

Phenotype Data Analysis Plots

PhenoData day range = 15 – 34

Analysis cutoff day = 34

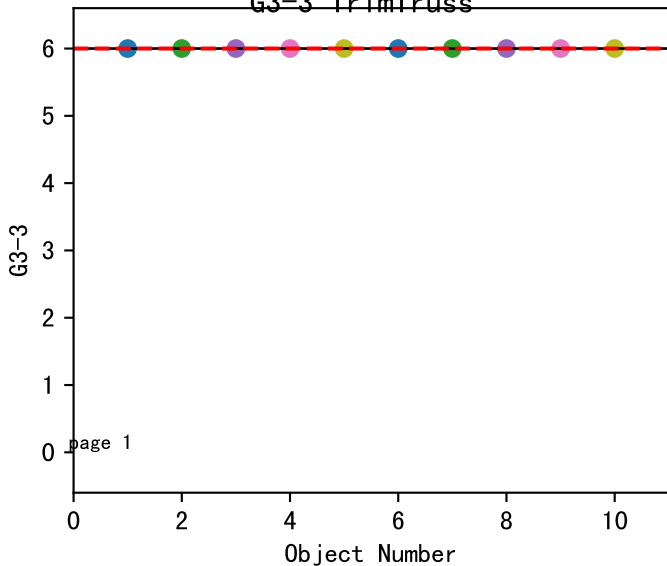
NC11 G3-3

2025-06-16 (Day 35)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

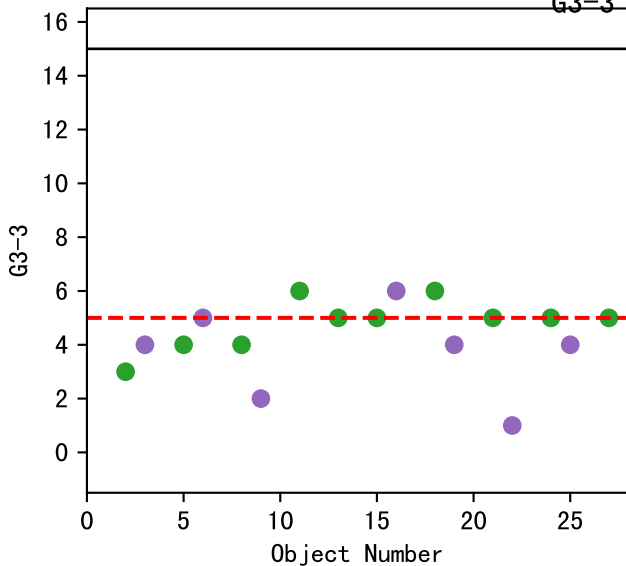
G3-3 TrimTruss



FruitNumAvgPerTruss (Def=15 Set=5)

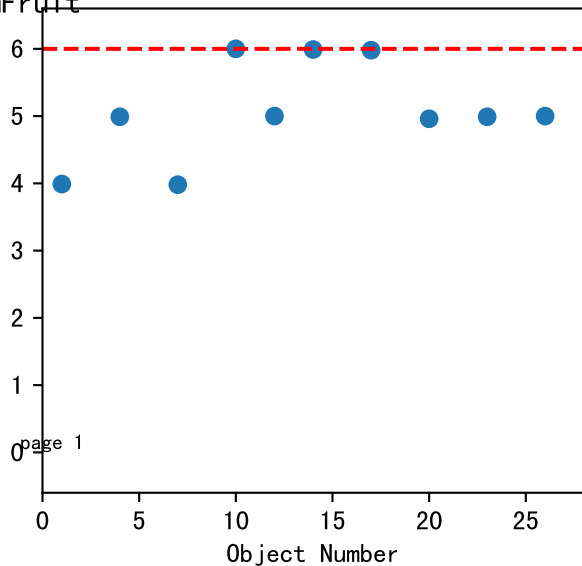
avg1=5.0~18% avg2=na

G3-3 TrimFruit



FruitNumMaxPerTruss (Def=na Set=6)

avg1=6.0~12% avg2=na

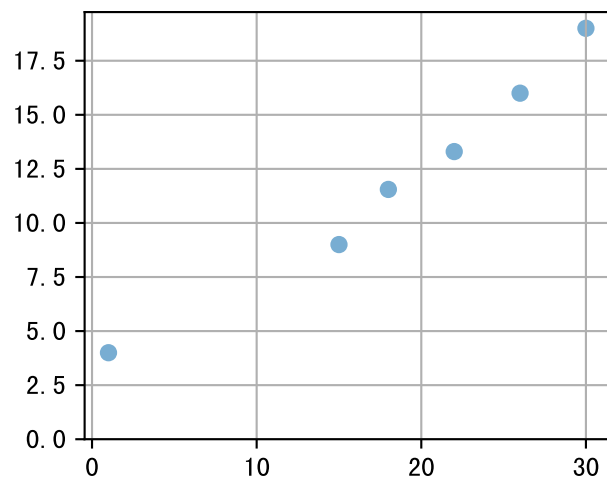
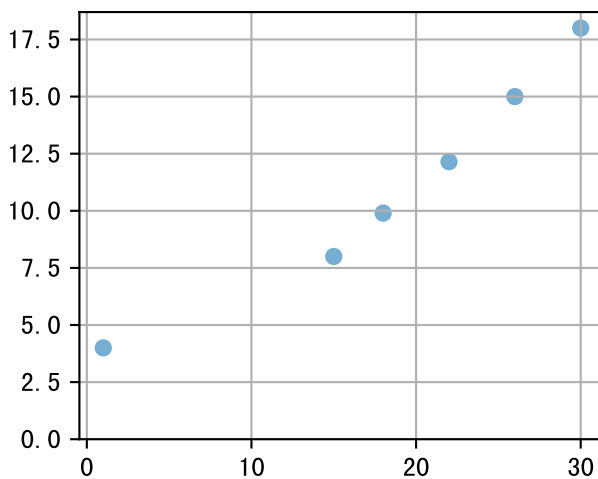
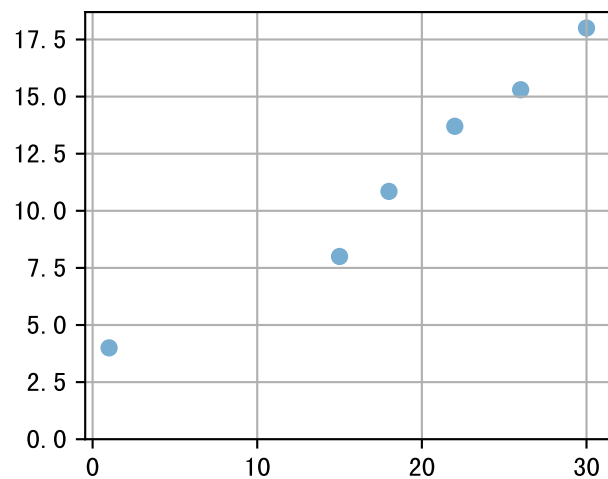


NaN

G3-3-08-22 (fit failed)

G3-3-105-44 (fit failed)

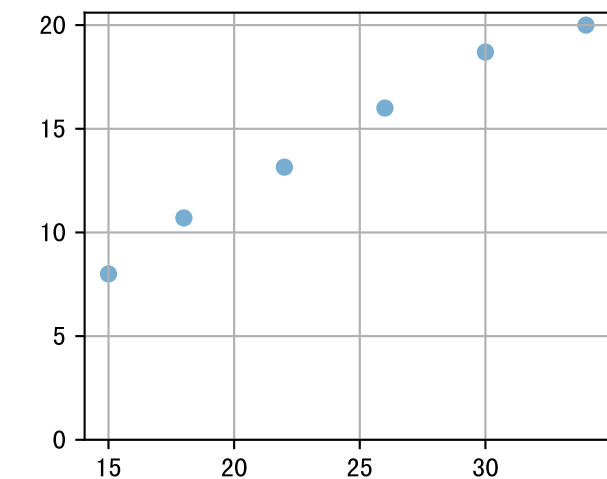
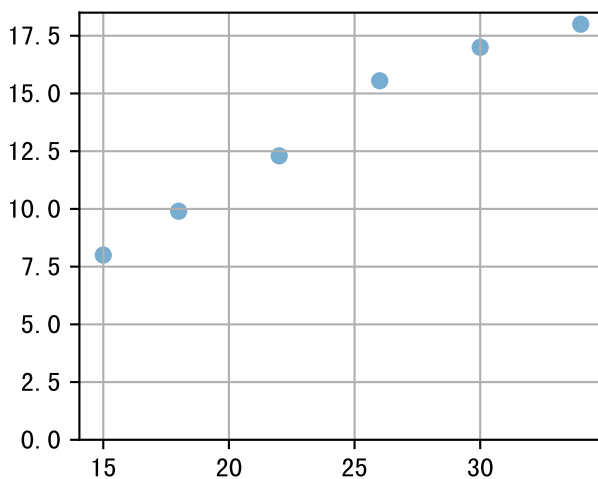
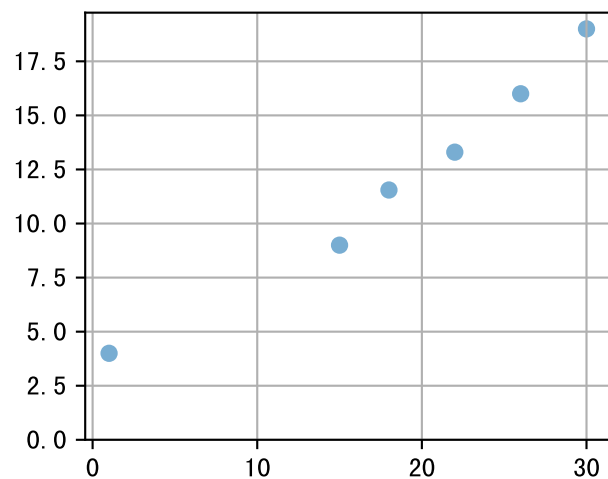
G3-3-112-4 (fit failed)



G3-3-12-39 (fit failed)

G3-3-35-56 (fit failed)

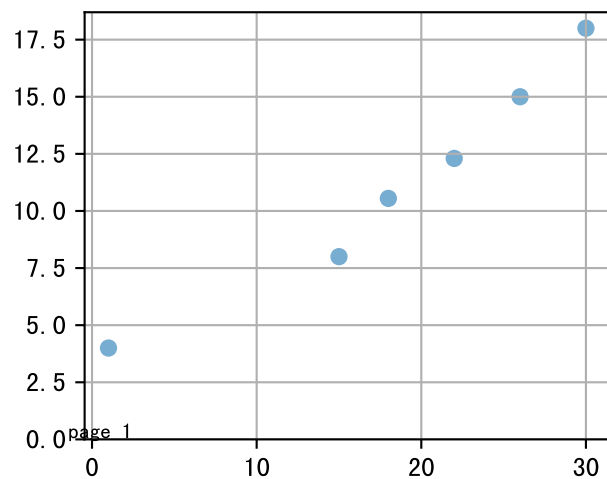
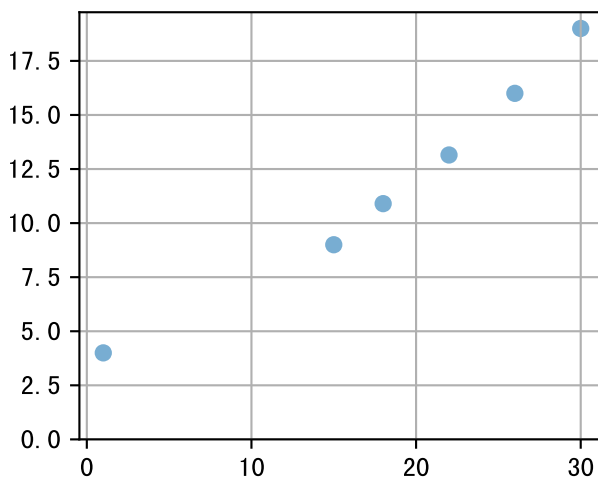
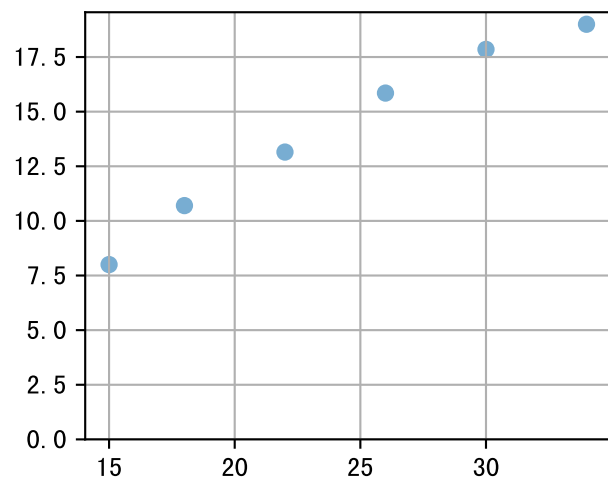
G3-3-51-72 (fit failed)



G3-3-62-31 (fit failed)

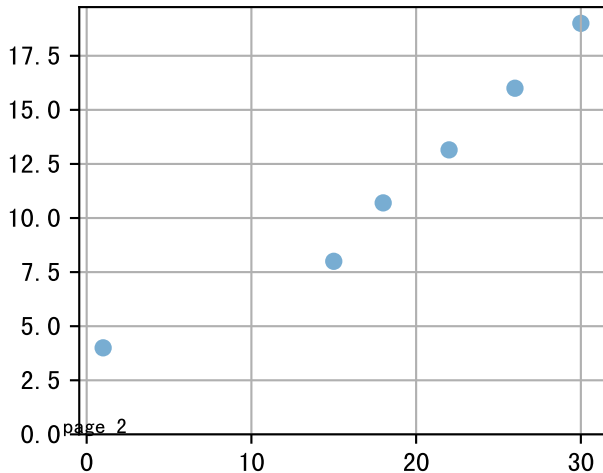
G3-3-76-11 (fit failed)

G3-3-90-9 (fit failed)

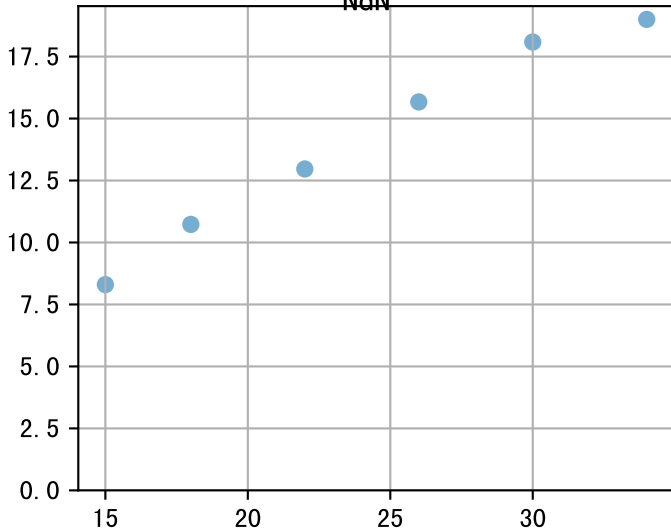


G3-3-91-23 (fit failed)

NdN

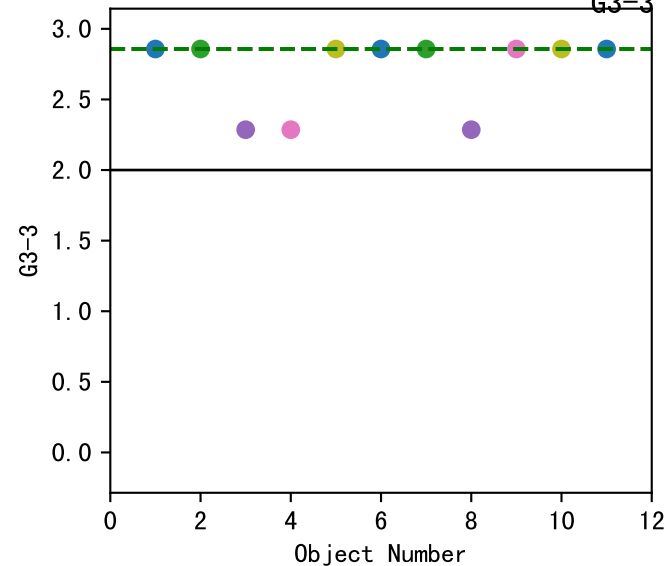


G3-3avg (fit failed)
NaN



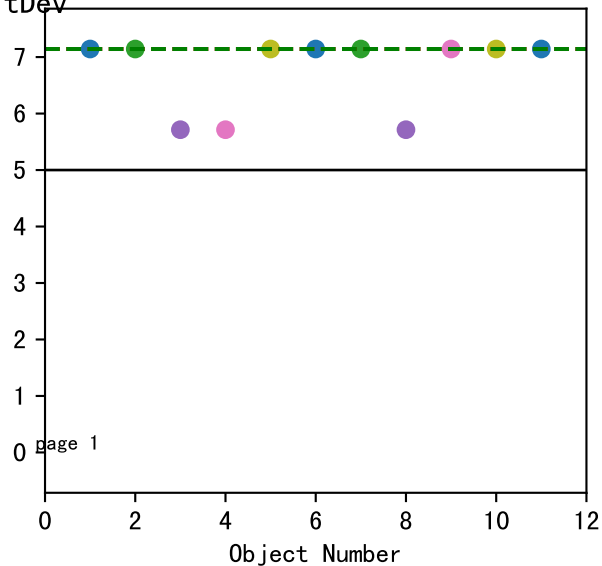
InitDev_dm (Def=2 Set=2.86)
avg1=2.86~10% avg2=2.86

G3-3

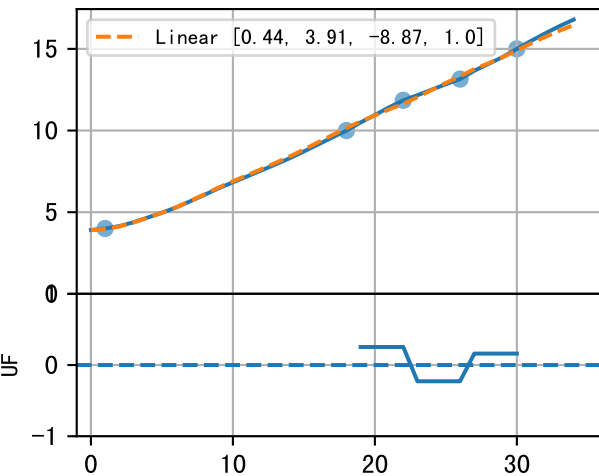


InitDev_de (Def=5 Set=7.14)
avg1=7.14~10% avg2=7.14

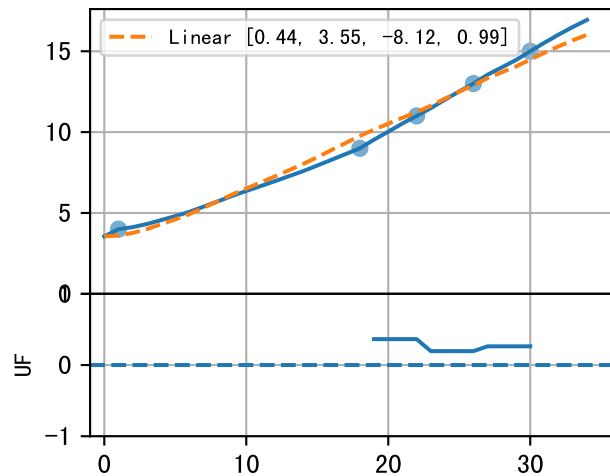
InitDev



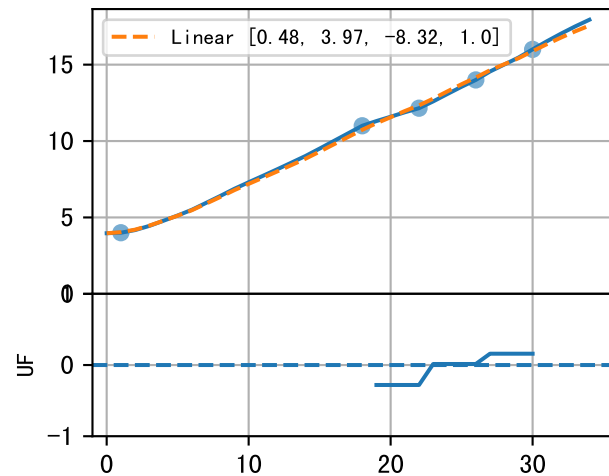
G3-3-08-22



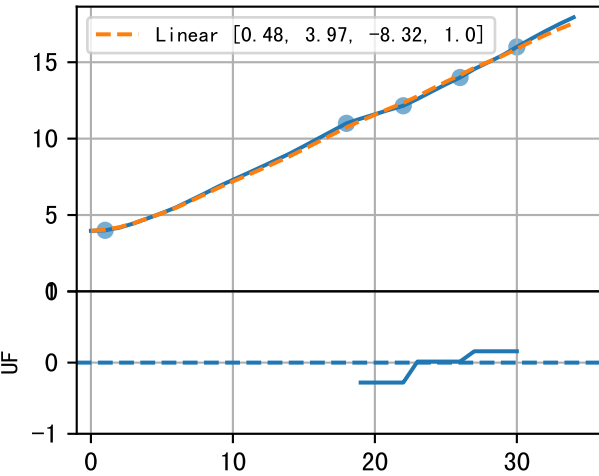
G3-3-105-44



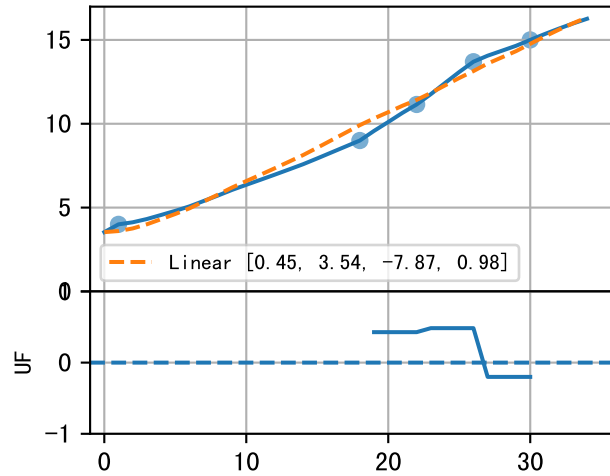
G3-3-112-4



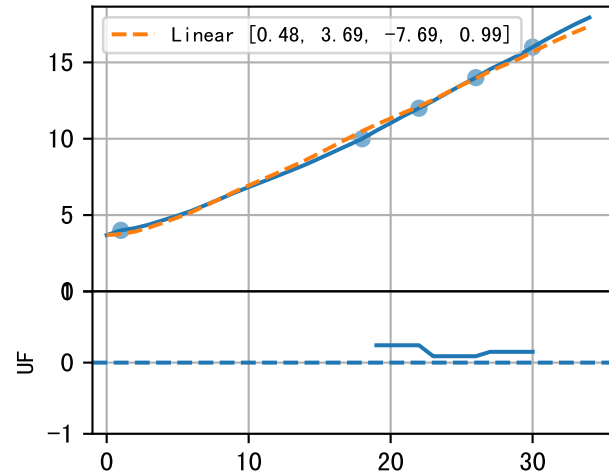
G3-3-12-39



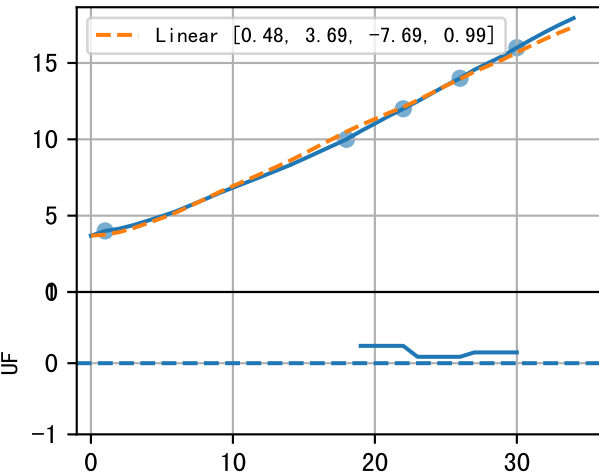
G3-3-35-56



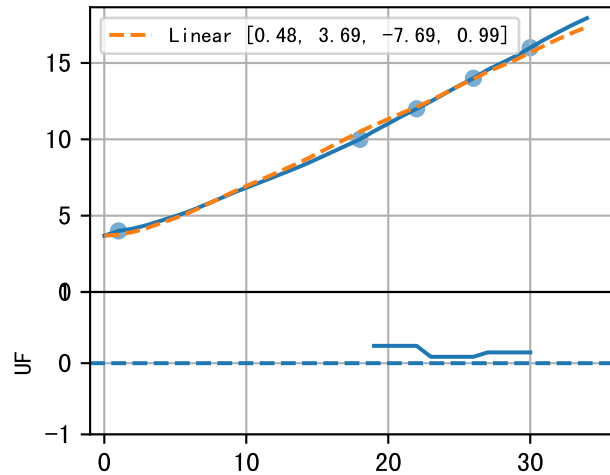
G3-3-51-72



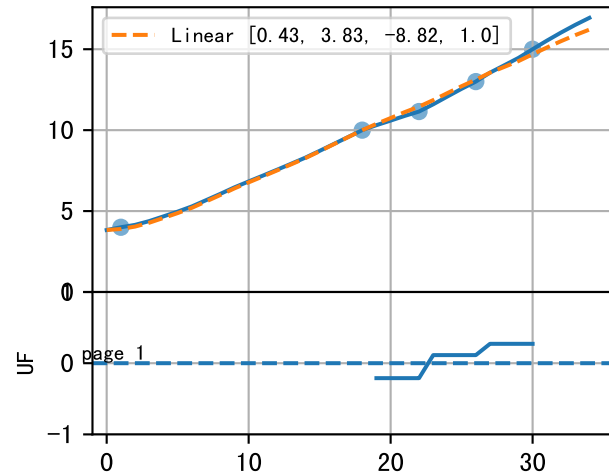
G3-3-62-31



G3-3-76-11

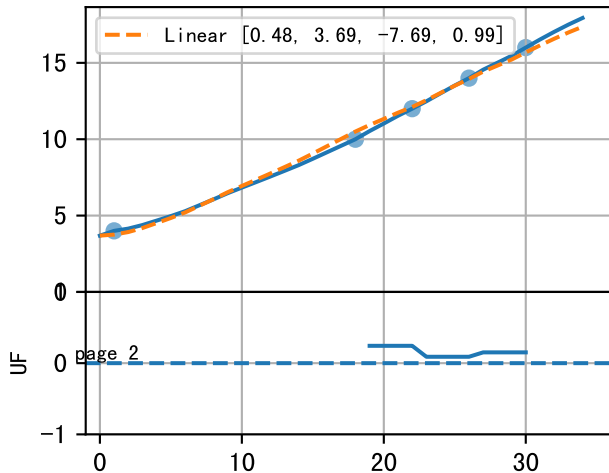


G3-3-90-9



G3-3-91-23

LfN

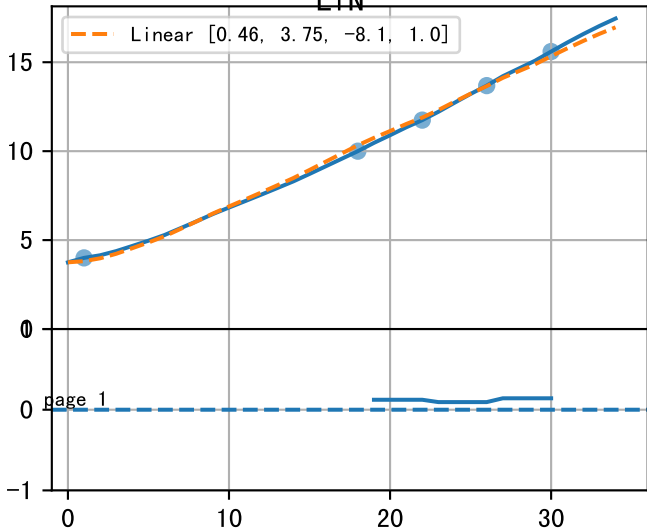


G3-3avg
Lfn

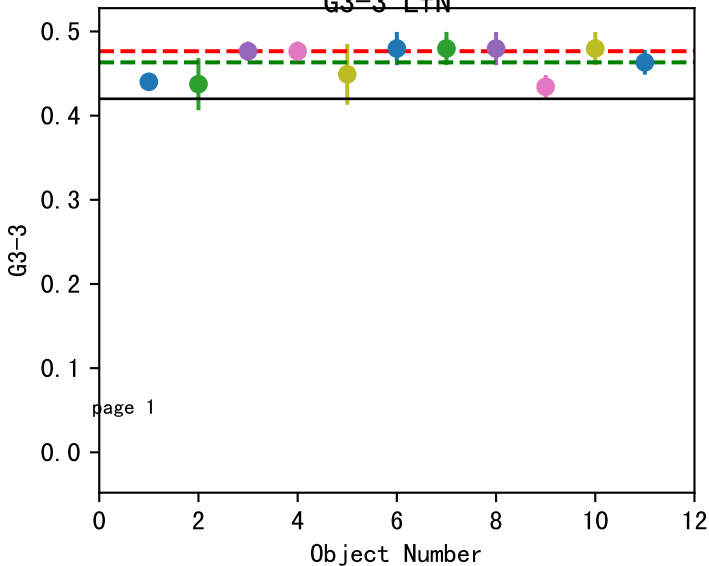
Linear [0.46, 3.75, -8.1, 1.0]

UF

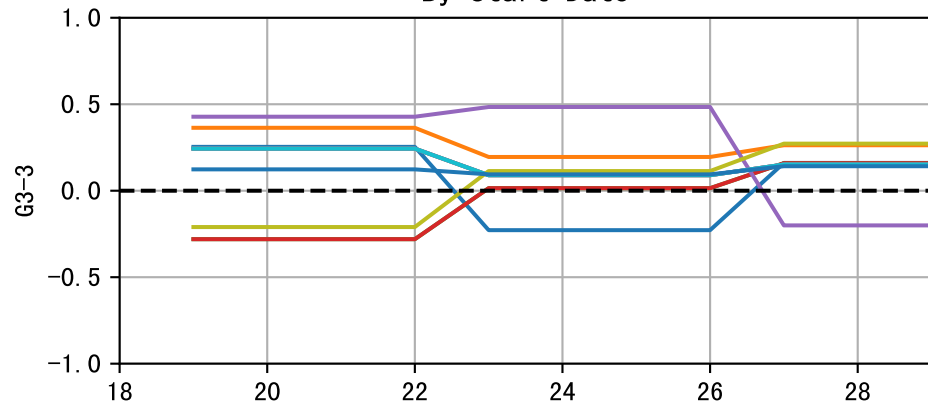
page 1



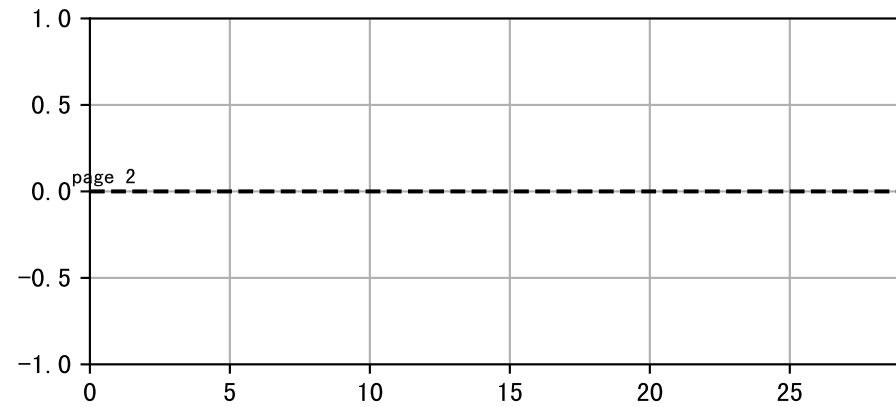
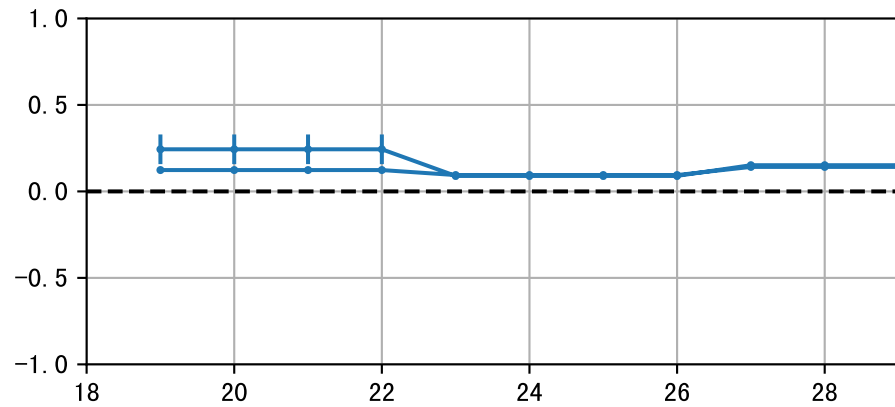
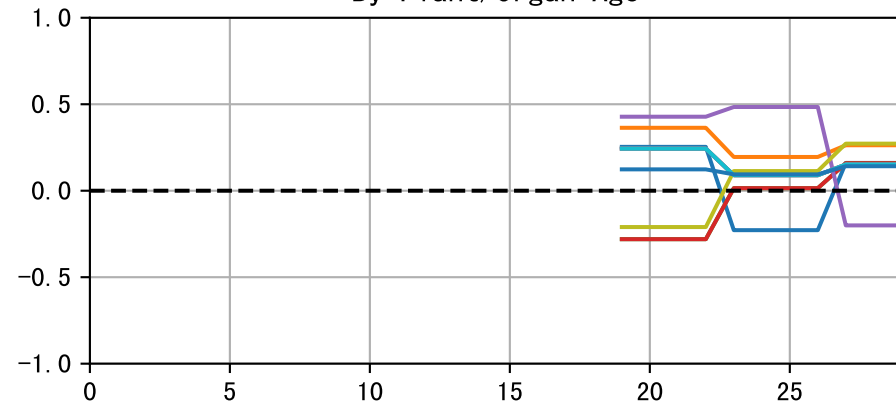
a (Def=0.42 Set=0.46)
 avg1=0.48 $\sim$ 4% avg2=0.46 $\sim$ 10%
 G3-3 LFN



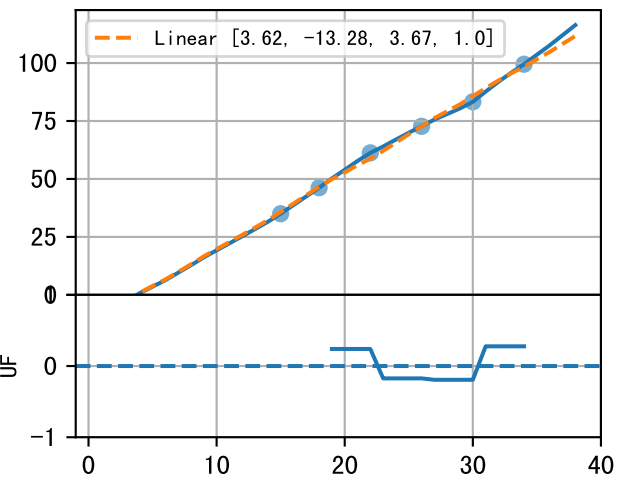
By Start Date



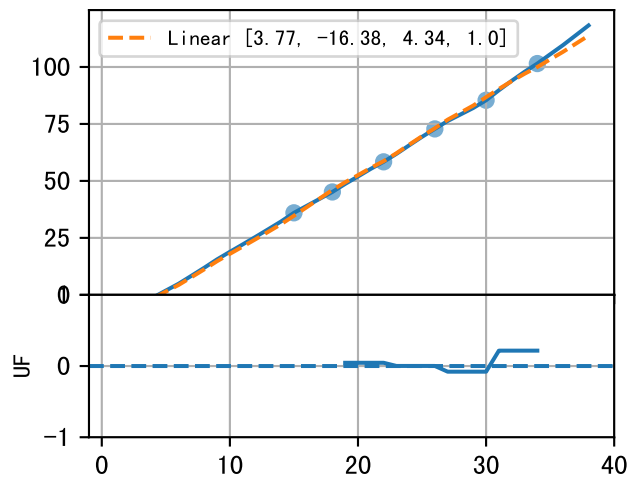
By Plant/Organ Age



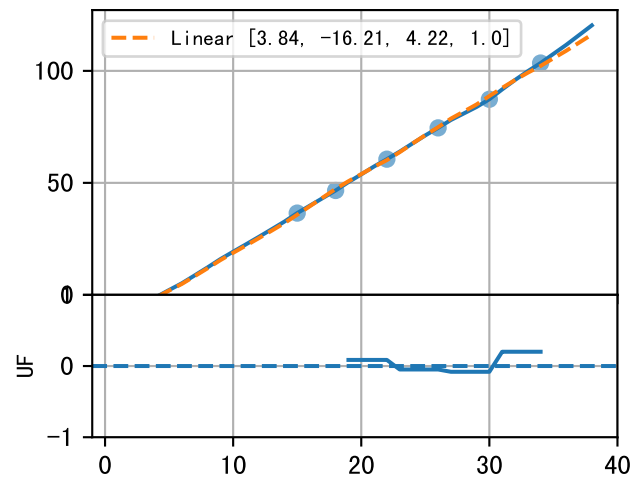
G3-3-08-22



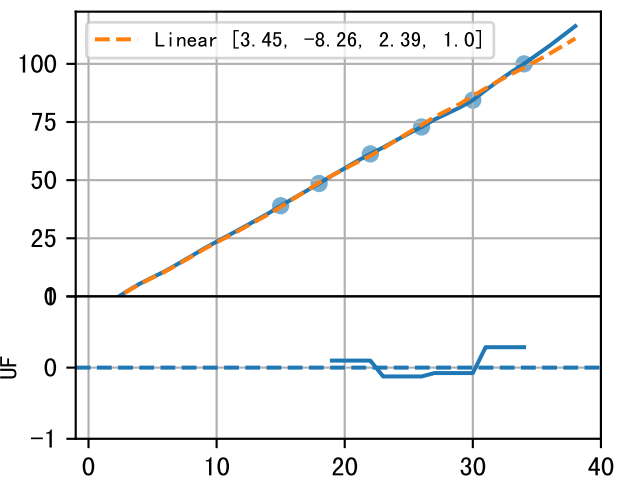
G3-3-105-44



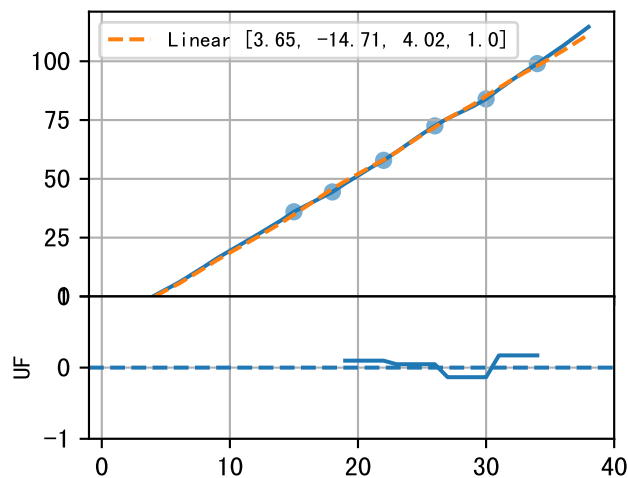
G3-3-112-4



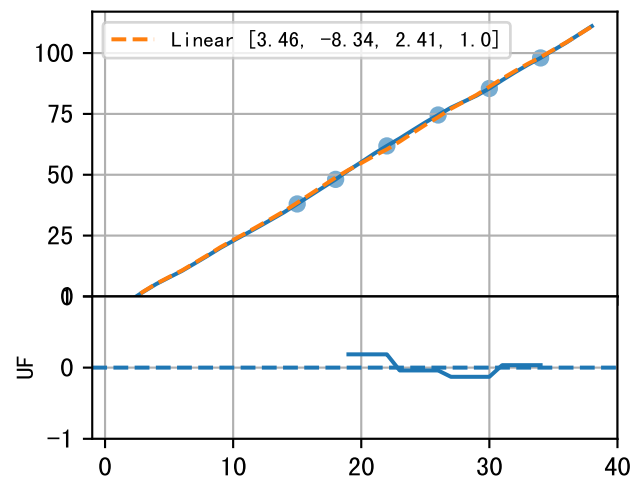
G3-3-12-39



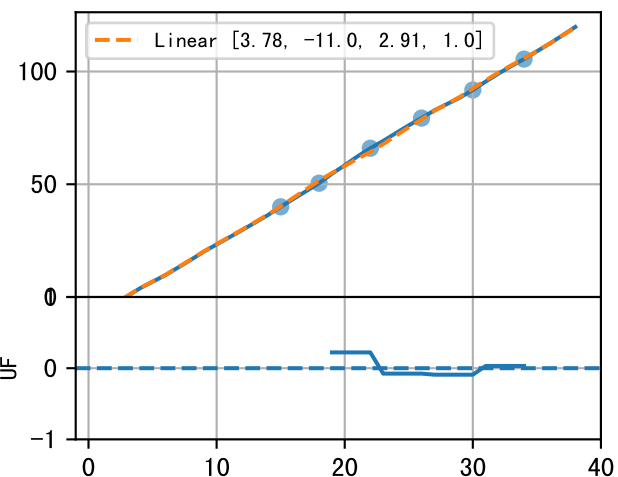
G3-3-35-56



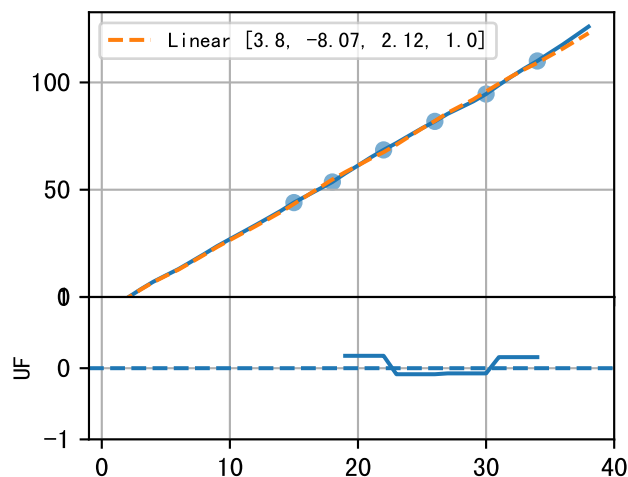
G3-3-51-72



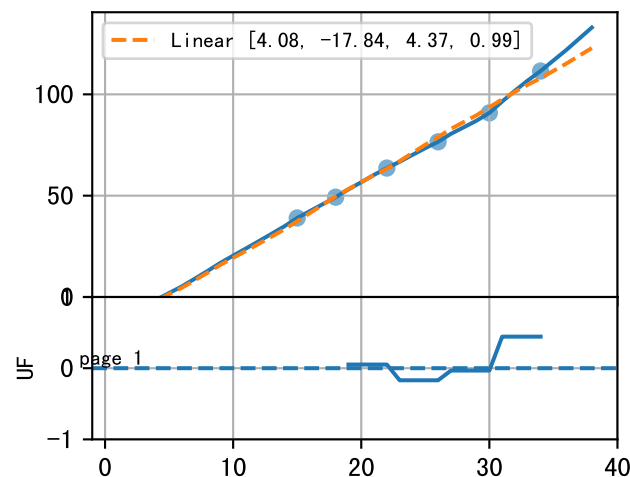
G3-3-62-31



G3-3-76-11

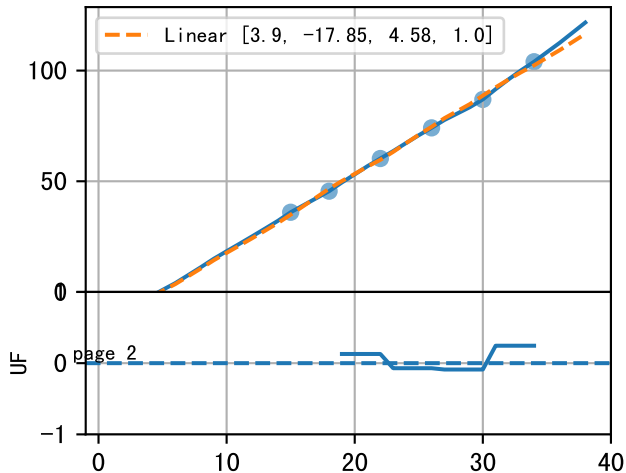


G3-3-90-9

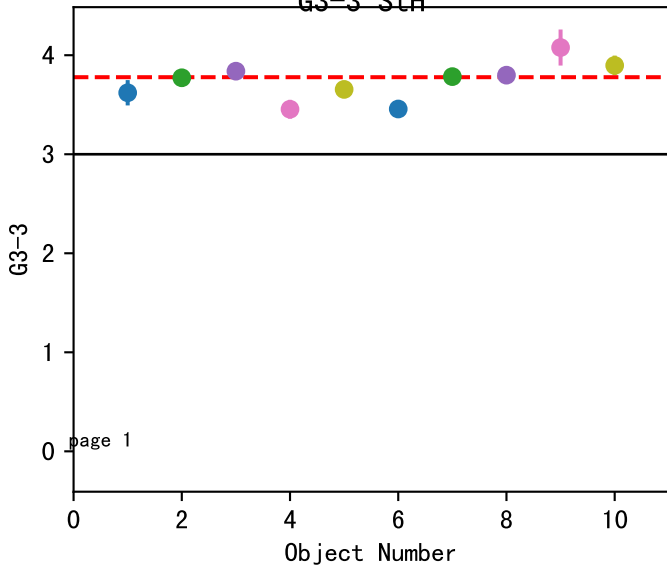


G3-3-91-23

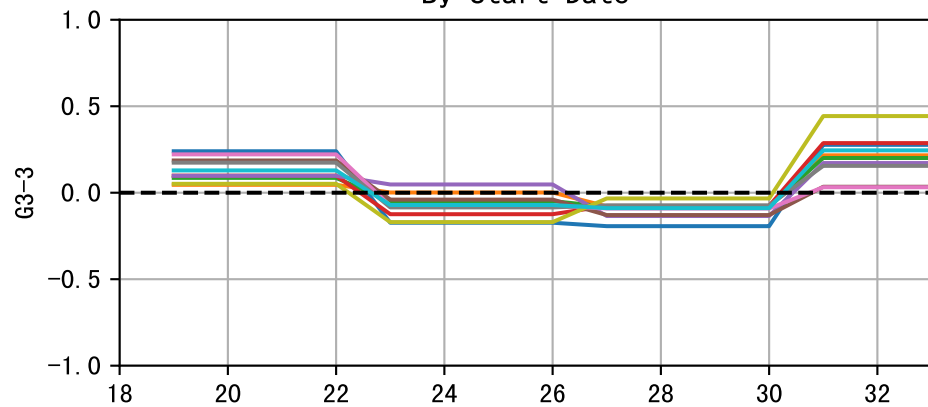
StH



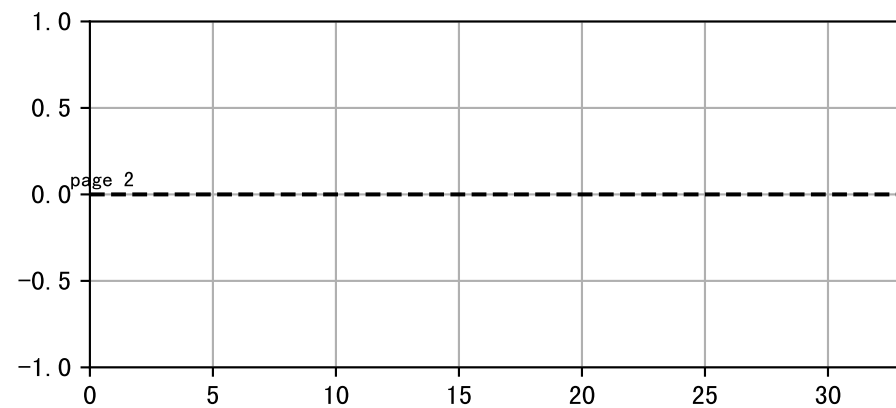
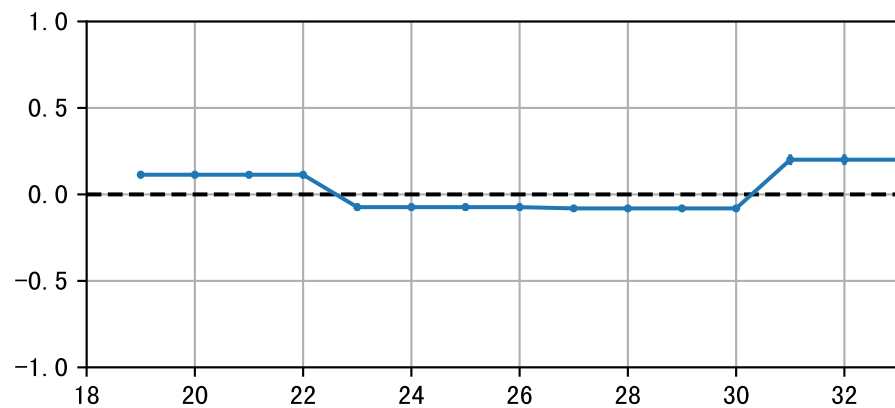
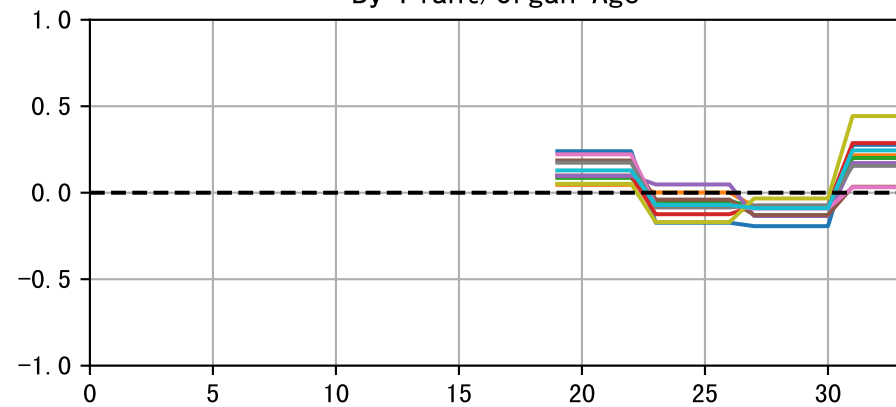
a (Def=3 Set=3.78)
avg1=3.78~5% avg2=na
G3-3 StH



By Start Date



By Plant/Organ Age

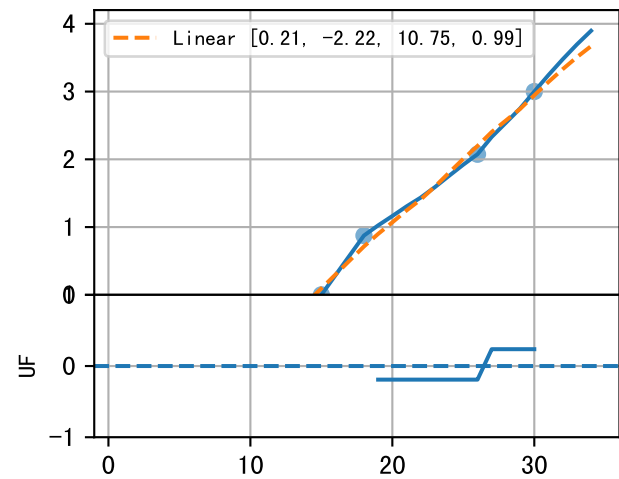
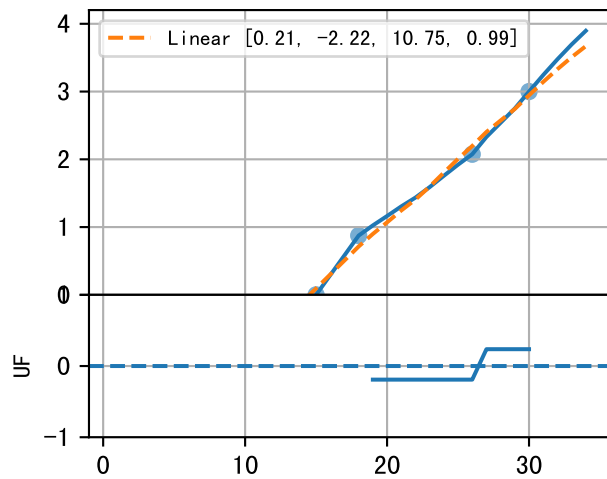
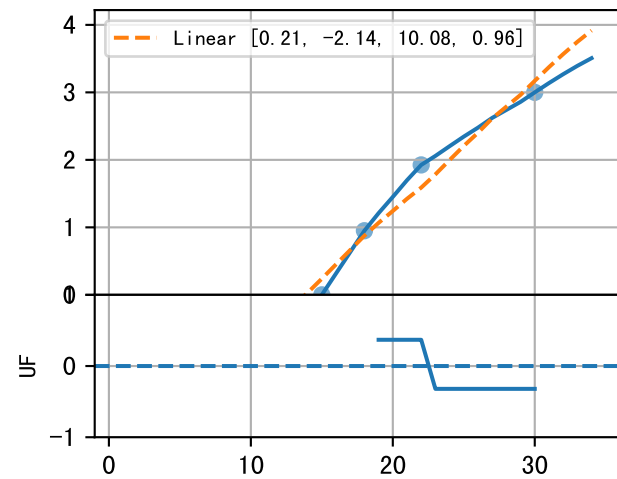


T_{SN}

G3-3-08-22

G3-3-105-44

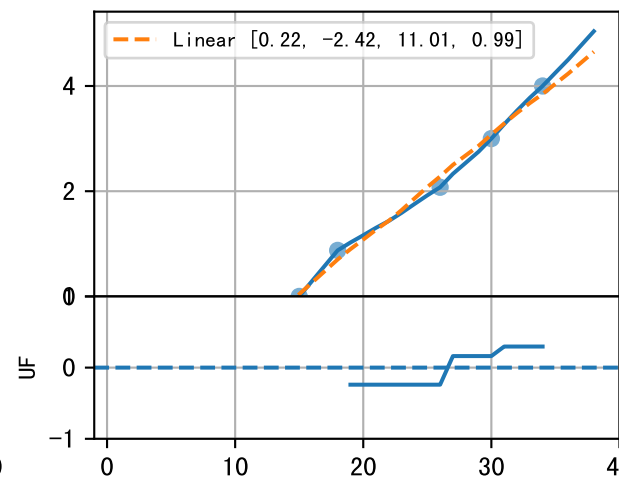
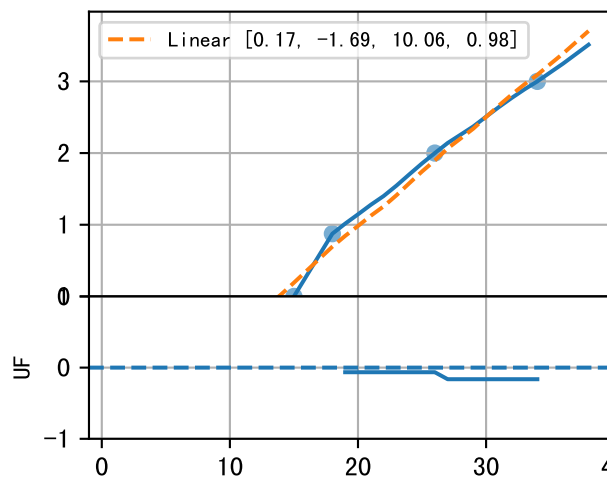
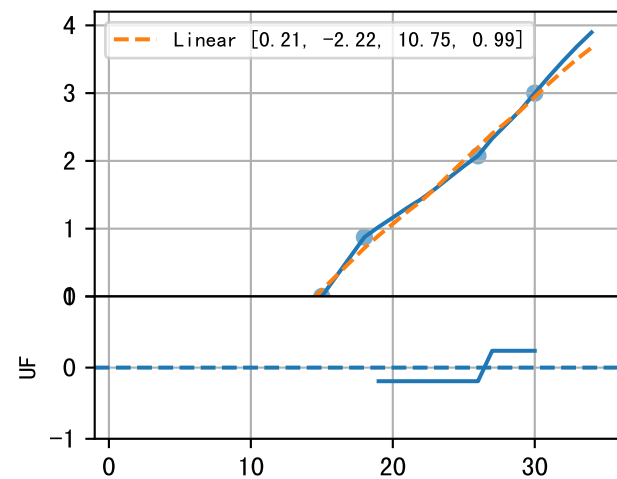
G3-3-112-4



G3-3-12-39

G3-3-35-56

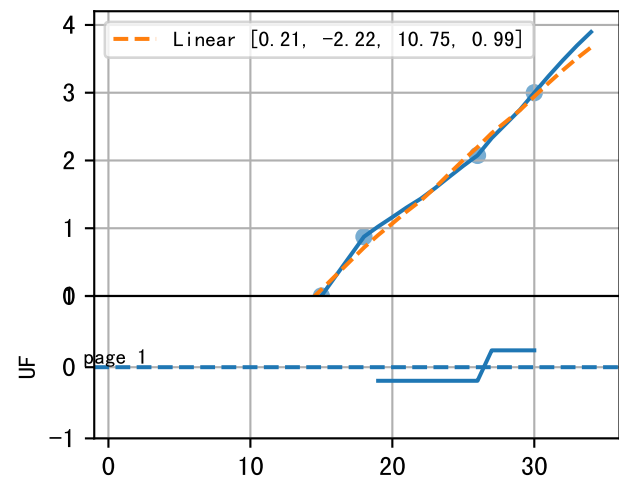
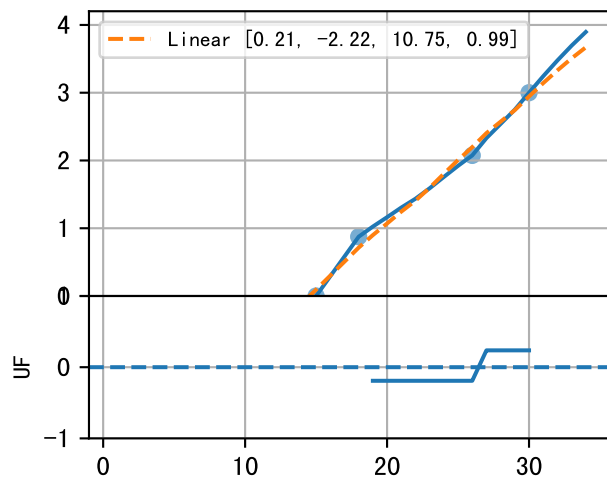
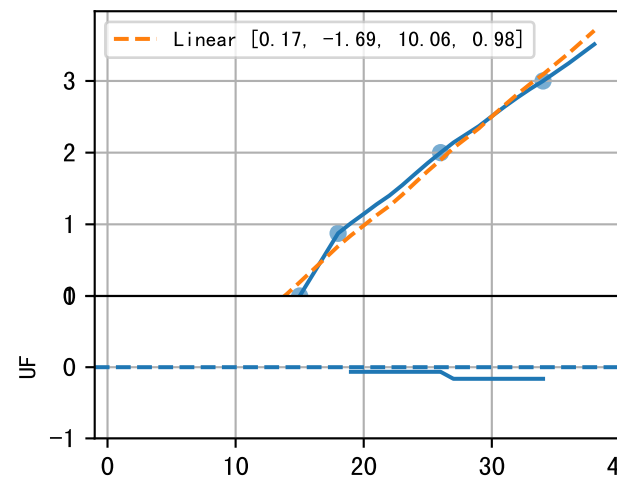
G3-3-51-72



G3-3-62-31

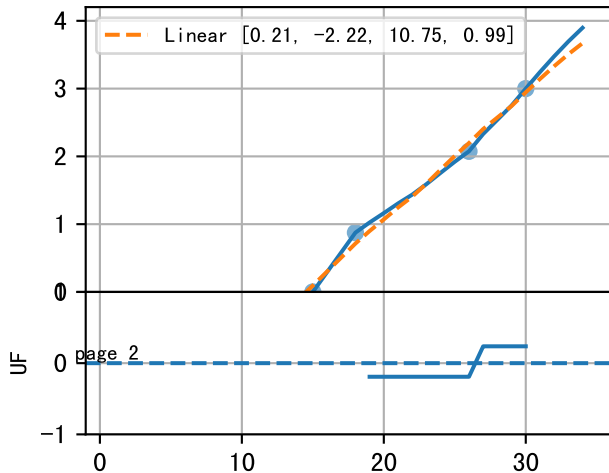
G3-3-76-11

G3-3-90-9



G3-3-91-23

TsN

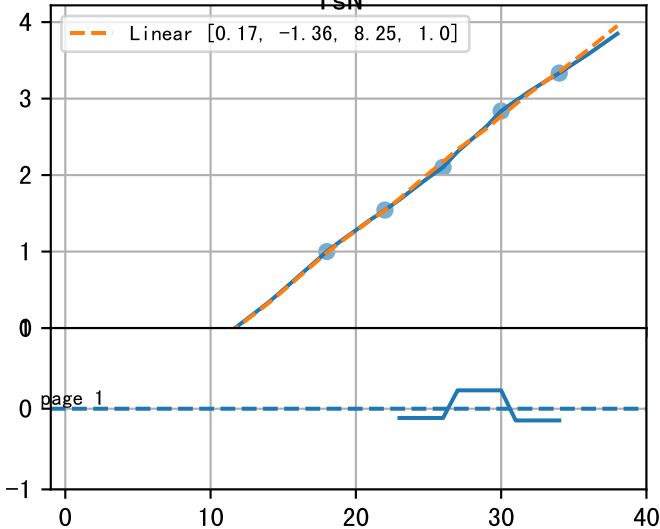


G3-3avg
TSN

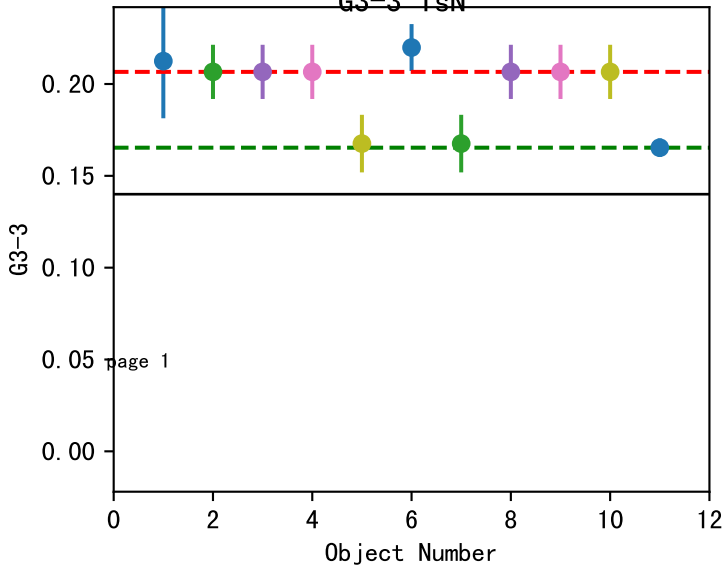
Linear [0.17, -1.36, 8.25, 1.0]

UF

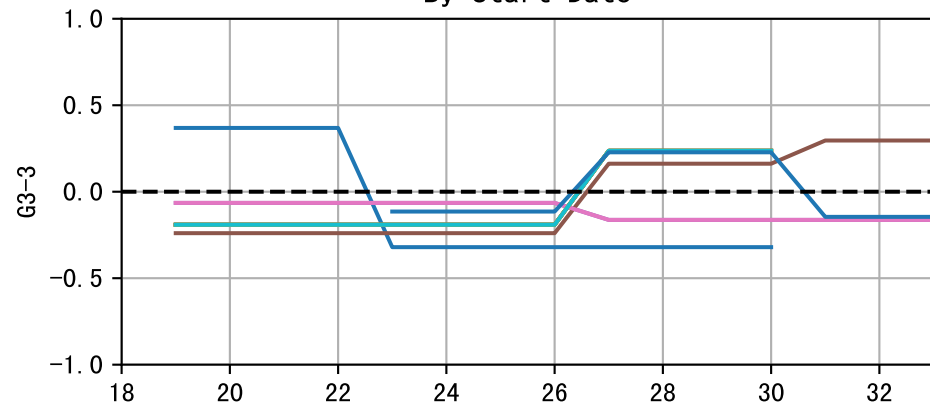
page 1



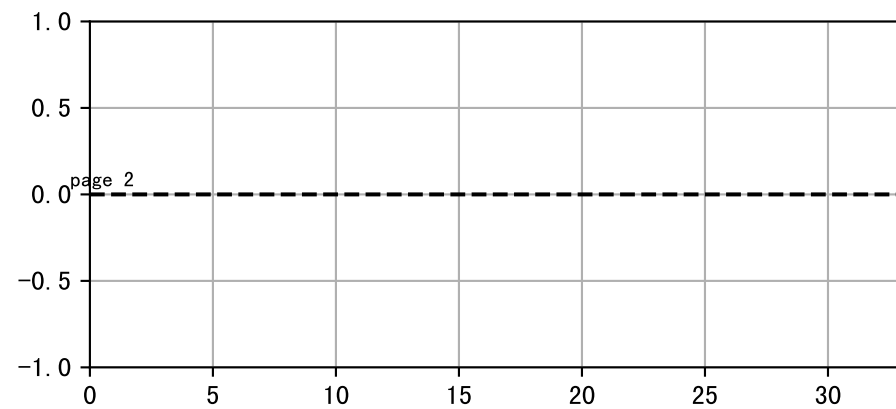
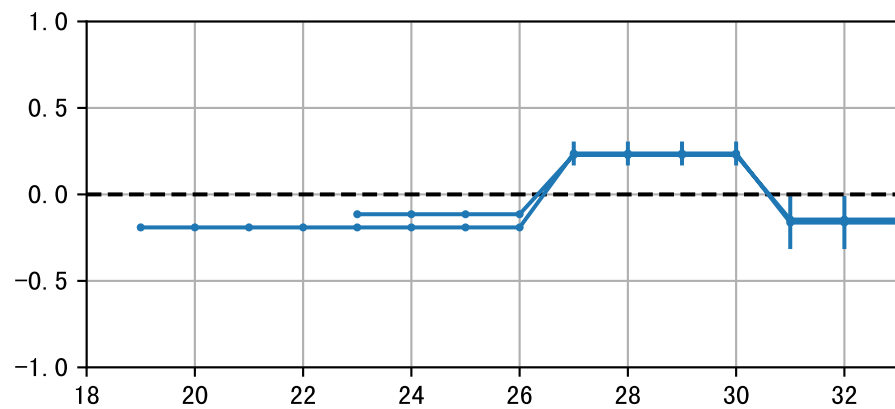
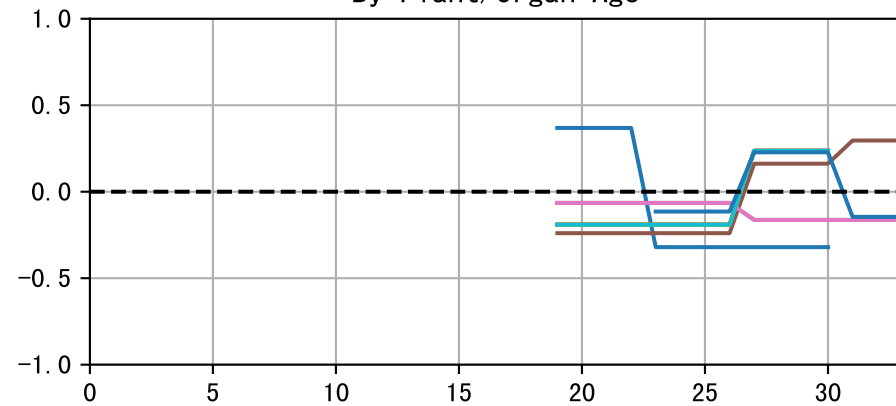
a (Def=0.14 Set=0.17)
avg1=0.21 $\pm$ 0% avg2=0.17 $\pm$ 9%
G3-3 1sN

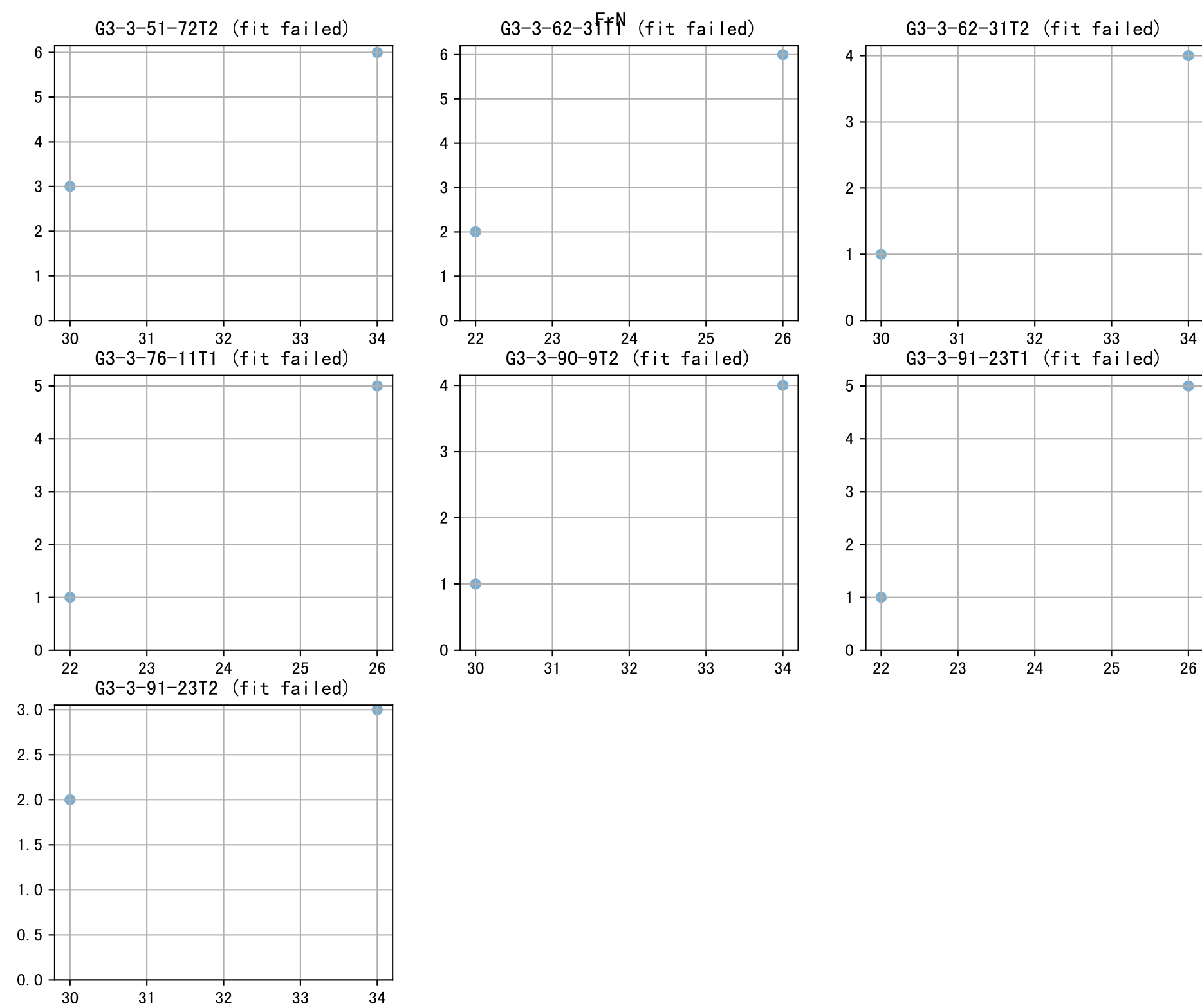


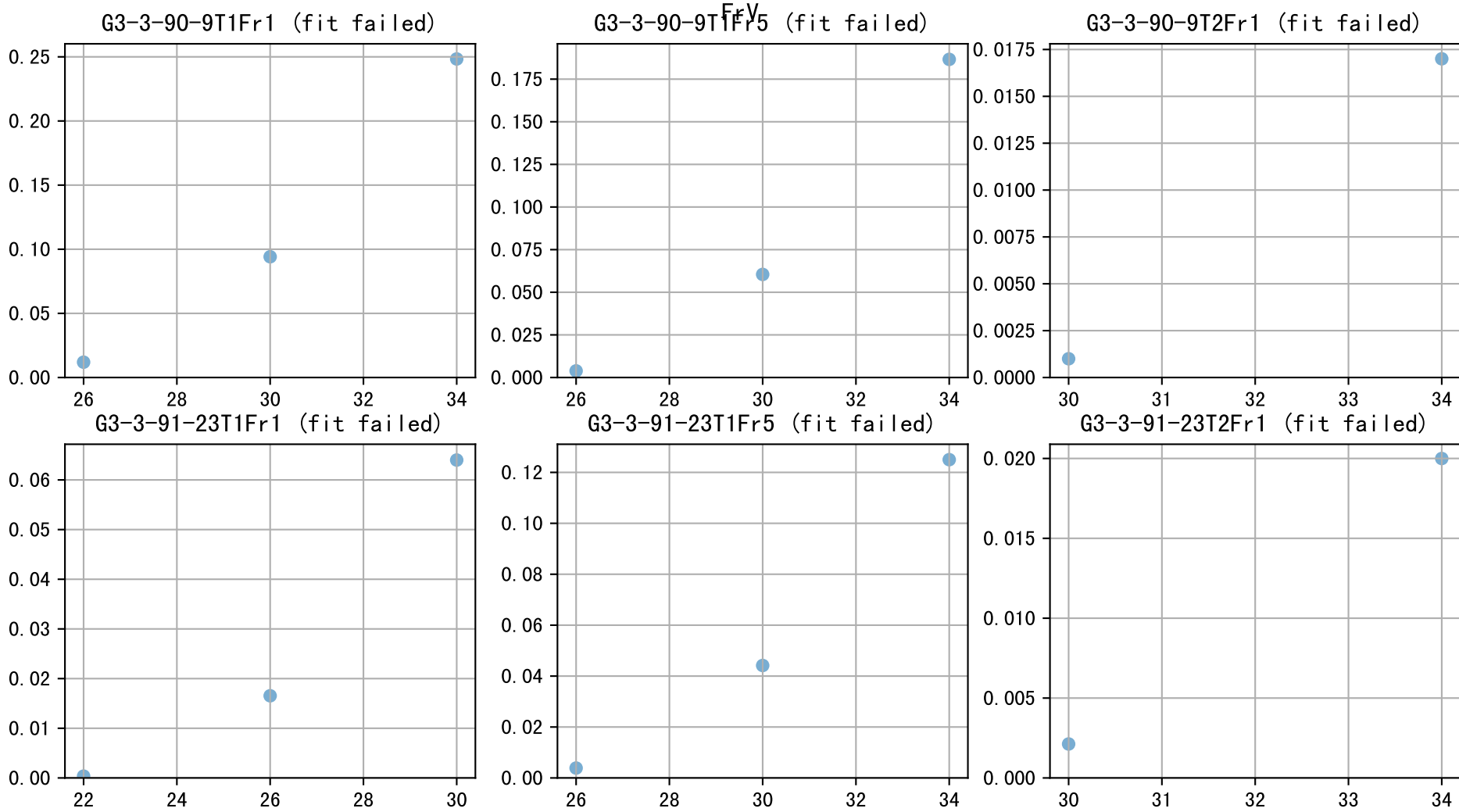
By Start Date



By Plant/Organ Age

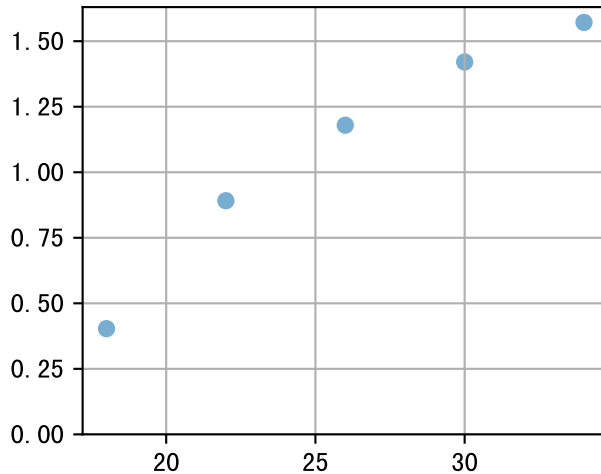


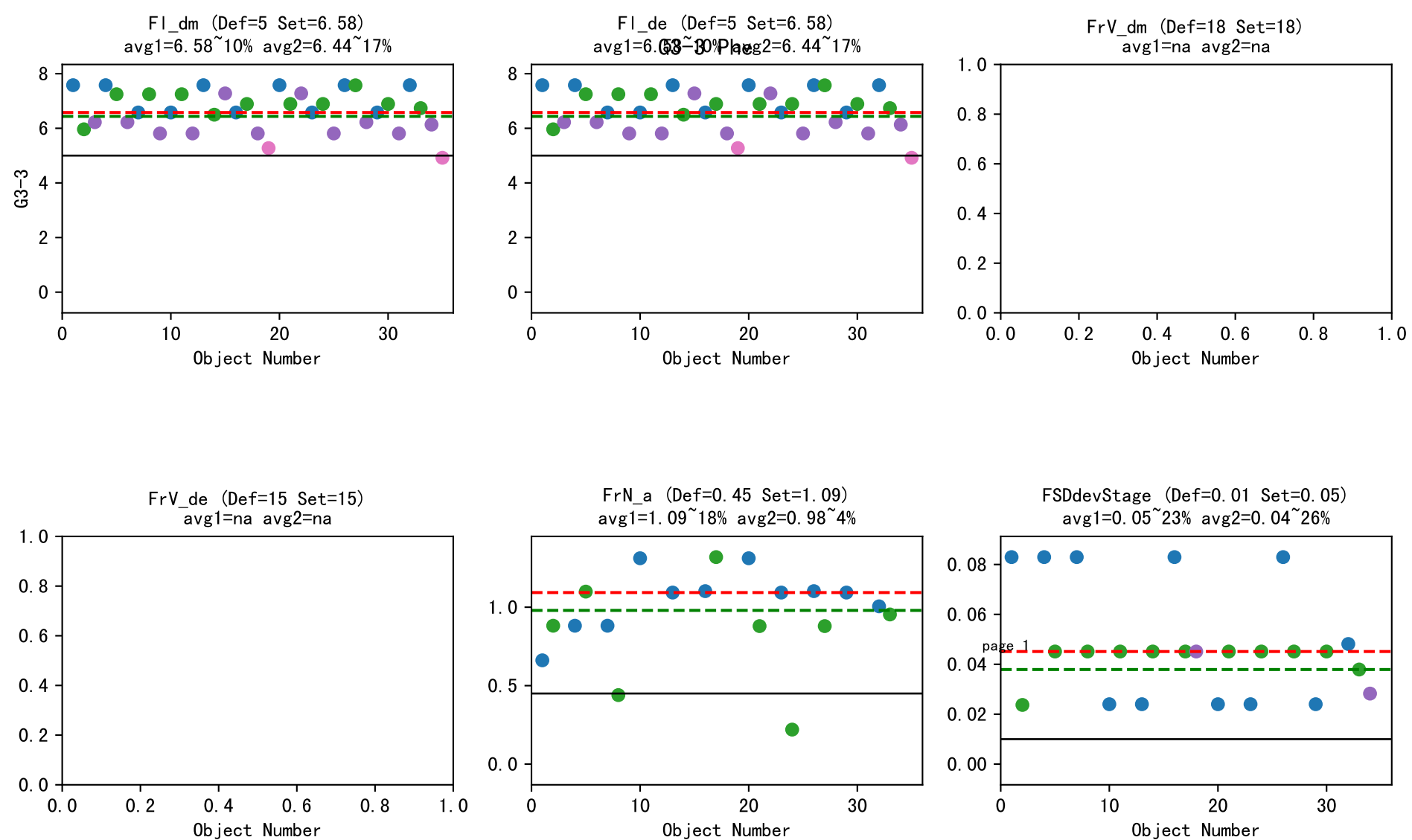


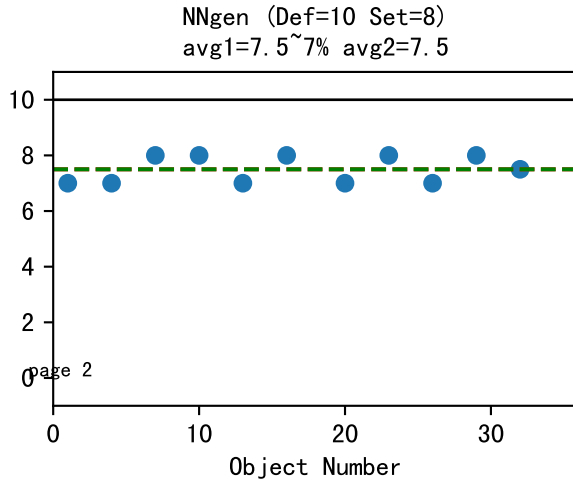
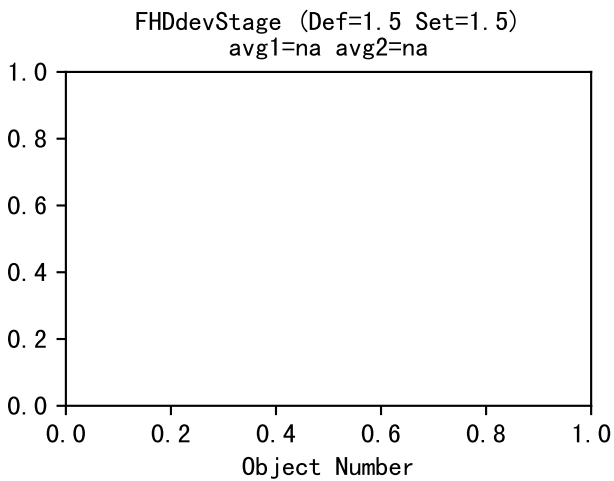
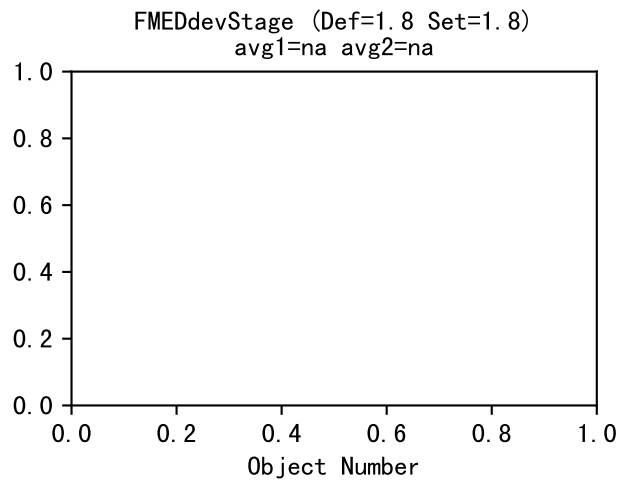
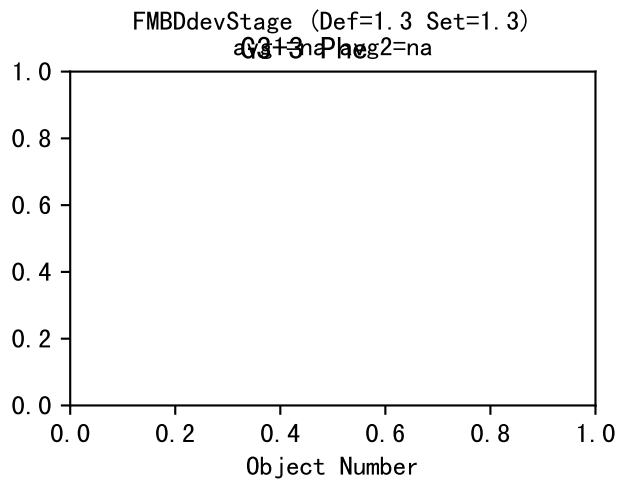
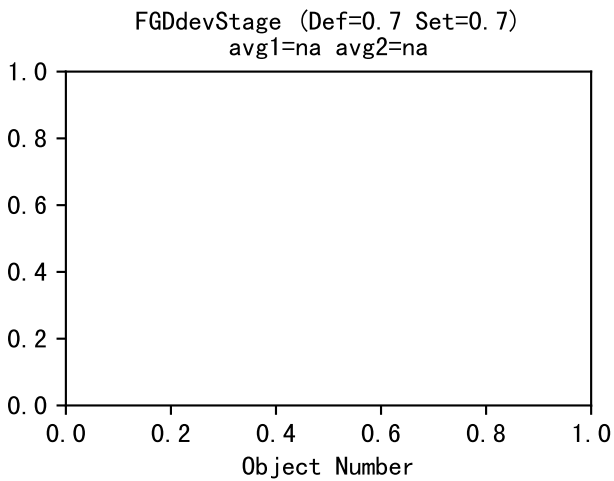


G3-3-91-23L7 (fit failed)

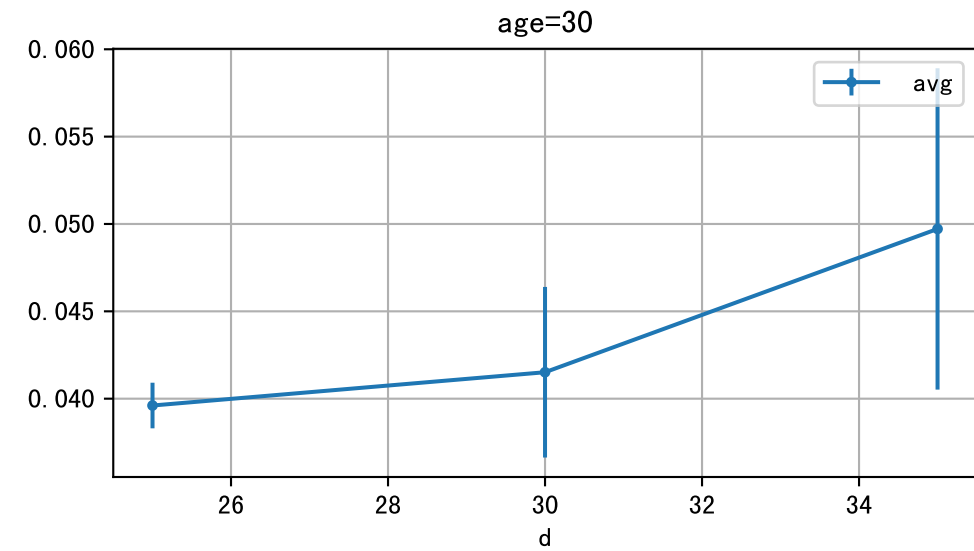
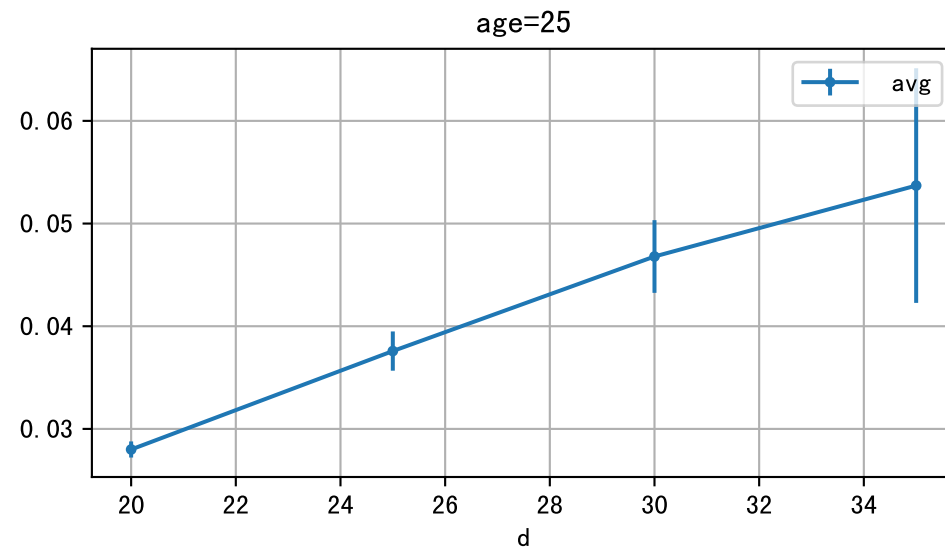
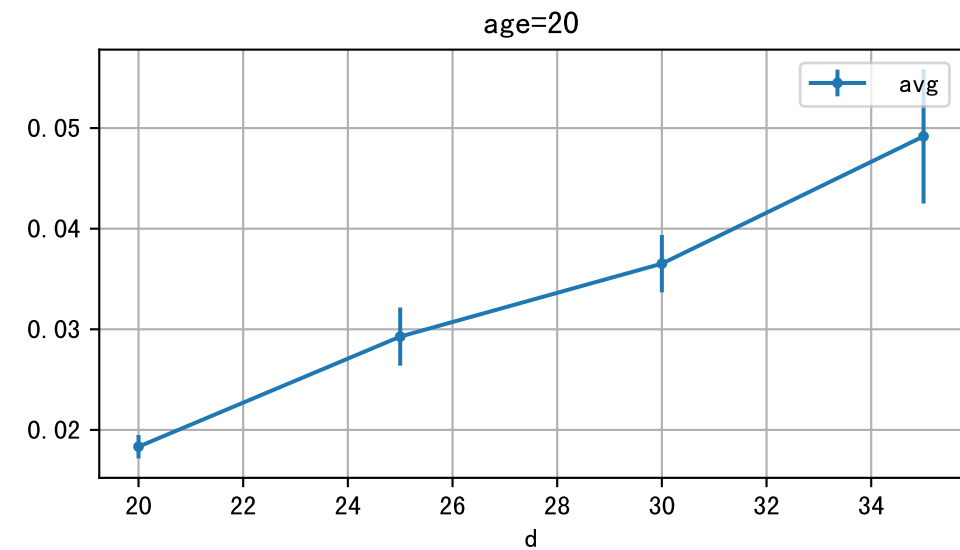
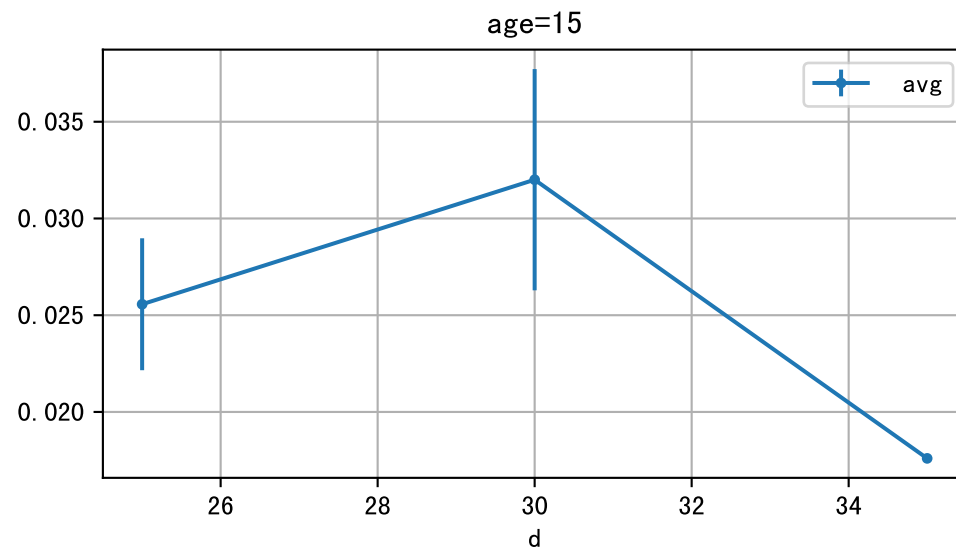
LfA



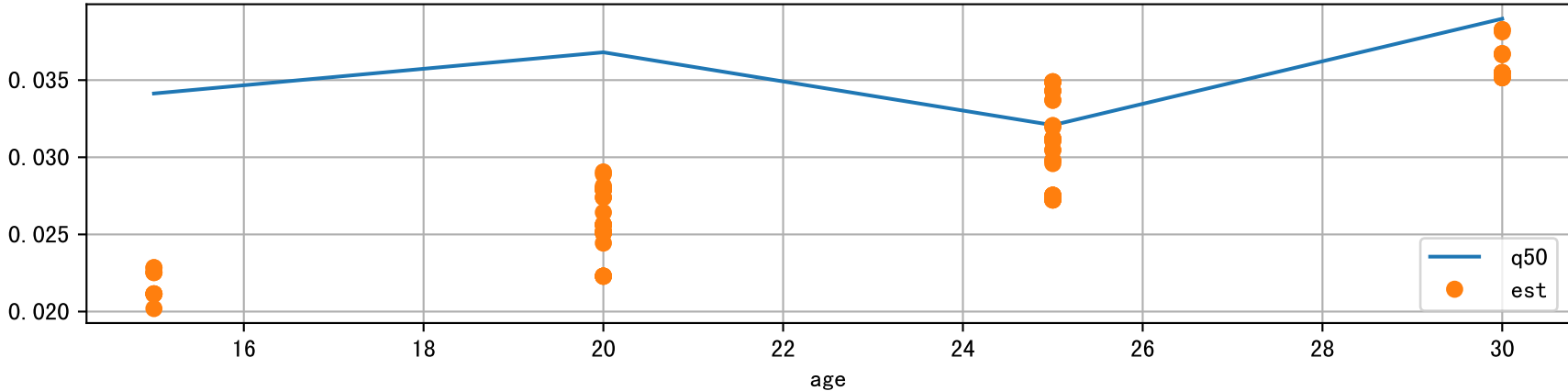




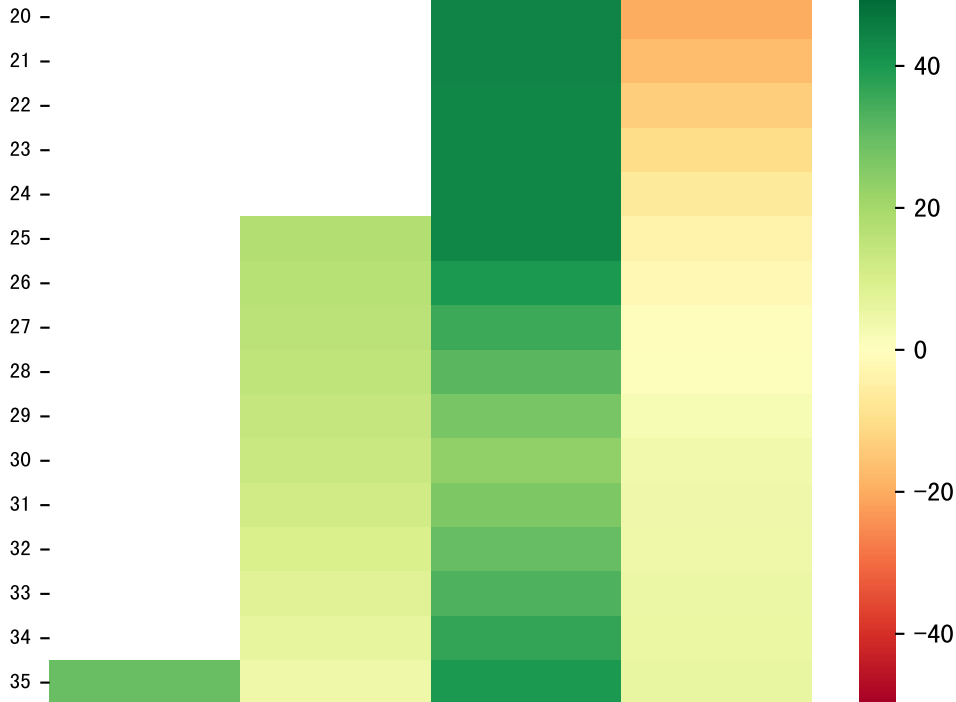
LfA: avg vs. d at each age group



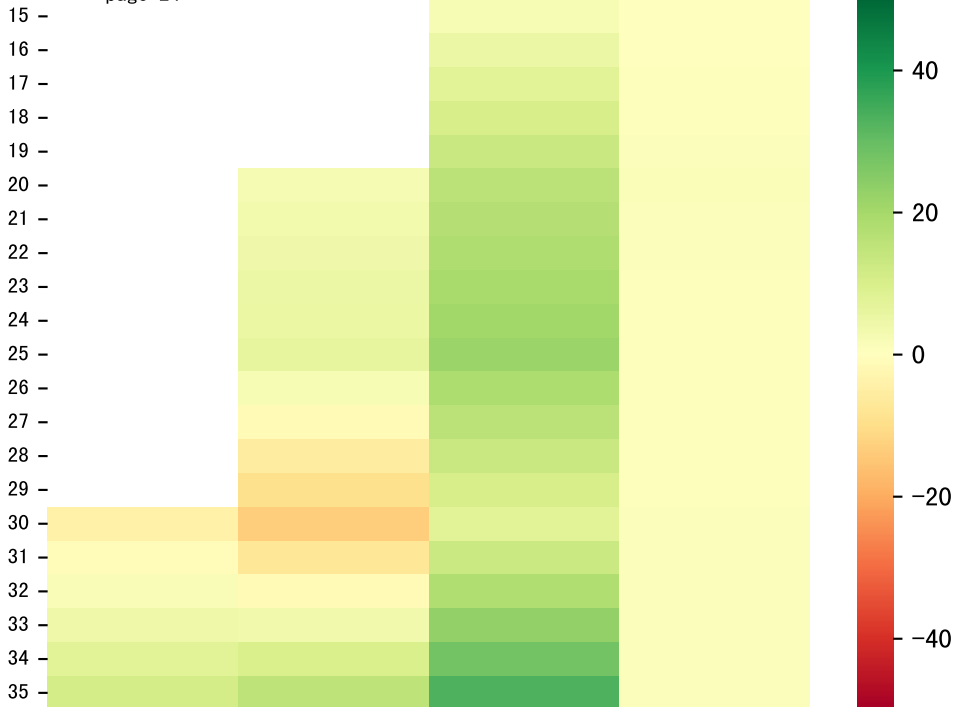
LfA: model est vs obs0v@Q50



d



p



FrV trend at each age
age=15

