

Phenotype Data Analysis Plots

PhenoData day range = 8 – 24

Analysis cutoff day = 24

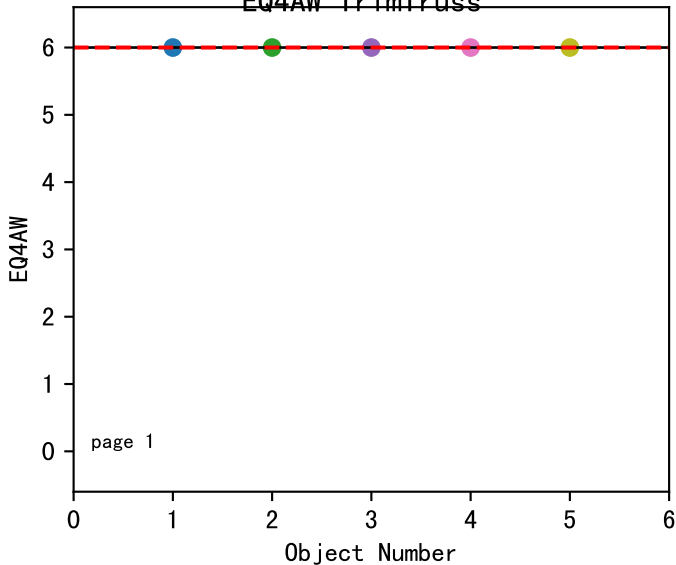
NC11 EQ4

2025-06-17 (Day 25)

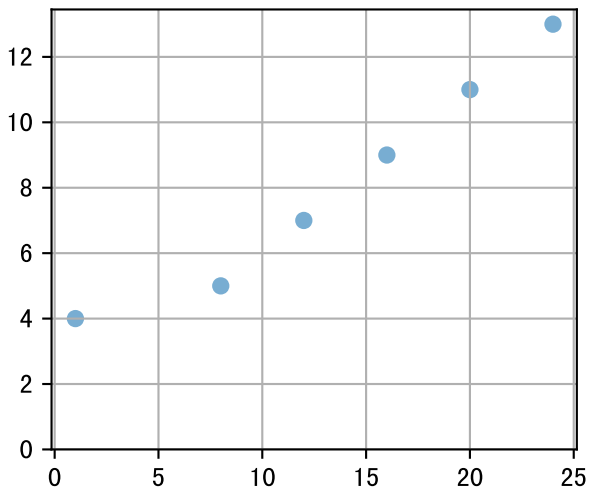
TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

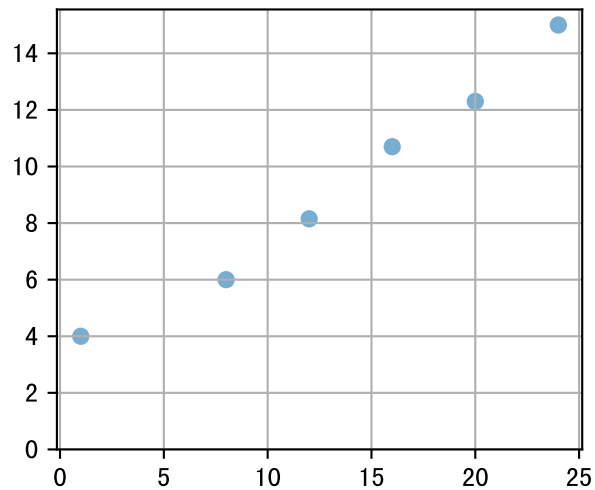
EQ4AW TrimTruss



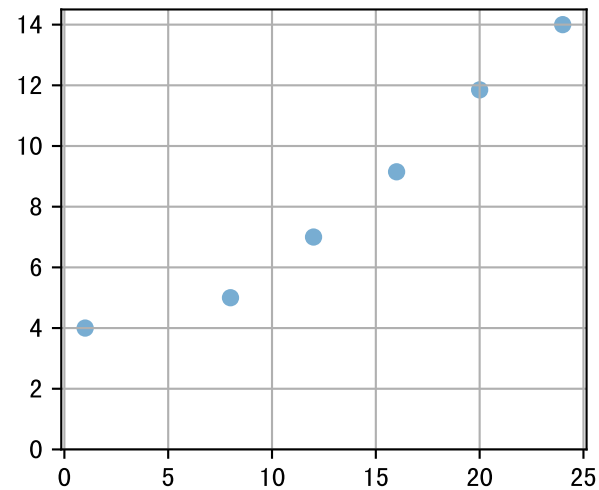
EQ4AW-27-18 (fit failed)



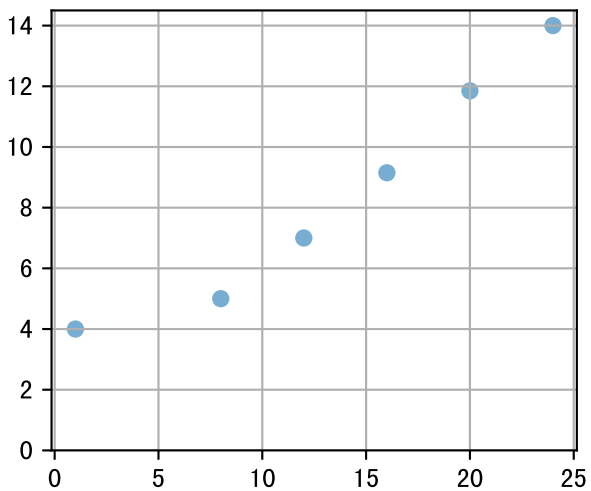
EQ4AW-33-62 (fit failed)



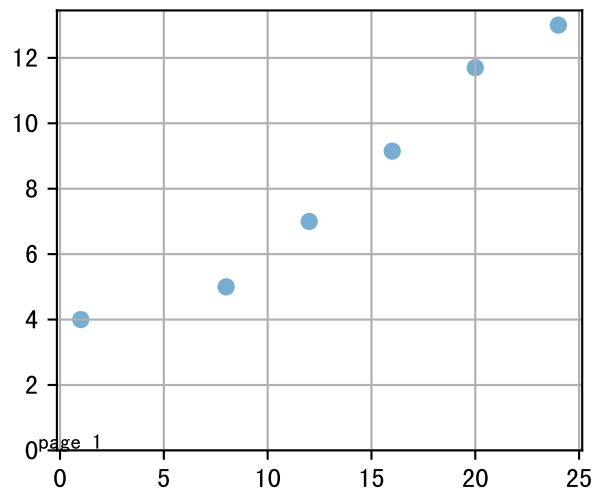
EQ4AW-38-23 (fit failed)



EQ4AW-42-9 (fit failed)

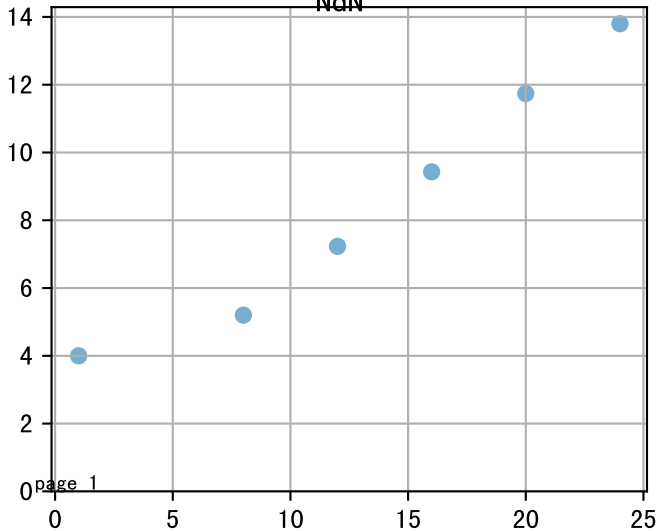


EQ4AW-49-56 (fit failed)



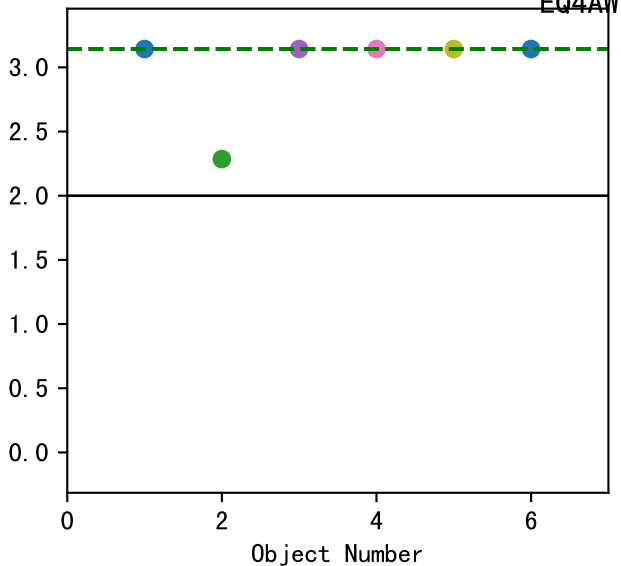
EQ4AWavg (fit failed)

NdN



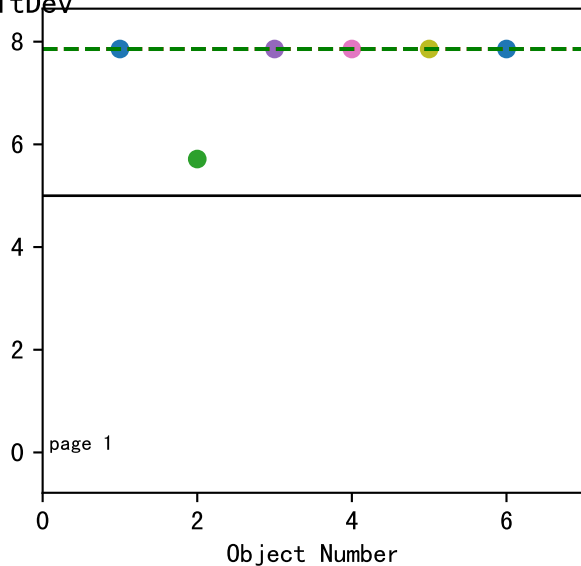
InitDev_dm (Def=2 Set=3.14)

avg1=3.14~0% avg2=3.14

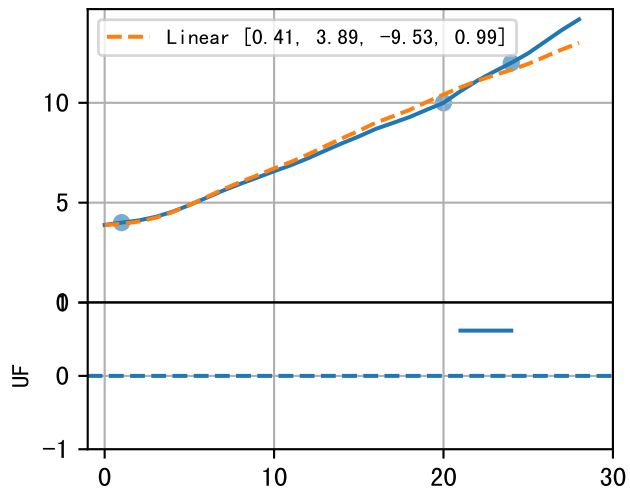


InitDev_de (Def=5 Set=7.86)

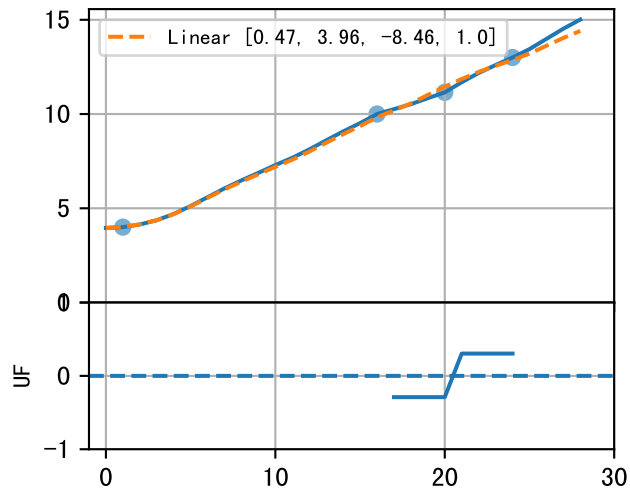
avg1=7.86~0% avg2=7.86



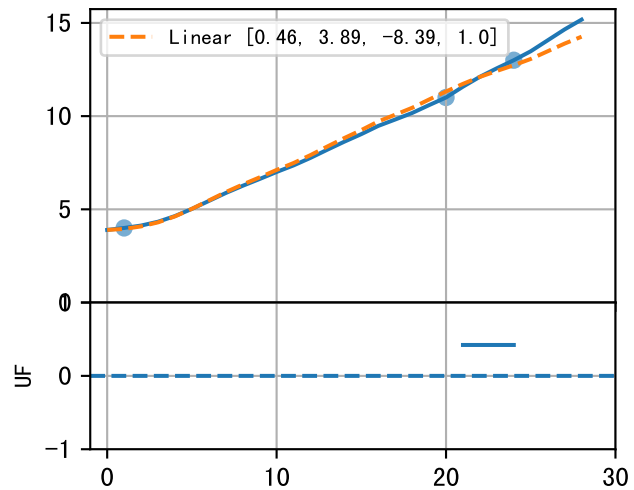
EQ4AW-27-18



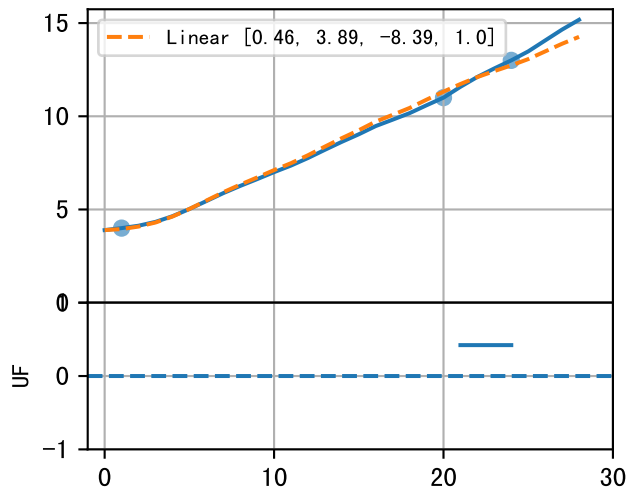
EQ4AW-33-62



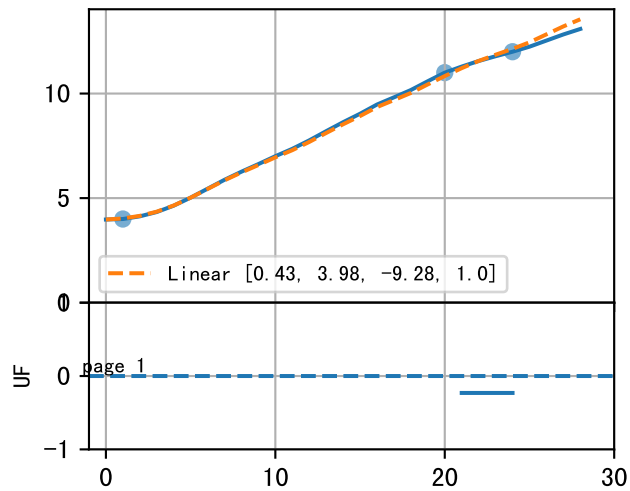
EQ4AW-38-23



EQ4AW-42-9



EQ4AW-49-56

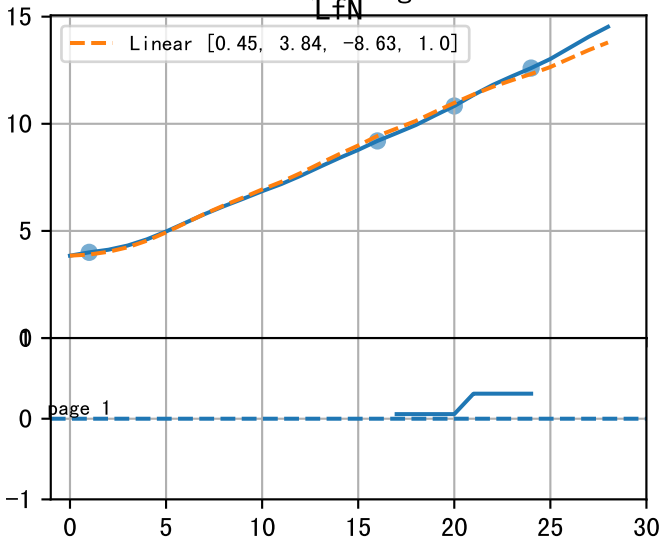


EQ4AWavg
Lfn

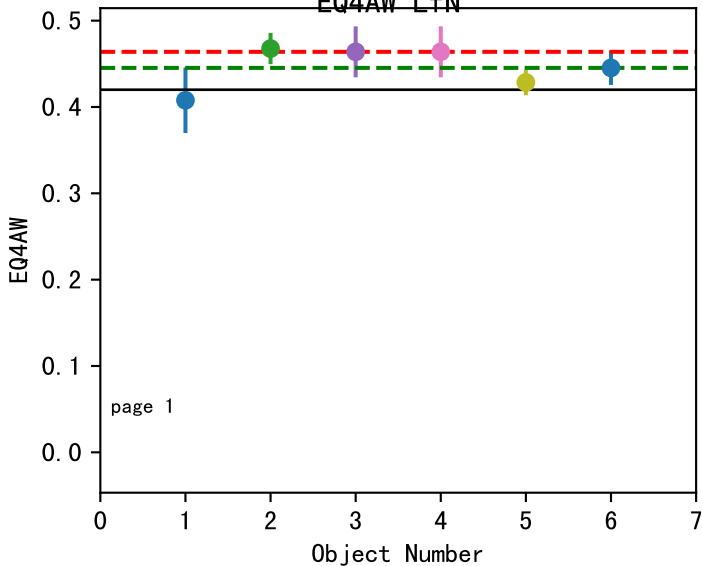
Linear [0.45, 3.84, -8.63, 1.0]

UF

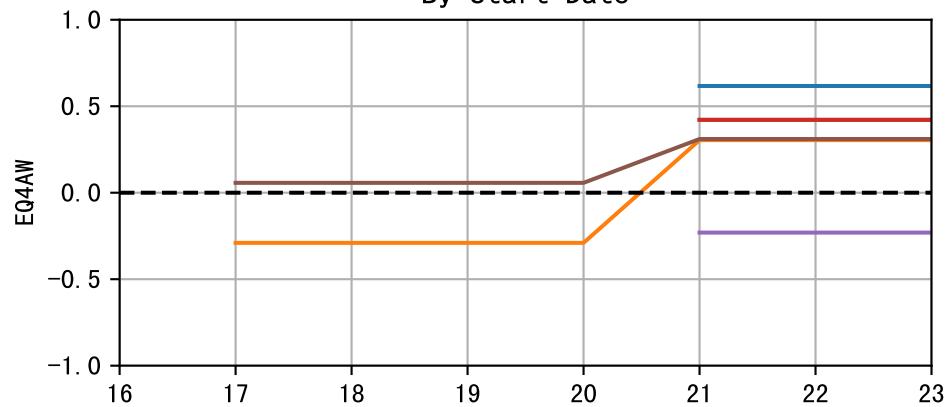
page 1



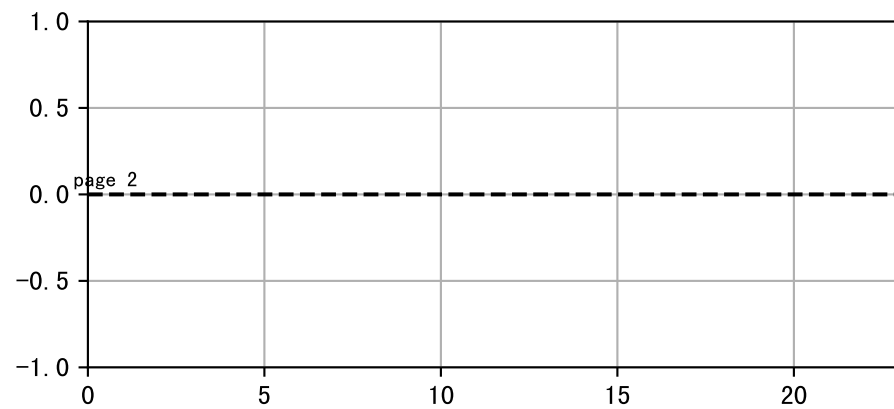
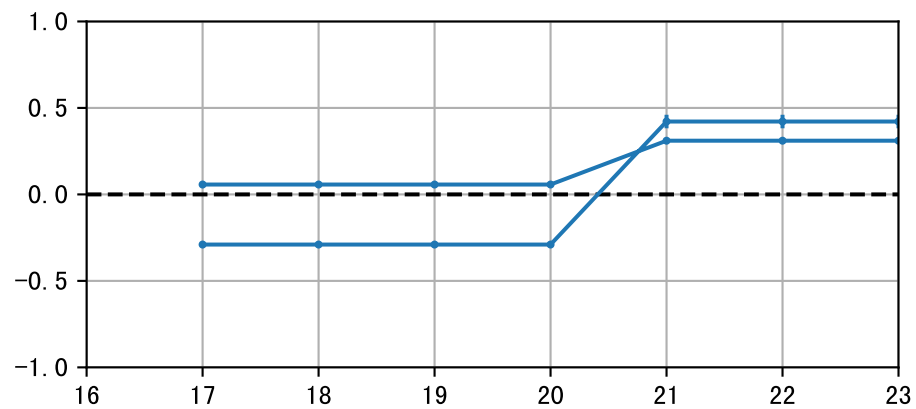
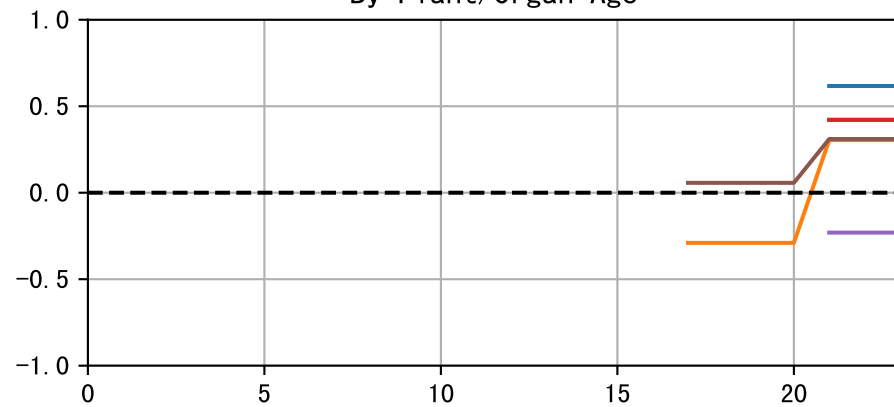
a (Def=0.42 Set=0.45)
avg1=0.46 $\sim$ 6% avg2=0.45 $\sim$ 10%
EQ4AW LFN



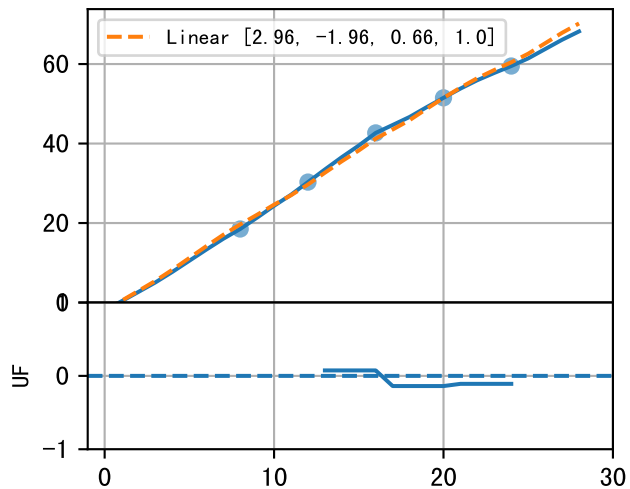
By Start Date



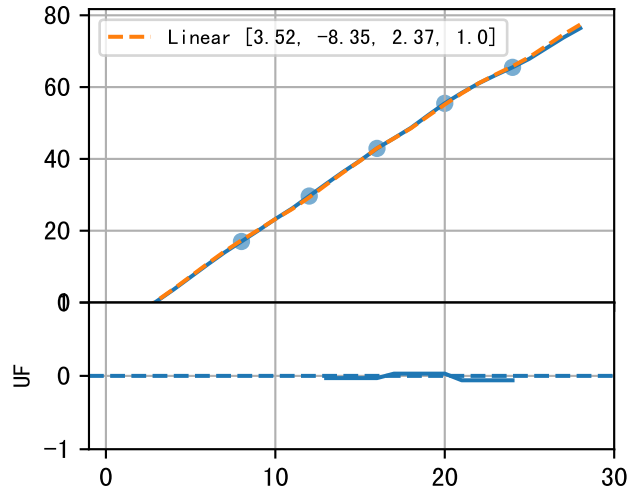
By Plant/Organ Age



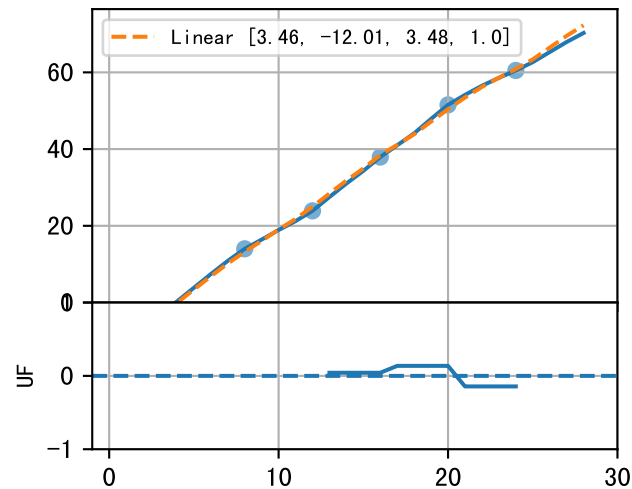
EQ4AW-27-18



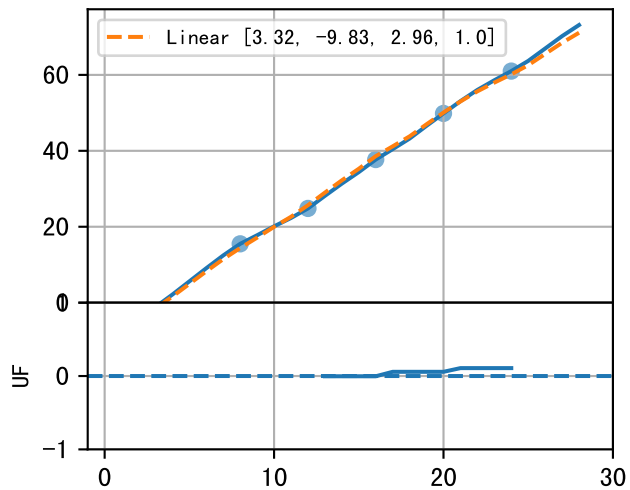
EQ4AW-33-62



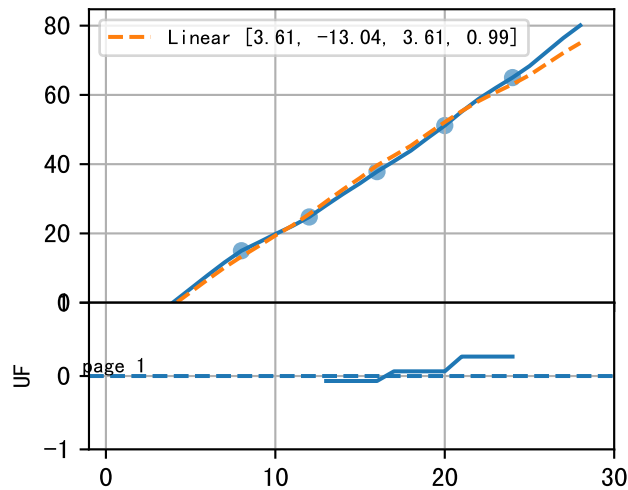
EQ4AW-38-23



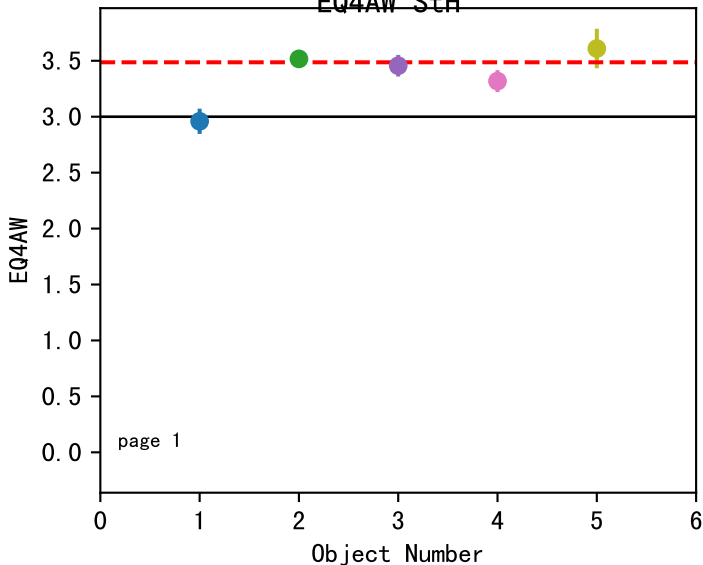
EQ4AW-42-9



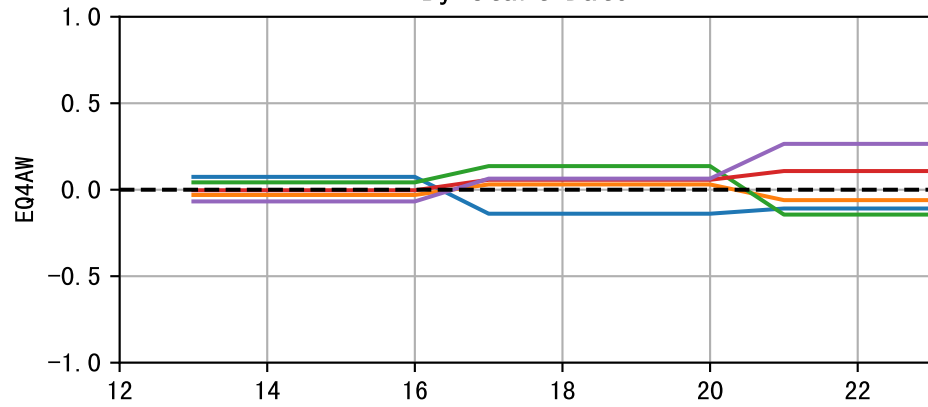
EQ4AW-49-56



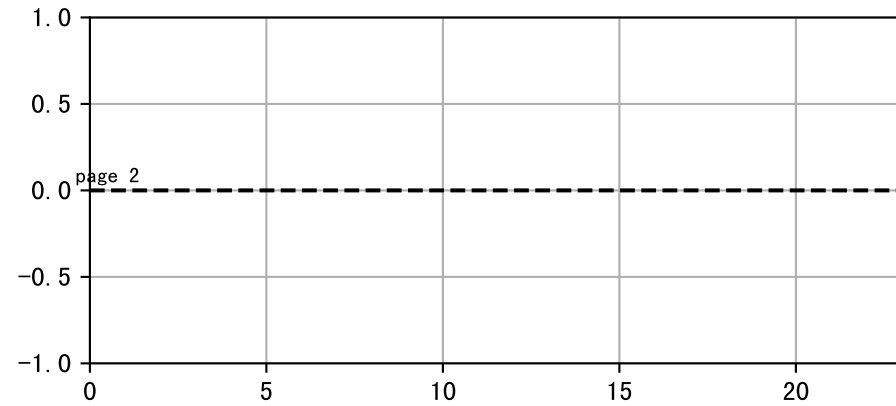
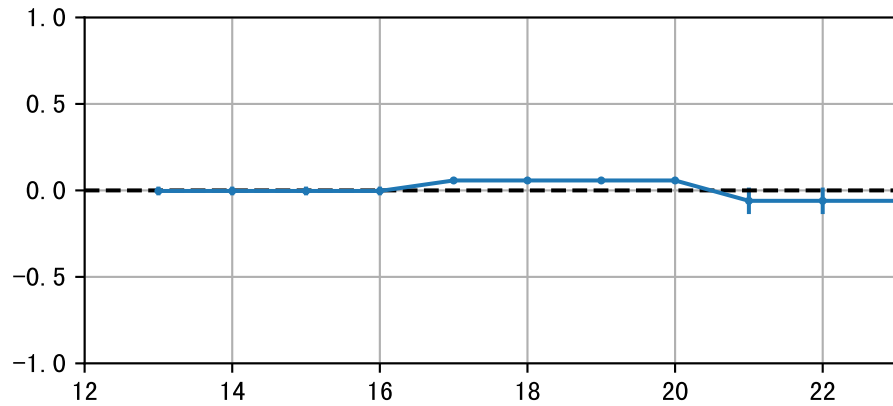
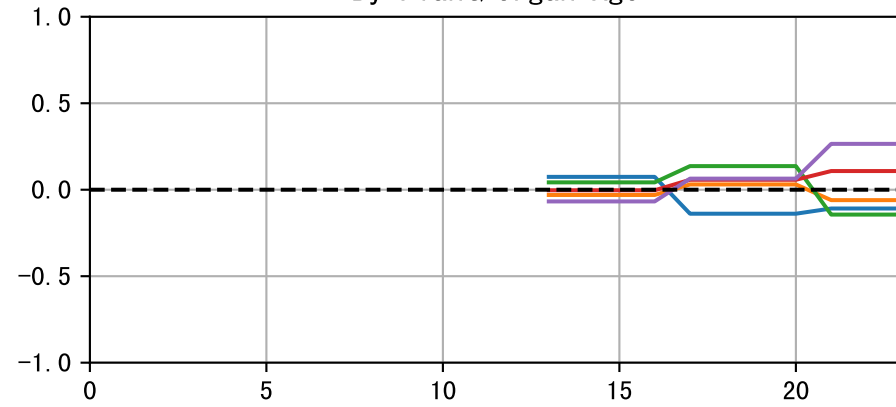
a (Def=3 Set=3.49)
avg1=3.49~4% avg2=na
EQ4AW StH

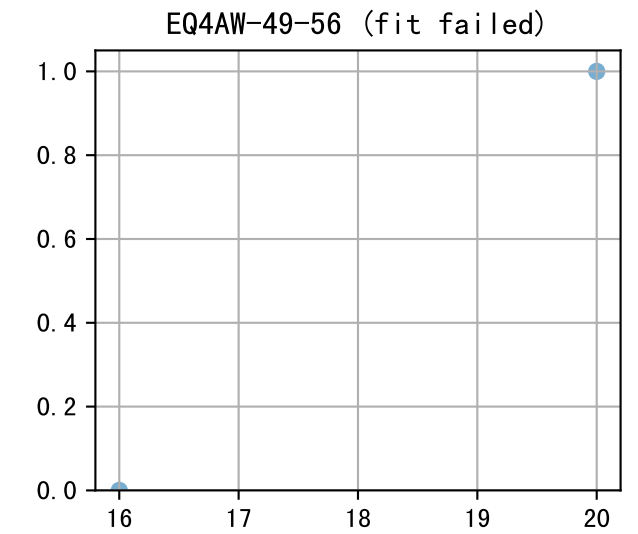
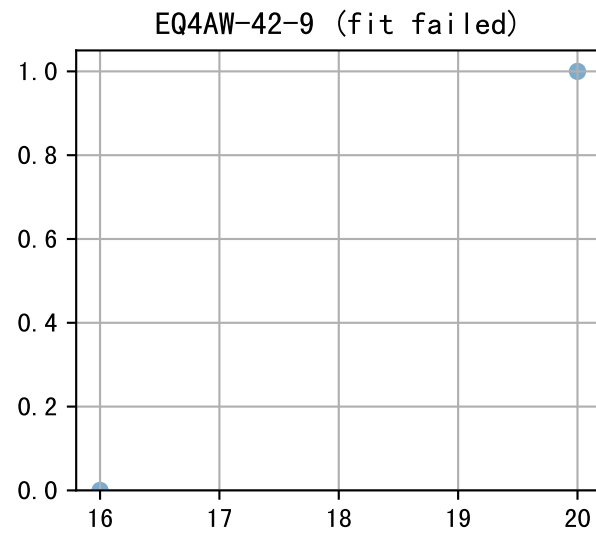
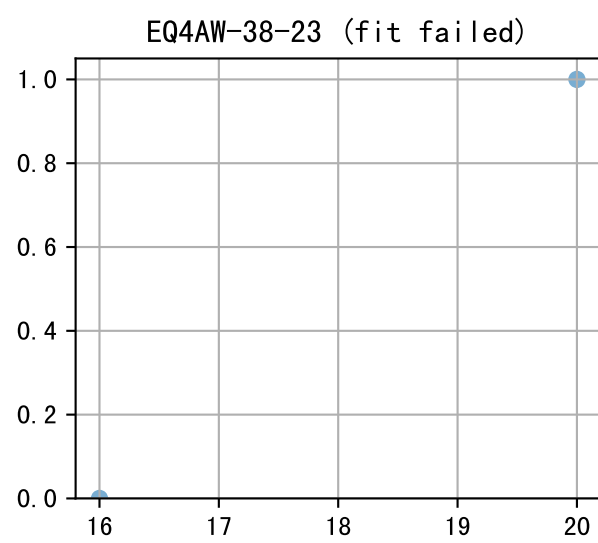
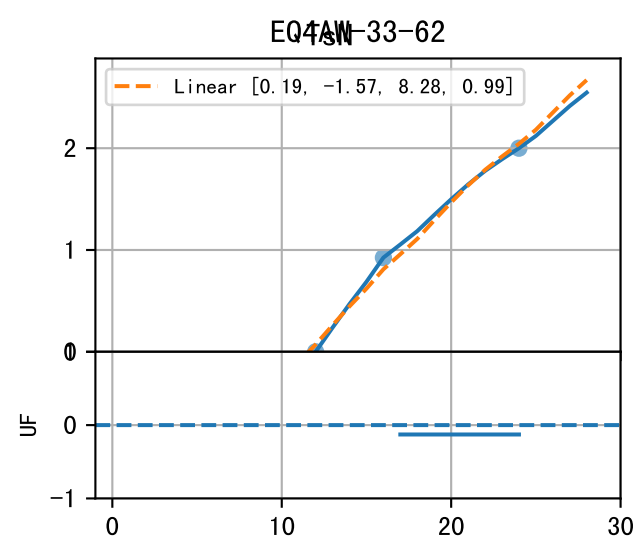
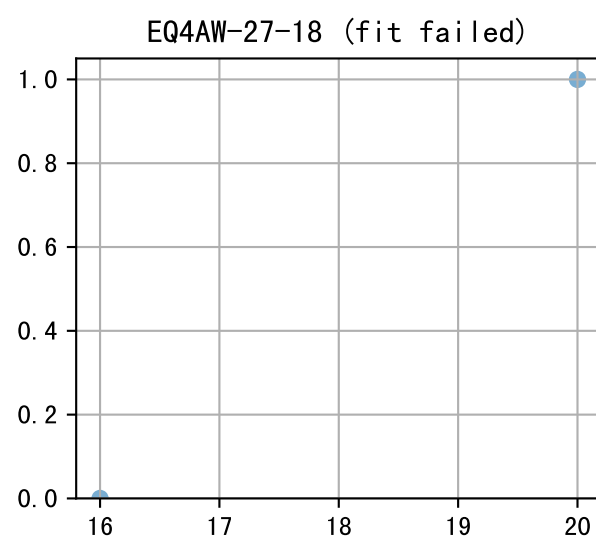


By Start Date



By Plant/Organ Age



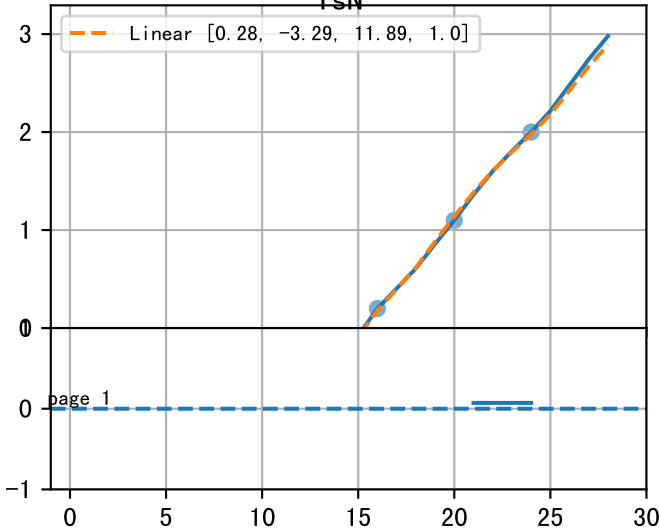


EQ4AWavg
Tsn

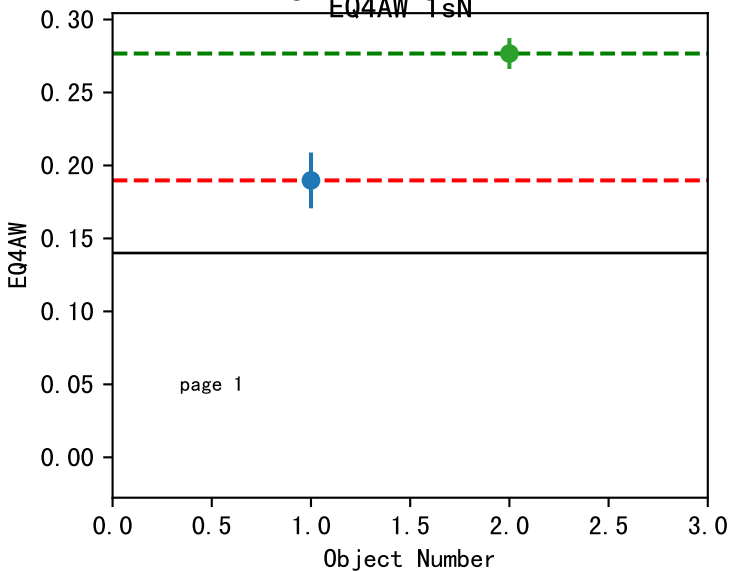
Linear [0.28, -3.29, 11.89, 1.0]

UF

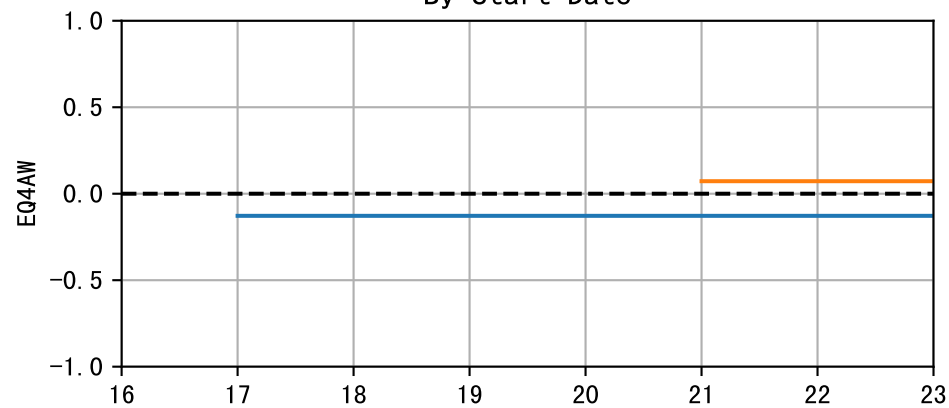
page 1



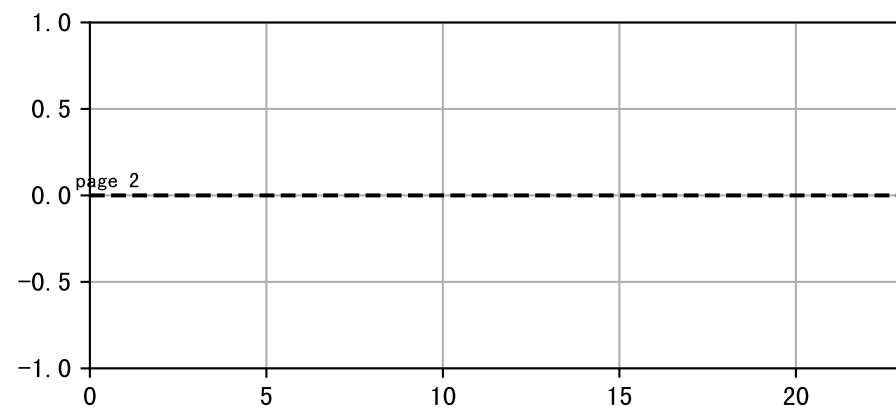
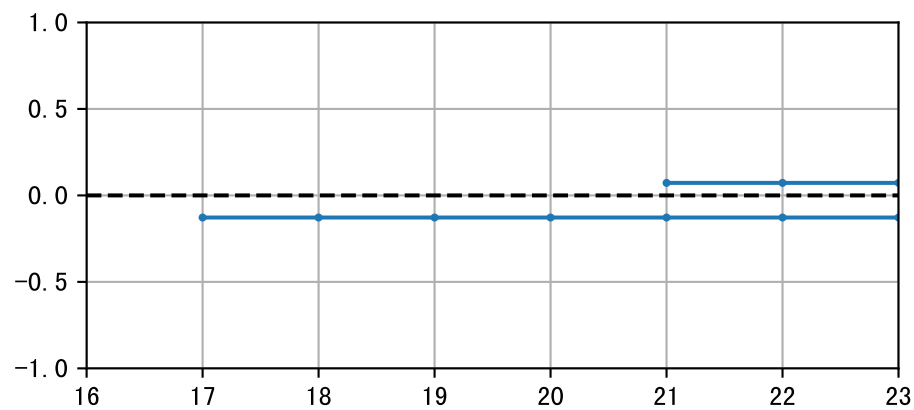
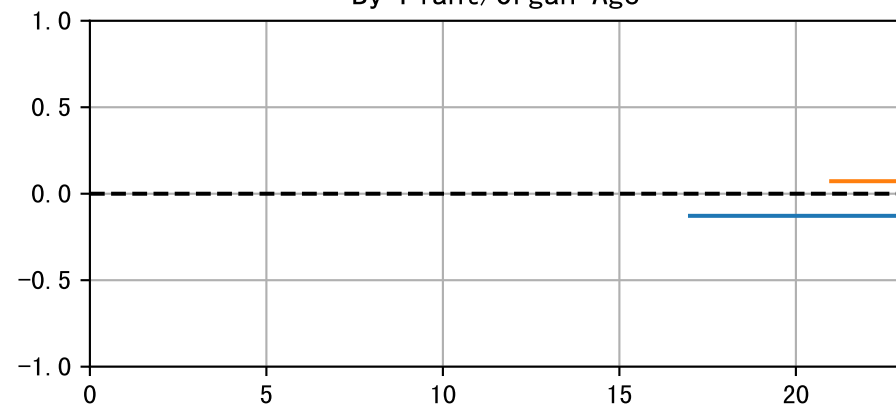
a (Def=0.14 Set=0.28)
avg1=0.19 avg2=0.28~8%



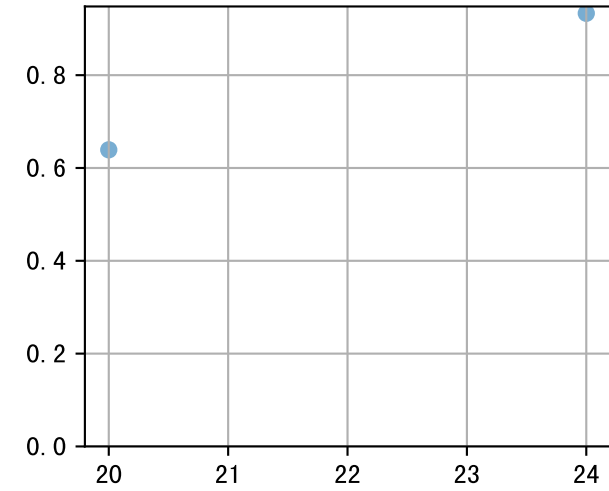
By Start Date



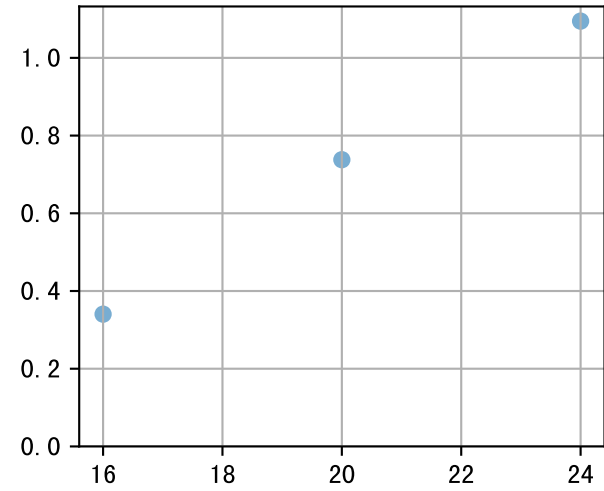
By Plant/Organ Age



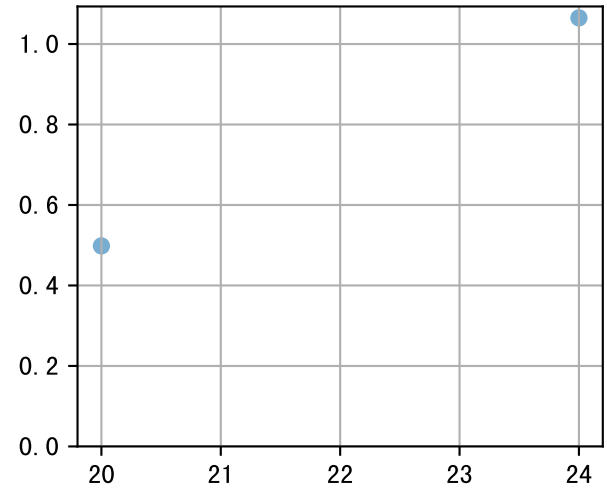
EQ4AW-27-18L7 (fit failed)



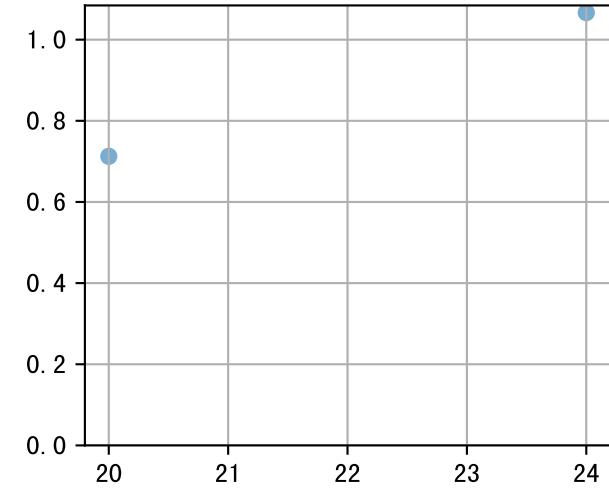
EQ4AW-33-62L7 (fit failed)



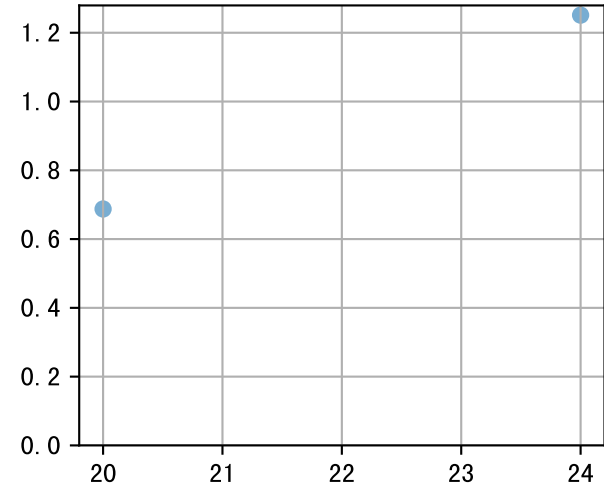
EQ4AW-38-23L8 (fit failed)

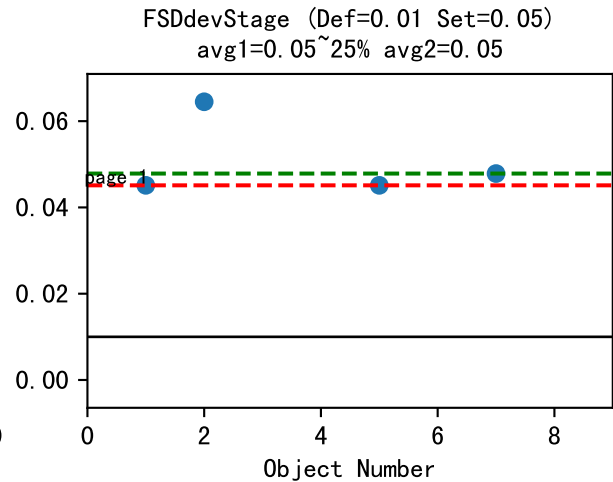
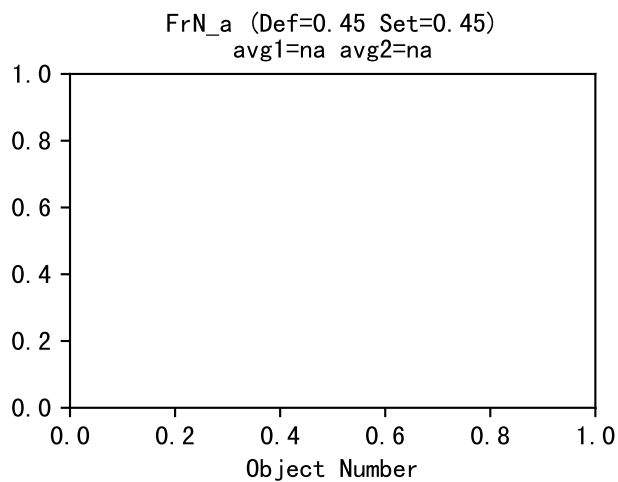
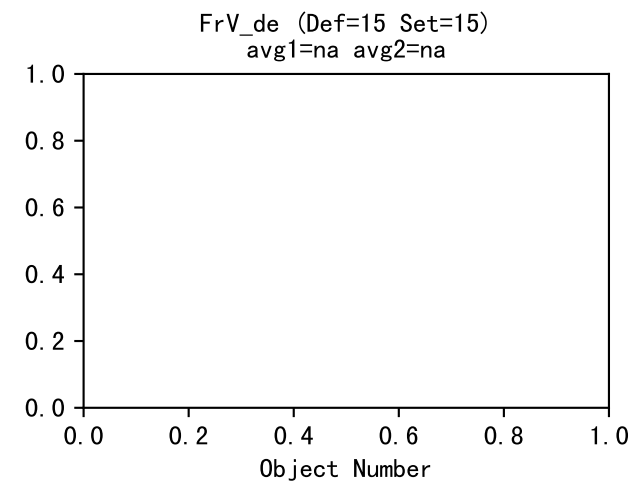
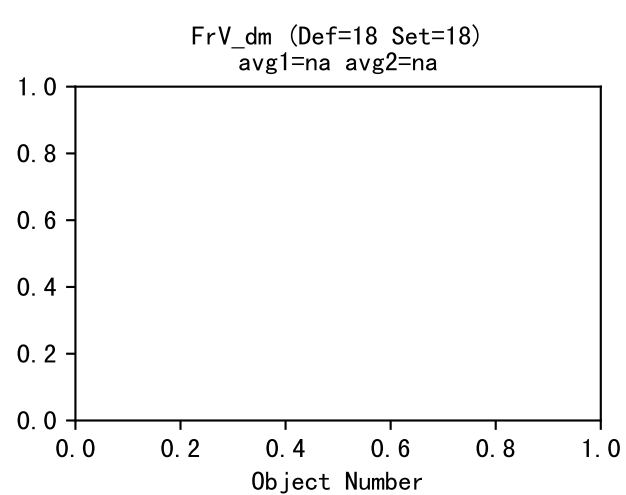
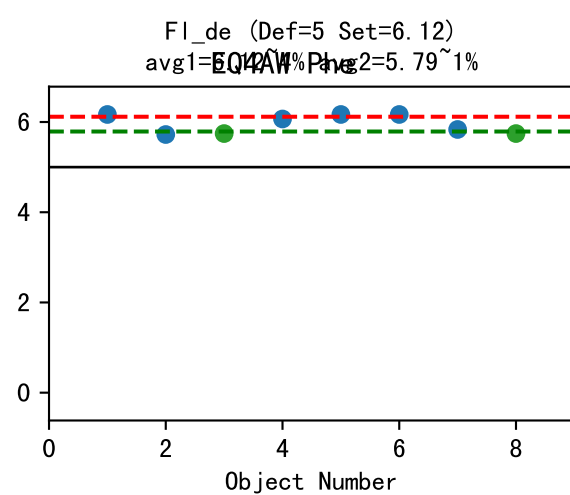
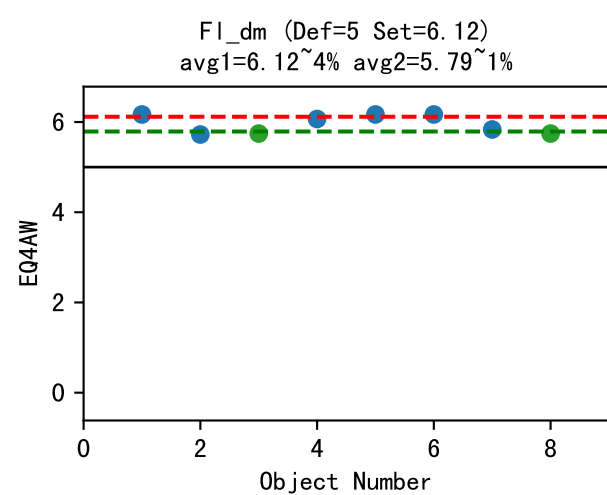


EQ4AW-42-9L7 (fit failed)

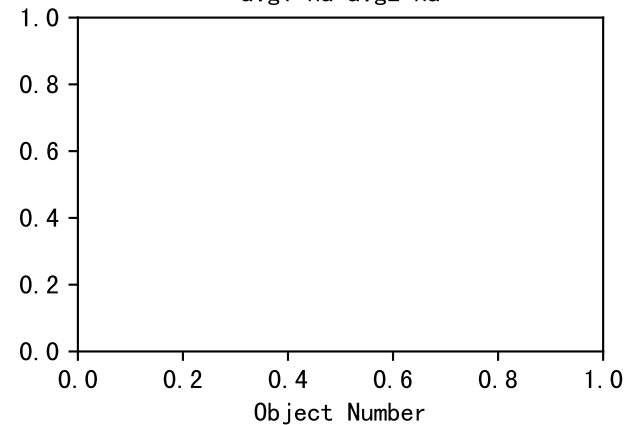


EQ4AW-49-56L7 (fit failed)

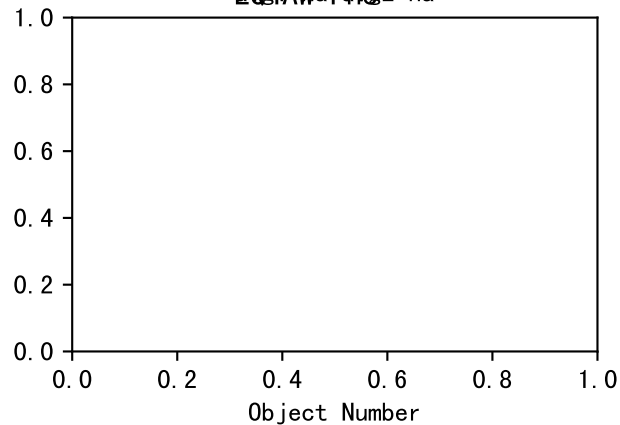




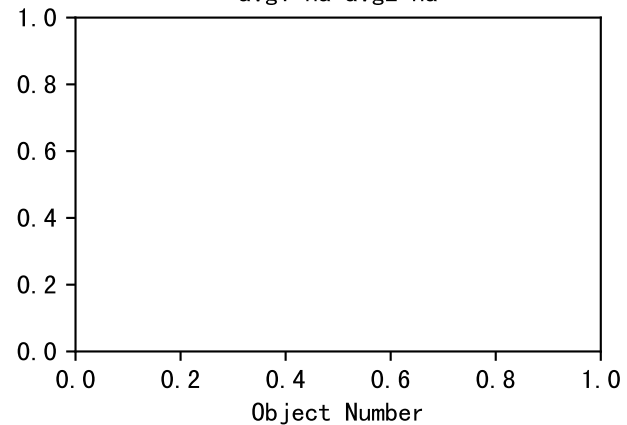
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



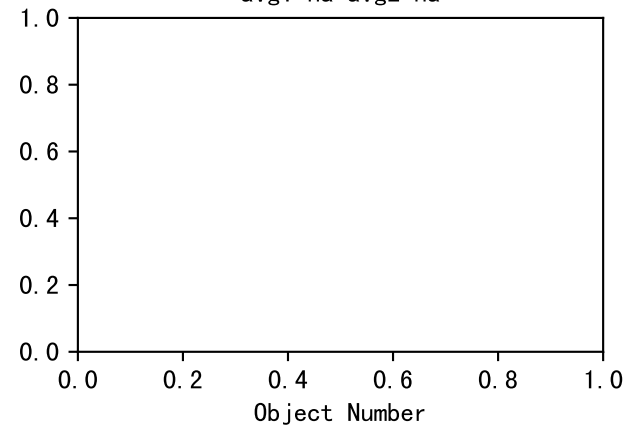
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



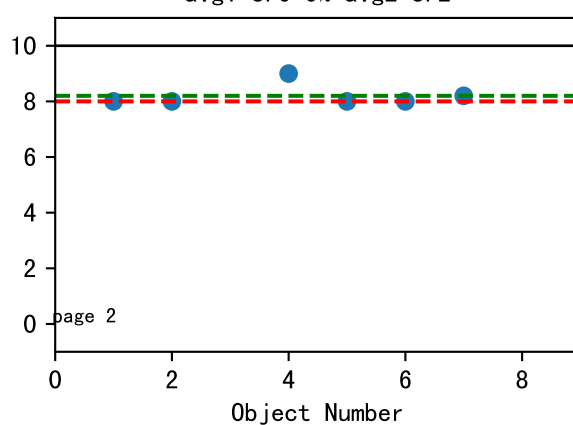
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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



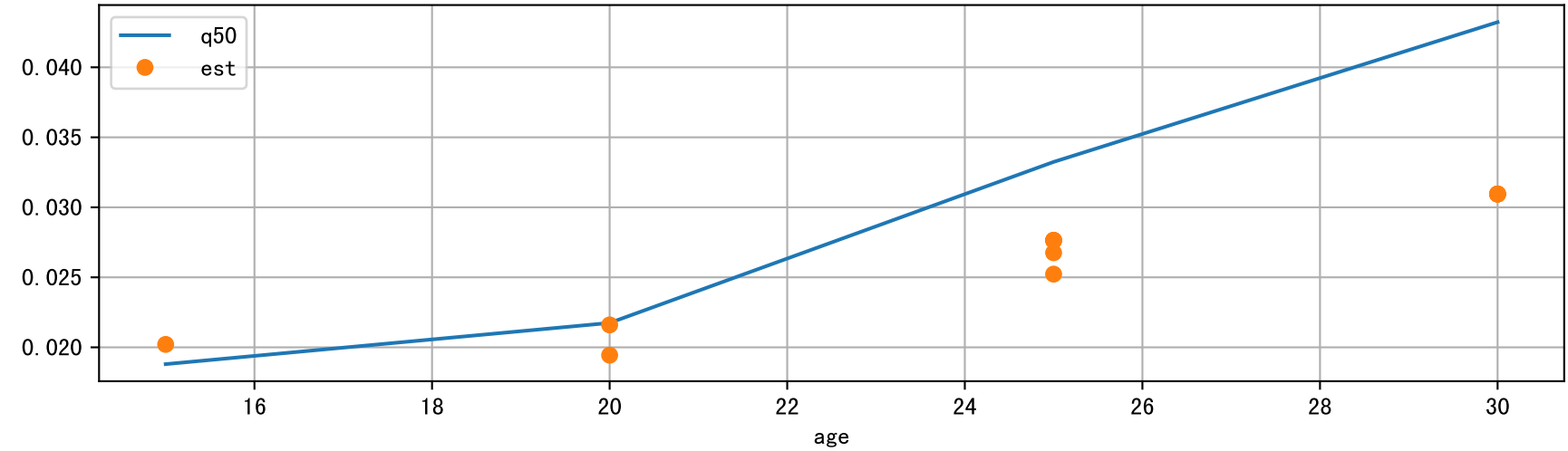
NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=8.2



LfA: avg vs. d at each age group

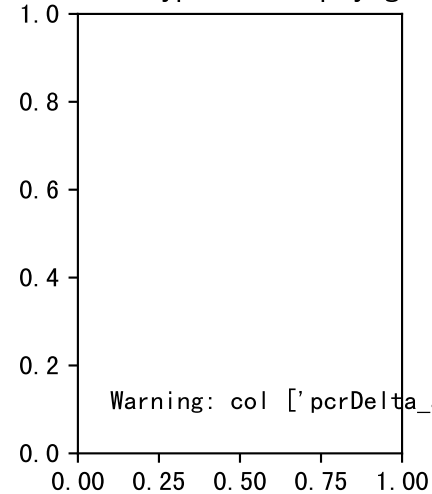


LfA: model est vs obs0v@Q50

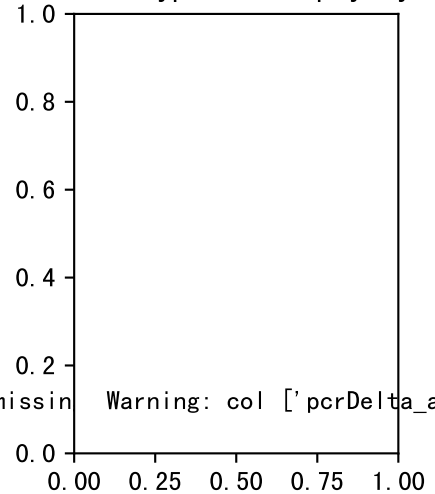


EQ4AW LfA: D_5d_LfA

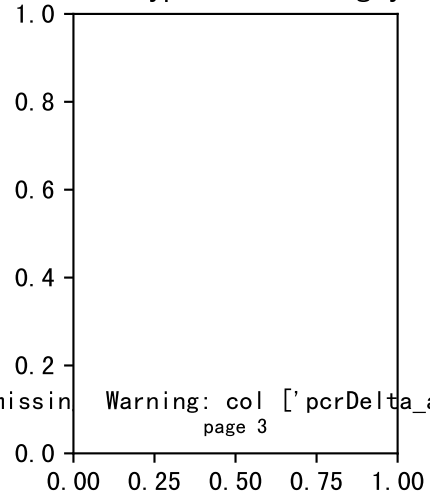
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

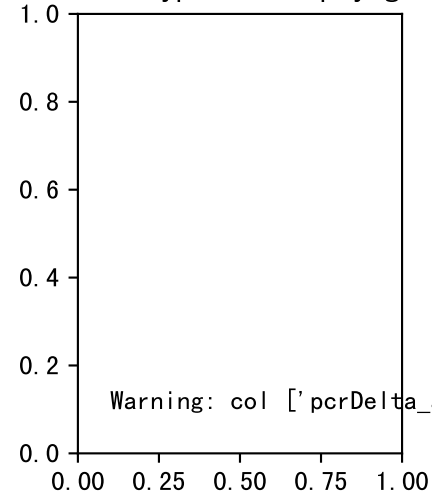


DeltaTypeAbbr=WeiAvgByD

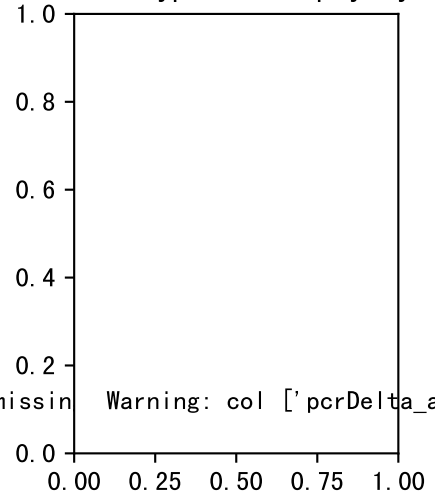


EQ4AW LfA: D_15d_LfA

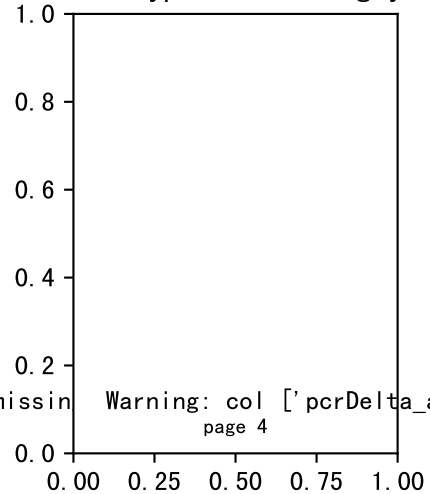
DeltaTypeAbbr=GrpByAge



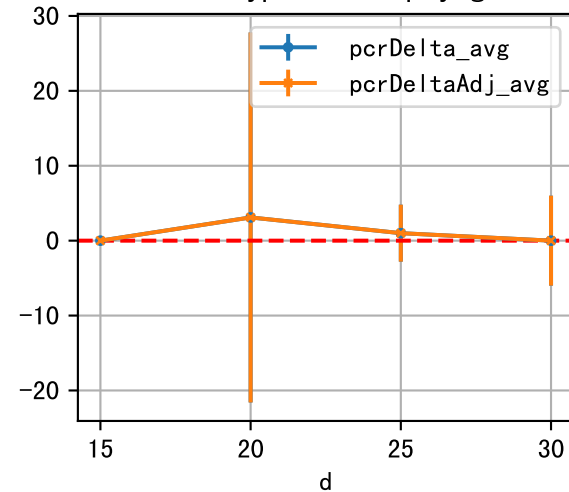
DeltaTypeAbbr=GrpByDay



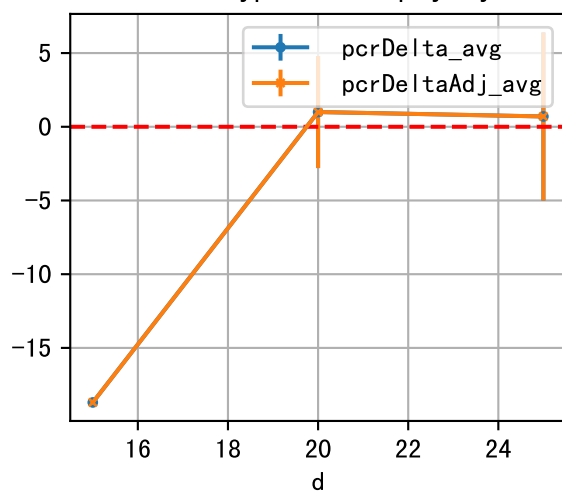
DeltaTypeAbbr=WeiAvgByD



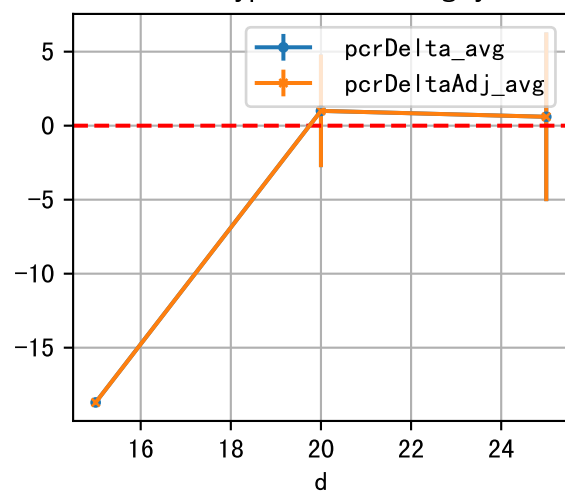
DeltaTypeAbbr=GrpByAge



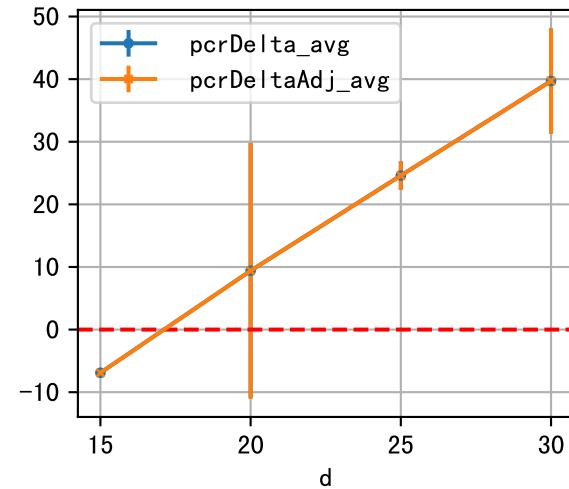
DeltaTypeAbbr=GrpByDay



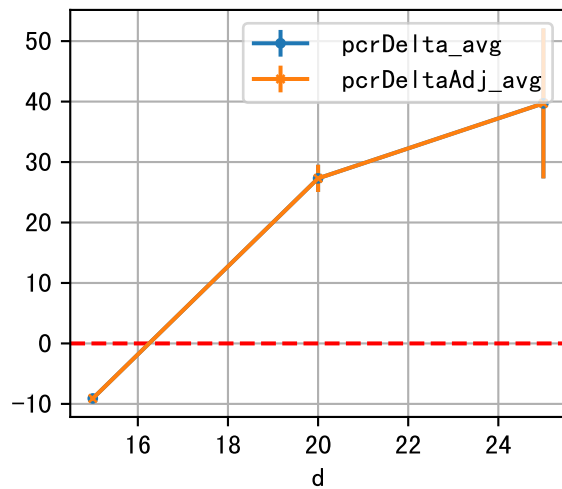
DeltaTypeAbbr=Wei AvgByD



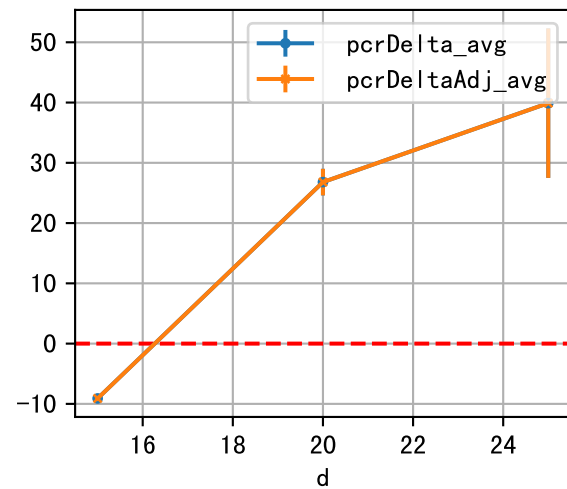
DeltaTypeAbbr=GrpByAge



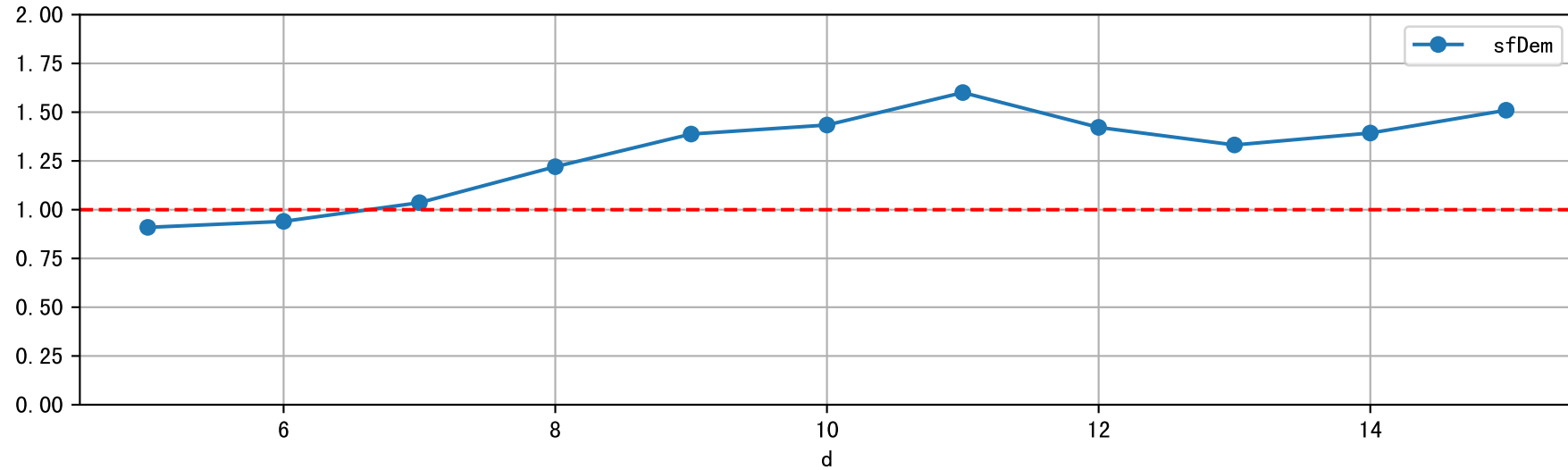
DeltaTypeAbbr=GrpByDay



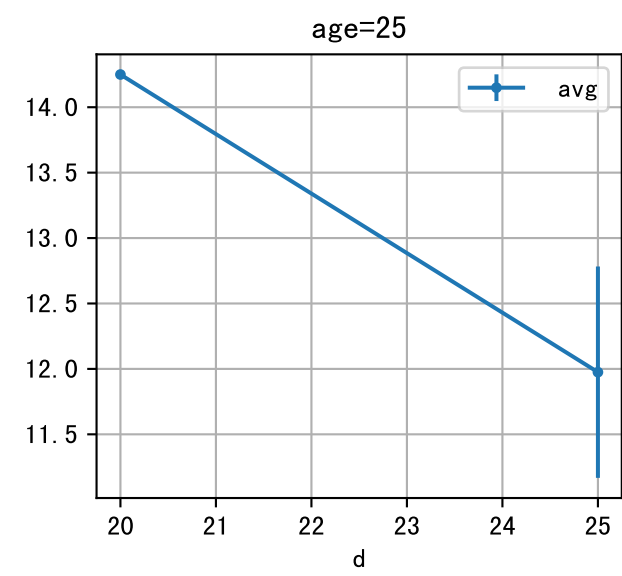
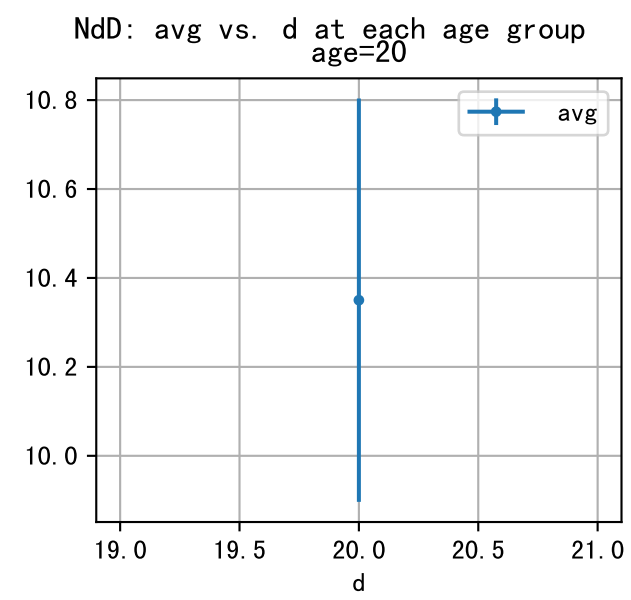
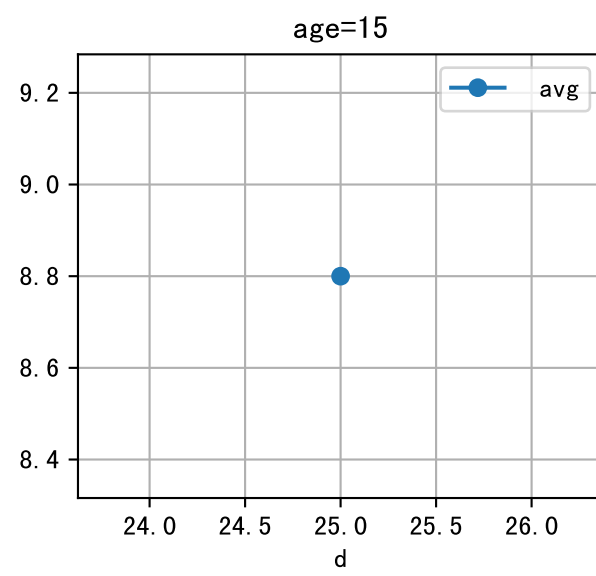
DeltaTypeAbbr=Wei AvgByD



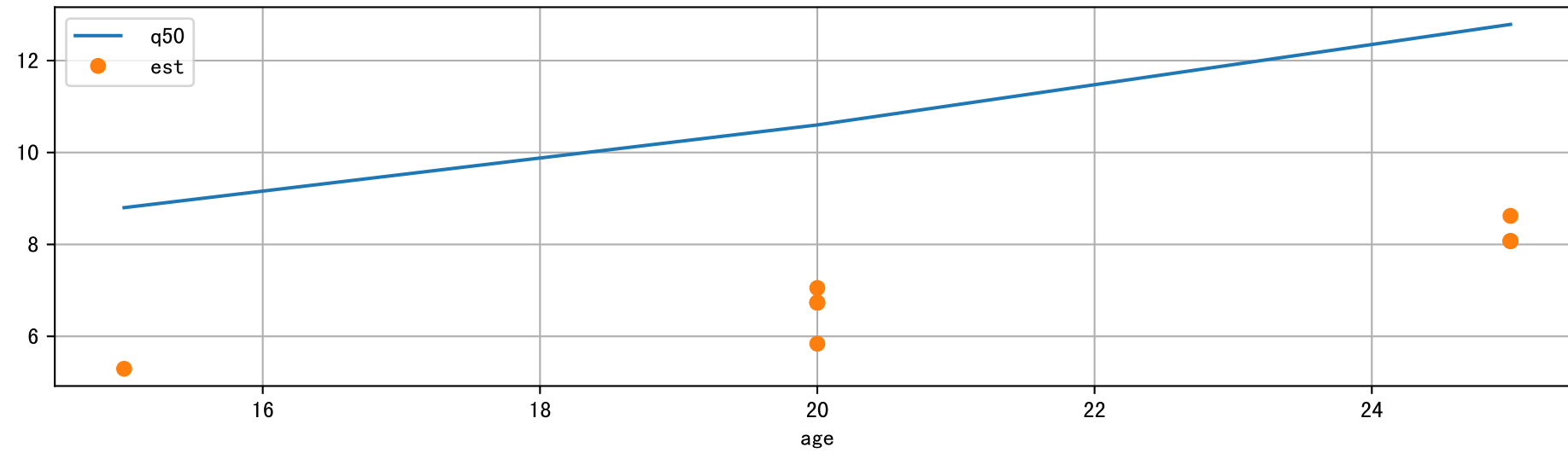
LfA: sfDem

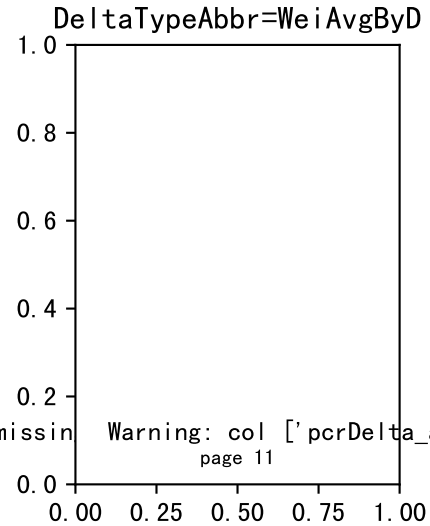
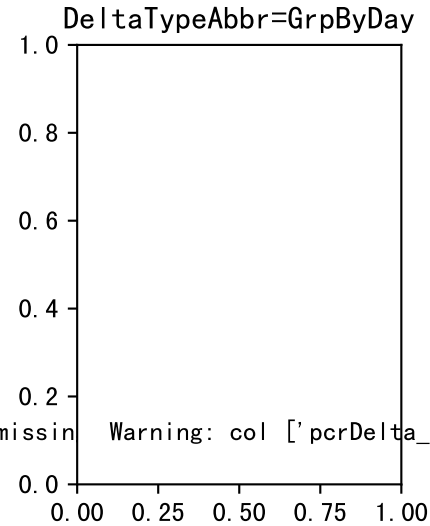
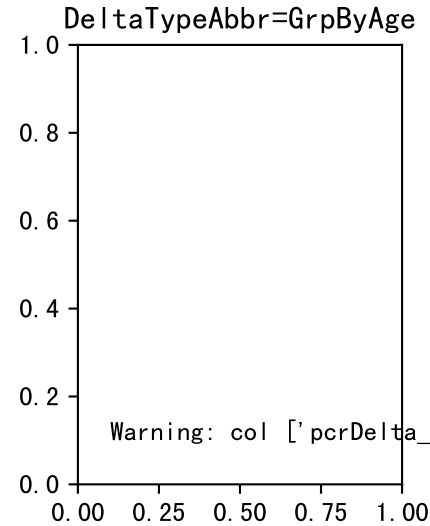






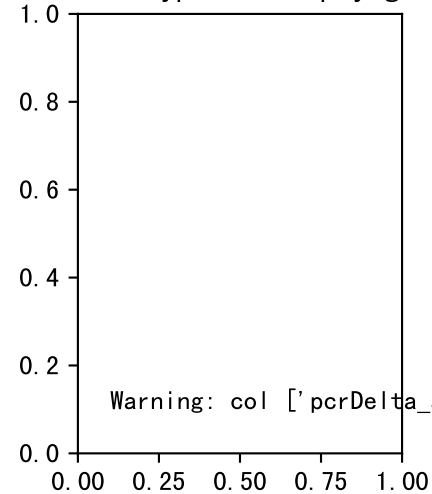
NdD: model est vs obs0v@Q50



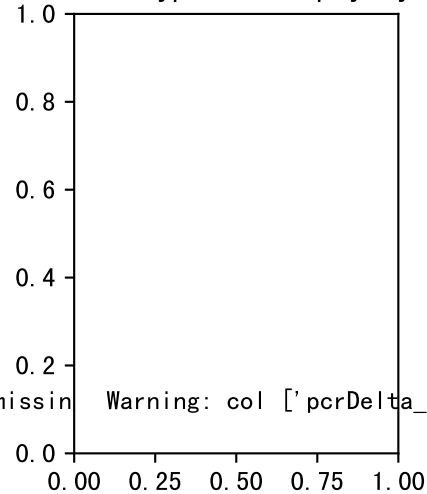


EQ4AW NdD: D_15d_NdD

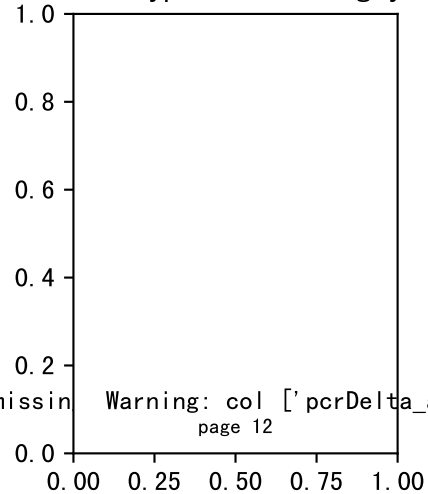
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

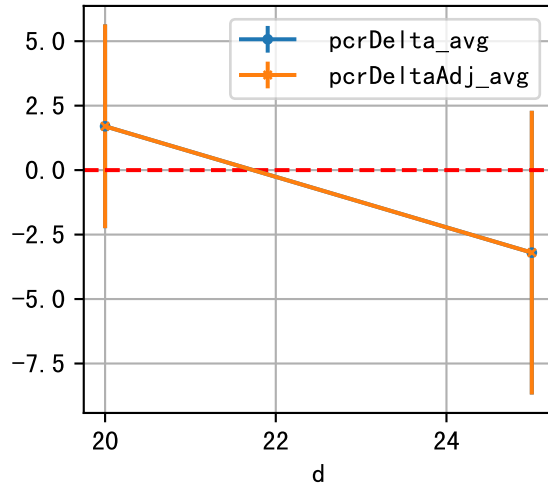


DeltaTypeAbbr=WeiAvgByD

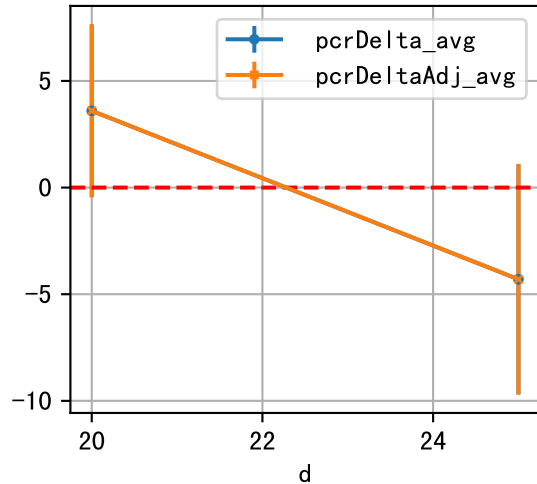


EQ4AW NdD: D_Q50_NdD

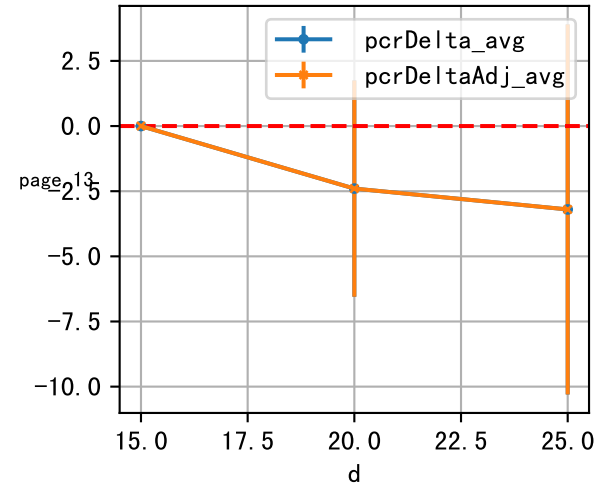
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=Wei AvgByD

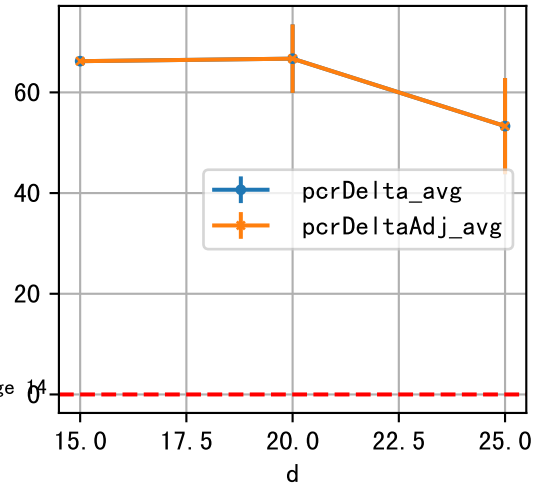


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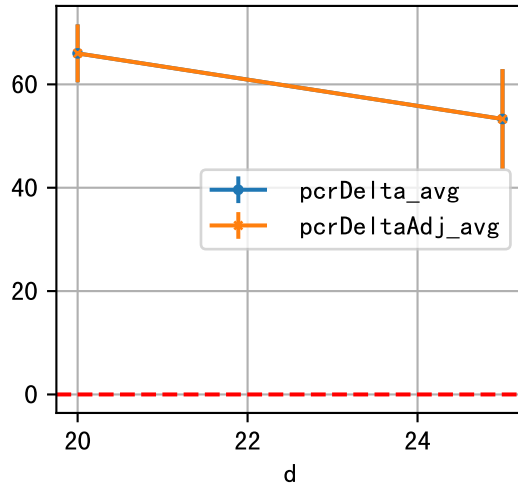


EQ4AW NdD: D_Est_NdD

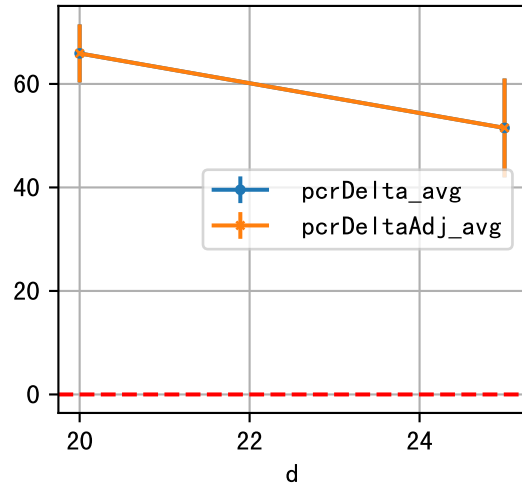
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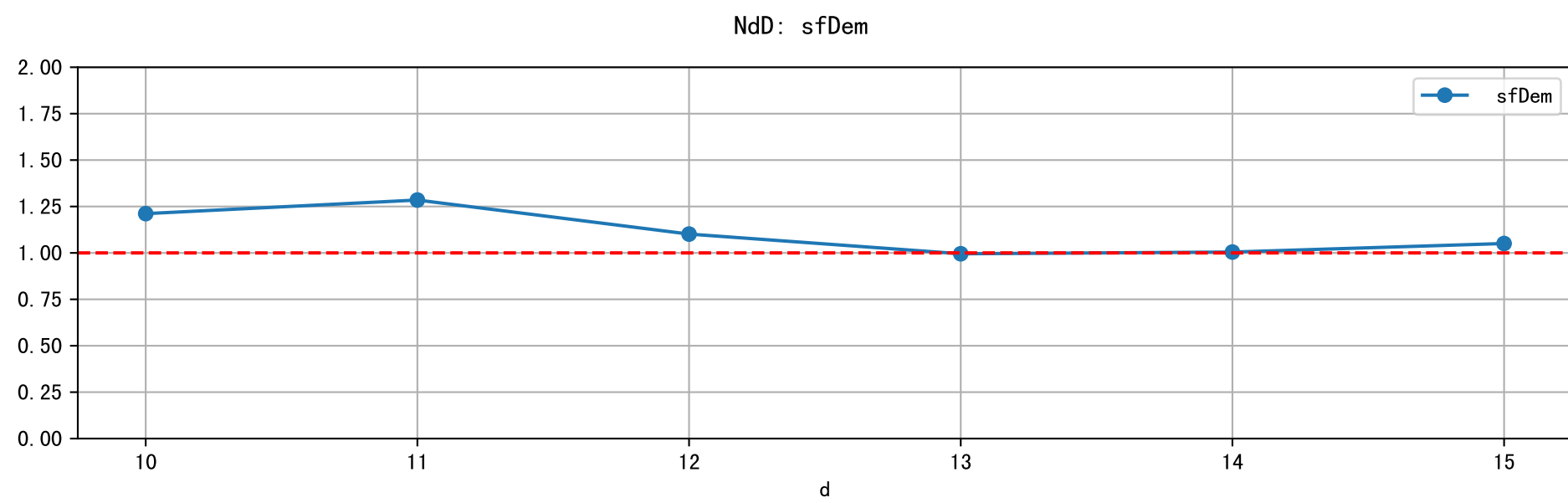


DeltaTypeAbbr=GrpByDay



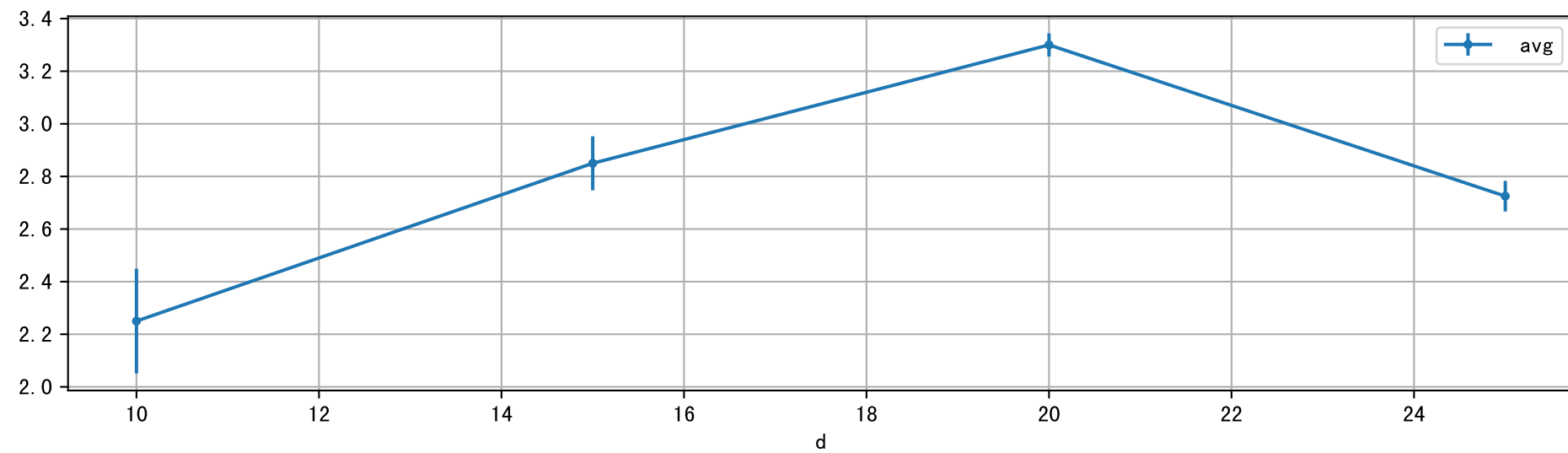
DeltaTypeAbbr=Wei AvgByD



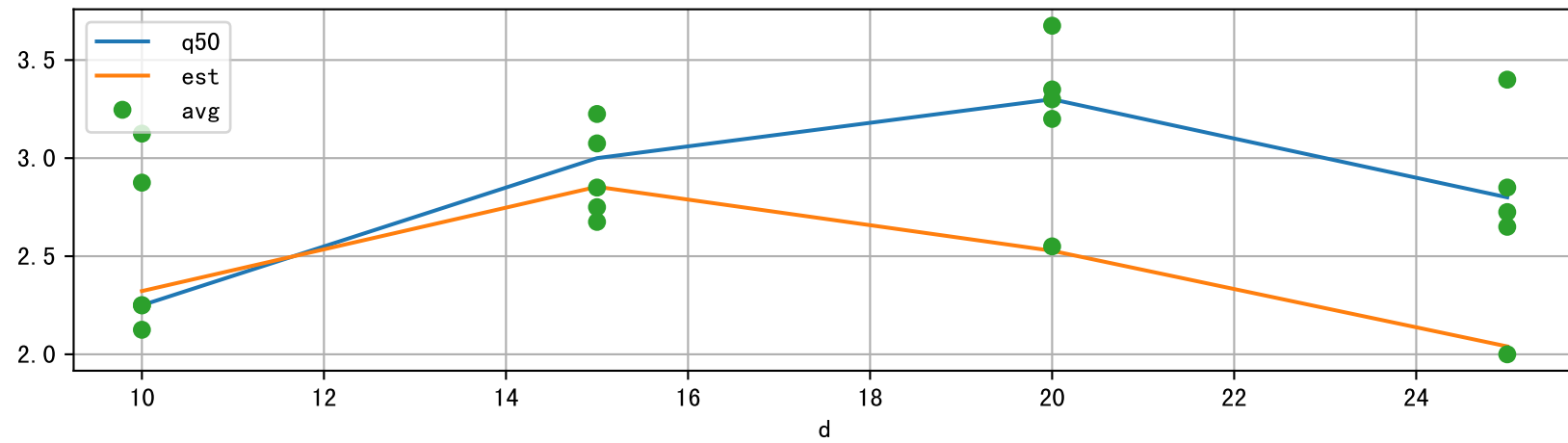




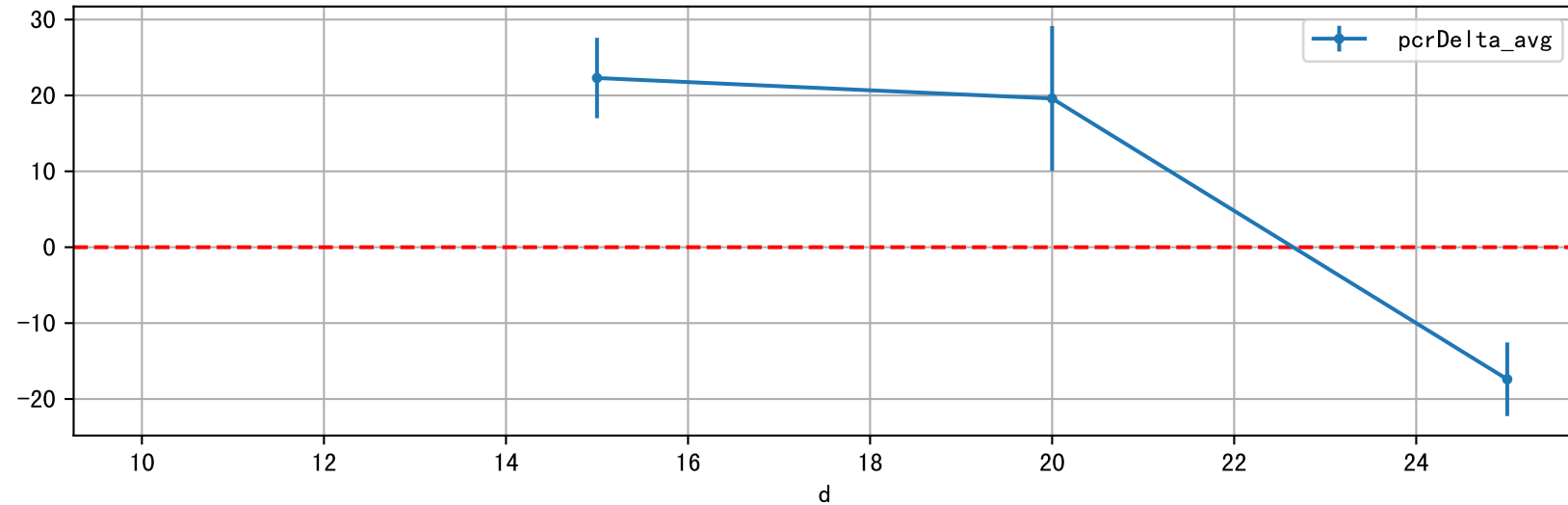
dStH: avg vs. d



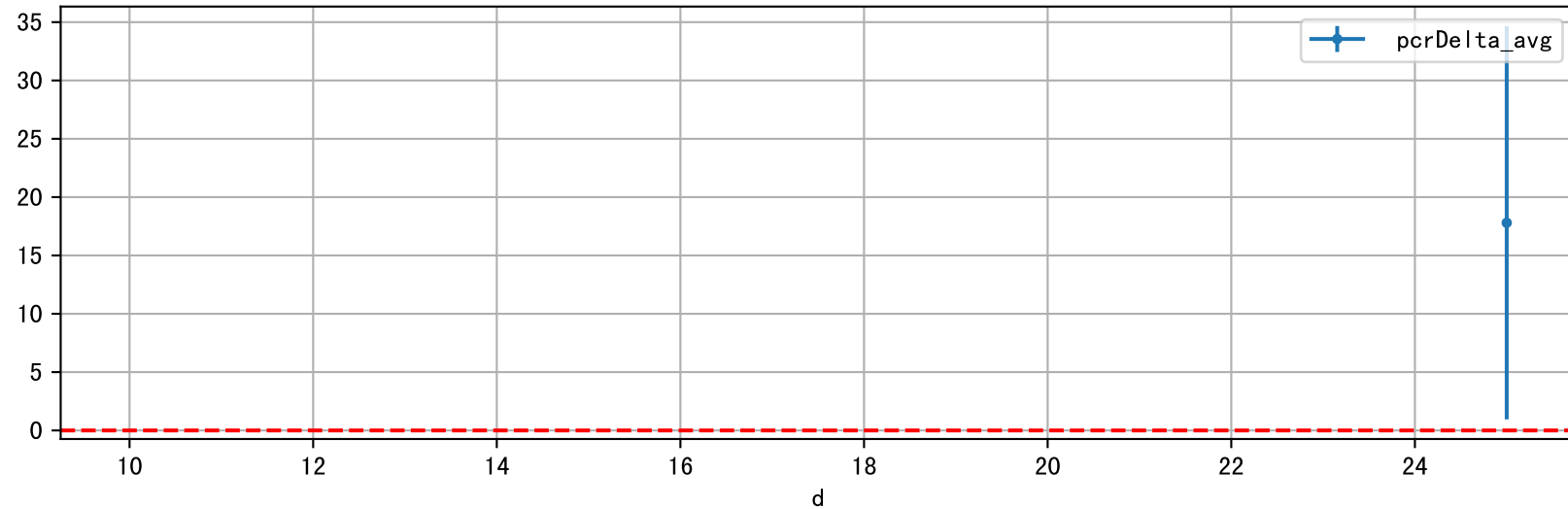
dStH: obsAvg vs obs0v@Q50



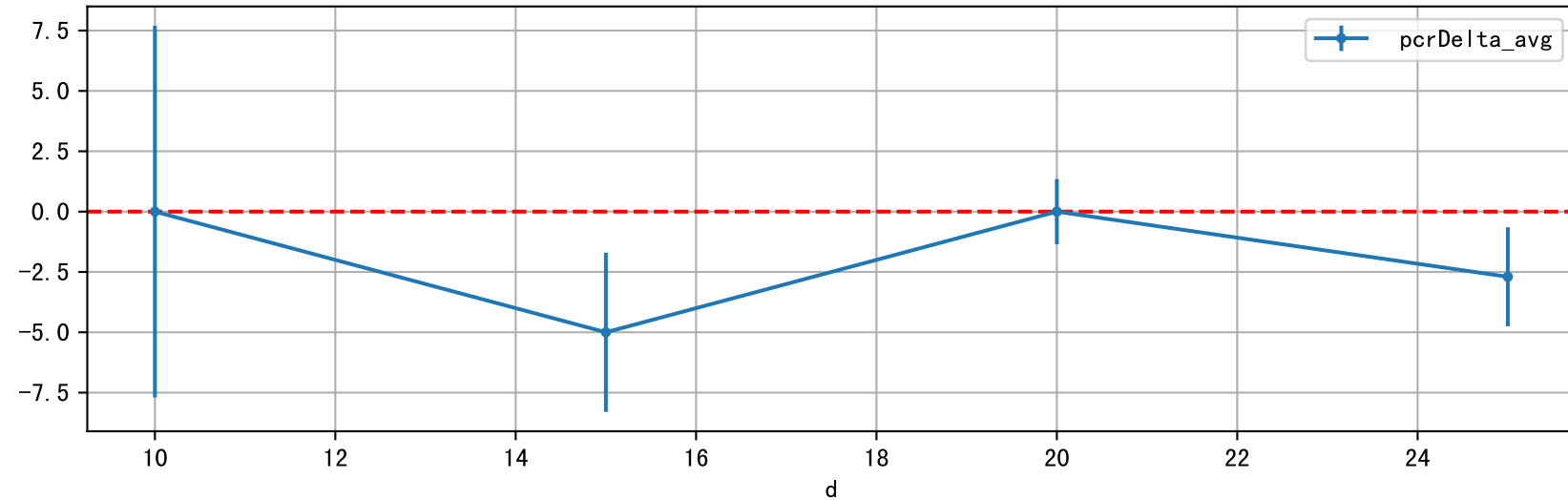
dStH: D_5d_StH



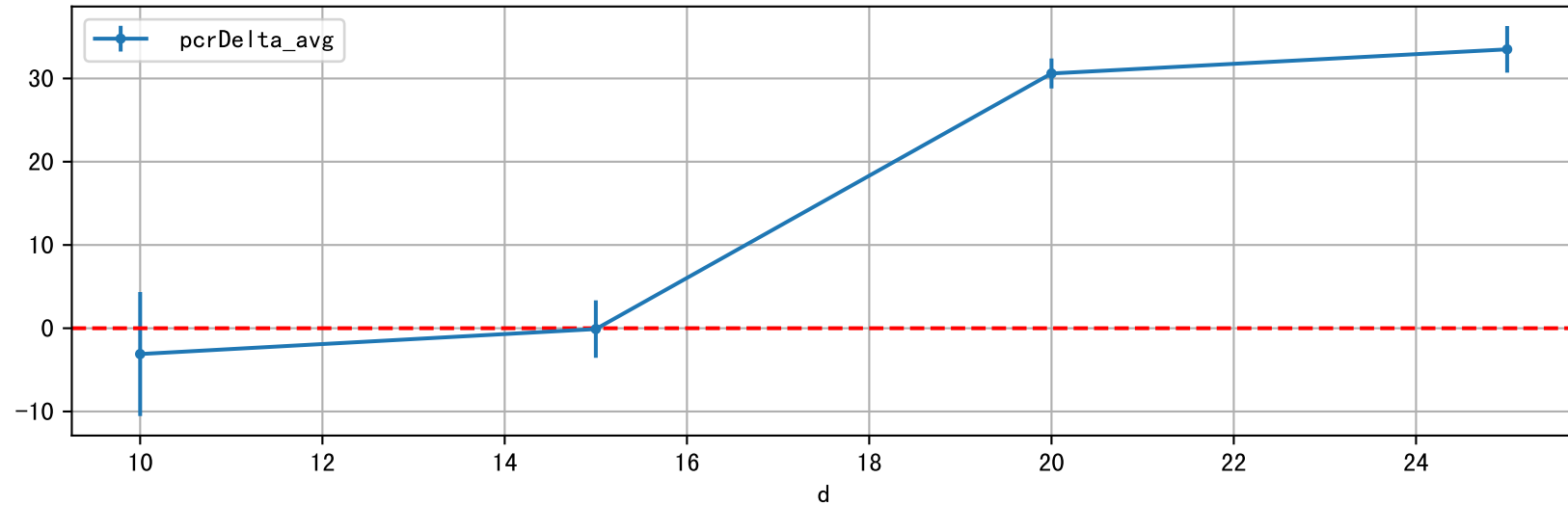
dStH: D_15d_StH



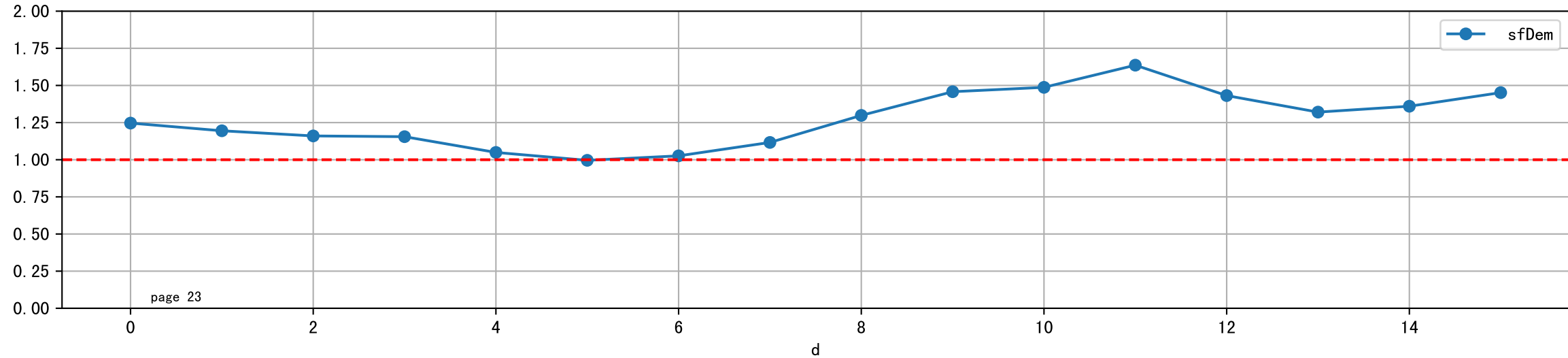
dStH: D_Q50_StH



dStH: D_Est_StH



dStH: sfDem





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