

Phenotype Data Analysis Plots

PhenoData day range = 12 – 30

Analysis cutoff day = 30

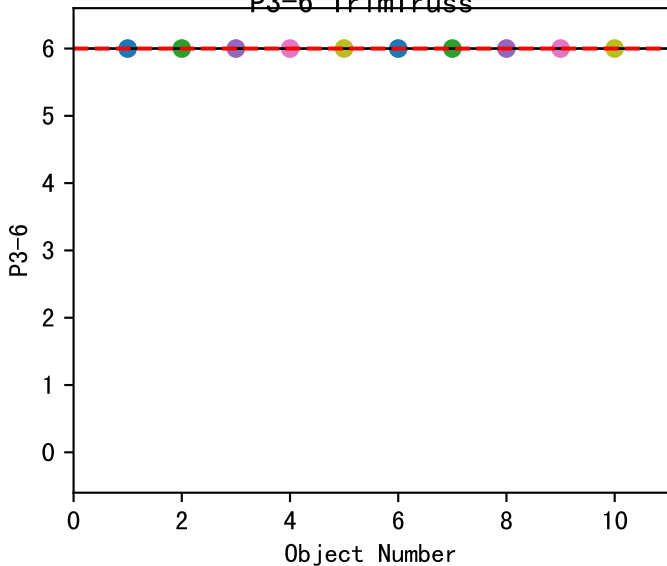
NC11 P3–6

2025-04-29 (Day 31)

TrussNodeMaxPerStem (Def=6.0 Set=6)

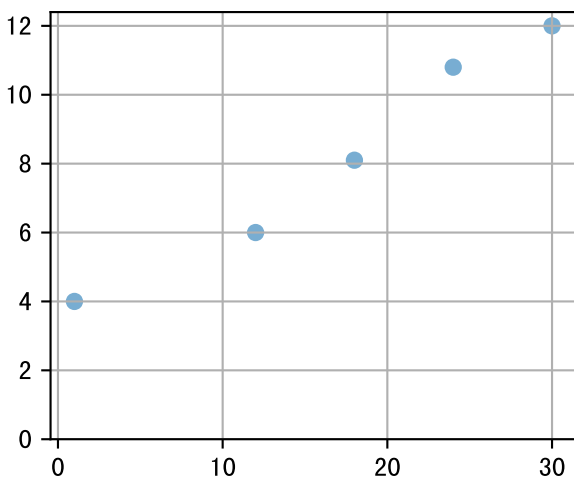
avg1=6.0~0% avg2=na

P3-6 TrimTruss

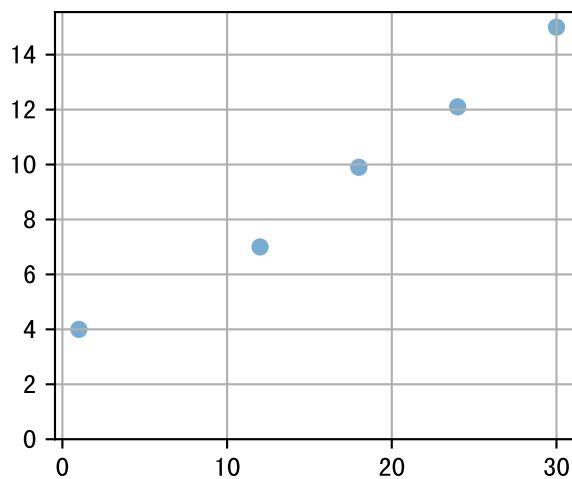


NdN

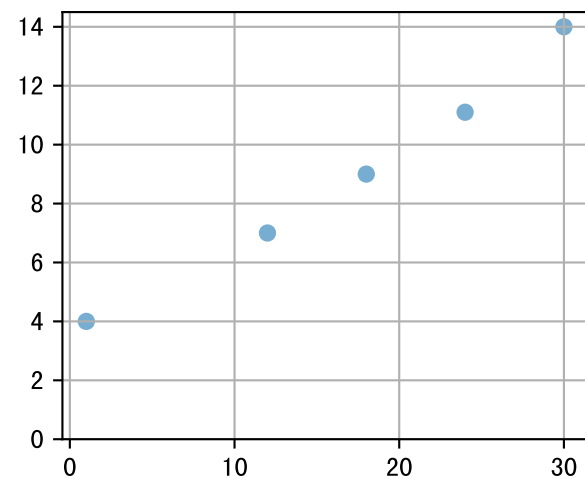
P3-6-003-24 (fit failed)



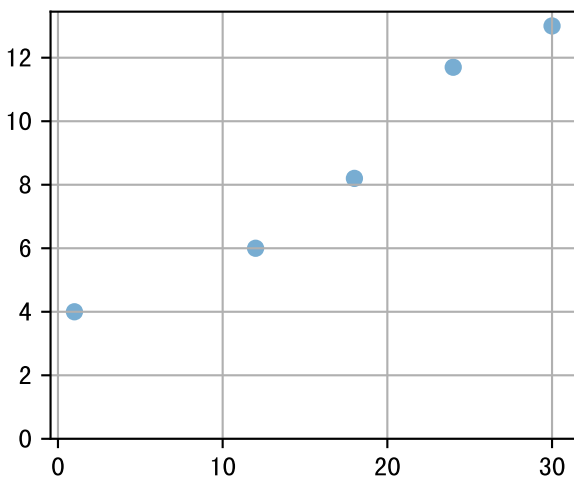
P3-6-007-11 (fit failed)



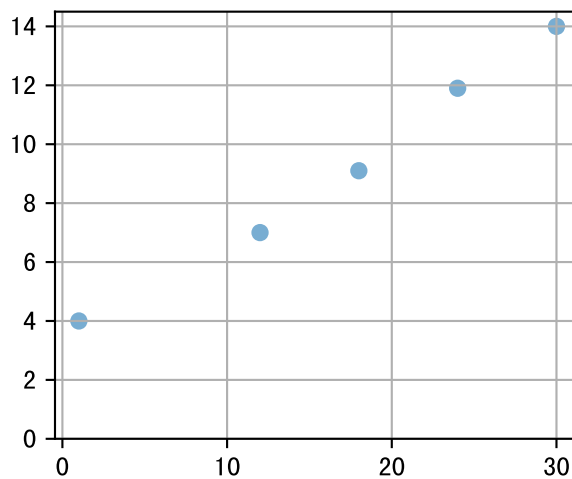
P3-6-011-7 (fit failed)



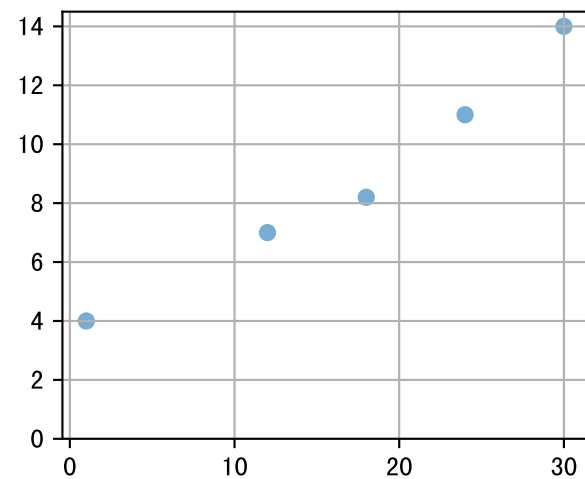
P3-6-015-30 (fit failed)



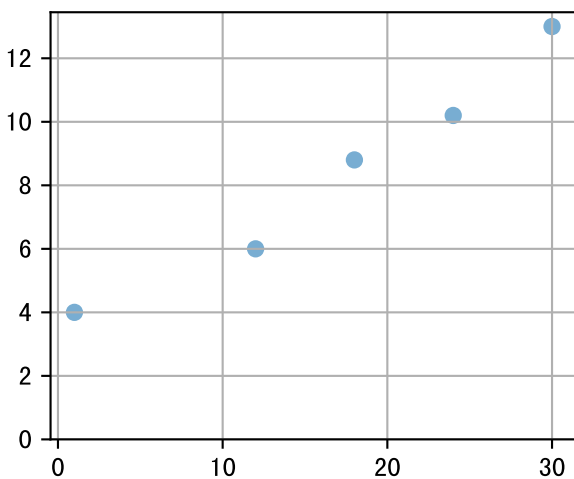
P3-6-019-12 (fit failed)



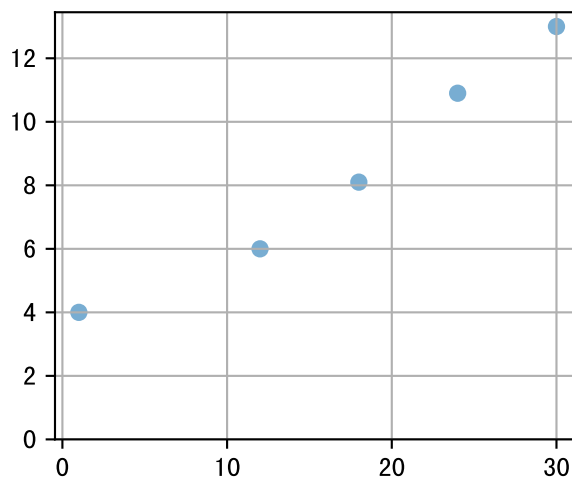
P3-6-024-25 (fit failed)



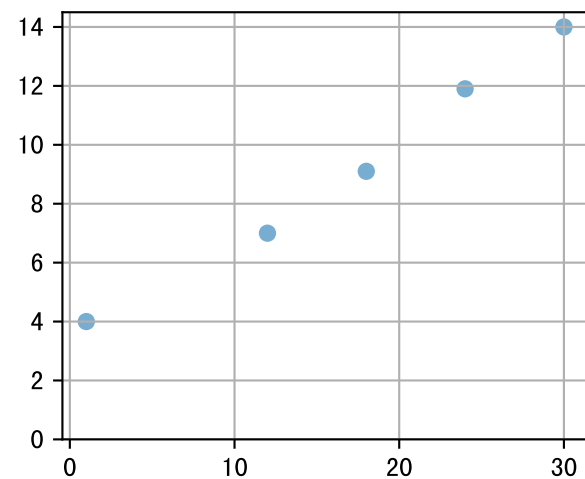
P3-6-028-32 (fit failed)



P3-6-033-9 (fit failed)

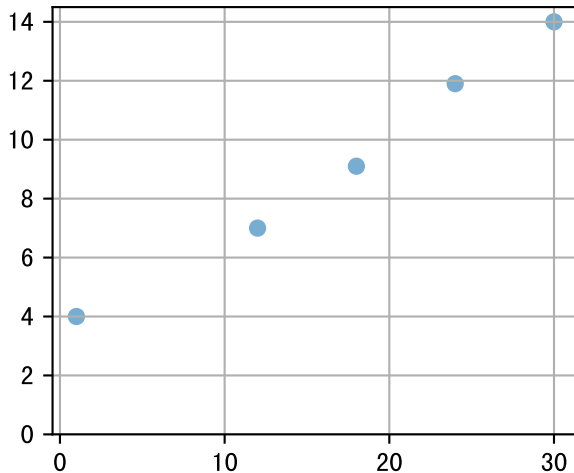


P3-6-038-21 (fit failed)



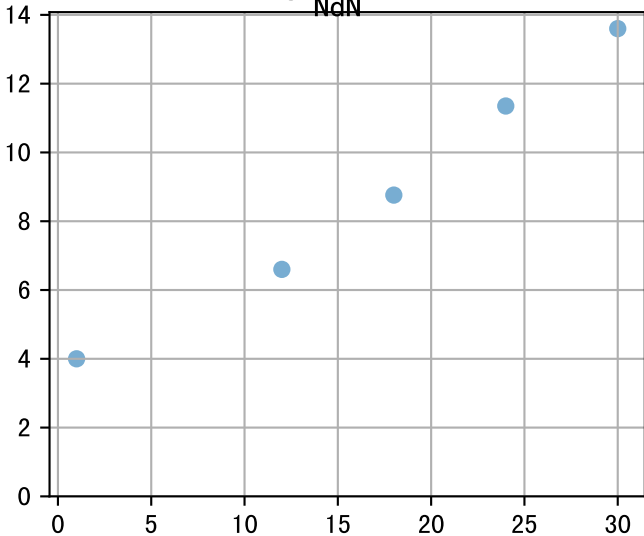
P3-6-042-4 (fit failed)

NdN



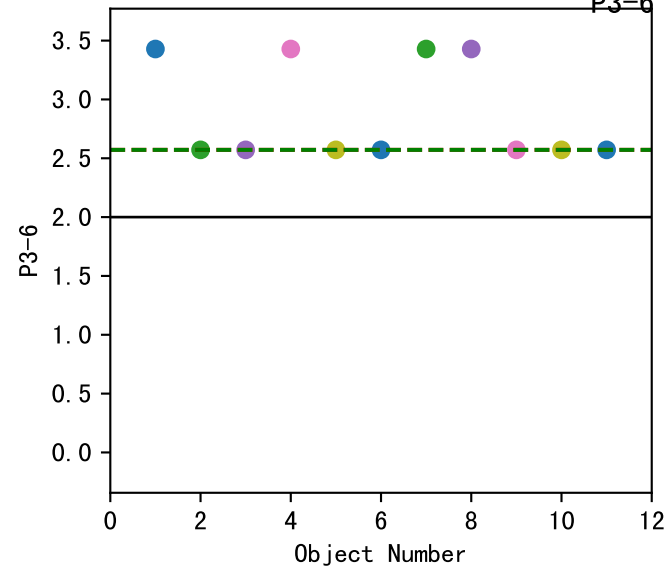
P3-6avg (fit failed)

NdN



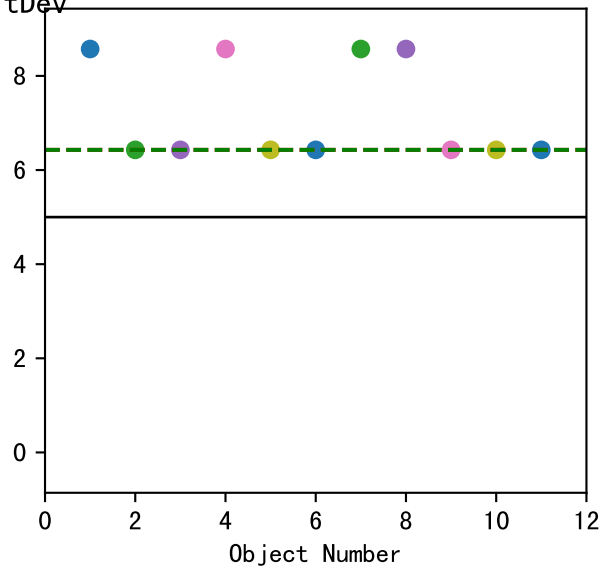
InitDev_dm (Def=2 Set=2.57)
avg1=2.57~17% avg2=2.57

P3-6

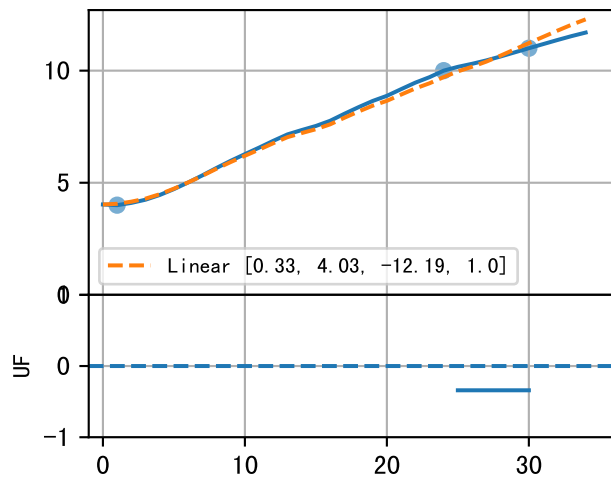


InitDev_de (Def=5 Set=6.43)
avg1=6.43~17% avg2=6.43

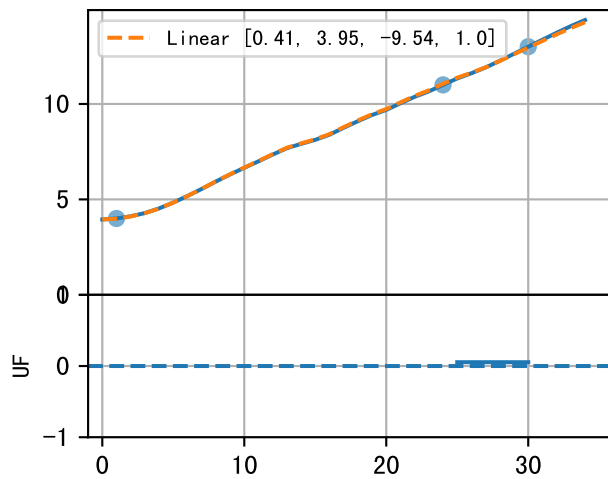
InitDev



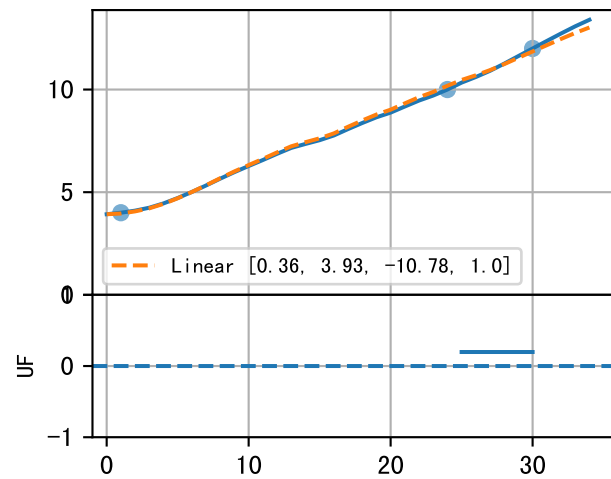
P3-6-003-24



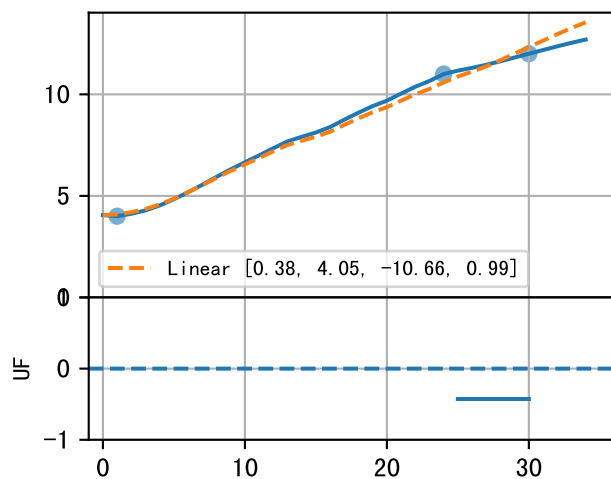
P3-6-007-11



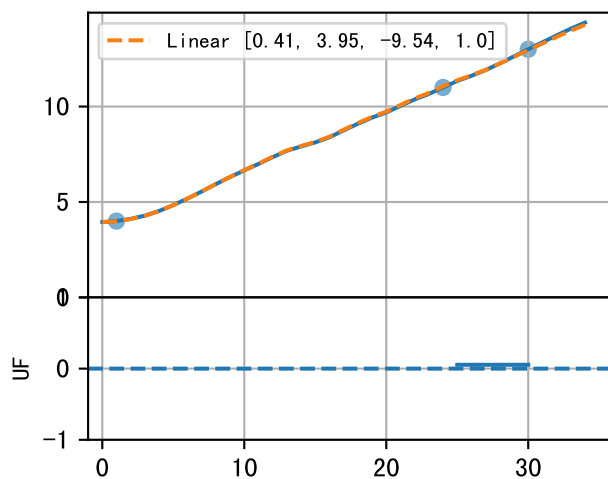
P3-6-011-7



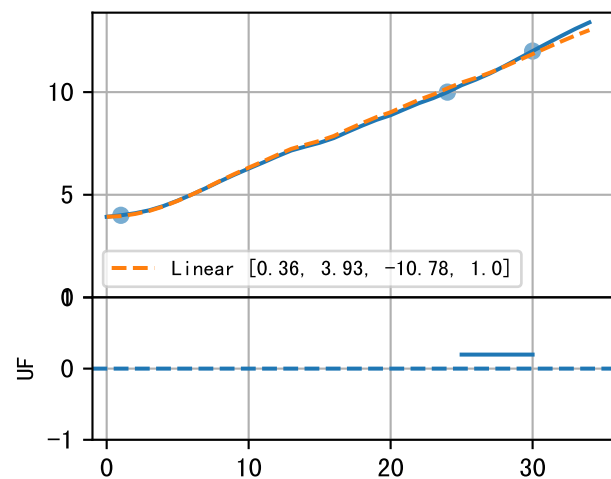
P3-6-015-30



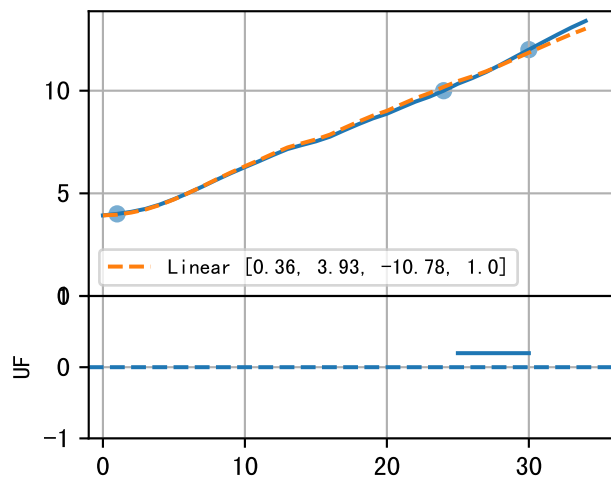
P3-6-019-12



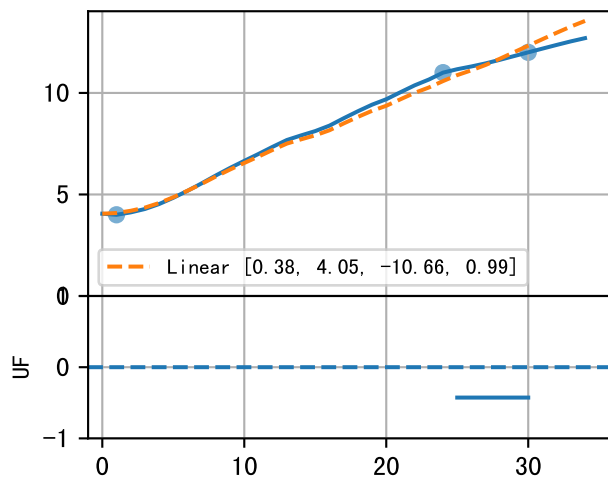
P3-6-024-25



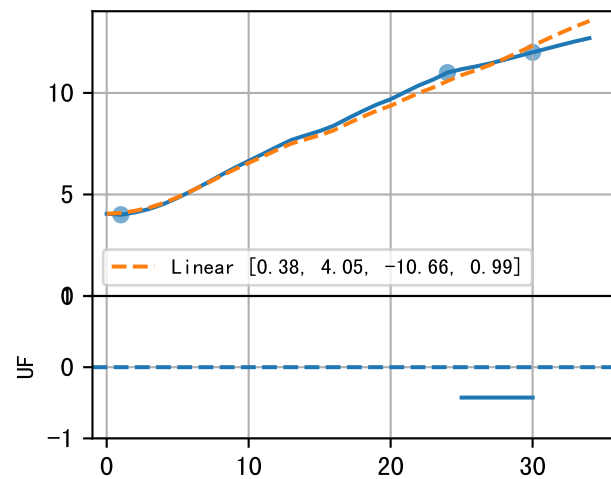
P3-6-033-9



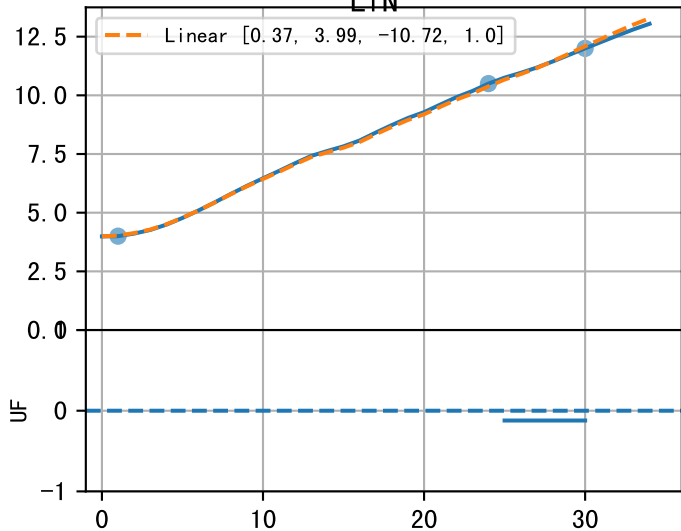
P3-6-038-21



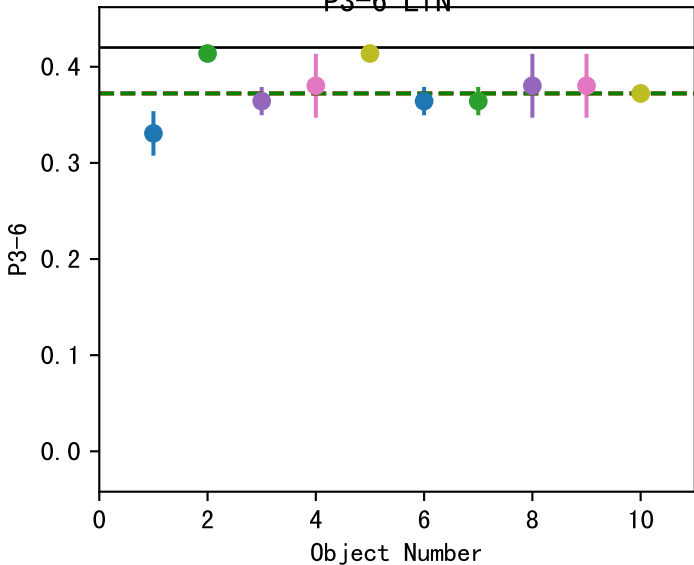
P3-6-042-4



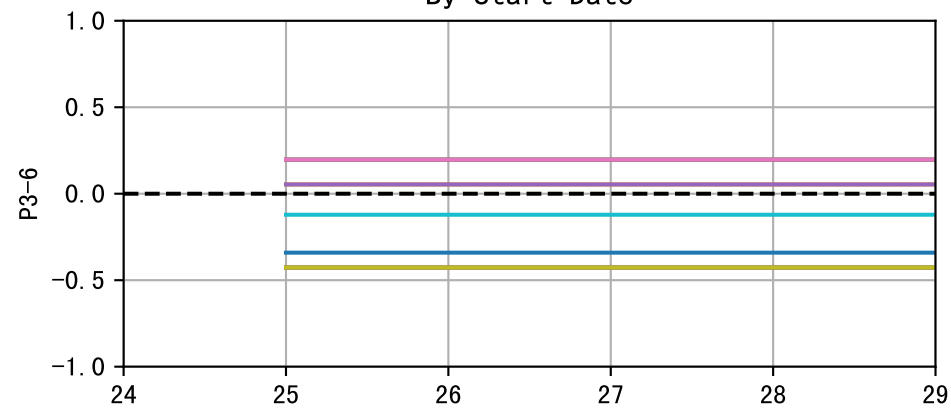
P3-6avg
Lfn



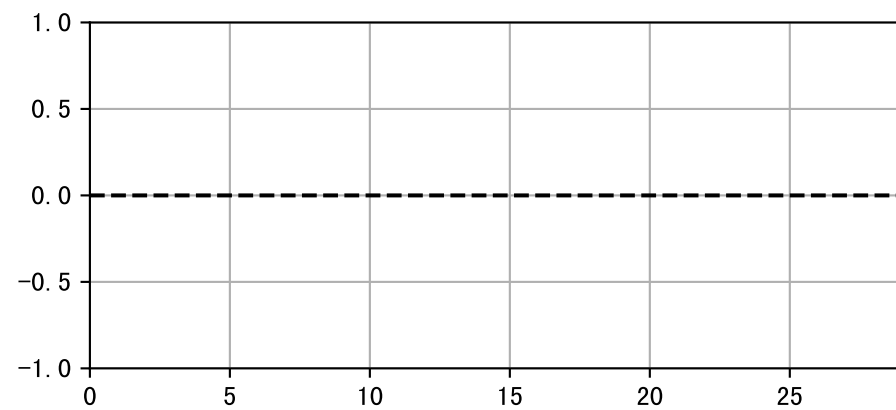
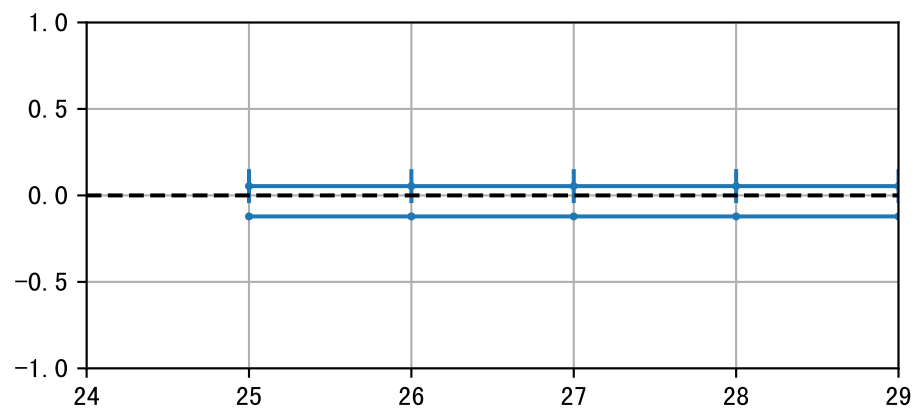
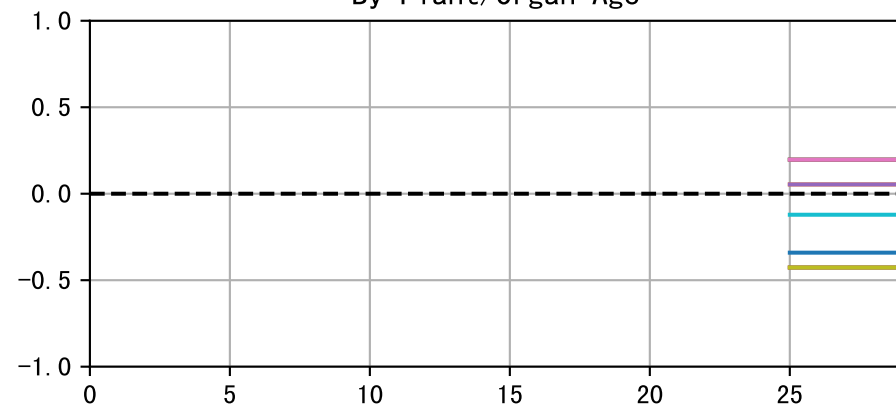
a (Def=0.42 Set=0.37)
avg1=0.37 $\sim$ 2% avg2=0.37 $\sim$ 8%
P3-6 LfN



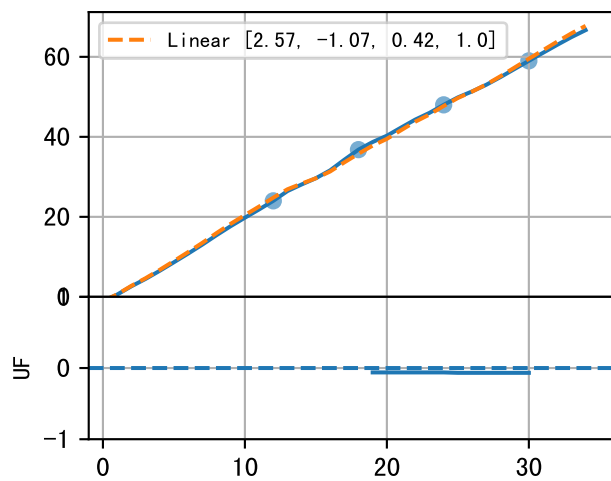
By Start Date



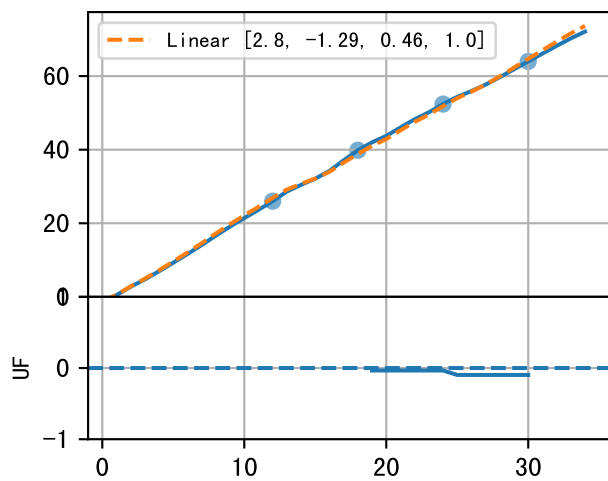
By Plant/Organ Age



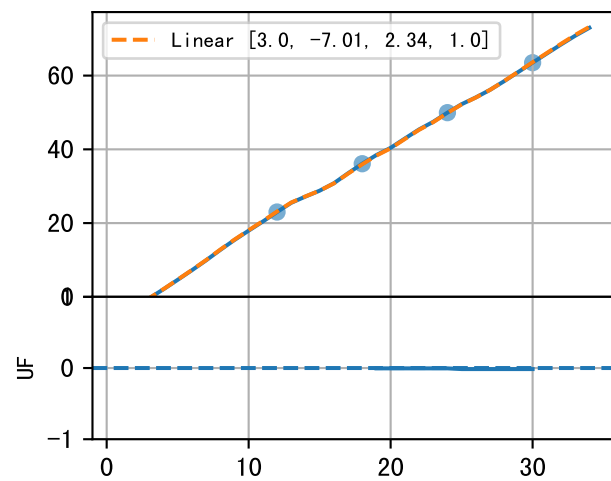
P3-6-003-24



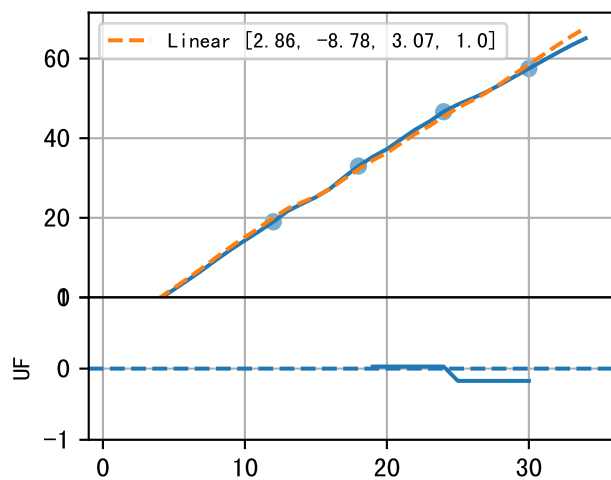
P3-6-007-11



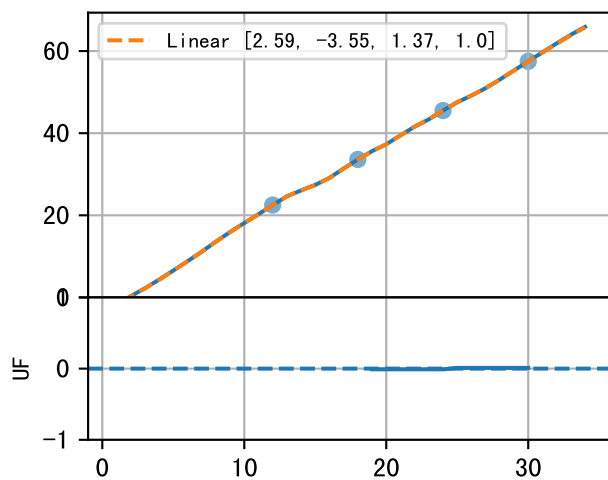
P3-6-011-7



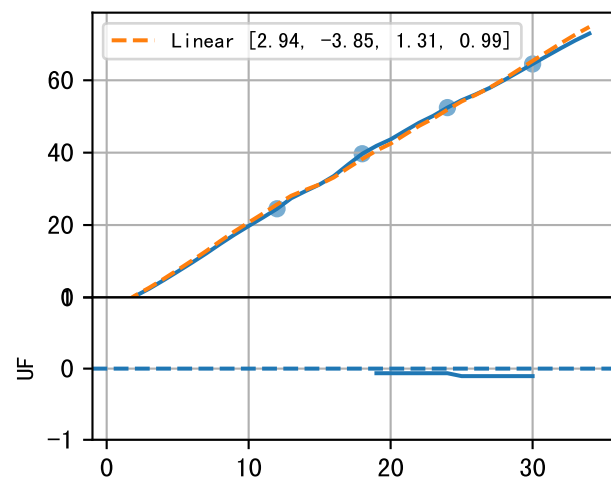
P3-6-015-30



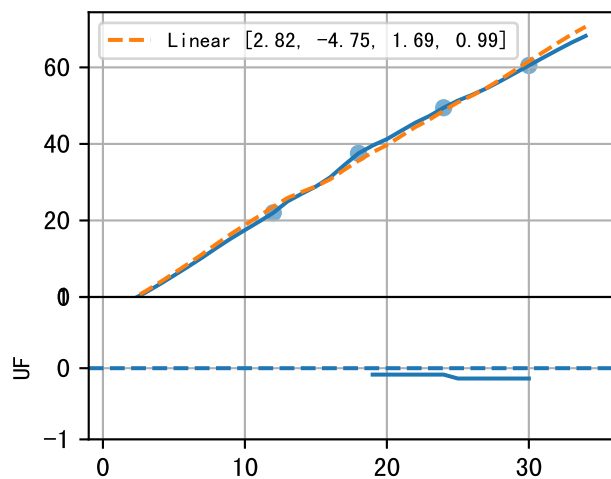
P3-6-019-12



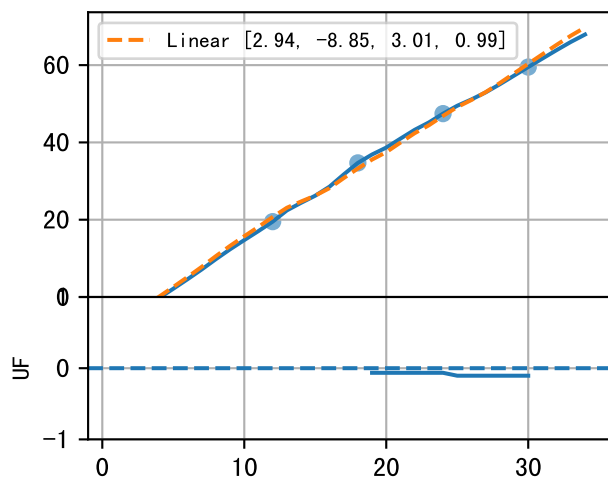
P3-6-024-25



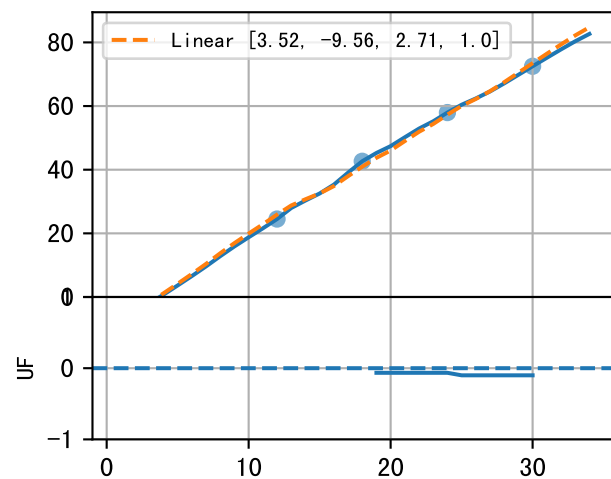
P3-6-028-32



P3-6-033-9

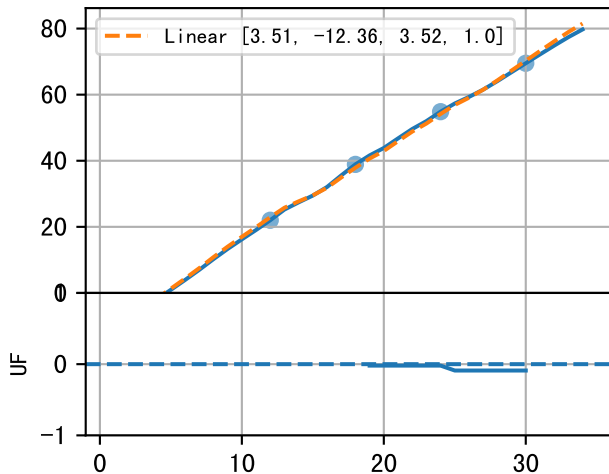


P3-6-038-21

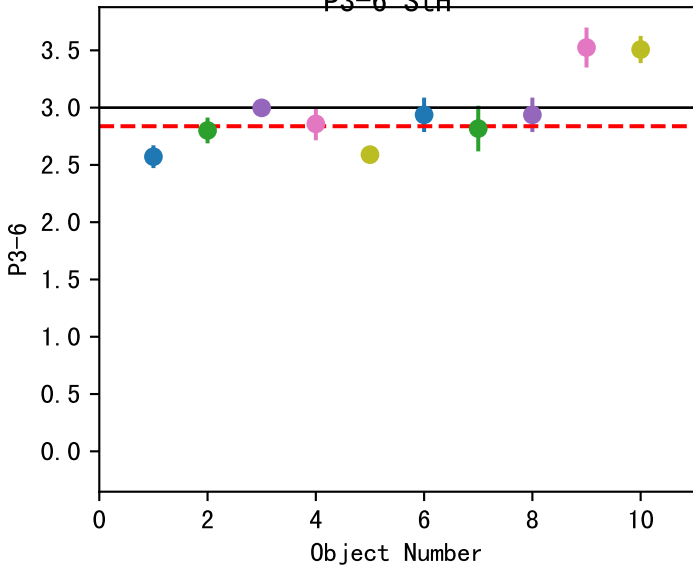


P3-6-042-4

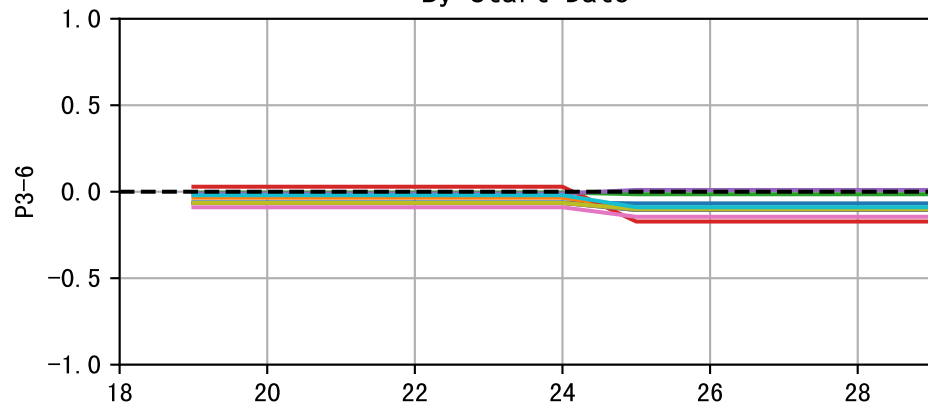
StH



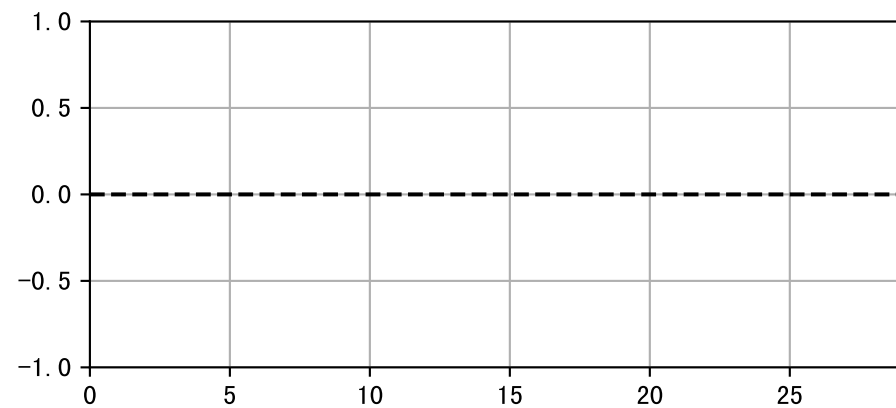
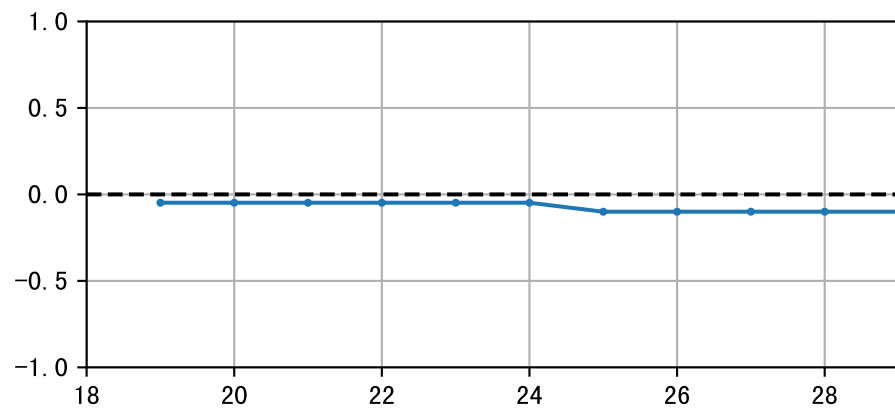
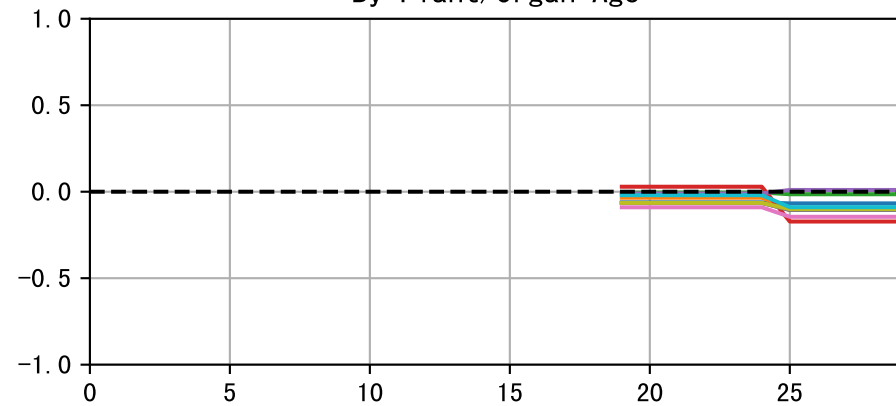
a (Def=3 Set=2.84)
avg1=2.84~6% avg2=na
P3-6 StH



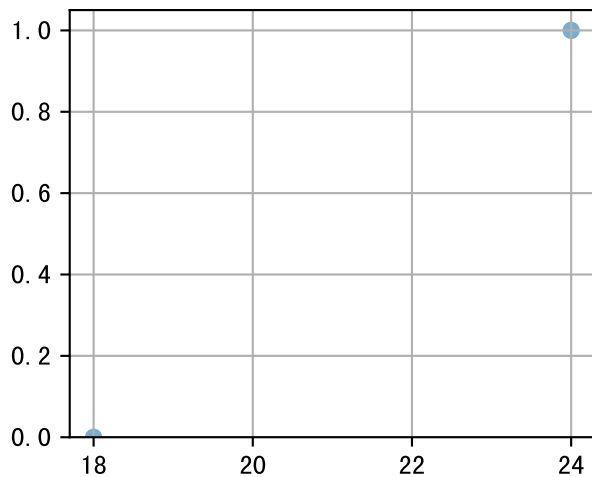
By Start Date



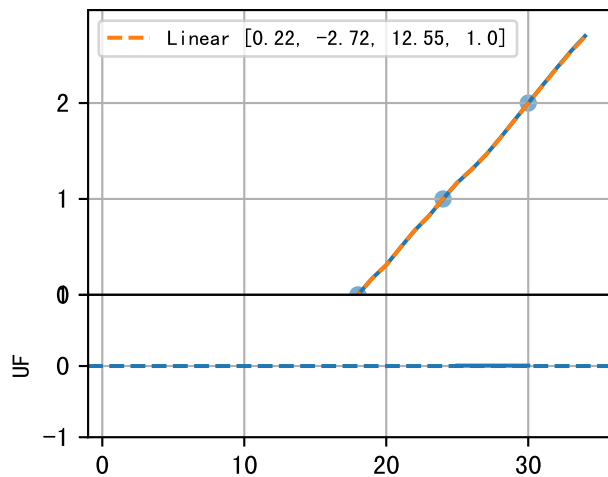
By Plant/Organ Age



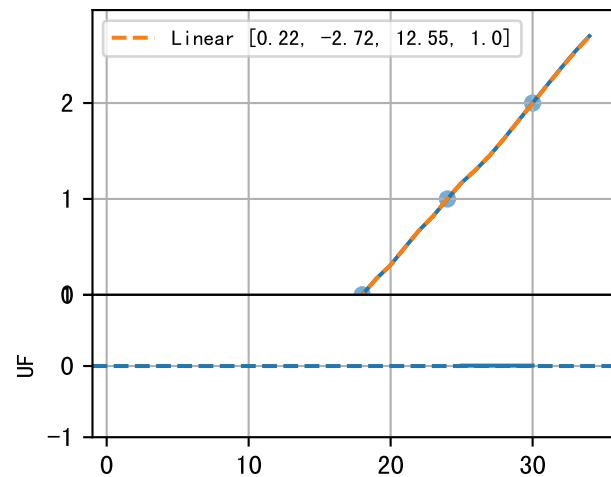
P3-6-003-24 (fit failed)



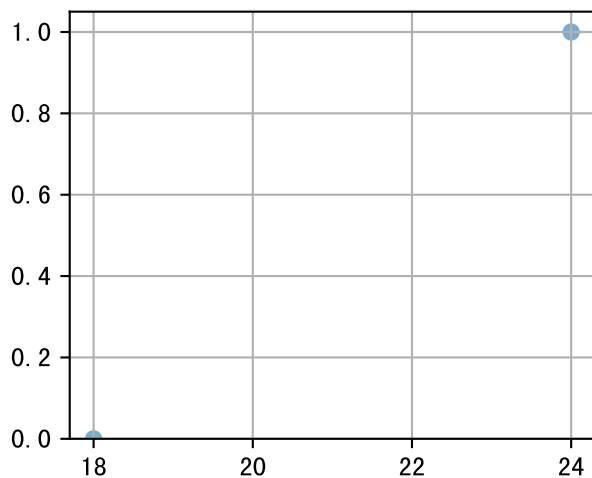
P3-6-007-11



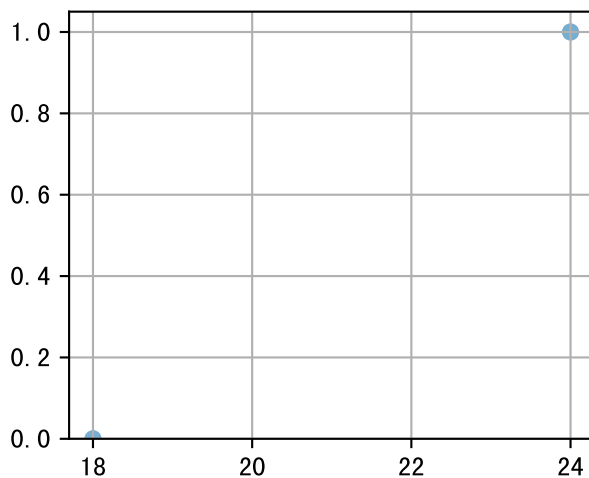
P3-6-011-7



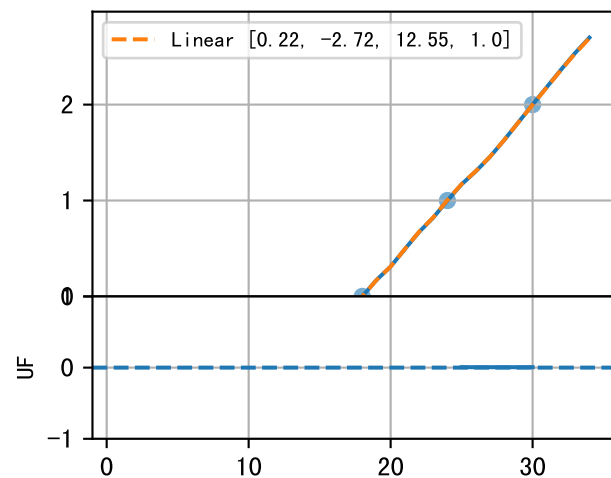
P3-6-015-30 (fit failed)



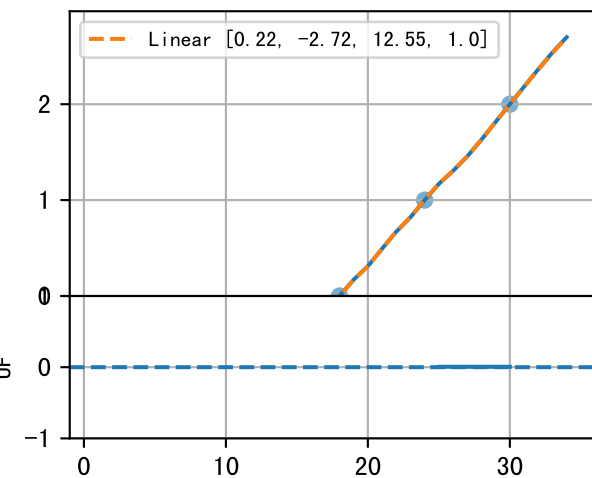
P3-6-019-12 (fit failed)



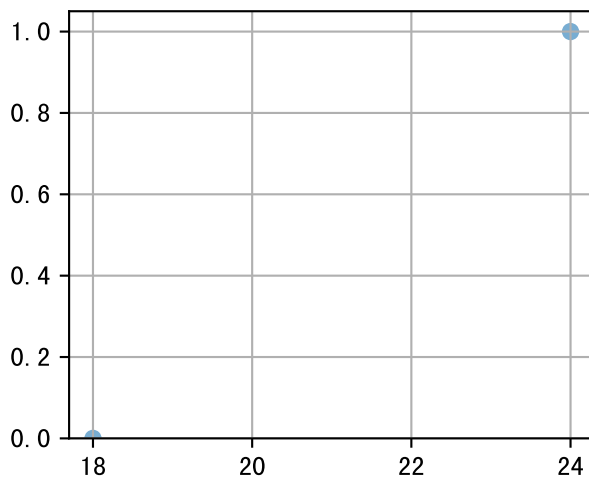
P3-6-024-25



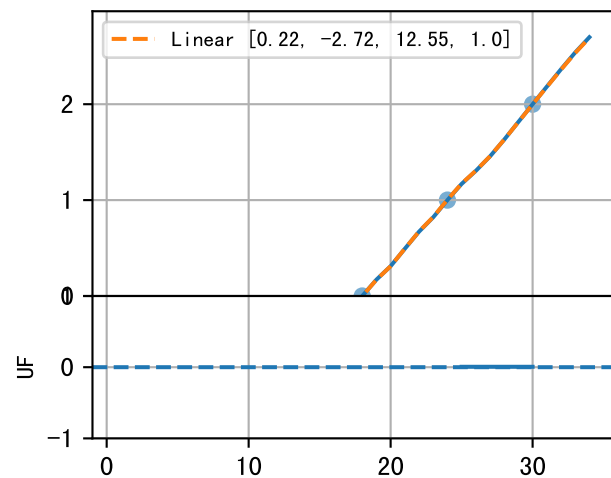
P3-6-028-32



P3-6-033-9 (fit failed)

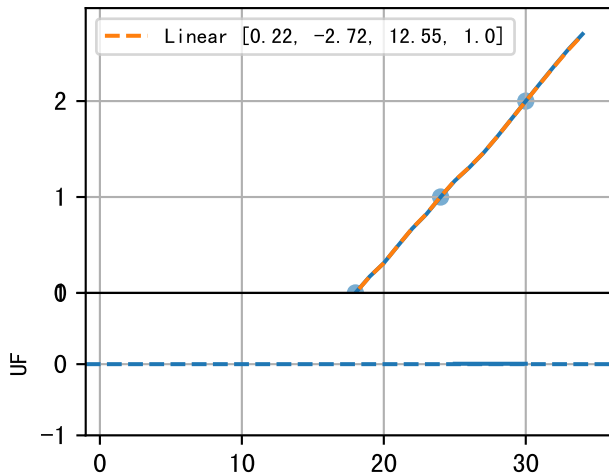


P3-6-038-21



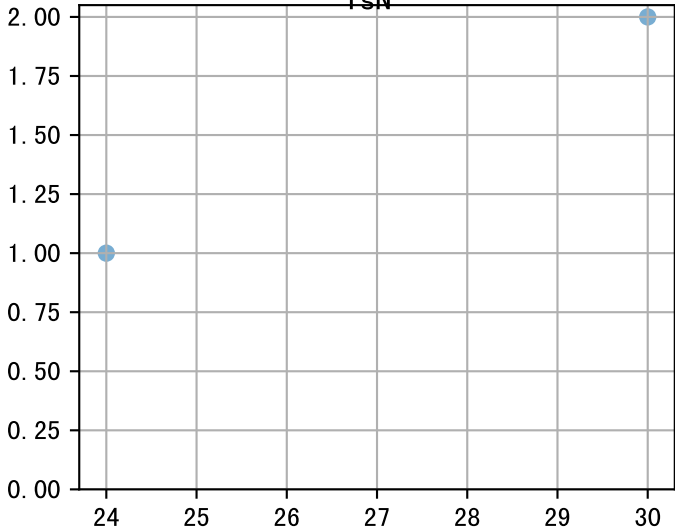
P3-6-042-4

TsN



P3-6avg (fit failed)

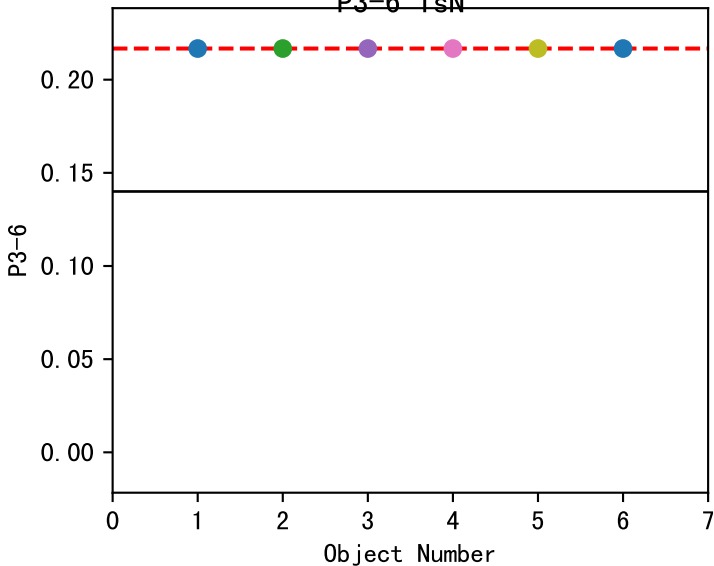
TsN



a (Def=0.14 Set=0.14)

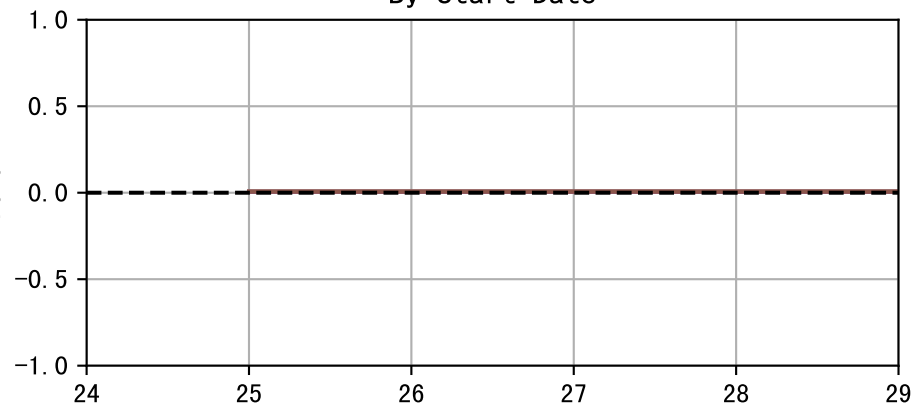
avg1=0.22~0% avg2=na

P3-6 TSN

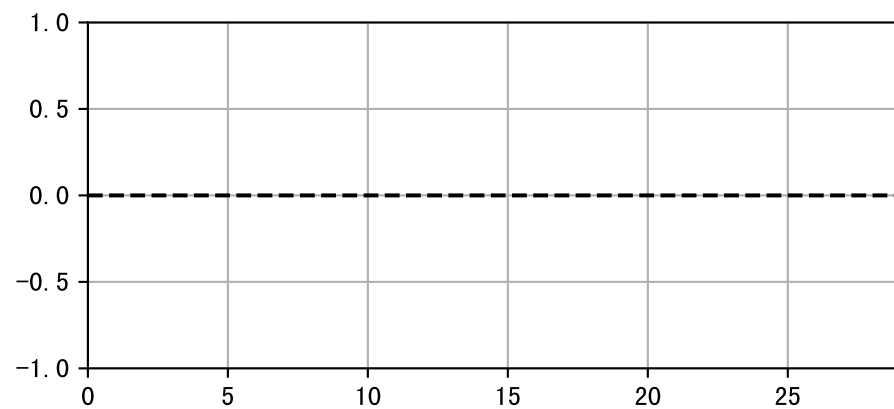
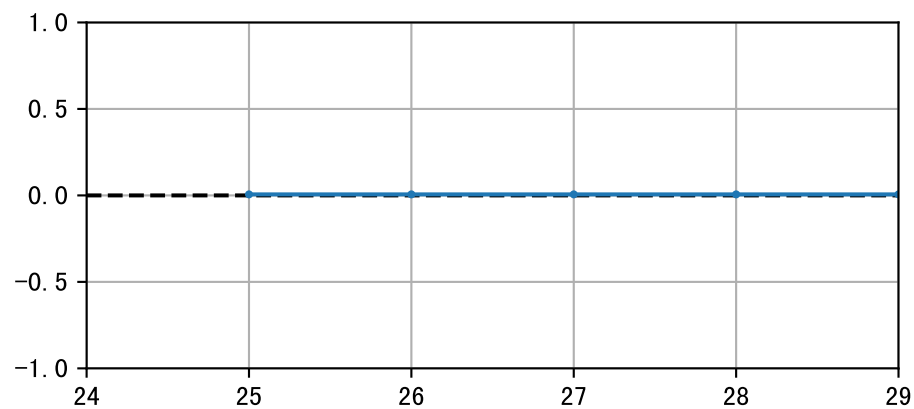
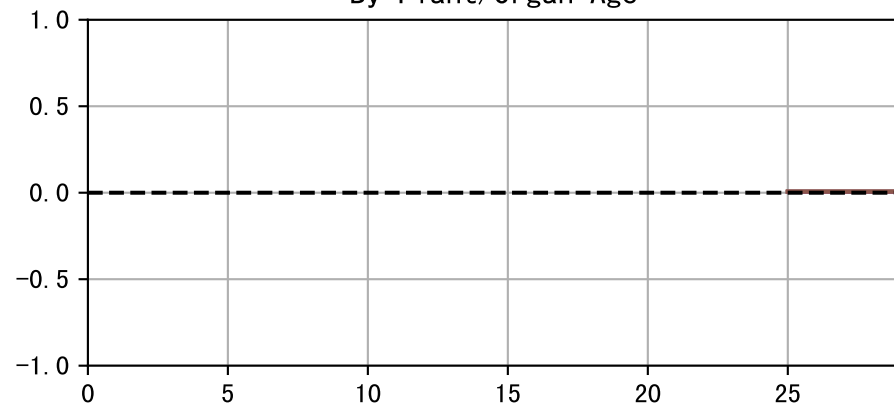


TsN

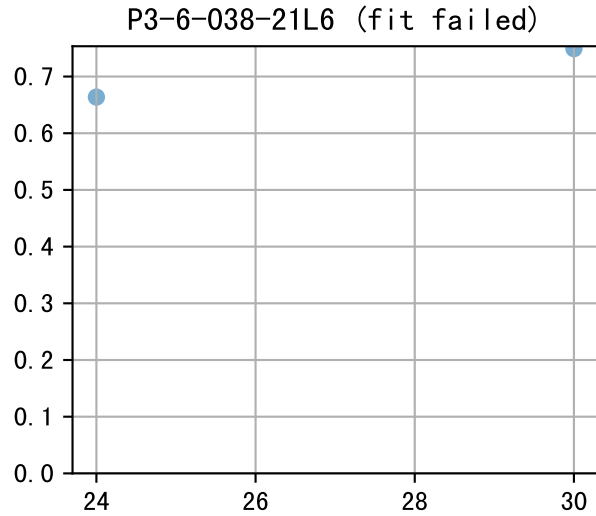
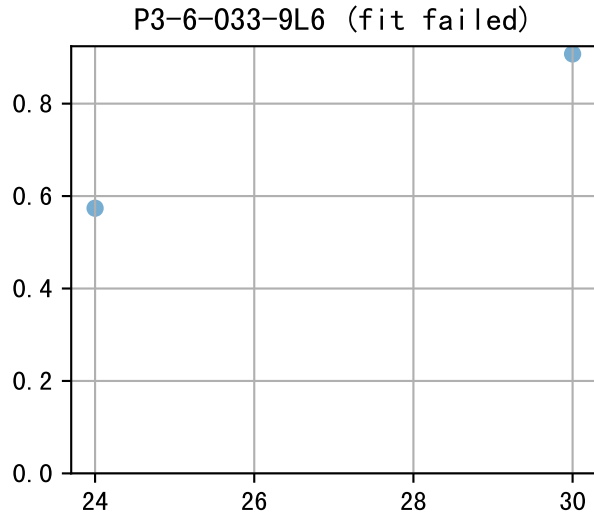
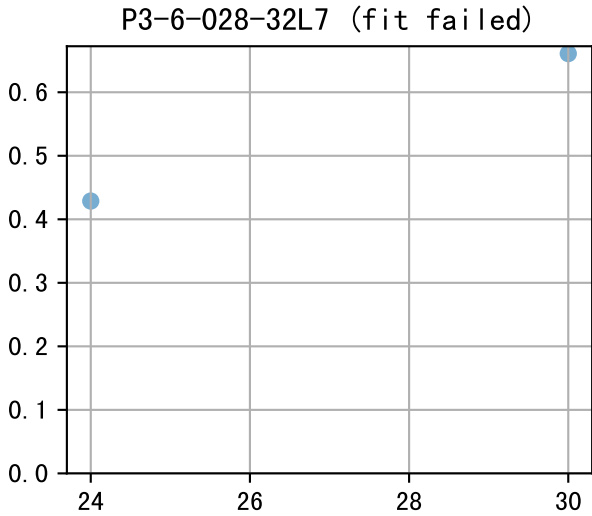
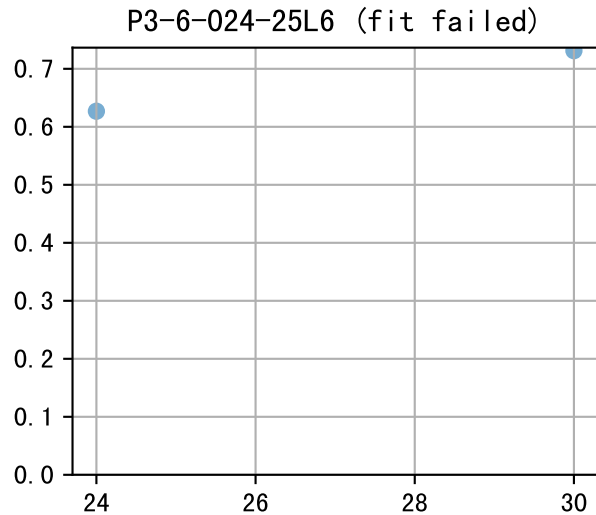
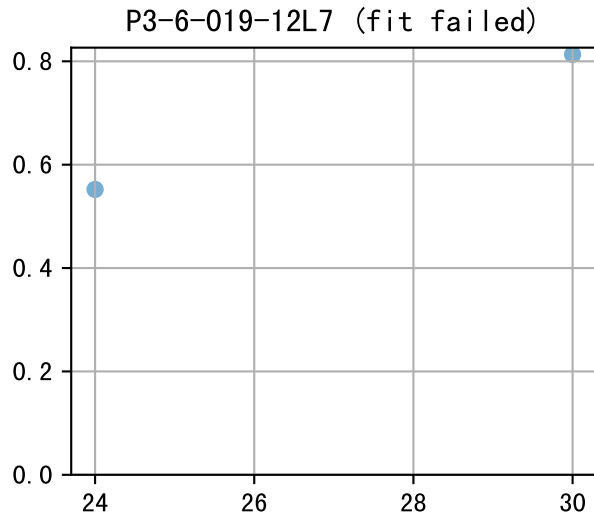
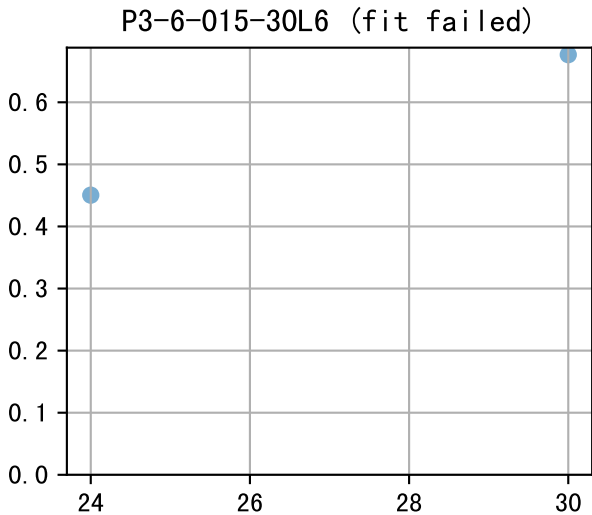
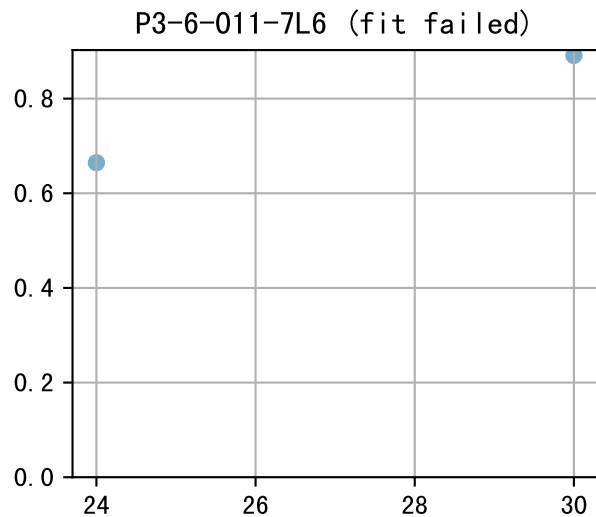
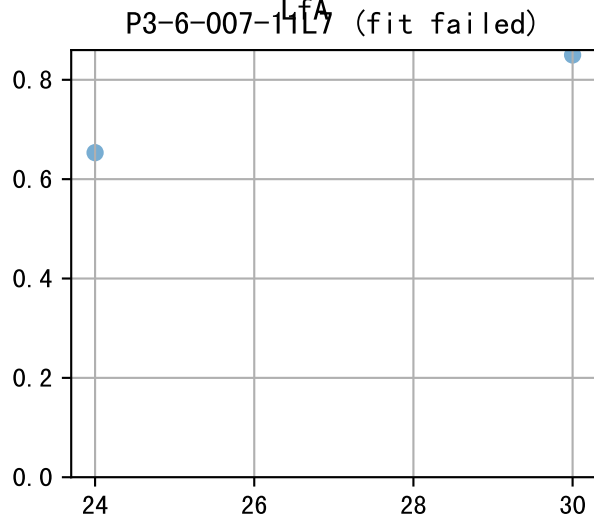
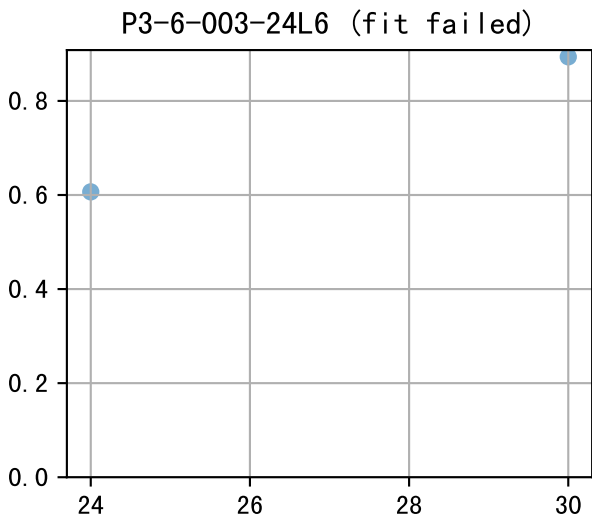
By Start Date



By Plant/Organ Age

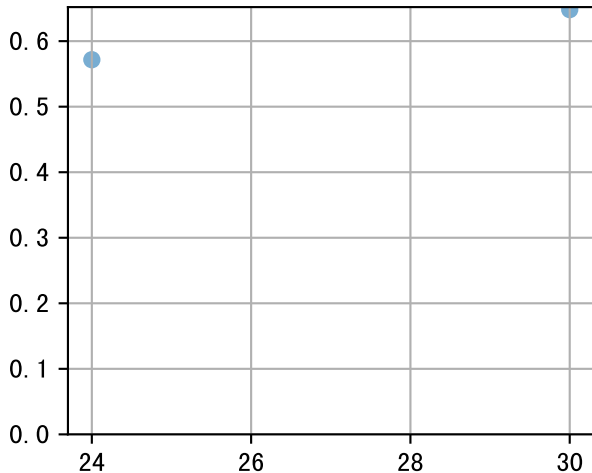


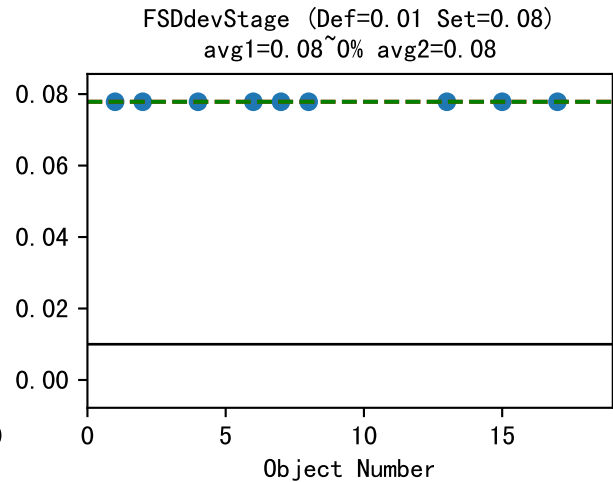
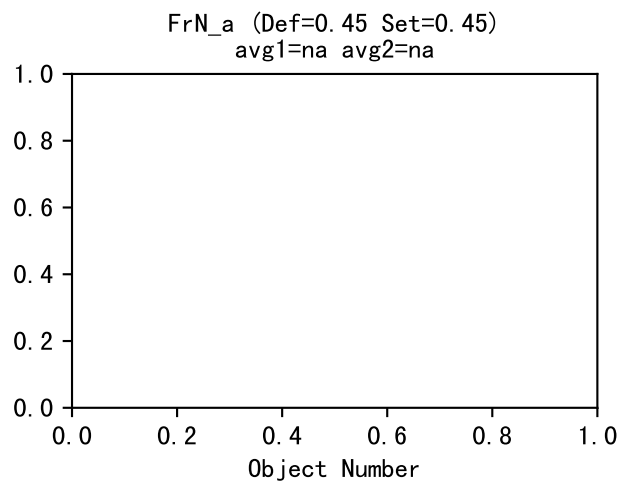
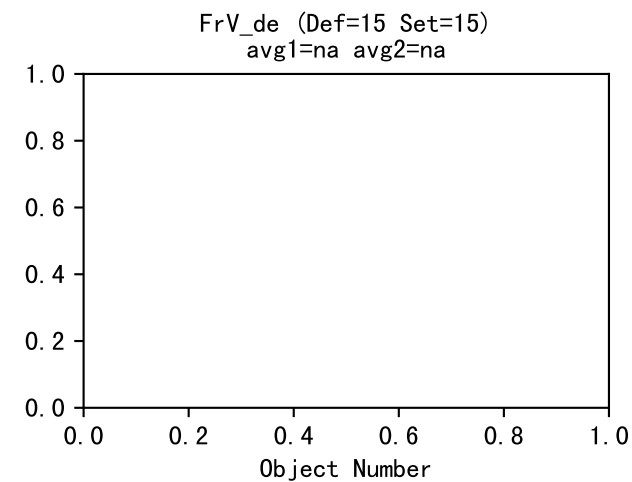
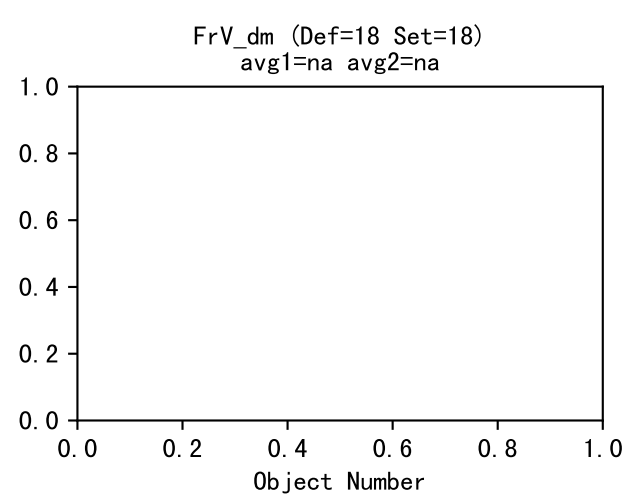
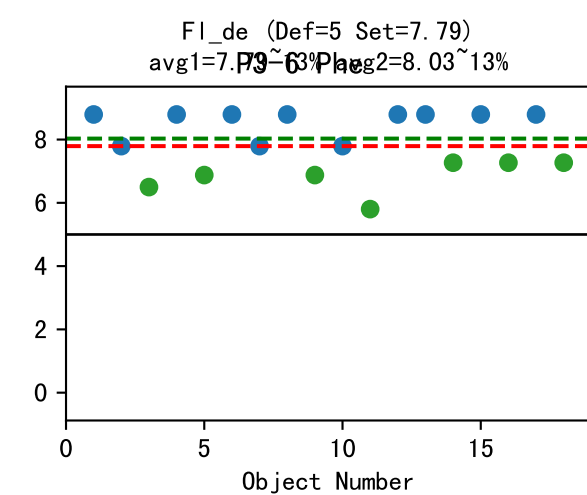
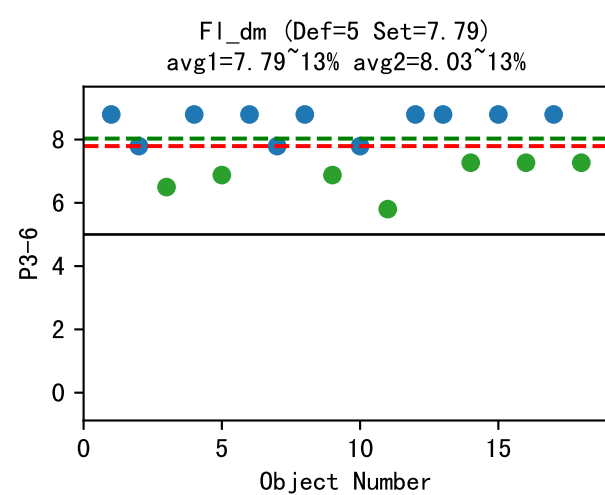
14



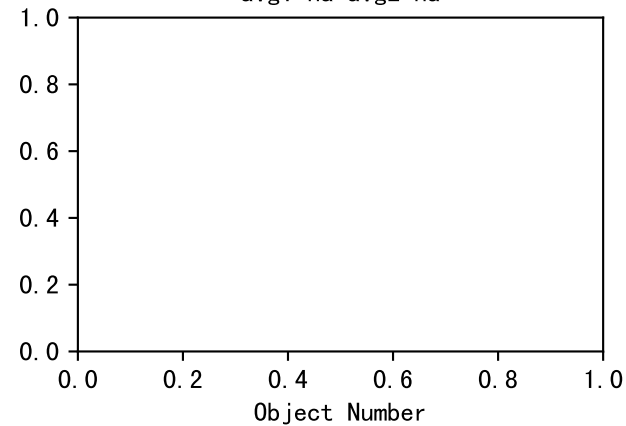
P3-6-042-4L6 (fit failed)

LfA

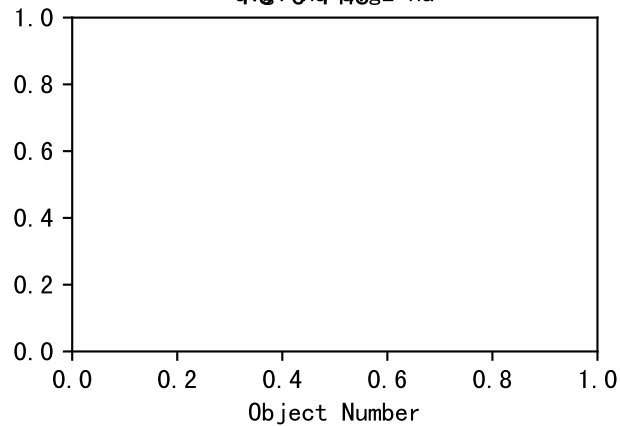




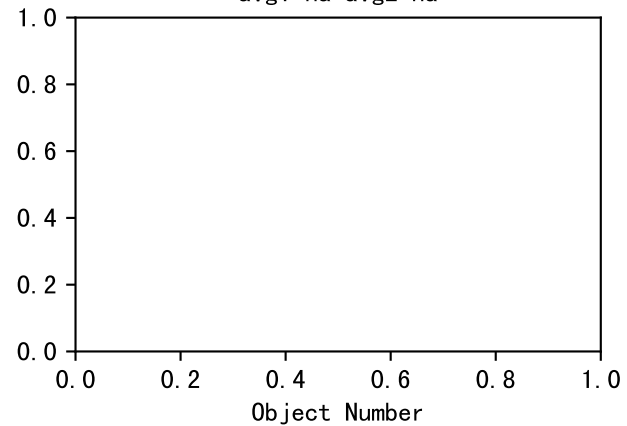
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



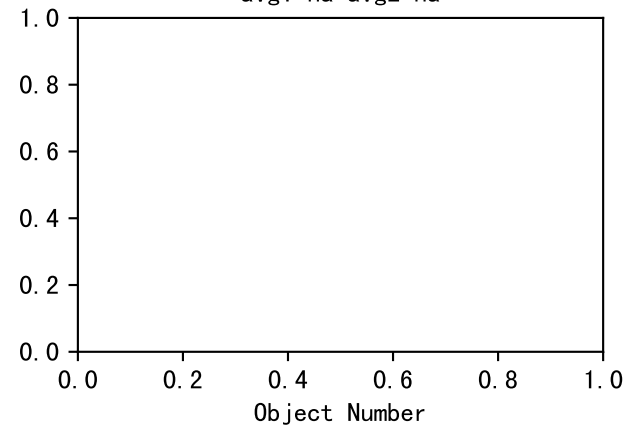
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



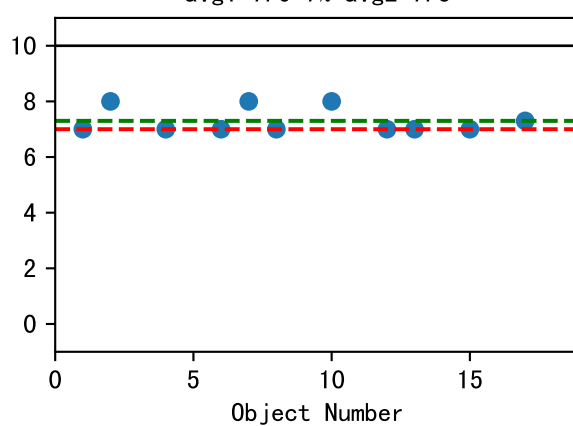
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



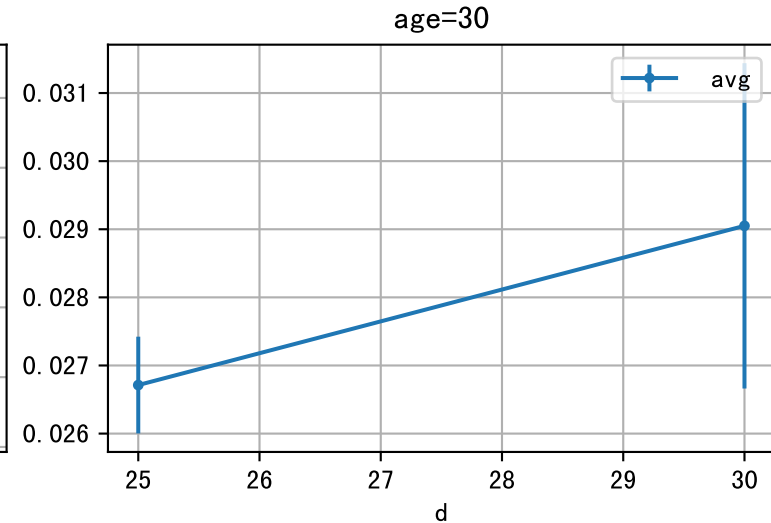
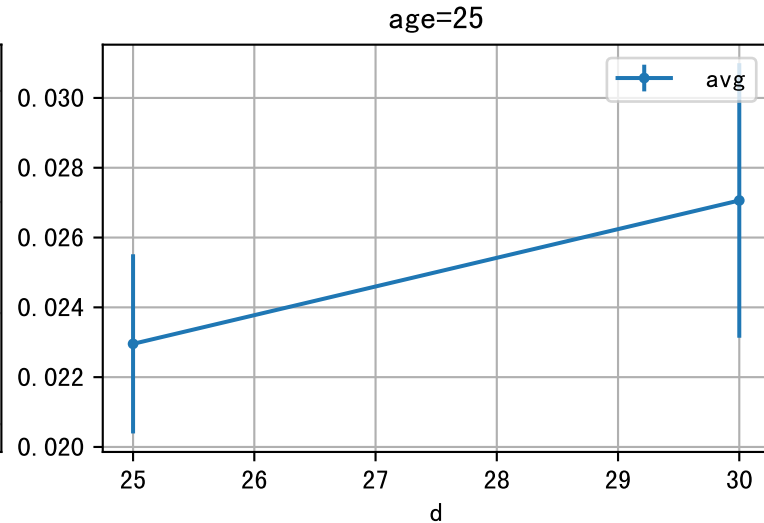
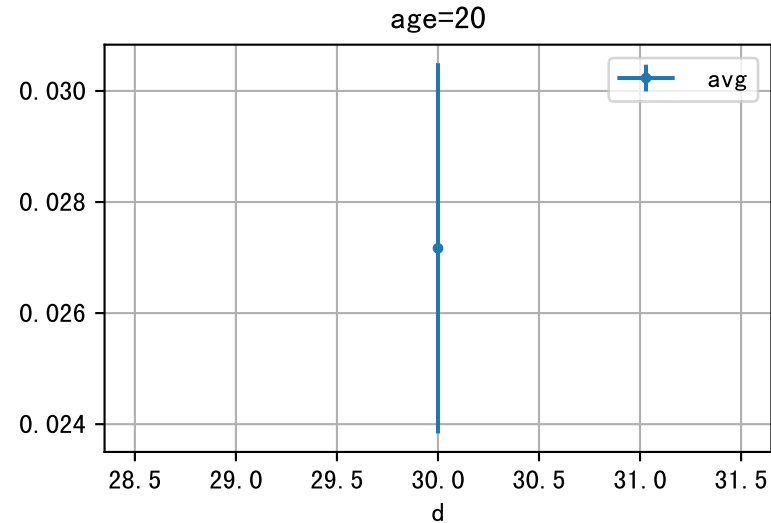
FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na



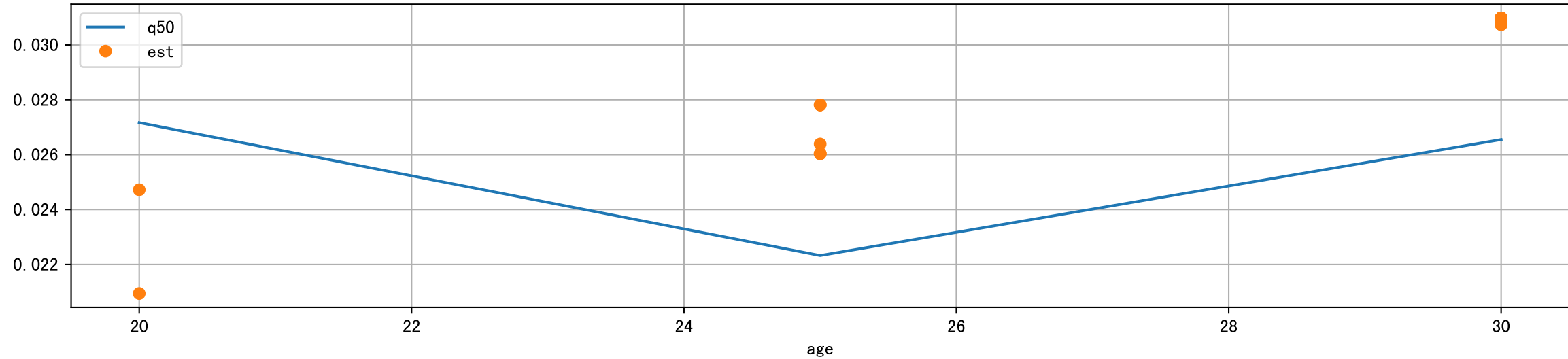
NNgen (Def=10 Set=7)
avg1=7.0~7% avg2=7.3



LfA: avg vs. d at each age group



LfA: model est vs obs0v@Q50

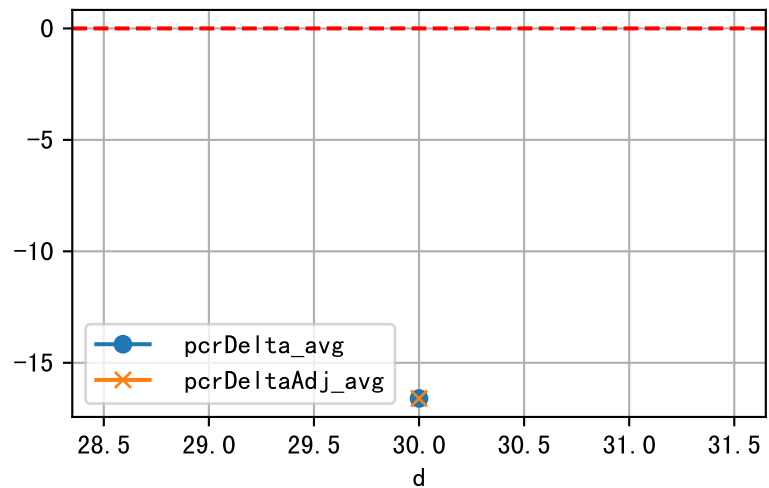
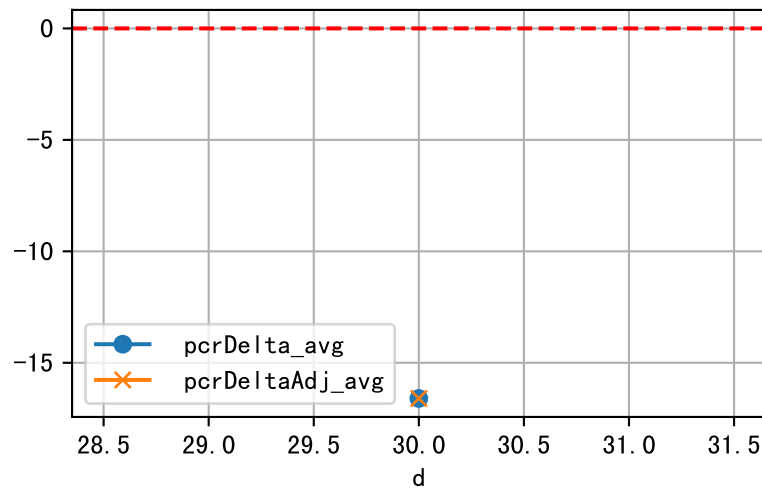
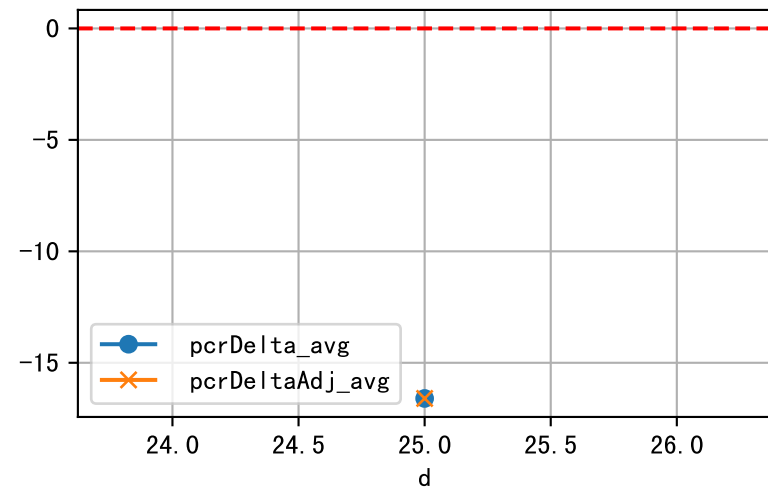


P3-6 LfA: D_5d_LfA

DeltaTypeAbbr=GrpByDay

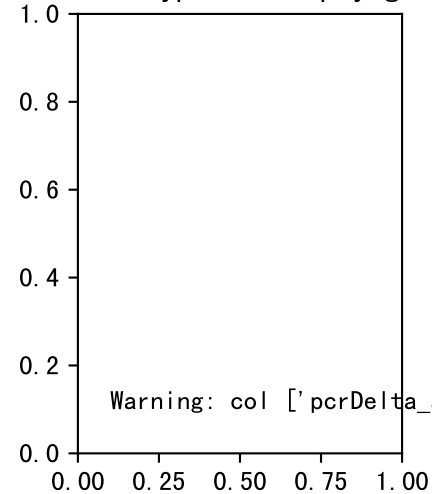
DeltaTypeAbbr=WeiAvgByD

DeltaTypeAbbr=GrpByAge

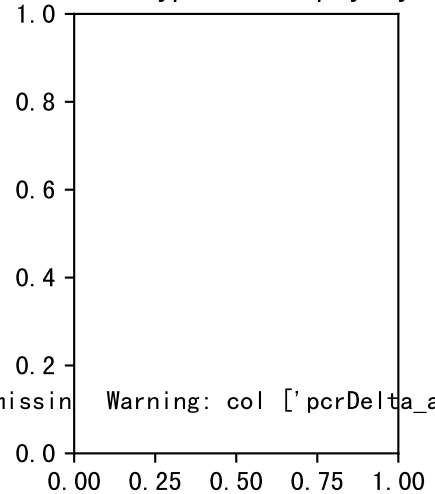


P3-6 LfA: D_15d_LfA

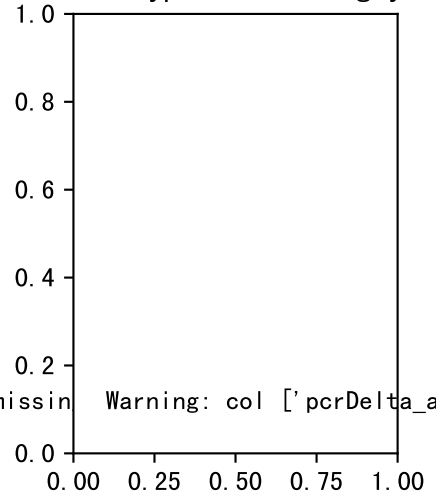
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

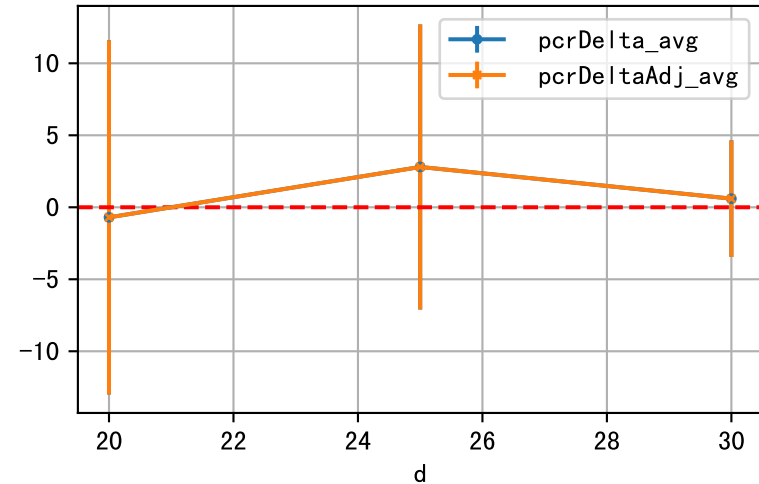


DeltaTypeAbbr=WeiAvgByD

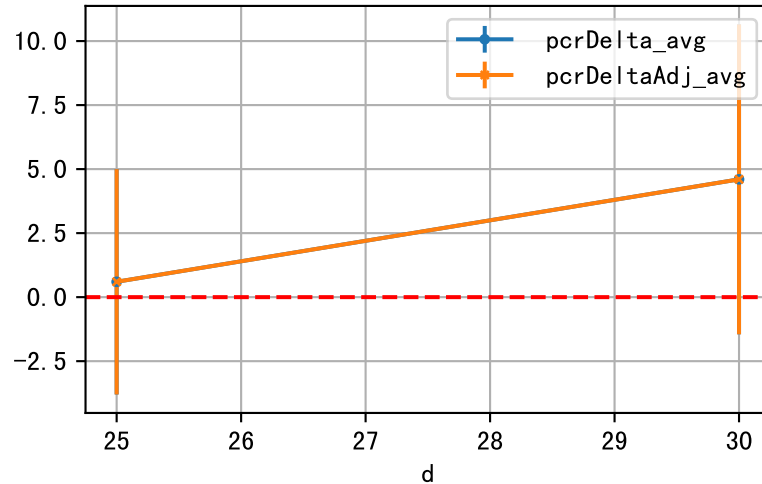


P3-6 LfA: D_Q50_LfA

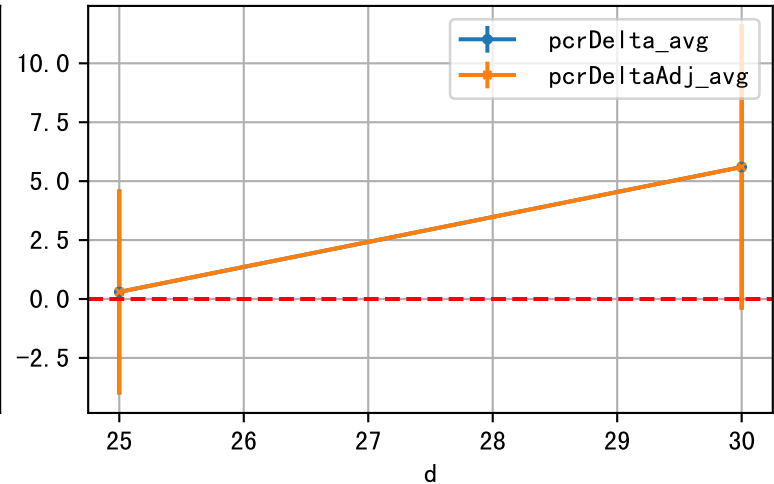
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

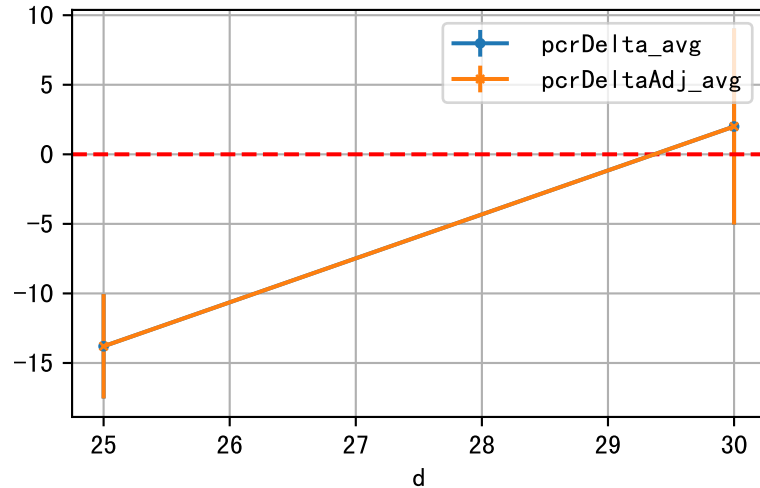


DeltaTypeAbbr=Wei AvgByD

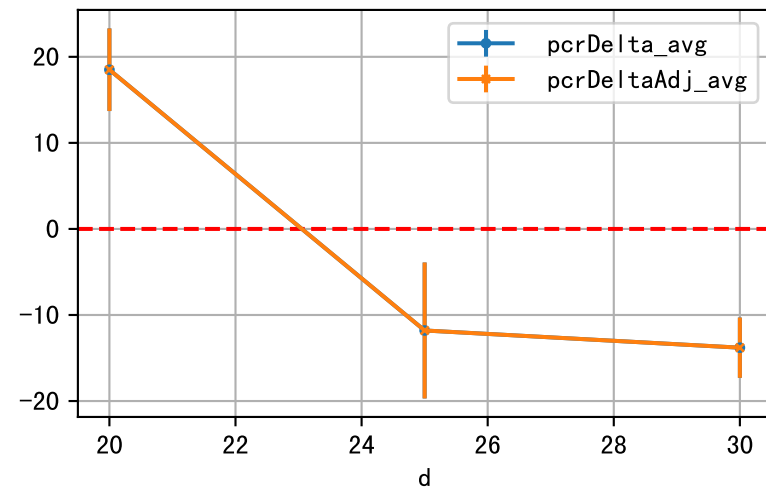


P3-6 LfA: D_Est_LfA

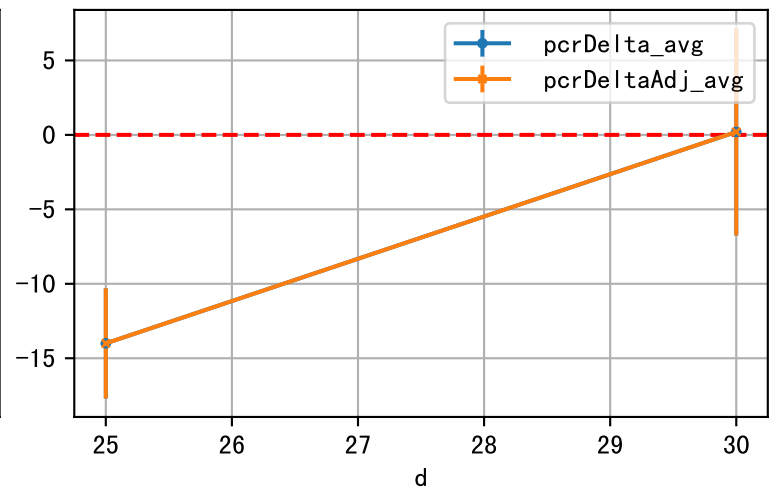
DeltaTypeAbbr=GrpByDay



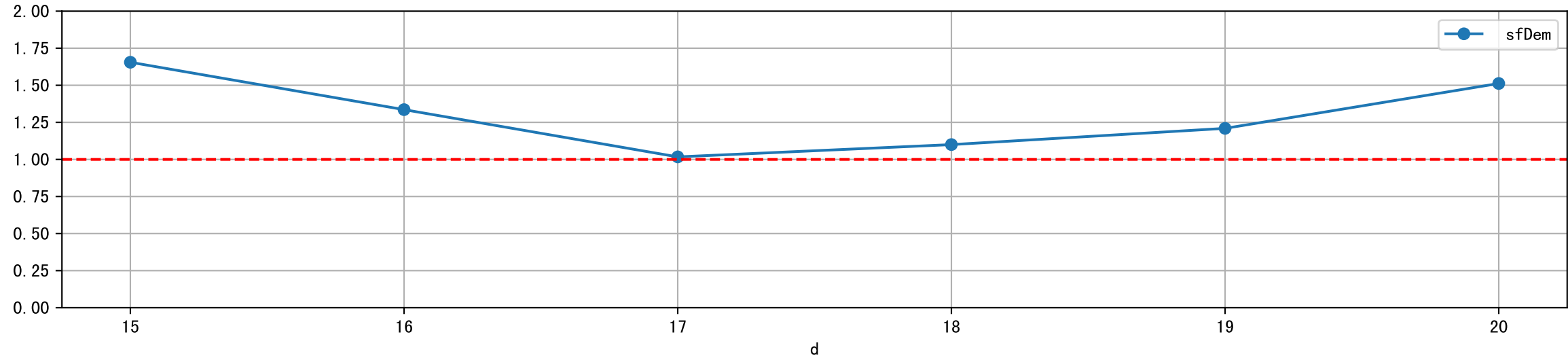
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=Wei AvgByD



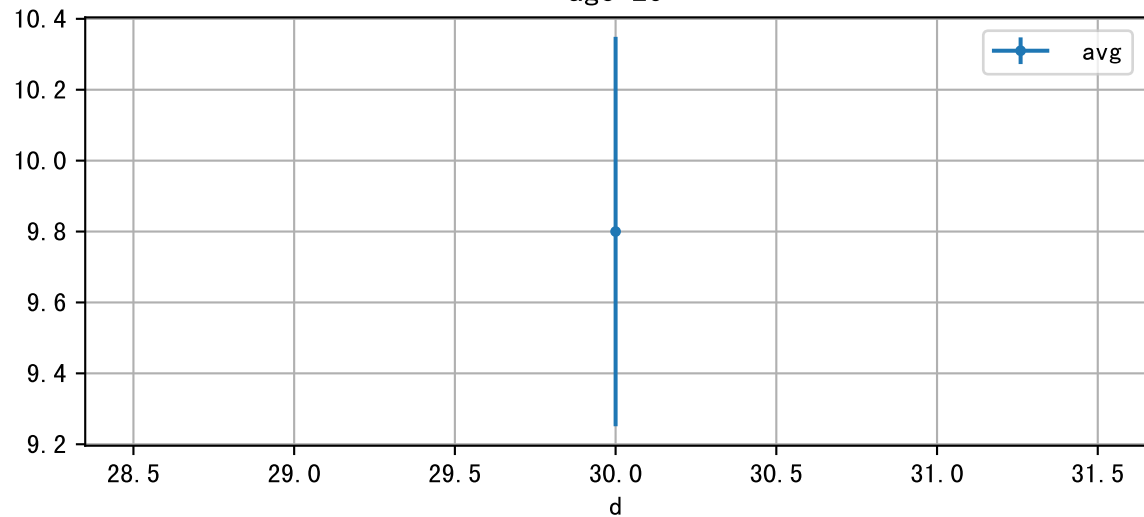
LfA: sfDem



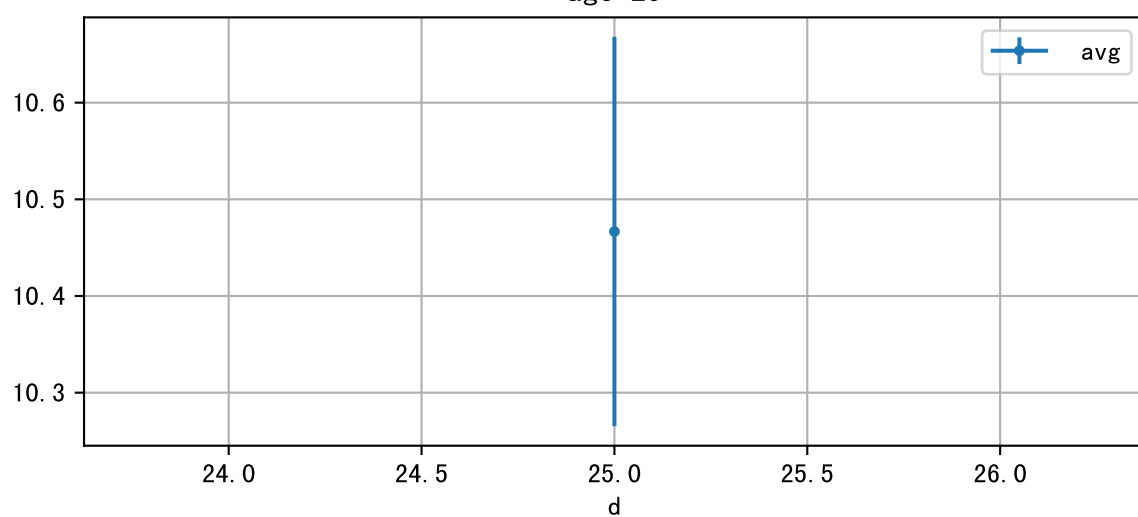


NdD: avg vs. d at each age group

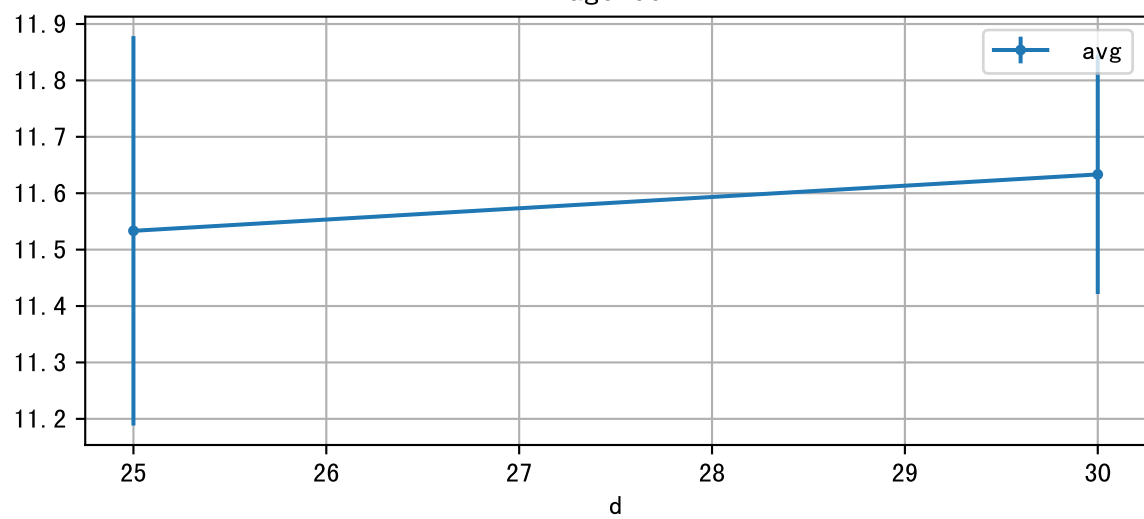
age=20



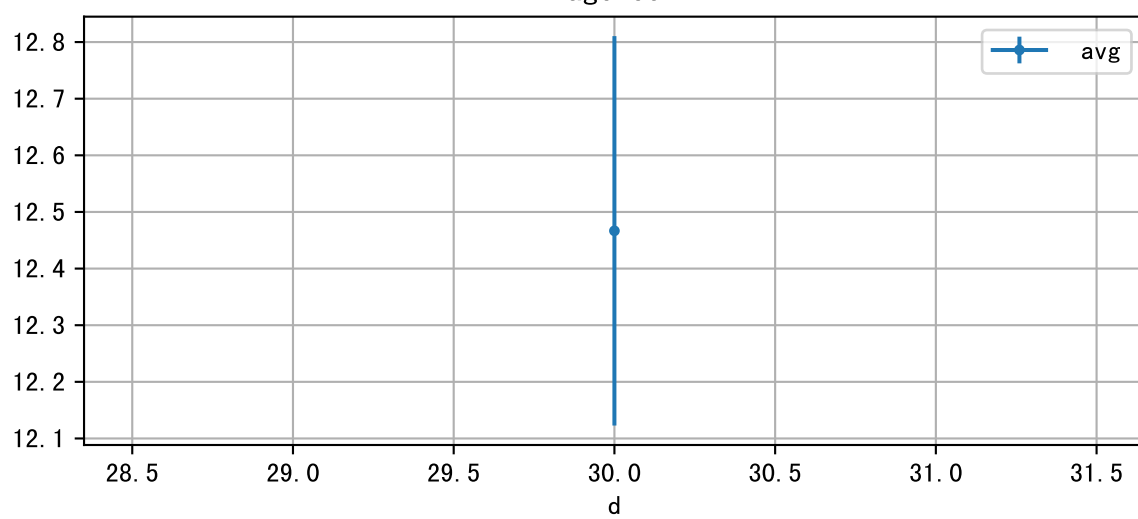
age=25



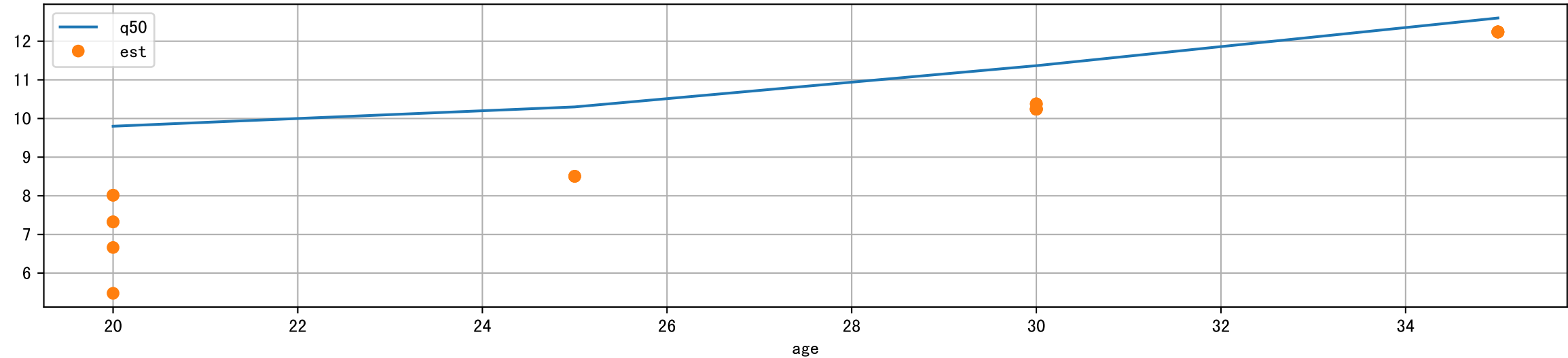
age=30



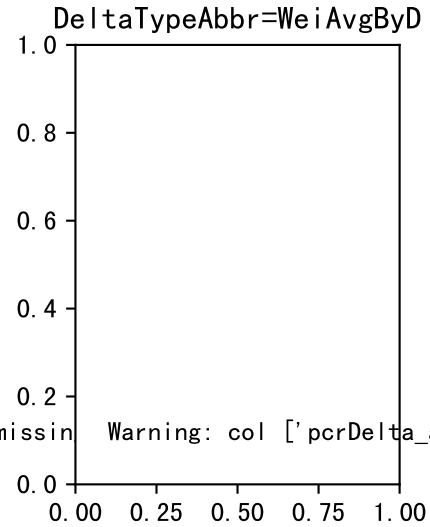
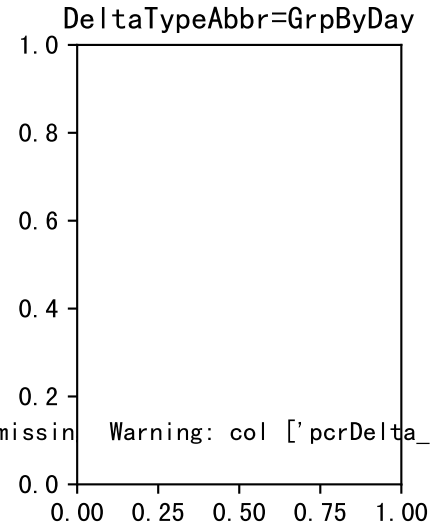
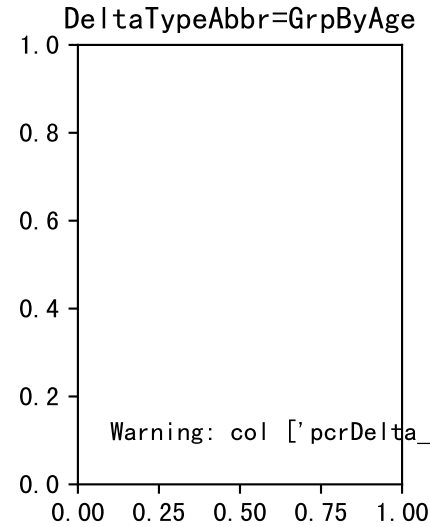
age=35



NdD: model est vs obs0v@Q50

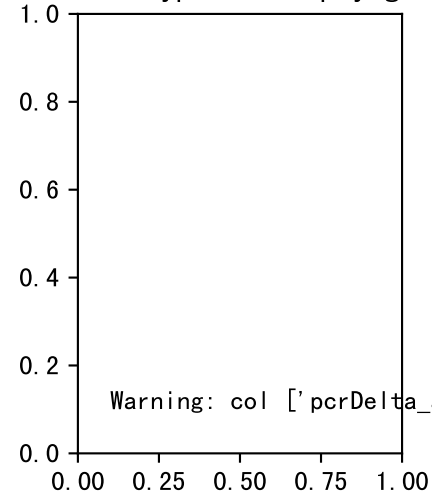


P3-6 NdD: D_5d_NdD

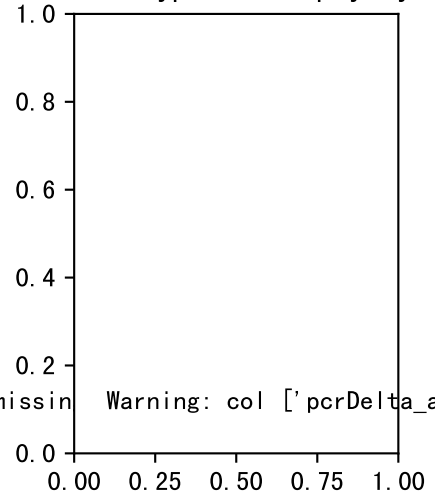


P3-6 NdD: D_15d_NdD

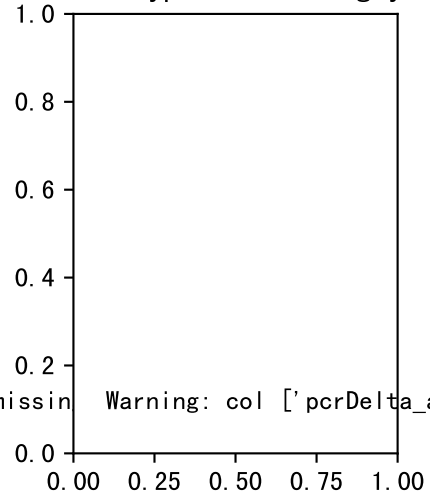
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

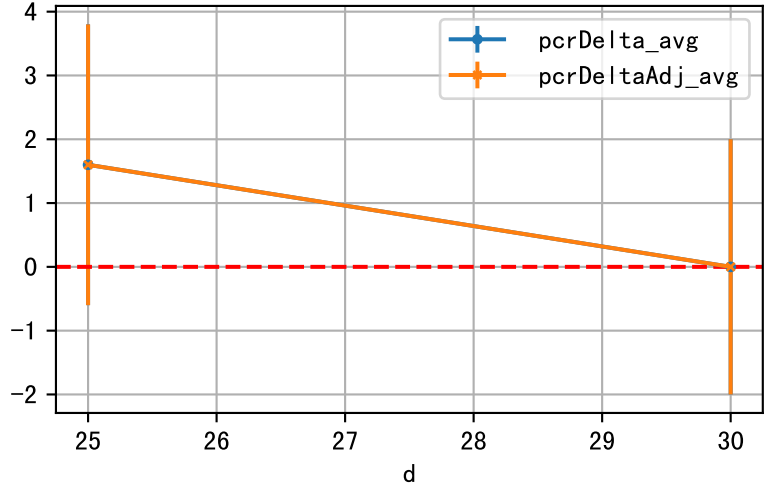
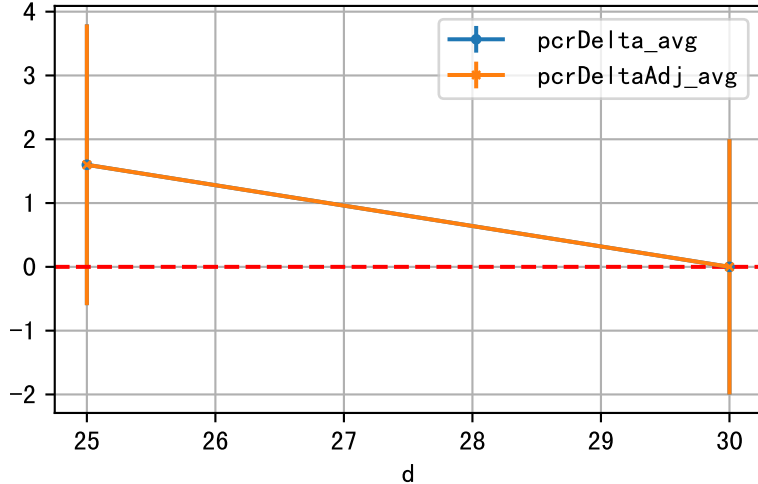
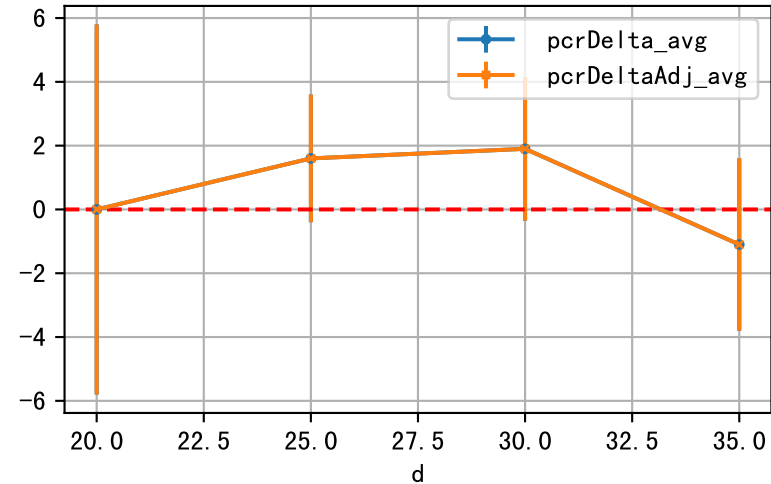


P3-6 NdD: D_Q50_NdD

DeltaTypeAbbr=GrpByAge

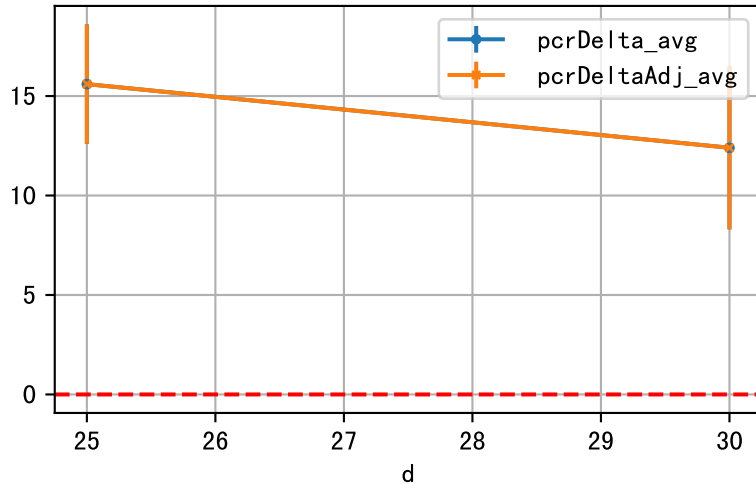
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

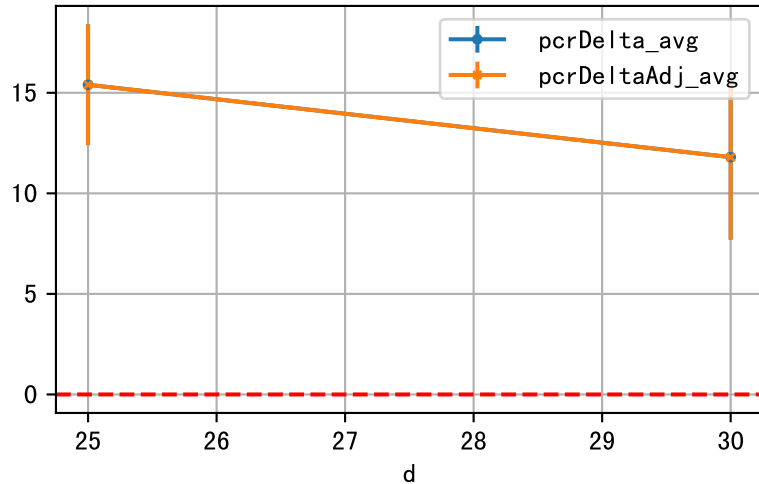


P3-6 NdD: D_Est_NdD

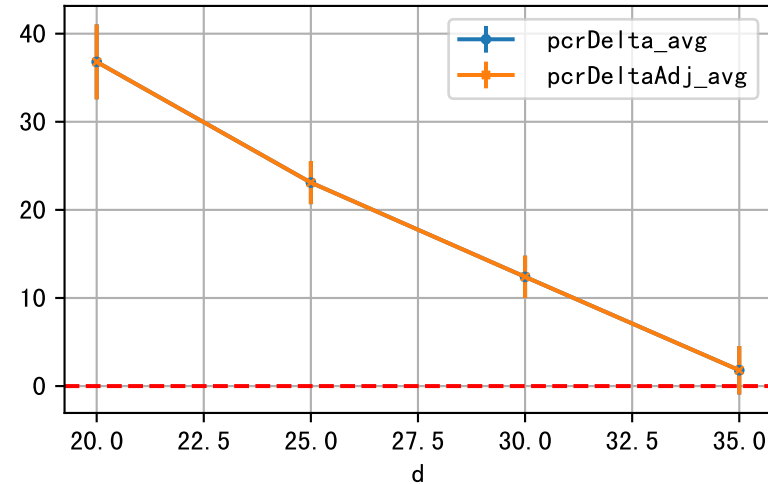
DeltaTypeAbbr=GrpByDay



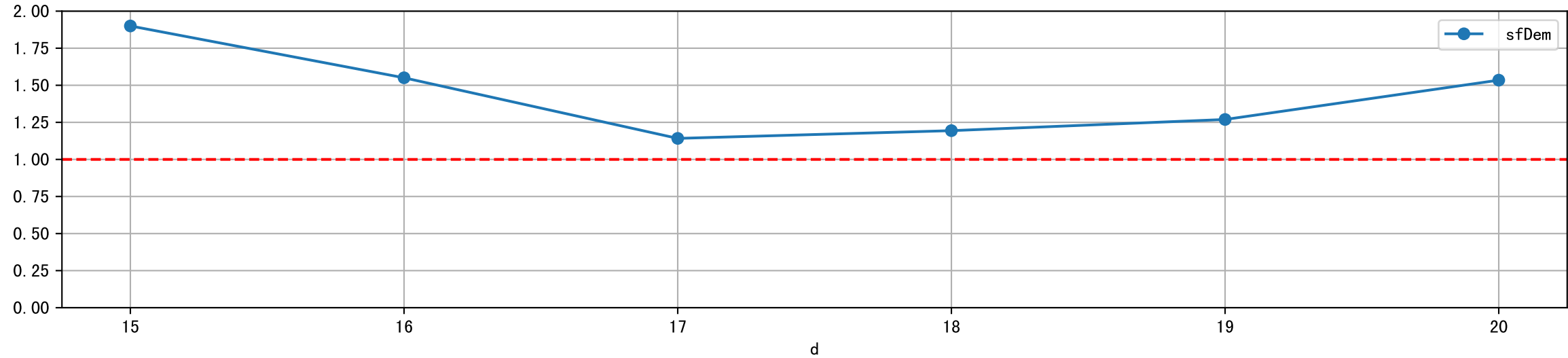
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

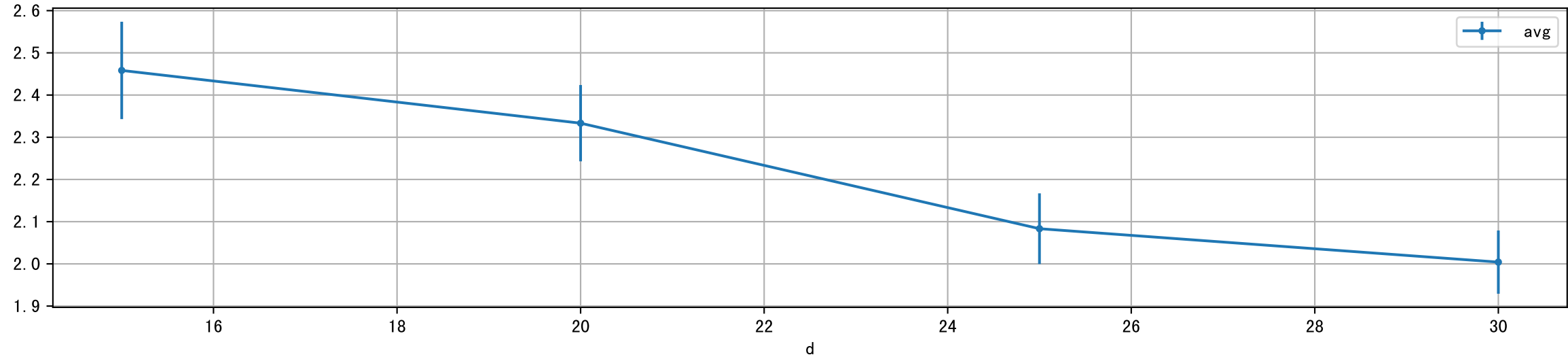


NdD: sfDem

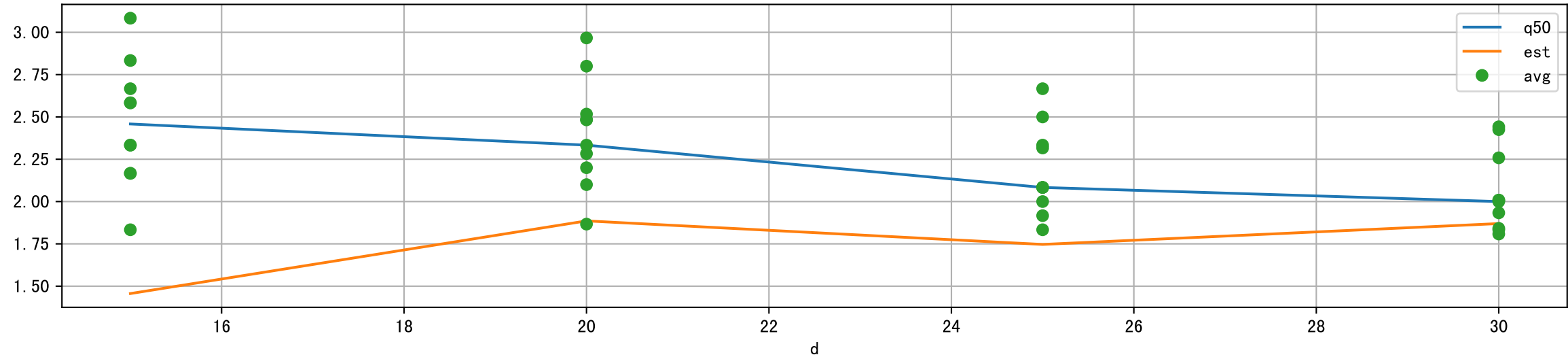




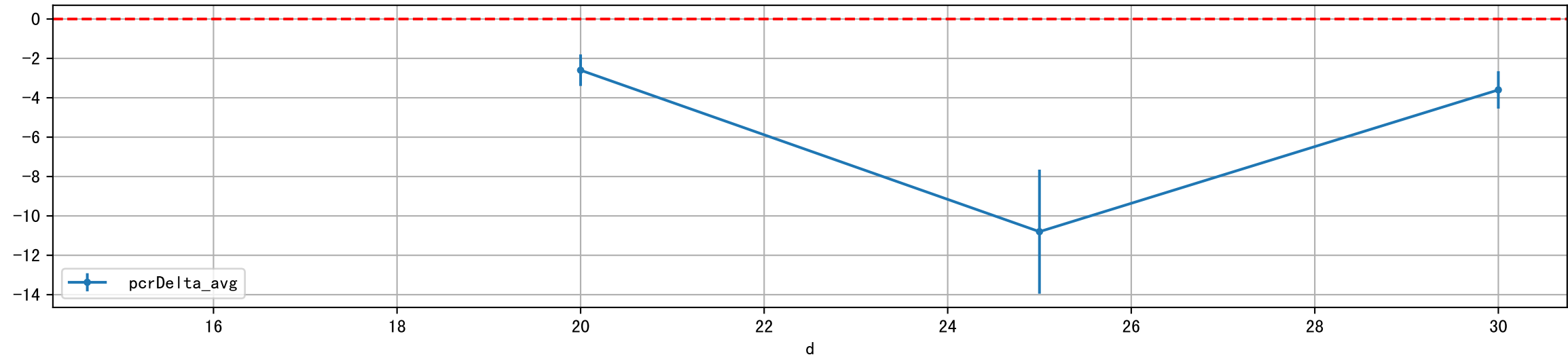
dStH: avg vs. d



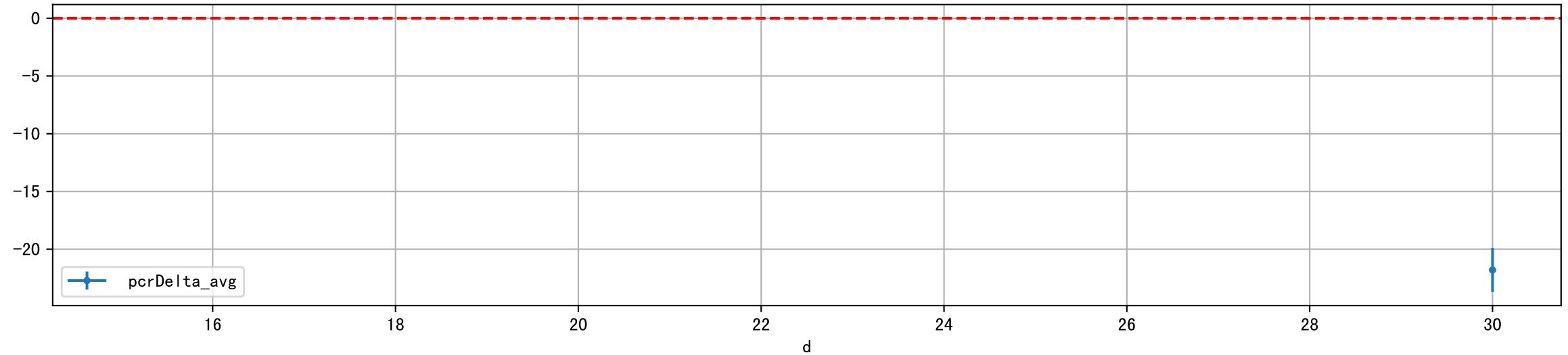
dStH: obsAvg vs obs0v@Q50



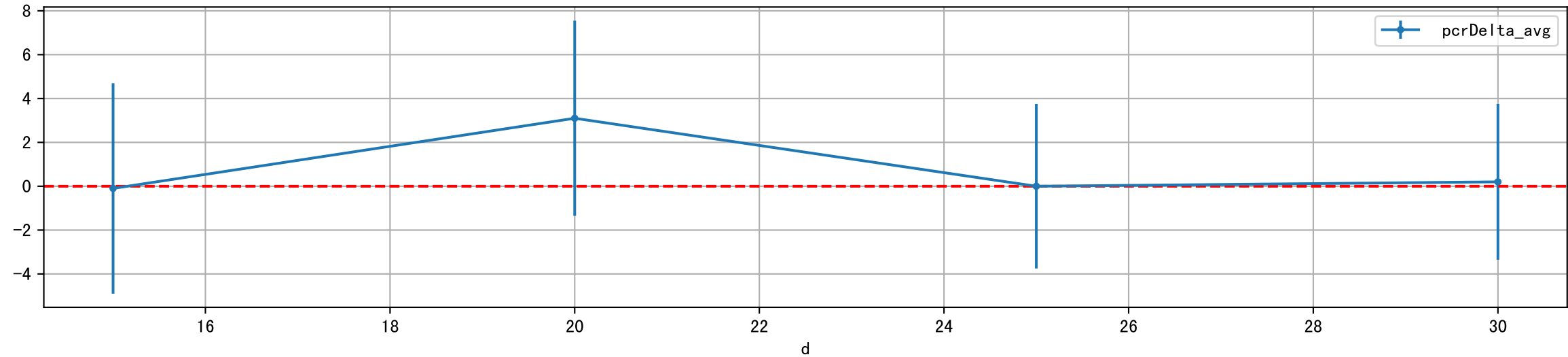
dStH: D_5d_StH



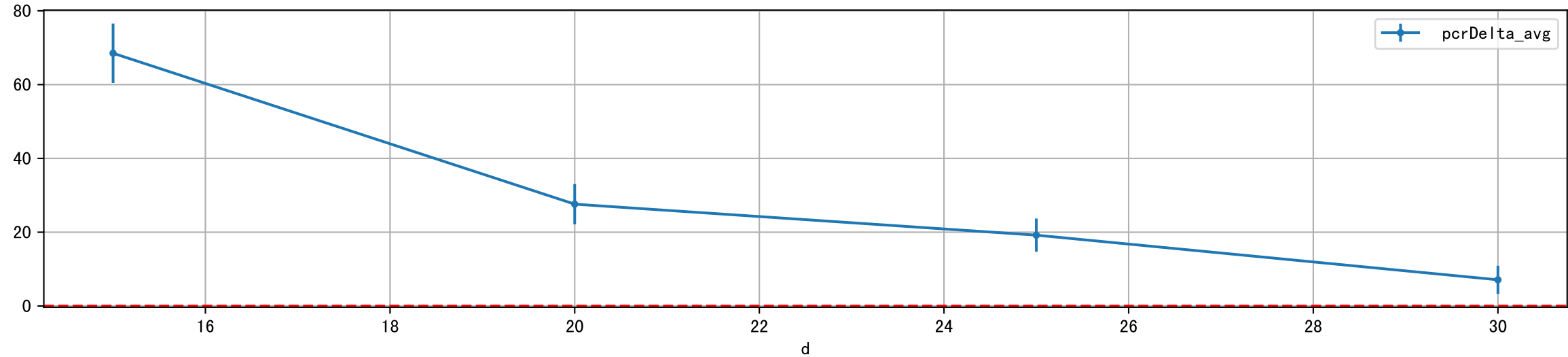
dStH: D_15d_StH



dStH: D_Q50_StH



dStH: D_Est_StH



dStH: sfDem

