

Phenotype Data Analysis Plots

PhenoData day range = 12 - 41

Analysis cutoff day = 41

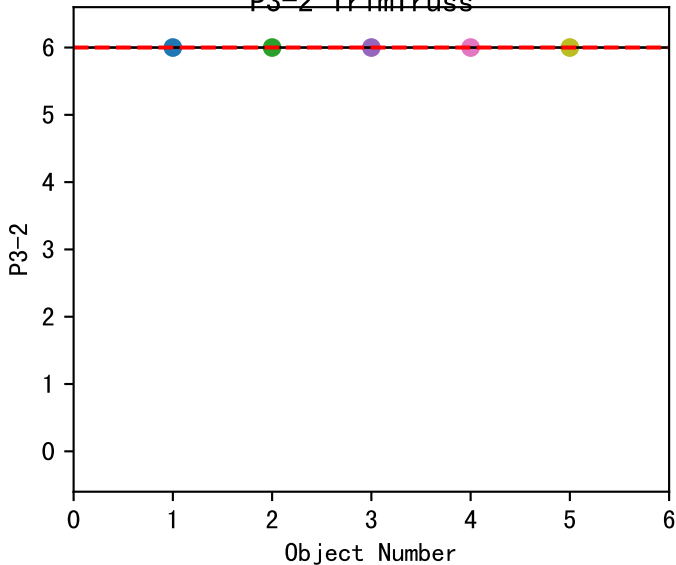
NC11 P3-2

2025-05-10 (Day 42)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

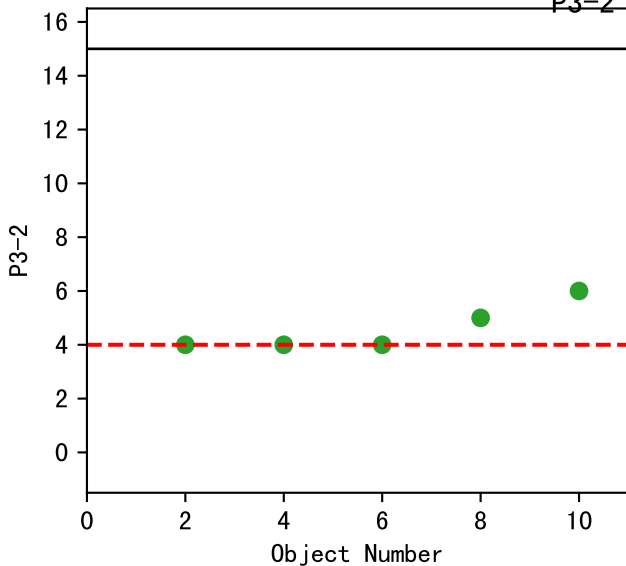
P3-2 TrimTruss



FruitNumAvgPerTruss (Def=15 Set=4)

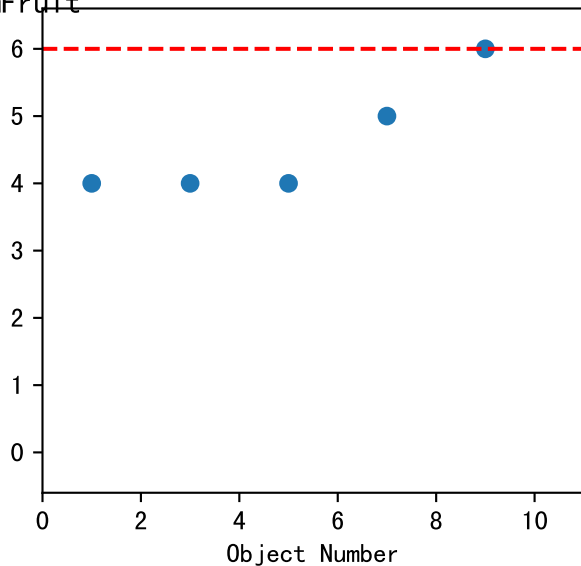
avg1=4.0~22% avg2=na

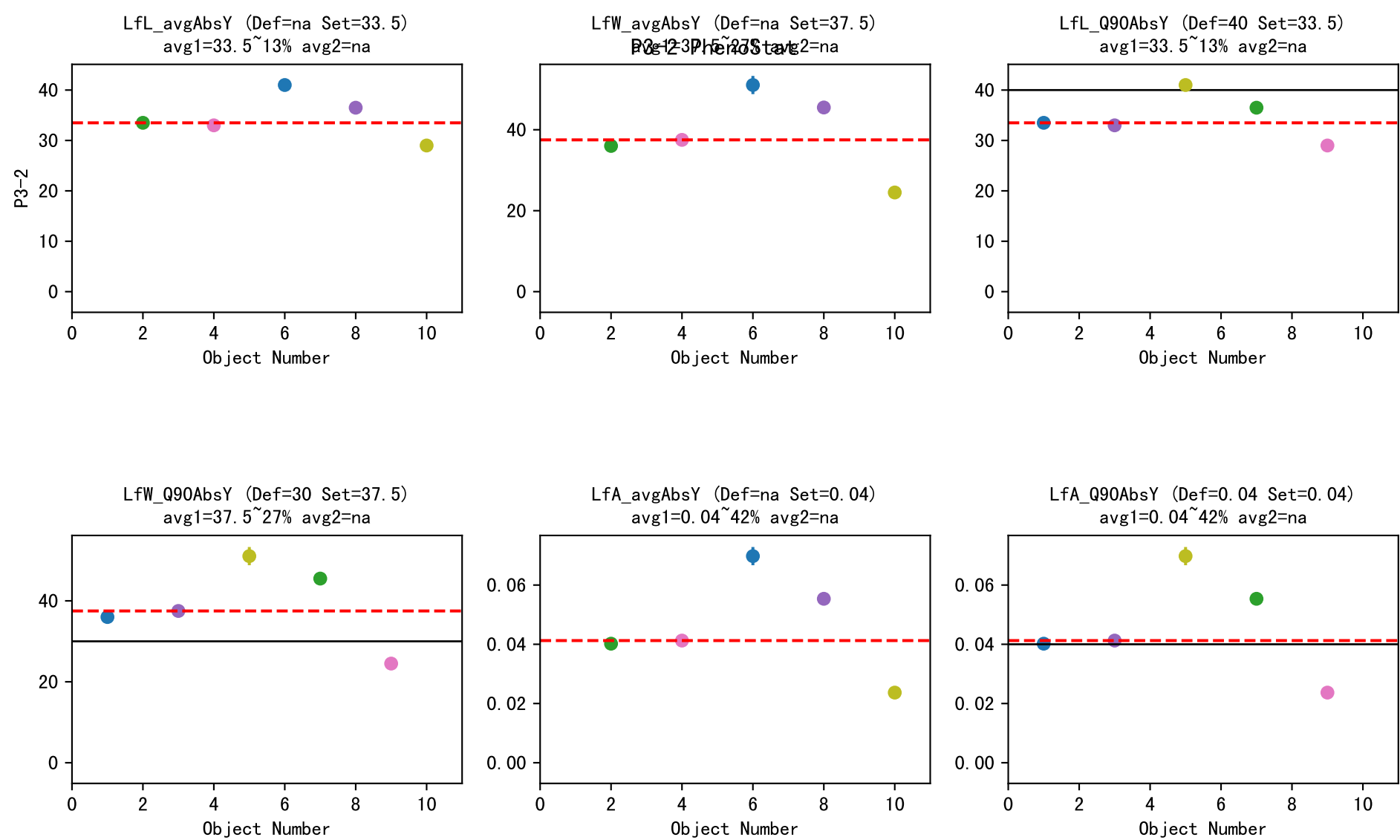
P3-2 TrimFruit



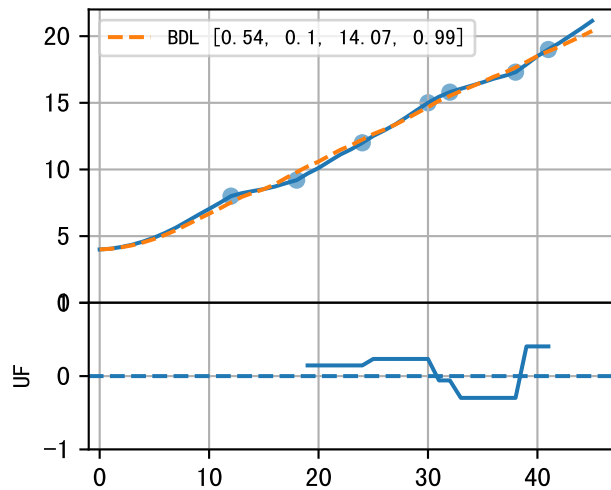
FruitNumMaxPerTruss (Def=na Set=6)

avg1=6.0~16% avg2=na

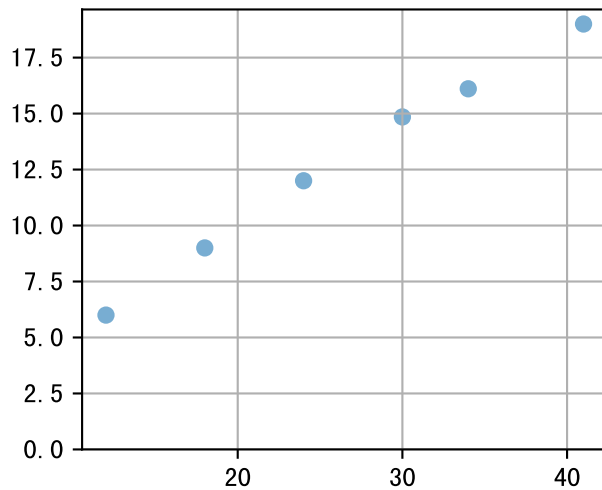




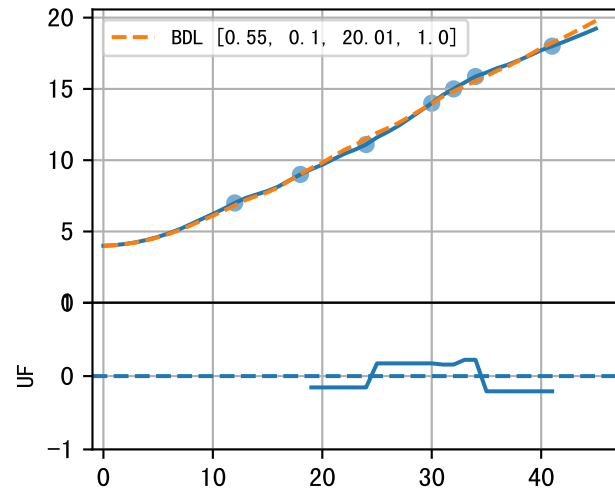
P3-2-16-21 (fit failed)



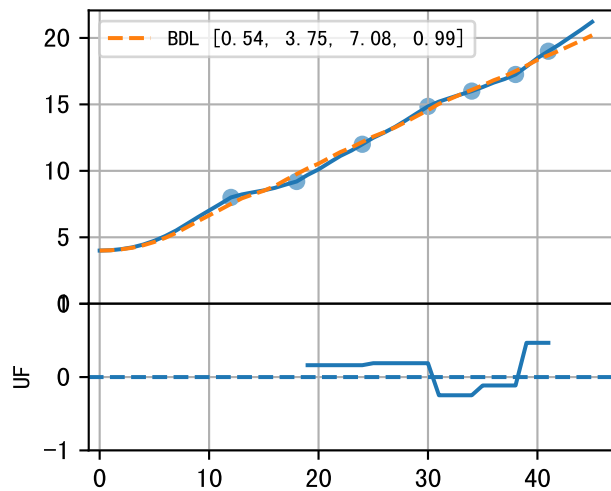
P3-2-24-18 (fit failed)



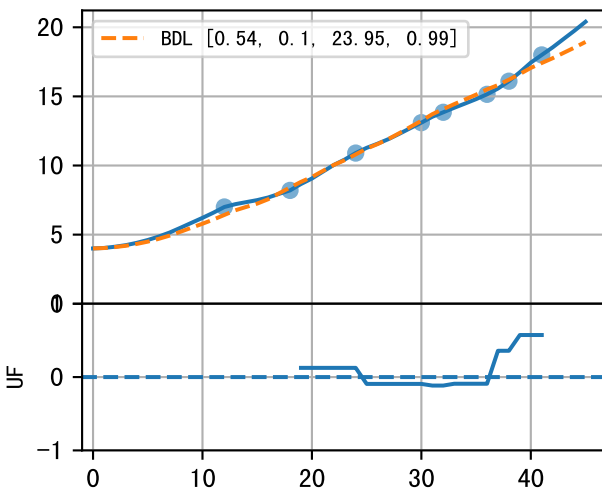
P3-2-40-6 (fit failed)



P3-2-55-28 (fit failed)

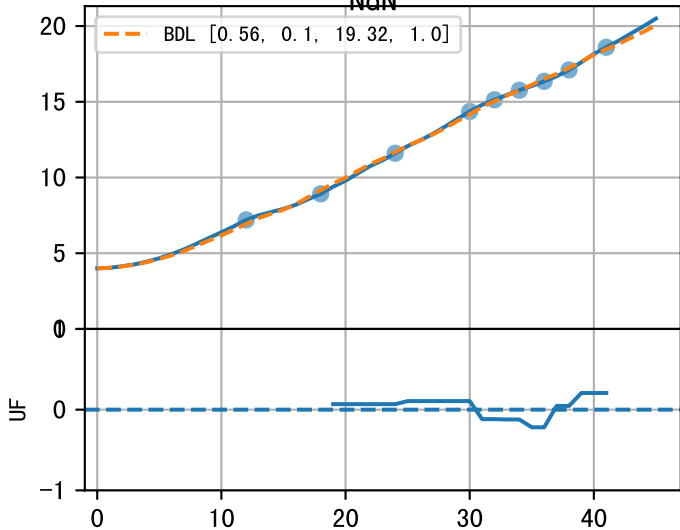


P3-2-9-8 (fit failed)

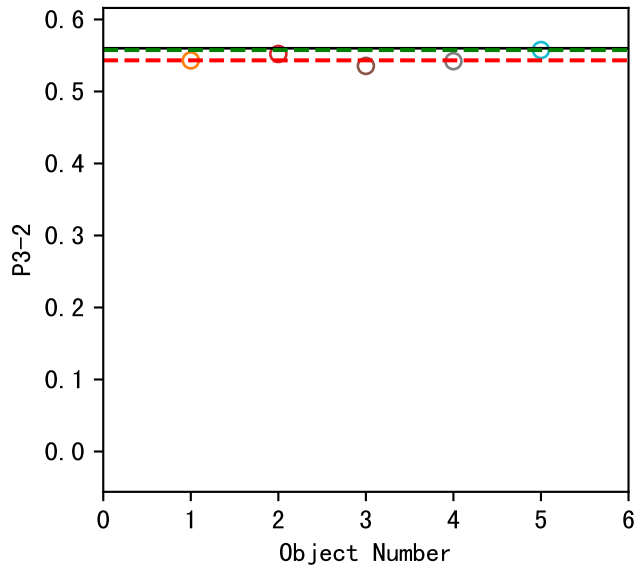


P3-2avg (fit failed)

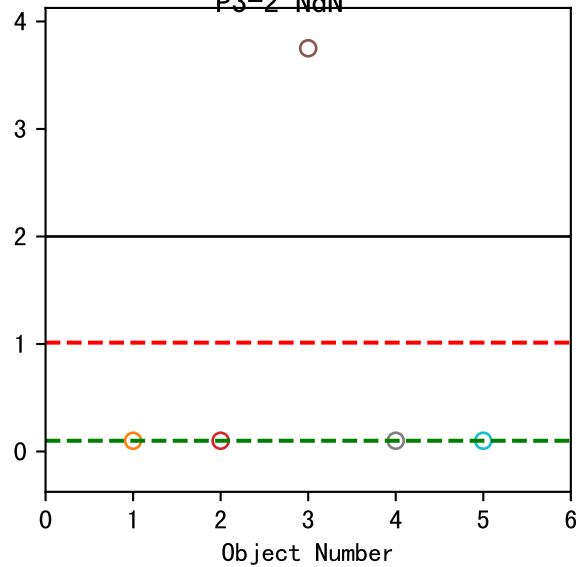
NdN



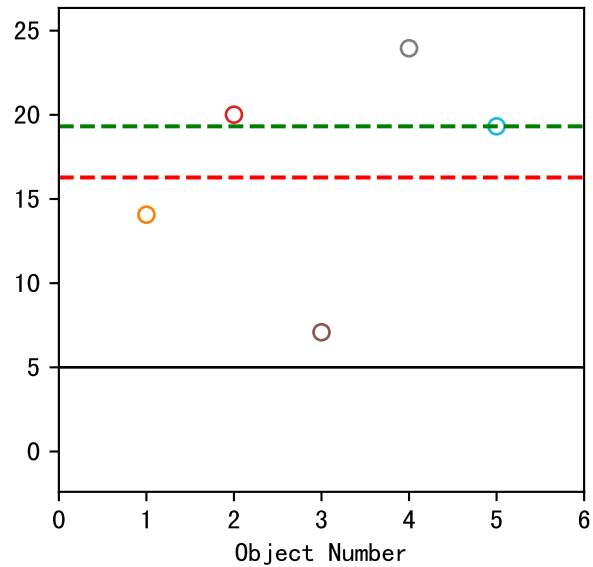
a (Def=0.56 Set=0.56)
avg1=0.54(fail) avg2=0.56



dm (Def=2 Set=0.1)
avg1=1.01(fail) avg2=0.1

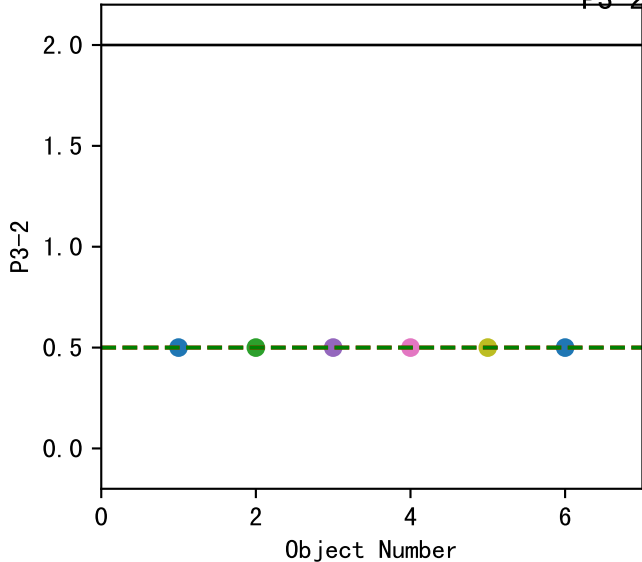


de (Def=5 Set=19.32)
avg1=16.28(fail) avg2=19.32



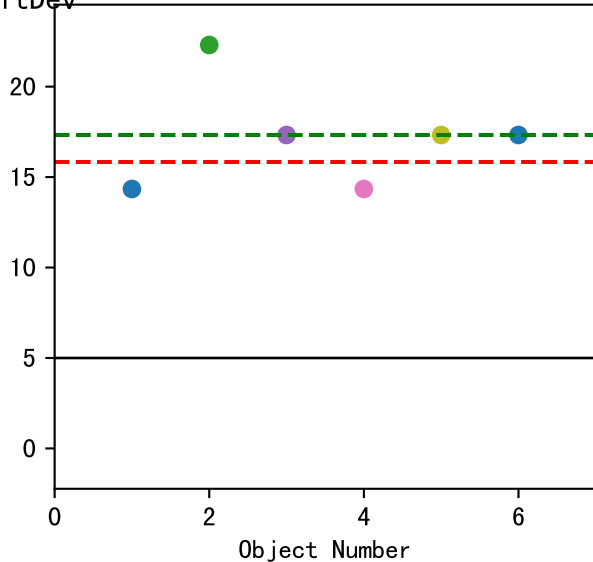
InitDev_dm (Def=2 Set=0.5)
avg1=0.5~0% avg2=0.5

P3-2

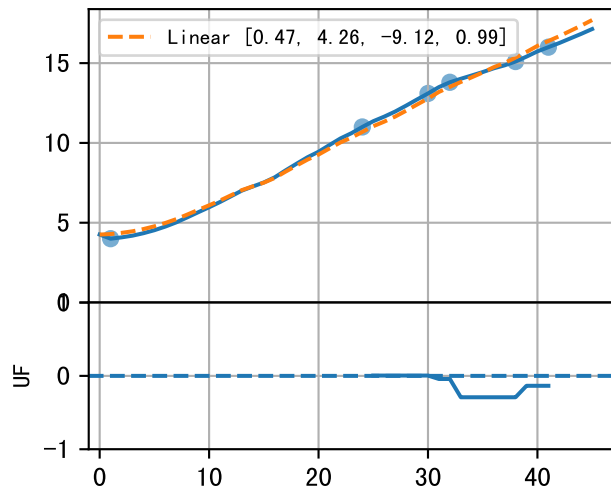


InitDev_de (Def=5 Set=17.33)
avg1=15.83~11% avg2=17.33

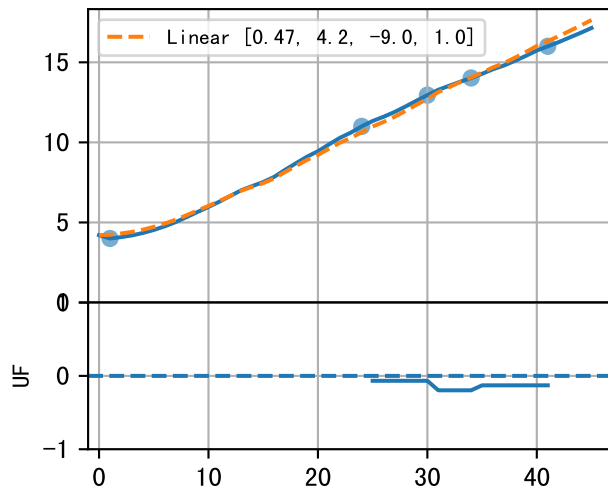
InitDev



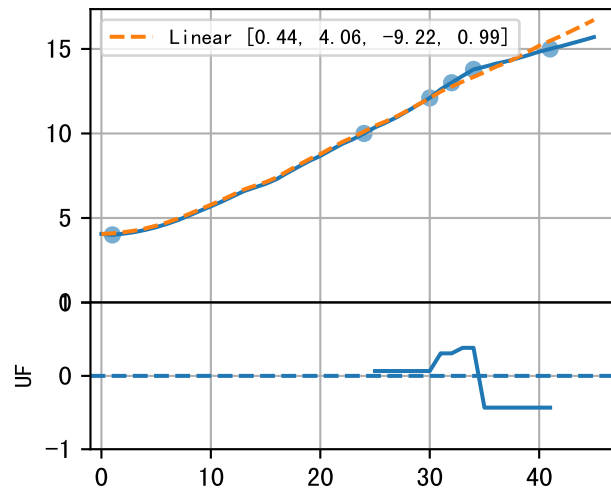
P3-2-16-21



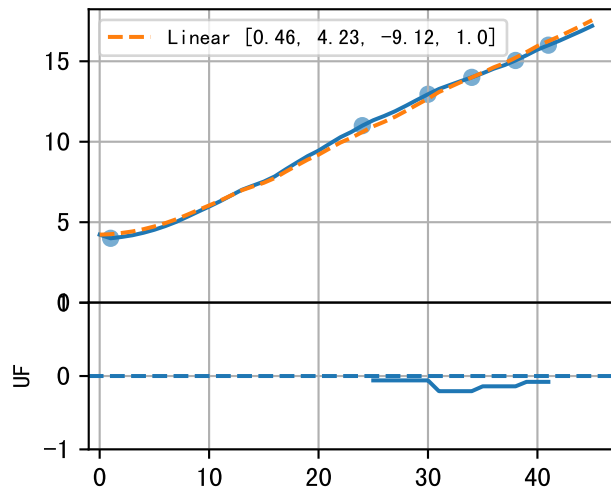
P3-2-24-18



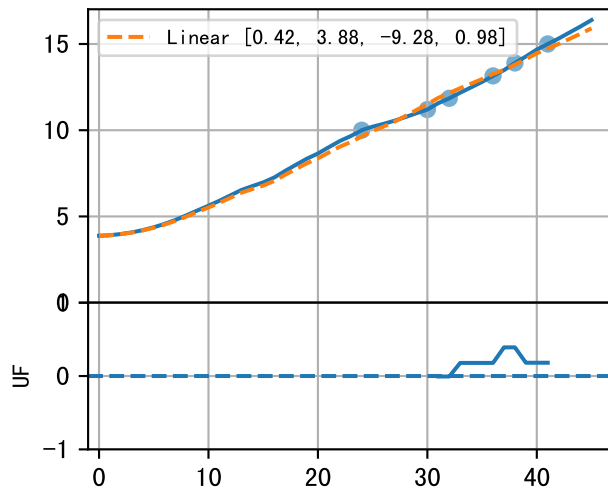
P3-2-40-6



P3-2-55-28



P3-2-9-8



P3-2avg
Lfn

Linear [0.41, 4.95, -11.99, 1.0]

UF

15

10

5

0

0

-1

0

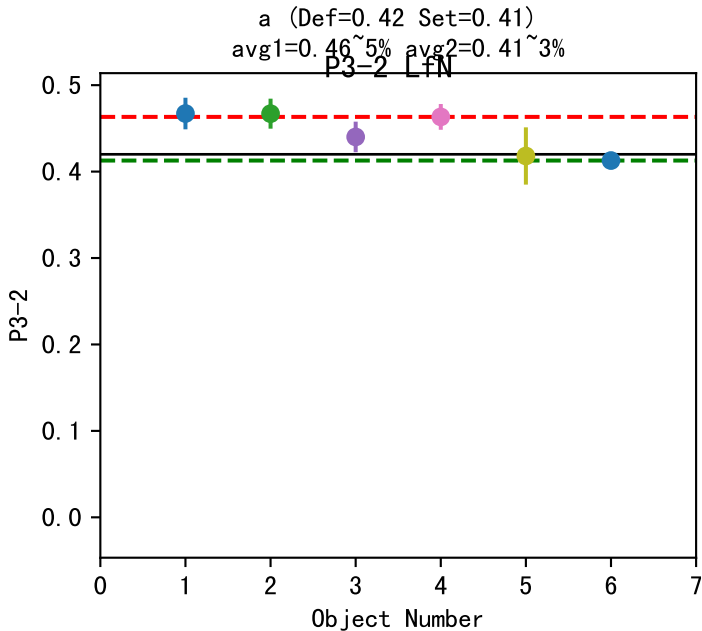
10

20

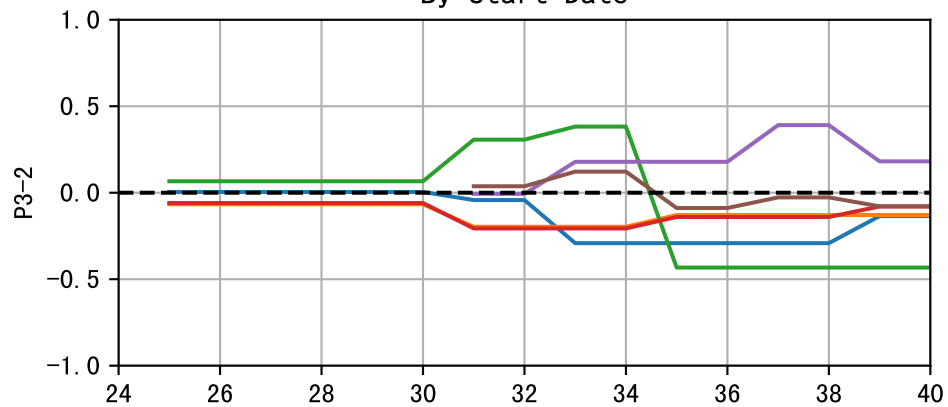
30

40

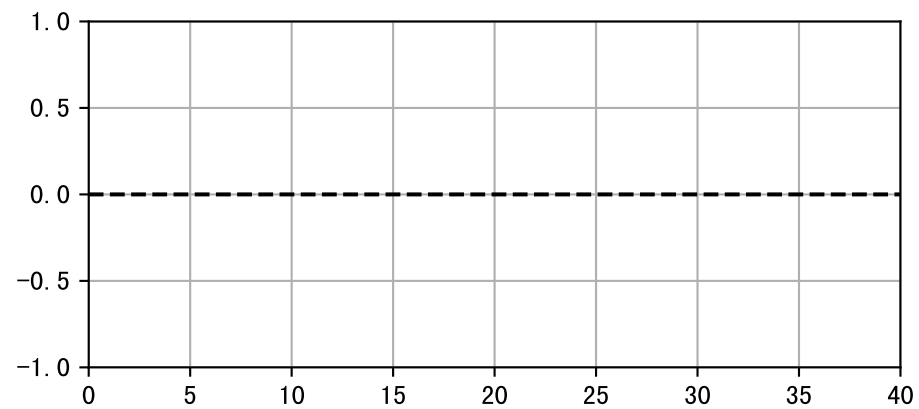
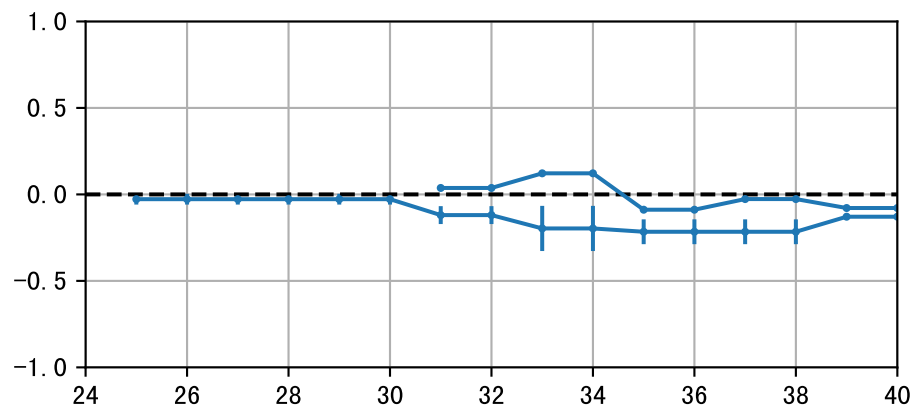
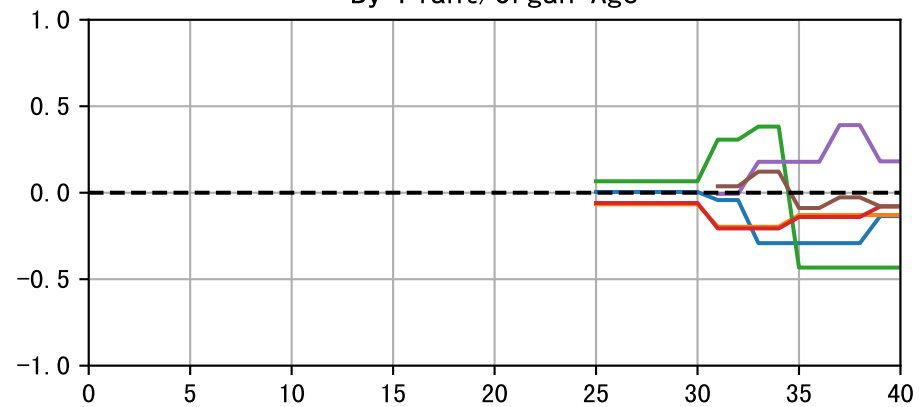
50



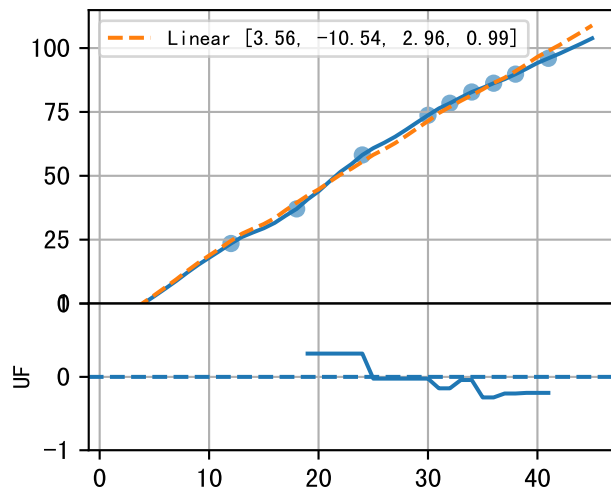
By Start Date



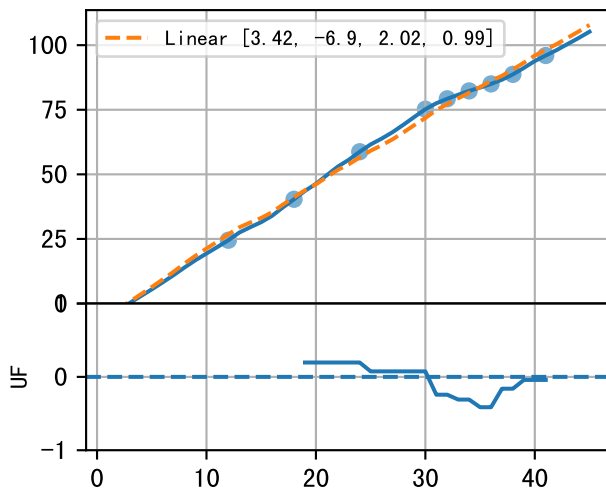
By Plant/Organ Age



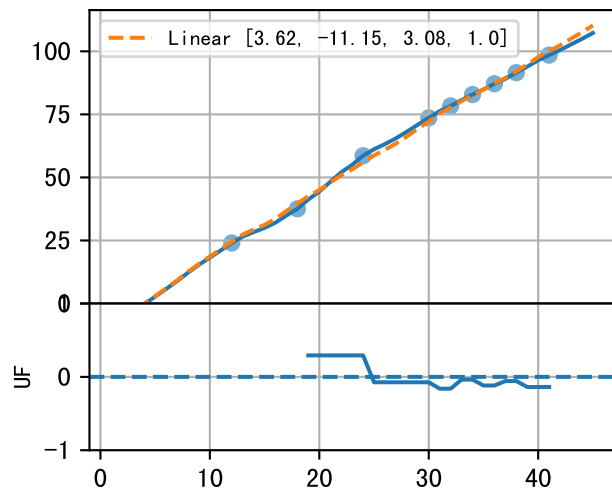
P3-2-16-21



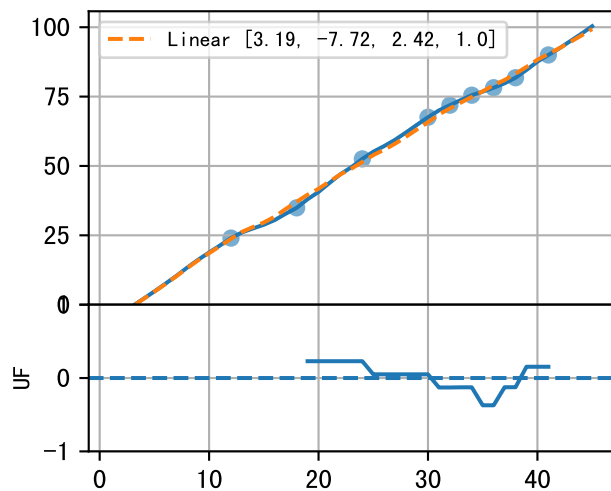
P3-2-24-18



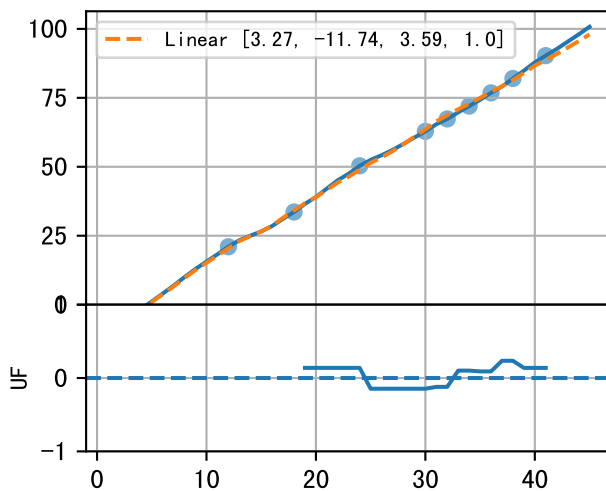
P3-2-40-6



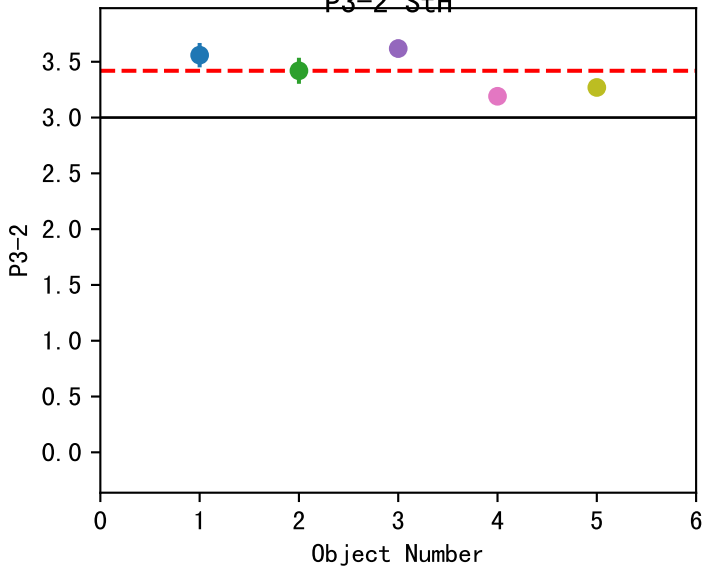
P3-2-55-28



P3-2-9-8

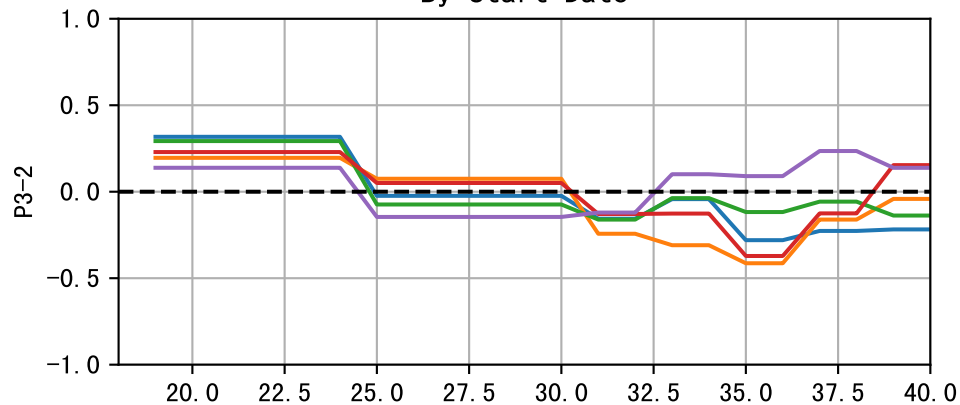


a (Def=3 Set=3.42)
avg1=3.42~5% avg2=na
P3-2 StH

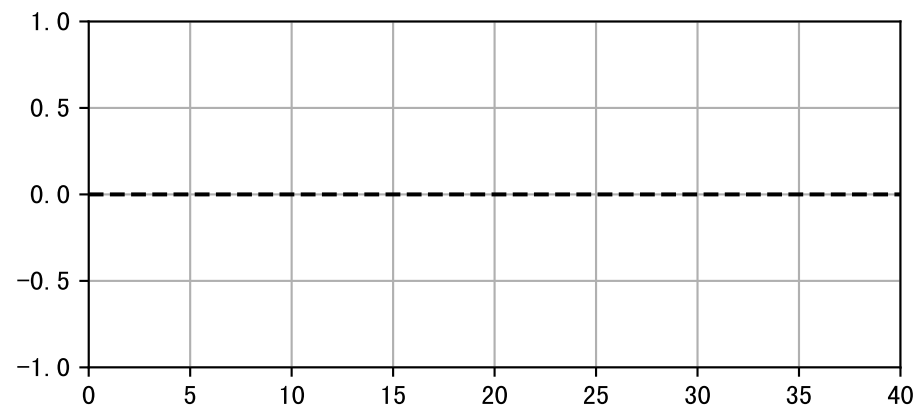
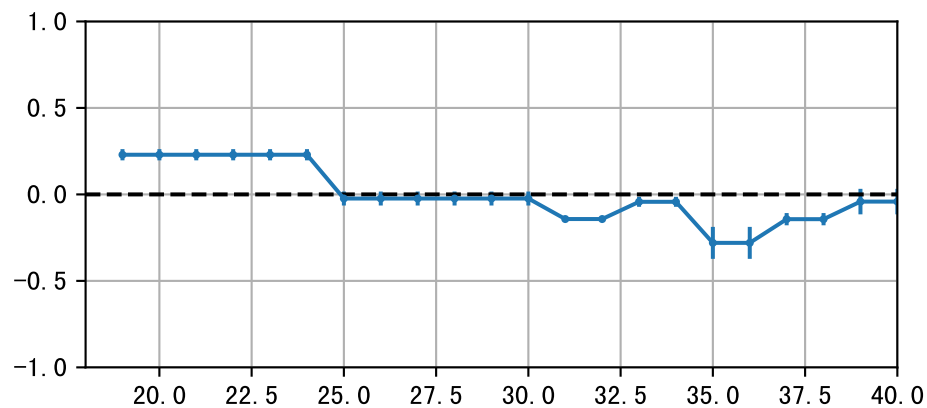
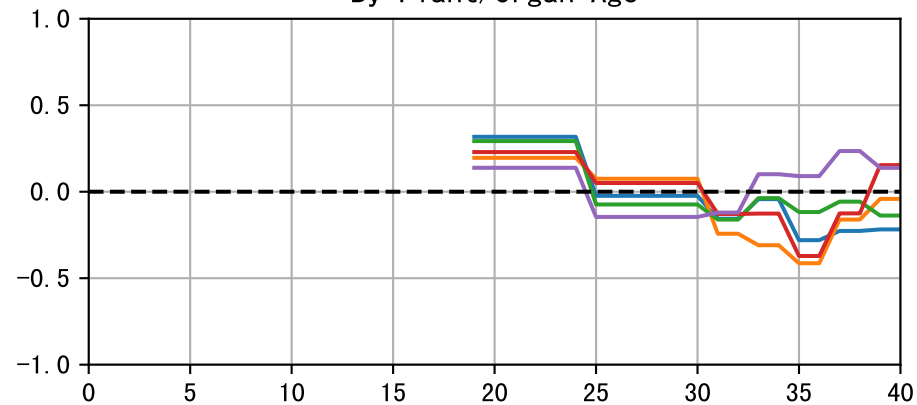


StH

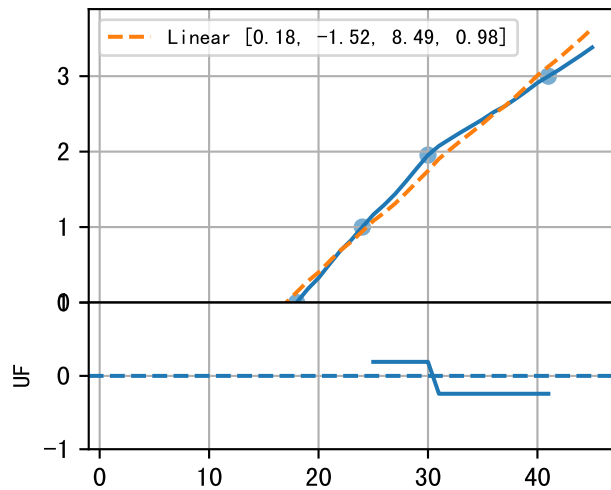
By Start Date



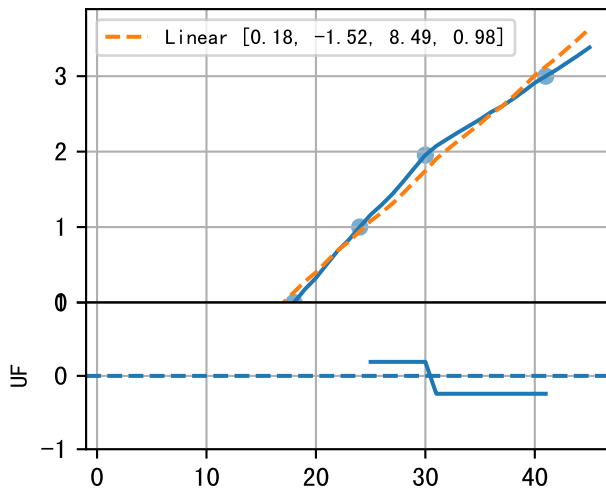
By Plant/Organ Age



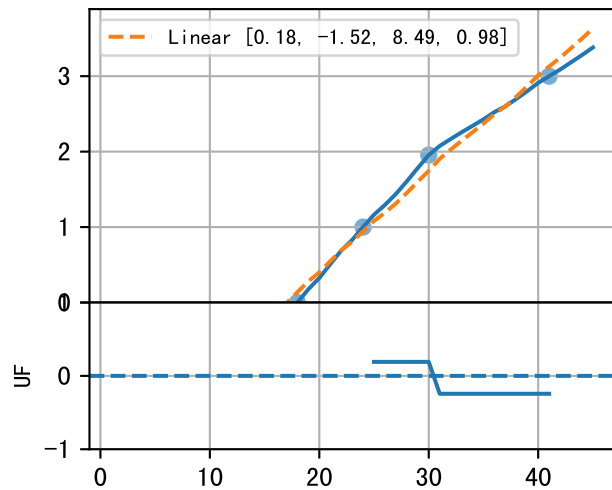
P3-2-16-21



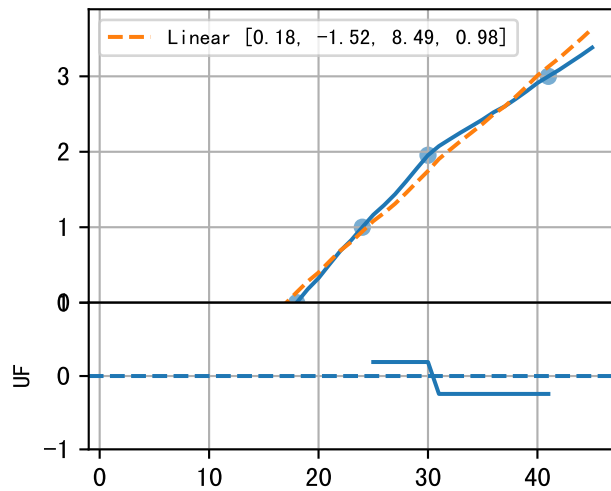
P3-2-24-18



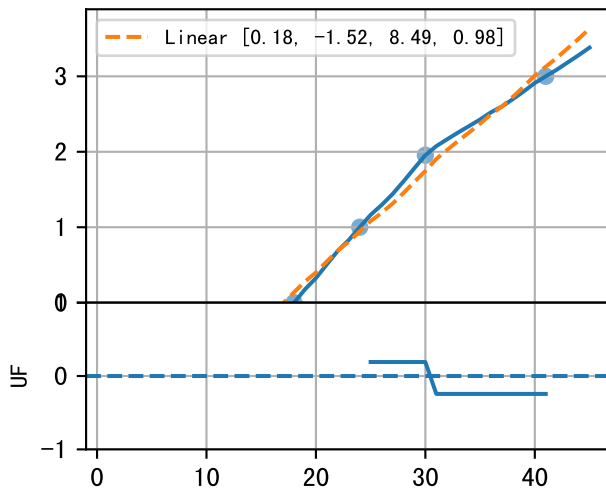
P3-2-40-6



P3-2-55-28



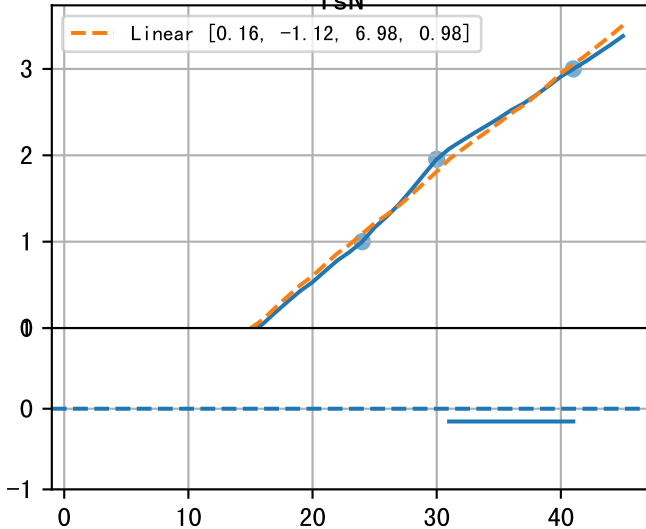
P3-2-9-8

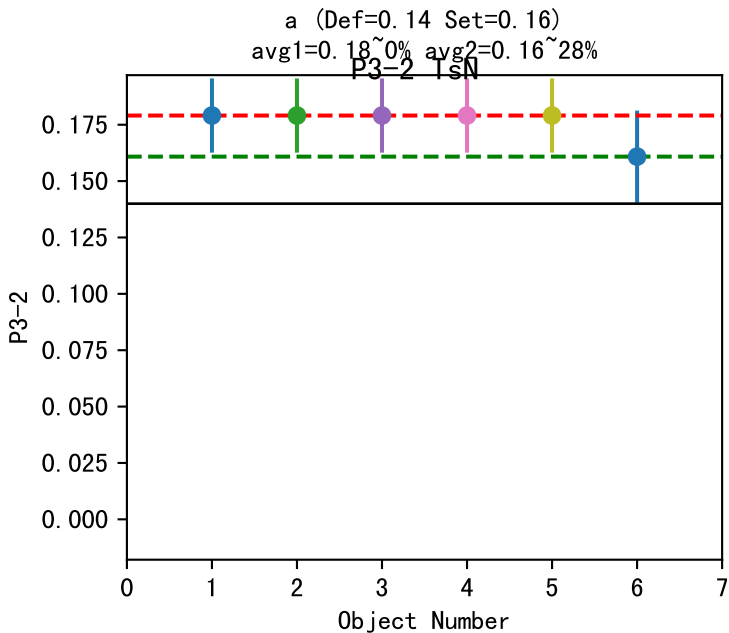


P3-2avg
TSN

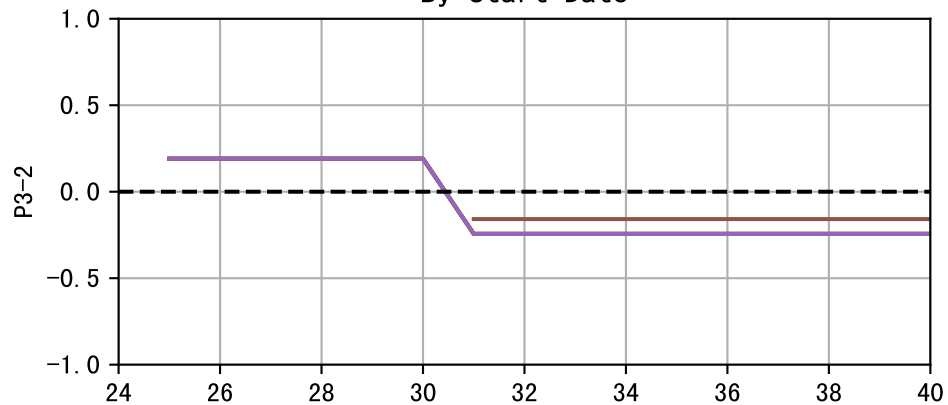
Linear [0.16, -1.12, 6.98, 0.98]

UF

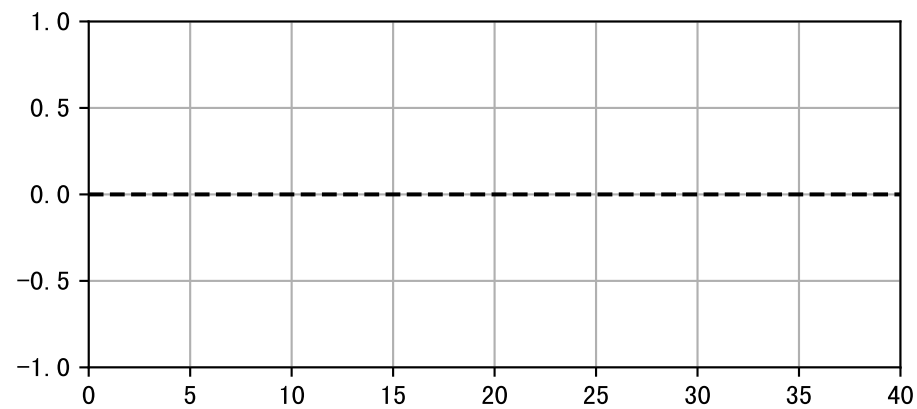
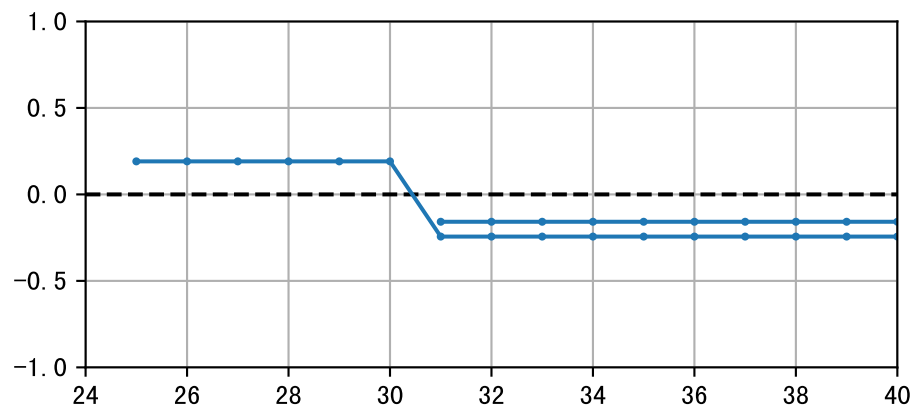
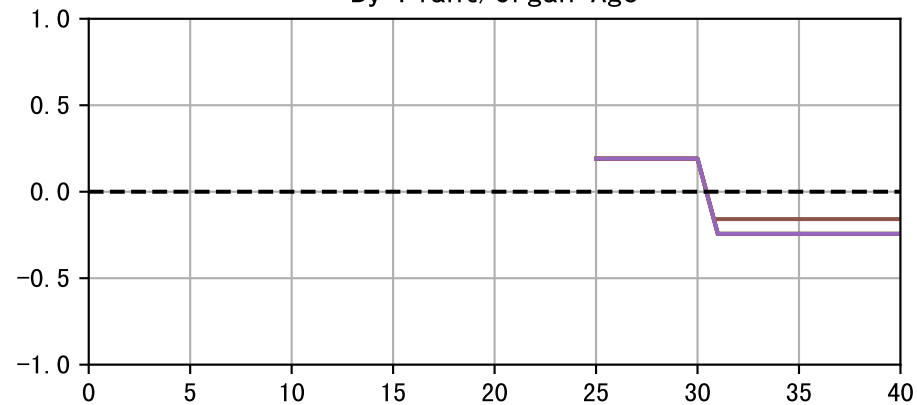




By Start Date

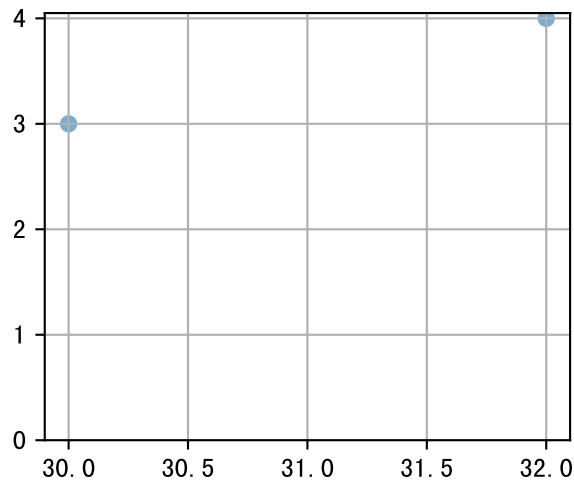


By Plant/Organ Age

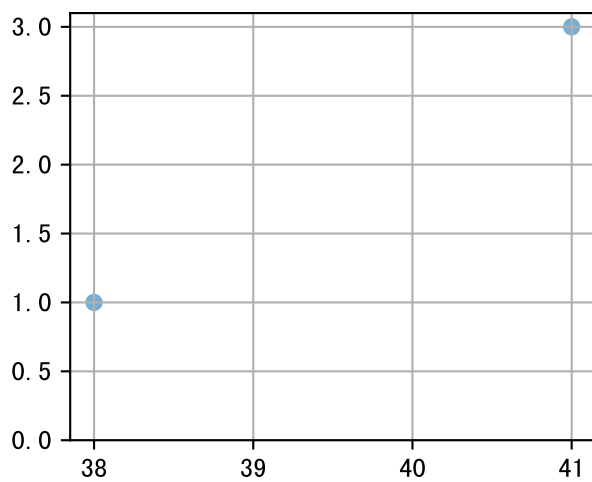


FrN

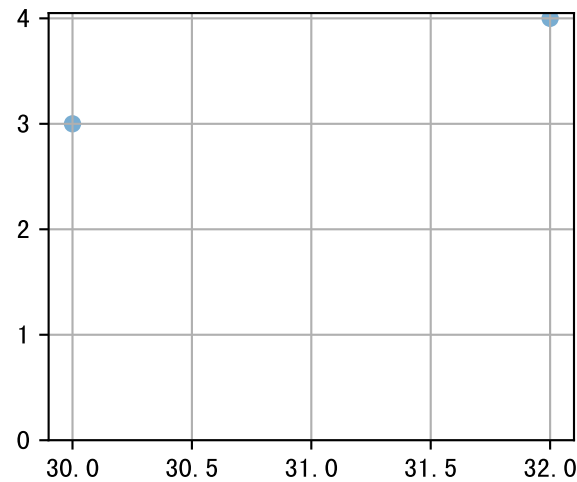
P3-2-16-21T1 (fit failed)



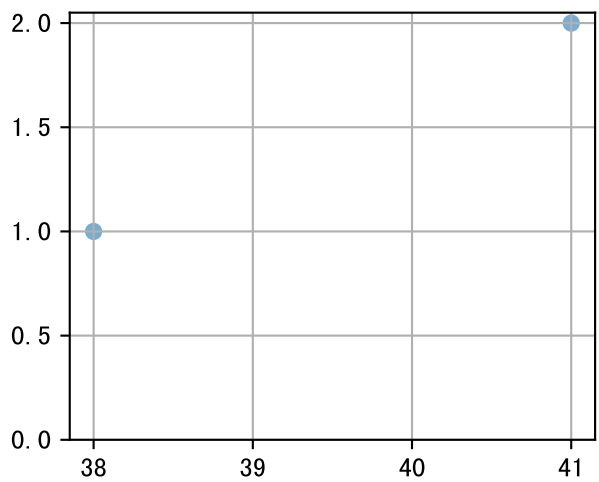
P3-2-16-21T2 (fit failed)



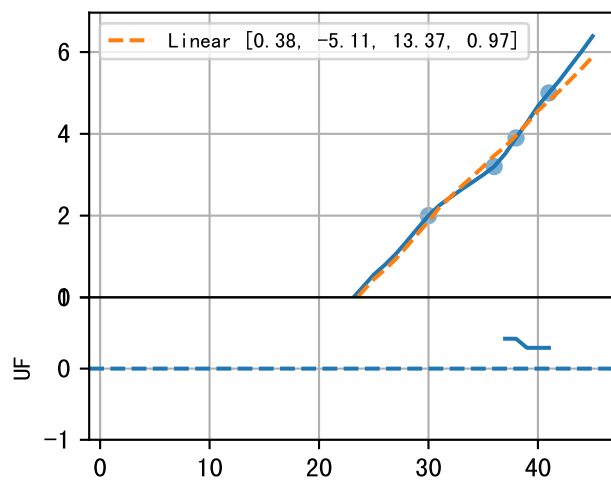
P3-2-40-6T1 (fit failed)



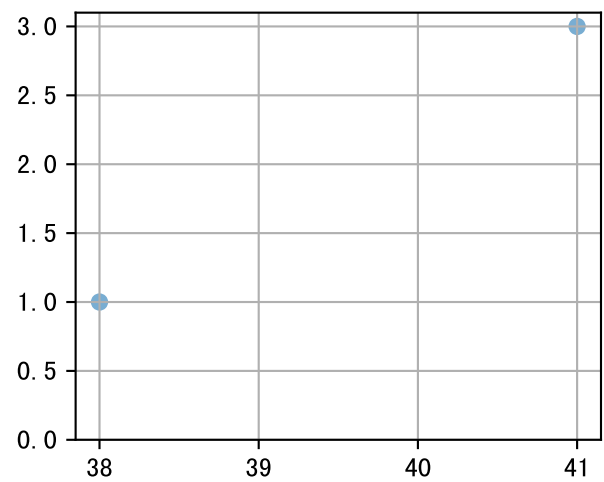
P3-2-40-6T2 (fit failed)



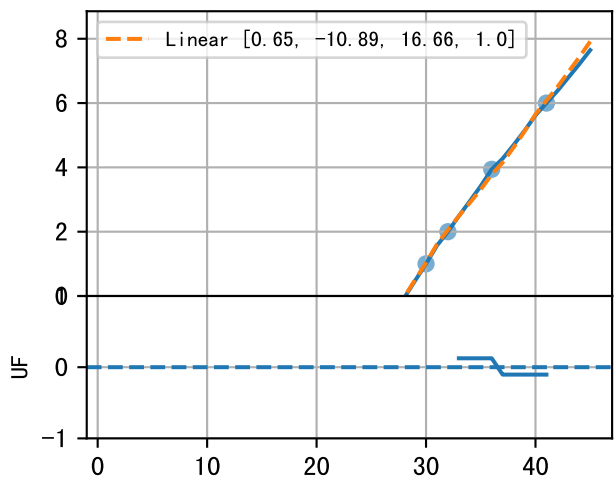
P3-2-55-28T1



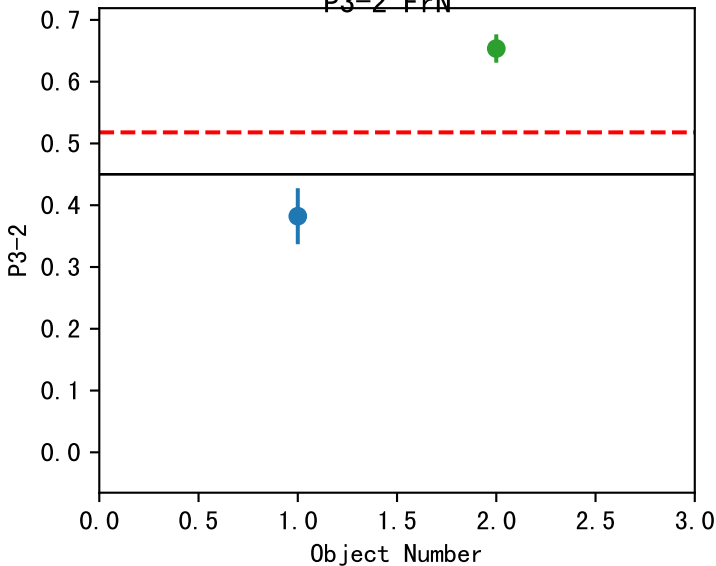
P3-2-55-28T2 (fit failed)



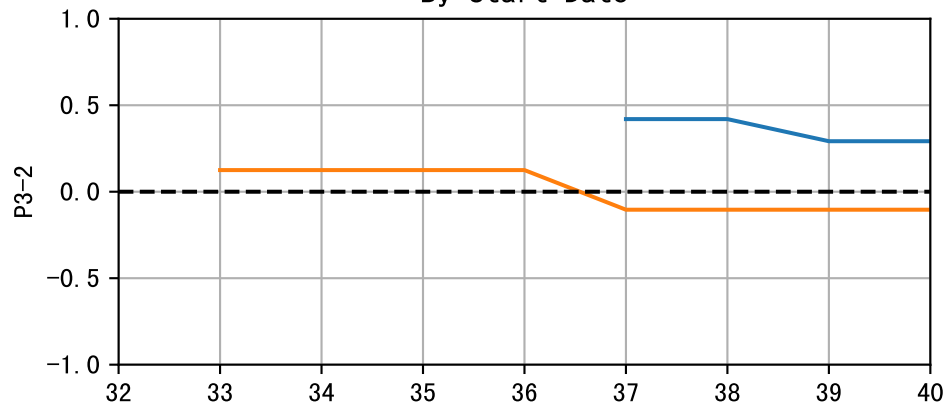
P3-2-9-8T1



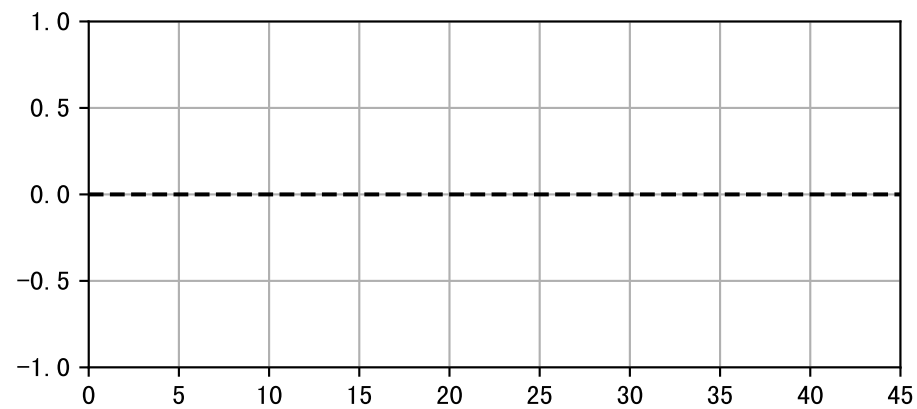
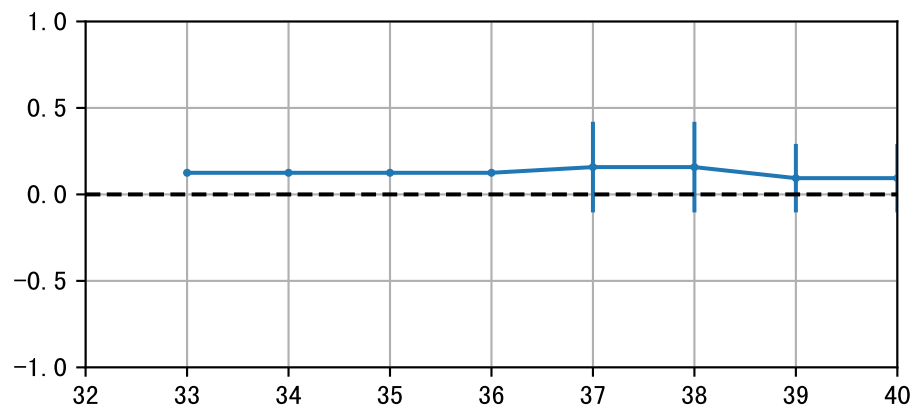
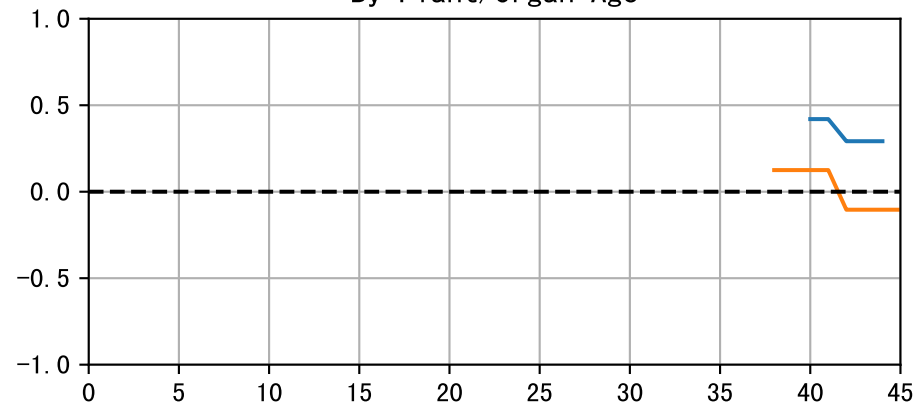
a (Def=0.45 Set=1.09)
avg1=0.52~37% avg2=na



By Start Date

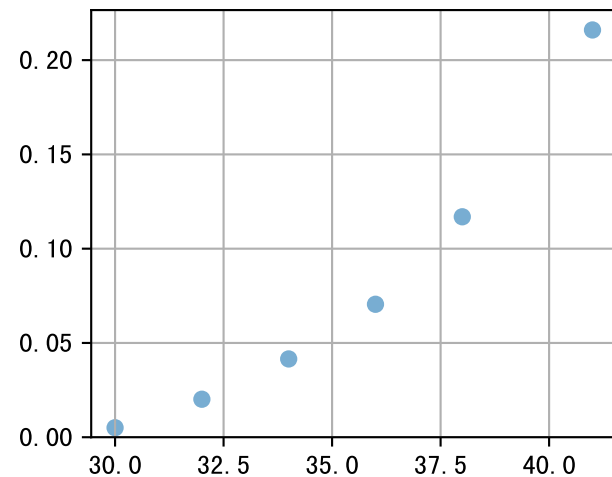


By Plant/Organ Age

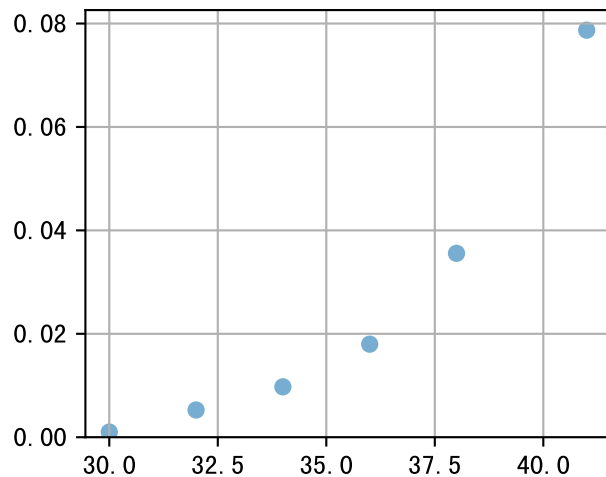


FrV

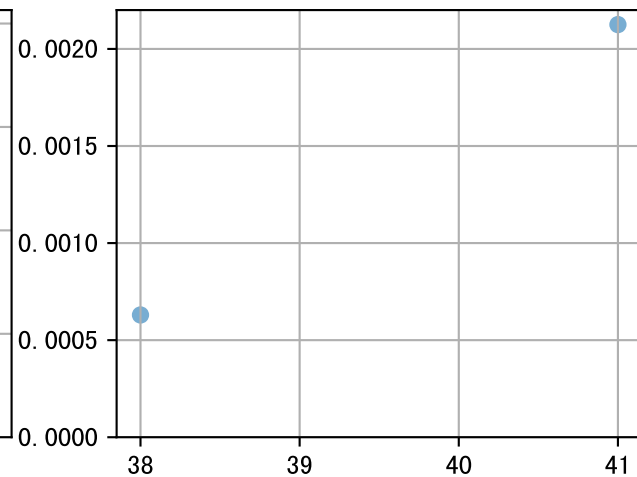
P3-2-16-21T1Fr1 (fit failed)



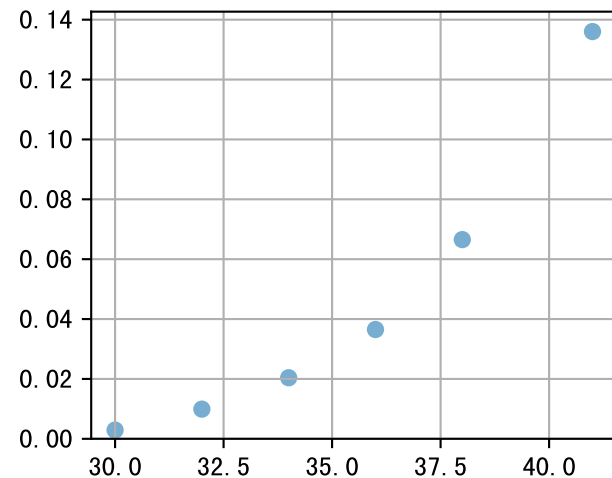
P3-2-16-21T1Fr5 (fit failed)



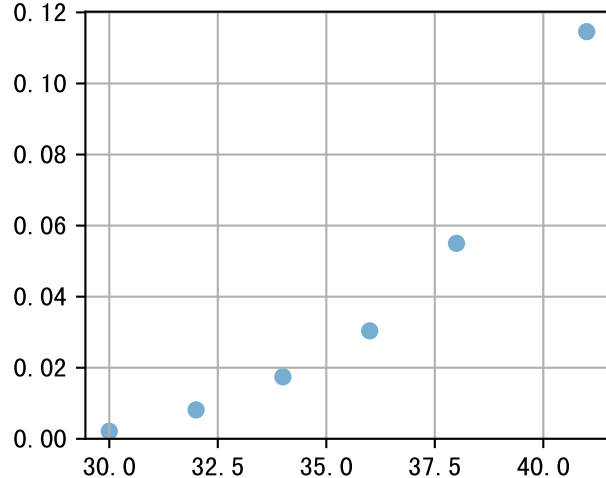
P3-2-16-21T2Fr1 (fit failed)



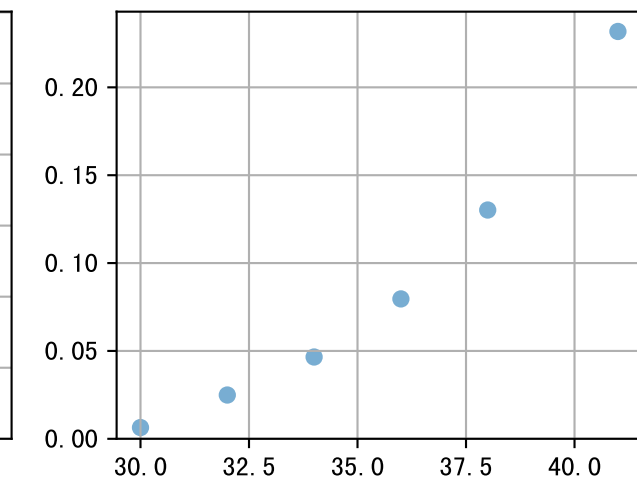
P3-2-24-18T1Fr1 (fit failed)



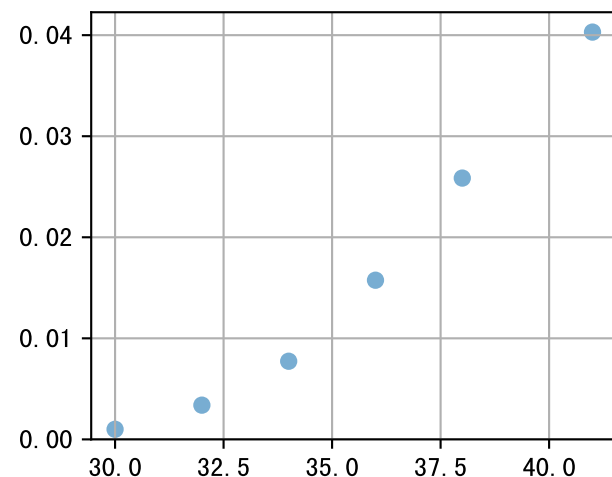
P3-2-24-18T1Fr5 (fit failed)



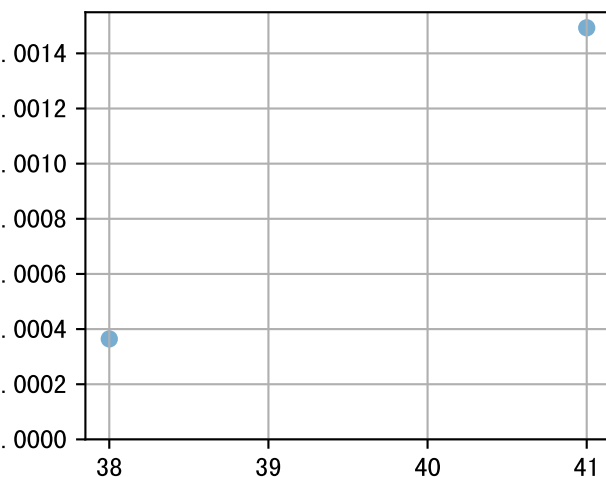
P3-2-40-6T1Fr1 (fit failed)



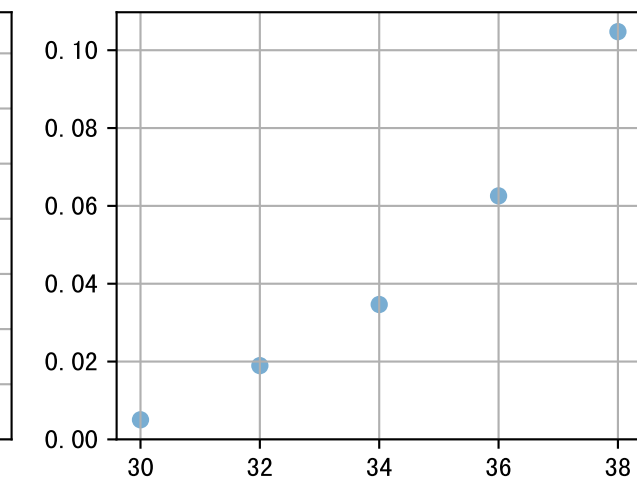
P3-2-40-6T1Fr5 (fit failed)



P3-2-40-6T2Fr1 (fit failed)

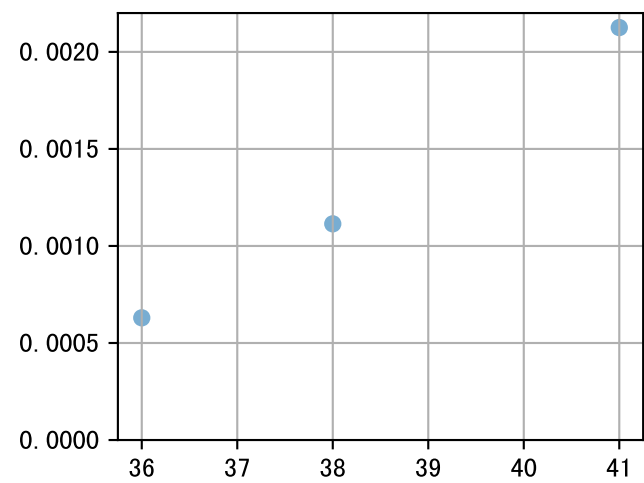


P3-2-55-28T1Fr1 (fit failed)

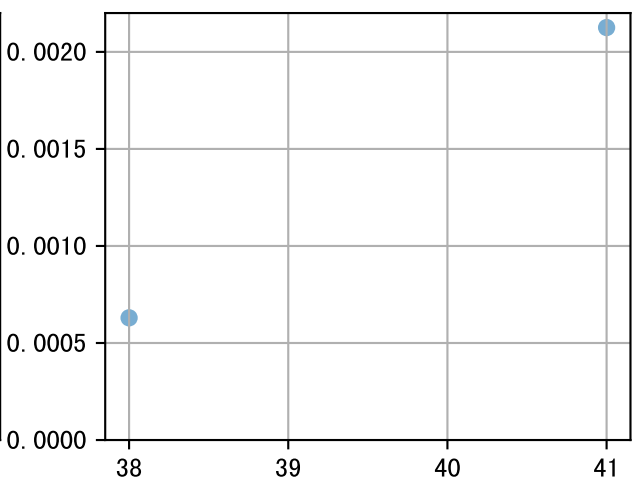


FrV

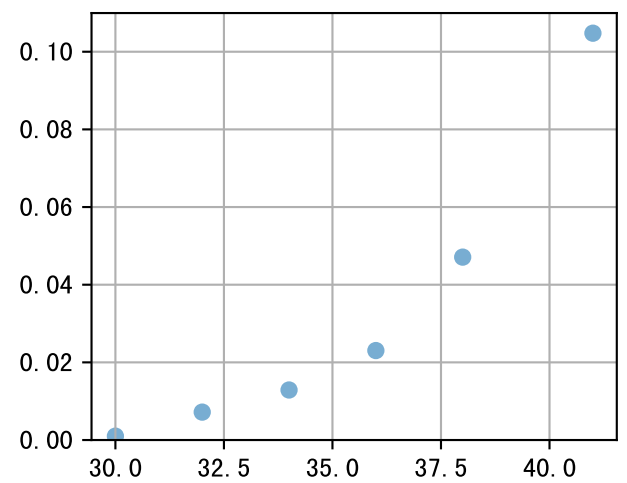
P3-2-55-28T1Fr5 (fit failed)



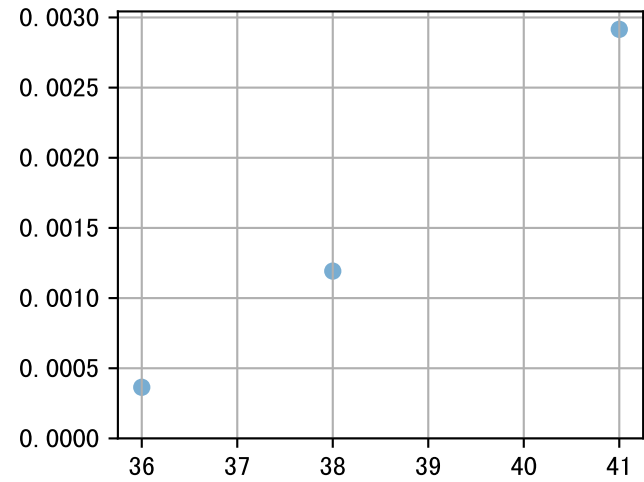
P3-2-55-28T2Fr1 (fit failed)



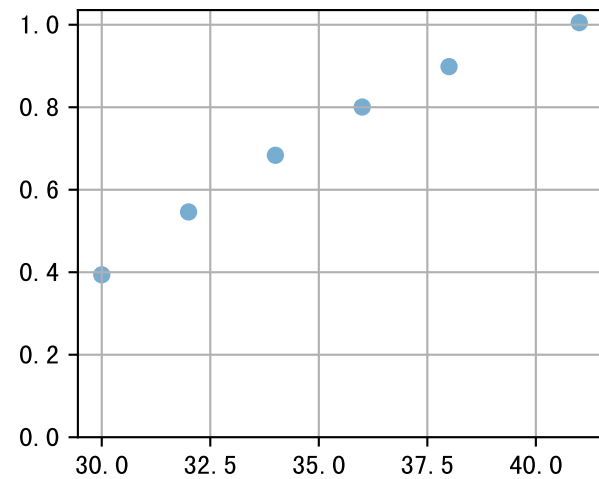
P3-2-9-8T1Fr1 (fit failed)



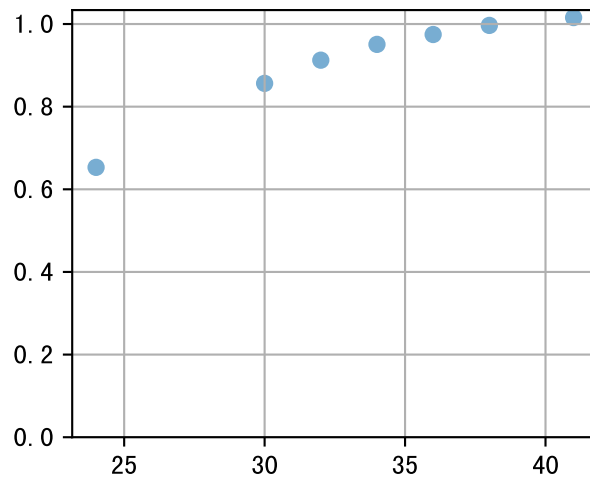
P3-2-9-8T1Fr5 (fit failed)



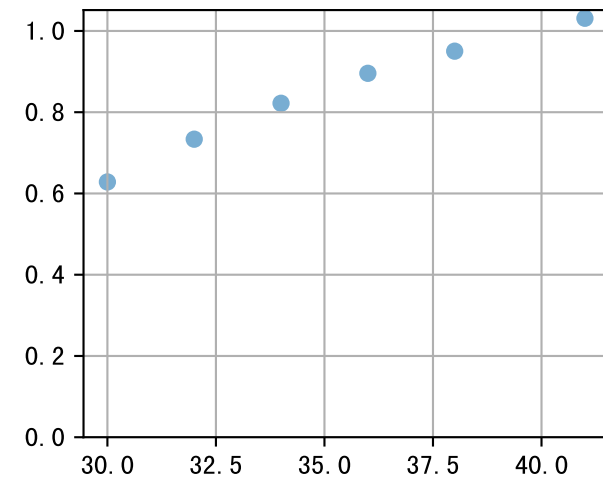
P3-2-16-21L10 (fit failed)



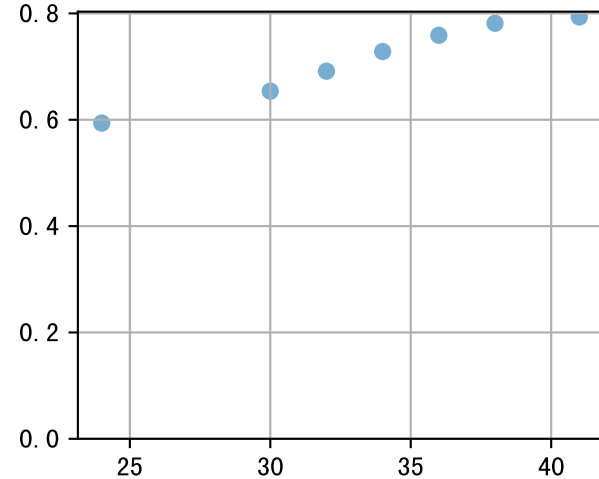
P3-2-16-21L7 (fit failed)



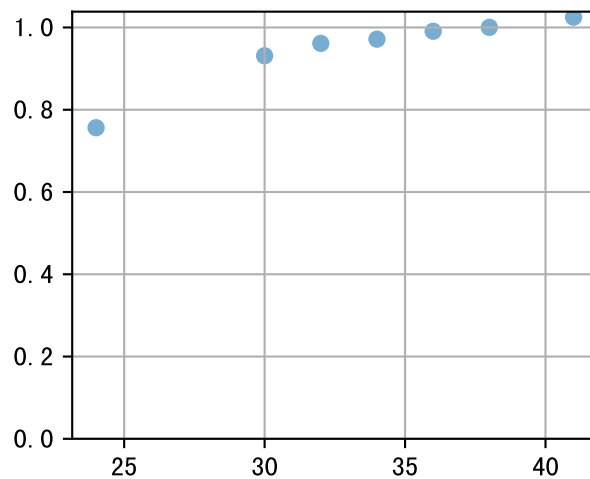
P3-2-24-18L10 (fit failed)



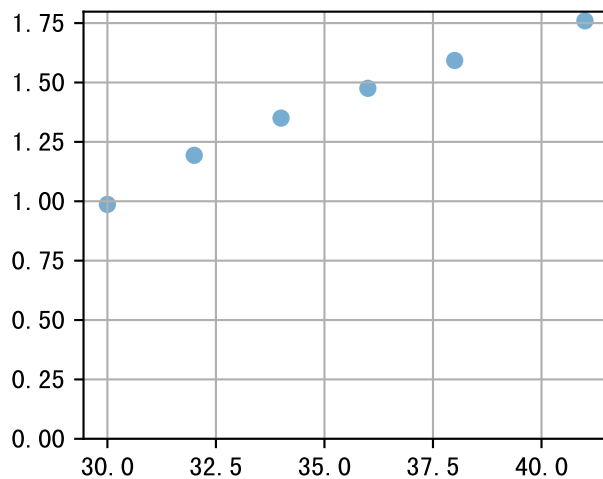
P3-2-24-18L6 (fit failed)



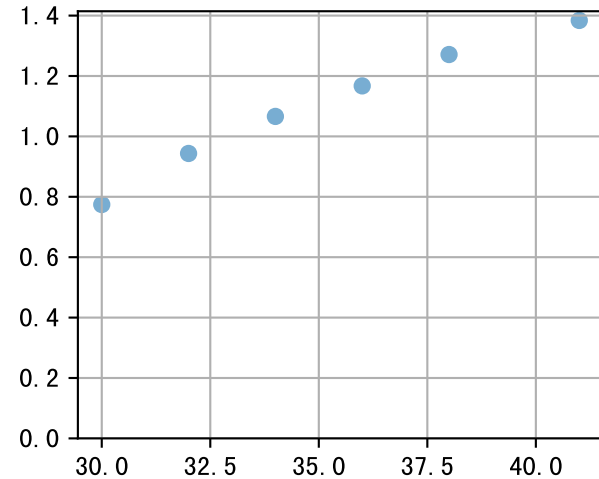
P3-2-40-6L6 (fit failed)



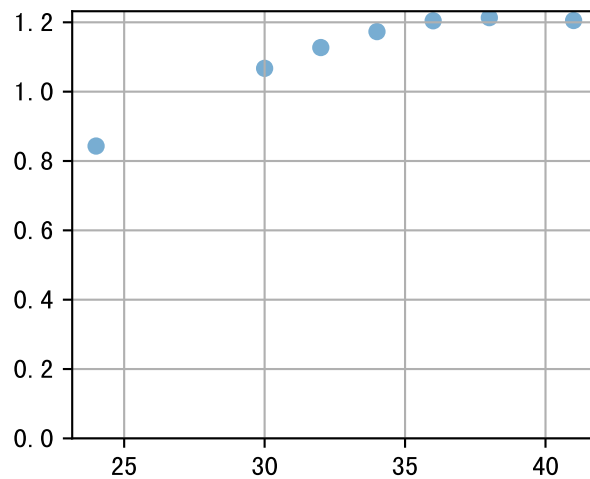
P3-2-40-6L9 (fit failed)



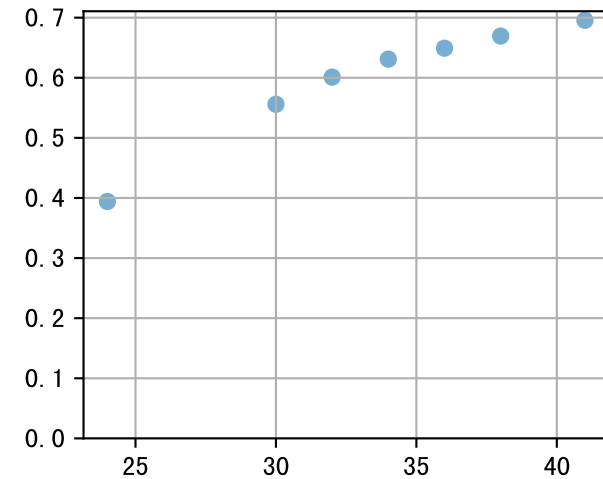
P3-2-55-28L10 (fit failed)



P3-2-55-28L7 (fit failed)

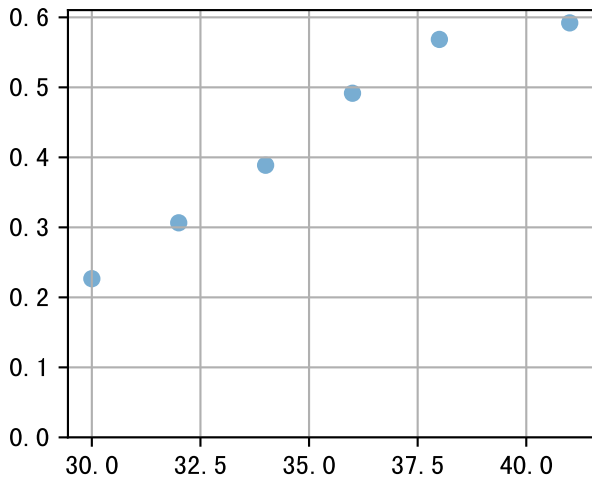


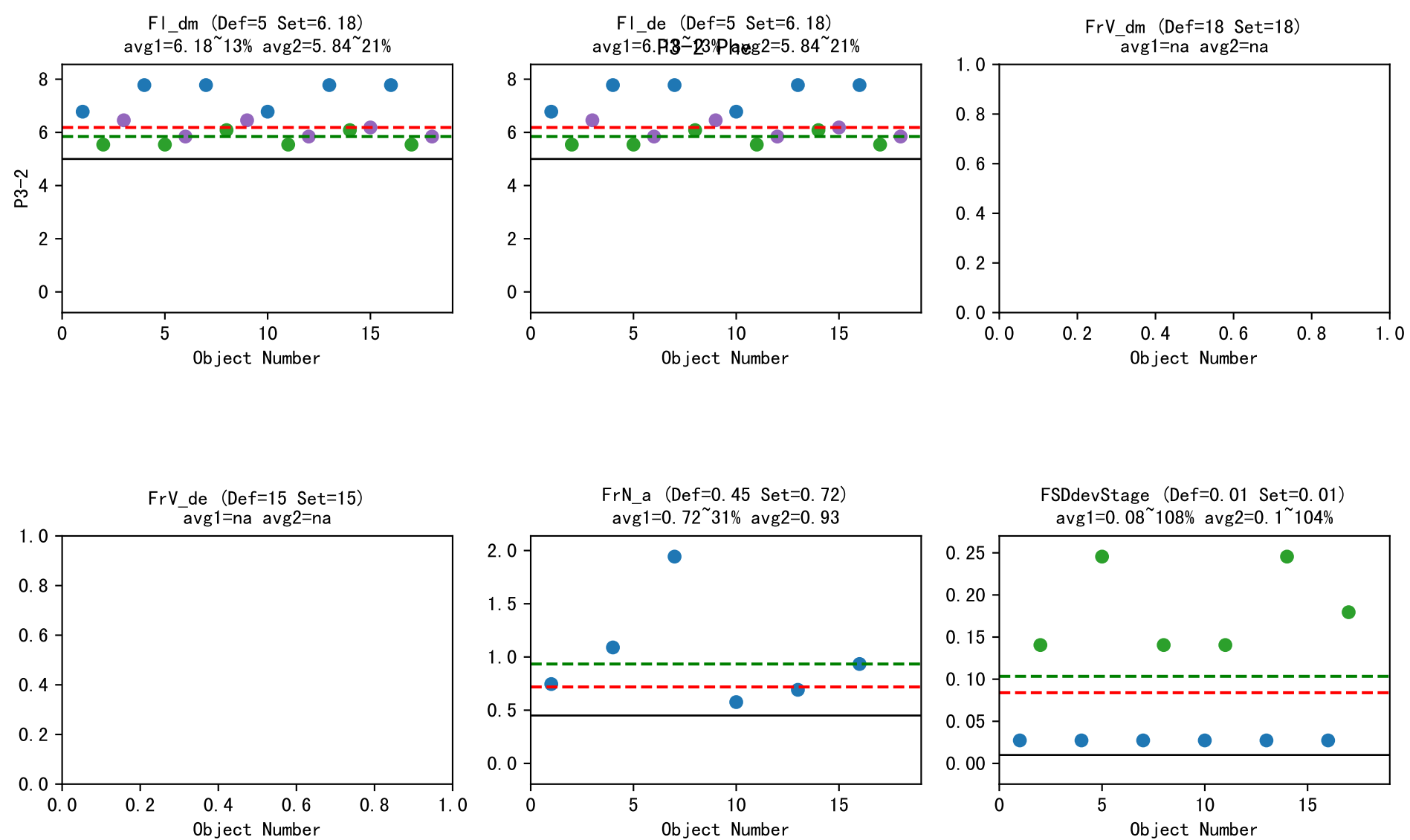
P3-2-9-8L6 (fit failed)



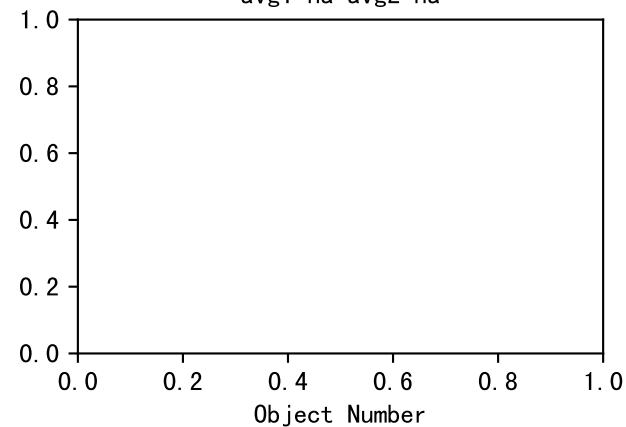
P3-2-9-8L9 (fit failed)

LfA

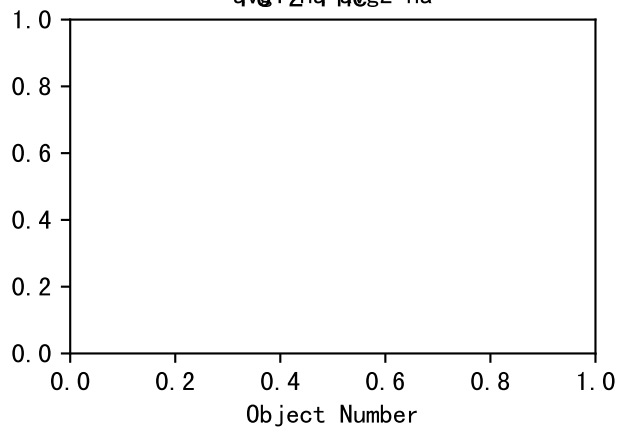




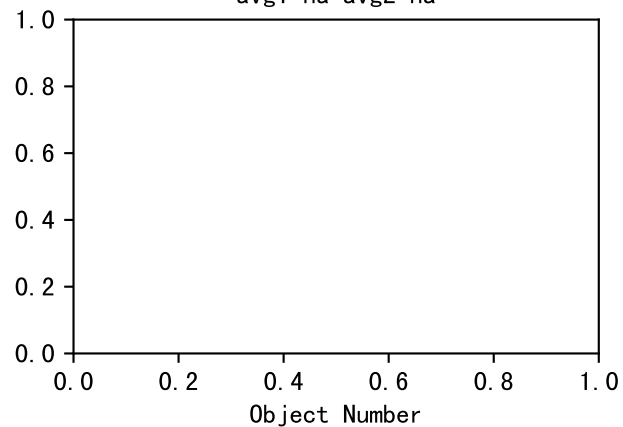
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



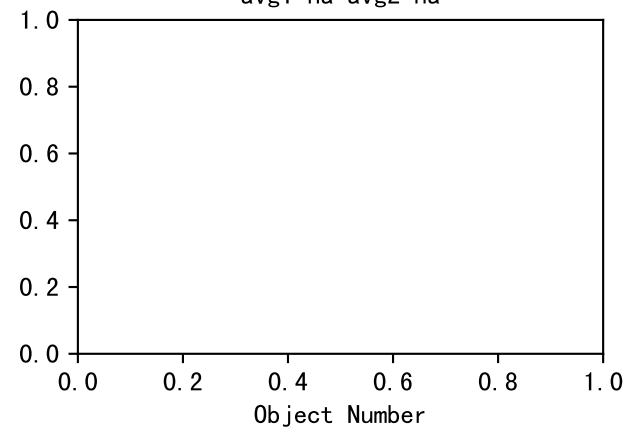
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



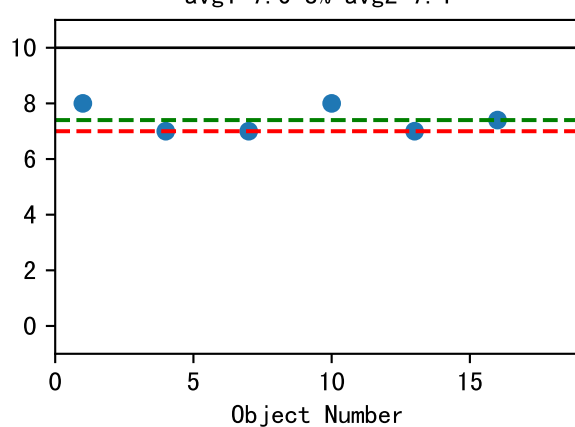
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

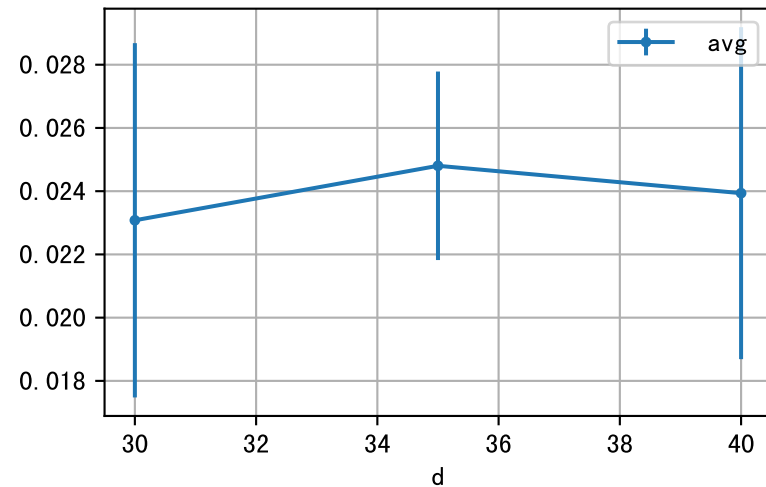


NNgen (Def=10 Set=7)
avg1=7.0~8% avg2=7.4

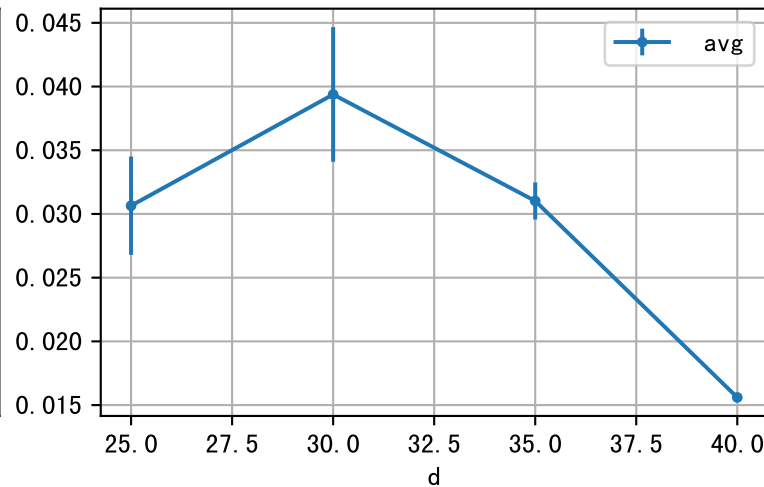


LfA: avg vs. d at each age group

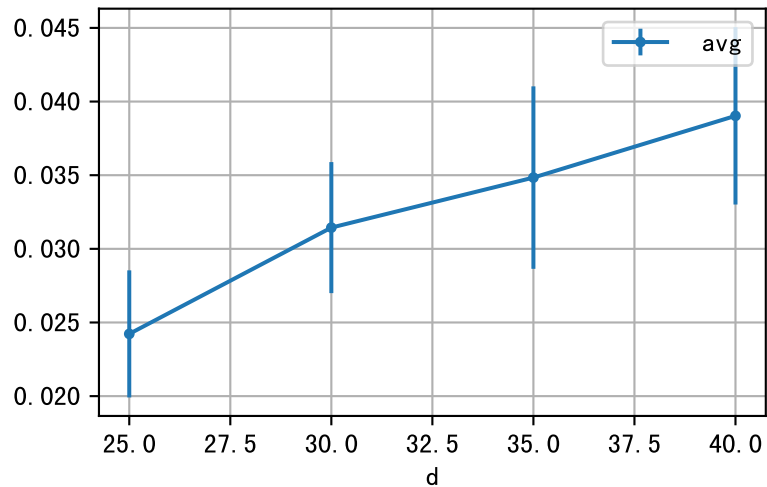
age=20



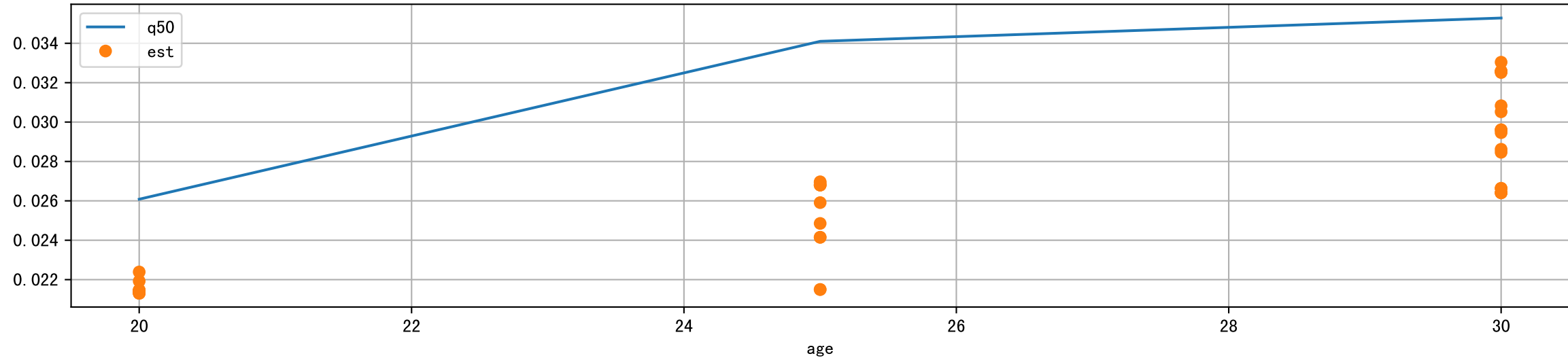
age=25



age=30

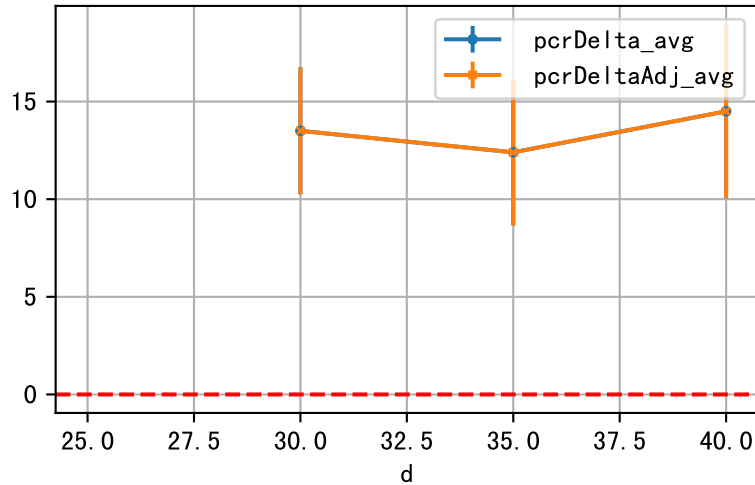


LfA: model est vs obs0v@Q50

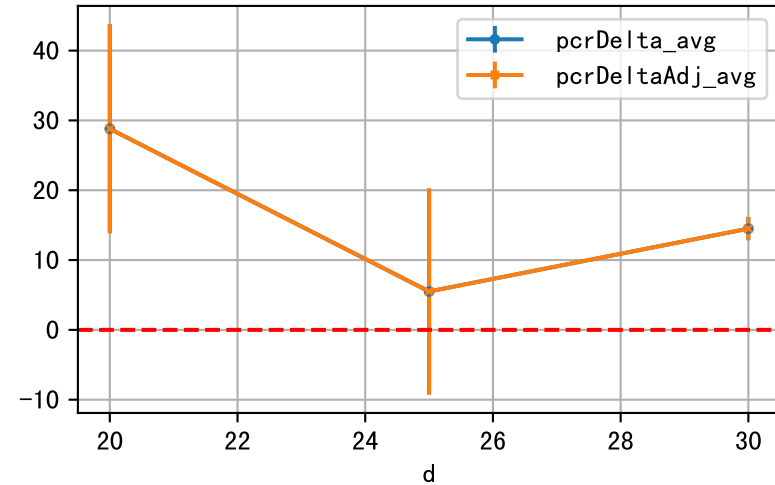


P3-2 LfA: D_5d_LfA

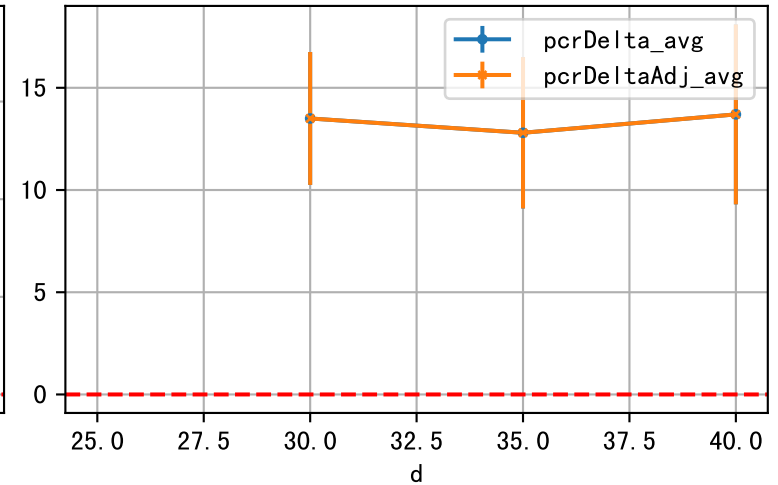
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

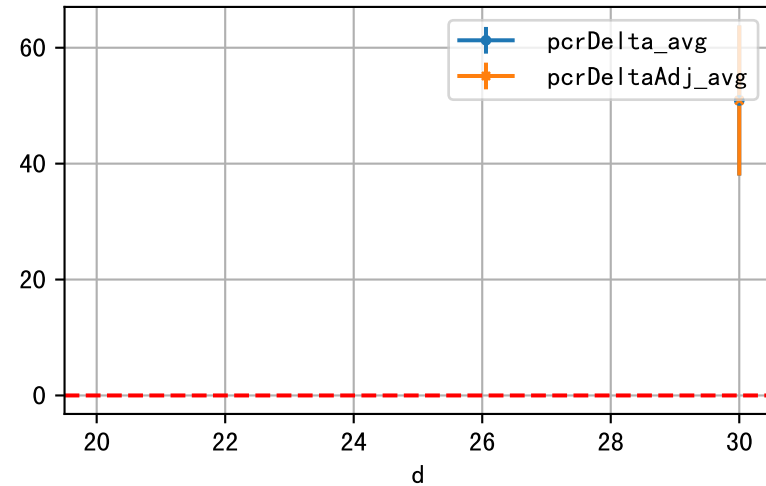


DeltaTypeAbbr=Wei AvgByD

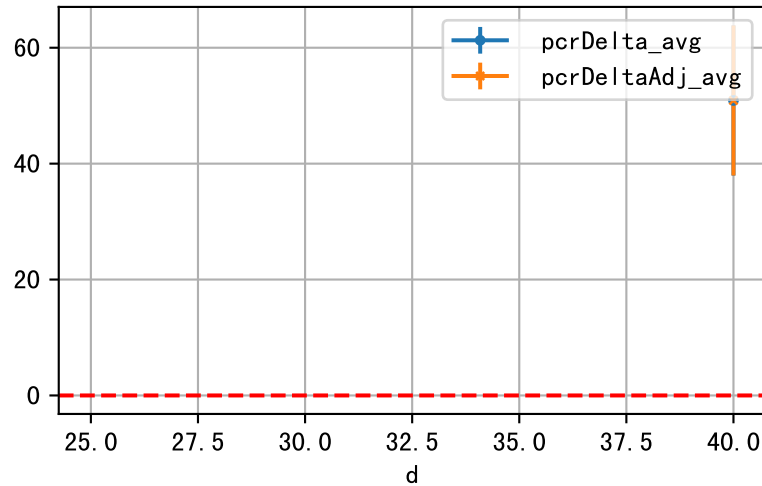


P3-2 LfA: D_15d_LfA

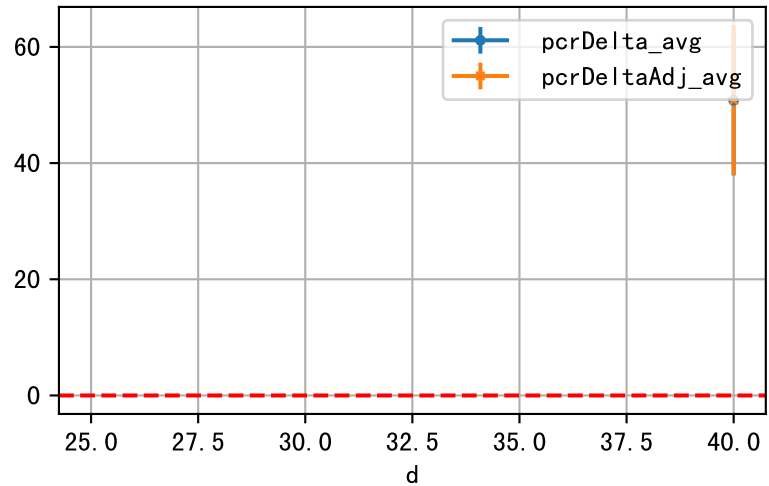
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

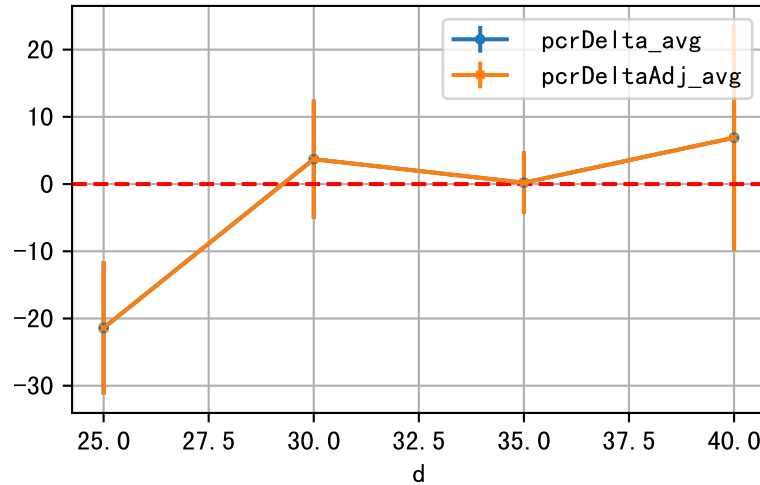


DeltaTypeAbbr=WeiAvgByD

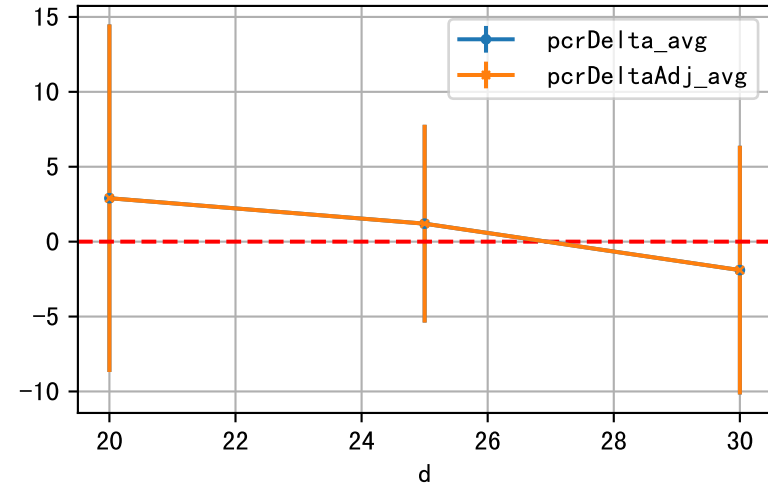


P3-2 LfA: D_Q50_LfA

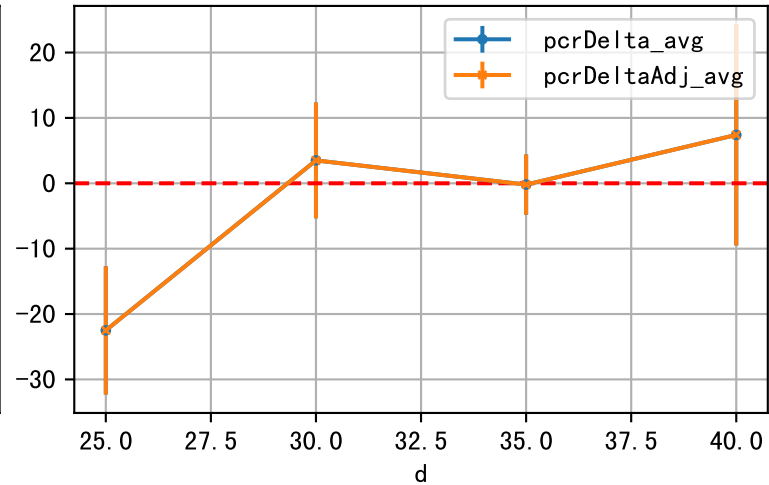
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

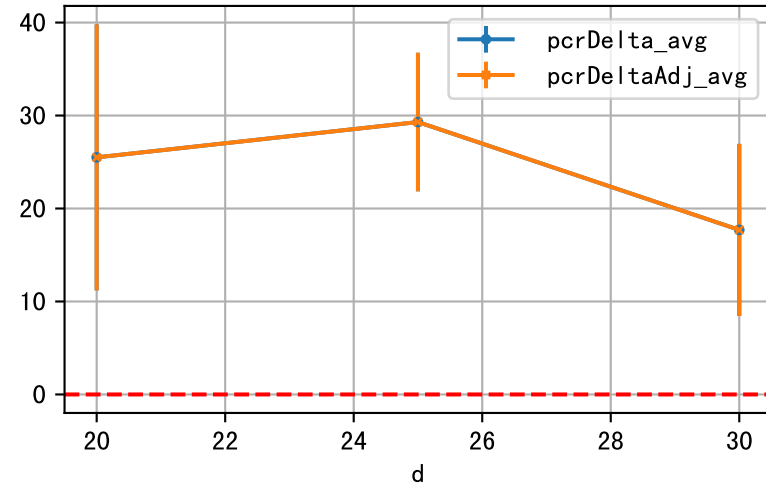


DeltaTypeAbbr=Wei AvgByD

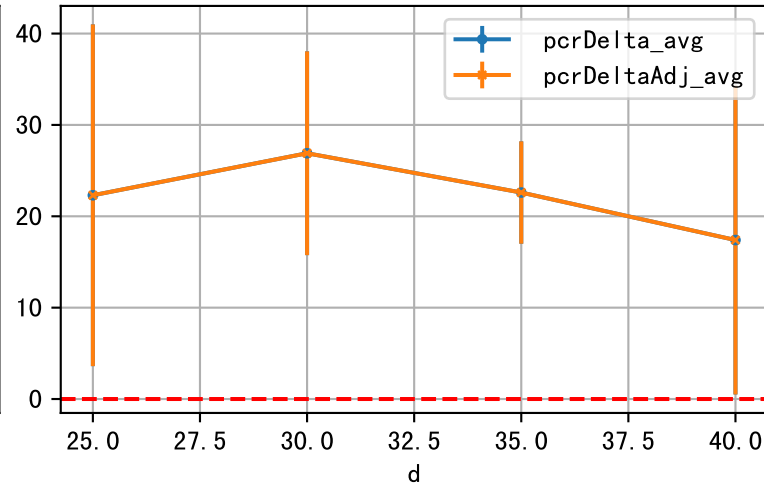


P3-2 LfA: D_Est_LfA

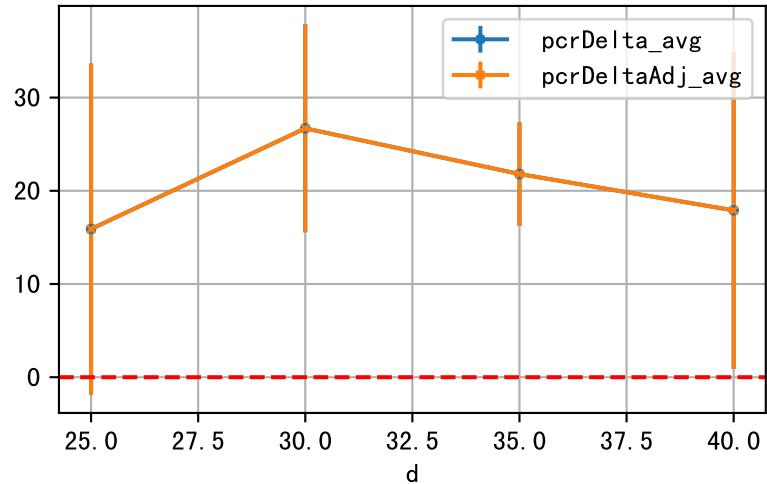
DeltaTypeAbbr=GrpByAge



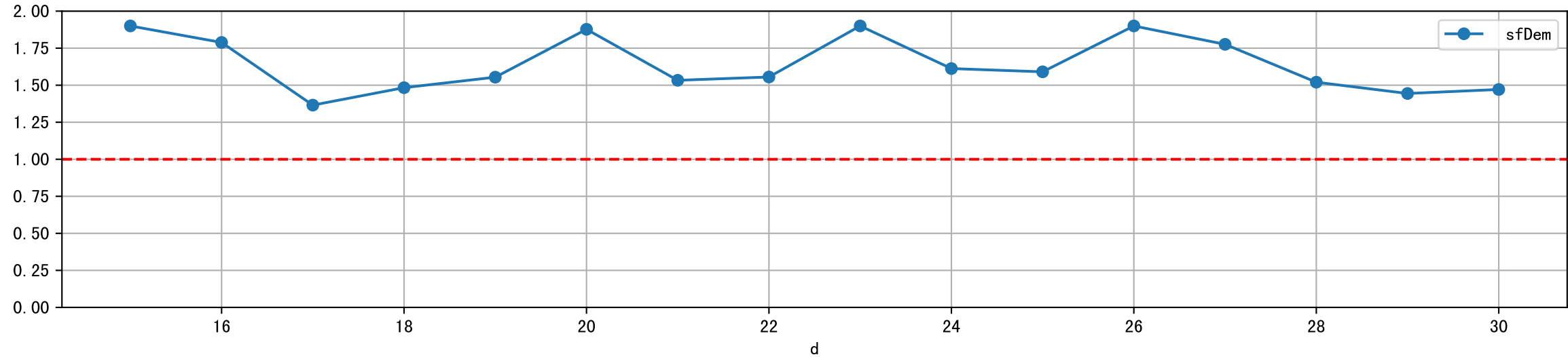
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD



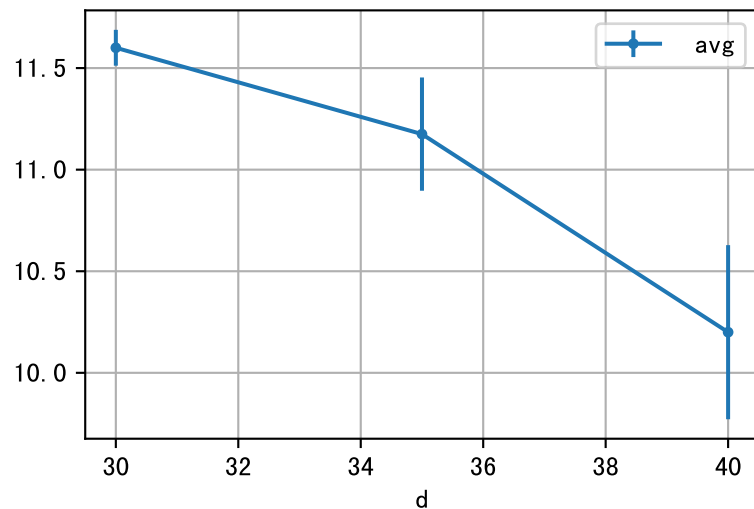
LfA: sfDem



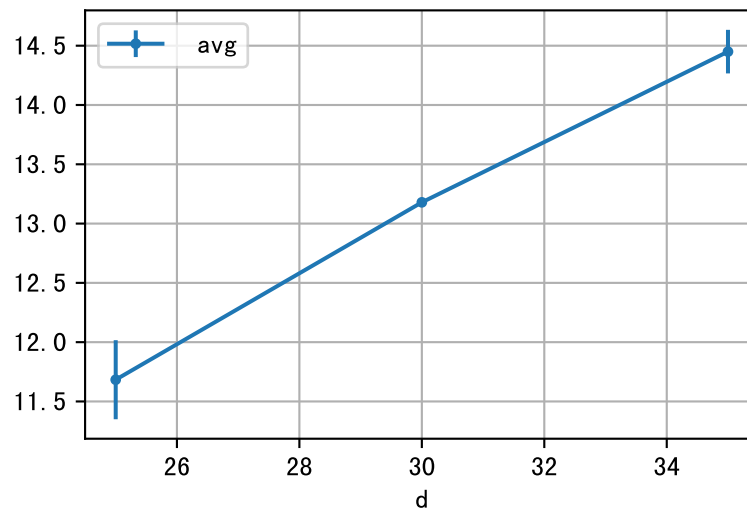


NdD: avg vs. d at each age group

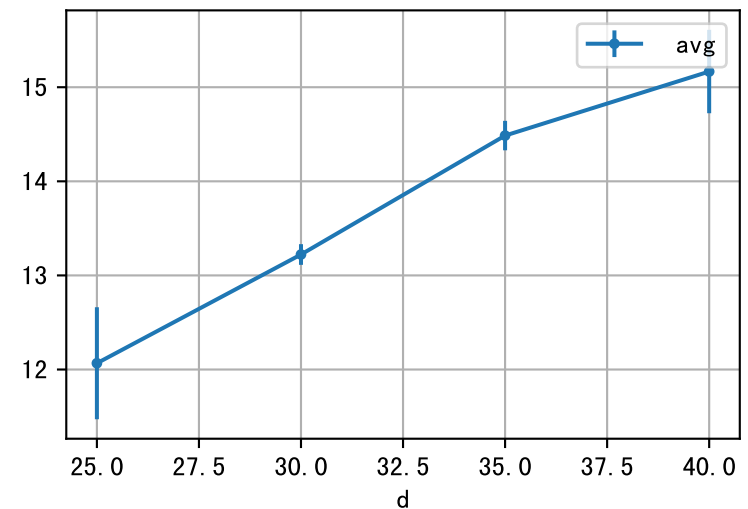
age=20



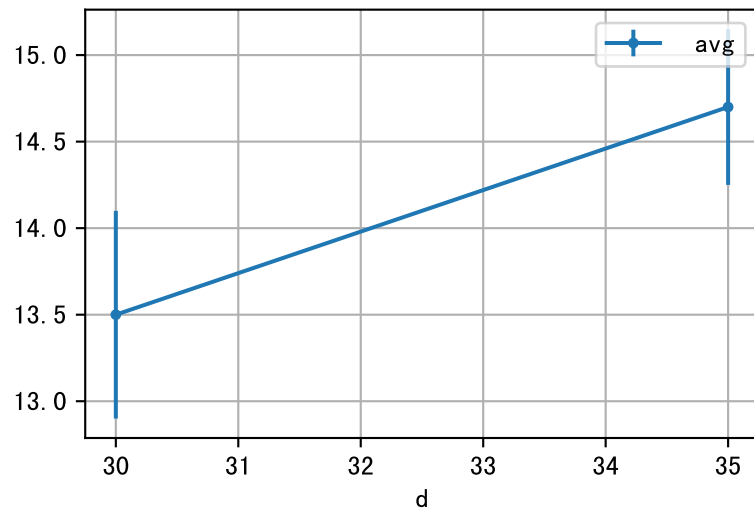
age=25



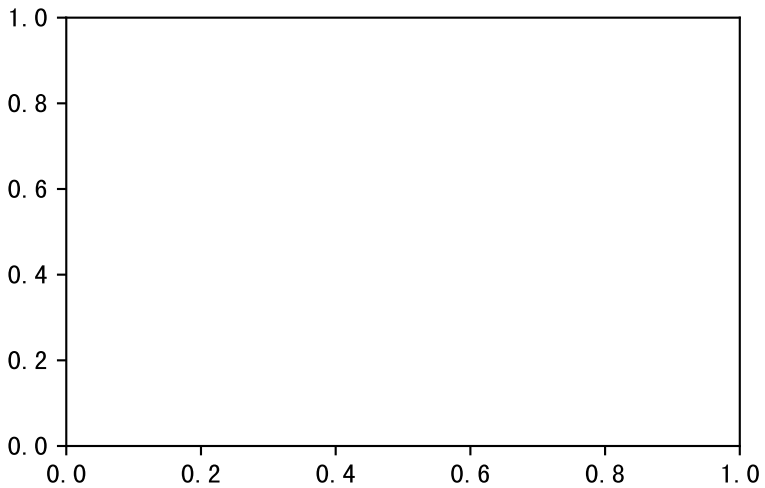
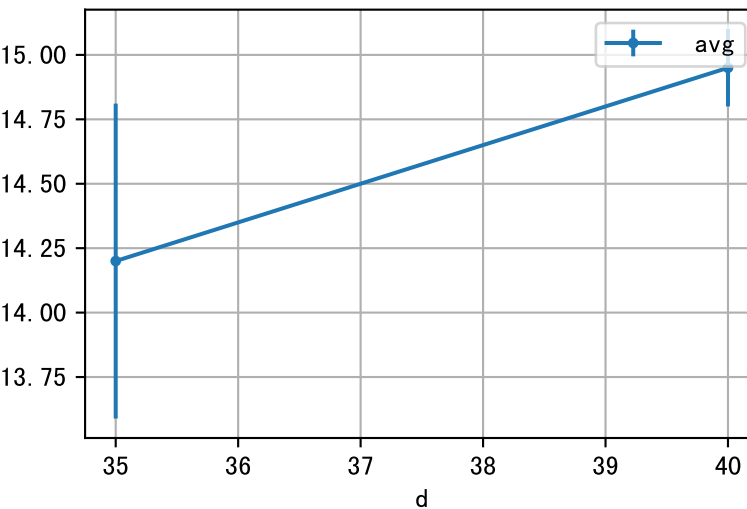
age=30



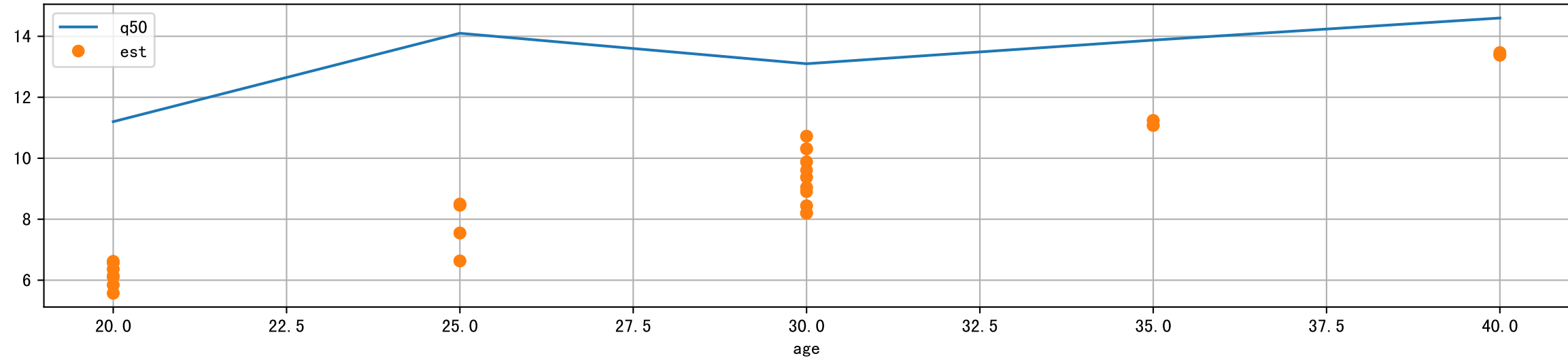
age=35



age=40

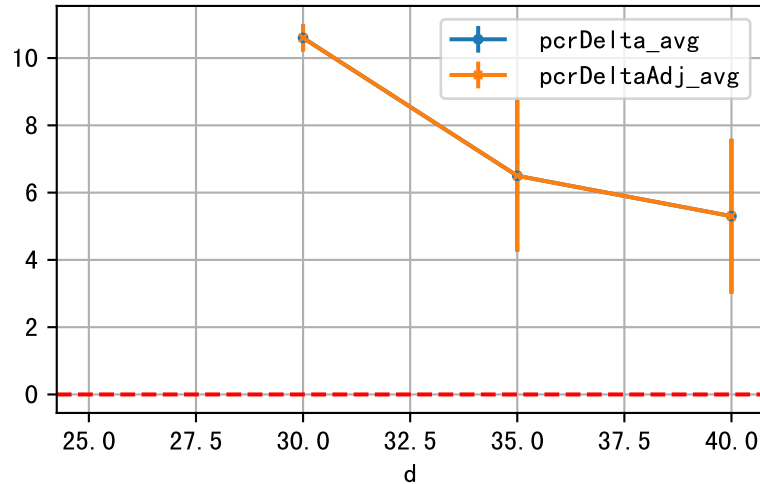


NdD: model est vs obs0v@Q50

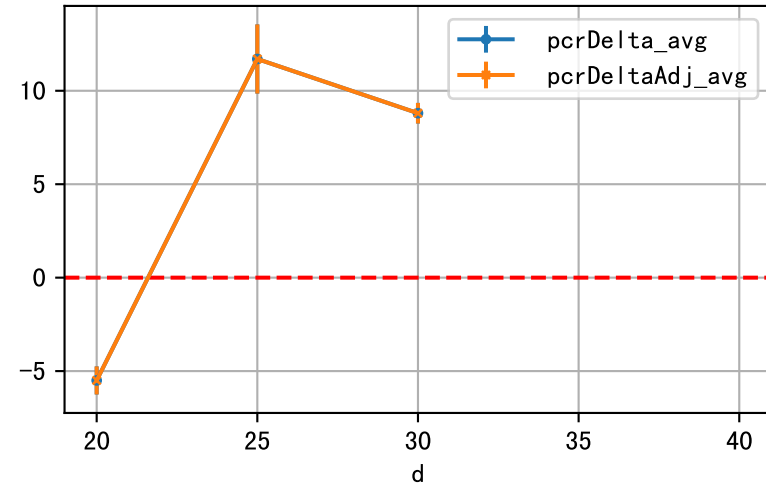


P3-2 NdD: D_5d_NdD

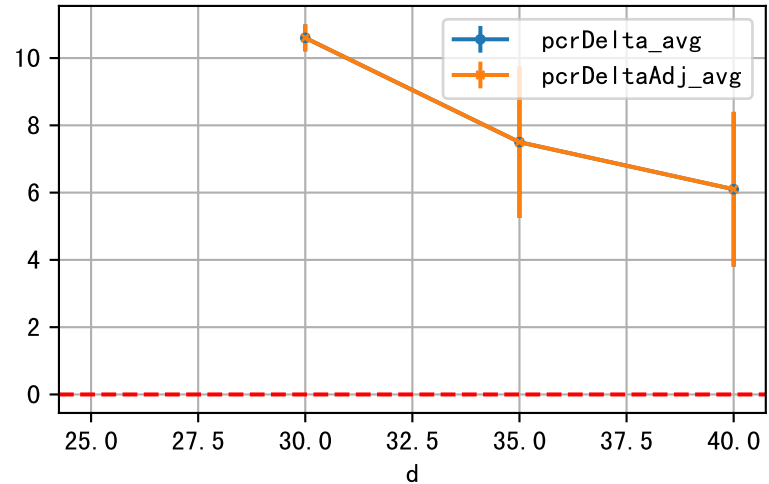
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=Wei AvgByD

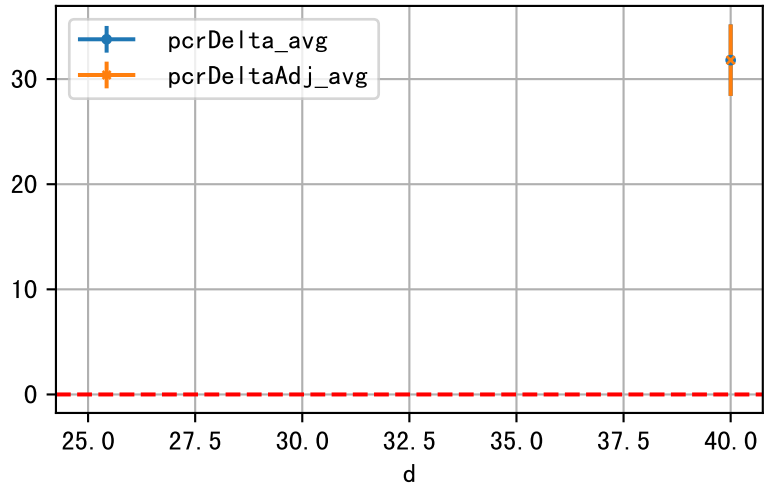
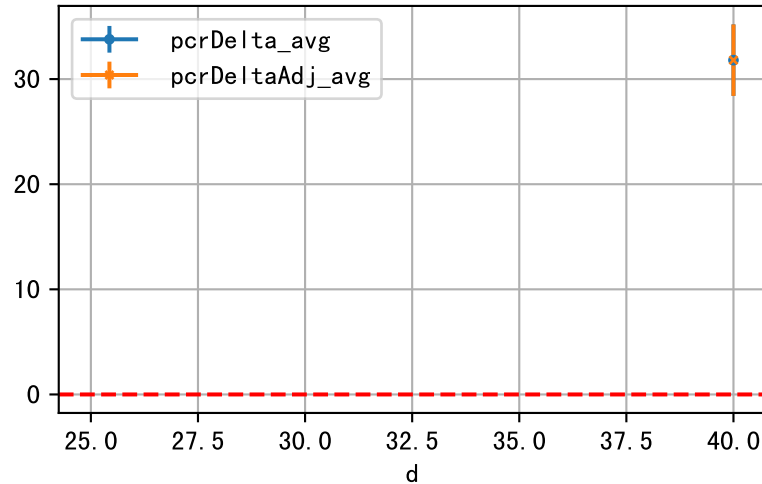
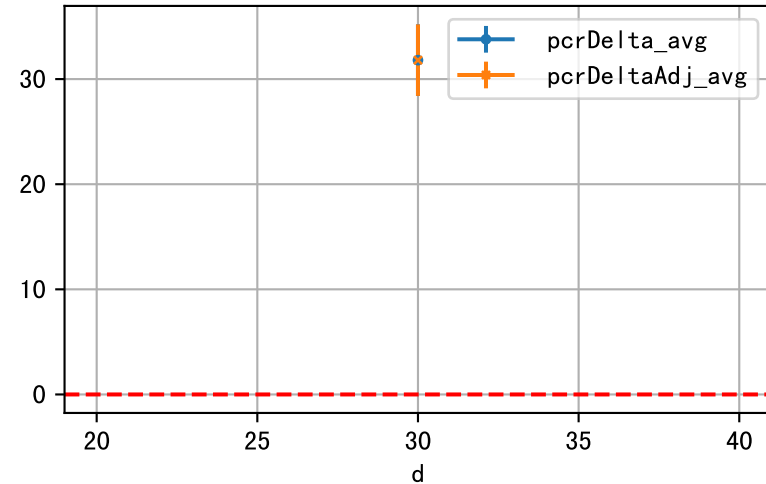


P3-2 NdD: D_15d_NdD

DeltaTypeAbbr=GrpByAge

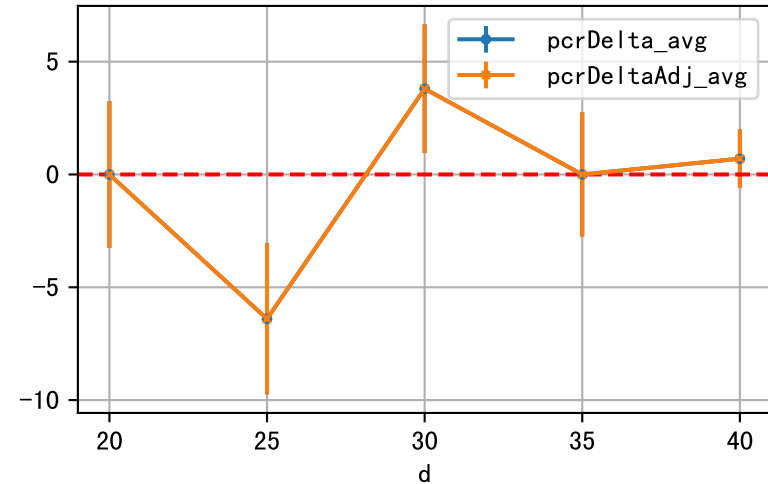
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

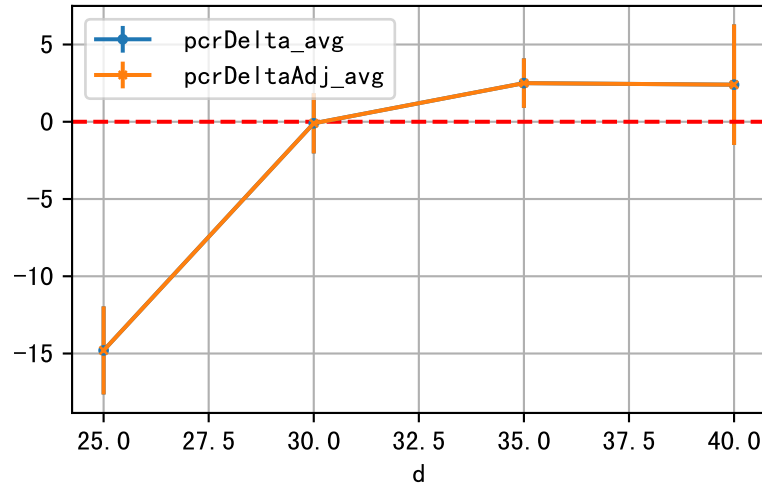


P3-2 NdD: D_Q50_NdD

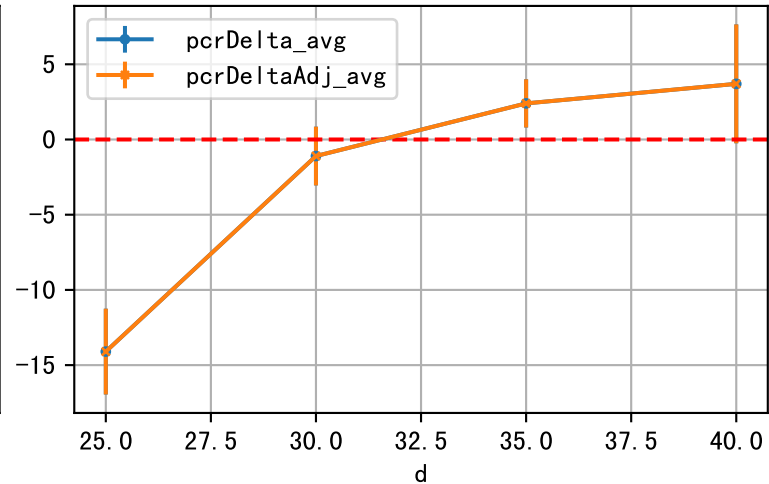
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

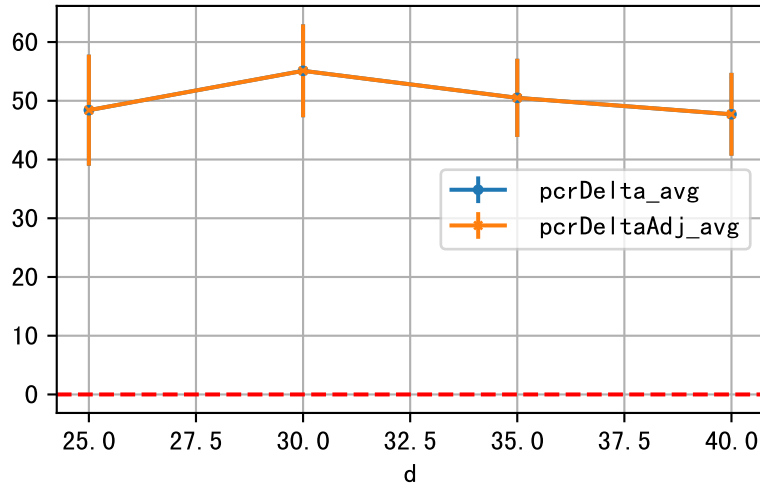


DeltaTypeAbbr=WeiAvgByD

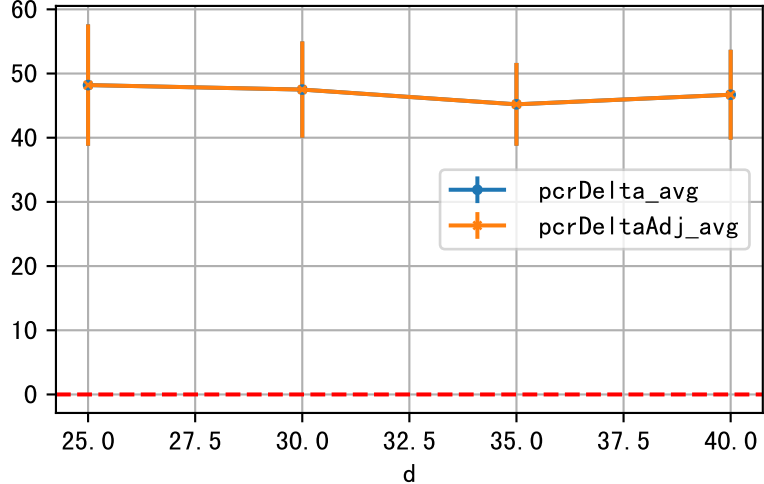


P3-2 NdD: D_Est_NdD

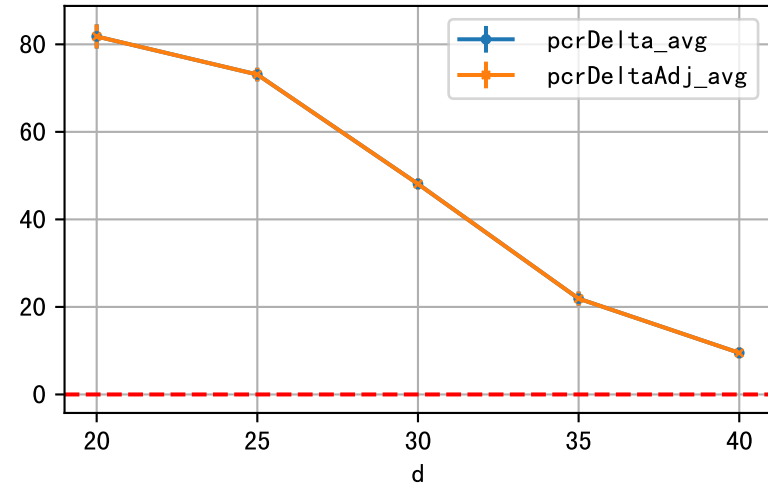
DeltaTypeAbbr=GrpByDay



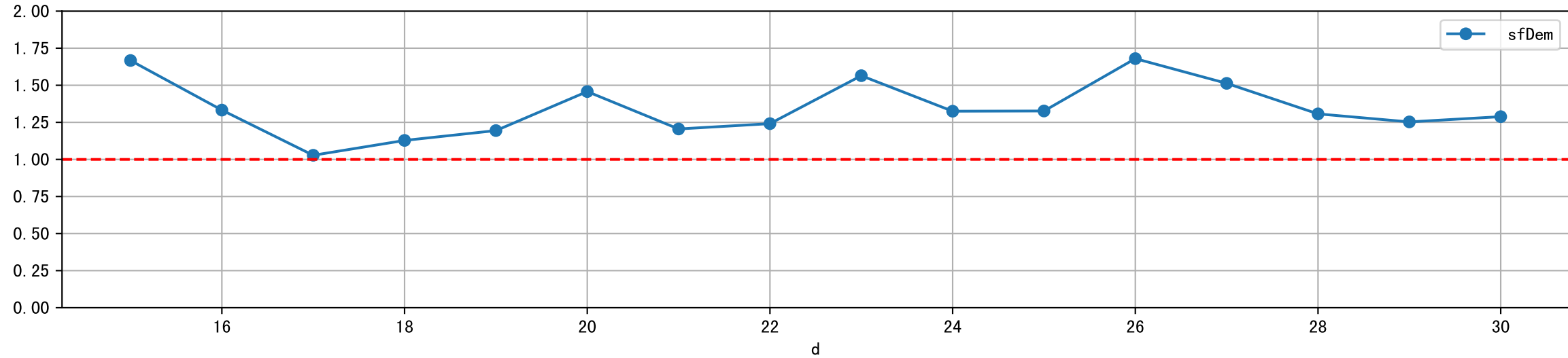
DeltaTypeAbbr=WeiAvgByD



DeltaTypeAbbr=GrpByAge

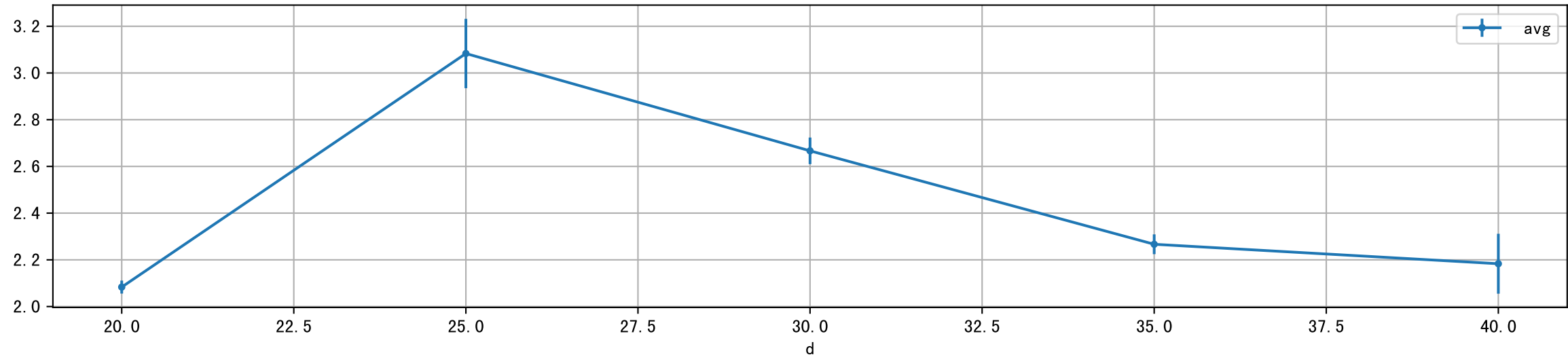


NdD: sfDem

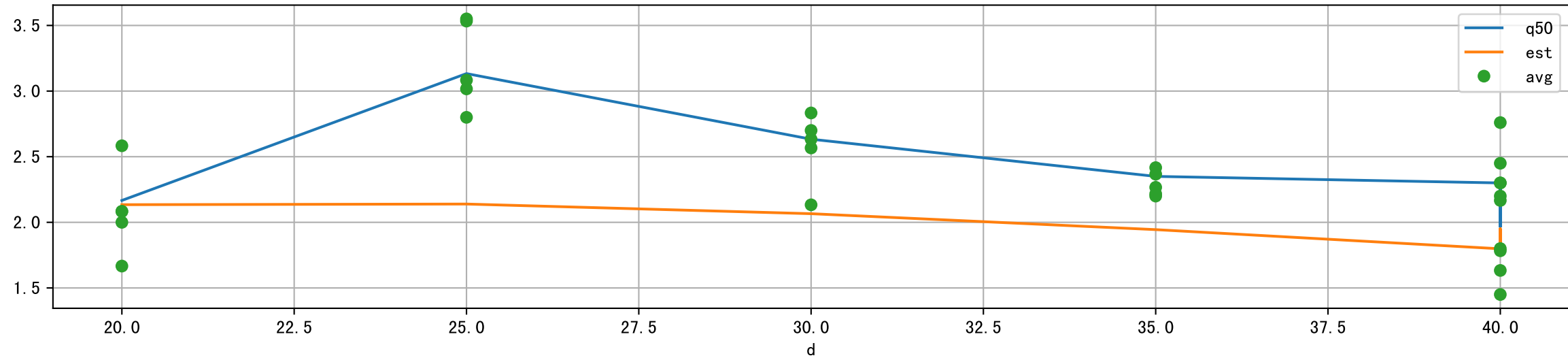




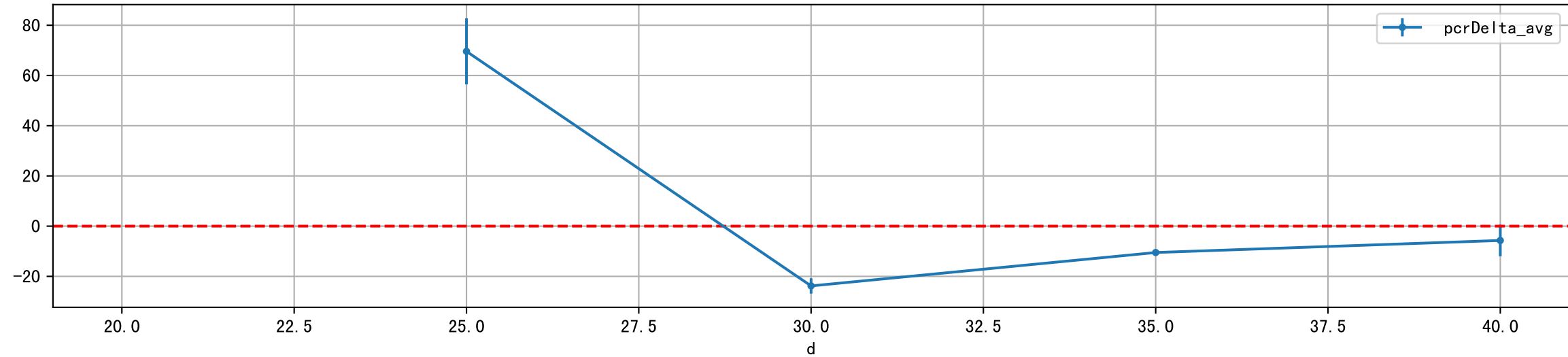
dStH: avg vs. d



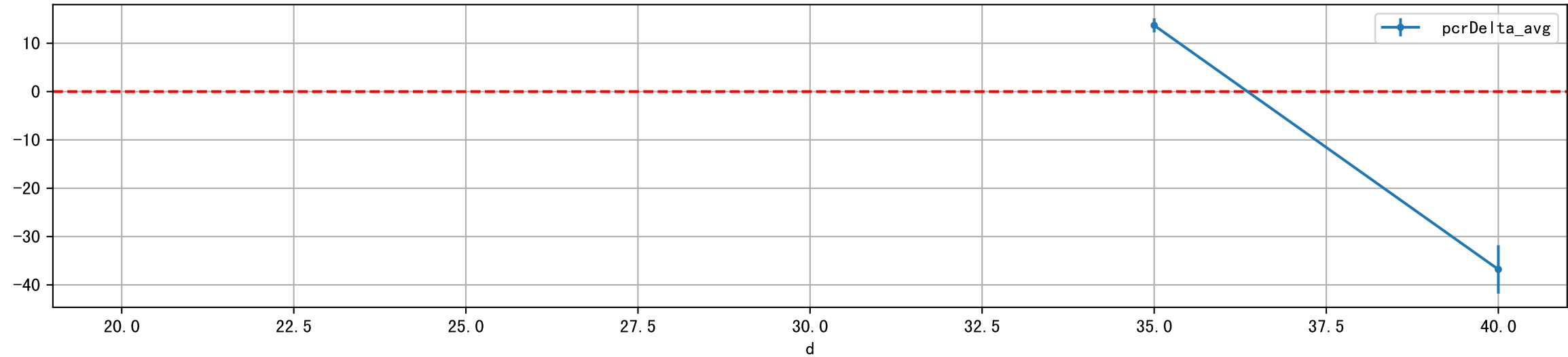
dStH: obsAvg vs obs0v@Q50



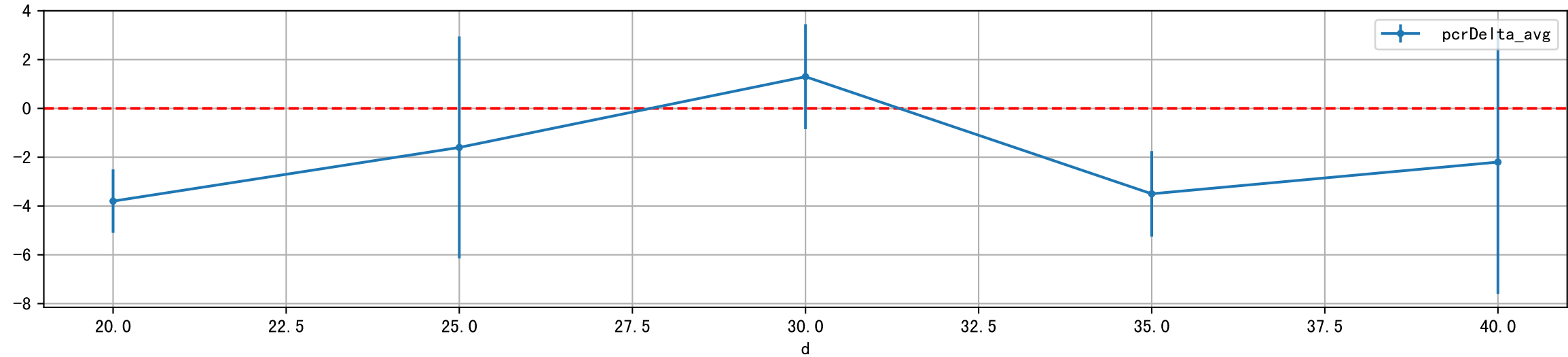
dStH: D_5d_StH



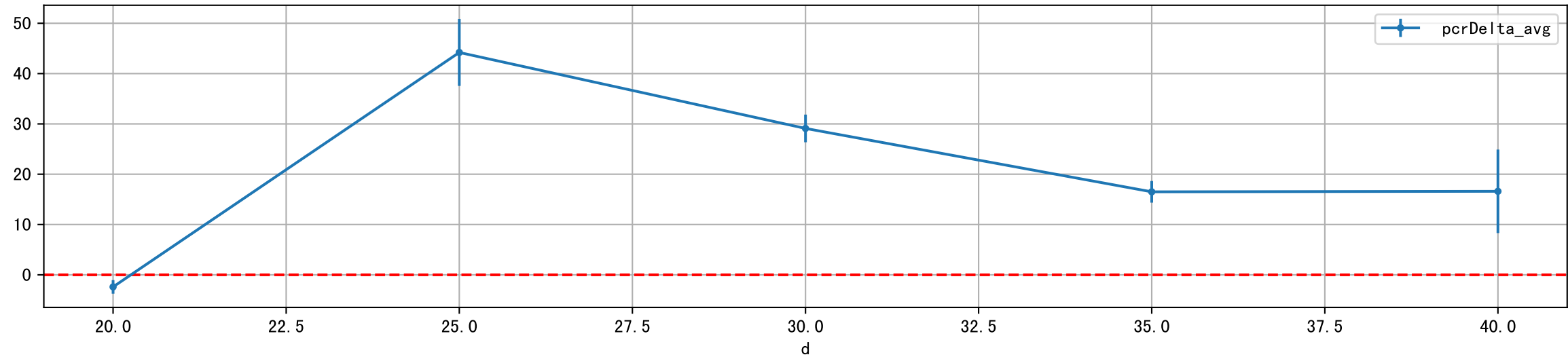
dStH: D_15d_StH



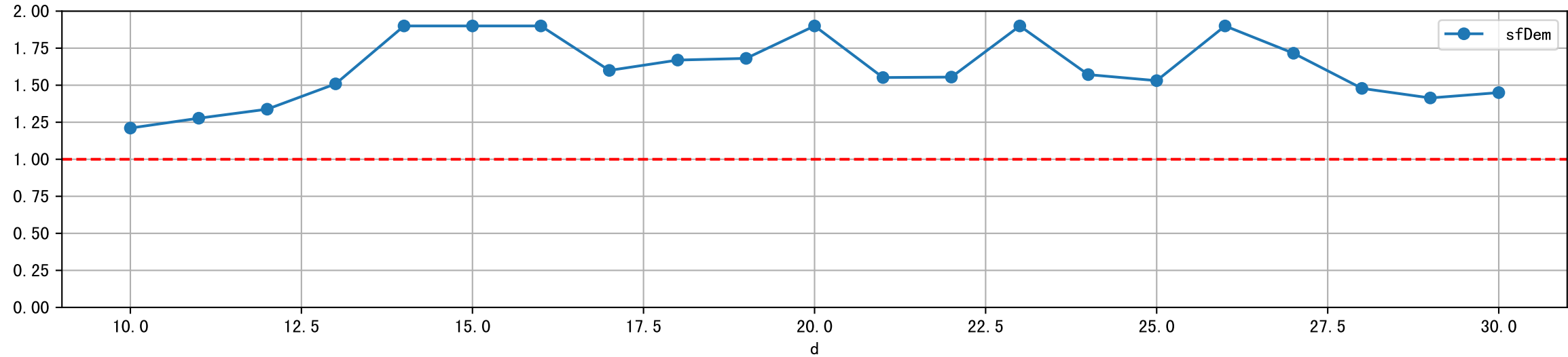
dStH: D_Q50_StH

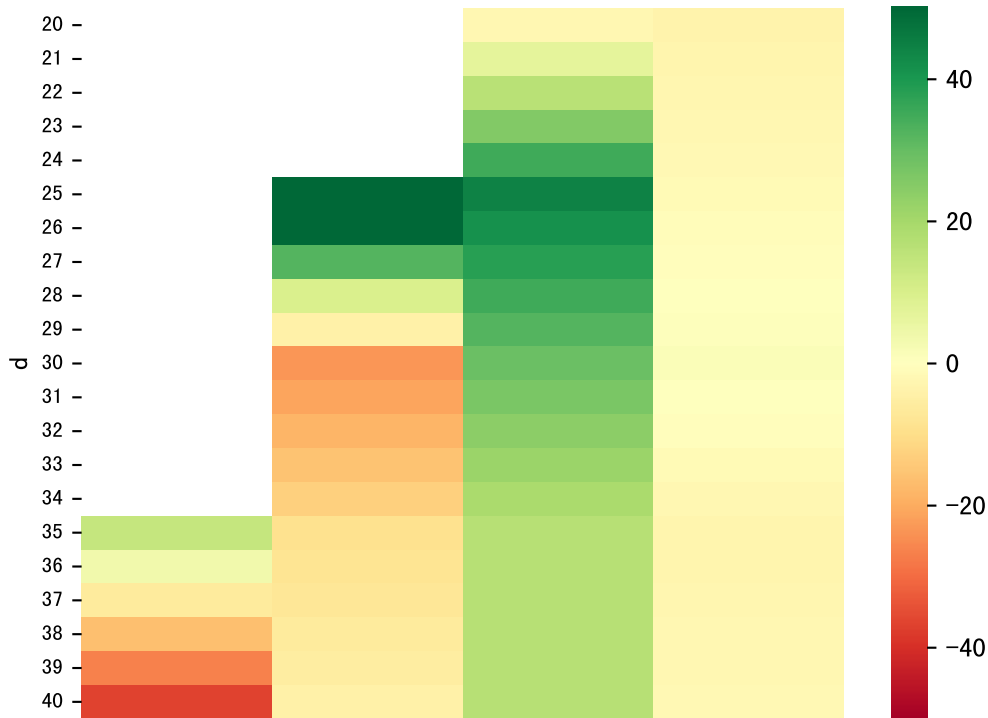


dStH: D_Est_StH

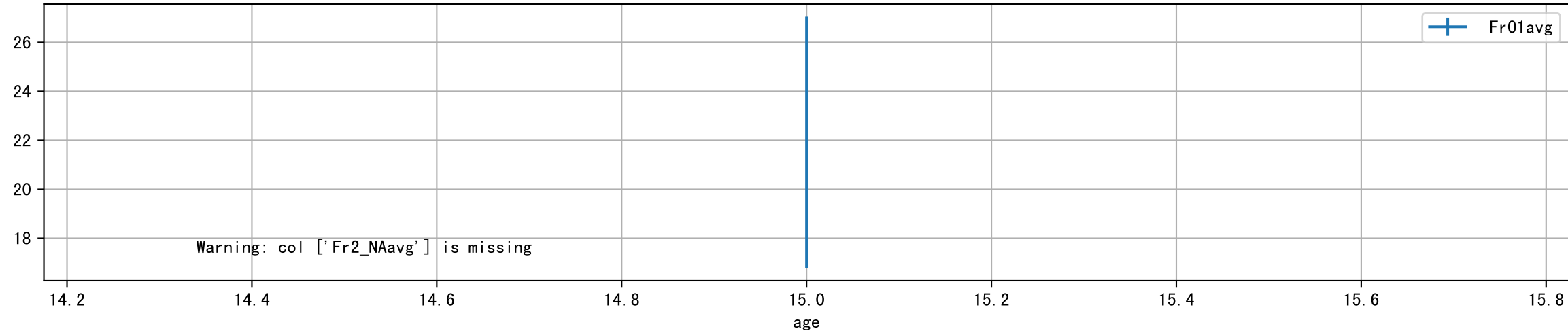


dStH: sfDem



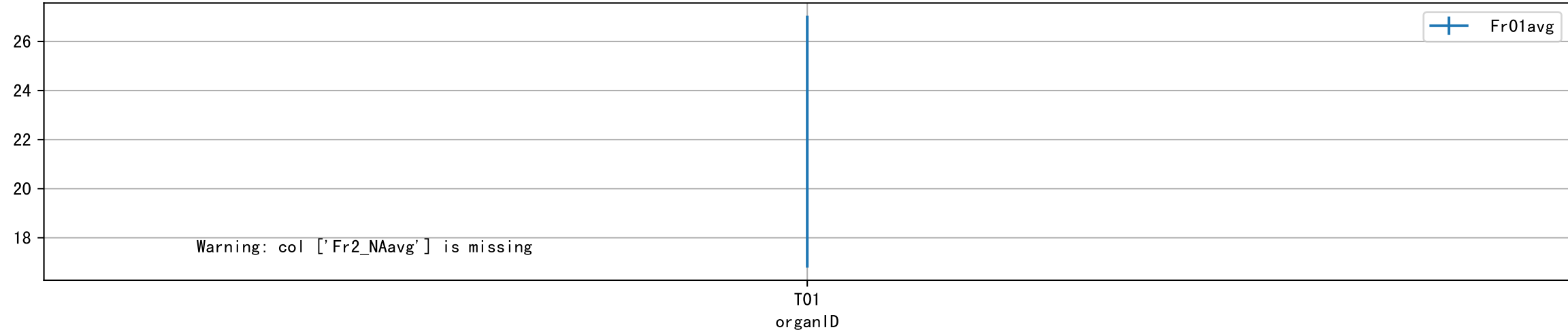


FrV: Fr01 vs Fr2_NA at each truss
organID=T01

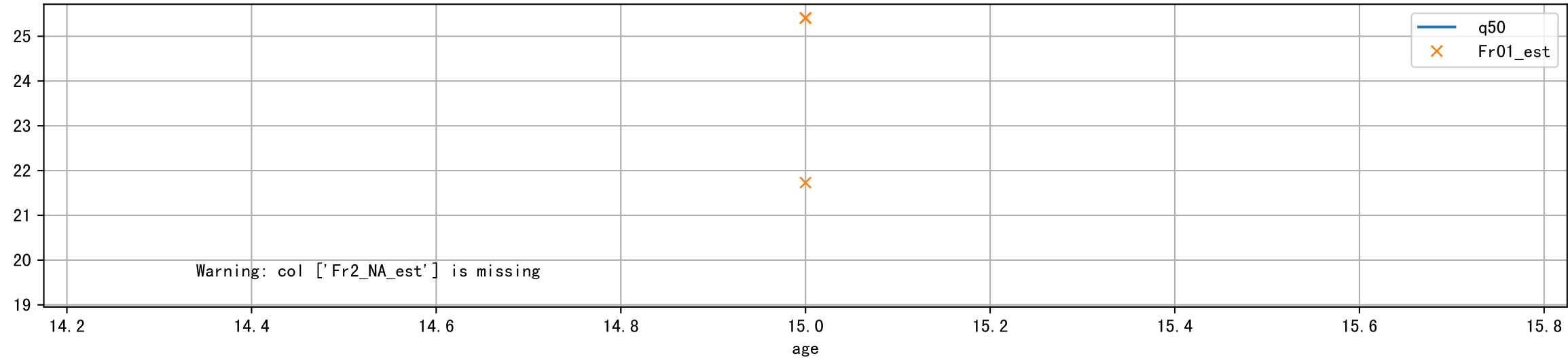


FrV trend at each age

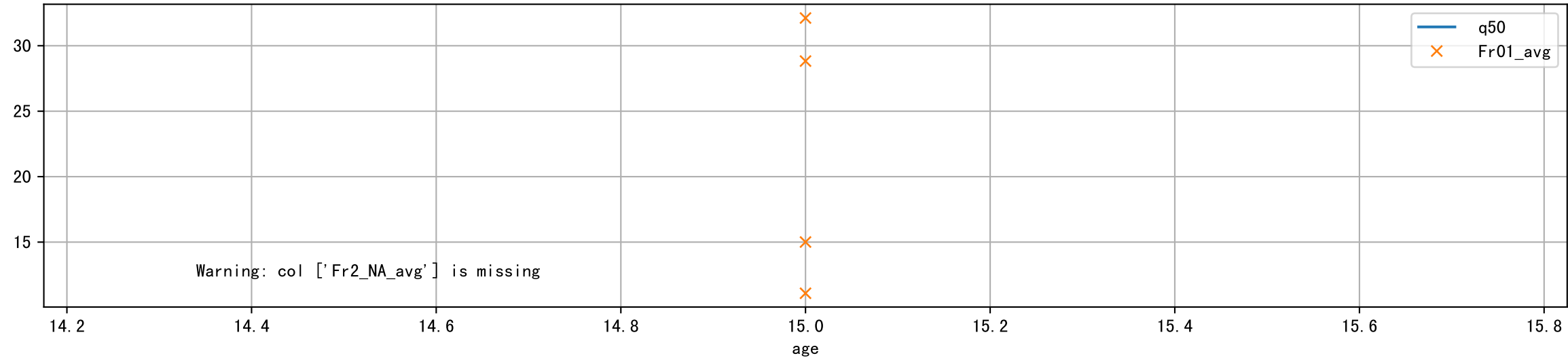
age=15



FrV: model Est vs obsFrV at Q90

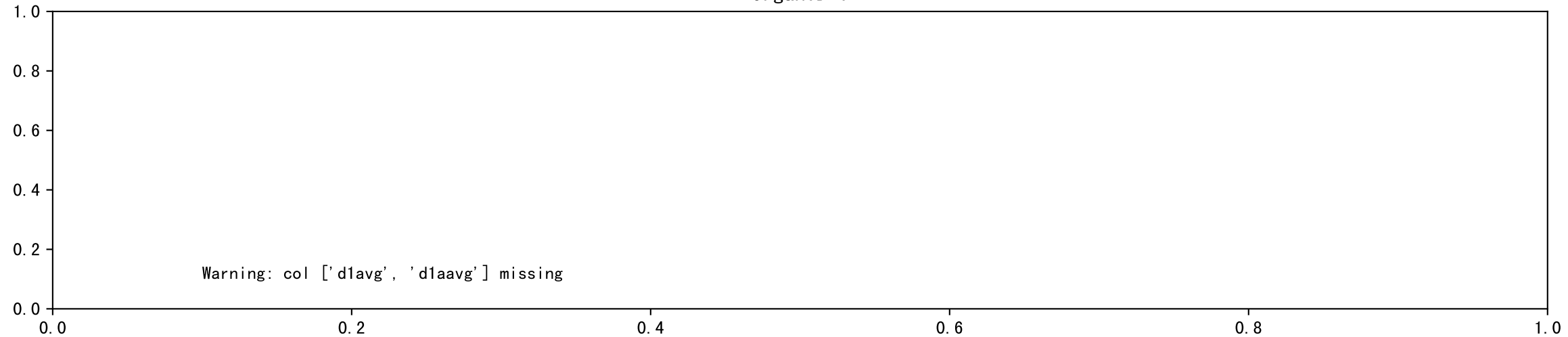


FrV: obsFrV vs obsFrV@Q90



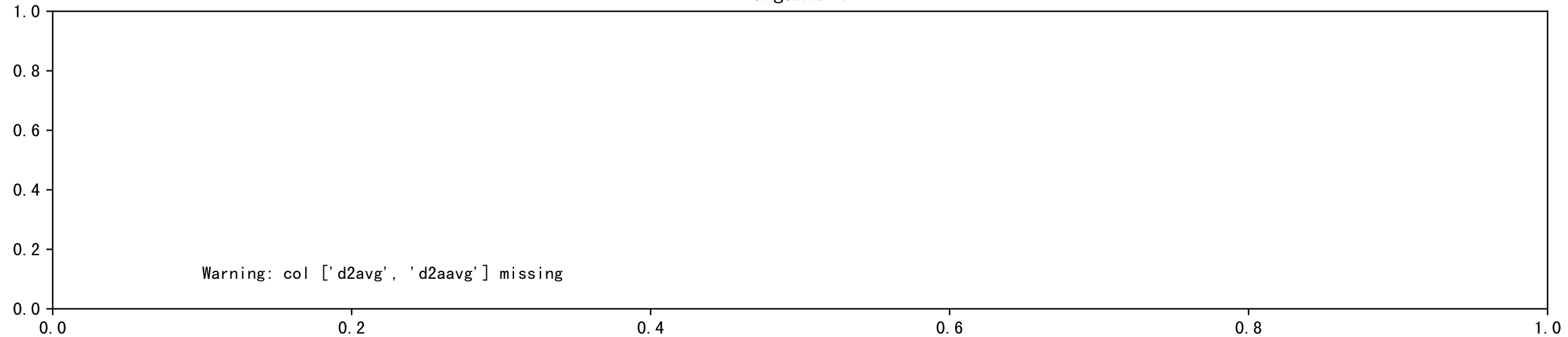
FrV: D_Fr1_FrV
organID=1

Warning: col ['d1avg', 'd1aavg'] missing

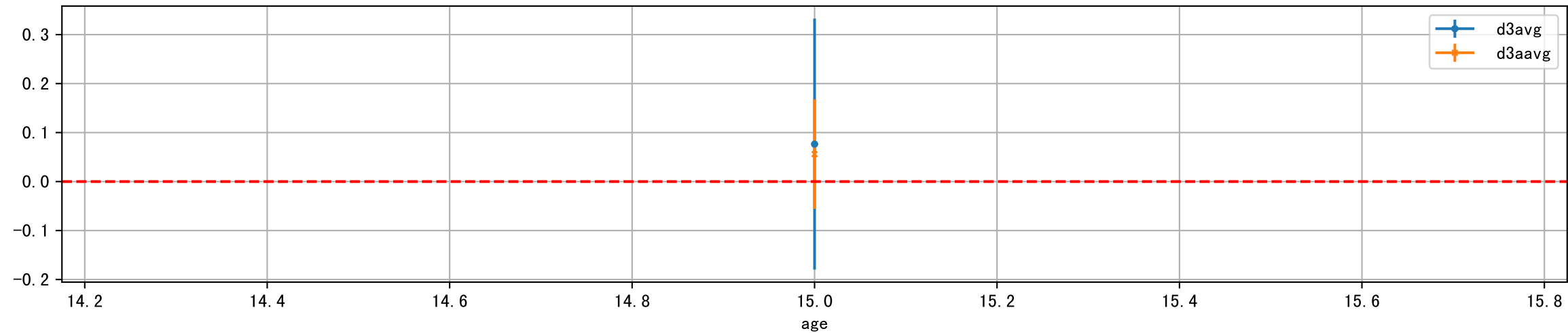


FrV: D_Ts_FrV
organID=1

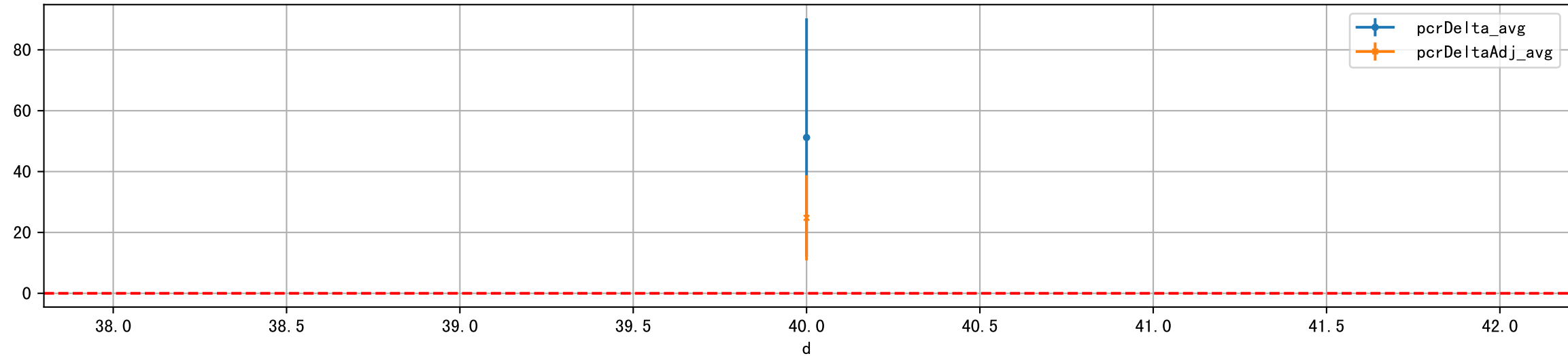
Warning: col ['d2avg', 'd2aavg'] missing



FrV: D_Q50_FrV
organID=1



P3-2 FrV: D_Q50_FrV



FrV: D_Est_FrV
organID=1

