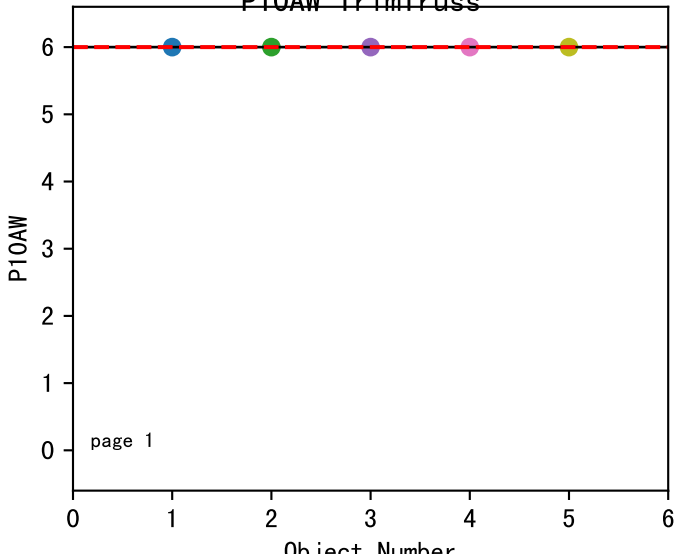


Phenotype Data Analysis Plots
PhenoData day range = 18 - 70
Analysis cutoff day = 70
NC11 P10
2025-12-28 (Day 71)

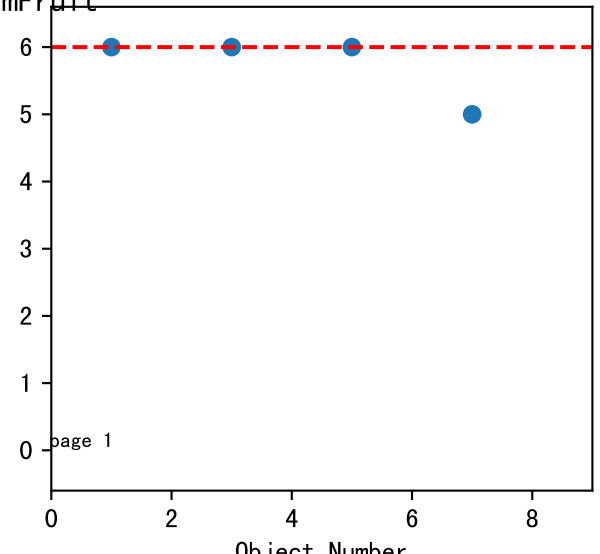
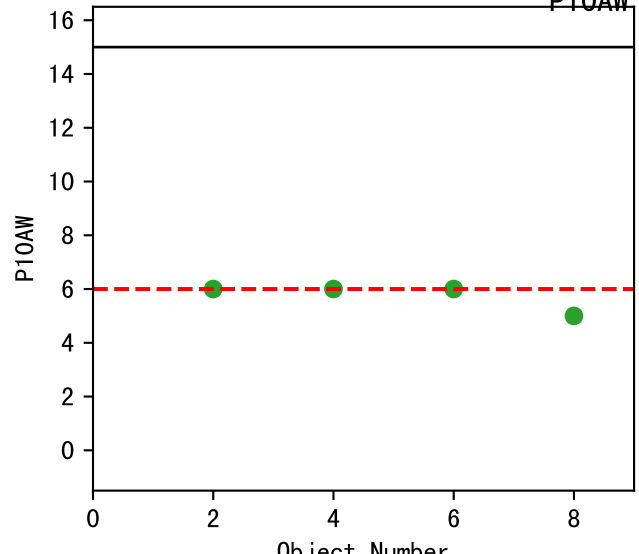
avg1=0.00% avg2=na
P10AW Truss



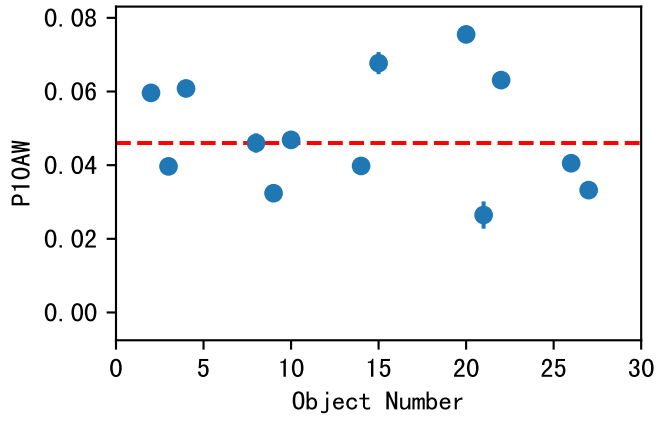
avg1=6.0 0% avg2=na

P10AW TrimFruit

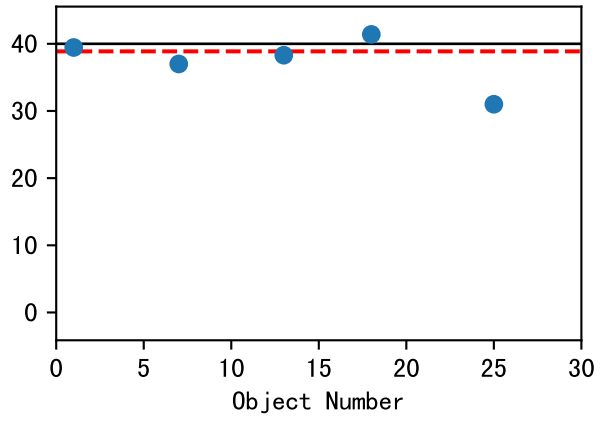
avg1=6.0 0% avg2=na



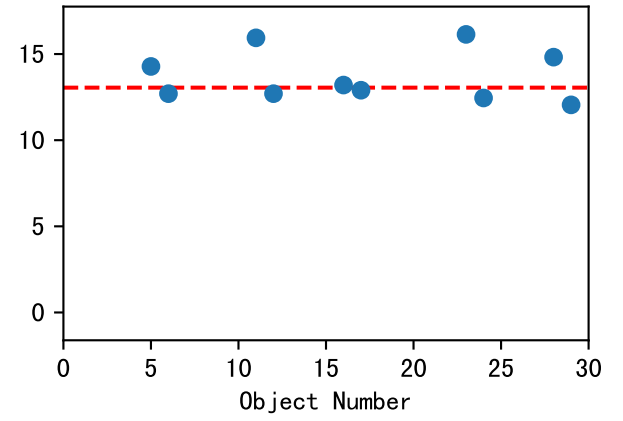
LTA_avgAbsY (Def=na Set=0.05)
avg1=0.05~33% avg2=na



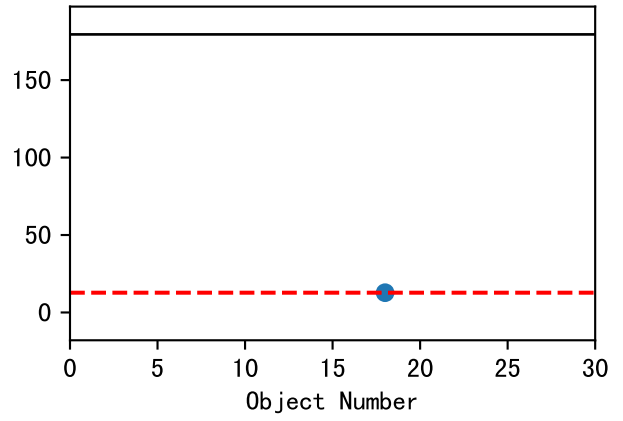
LTL_Q90AbsY (Def=40 Set=38.88)
avg1=38.88~51% avg2=na



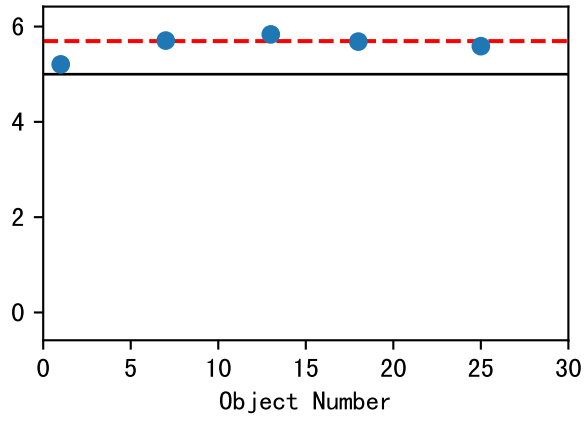
NdD_avgAbsY (Def=na Set=13.05)
avg1=13.05~11% avg2=na



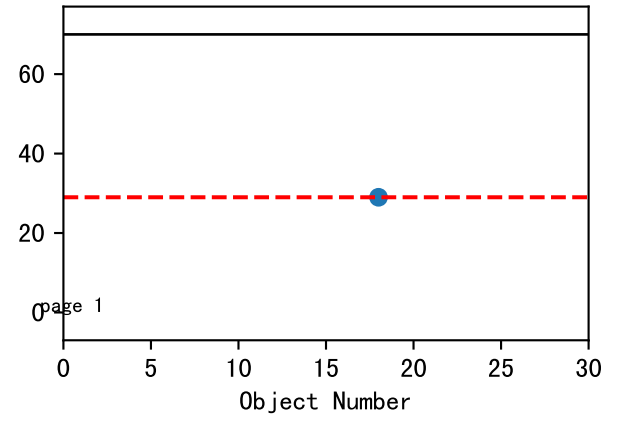
FrV_Q90AbsY (Def=179.5 Set=179.5)
avg1=12.76 avg2=na



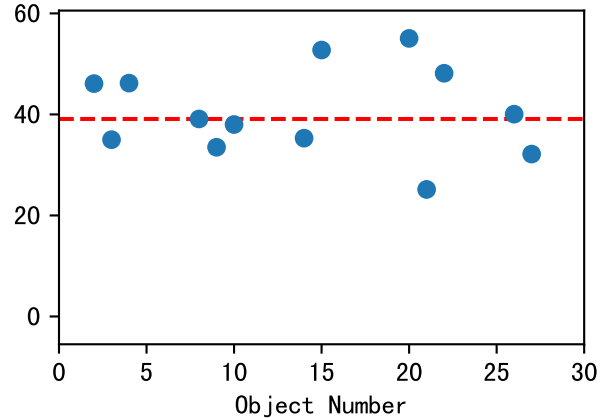
NdL_Q90AbsY (Def=5 Set=5.7)
avg1=5.7~2% avg2=na



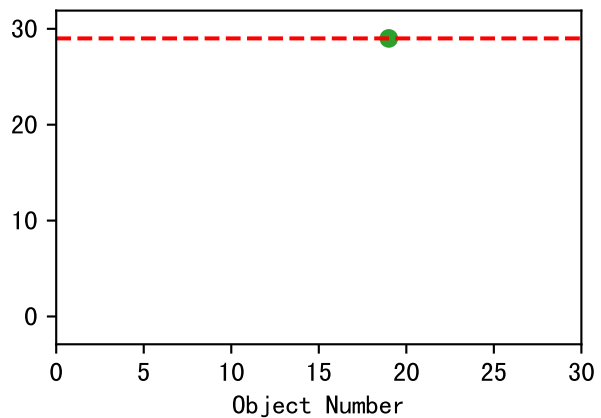
FrD_Q90AbsY (Def=70 Set=70)
avg1=29.0 avg2=na



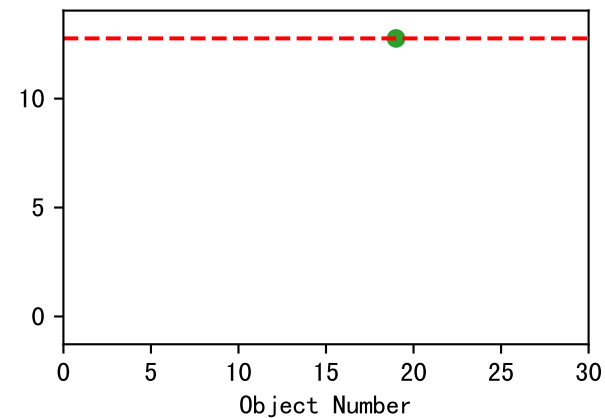
LfW_avgAbsY (Def=na Set=39.1)
avg1=39.1~22% avg2=na



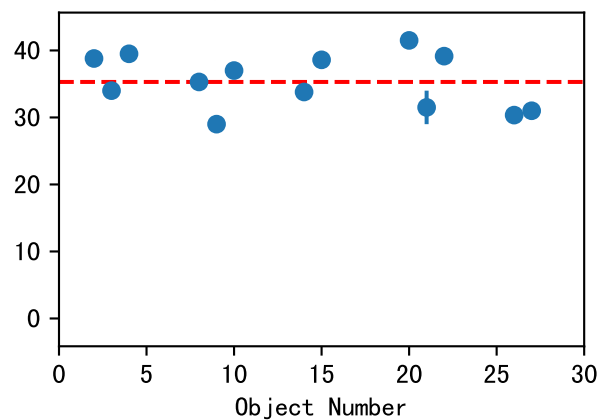
FrD_avgAbsY (Def=na Set=na)
PIAW=29.0 Set=na



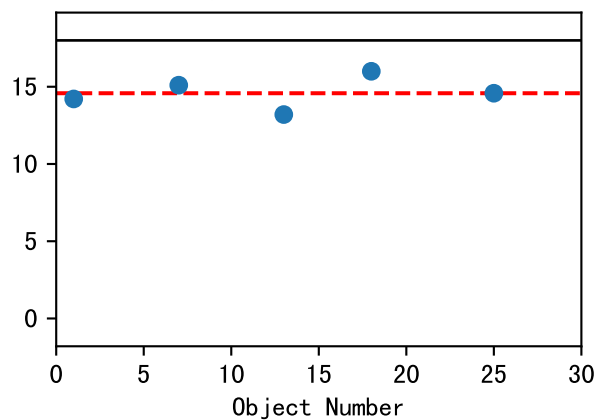
FrV_avgAbsY (Def=na Set=na)
avg1=12.76 avg2=na



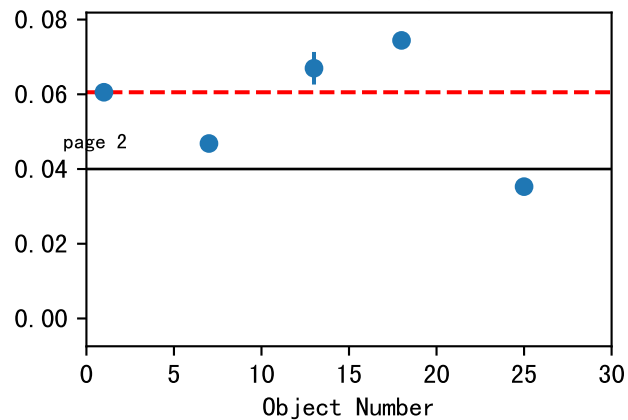
LfL_avgAbsY (Def=na Set=35.3)
avg1=35.3~12% avg2=na

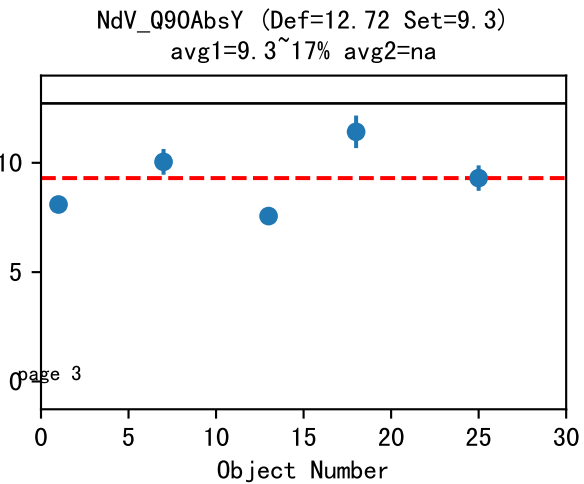
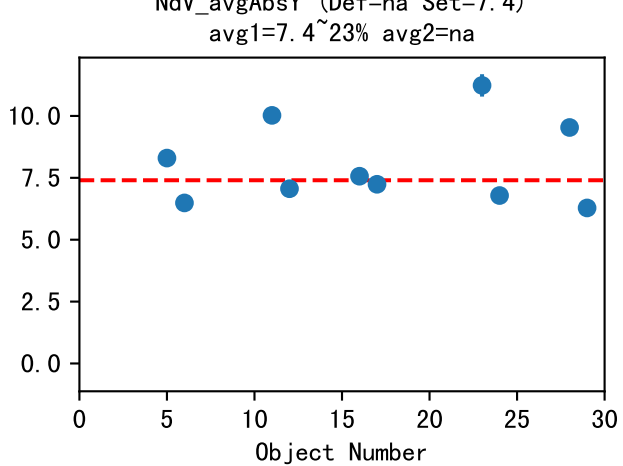
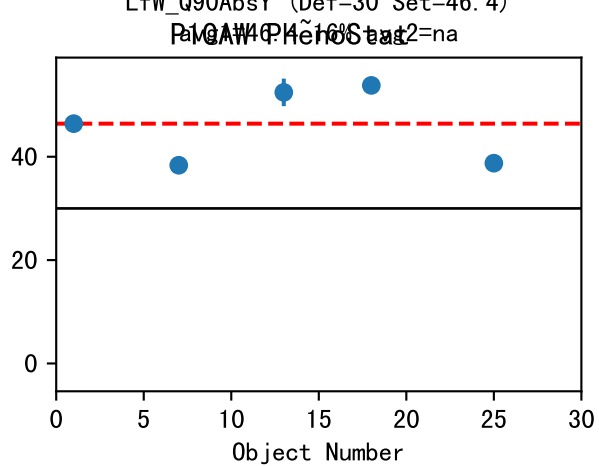
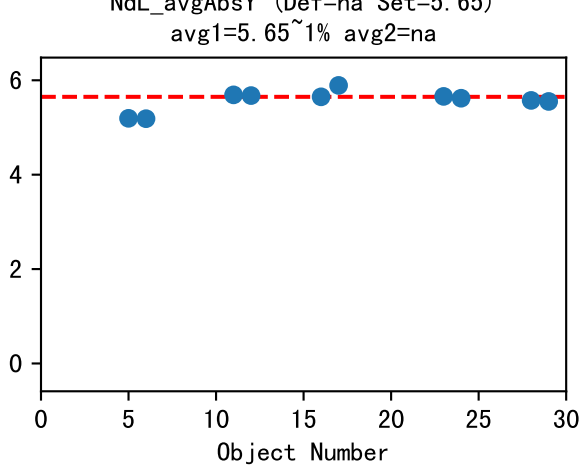


NdD_Q90AbsY (Def=18 Set=14.58)
avg1=14.58~7% avg2=na

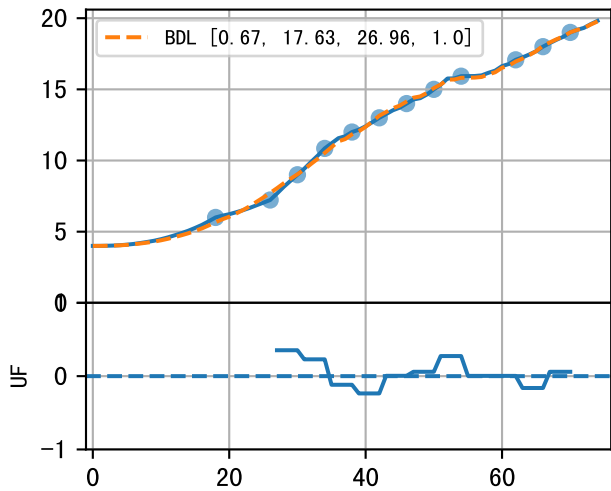


LfA_Q90AbsY (Def=0.04 Set=0.06)
avg1=0.06~26% avg2=na

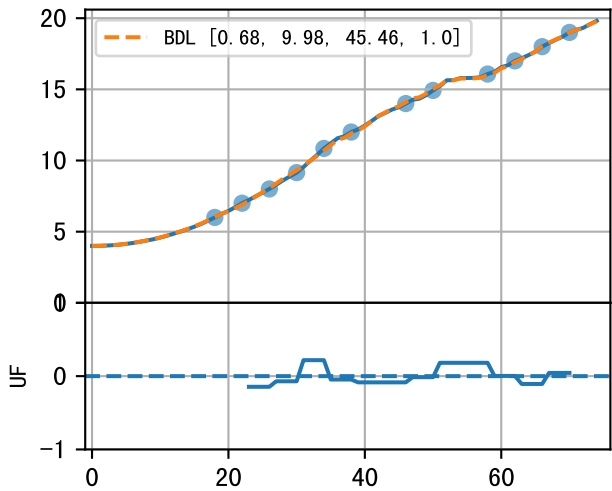




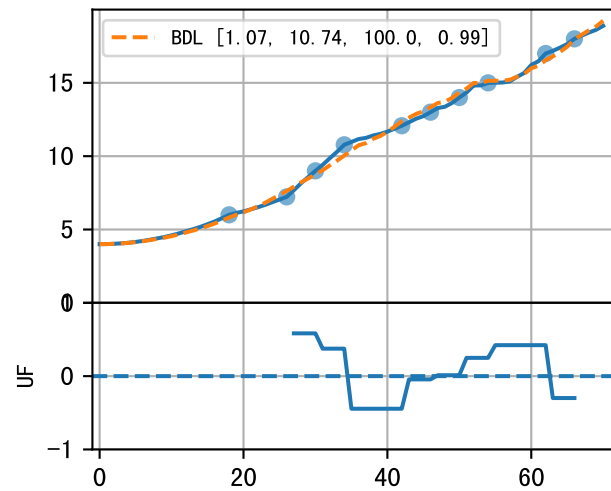
P10AW-004-12 (fit failed)



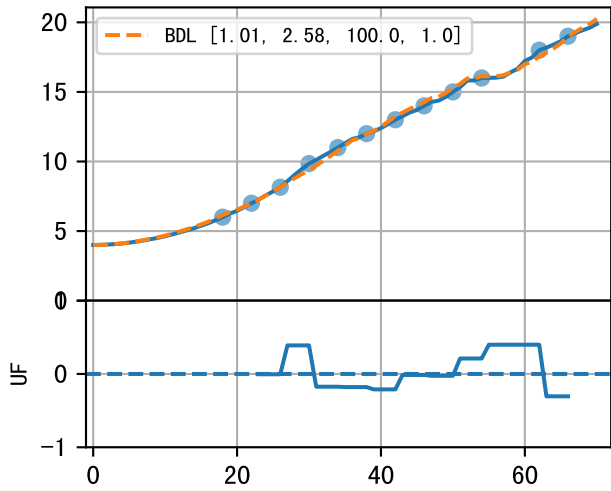
P10AW-010-25 (fit failed)



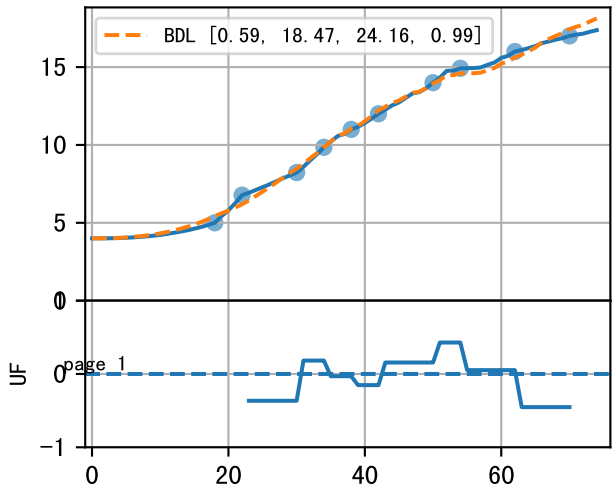
P10AW-017-16 (fit failed)



P10AW-025-3 (fit failed)

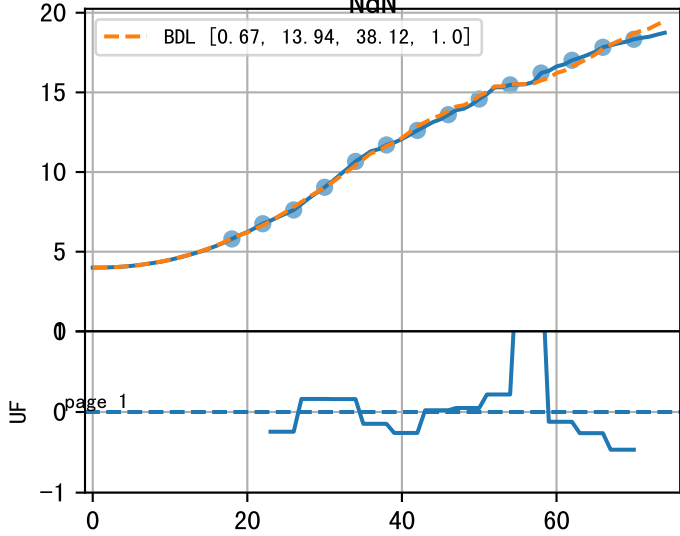


P10AW-032-33 (fit failed)



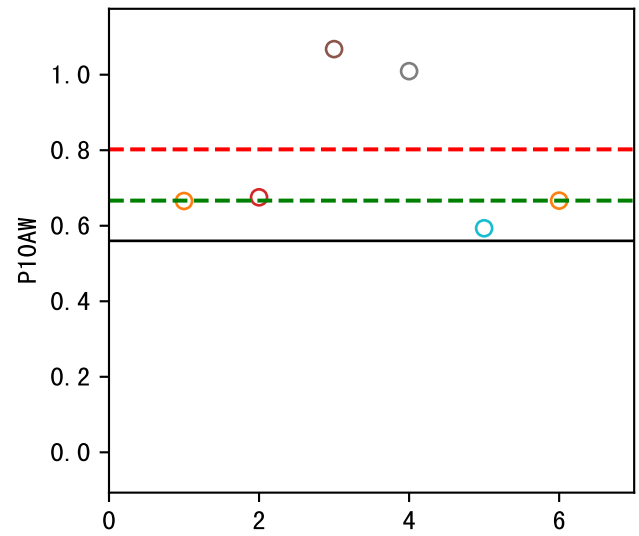
PIOWavg (1st failed)
NdN

BDL [0.67, 13.94, 38.12, 1.0]

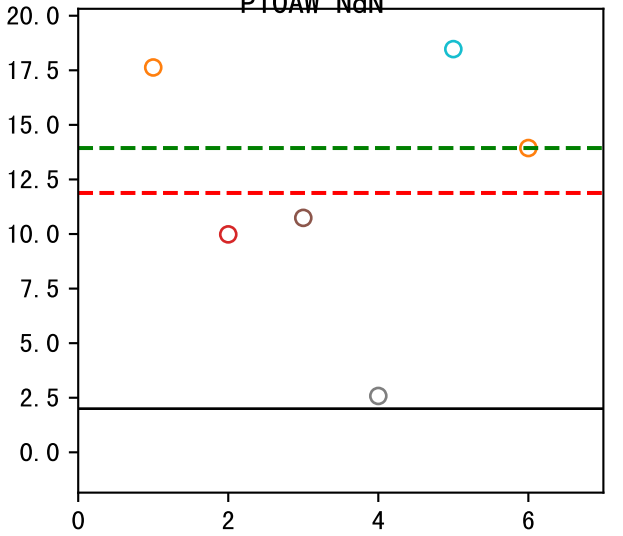


page 1

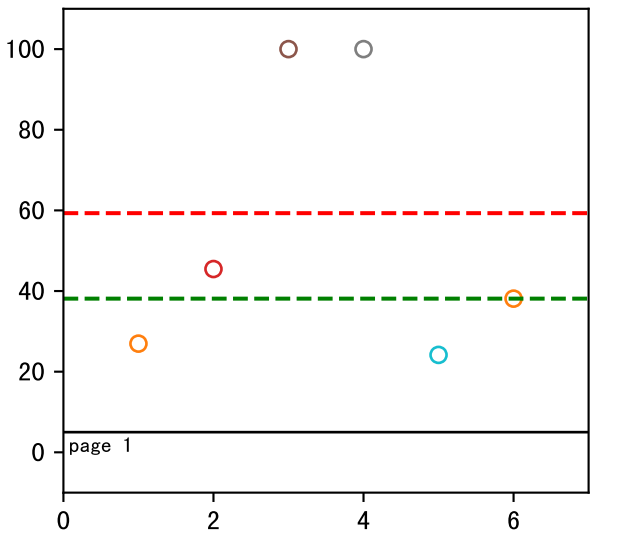
avg1=0.8 (fail) avg2=0.67

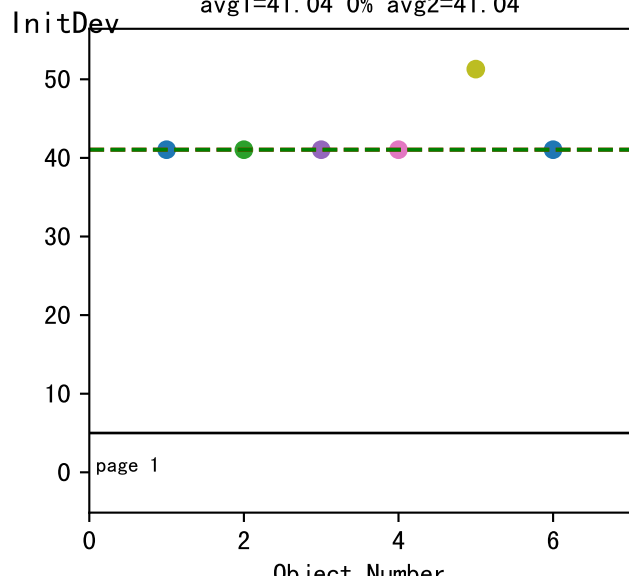
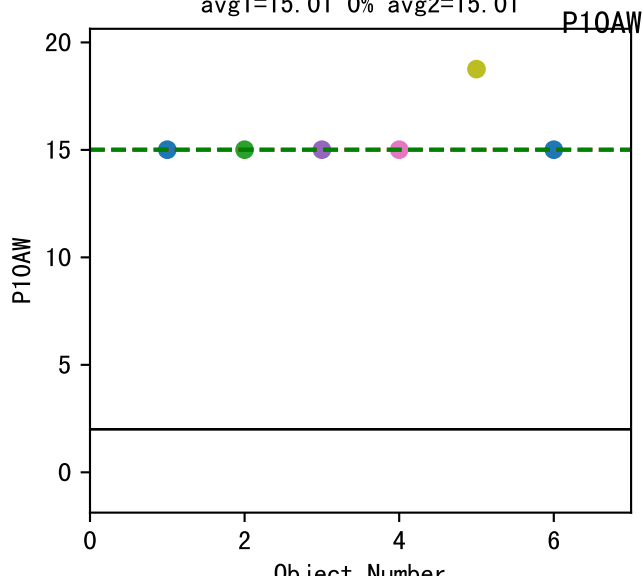


avg1=11.88 (fail) avg2=13.94

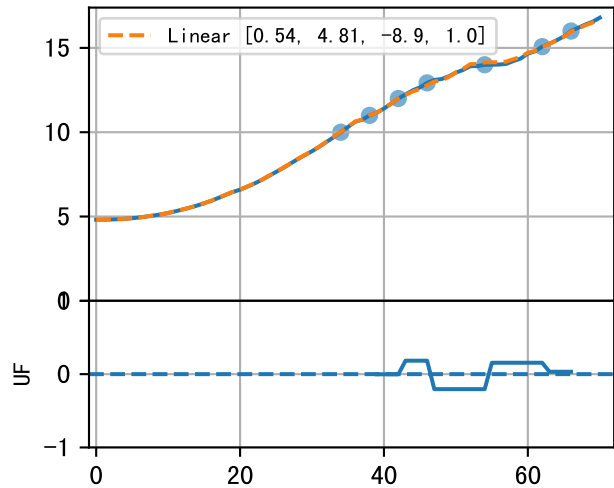


avg1=59.31 (fail) avg2=38.12

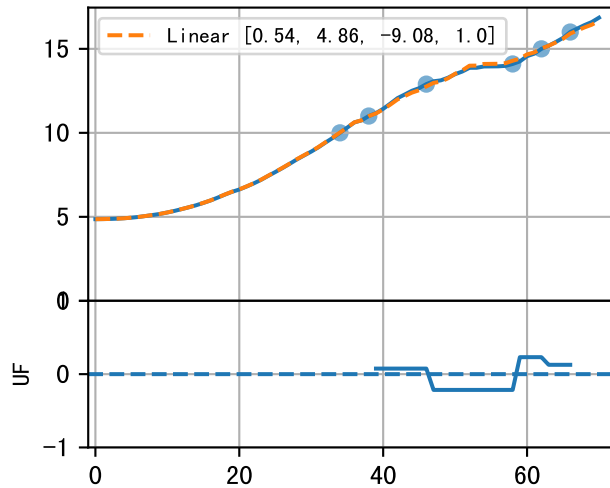




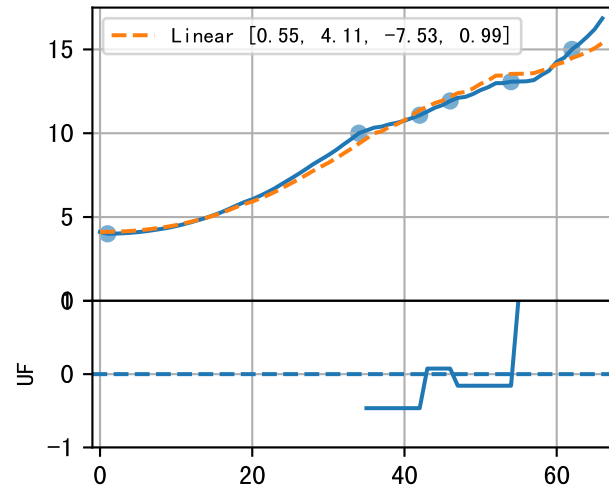
P10AW-004-12



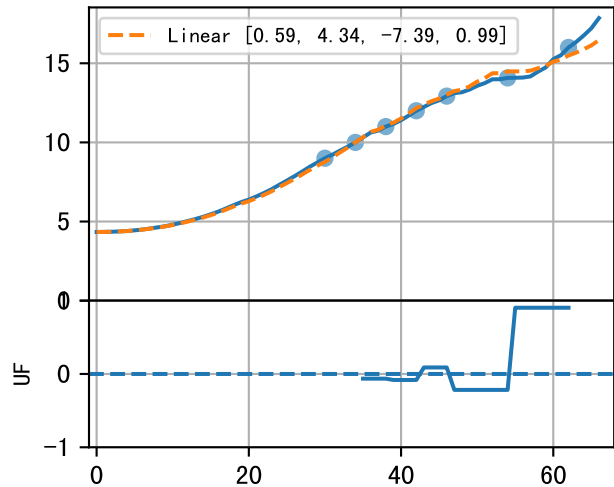
P10AW-010-25



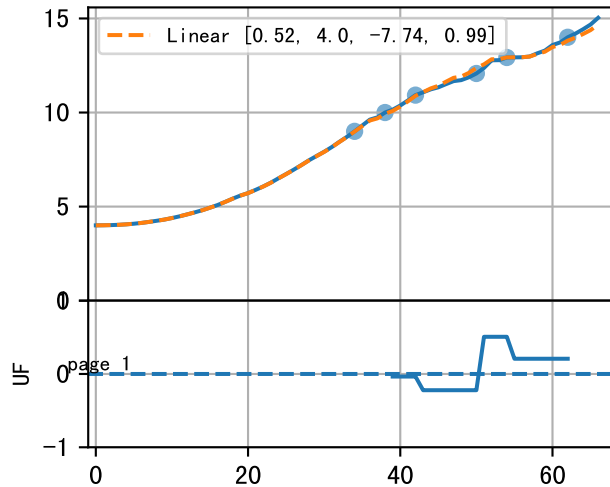
P10AW-017-16



P10AW-025-3

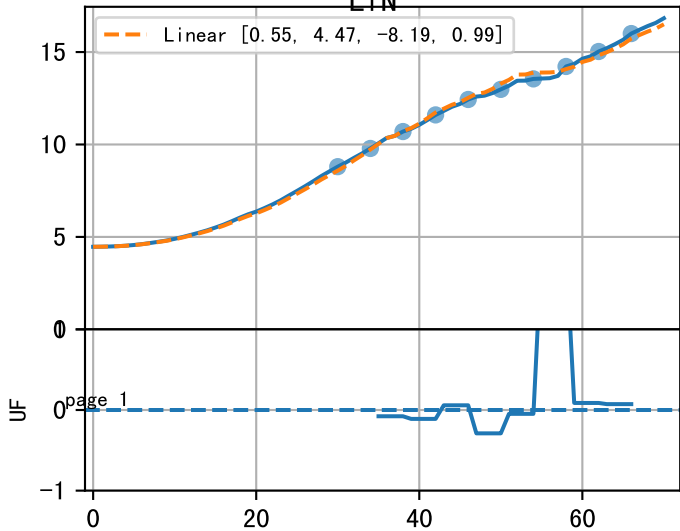


P10AW-032-33



PTUavg
Lfn

Linear [0.55, 4.47, -8.19, 0.99]

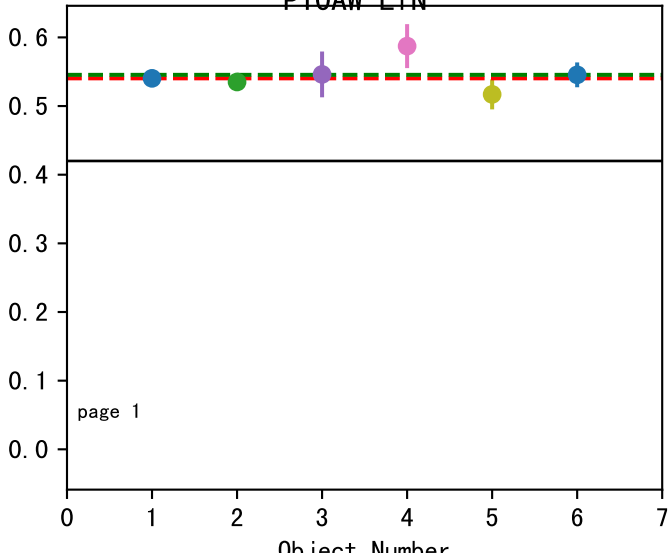


page 1

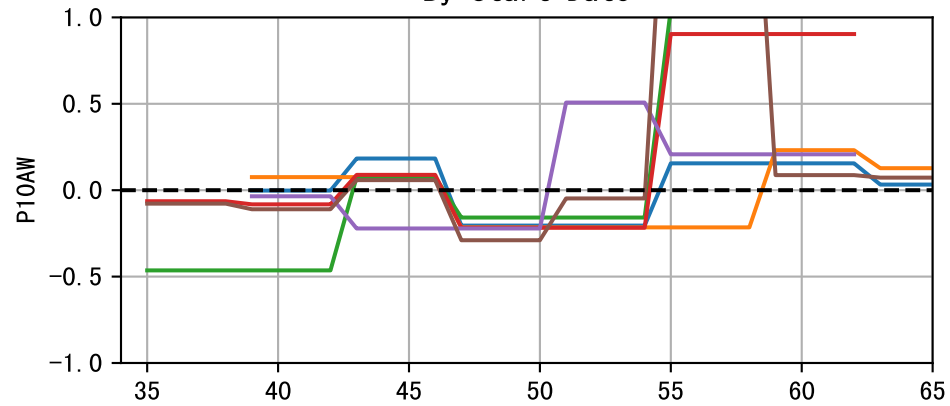
avg1=0.54 1% avg2=0.55 1%

P10AW LFN

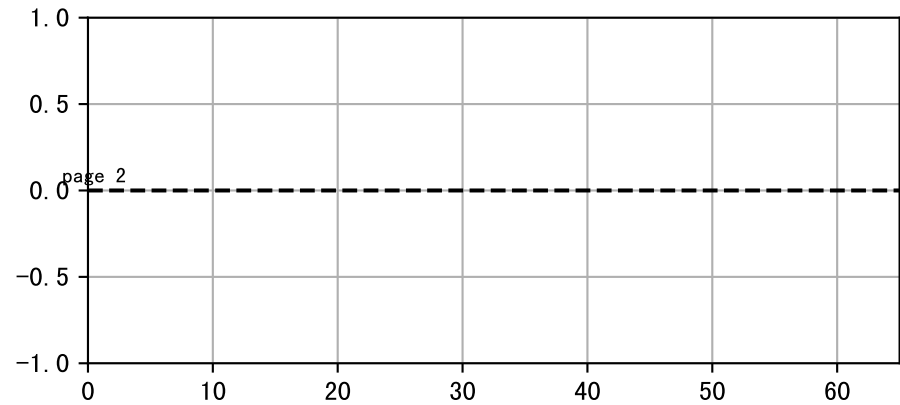
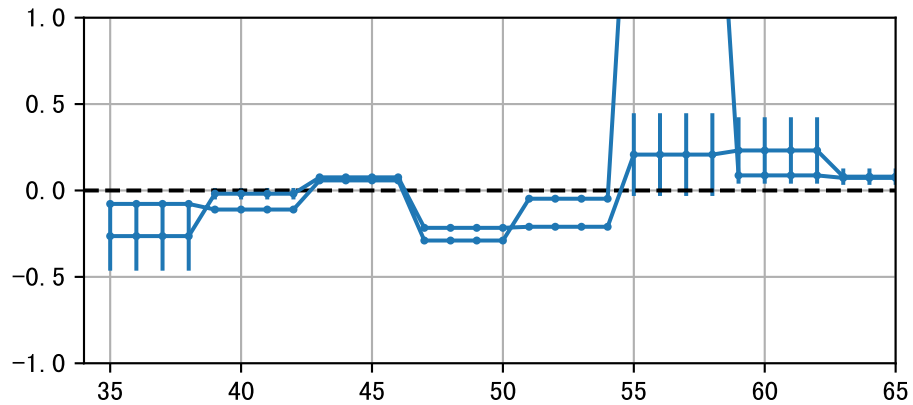
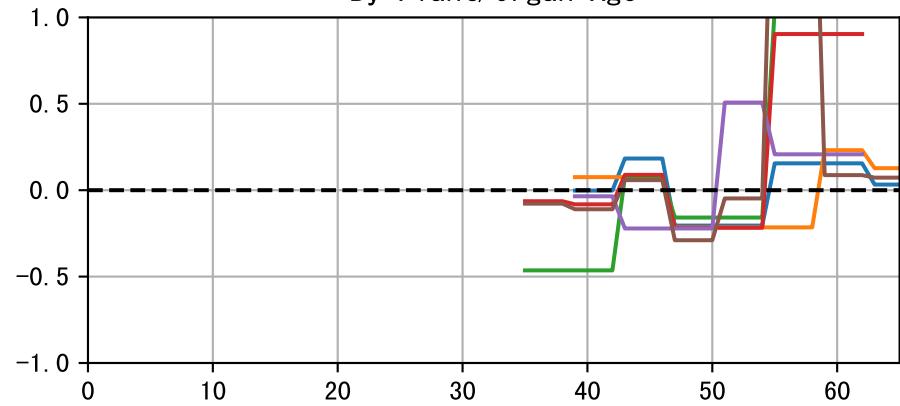
P10AW



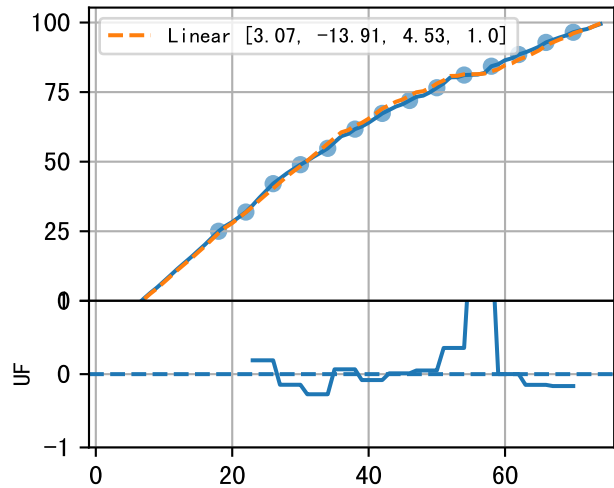
By Start Date



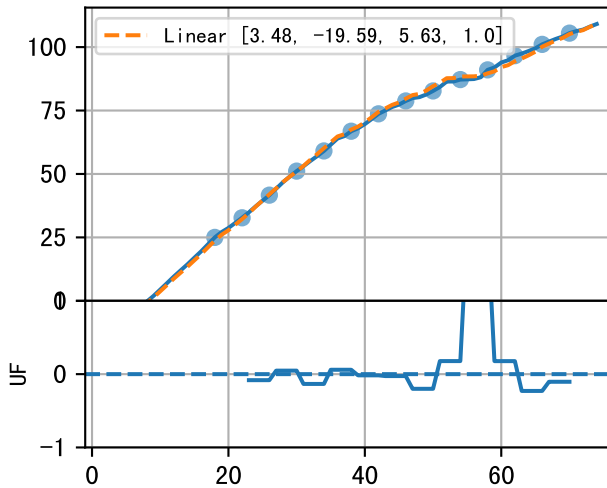
By Plant/Organ Age



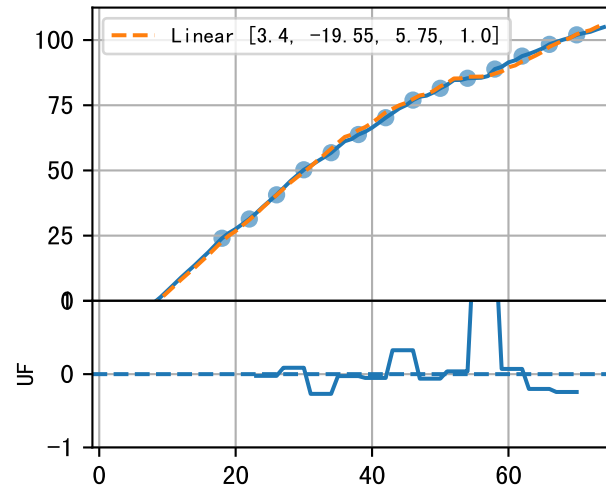
P10AW-004-12



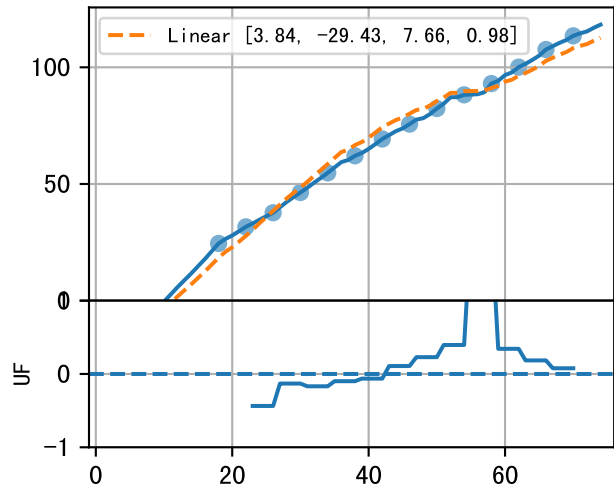
P10AW-010-25



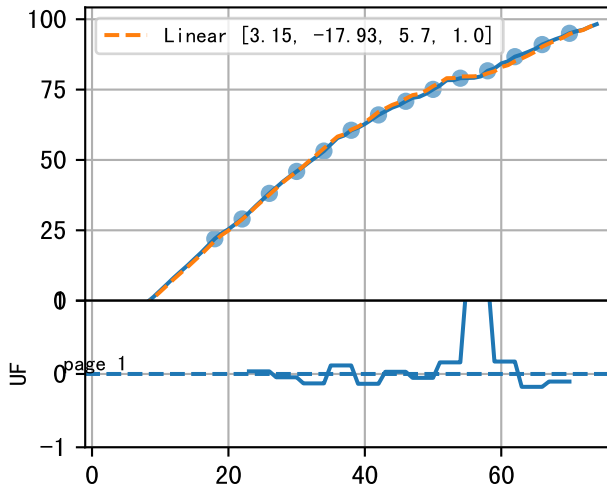
P10AW-017-16



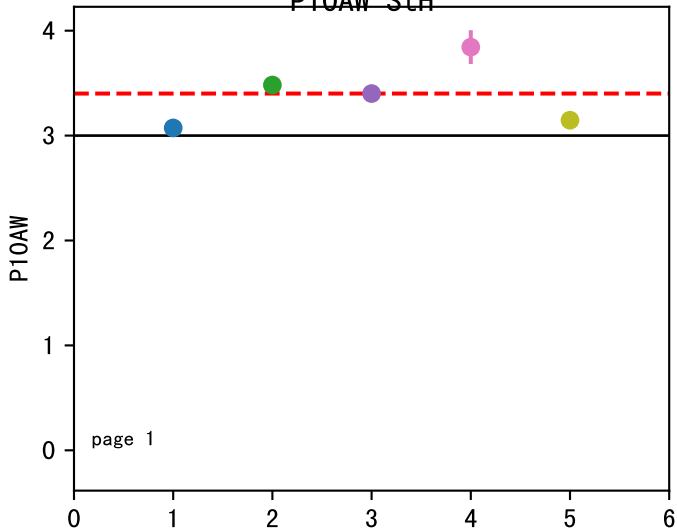
P10AW-025-3



P10AW-032-33

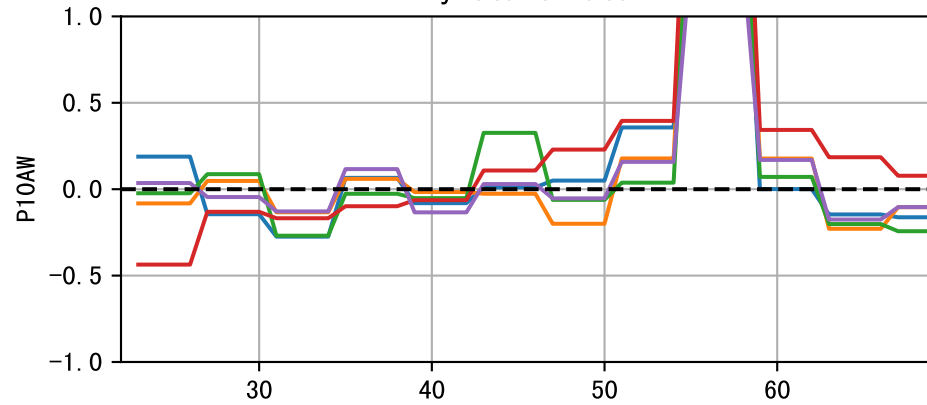


avg1=3.49% avg2=na
P10AW StH

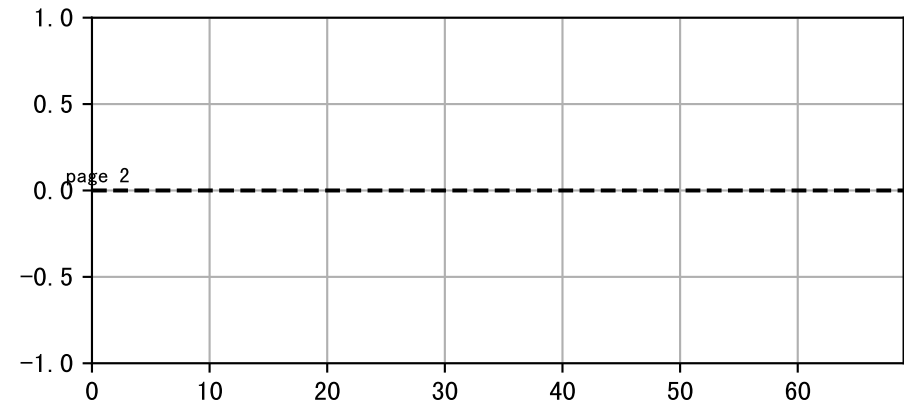
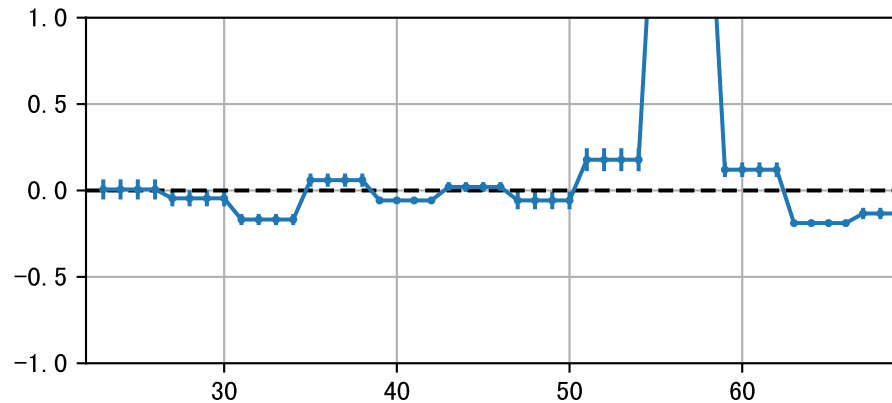
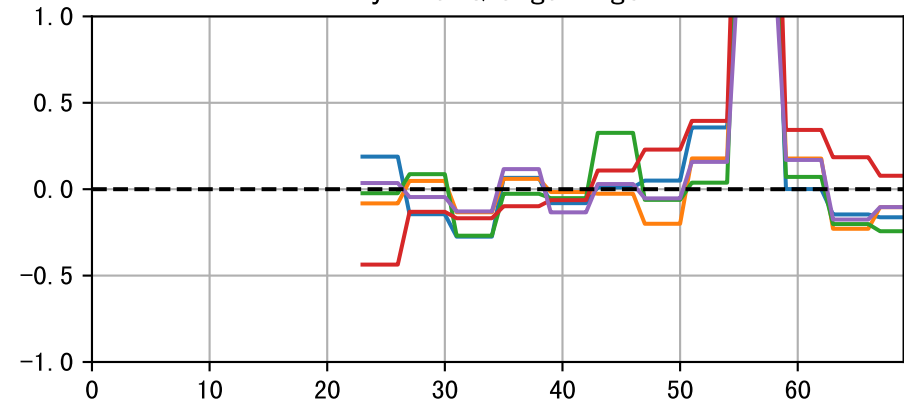


page 1

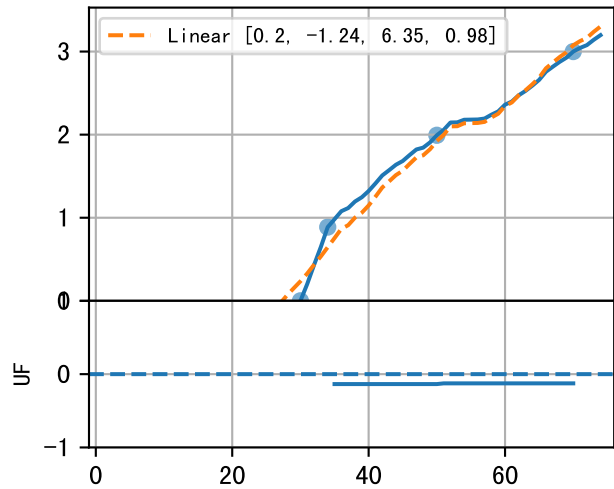
By Start Date



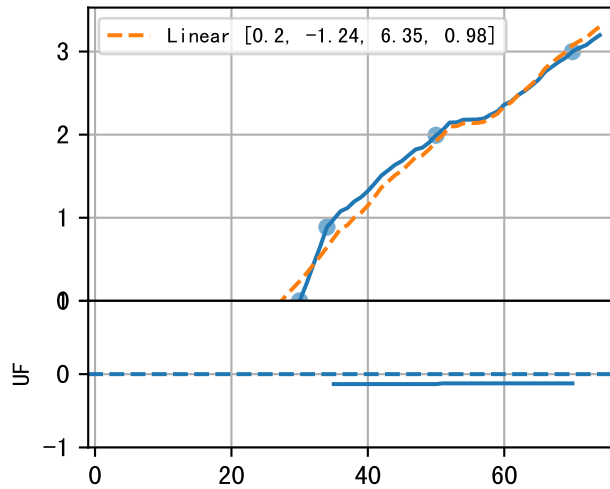
By Plant/Organ Age



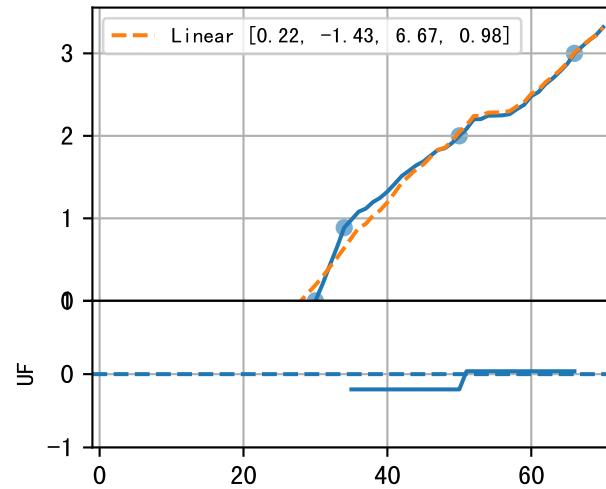
P10AW-004-12



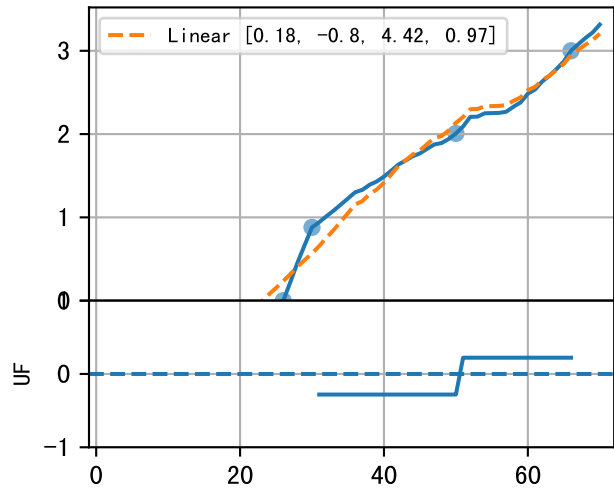
P10AW-010-25



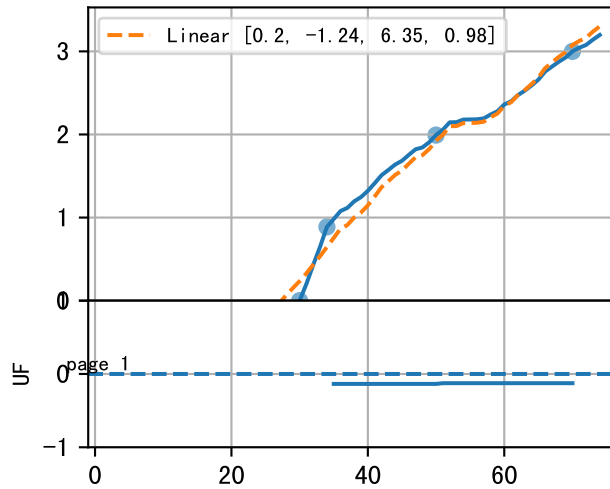
P10AW-017-16



P10AW-025-3



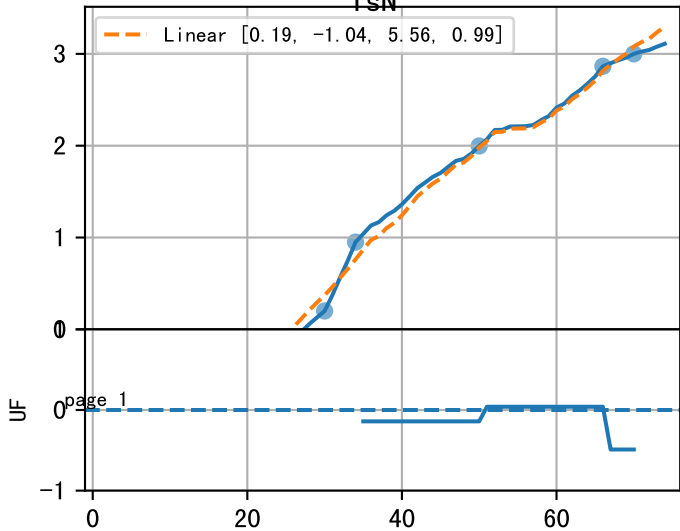
P10AW-032-33



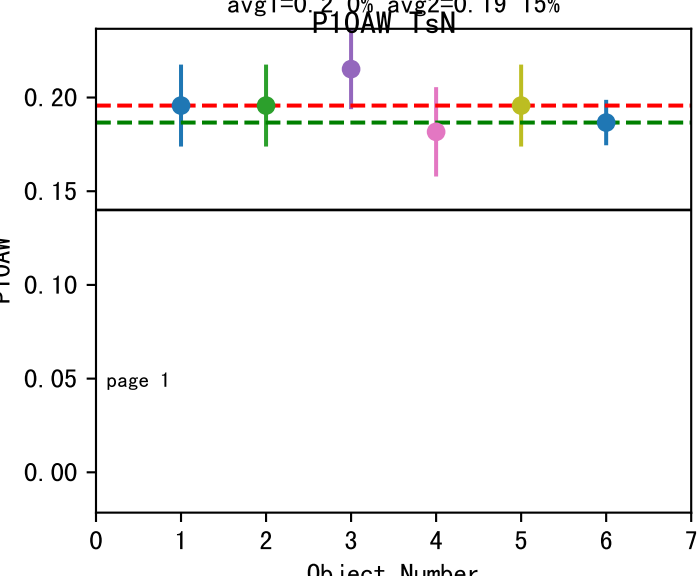
PTQWavg

Tsn

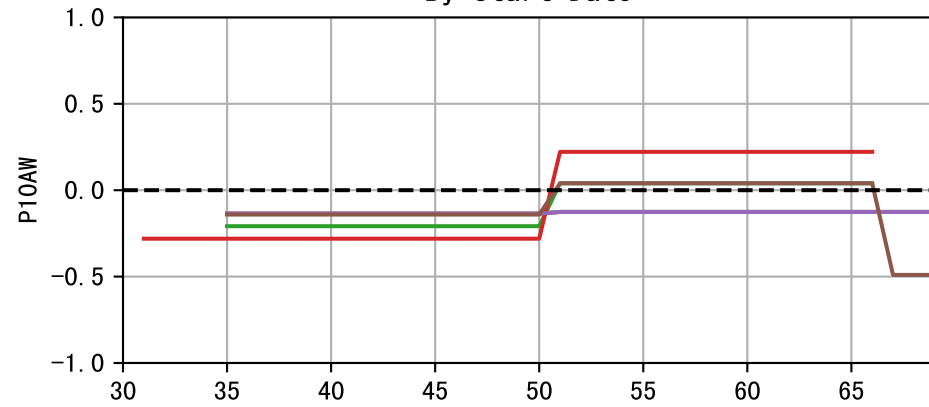
Linear [0.19, -1.04, 5.56, 0.99]



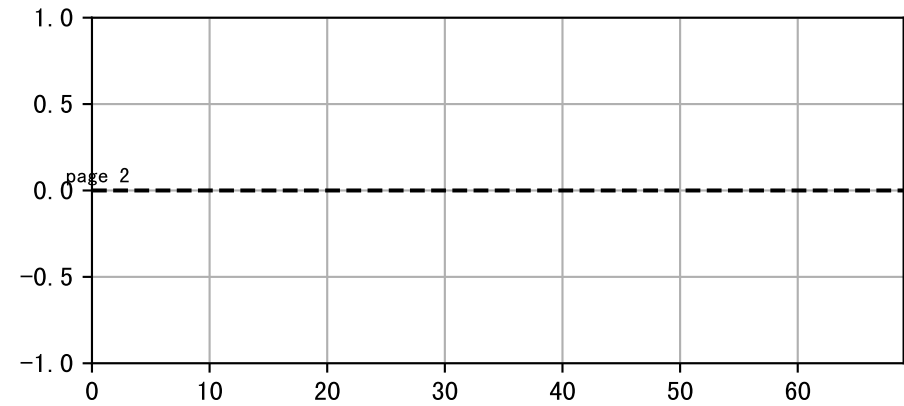
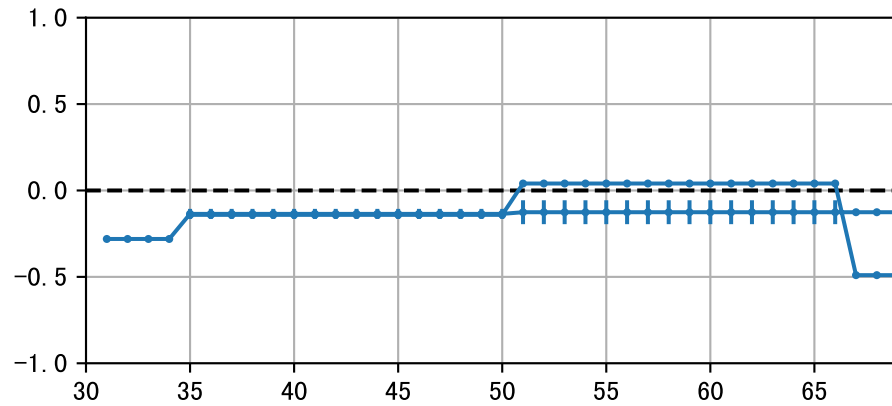
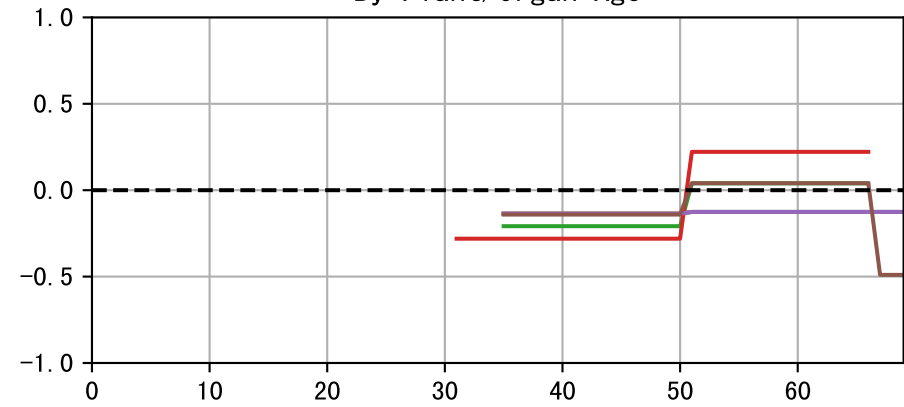
page 1



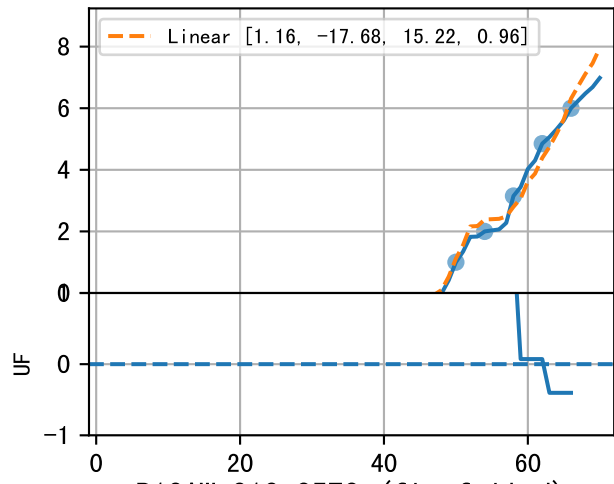
By Start Date



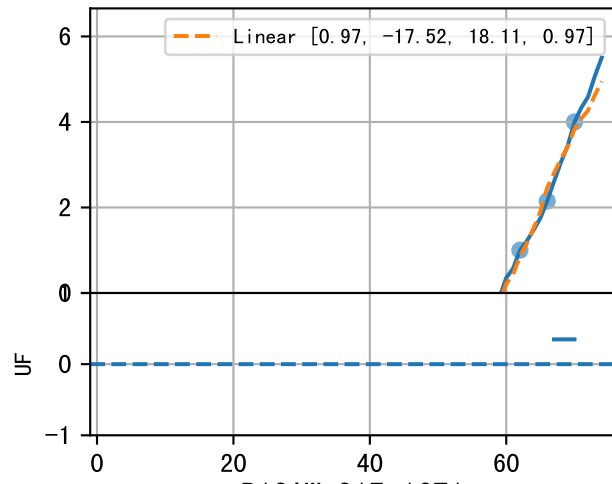
By Plant/Organ Age



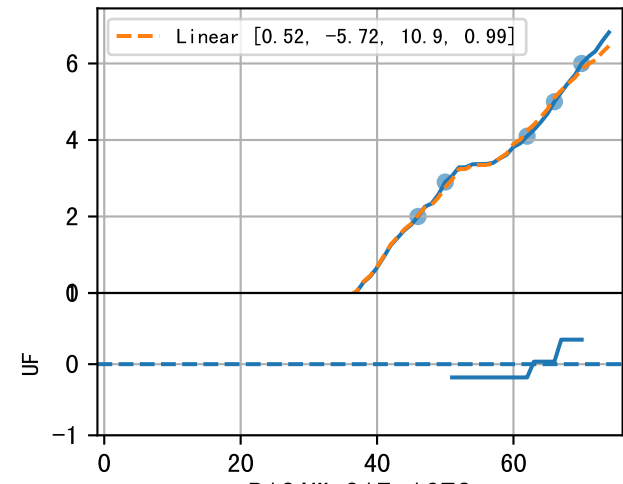
P10AW-004-12T1



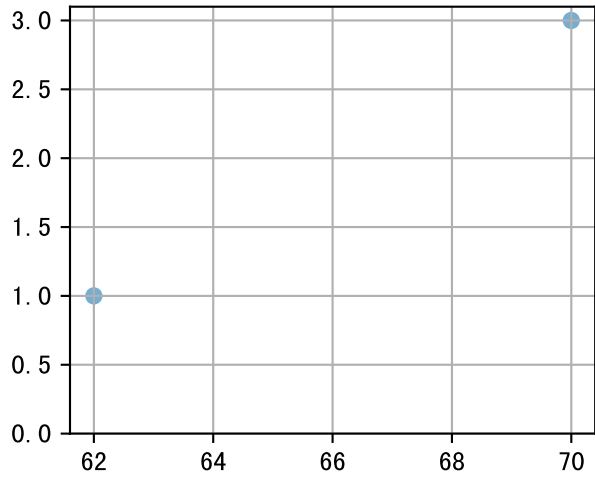
P10AW-004-12T2



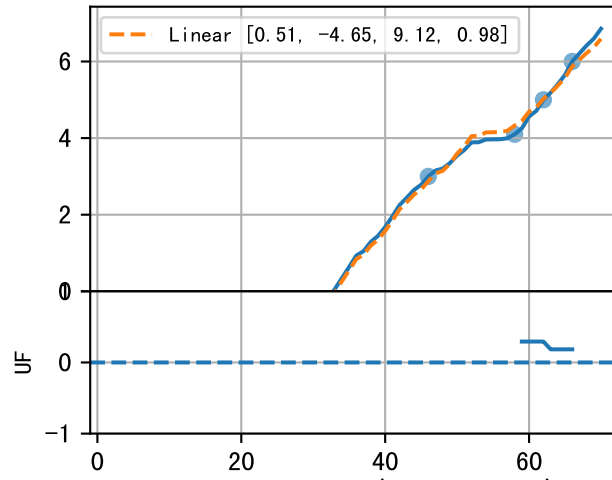
P10AW-010-25T1



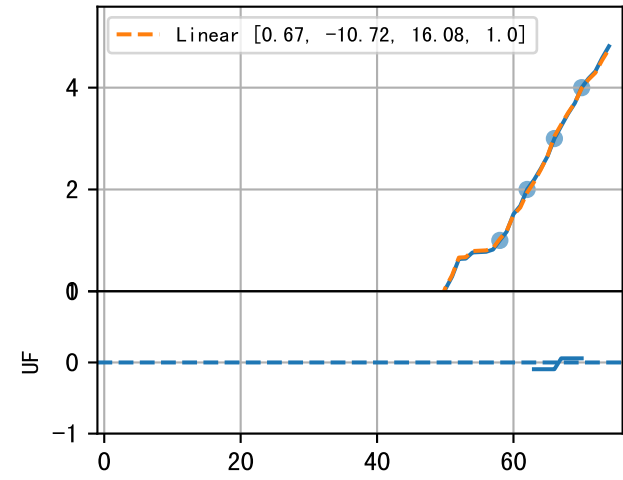
P10AW-010-25T2 (fit failed)



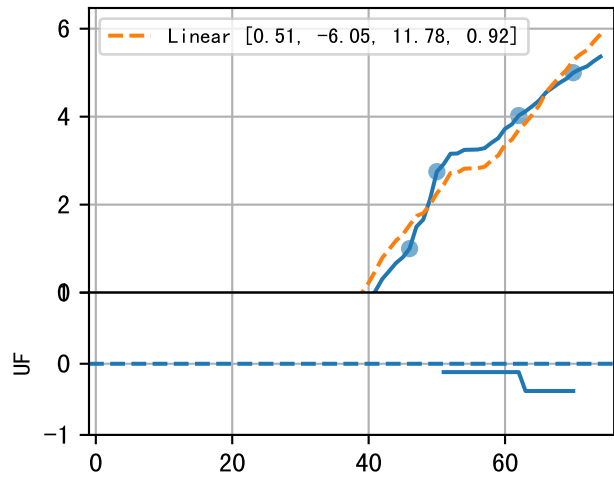
P10AW-017-16T1



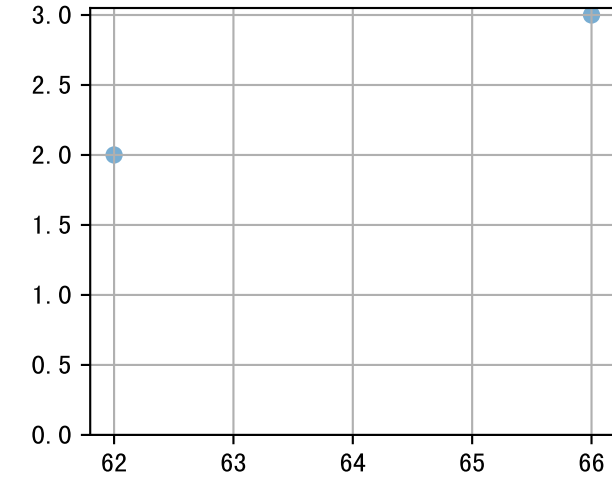
P10AW-017-16T2



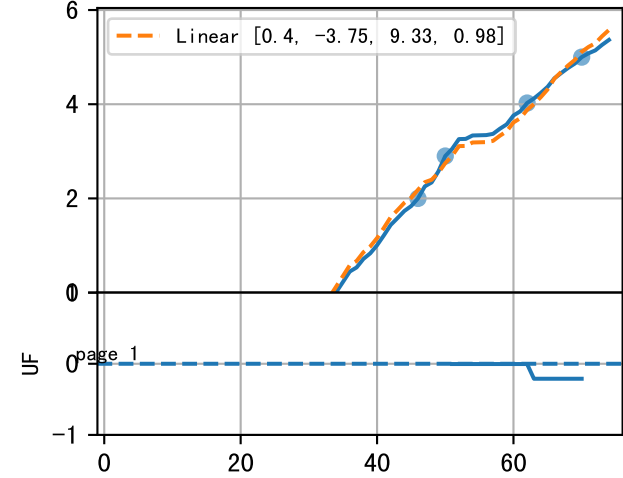
P10AW-025-3T1



P10AW-025-3T2 (fit failed)

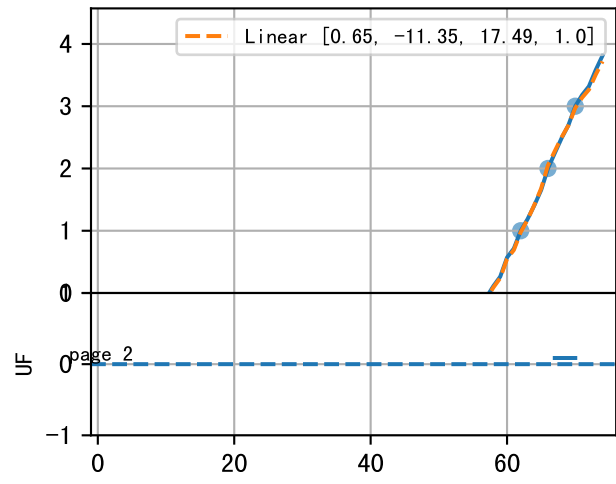


P10AW-032-33T1

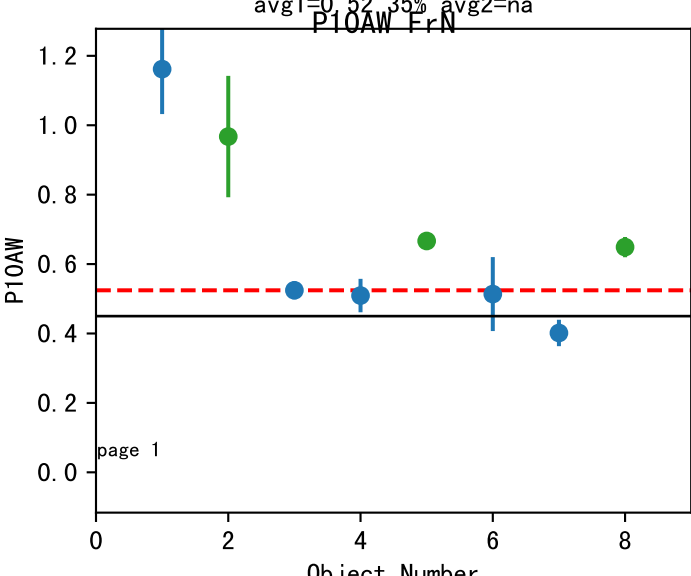


P10AW-032-33T2

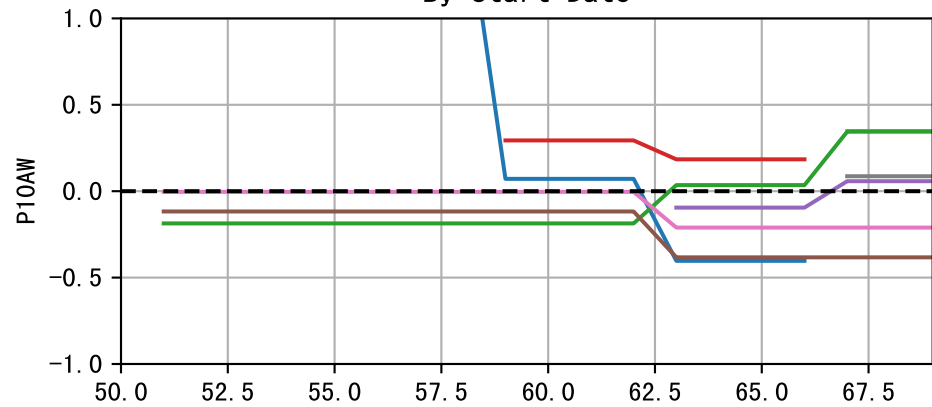
FrN



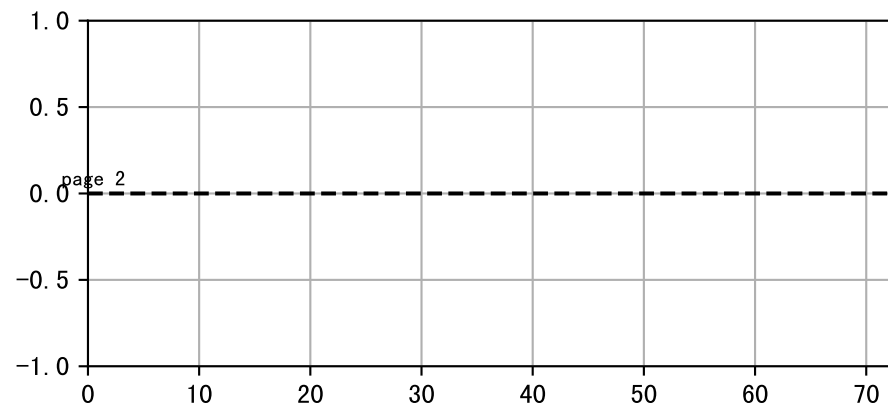
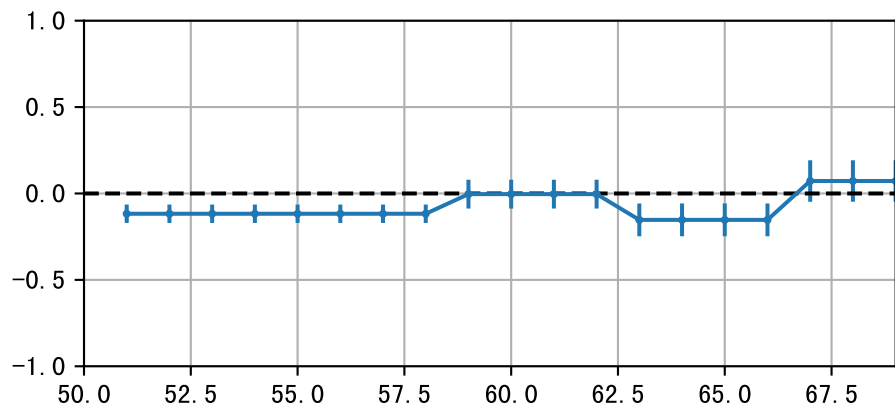
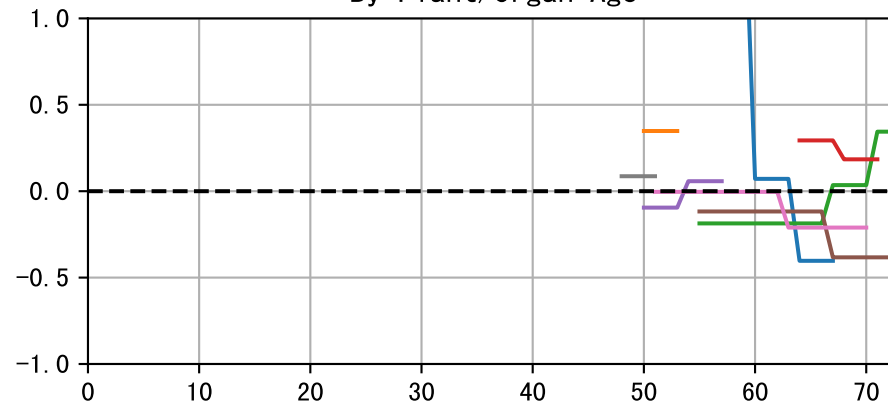
page 2

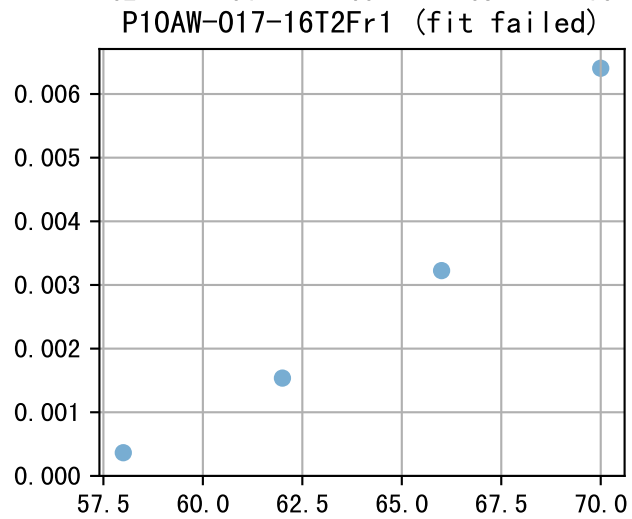
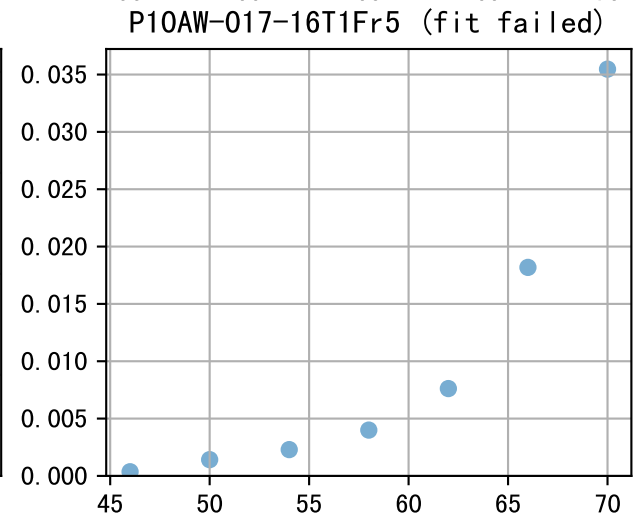
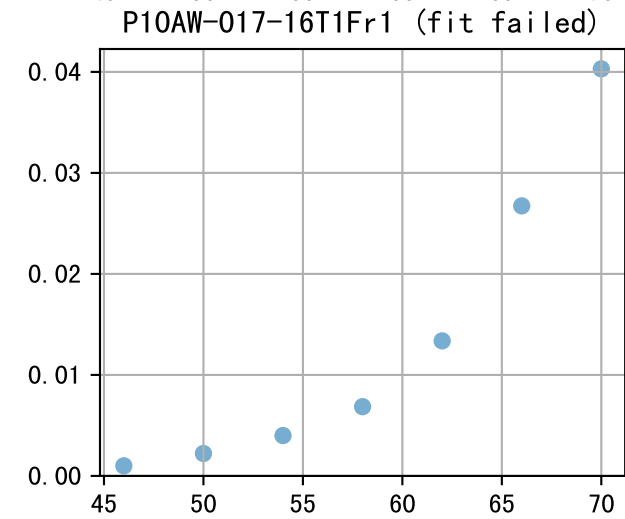
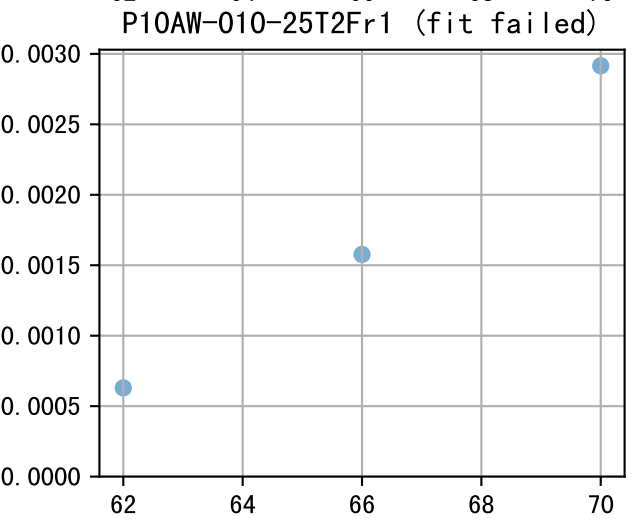
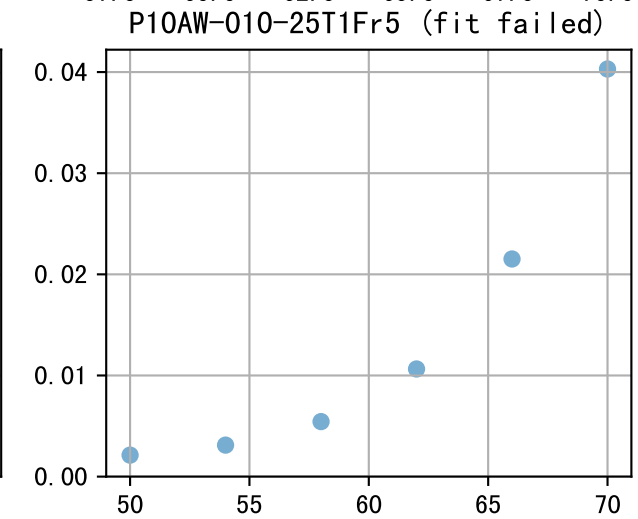
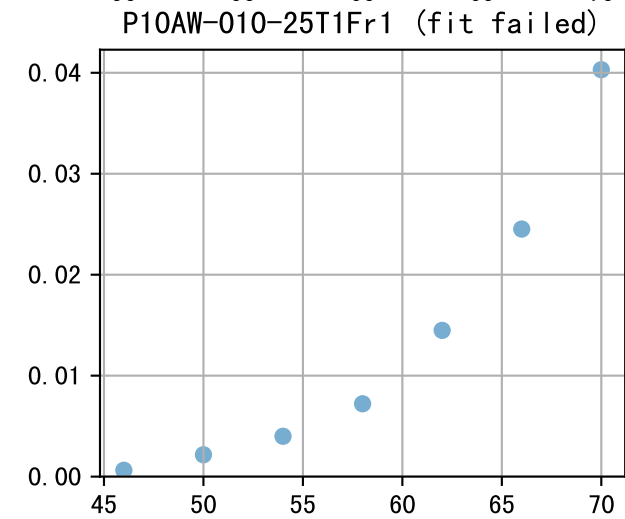
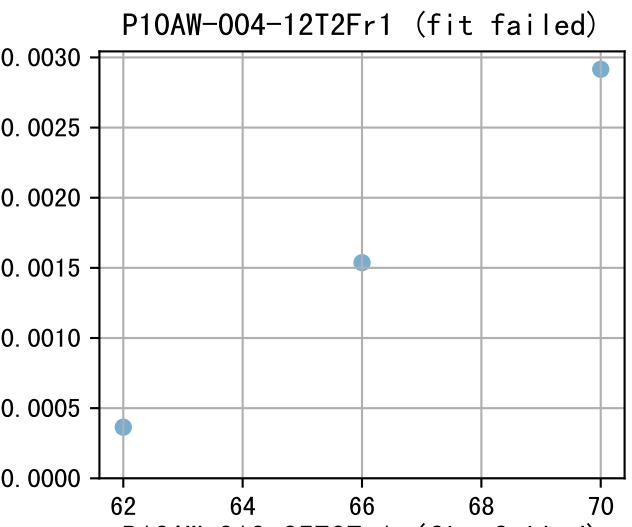
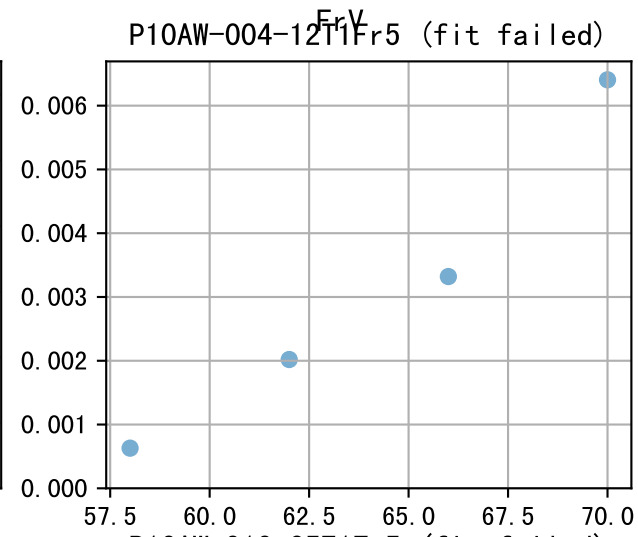
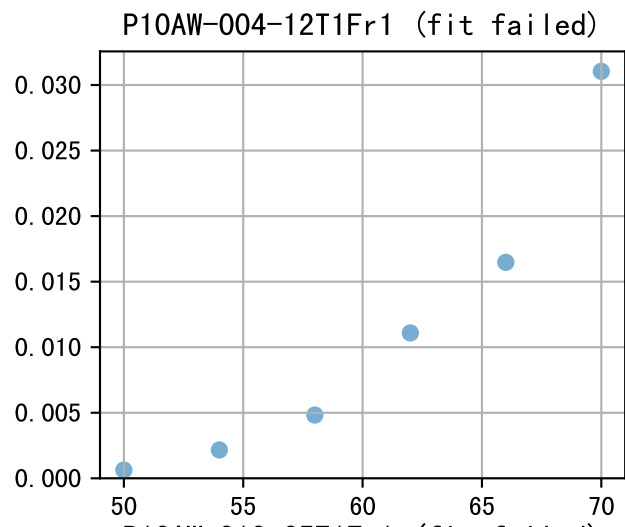


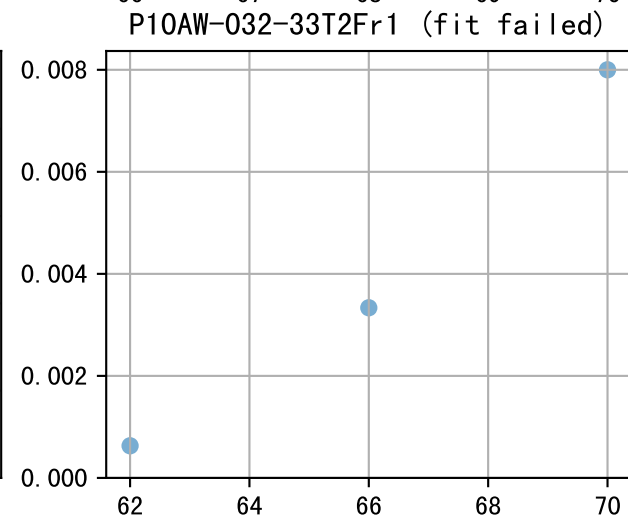
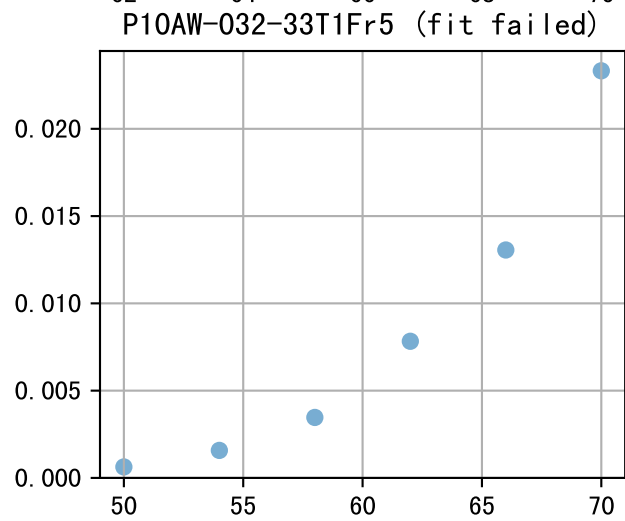
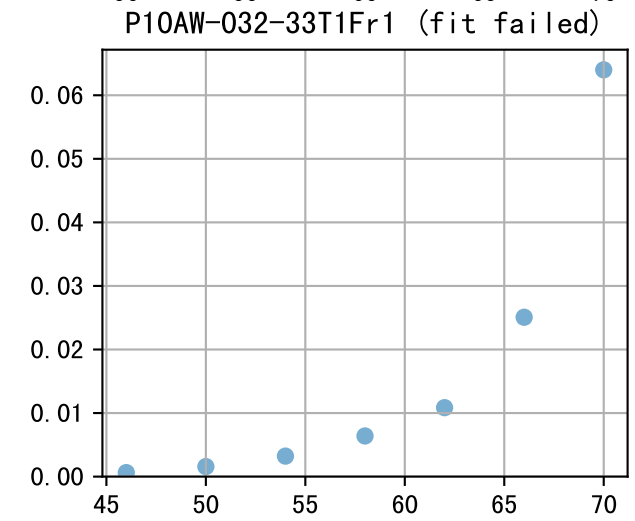
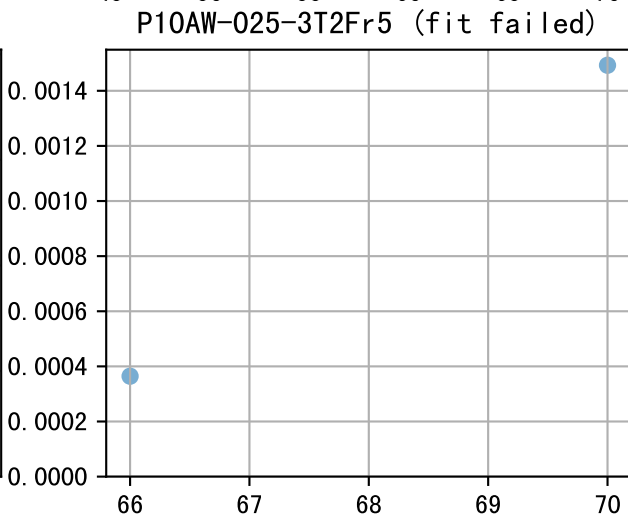
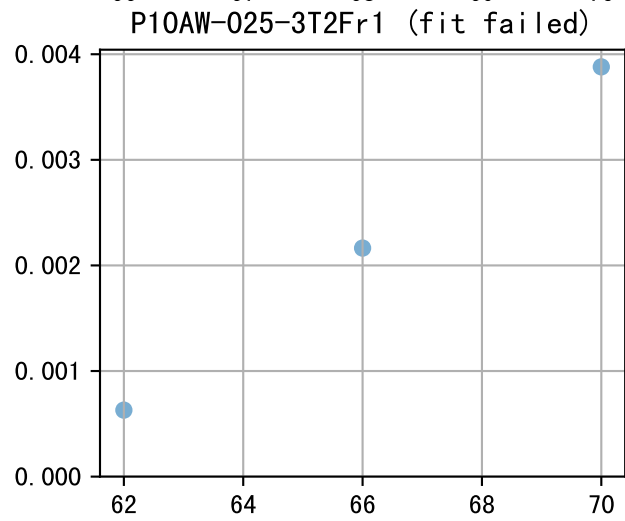
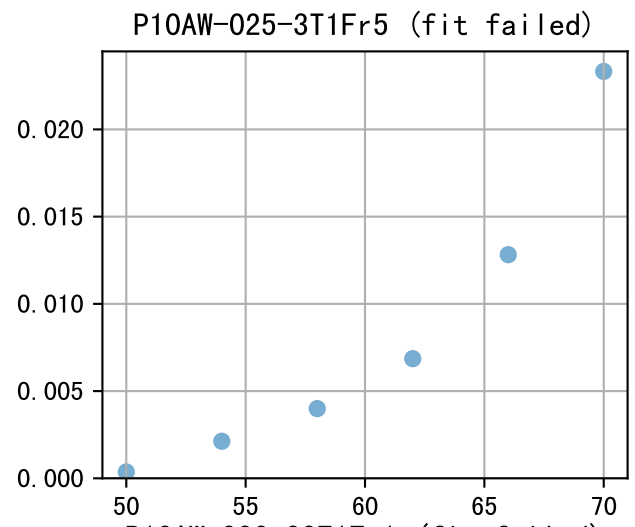
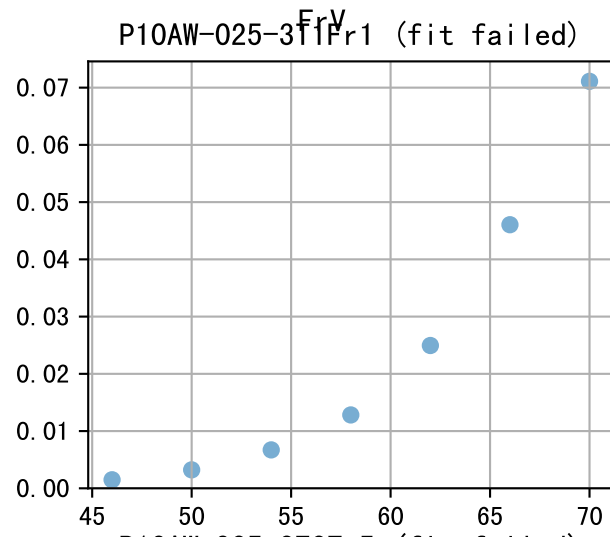
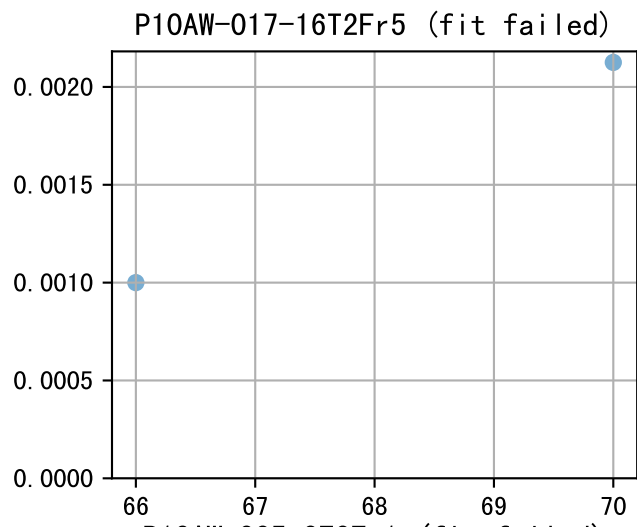
By Start Date



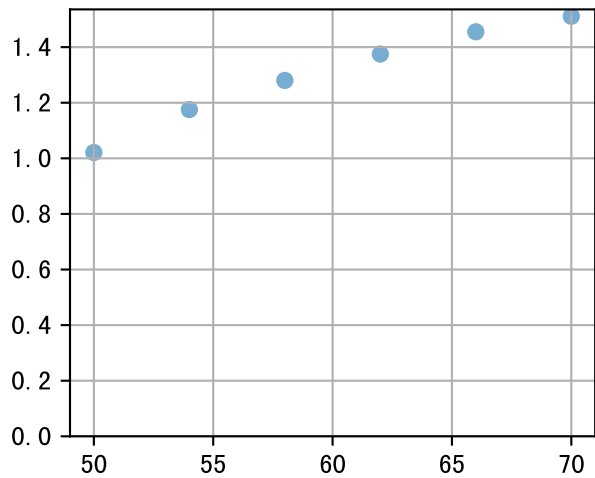
By Plant/Organ Age



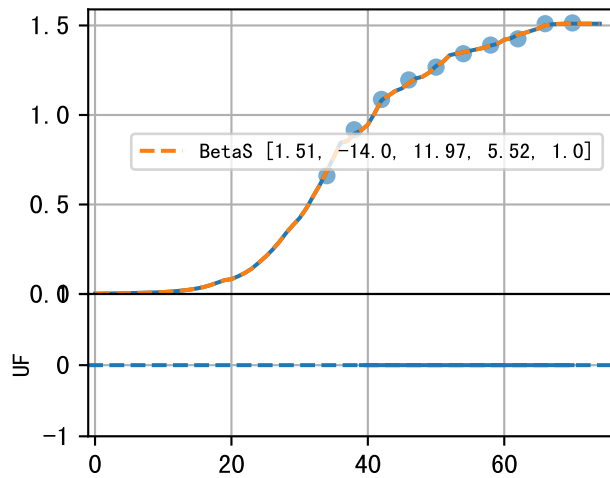




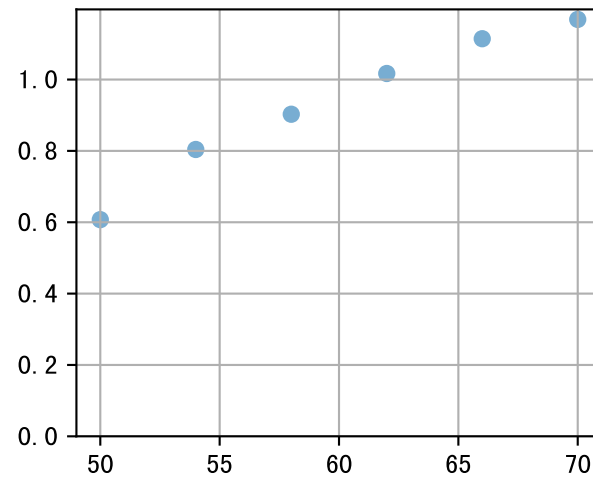
P10AW-004-12L10 (fit failed)



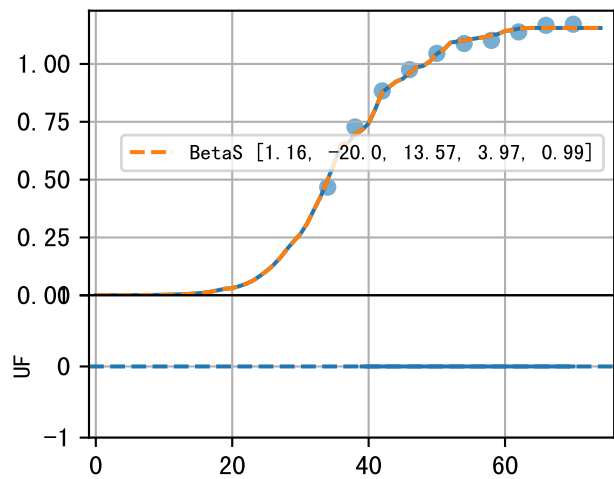
P10AW-004-12L7



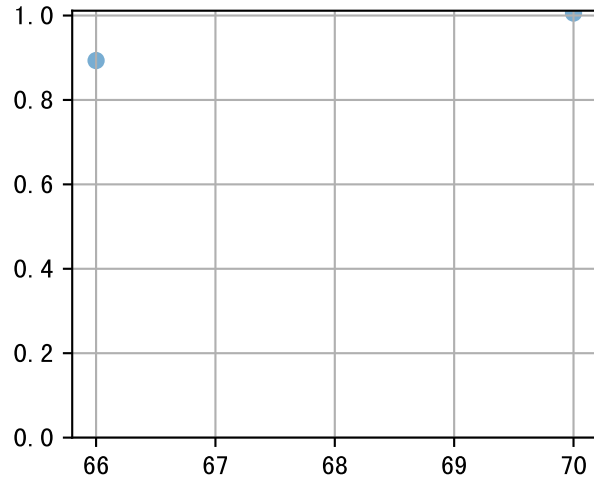
P10AW-010-25L10 (fit failed)



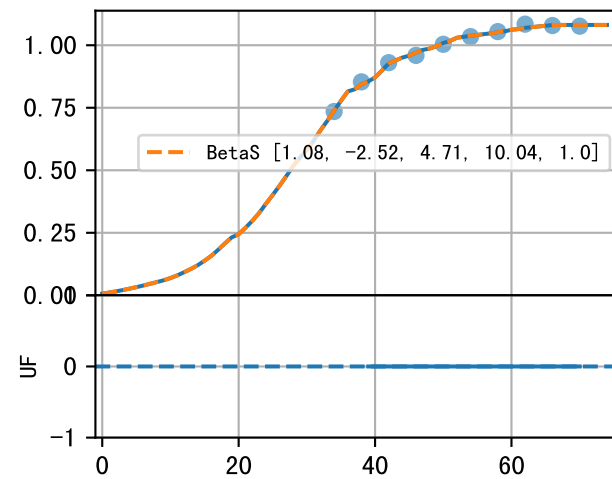
P10AW-010-25L7



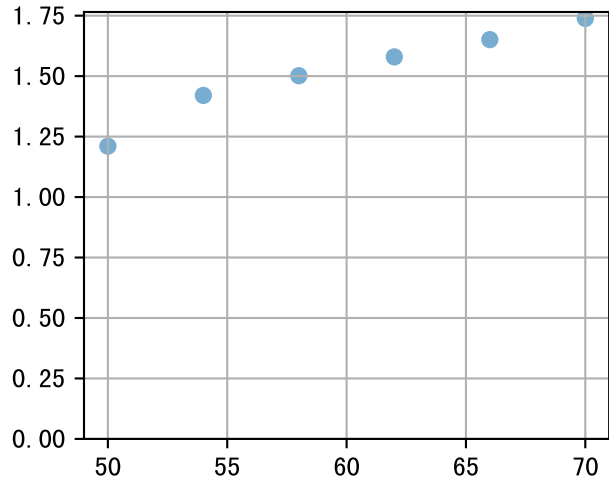
P10AW-017-16L12 (fit failed)



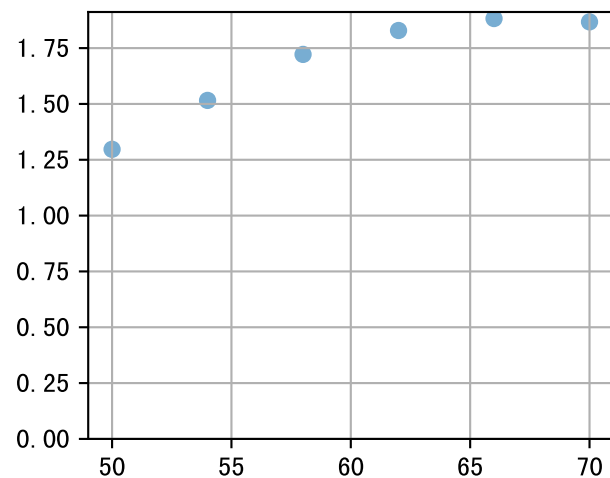
P10AW-017-16L6 (fit failed)



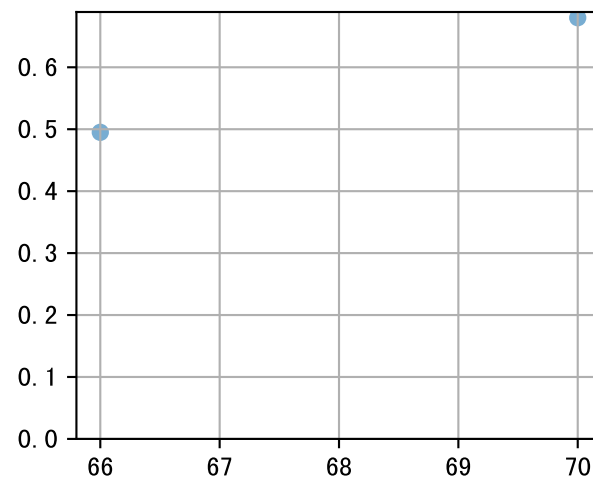
P10AW-017-16L9 (fit failed)



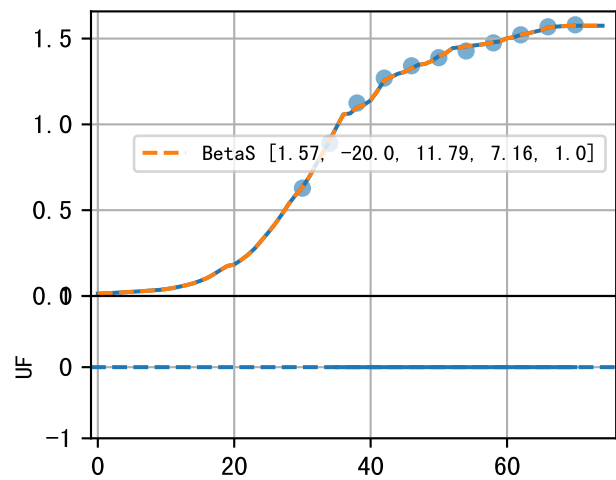
P10AW-025-3L10 (fit failed)



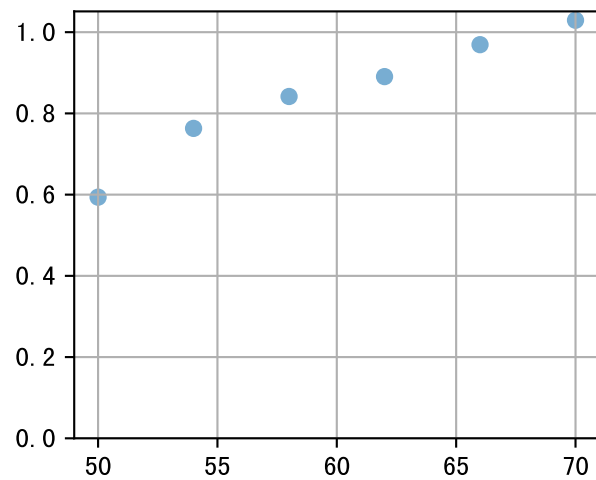
P10AW-025-3L13 (fit failed)



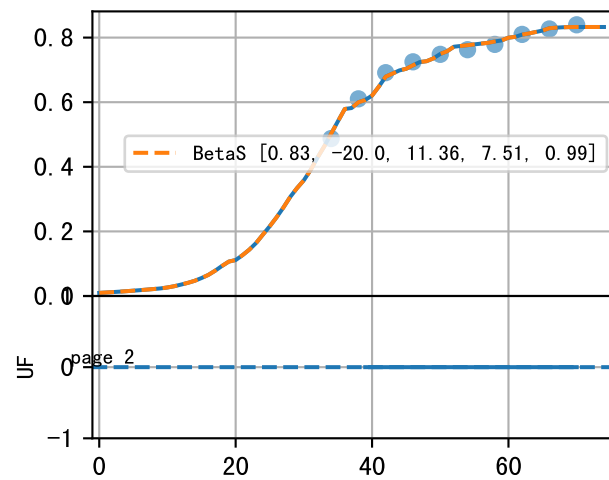
P10AW-025-3L7



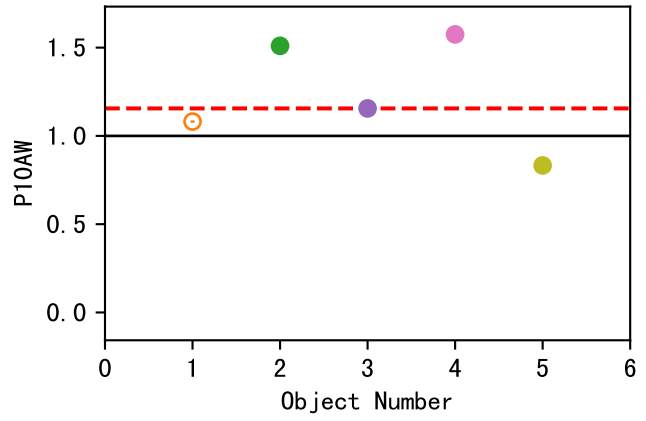
P10AW-032-33L10 (fit failed)



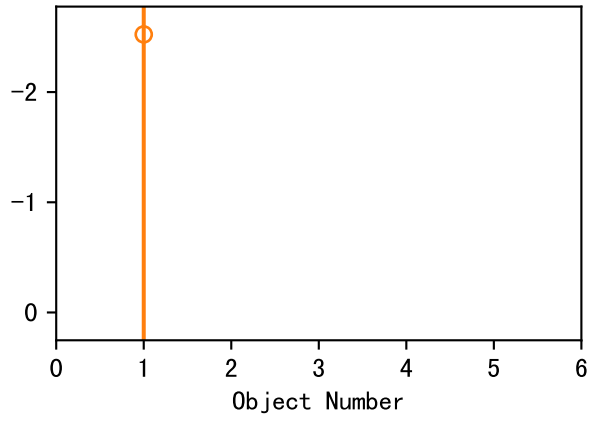
P10AW-032-33L7



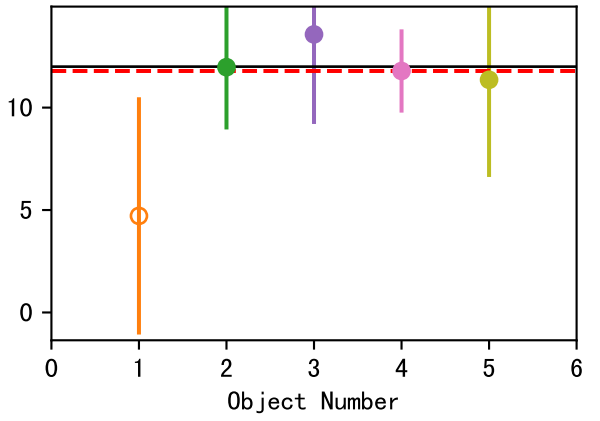
rmax (Def=1 Set=1.16)
avg1=1.16~27% avg2=na



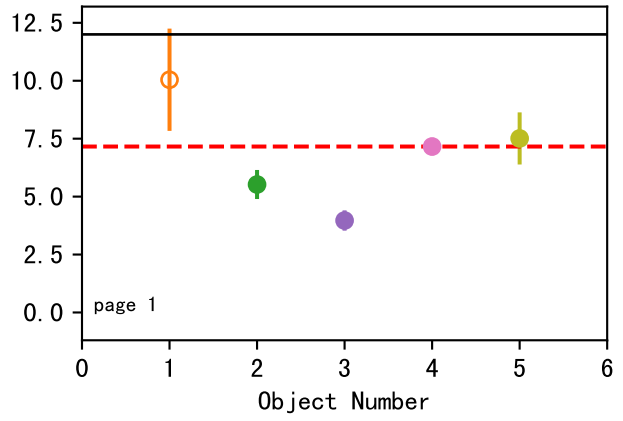
tb (Def=na Set=na)
avg1=na~0% avg2=na



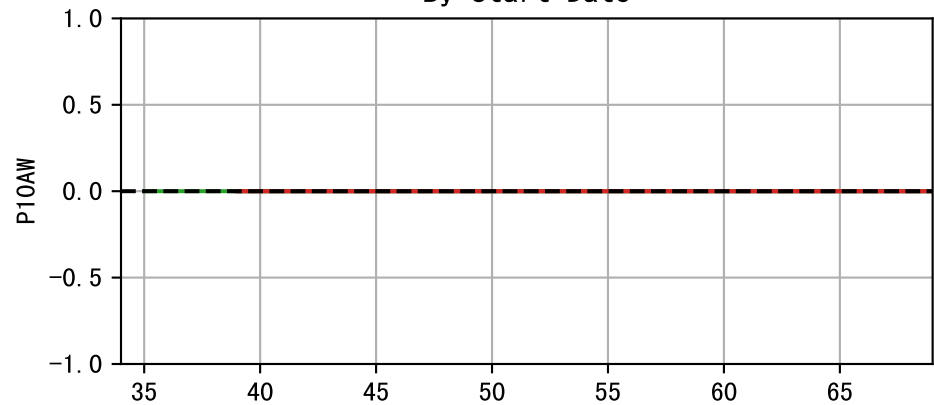
dm (Def=12 Set=12)
avg1=11.79~3% avg2=na



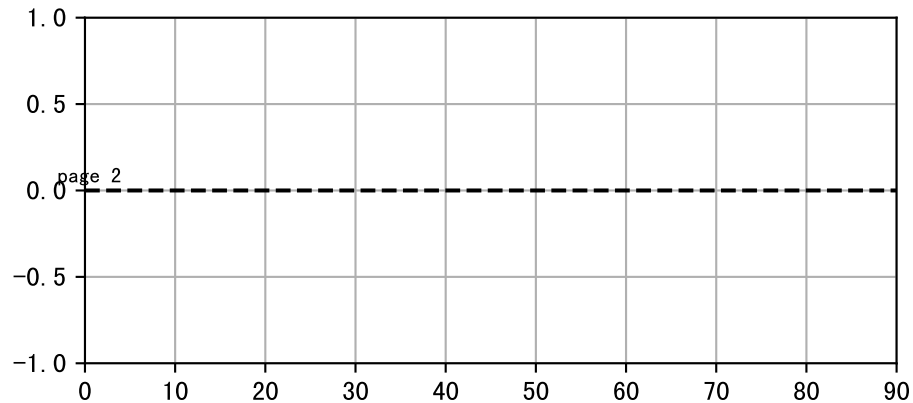
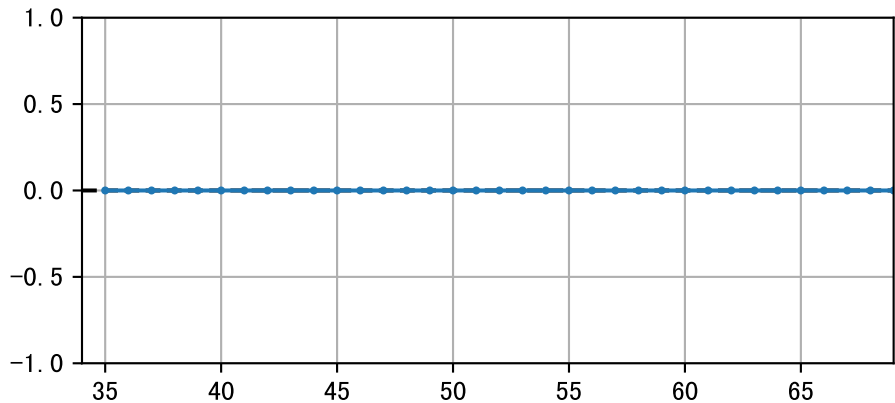
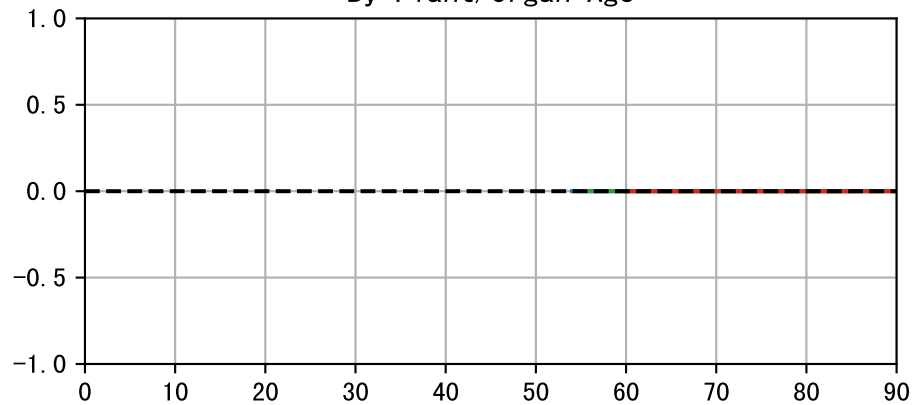
de (Def=12 Set=7.16)
avg1=7.16~32% avg2=na

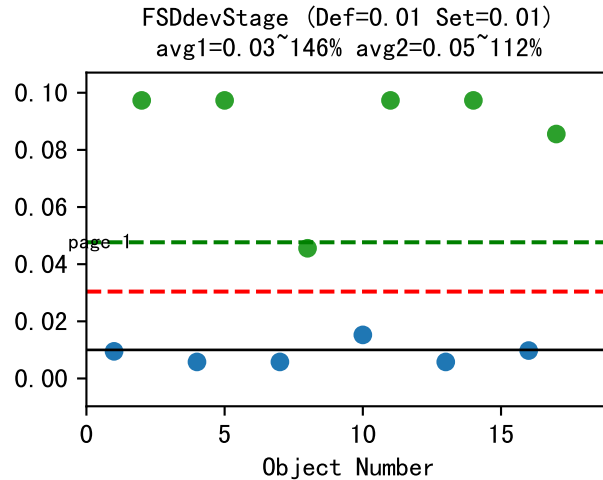
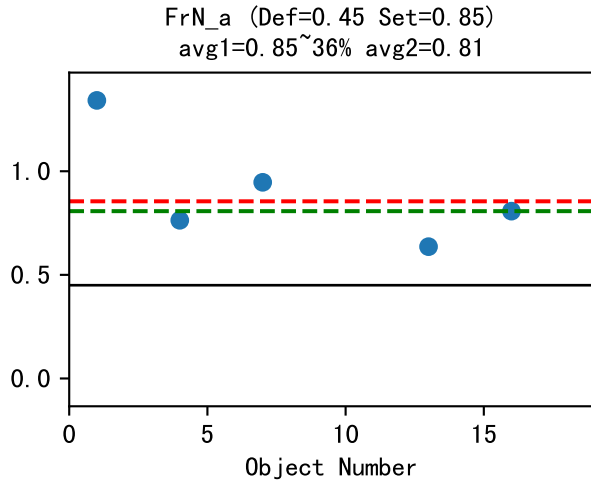
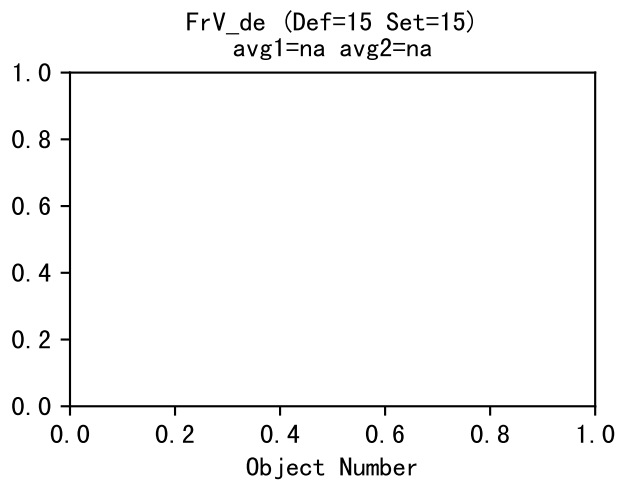
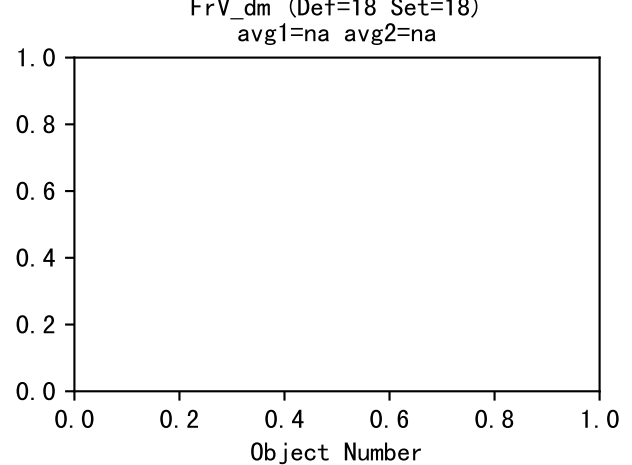
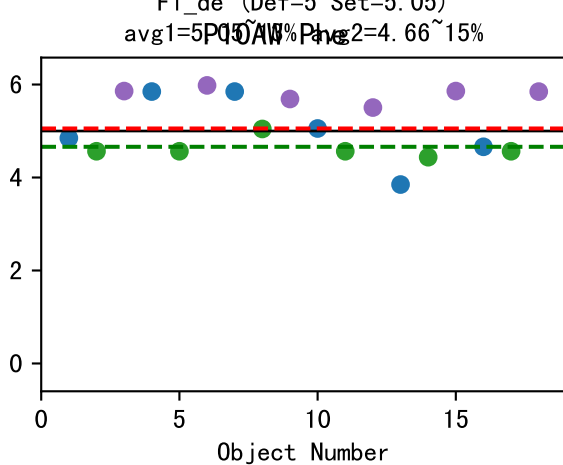
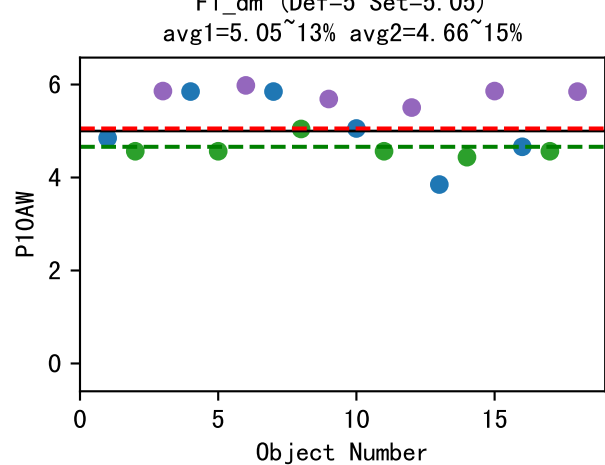


By Start Date

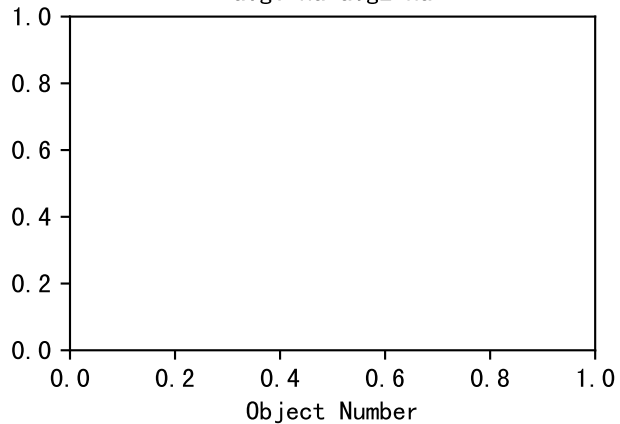


By Plant/Organ Age

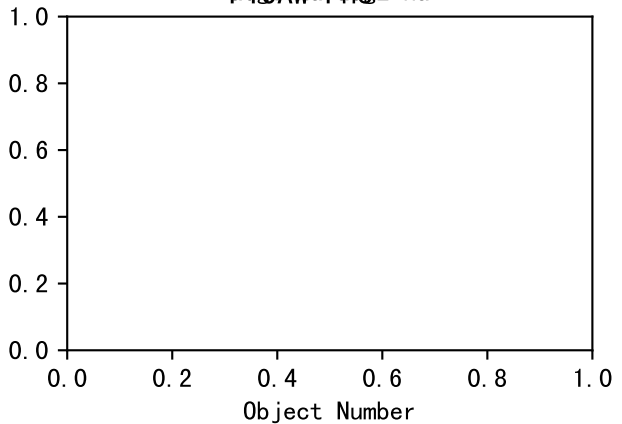




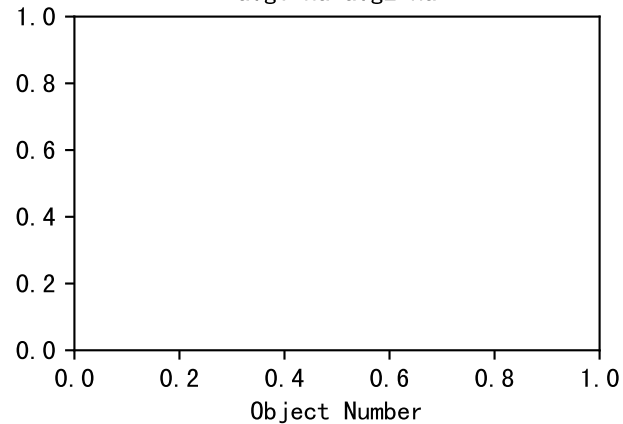
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



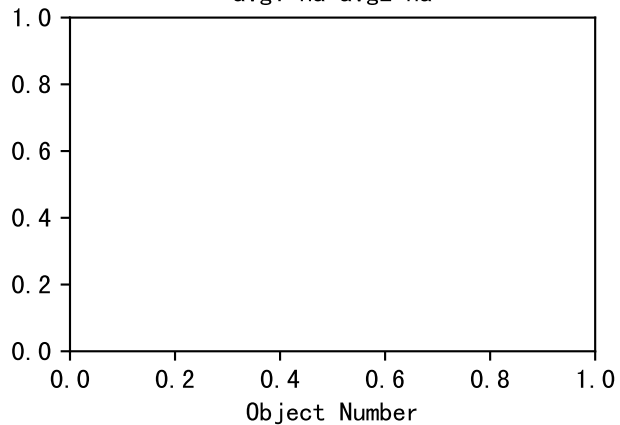
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



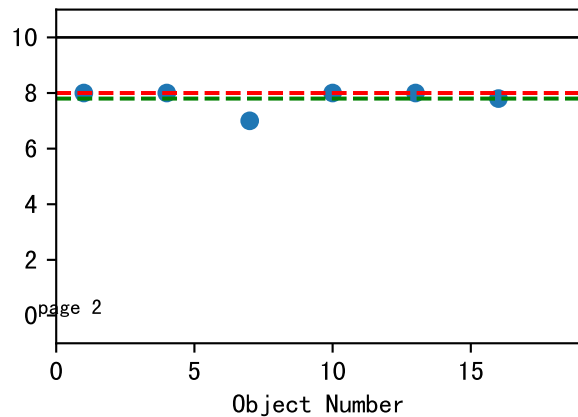
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



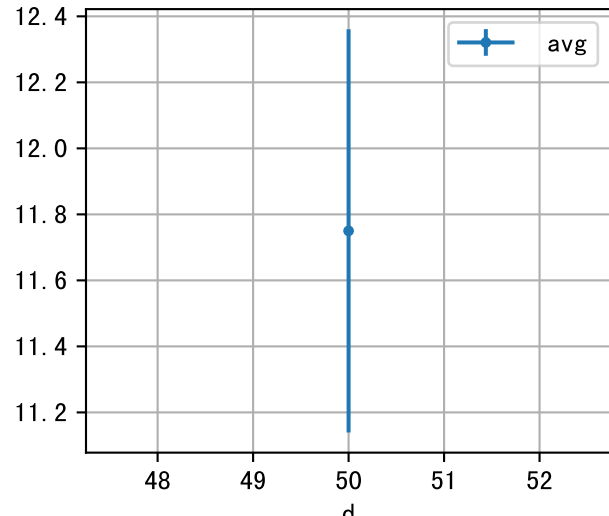
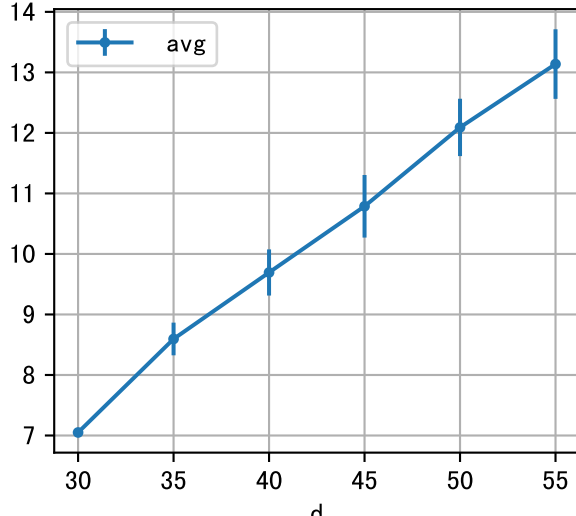
FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na



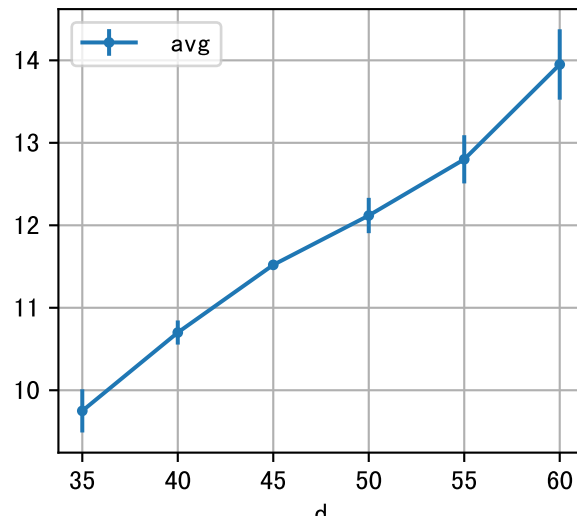
NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=7.8



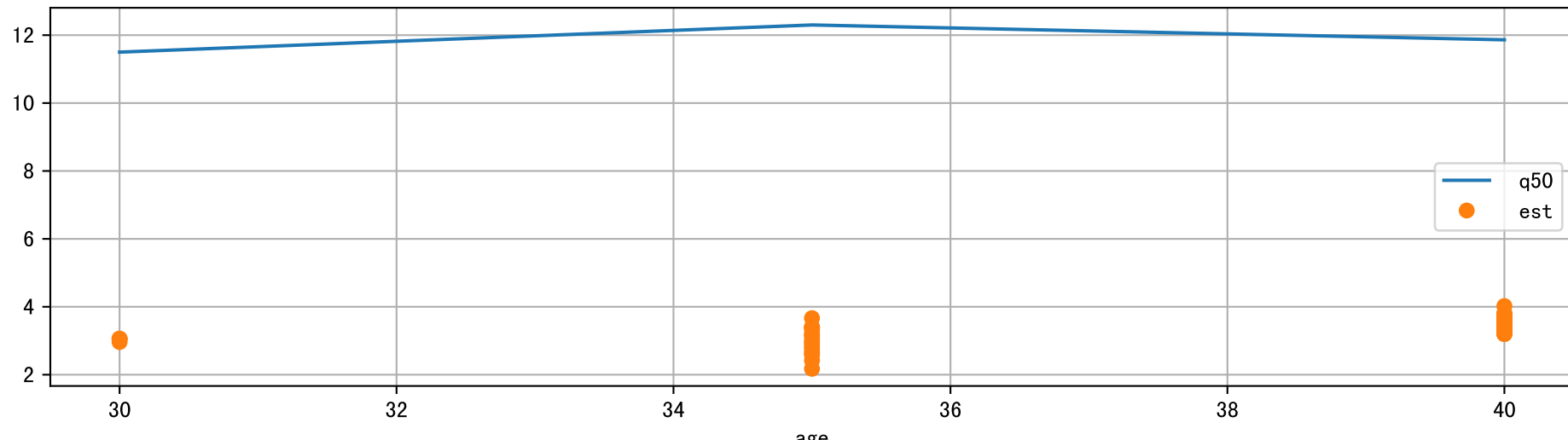
age=30

NdD: avg vs. d at each age group
age=35

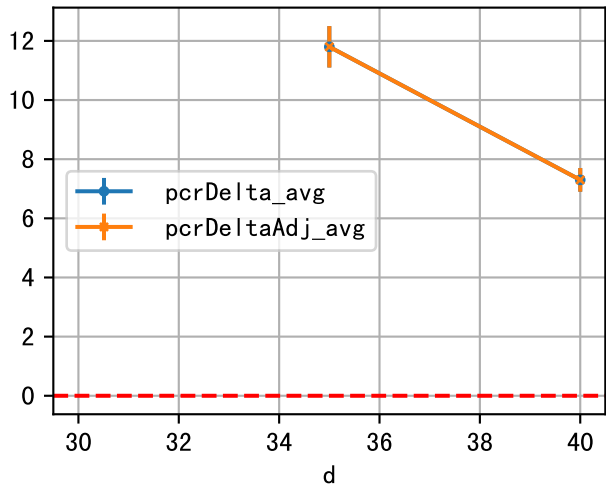
age=40



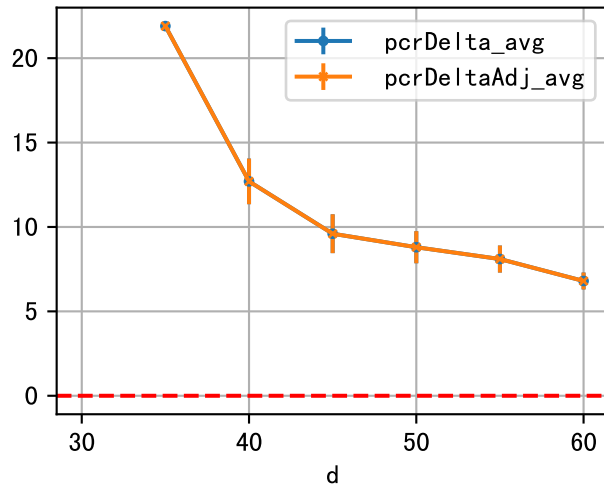
NdD: model est vs obs0v@Q50



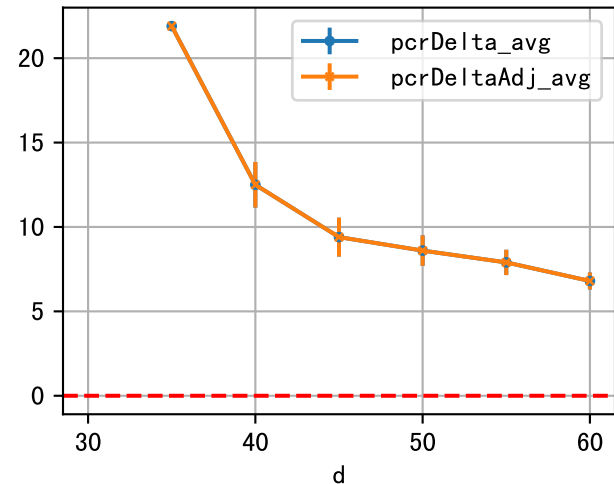
DeltaTypeAbbr=GrpByAge



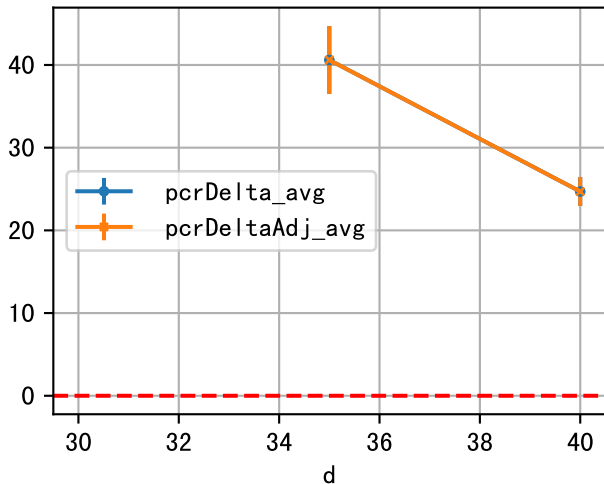
DeltaTypeAbbr=GrpByDay



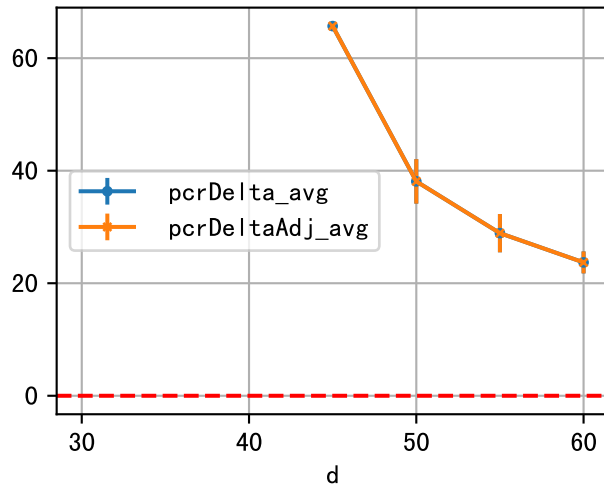
DeltaTypeAbbr=Wei AvgByD



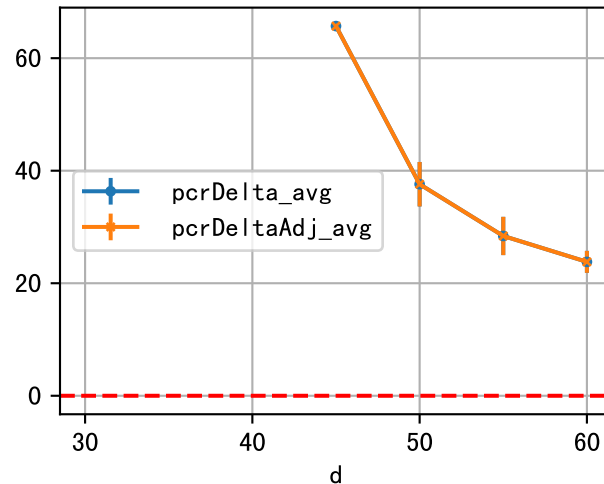
DeltaTypeAbbr=GrpByAge



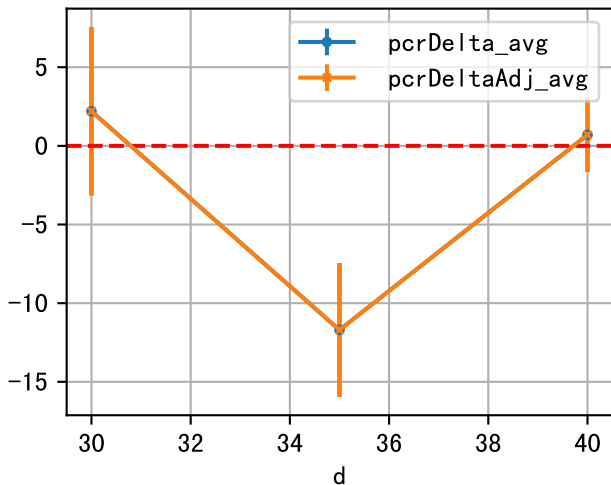
DeltaTypeAbbr=GrpByDay



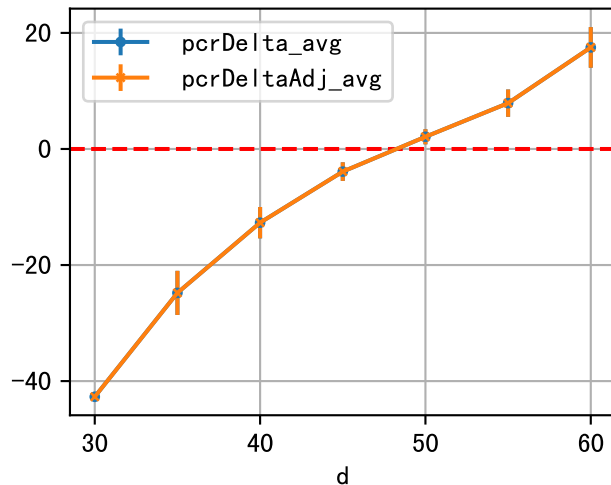
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

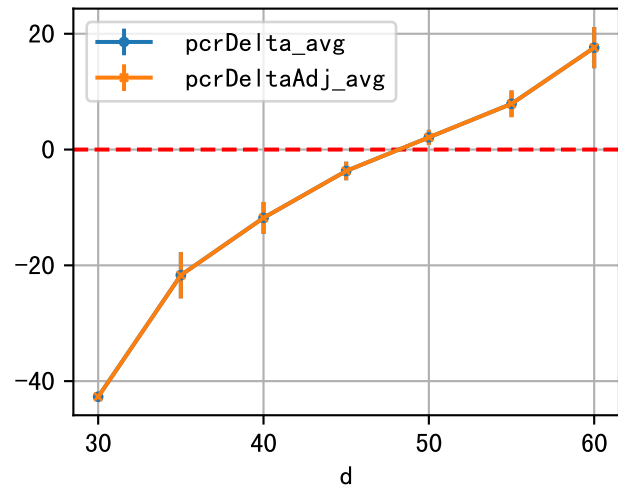


DeltaTypeAbbr=GrpByDay

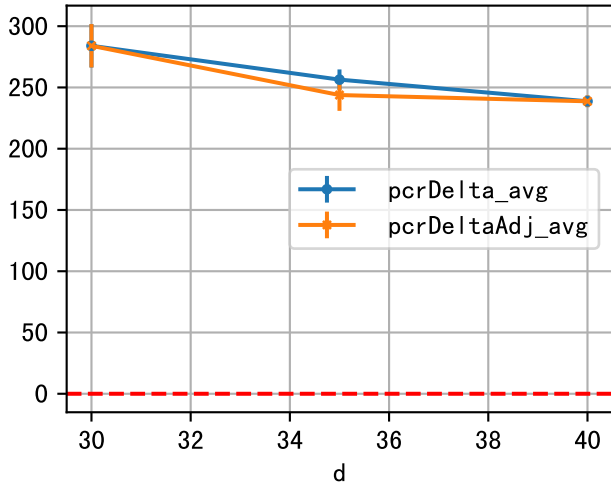


page 5

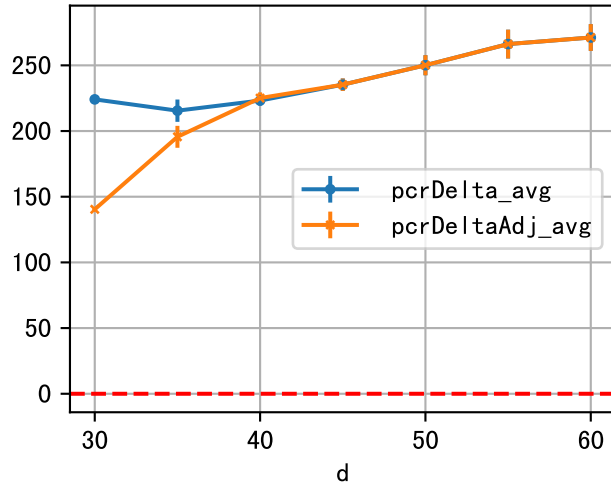
DeltaTypeAbbr=Wei AvgByD



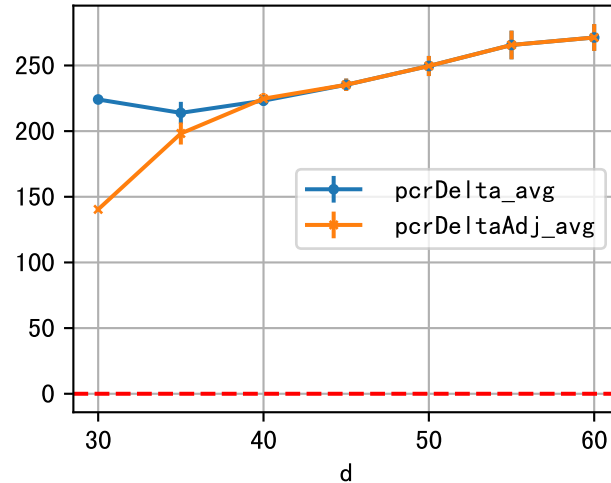
DeltaTypeAbbr=GrpByAge



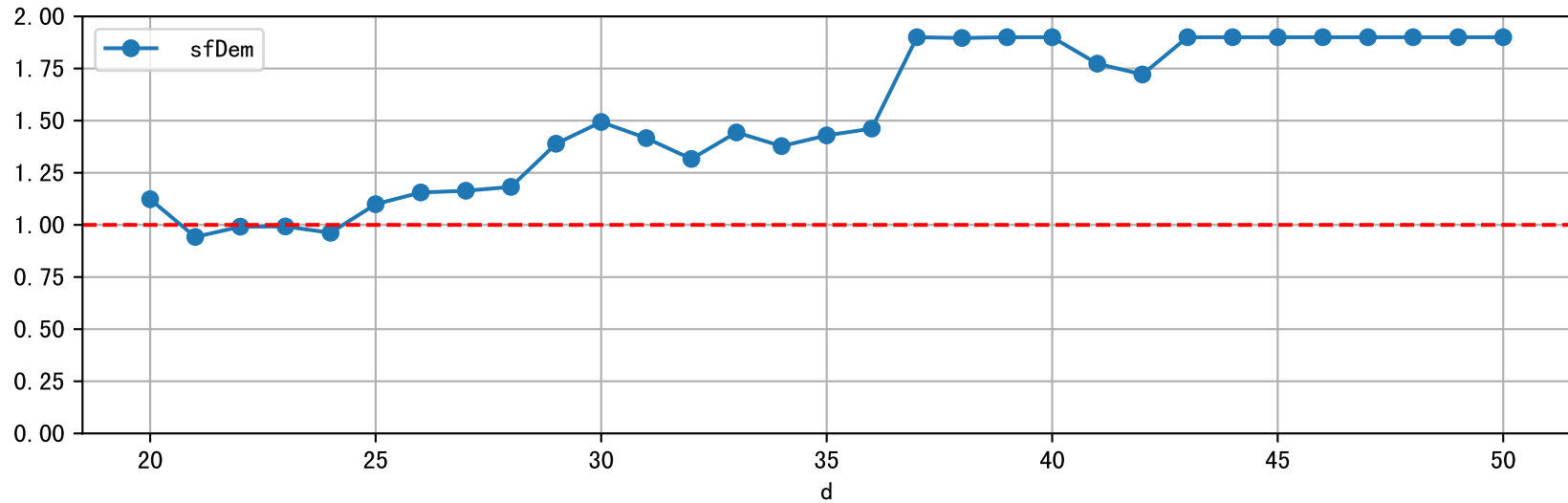
DeltaTypeAbbr=GrpByDay

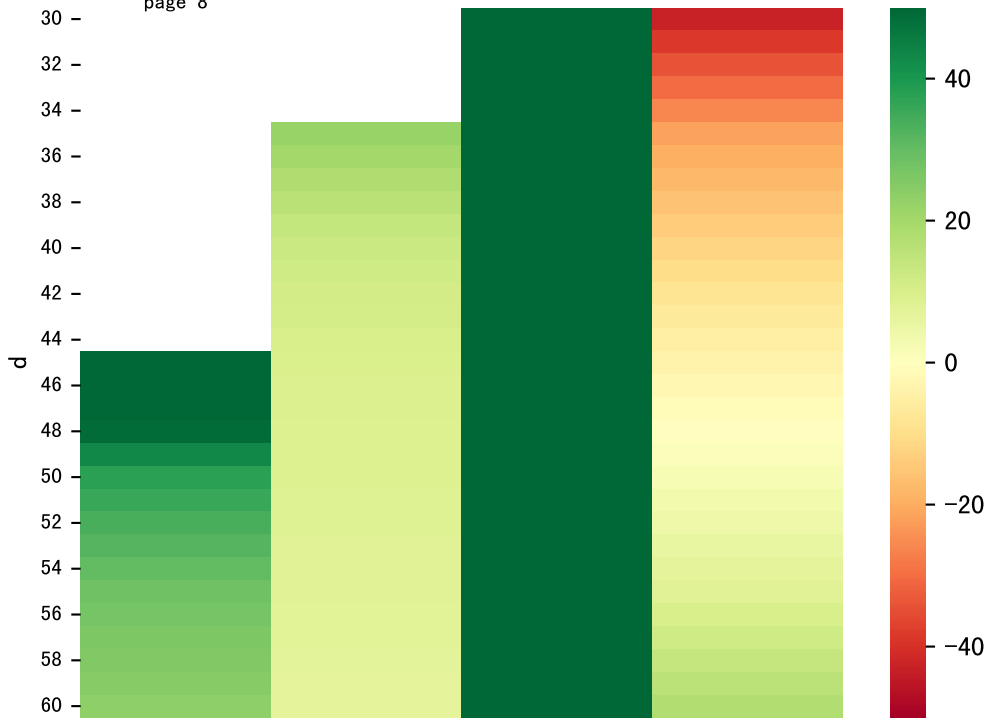


DeltaTypeAbbr=Wei AvgByD

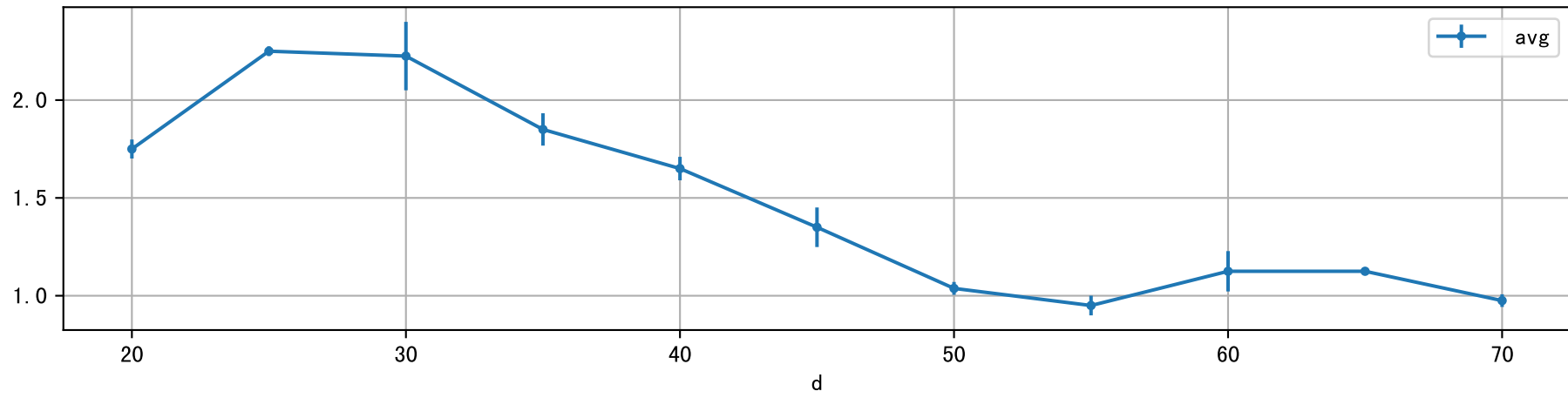


NdD: sfDem

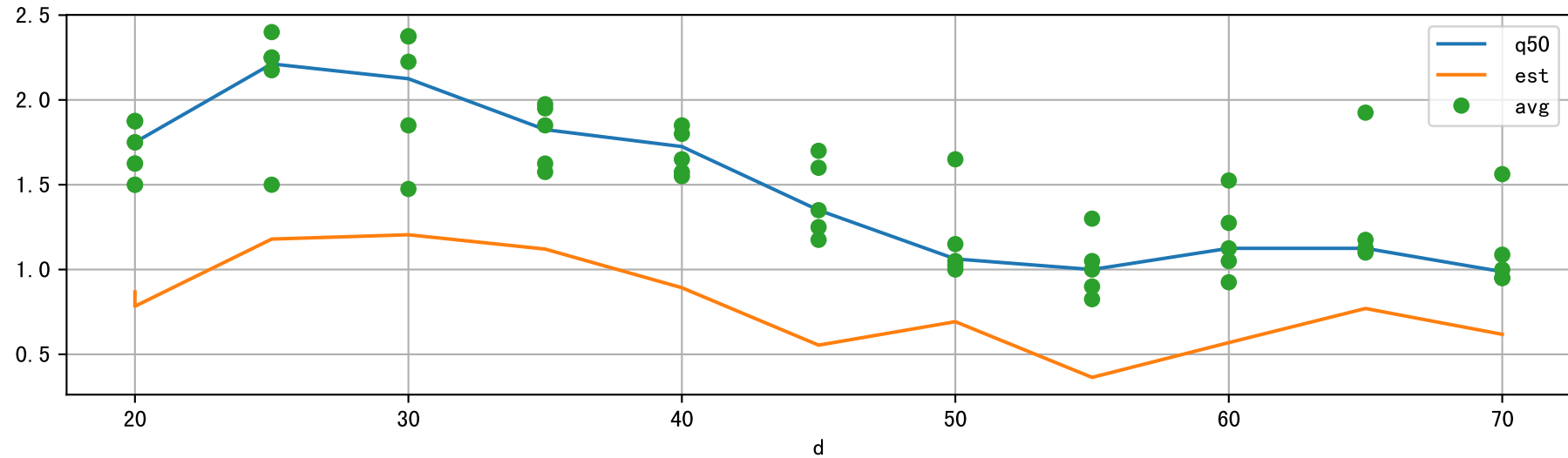




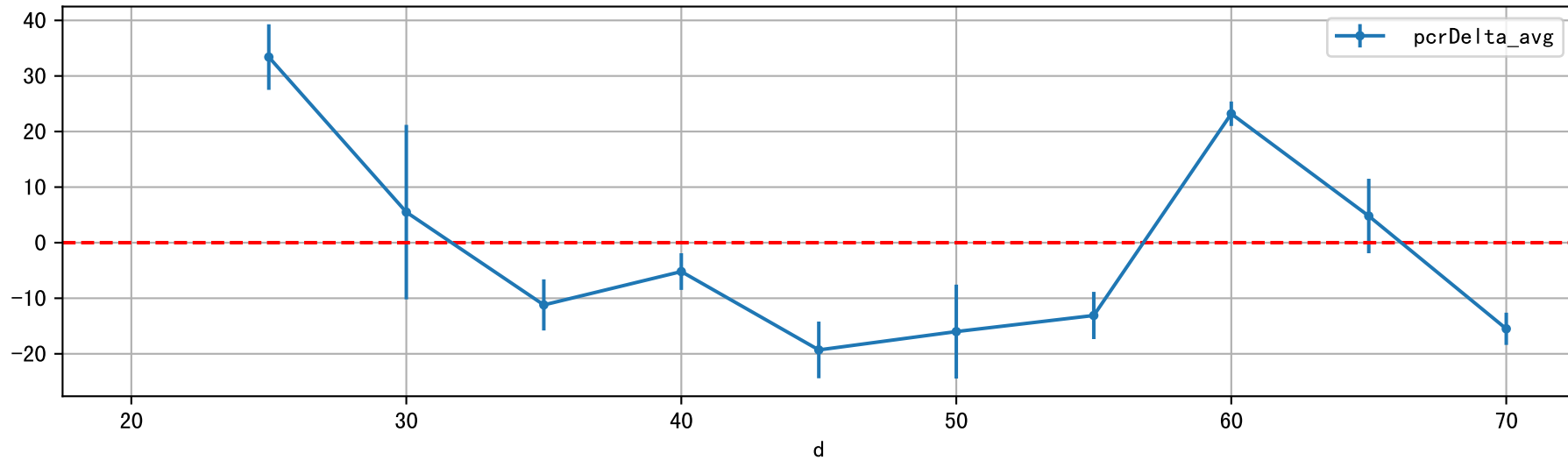
dStH: avg vs. d



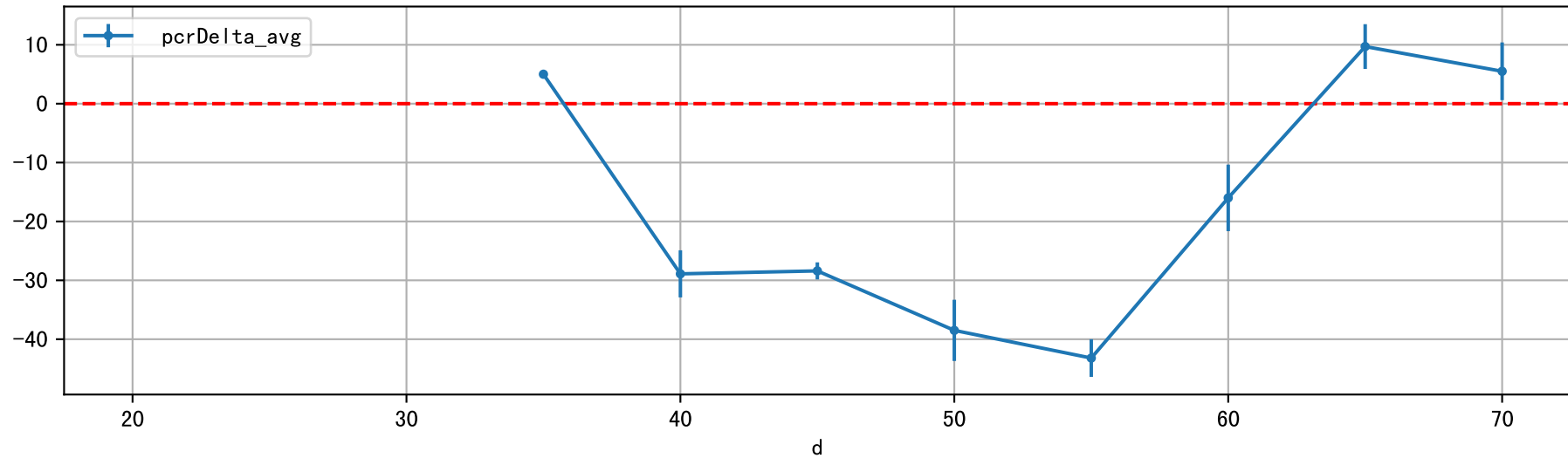
dStH: obsAvg vs obs0v@Q50



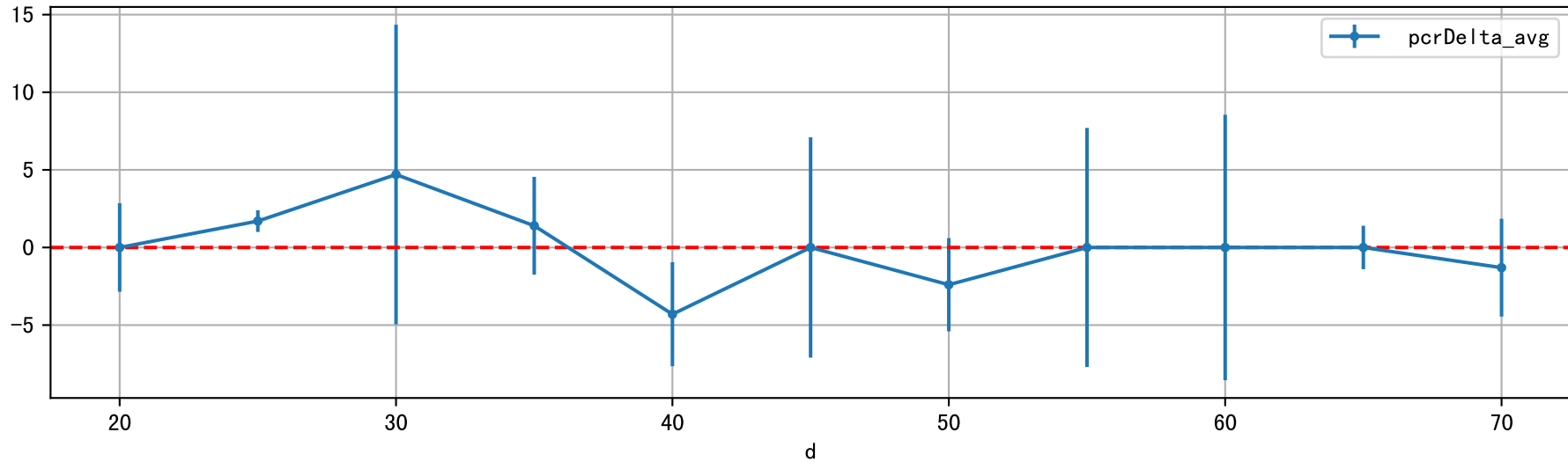
dStH: D_5d_StH



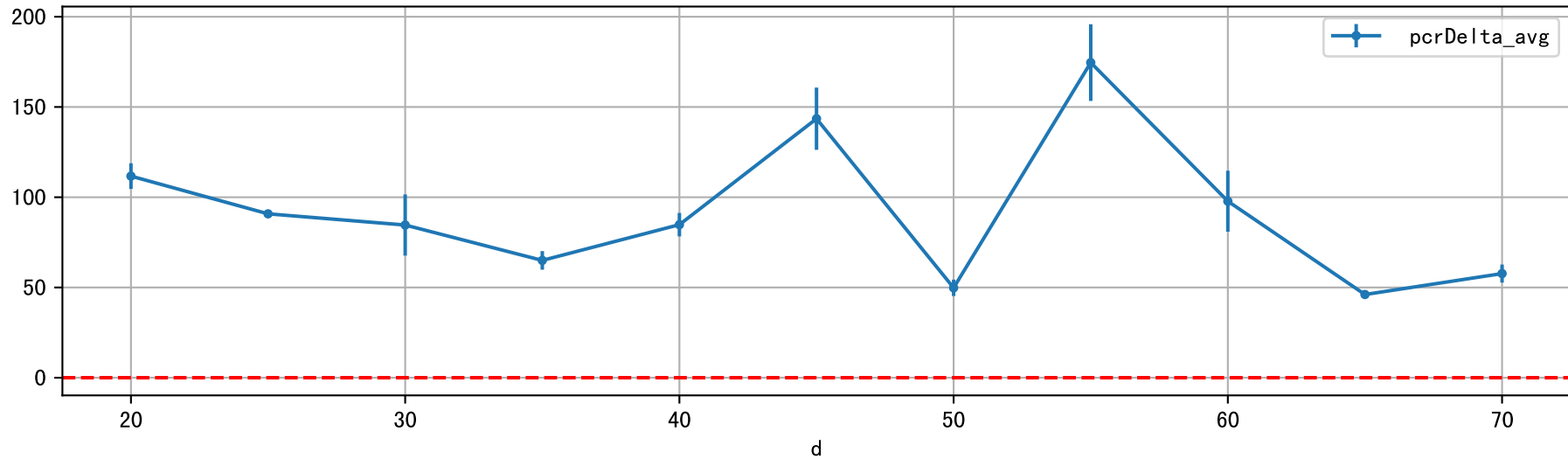
dStH: D_15d_StH



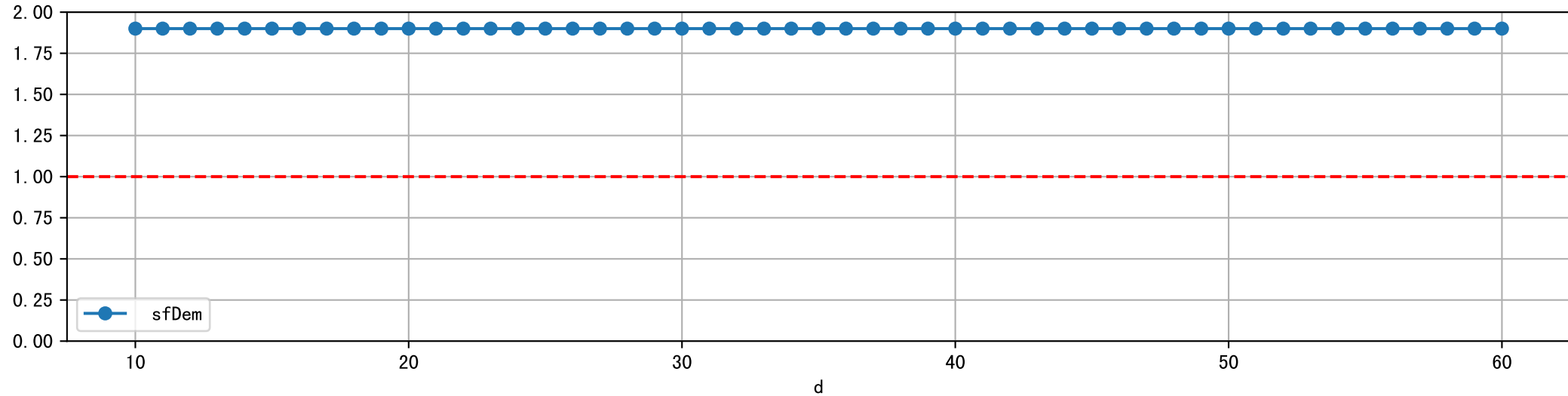
dStH: D_Q50_StH

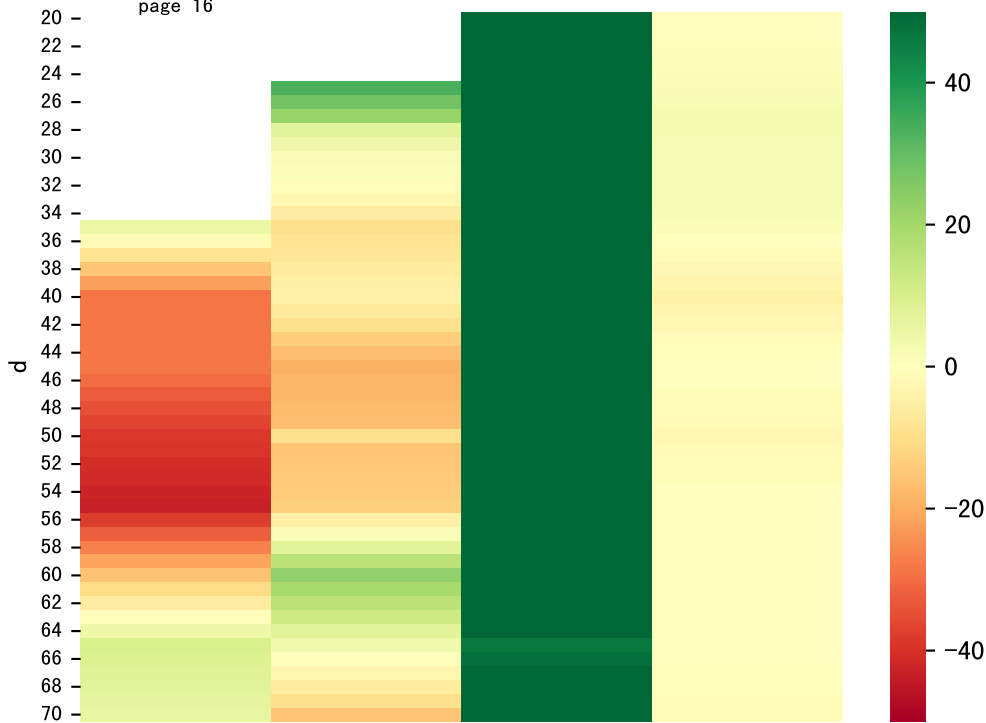


dStH: D_Est_StH



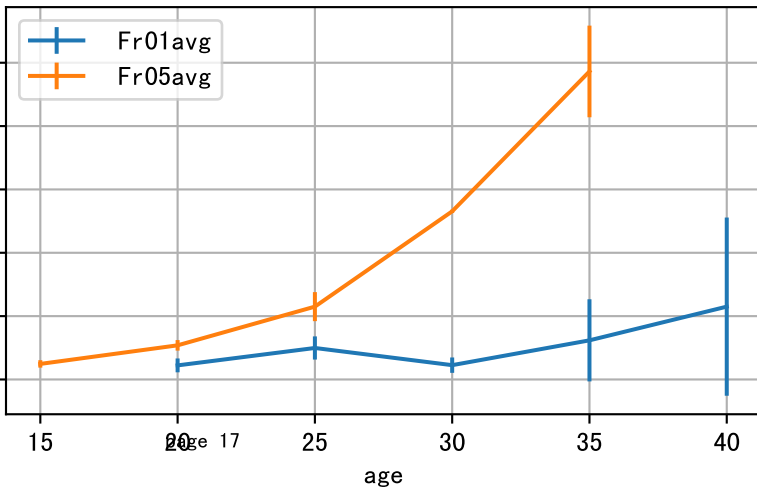
dStH: sfDem



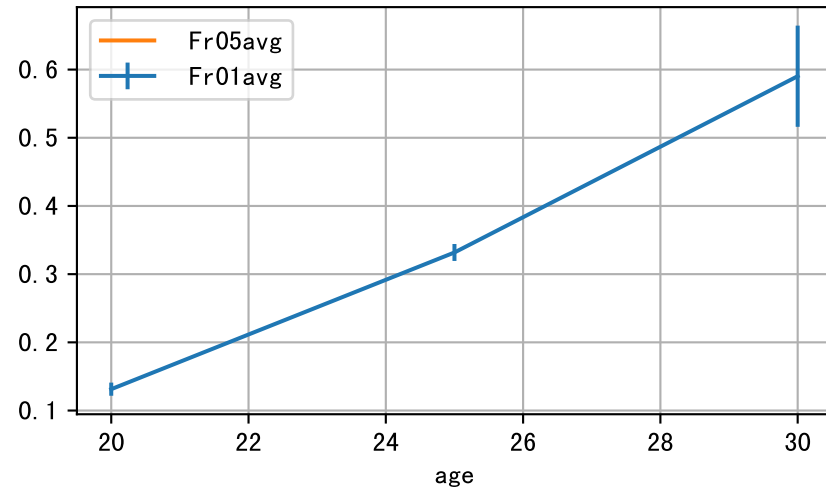


FrV: Fr01 vs Fr05 at each truss

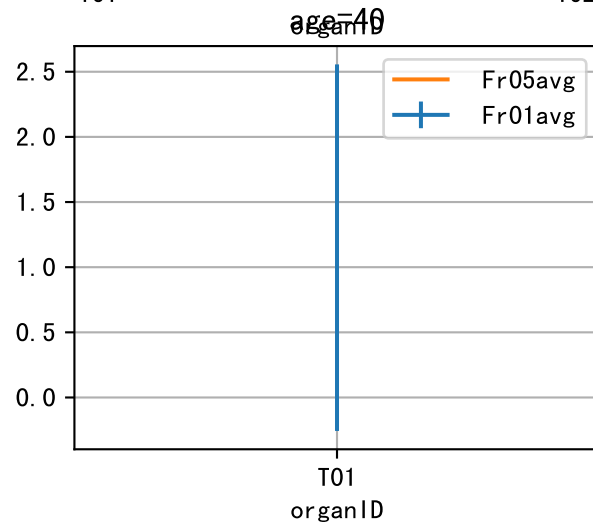
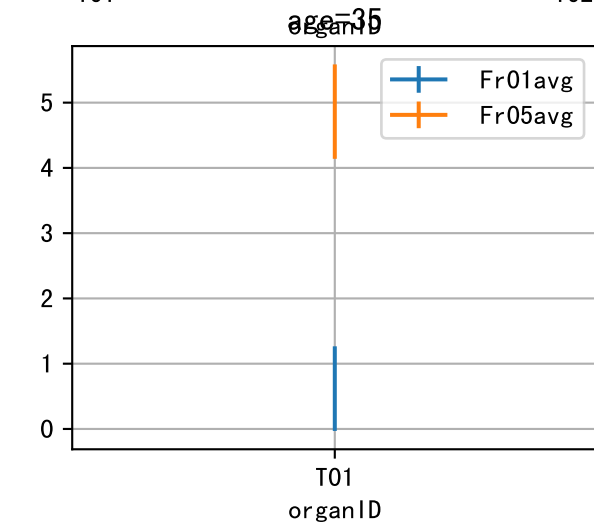
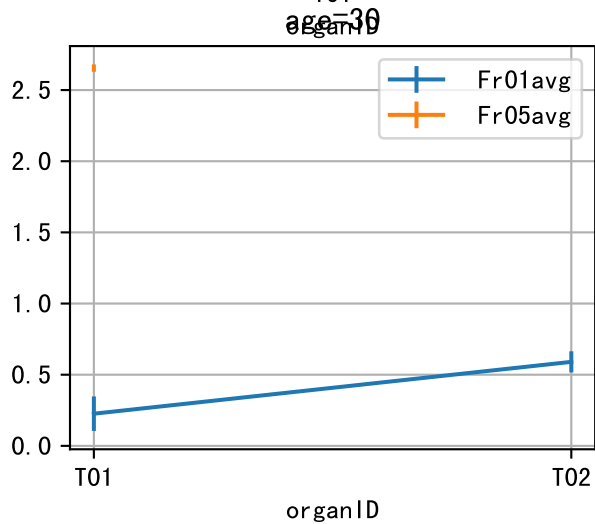
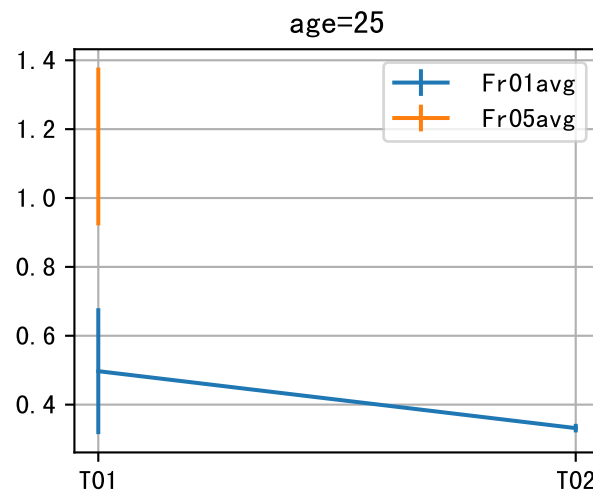
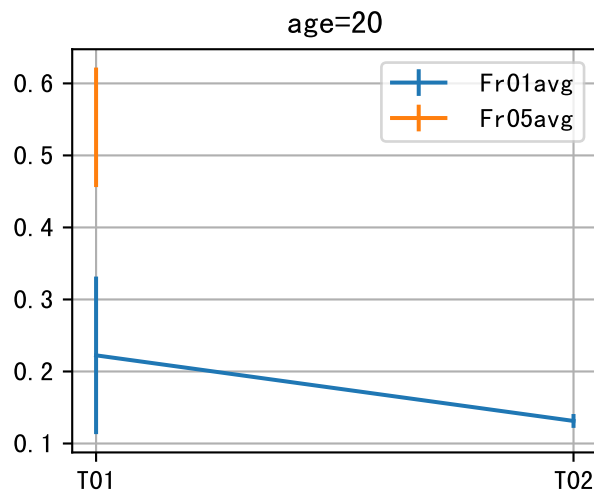
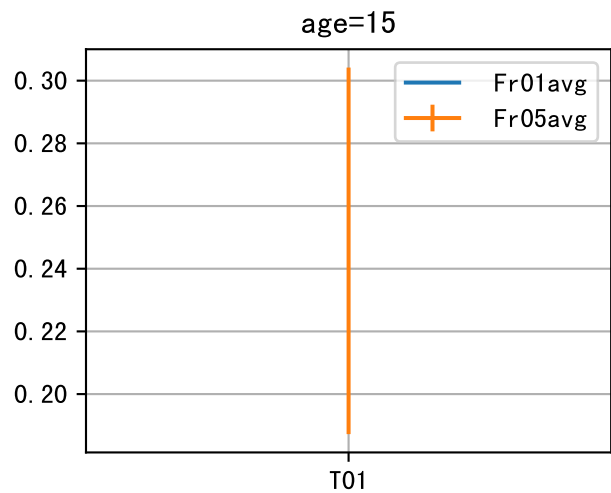
organID=T01



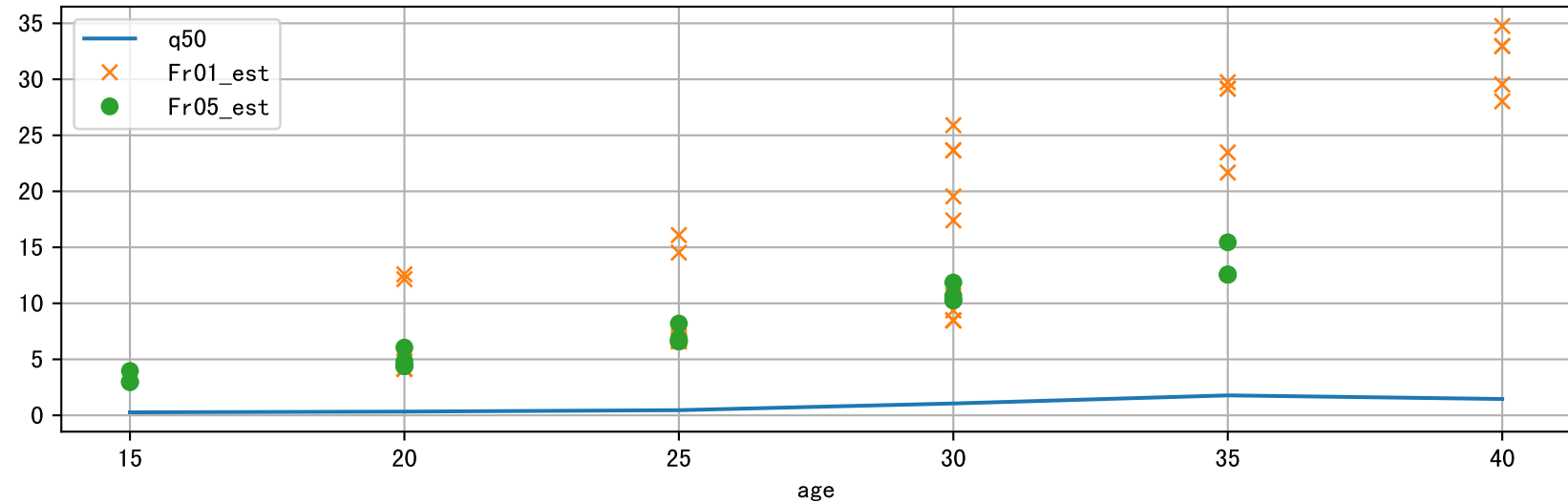
organID=T02



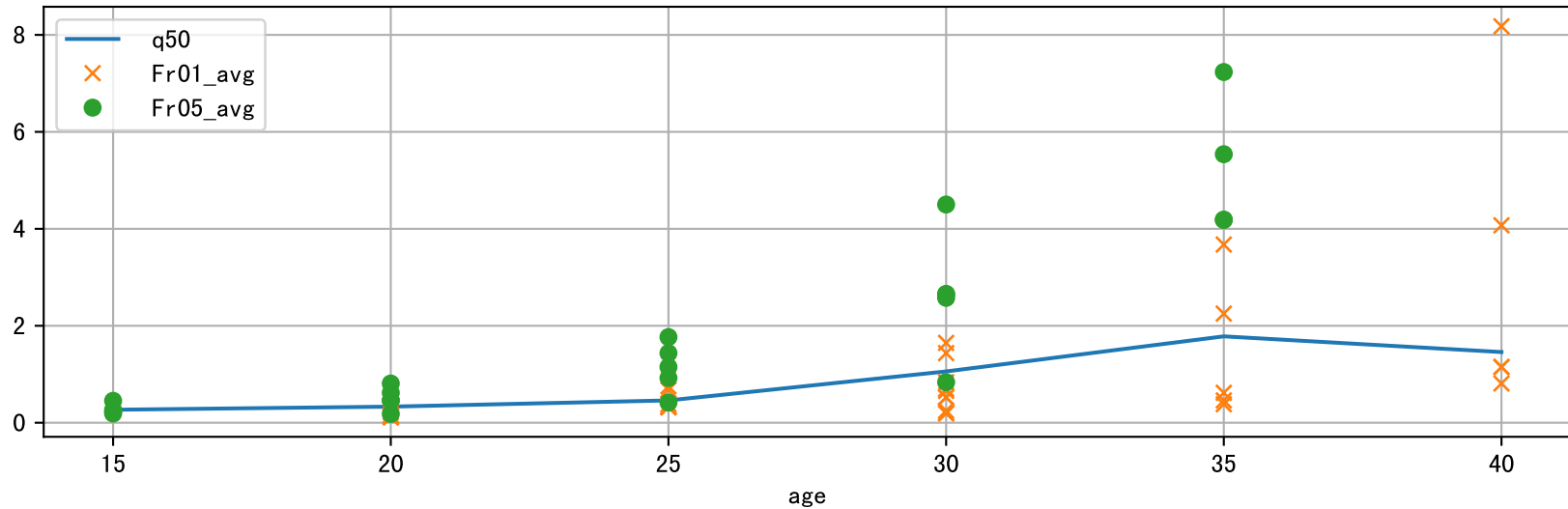
FrV trend at each age



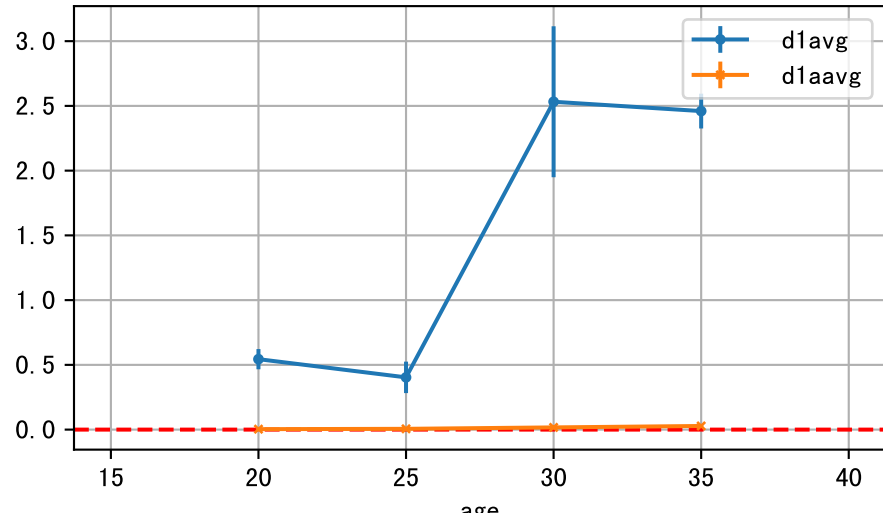
FrV: model Est vs obsFrV at Q90



FrV: obsFrV vs obsFrV@Q90

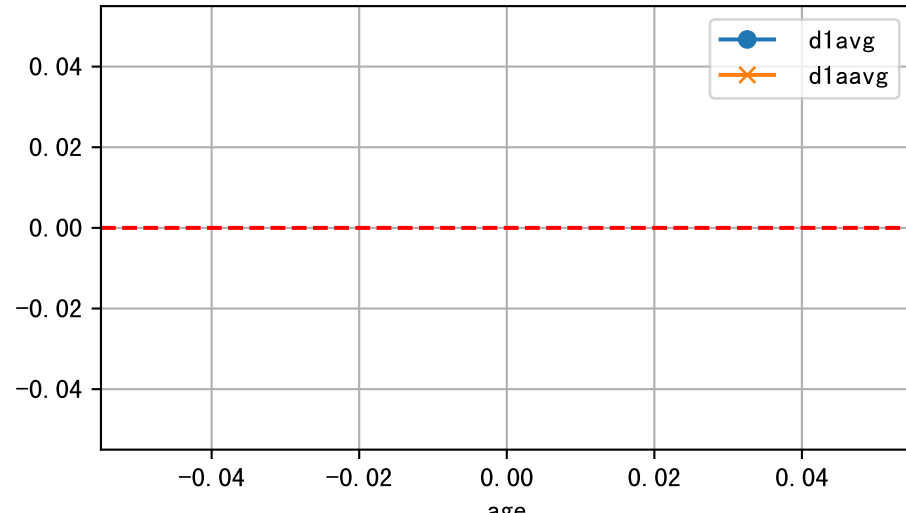


organID=1

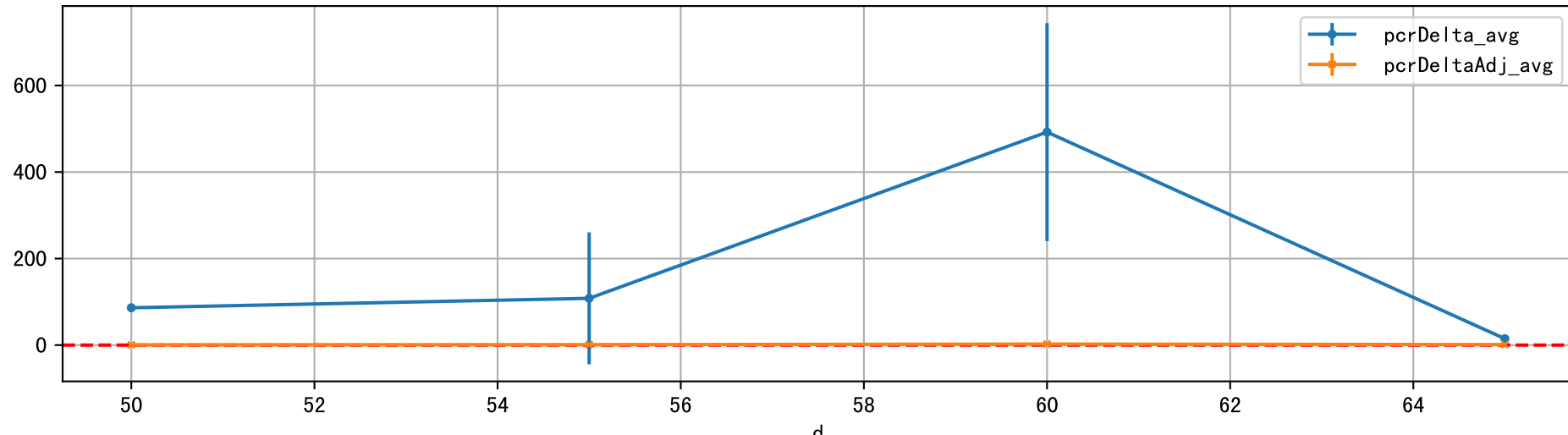


FrV: D_Fr1_FrV

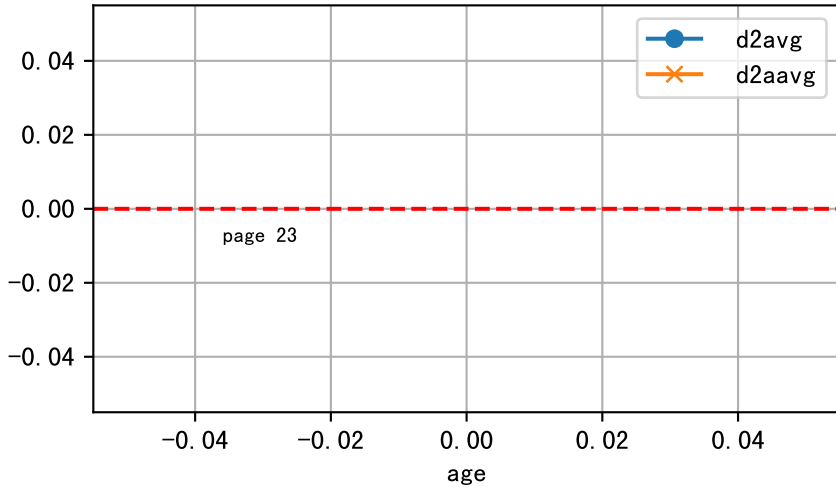
organID=2



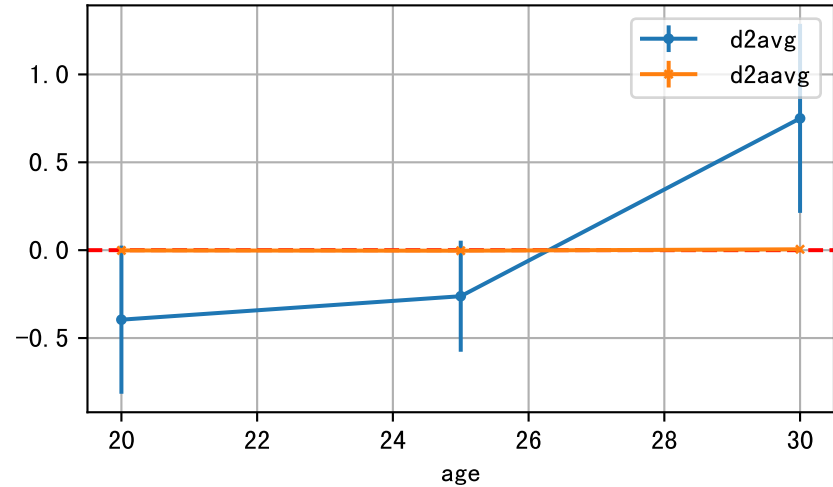
P10AW FrV: D_Fr1_FrV



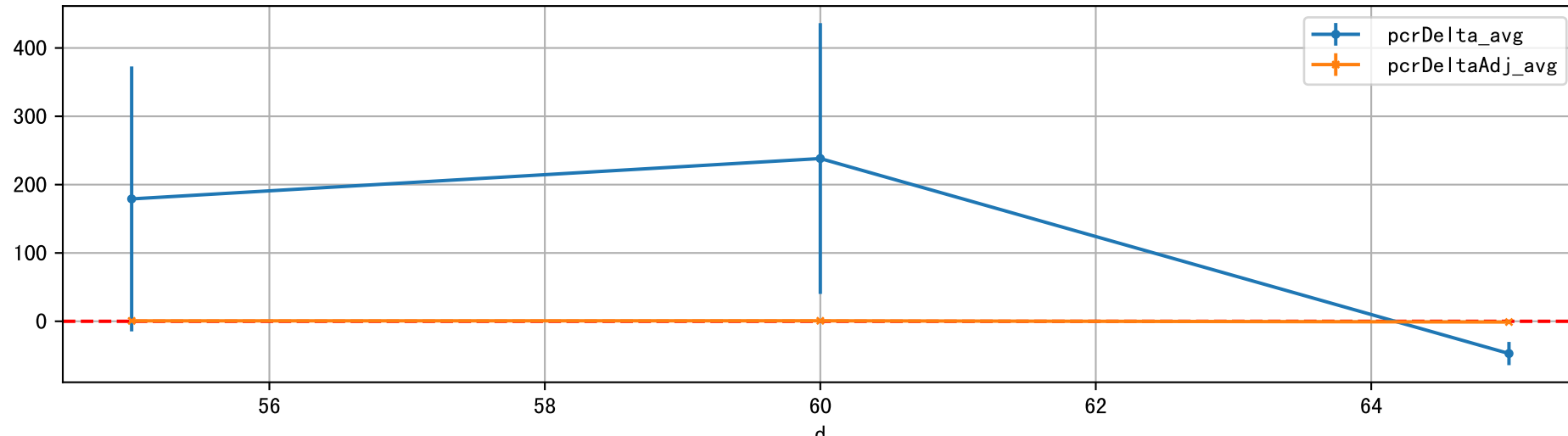
organID=1

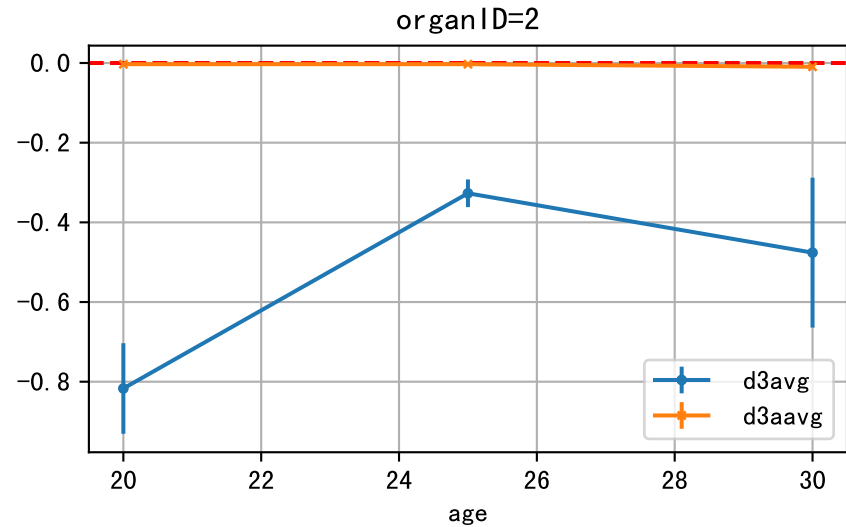
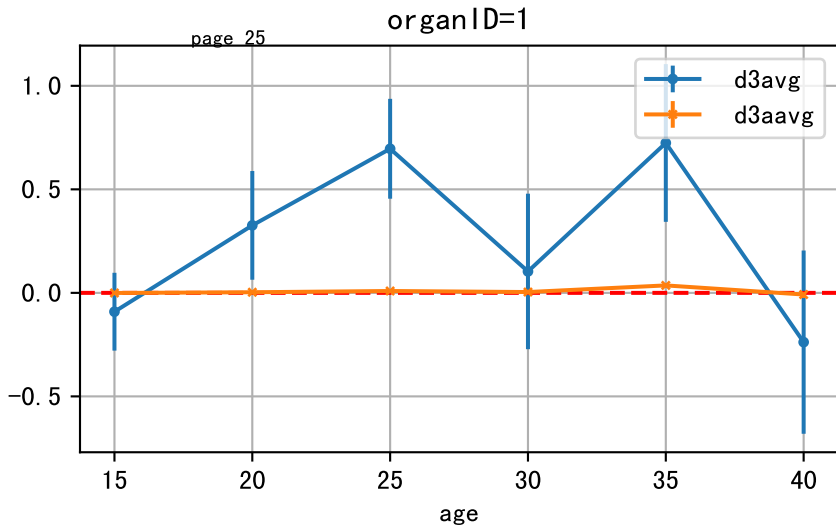


organID=2

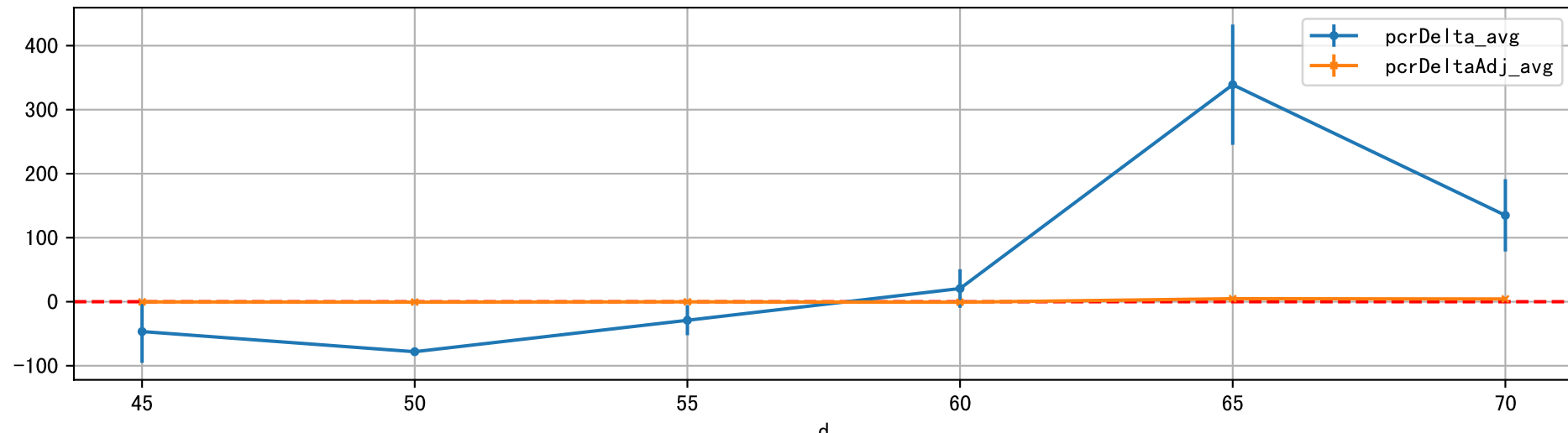


P10AW FrV: D_Ts_FrV

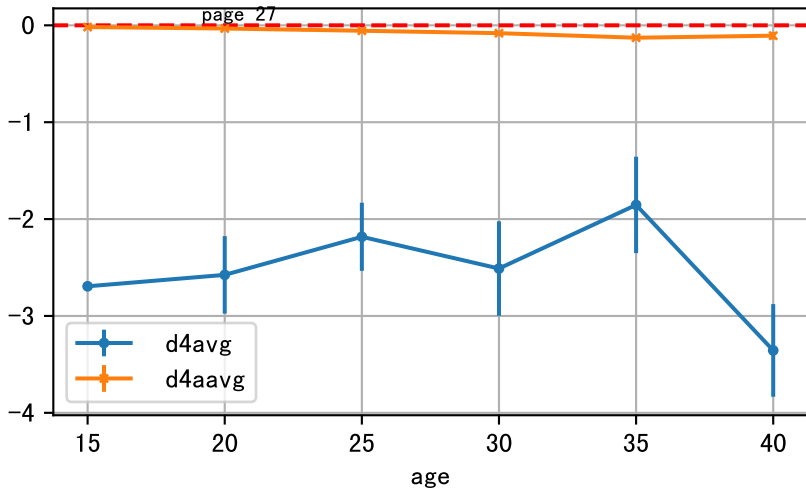




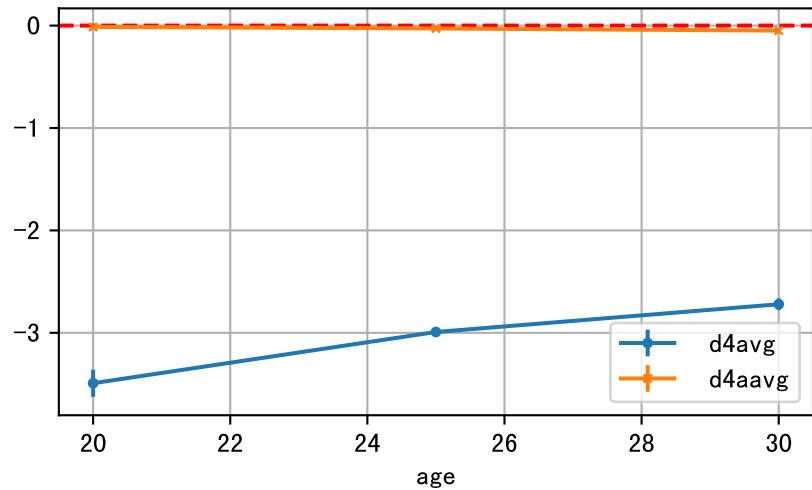
P10AW FrV: D_Q50_FrV



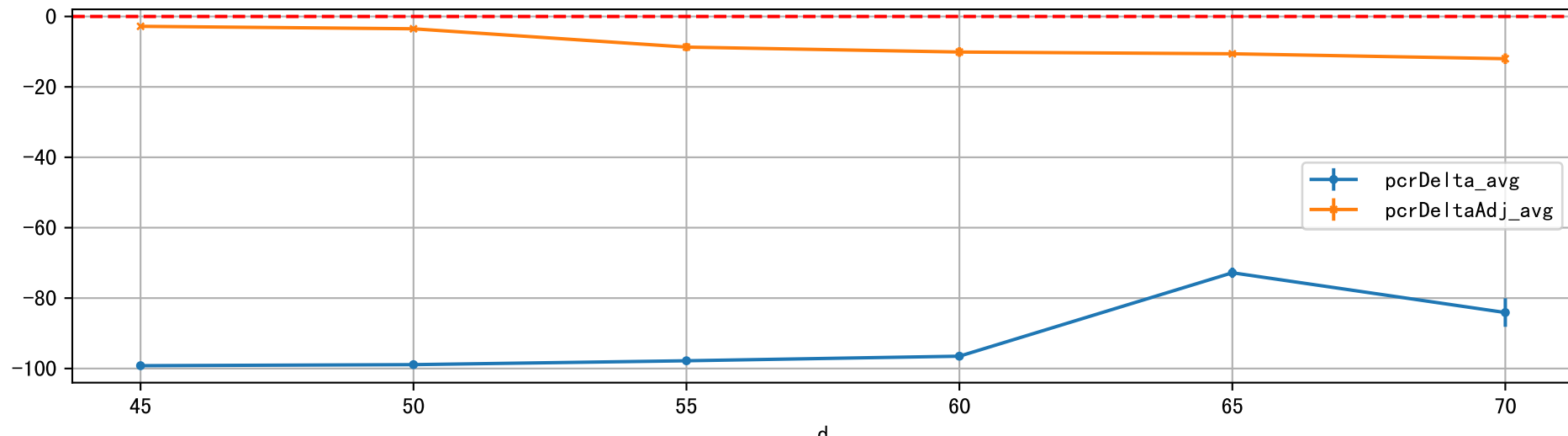
organID=1



organID=2



P10AW FrV: D_Est_FrV



P10AW FrV: sfDem

