

Phenotype Data Analysis Plots

PhenoData day range = 10 – 58

Analysis cutoff day = 58

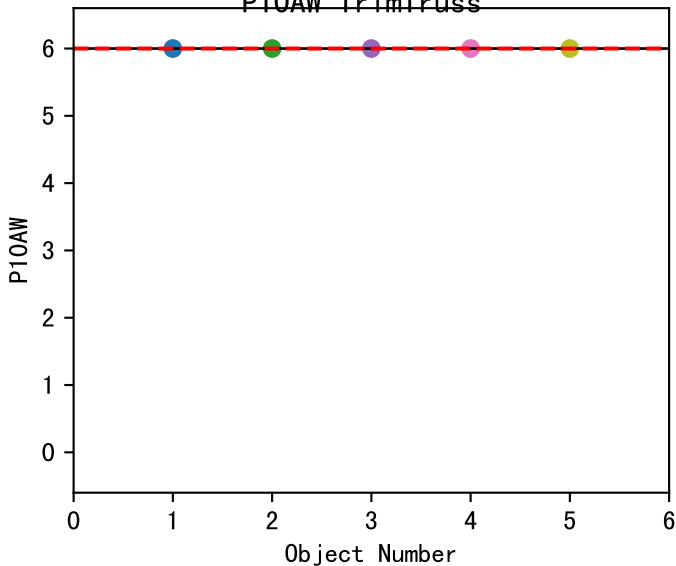
NC11 P10

2025-05-29 (Day 59)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

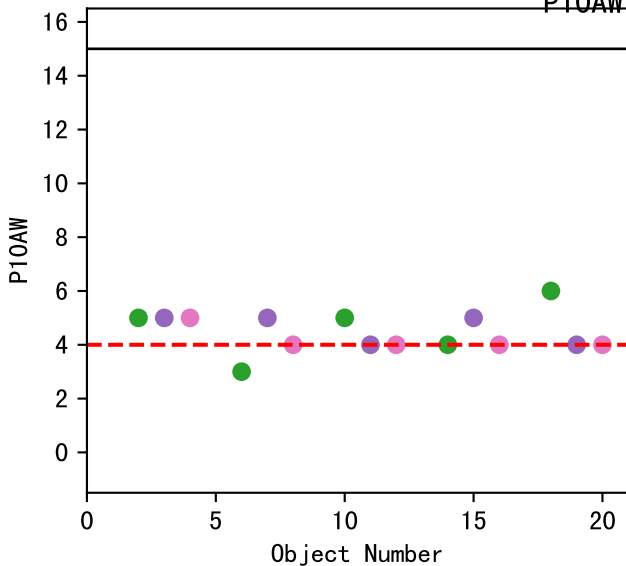
P10AW TrimTruss



FruitNumAvgPerTruss (Def=15 Set=4)

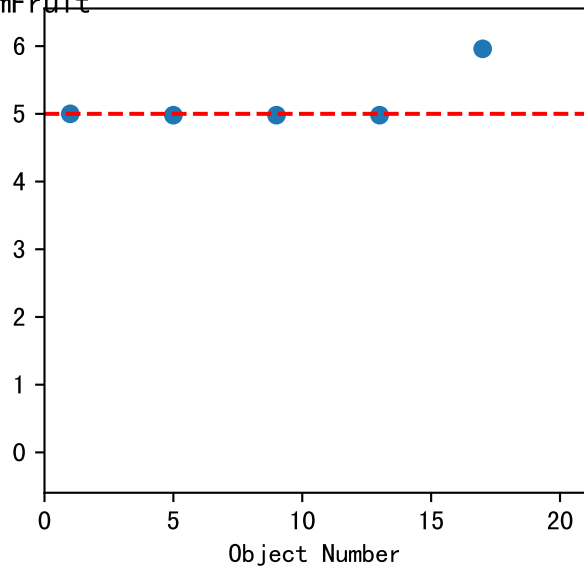
avg1=4.0~19% avg2=na

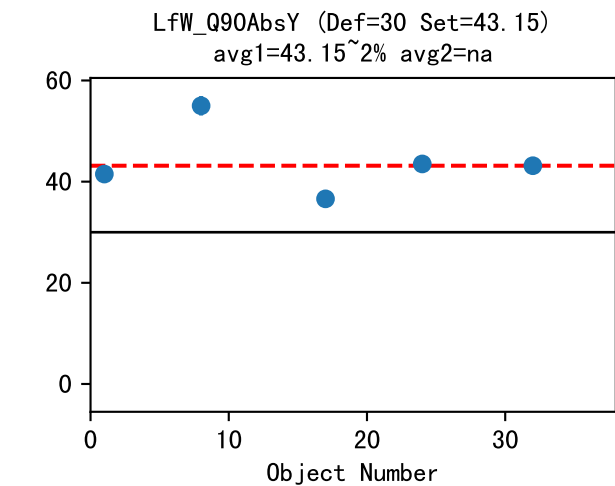
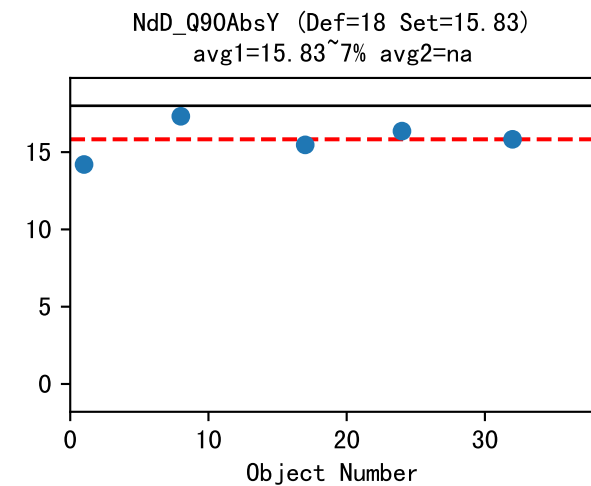
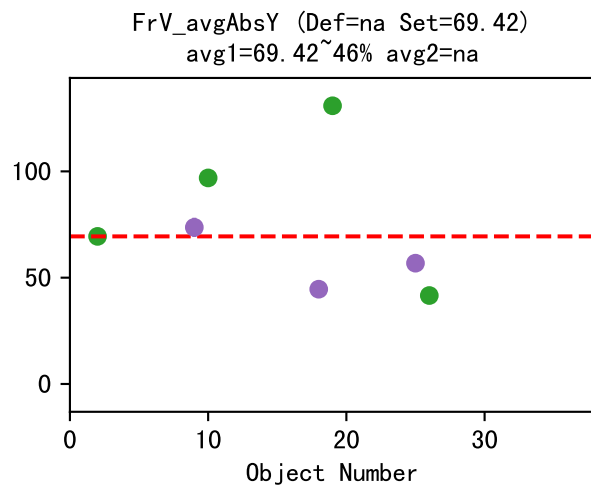
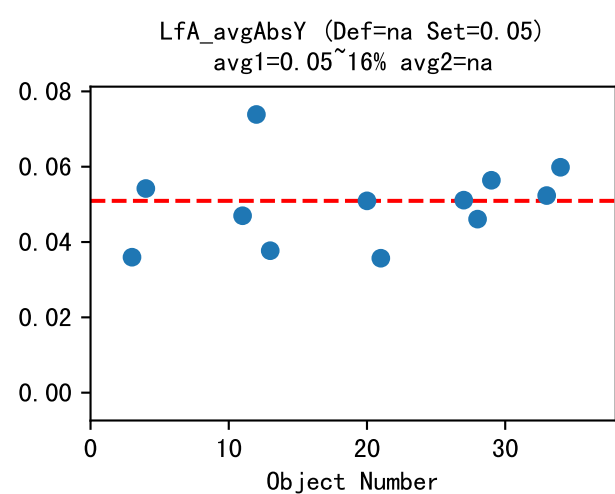
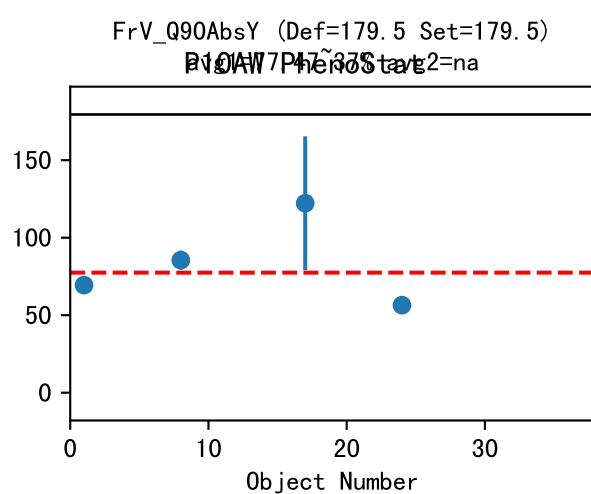
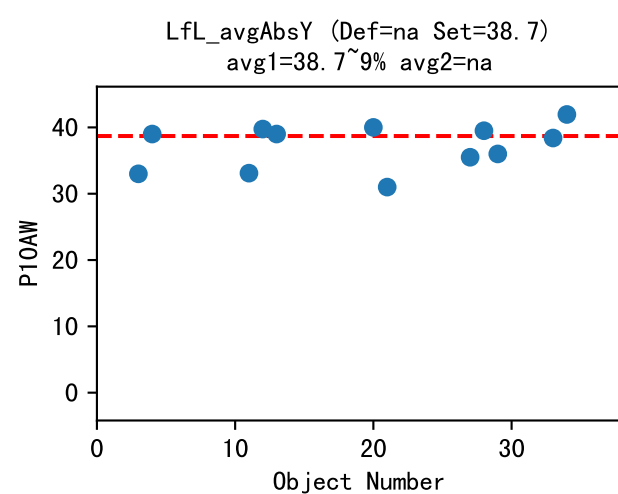
P10AW TrimFruit

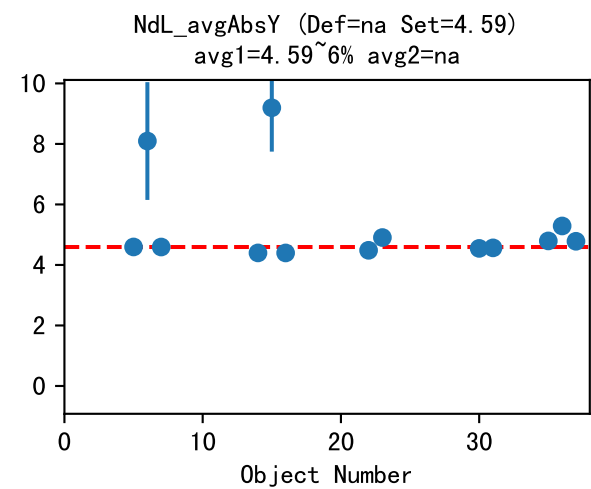
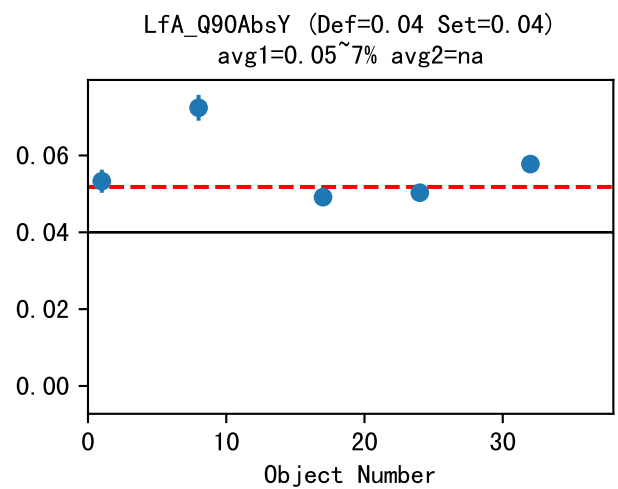
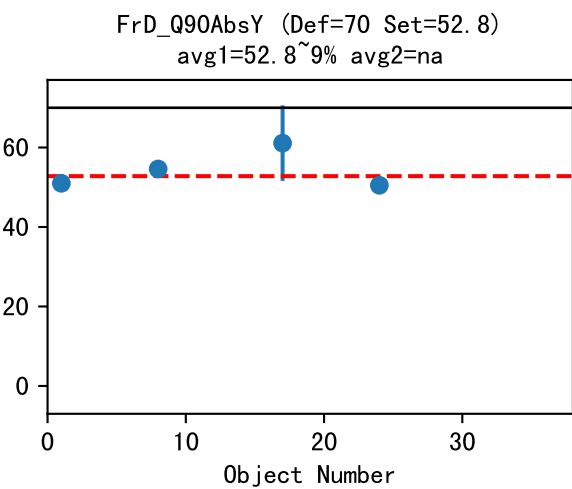
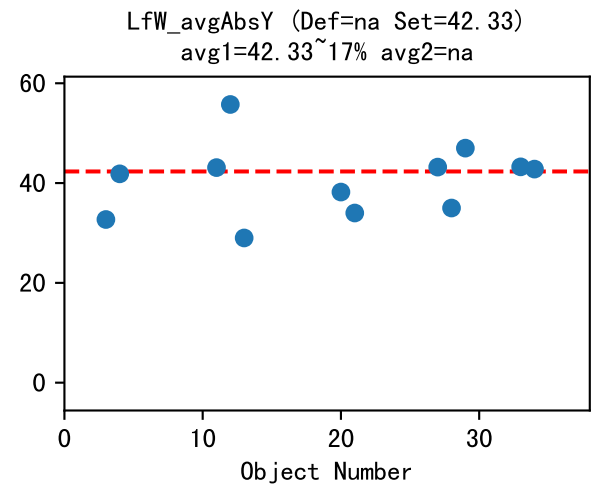
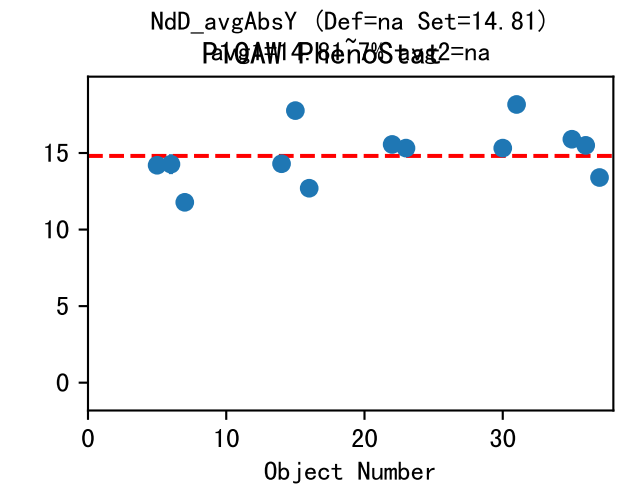
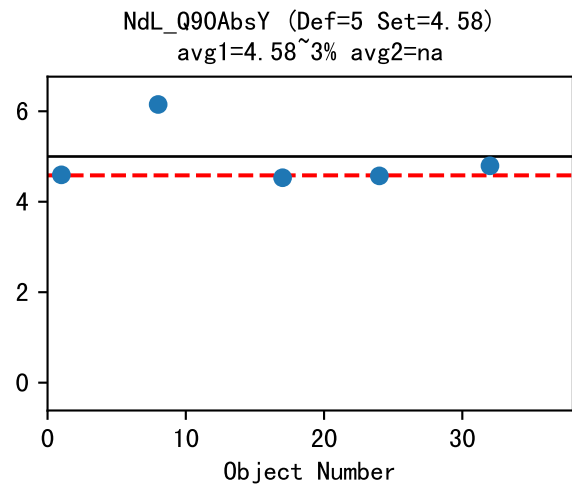


FruitNumMaxPerTruss (Def=na Set=5)

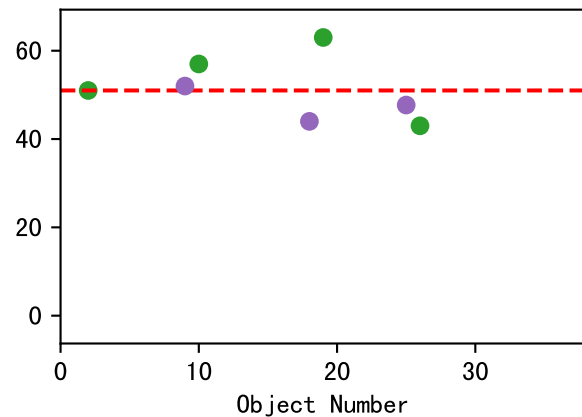
avg1=5.0~0% avg2=na



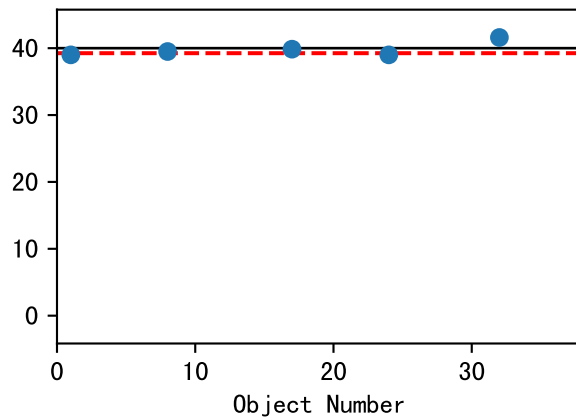




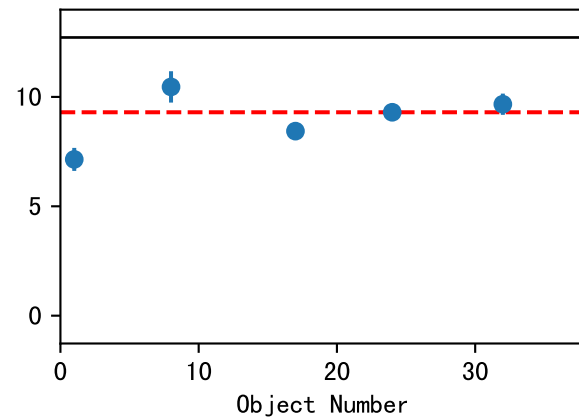
FrD_avgAbsY (Def=na Set=51.0)
avg1=51.0~14% avg2=na



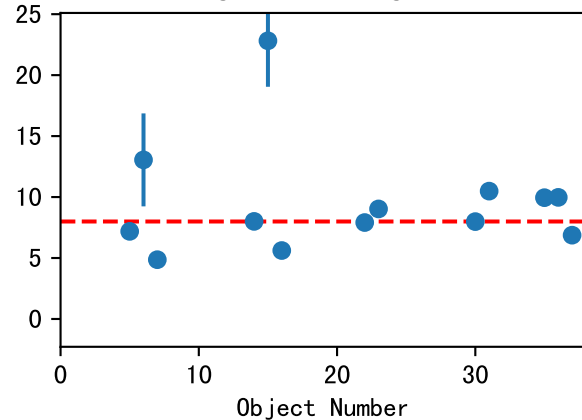
LfL_Q90AbsY (Def=40 Set=39.25)
avg1=39.25~1% avg2=na



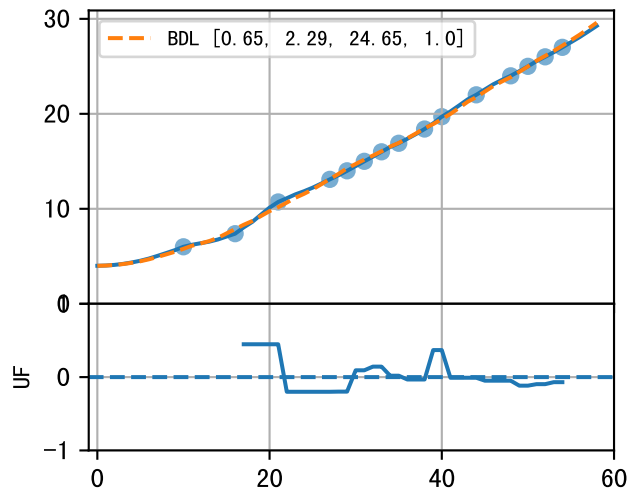
NdV_Q90AbsY (Def=12.72 Set=9.3)
avg1=9.3~14% avg2=na



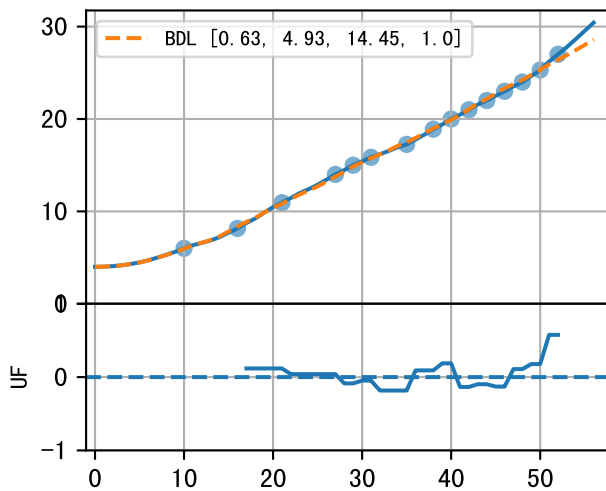
NdV_avgAbsY (Def=na Set=8.0)
avg1=8.0~28% avg2=na



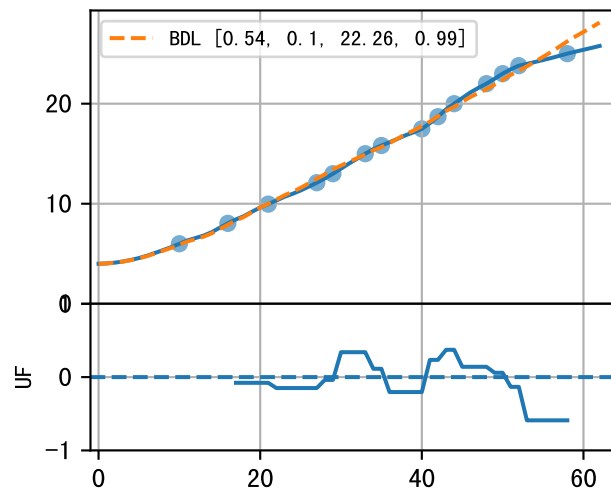
P10AW-003-11 (fit failed)



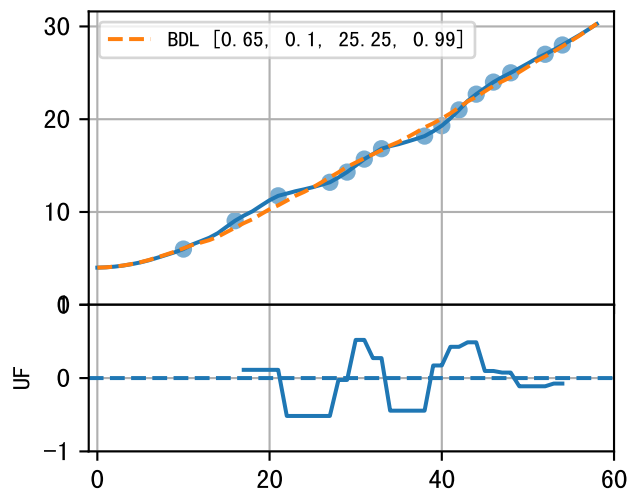
P10AW-016-21 (fit failed)



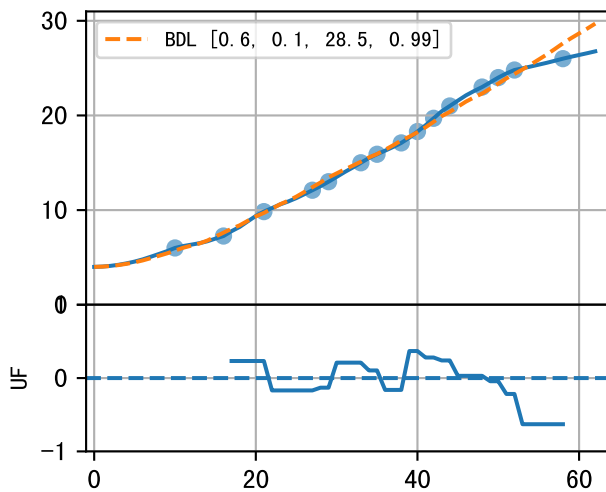
P10AW-029-30 (fit failed)



P10AW-041-24 (fit failed)



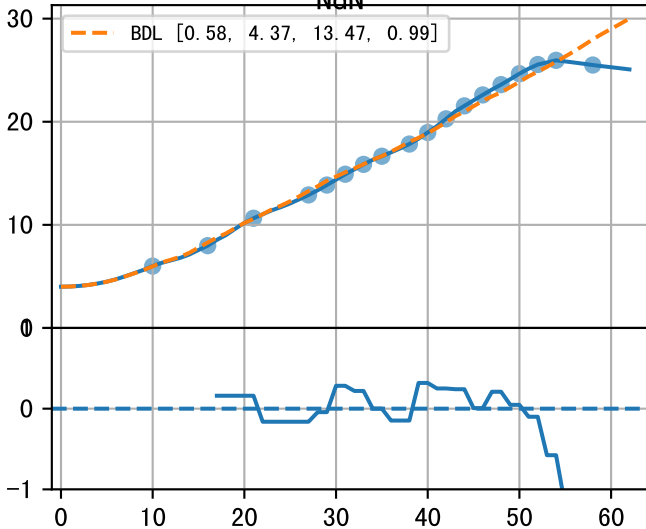
P10AW-054-10 (fit failed)



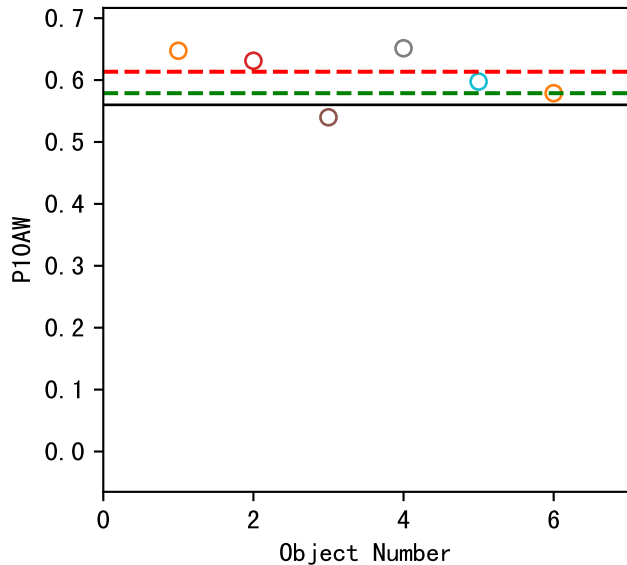
P10AWavg (fit failed) N_{eff}

BDL [0.58, 4.37, 13.47, 0.99]

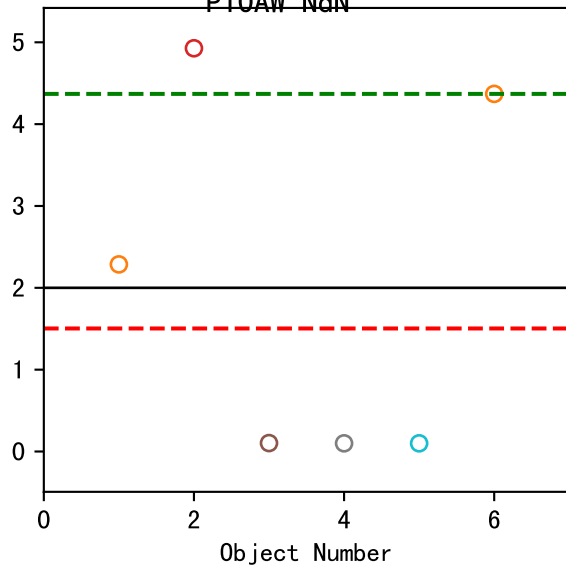
UF



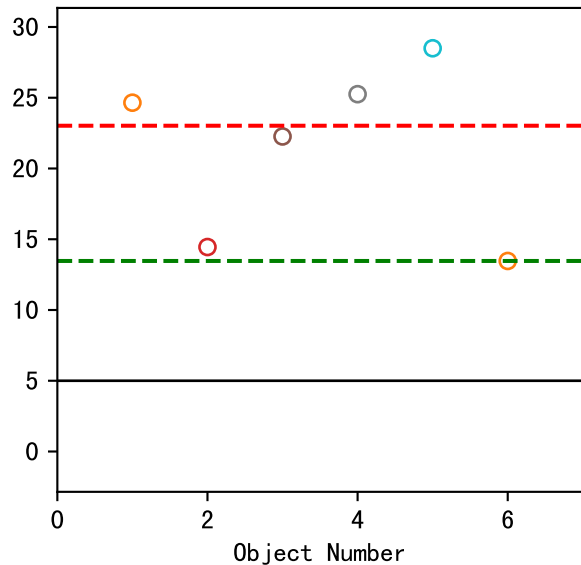
a (Def=0.56 Set=0.58)
avg1=0.61(fail) avg2=0.58



dm (Def=2 Set=4.37)
avg1=1.5(fail) avg2=4.37



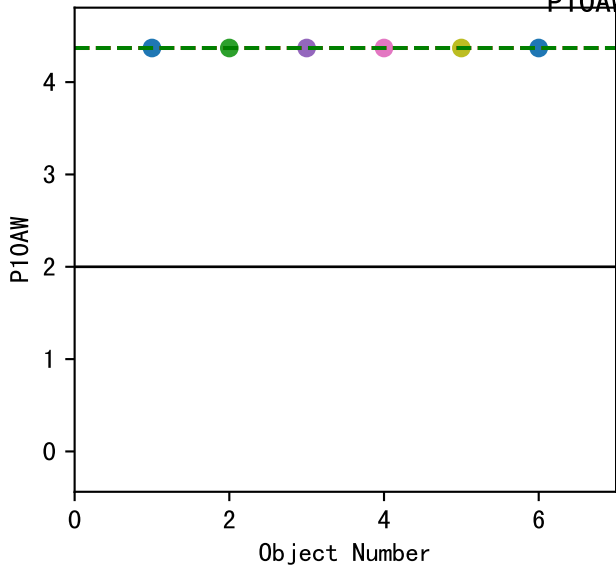
de (Def=5 Set=13.47)
avg1=23.02(fail) avg2=13.47



InitDev_dm (Def=2 Set=4.37)

avg1=4.37~0% avg2=4.37

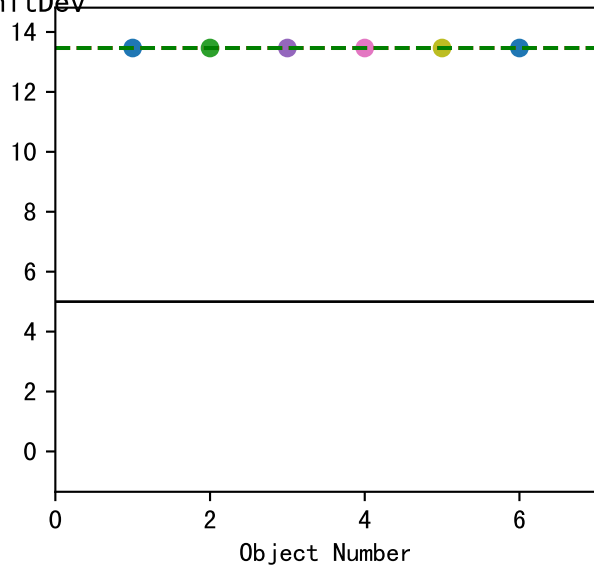
P10AW



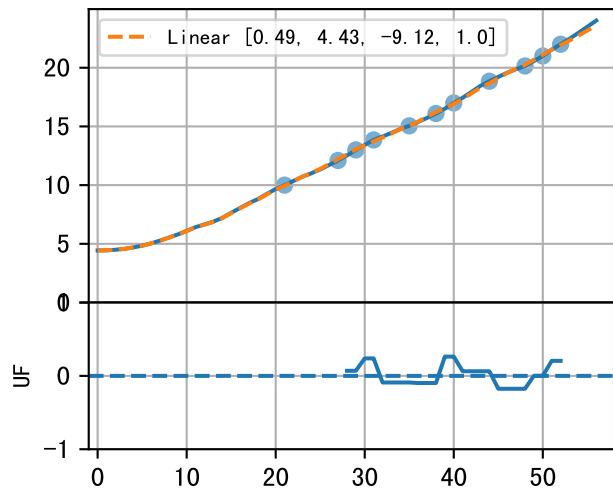
InitDev_de (Def=5 Set=13.47)

avg1=13.47~0% avg2=13.47

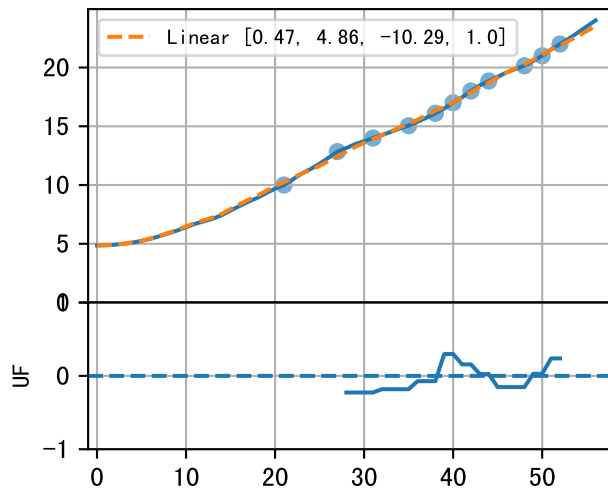
InitDev



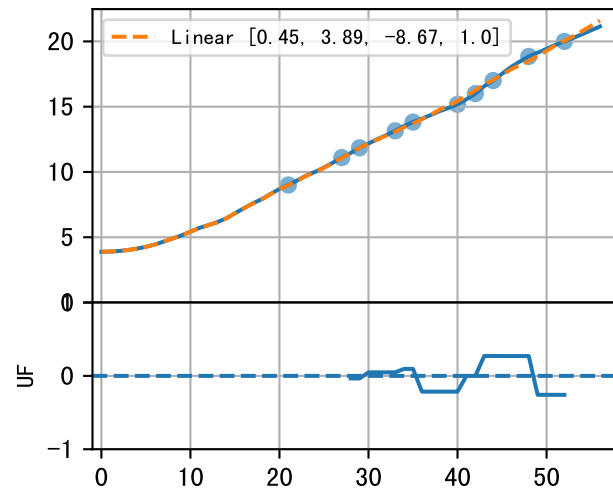
P10AW-003-11



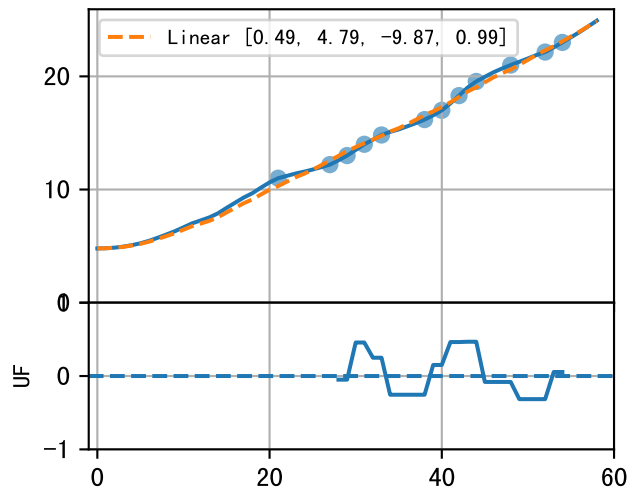
P10AW-016-3



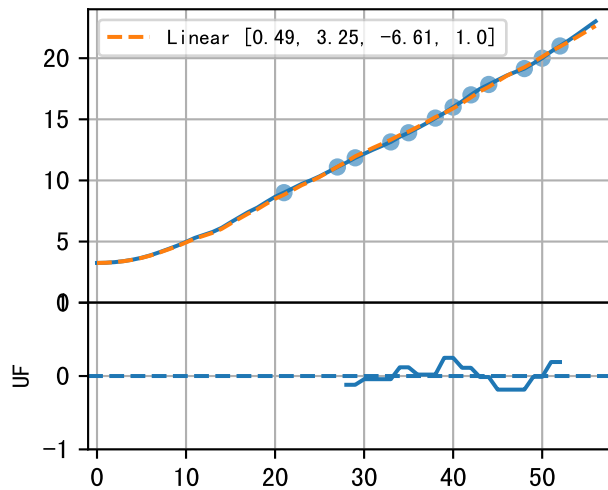
P10AW-029-30



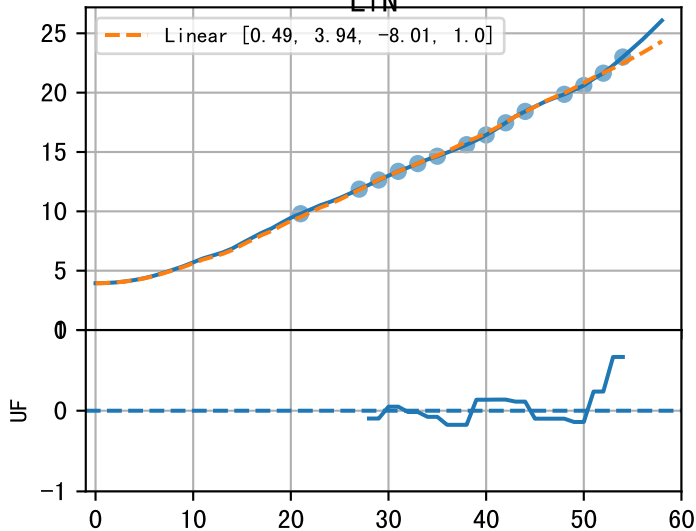
P10AW-041-24



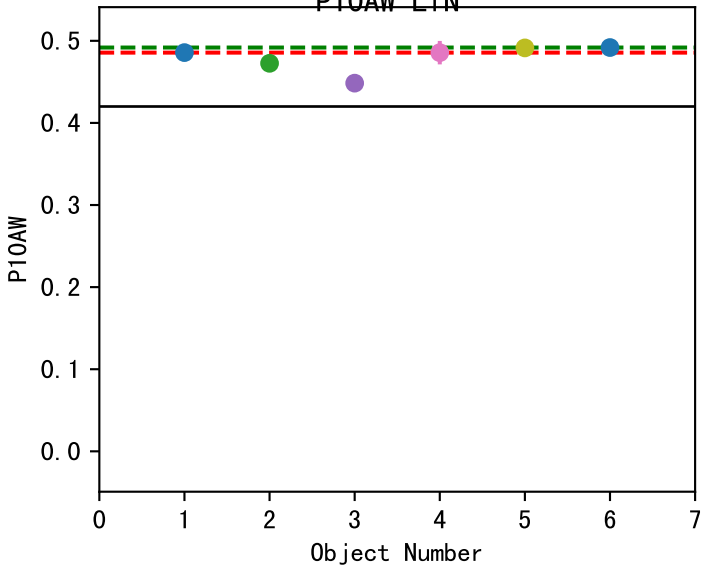
P10AW-054-10



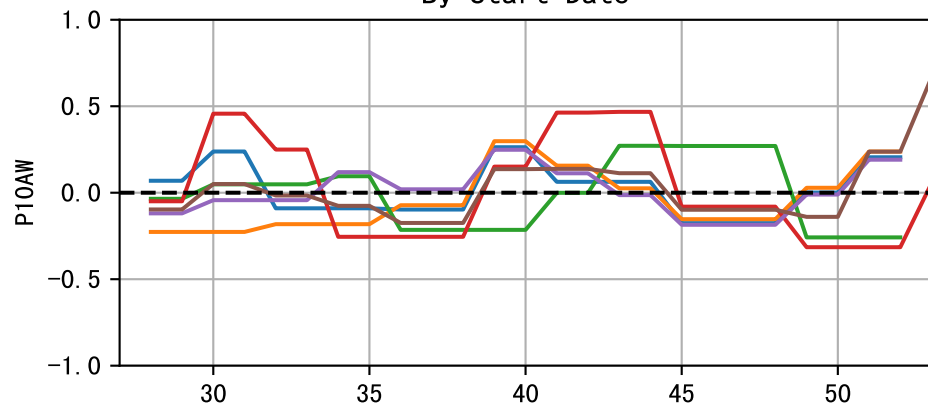
P10AWavg
Lfn



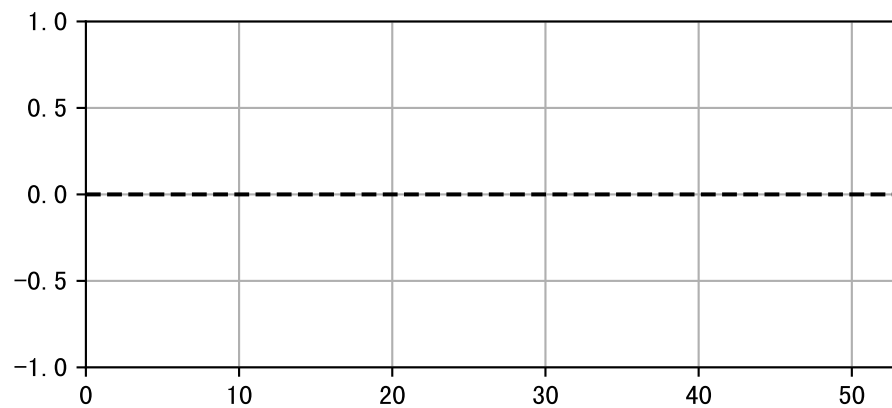
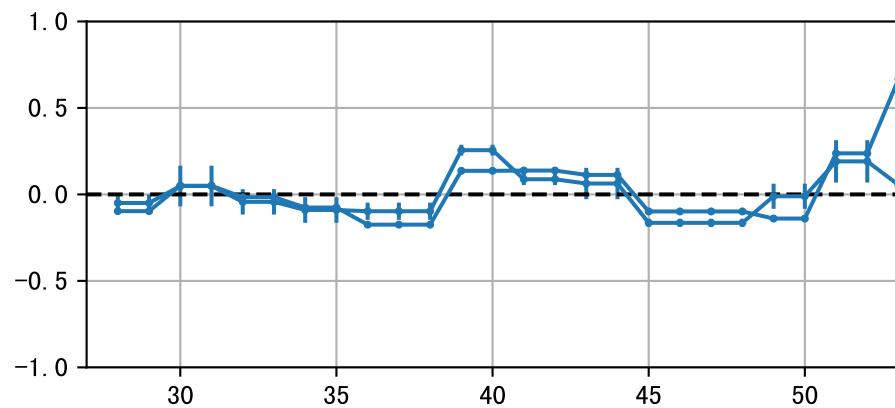
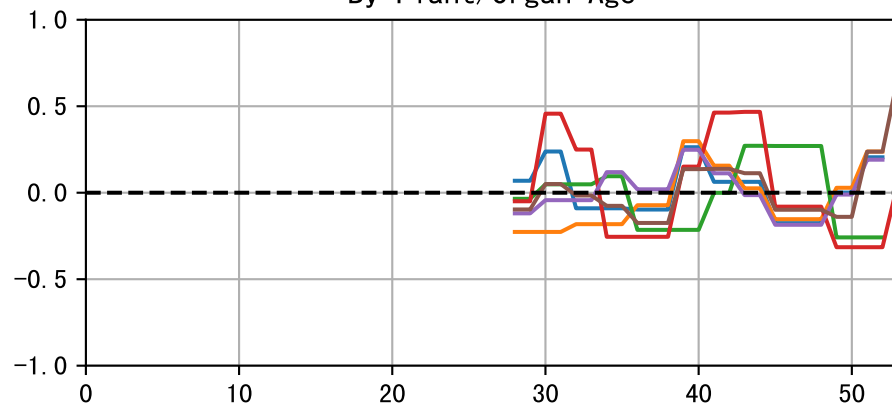
a (Def=0.42 Set=0.49)
avg1=0.49 $\sim$ 2% avg2=0.49 $\sim$ 3%
P10AW LFN



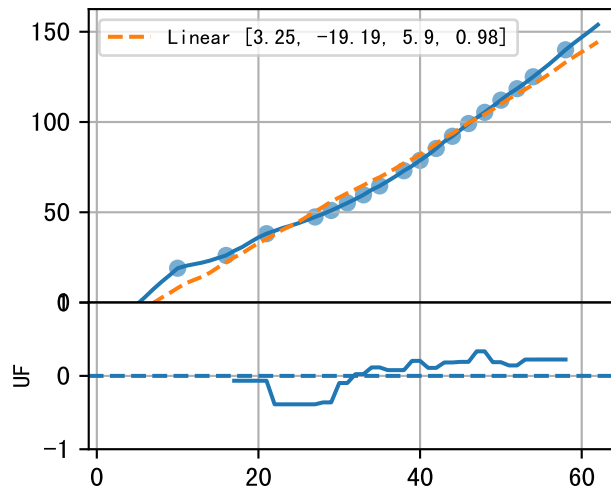
By Start Date



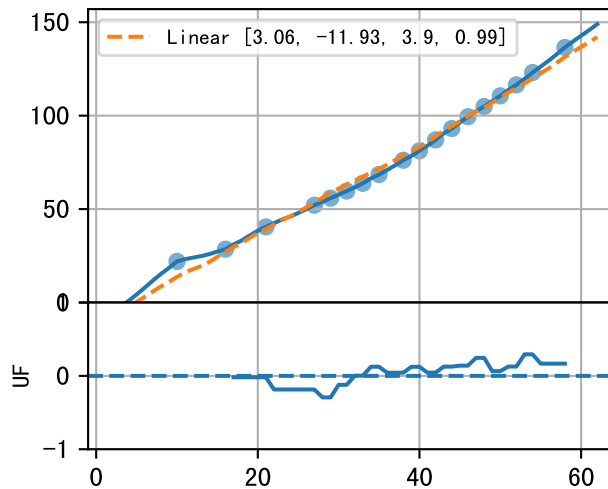
By Plant/Organ Age



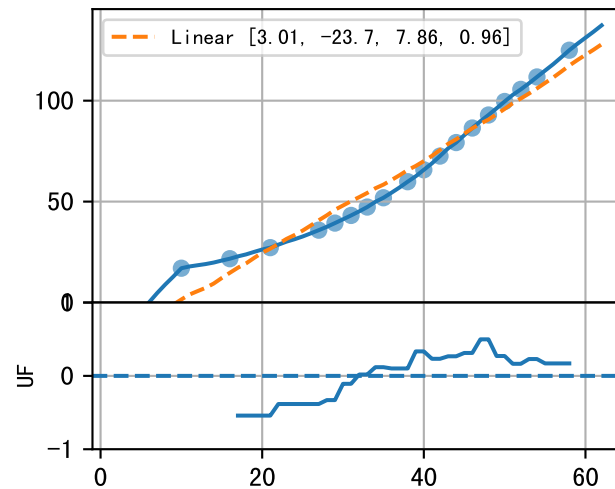
P10AW-003-11



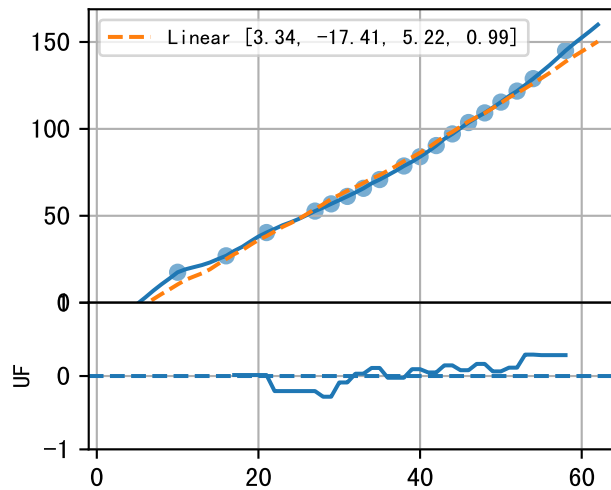
P10AW-016-3



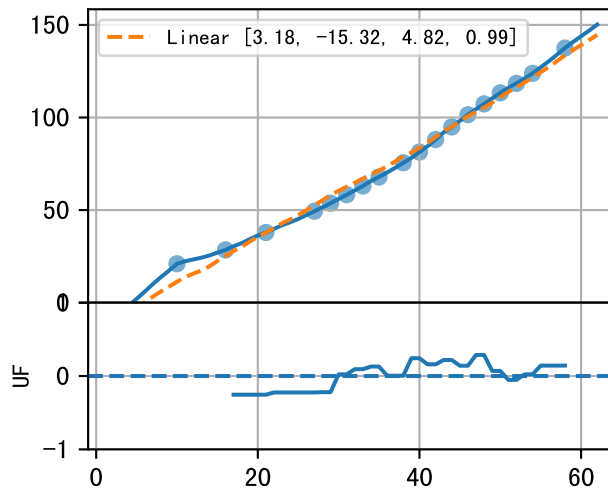
P10AW-029-30



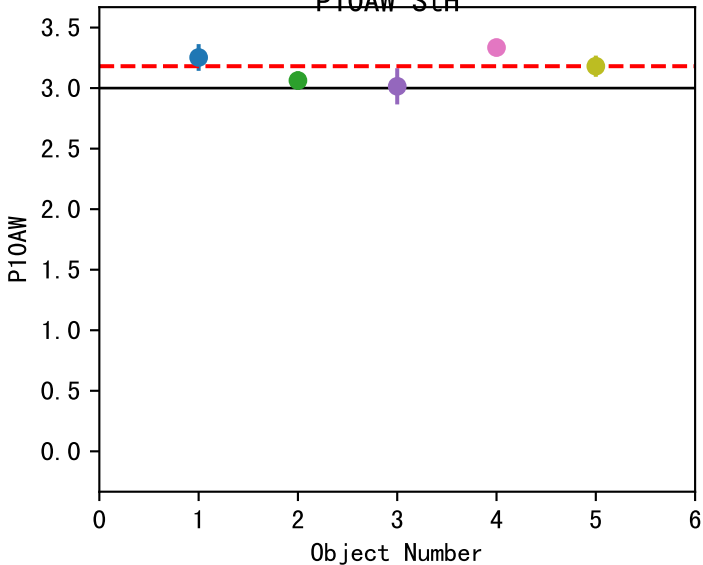
P10AW-041-24



P10AW-054-10

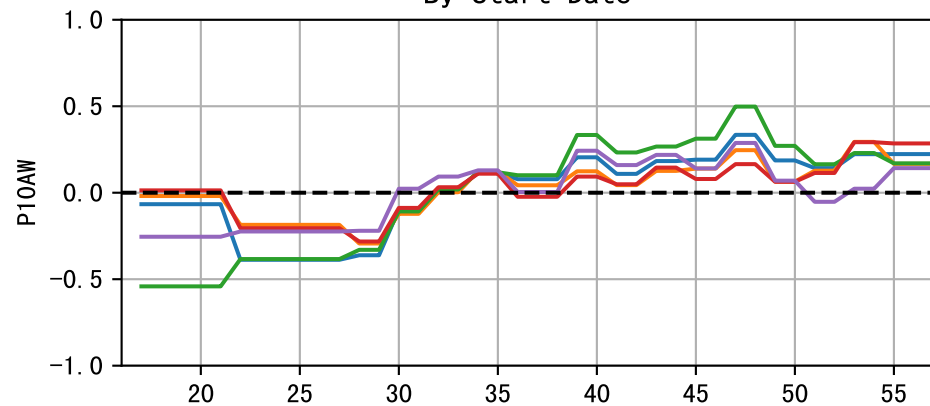


a (Def=3 Set=3.18)
avg1=3.18 $\sim$ 4% avg2=na
P10AW StH

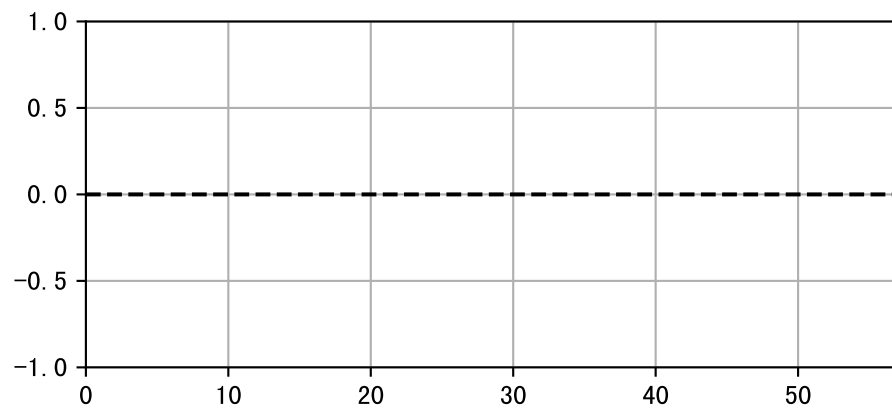
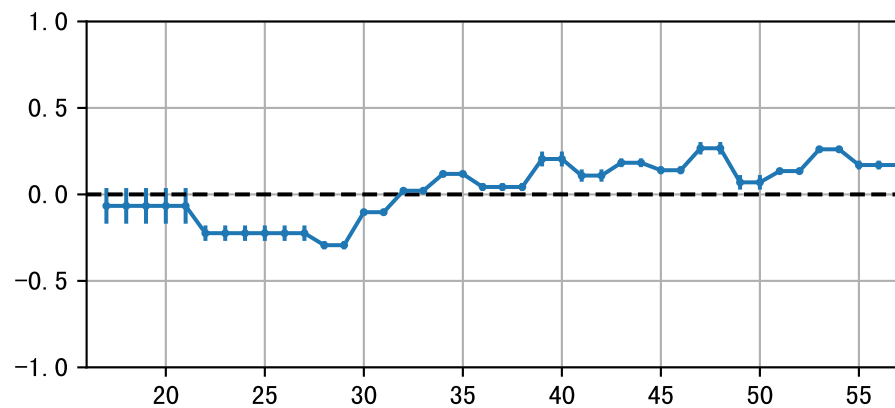
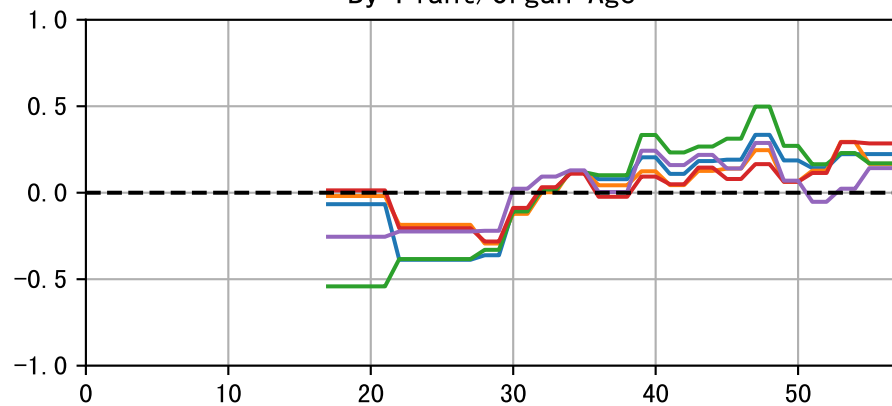


StH

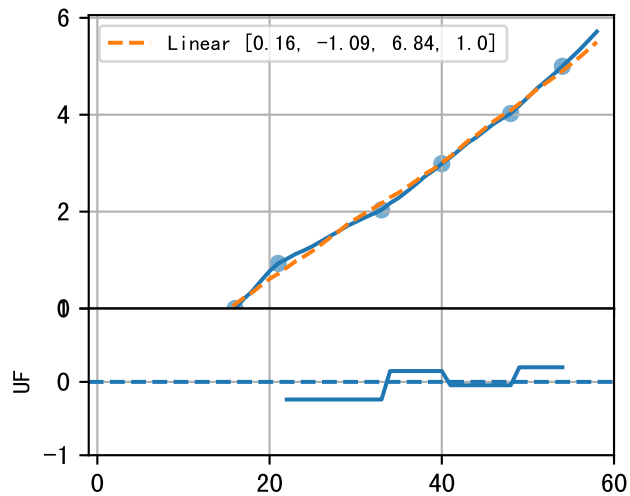
By Start Date



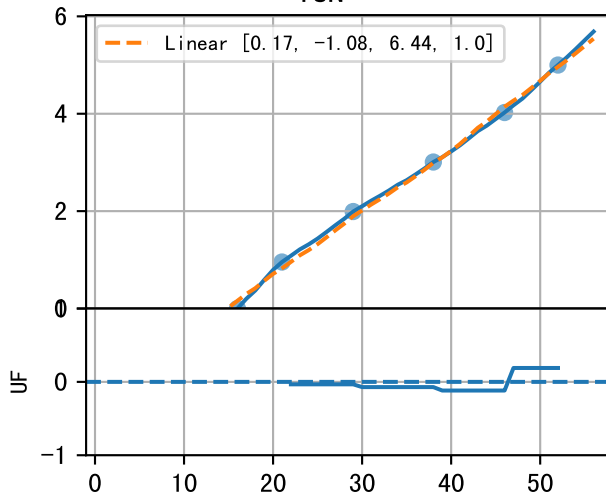
By Plant/Organ Age



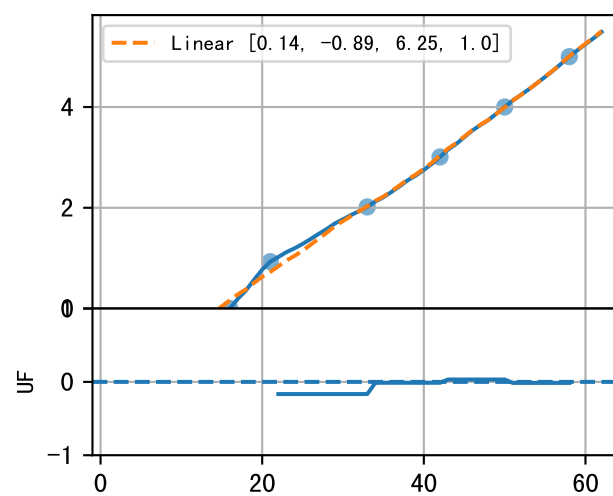
P10AW-003-11



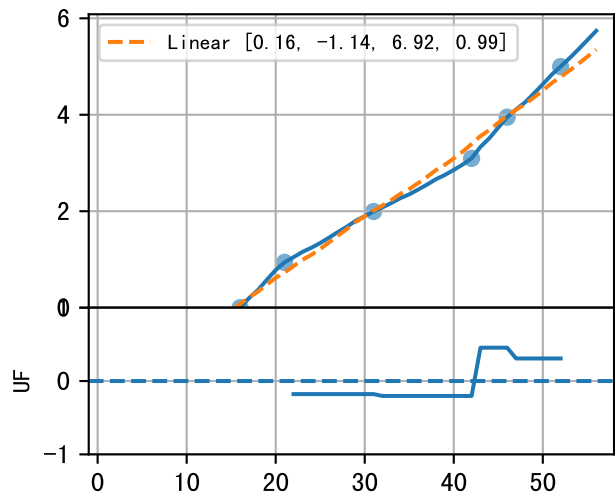
P10AW-016-3



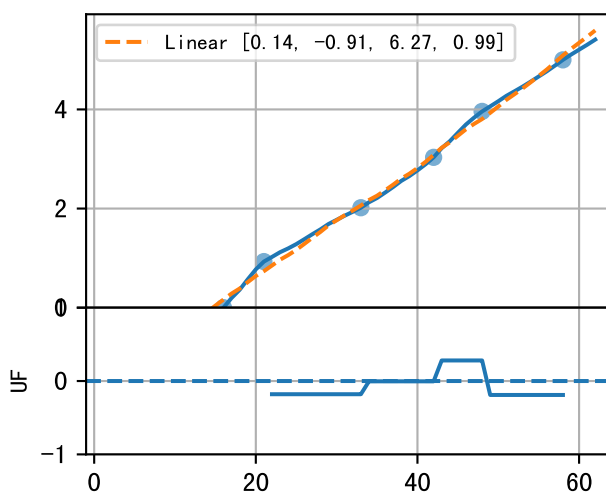
P10AW-029-30



P10AW-041-24



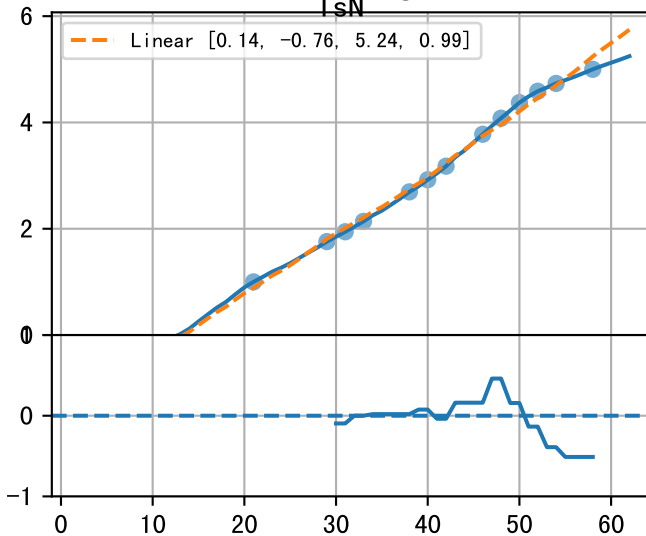
P10AW-054-10



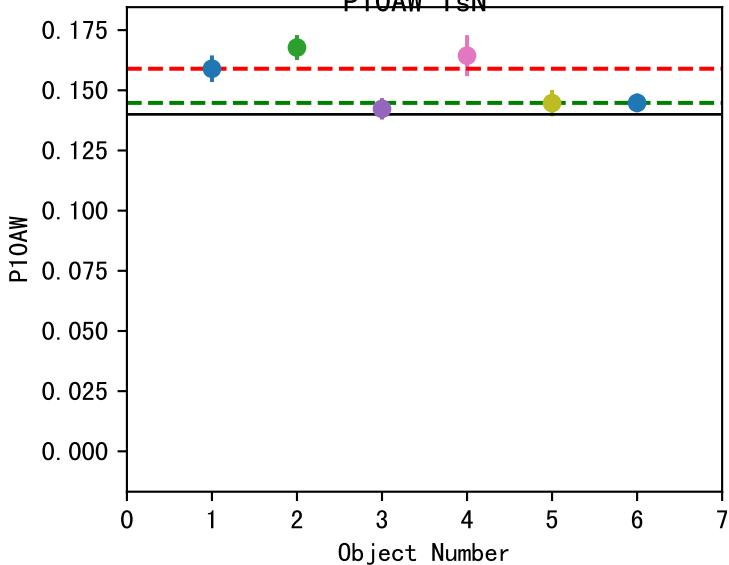
P10AWavg
TSN

Linear [0.14, -0.76, 5.24, 0.99]

UF

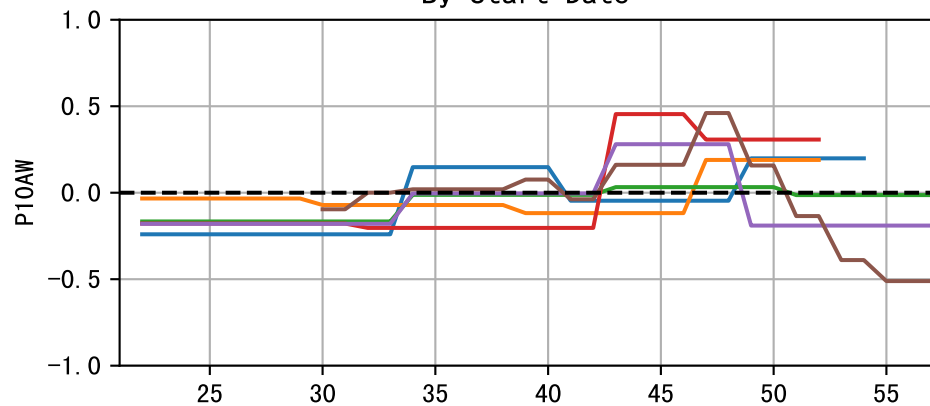


a (Def=0.14 Set=0.14)
avg1=0.16 $\sim$ 7% avg2=0.14 $\sim$ 6%
P10AW TSN

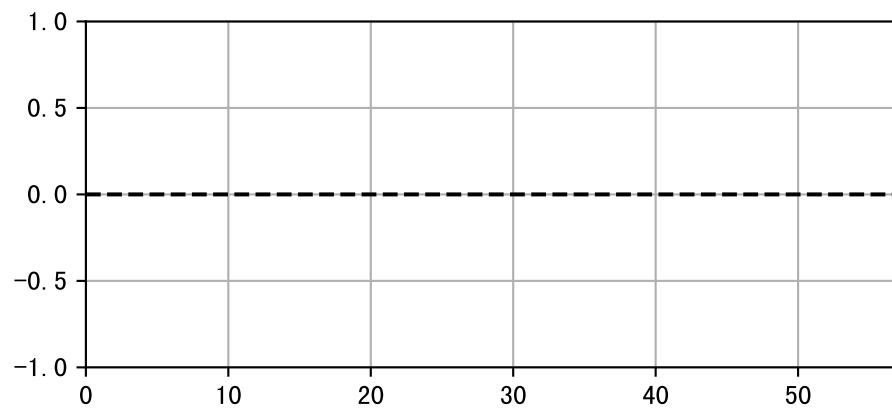
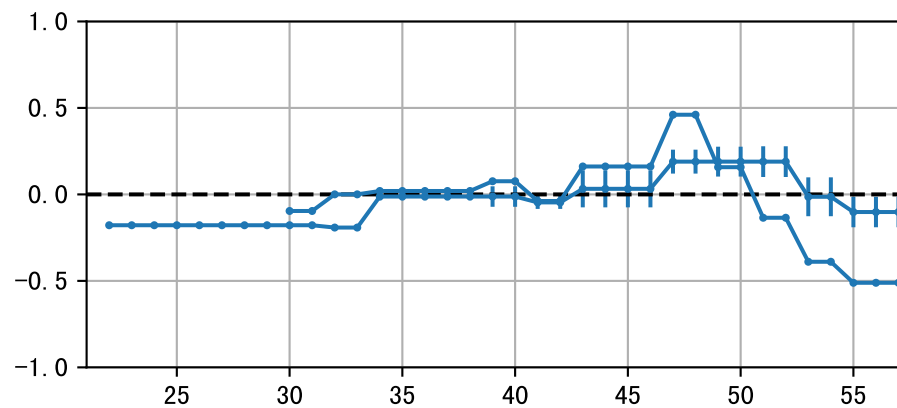
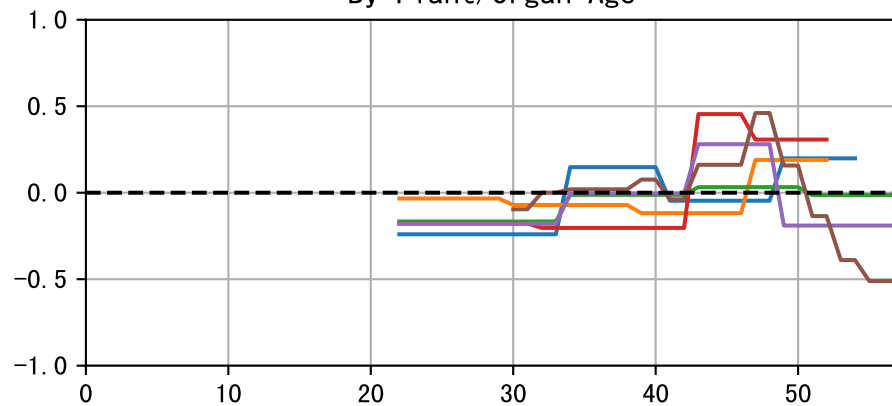


TsN

By Start Date

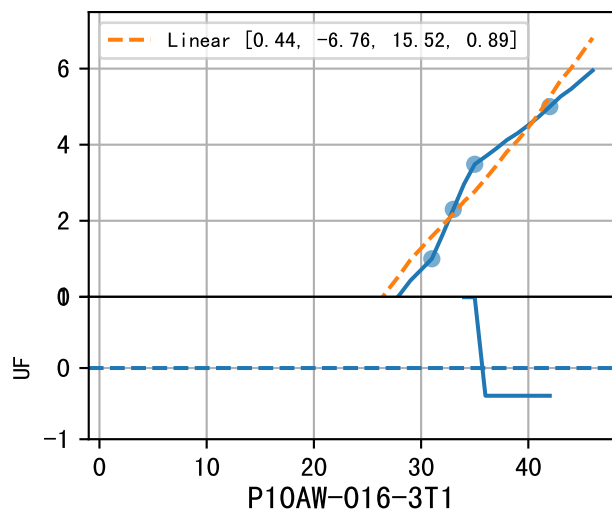


By Plant/Organ Age

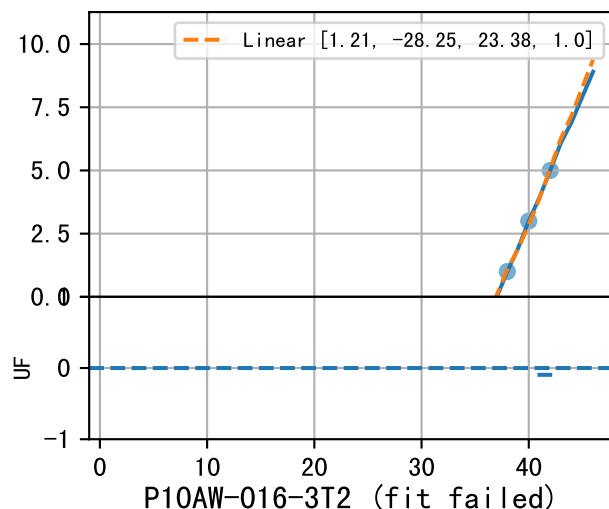


ErN

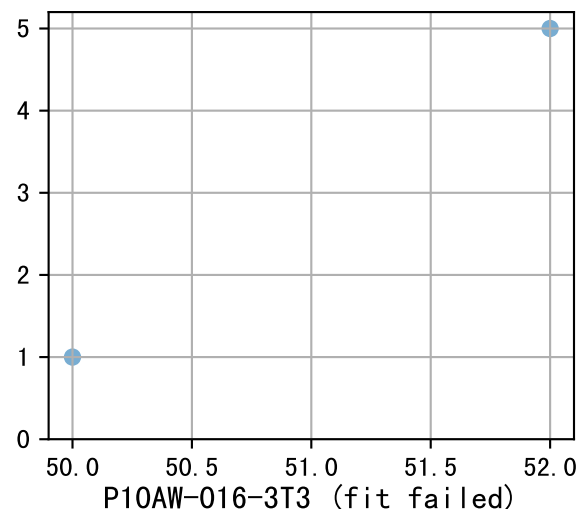
P10AW-003-11T1



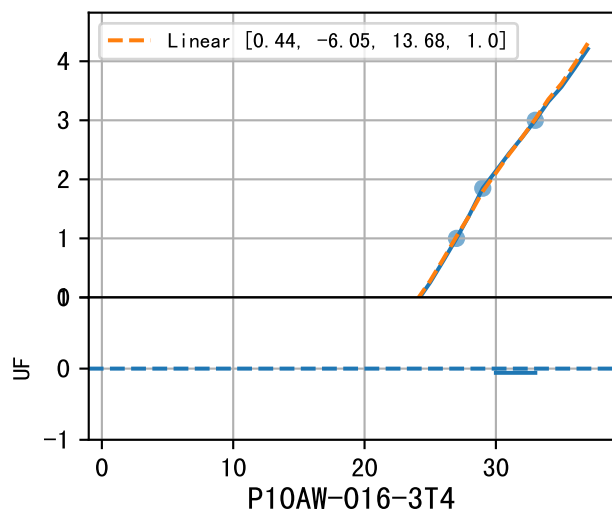
P10AW-003-11T2



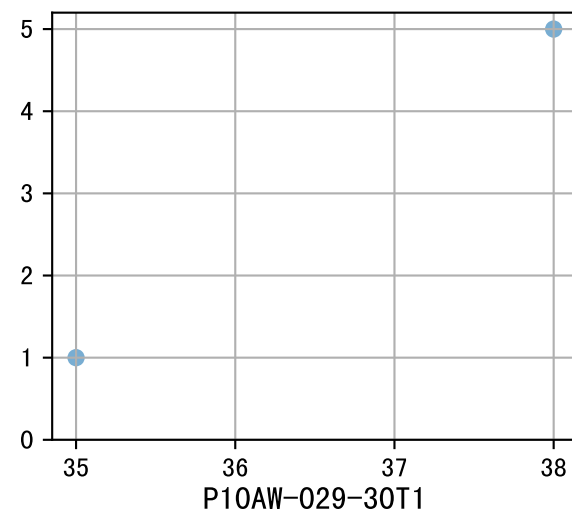
P10AW-003-11T3 (fit failed)



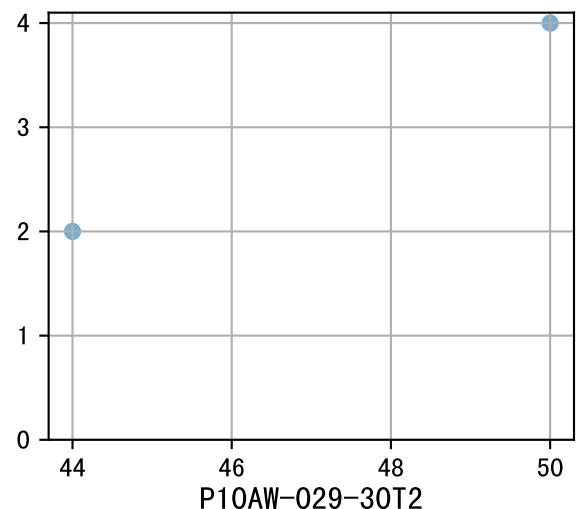
P10AW-016-3T1



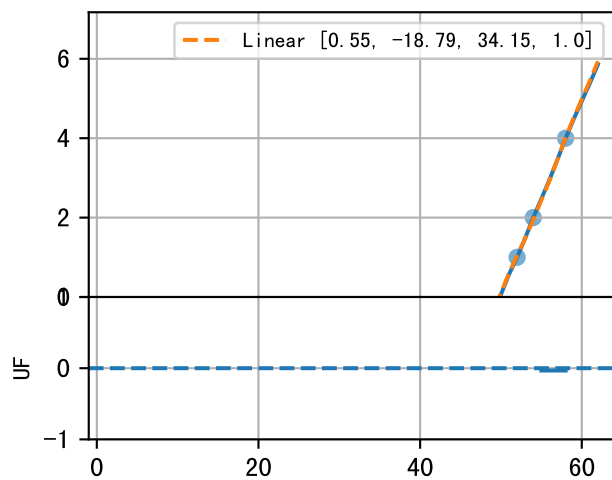
P10AW-016-3T2 (fit failed)



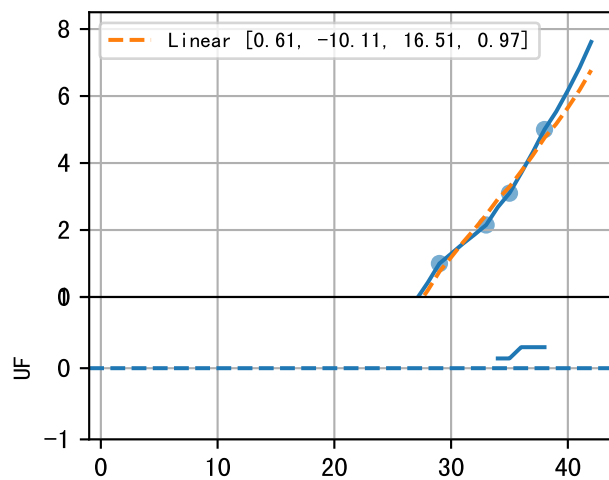
P10AW-016-3T3 (fit failed)



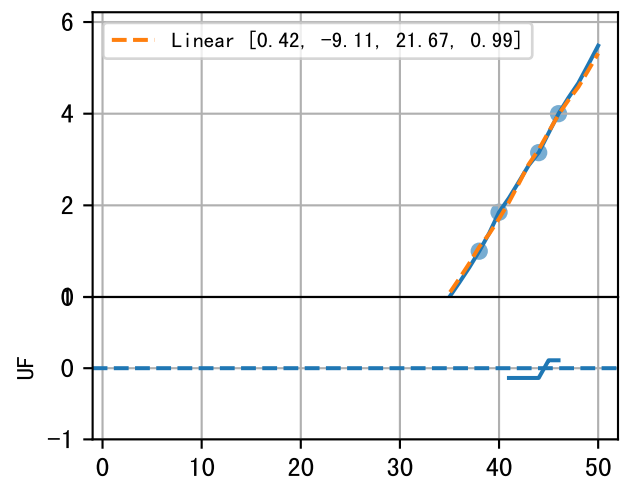
P10AW-016-3T4



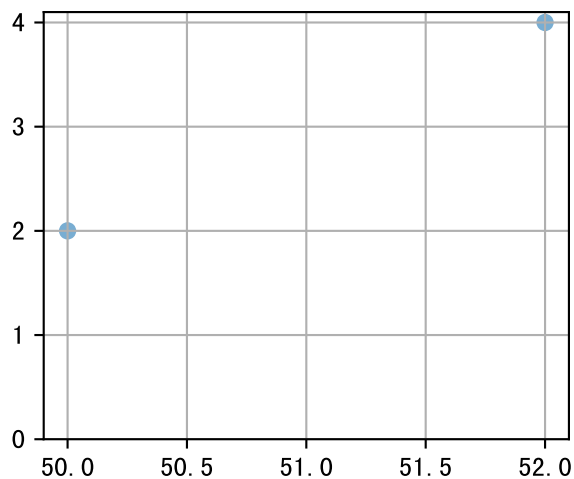
P10AW-029-30T1



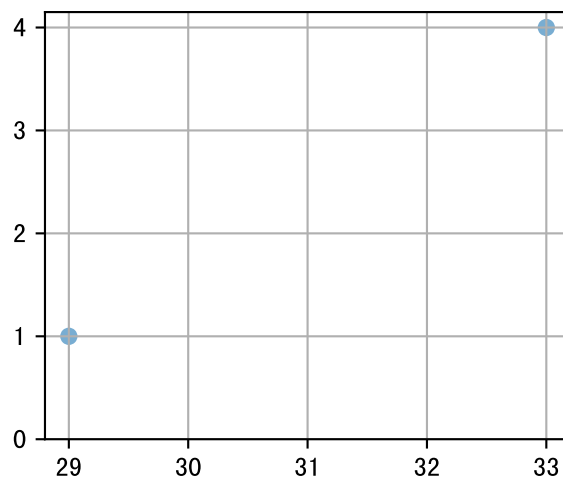
P10AW-029-30T2



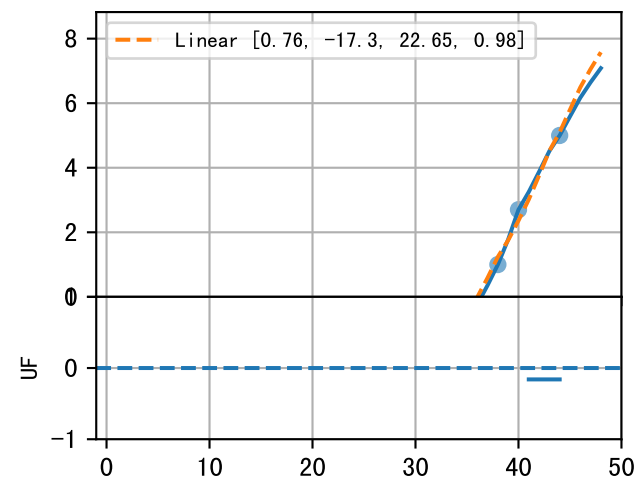
P10AW-029-30T3 (fit failed)



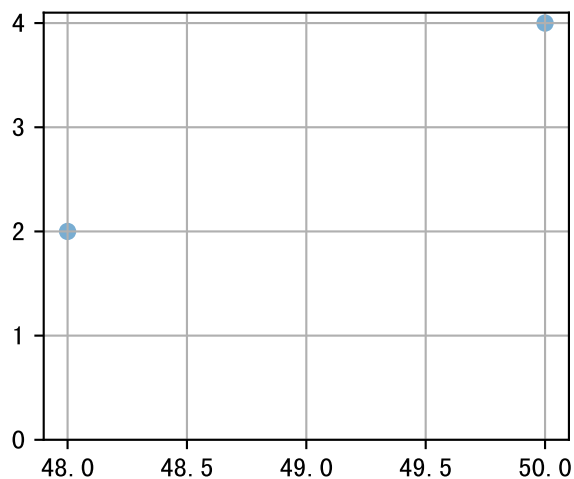
P10AW-041-24T1 (fit failed)



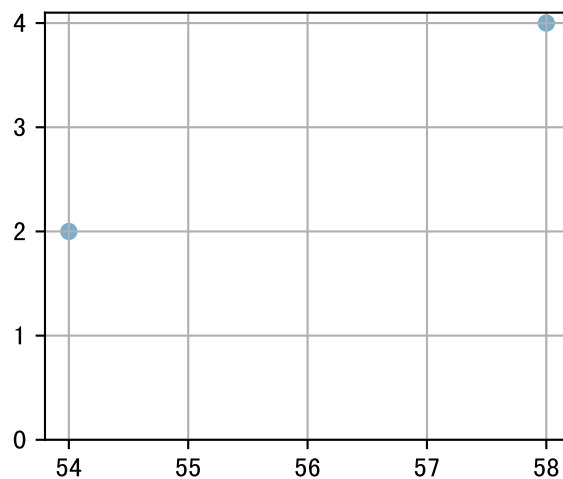
P10AW-041-24T2



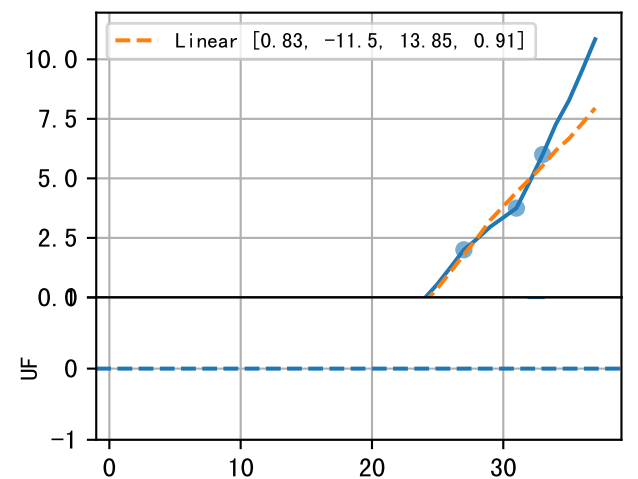
P10AW-041-24T3 (fit failed)



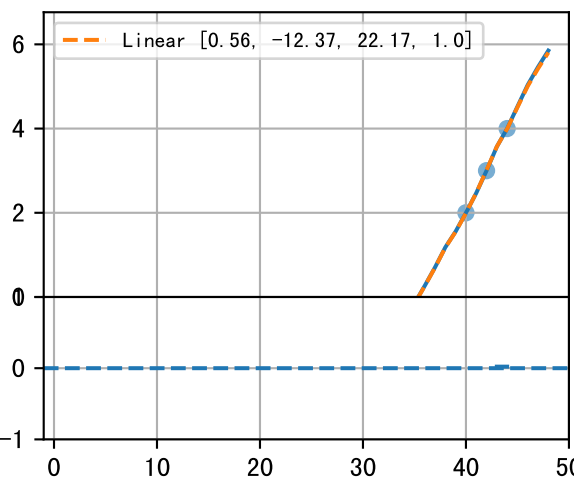
P10AW-041-24T4 (fit failed)



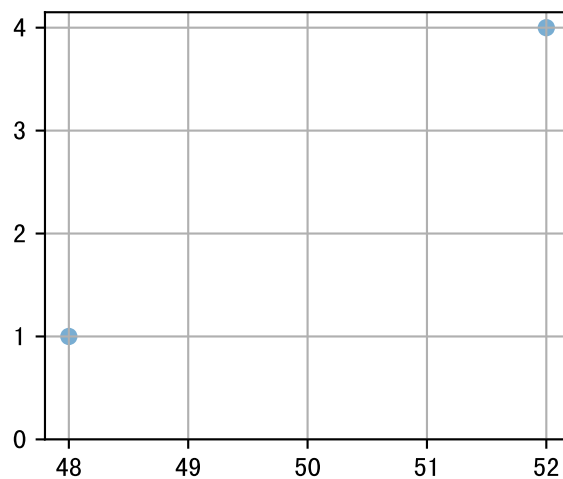
P10AW-054-10T1



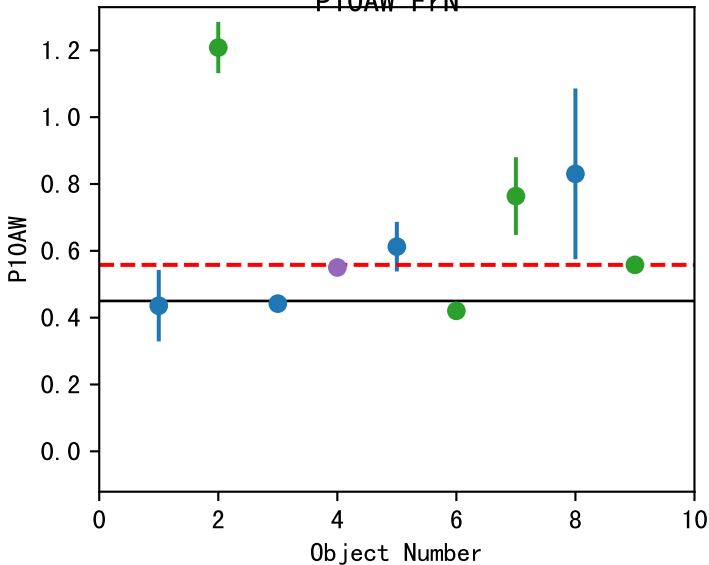
P10AW-054-10T2



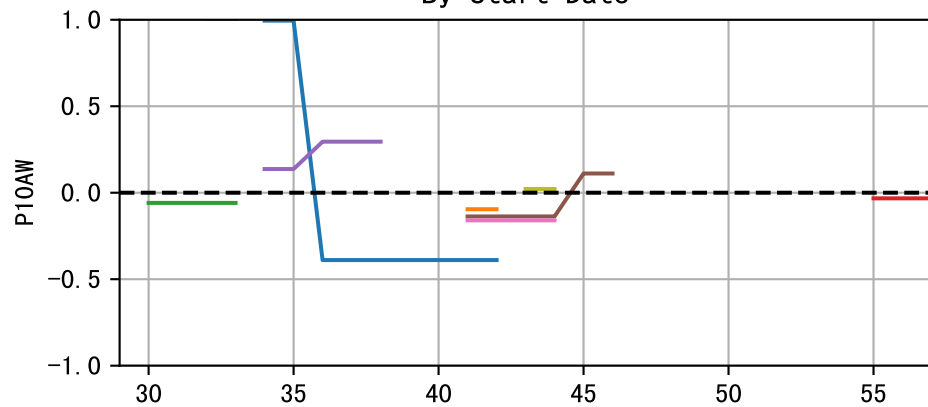
P10AW-054-10T3 (fit failed)



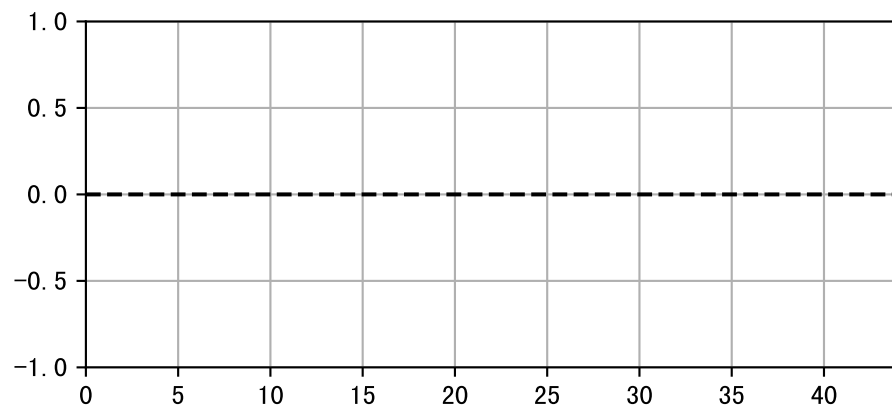
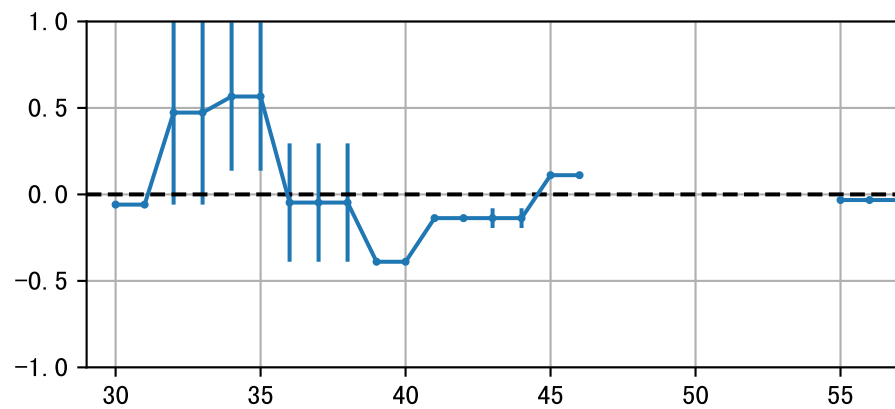
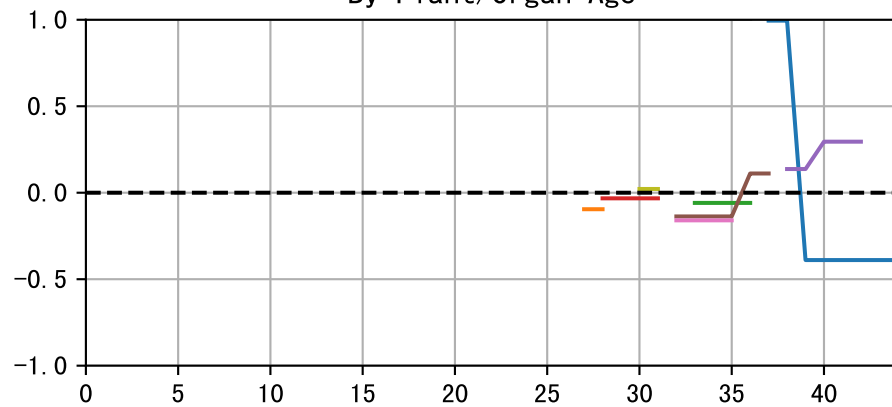
a (Def=0.45 Set=0.56)
avg1=0.56~46% avg2=na
P10AW FrN



By Start Date

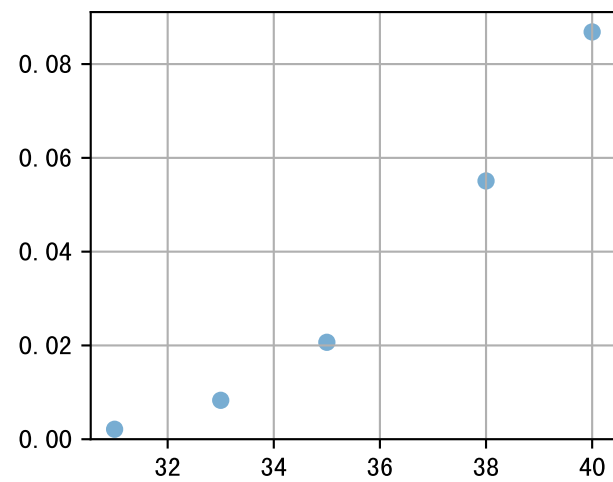


By Plant/Organ Age

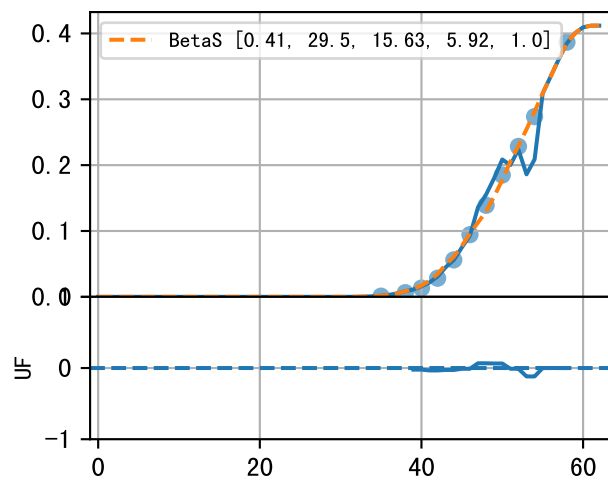


FrV

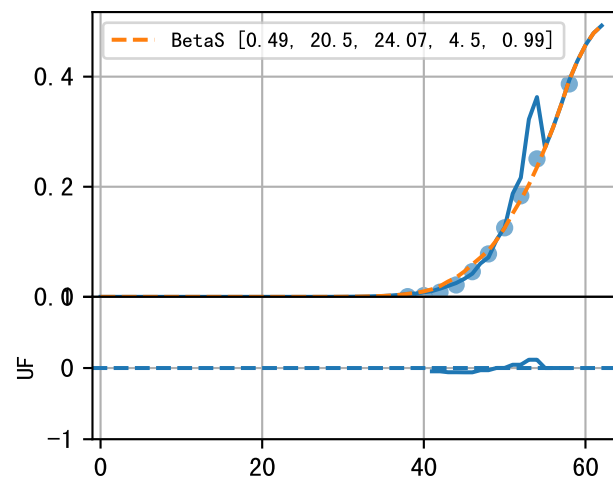
P10AW-003-11T1Fr1 (fit failed)



P10AW-003-11T1Fr5



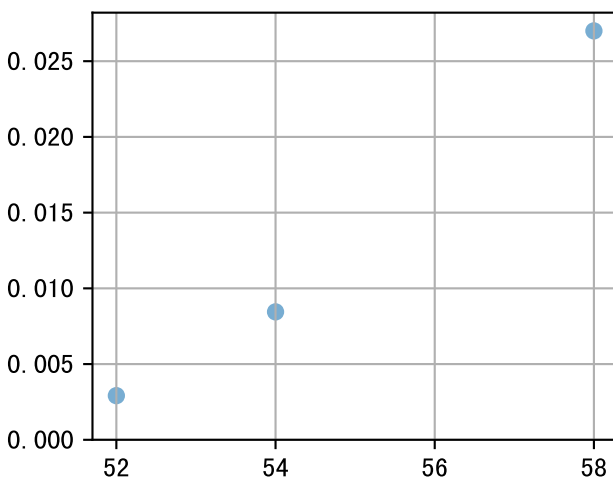
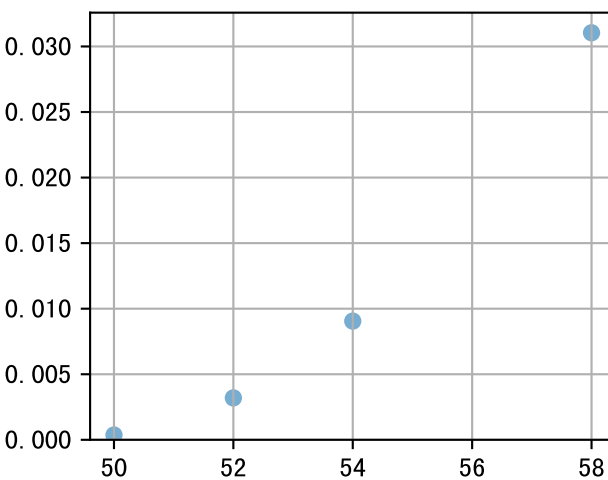
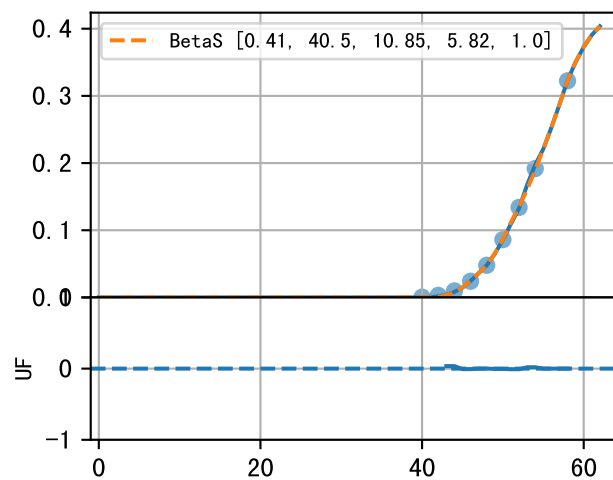
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P10AW-003-11T2Fr5

P10AW-003-11T3Fr1 (fit failed)

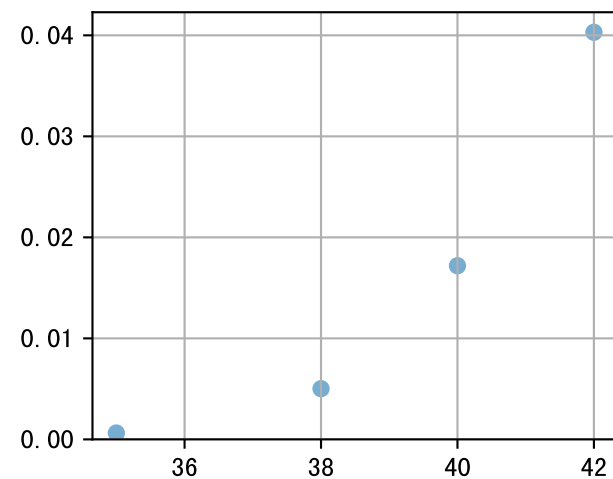
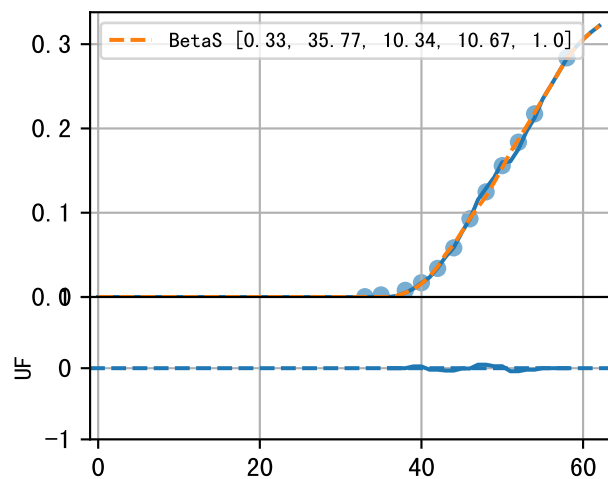
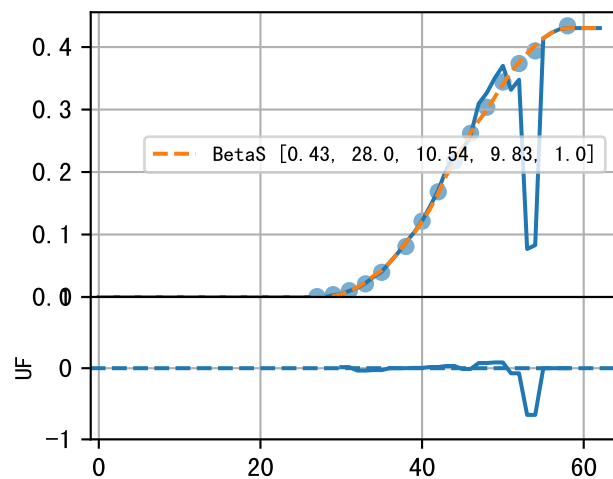
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P10AW-016-3T1Fr1

P10AW-016-3T1Fr5

P10AW-016-3T2Fr1 (fit failed)

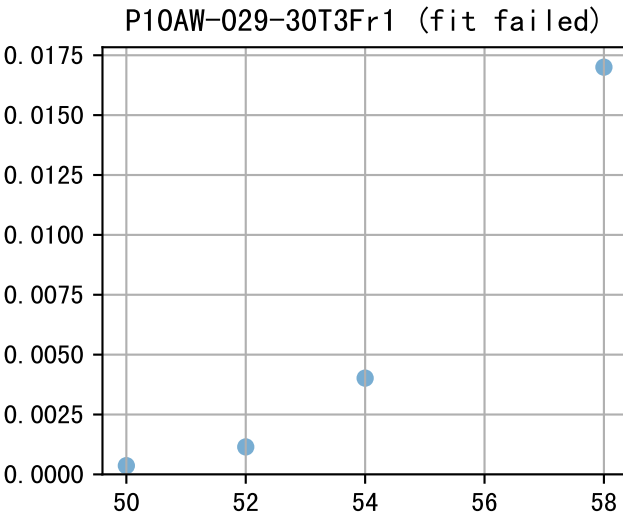
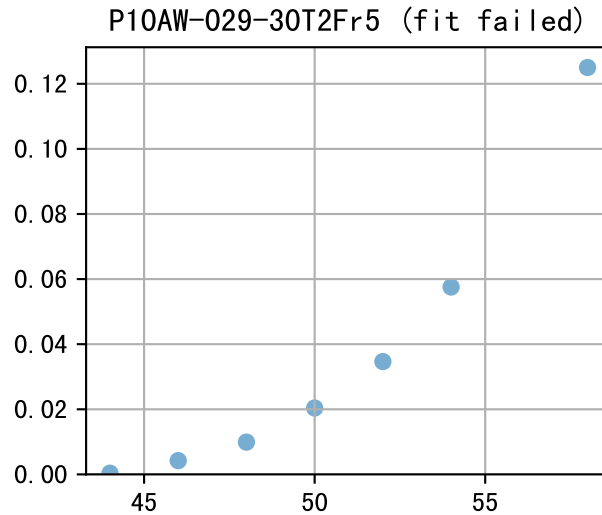
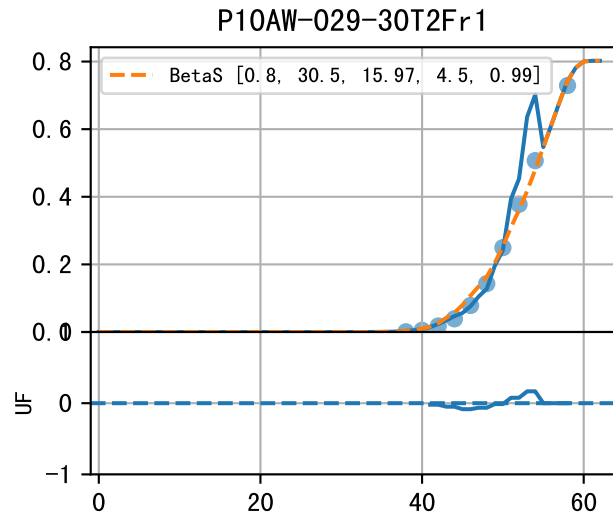
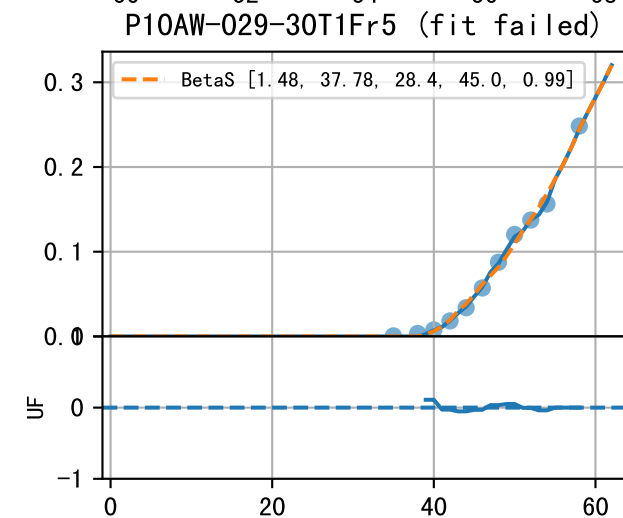
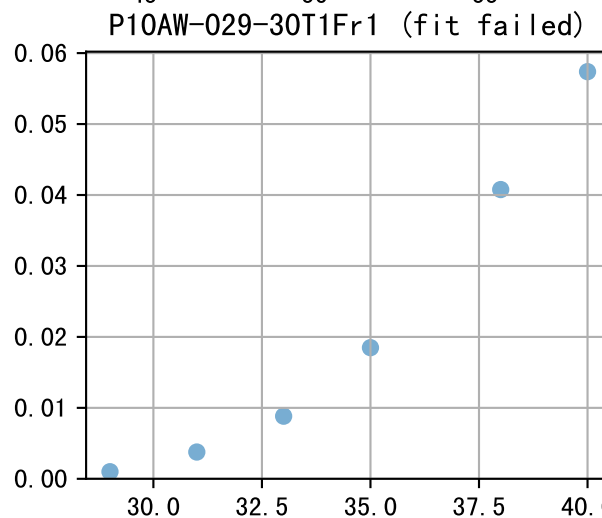
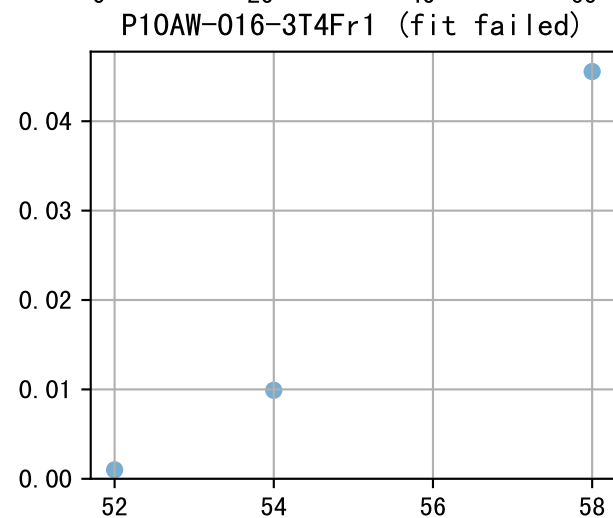
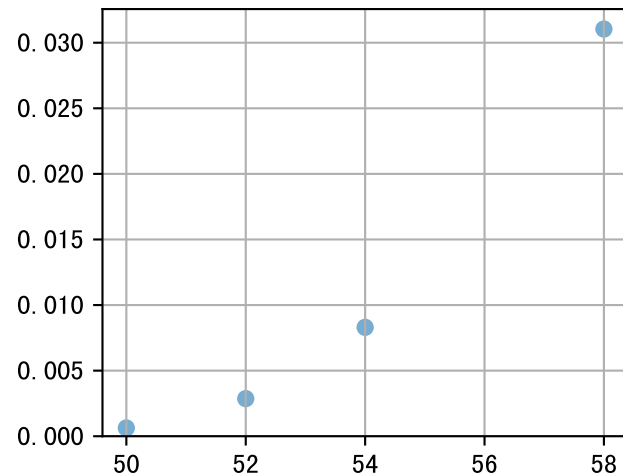
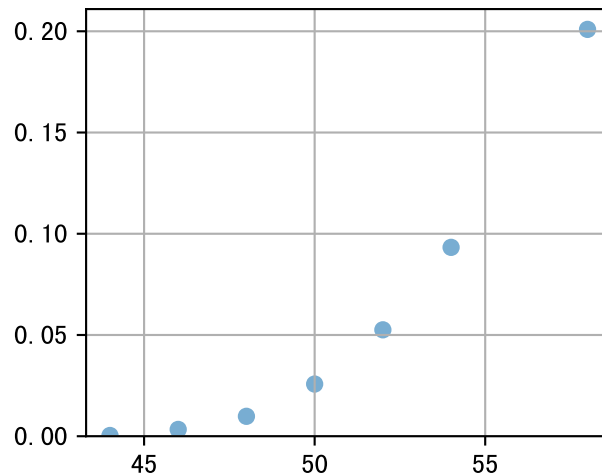
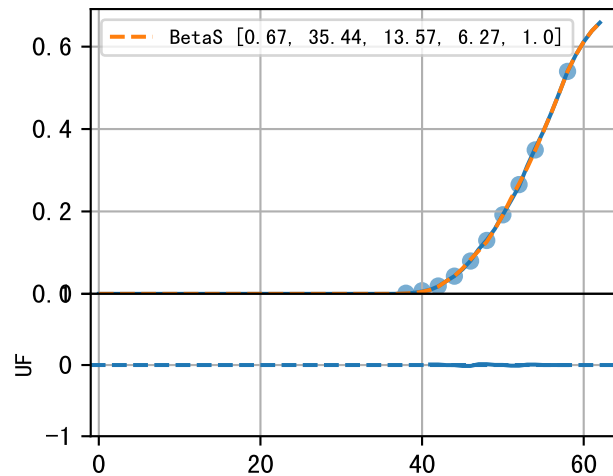


FrV

P10AW-016-3T2Fr5

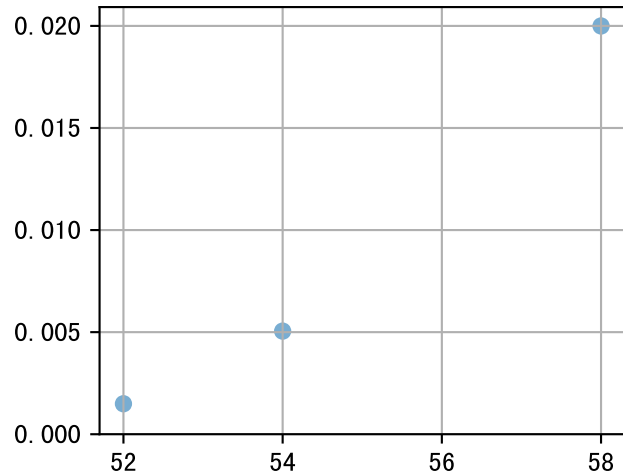
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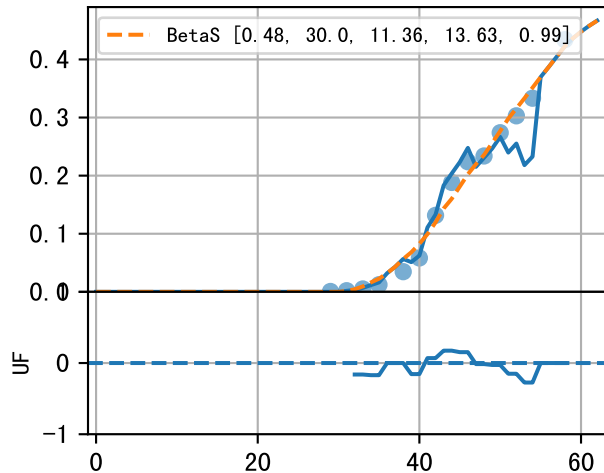


ErV

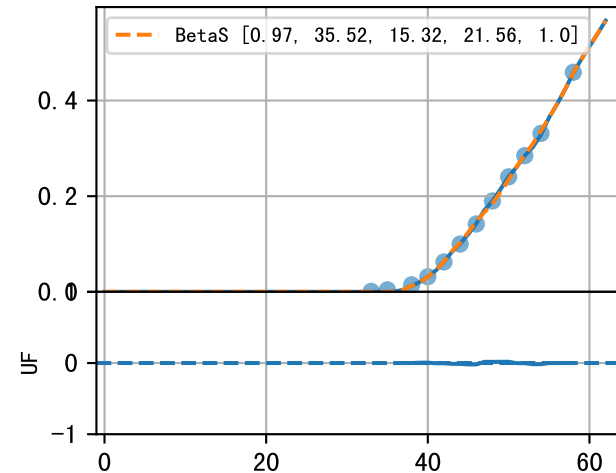
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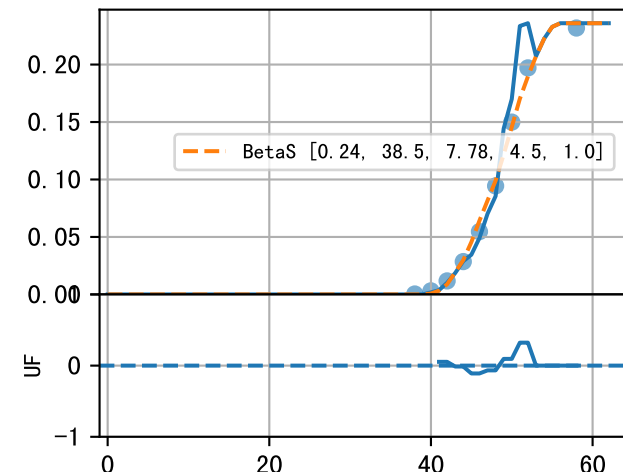
P10AW-041-24T1Fr1



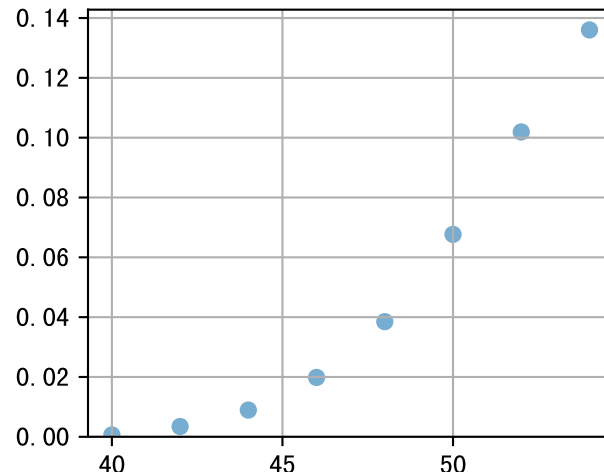
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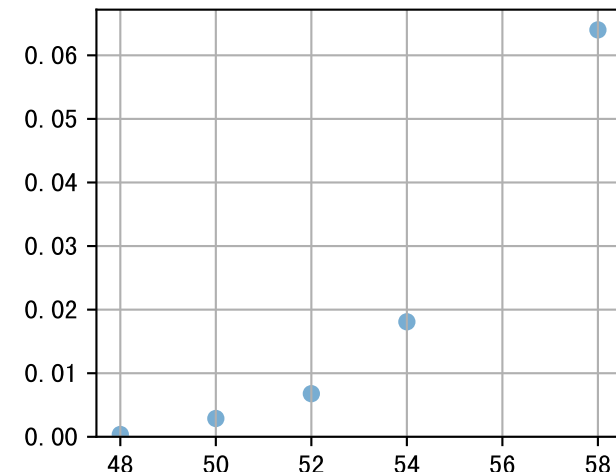
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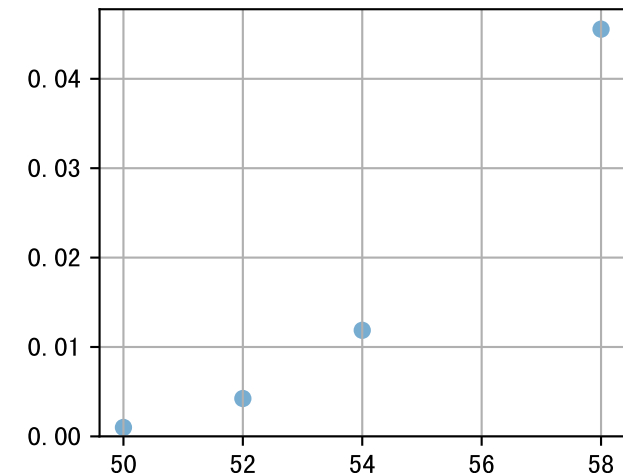
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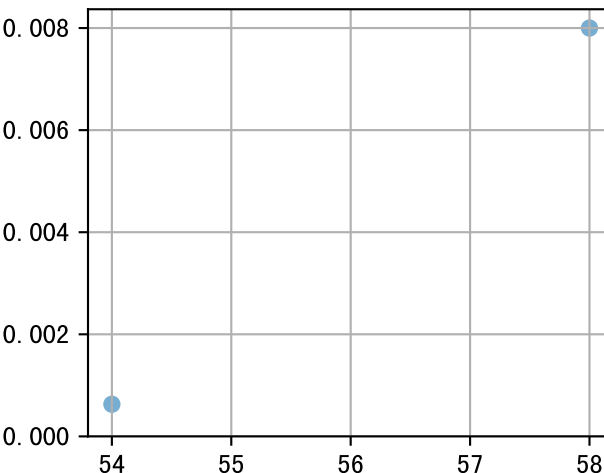
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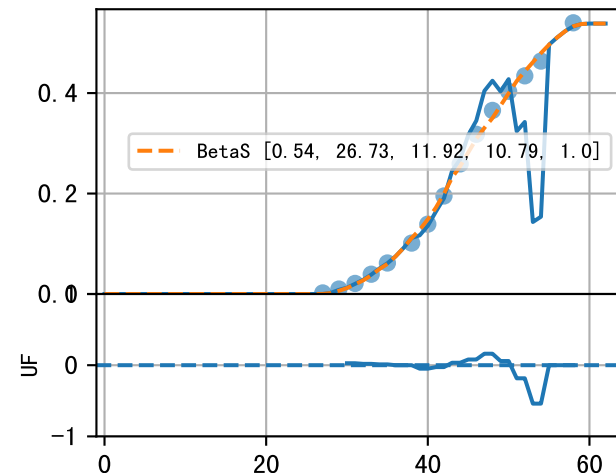
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P10AW-041-24T4Fr1 (fit failed)

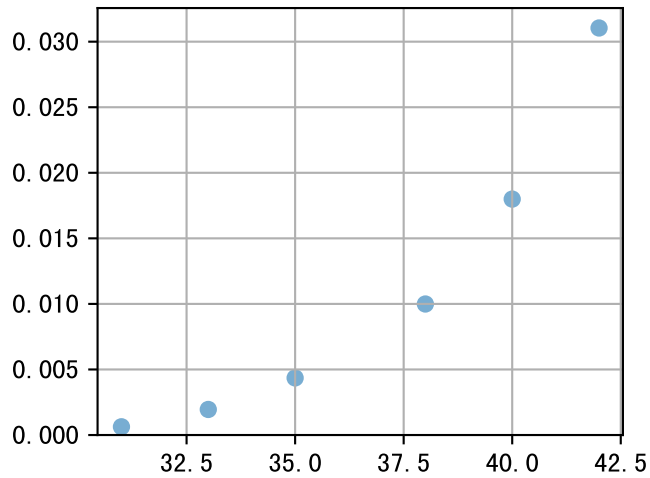


P10AW-054-10T1Fr1

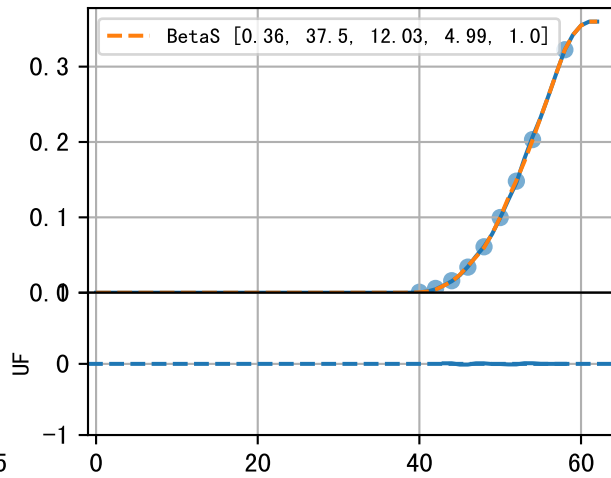


ErV

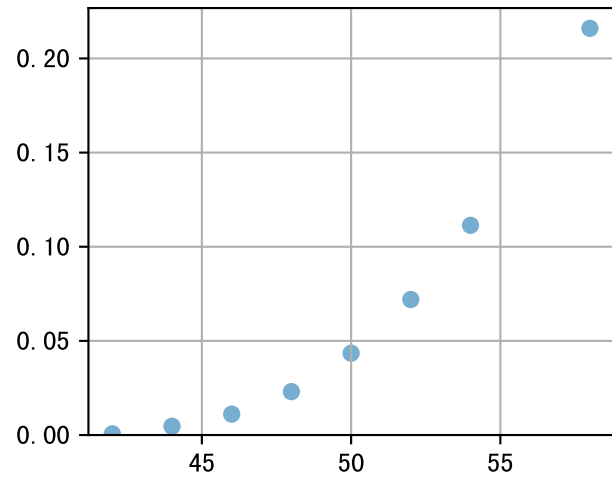
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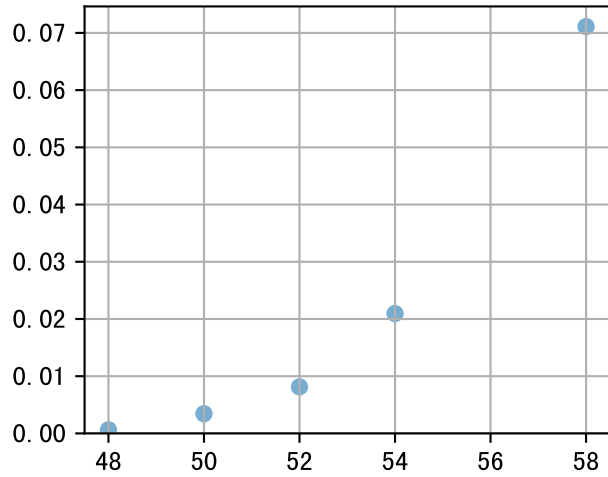
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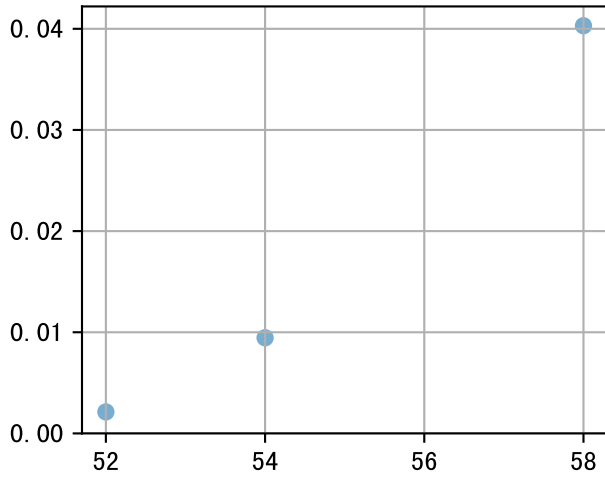
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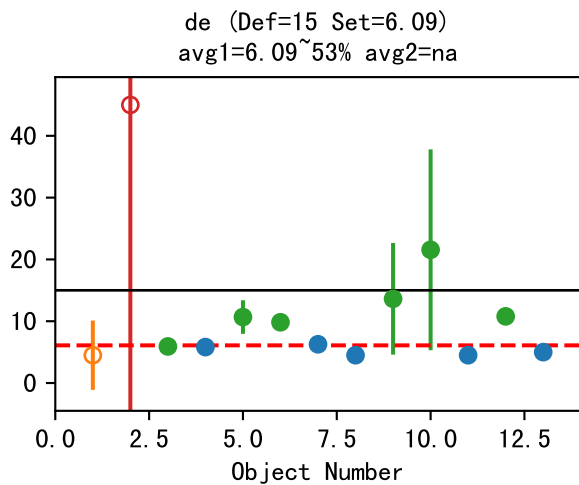
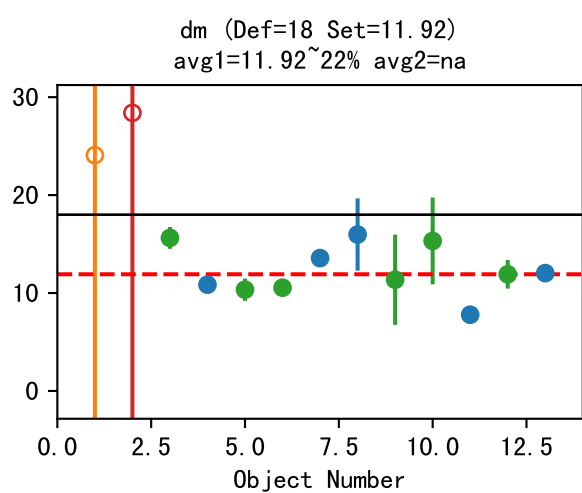
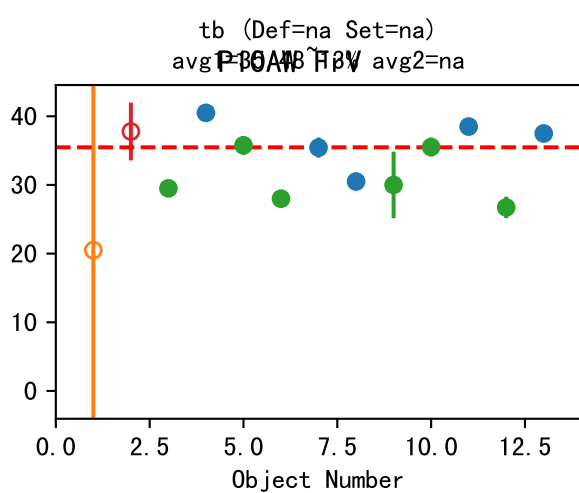
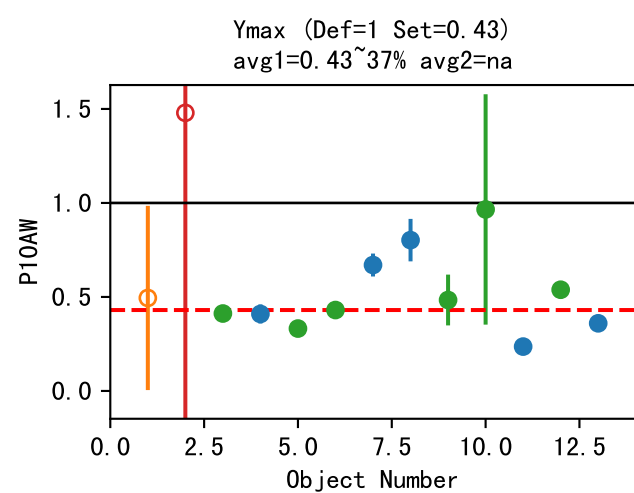


P10AW-054-10T3Fr1 (fit failed)

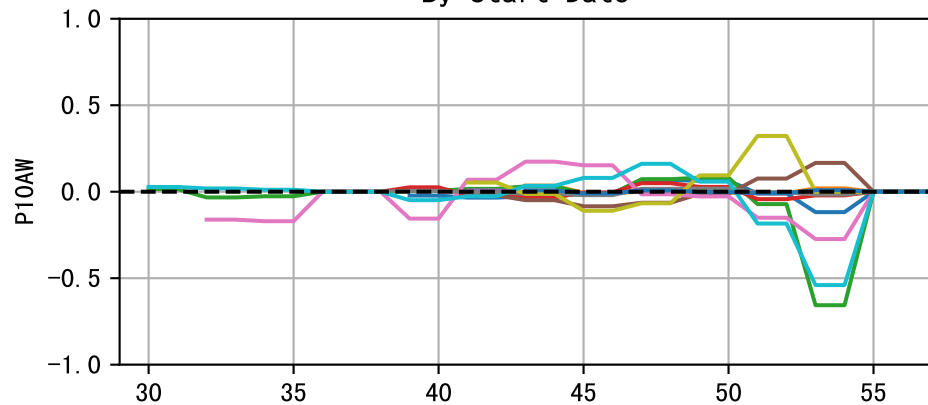


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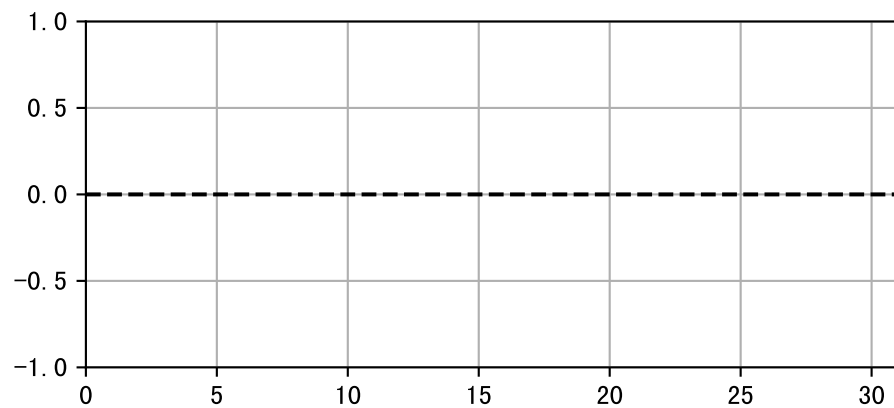
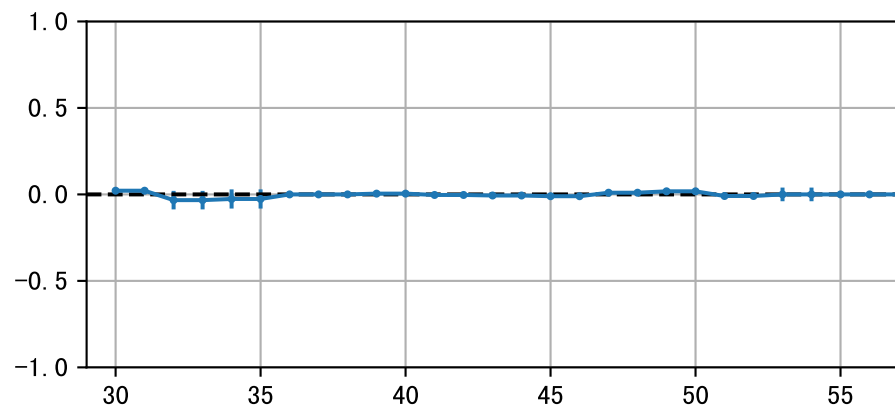
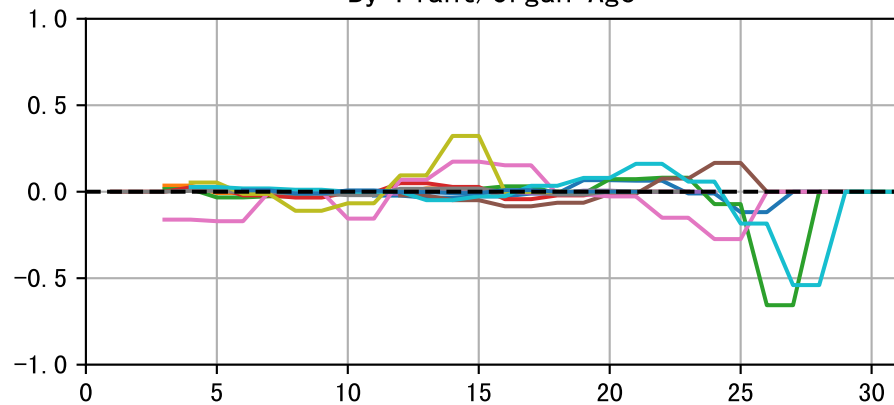




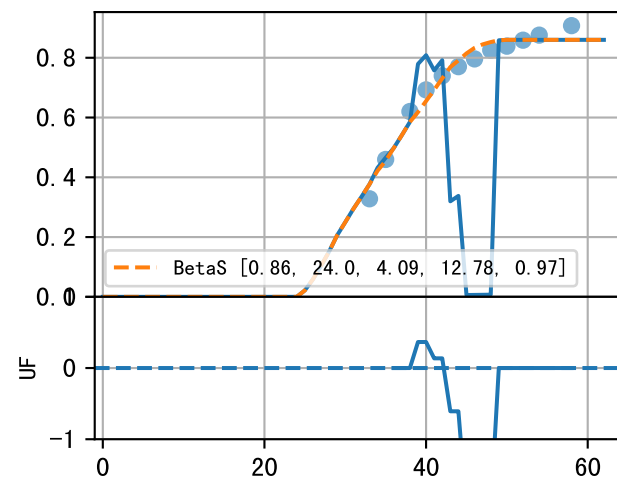
By Start Date



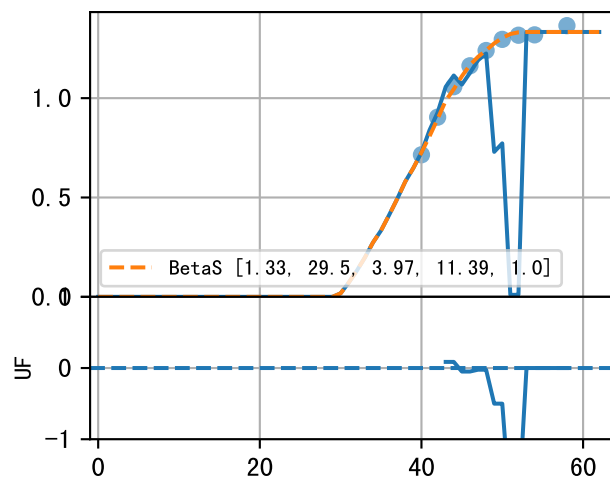
By Plant/Organ Age



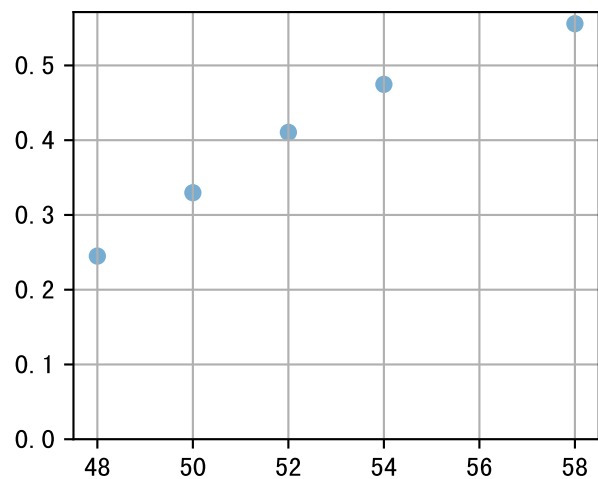
P10AW-003-11L11 (fit failed)



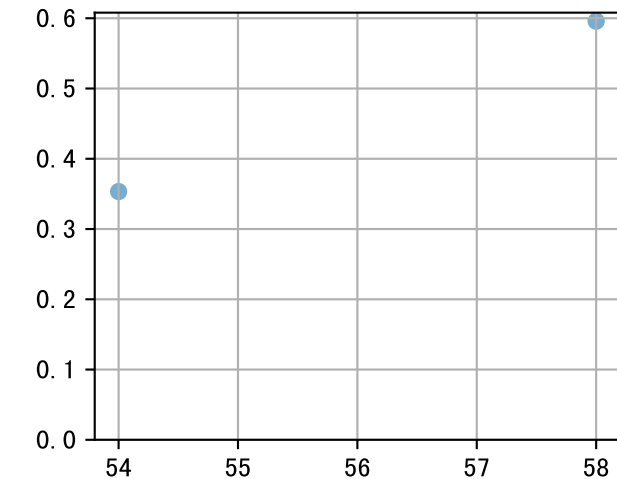
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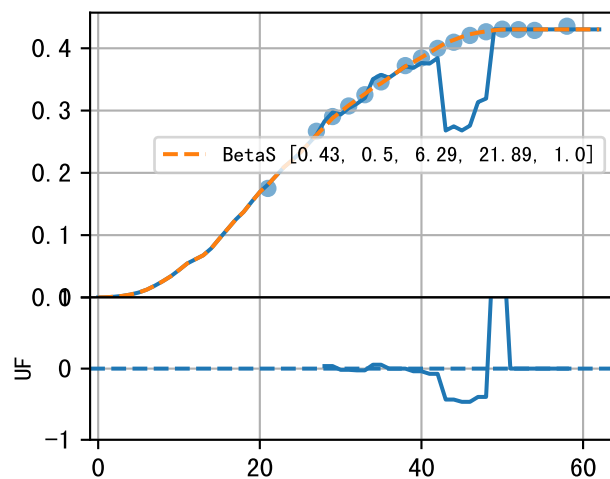
P10AW-003-11L17 (fit failed)



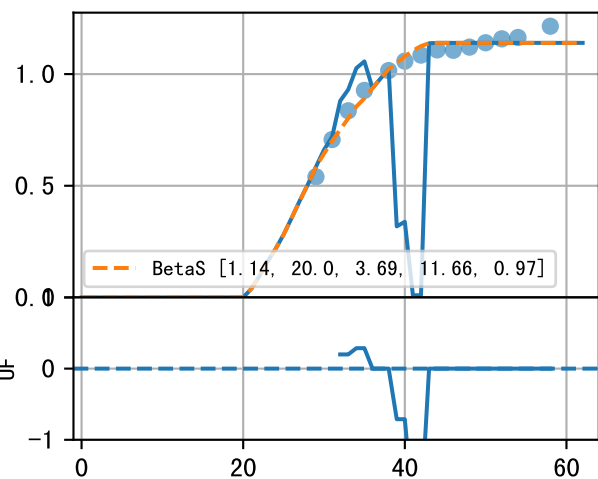
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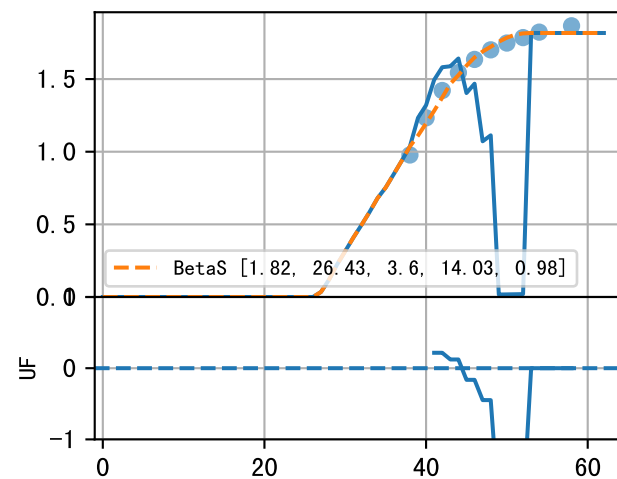
P10AW-003-11L6



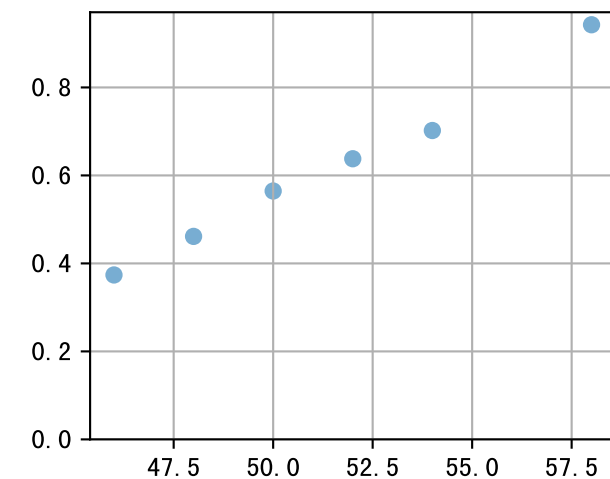
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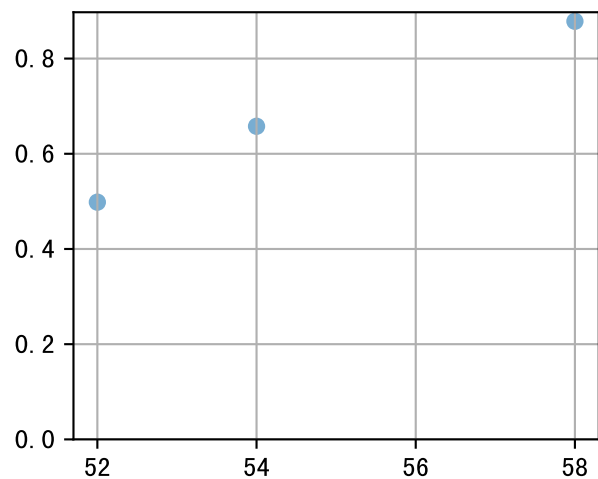
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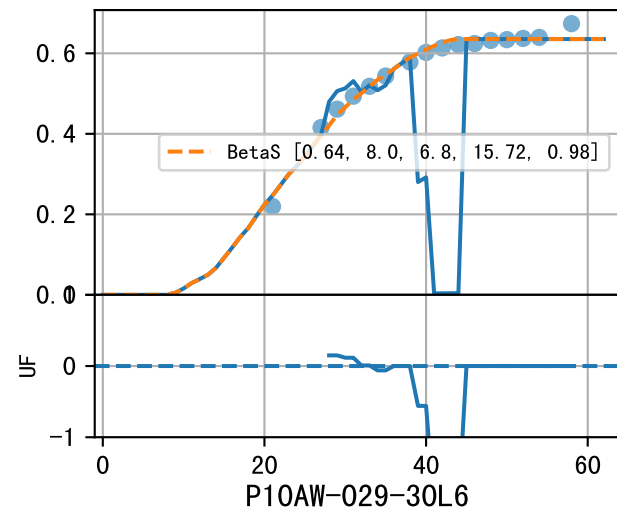
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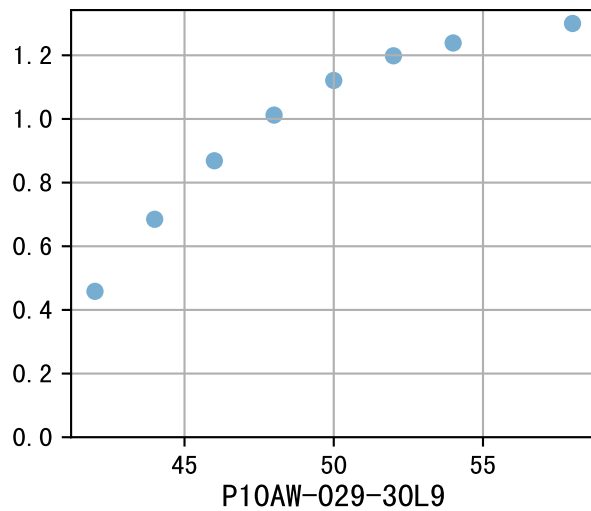
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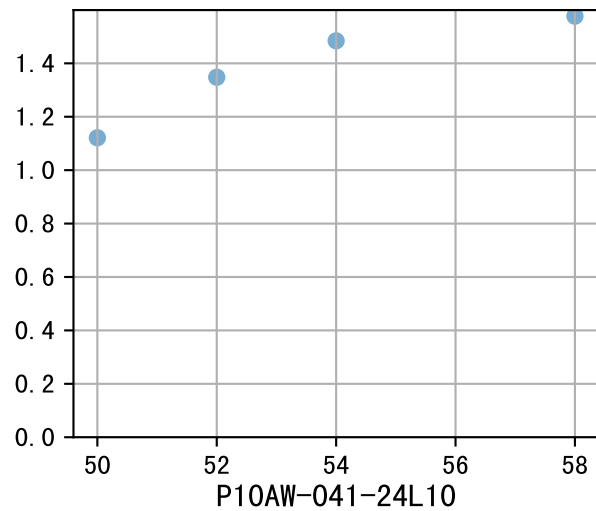
P10AW-016-3L7 (fit failed)



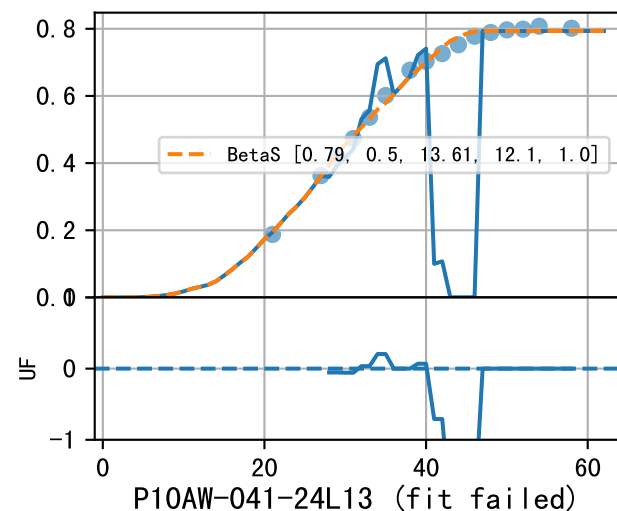
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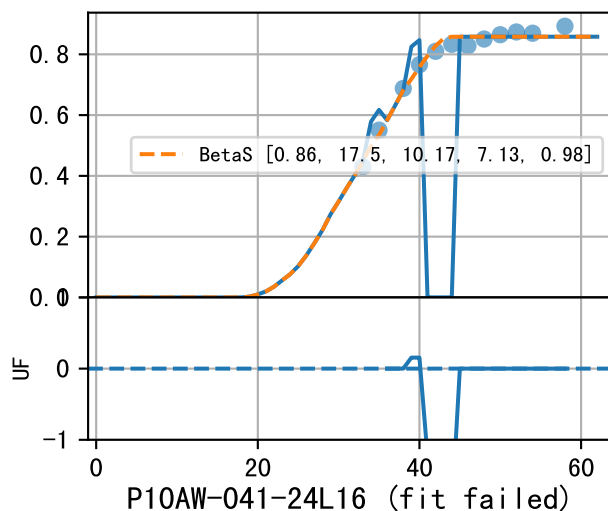
P10AW-029-30L15 (fit failed)



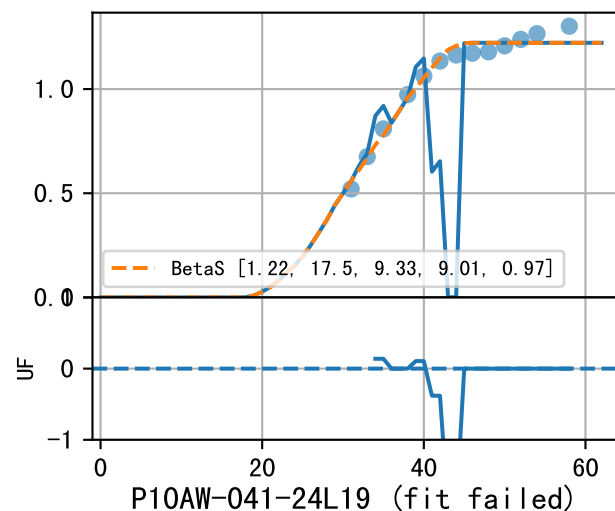
P10AW-029-30L6



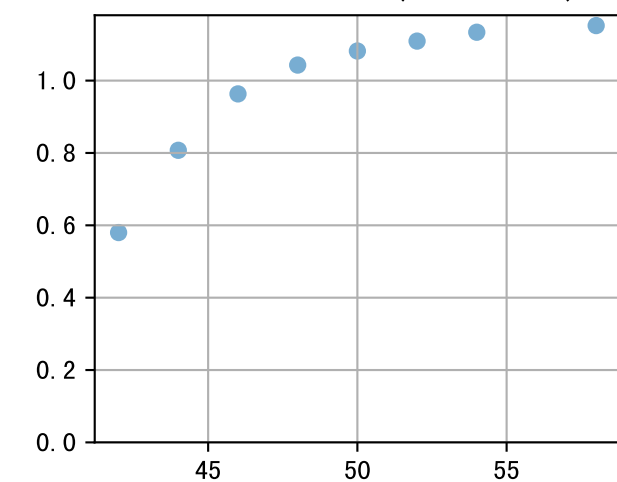
P10AW-029-30L9



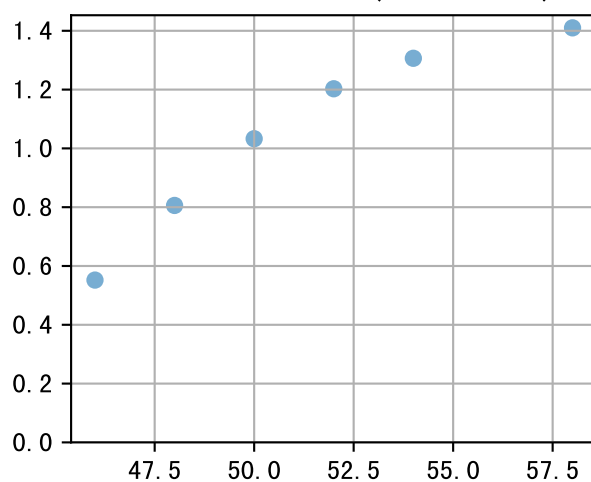
P10AW-041-24L10



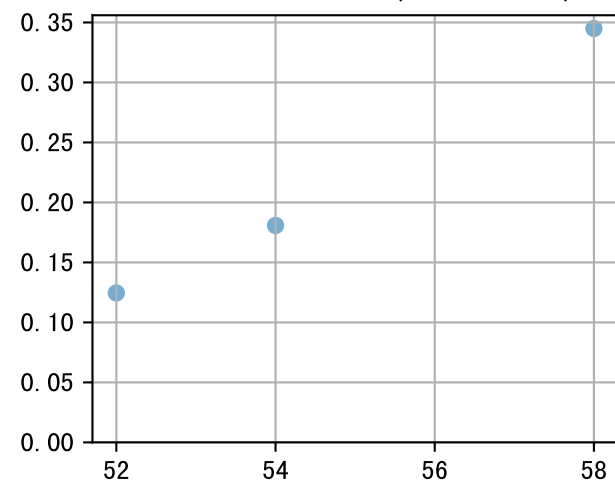
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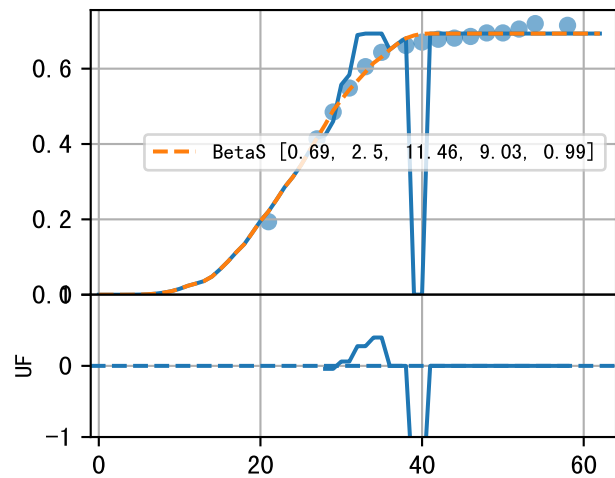
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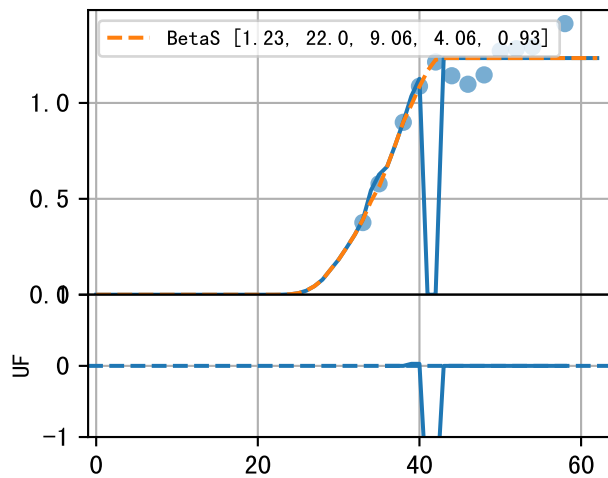
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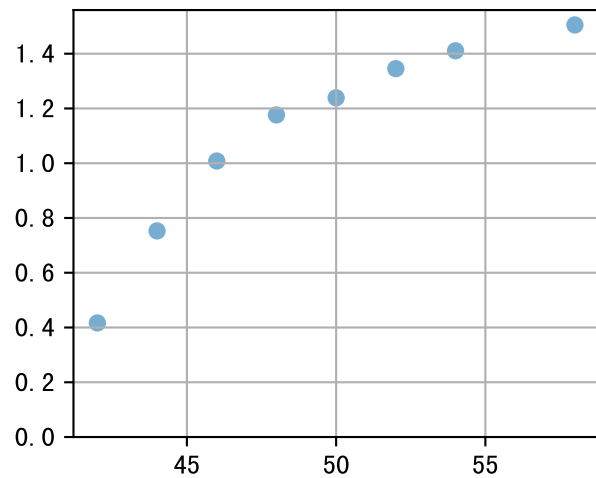
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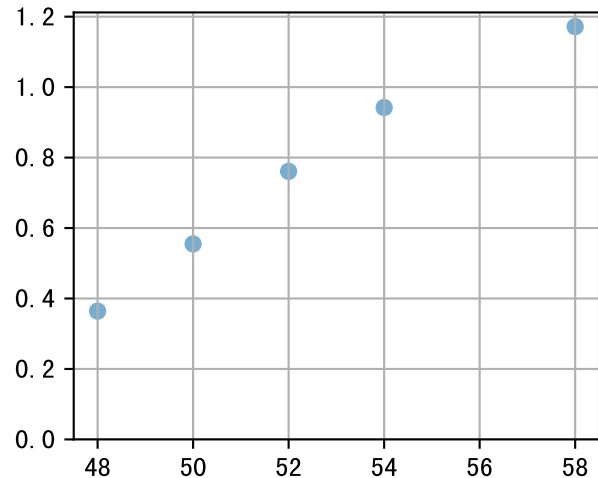
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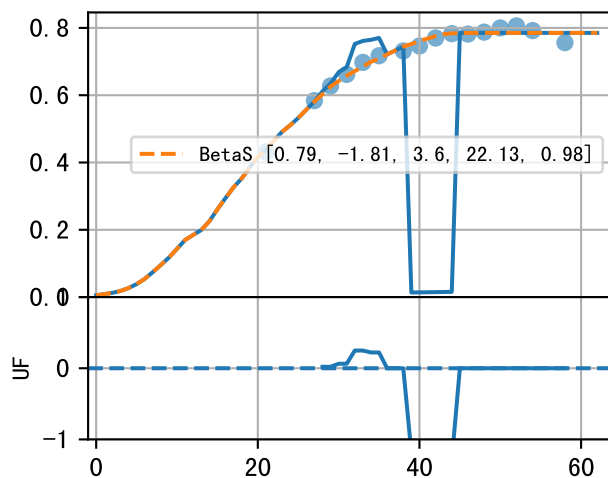
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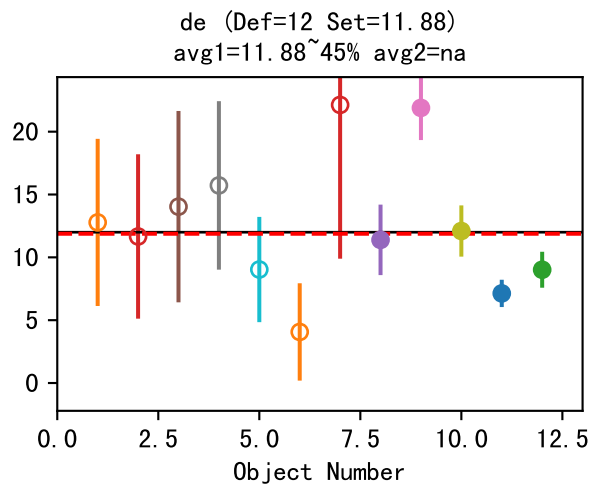
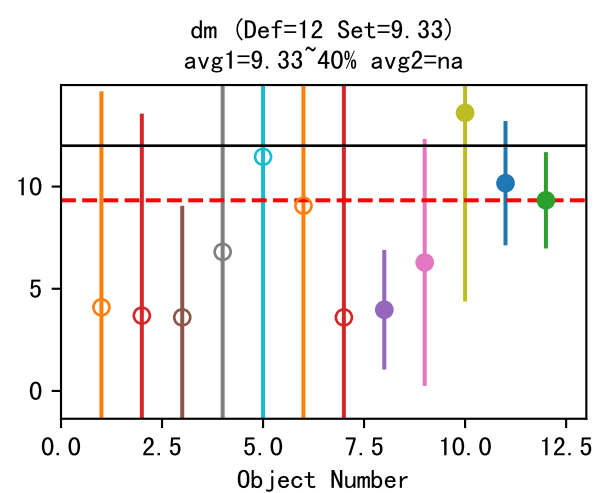
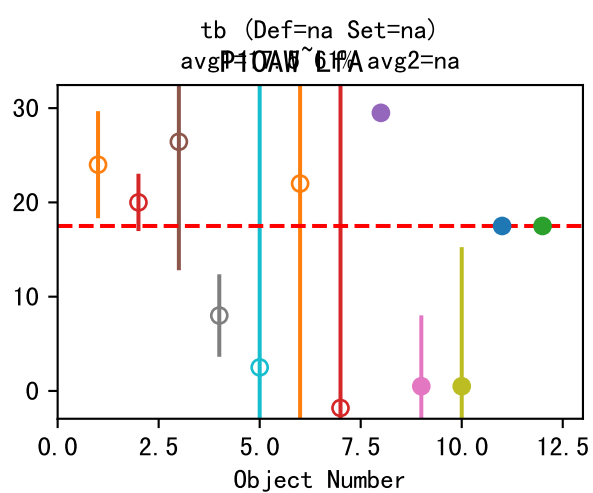
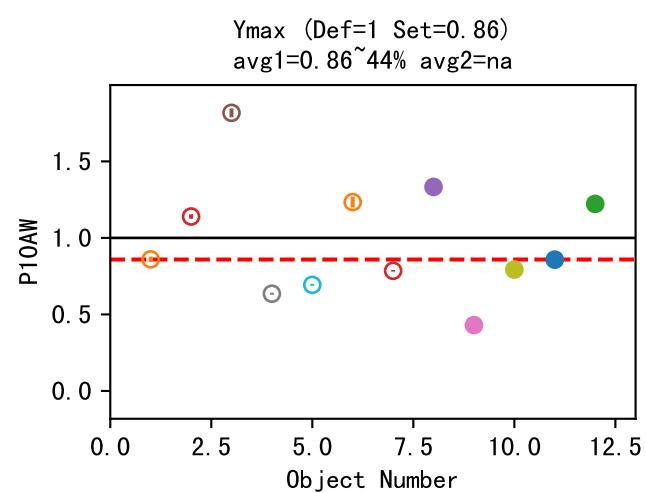


P10AW-054-10L17 (fit failed)

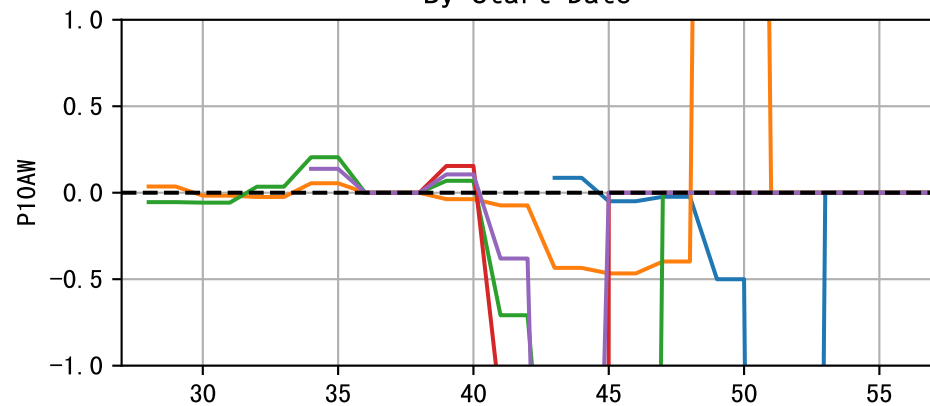


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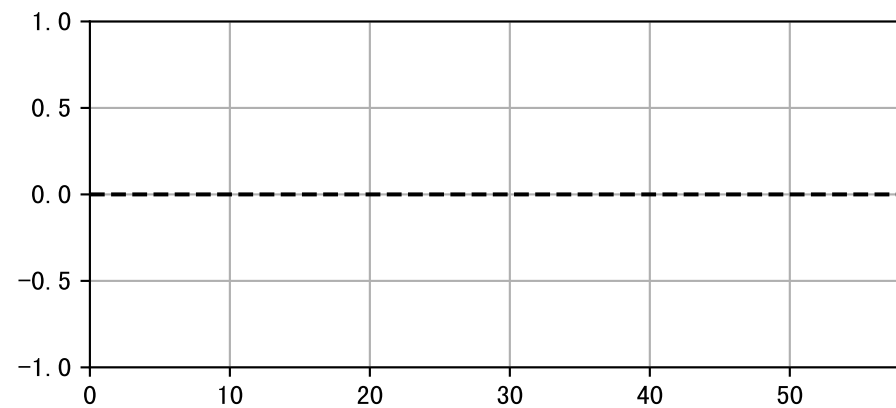
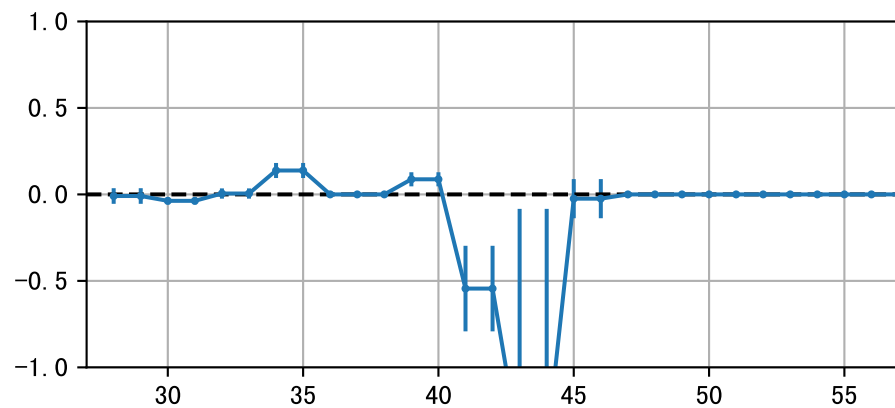
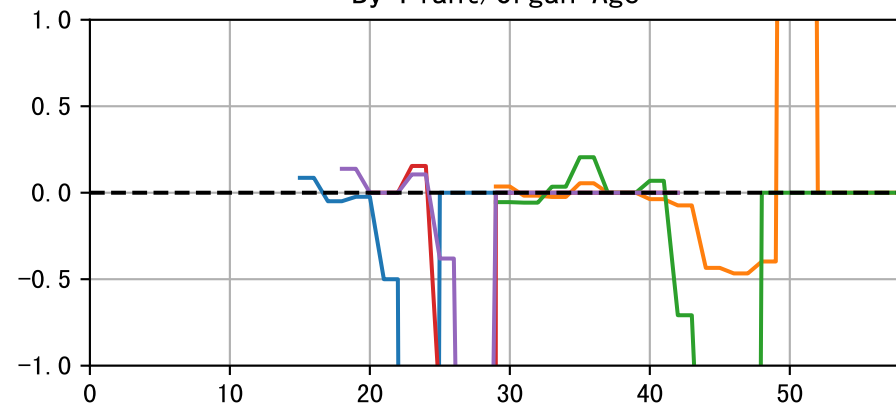


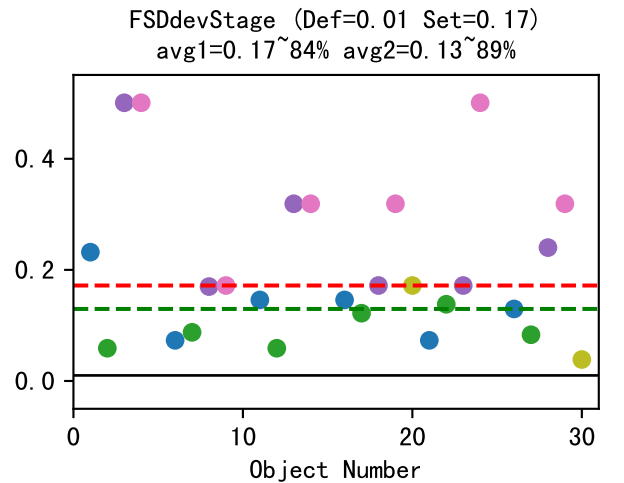
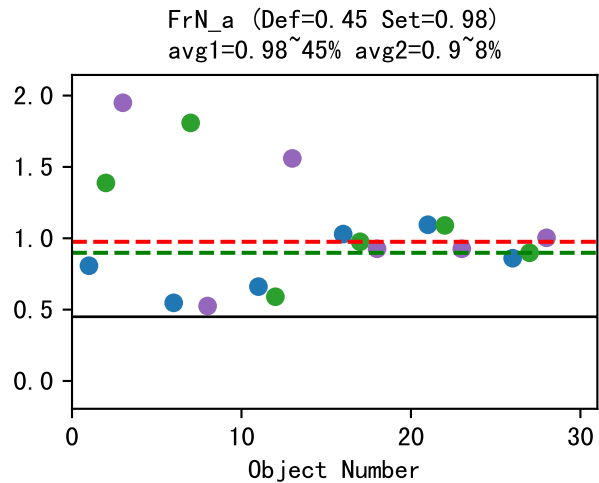
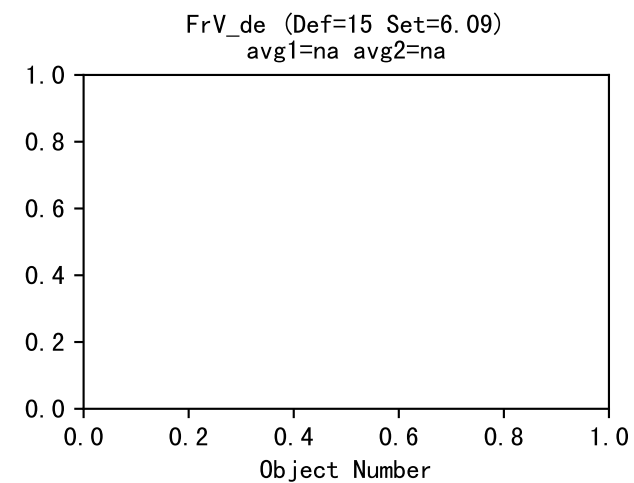
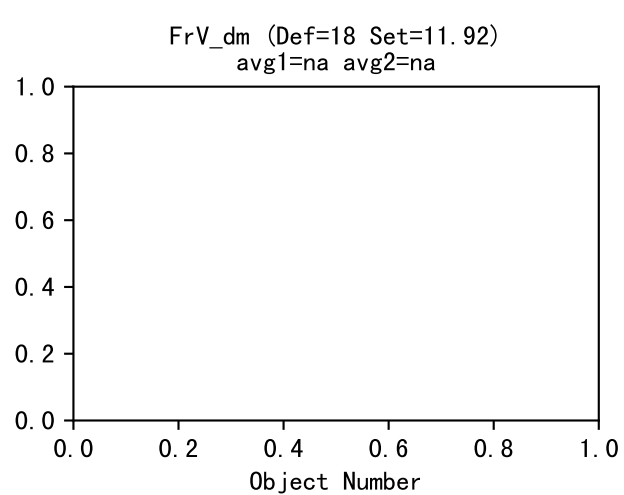
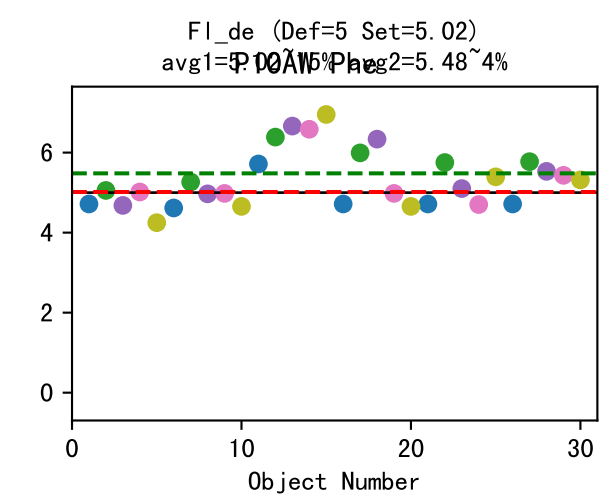
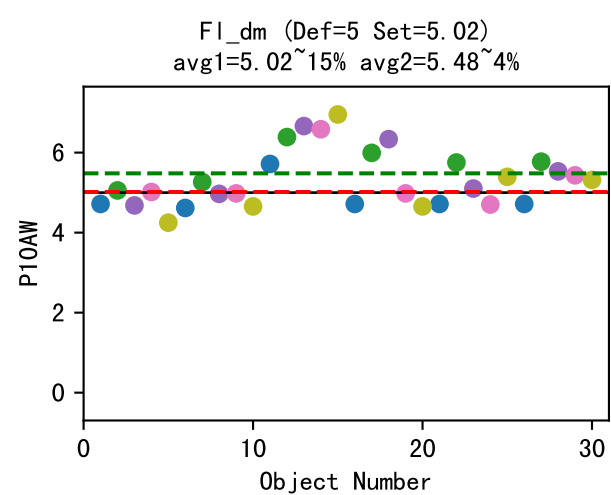


By Start Date

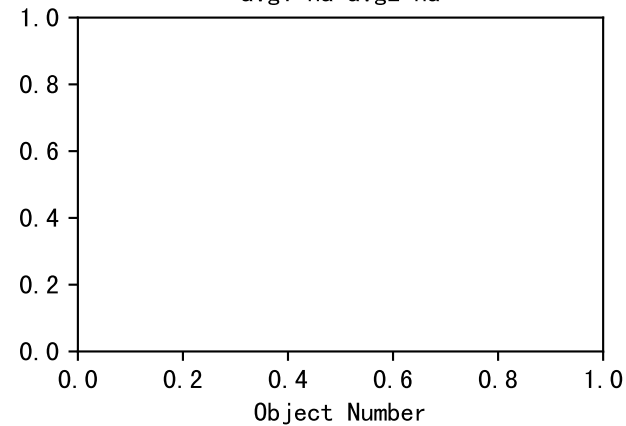


By Plant/Organ Age

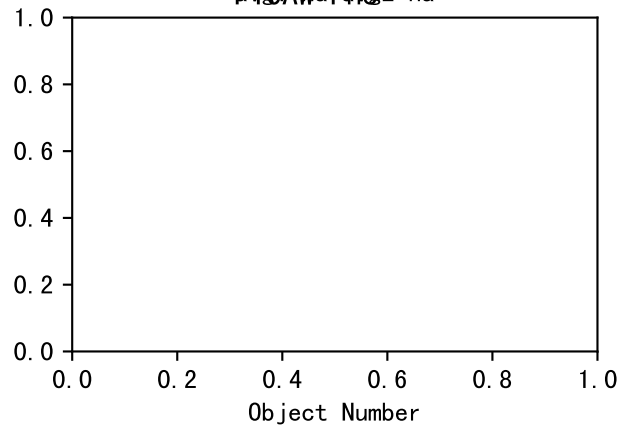




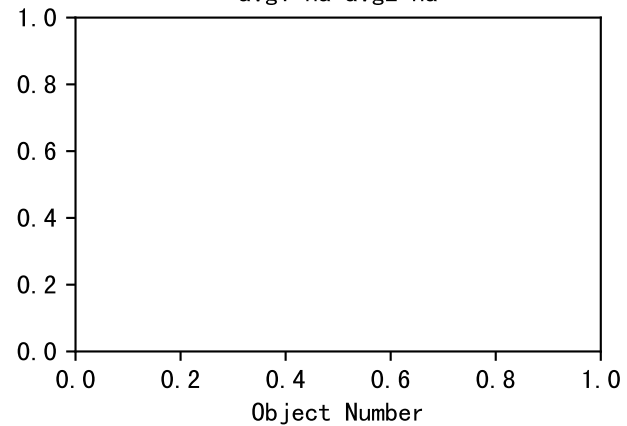
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



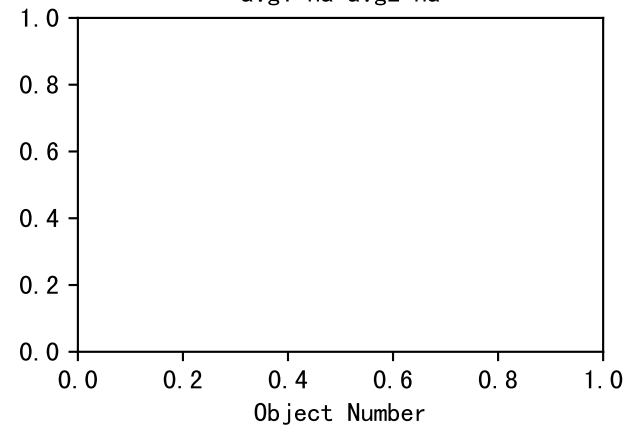
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



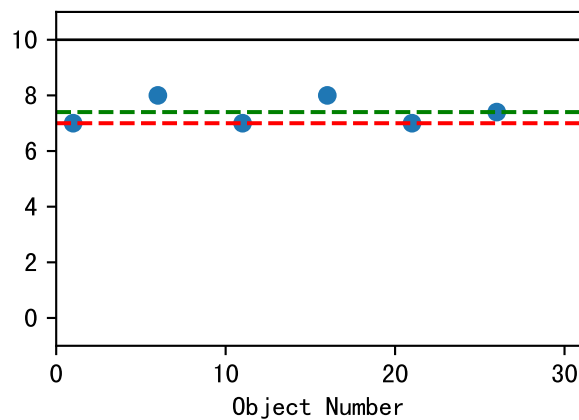
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

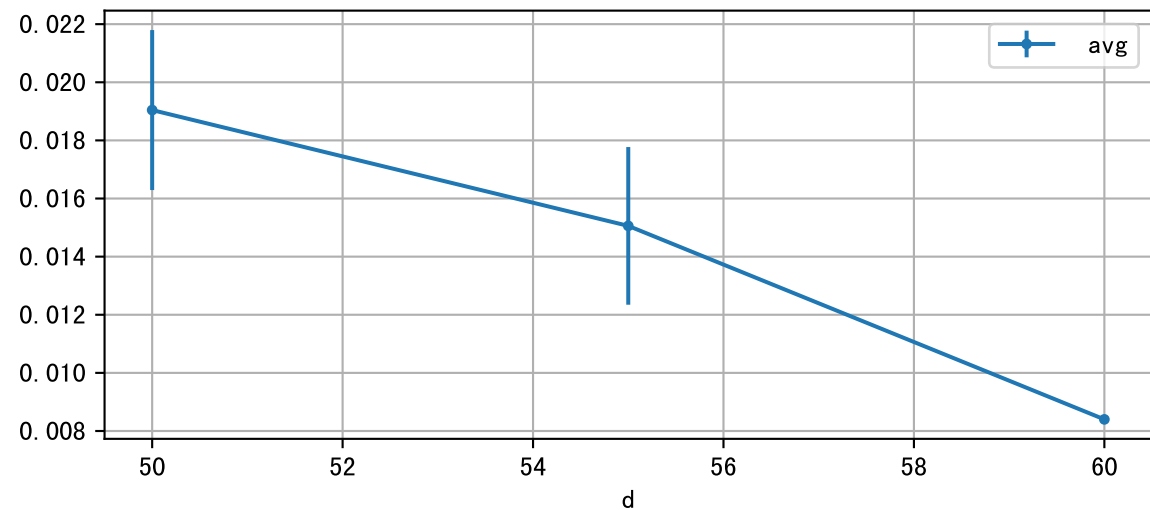


NNgen (Def=10 Set=7)
avg1=7.0~8% avg2=7.4

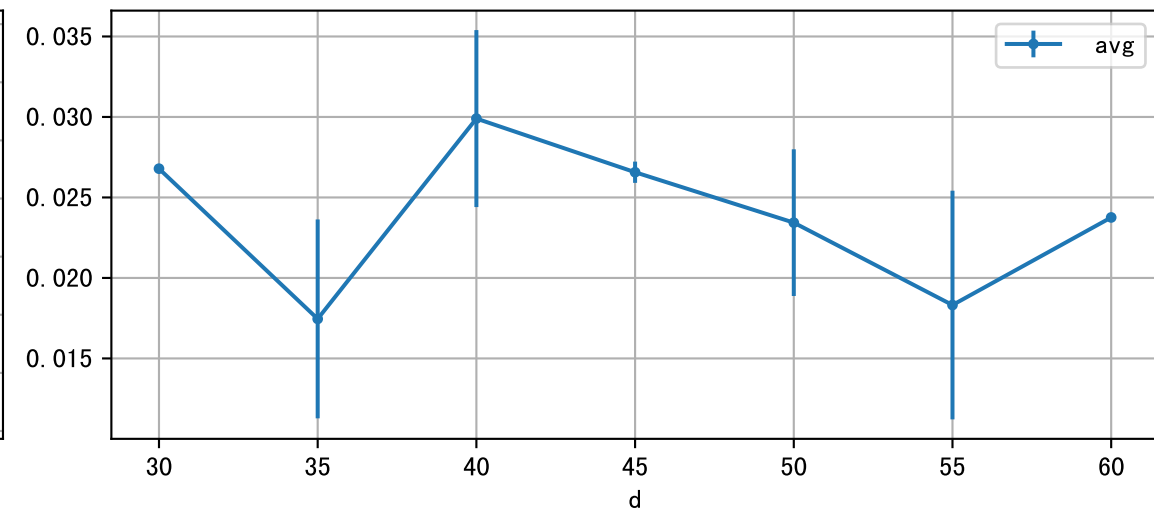


LfA: avg vs. d at each age group

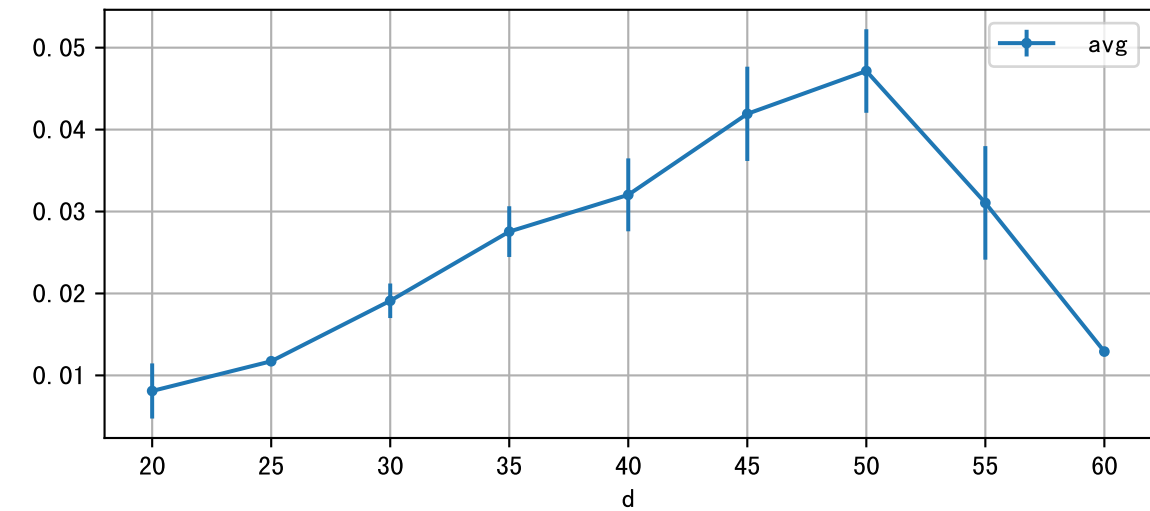
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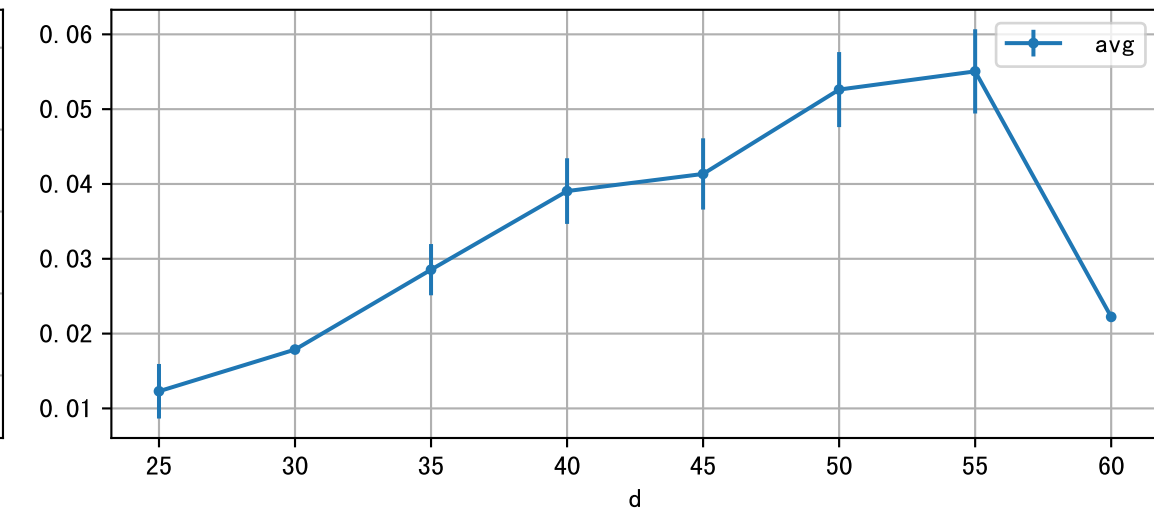
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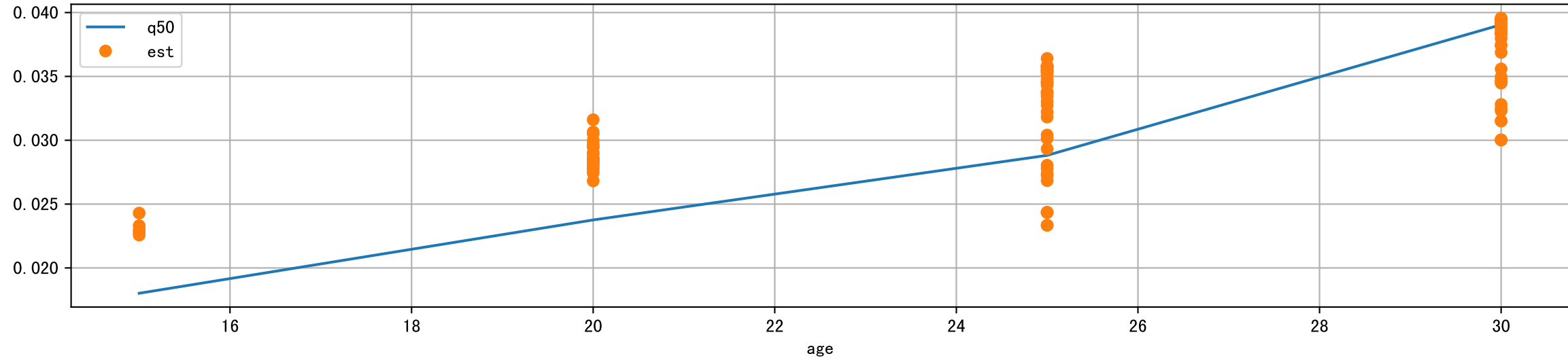
age=25



age=30

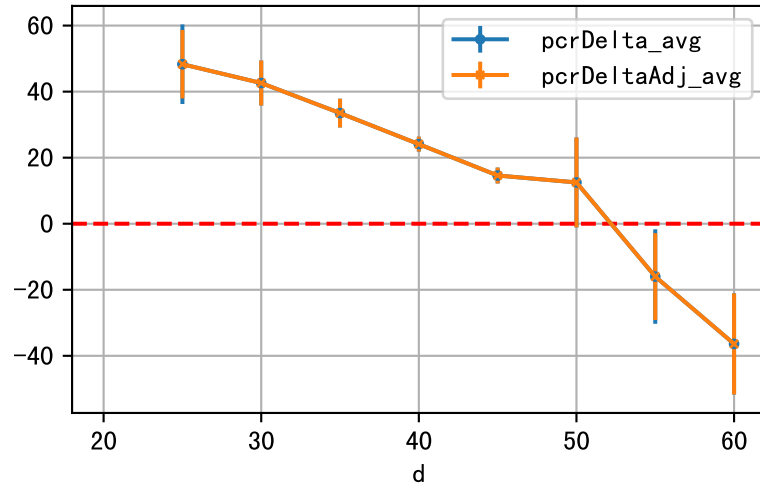


LfA: model est vs obs0v@Q50

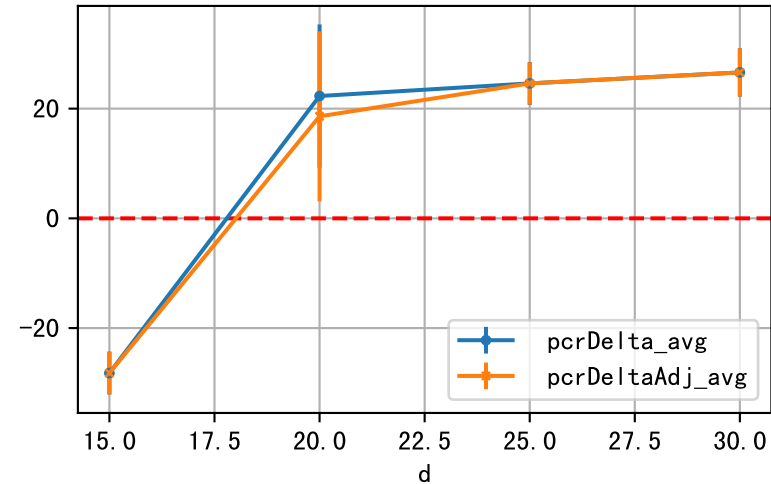


P10AW LfA: D_5d_LfA

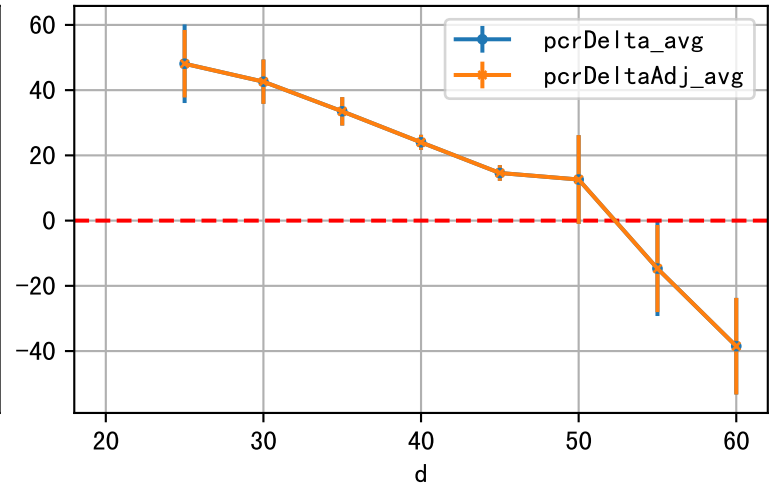
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

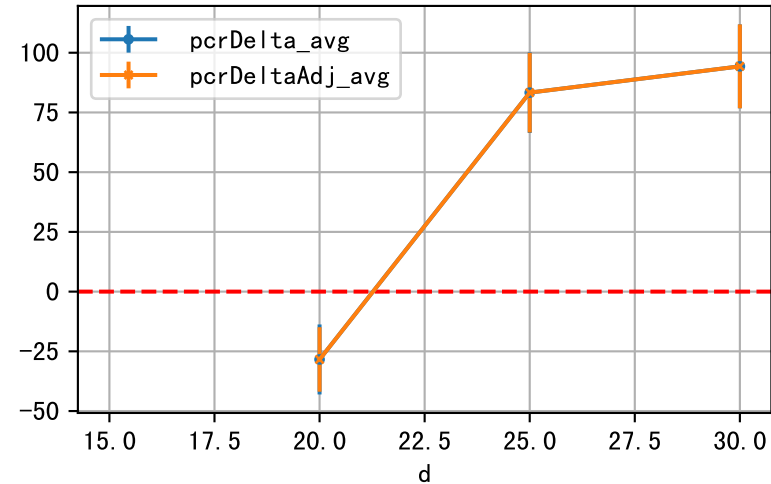


DeltaTypeAbbr=Wei AvgByD

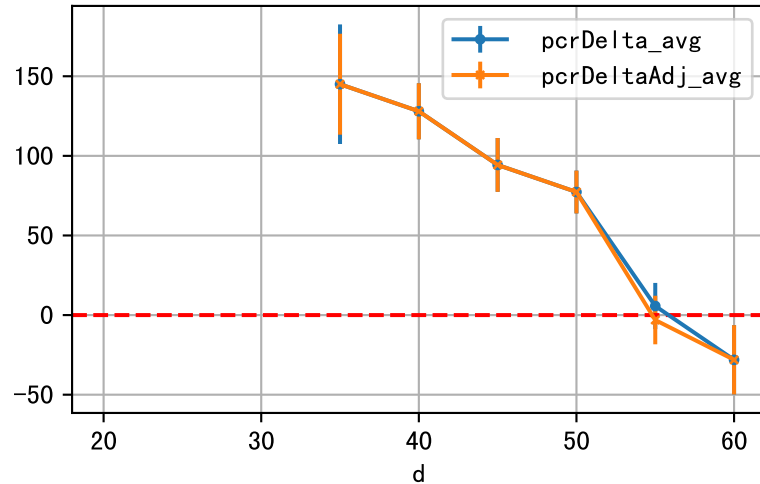


P10AW LfA: D_15d_LfA

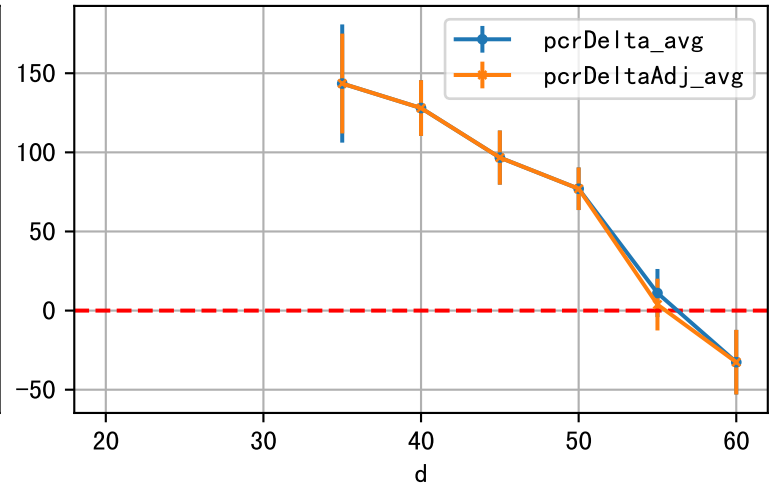
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

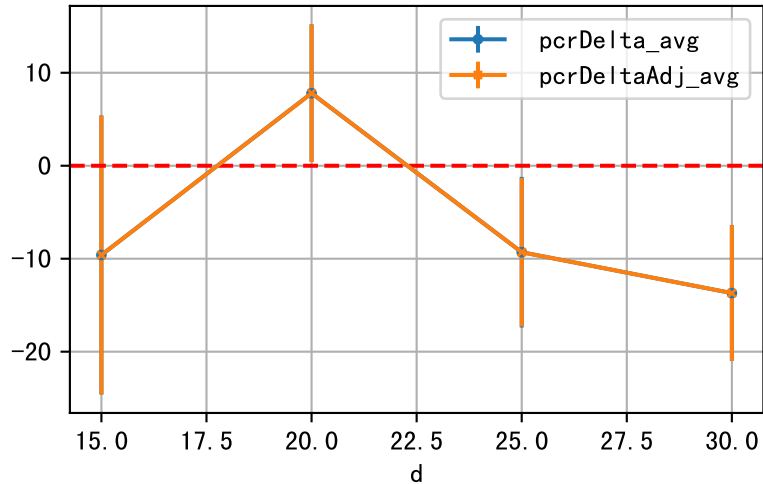


DeltaTypeAbbr=Wei AvgByD

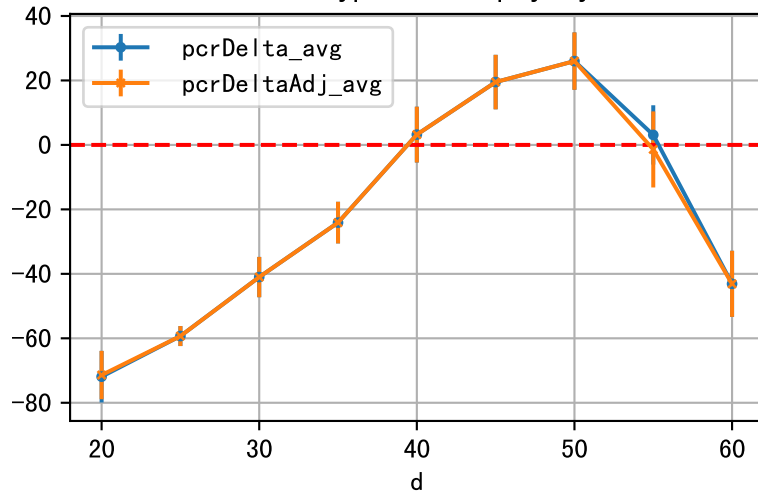


P10AW LfA: D_Q50_LfA

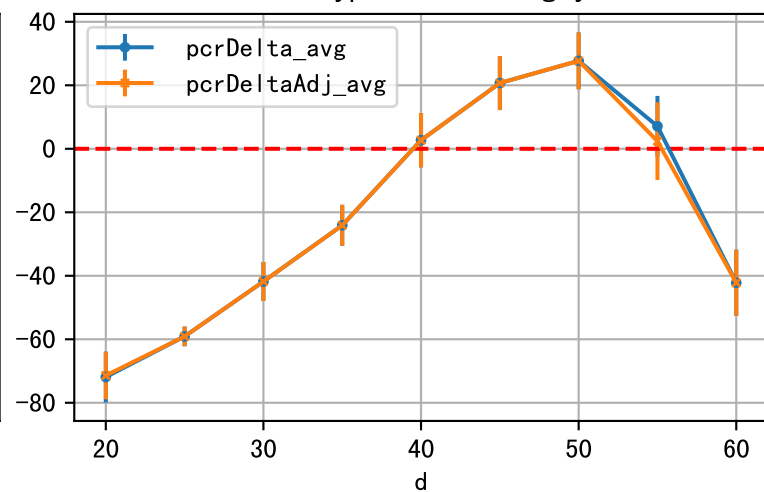
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

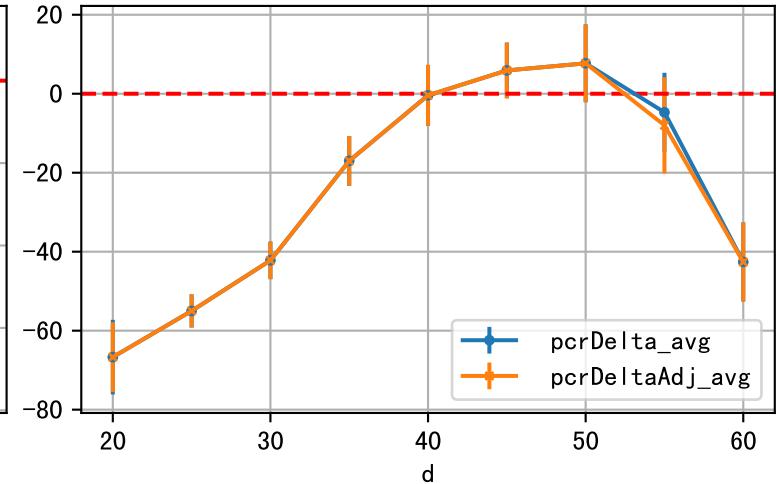
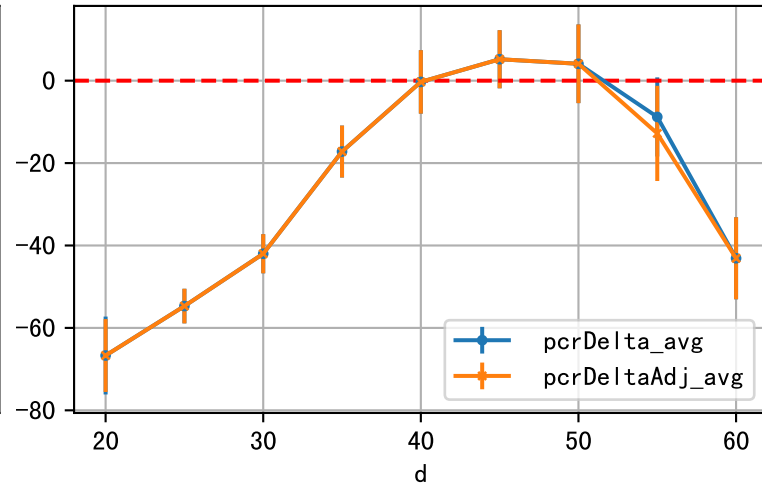
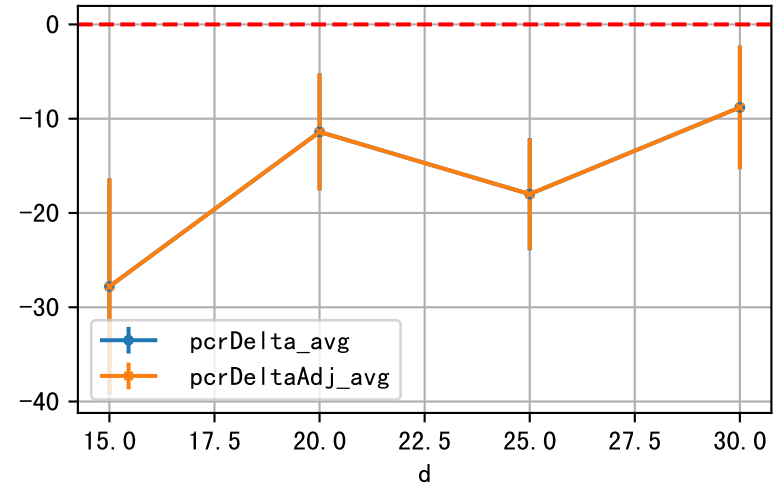


DeltaTypeAbbr=Wei AvgByD

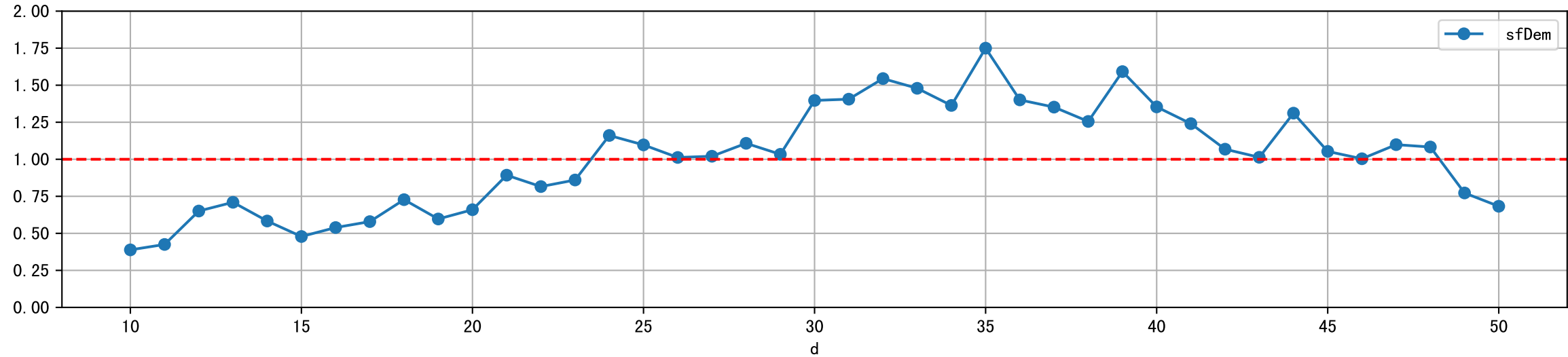


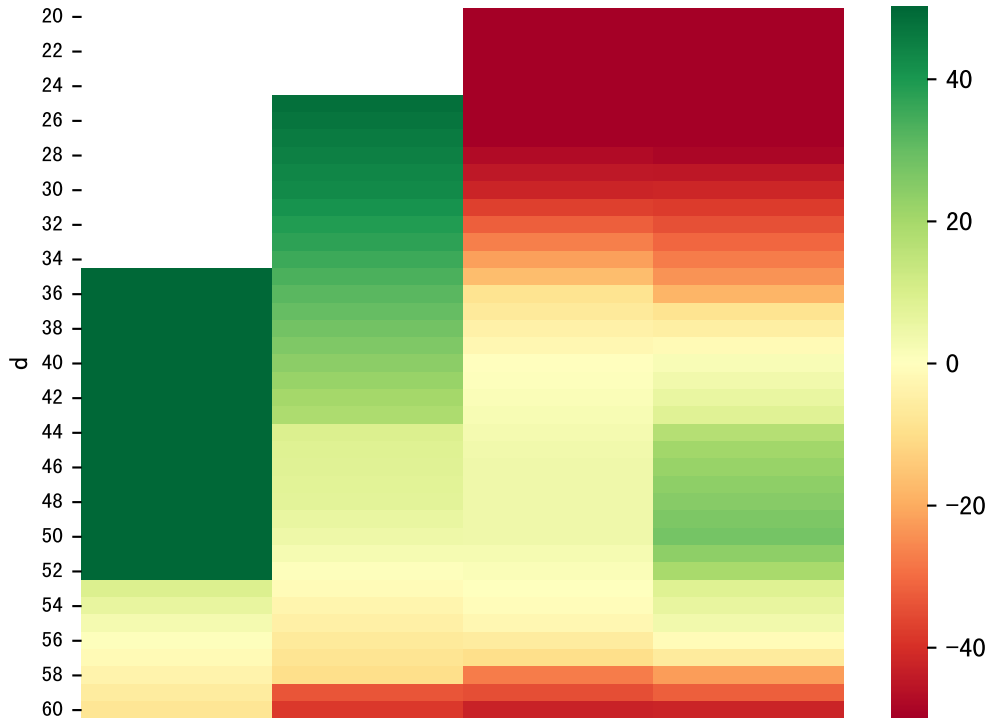
P10AW LfA: D_Est_LfA

DeltaTypeAbbr=GrpByDay



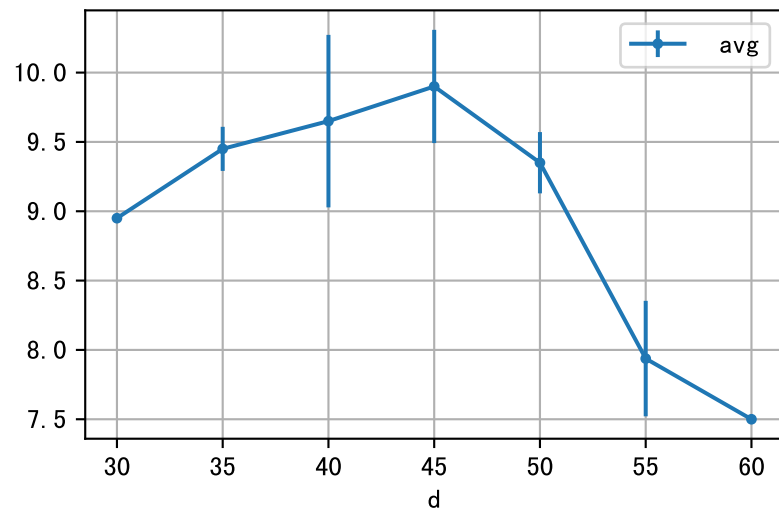
LfA: sfDem



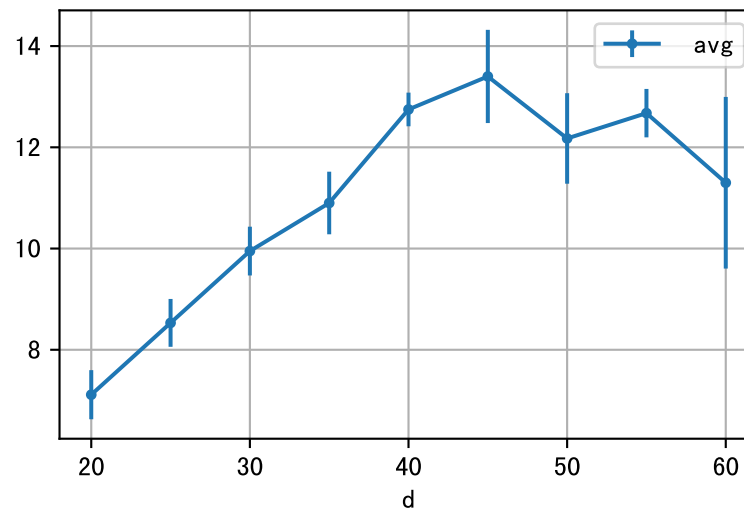


NdD: avg vs. d at each age group

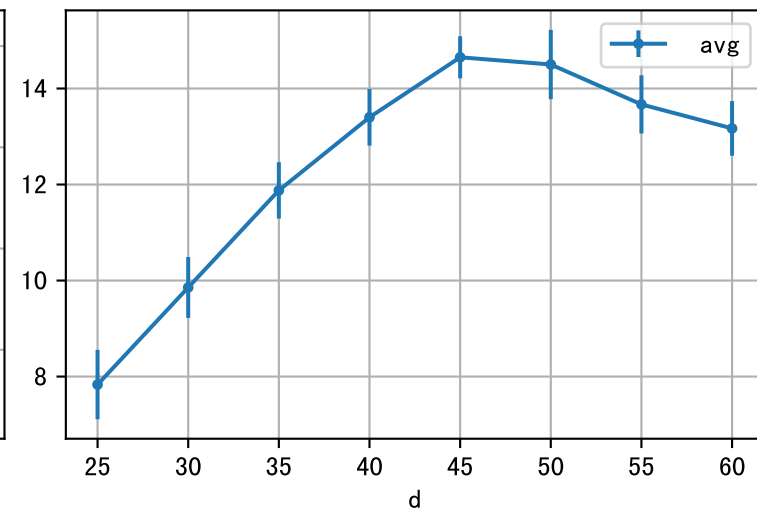
age=15



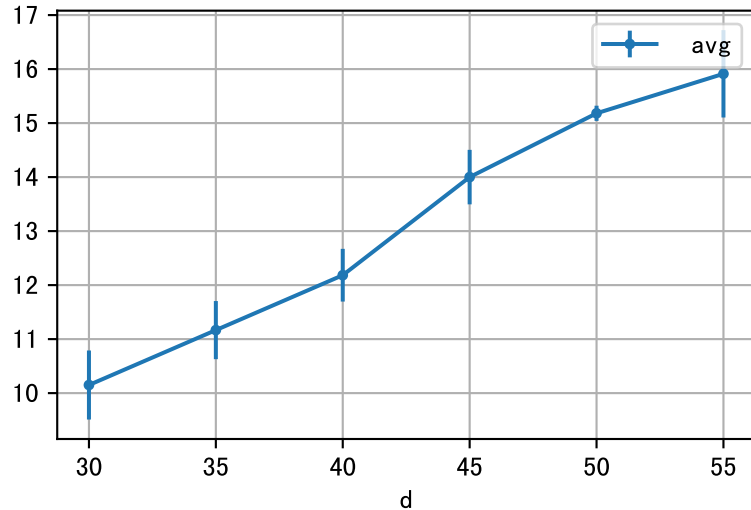
age=20



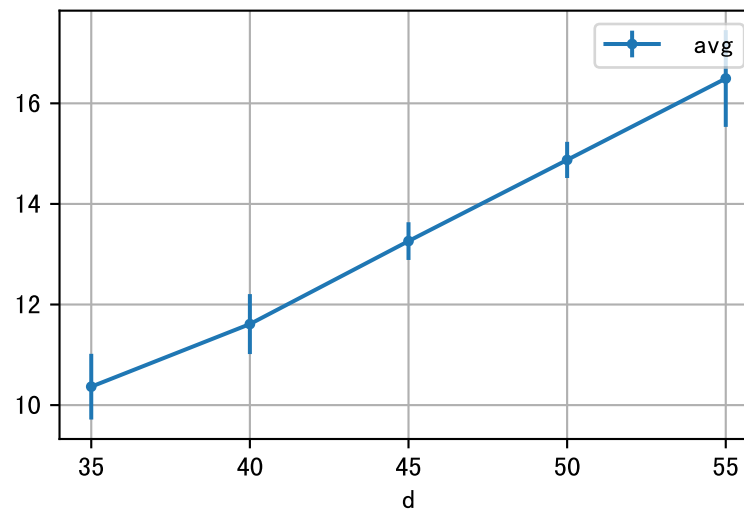
age=25



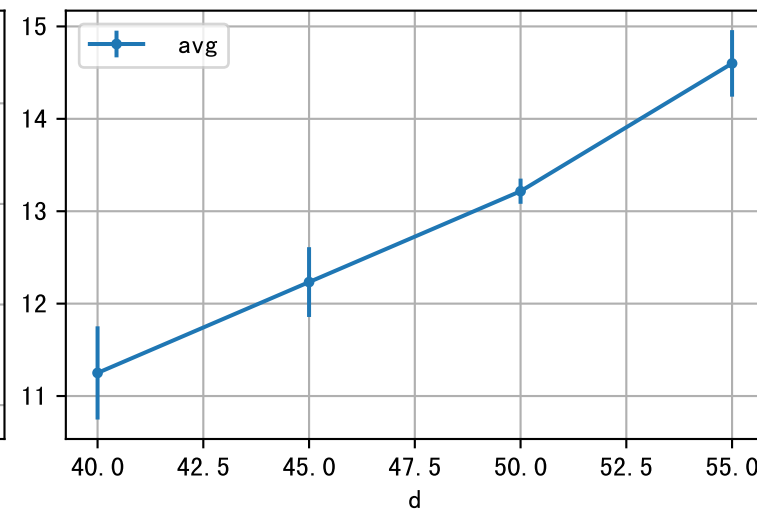
age=30



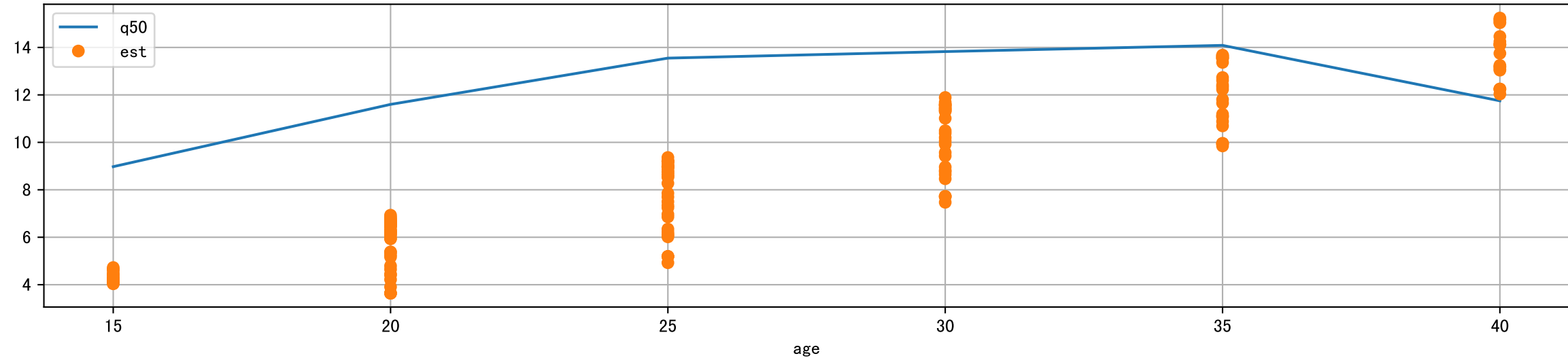
age=35



age=40

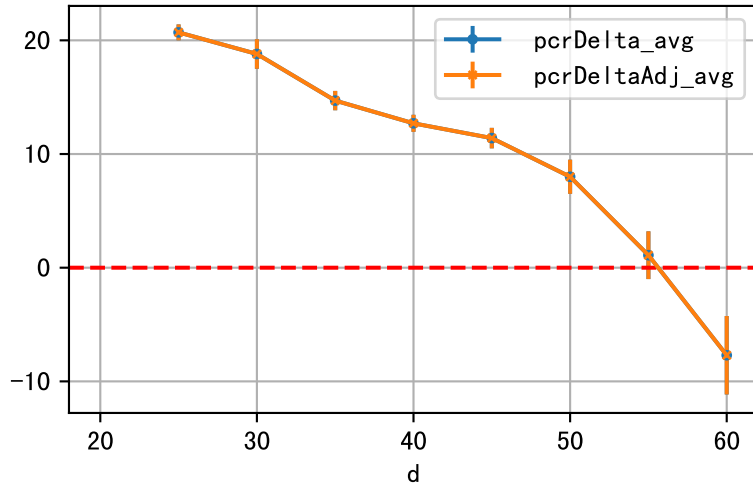


NdD: model est vs obs0v@Q50

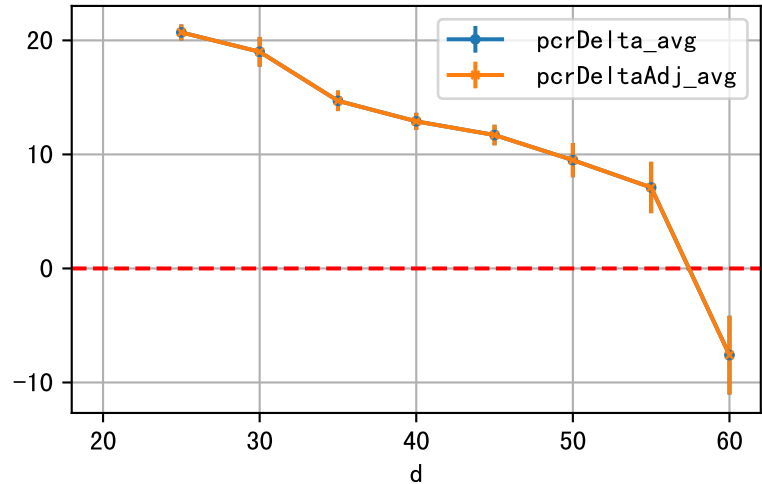


P10AW NdD: D_5d_NdD

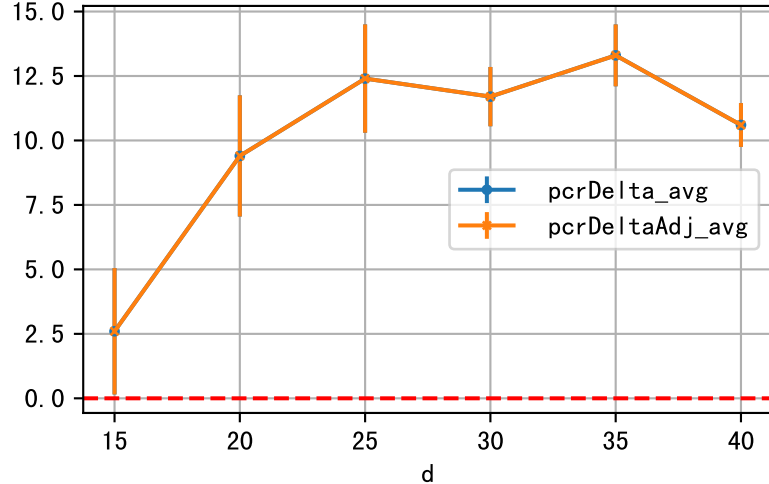
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=Wei AvgByD

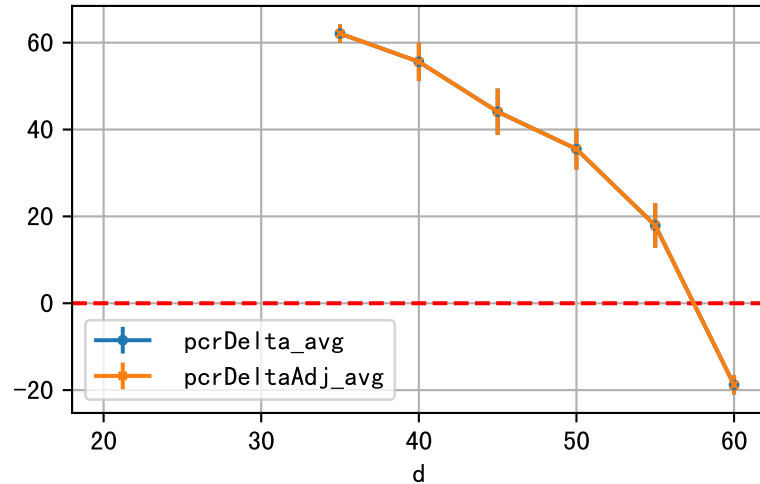


DeltaTypeAbbr=GrpByAge

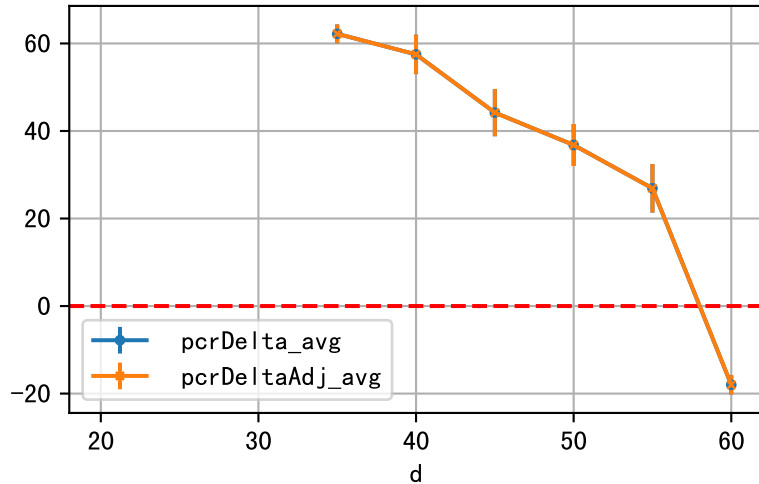


P10AW NdD: D_15d_NdD

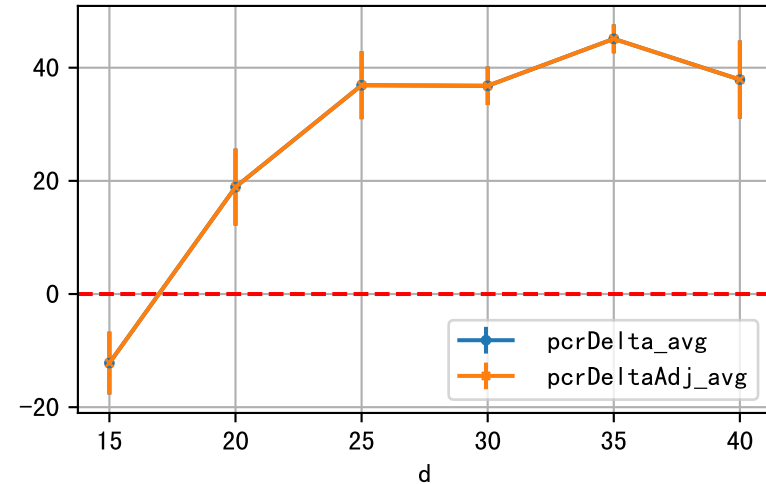
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=Wei AvgByD

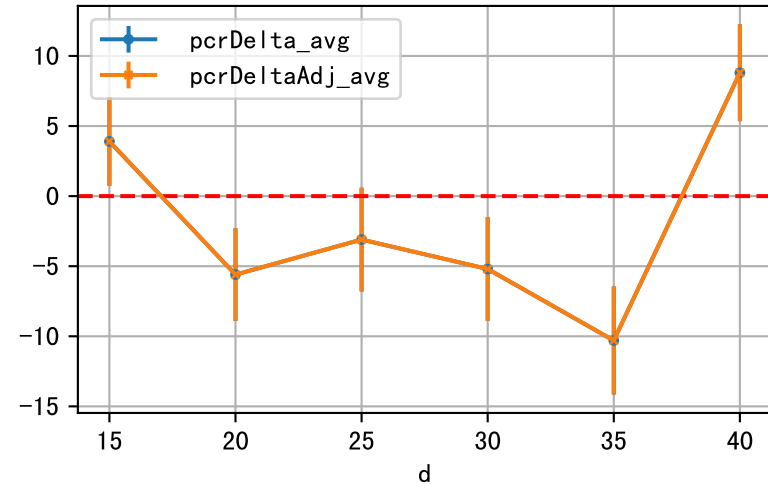


DeltaTypeAbbr=GrpByAge

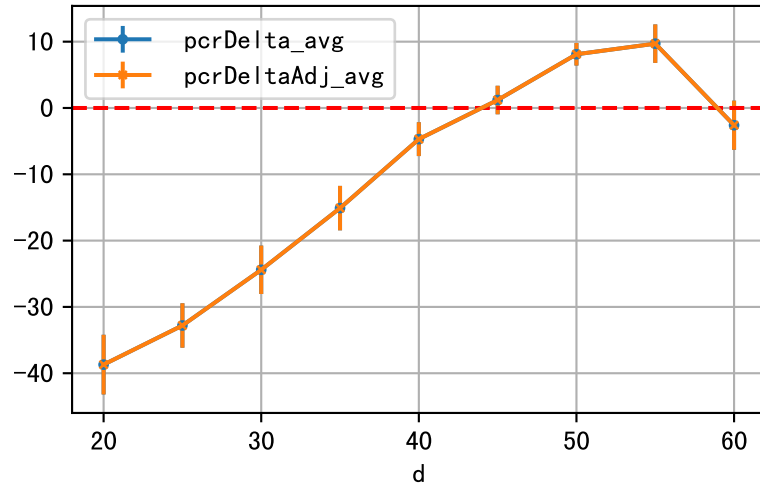


P10AW NdD: D_Q50_NdD

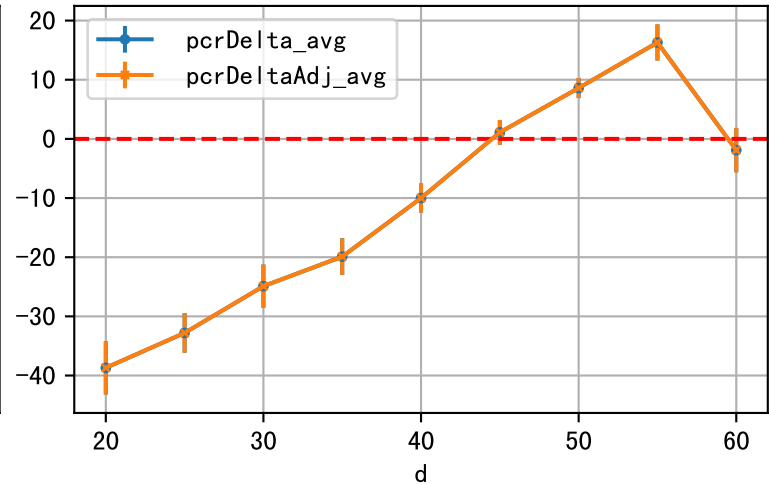
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

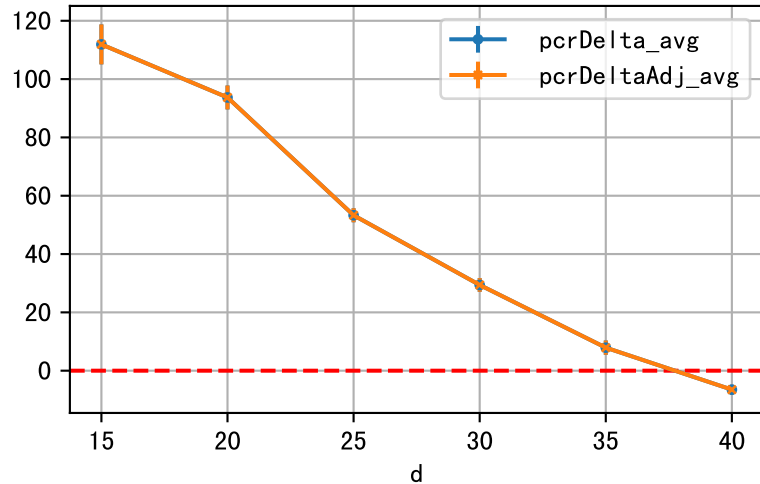


DeltaTypeAbbr=Wei AvgByD

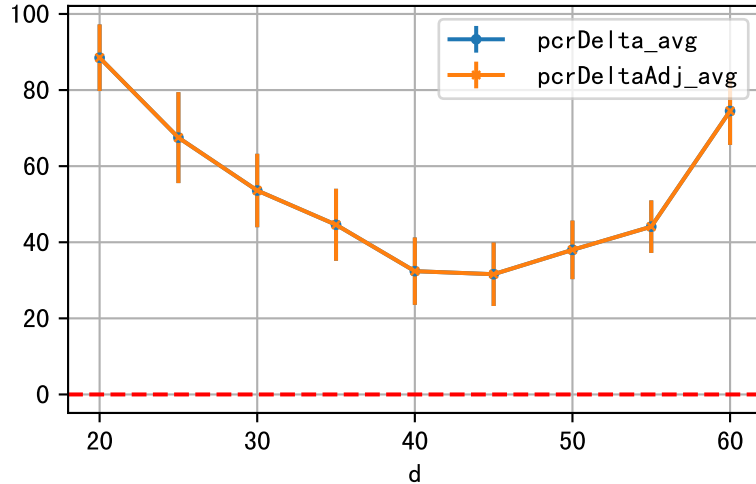


P10AW NdD: D_Est_NdD

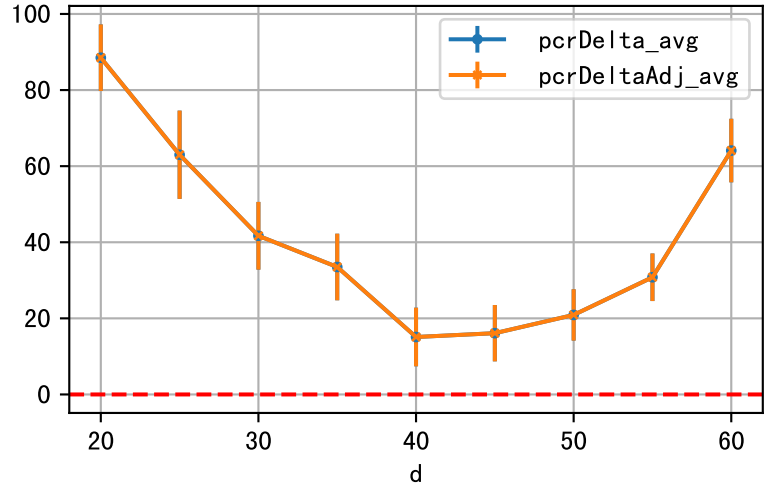
DeltaTypeAbbr=GrpByAge



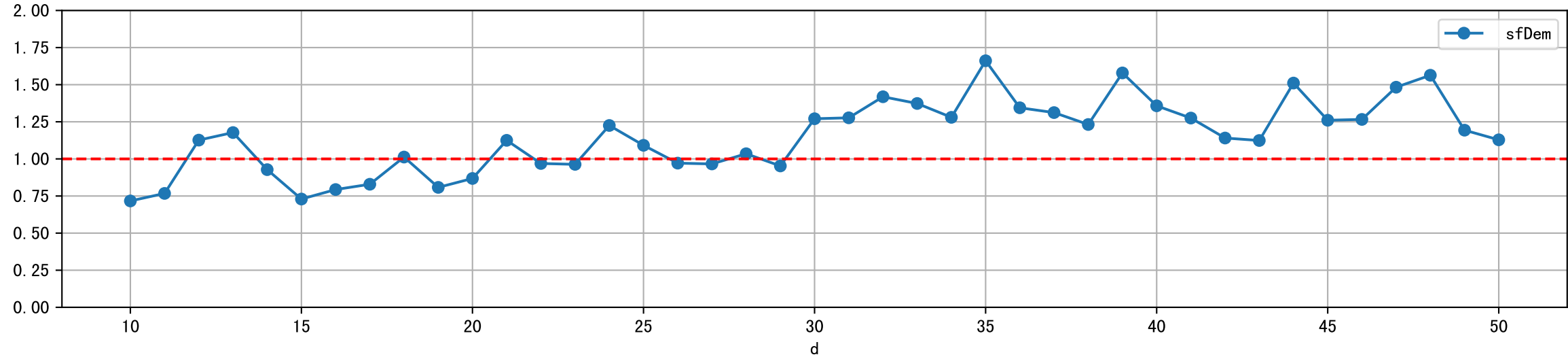
DeltaTypeAbbr=GrpByDay

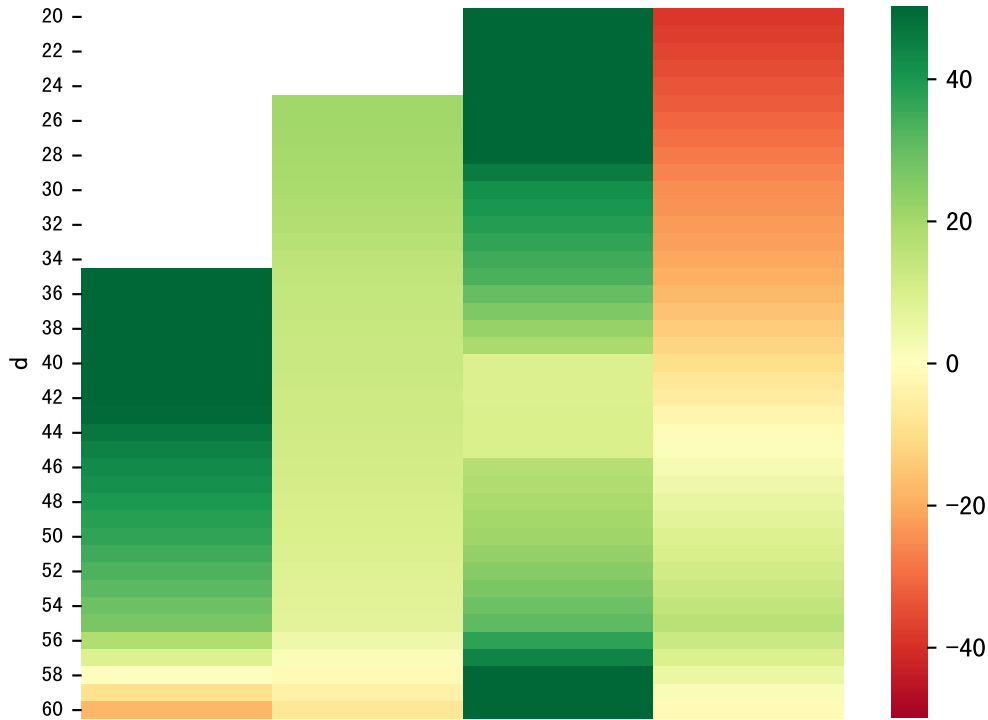


DeltaTypeAbbr=WeiAvgByD

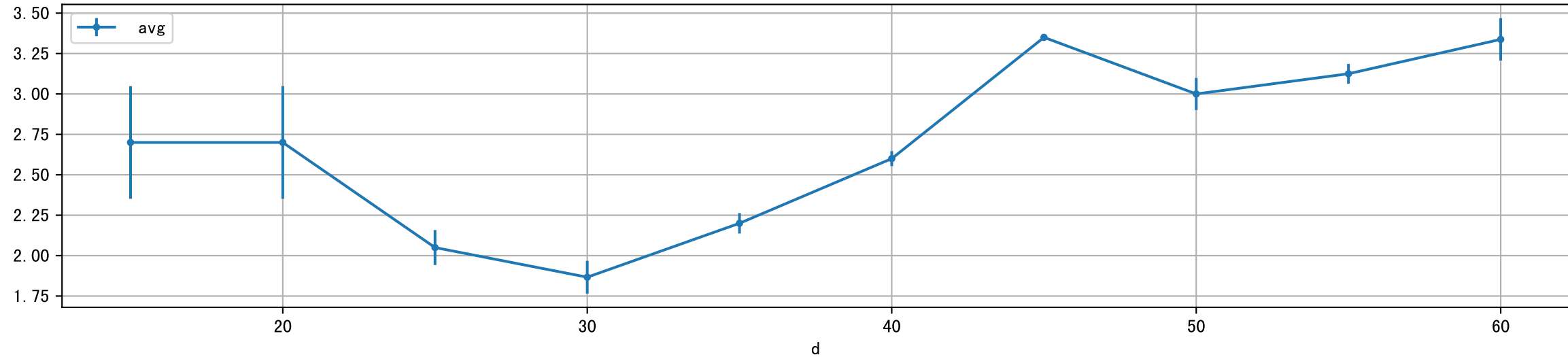


NdD: sfDem

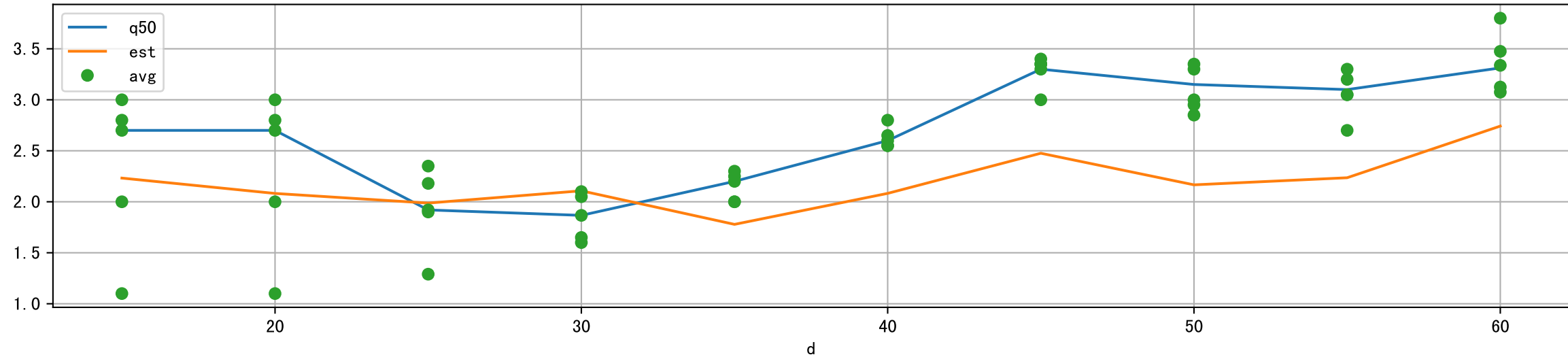




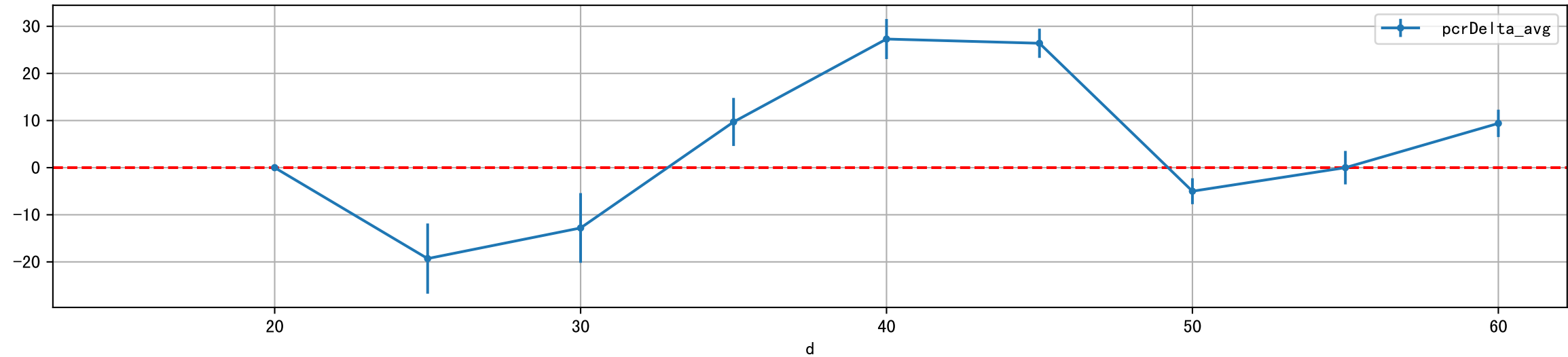
dStH: avg vs. d



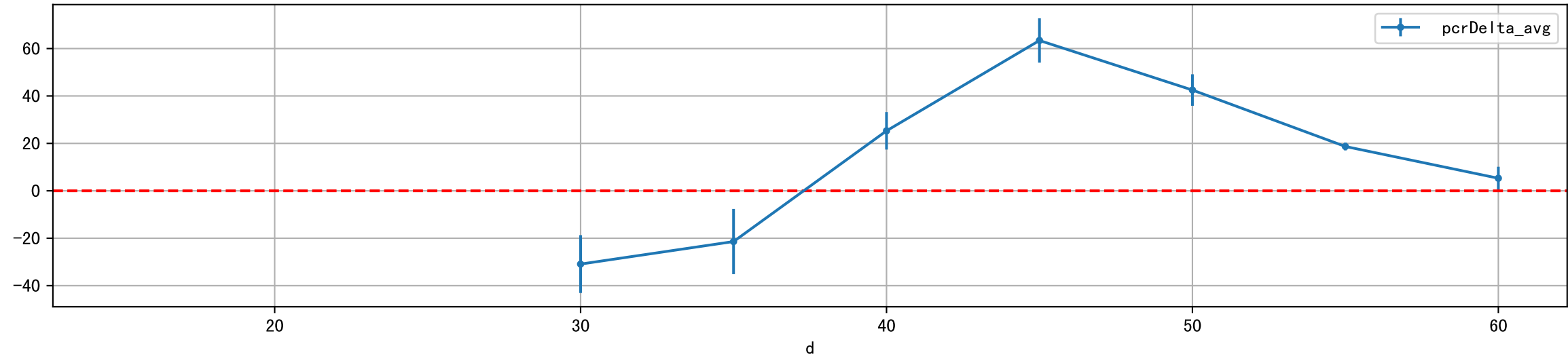
dStH: obsAvg vs obs0v@Q50



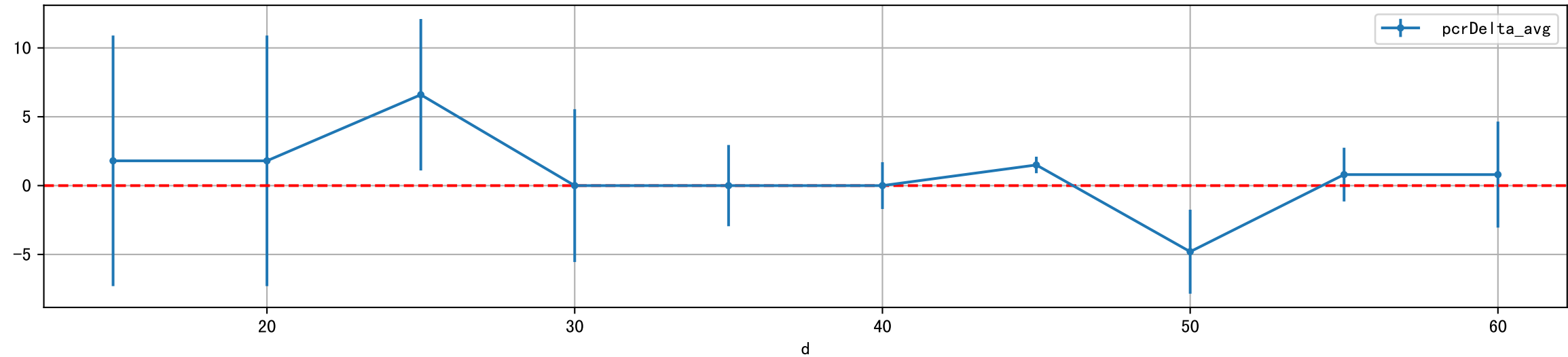
dStH: D_5d_StH



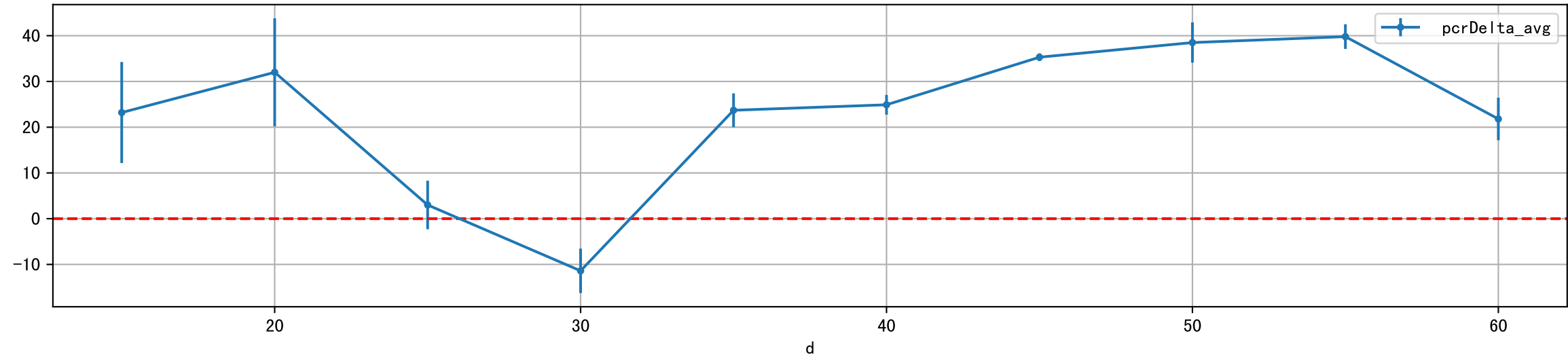
dStH: D_15d_StH



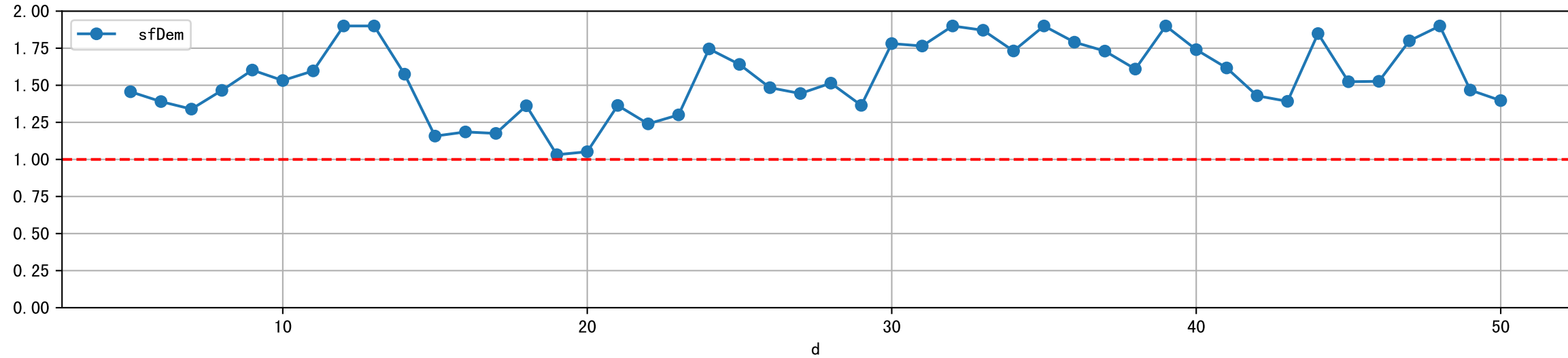
dStH: D_Q50_StH



dStH: D_Est_StH



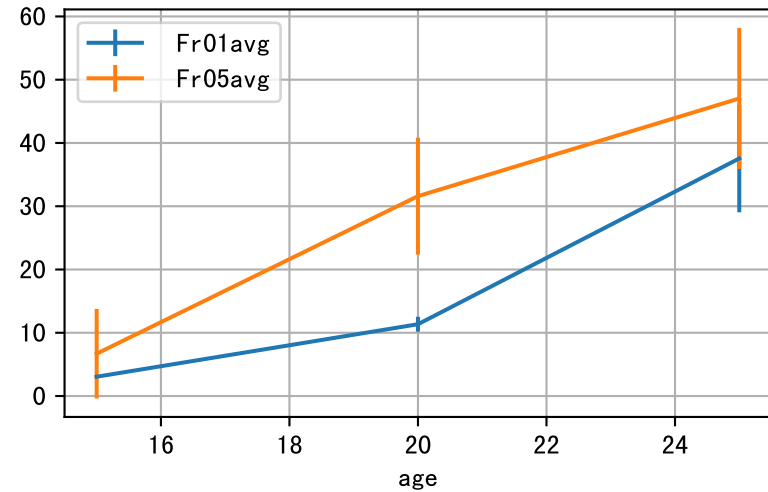
dStH: sfDem



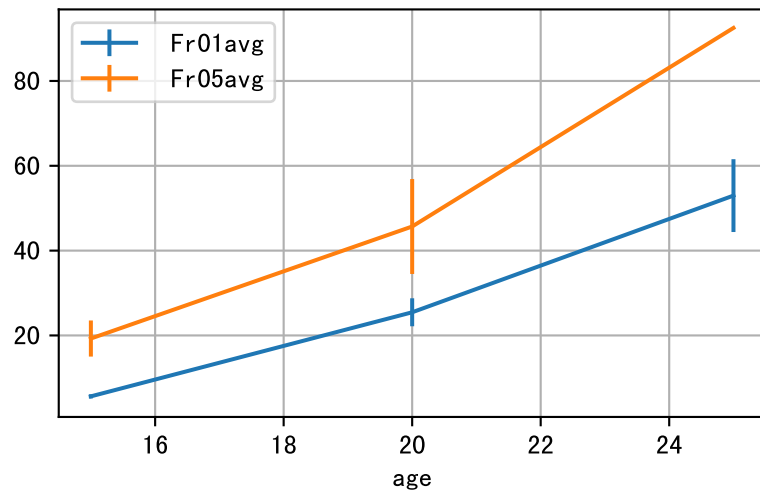


FrV: Fr01 vs Fr05 at each truss

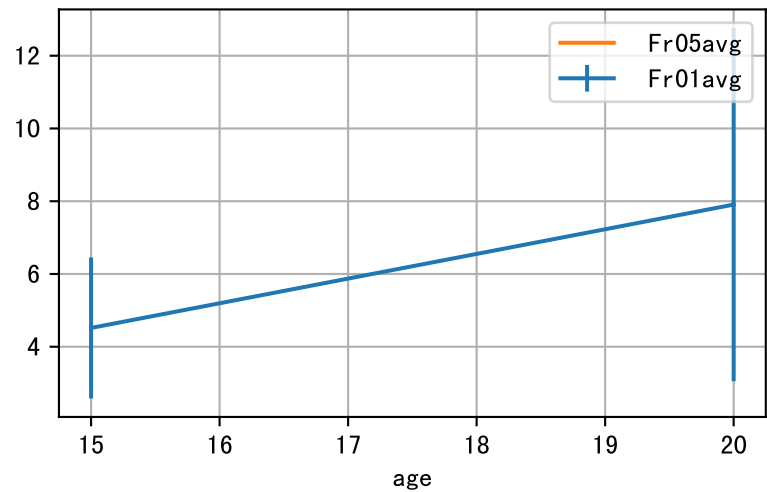
organID=T01



organID=T02

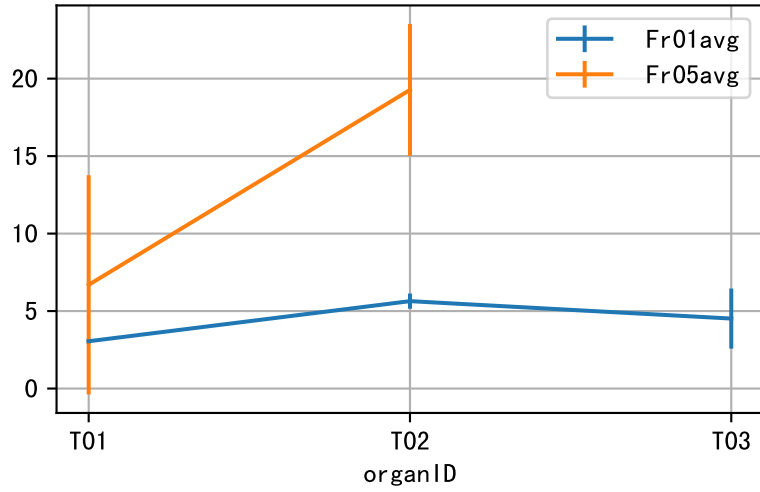


organID=T03

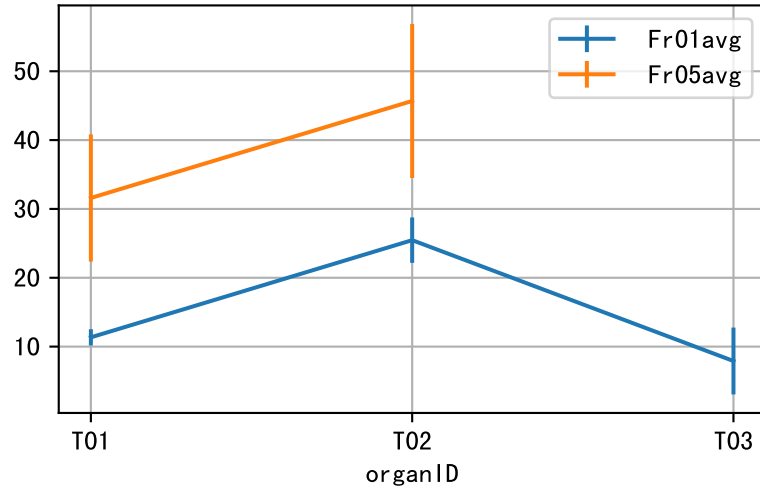


FrV trend at each age

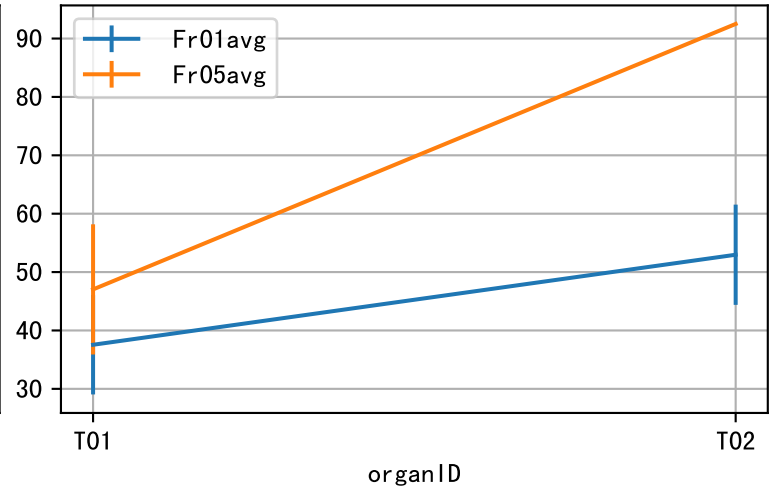
age=15



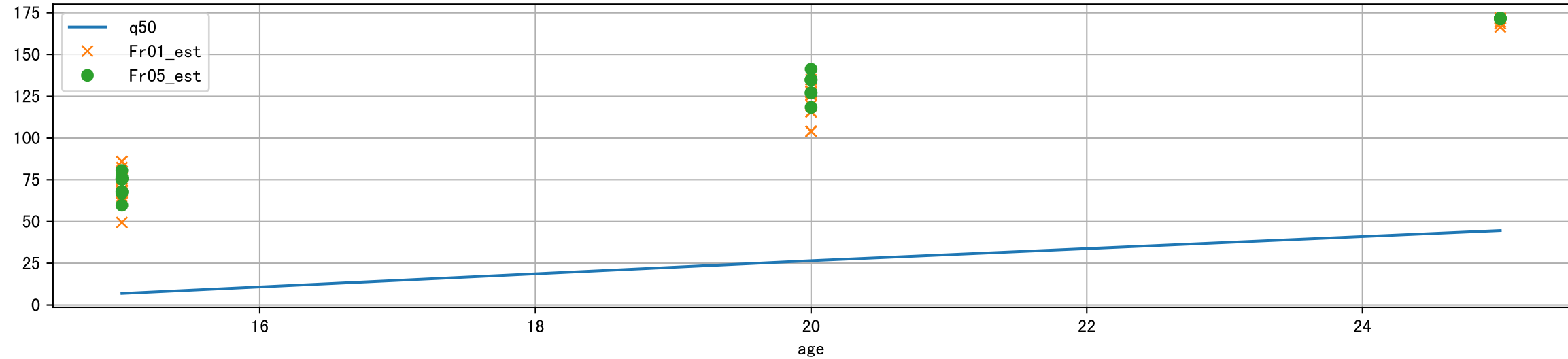
age=20



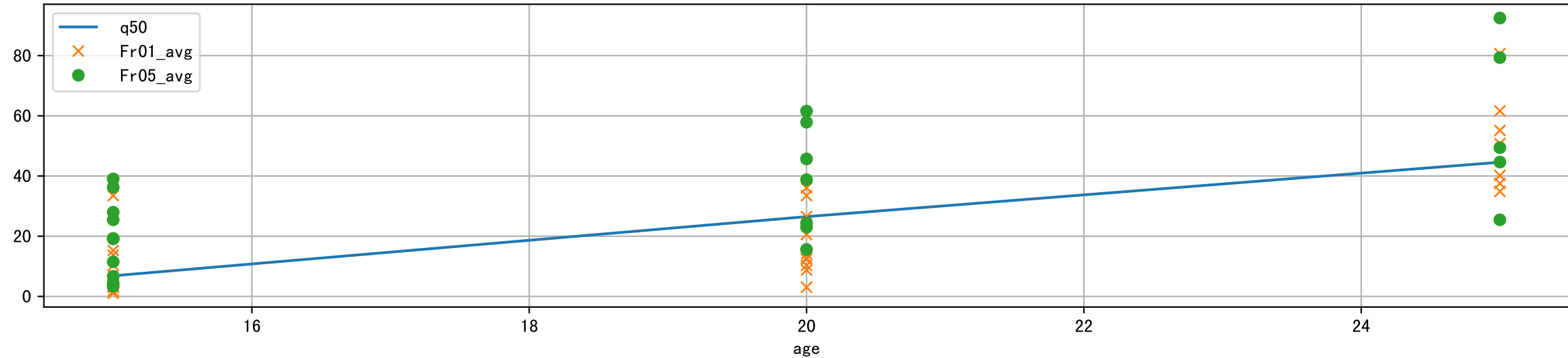
age=25



FrV: model Est vs obsFrV at Q90

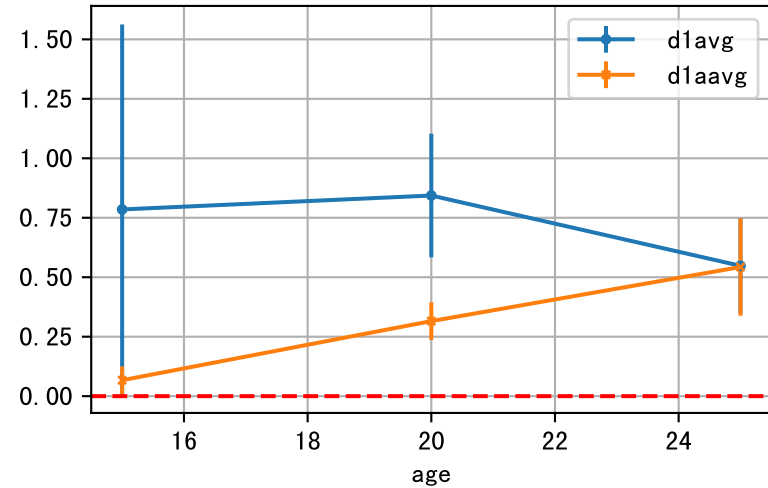


FrV: obsFrV vs obsFrV@Q90

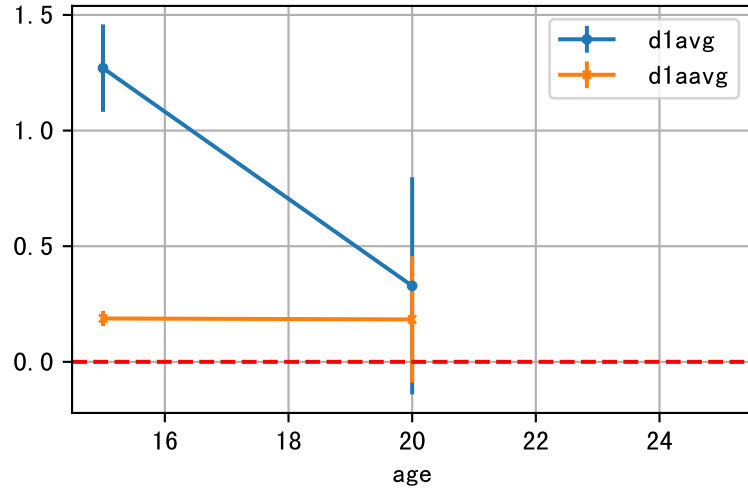


FrV: D_Fr1_FrV

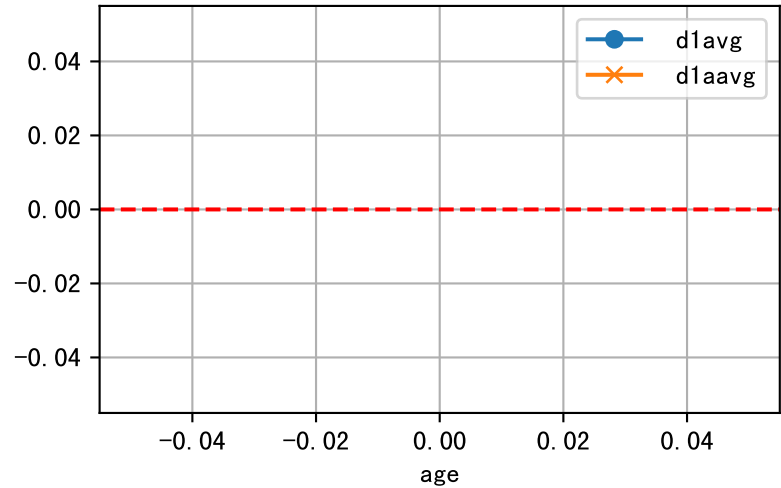
organID=1



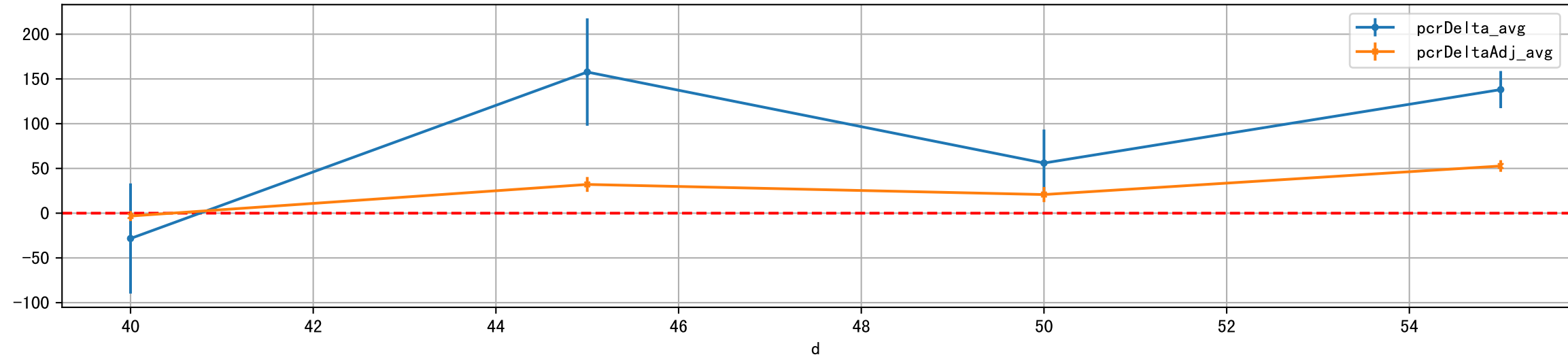
organID=2



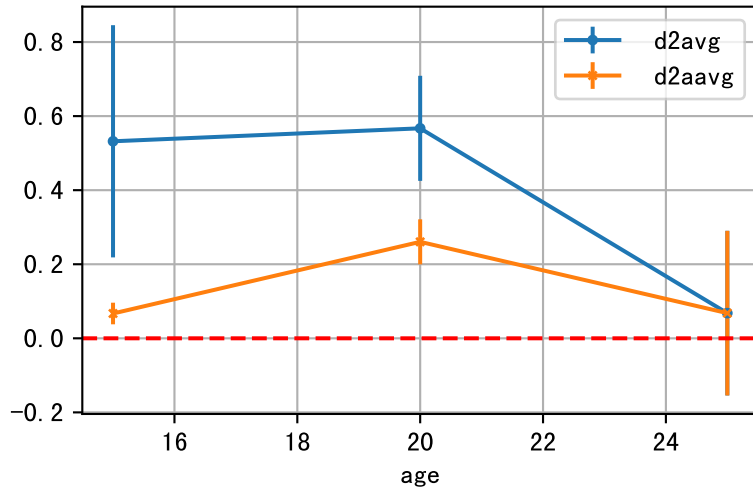
organID=3



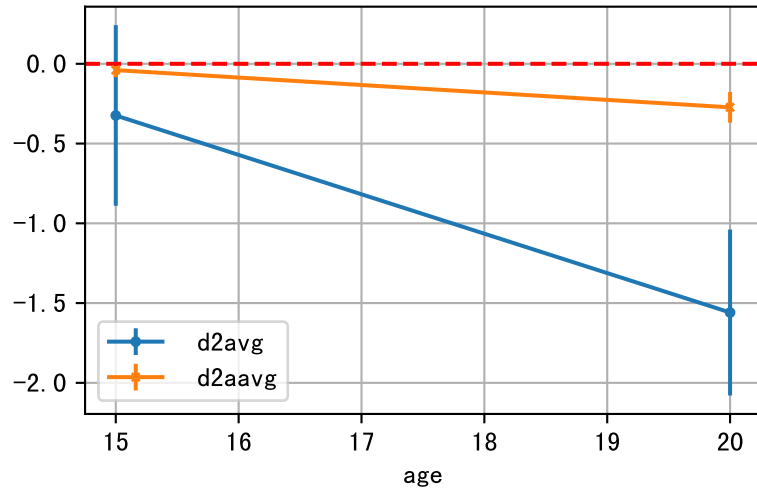
P10AW FrV: D_Fr1_FrV



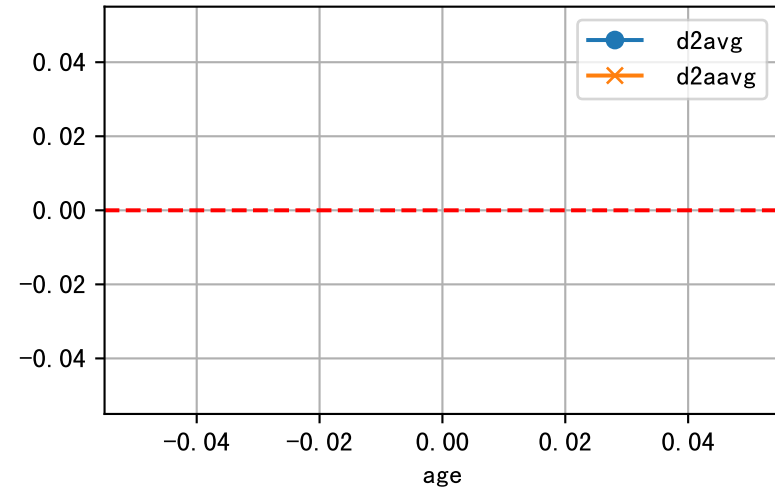
FrV: D_Ts_FrV
organID=2



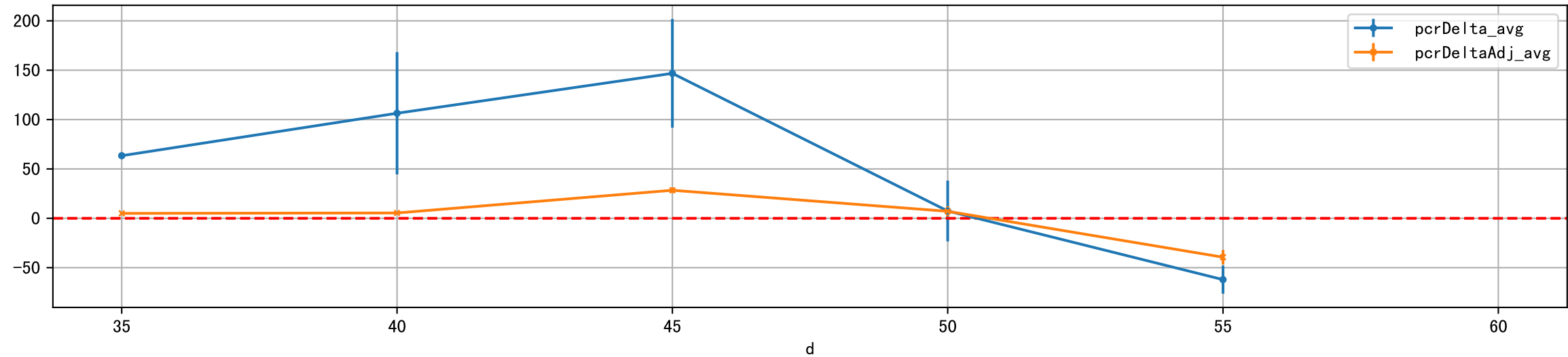
organID=3



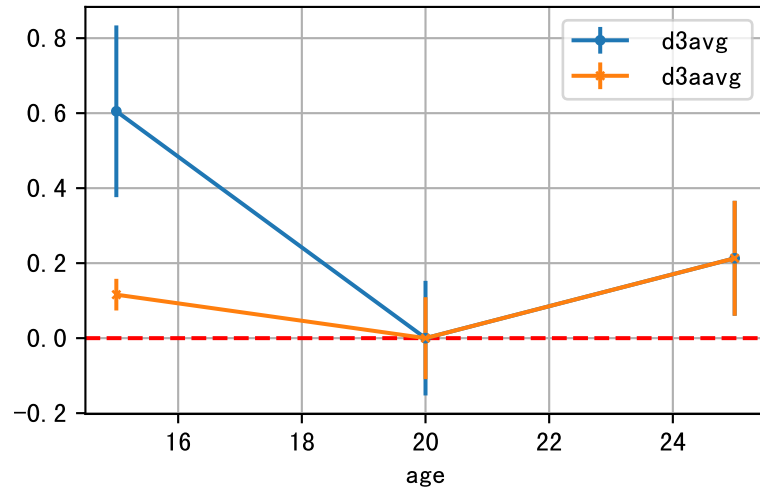
organID=1



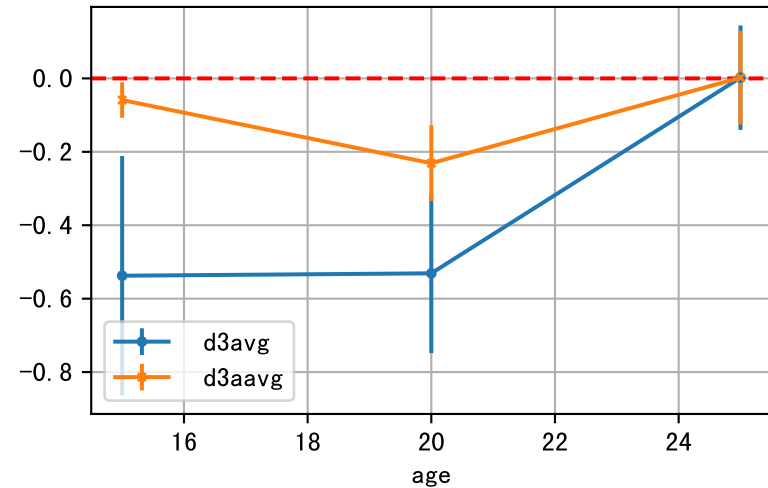
P10AW FrV: D_Ts_FrV



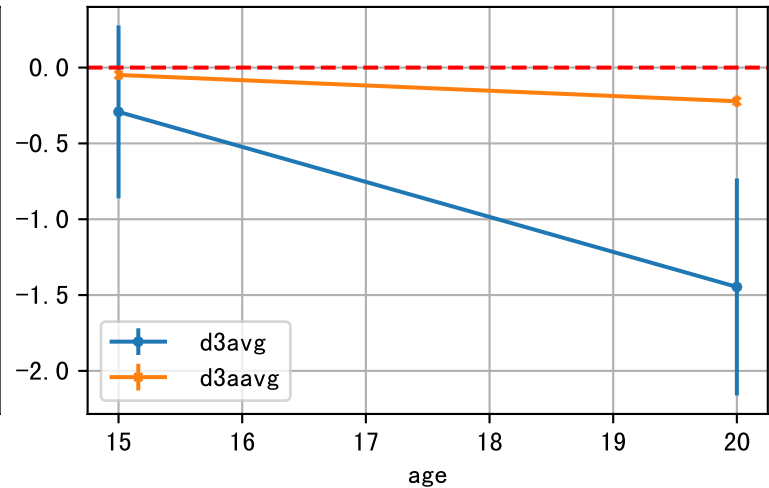
FrV: D_Q50_FrV
organID=2



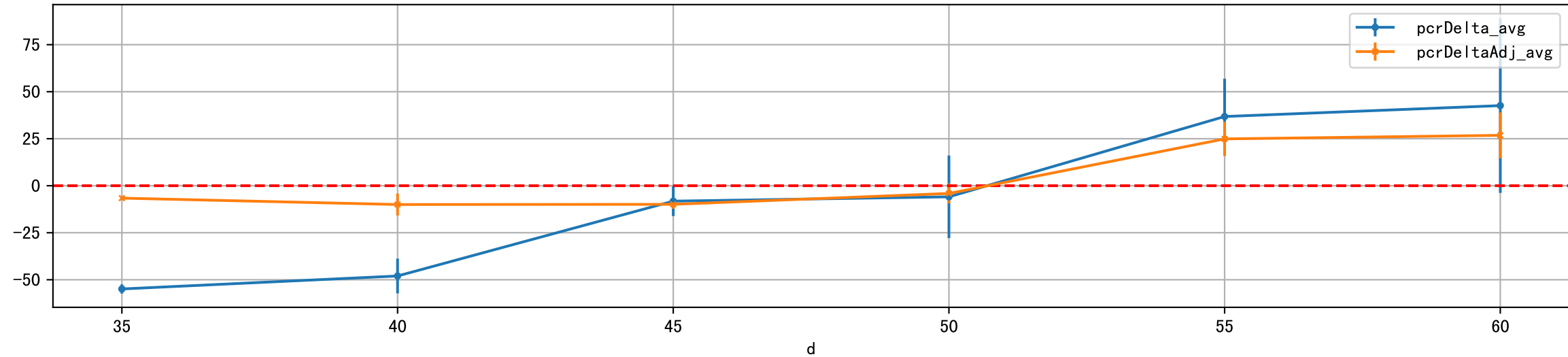
organID=1



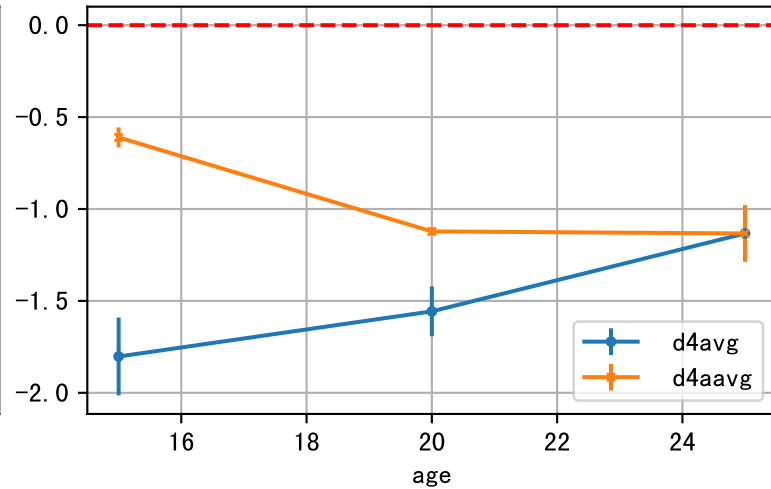
organID=3



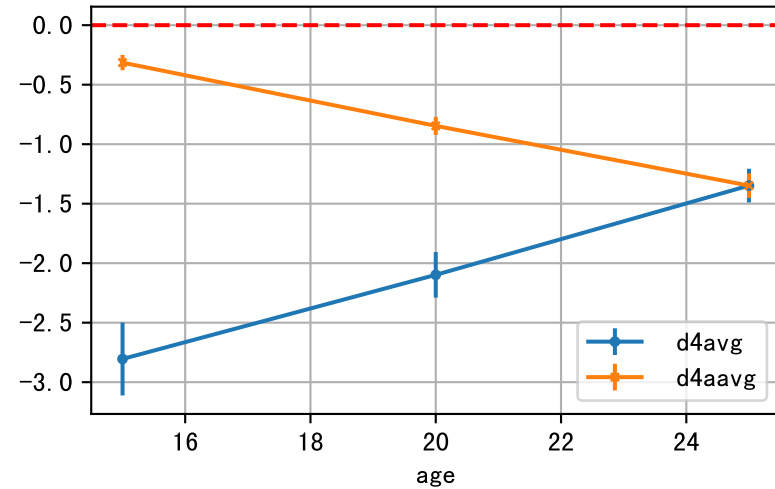
P10AW FrV: D_Q50_FrV



FrV: D_Est_FrV
organID=2



organID=1



organID=3

