

Phenotype Data Analysis Plots

PhenoData day range = 5 – 51

Analysis cutoff day = 51

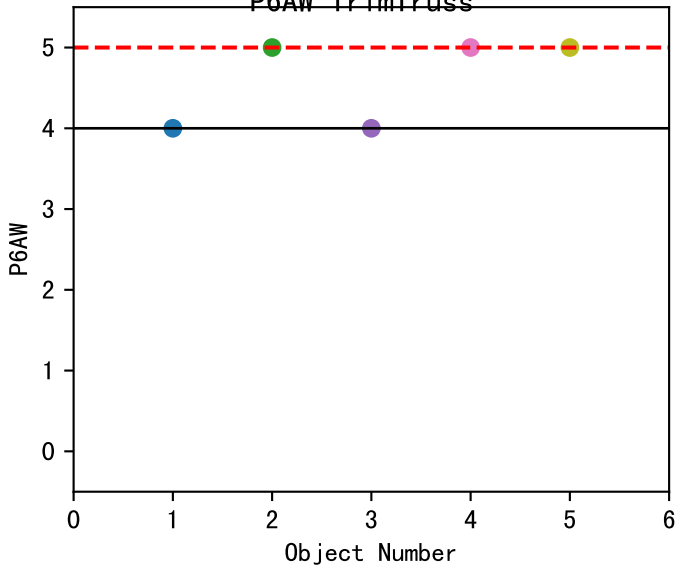
NC11 P6

2025-05-27 (Day 52)

TrussNodeMaxPerStem (Def=4.0 Set=5)

avg1=5.0~1.1% avg2=na

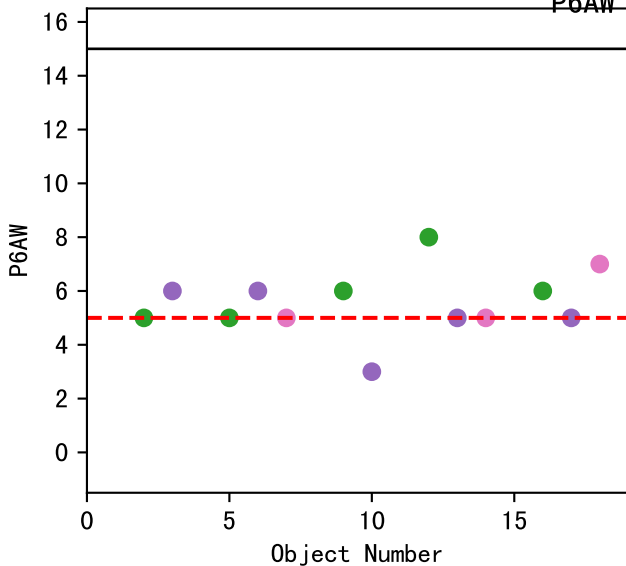
P6AW TrimTruss



FruitNumAvgPerTruss (Def=15 Set=5)

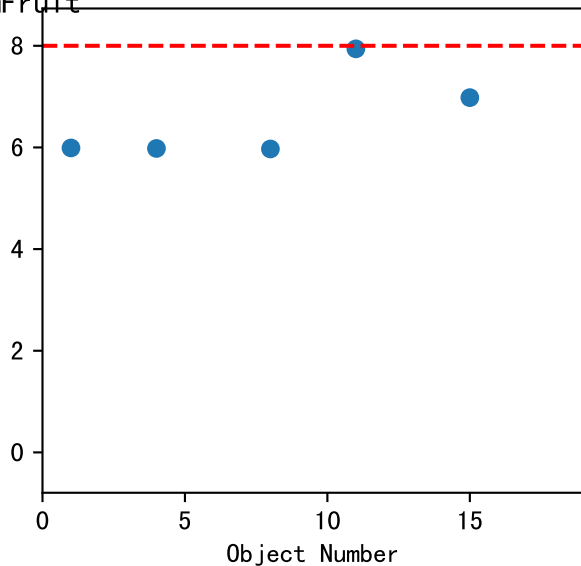
avg1=5.0~14% avg2=na

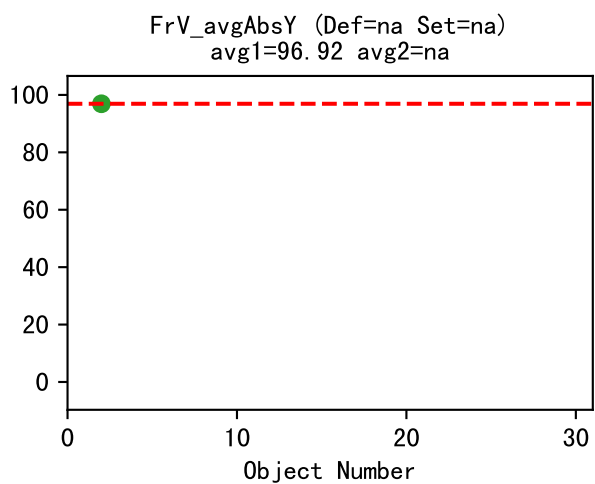
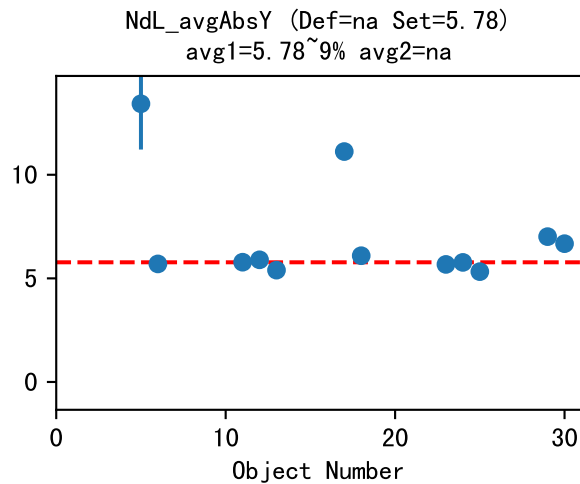
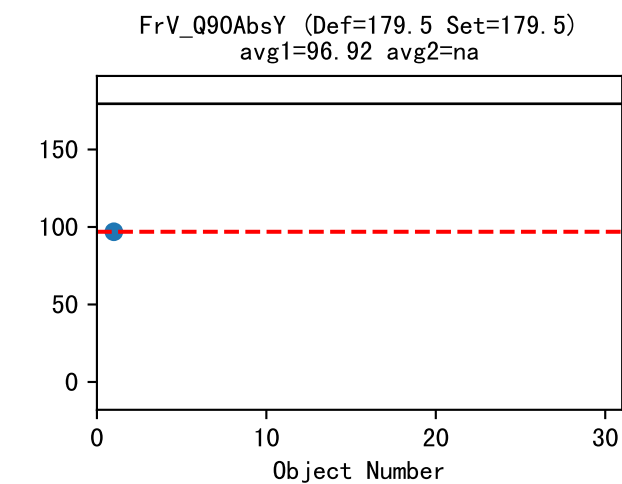
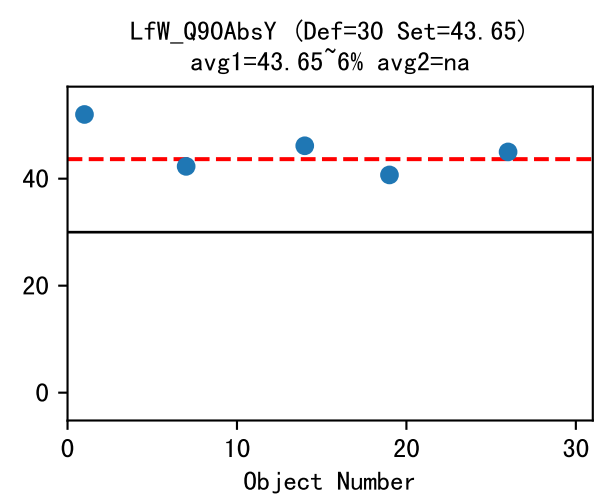
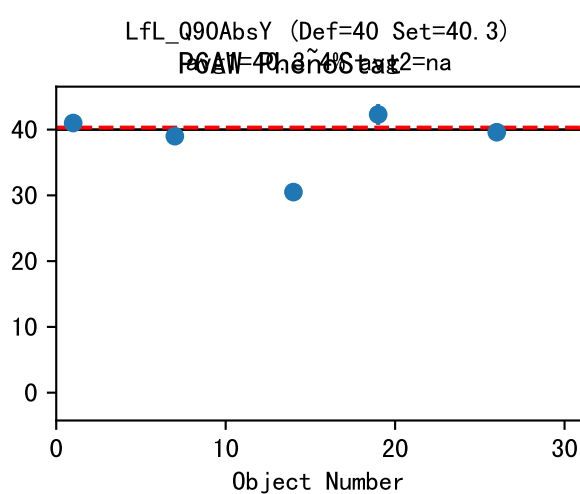
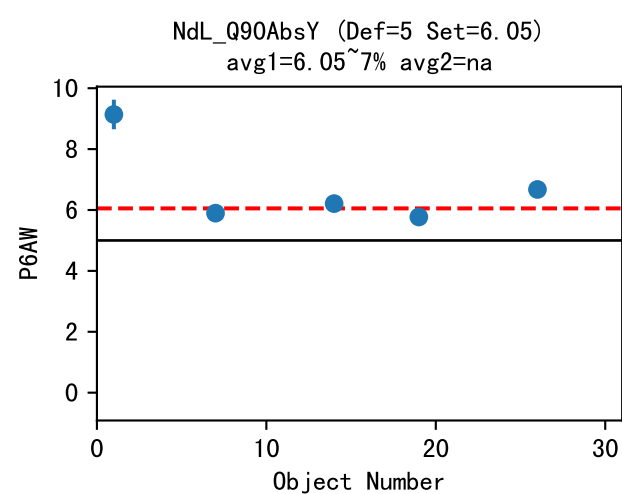
P6AW TrimFruit



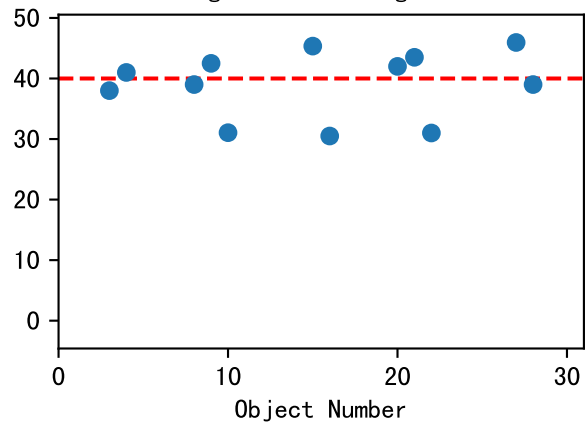
FruitNumMaxPerTruss (Def=na Set=8)

avg1=8.0~12% avg2=na

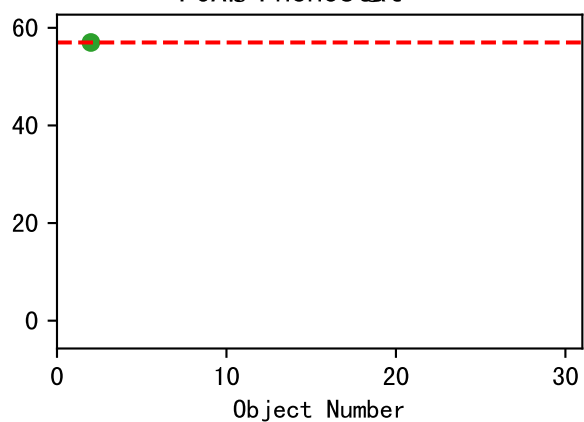




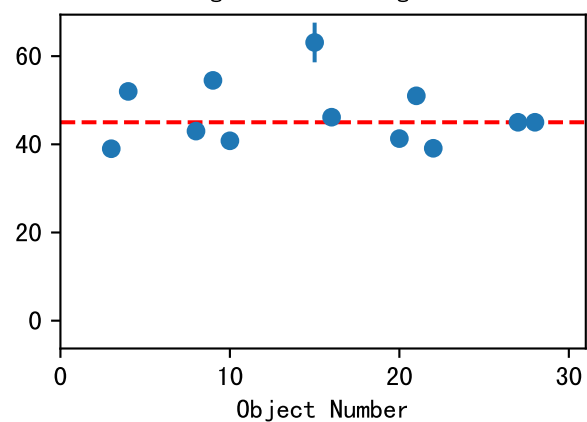
LfL_avgAbsY (Def=na Set=40.0)
avg1=40.0~14% avg2=na



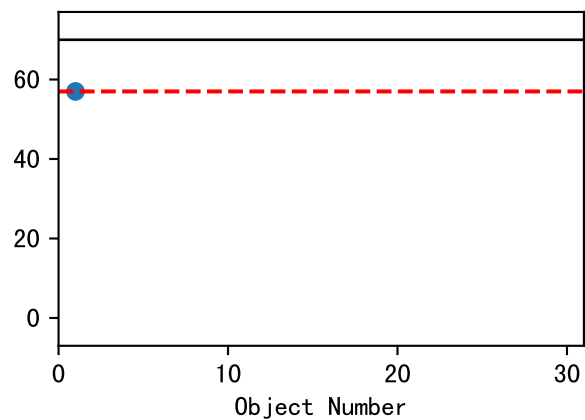
FrD_avgAbsY (Def=na Set=na)
avg1=57.0~0% avg2=na



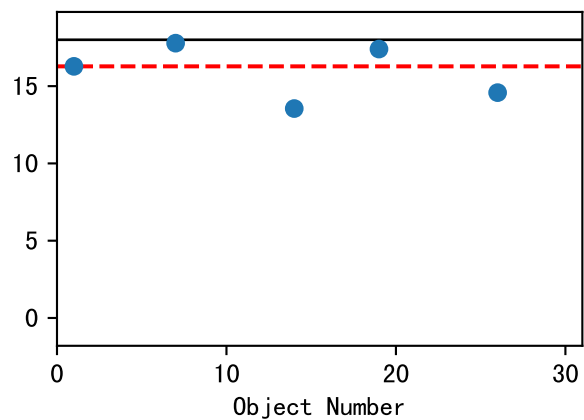
LfW_avgAbsY (Def=na Set=45.0)
avg1=45.0~16% avg2=na



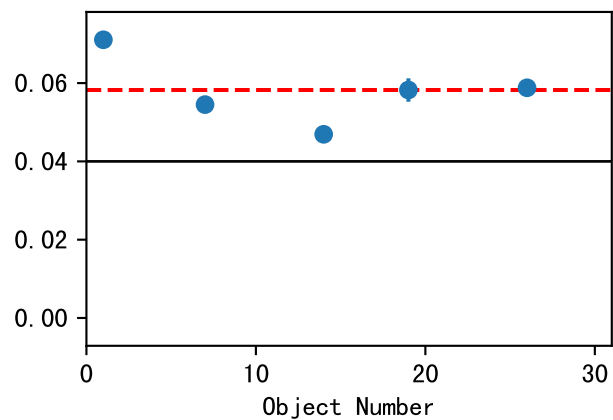
FrD_Q90AbsY (Def=70 Set=70)
avg1=57.0 avg2=na



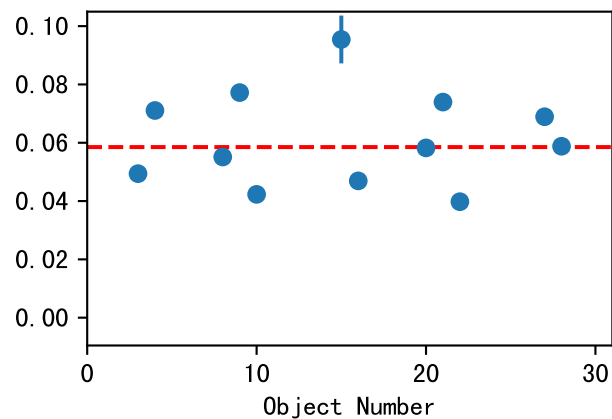
NdD_Q90AbsY (Def=18 Set=16.28)
avg1=16.28~11% avg2=na



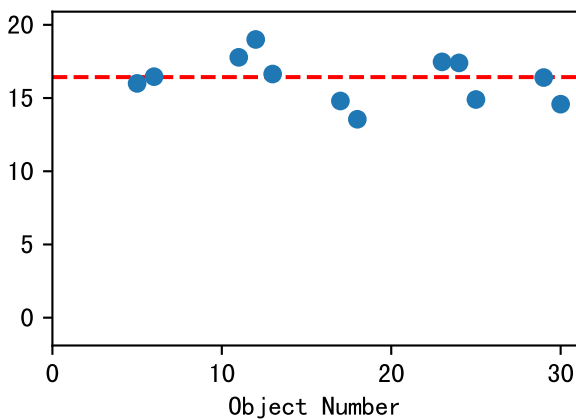
LfA_Q90AbsY (Def=0.04 Set=0.04)
avg1=0.06~4% avg2=na



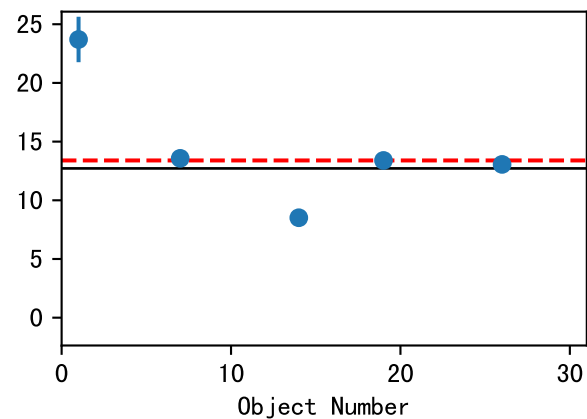
LfA_avgAbsY (Def=na Set=0.06)
avg1=0.06~28% avg2=na



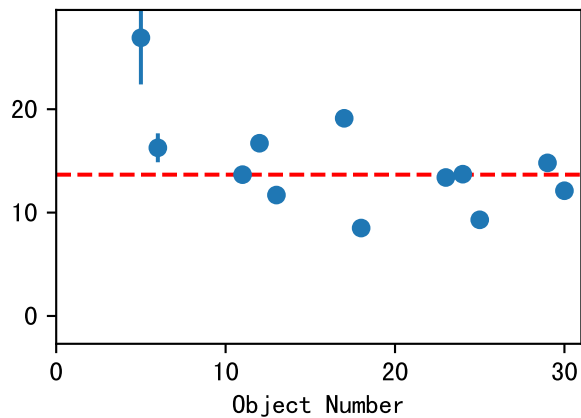
NdD_avgAbsY (Def=na Set=16.43)
avg1=16.43~10% avg2=na



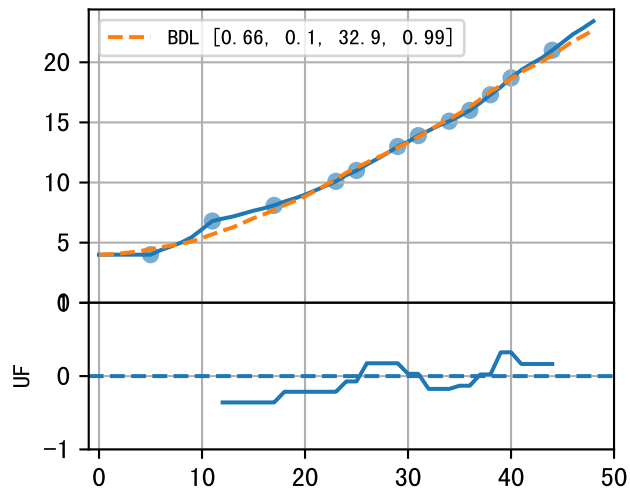
NdV_Q90AbsY (Def=12.72 Set=12.72)
avg1=13.39~2% avg2=na



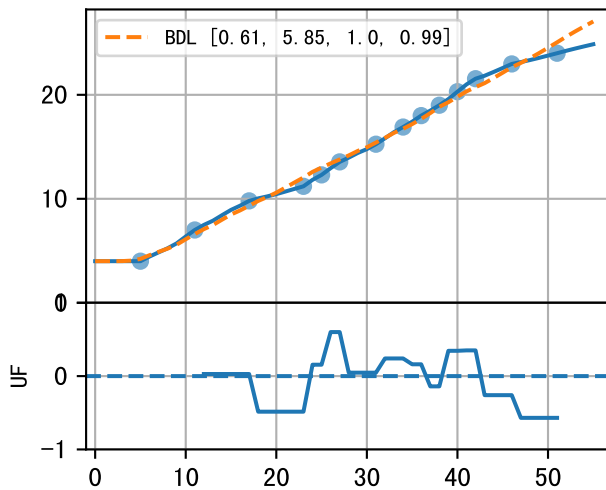
NdV_avgAbsY (Def=na Set=13.67)
avg1=13.67~23% avg2=na



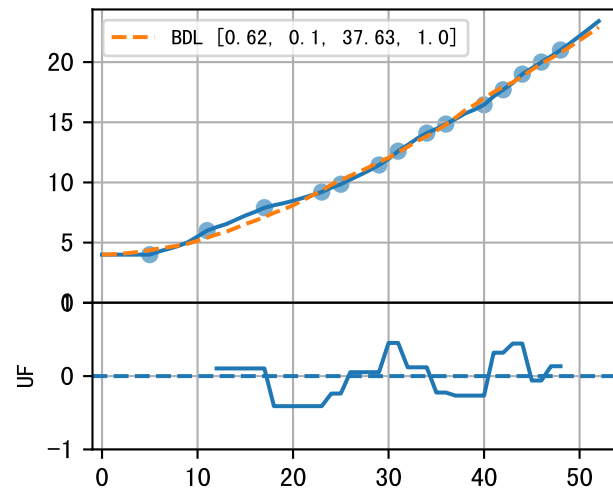
P6AW-058-22 (fit failed)



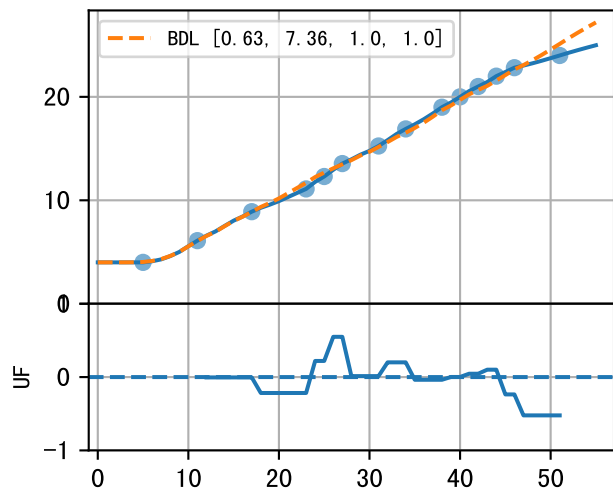
P6AW-074-19 (fit failed)



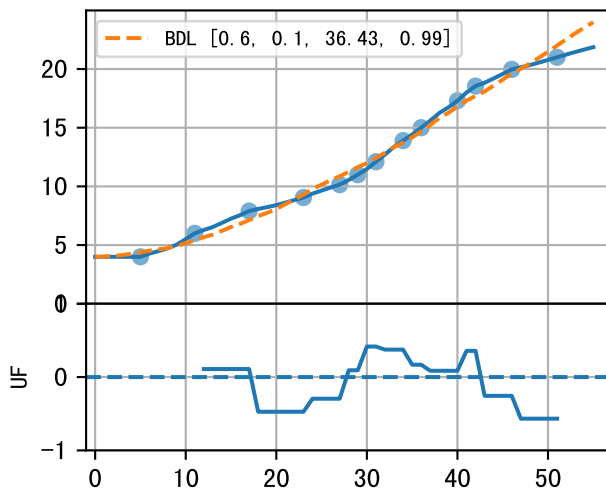
P6AW-087-14 (fit failed)



P6AW-095-29 (fit failed)

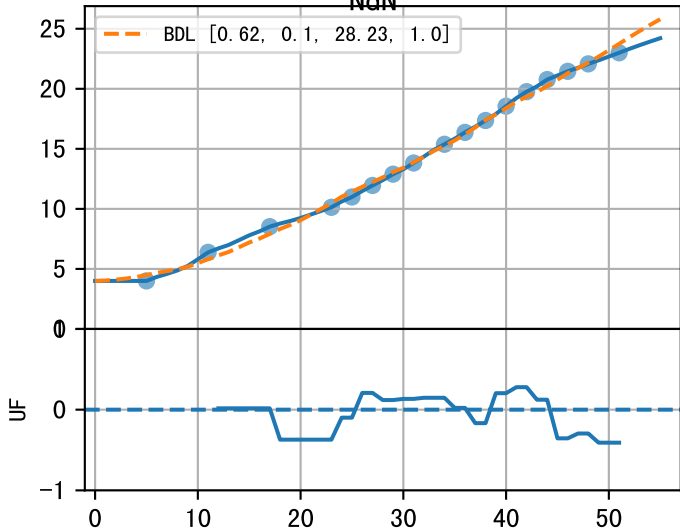


P6AW-106-11 (fit failed)

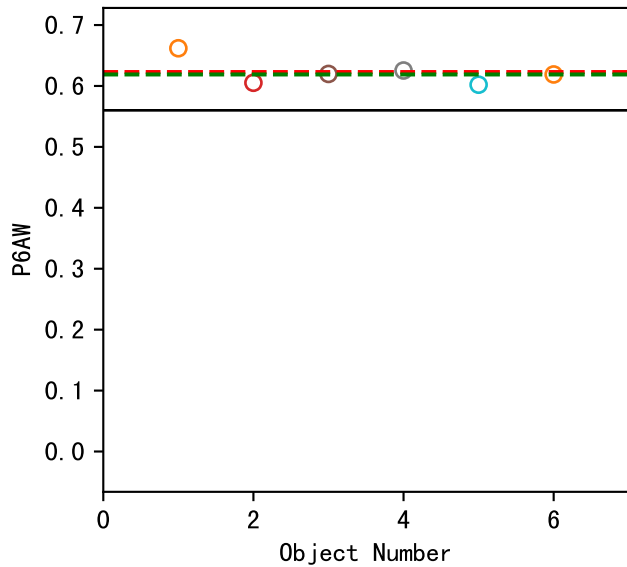


P6AWavg (fit failed)

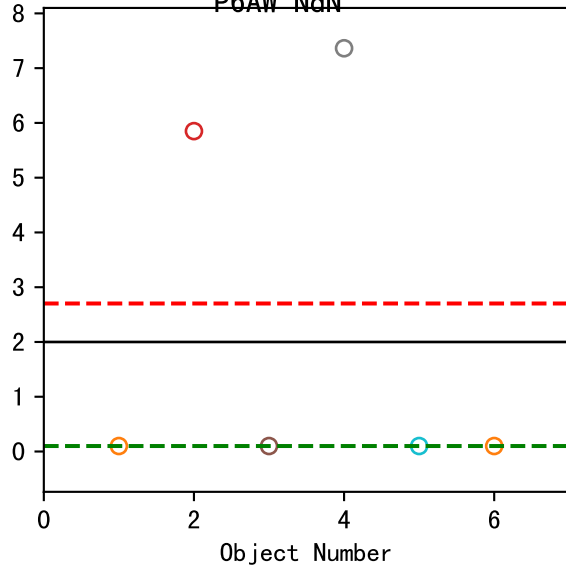
NdN



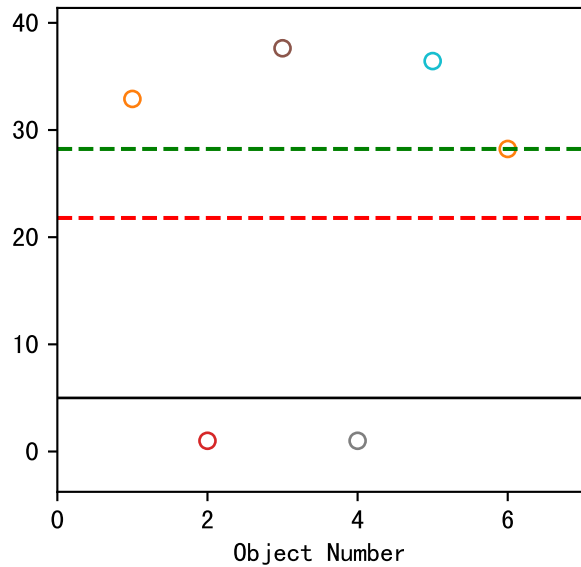
a (Def=0.56 Set=0.62)
avg1=0.62(fail) avg2=0.62



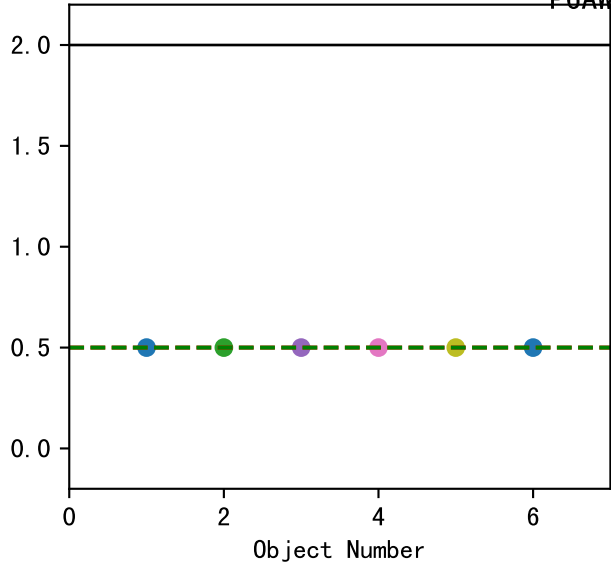
dm (Def=2 Set=0.1)
avg1=2.7(fail) avg2=0.1



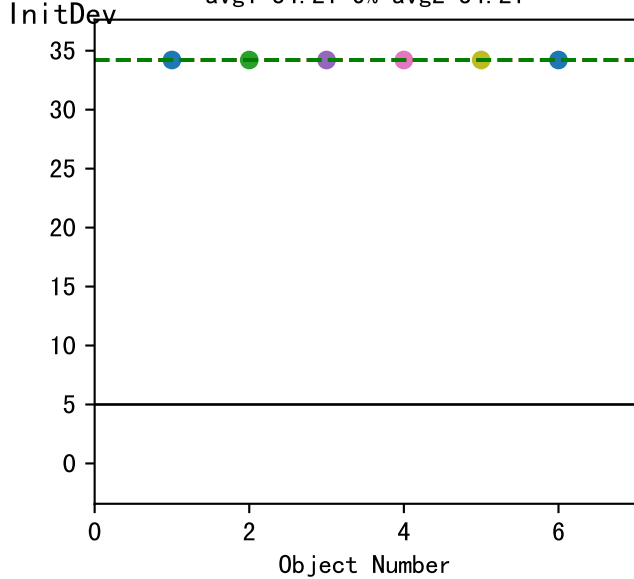
de (Def=5 Set=28.23)
avg1=21.79(fail) avg2=28.23



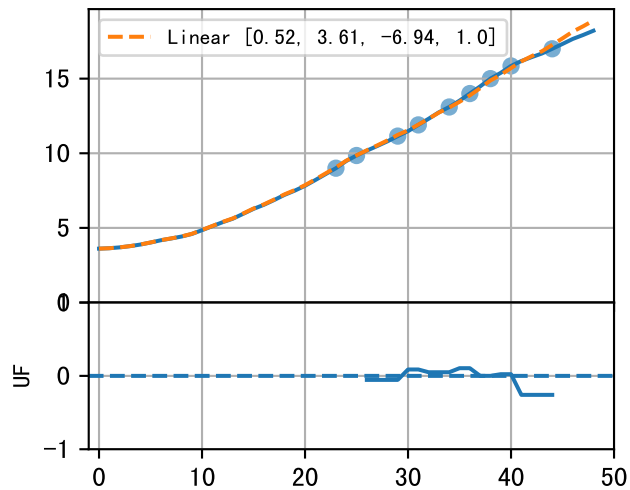
InitDev_dm (Def=2 Set=0.5)
avg1=0.5~0% avg2=0.5



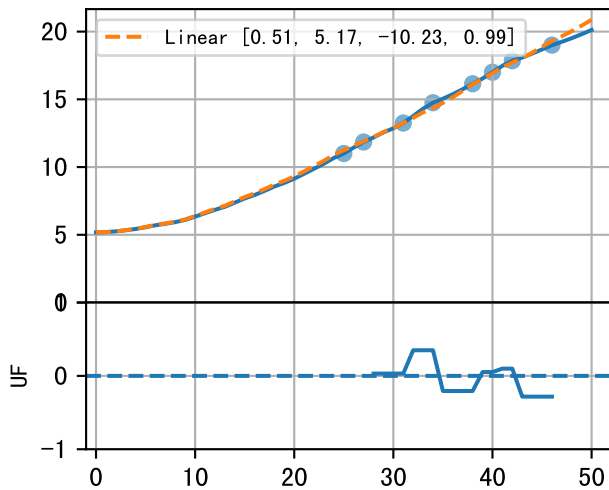
InitDev_de (Def=5 Set=34.21)
avg1=34.21~0% avg2=34.21



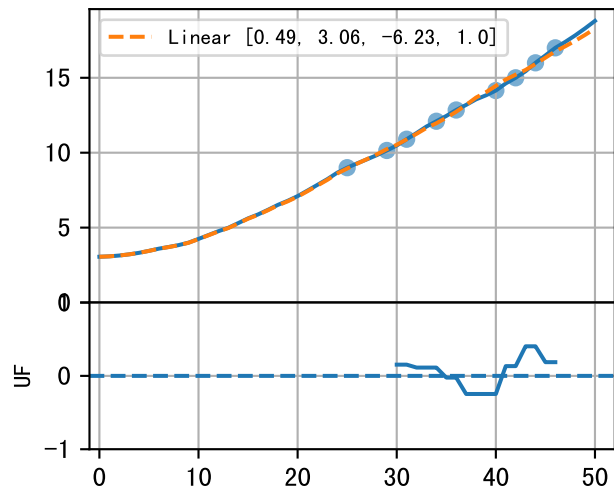
P6AW-058-22



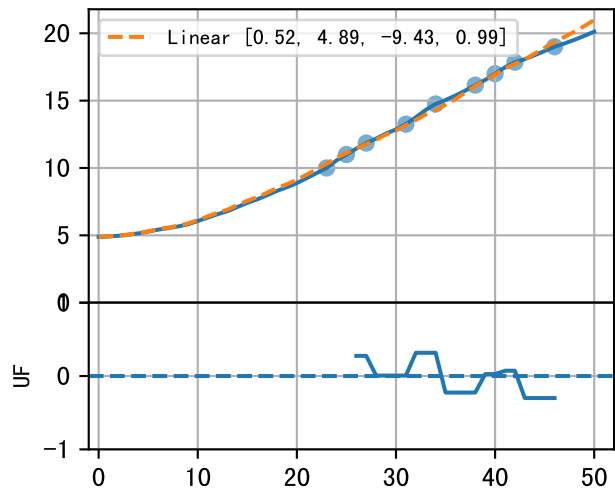
P6AW-074-9



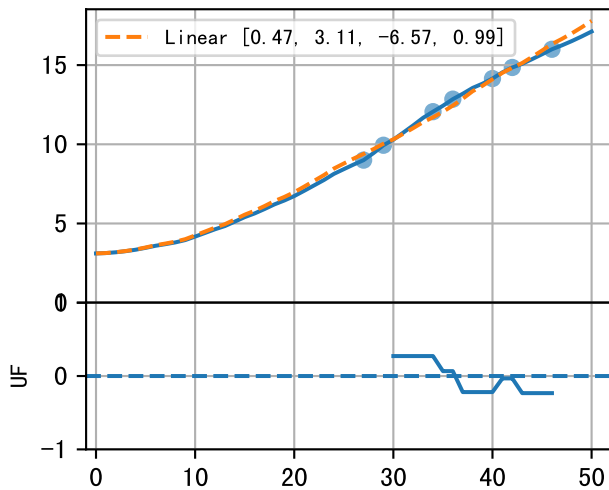
P6AW-087-14



P6AW-095-29

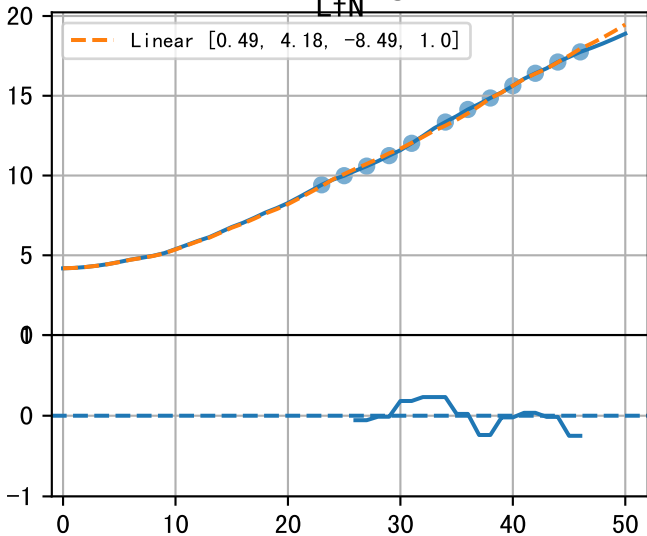


P6AW-106-11

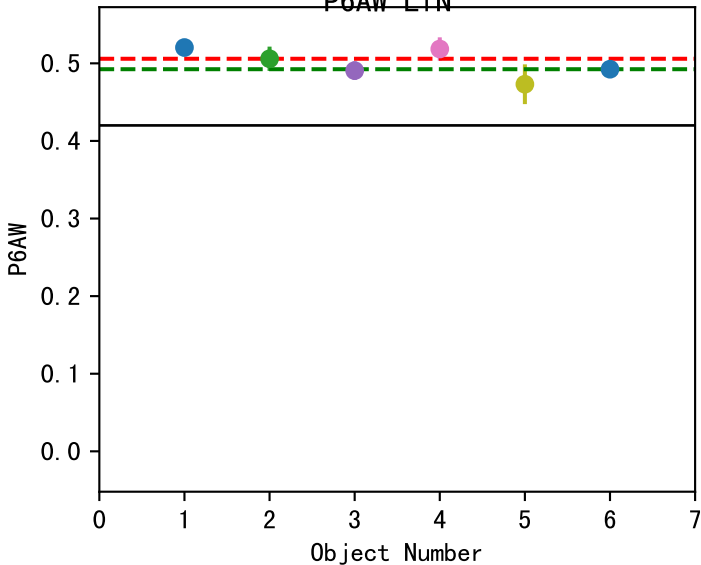


P6AWavg
Lfn

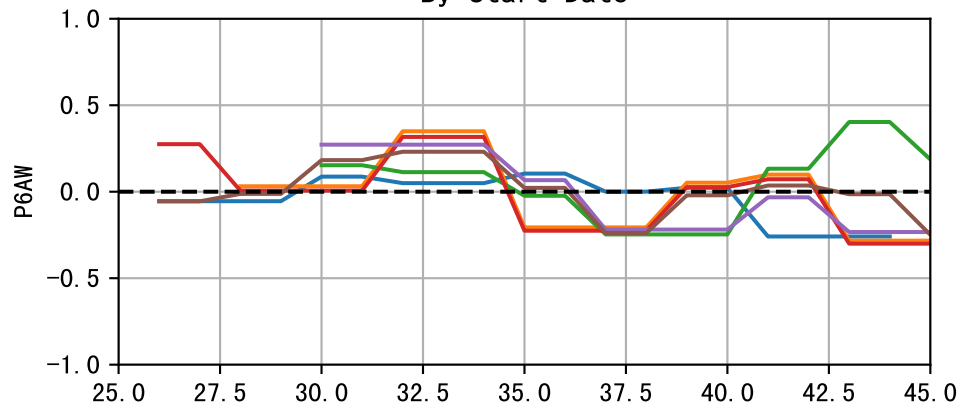
UF



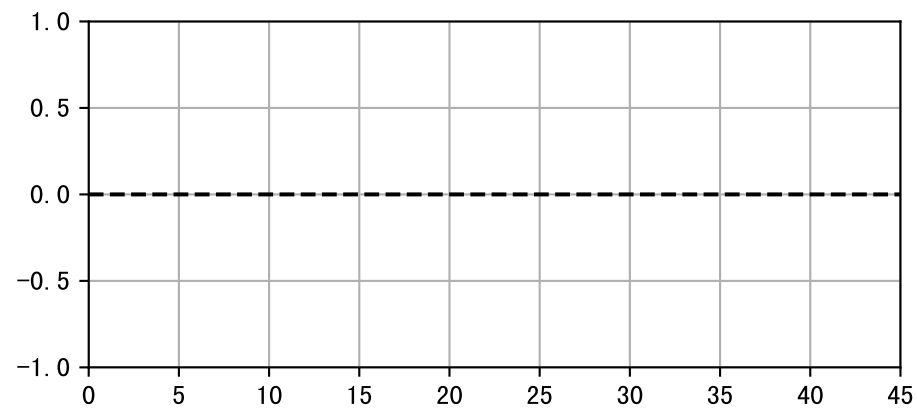
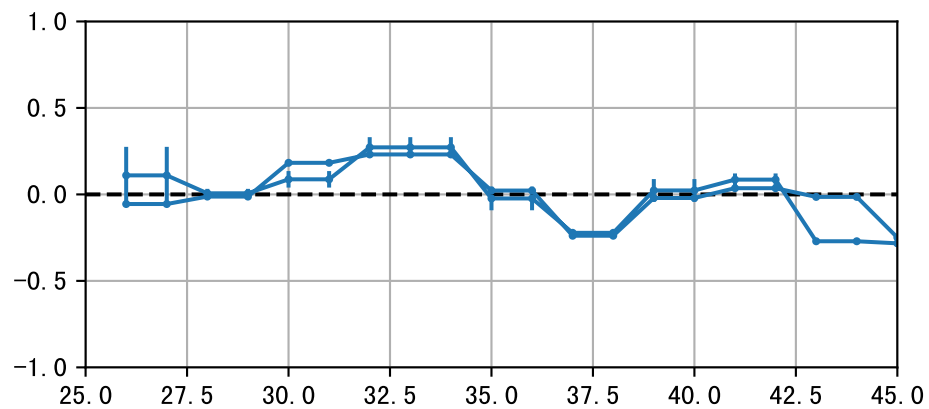
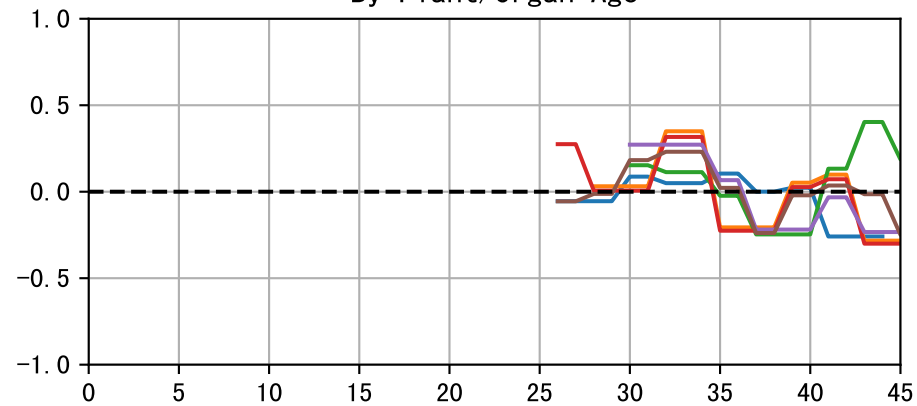
a (Def=0.42 Set=0.49)
avg1=0.51 $\sim$ 4% avg2=0.49 $\sim$ 3%
P6AW LFN



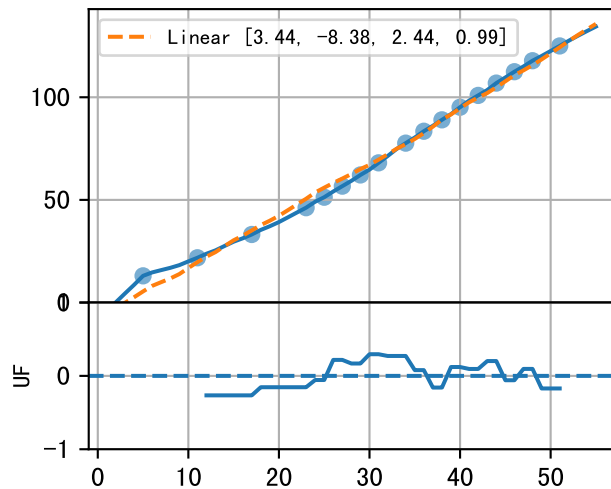
By Start Date



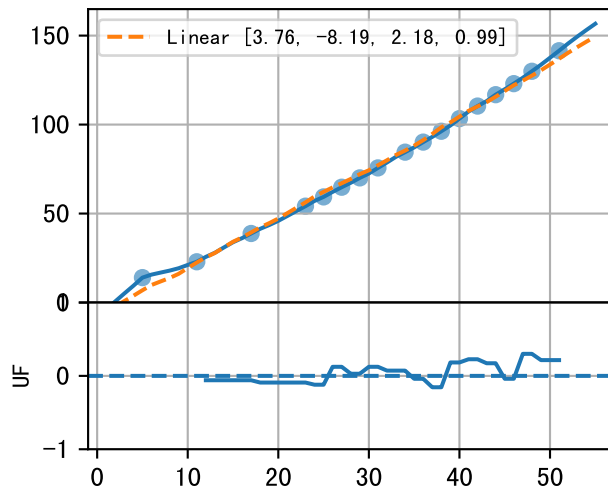
By Plant/Organ Age



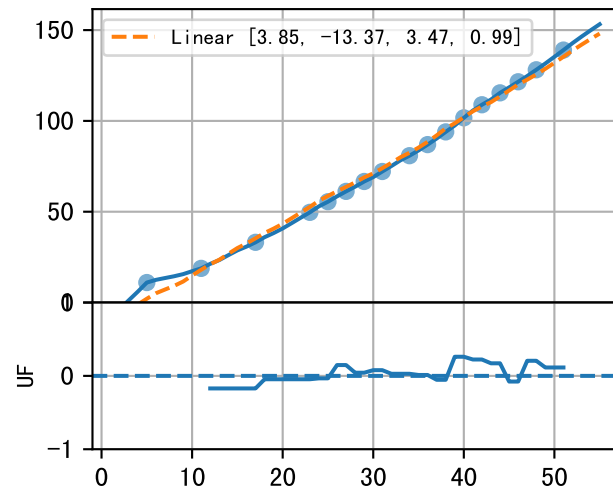
P6AW-058-22



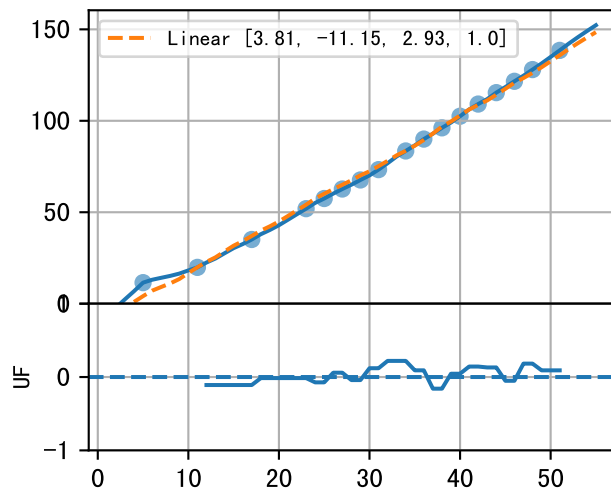
P6AW-074-9



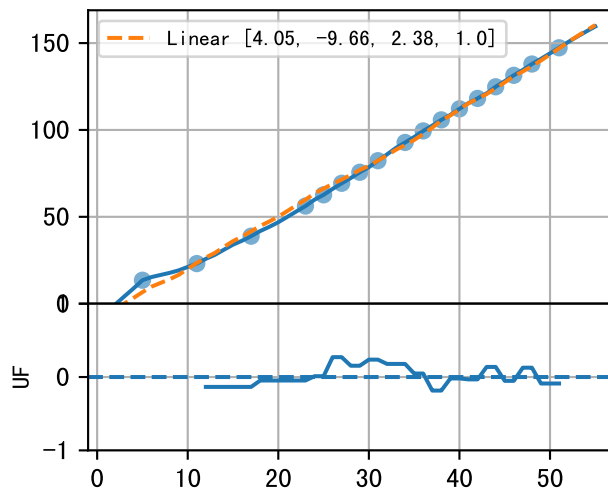
P6AW-087-14



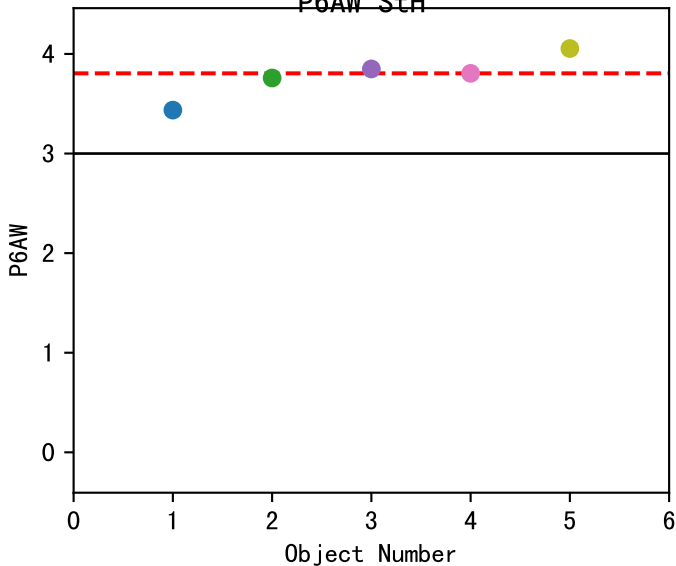
P6AW-095-29



P6AW-106-11

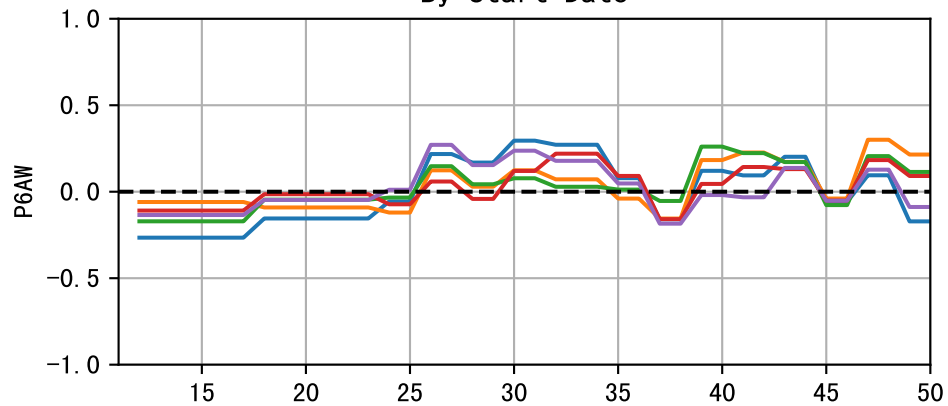


a (Def=3 Set=3.81)
avg1=3.81~1% avg2=na
P6AW StH

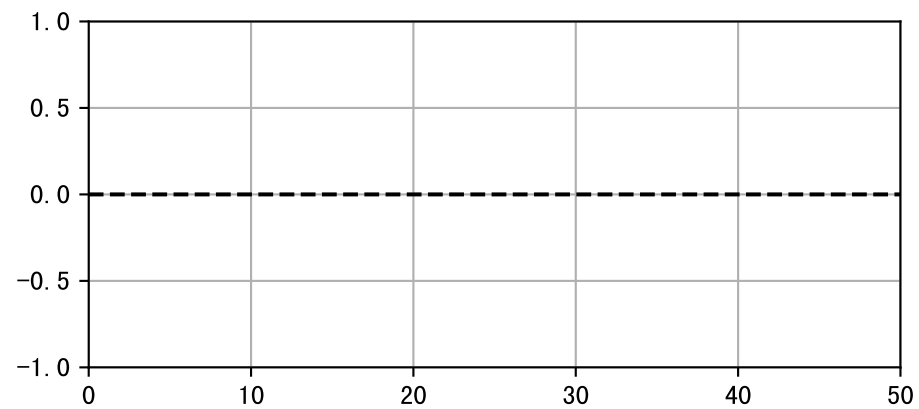
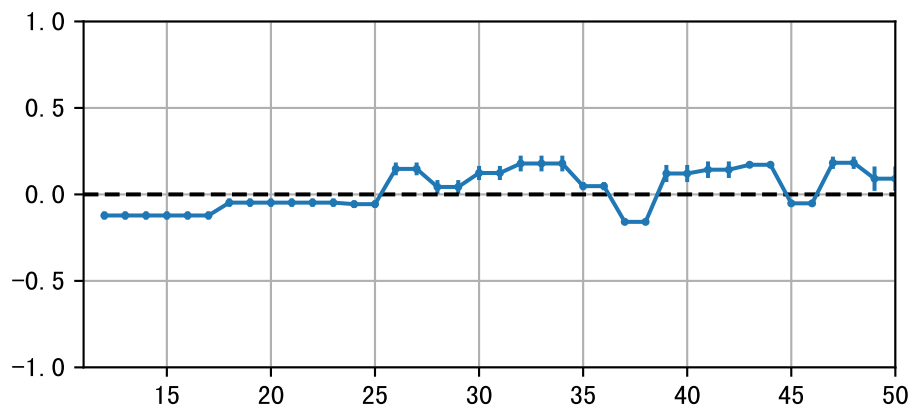
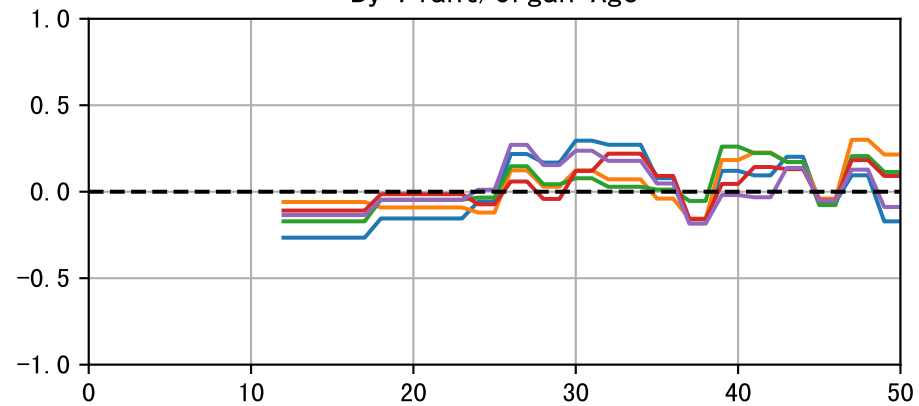


StH

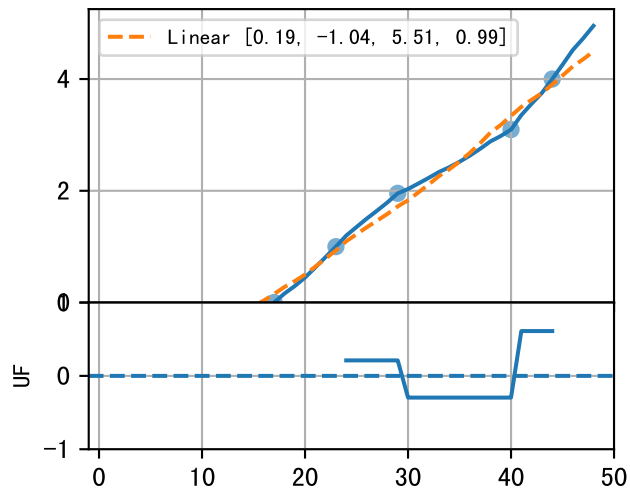
By Start Date



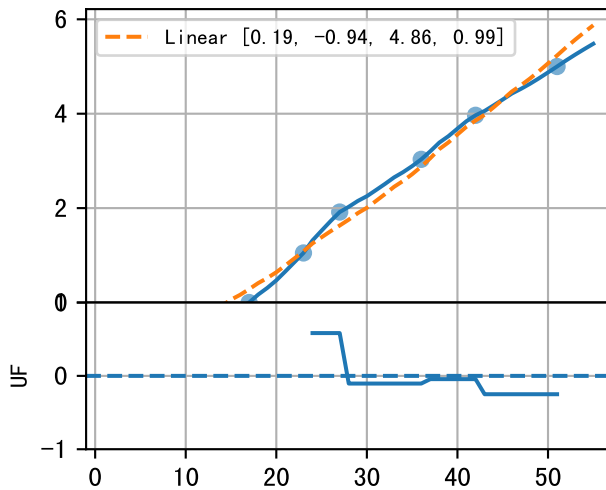
By Plant/Organ Age



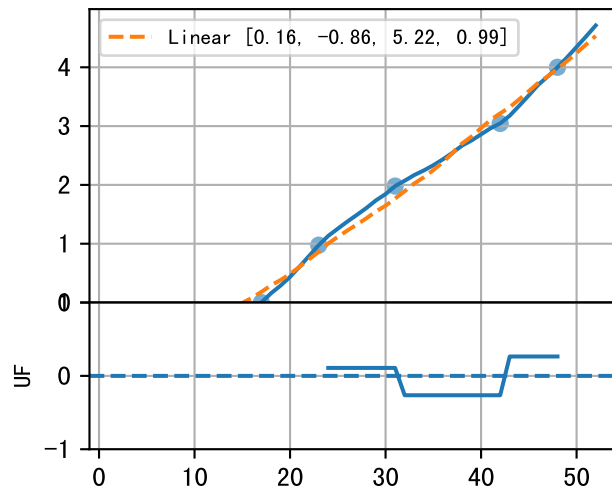
P6AW-058-22



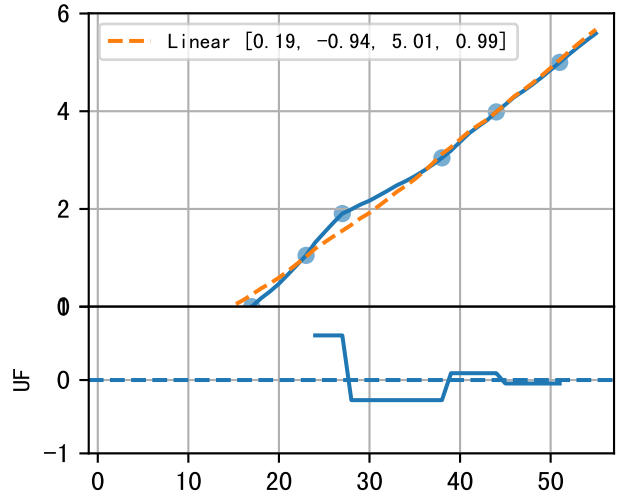
P6AW-074-9



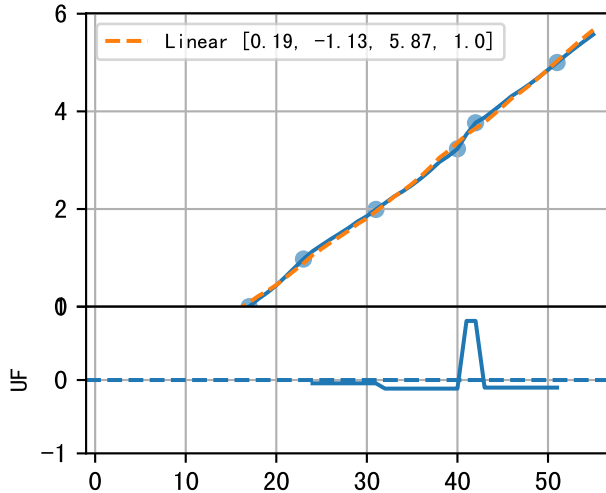
P6AW-087-14



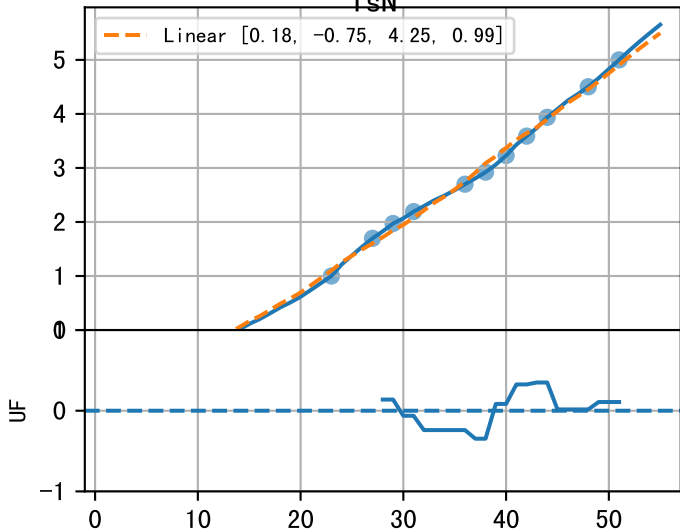
P6AW-095-29



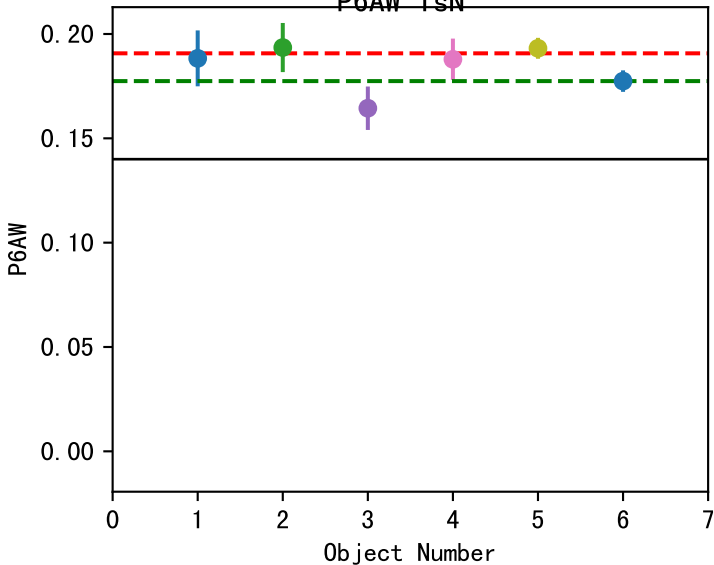
P6AW-106-11



P6AWavg
TSN

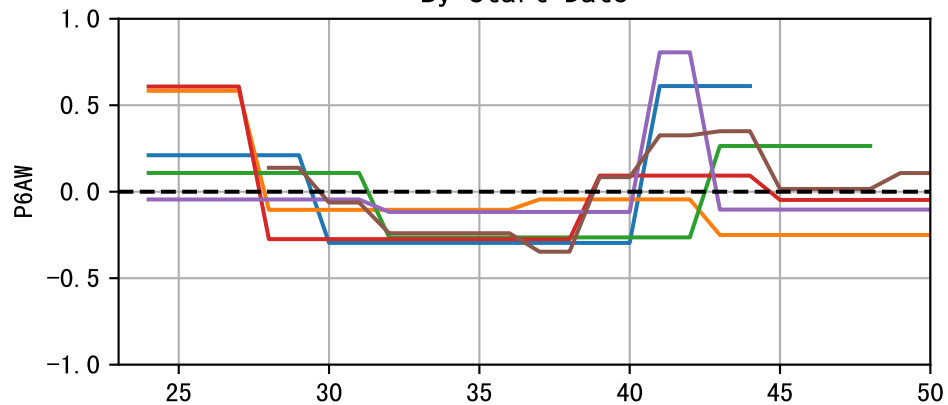


a (Def=0.14 Set=0.18)
avg1=0.19 $\sim$ 2% avg2=0.18 $\sim$ 6%
P6AW TSN

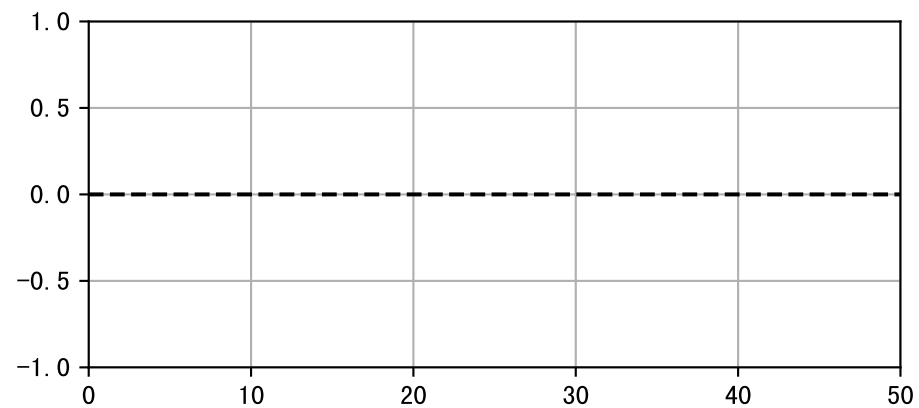
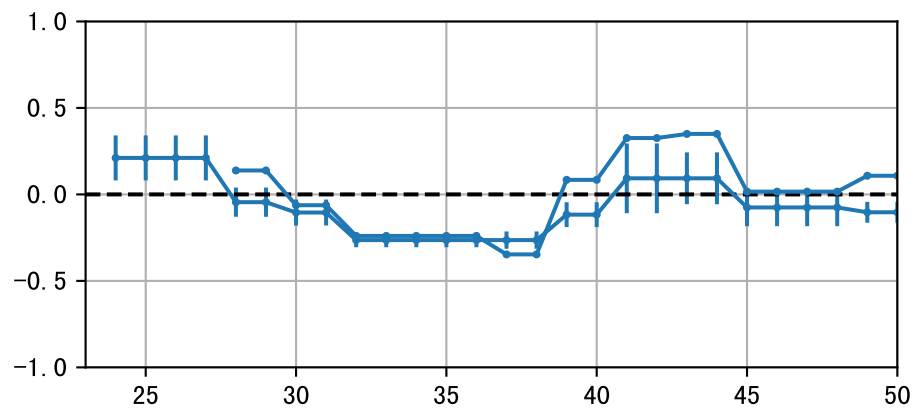
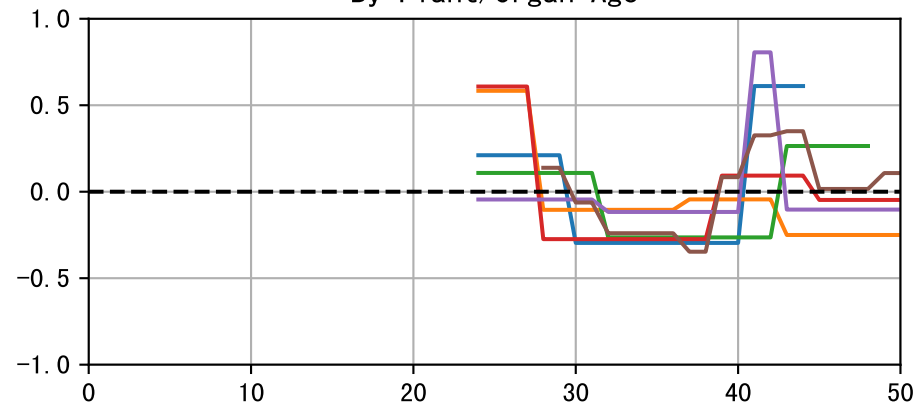


TsN

By Start Date

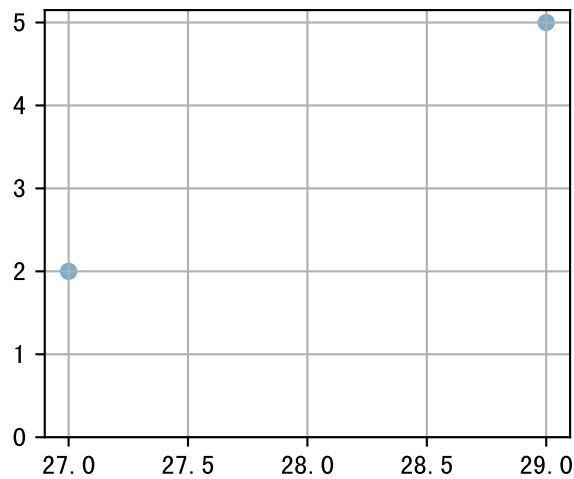


By Plant/Organ Age

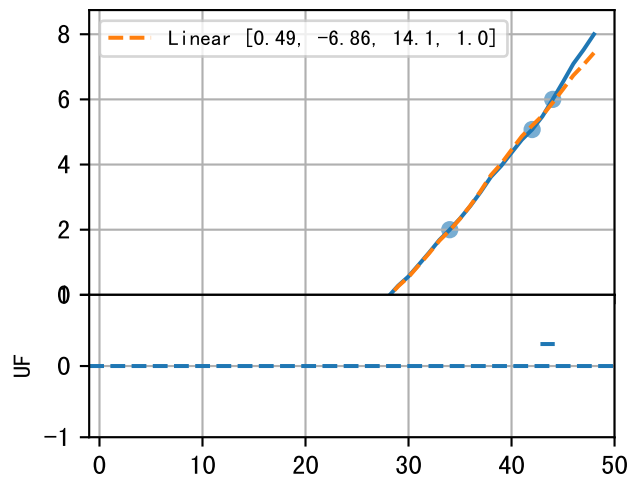


FrN

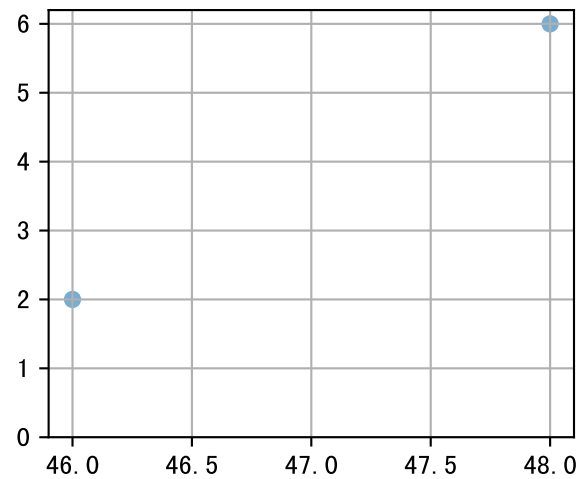
P6AW-058-22T1 (fit failed)



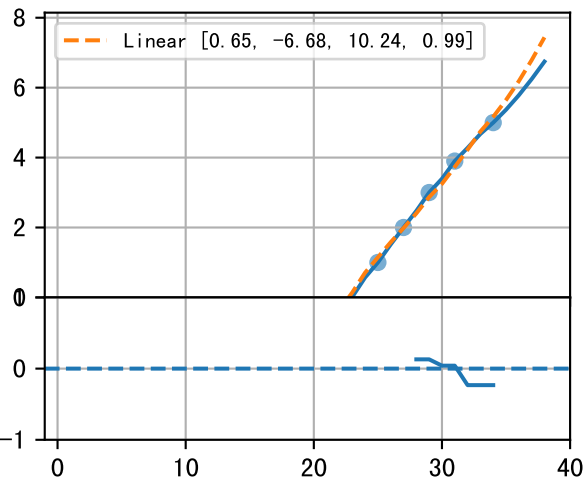
P6AW-058-22T2



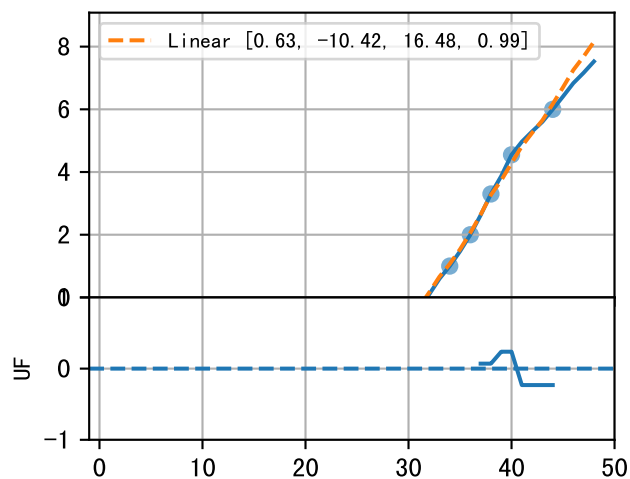
P6AW-058-22T3 (fit failed)



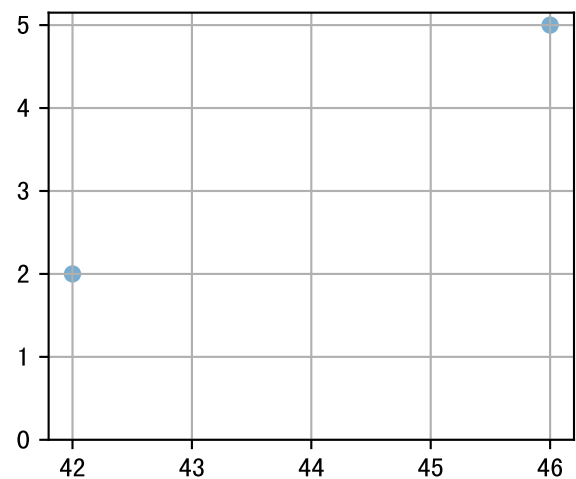
P6AW-074-9T1



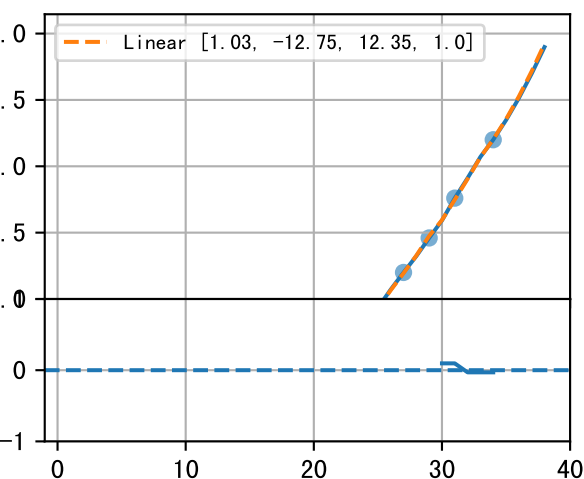
P6AW-074-9T2



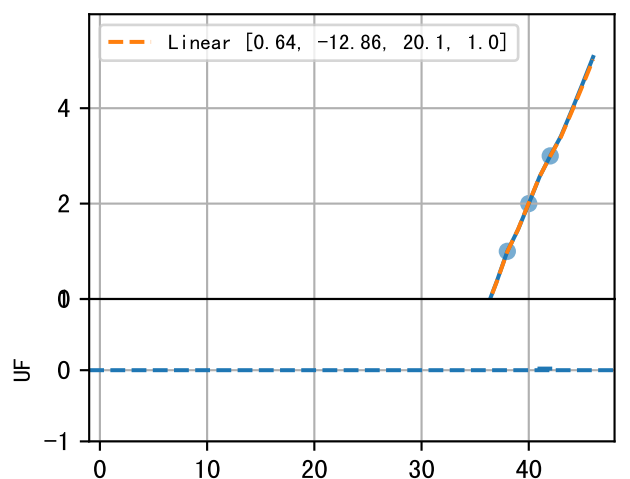
P6AW-074-9T3 (fit failed)



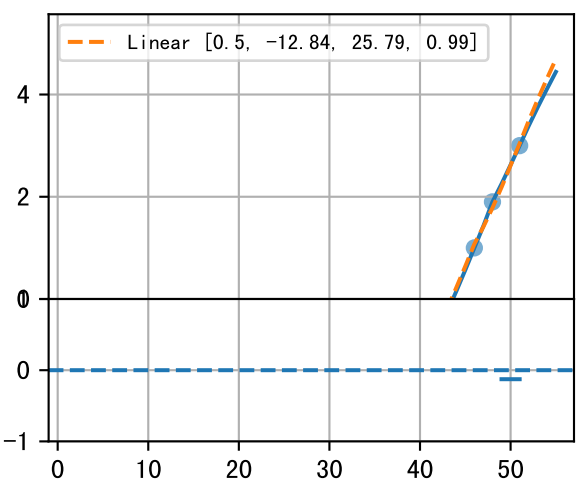
P6AW-087-14T1



P6AW-087-14T2

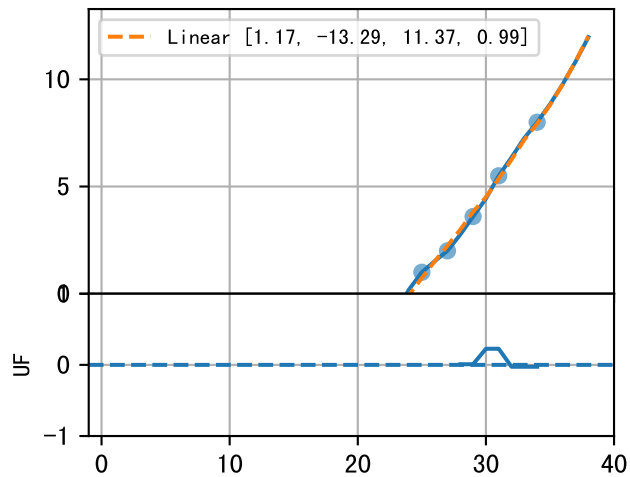


P6AW-087-14T3

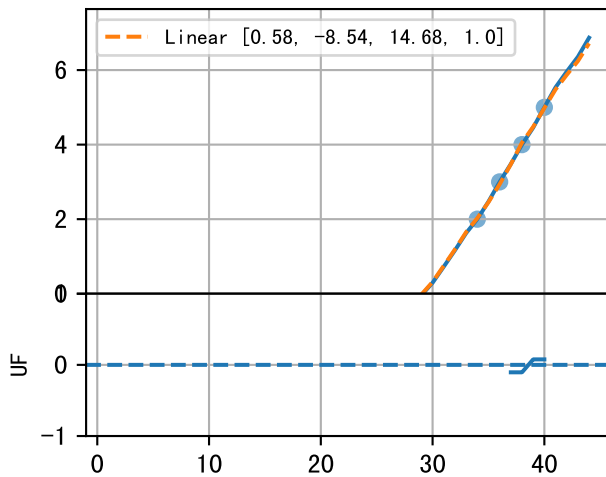


ErN

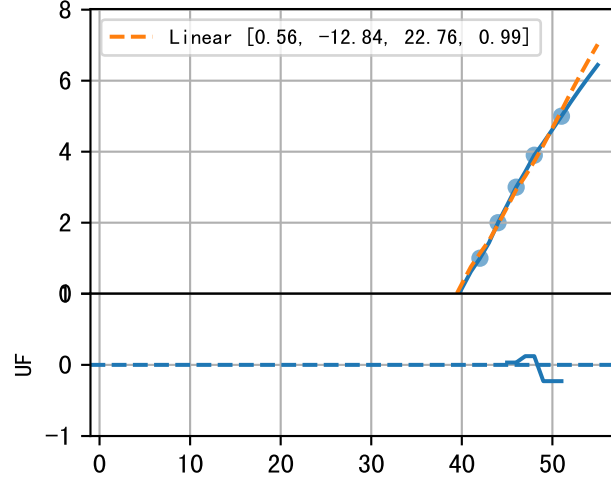
P6AW-095-29T1



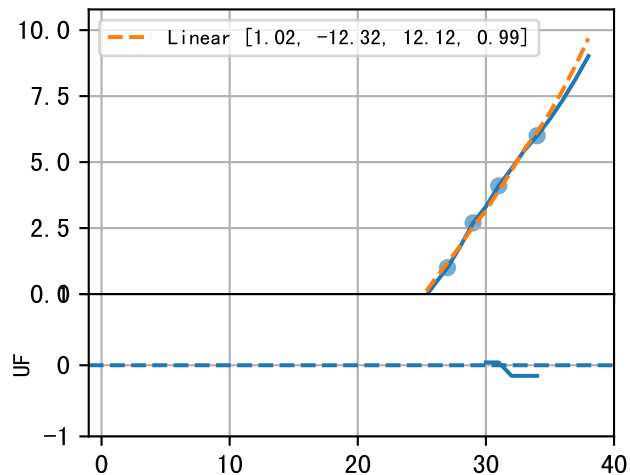
P6AW-095-29T2



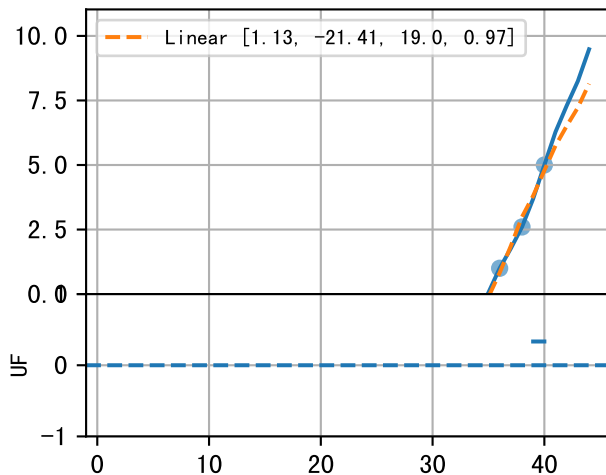
P6AW-095-29T3



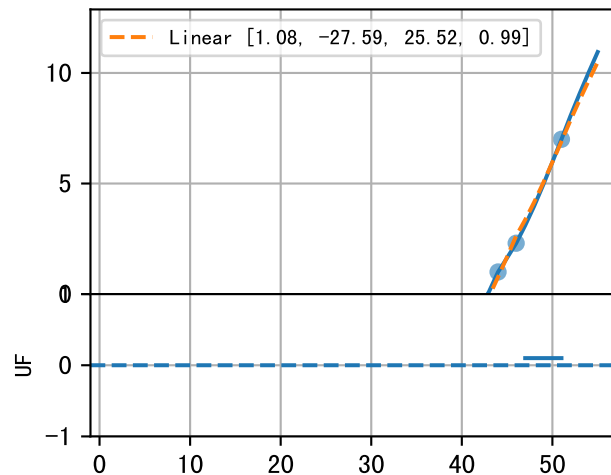
P6AW-106-11T1



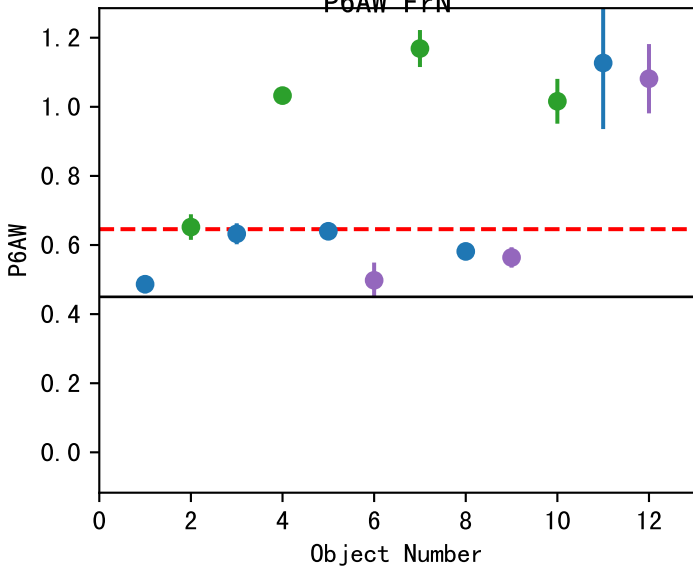
P6AW-106-11T2



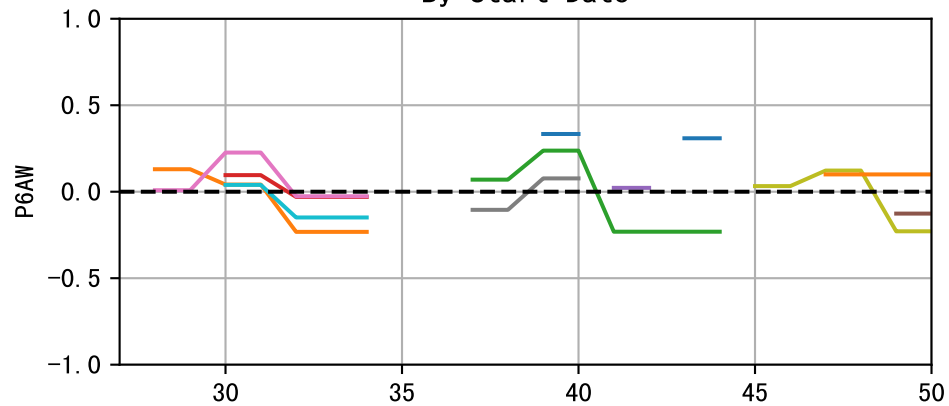
P6AW-106-11T3



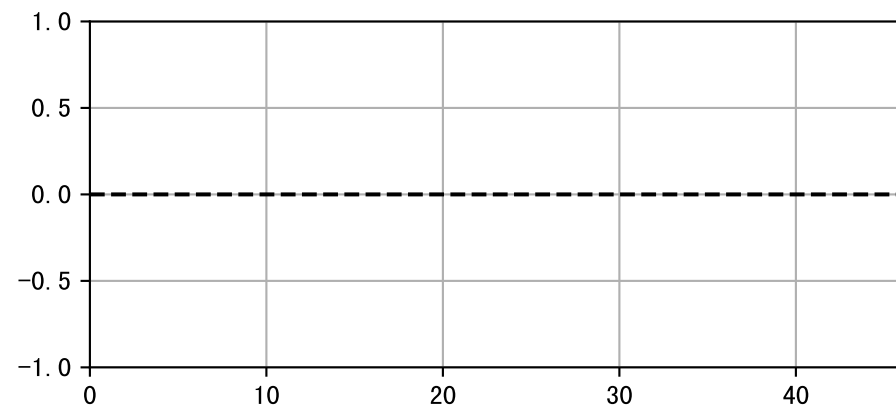
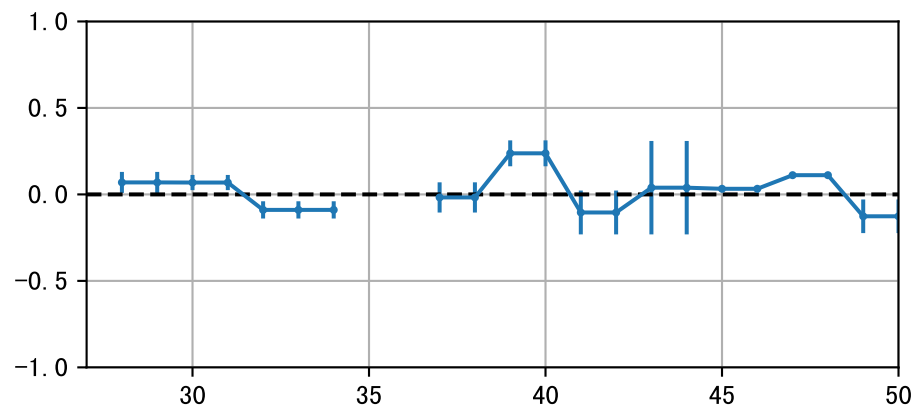
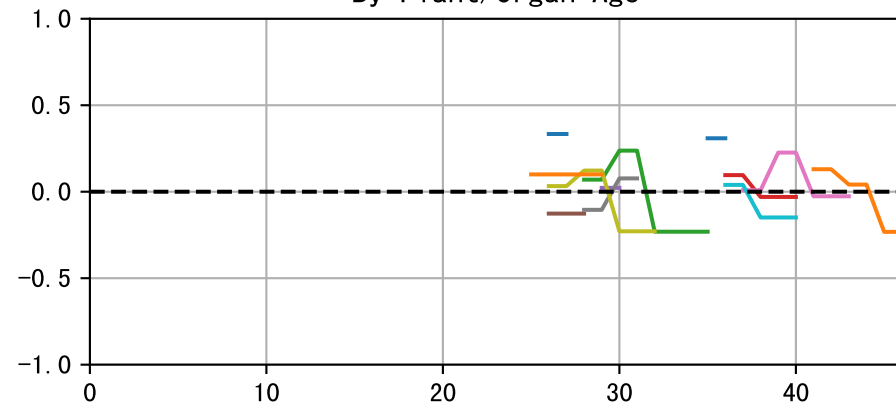
a (Def=0.45 Set=0.65)
avg1=0.65~41% avg2=na



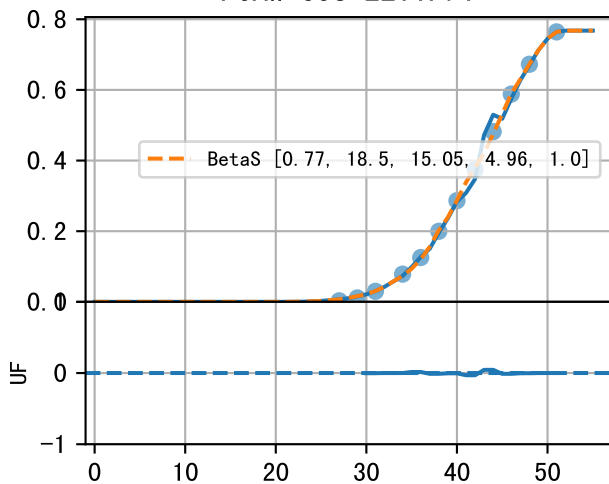
By Start Date



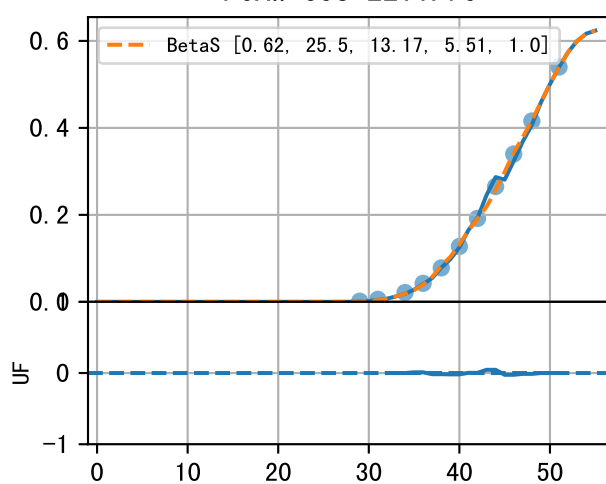
By Plant/Organ Age



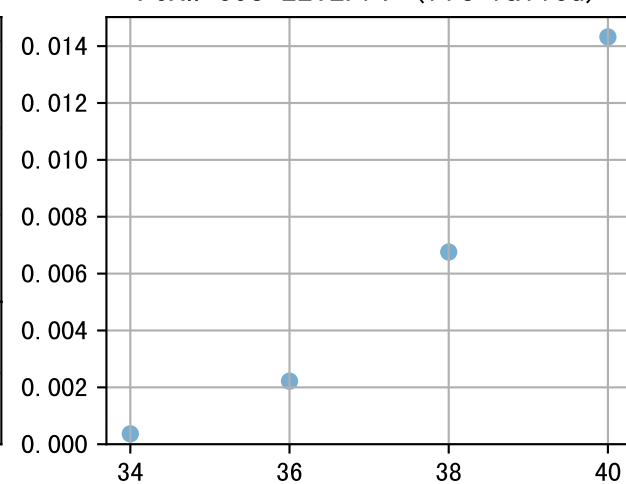
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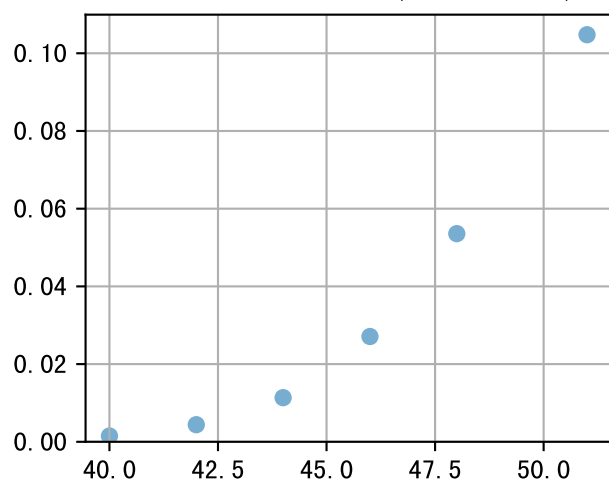
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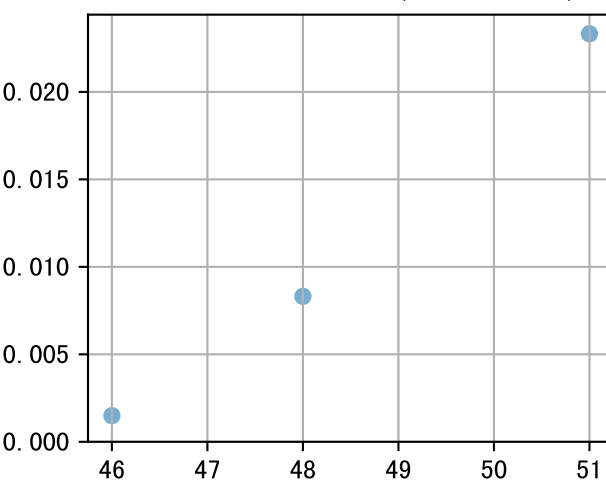
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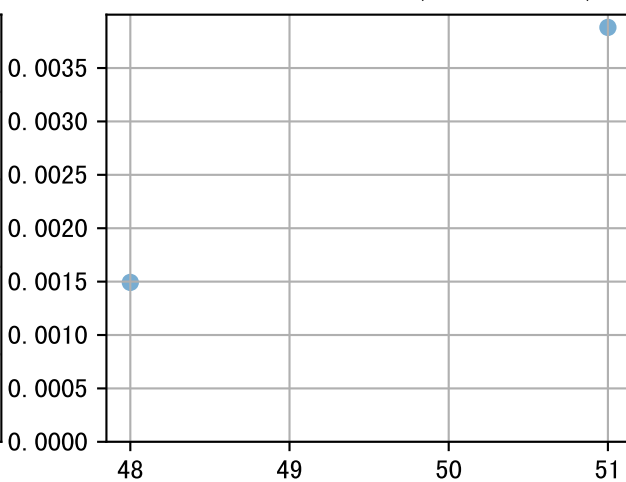
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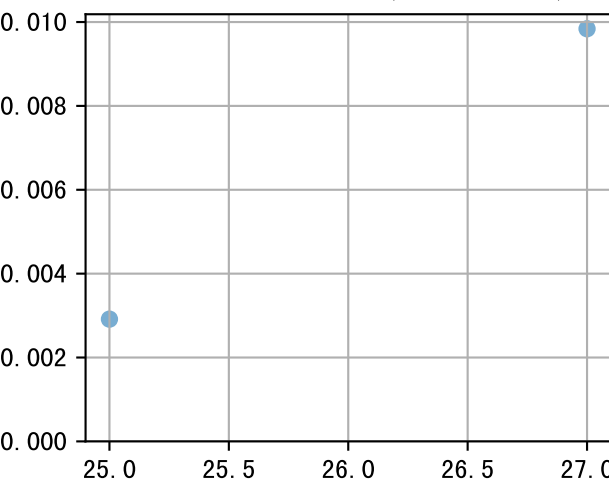
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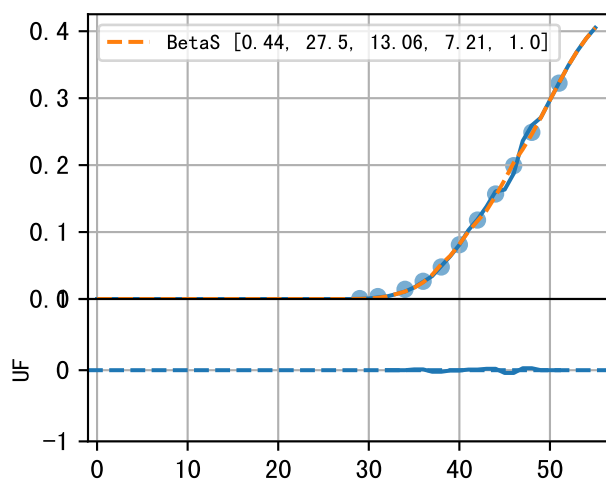
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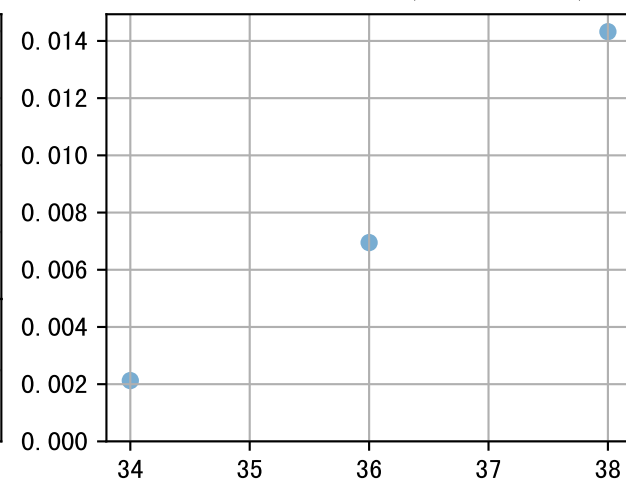
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P6AW-074-9T1Fr5

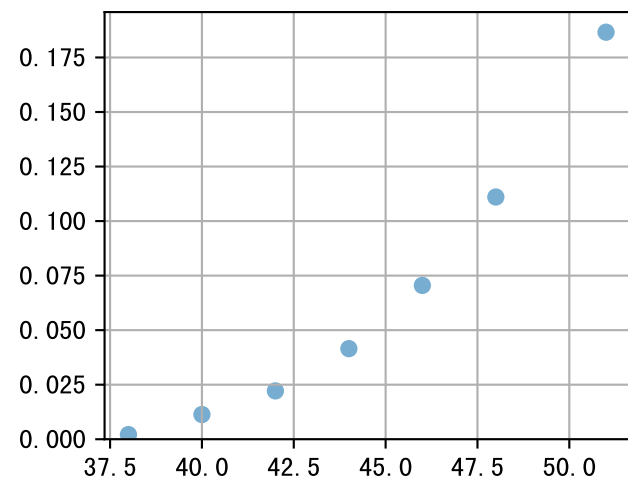


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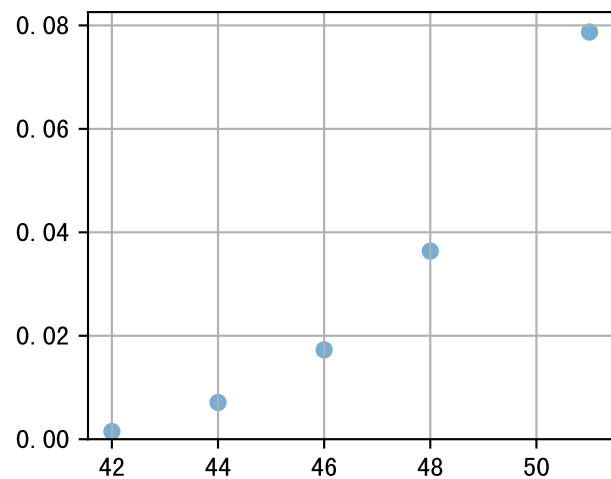


FrV

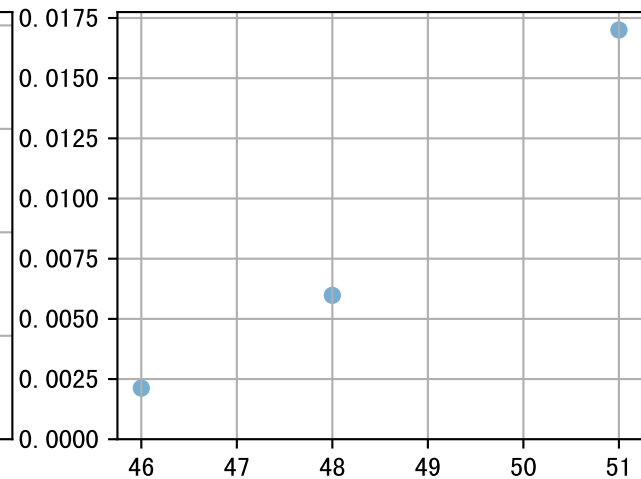
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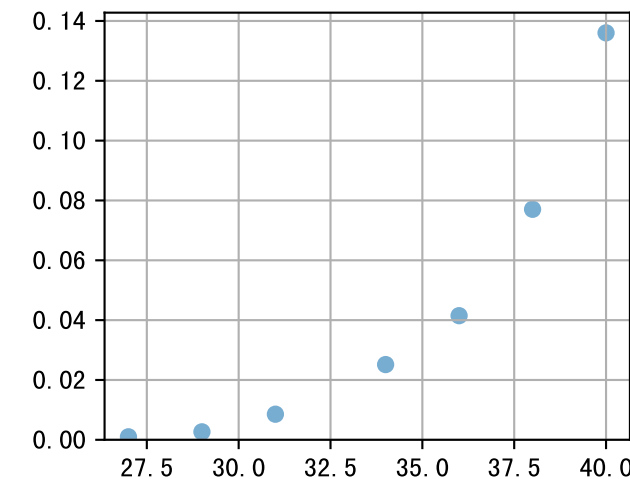
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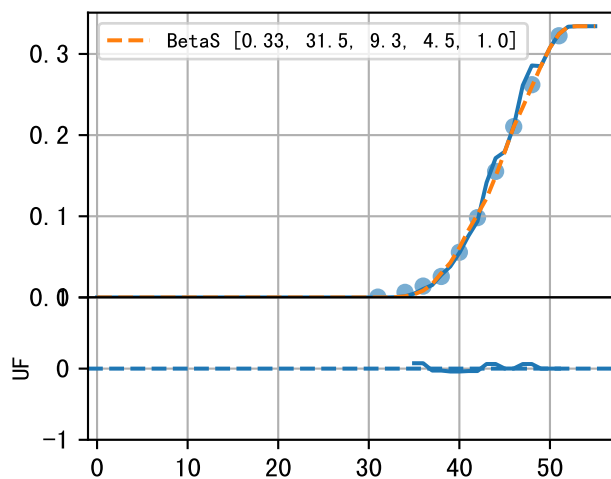
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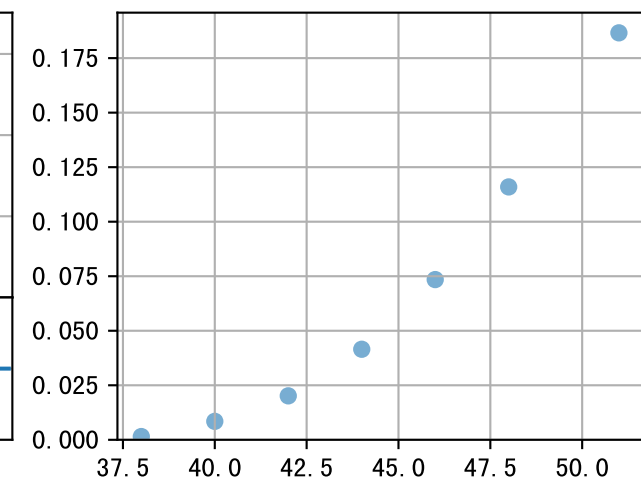
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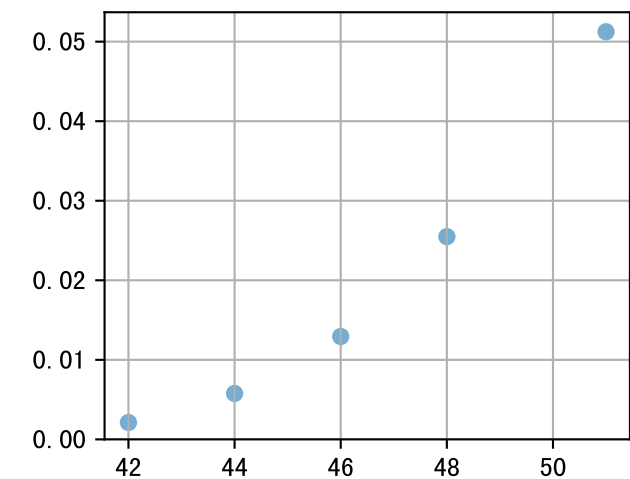
P6AW-087-14T1Fr5



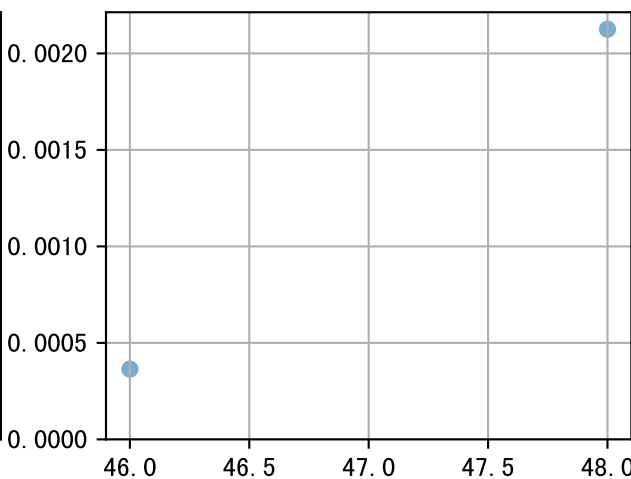
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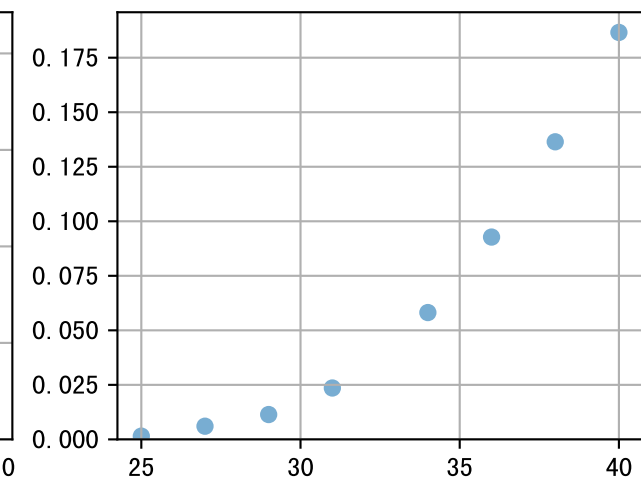
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P6AW-087-14T3Fr1 (fit failed)

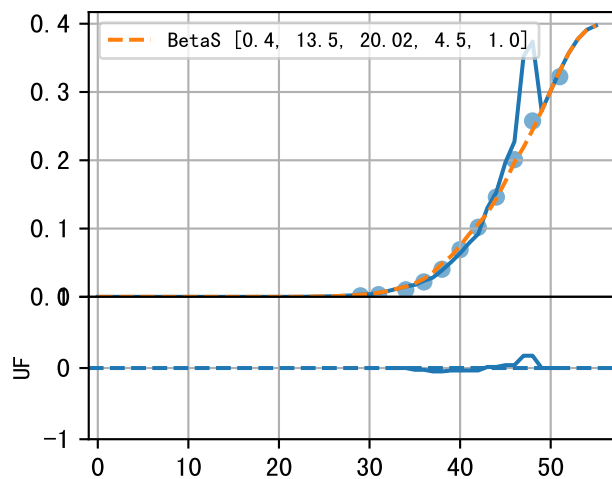


P6AW-095-29T1Fr1 (fit failed)

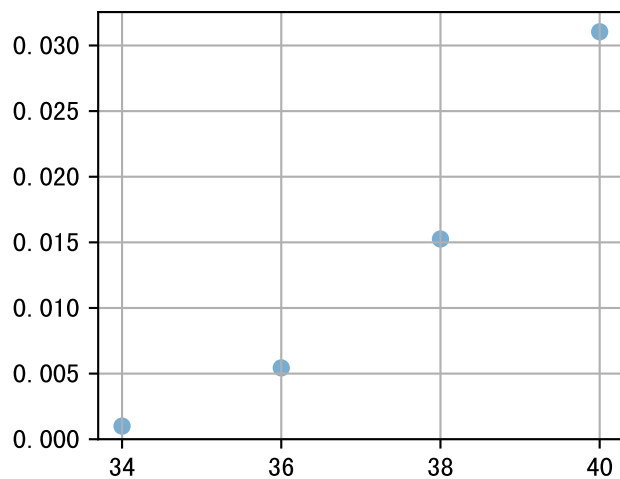


FrV

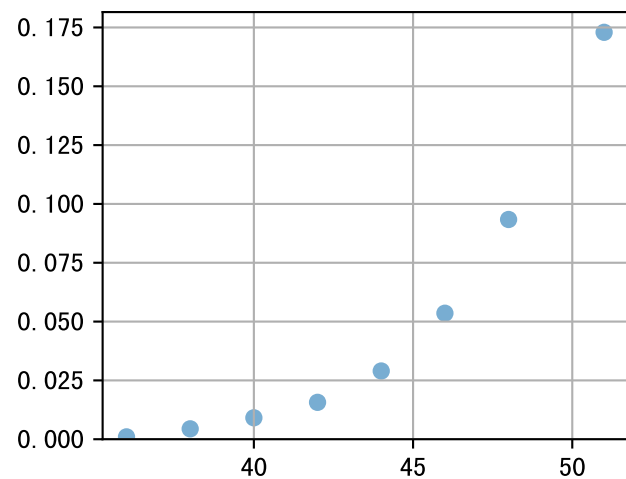
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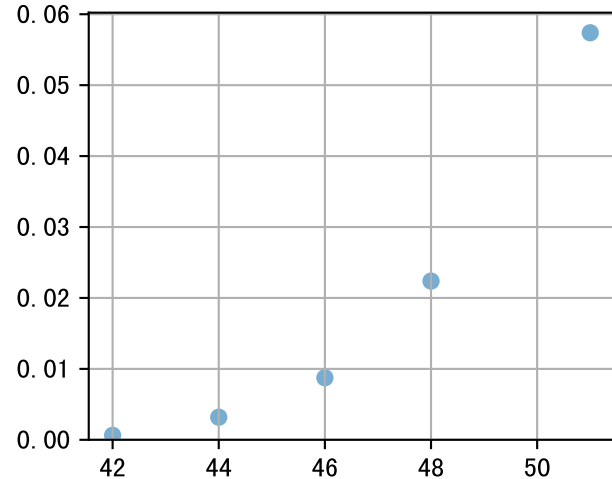
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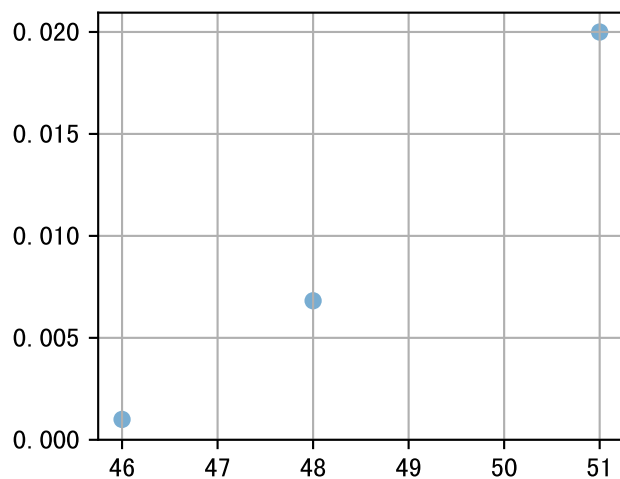
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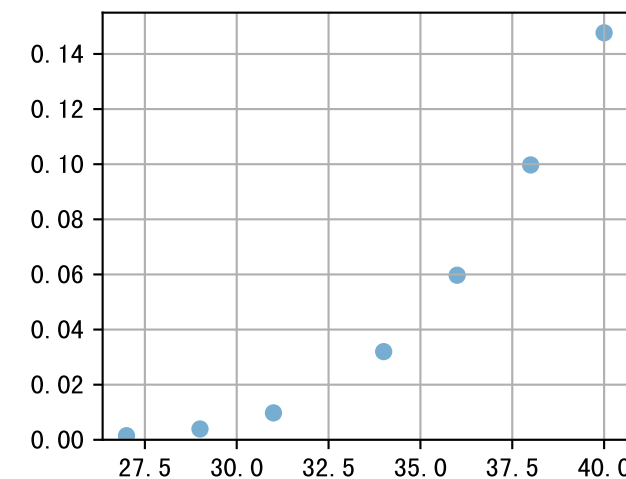
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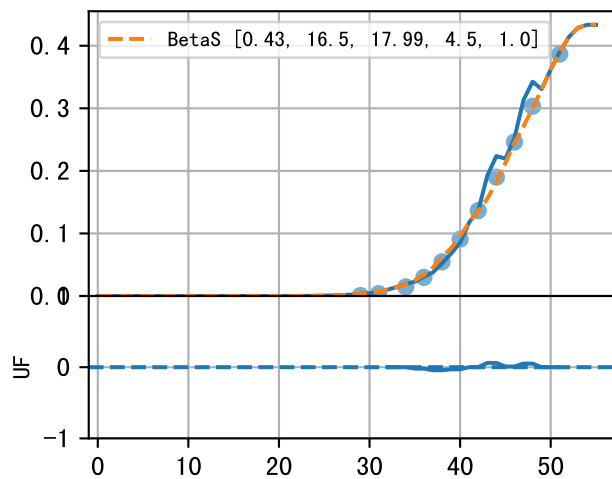
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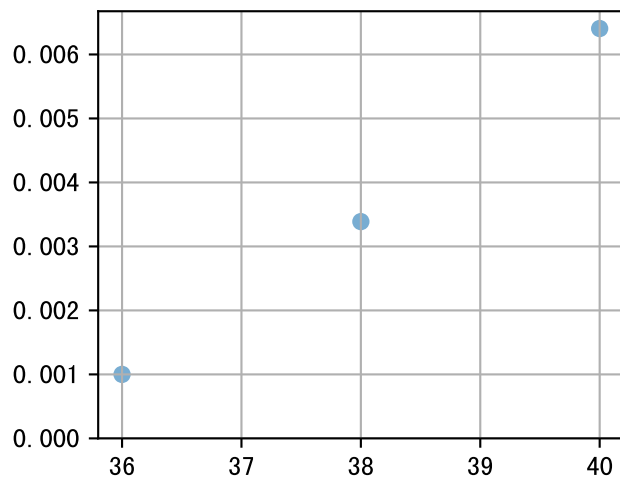
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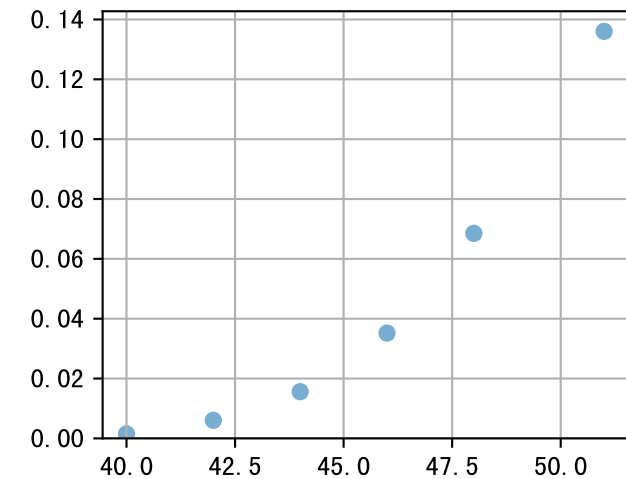
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P6AW-106-11T2Fr1 (fit failed)

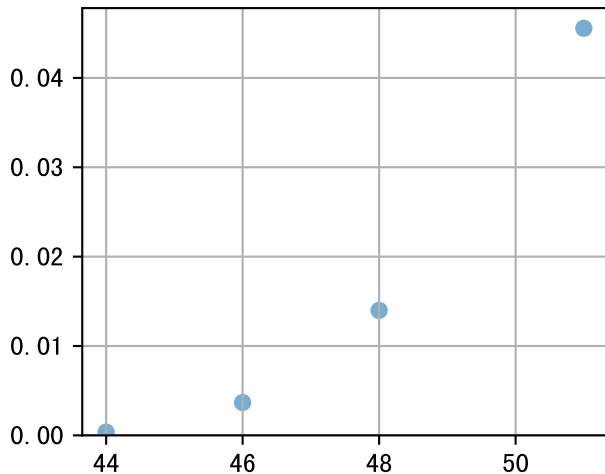


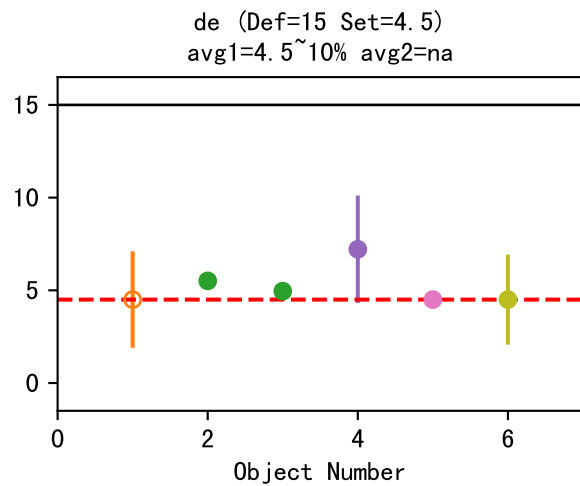
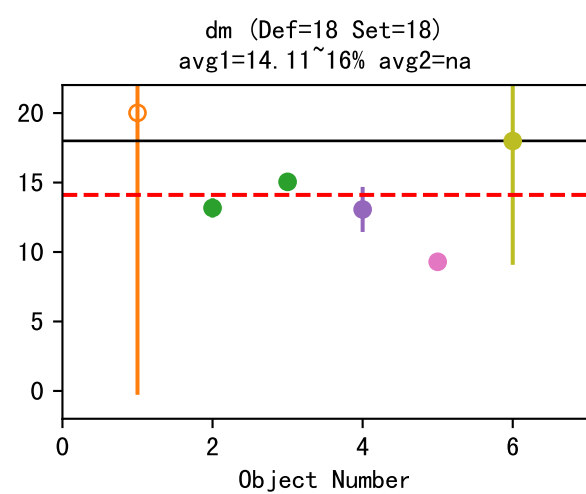
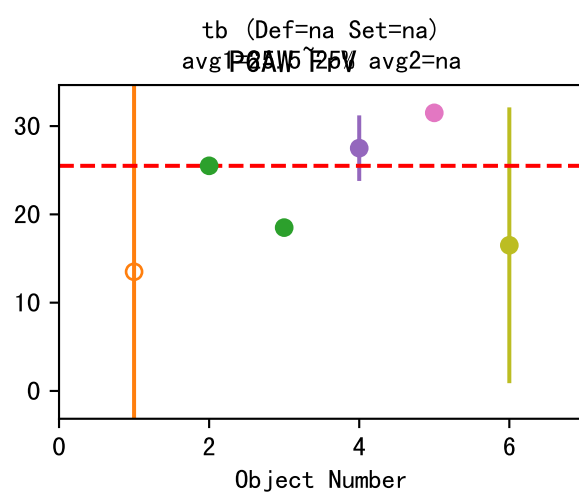
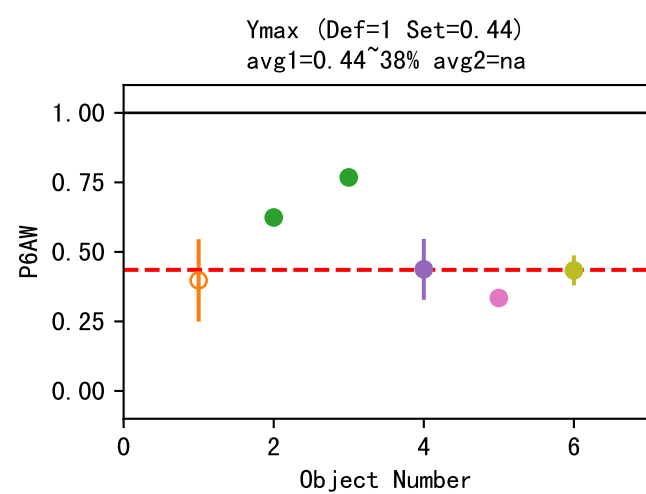
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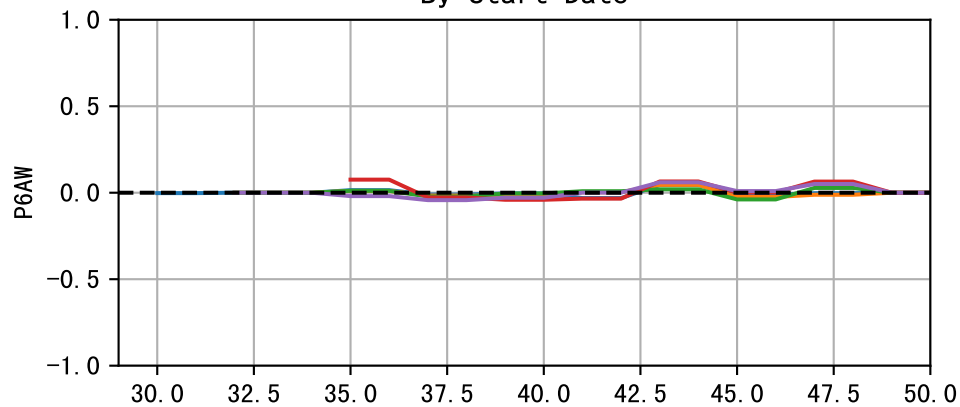
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FrV

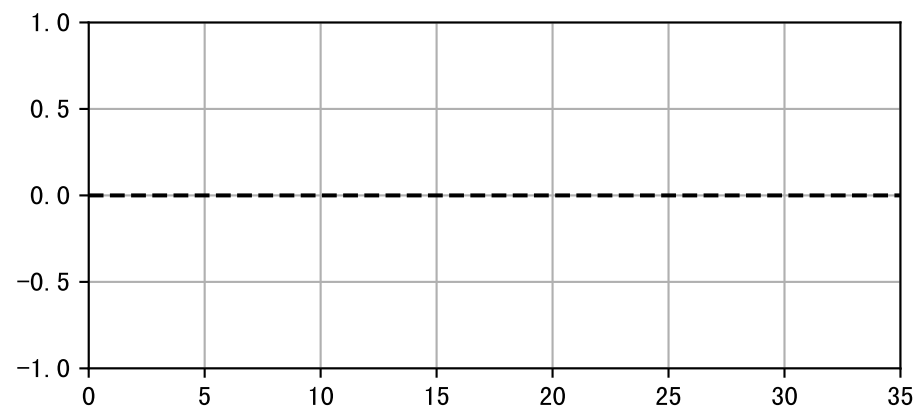
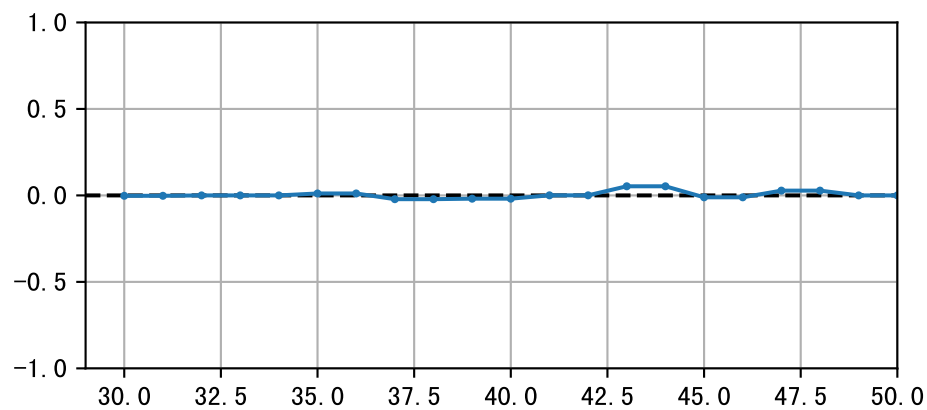
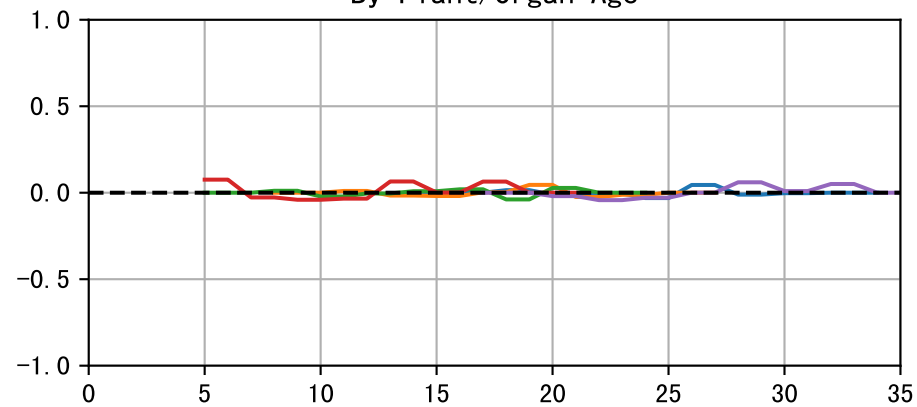




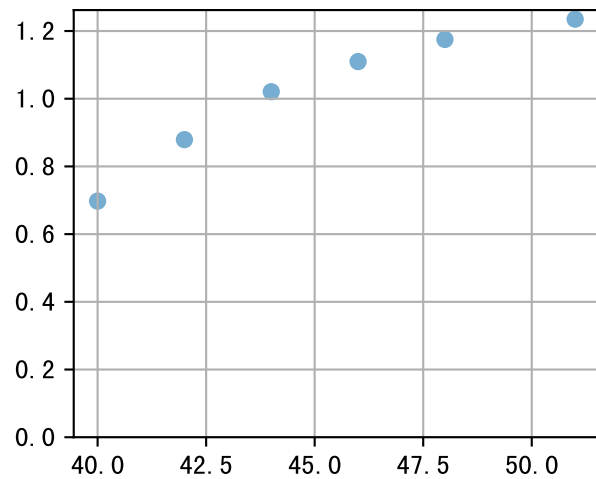
By Start Date



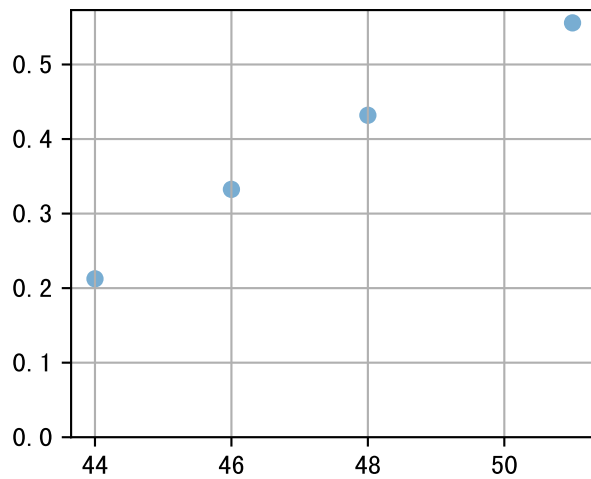
By Plant/Organ Age



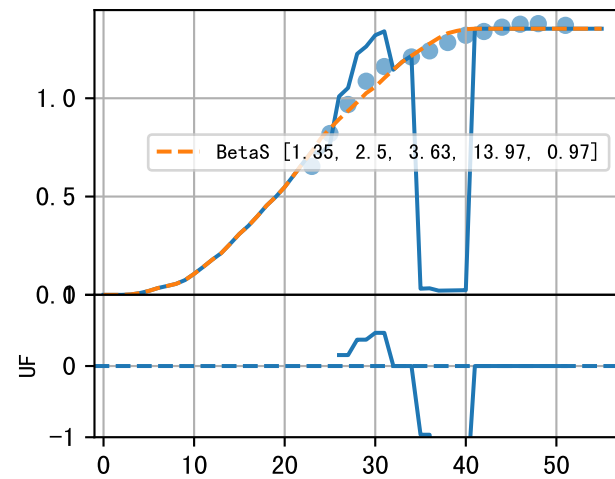
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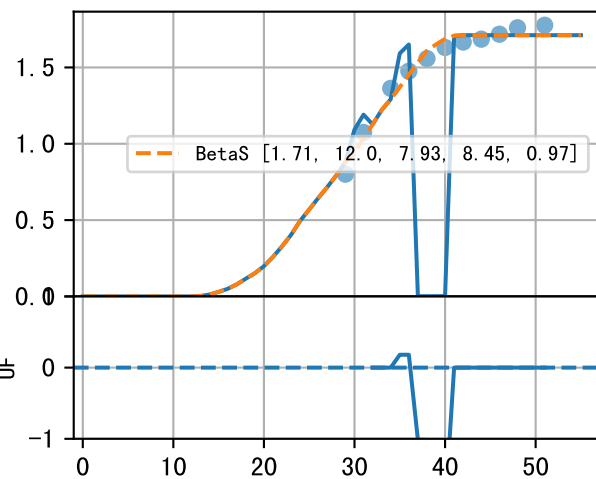
P6AW-058-22L15 (fit failed)



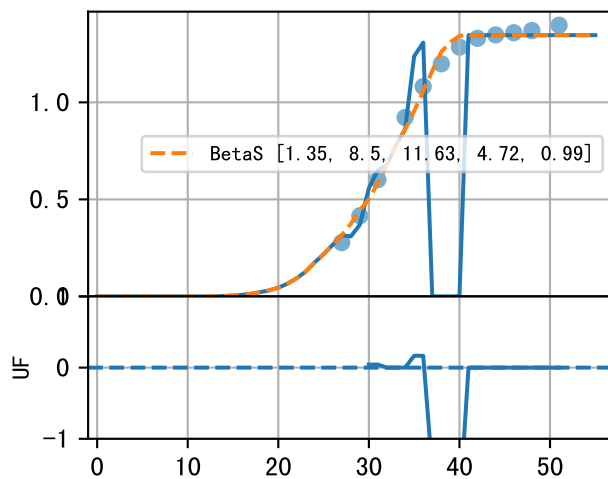
P6AW-058-22L6 (fit failed)



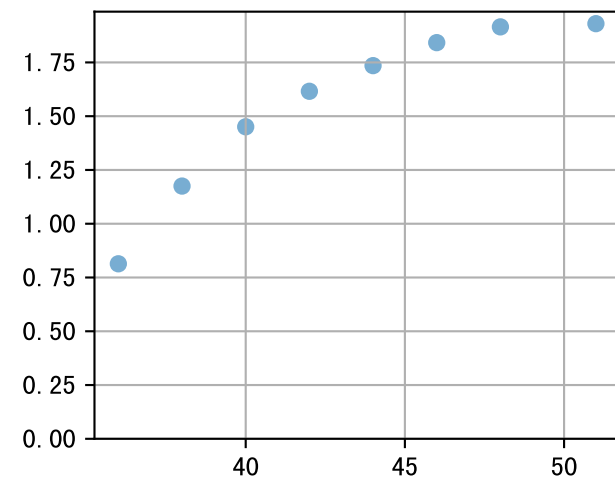
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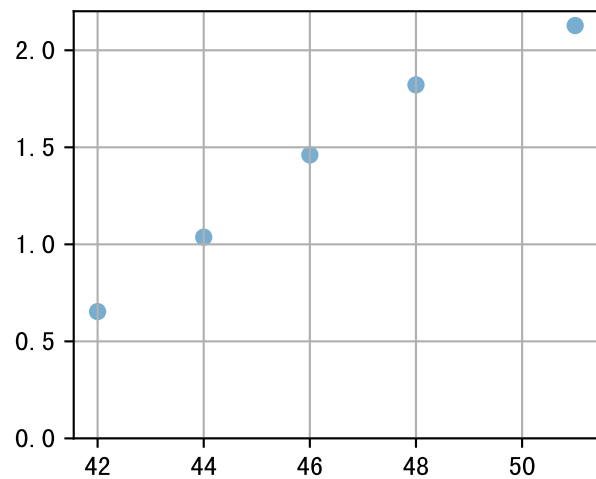
P6AW-074-9L10



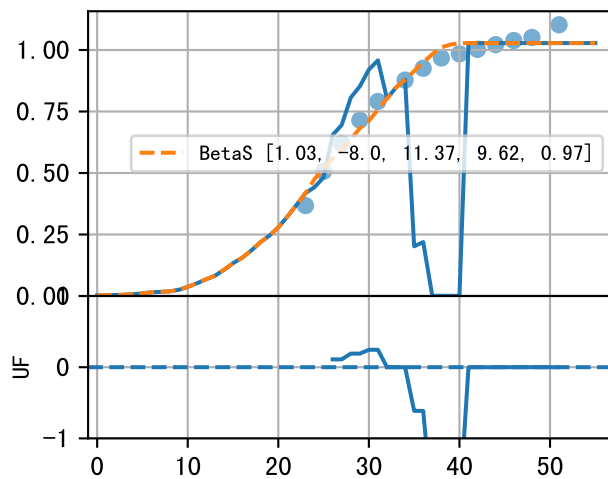
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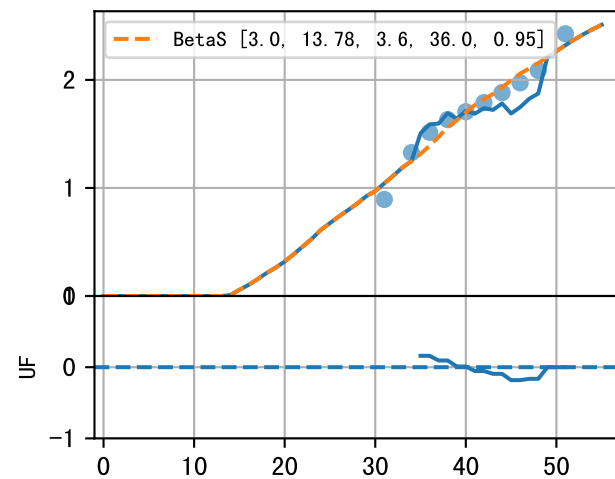
P6AW-074-9L16 (fit failed)



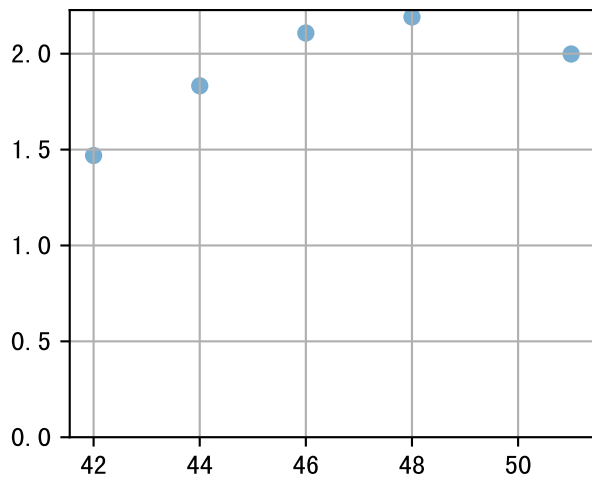
P6AW-074-9L7 (fit failed)



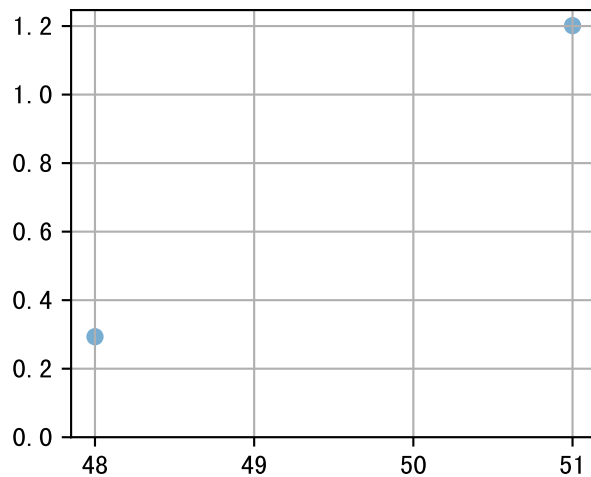
P6AW-087-14L10 (fit failed)



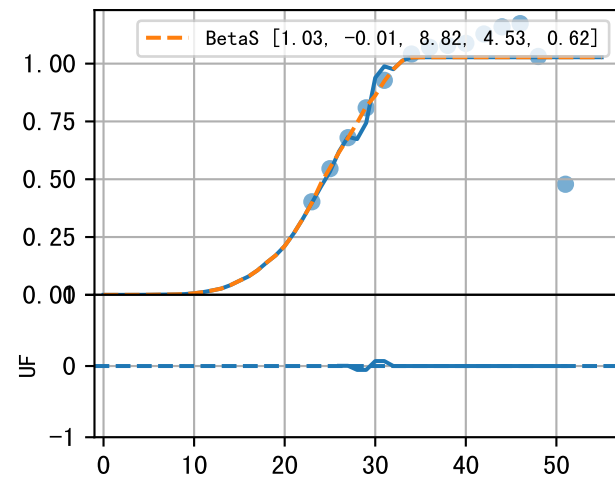
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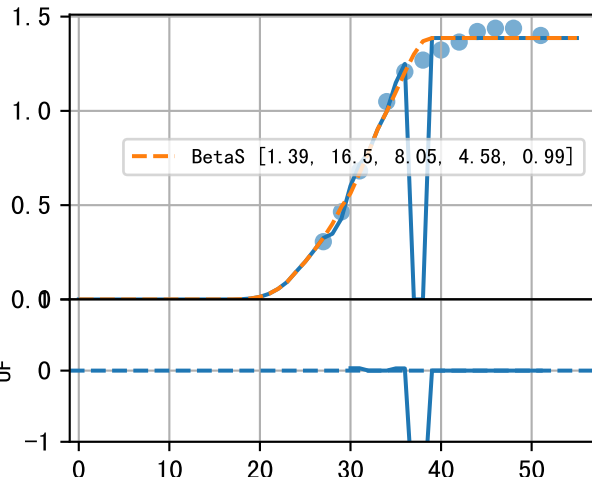
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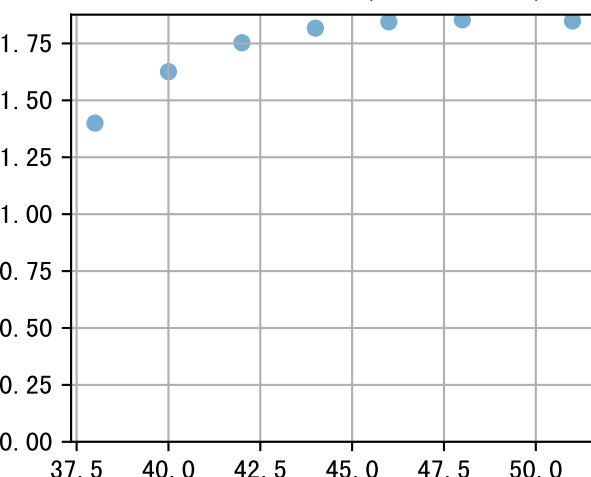
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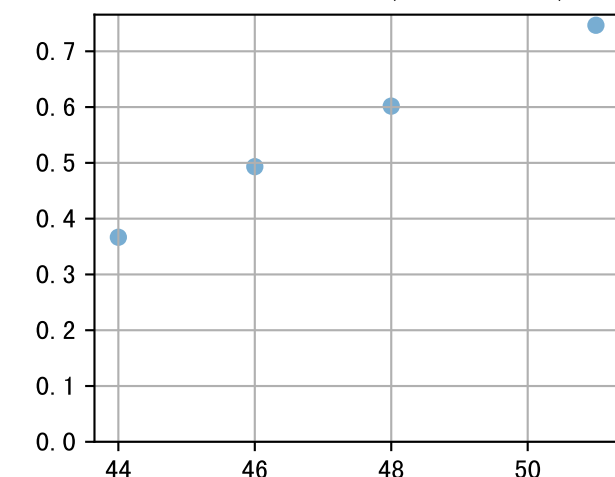
P6AW-095-29L10



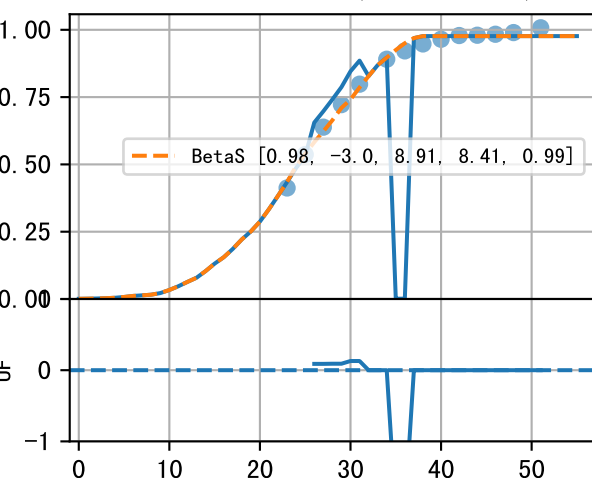
P6AW-095-29L13 (fit failed)



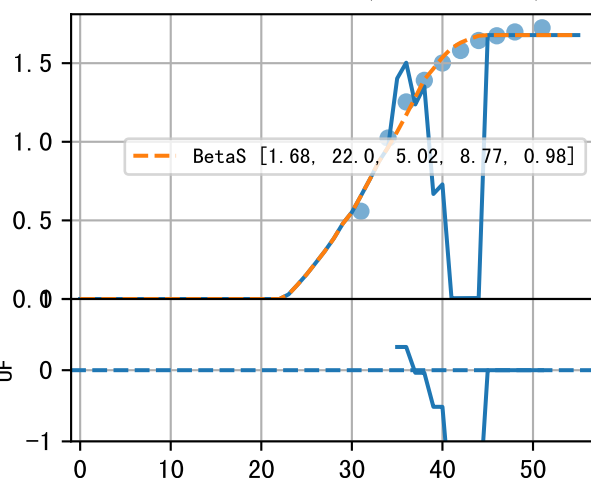
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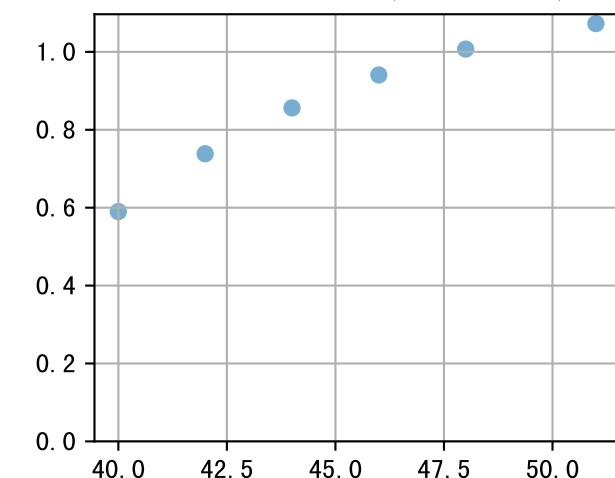
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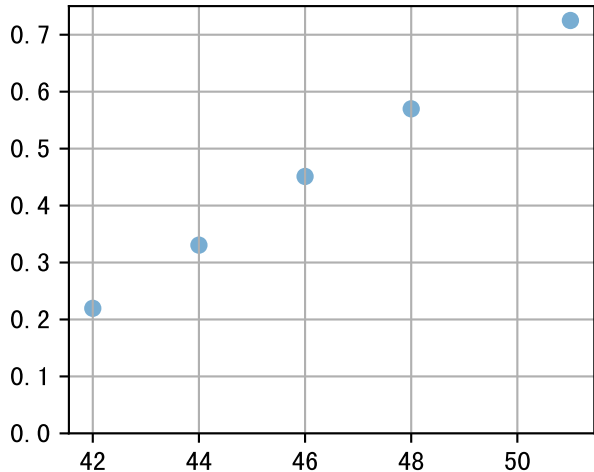
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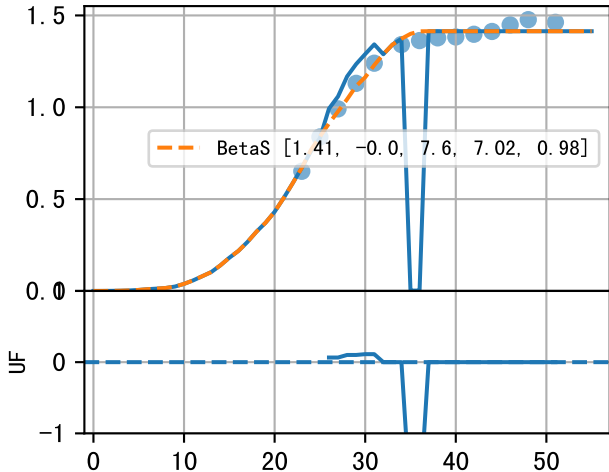
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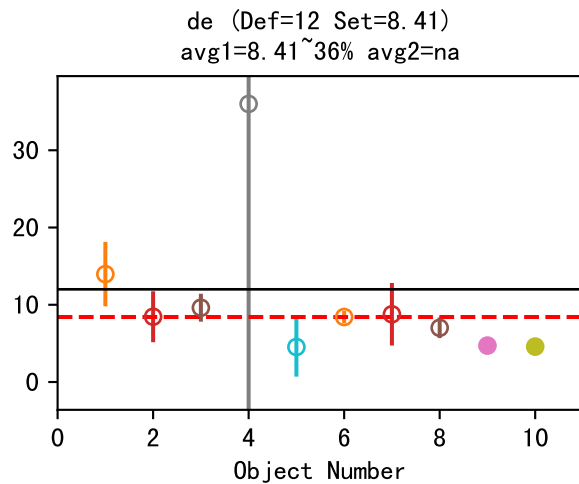
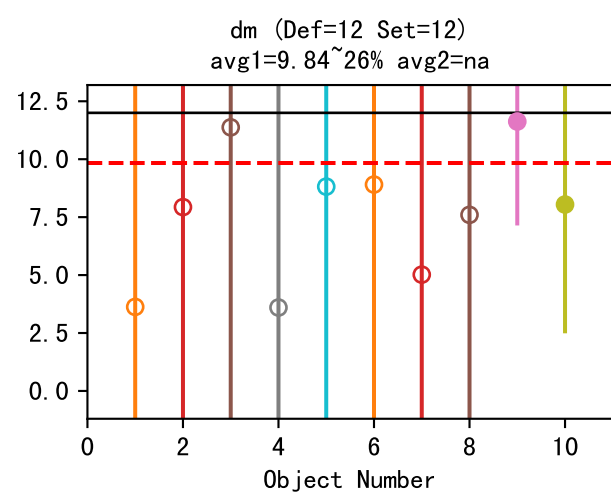
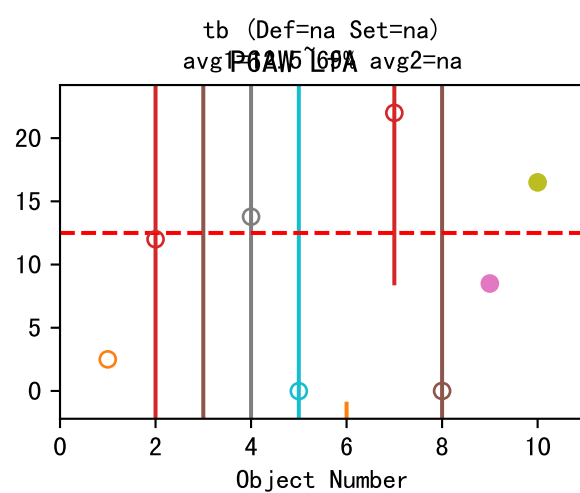
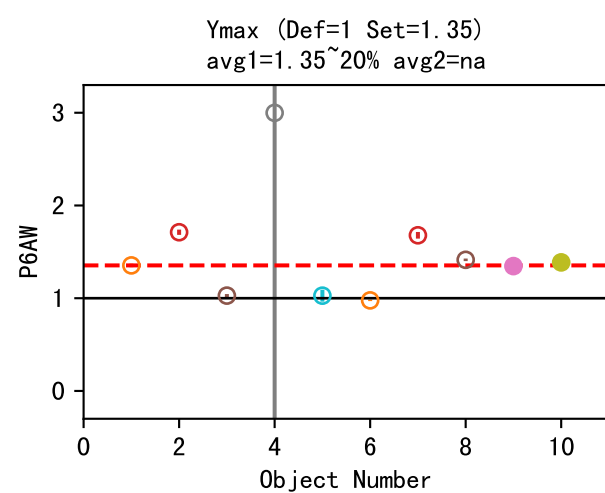


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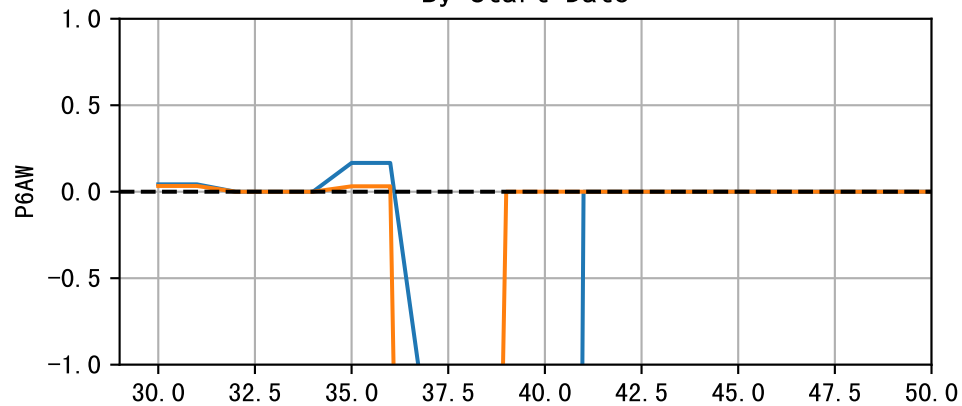


P6AW-106-11L17 (fit failed)

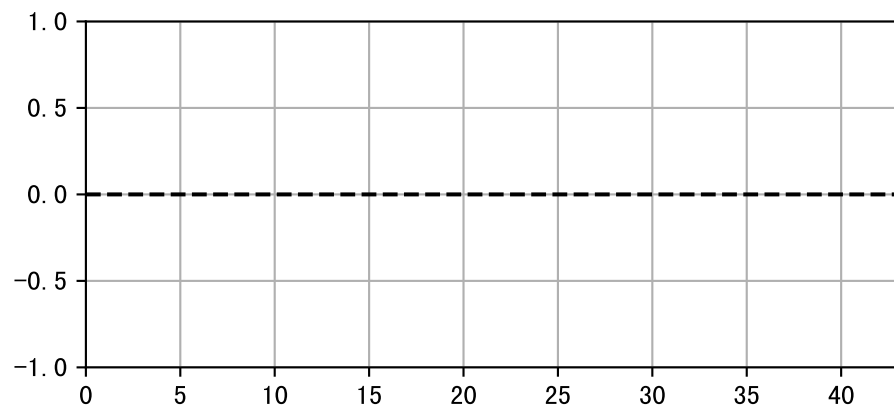
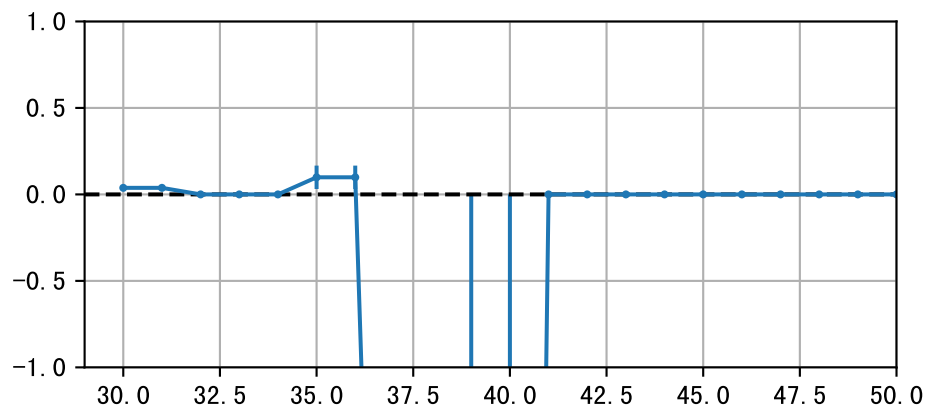
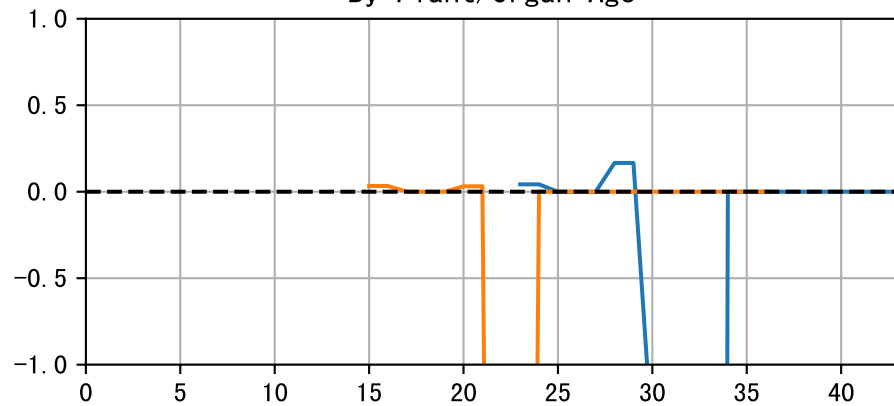


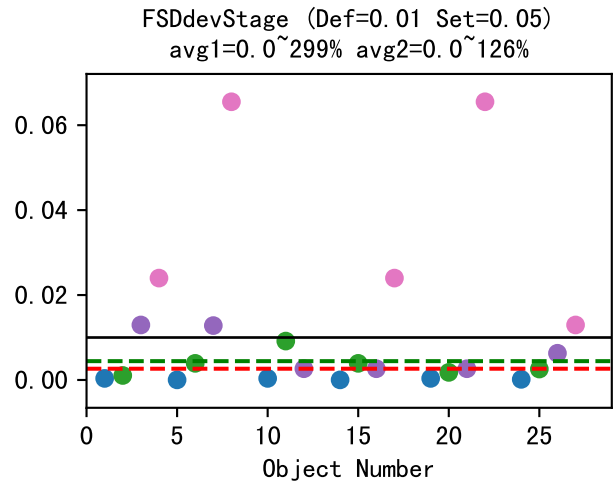
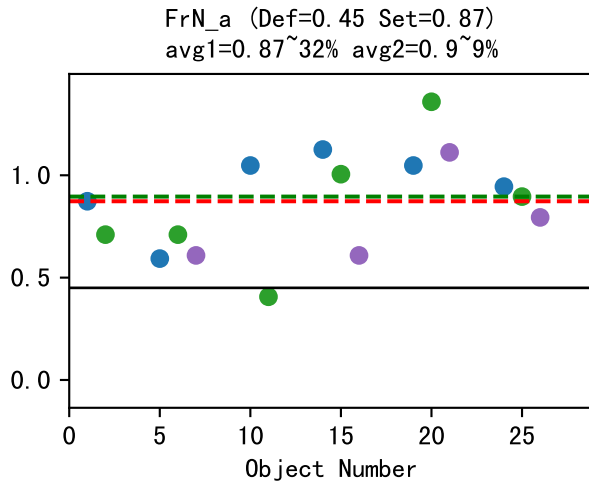
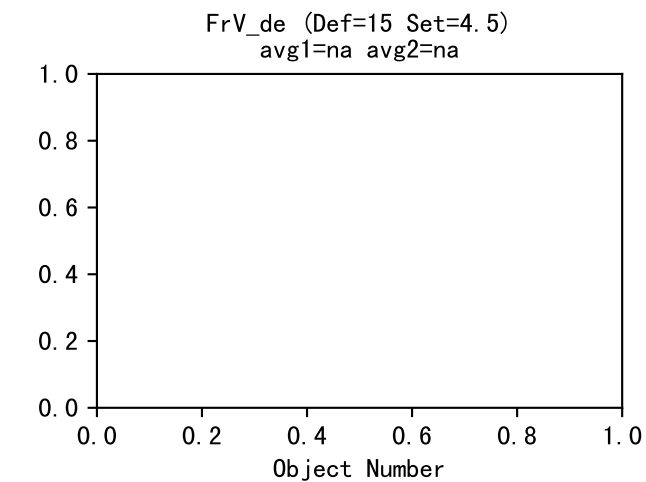
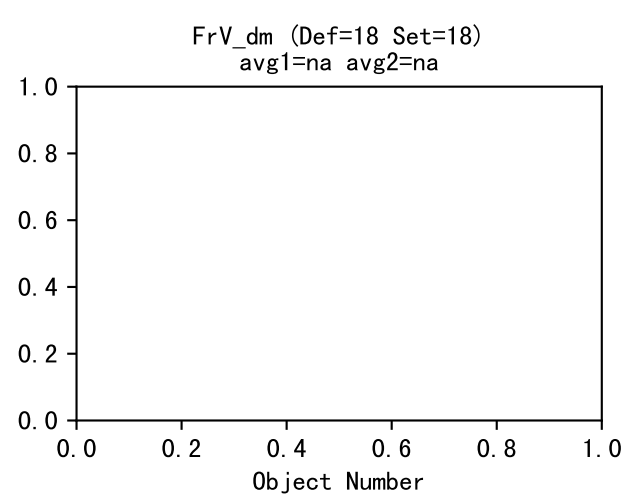
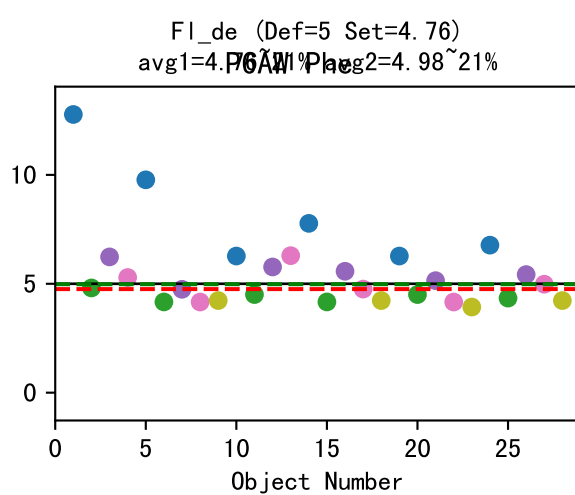
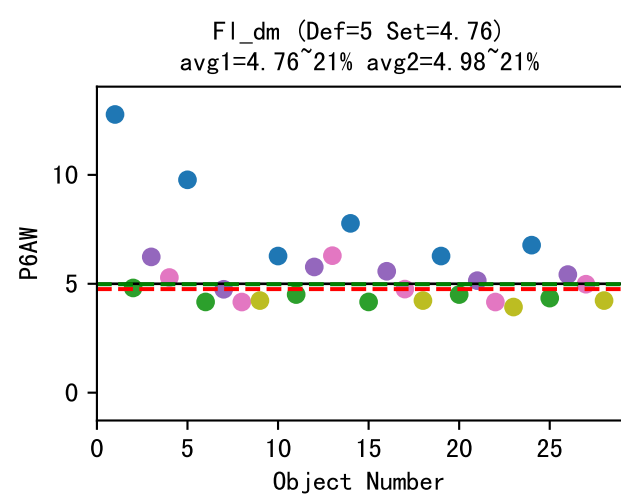


By Start Date

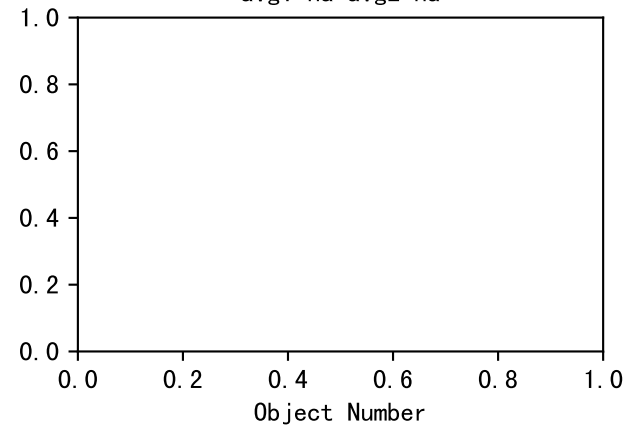


By Plant/Organ Age

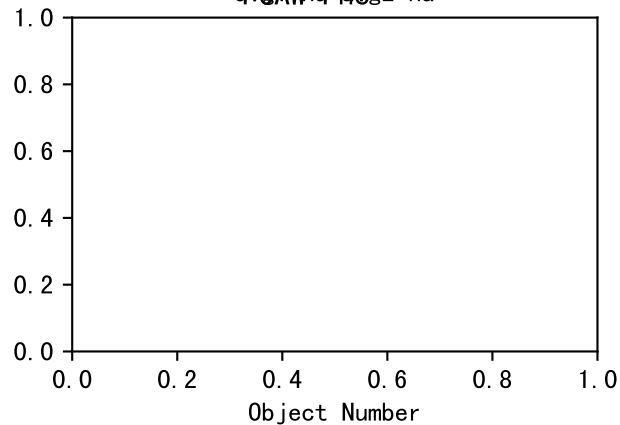




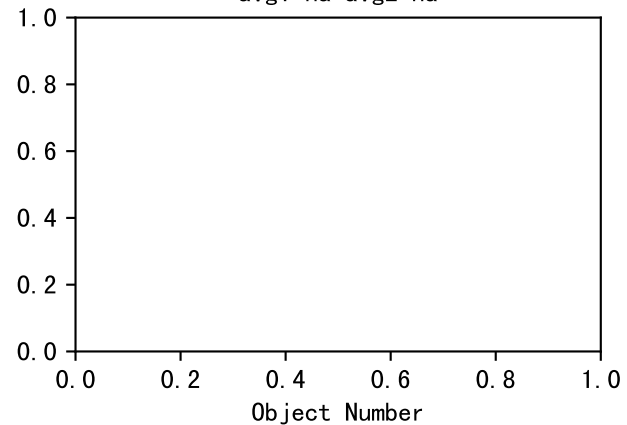
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



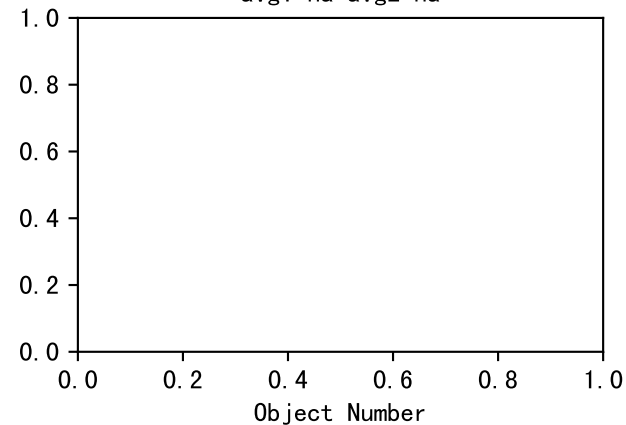
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



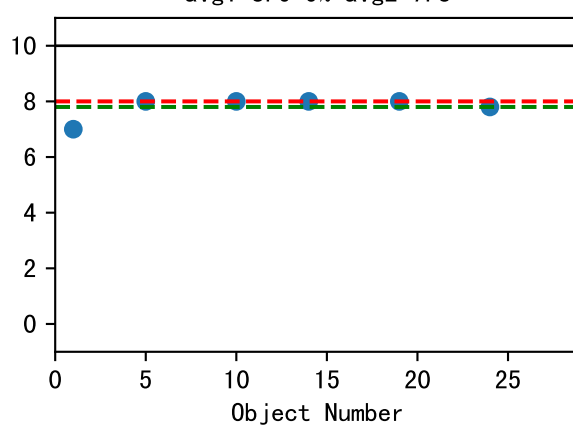
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

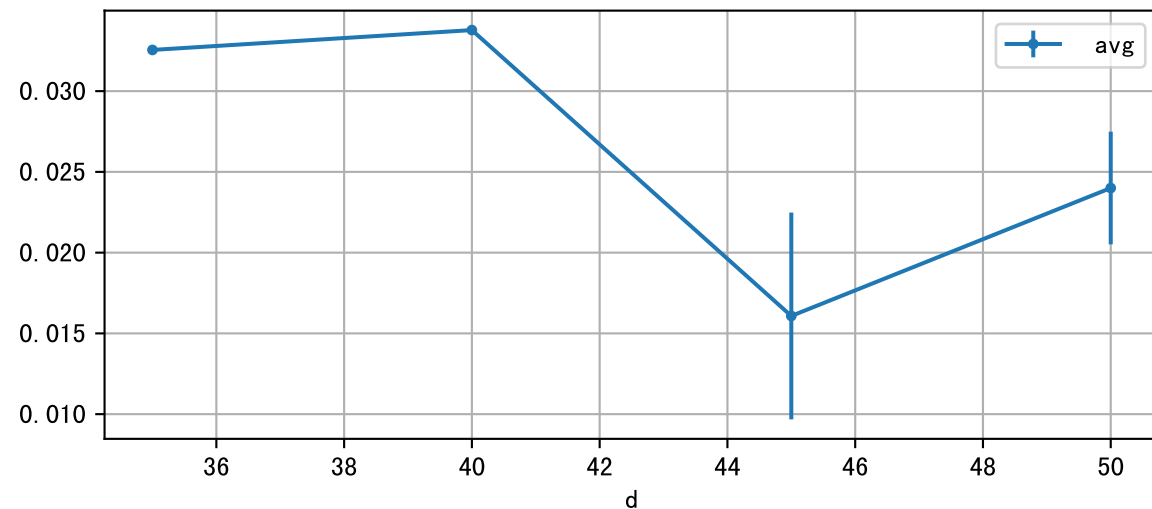


NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=7.8

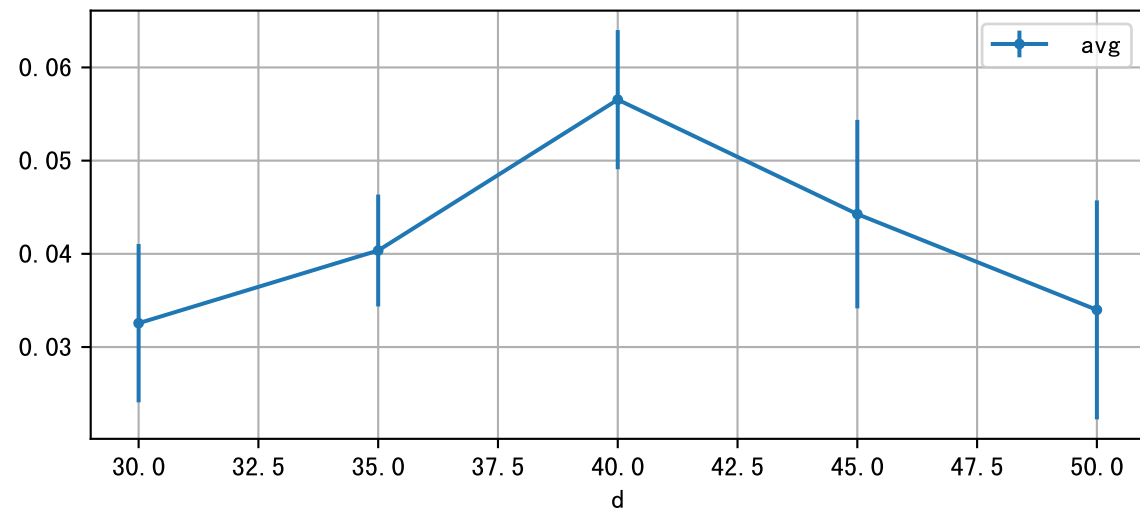


LfA: avg vs. d at each age group

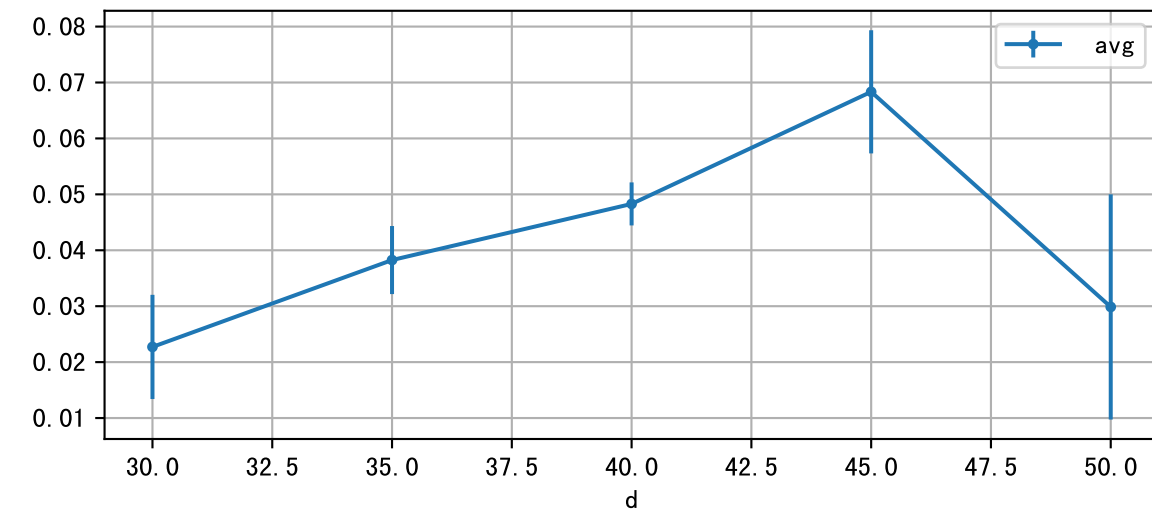
age=15



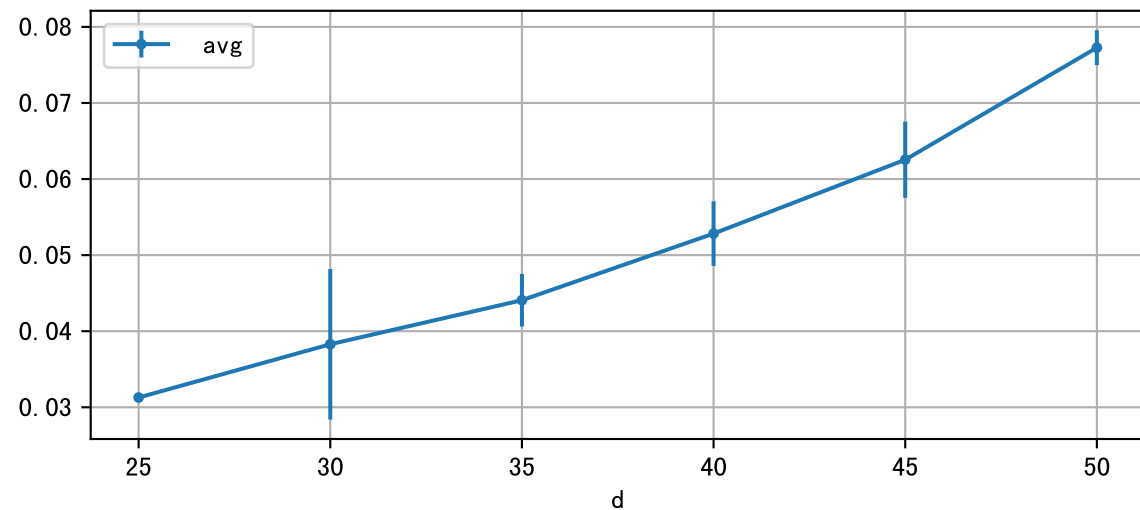
age=20



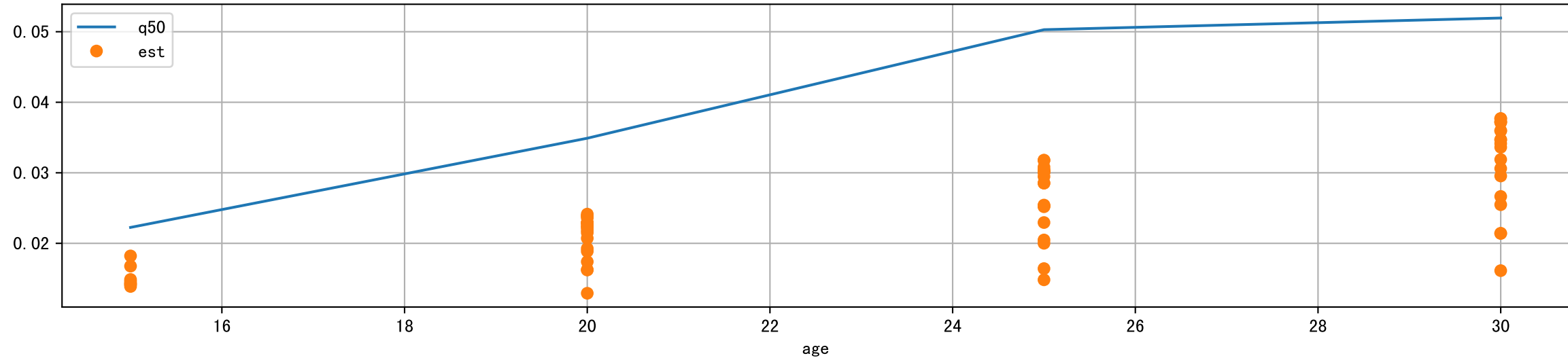
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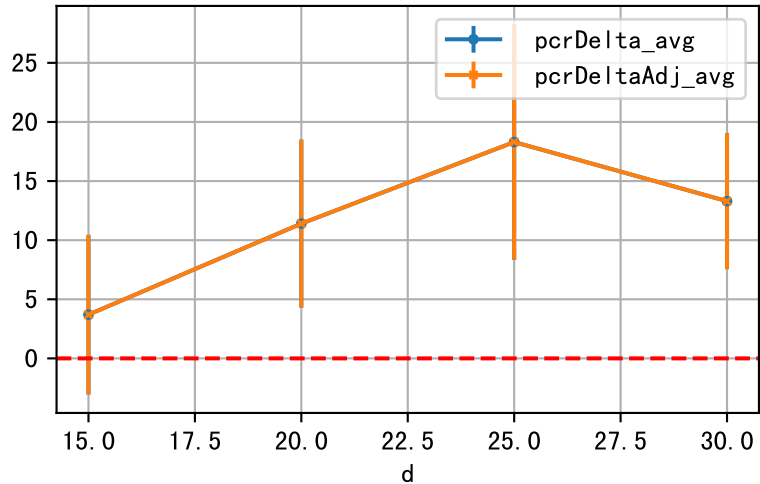
age=30



LfA: model est vs obs0v@Q50

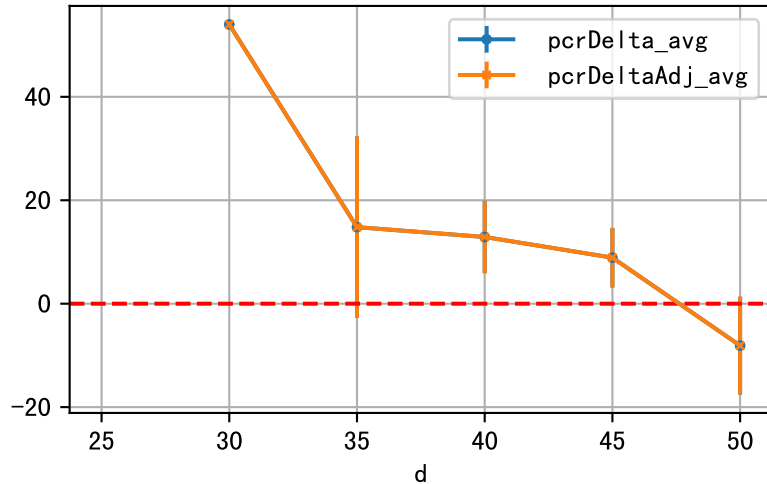


DeltaTypeAbbr=GrpByAge

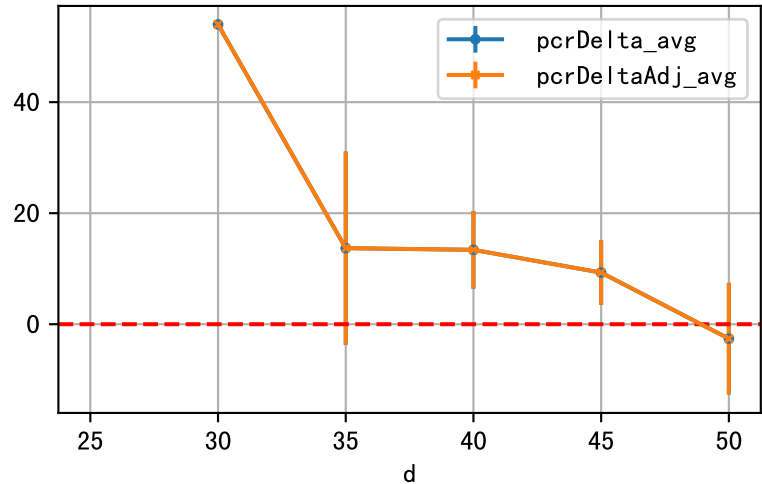


P6AW LfA: D_5d_LfA

DeltaTypeAbbr=GrpByDay

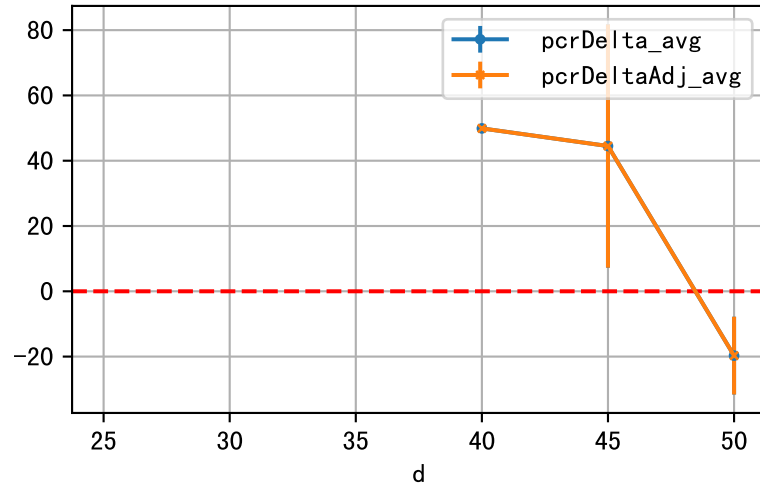
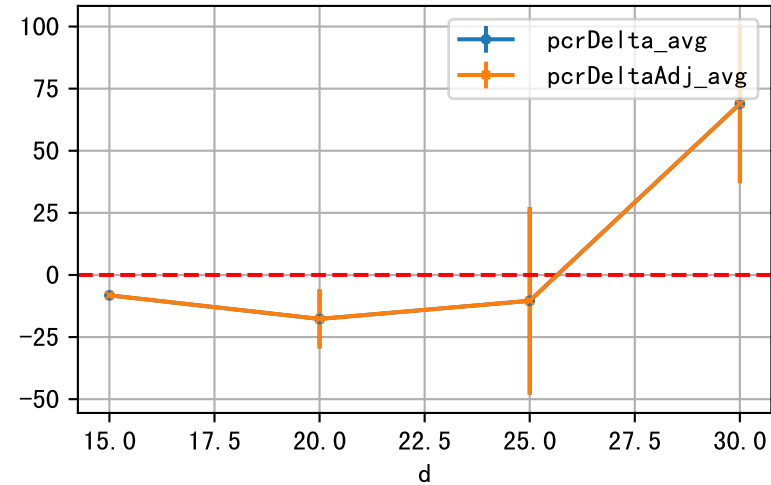


DeltaTypeAbbr=Wei AvgByD

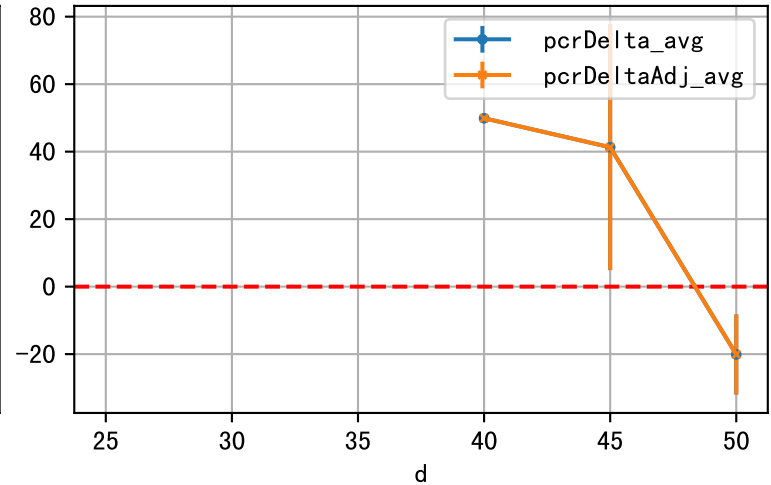


P6AW LfA: D_15d_LfA

DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

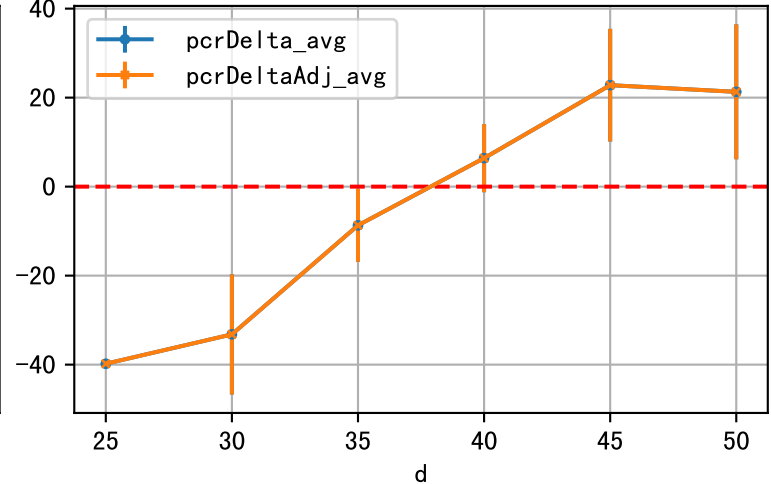
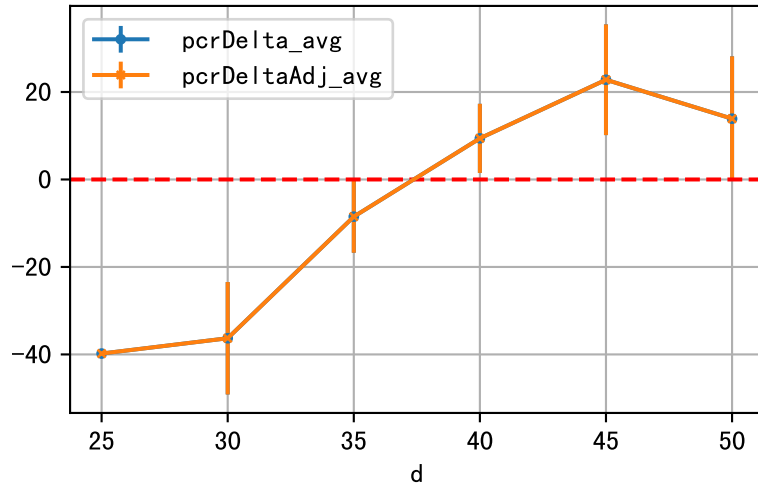
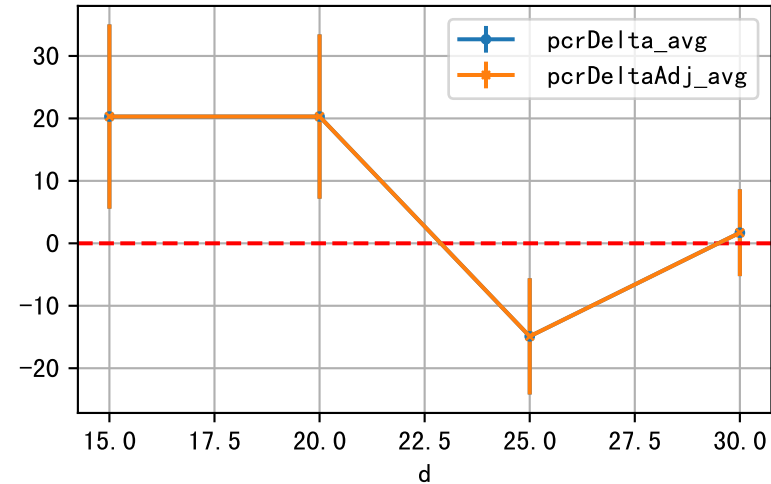


P6AW LfA: D_Q50_LfA

DeltaTypeAbbr=GrpByAge

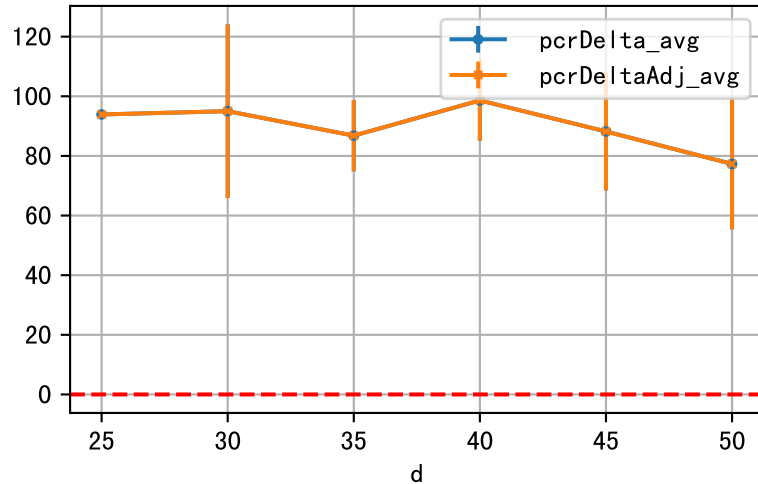
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

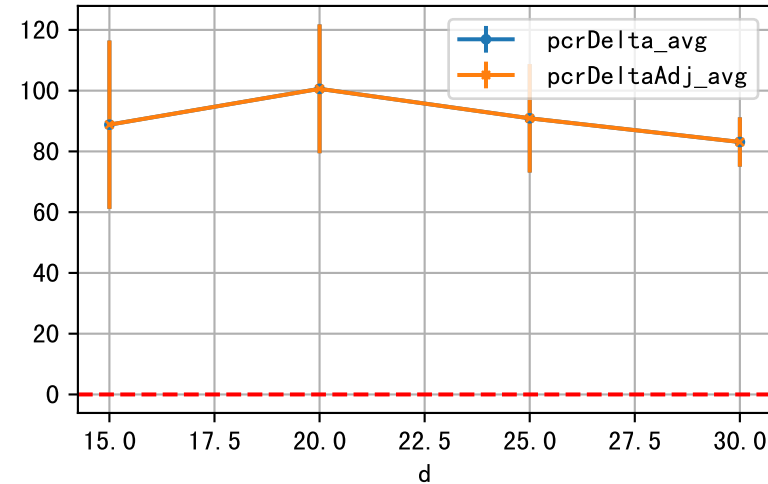


P6AW LfA: D_Est_LfA

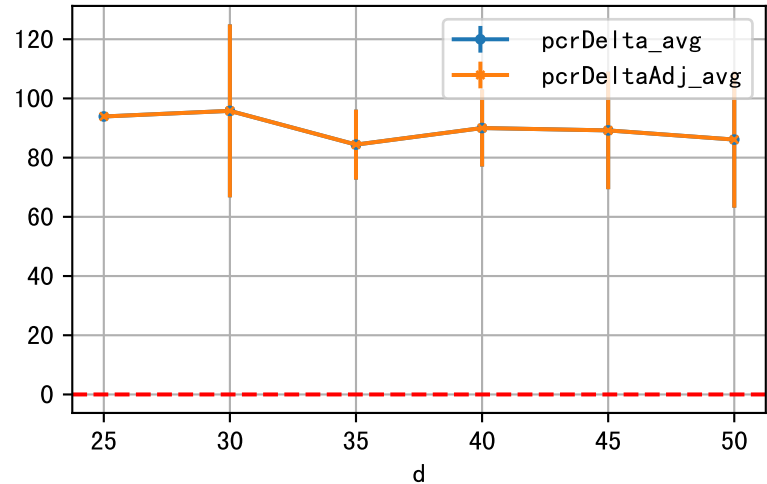
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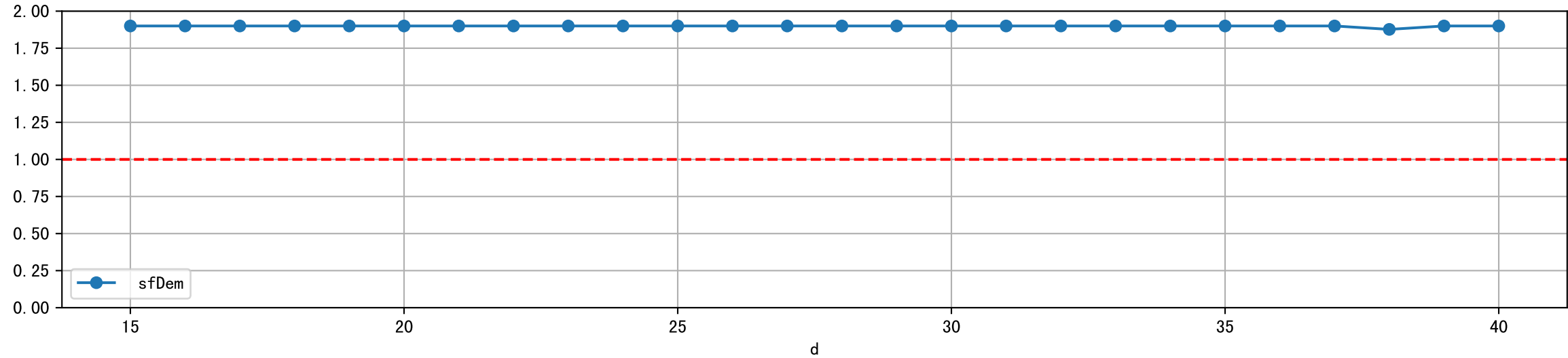
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=Wei AvgByD



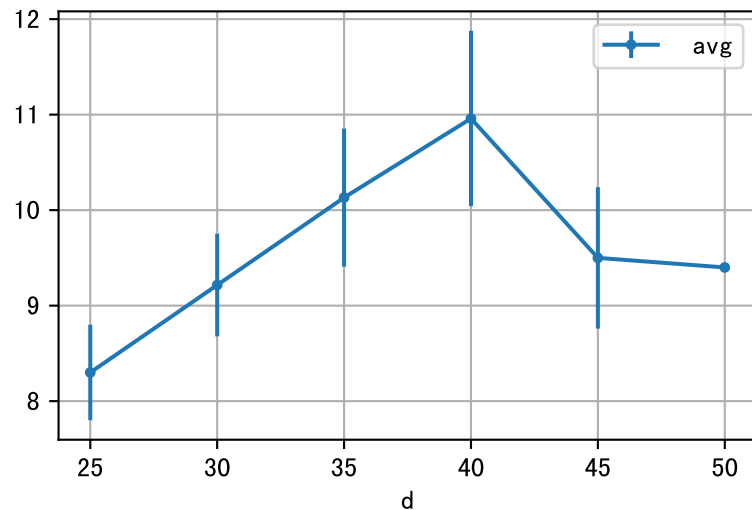
LfA: sfDem



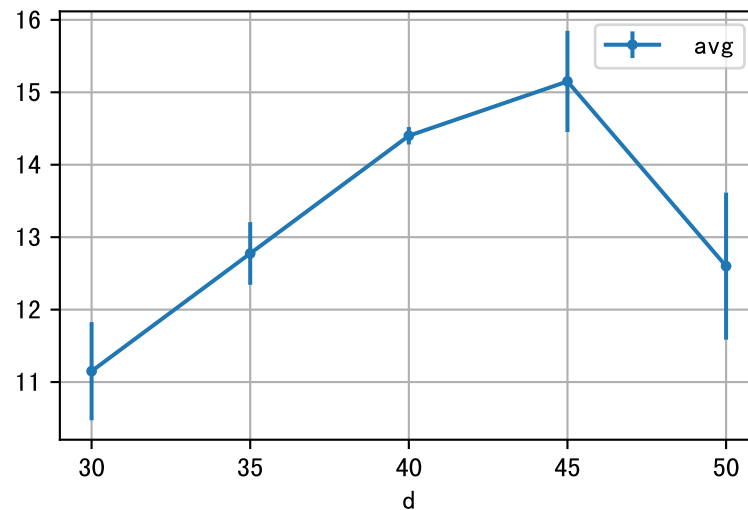


NdD: avg vs. d at each age group

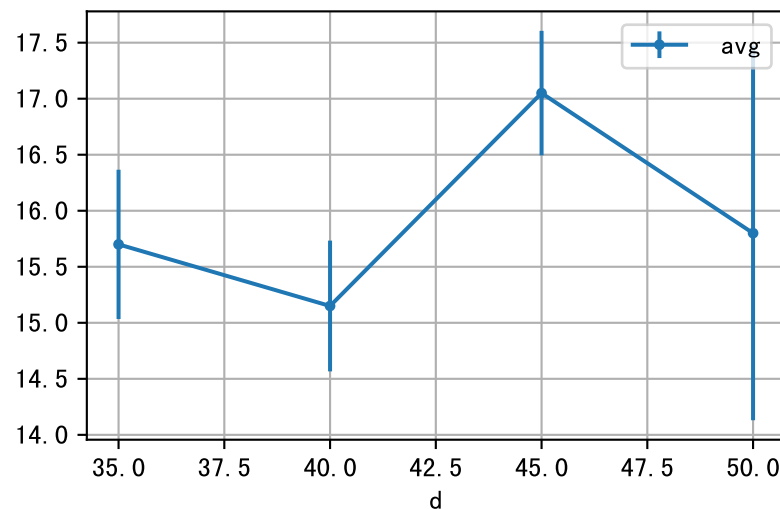
age=15



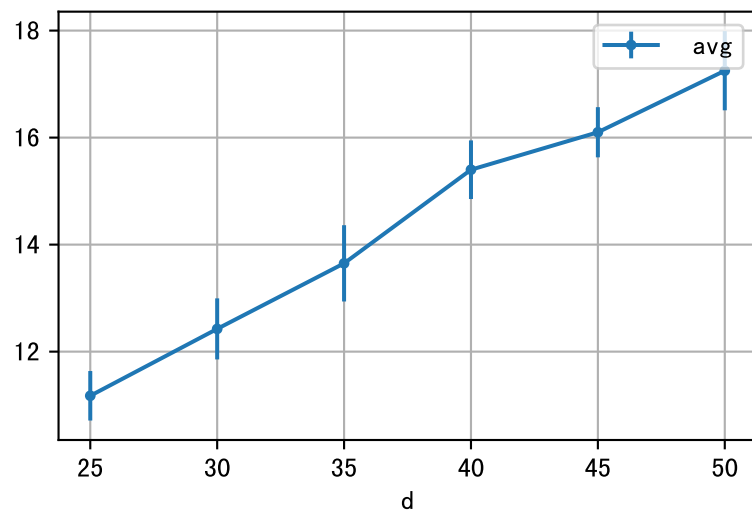
age=20



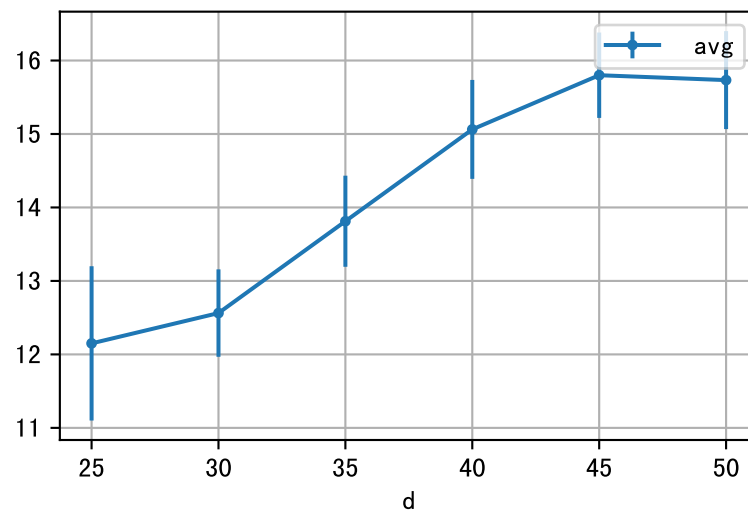
age=25



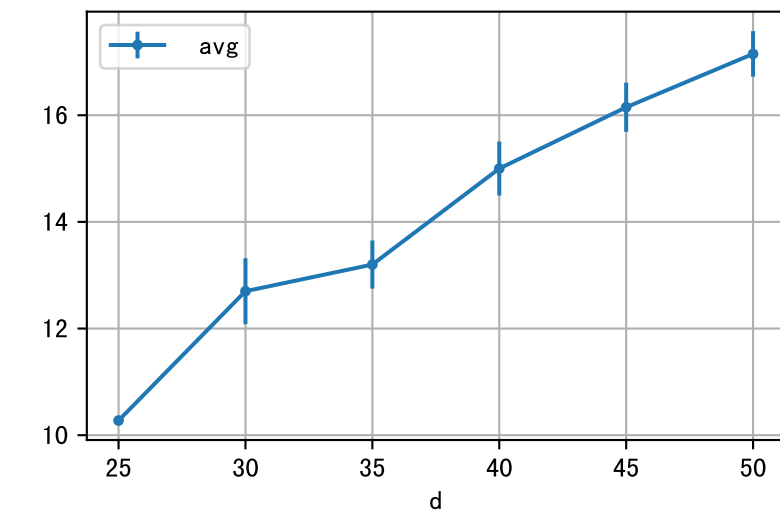
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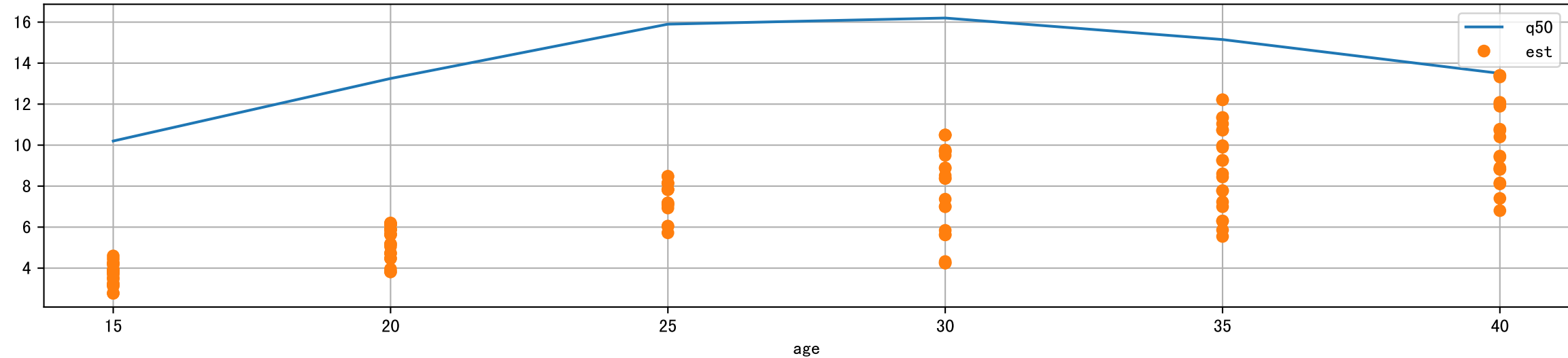
age=35



age=40

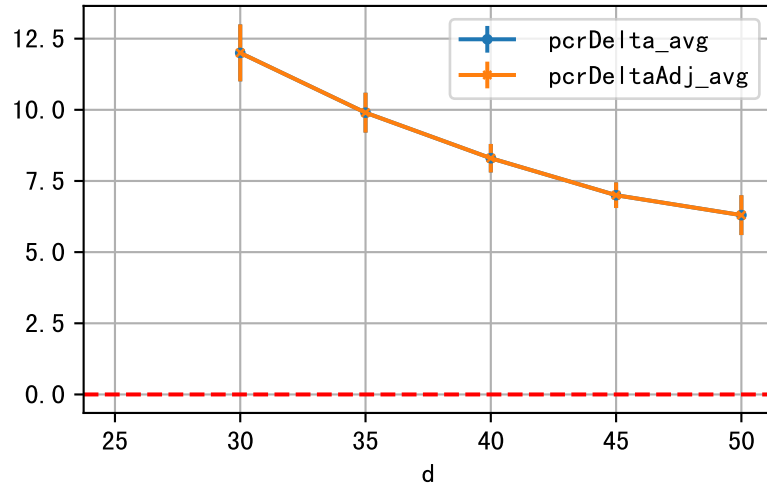


NdD: model est vs obs0v@Q50

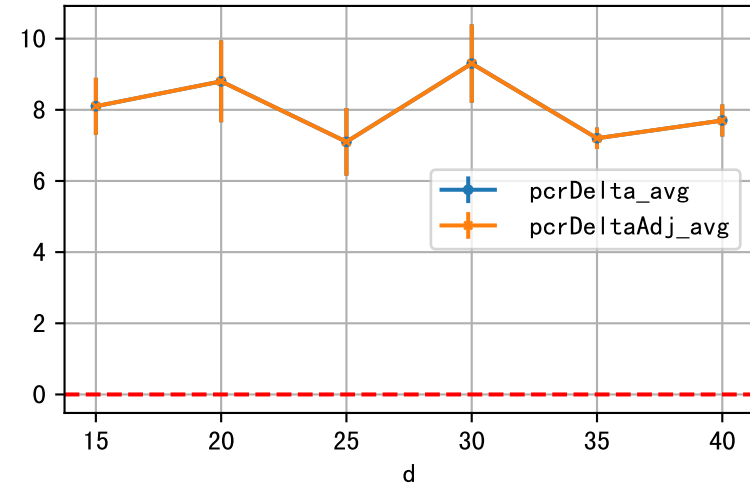


P6AW NdD: D_5d_NdD

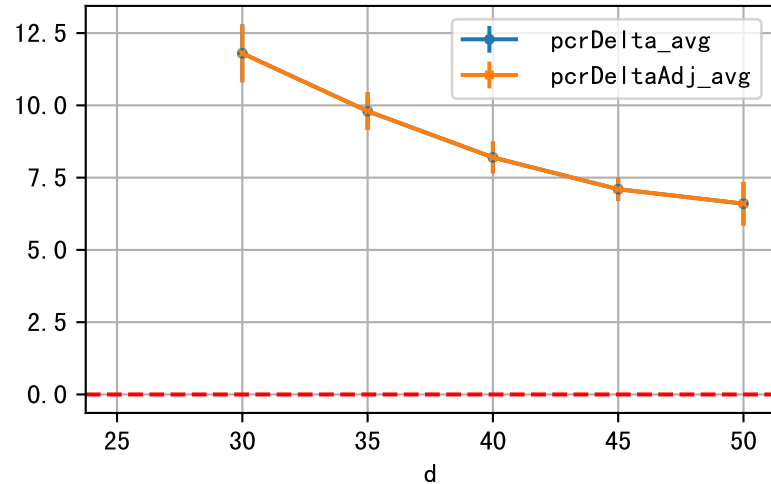
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

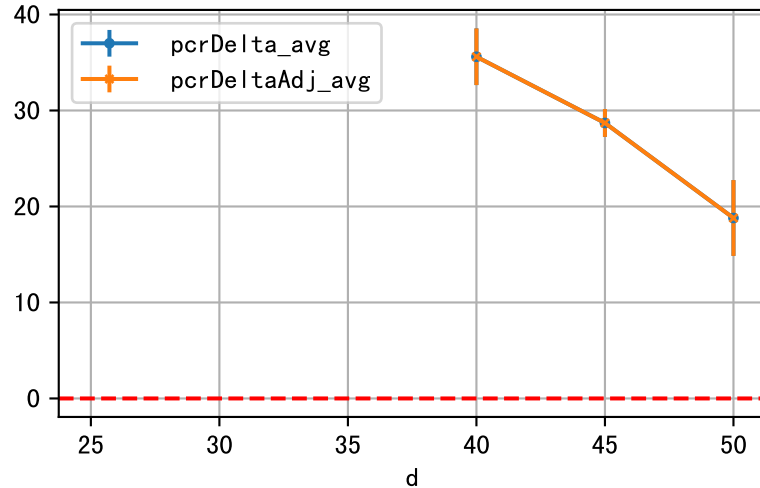


DeltaTypeAbbr=Wei AvgByD

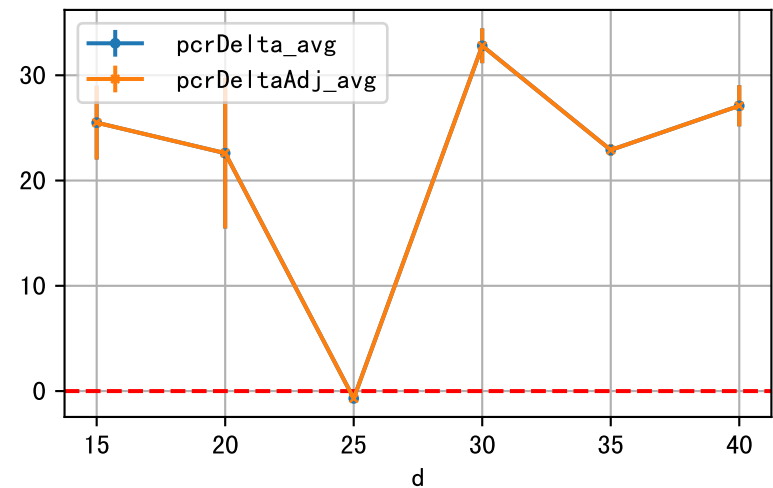


P6AW NdD: D_15d_NdD

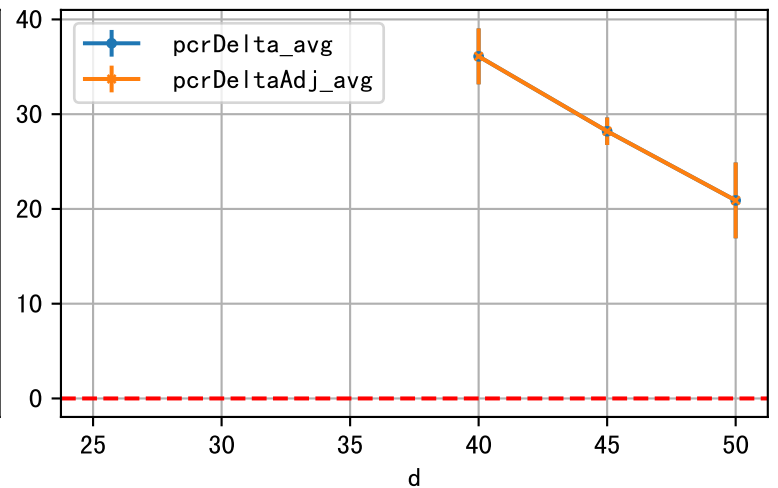
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

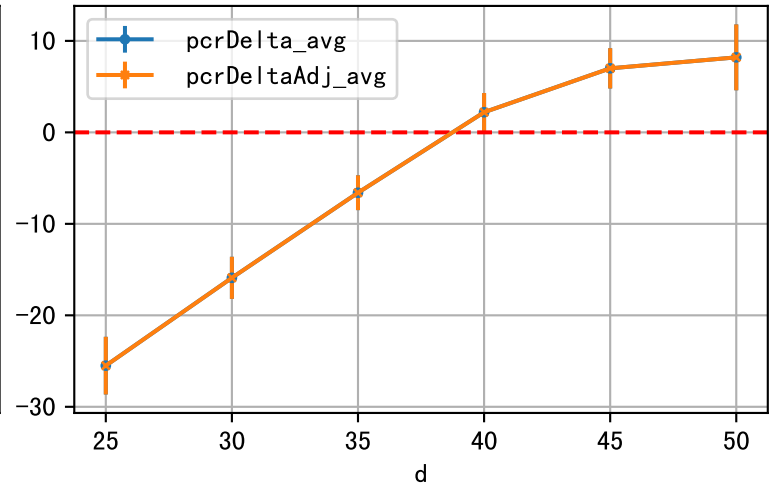
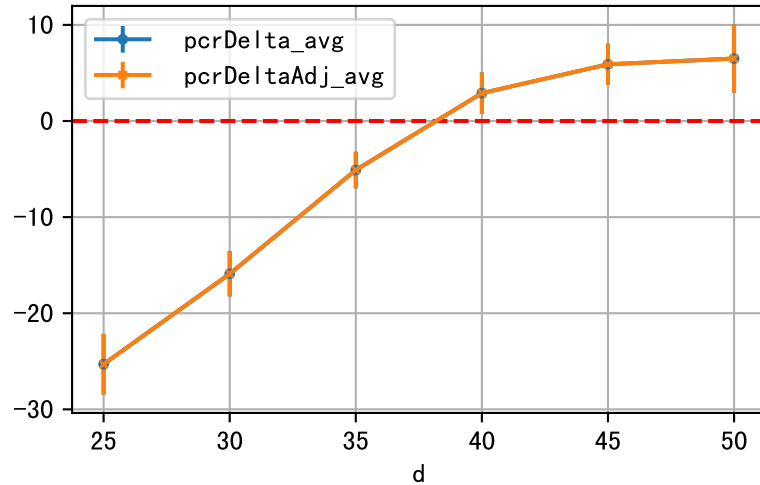
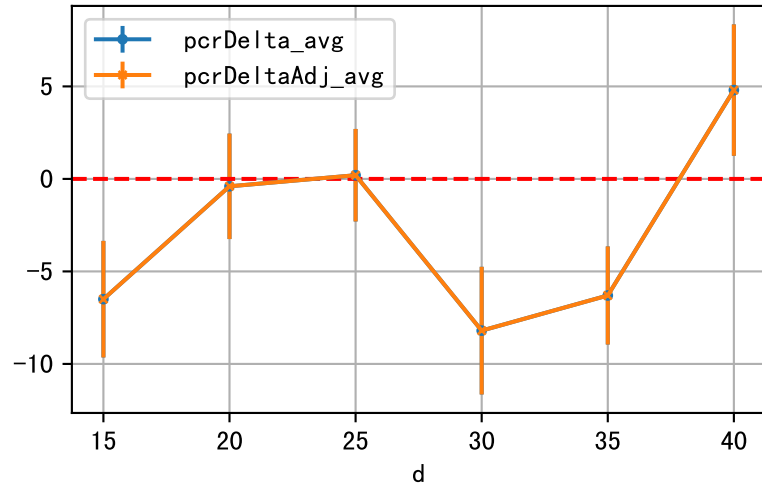


DeltaTypeAbbr=Wei AvgByD



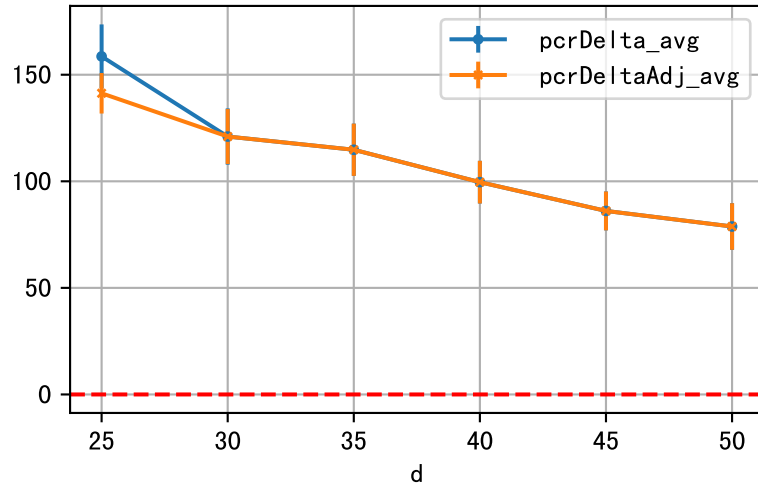
P6AW NdD: D_Q50_NdD

DeltaTypeAbbr=GrpByDay

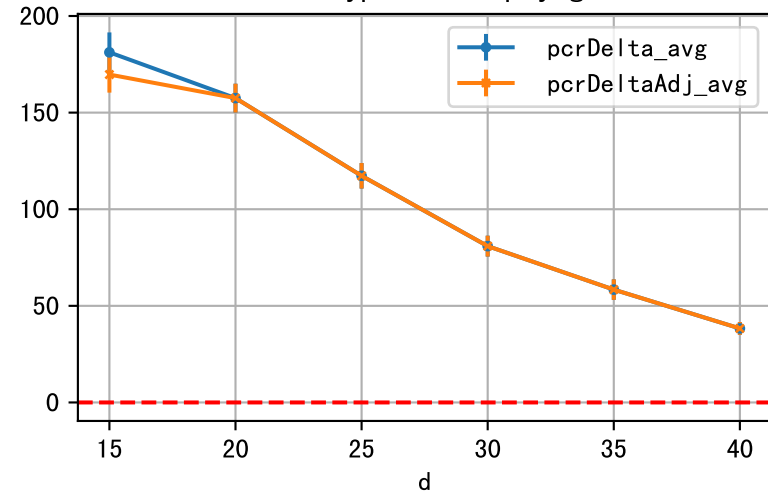


P6AW NdD: D_Est_NdD

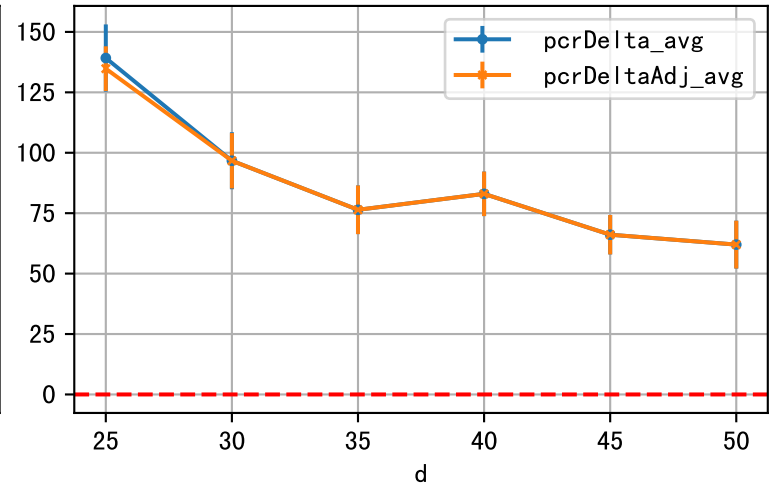
DeltaTypeAbbr=GrpByDay



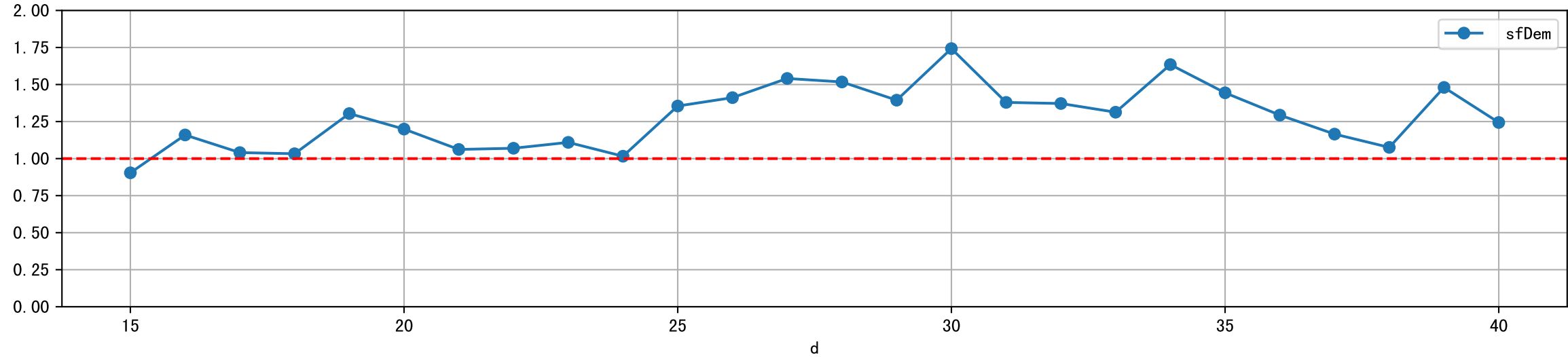
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=Wei AvgByD

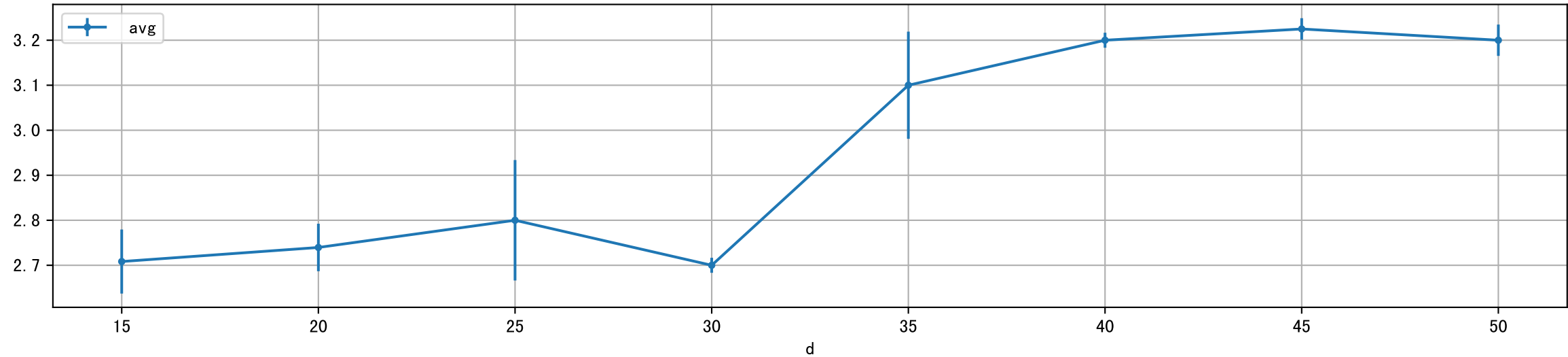


NdD: sfDem

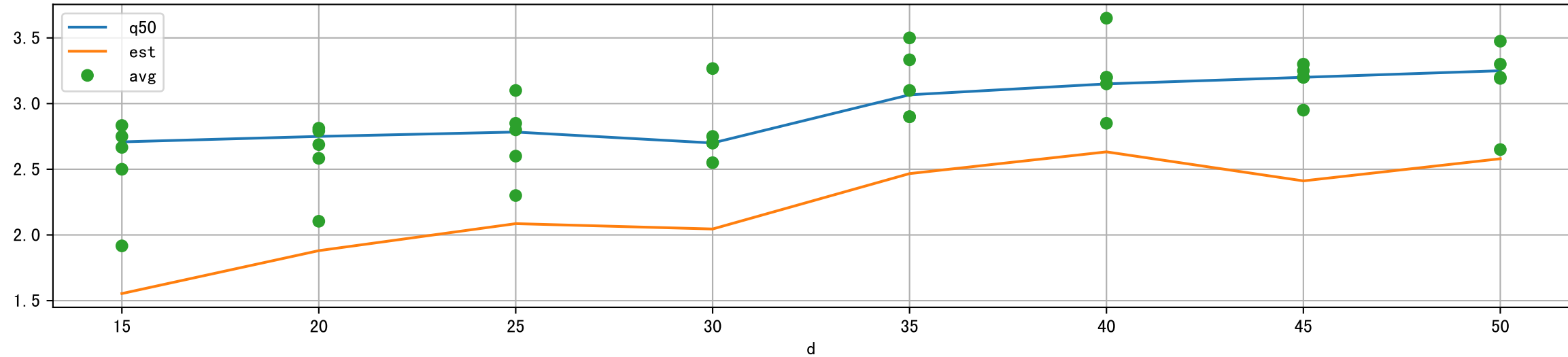




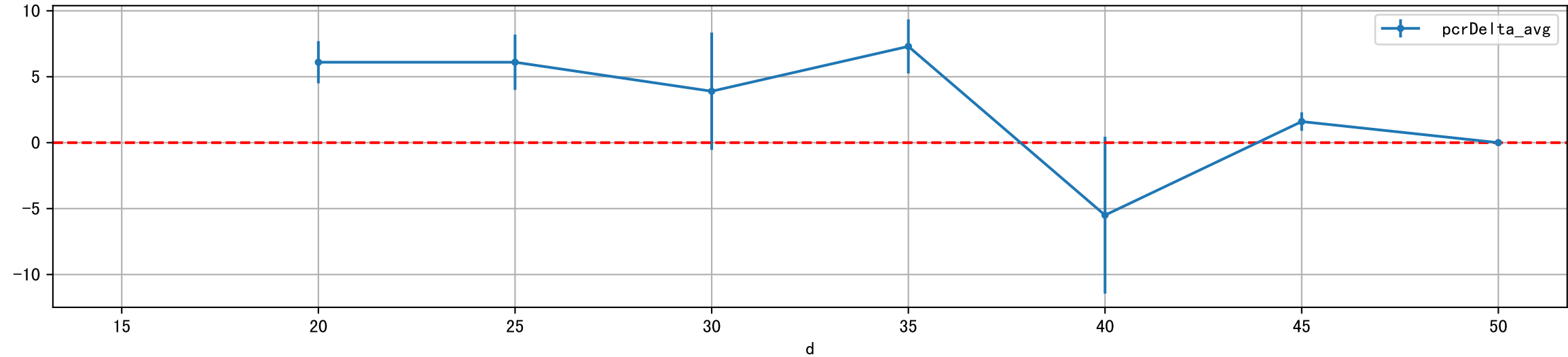
dStH: avg vs. d



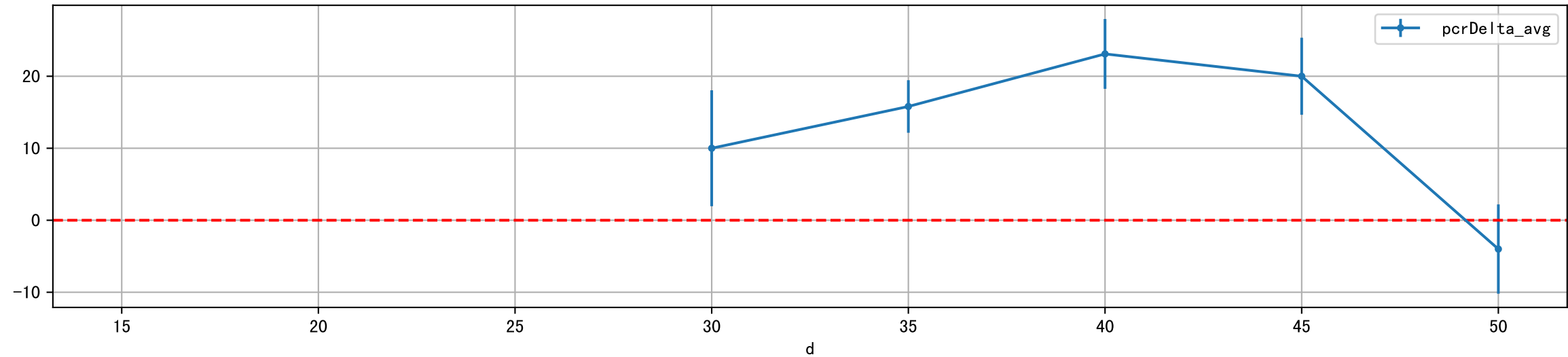
dStH: obsAvg vs obs0v@Q50



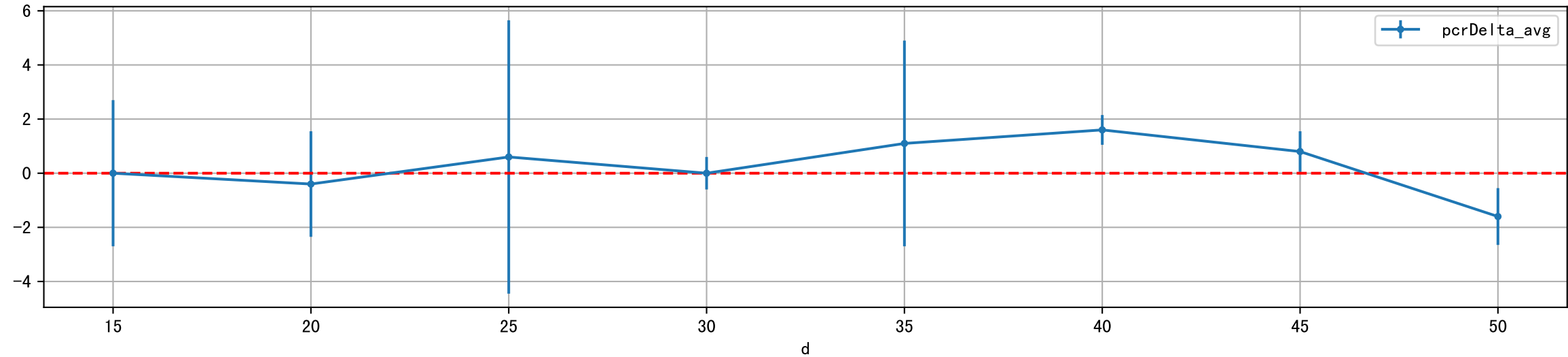
dStH: D_5d_StH



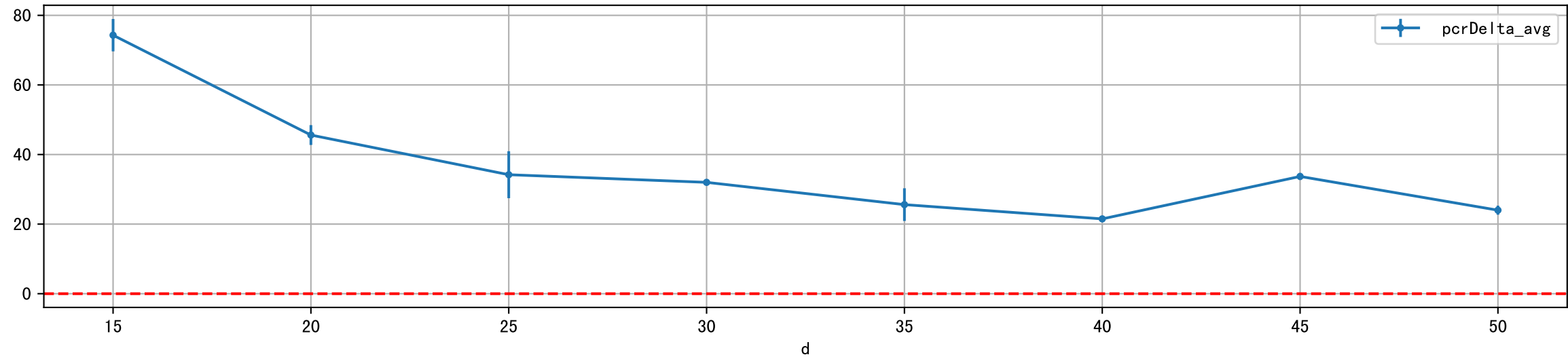
dStH: D_15d_StH



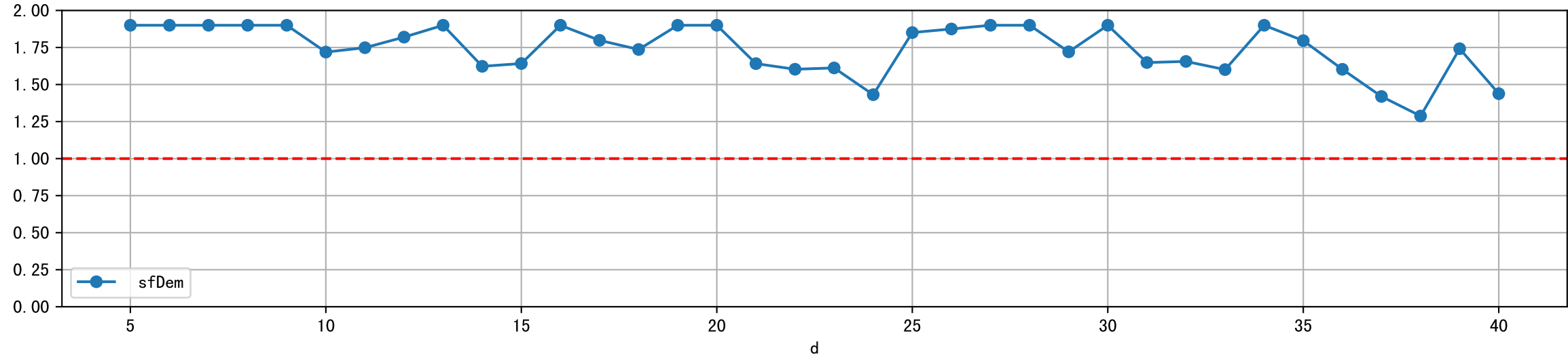
dStH: D_Q50_StH

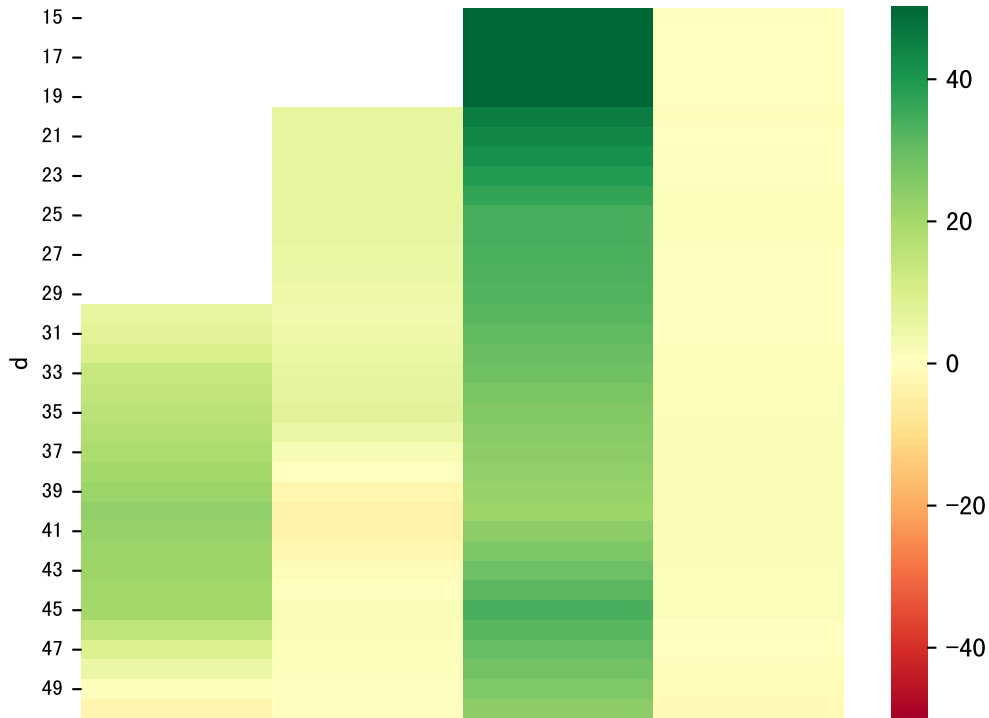


dStH: D_Est_StH



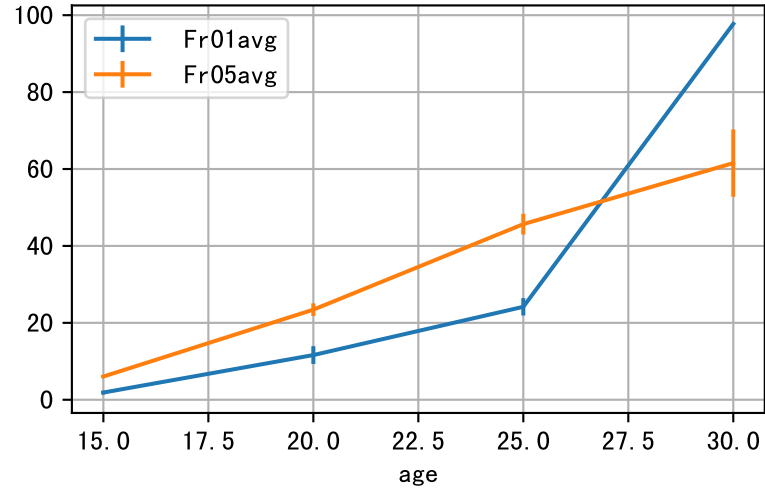
dStH: sfDem



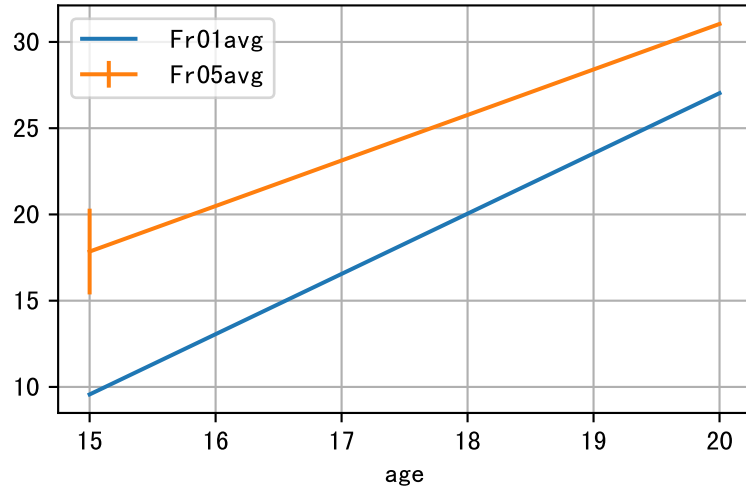


FrV: Fr01 vs Fr05 at each truss

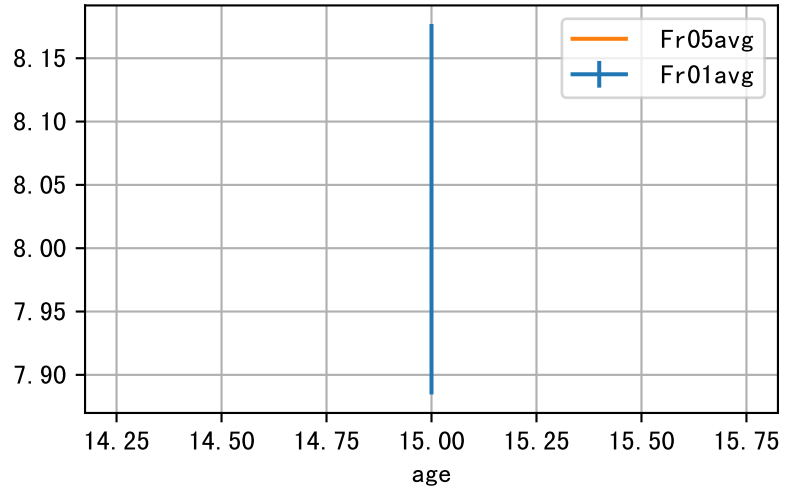
organID=T01



organID=T02

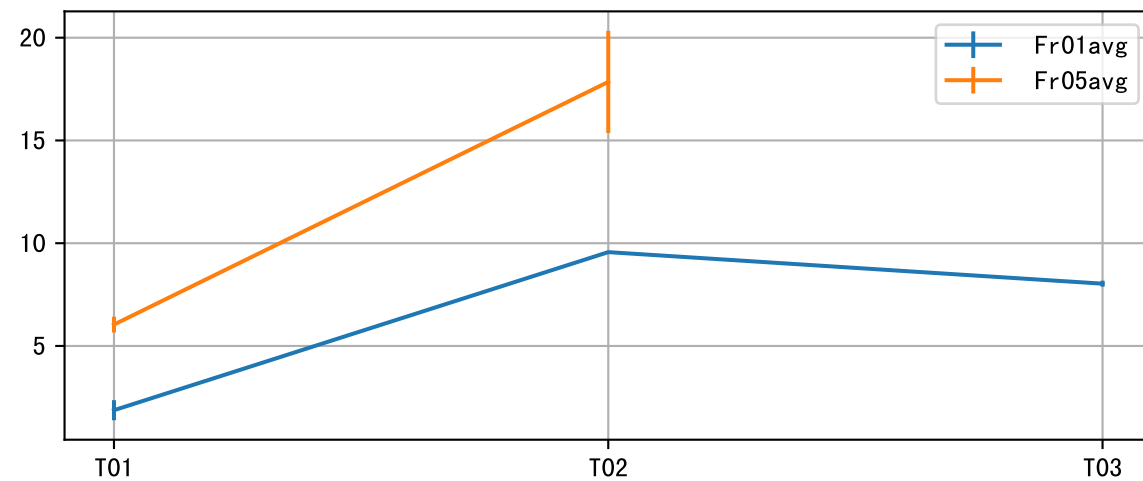


organID=T03

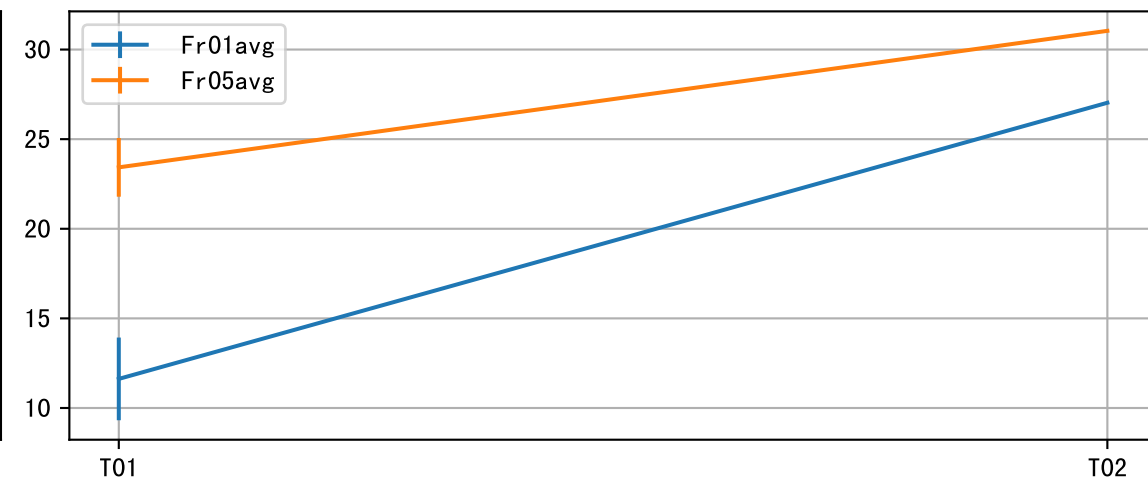


FrV trend at each age

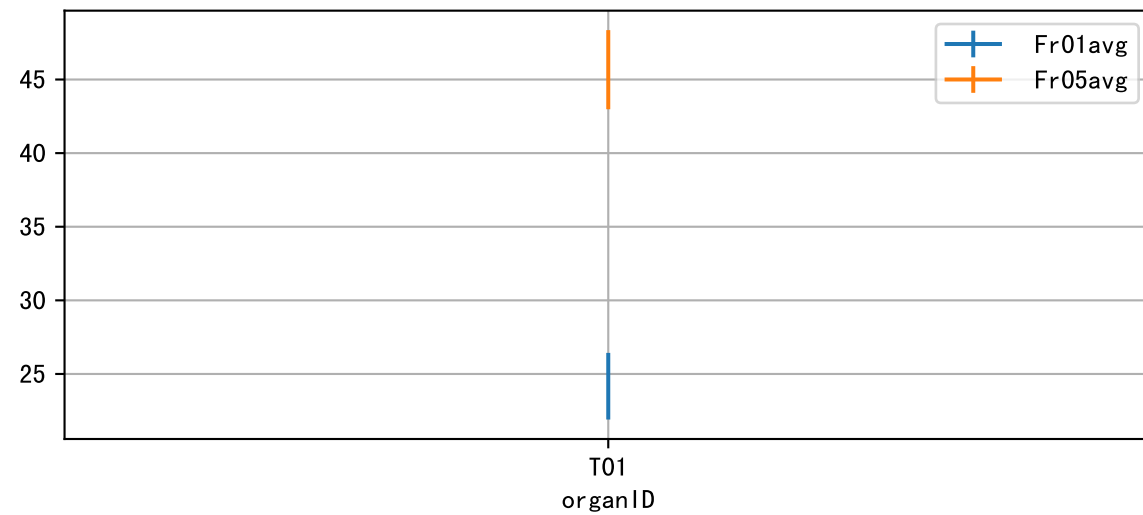
age=15



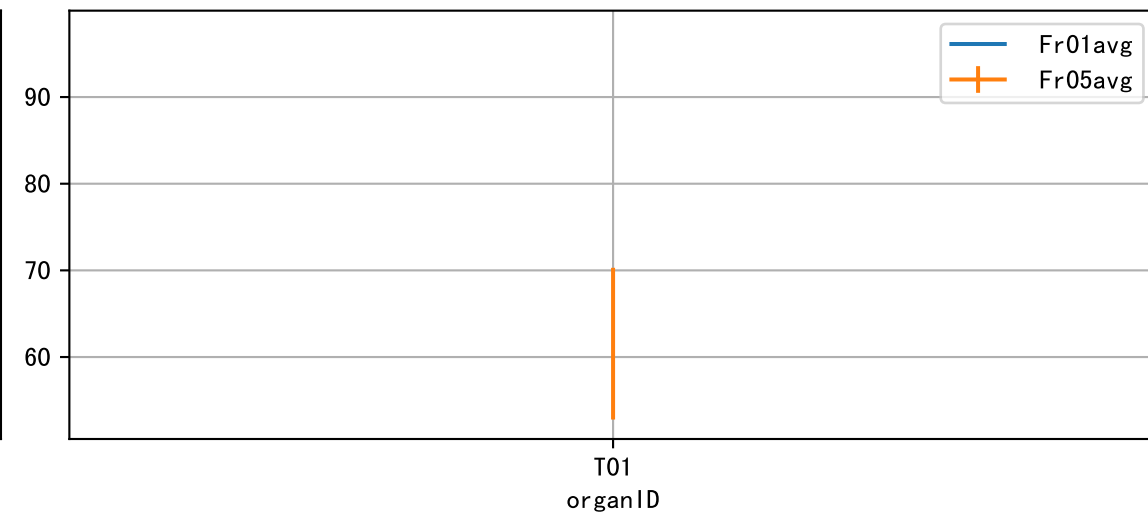
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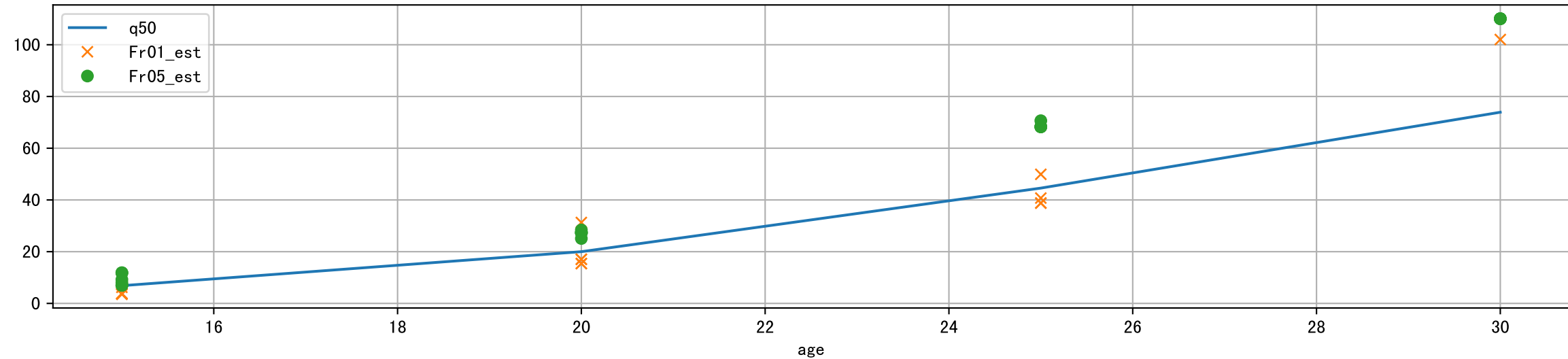
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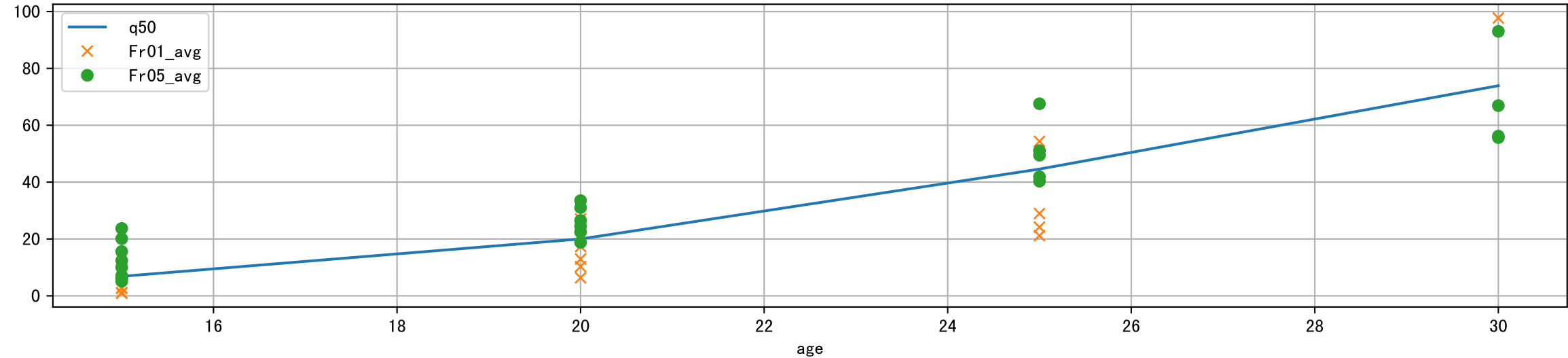
age=30



FrV: model Est vs obsFrV at Q90

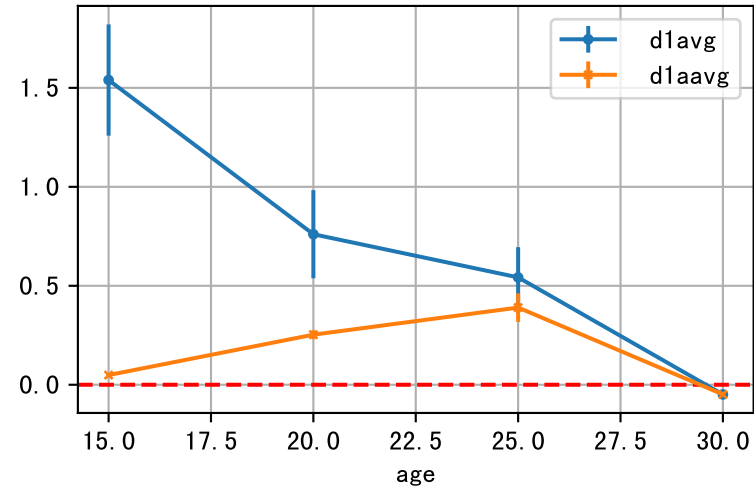


FrV: obsFrV vs obsFrV@Q90

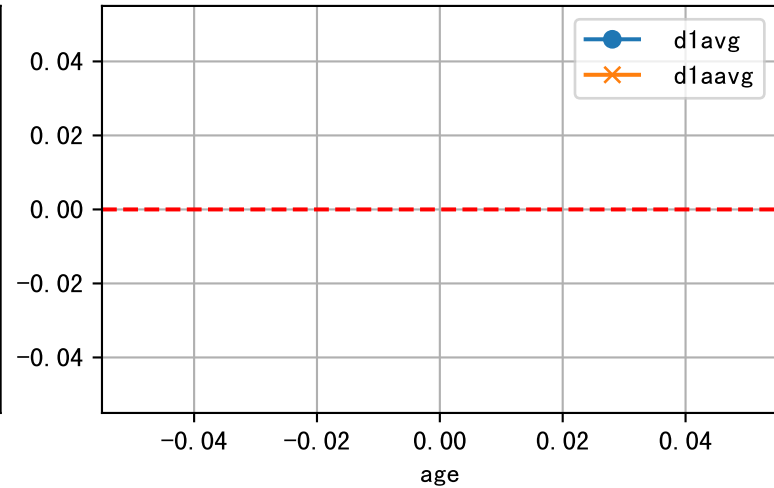


FrV: D_Fr1_FrV

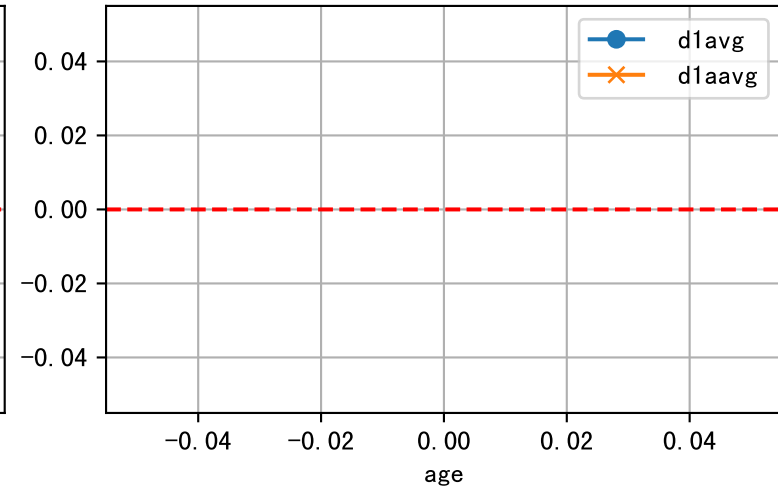
organID=1



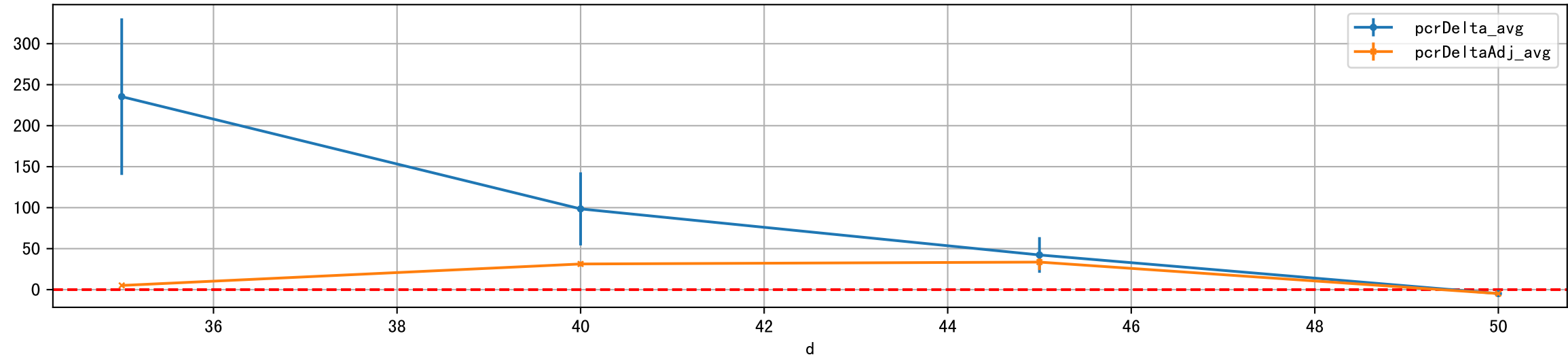
organID=2



organID=3

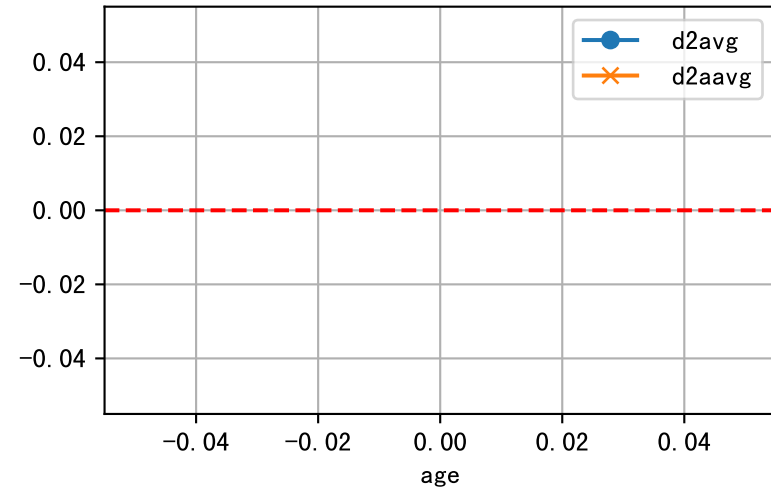


P6AW FrV: D_Fr1_FrV

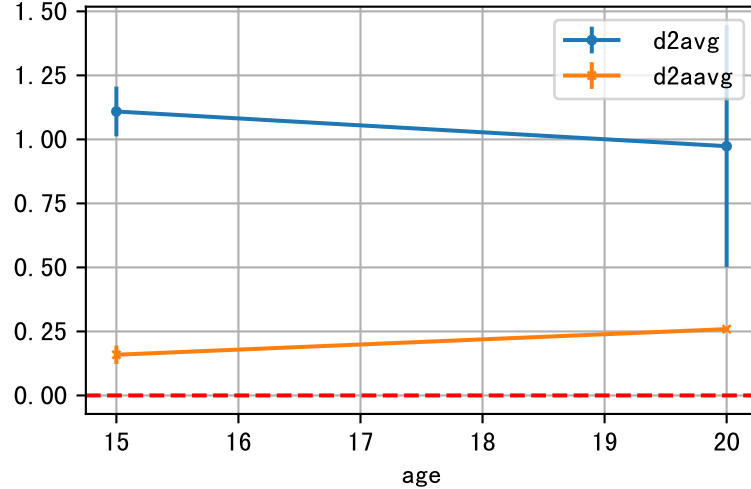


FrV: D_Ts_FrV

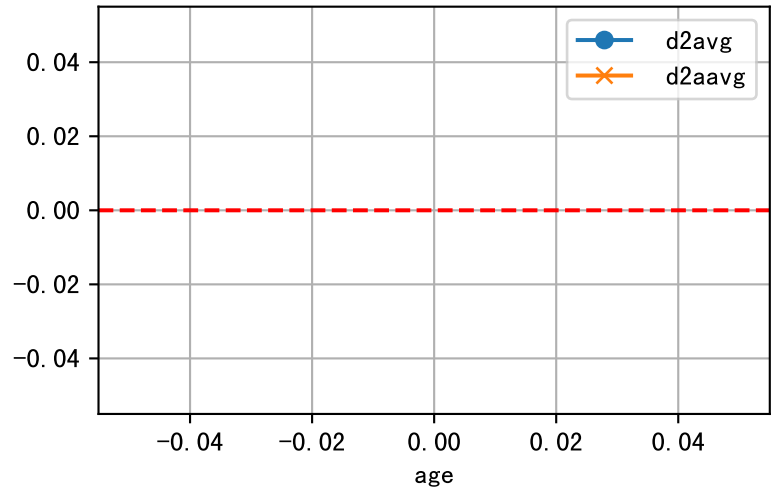
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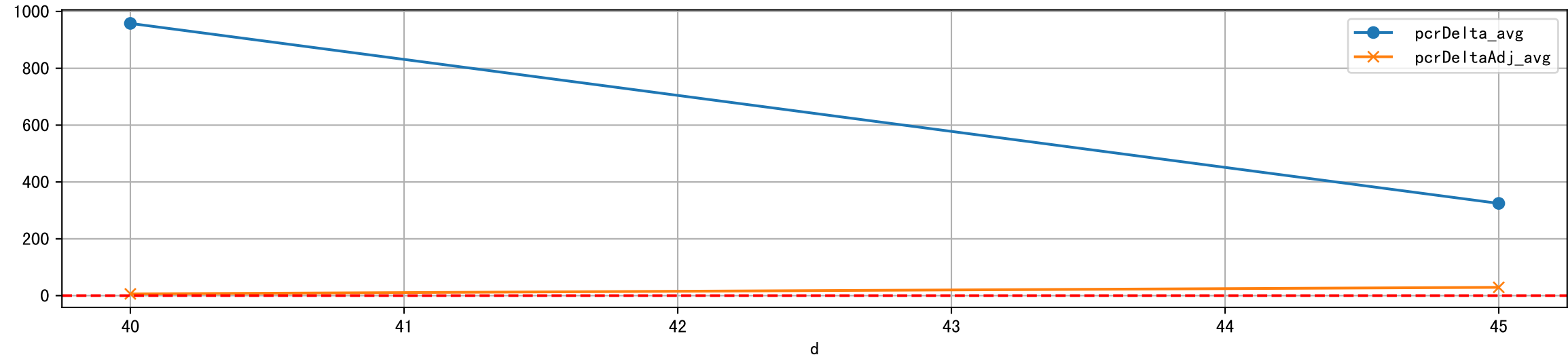
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organID=3

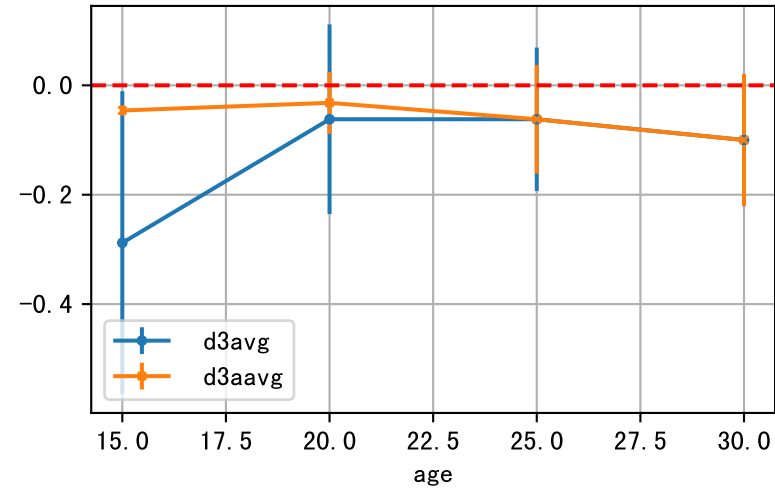


P6AW FrV: D_Ts_FrV

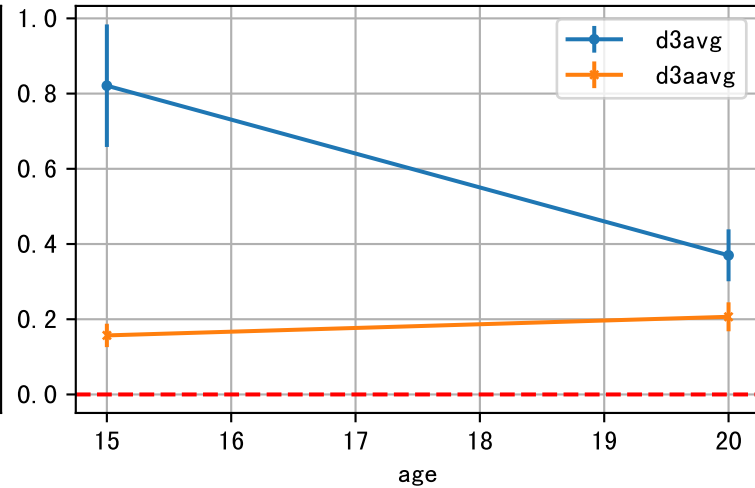


FrV: D_Q50_FrV

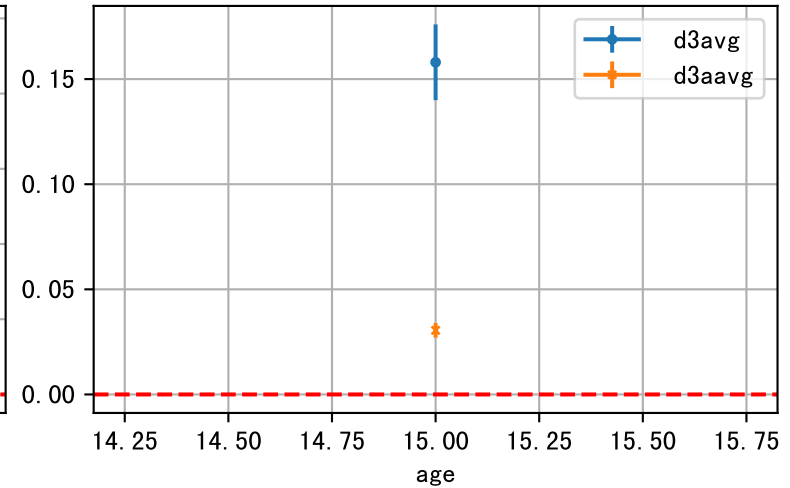
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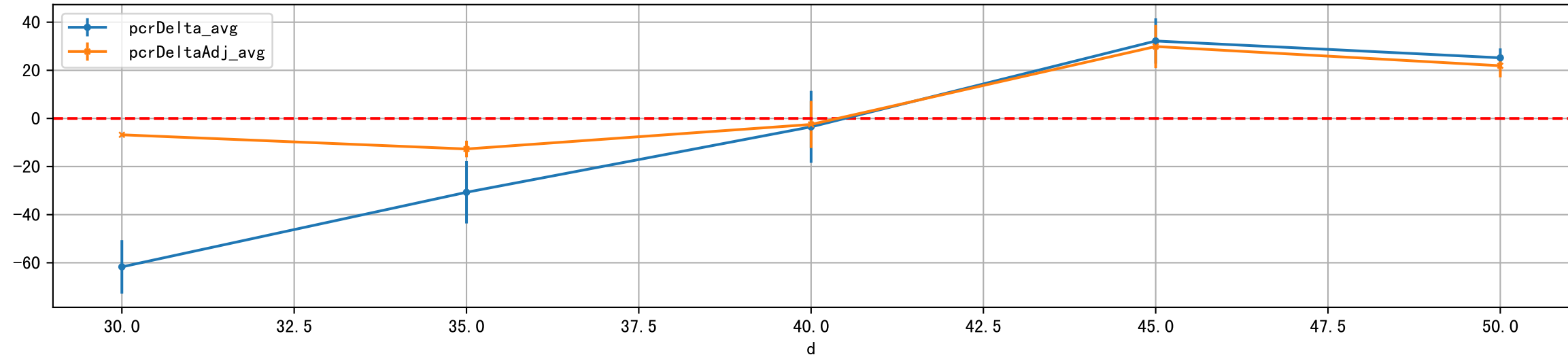
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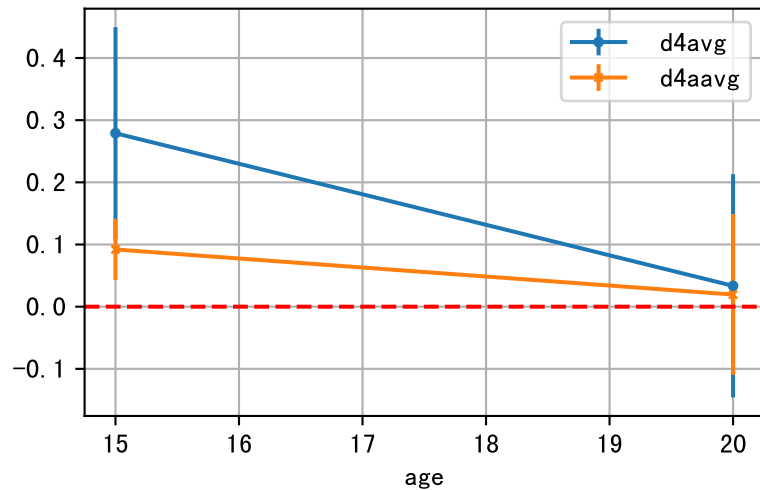
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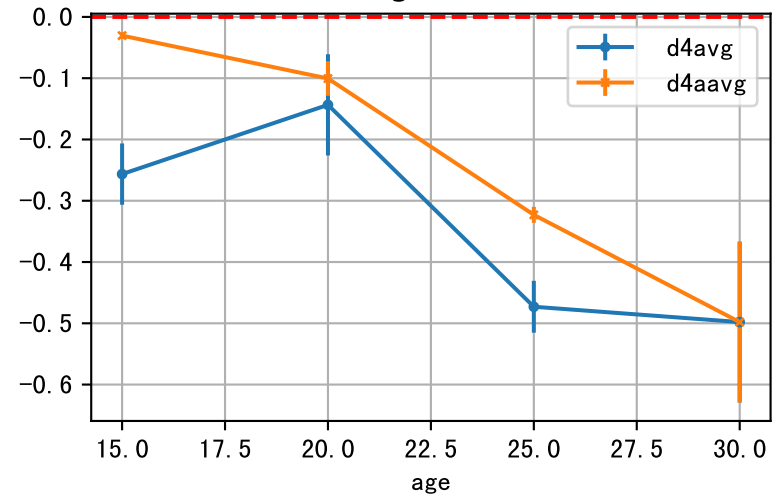
P6AW FrV: D_Q50_FrV



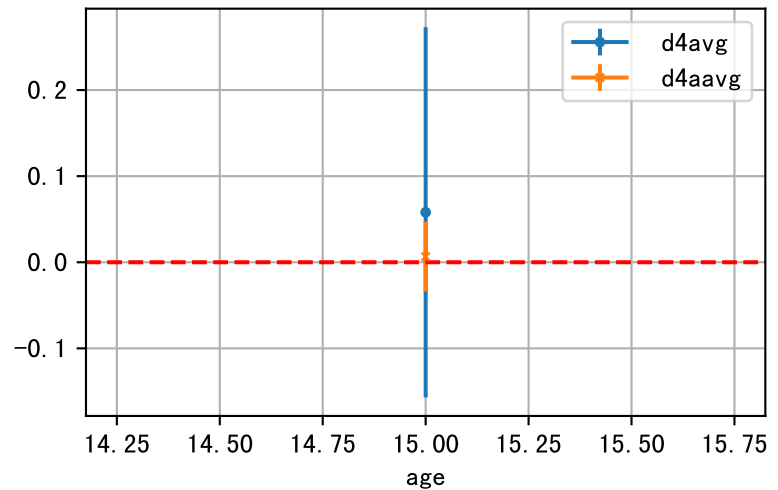
FrV: D_Est_FrV
organID=2



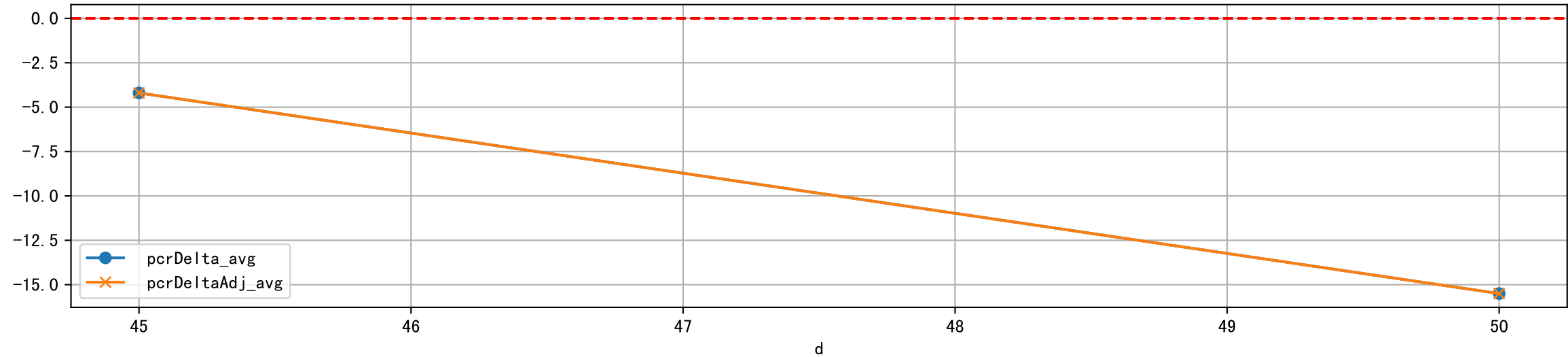
organID=1



organID=3



P6AW FrV: D_Est_FrV



P6AW FrV: sfDem

