

Phenotype Data Analysis Plots

PhenoData day range = 5 - 31

Analysis cutoff day = 31

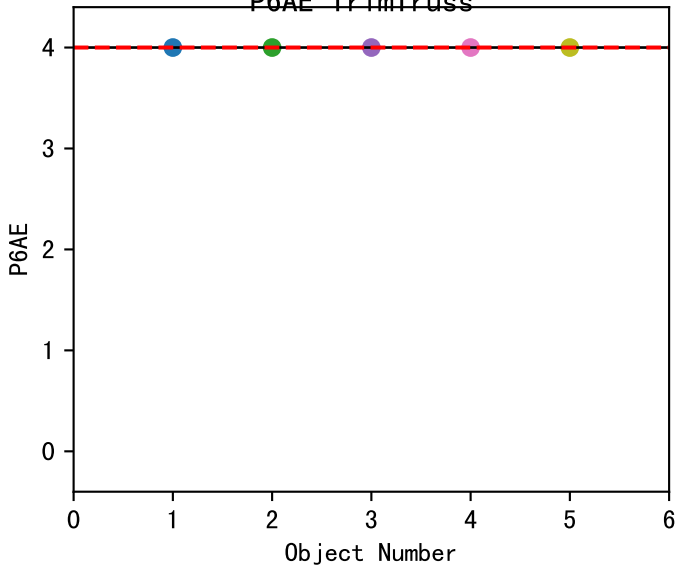
NC11 P6

2025-05-07 (Day 32)

TrussNodeMaxPerStem (Def=4.0 Set=4)

avg1=4.0~0% avg2=na

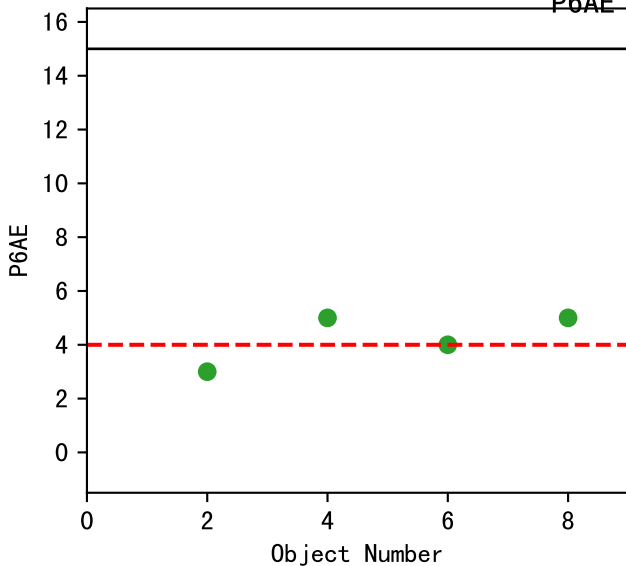
P6AE TrimTruss



FruitNumAvgPerTruss (Def=15 Set=4)

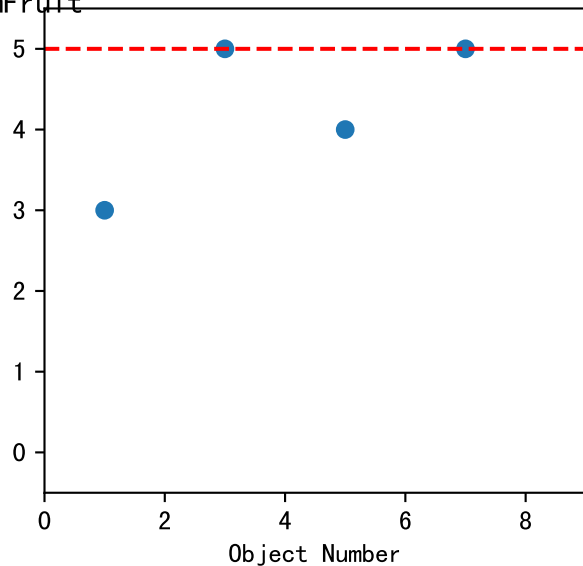
avg1=4.0~21% avg2=na

P6AE TrimFruit

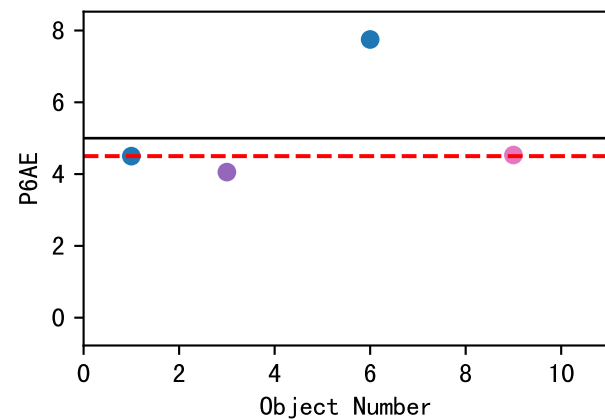


FruitNumMaxPerTruss (Def=na Set=5)

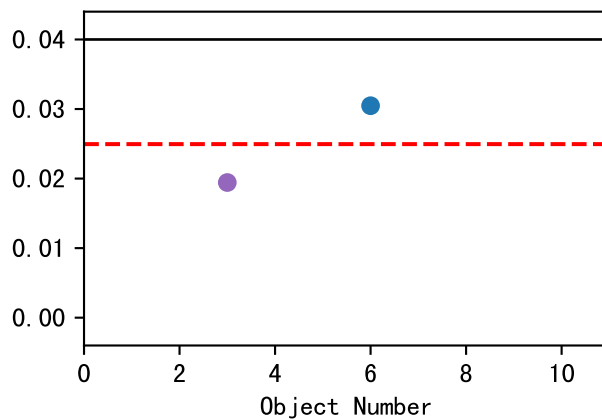
avg1=5.0~19% avg2=na



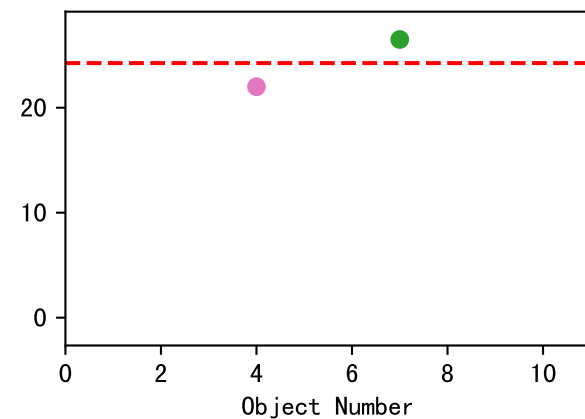
NdL_Q90AbsY (Def=5 Set=4. 5)
avg1=4. 5~6% avg2=na



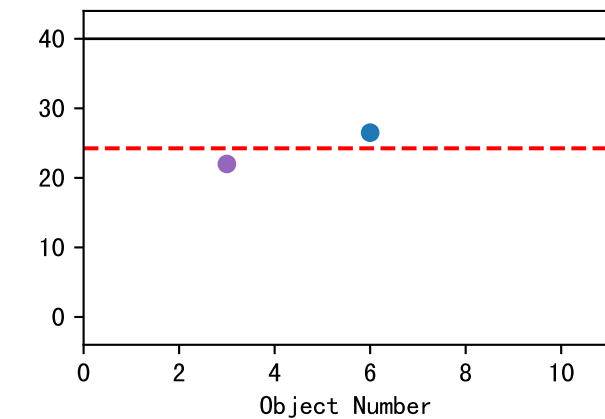
LfA_Q90AbsY (Def=0. 04 Set=0. 04)
avg1=0. 02~0. 15% avg2=na



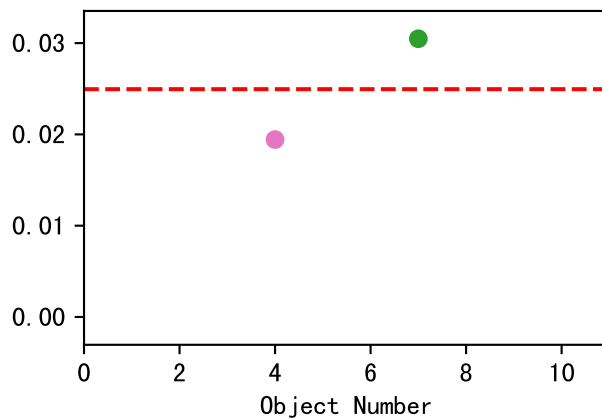
LfL_avgAbsY (Def=na Set=na)
avg1=24. 25~13% avg2=na



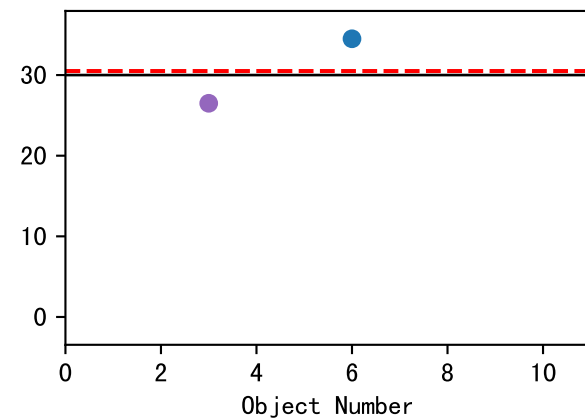
LfL_Q90AbsY (Def=40 Set=40)
avg1=24. 25~13% avg2=na



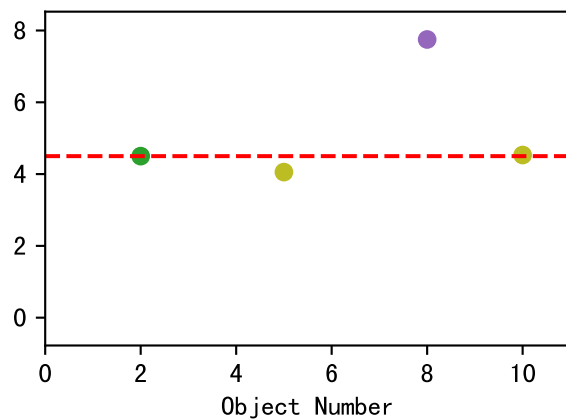
LfA_avgAbsY (Def=na Set=na)
avg1=0. 02~31% avg2=na



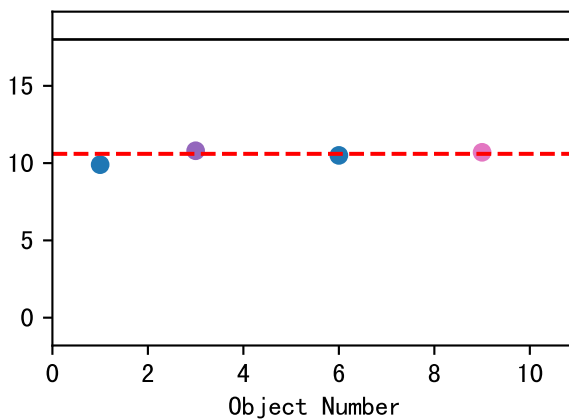
LfW_Q90AbsY (Def=30 Set=30)
avg1=30. 5~19% avg2=na



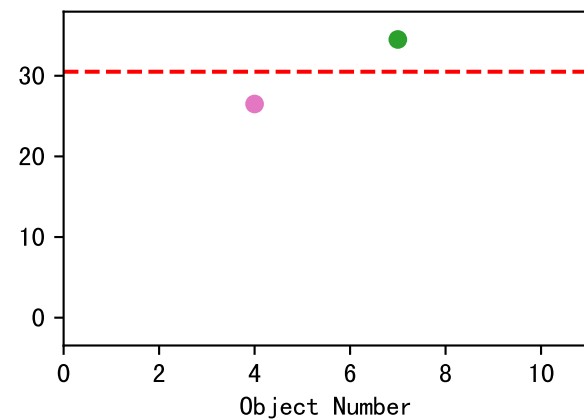
NdL_avgAbsY (Def=na Set=4.5)
avg1=4.5~6% avg2=na



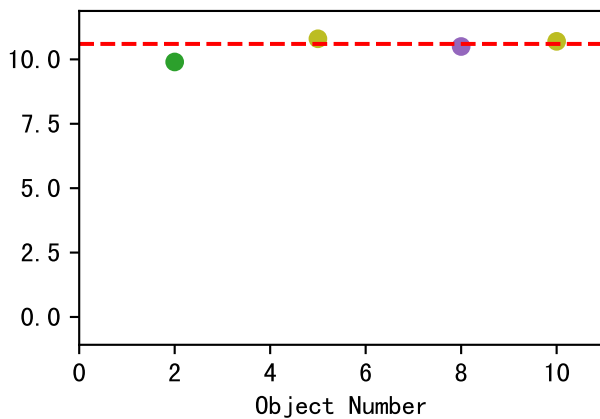
NdD_Q90AbsY (Def=18 Set=10.6)
avg1=10.6~4% avg2=na



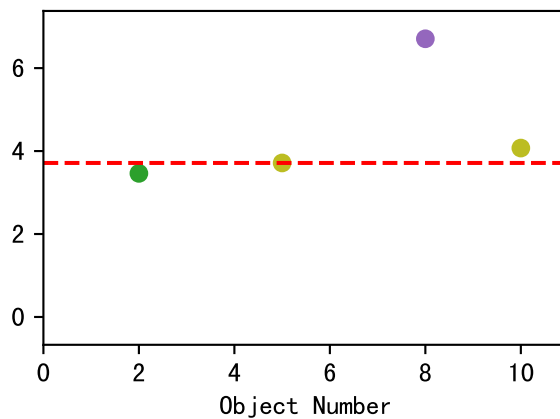
LfW_avgAbsY (Def=na Set=na)
avg1=30.5~19% avg2=na



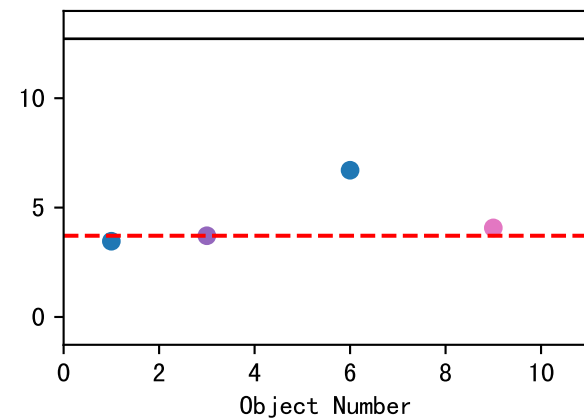
NdD_avgAbsY (Def=na Set=10.6)
avg1=10.6~4% avg2=na



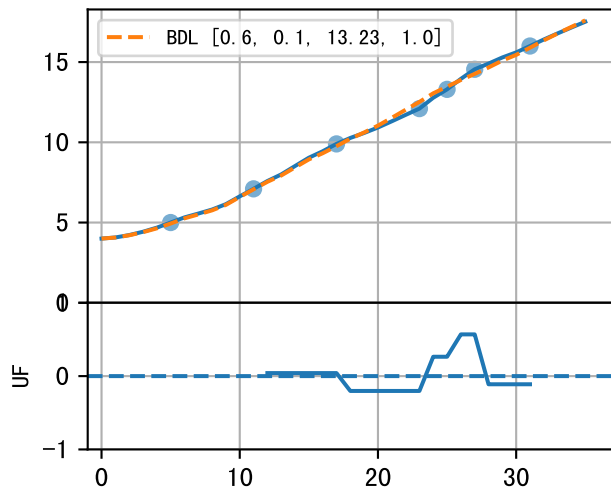
NdV_avgAbsY (Def=na Set=na)
avg1=3.71~8% avg2=na



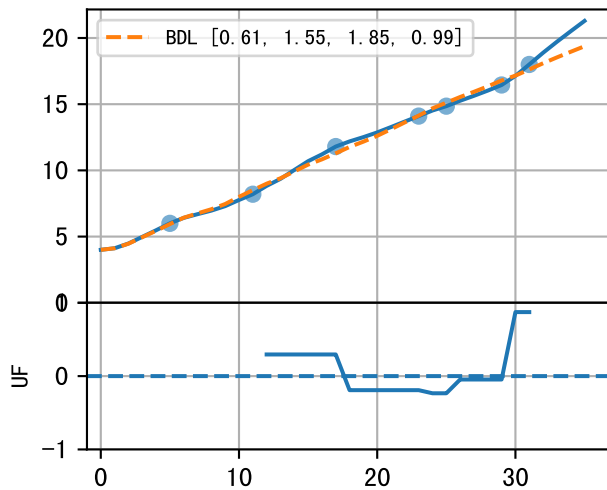
NdV_Q90AbsY (Def=12.72 Set=12.72)
avg1=3.71~8% avg2=na



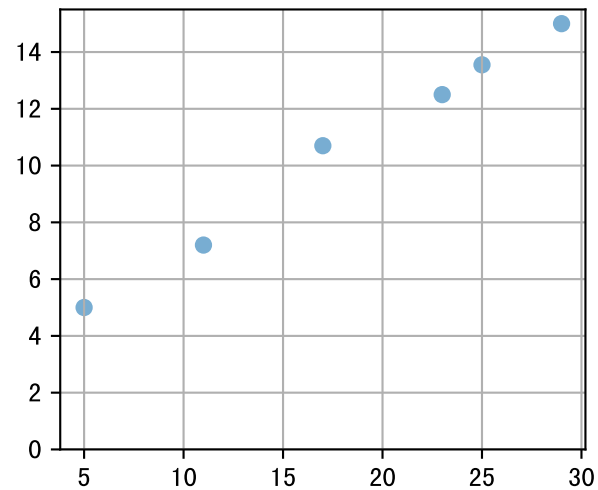
P6AE-007-10 (fit failed)



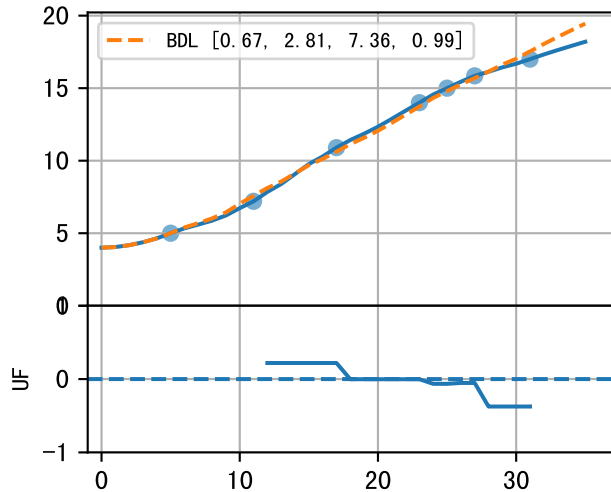
P6AE-014-17 (fit failed)



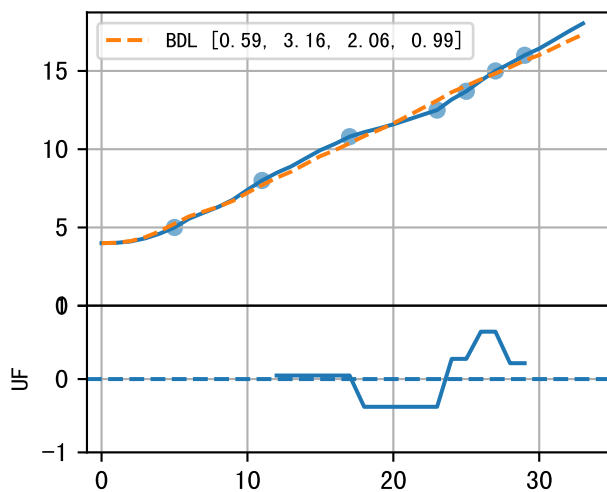
P6AE-026-25 (fit failed)



P6AE-033-4 (fit failed)



P6AE-045-12 (fit failed)



P6AEavg (fit failed)

NdN

BDL [0.62, 0.15, 10.03, 1.0]

UF

15

10

5

0

0

-1

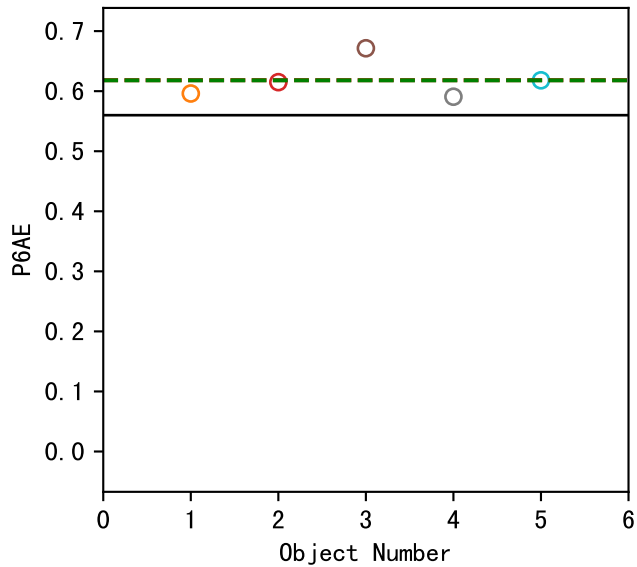
0

10

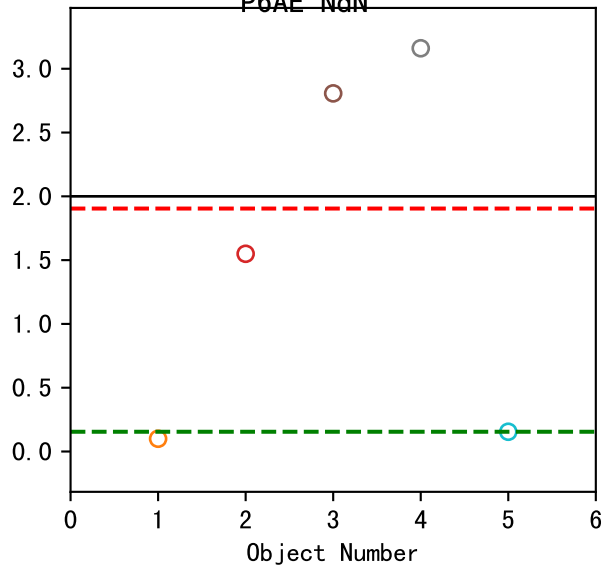
20

30

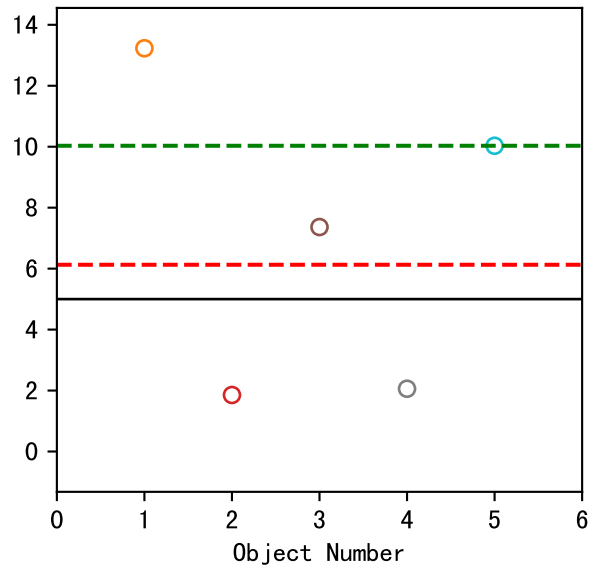
a (Def=0.56 Set=0.62)
avg1=0.62(fail) avg2=0.62



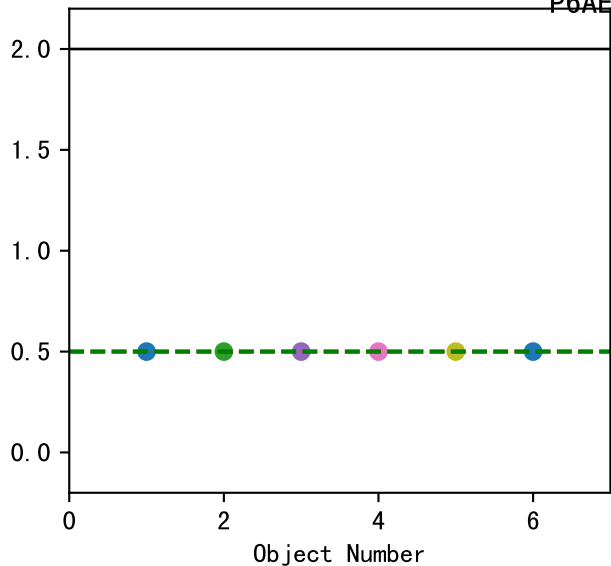
dm (Def=2 Set=0.15)
avg1=1.9(fail) avg2=0.15



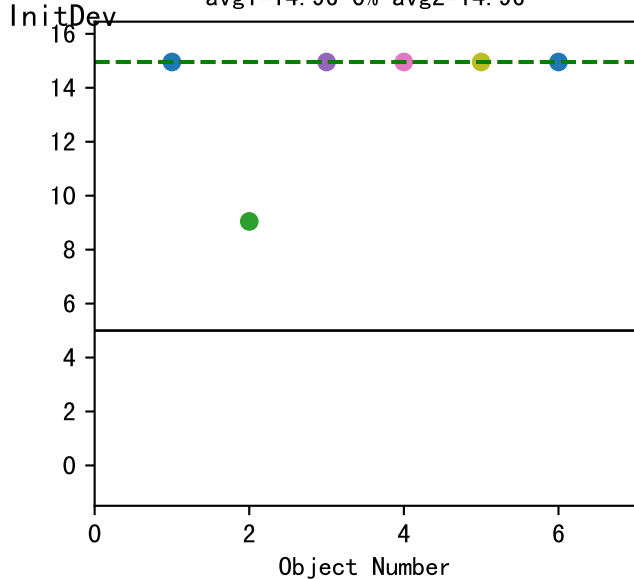
de (Def=5 Set=10.03)
avg1=6.13(fail) avg2=10.03



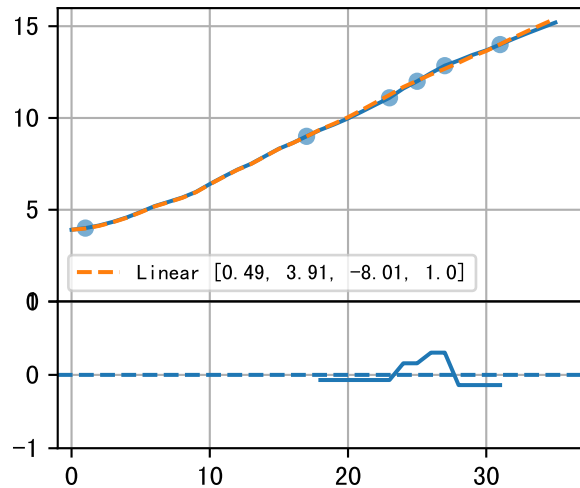
InitDev_dm (Def=2 Set=0.5)
avg1=0.5~0% avg2=0.5



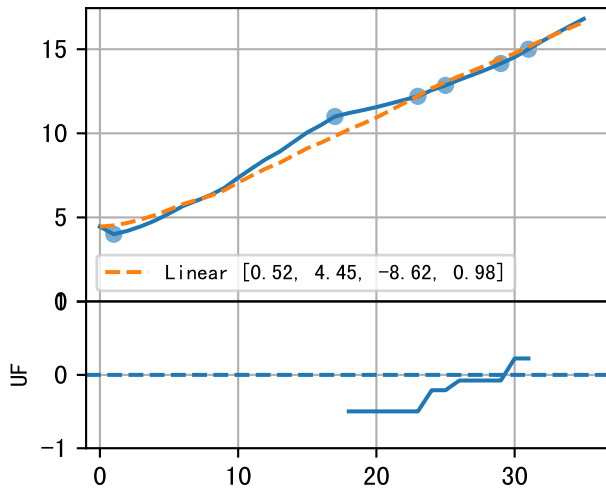
InitDev_de (Def=5 Set=14.96)
avg1=14.96~0% avg2=14.96



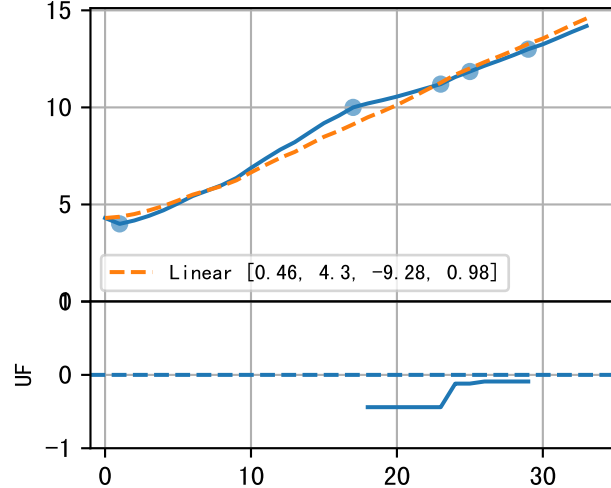
P6AE-007-10



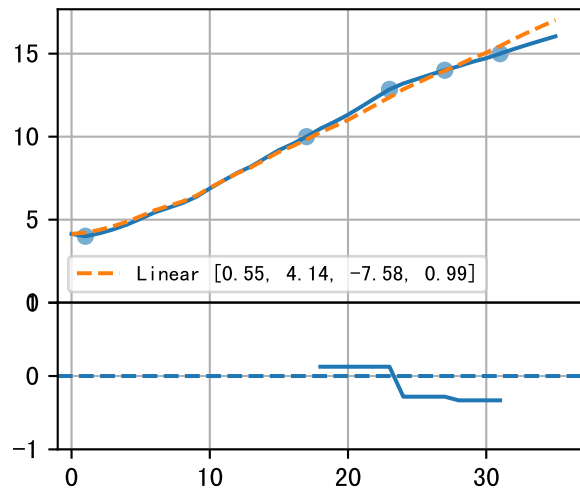
P6AE-014-17



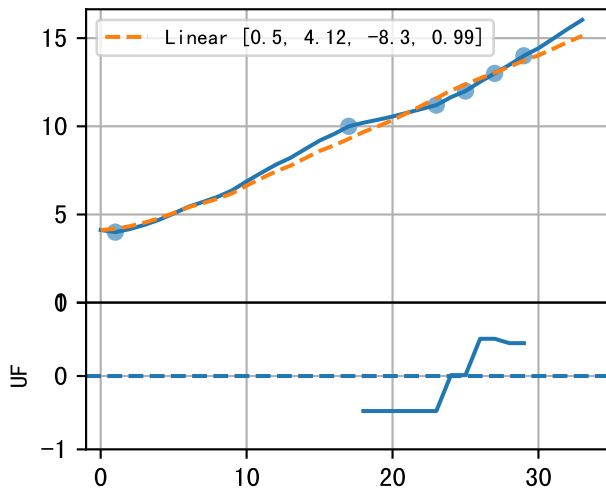
P6AE-026-25



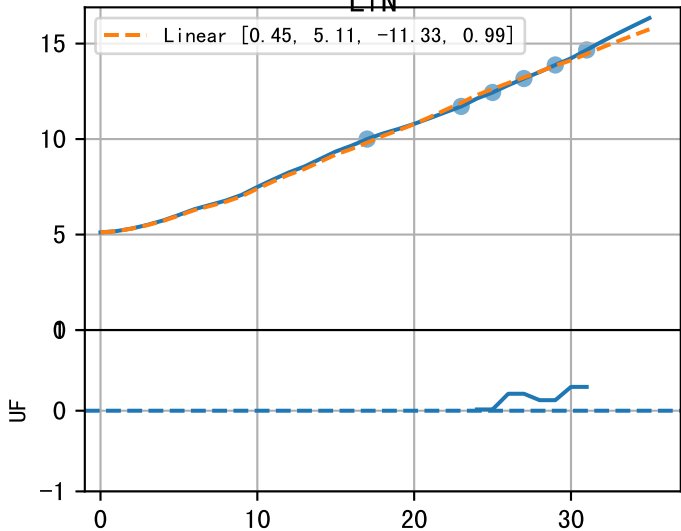
P6AE-033-4



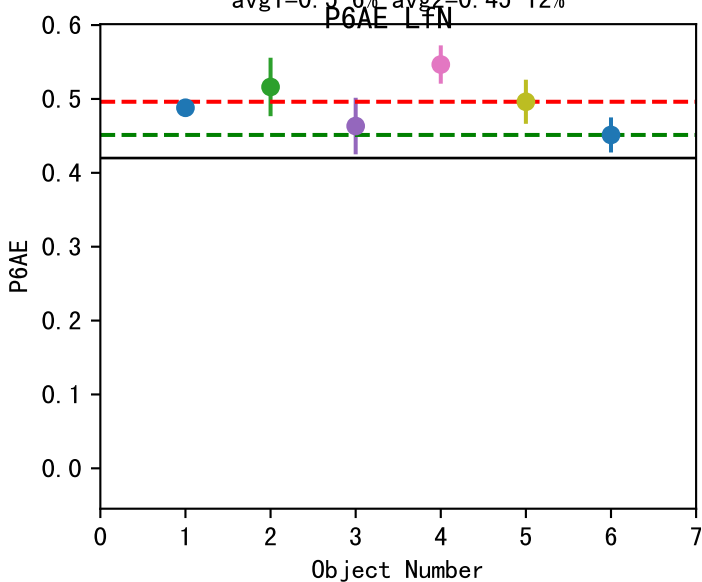
P6AE-045-12



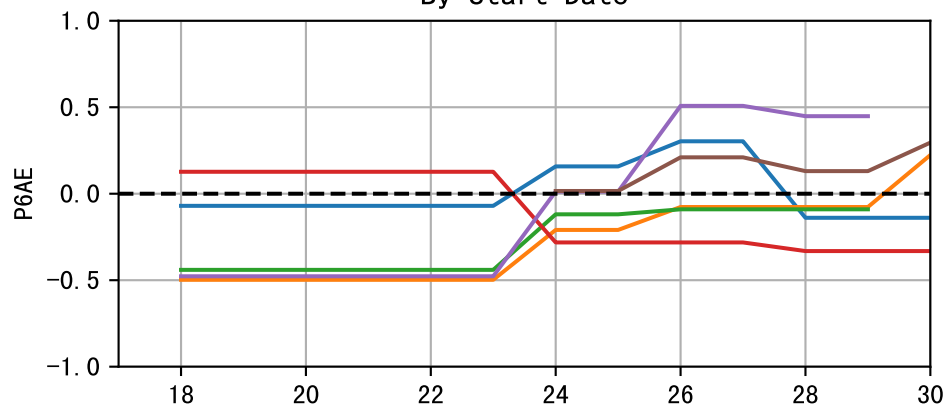
P6AEavg
LfN



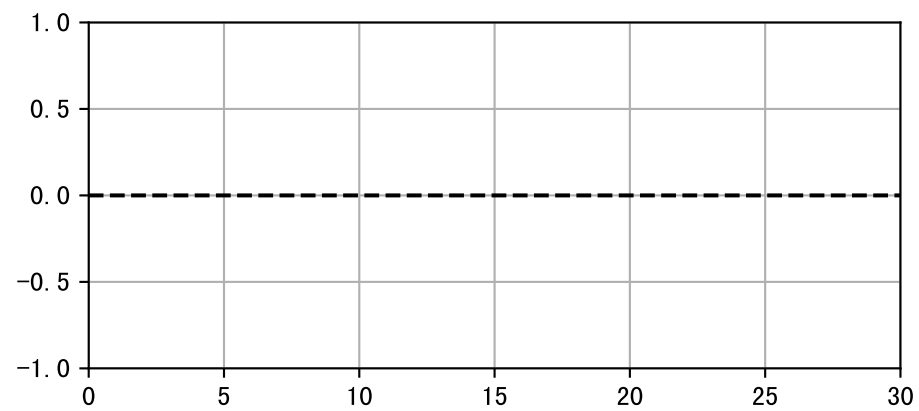
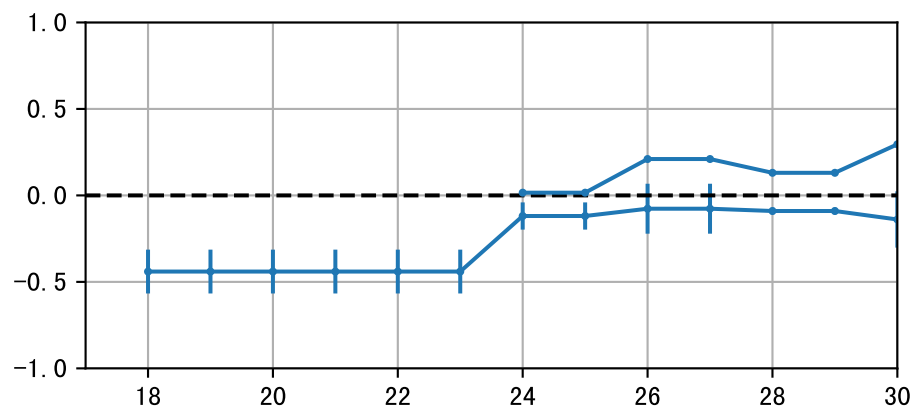
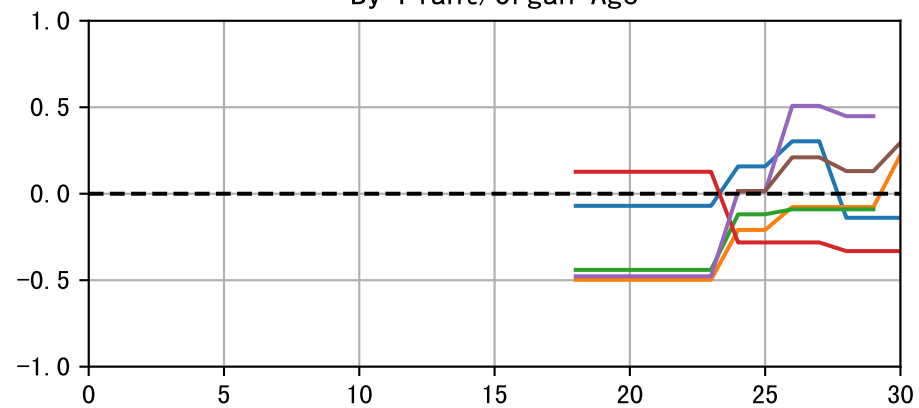
a (Def=0.42 Set=0.45)
avg1=0.5~6% avg2=0.45~12%



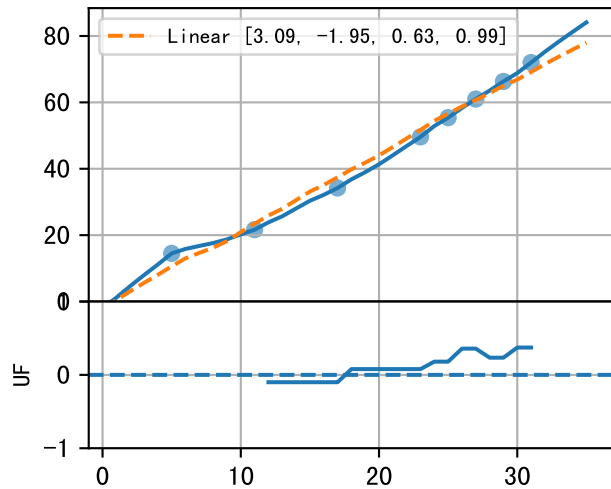
By Start Date



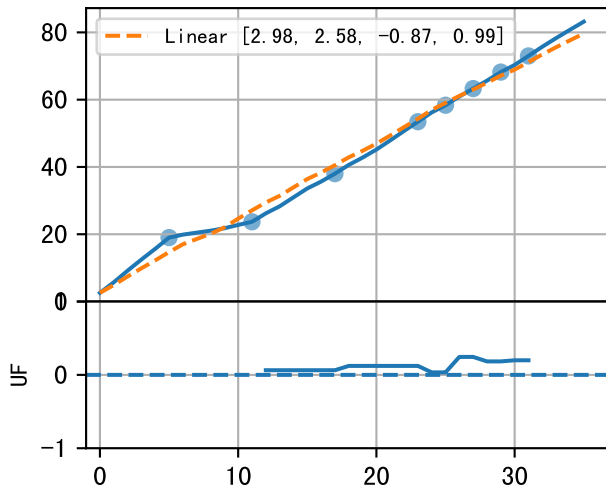
By Plant/Organ Age



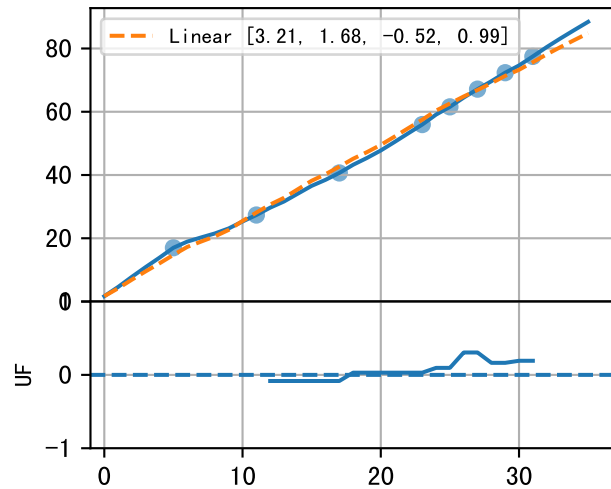
P6AE-007-10



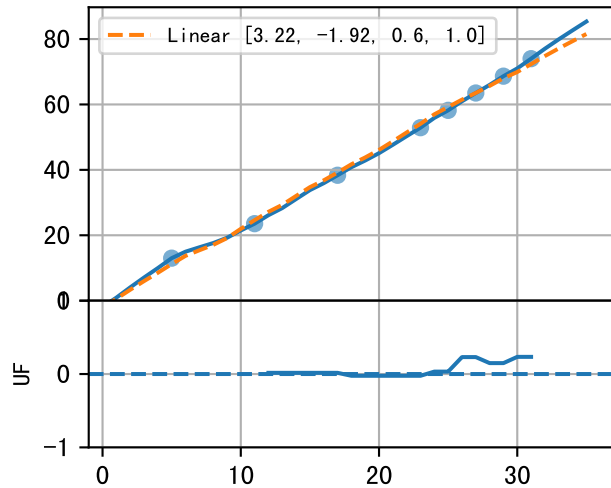
P6AE-014-17



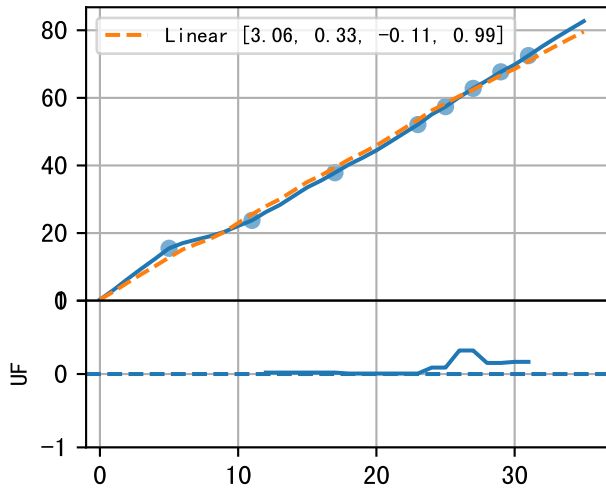
P6AE-026-25

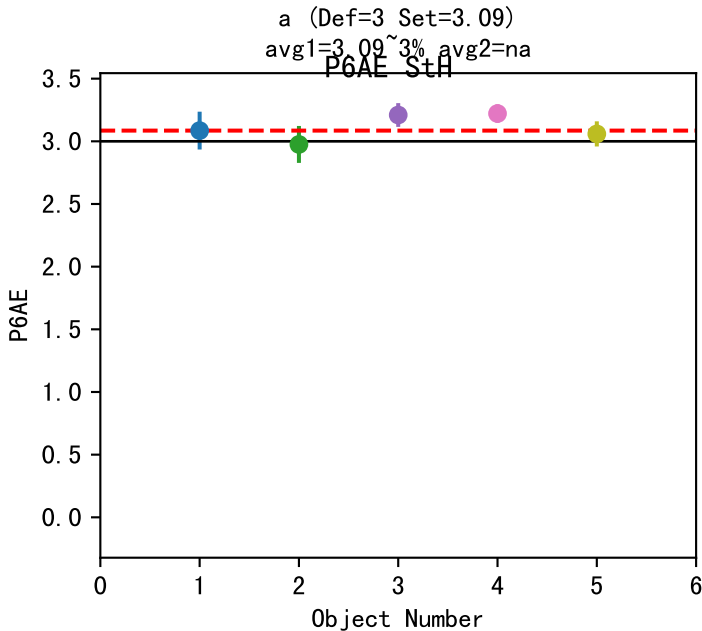


P6AE-033-4



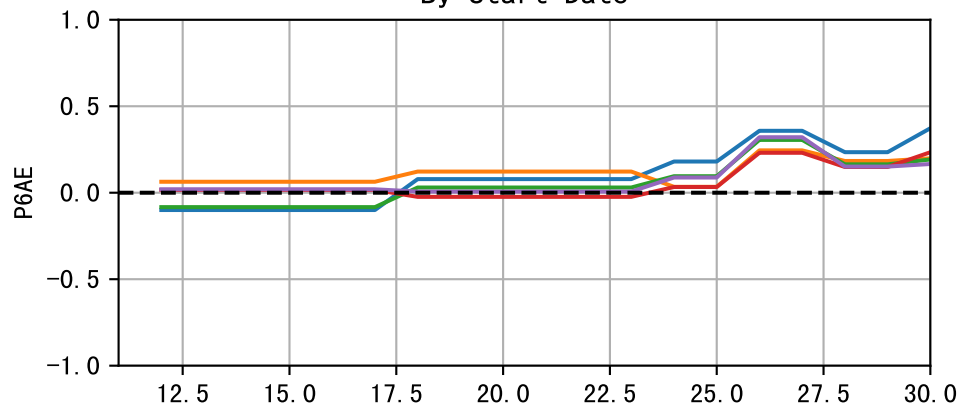
P6AE-045-12



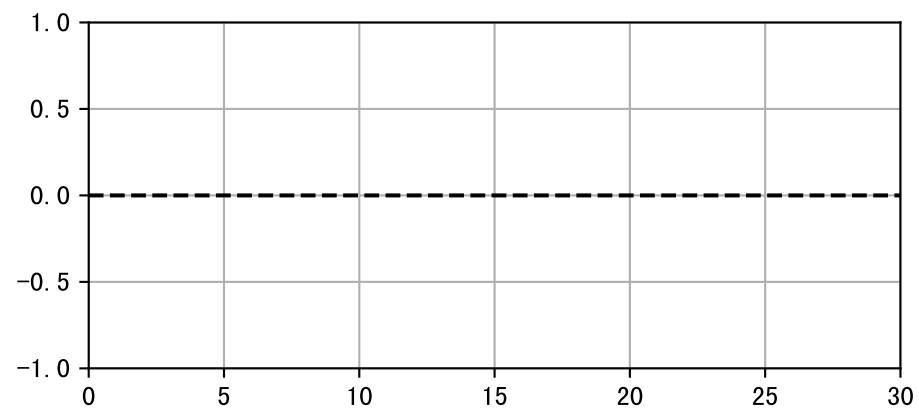
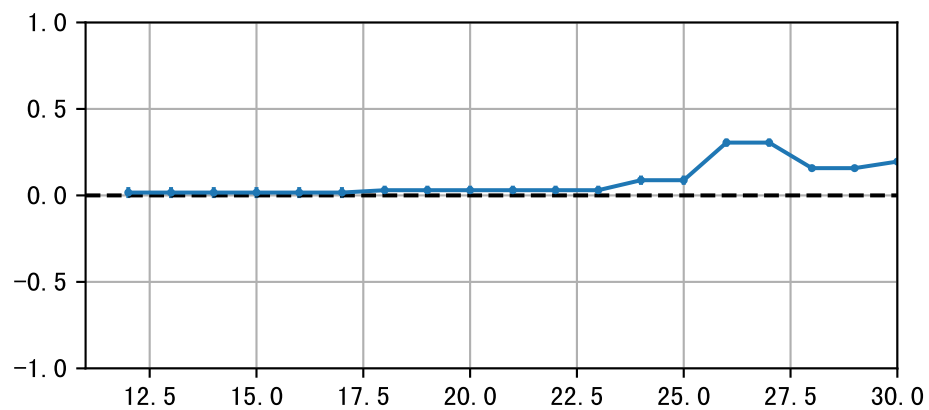
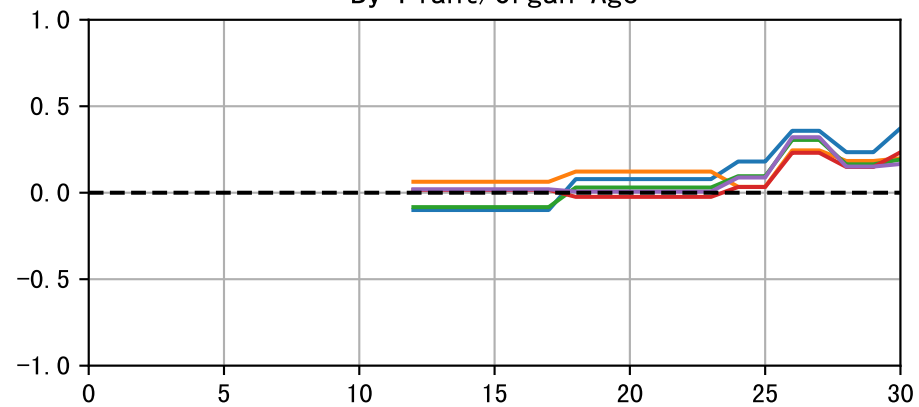


StH

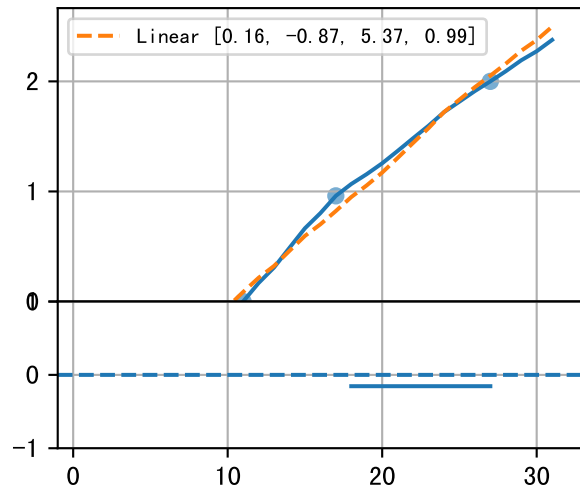
By Start Date



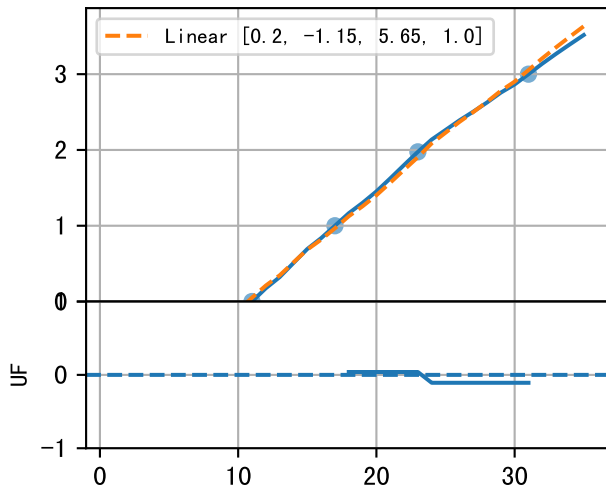
By Plant/Organ Age



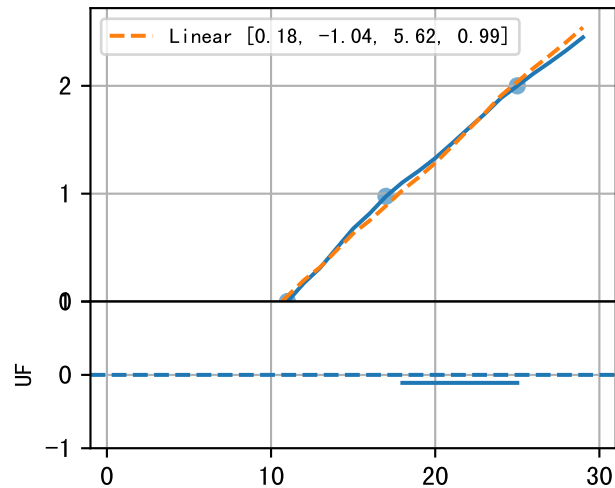
P6AE-007-10



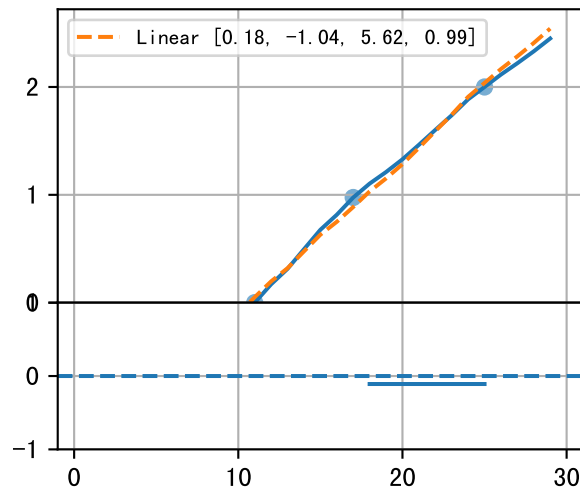
P6AE-014-17



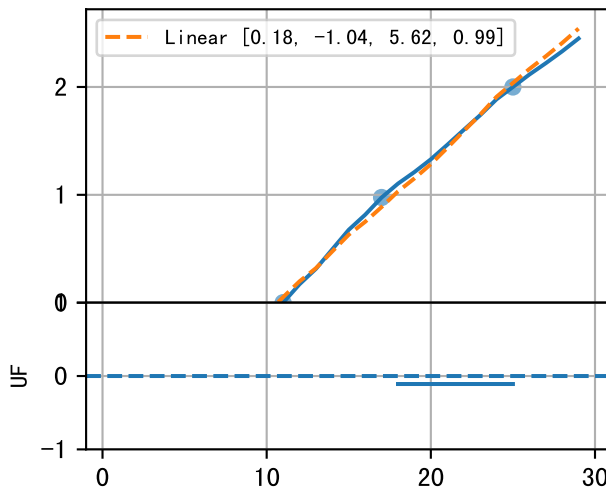
P6AE-026-25



P6AE-033-4



P6AE-045-12



P6AEavg
TsN

Linear [0.19, -1.05, 5.54, 0.98]

UF

3

2

1

0

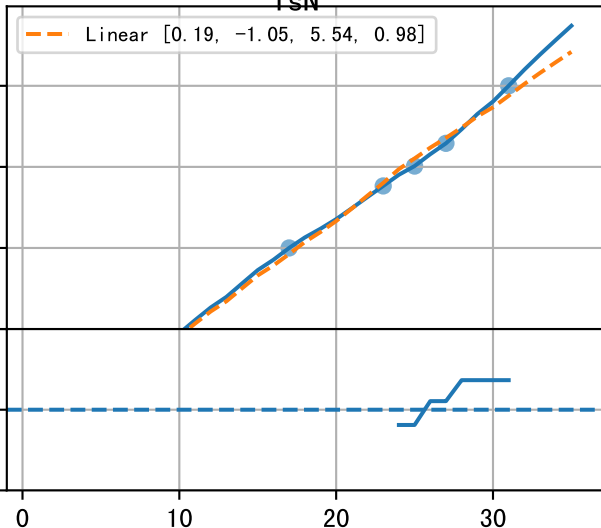
-1

0

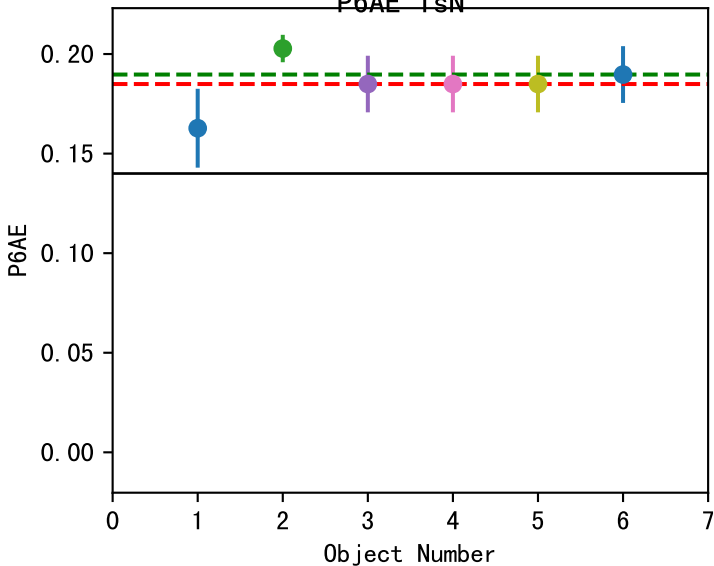
10

20

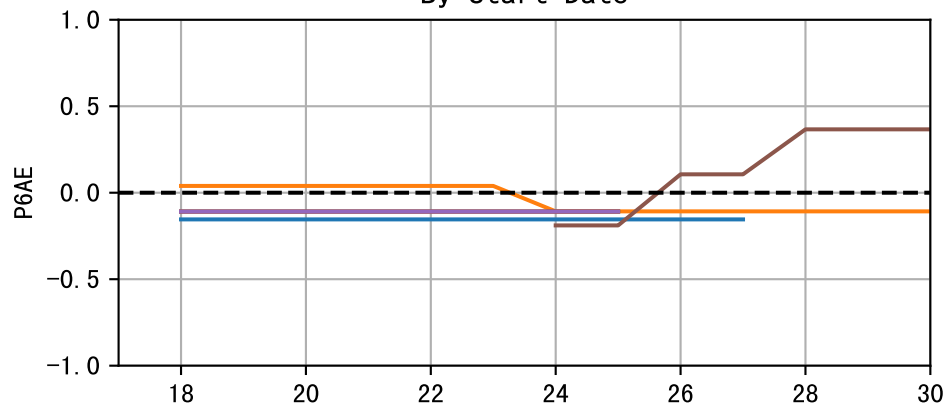
30



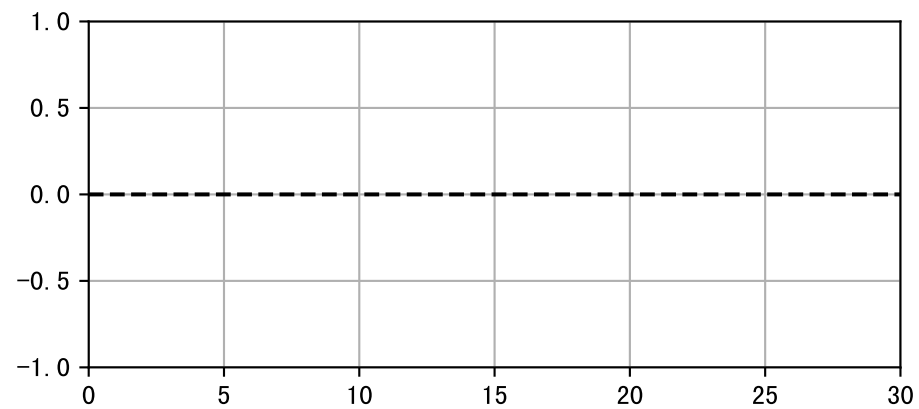
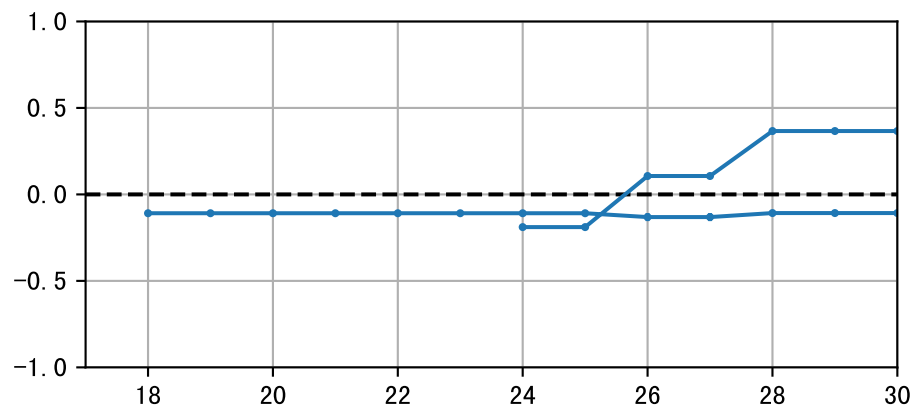
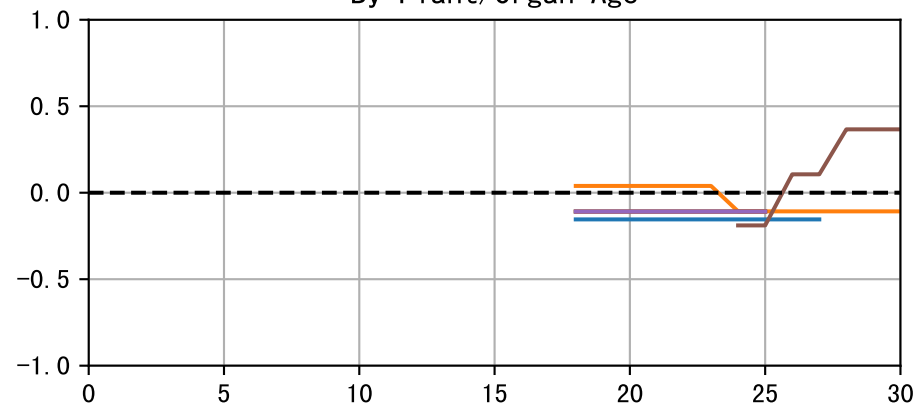
a (Def=0.14 Set=0.19)
avg1=0.18~0% avg2=0.19~15%
P6AE TSN



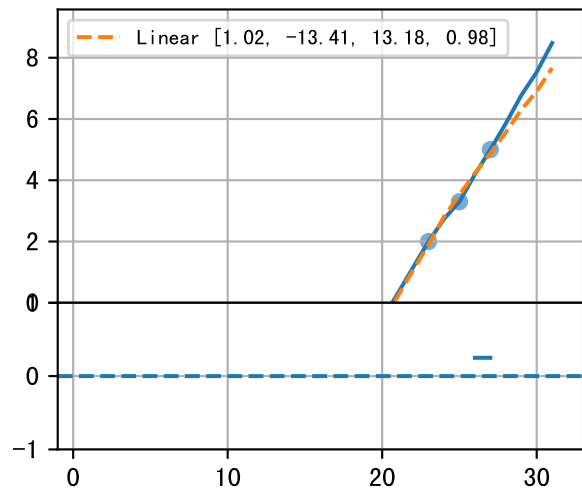
By Start Date



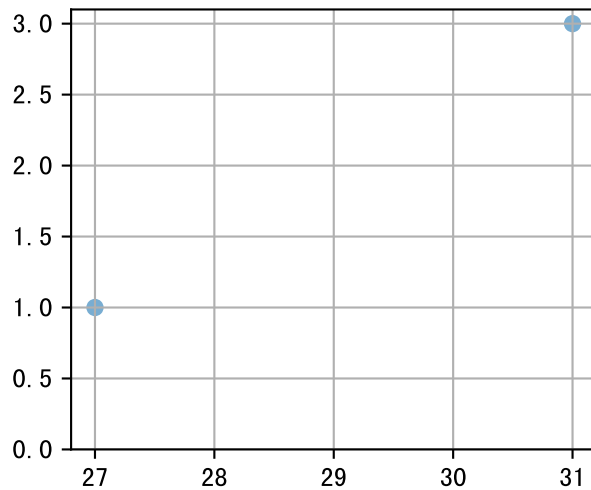
By Plant/Organ Age



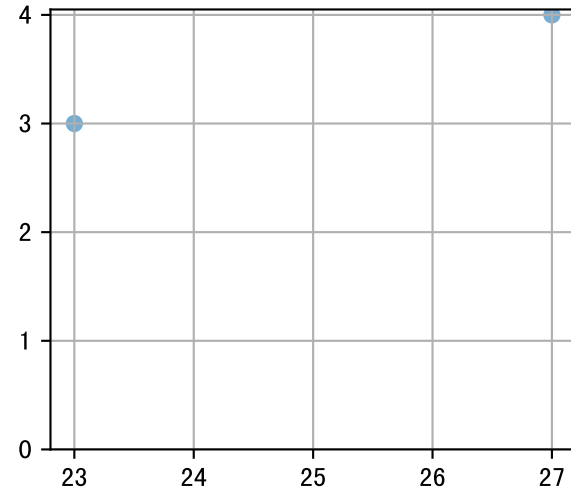
P6AE-014-17T1



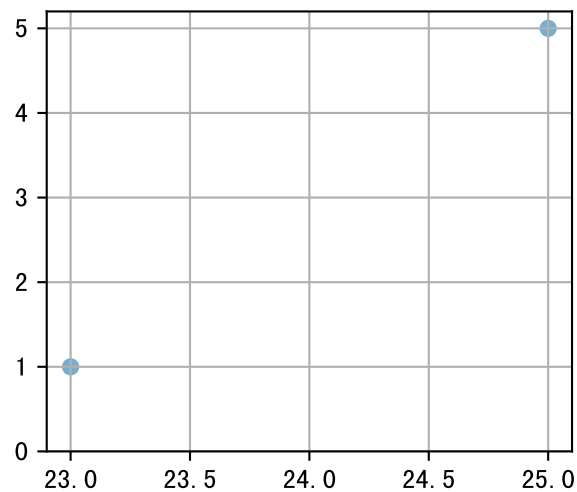
P6AE-014-17T1 (fit failed)



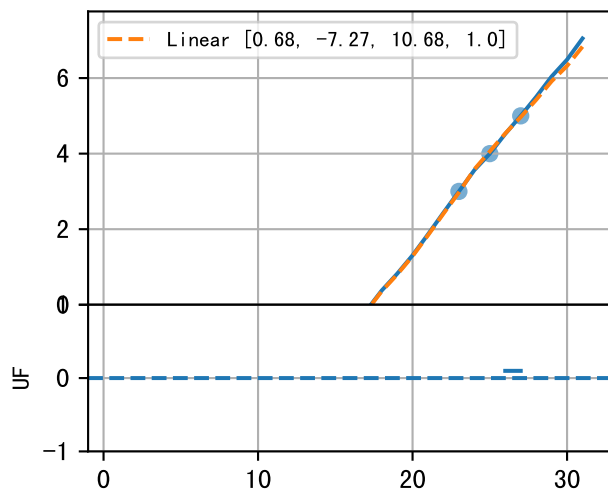
P6AE-026-25T1 (fit failed)



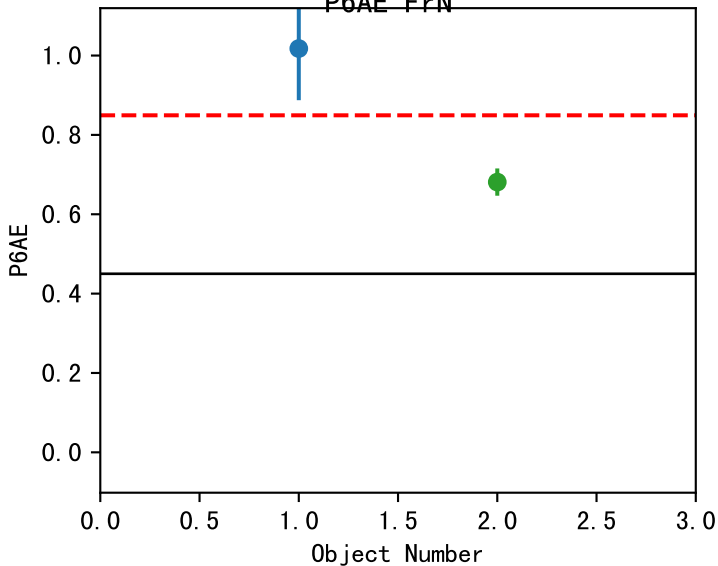
P6AE-033-4T1 (fit failed)



P6AE-045-12T1

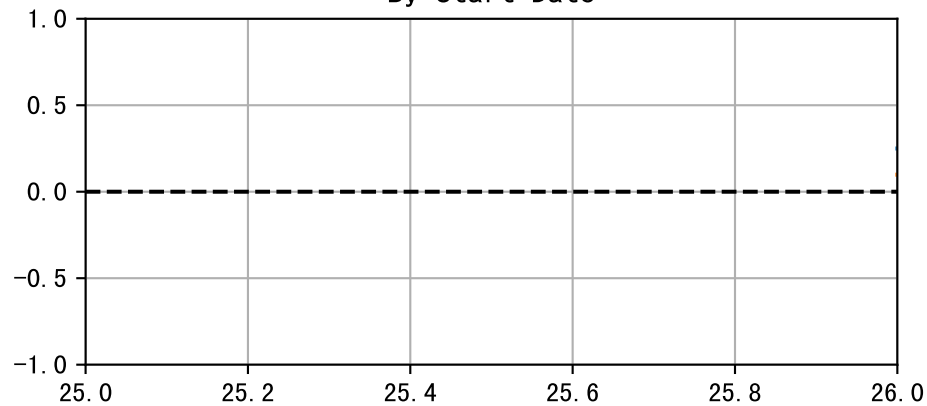


a (Def=0.45 Set=0.81)
avg1=0.85~28% avg2=na

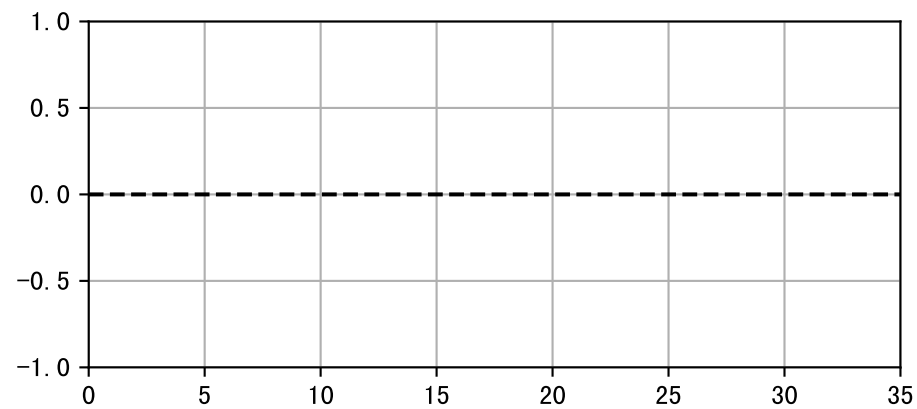
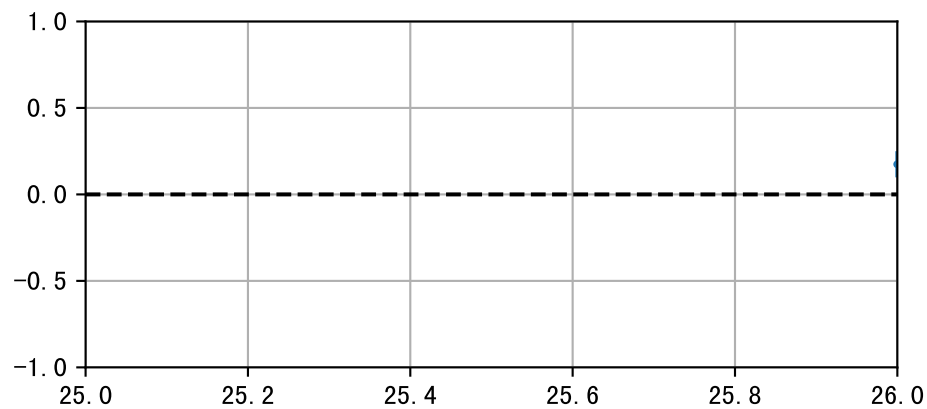
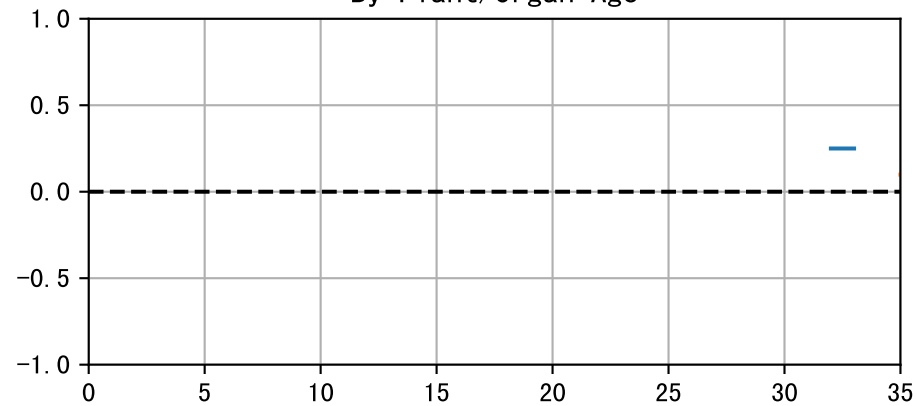


FrN

By Start Date

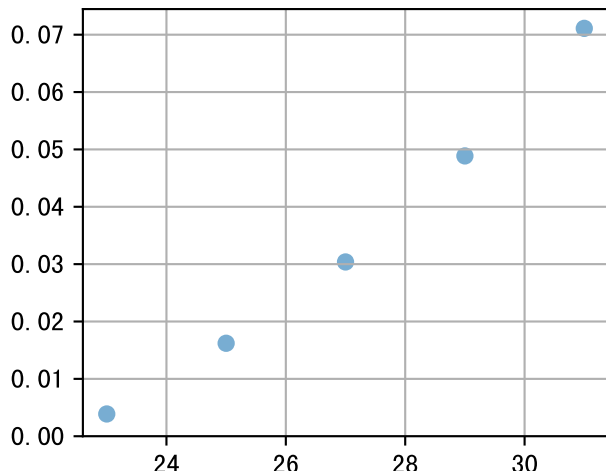


By Plant/Organ Age

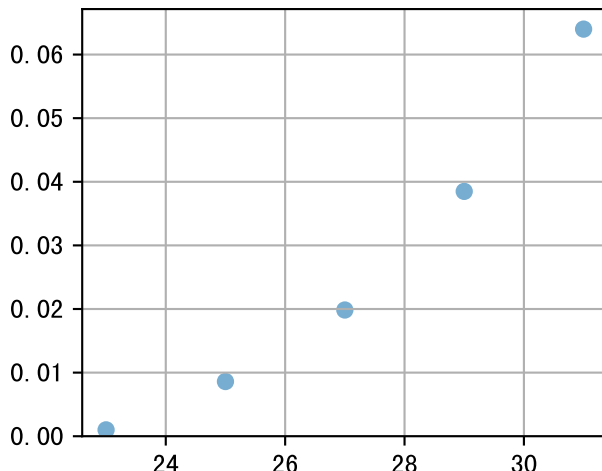


FrV

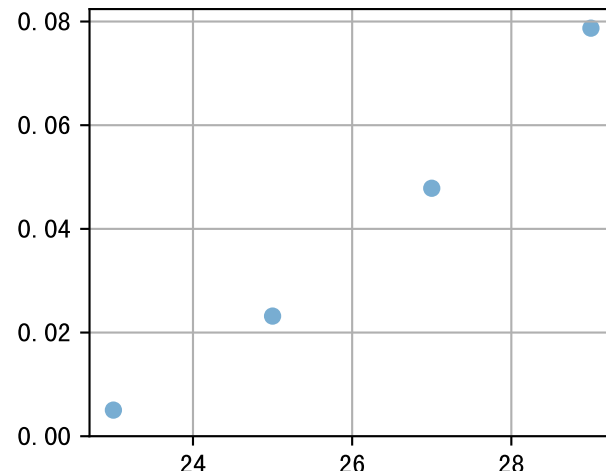
P6AE-007-10T1Fr1 (fit failed)



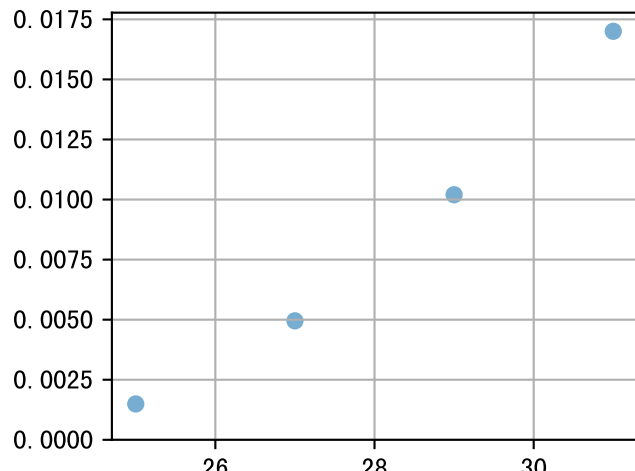
P6AE-007-10T1Fr5 (fit failed)



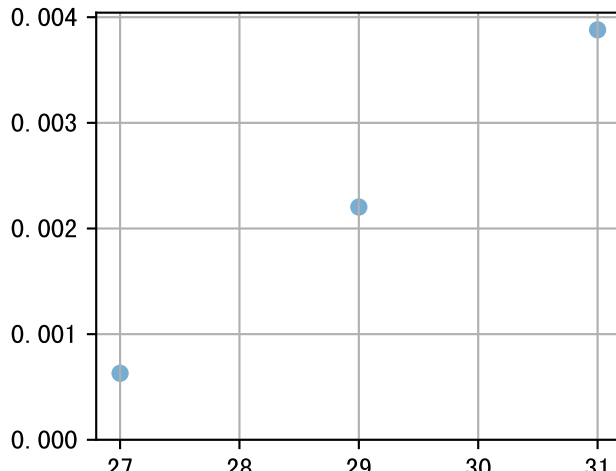
P6AE-014-17T1Fr1 (fit failed)



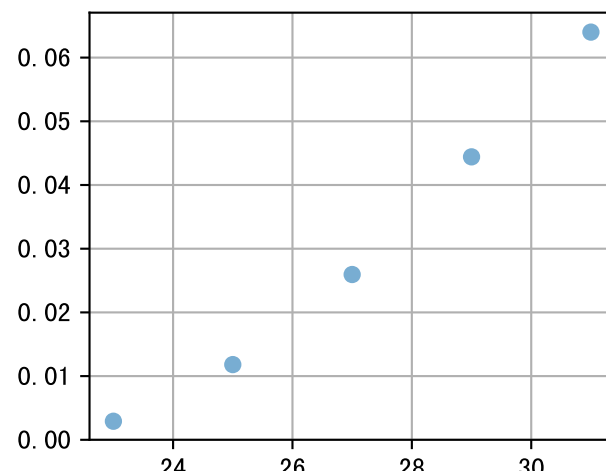
P6AE-014-17T1Fr5 (fit failed)



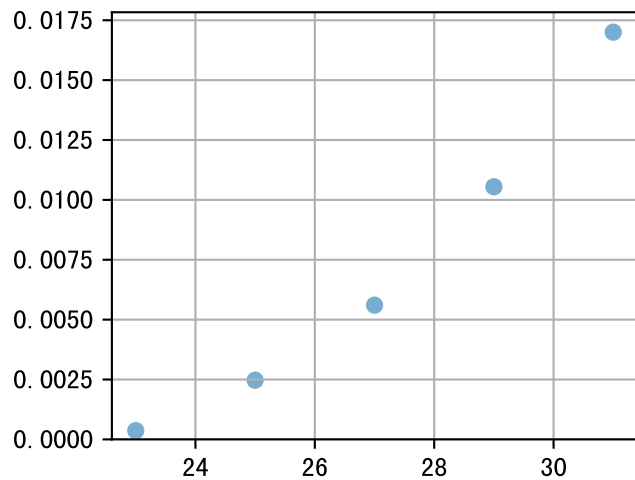
P6AE-014-17T2Fr1 (fit failed)



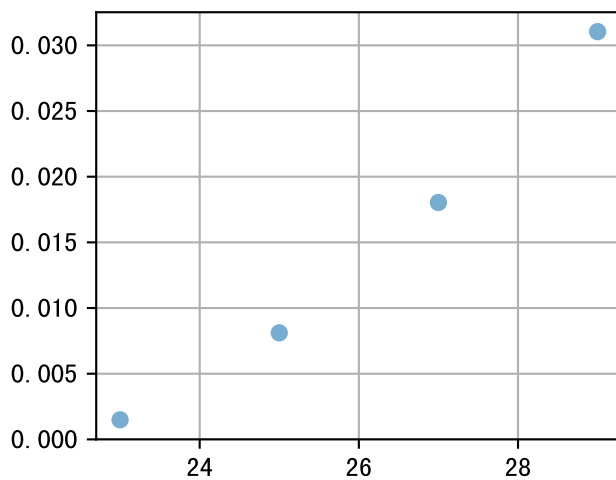
P6AE-026-25T1Fr1 (fit failed)



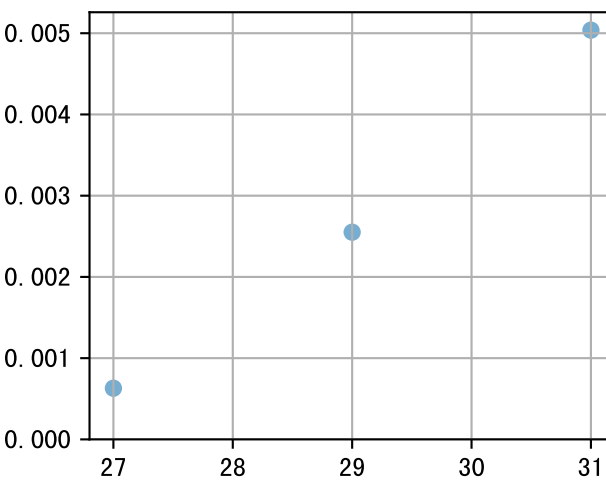
P6AE-026-25T1Fr5 (fit failed)



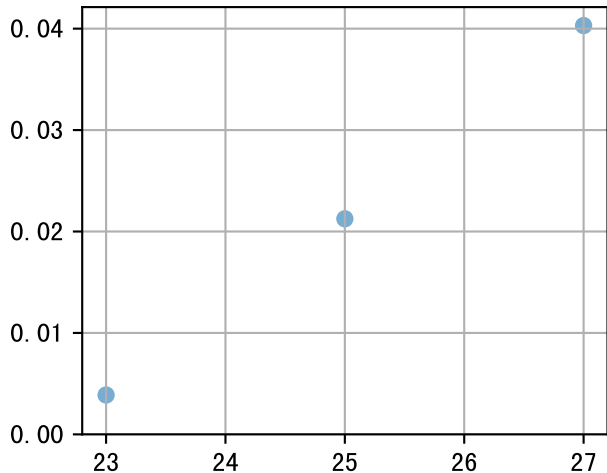
P6AE-033-4T1Fr1 (fit failed)



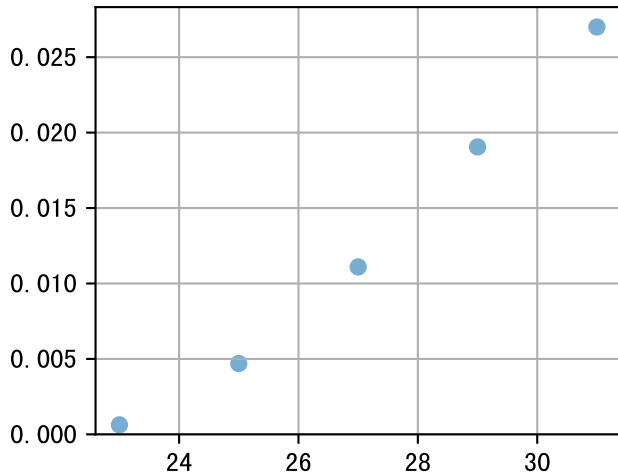
P6AE-033-4T1Fr5 (fit failed)



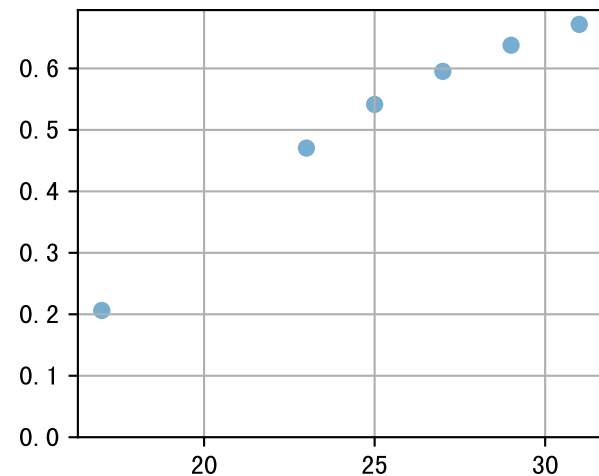
P6AE-045-12T1Fr1 (fit failed)



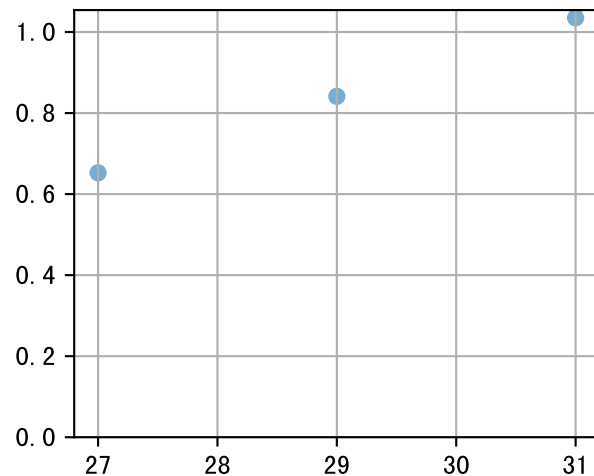
P6AE-045-12T1Fr5 (fit failed)



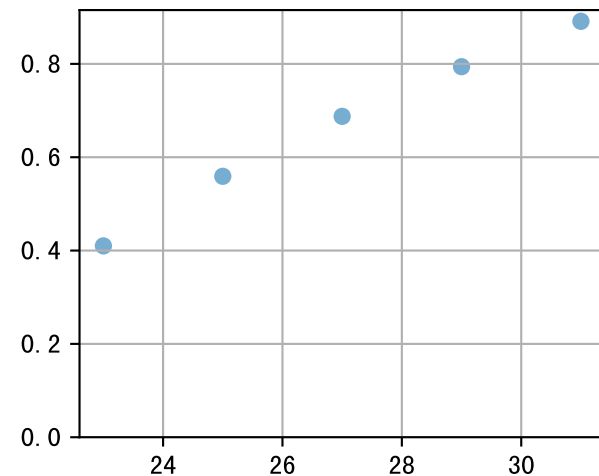
P6AE-007-10L6 (fit failed)



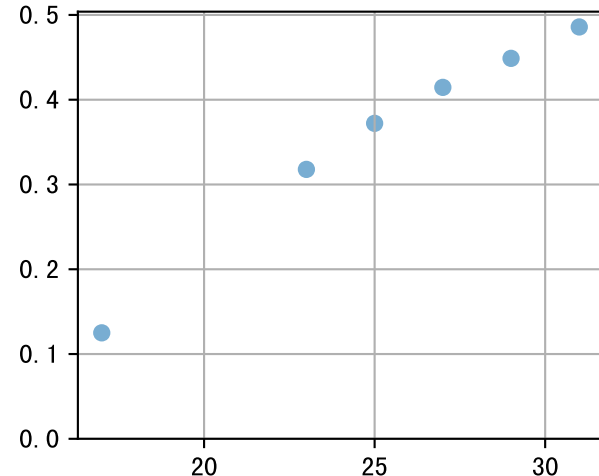
P6AE-007-10L9 (fit failed)



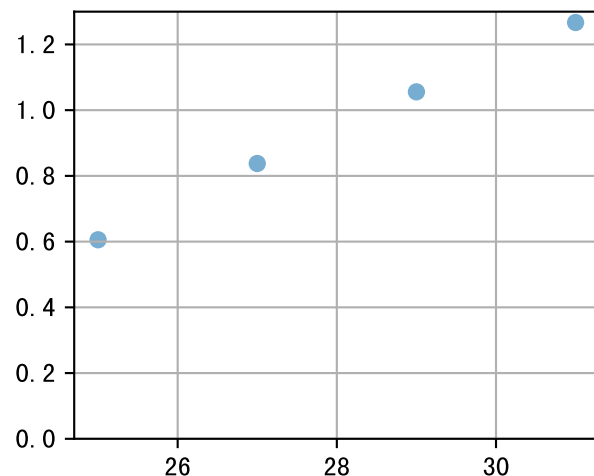
P6AE-014-17L11 (fit failed)



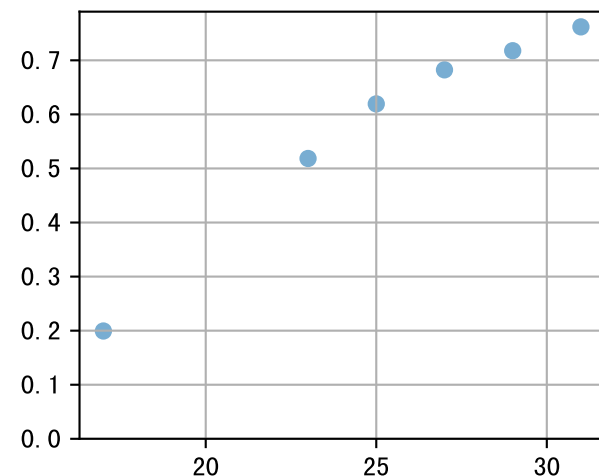
P6AE-014-17L8 (fit failed)



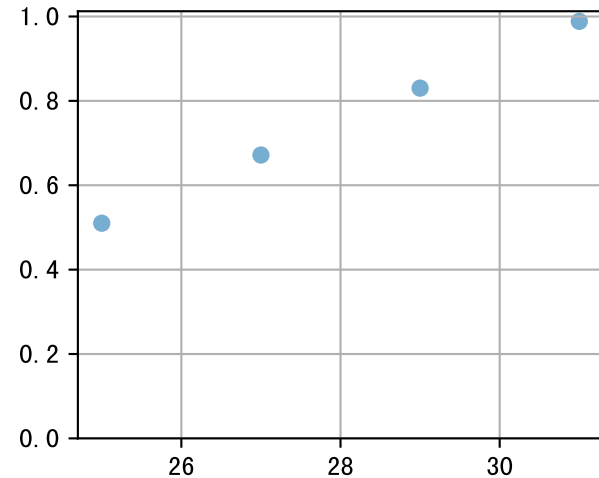
P6AE-026-25L10 (fit failed)



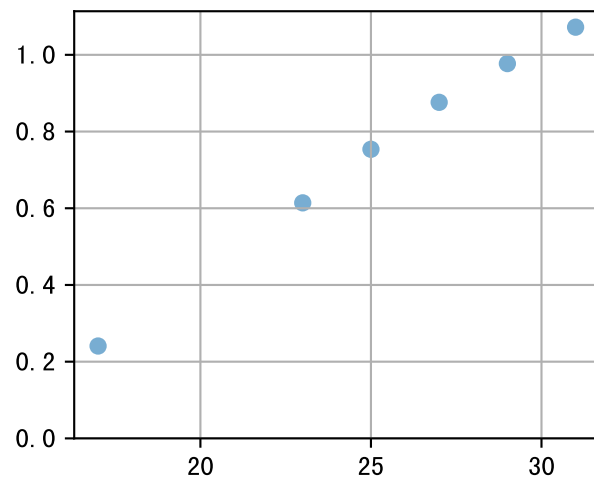
P6AE-026-25L7 (fit failed)



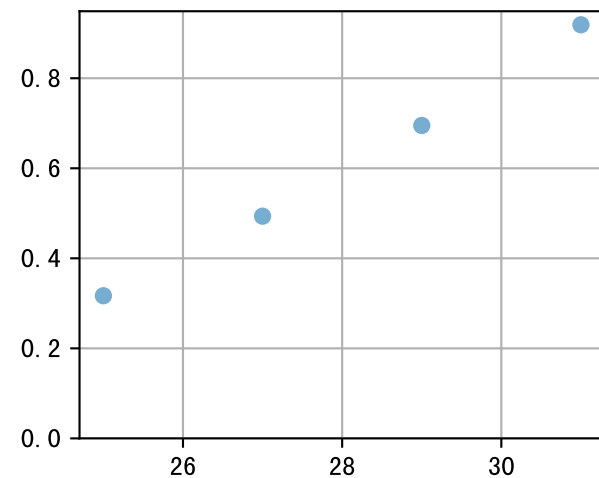
P6AE-033-4L10 (fit failed)



P6AE-033-4L8 (fit failed)

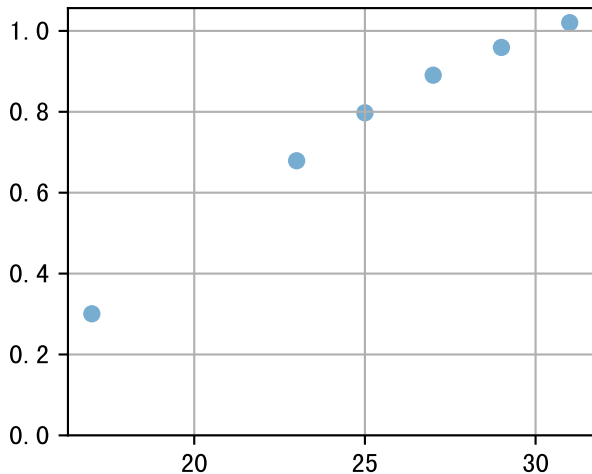


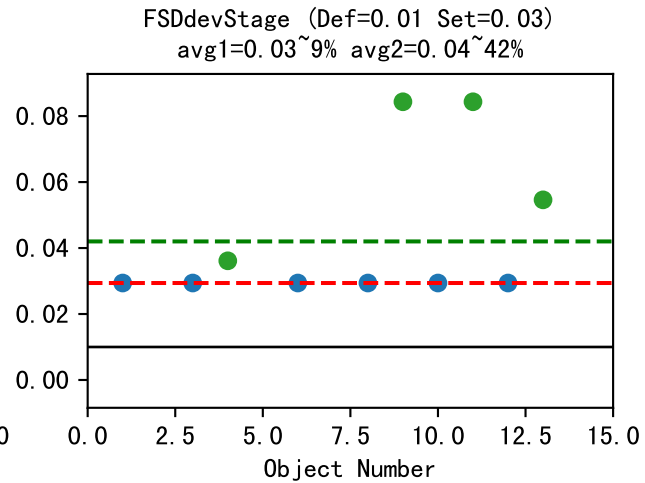
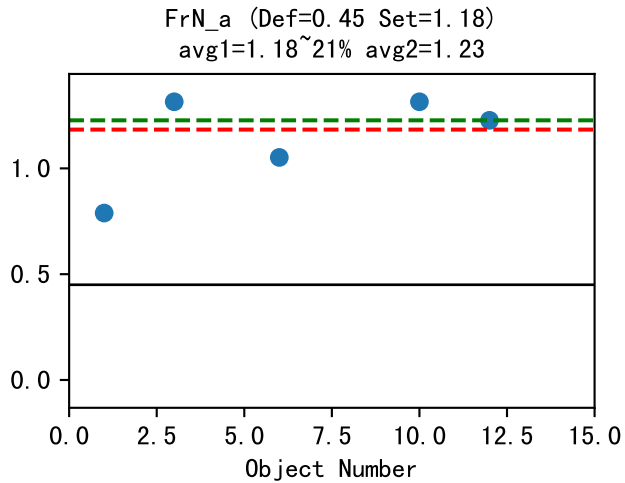
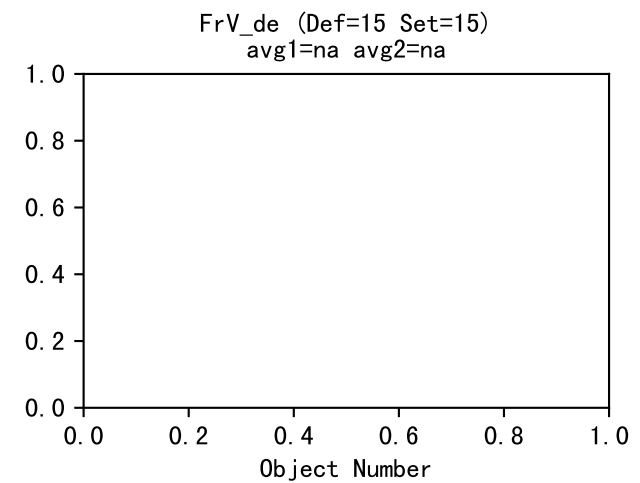
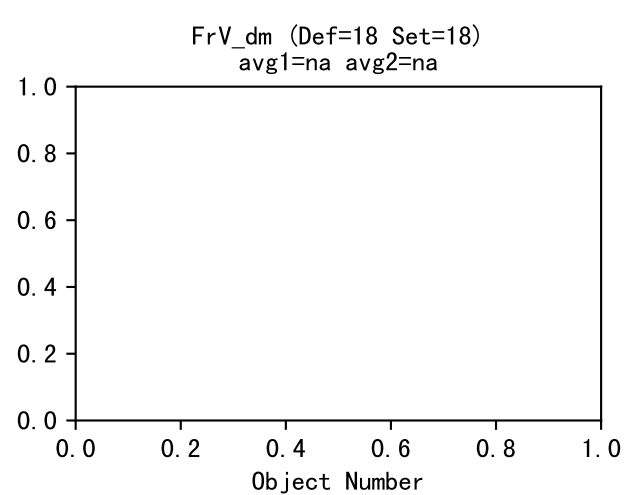
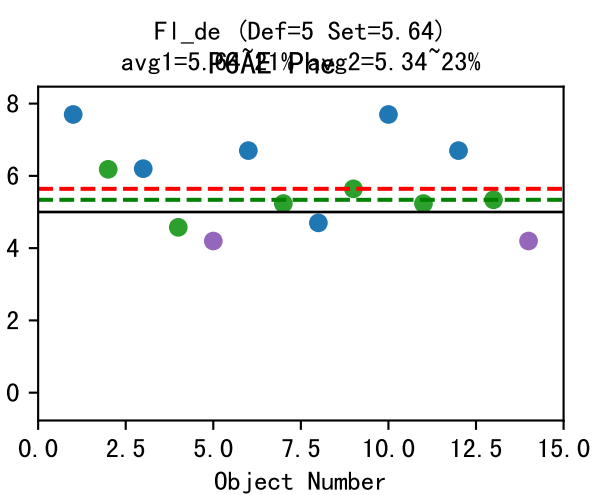
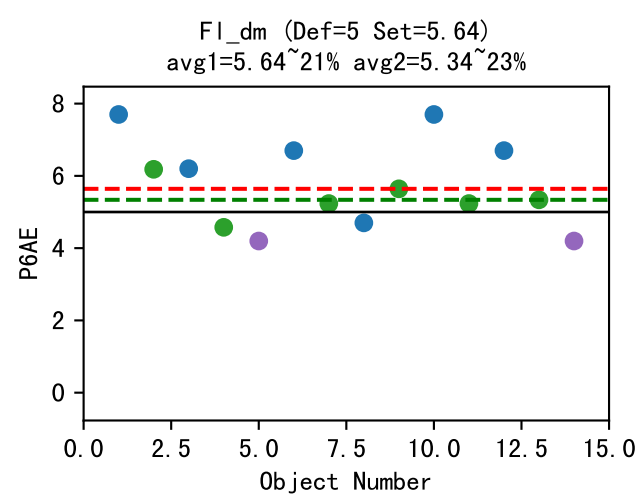
P6AE-045-12L10 (fit failed)



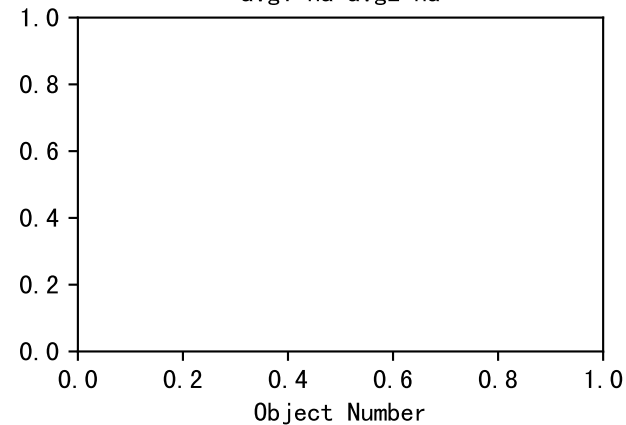
P6AE-045-12L7 (fit failed)

LfA

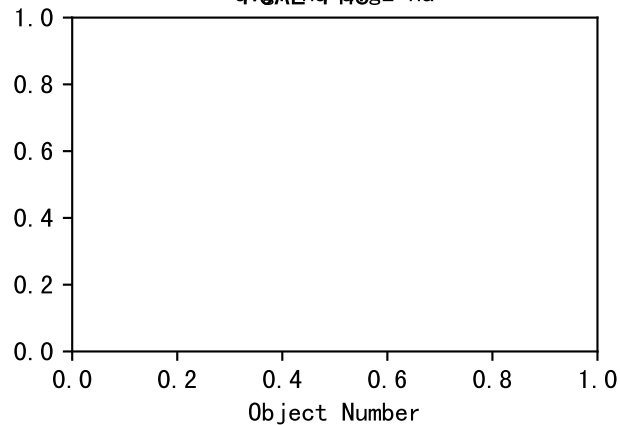




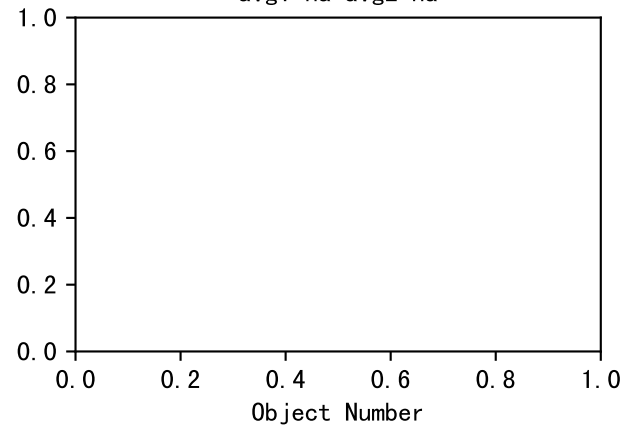
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



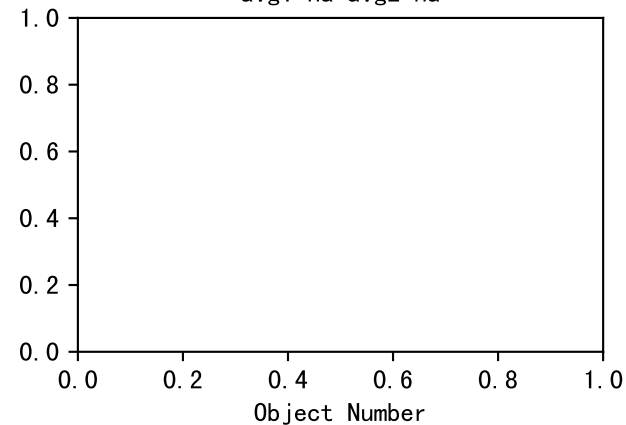
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



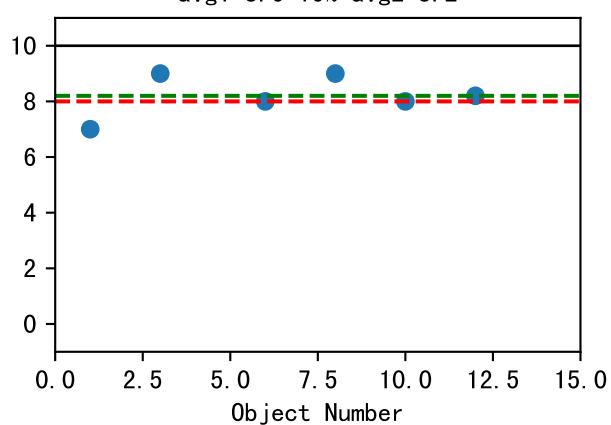
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

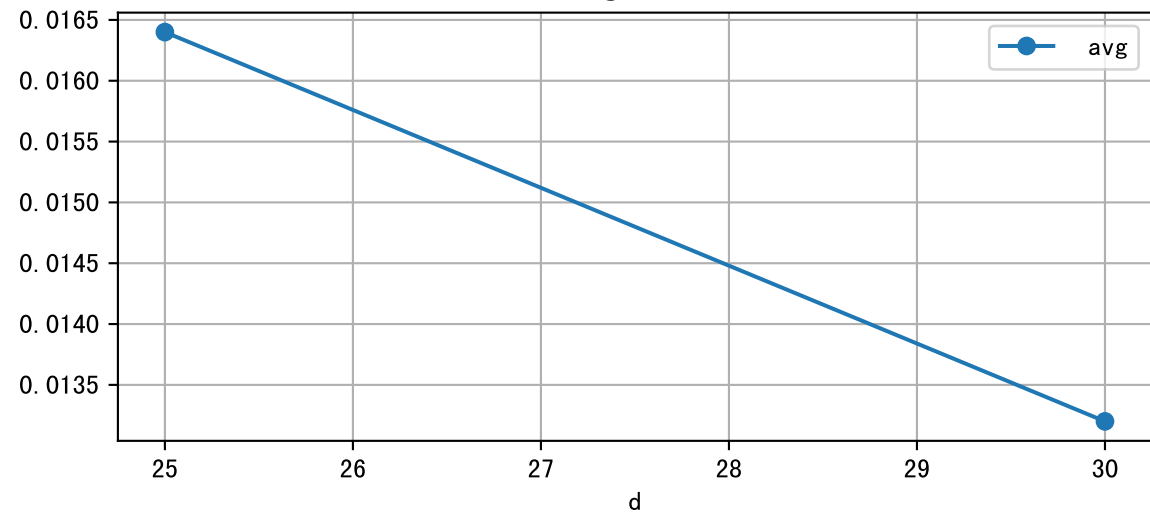


NNgen (Def=10 Set=8)
avg1=8.0~10% avg2=8.2

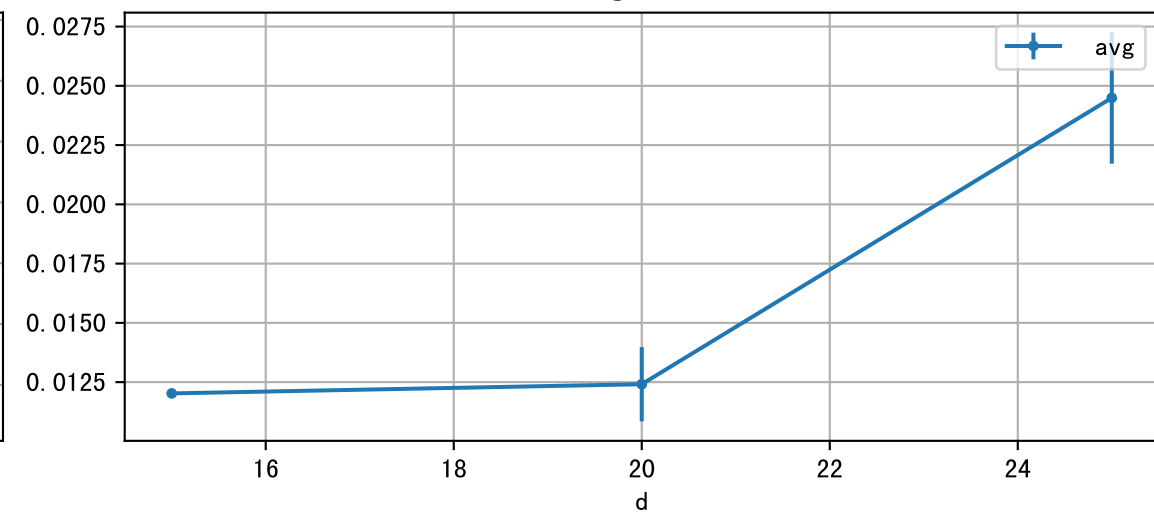


LfA: avg vs. d at each age group

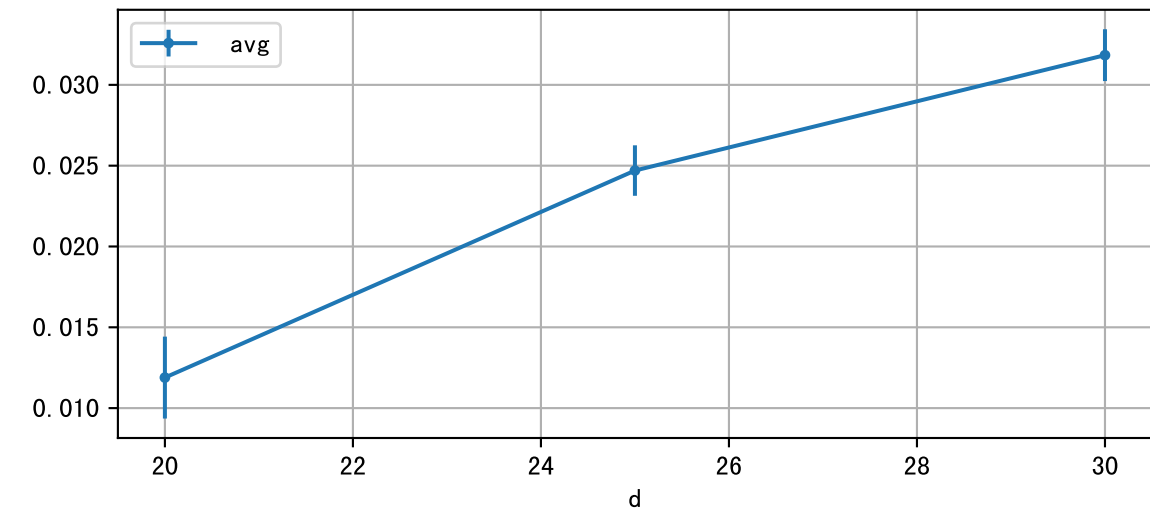
age=15



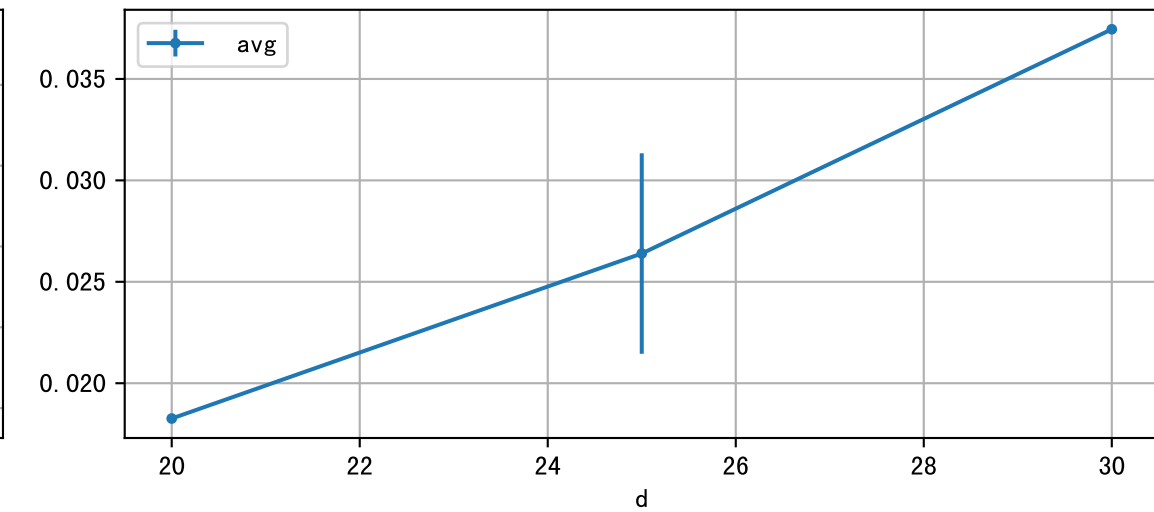
age=20



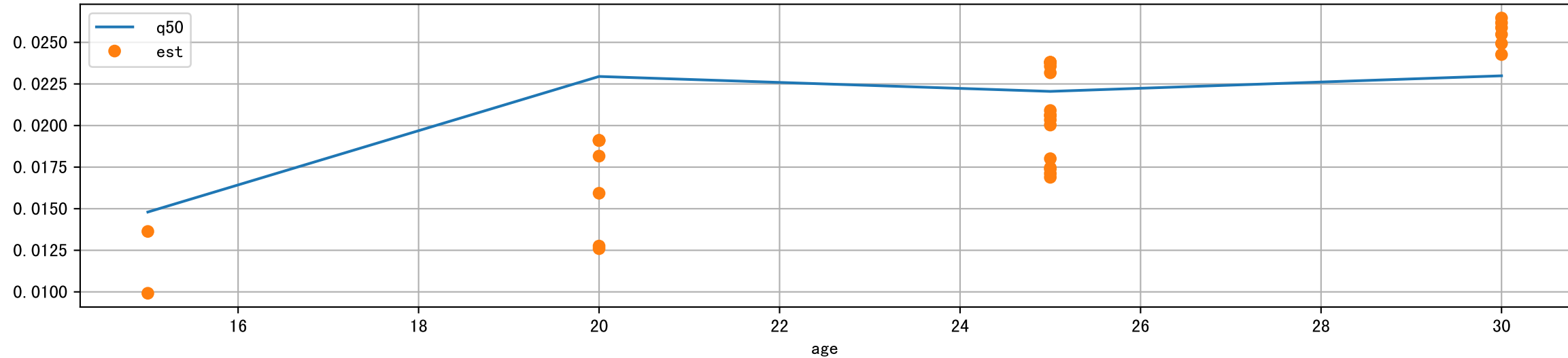
age=25



age=30

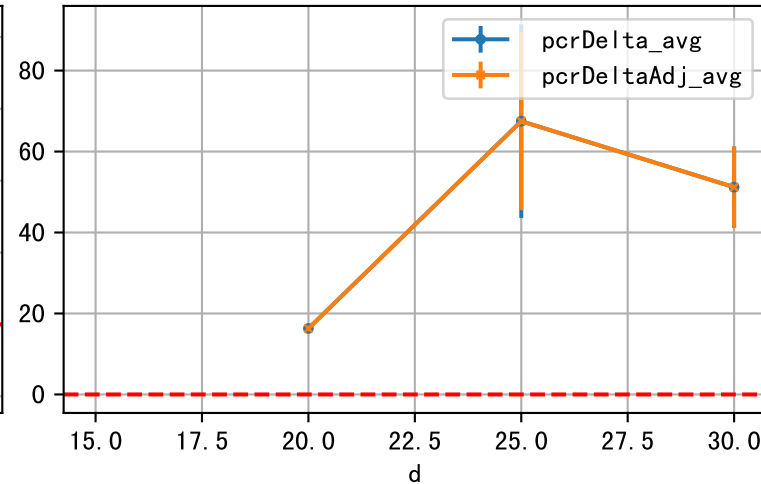


LfA: model est vs obs0v@Q50

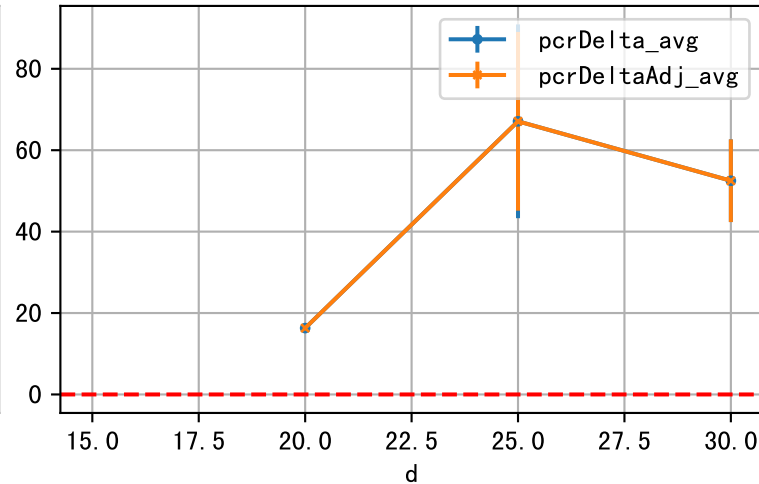


P6AE LfA: D_5d_LfA

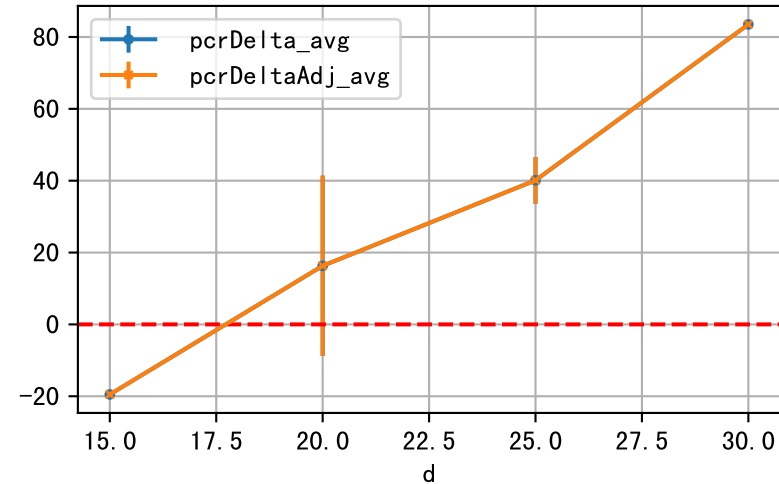
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=Wei AvgByD

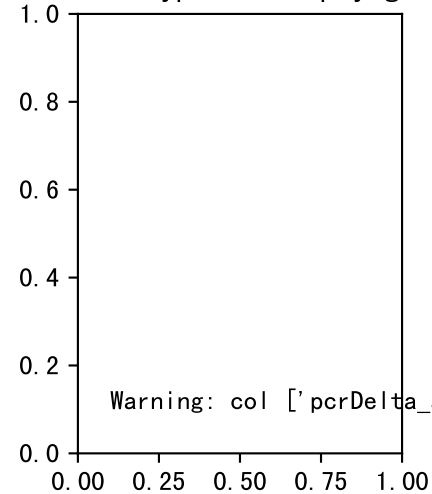


DeltaTypeAbbr=GrpByAge

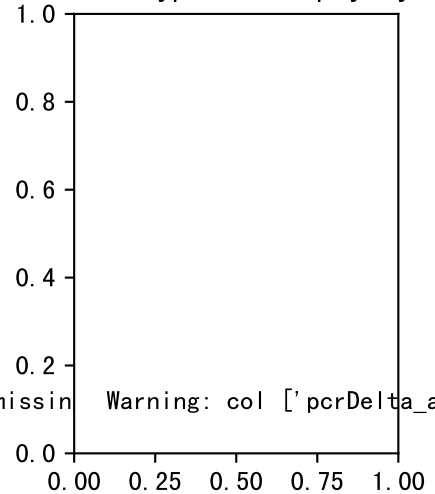


P6AE LfA: D_15d_LfA

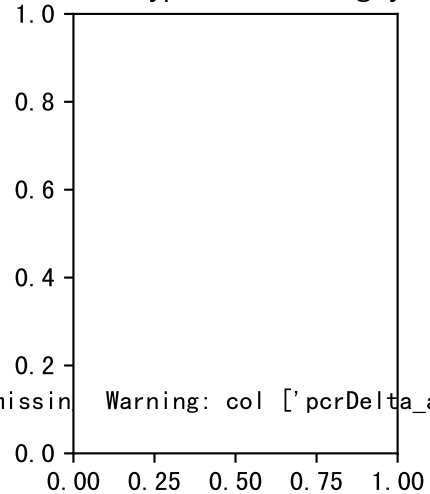
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

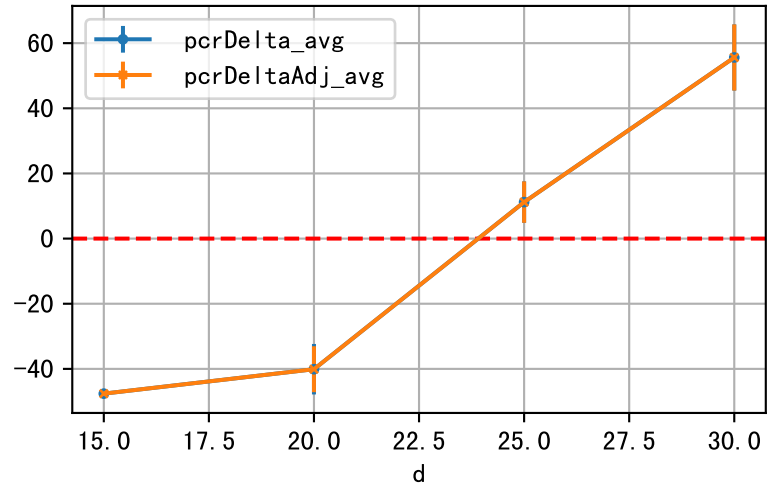
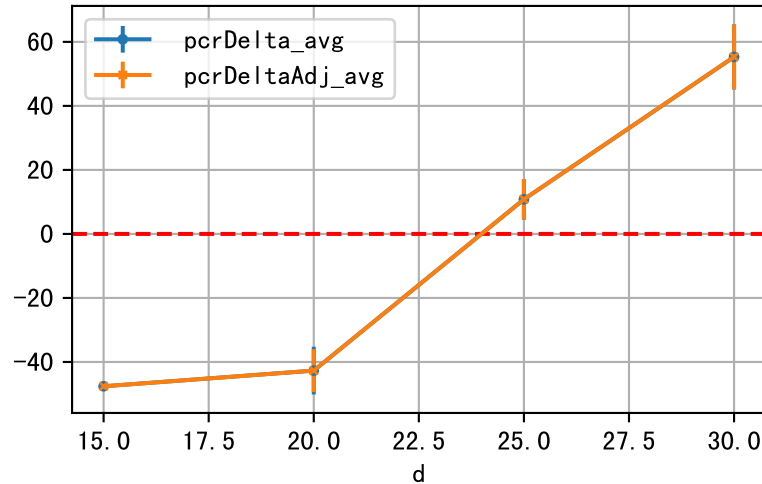
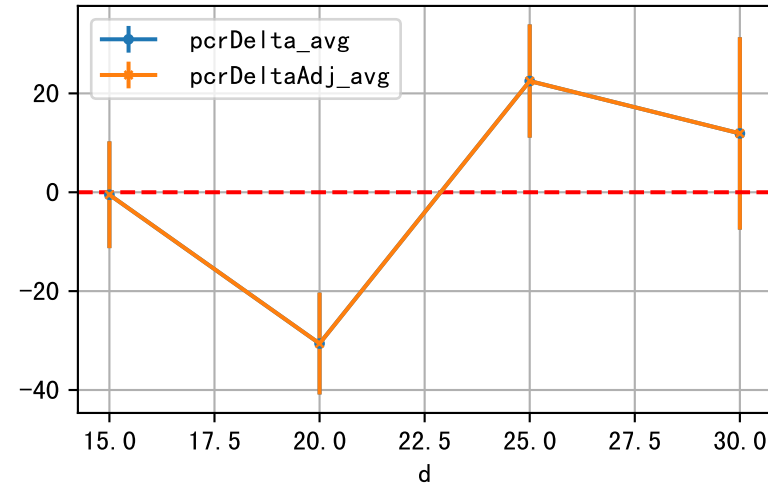


P6AE LfA: D_Q50_LfA

DeltaTypeAbbr=GrpByAge

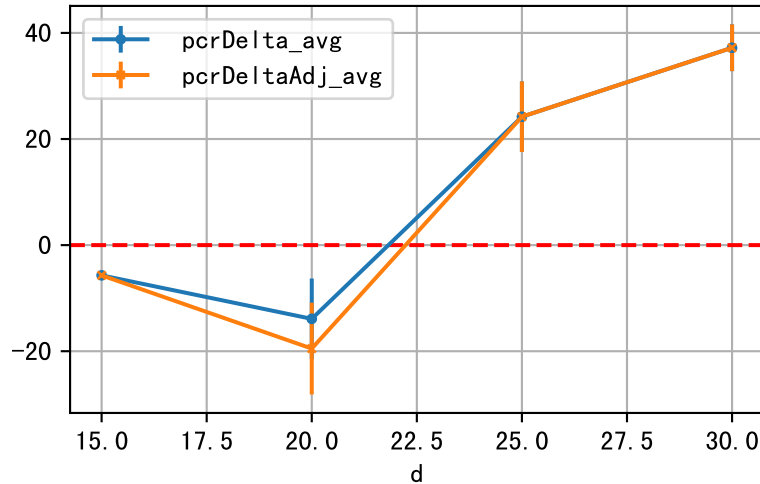
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

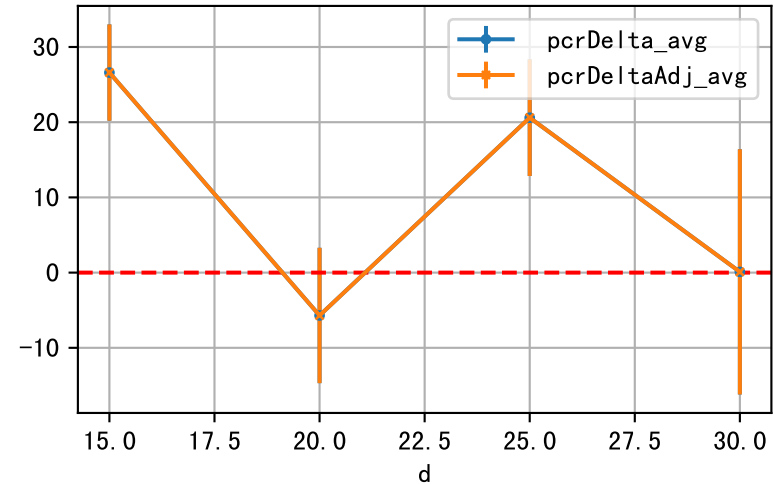


P6AE LfA: D_Est_LfA

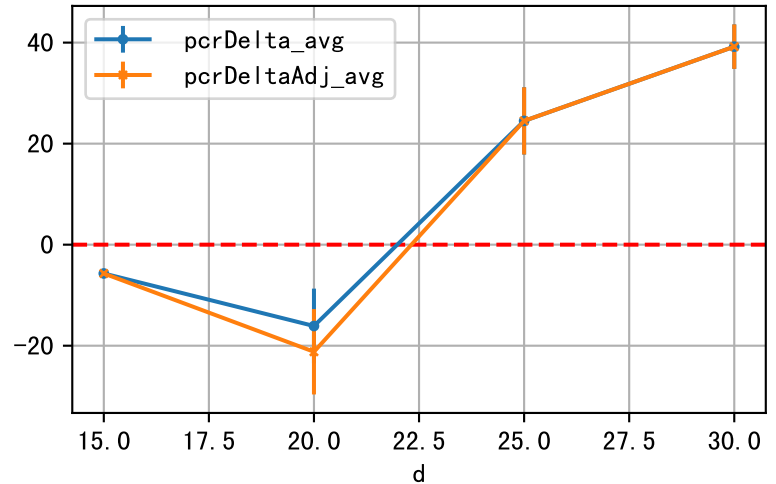
DeltaTypeAbbr=GrpByDay



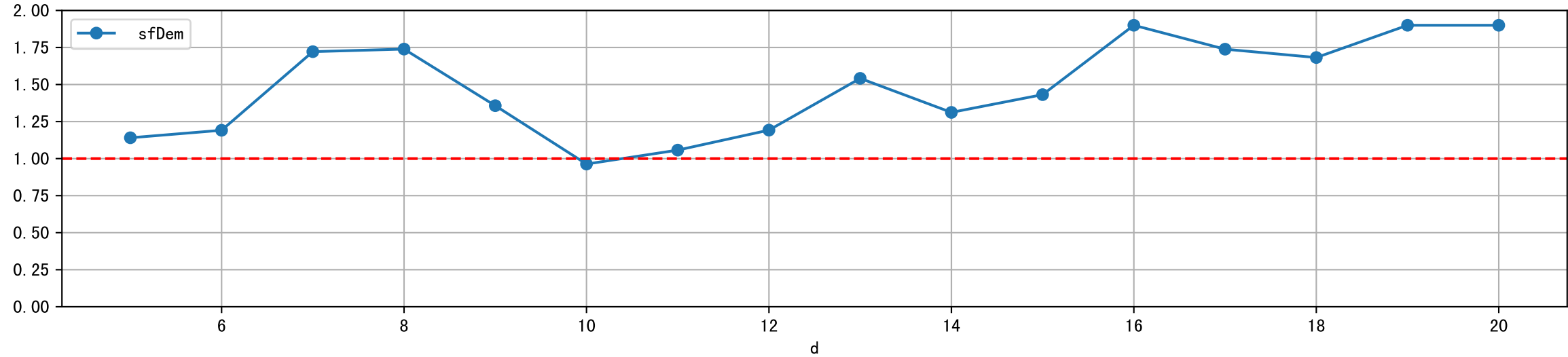
DeltaTypeAbbr=GrpByAge

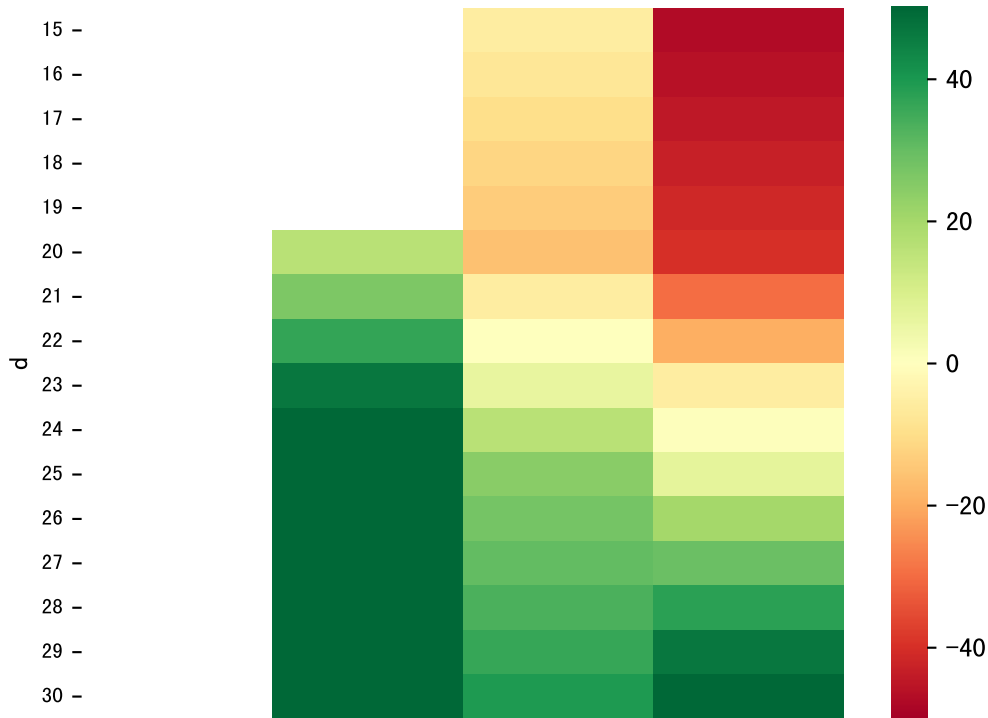


DeltaTypeAbbr=WeiAvgByD



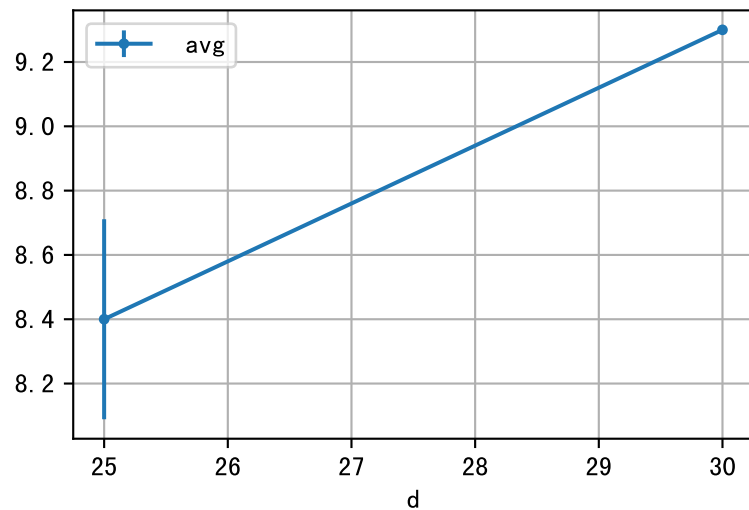
LfA: sfDem



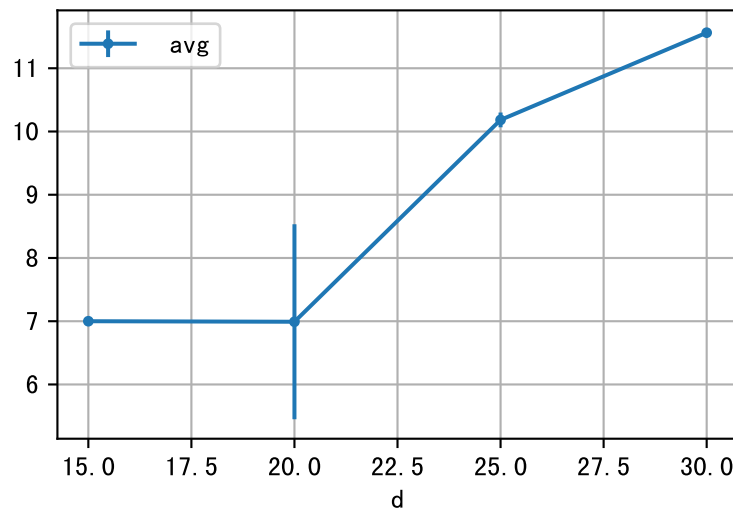


NdD: avg vs. d at each age group

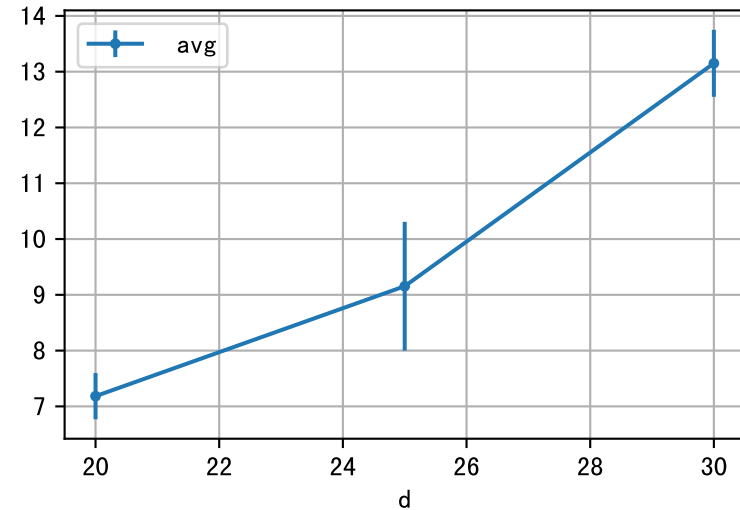
age=15



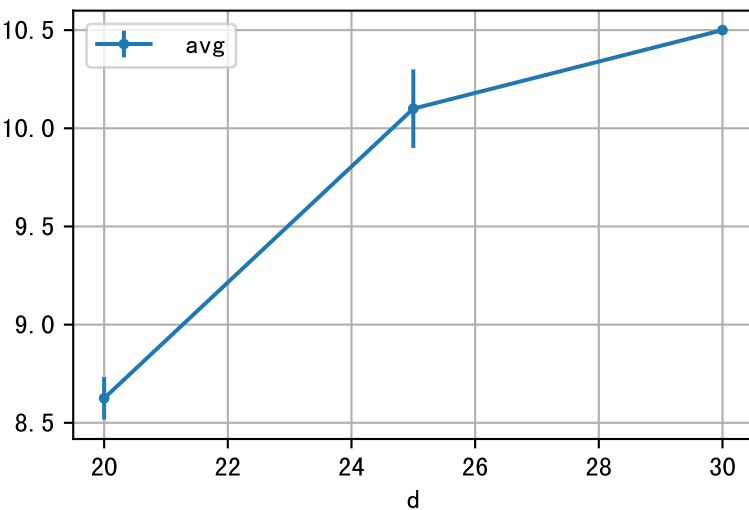
age=20



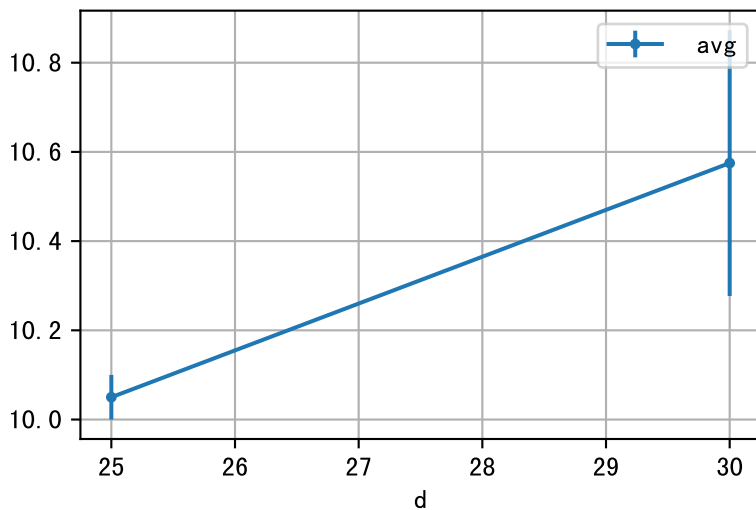
age=25



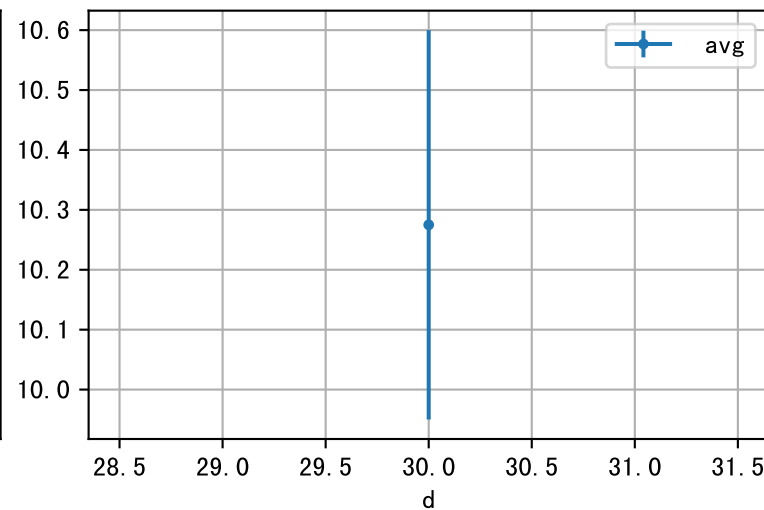
age=30



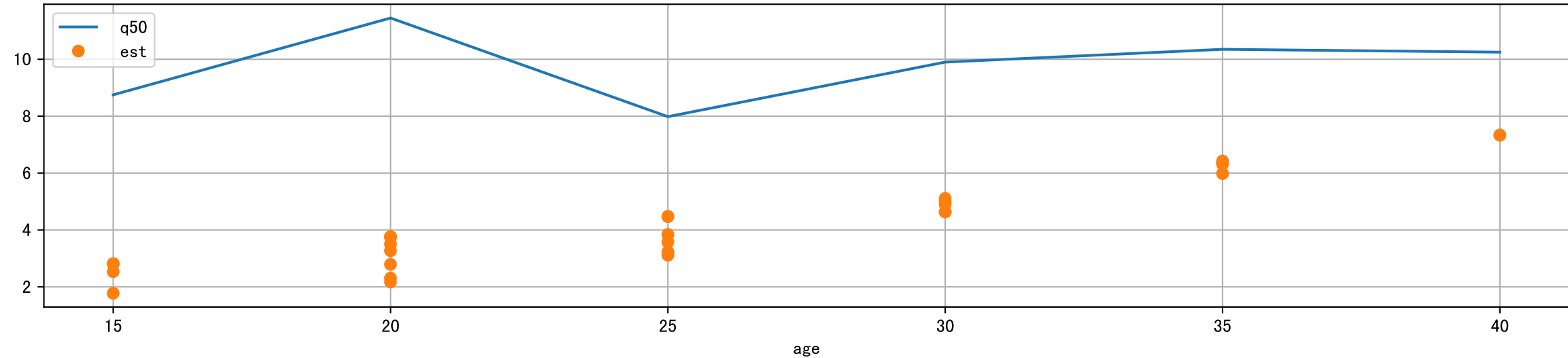
age=35



age=40

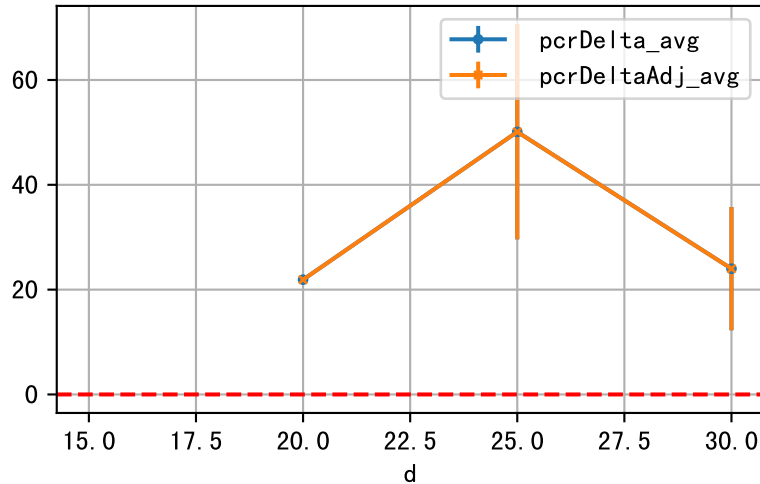


NdD: model est vs obs0v@Q50

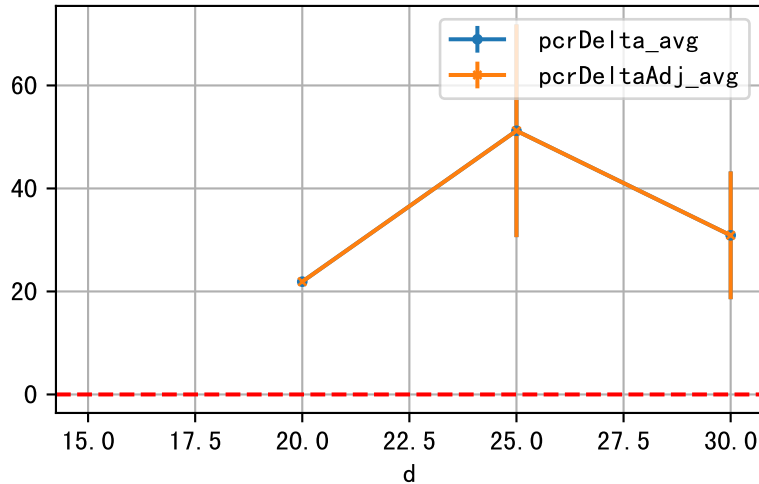


P6AE NdD: D_5d_NdD

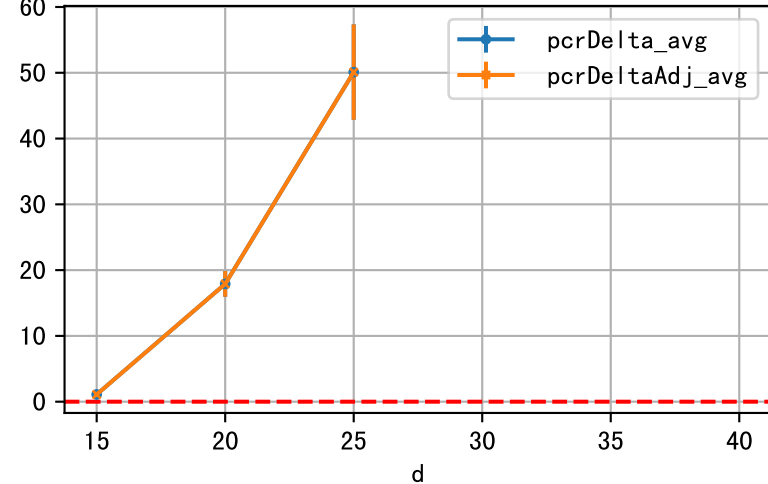
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

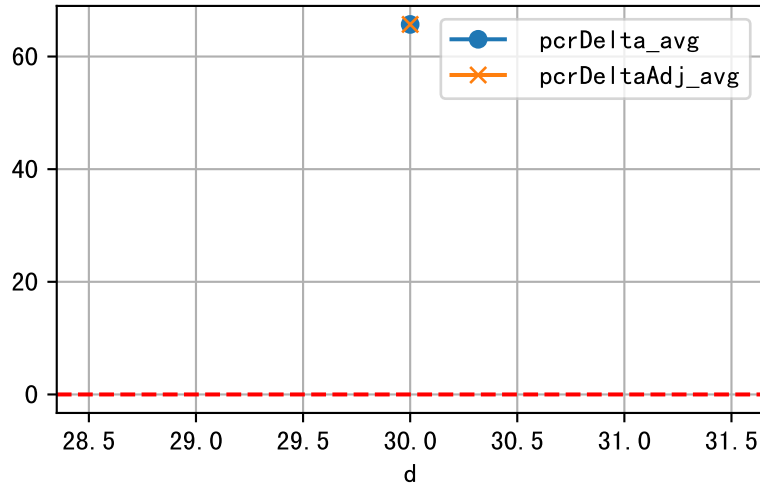


DeltaTypeAbbr=GrpByAge

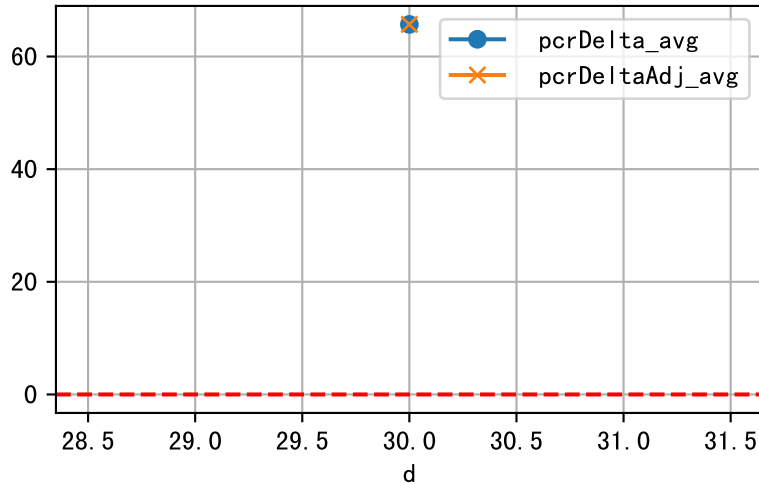


P6AE NdD: D_15d_NdD

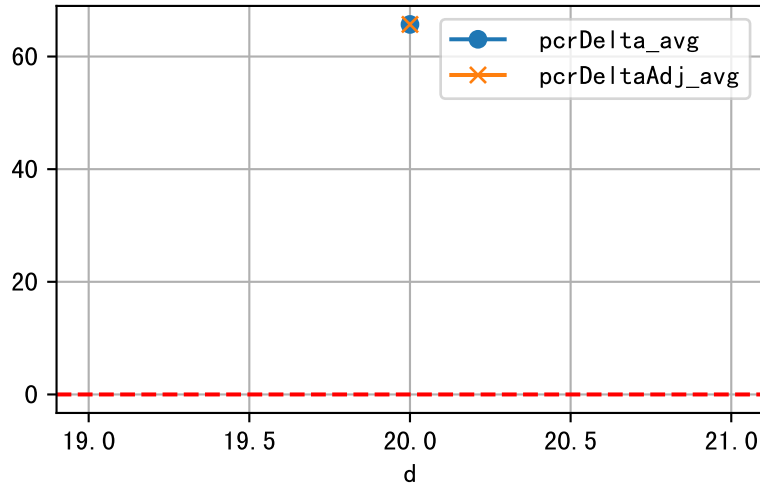
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

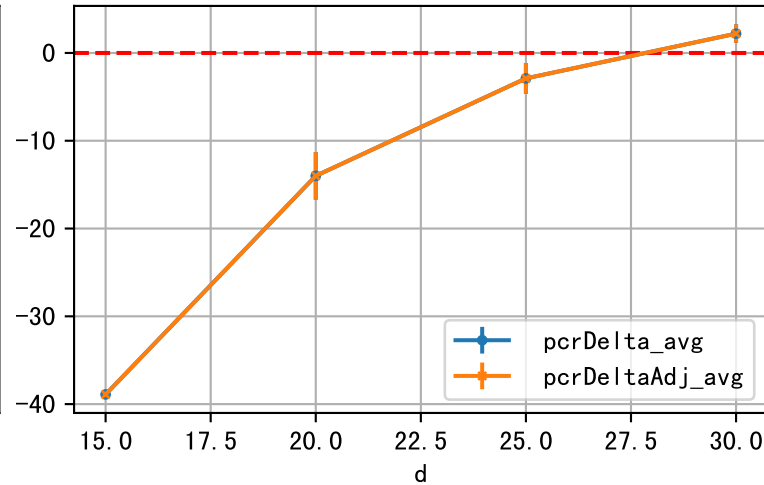


DeltaTypeAbbr=GrpByAge

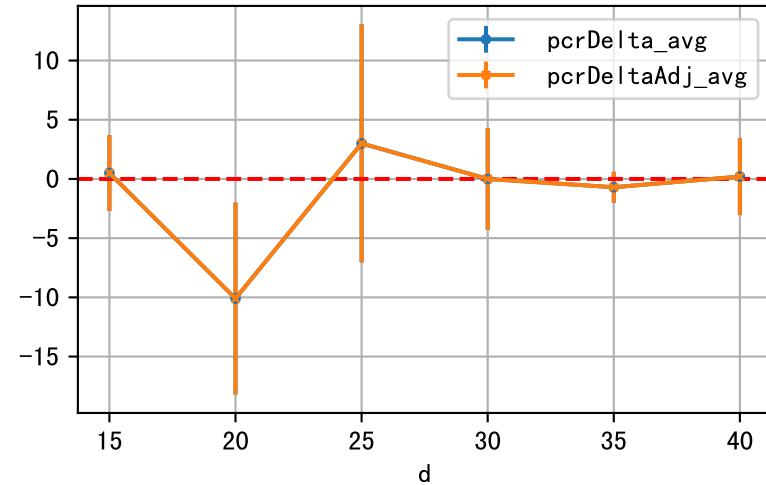


P6AE NdD: D_Q50_NdD

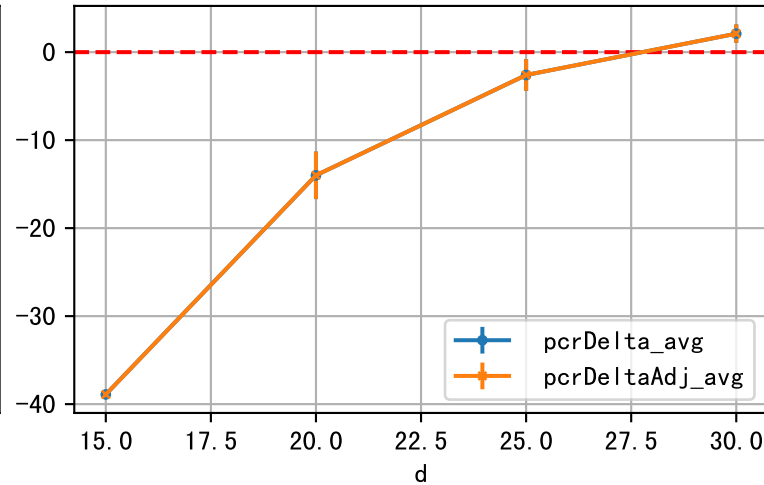
DeltaTypeAbbr=GrpByDay



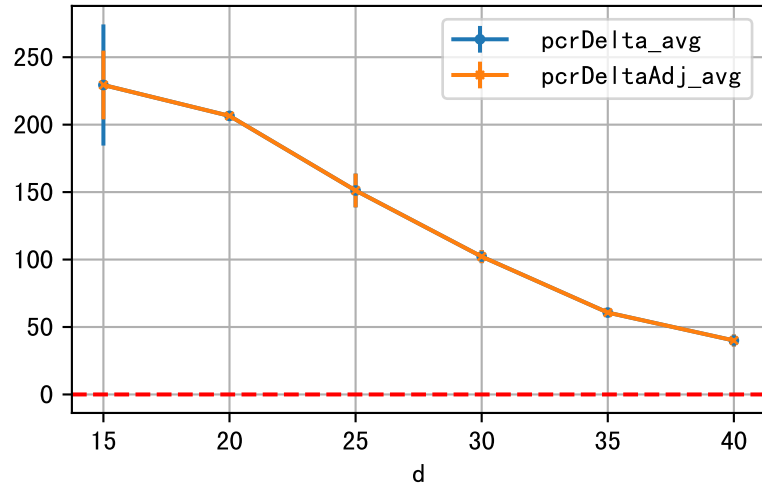
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=Wei AvgByD

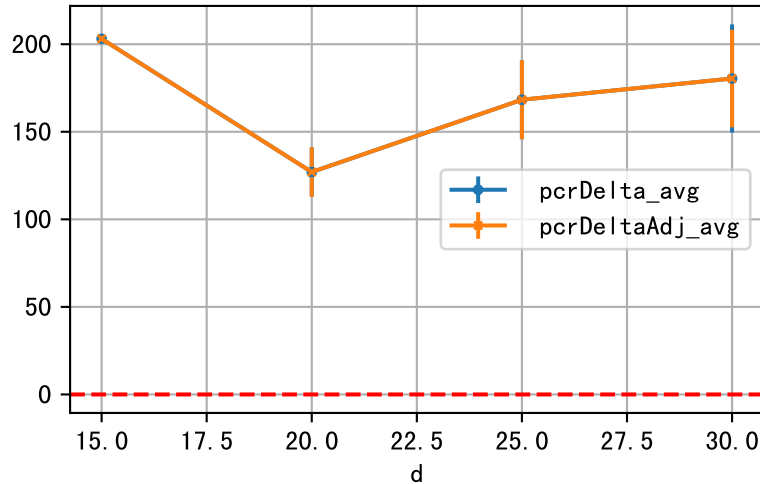


DeltaTypeAbbr=GrpByAge

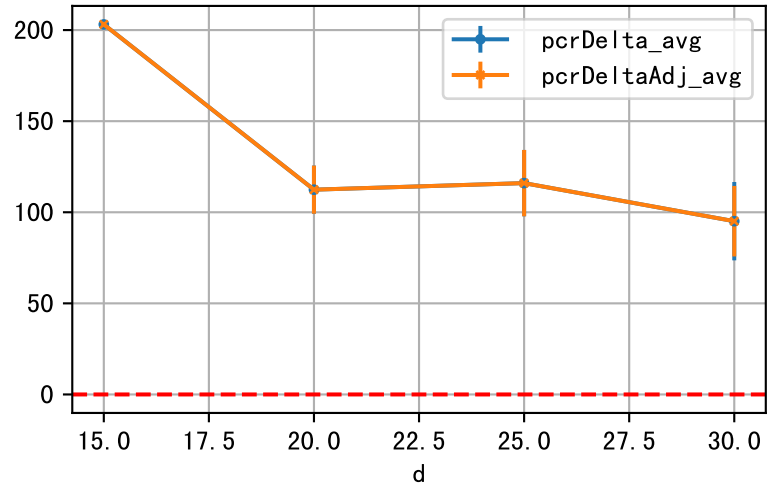


P6AE NdD: D_Est_NdD

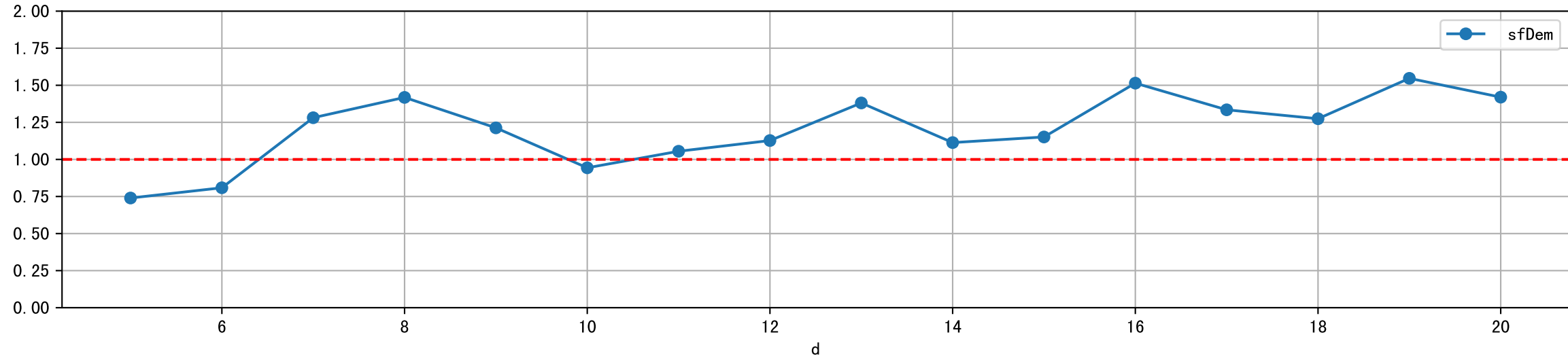
DeltaTypeAbbr=GrpByDay

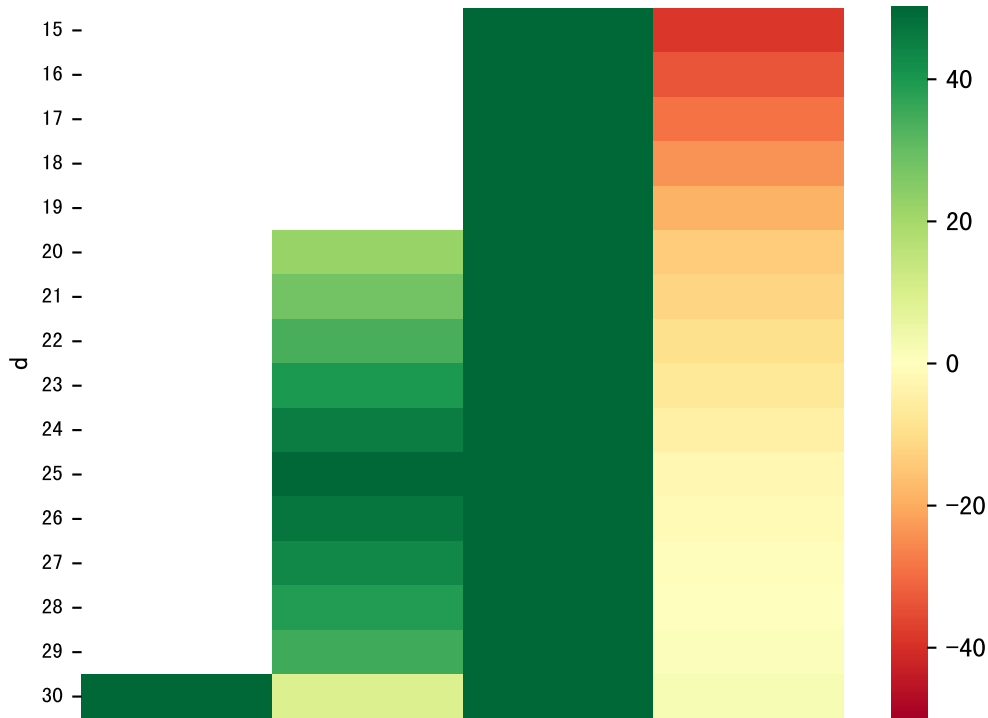


DeltaTypeAbbr=Wei AvgByD

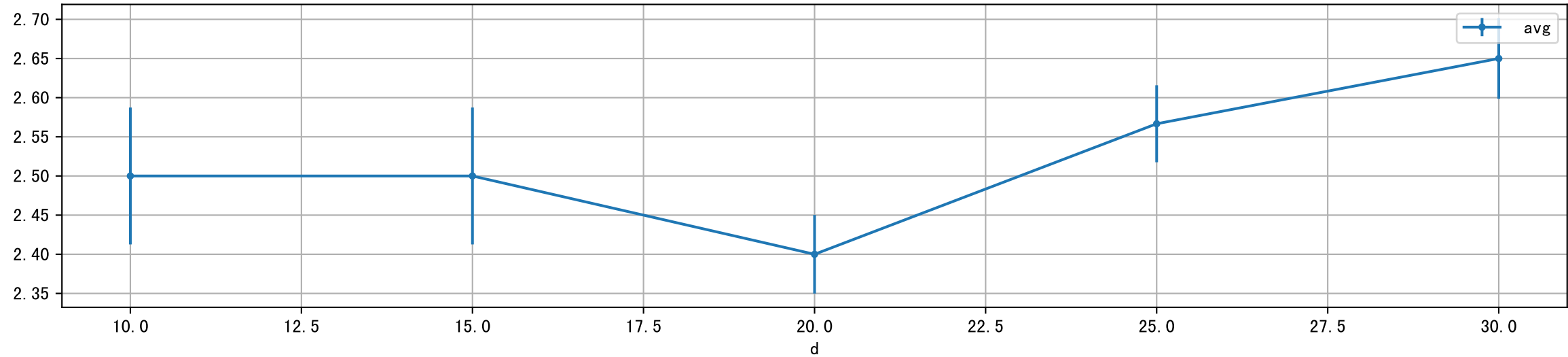


NdD: sfDem

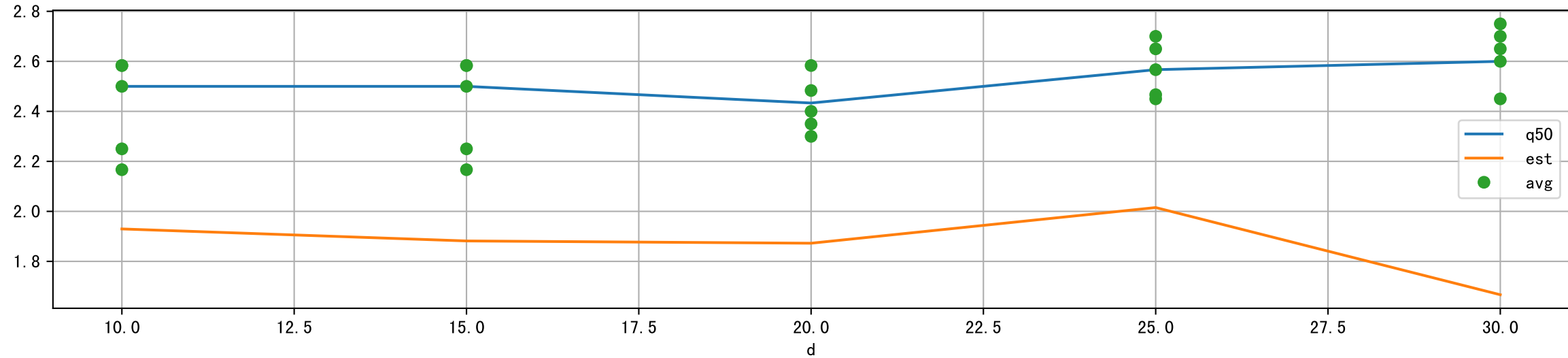




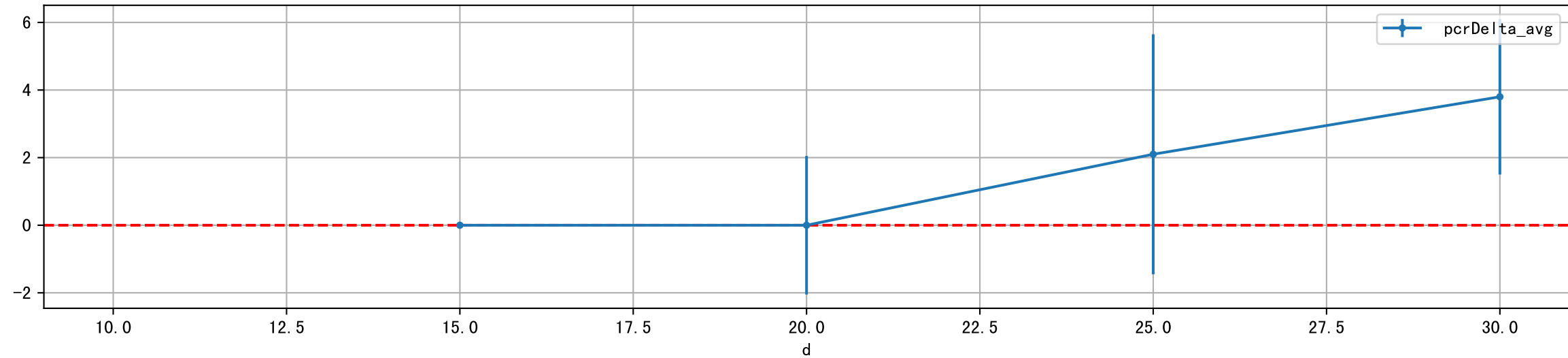
dStH: avg vs. d



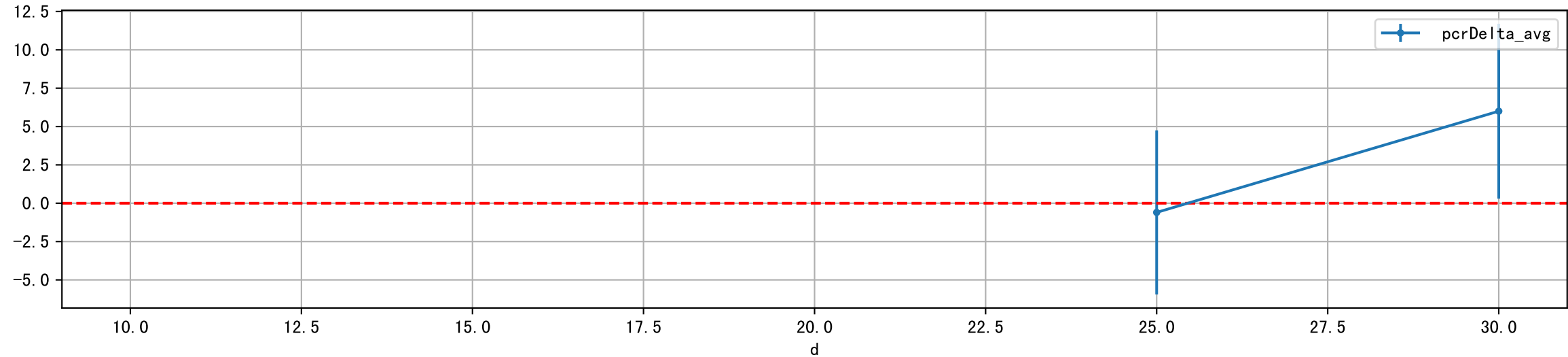
dStH: obsAvg vs obs0v@Q50



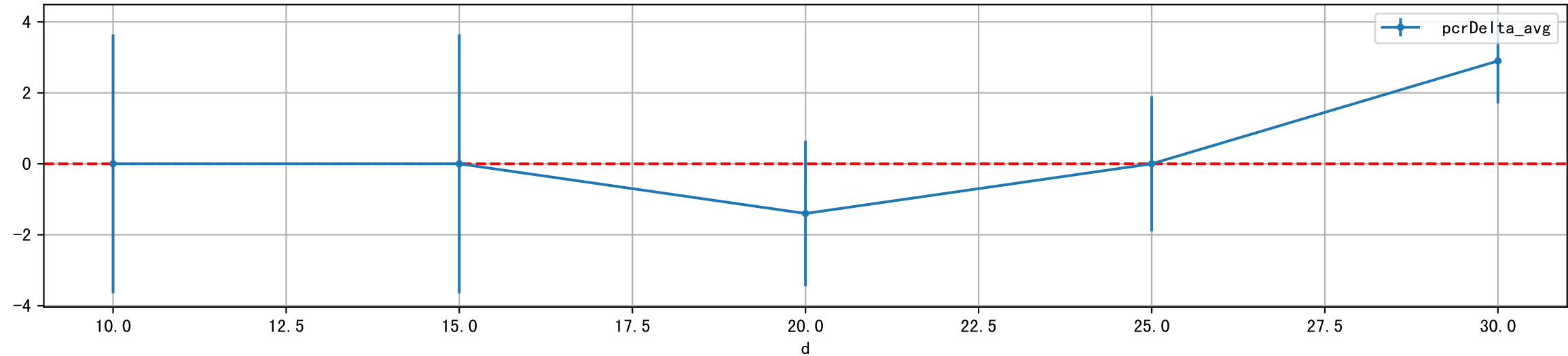
dStH: D_5d_StH



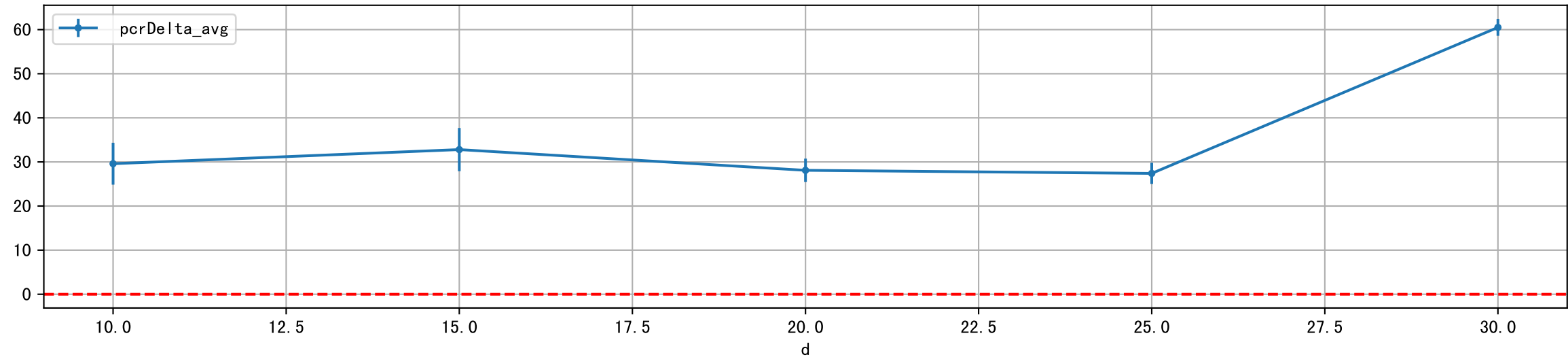
dStH: D_15d_StH



dStH: D_Q50_StH



dStH: D_Est_StH



dStH: sfDem

