

Phenotype Data Analysis Plots

PhenoData day range = 11 – 26

Analysis cutoff day = 26

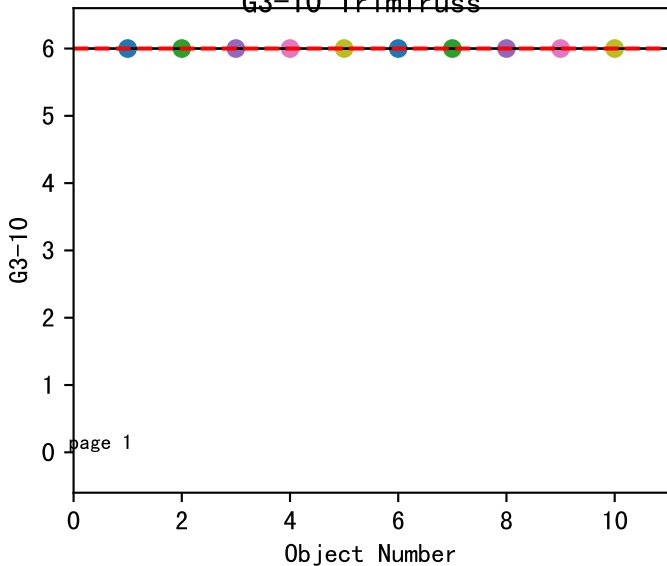
NC11 G3-10

2025-06-12 (Day 27)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0 ~0% avg2=na

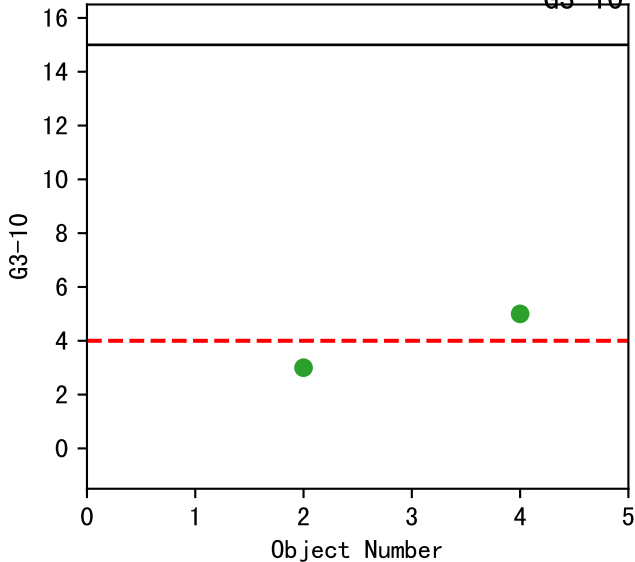
G3-10 TrimTruss



FruitNumAvgPerTruss (Def=15 Set=15)

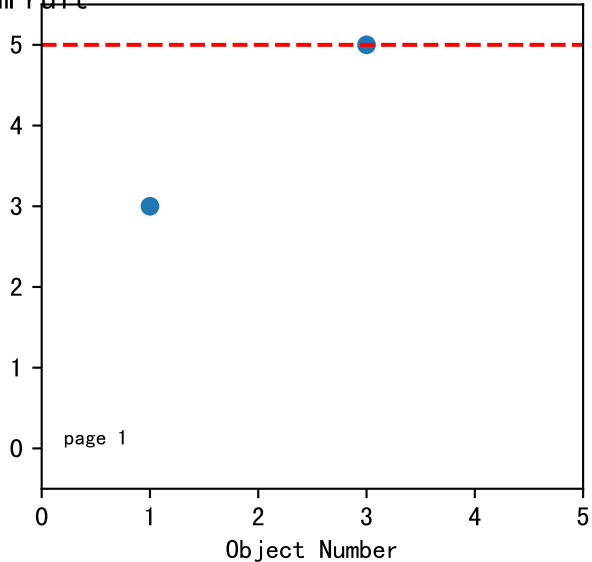
avg1=4.0~35% avg2=na

G3-10 TrimFruit

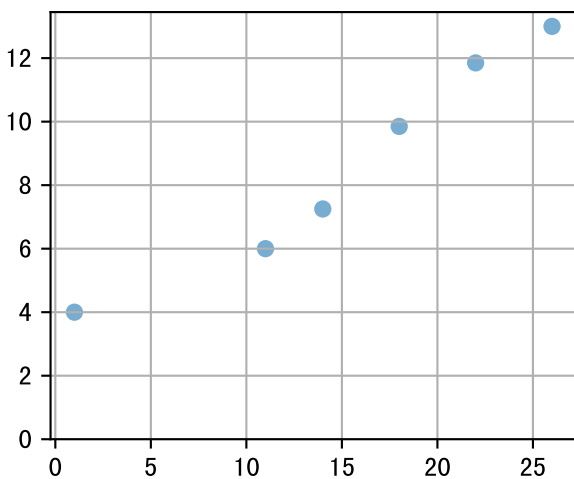


FruitNumMaxPerTruss (Def=na Set=na)

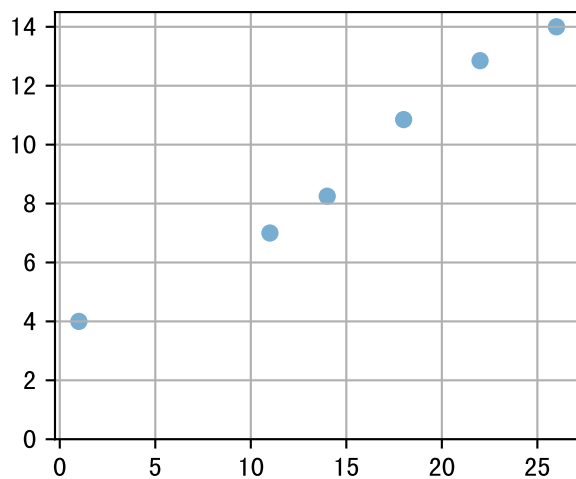
avg1=5.0~29% avg2=na



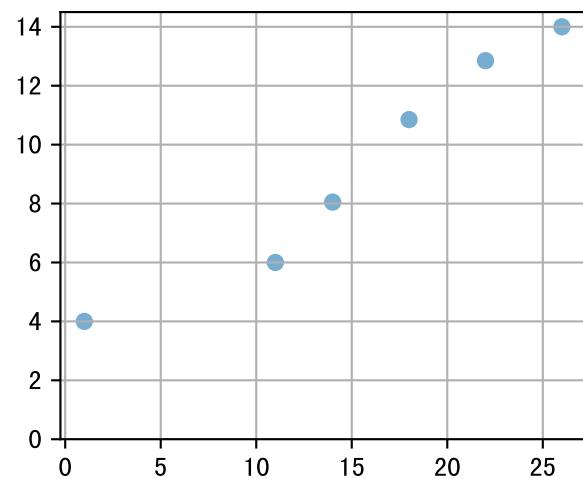
G3-10-108-29 (fit failed)



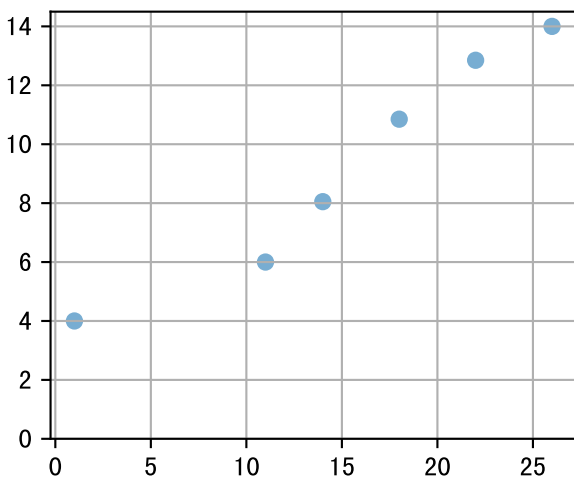
G3-10-15-15 (fit failed)



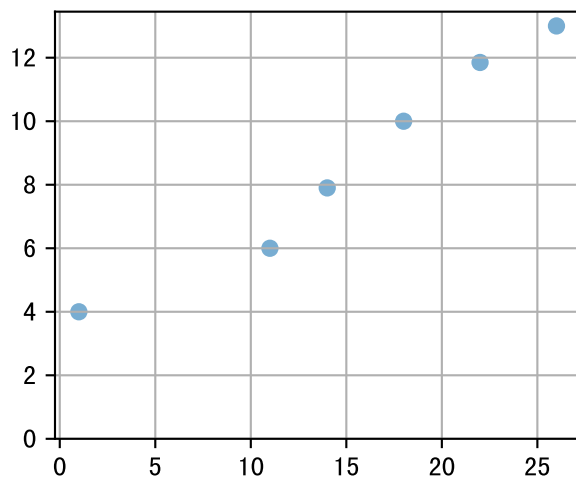
G3-10-18-22 (fit failed)



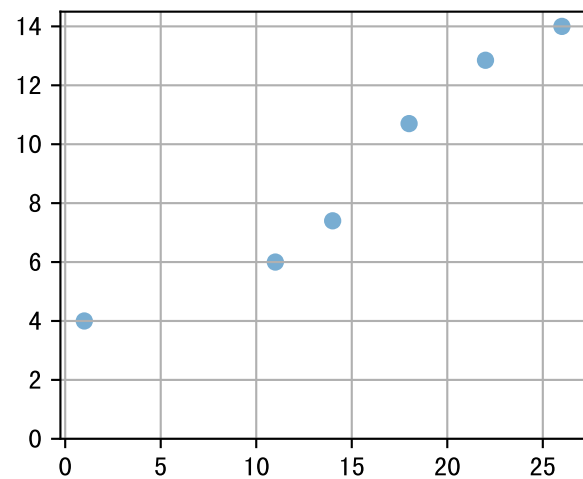
G3-10-38-62 (fit failed)



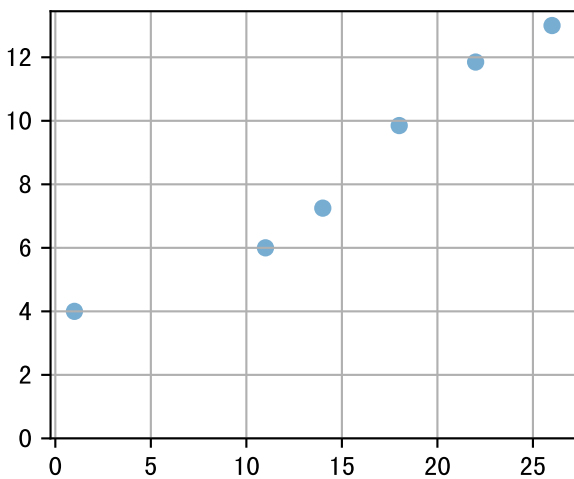
G3-10-42-49 (fit failed)



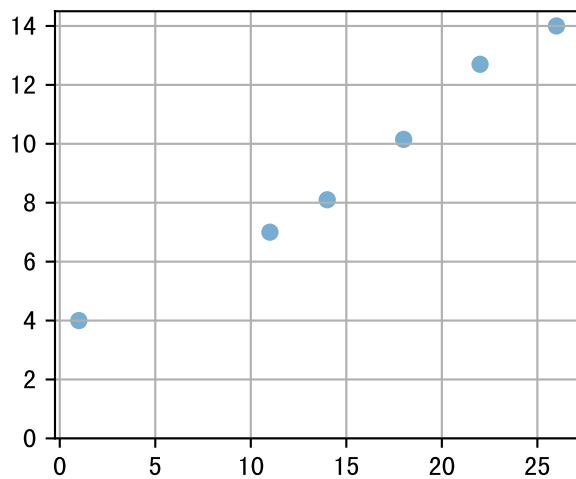
G3-10-59-38 (fit failed)



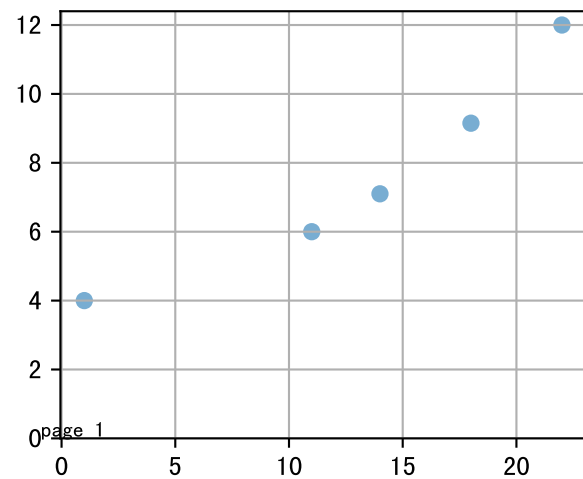
G3-10-64-73 (fit failed)



G3-10-80-7 (fit failed)

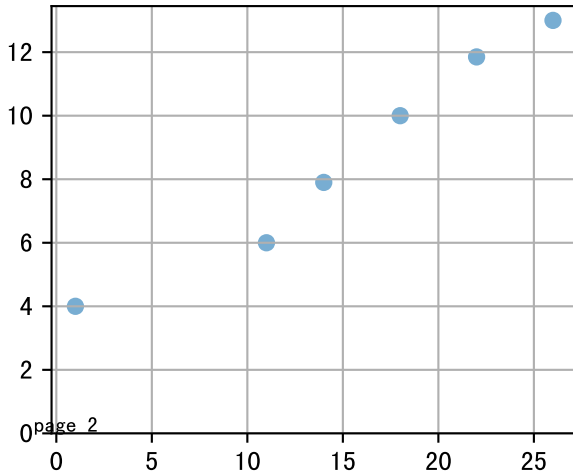


G3-10-91-39 (fit failed)



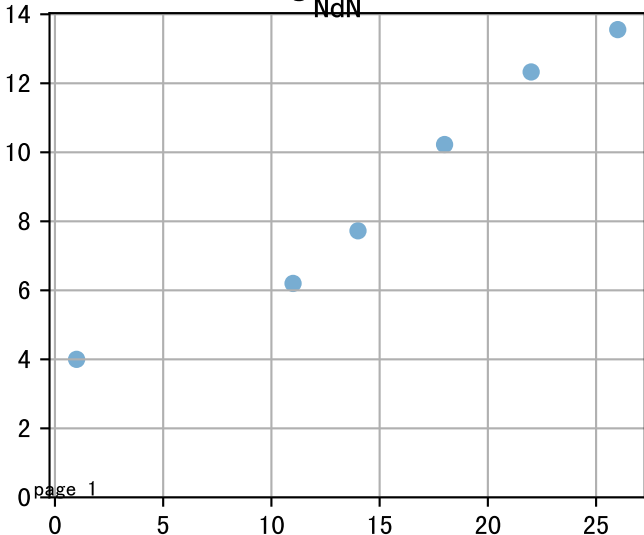
G3-10-99-52 (fit failed)

NdN



G3-10avg (fit failed)

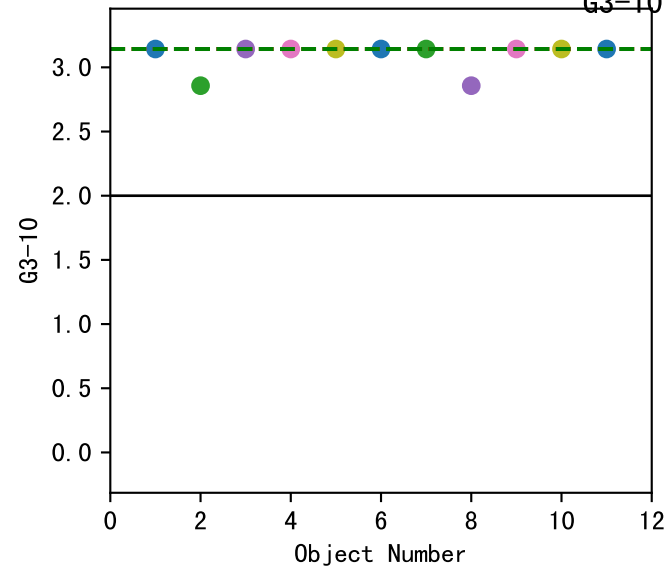
NdN



InitDev_dm (Def=2 Set=3.14)

avg1=3.14~0% avg2=3.14

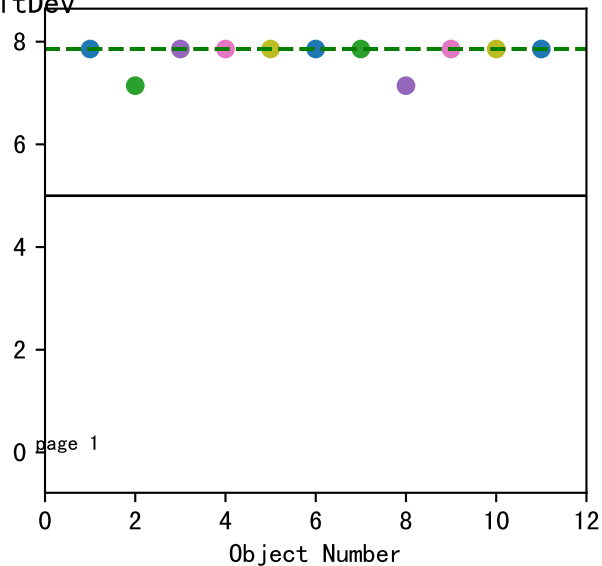
G3-10



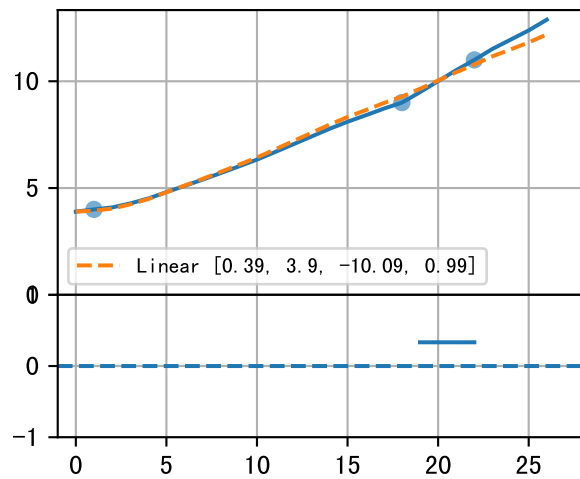
InitDev_de (Def=5 Set=7.86)

avg1=7.86~0% avg2=7.86

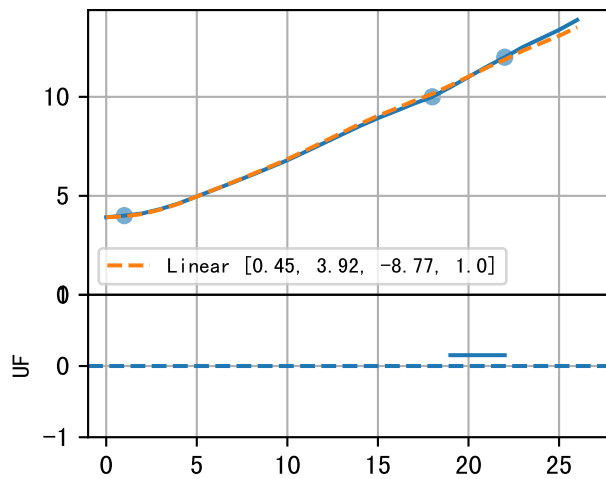
InitDev



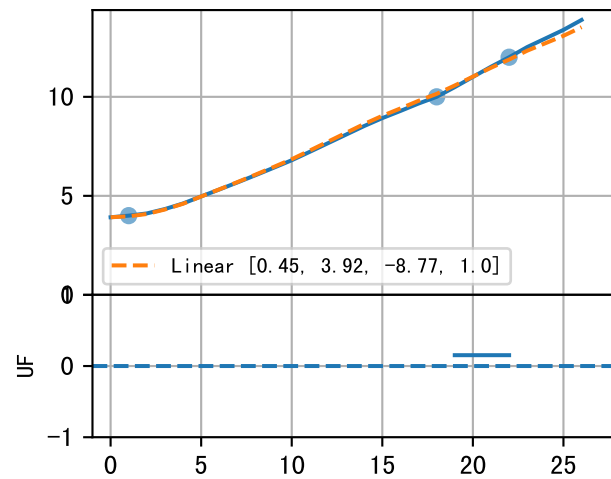
G3-10-108-29



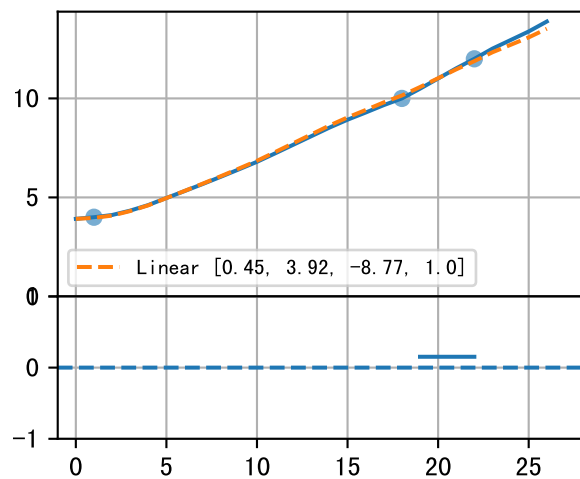
G3-10-15-15



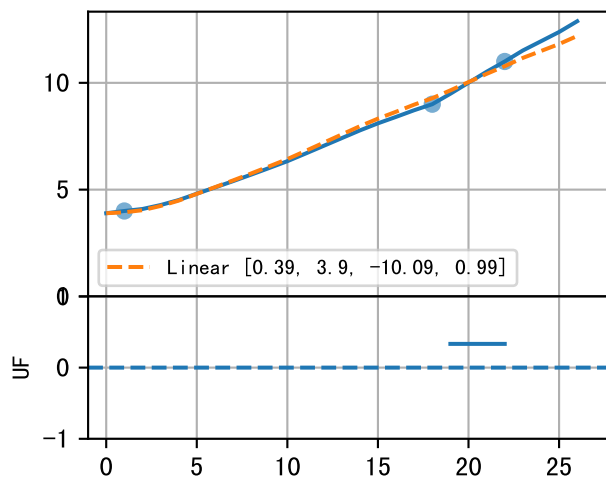
G3-10-18-22



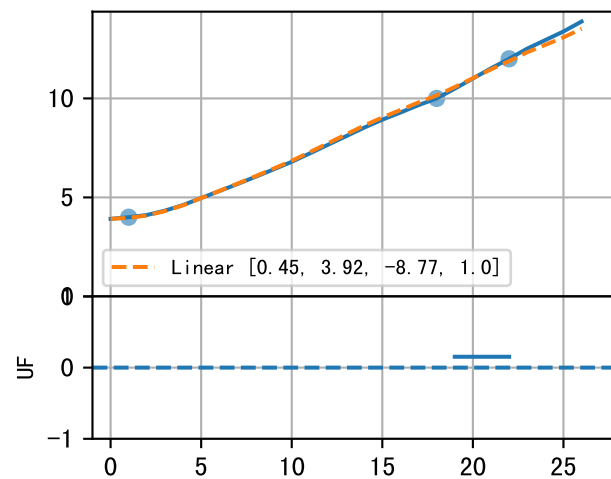
G3-10-38-62



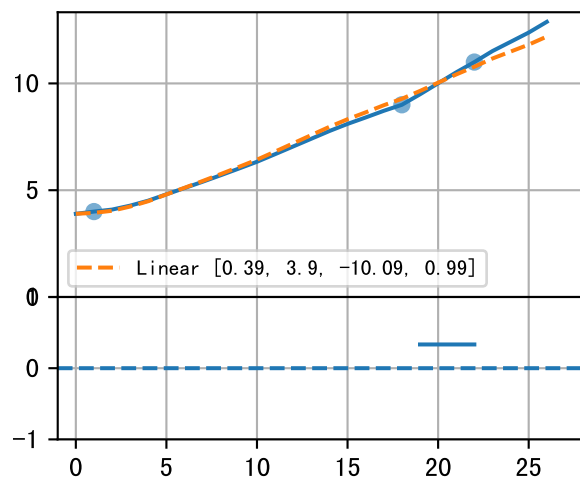
G3-10-42-49



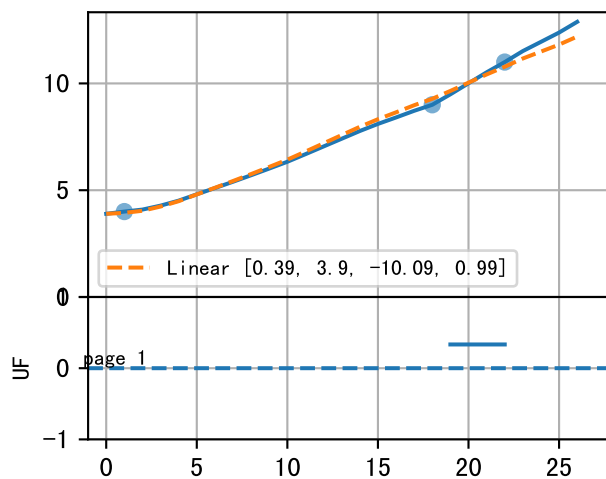
G3-10-59-38



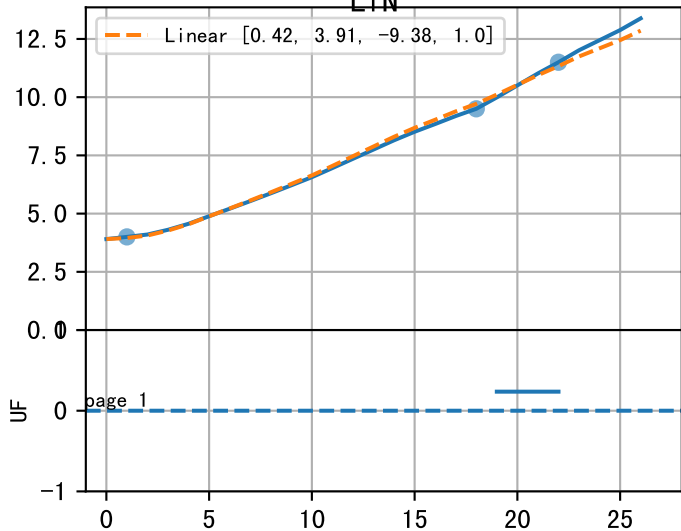
G3-10-64-73



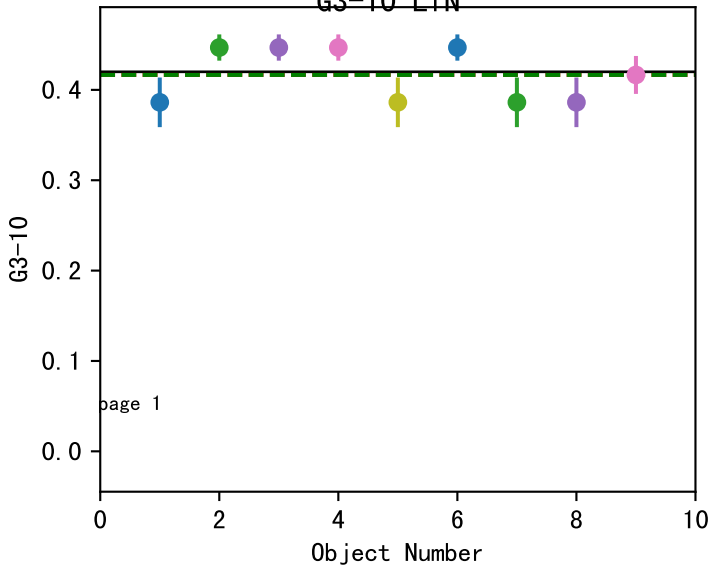
G3-10-99-52



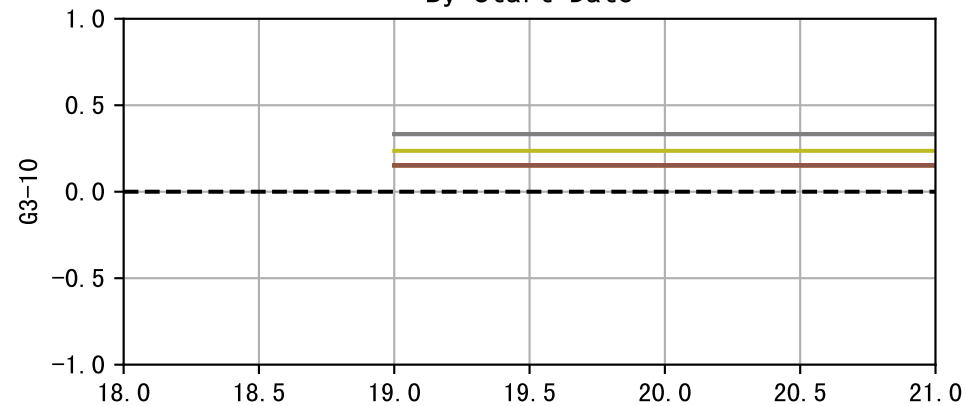
G3-10avg
LfN



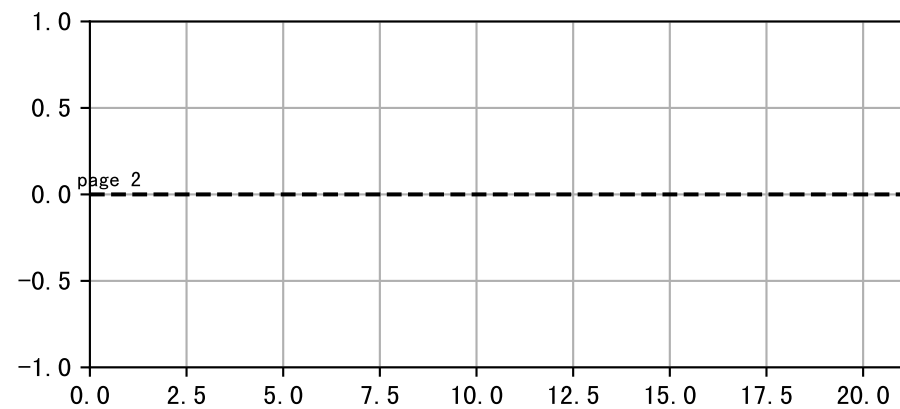
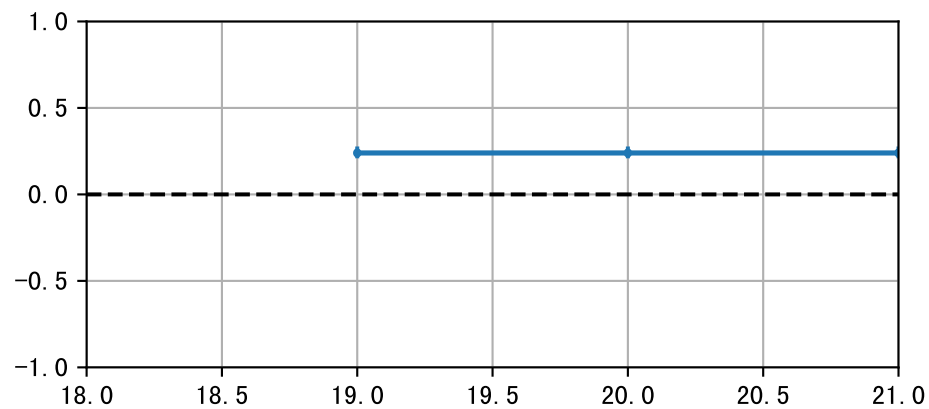
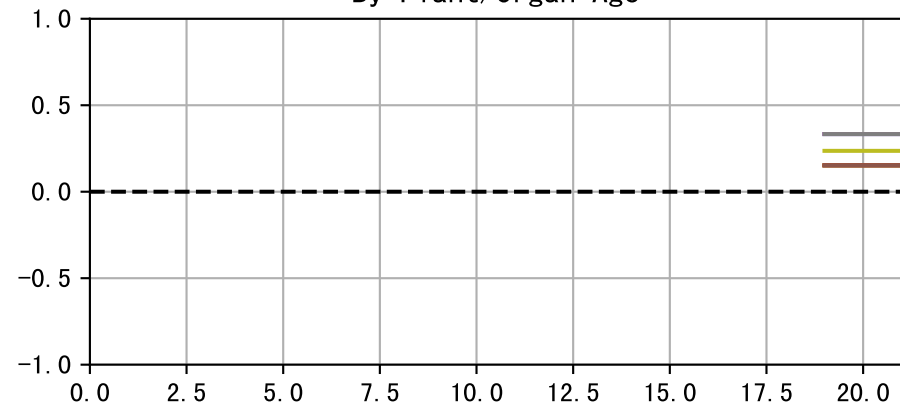
a (Def=0.42 Set=0.42)
avg1=0.42 $\sim$ 8% avg2=0.42 $\sim$ 16%
G3-10 LFN



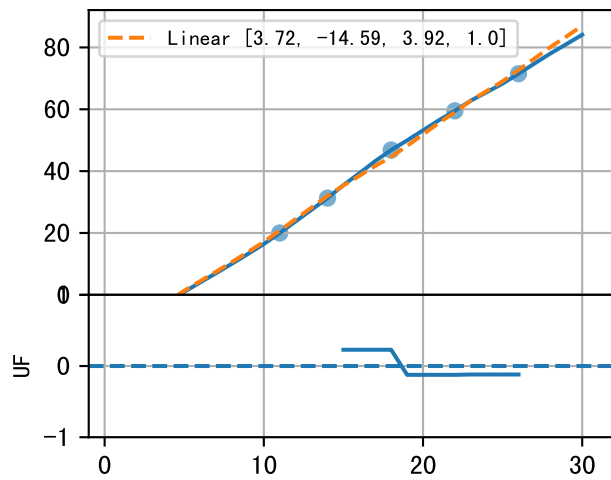
By Start Date



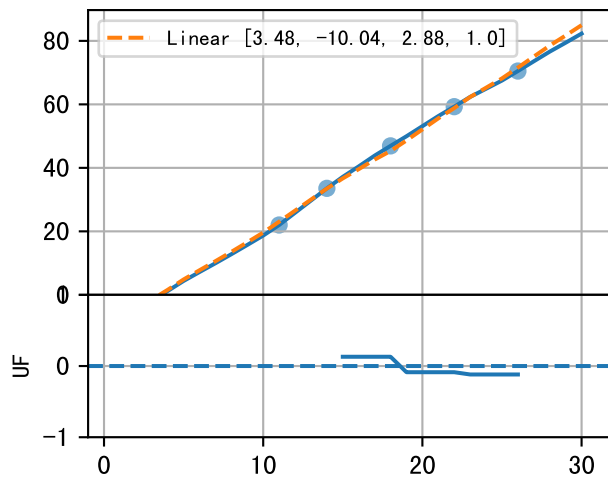
By Plant/Organ Age



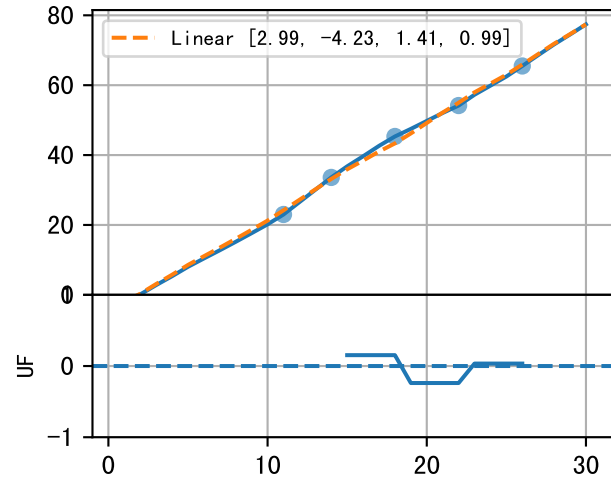
G3-10-108-29



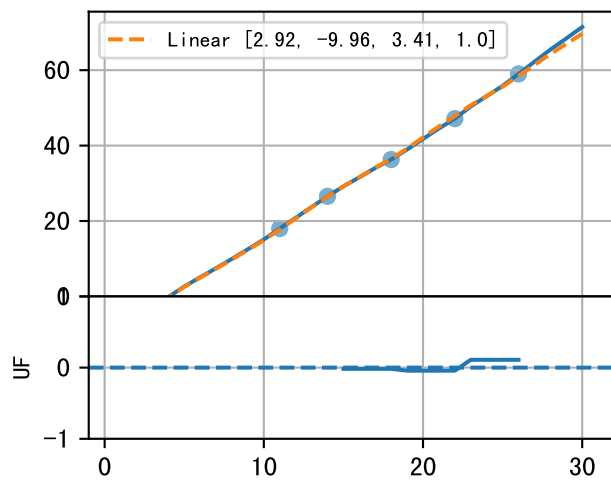
G3-10-15-15



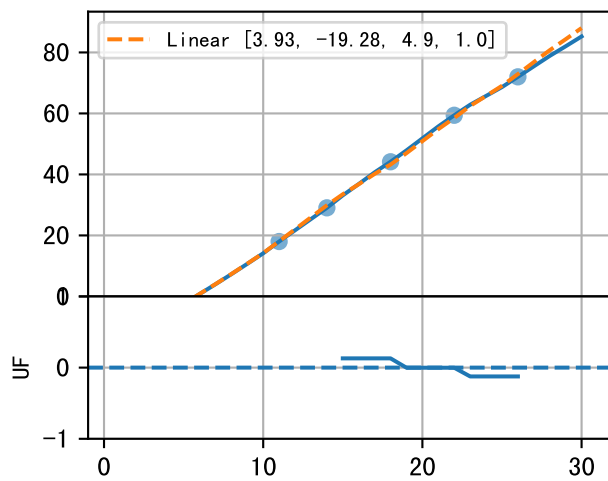
G3-10-18-22



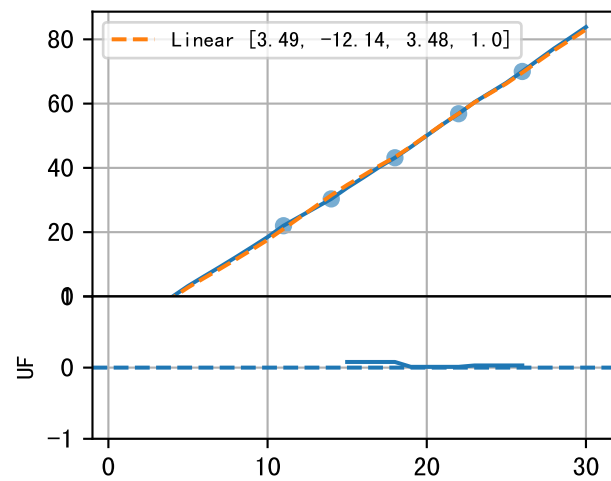
G3-10-38-62



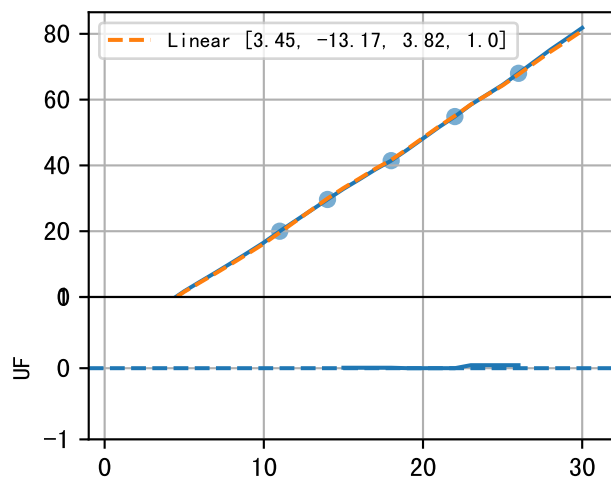
G3-10-42-49



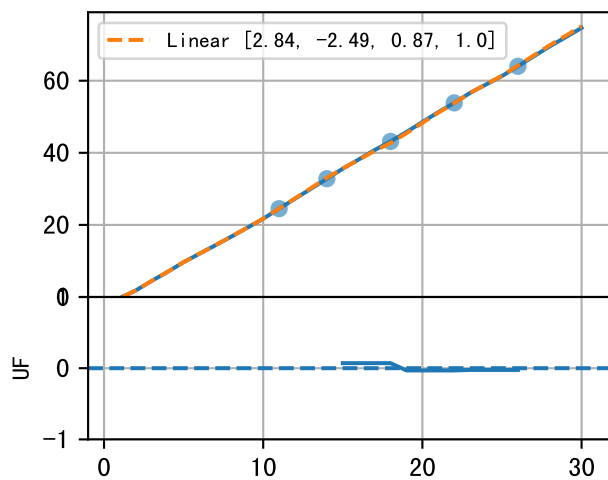
G3-10-59-38



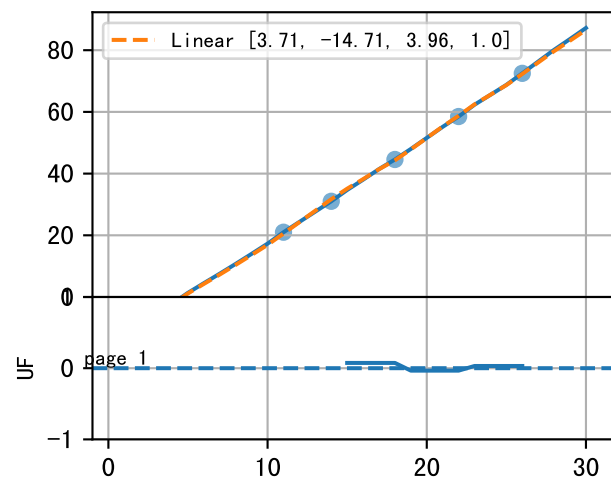
G3-10-64-73



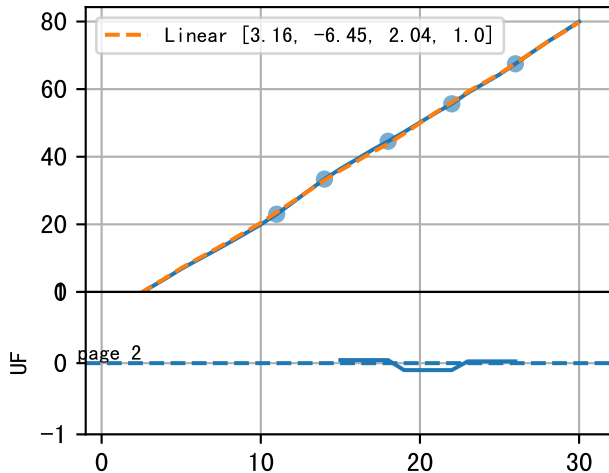
G3-10-80-7



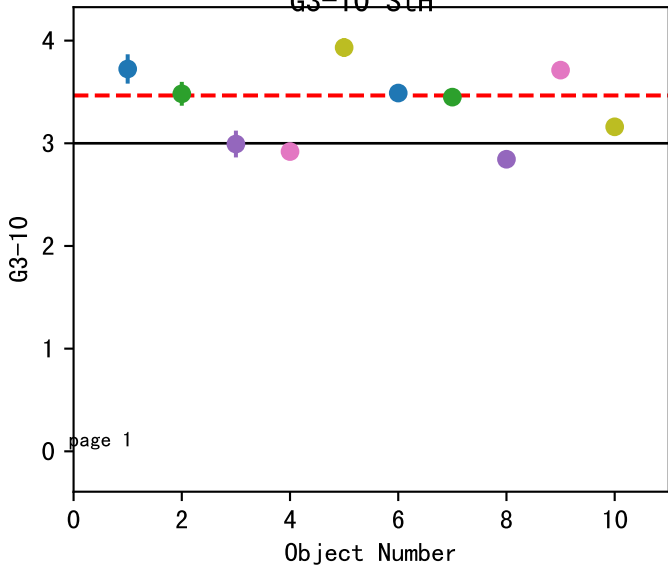
G3-10-91-39



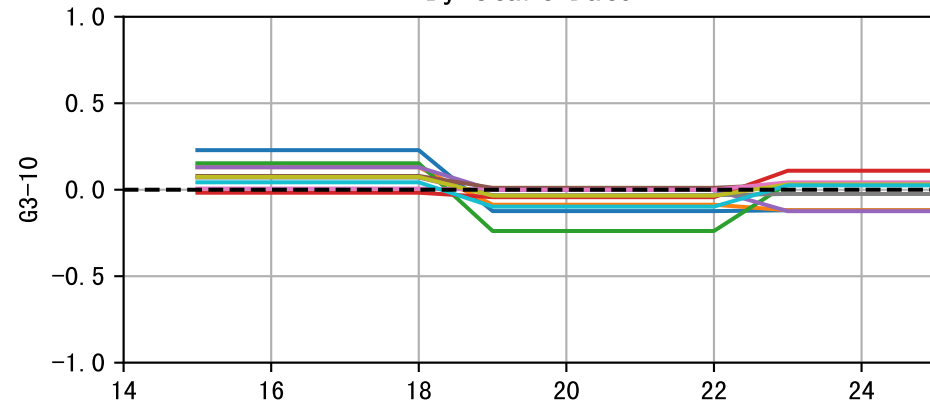
G3-10-99-52



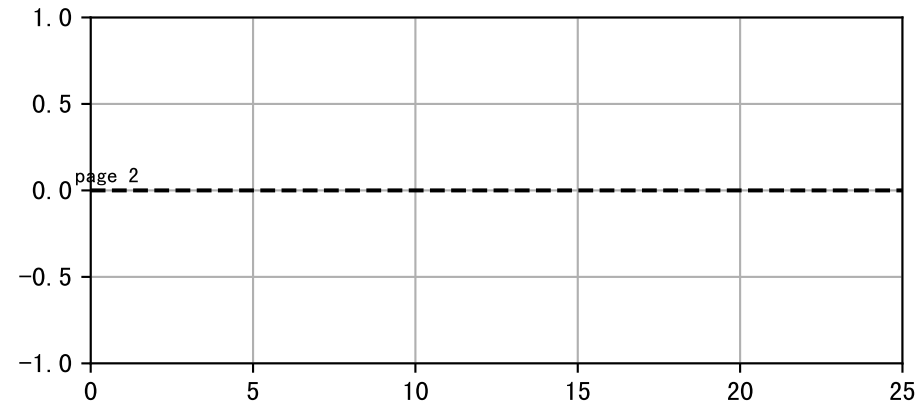
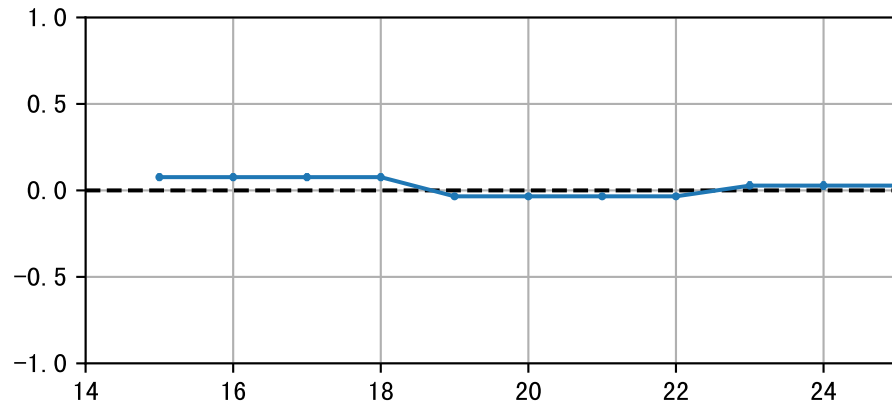
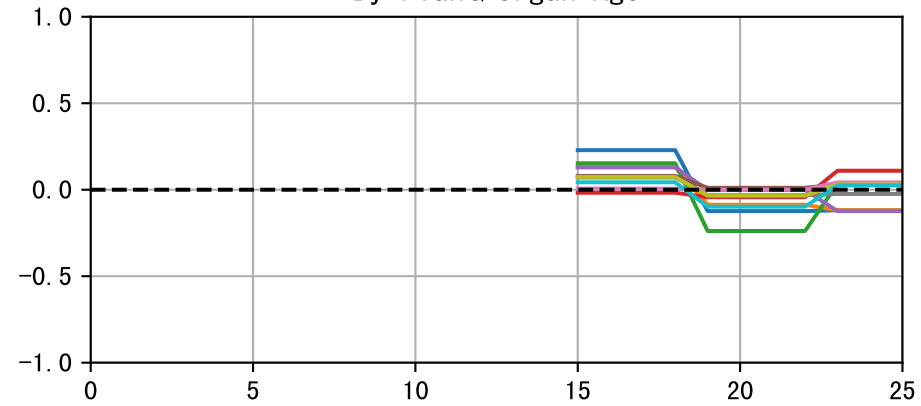
a (Def=3 Set=3.47)
avg1=3.47~11% avg2=na
G3-10 StH

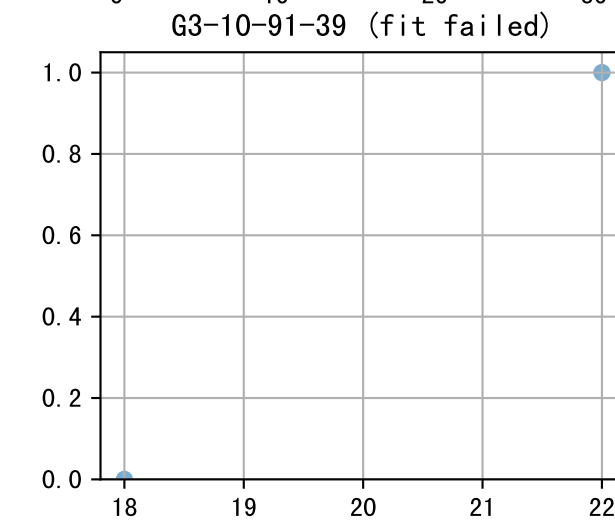
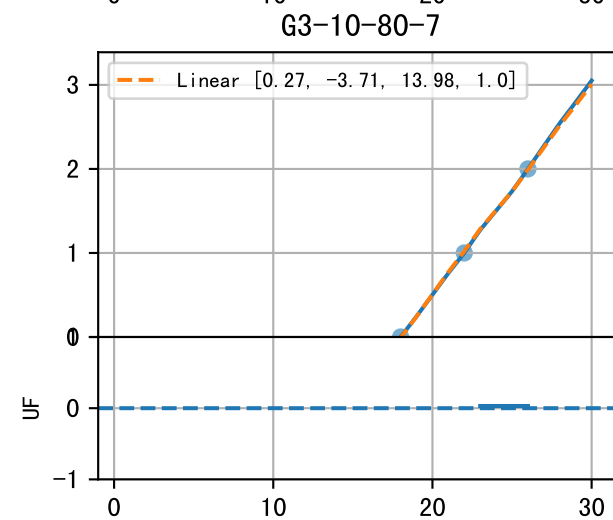
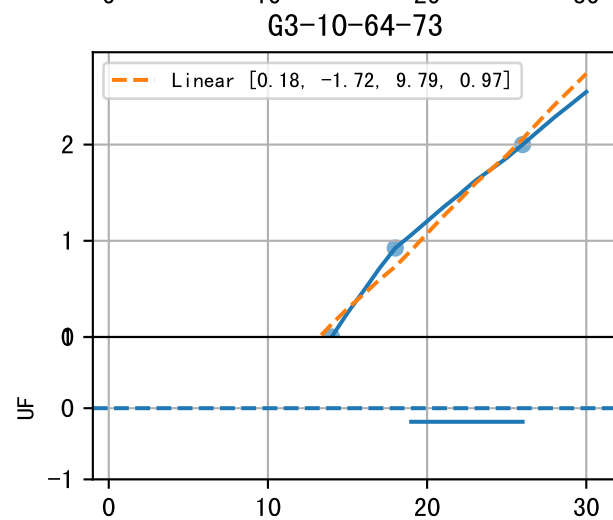
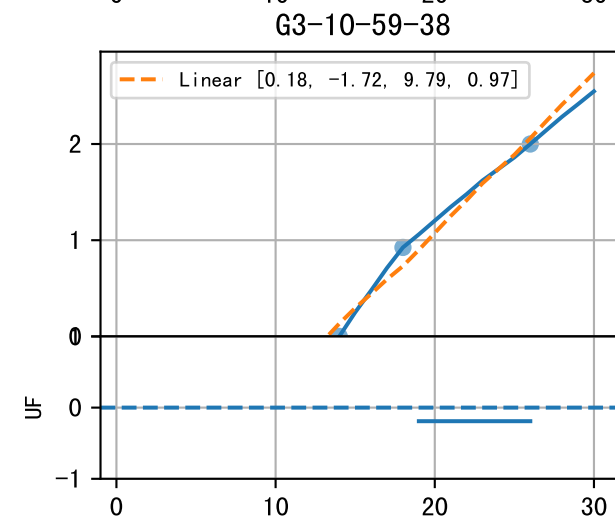
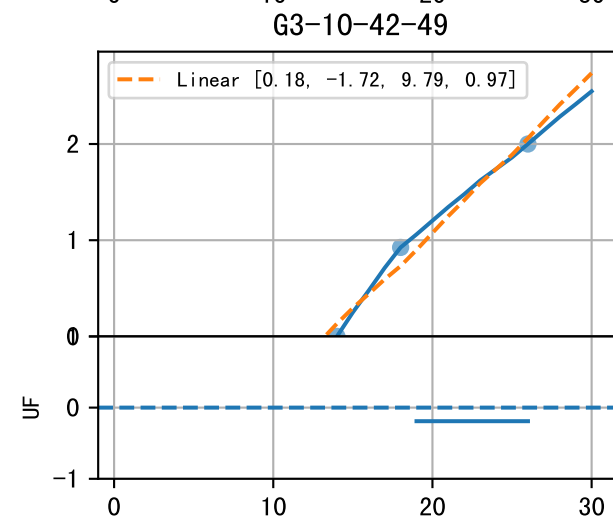
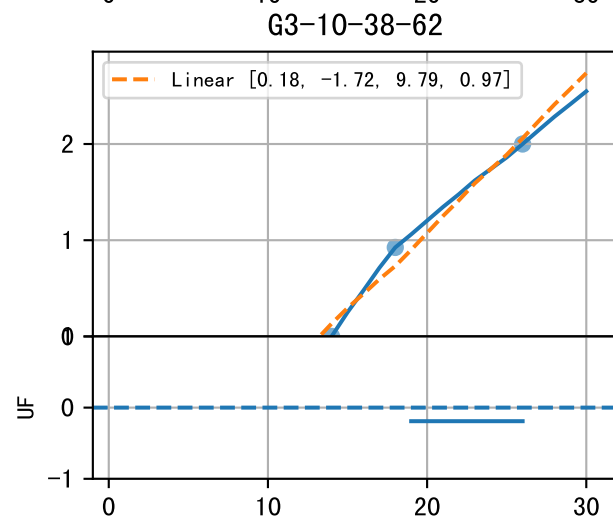
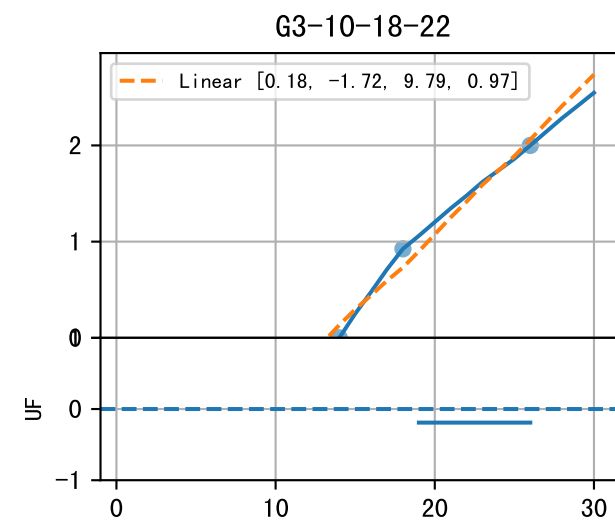
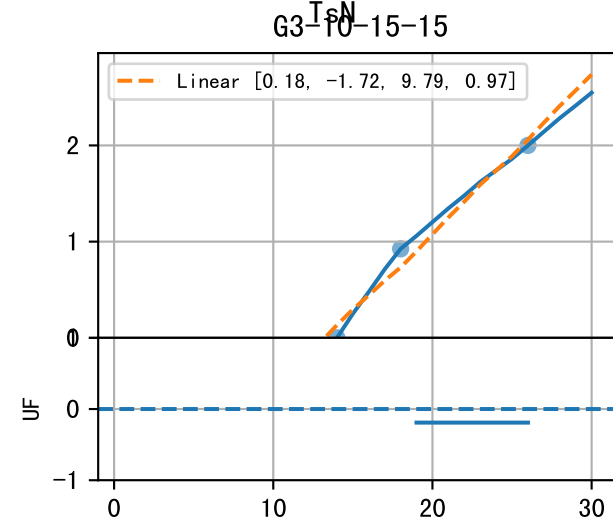
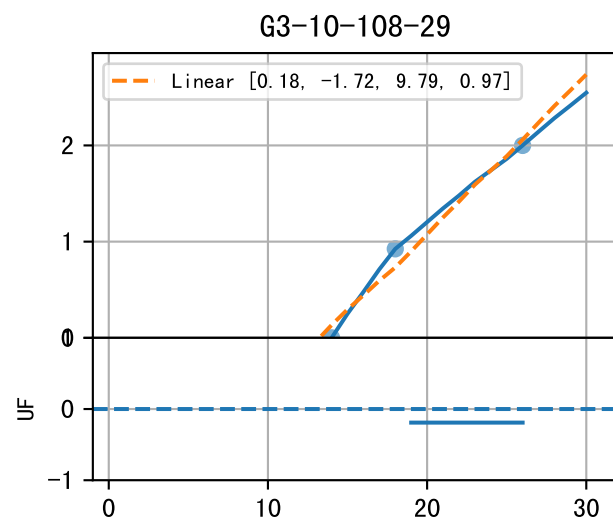


By Start Date



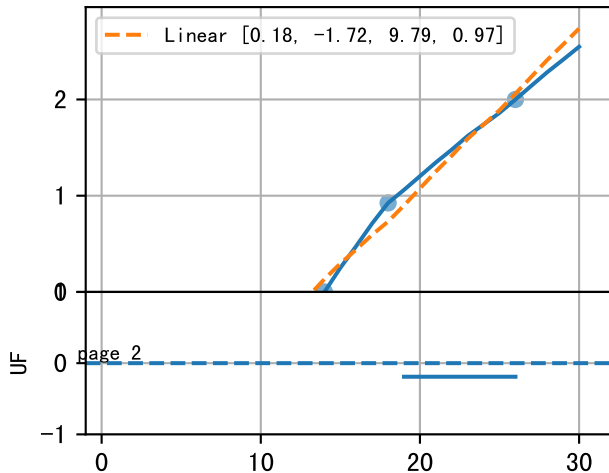
By Plant/Organ Age





G3-10-99-52

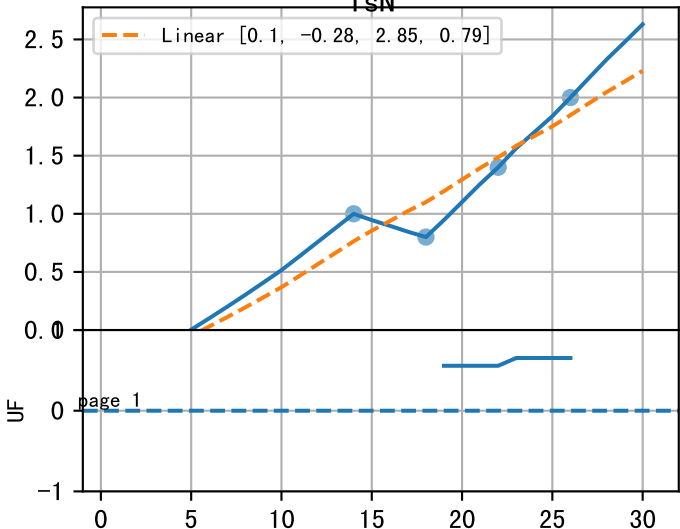
TsN



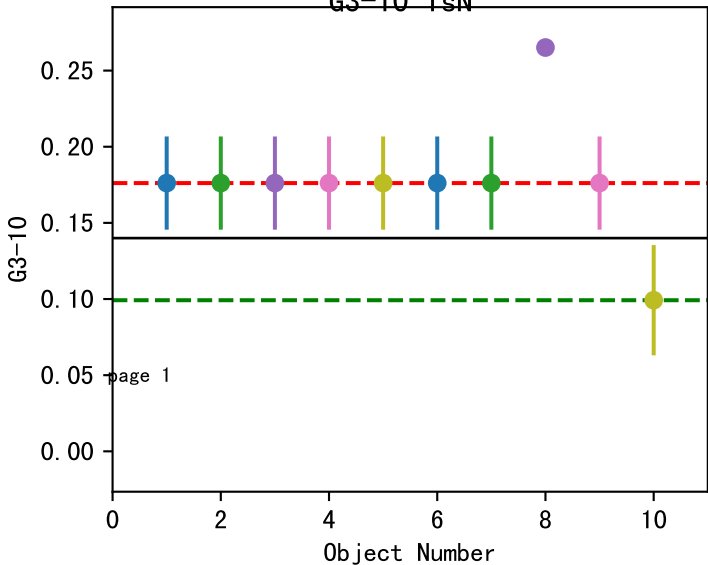
G3-10avg
T_{SN}

Linear [0.1, -0.28, 2.85, 0.79]

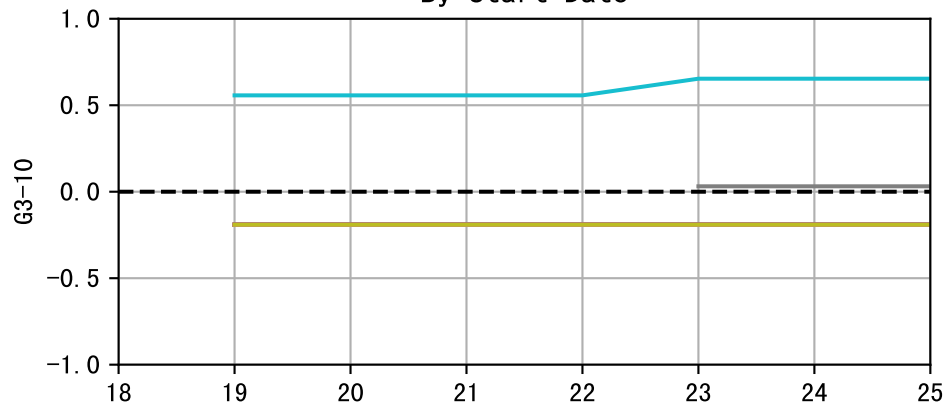
UF
page 1



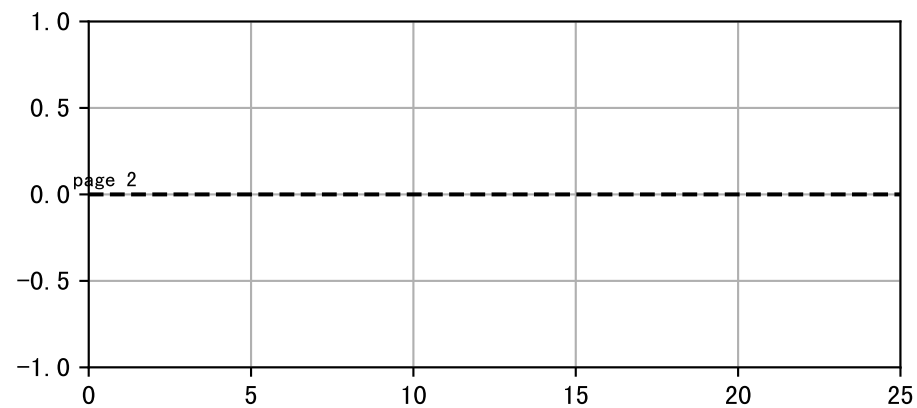
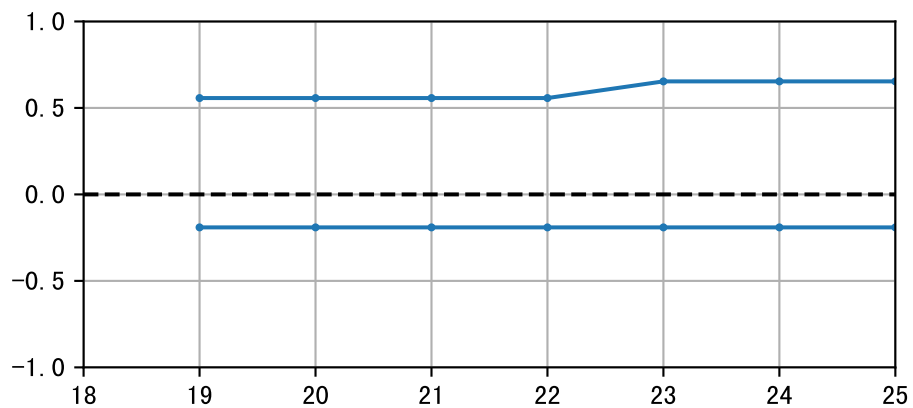
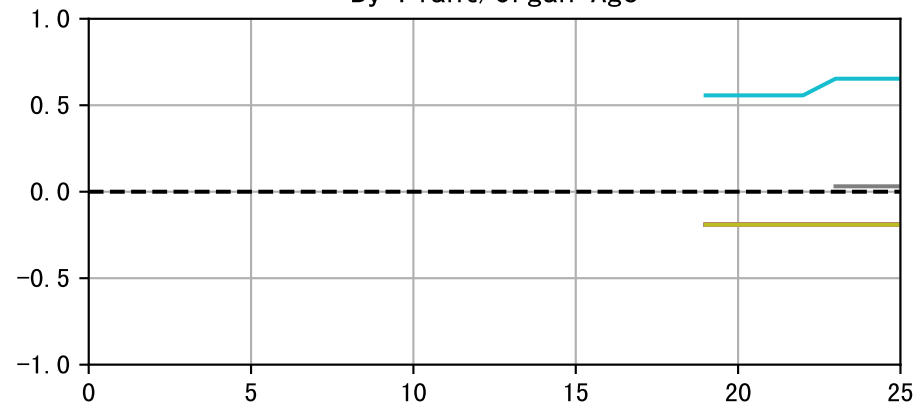
a (Def=0.14 Set=0.14)
 avg1=0.18 $\pm$ 0% avg2=0.1 $\pm$ 115%
 G3-10 TSN

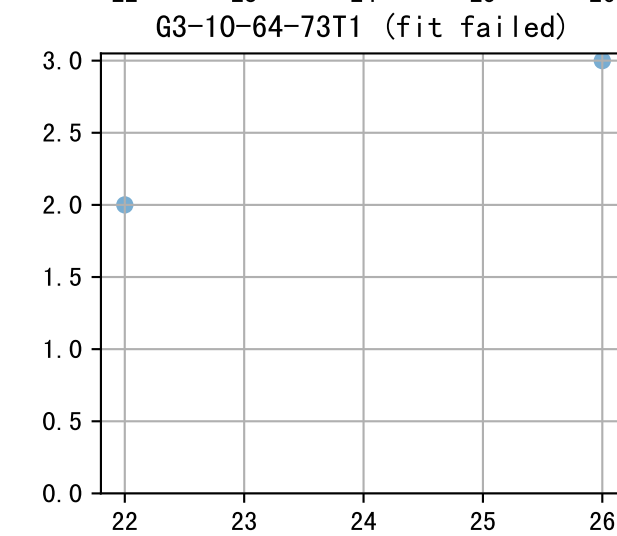
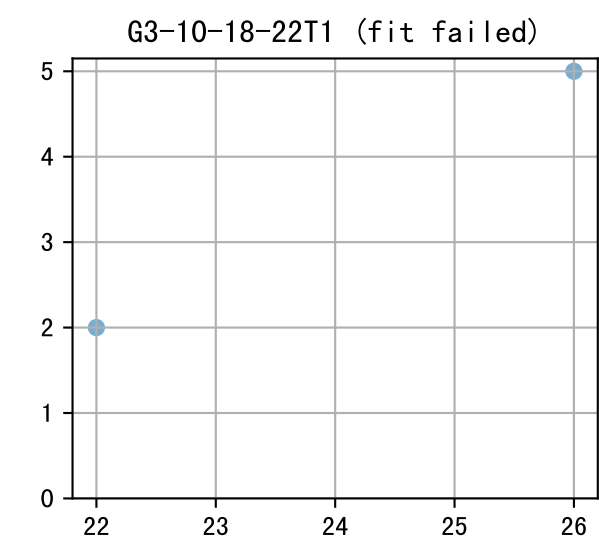
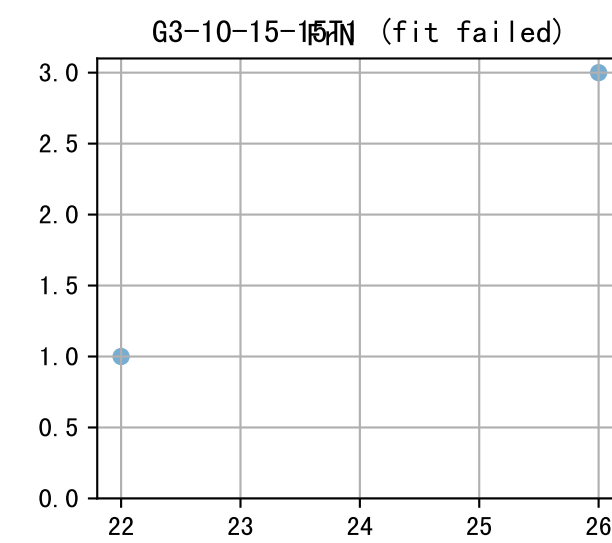
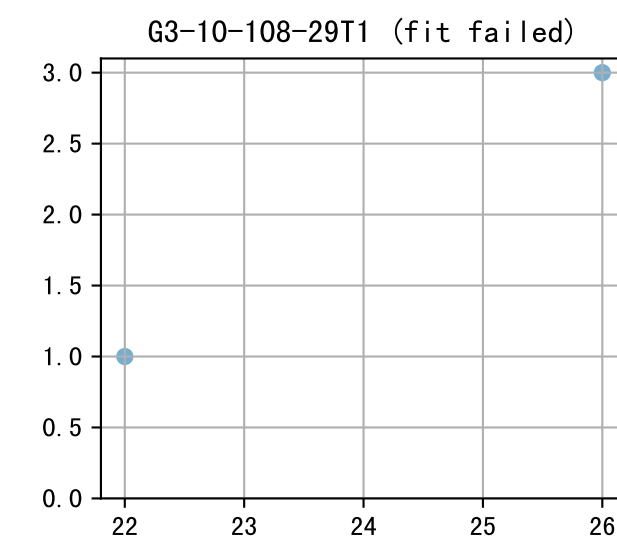


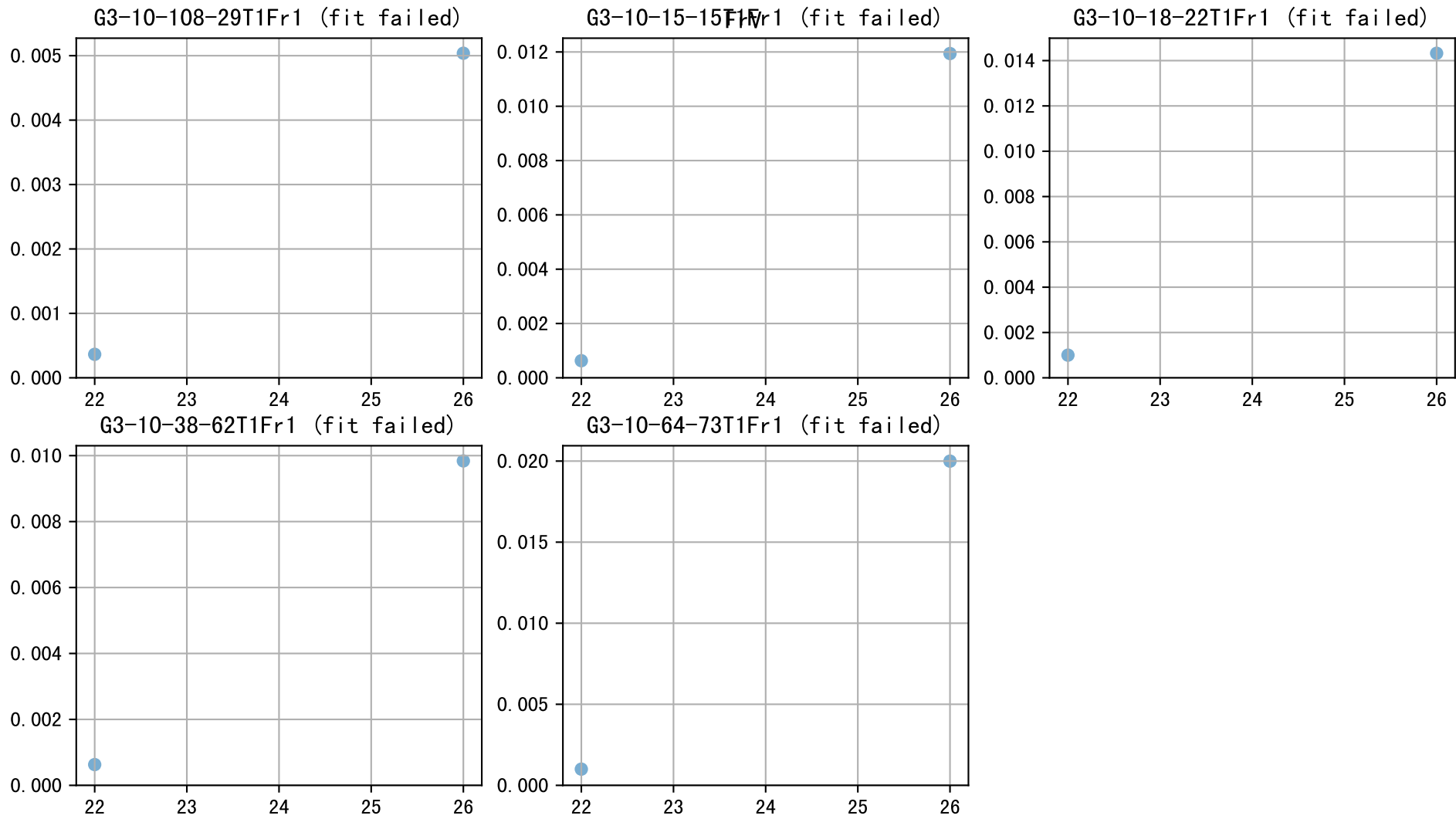
By Start Date



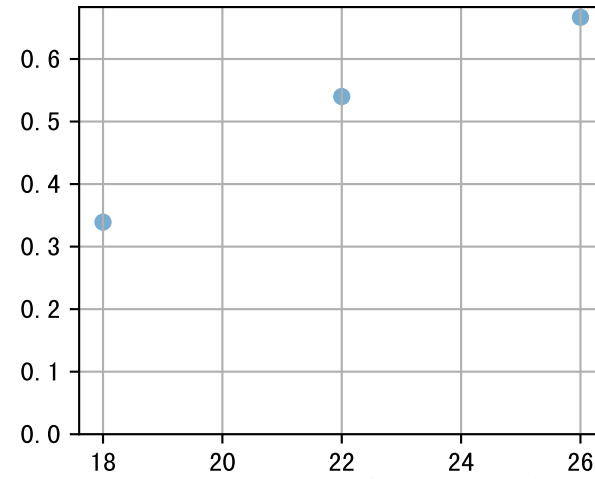
By Plant/Organ Age



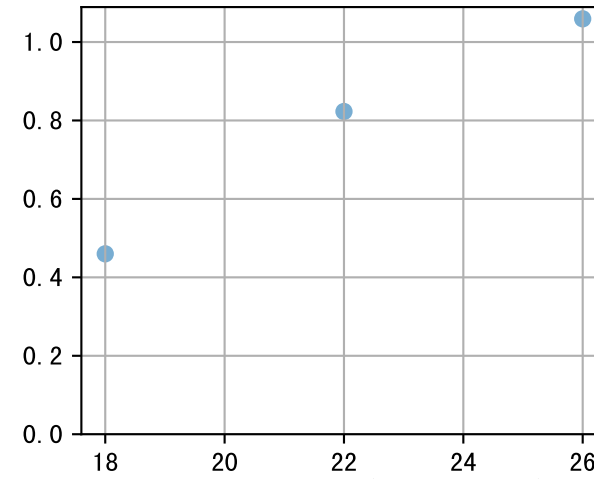




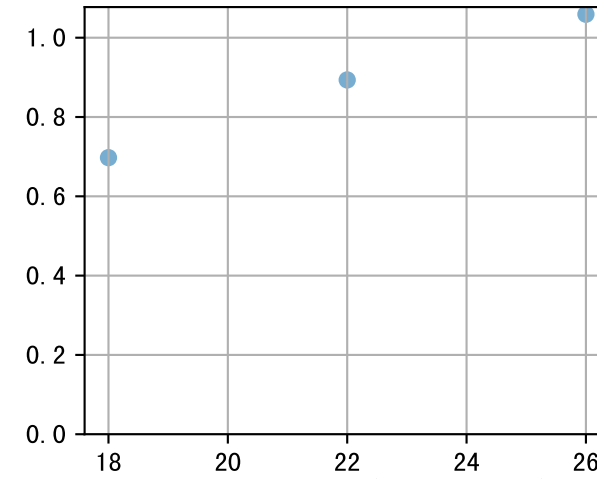
G3-10-108-29L6 (fit failed)



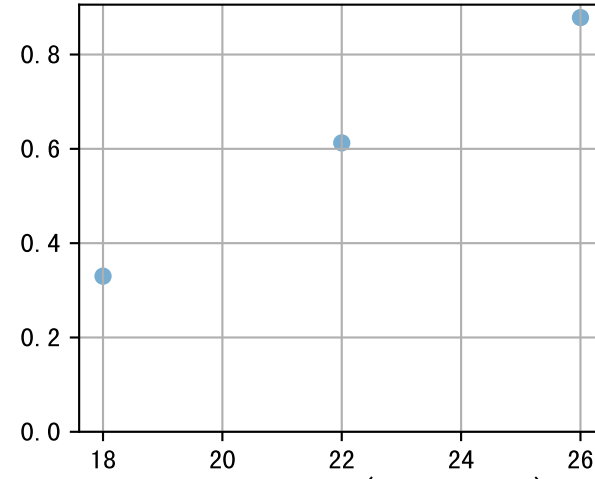
G3-10-15-15L7 (fit failed)



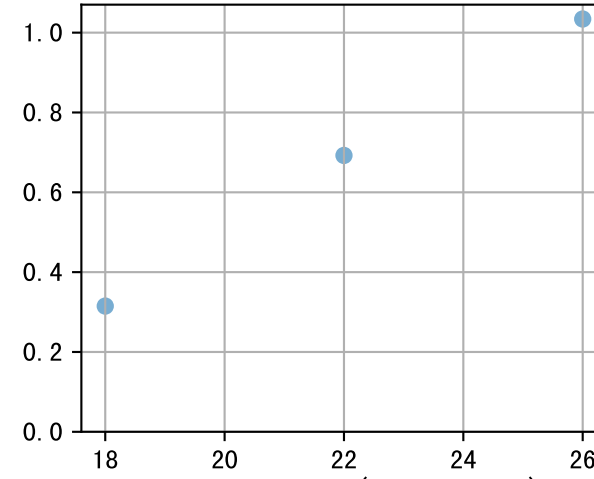
G3-10-18-22L7 (fit failed)



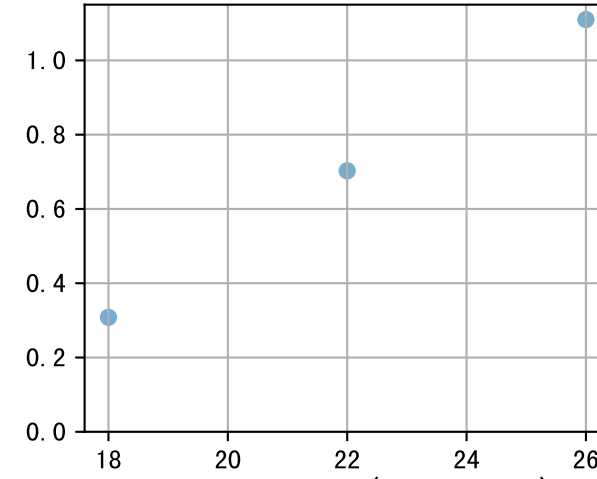
G3-10-38-62L7 (fit failed)



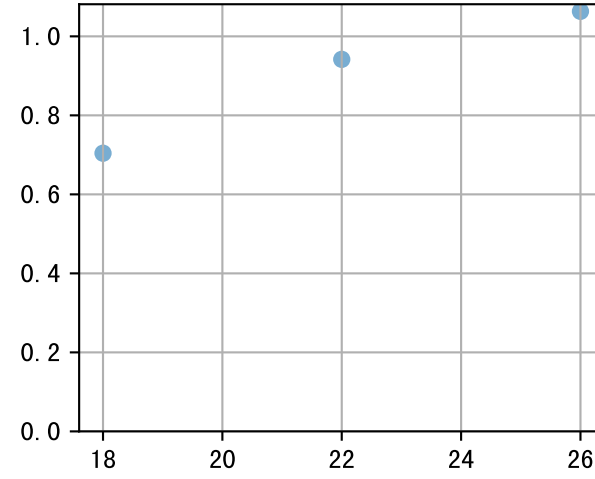
G3-10-42-49L7 (fit failed)



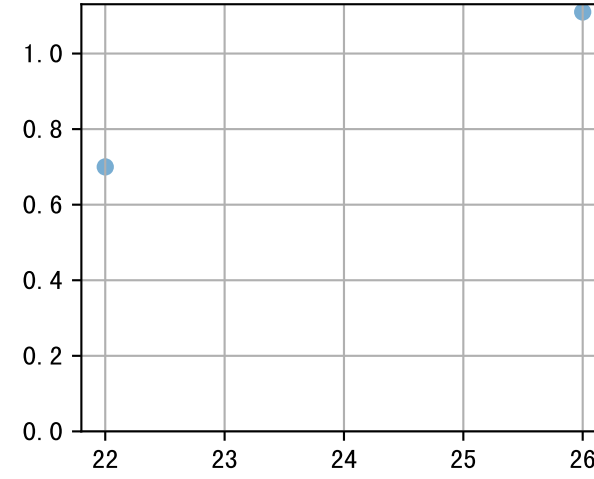
G3-10-59-38L7 (fit failed)



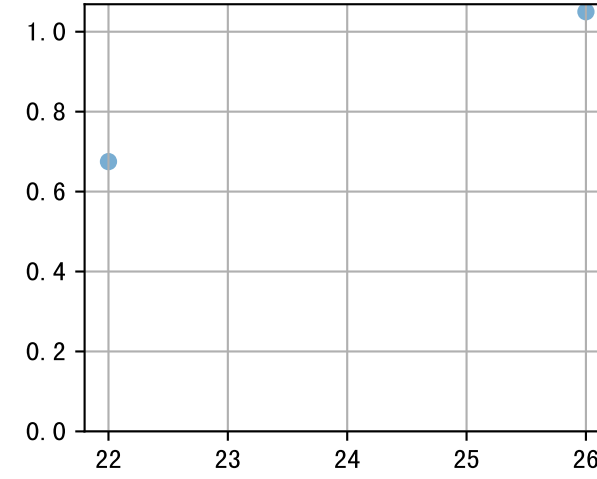
G3-10-64-73L6 (fit failed)



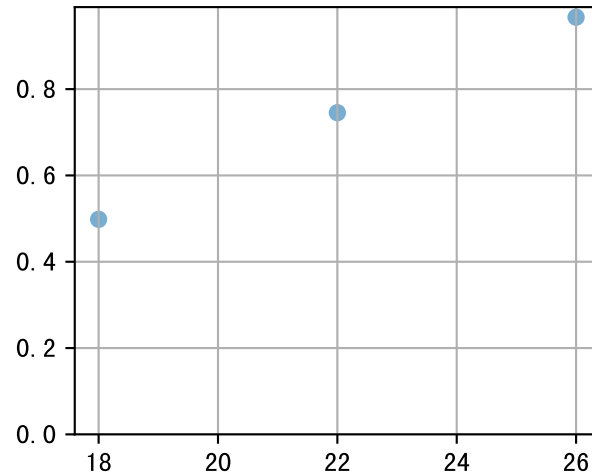
G3-10-80-7L8 (fit failed)

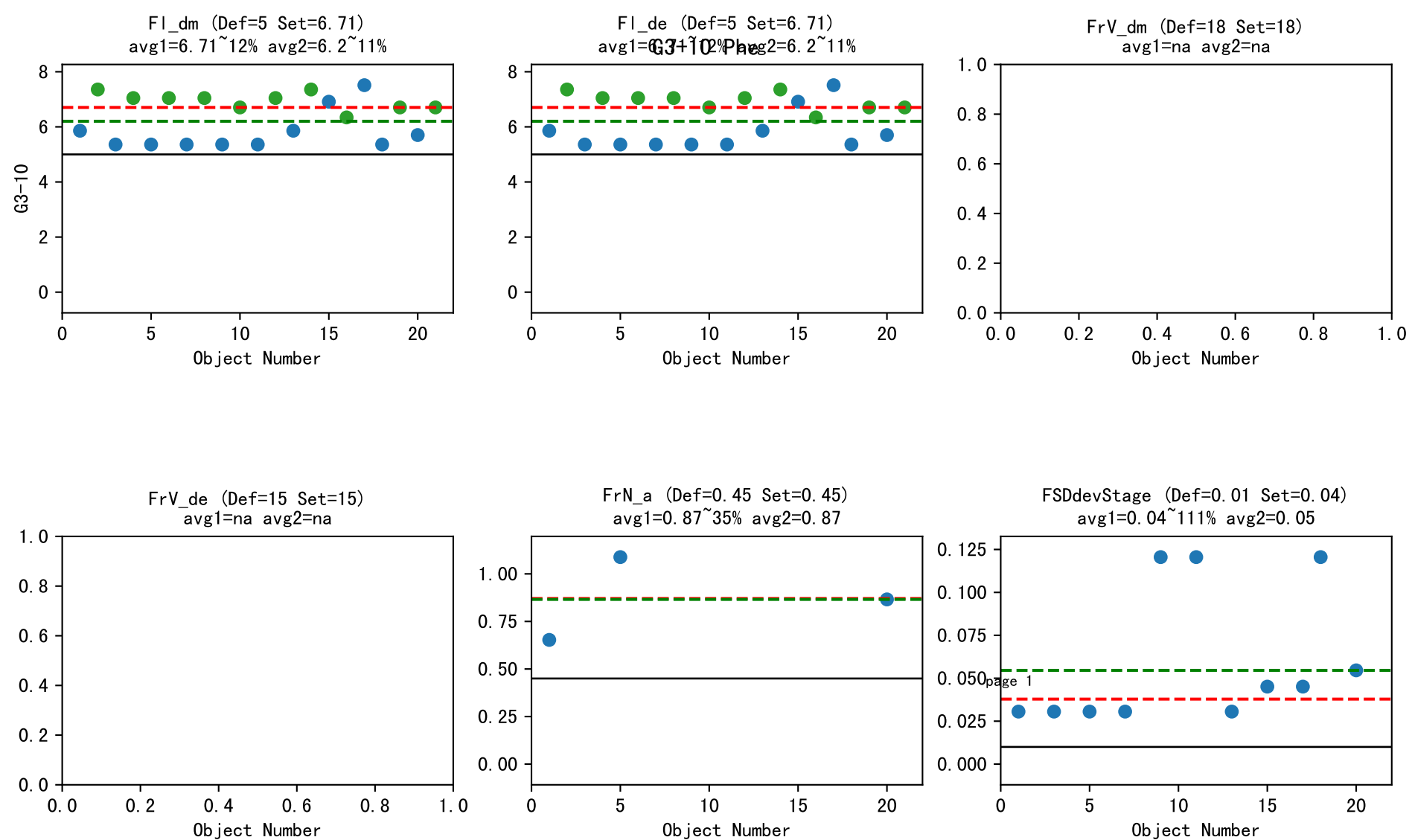


G3-10-91-39L6 (fit failed)

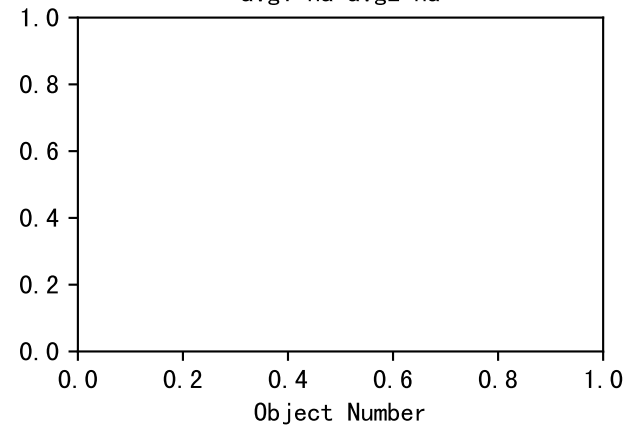


G3-10-99-52L7 (fit failed)

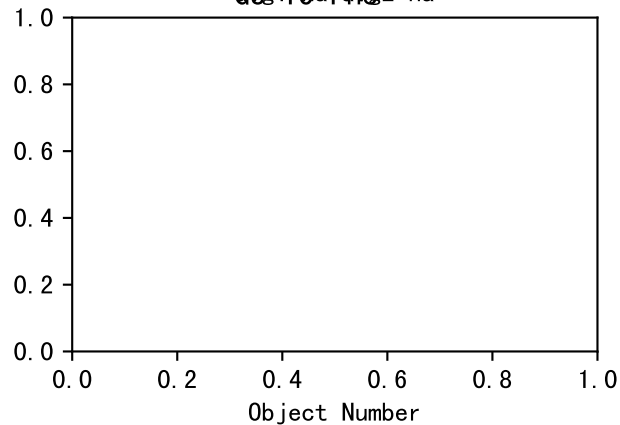




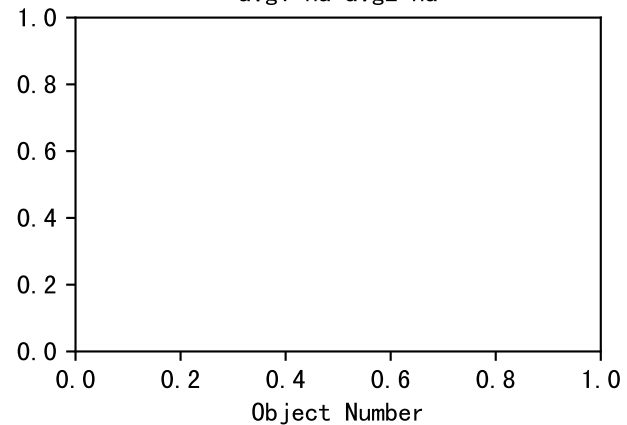
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



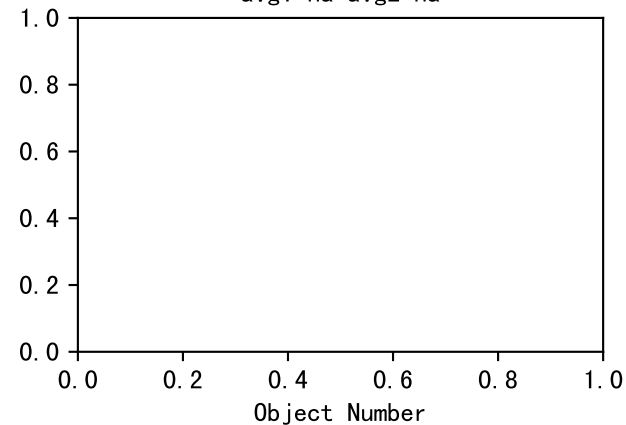
FMDDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



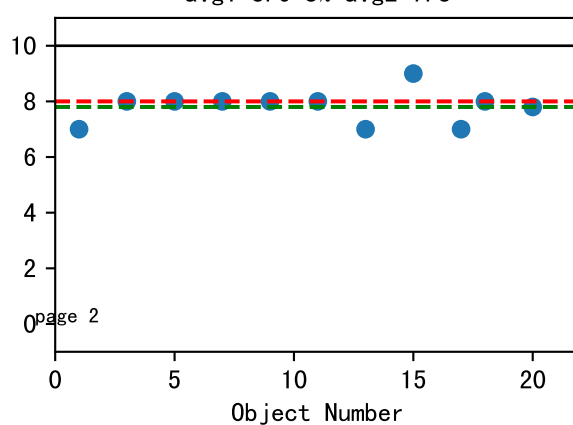
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



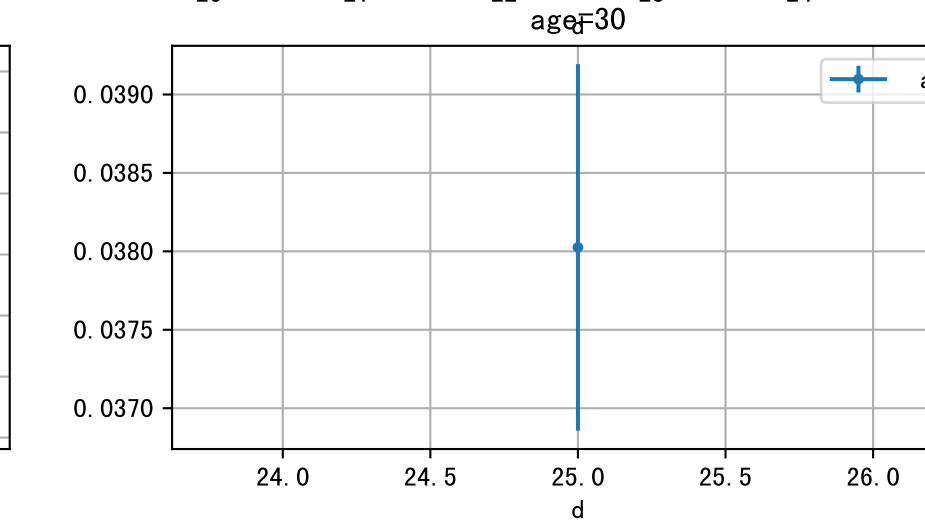
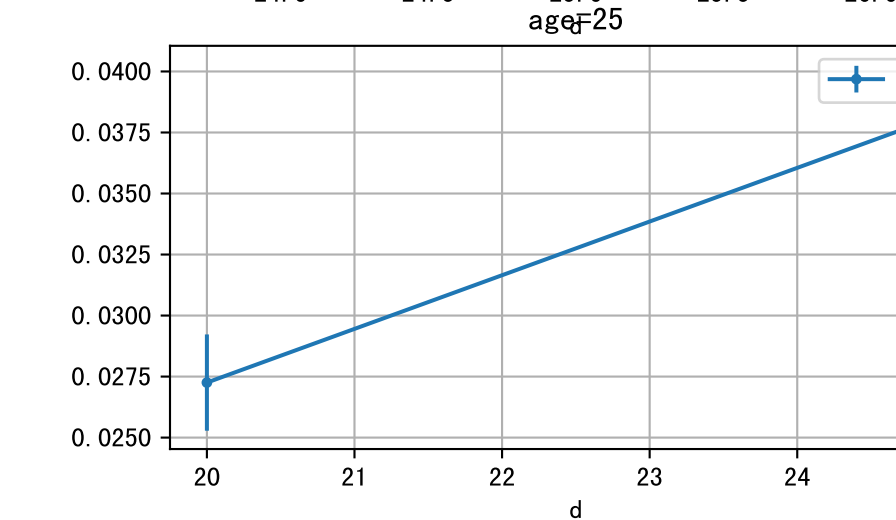
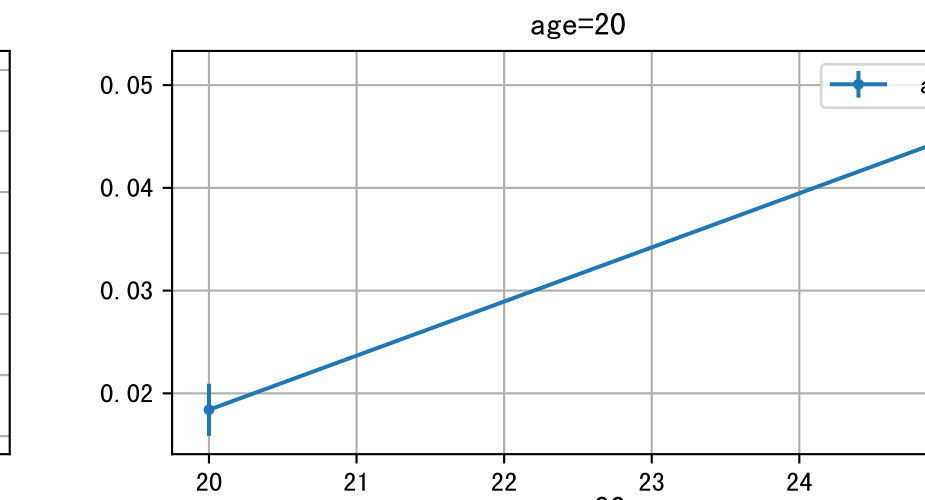
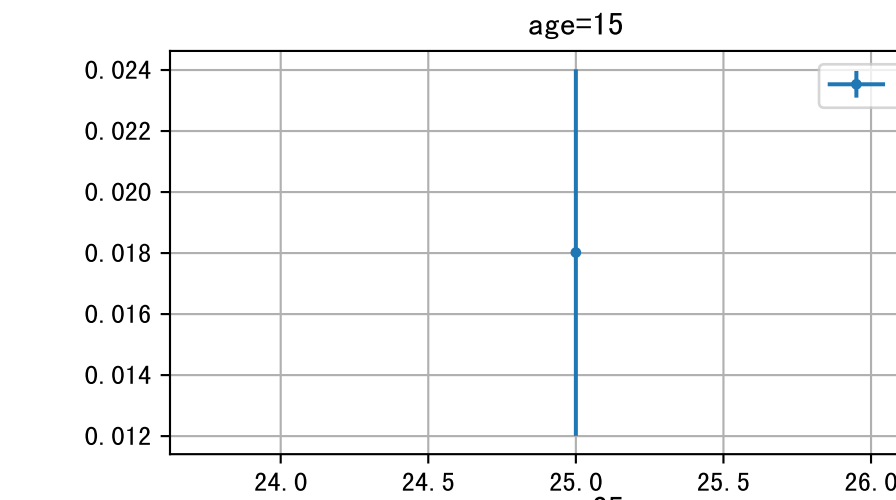
FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na

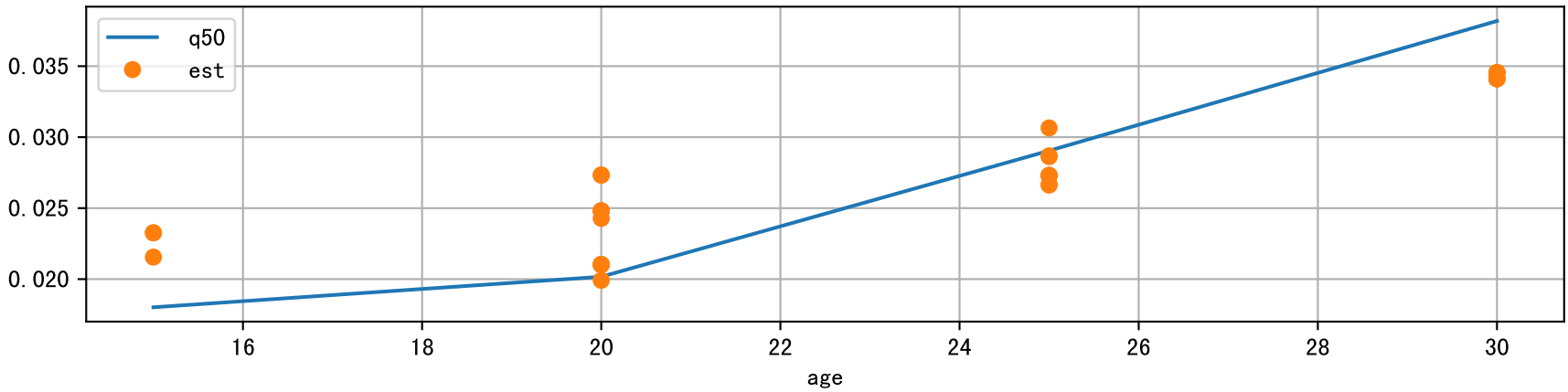


NNgen (Def=10 Set=8)
avg1=8.0~8% avg2=7.8



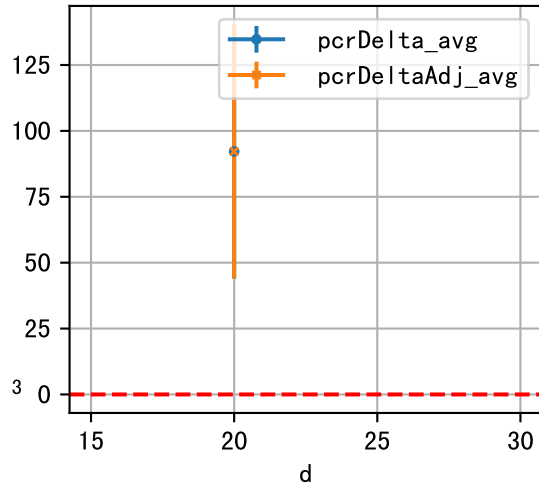
LfA: avg vs. d at each age group



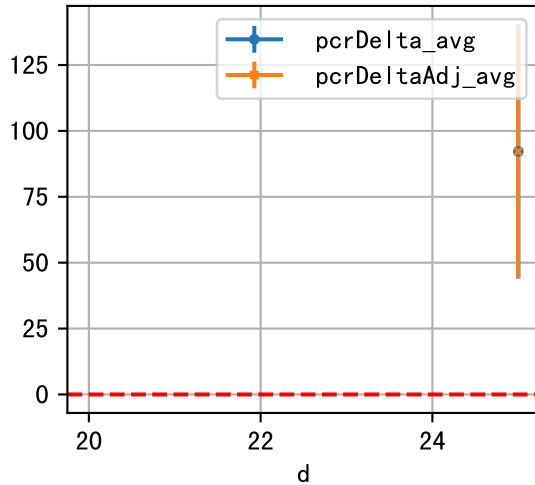


G3-10 LfA: D_5d_LfA

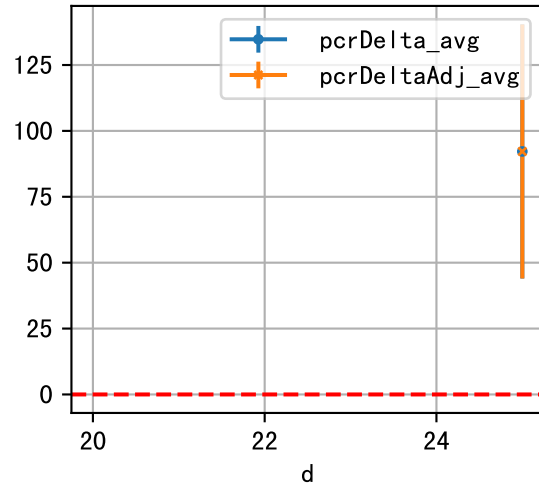
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

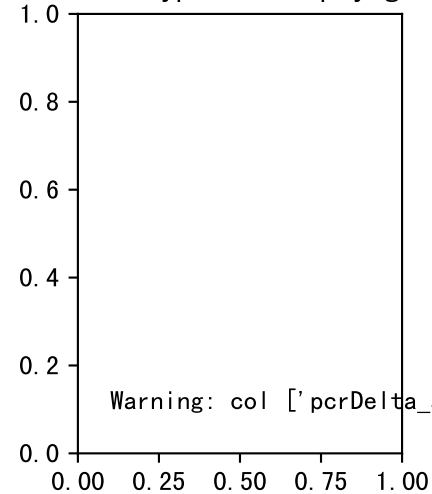


DeltaTypeAbbr=Wei AvgByD

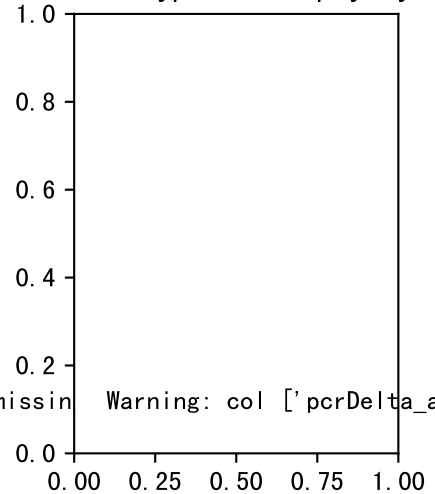


G3-10 LfA: D_15d_LfA

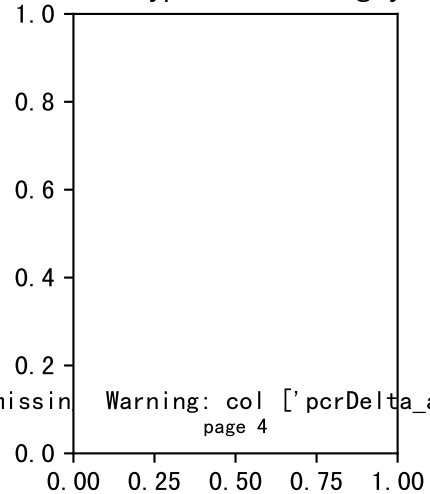
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

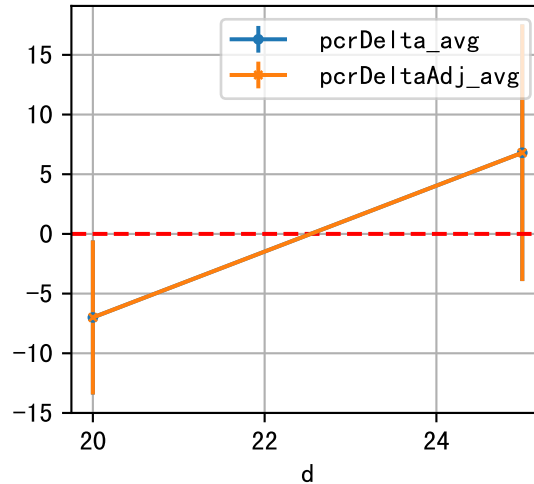


DeltaTypeAbbr=WeiAvgByD

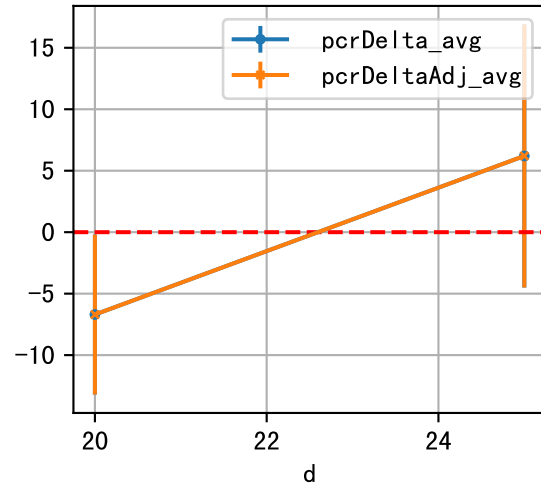


G3-10 LfA: D_Q50_LfA

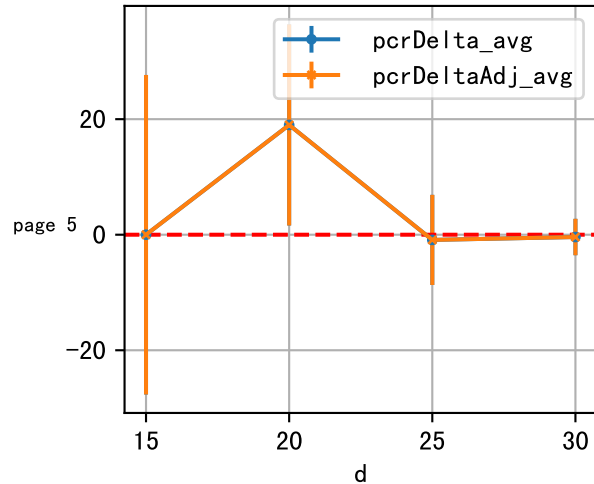
DeltaTypeAbbr=GrpByDay



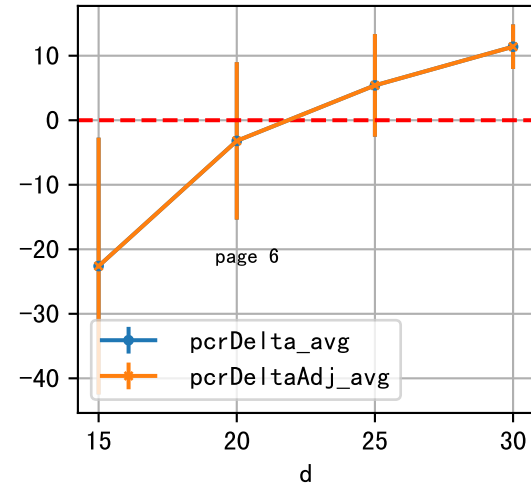
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

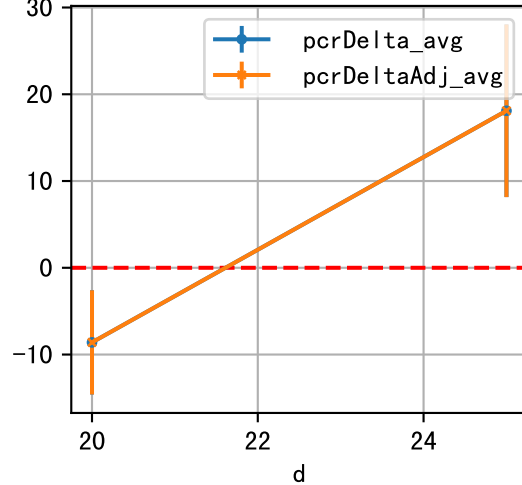


DeltaTypeAbbr=GrpByAge

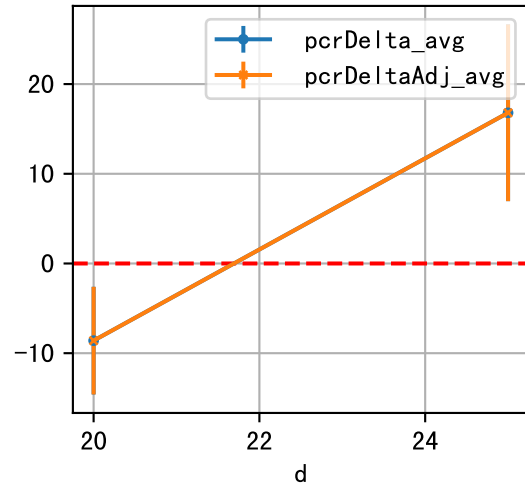


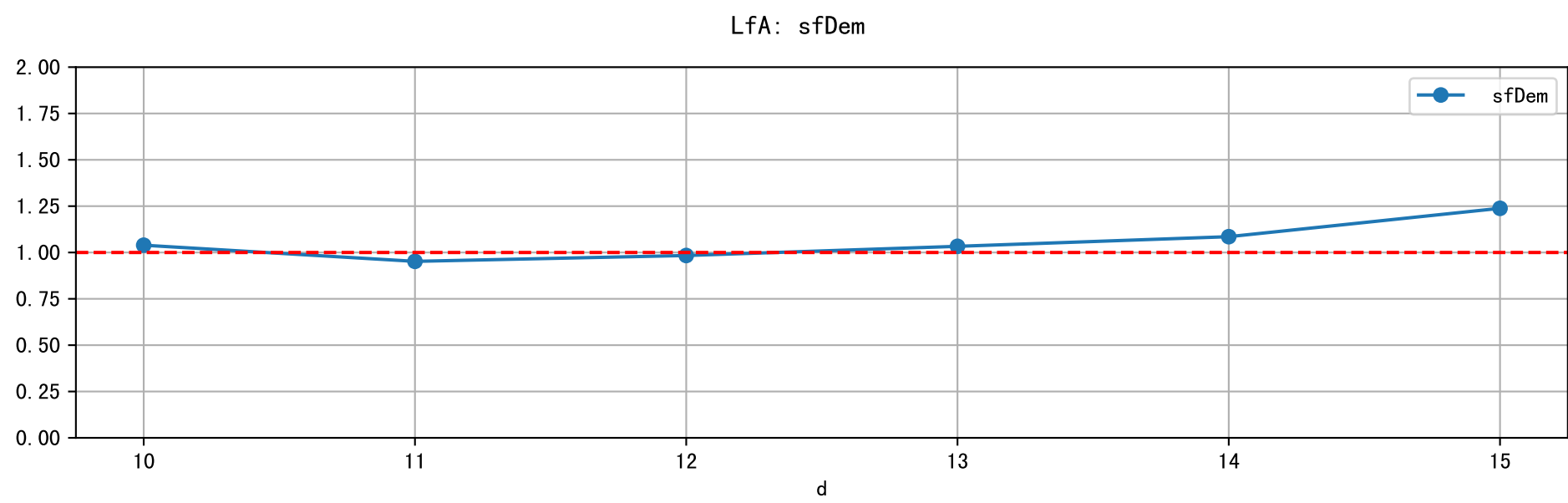
G3-10 LfA: D_Est_LfA

DeltaTypeAbbr=GrpByDay

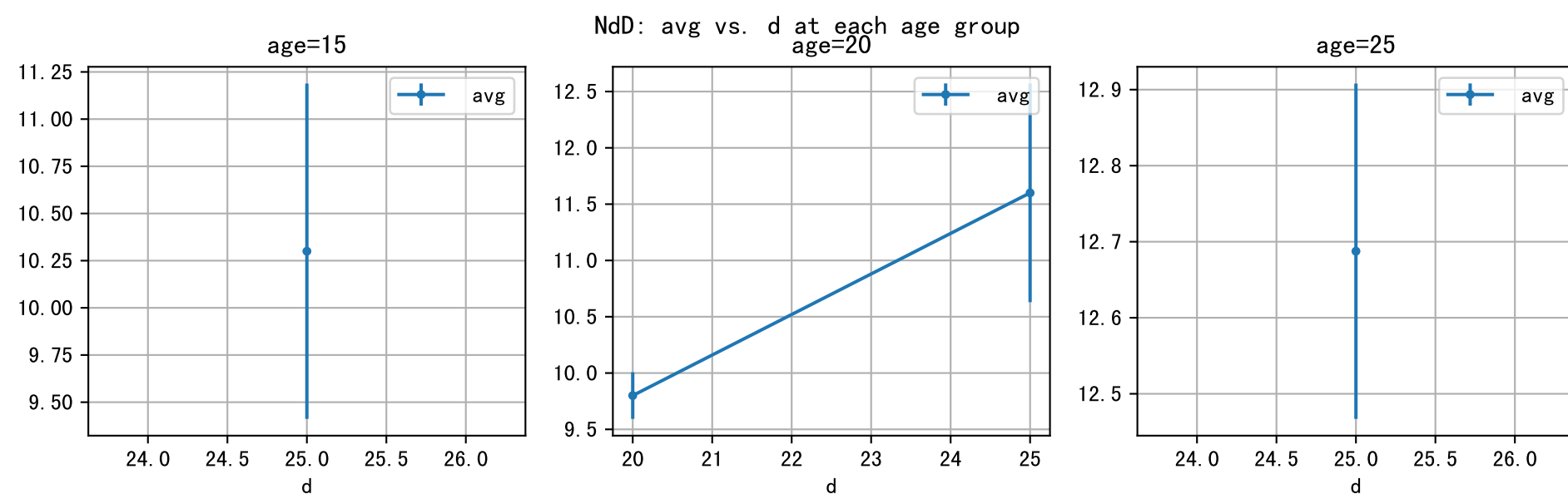


DeltaTypeAbbr=Wei AvgByD

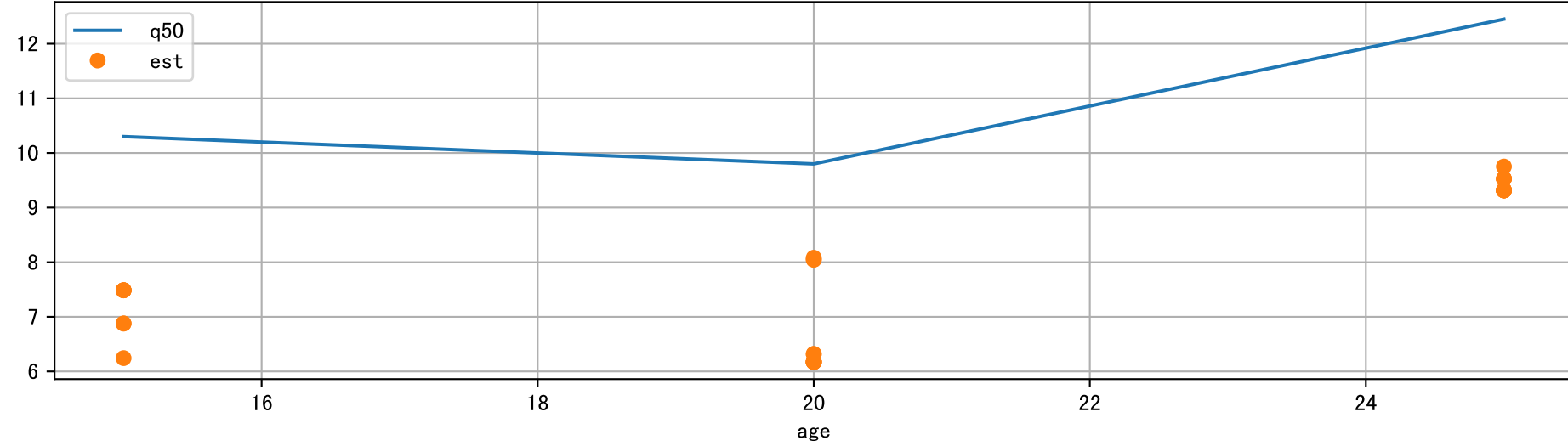






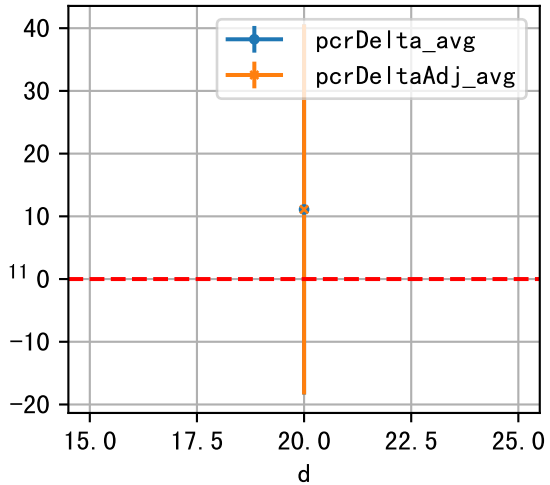


NdD: model est vs obs0v@Q50

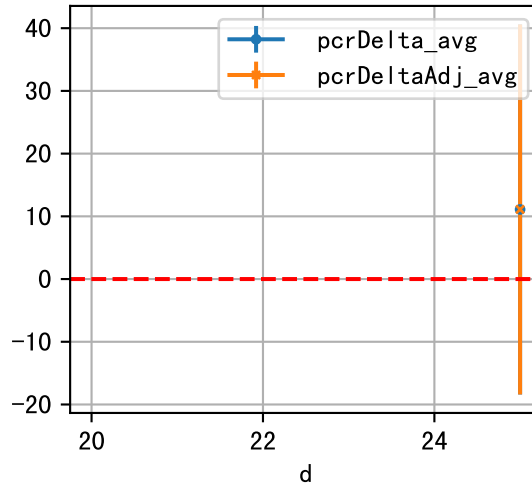


G3-10 NdD: D_5d_NdD

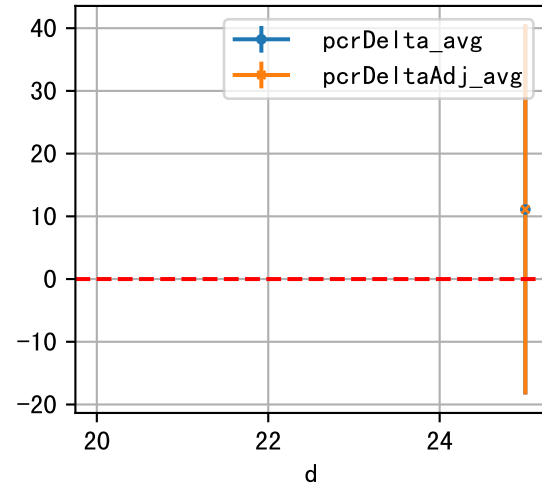
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

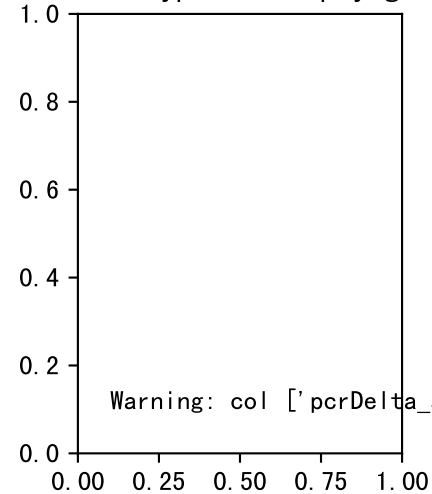


DeltaTypeAbbr=Wei AvgByD

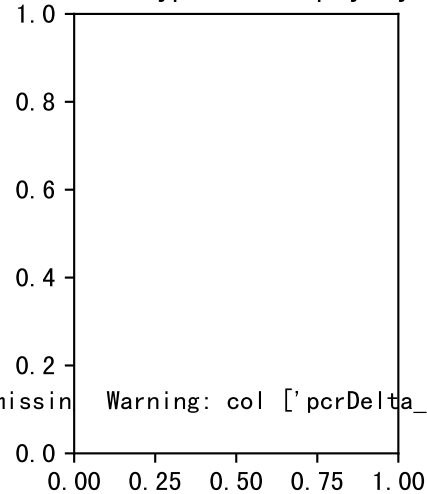


G3-10 NdD: D_15d_NdD

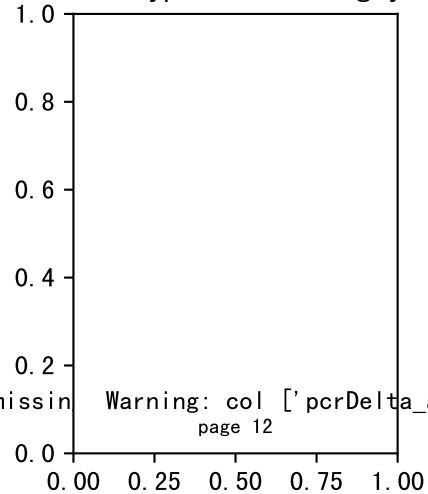
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

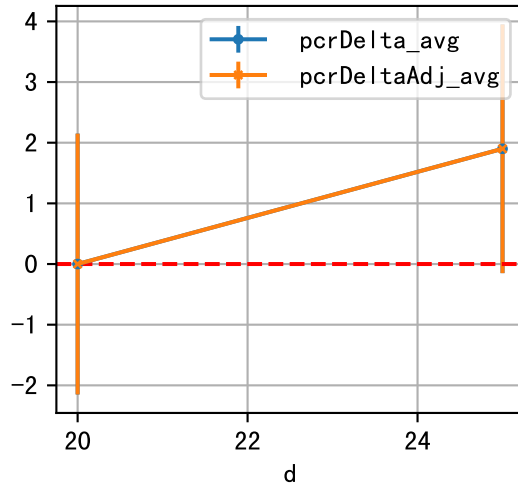


DeltaTypeAbbr=WeiAvgByD

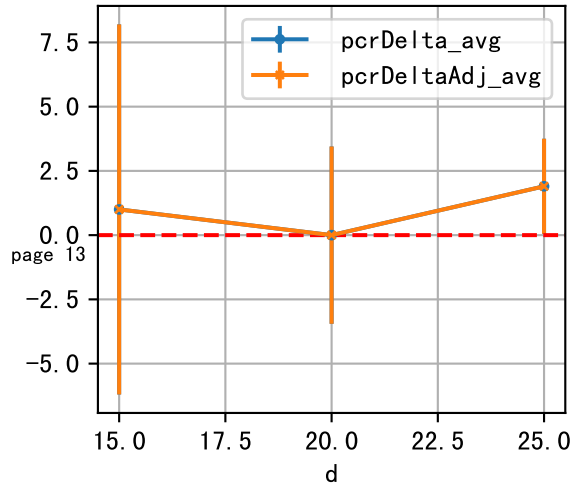


G3-10 NdD: D_Q50_NdD

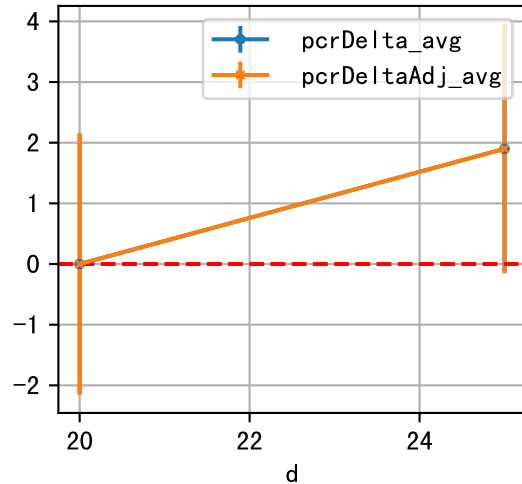
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

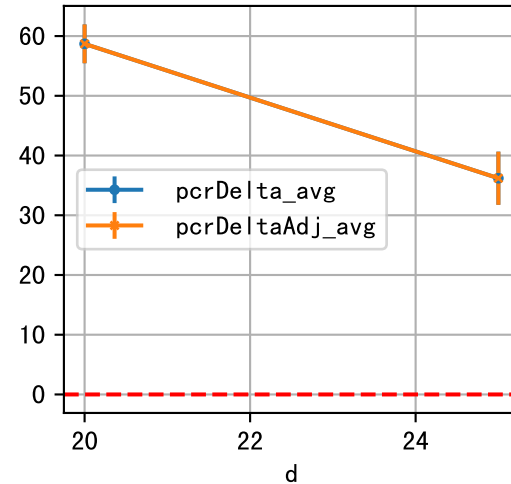


DeltaTypeAbbr=Wei AvgByD

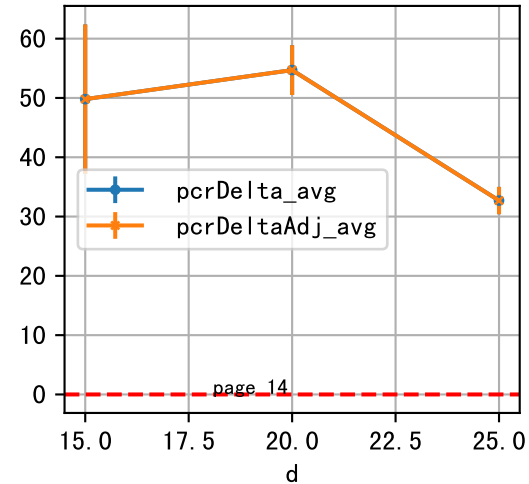


G3-10 NdD: D_Est_NdD

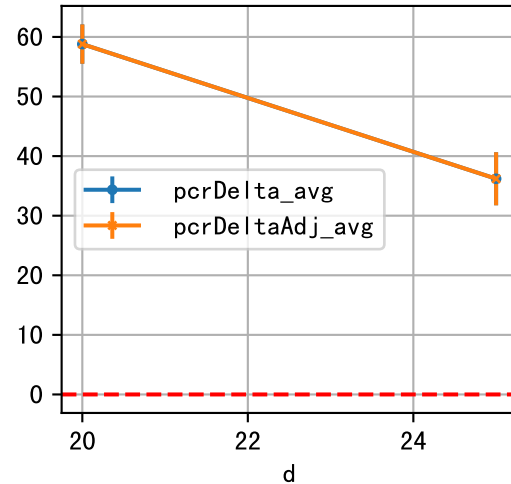
DeltaTypeAbbr=GrpByDay

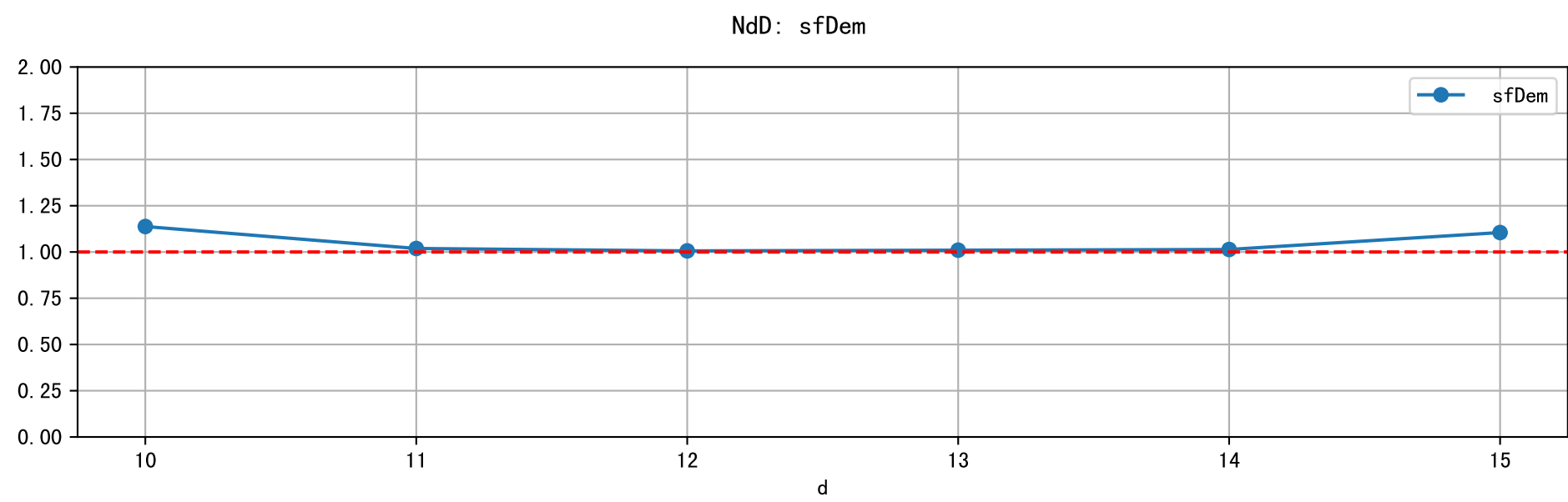


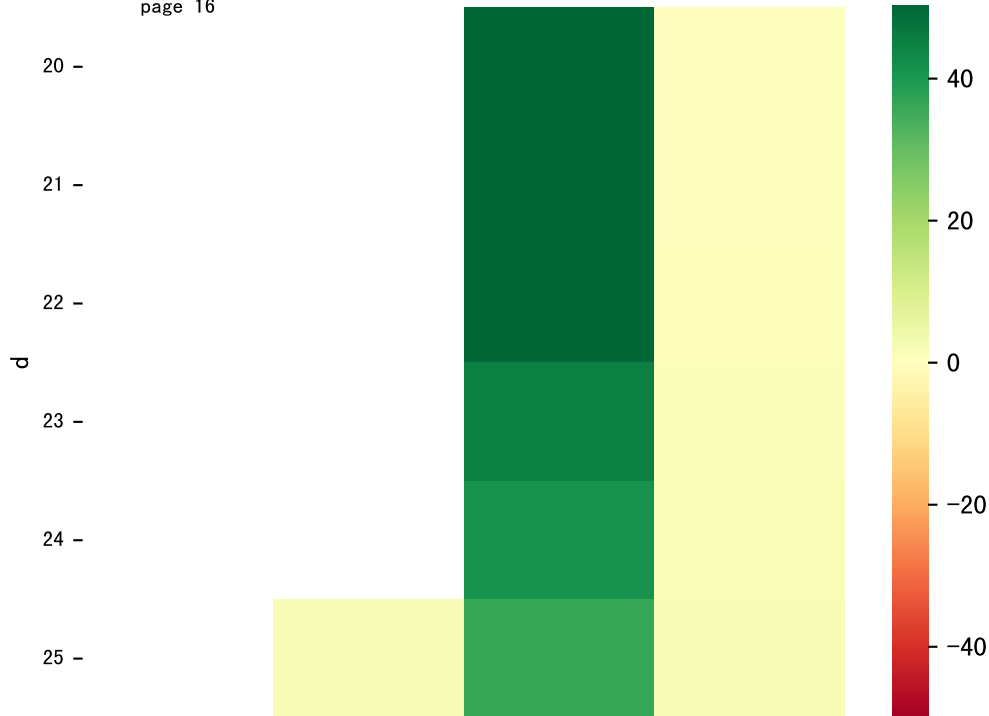
DeltaTypeAbbr=GrpByAge

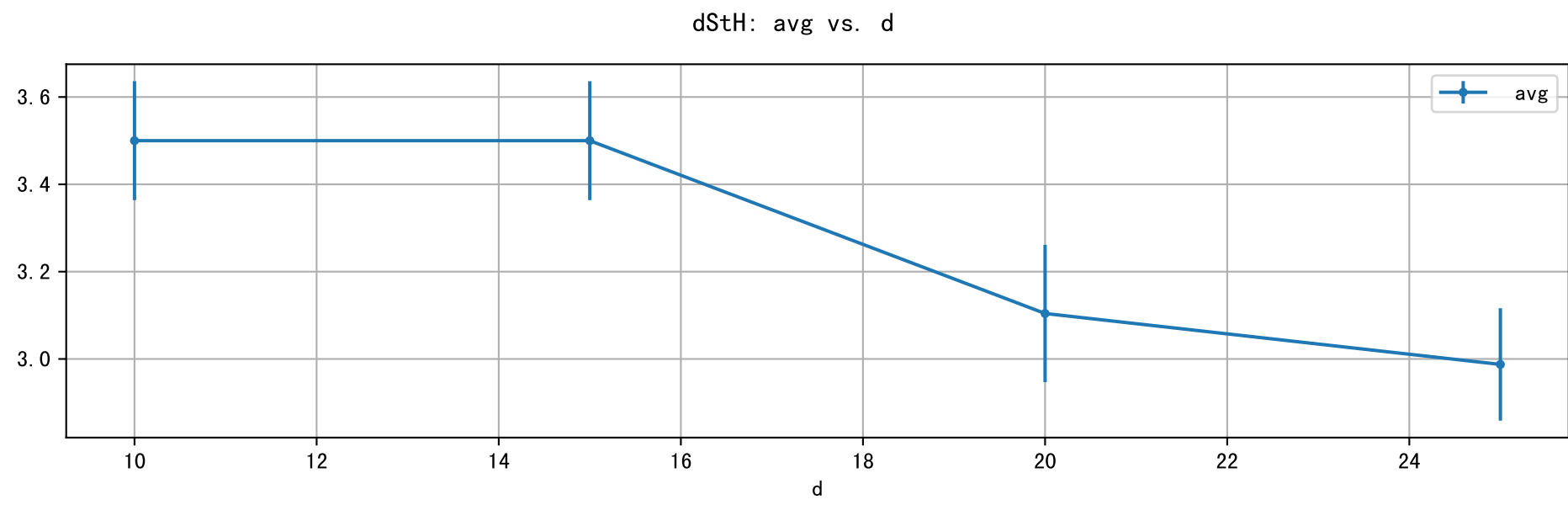


DeltaTypeAbbr=Wei AvgByD

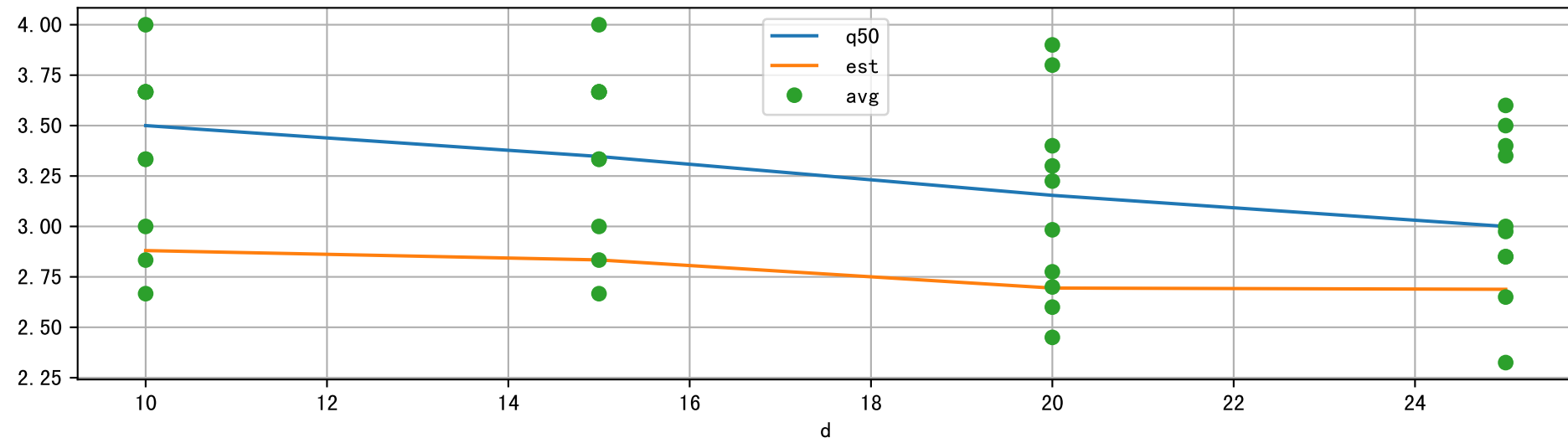




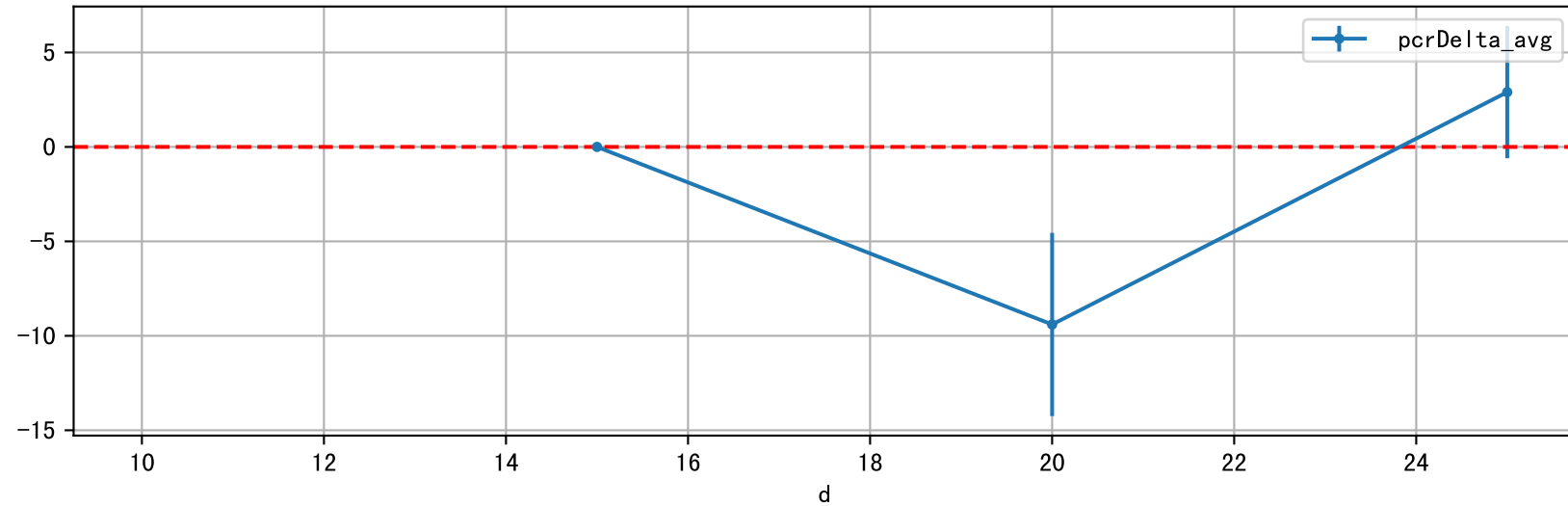


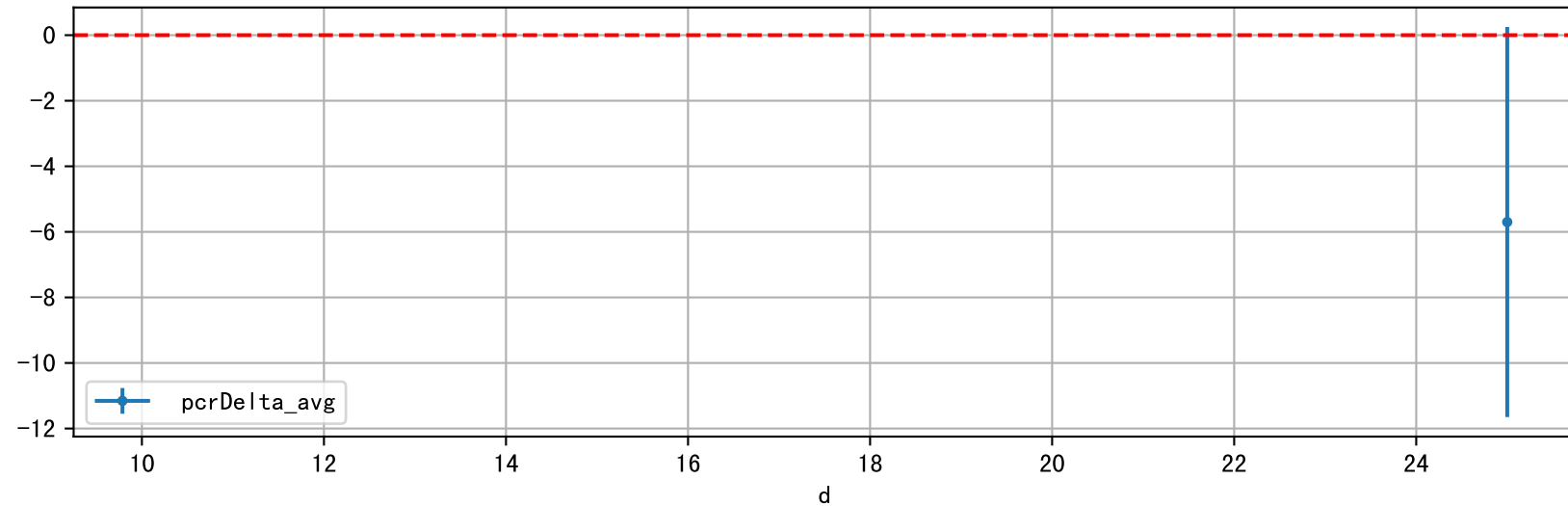


dStH: obsAvg vs obs0v@Q50

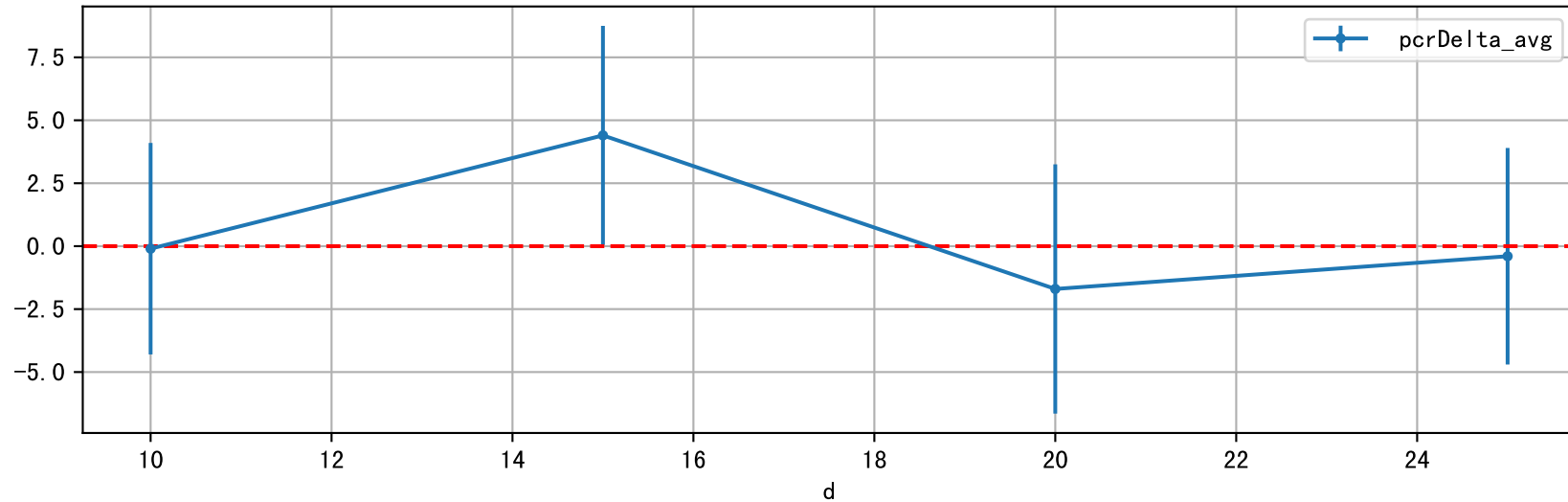


dStH: D_5d_StH

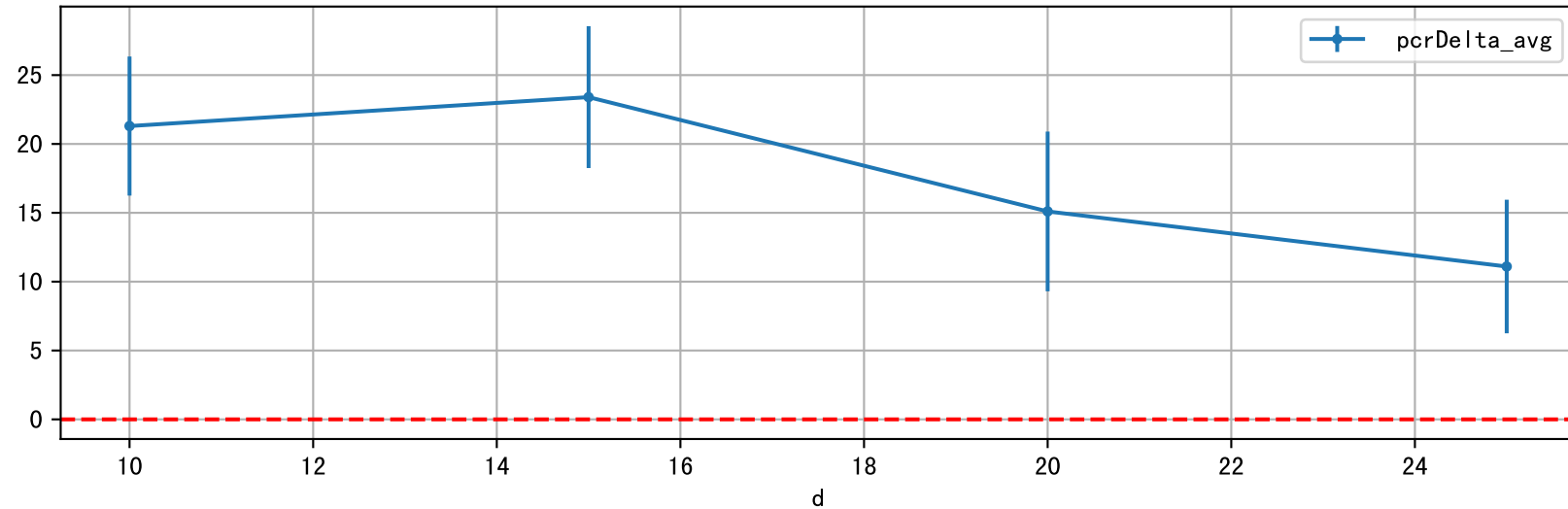




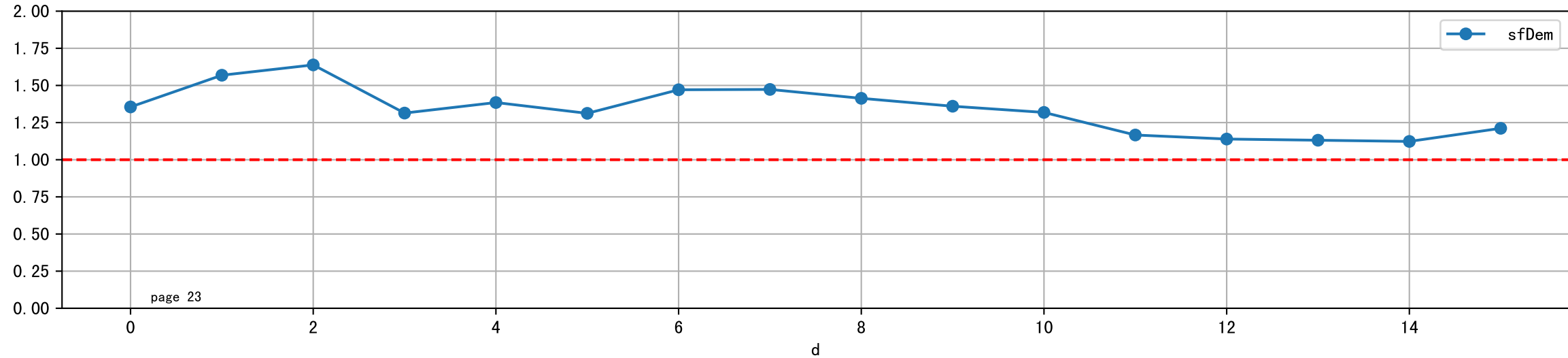
dStH: D_Q50_StH



dStH: D_Est_StH



dStH: sfDem



d



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