

Phenotype Data Analysis Plots

PhenoData day range = 5 – 44

Analysis cutoff day = 44

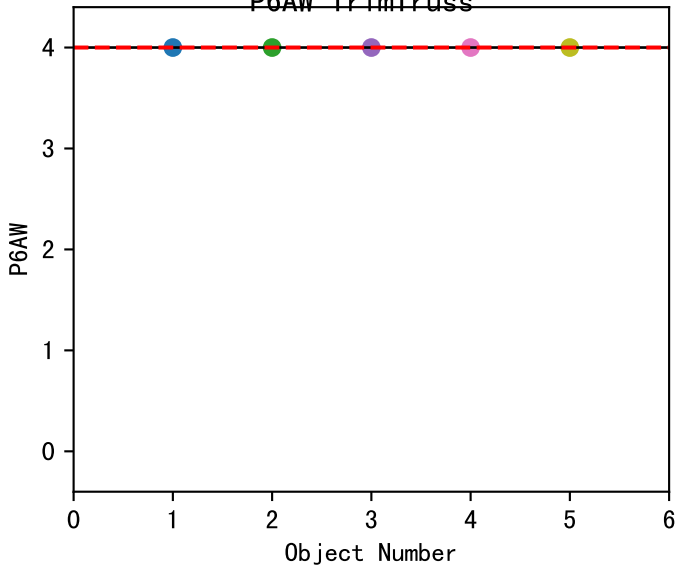
NC11 P6

2025-05-19 (Day 44)

TrussNodeMaxPerStem (Def=4.0 Set=4)

avg1=4.0~0% avg2=na

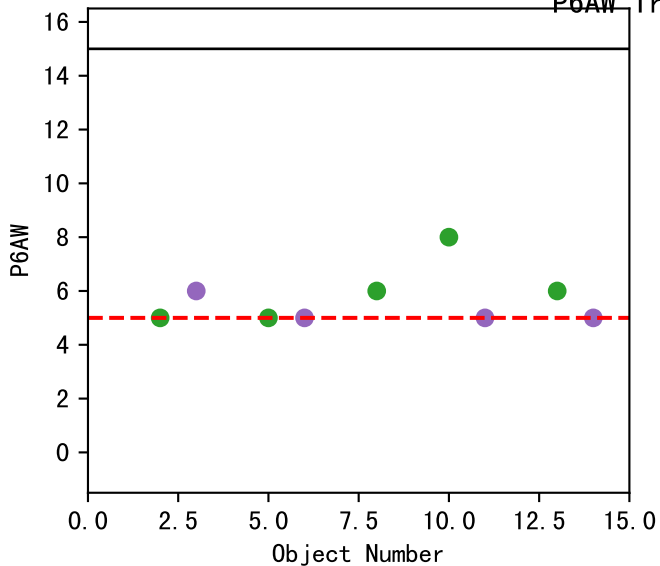
P6AW TrimTruss



FruitNumAvgPerTruss (Def=15 Set=5)

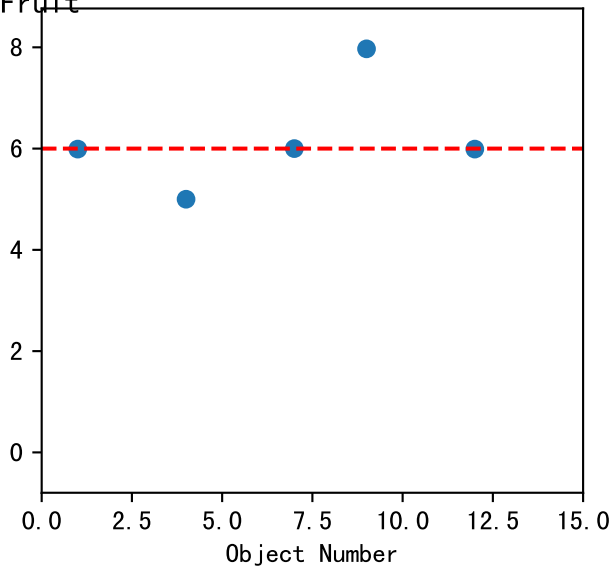
avg1=5.0~10% avg2=na

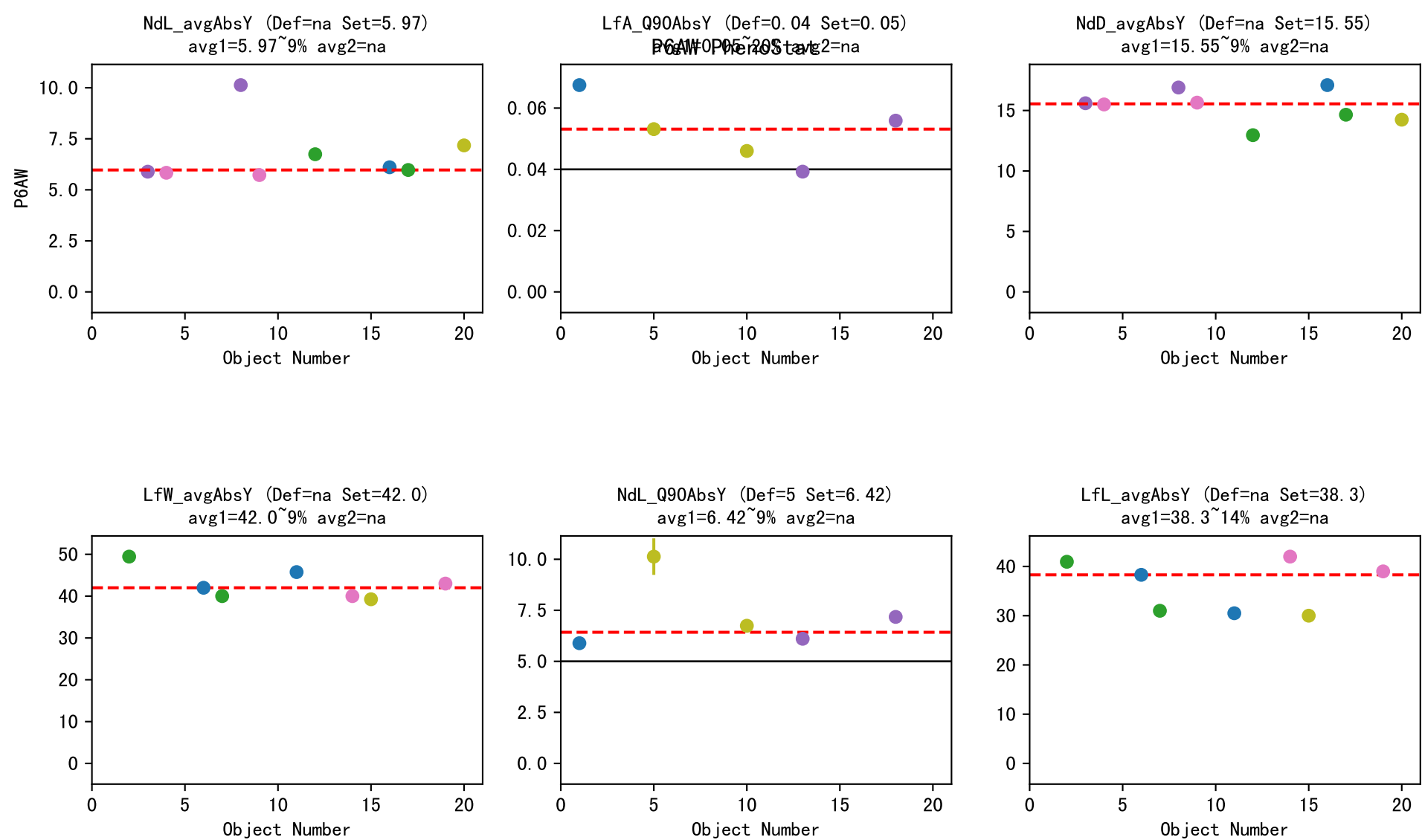
P6AW TrimFruit



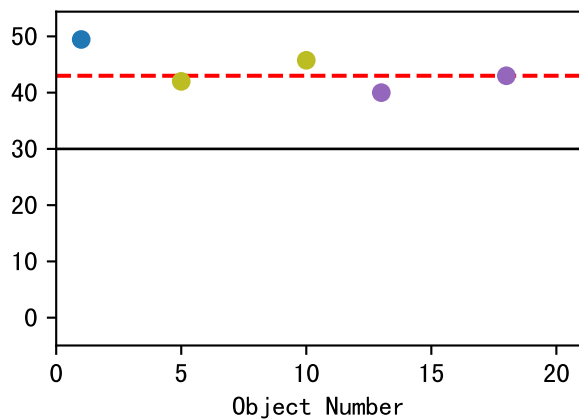
FruitNumMaxPerTruss (Def=na Set=6)

avg1=6.0~0% avg2=na

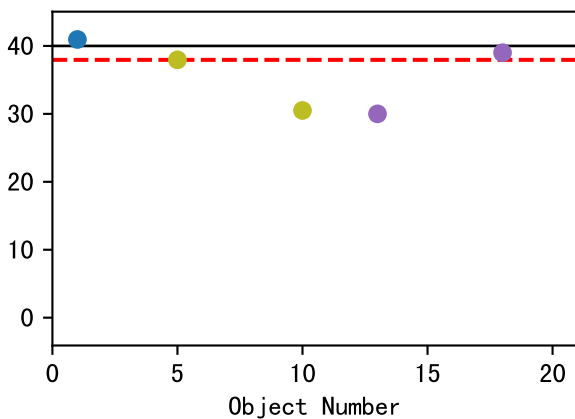




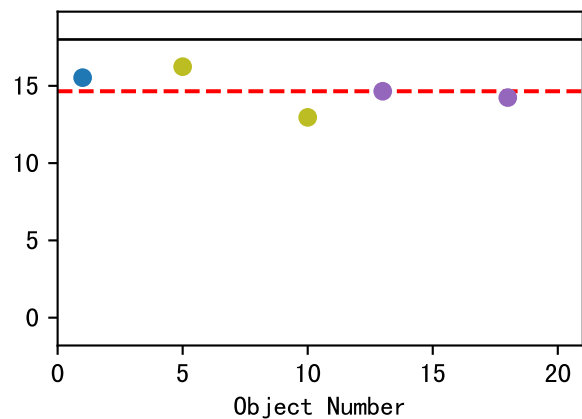
LfW_Q90AbsY (Def=30 Set=43.0)
avg1=43.0~9% avg2=na



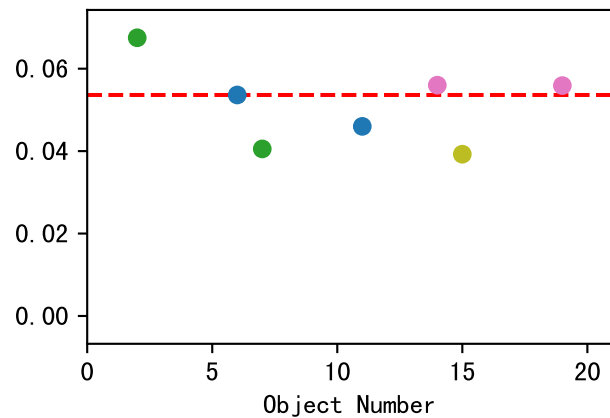
LfL_Q90AbsY (Def=40 Set=37.95)
avg1=37.95~13% avg2=na



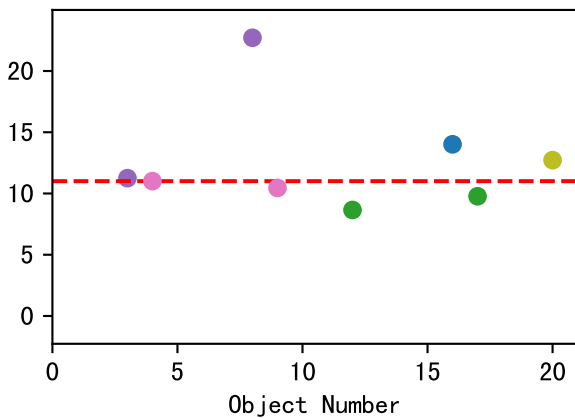
NdD_Q90AbsY (Def=18 Set=14.65)
avg1=14.65~9% avg2=na



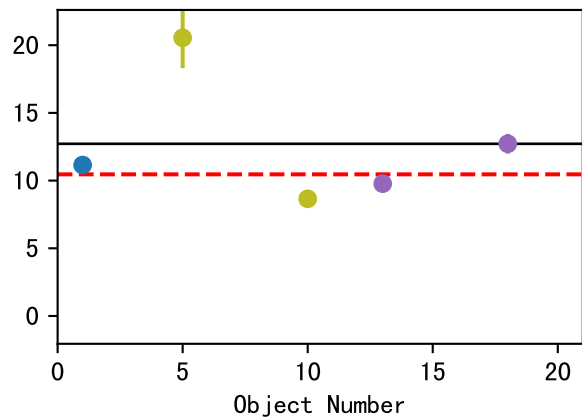
LfA_avgAbsY (Def=na Set=0.05)
avg1=0.05~19% avg2=na



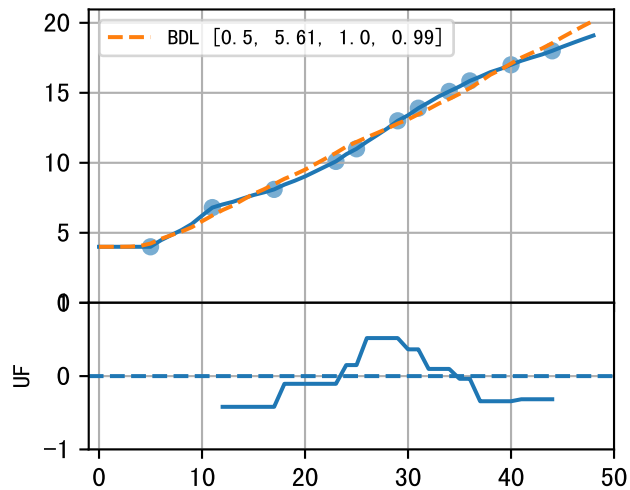
NdV_avgAbsY (Def=na Set=11.01)
avg1=11.01~16% avg2=na



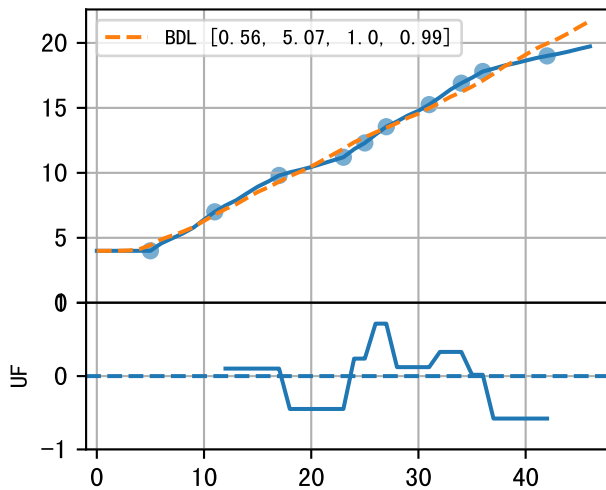
NdV_Q90AbsY (Def=12.72 Set=9.84)
avg1=10.46~17% avg2=na



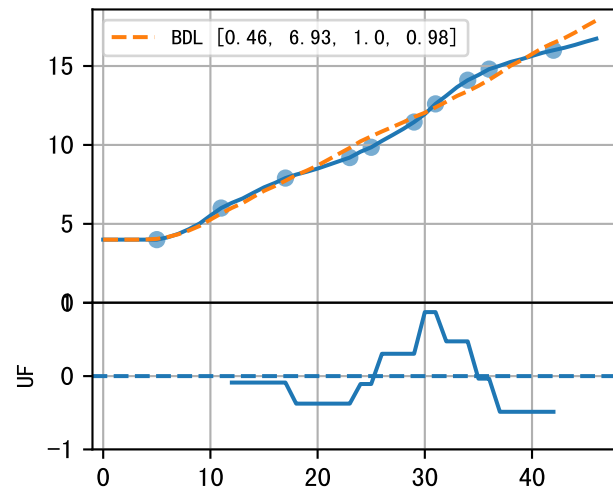
P6AW-058-22 (fit failed)



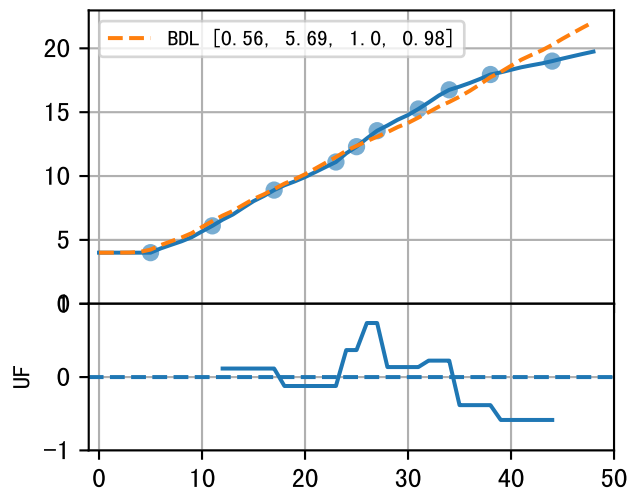
P6AW-074-19 (fit failed)



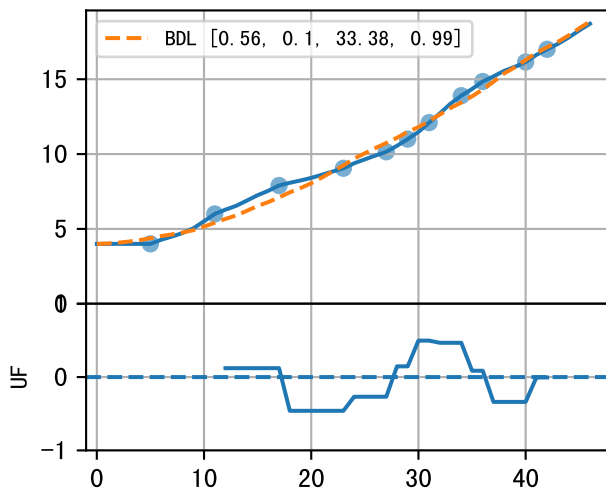
P6AW-087-14 (fit failed)



P6AW-095-29 (fit failed)



P6AW-106-11 (fit failed)

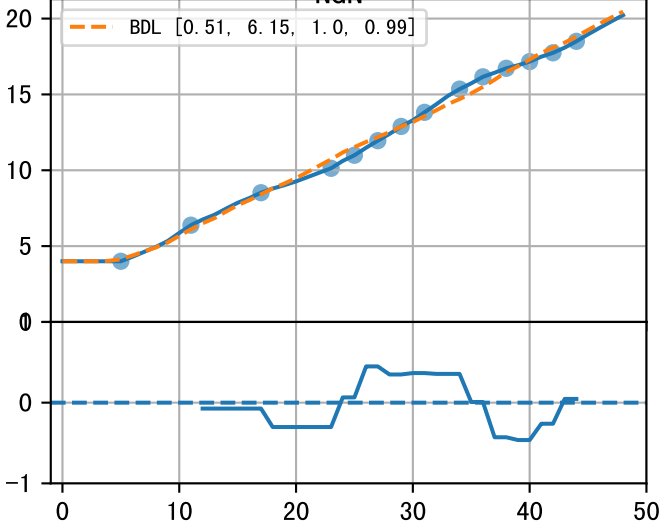


P6AWavg (fit failed)

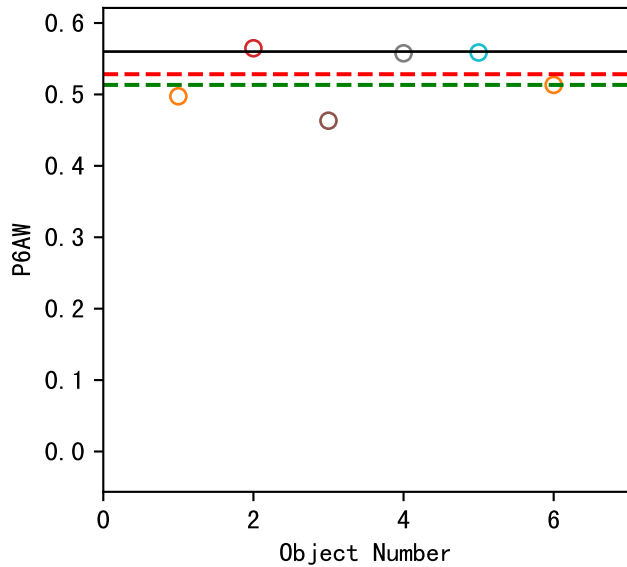
NaN

BDL [0.51, 6.15, 1.0, 0.99]

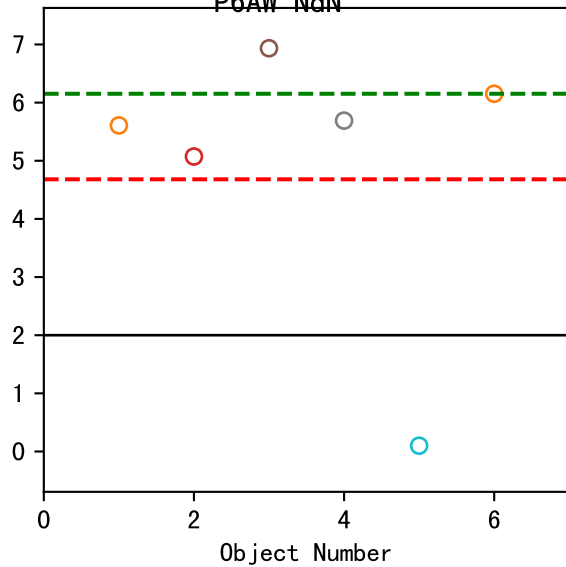
UF



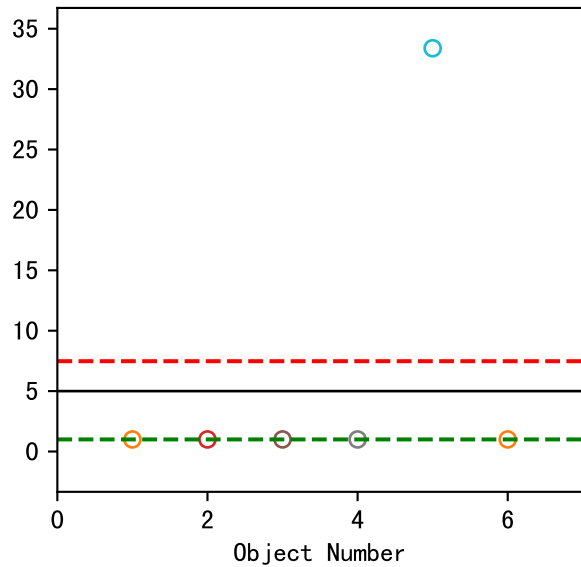
a (Def=0.56 Set=0.51)
avg1=0.53(fail) avg2=0.51



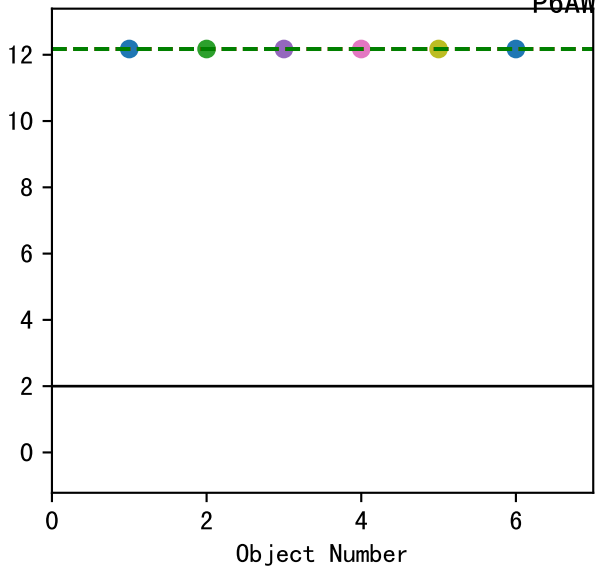
dm (Def=2 Set=6.15)
avg1=4.68(fail) avg2=6.15



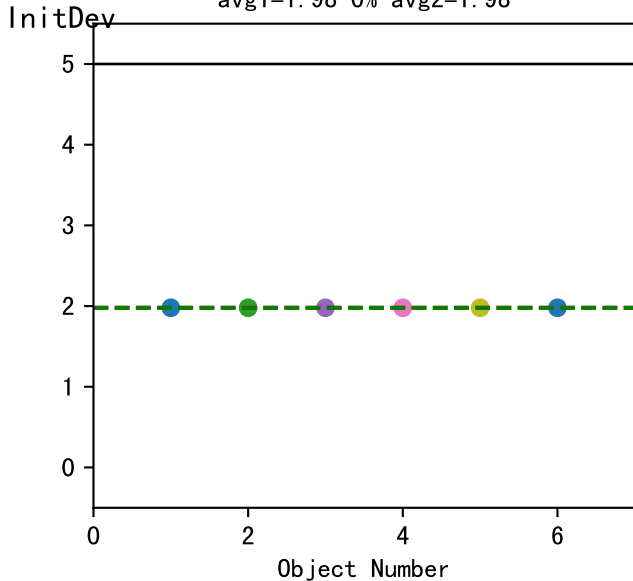
de (Def=5 Set=1.0)
avg1=7.48(fail) avg2=1.0



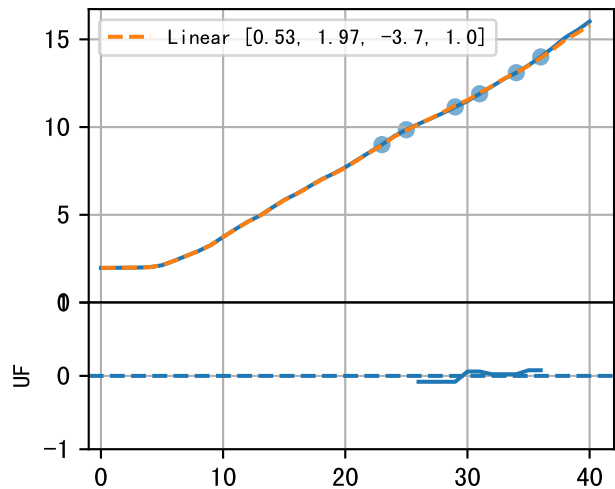
InitDev_dm (Def=2 Set=12.17)
avg1=12.17~0% avg2=12.17



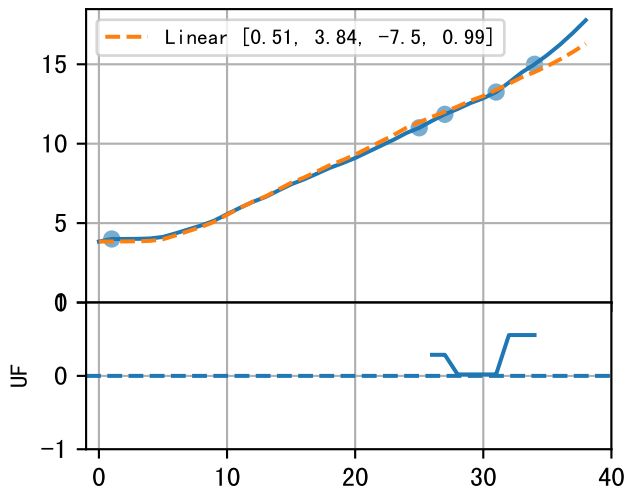
InitDev_de (Def=5 Set=1.98)
avg1=1.98~0% avg2=1.98



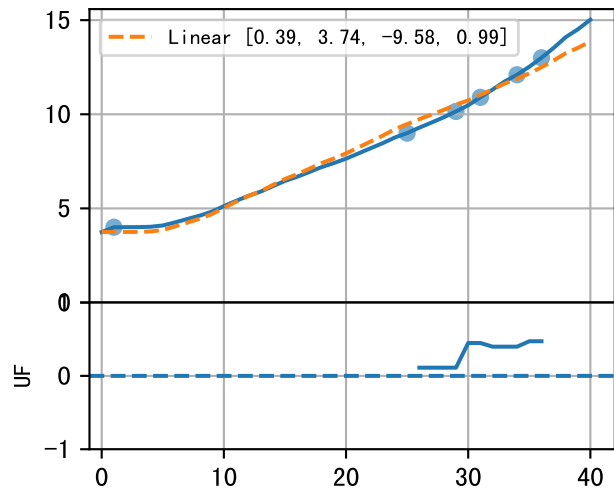
P6AW-058-22



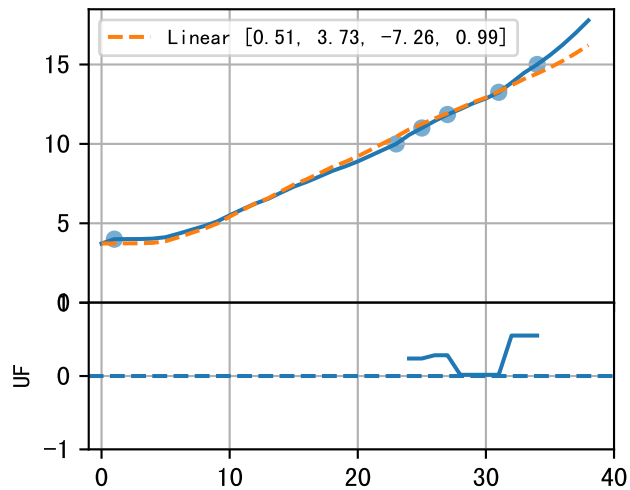
P6AW-074-9



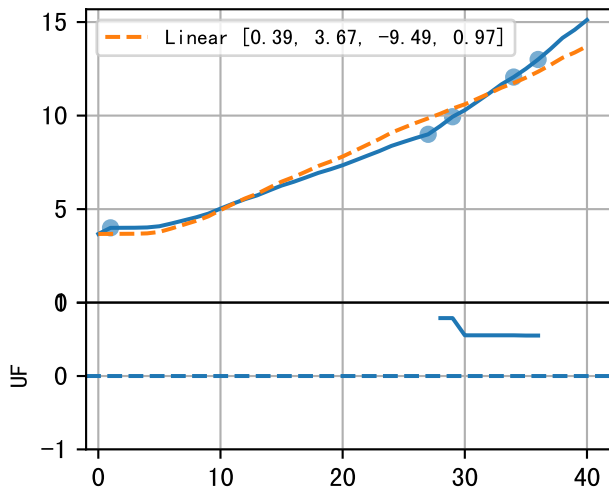
P6AW-087-14



P6AW-095-29



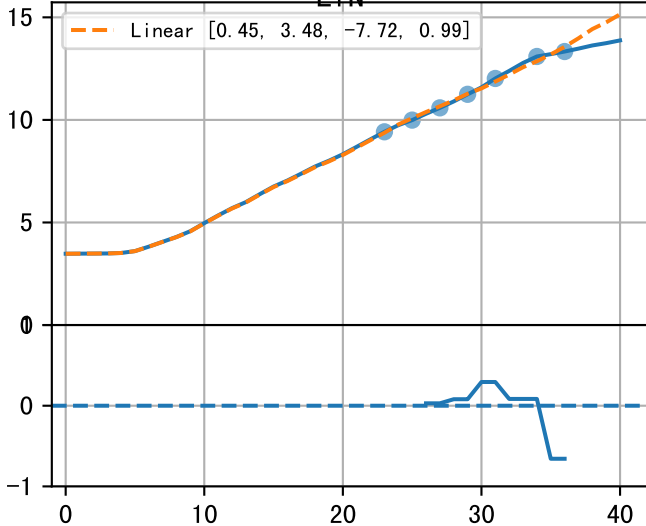
P6AW-106-11



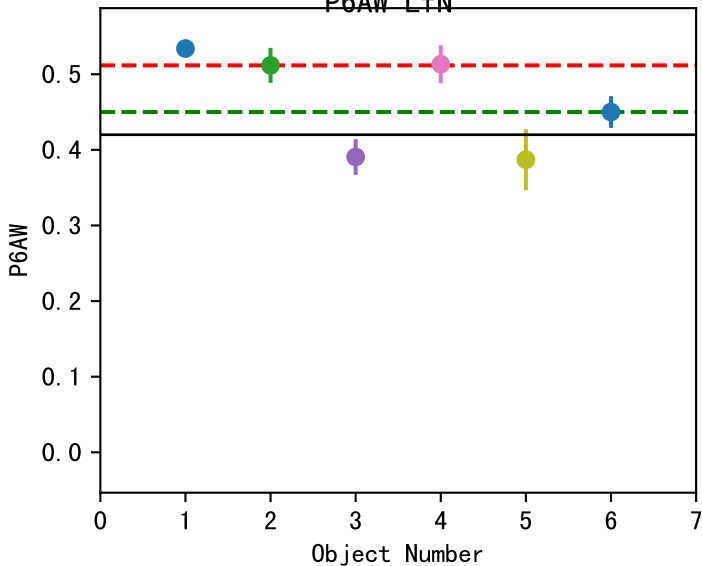
P6AWavg
Lfn

Linear [0.45, 3.48, -7.72, 0.99]

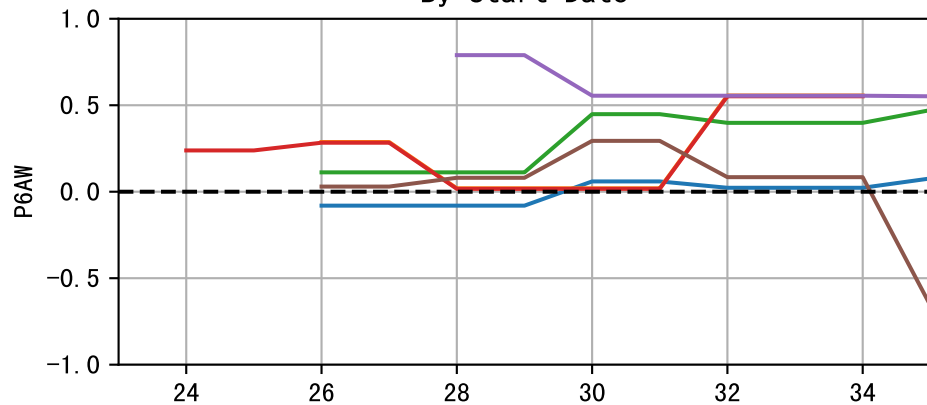
UF



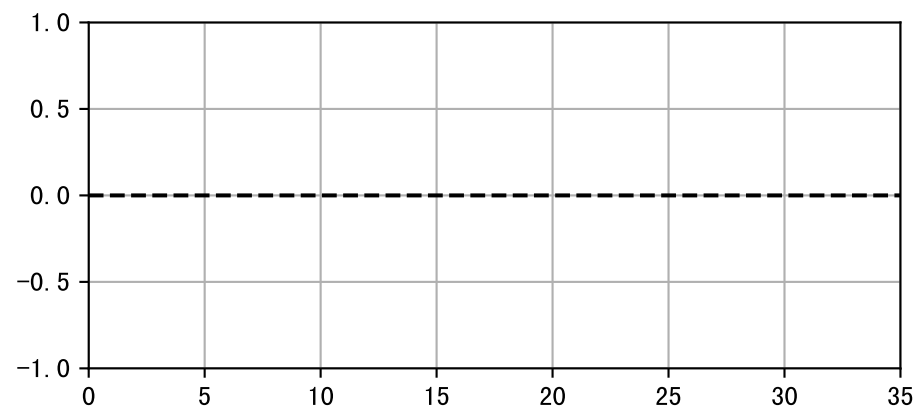
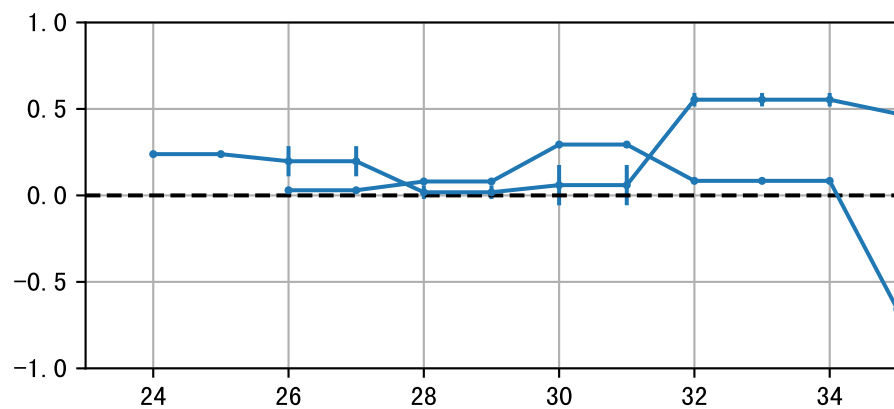
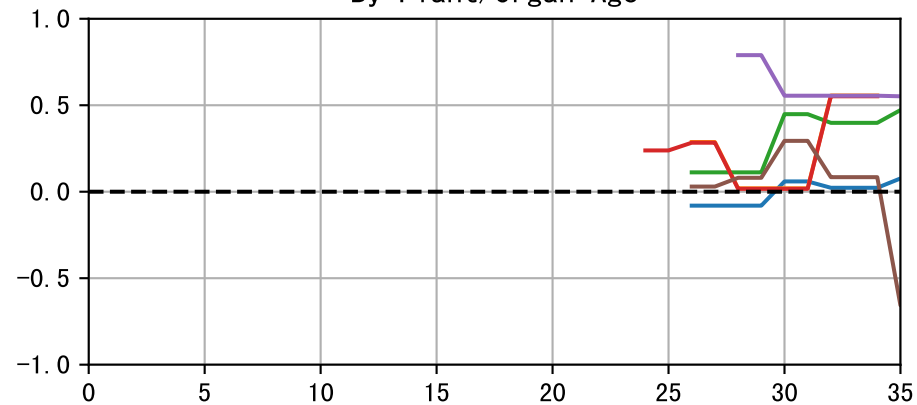
a (Def=0.42 Set=0.45)
avg1=0.51~14% avg2=0.45~10%
P6AW LfN



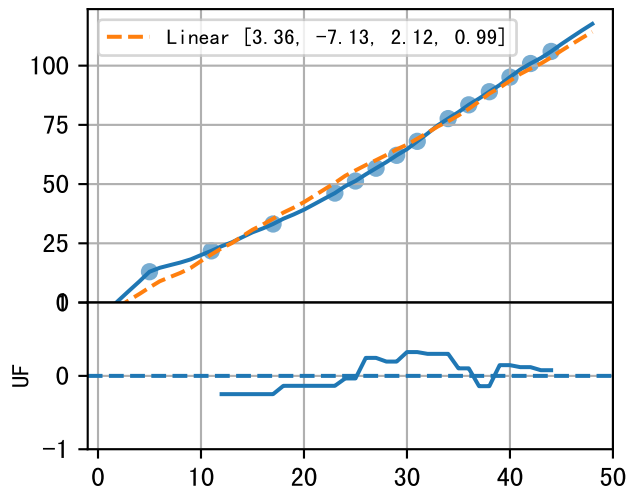
By Start Date



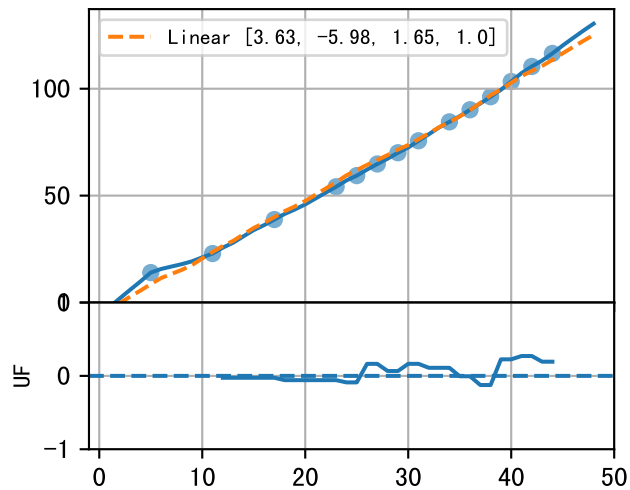
By Plant/Organ Age



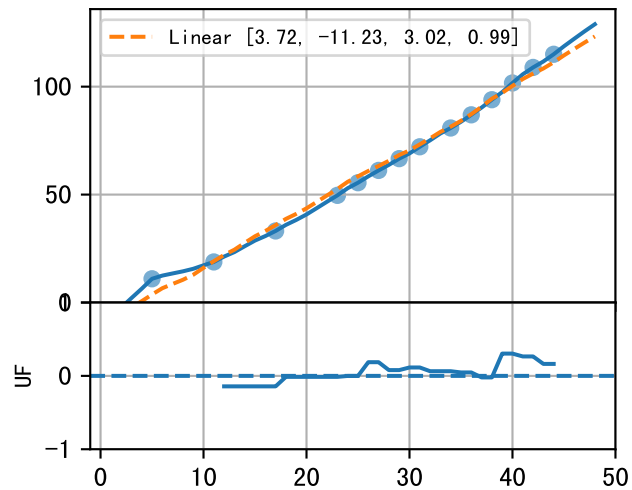
P6AW-058-22



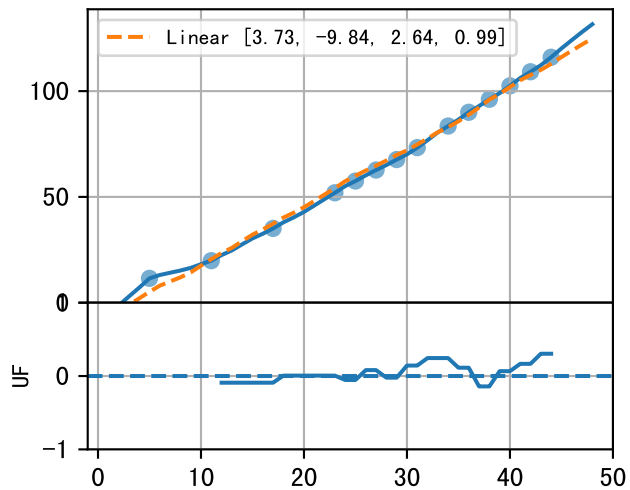
P6AW-074-9



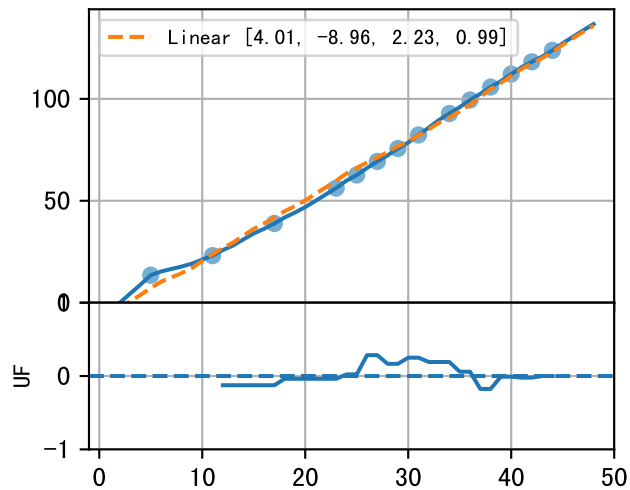
P6AW-087-14



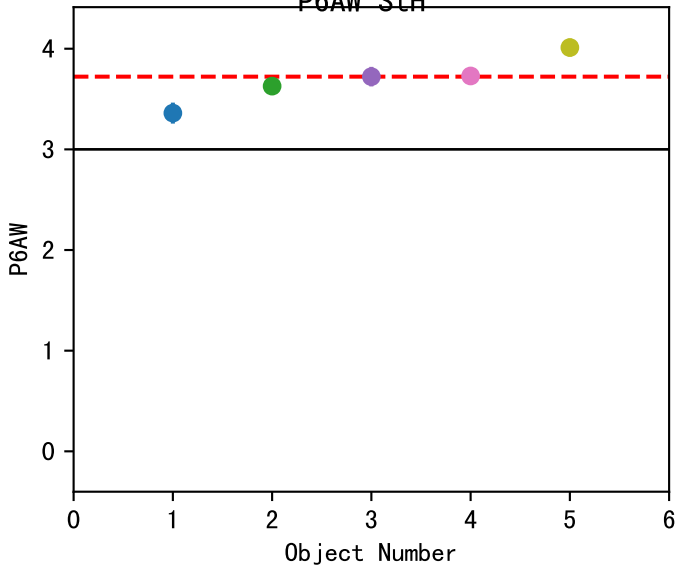
P6AW-095-29



P6AW-106-11

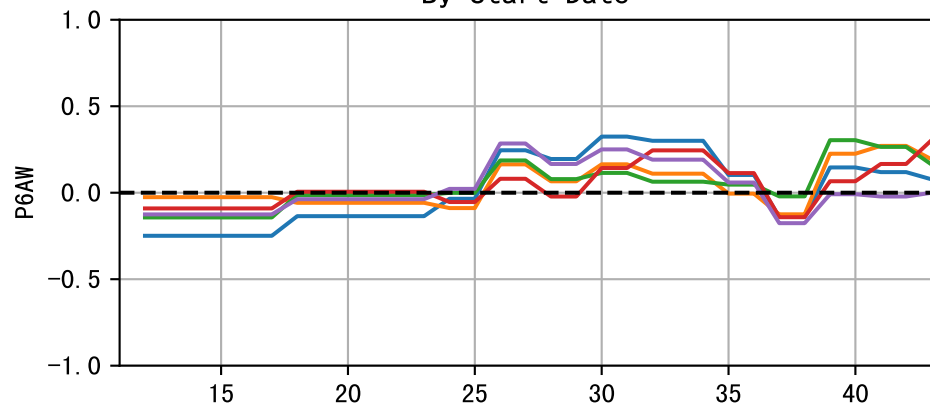


a (Def=3 Set=3.72)
avg1=3.72~2% avg2=na
P6AW StH

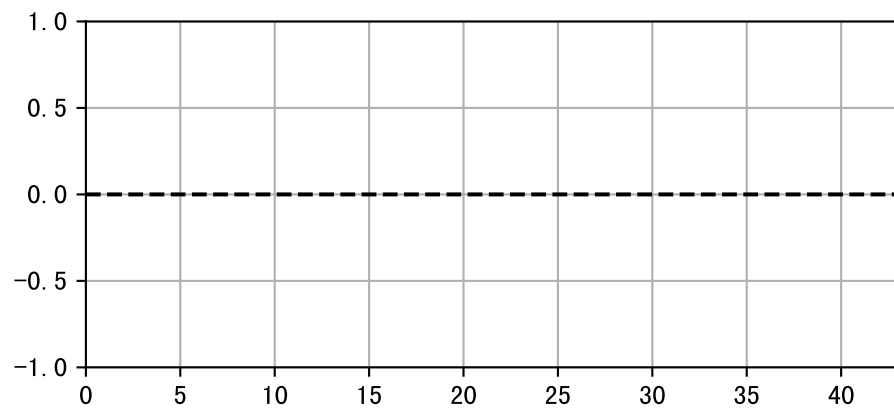
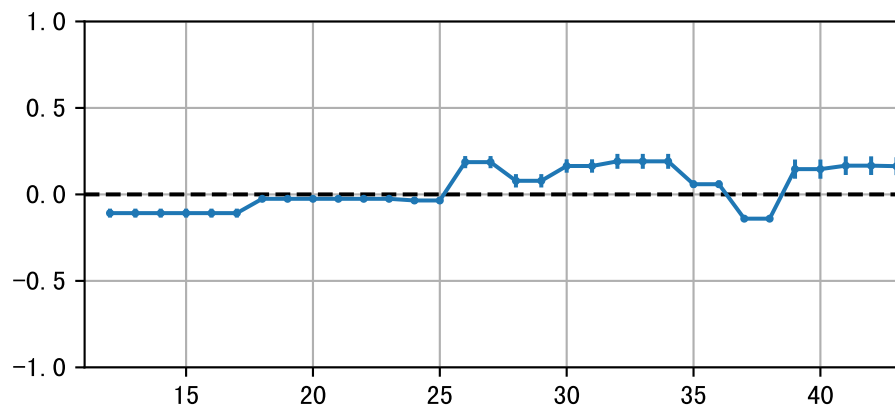
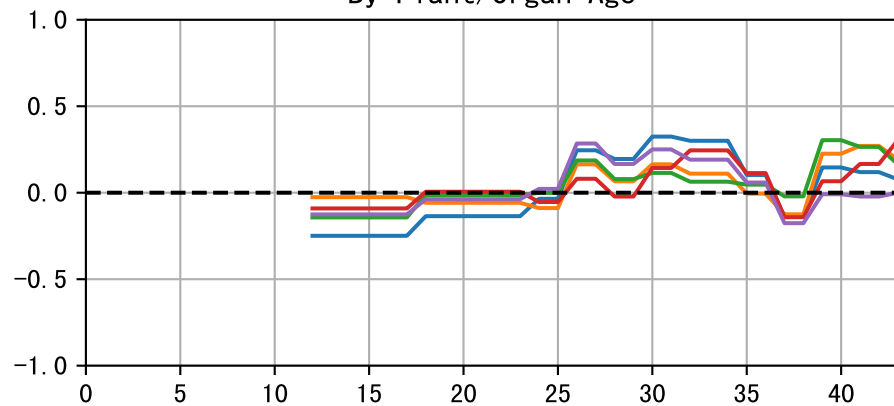


StH

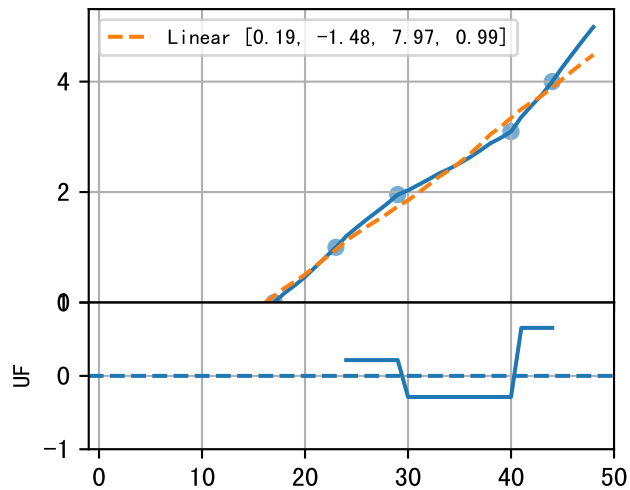
By Start Date



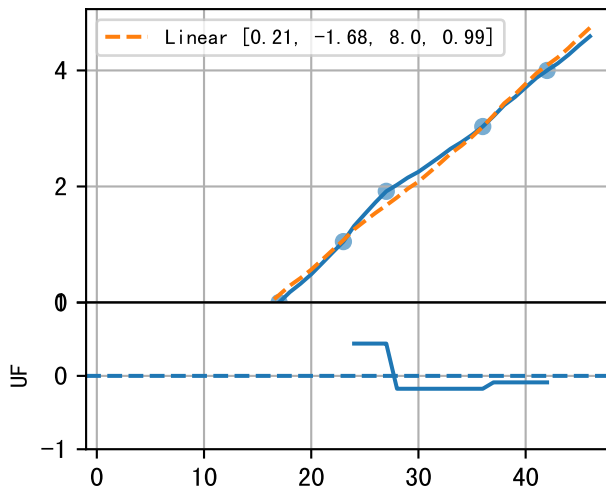
By Plant/Organ Age



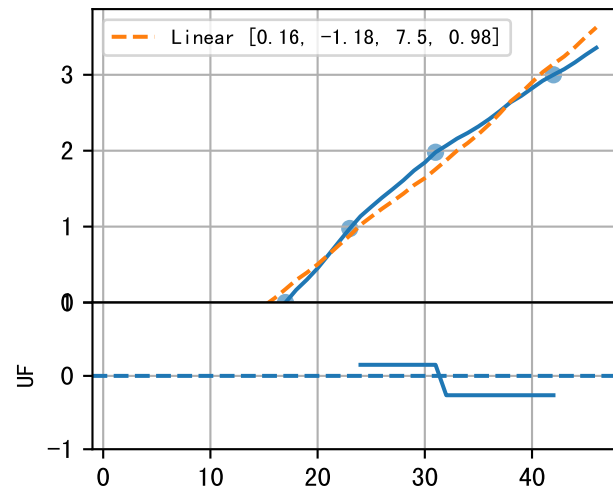
P6AW-058-22



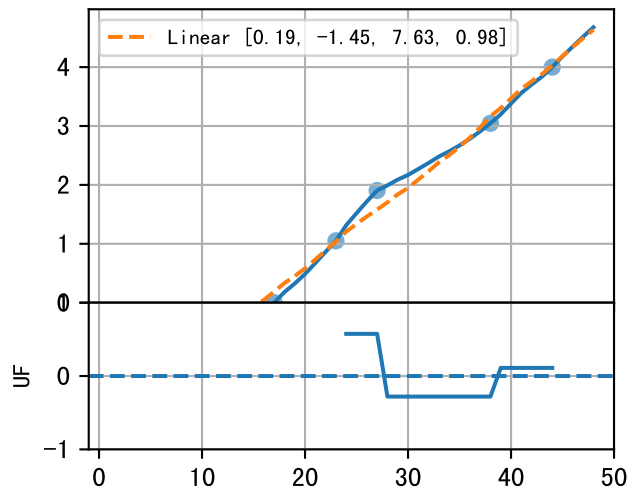
P6AW-074-9



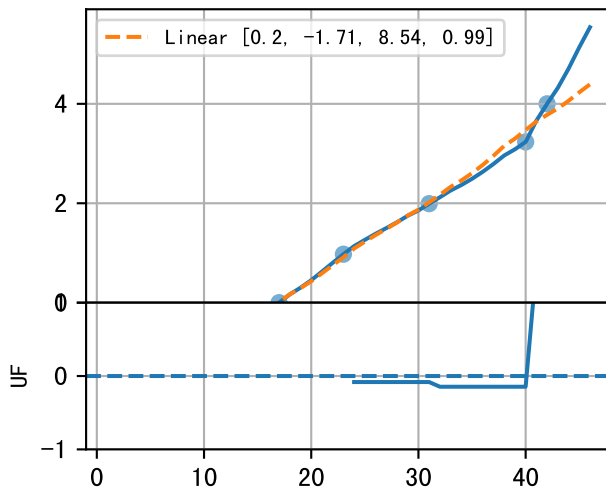
P6AW-087-14



P6AW-095-29



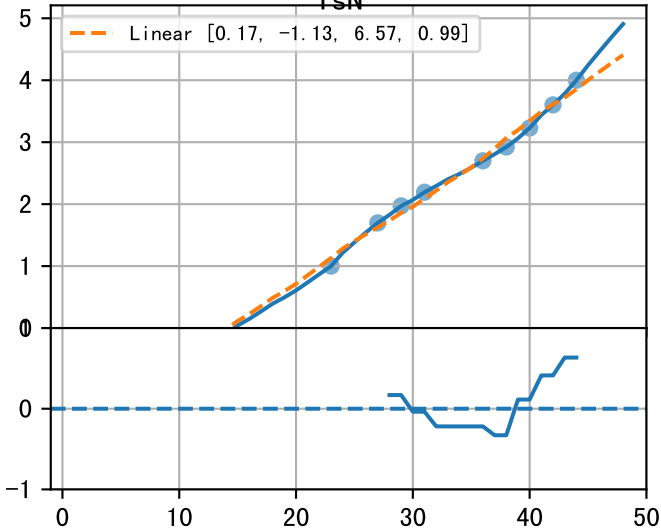
P6AW-106-11



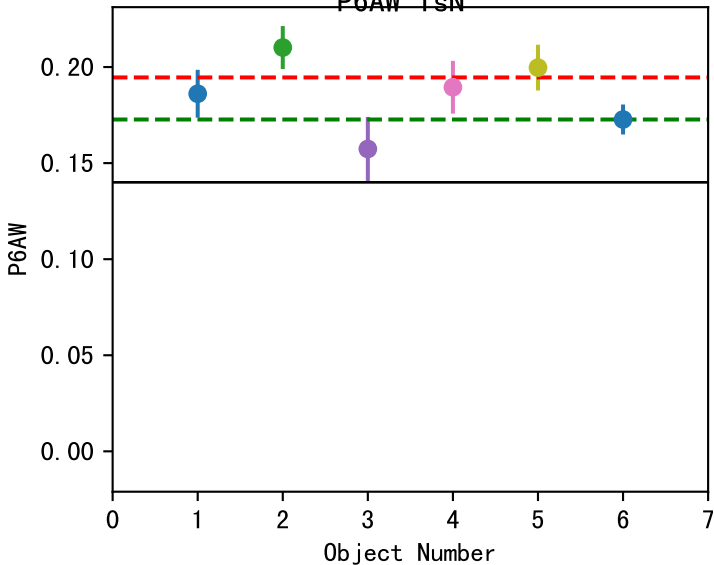
P6AWavg
TSN

Linear [0.17, -1.13, 6.57, 0.99]

UF

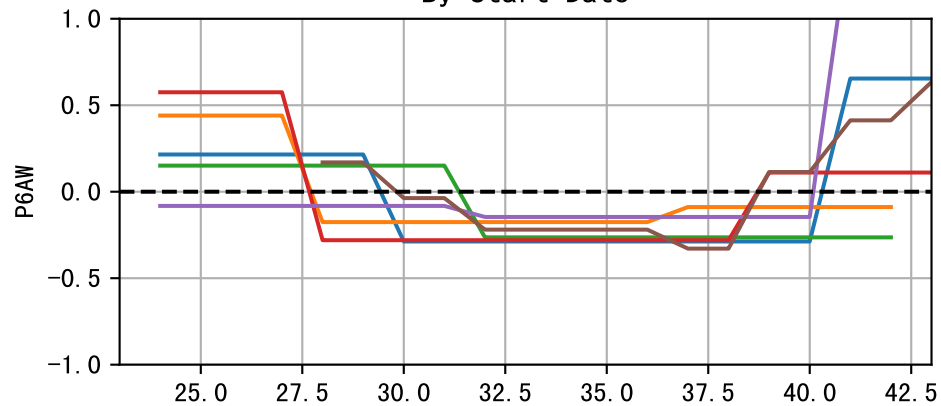


a (Def=0.14 Set=0.17)
avg1=0.19~6% avg2=0.17~10%

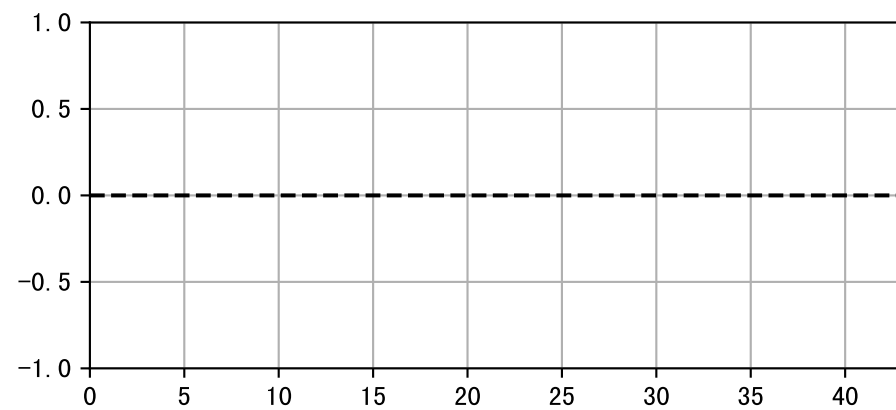
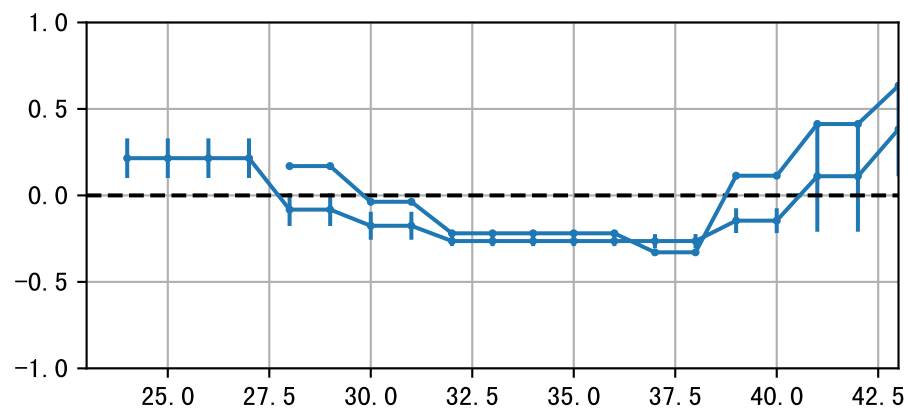
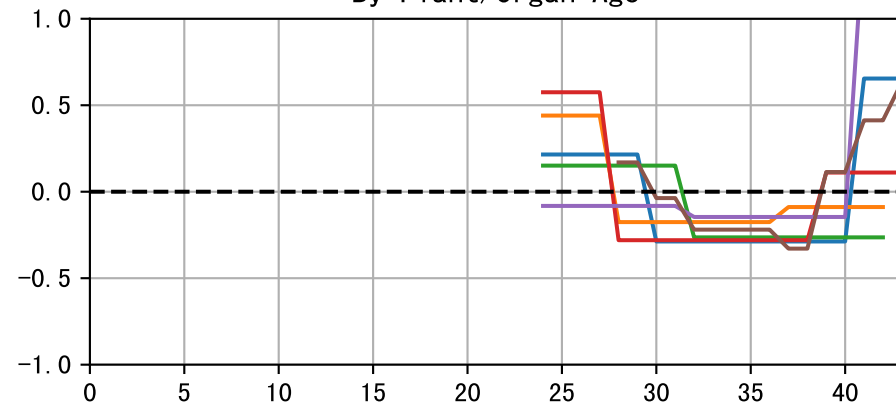


TsN

By Start Date

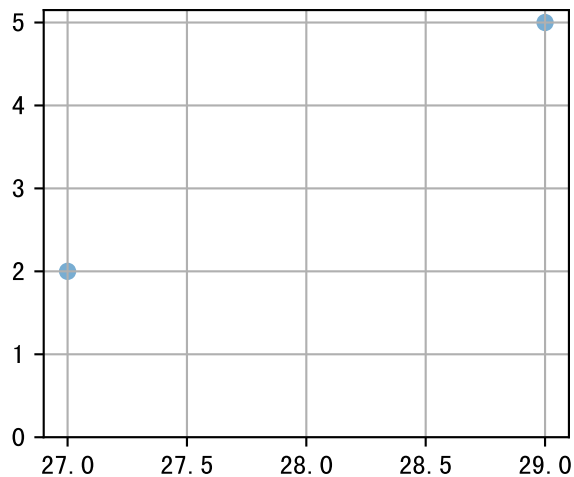


By Plant/Organ Age

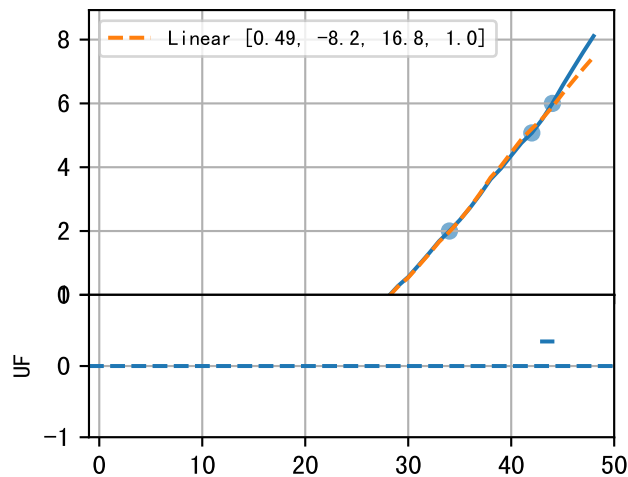


FrN

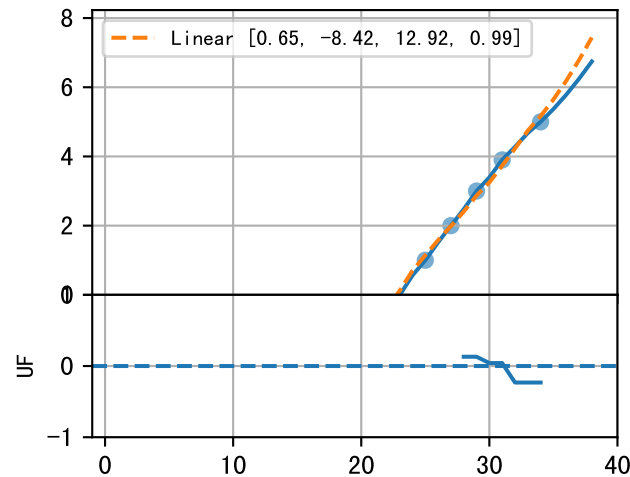
P6AW-058-22T1 (fit failed)



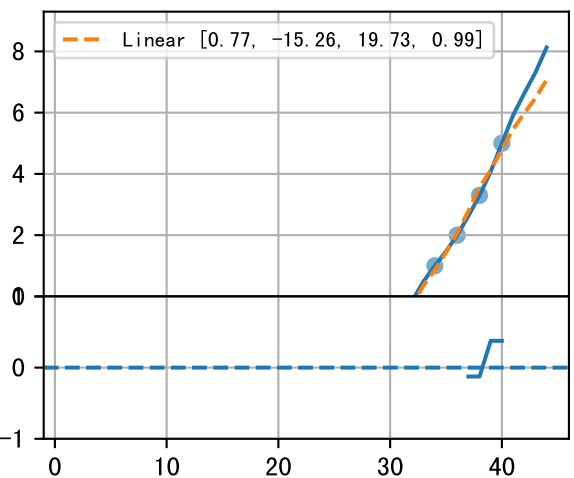
P6AW-058-22T2



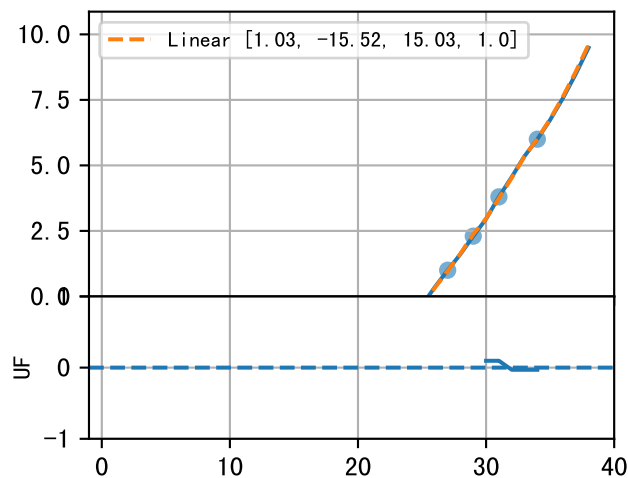
P6AW-074-9T1



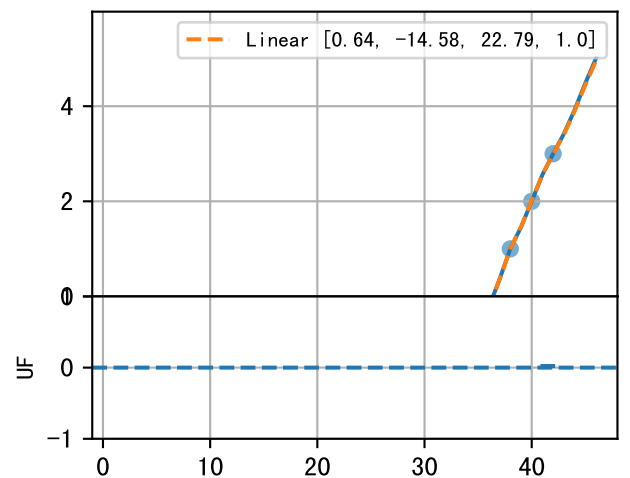
P6AW-074-9T2



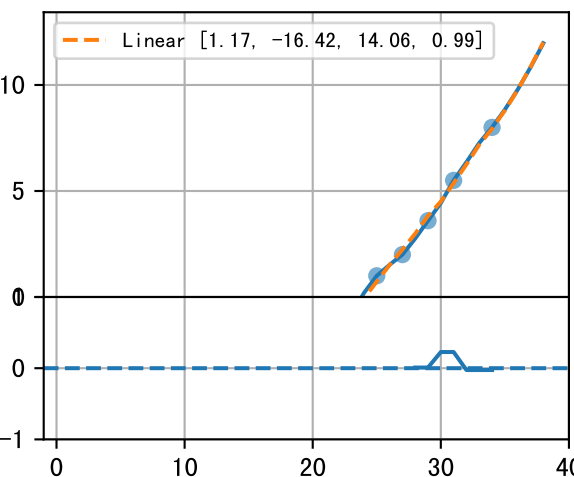
P6AW-087-14T1



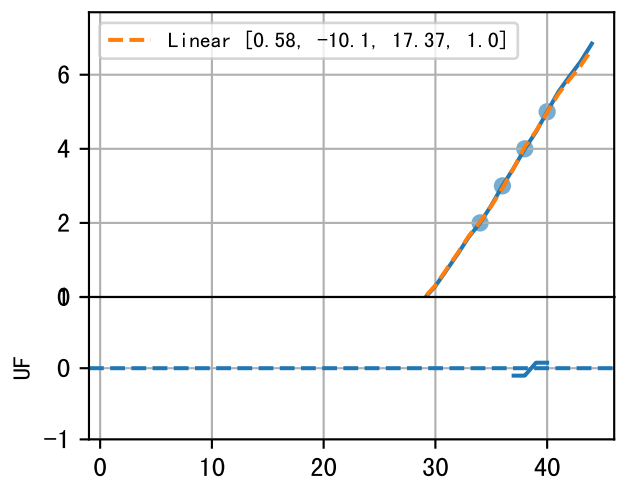
P6AW-087-14T2



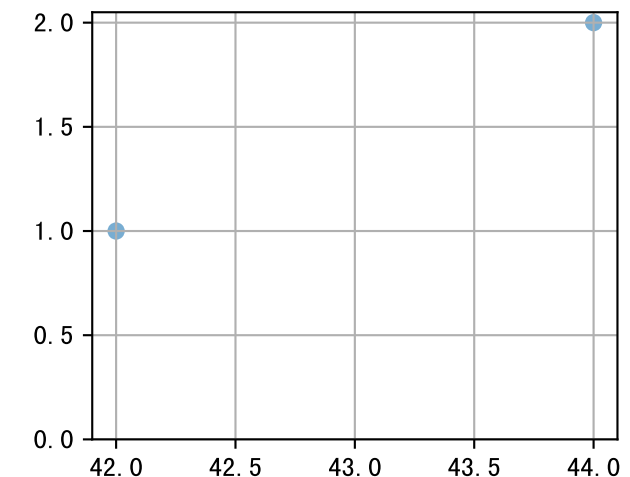
P6AW-095-29T1



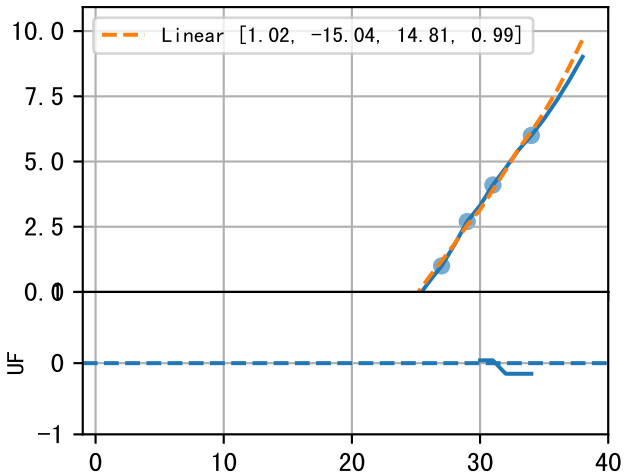
P6AW-095-29T2



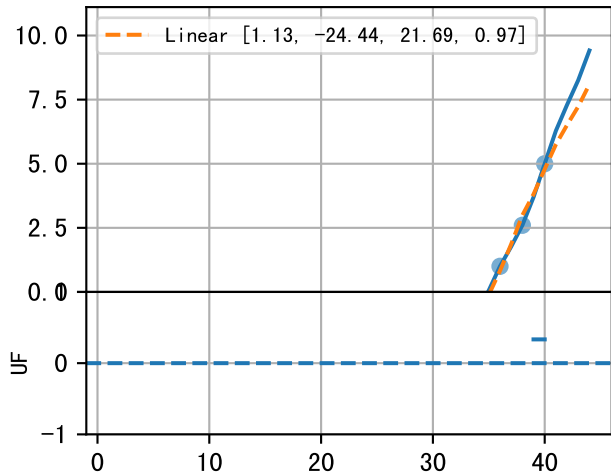
P6AW-095-29T3 (fit failed)



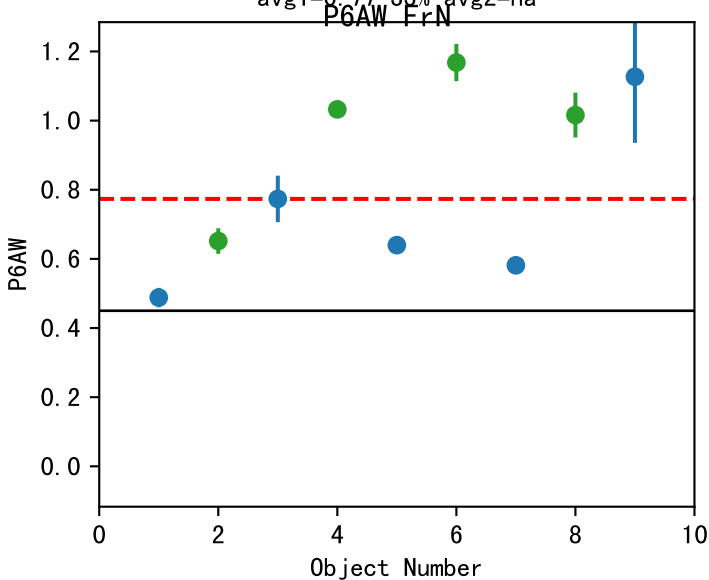
P6AW-106-11T1



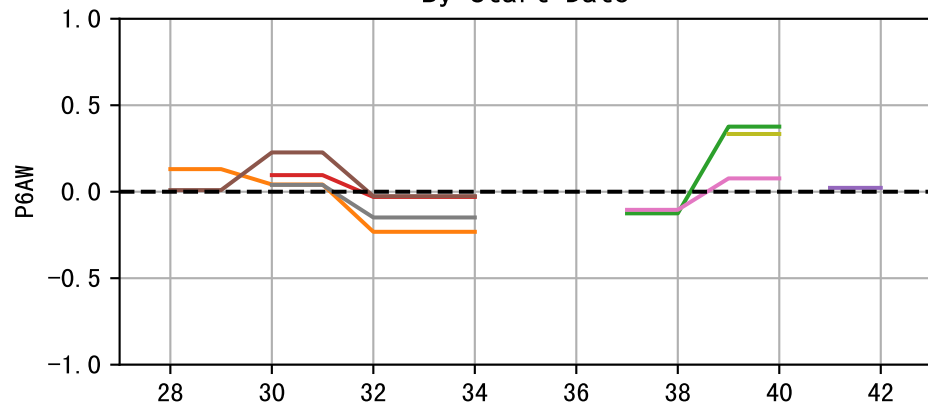
P6AW-106-11T2



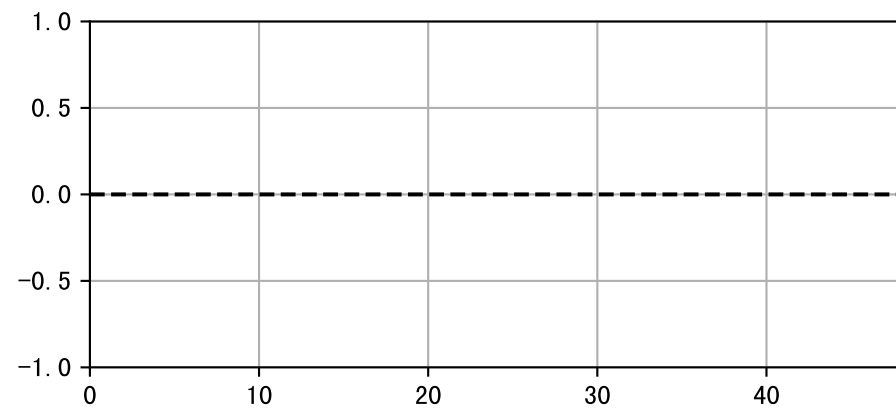
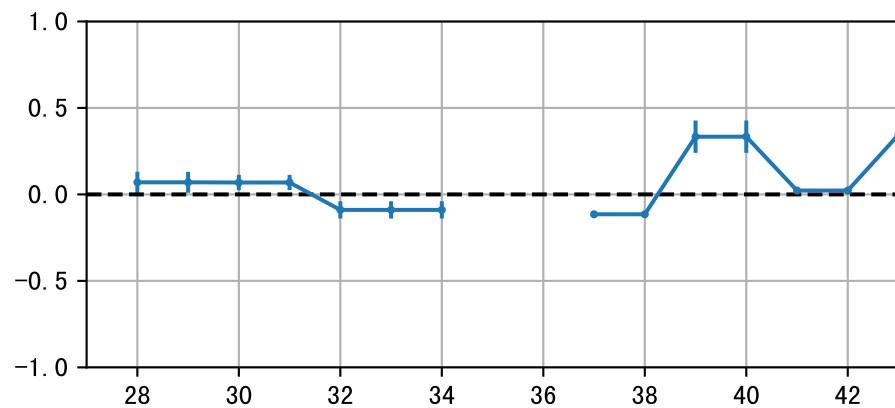
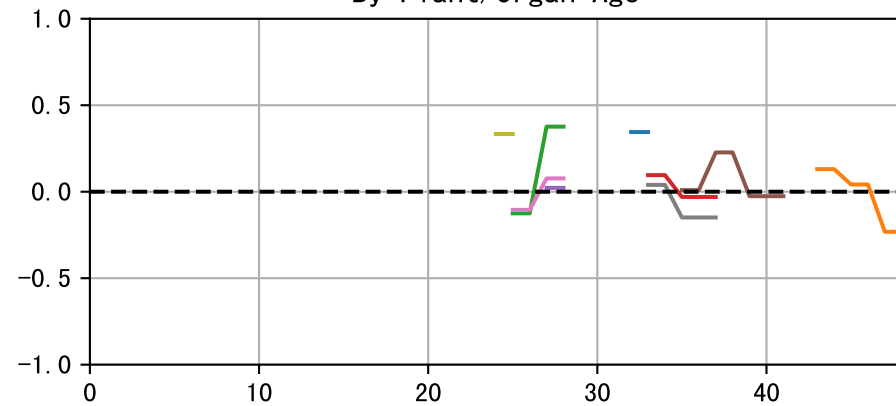
a (Def=0.45 Set=0.77)
avg1=0.77~33% avg2=na



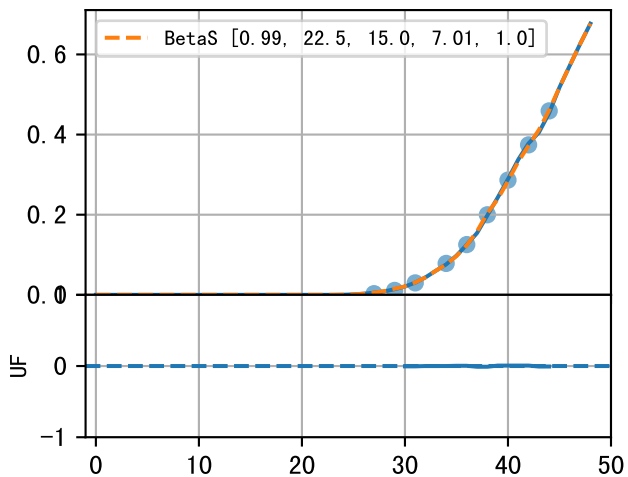
By Start Date



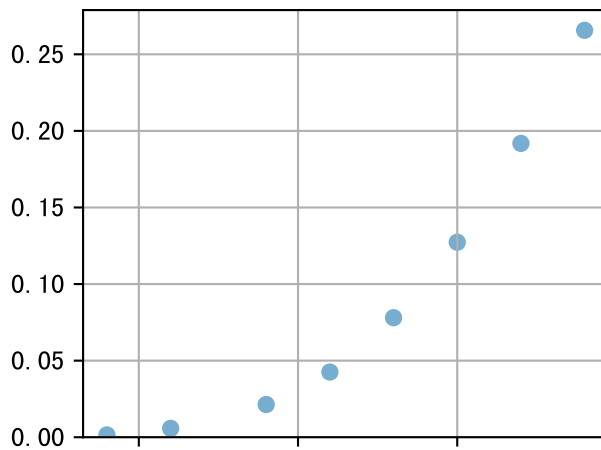
By Plant/Organ Age



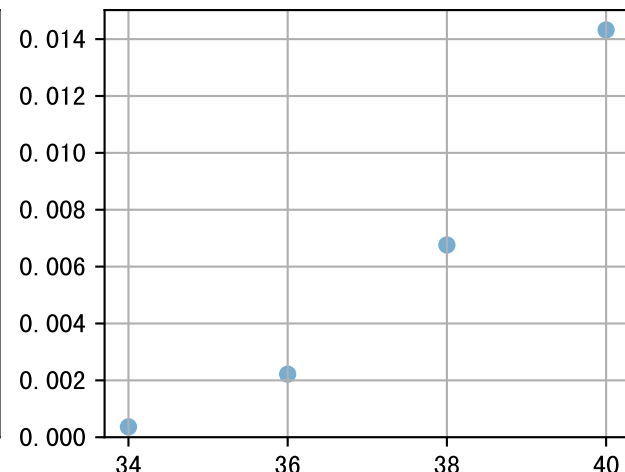
P6AW-058-22T1Fr1



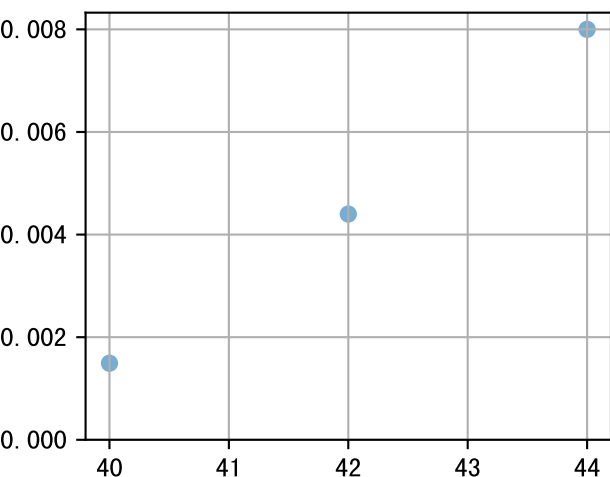
P6AW-058-22T1Fr5 (fit failed)



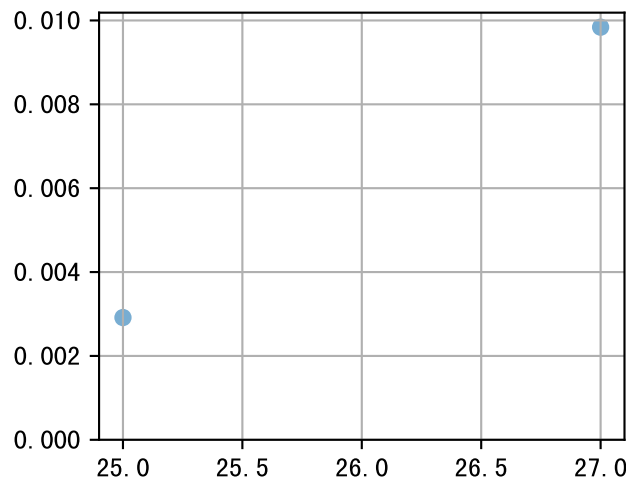
P6AW-058-22T2Fr1 (fit failed)



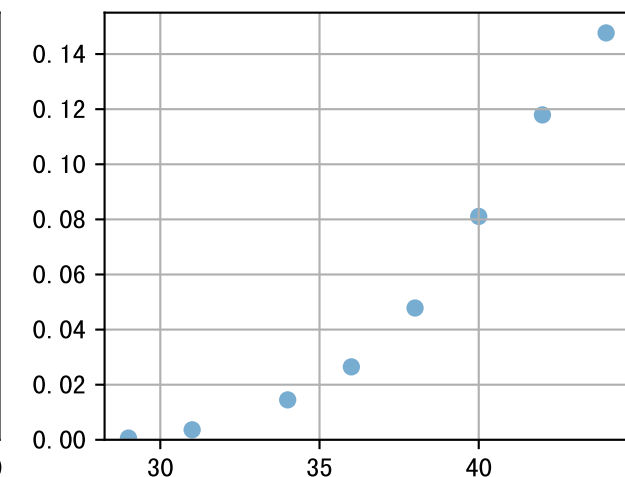
P6AW-058-22T2Fr5 (fit failed)



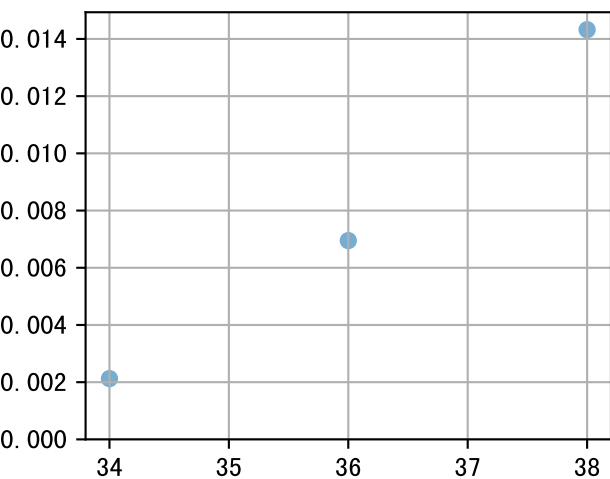
P6AW-074-9T1Fr1 (fit failed)



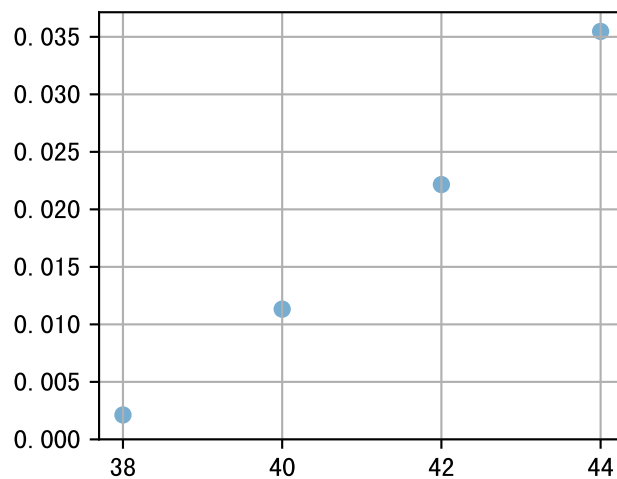
P6AW-074-9T1Fr5 (fit failed)



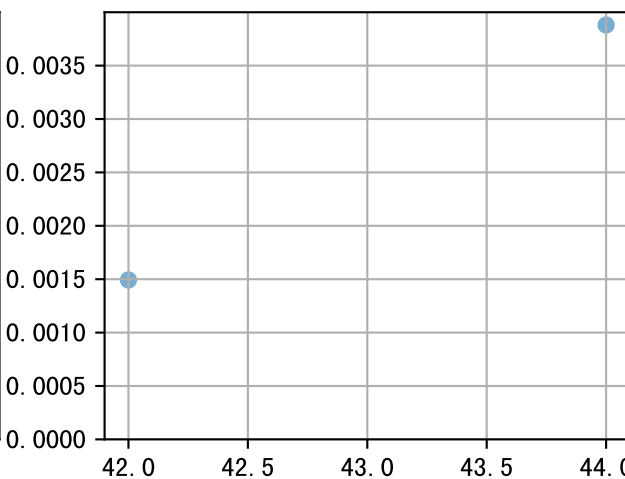
P6AW-074-9T2Fr1 (fit failed)



P6AW-074-9T2Fr5 (fit failed)

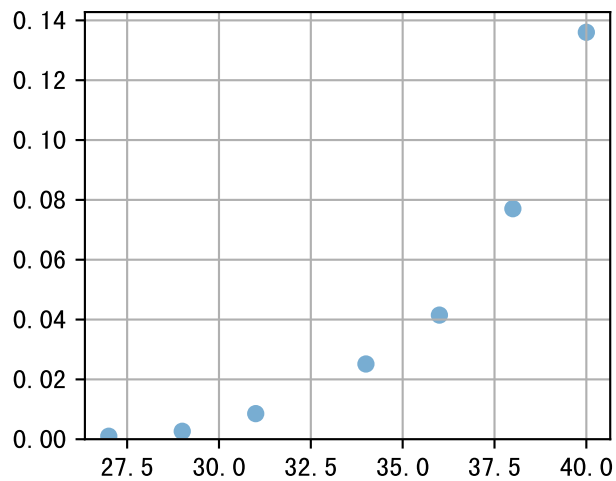


P6AW-074-9T3Fr1 (fit failed)

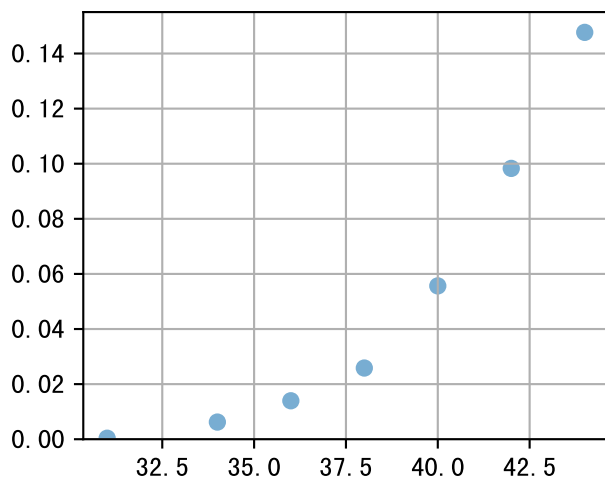


FrV

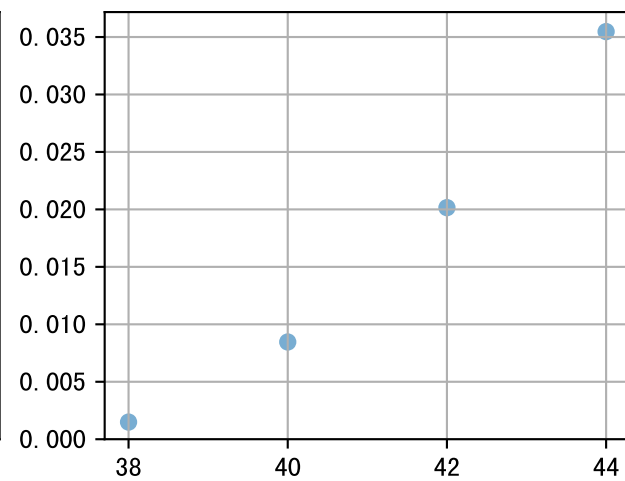
P6AW-087-14T1Fr1 (fit failed)



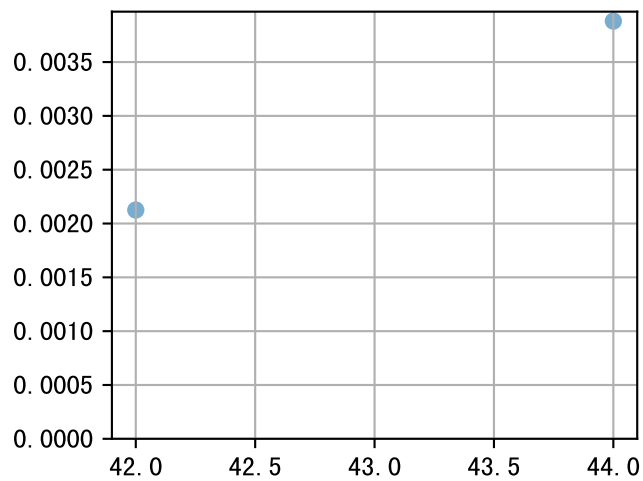
P6AW-087-14T1Fr5 (fit failed)



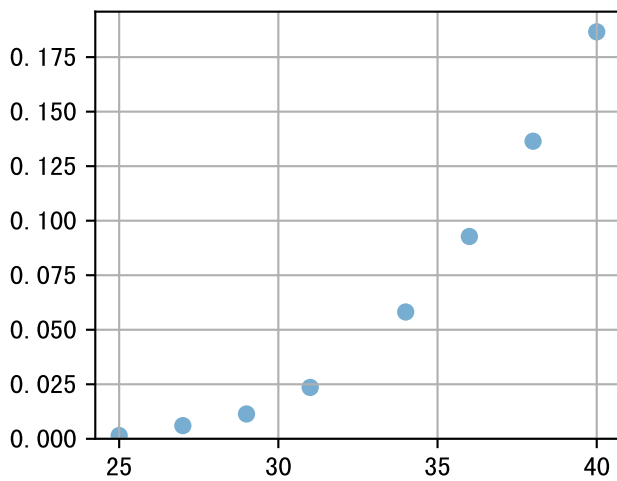
P6AW-087-14T2Fr1 (fit failed)



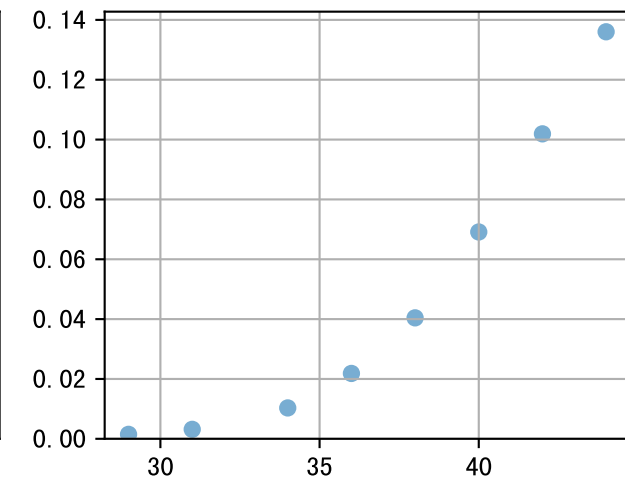
P6AW-087-14T2Fr5 (fit failed)



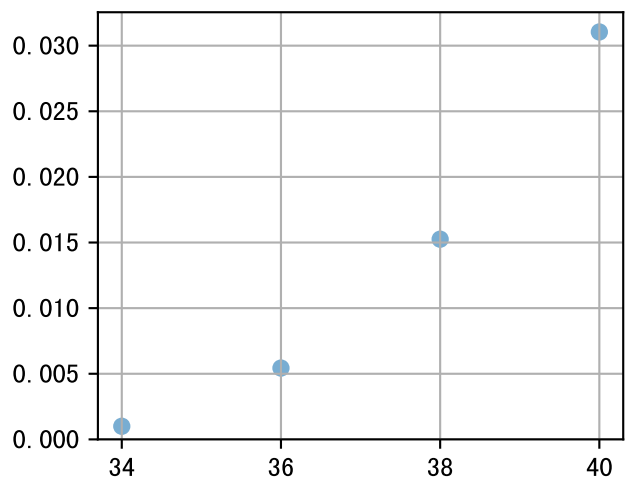
P6AW-095-29T1Fr1 (fit failed)



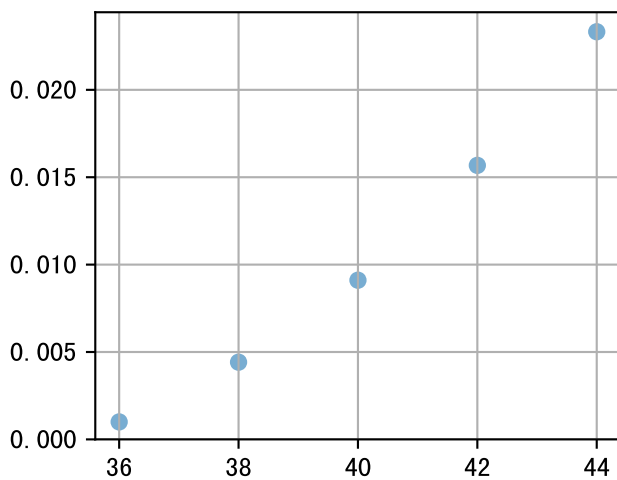
P6AW-095-29T1Fr5 (fit failed)



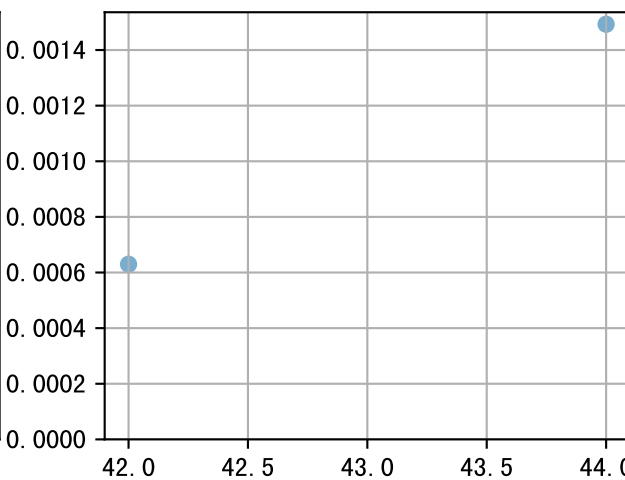
P6AW-095-29T2Fr1 (fit failed)



P6AW-095-29T2Fr5 (fit failed)

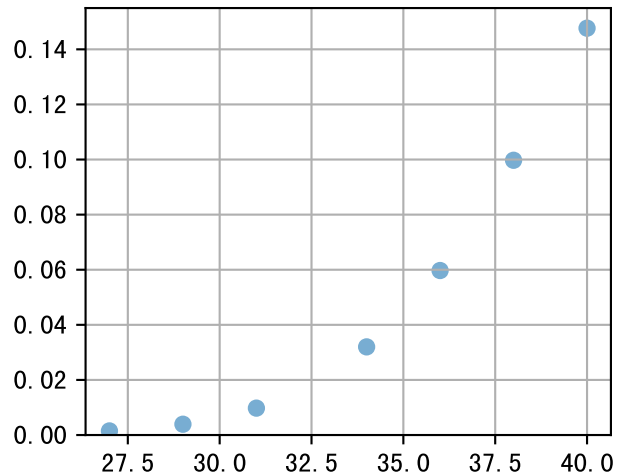


P6AW-095-29T3Fr1 (fit failed)

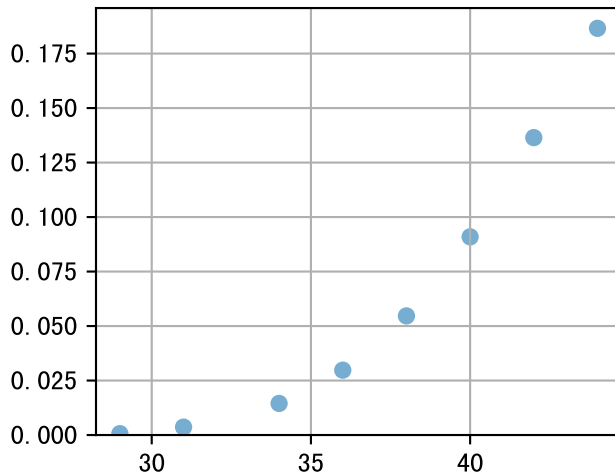


Fr_Y

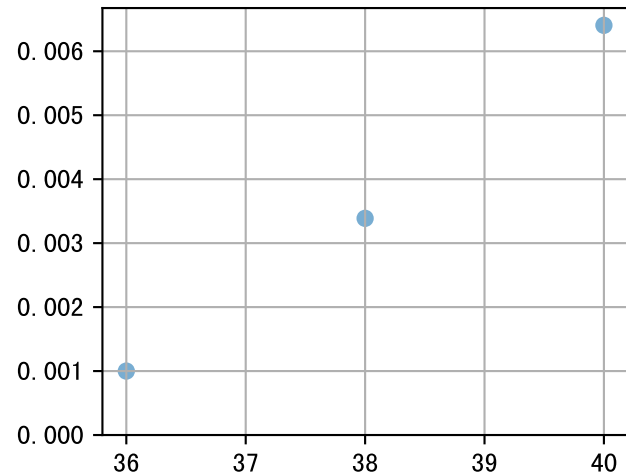
P6AW-106-11T1Fr1 (fit failed)



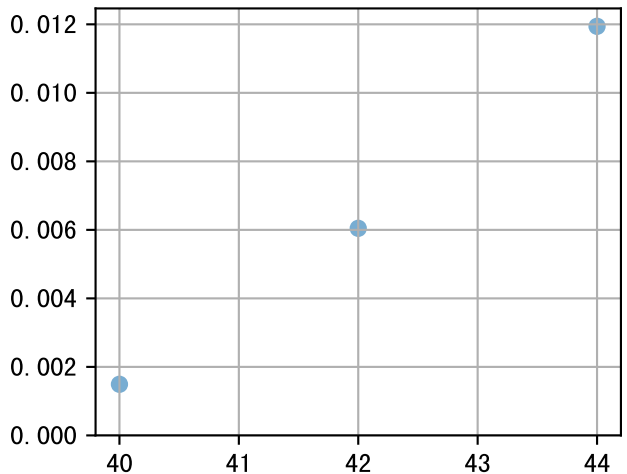
P6AW-106-11T1Fr5 (fit failed)

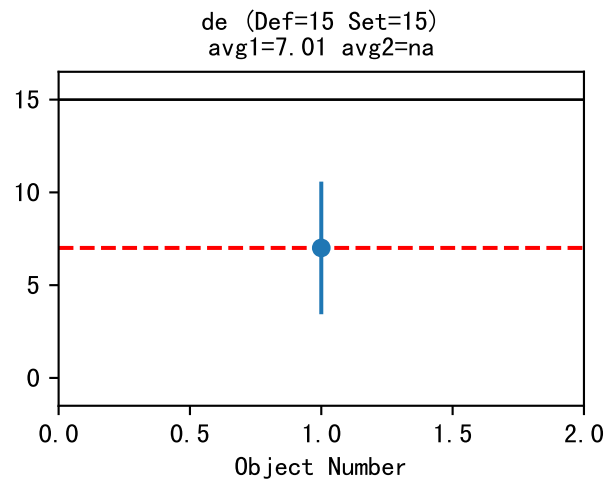
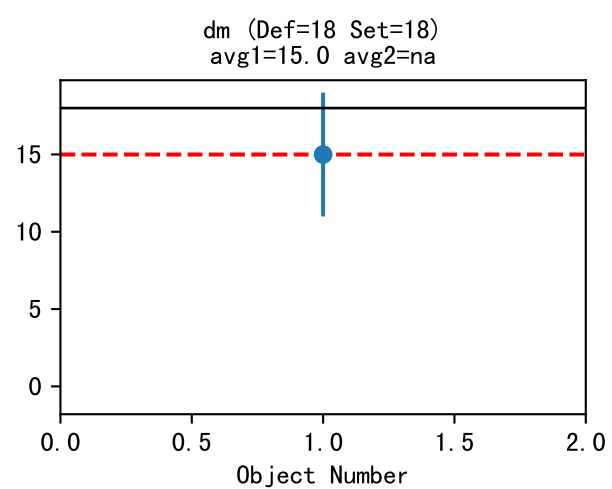
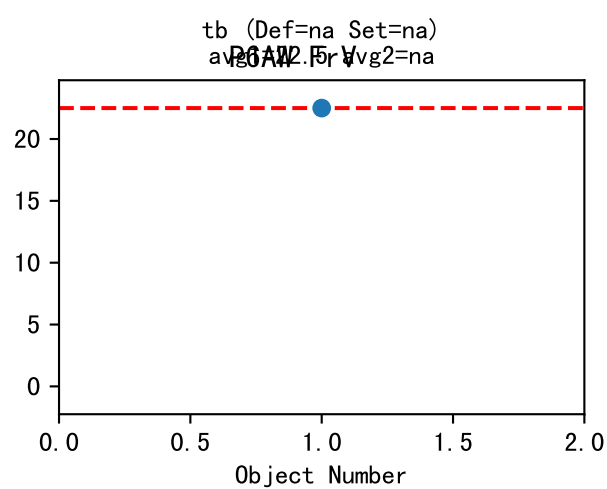
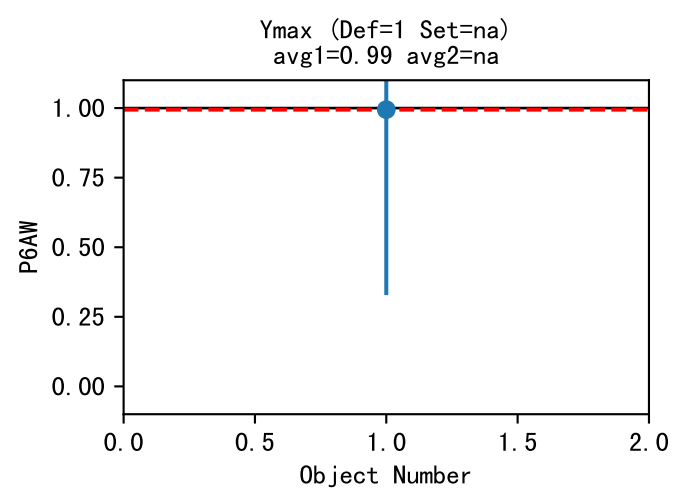


P6AW-106-11T2Fr1 (fit failed)

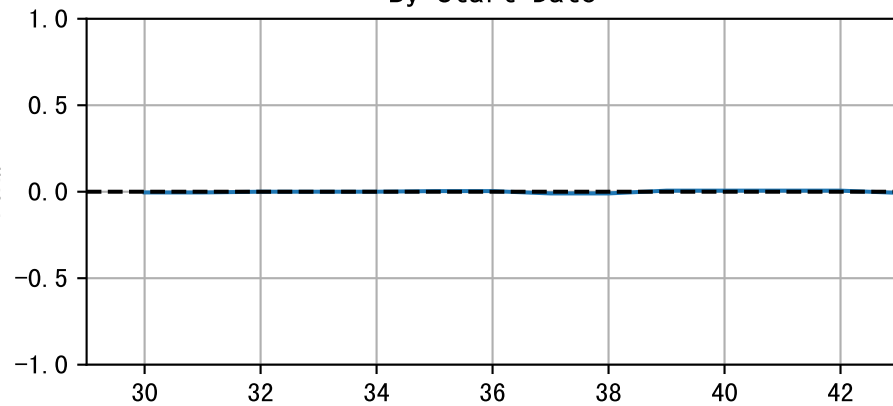


P6AW-106-11T2Fr5 (fit failed)

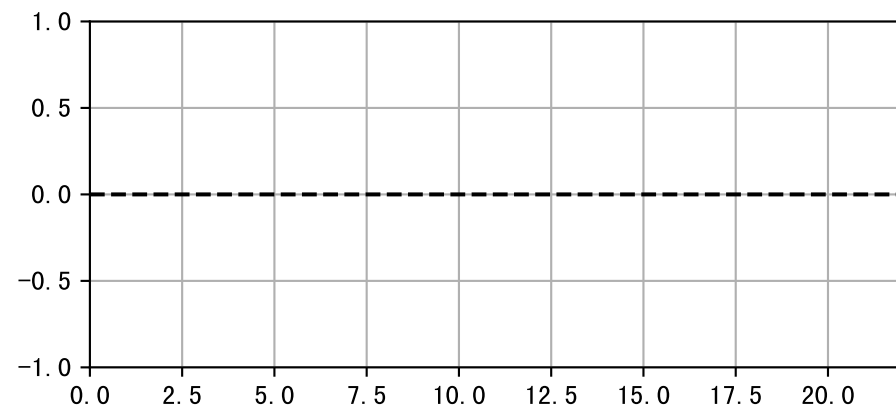
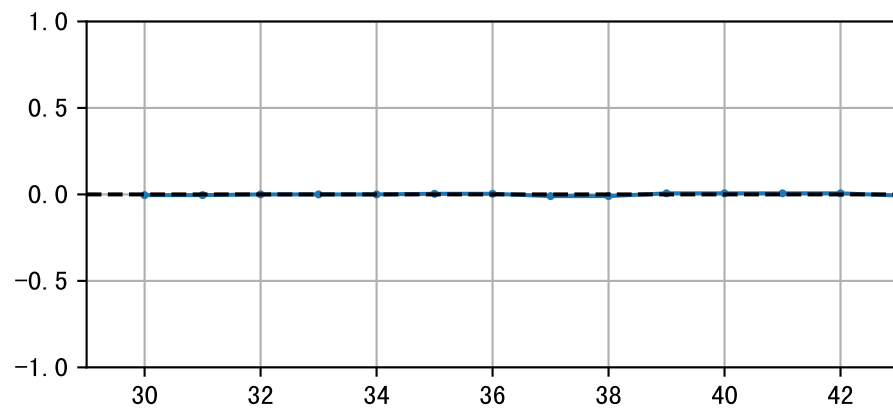
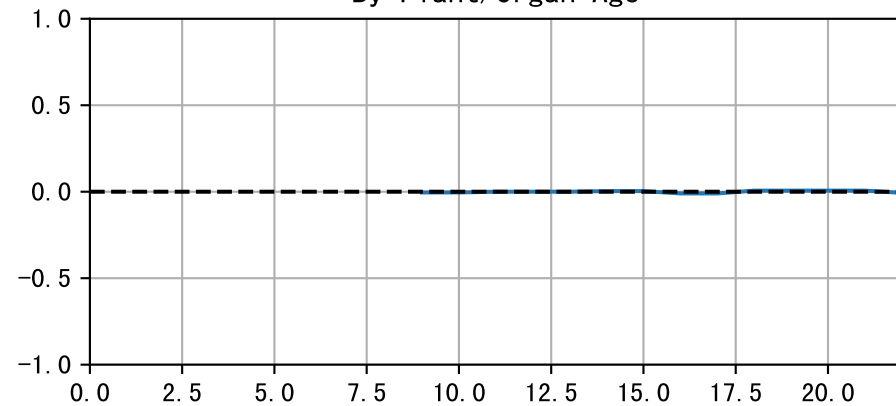




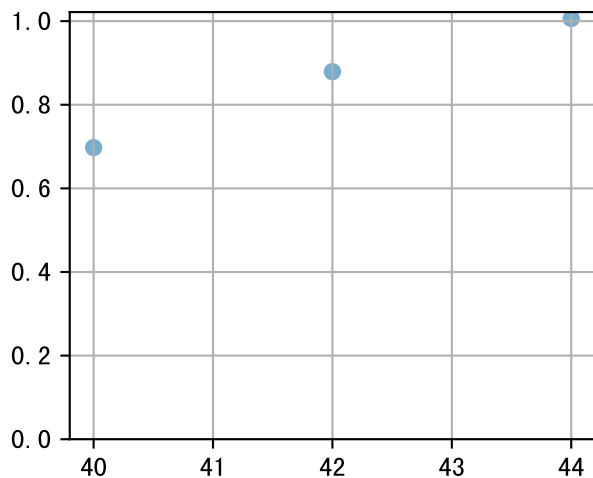
By Start Date



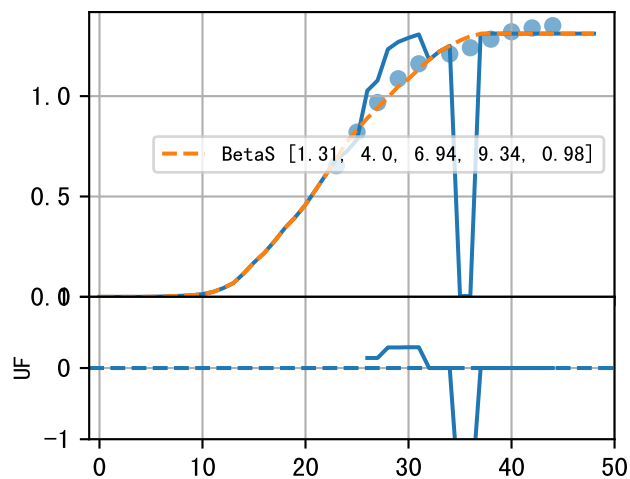
By Plant/Organ Age



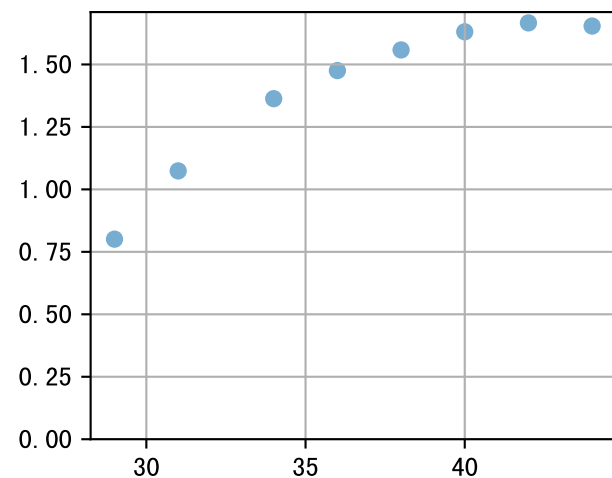
P6AW-058-22L12 (fit failed)



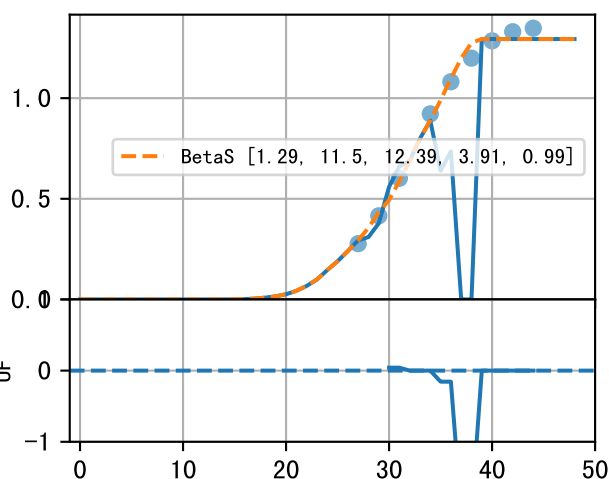
P6AW-058-22L6 (fit failed)



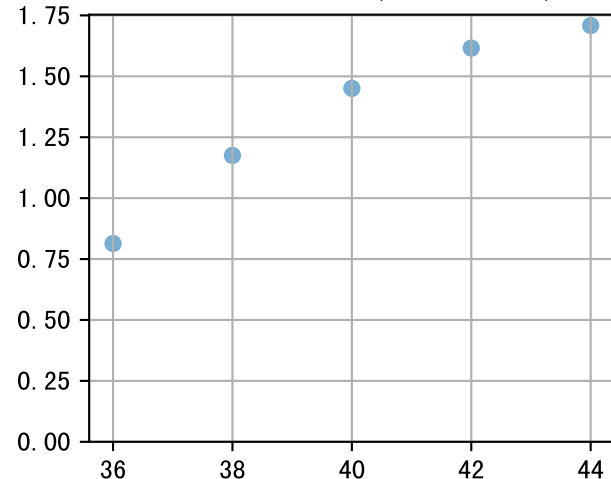
P6AW-058-22L9 (fit failed)



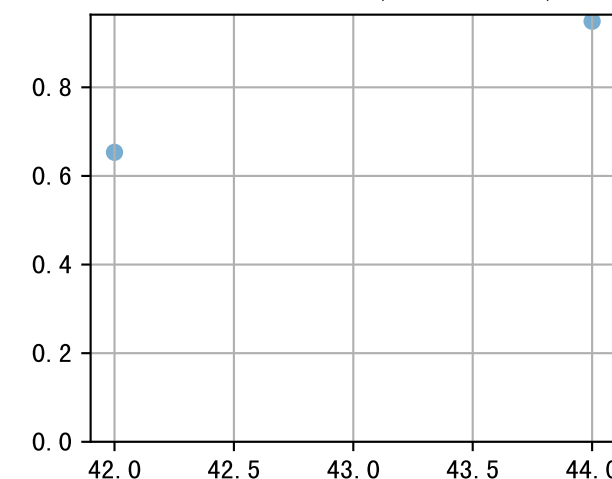
P6AW-074-9L10



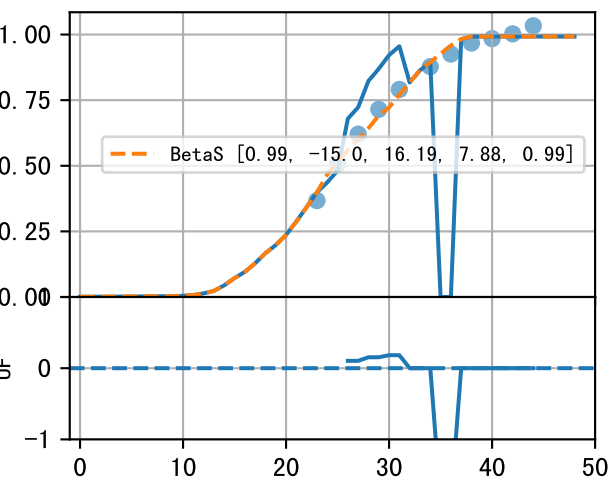
P6AW-074-9L13 (fit failed)



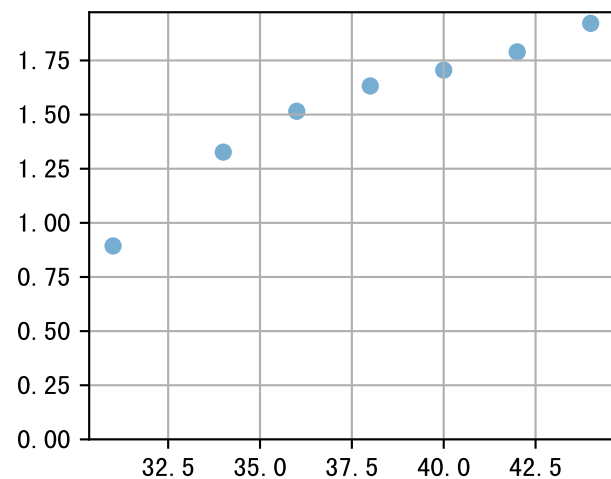
P6AW-074-9L16 (fit failed)



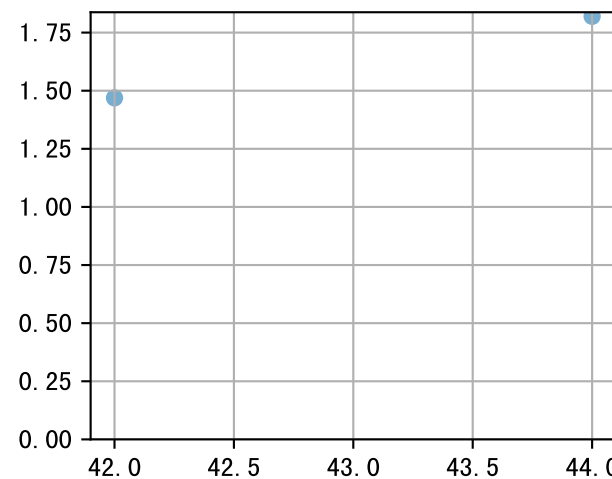
P6AW-074-9L7 (fit failed)



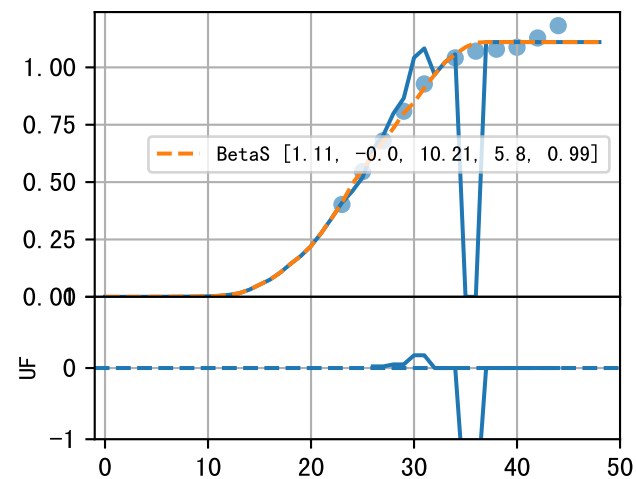
P6AW-087-14L10 (fit failed)



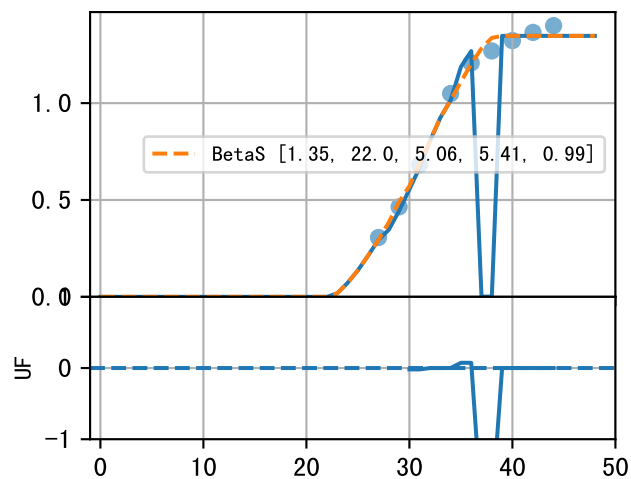
P6AW-087-14L13 (fit failed)



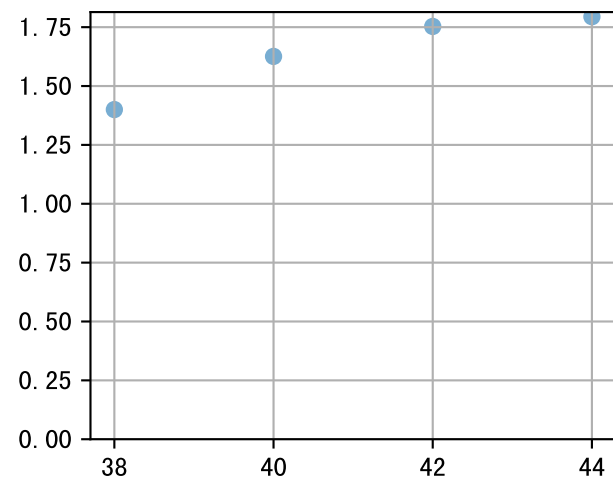
P6AW-087-14L7 (fit failed)



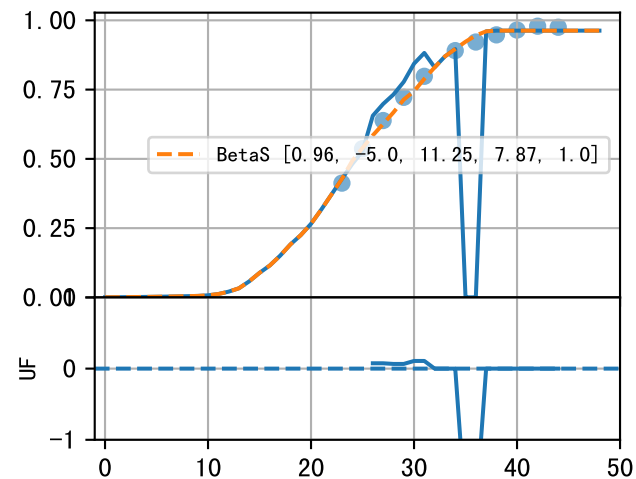
P6AW-095-29L10



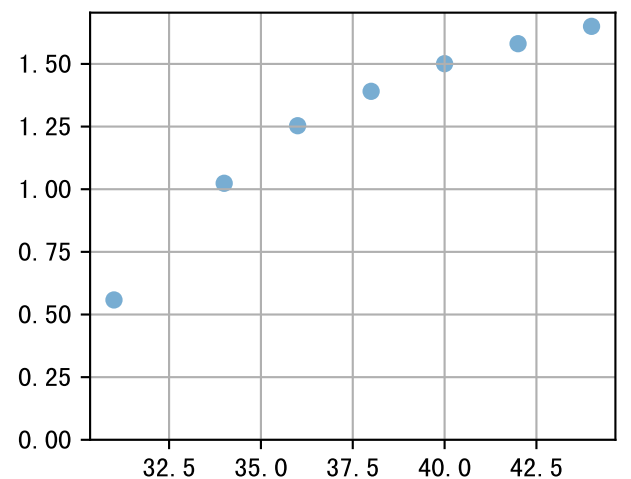
P6AW-095-29L13 (fit failed)



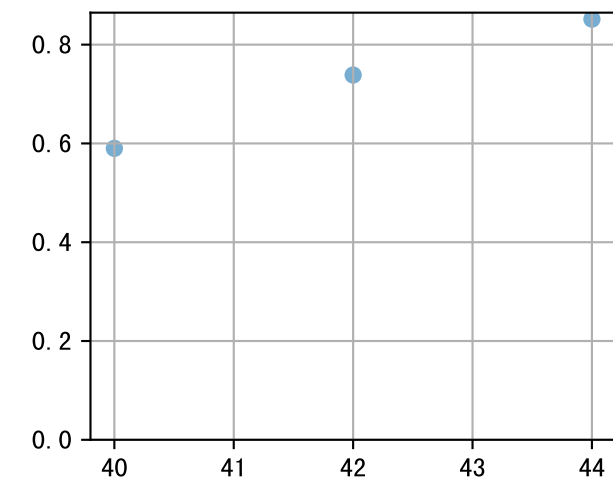
P6AW-095-29L7 (fit failed)



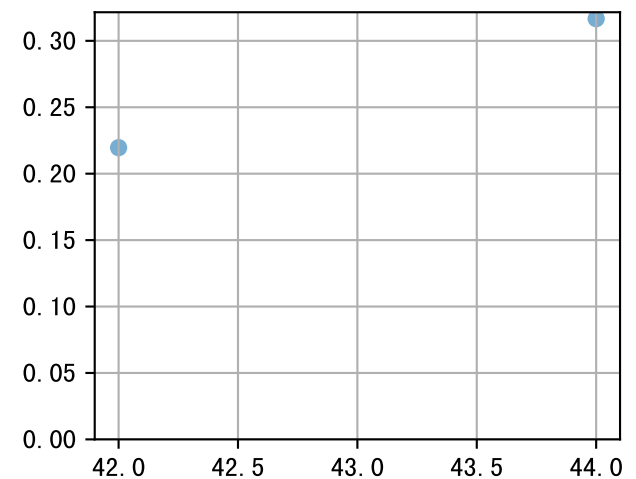
P6AW-106-11L10 (fit failed)



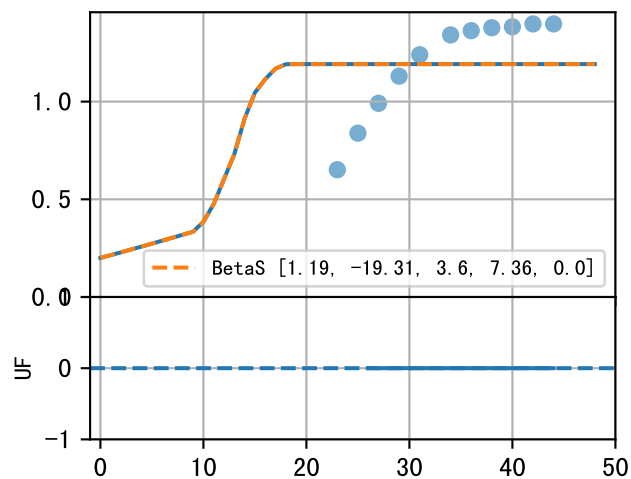
P6AW-106-11L13 (fit failed)

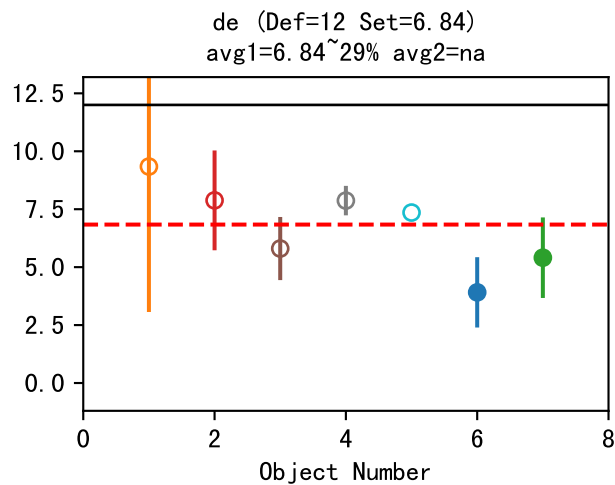
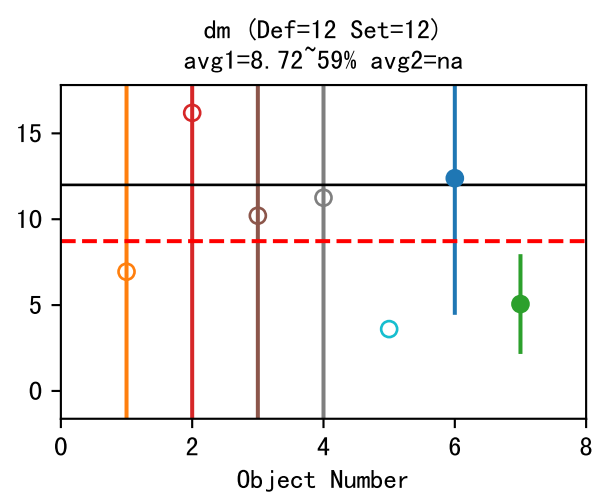
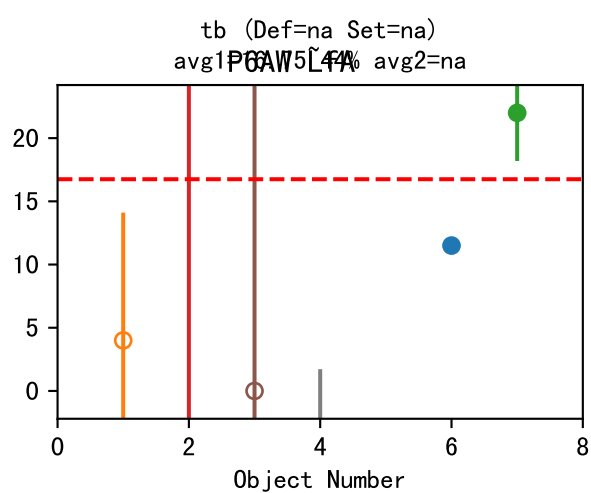
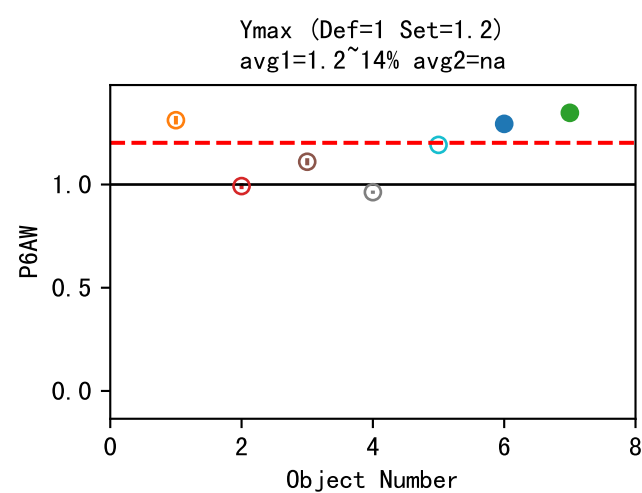


P6AW-106-11L16 (fit failed)

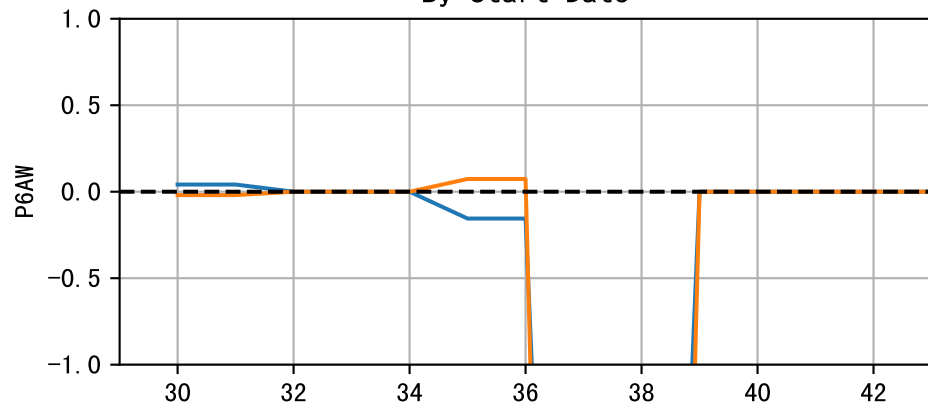


P6AW-106-11L7 (fit failed)

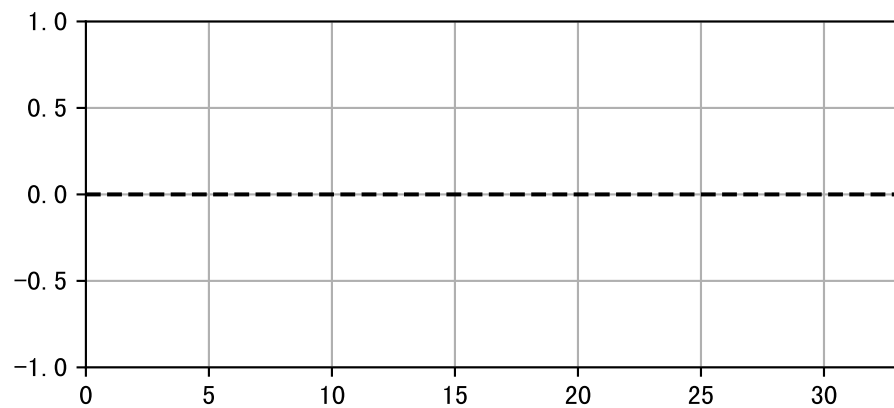
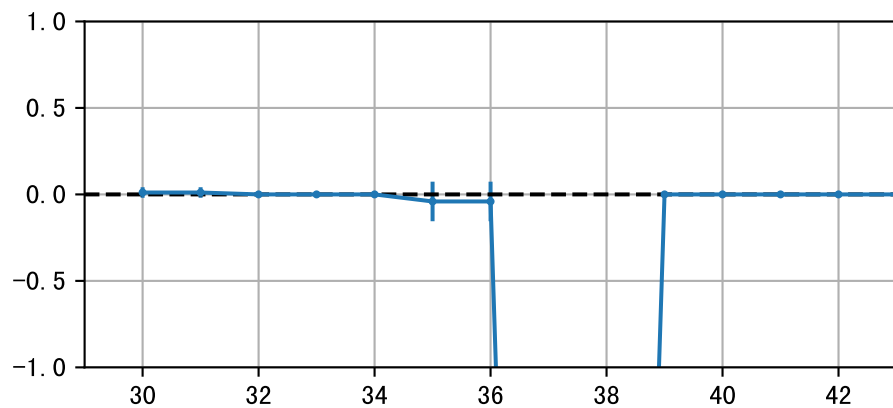
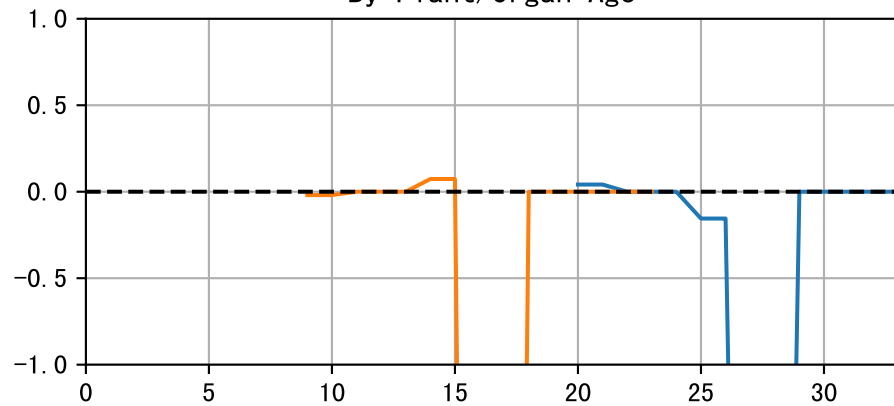


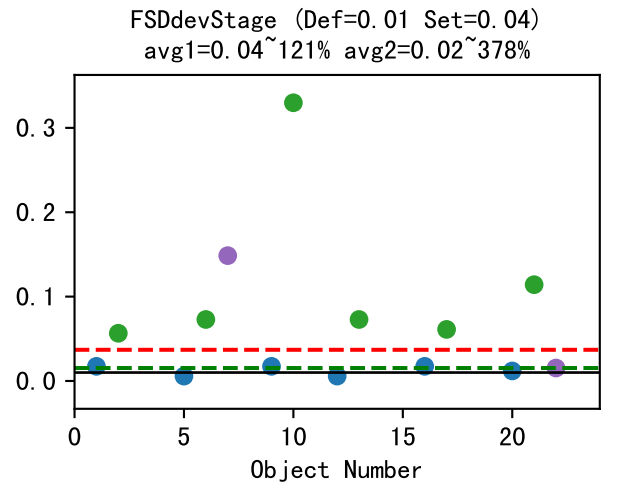
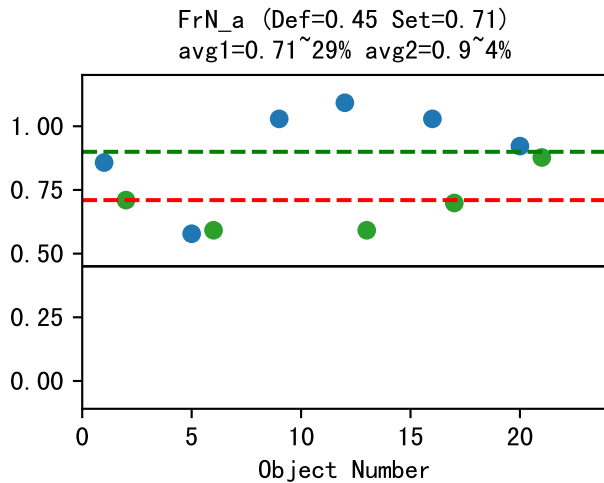
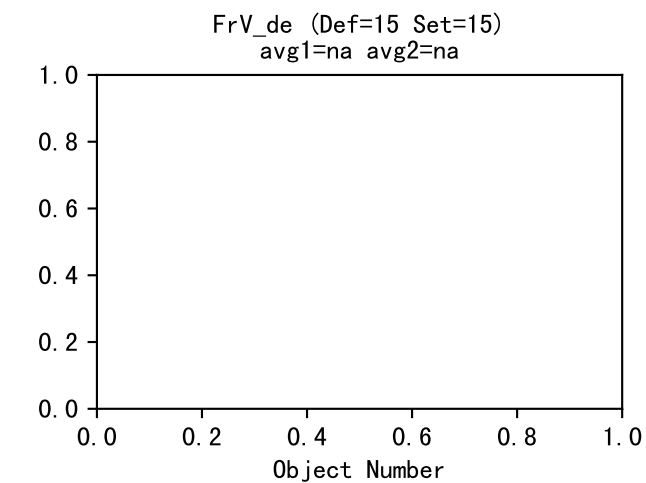
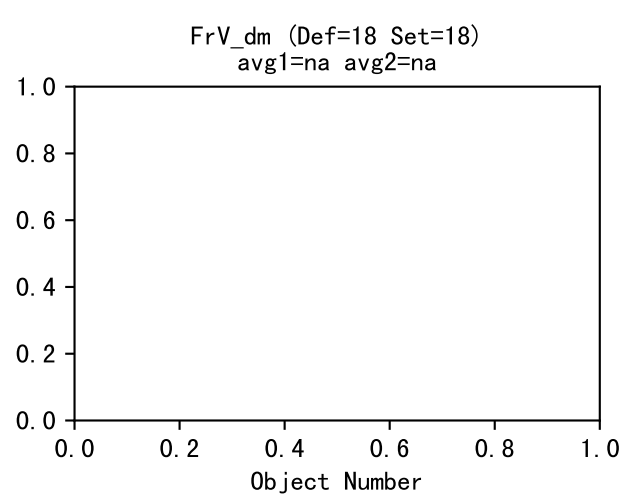
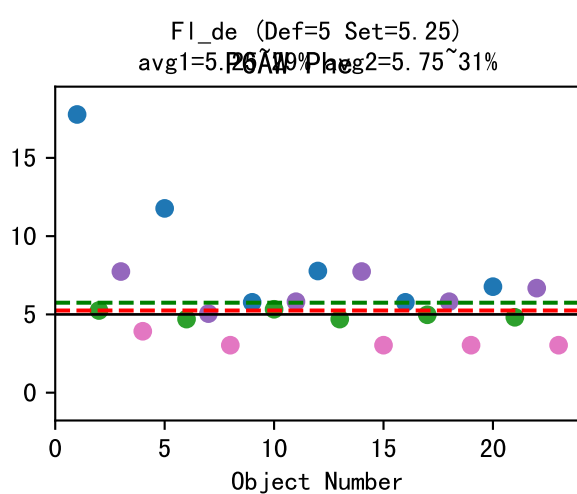
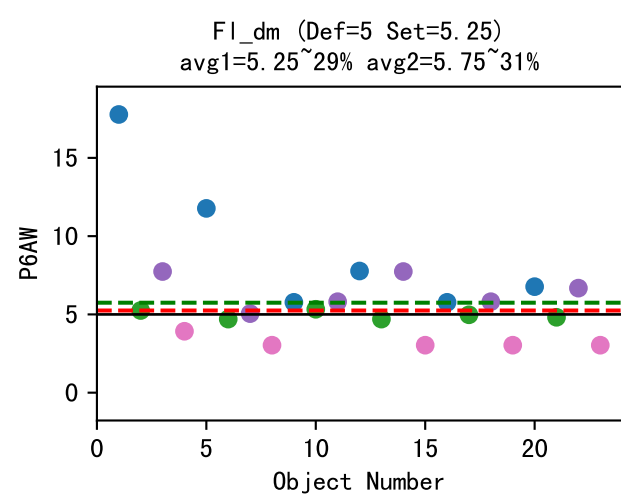


By Start Date

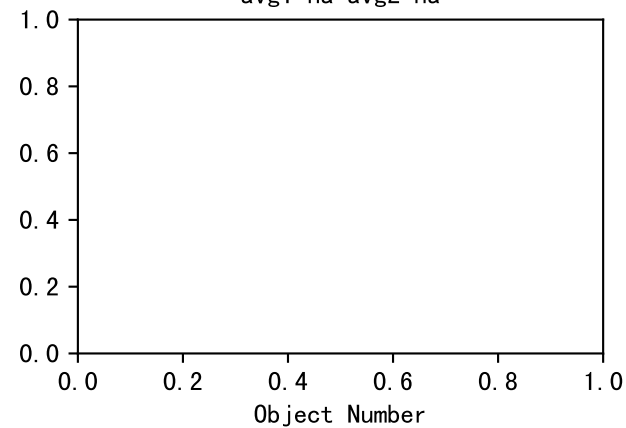


By Plant/Organ Age

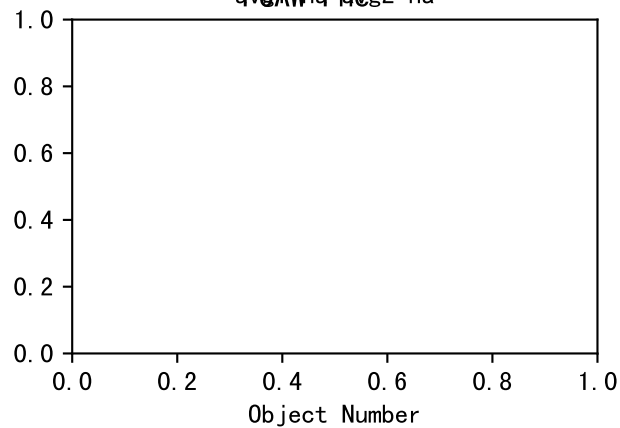




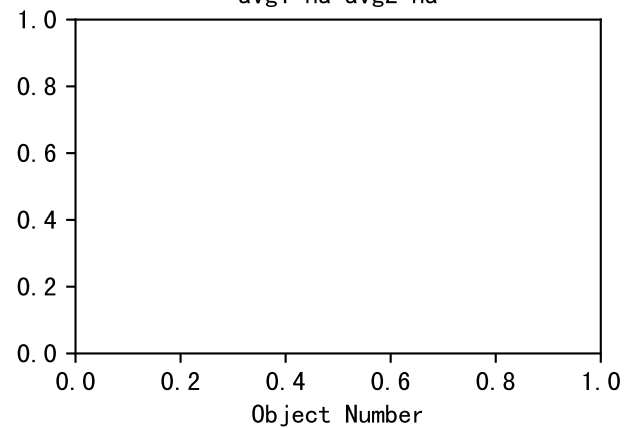
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



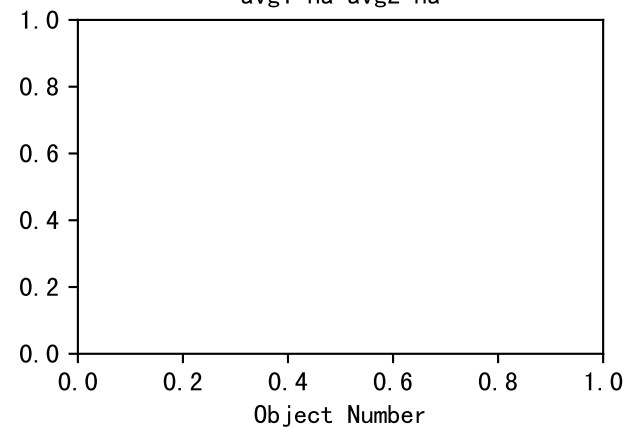
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



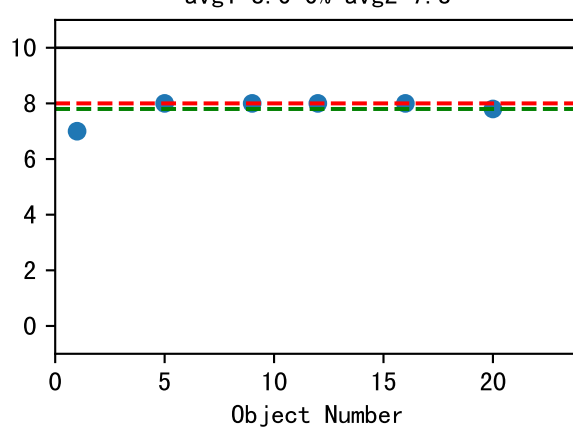
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

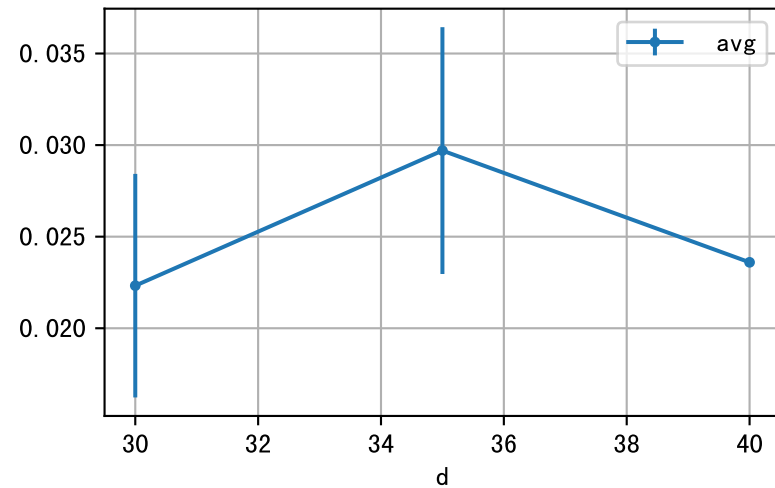


NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=7.8

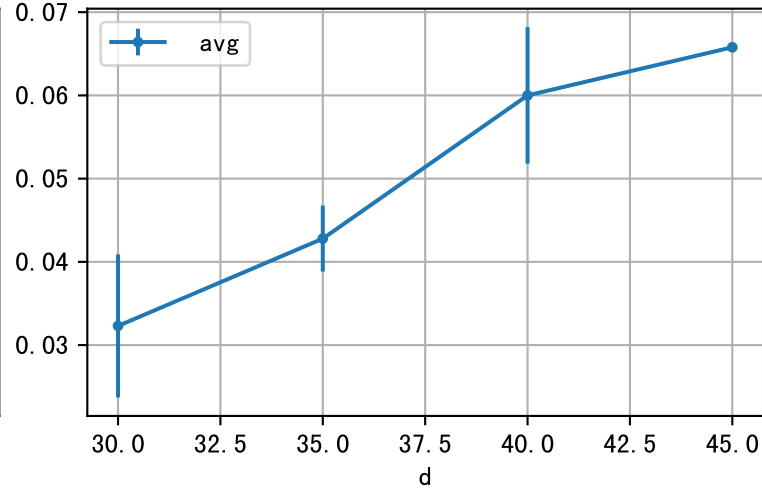


LfA: avg vs. d at each age group

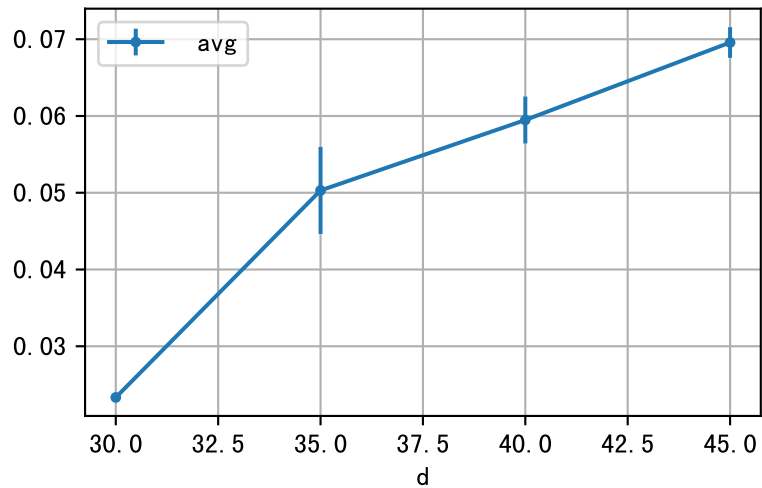
age=15



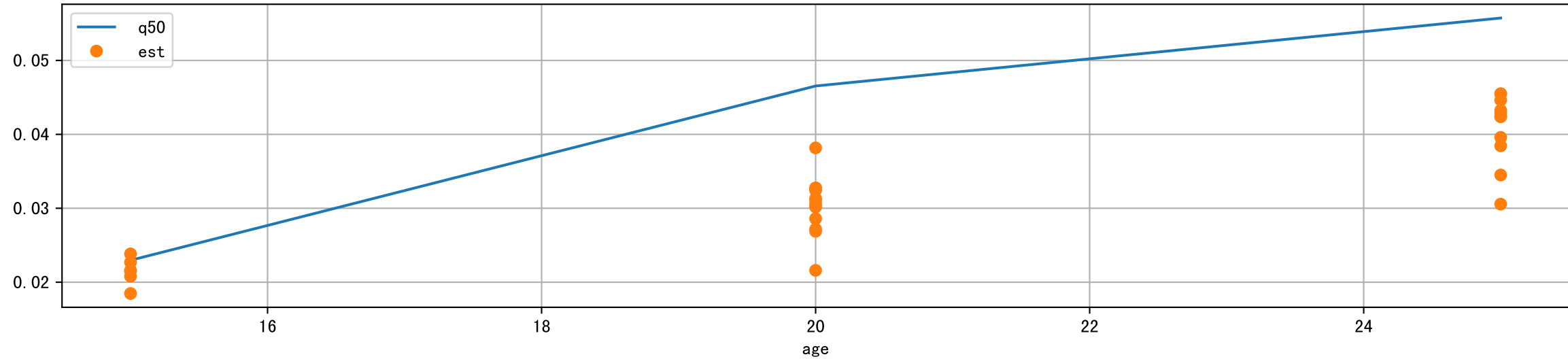
age=20



age=25

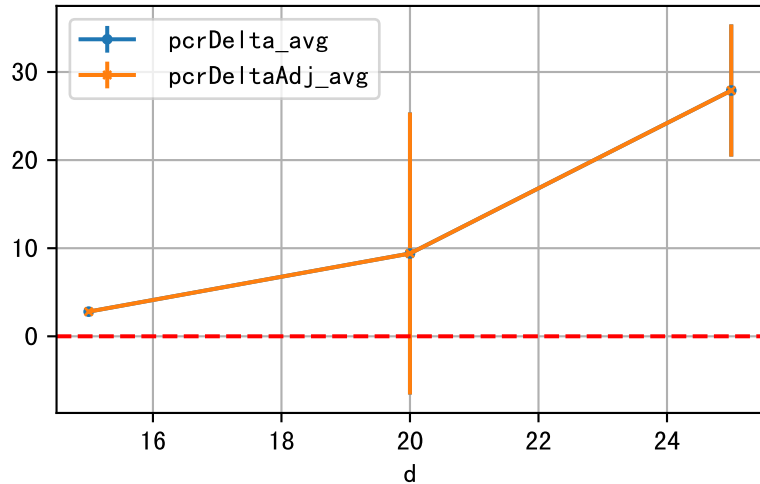


LfA: model est vs obs0v@Q50

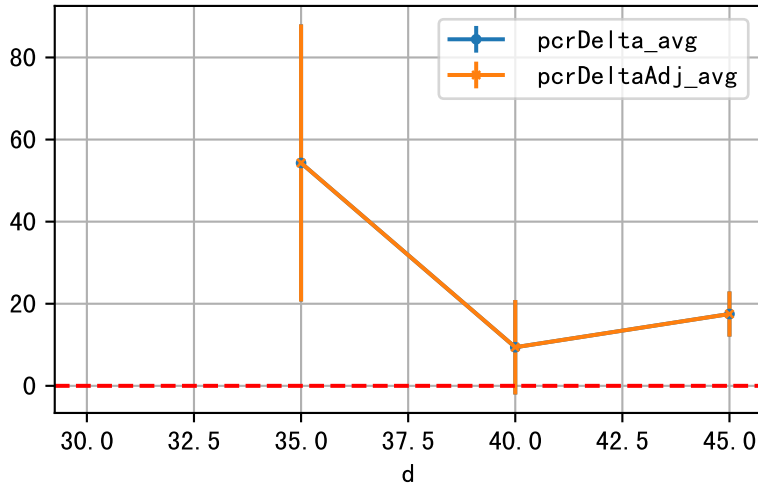


P6AW LfA: D_5d_LfA

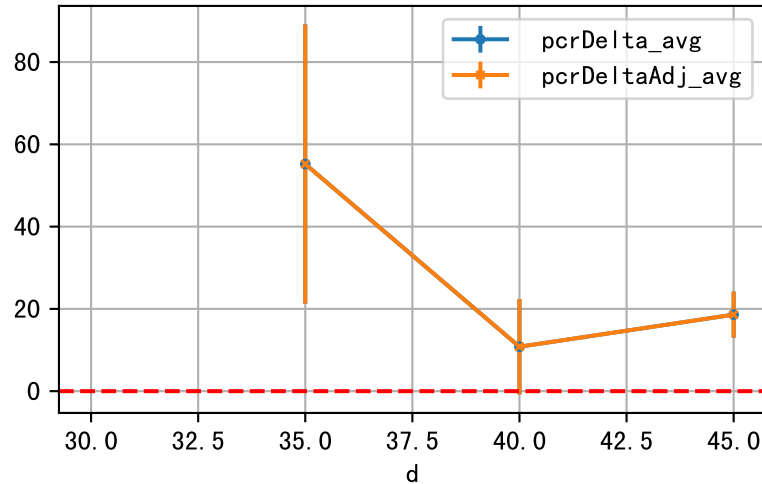
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

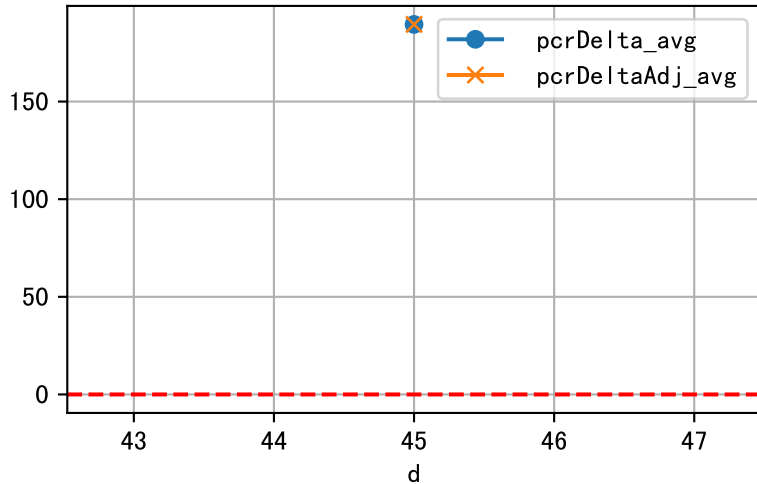
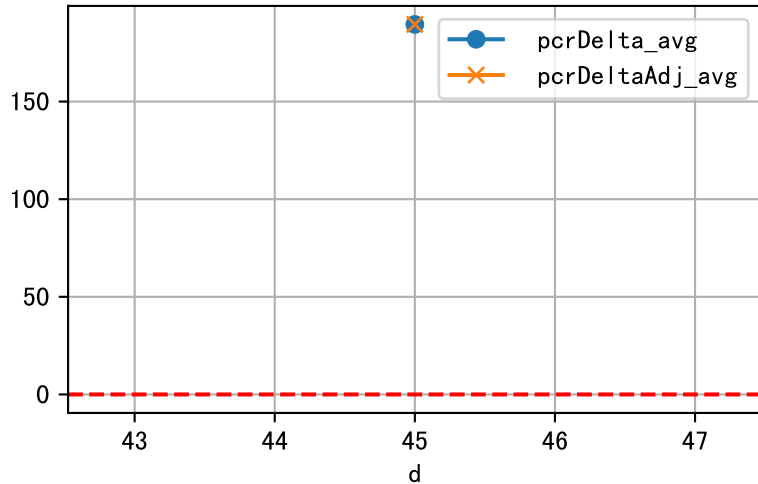
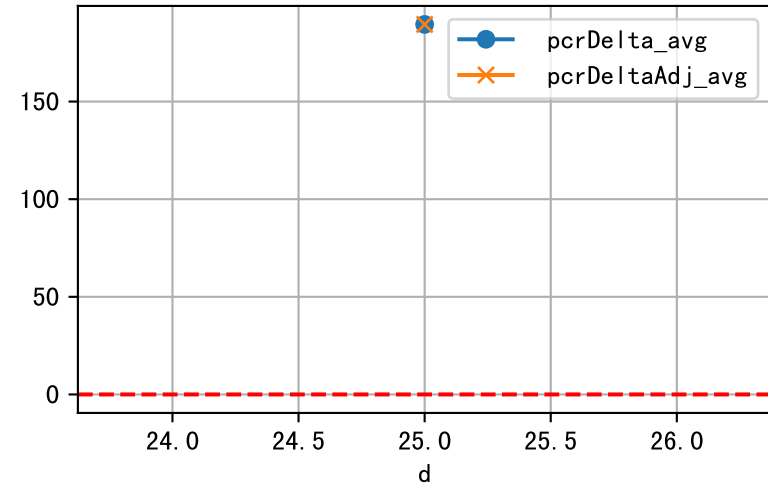


P6AW LfA: D_15d_LfA

DeltaTypeAbbr=GrpByAge

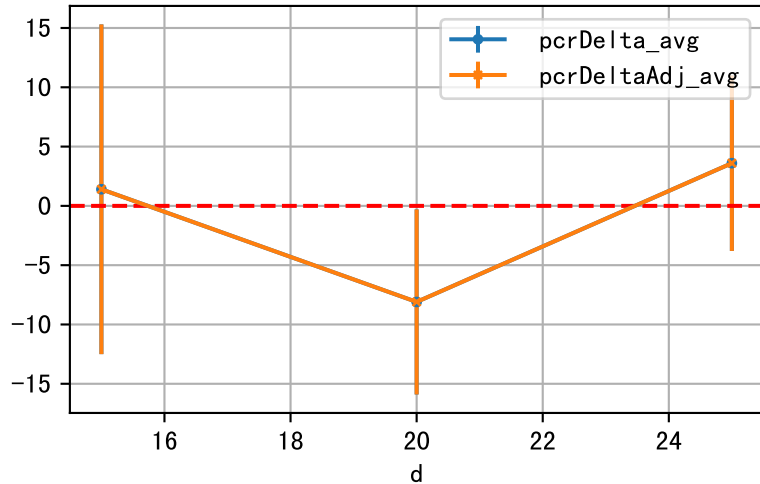
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

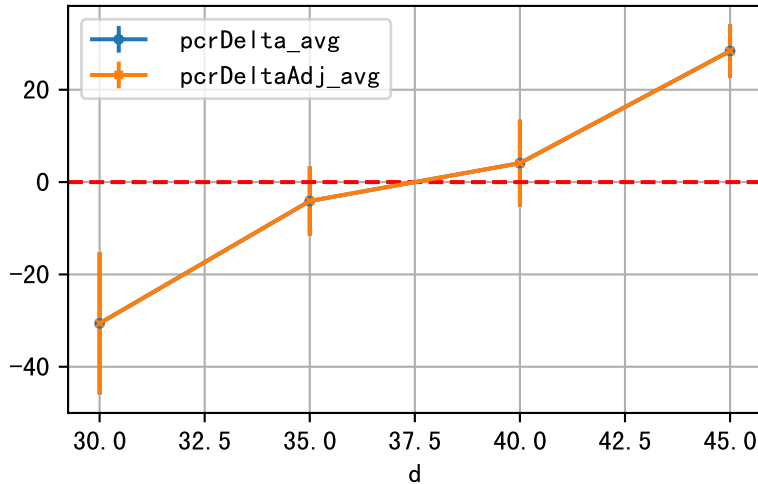


P6AW LfA: D_Q50_LfA

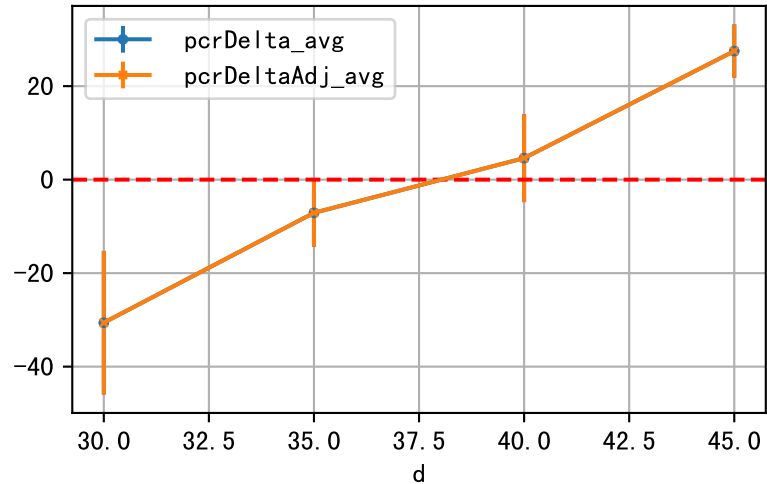
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=Wei AvgByD

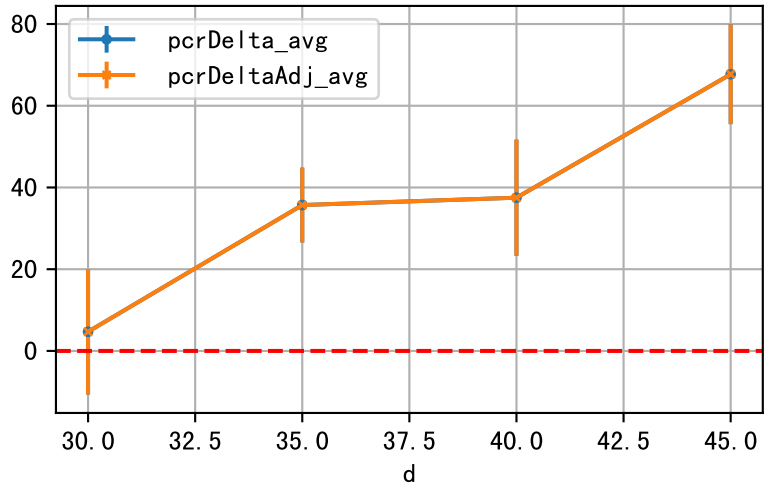
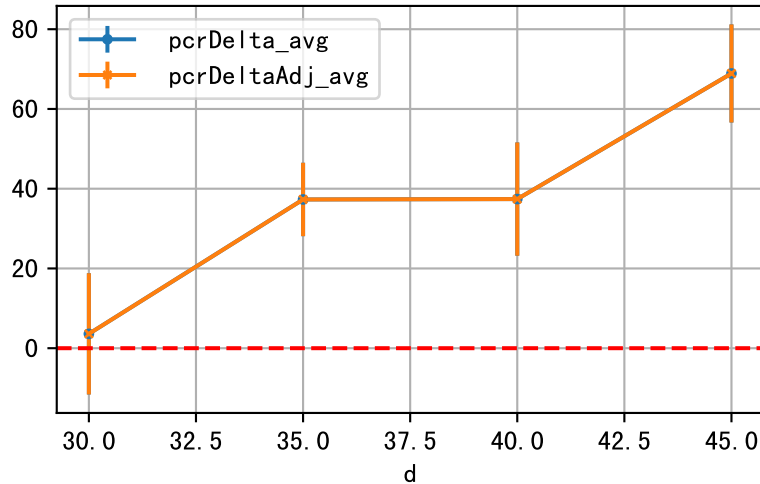
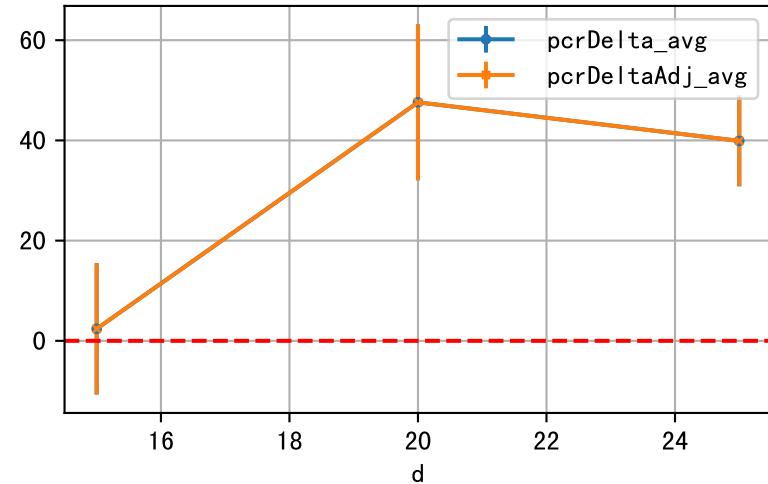


P6AW LfA: D_Est_LfA

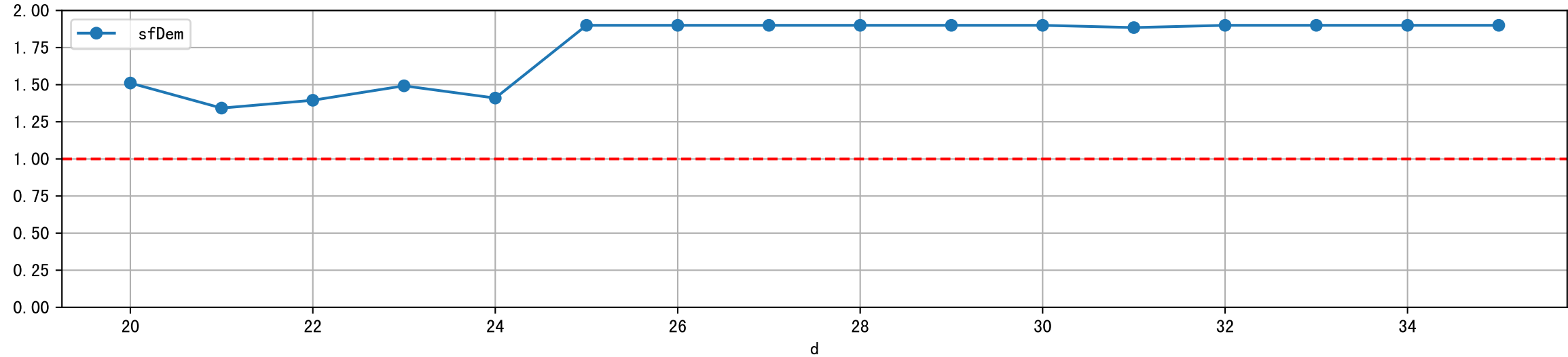
DeltaTypeAbbr=GrpByAge

DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD



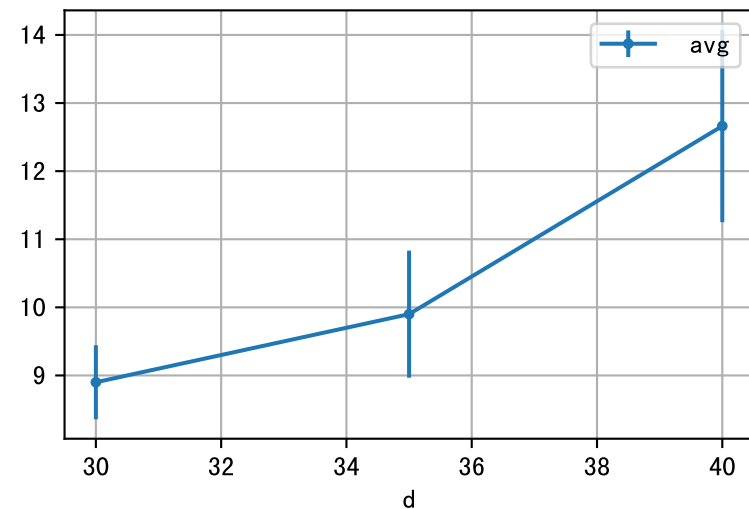
LfA: sfDem



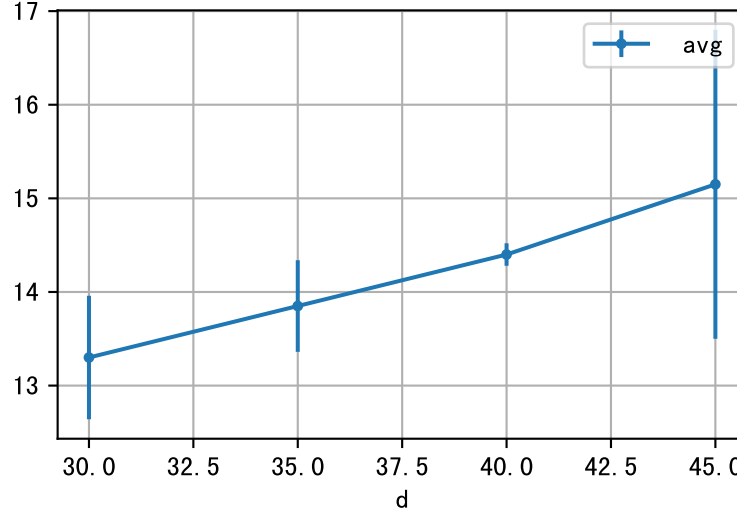


NdD: avg vs. d at each age group

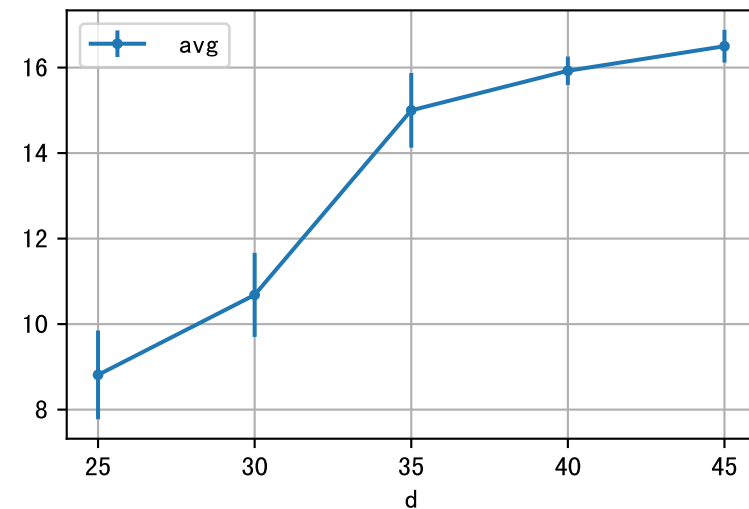
age=15



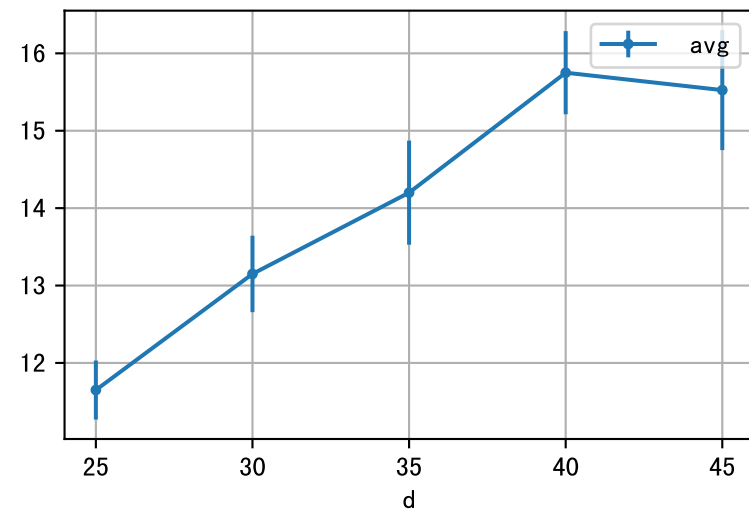
age=20



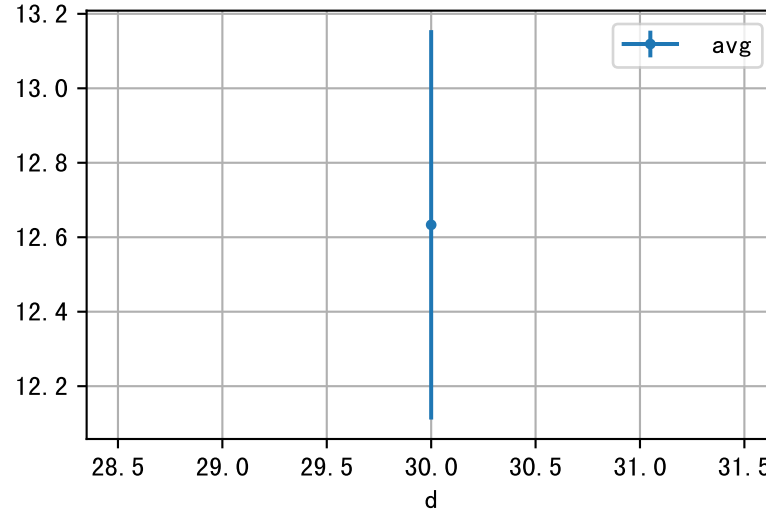
age=25



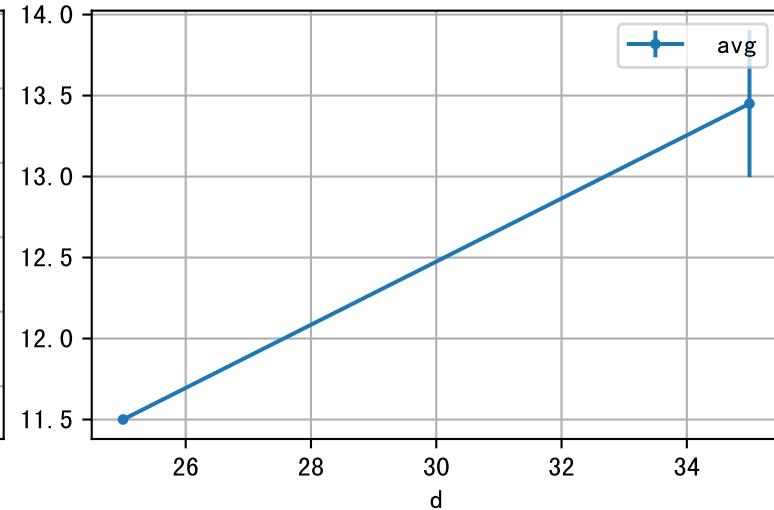
age=30



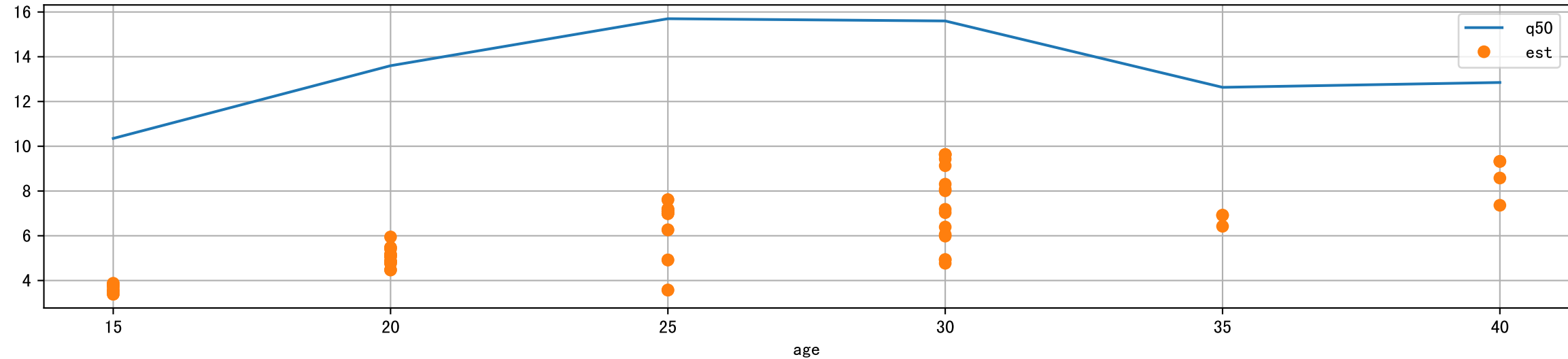
age=35



age=40

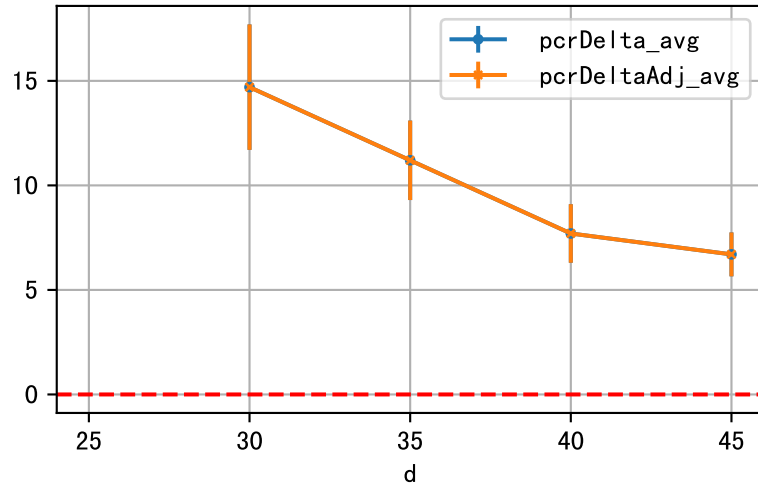


NdD: model est vs obs0v@Q50

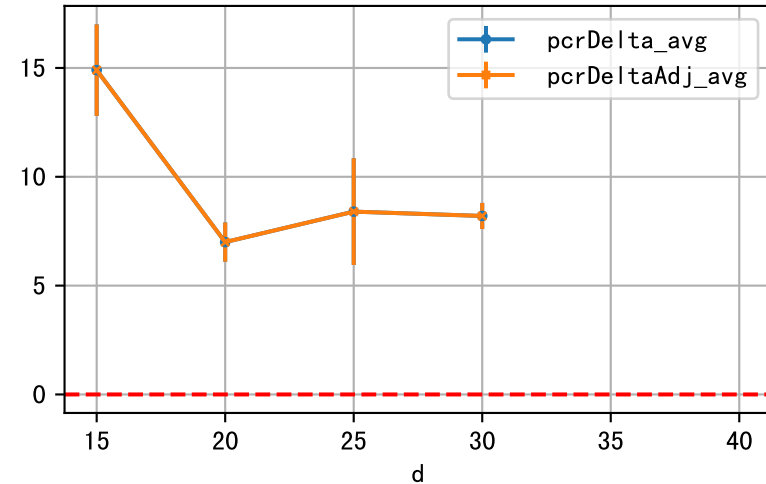


P6AW NdD: D_5d_NdD

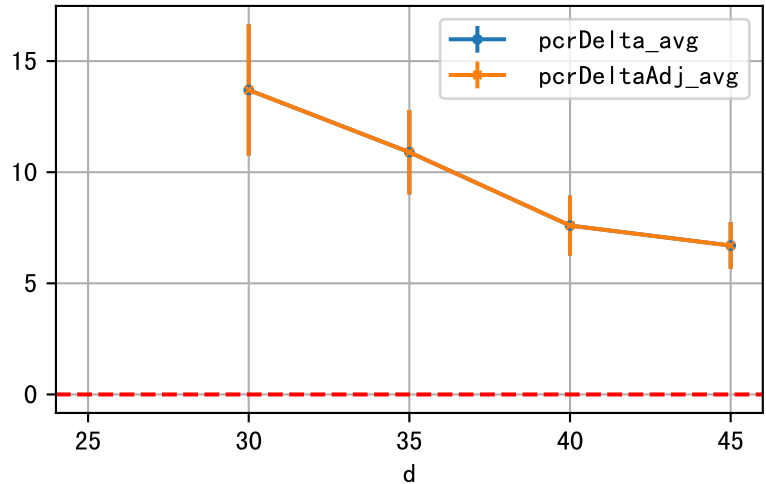
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

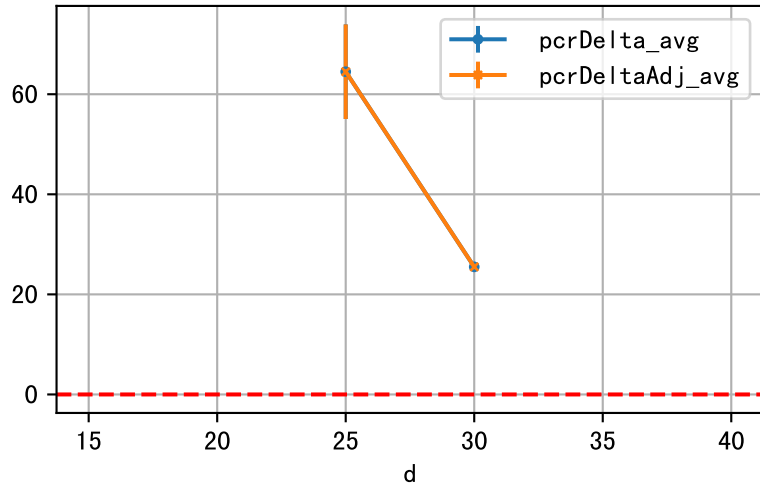


DeltaTypeAbbr=Wei AvgByD

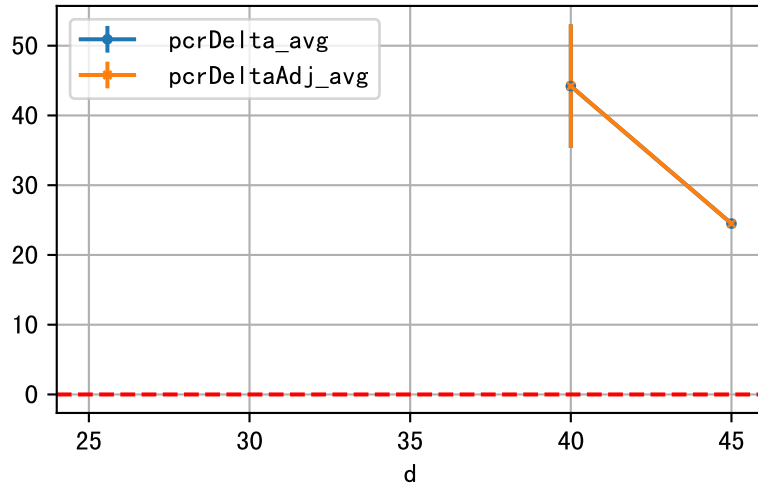


P6AW NdD: D_15d_NdD

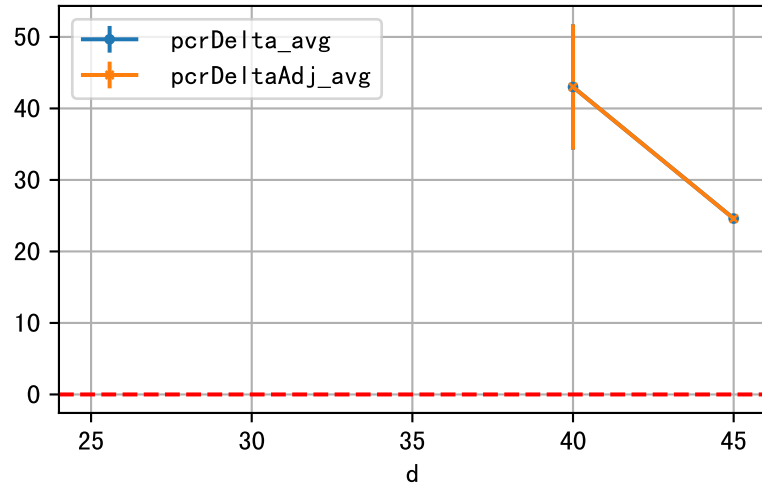
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

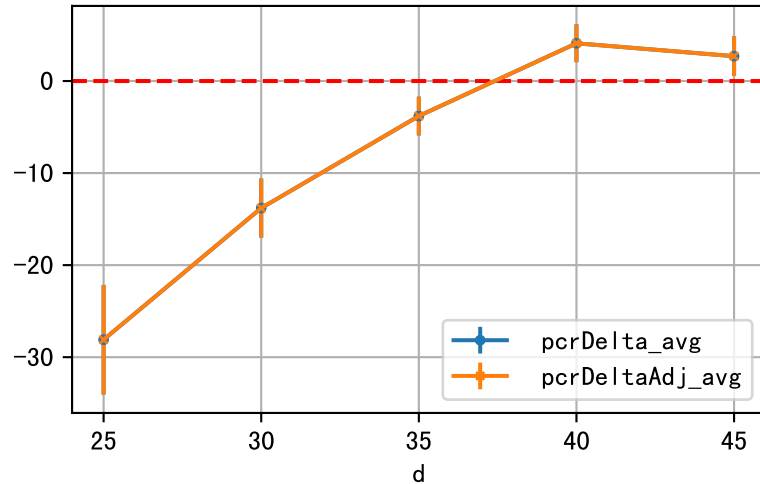


DeltaTypeAbbr=Wei AvgByD

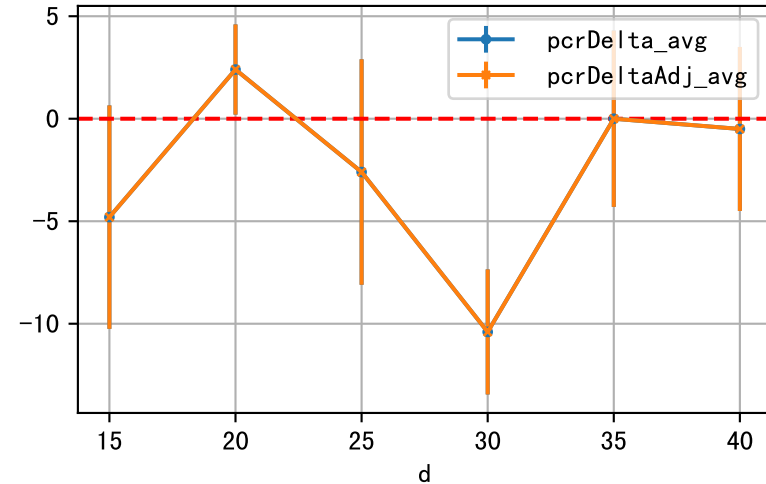


P6AW NdD: D_Q50_NdD

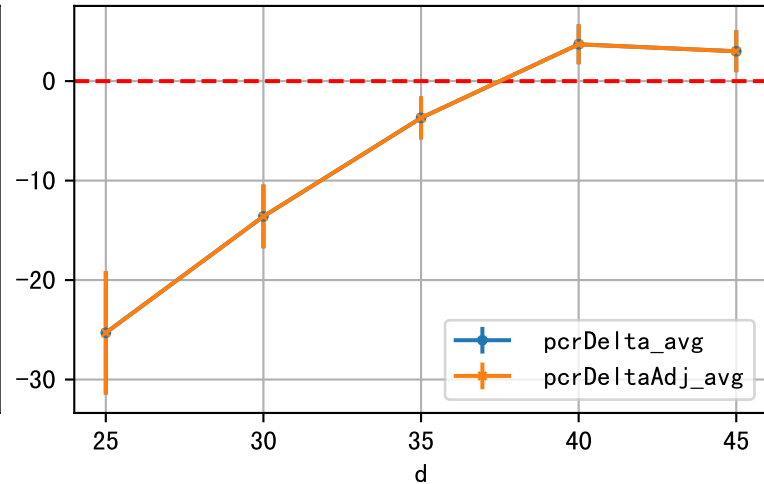
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

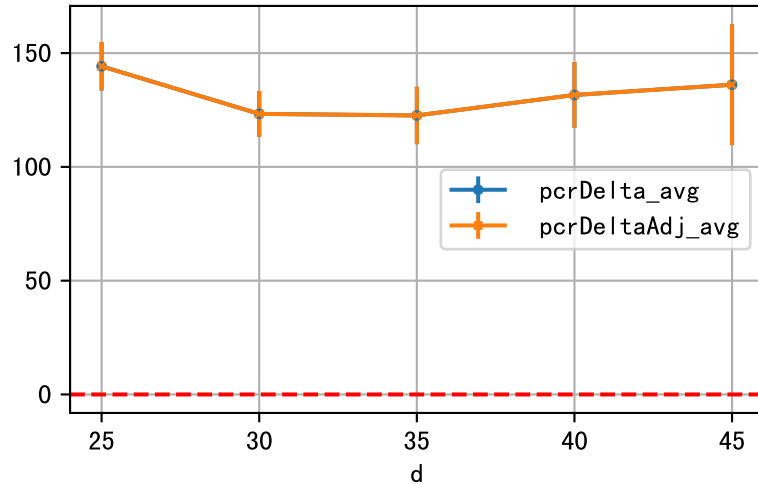


DeltaTypeAbbr=Wei AvgByD

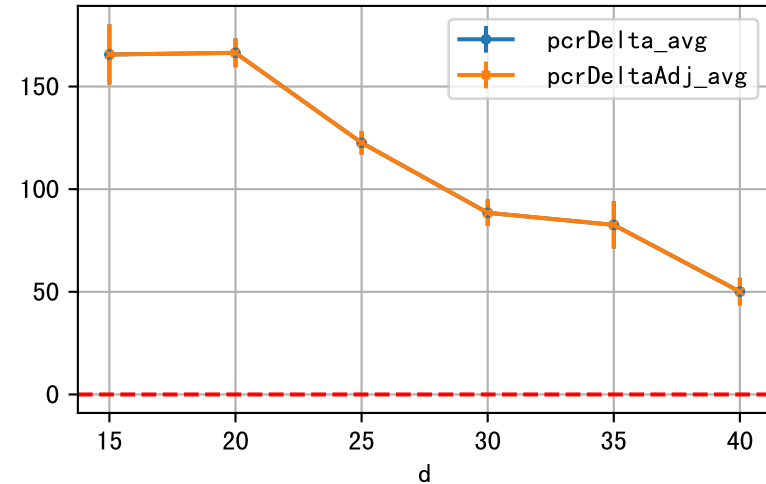


P6AW NdD: D_Est_NdD

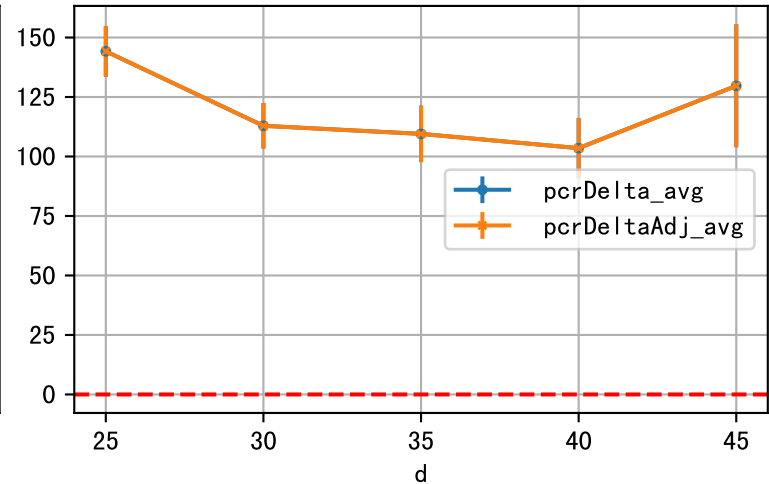
DeltaTypeAbbr=GrpByDay



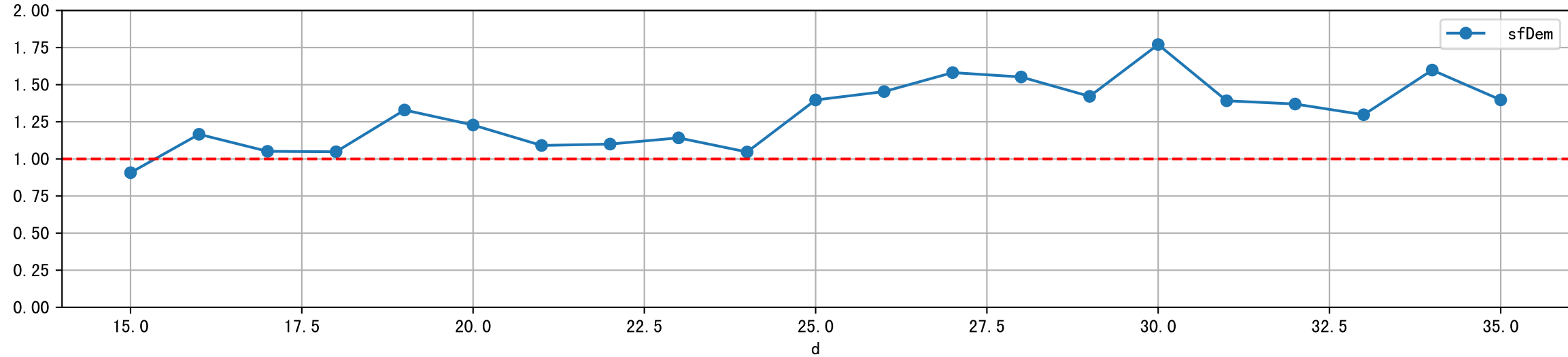
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=Wei AvgByD

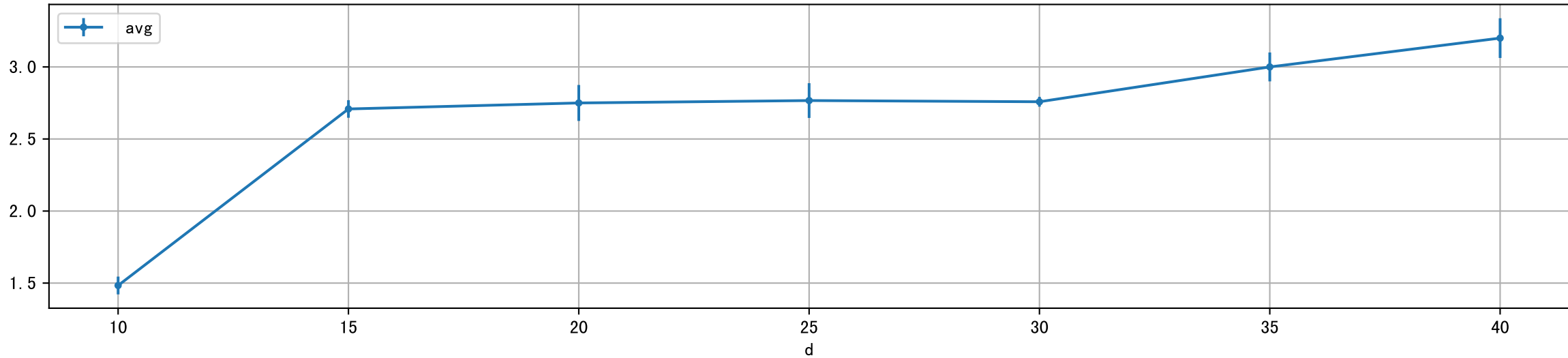


NdD: sfDem

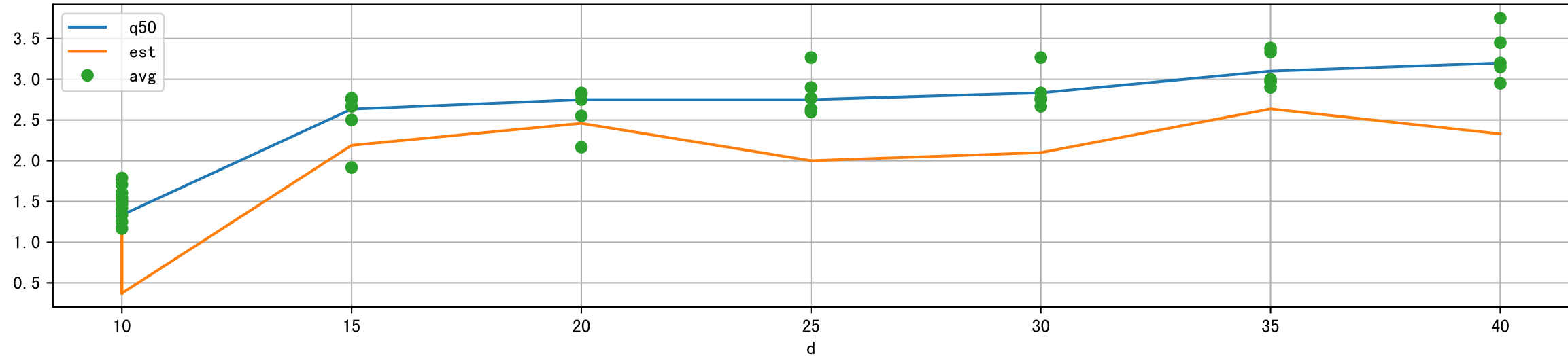




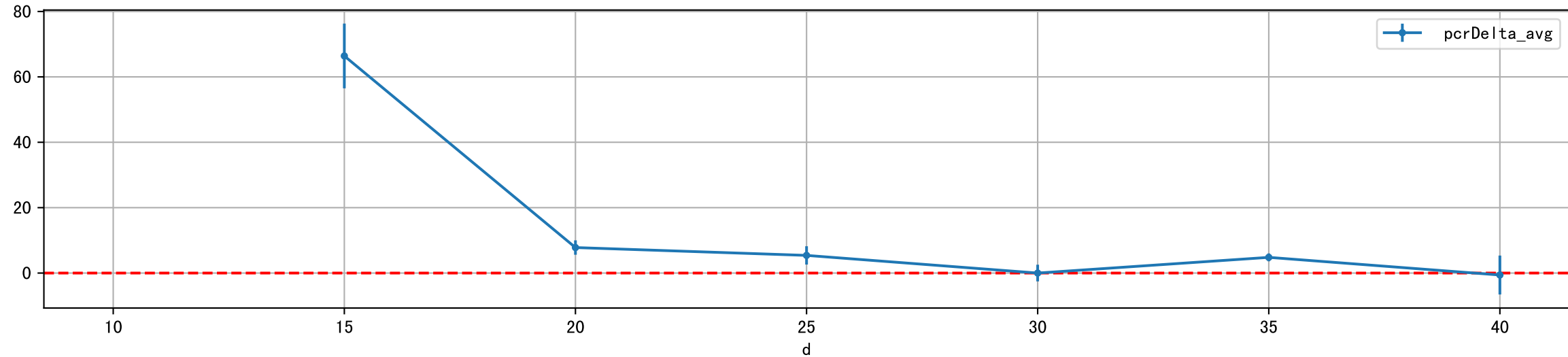
dStH: avg vs. d



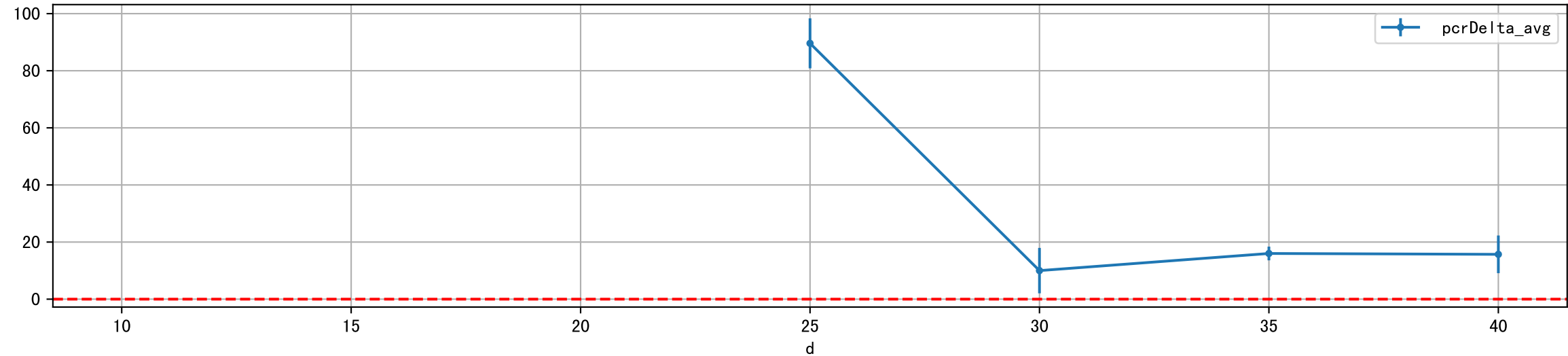
dStH: obsAvg vs obs0v@Q50



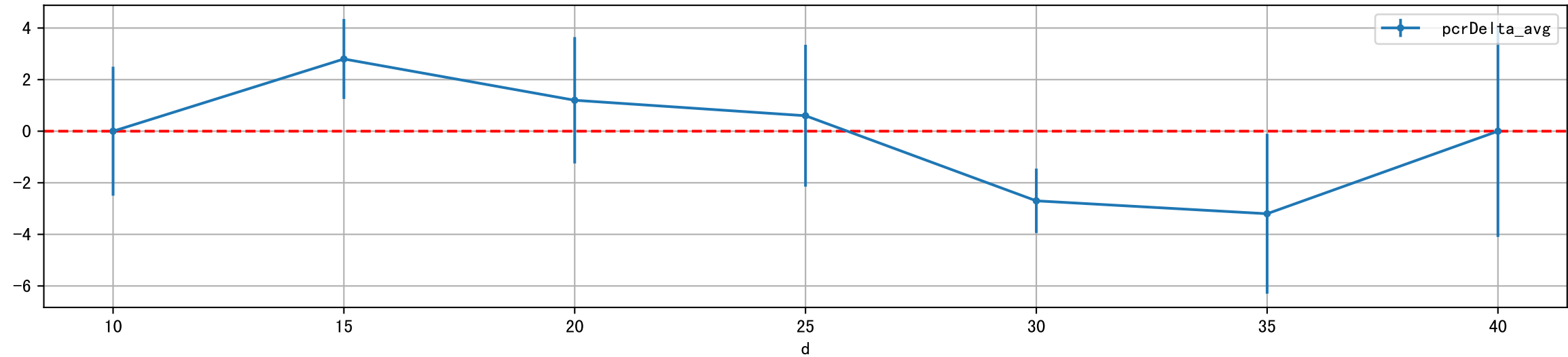
dStH: D_5d_StH



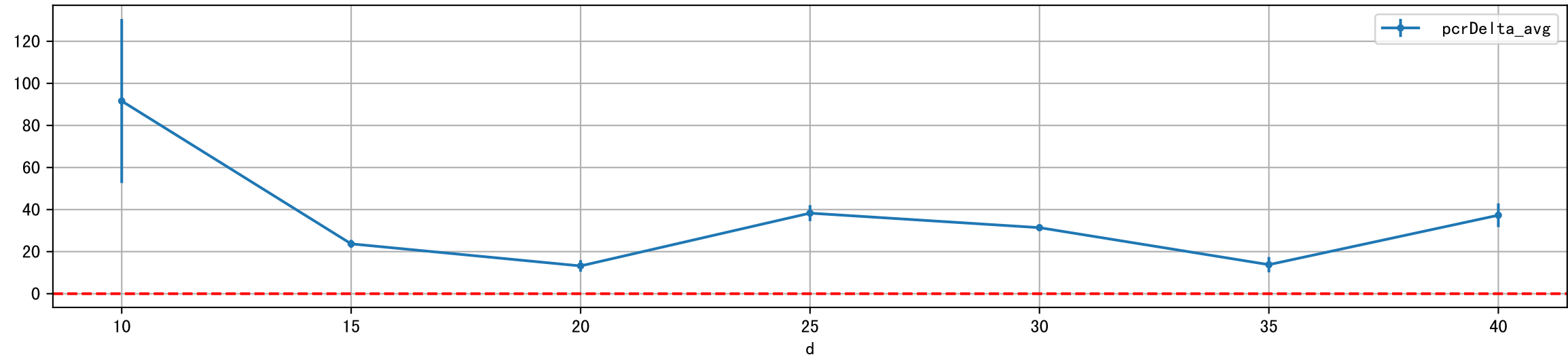
dStH: D_15d_StH



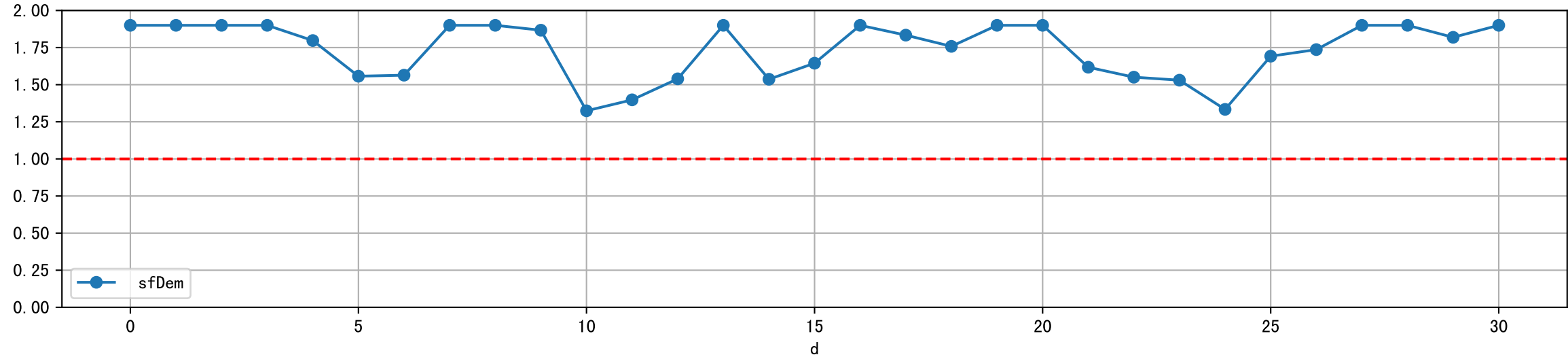
dStH: D_Q50_StH



dStH: D_Est_StH



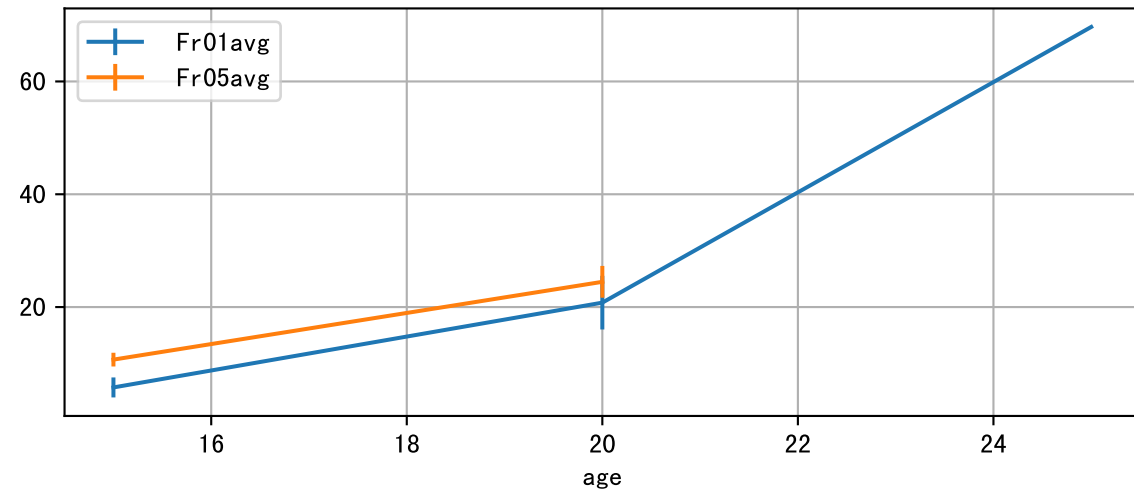
dStH: sfDem



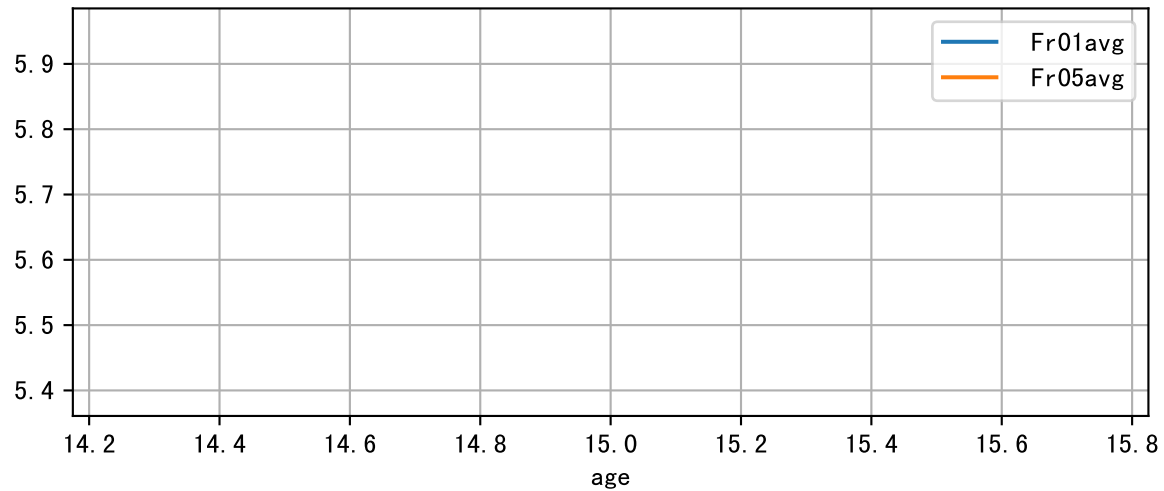


FrV: Fr01 vs Fr05 at each truss

organID=T01

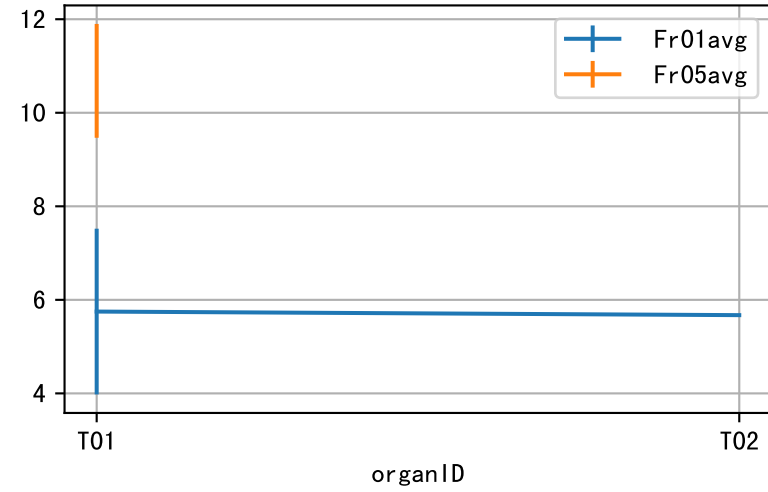


organID=T02

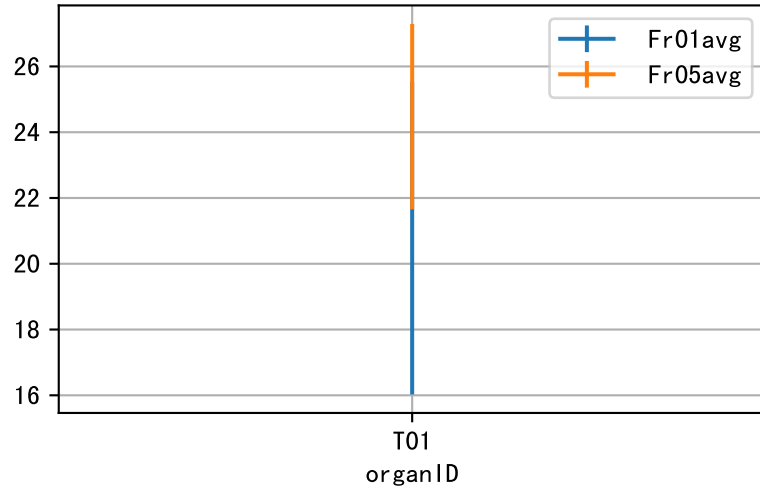


FrV trend at each age

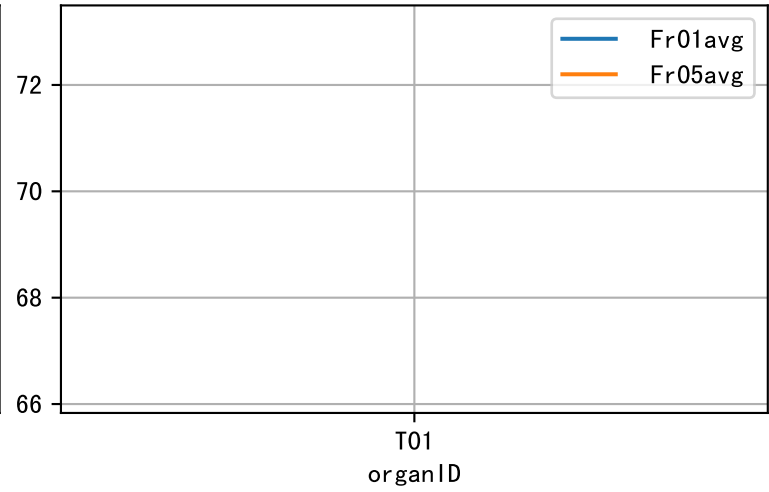
age=15



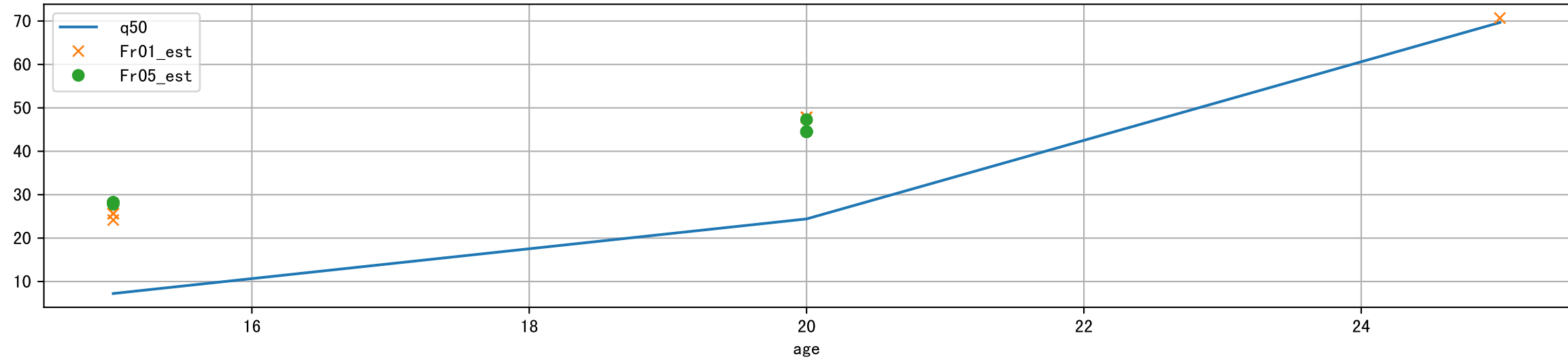
age=20



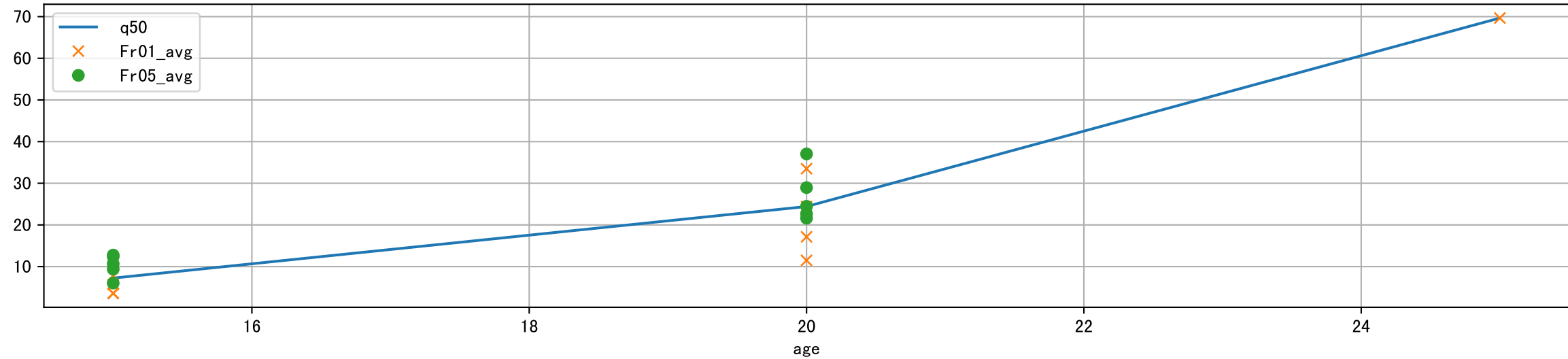
age=25



FrV: model Est vs obsFrV at Q90

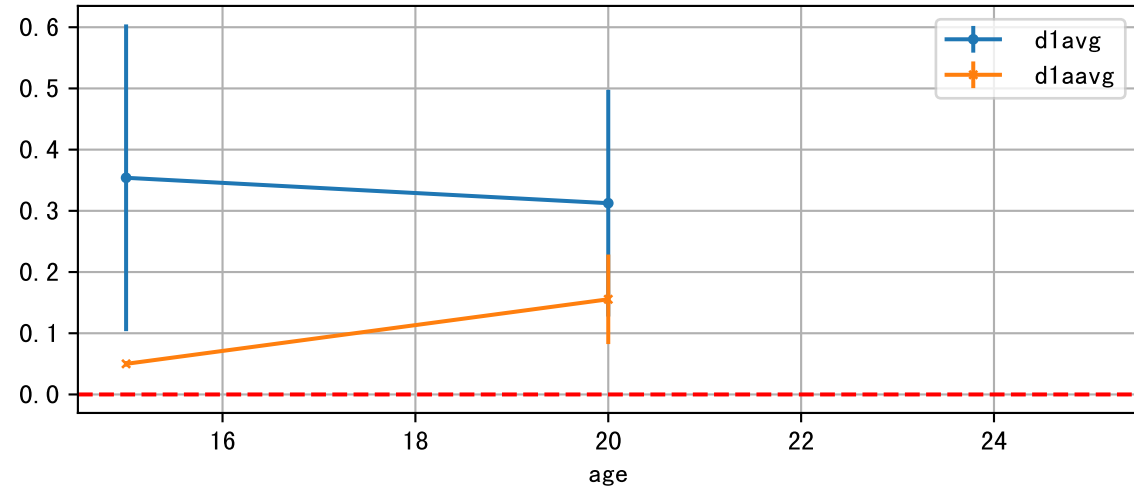


FrV: obsFrV vs obsFrV@Q90

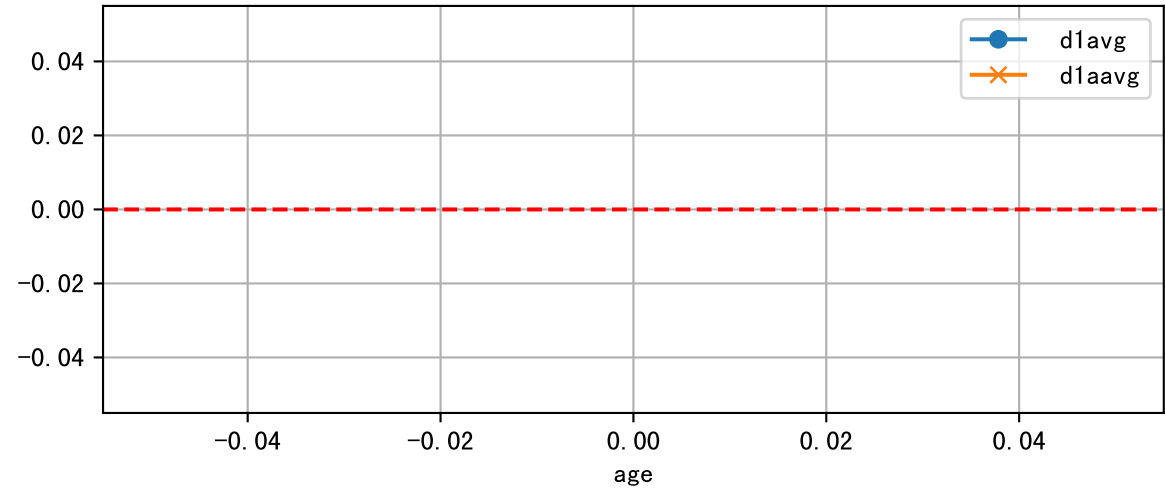


FrV: D_Fr1_FrV

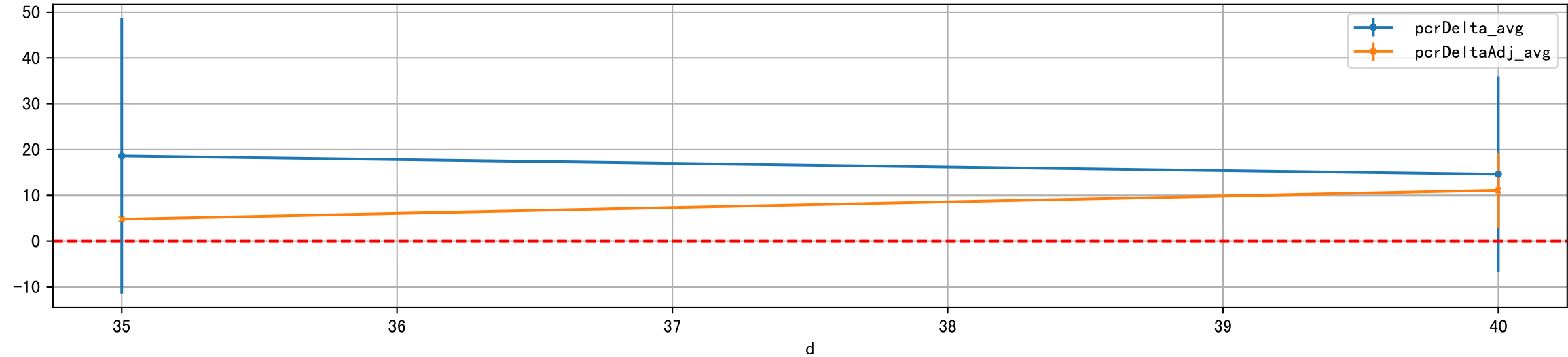
organID=1



organID=2

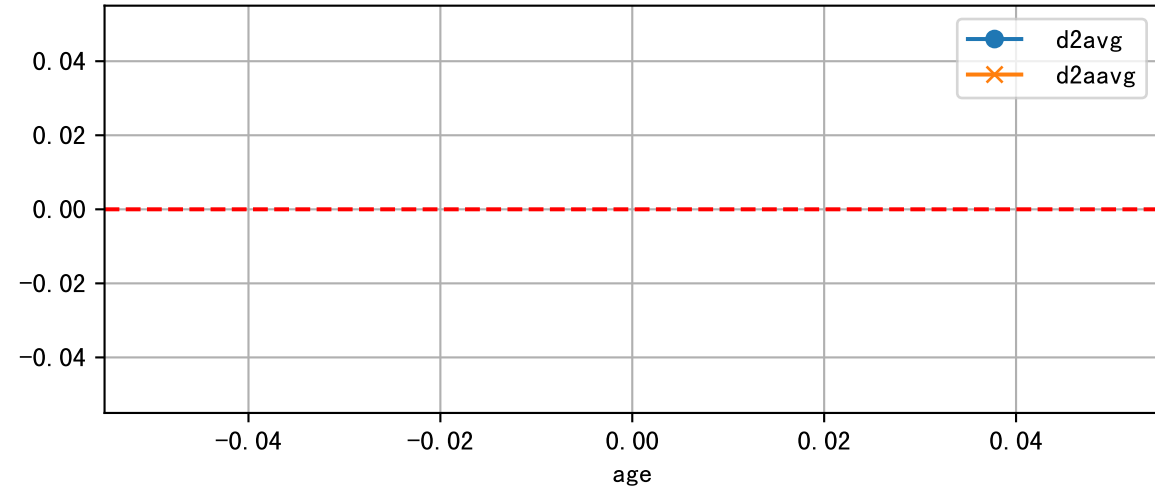


P6AW FrV: D_Fr1_FrV

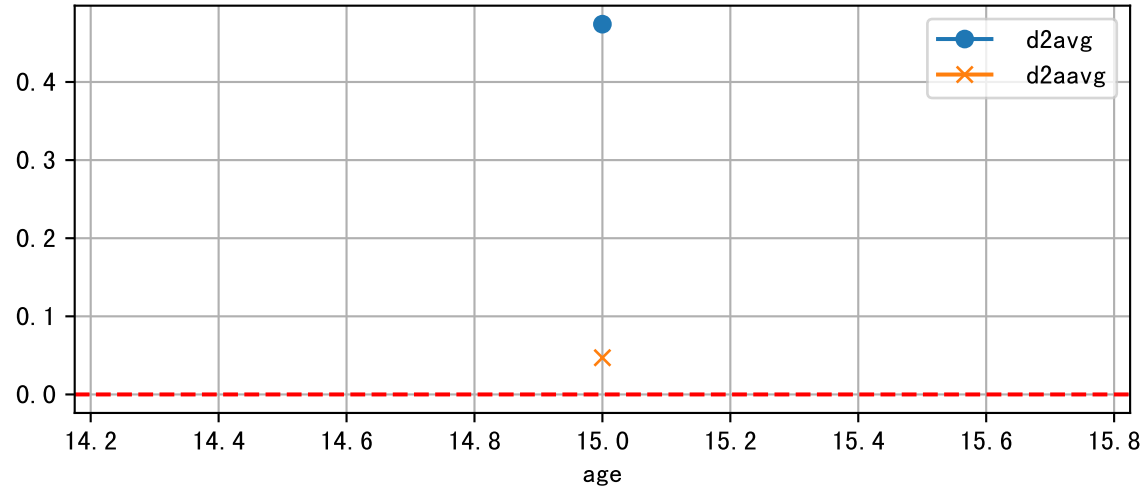


FrV: D_Ts_FrV

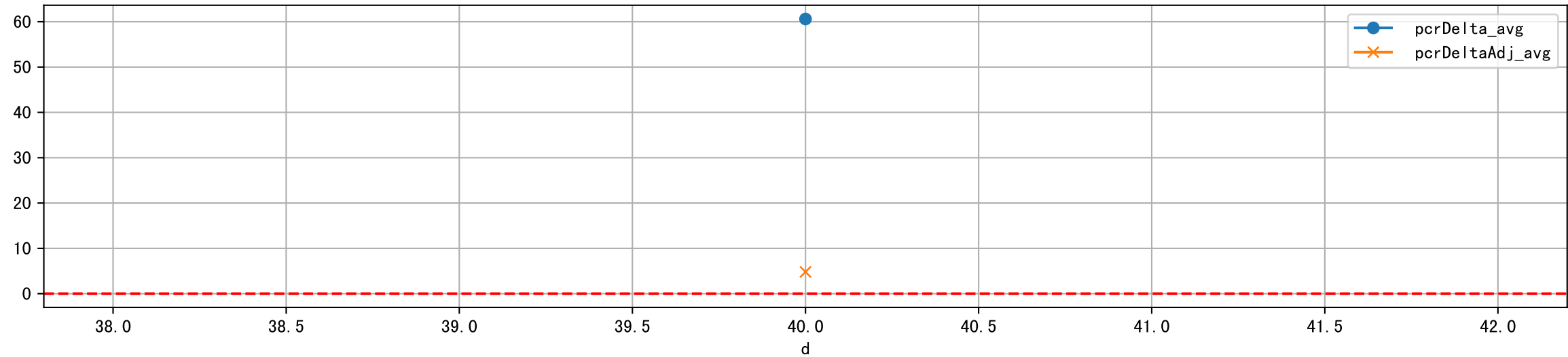
organID=1



organID=2

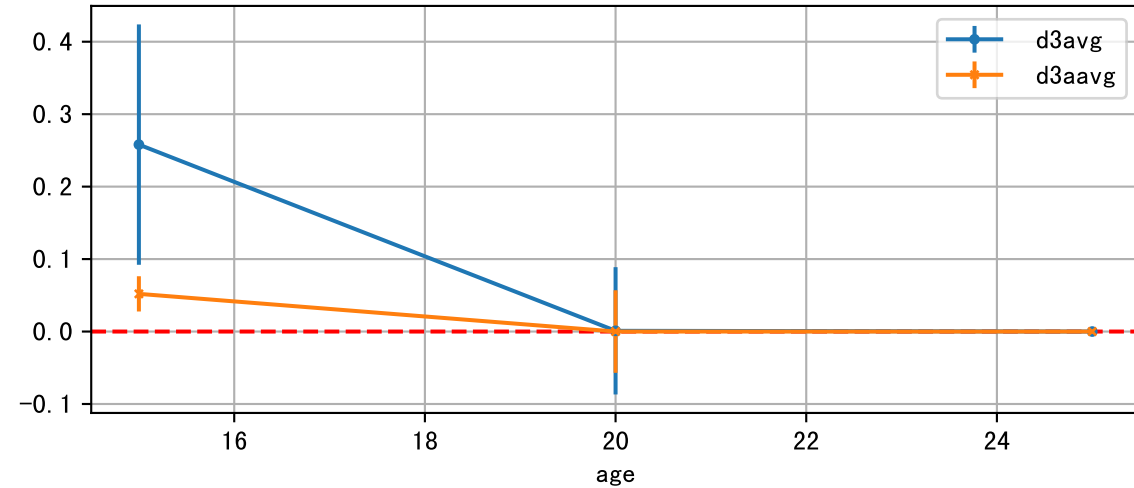


P6AW FrV: D_Ts_FrV

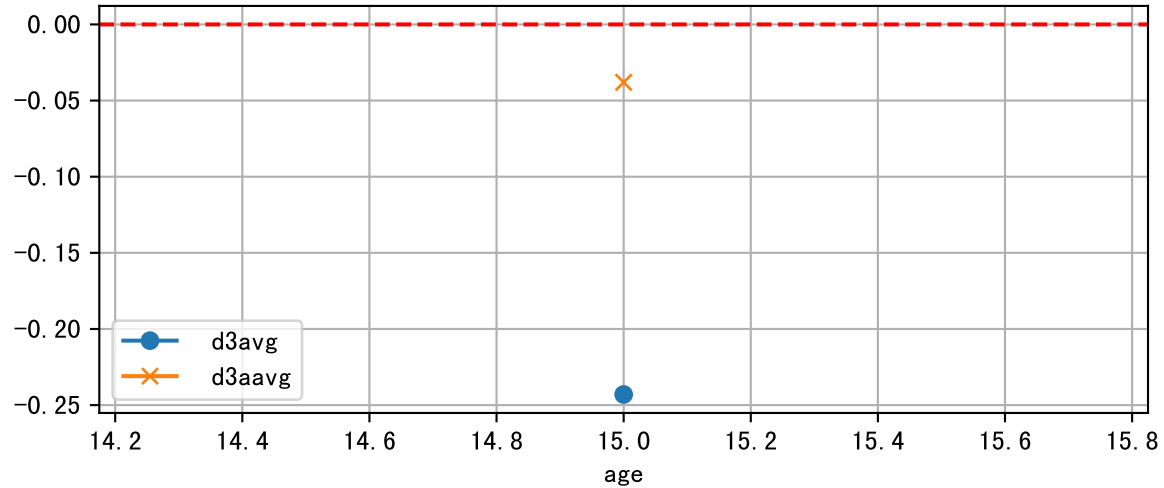


FrV: D_Q50_FrV

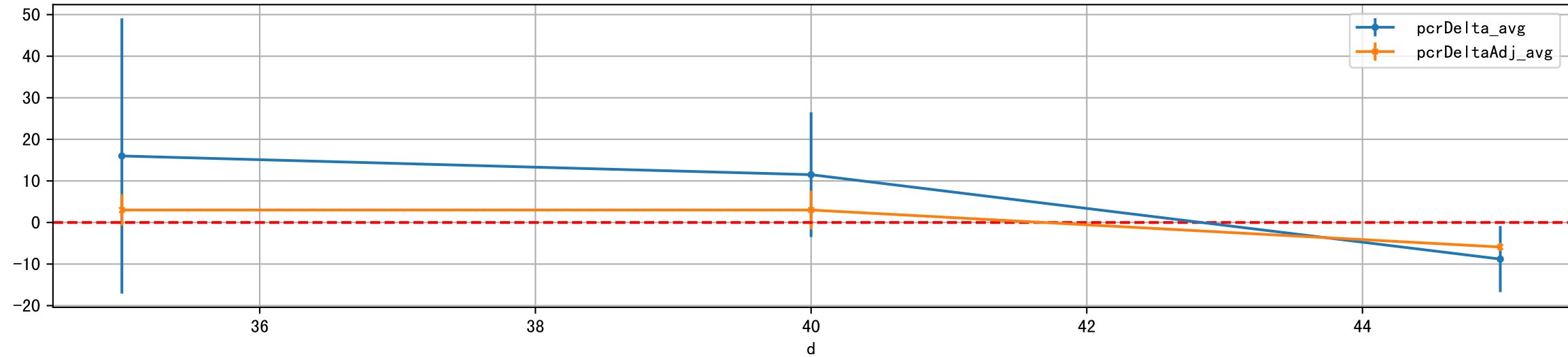
organID=1



organID=2

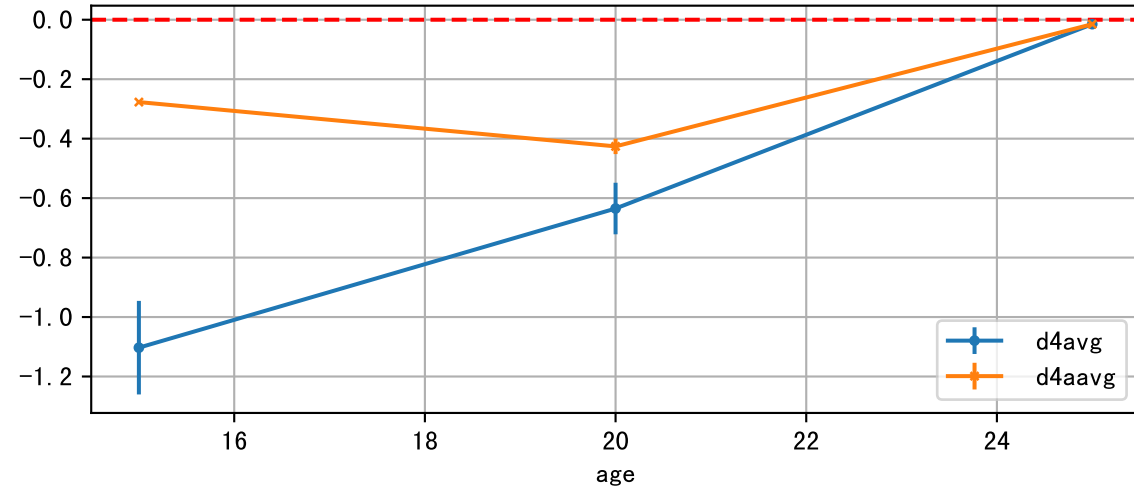


P6AW FrV: D_Q50_FrV



FrV: D_Est_FrV

organID=1



organID=2

