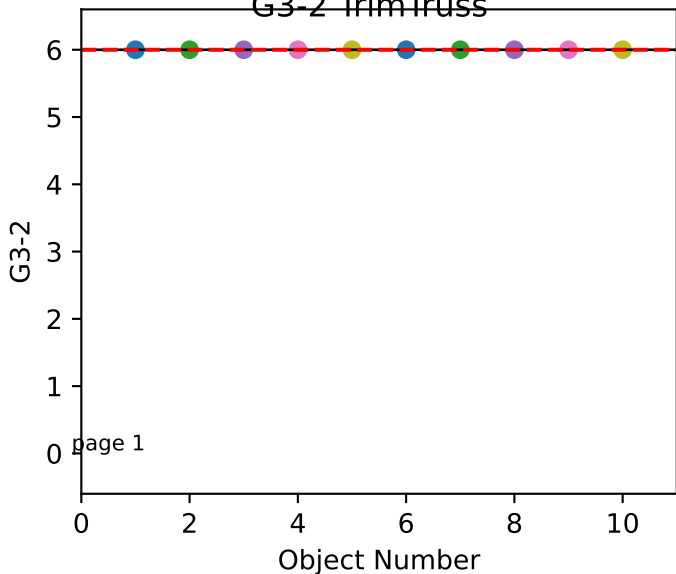


*Phenotype Data Analysis Plots*  
*PhenoData day range = 15 - 34*  
*Analysis cutoff day = 34*  
*NC11 G3-2*  
*2025-06-16 (Day 35)*

TrussNodeMaxPerStem (Def=6.0 Set=6)

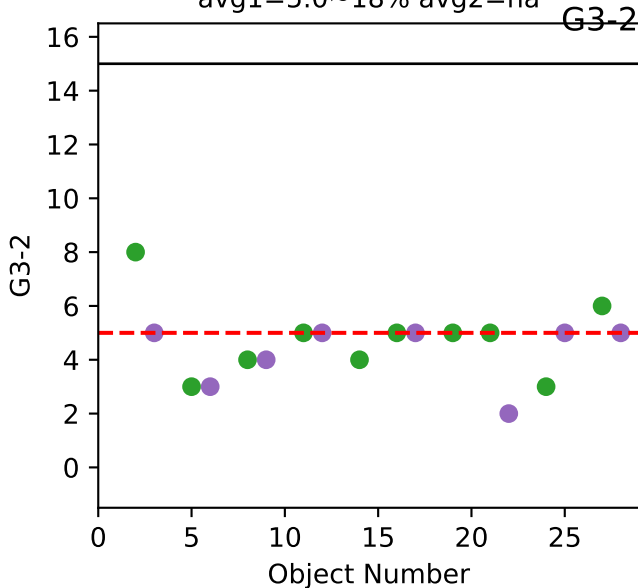
avg1=6.0~0% avg2=na

G3-2 Trim Truss

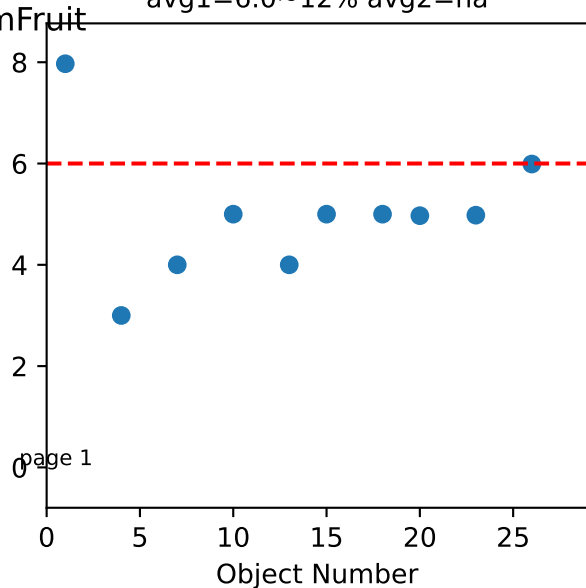


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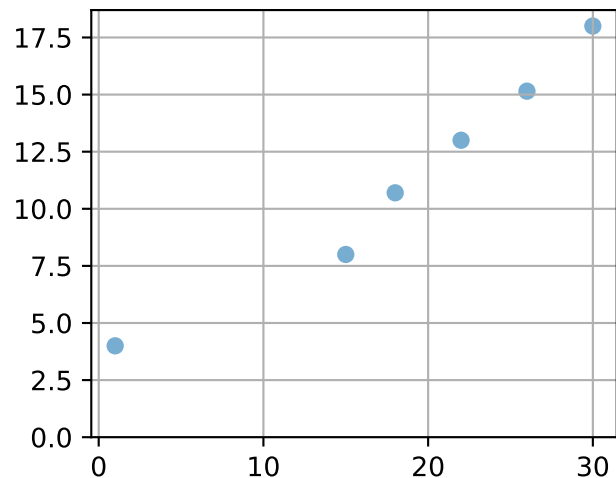
FruitNumAvgPerTruss (Def=15 Set=5)  
avg1=5.0~18% avg2=na



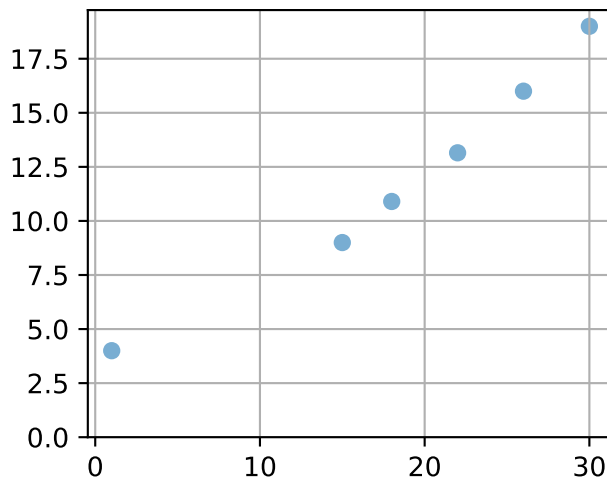
FruitNumMaxPerTruss (Def=na Set=6)  
avg1=6.0~12% avg2=na



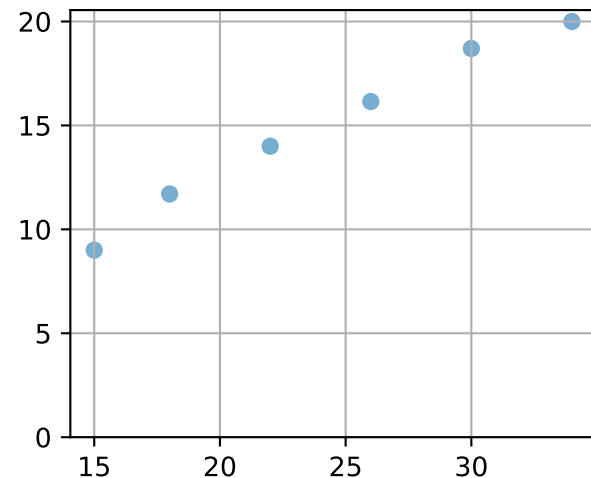
G3-2-108-72 (fit failed)



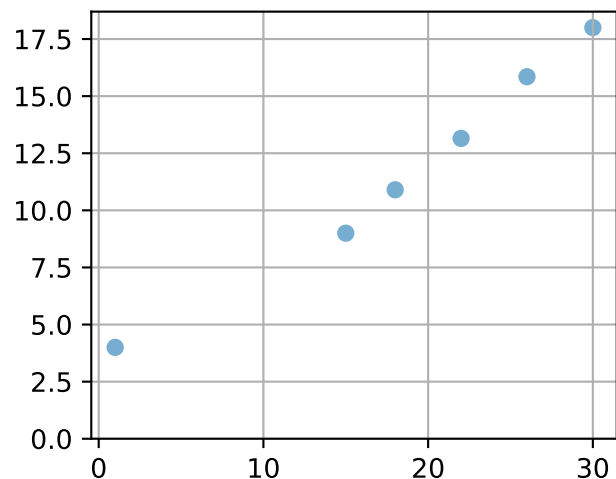
G3-2-114-21 (fit failed)



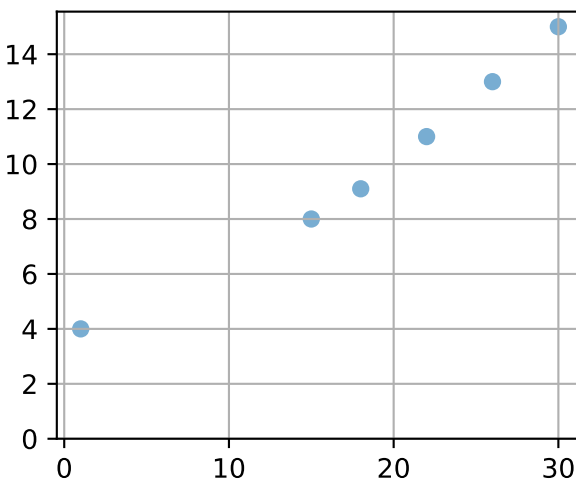
G3-2-12-13 (fit failed)



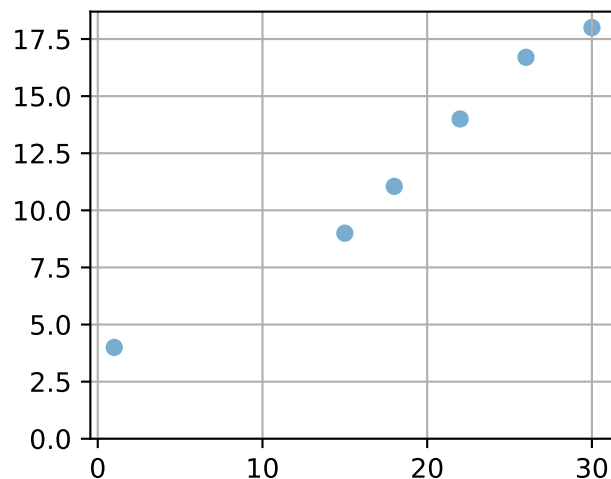
G3-2-14-40 (fit failed)



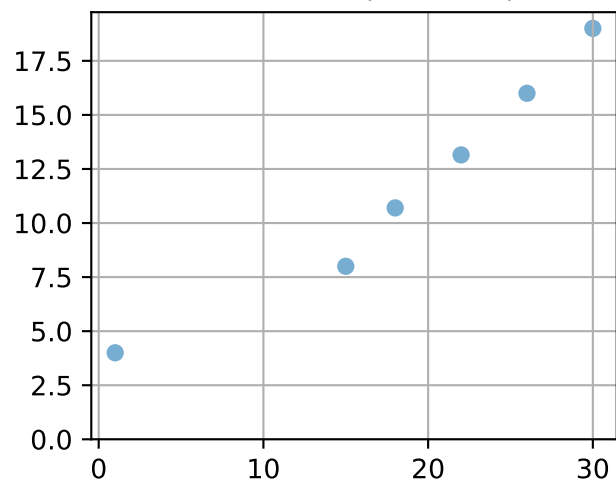
G3-2-25-36 (fit failed)



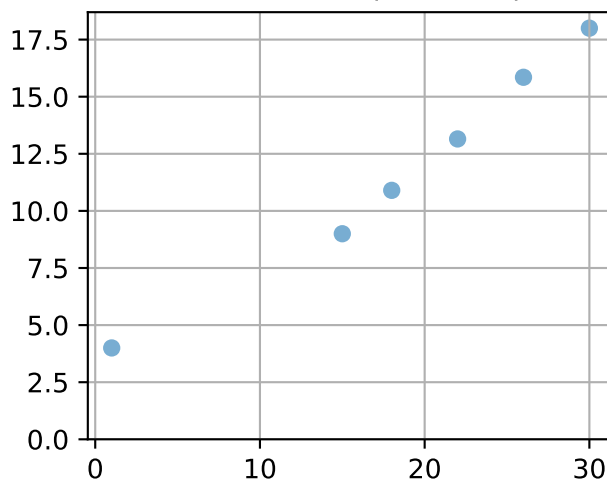
G3-2-36-67 (fit failed)



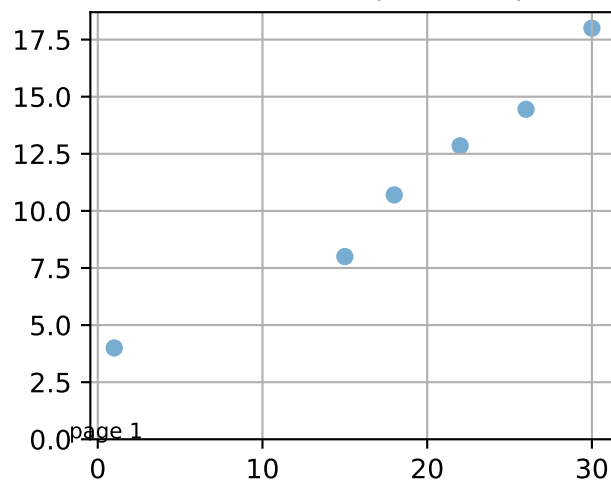
G3-2-51-4 (fit failed)



G3-2-63-12 (fit failed)

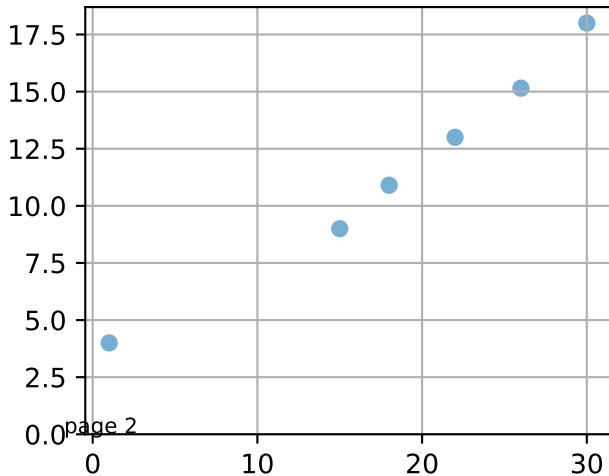


G3-2-79-66 (fit failed)

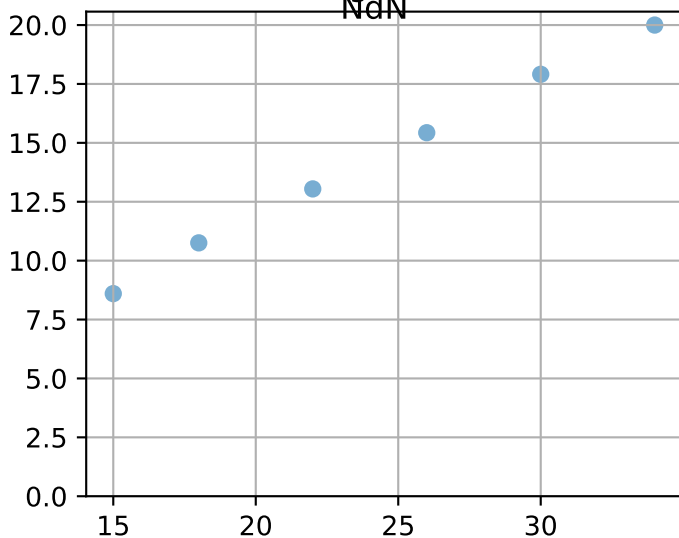


# G3-2-84-44 (fit failed)

NdN



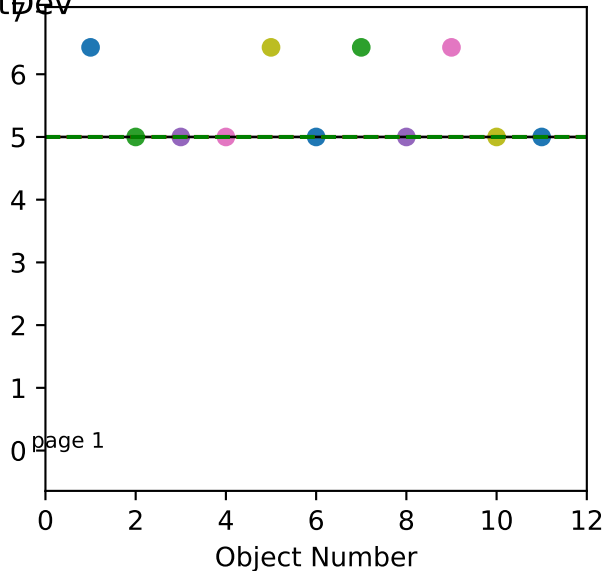
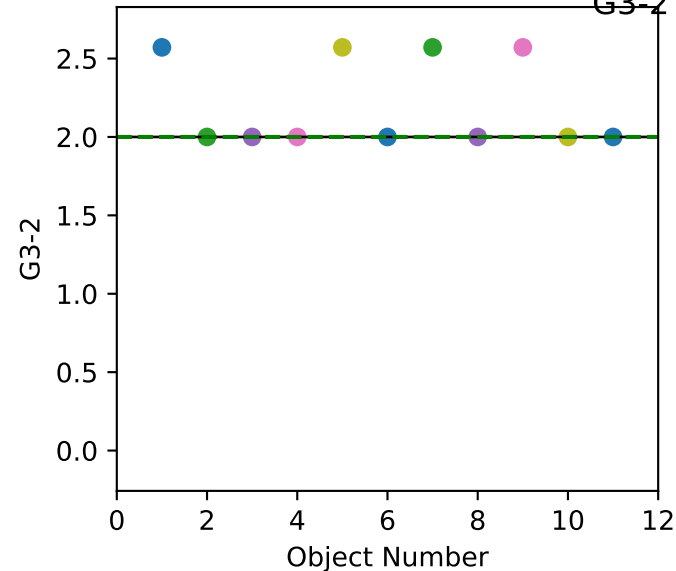
G3-2avg (fit failed)



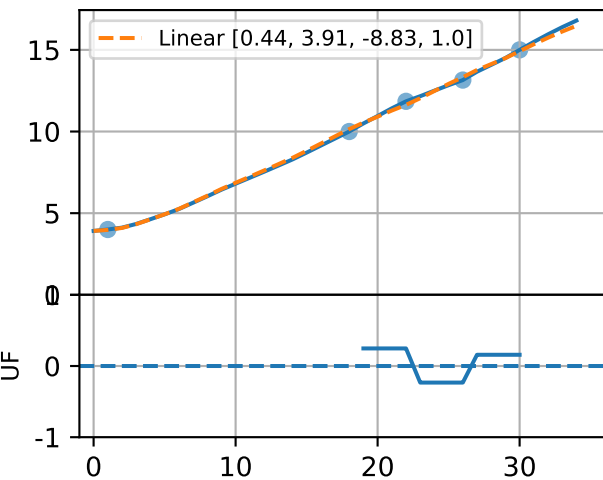
InitDev\_dm (Def=2 Set=2.0)  
avg1=2.0~15% avg2=2.0

G3-2 InitDev

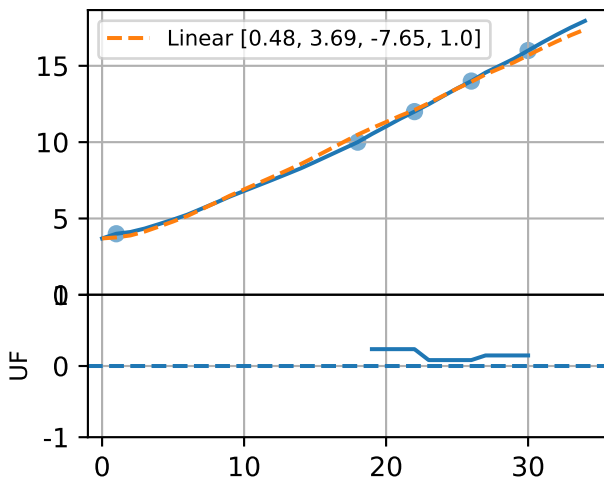
InitDev\_de (Def=5 Set=5.0)  
avg1=5.0~15% avg2=5.0



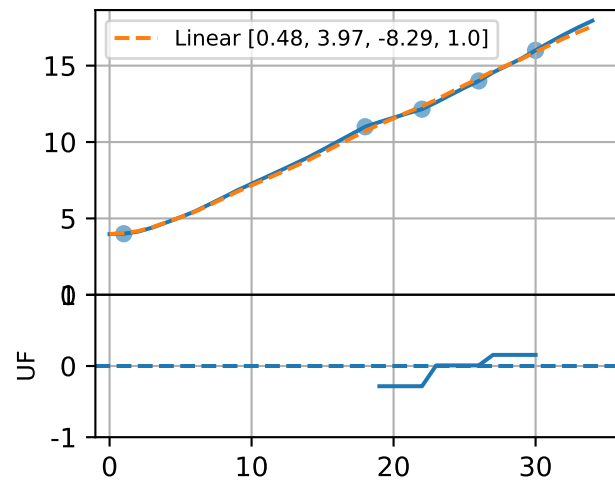
G3-2-108-72



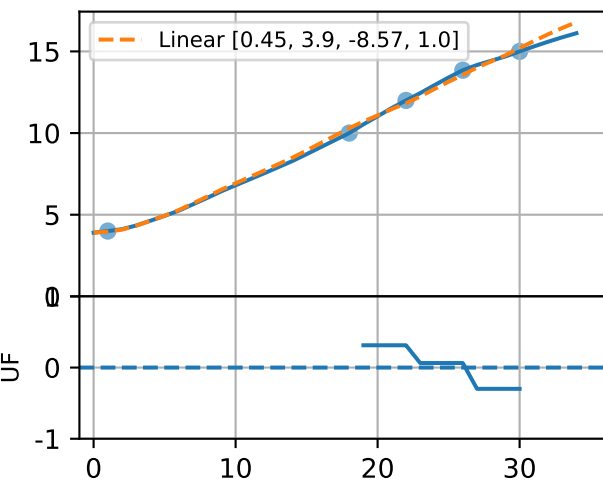
G3-2-114-21



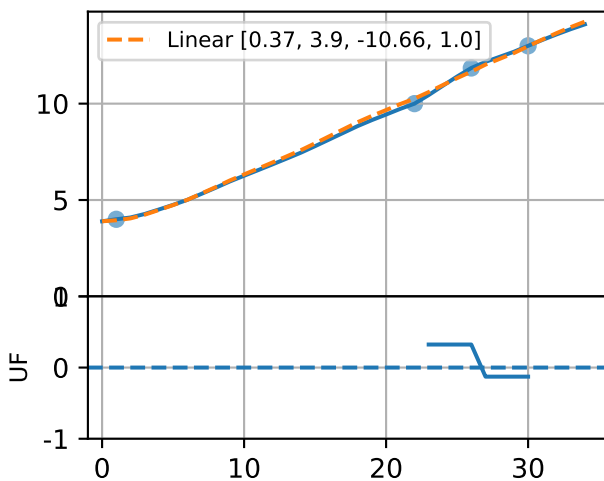
G3-2-12-13



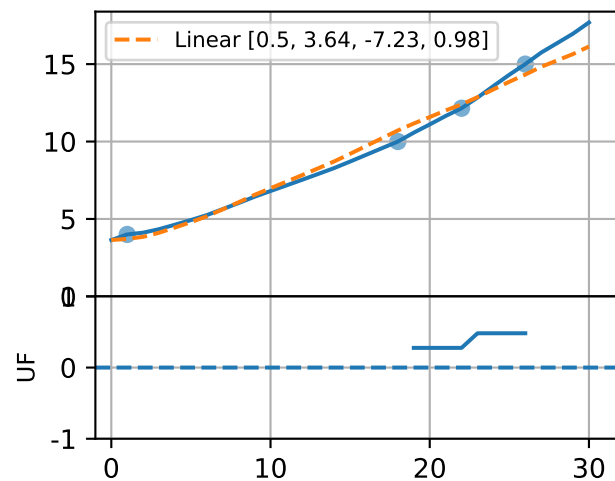
G3-2-14-40



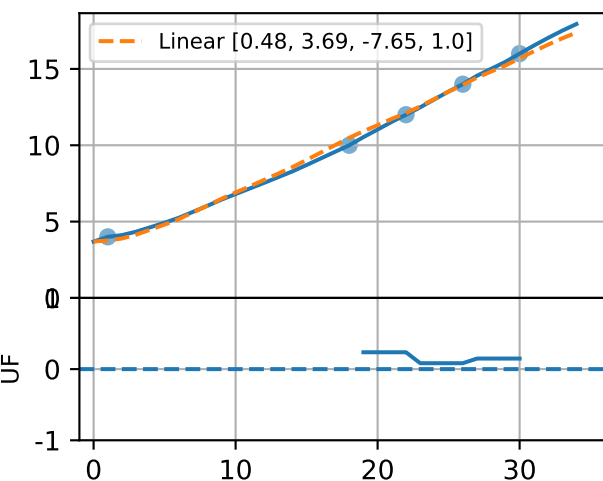
G3-2-25-36



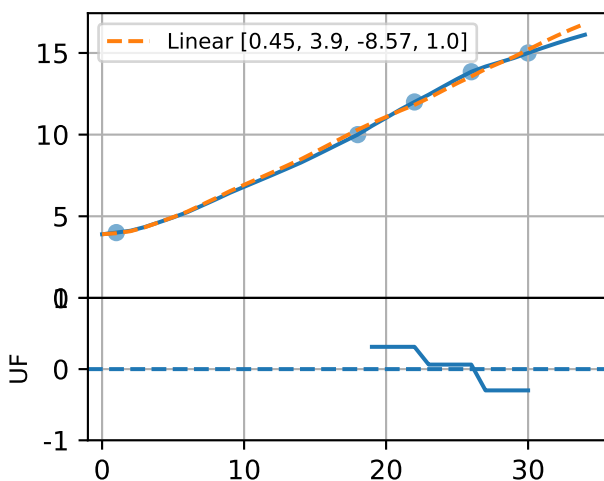
G3-2-36-67



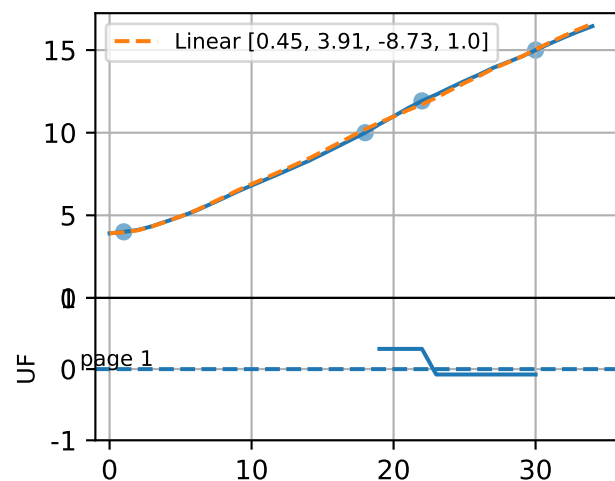
G3-2-51-4



G3-2-63-12

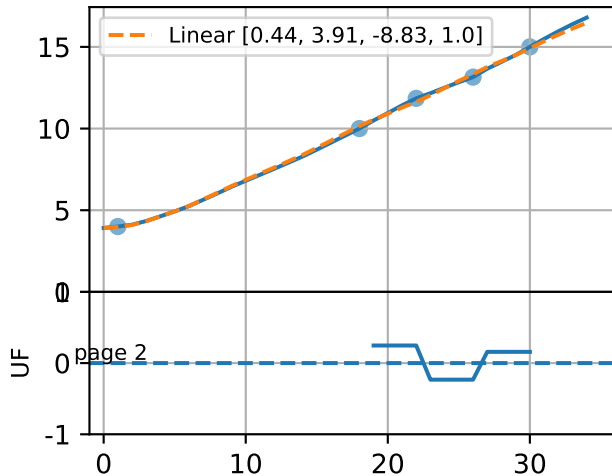


G3-2-79-66



G3-2-84-44

LfN



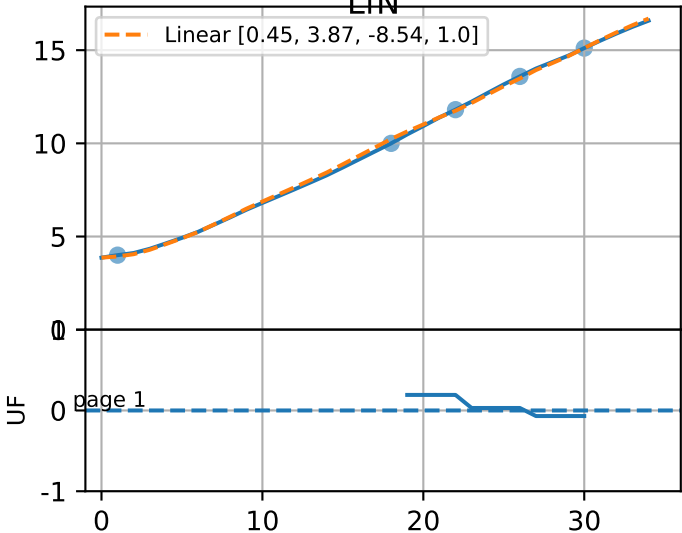
# G3-2avg

## LfN

Linear [0.45, 3.87, -8.54, 1.0]

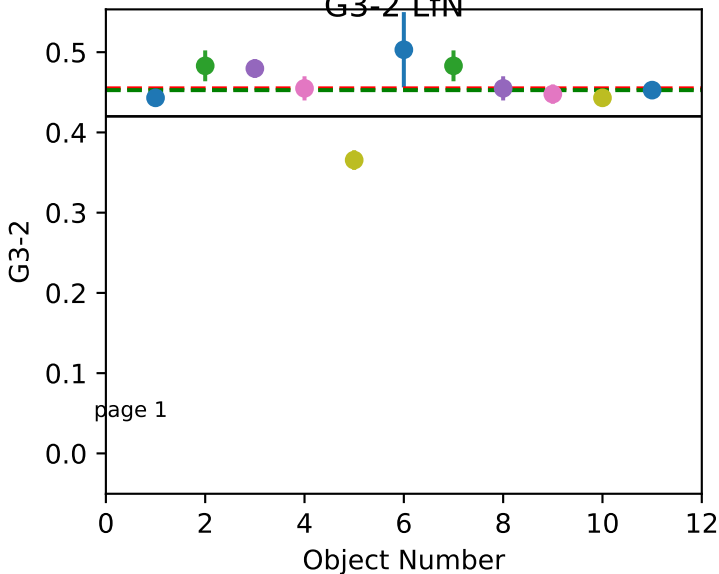
UF

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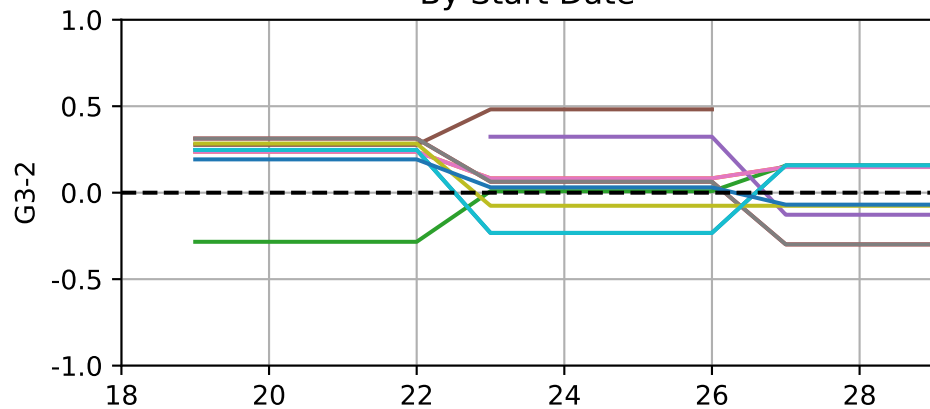
a (Def=0.42 Set=0.45)  
avg1=0.45~5% avg2=0.45~6%

G3-2 LfN

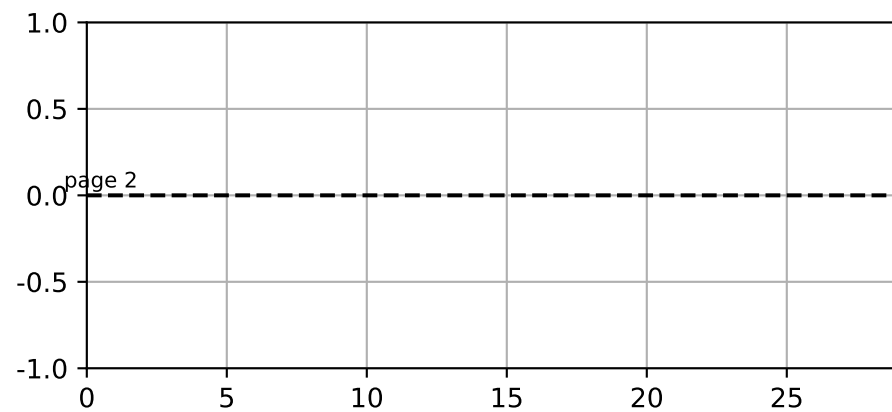
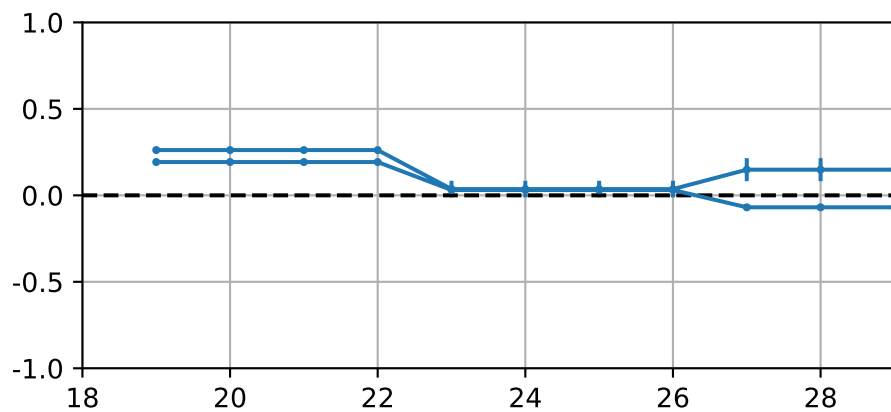
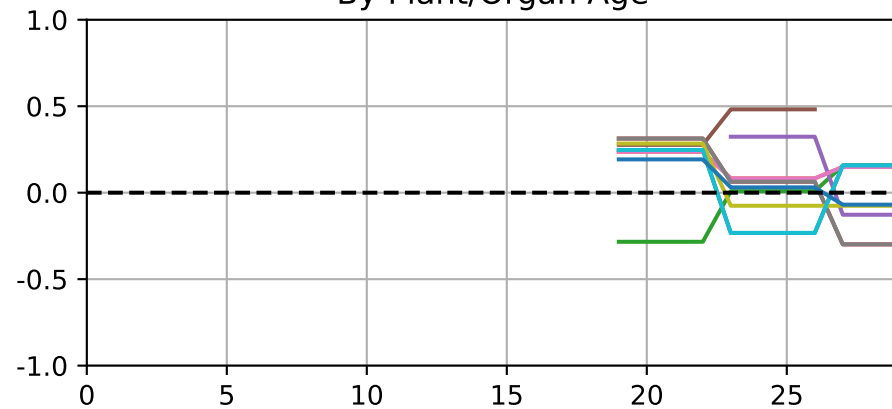


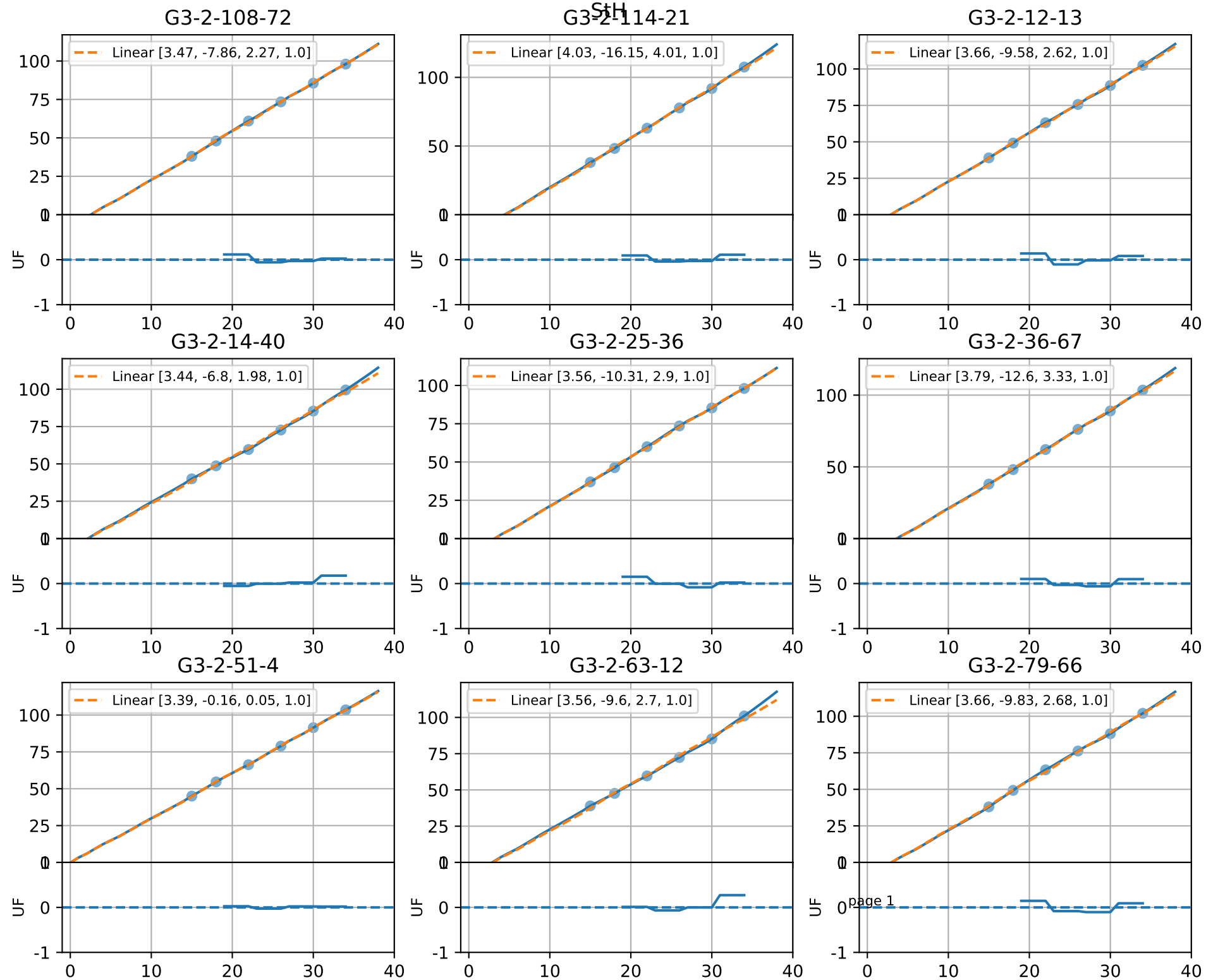
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By Start Date



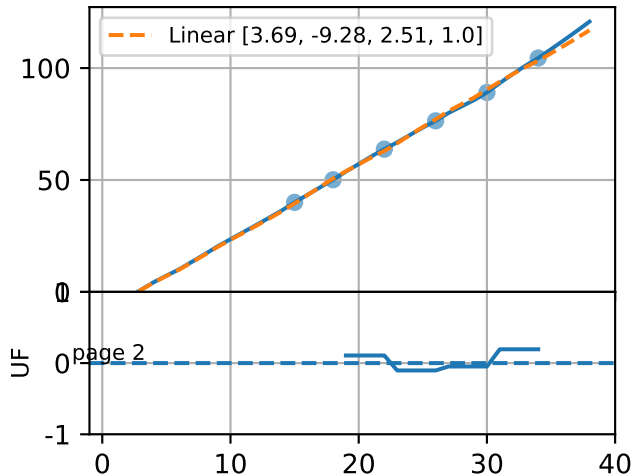
By Plant/Organ Age



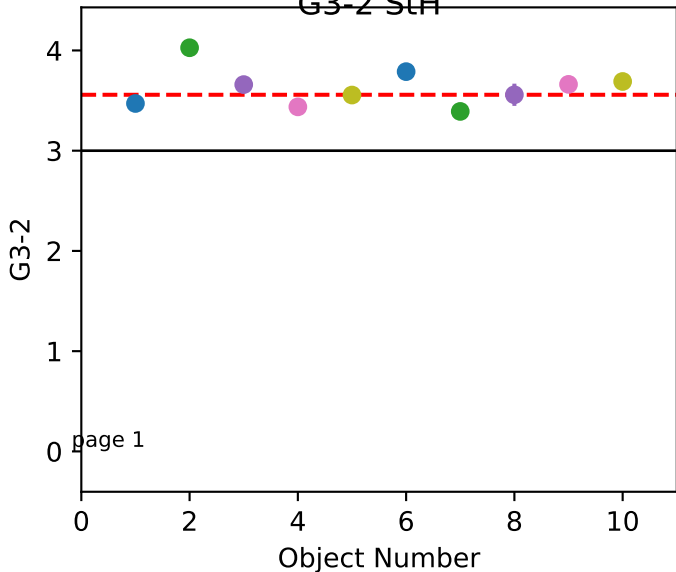


# G3-2-84-44

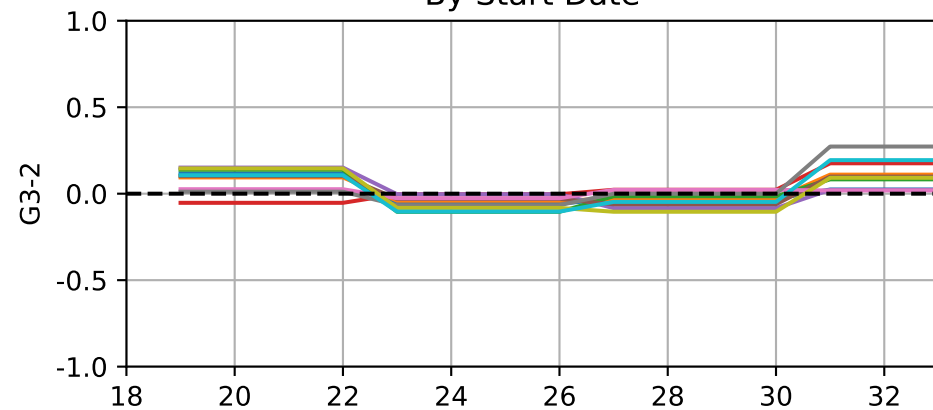
StH



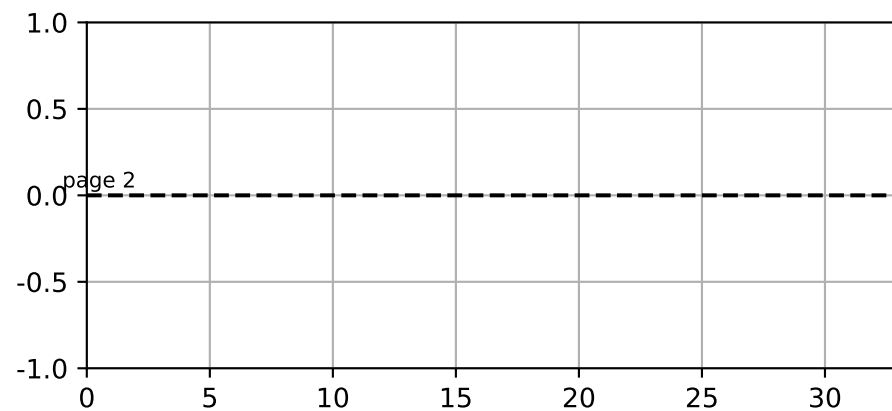
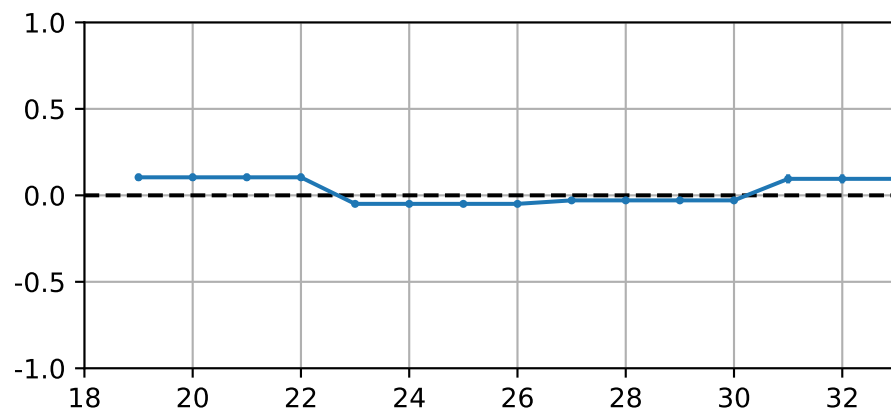
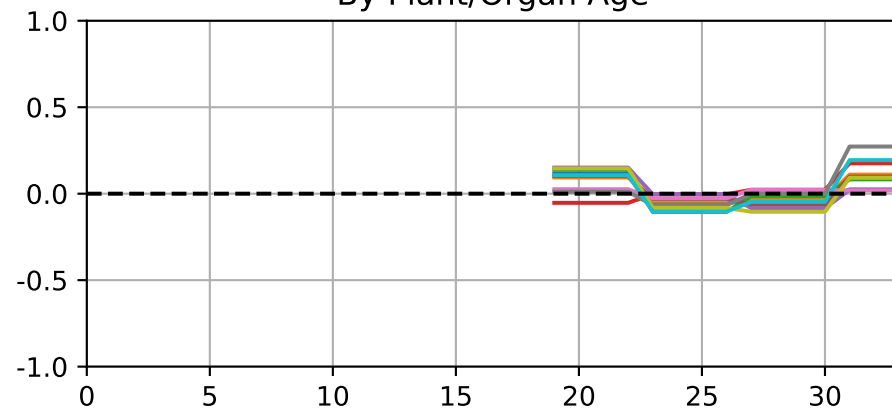
a (Def=3 Set=3.56)  
avg1=3.56~4% avg2=na  
G3-2 StH



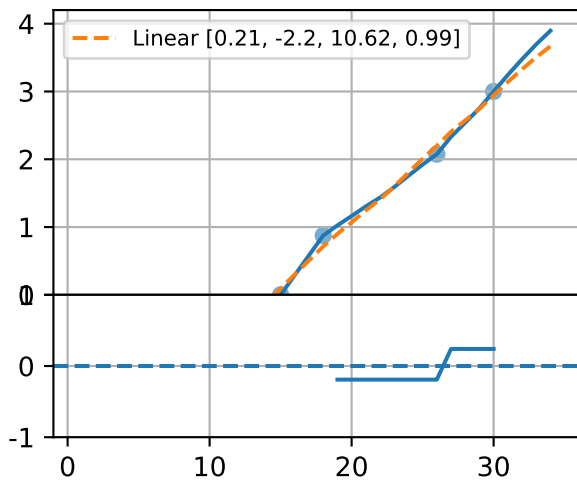
By Start Date



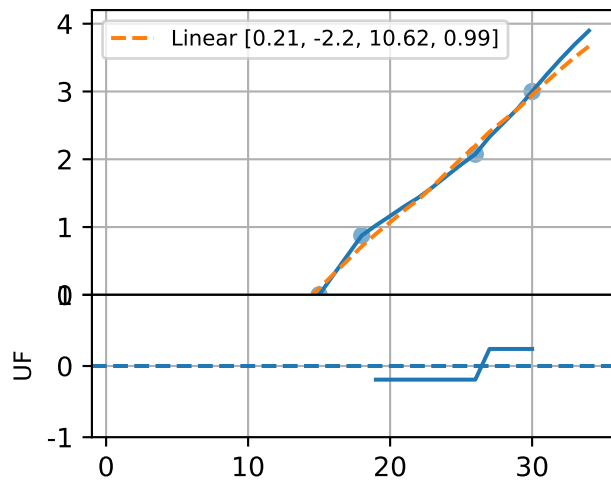
By Plant/Organ Age



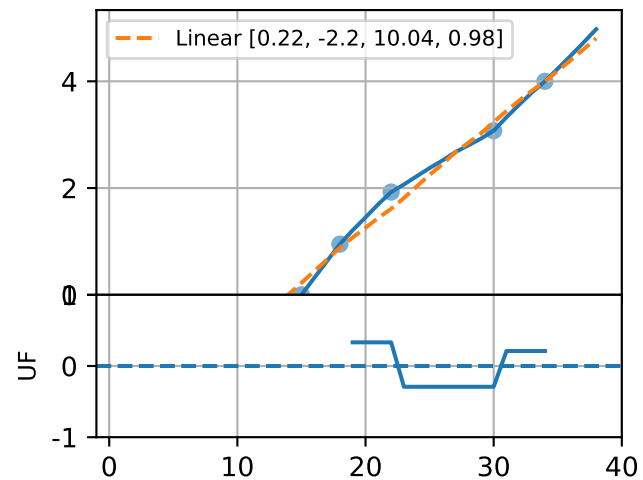
G3-2-108-72



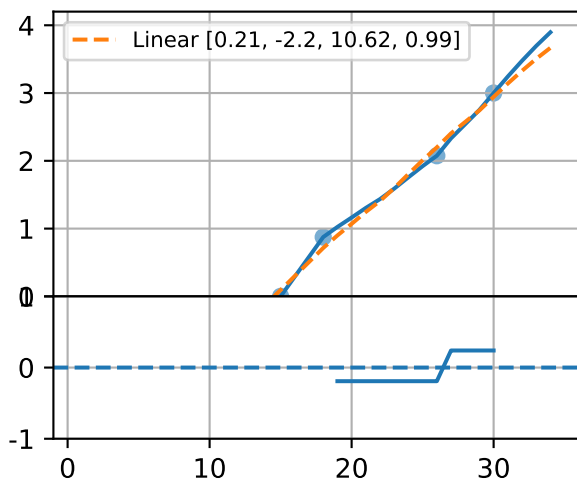
G3-2-114-21



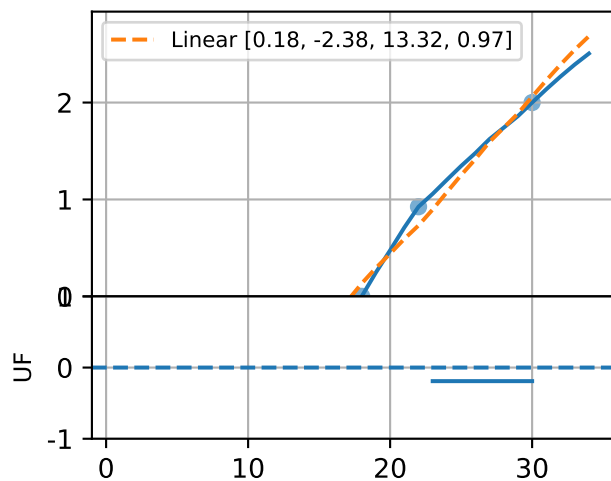
G3-2-12-13



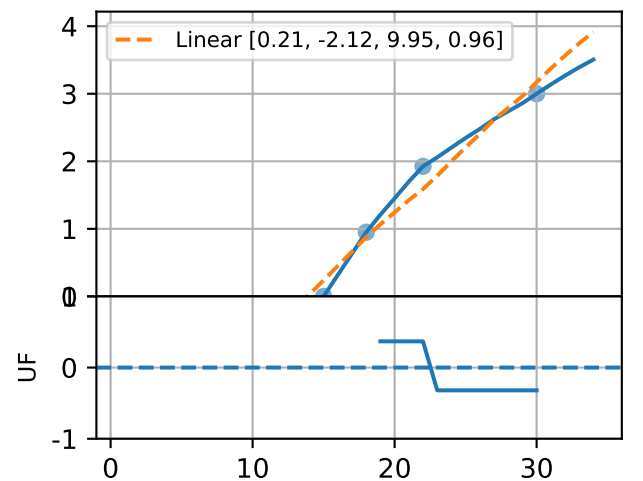
G3-2-14-40



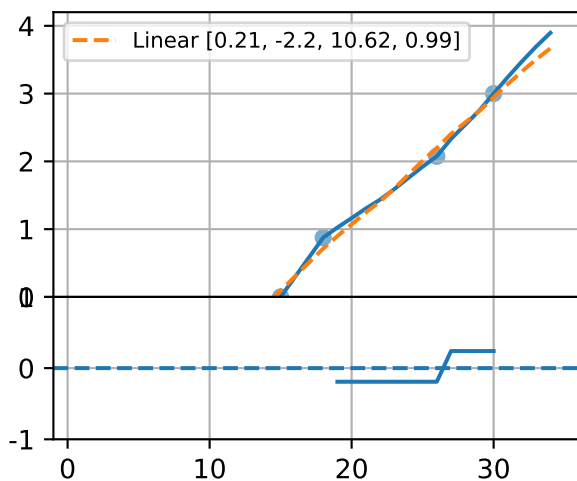
G3-2-25-36



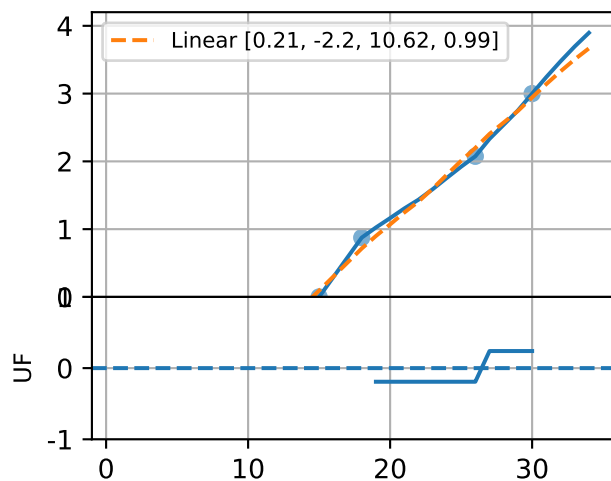
G3-2-36-67



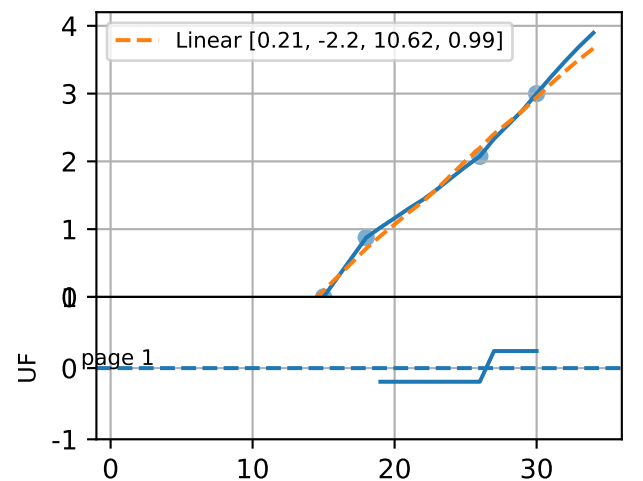
G3-2-51-4



G3-2-63-12

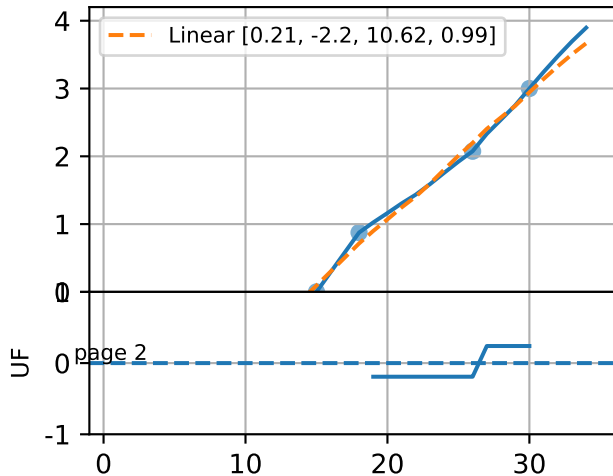


G3-2-79-66



# G3-2-84-44

TsN



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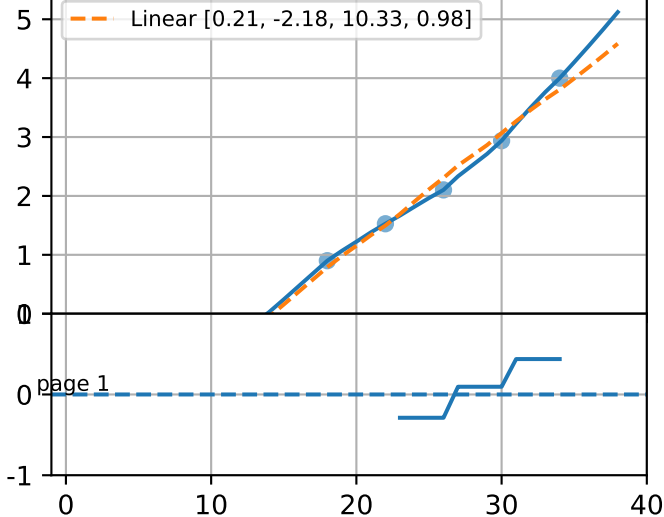
# G3-2avg

TSN

Linear [0.21, -2.18, 10.33, 0.98]

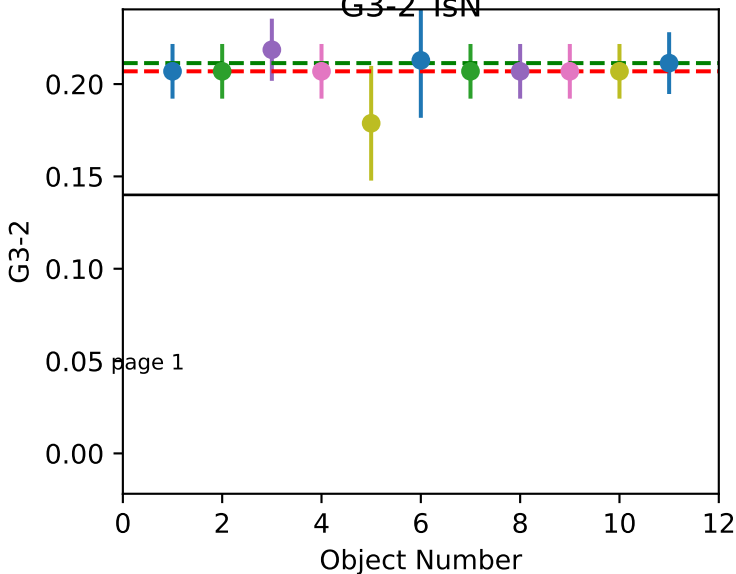
UF

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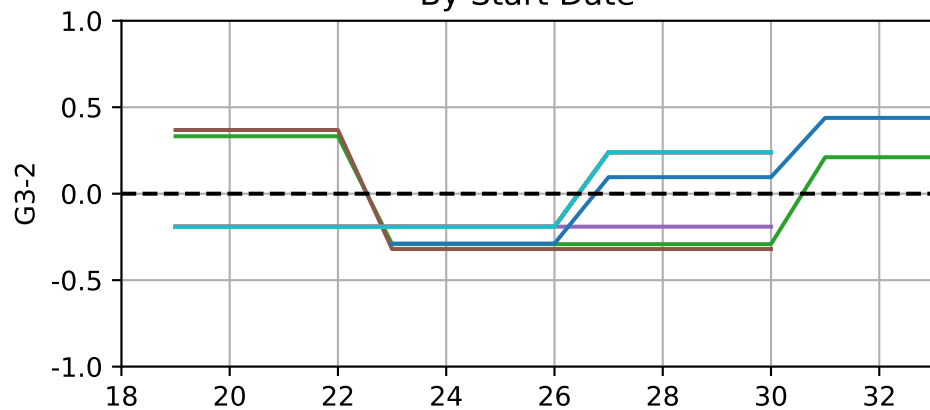


a (Def=0.14 Set=0.21)  
avg1=0.21~0% avg2=0.21~22%

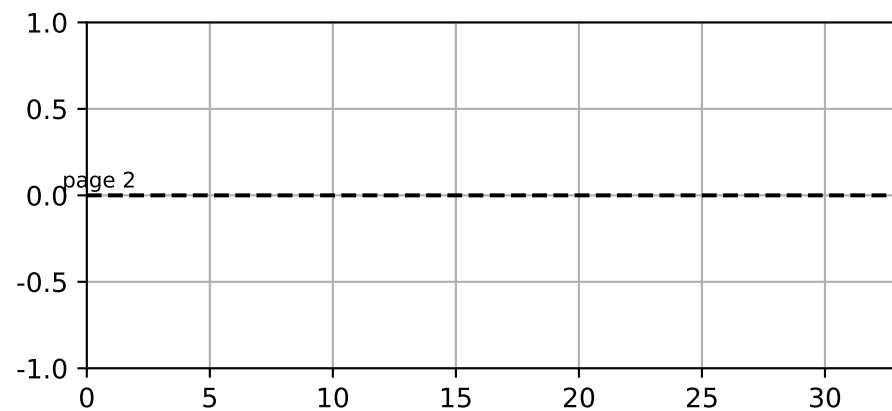
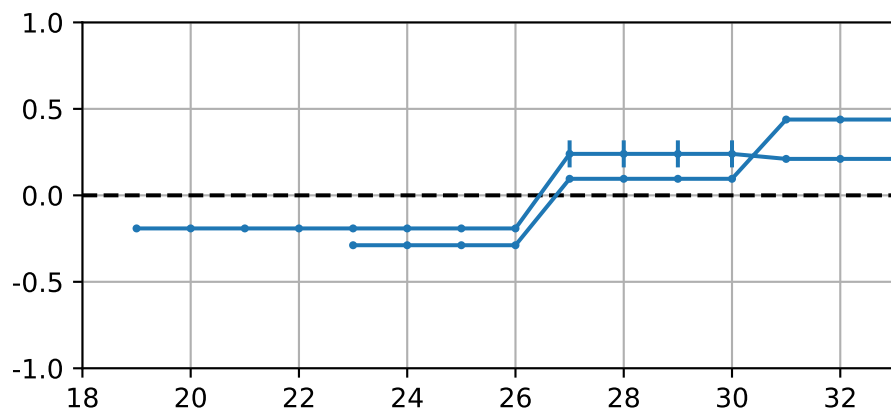
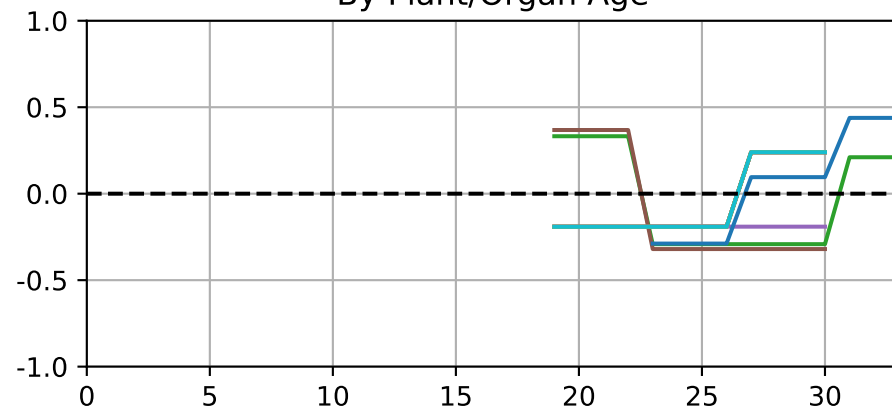
G3-2 TSN



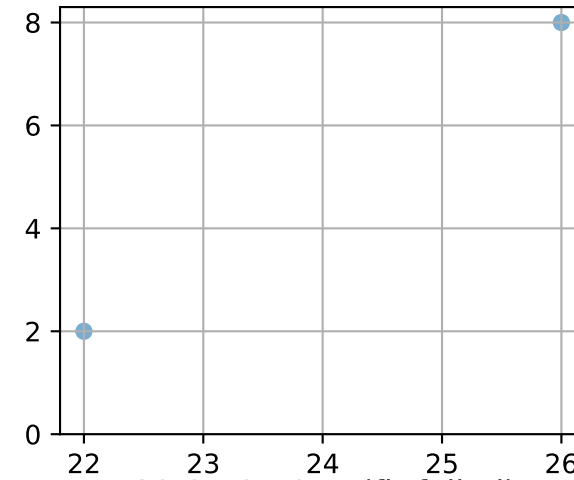
By Start Date



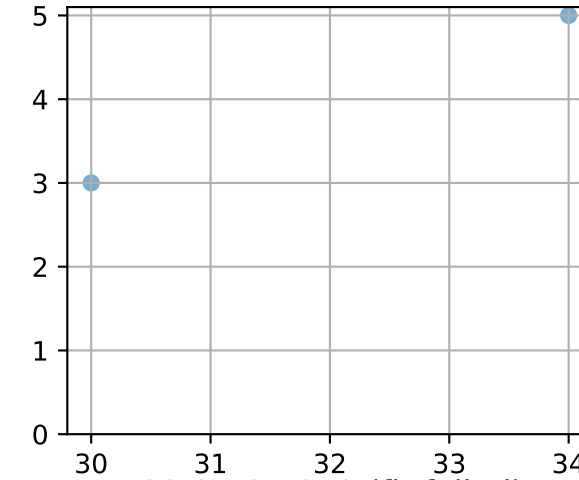
By Plant/Organ Age



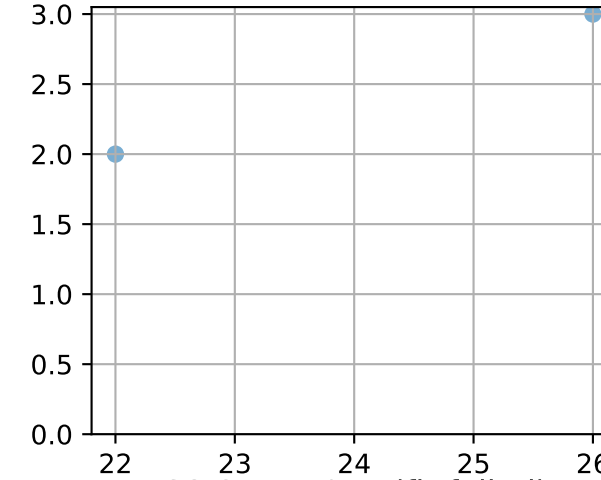
G3-2-108-72T1 (fit failed)



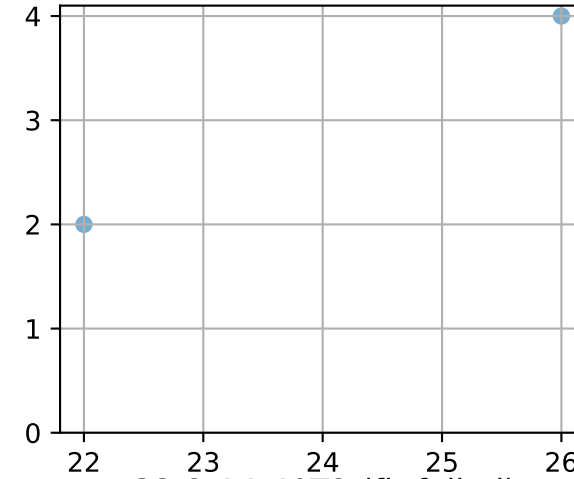
G3-2-108-72T2 (fit failed)



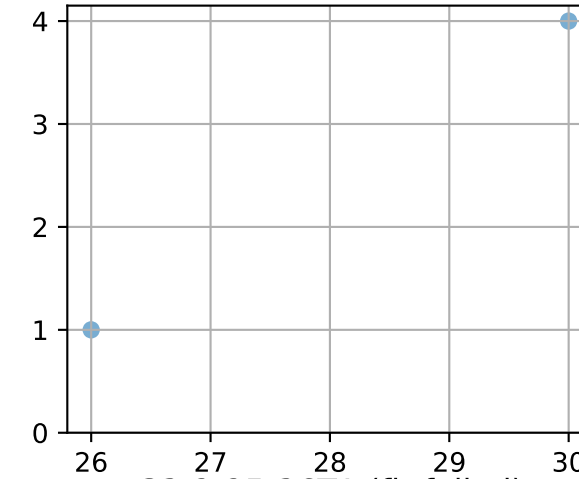
G3-2-114-21T1 (fit failed)



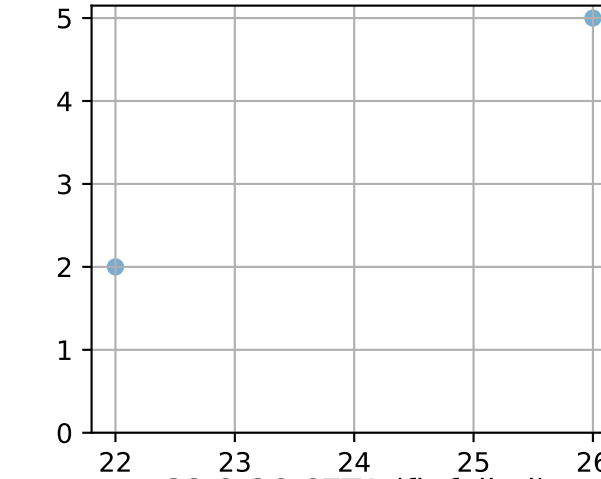
G3-2-12-13T1 (fit failed)



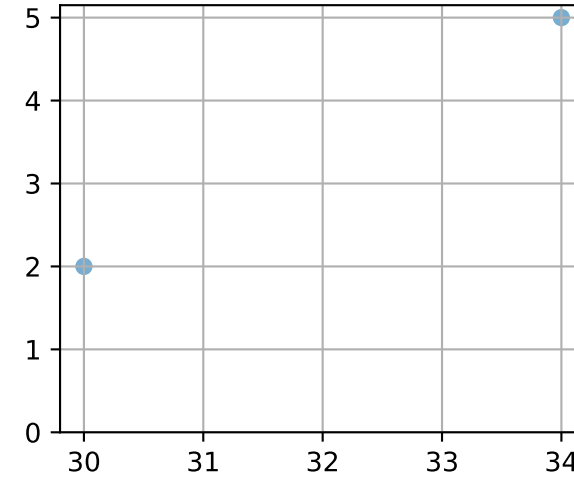
G3-2-12-13T2 (fit failed)



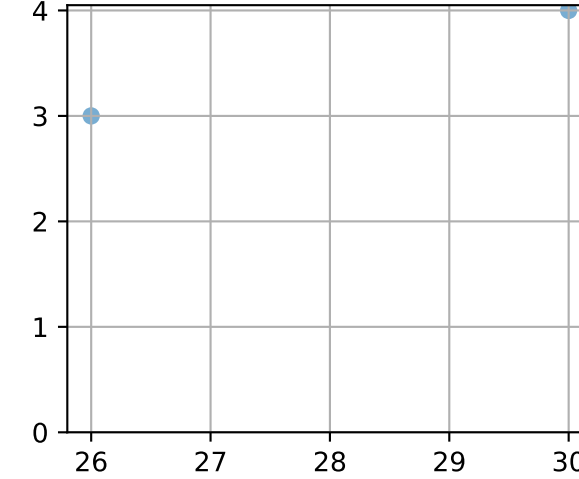
G3-2-14-40T1 (fit failed)



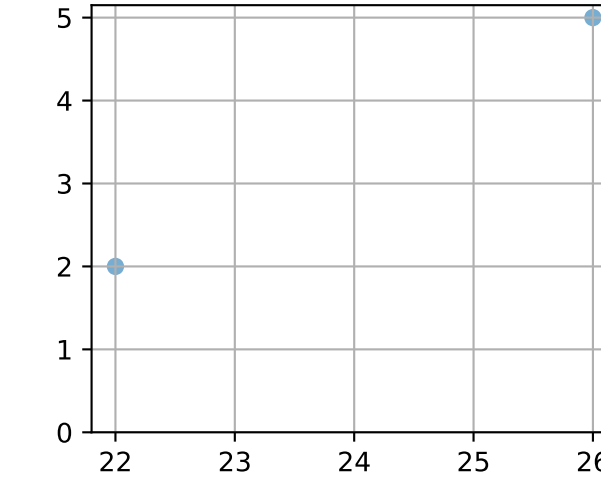
G3-2-14-40T2 (fit failed)

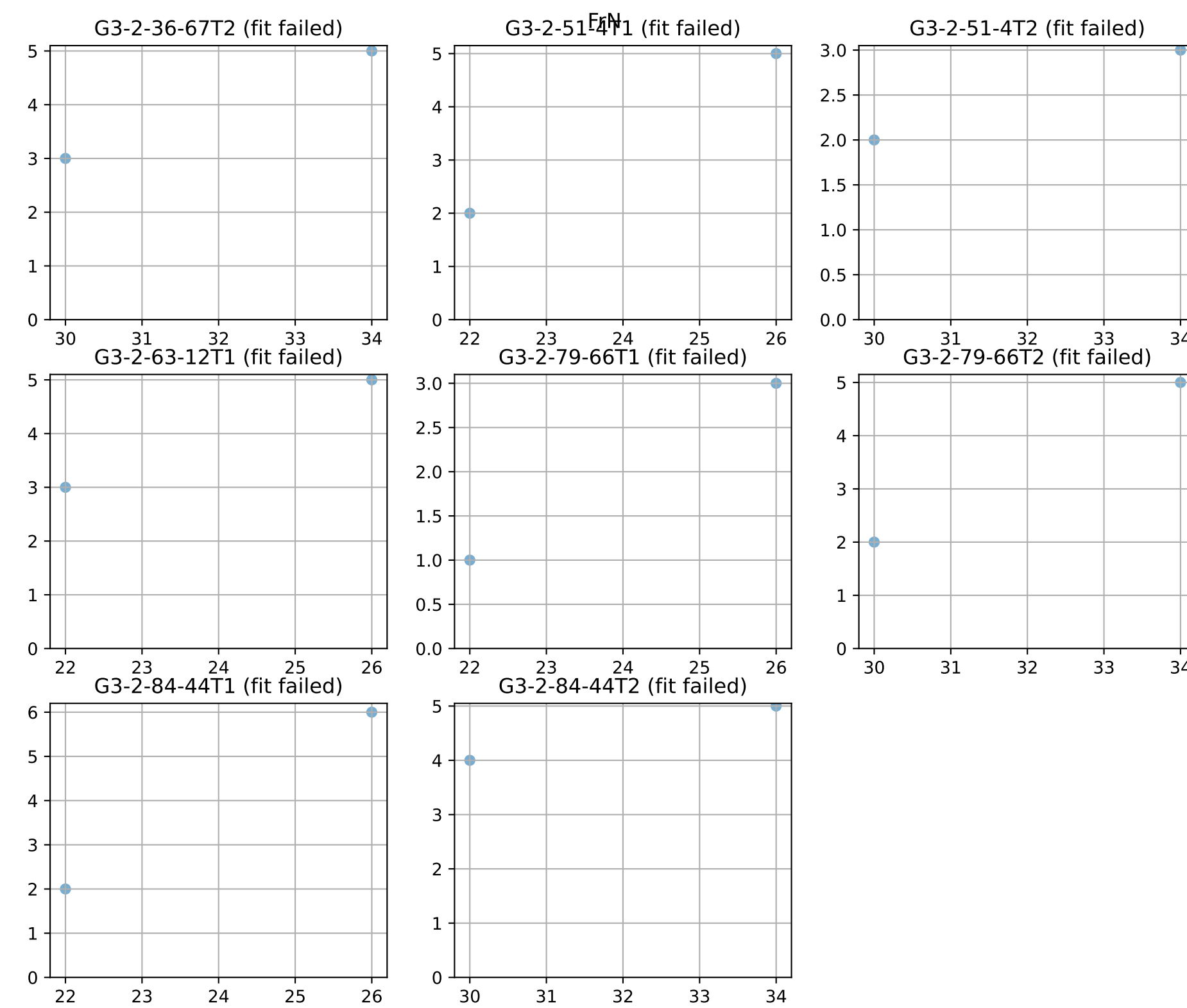


G3-2-25-36T1 (fit failed)



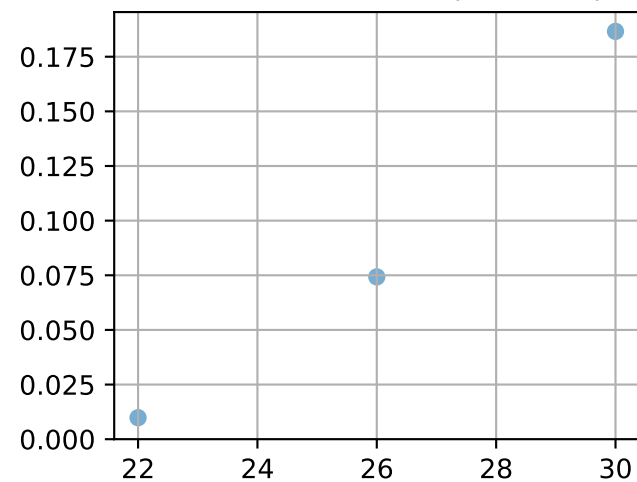
G3-2-36-67T1 (fit failed)



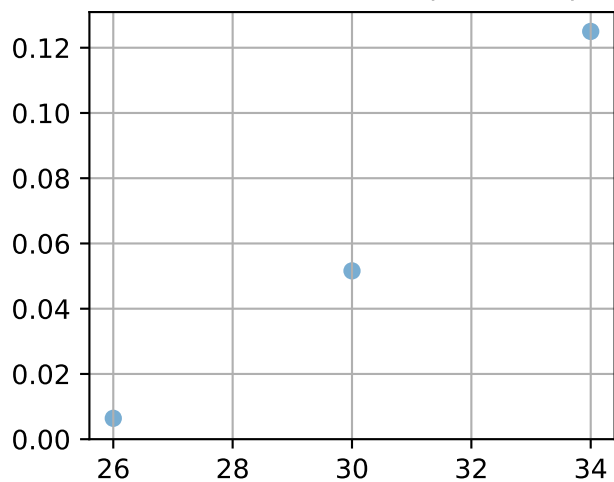


FrV

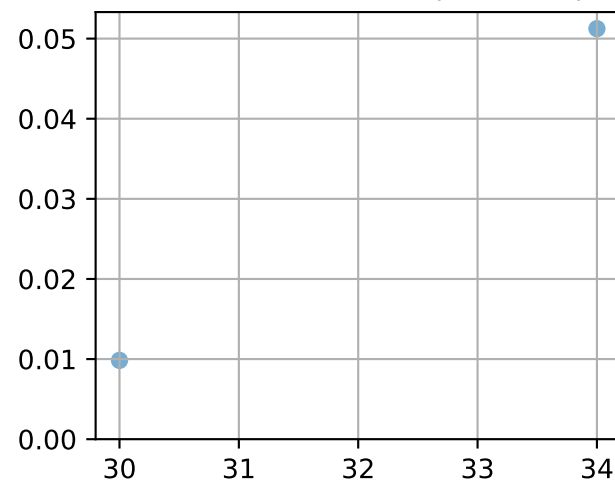
G3-2-108-72T1Fr1 (fit failed)



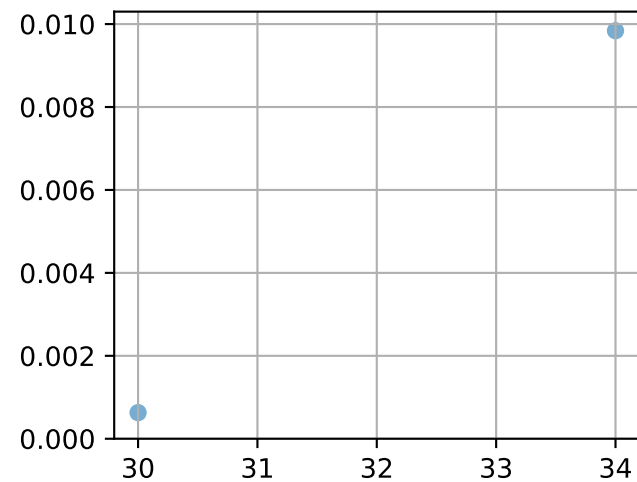
G3-2-108-72T1Fr5 (fit failed)



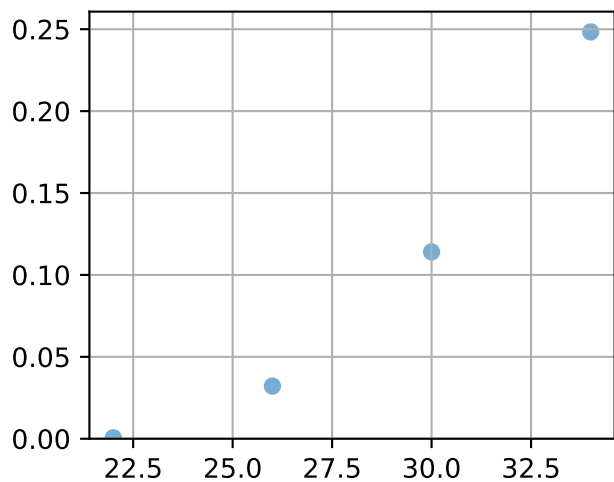
G3-2-108-72T2Fr1 (fit failed)



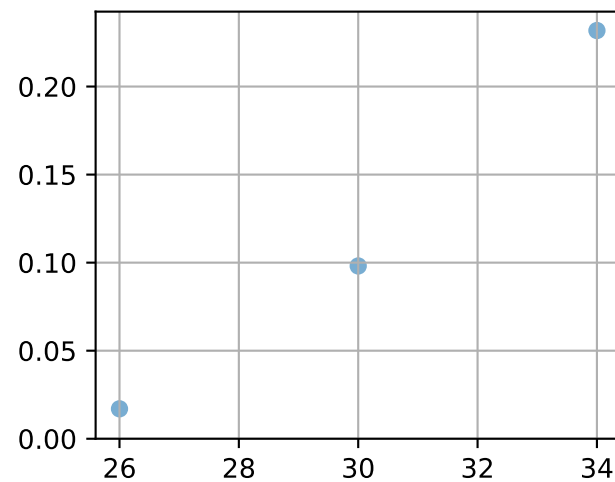
G3-2-108-72T2Fr5 (fit failed)



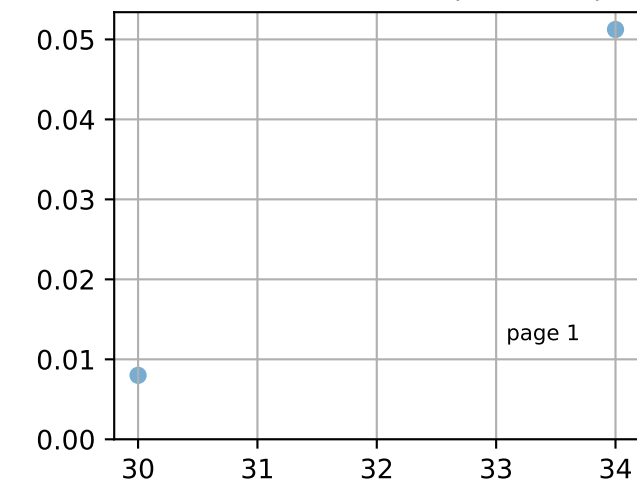
G3-2-114-21T1Fr1 (fit failed)



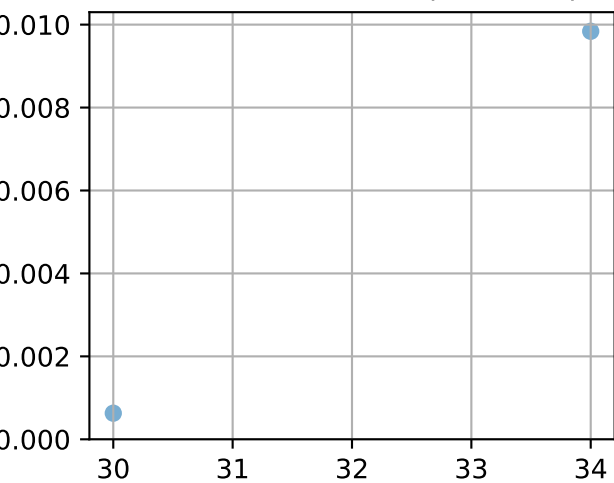
G3-2-114-21T1Fr5 (fit failed)



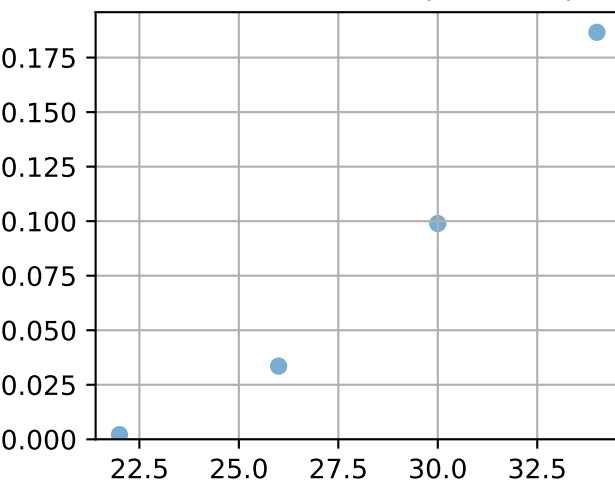
G3-2-114-21T2Fr1 (fit failed)

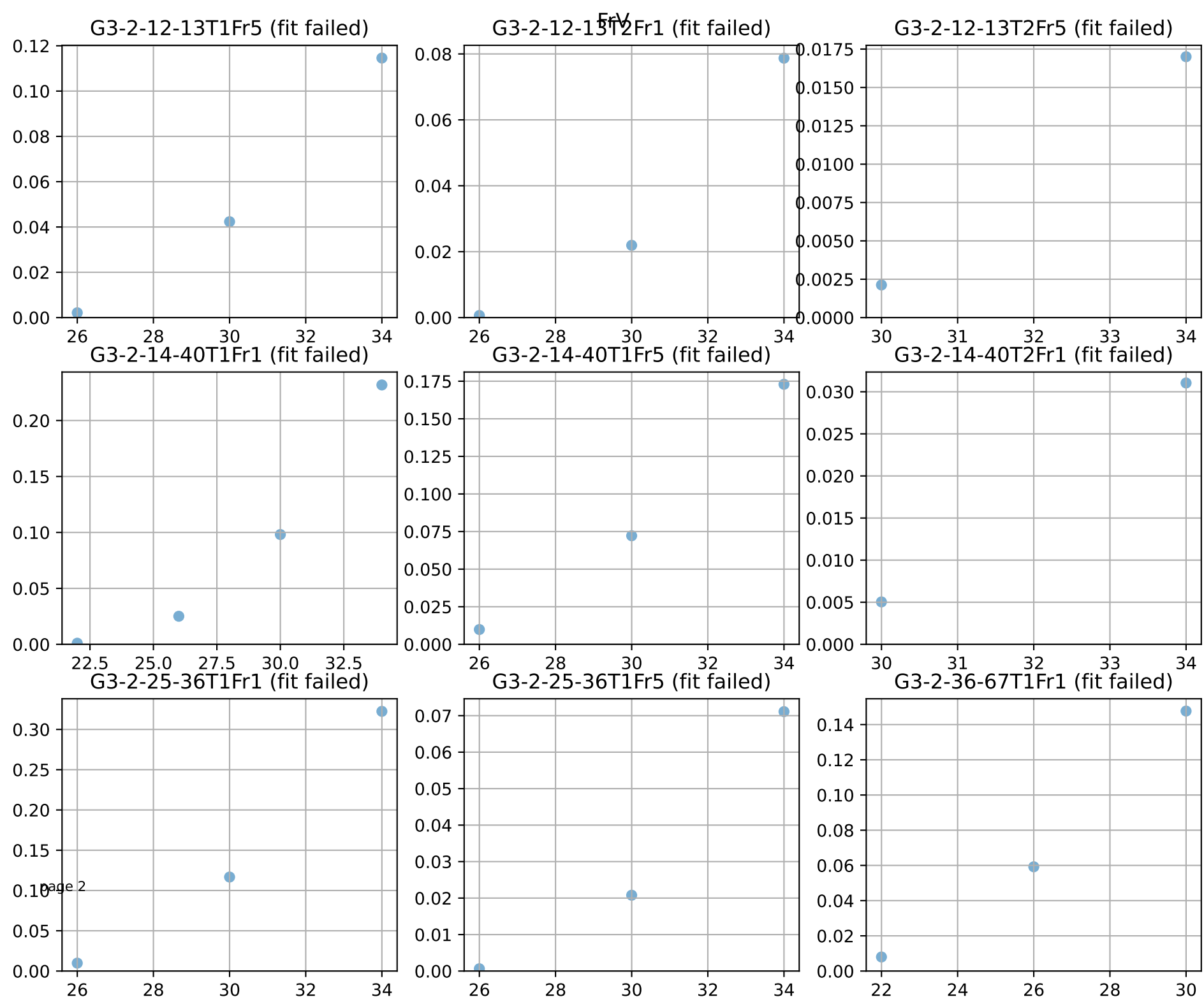


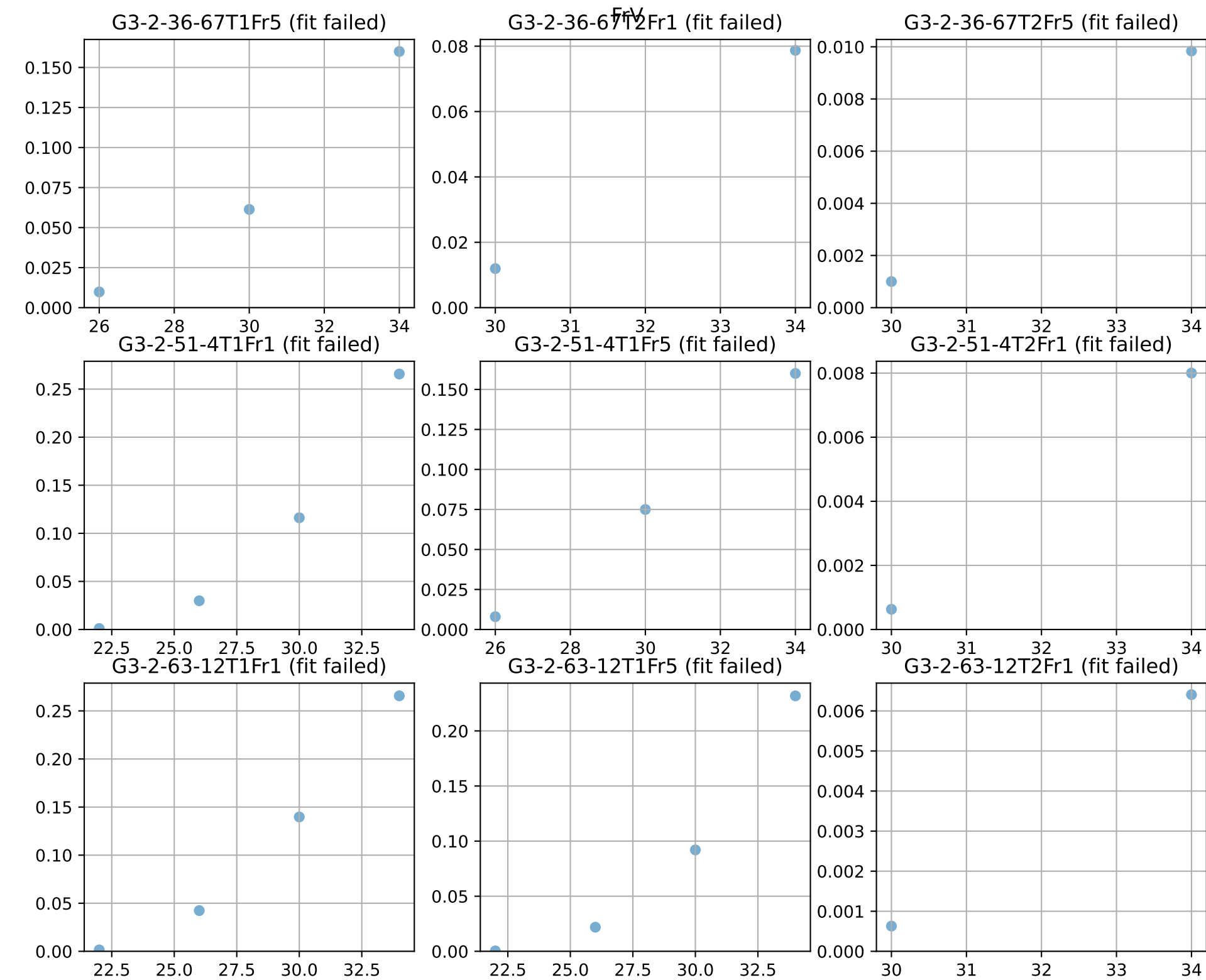
G3-2-114-21T2Fr5 (fit failed)

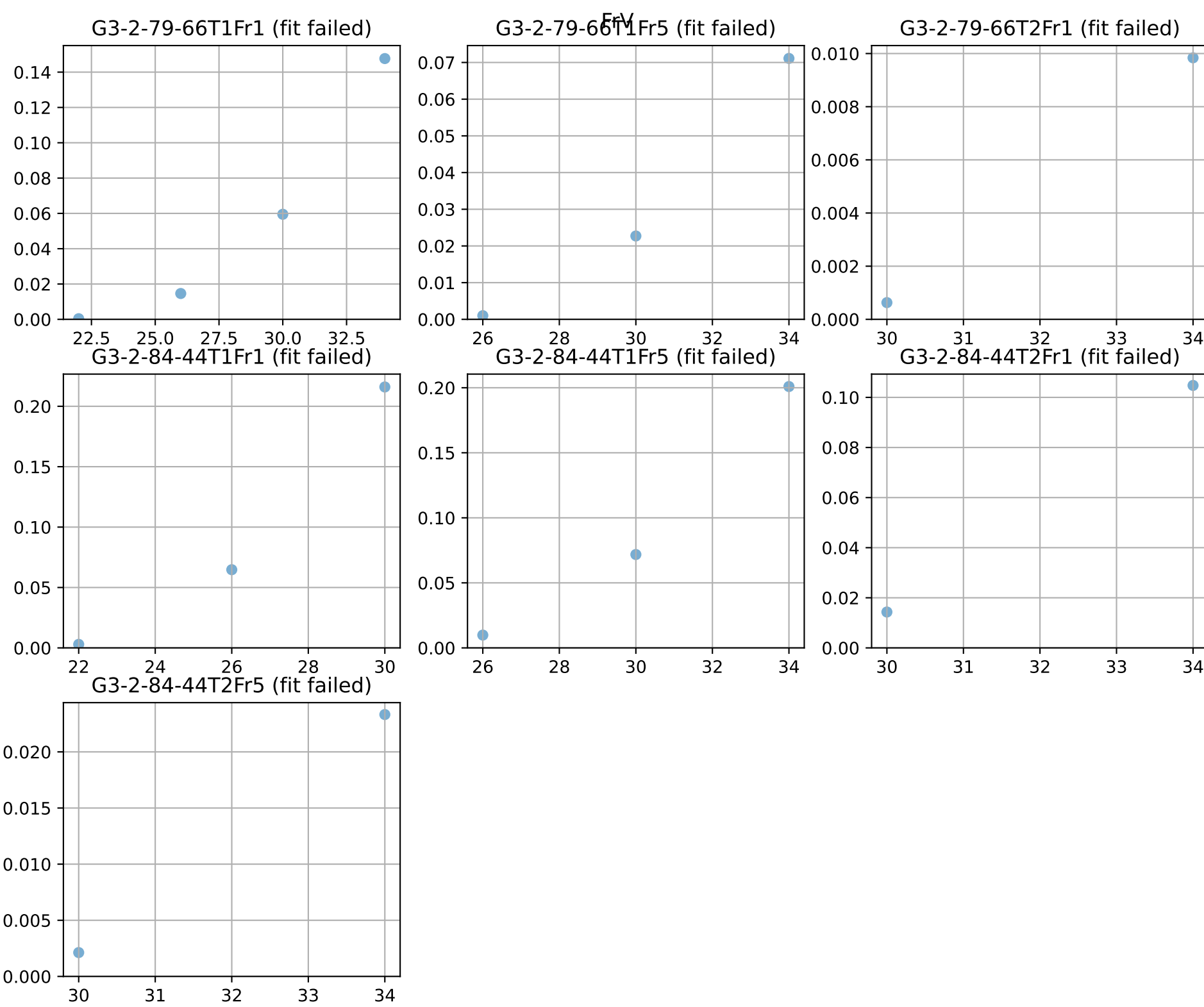


G3-2-12-13T1Fr1 (fit failed)

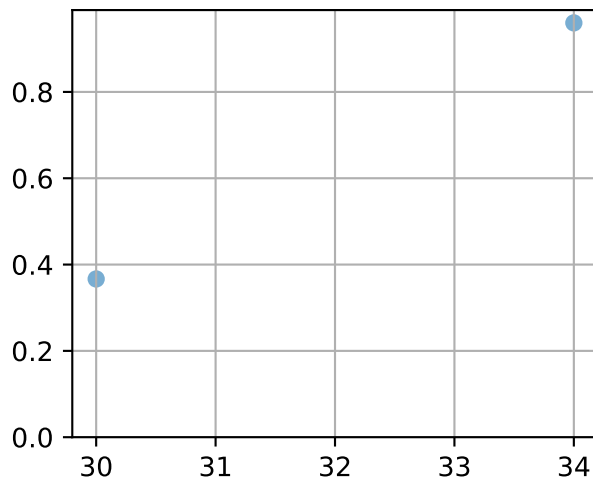




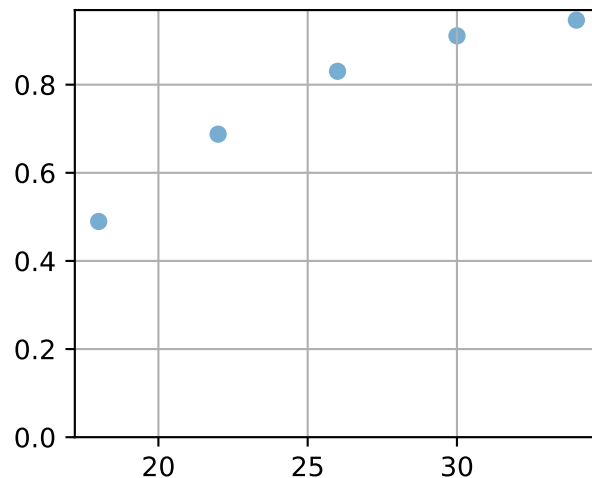




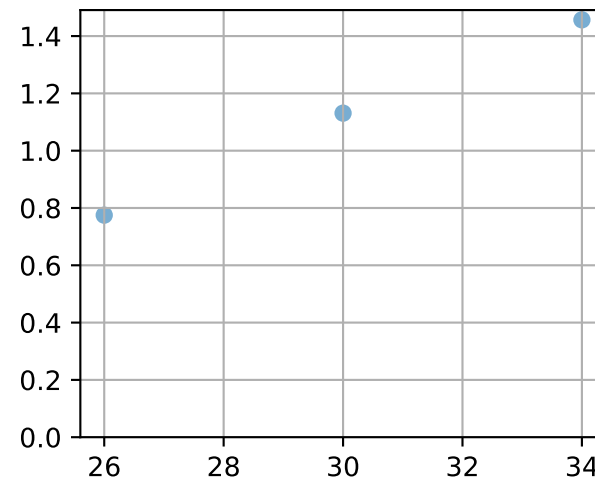
G3-2-108-72L12 (fit failed)



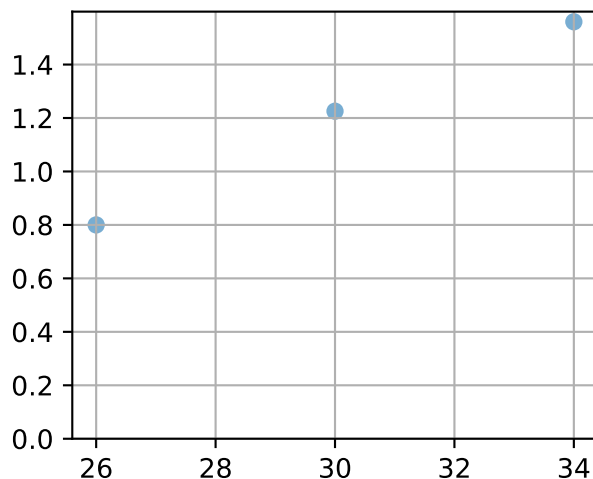
G3-2-108-72L6 (fit failed)



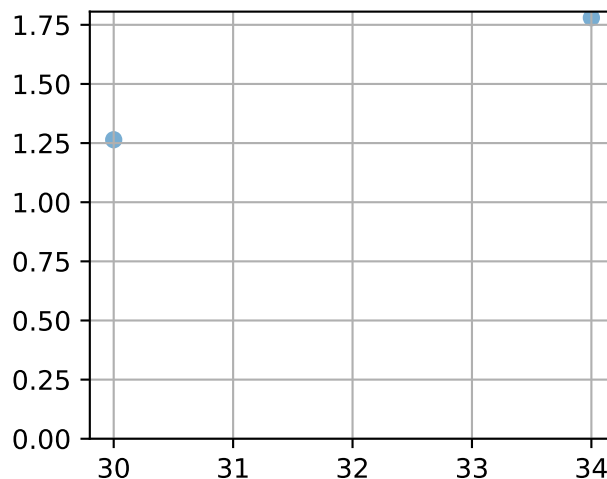
G3-2-108-72L9 (fit failed)



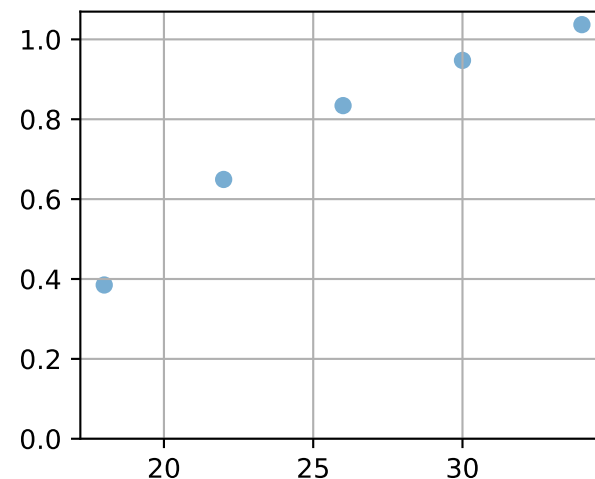
G3-2-114-21L10 (fit failed)



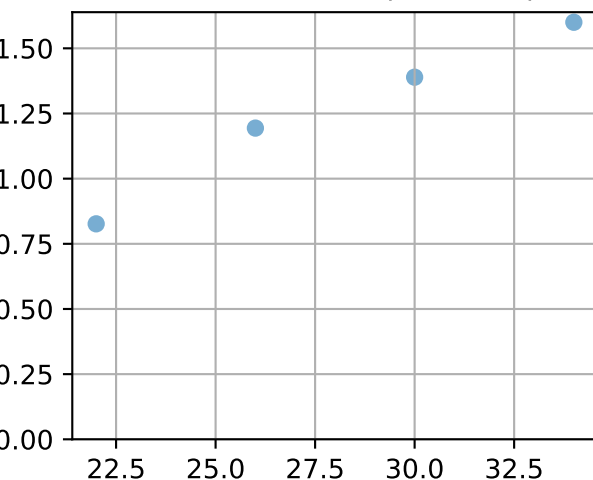
G3-2-114-21L13 (fit failed)



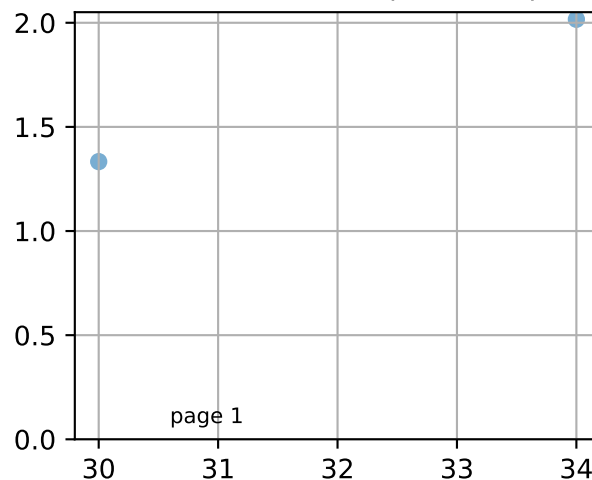
G3-2-114-21L7 (fit failed)



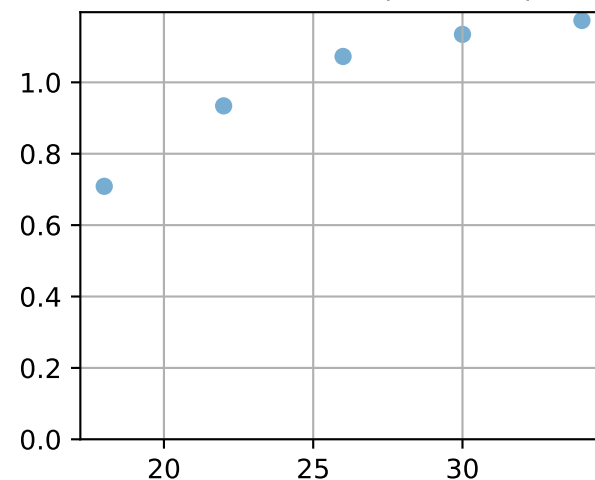
G3-2-12-13L10 (fit failed)

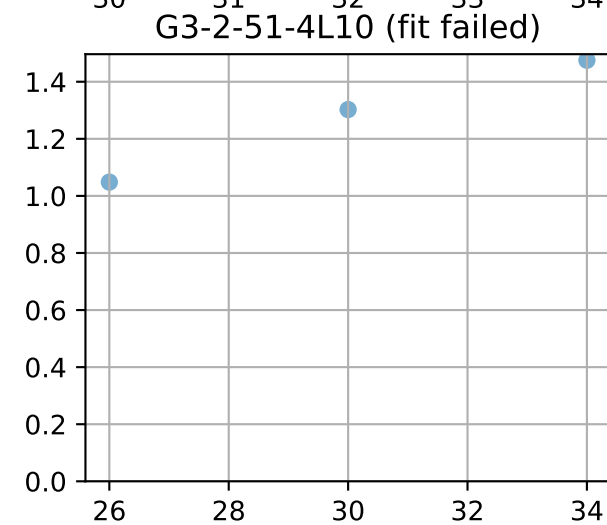
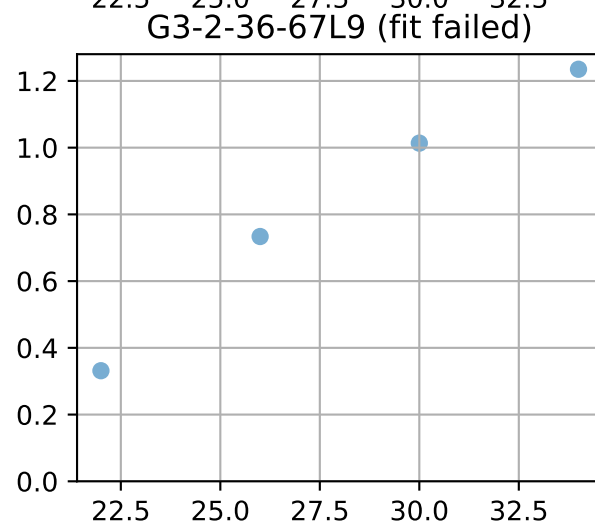
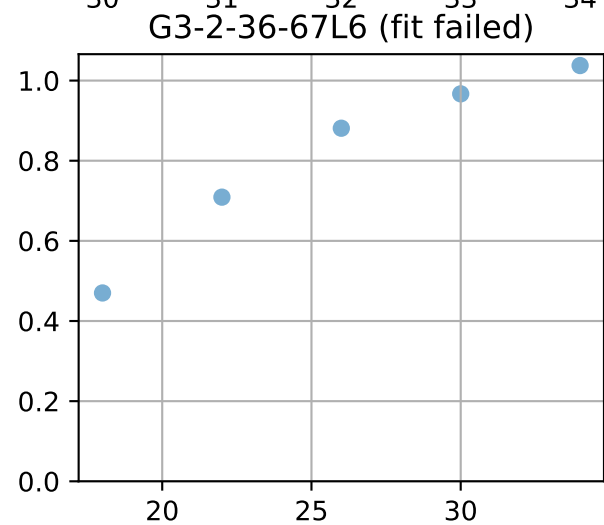
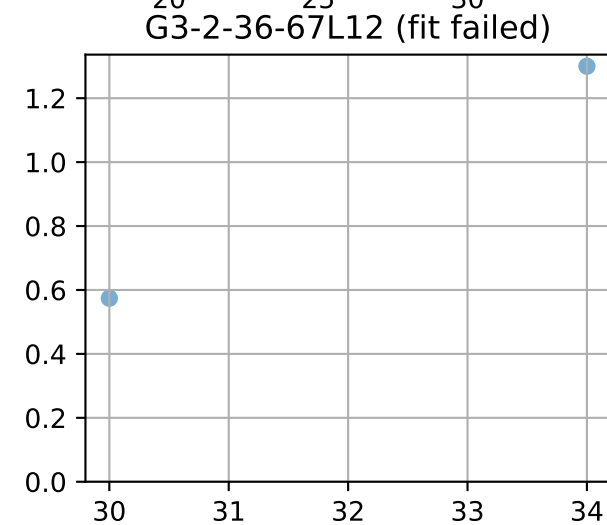
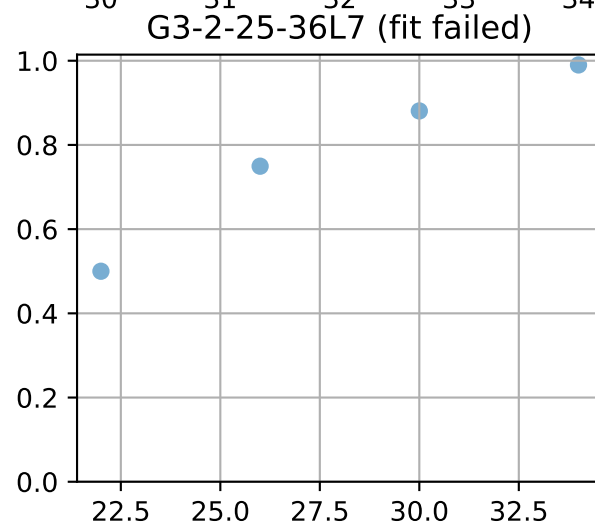
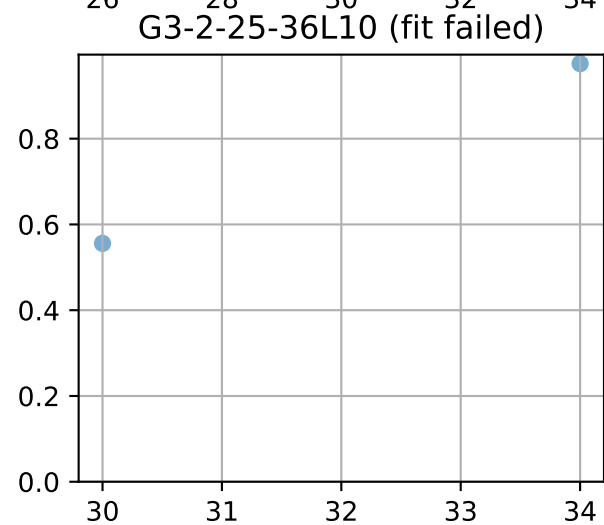
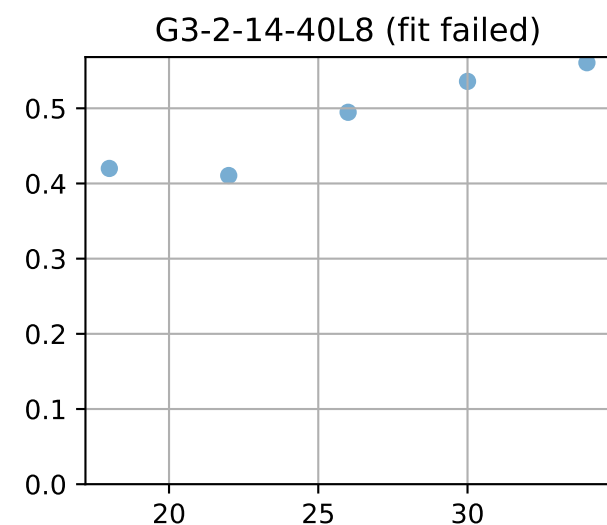
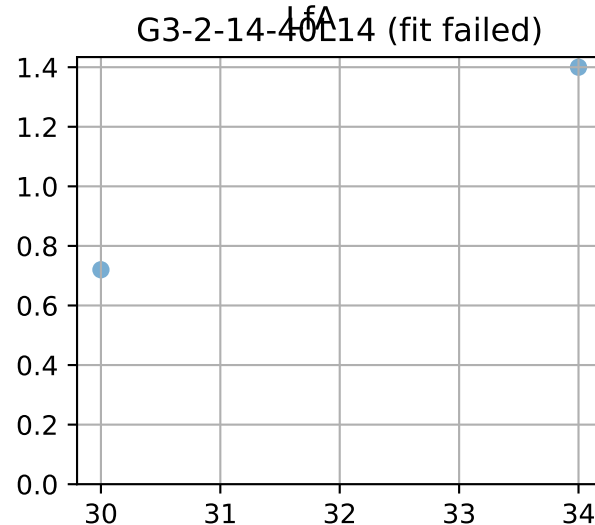
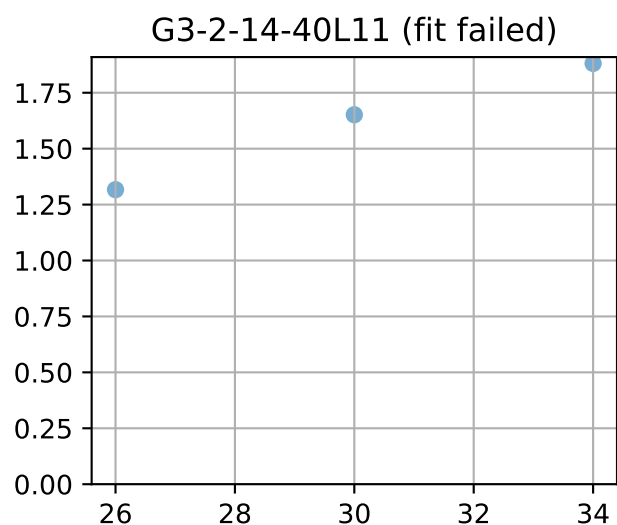


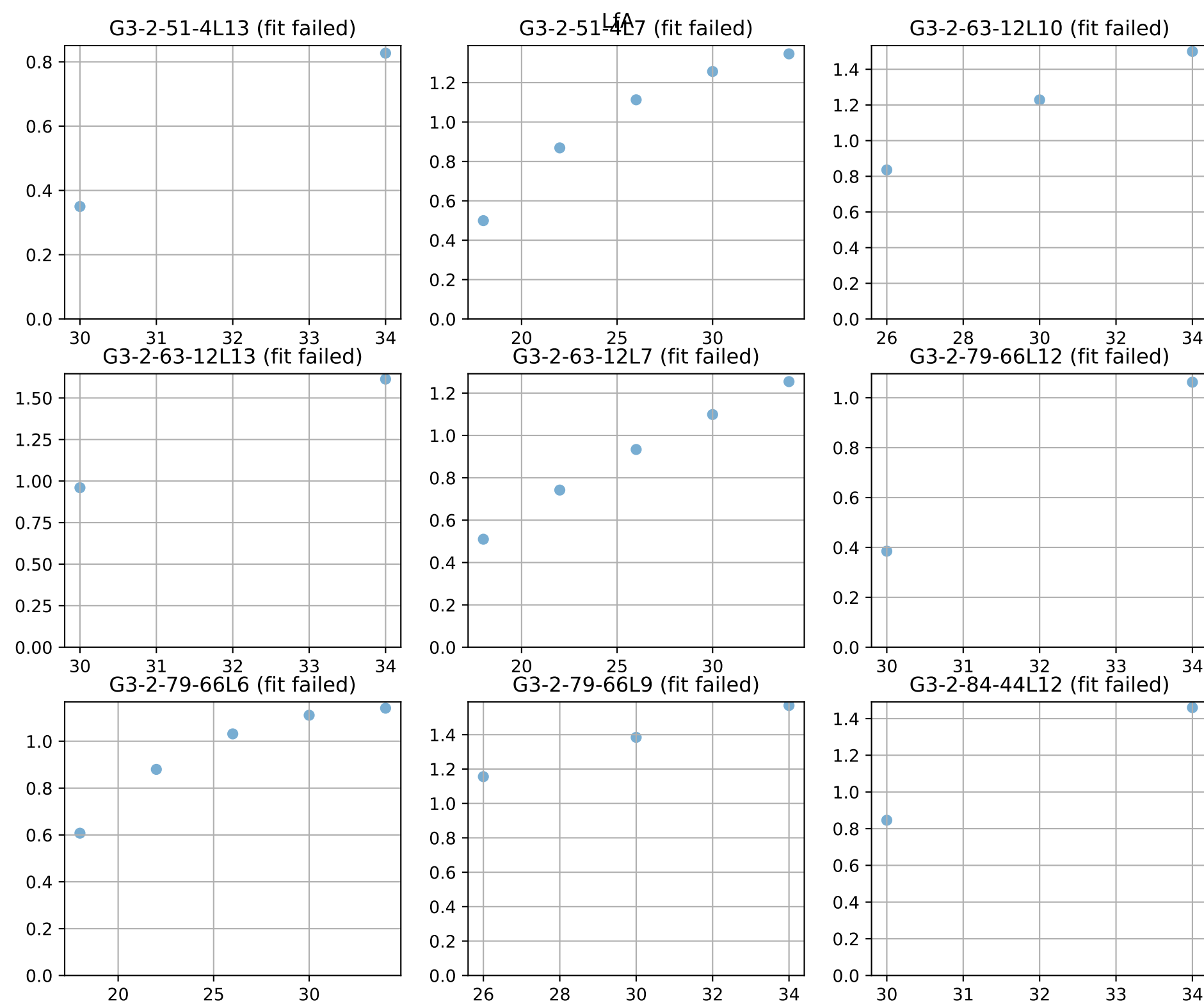
G3-2-12-13L13 (fit failed)



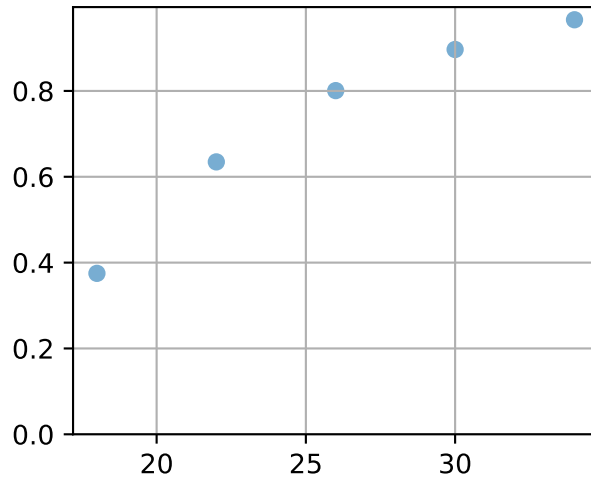
G3-2-12-13L7 (fit failed)



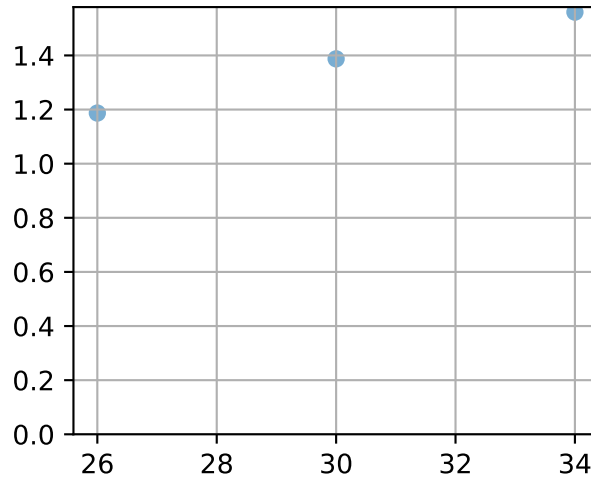


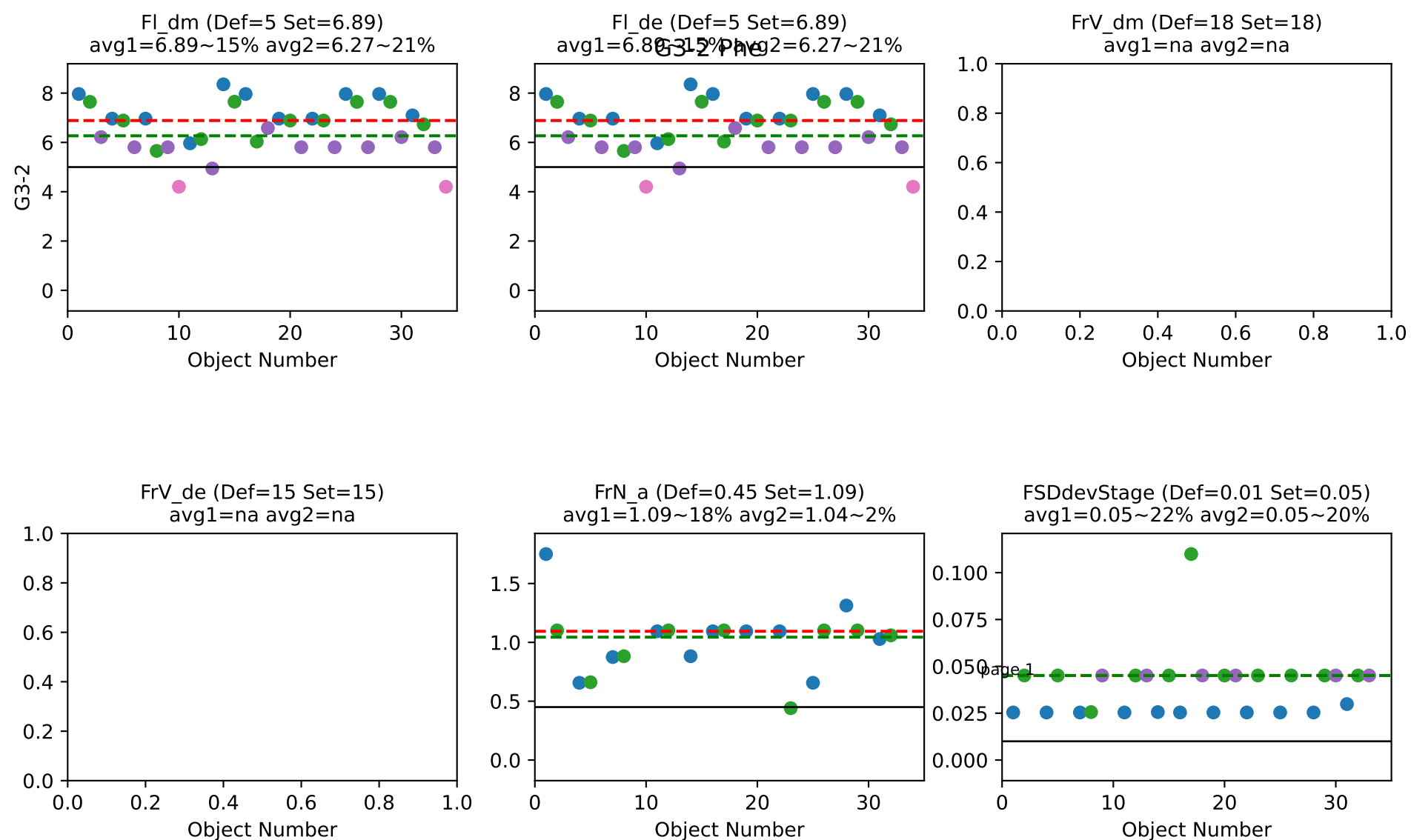


G3-2-84-44L6 (fit failed)

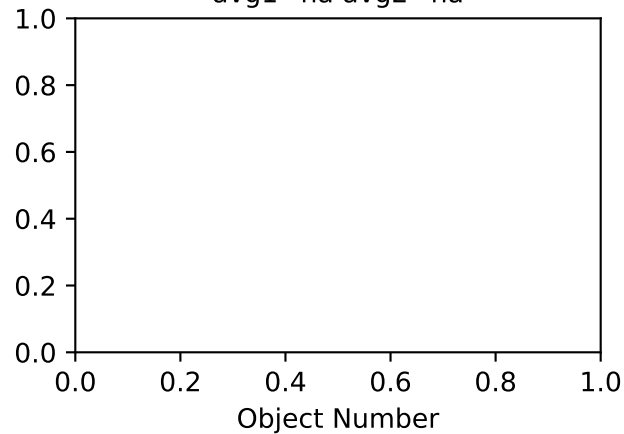


G3-2-84-44L9 (fit failed)

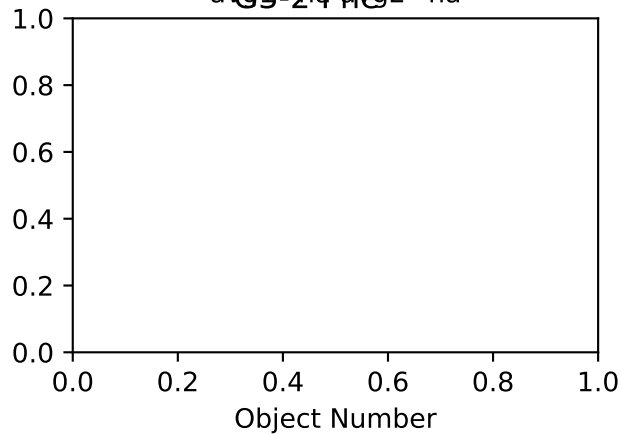




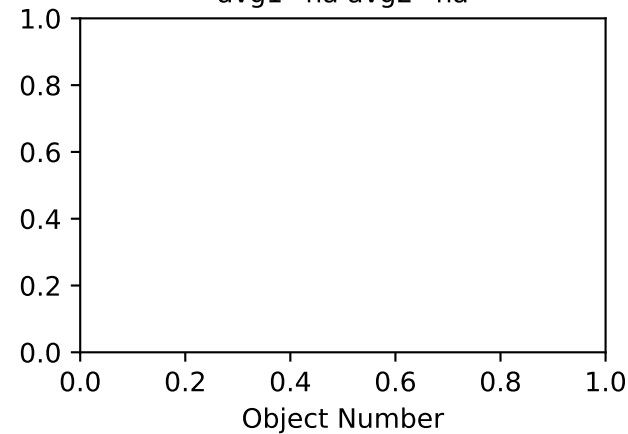
FGDdevStage (Def=0.7 Set=0.7)  
avg1=na avg2=na



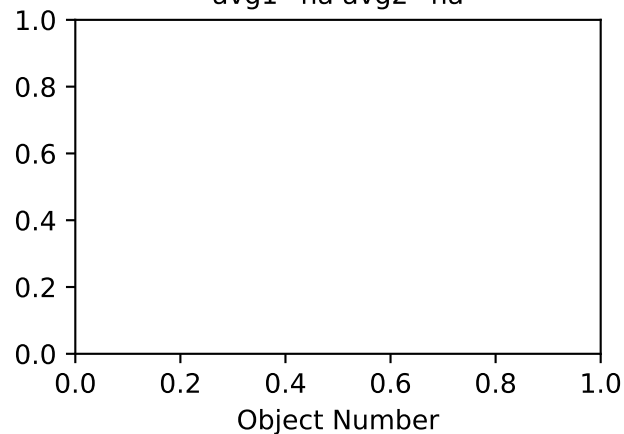
FMBDdevStage (Def=1.3 Set=1.3)  
avg1=na avg2=na



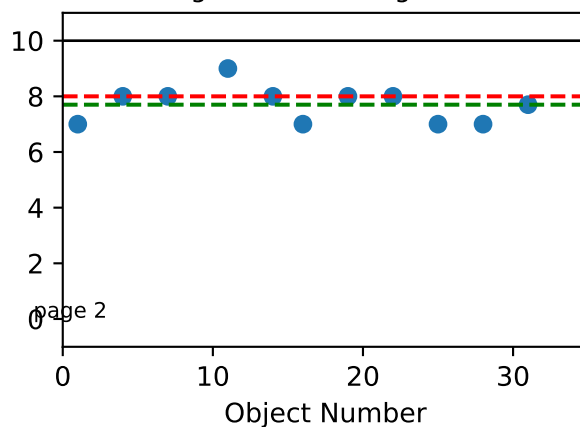
FMEDdevStage (Def=1.8 Set=1.8)  
avg1=na avg2=na



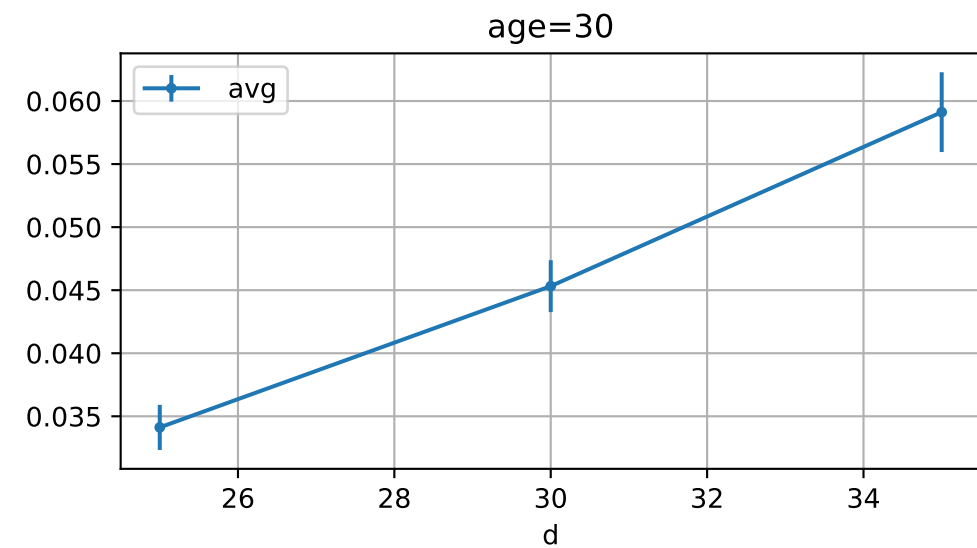
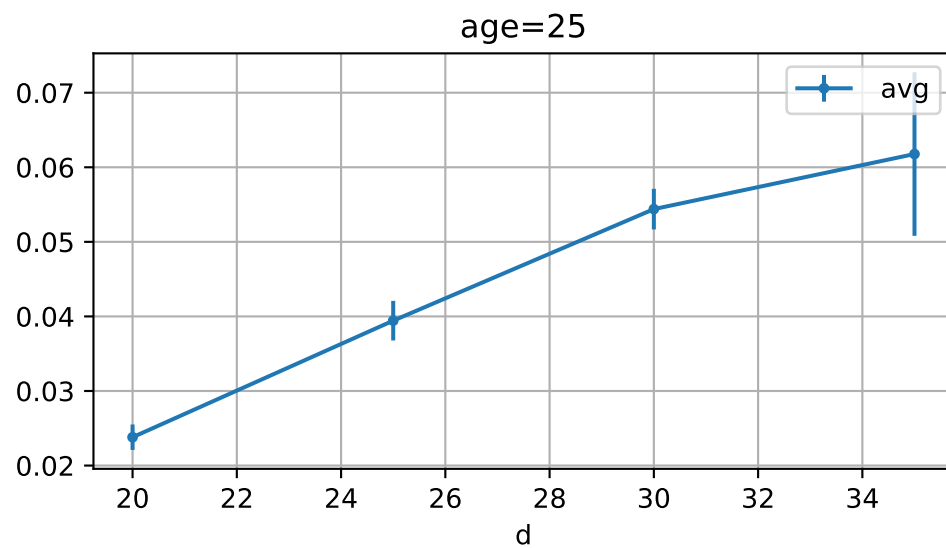
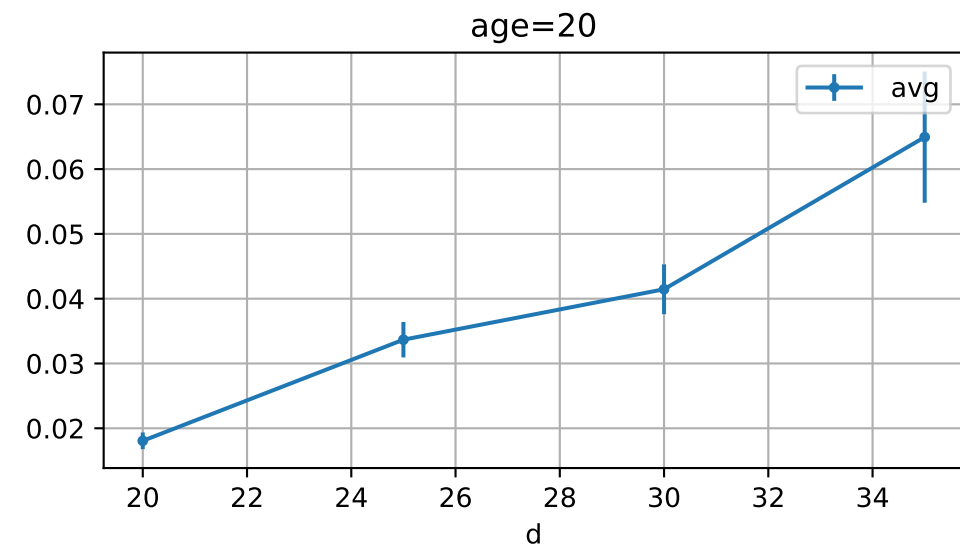
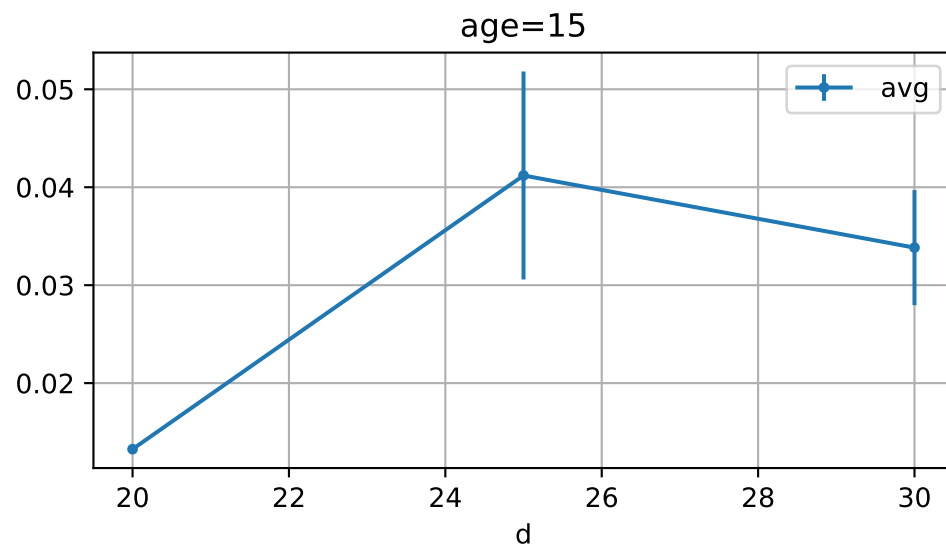
FHDdevStage (Def=1.5 Set=1.5)  
avg1=na avg2=na



NNgen (Def=10 Set=8)  
avg1=8.0~8% avg2=7.7

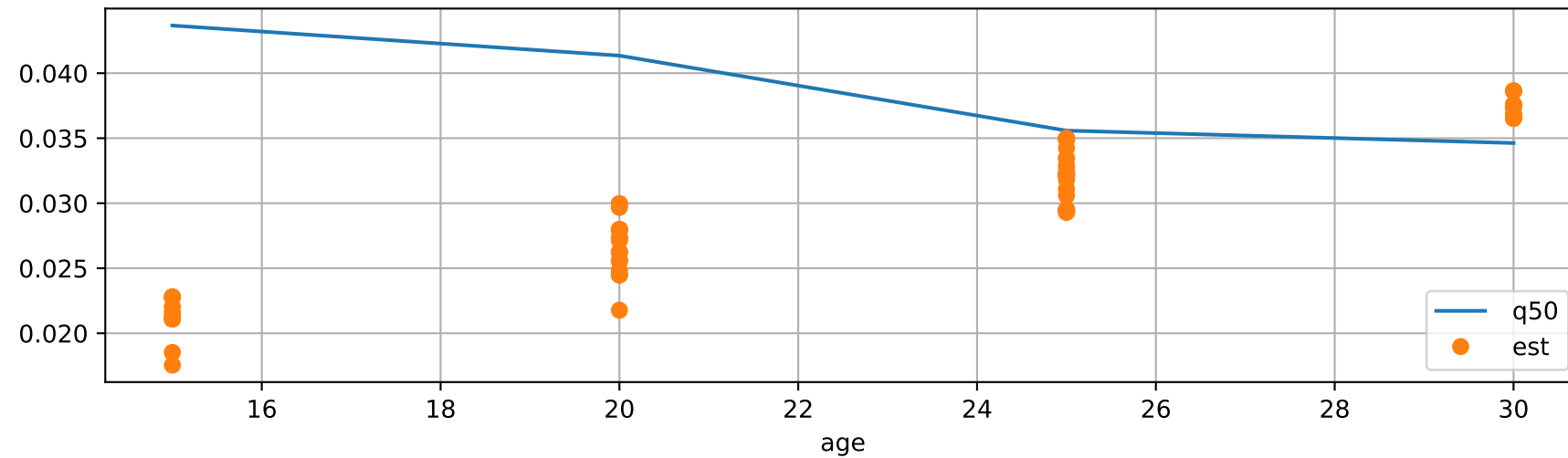


LfA: avg vs. d at each age group



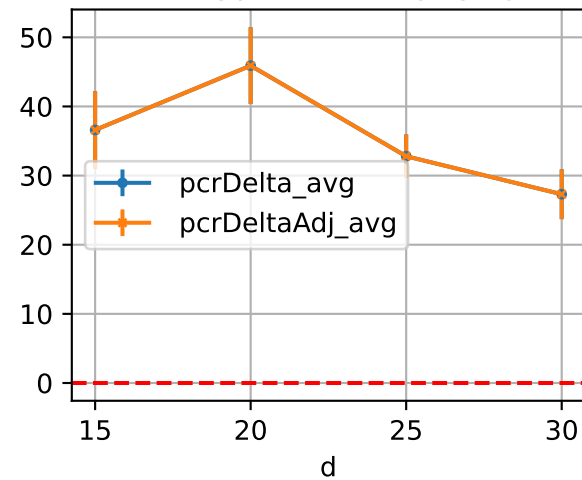
LfA: model est vs obsOv@Q50

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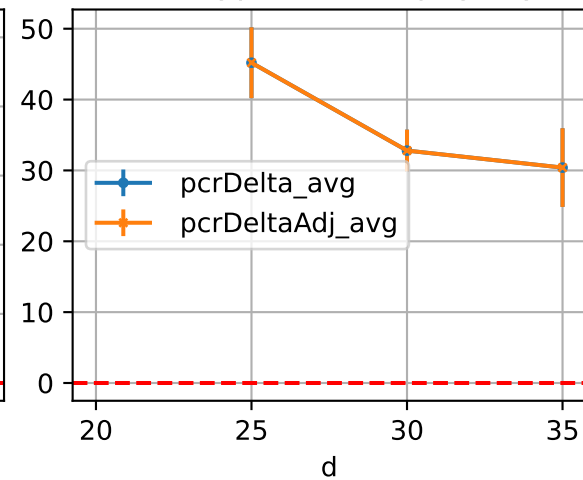


# G3-2 LfA: D\_5d\_LfA

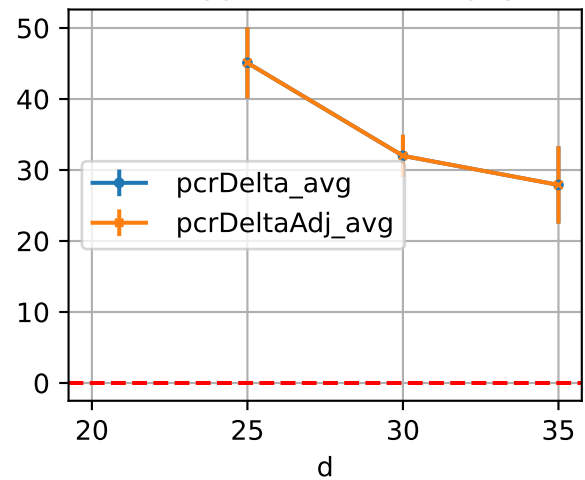
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

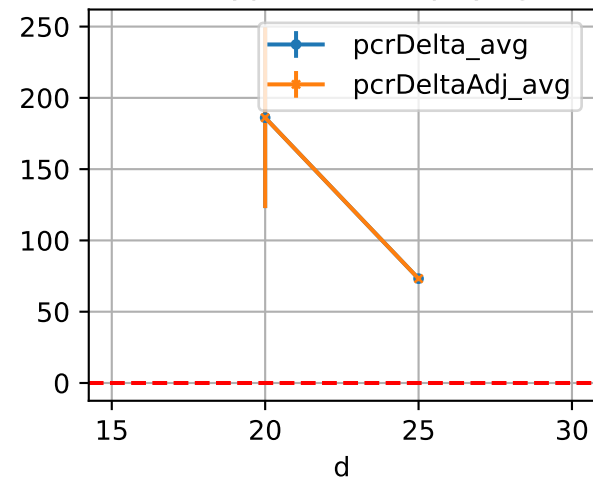


DeltaTypeAbbr=WeiAvgByD

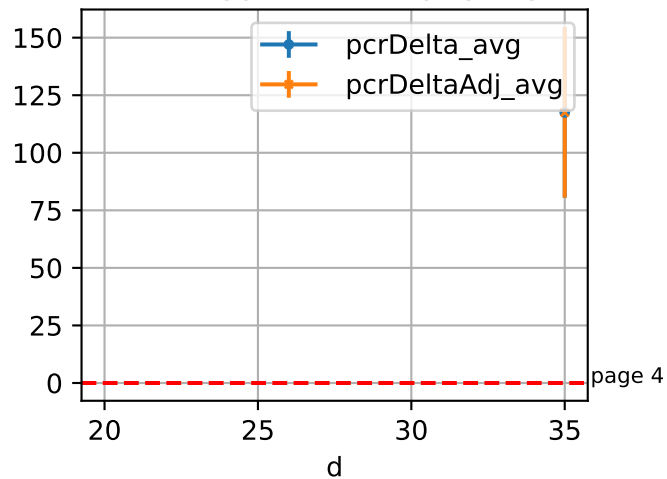


# G3-2 LfA: D\_15d\_LfA

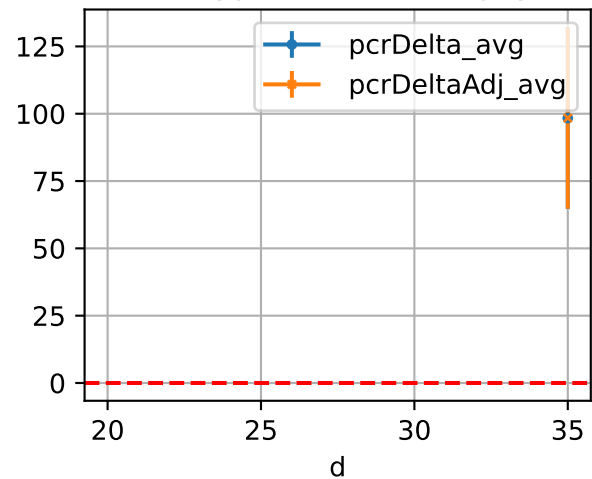
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

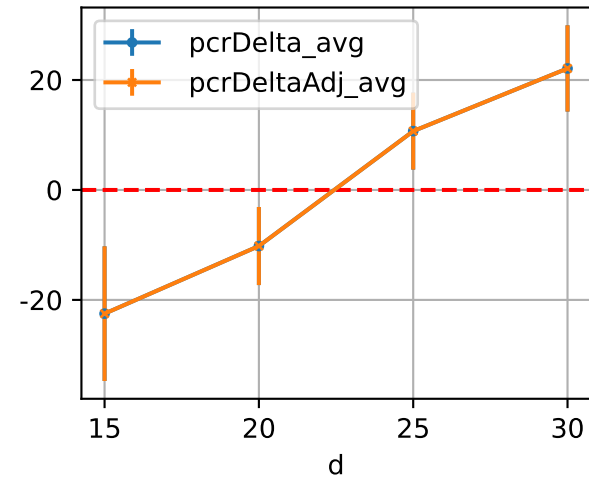


DeltaTypeAbbr=WeiAvgByD

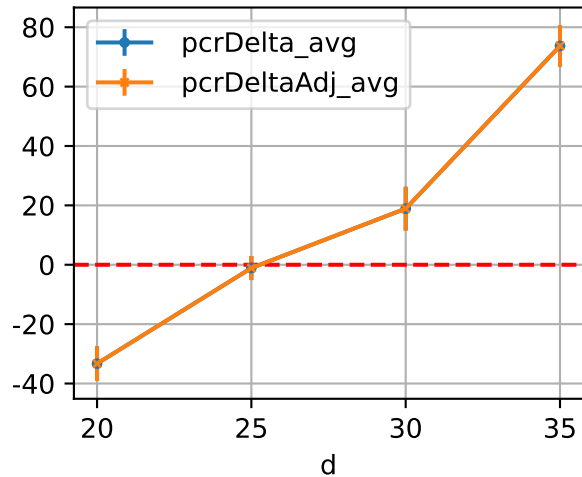


## G3-2 LfA: D\_Q50\_LfA

DeltaTypeAbbr=GrpByAge

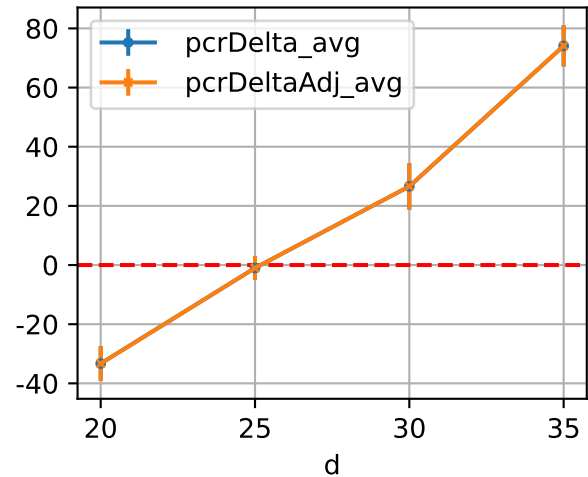


DeltaTypeAbbr=GrpByDay

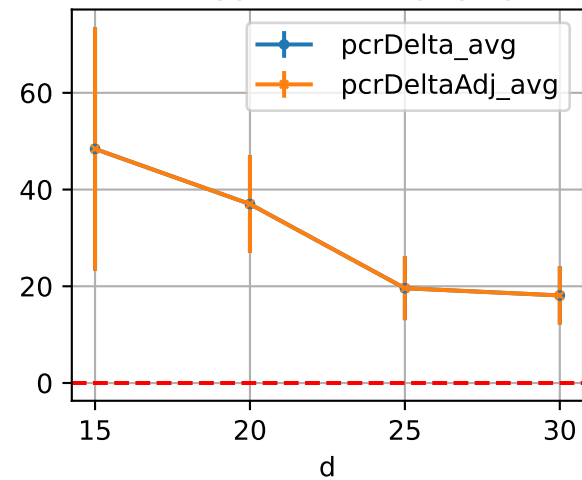


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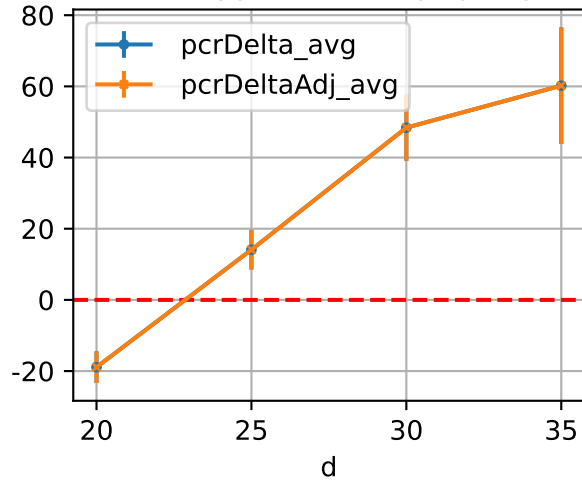
DeltaTypeAbbr=WeiAvgByD



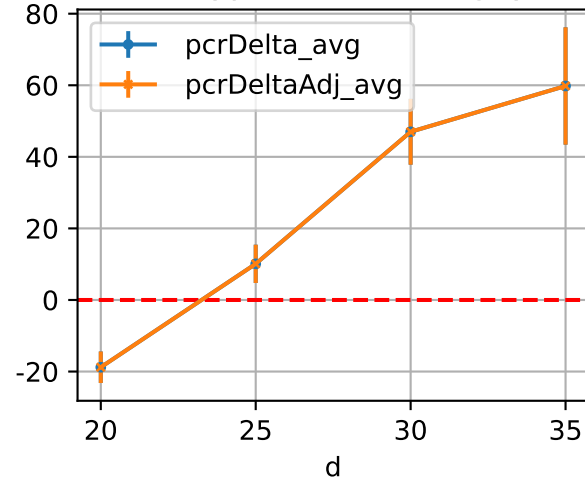
DeltaTypeAbbr=GrpByAge



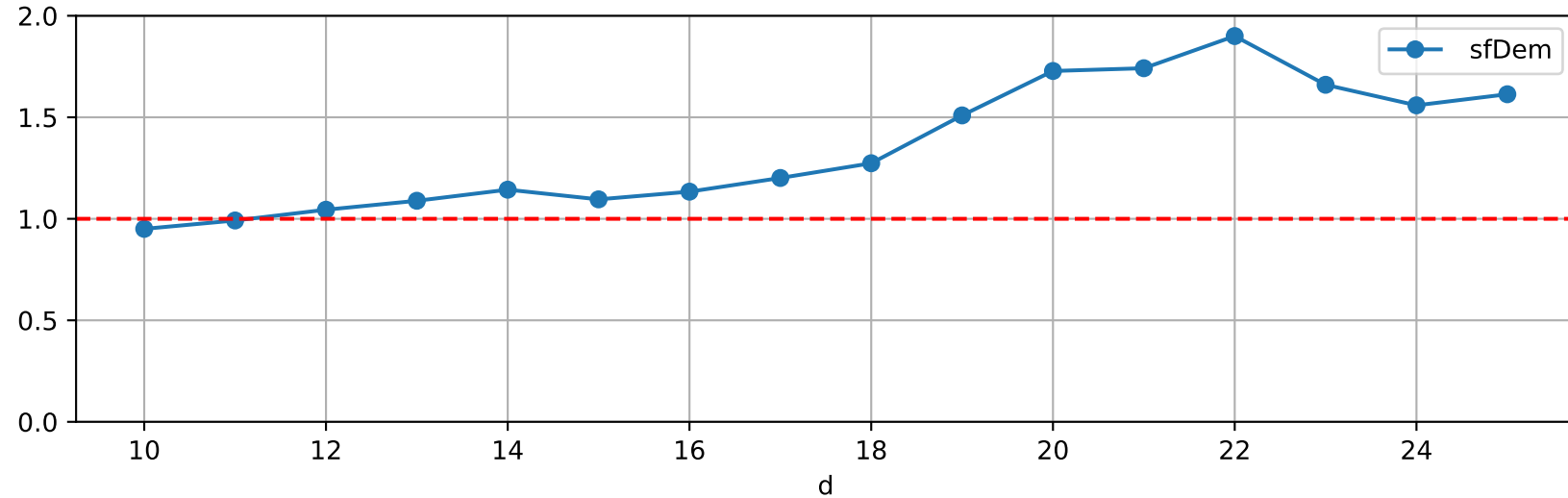
DeltaTypeAbbr=GrpByDay



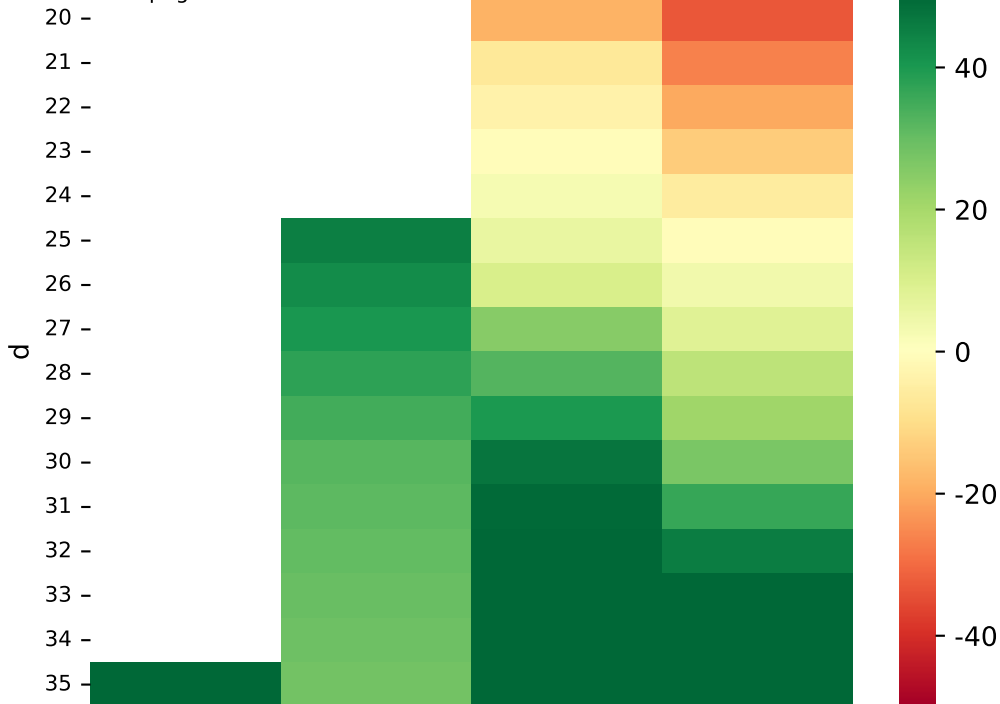
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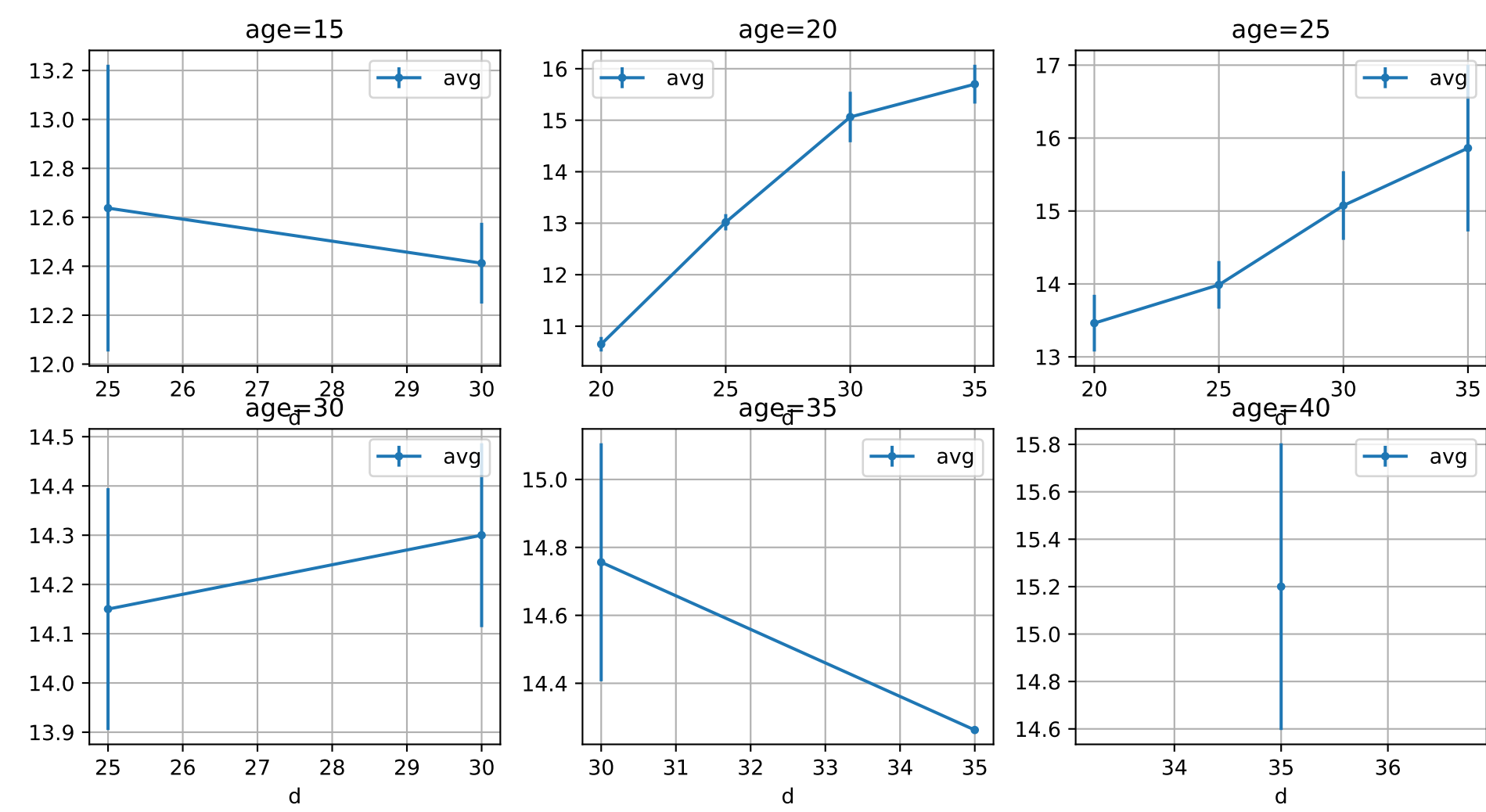


LfA: sfDem

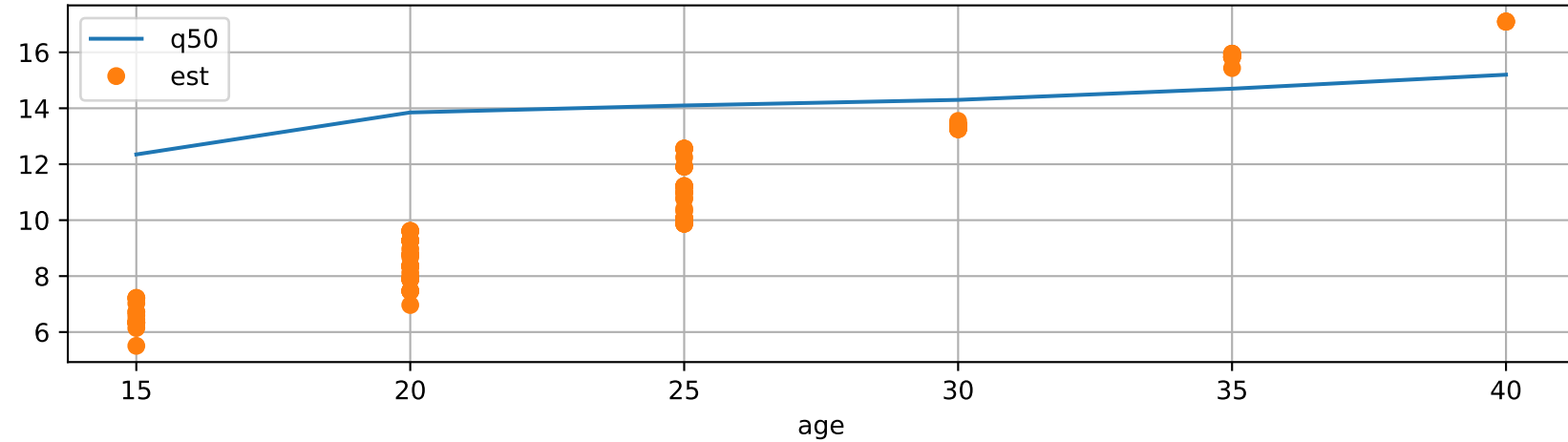


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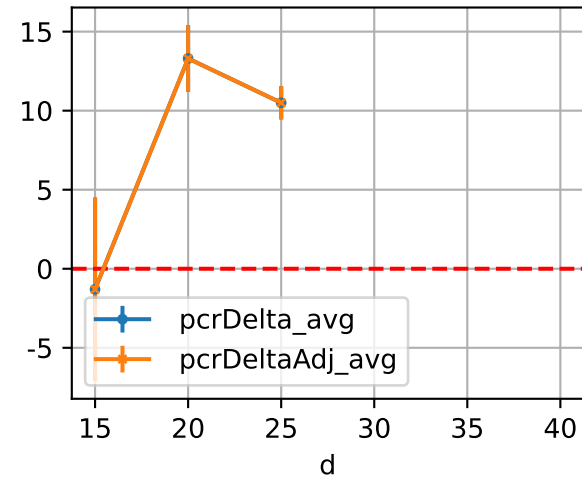


NdD: model est vs obsOv@Q50

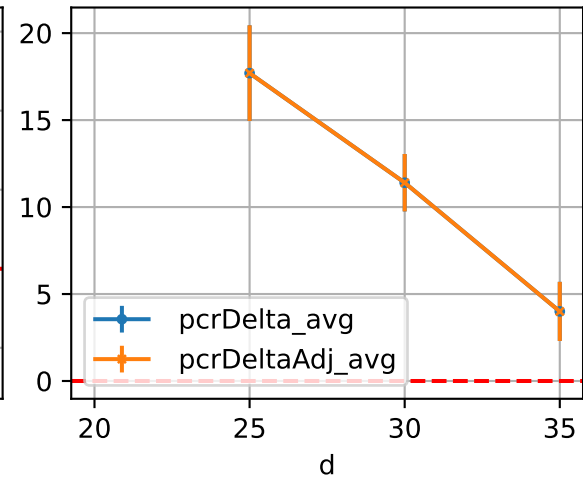


# G3-2 NdD: D\_5d\_NdD

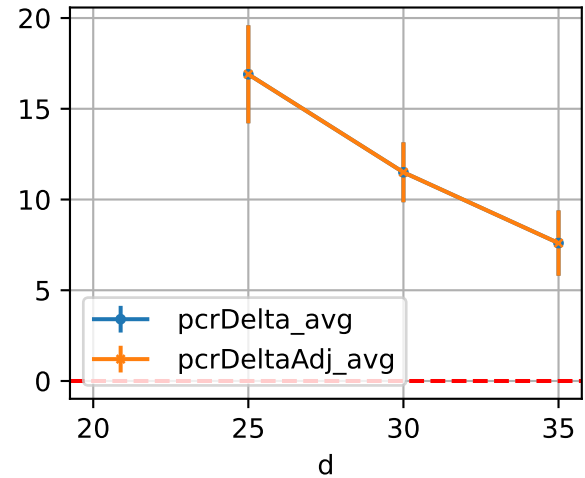
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

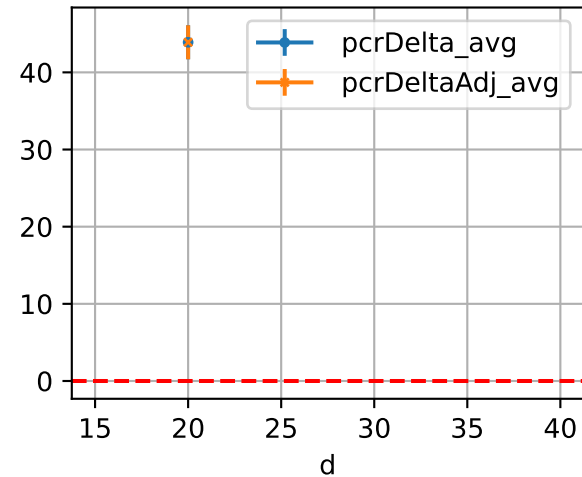


DeltaTypeAbbr=WeiAvgByD

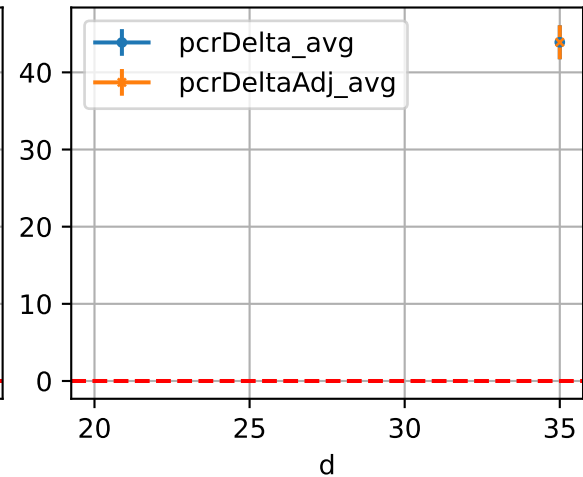


# G3-2 NdD: D\_15d\_NdD

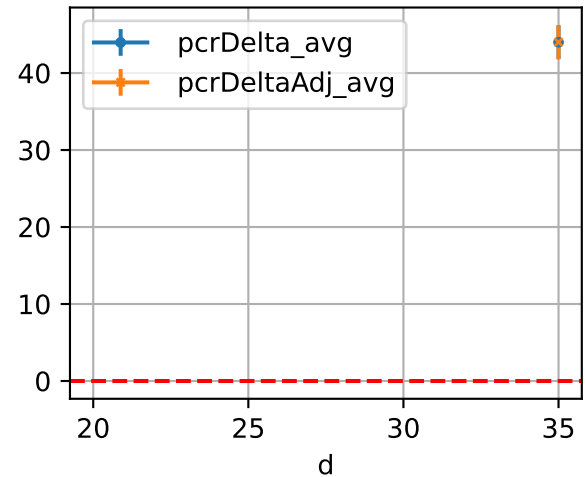
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

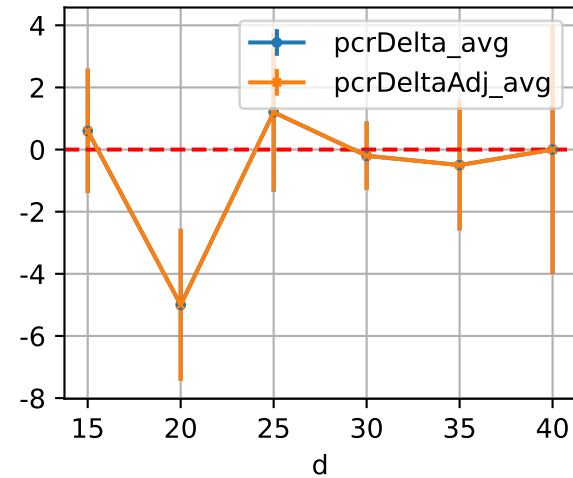


DeltaTypeAbbr=WeiAvgByD

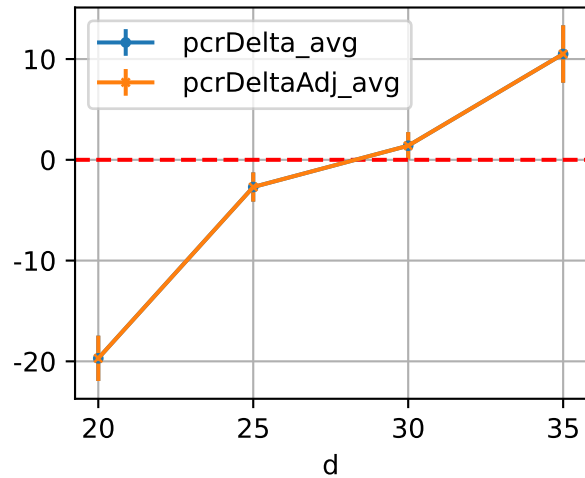


## G3-2 NdD: D\_Q50\_NdD

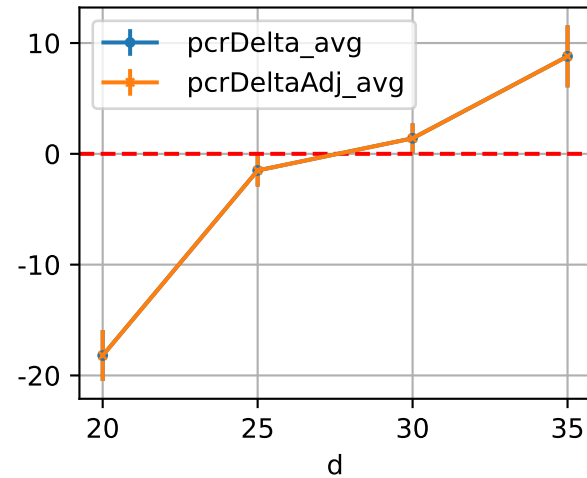
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

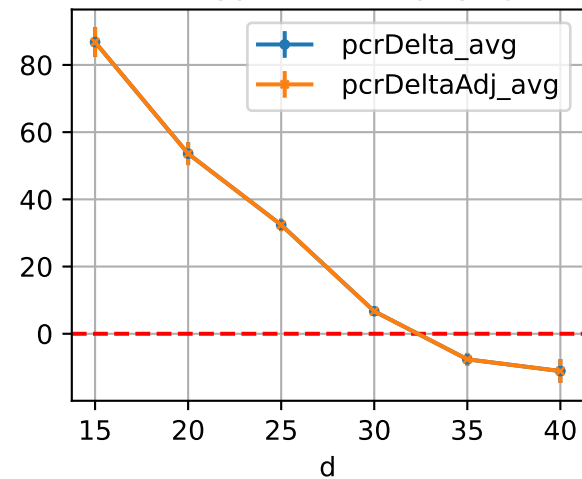


DeltaTypeAbbr=WeiAvgByD

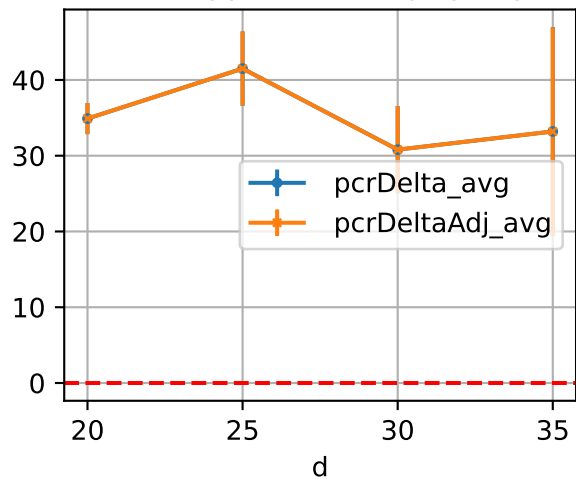


# G3-2 NdD: D\_Est\_NdD

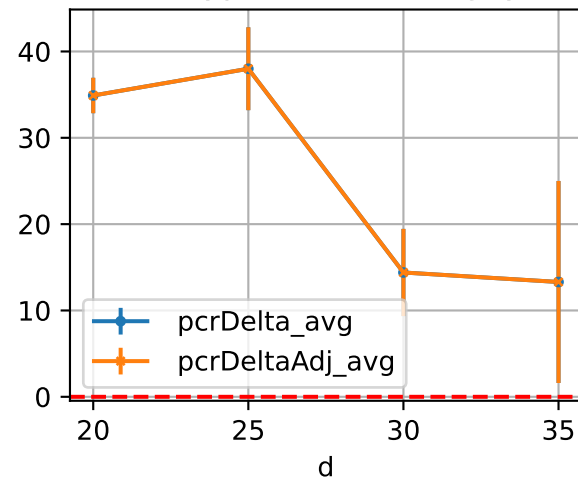
DeltaTypeAbbr=GrpByAge



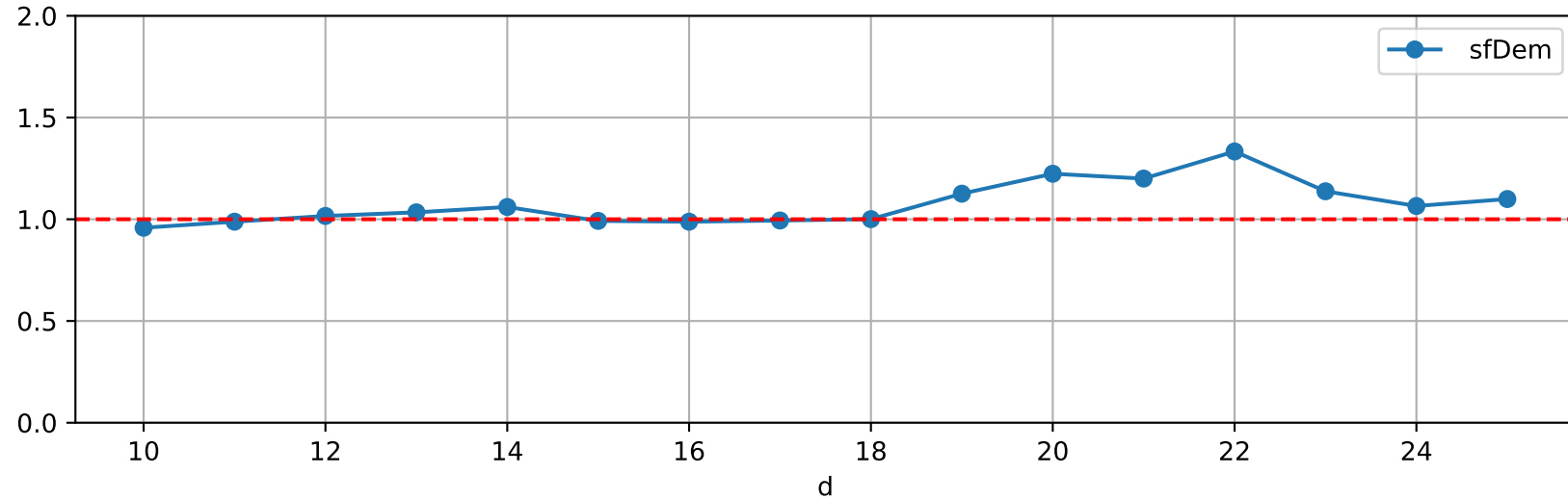
DeltaTypeAbbr=GrpByDay

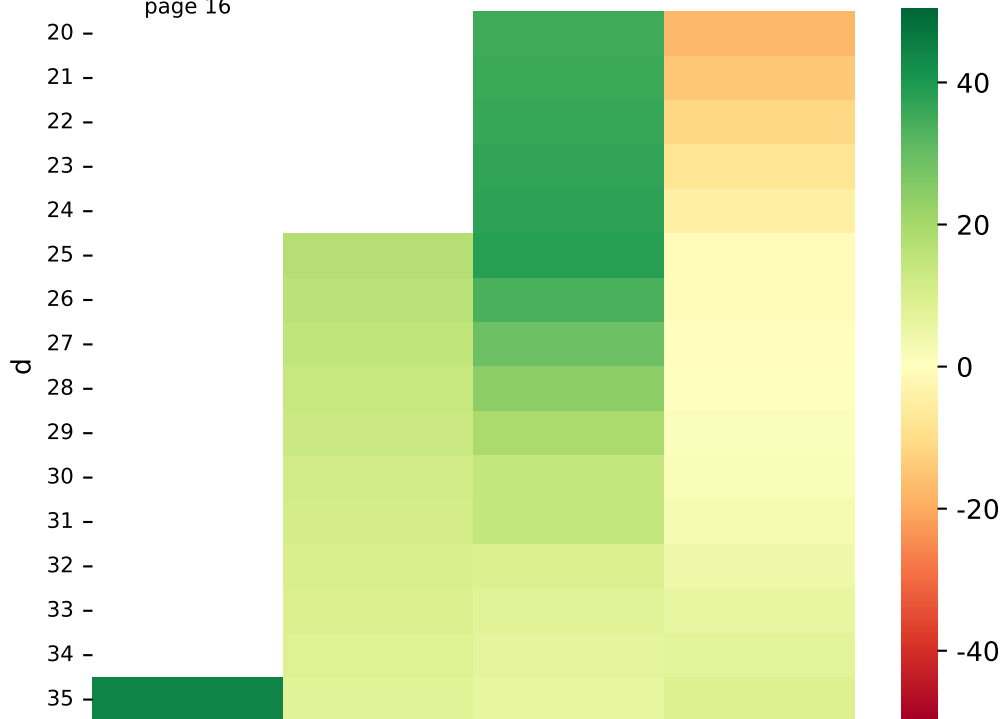


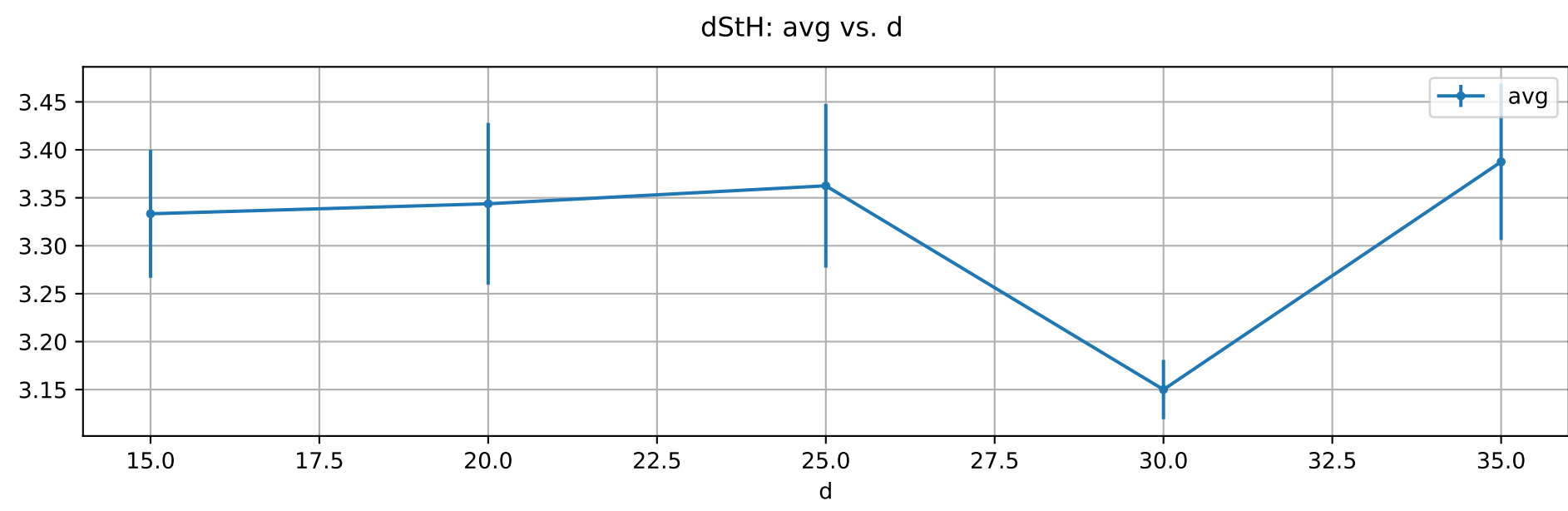
DeltaTypeAbbr=WeiAvgByD



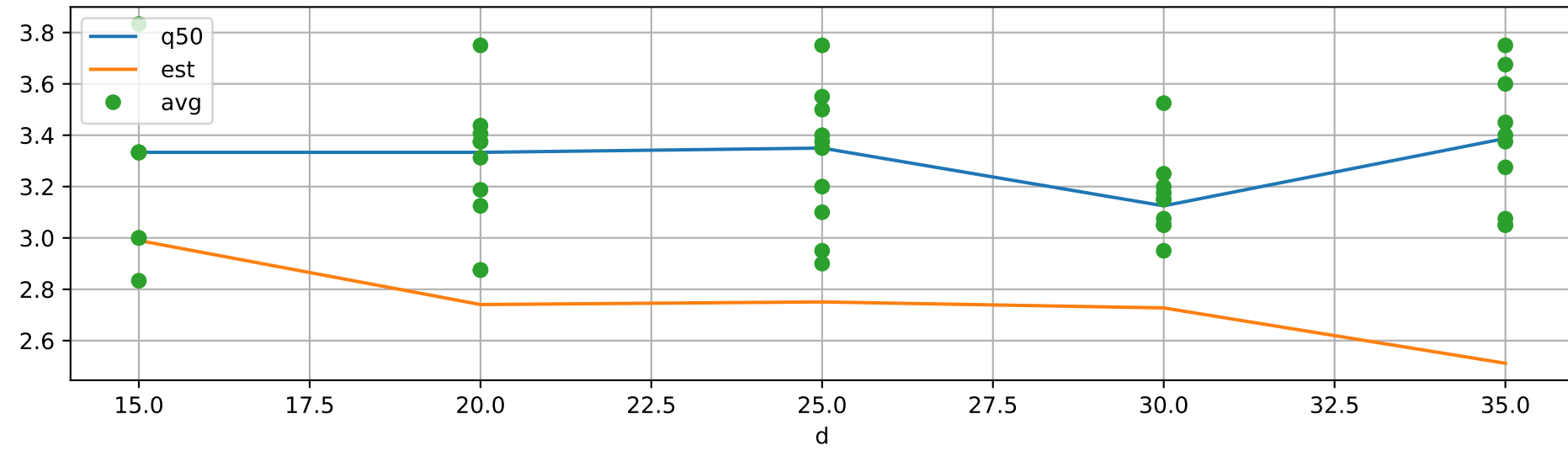
NdD: sfDem



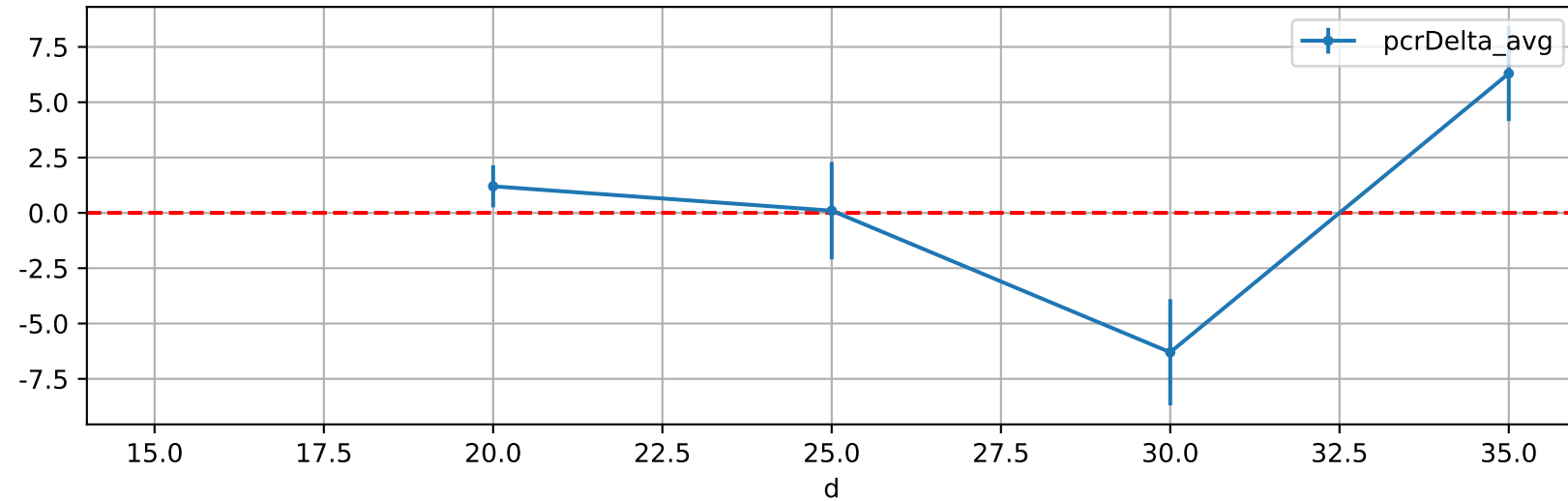




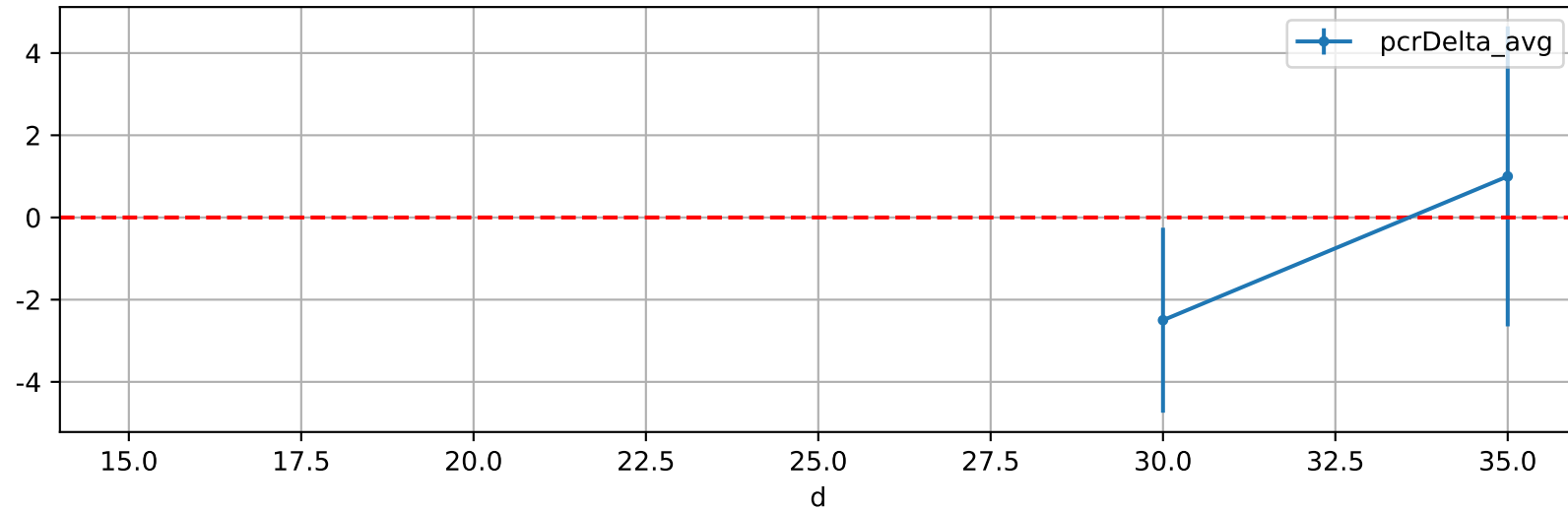
dStH: obsAvg vs obsOv@Q50



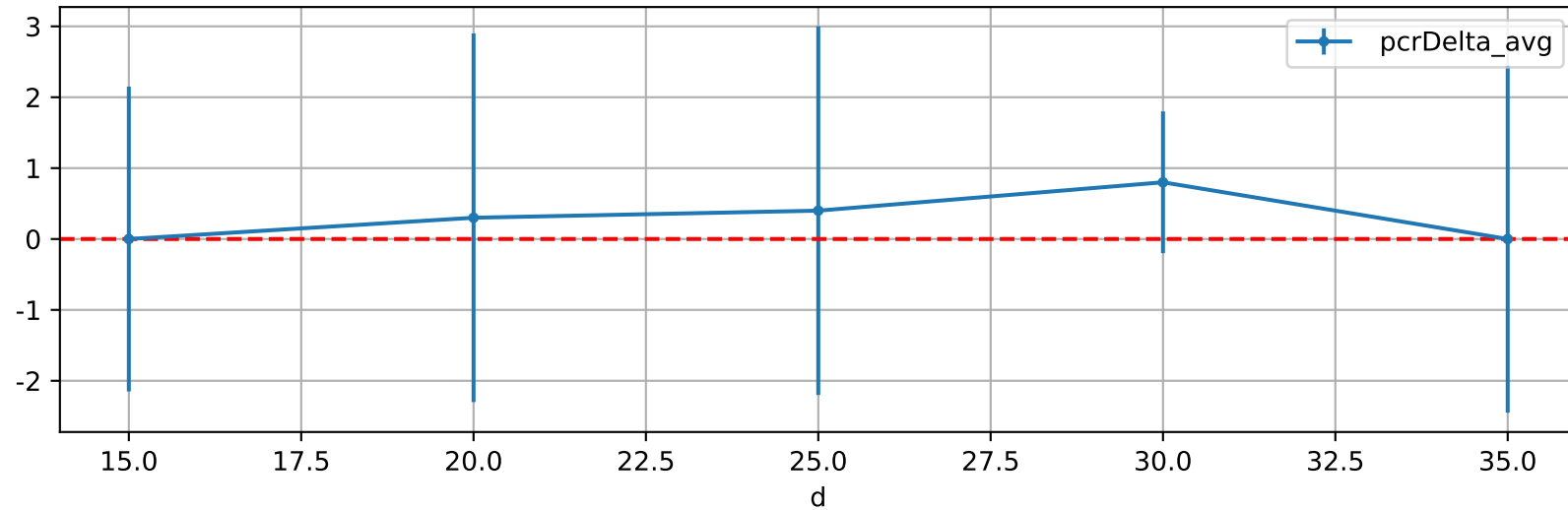
dStH: D\_5d\_StH



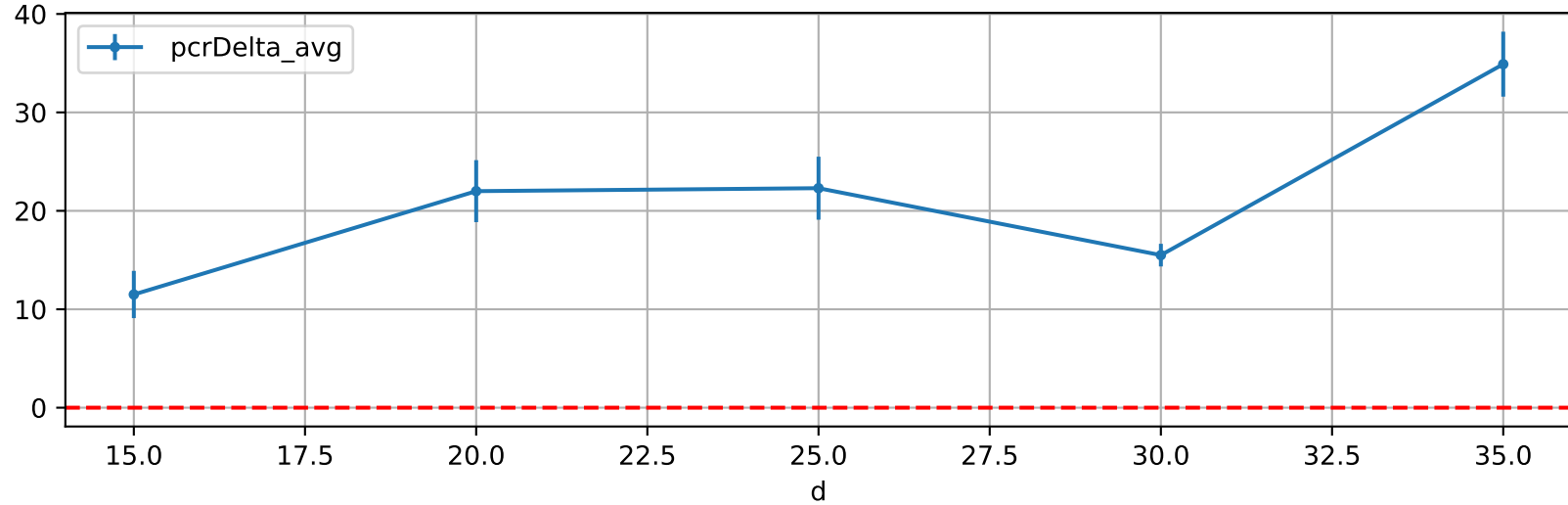
dStH: D\_15d\_StH



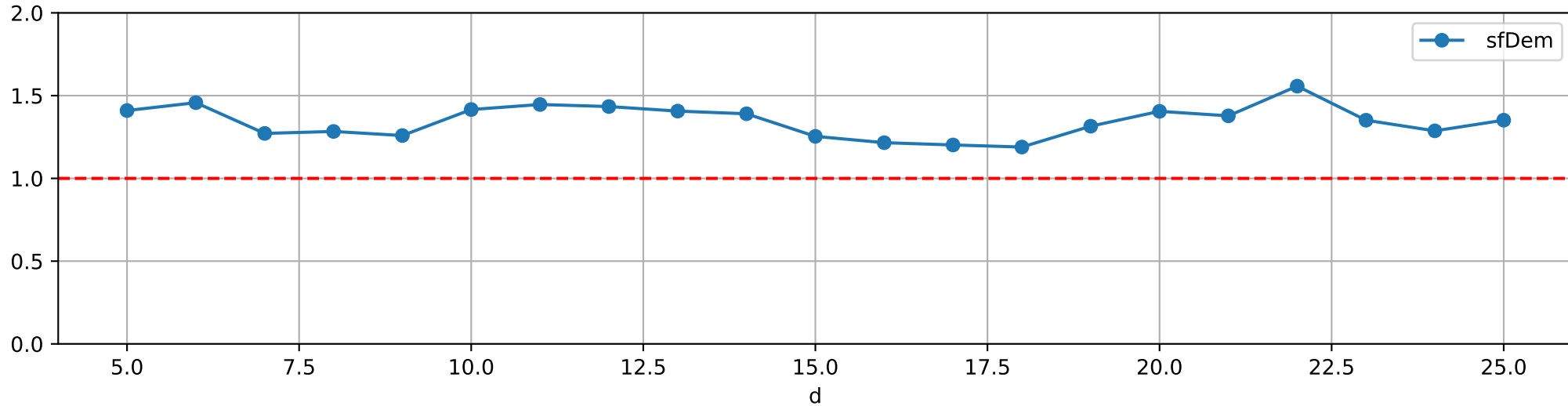
dStH: D\_Q50\_StH



dStH: D\_Est\_StH



dStH: sfDem



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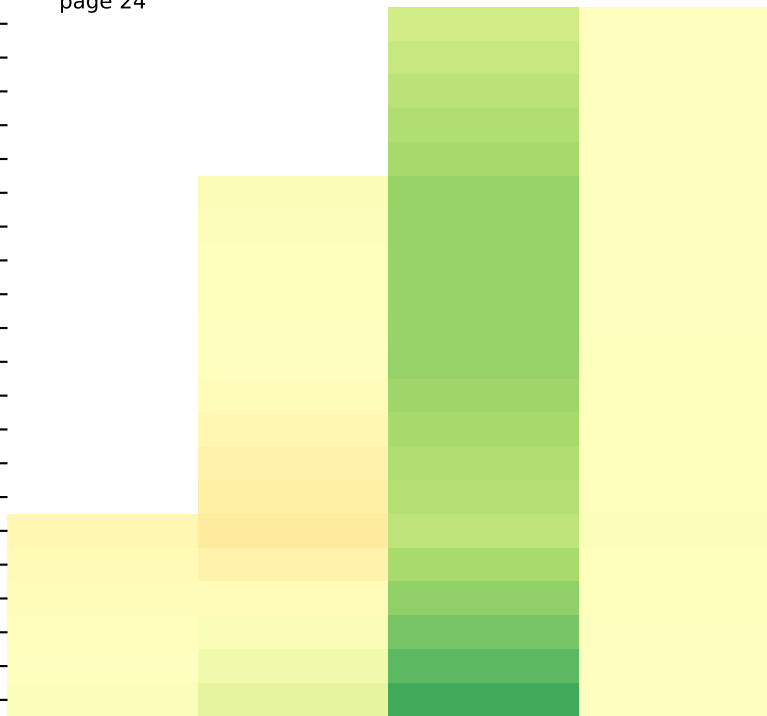
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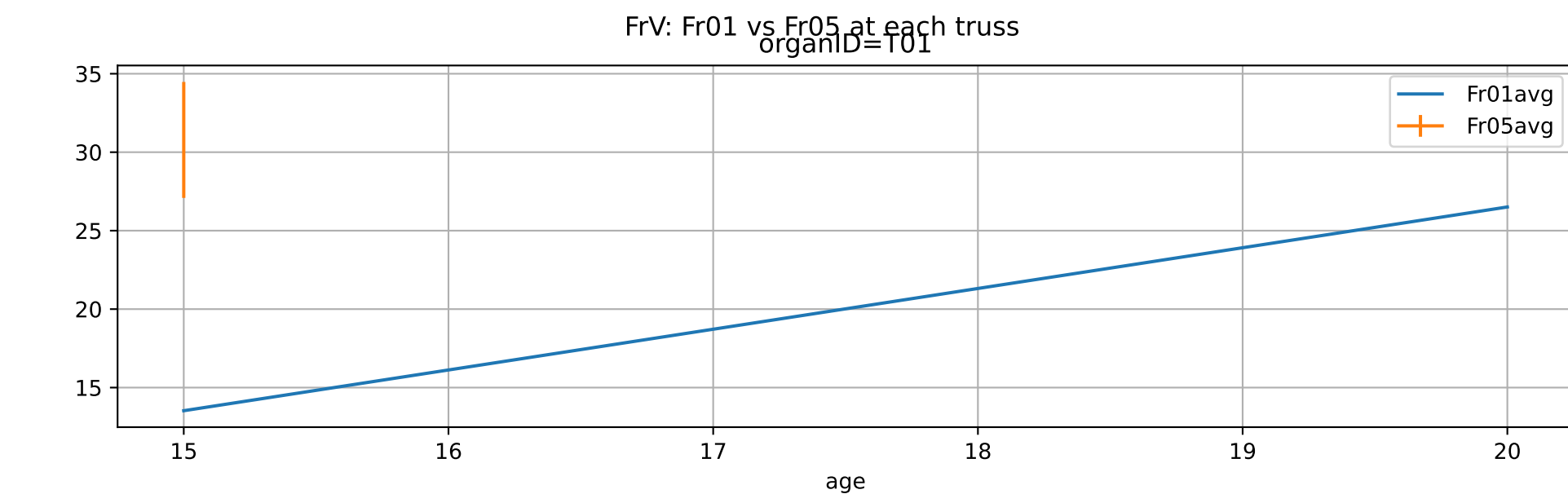
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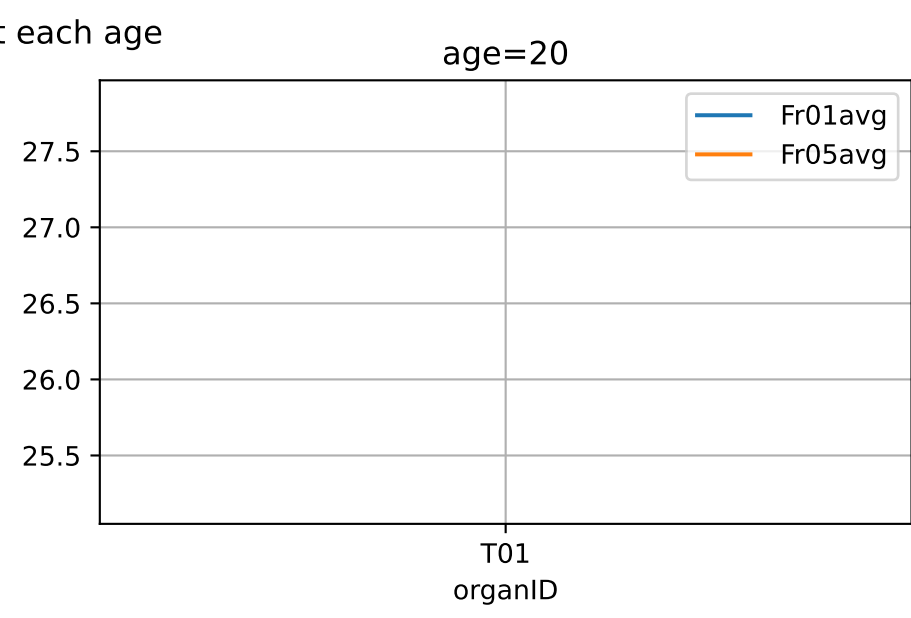
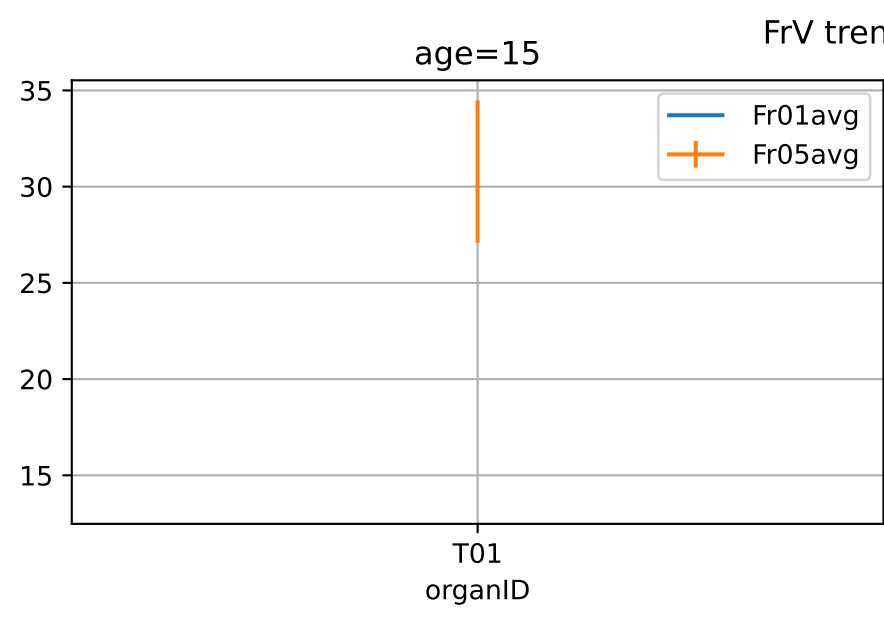
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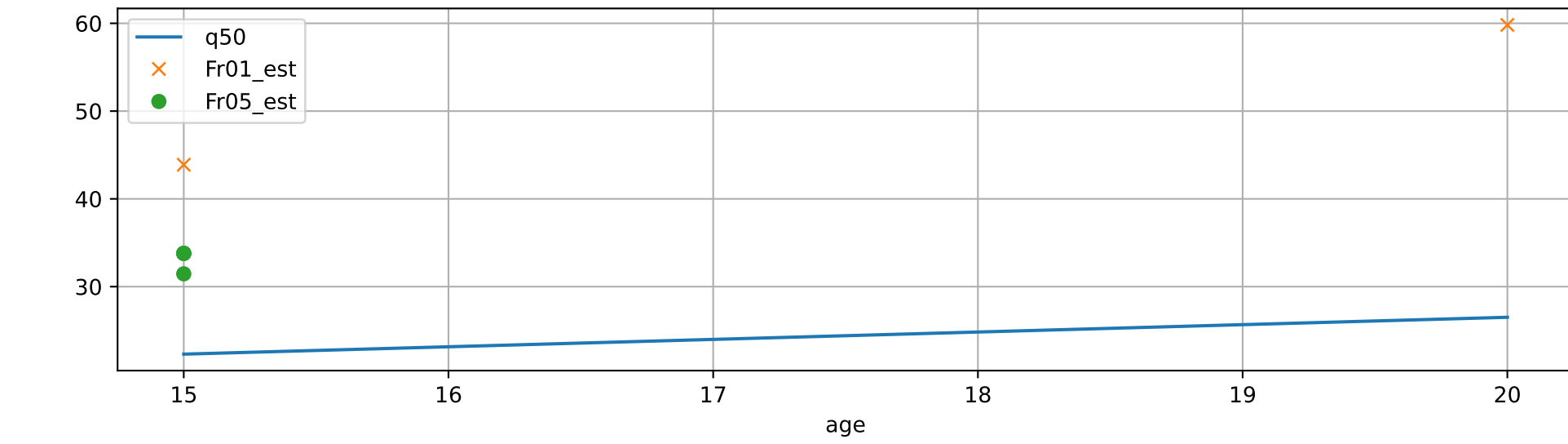
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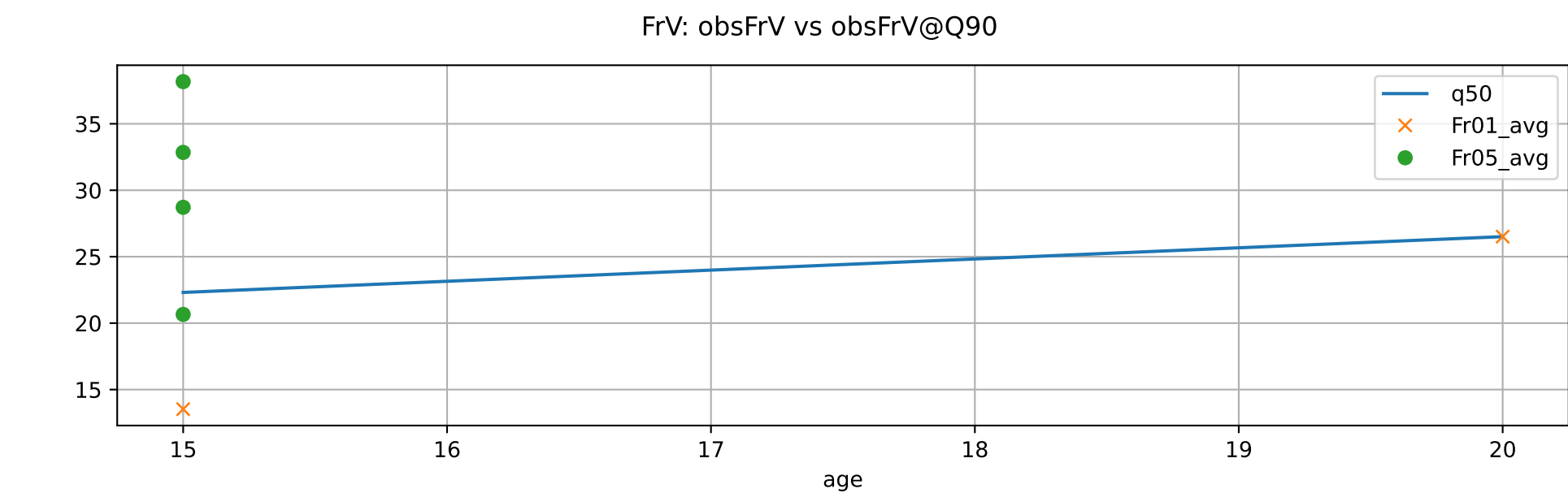






FrV: model Est vs obsFrV at Q90





FrV: D\_Fr1\_FrV  
organID=1

Warning: col ['d1avg', 'd1aavg'] missing

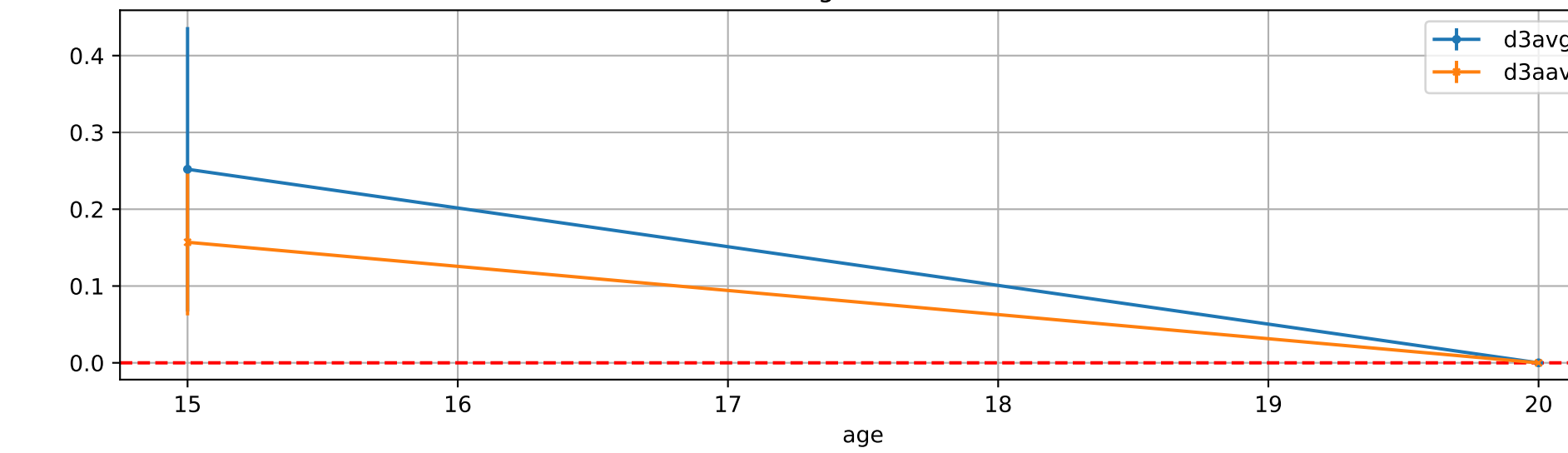
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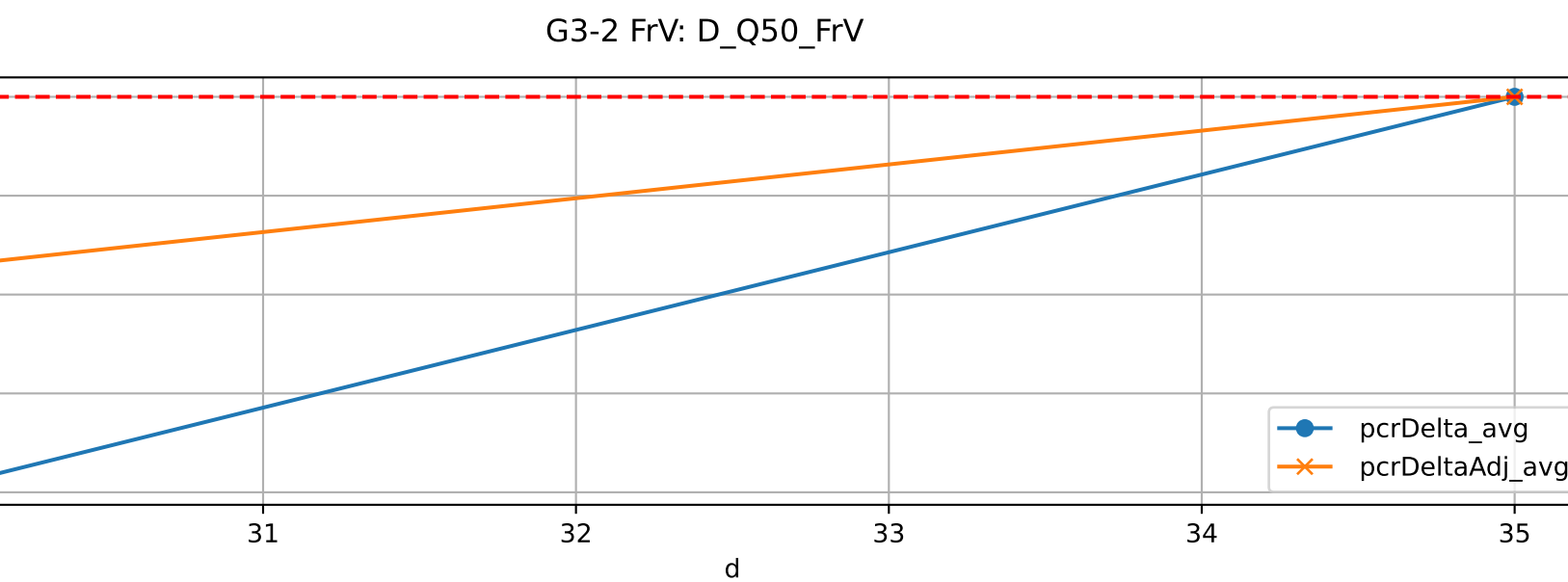
FrV: D\_Ts\_FrV  
organID=1

Warning: col ['d2avg', 'd2aavg'] missing

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FrV: D\_Q50\_FrV  
organID=1





FrV: D\_Est\_FrV  
organID=1