

Phenotype Data Analysis Plots

PhenoData day range = 5 – 24

Analysis cutoff day = 24

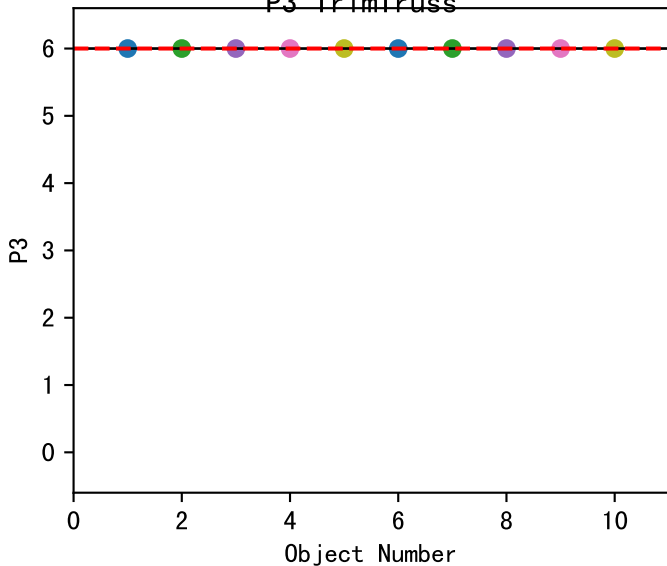
NC11 P3

2025-04-30 (Day 25)

TrussNodeMaxPerStem (Def=6.0 Set=6)

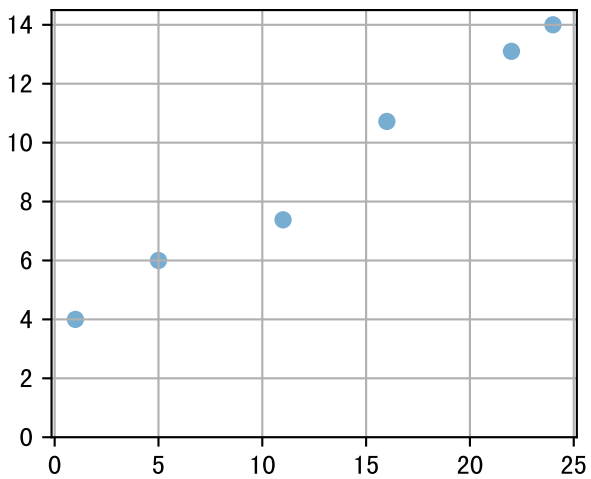
avg1=6.0~0% avg2=na

P3 TrimTruss

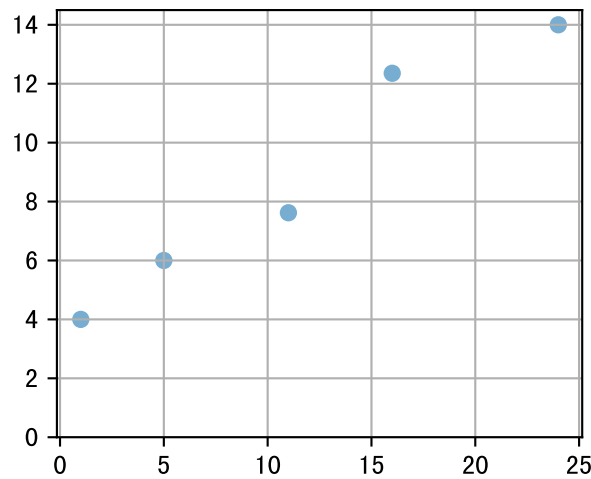


NdN

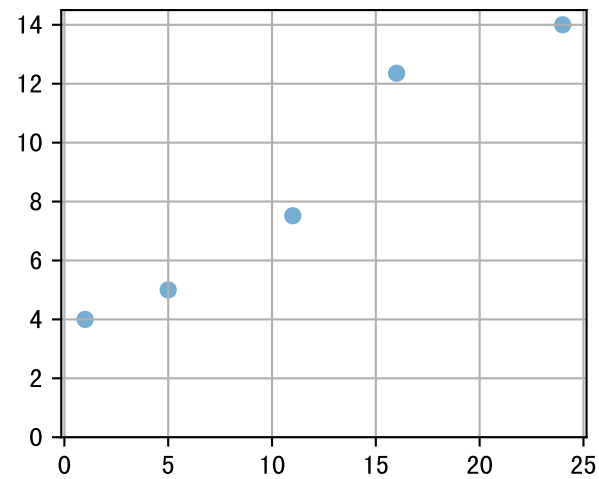
P3-009-13 (fit failed)



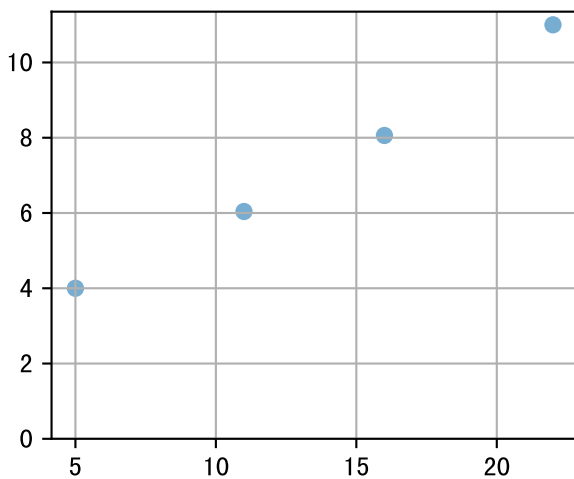
P3-021-19 (fit failed)



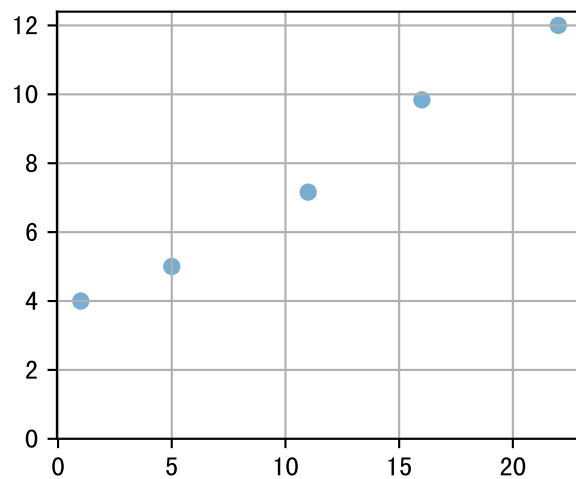
P3-034-5 (fit failed)



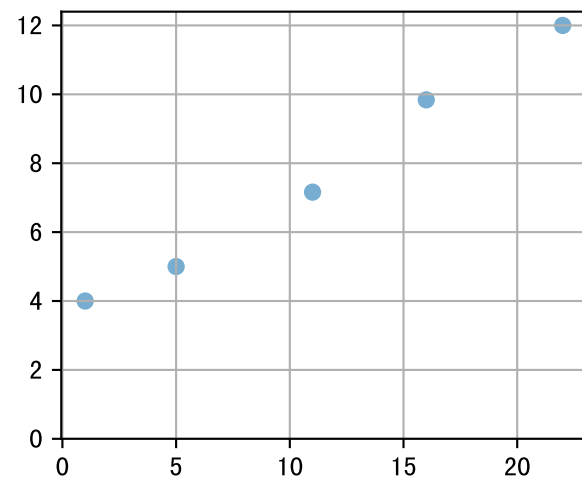
P3-045-17 (fit failed)



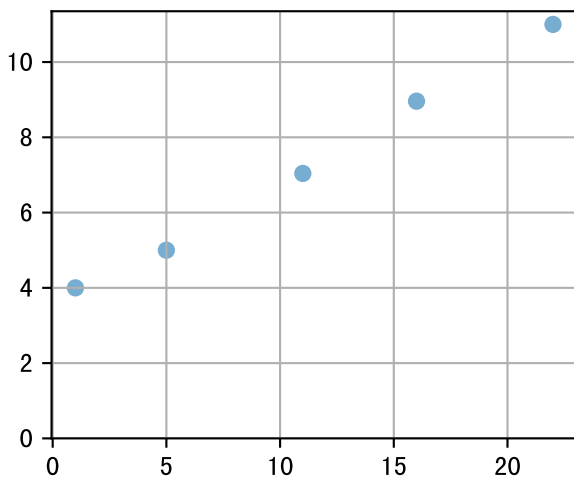
P3-054-28 (fit failed)



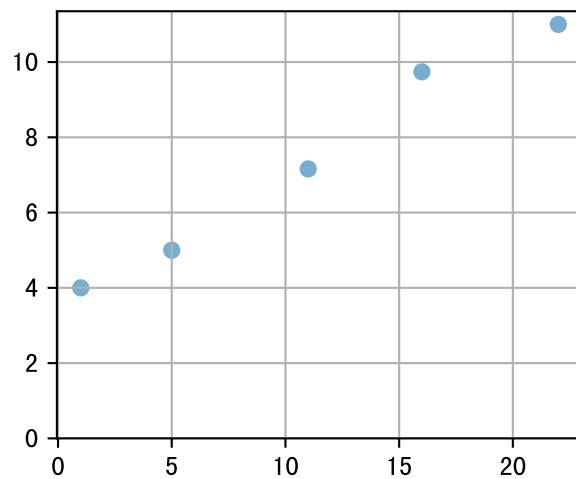
P3-068-4 (fit failed)



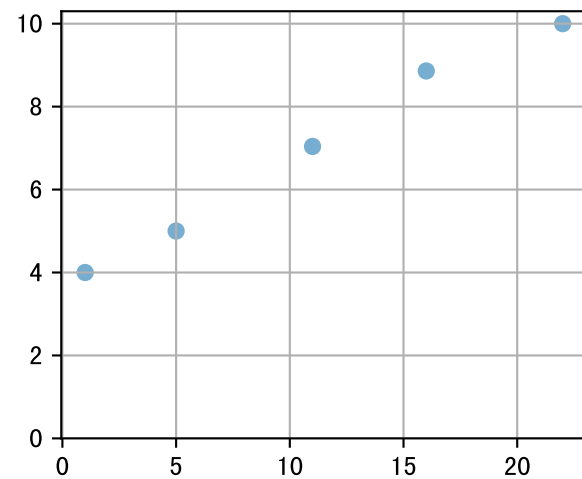
P3-075-19 (fit failed)



P3-084-11 (fit failed)

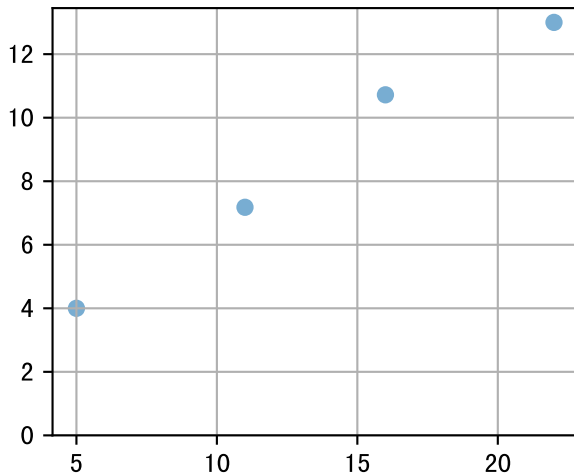


P3-099-4 (fit failed)

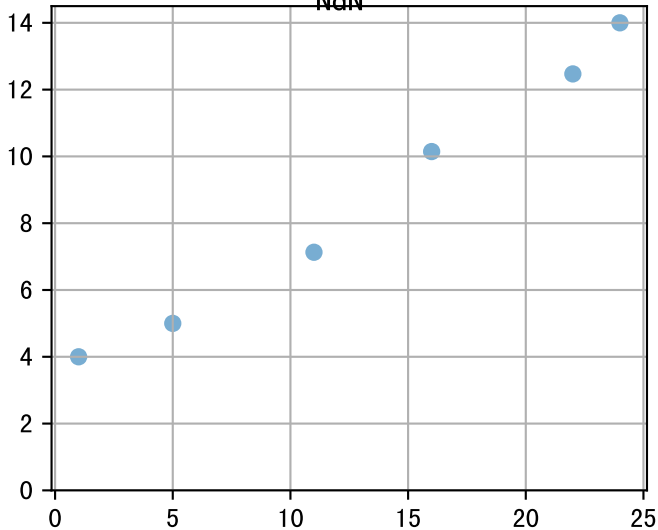


P3-110-23 (fit failed)

NdN



P3avg (fit failed)
NaN



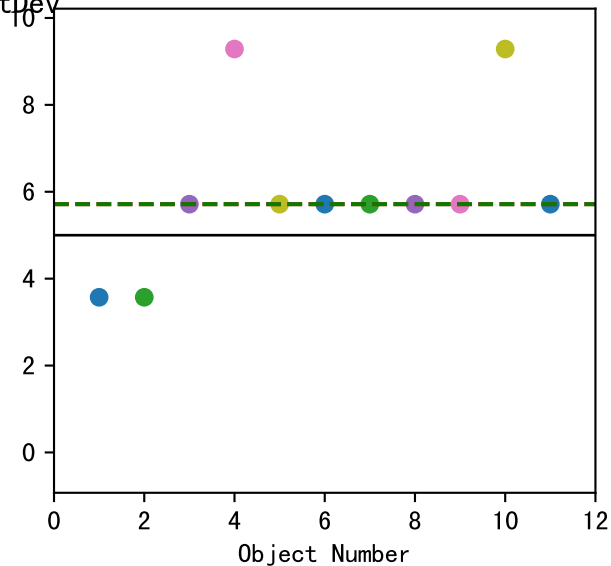
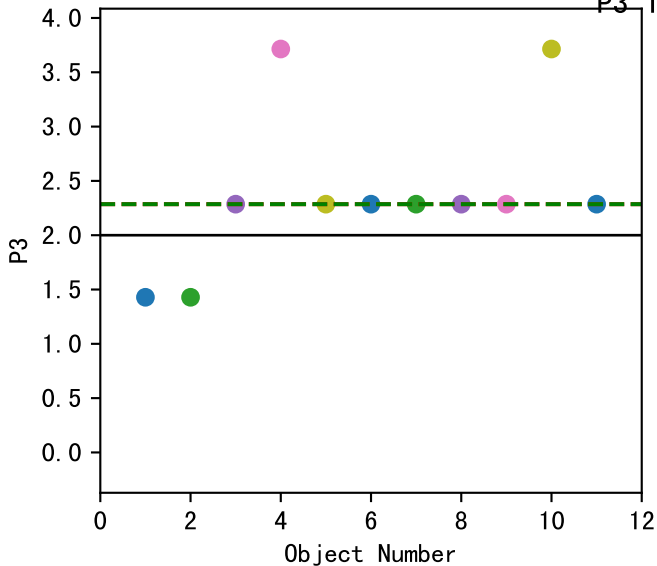
InitDev_dm (Def=2 Set=2.29)

avg1=2.29~0% avg2=2.29

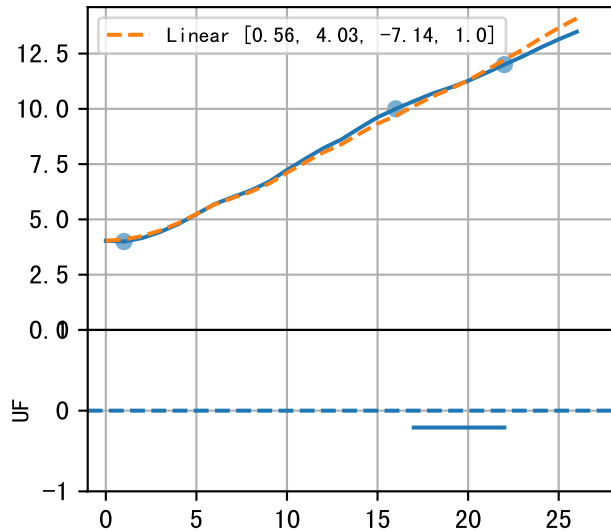
P3 InitDev

InitDev_de (Def=5 Set=5.71)

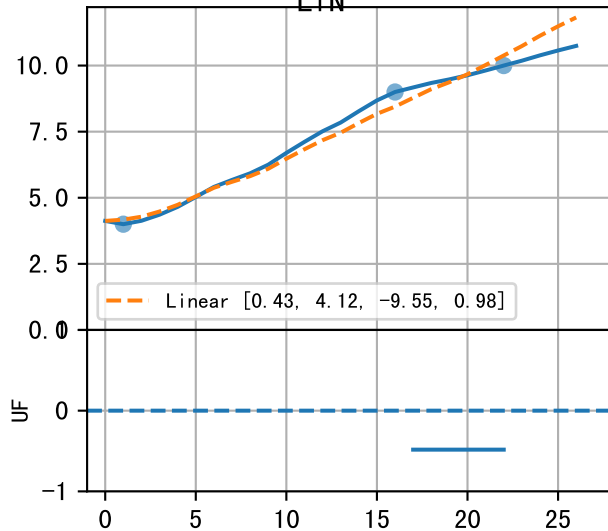
avg1=5.71~0% avg2=5.71



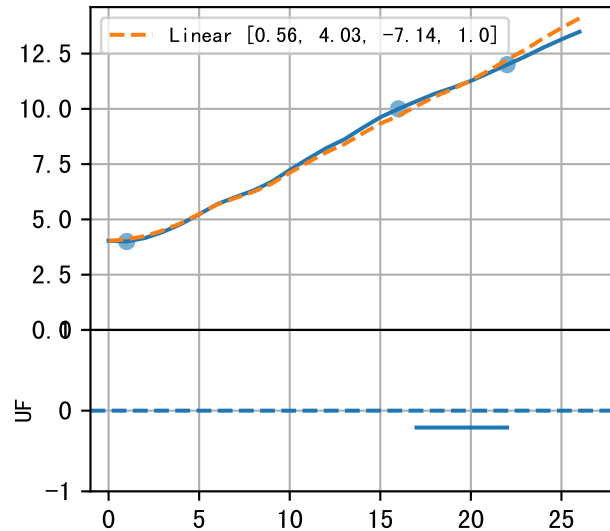
P3-009-13

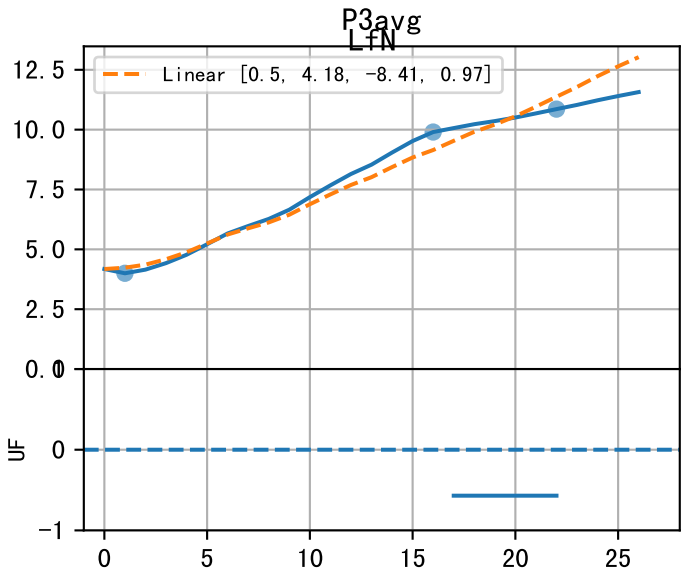


P3-084-11

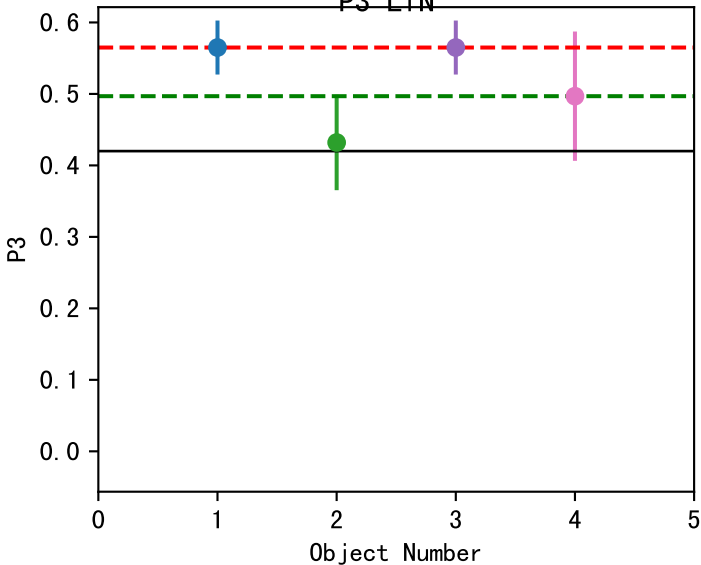


P3-110-23

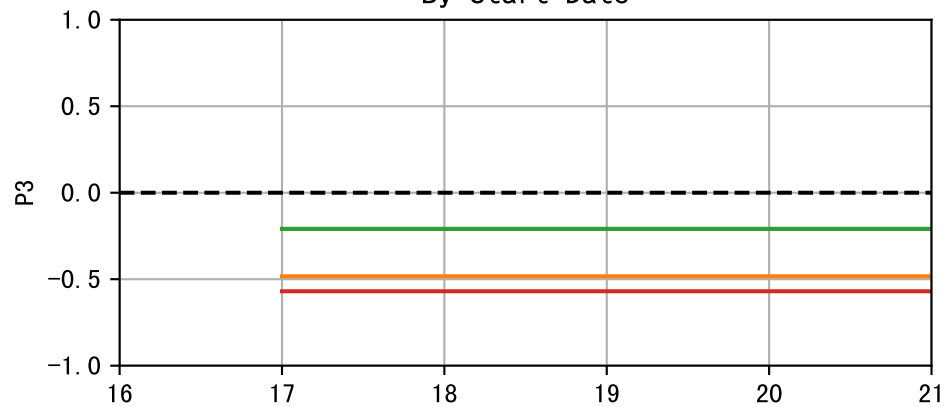




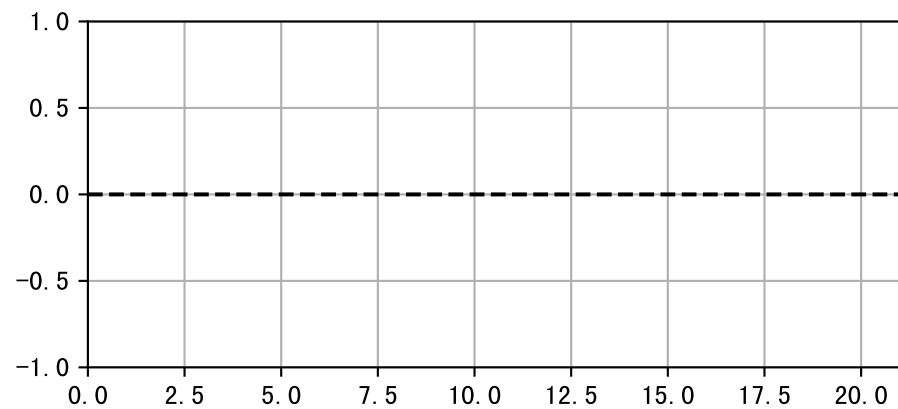
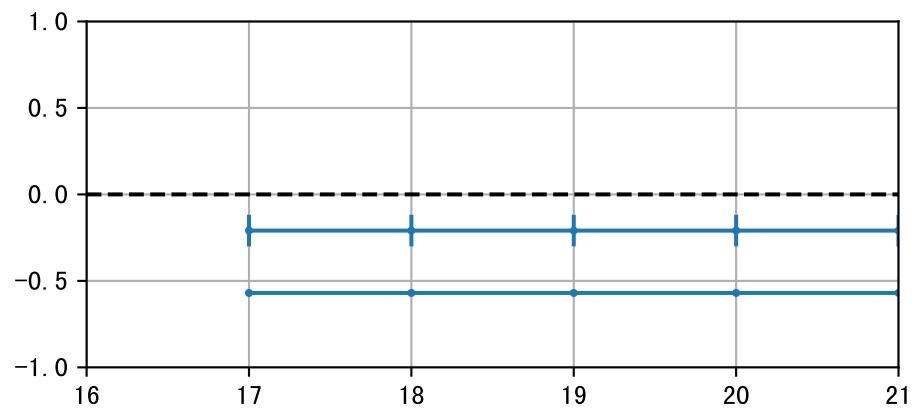
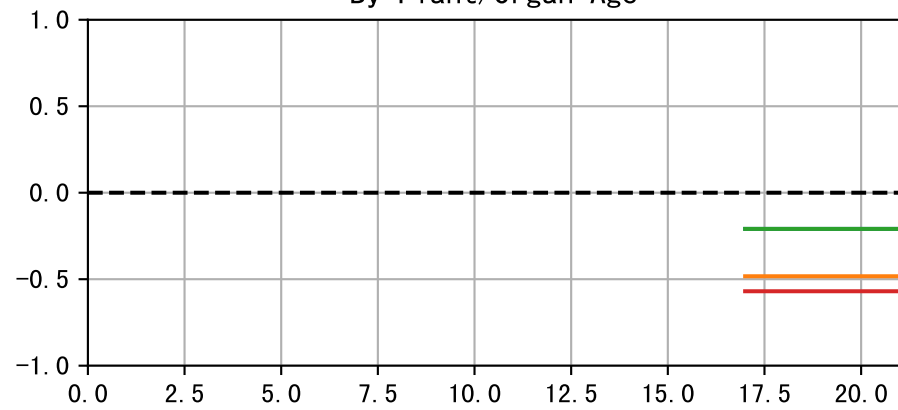
a (Def=0.42 Set=0.5)
avg1=0.56 $\sim$ 14% avg2=0.5 $\sim$ 55%
P3 LfN



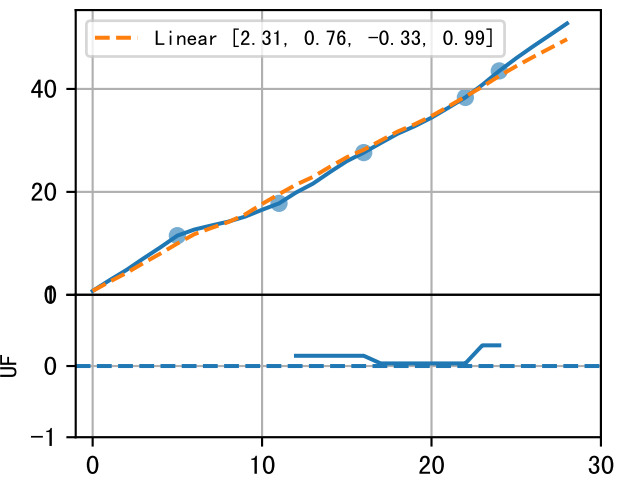
By Start Date



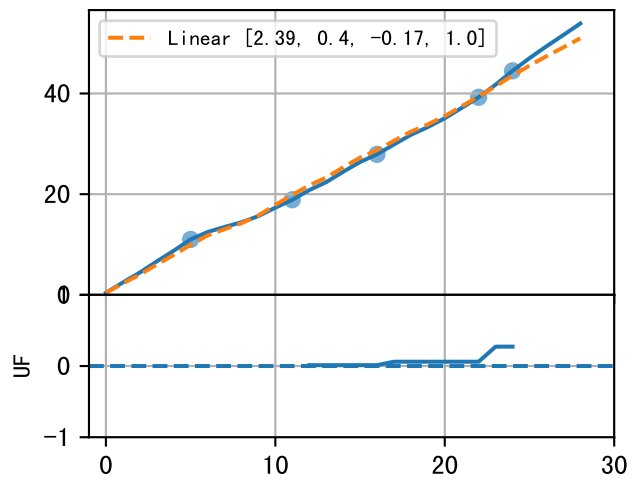
By Plant/Organ Age



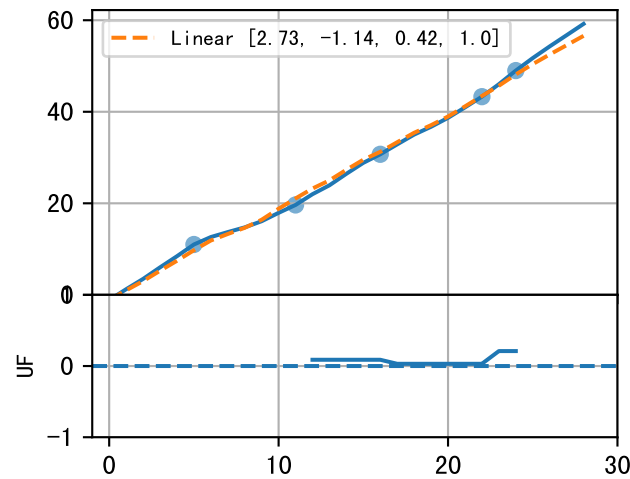
P3-009-13



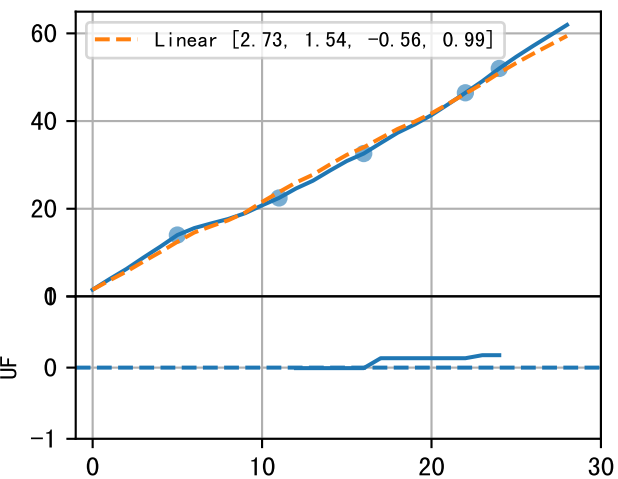
P3-021-19



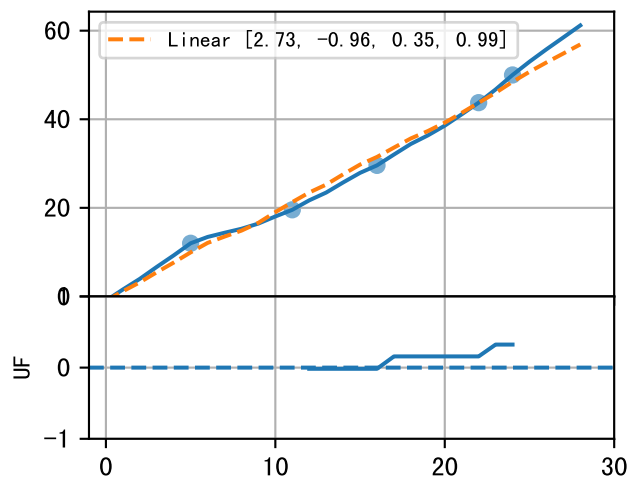
P3-034-5



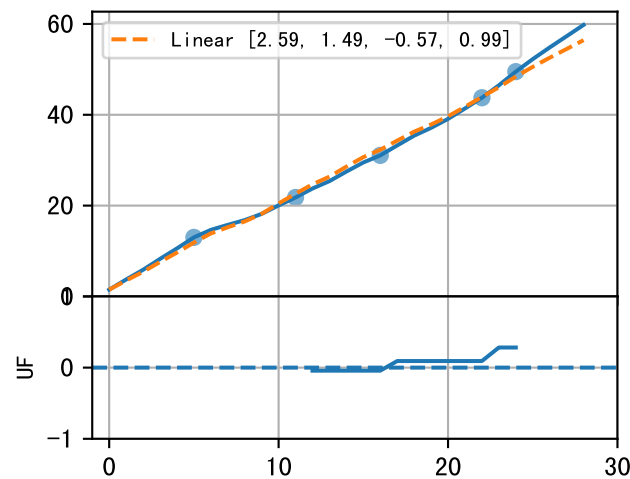
P3-045-17



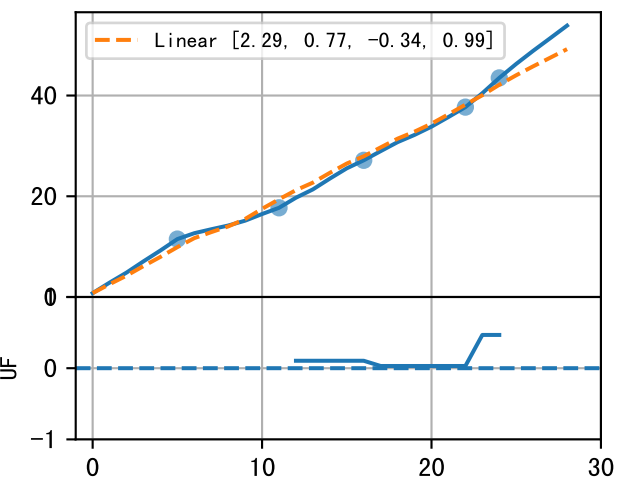
P3-054-28



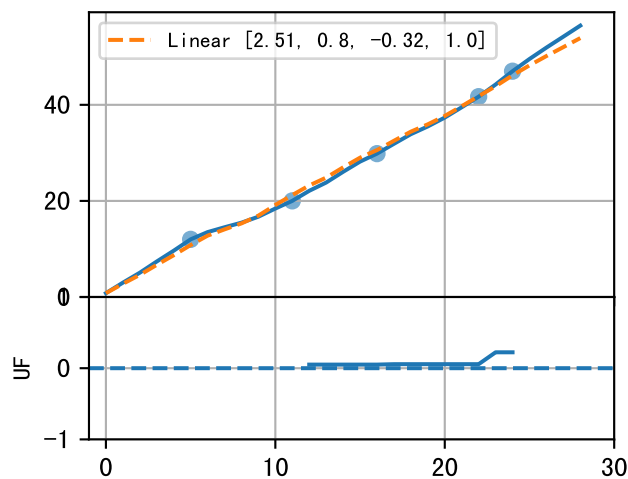
P3-068-4



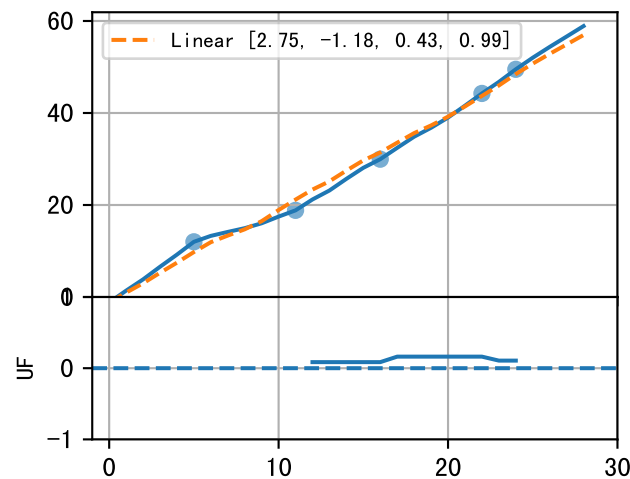
P3-075-19



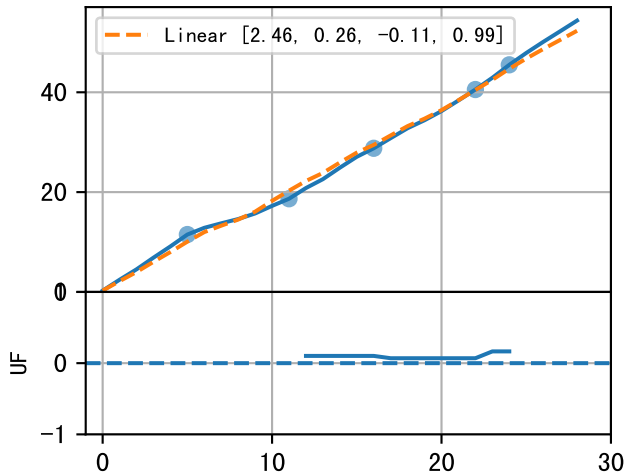
P3-084-11



P3-099-4

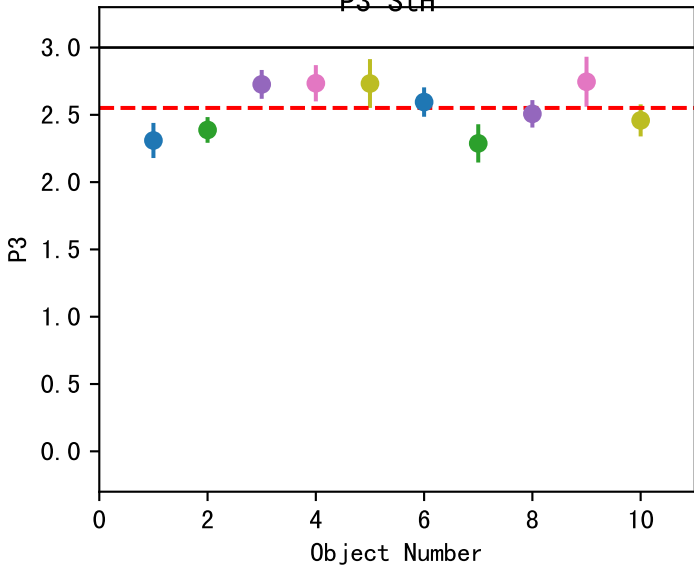


P3-110-23



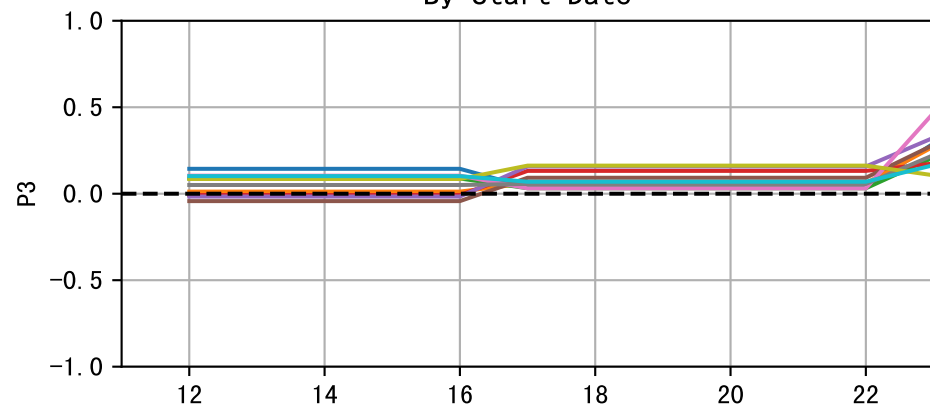
a (Def=3 Set=2.55)
avg1=2.55^{~7%} avg2=na

P3 StH

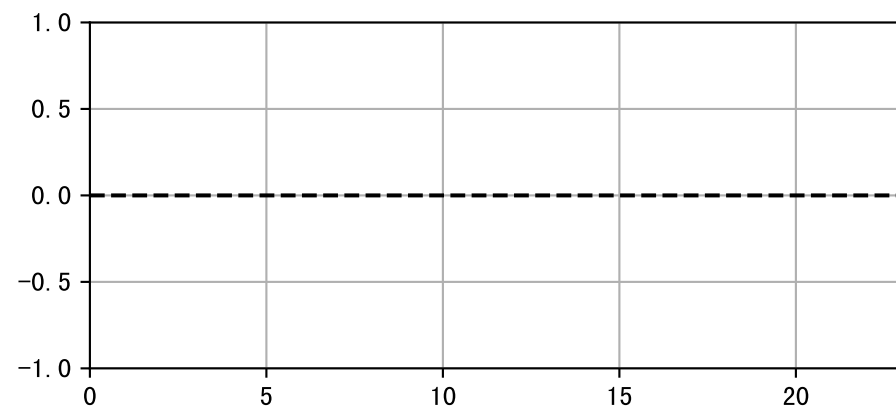
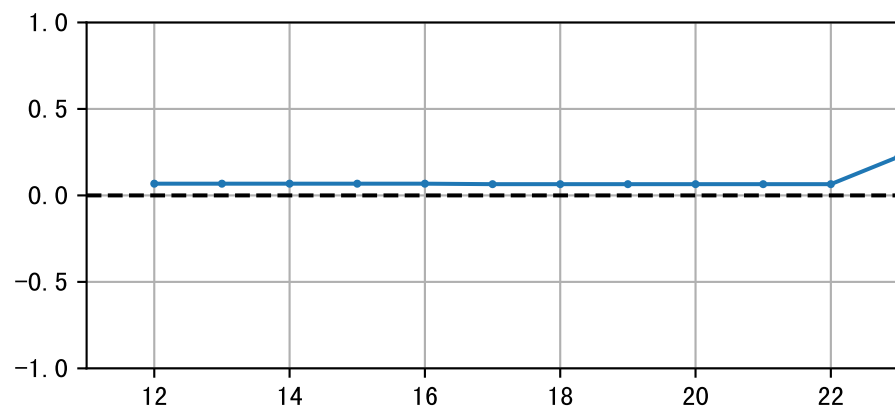
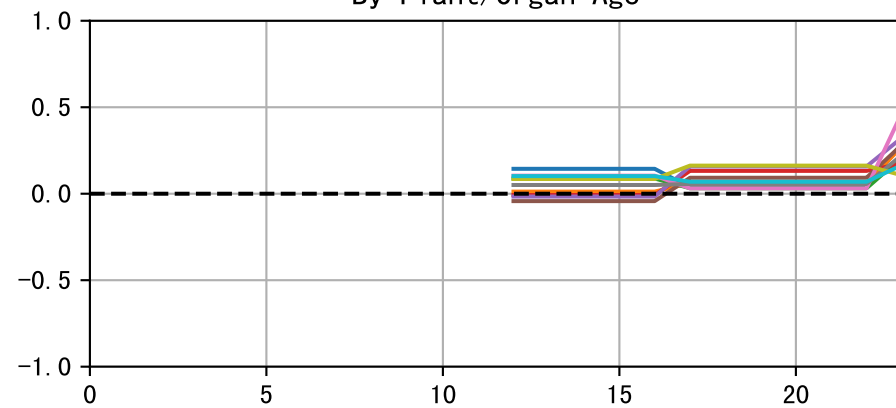


StH

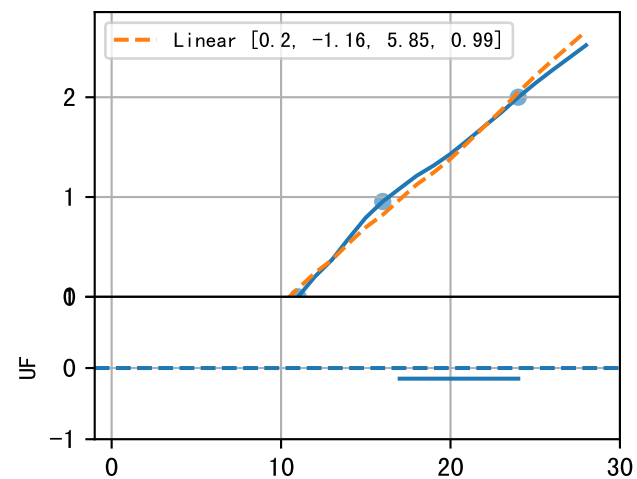
By Start Date



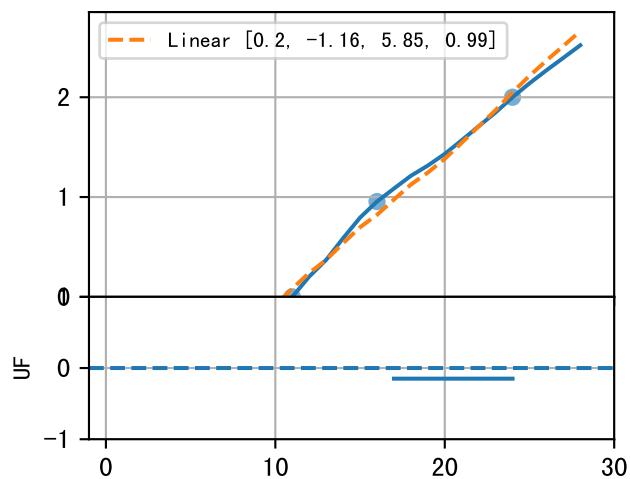
By Plant/Organ Age



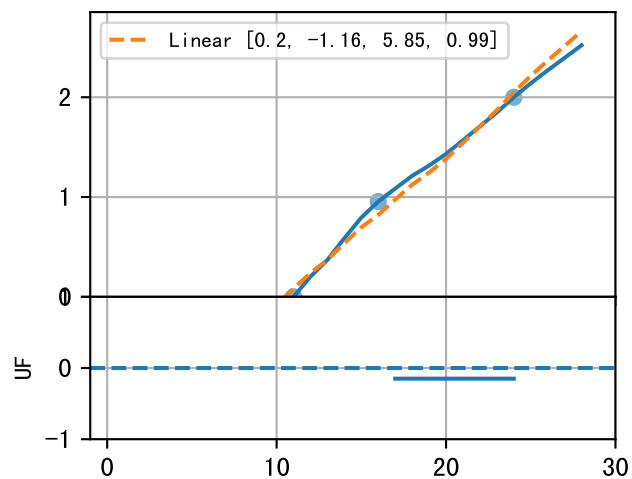
P3-009-13



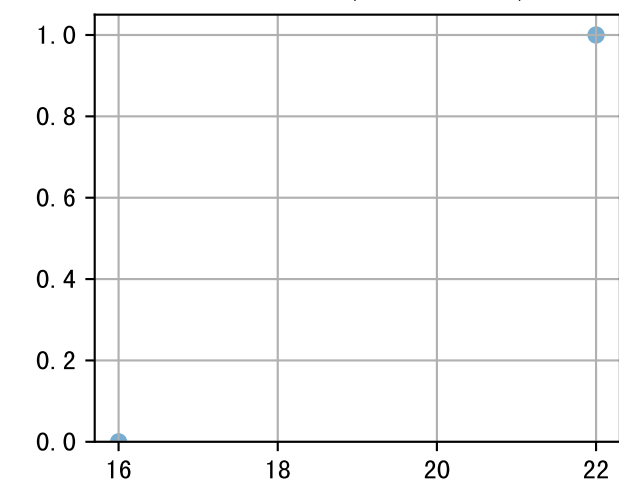
P3-021-19



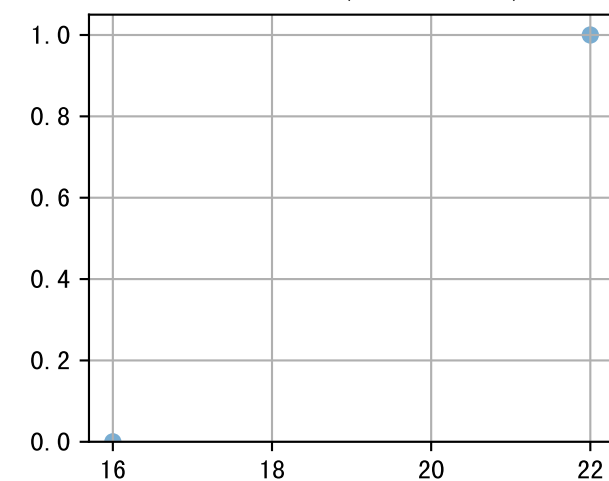
P3-034-5



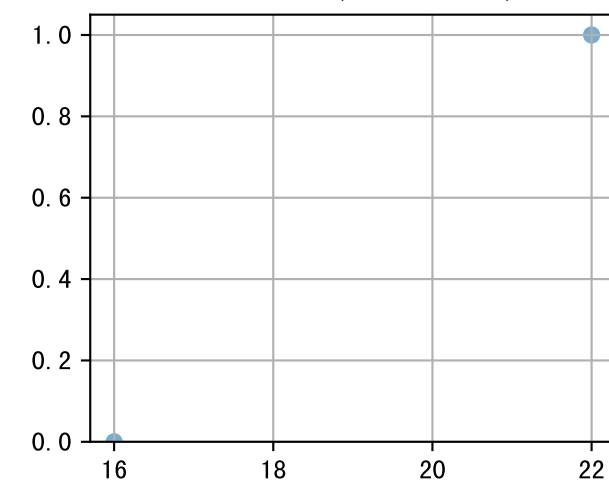
P3-045-17 (fit failed)



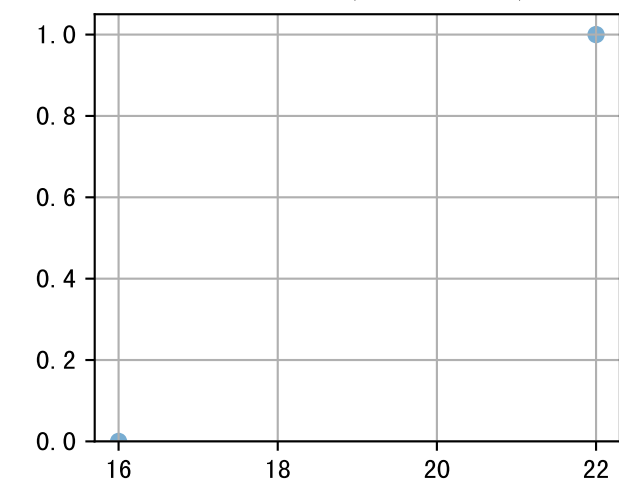
P3-054-28 (fit failed)



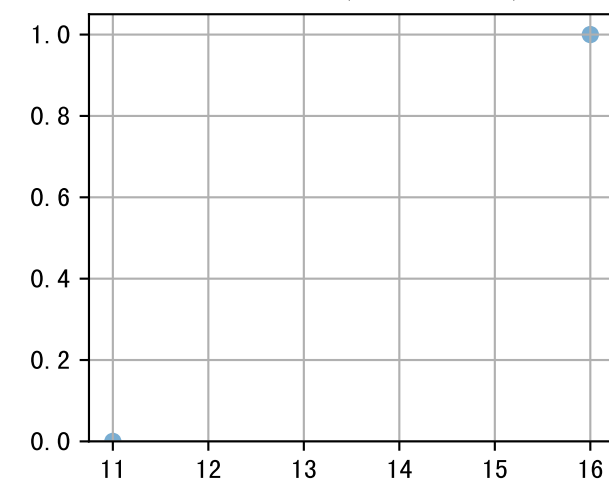
P3-068-4 (fit failed)



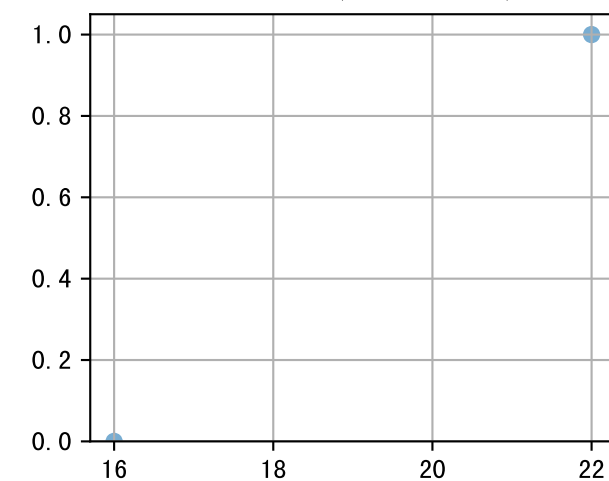
P3-075-19 (fit failed)



P3-084-11 (fit failed)

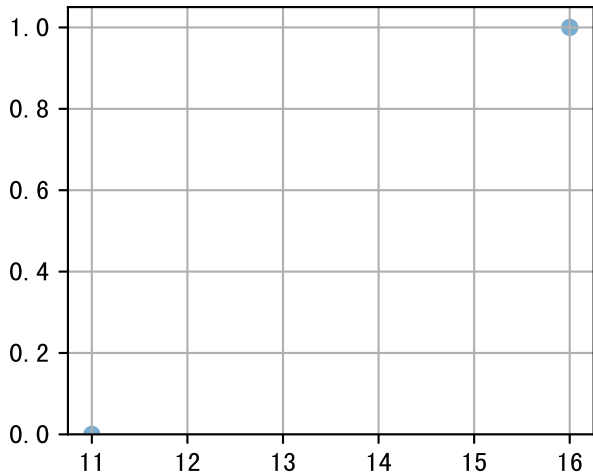


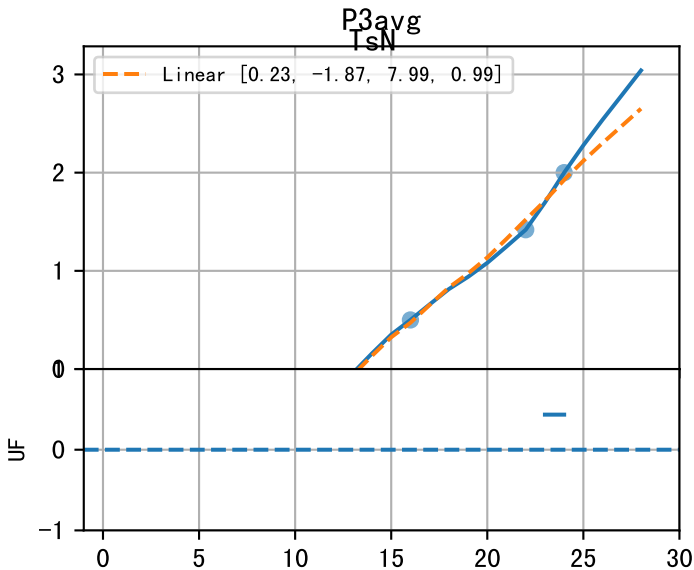
P3-099-4 (fit failed)

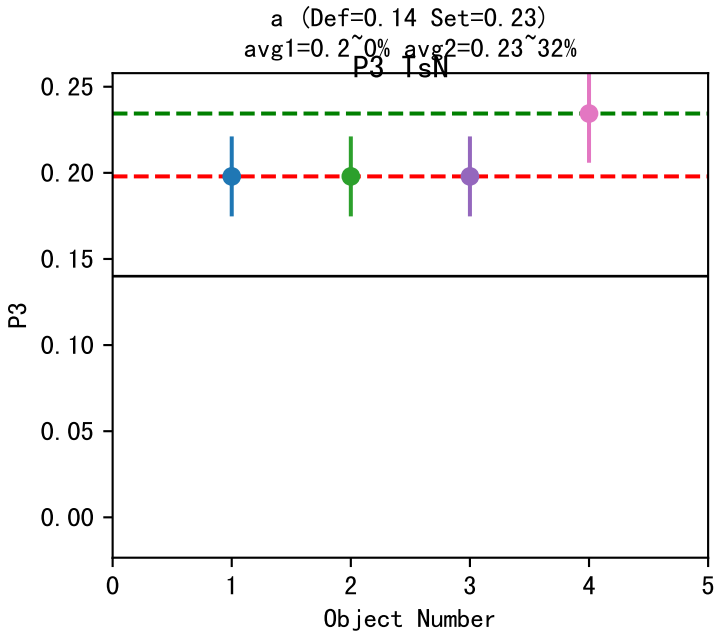


P3-110-23 (fit failed)

TsN

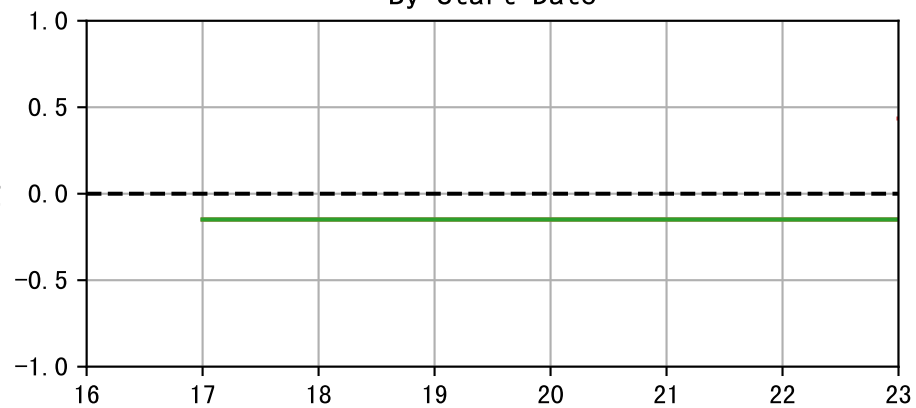




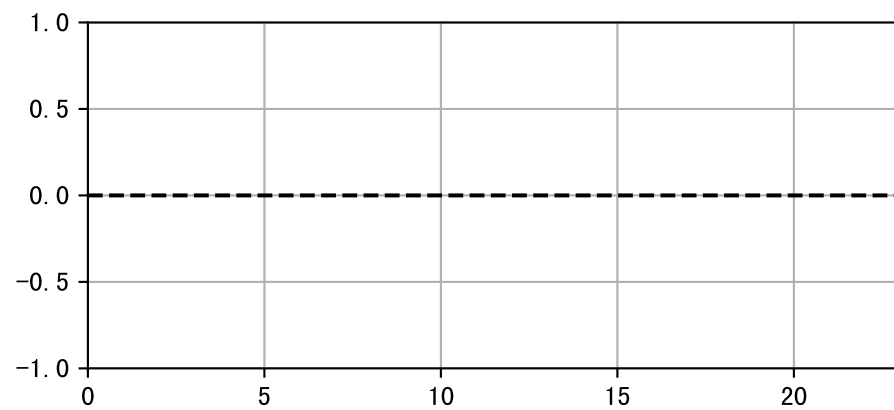
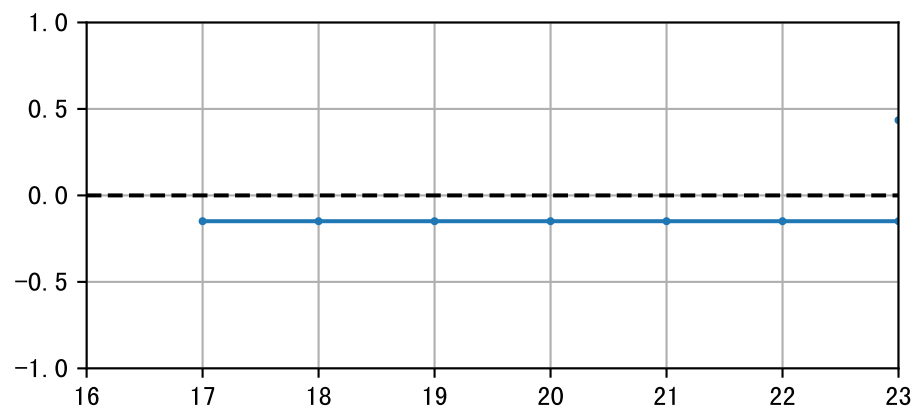
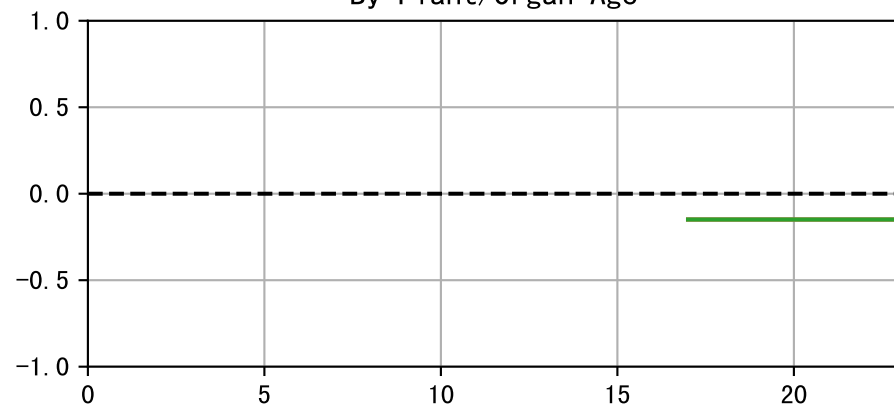


TsN

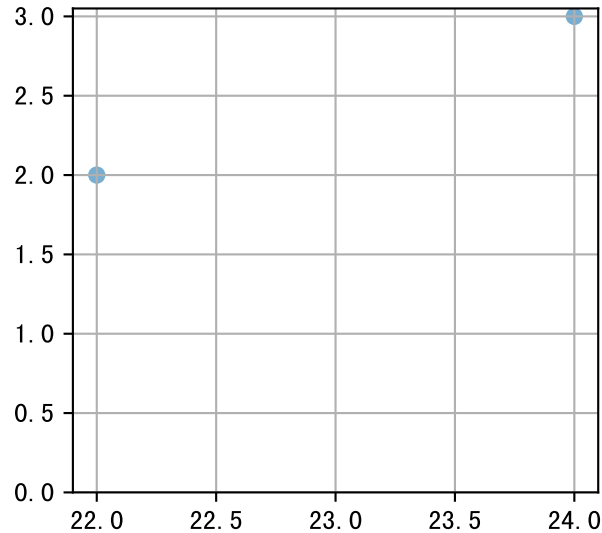
By Start Date



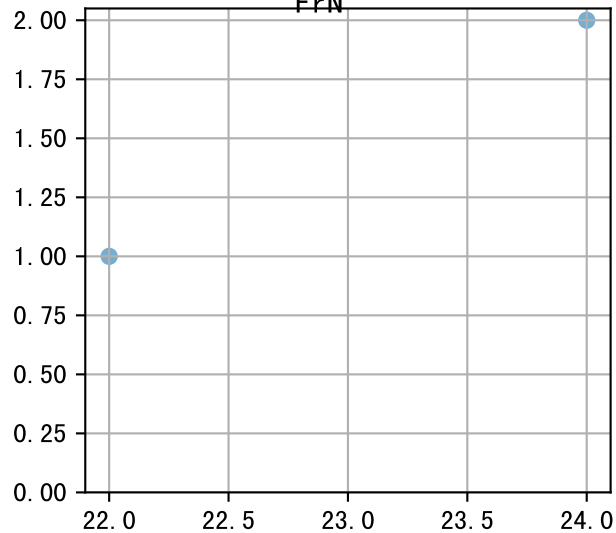
By Plant/Organ Age



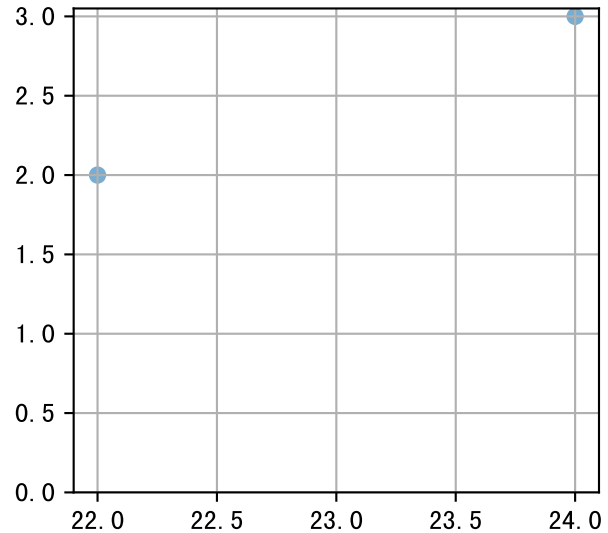
P3-009-13T1 (fit failed)



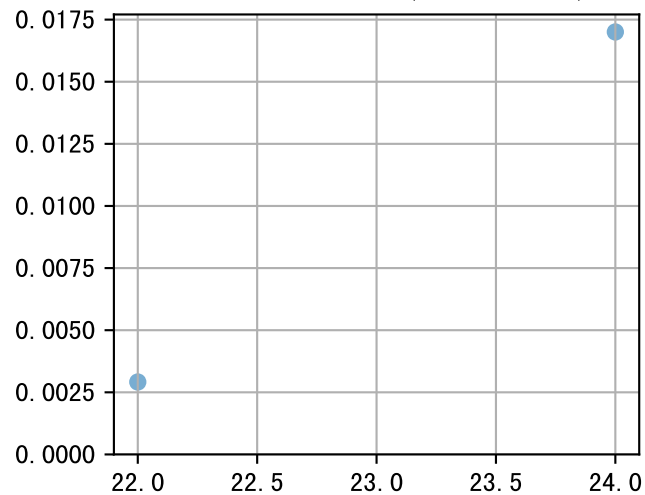
P3-021-19T1 (fit failed)



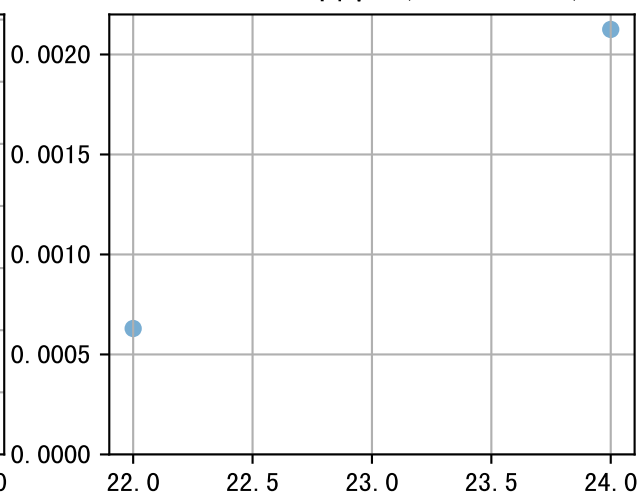
P3-034-5T1 (fit failed)



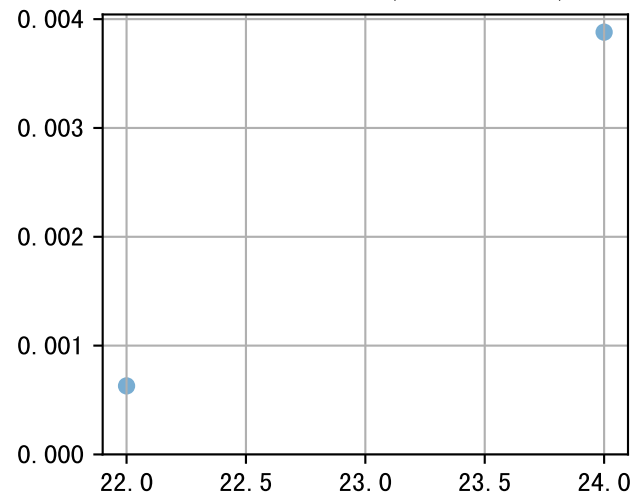
P3-009-13T1Fr1 (fit failed)



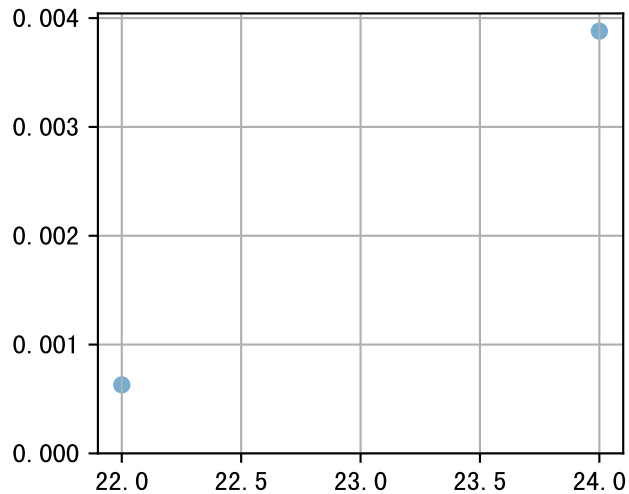
P3-021-19T1Fr1 (fit failed)



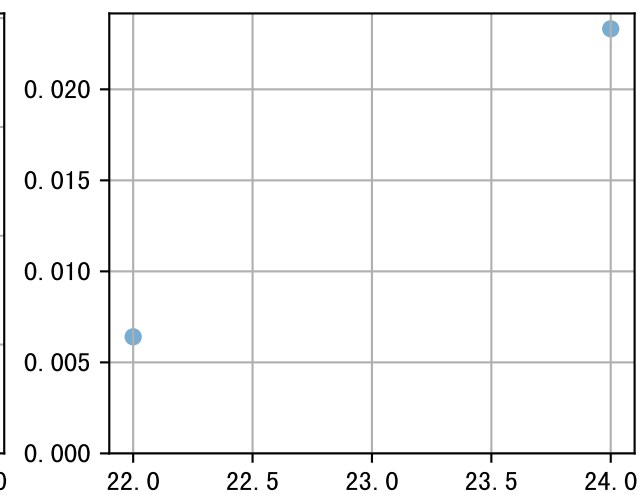
P3-034-5T1Fr1 (fit failed)



P3-084-11T1Fr1 (fit failed)

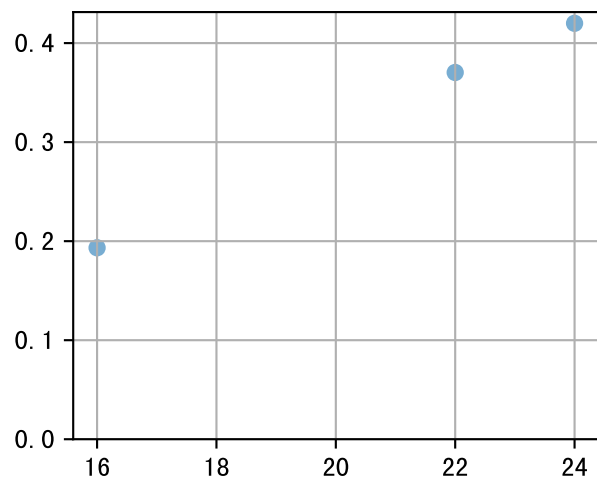


P3-110-23T1Fr1 (fit failed)

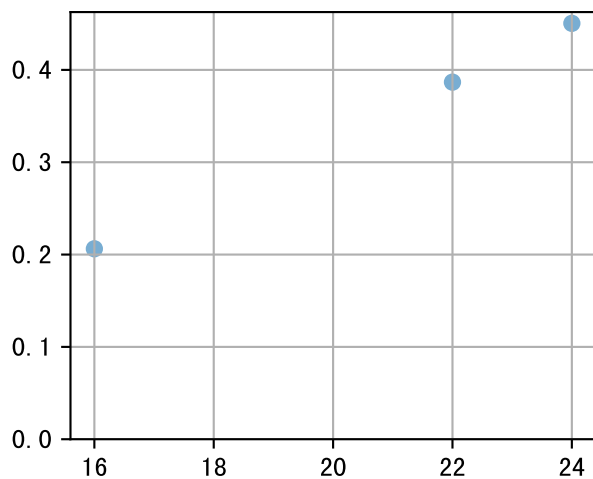


χ^2_A

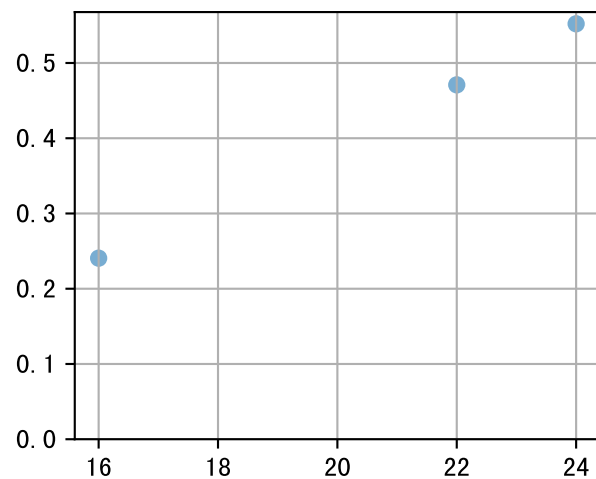
P3-009-13L7 (fit failed)



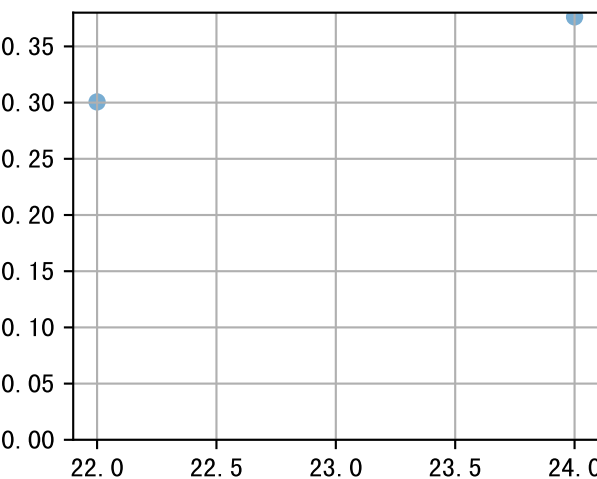
P3-021-19L6 (fit failed)



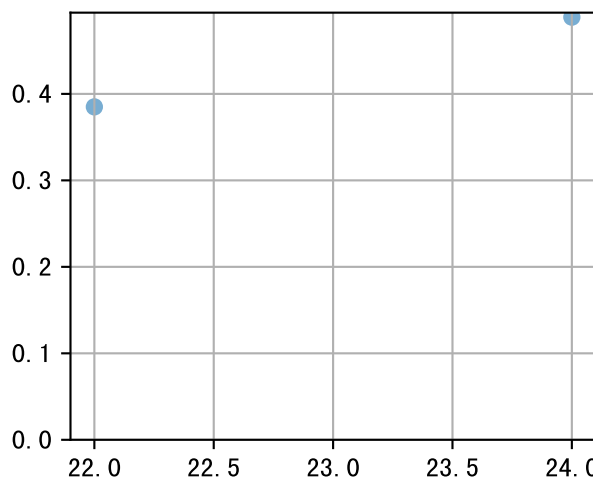
P3-034-5L6 (fit failed)



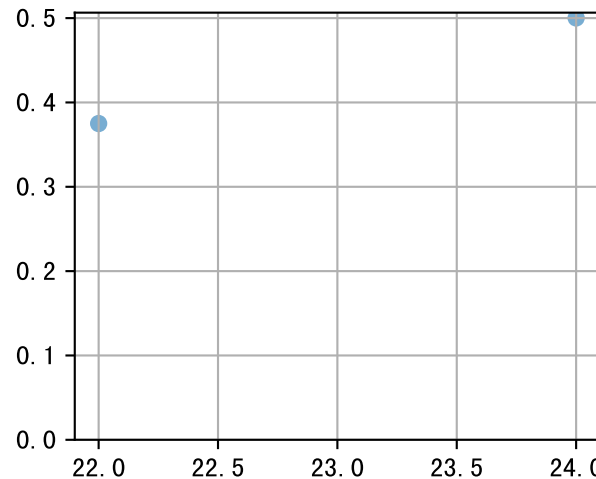
P3-045-17L6 (fit failed)



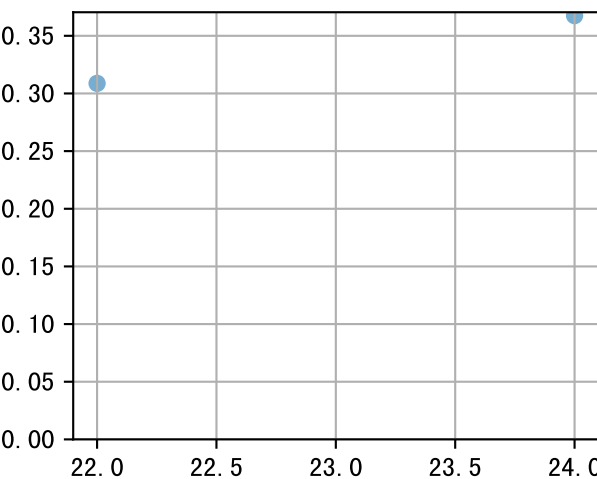
P3-054-28L7 (fit failed)



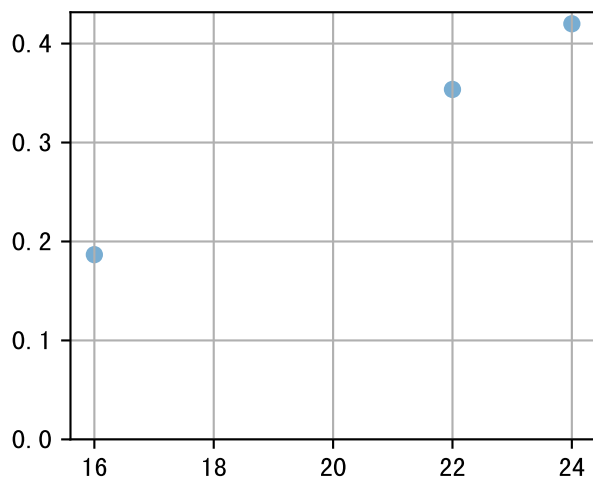
P3-068-4L7 (fit failed)



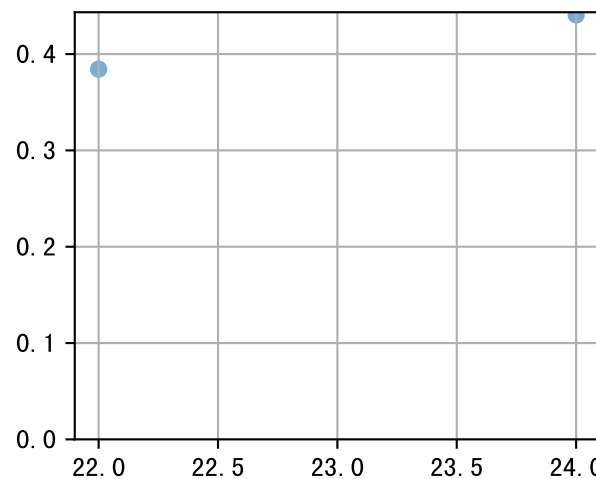
P3-075-19L6 (fit failed)



P3-084-11L6 (fit failed)

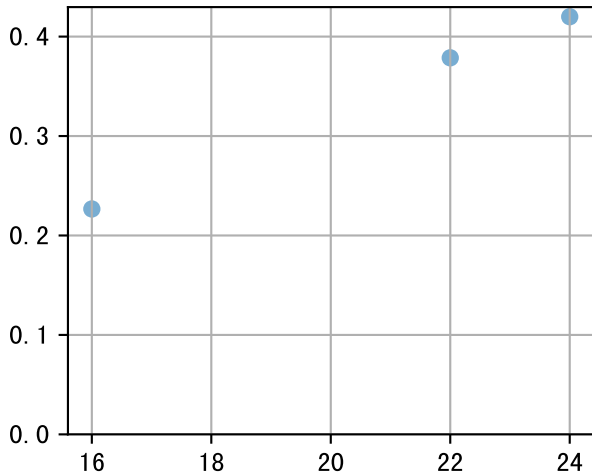


P3-099-4L6 (fit failed)

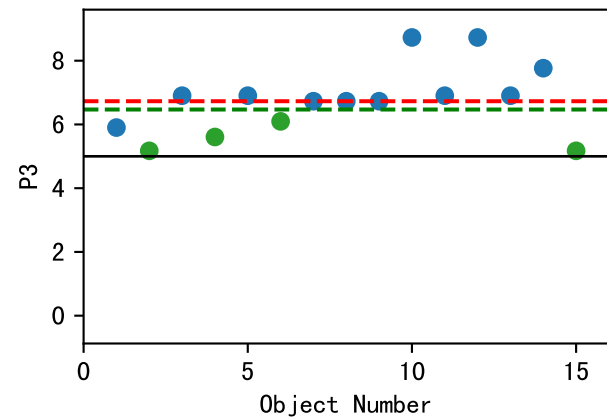


P3-110-23L6 (fit failed)

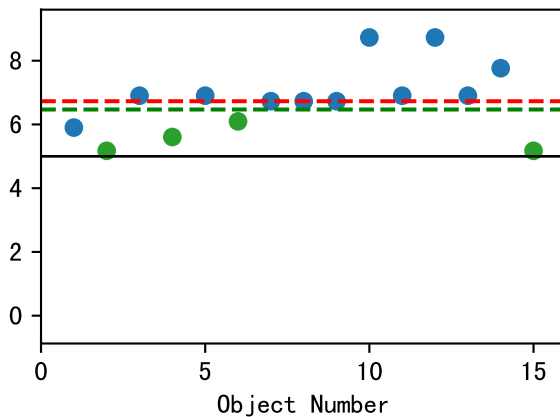
LfA



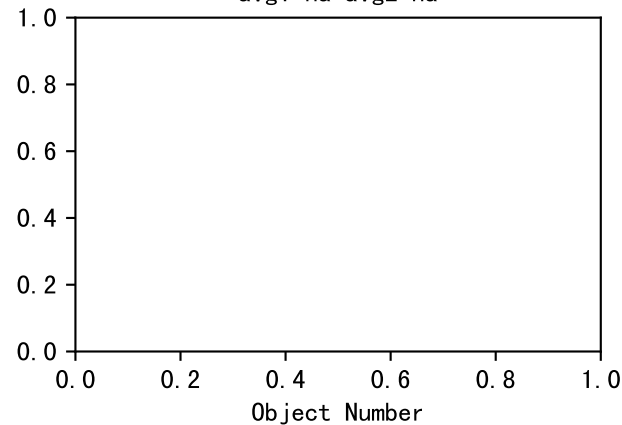
FI_dm (Def=5 Set=6.73)
avg1=6.73~9% avg2=6.47~28%



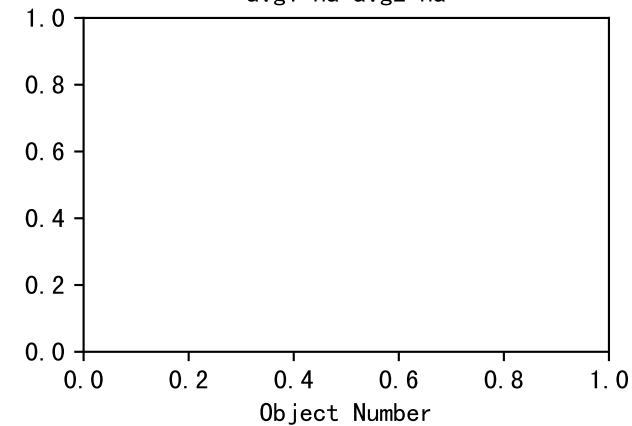
FI_de (Def=5 Set=6.73)
avg1=6.73~9% avg2=6.47~28%



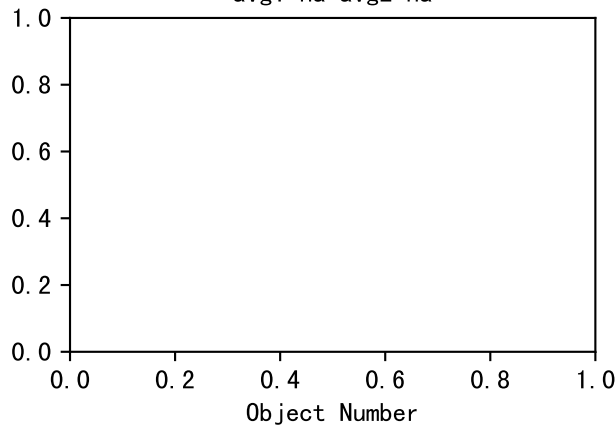
FrV_dm (Def=18 Set=18)
avg1=na avg2=na



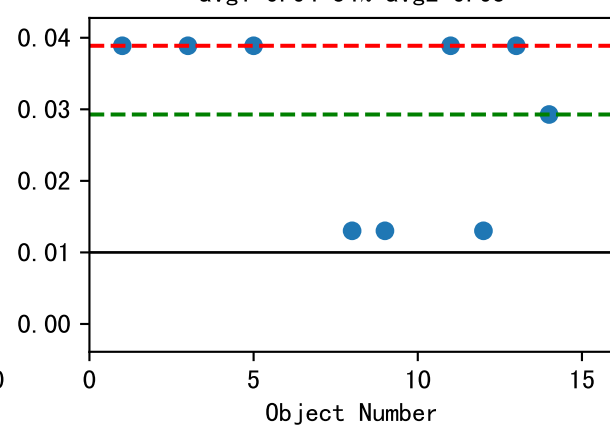
FrV_de (Def=15 Set=15)
avg1=na avg2=na



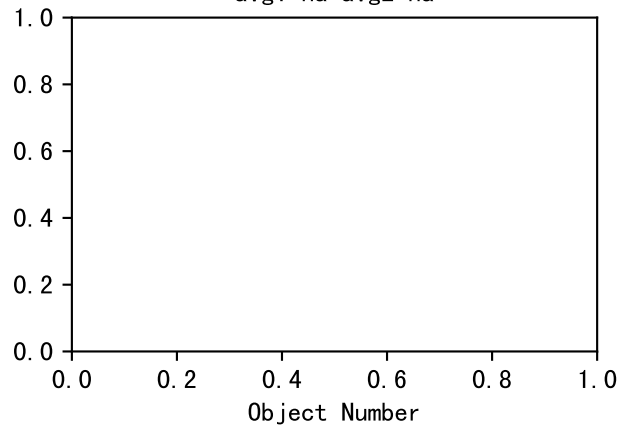
FrN_a (Def=0.45 Set=0.45)
avg1=na avg2=na



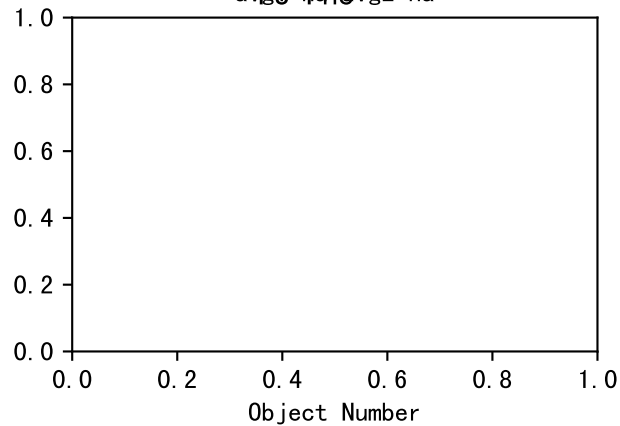
FSDdevStage (Def=0.01 Set=0.04)
avg1=0.04~34% avg2=0.03



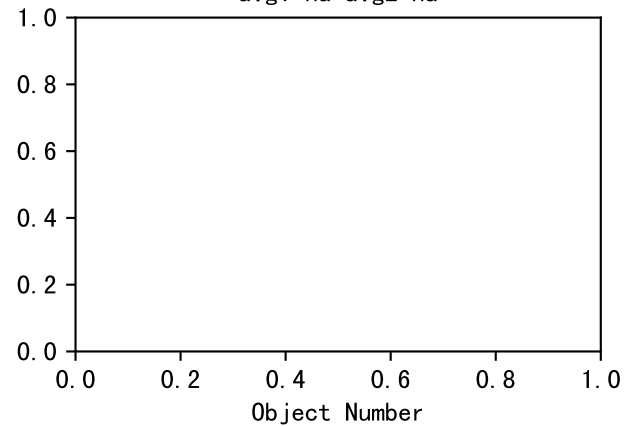
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



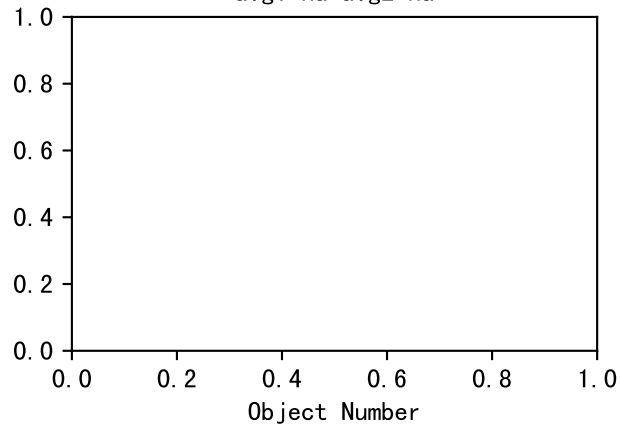
FMBDDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



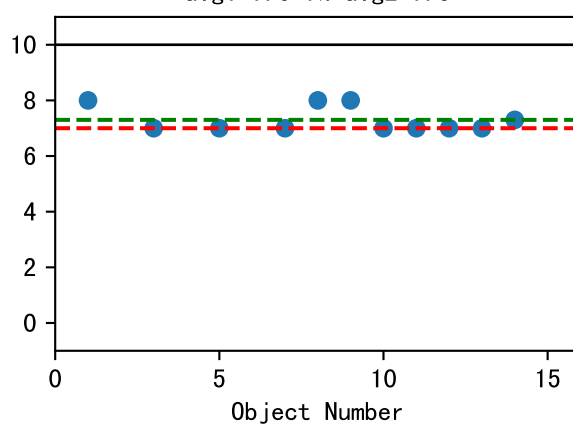
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

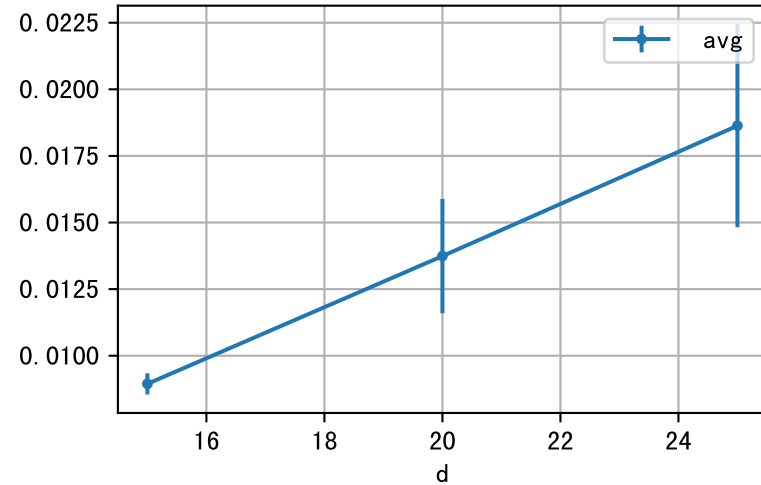


NNgen (Def=10 Set=7)
avg1=7.0~7% avg2=7.3

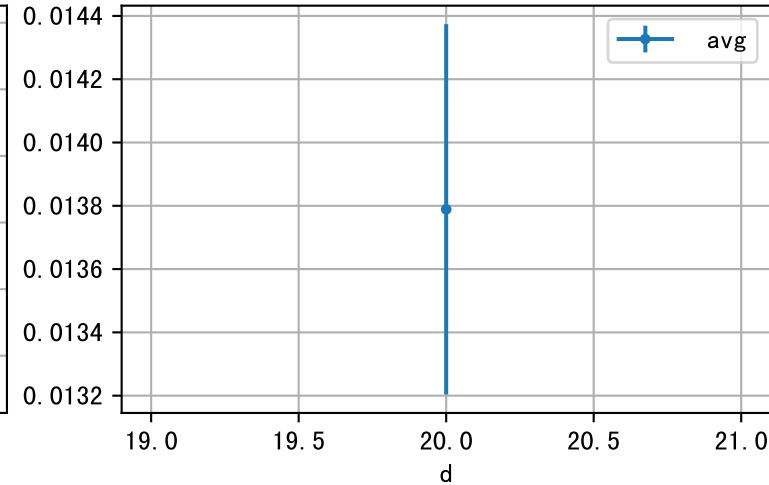


LfA: avg vs. d at each age group

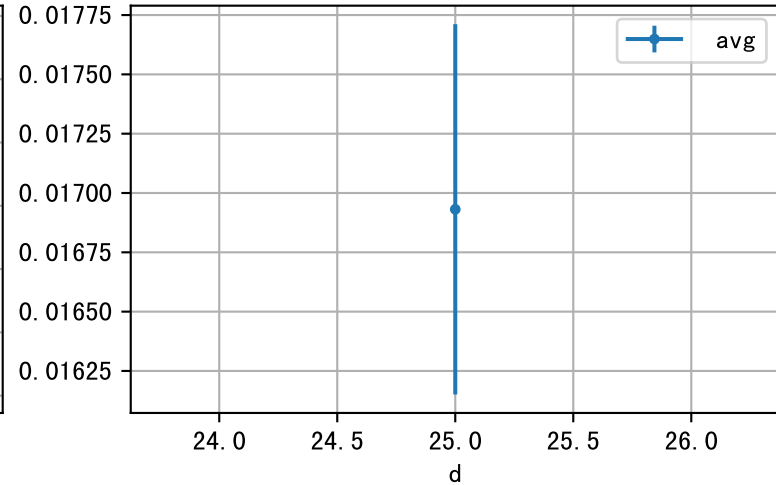
age=20



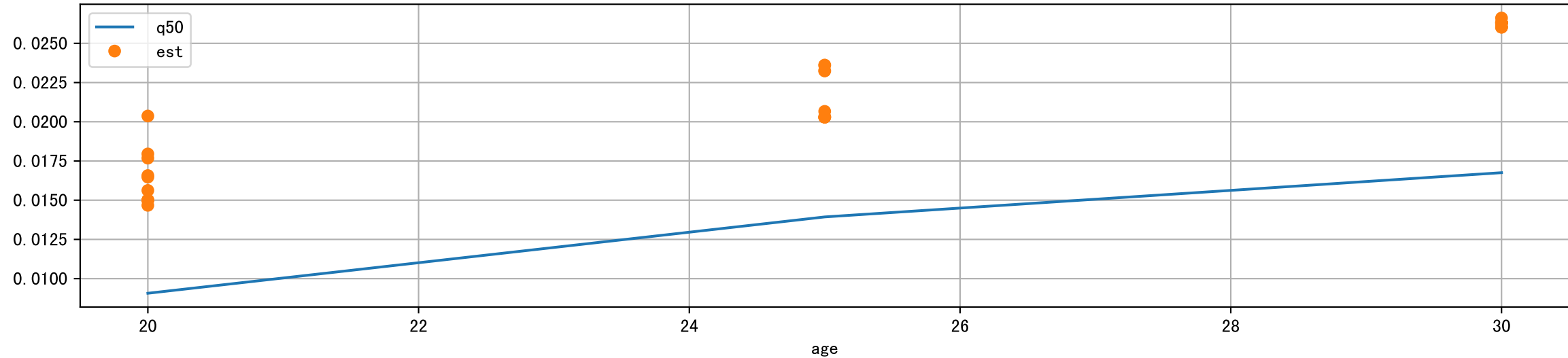
age=25



age=30

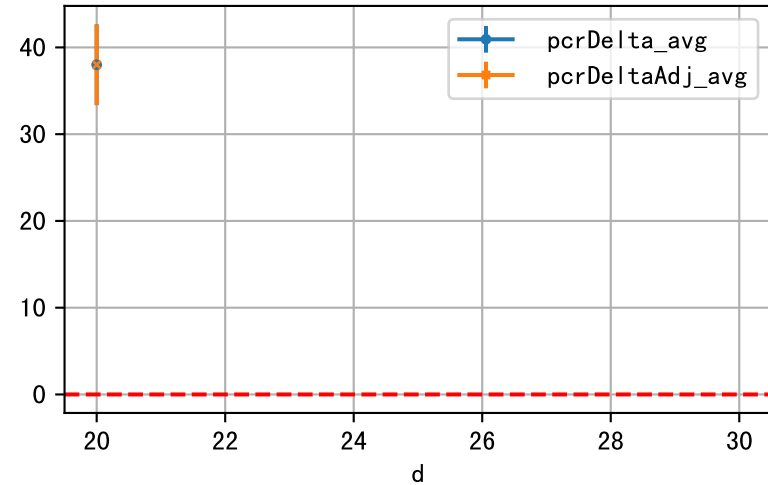


LfA: model est vs obs0v@Q50

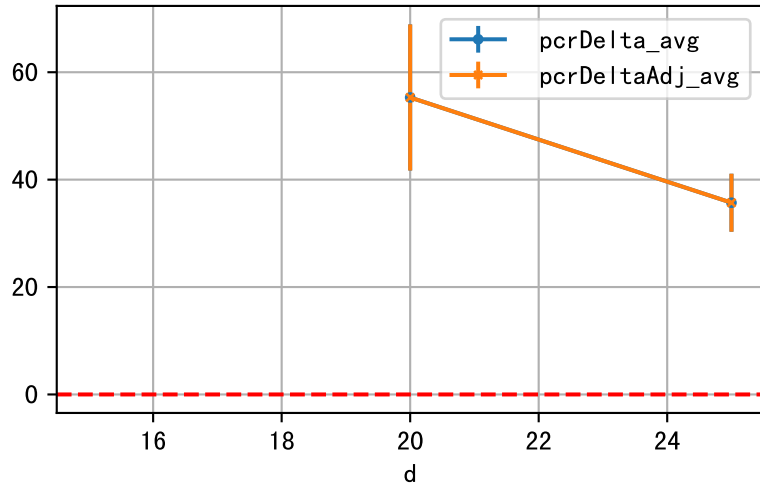


P3 LfA: D_5d_LfA

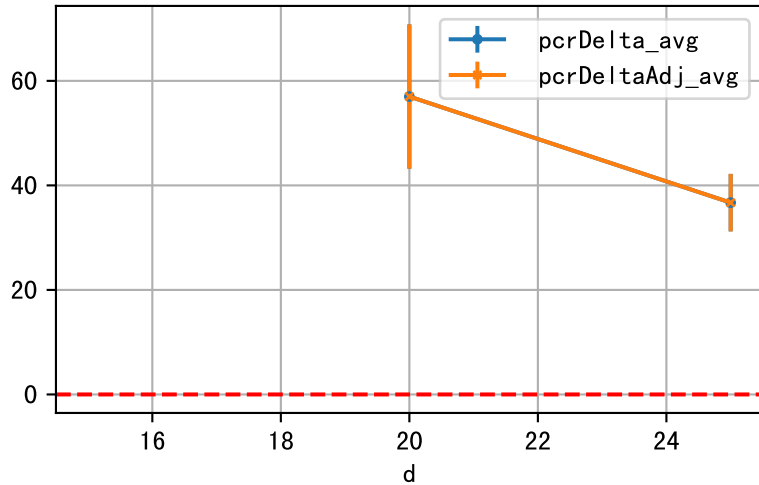
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

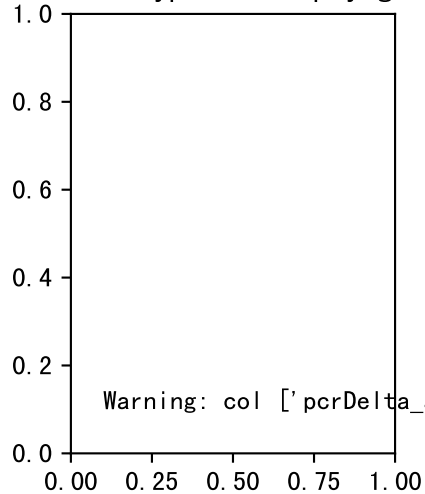


DeltaTypeAbbr=WeiAvgByD

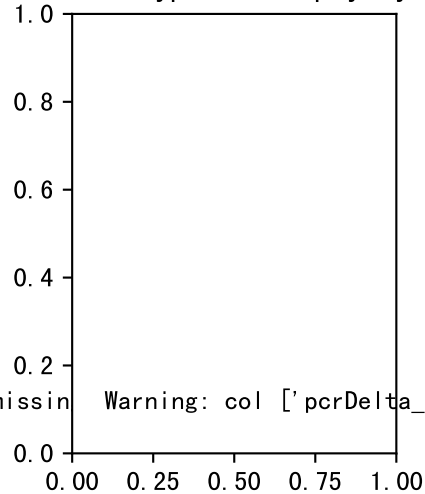


P3 LfA: D_15d_LfA

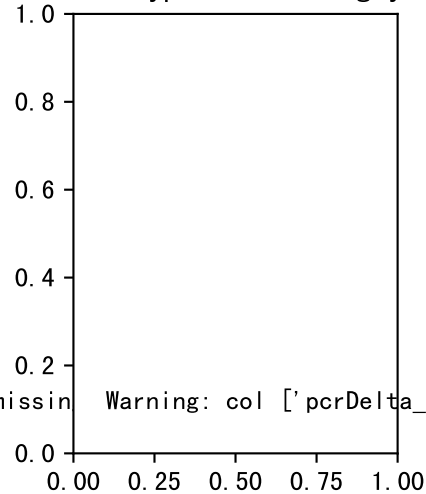
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

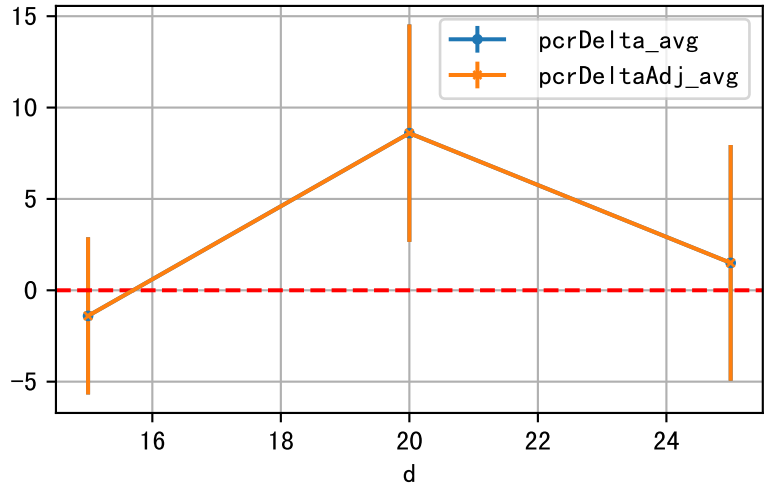
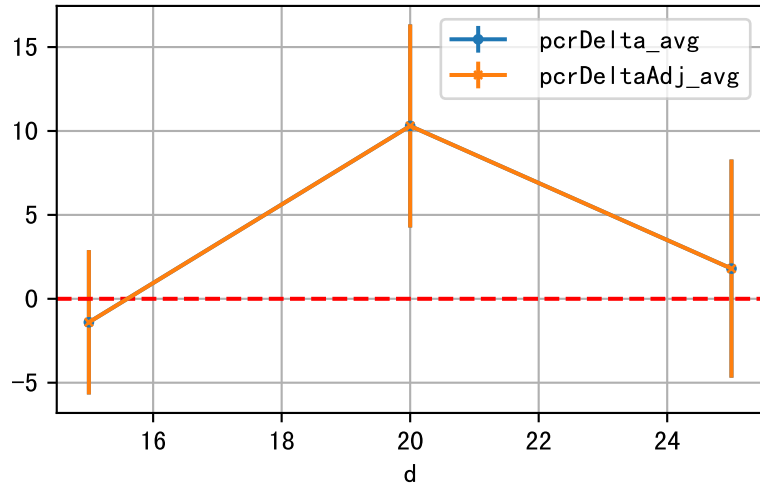
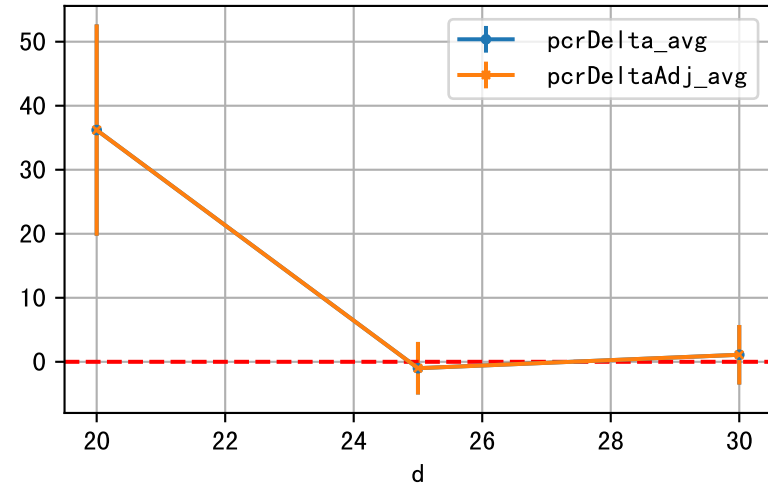


P3 LfA: D_Q50_LfA

DeltaTypeAbbr=GrpByAge

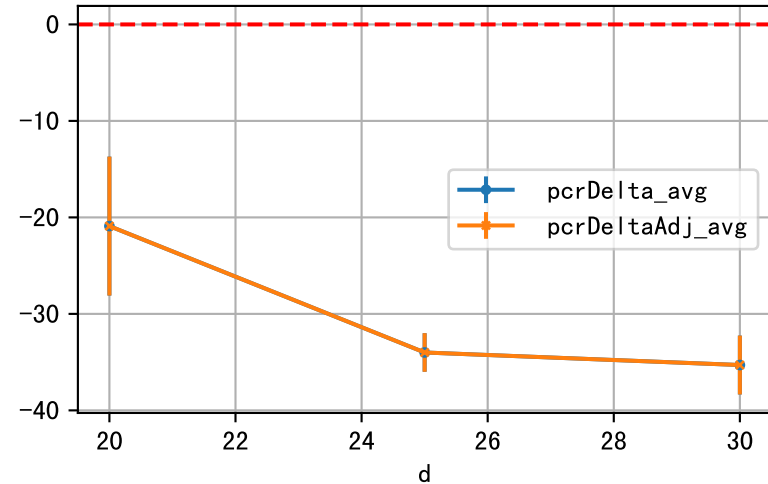
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

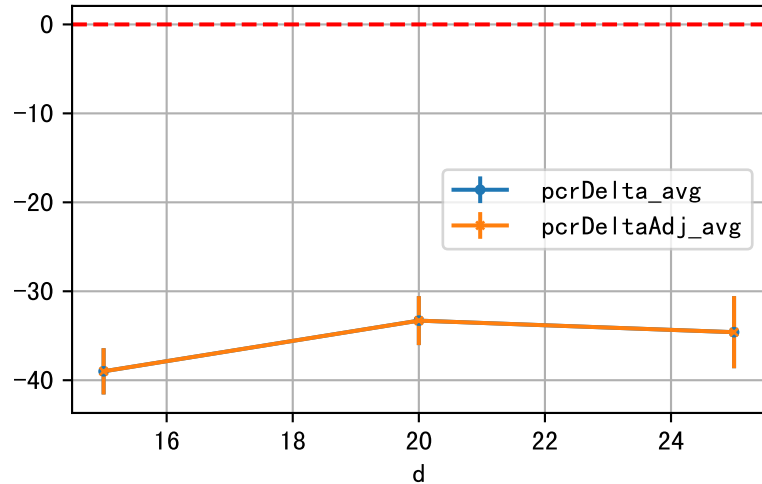


P3 LfA: D_Est_LfA

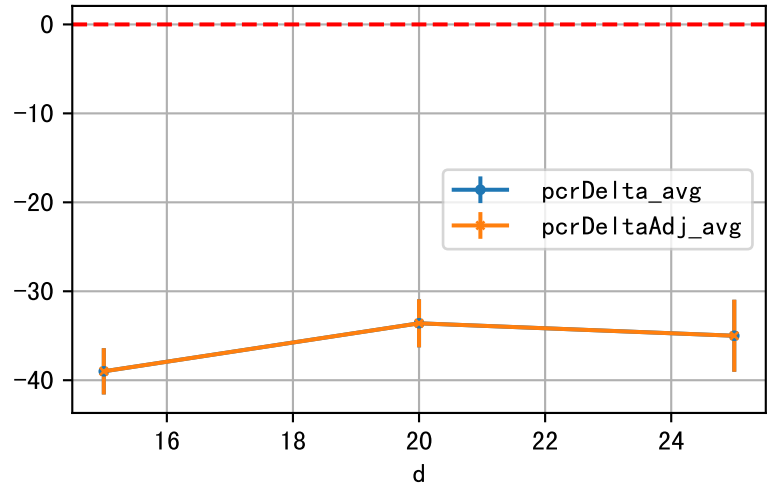
DeltaTypeAbbr=GrpByAge



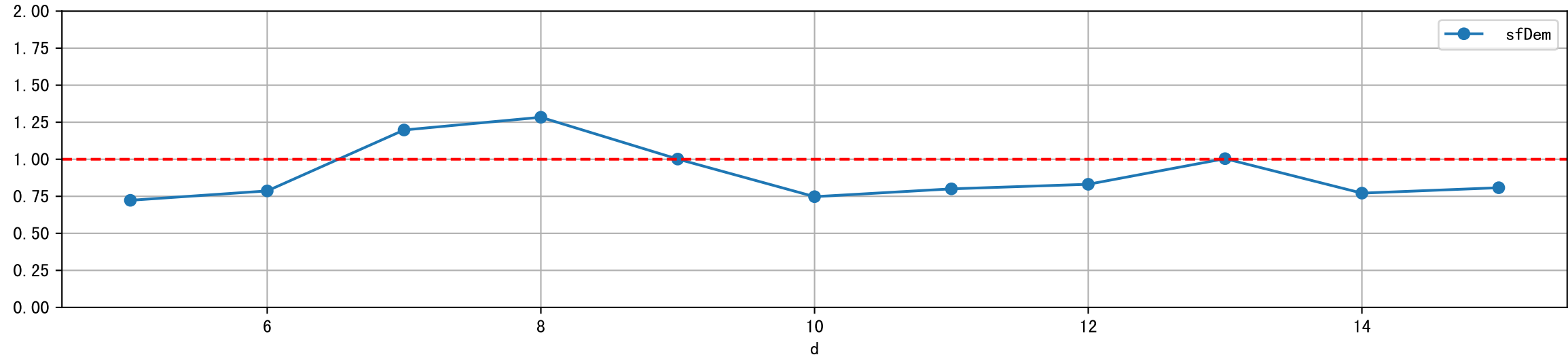
DeltaTypeAbbr=GrpByDay

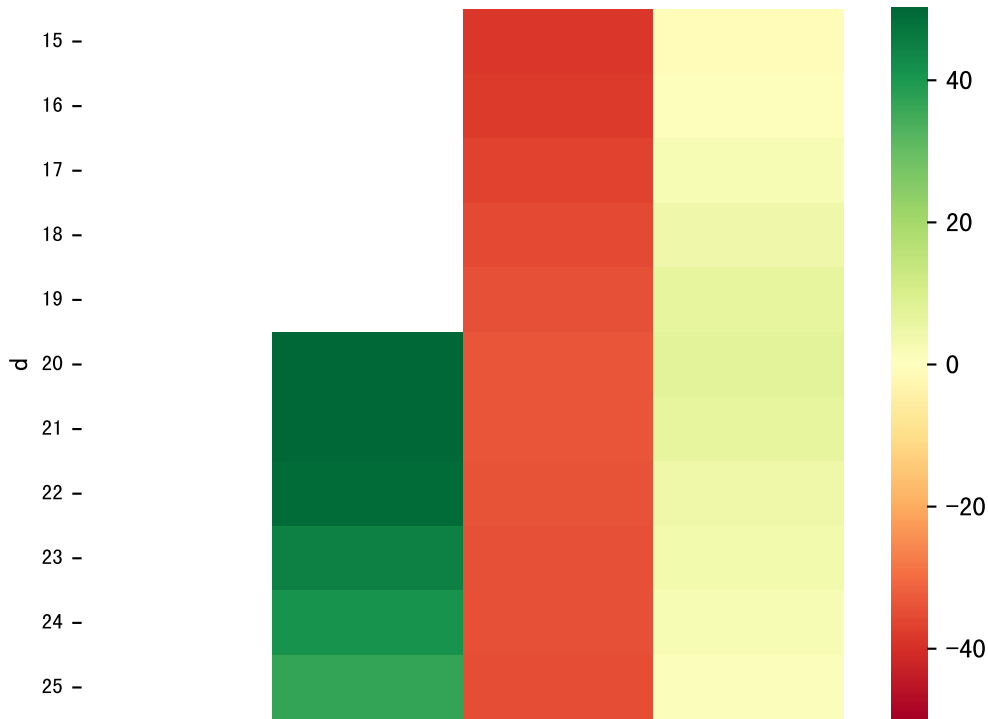


DeltaTypeAbbr=WeiAvgByD



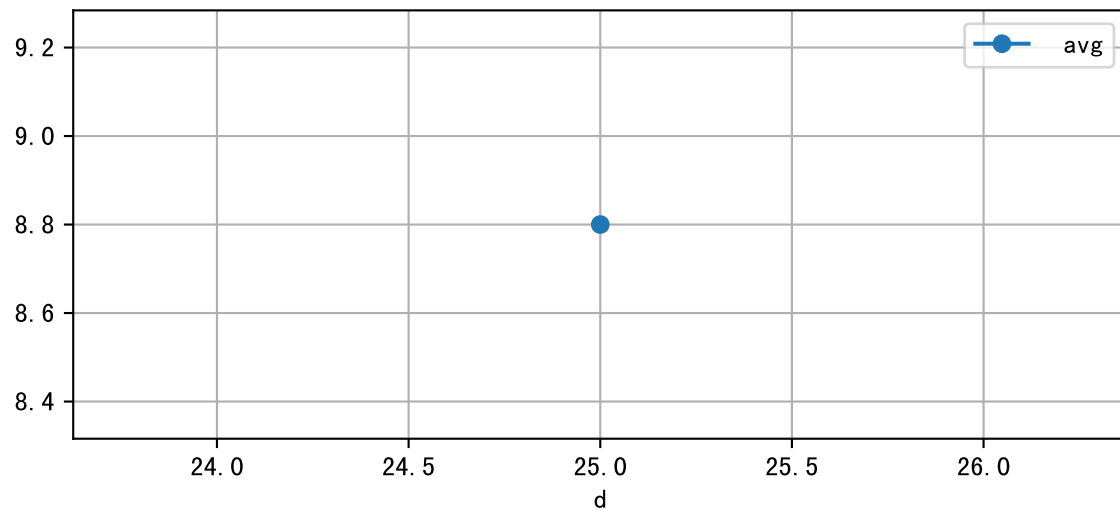
LfA: sfDem



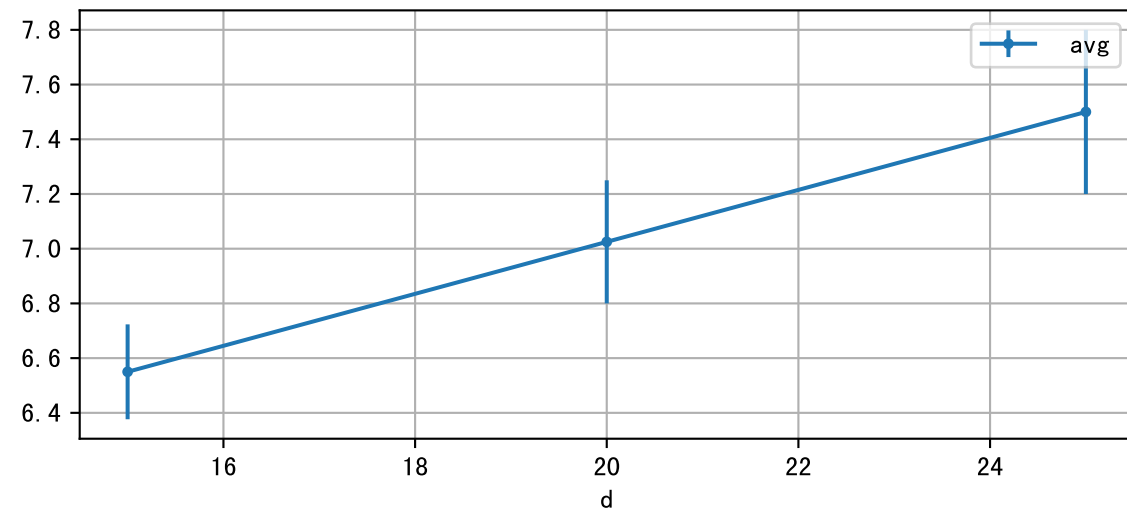


NdD: avg vs. d at each age group

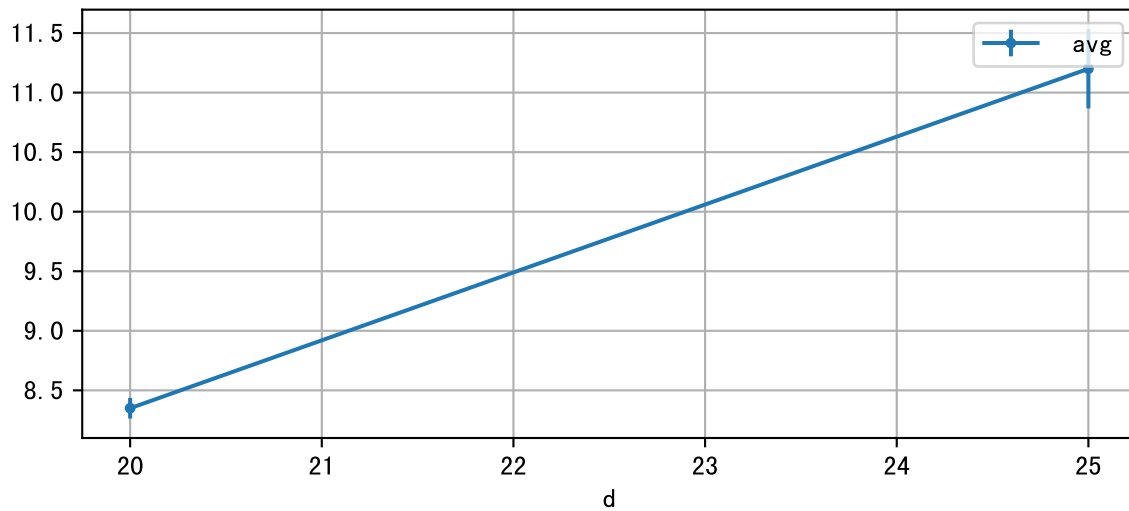
age=15



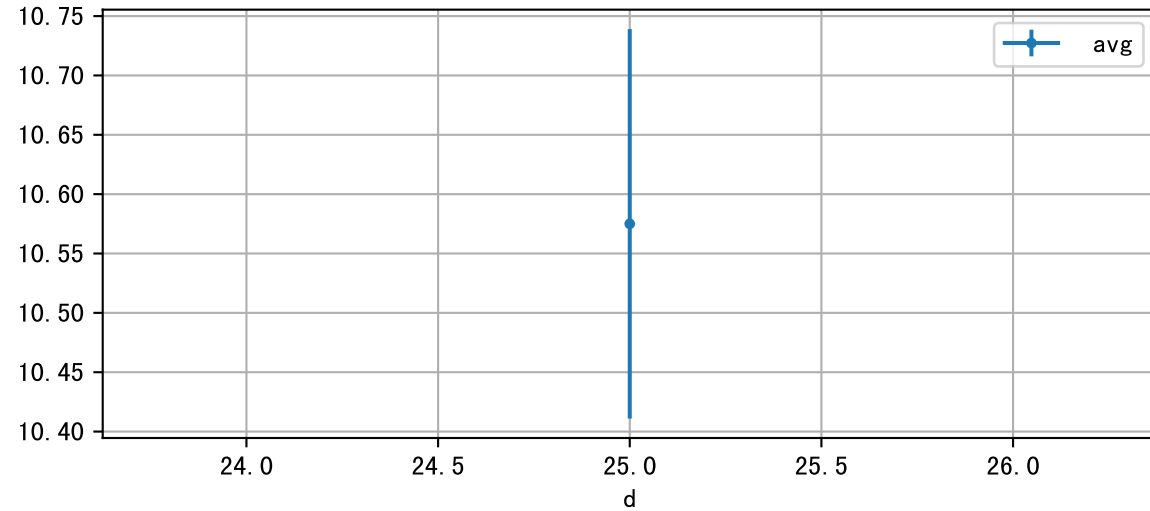
age=20



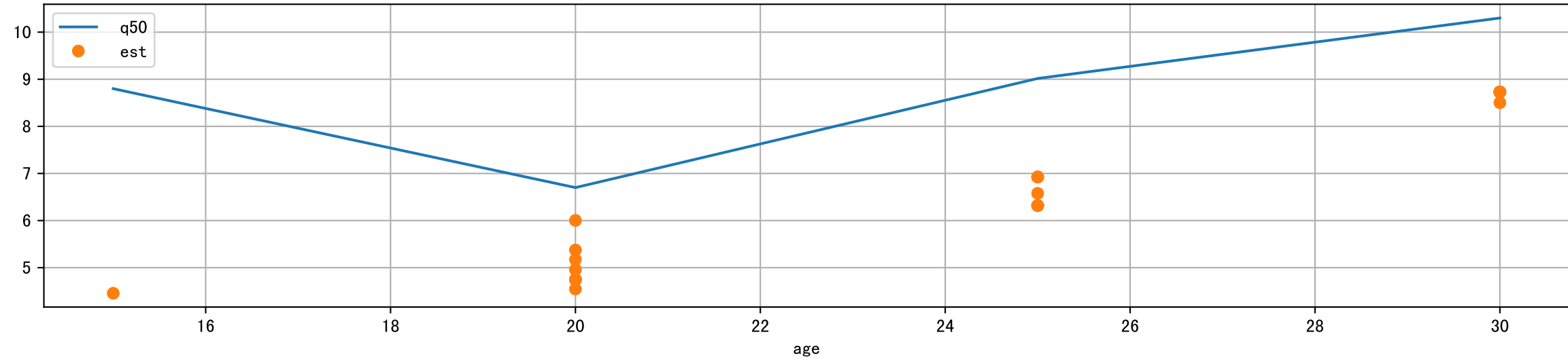
age=25



age=30



NdD: model est vs obs0v@Q50

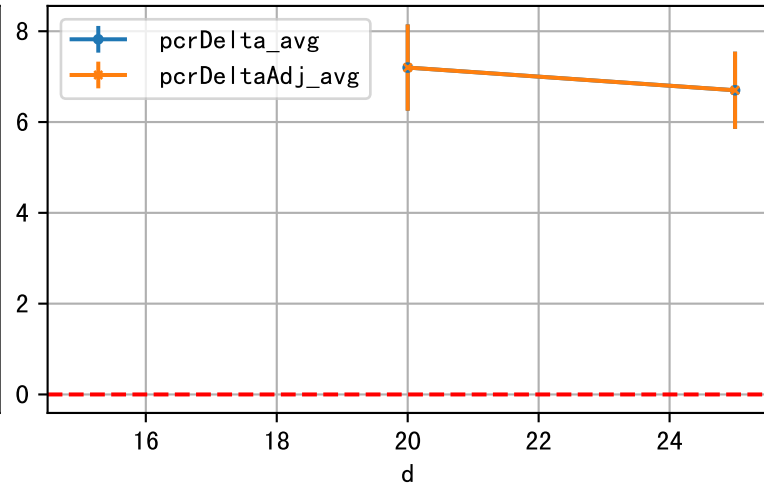
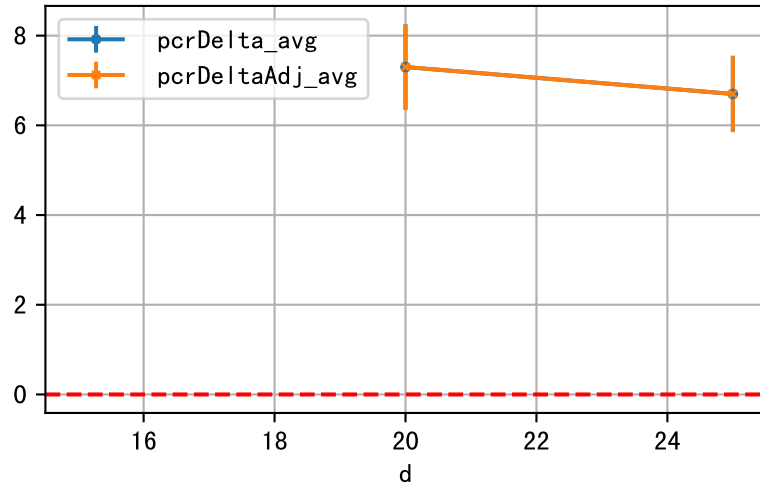
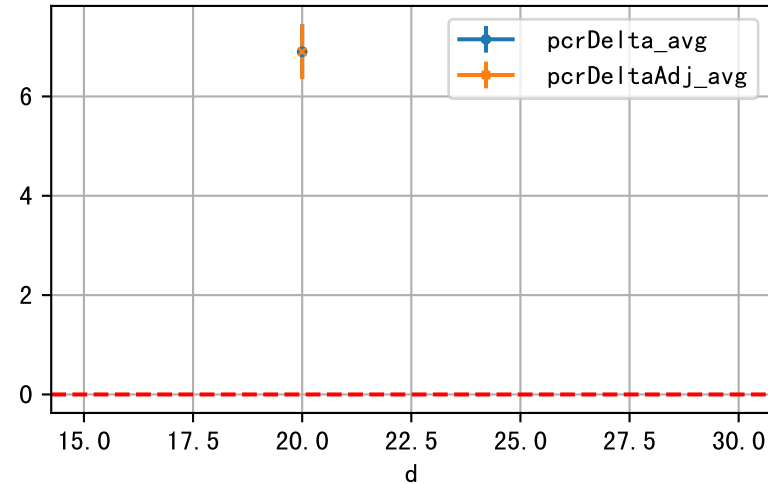


P3 NdD: D_5d_NdD

DeltaTypeAbbr=GrpByAge

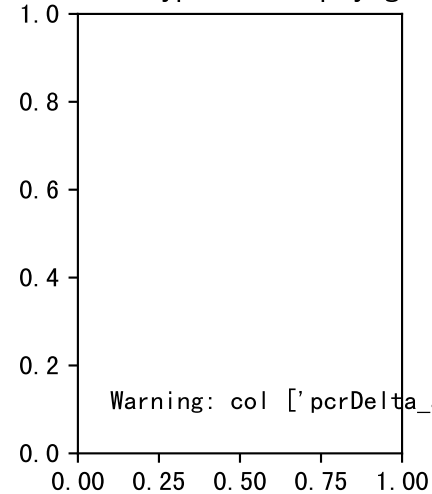
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=Wei AvgByD

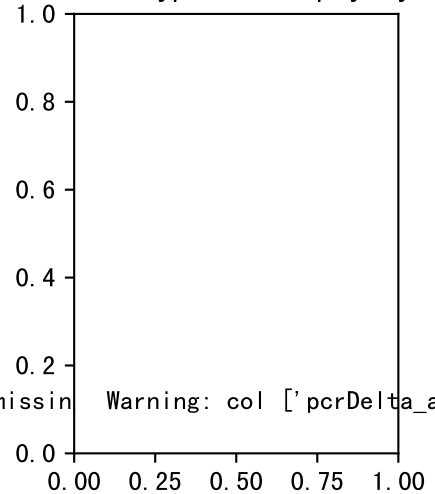


P3 NdD: D_15d_NdD

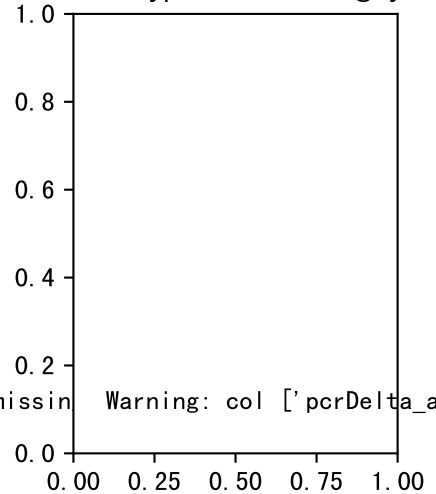
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

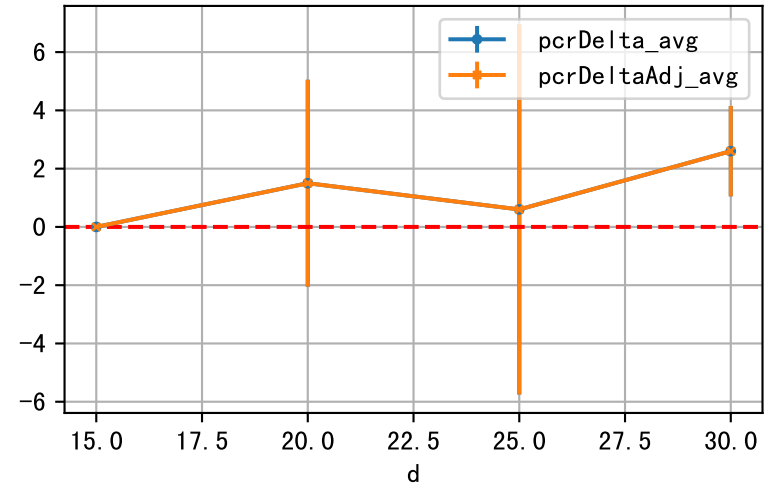


DeltaTypeAbbr=WeiAvgByD

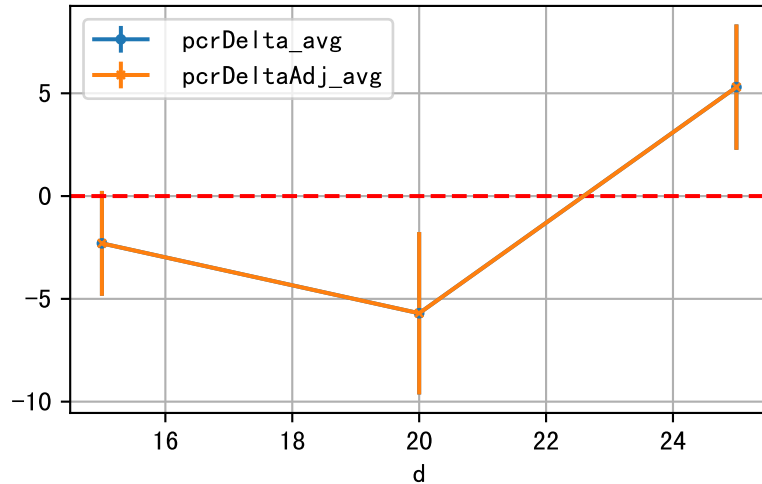


P3 NdD: D_Q50_NdD

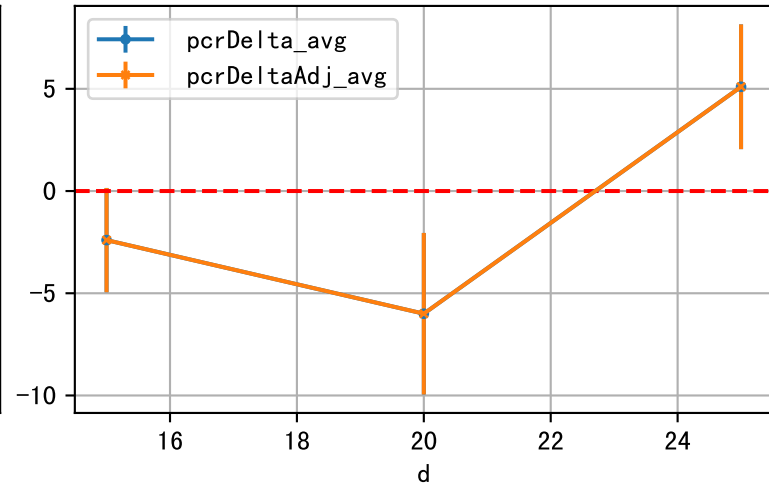
DeltaTypeAbbr=GrpByAge



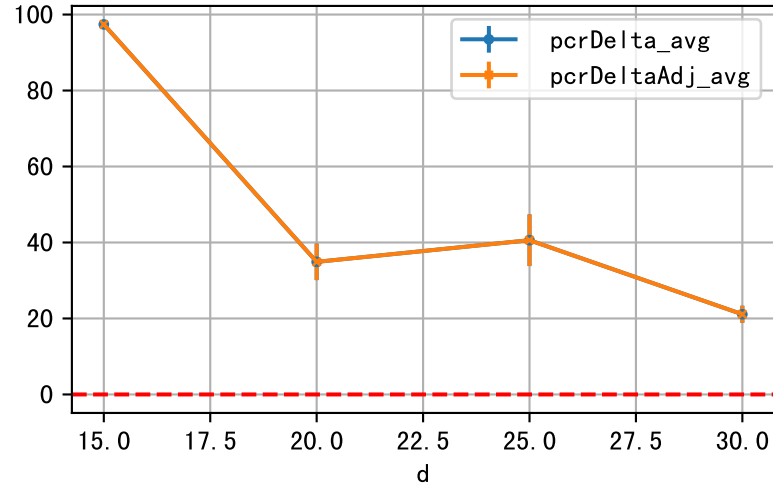
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=Wei AvgByD

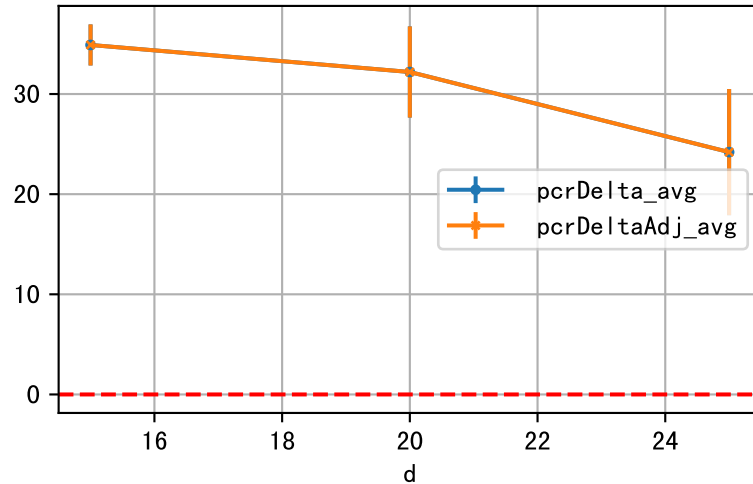


DeltaTypeAbbr=GrpByAge

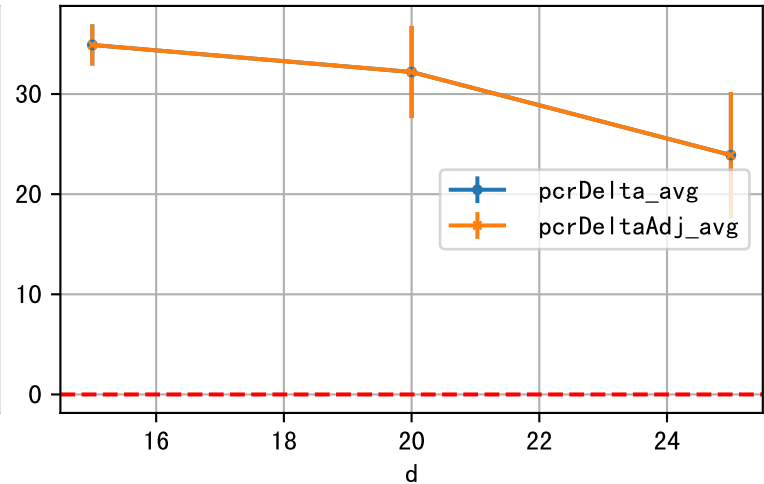


P3 NdD: D_Est_NdD

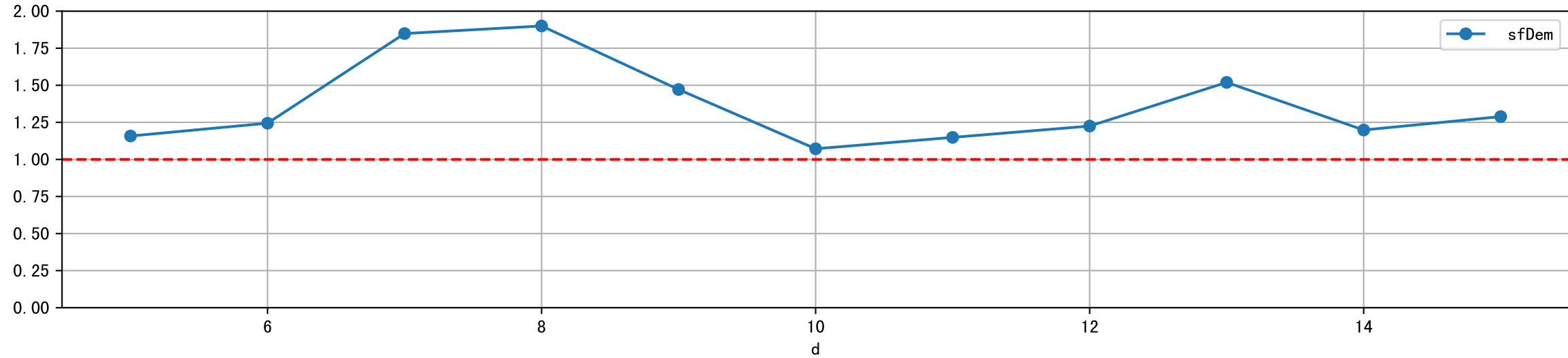
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=Wei AvgByD

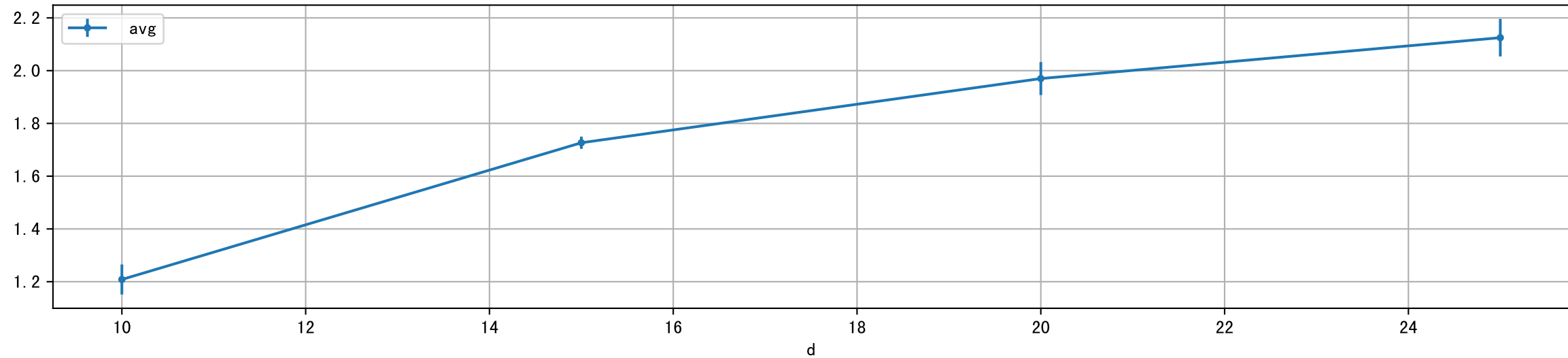


NdD: sfDem

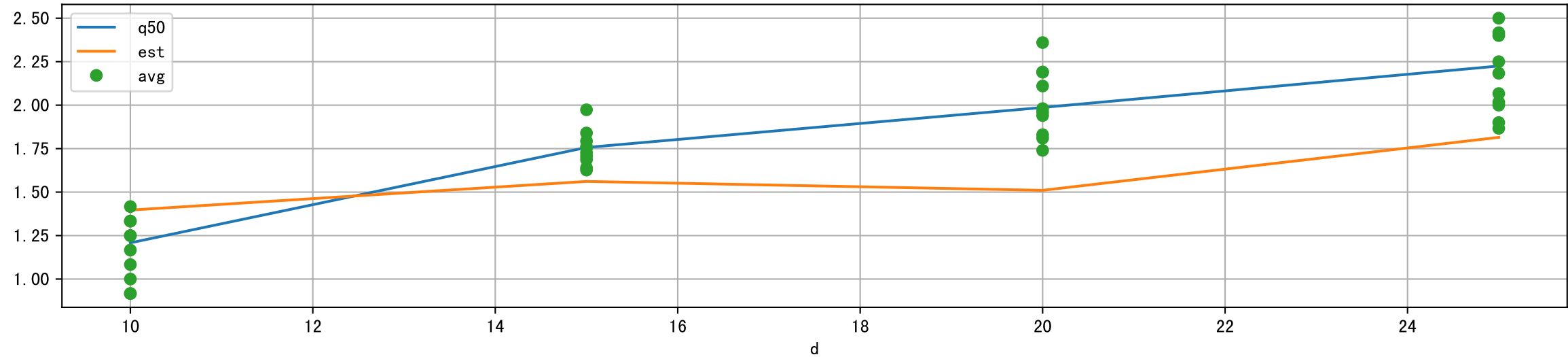




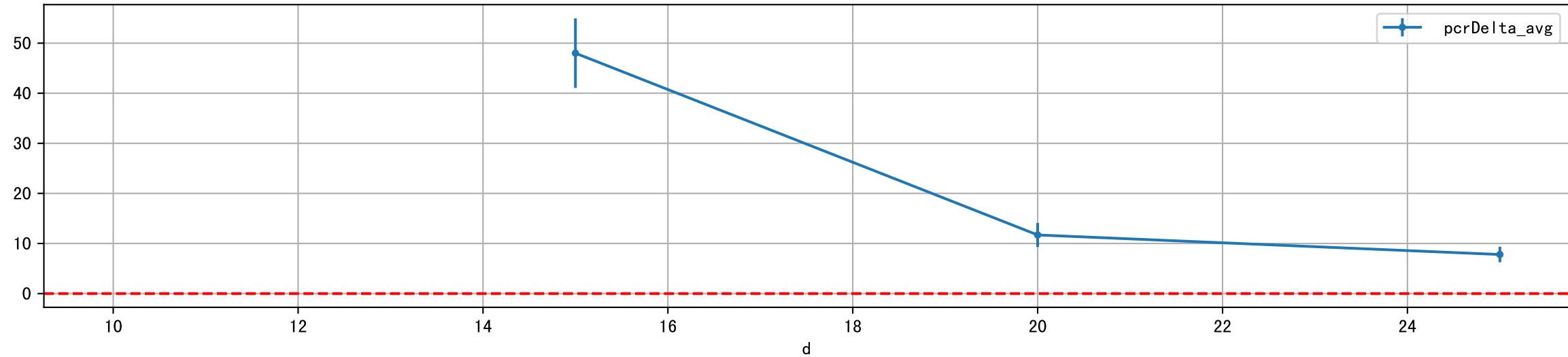
dStH: avg vs. d



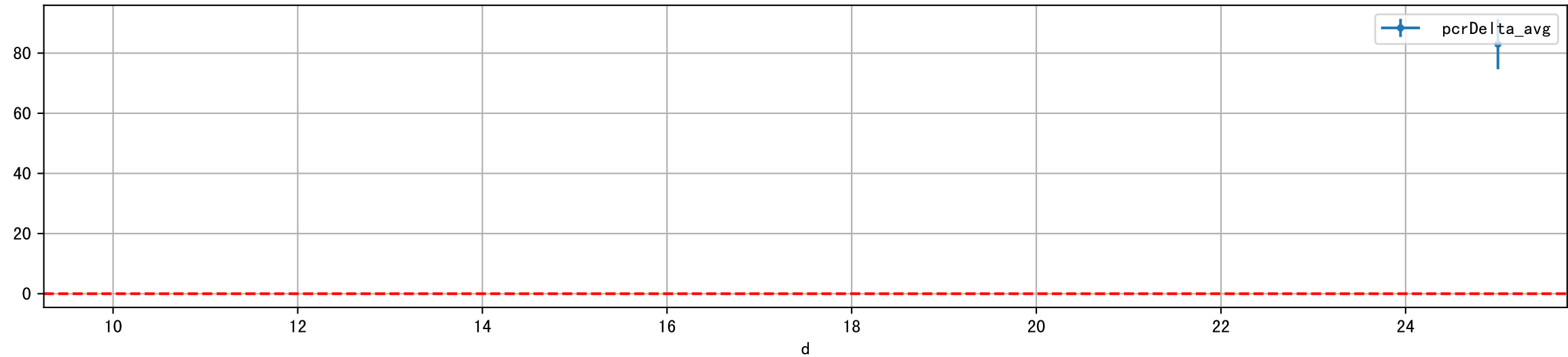
dStH: obsAvg vs obs0v@Q50



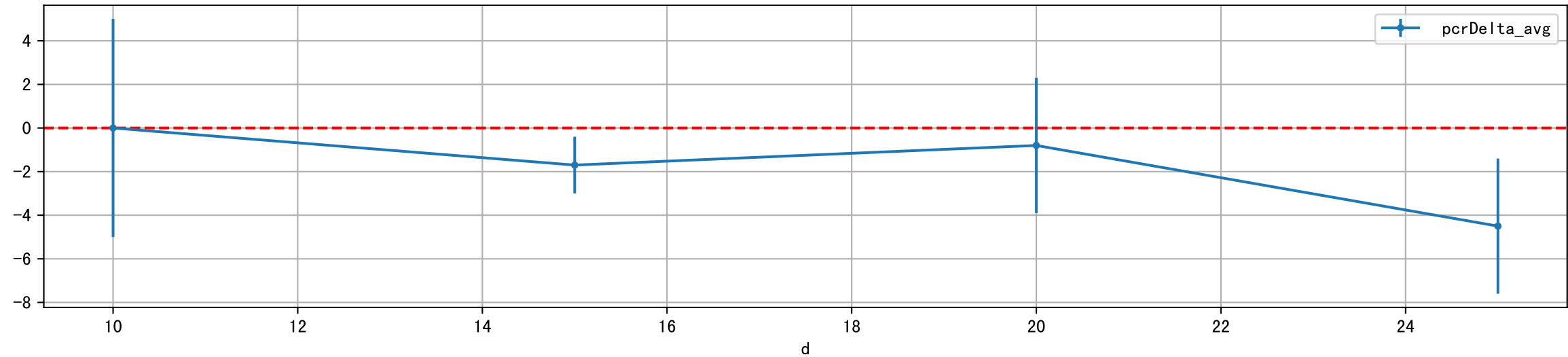
dStH: D_5d_StH



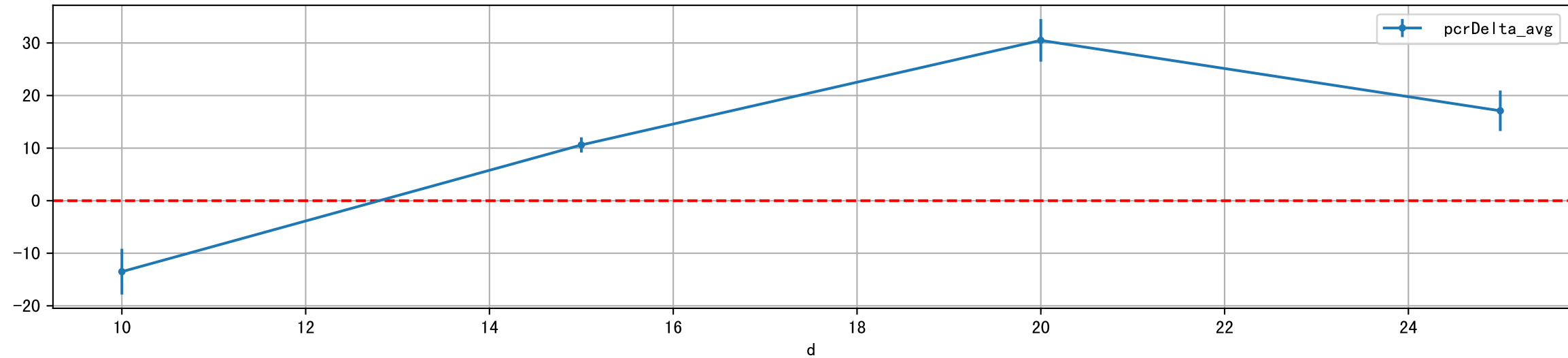
dStH: D_15d_StH



dStH: D_Q50_StH



dStH: D_Est_StH



dStH: sfDem

