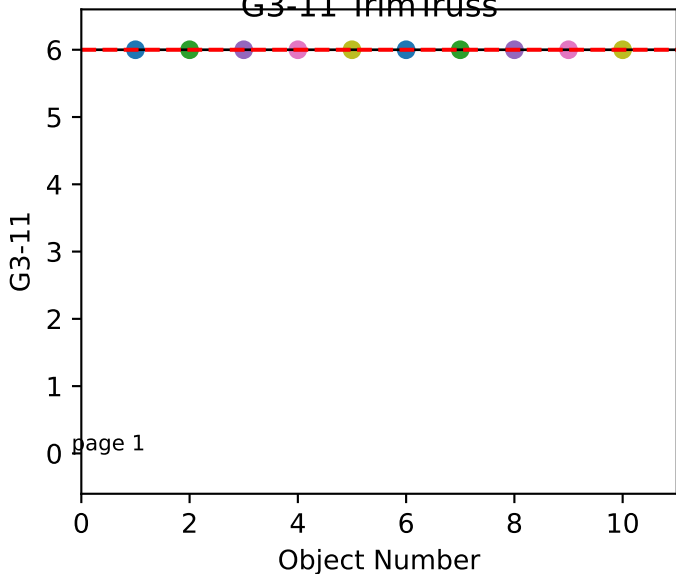


Phenotype Data Analysis Plots
PhenoData day range = 11 - 31
Analysis cutoff day = 31
NC11 G3-11
2025-06-17 (Day 32)

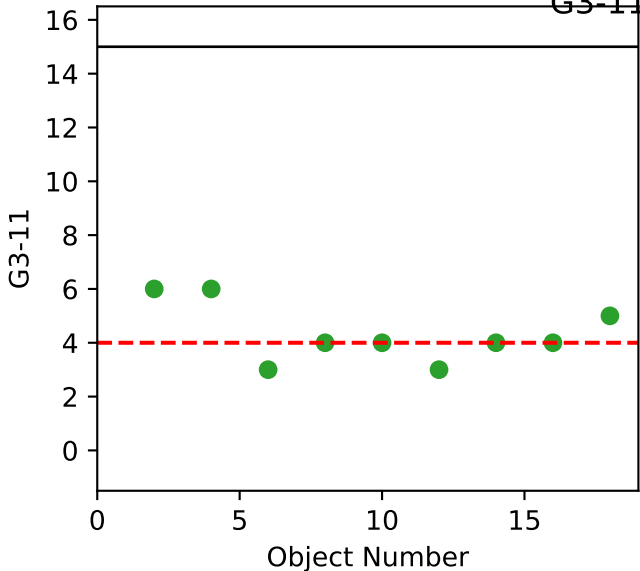
TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0 ~0% avg2=na

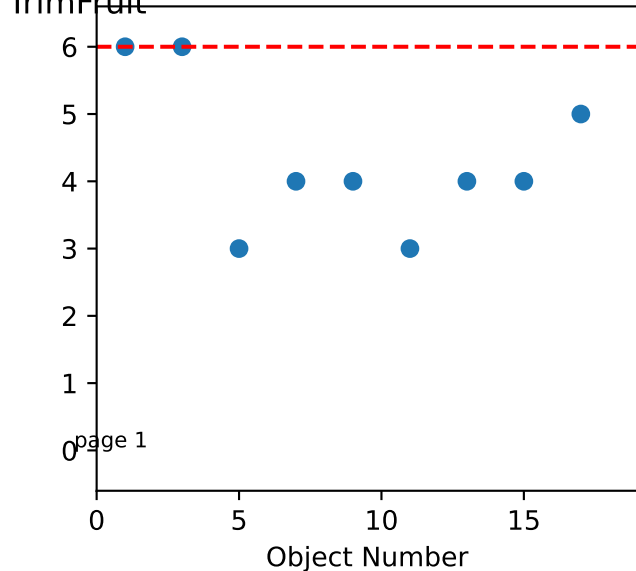
G3-11 TrimTruss



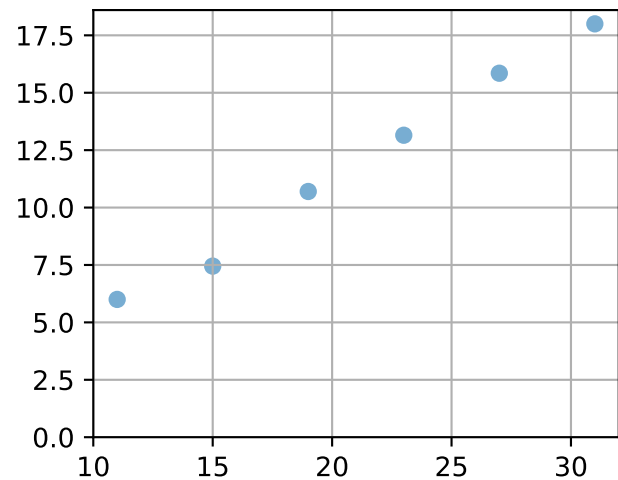
FruitNumAvgPerTruss (Def=15 Set=4)
avg1=4.0~28% avg2=na



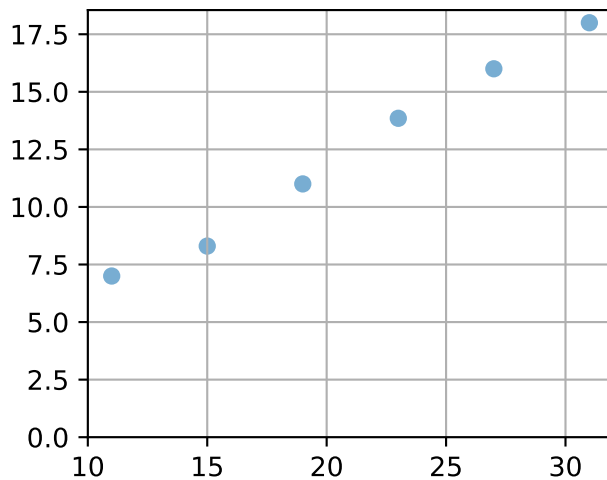
FruitNumMaxPerTruss (Def=na Set=6)
avg1=6.0~19% avg2=na



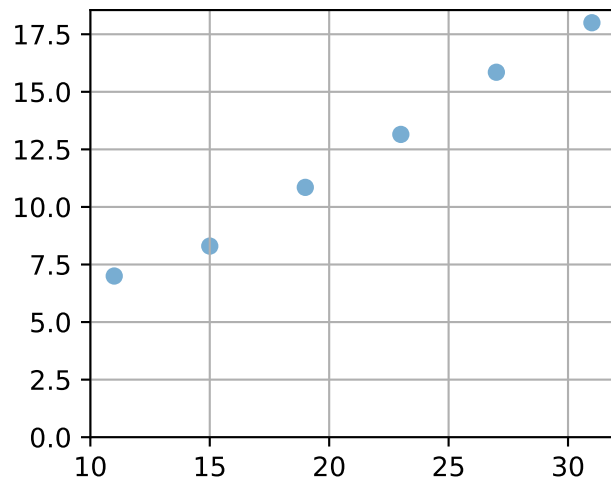
G3-11-07-61 (fit failed)



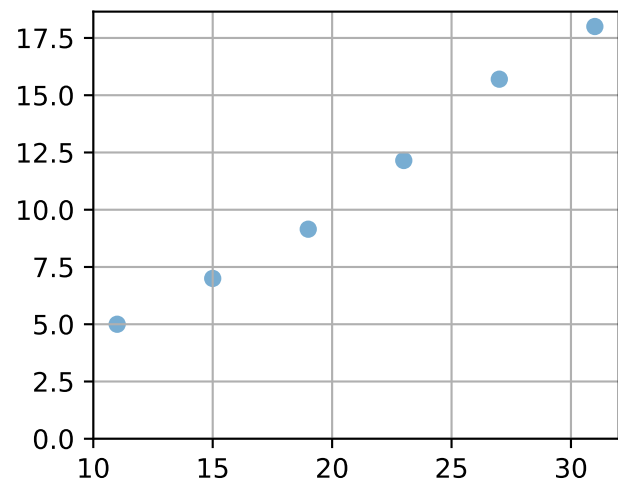
G3-11-108-55 (fit failed)



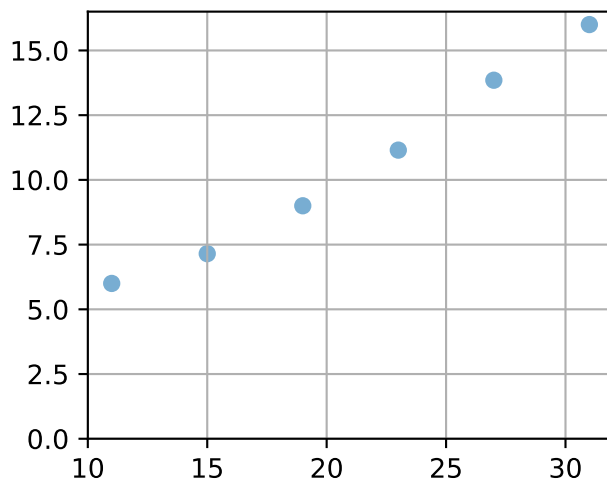
G3-11-11-15 (fit failed)



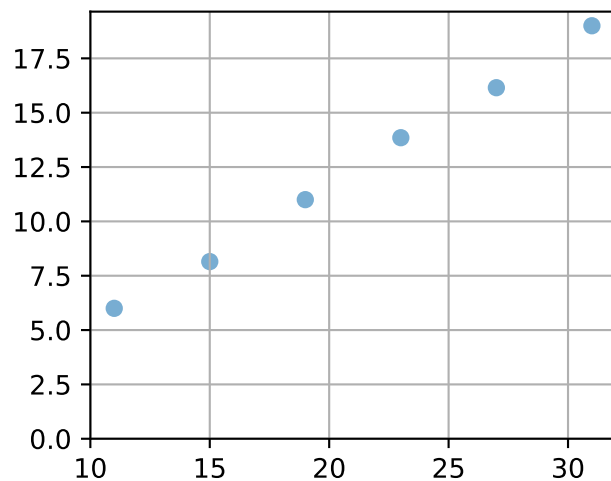
G3-11-111-37 (fit failed)



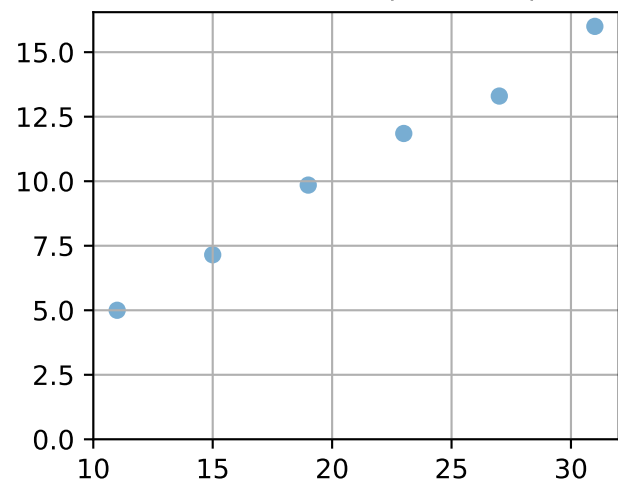
G3-11-34-20 (fit failed)



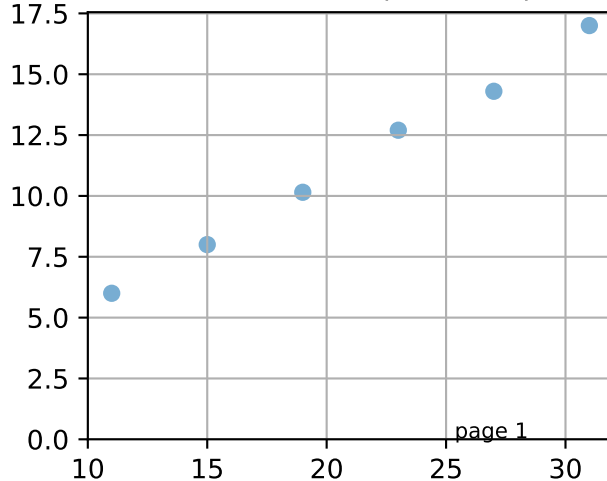
G3-11-45-48 (fit failed)



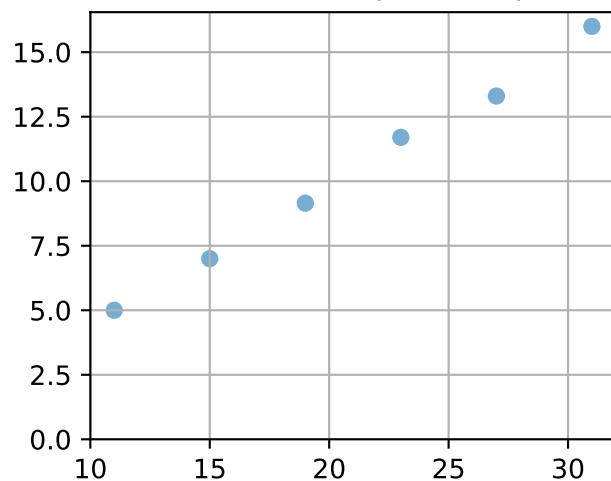
G3-11-57-37 (fit failed)



G3-11-69-66 (fit failed)

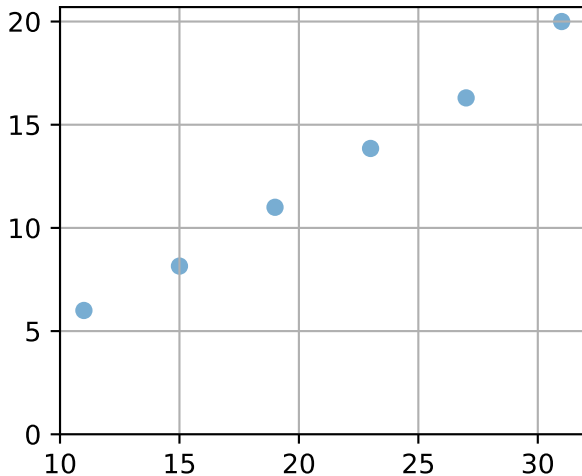


G3-11-85-8 (fit failed)

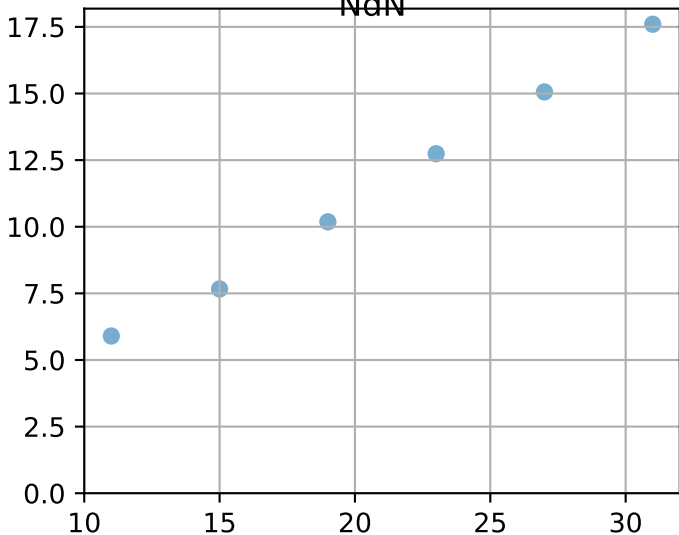


G3-11-93-27 (fit failed)

NdN



G3-11avg (fit failed)

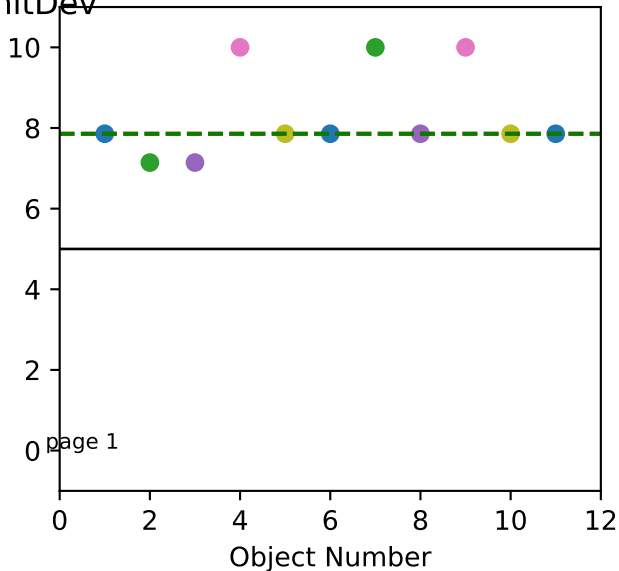
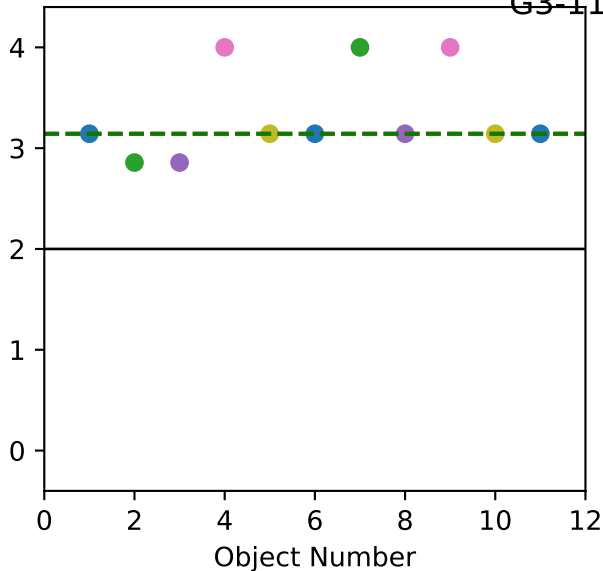


InitDev_dm (Def=2 Set=3.14)
 avg1= $\bar{3.14} \sim 15\%$ avg2=3.14

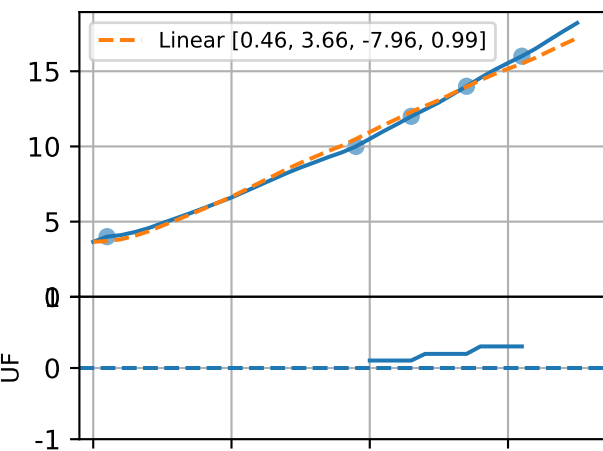
G3-11 InitDev

InitDev_de (Def=5 Set=7.86)
 avg1= $\bar{7.86} \sim 15\%$ avg2=7.86

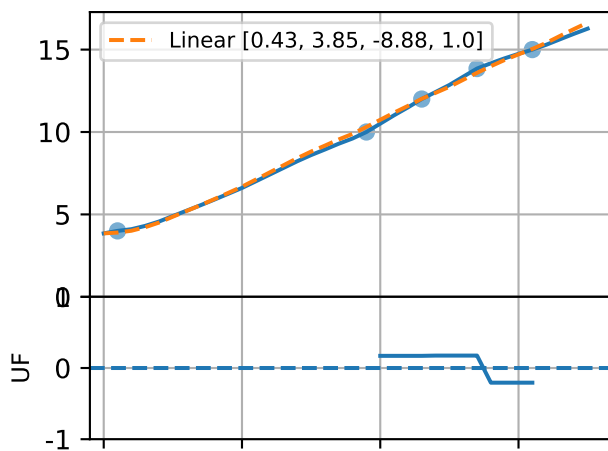
G3-11



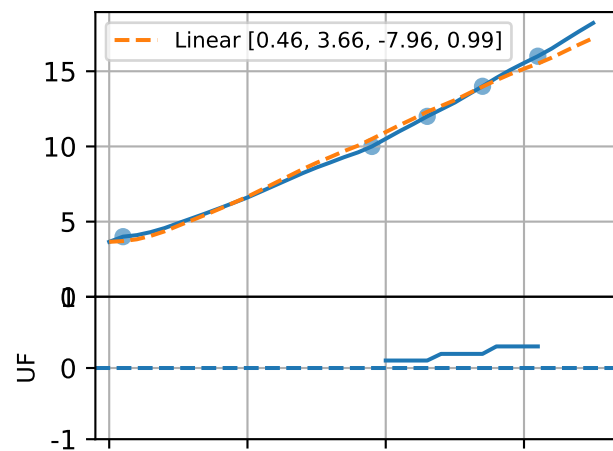
G3-11-07-61



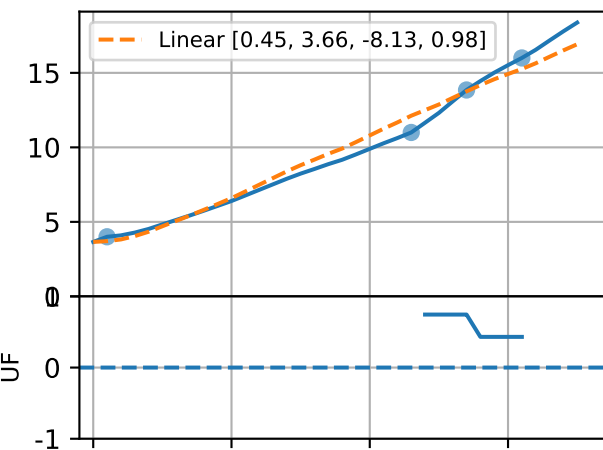
G3-11-108-55



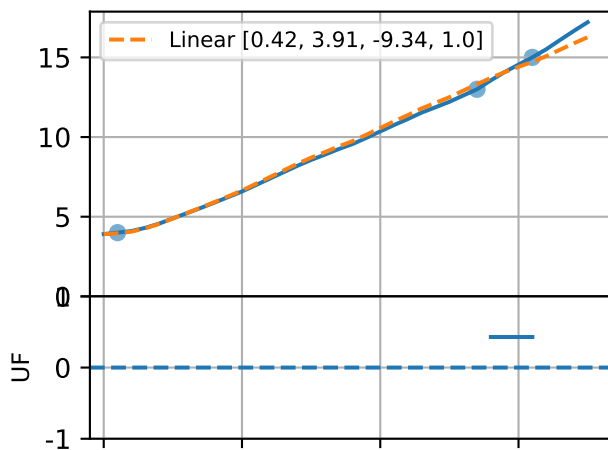
G3-11-11-15



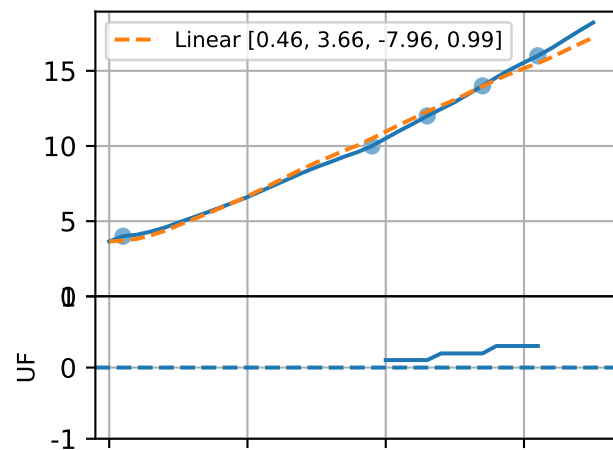
G3-11-111-37



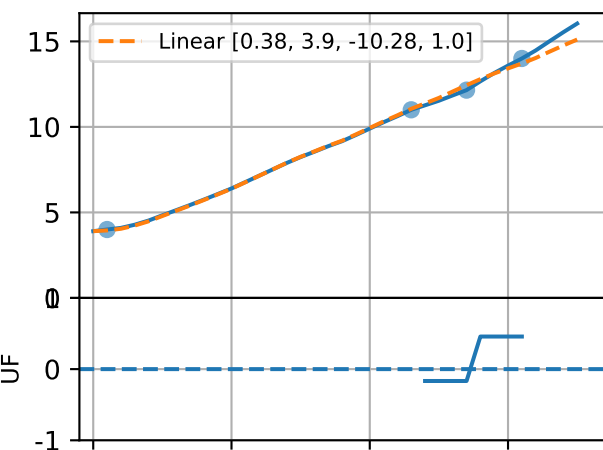
G3-11-34-20



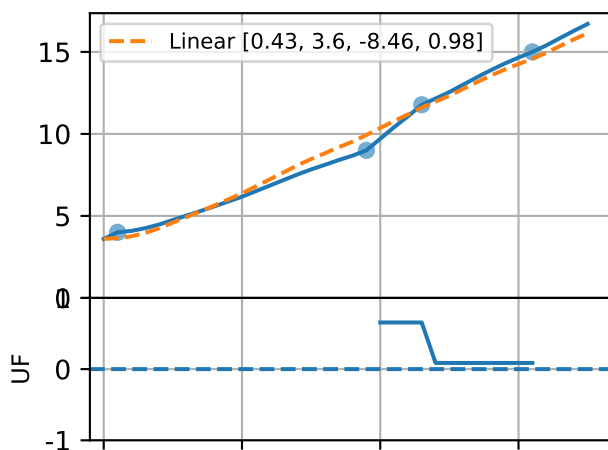
G3-11-45-48



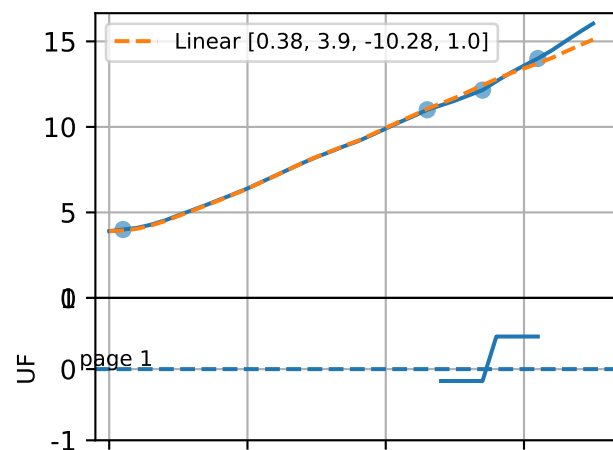
G3-11-57-37



G3-11-69-66

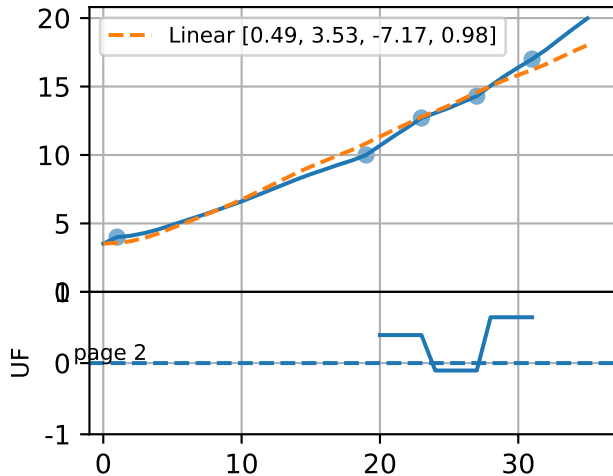


G3-11-85-8

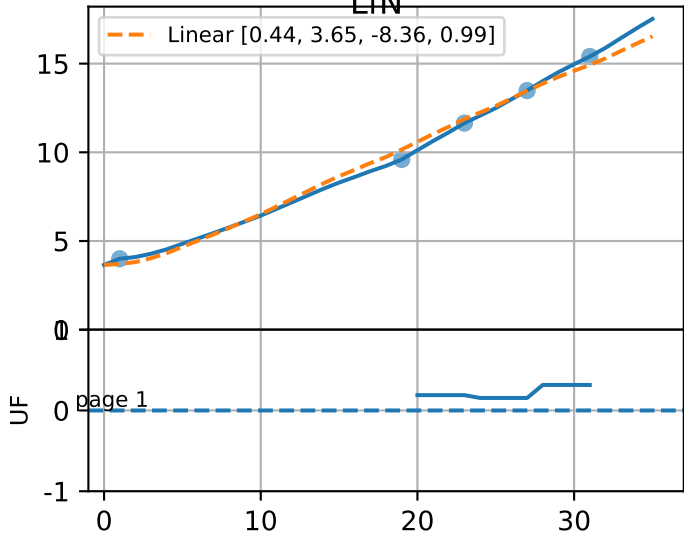


G3-11-93-27

LfN

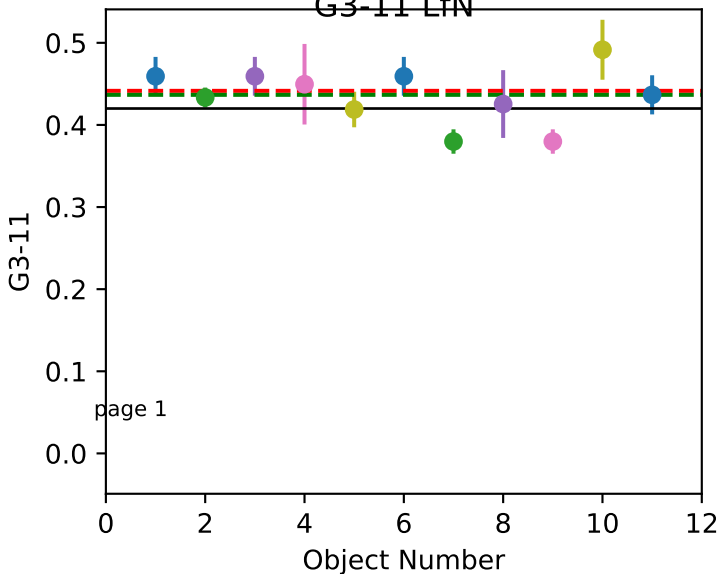


G3-11avg Lfn

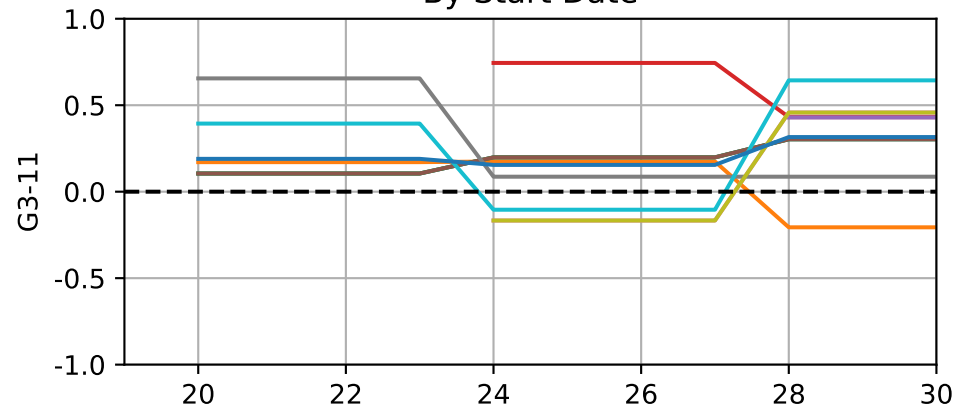


a (Def=0.42 Set=0.44)
avg1=0.44~8% avg2=0.44~17%

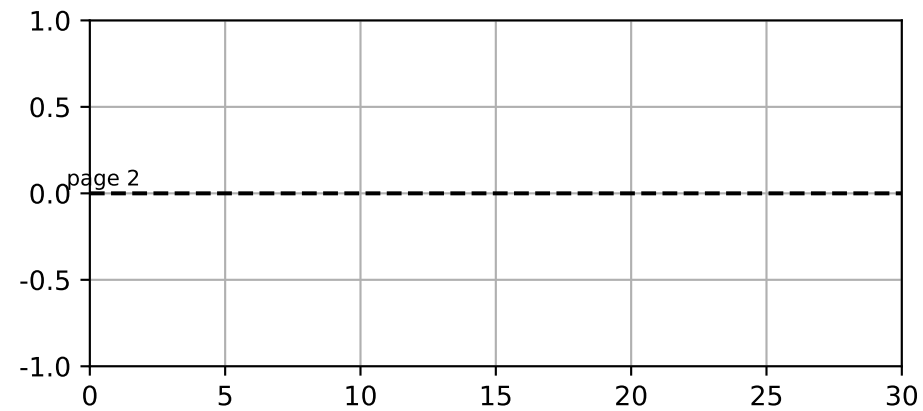
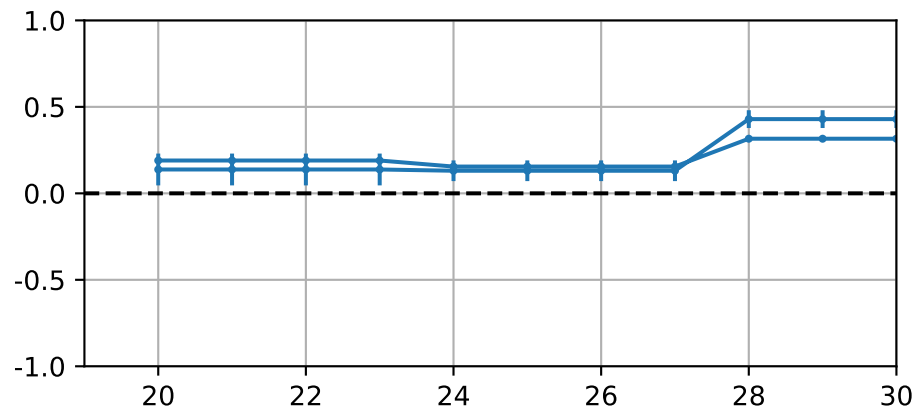
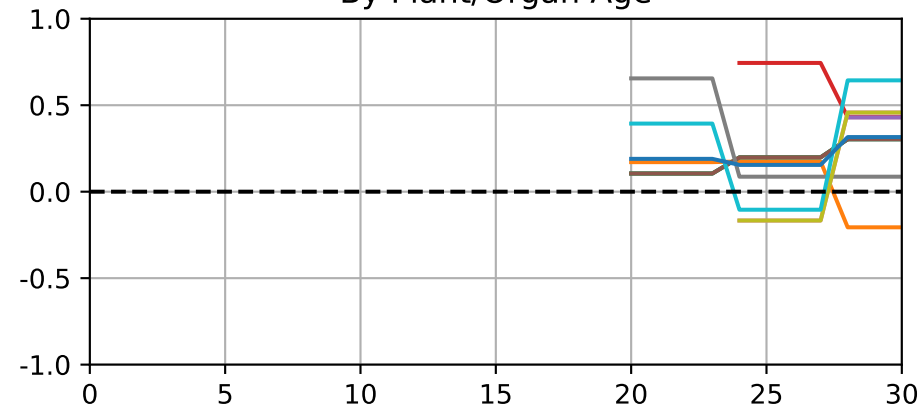
G3-11 LFN



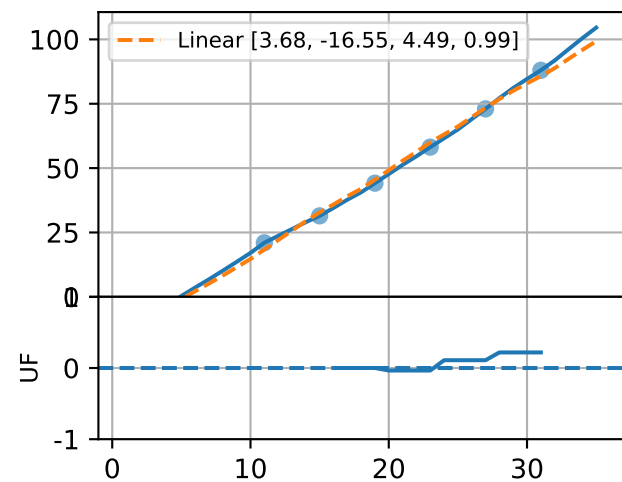
By Start Date



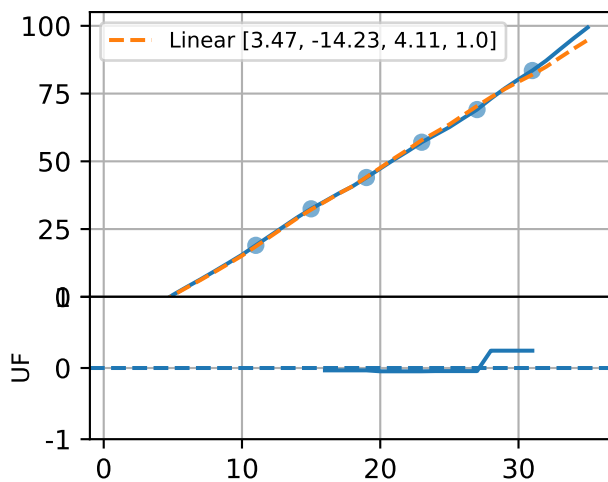
By Plant/Organ Age



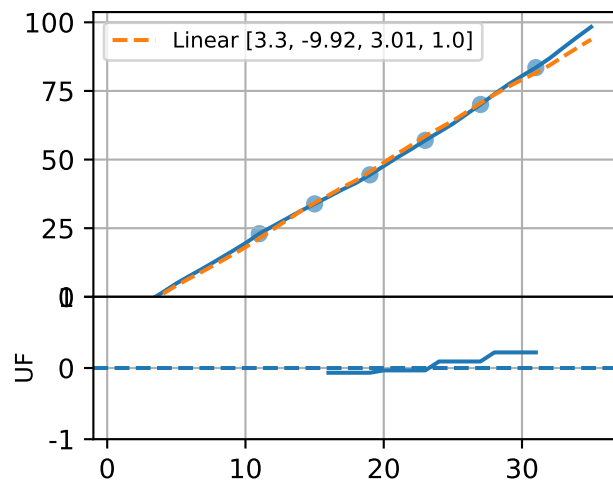
G3-11-07-61



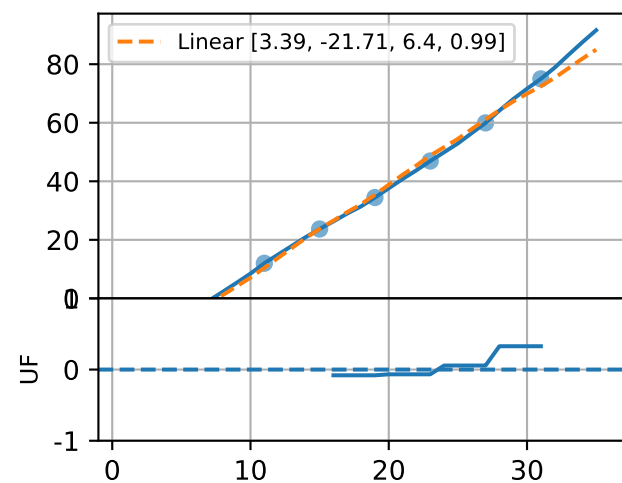
G3-11-08-55



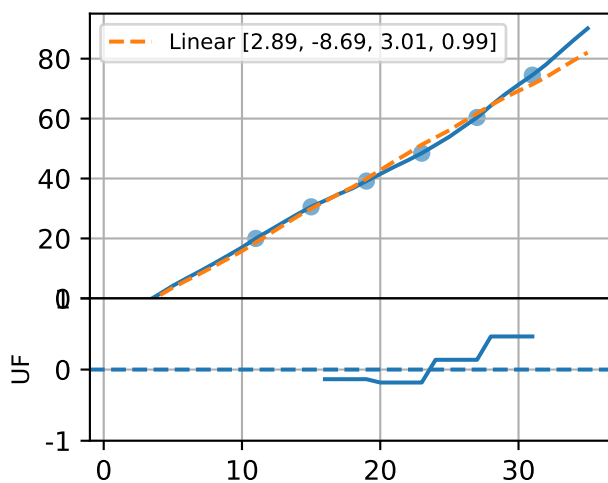
G3-11-11-15



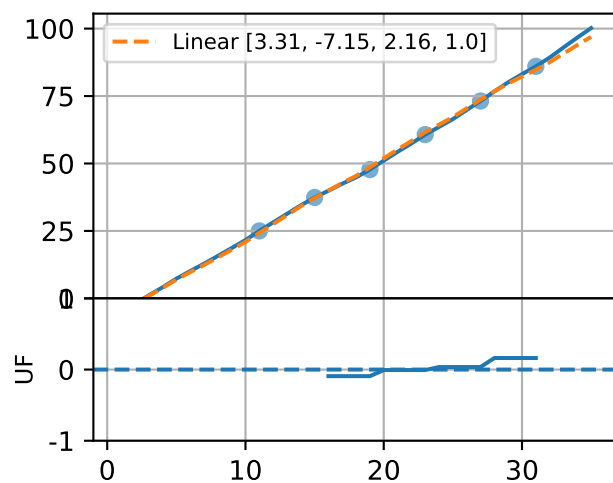
G3-11-111-37



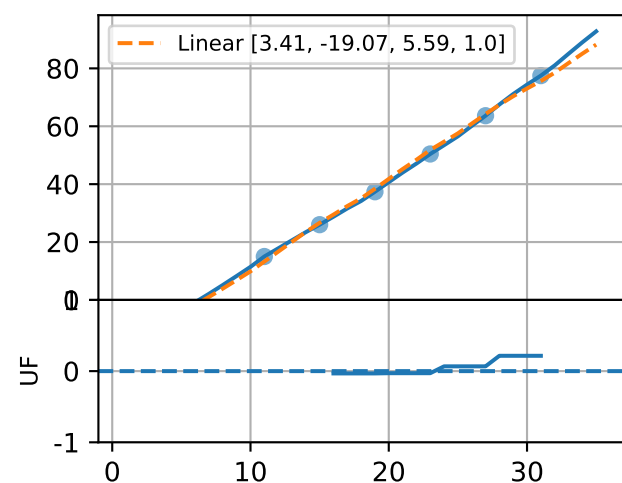
G3-11-34-20



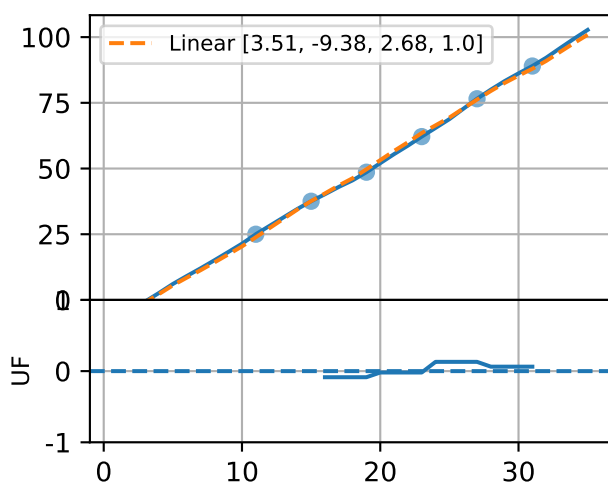
G3-11-45-48



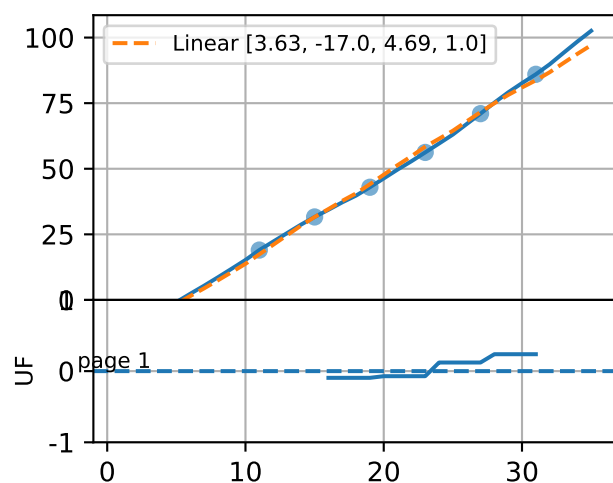
G3-11-57-37



G3-11-69-66

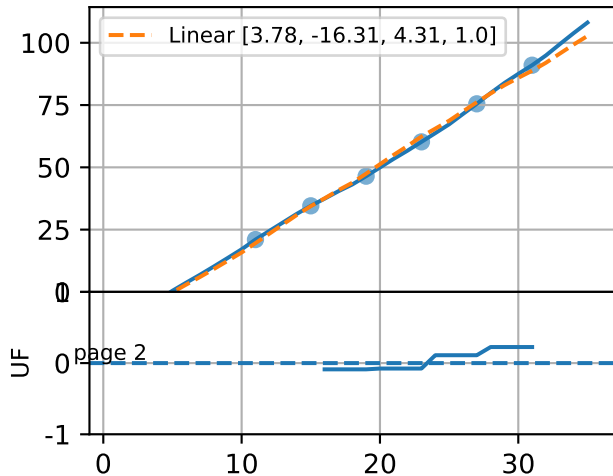


G3-11-85-8



G3-11-93-27

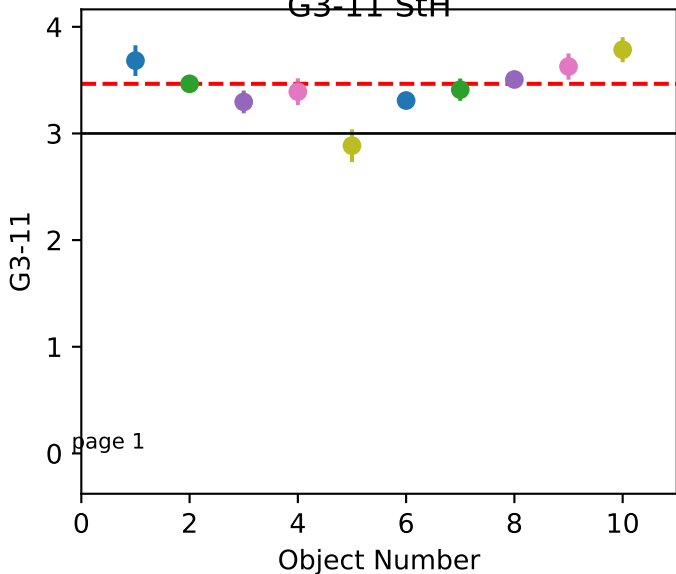
StH



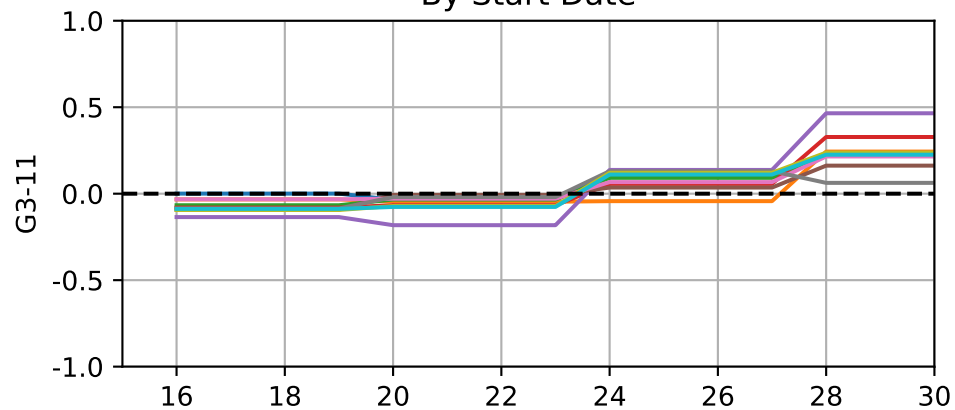
UF page 2

a (Def=3 Set=3.47)
avg1=3.47~5% avg2=na

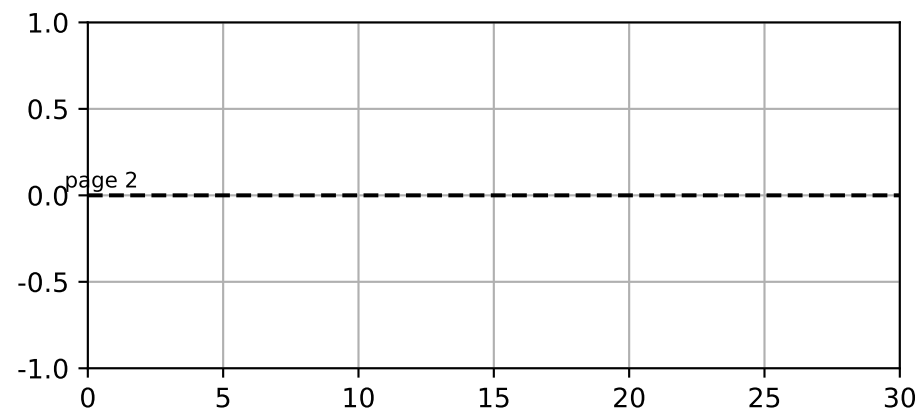
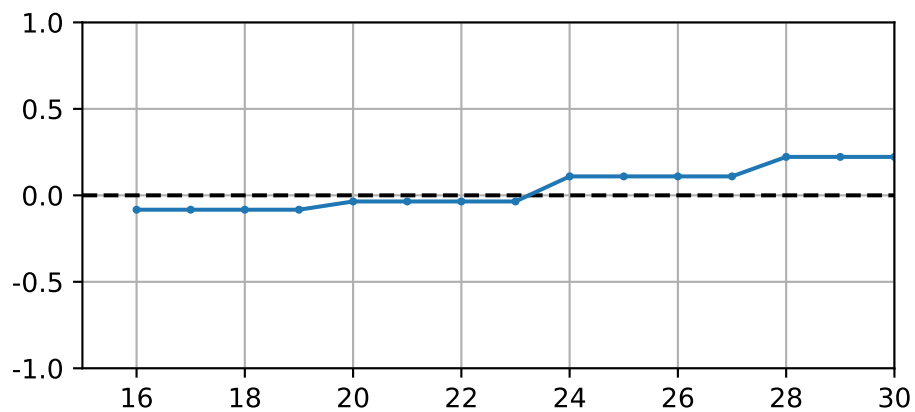
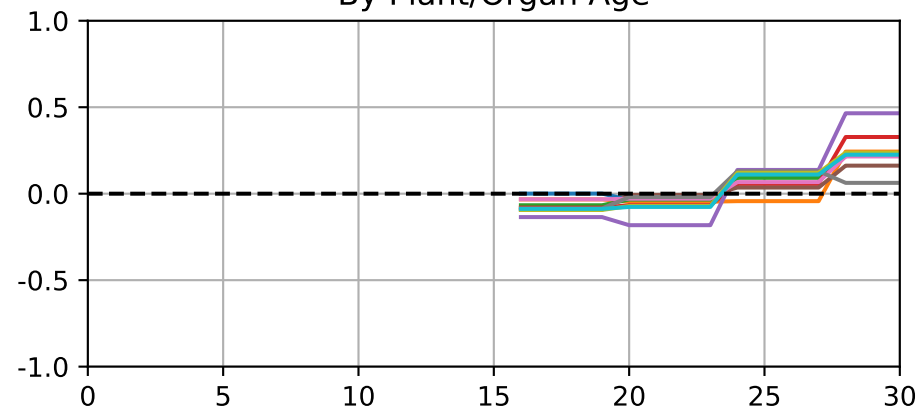
G3-11 StH



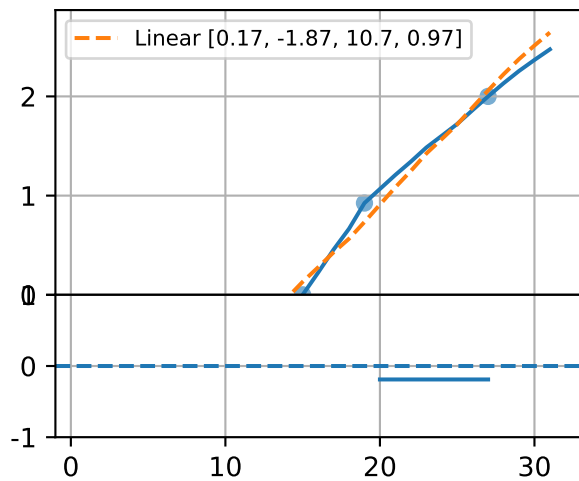
By Start Date



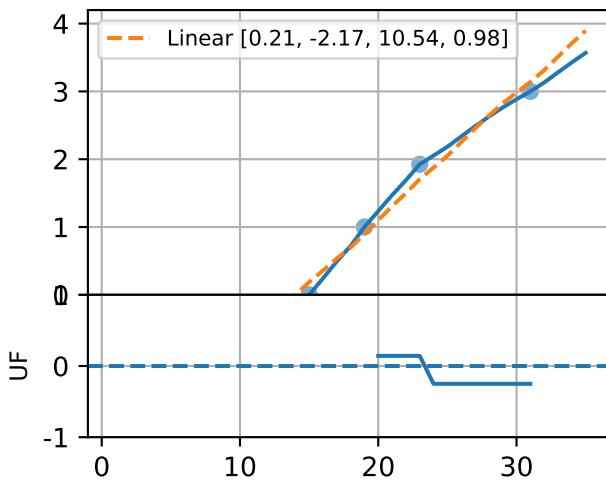
By Plant/Organ Age



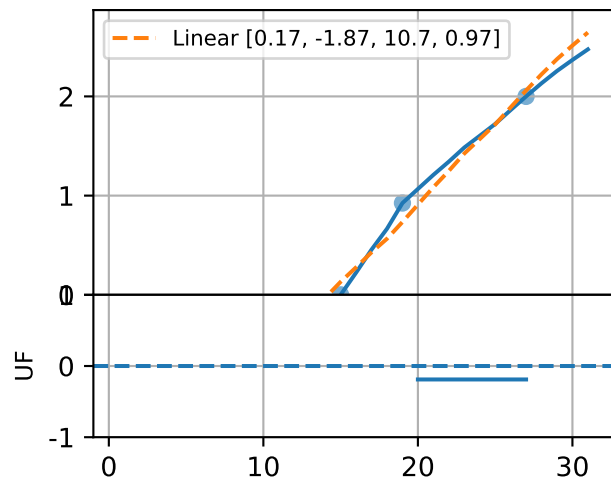
G3-11-07-61



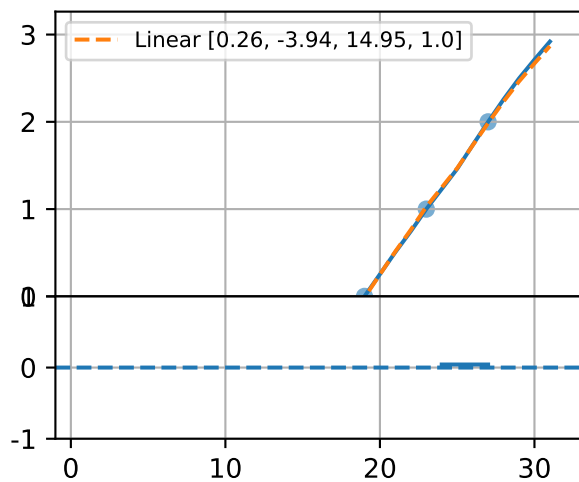
G3-11-108-55



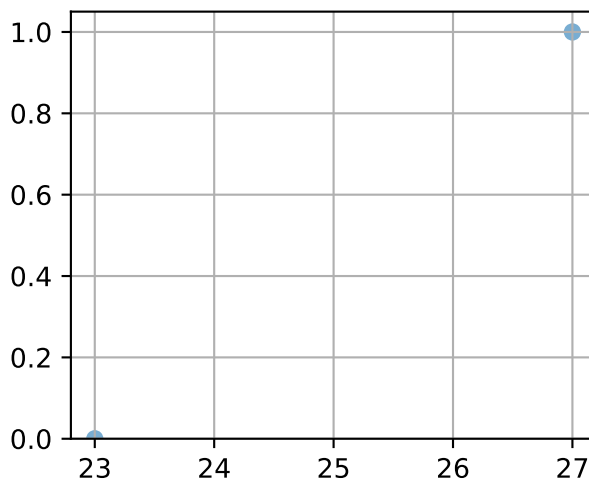
G3-11-11-15



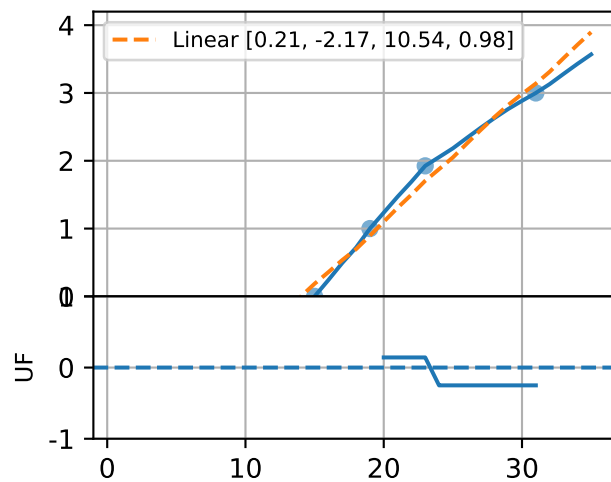
G3-11-111-37



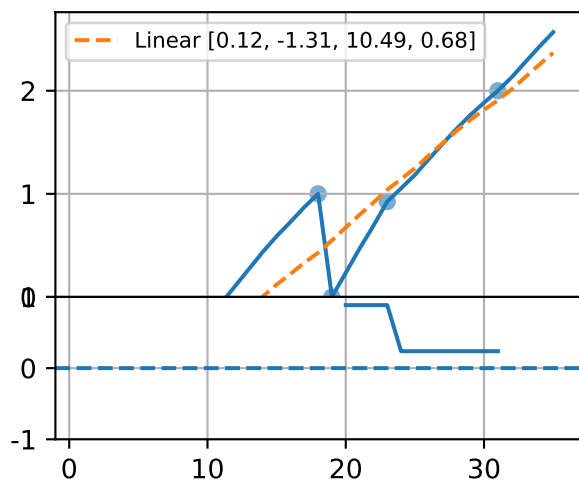
G3-11-34-20 (fit failed)



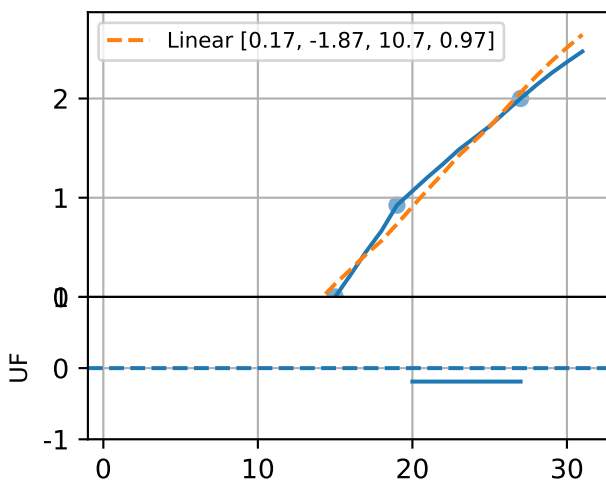
G3-11-45-48



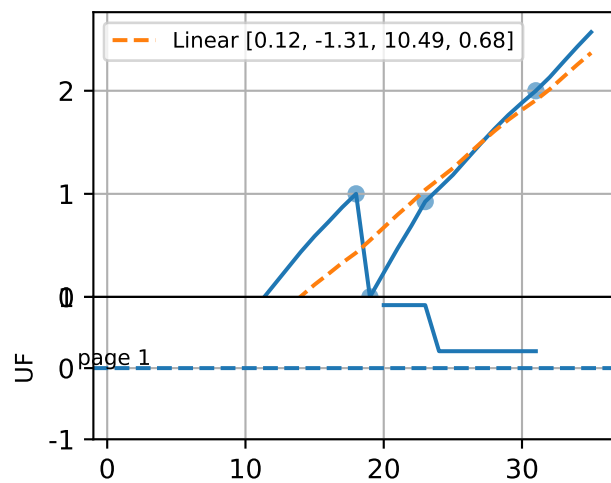
G3-11-57-37



G3-11-69-66

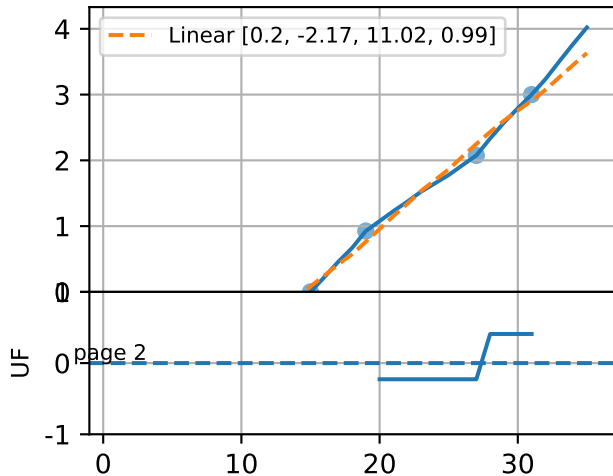


G3-11-85-8



G3-11-93-27

TsN



G3-11avg

TSN

Linear [0.15, -1.35, 9.09, 0.93]

UF

page 1

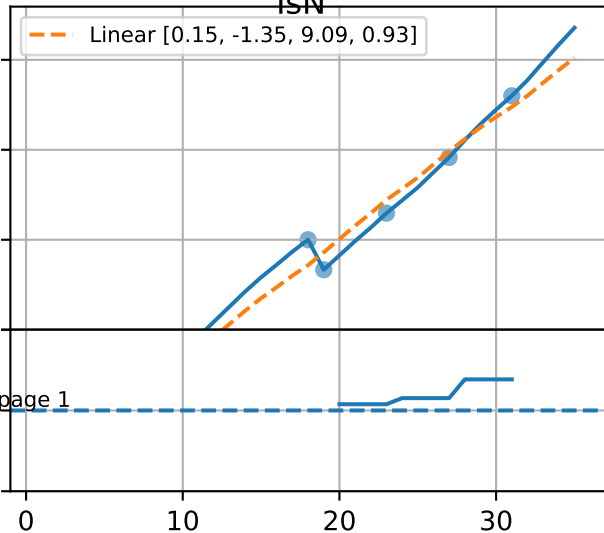
3
2
1
0
0
-1

0

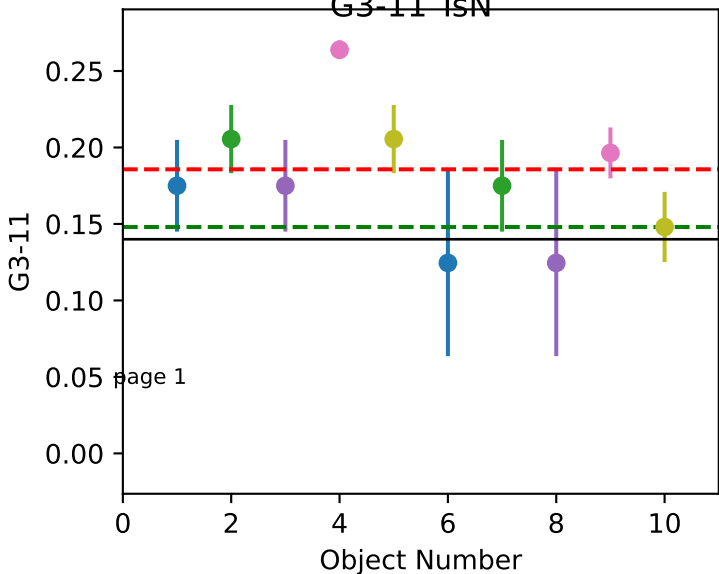
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20

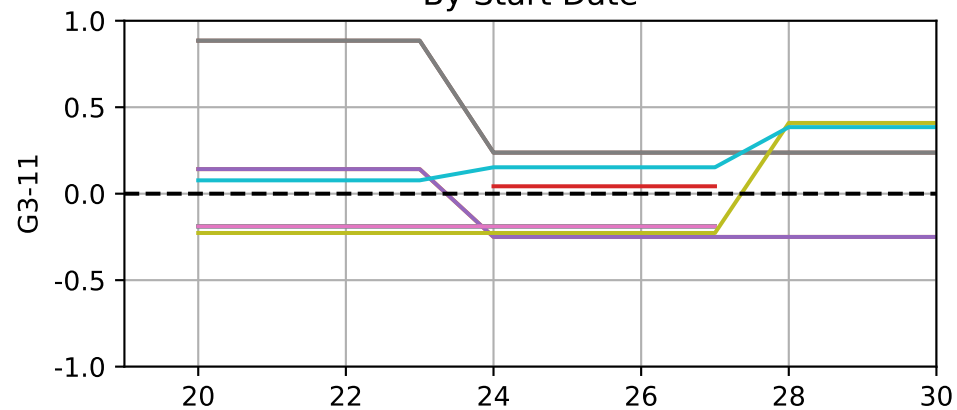
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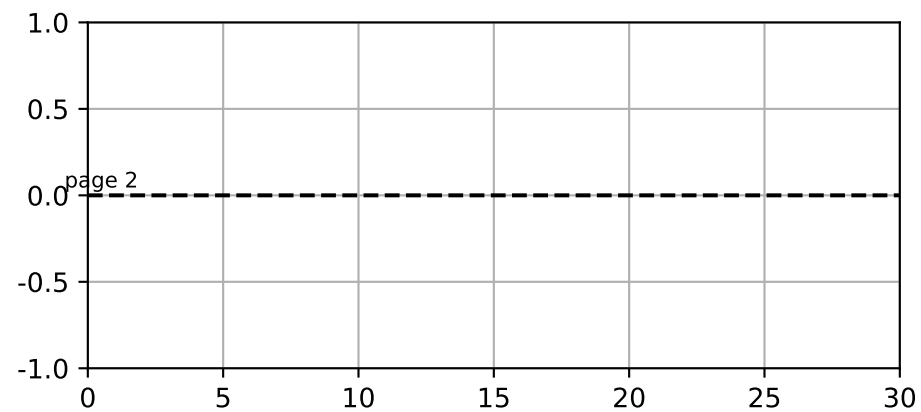
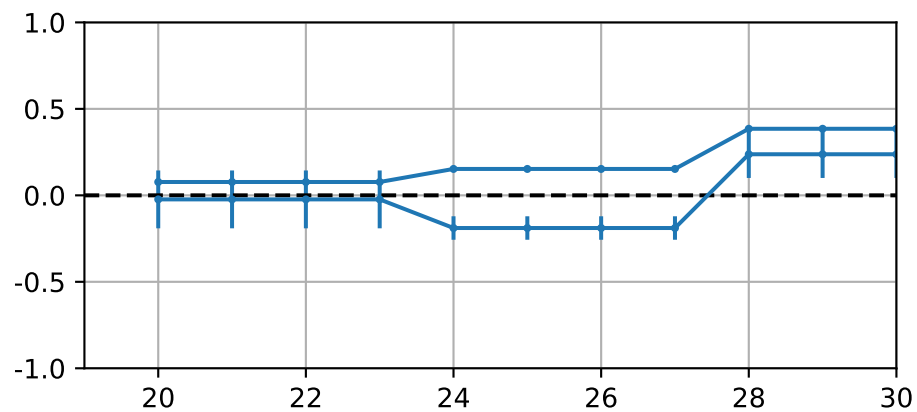
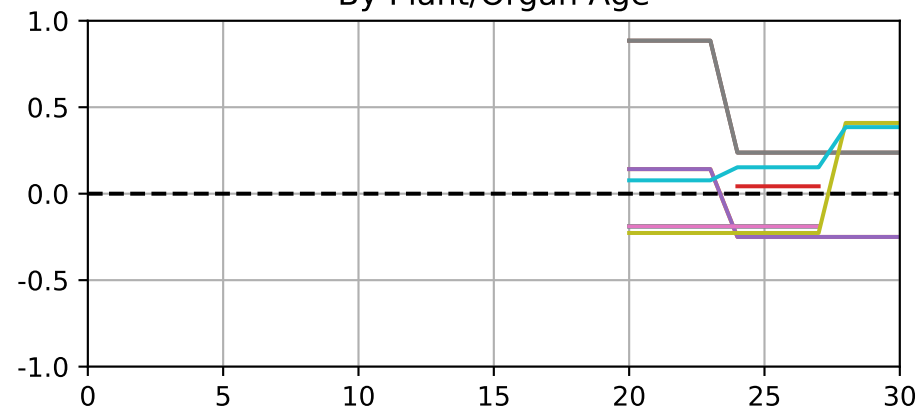
a (Def=0.14 Set=0.15)
avg1=0.19~8% avg2=0.15~44%

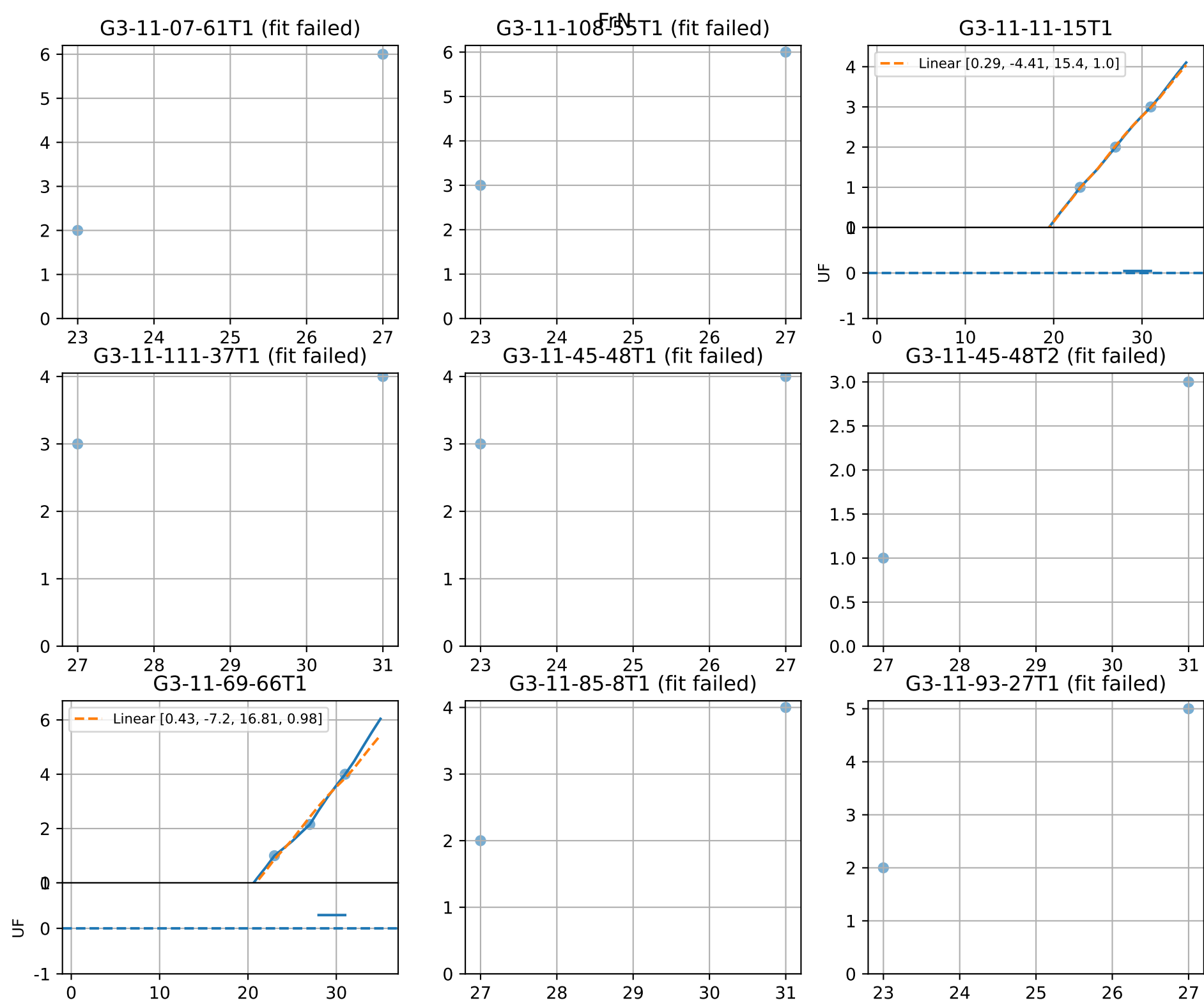


By Start Date



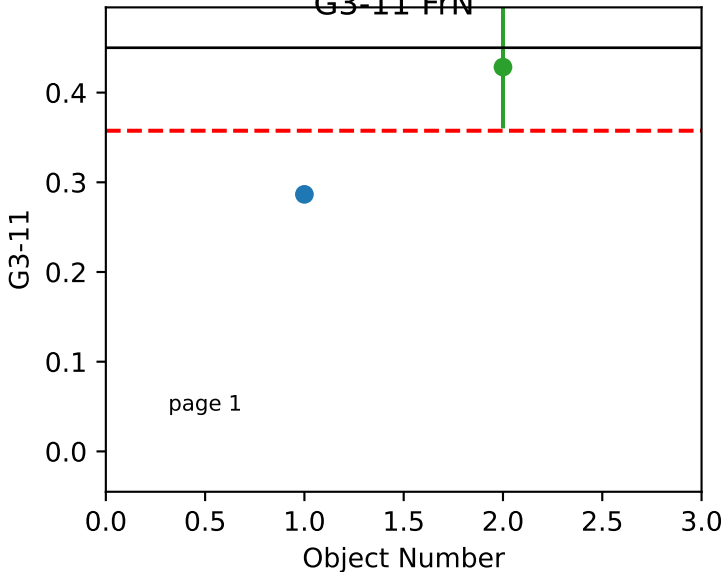
By Plant/Organ Age



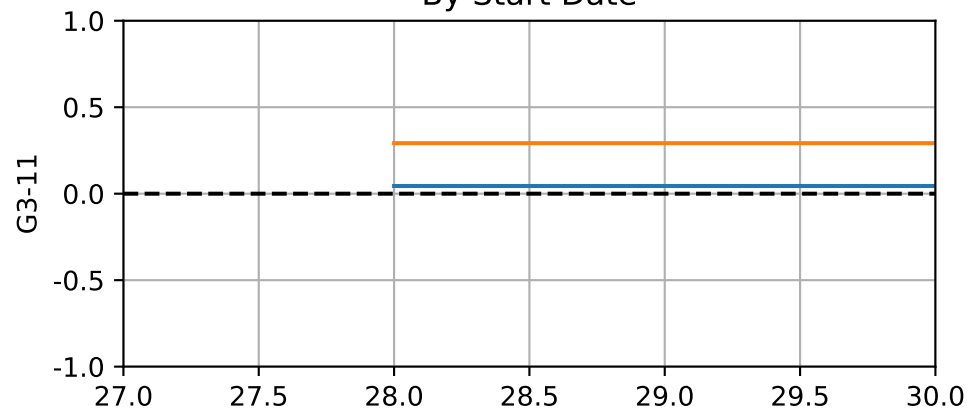


a (Def=0.45 Set=1.17)
avg1=0.36~28% avg2=na

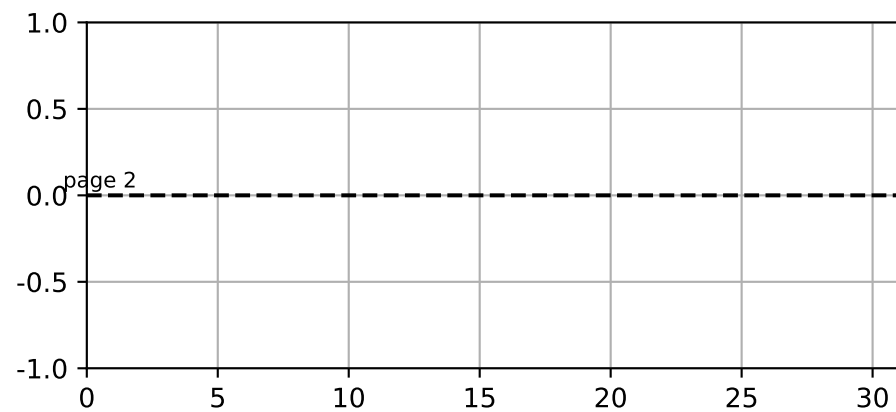
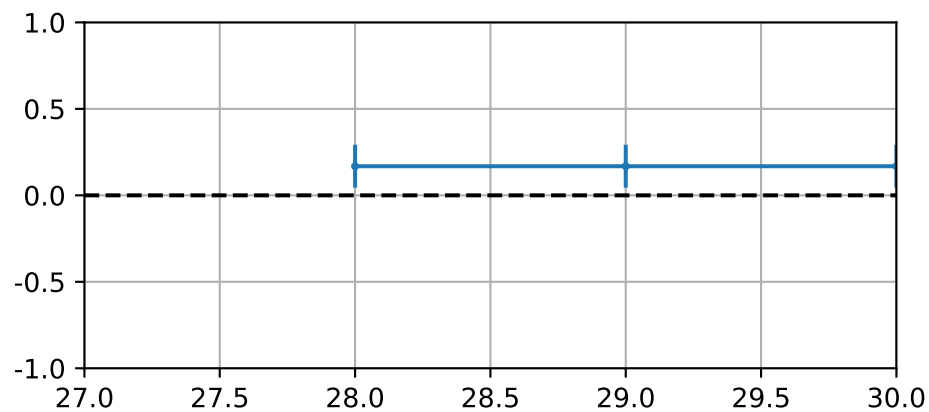
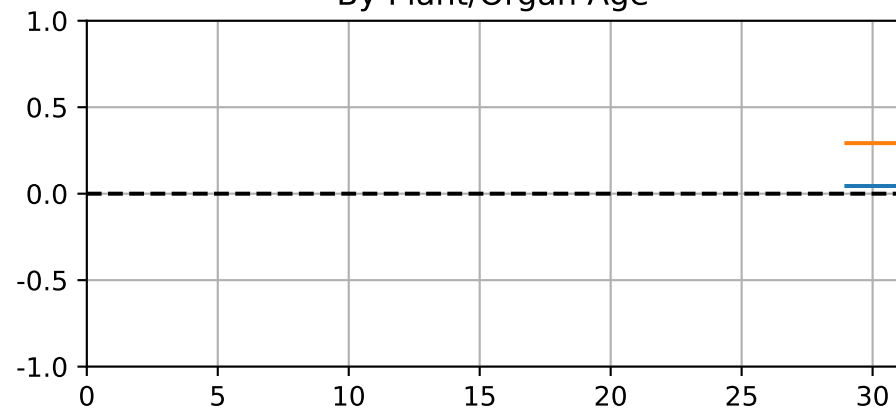
G3-11 FrN



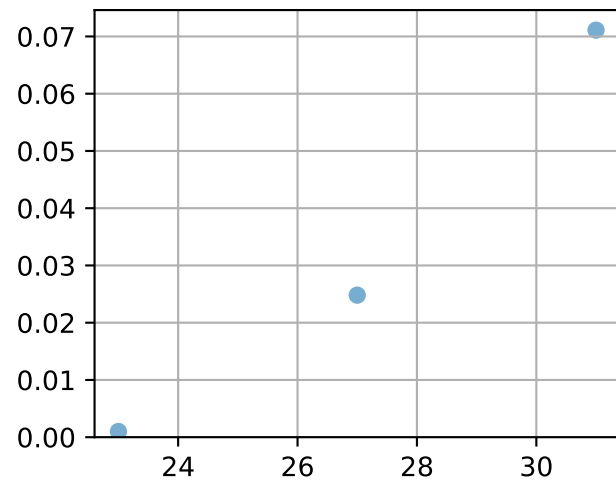
By Start Date



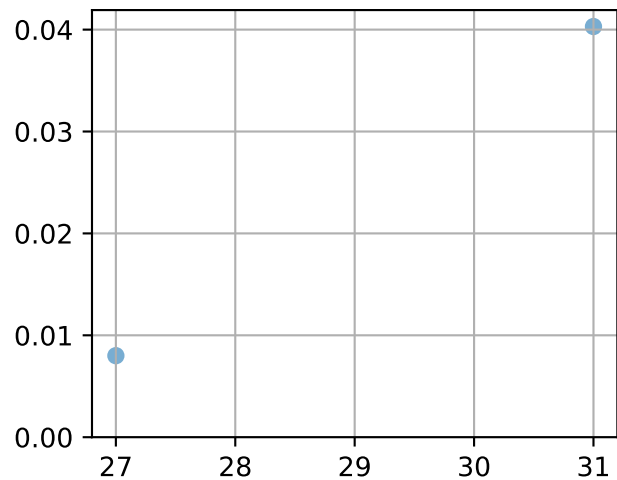
By Plant/Organ Age



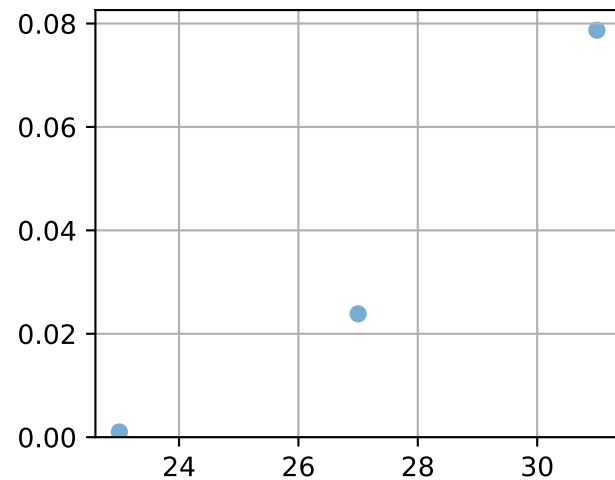
G3-11-07-61T1Fr1 (fit failed)



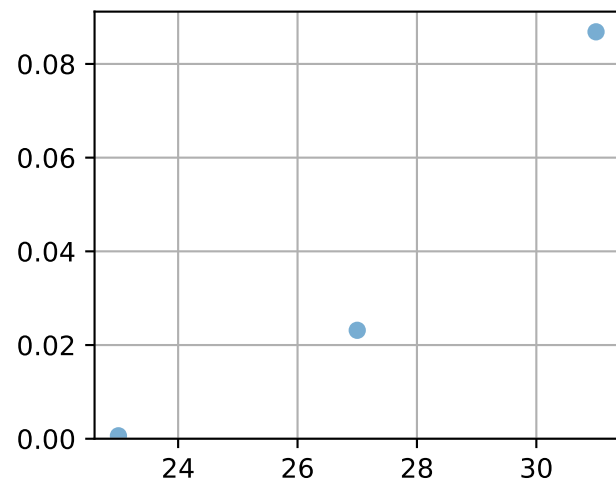
G3-11-07-61T1Fr5 (fit failed)



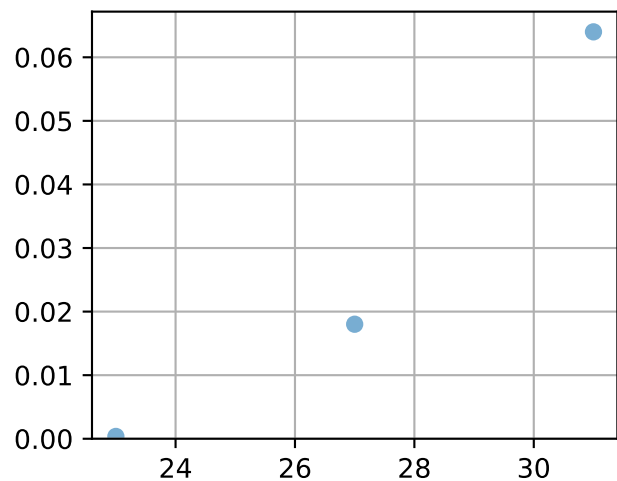
G3-11-108-55T1Fr1 (fit failed)



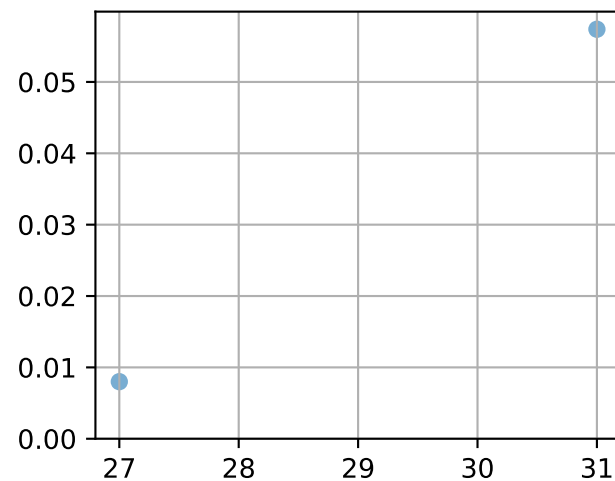
G3-11-108-55T1Fr5 (fit failed)



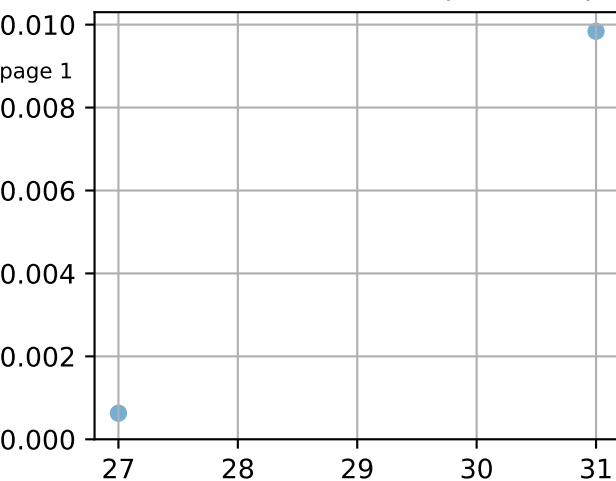
G3-11-11-15T1Fr1 (fit failed)



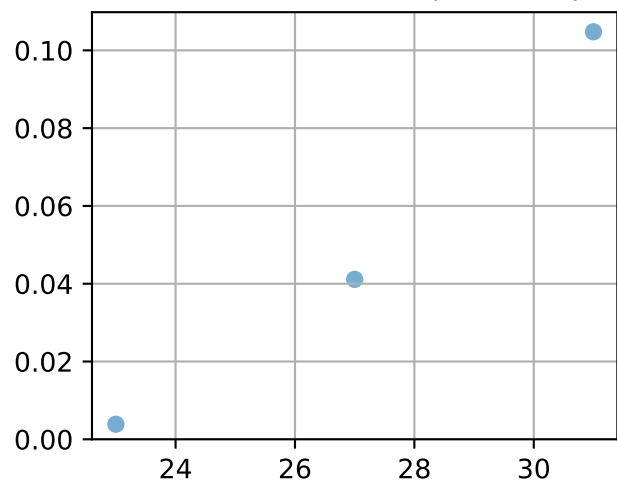
G3-11-111-37T1Fr1 (fit failed)



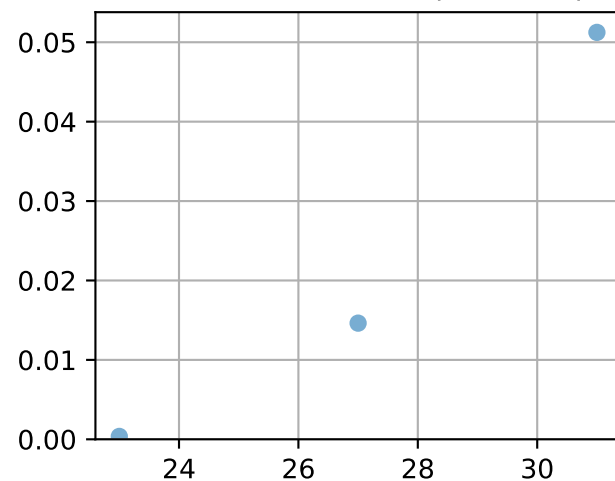
G3-11-111-37T1Fr5 (fit failed)

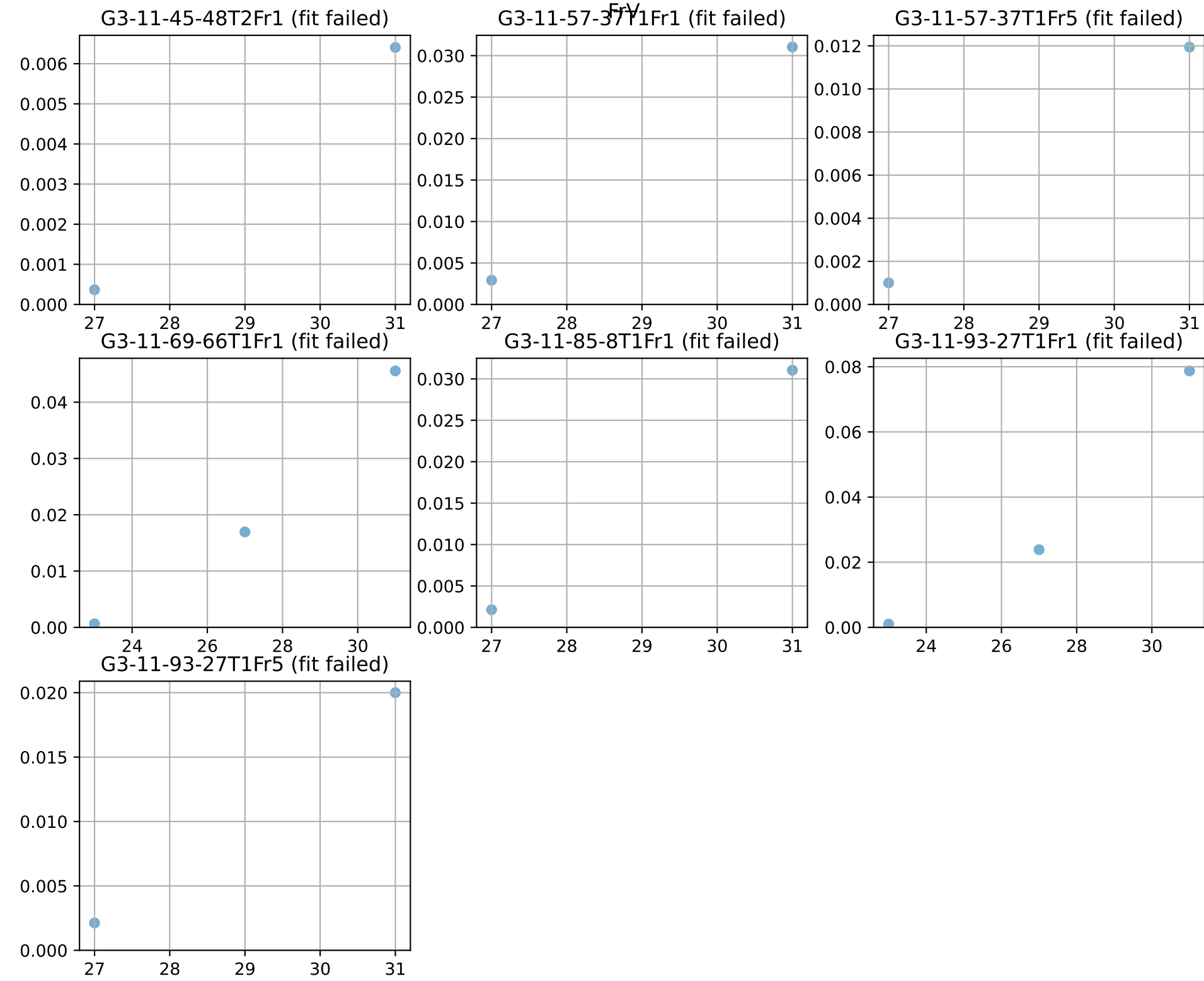


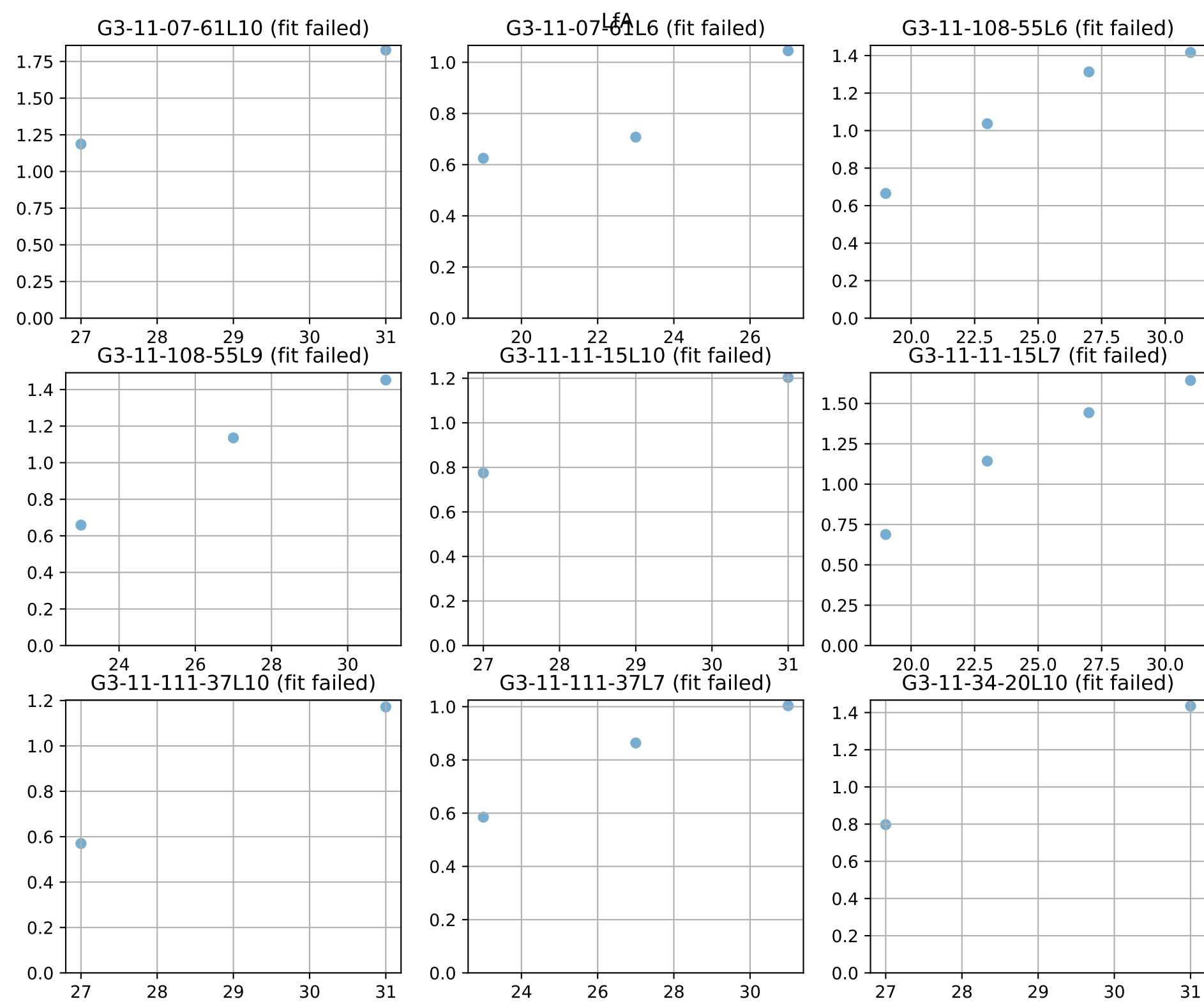
G3-11-45-48T1Fr1 (fit failed)



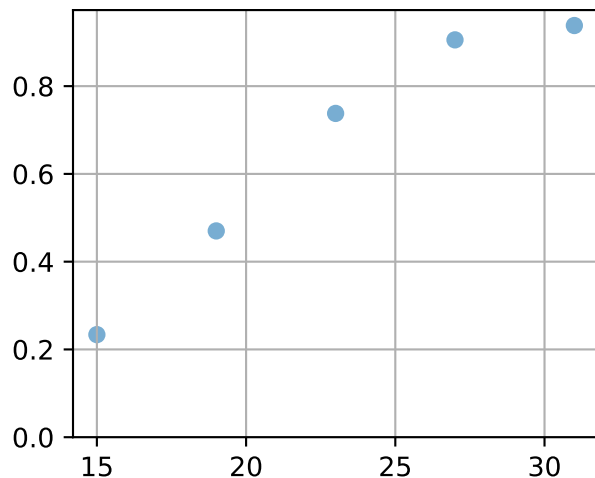
G3-11-45-48T1Fr5 (fit failed)



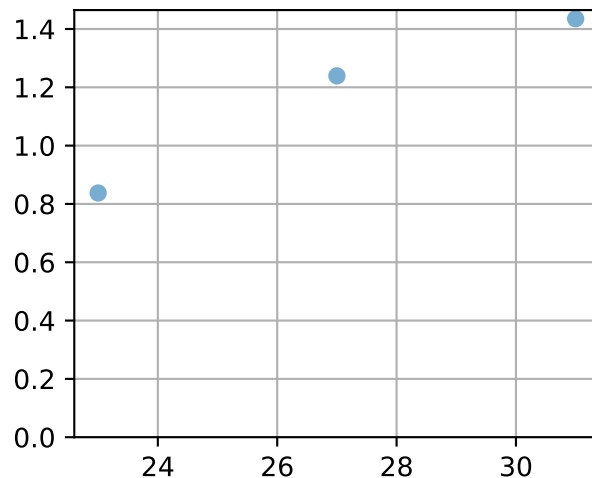




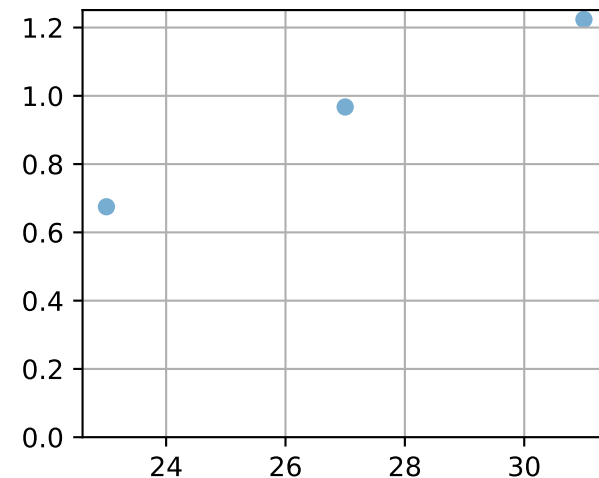
G3-11-45-48L6 (fit failed)



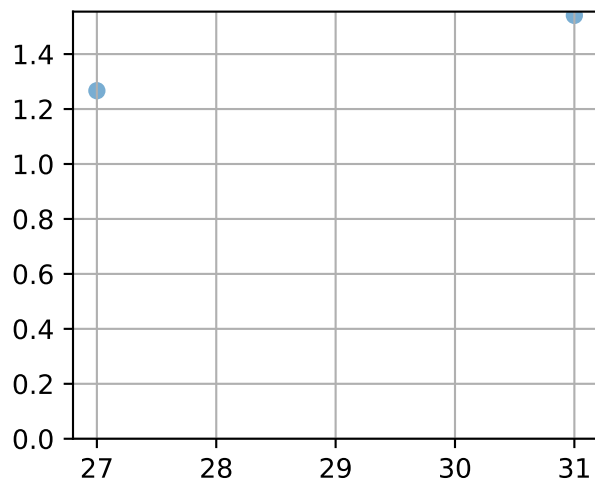
G3-11-45-48L9 (fit failed)



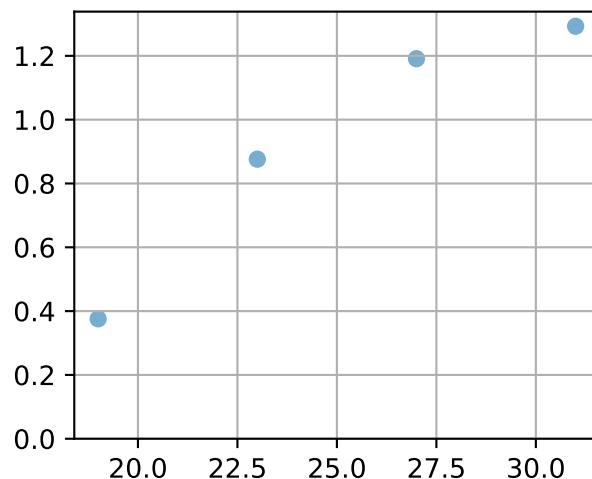
G3-11-57-37L7 (fit failed)



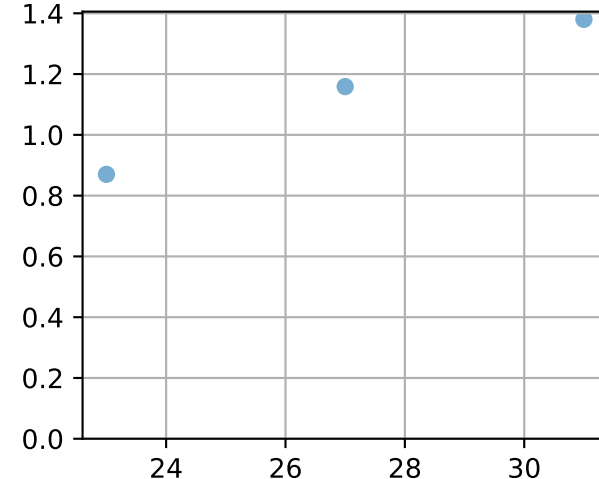
G3-11-69-66L10 (fit failed)



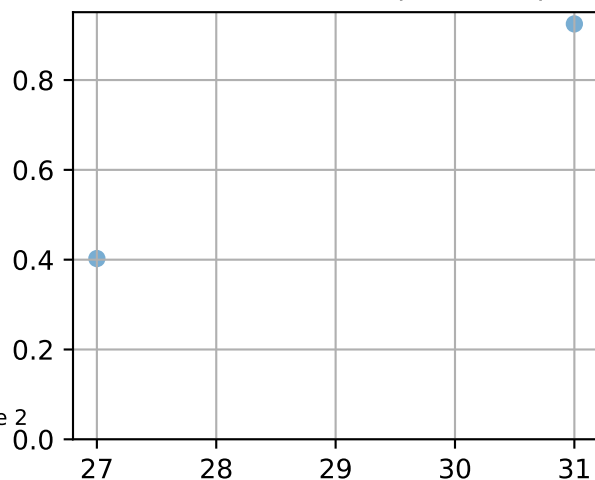
G3-11-69-66L7 (fit failed)



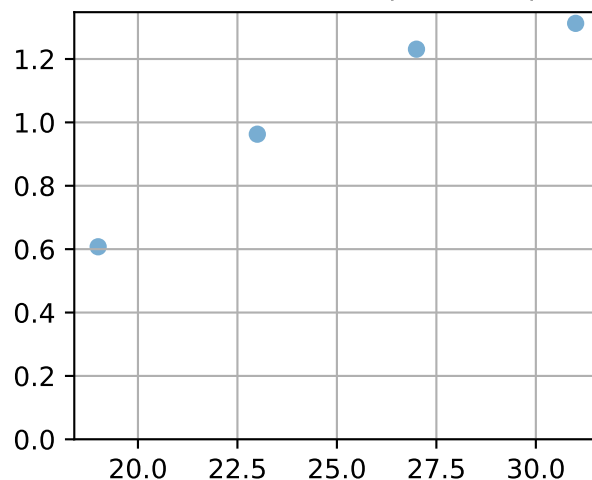
G3-11-85-8L7 (fit failed)

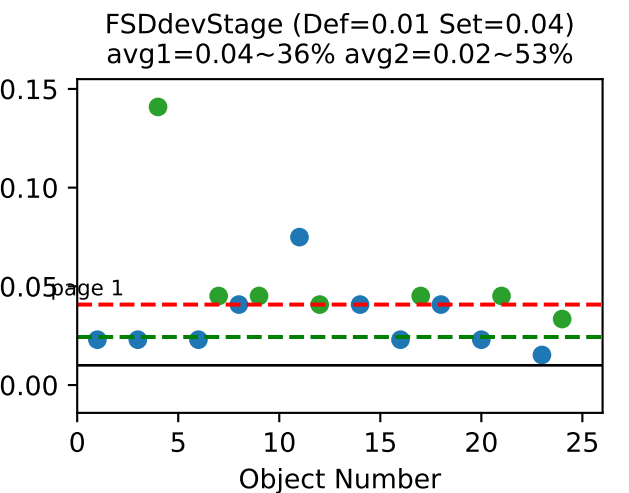
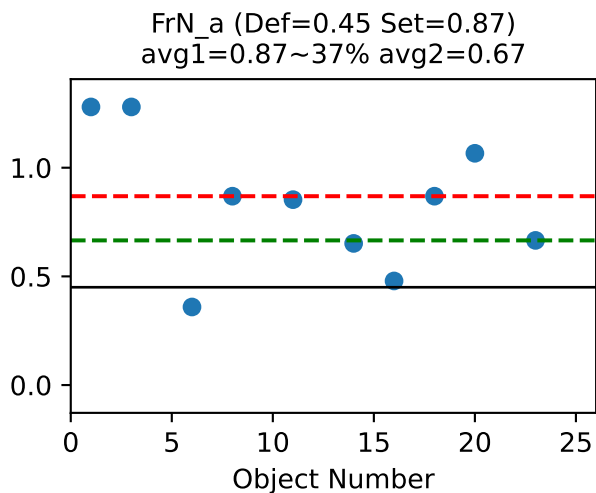
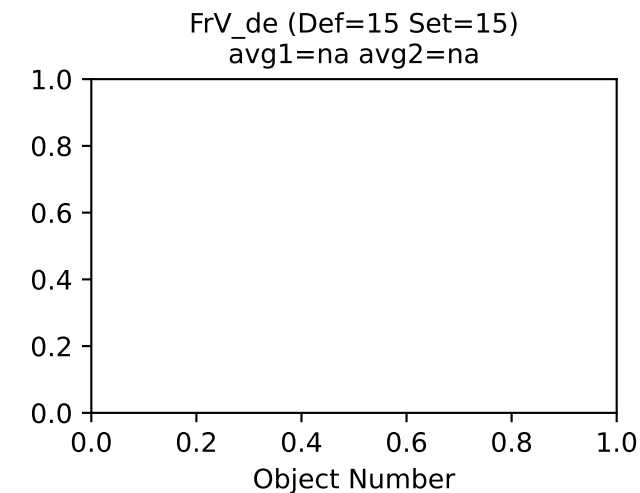
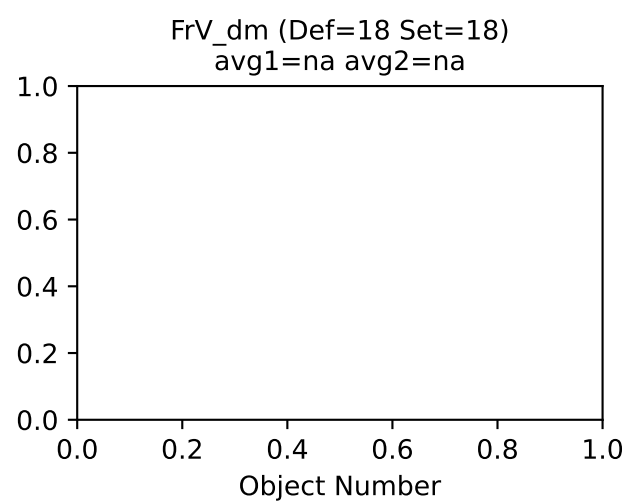
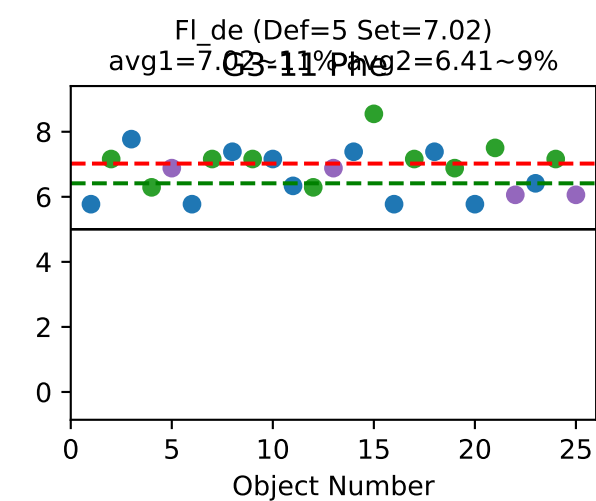
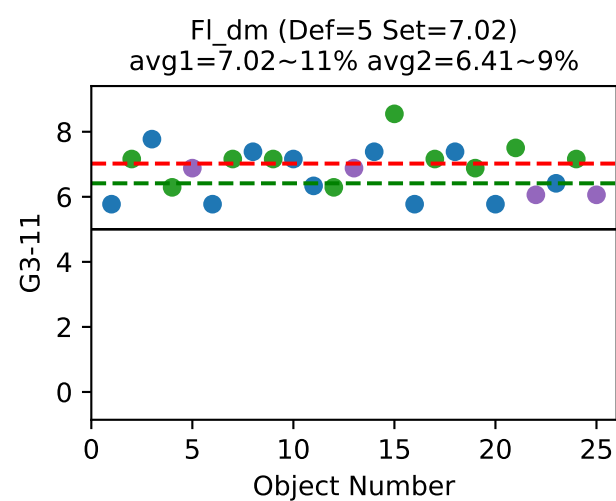


G3-11-93-27L10 (fit failed)

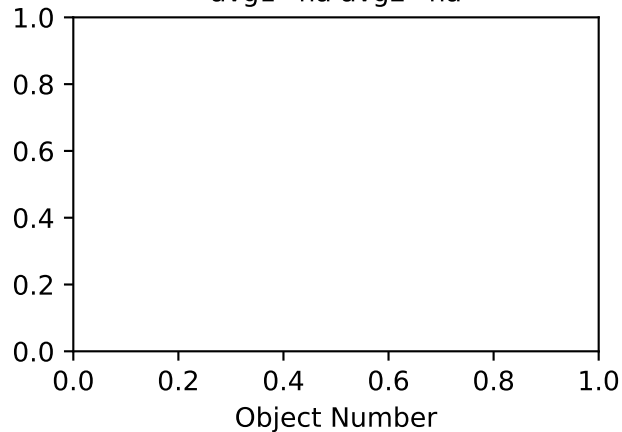


G3-11-93-27L7 (fit failed)

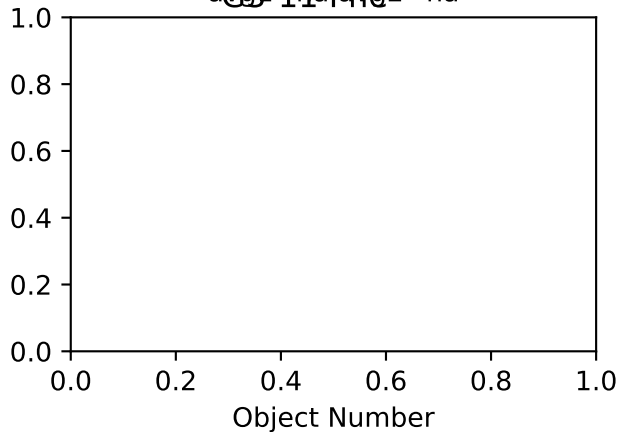




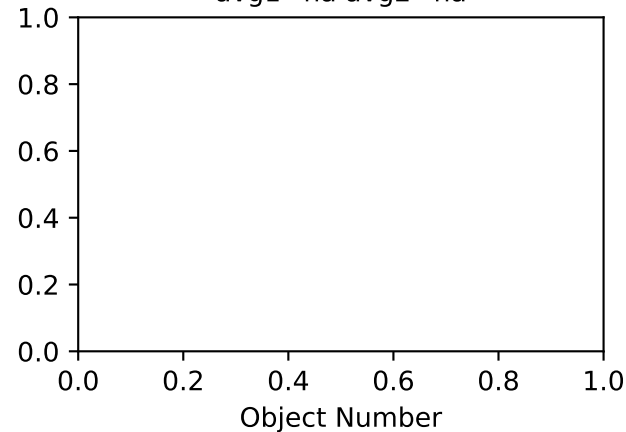
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



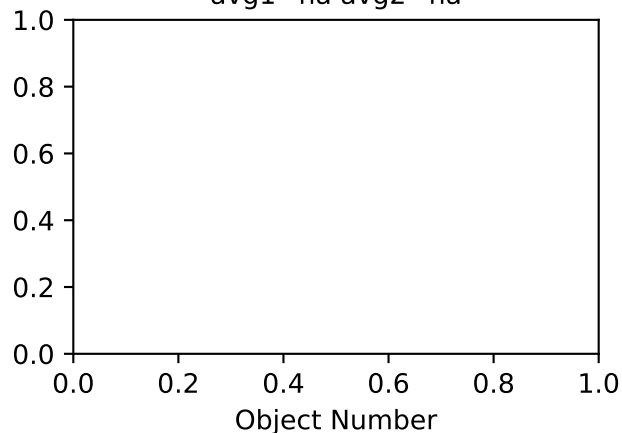
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



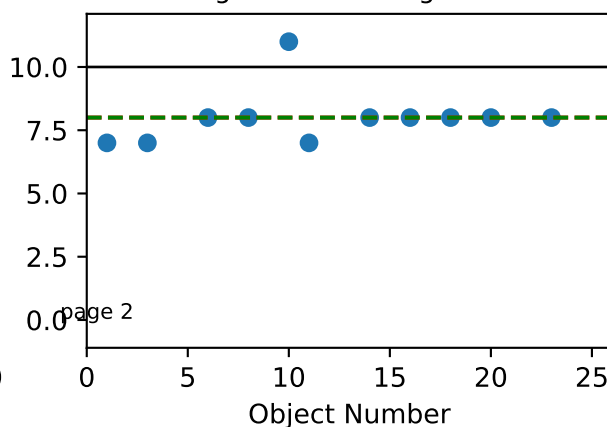
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



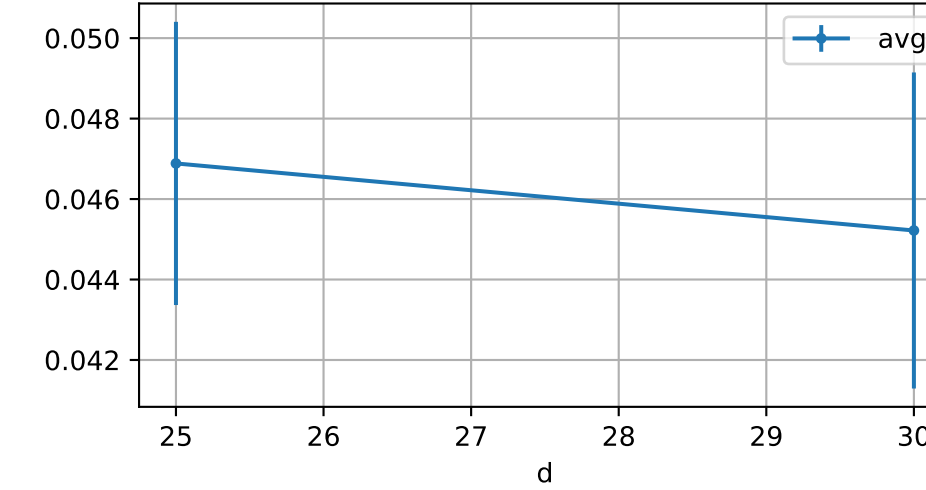
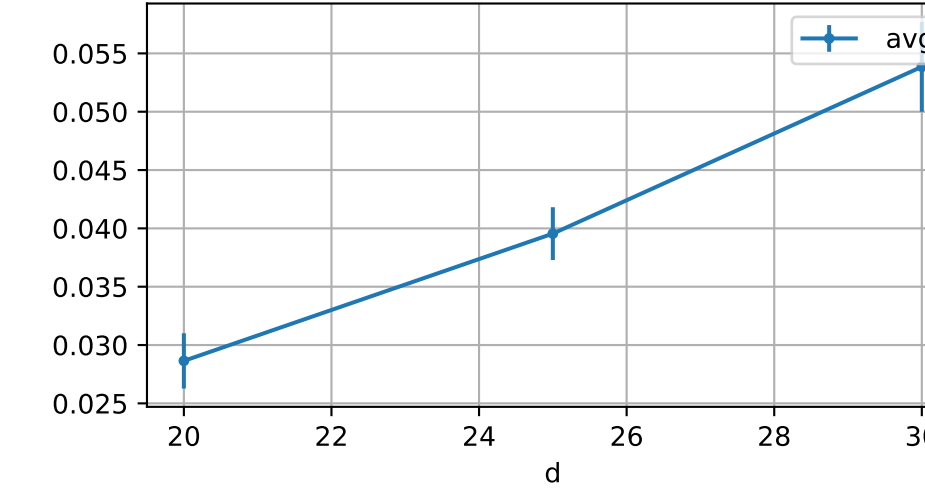
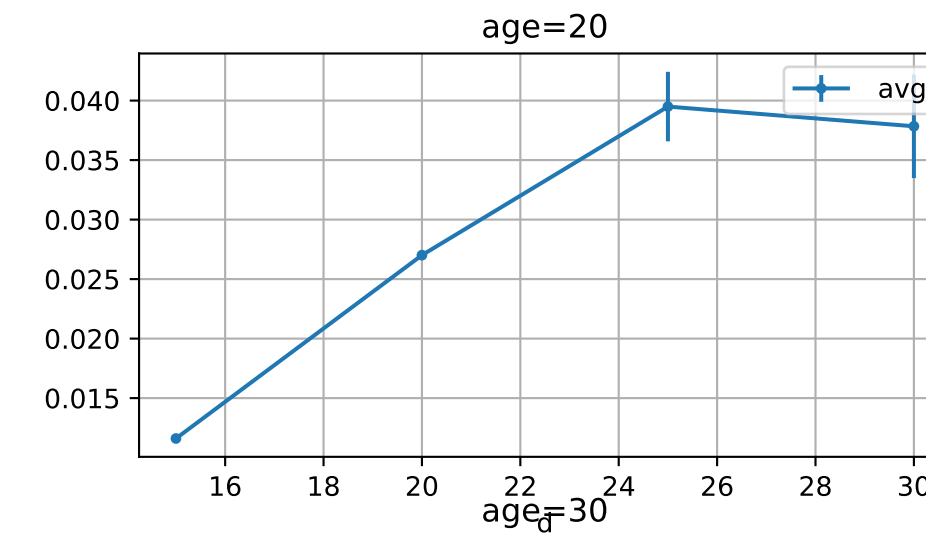
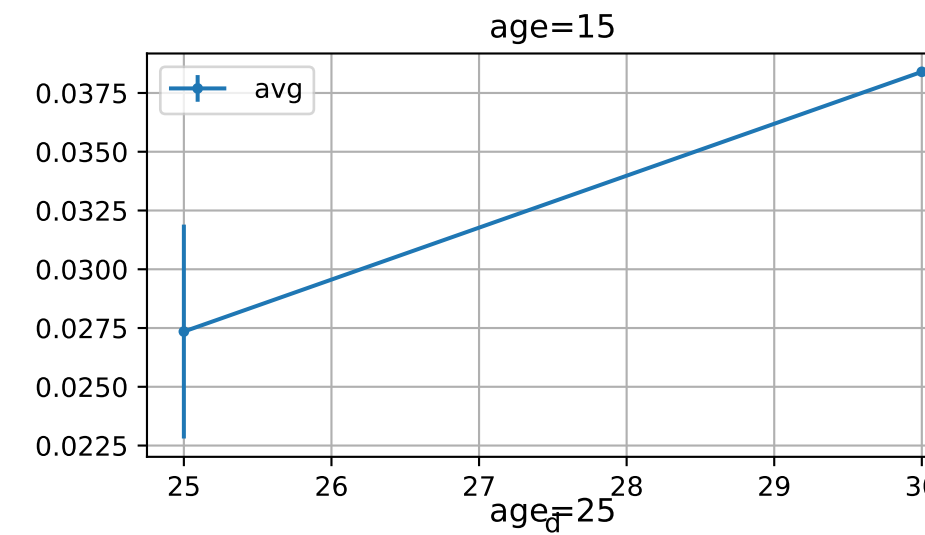
FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na



NNgen (Def=10 Set=8)
avg1=8.0~6% avg2=8.0

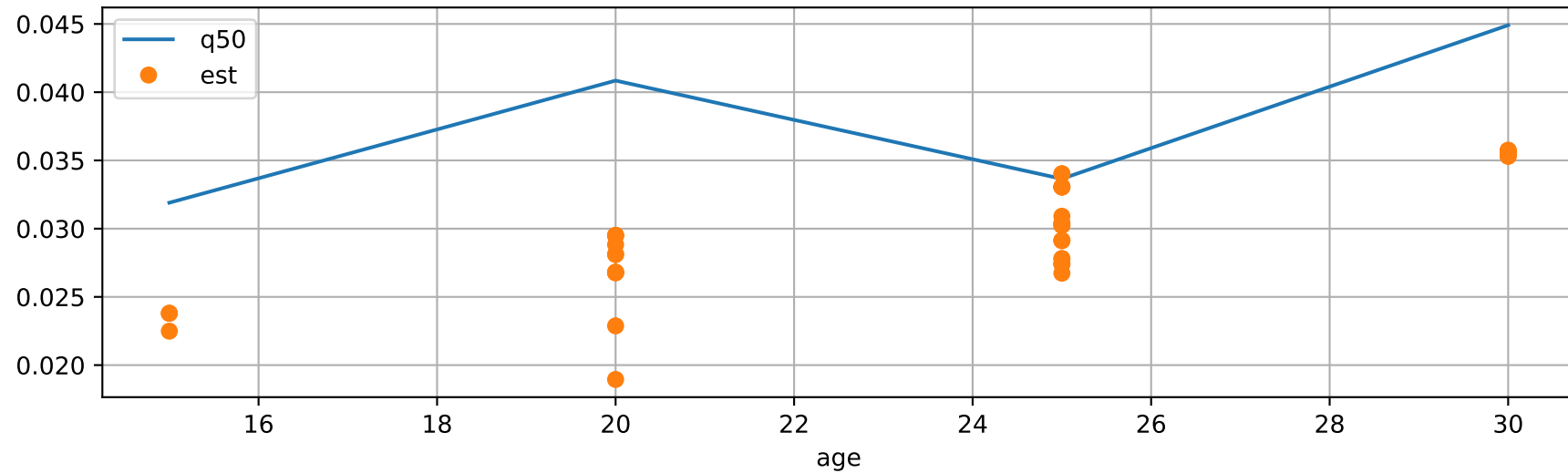


LfA: avg vs. d at each age group

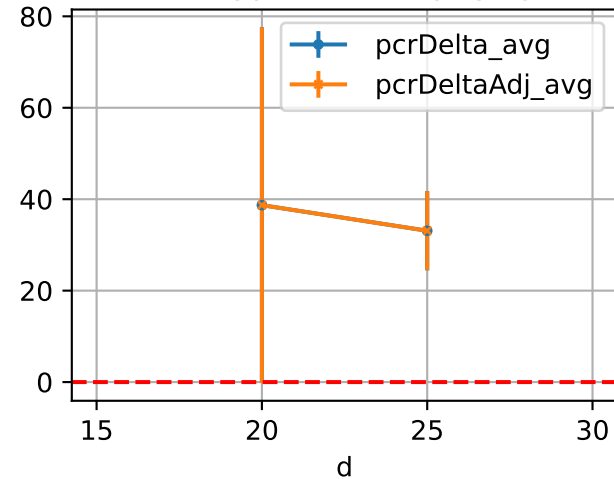


LfA: model est vs obsOv@Q50

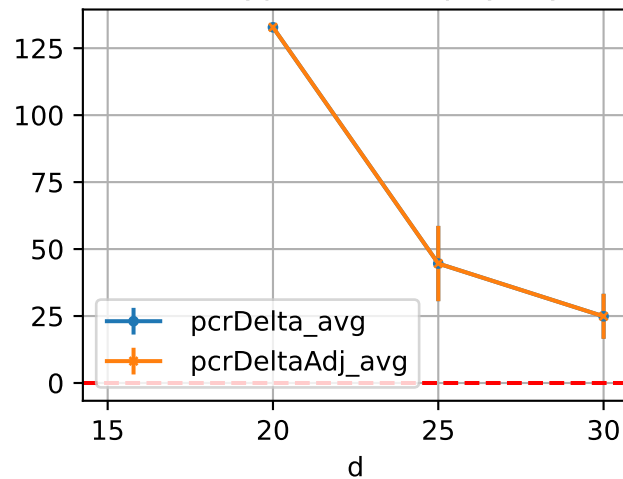
page 2



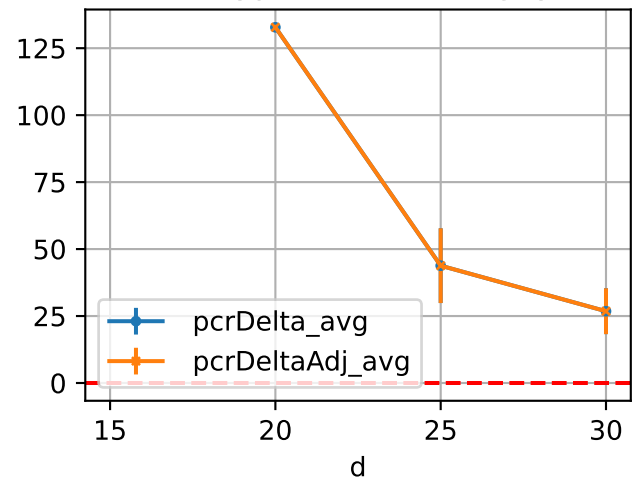
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

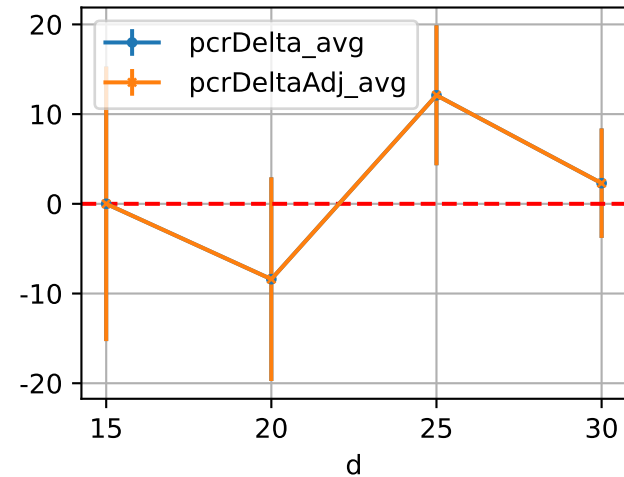




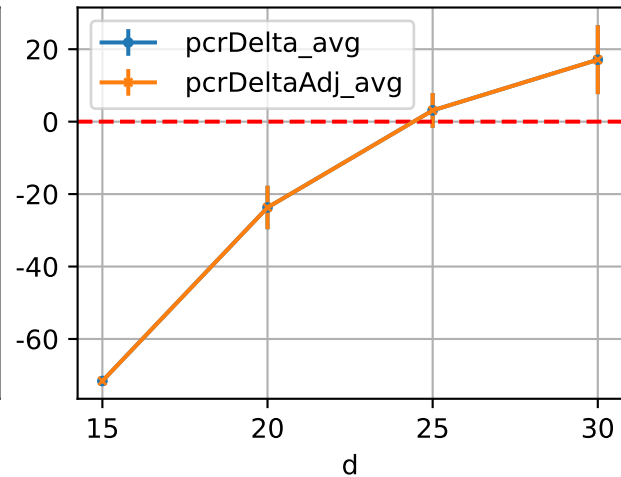
G3-11 LfA: D_Q50_LfA

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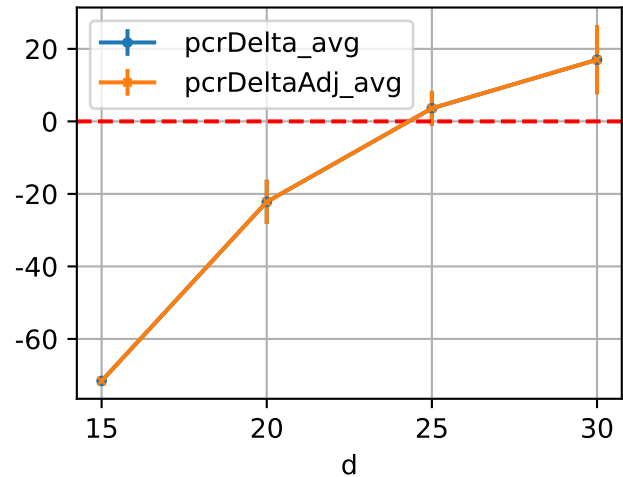
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

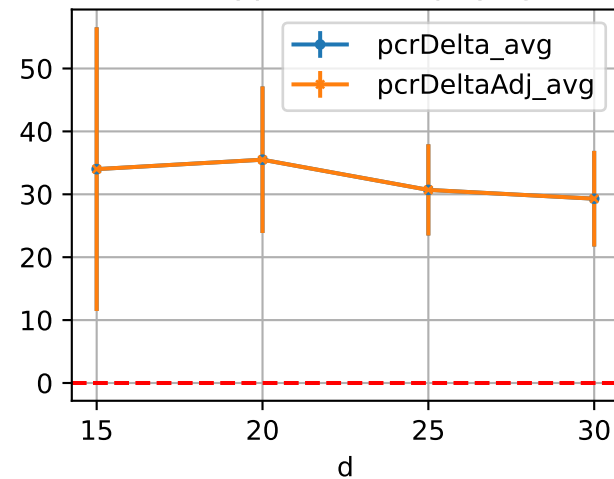


DeltaTypeAbbr=WeiAvgByD

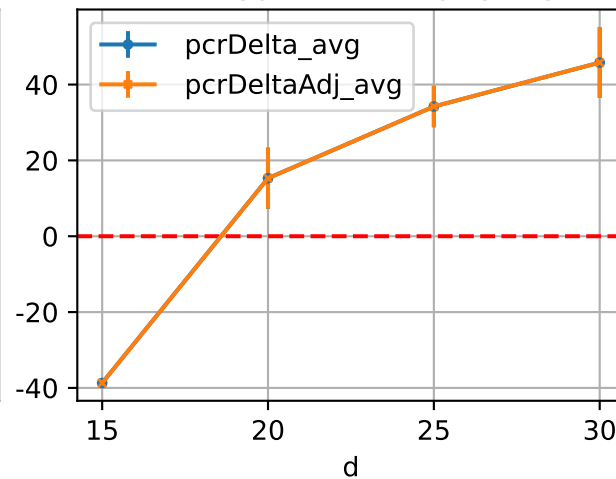


G3-11 LfA: D_Est_LfA

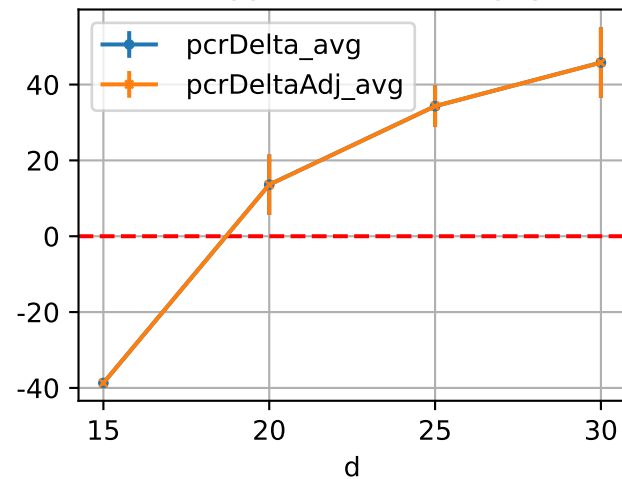
DeltaTypeAbbr=GrpByAge



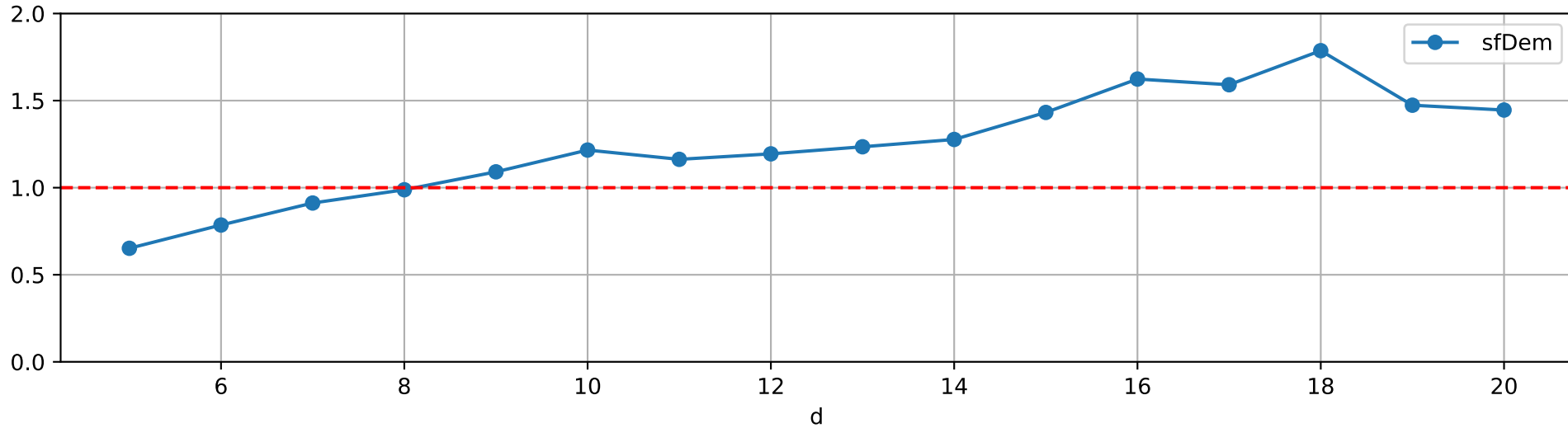
DeltaTypeAbbr=GrpByDay

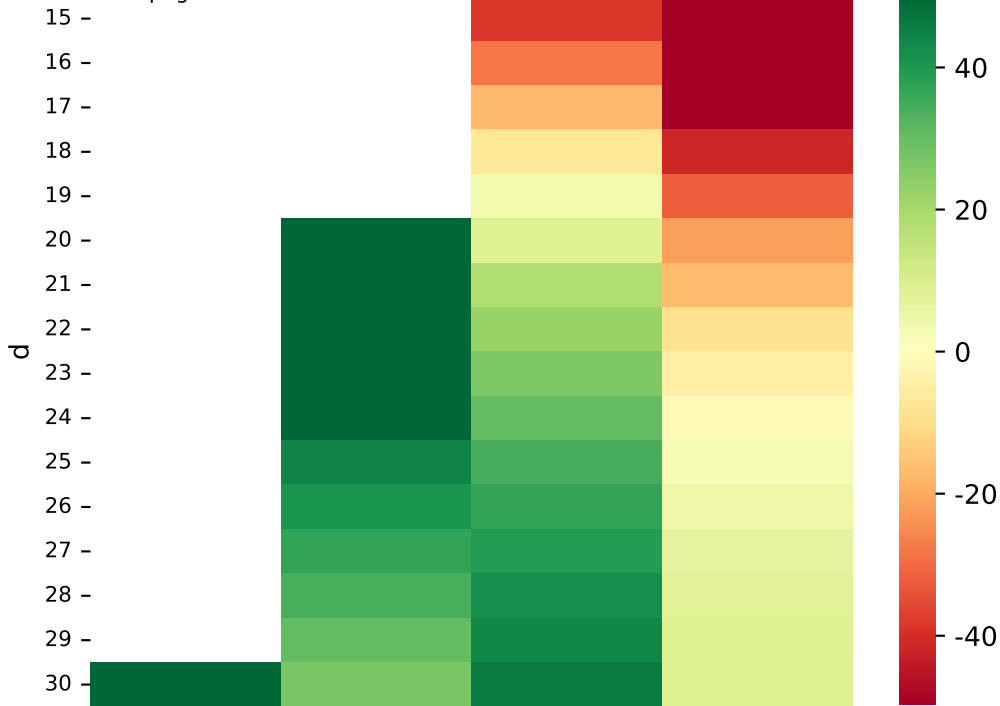


DeltaTypeAbbr=WeiAvgByD



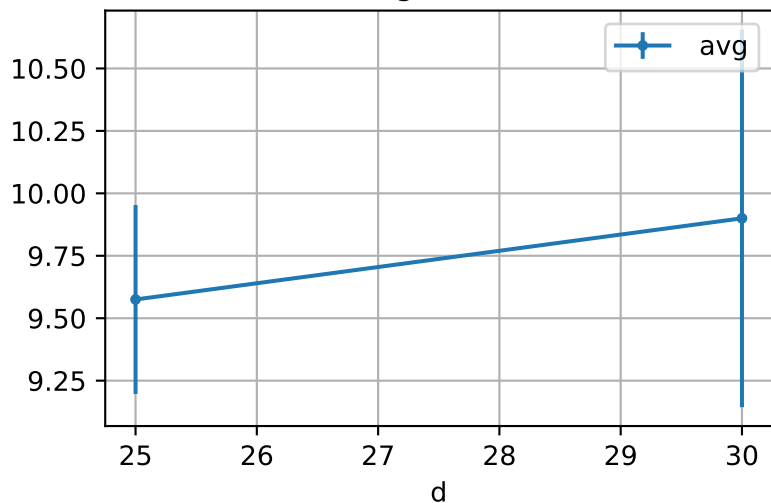
LfA: sfDem



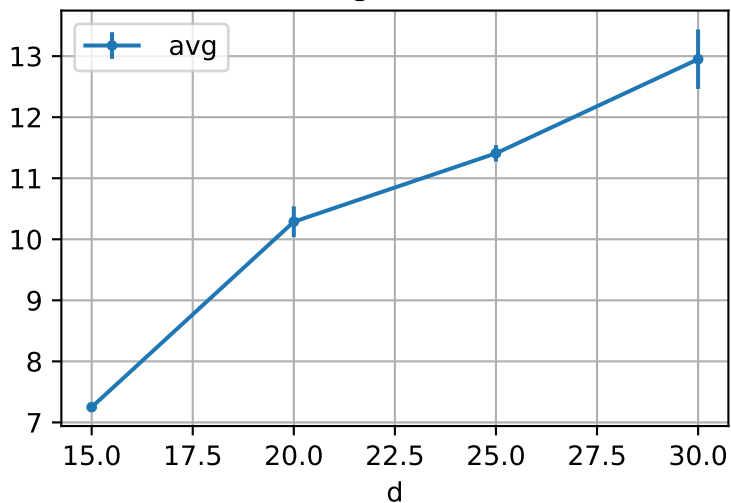


NdD: avg vs. d at each age group

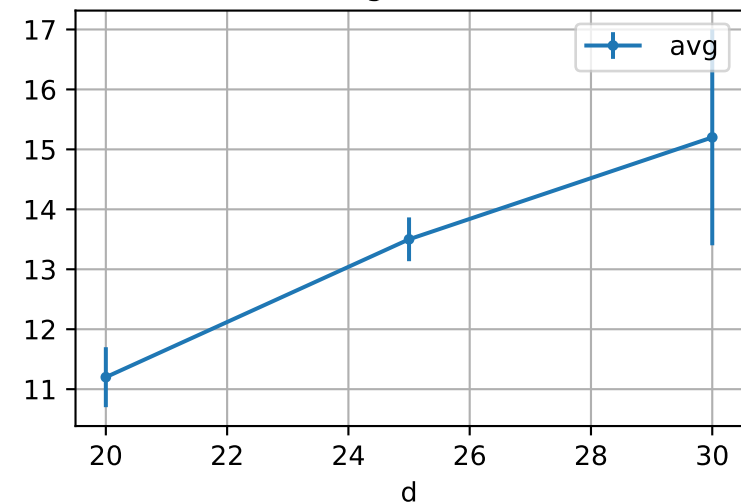
age=15



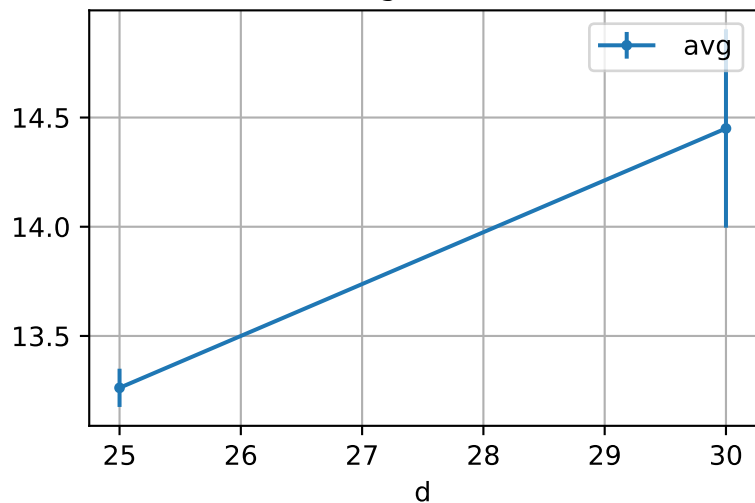
age=20



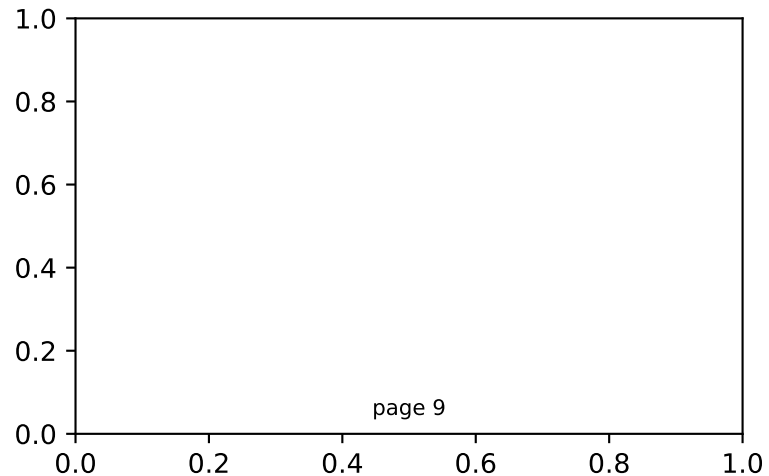
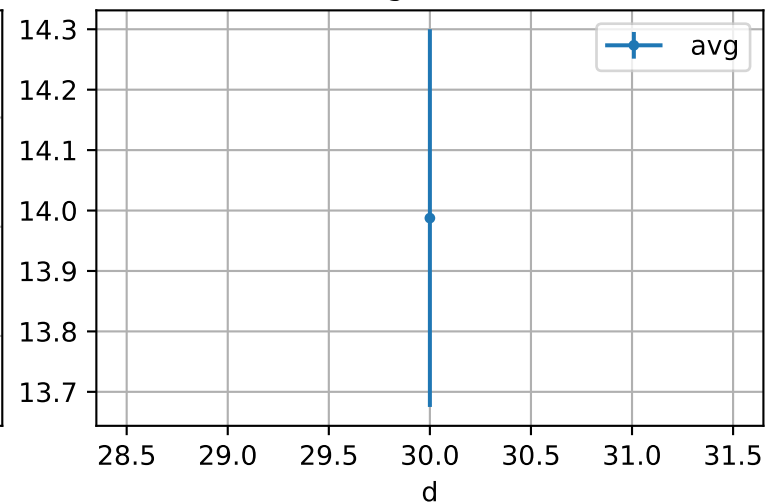
age=25



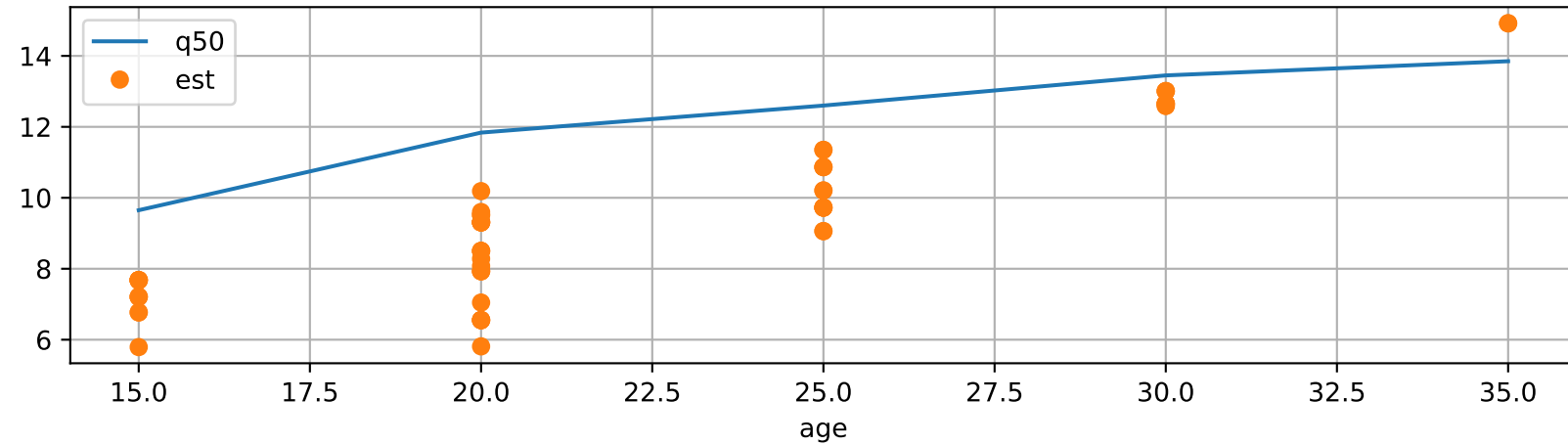
age=30



age=35

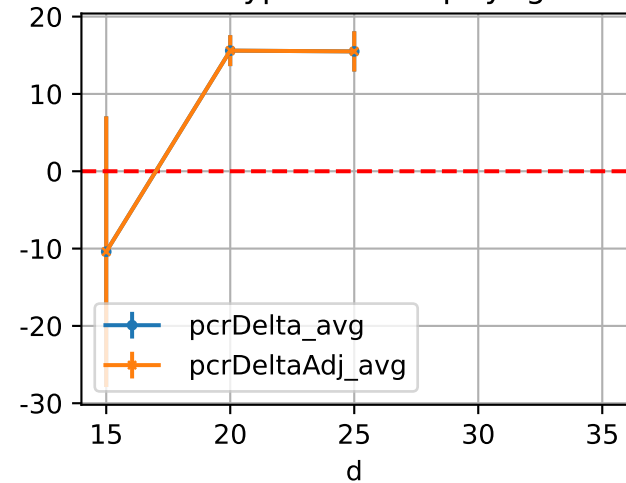


NdD: model est vs obsOv@Q50

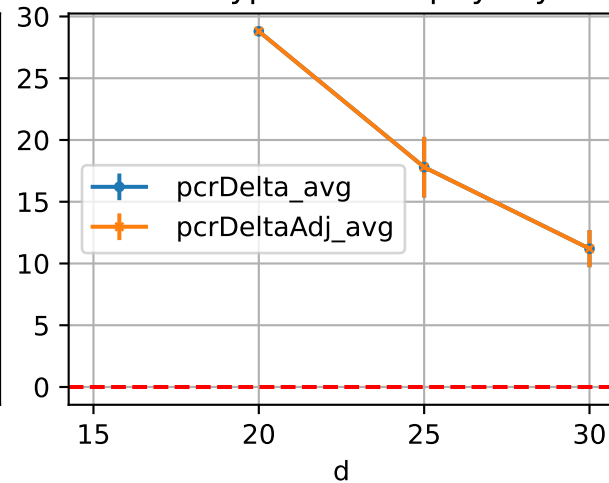


G3-11 NdD: D_5d_NdD

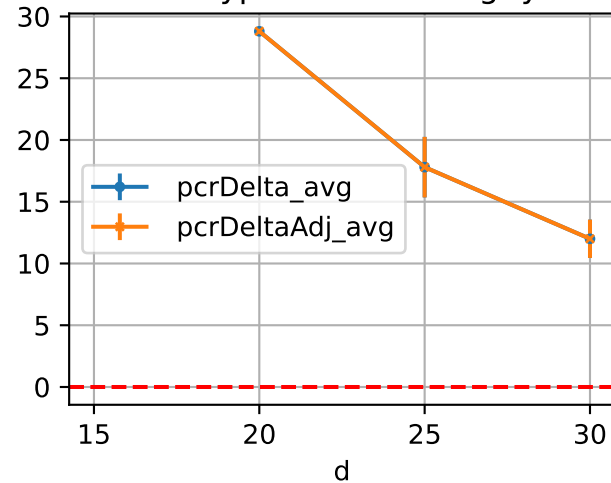
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

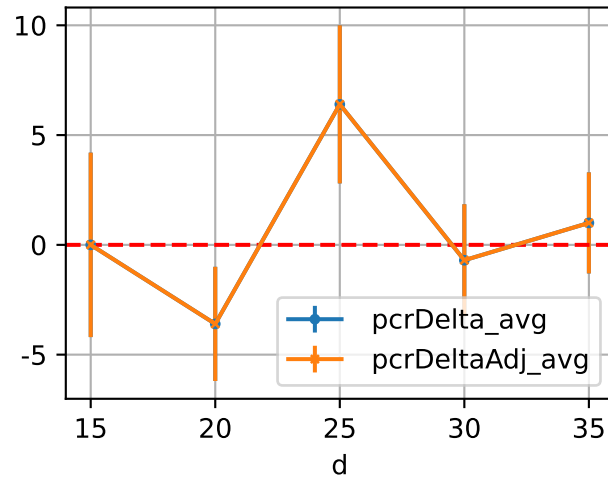




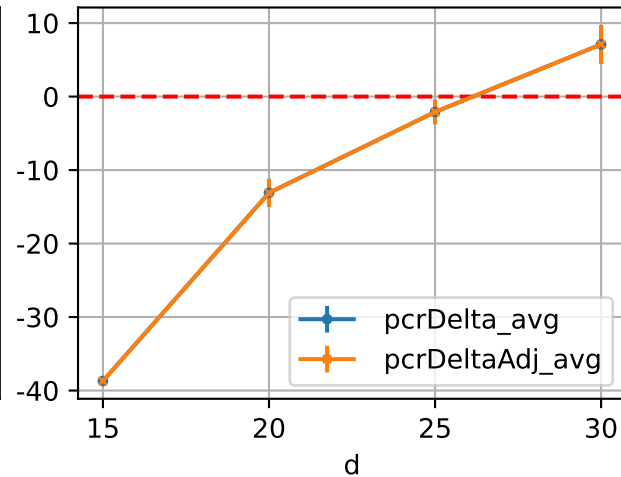
G3-11 NdD: D_Q50_NdD

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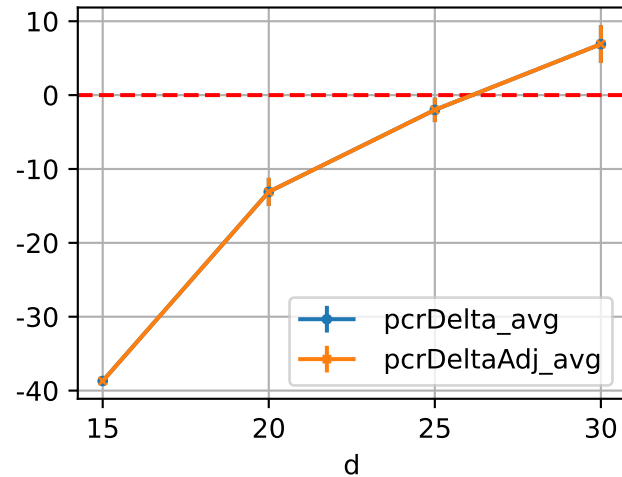
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

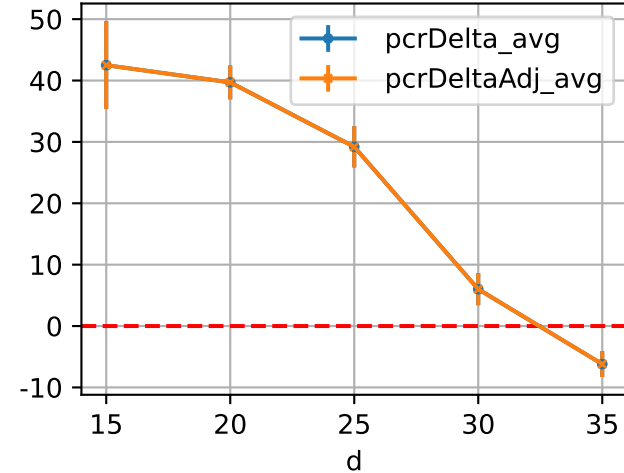


DeltaTypeAbbr=WeiAvgByD

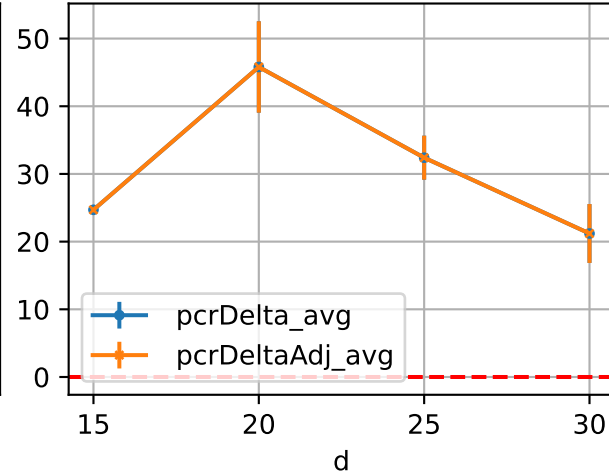


G3-11 NdD: D_Est_NdD

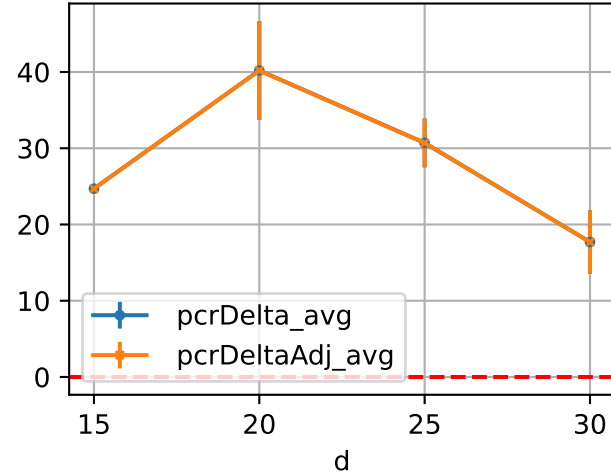
DeltaTypeAbbr=GrpByAge



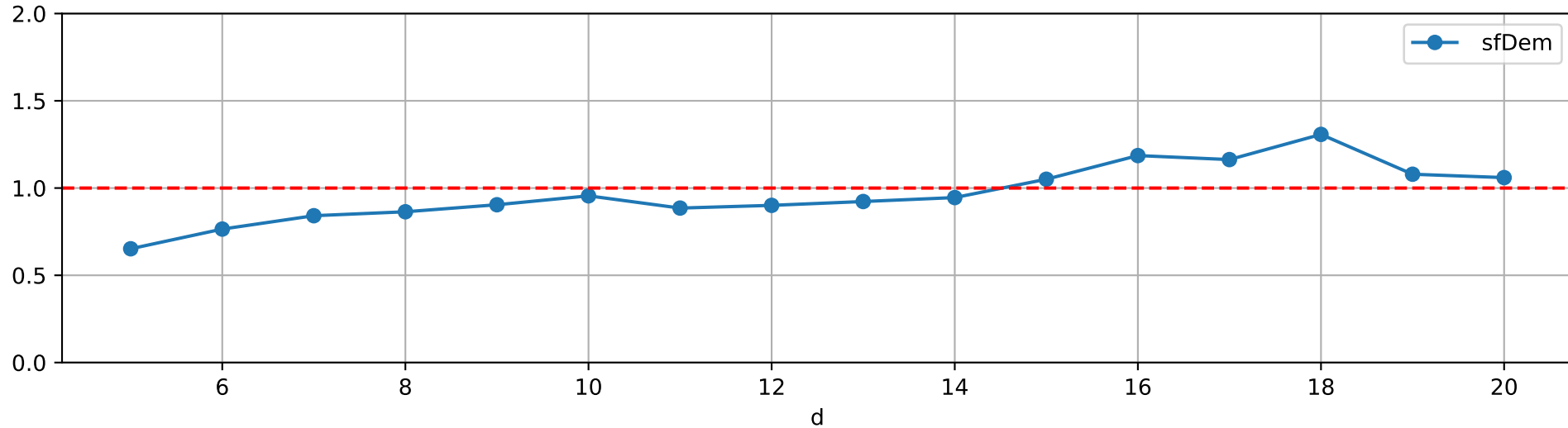
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

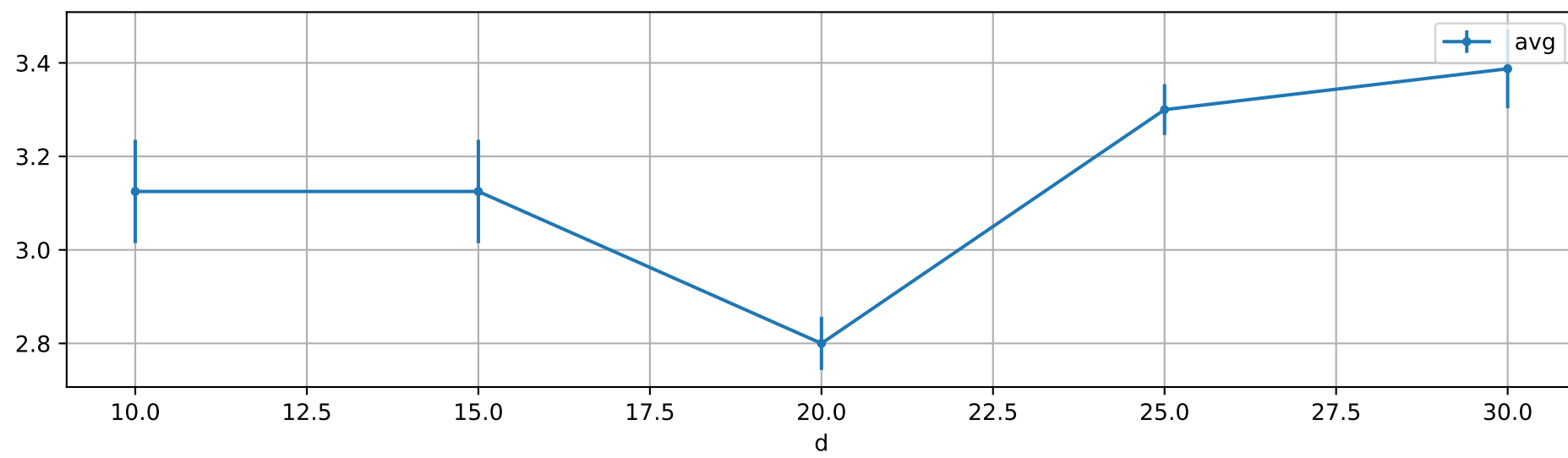


NdD: sfDem

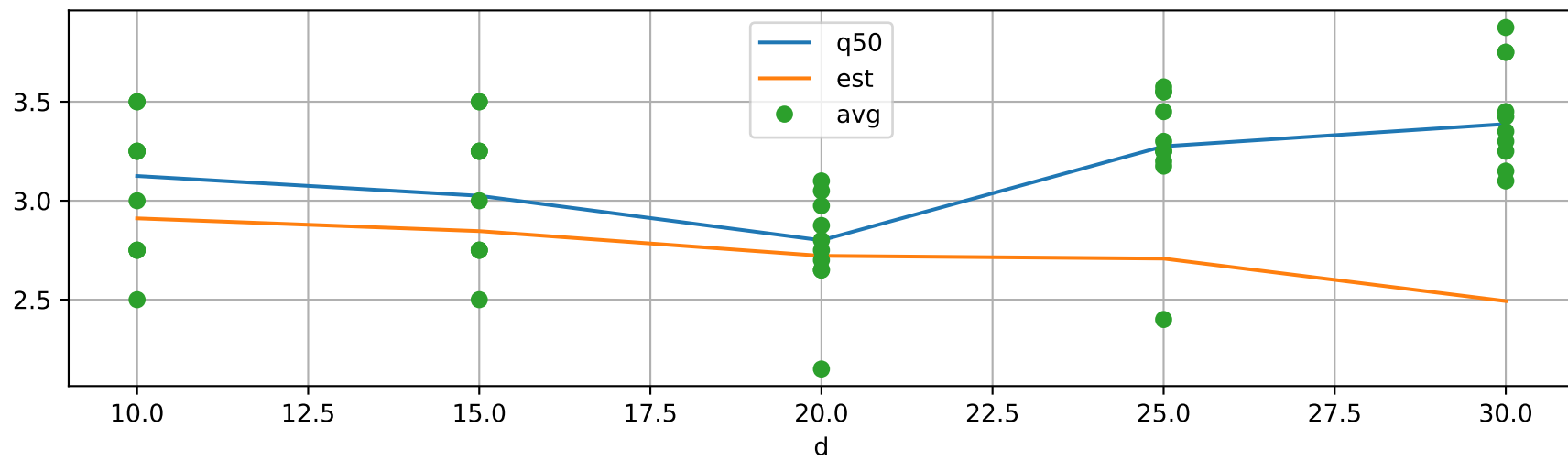




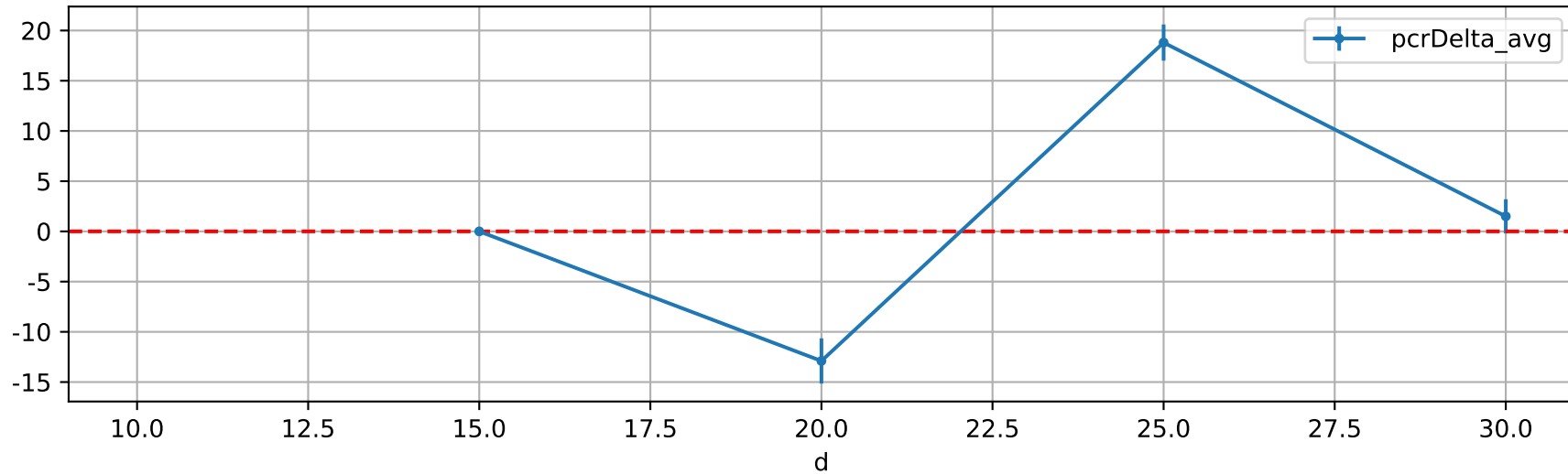
dStH: avg vs. d



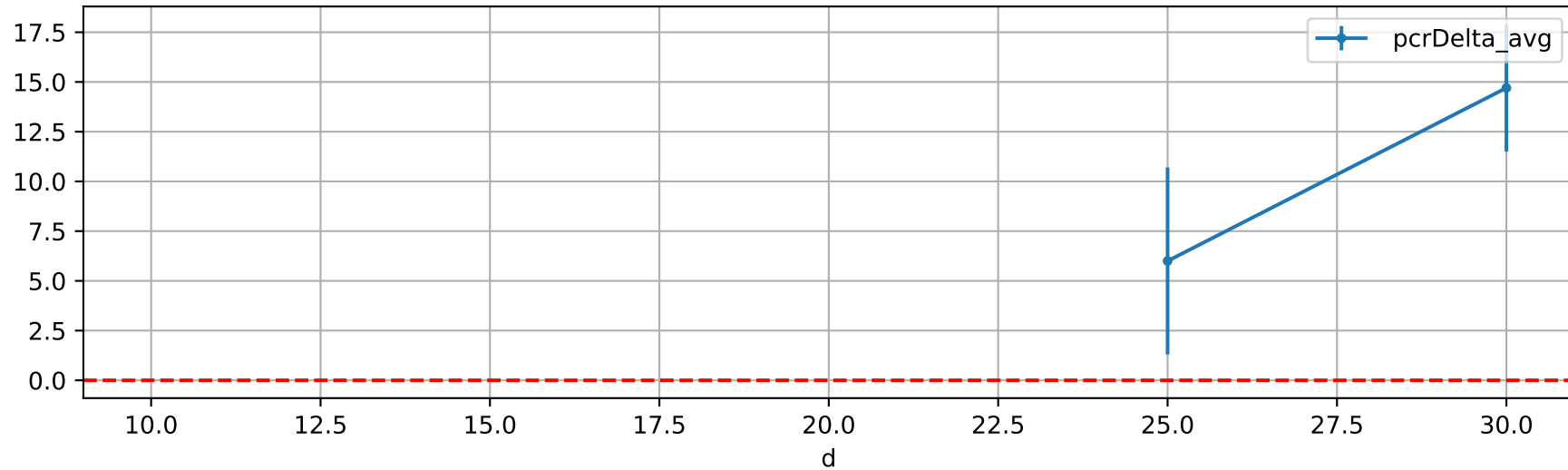
dStH: obsAvg vs obsOv@Q50



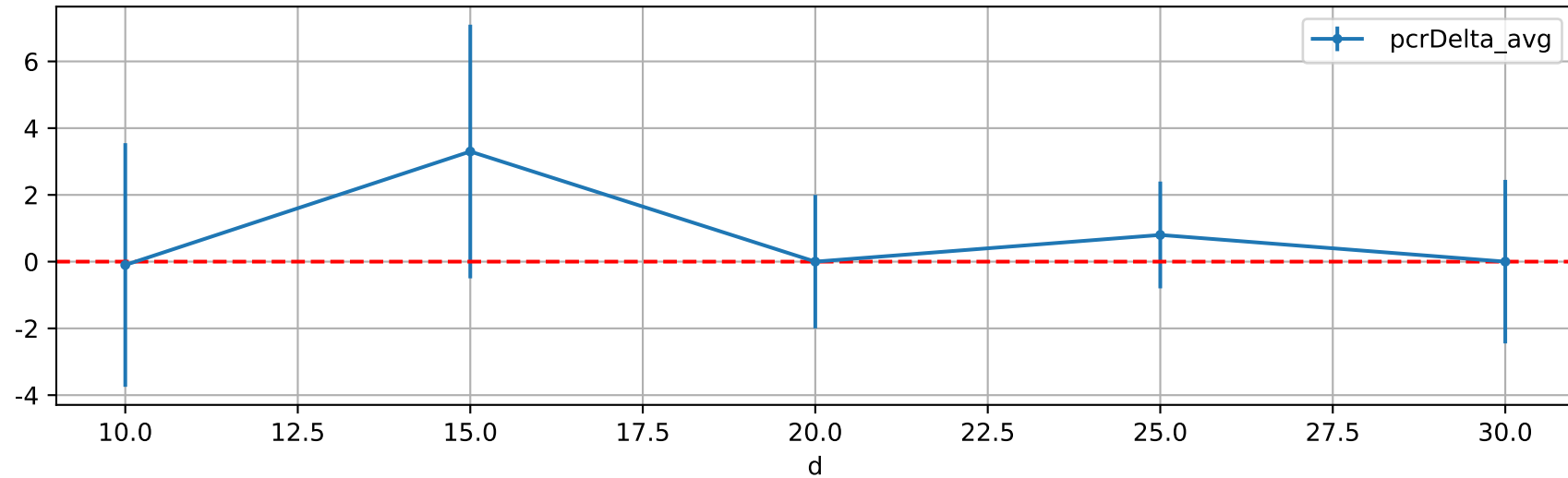
dStH: D_5d_StH



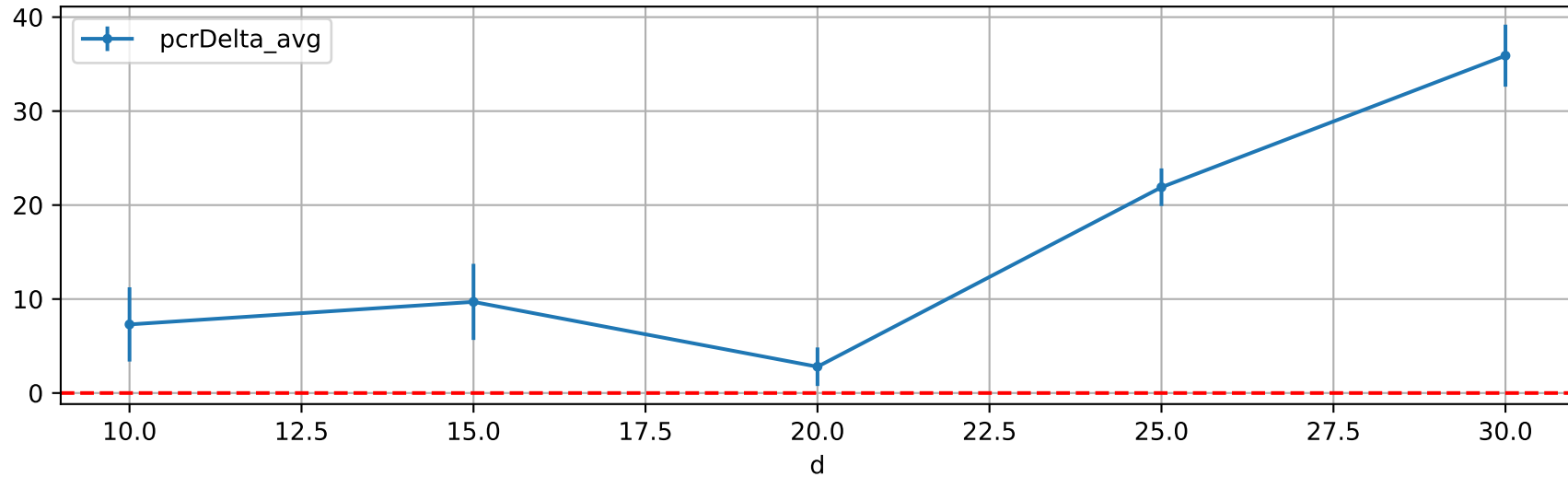
dStH: D_15d_StH



dStH: D_Q50_StH



dStH: D_Est_StH



dStH: sfDem

