

Phenotype Data Analysis Plots

PhenoData day range = 11 – 30

Analysis cutoff day = 30

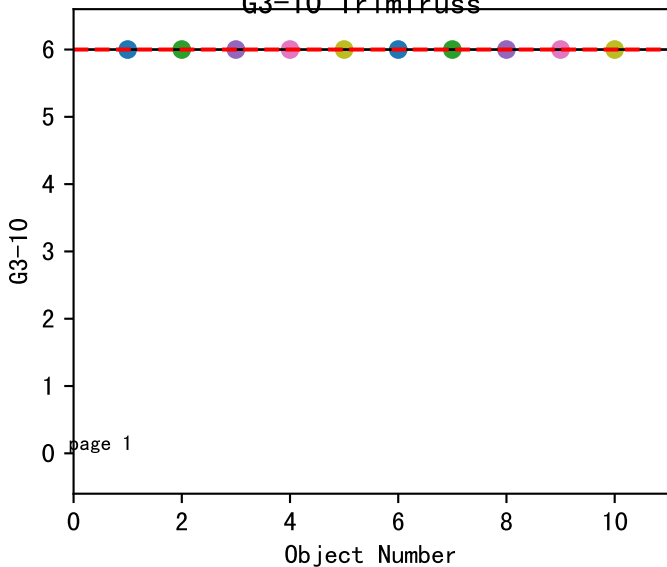
NC11 G3-10

2025-06-16 (Day 31)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0 ~0% avg2=na

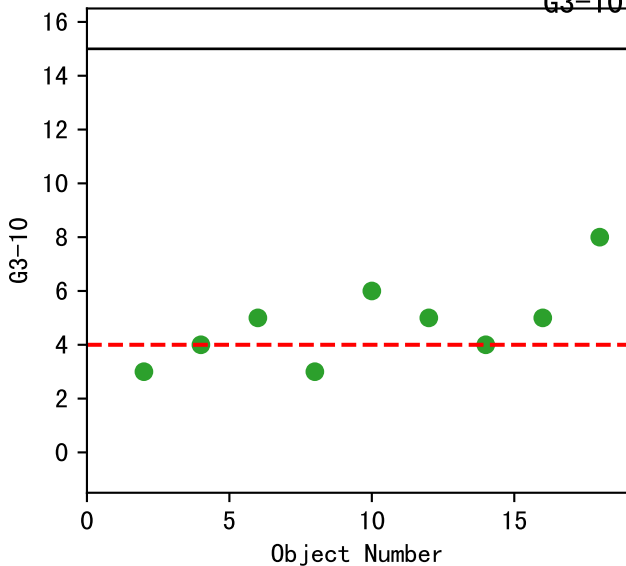
G3-10 TrimTruss



FruitNumAvgPerTruss (Def=15 Set=4)

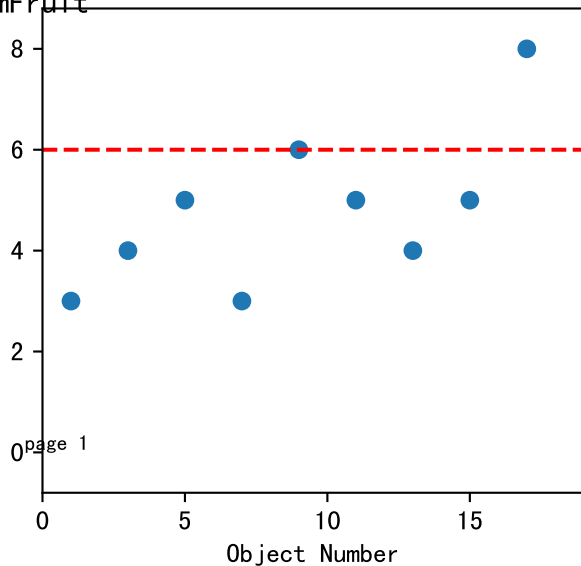
avg1=4.0~24% avg2=na

G3-10 TrimFruit



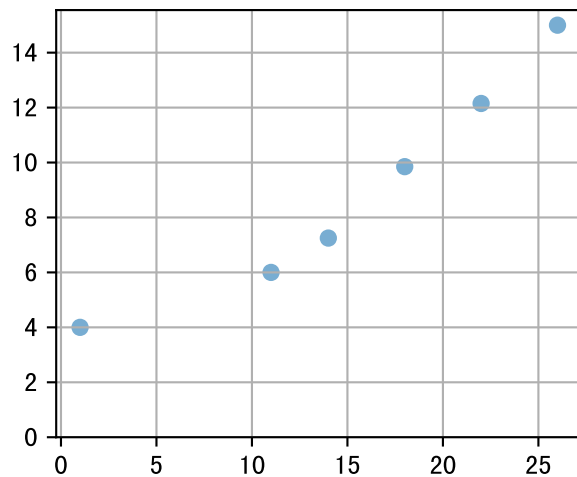
FruitNumMaxPerTruss (Def=na Set=6)

avg1=6.0~20% avg2=na

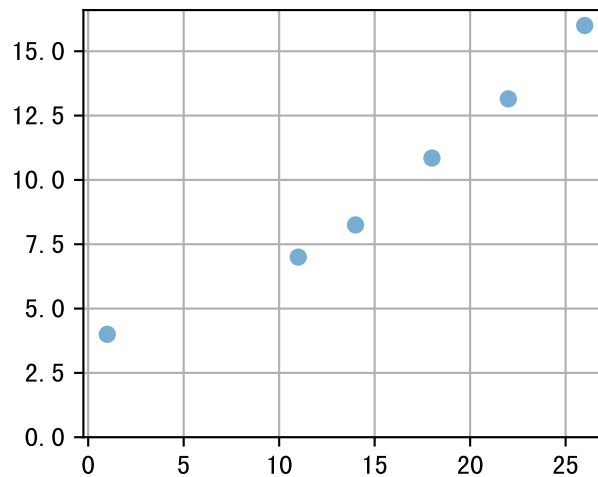


NdN

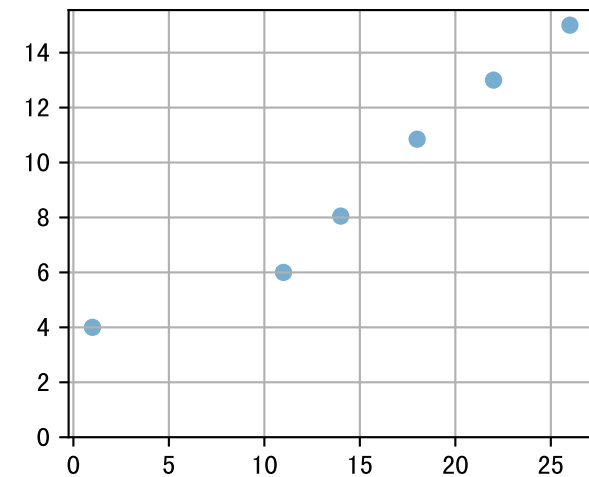
G3-10-108-29 (fit failed)



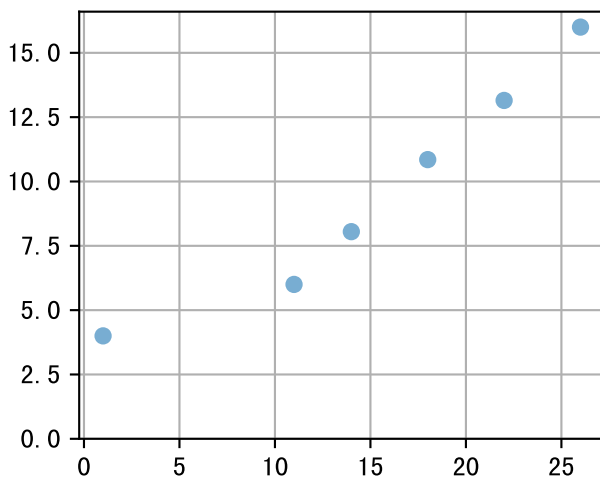
G3-10-15-15 (fit failed)



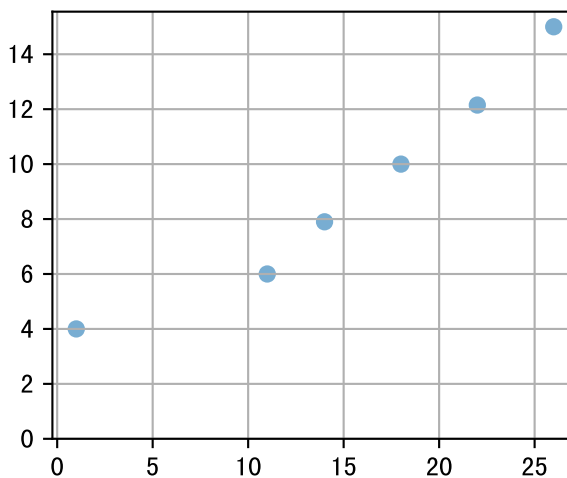
G3-10-18-22 (fit failed)



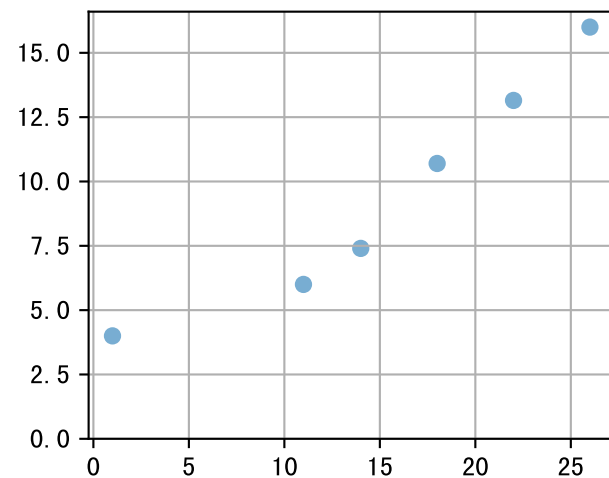
G3-10-38-62 (fit failed)



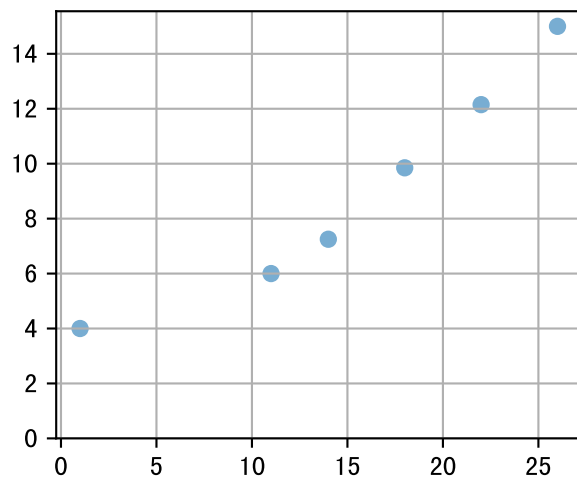
G3-10-42-49 (fit failed)



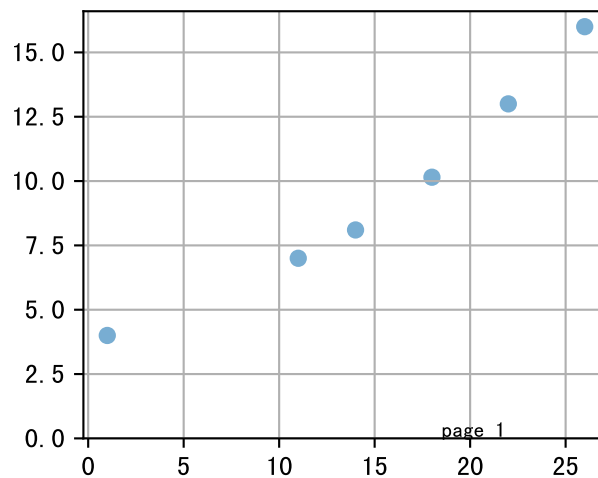
G3-10-59-38 (fit failed)



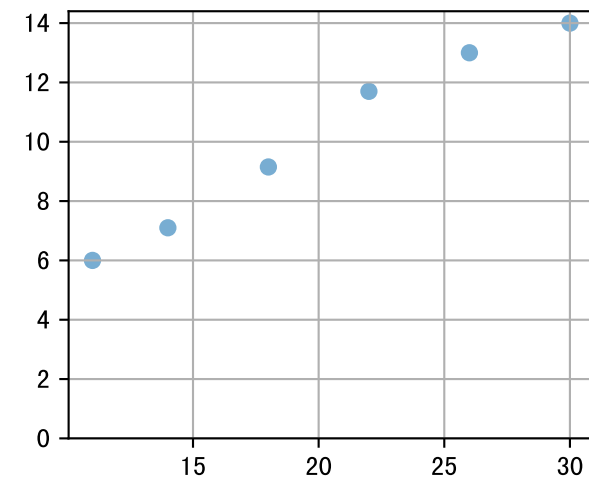
G3-10-64-73 (fit failed)



G3-10-80-7 (fit failed)

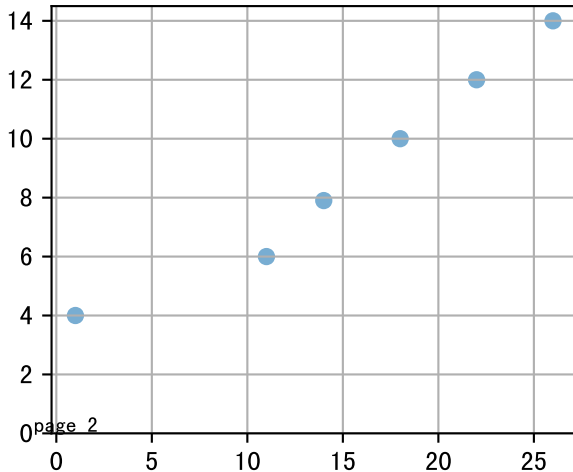


G3-10-91-39 (fit failed)

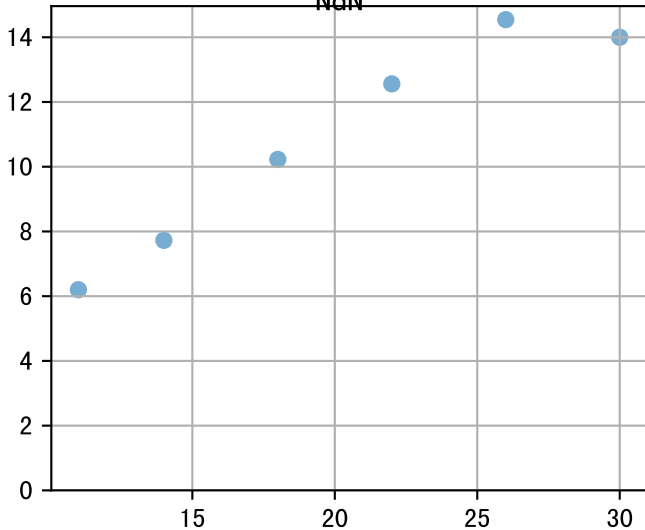


G3-10-99-52 (fit failed)

NdN



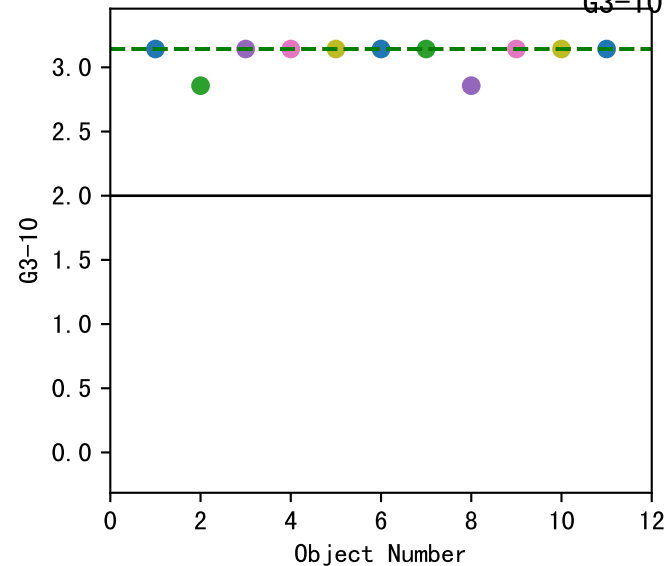
G3-10avg (fit failed)



InitDev_dm (Def=2 Set=3.14)

avg1=3.14~0% avg2=3.14

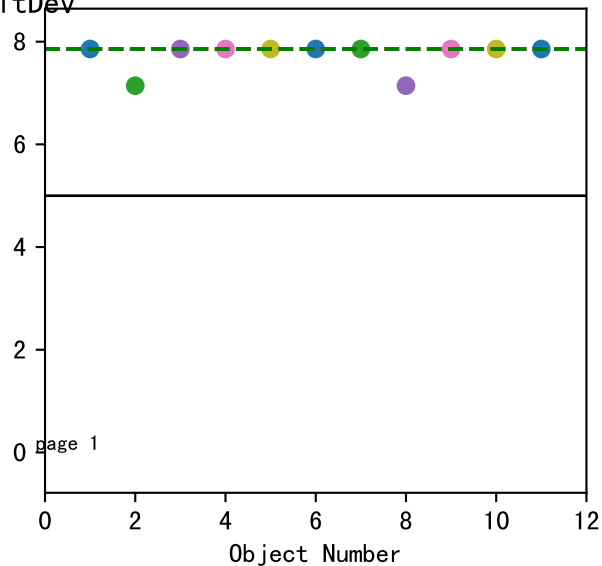
G3-10



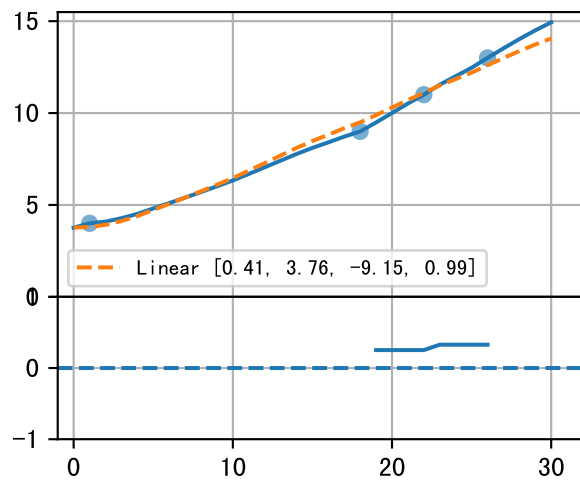
InitDev_de (Def=5 Set=7.86)

avg1=7.86~0% avg2=7.86

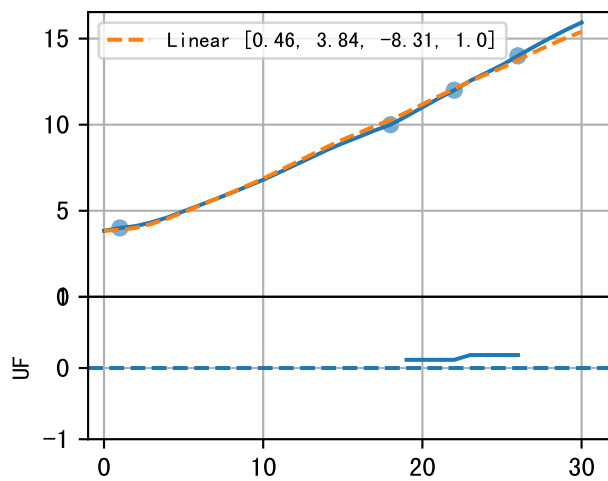
InitDev



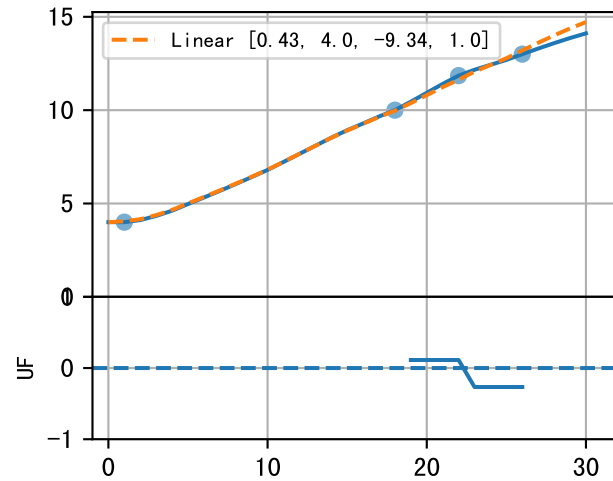
G3-10-108-29



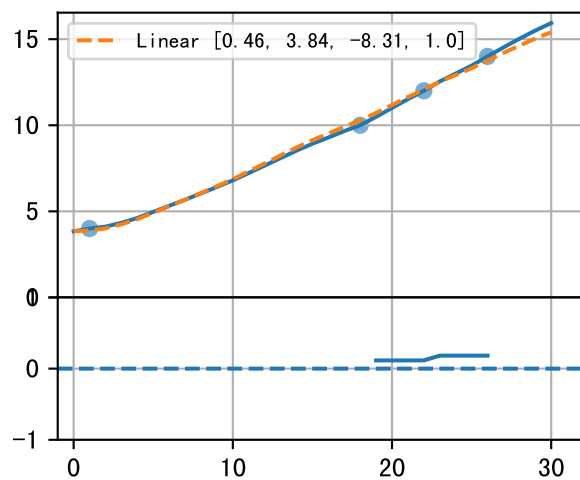
G3-10-15-15



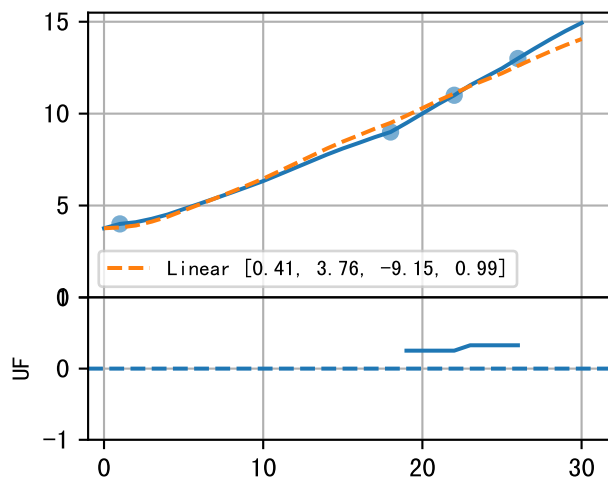
G3-10-18-22



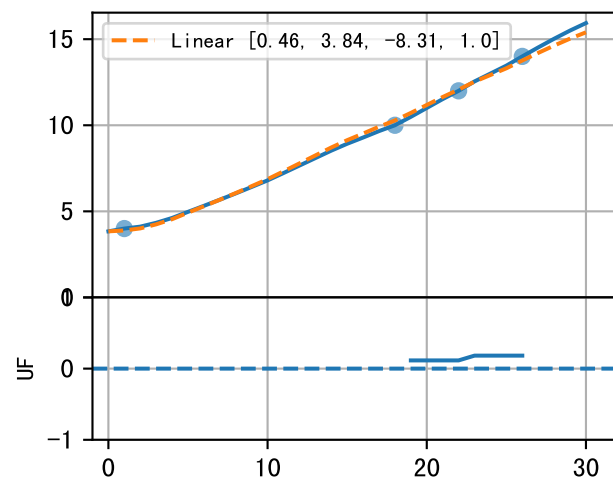
G3-10-38-62



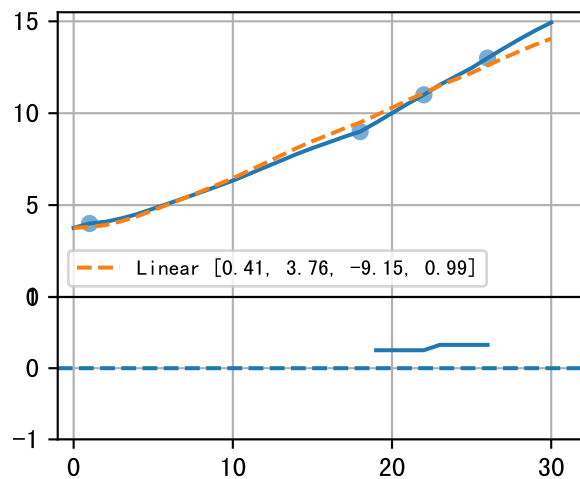
G3-10-42-49



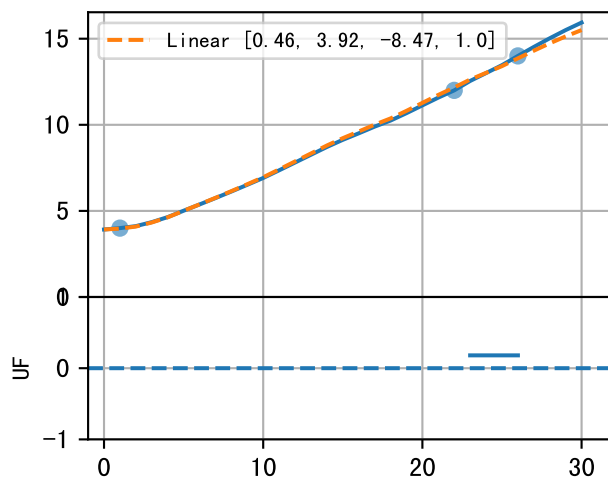
G3-10-59-38



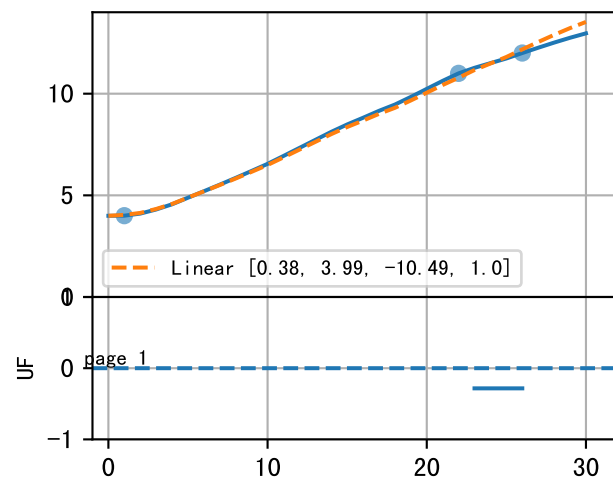
G3-10-64-73



G3-10-80-7

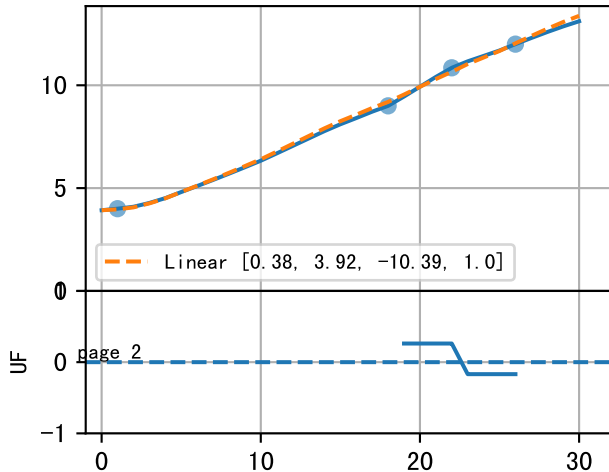


G3-10-91-39



G3-10-99-52

LfN



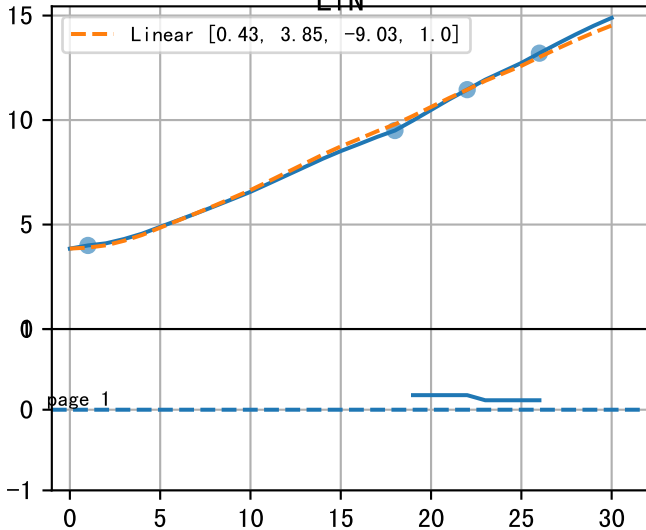
UF

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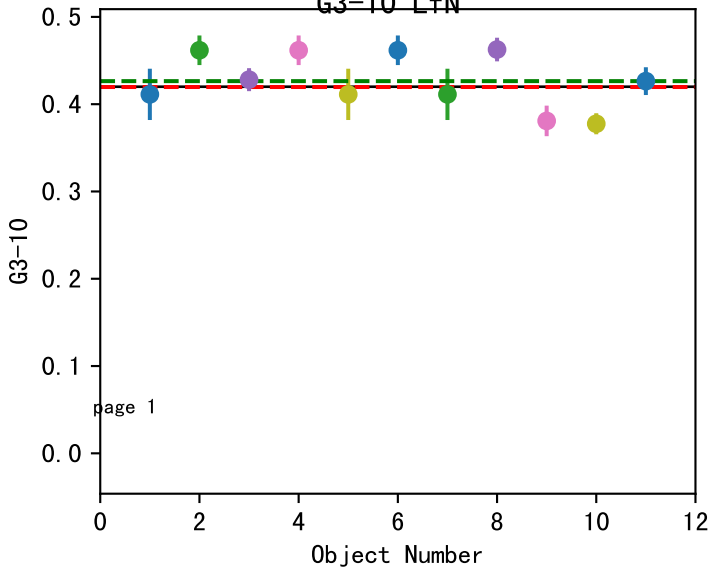
G3-10avg
LfN

Linear [0.43, 3.85, -9.03, 1.0]

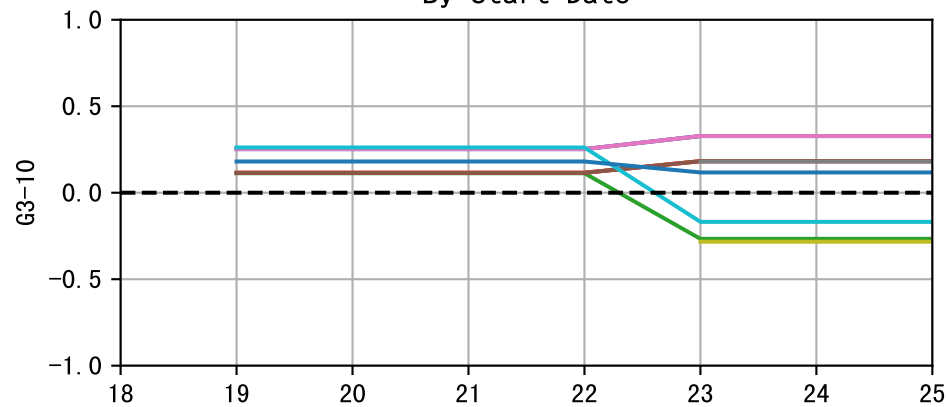
UF
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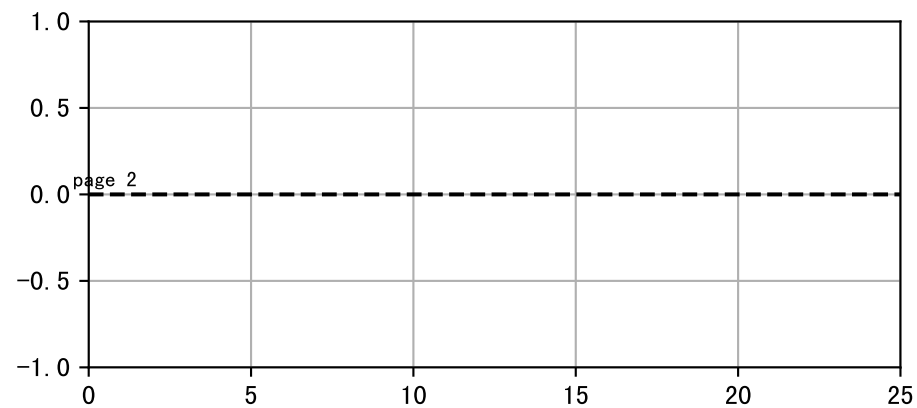
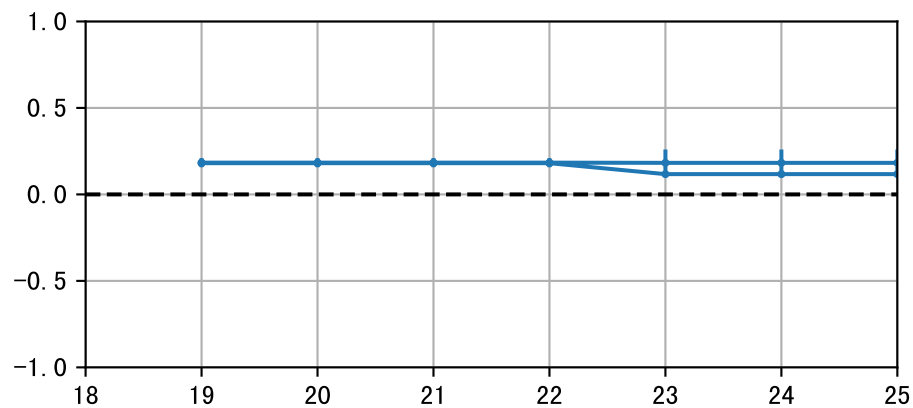
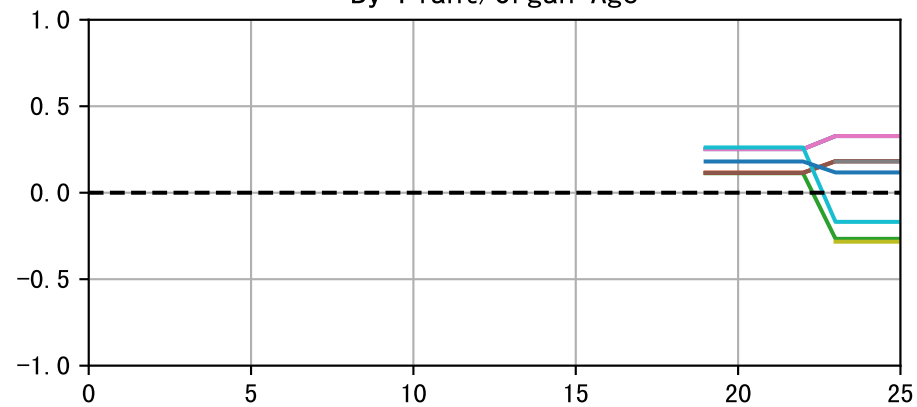
a (Def=0.42 Set=0.43)
avg1=0.42~8% avg2=0.43~12%
G3-10 LFN



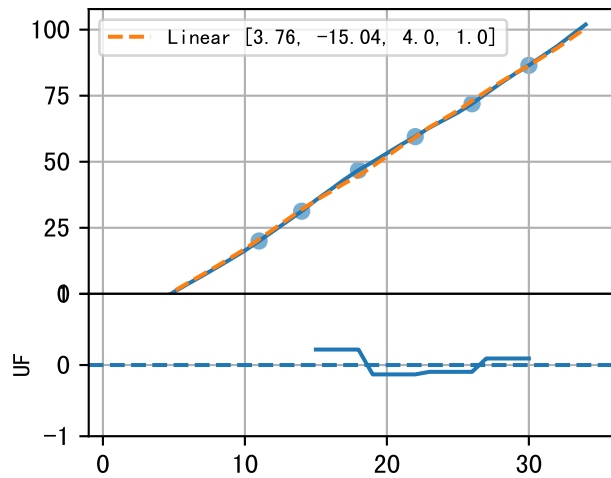
By Start Date



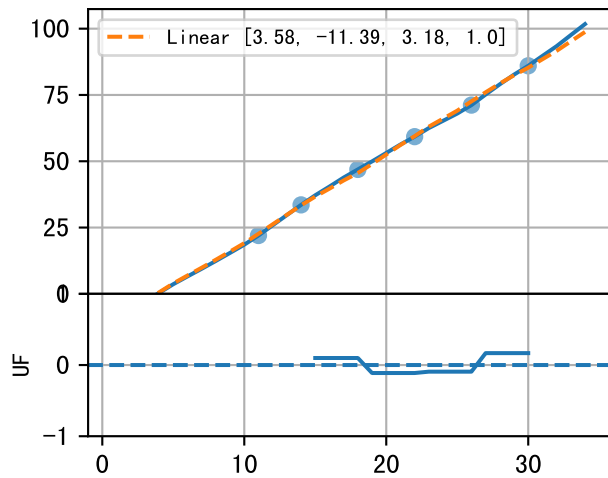
By Plant/Organ Age



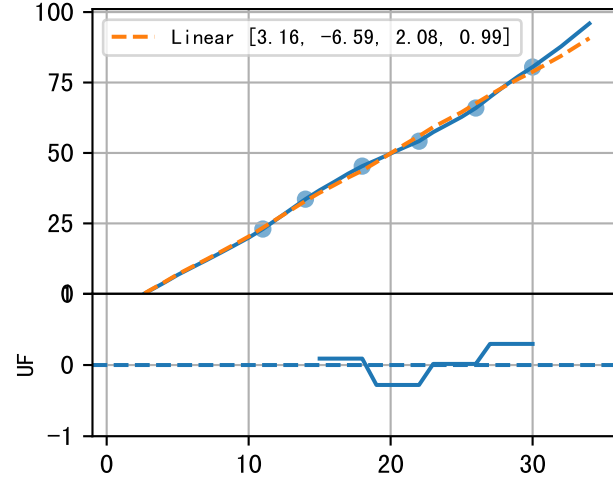
G3-10-108-29



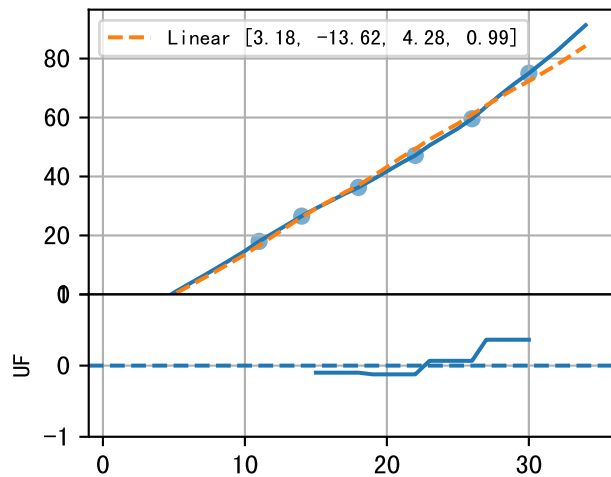
G3-10-15-15



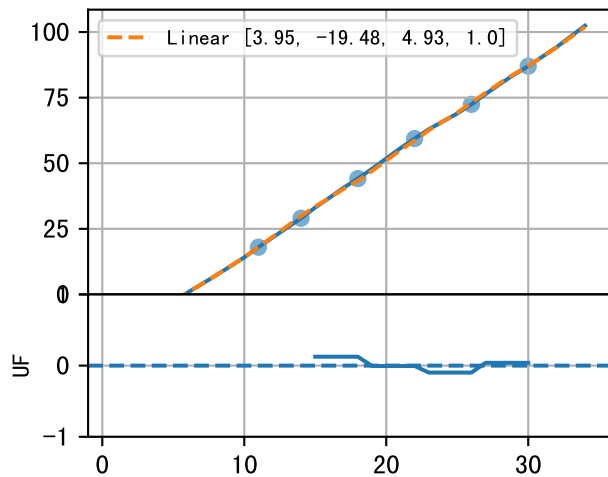
G3-10-18-22



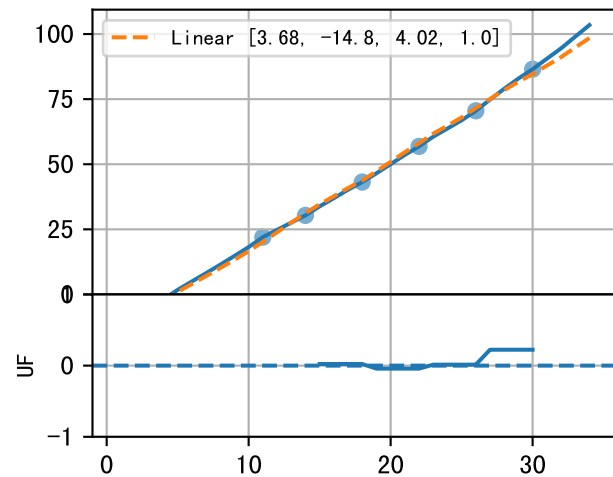
G3-10-38-62



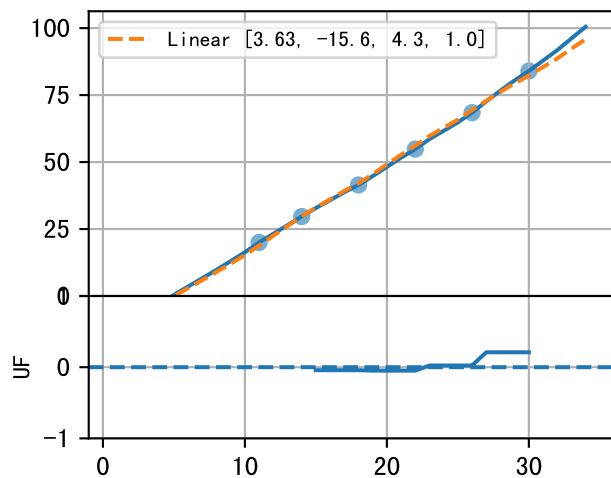
G3-10-42-49



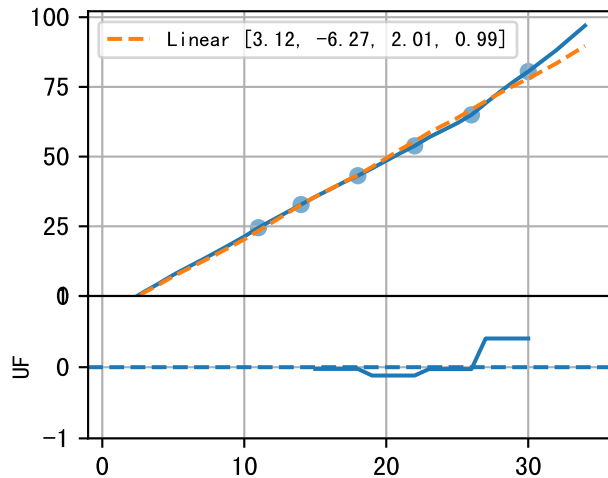
G3-10-59-38



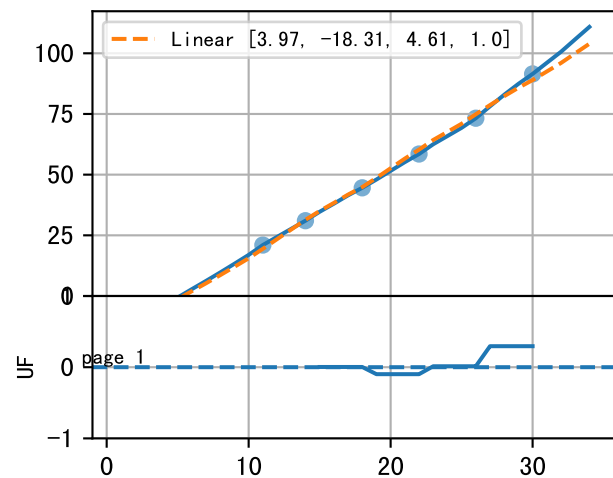
G3-10-64-73



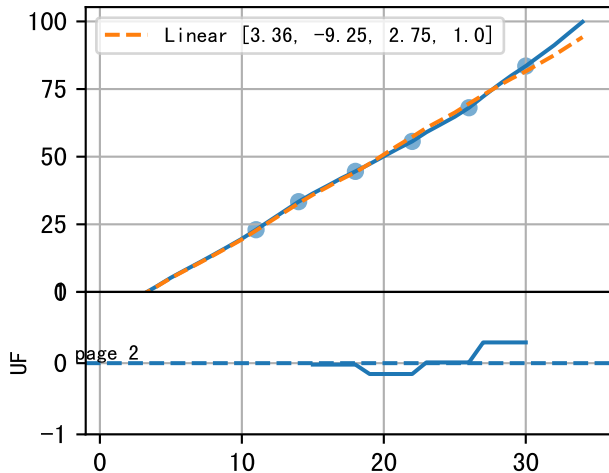
G3-10-80-7



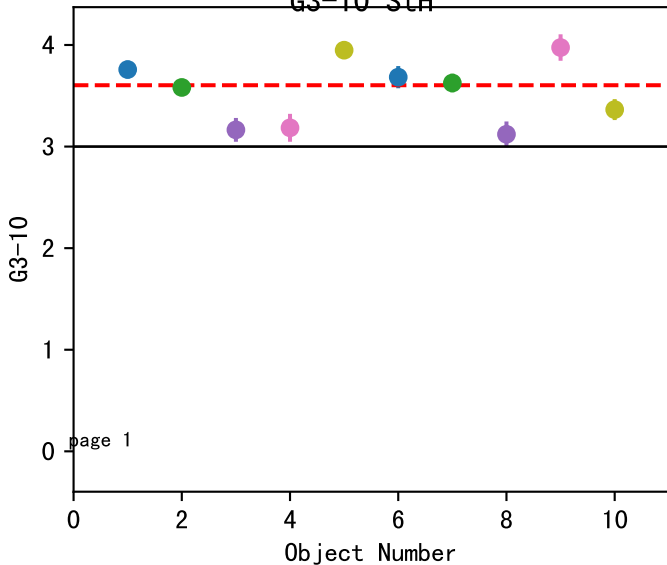
G3-10-91-39



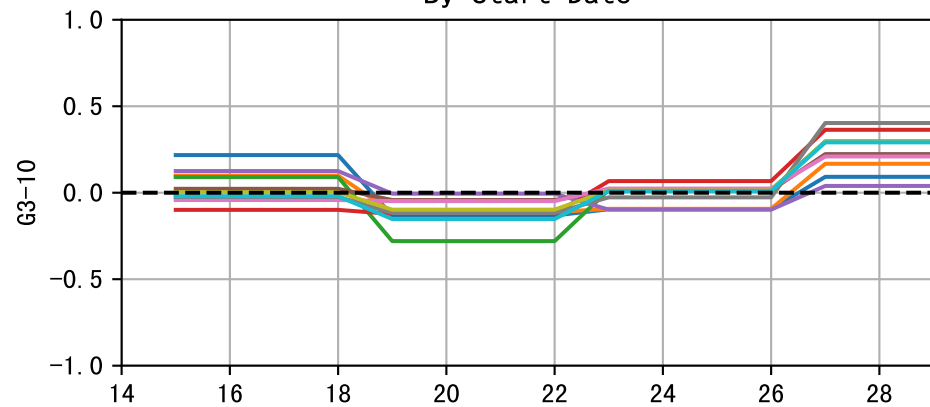
G3-10-99-52



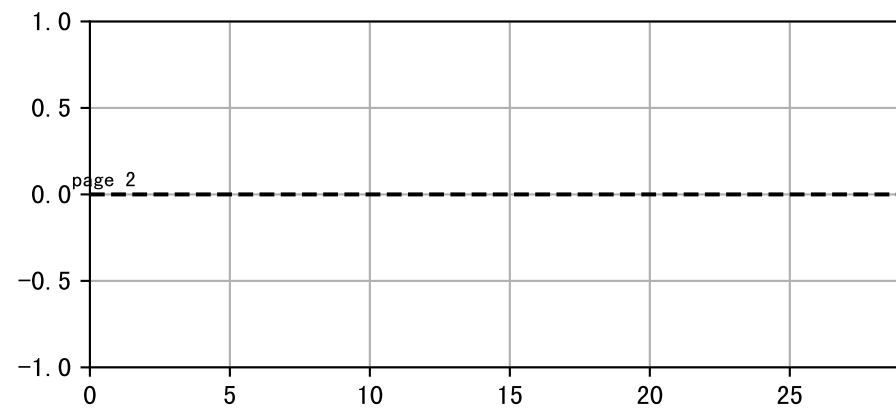
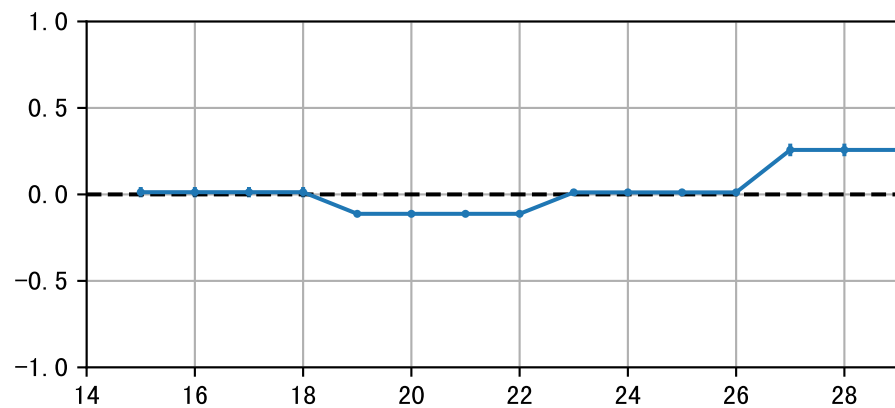
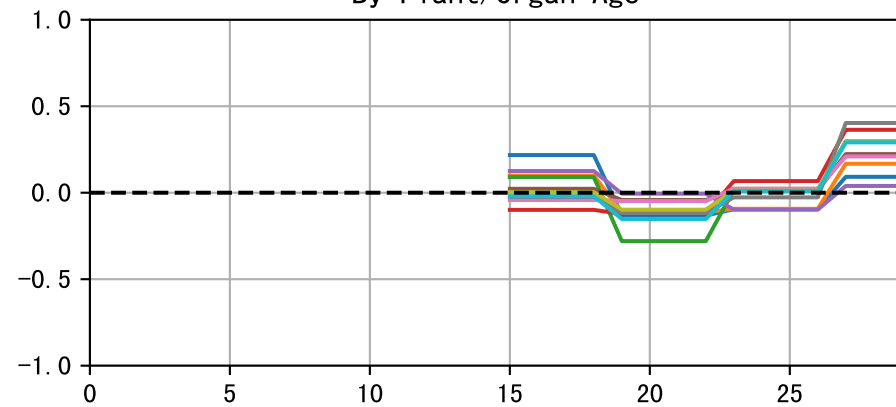
a (Def=3 Set=3.6)
 avg1=3.6~9% avg2=na
 G3-10 StH



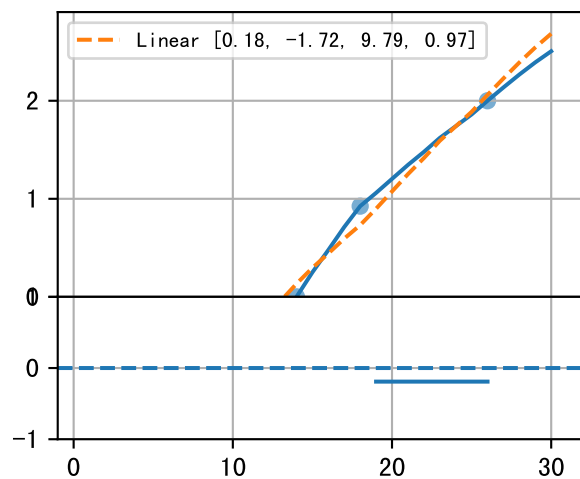
By Start Date



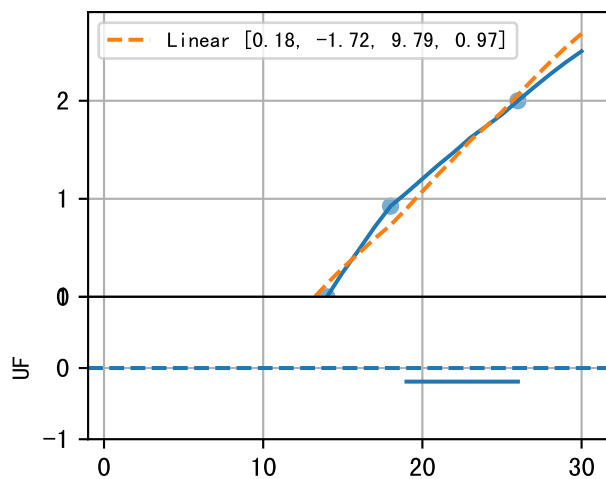
By Plant/Organ Age



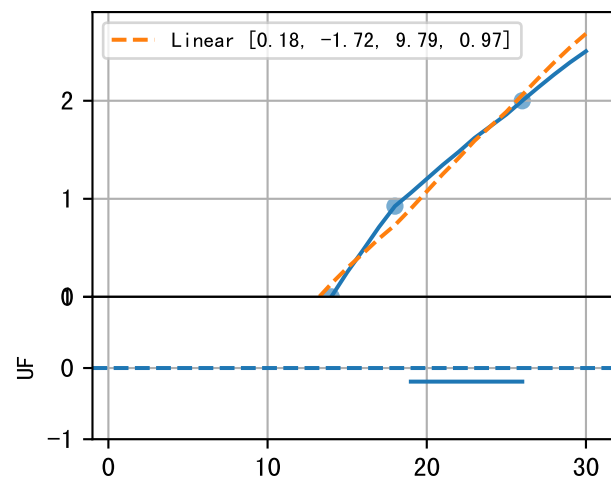
G3-10-108-29



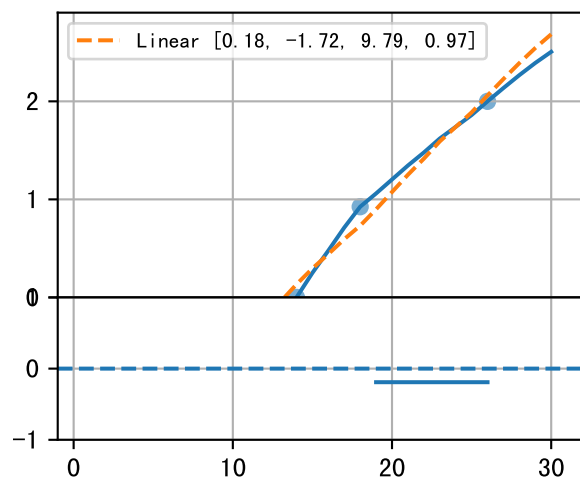
G3-10-15-15



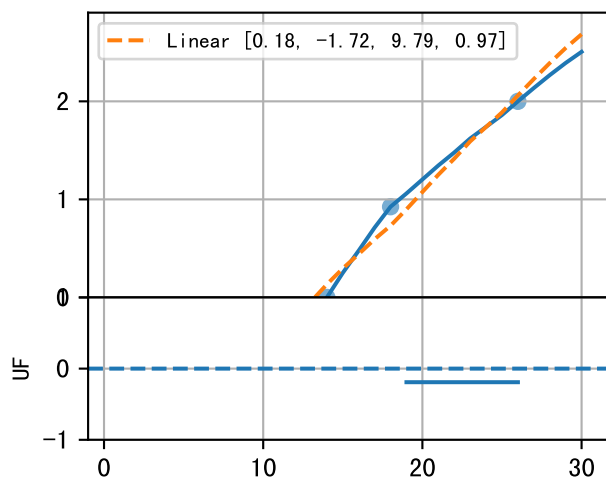
G3-10-18-22



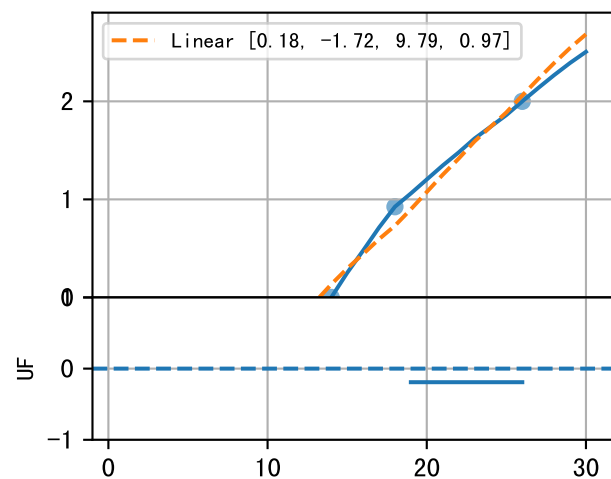
G3-10-38-62



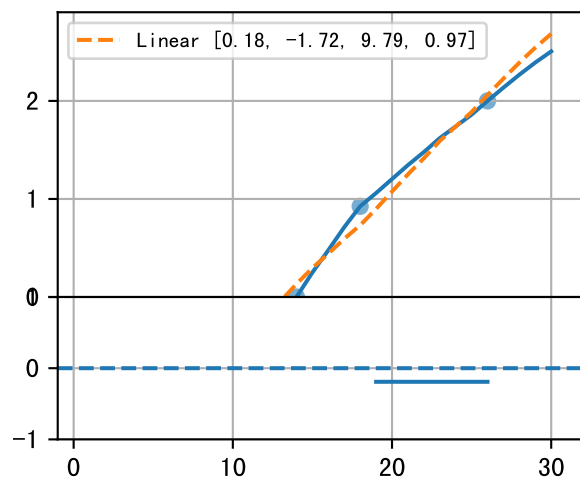
G3-10-42-49



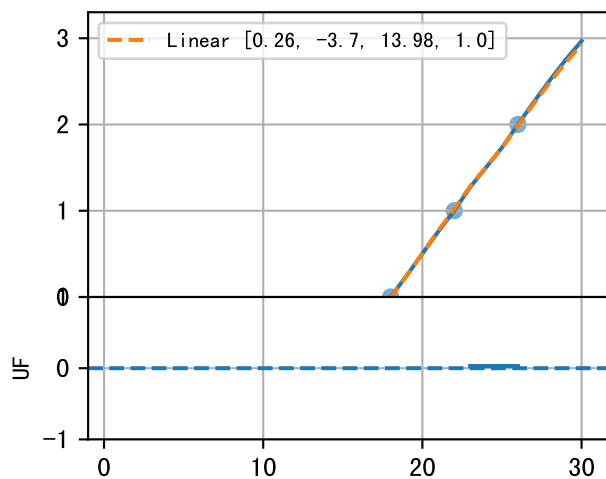
G3-10-59-38



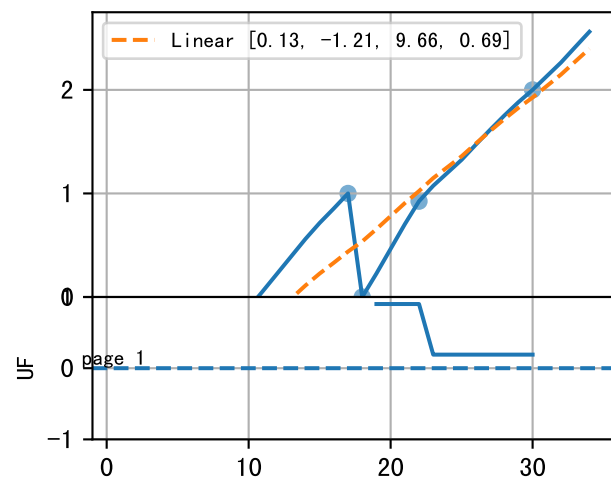
G3-10-64-73



G3-10-80-7

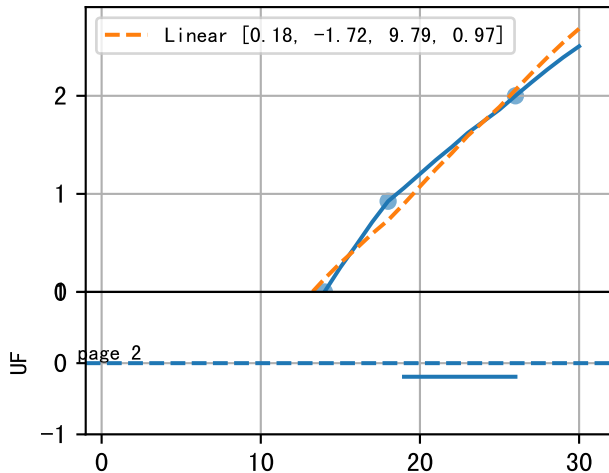


G3-10-91-39



G3-10-99-52

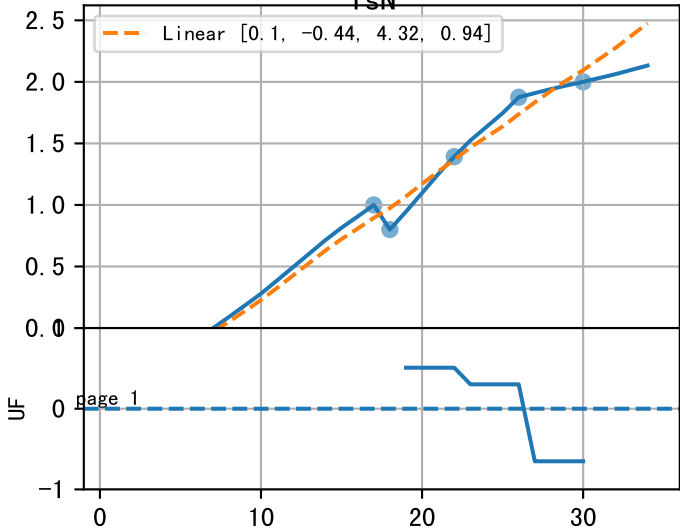
TsN



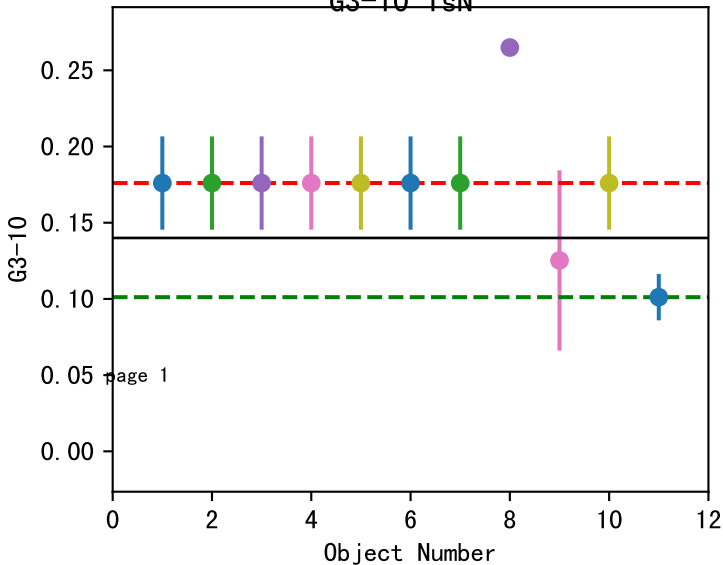
G3-10avg
T_{SN}

Linear [0.1, -0.44, 4.32, 0.94]

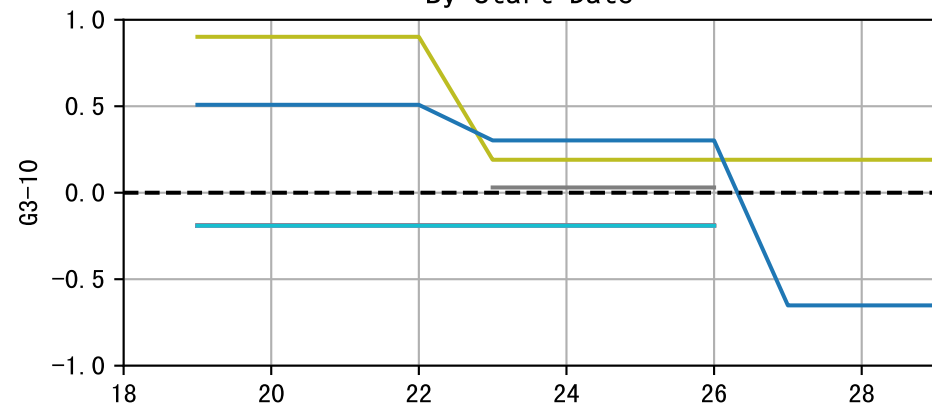
UF
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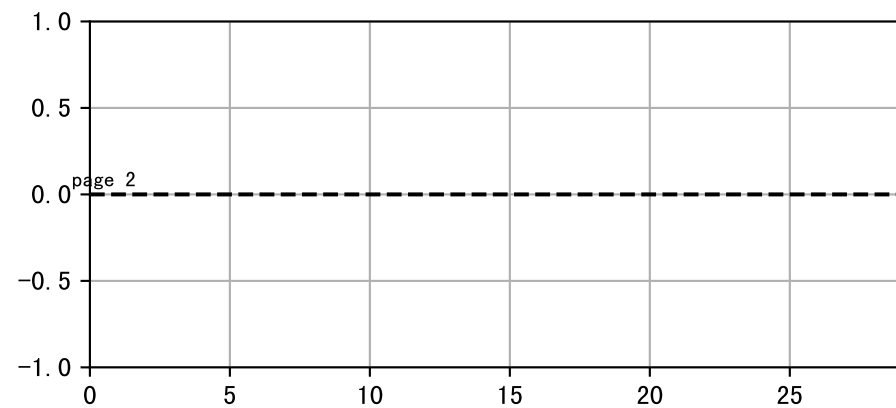
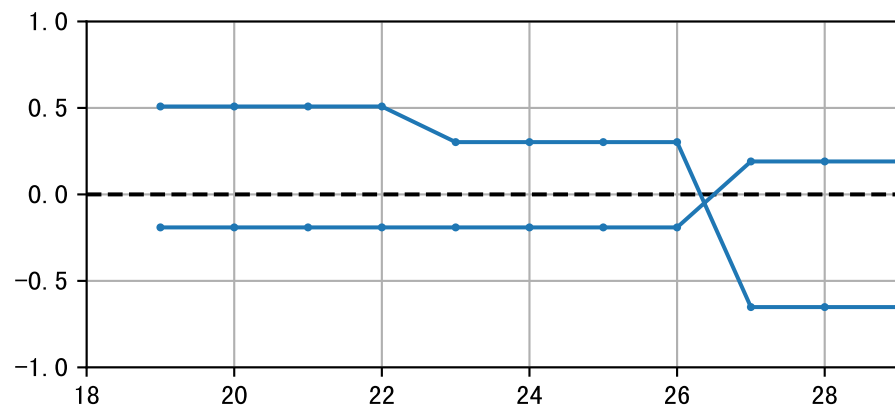
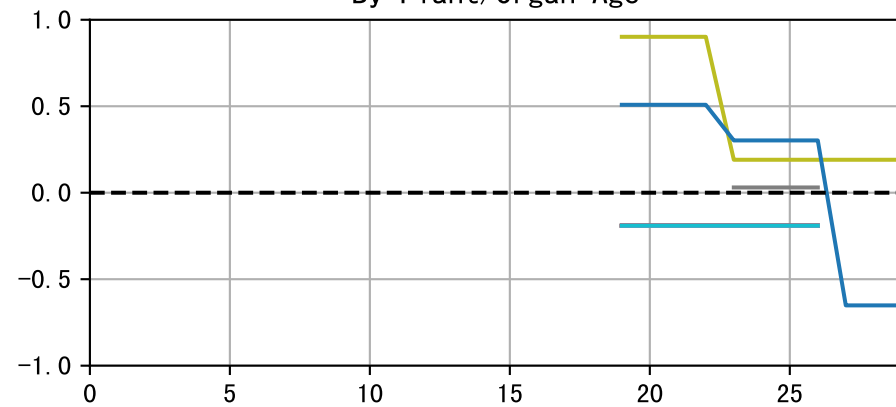
a (Def=0.14 Set=0.1)
 avg1=0.18 $\pm$ 0% avg2=0.1 $\pm$ 43%
 G3-10 TSN

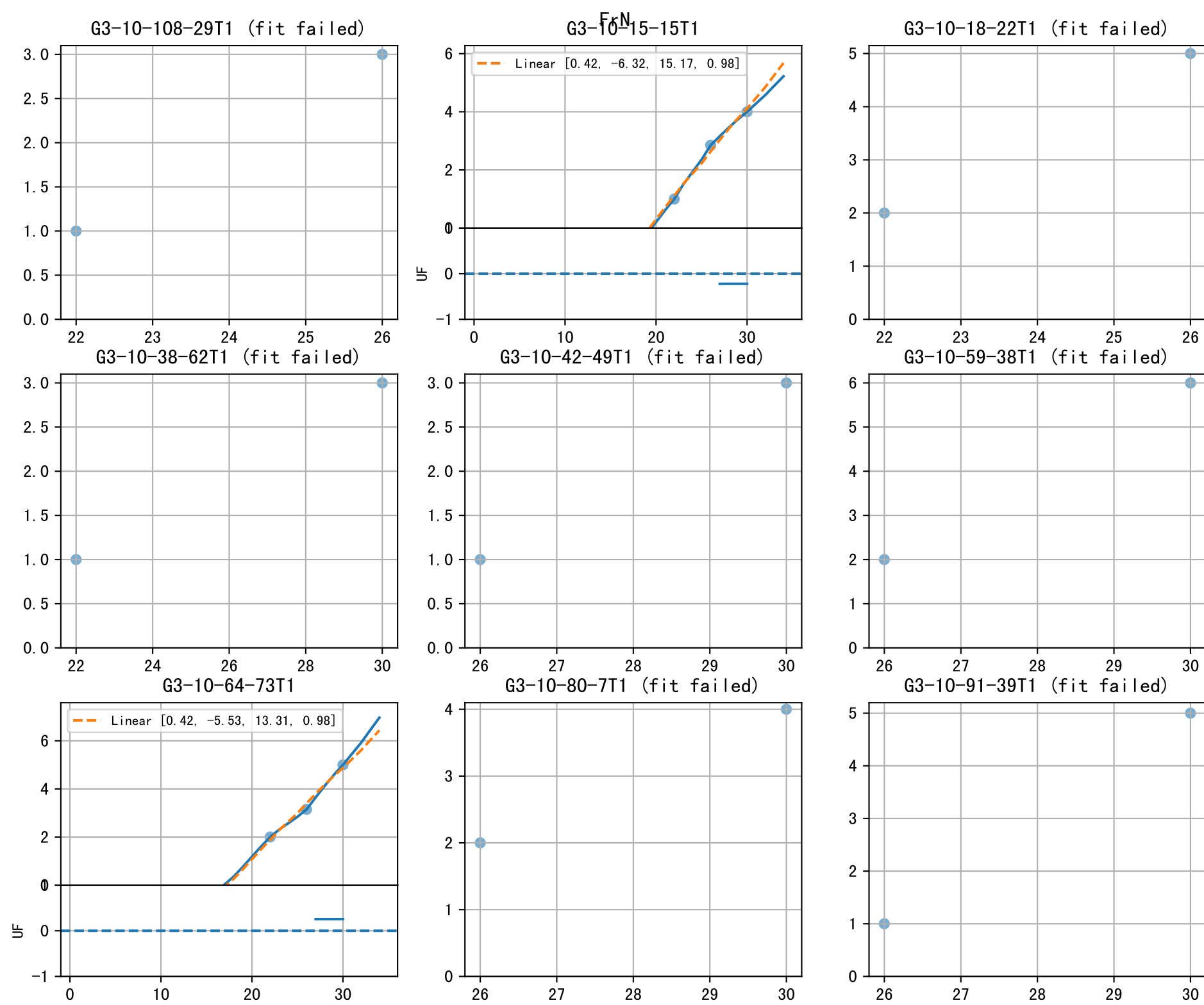


By Start Date



By Plant/Organ Age



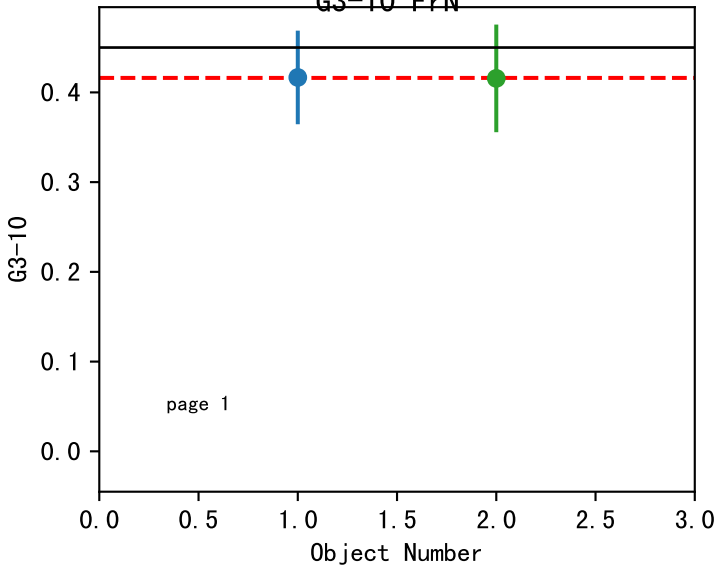




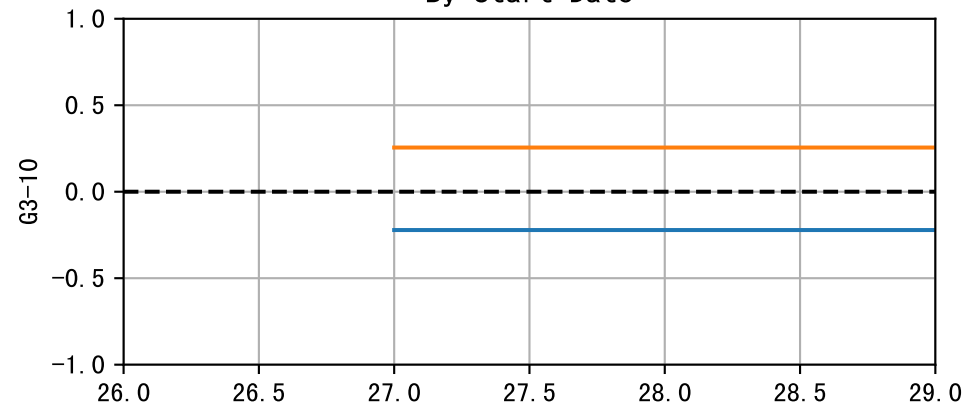
a (Def=0.45 Set=0.45)

avg1=0.42~0% avg2=na

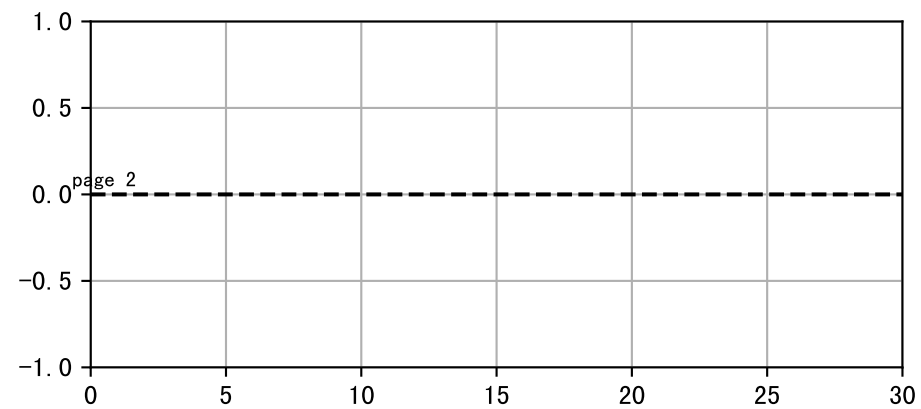
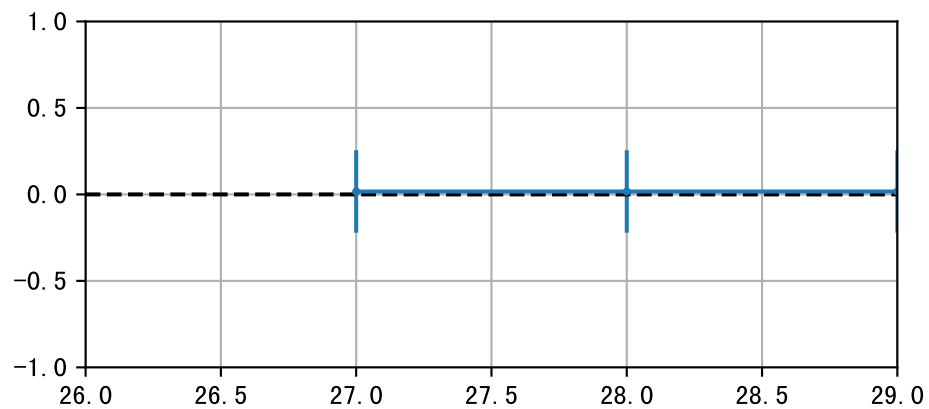
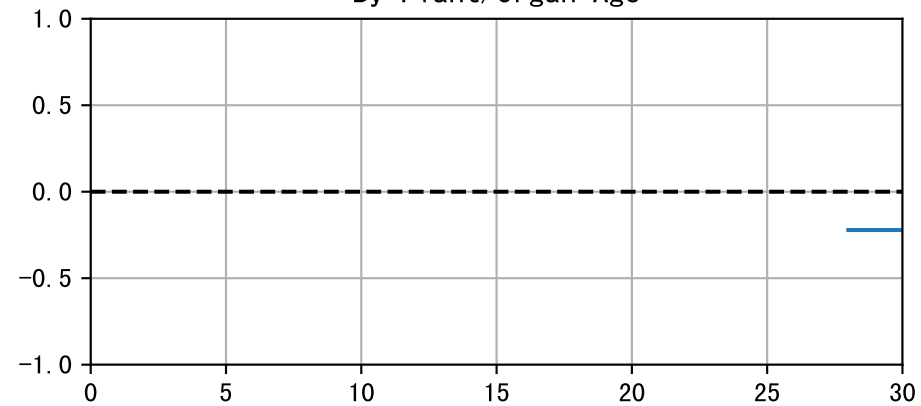
G3-10 FrN

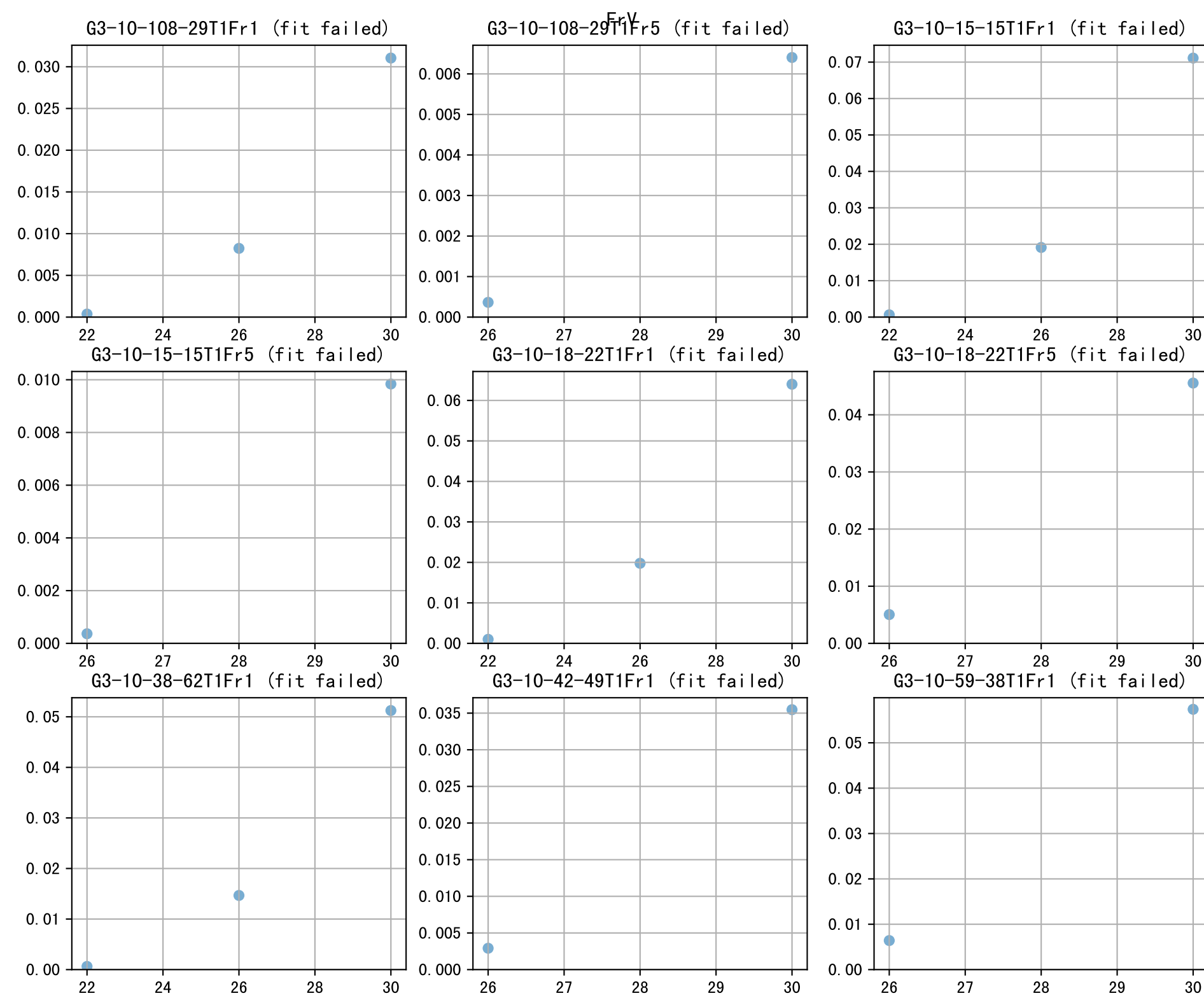


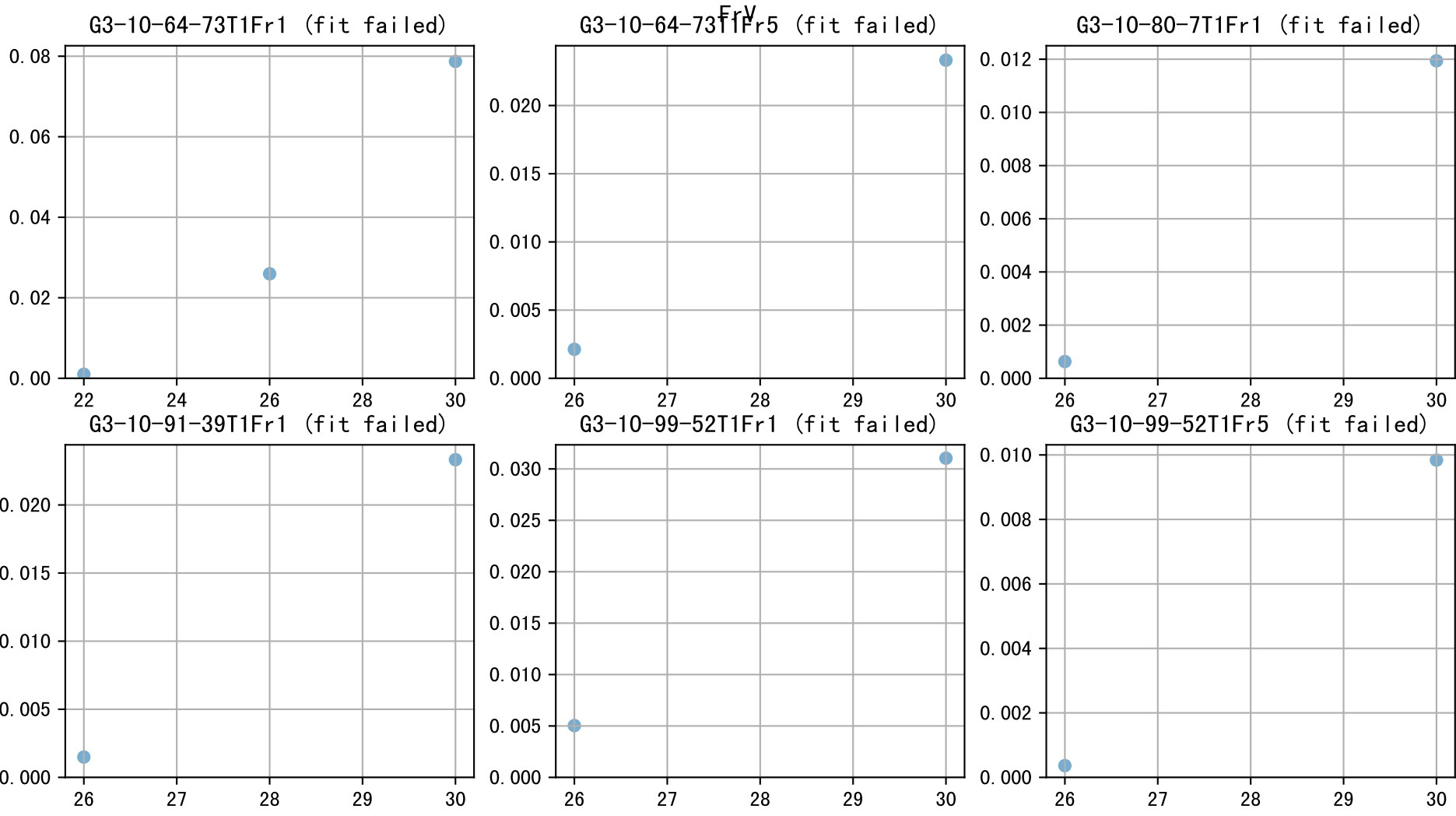
By Start Date

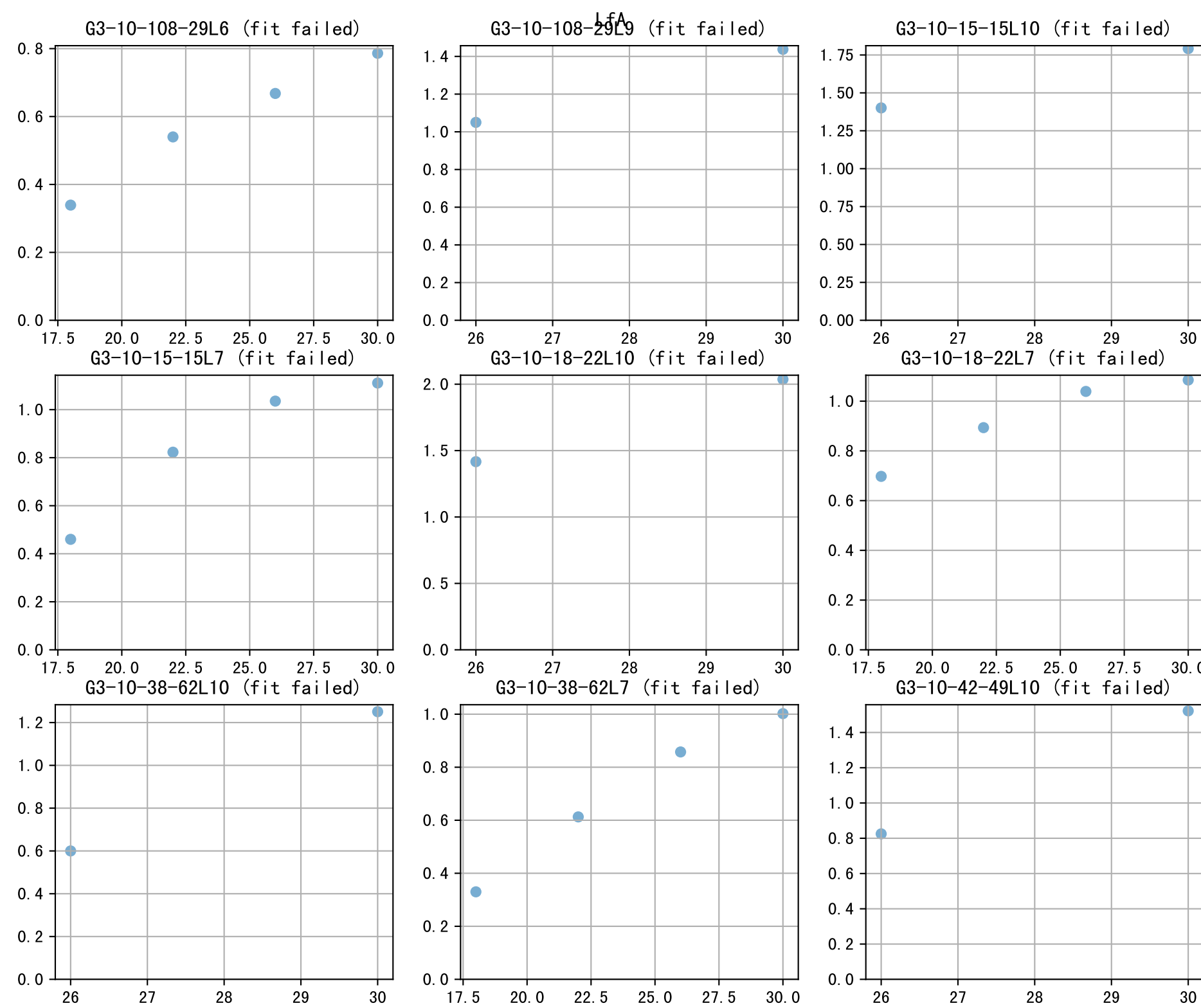


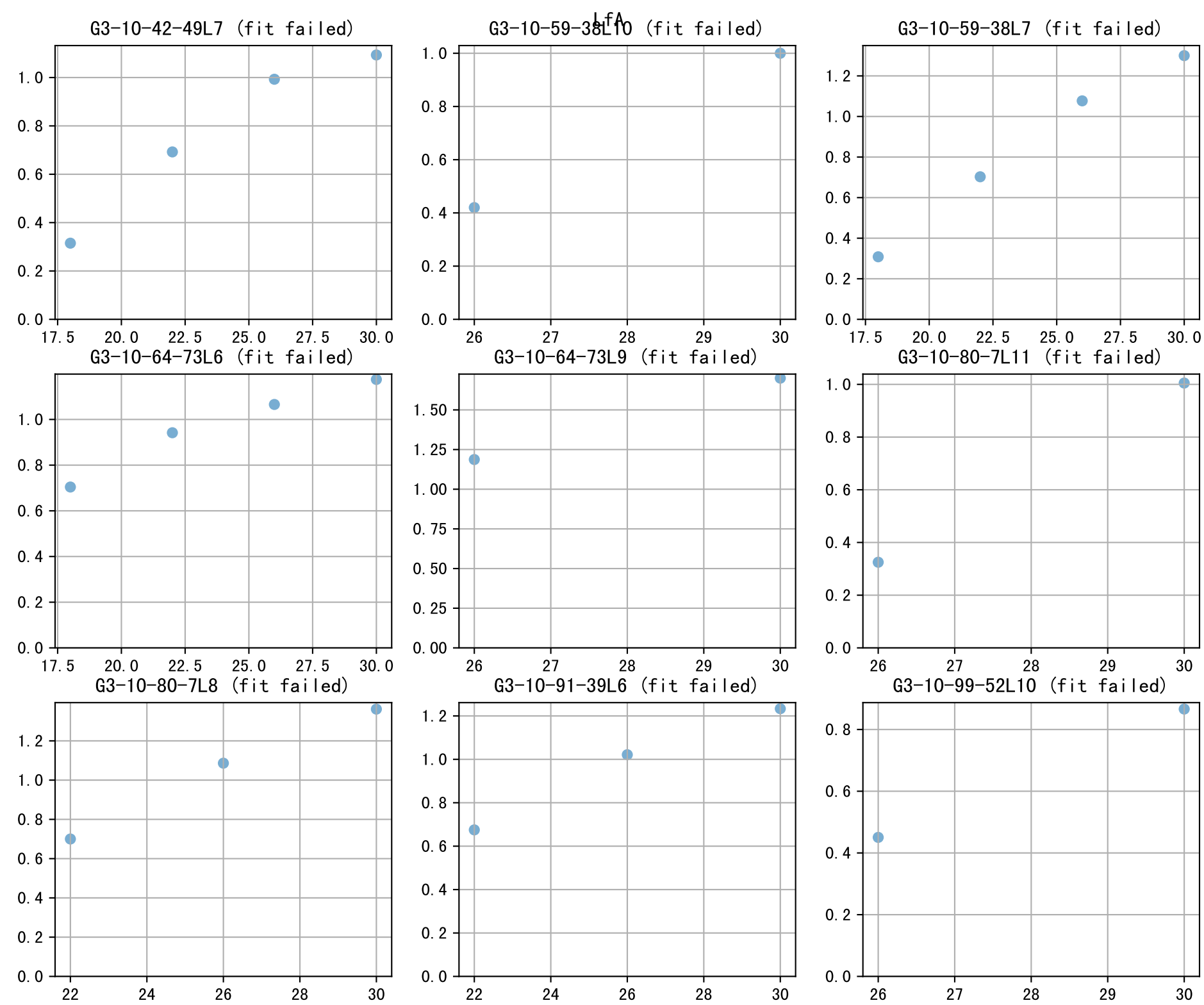
By Plant/Organ Age



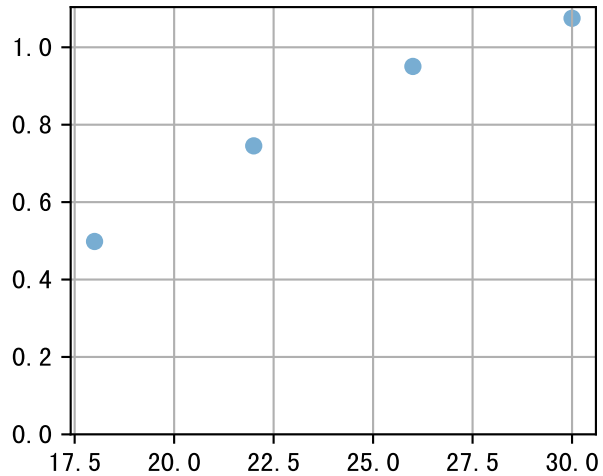


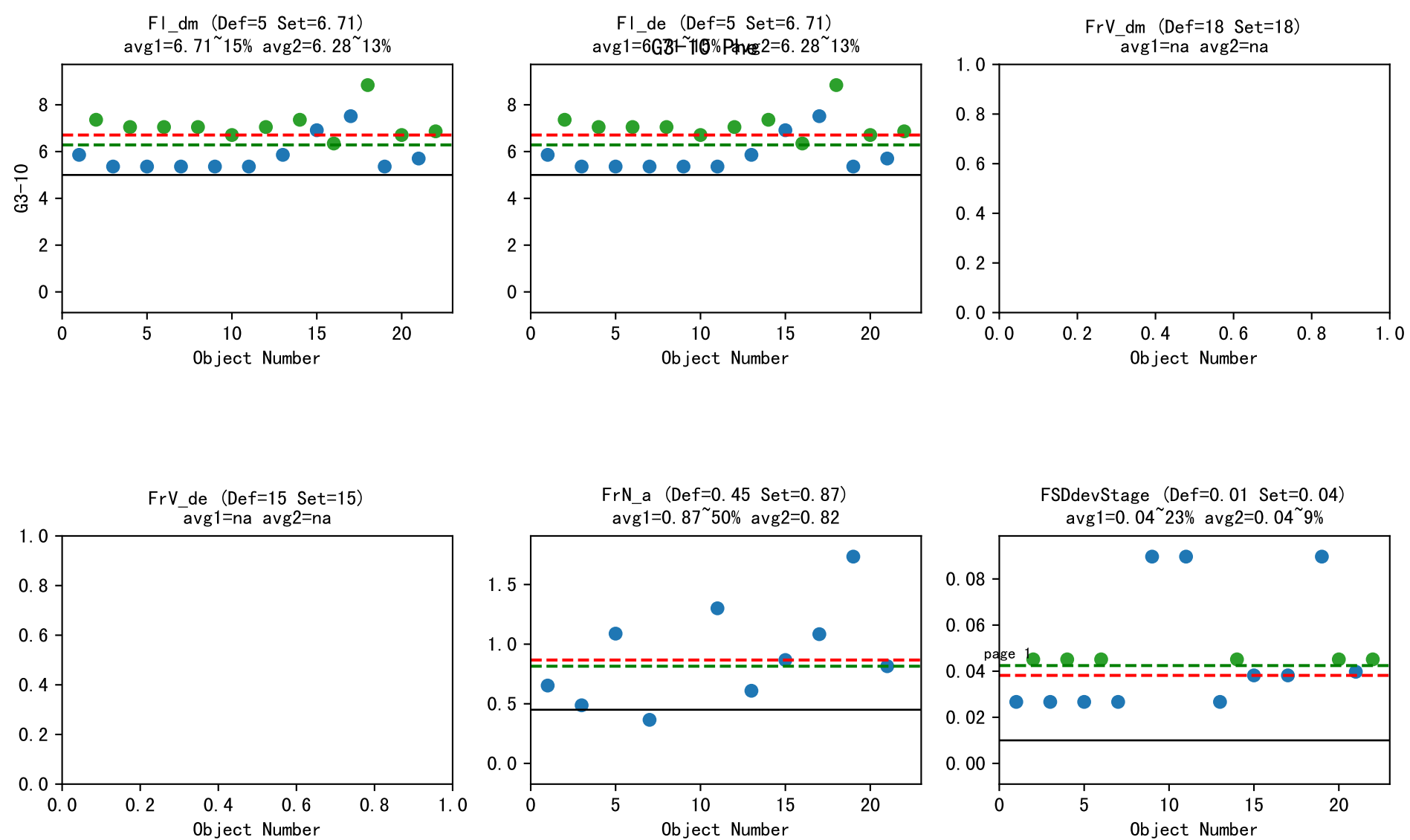




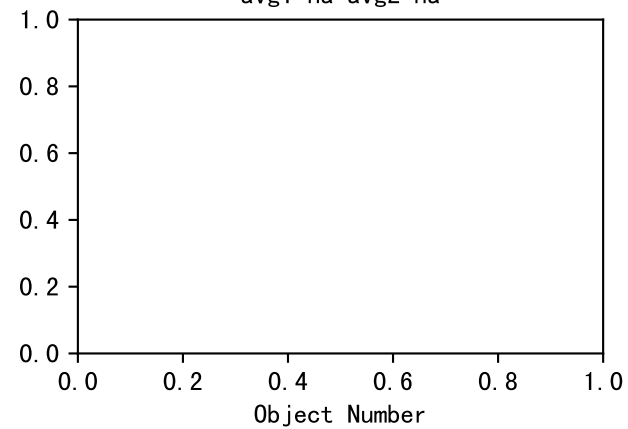


G3-10-99-52L7 (fit failed)

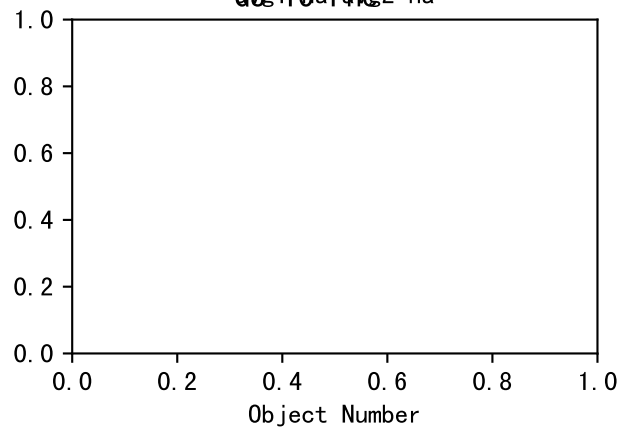




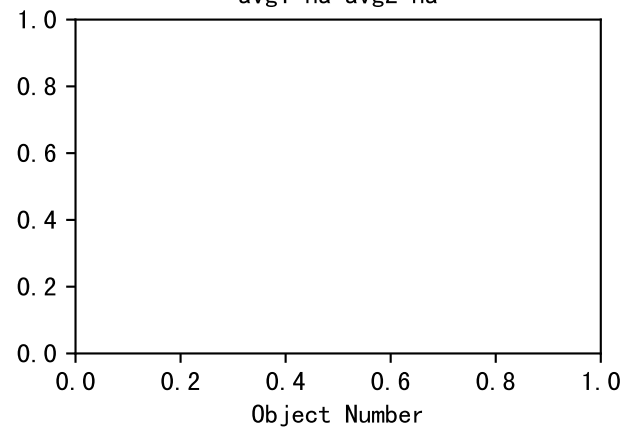
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



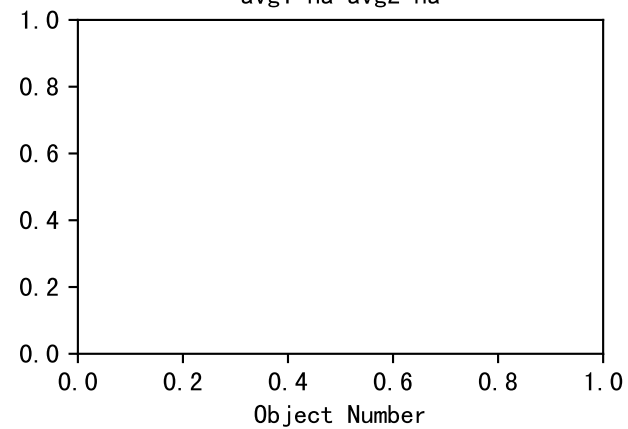
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



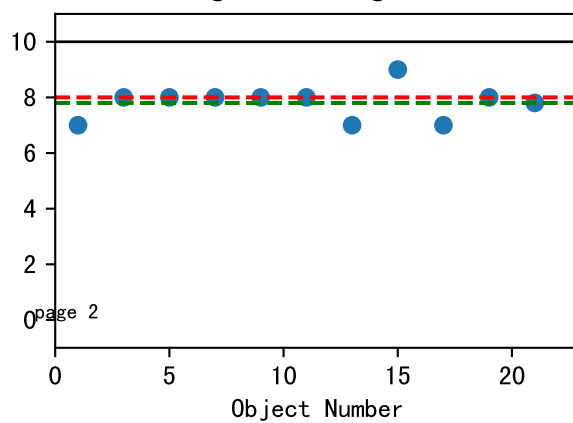
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na

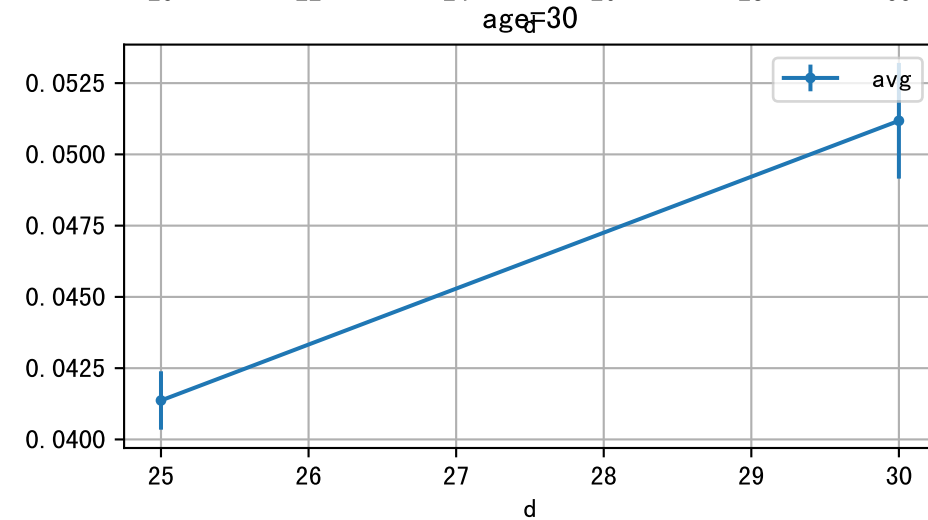
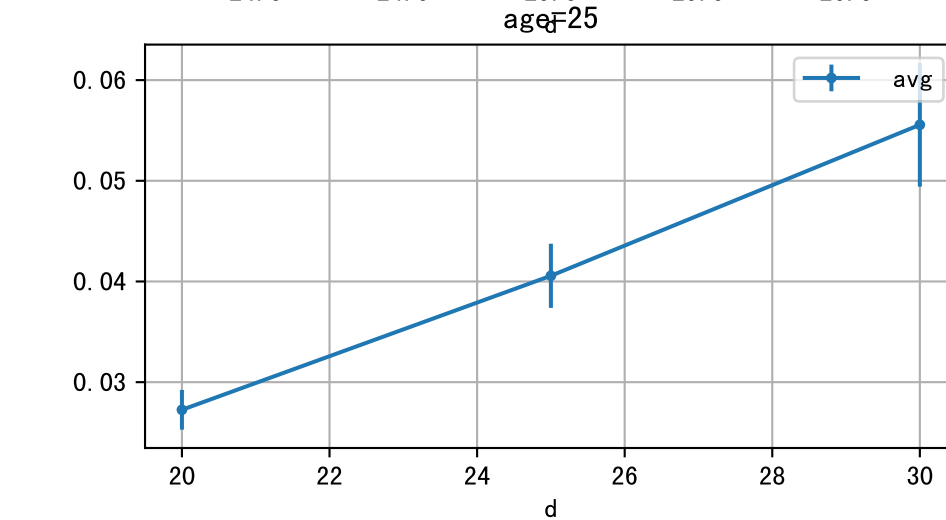
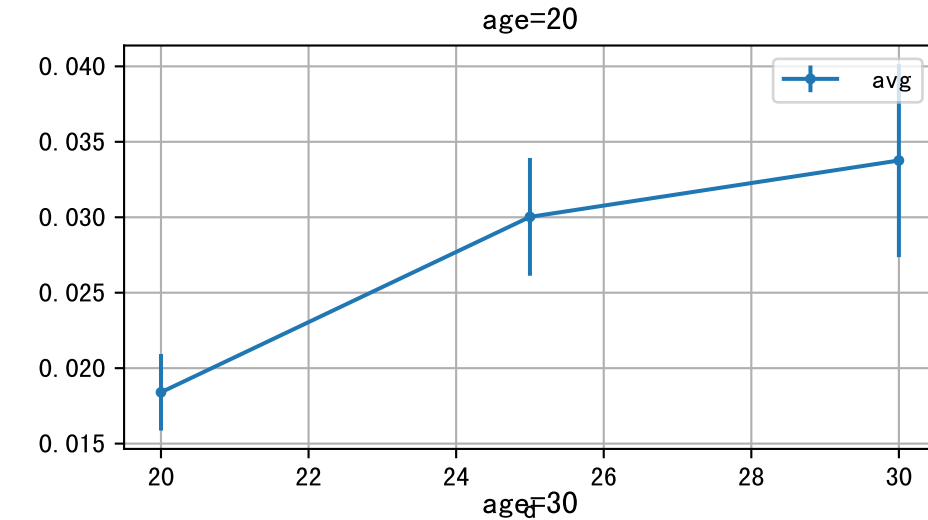
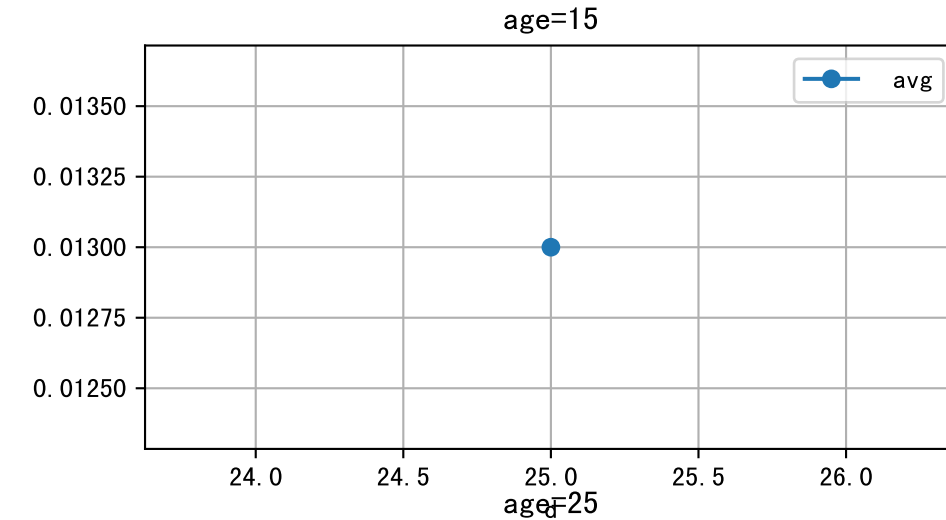


FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na

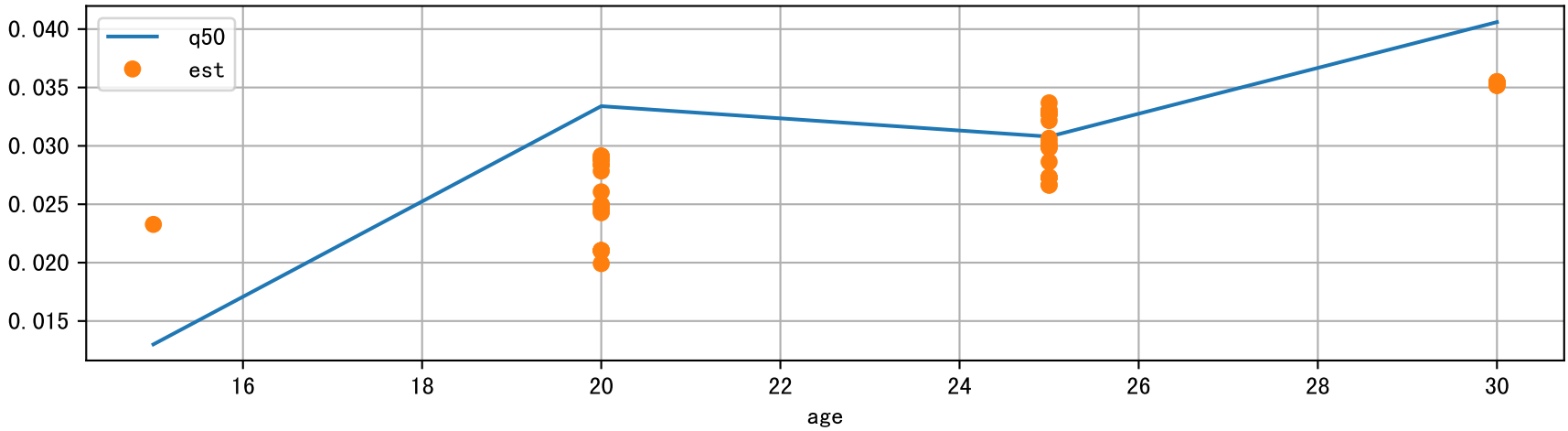


NNgen (Def=10 Set=8)
avg1=8.0~8% avg2=7.8

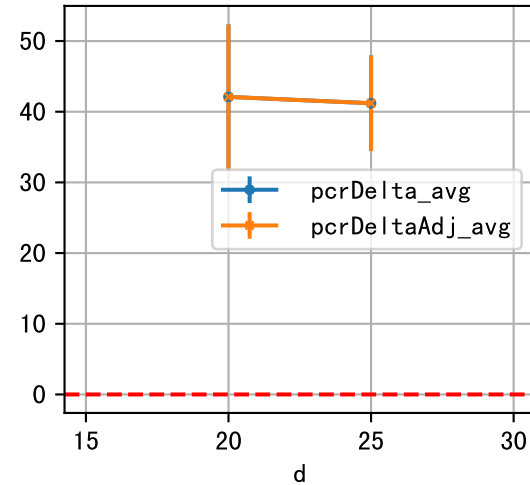




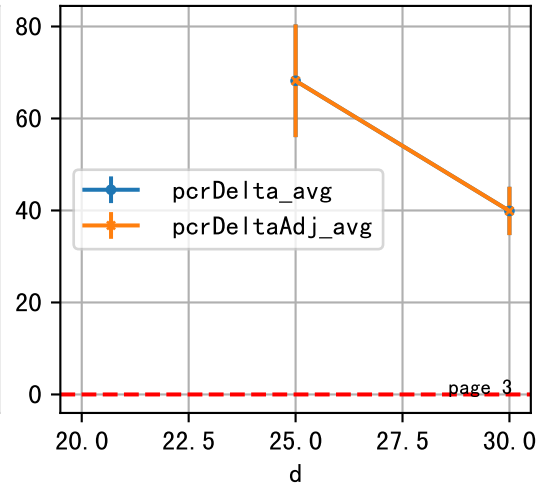
LfA: model est vs obs0v@Q50



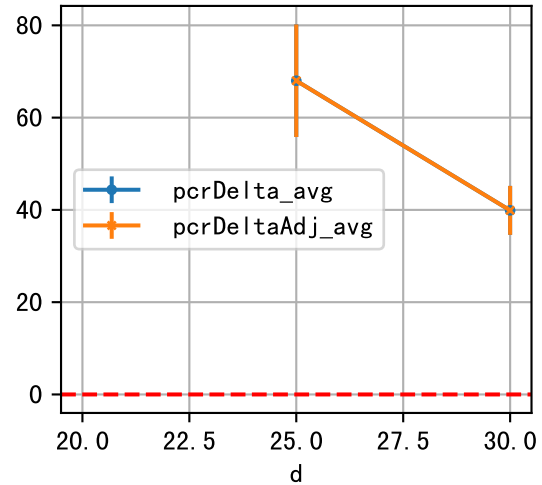
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

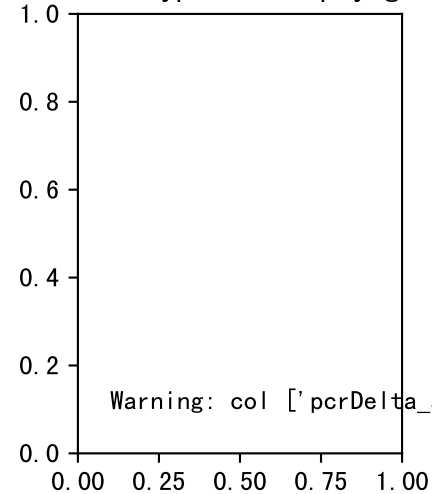


DeltaTypeAbbr=Wei AvgByD

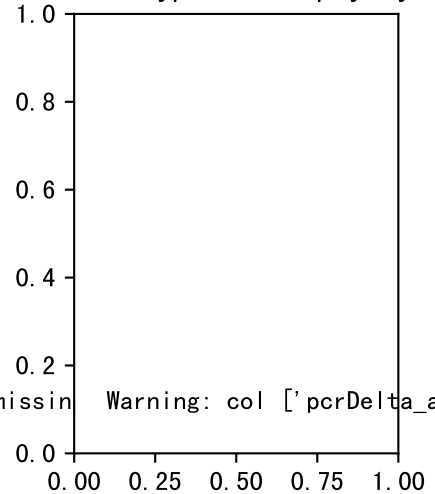


G3-10 LfA: D_15d_LfA

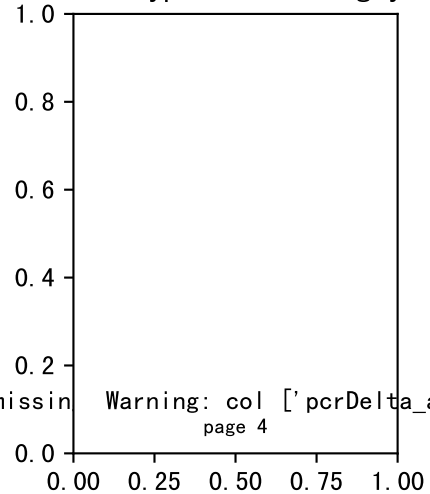
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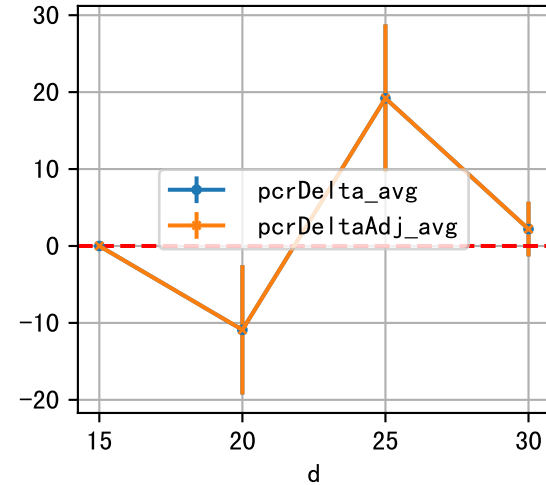
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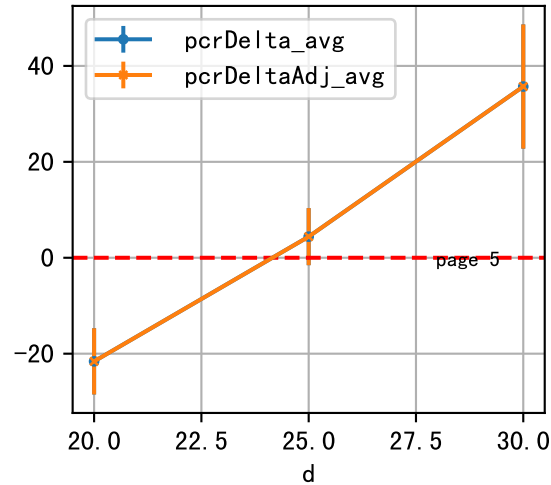
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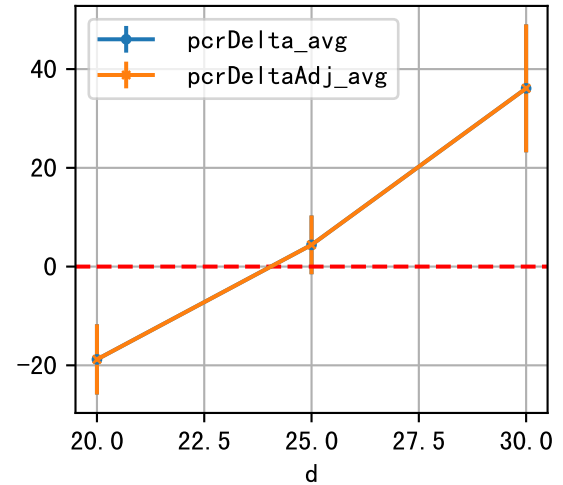
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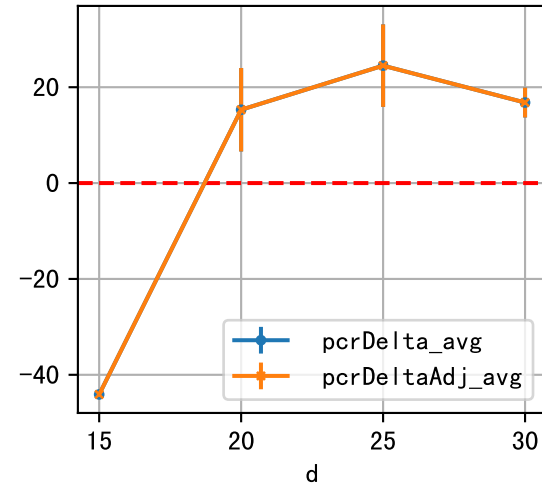
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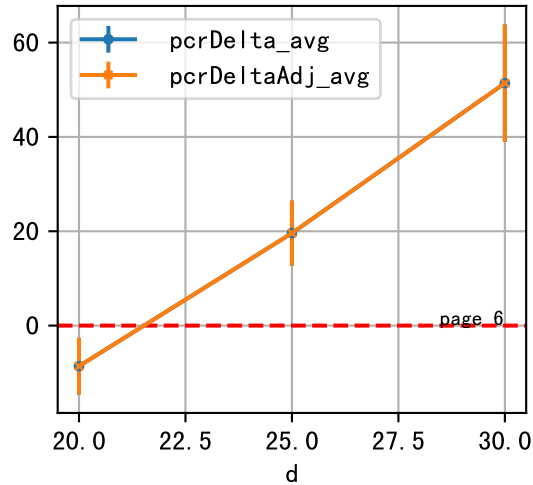
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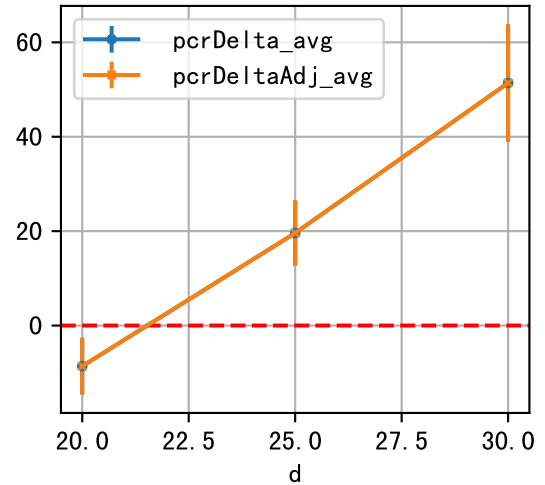
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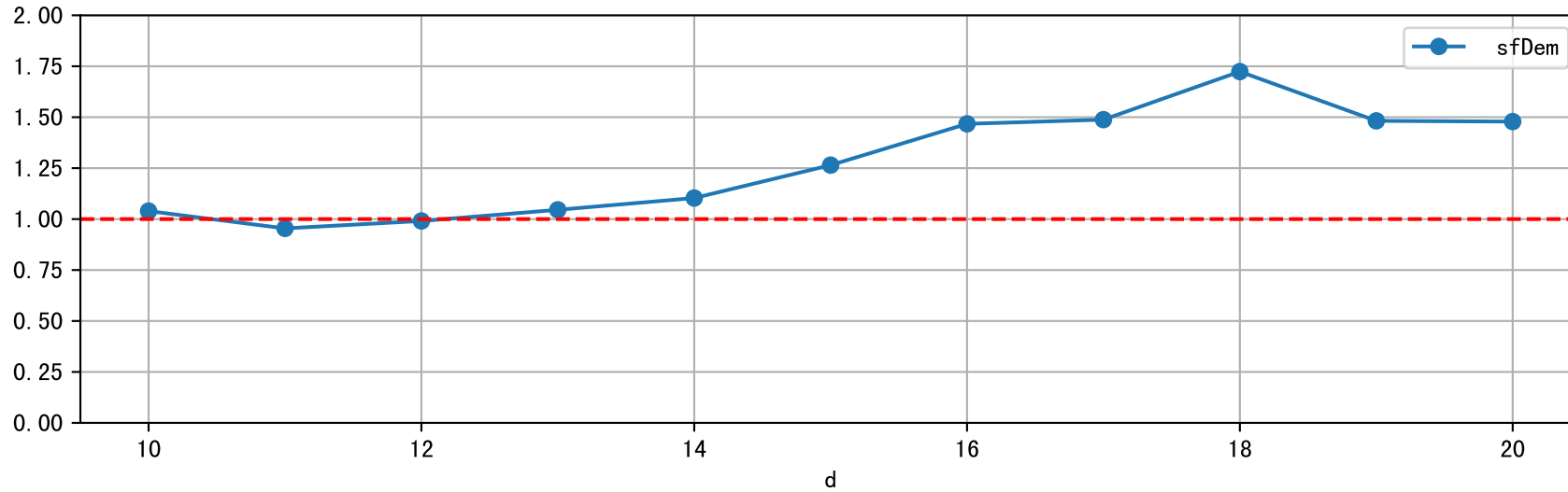
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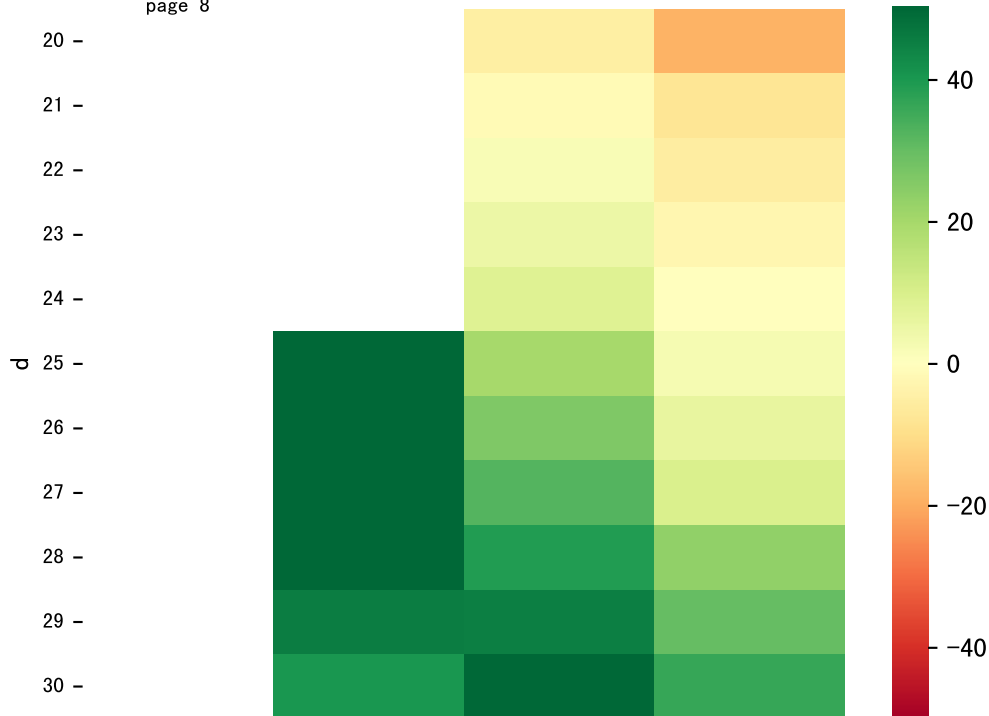


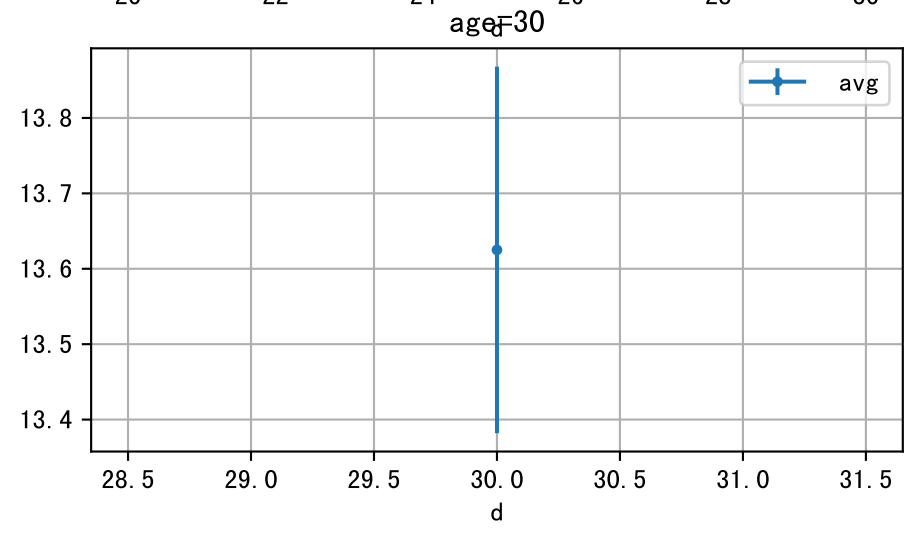
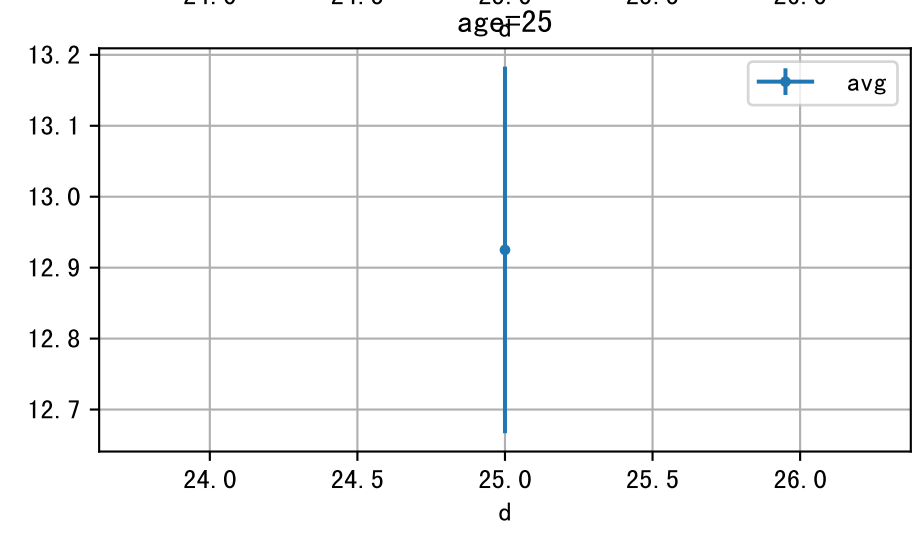
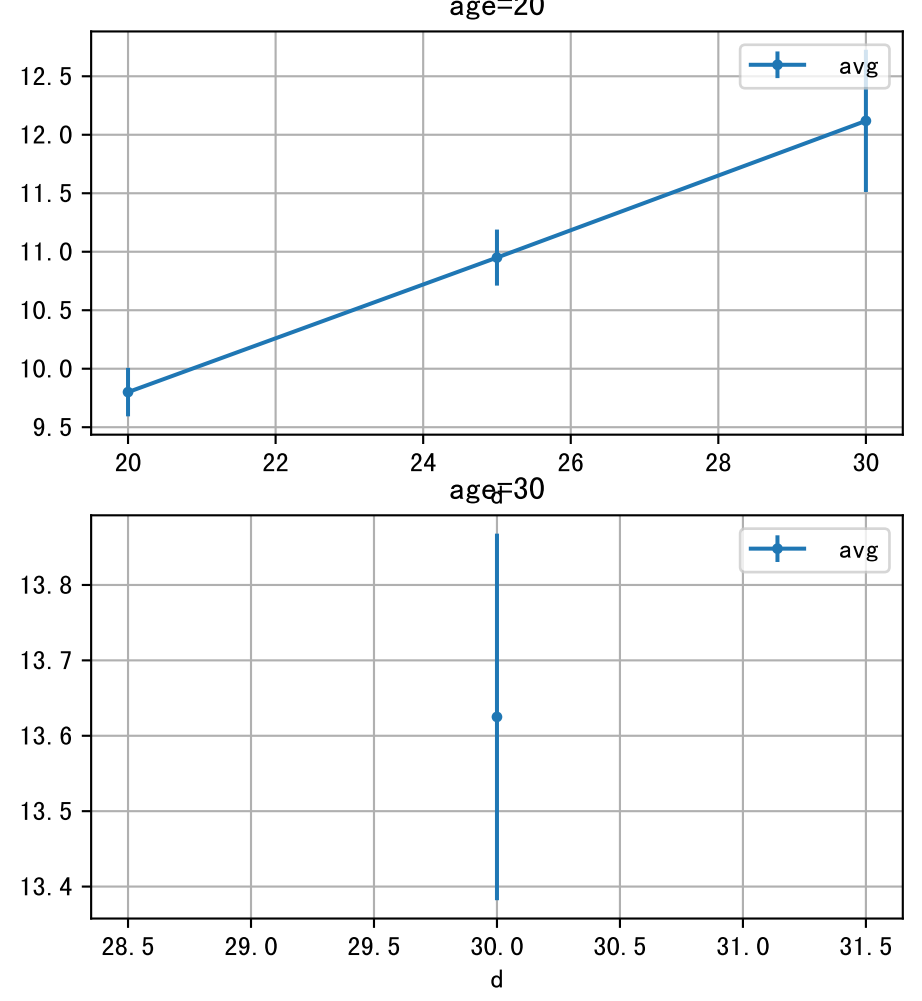
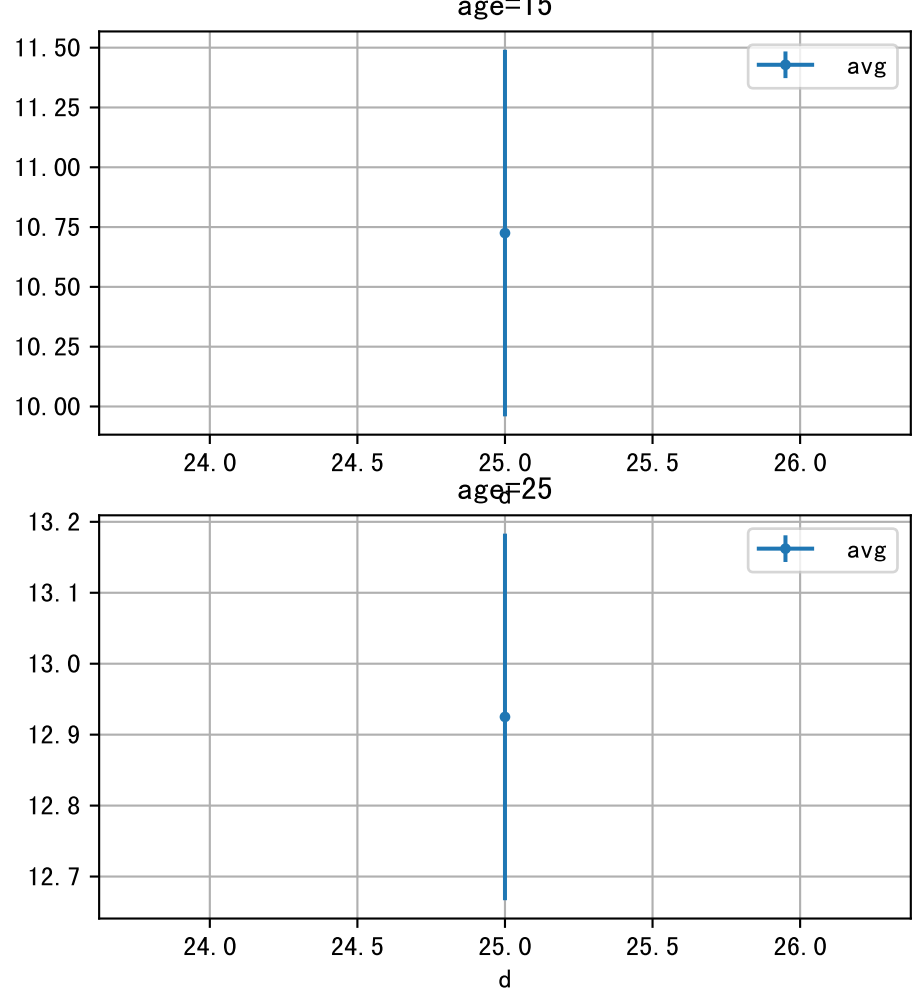
DeltaTypeAbbr=Wei AvgByD



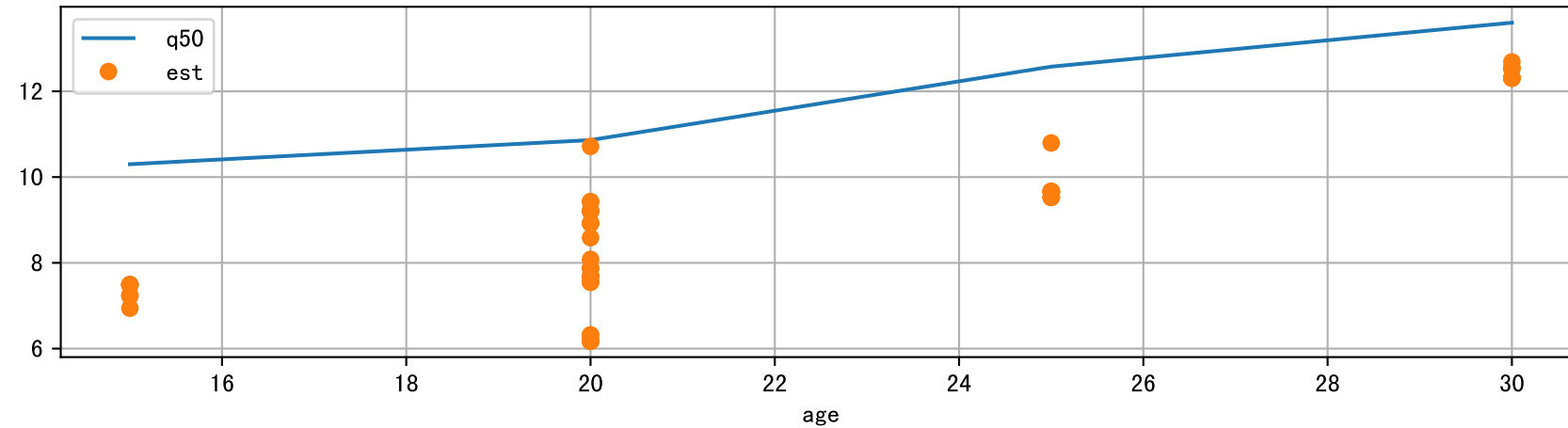
LfA: sfDem



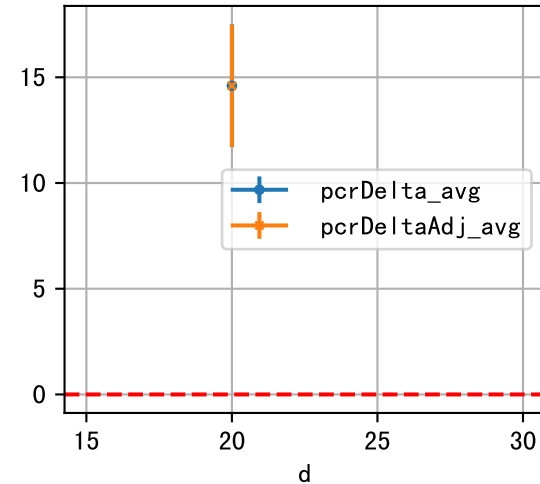




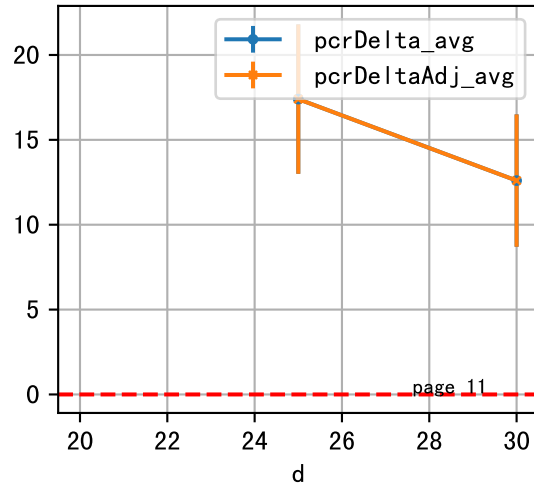
NdD: model est vs obs0v@Q50



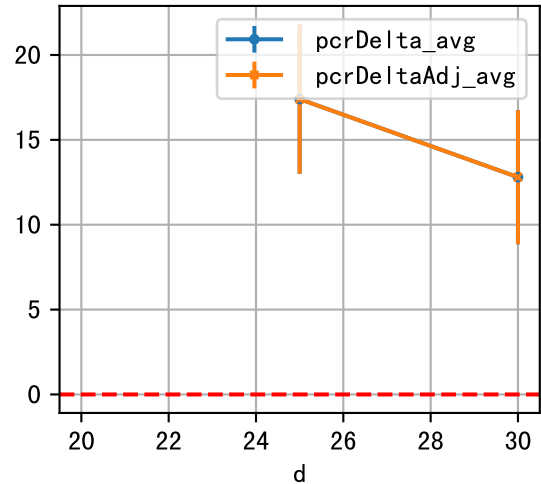
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

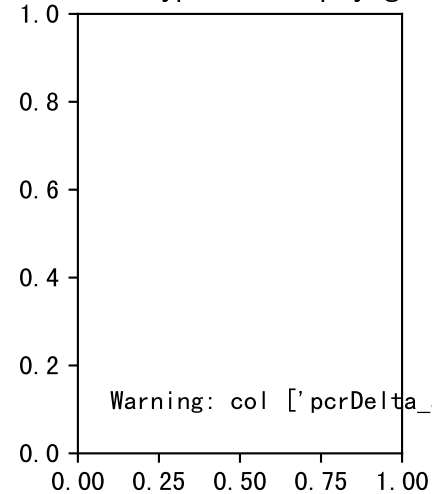


DeltaTypeAbbr=Wei AvgByD

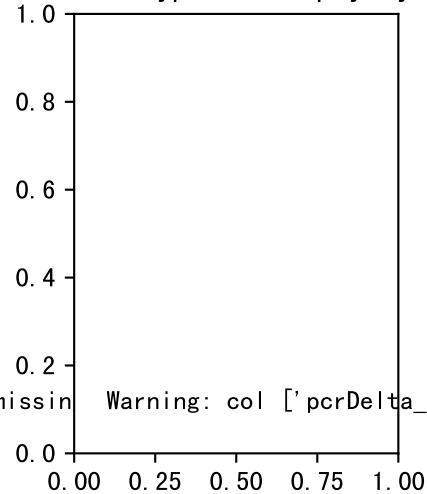


G3-10 NdD: D_15d_NdD

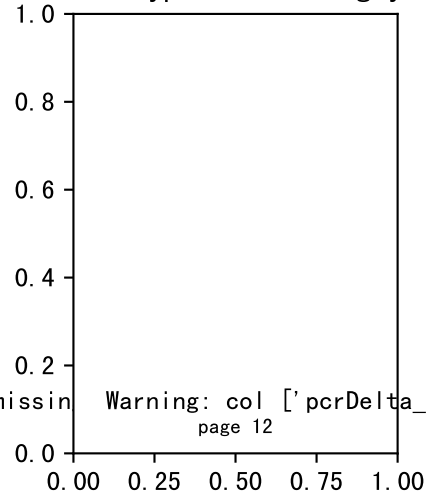
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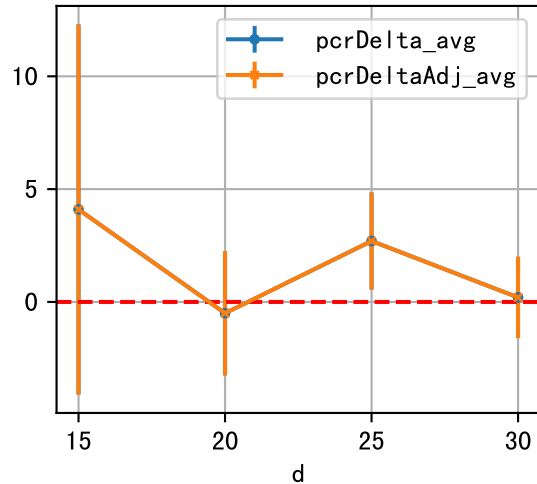
DeltaTypeAbbr=GrpByDay



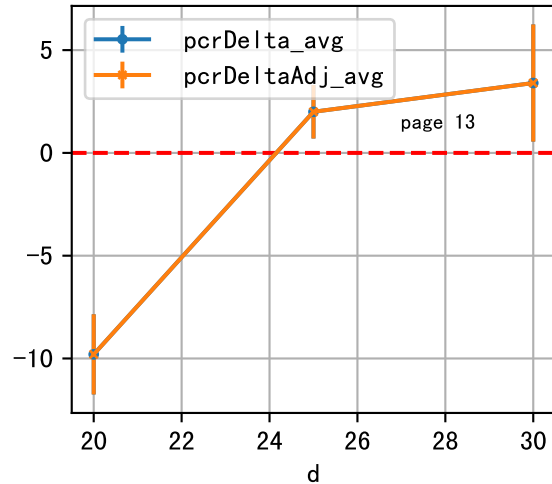
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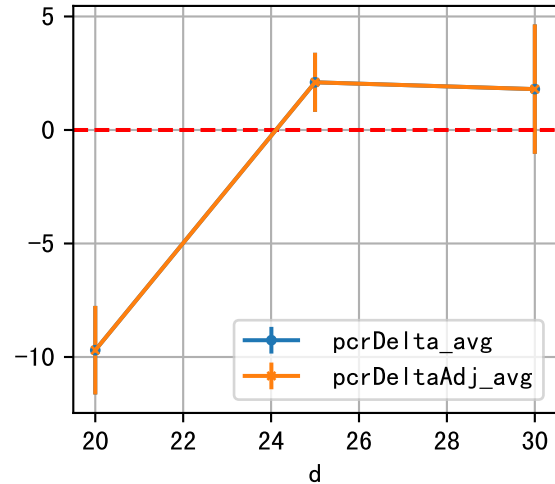
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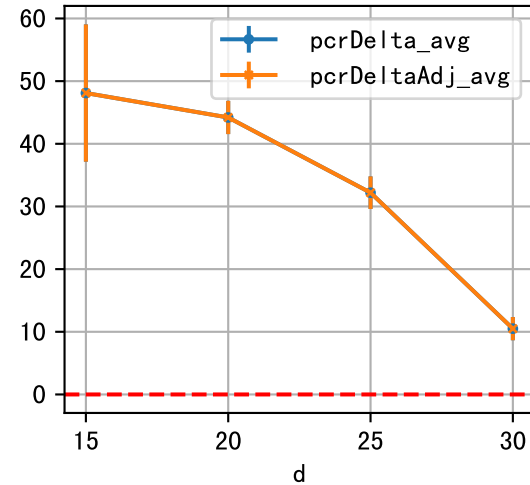
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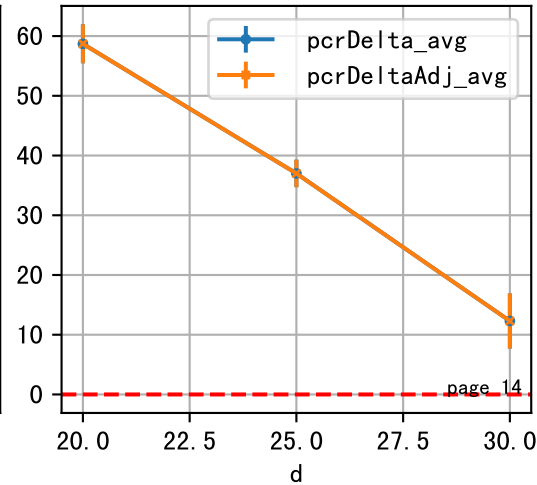
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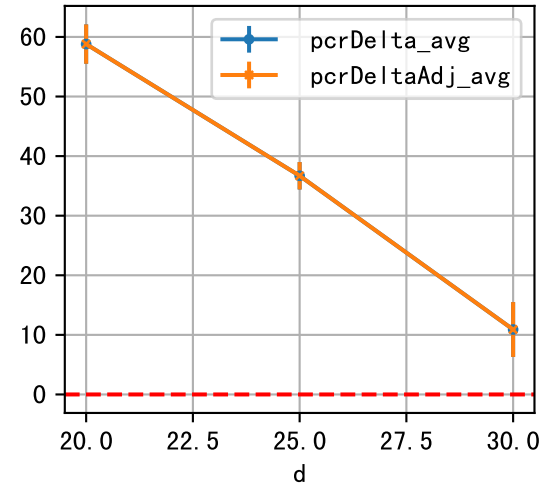
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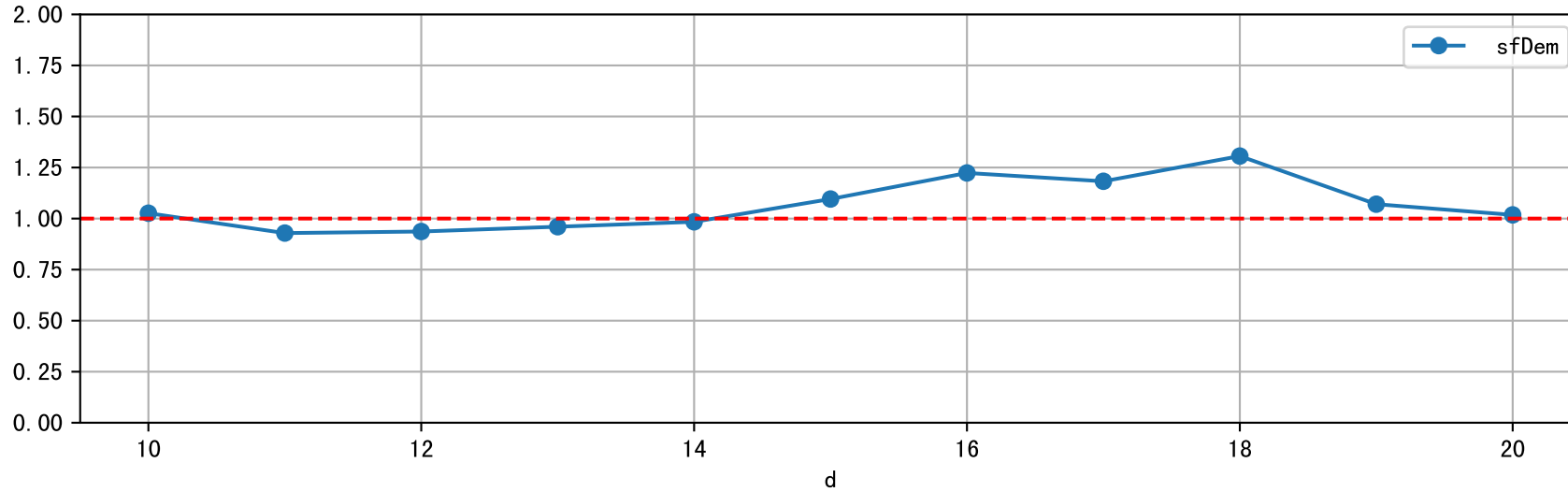
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=Wei AvgByD

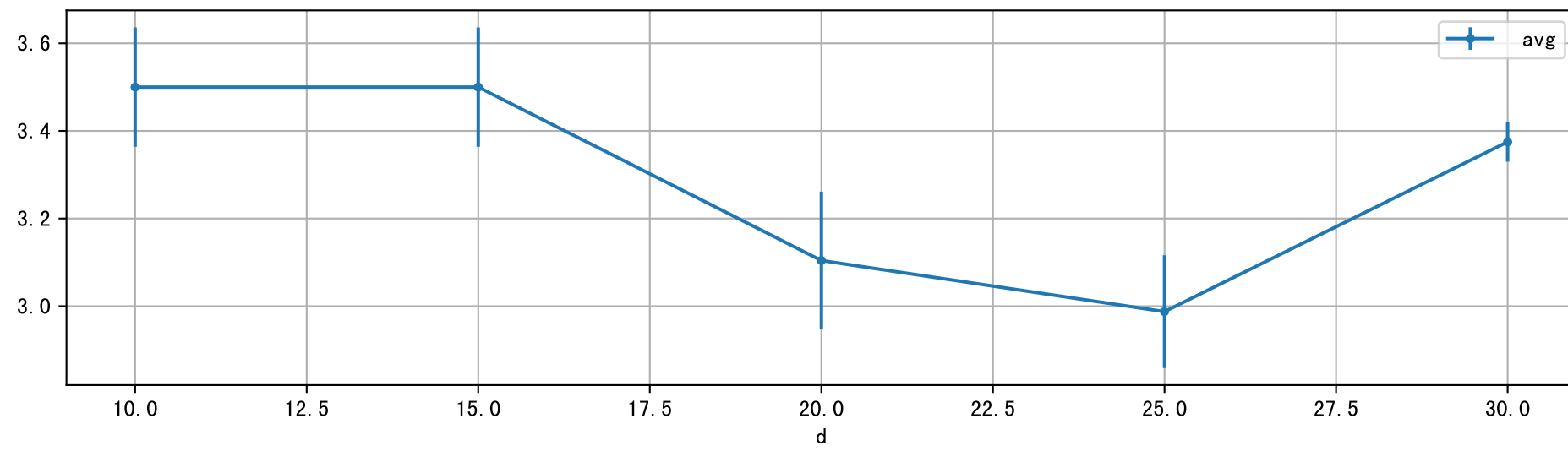


NdD: sfDem

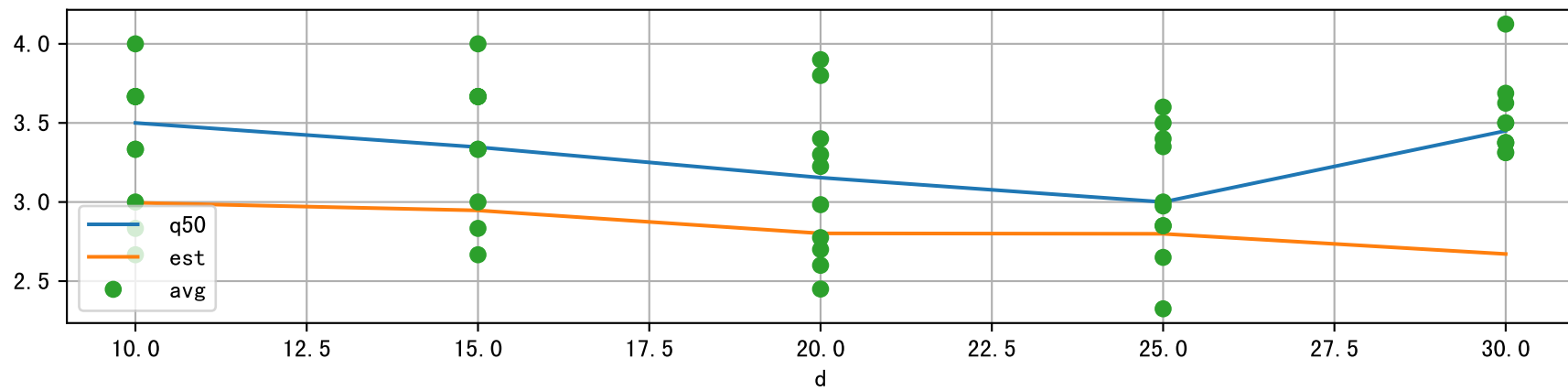




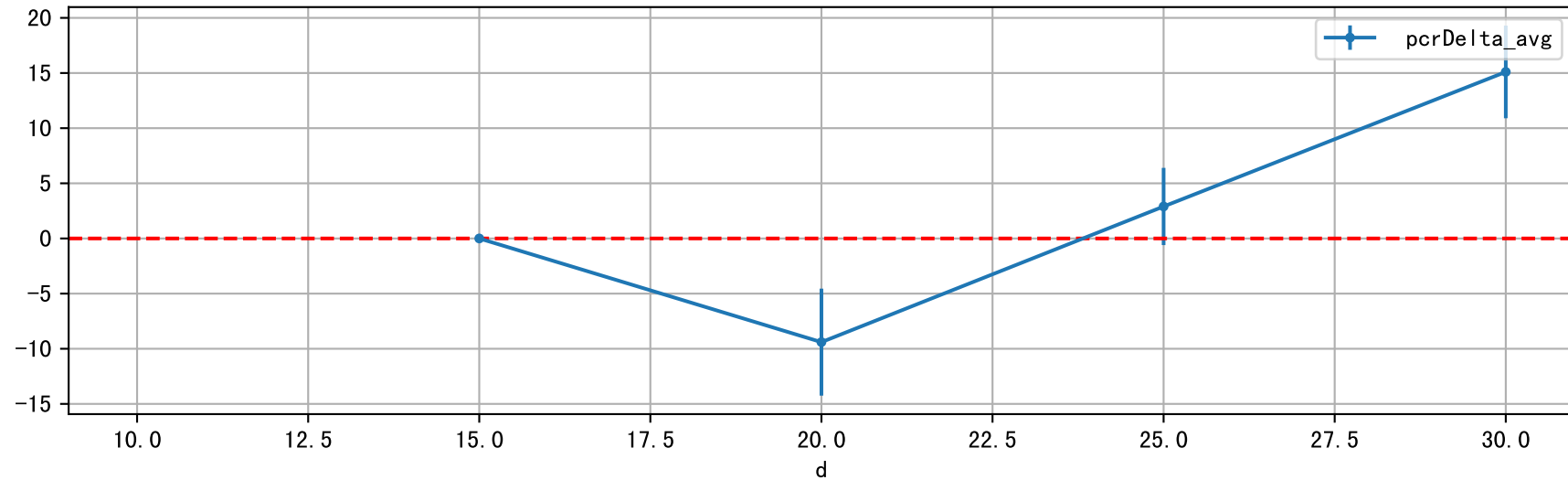
dStH: avg vs. d



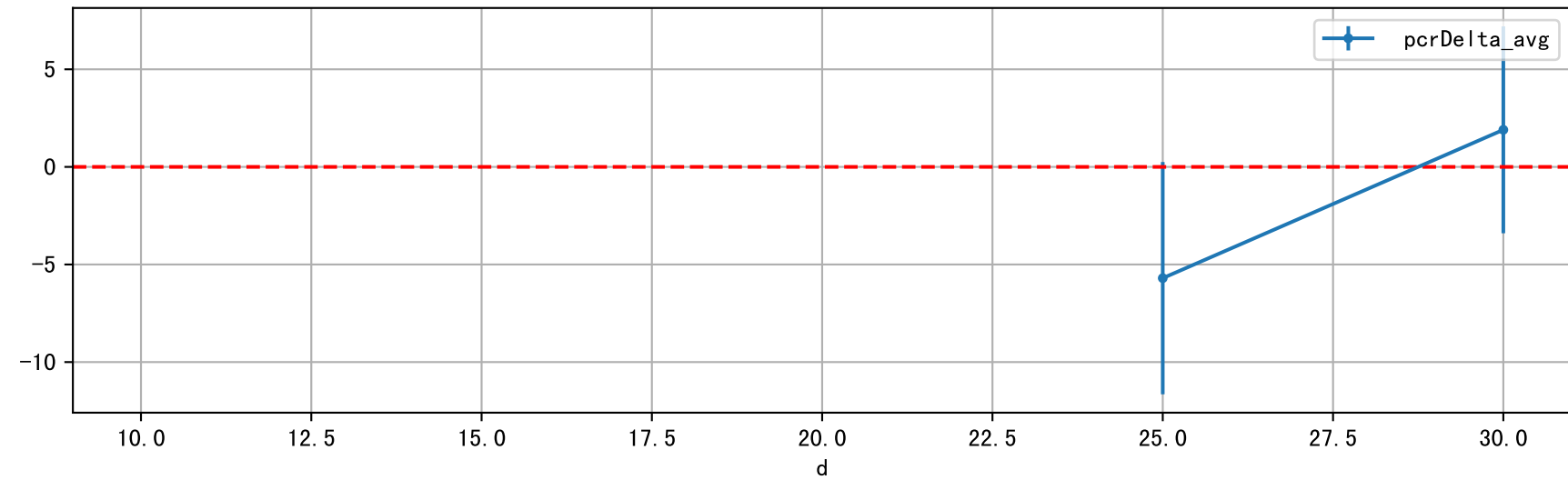
dStH: obsAvg vs obs0v@Q50



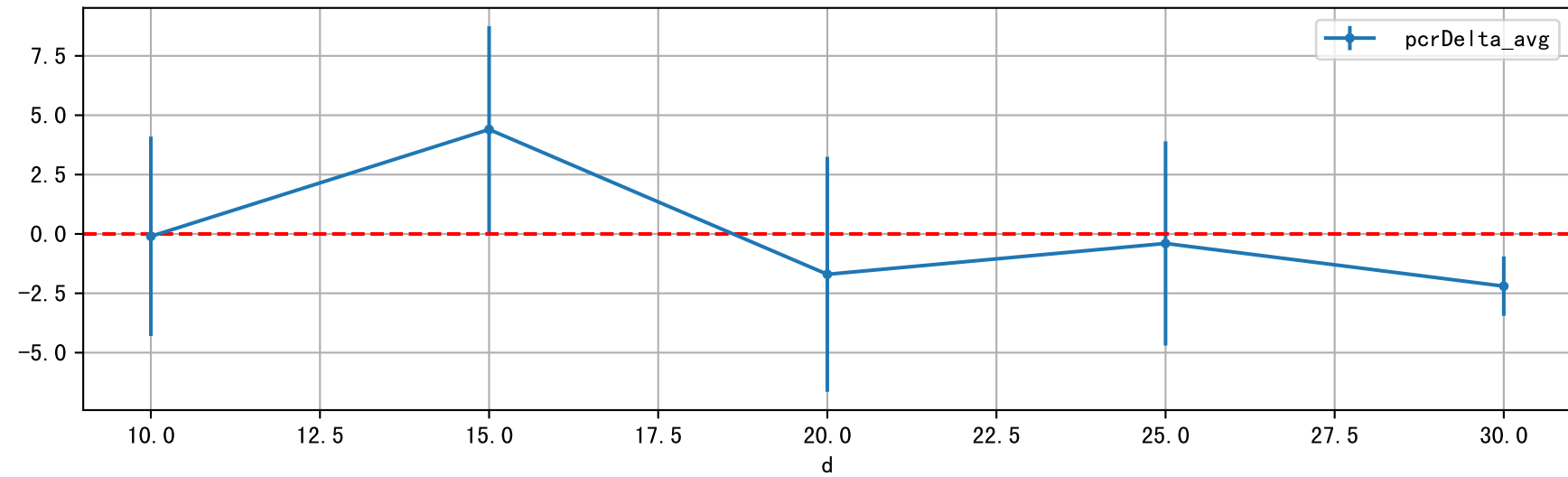
dStH: D_5d_StH



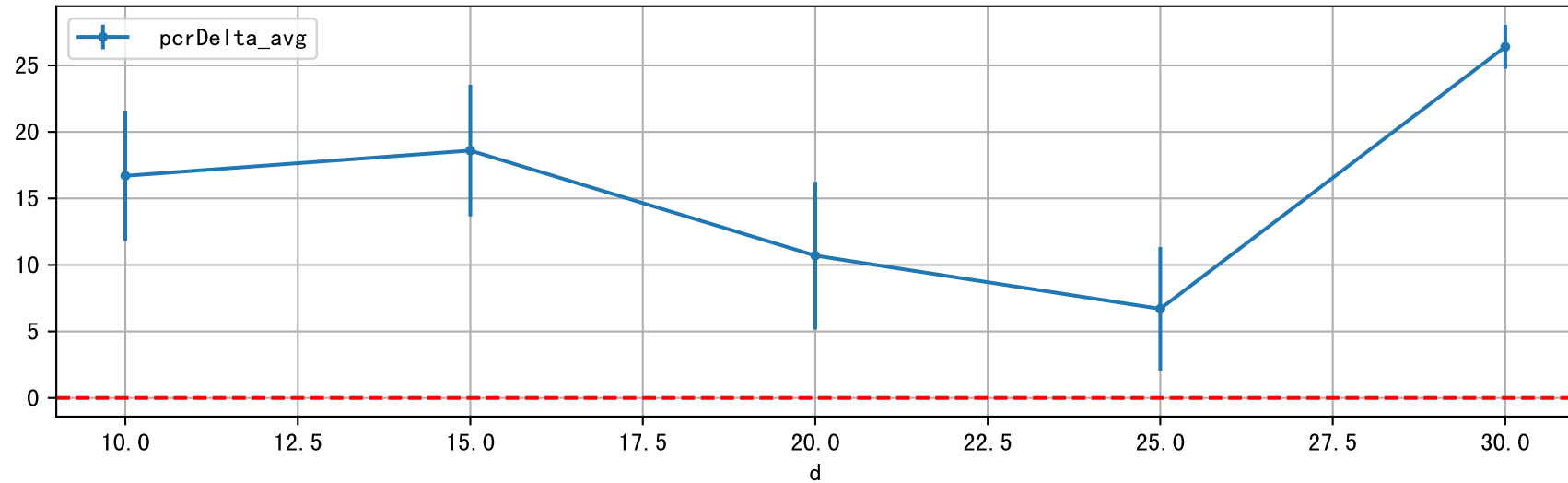
dStH: D_15d_StH



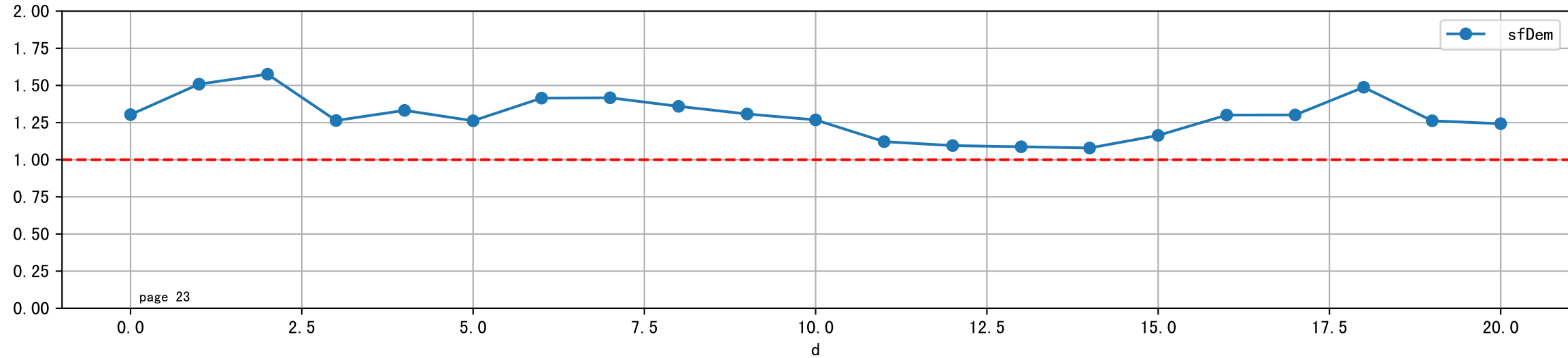
dStH: D_Q50_StH



dStH: D_Est_StH



dStH: sfDem





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