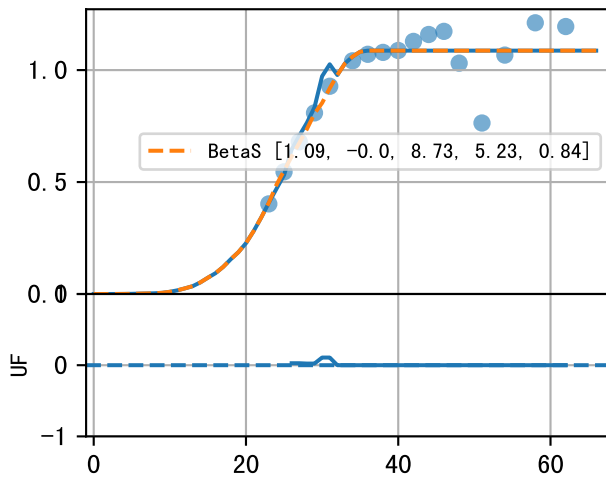
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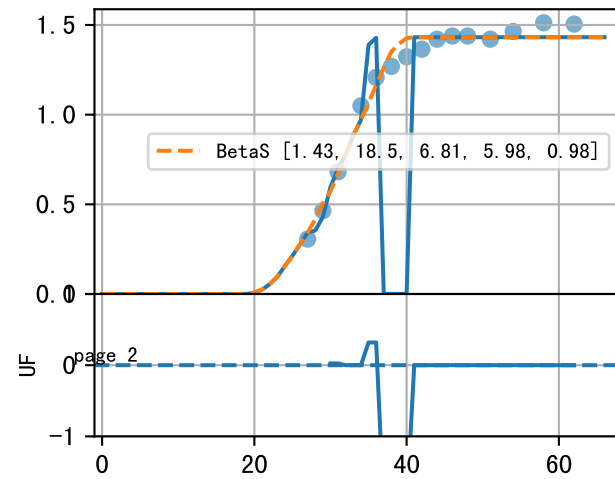
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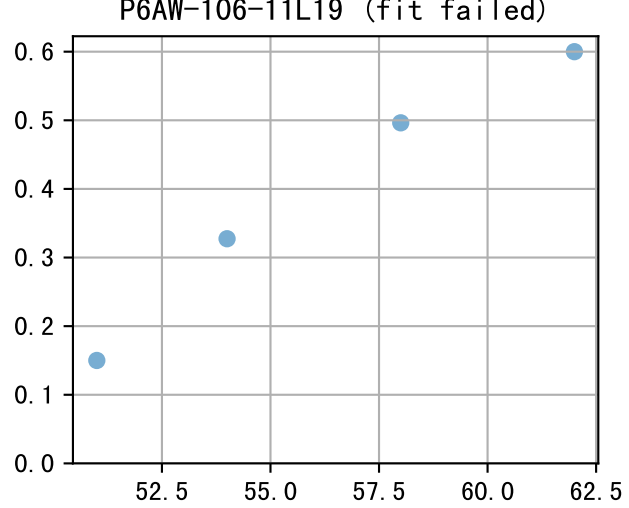
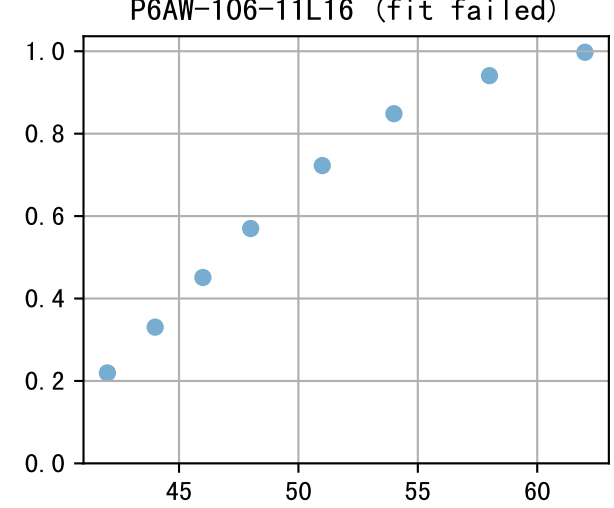
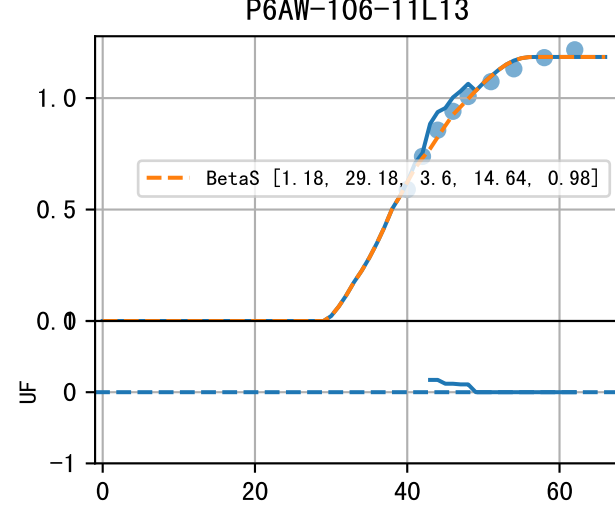
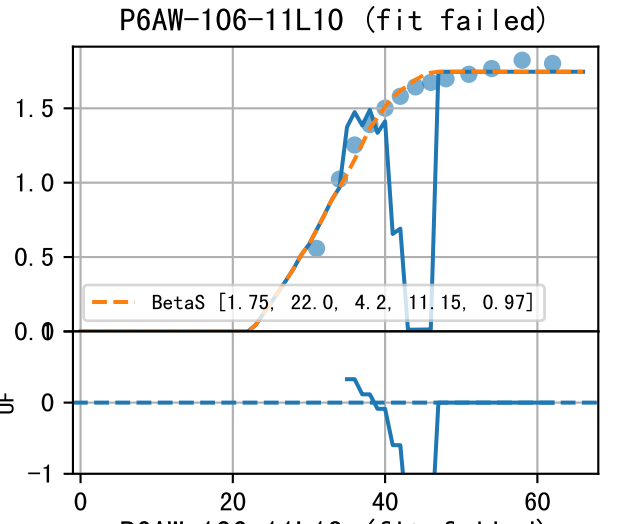
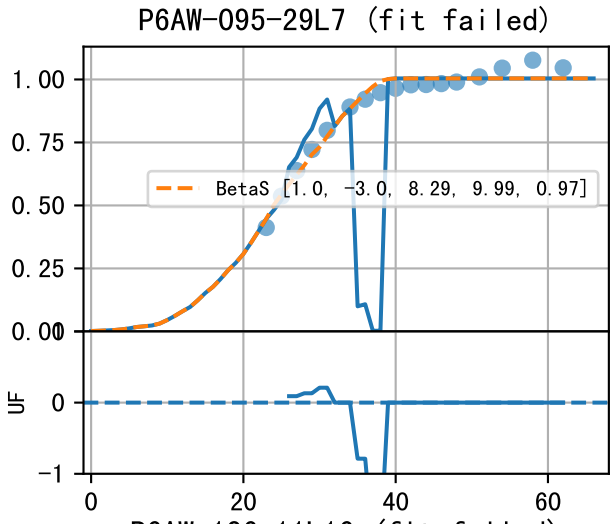
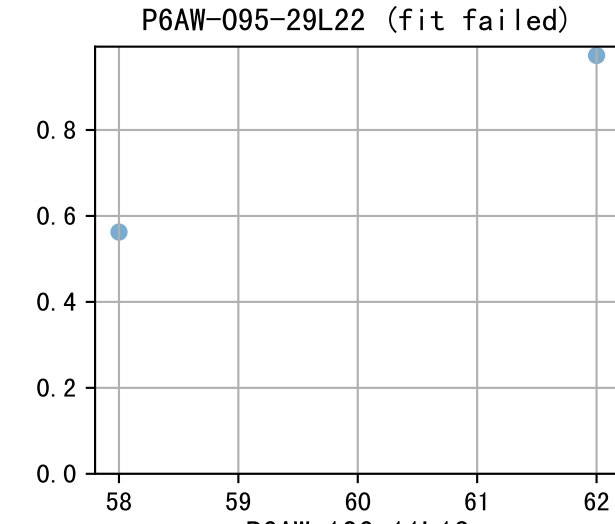
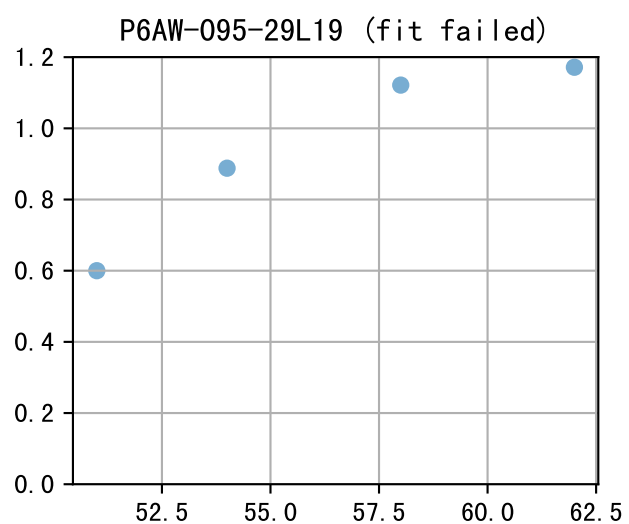
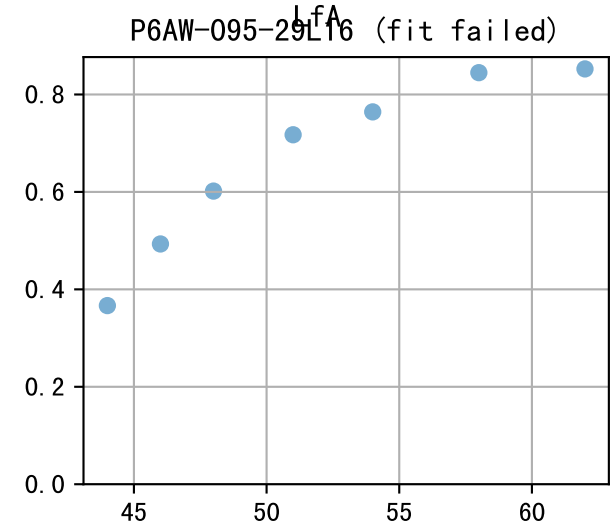
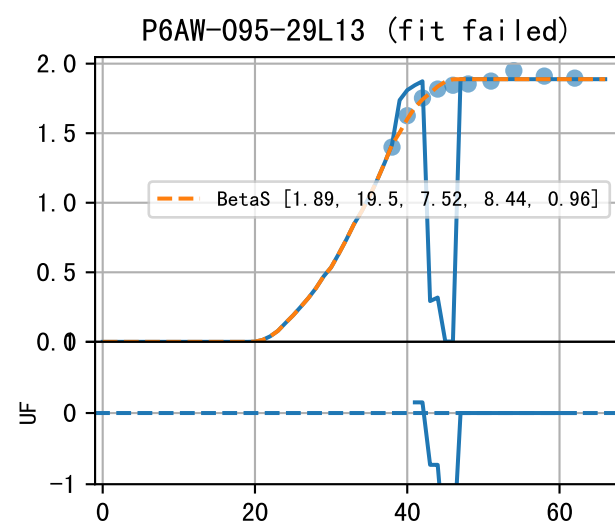


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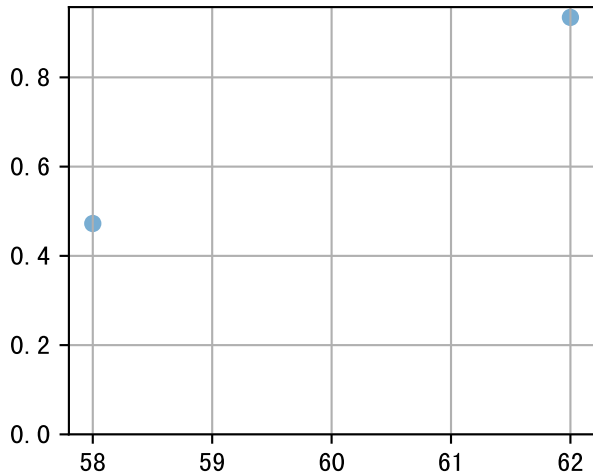


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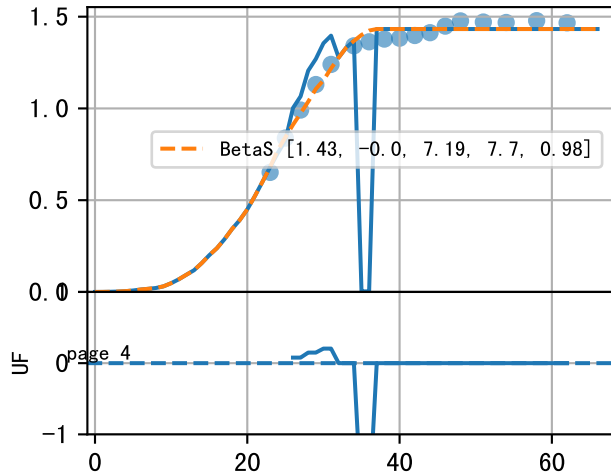


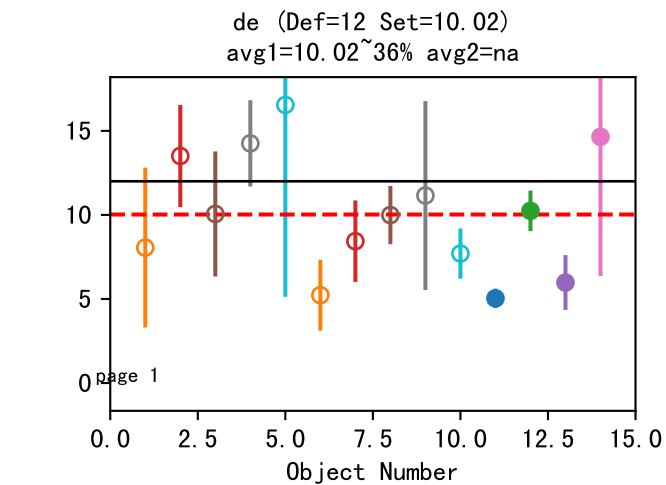
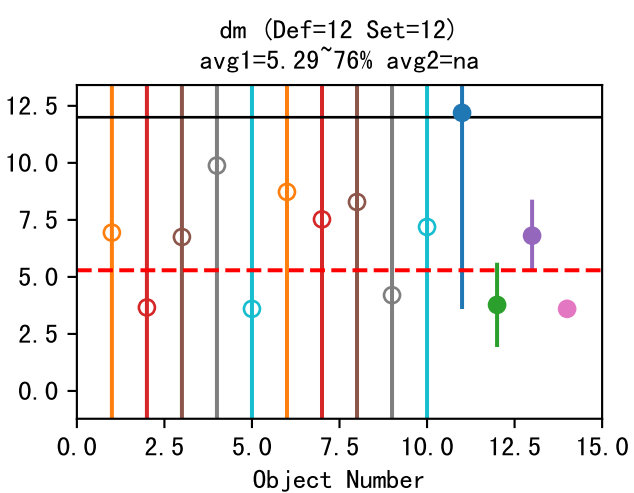
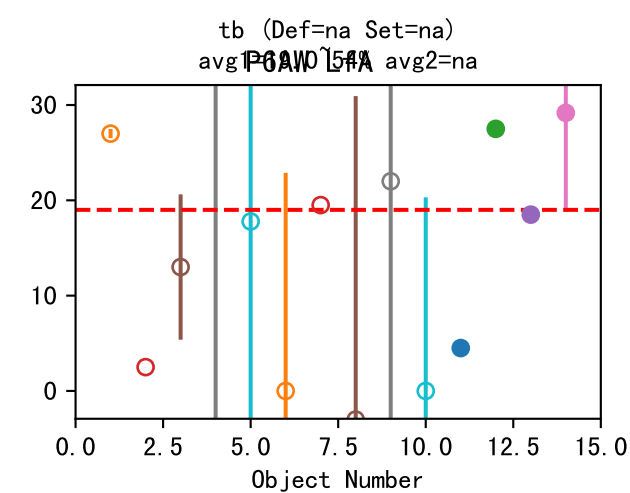
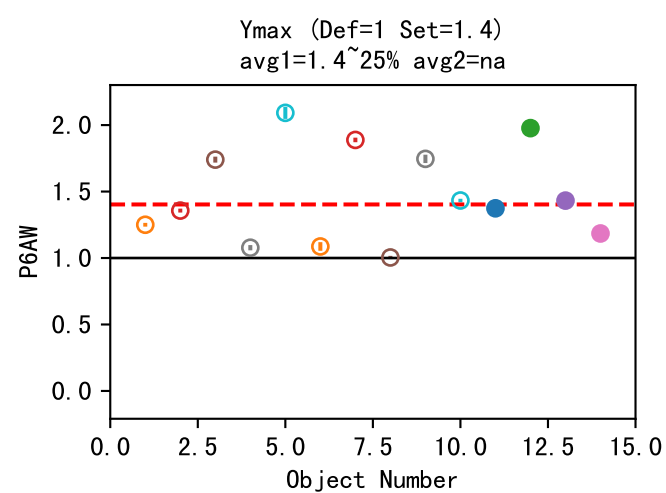


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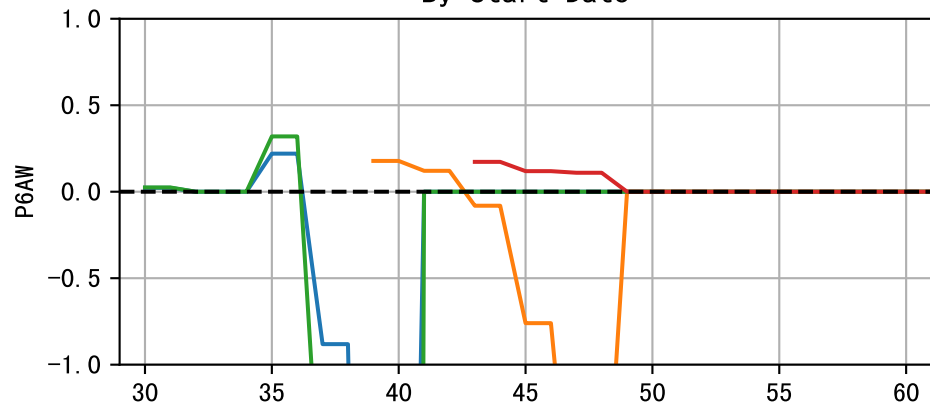


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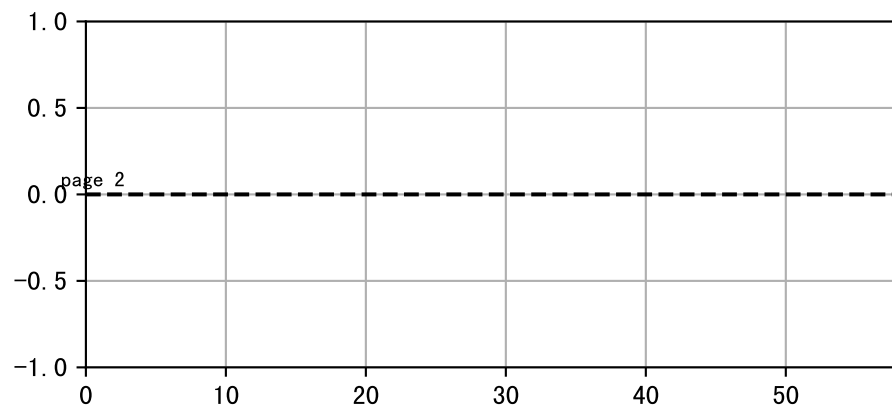
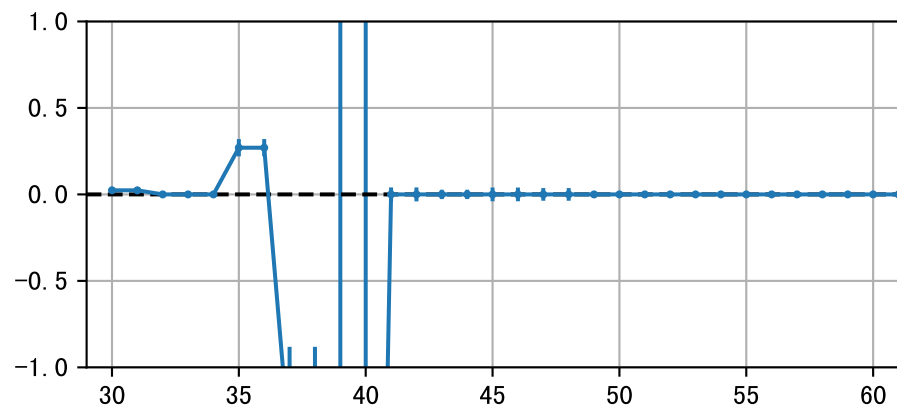
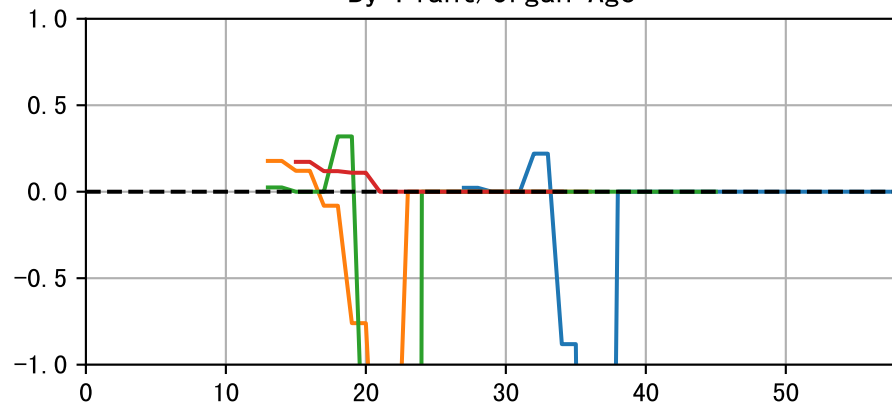


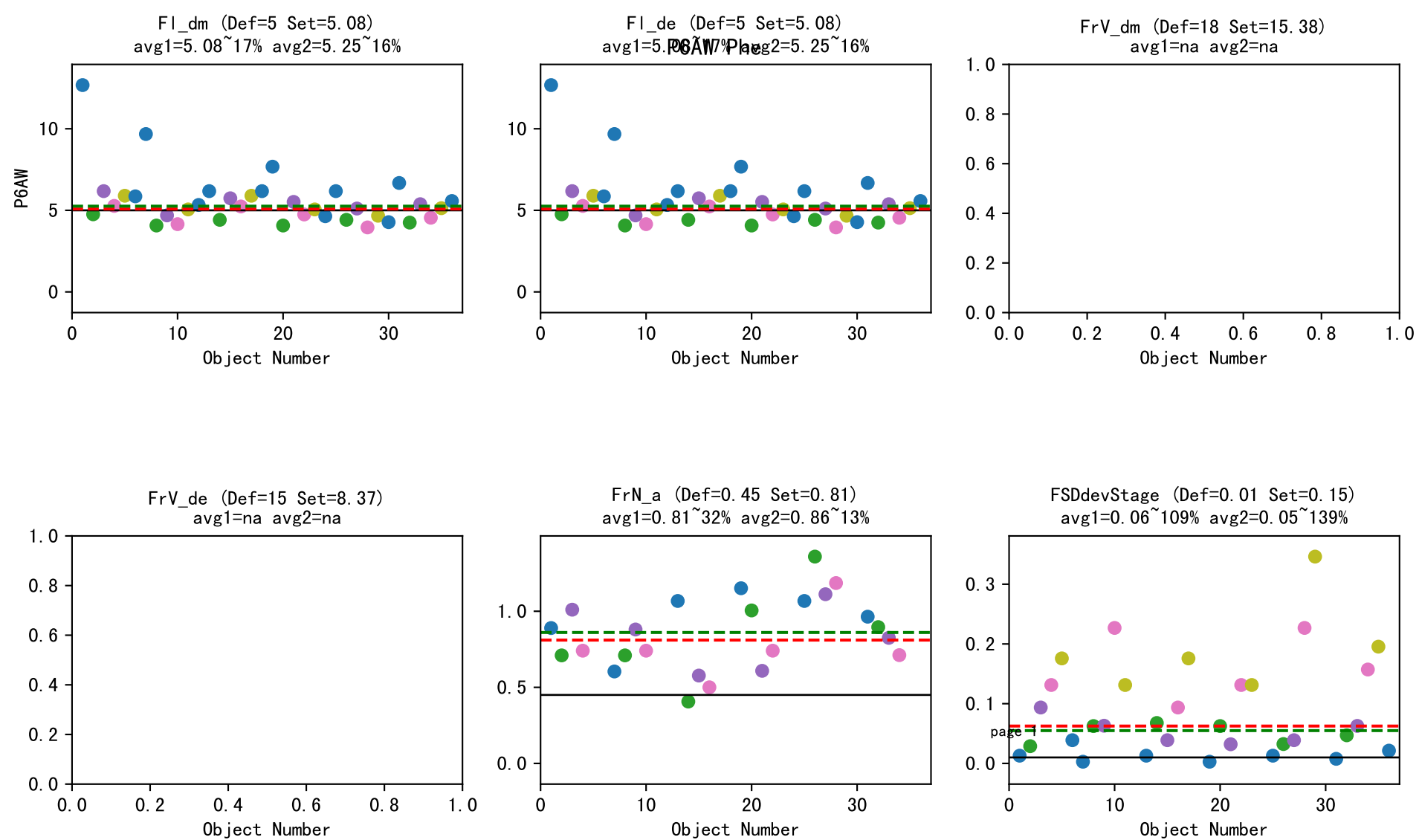


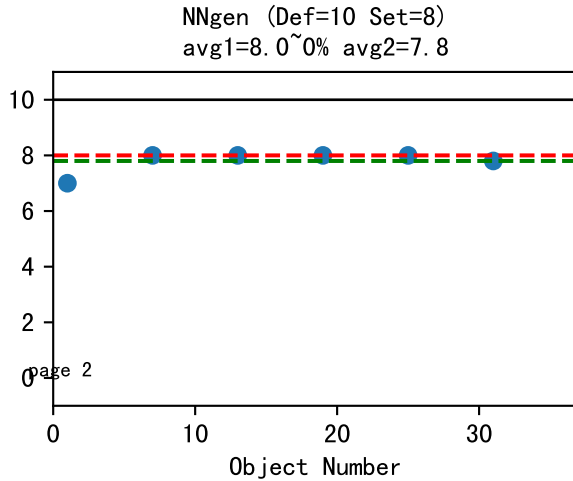
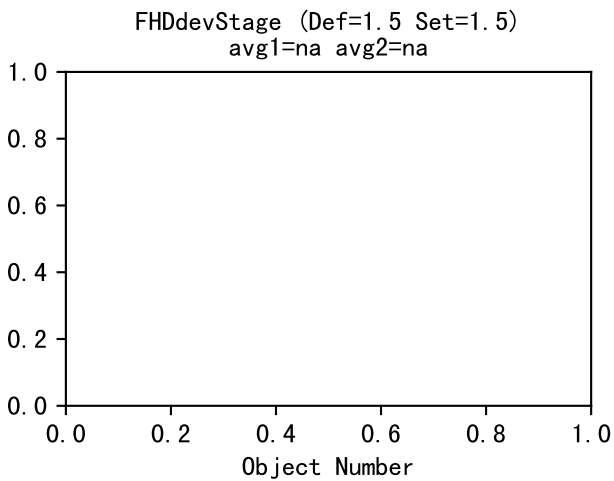
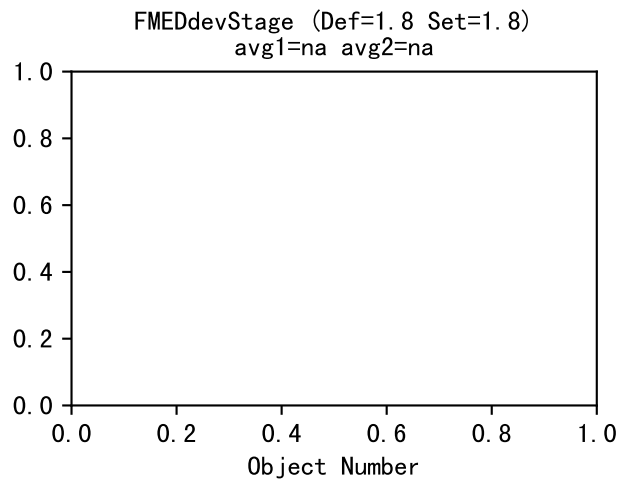
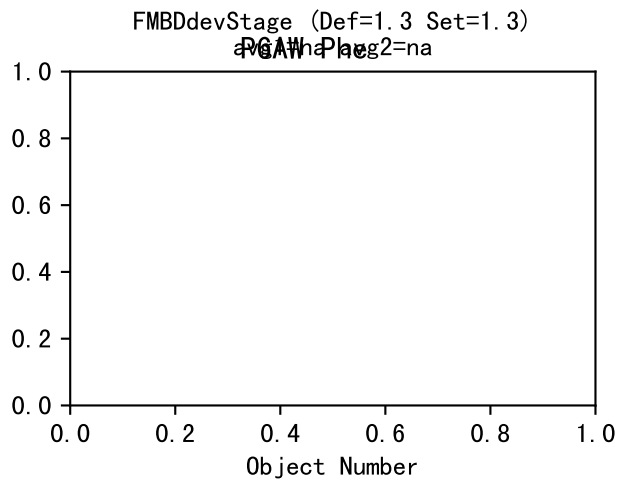
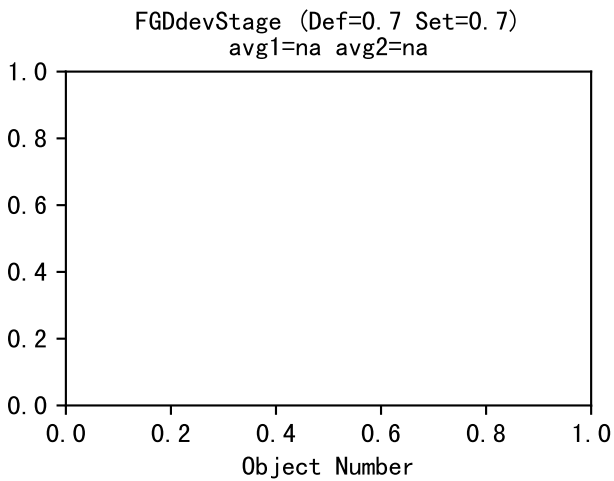
By Start Date



By Plant/Organ Age

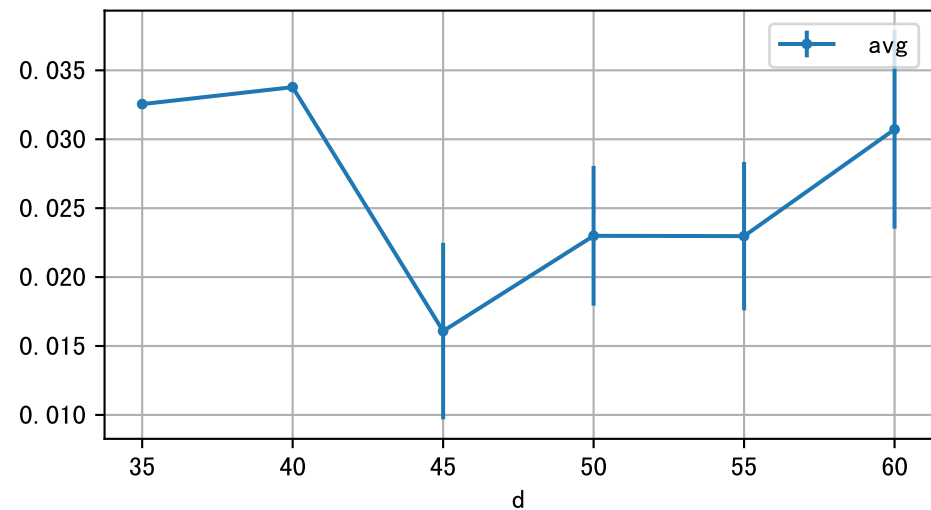




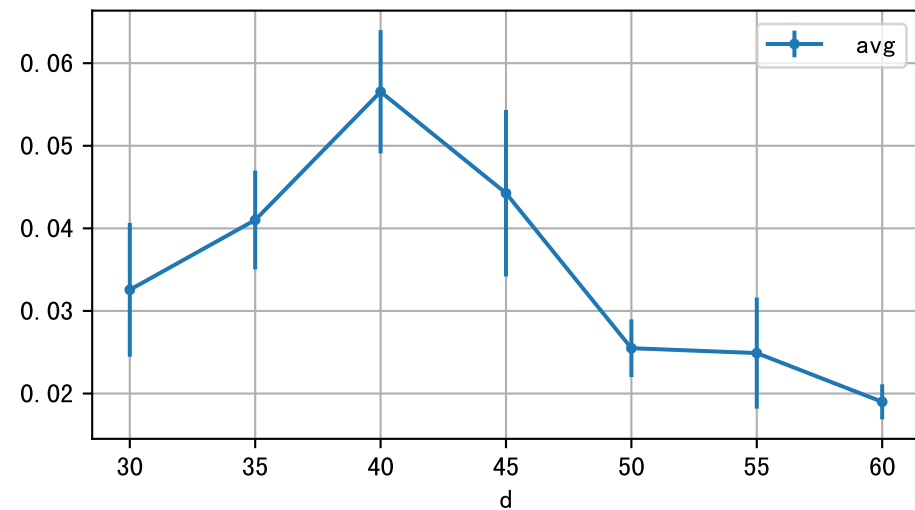


LfA: avg vs. d at each age group

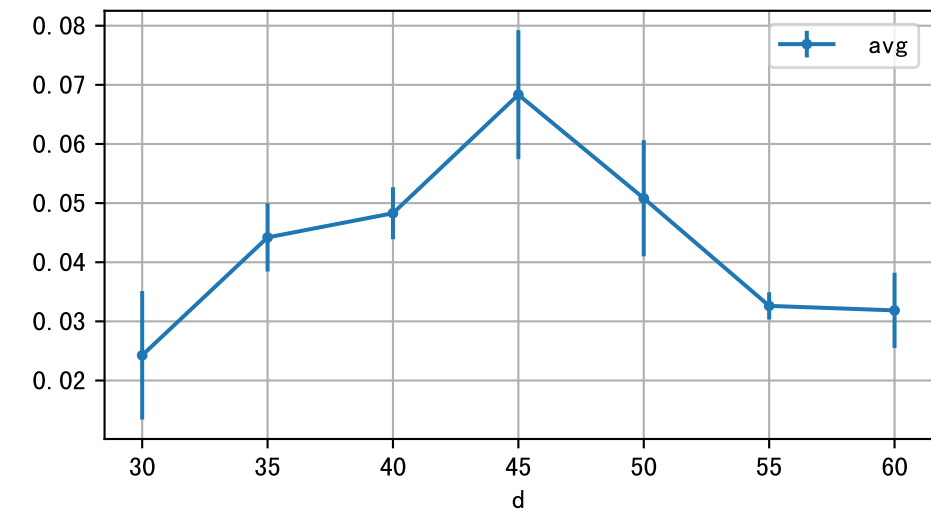
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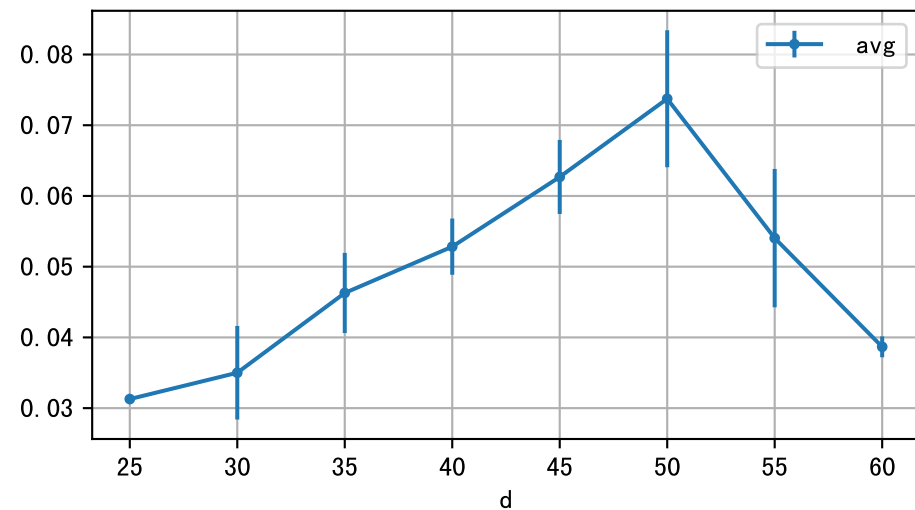
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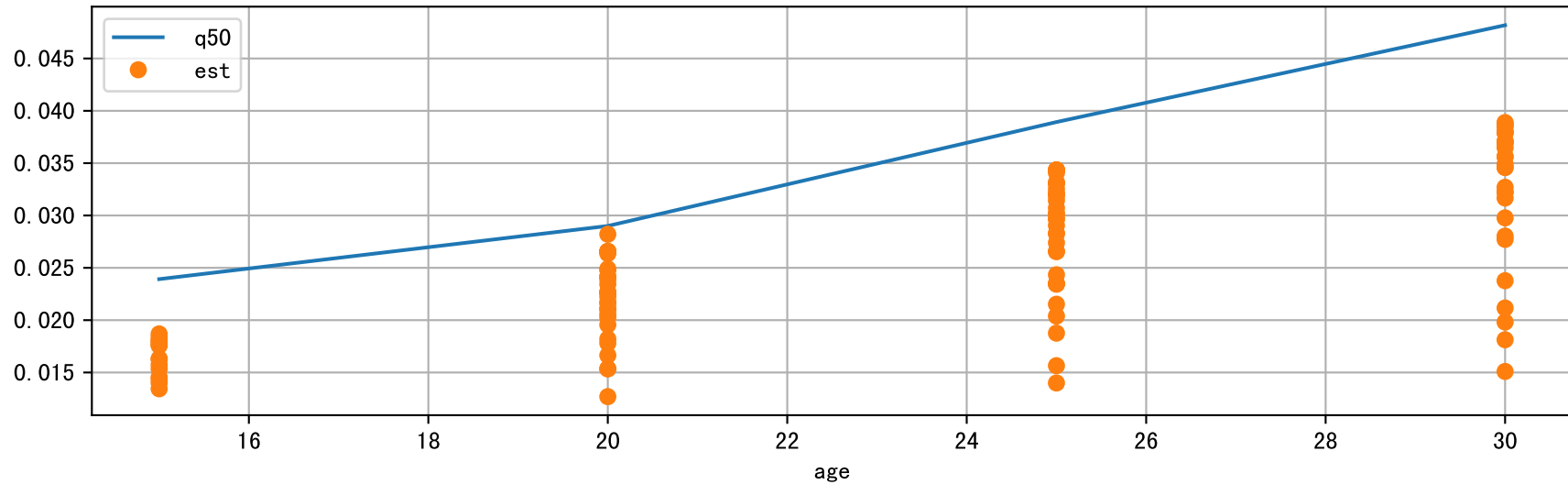
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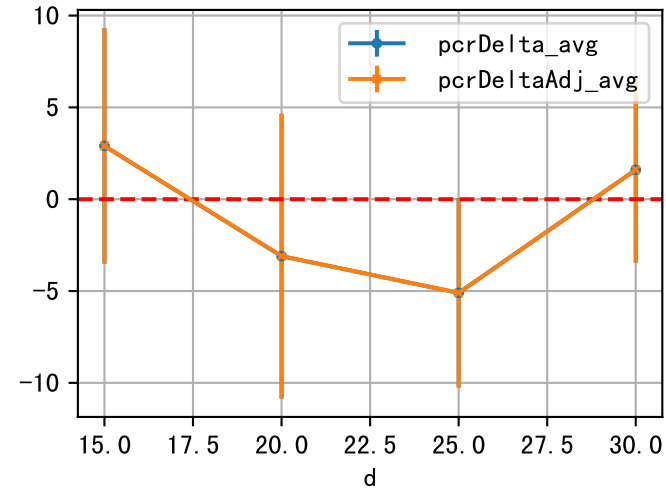
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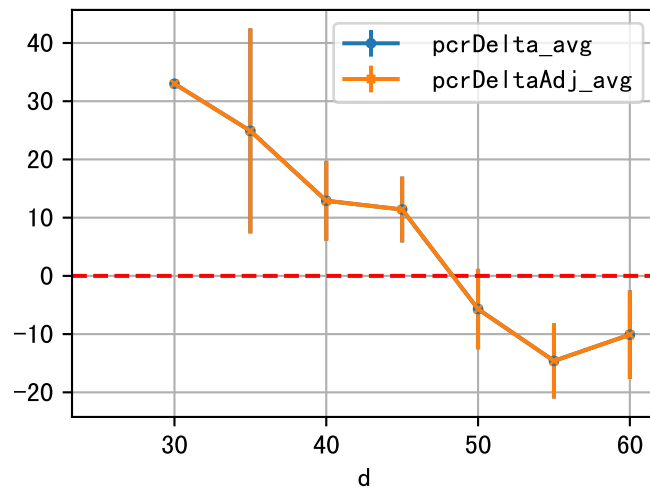
LfA: model est vs obs0v@Q50



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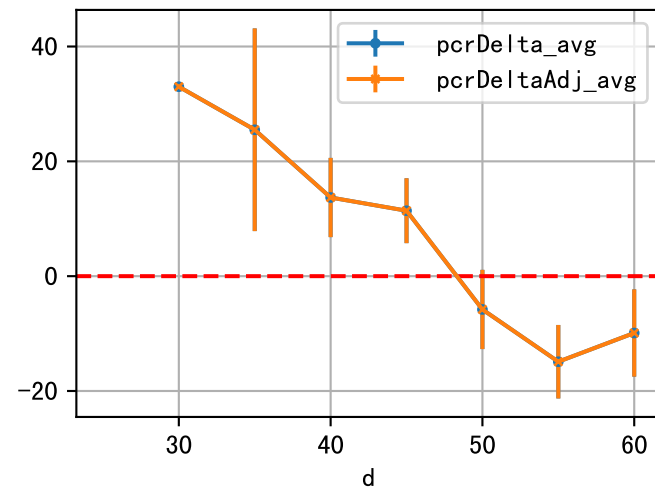


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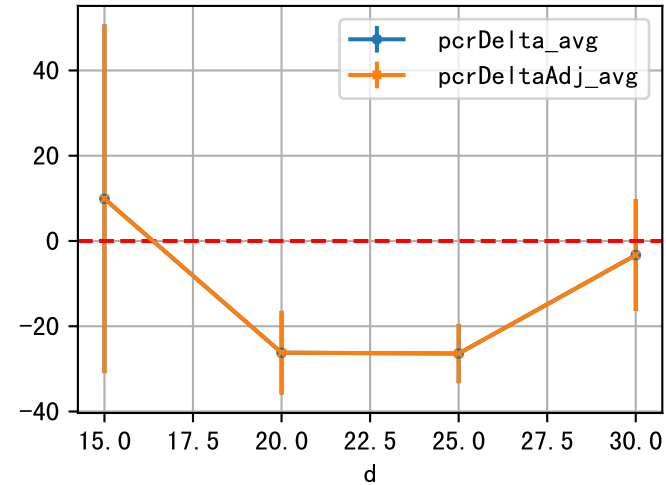


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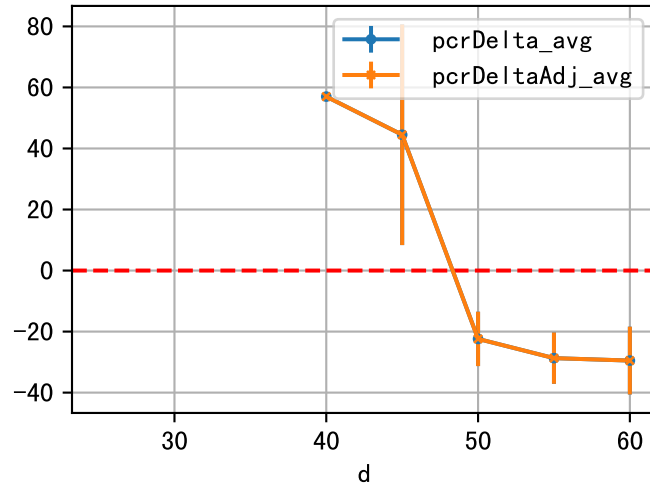
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

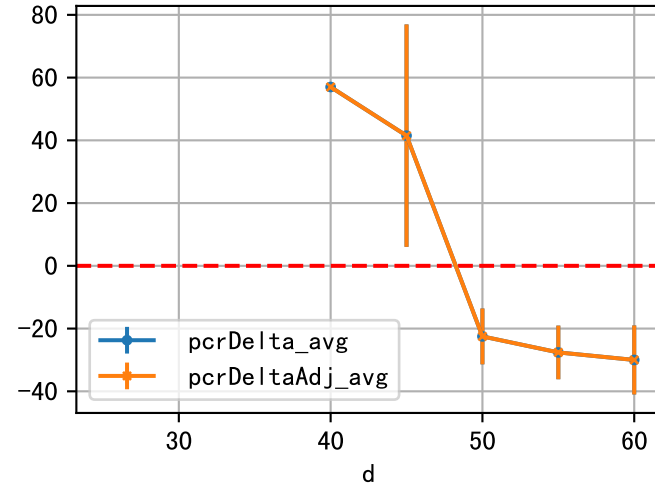


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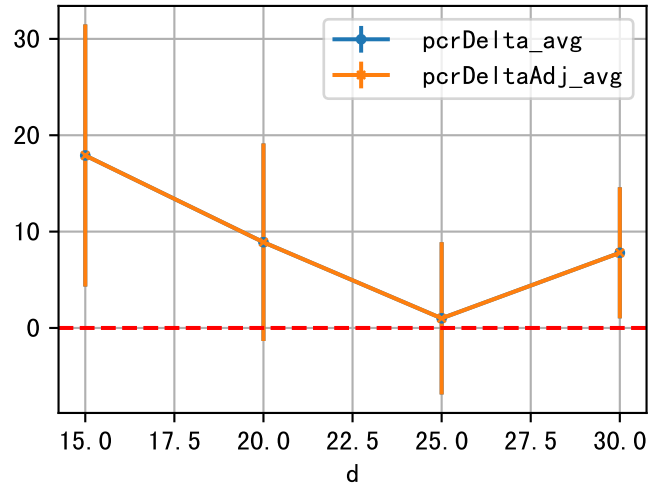


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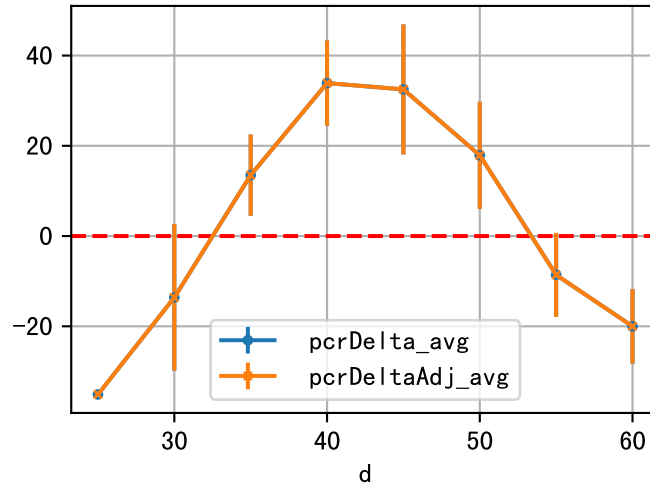
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

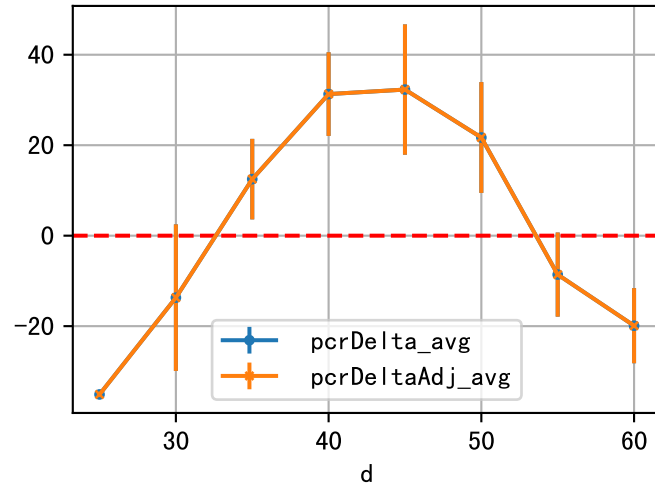


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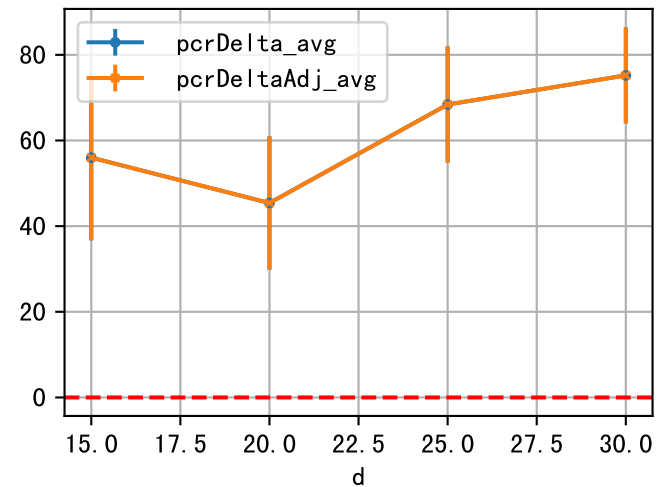


page 5

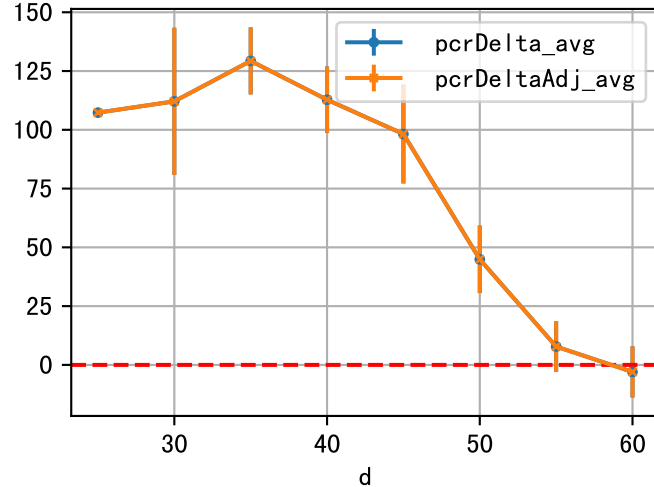
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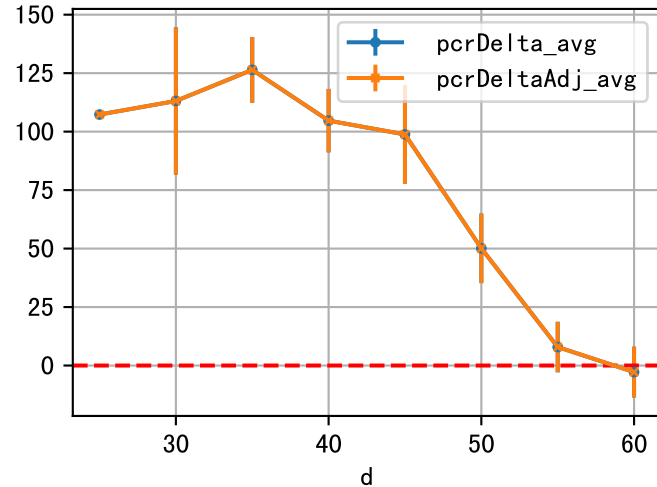
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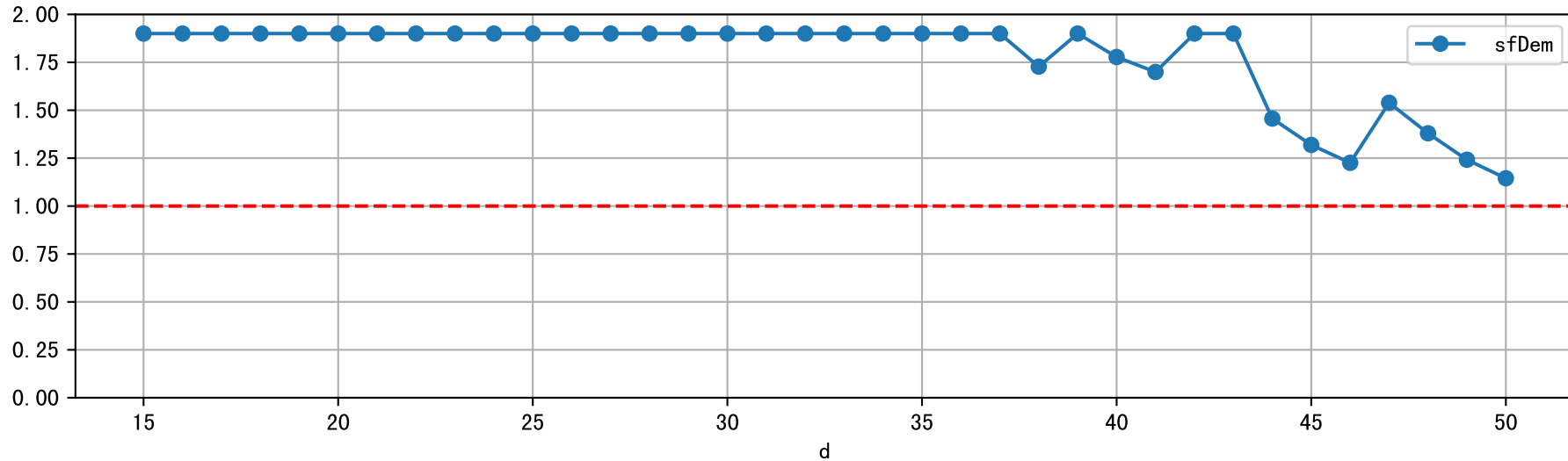
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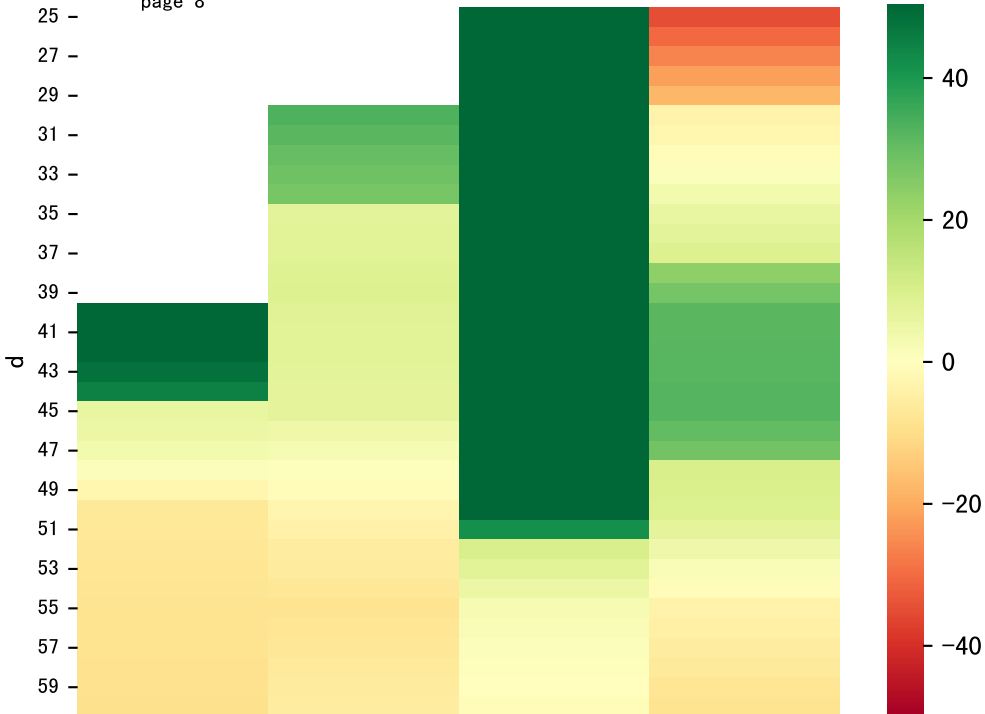


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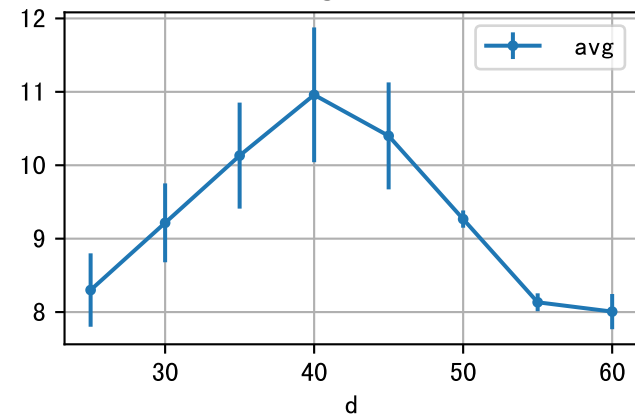
LfA: sfDem



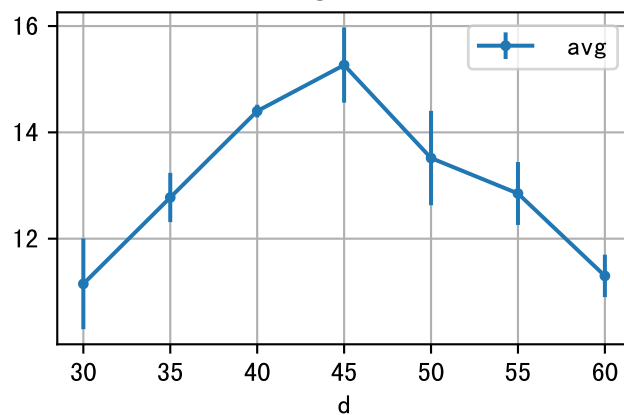


NdD: avg vs. d at each age group

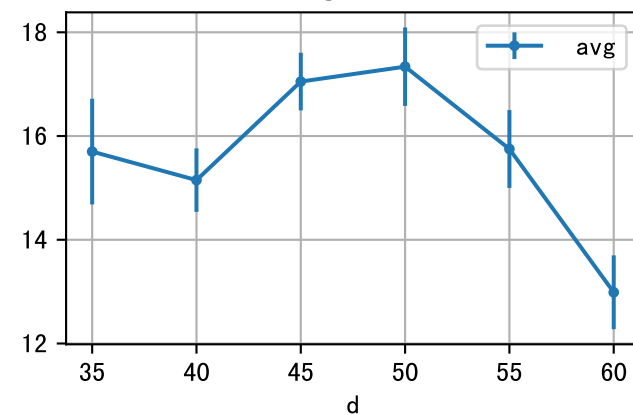
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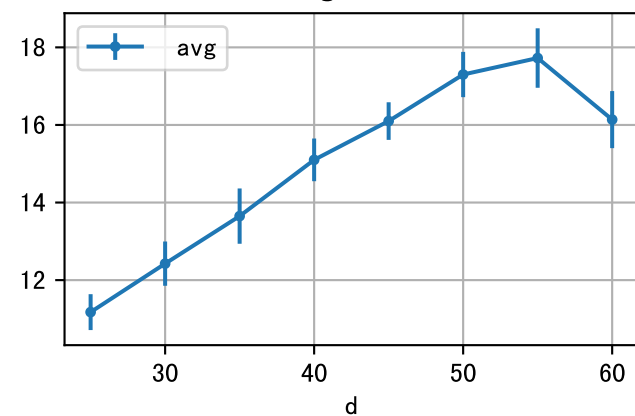
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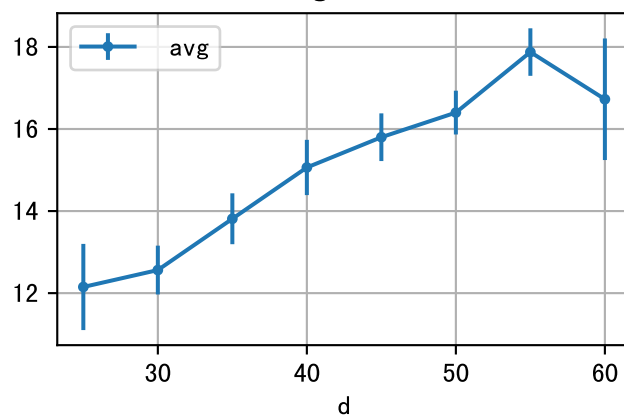
age=25



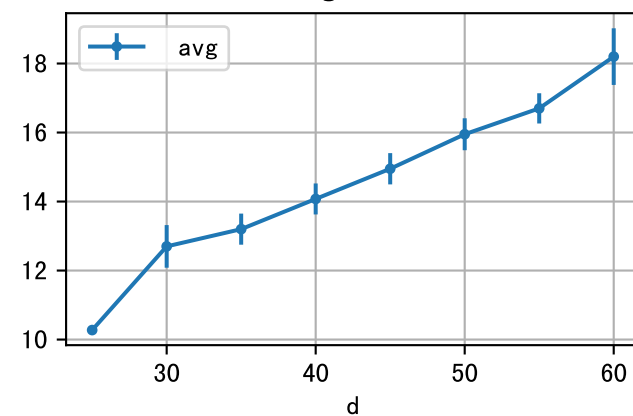
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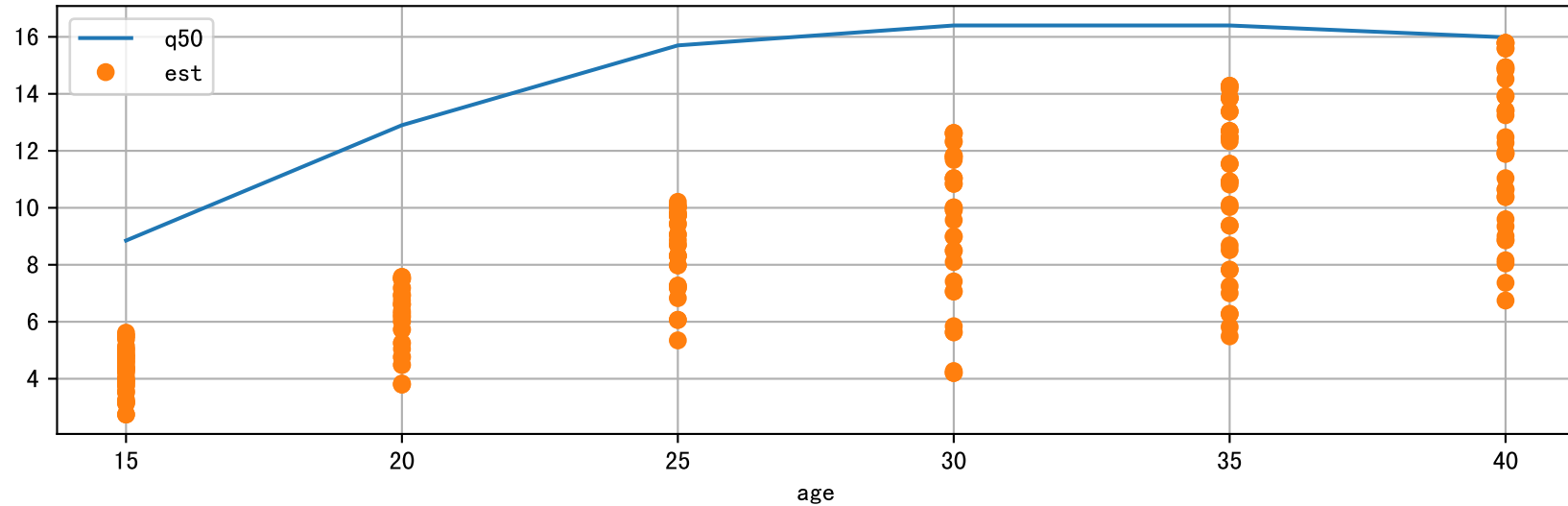
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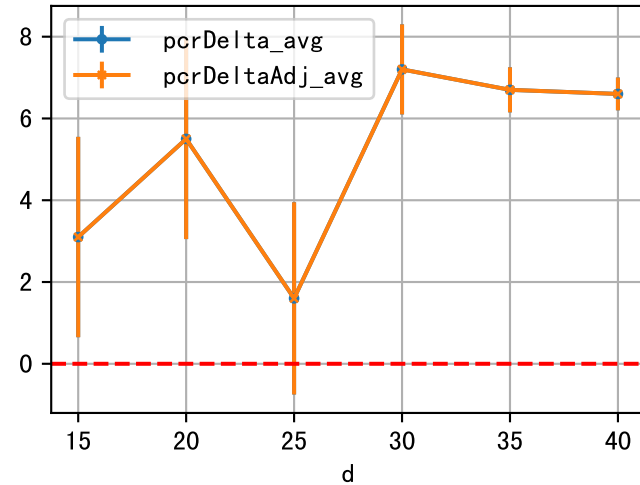
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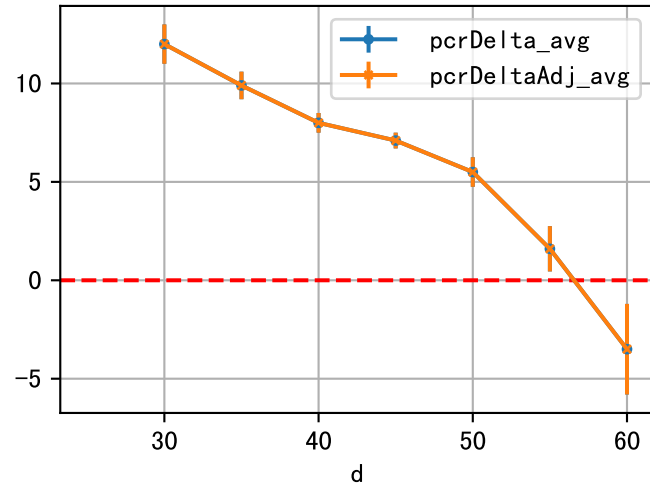
NdD: model est vs obs0v@Q50



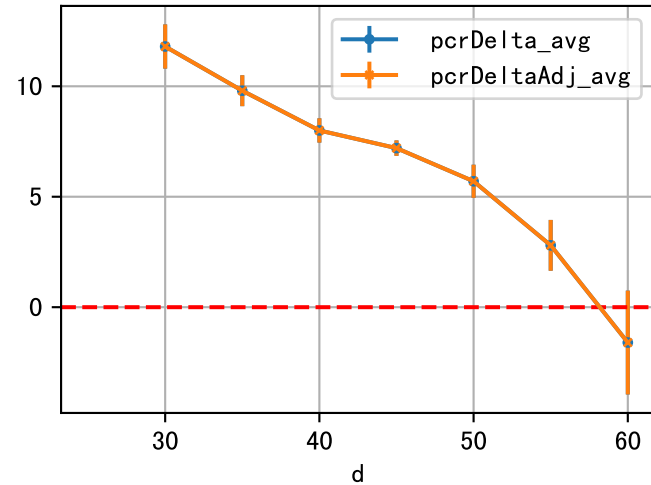
DeltaTypeAbbr=GrpByAge



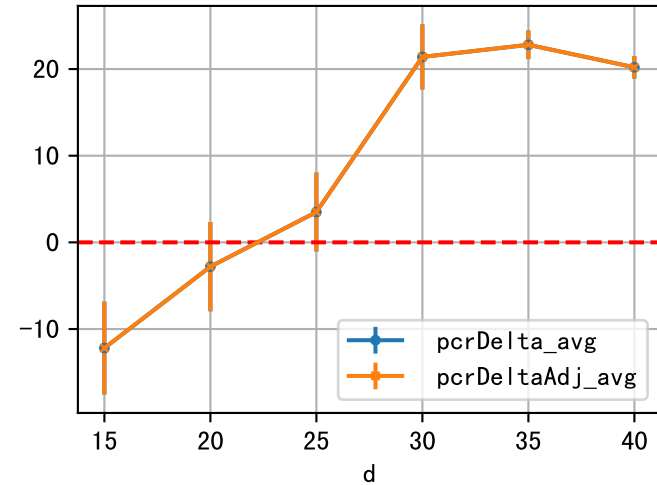
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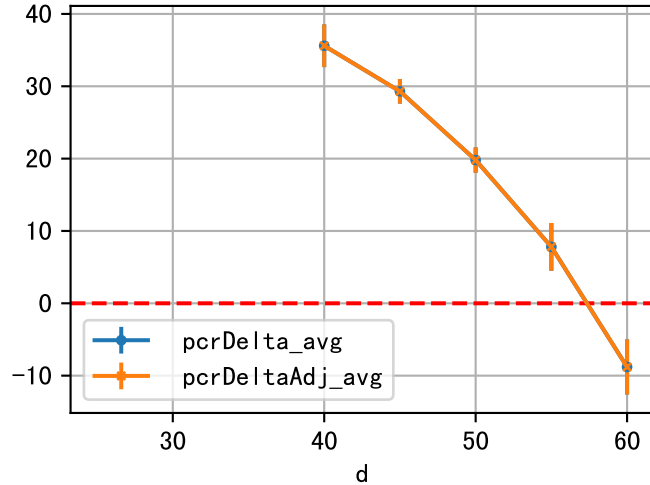
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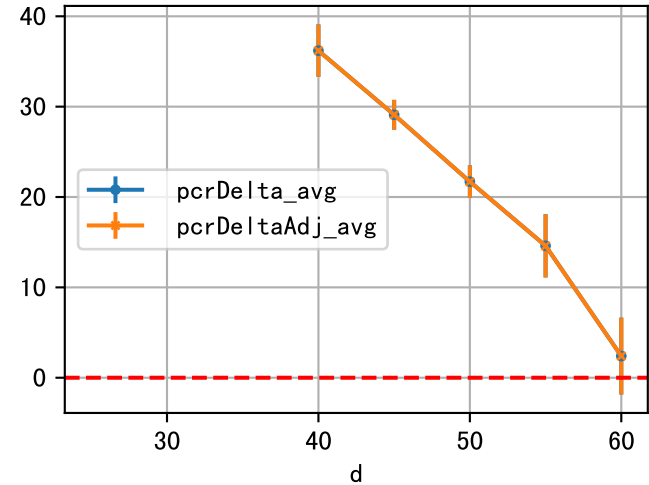
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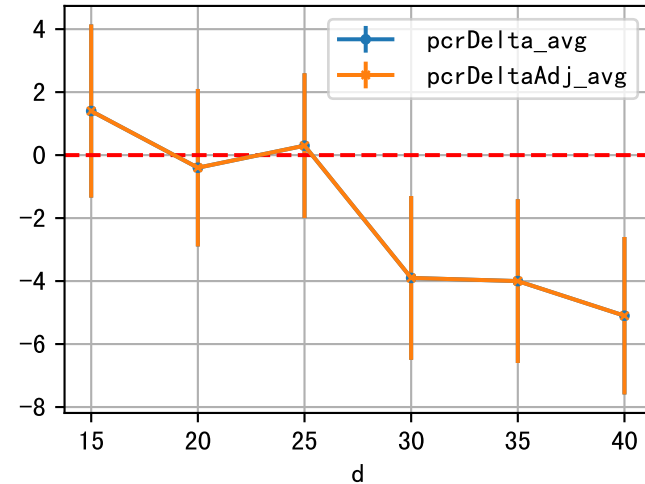
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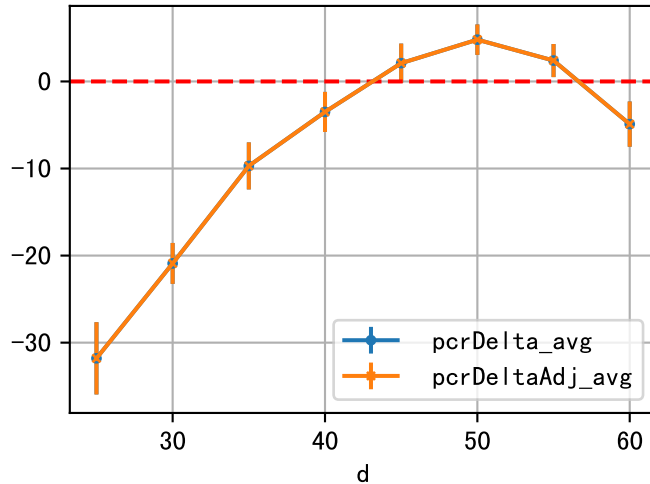
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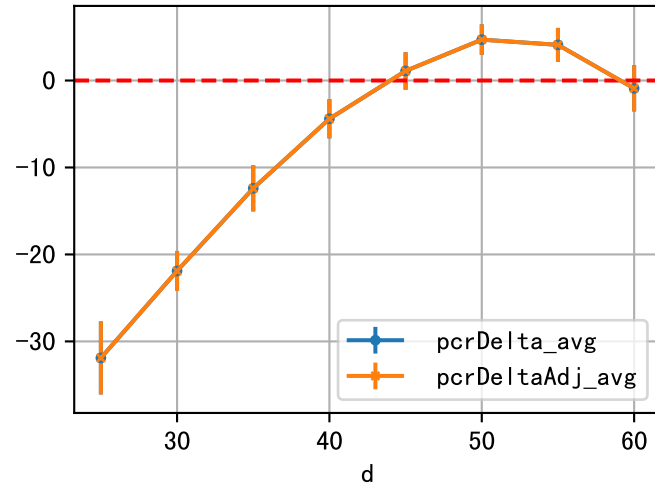
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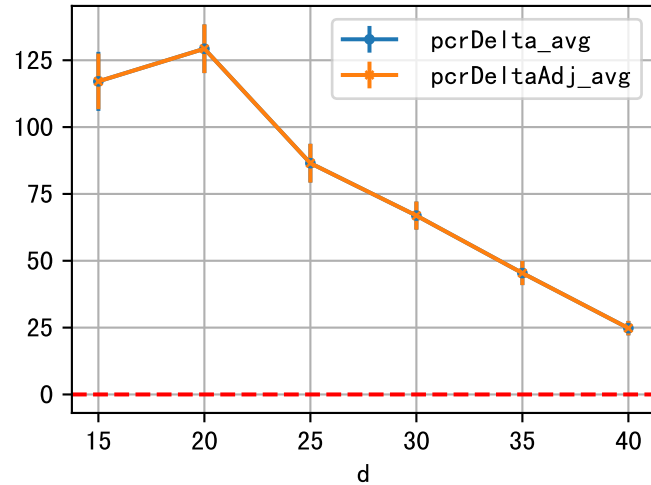
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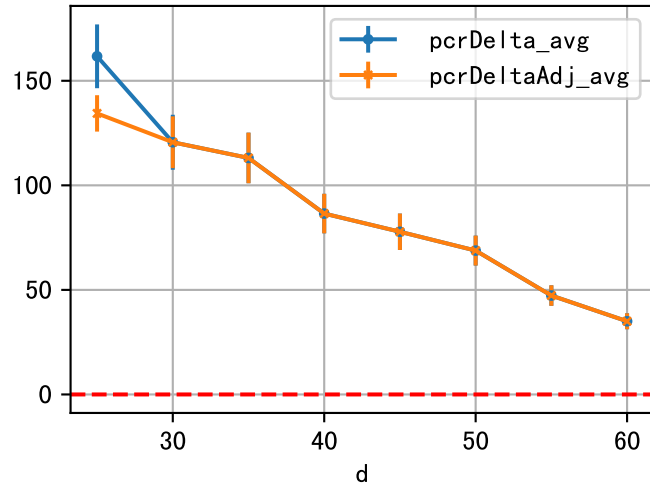
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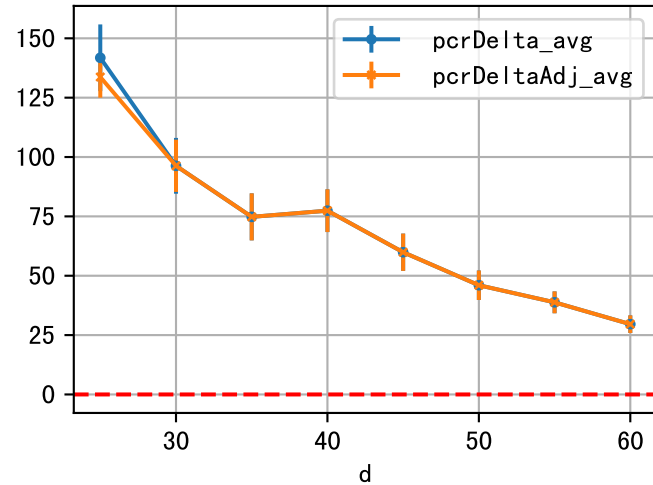
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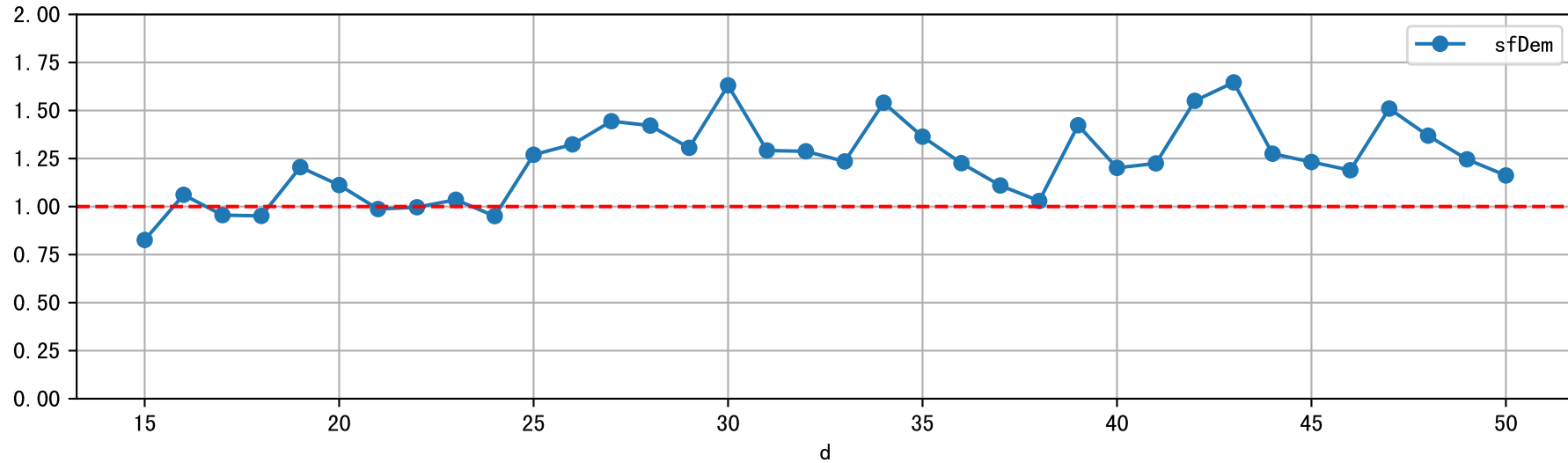
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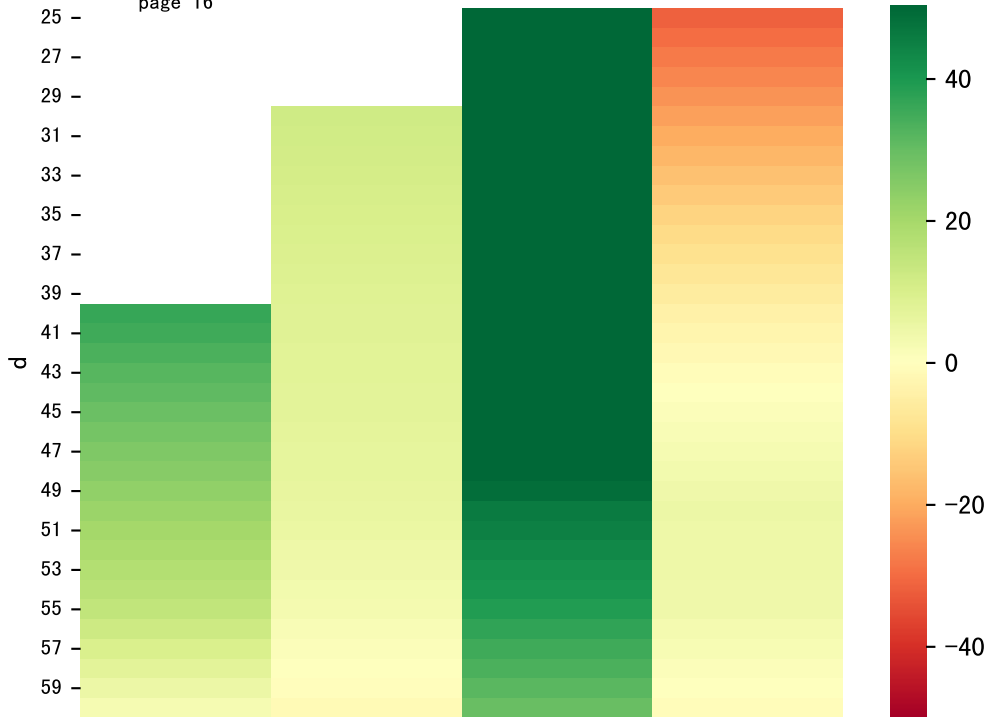


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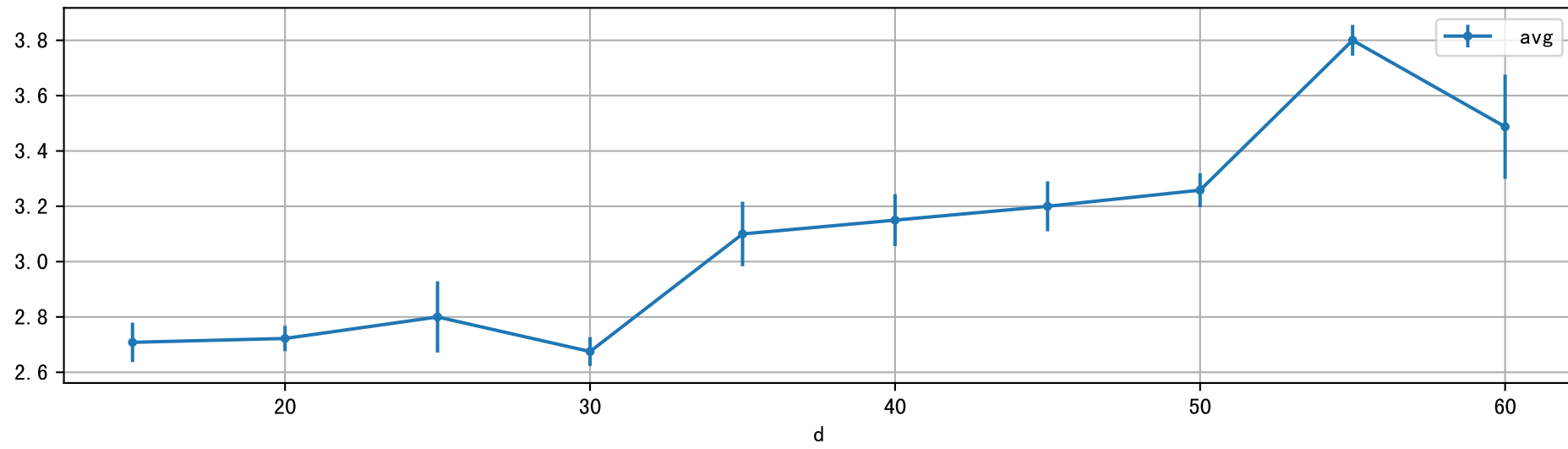


NdD: sfDem

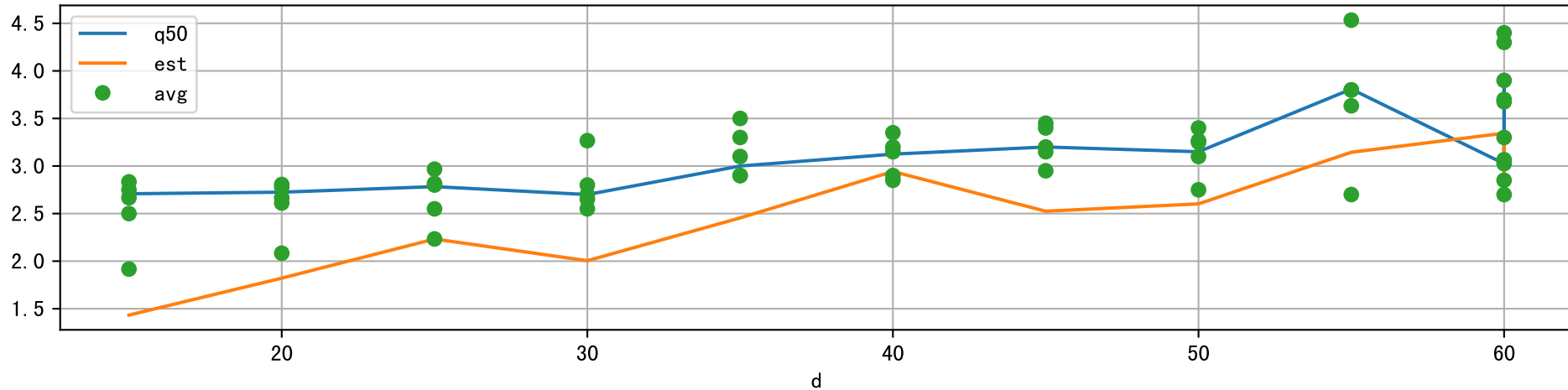




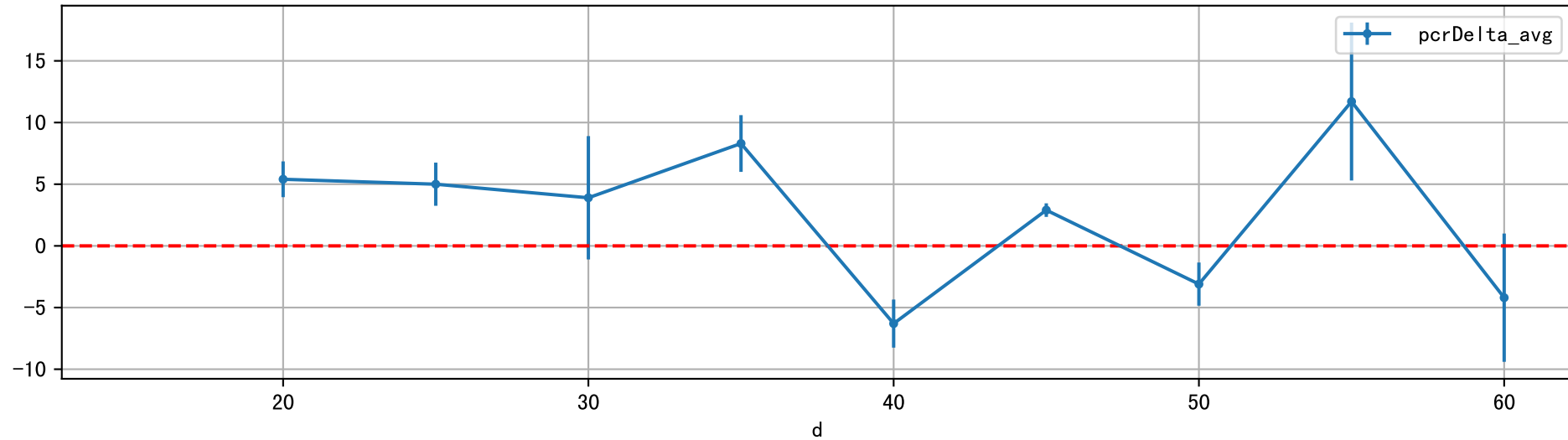
dStH: avg vs. d



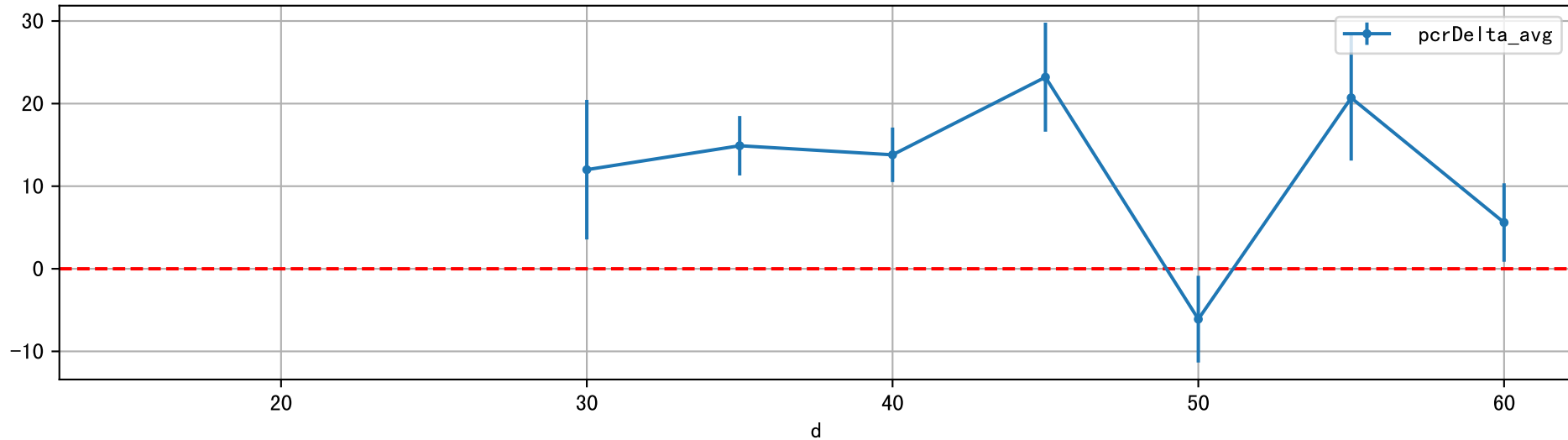
dStH: obsAvg vs obs0v@Q50



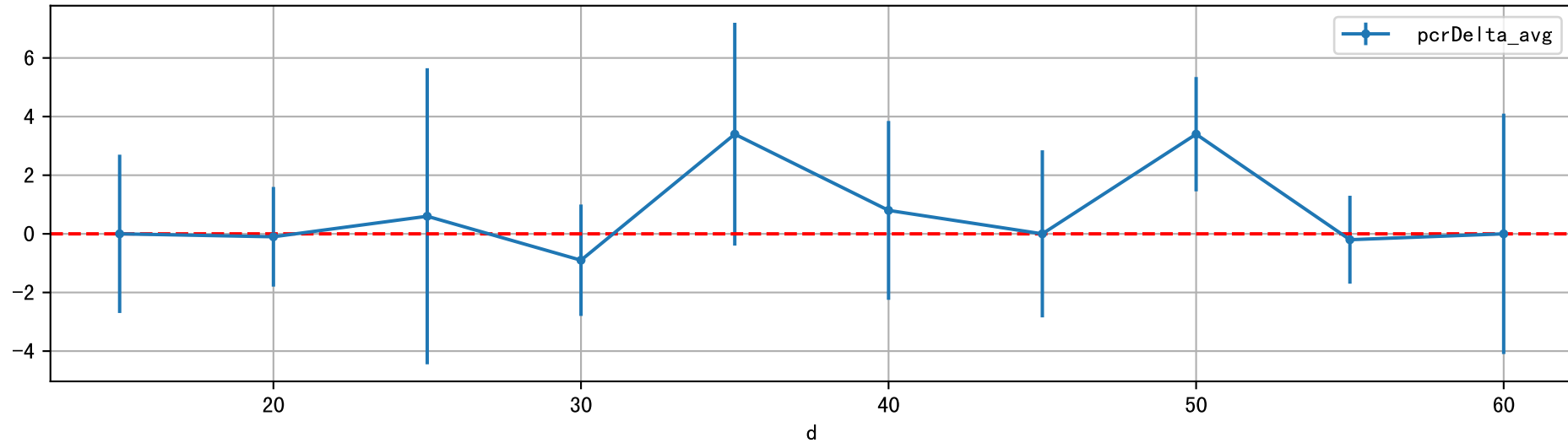
dStH: D_5d_StH



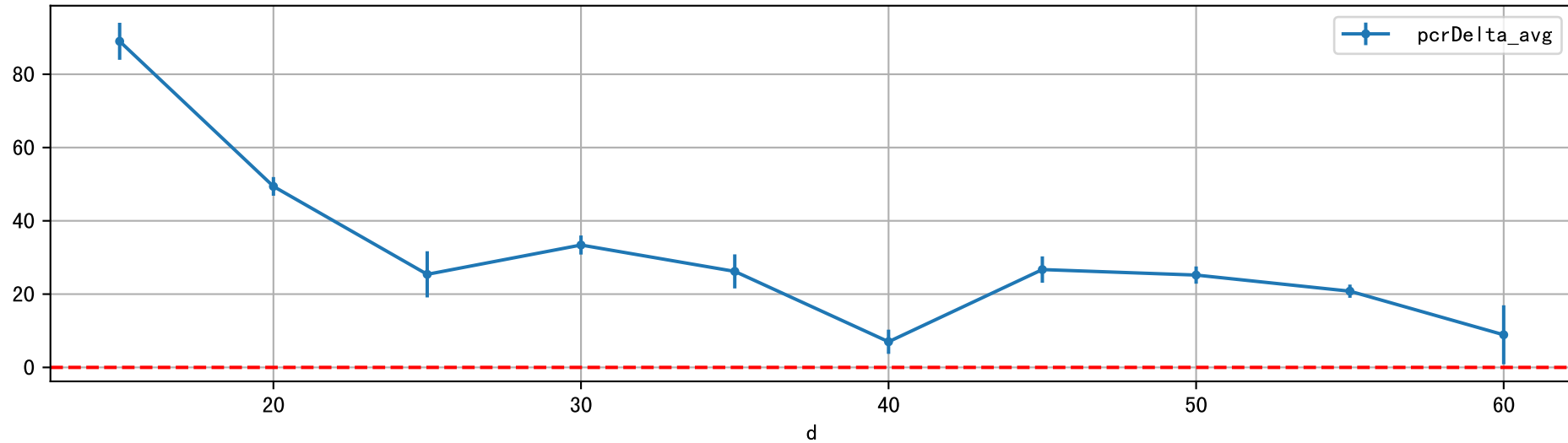
dStH: D_15d_StH



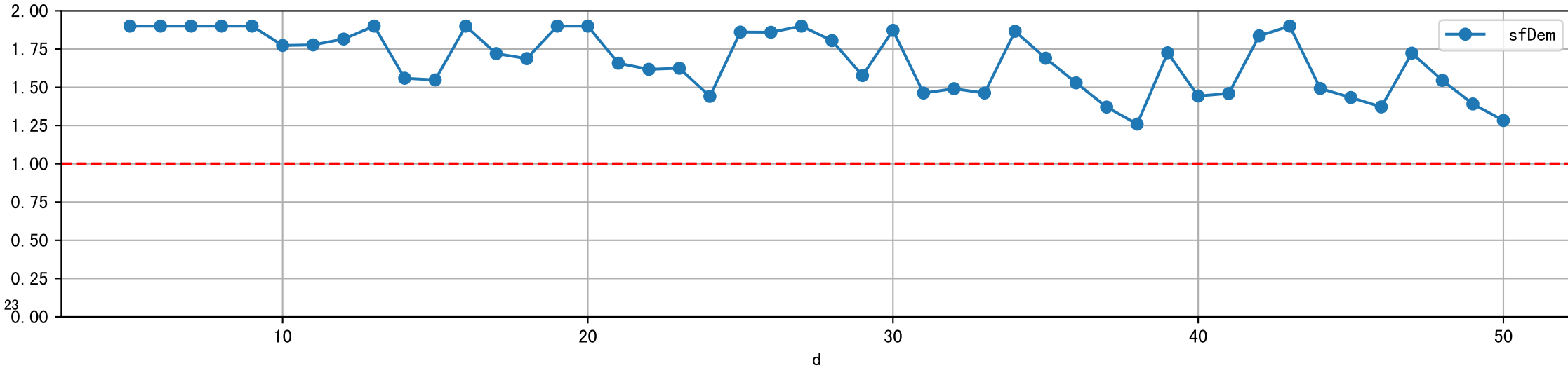
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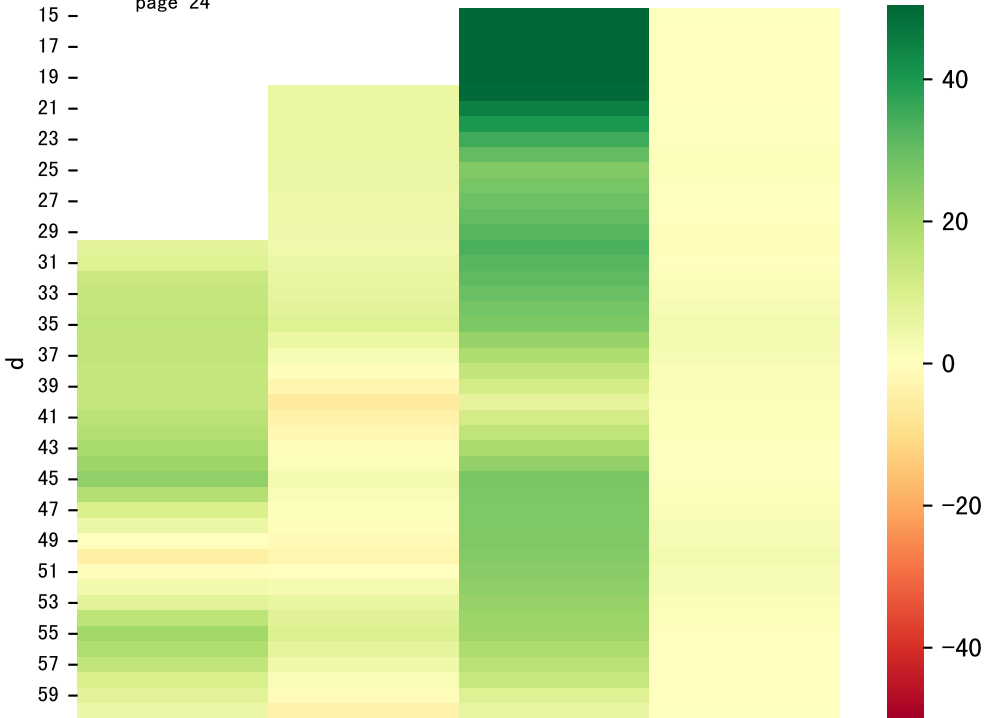


dStH: D_Est_StH



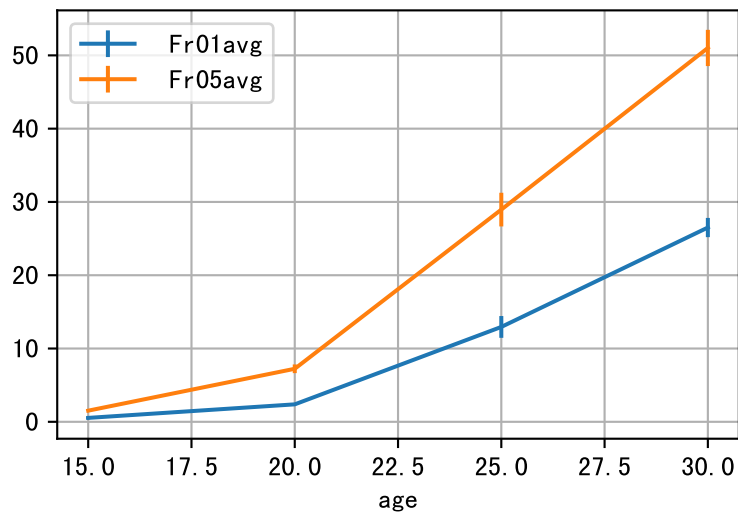
dStH: sfDem



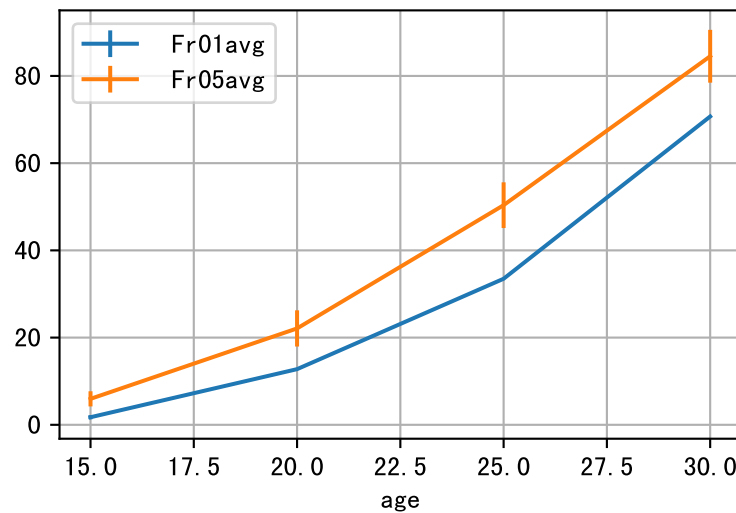


FrV: Fr01 vs Fr05 at each truss

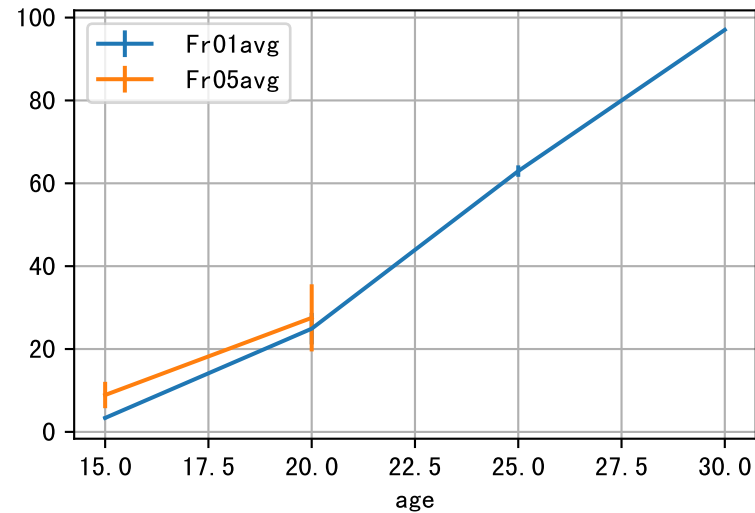
organID=T01



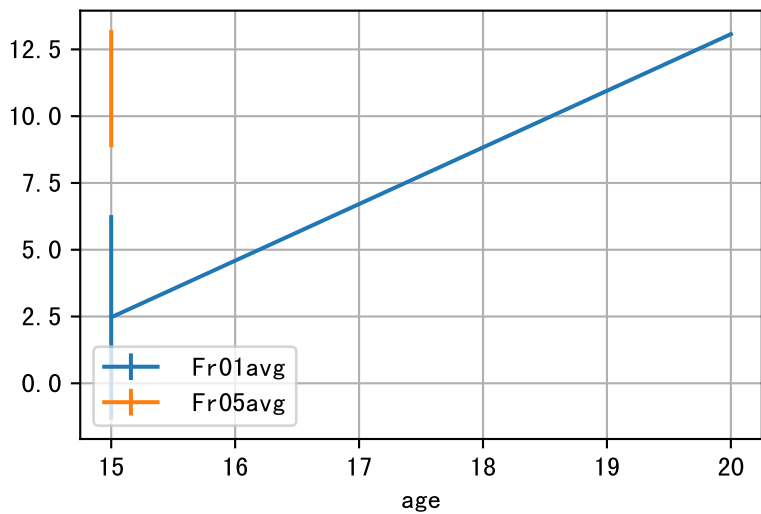
organID=T02



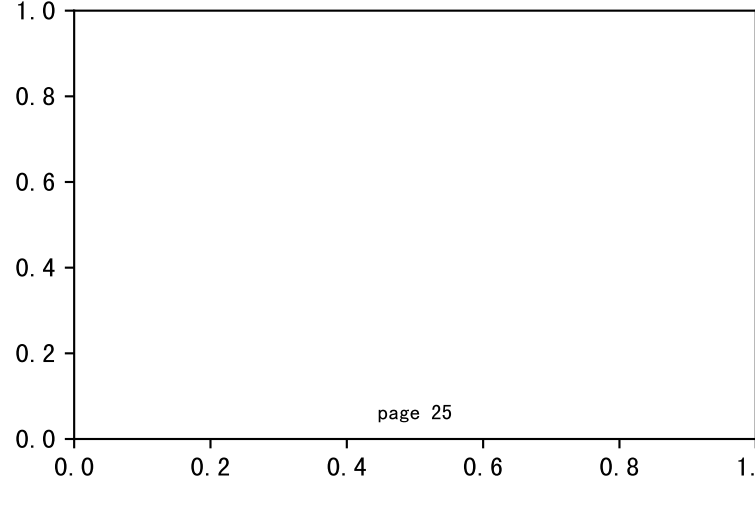
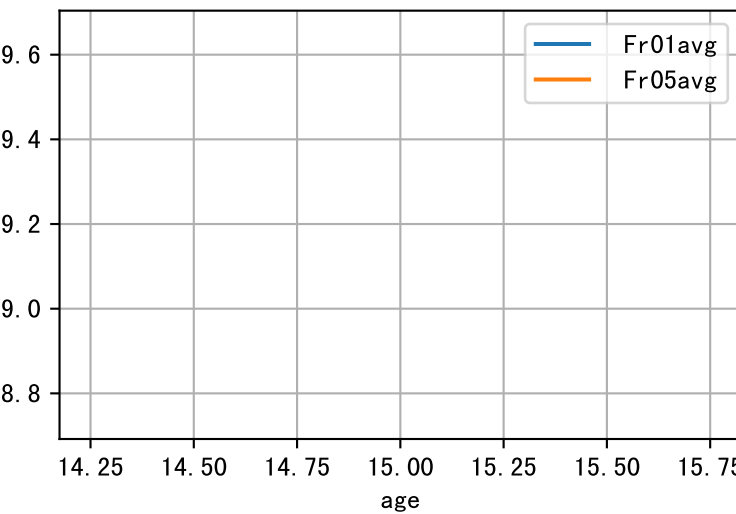
organID=T03



organID=T04

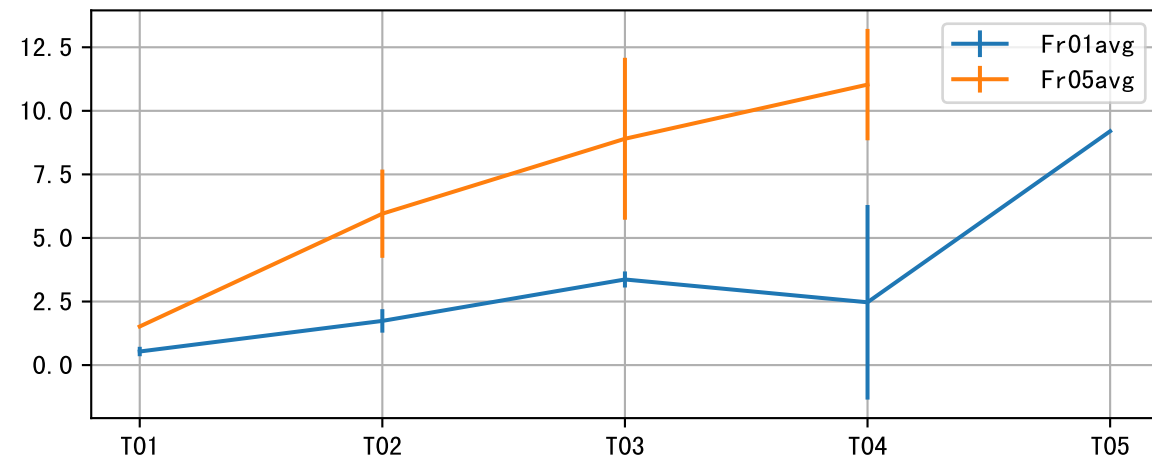


organID=T05

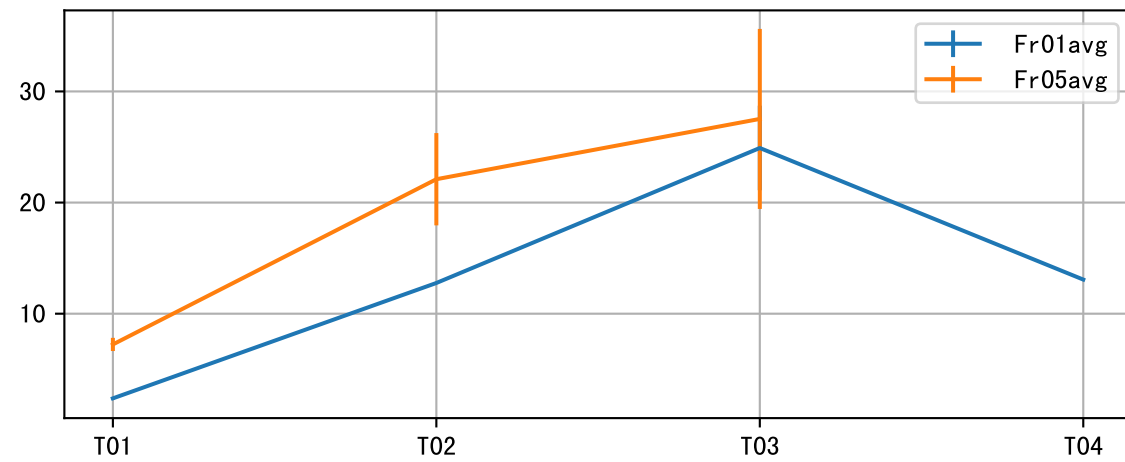


FrV trend at each age

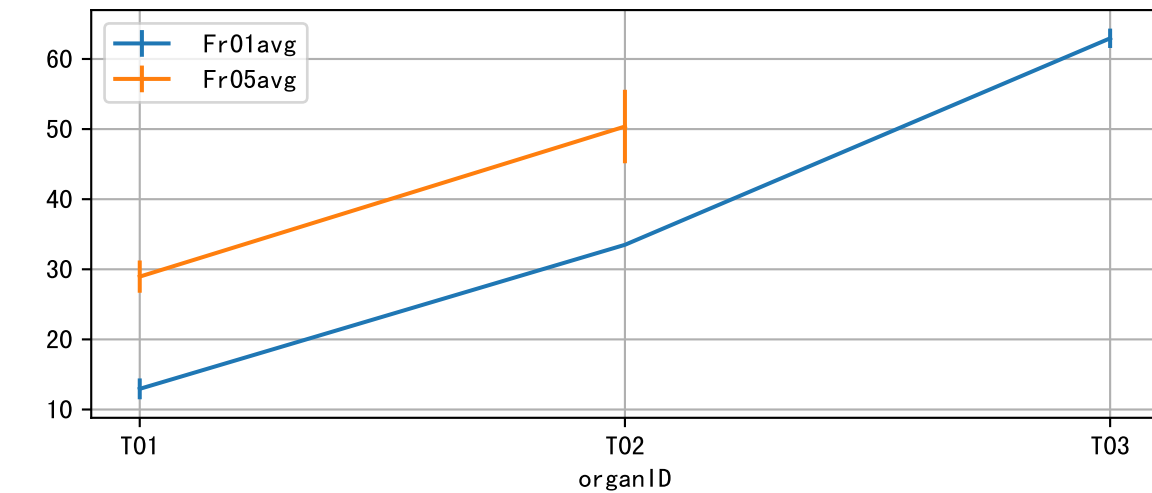
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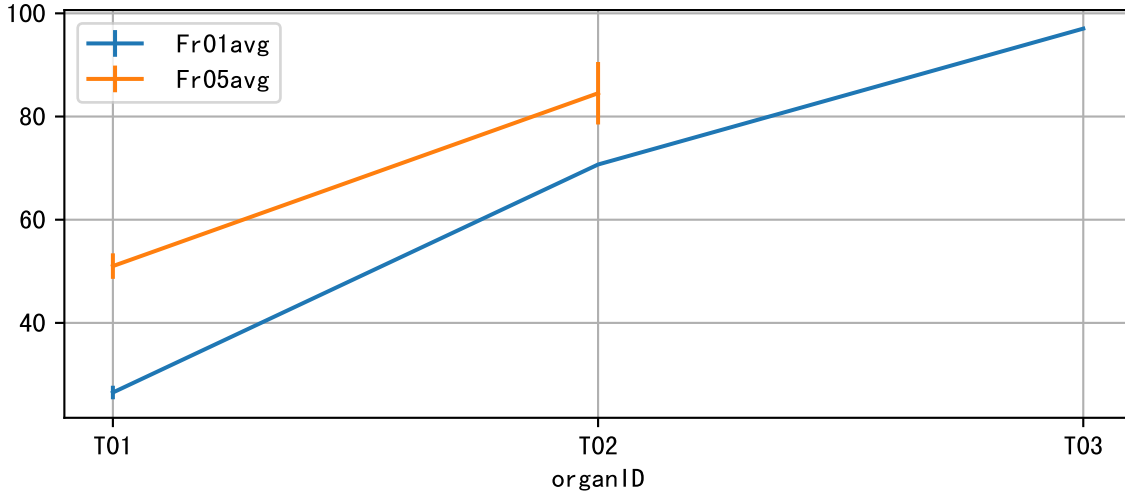
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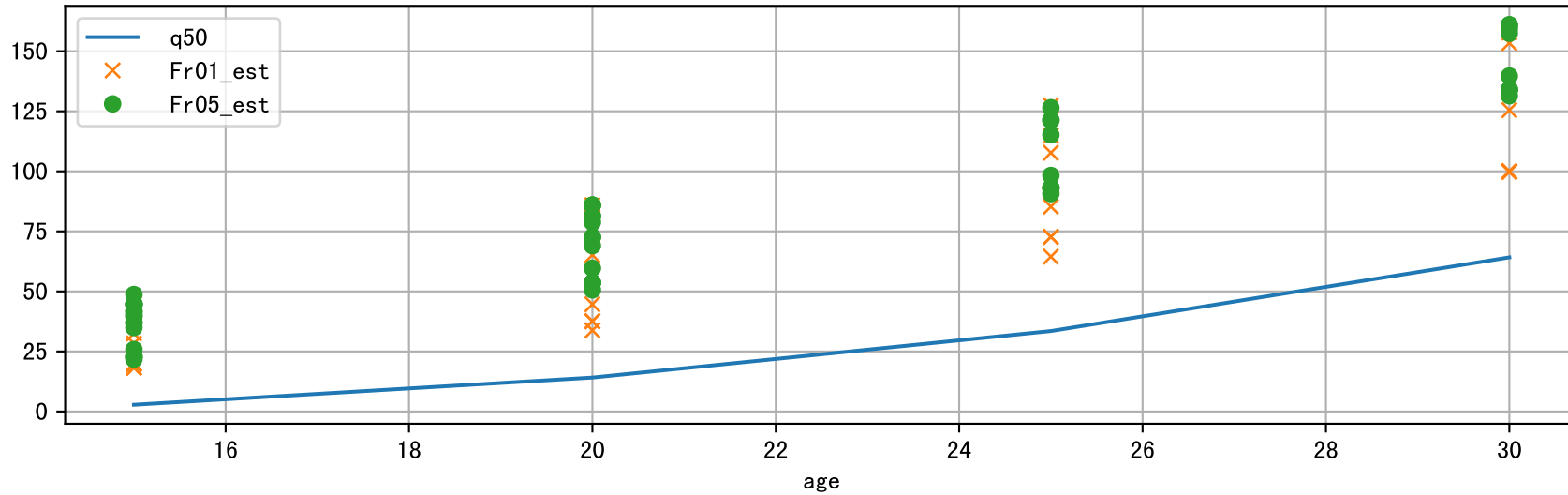
age=25



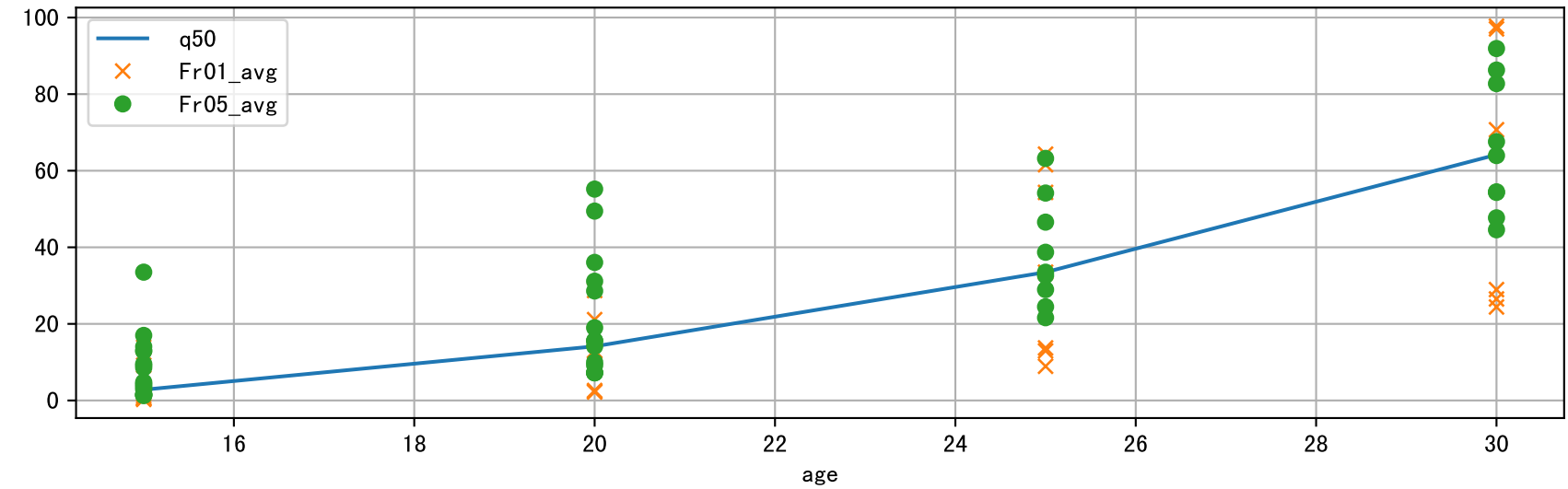
age=30



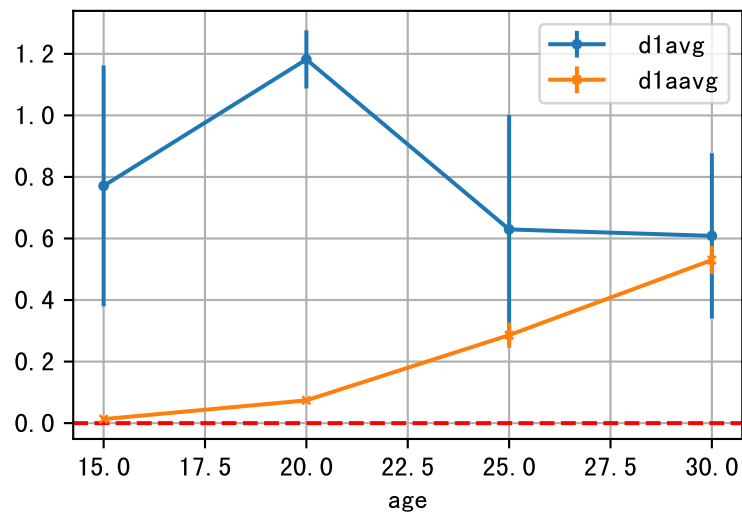
FrV: model Est vs obsFrV at Q90



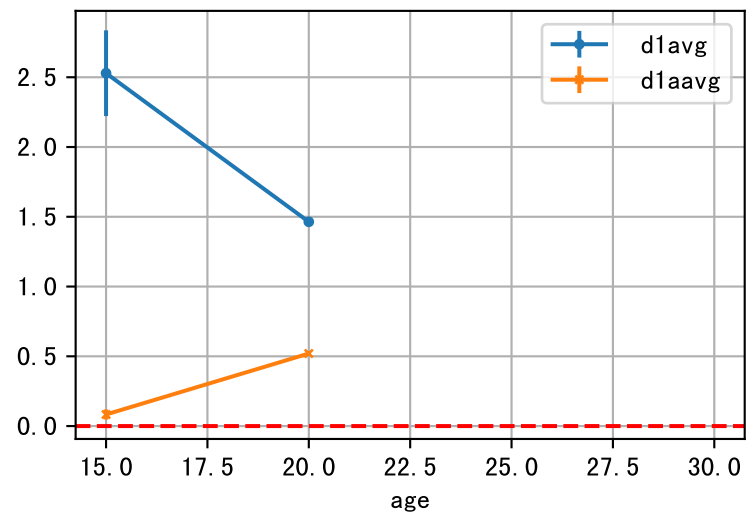
FrV: obsFrV vs obsFrV@Q90



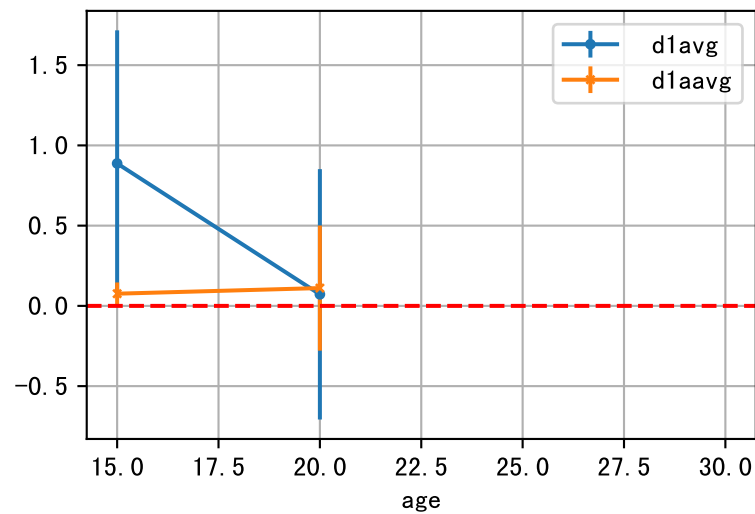
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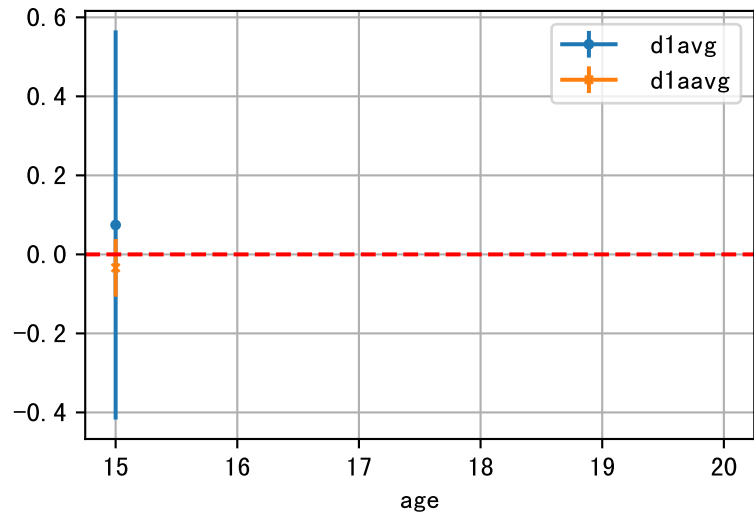
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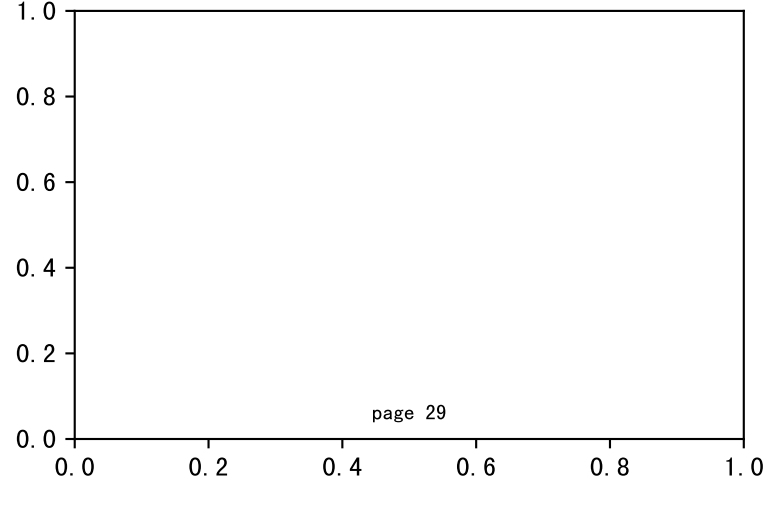
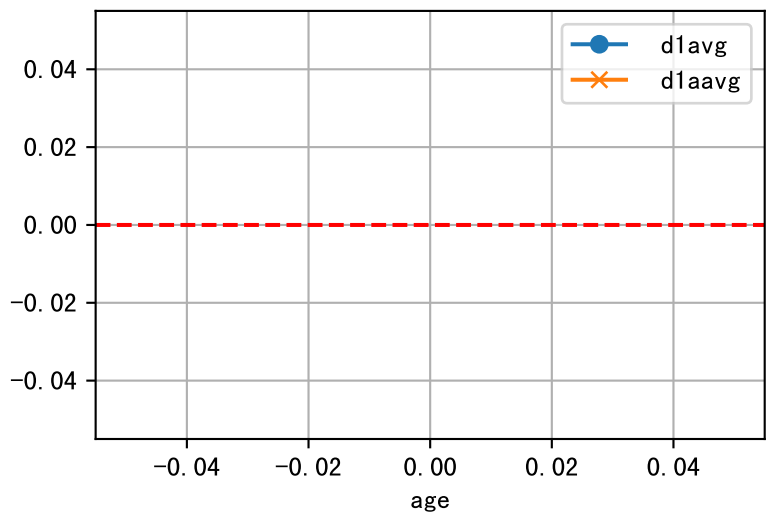
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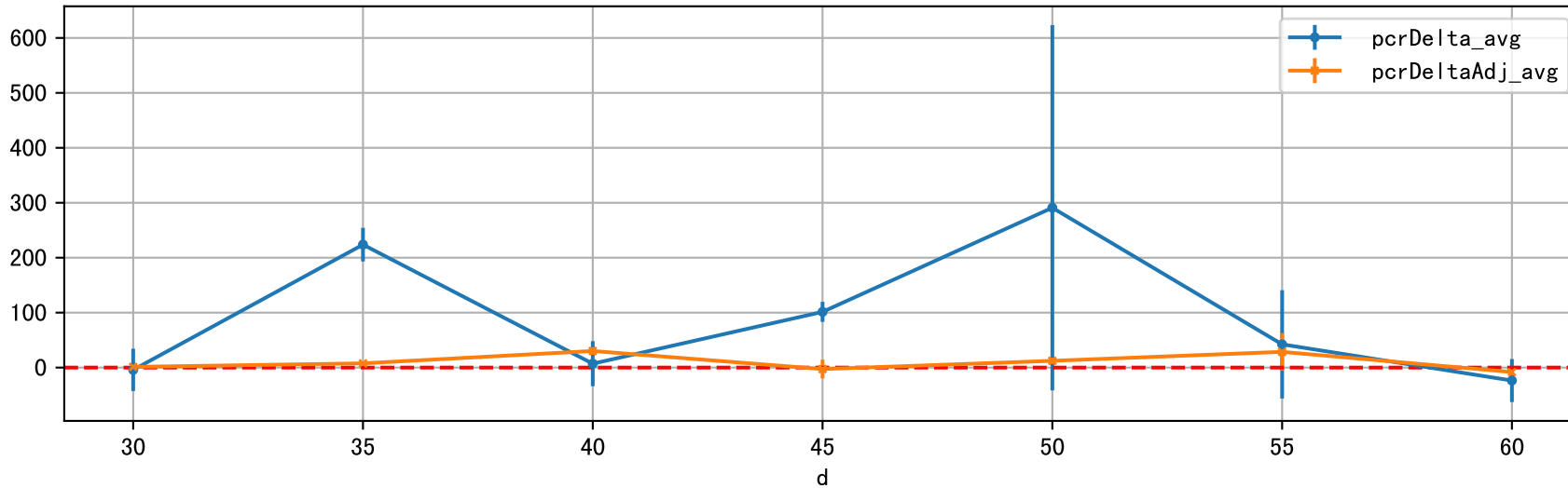
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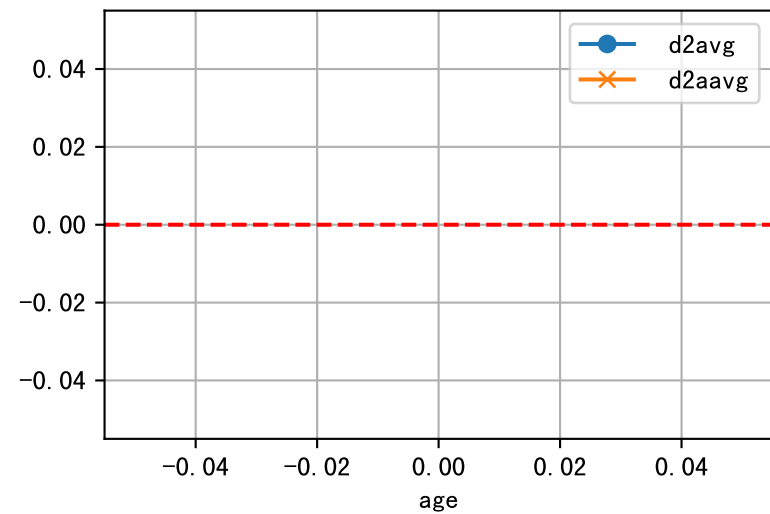
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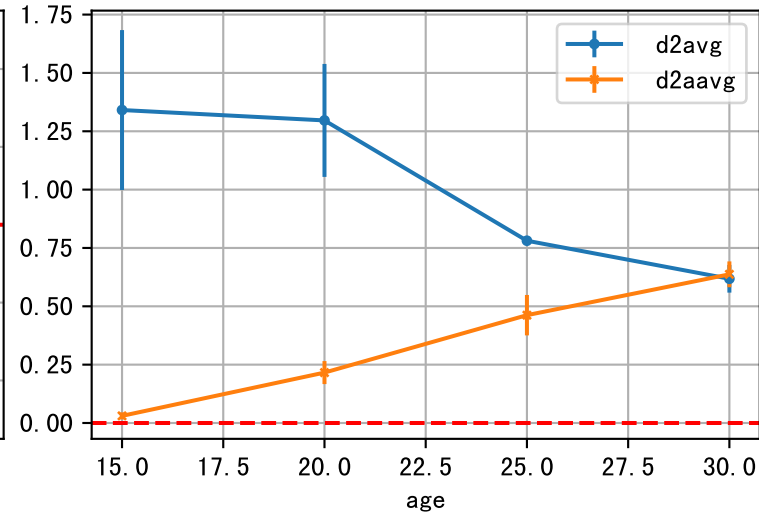
P6AW FrV: D_Fr1_FrV



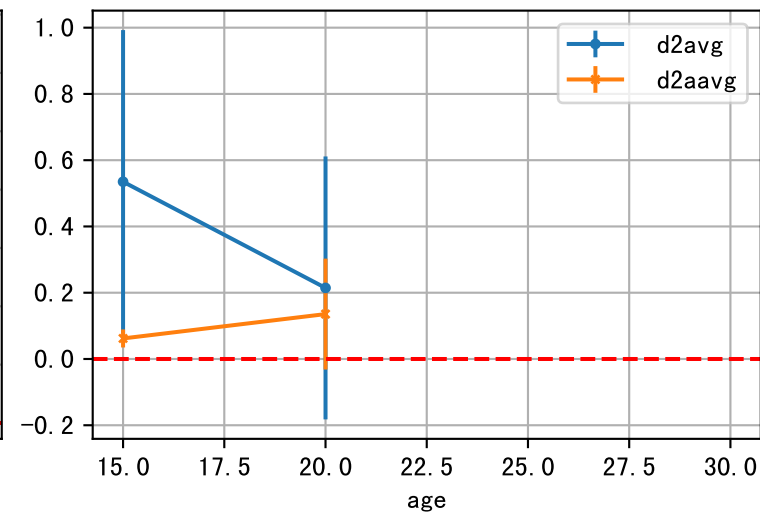
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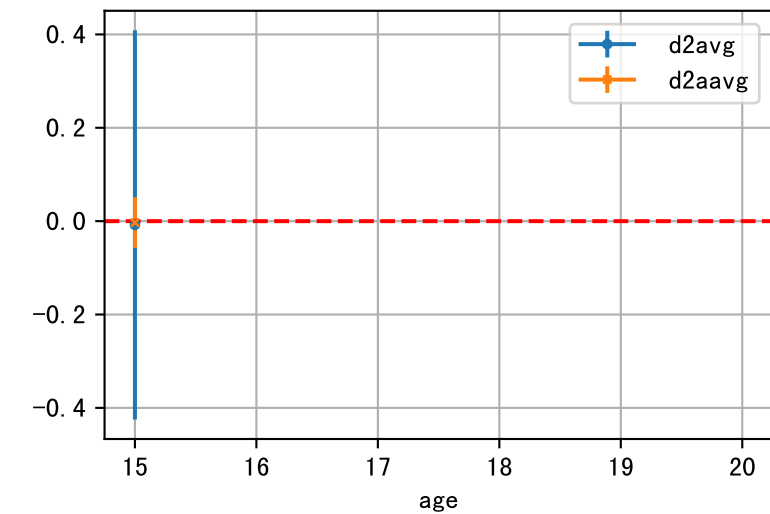
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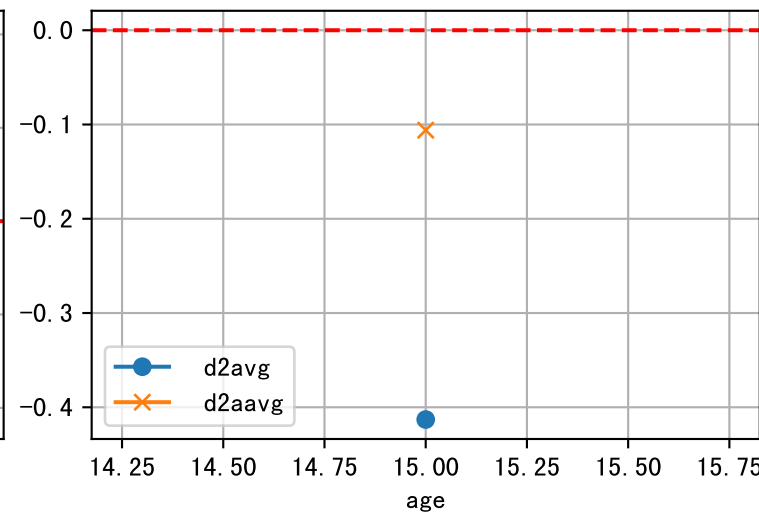
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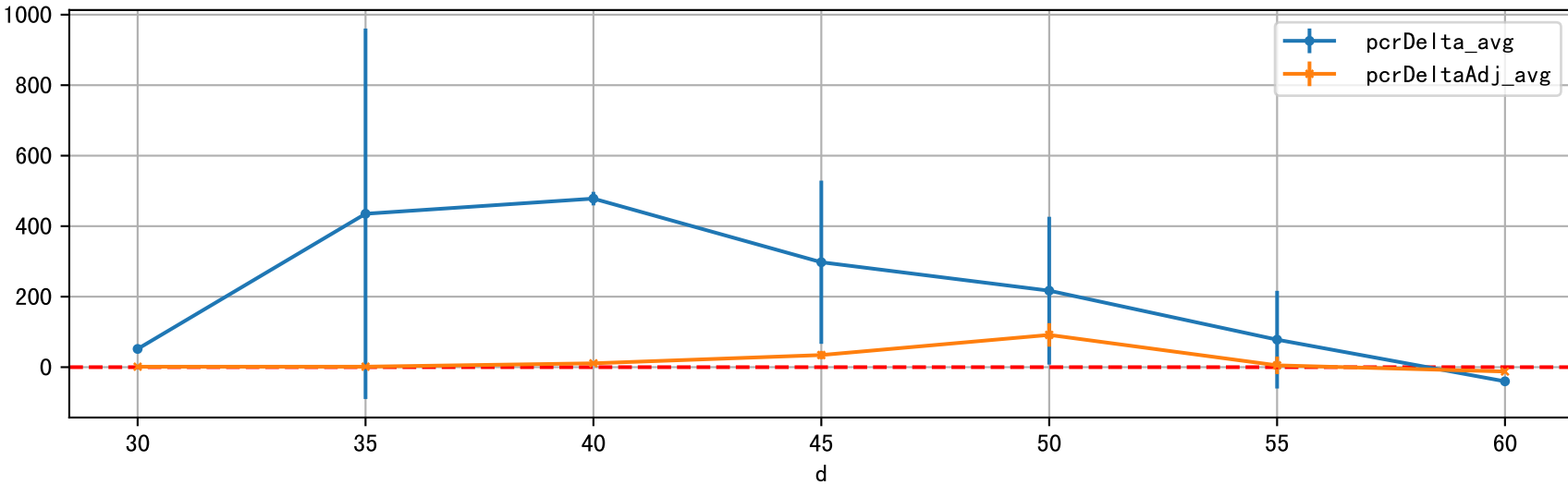
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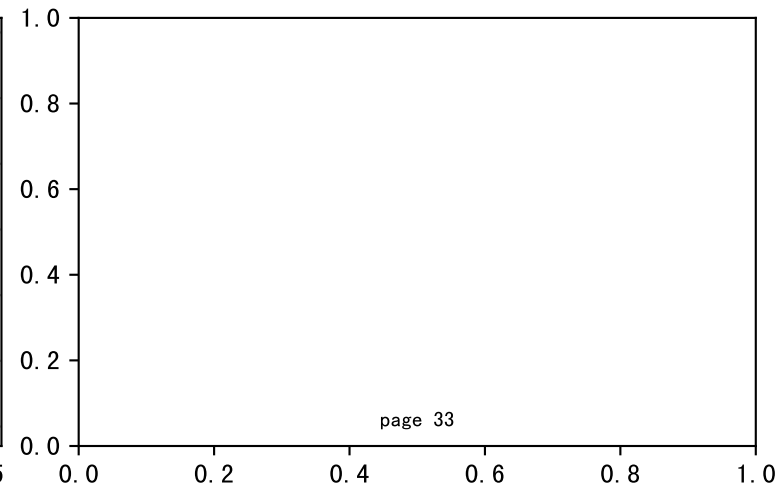
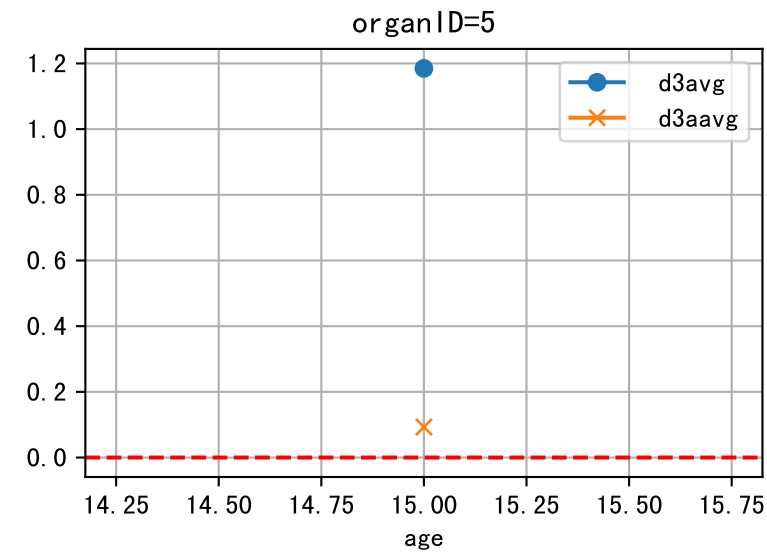
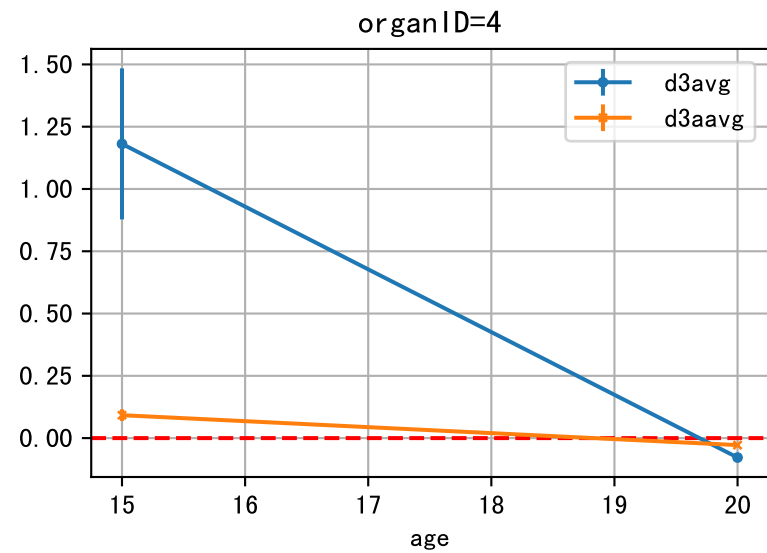
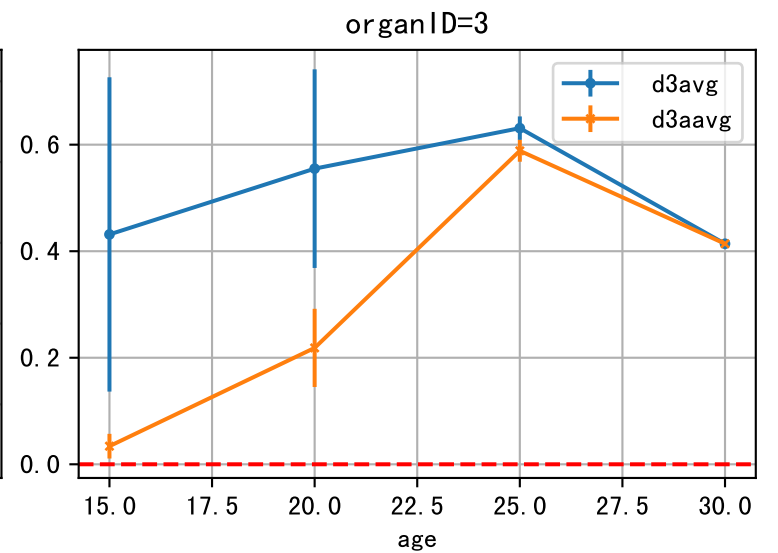
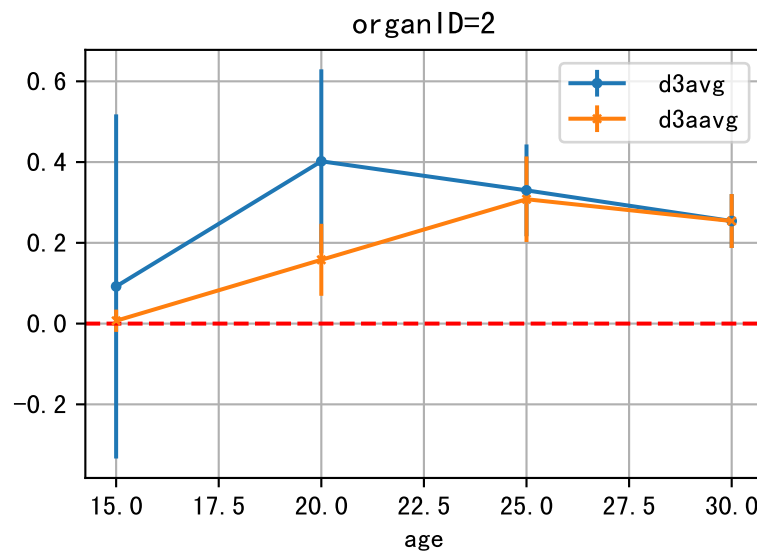
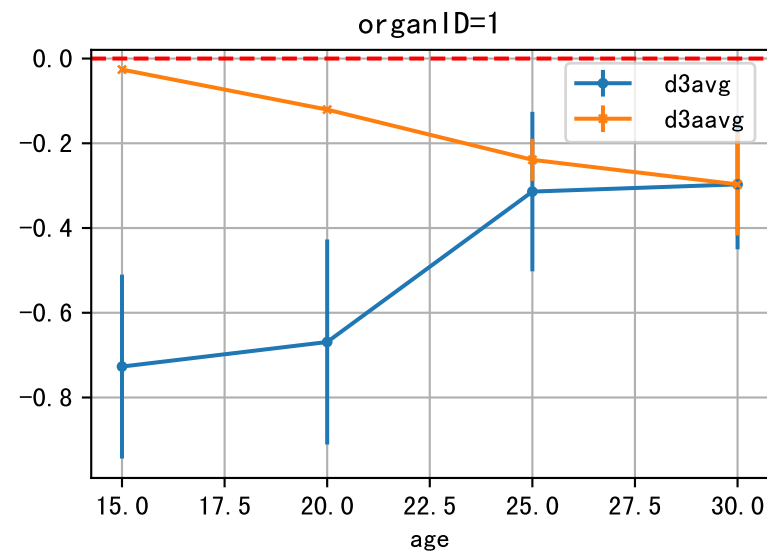
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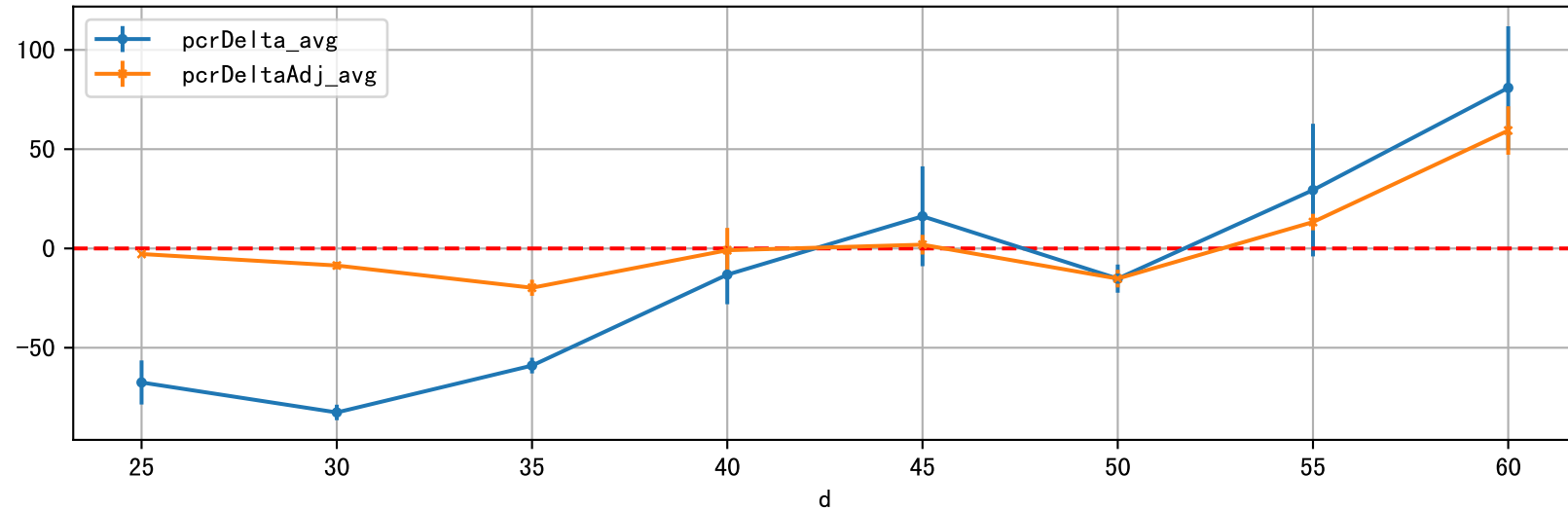
P6AW FrV: D_Ts_FrV



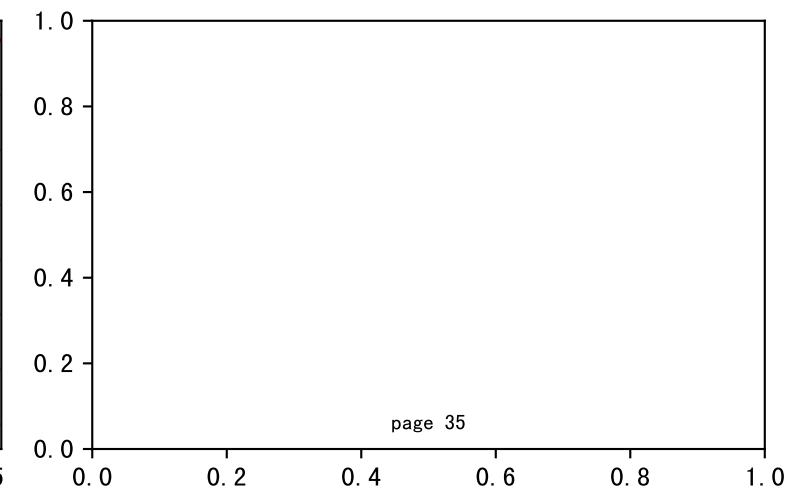
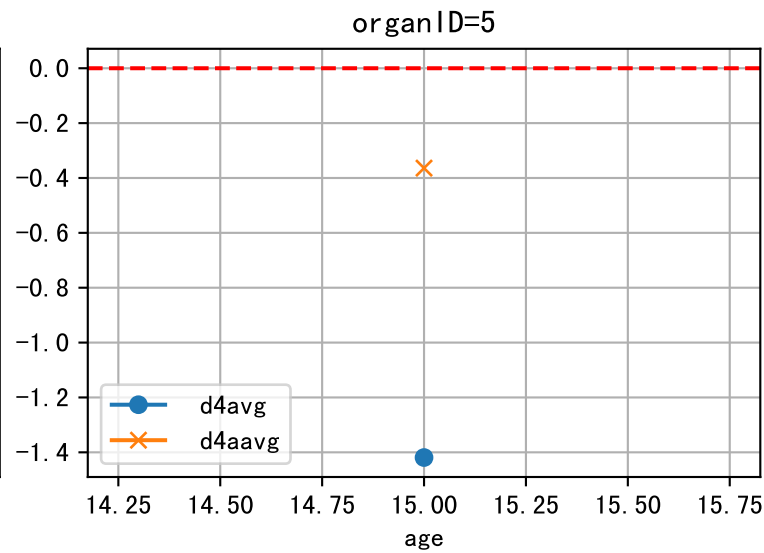
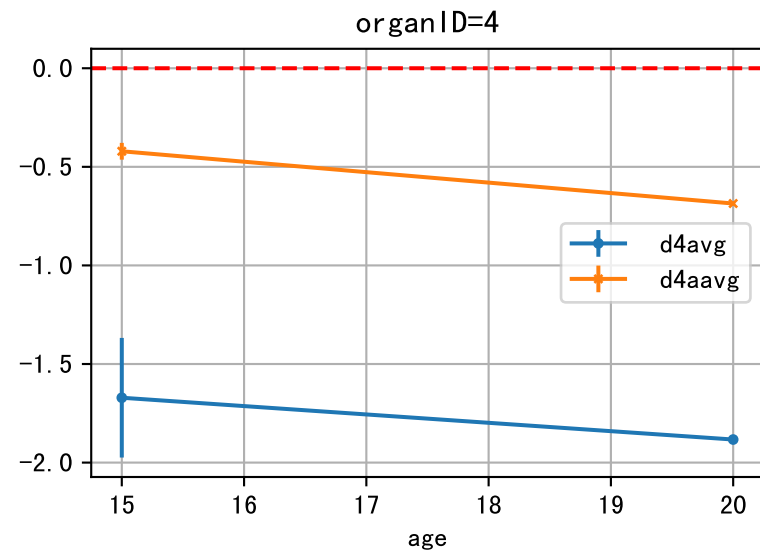
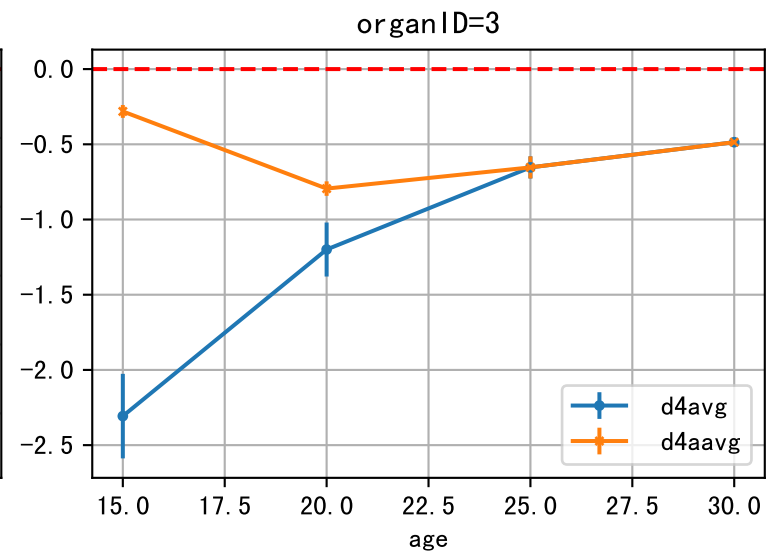
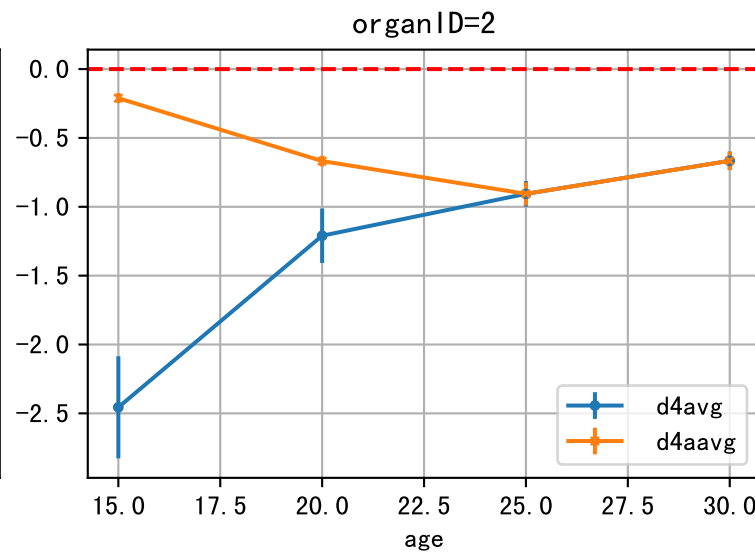
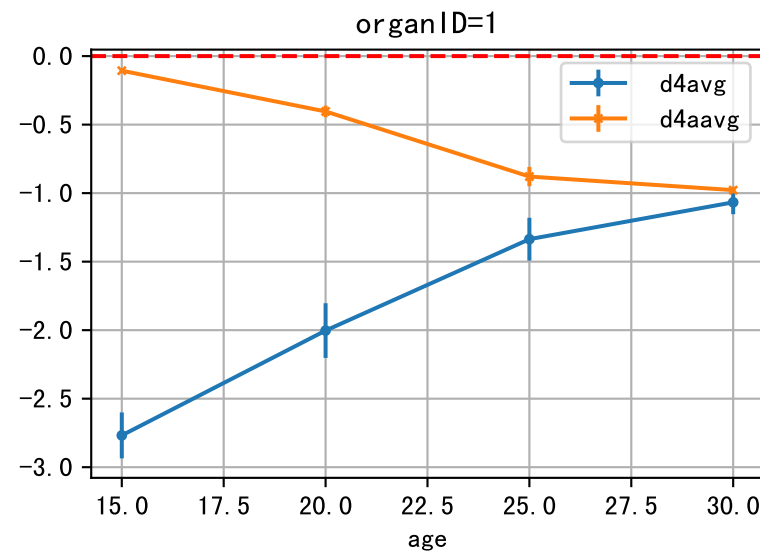
FrV: D_Q50_FrV



P6AW FrV: D_Q50_FrV



FrV: D_Est_FrV



P6AW FrV: D_Est_FrV

