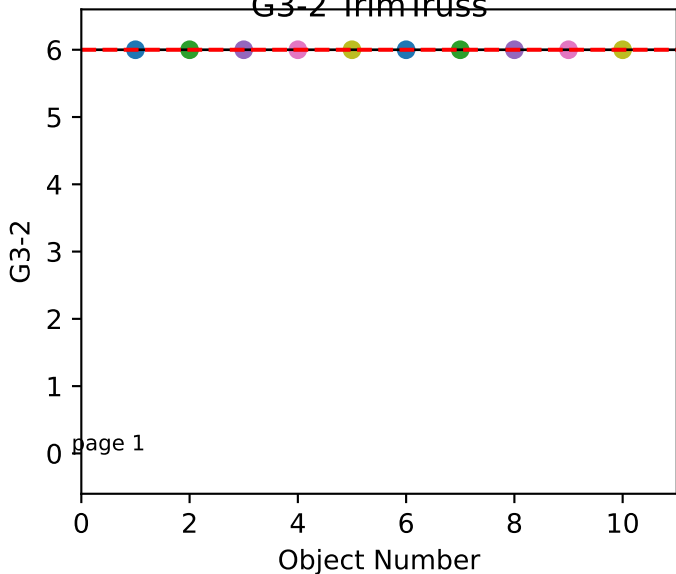


Phenotype Data Analysis Plots
PhenoData day range = 15 - 30
Analysis cutoff day = 30
NC11 G3-2
2025-06-12 (Day 31)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

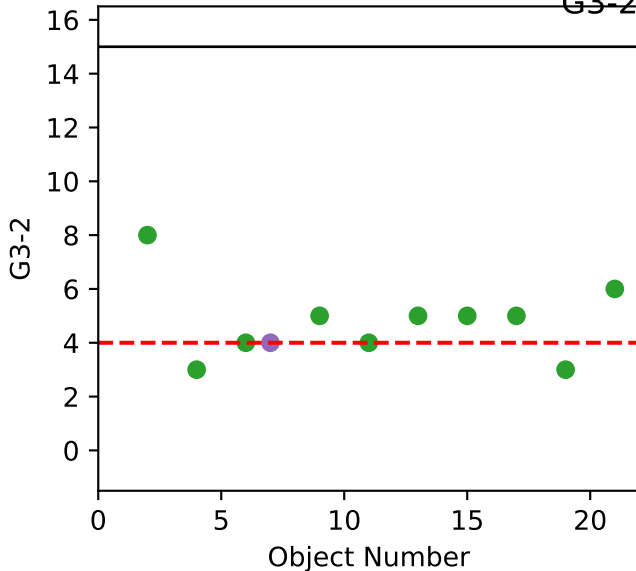
G3-2 Trim Truss



page 1

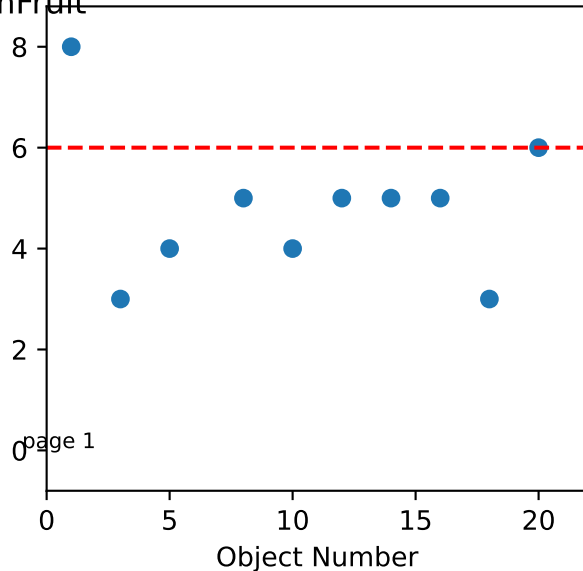
FruitNumAvgPerTruss (Def=15 Set=4)
avg1=4.0~21% avg2=na

G3-2

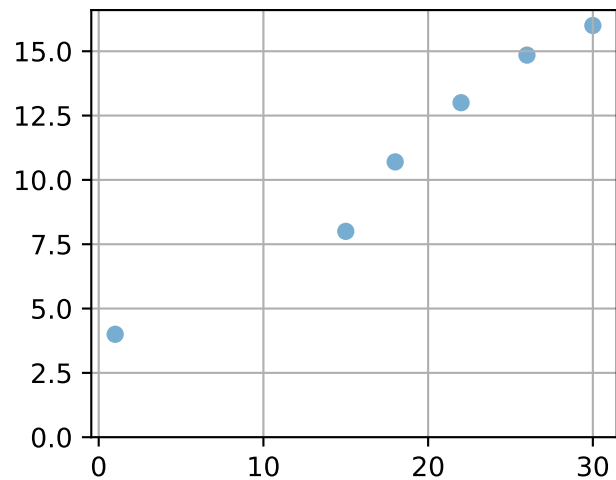


FruitNumMaxPerTruss (Def=na Set=6)
avg1=6.0~19% avg2=na

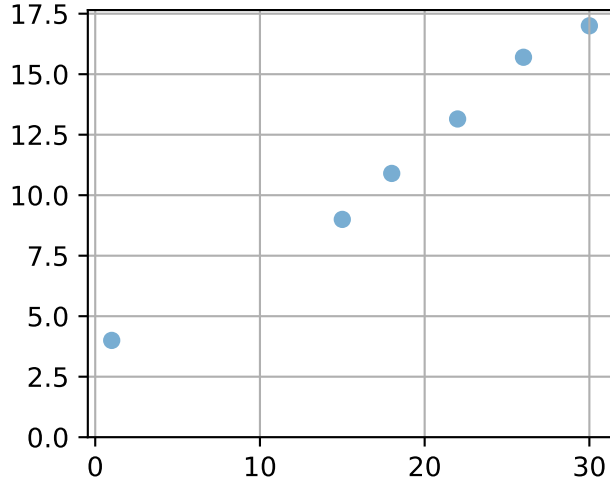
TrimFruit



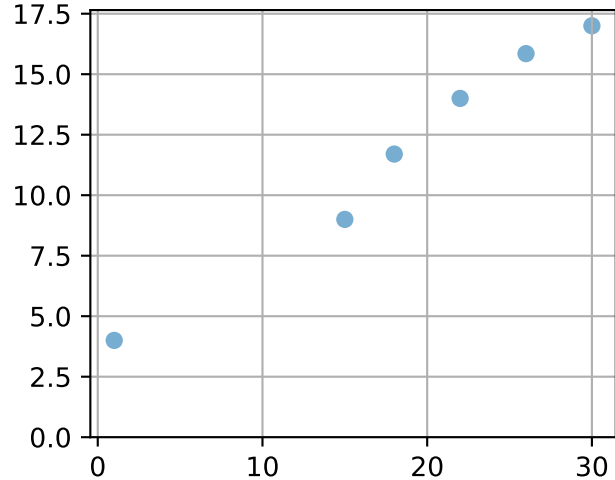
G3-2-108-72 (fit failed)



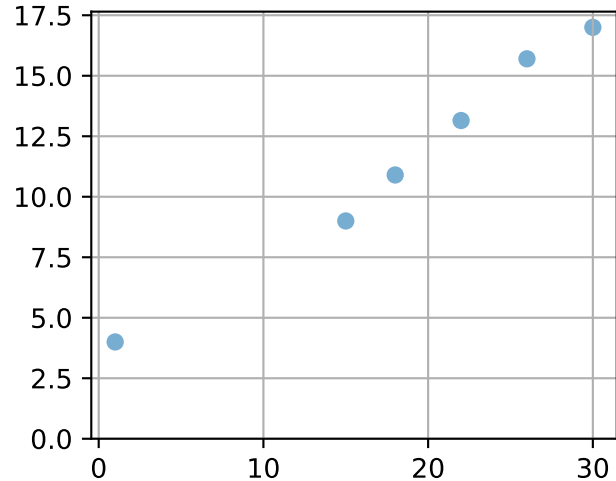
G3-2-114-21 (fit failed)



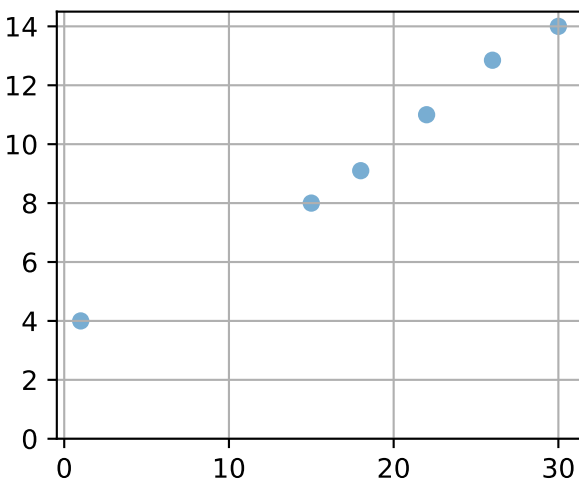
G3-2-12-13 (fit failed)



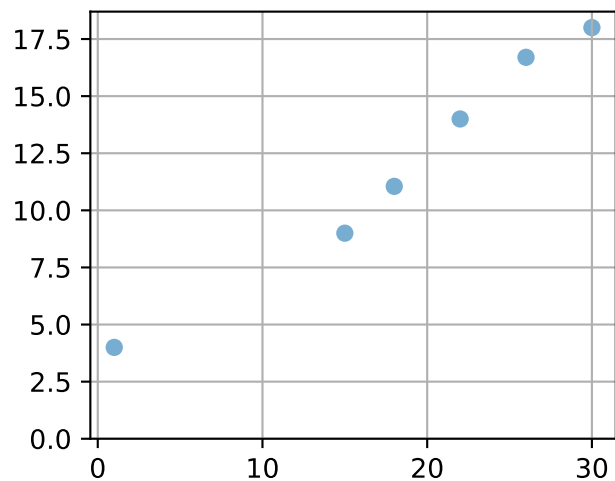
G3-2-14-40 (fit failed)



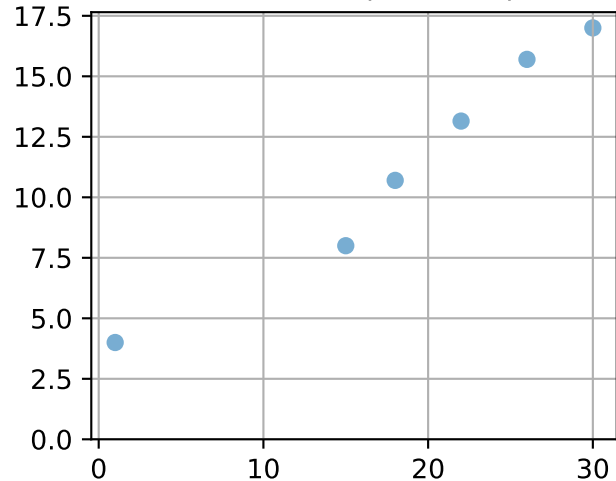
G3-2-25-36 (fit failed)



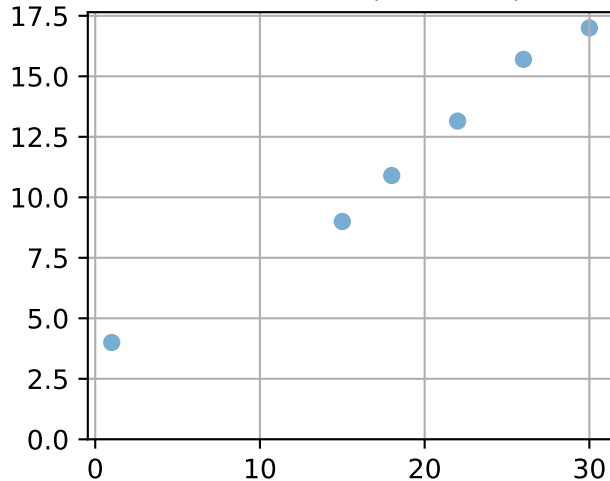
G3-2-36-67 (fit failed)



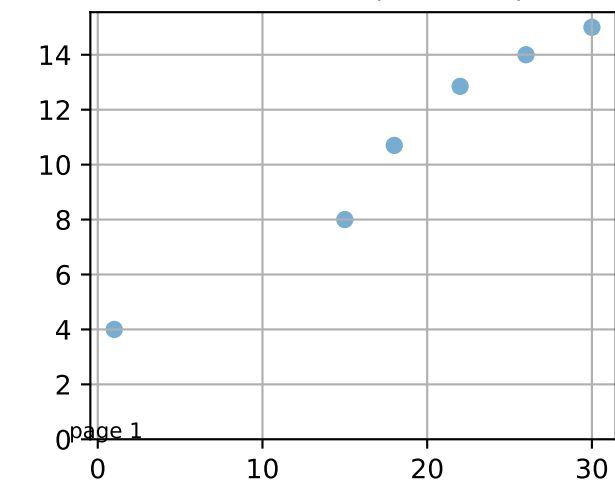
G3-2-51-4 (fit failed)



G3-2-63-12 (fit failed)

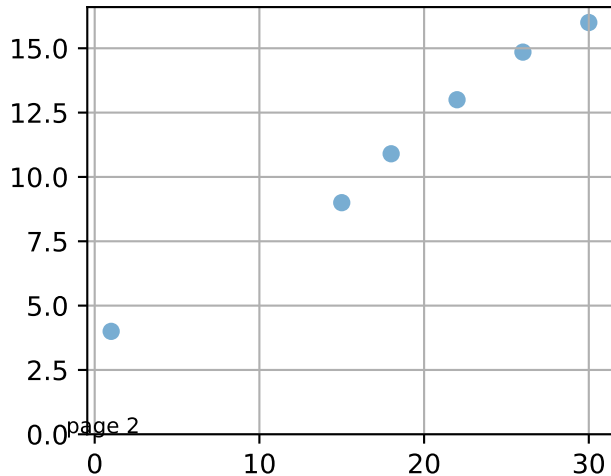


G3-2-79-66 (fit failed)



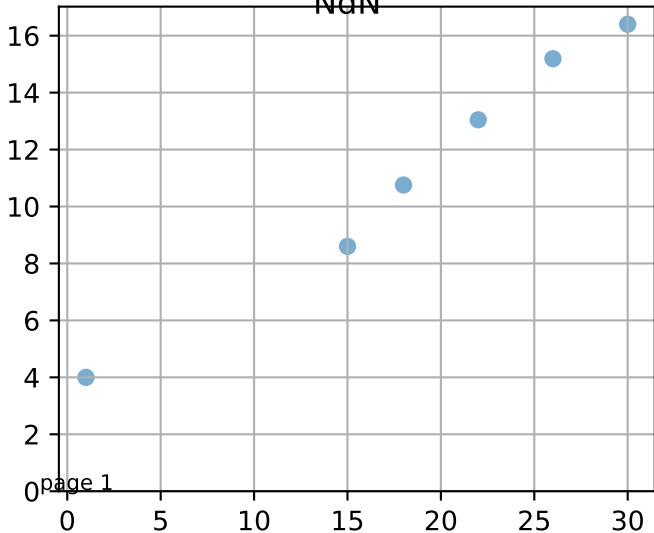
G3-2-84-44 (fit failed)

NdN



G3-2avg (fit failed)

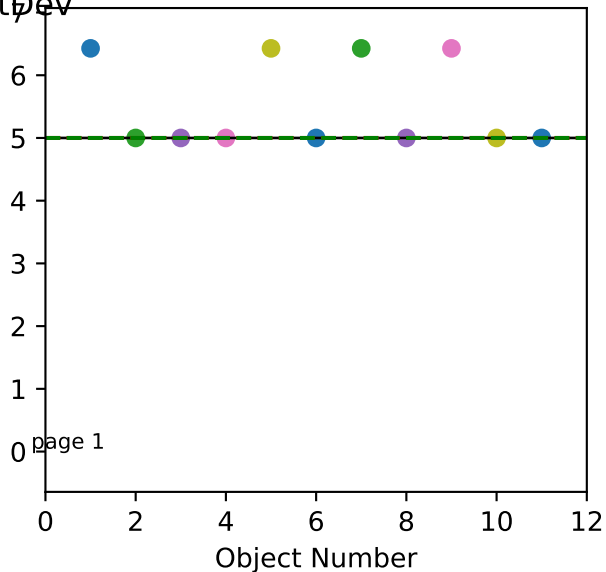
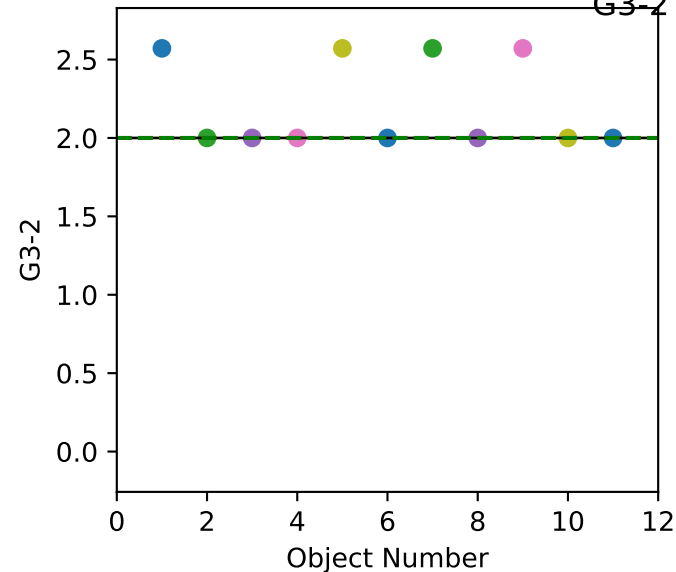
NaN



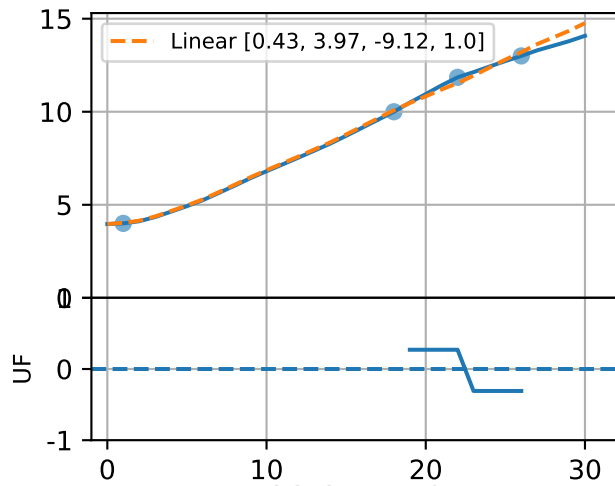
InitDev_dm (Def=2 Set=2.0)
avg1=2.0~15% avg2=2.0

G3-2 InitDev

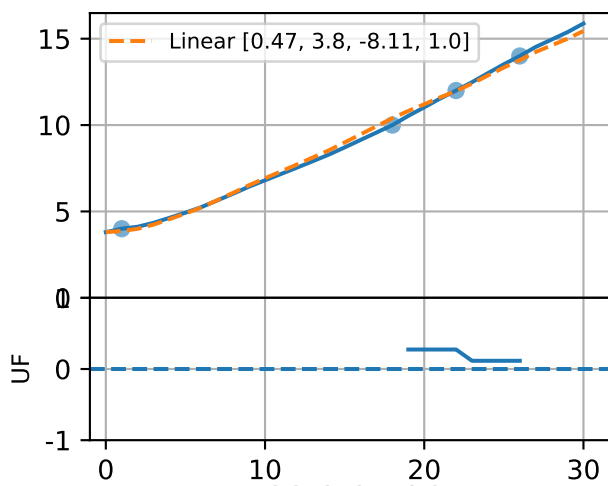
InitDev_de (Def=5 Set=5.0)
avg1=5.0~15% avg2=5.0



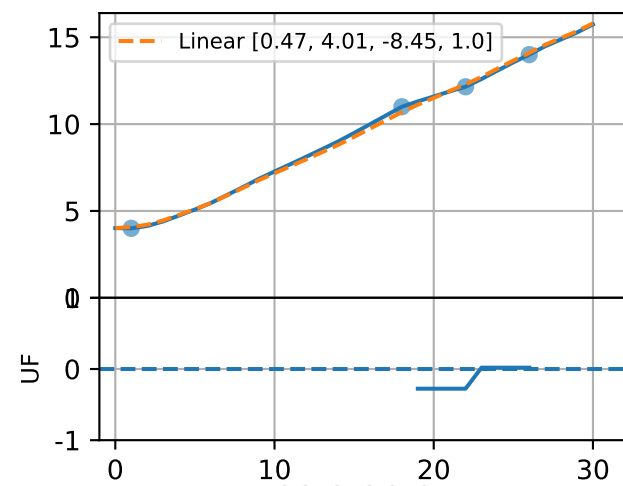
G3-2-108-72



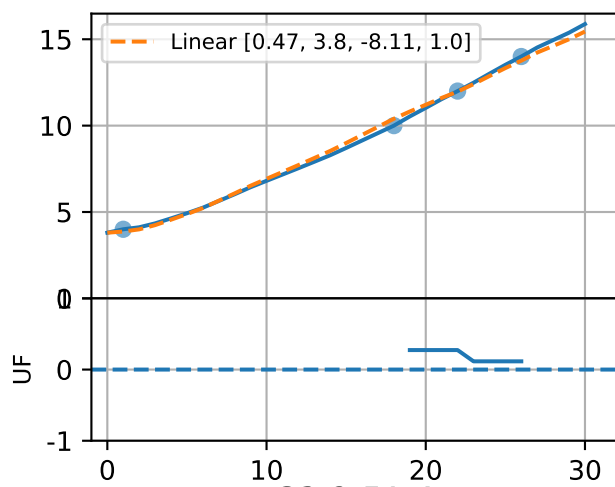
G3-2-114-21



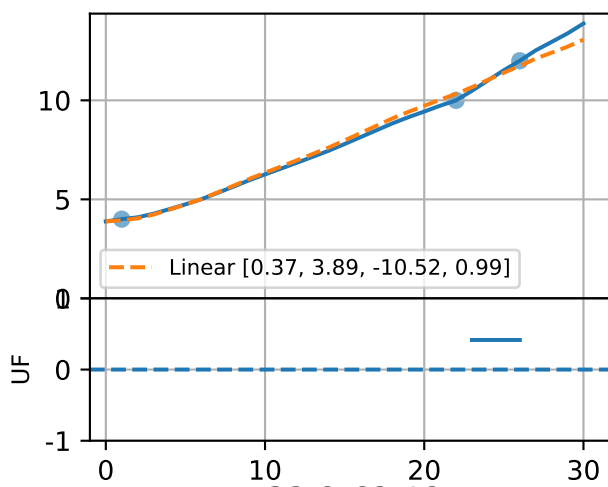
G3-2-12-13



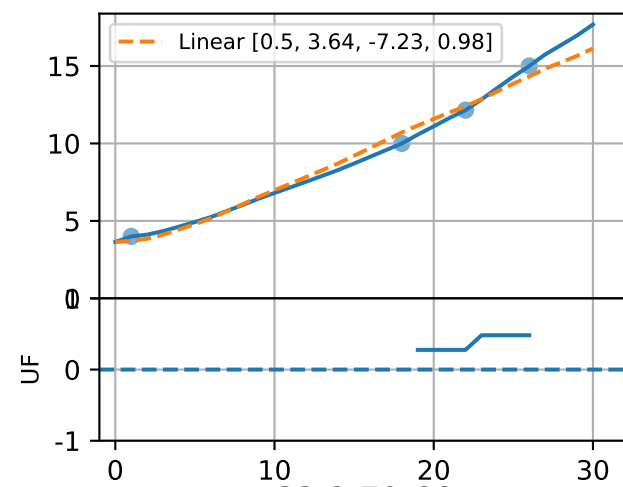
G3-2-14-40



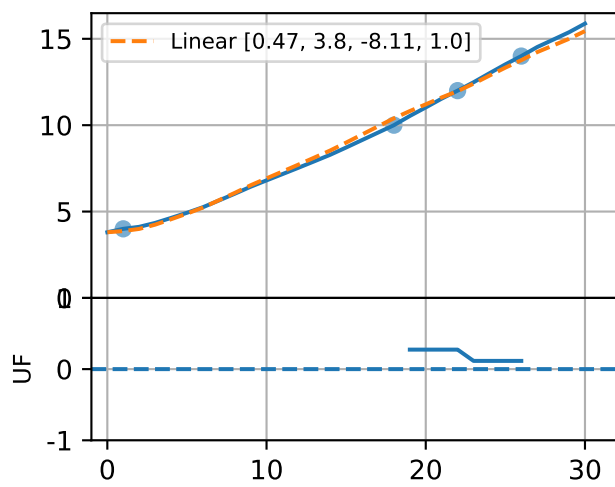
G3-2-25-36



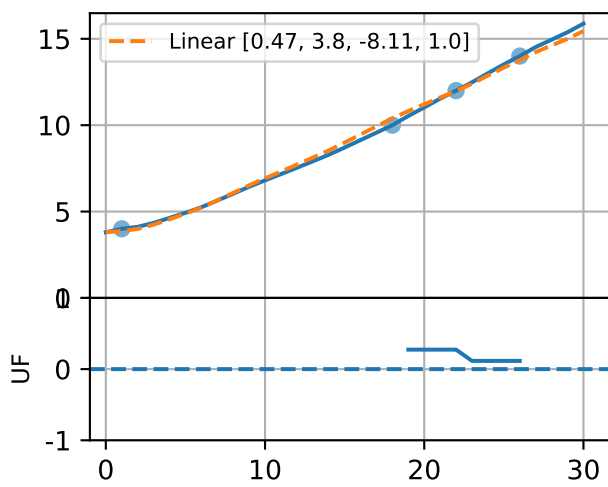
G3-2-36-67



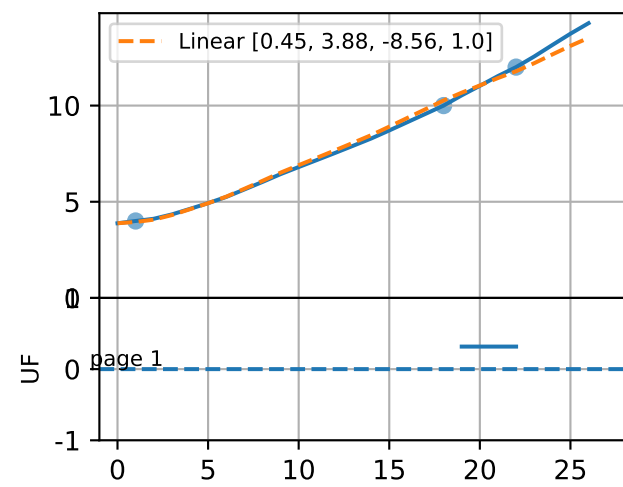
G3-2-51-4



G3-2-63-12

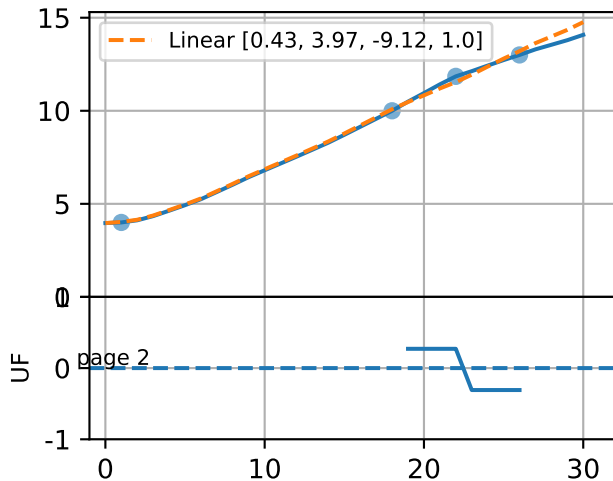


G3-2-79-66



G3-2-84-44

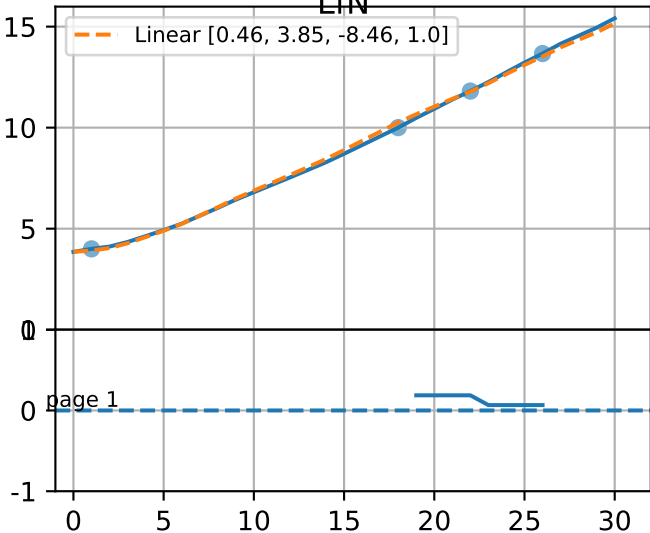
LfN



G3-2avg LfN

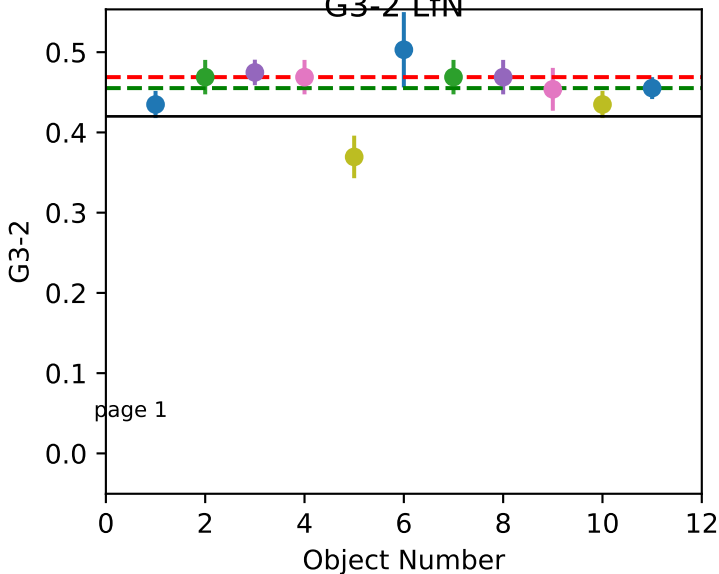
Linear [0.46, 3.85, -8.46, 1.0]

UF
page 1

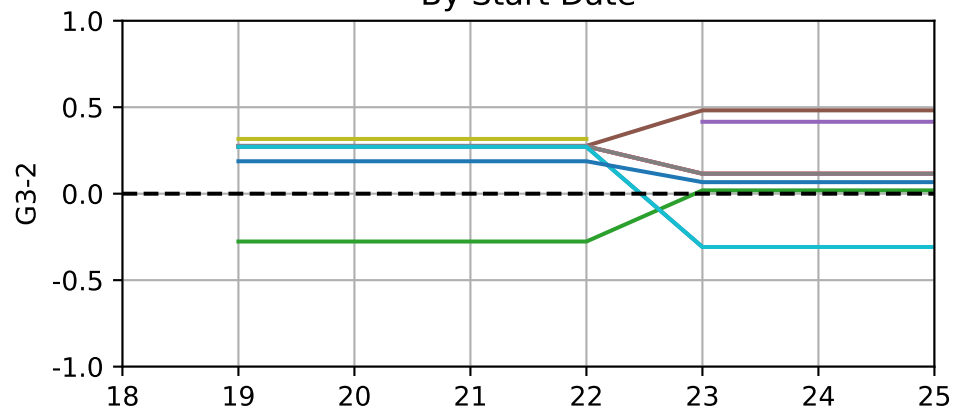


a (Def=0.42 Set=0.46)
avg1=0.47~4% avg2=0.46~9%

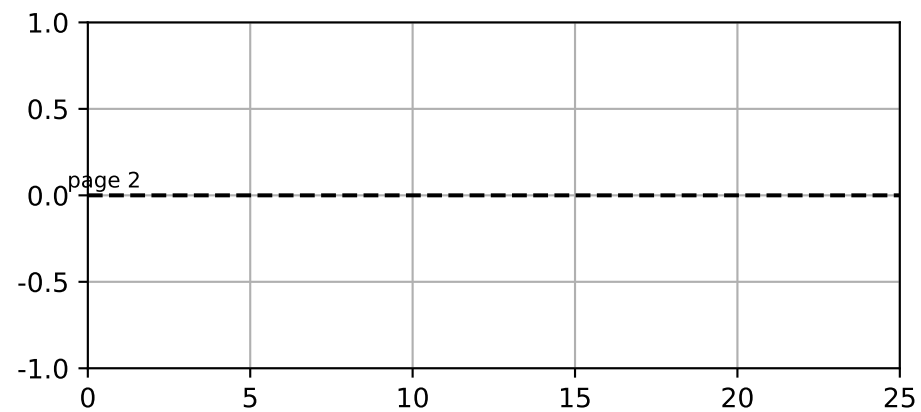
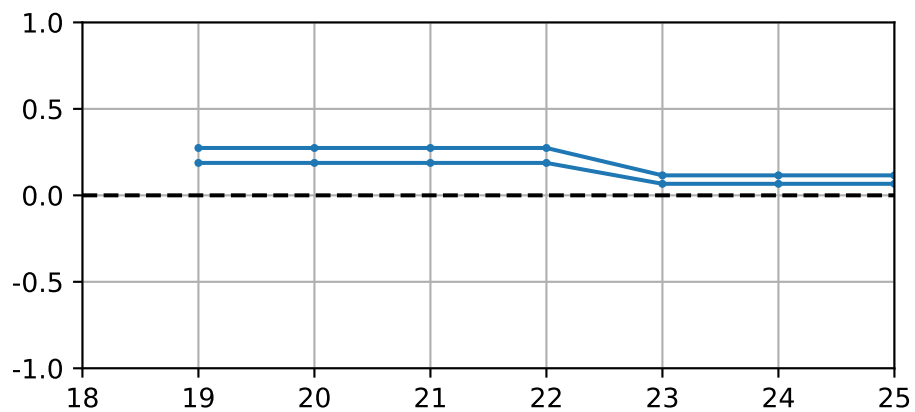
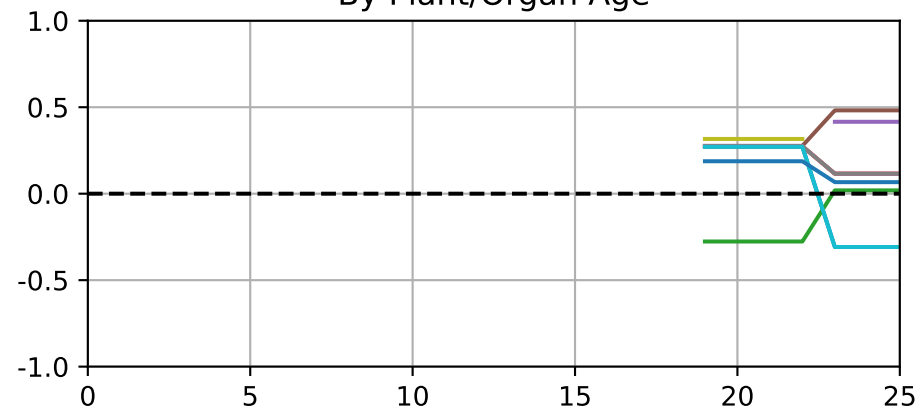
G3-2 LFN



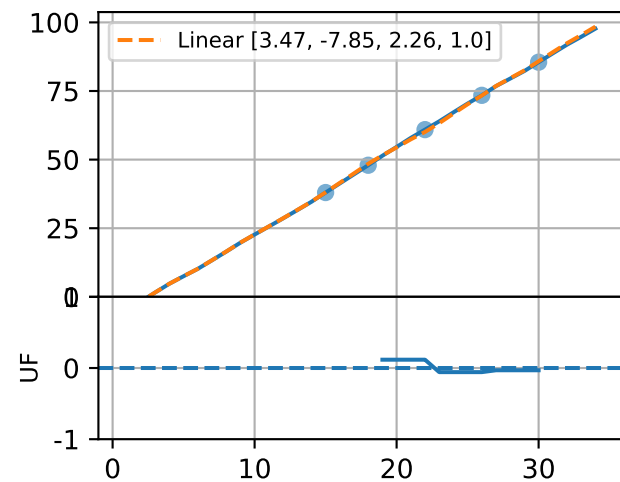
By Start Date



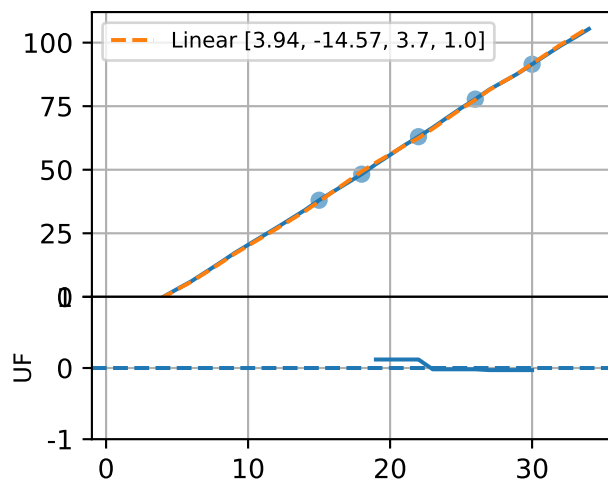
By Plant/Organ Age



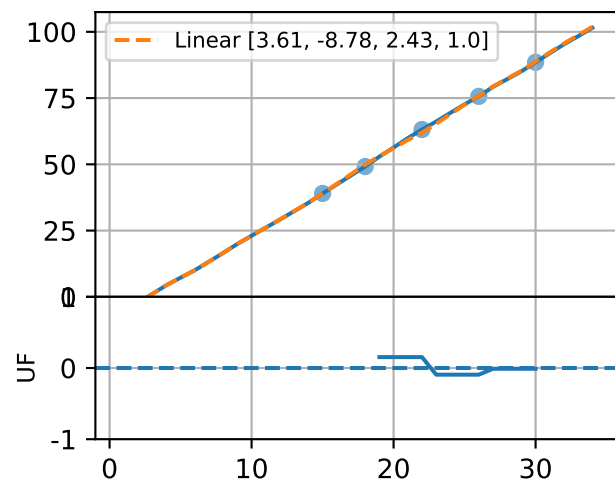
G3-2-108-72



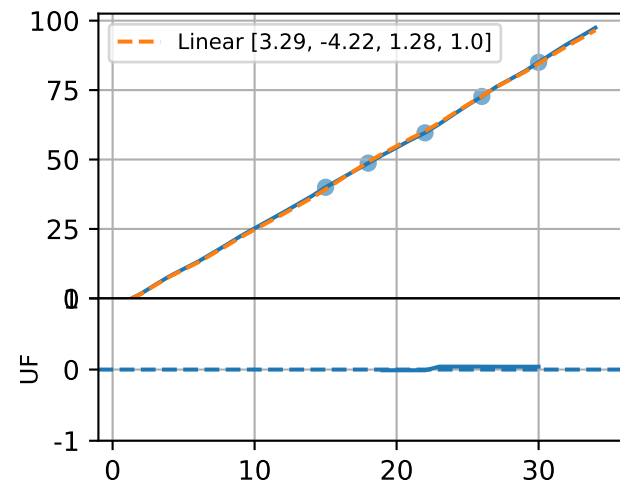
G3-2-114-21



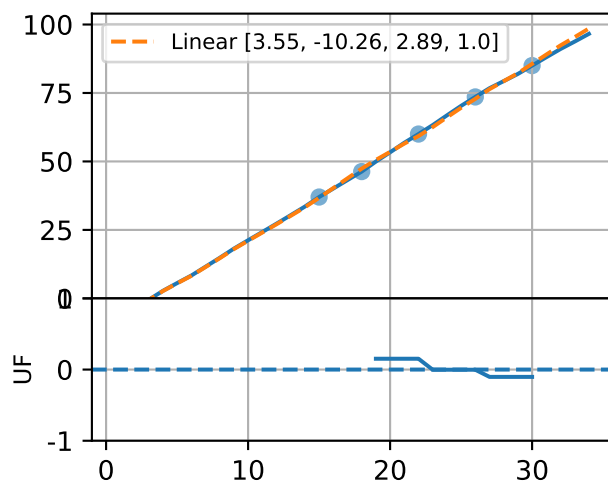
G3-2-12-13



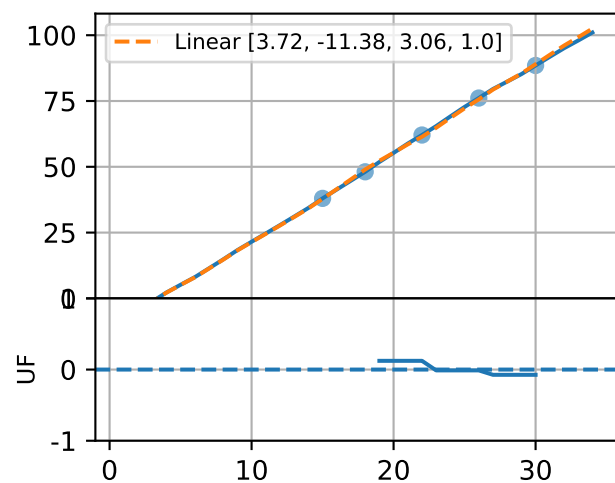
G3-2-14-40



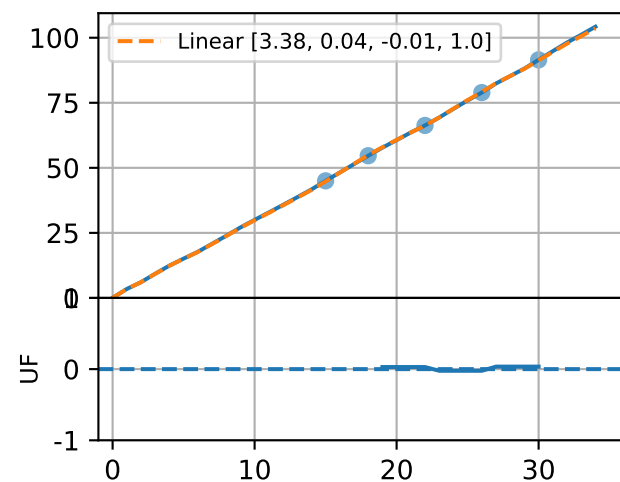
G3-2-25-36



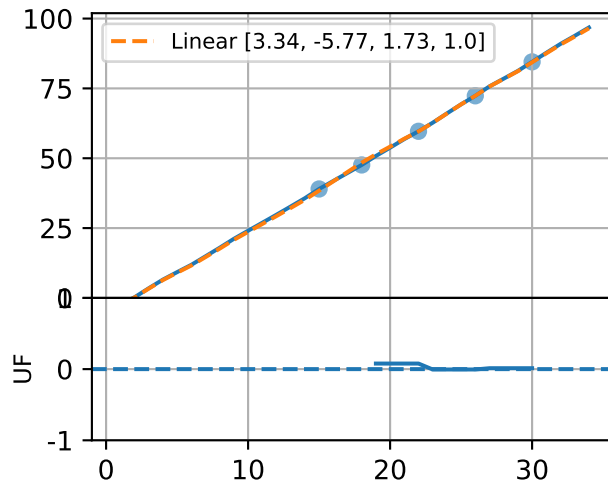
G3-2-36-67



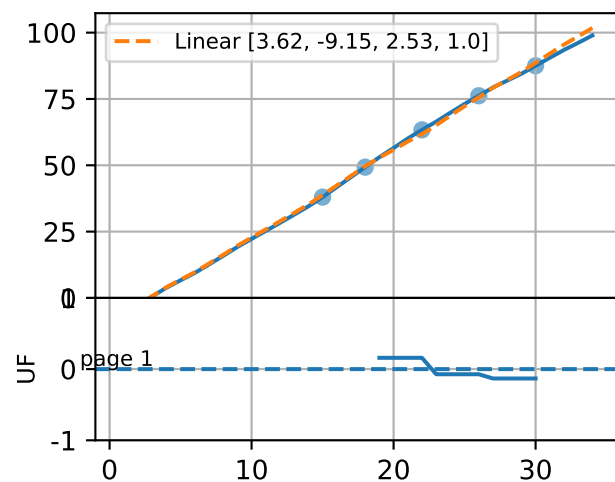
G3-2-51-4



G3-2-63-12

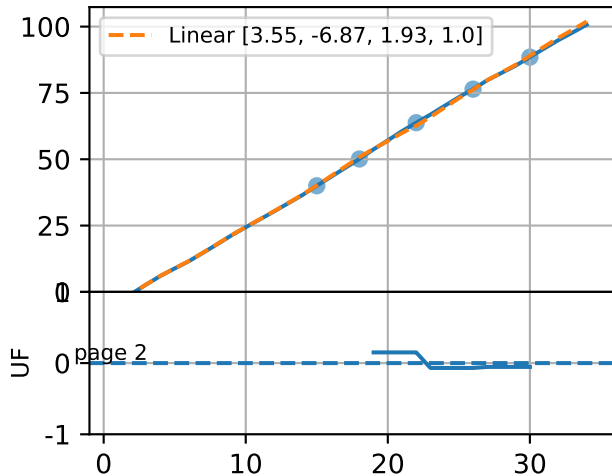


G3-2-79-66

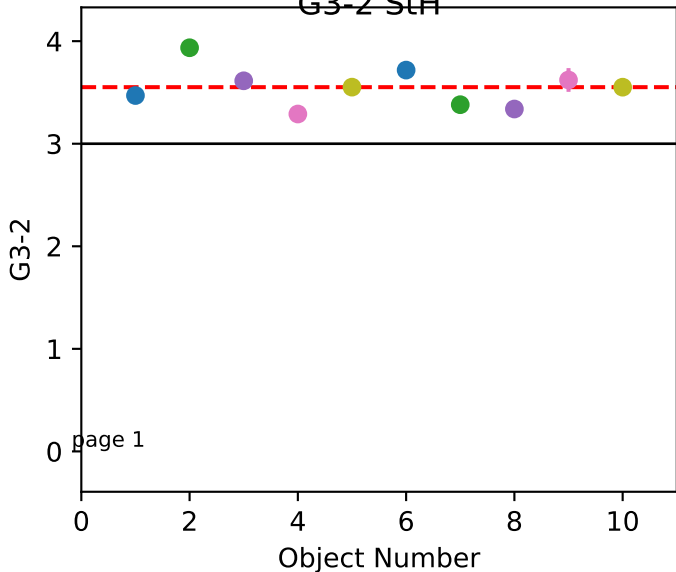


G3-2-84-44

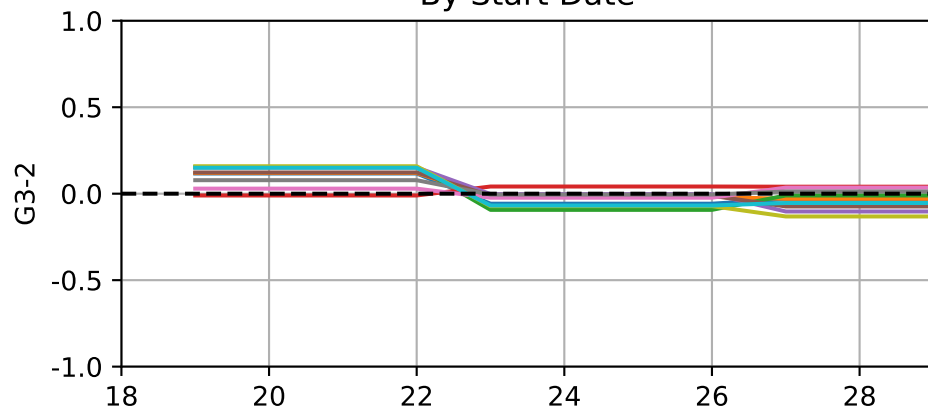
StH



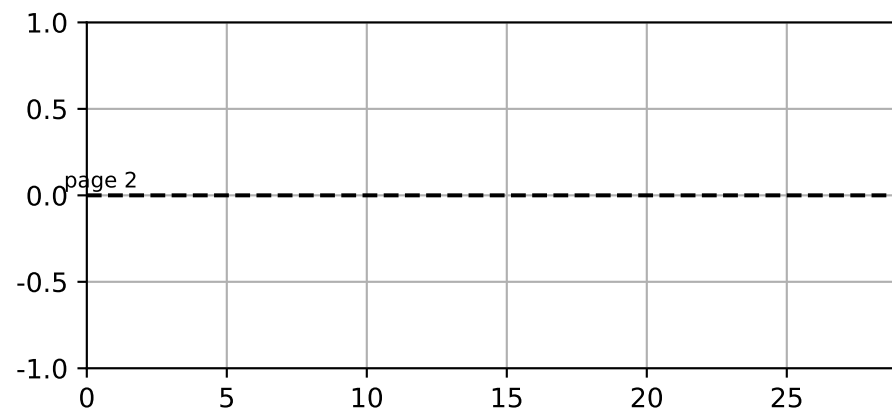
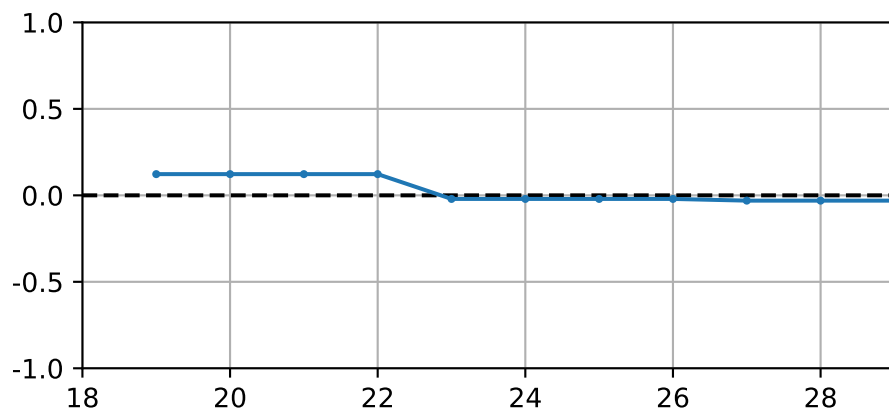
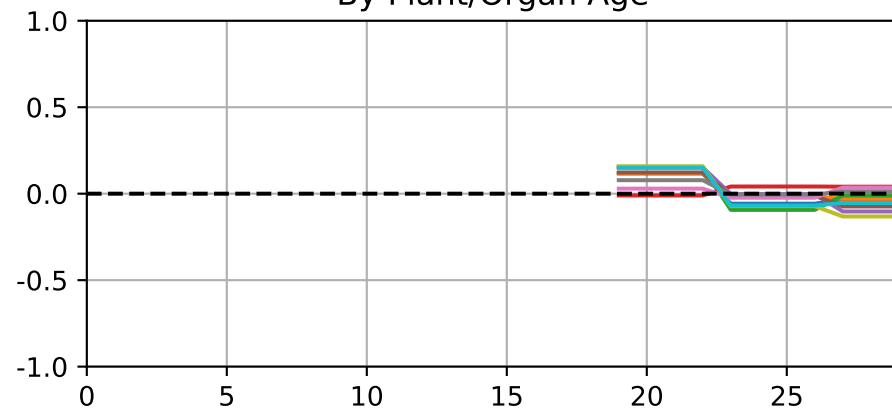
a (Def=3 Set=3.55)
avg1=3.55~5% avg2=na
G3-2 StH



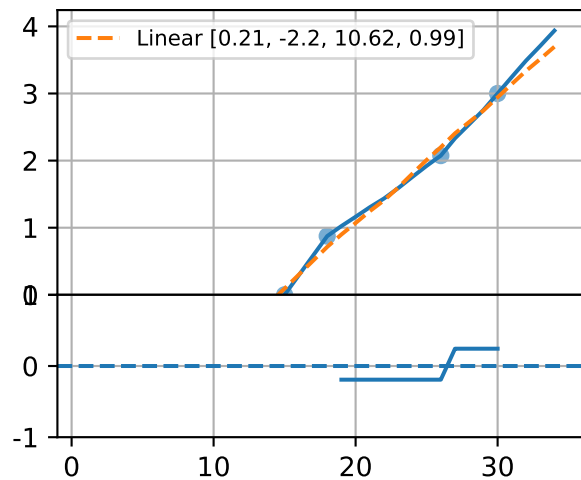
By Start Date



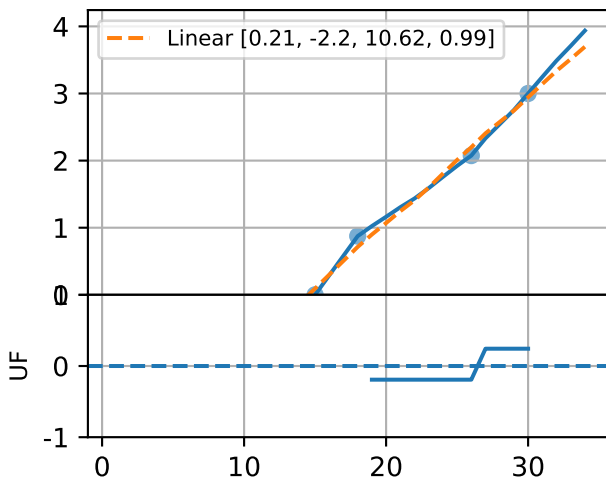
By Plant/Organ Age



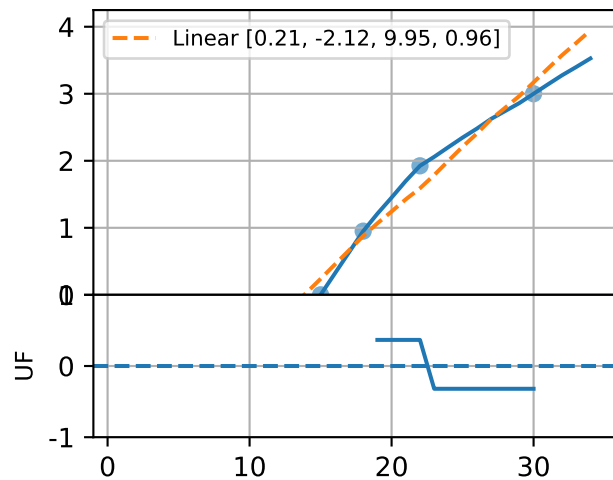
G3-2-108-72



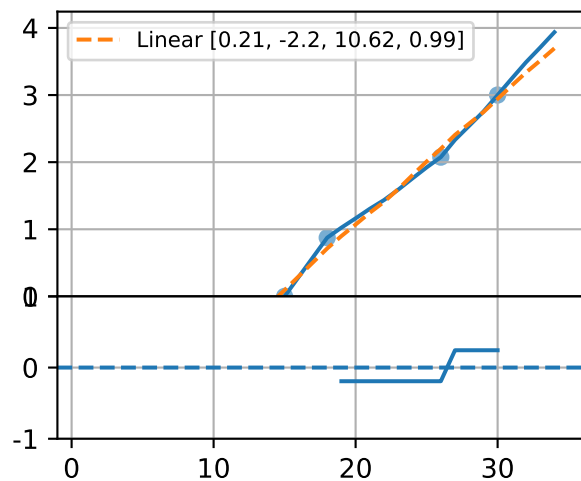
G3-2-114-21



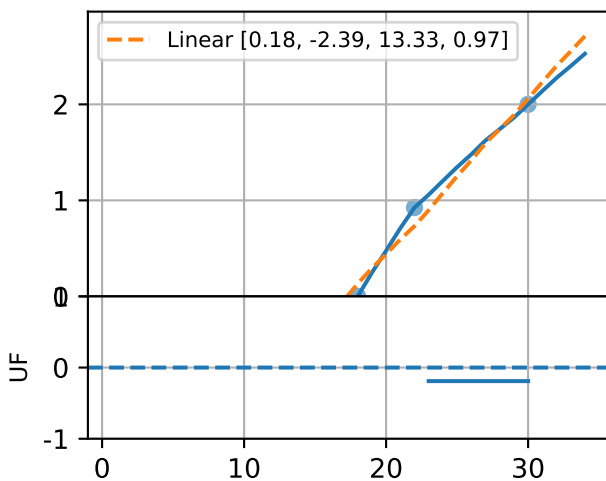
G3-2-12-13



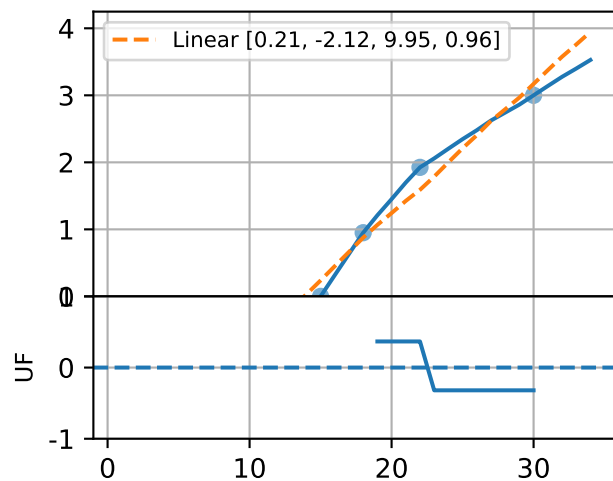
G3-2-14-40



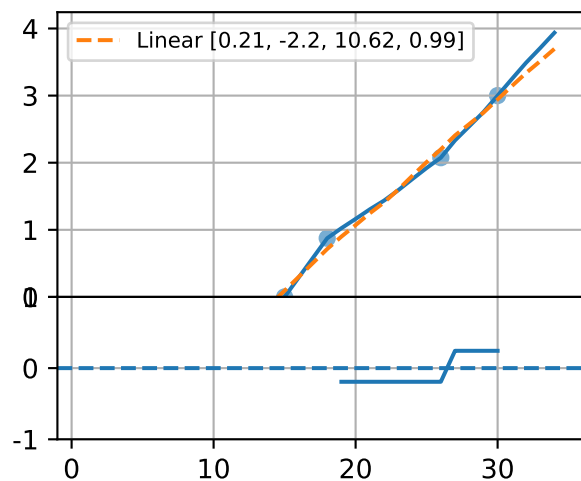
G3-2-25-36



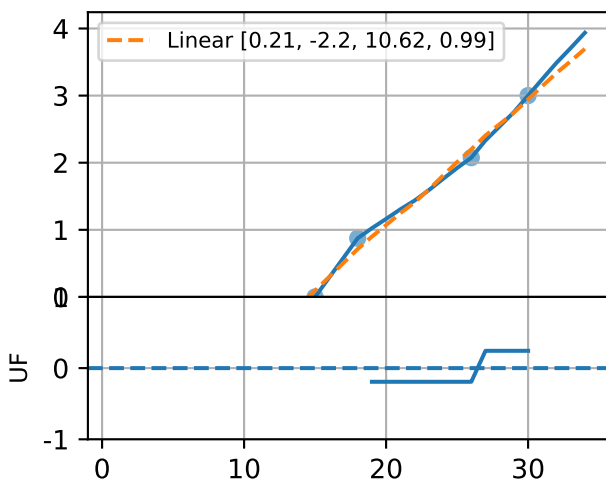
G3-2-36-67



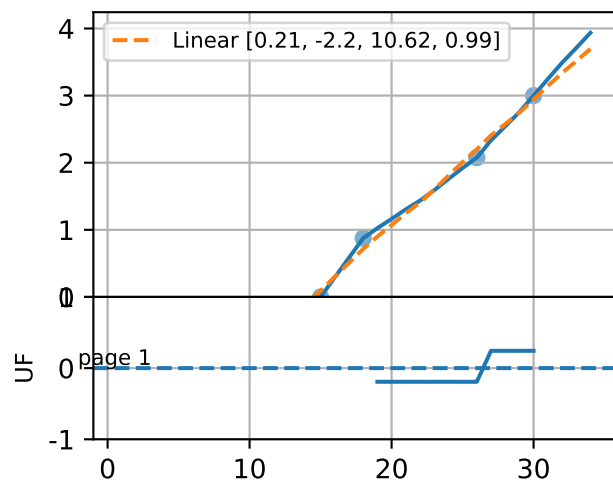
G3-2-51-4



G3-2-63-12

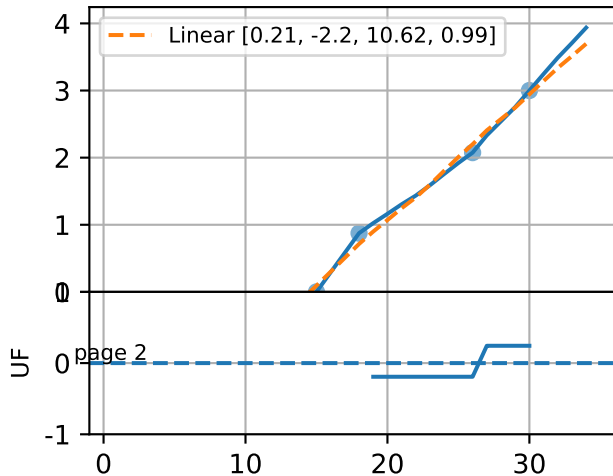


G3-2-79-66



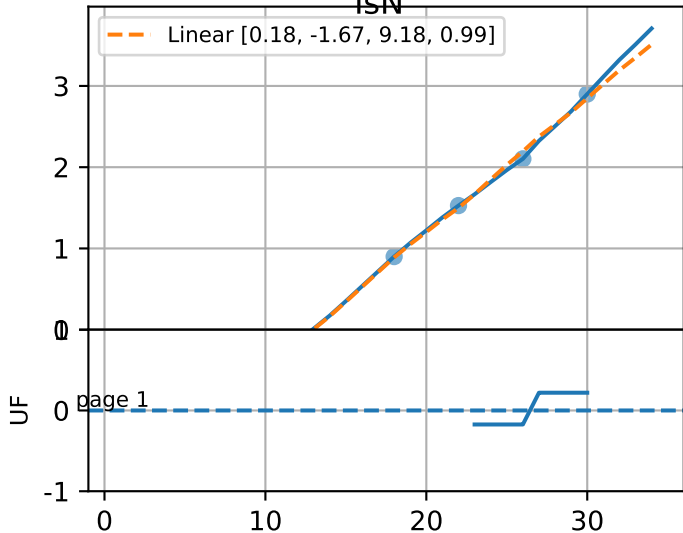
G3-2-84-44

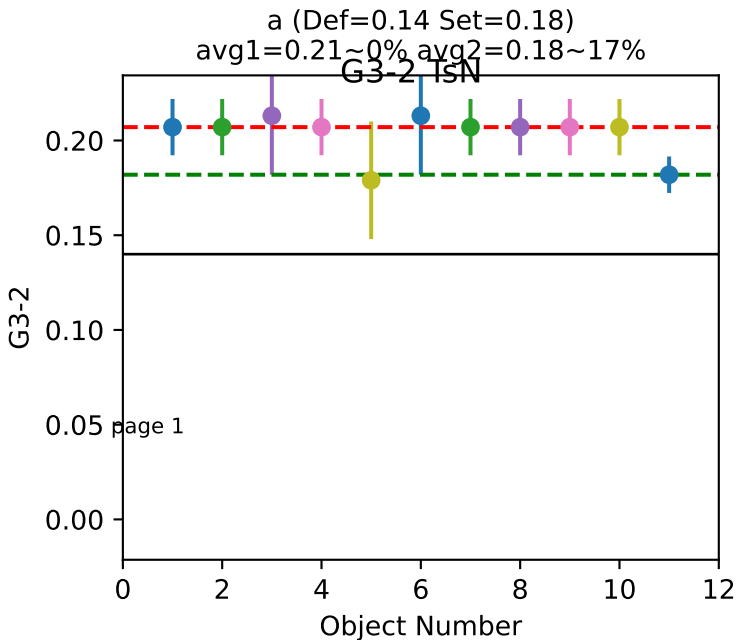
TsN



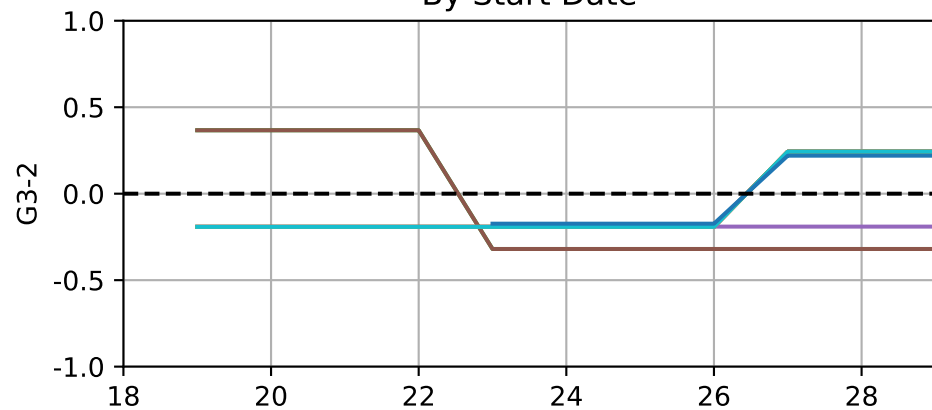
page 2

G3-2avg

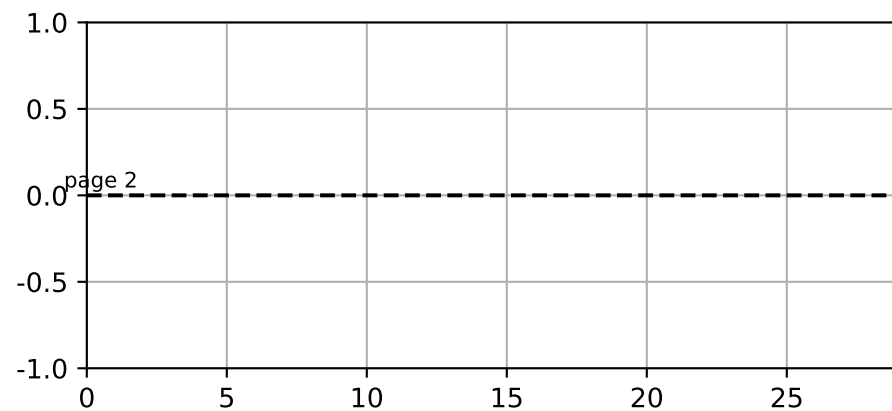
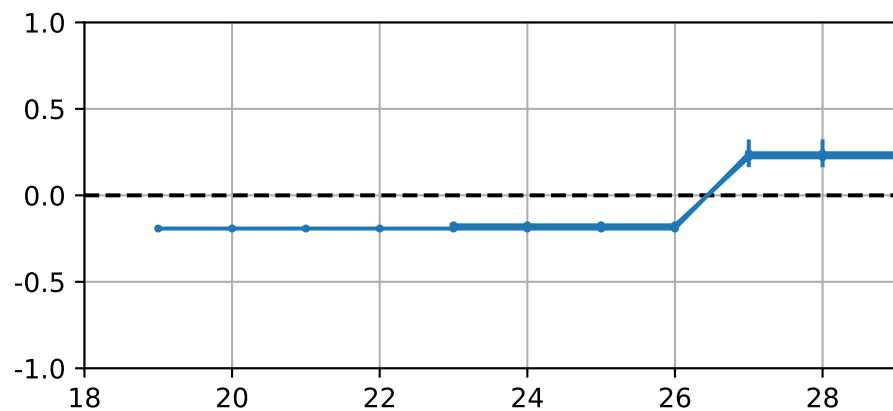
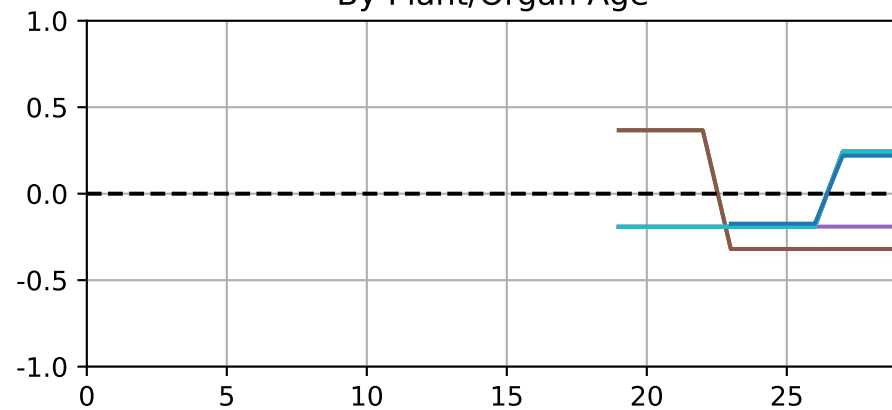




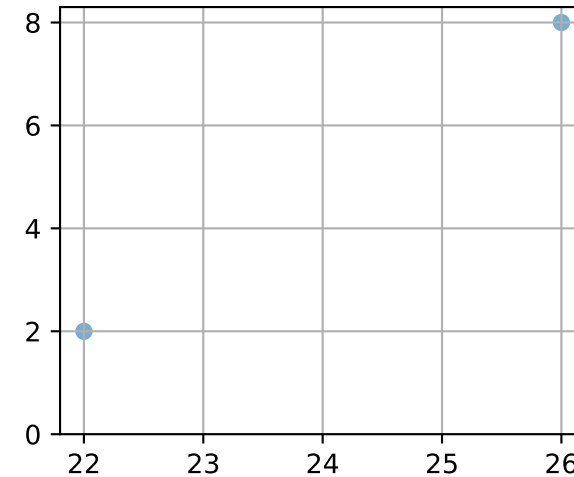
By Start Date



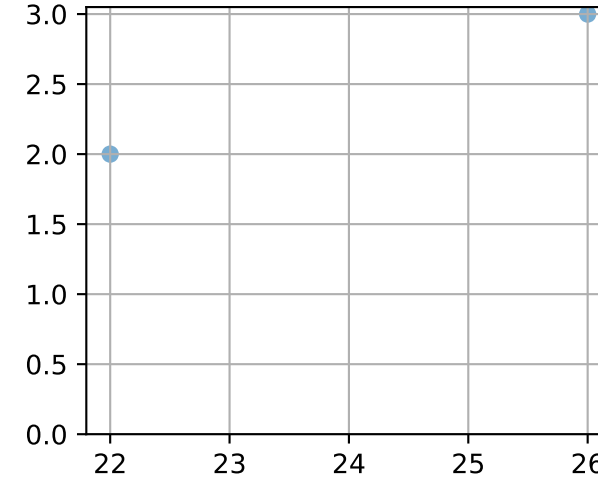
By Plant/Organ Age



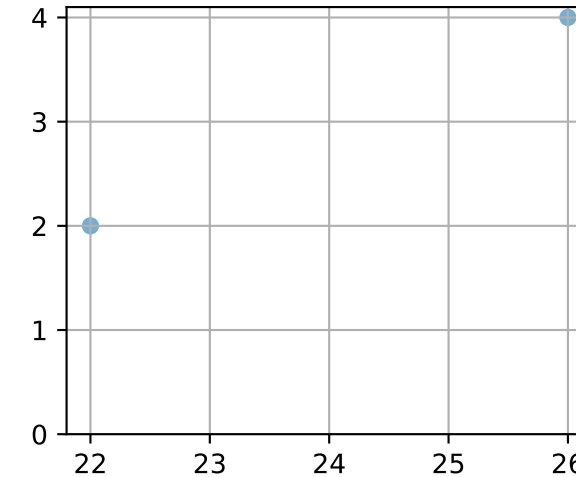
G3-2-108-72T1 (fit failed)



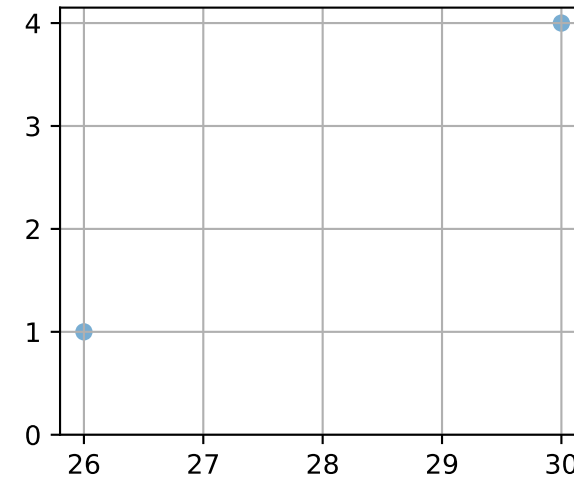
G3-2-114-21T1 (fit failed)



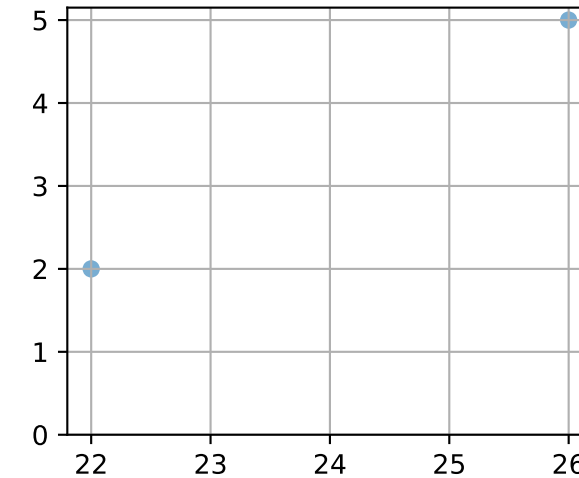
G3-2-12-13T1 (fit failed)



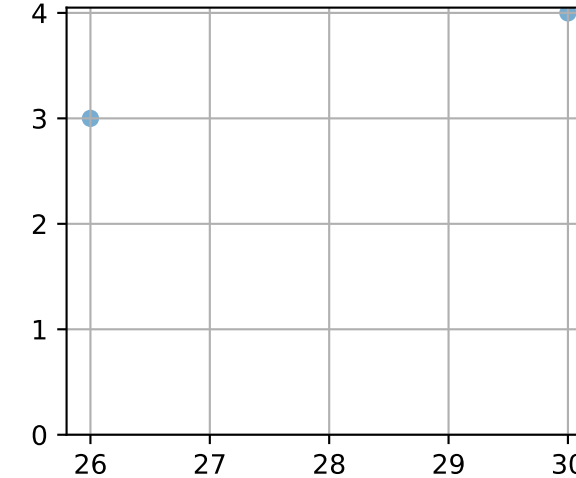
G3-2-12-13T2 (fit failed)



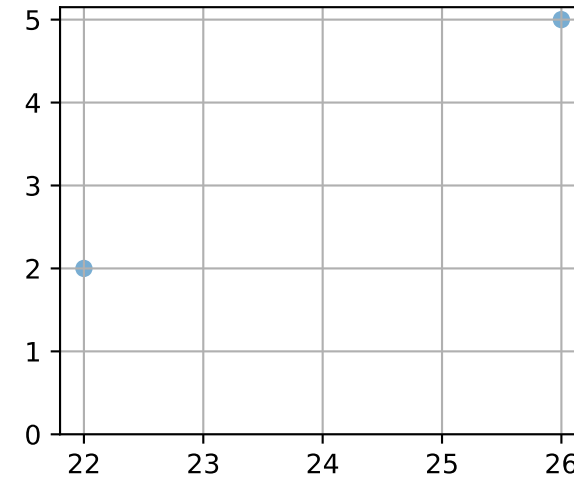
G3-2-14-40T1 (fit failed)



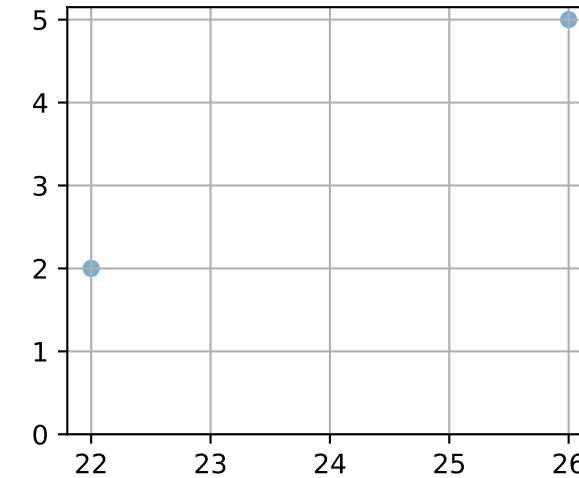
G3-2-25-36T1 (fit failed)



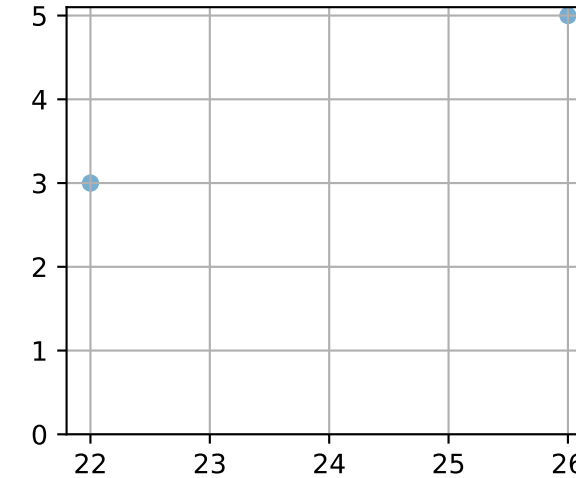
G3-2-36-67T1 (fit failed)



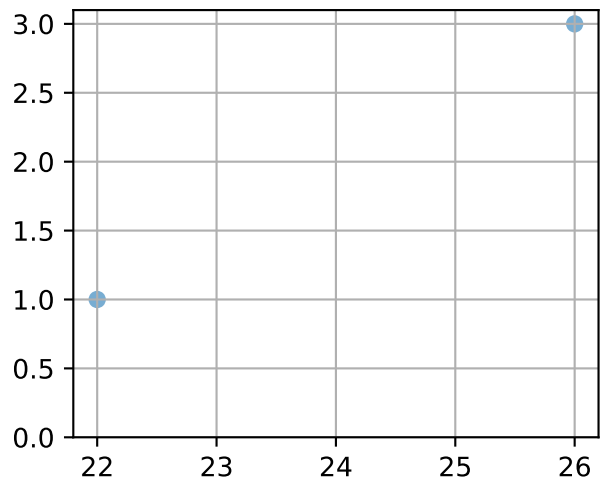
G3-2-51-4T1 (fit failed)



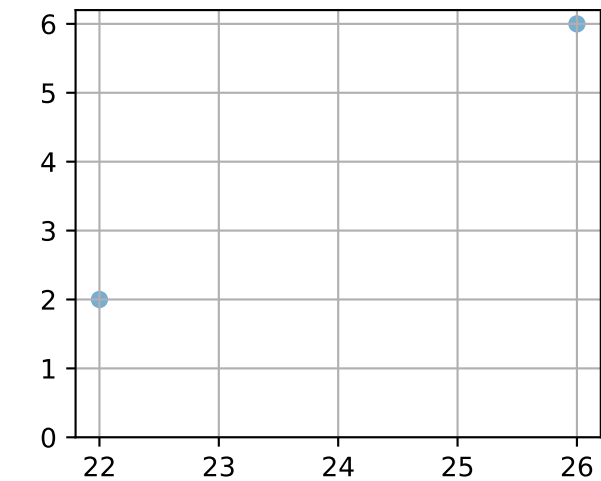
G3-2-63-12T1 (fit failed)

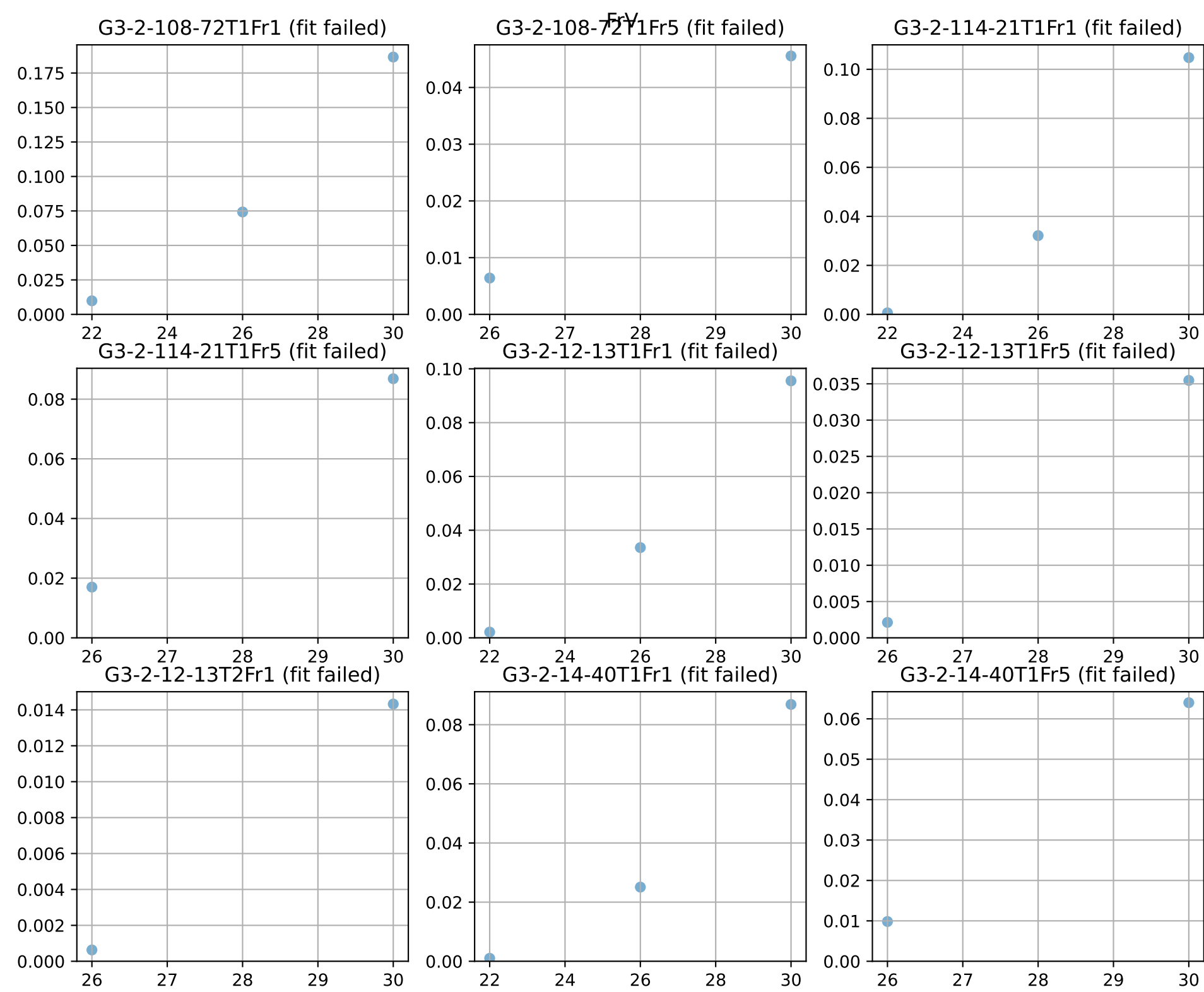


G3-2-79-66T1 (fit failed)

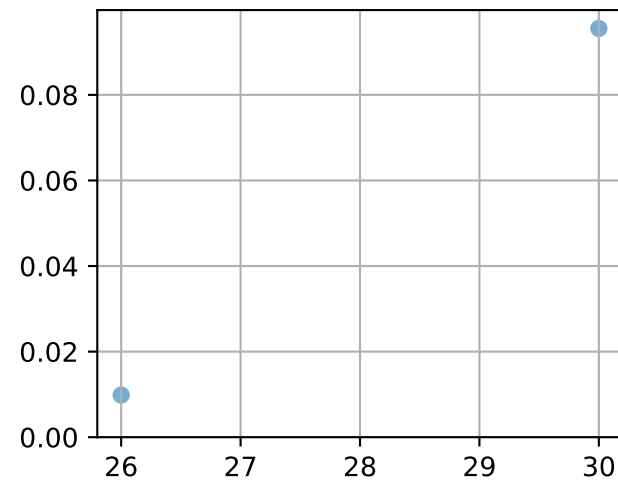


G3-2-84-44T1 (fit failed)

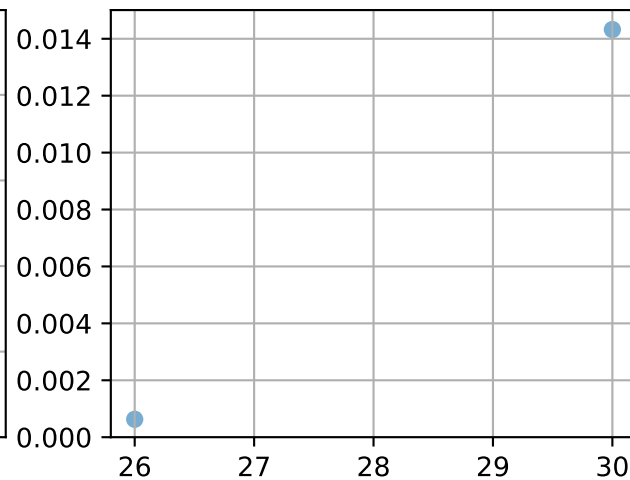




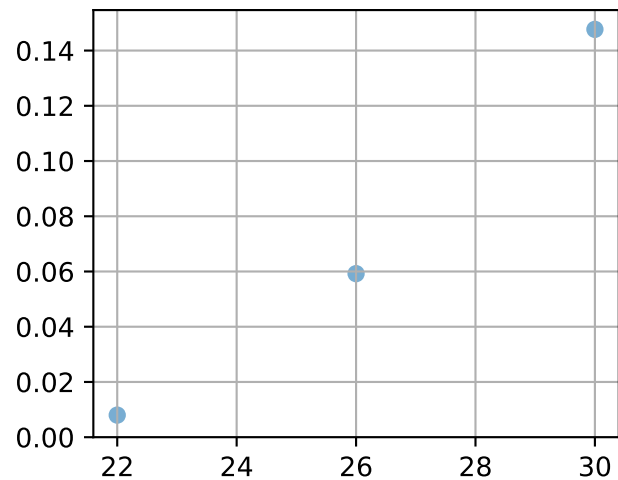
G3-2-25-36T1Fr1 (fit failed)



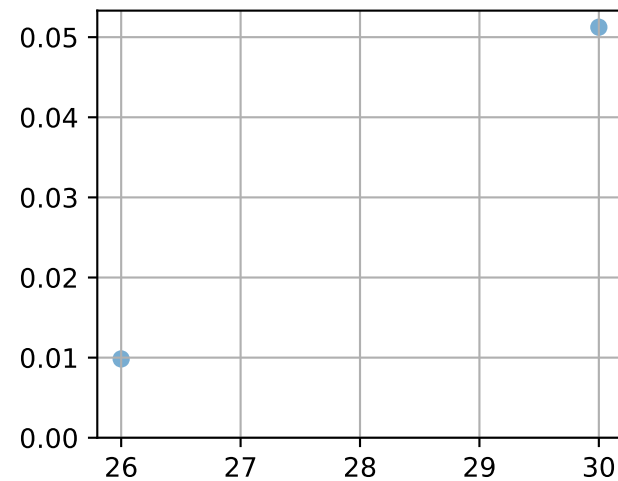
G3-2-25-36T1Fr5 (fit failed)



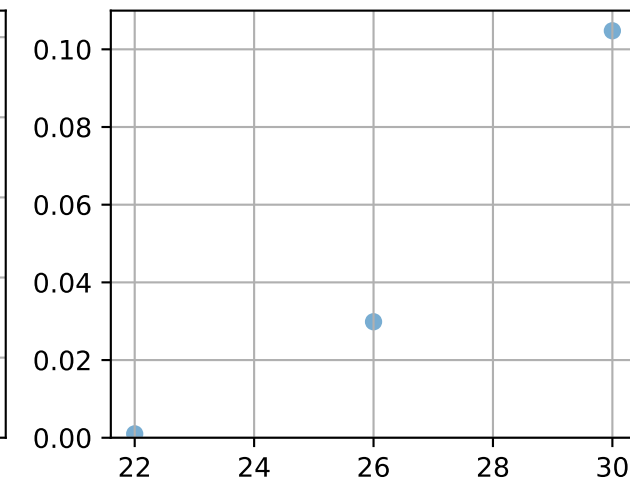
G3-2-36-67T1Fr1 (fit failed)



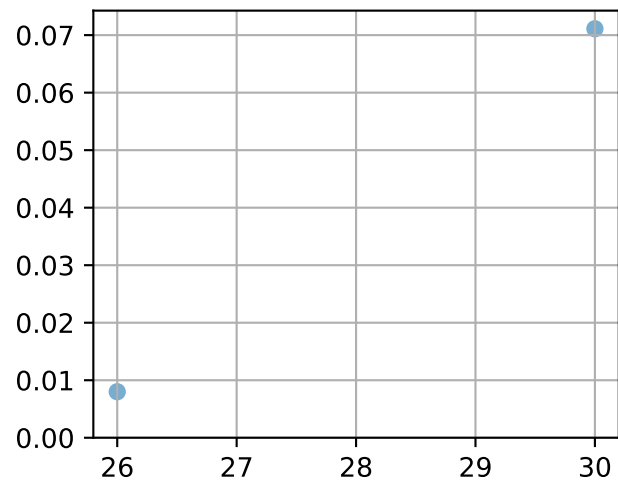
G3-2-36-67T1Fr5 (fit failed)



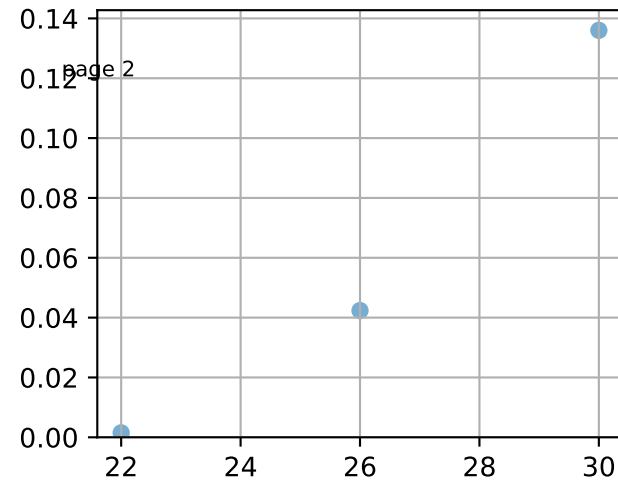
G3-2-51-4T1Fr1 (fit failed)



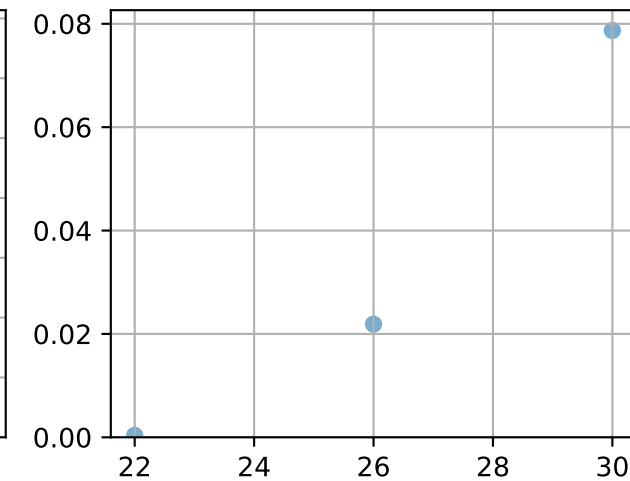
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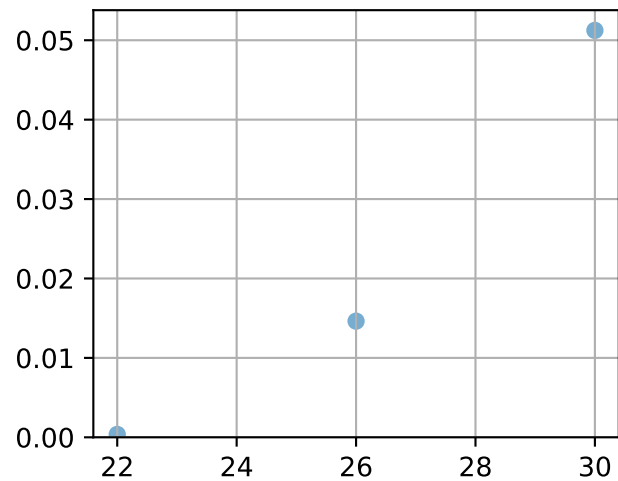
G3-2-63-12T1Fr1 (fit failed)

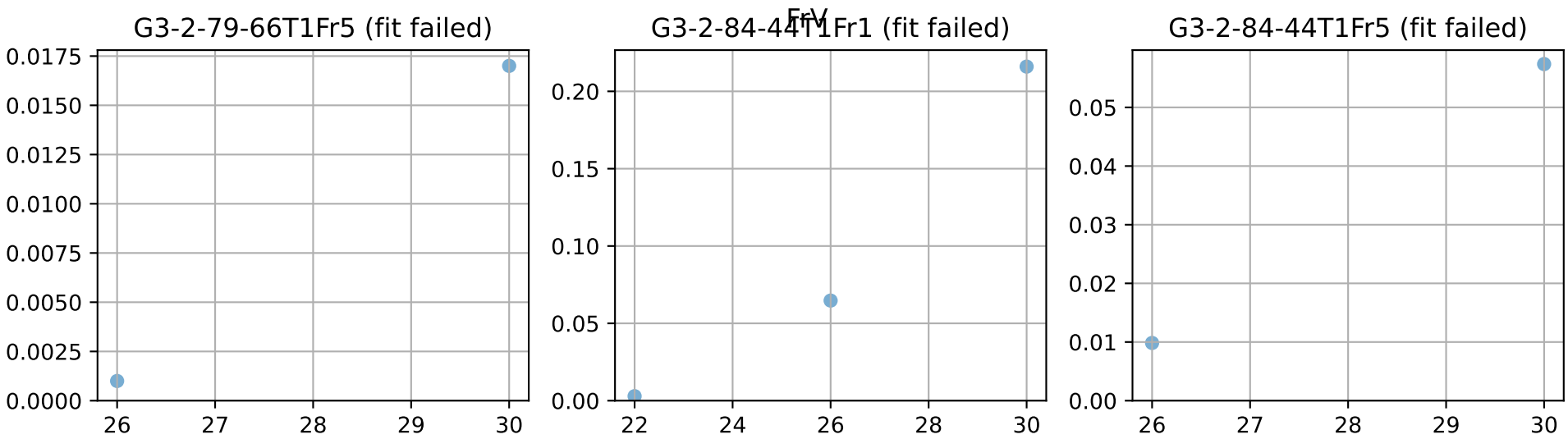


G3-2-63-12T1Fr5 (fit failed)

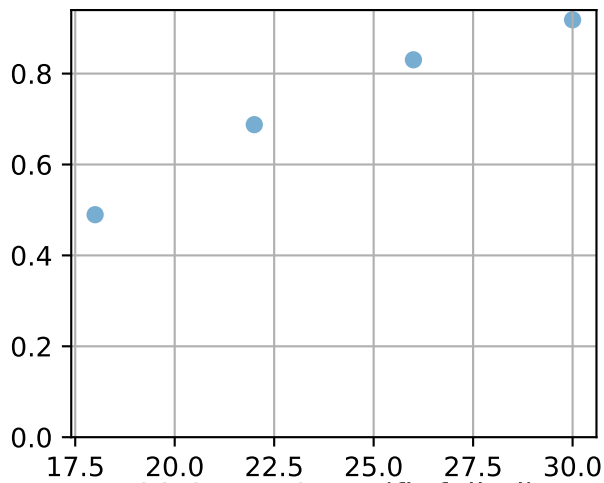


G3-2-79-66T1Fr1 (fit failed)

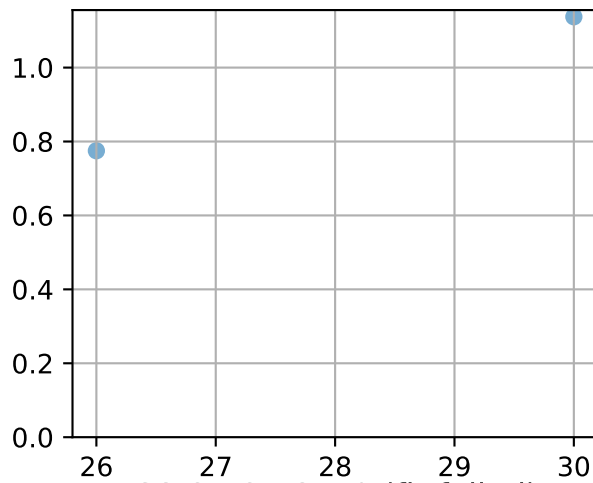




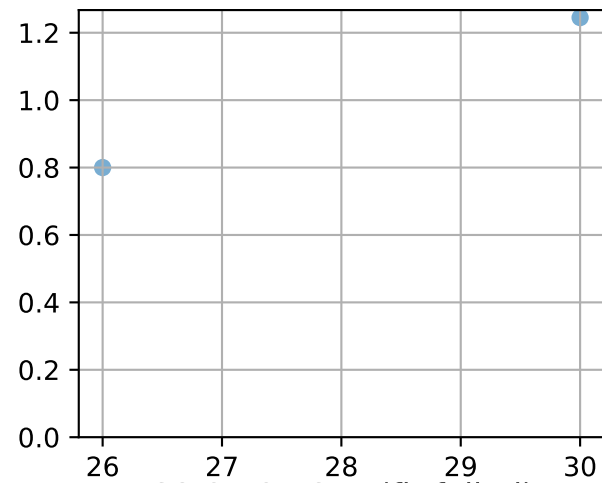
G3-2-108-72L6 (fit failed)



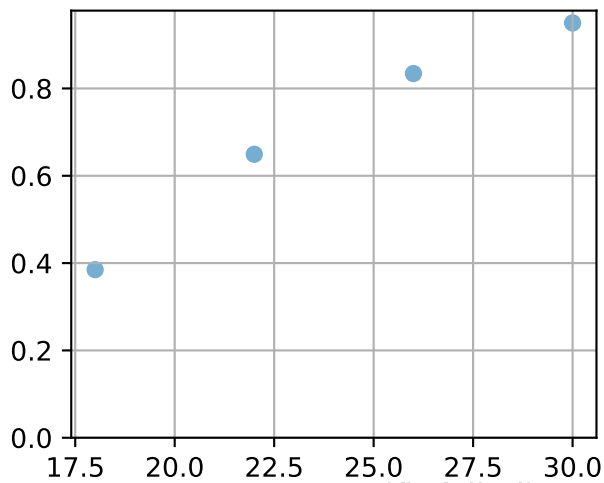
G3-2-108-72L9 (fit failed)



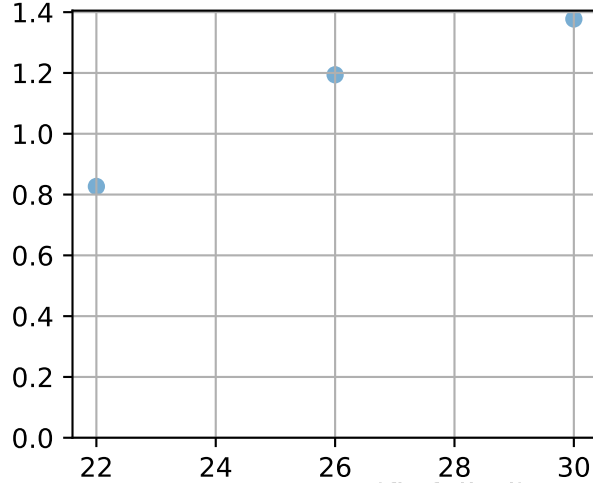
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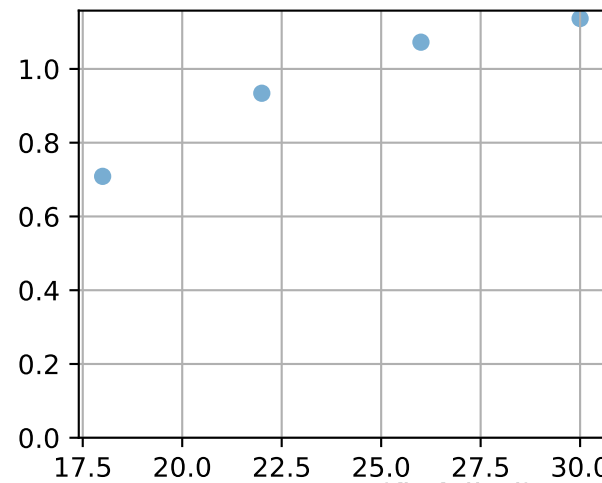
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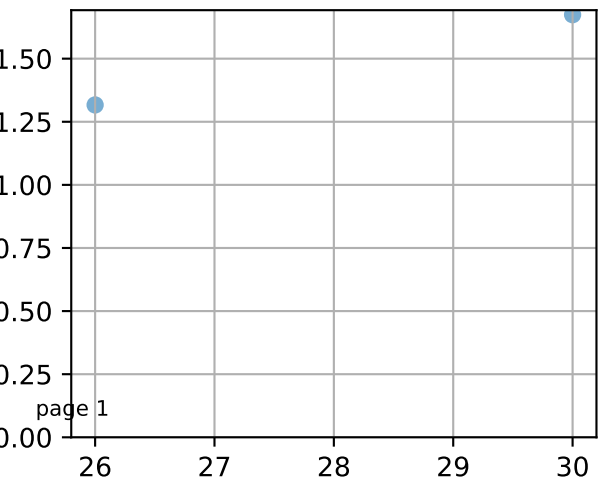
G3-2-12-13L10 (fit failed)



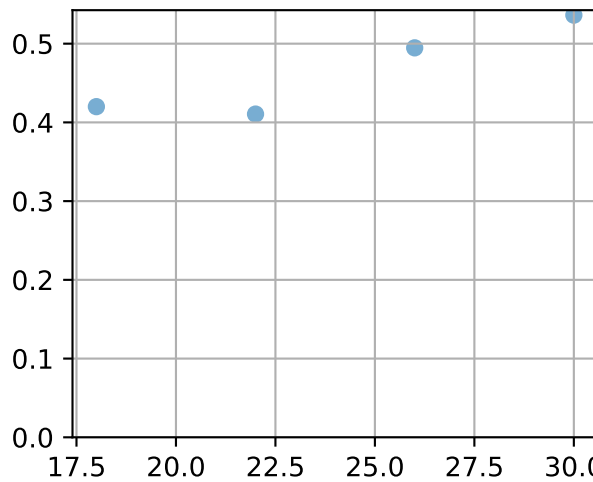
G3-2-12-13L7 (fit failed)



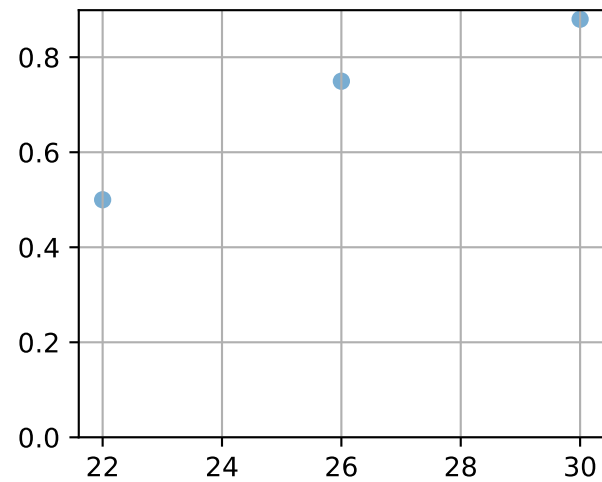
G3-2-14-40L11 (fit failed)



G3-2-14-40L8 (fit failed)



G3-2-25-36L7 (fit failed)

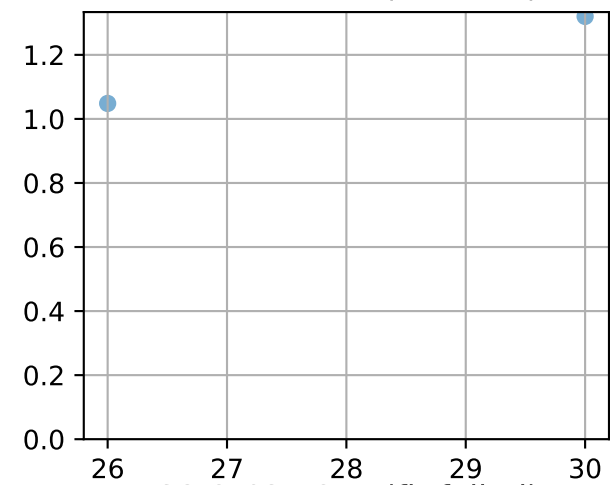
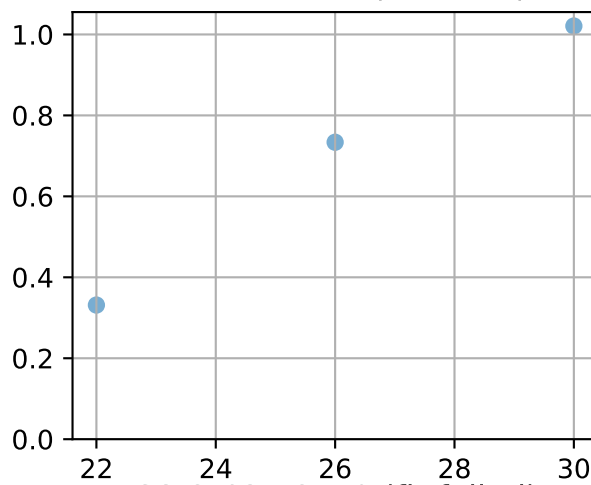
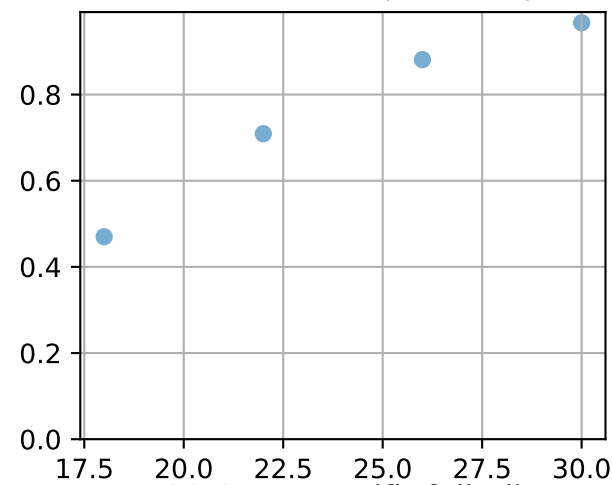


LFA

G3-2-36-67L6 (fit failed)

G3-2-36-67L9 (fit failed)

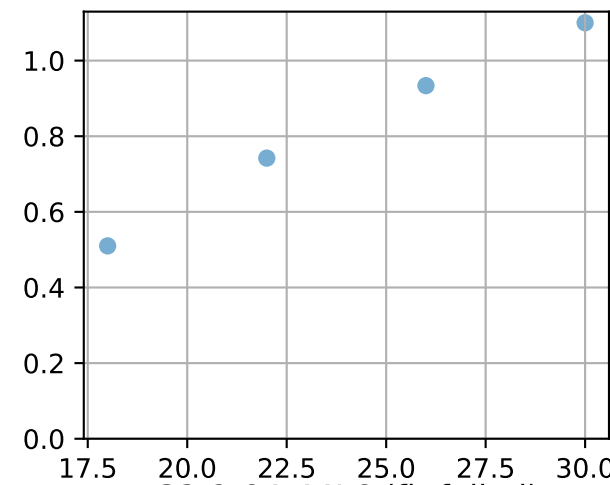
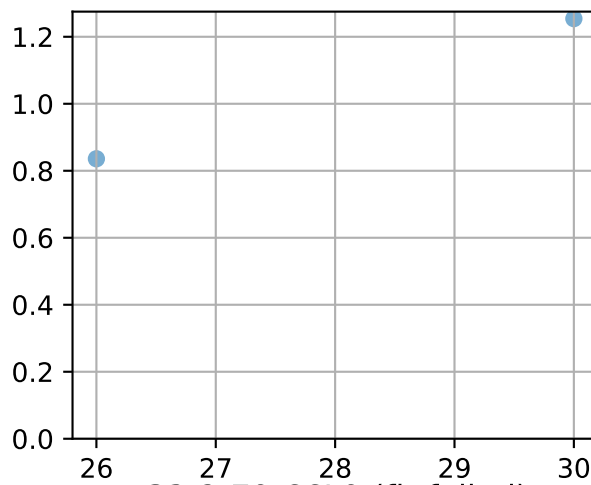
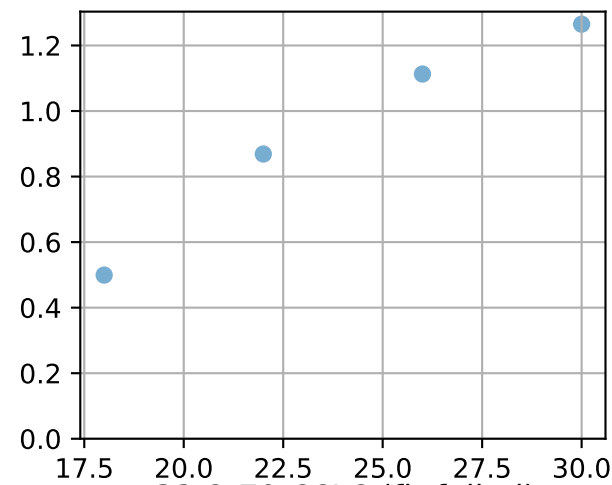
G3-2-51-4L10 (fit failed)



G3-2-51-4L7 (fit failed)

G3-2-63-12L10 (fit failed)

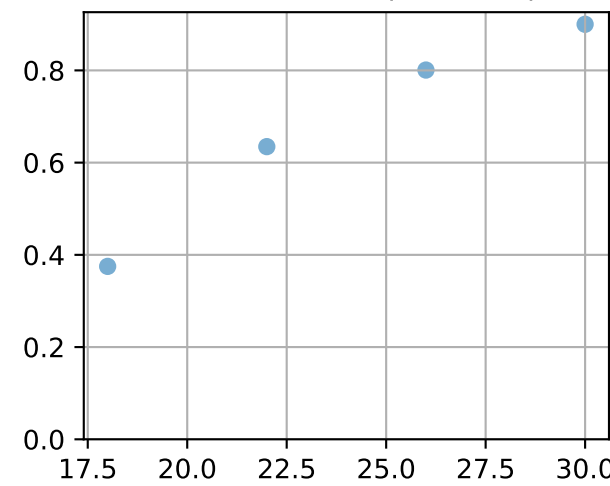
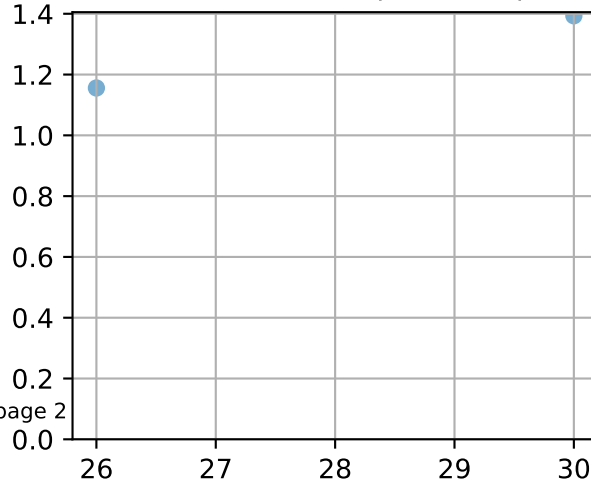
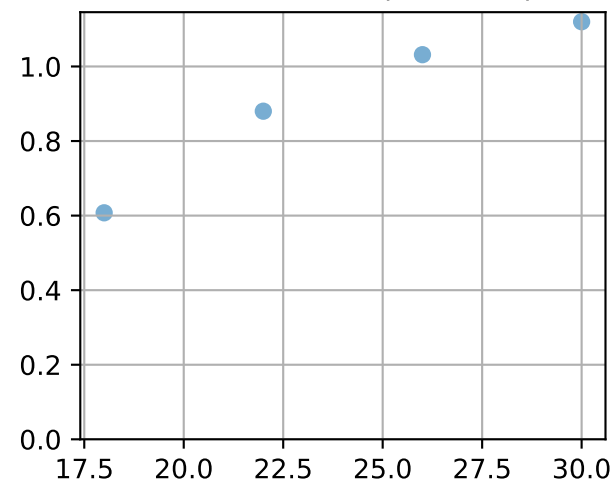
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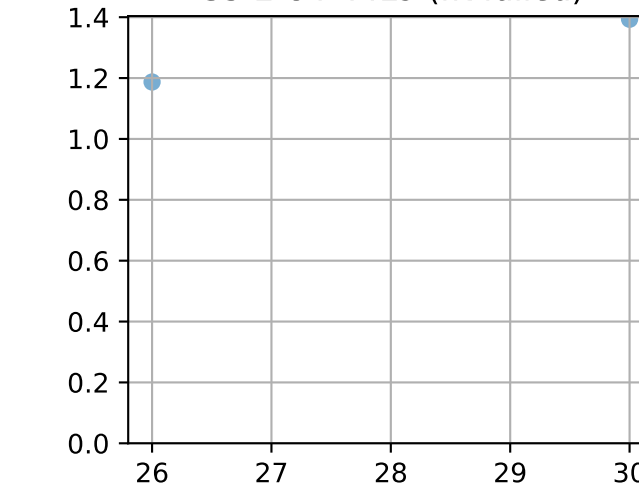


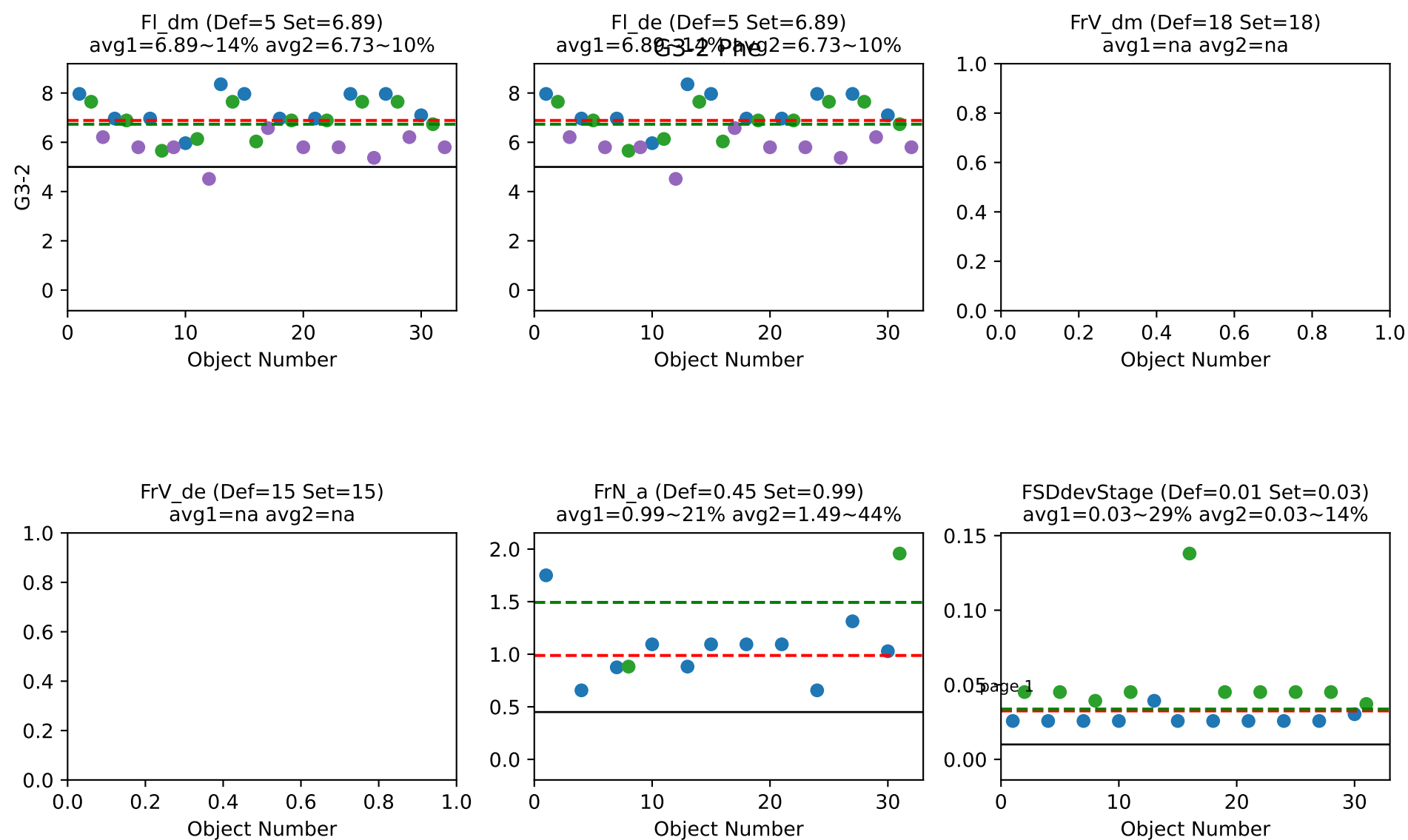
G3-2-79-66L6 (fit failed)

G3-2-79-66L9 (fit failed)

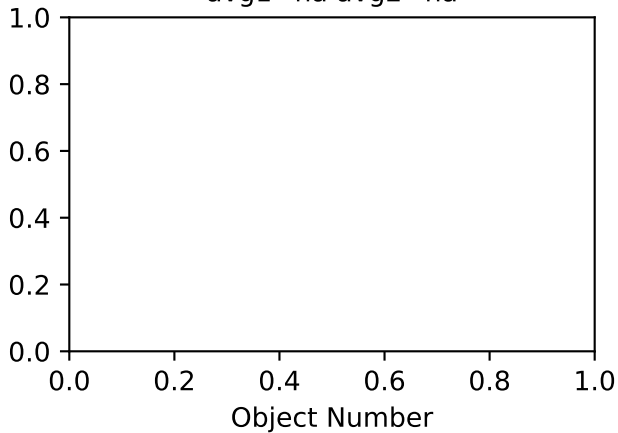
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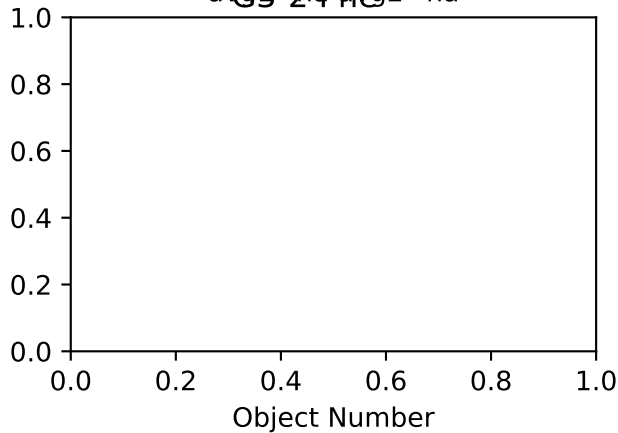




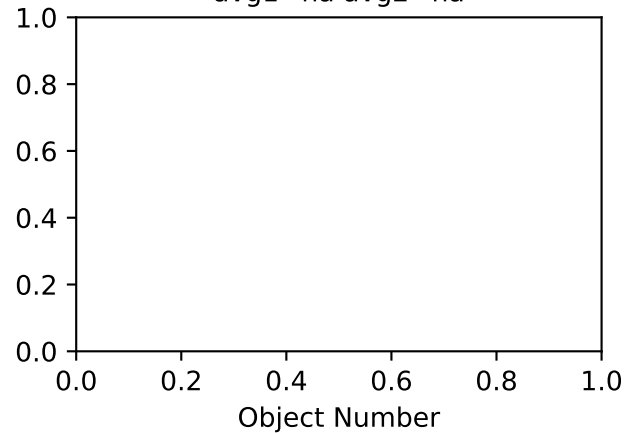
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avg1=na avg2=na



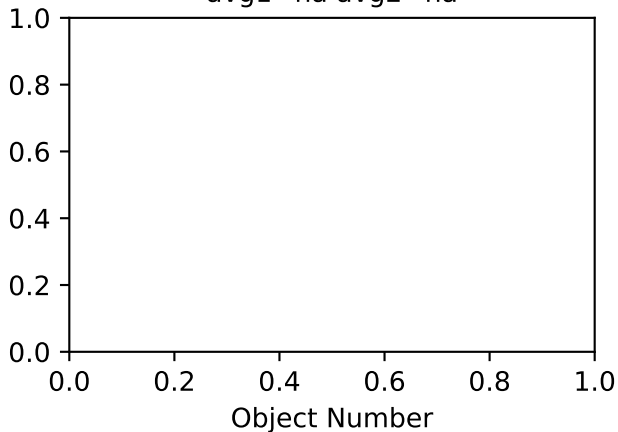
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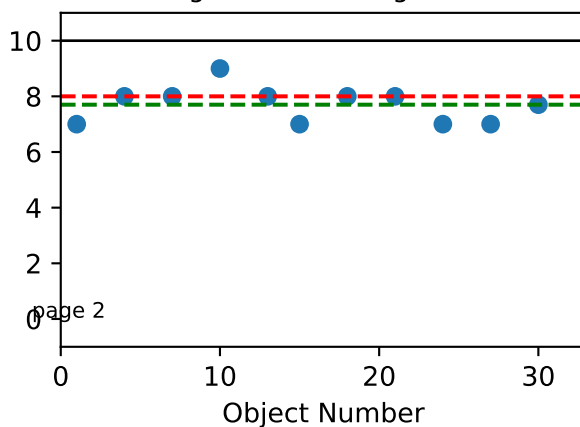
FMEDdevStage (Def=1.8 Set=1.8)
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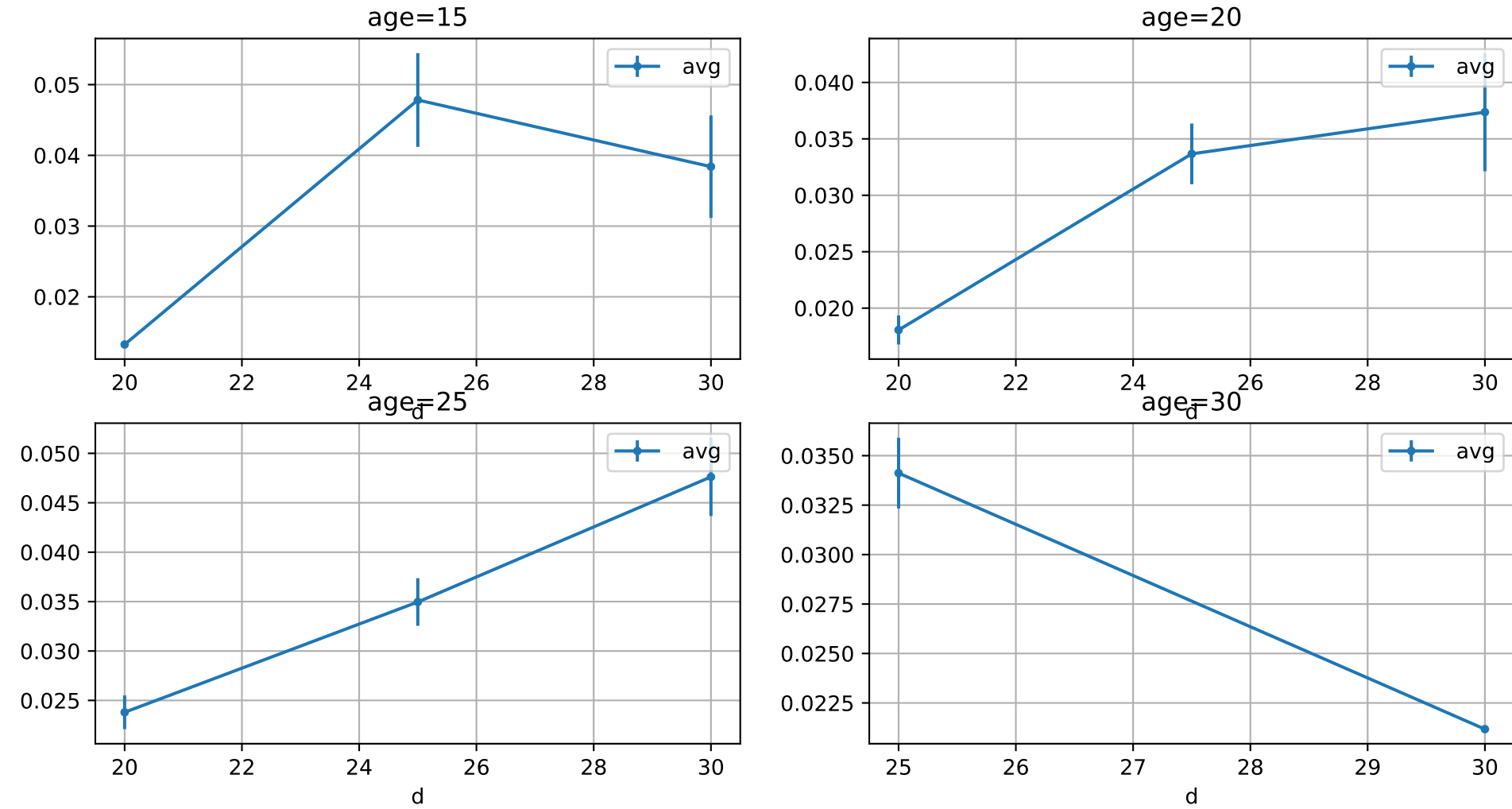
FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na



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

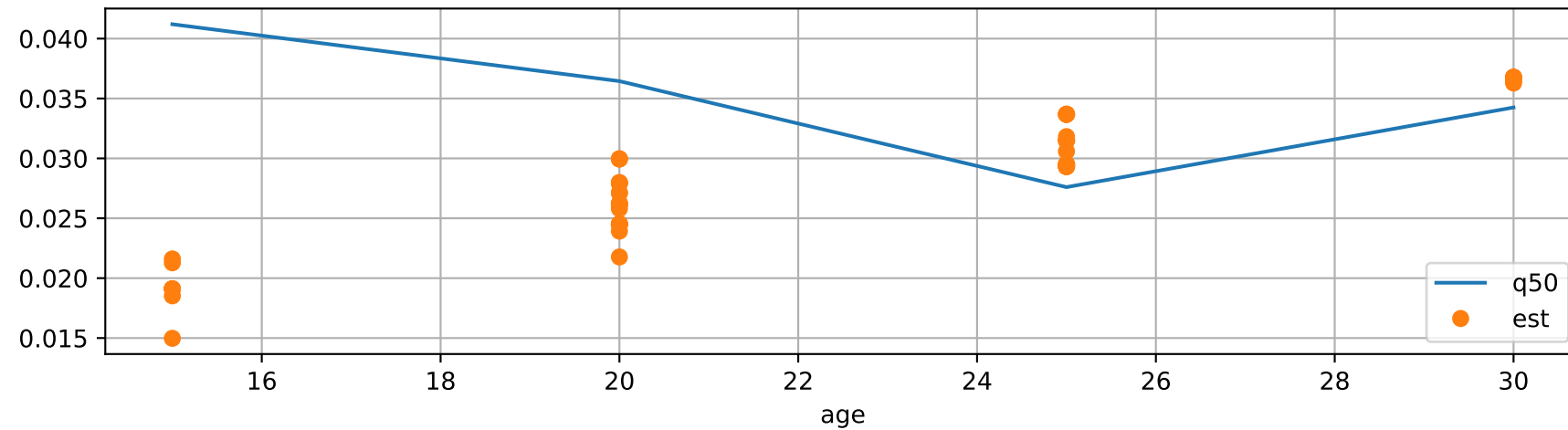


LfA: avg vs. d at each age group



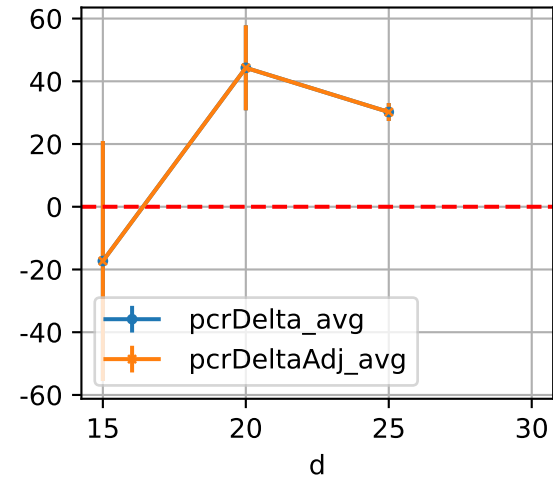
LfA: model est vs obsOv@Q50

page 2

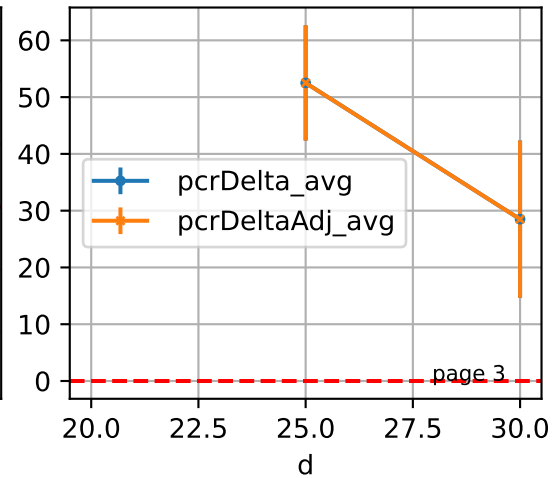


G3-2 LfA: D_5d_LfA

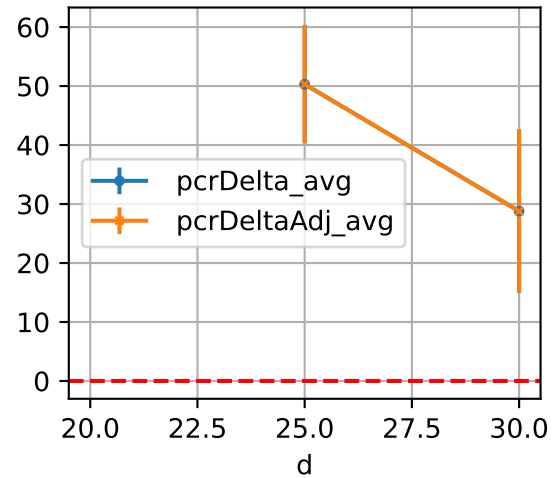
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DeltaTypeAbbr=GrpByDay

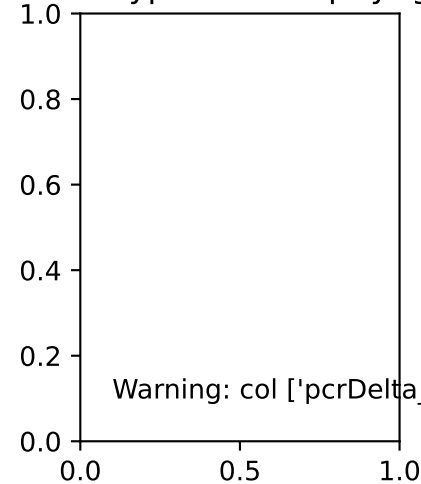


DeltaTypeAbbr=WeiAvgByD

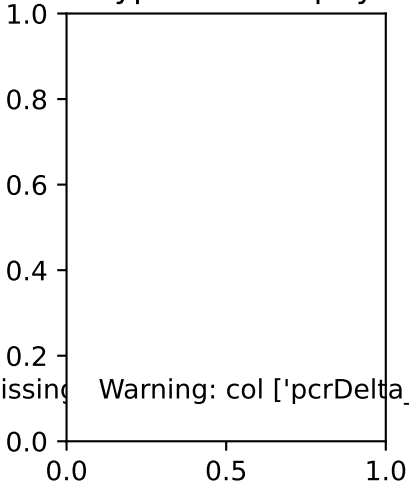


G3-2 LfA: D_15d_LfA

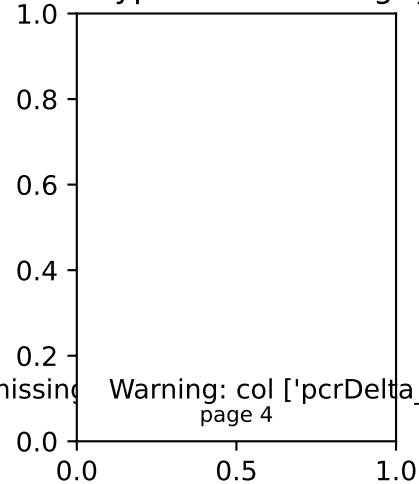
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DeltaTypeAbbr=GrpByDay

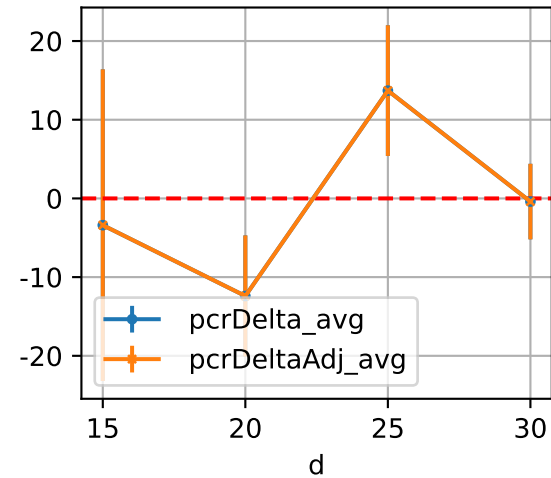


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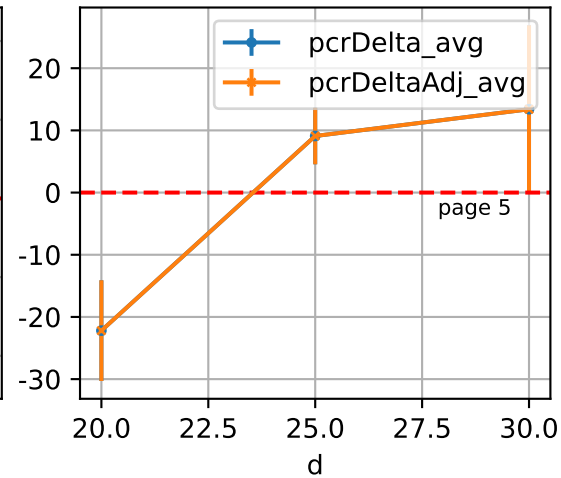


G3-2 LfA: D_Q50_LfA

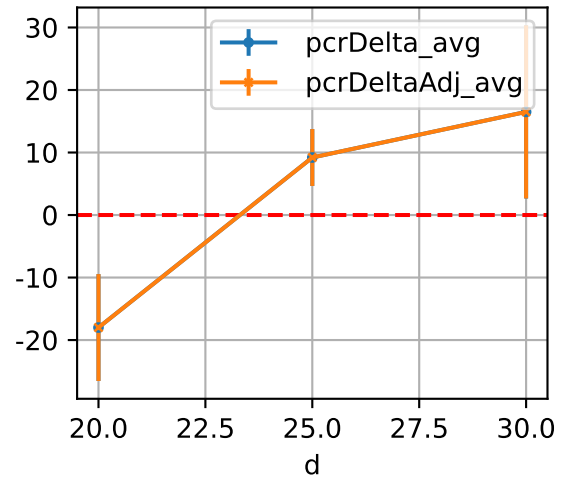
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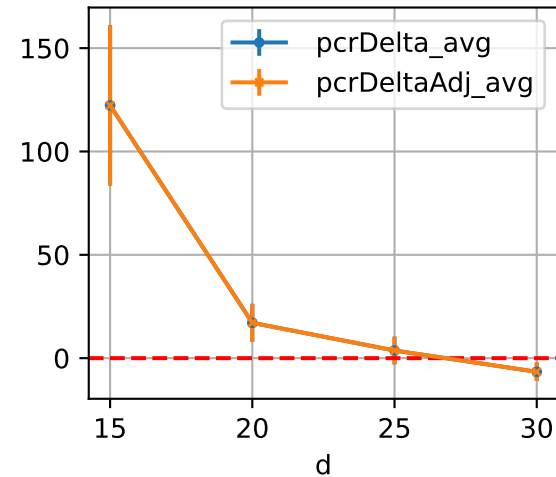


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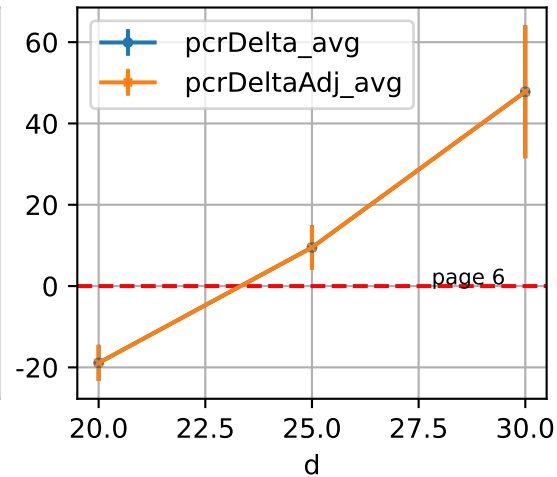


G3-2 LfA: D_Est_LfA

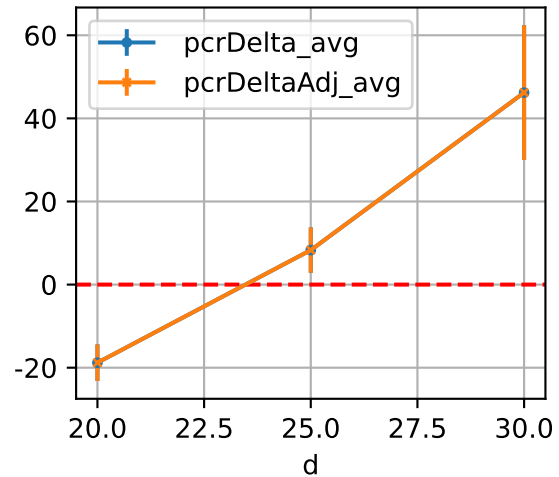
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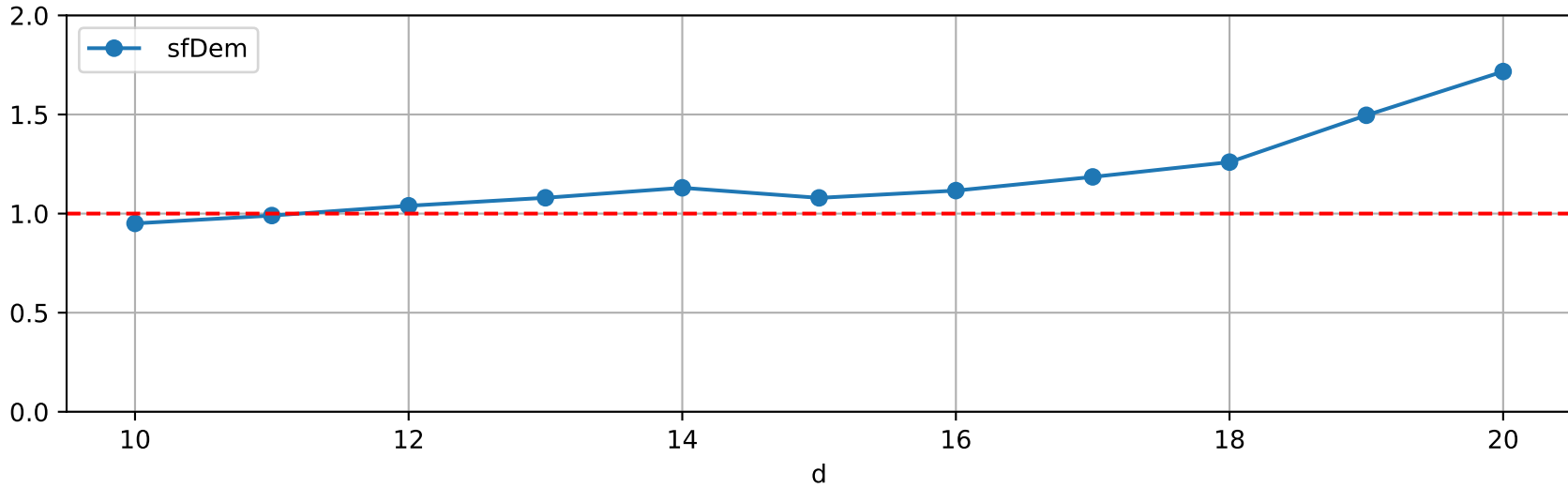
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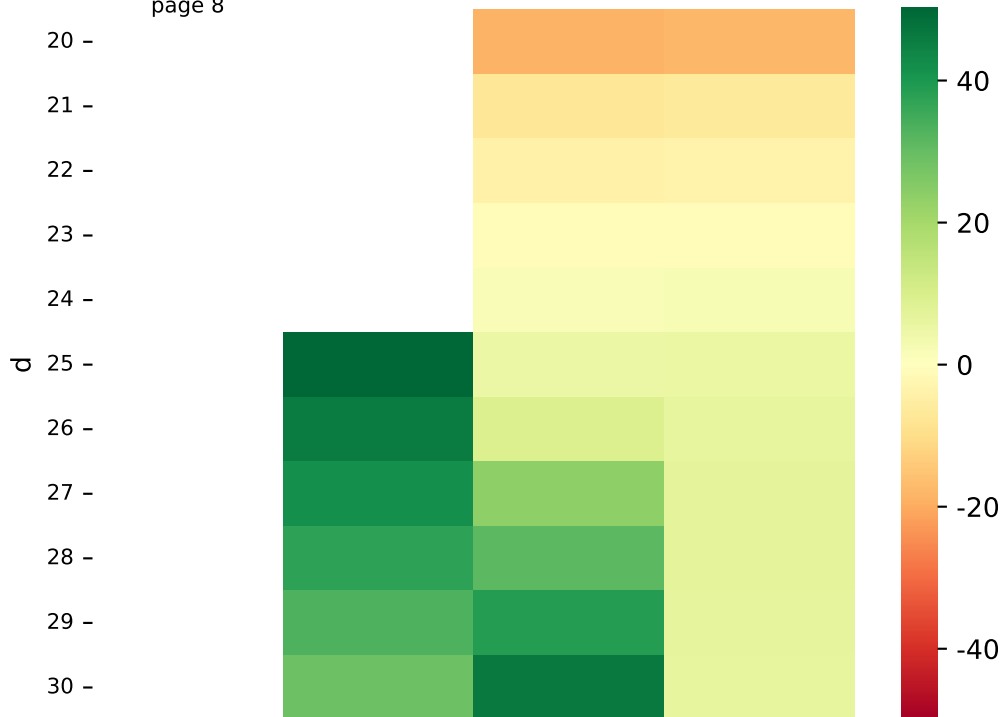


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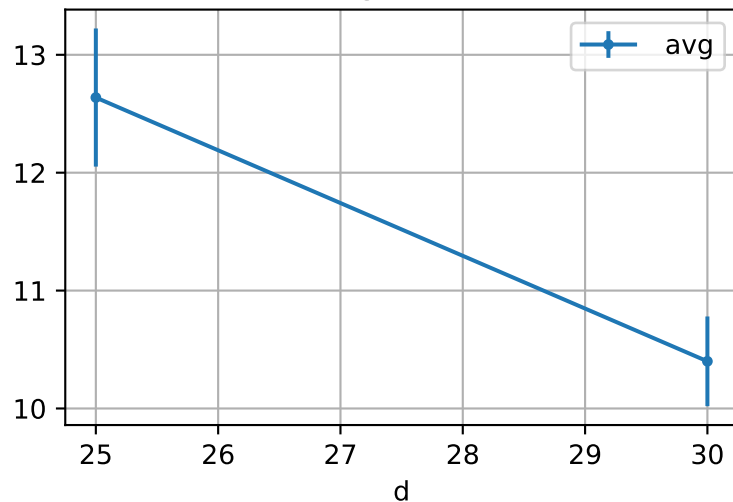
LfA: sfDem



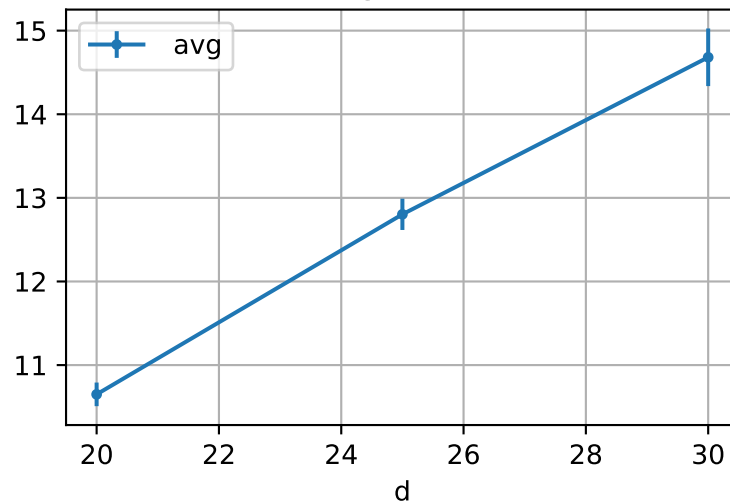


NdD: avg vs. d at each age group

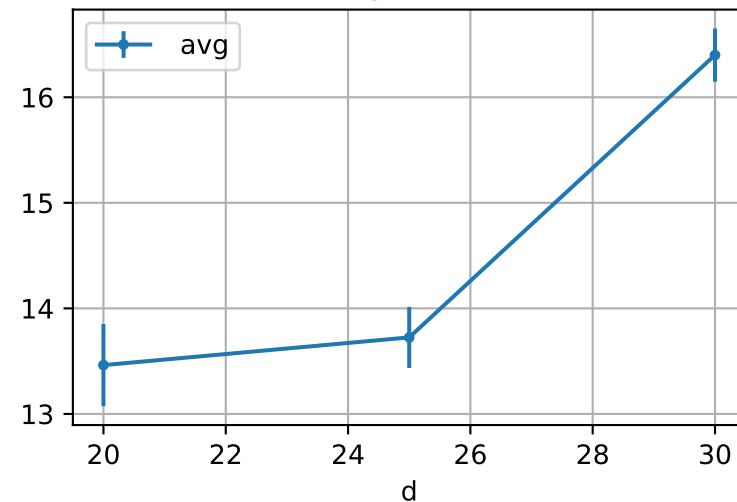
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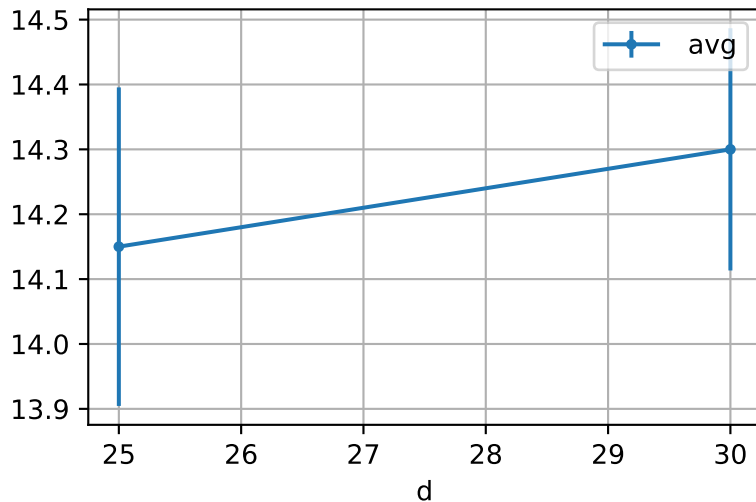
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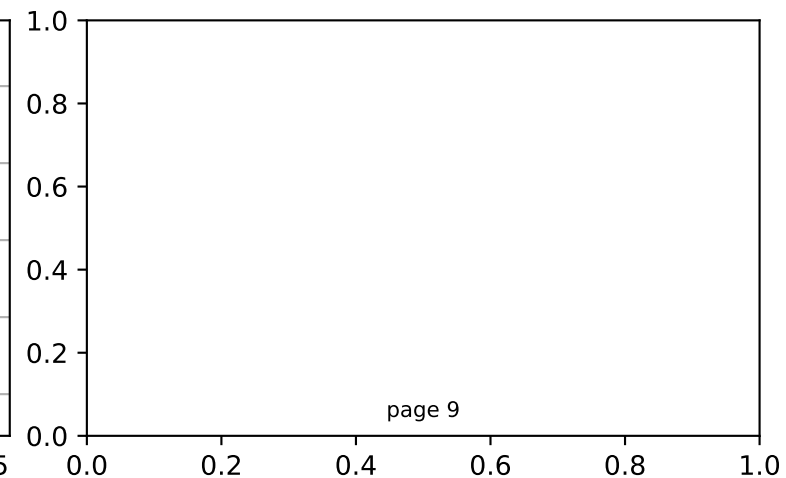
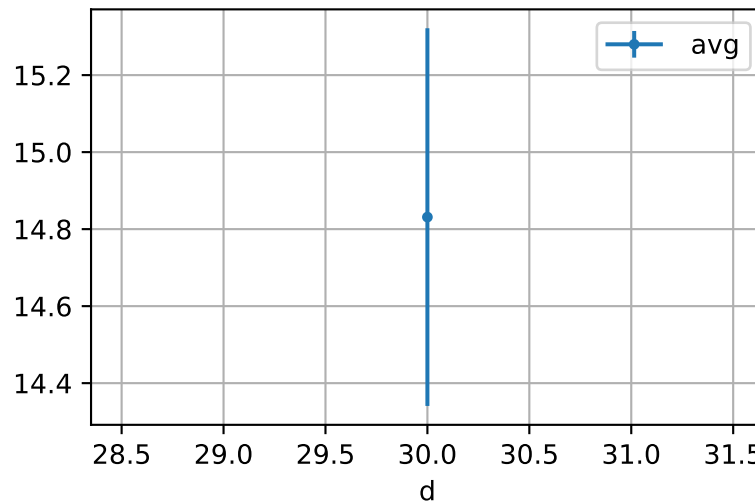
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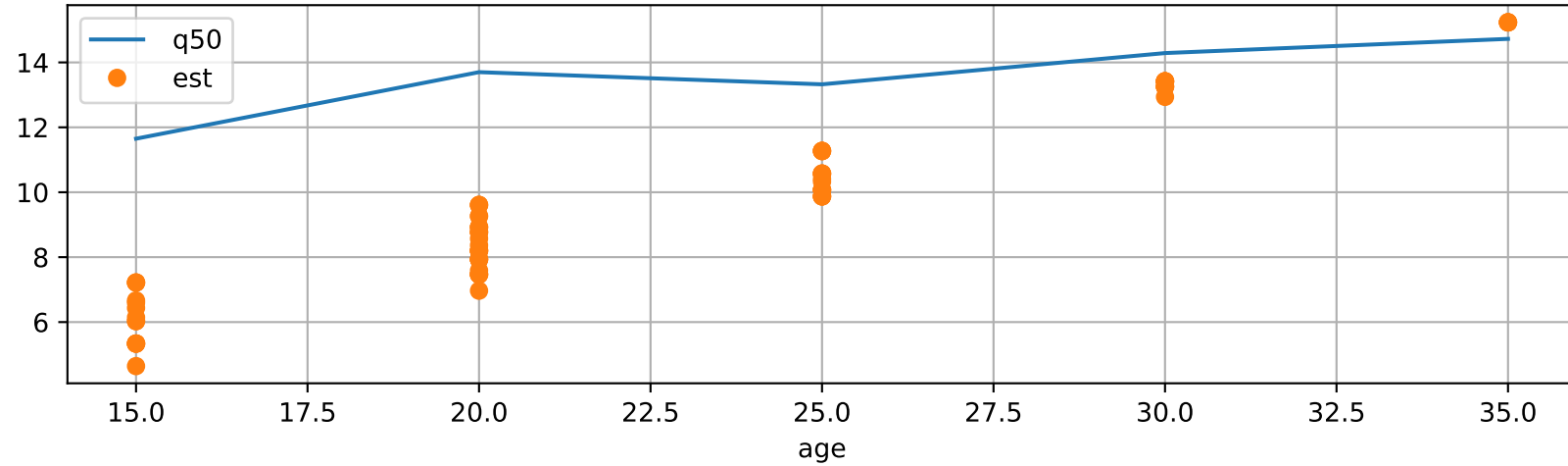
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age=35

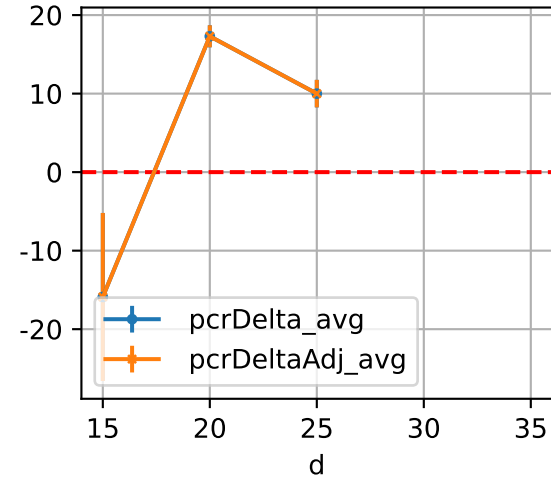


NdD: model est vs obsOv@Q50

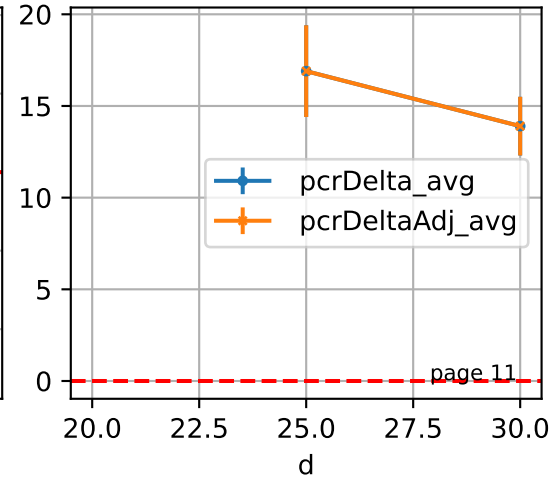


G3-2 NdD: D_5d_NdD

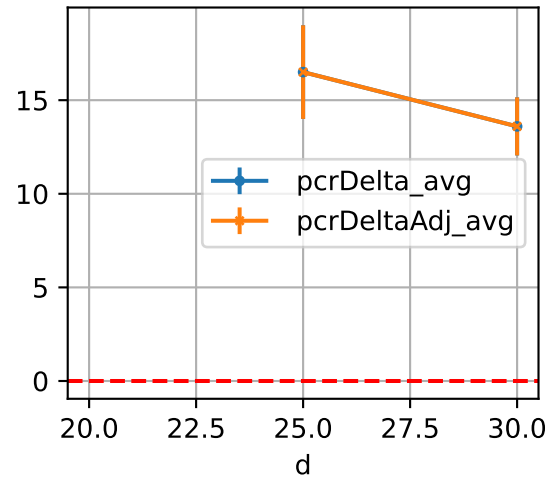
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DeltaTypeAbbr=GrpByDay

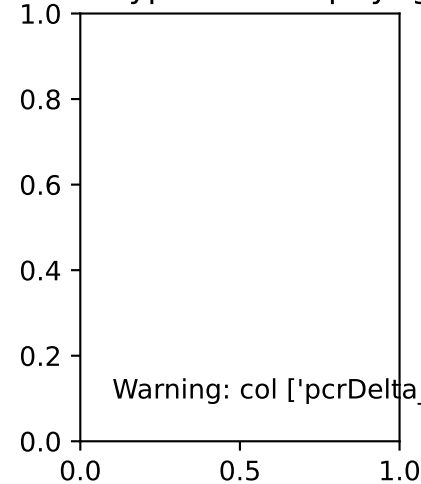


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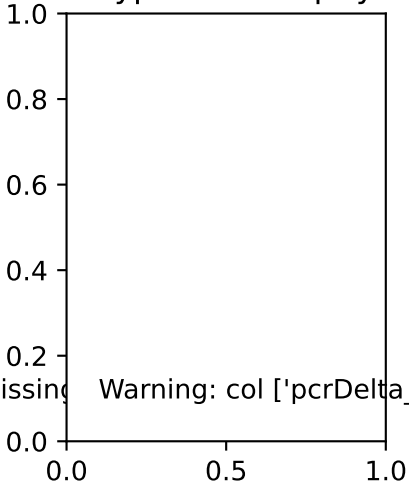


G3-2 NdD: D_15d_NdD

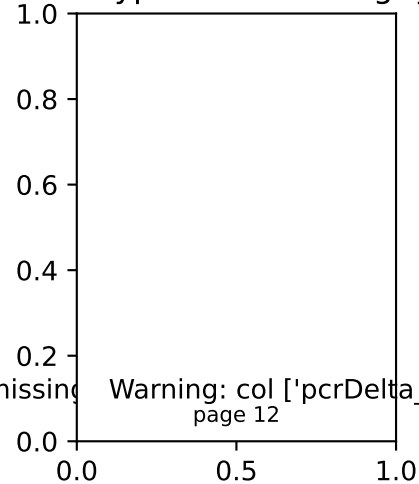
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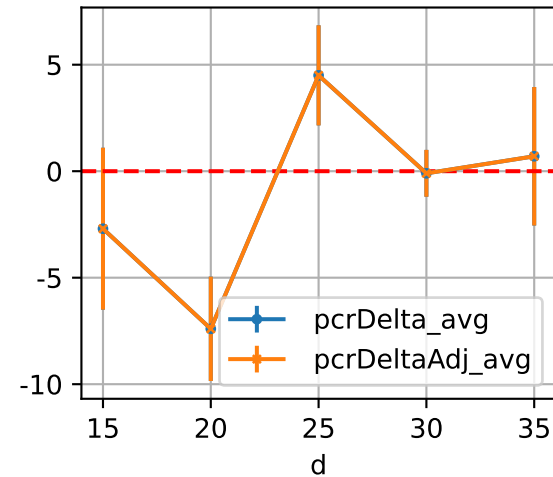


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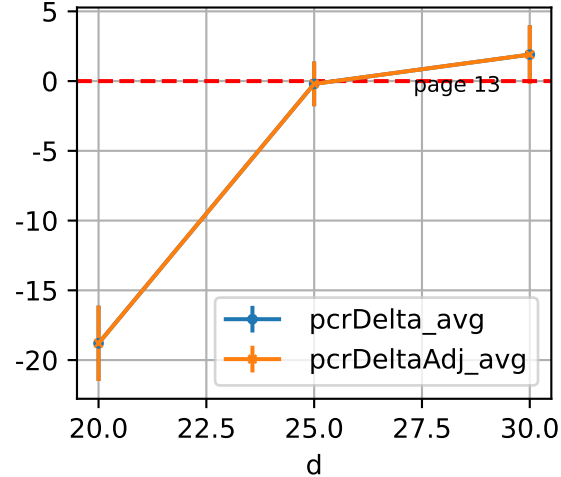


G3-2 NdD: D_Q50_NdD

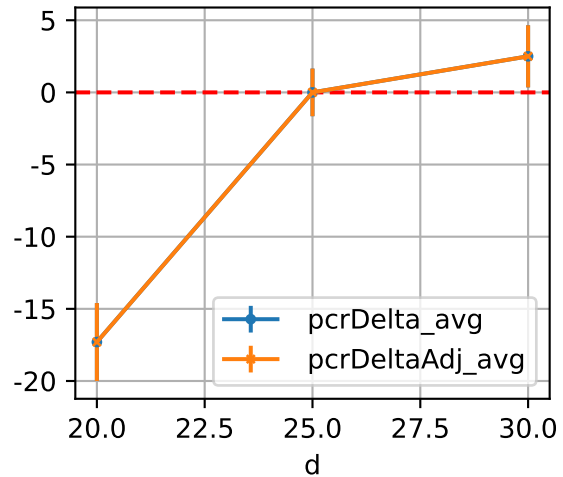
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DeltaTypeAbbr=GrpByDay

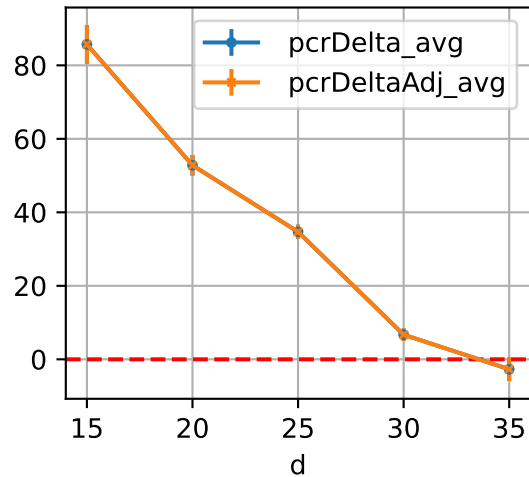


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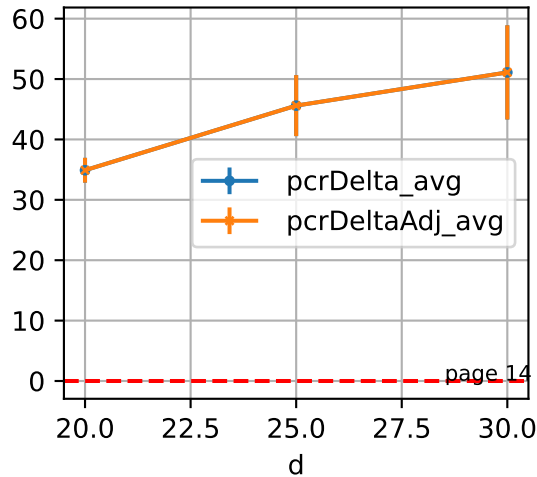


G3-2 NdD: D_Est_NdD

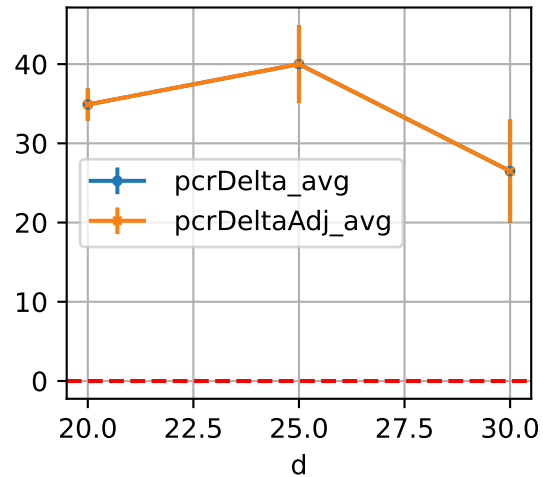
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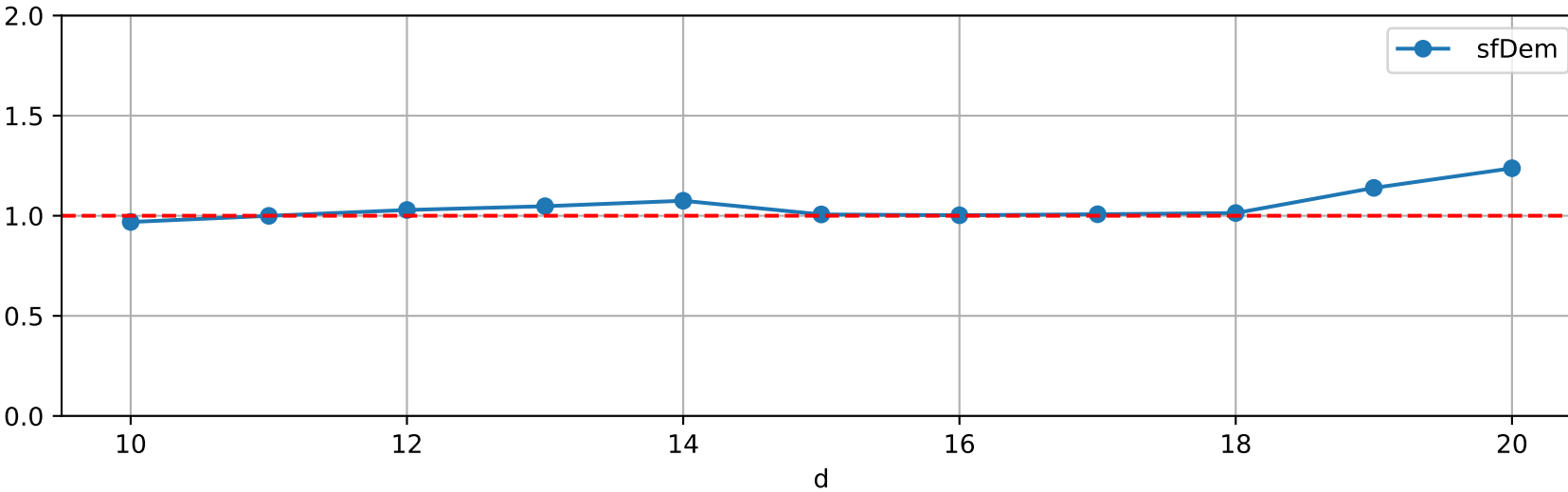
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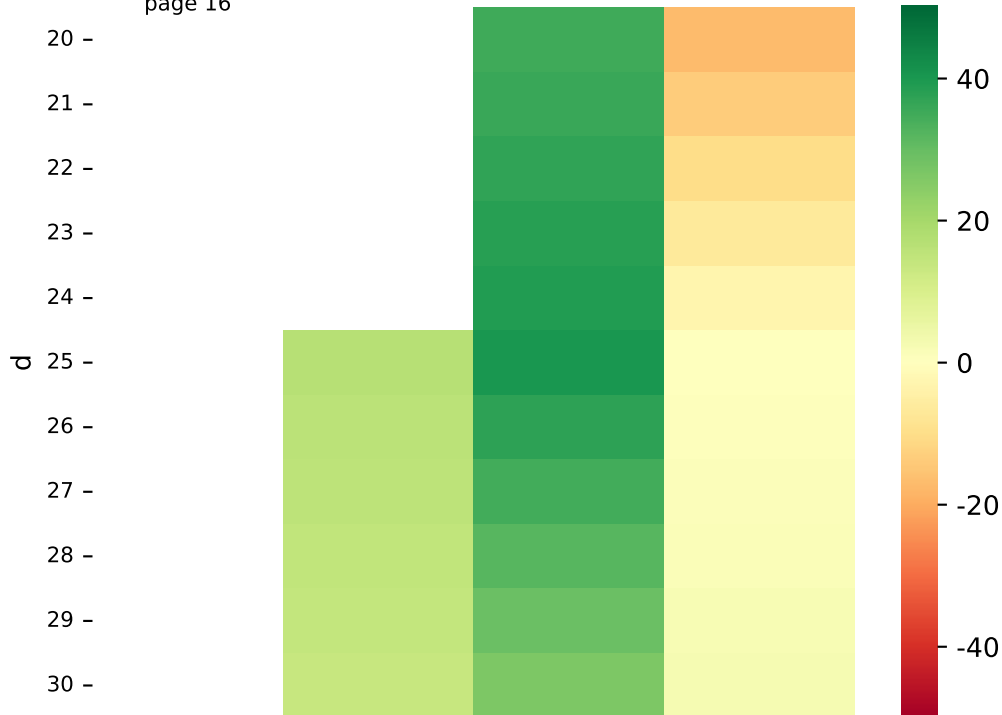


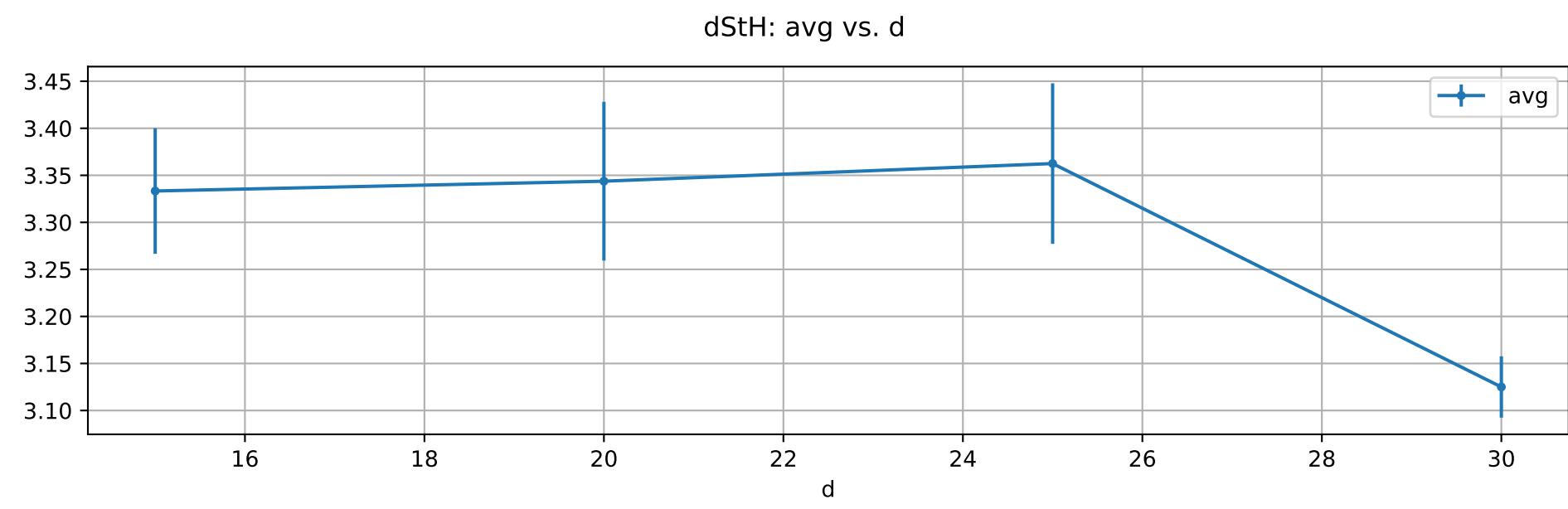
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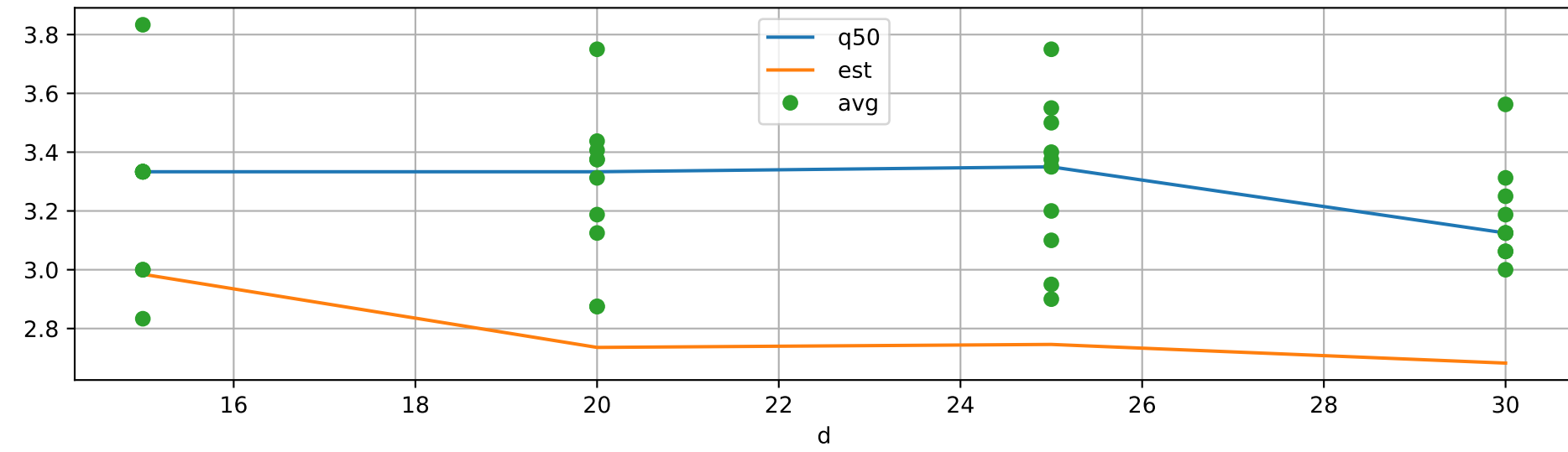
NdD: sfDem

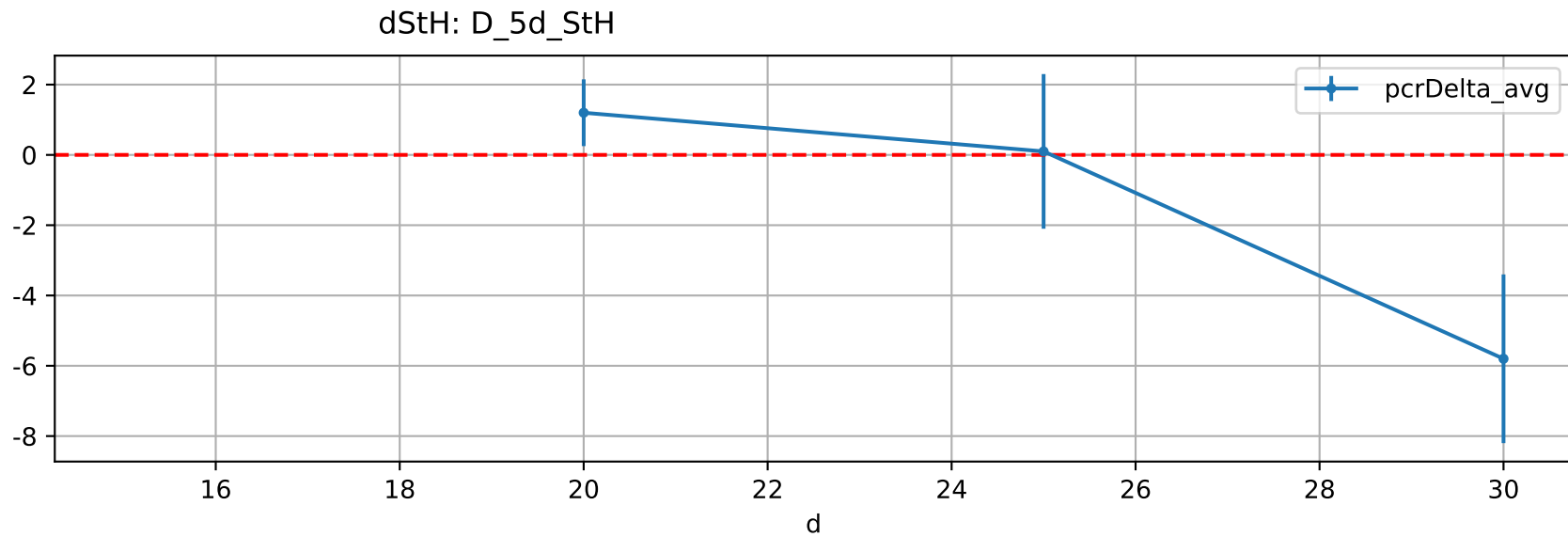


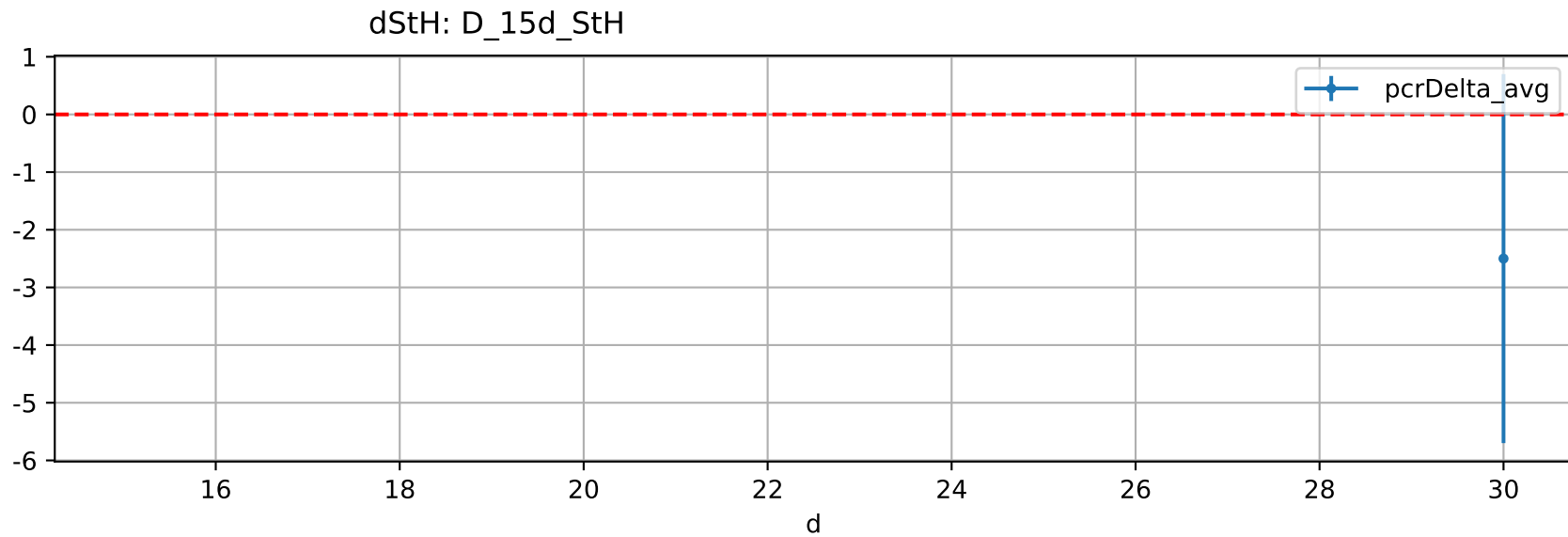


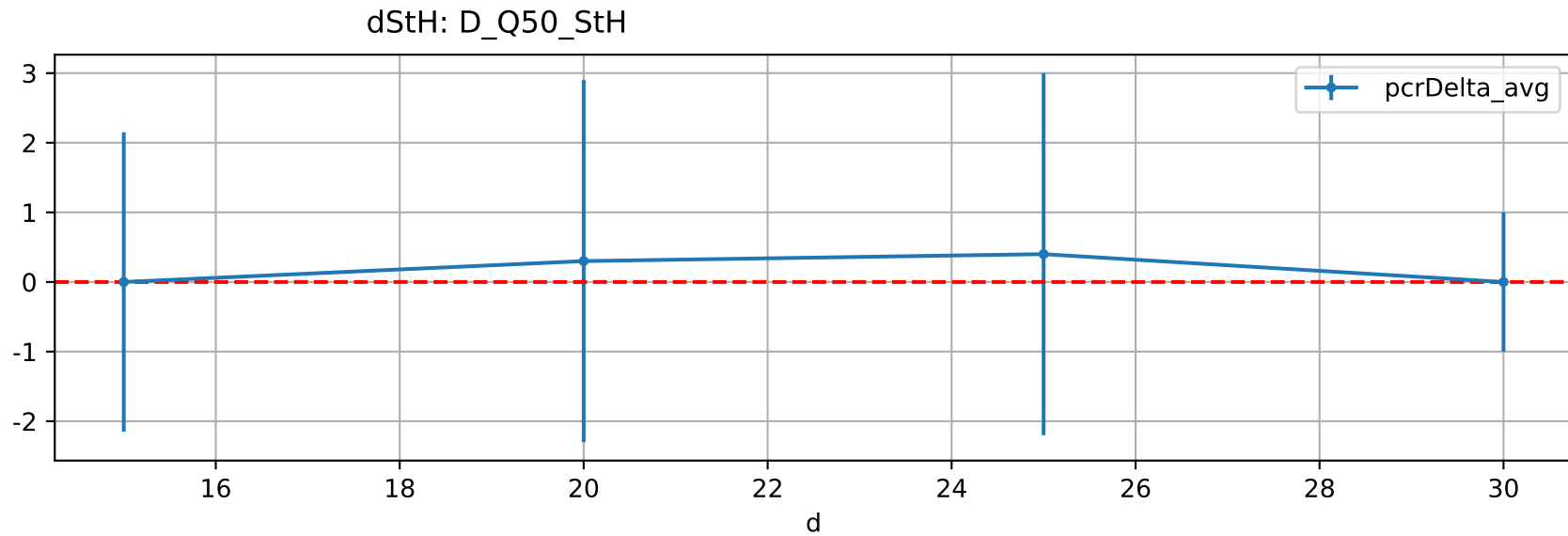


dStH: obsAvg vs obsOv@Q50

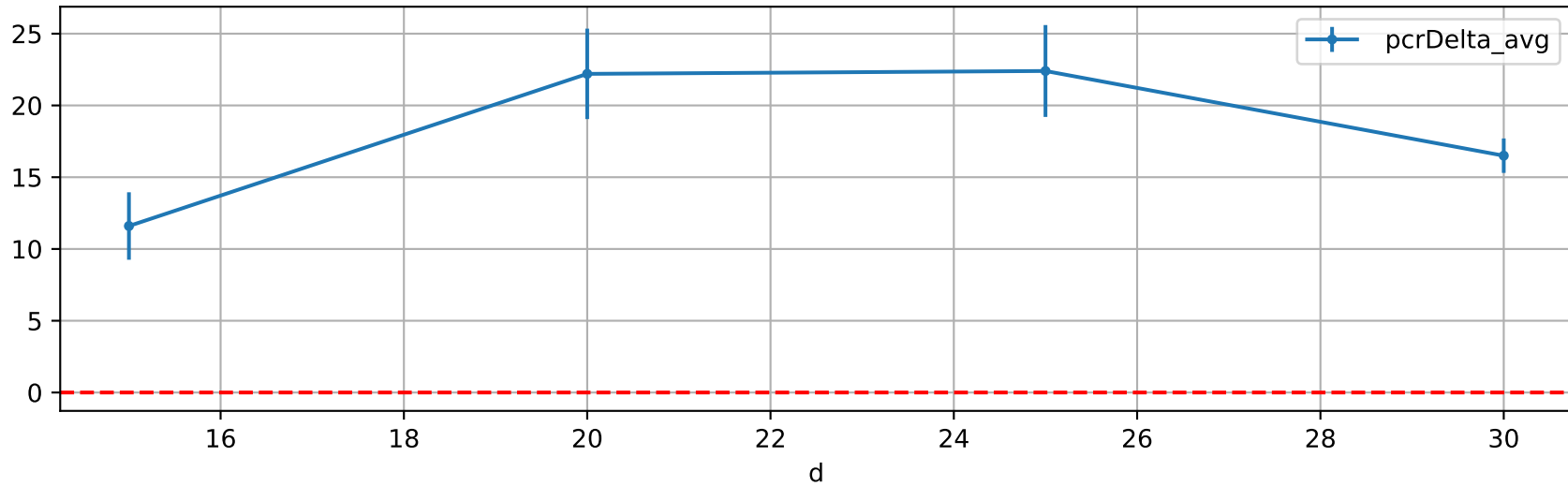




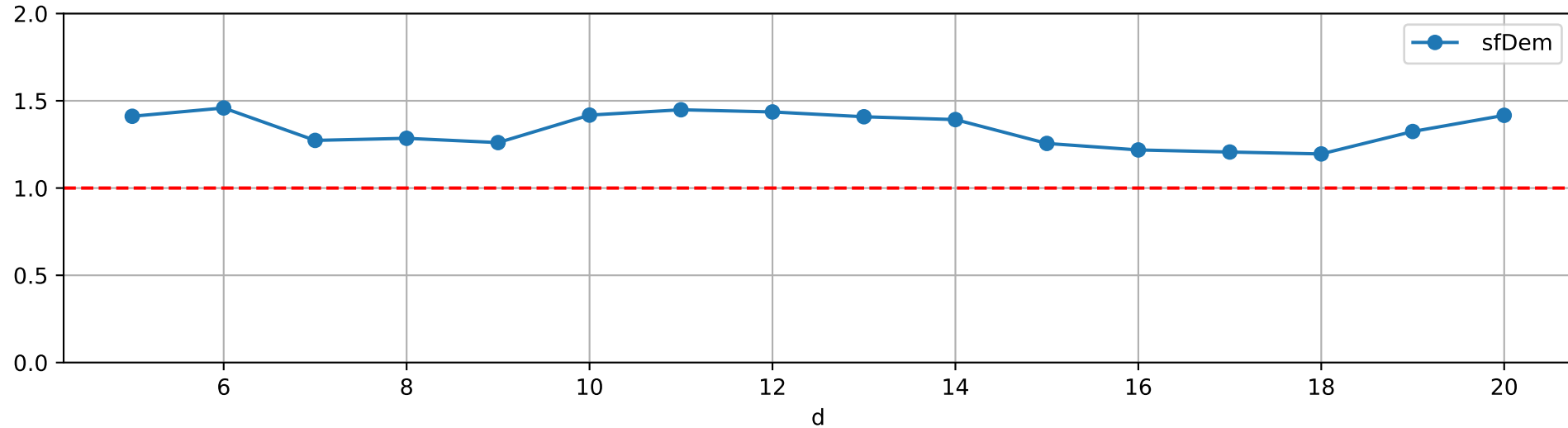


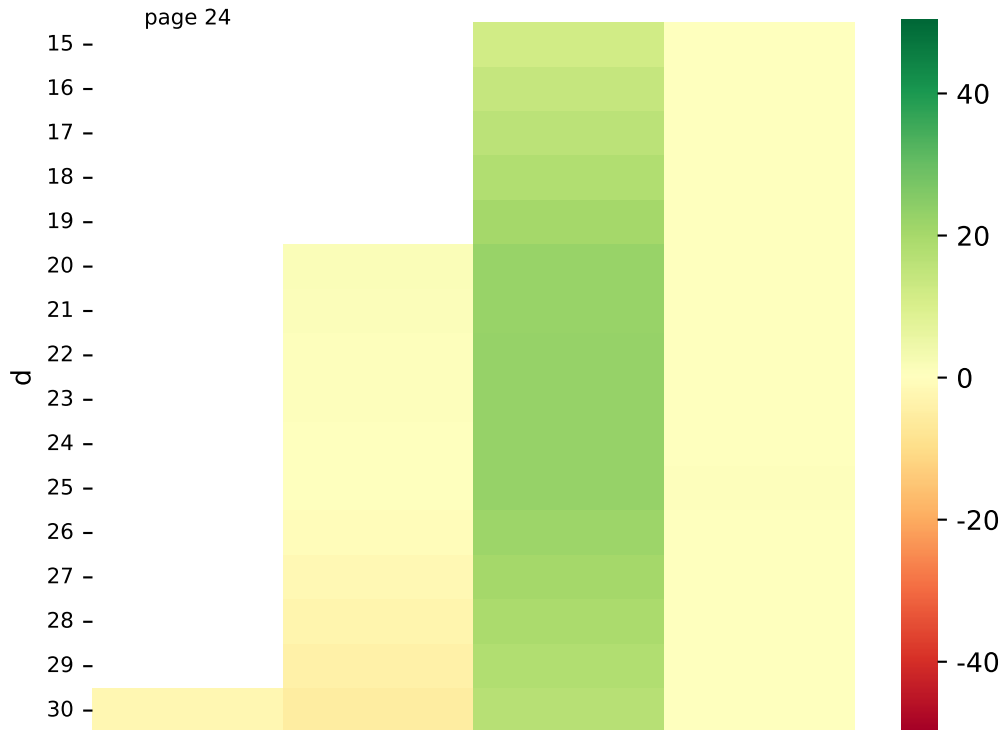


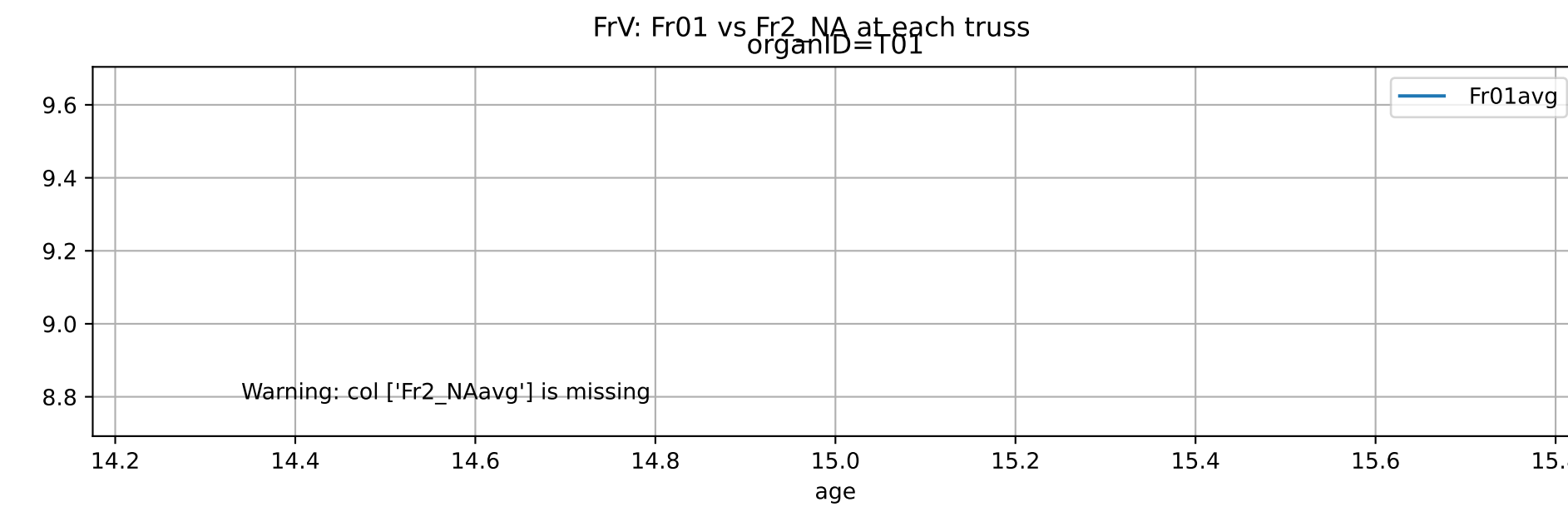
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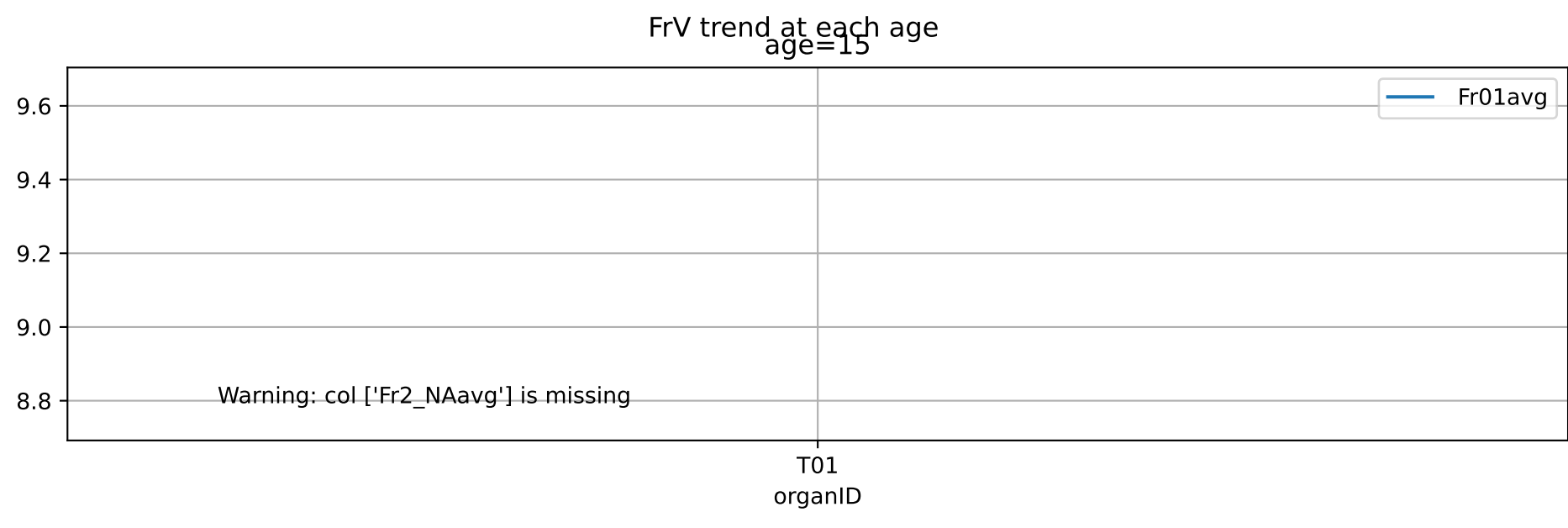


dStH: sfDem

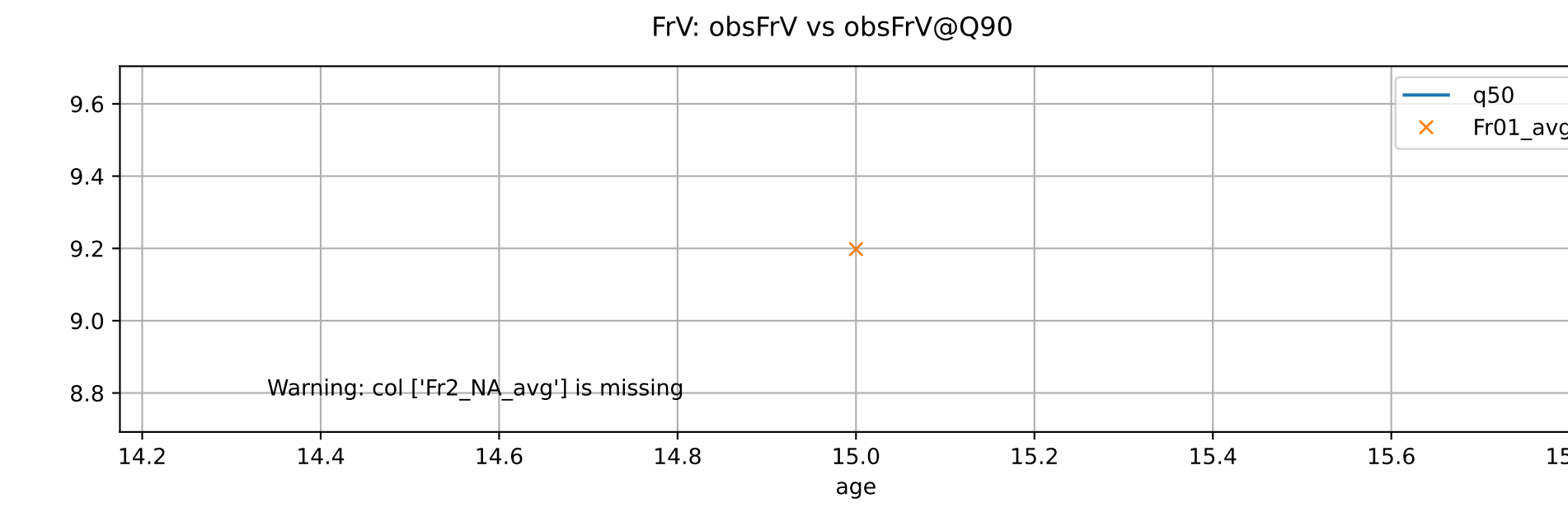












FrV: D_Fr1_FrV
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Warning: col ['d1avg', 'd1aavg'] missing

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

page 30







σ 30.0 -

40

20

0

-20

-40

