

Phenotype Data Analysis Plots

PhenoData day range = 5 - 48

Analysis cutoff day = 48

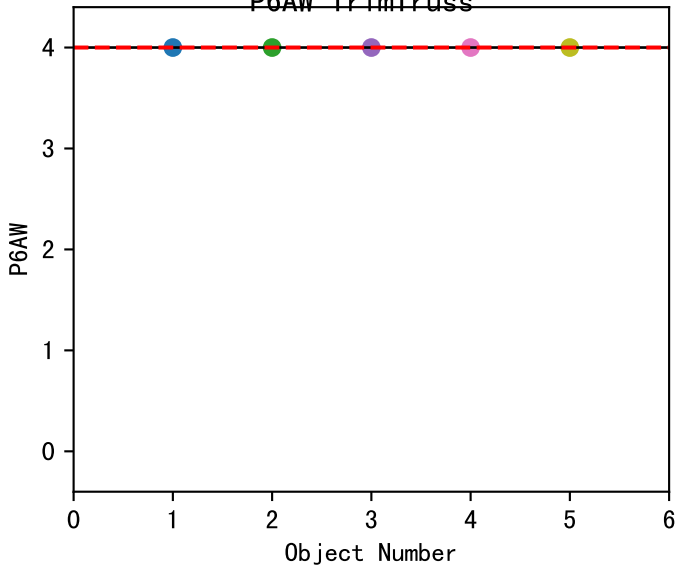
NC11 P6

2025-05-24 (Day 49)

TrussNodeMaxPerStem (Def=4.0 Set=4)

avg1=4.0~0% avg2=na

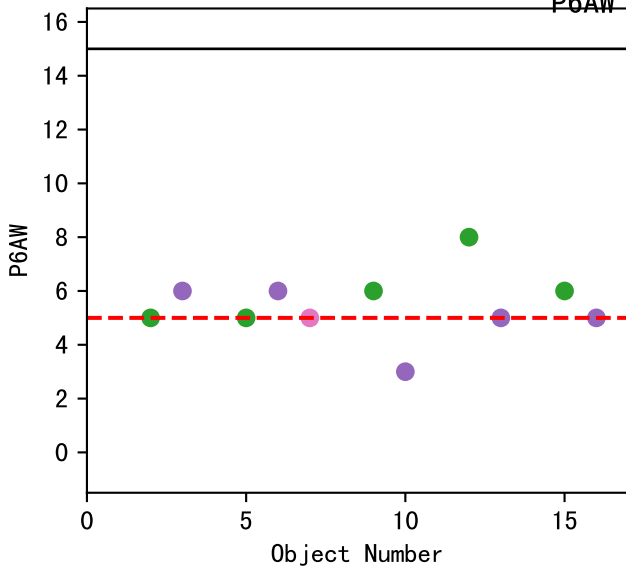
P6AW TrimTruss



FruitNumAvgPerTruss (Def=15 Set=5)

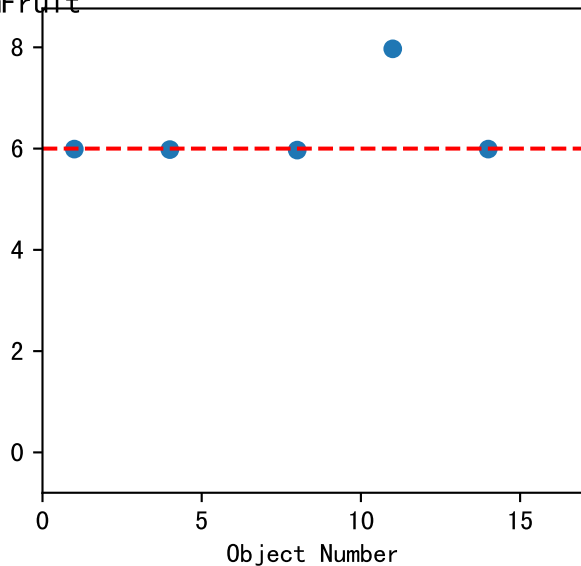
avg1=5.0~11% avg2=na

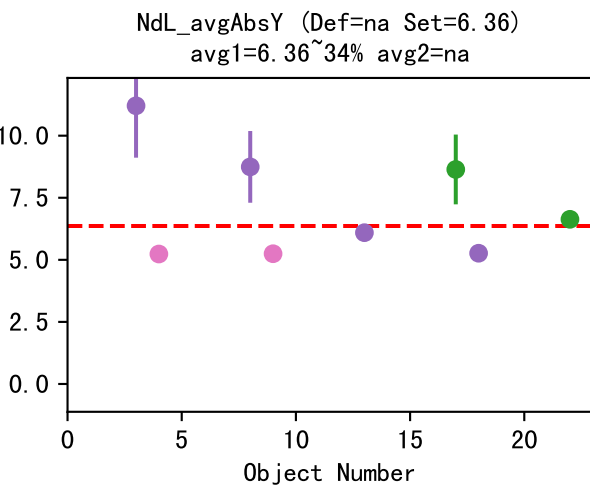
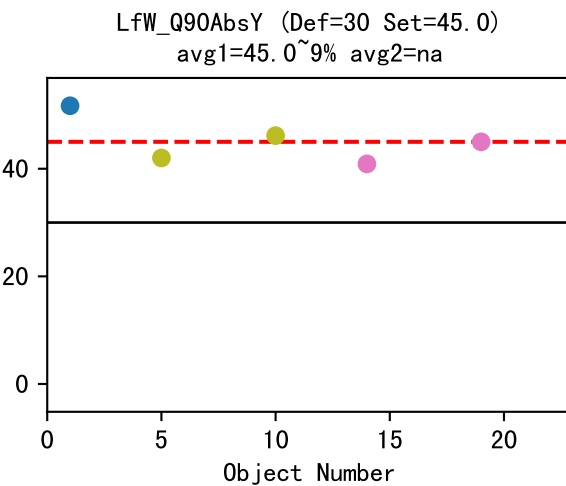
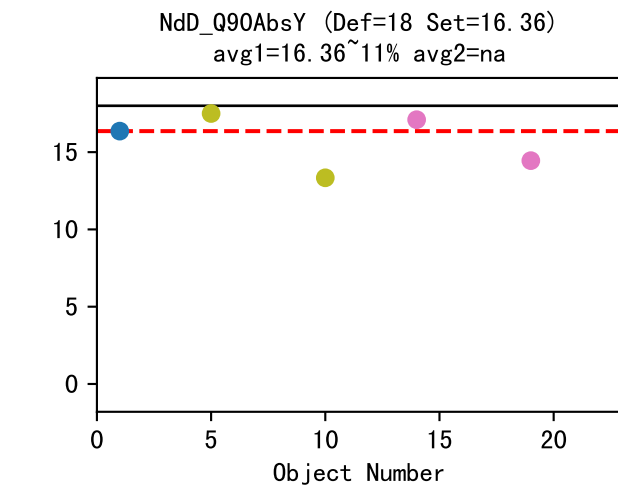
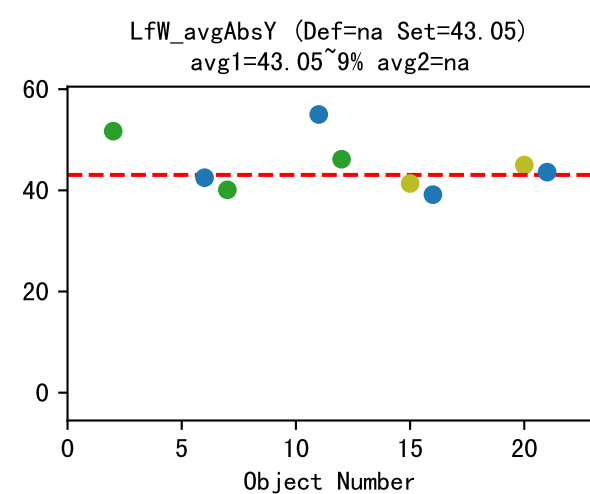
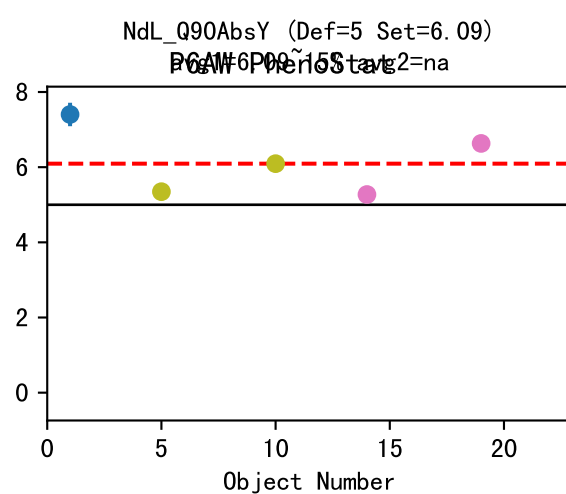
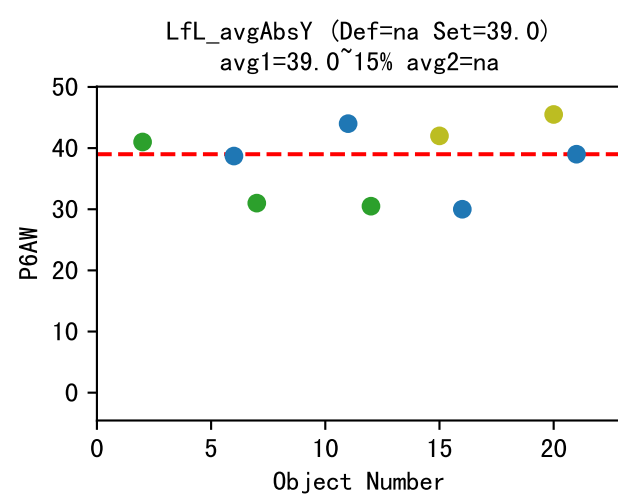
P6AW TrimFruit



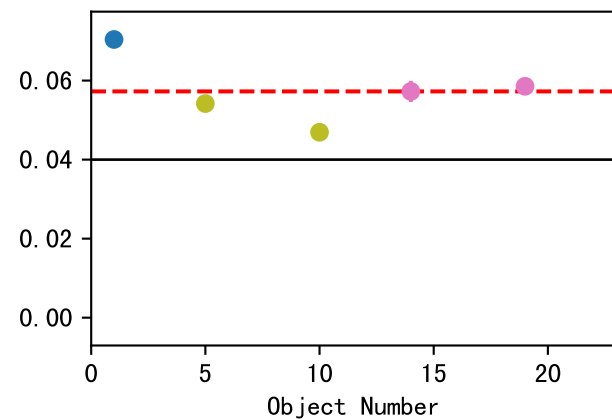
FruitNumMaxPerTruss (Def=na Set=6)

avg1=6.0~0% avg2=na

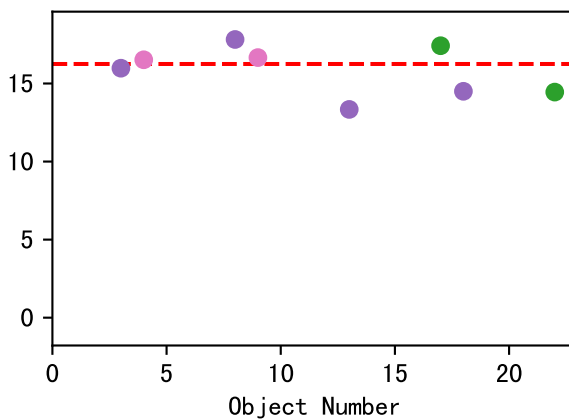




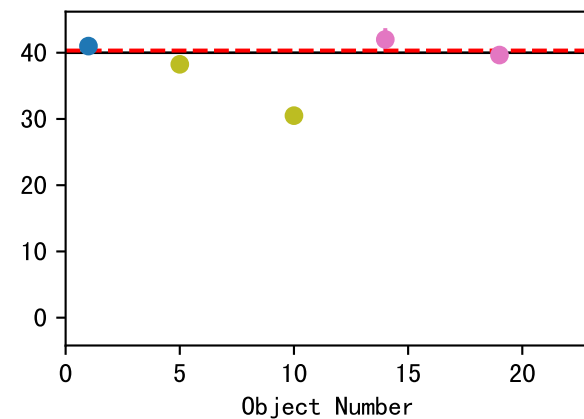
LfA_Q90AbsY (Def=0.04 Set=0.04)
avg1=0.06~4% avg2=na



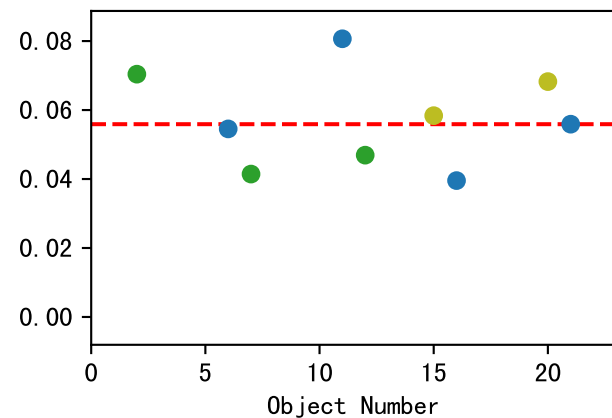
NdD_avgAbsY (Def=na Set=16.25)
avg1=16.25~18% avg2=na



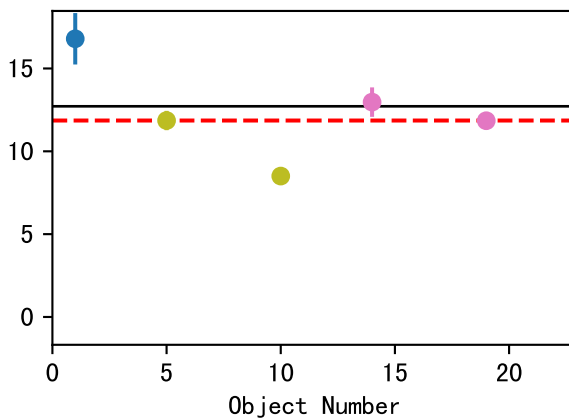
LfL_Q90AbsY (Def=40 Set=40.33)
avg1=40.33~4% avg2=na



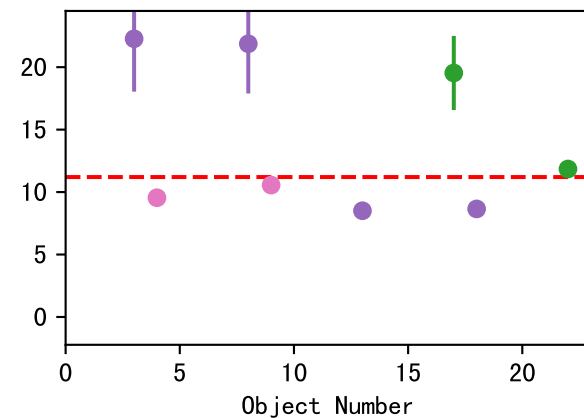
LfA_avgAbsY (Def=na Set=0.06)
avg1=0.06~25% avg2=na



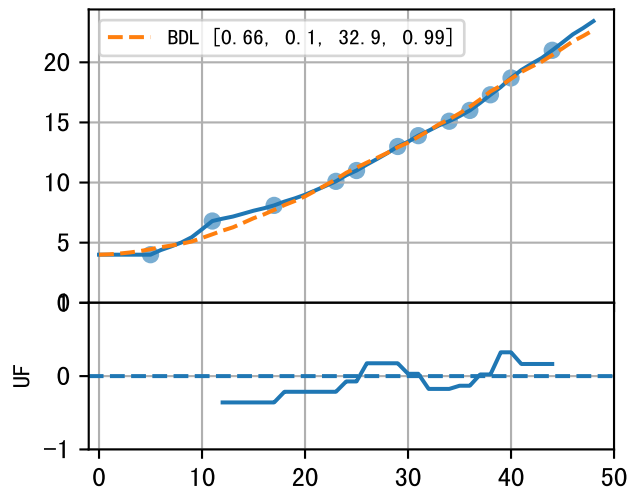
NdV_Q90AbsY (Def=12.72 Set=12.72)
avg1=11.86~5% avg2=na



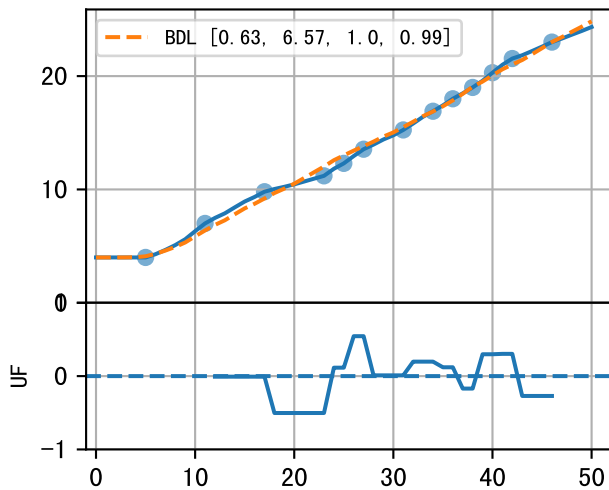
NdV_avgAbsY (Def=na Set=11.2)
avg1=11.2~54% avg2=na



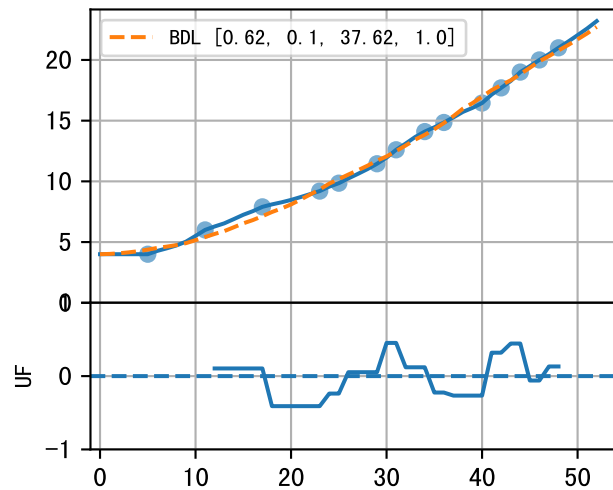
P6AW-058-22 (fit failed)



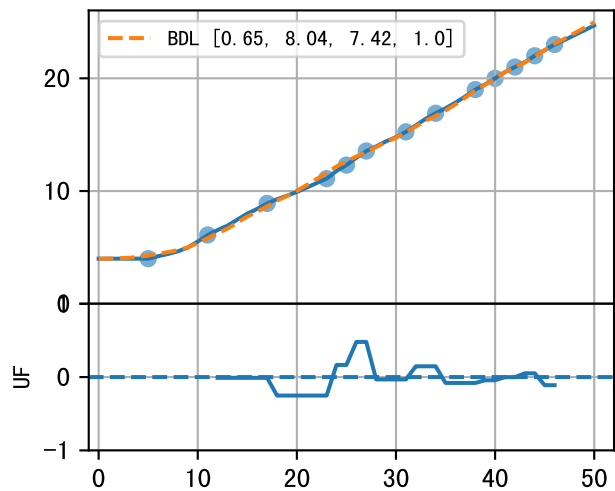
P6AW-074-19 (fit failed)



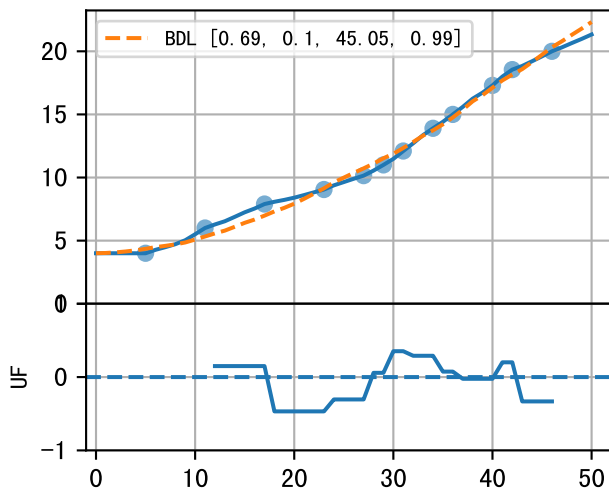
P6AW-087-14 (fit failed)



P6AW-095-29 (fit failed)



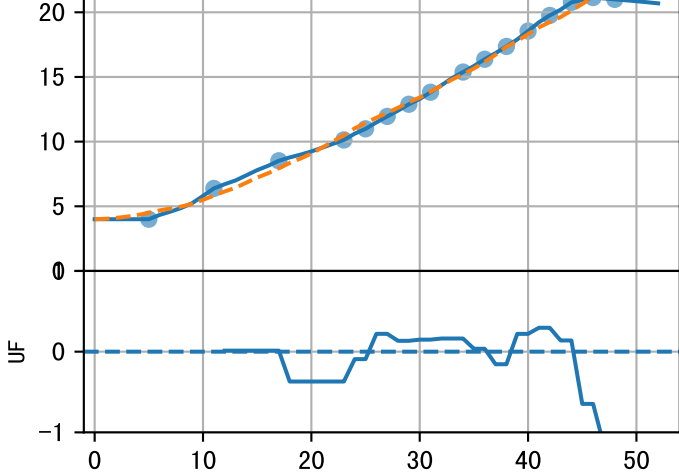
P6AW-106-11 (fit failed)



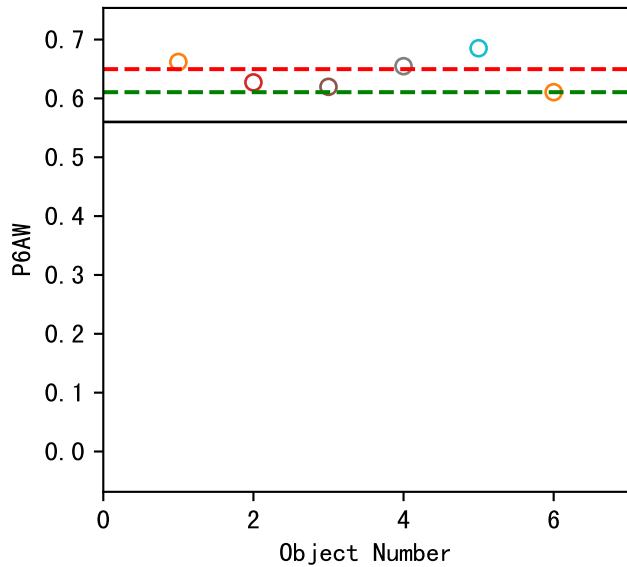
P6AWavg (fit failed)

NdN

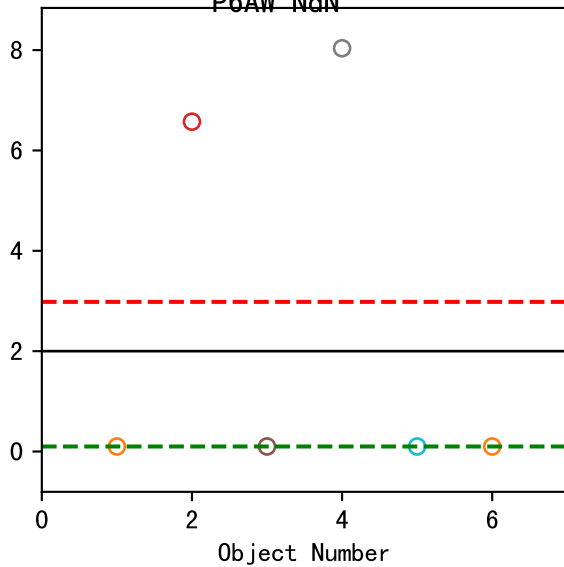
BDL [0.61, 0.1, 27.47, 0.99]



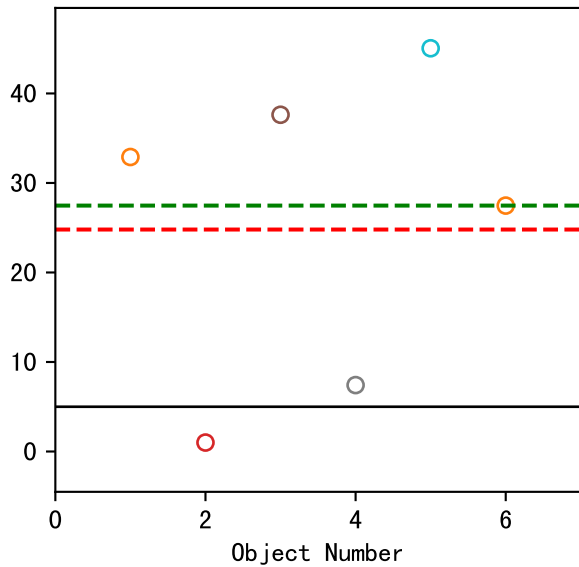
a (Def=0.56 Set=0.61)
avg1=0.65(fail) avg2=0.61



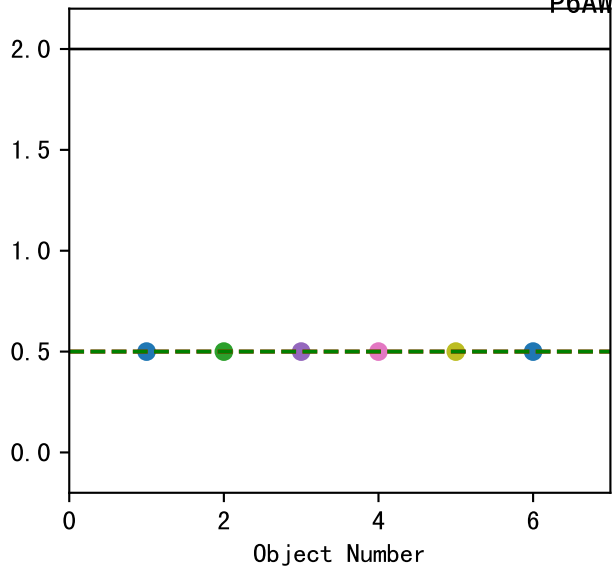
dm (Def=2 Set=0.1)
avg1=2.98(fail) avg2=0.1



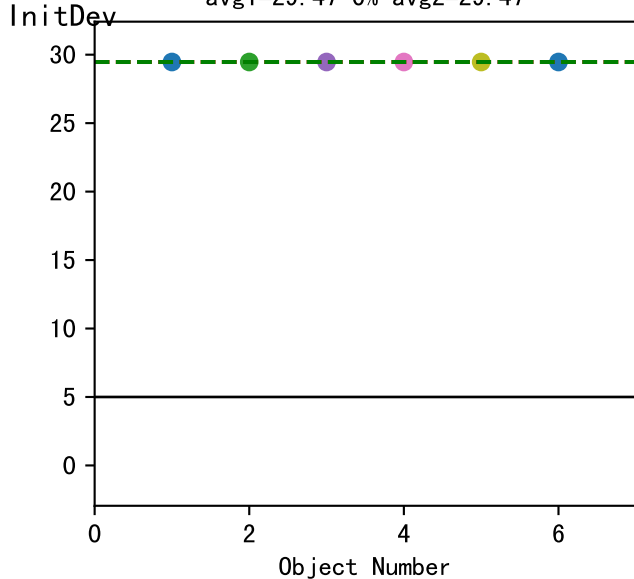
de (Def=5 Set=27.47)
avg1=24.8(fail) avg2=27.47



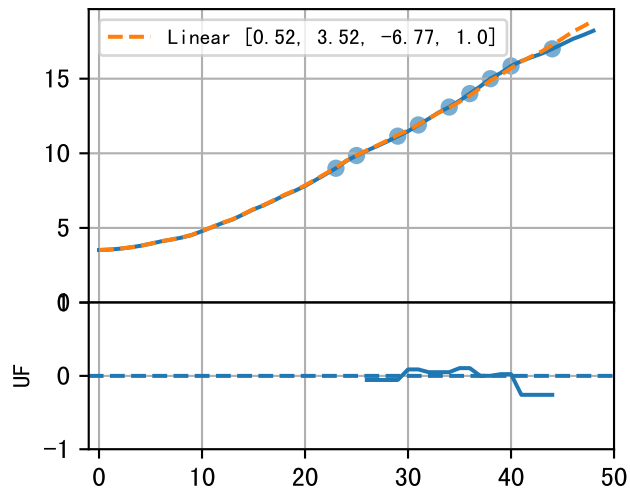
InitDev_dm (Def=2 Set=0.5)
avg1=0.5~0% avg2=0.5



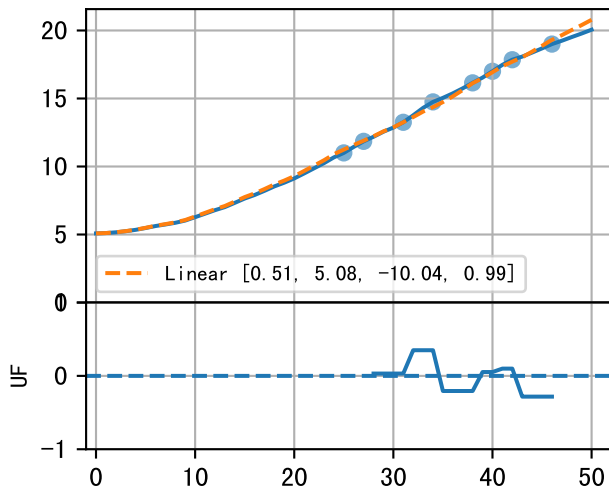
InitDev_de (Def=5 Set=29.47)
avg1=29.47~0% avg2=29.47



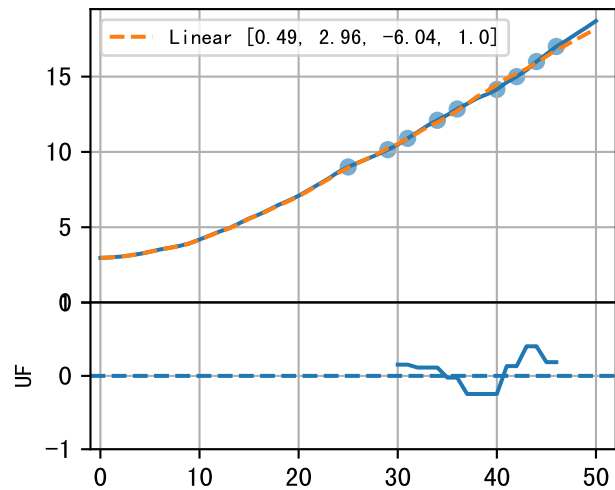
P6AW-058-22



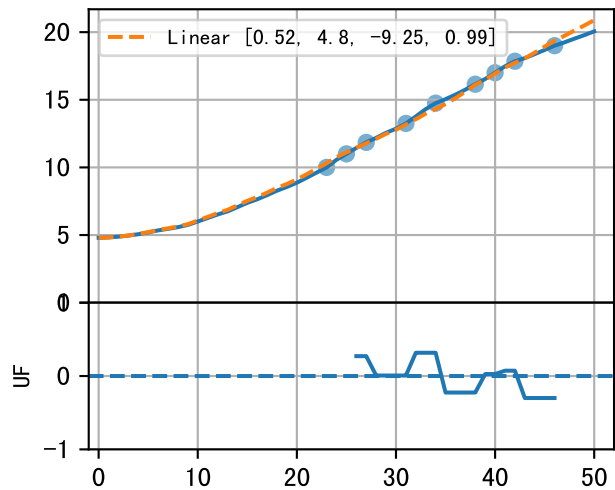
P6AW-074-9



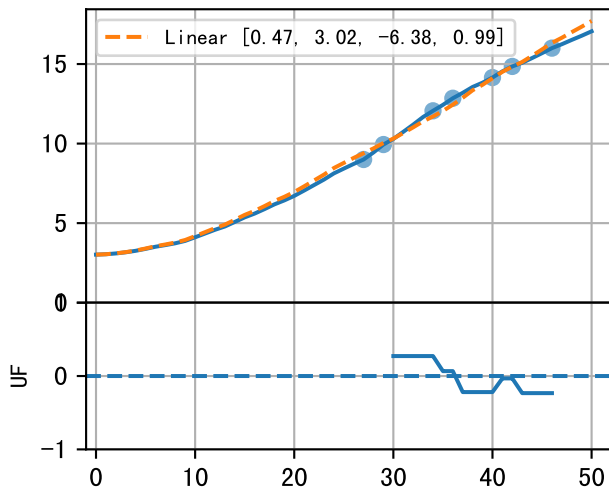
P6AW-087-14



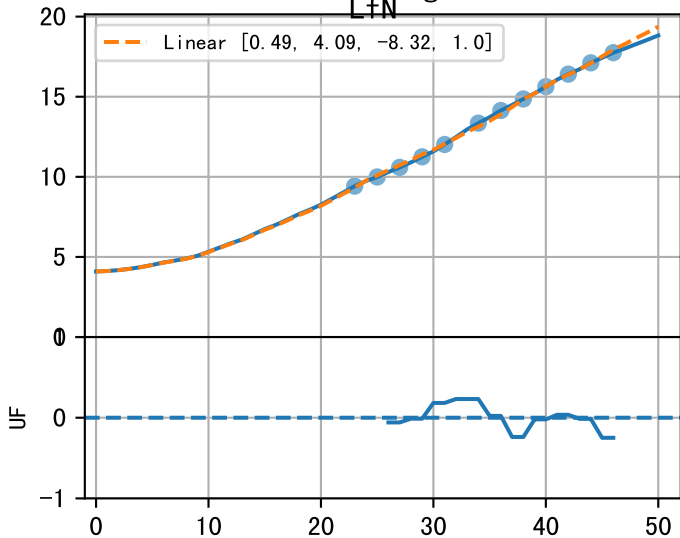
P6AW-095-29



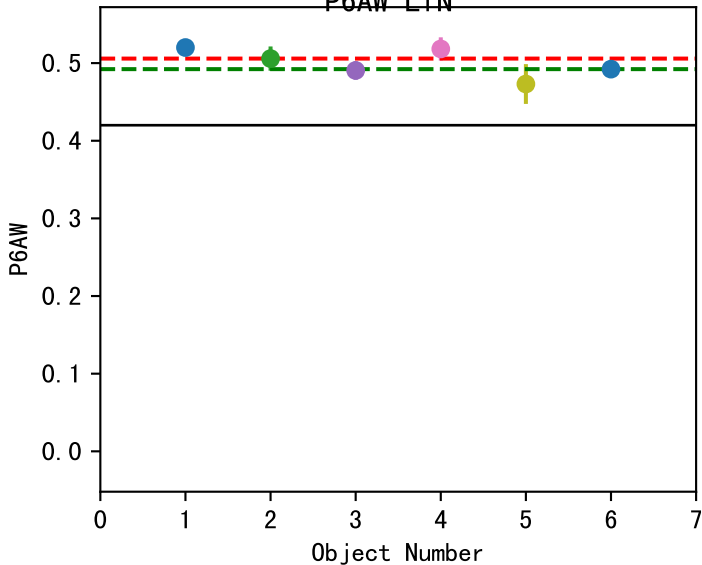
P6AW-106-11



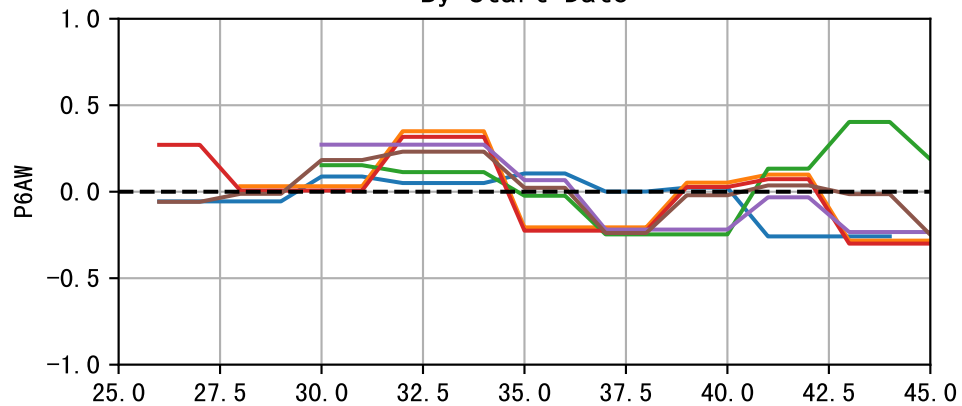
P6AWavg
Lfn



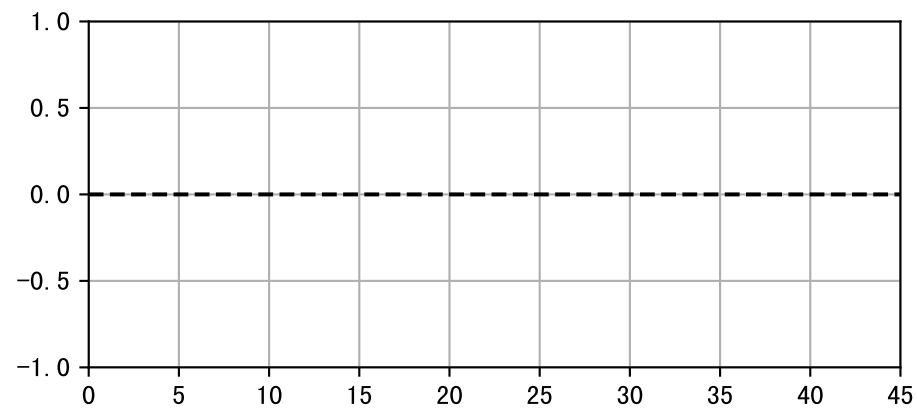
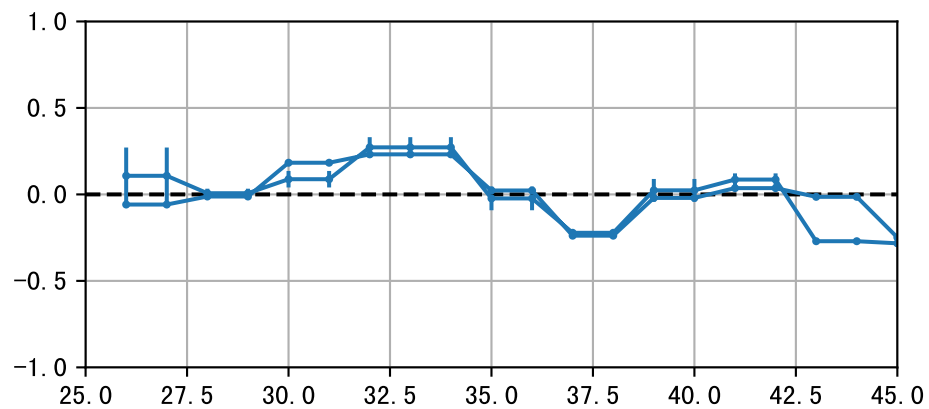
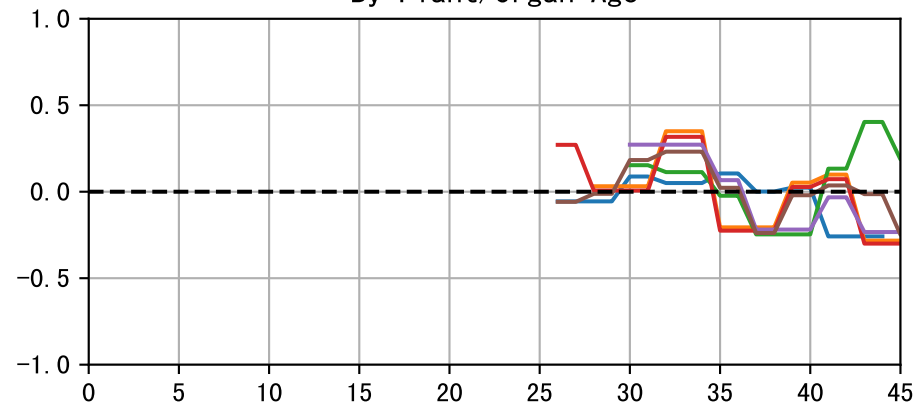
a (Def=0.42 Set=0.49)
avg1=0.51 $\sim$ 4% avg2=0.49 $\sim$ 3%
P6AW LFN



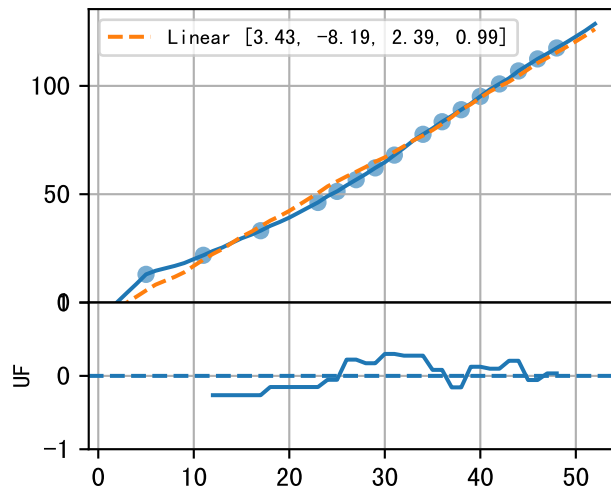
By Start Date



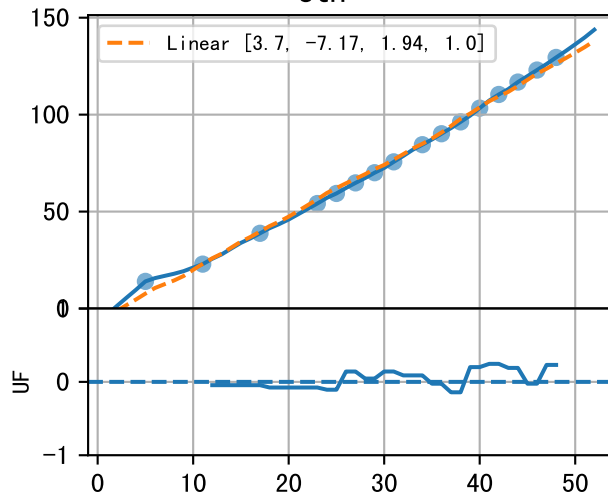
By Plant/Organ Age



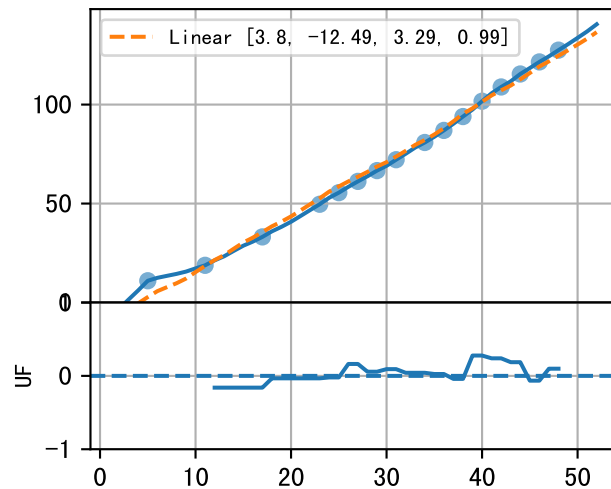
P6AW-058-22



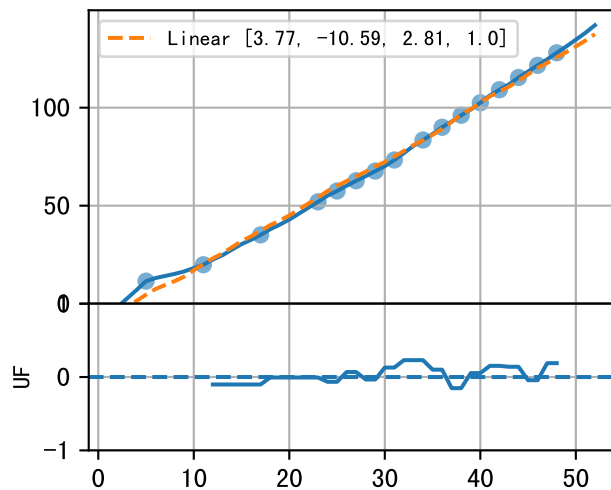
P6AW-074-9



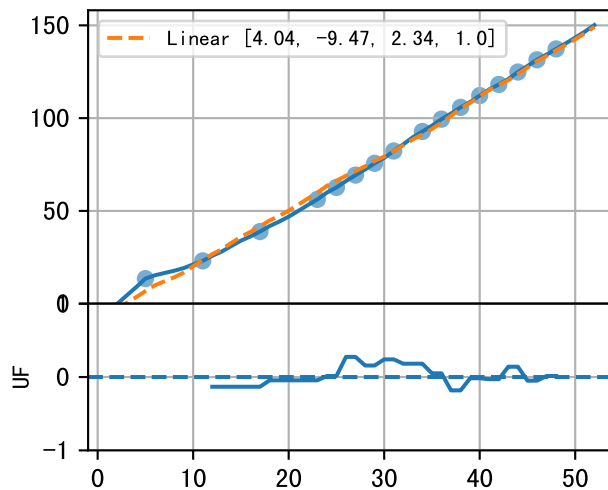
P6AW-087-14



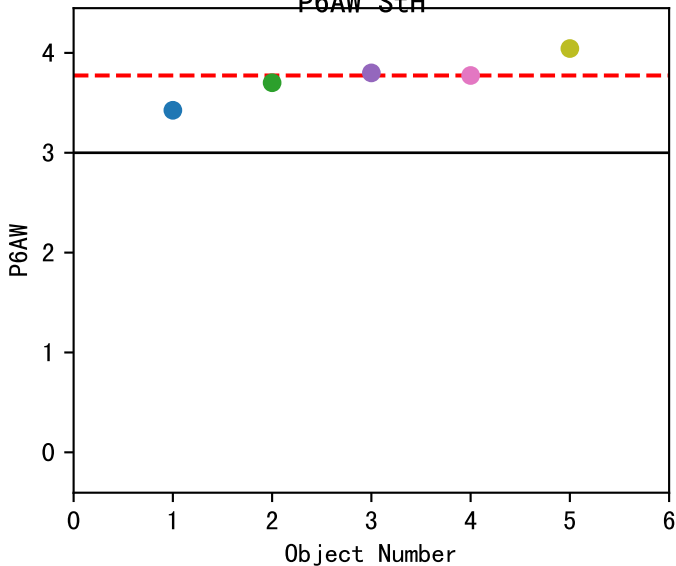
P6AW-095-29



P6AW-106-11

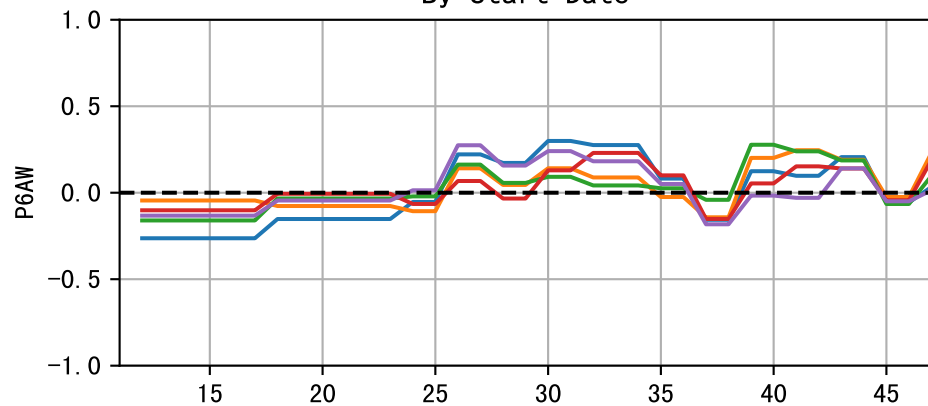


a (Def=3 Set=3.77)
avg1=3.77~1% avg2=na

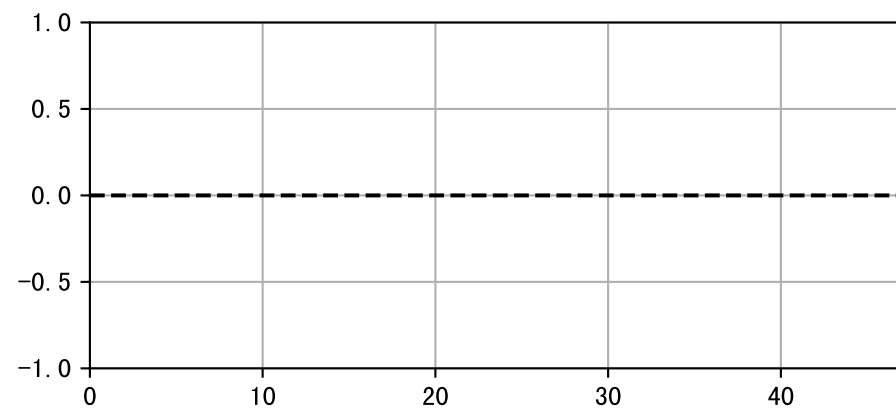
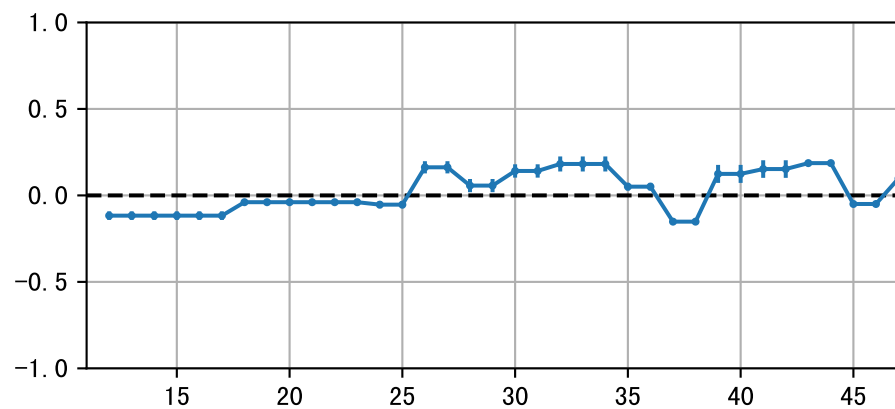
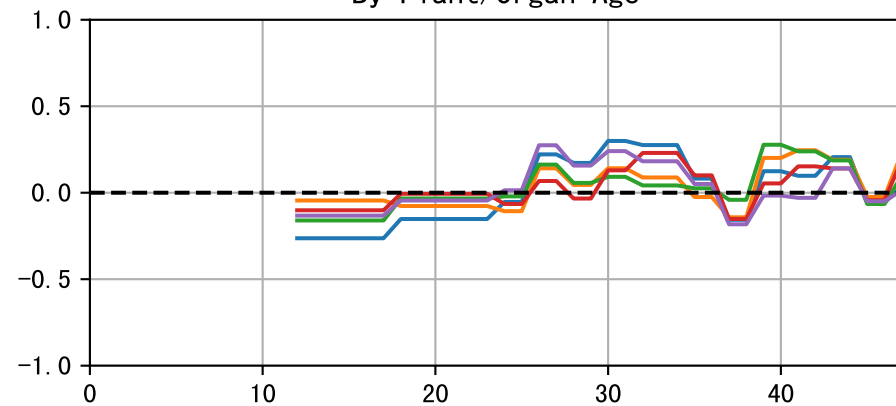


StH

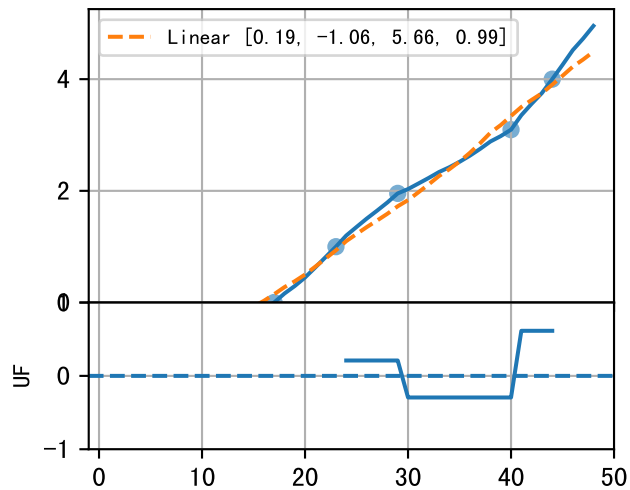
By Start Date



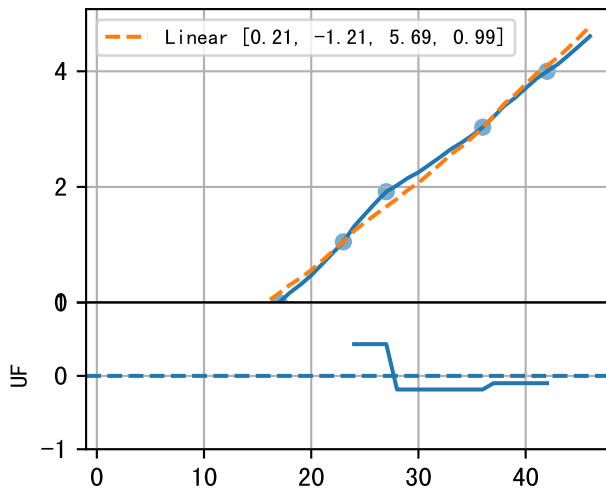
By Plant/Organ Age



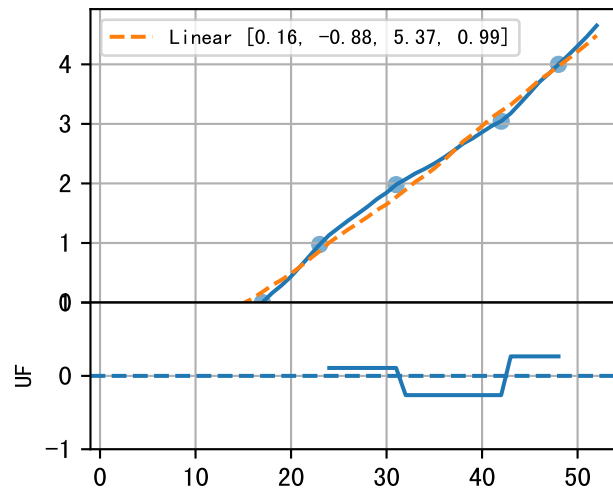
P6AW-058-22



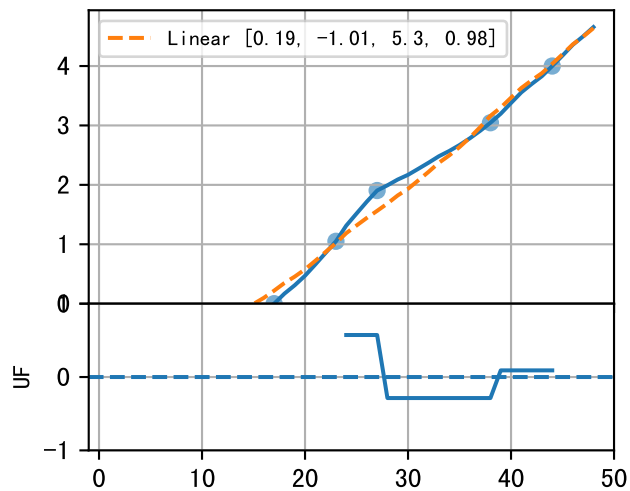
P6AW-074-9



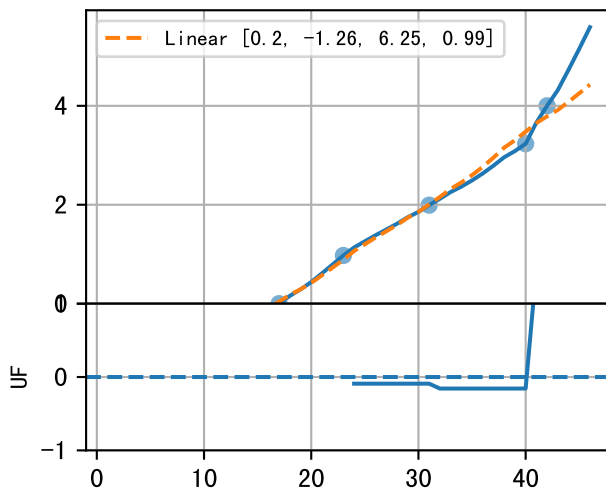
P6AW-087-14



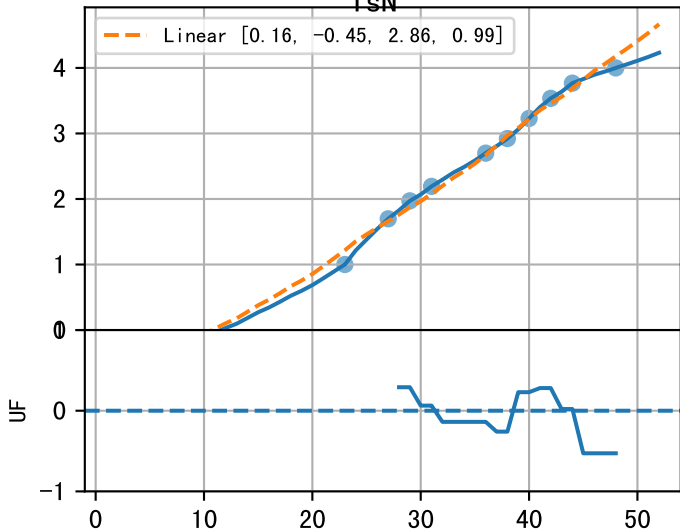
P6AW-095-29



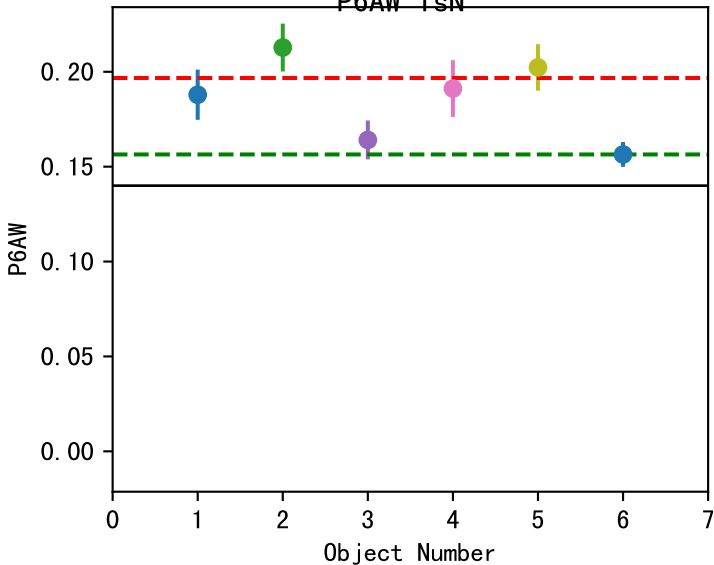
P6AW-106-11



P6AWavg
TSN

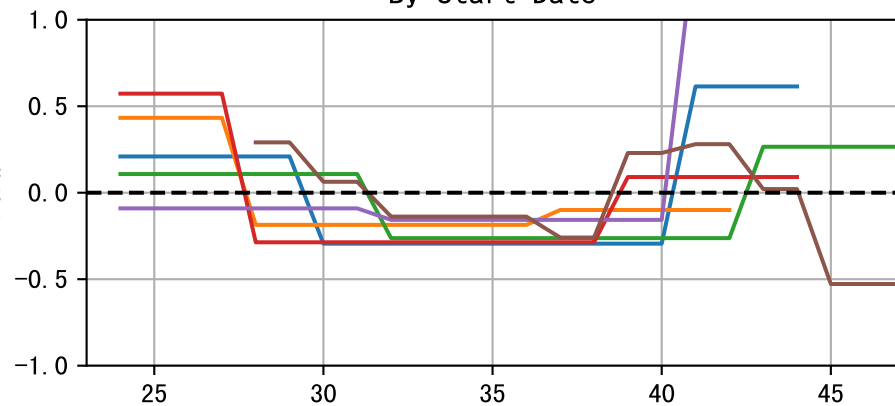


a (Def=0.14 Set=0.16)
avg1=0.2~6% avg2=0.16~8%

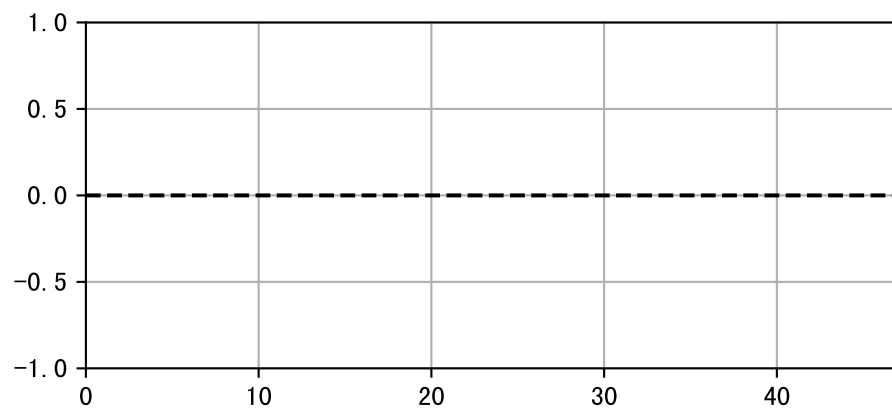
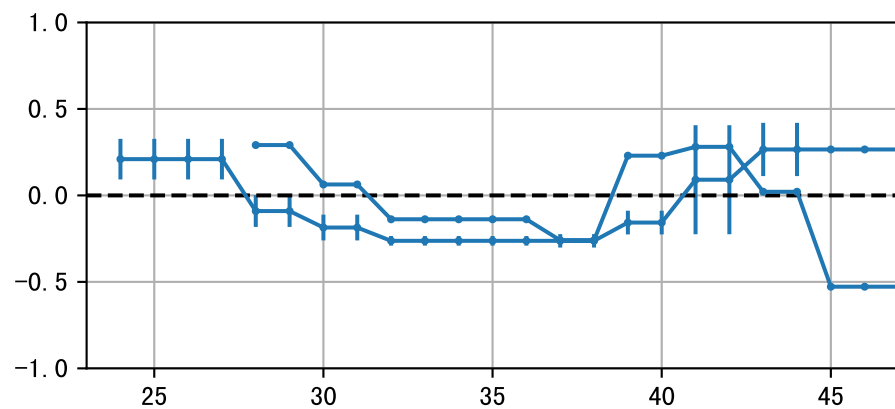
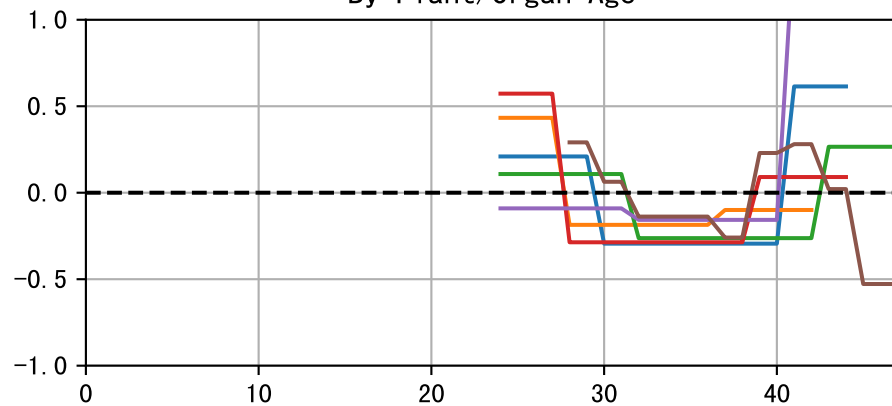


TsN

By Start Date

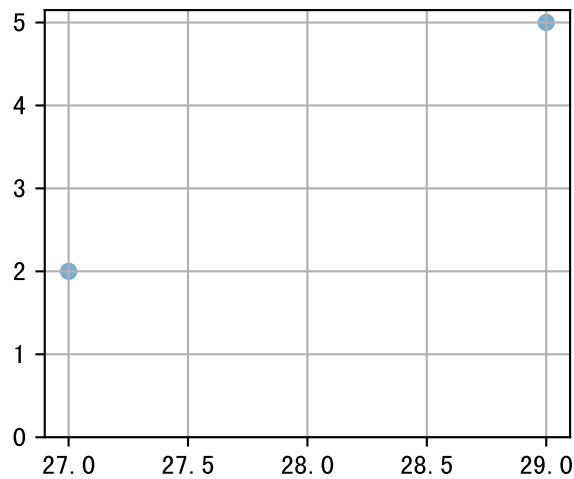


By Plant/Organ Age

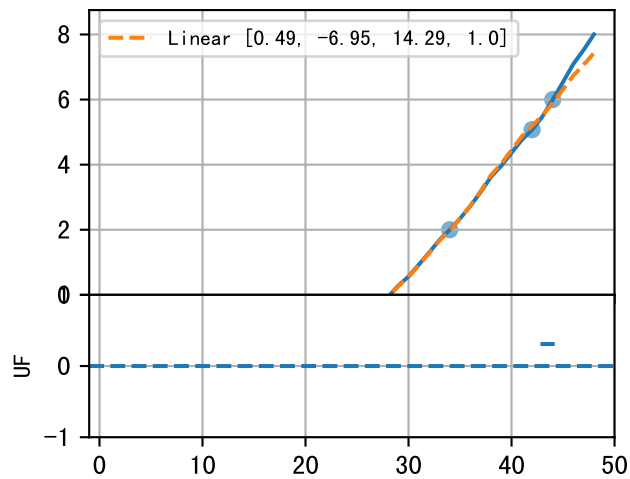


FrN

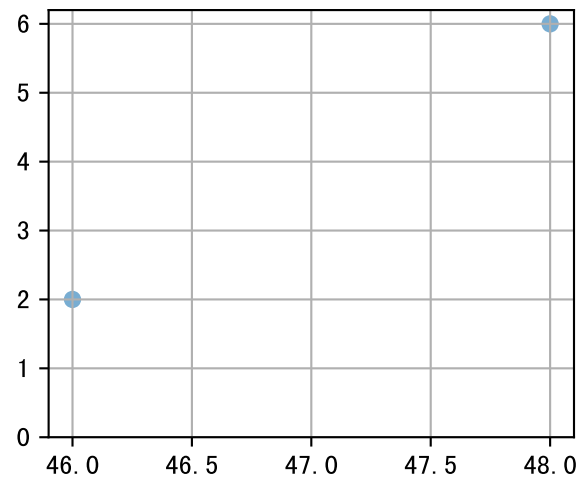
P6AW-058-22T1 (fit failed)



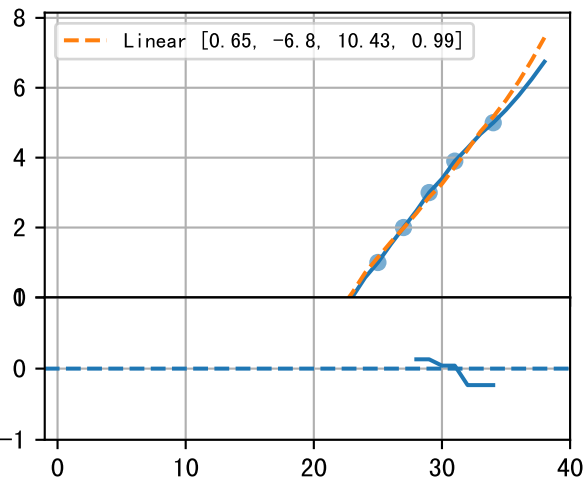
P6AW-058-22T2



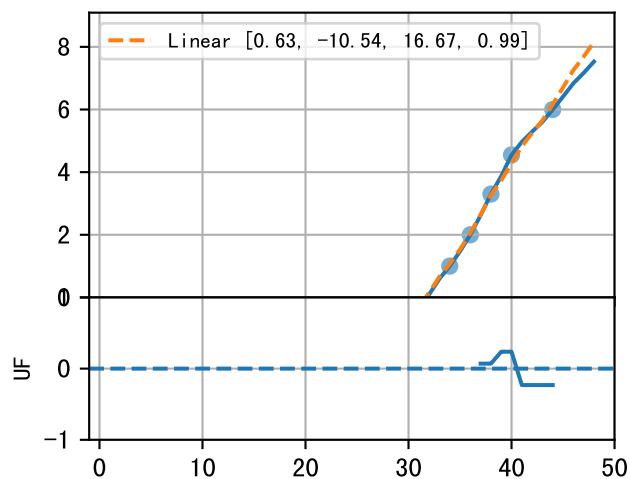
P6AW-058-22T3 (fit failed)



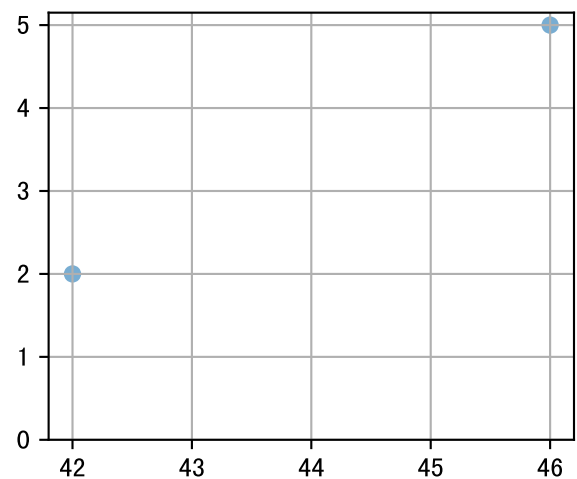
P6AW-074-9T1



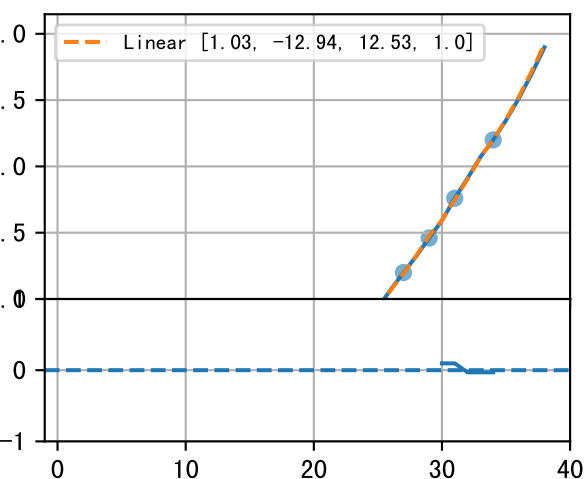
P6AW-074-9T2



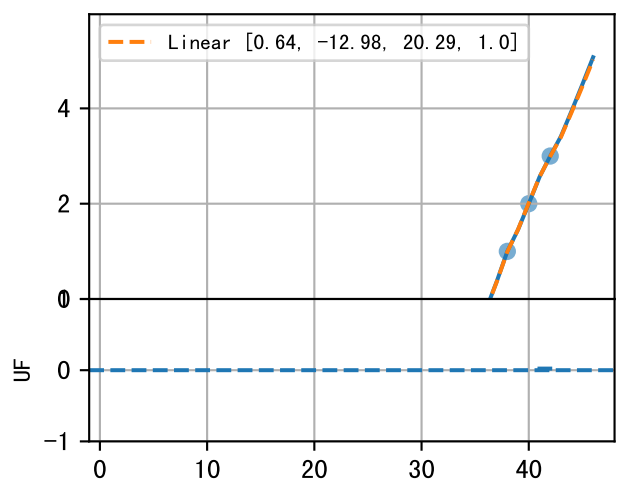
P6AW-074-9T3 (fit failed)



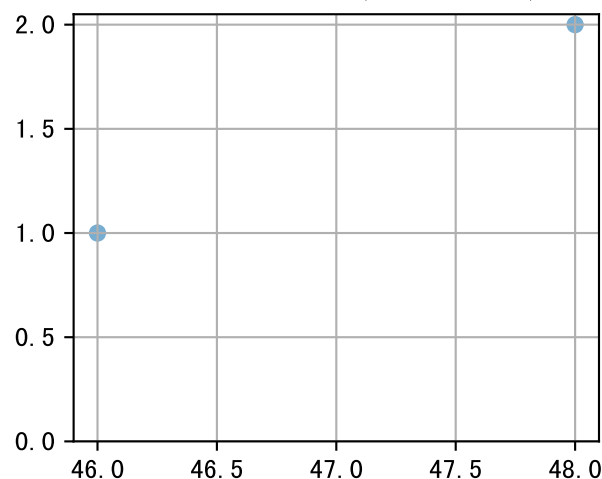
P6AW-087-14T1



P6AW-087-14T2

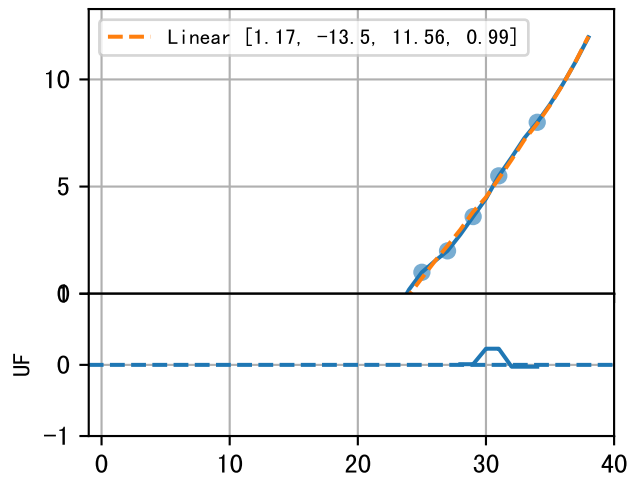


P6AW-087-14T3 (fit failed)

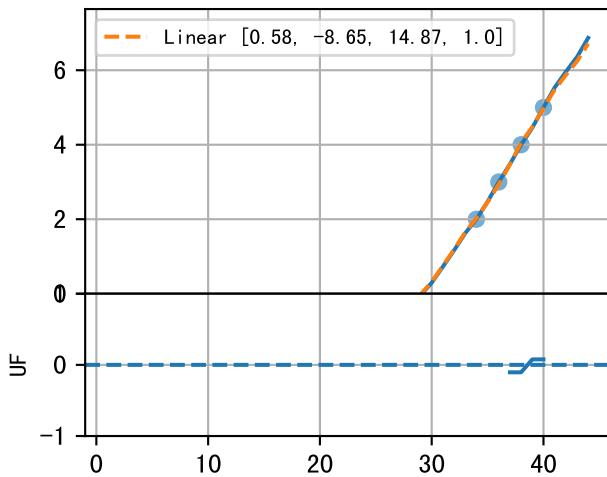


FrN

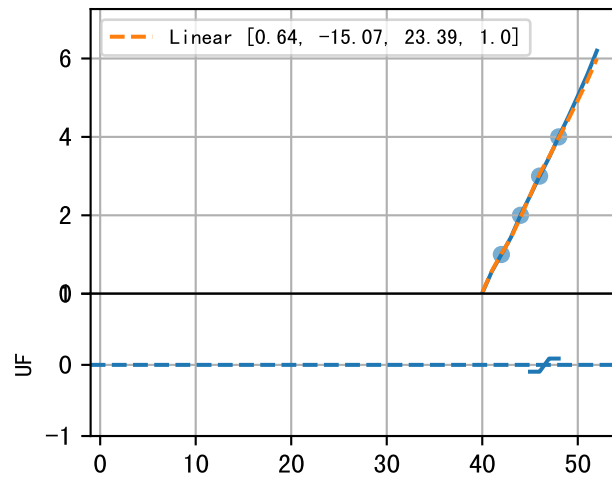
P6AW-095-29T1



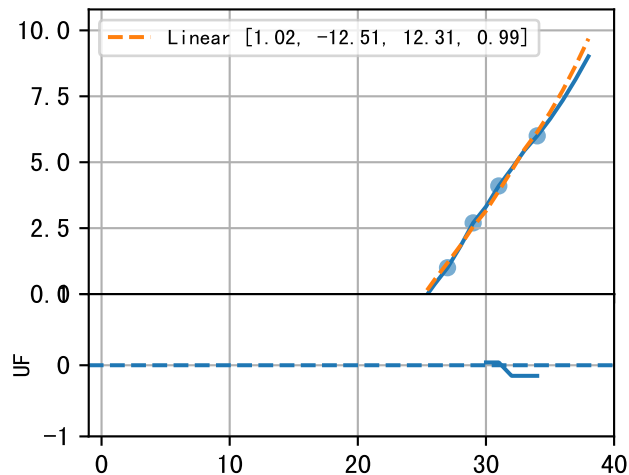
P6AW-095-29T2



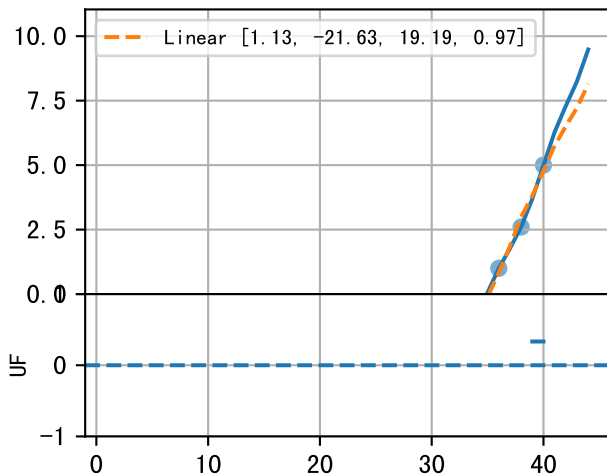
P6AW-095-29T3



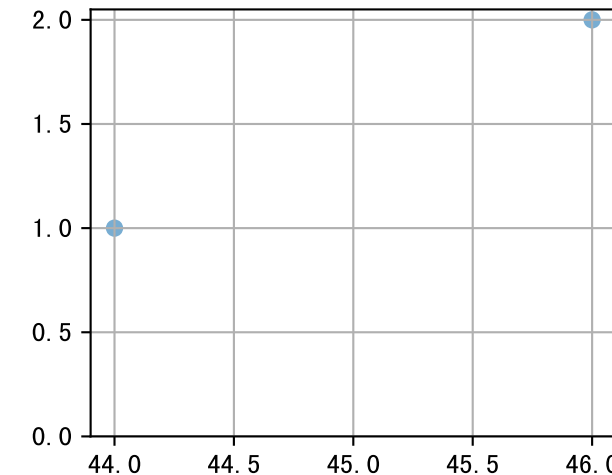
P6AW-106-11T1



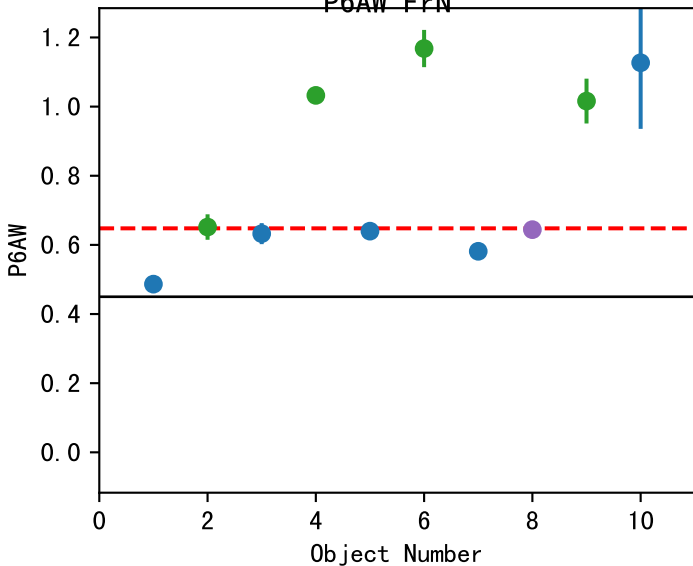
P6AW-106-11T2



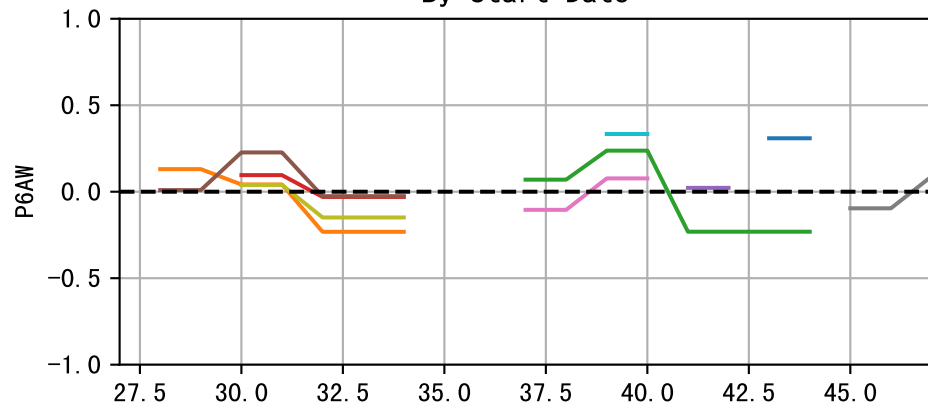
P6AW-106-11T3 (fit failed)



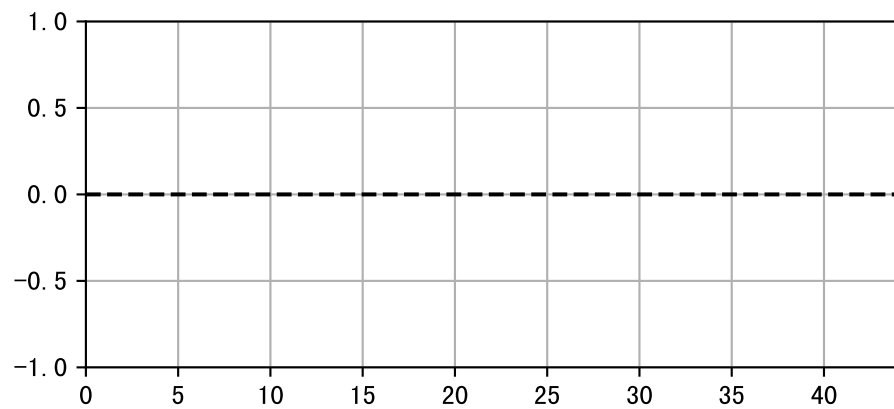
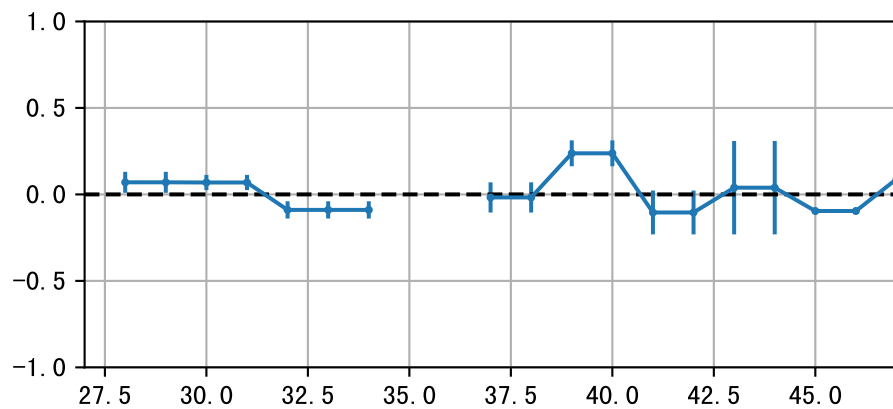
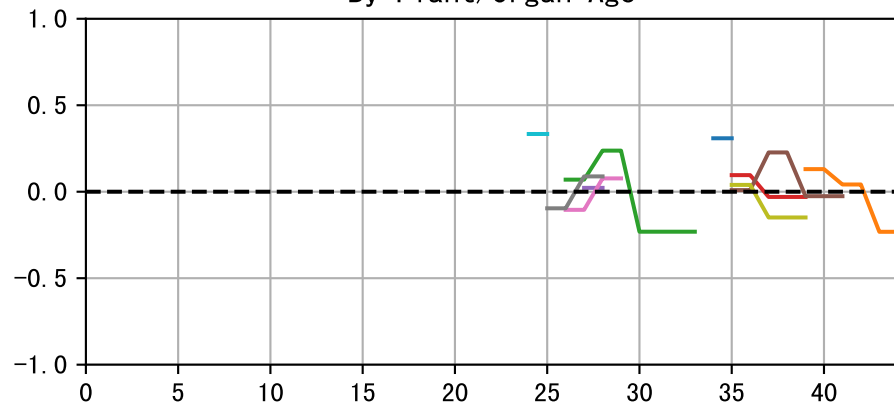
a (Def=0.45 Set=0.65)
avg1=0.65~39% avg2=na



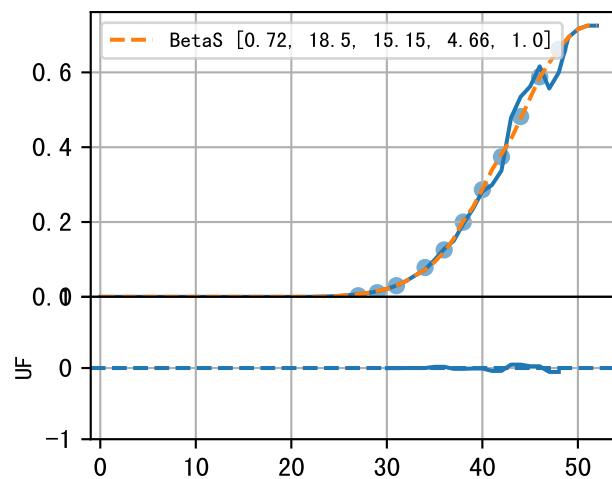
By Start Date



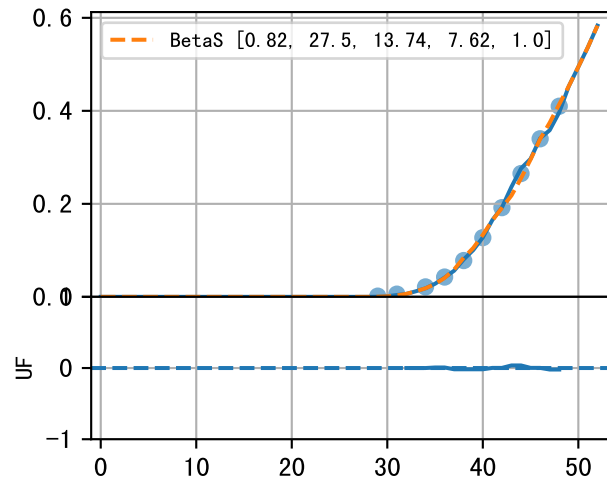
By Plant/Organ Age



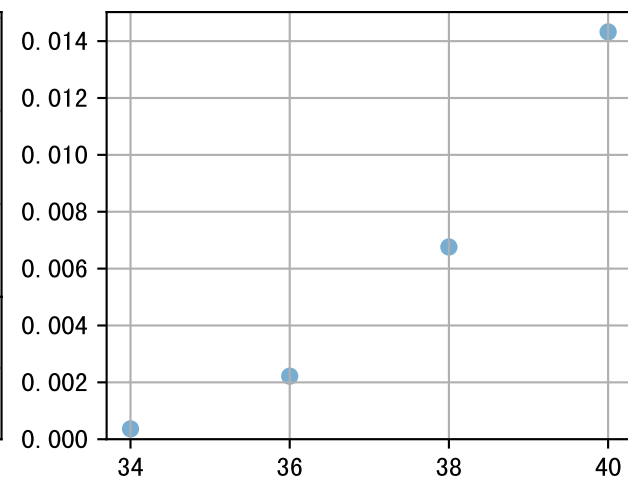
P6AW-058-22T1Fr1



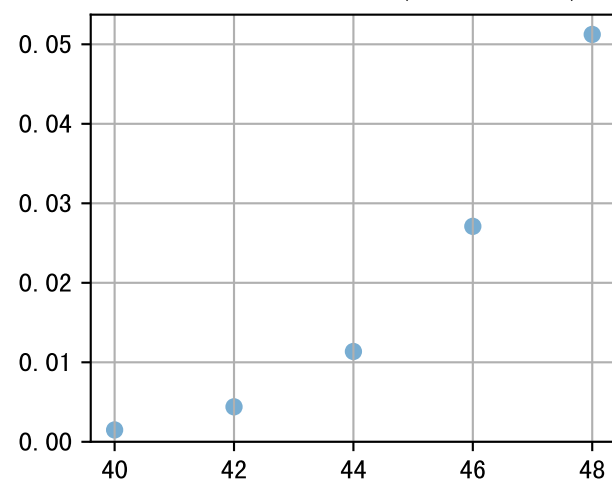
P6AW-058-22T1Fr5



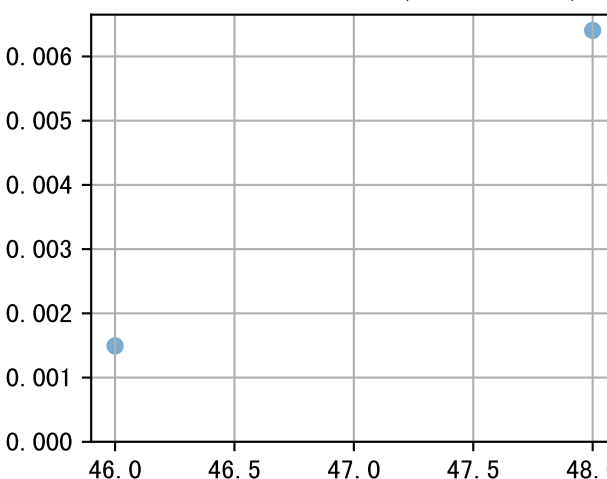
P6AW-058-22T2Fr1 (fit failed)



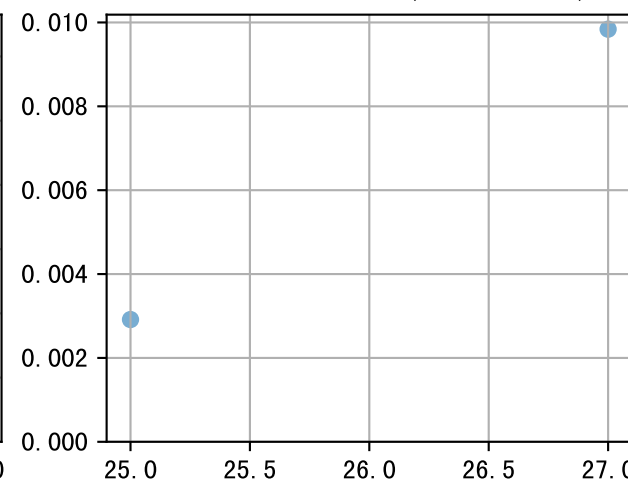
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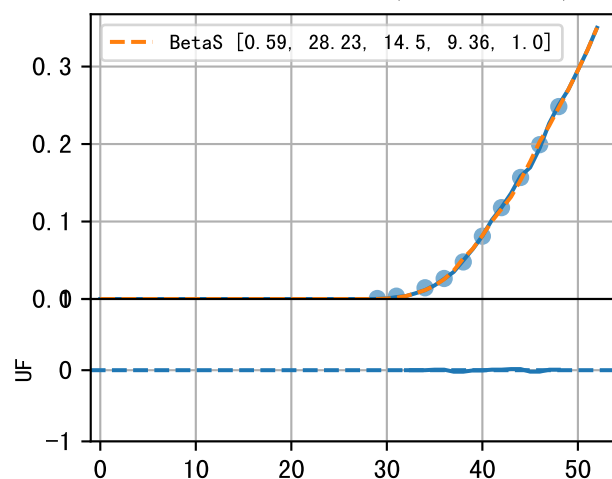
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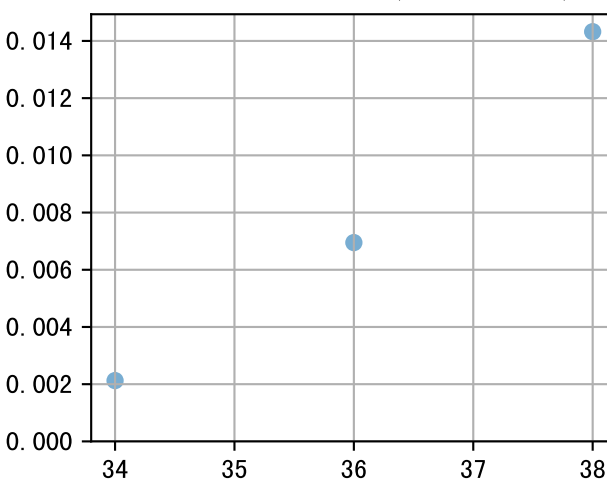
P6AW-074-9T1Fr1 (fit failed)



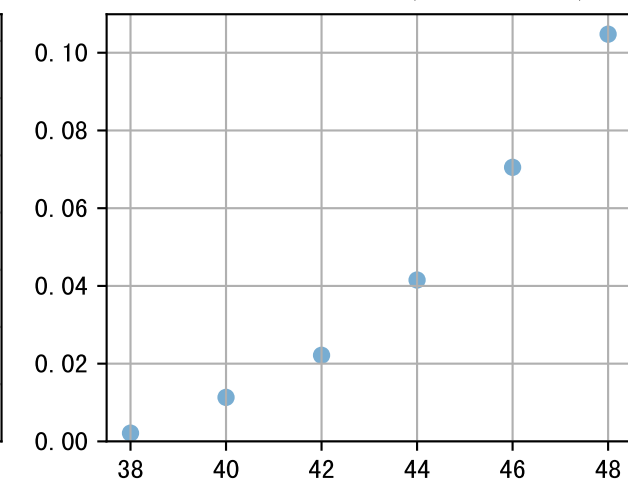
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P6AW-074-9T2Fr1 (fit failed)

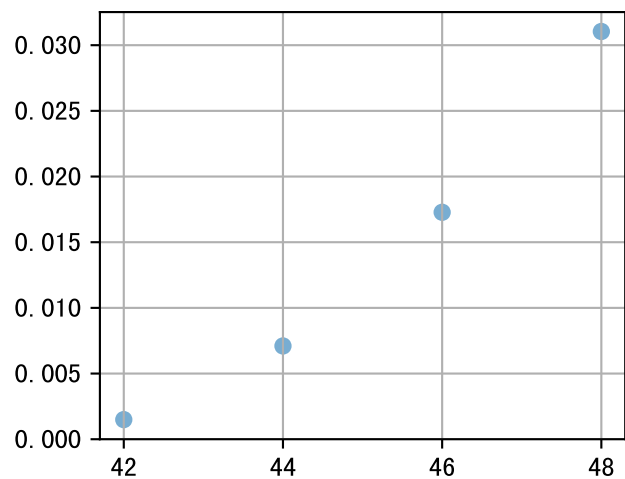


P6AW-074-9T2Fr5 (fit failed)

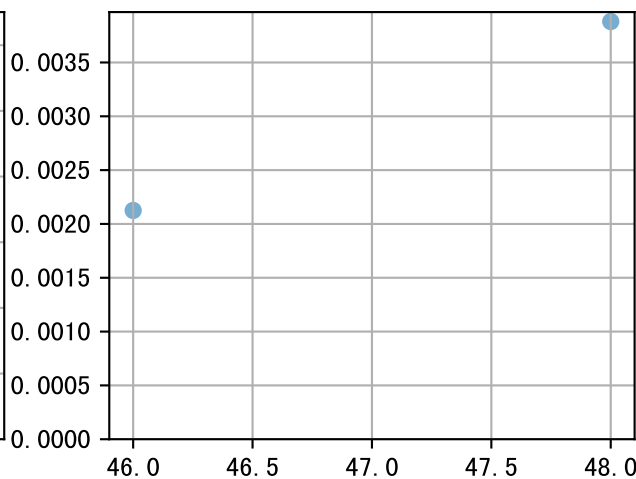


FrV

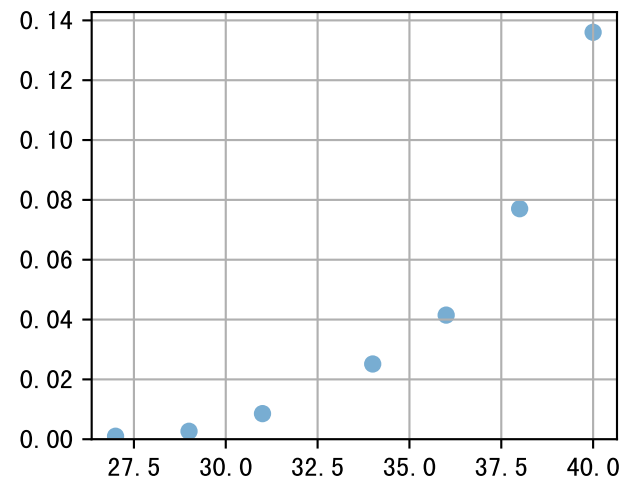
P6AW-074-9T3Fr1 (fit failed)



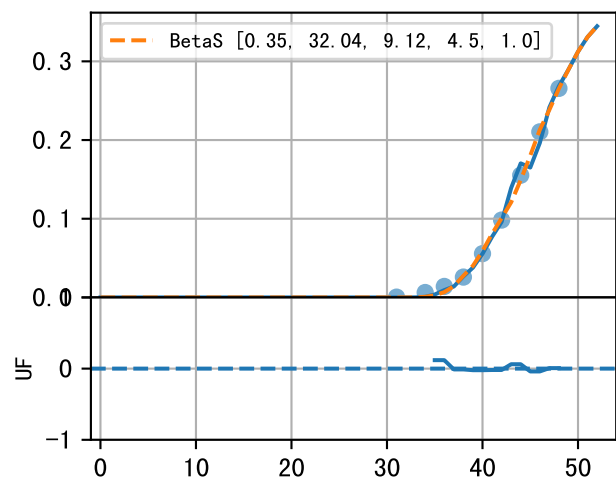
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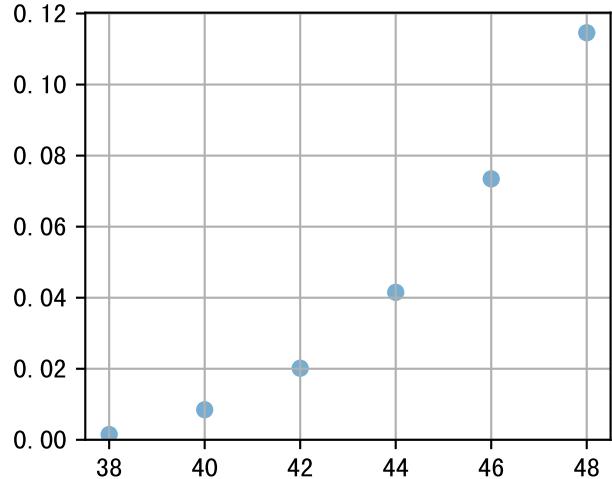
P6AW-087-14T1Fr1 (fit failed)



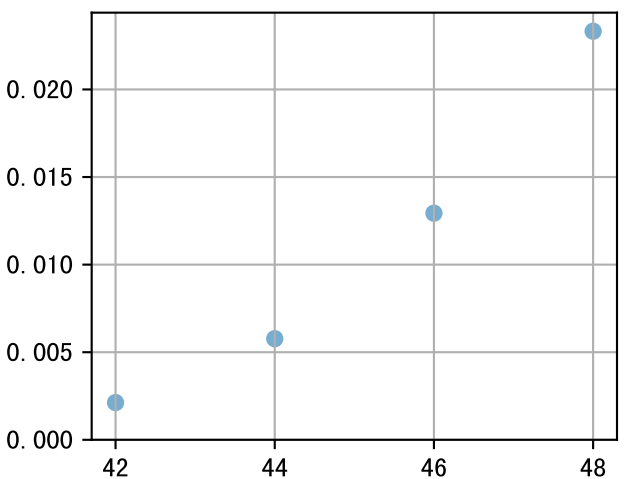
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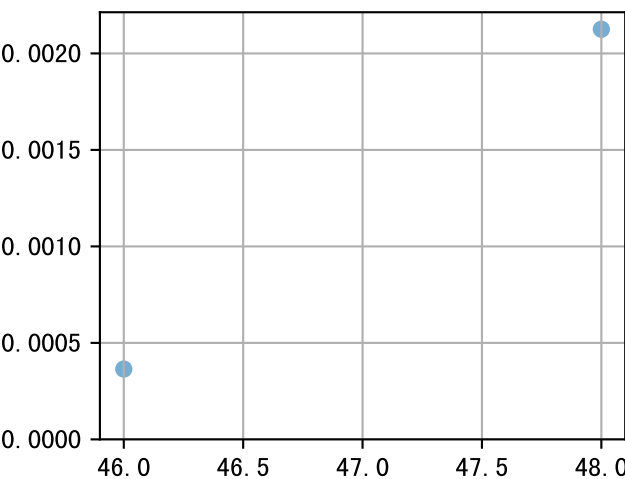
P6AW-087-14T2Fr1 (fit failed)



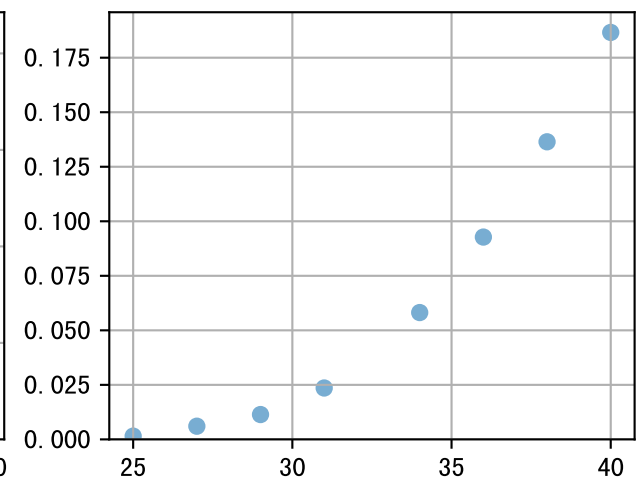
P6AW-087-14T2Fr5 (fit failed)



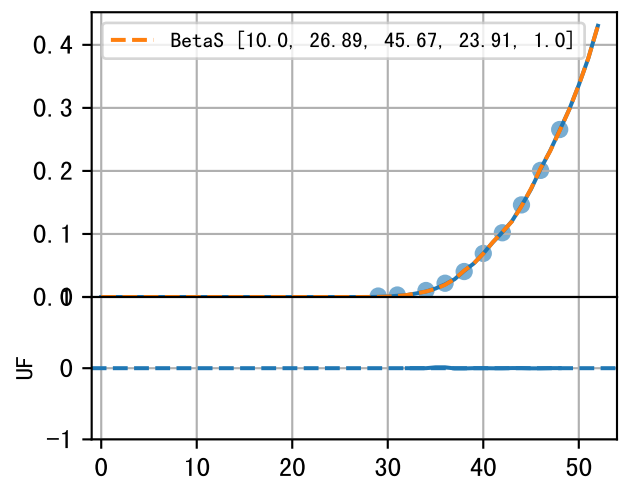
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P6AW-095-29T1Fr1 (fit failed)

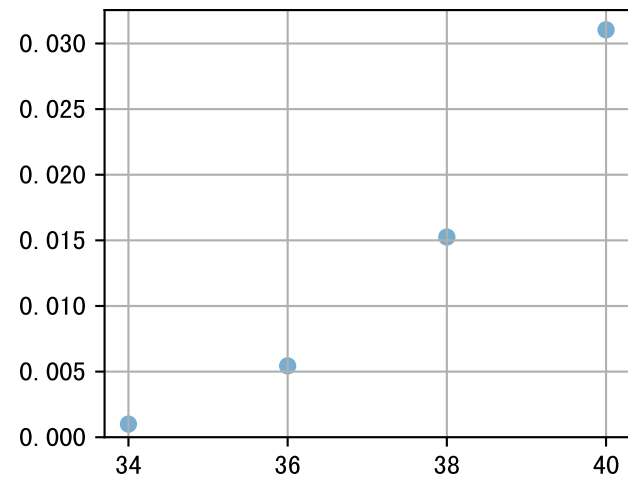


P6AW-095-29T1Fr5 (fit failed)

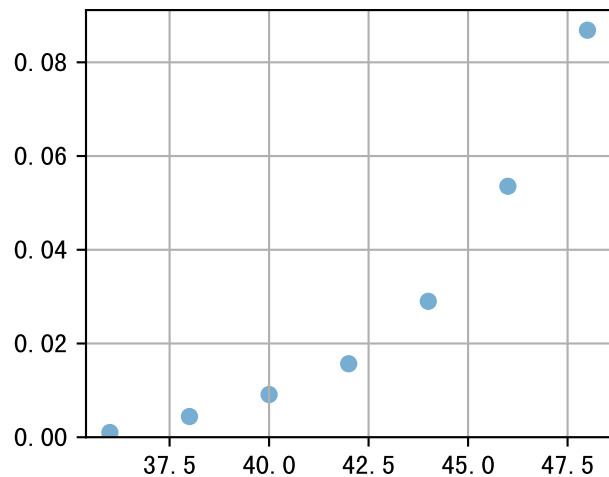


FrV

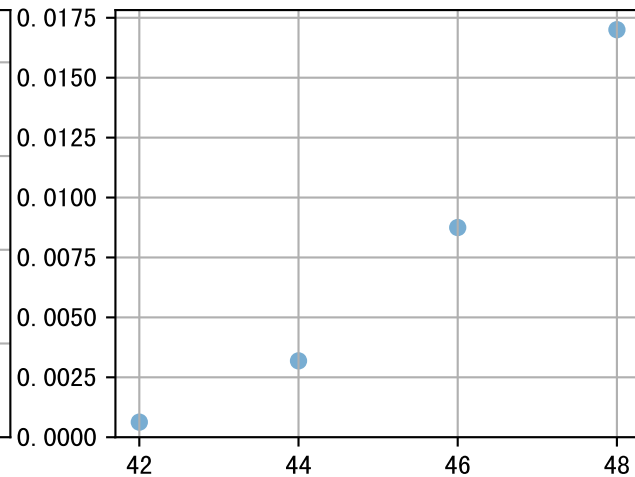
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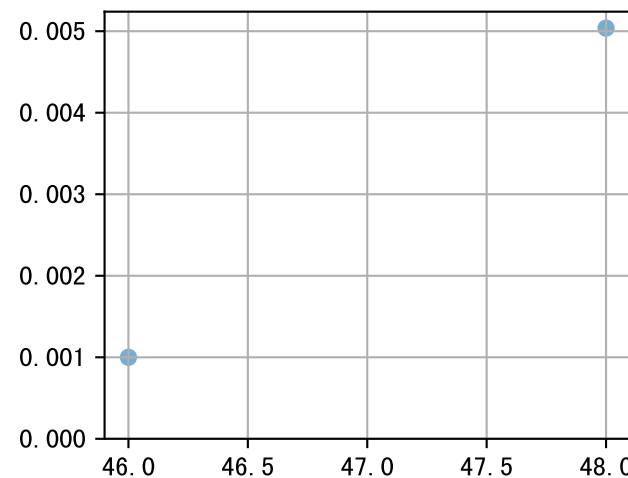
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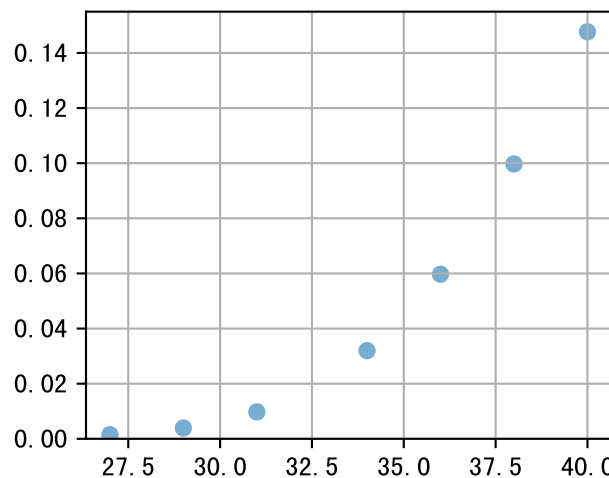
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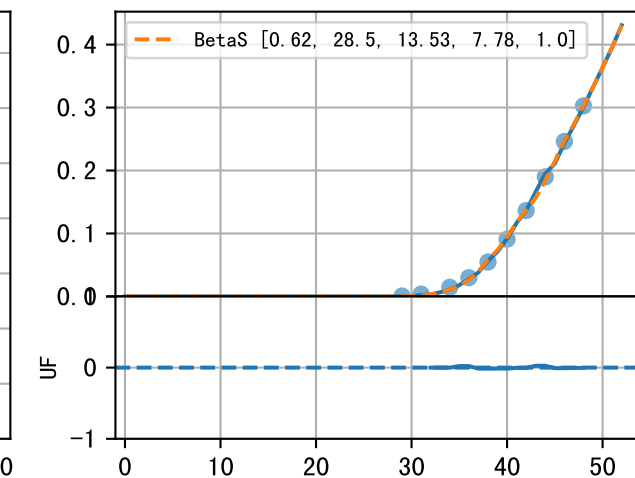
P6AW-095-29T3Fr5 (fit failed)



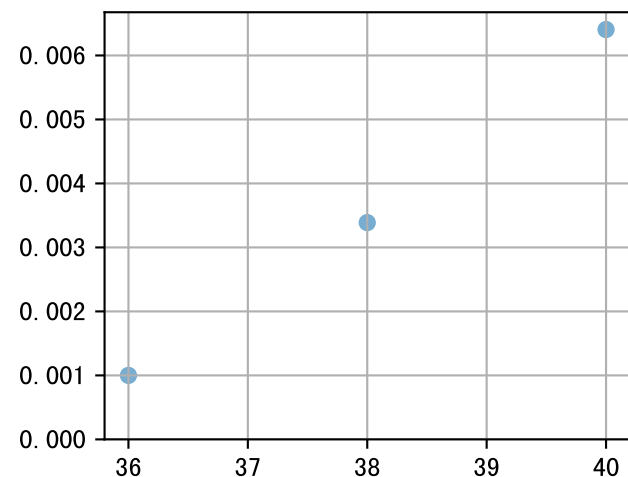
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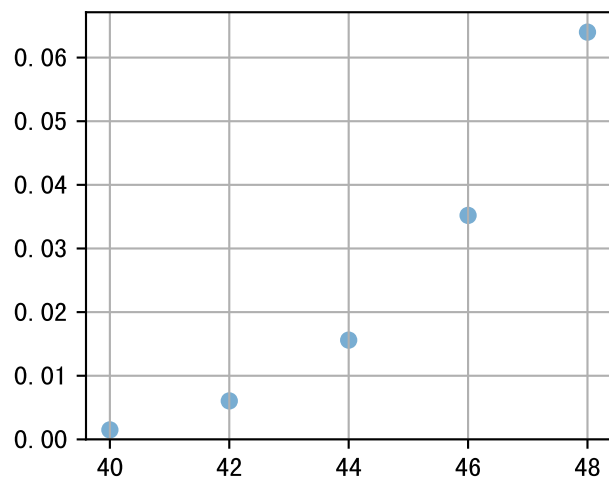
P6AW-106-11T1Fr5 (fit failed)



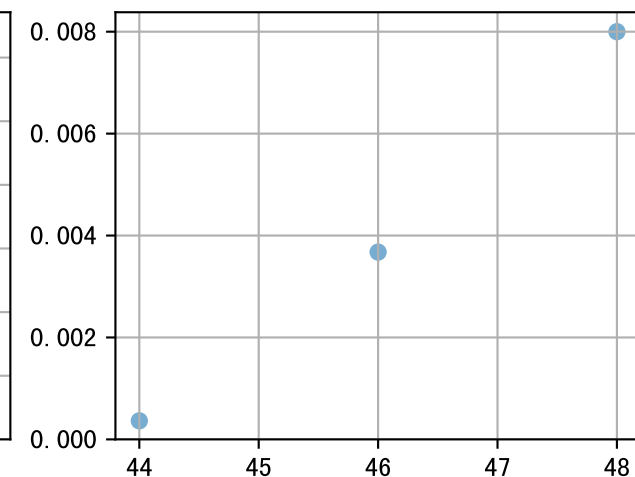
P6AW-106-11T2Fr1 (fit failed)

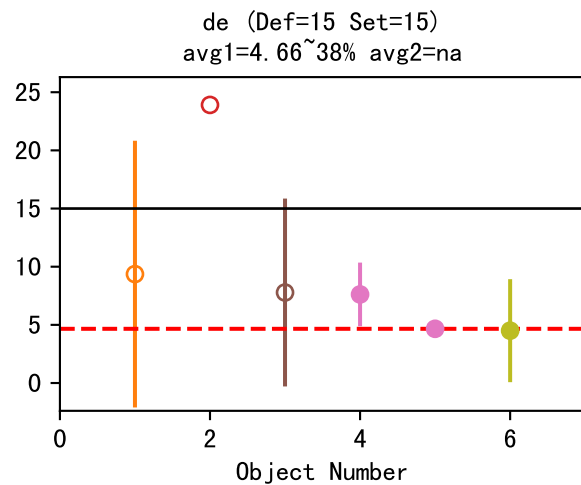
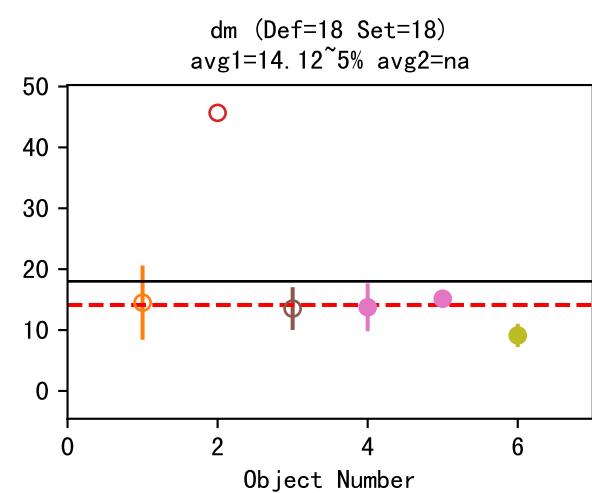
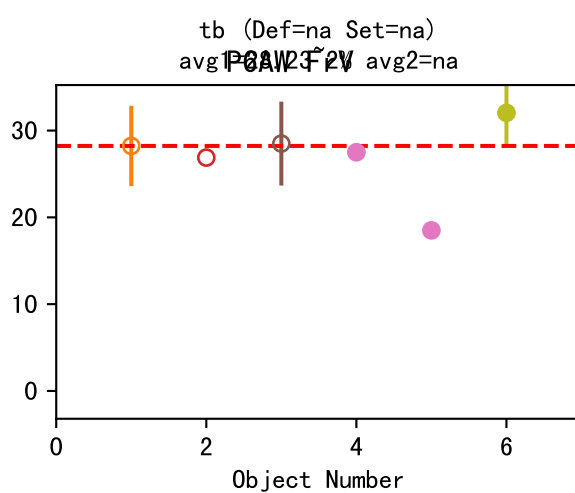
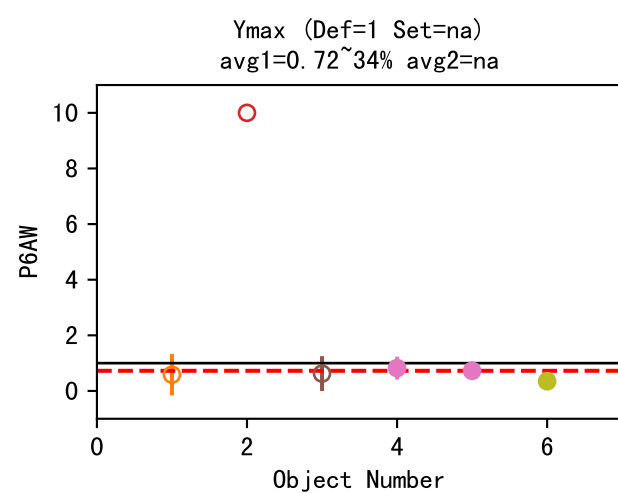


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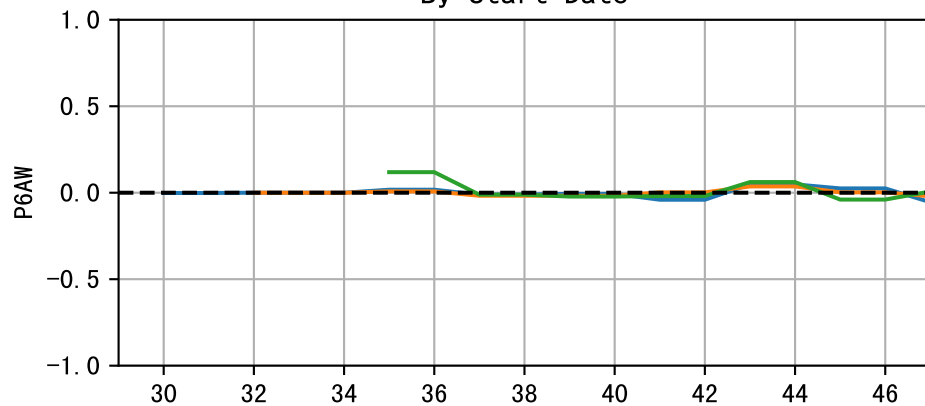


P6AW-106-11T3Fr1 (fit failed)

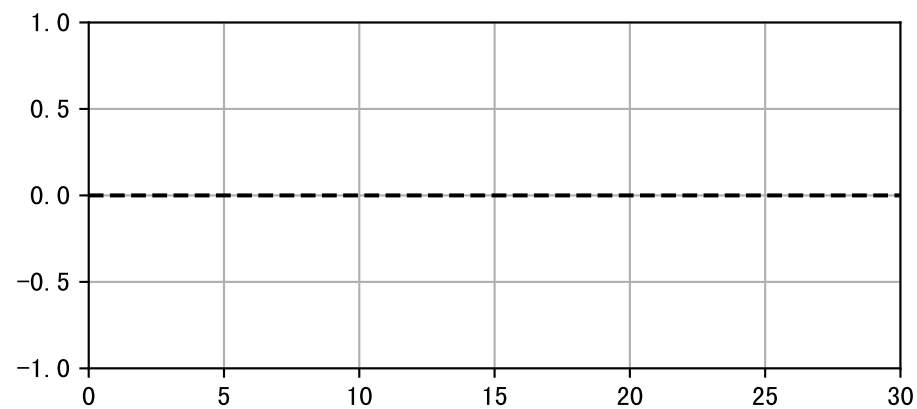
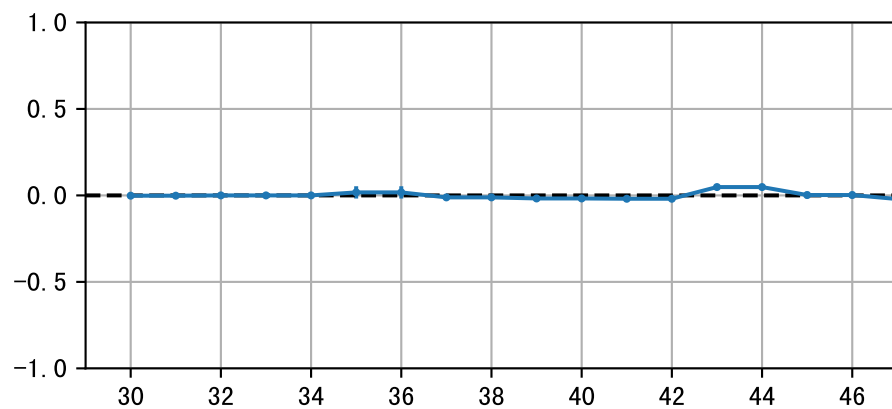
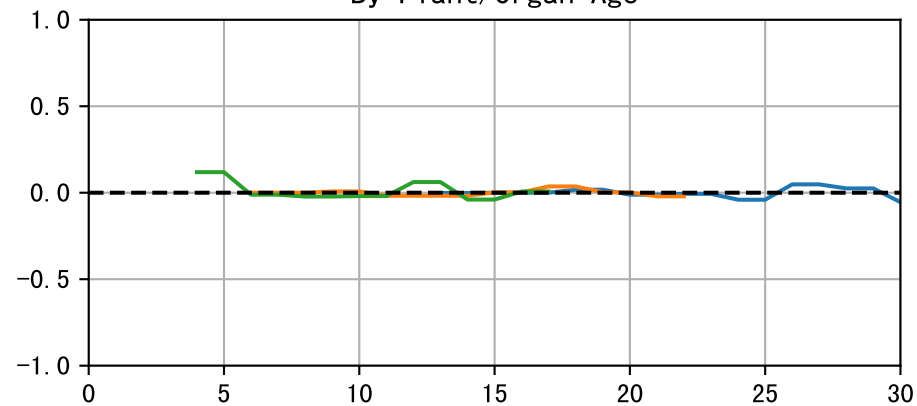




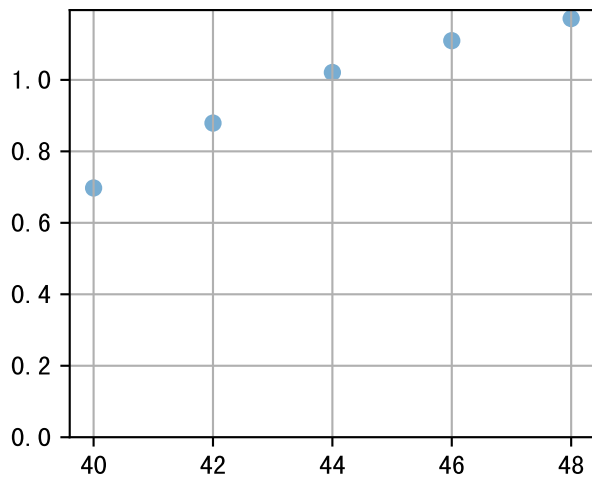
By Start Date



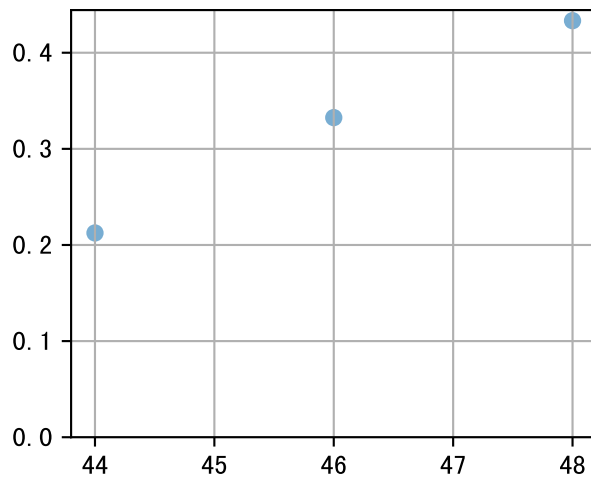
By Plant/Organ Age



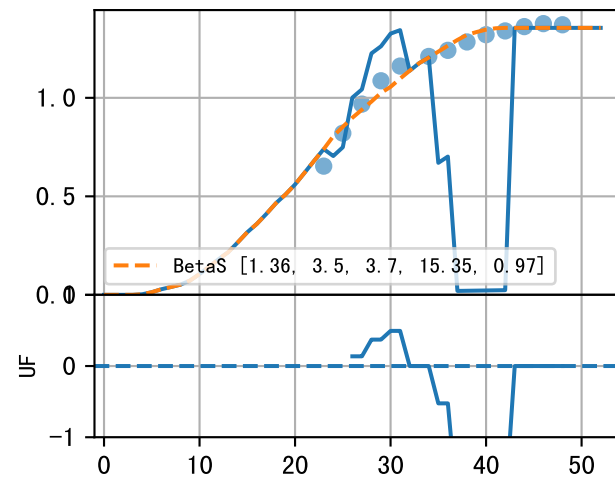
P6AW-058-22L12 (fit failed)



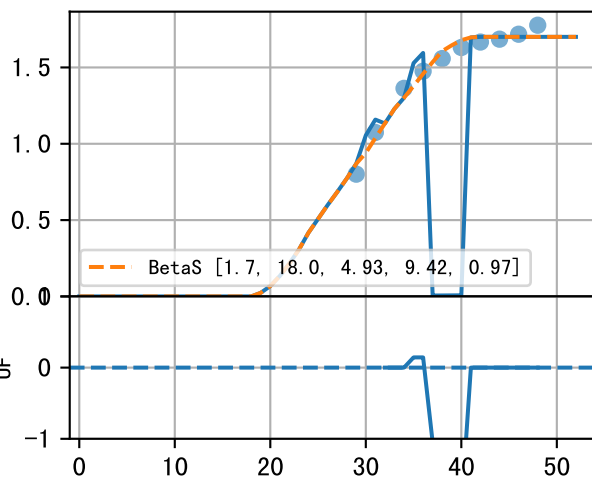
P6AW-058-22L15 (fit failed)



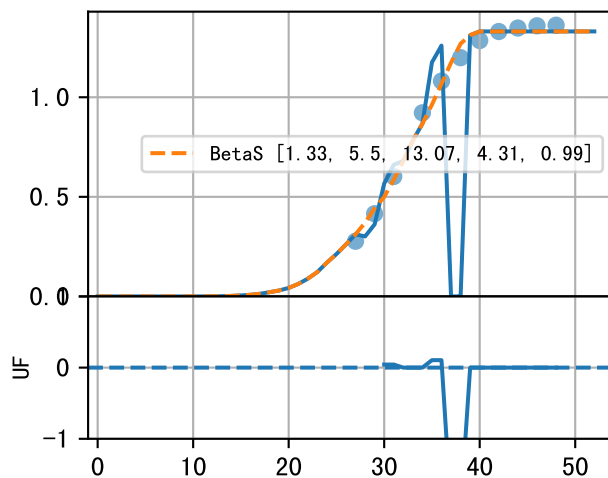
P6AW-058-22L6 (fit failed)



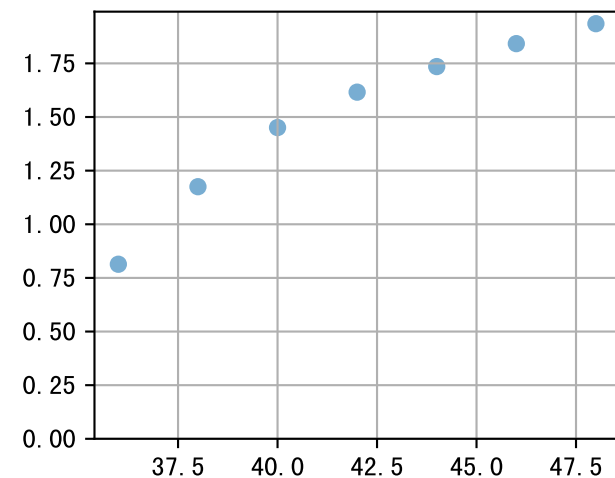
P6AW-058-22L9 (fit failed)



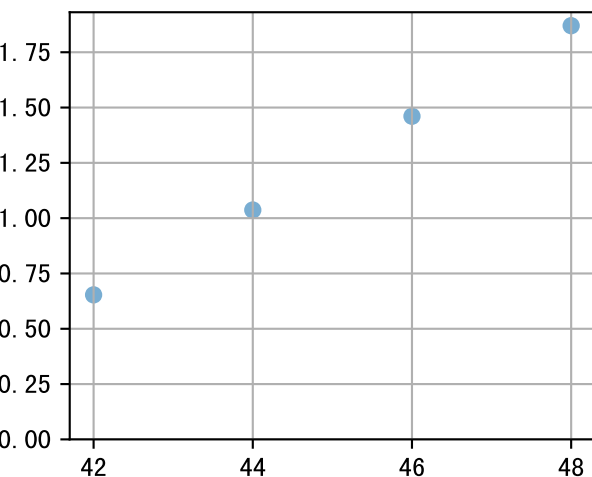
P6AW-074-9L10 (fit failed)



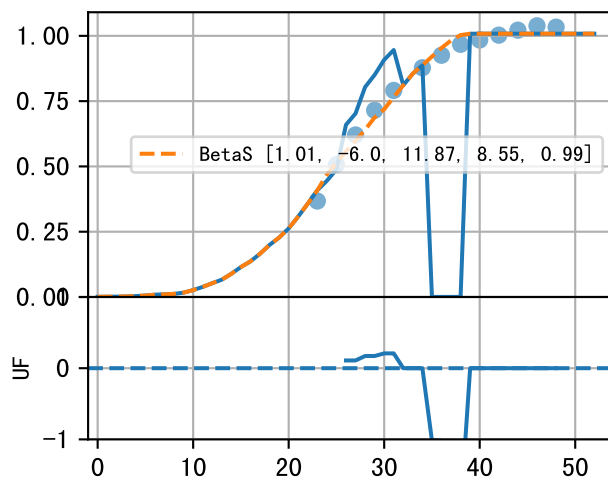
P6AW-074-9L13 (fit failed)



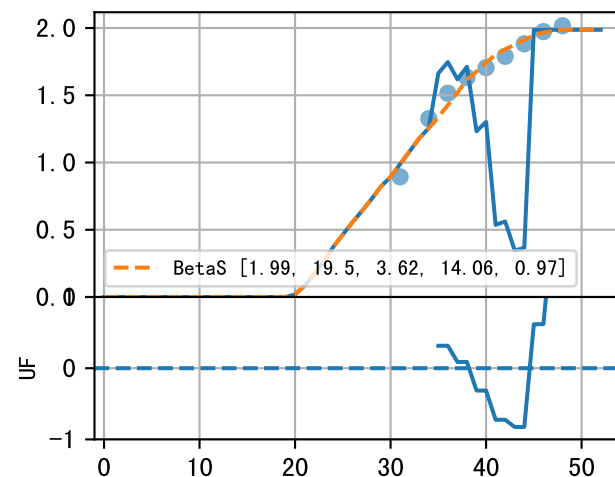
P6AW-074-9L16 (fit failed)



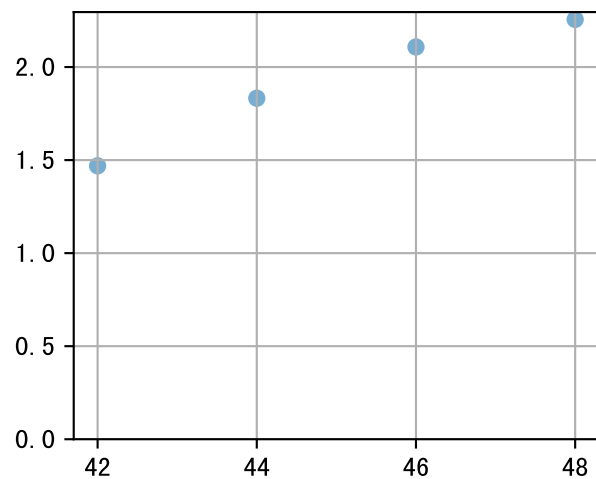
P6AW-074-9L7 (fit failed)



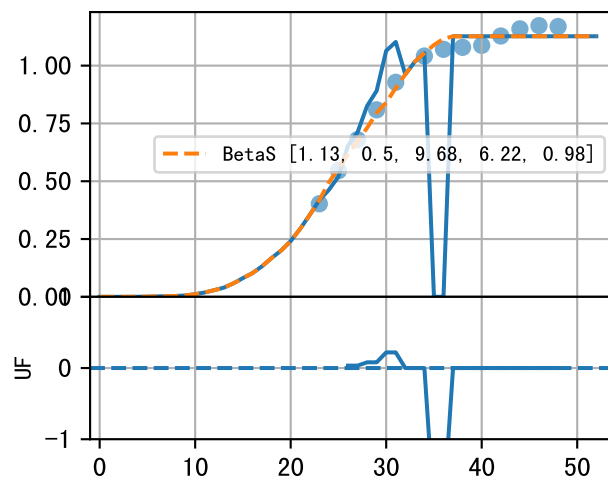
P6AW-087-14L10 (fit failed)



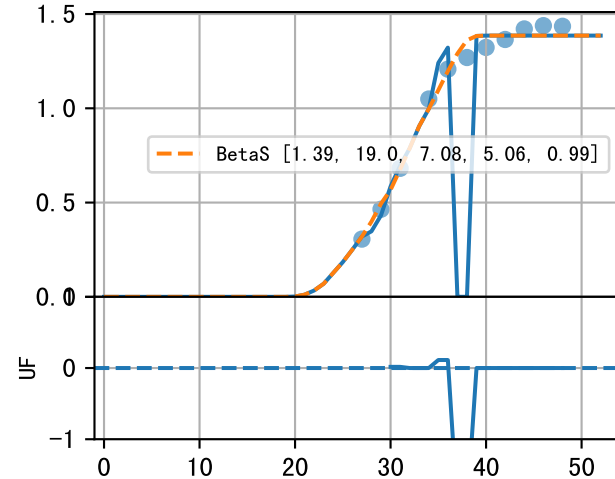
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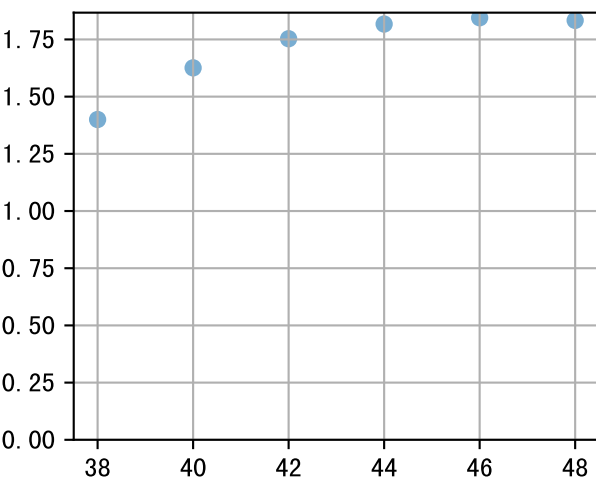
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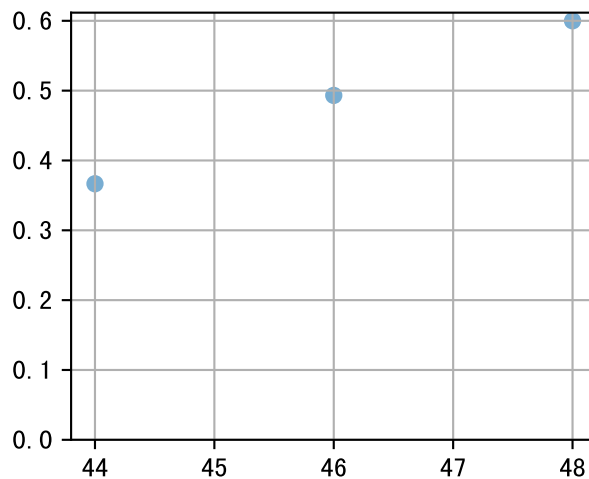
P6AW-095-29L10



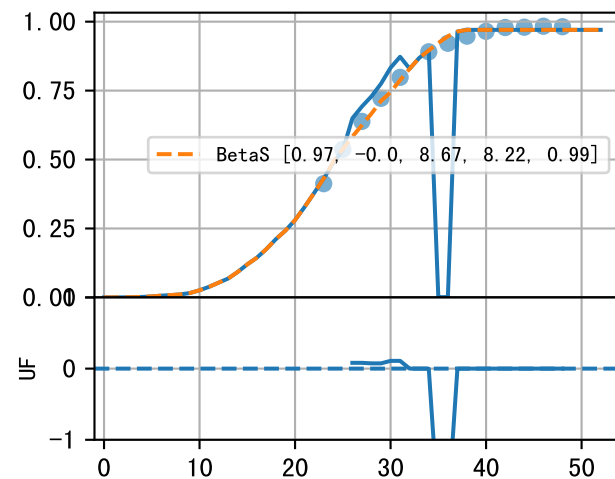
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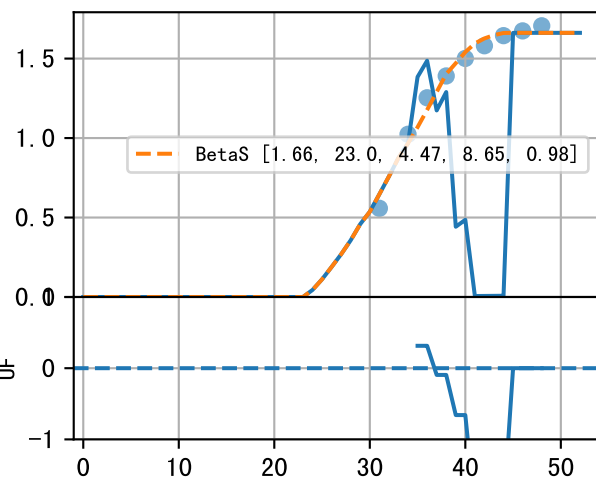
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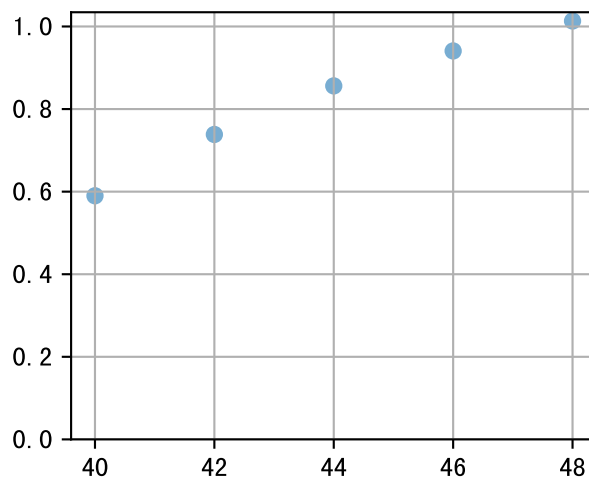
P6AW-095-29L7 (fit failed)



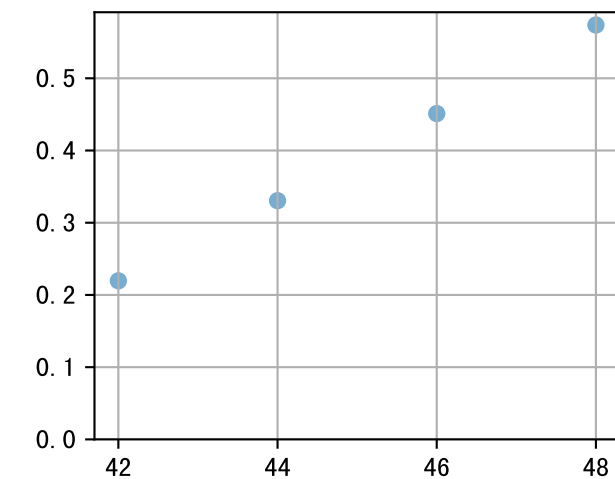
P6AW-106-11L10 (fit failed)



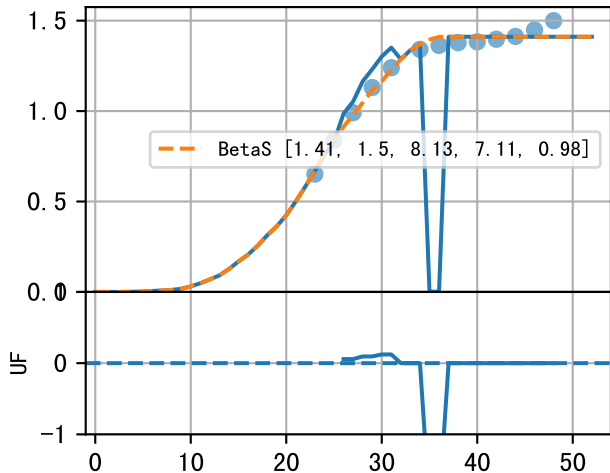
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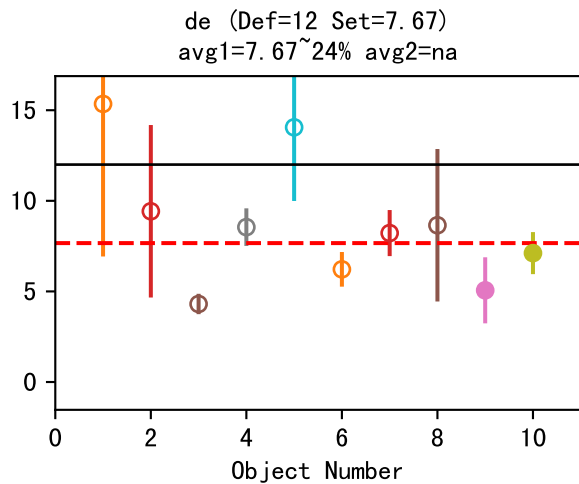
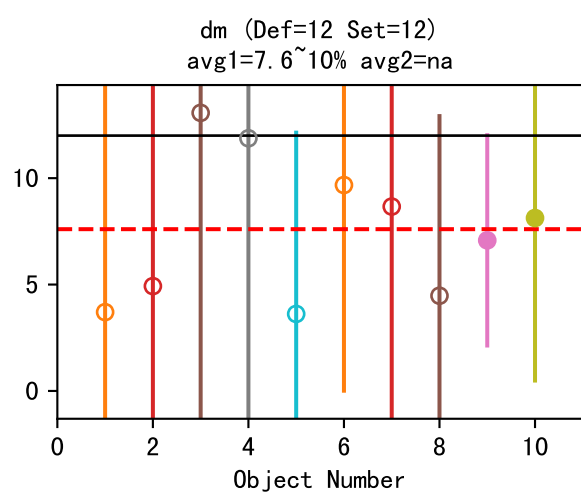
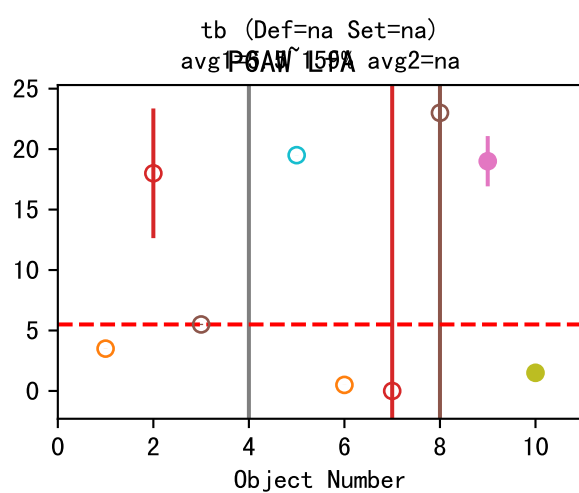
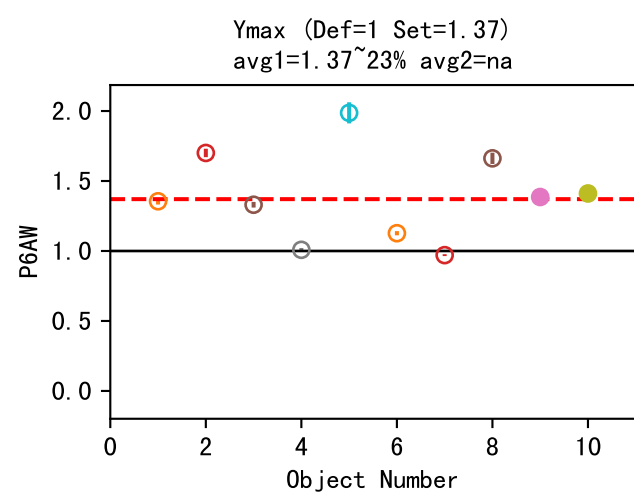


P6AW-106-11L16 (fit failed)

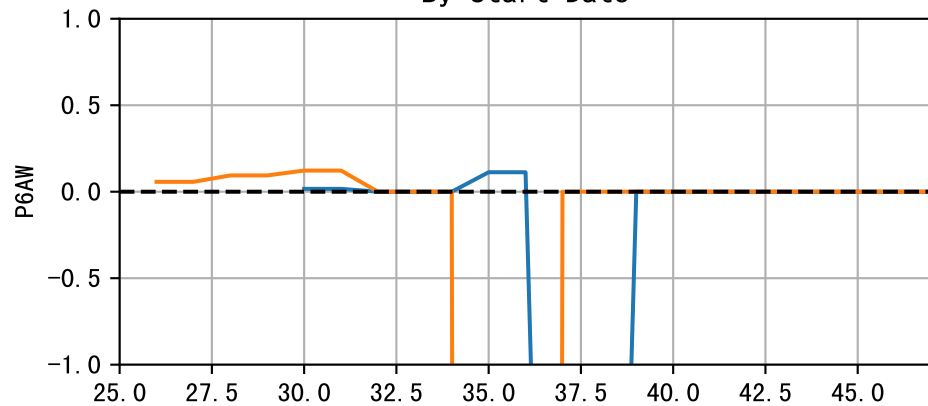


P6AW-106-11L7

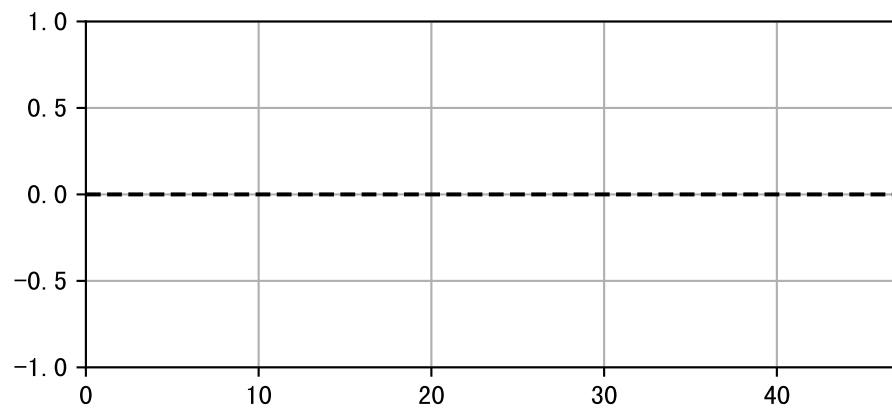
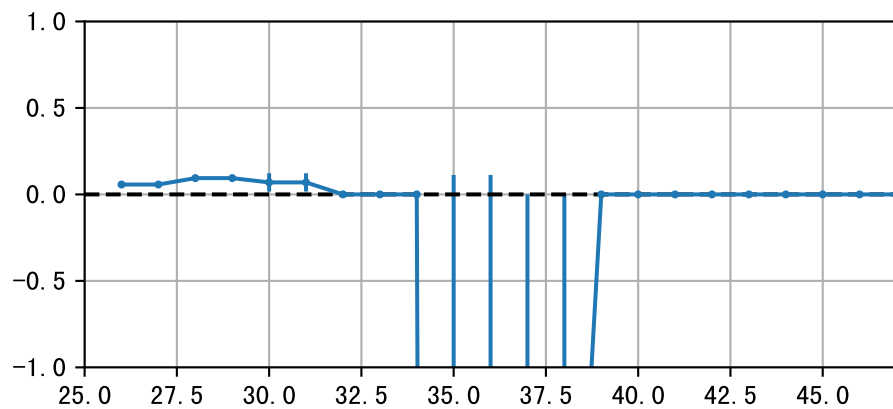
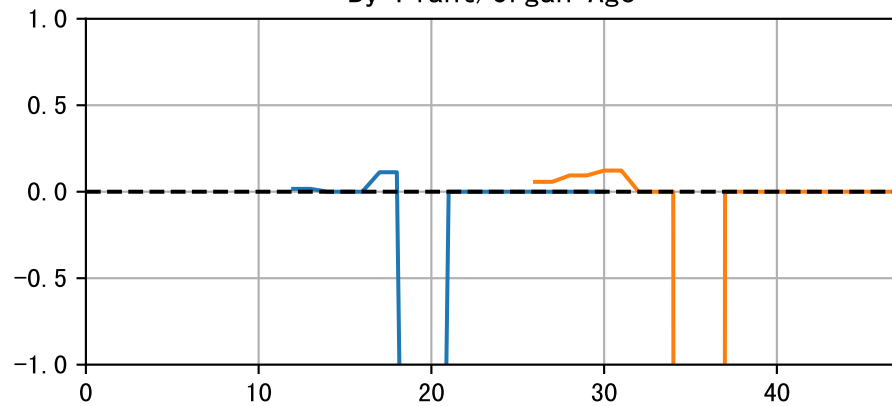


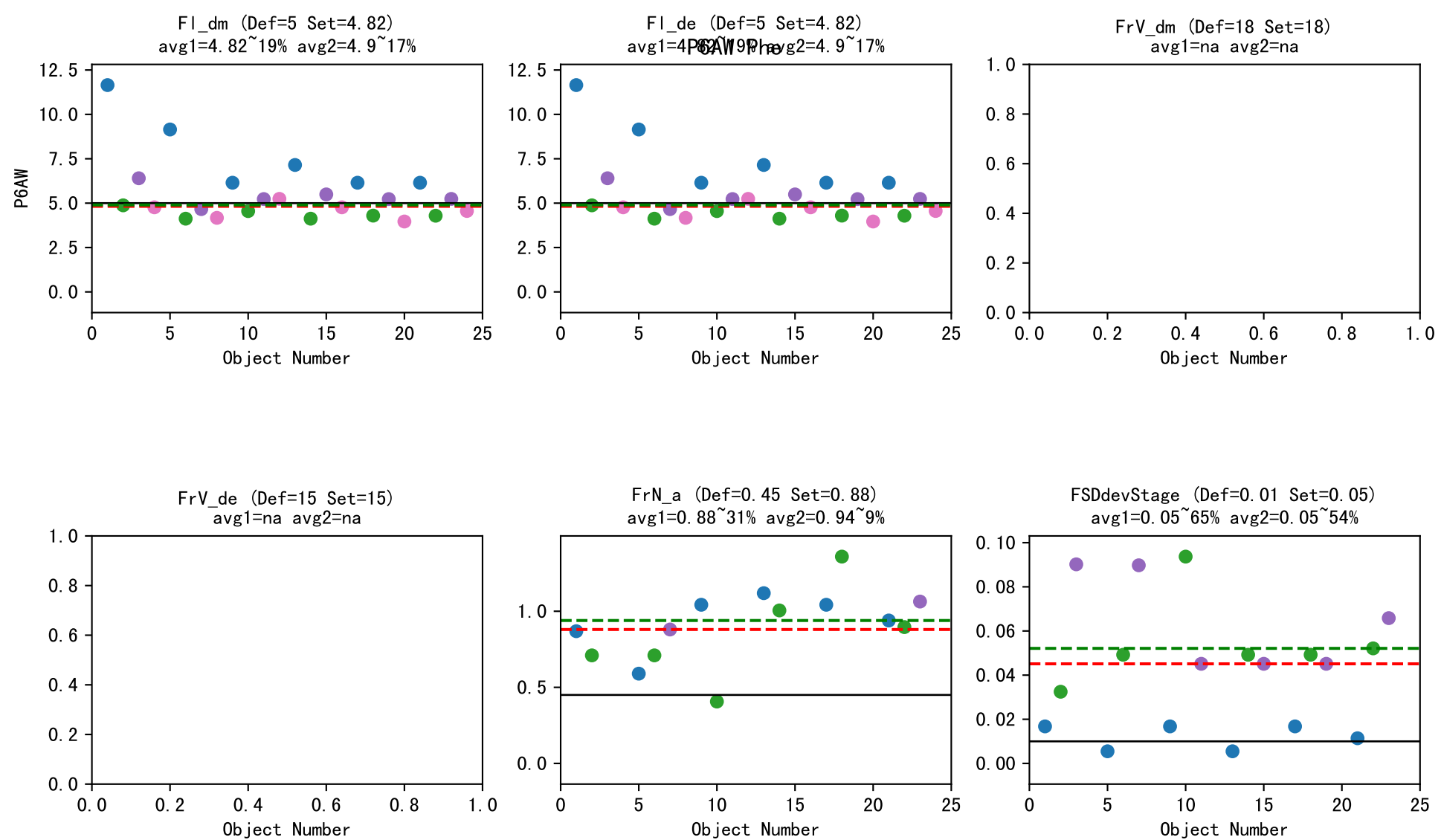


By Start Date

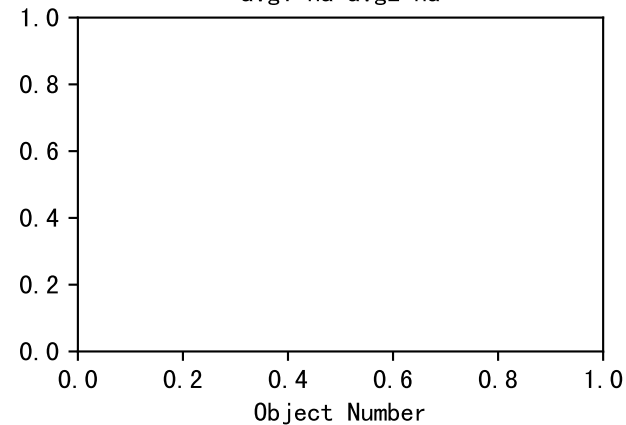


By Plant/Organ Age

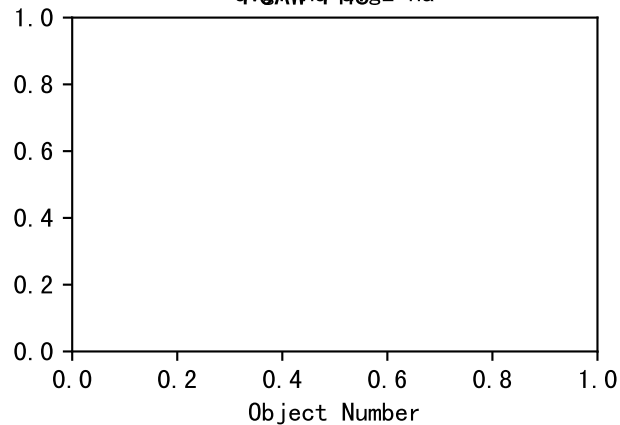




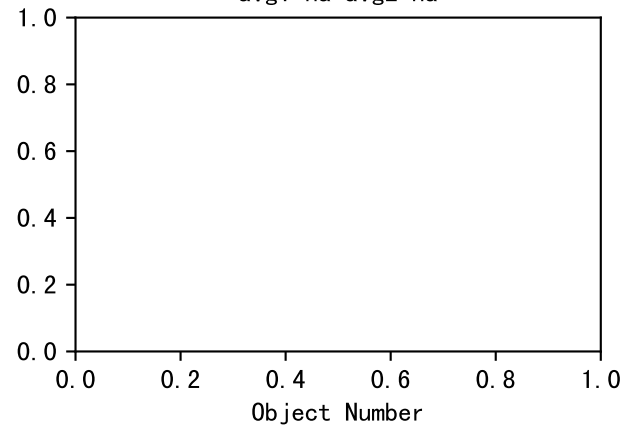
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



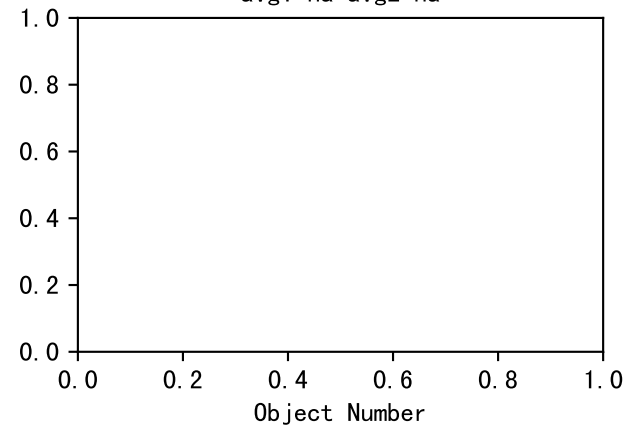
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



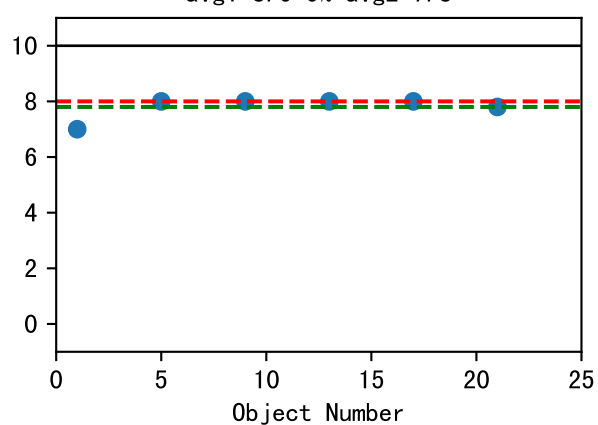
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

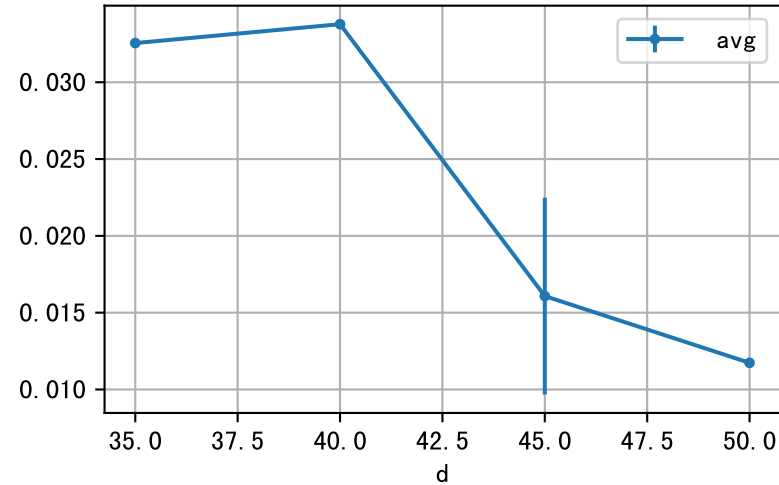


NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=7.8

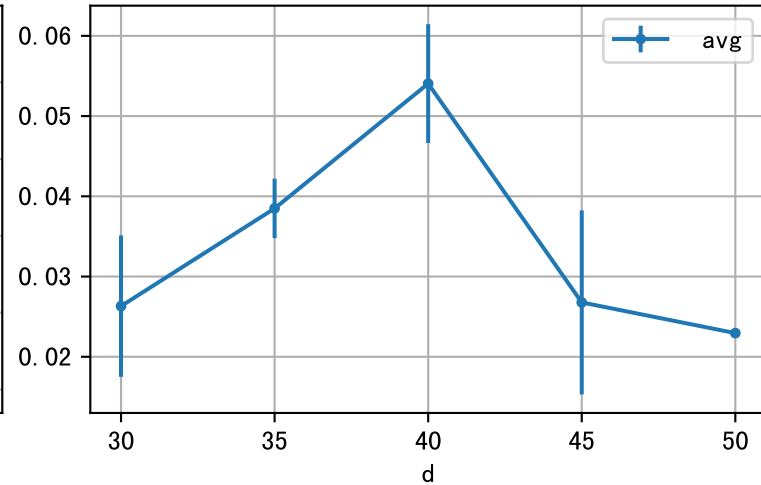


LfA: avg vs. d at each age group

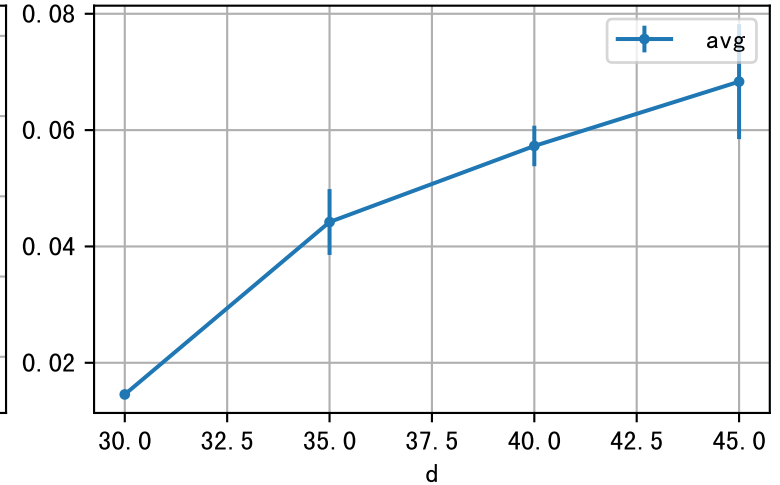
age=15



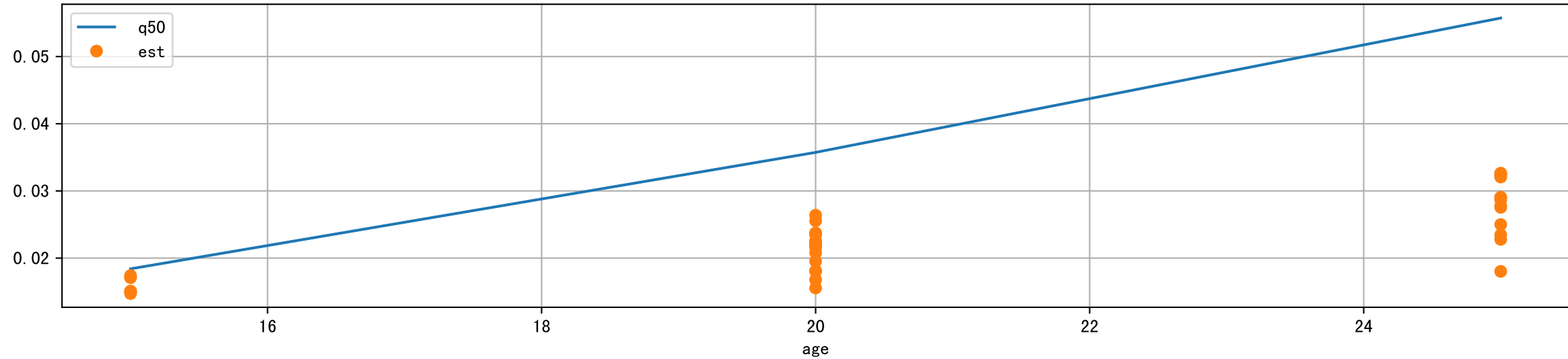
age=20



age=25

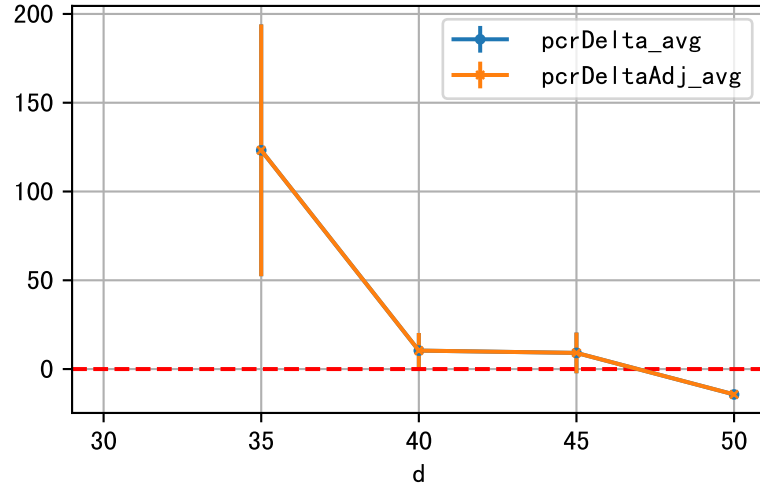


LfA: model est vs obs0v@Q50

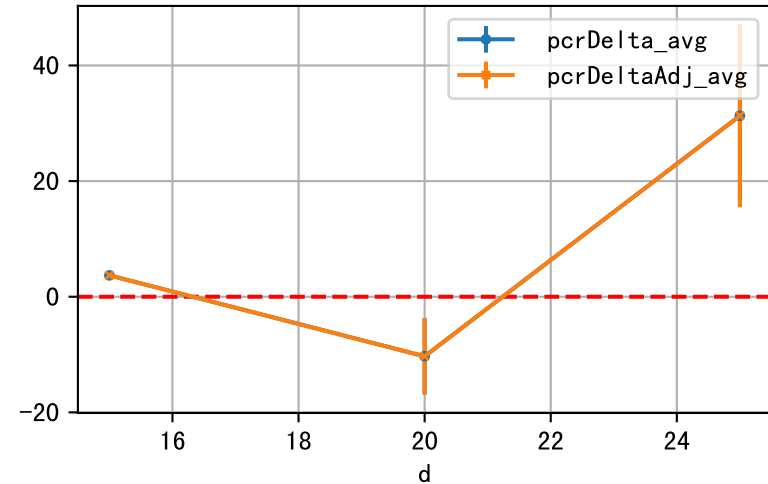


P6AW LfA: D_5d_LfA

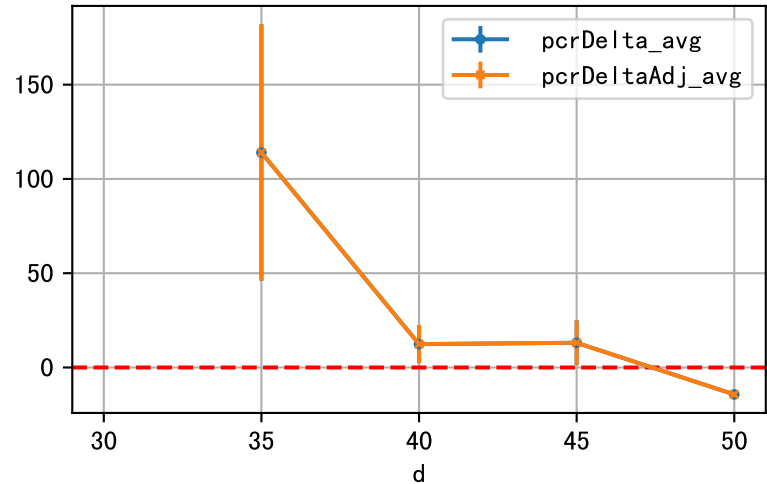
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=Wei AvgByD

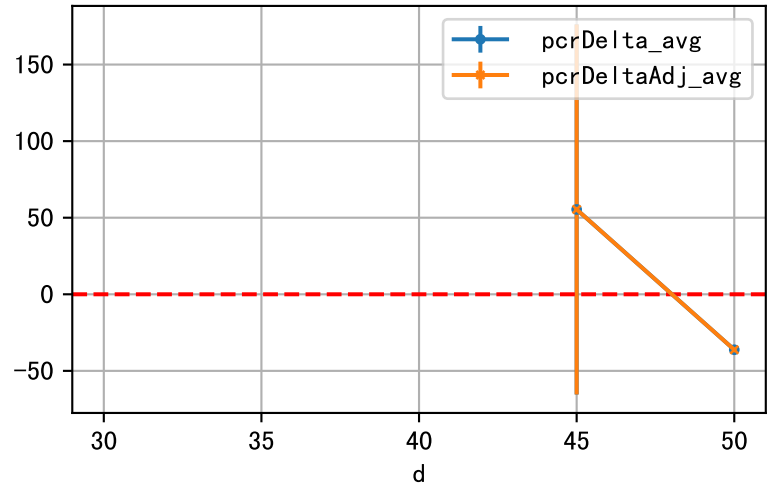
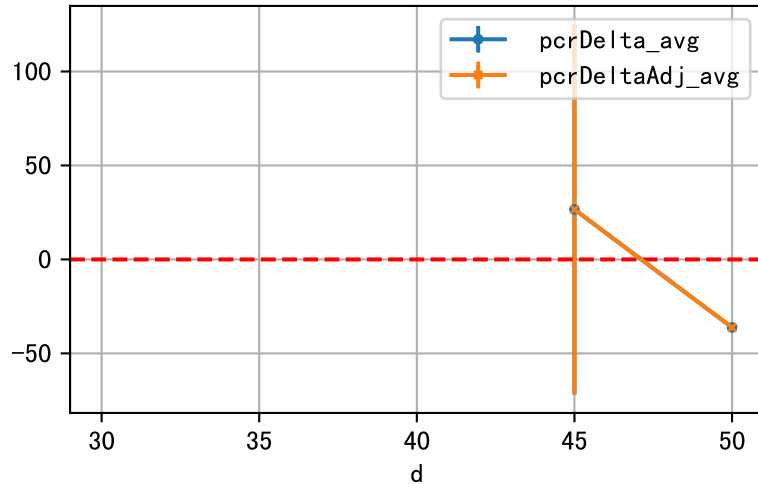
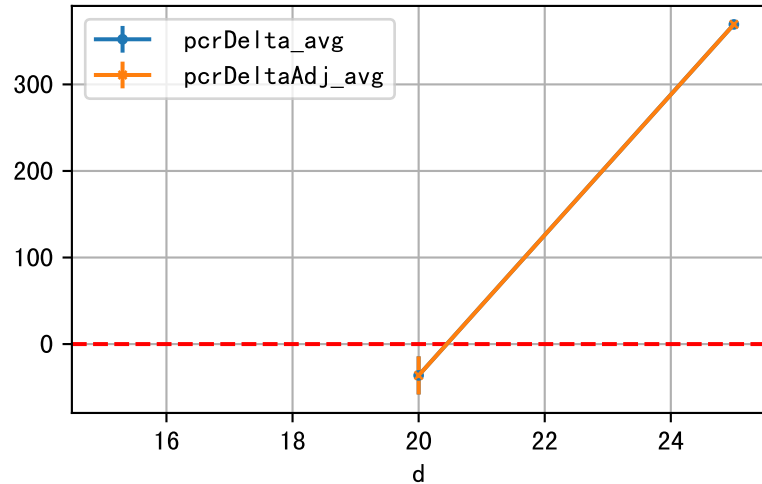


P6AW LfA: D_15d_LfA

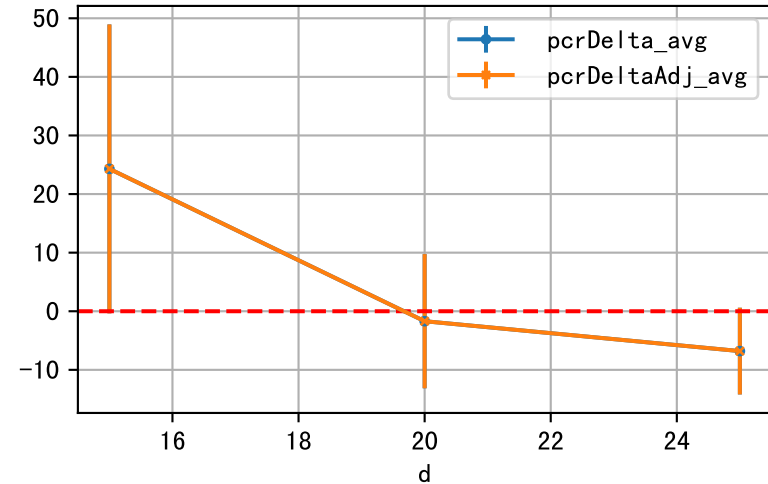
DeltaTypeAbbr=GrpByAge

DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

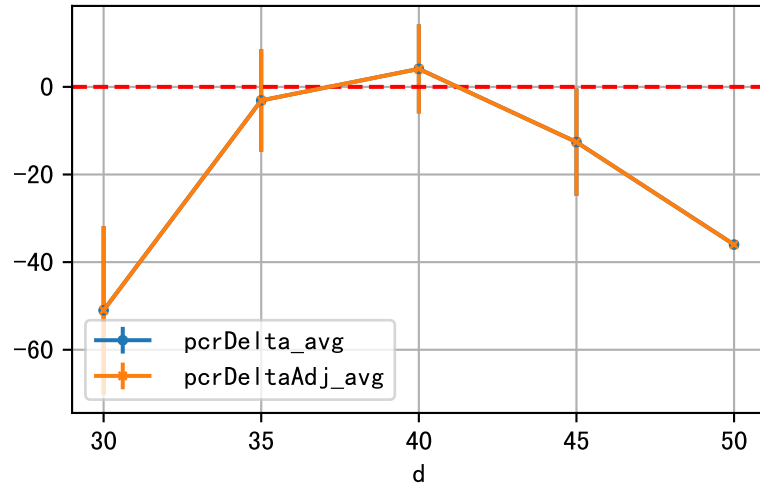


DeltaTypeAbbr=GrpByAge

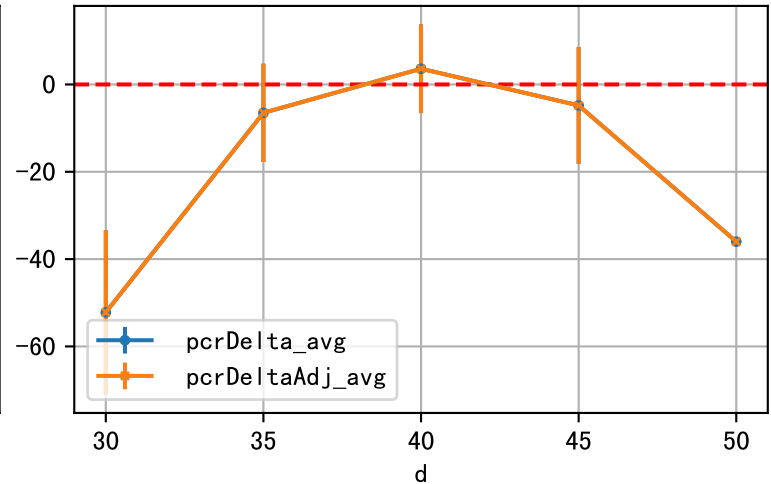


P6AW LfA: D_Q50_LfA

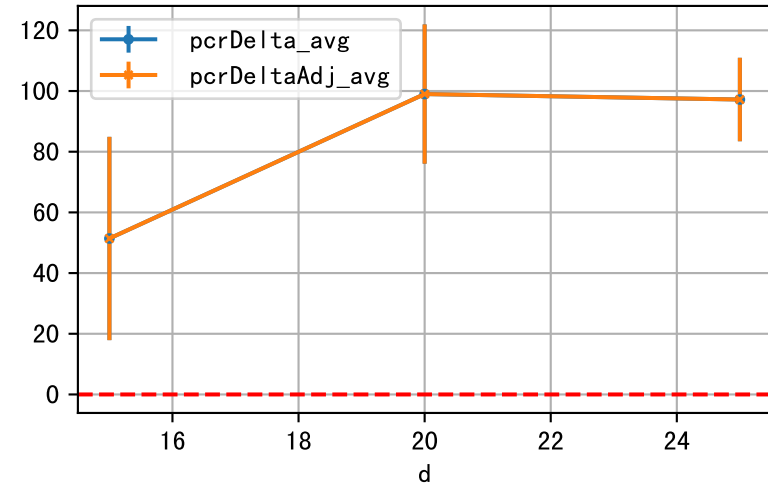
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=Wei AvgByD

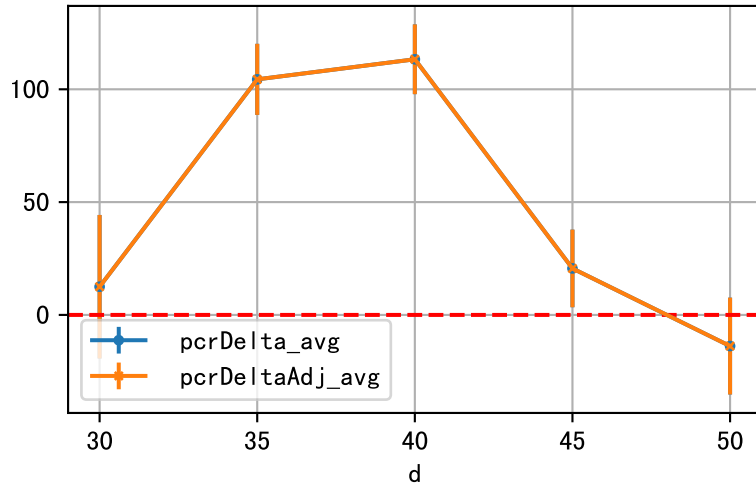


DeltaTypeAbbr=GrpByAge

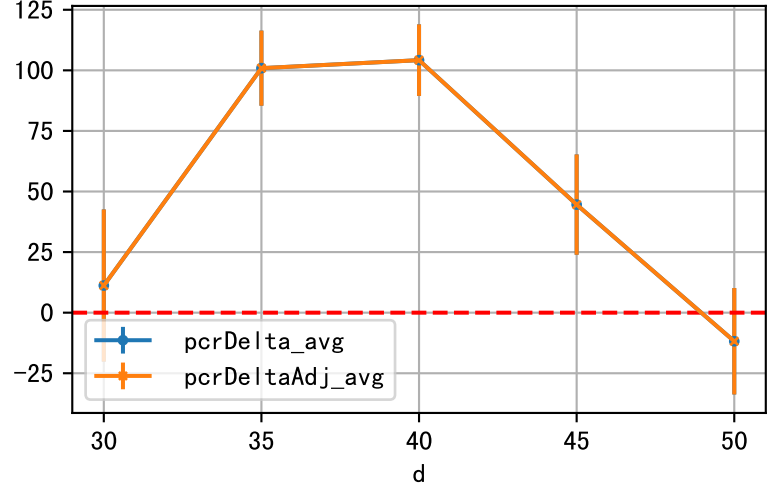


P6AW LfA: D_Est_LfA

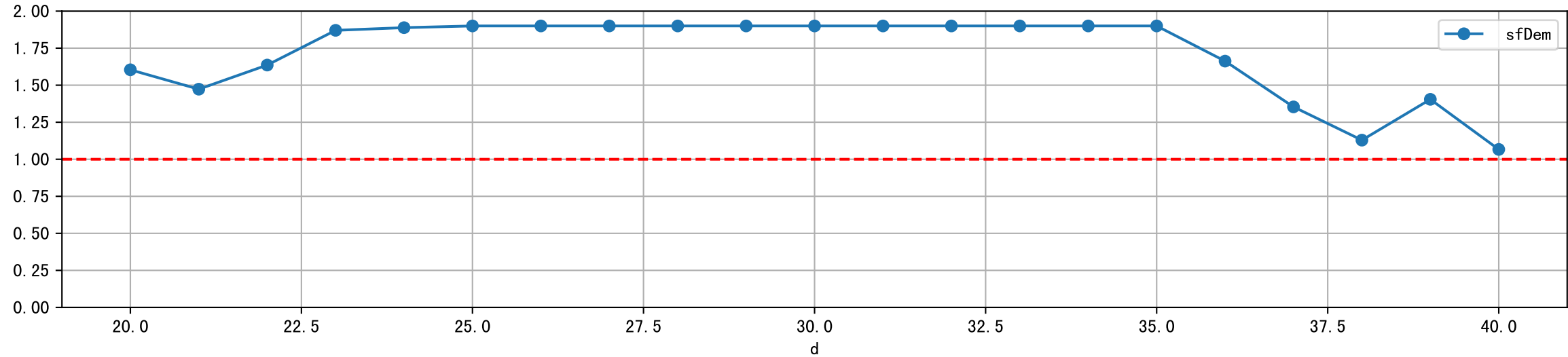
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=Wei AvgByD



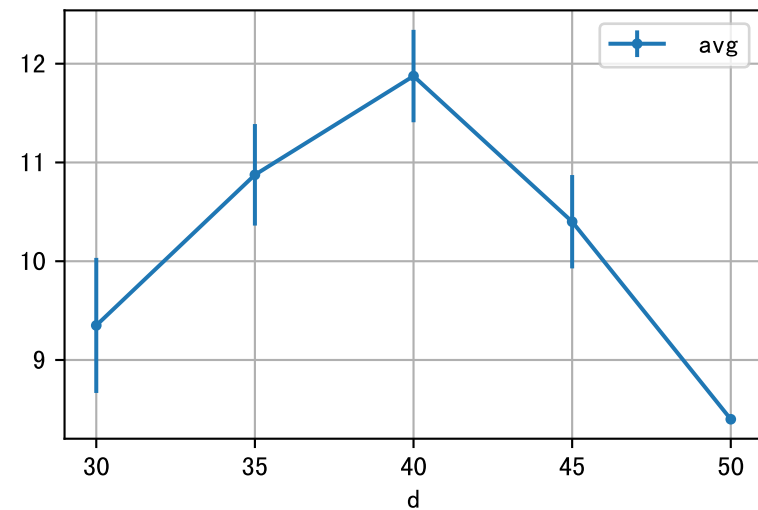
LfA: sfDem



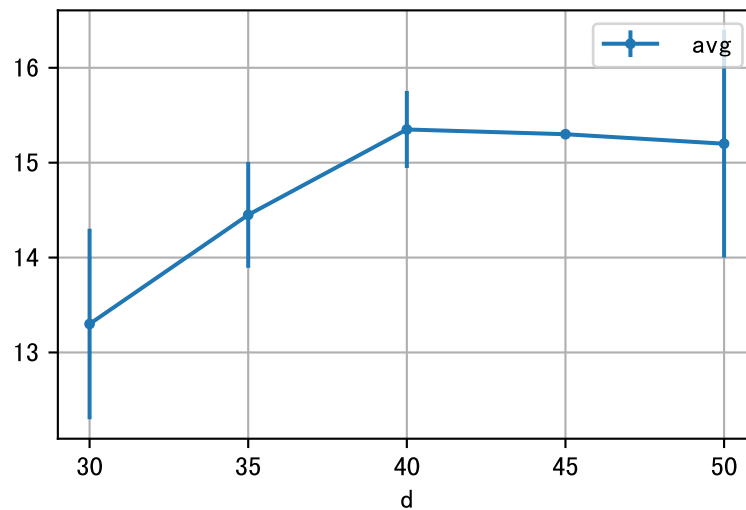


NdD: avg vs. d at each age group

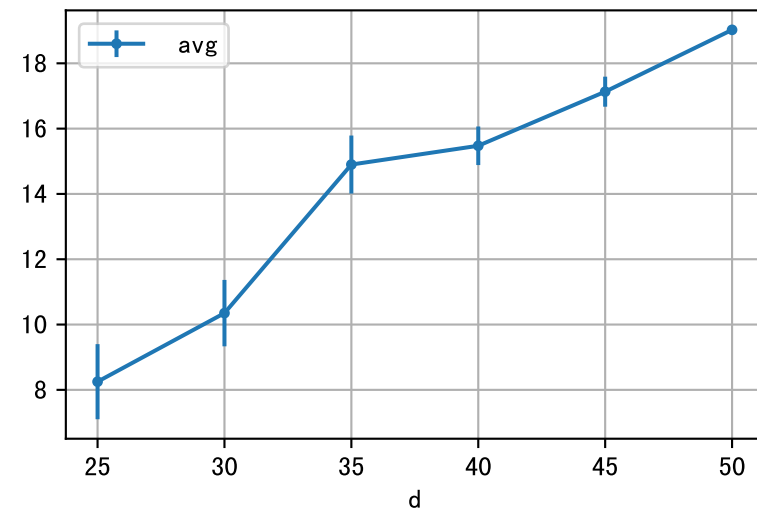
age=15



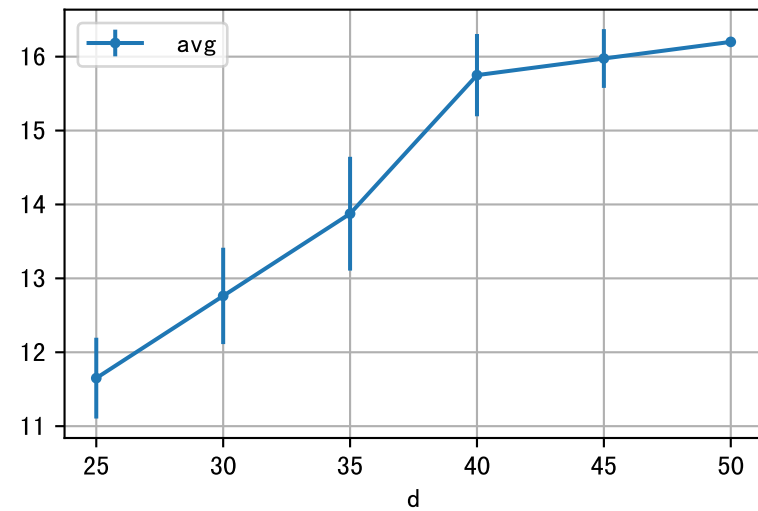
age=20



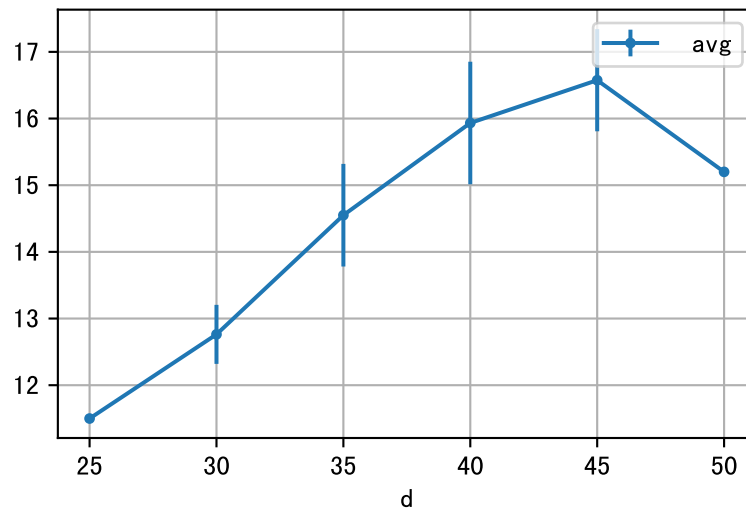
age=25



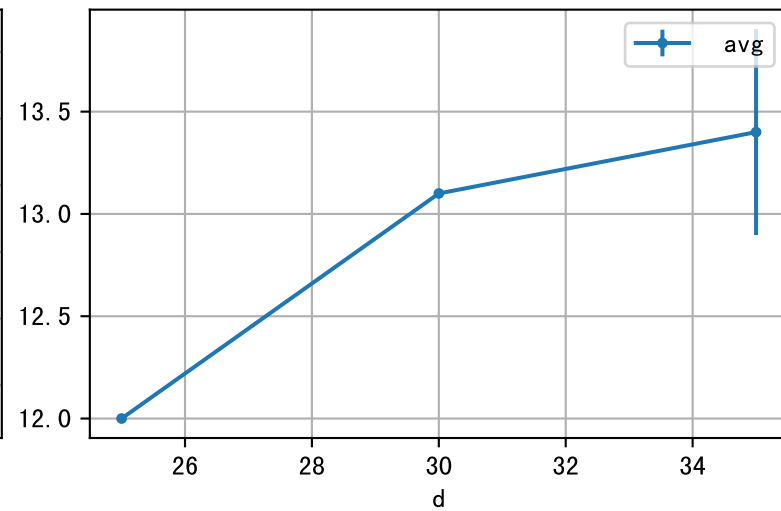
age=30



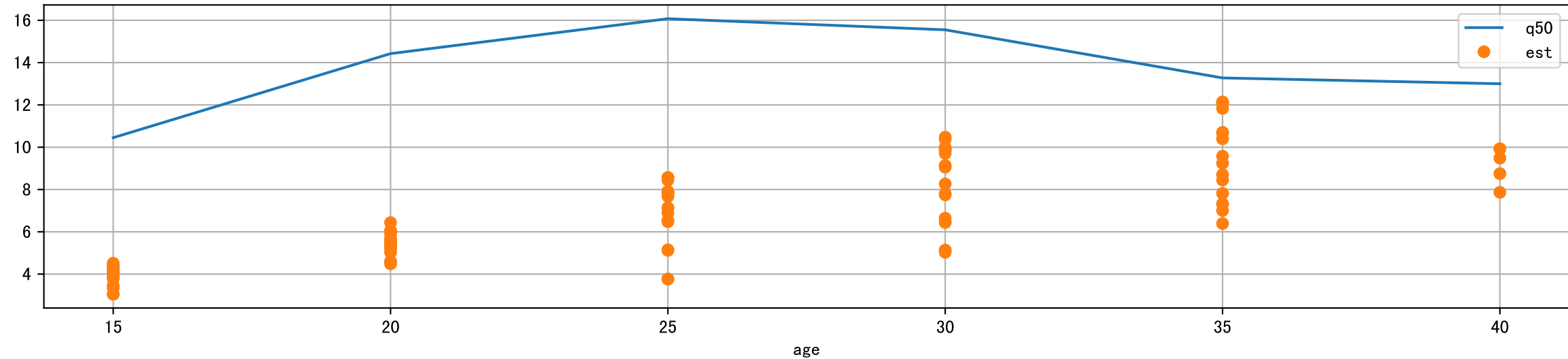
age=35



age=40

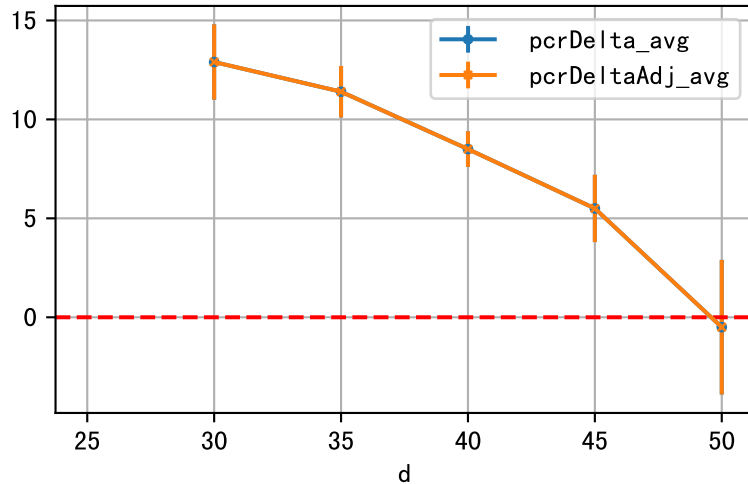


NdD: model est vs obs0v@Q50

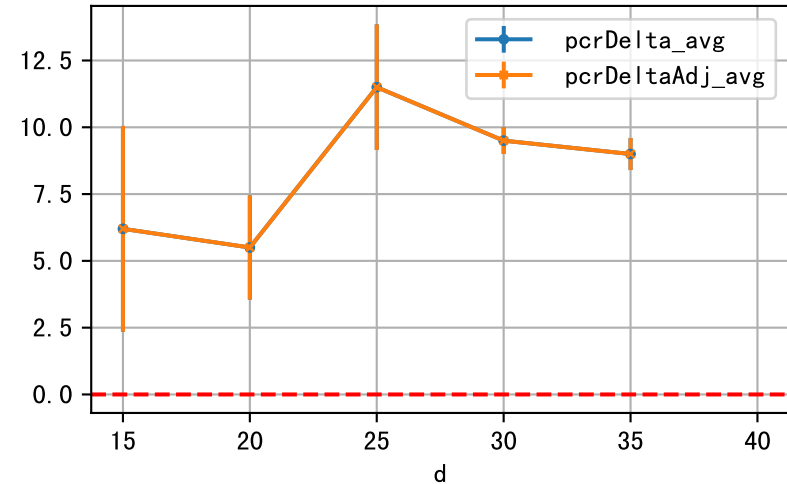


P6AW NdD: D_5d_NdD

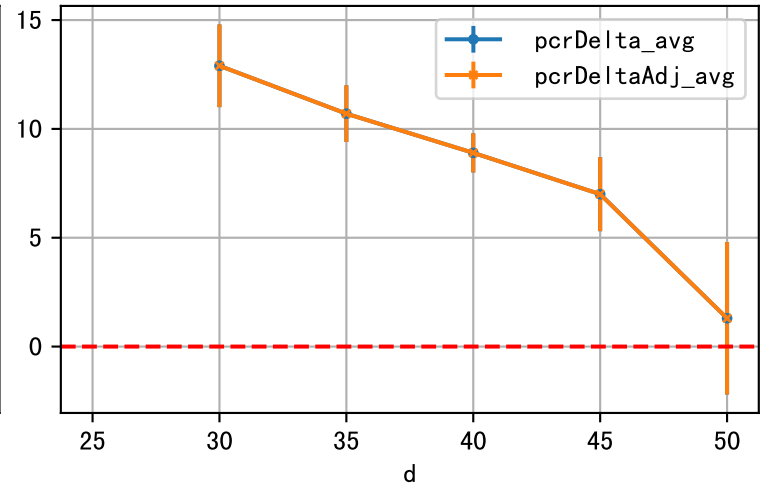
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

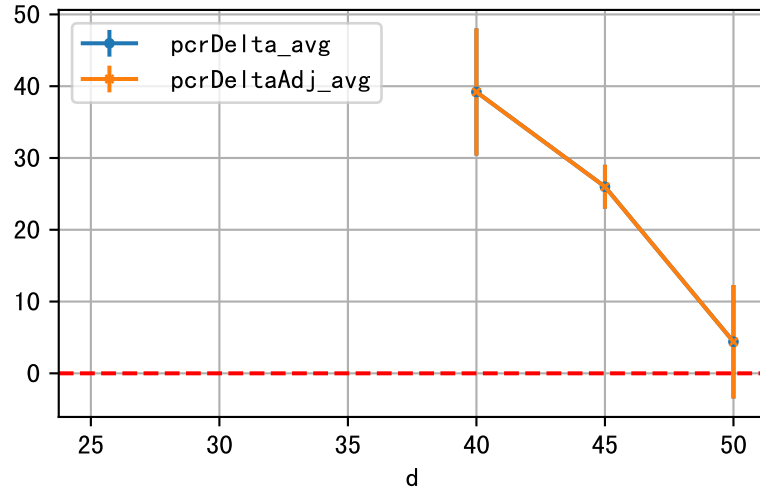


DeltaTypeAbbr=Wei AvgByD

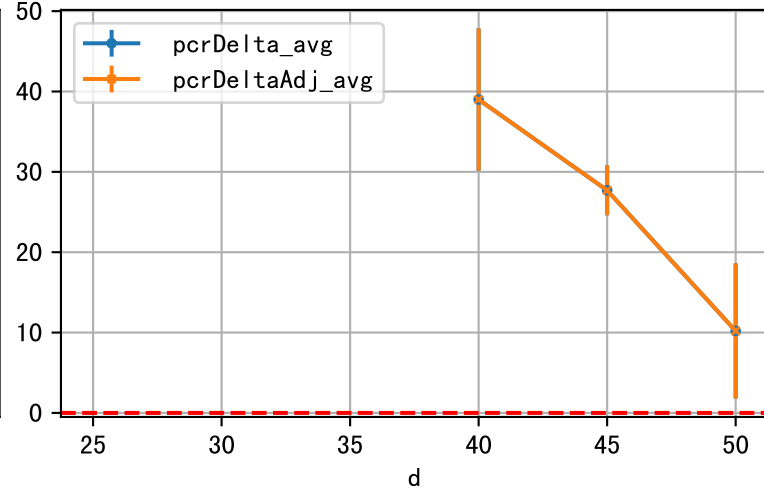


P6AW NdD: D_15d_NdD

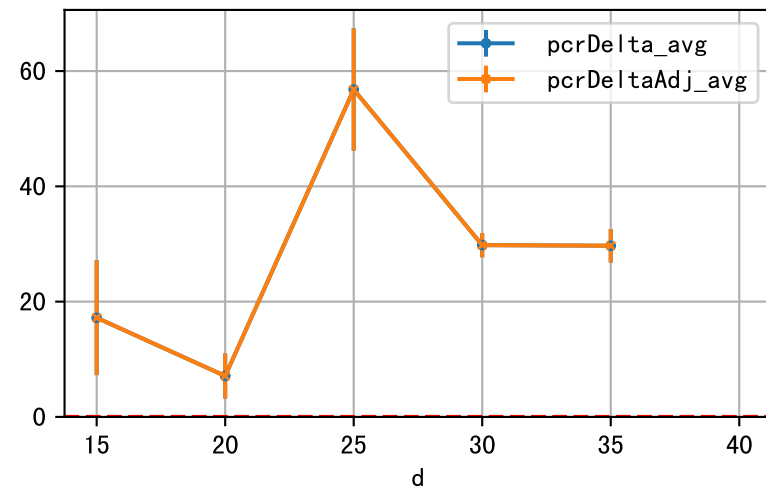
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=Wei AvgByD

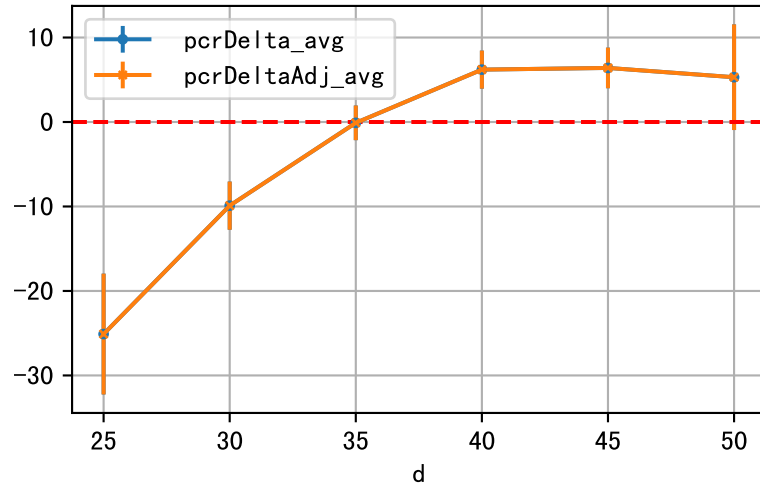


DeltaTypeAbbr=GrpByAge

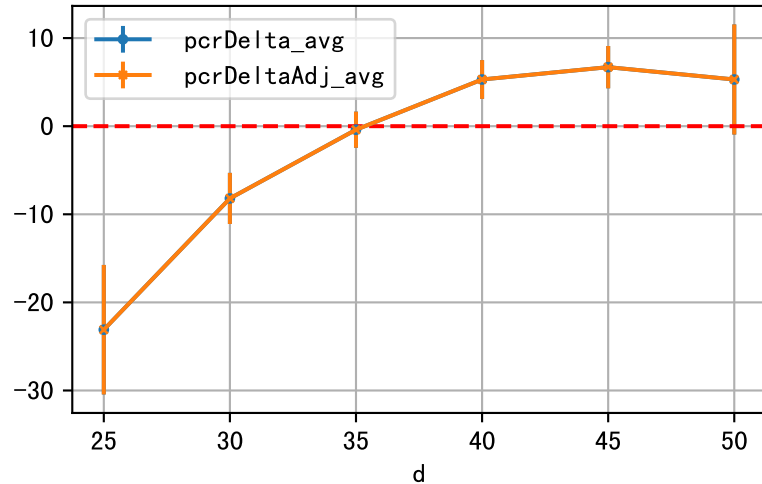


P6AW NdD: D_Q50_NdD

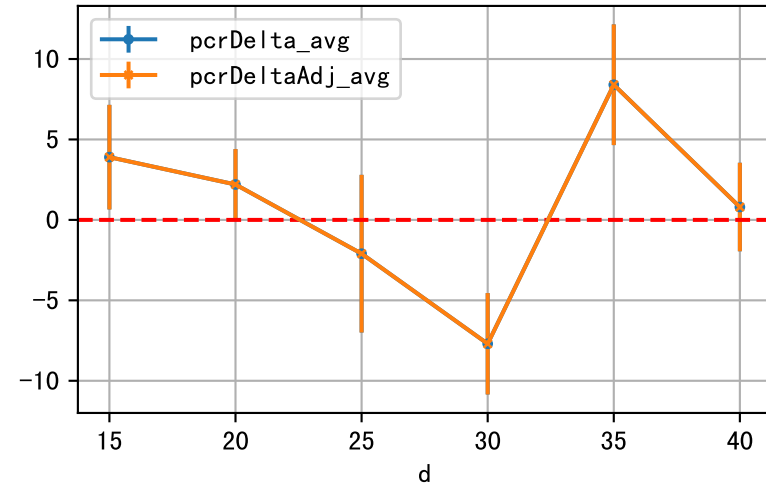
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=Wei AvgByD

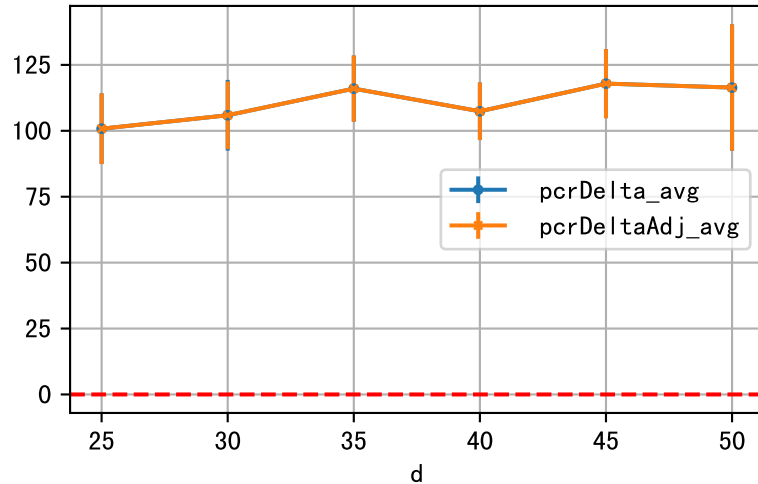


DeltaTypeAbbr=GrpByAge

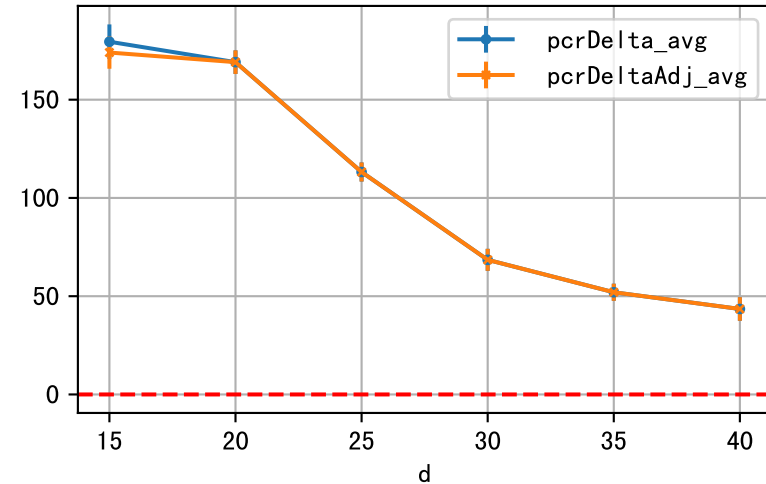


P6AW NdD: D_Est_NdD

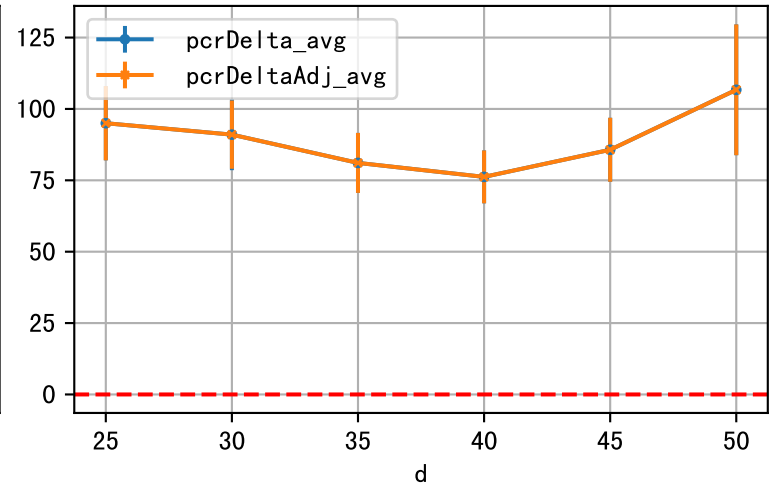
DeltaTypeAbbr=GrpByDay



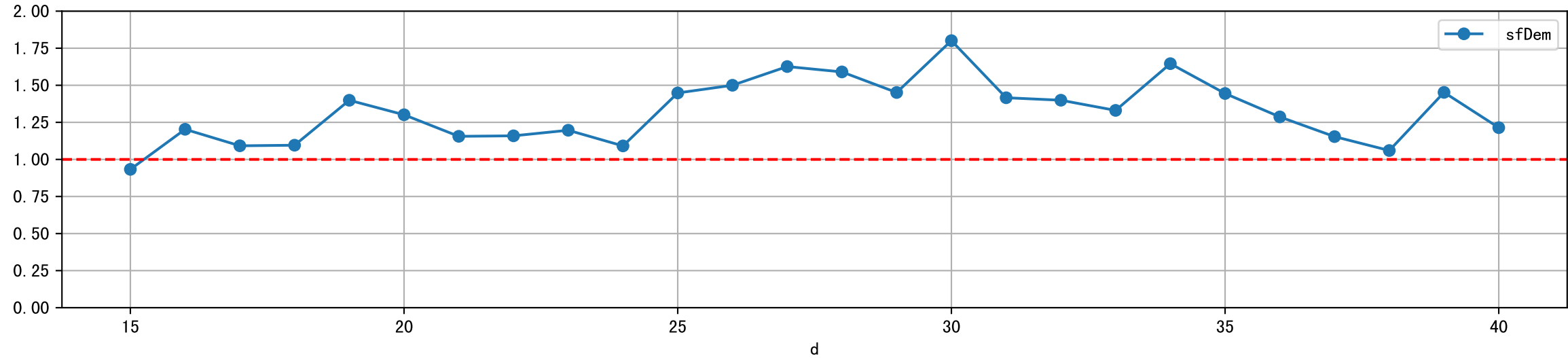
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=Wei AvgByD

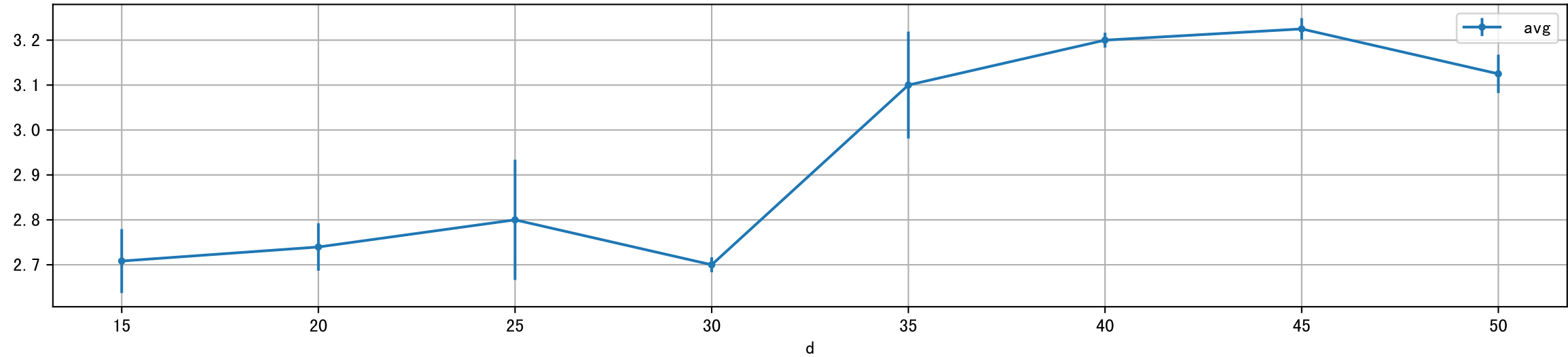


NdD: sfDem

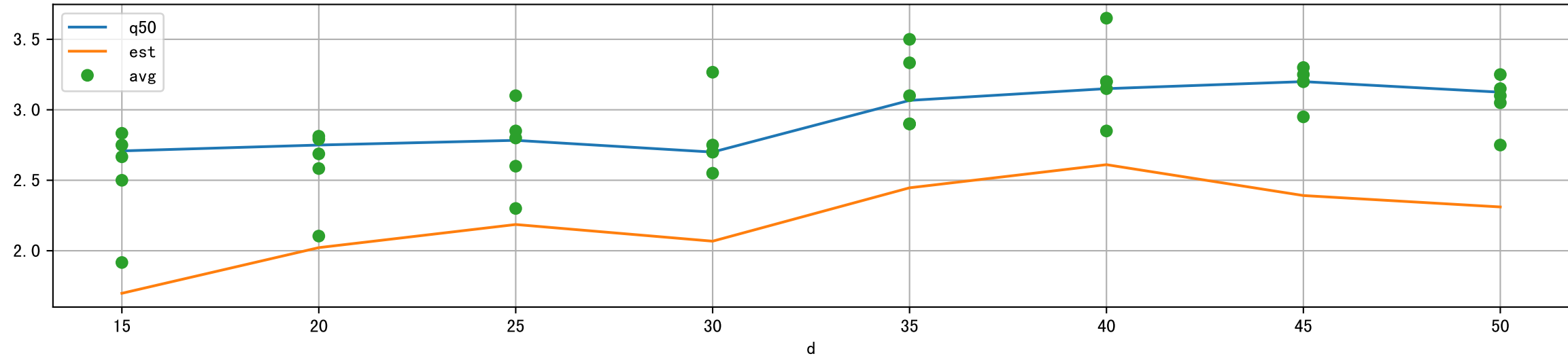




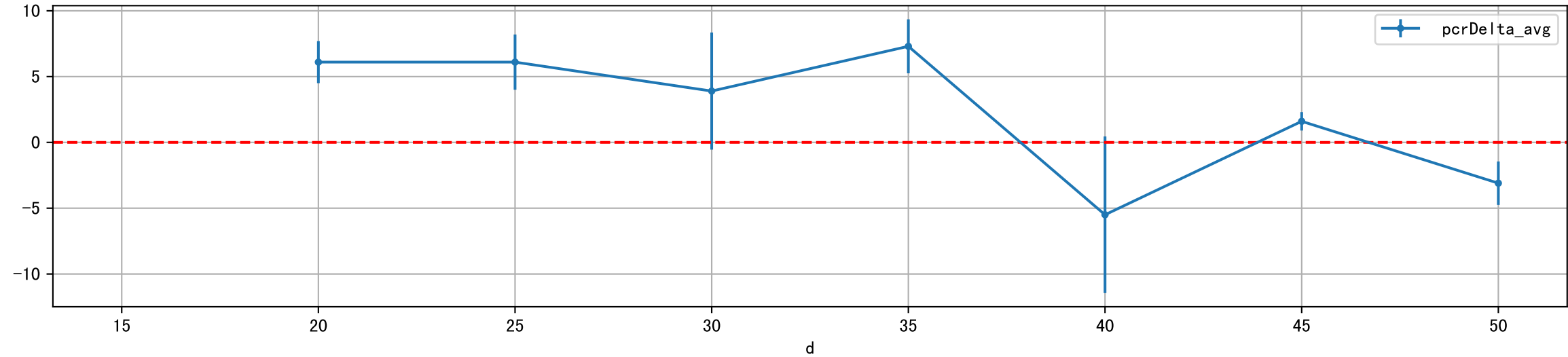
dStH: avg vs. d



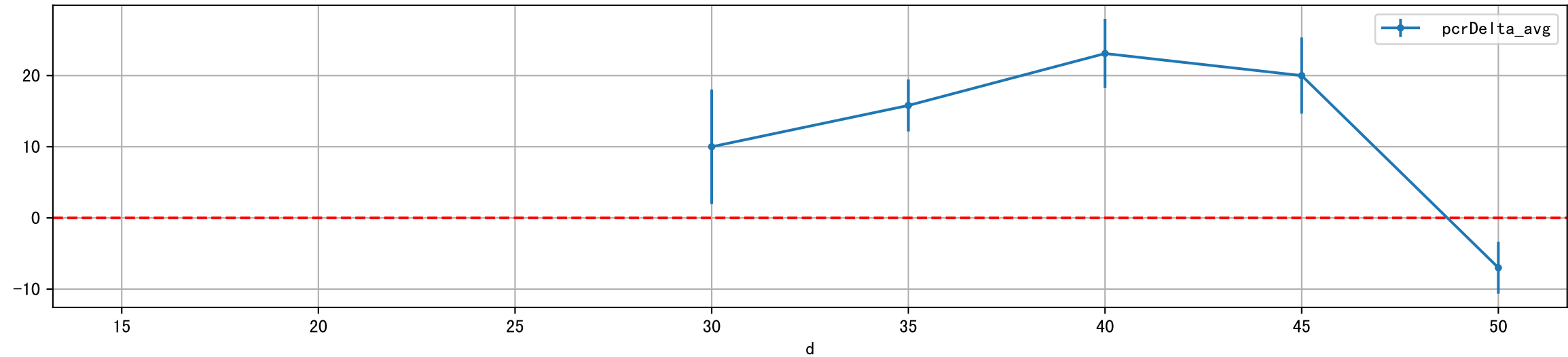
dStH: obsAvg vs obs0v@Q50



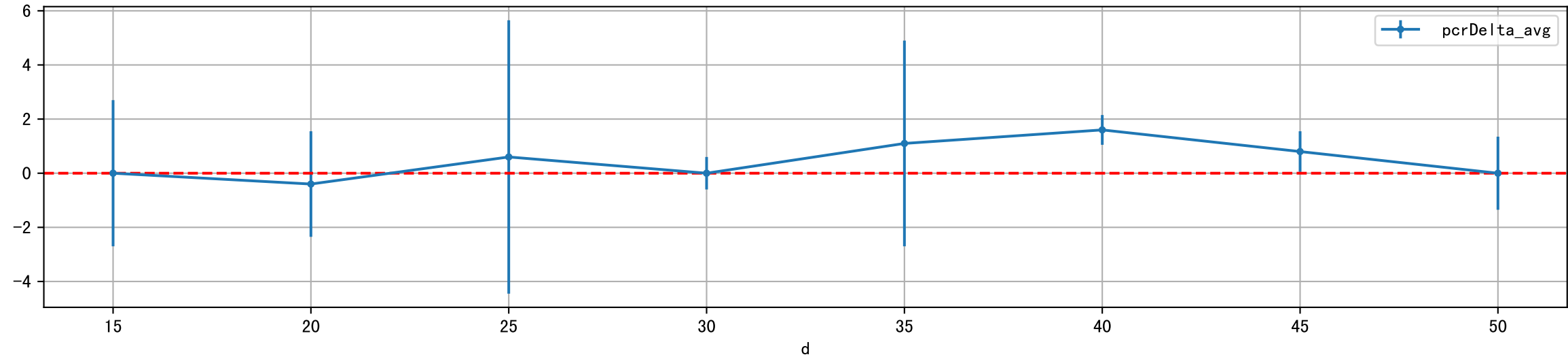
dStH: D_5d_StH



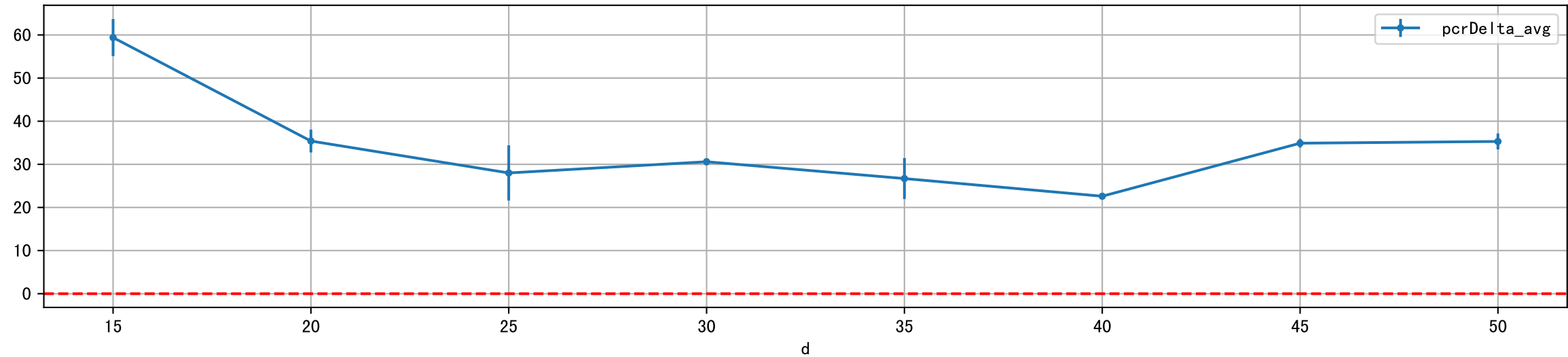
dStH: D_15d_StH



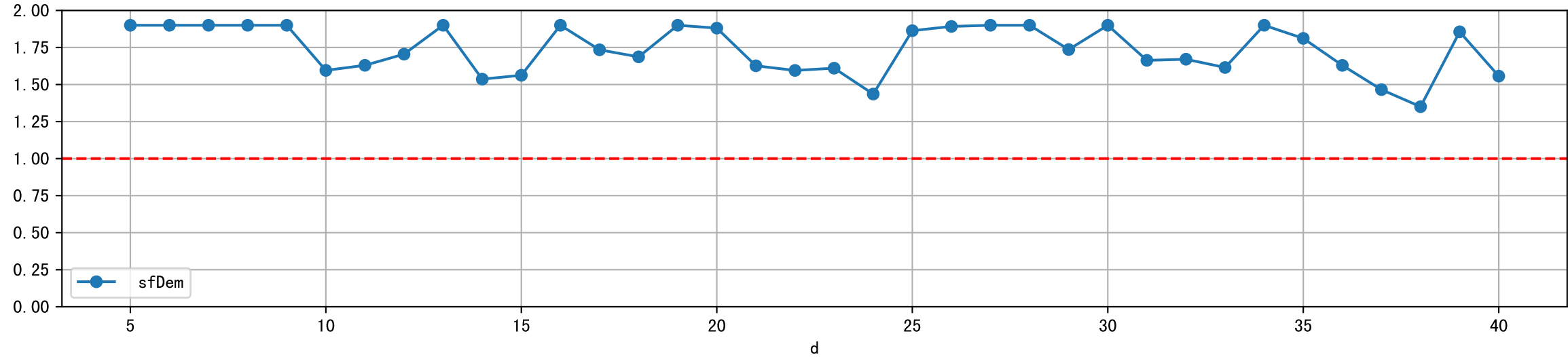
dStH: D_Q50_StH



dStH: D_Est_StH



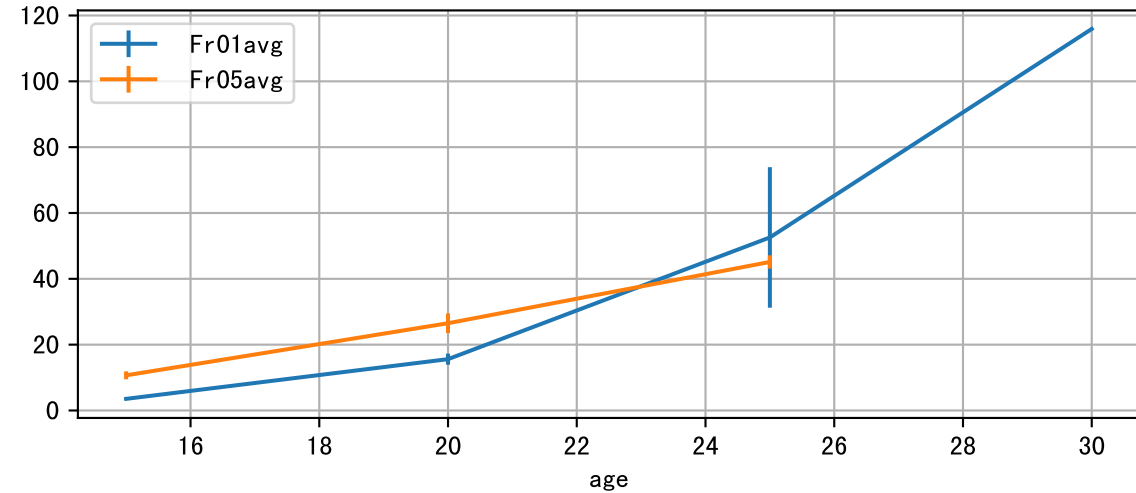
dStH: sfDem



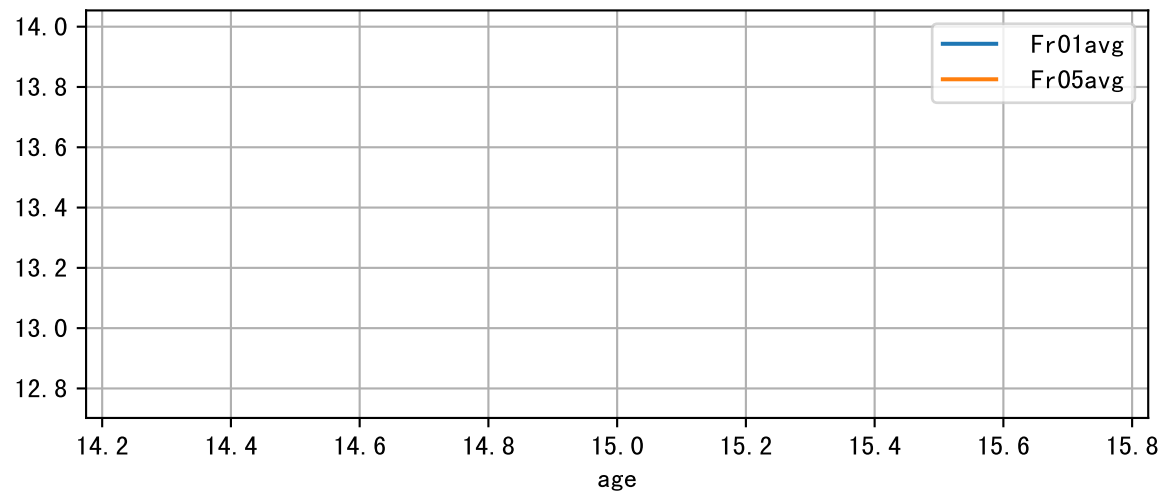


FrV: Fr01 vs Fr05 at each truss

organID=T01

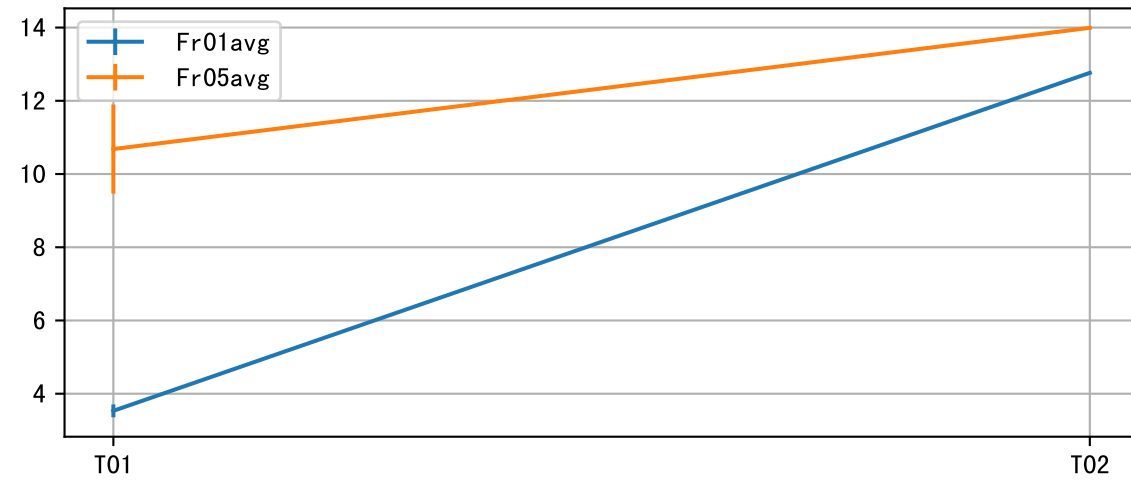


organID=T02

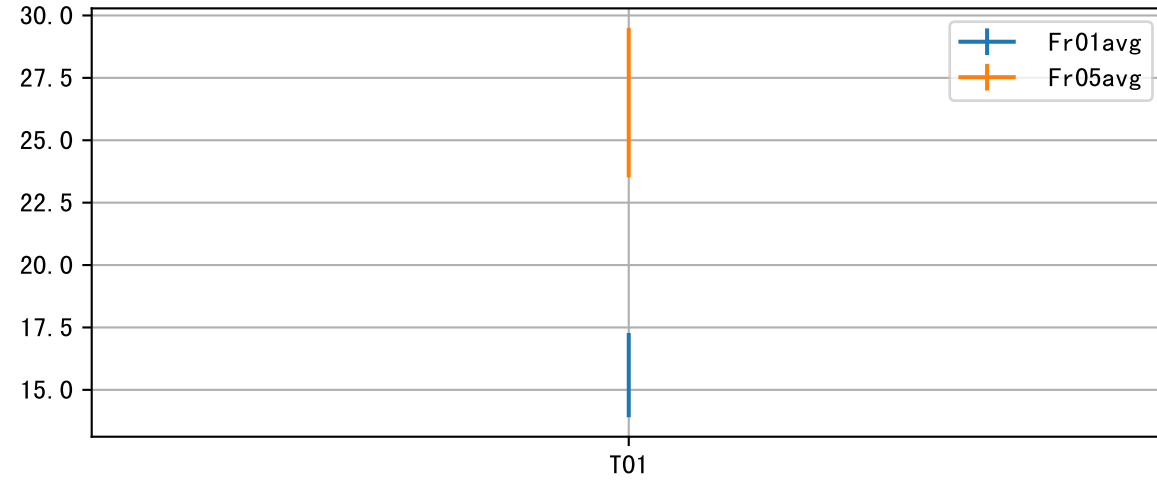
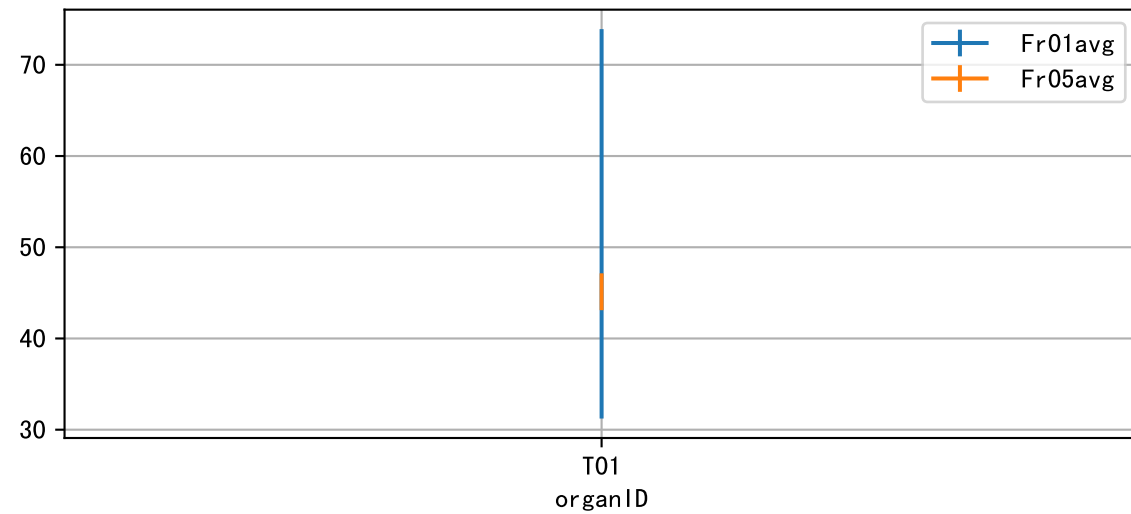


FrV trend at each age

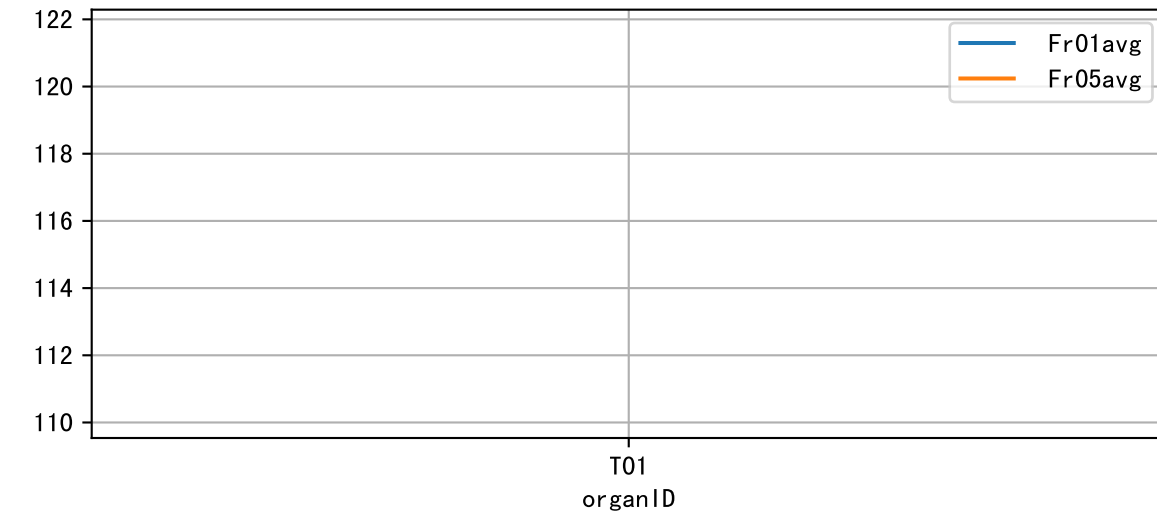
age=15



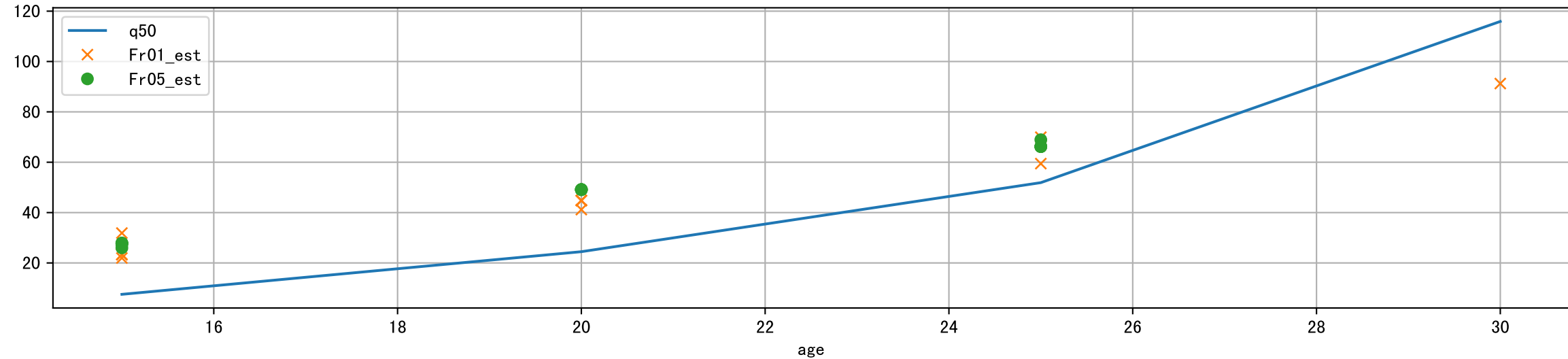
age=20

organID
age=25

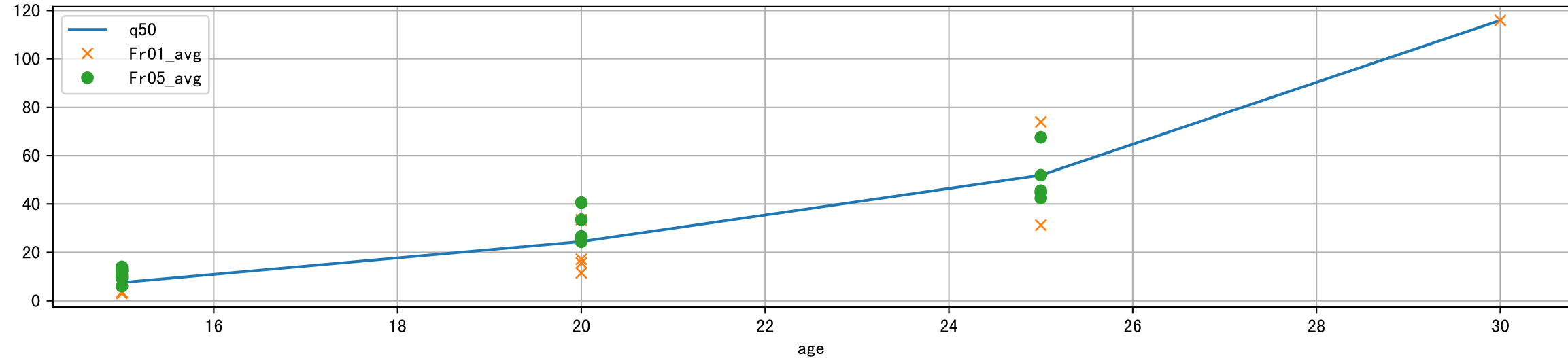
age=30



FrV: model Est vs obsFrV at Q90

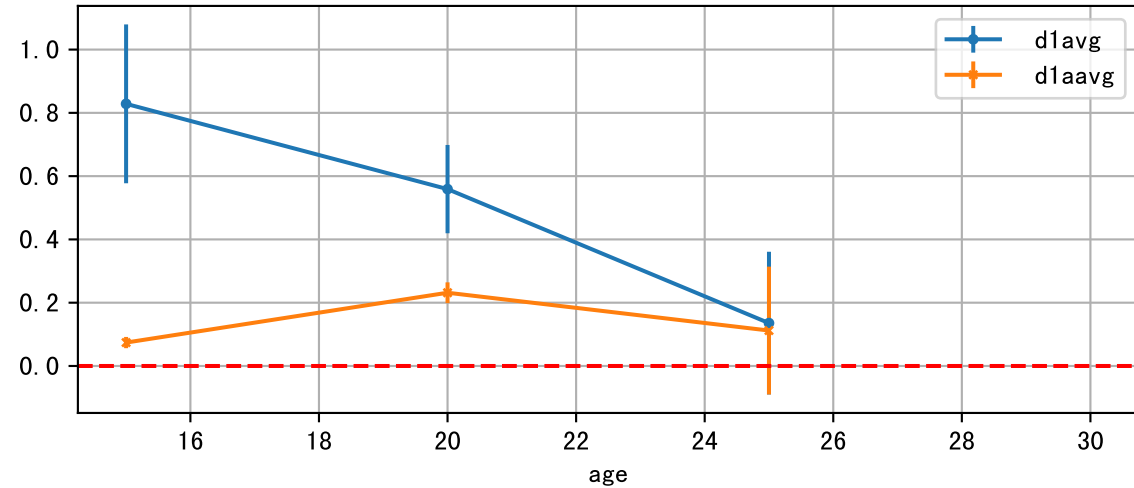


FrV: obsFrV vs obsFrV@Q90

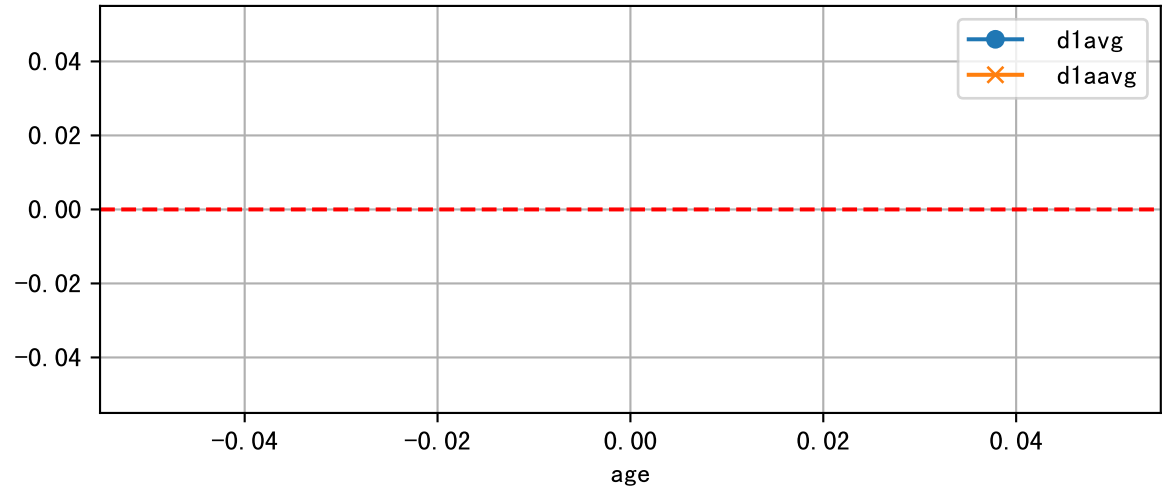


FrV: D_Fr1_FrV

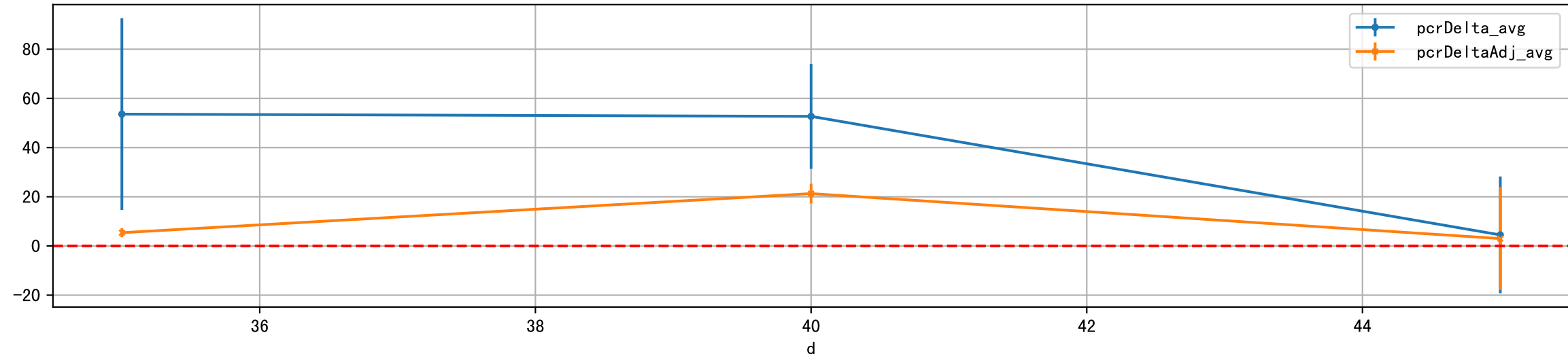
organID=1



organID=2

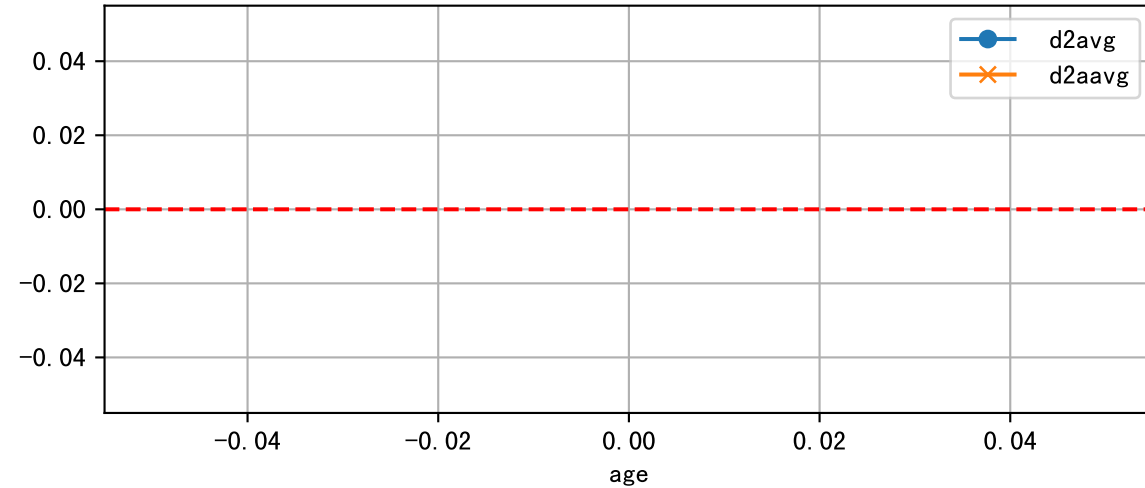


P6AW FrV: D_Fr1_FrV

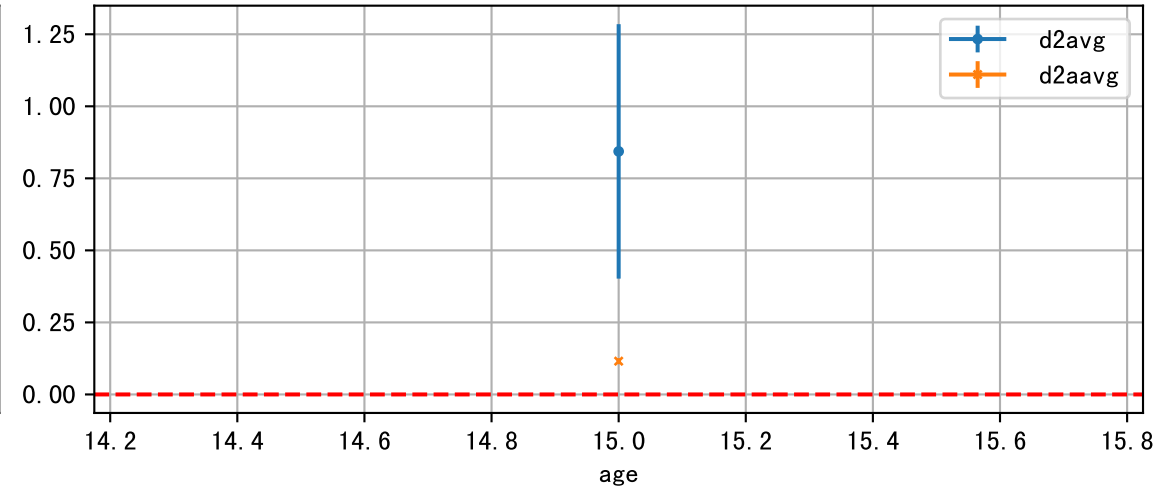


FrV: D_Ts_FrV

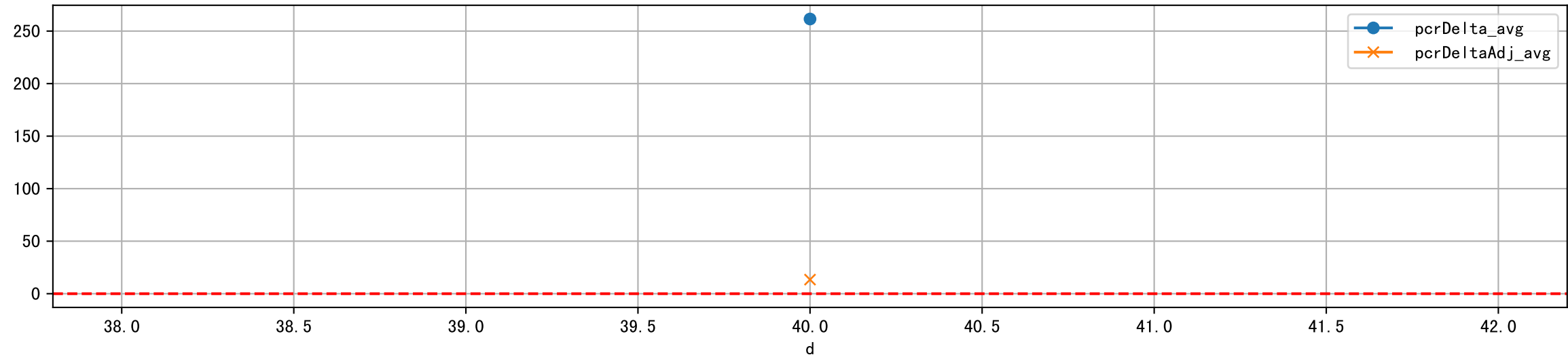
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organID=2

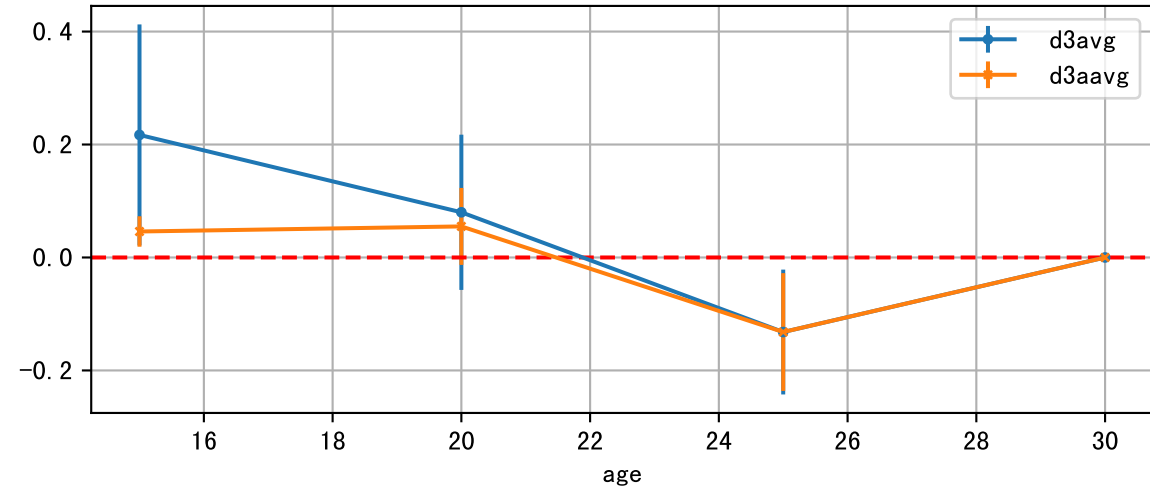


P6AW FrV: D_Ts_FrV

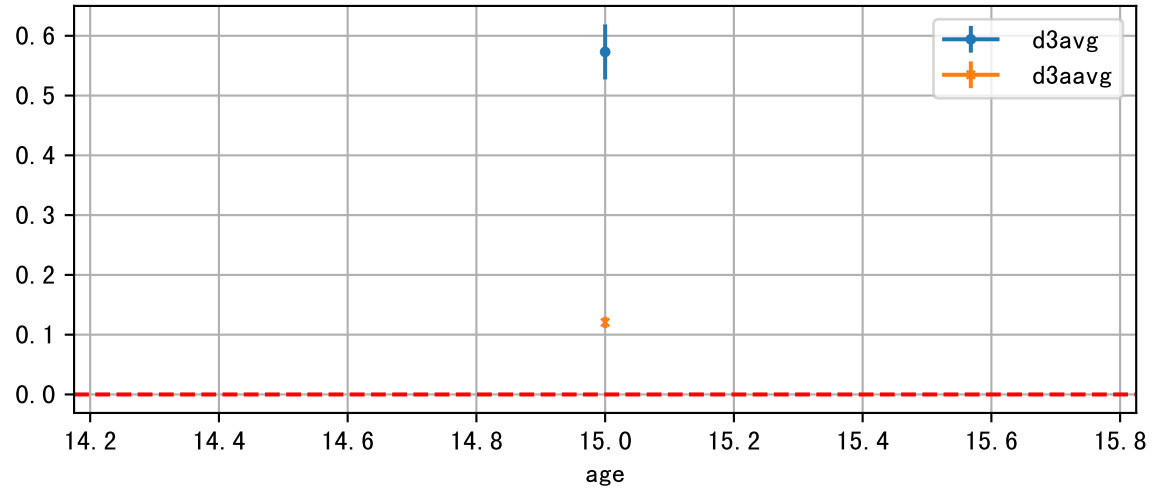


FrV: D_Q50_FrV

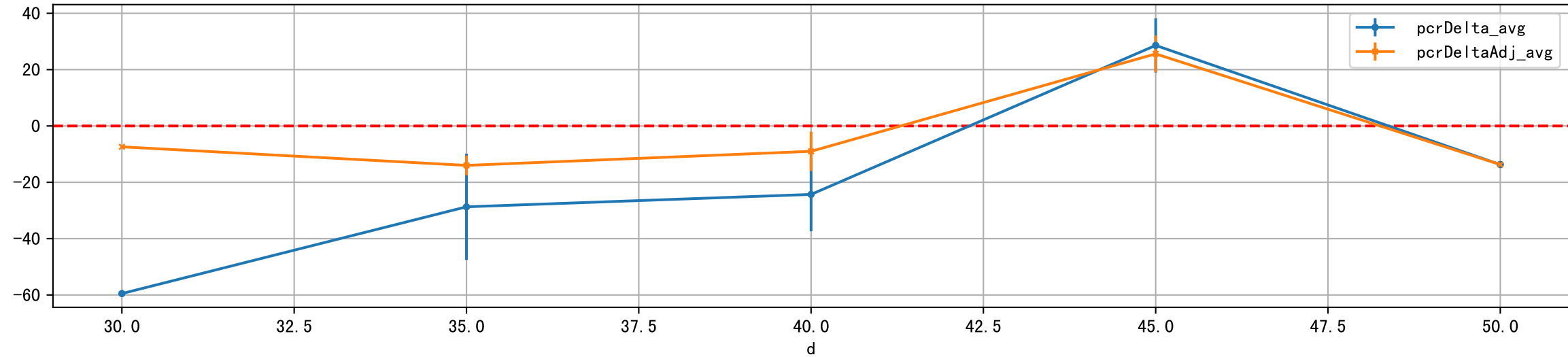
organID=1



organID=2

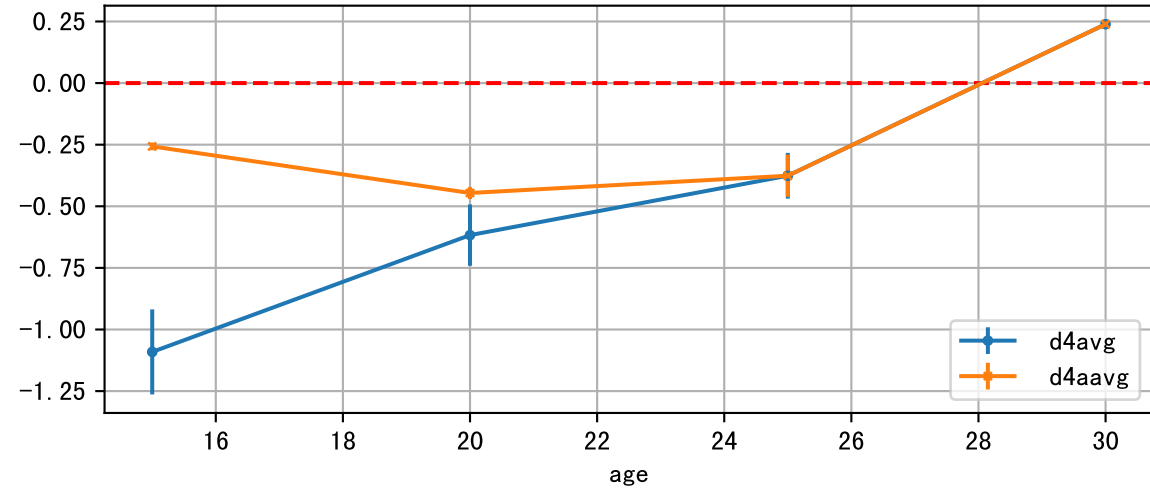


P6AW FrV: D_Q50_FrV

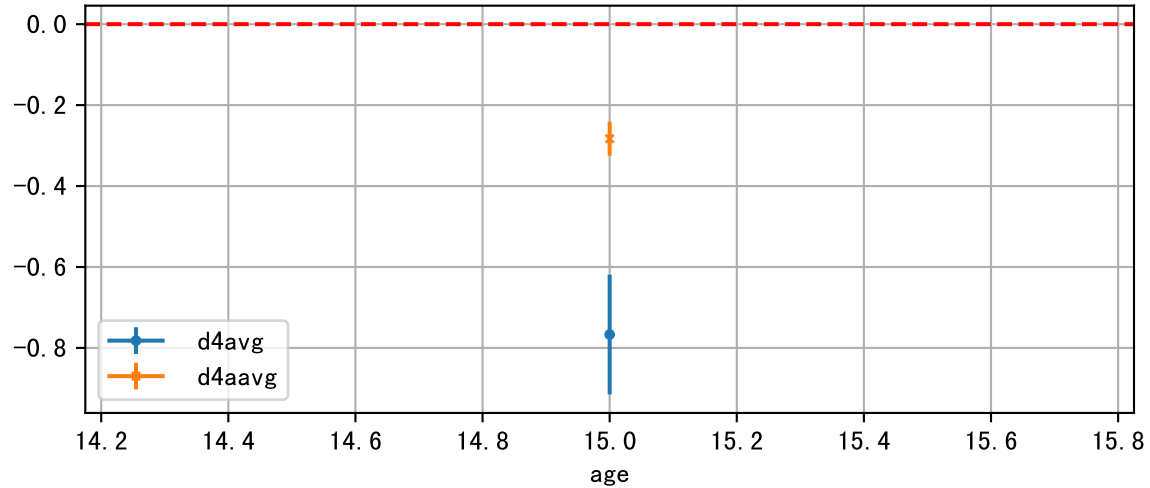


FrV: D_Est_FrV

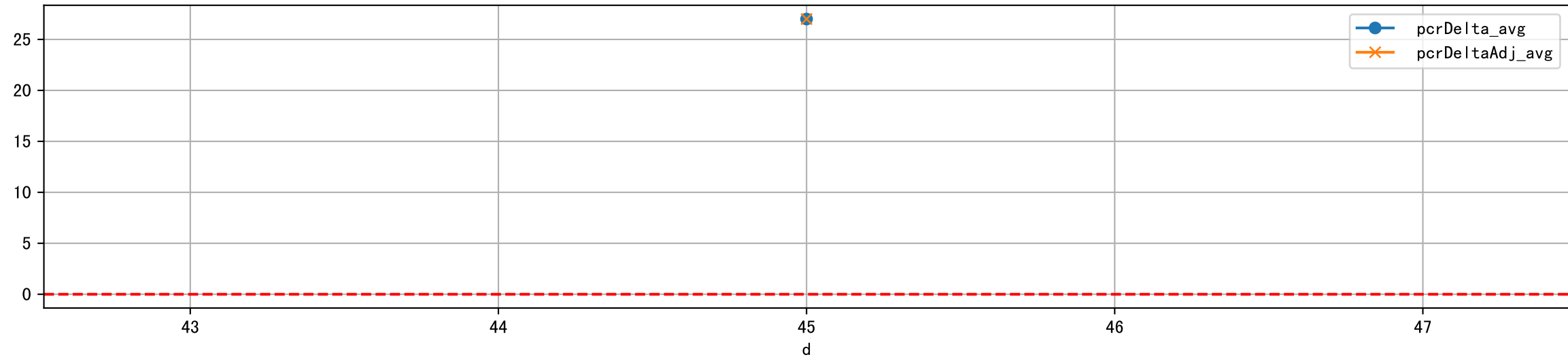
organID=1



organID=2



P6AW FrV: D_Est_FrV



P6AW FrV: sfDem

