

Phenotype Data Analysis Plots

PhenoData day range = 10 – 66

Analysis cutoff day = 66

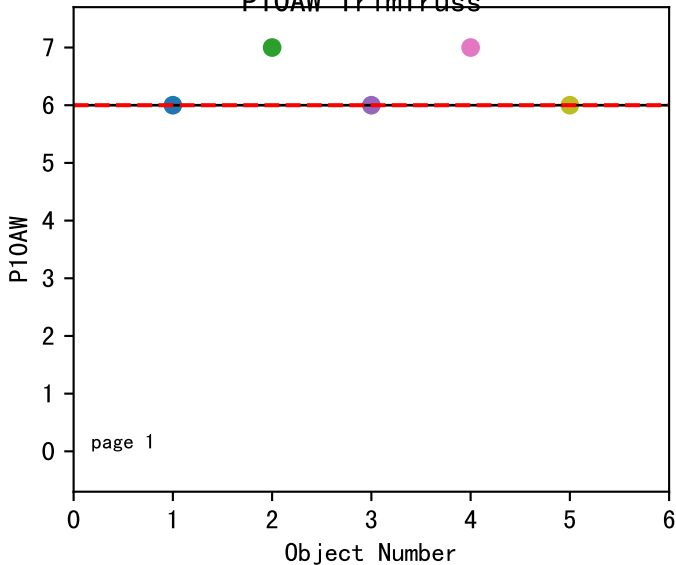
NC11 P10

2025-06-06 (Day 67)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~9% avg2=na

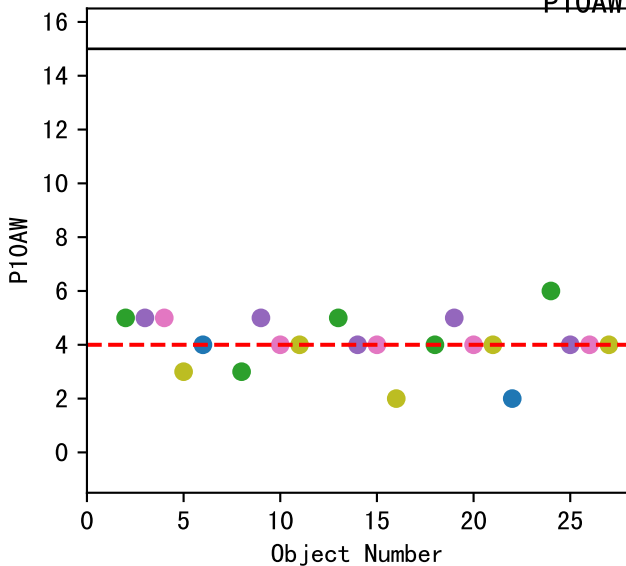
P10AW TrimTruss



FruitNumAvgPerTruss (Def=15 Set=4)

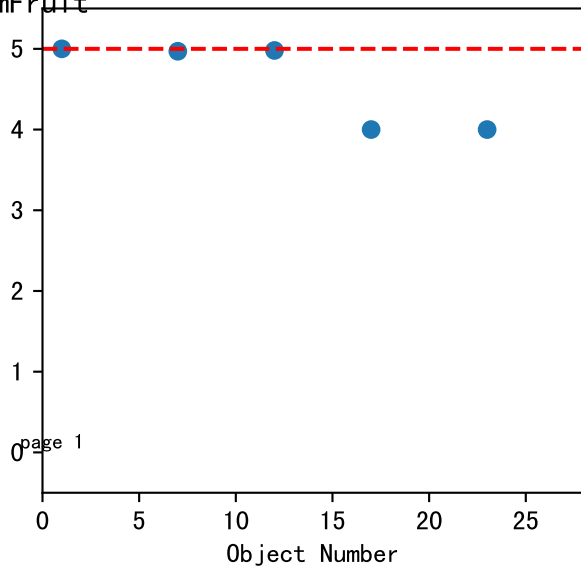
avg1=4.0~18% avg2=na

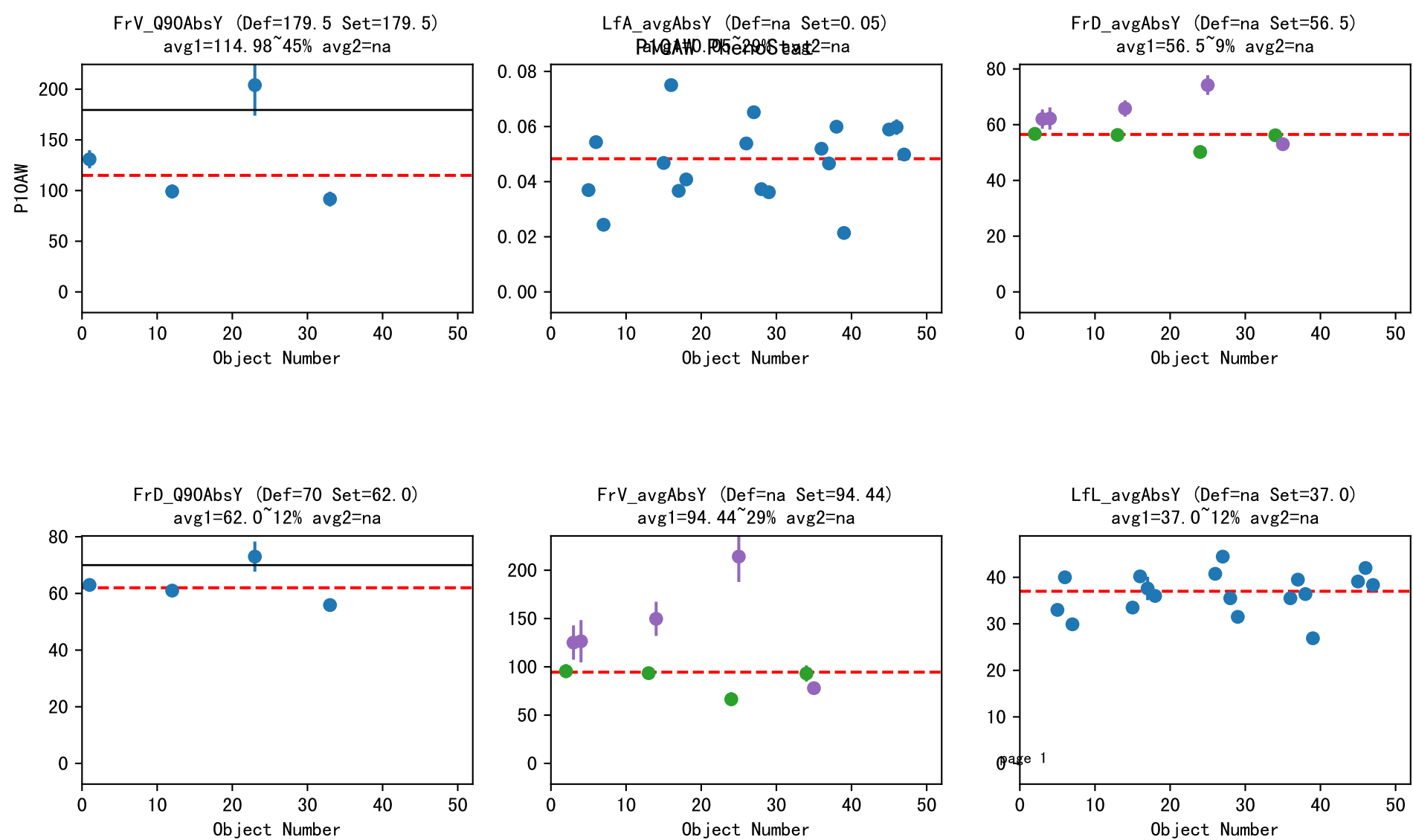
P10AW TrimFruit



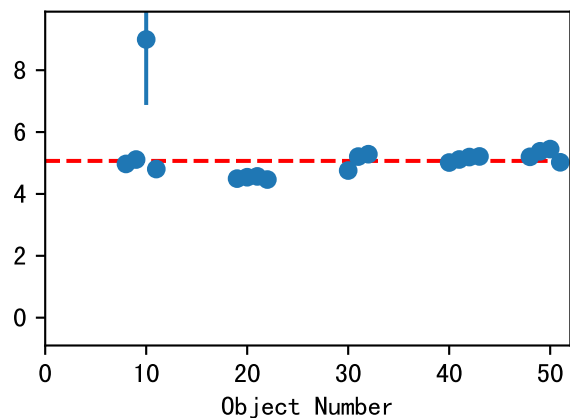
FruitNumMaxPerTruss (Def=na Set=5)

avg1=5.0~11% avg2=na

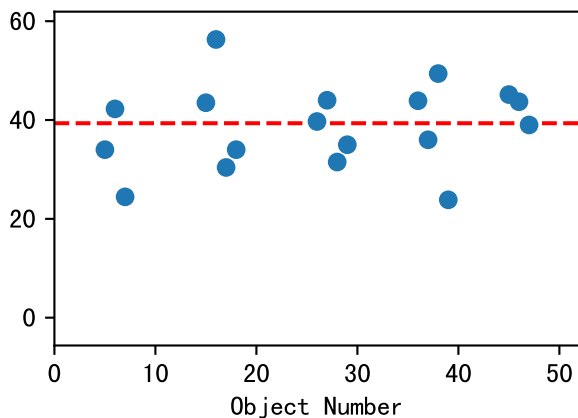




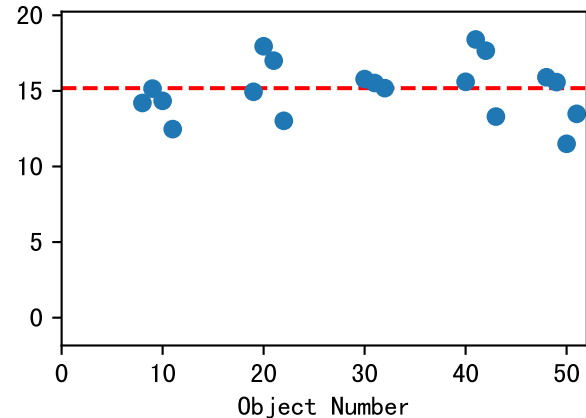
NdL_avgAbsY (Def=na Set=5.07)
avg1=5.07~6% avg2=na



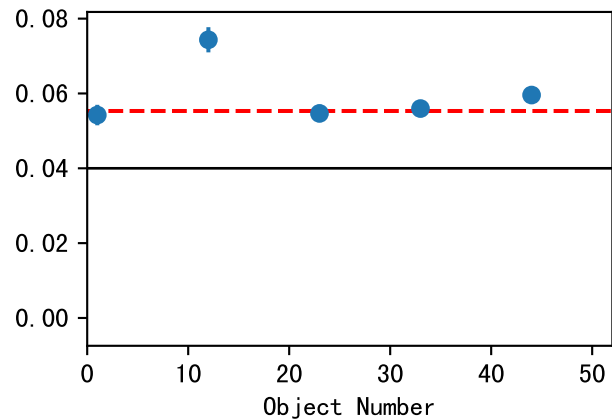
LfW_avgAbsY (Def=na Set=39.35)
avg1=39.35~21% avg2=na



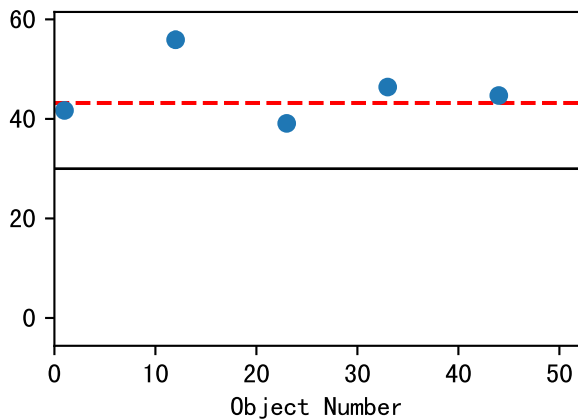
NdD_avgAbsY (Def=na Set=15.18)
avg1=15.18~12% avg2=na



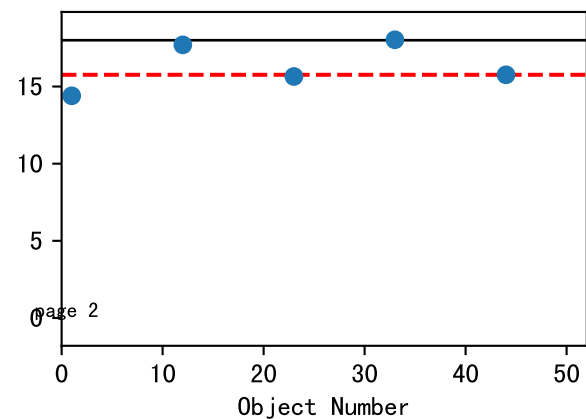
LfA_Q90AbsY (Def=0.04 Set=0.04)
avg1=0.06~4% avg2=na



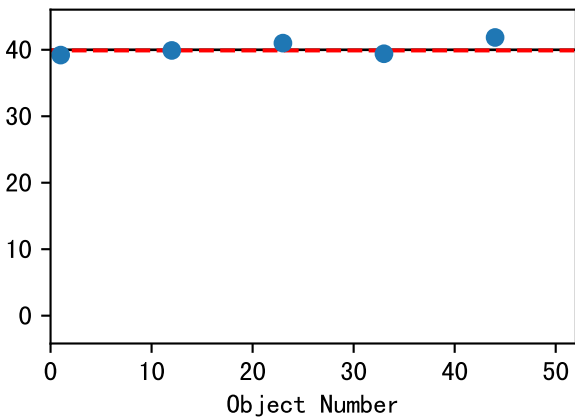
LfW_Q90AbsY (Def=30 Set=43.2)
avg1=43.2~7% avg2=na



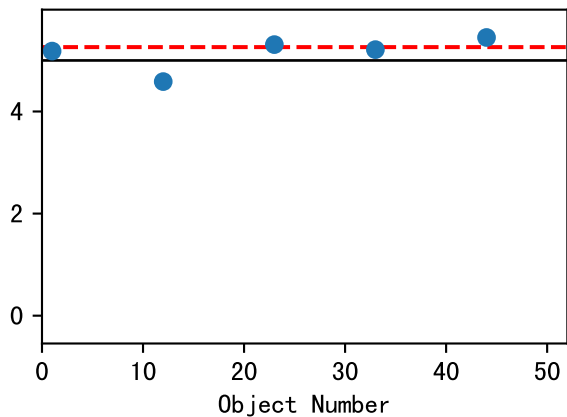
NdD_Q90AbsY (Def=18 Set=15.76)
avg1=15.76~10% avg2=na



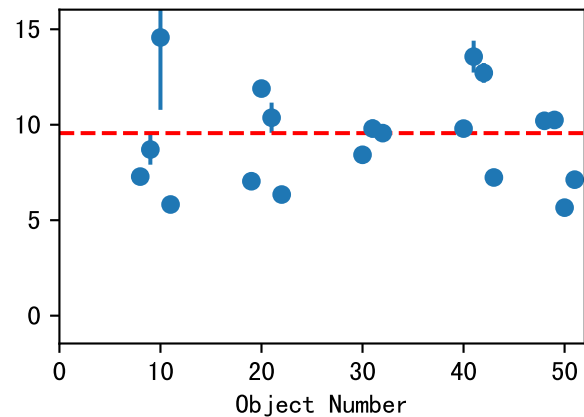
LfL_Q90AbsY (Def=40 Set=39.9)
avg1=39.9~3% avg2=na



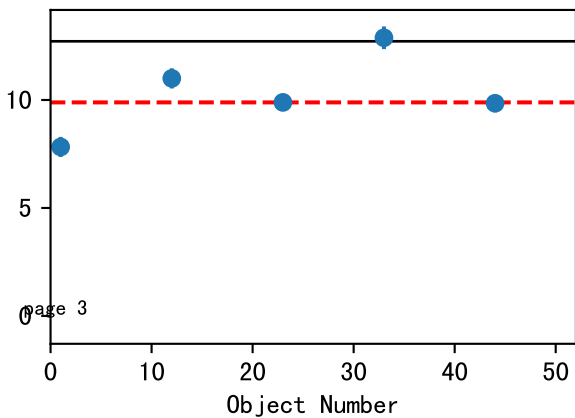
NdL_Q90AbsY (Def=5 Set=5.26)
avg1=5.26~2% avg2=na



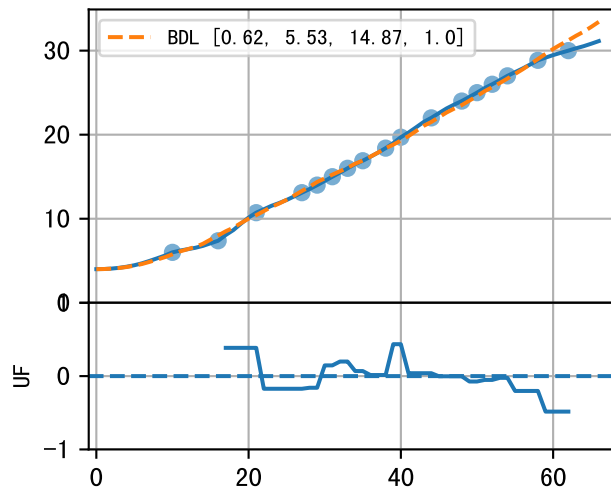
NdV_avgAbsY (Def=na Set=9.56)
avg1=9.56~27% avg2=na



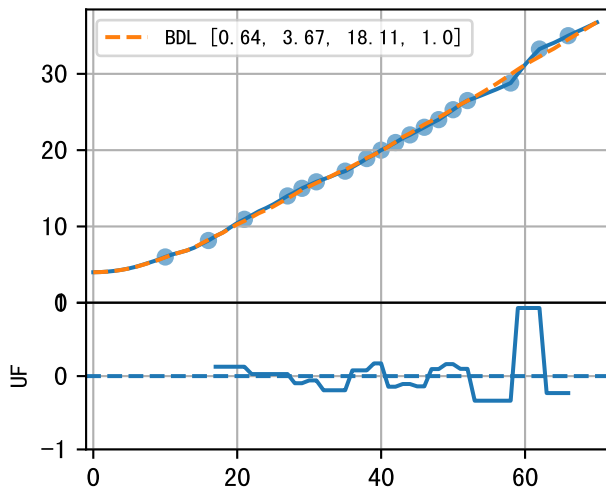
NdV_Q90AbsY (Def=12.72 Set=9.98)
avg1=9.89~7% avg2=na



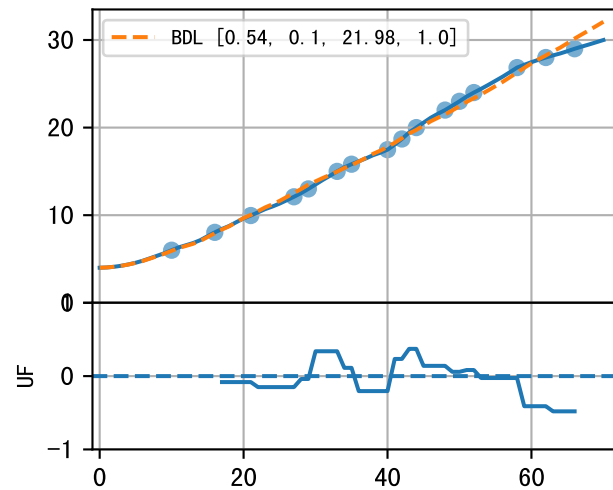
P10AW-003-11 (fit failed)



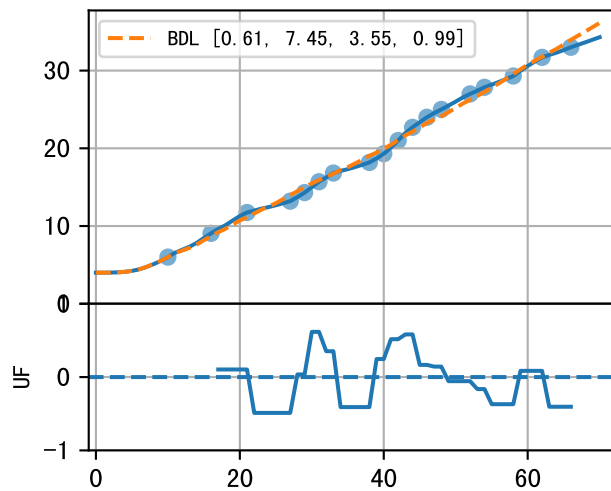
P10AW-016-21 (fit failed)



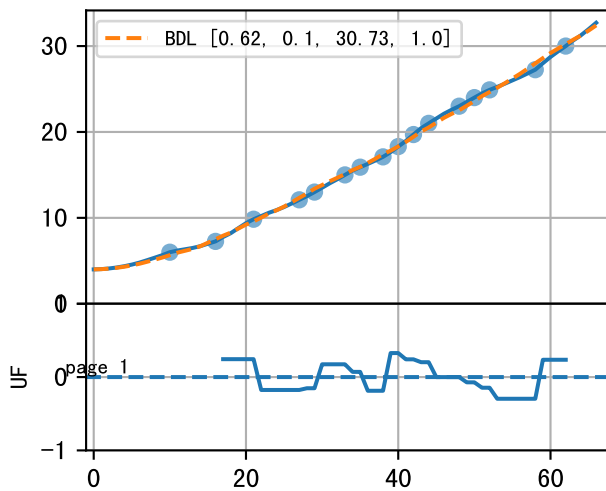
P10AW-029-30 (fit failed)



P10AW-041-24 (fit failed)

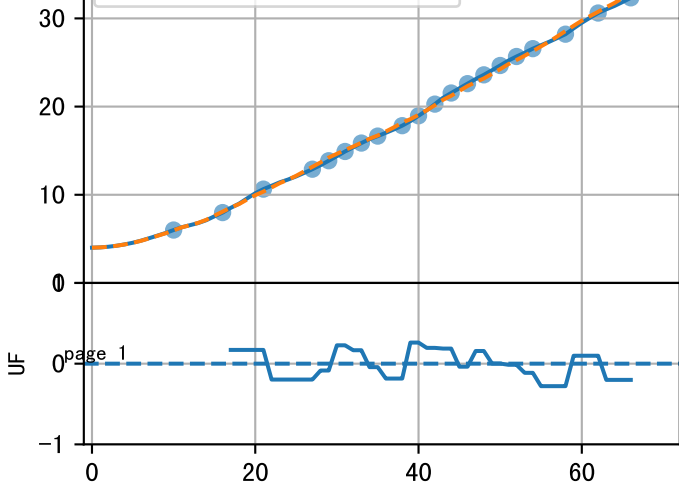


P10AW-054-10 (fit failed)

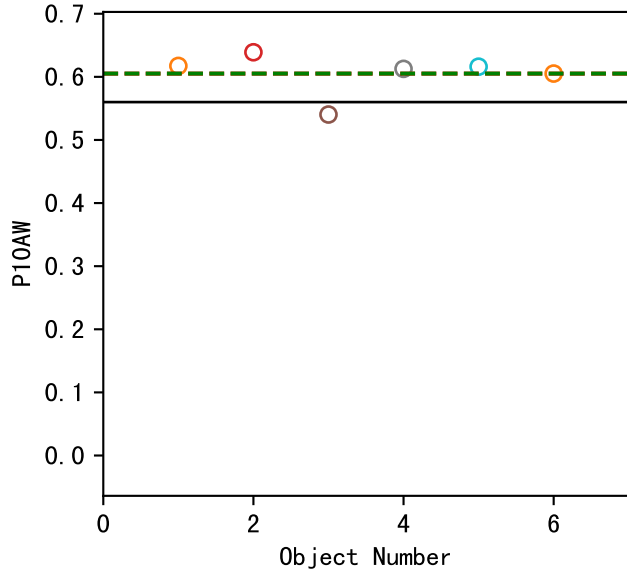


P10Aavg (fit failed)

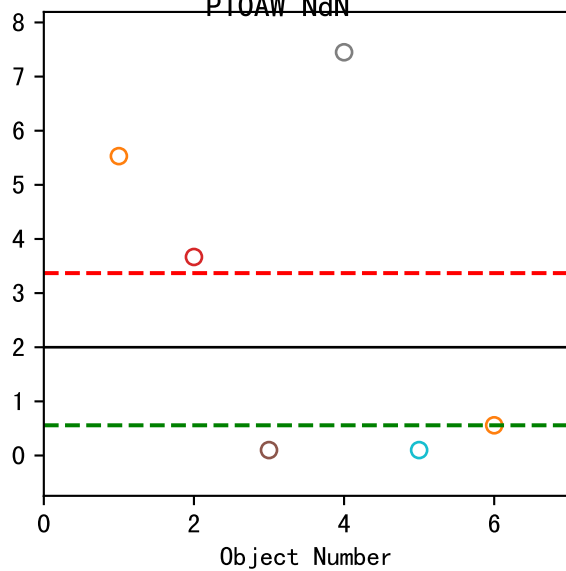
BDL [0.61, 0.56, 23.7, 1.0]



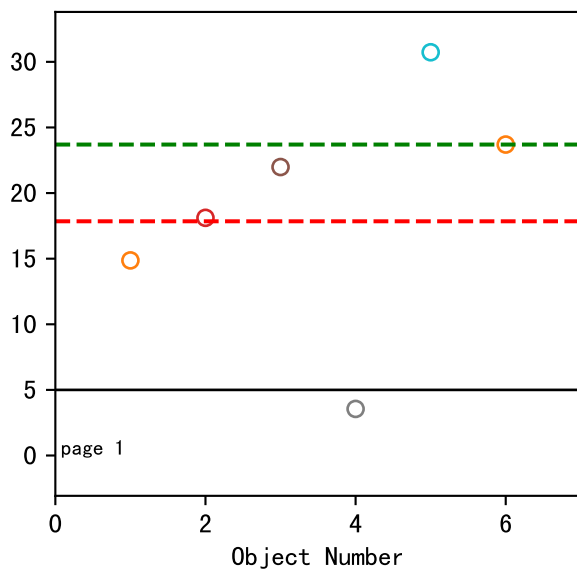
a (Def=0.56 Set=0.61)
avg1=0.61(fail) avg2=0.61



dm (Def=2 Set=0.56)
avg1=3.37(fail) avg2=0.56



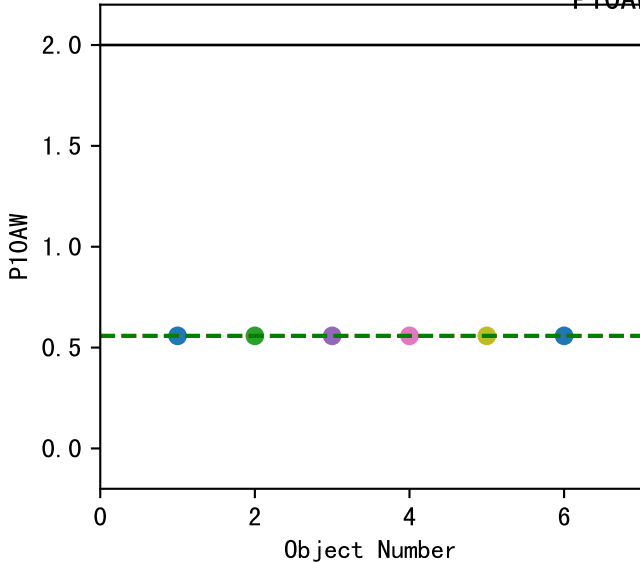
de (Def=5 Set=23.7)
avg1=17.85(fail) avg2=23.7



InitDev_dm (Def=2 Set=0.56)

avg1=0.56~0% avg2=0.56

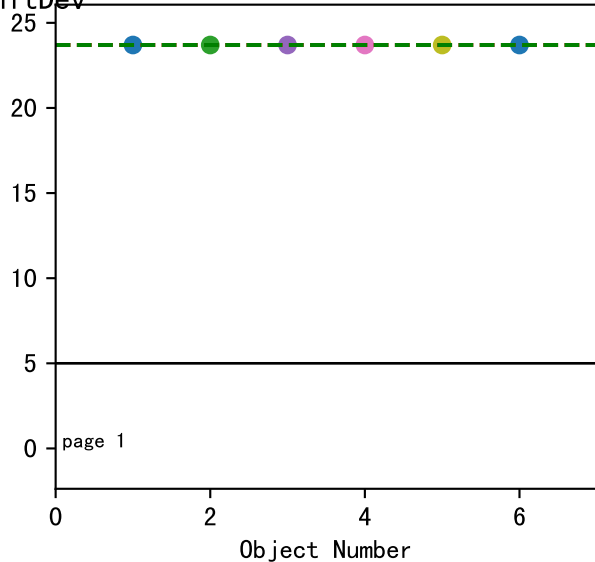
P10AW



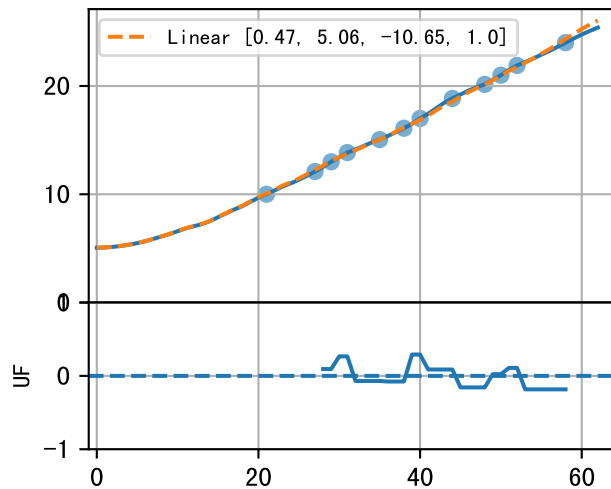
InitDev_de (Def=5 Set=23.7)

avg1=23.7~0% avg2=23.7

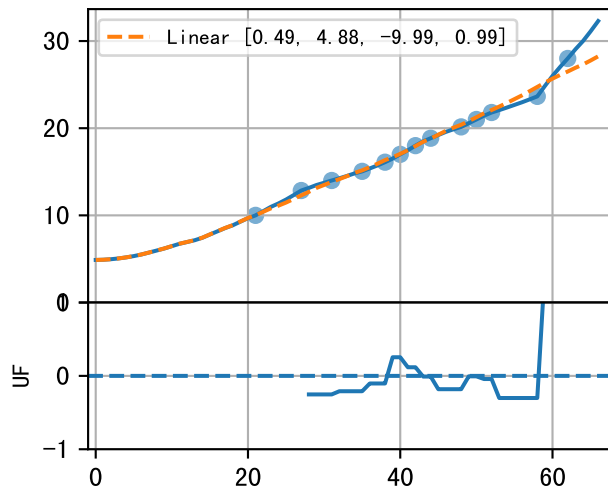
InitDev



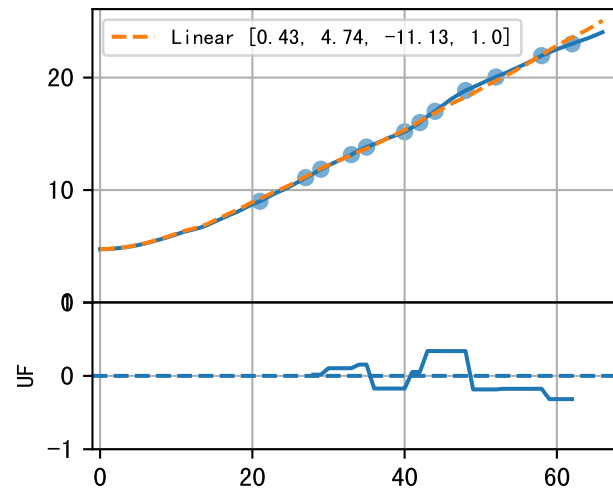
P10AW-003-11



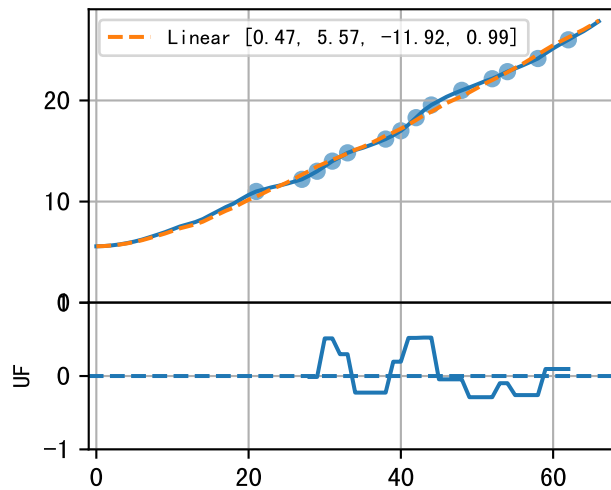
P10AW-016-3



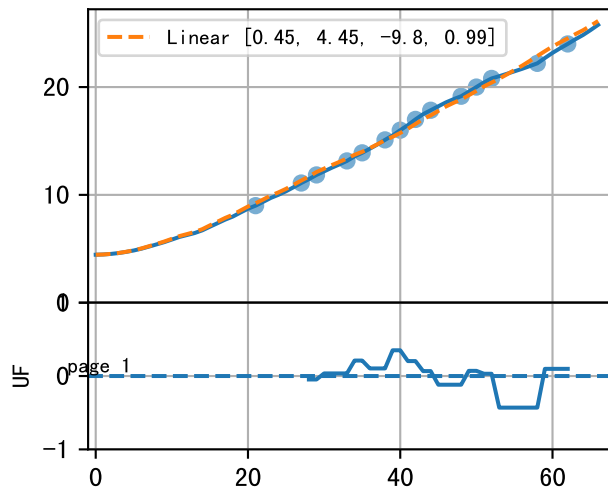
P10AW-029-30



P10AW-041-24



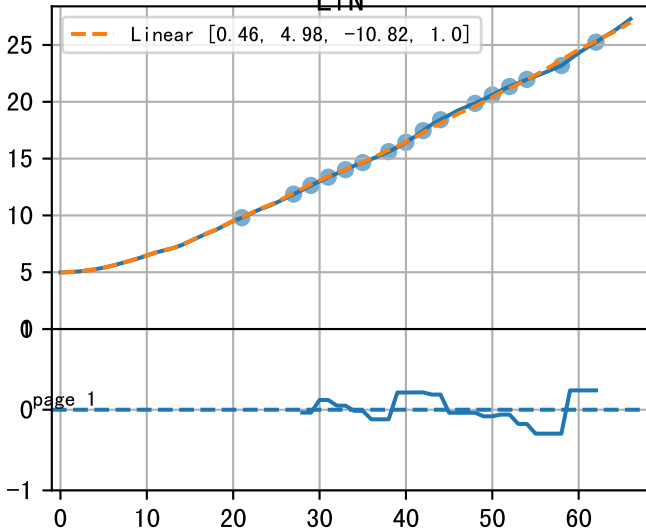
P10AW-054-10



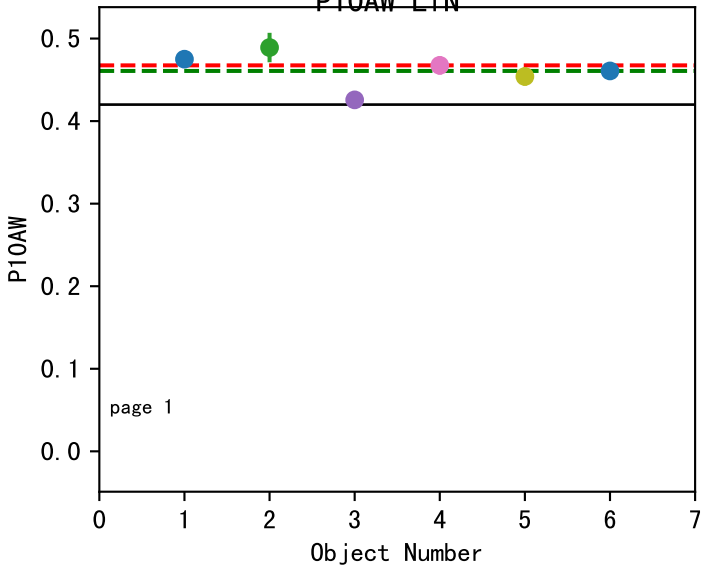
P10AWavg
Lfn

Linear [0.46, 4.98, -10.82, 1.0]

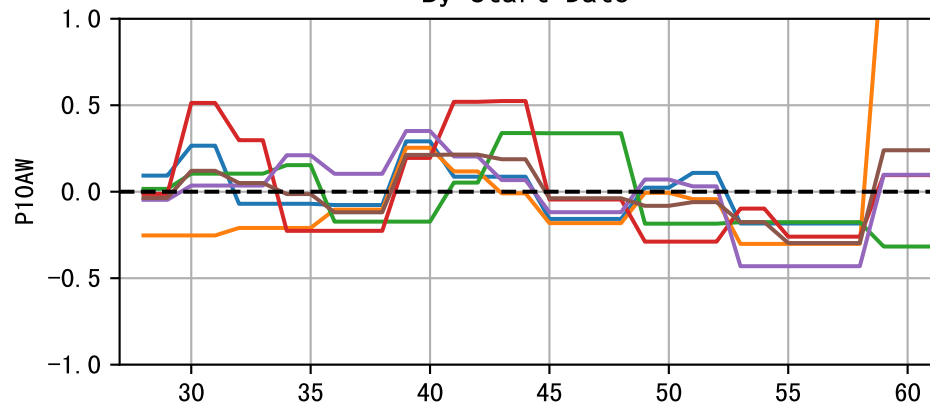
UF
page 1



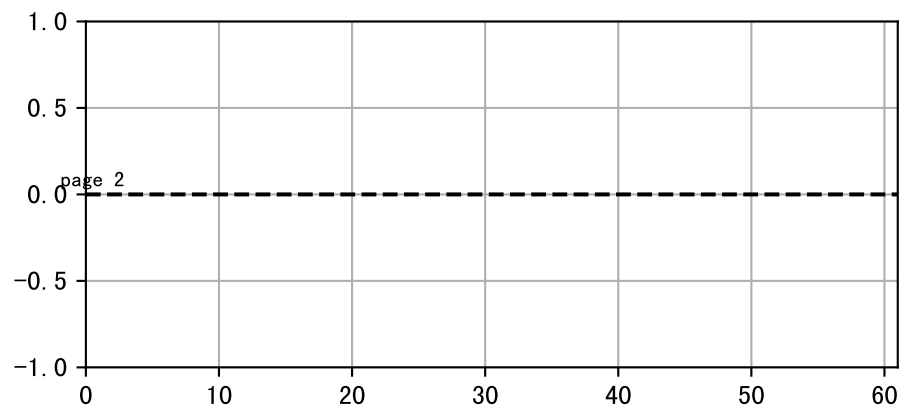
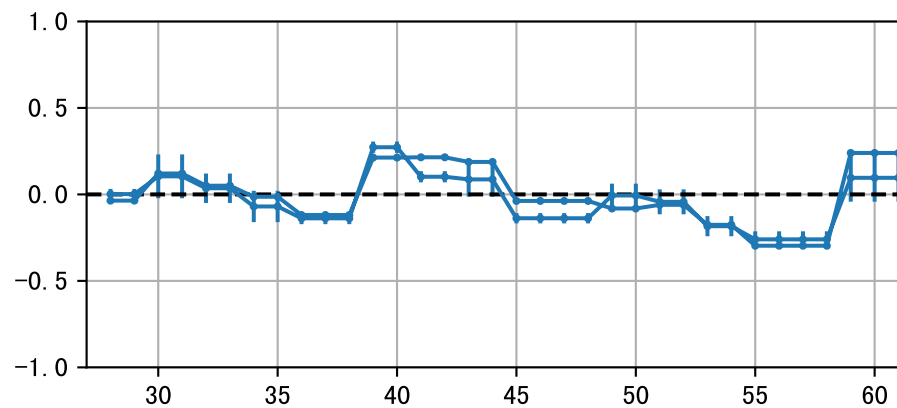
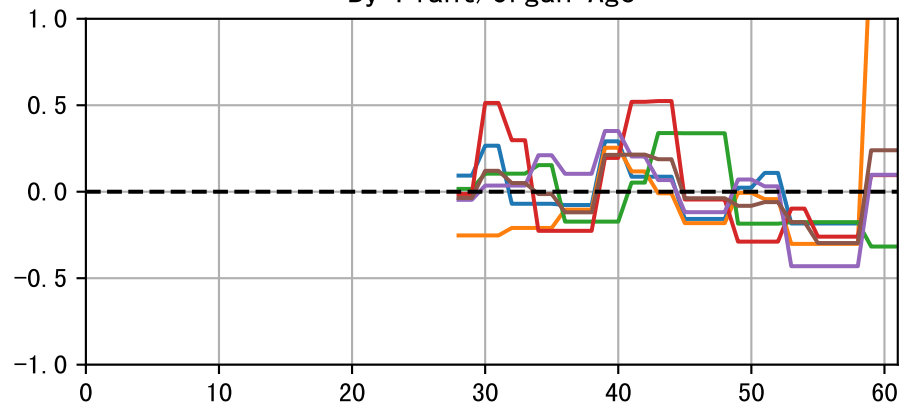
a (Def=0.42 Set=0.46)
avg1=0.47~5% avg2=0.46~3%



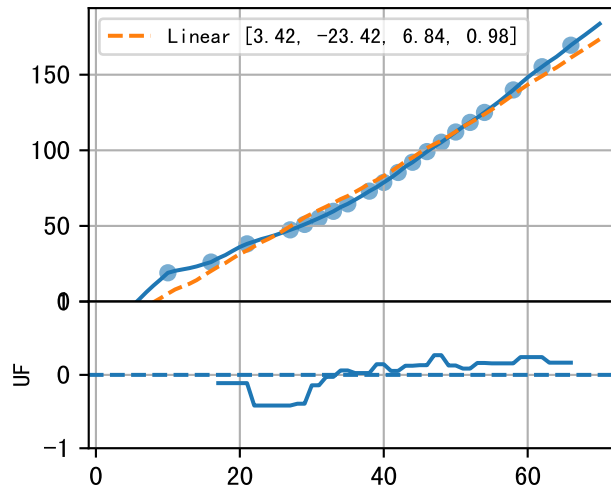
By Start Date



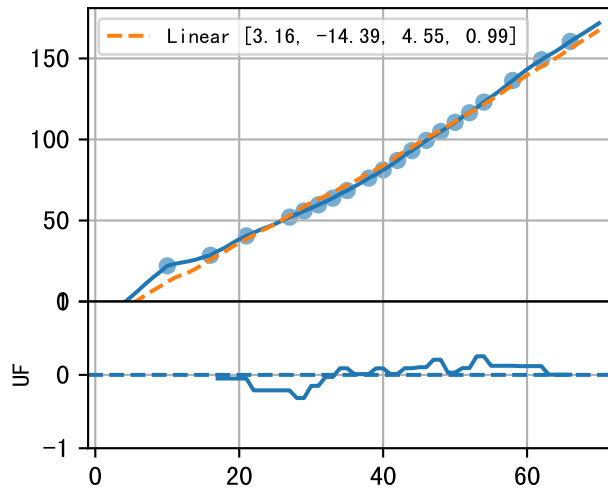
By Plant/Organ Age



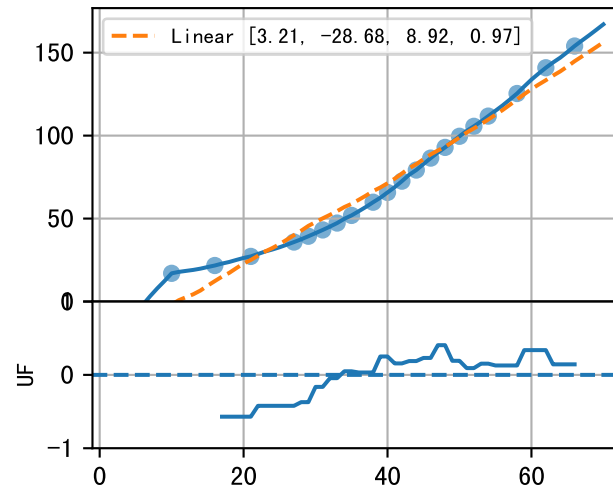
P10AW-003-11



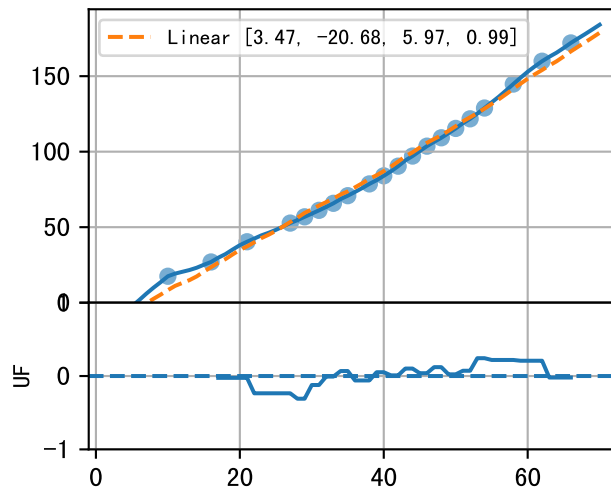
P10AW-016-3



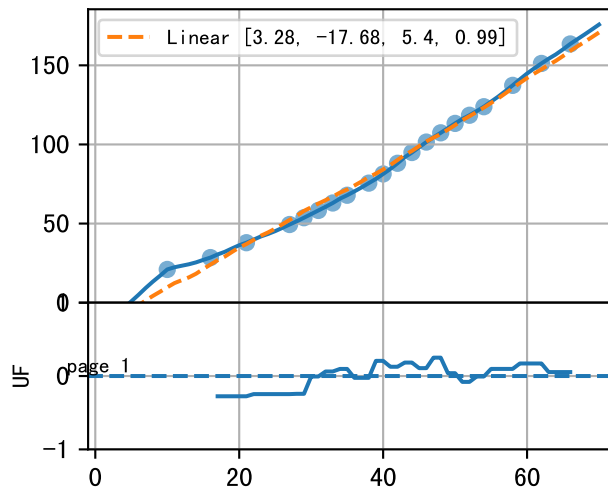
P10AW-029-30



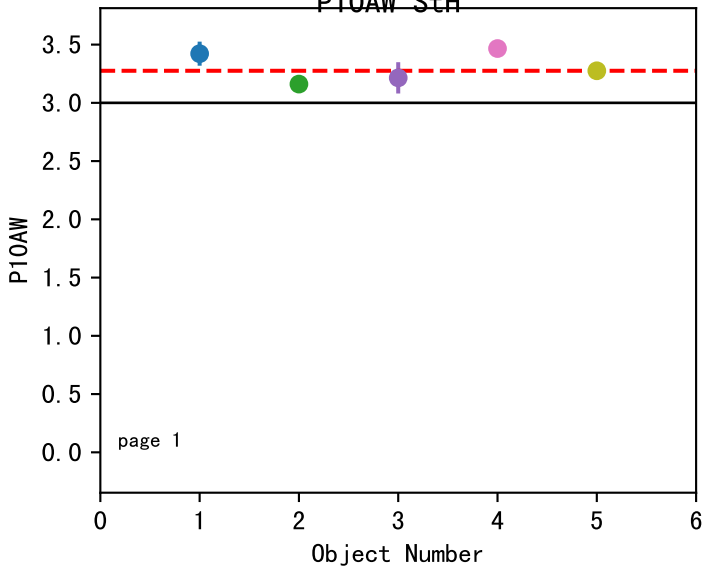
P10AW-041-24



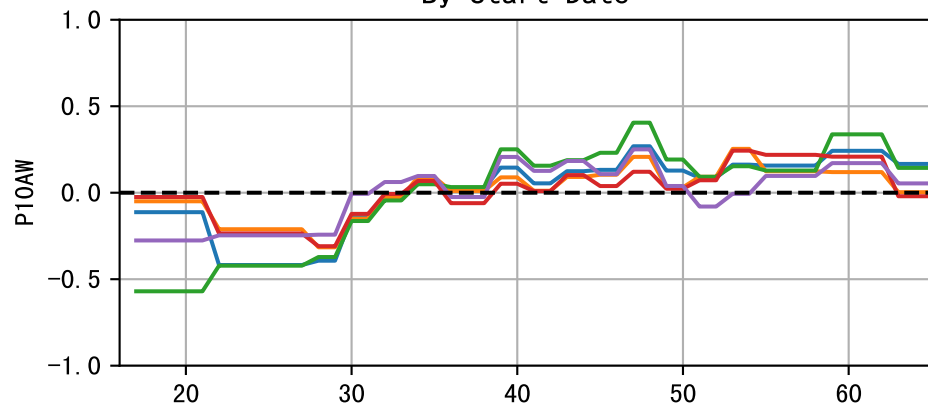
P10AW-054-10



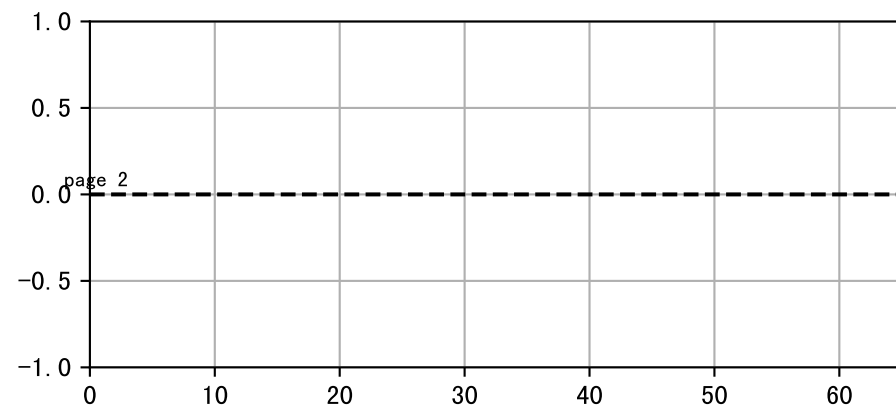
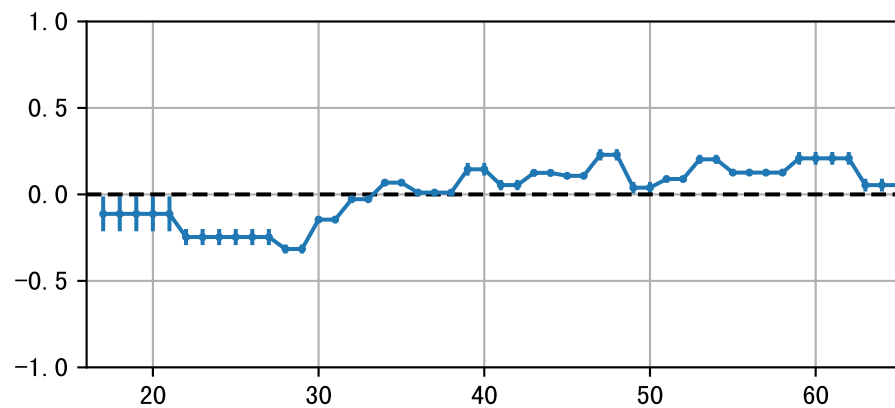
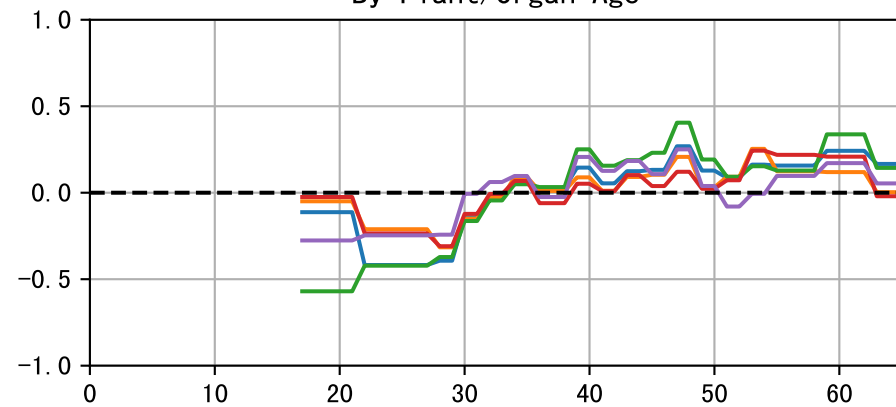
a (Def=3 Set=3.28)
avg1=3.28~4% avg2=na
P10AW StH



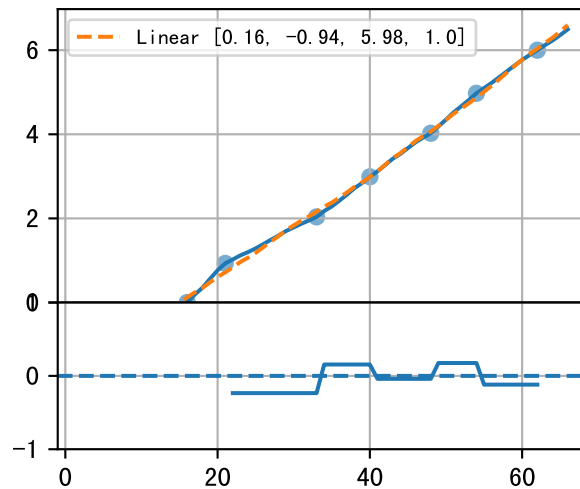
By Start Date



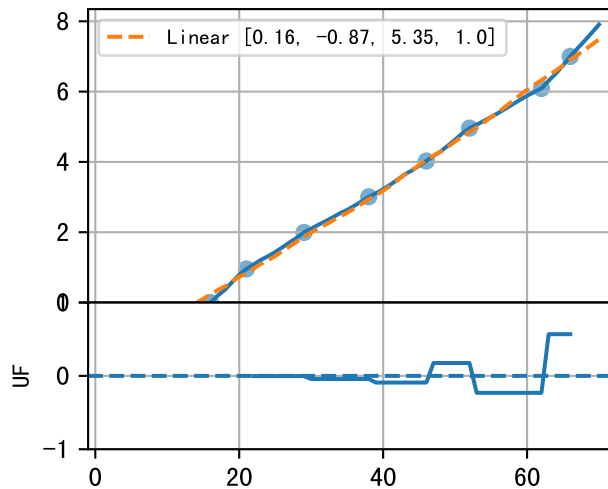
By Plant/Organ Age



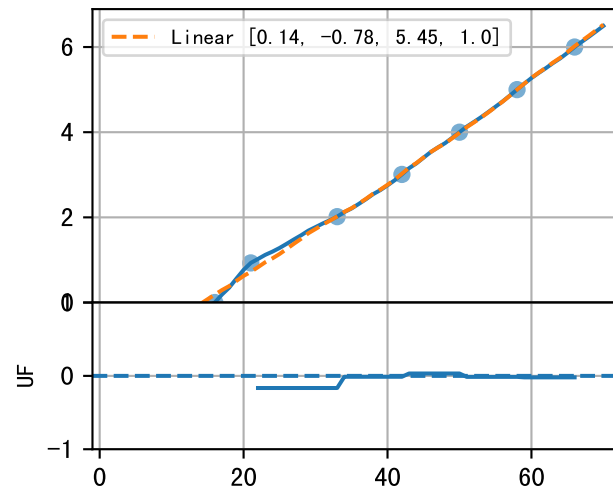
P10AW-003-11



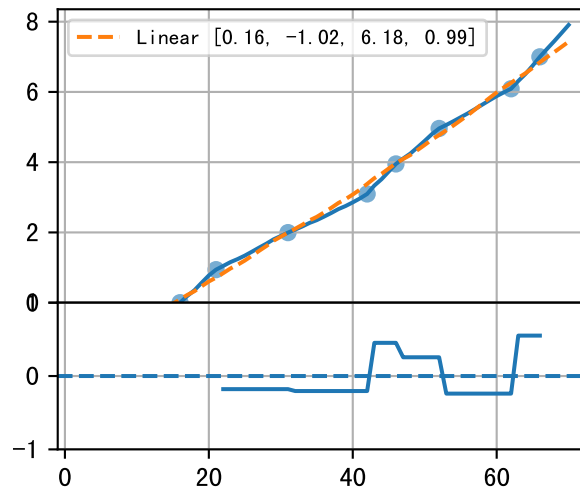
P10AW-016-3



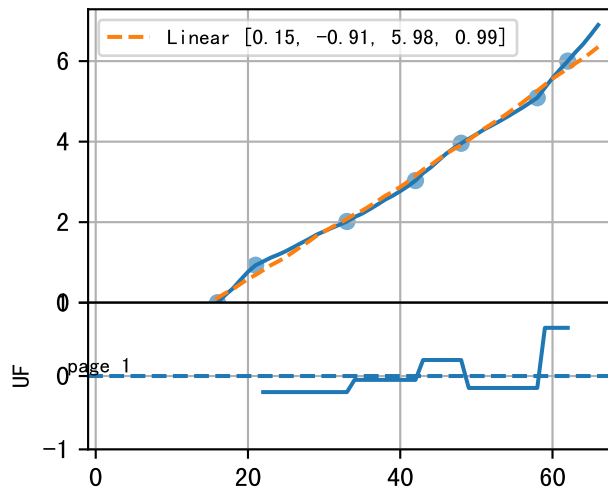
P10AW-029-30



P10AW-041-24



P10AW-054-10

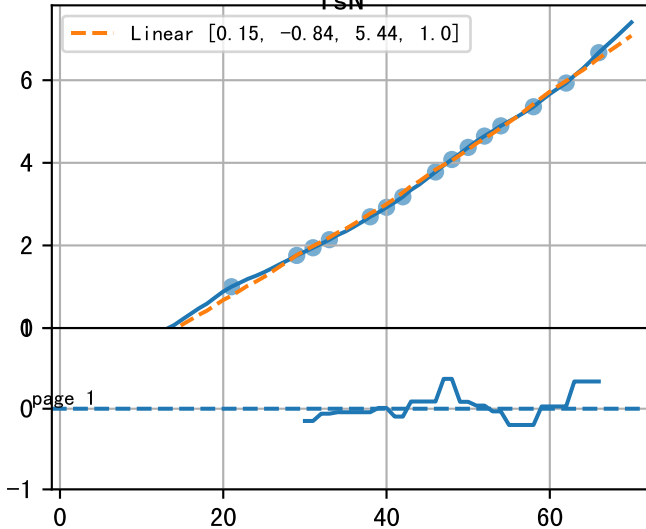


P10AWavg
TSN

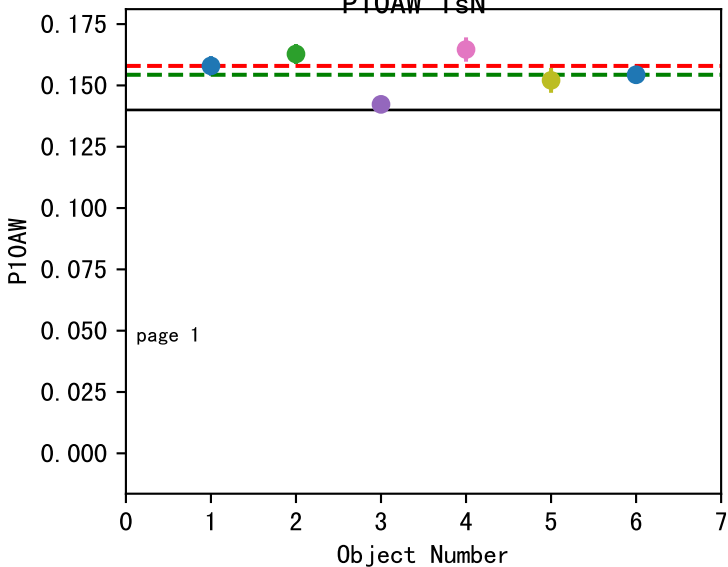
Linear [0.15, -0.84, 5.44, 1.0]

UF

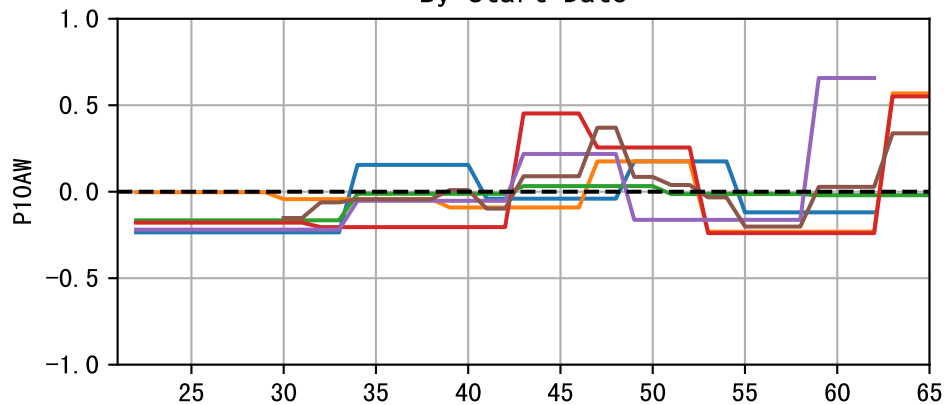
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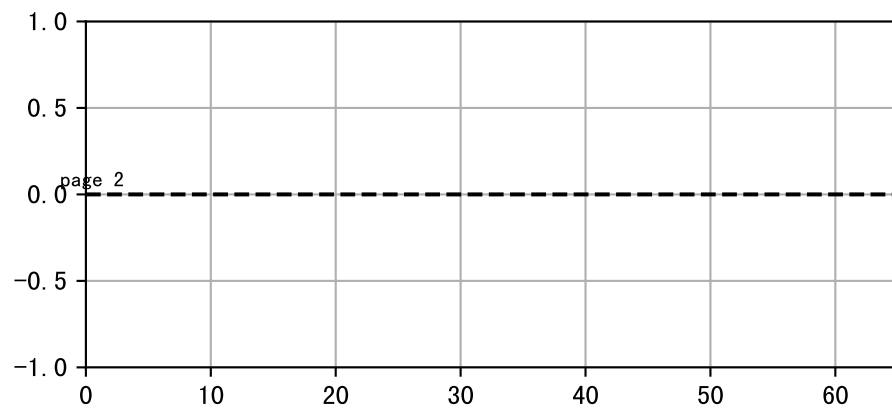
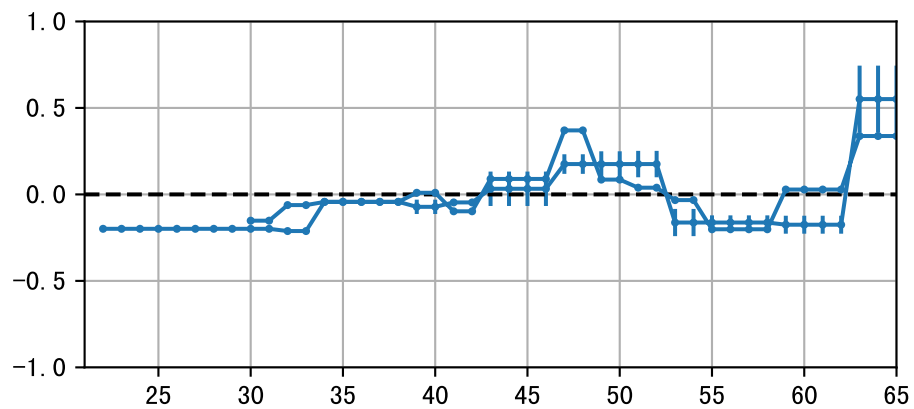
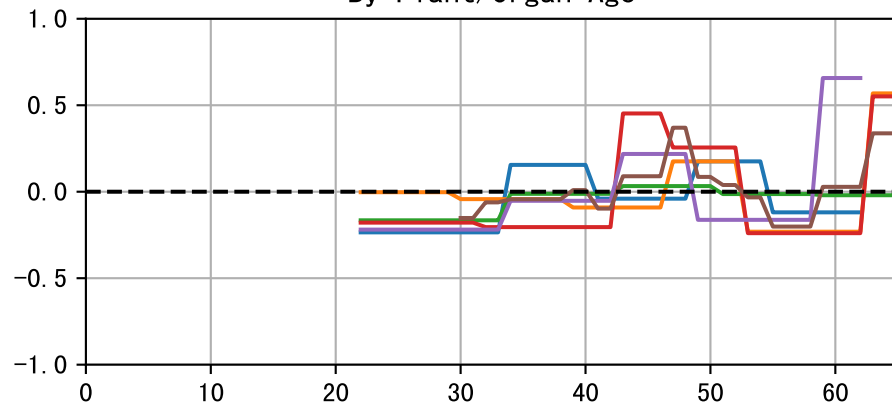
a (Def=0.14 Set=0.15)
avg1=0.16 $\sim$ 6% avg2=0.15 $\sim$ 3%

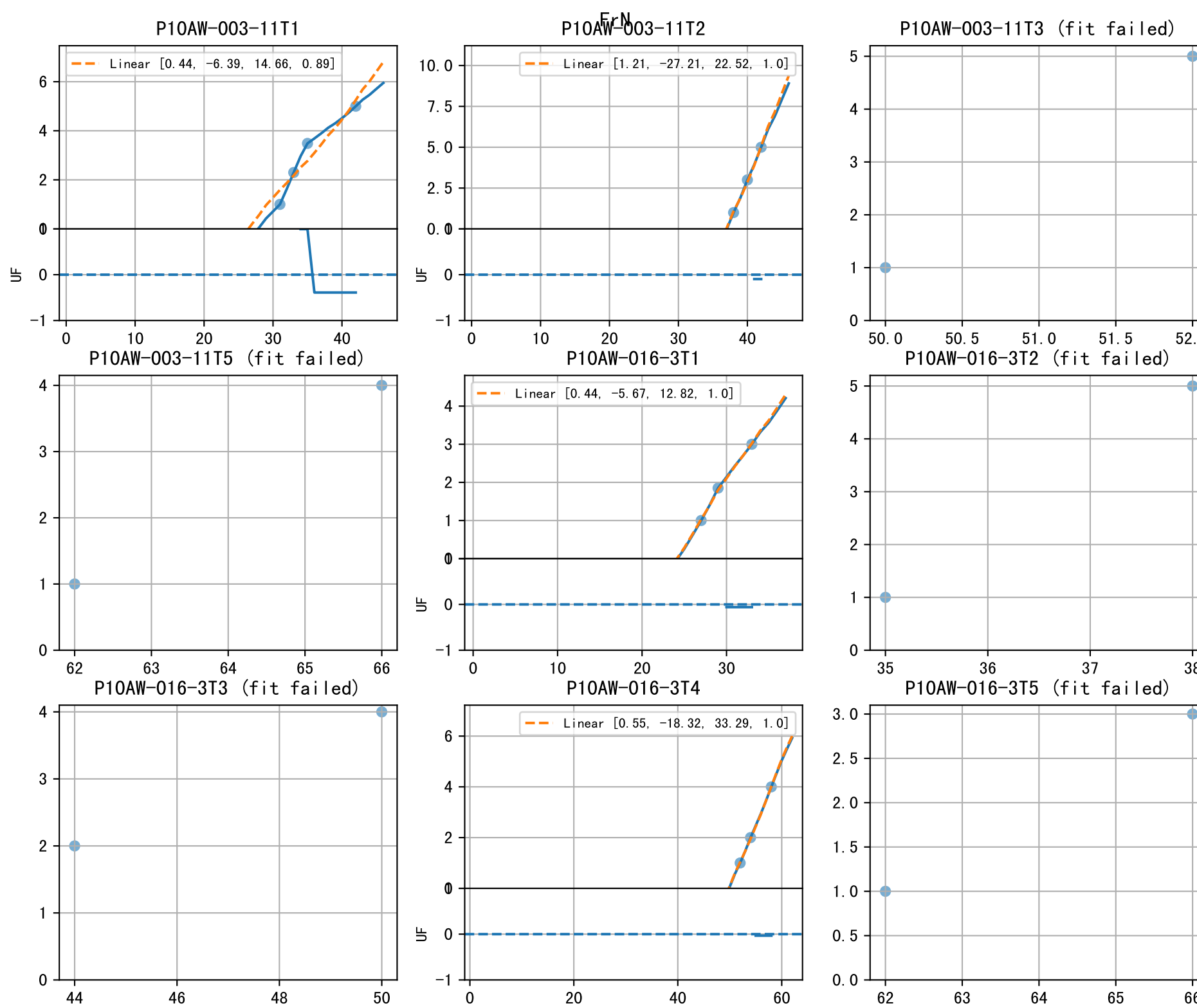


By Start Date

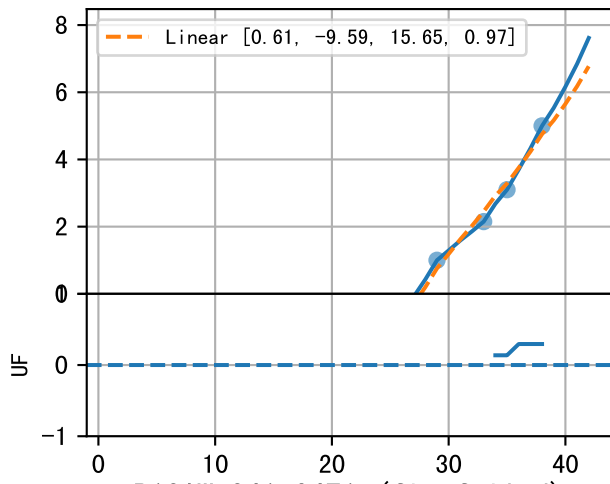


By Plant/Organ Age

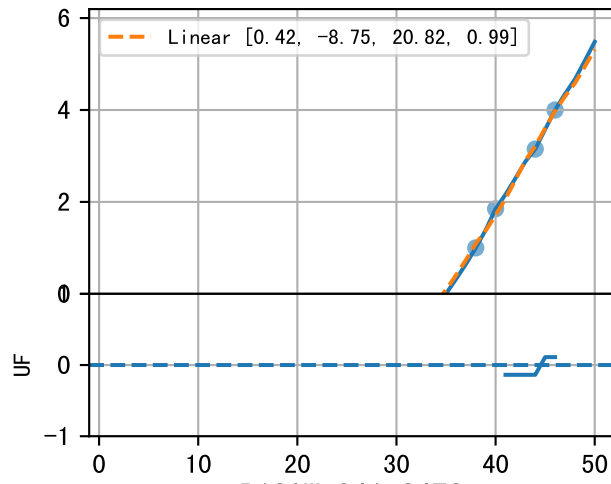




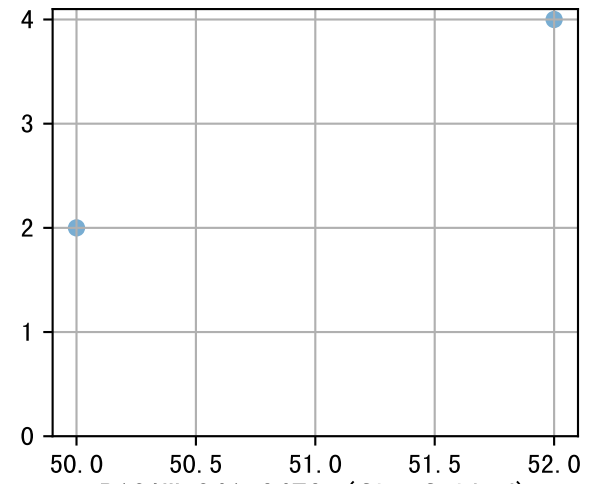
P10AW-029-30T1



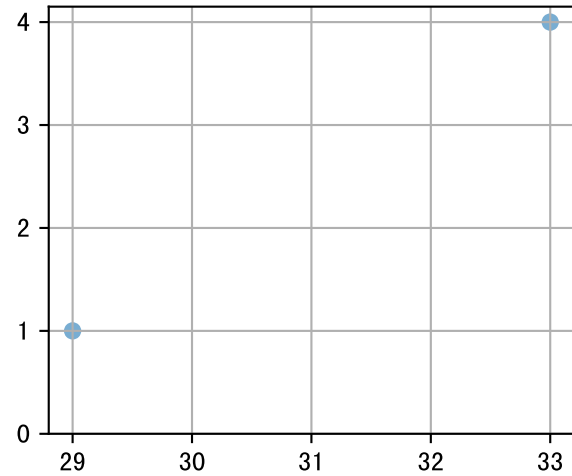
P10AW-029-30T2



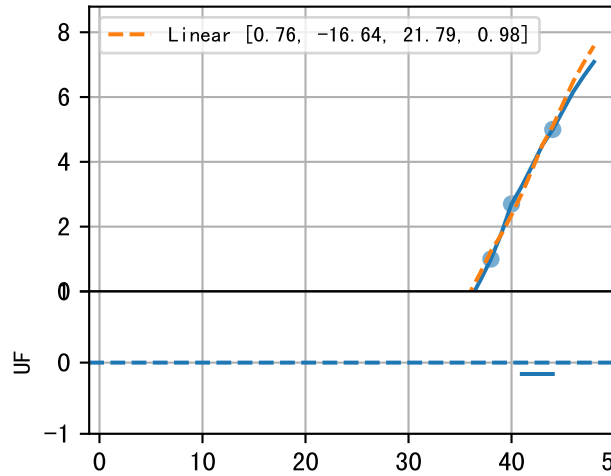
P10AW-029-30T3 (fit failed)



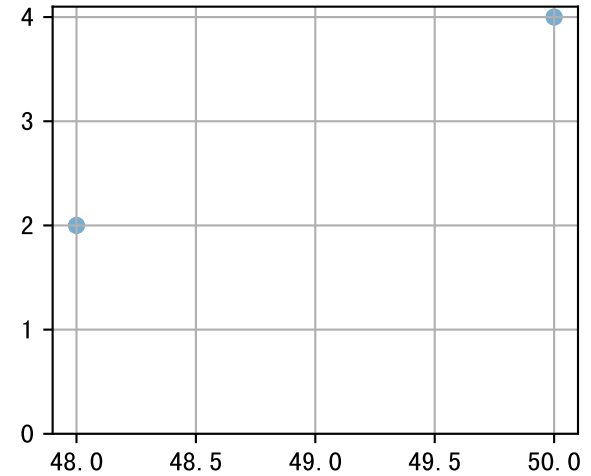
P10AW-041-24T1 (fit failed)



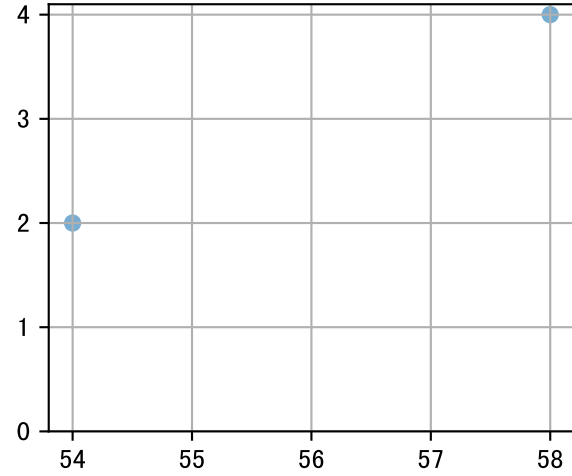
P10AW-041-24T2



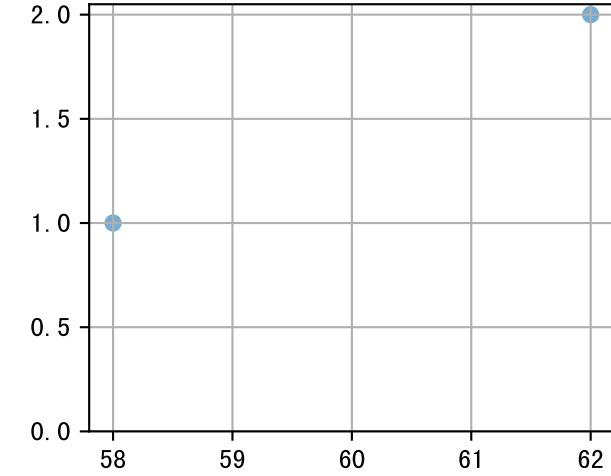
P10AW-041-24T3 (fit failed)



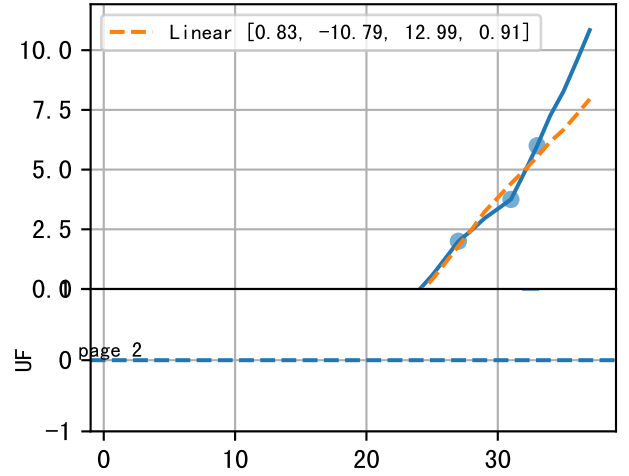
P10AW-041-24T4 (fit failed)



P10AW-041-24T5 (fit failed)

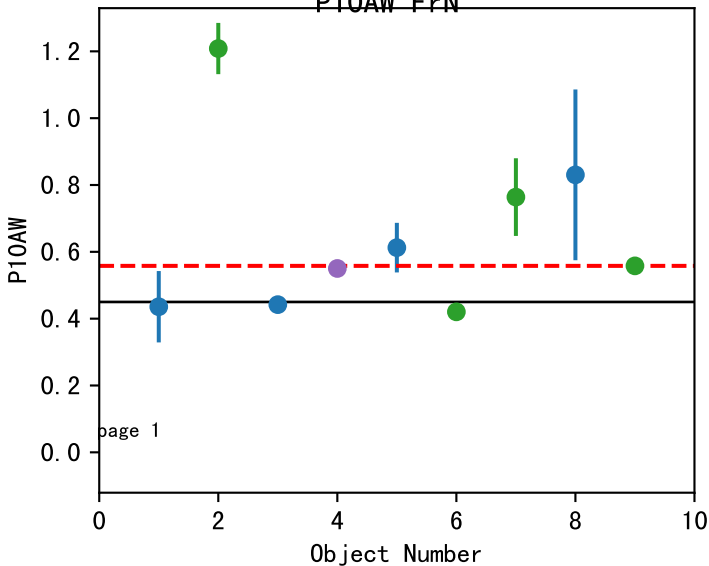


P10AW-054-10T1

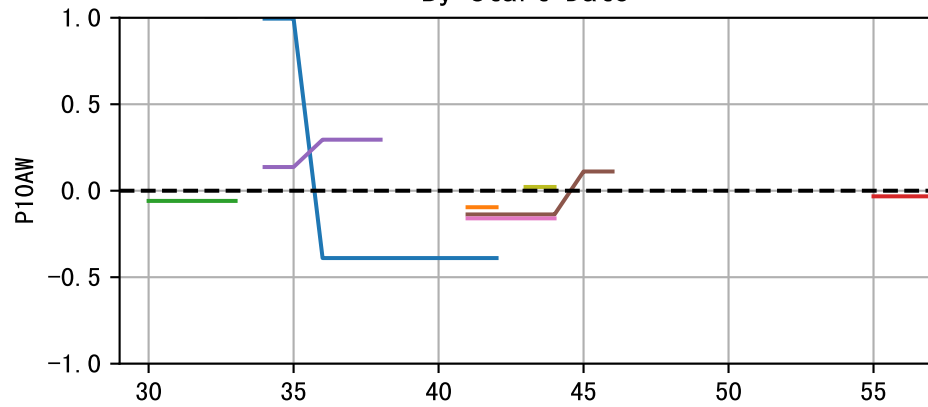




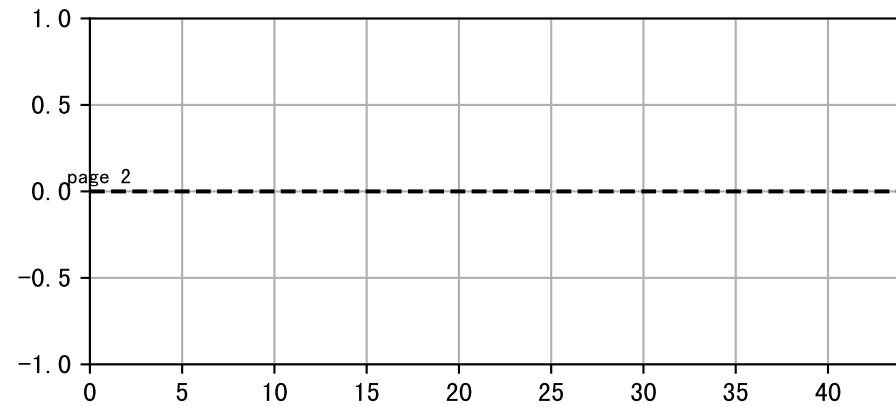
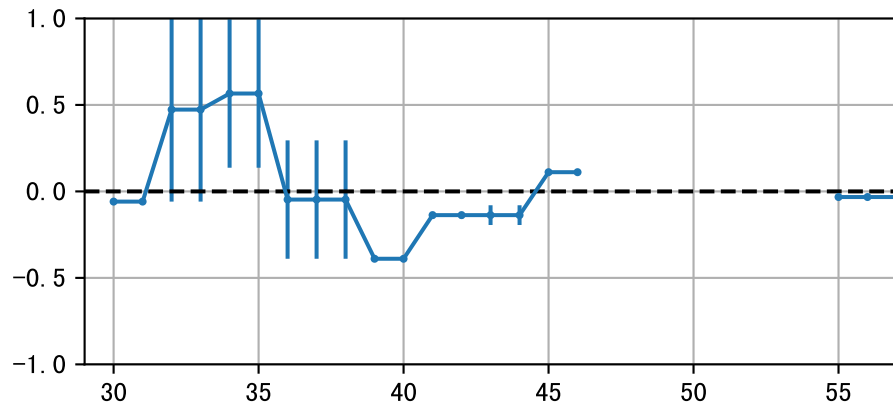
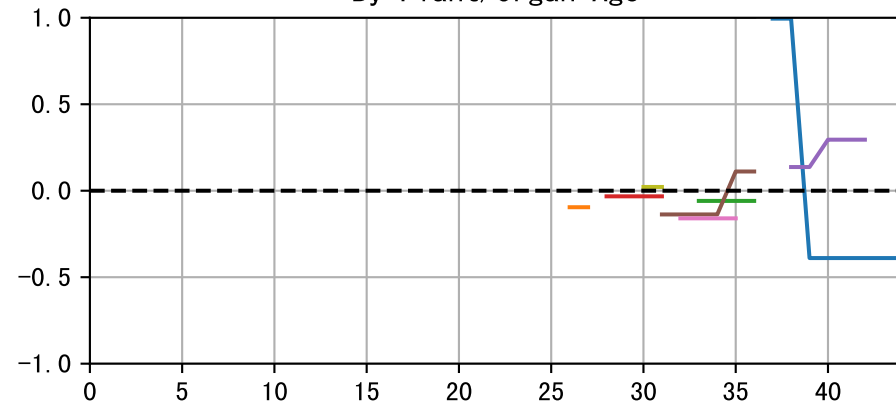
a (Def=0.45 Set=0.56)
avg1=0.56~46% avg2=na

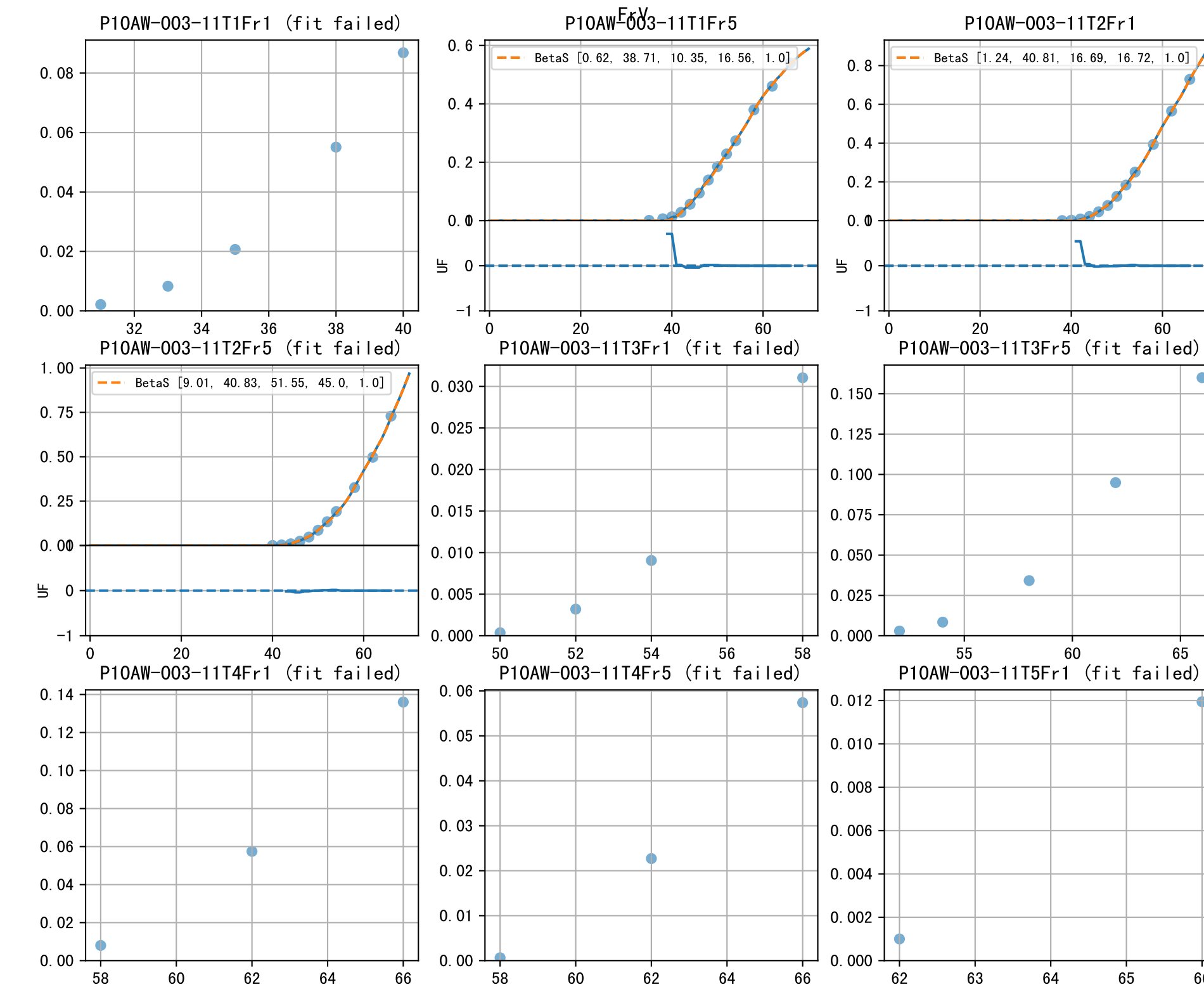


By Start Date



By Plant/Organ Age

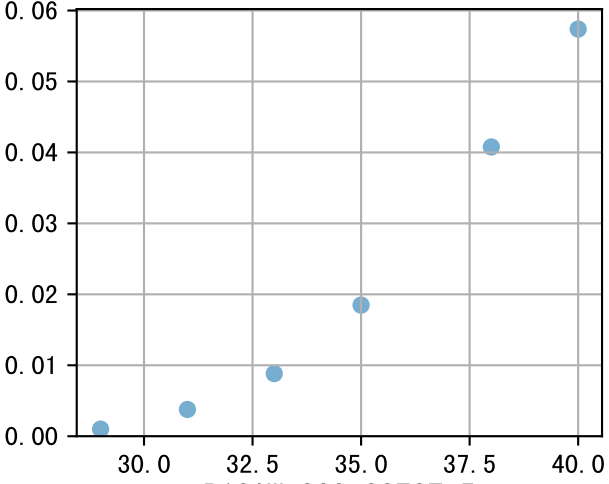




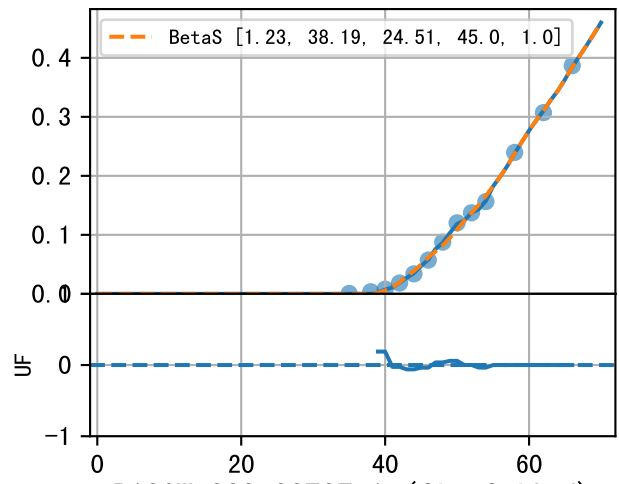


FrV

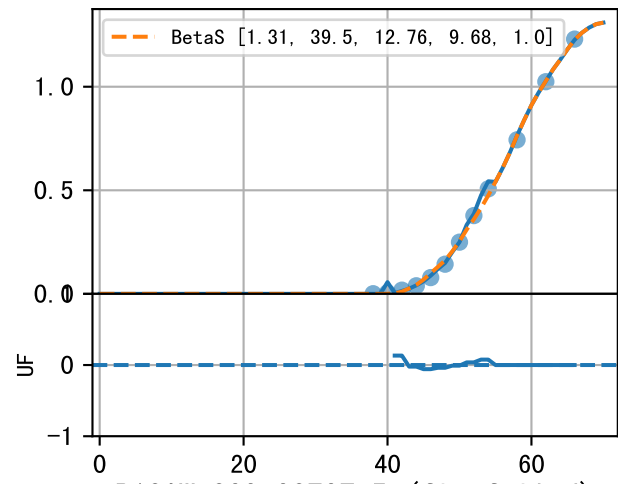
P10AW-029-30T1Fr1 (fit failed)



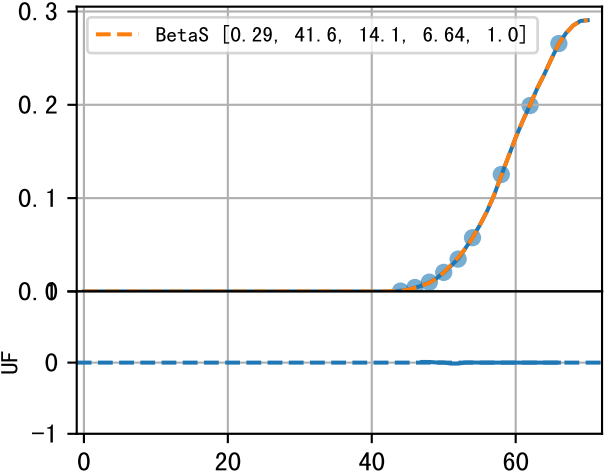
P10AW-029-30T1Fr5 (fit failed)



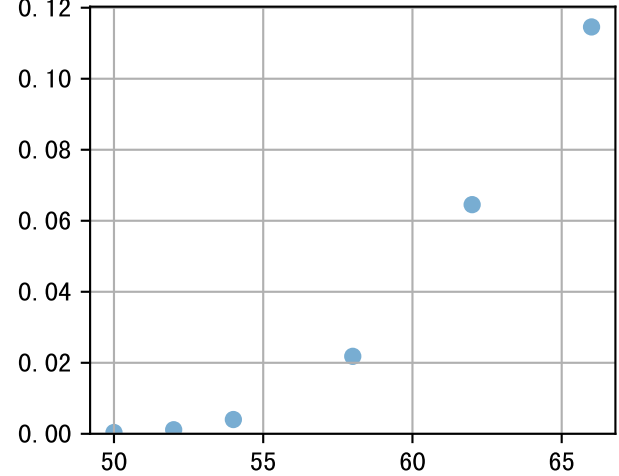
P10AW-029-30T2Fr1



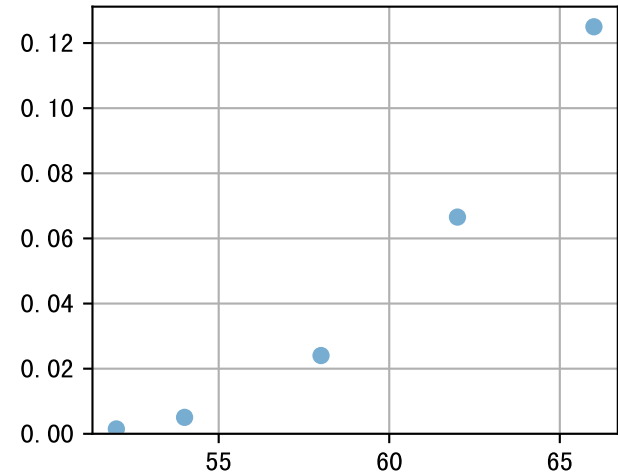
P10AW-029-30T2Fr5



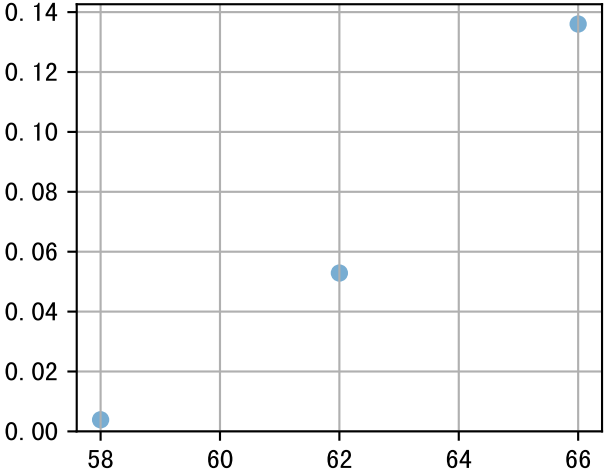
P10AW-029-30T3Fr1 (fit failed)



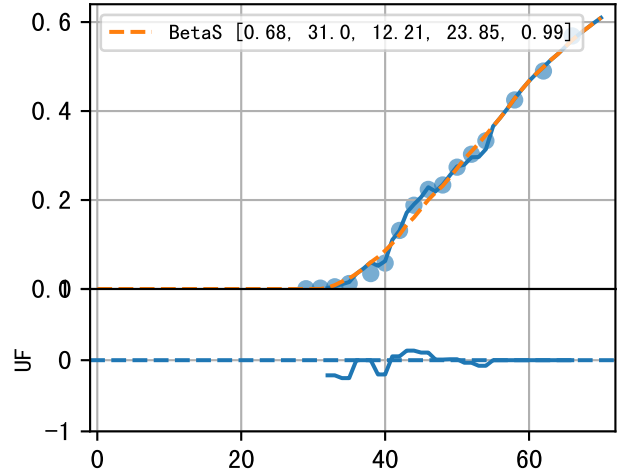
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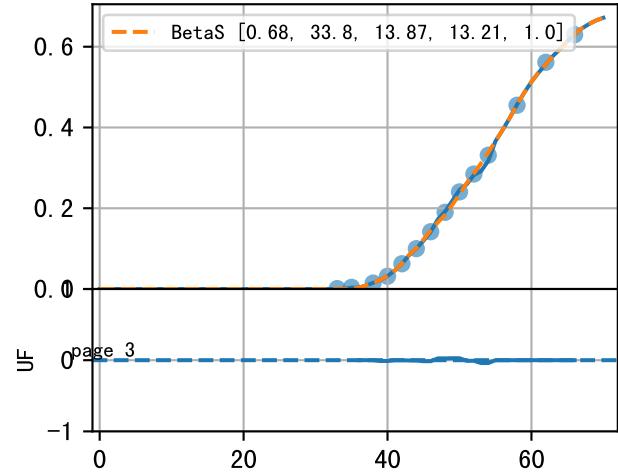
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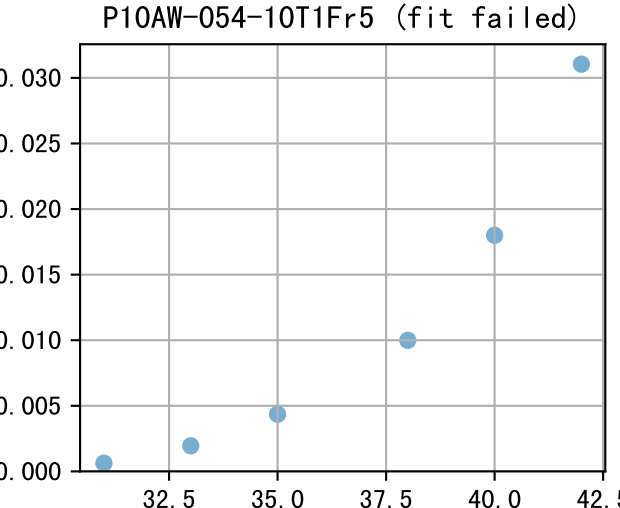
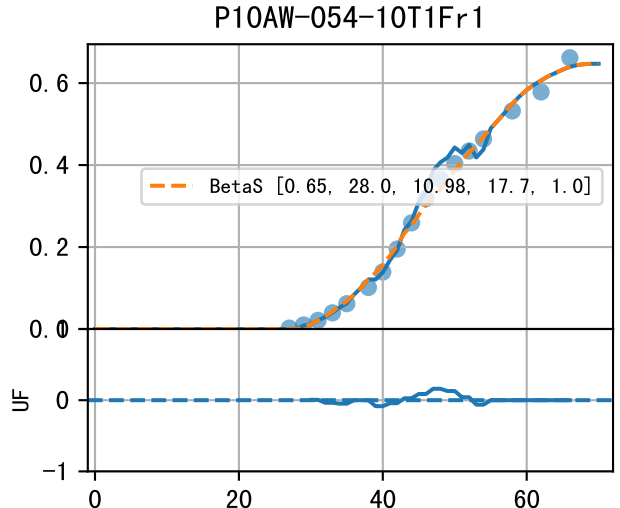
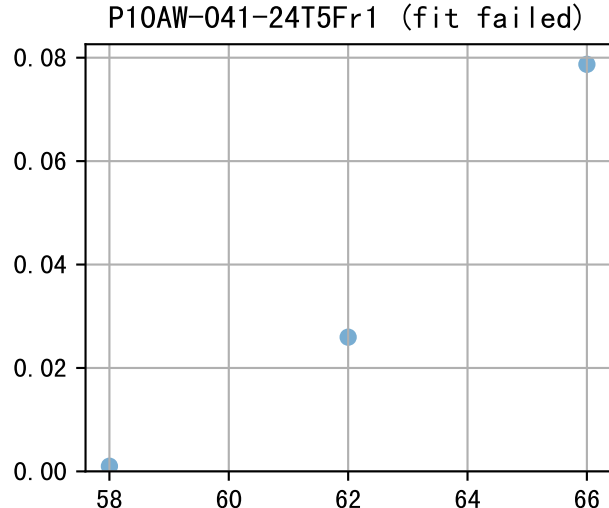
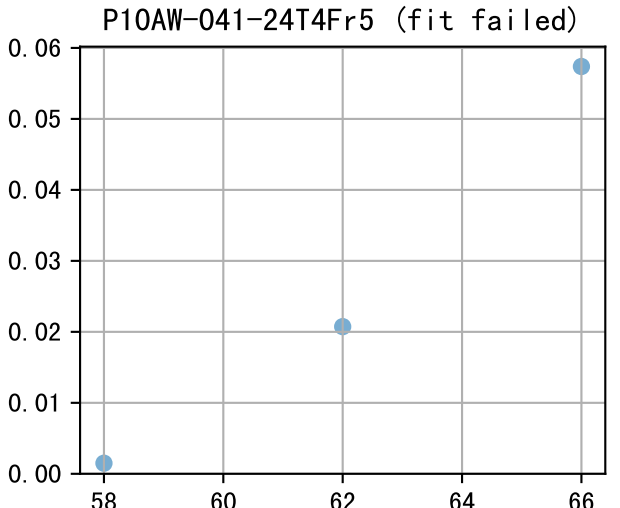
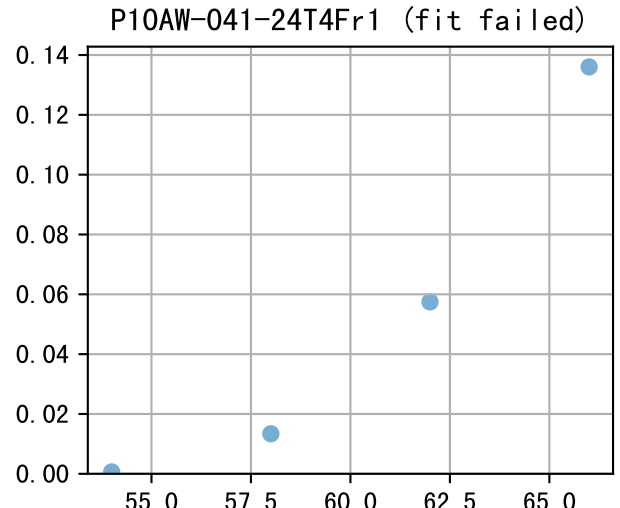
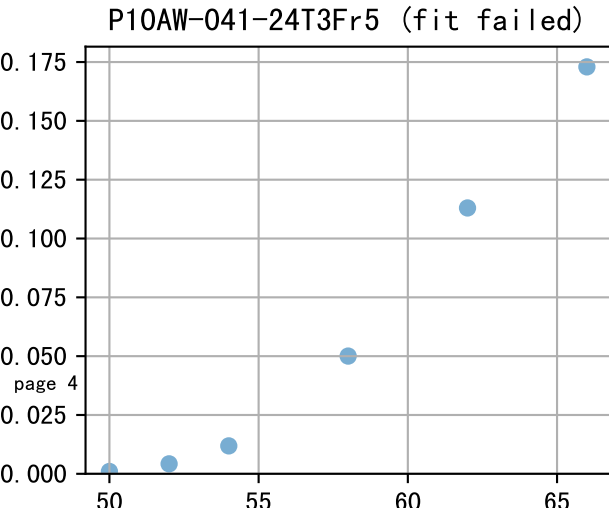
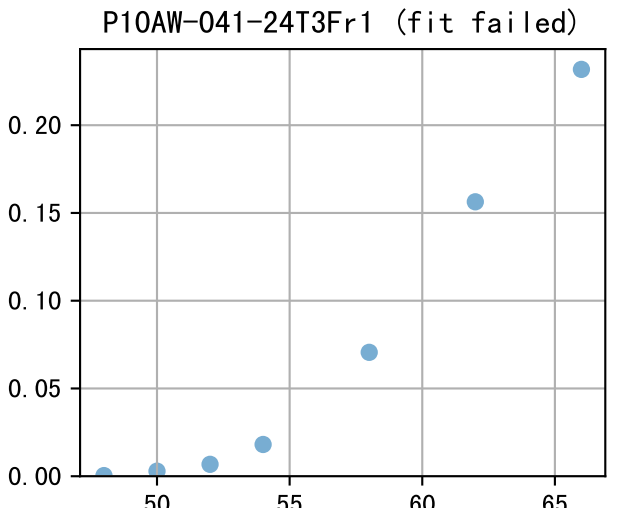
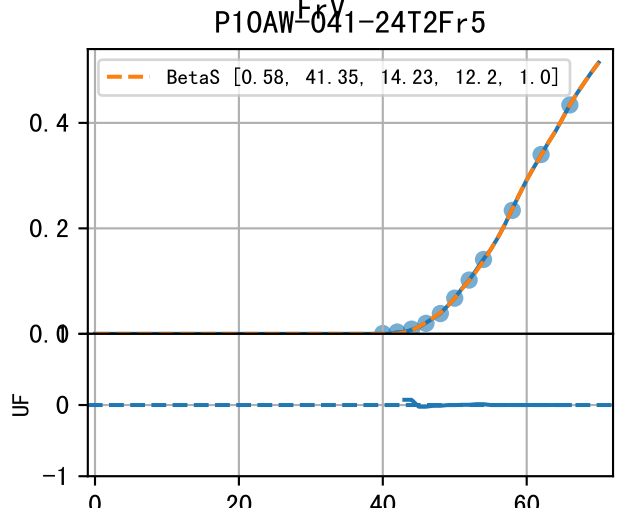
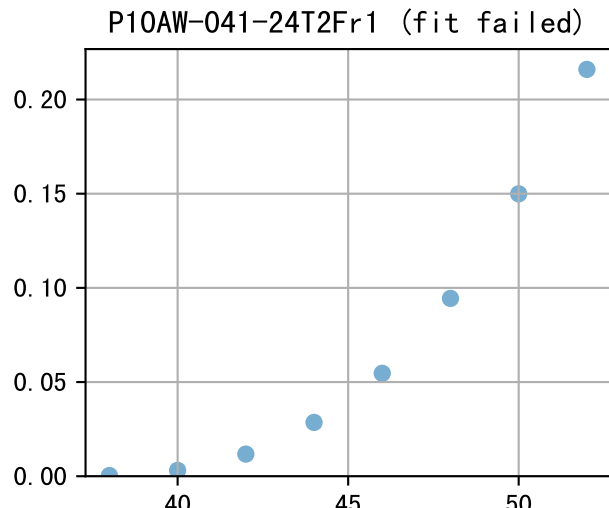
P10AW-041-24T1Fr1



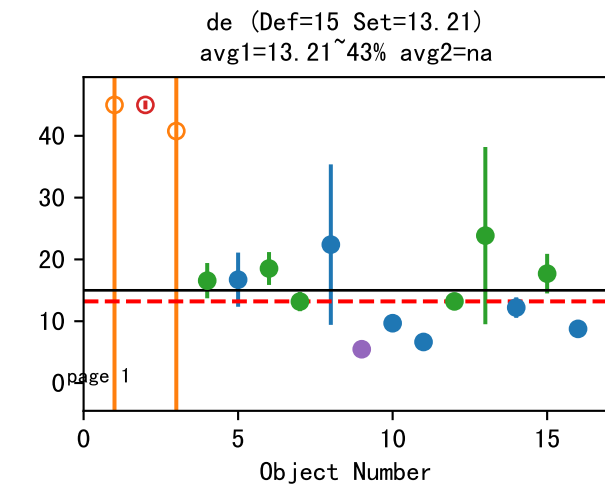
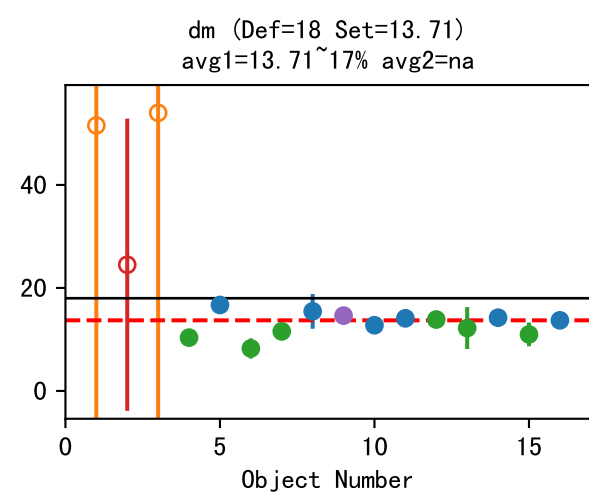
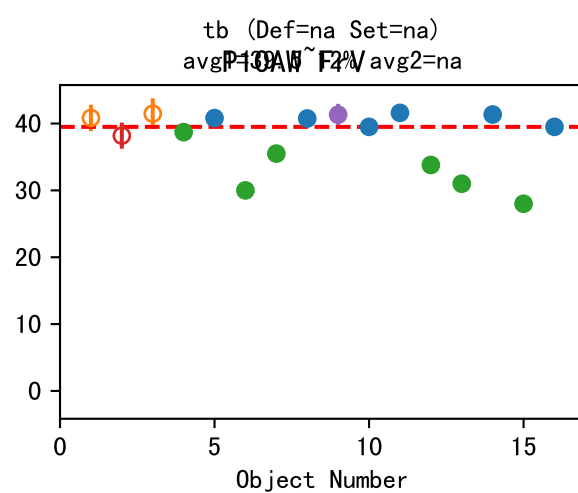
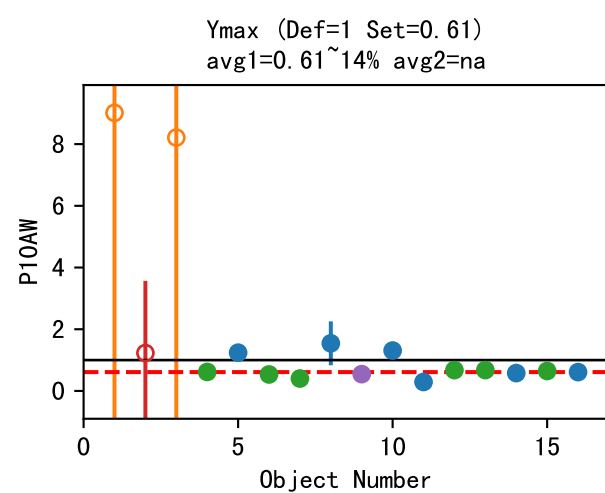
P10AW-041-24T1Fr5



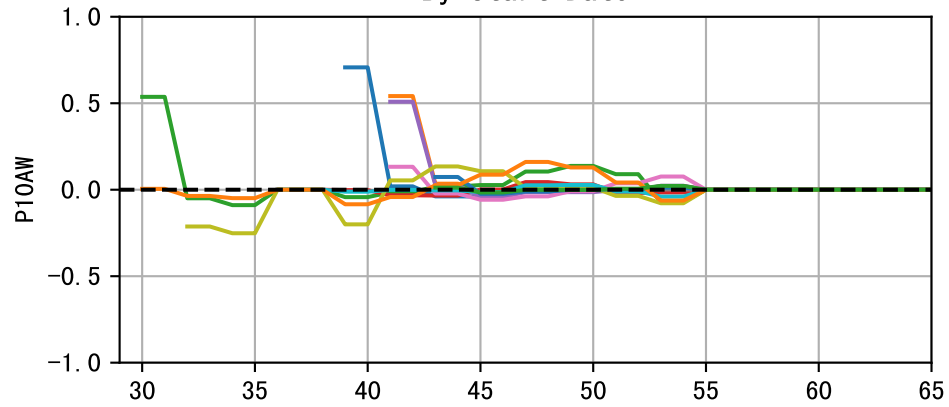
FrY



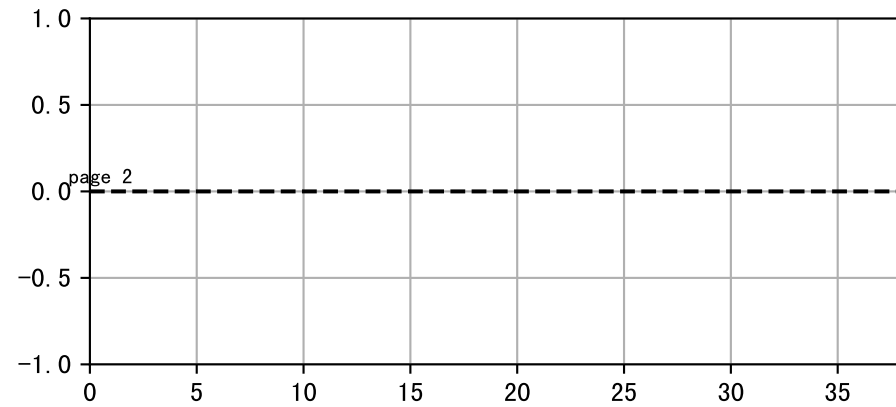
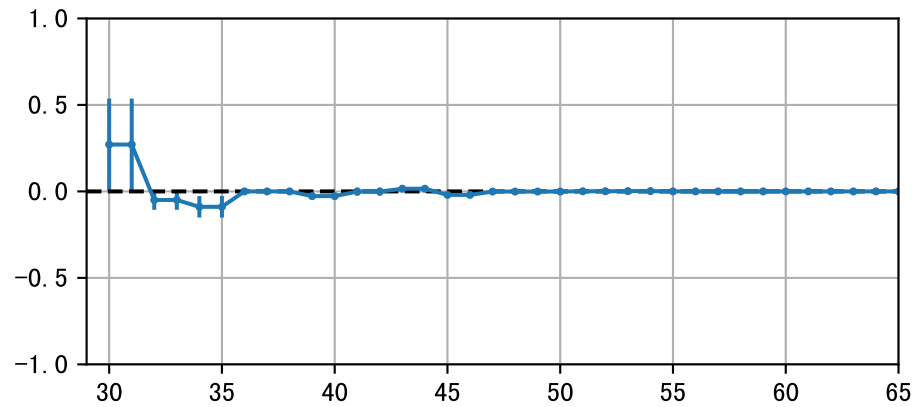
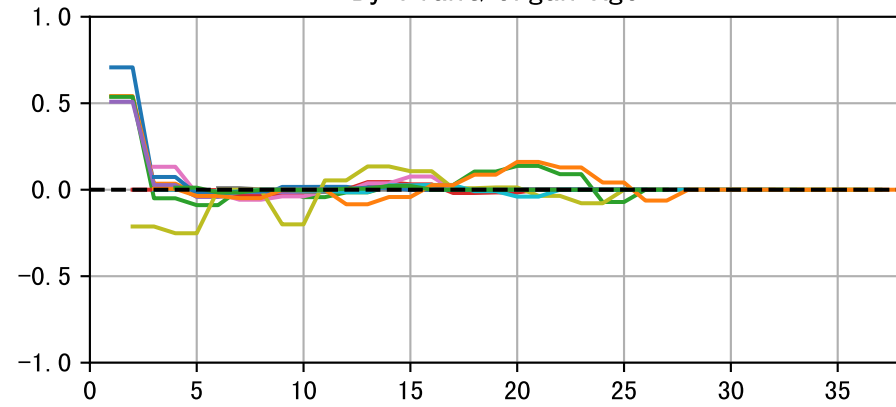




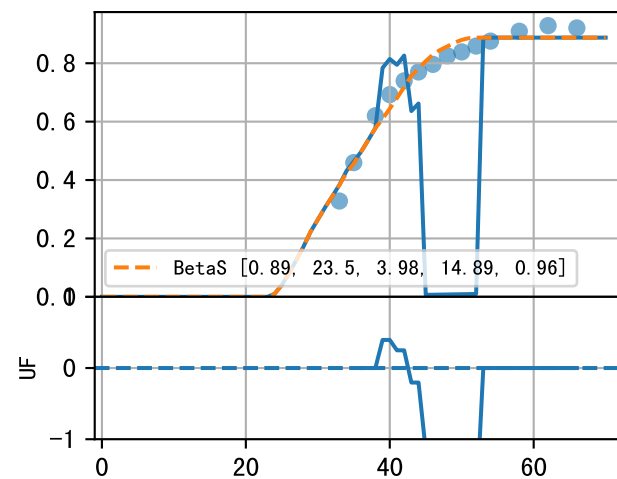
By Start Date



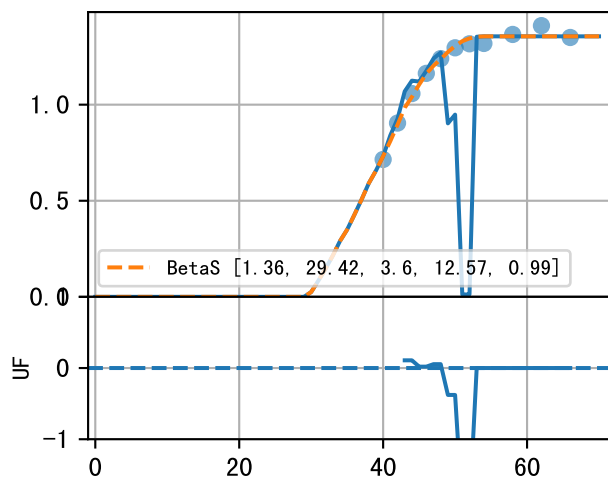
By Plant/Organ Age



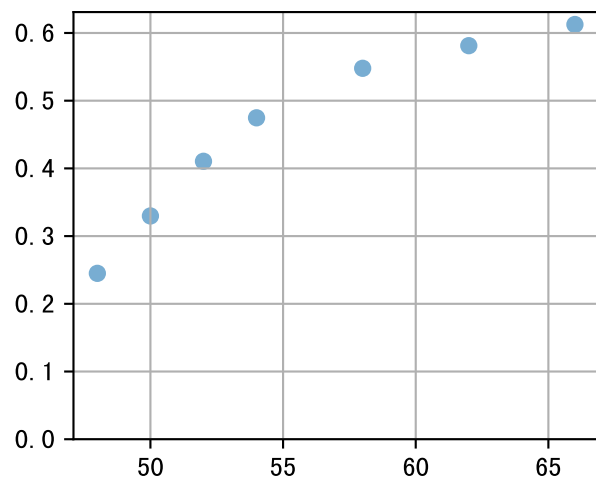
P10AW-003-11L11 (fit failed)



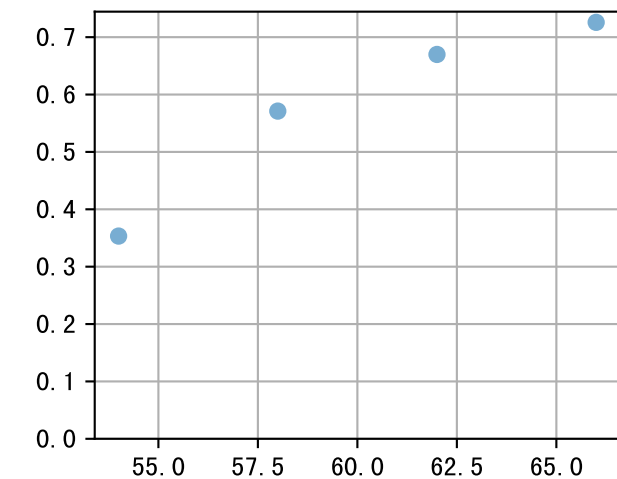
P10AW-003-11L14 (fit failed)



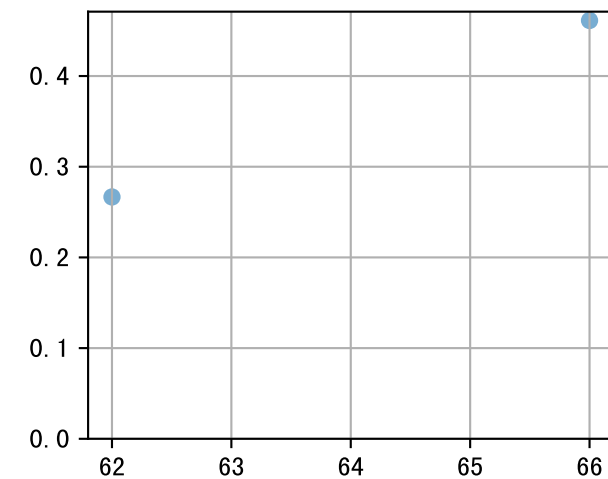
P10AW-003-11L17 (fit failed)



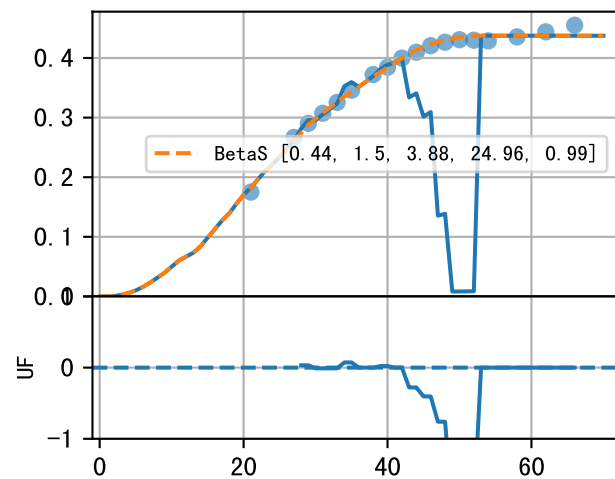
P10AW-003-11L20 (fit failed)



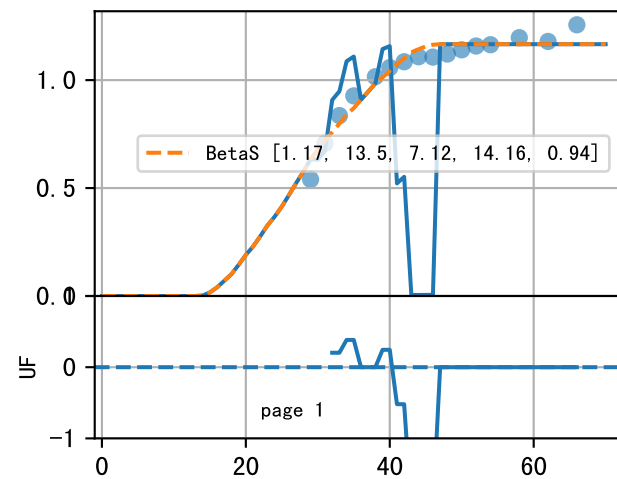
P10AW-003-11L23 (fit failed)



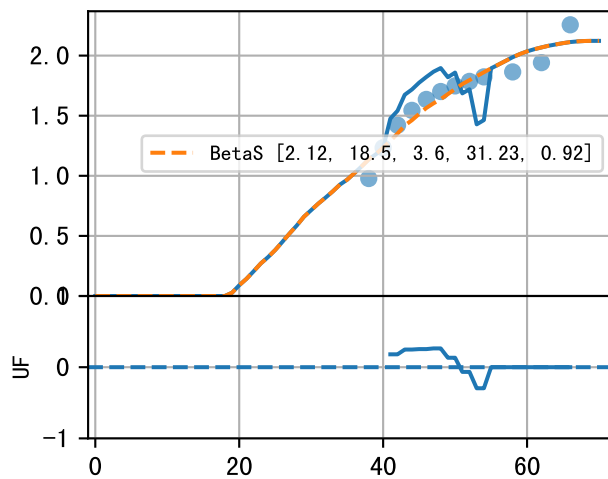
P10AW-003-11L6 (fit failed)



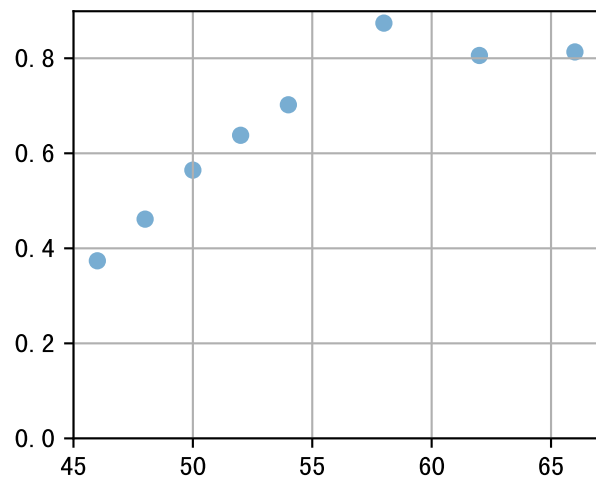
P10AW-016-3L10 (fit failed)



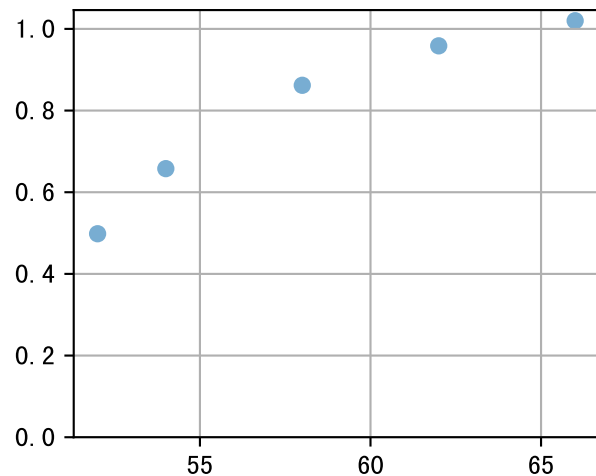
P10AW-016-3L13 (fit failed)



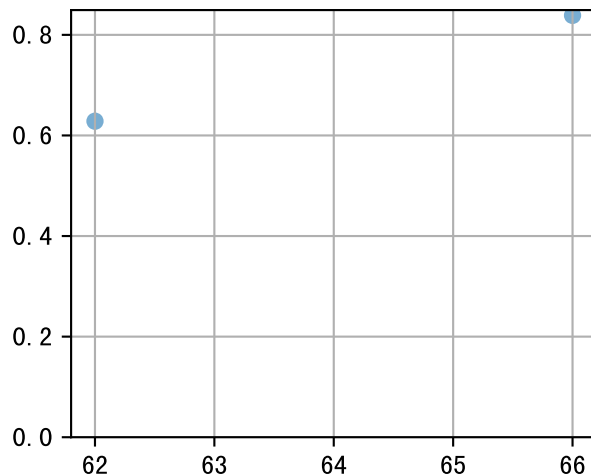
P10AW-016-3L16 (fit failed)



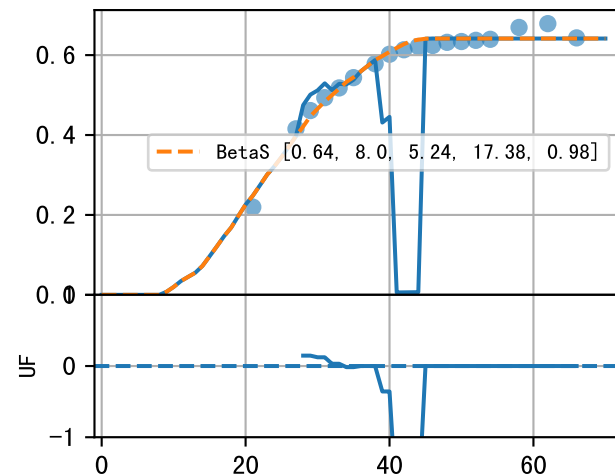
P10AW-016-3L19 (fit failed)



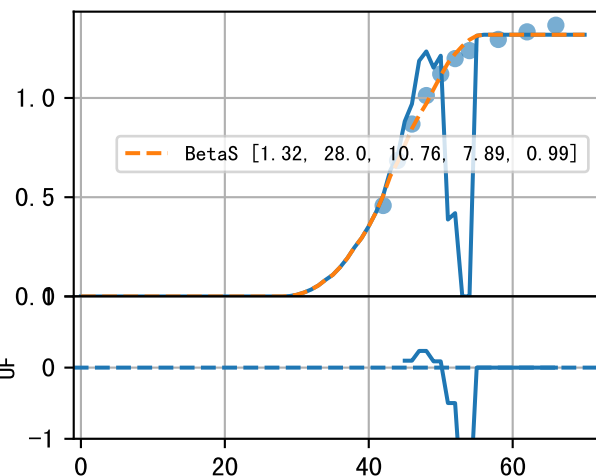
P10AW-016-3L22 (fit failed)



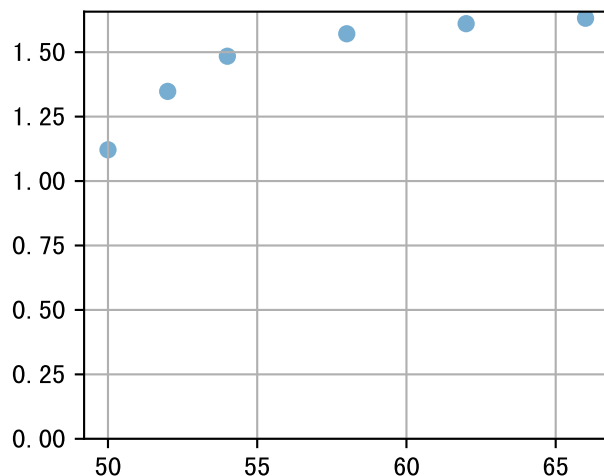
P10AW-016-3L7 (fit failed)



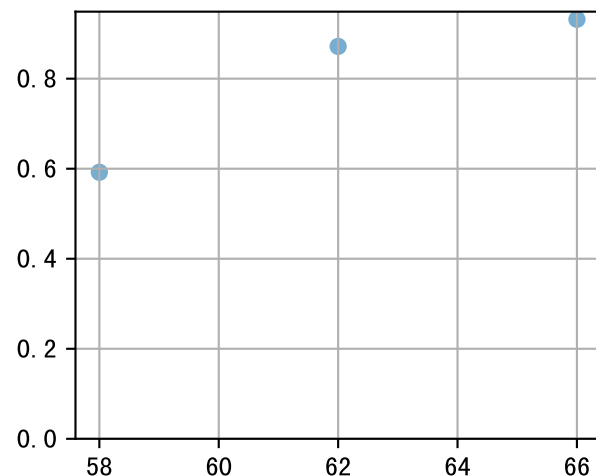
P10AW-029-30L12 (fit failed)



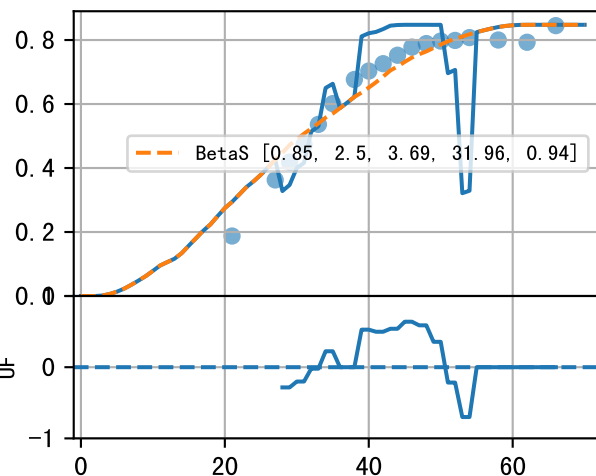
P10AW-029-30L15 (fit failed)



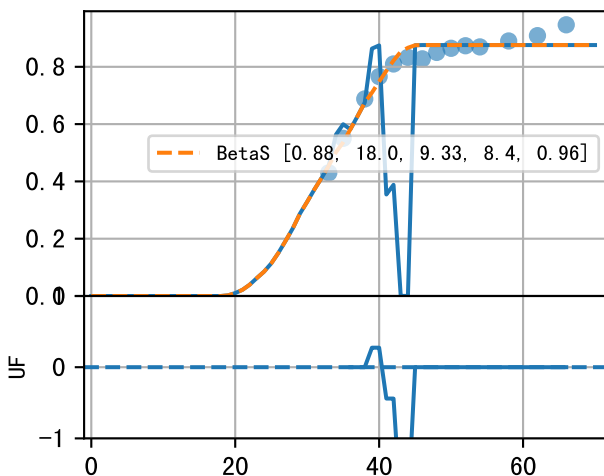
P10AW-029-30L18 (fit failed)



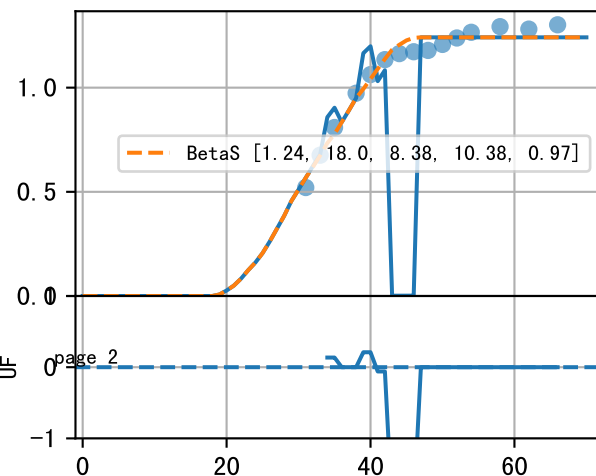
P10AW-029-30L6 (fit failed)

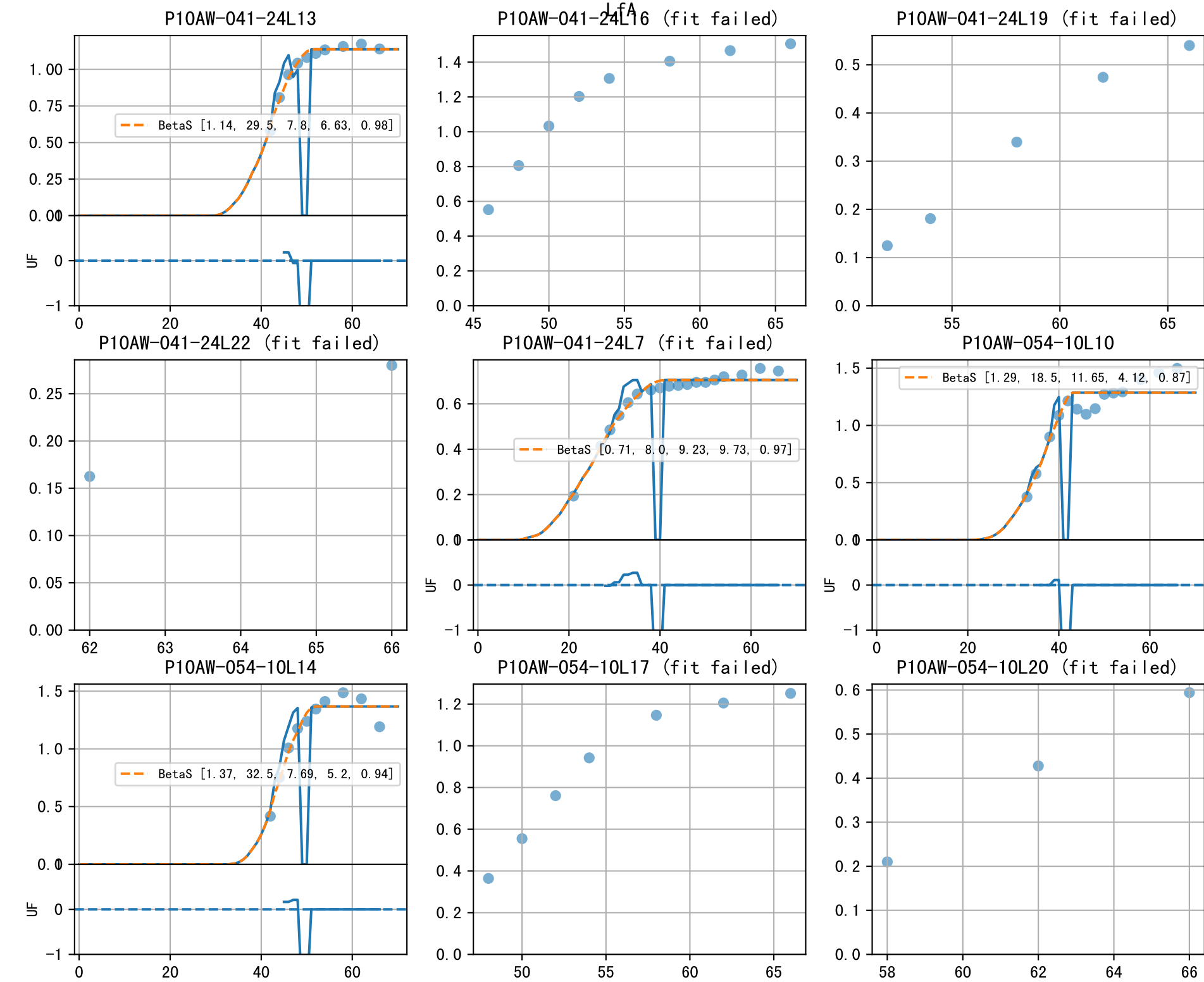


P10AW-029-30L9 (fit failed)

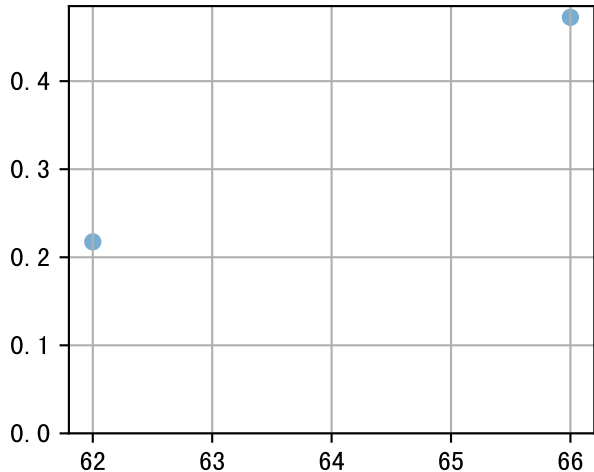


P10AW-041-24L10 (fit failed)

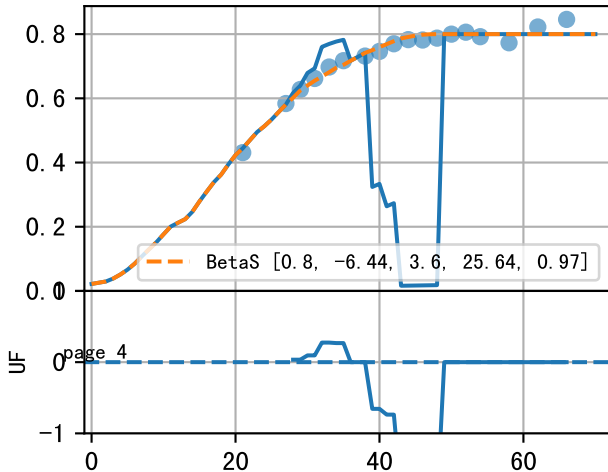


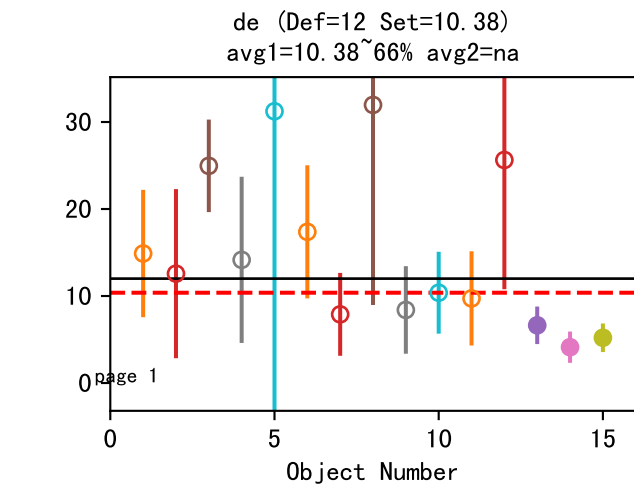
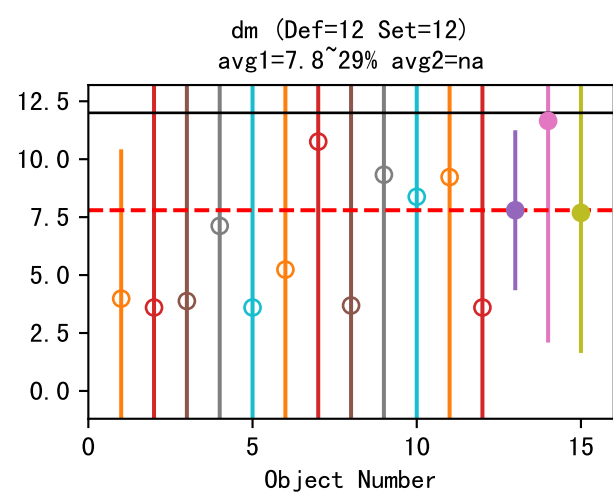
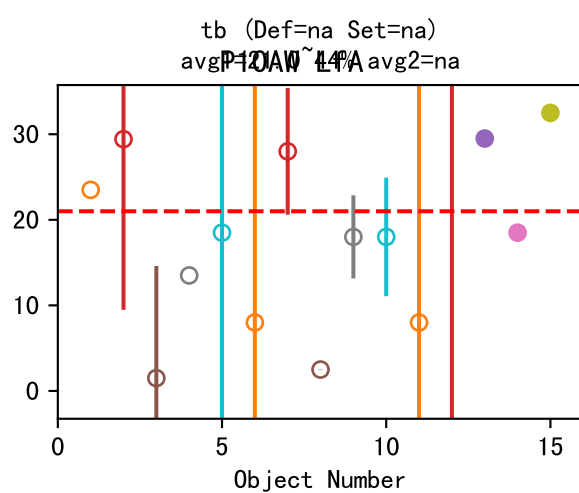
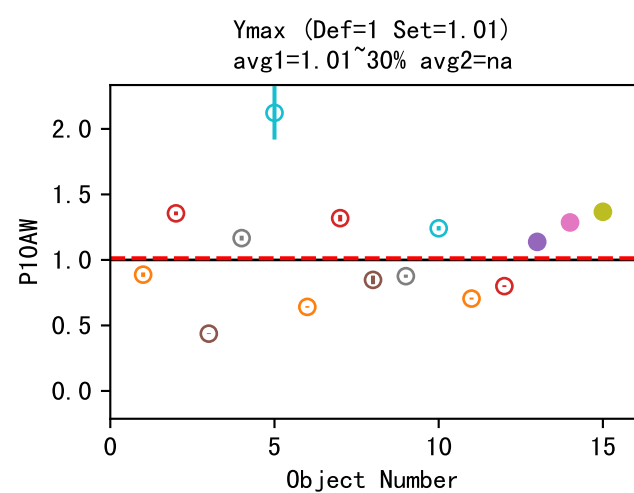


P10AW-054-10L23 (fit failed)

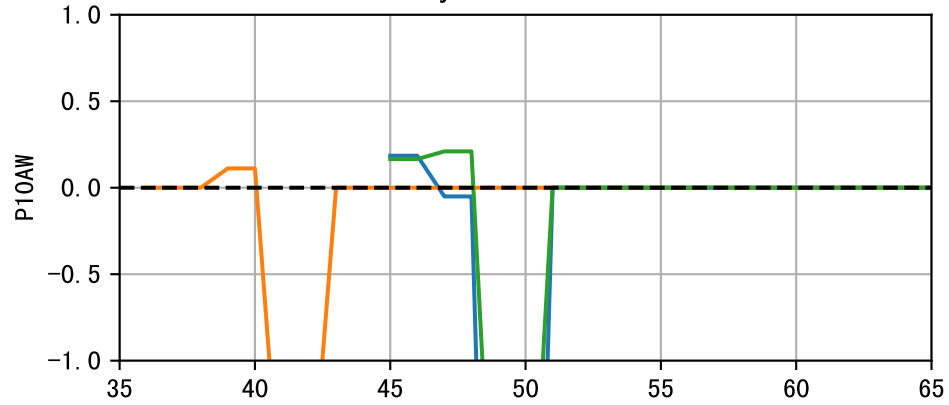


P10AW-054-10L6 (fit failed)

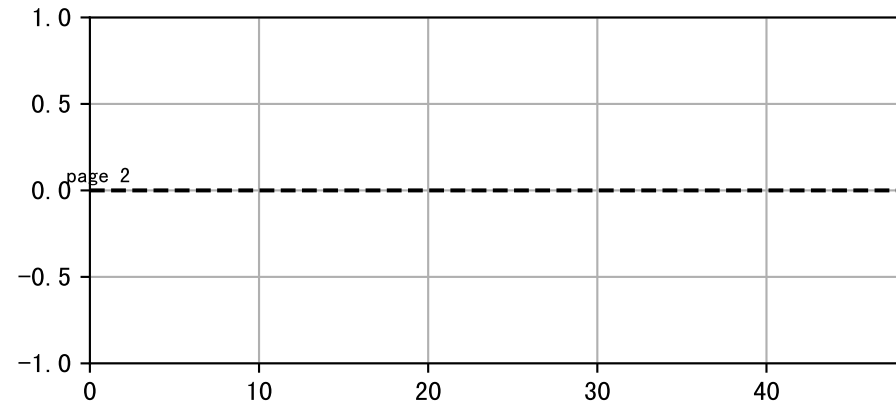
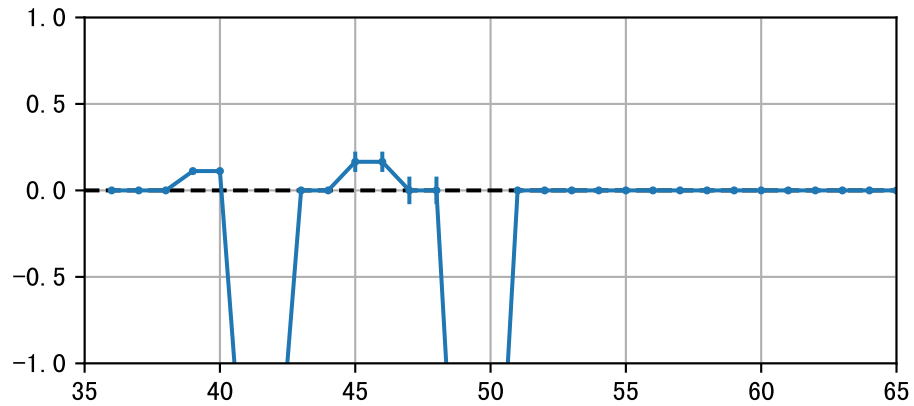
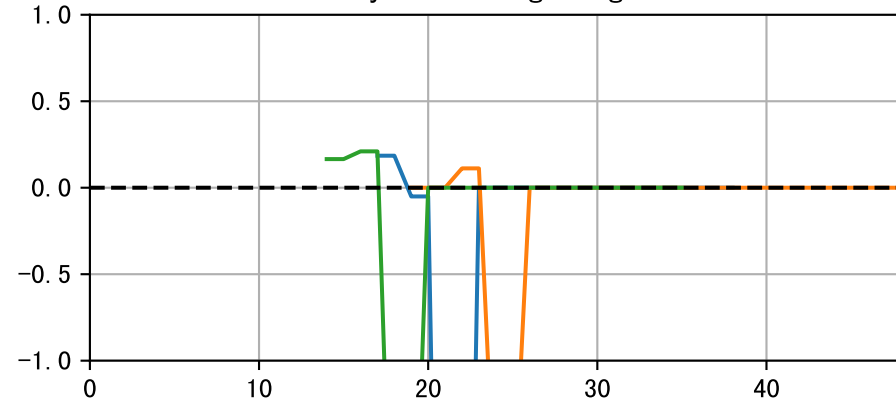


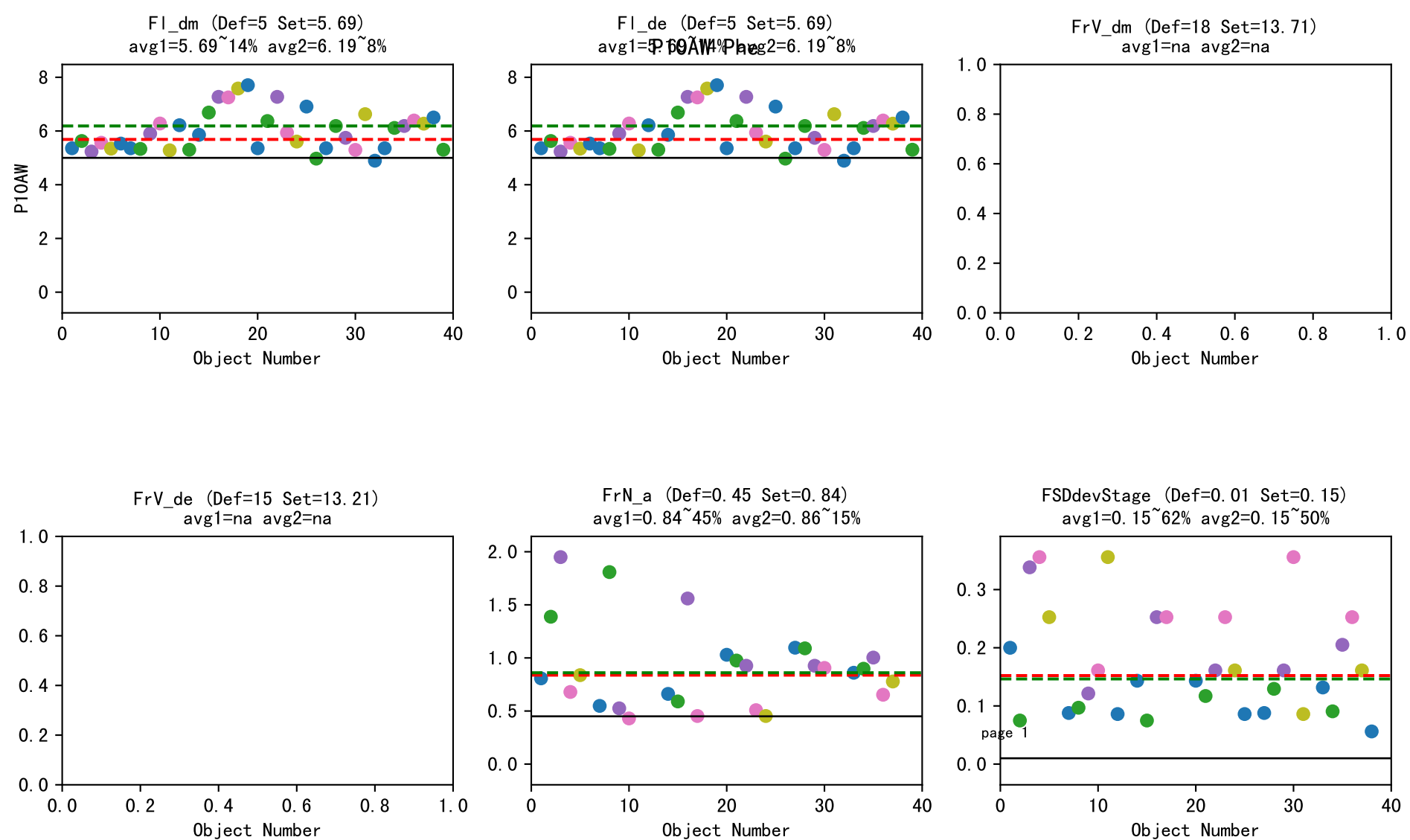


By Start Date

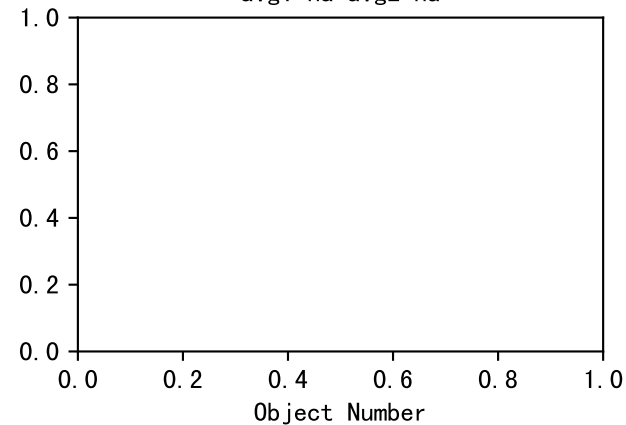


By Plant/Organ Age

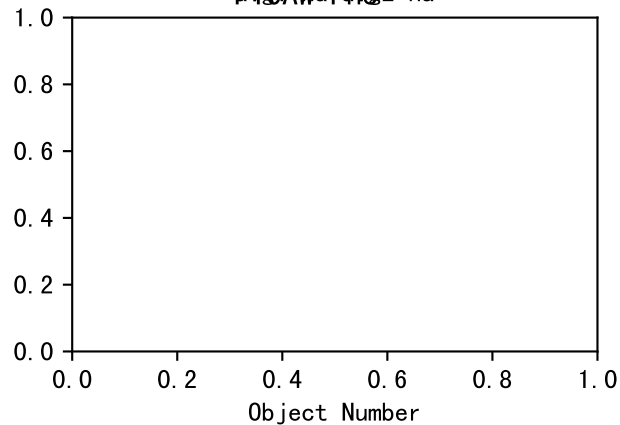




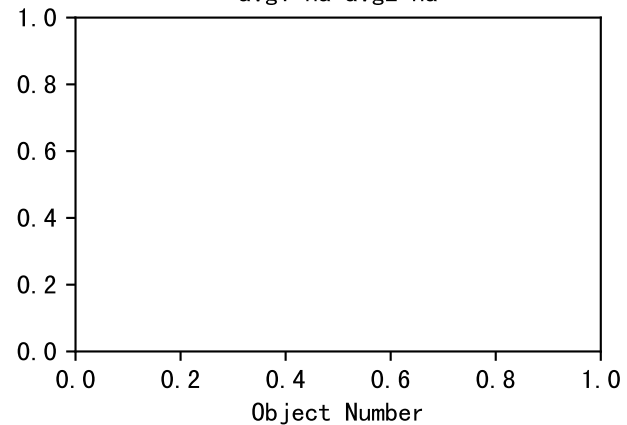
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



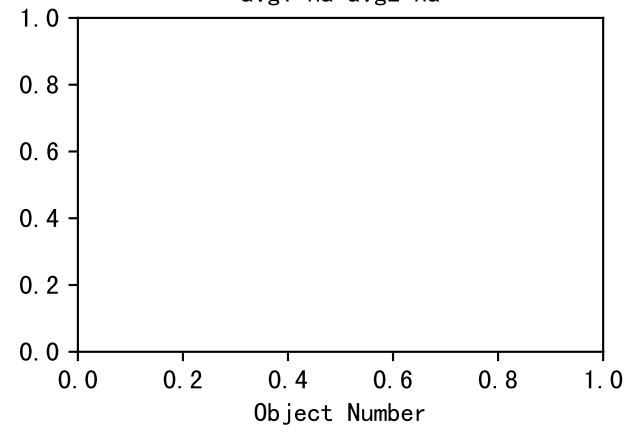
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



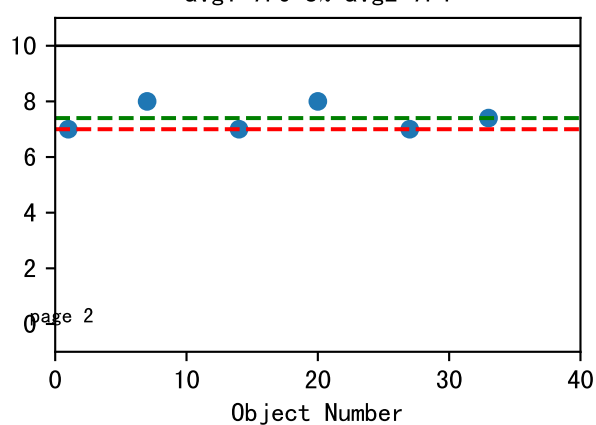
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

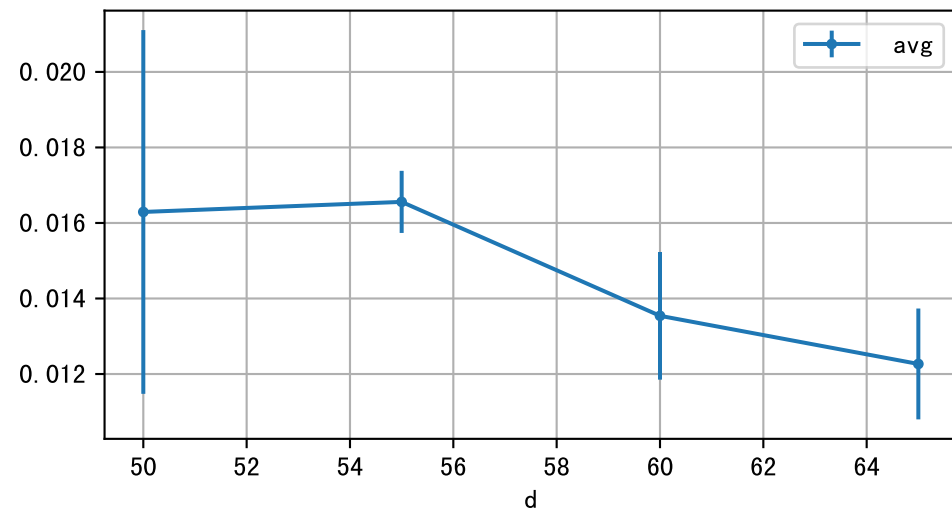


NNgen (Def=10 Set=7)
avg1=7.0~8% avg2=7.4

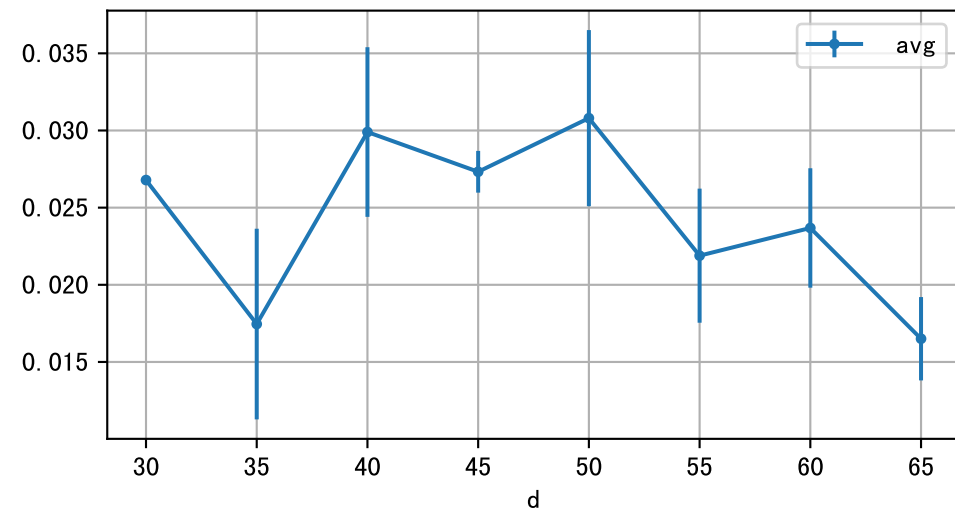


LfA: avg vs. d at each age group

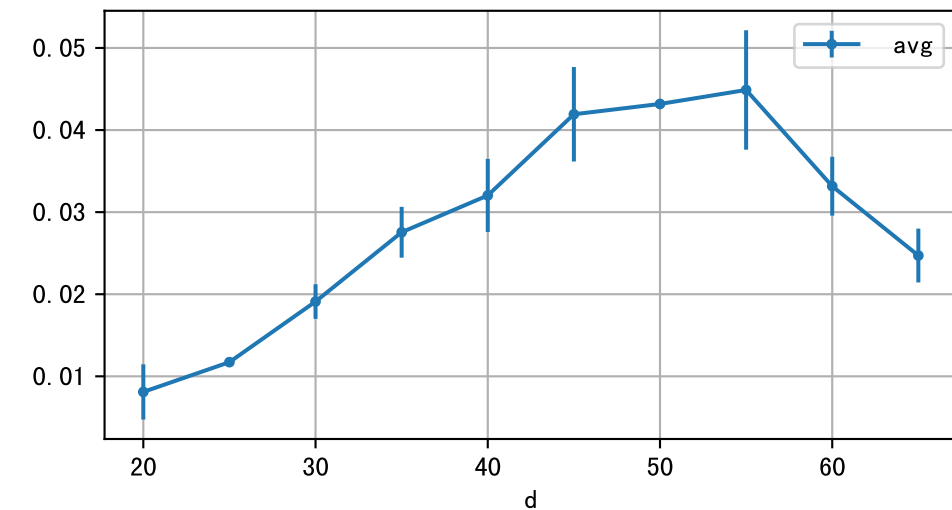
age=15



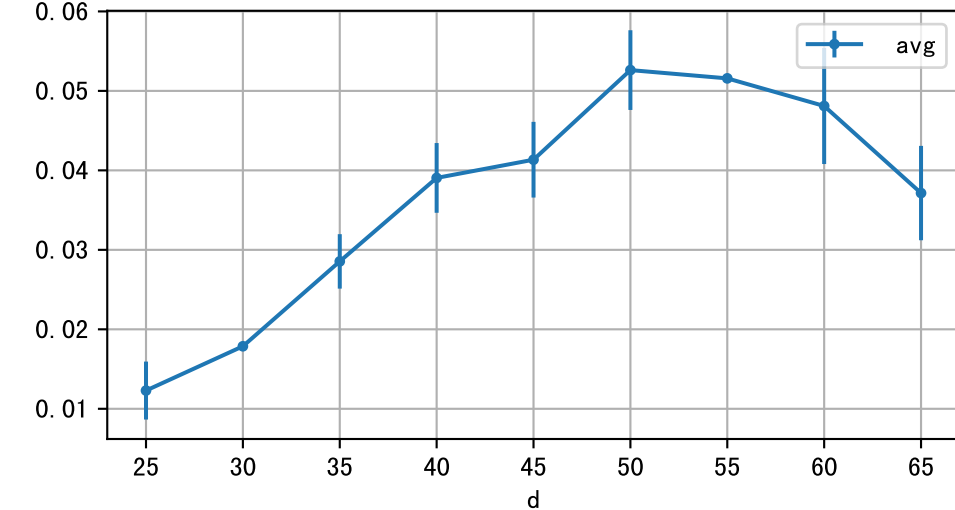
age=20

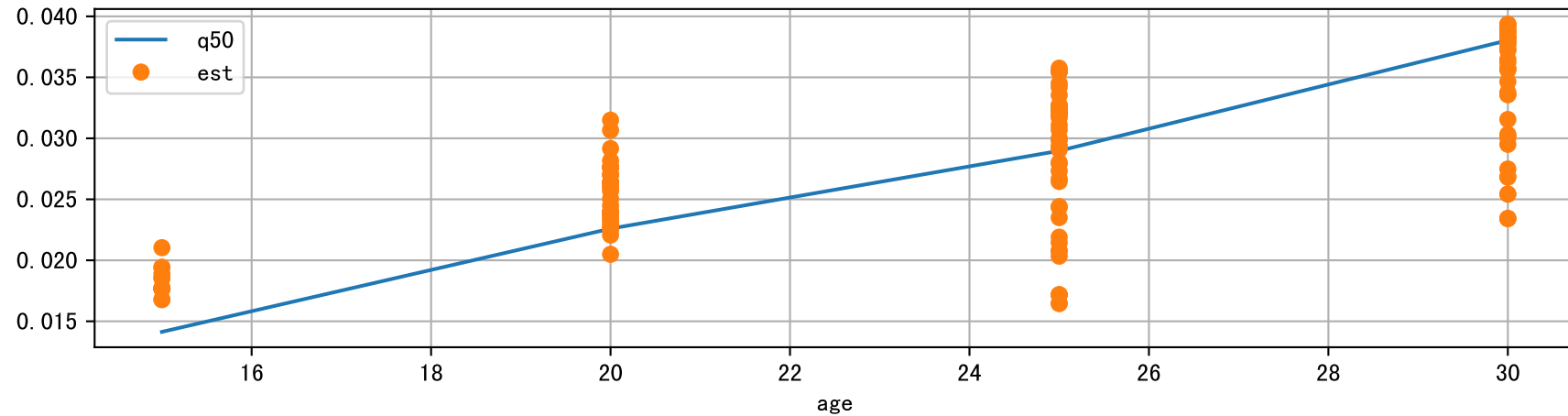


age=25



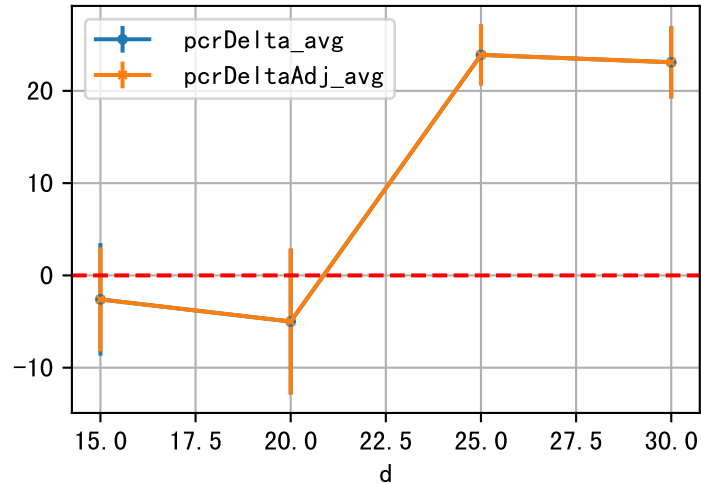
age=30



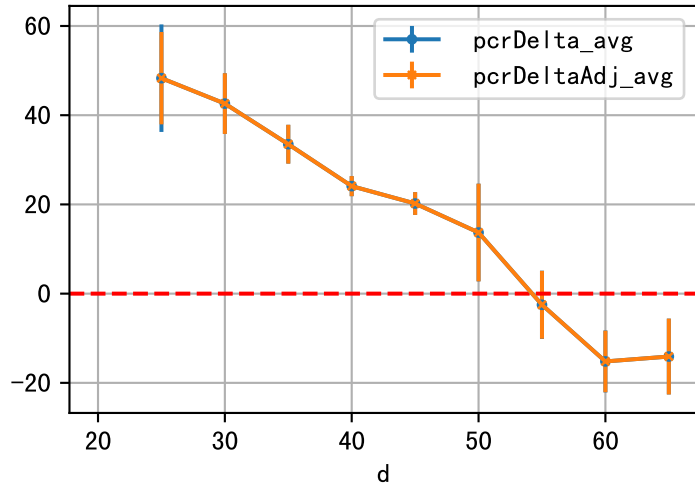


P10AW LfA: D_5d_LfA

DeltaTypeAbbr=GrpByAge

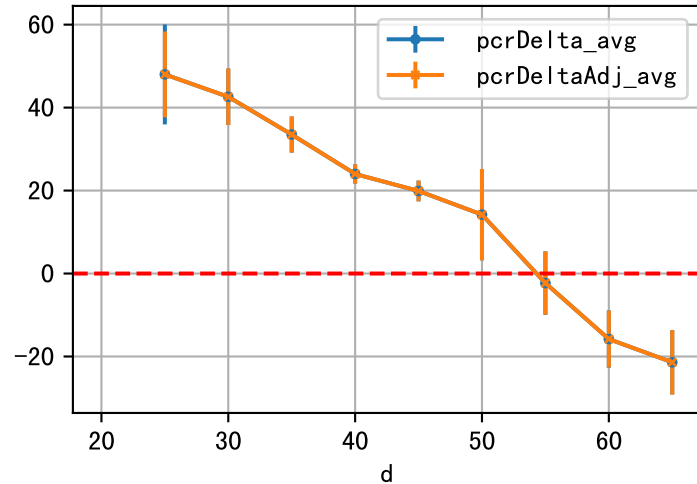


DeltaTypeAbbr=GrpByDay



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DeltaTypeAbbr=Wei AvgByD

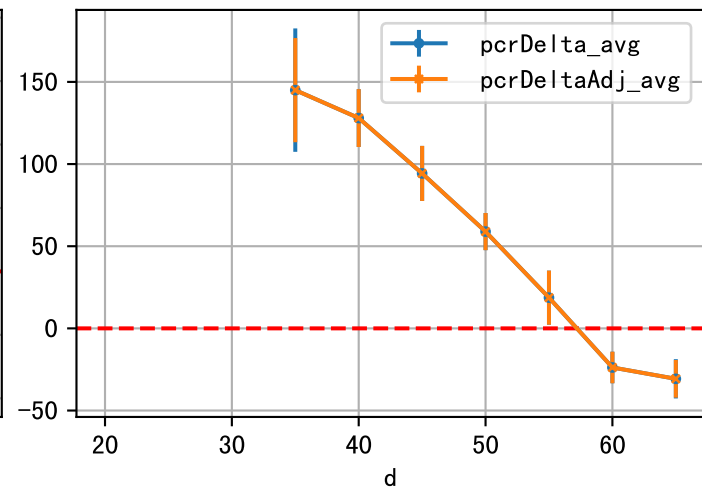
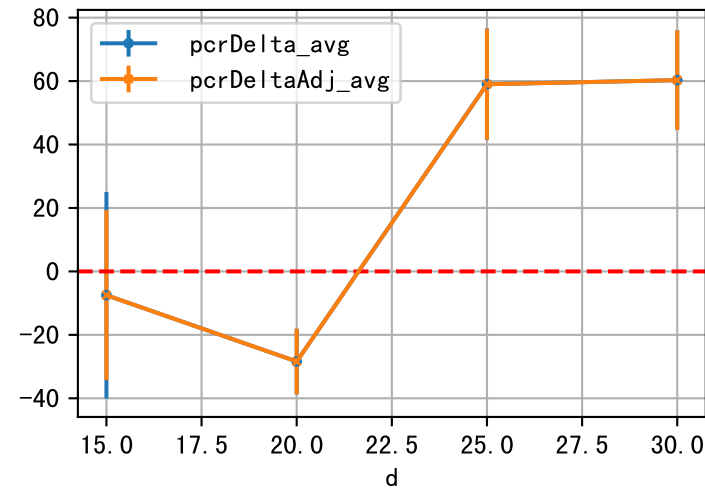


P10AW LfA: D_15d_LfA

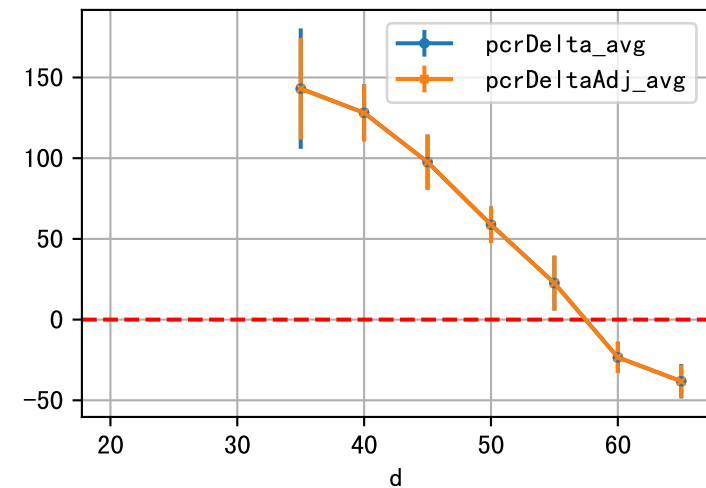
DeltaTypeAbbr=GrpByAge

DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=Wei AvgByD



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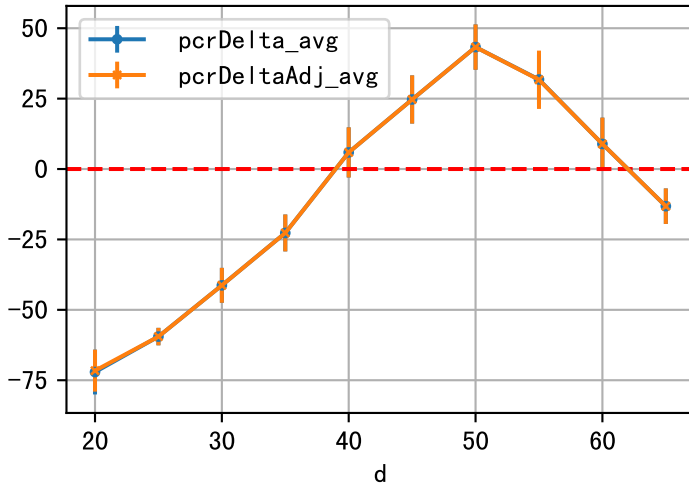
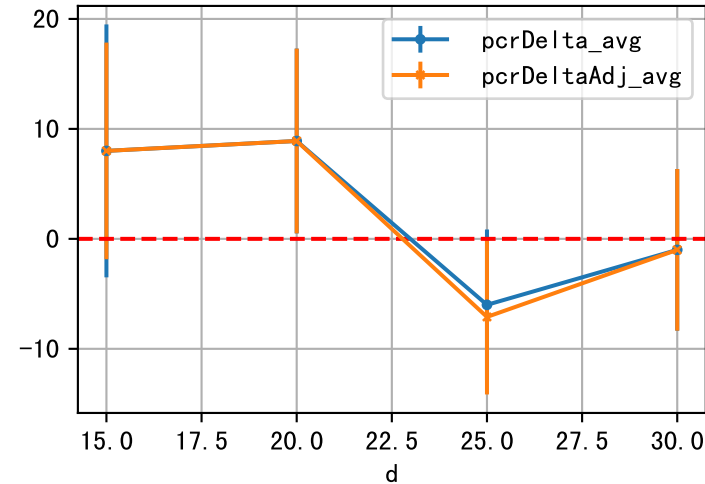


P10AW LfA: D_Q50_LfA

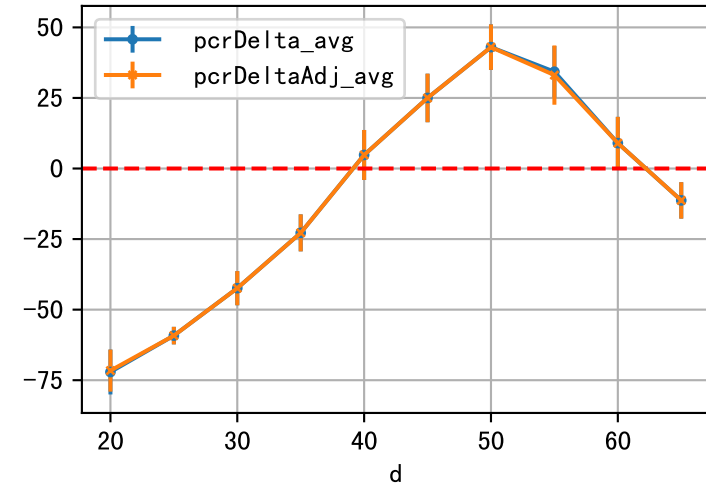
DeltaTypeAbbr=GrpByAge

DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=Wei AvgByD



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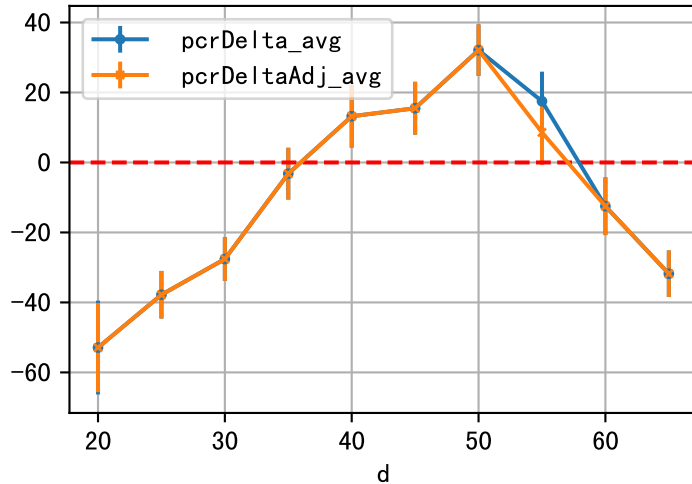
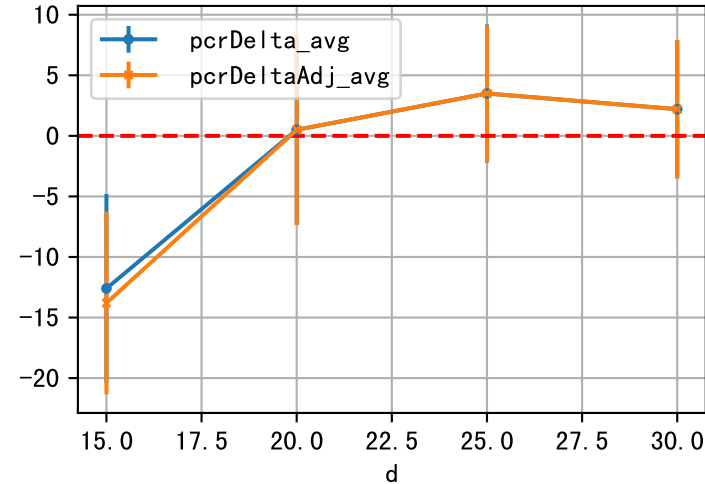


P10AW LfA: D_Est_LfA

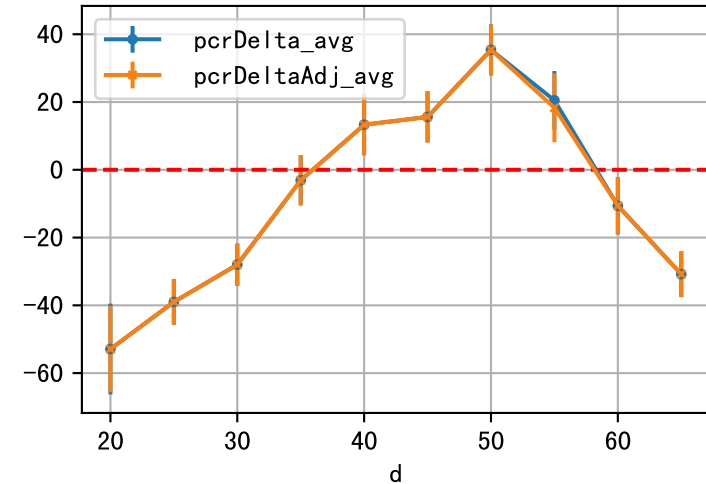
DeltaTypeAbbr=GrpByAge

DeltaTypeAbbr=GrpByDay

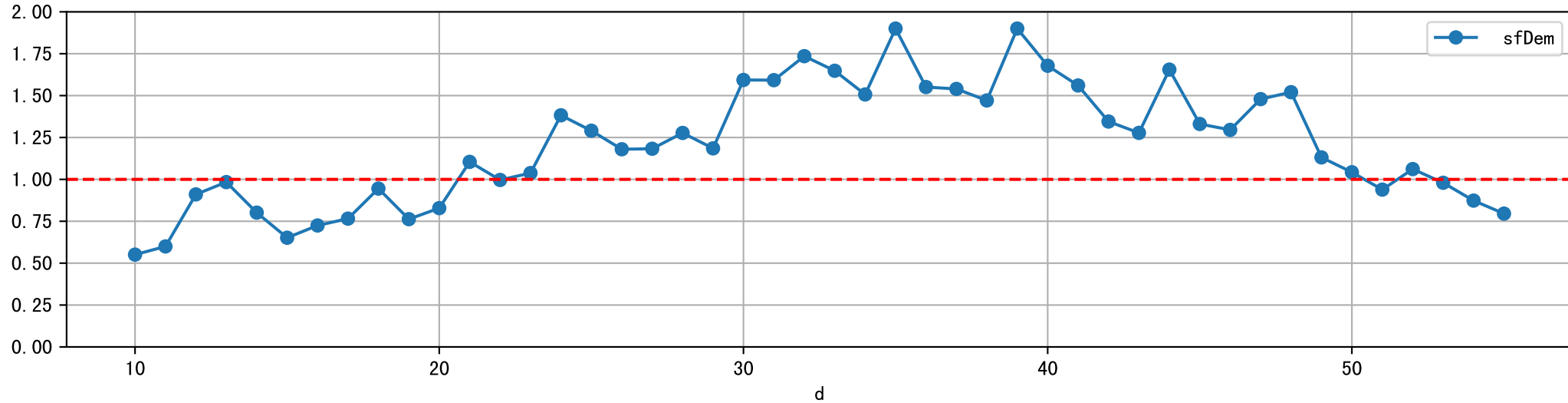
DeltaTypeAbbr=WeiAvgByD

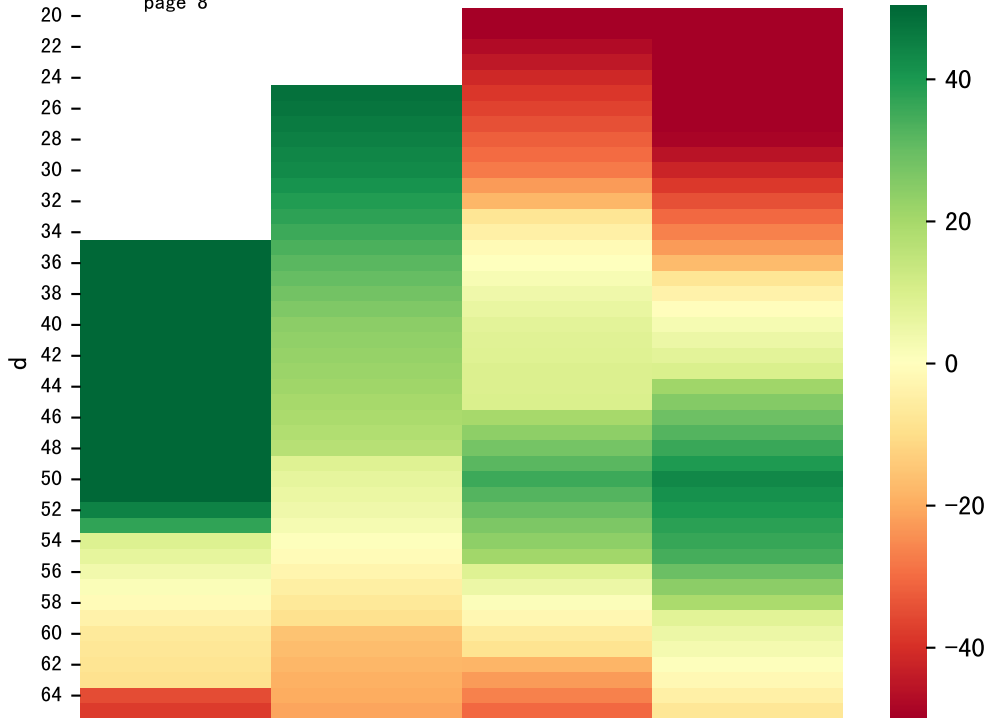


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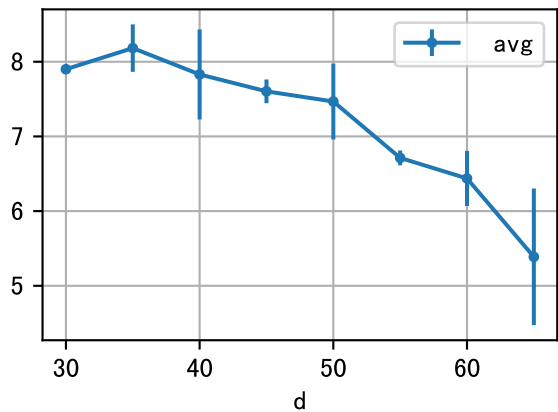
LfA: sfDem



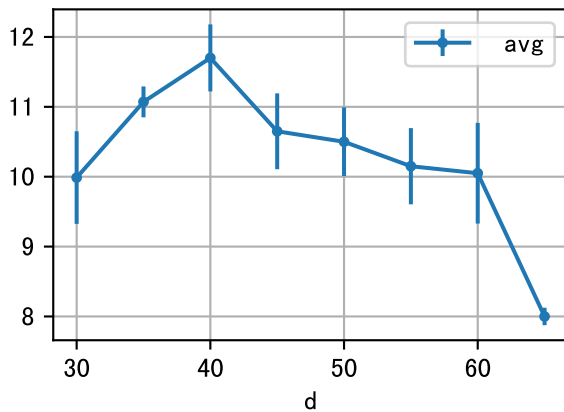


NdD: avg vs. d at each age group

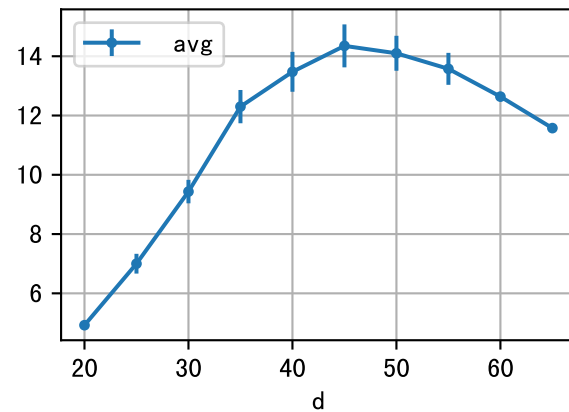
age=15



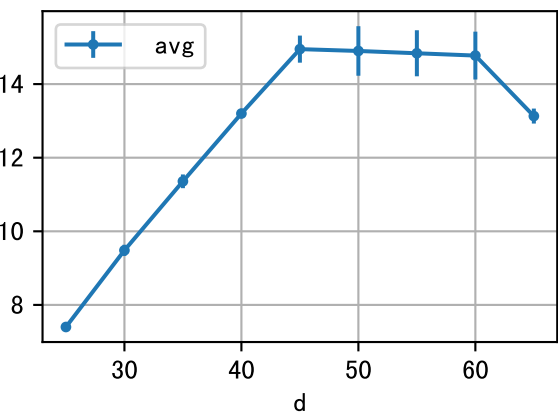
age=20



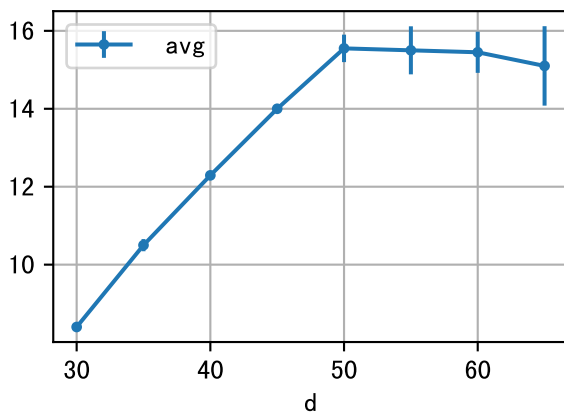
age=25



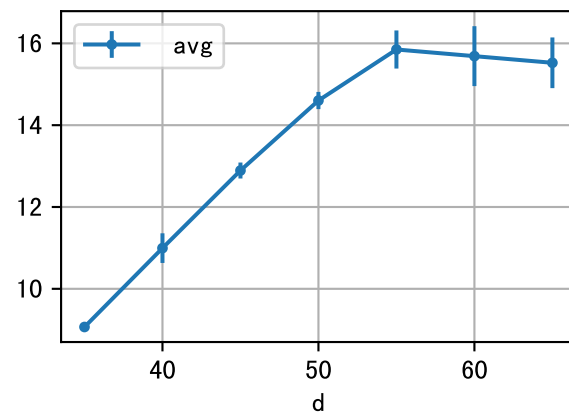
age=30



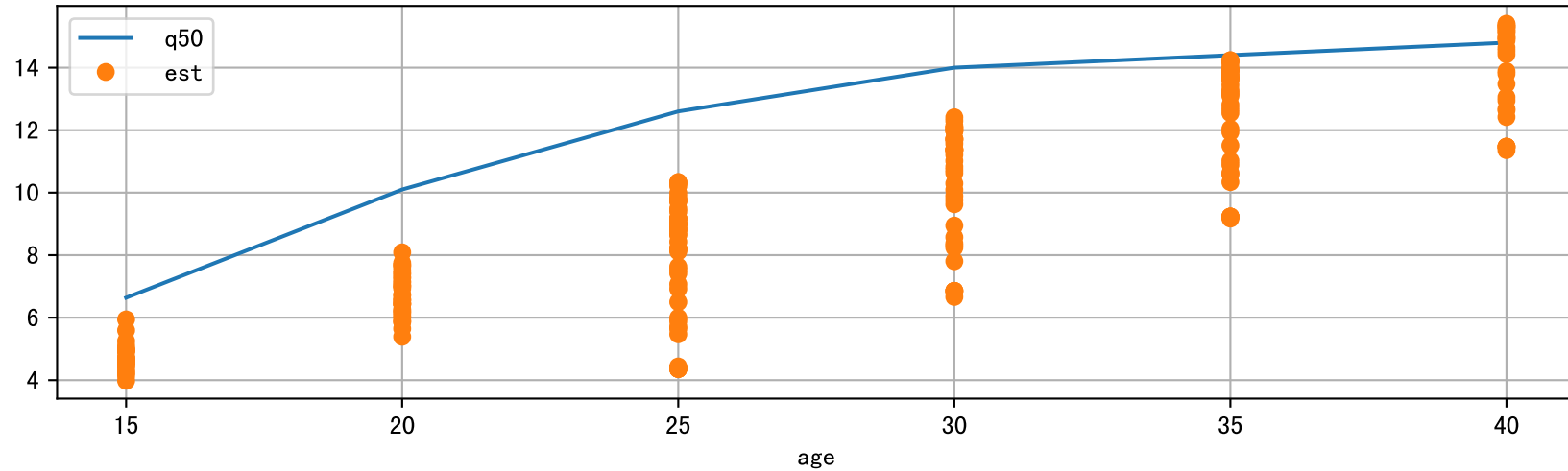
age=35



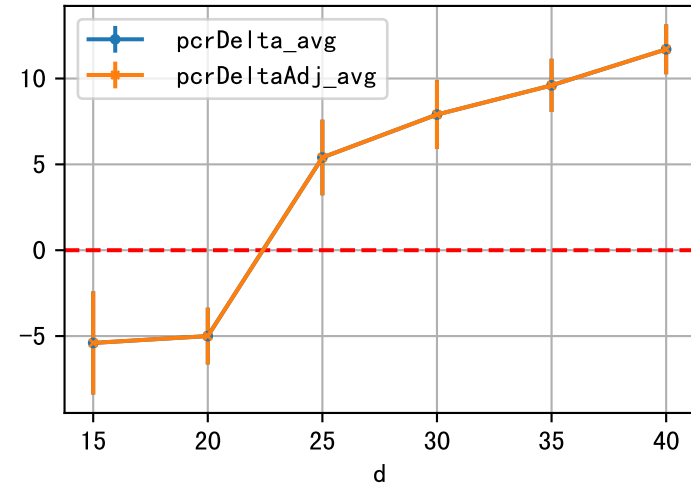
age=40



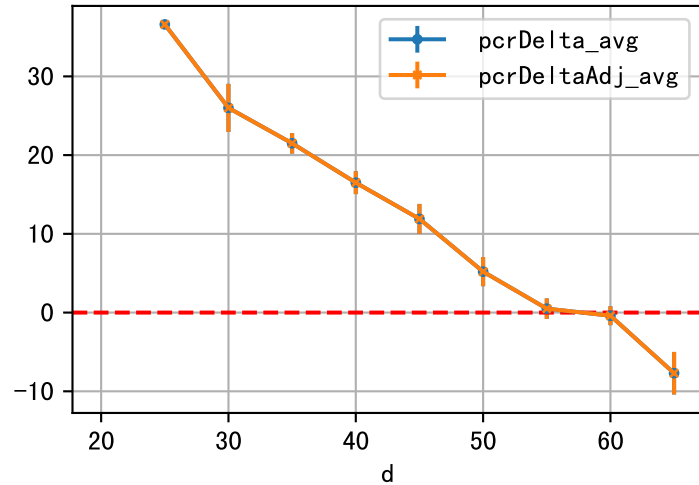
NdD: model est vs obs0v@Q50



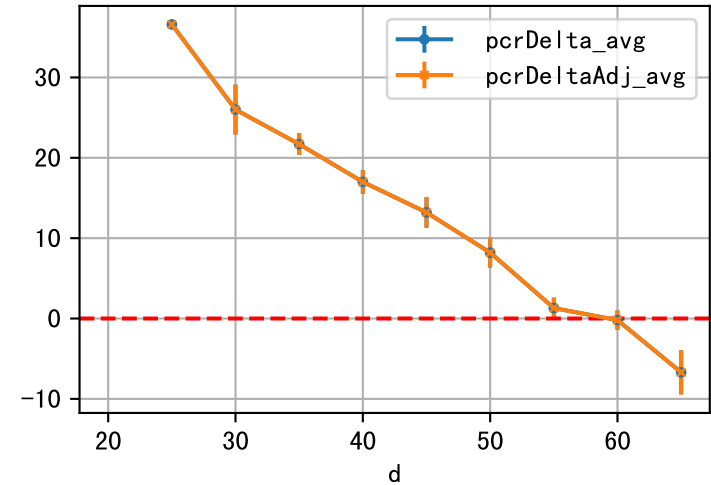
DeltaTypeAbbr=GrpByAge



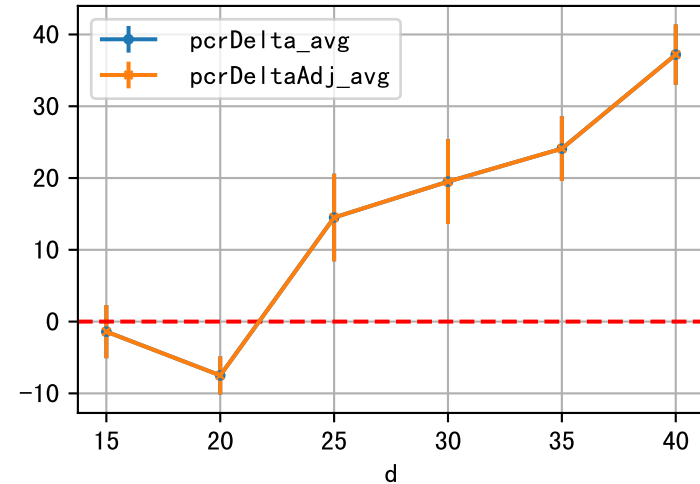
DeltaTypeAbbr=GrpByDay



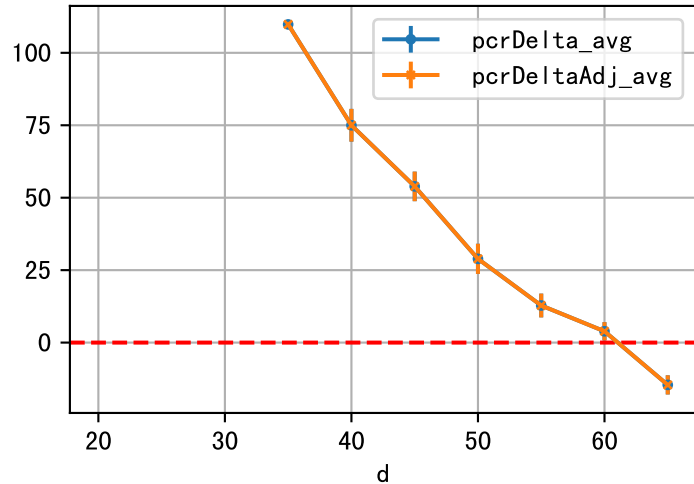
DeltaTypeAbbr=Wei AvgByD



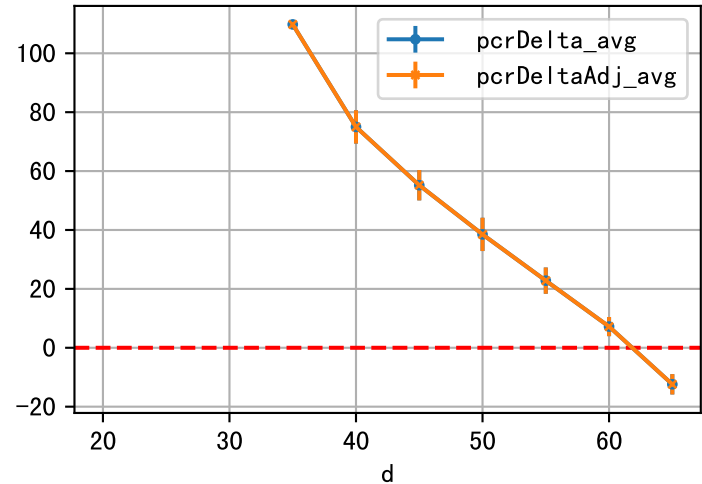
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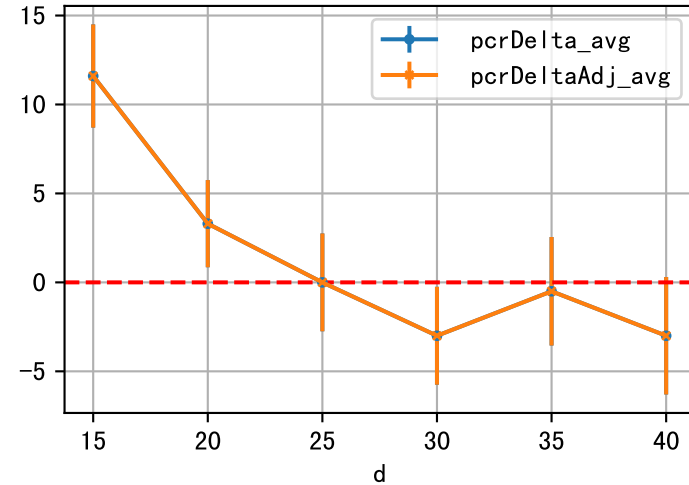
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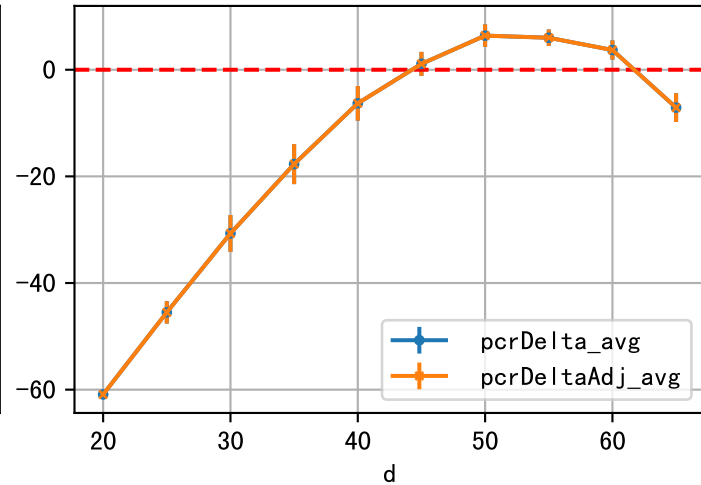
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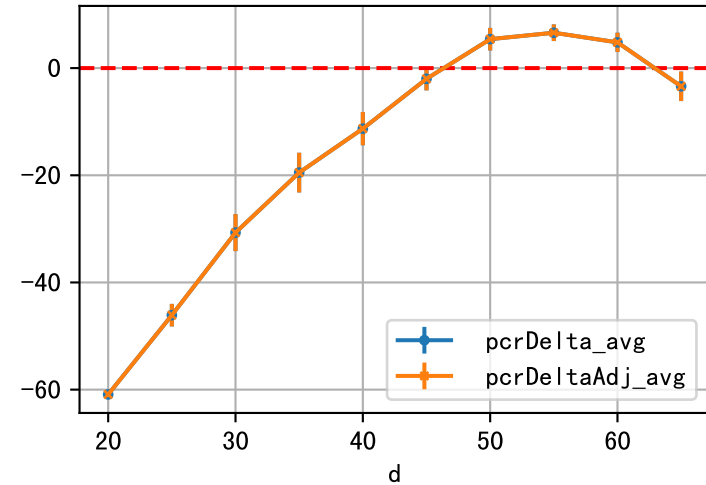
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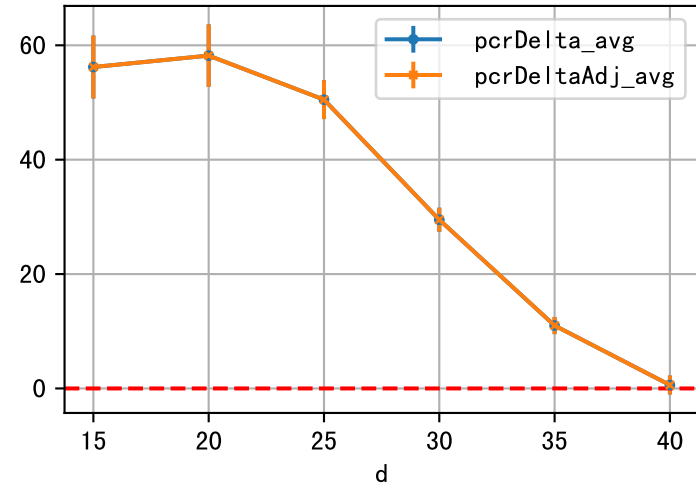
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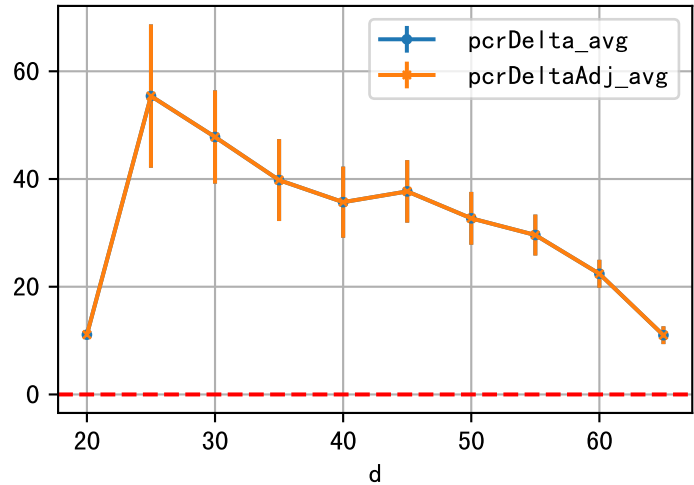
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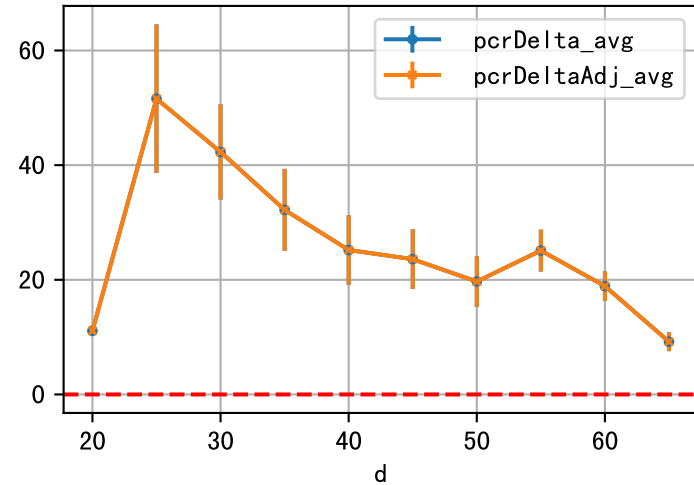
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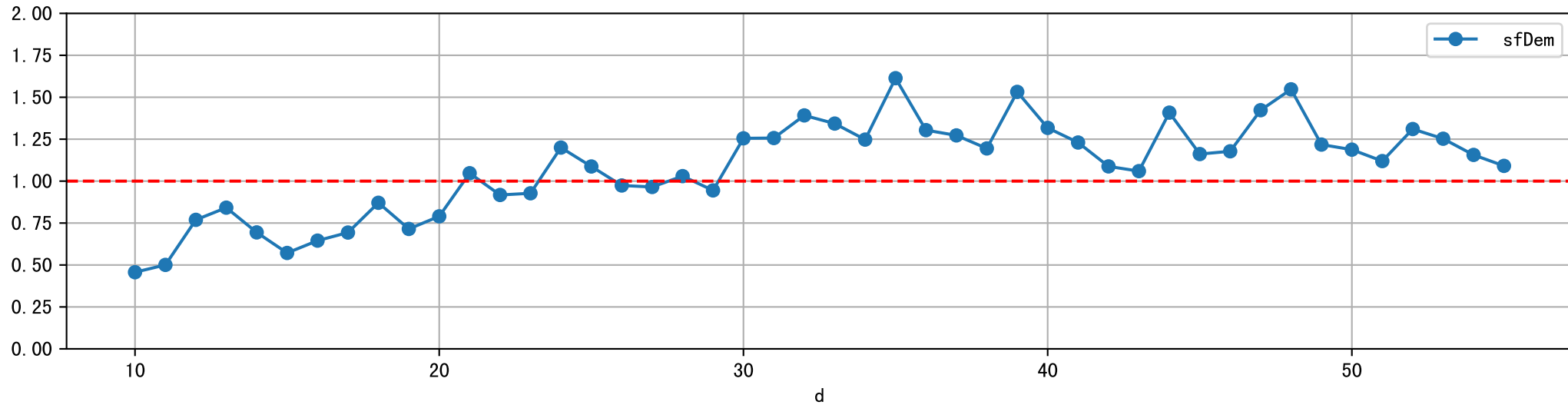
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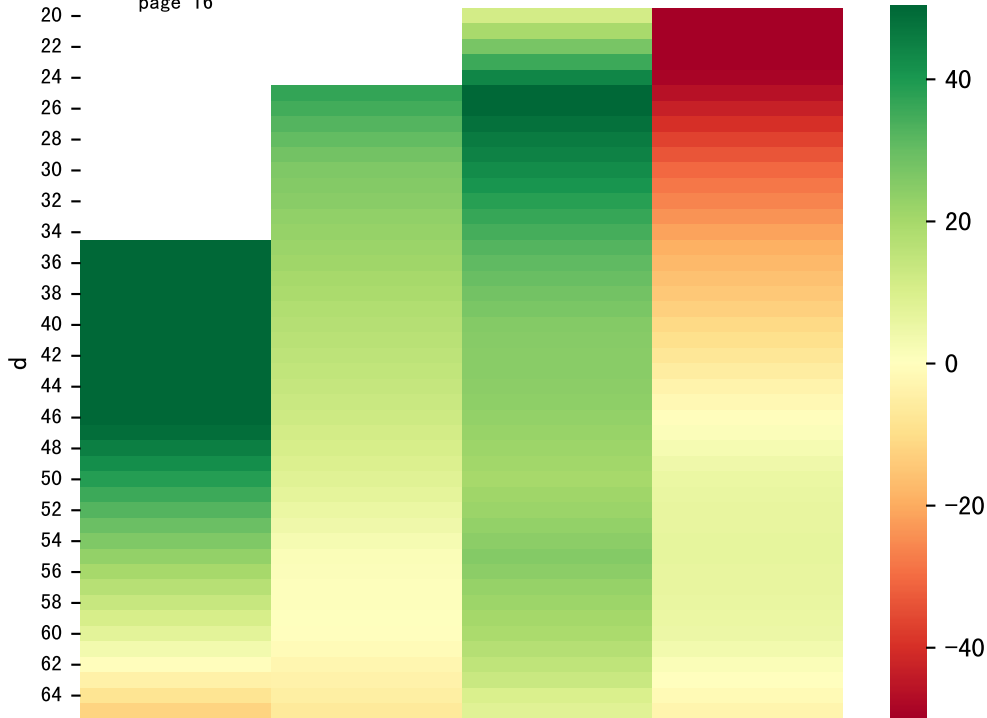


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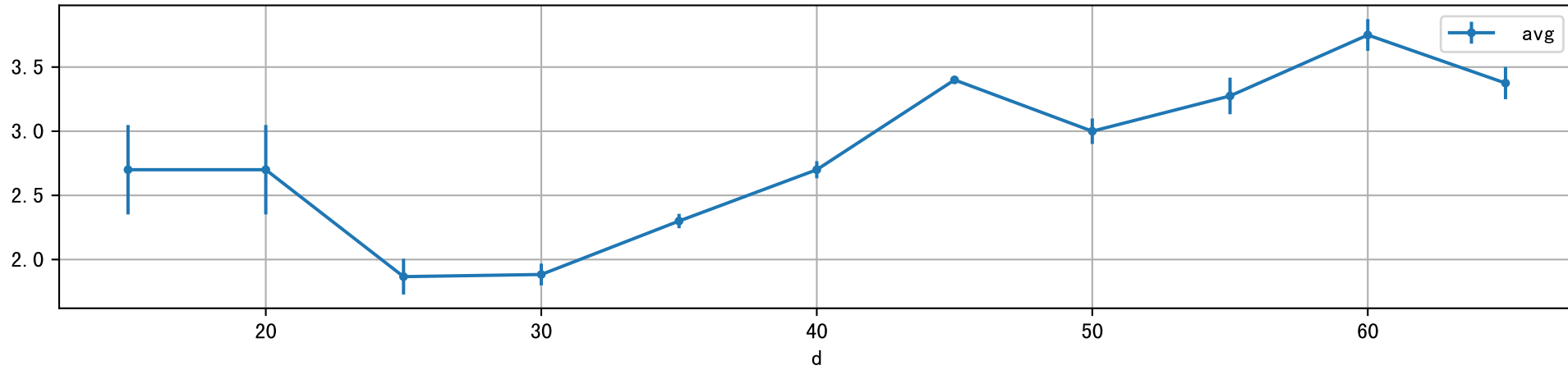


NdD: sfDem

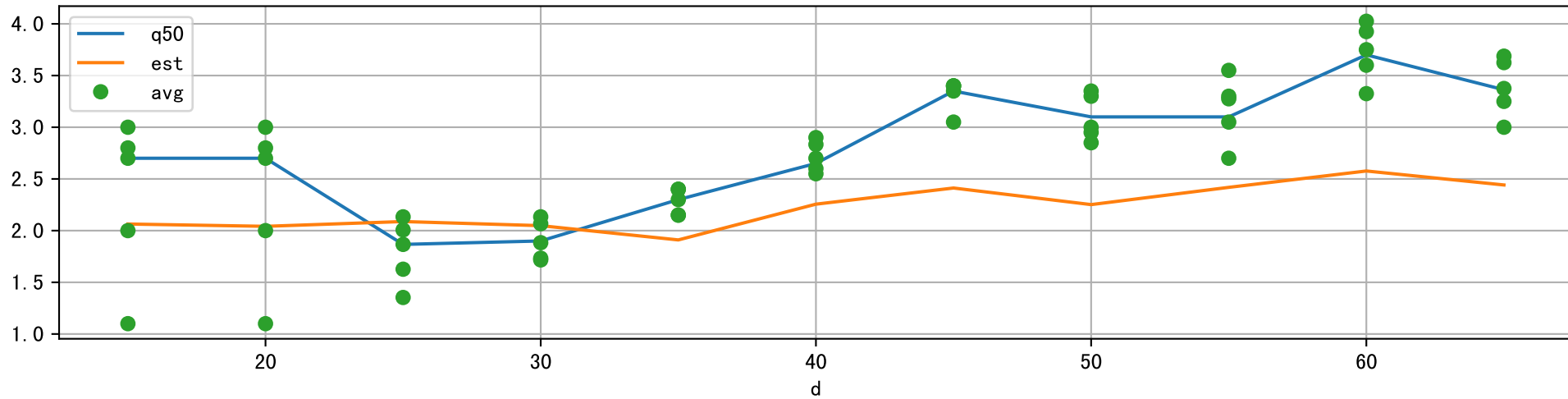




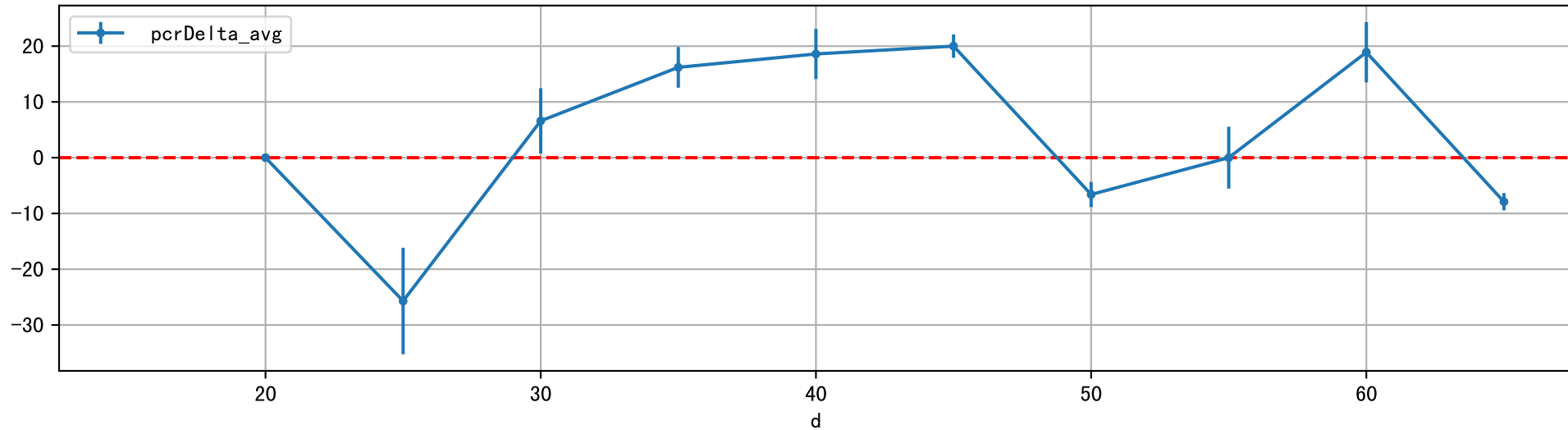
dStH: avg vs. d



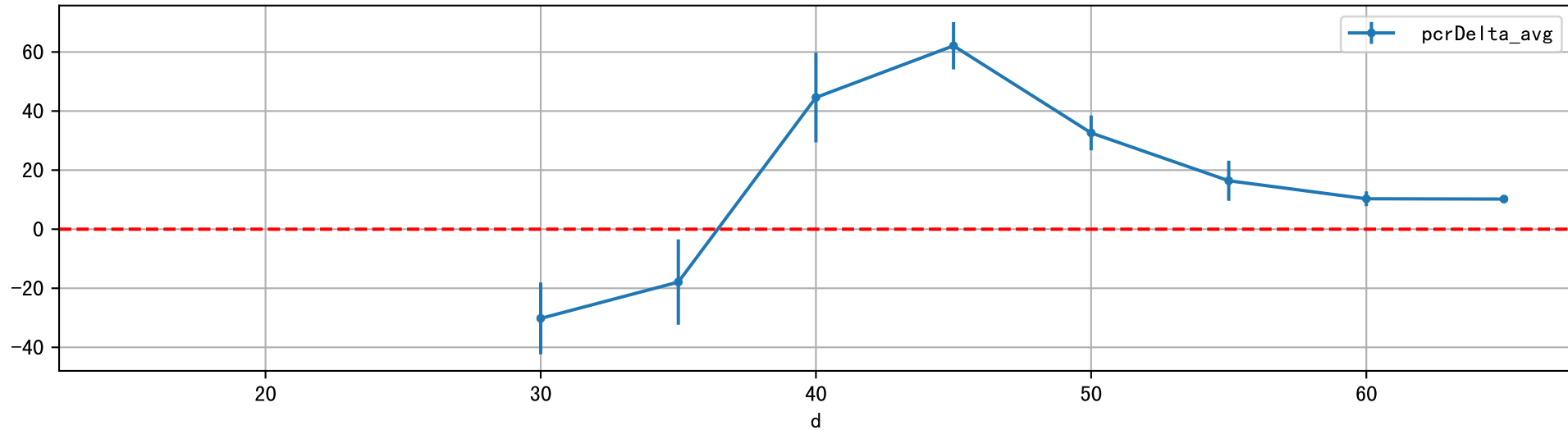
dStH: obsAvg vs obs0v@Q50



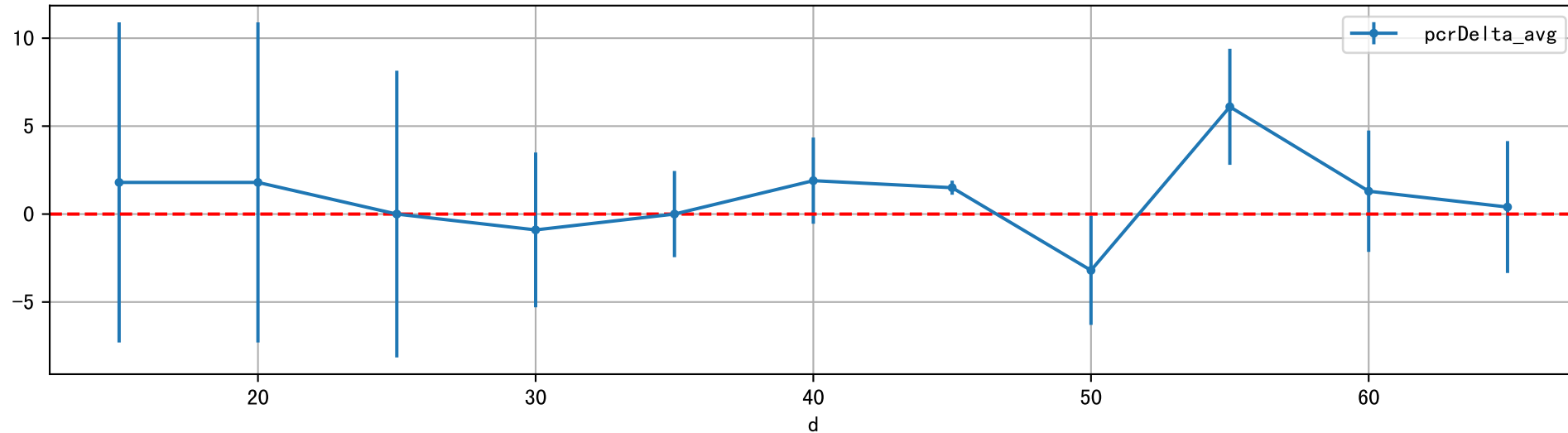
dStH: D_5d_StH



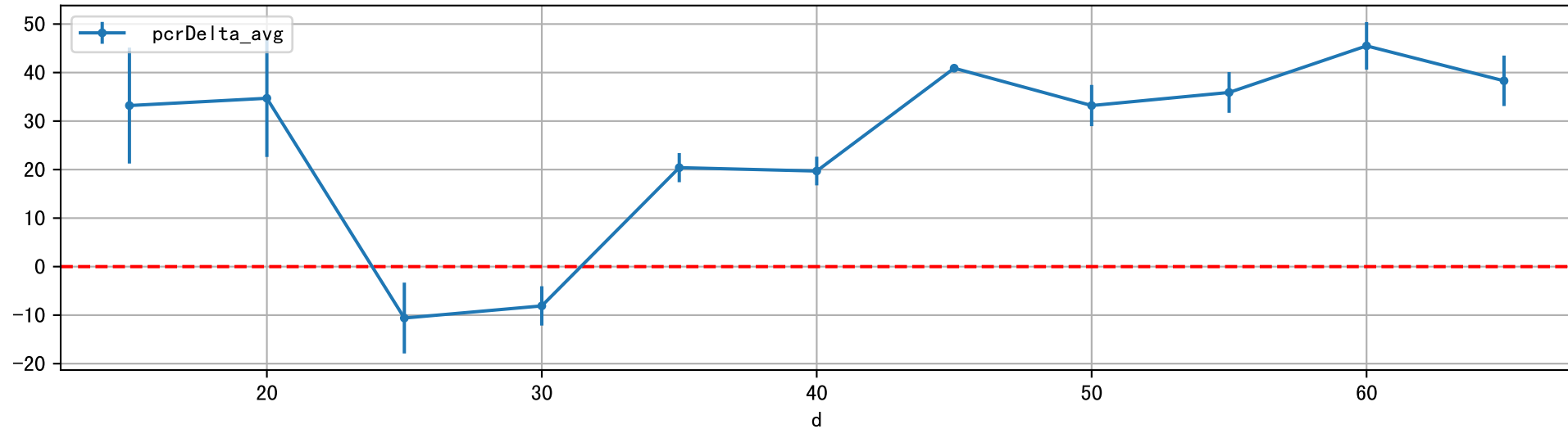
dStH: D_15d_StH



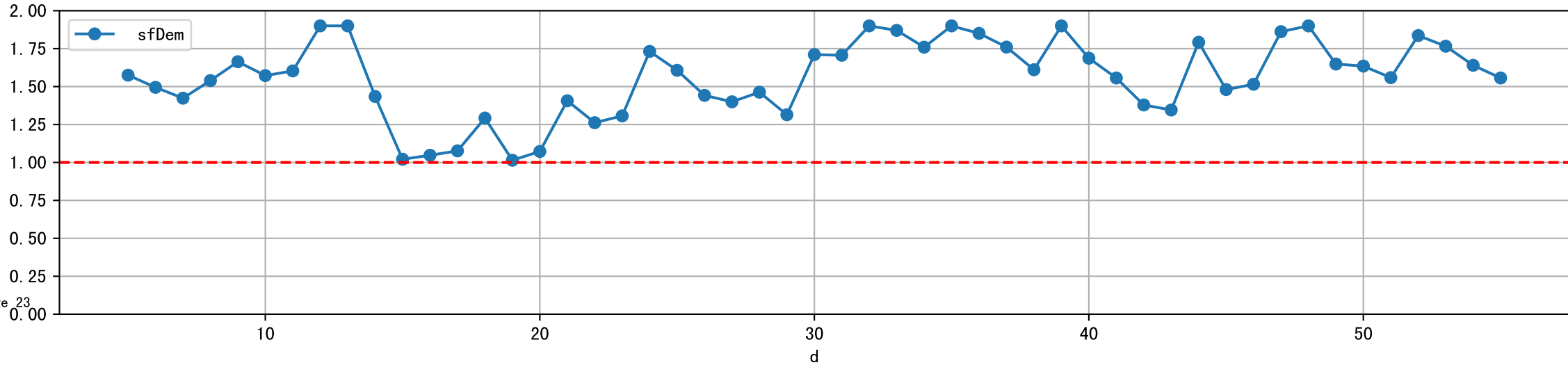
dStH: D_Q50_StH

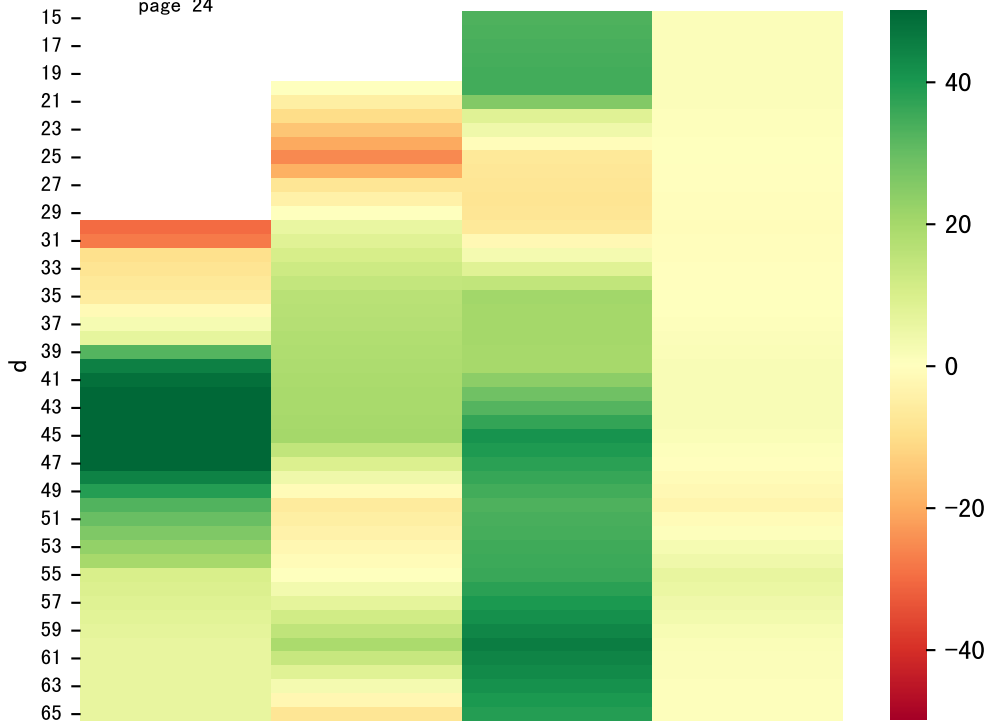


dStH: D_Est_StH

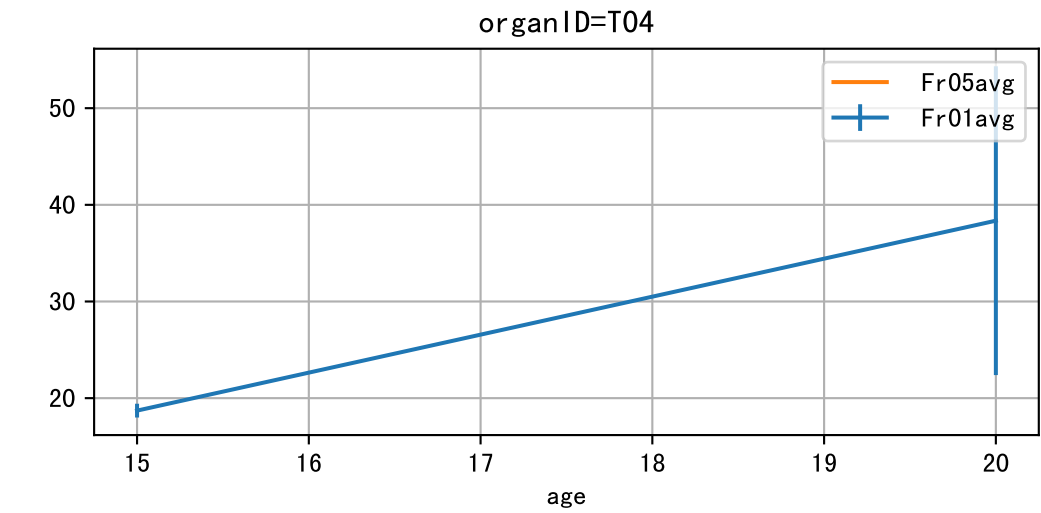
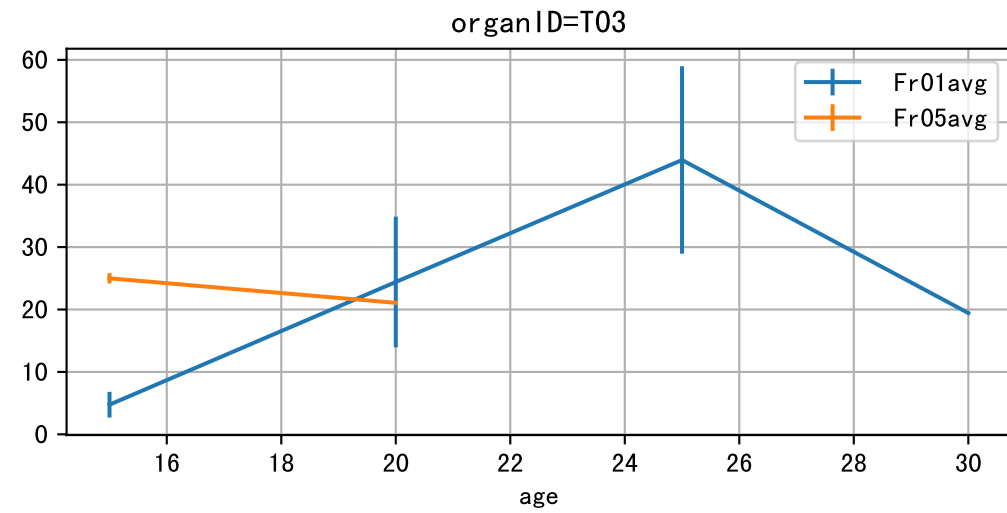
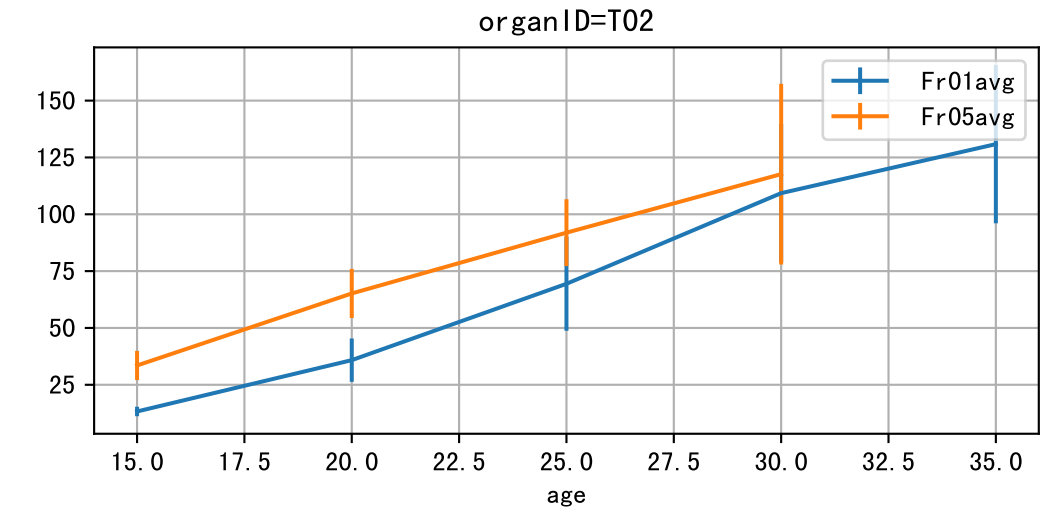
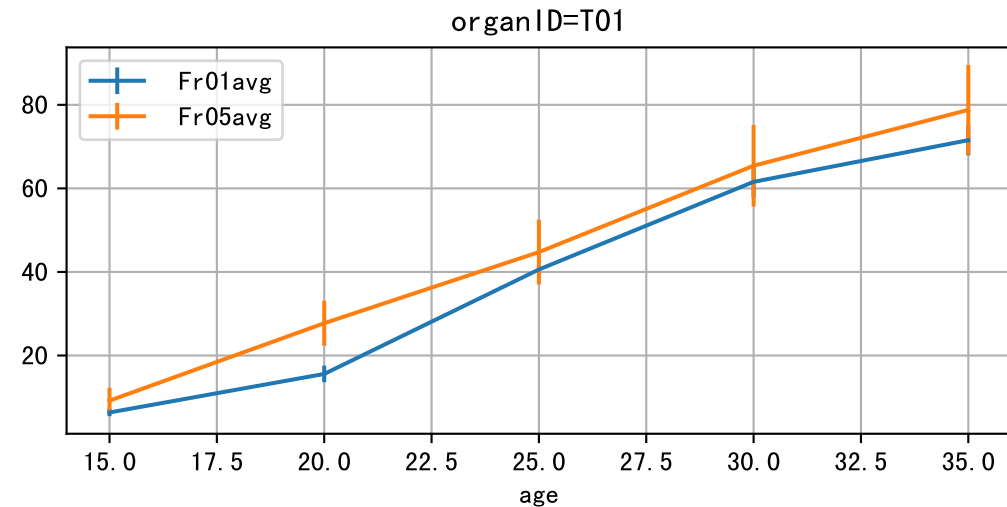


dStH: sfDem



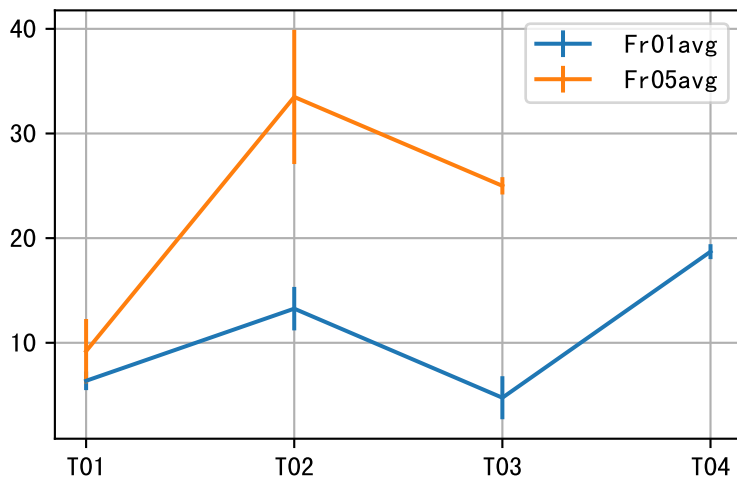


FrV: Fr01 vs Fr05 at each truss

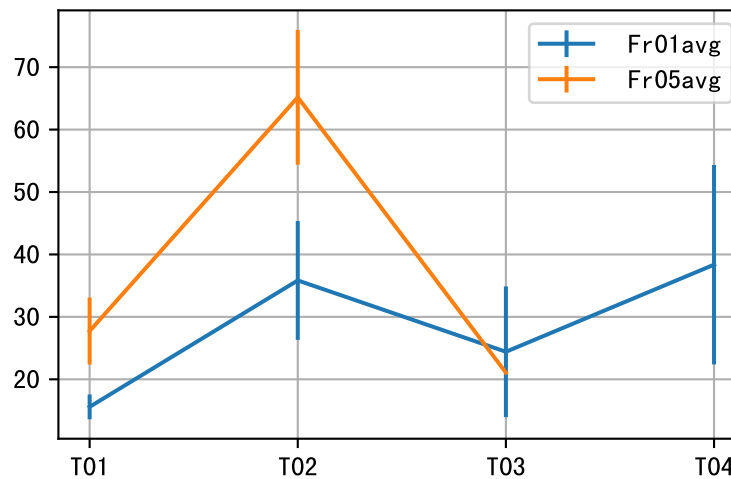


FrV trend at each age

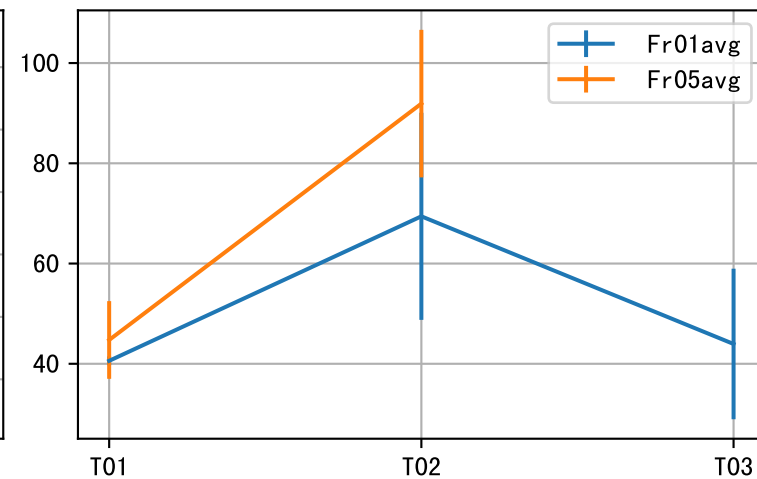
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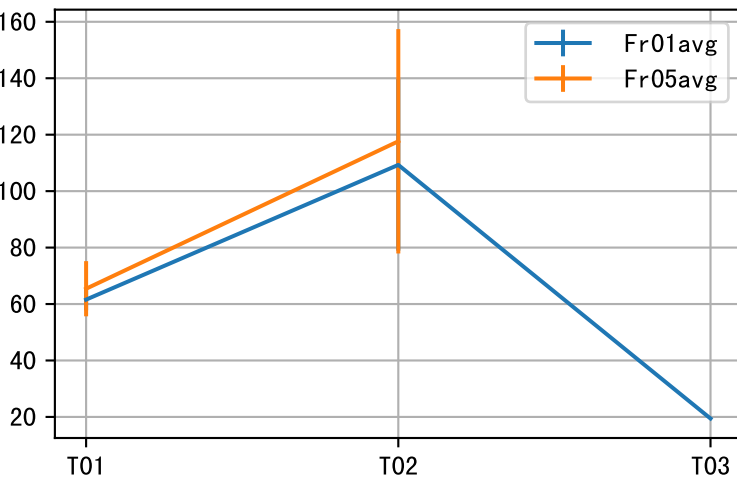
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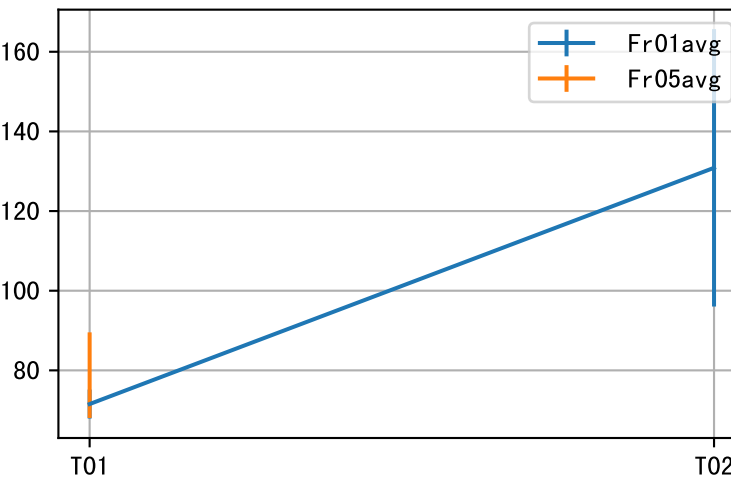
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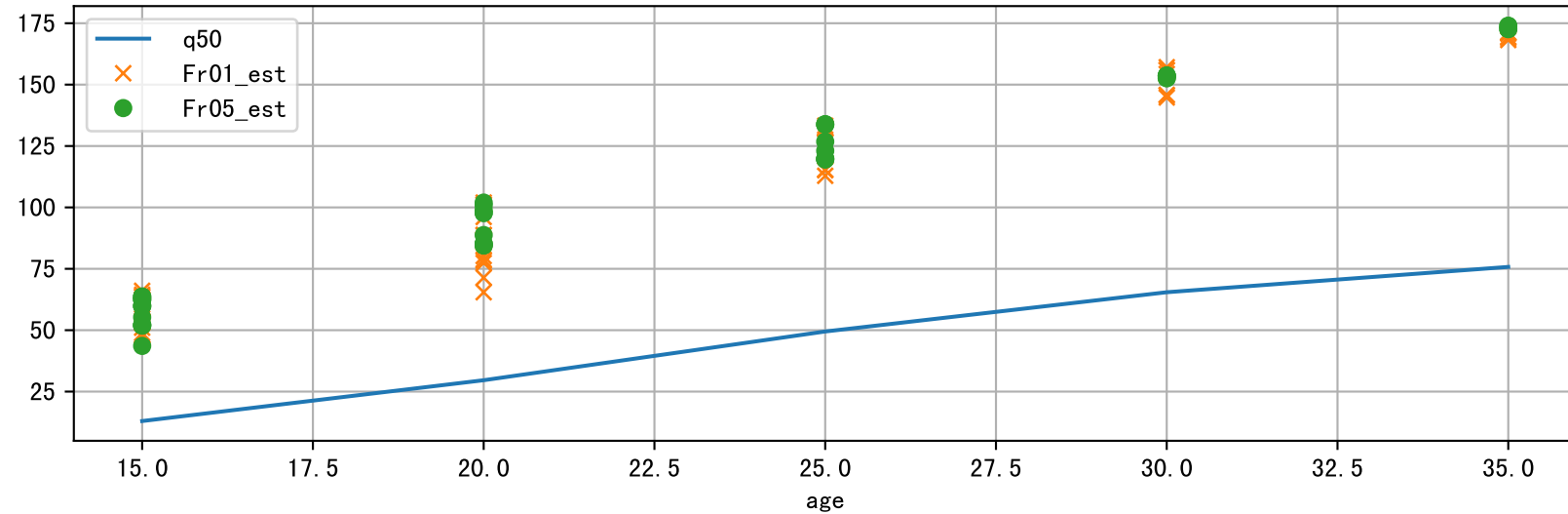
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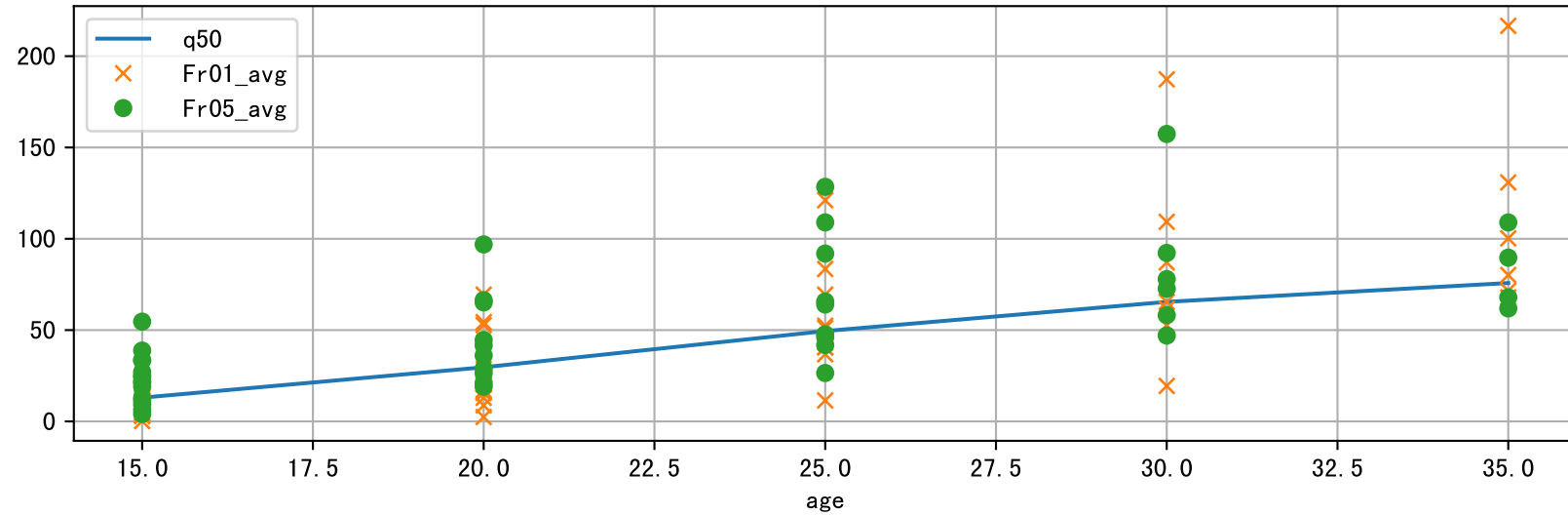
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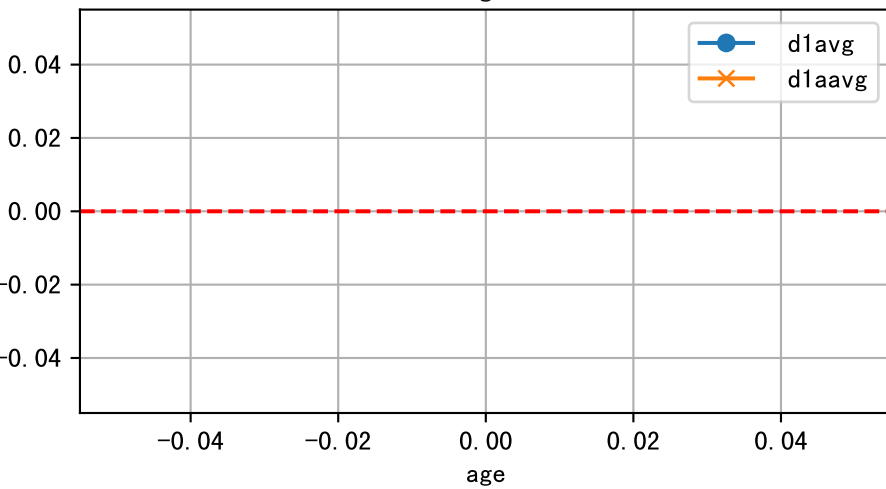
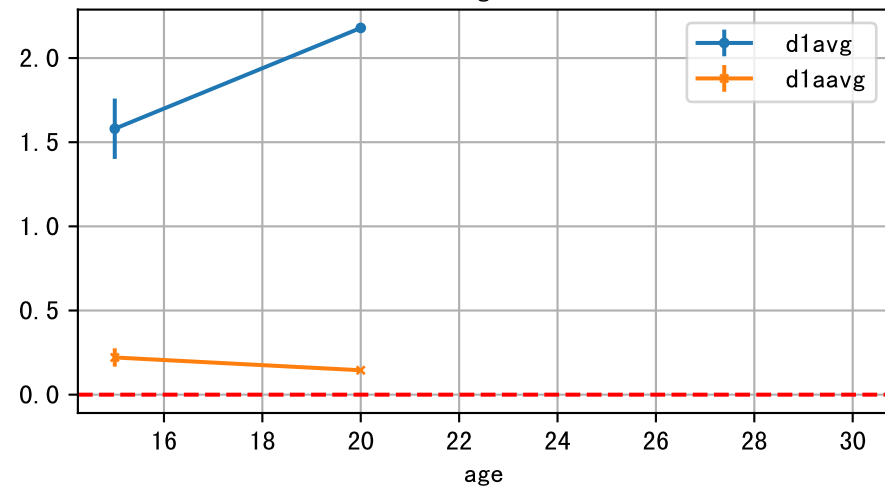
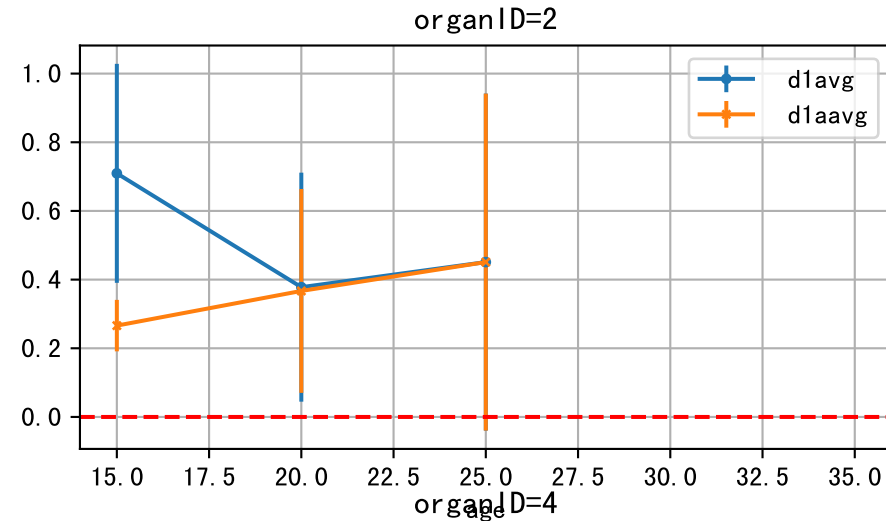
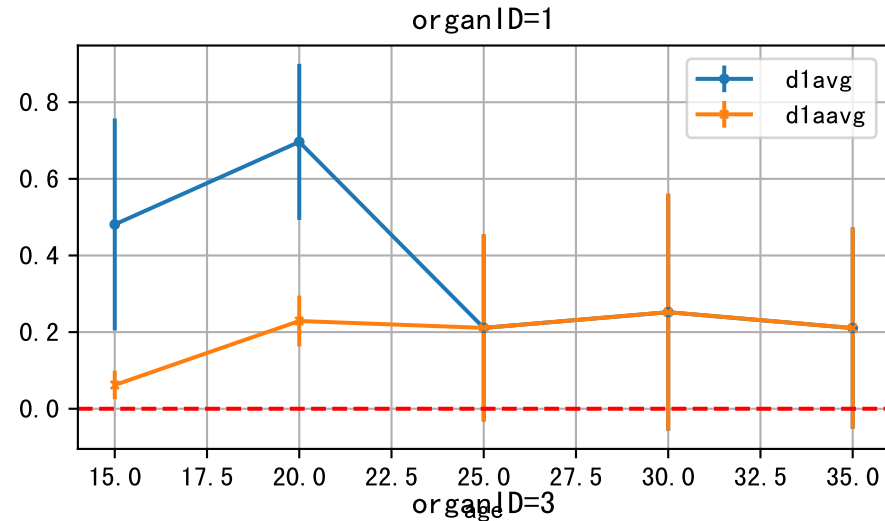


FrV: model Est vs obsFrV at Q90

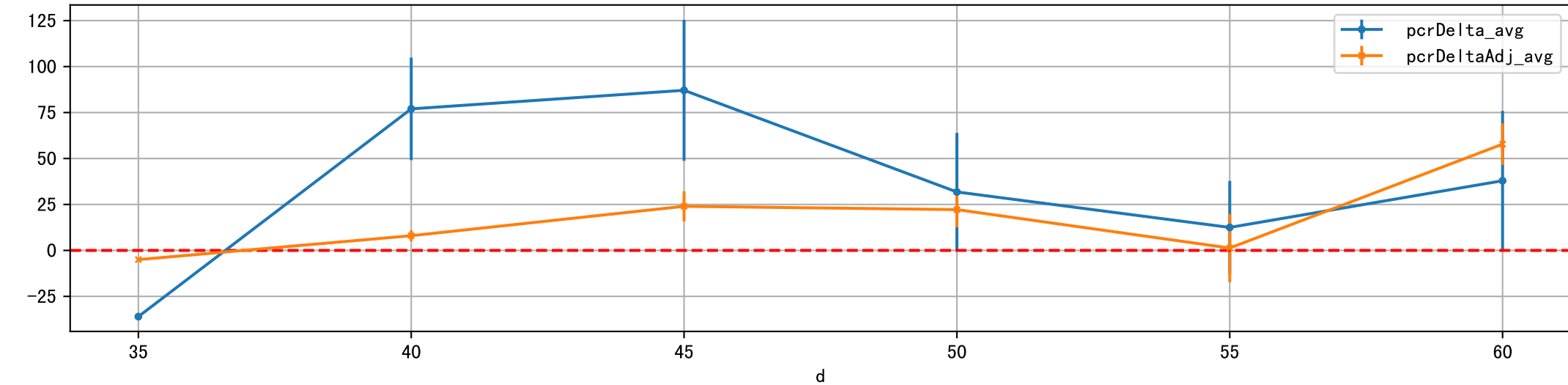


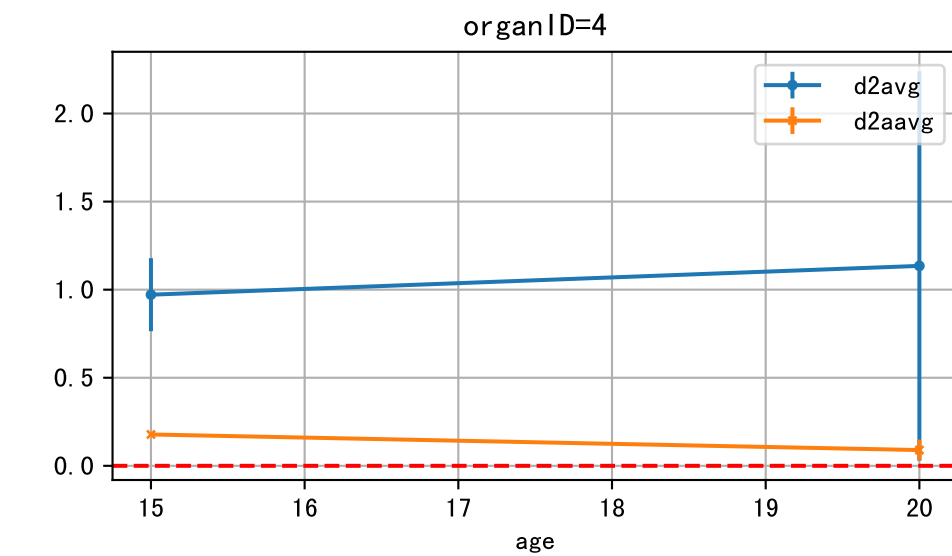
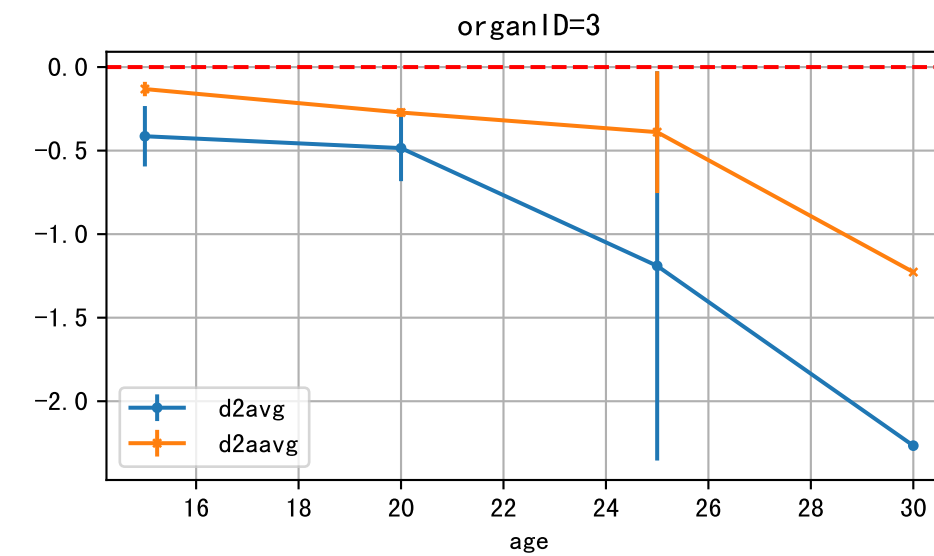
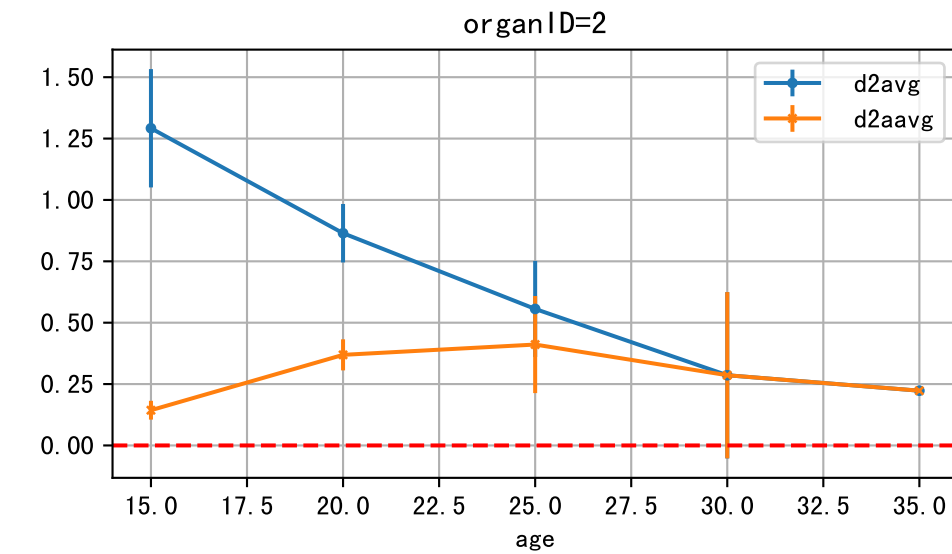
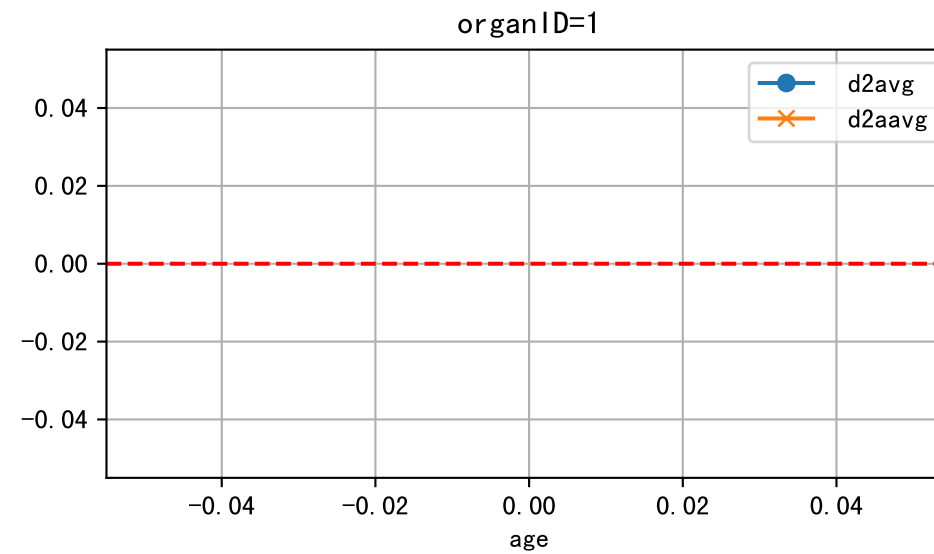
FrV: obsFrV vs obsFrV@Q90





P10AW FrV: D_Fr1_FrV





P10AW FrV: D_Ts_FrV

