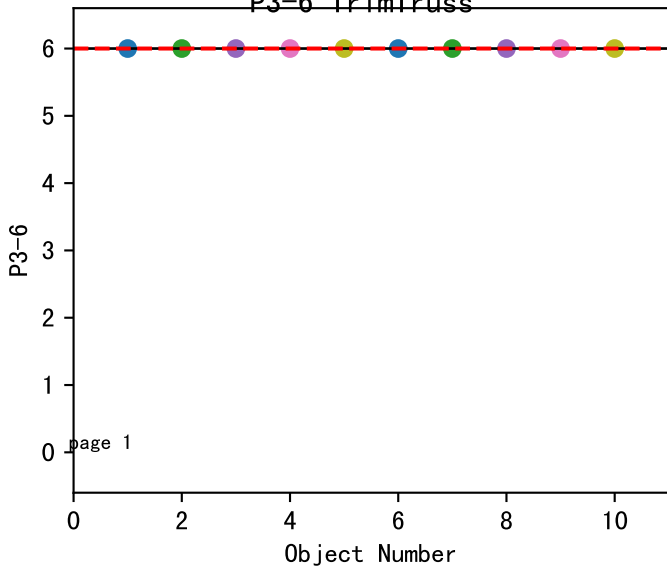


Phenotype Data Analysis Plots  
PhenoData day range = 12 - 65  
Analysis cutoff day = 65  
NC11 P3-6  
2025-06-03 (Day 66)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

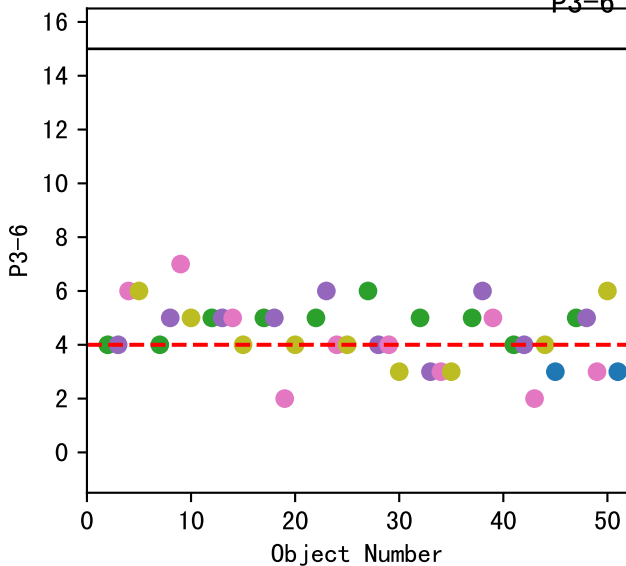
P3-6 TrimTruss



FruitNumAvgPerTruss (Def=15 Set=4)

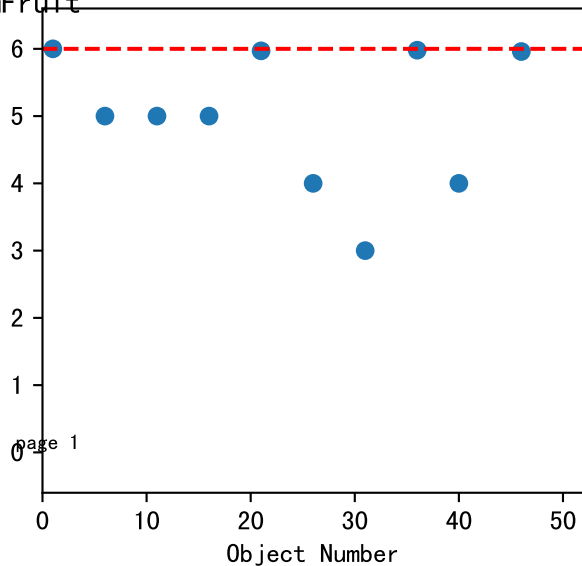
avg1=4.0~22% avg2=na

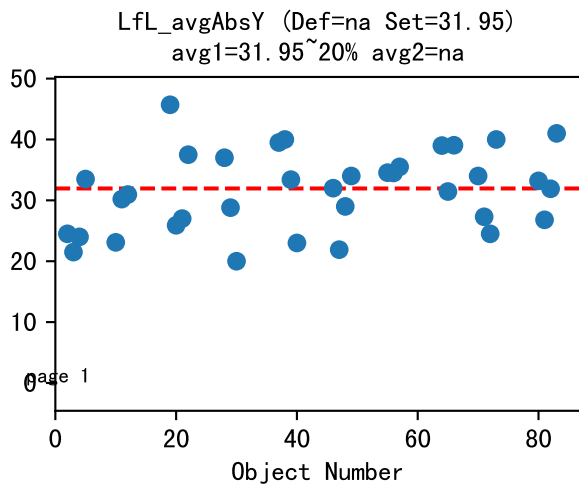
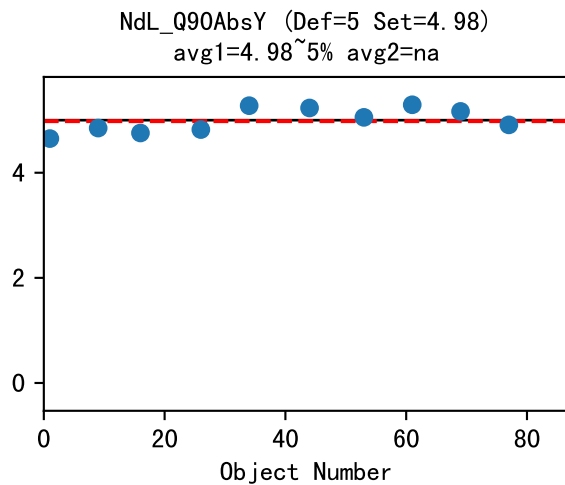
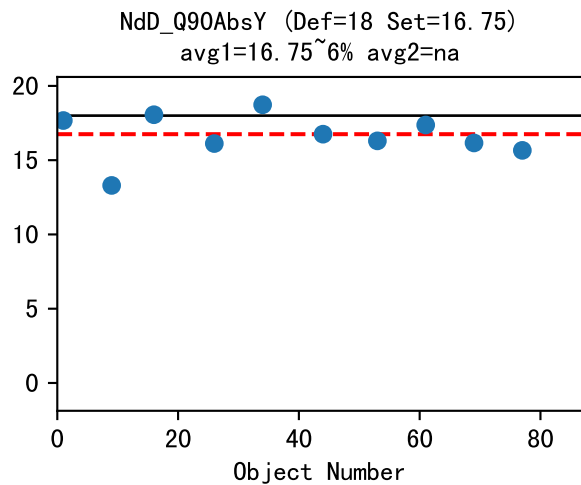
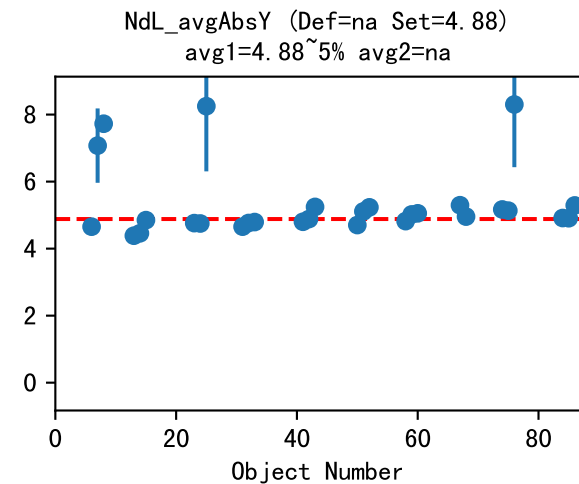
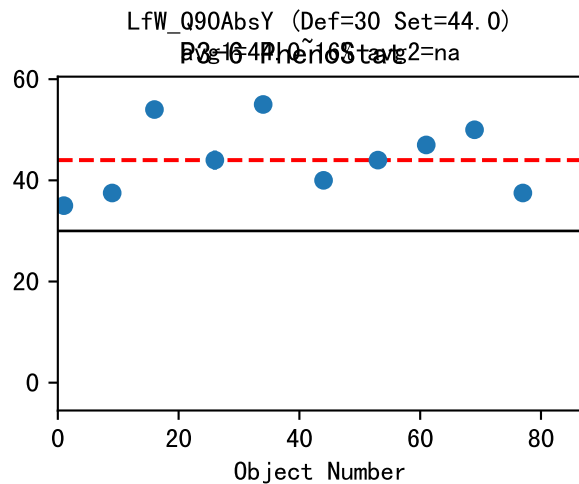
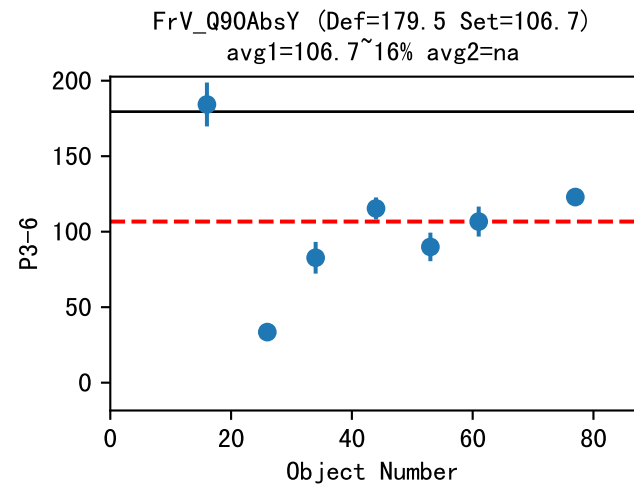
P3-6 TrimFruit



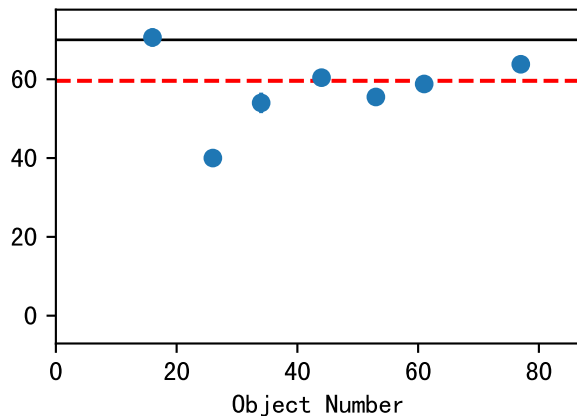
FruitNumMaxPerTruss (Def=na Set=6)

avg1=6.0~17% avg2=na

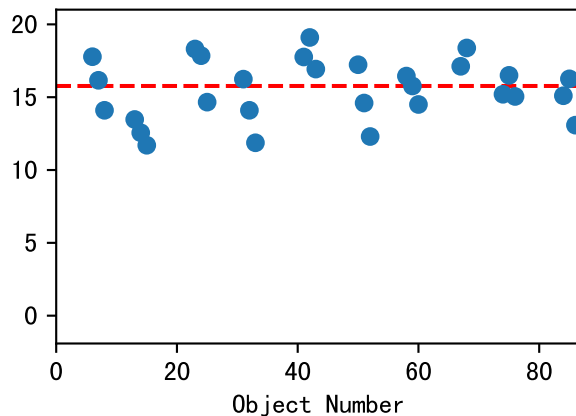




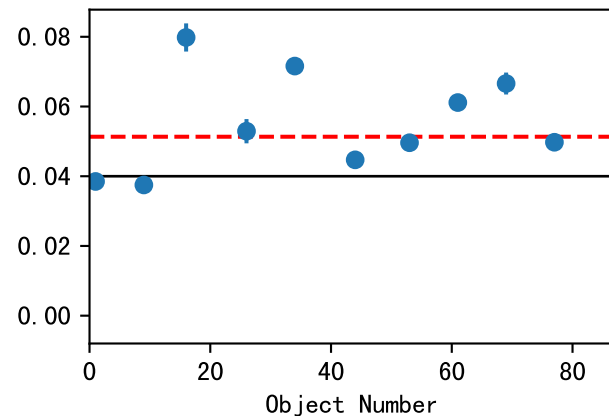
FrD\_Q90AbsY (Def=70 Set=59.6)  
avg1=59.6~10% avg2=na



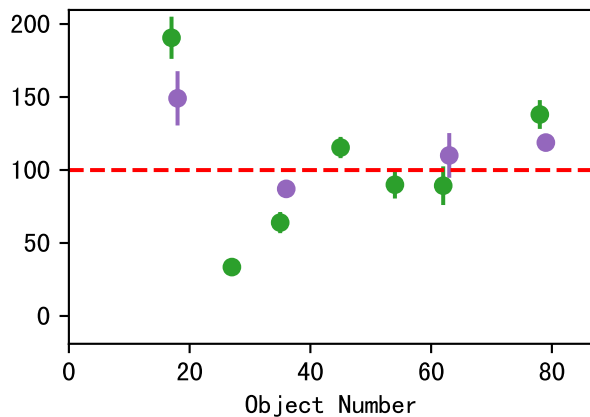
NdD\_avgAbsY (Def=na Set=15.77)  
avg1=15.77~13% avg2=na



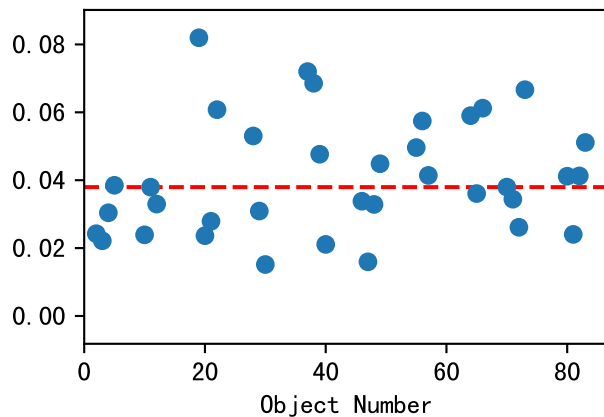
LfA\_Q90AbsY (Def=0.04 Set=0.05)  
avg1=0.05~28% avg2=na



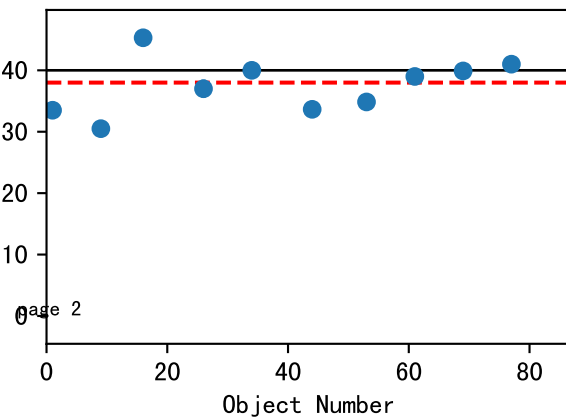
FrV\_avgAbsY (Def=na Set=99.95)  
avg1=99.95~34% avg2=na



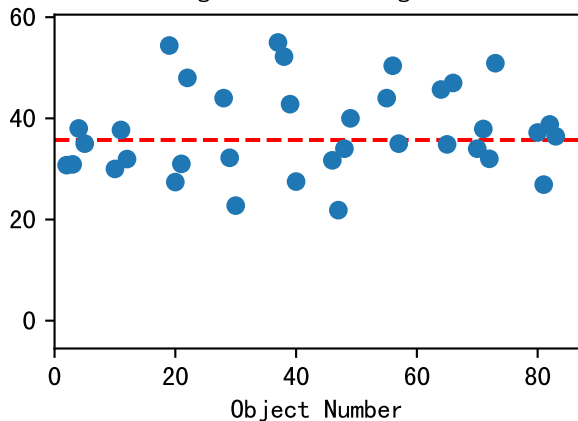
LfA\_avgAbsY (Def=na Set=0.04)  
avg1=0.04~44% avg2=na



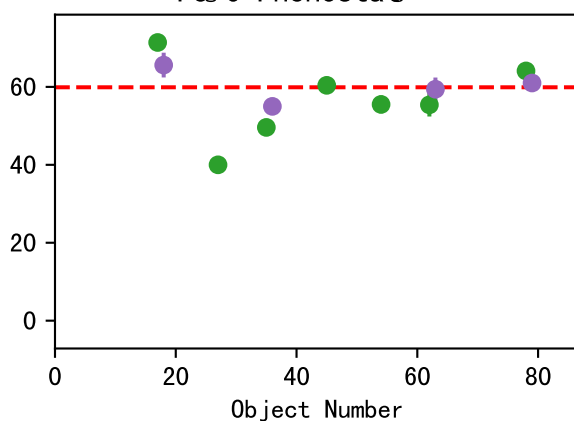
LfL\_Q90AbsY (Def=40 Set=38.0)  
avg1=38.0~12% avg2=na



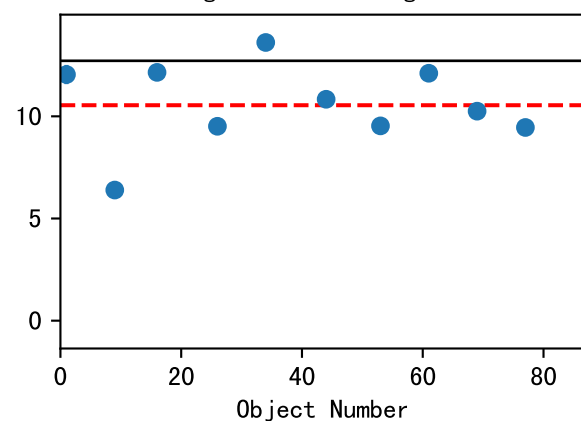
LfW\_avgAbsY (Def=na Set=35.73)  
avg1=35.73~24% avg2=na



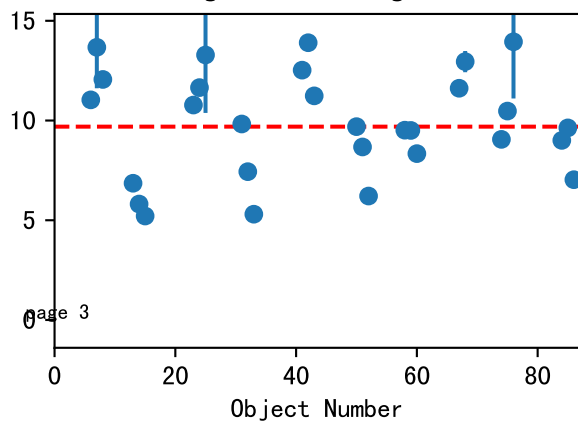
FrD\_avgAbsY (Def=na Set=59.9)  
avg1=59.9~16% avg2=na



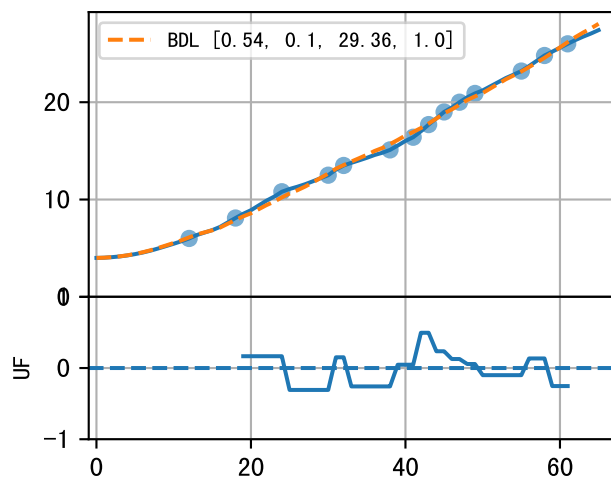
NdV\_Q90AbsY (Def=12.72 Set=10.54)  
avg1=10.54~19% avg2=na



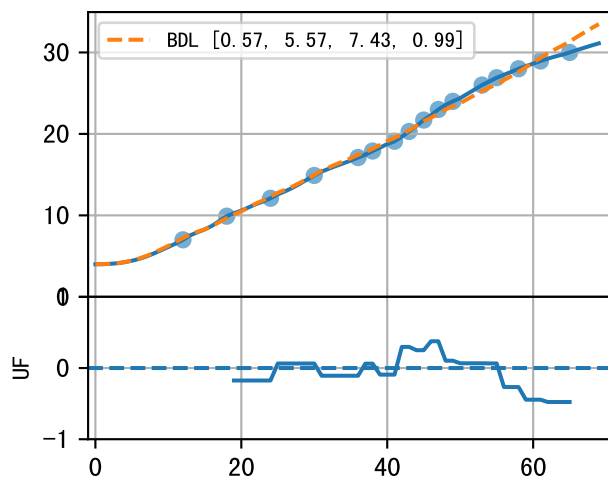
NdV\_avgAbsY (Def=na Set=9.69)  
avg1=9.69~27% avg2=na



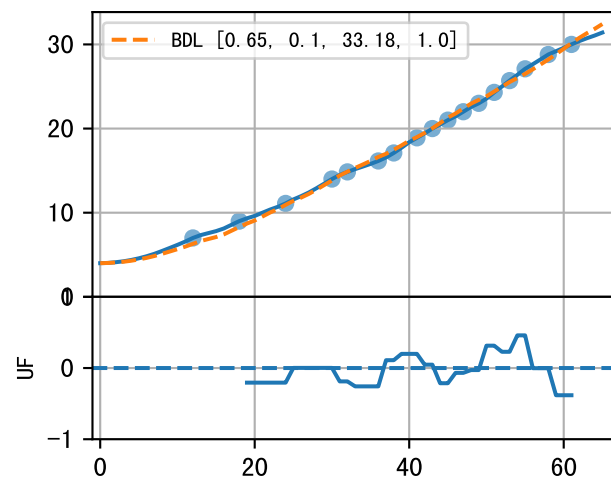
P3-6-003-24 (fit failed)



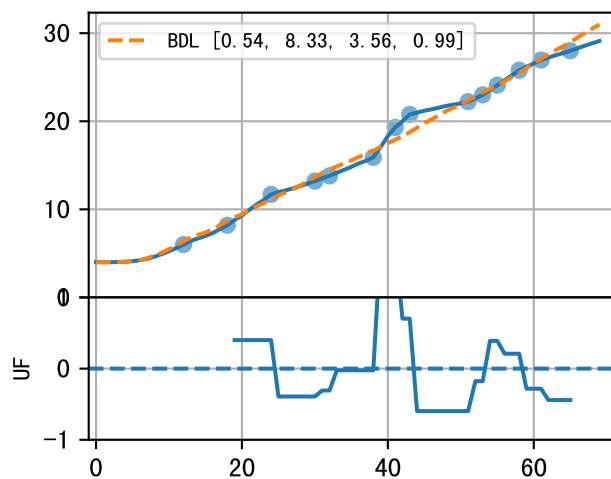
P3-6-007-11 (fit failed)



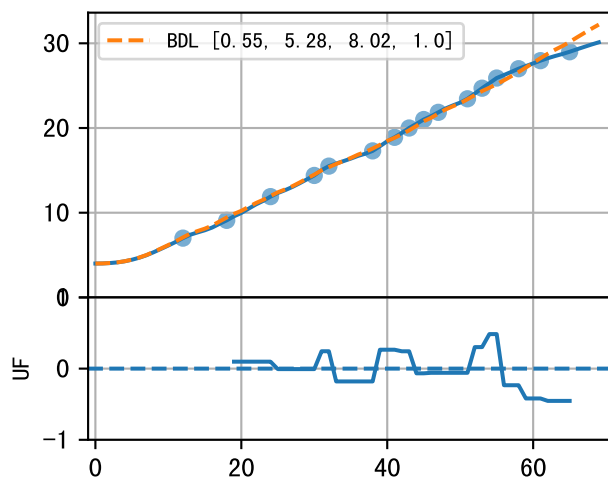
P3-6-011-7 (fit failed)



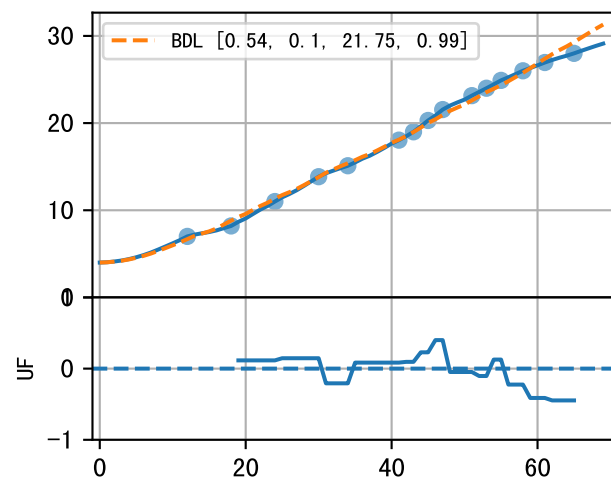
P3-6-015-30 (fit failed)



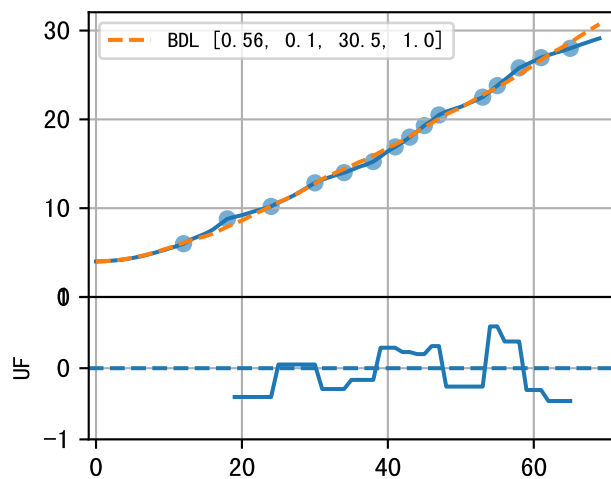
P3-6-019-12 (fit failed)



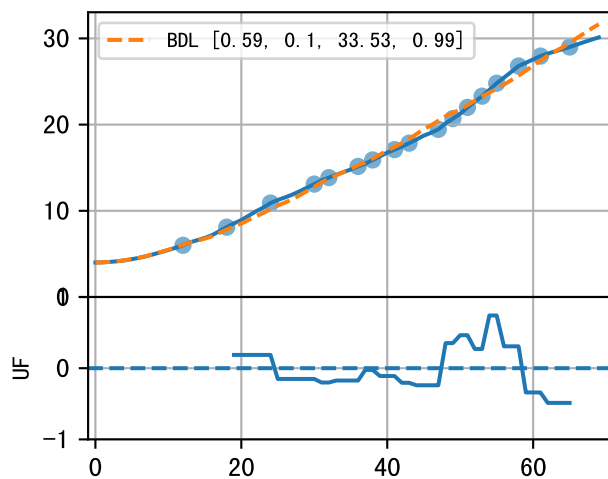
P3-6-024-25 (fit failed)



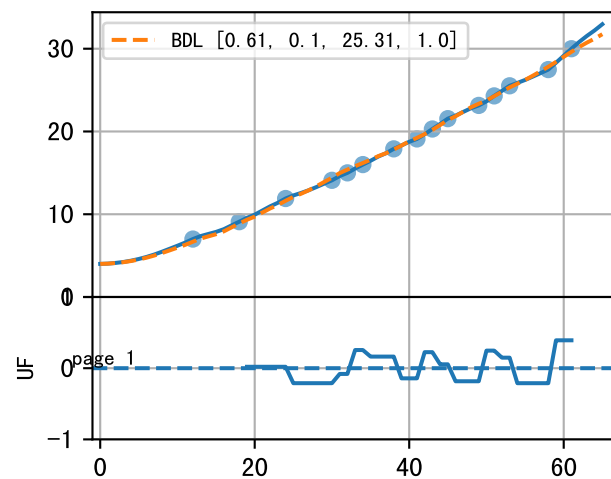
P3-6-028-32 (fit failed)



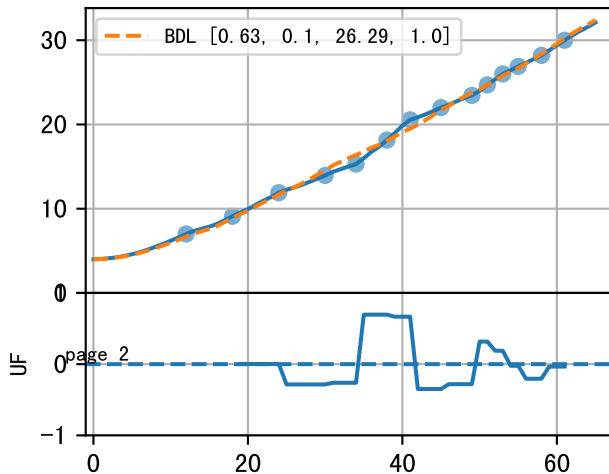
P3-6-033-9 (fit failed)



P3-6-038-21 (fit failed)



## P3-6-042-4 (fit failed)

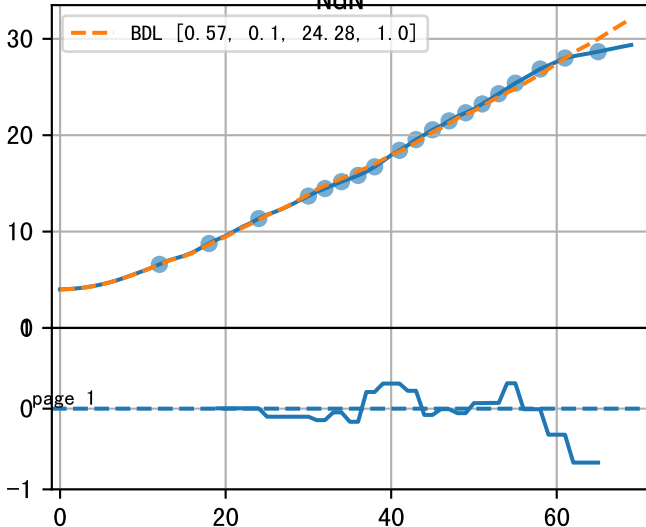


# P3-6avg (fit failed)

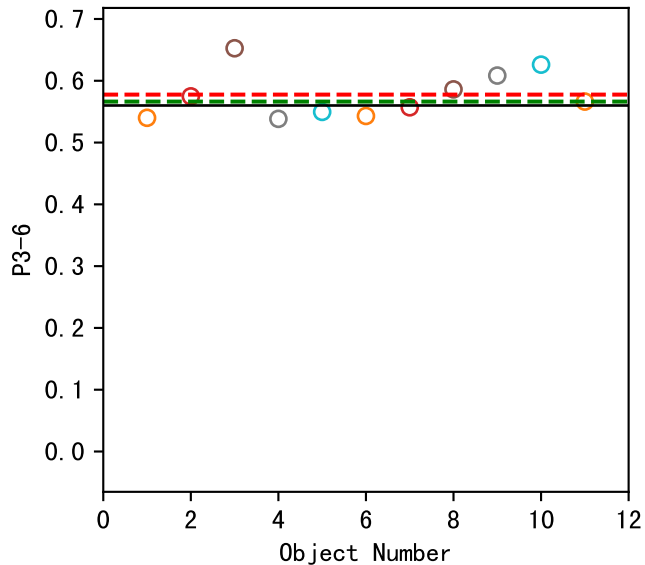
NdN

BDL [0.57, 0.1, 24.28, 1.0]

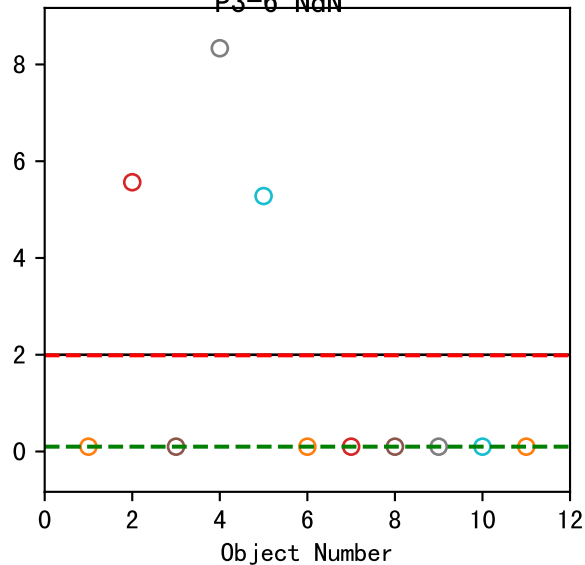
UF  
page 1



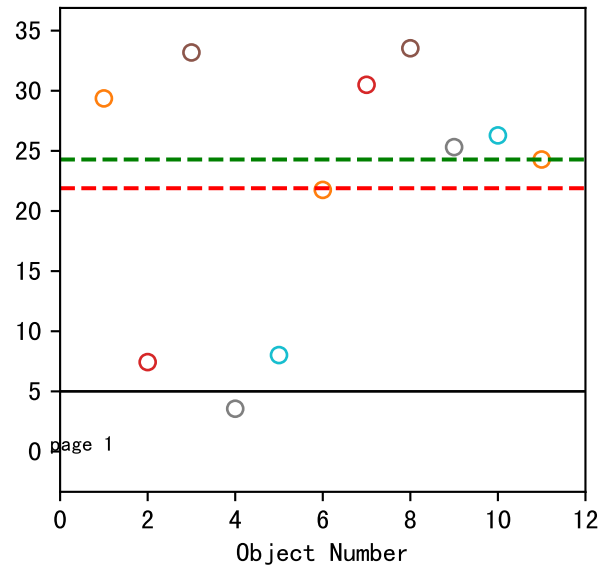
a (Def=0.56 Set=0.57)  
avg1=0.58(fail) avg2=0.57



dm (Def=2 Set=0.1)  
avg1=1.99(fail) avg2=0.1

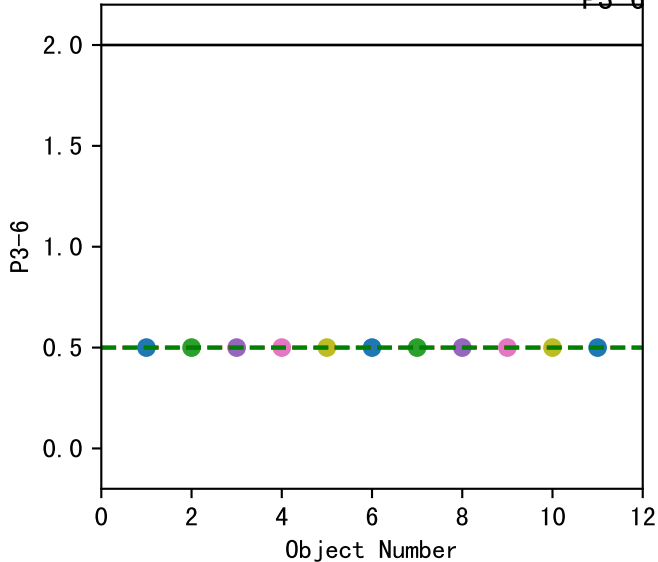


de (Def=5 Set=24.28)  
avg1=21.89(fail) avg2=24.28



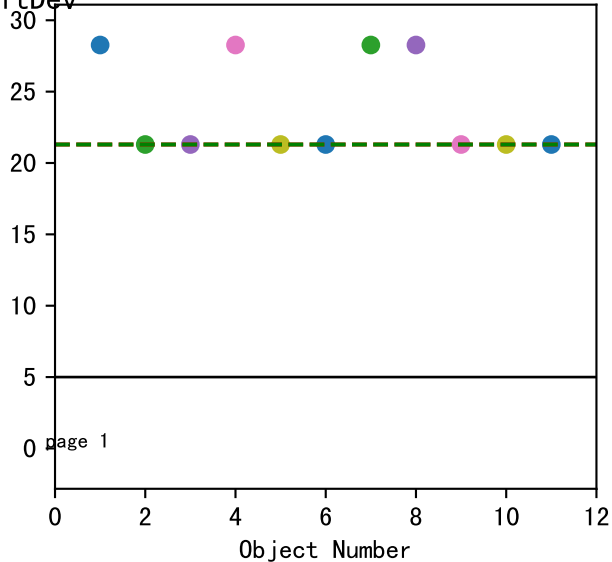
InitDev\_dm (Def=2 Set=0.5)  
avg1=0.5~0% avg2=0.5

P3-6

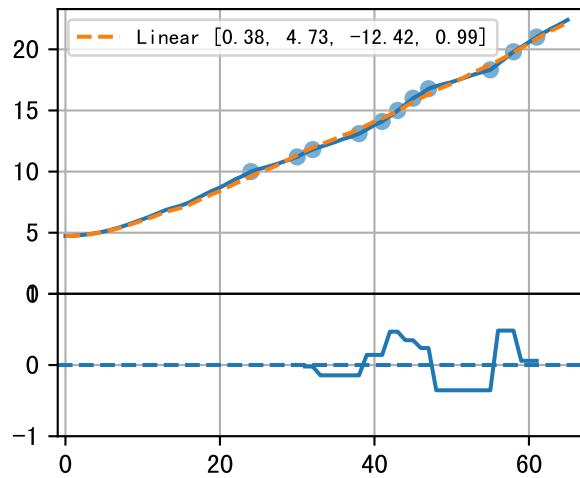


InitDev\_de (Def=5 Set=21.3)  
avg1=21.3~17% avg2=21.3

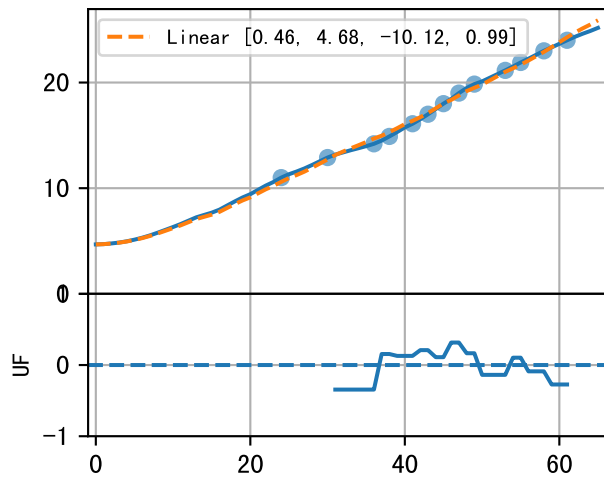
InitDev



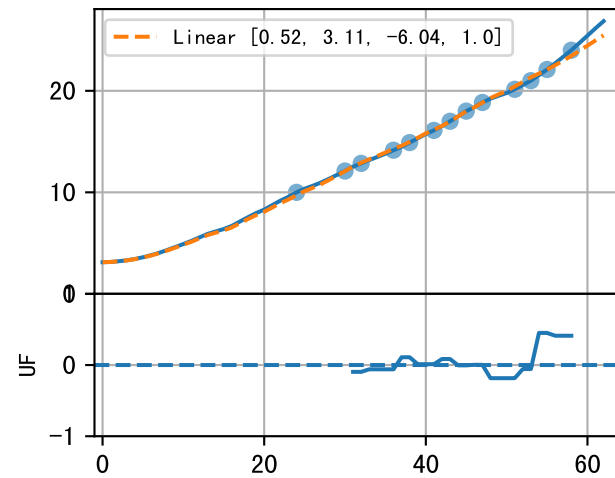
P3-6-003-24



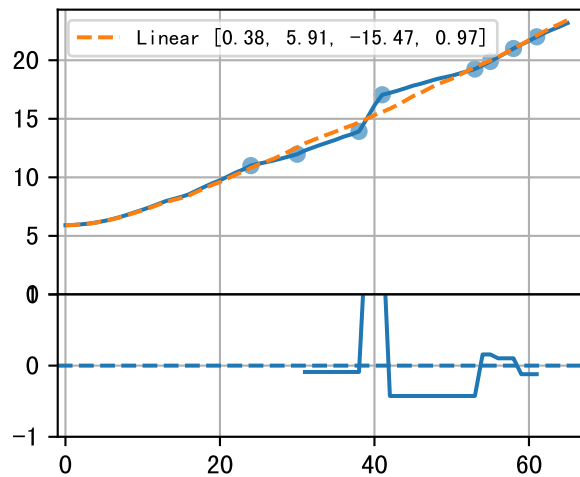
P3-6-007-11



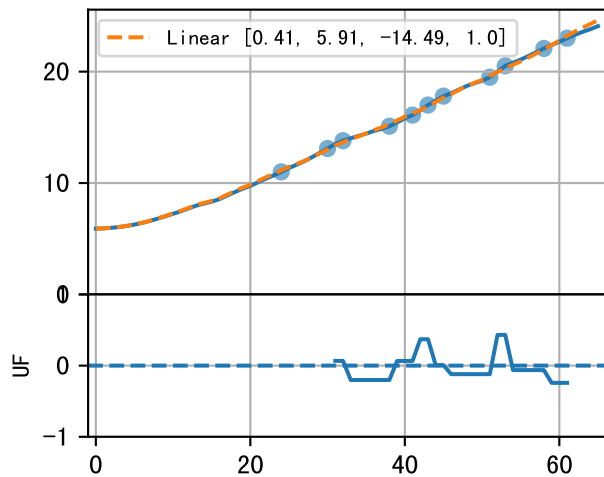
P3-6-011-7



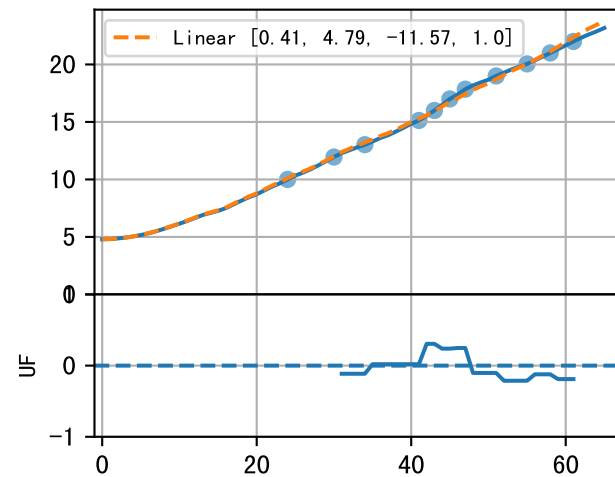
P3-6-015-30



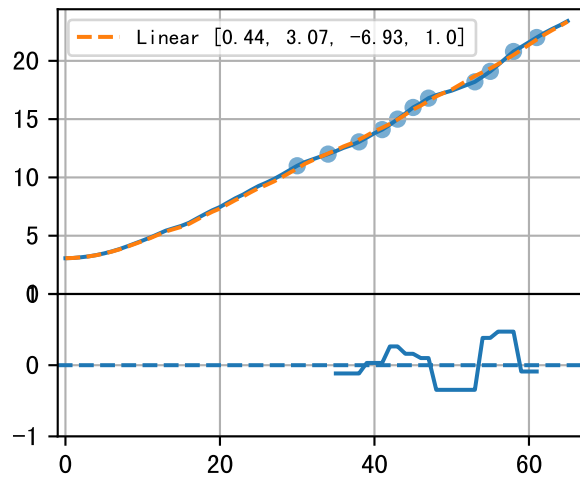
P3-6-019-12



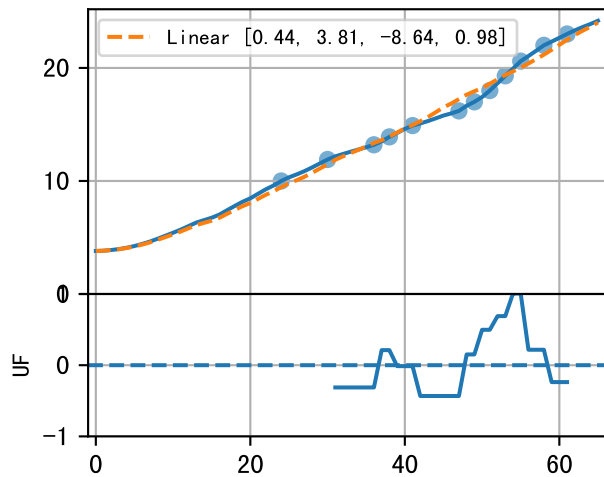
P3-6-024-25



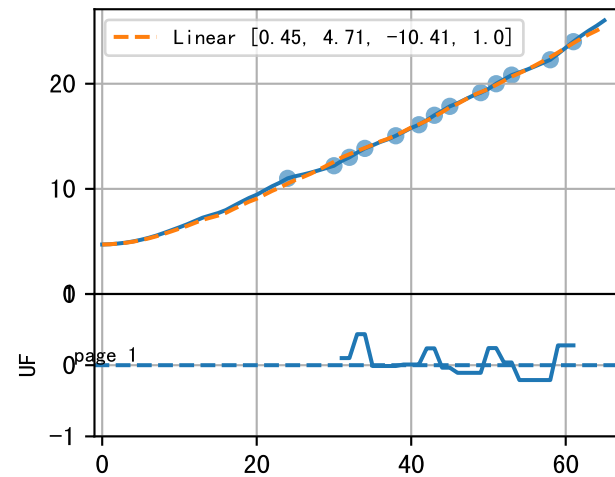
P3-6-028-32



P3-6-033-9

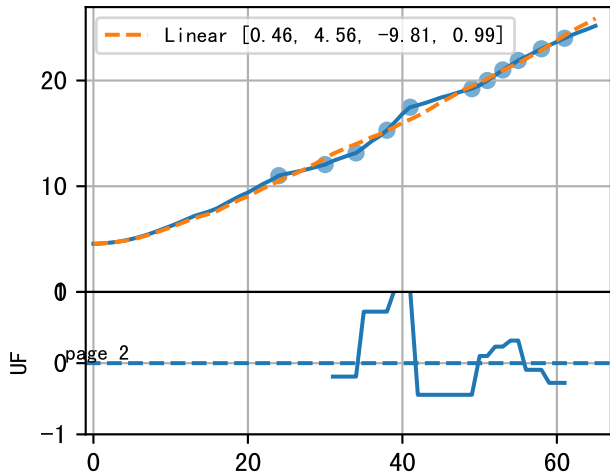


P3-6-038-21



P3-6-042-4

LfN

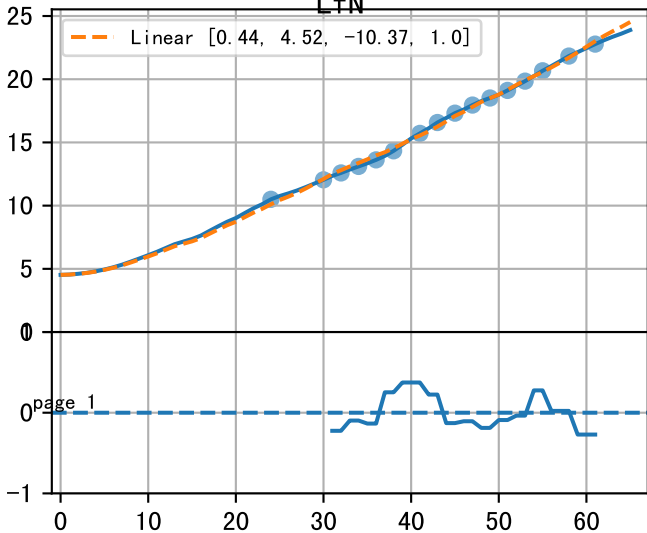


P3-6avg  
Lfn

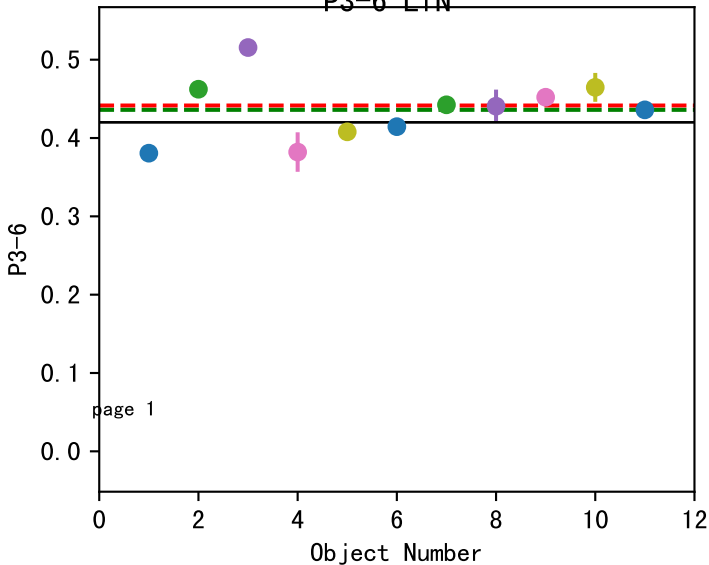
Linear [0.44, 4.52, -10.37, 1.0]

UF

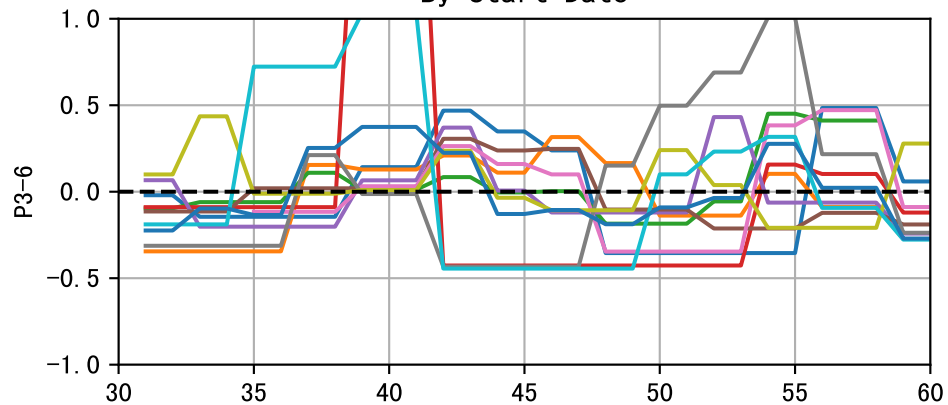
page 1



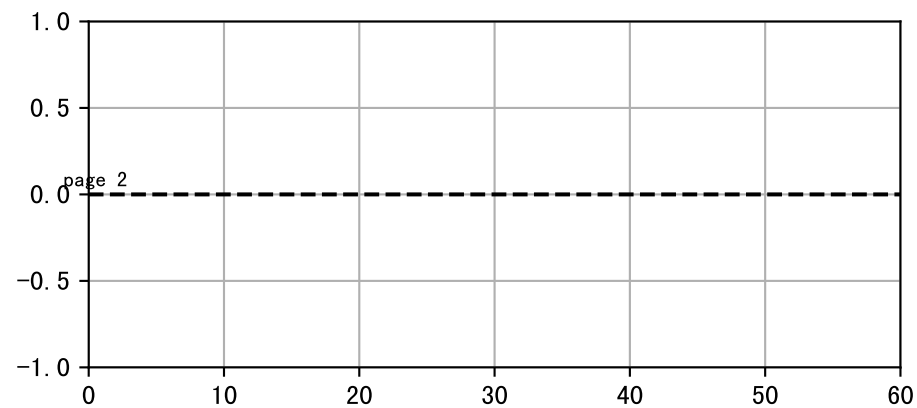
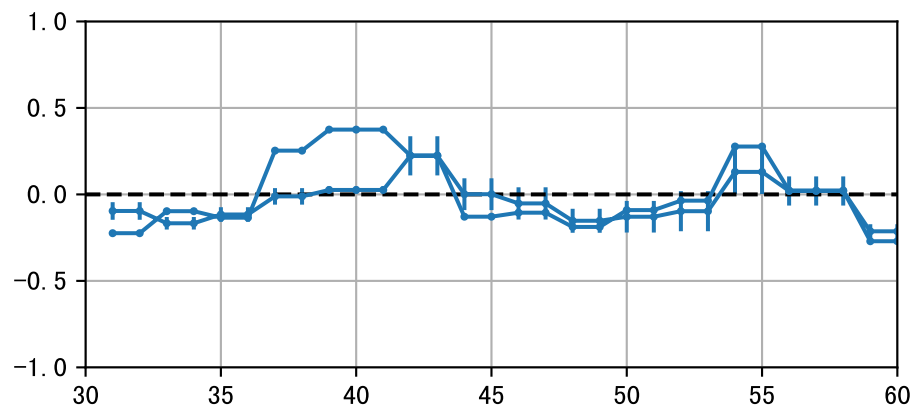
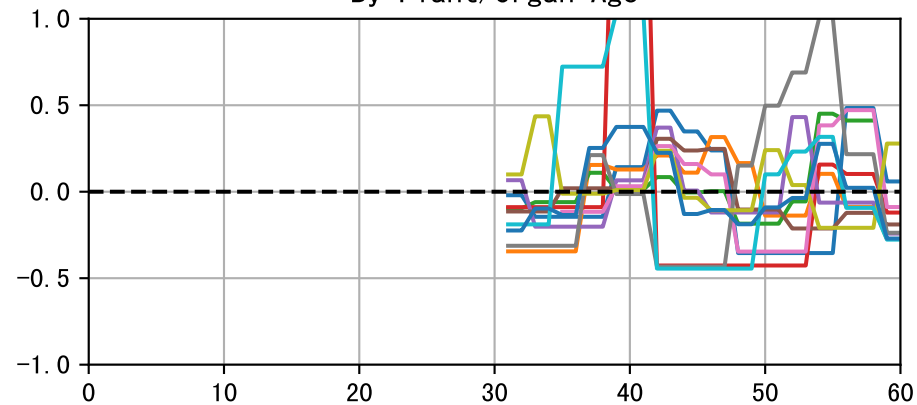
a (Def=0.42 Set=0.44)  
avg1=0.44 $\sim$ 9% avg2=0.44 $\sim$ 5%  
P3-6 LfN



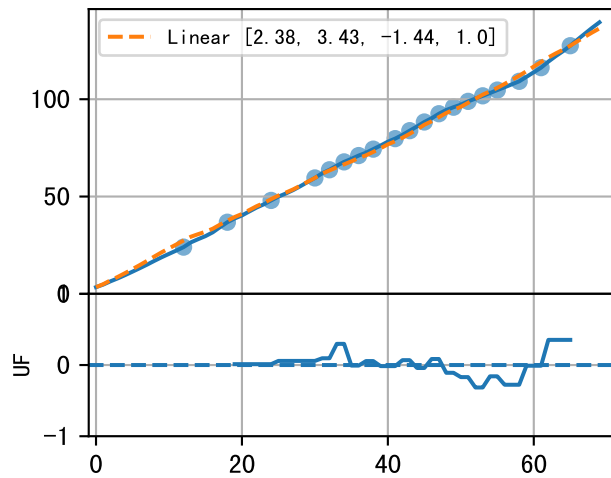
By Start Date



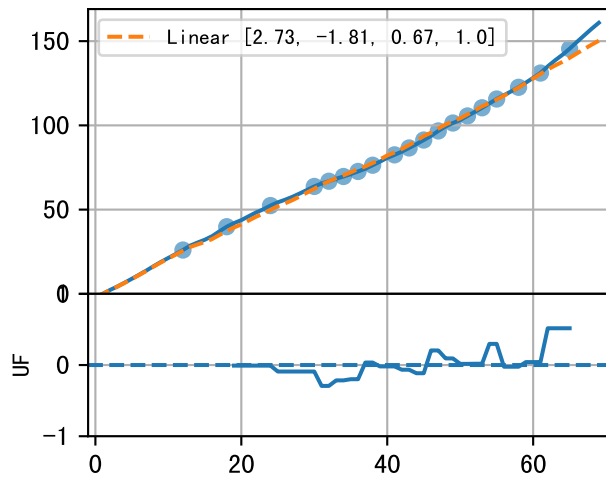
By Plant/Organ Age



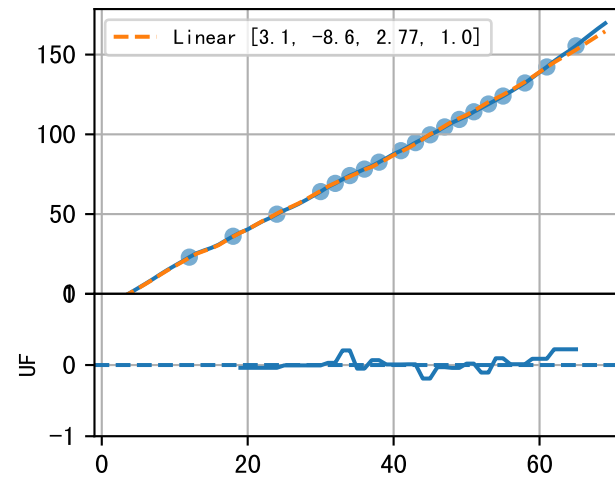
P3-6-003-24



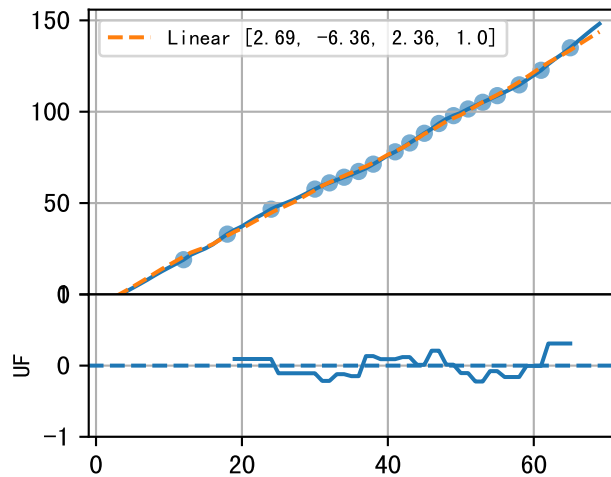
P3-6-007-11



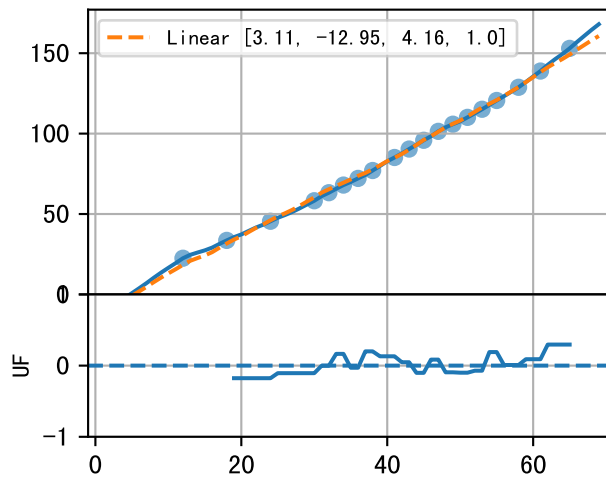
P3-6-011-7



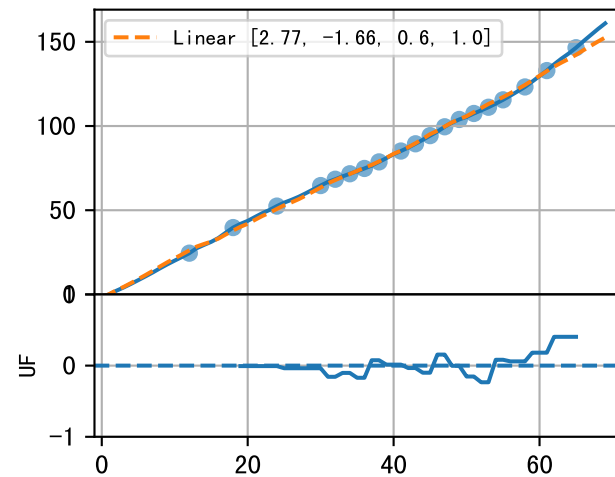
P3-6-015-30



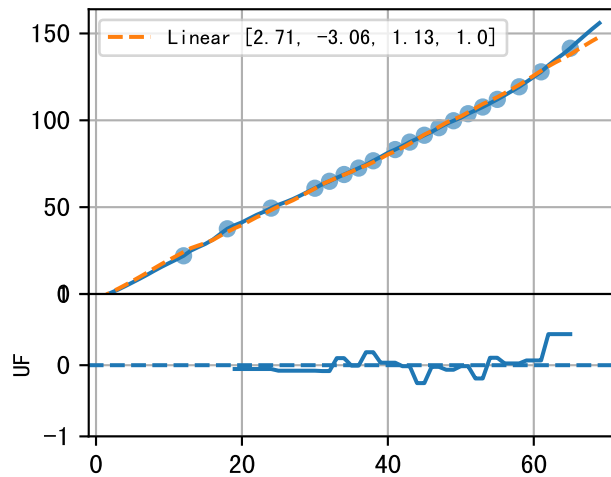
P3-6-019-12



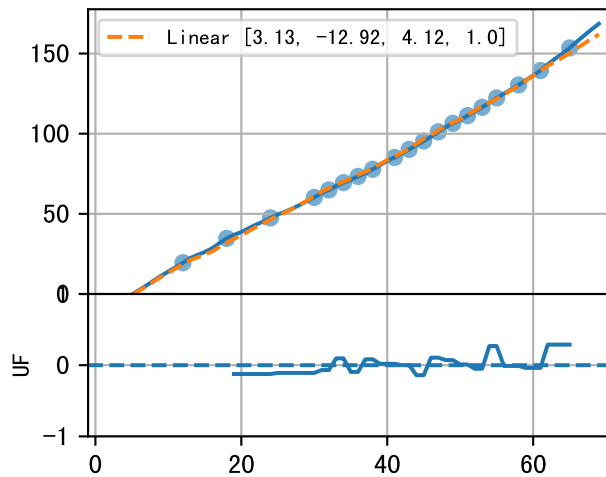
P3-6-024-25



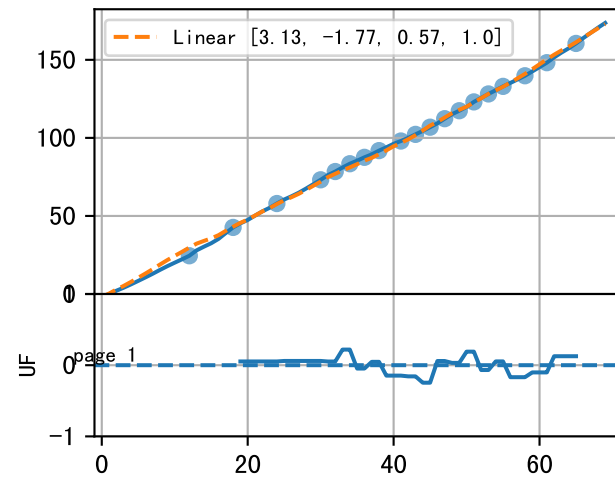
P3-6-028-32



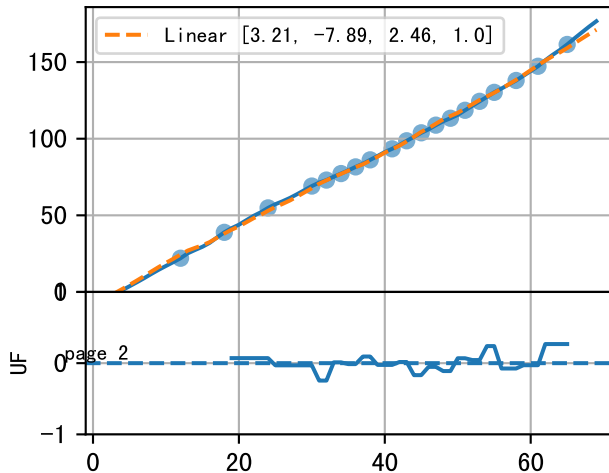
P3-6-033-9



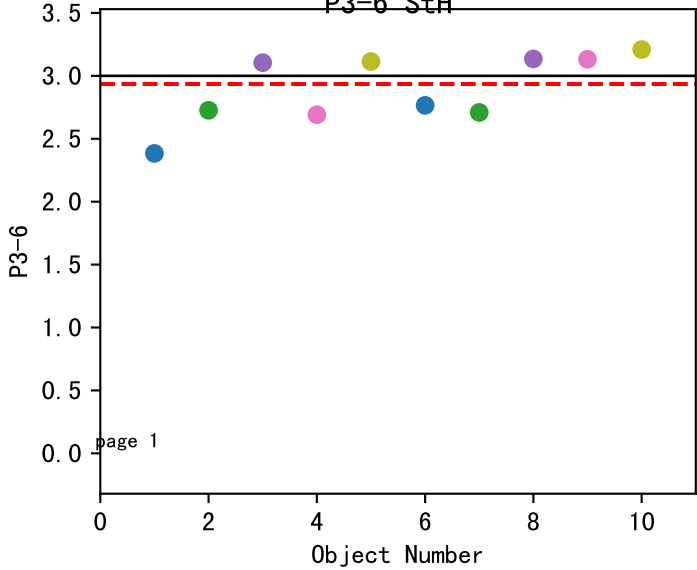
P3-6-038-21



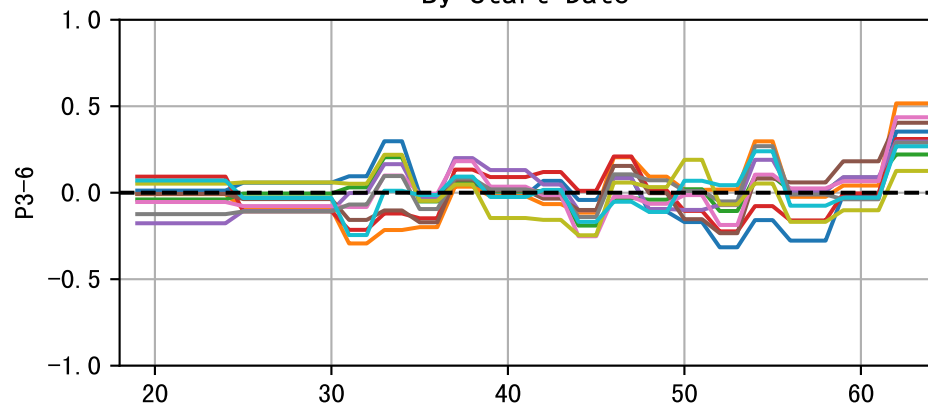
P3-6-042-4



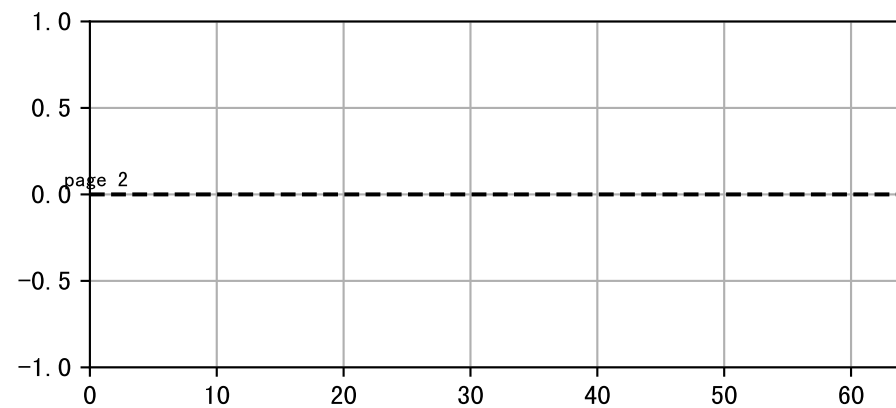
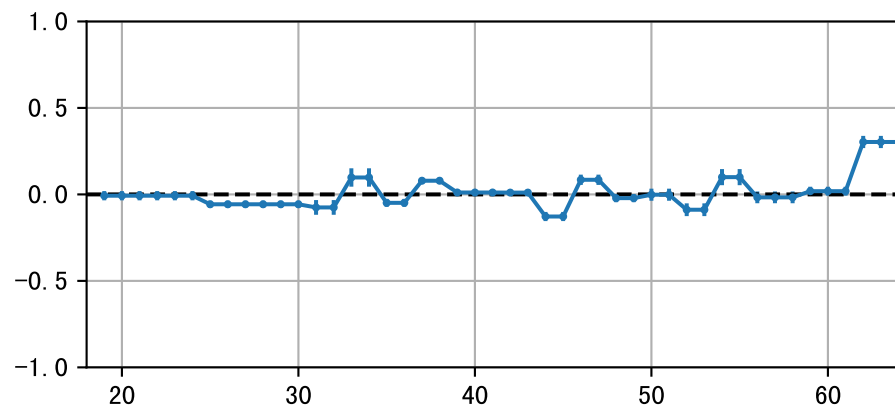
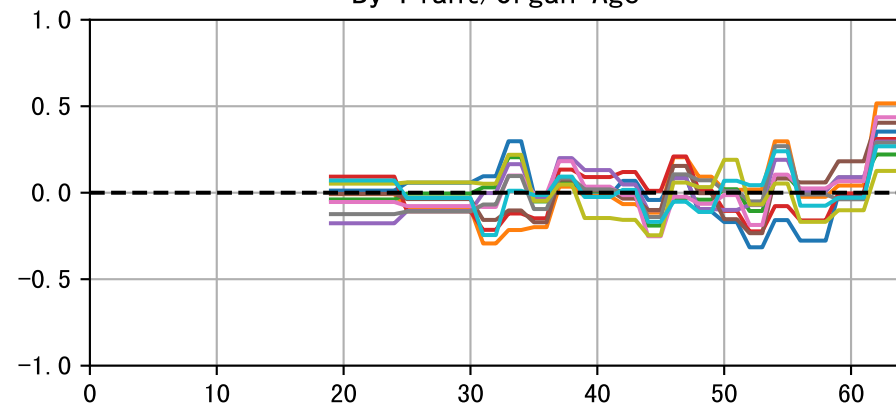
a (Def=3 Set=2.94)  
avg1=2.94~9% avg2=na  
P3-6 StH



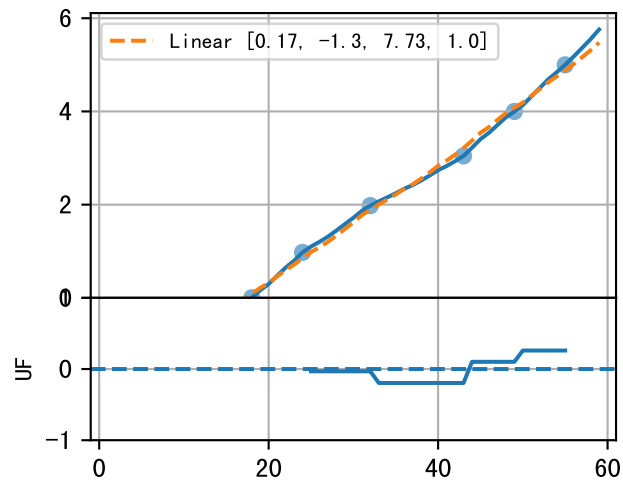
By Start Date



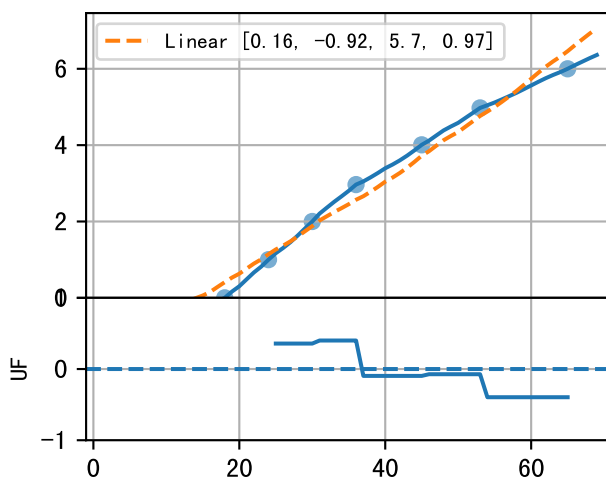
By Plant/Organ Age



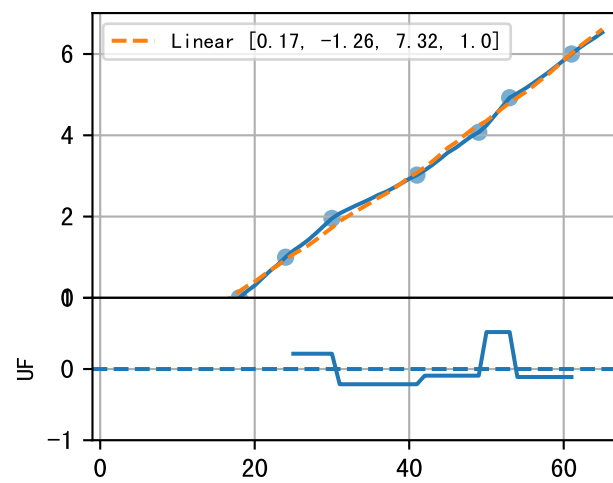
P3-6-003-24



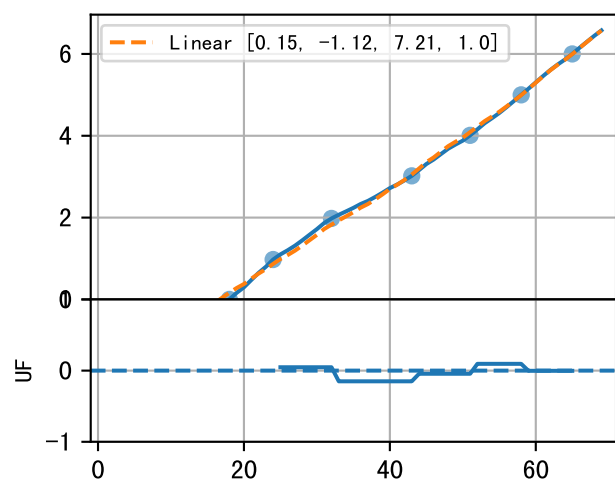
P3-6-007-11



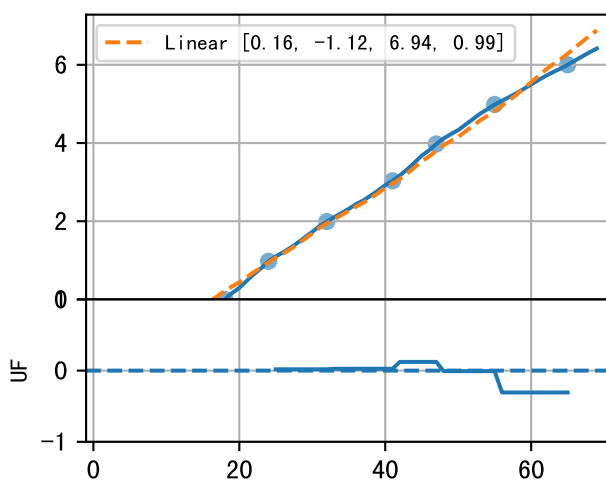
P3-6-011-7



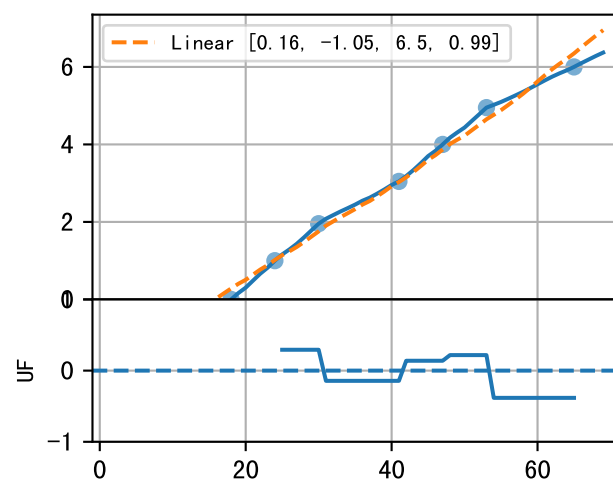
P3-6-015-30



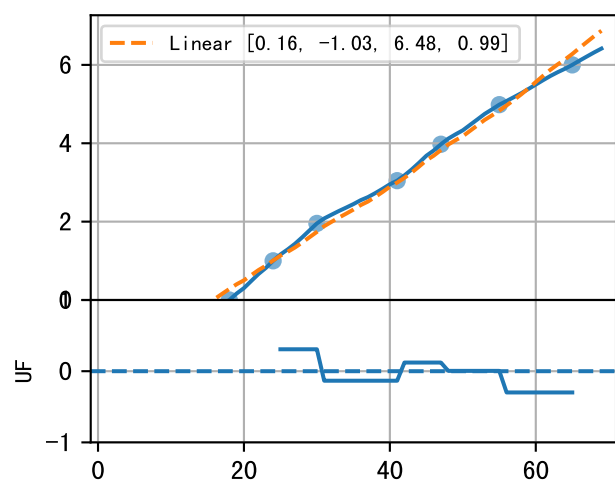
P3-6-019-12



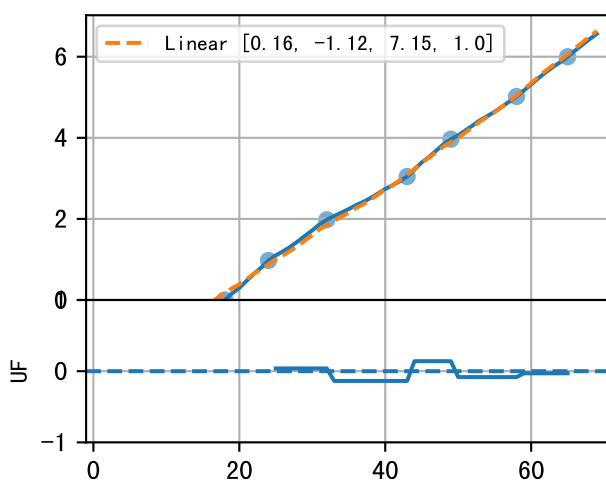
P3-6-024-25



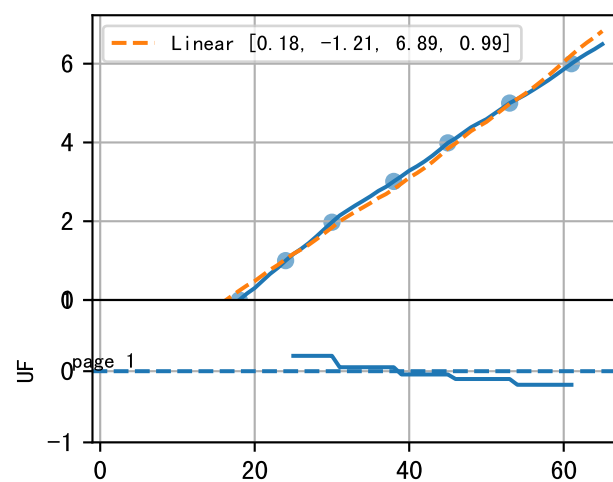
P3-6-028-32



P3-6-033-9

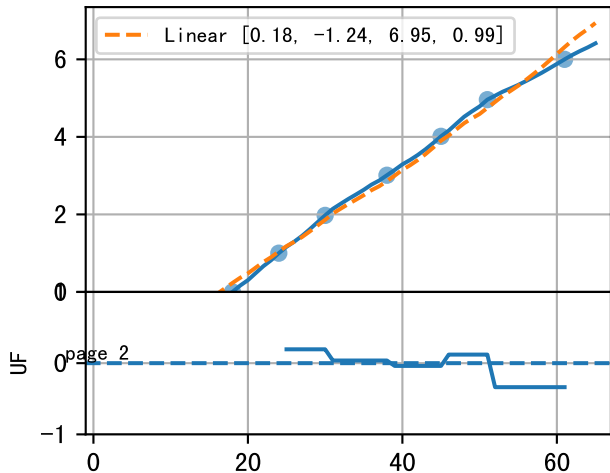


P3-6-038-21



P3-6-042-4

TsN



UF

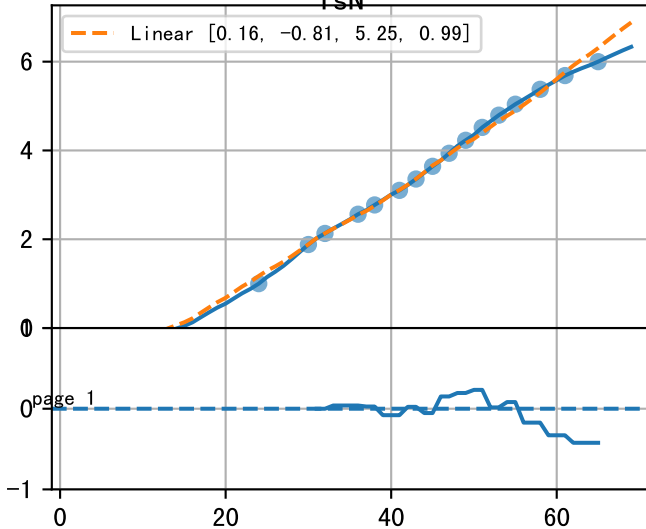
page 2

P3-6avg  
T<sub>SN</sub>

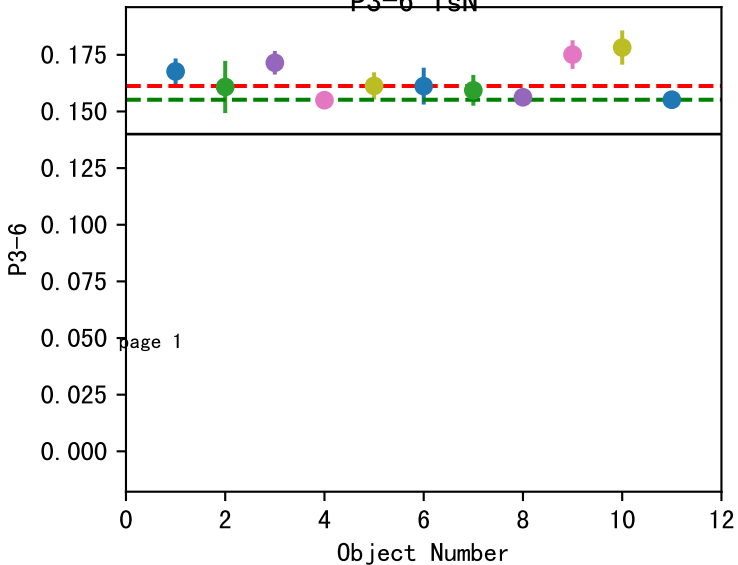
Linear [0.16, -0.81, 5.25, 0.99]

UF

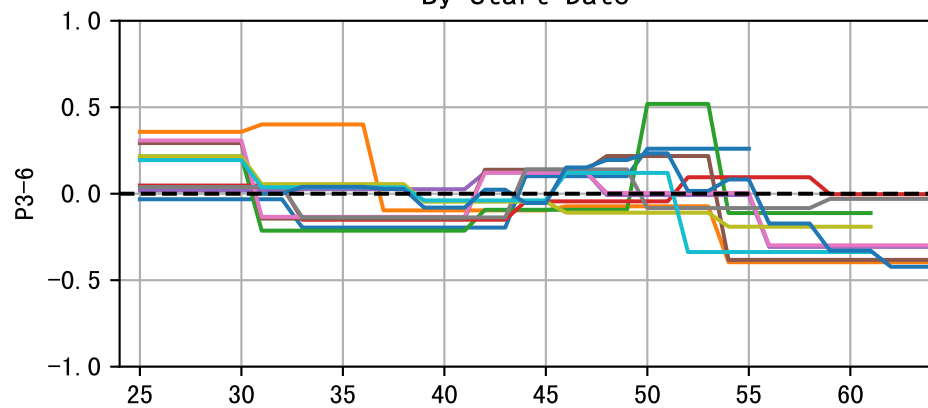
page 1



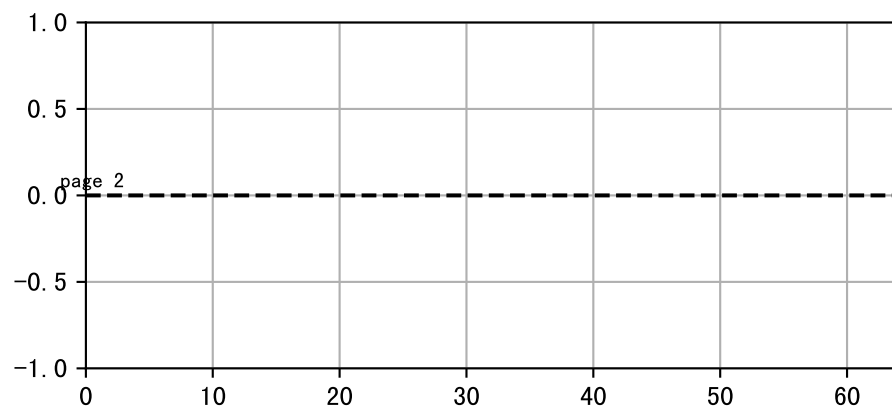
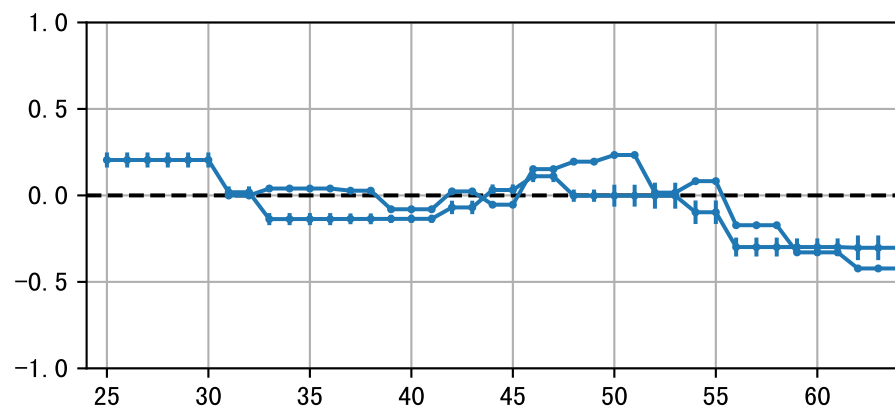
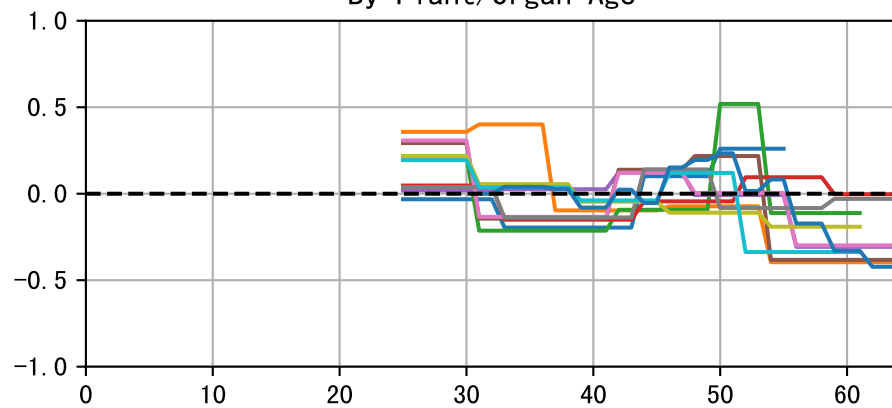
a (Def=0.14 Set=0.16)  
avg1=0.16<sup>~5%</sup> avg2=0.16<sup>~7%</sup>  
P3-6 1sN

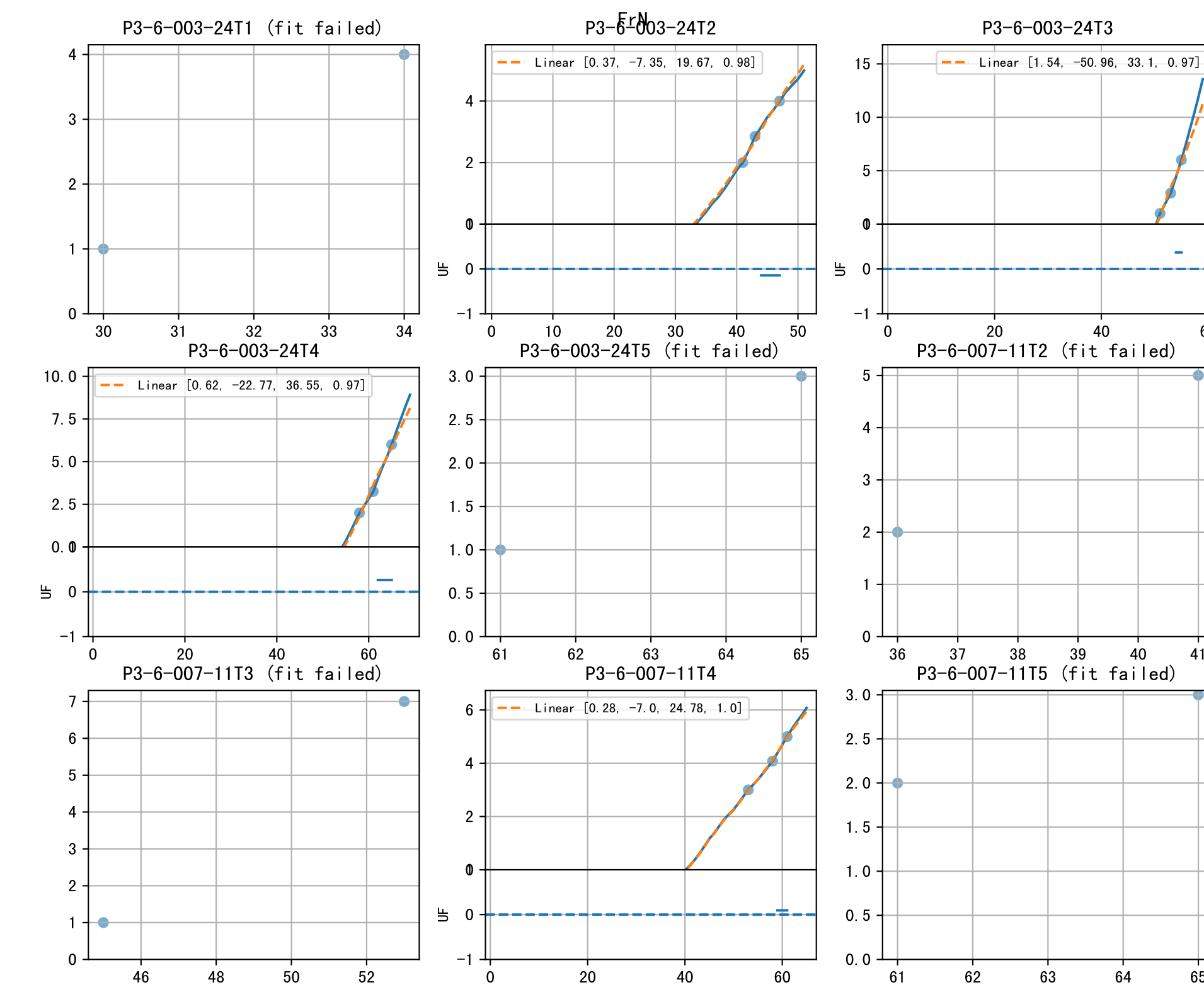


By Start Date

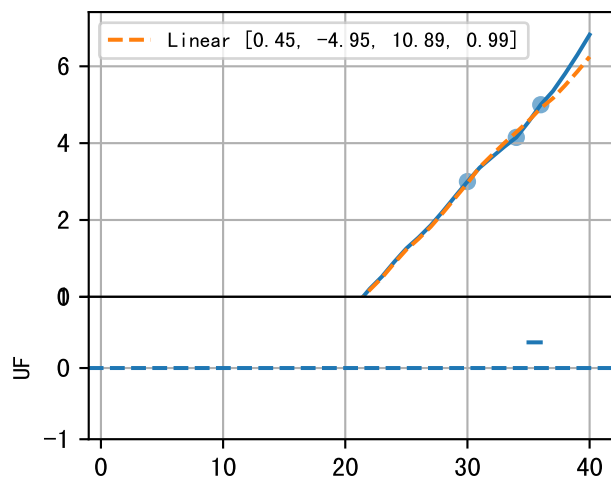


By Plant/Organ Age

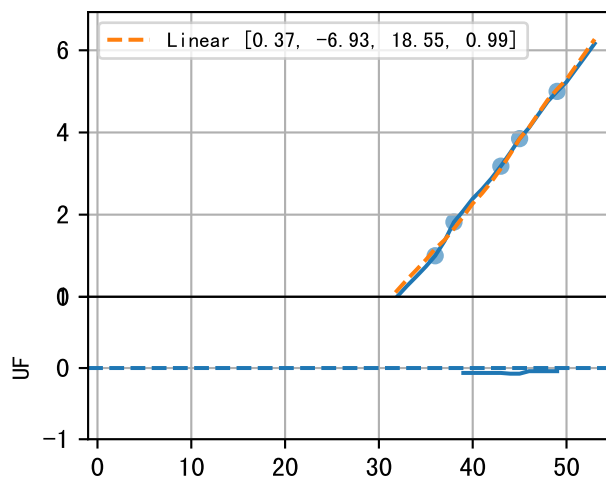




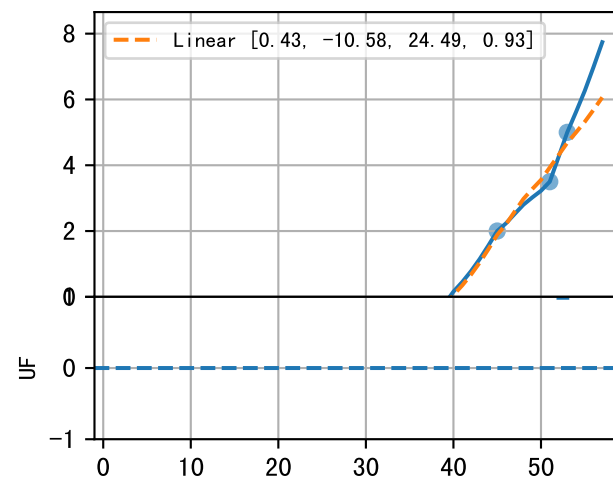
P3-6-011-7T1



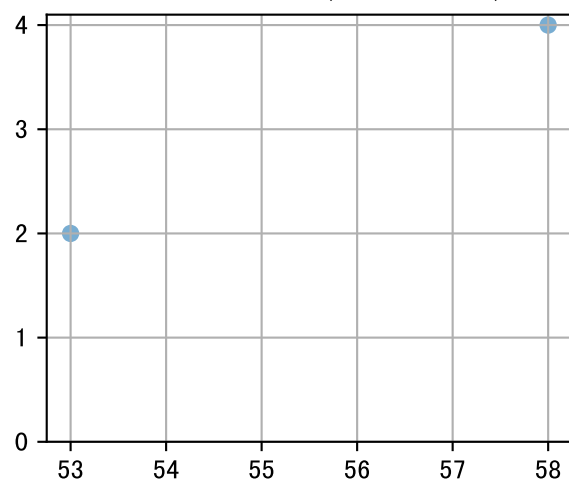
P3-6-011-7T2



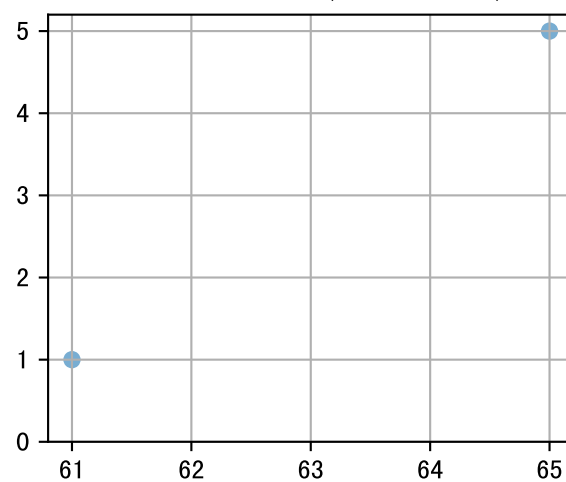
P3-6-011-7T3



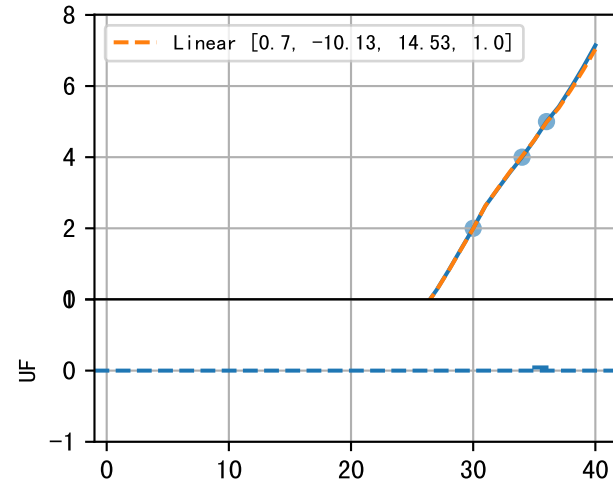
P3-6-011-7T4 (fit failed)



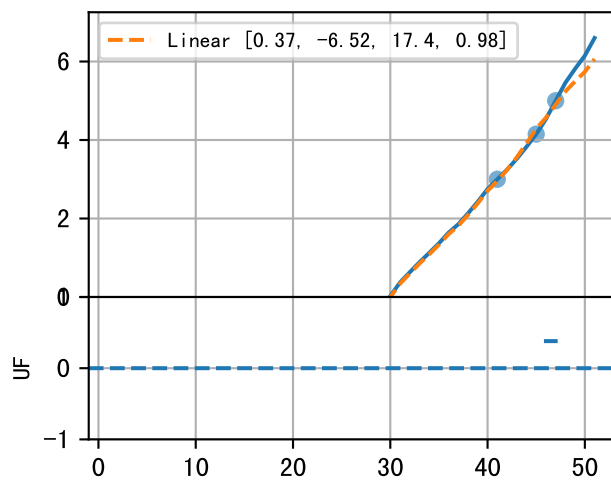
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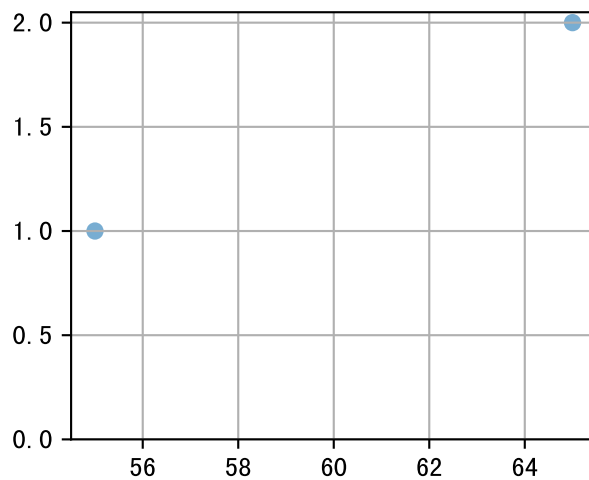
P3-6-015-30T1



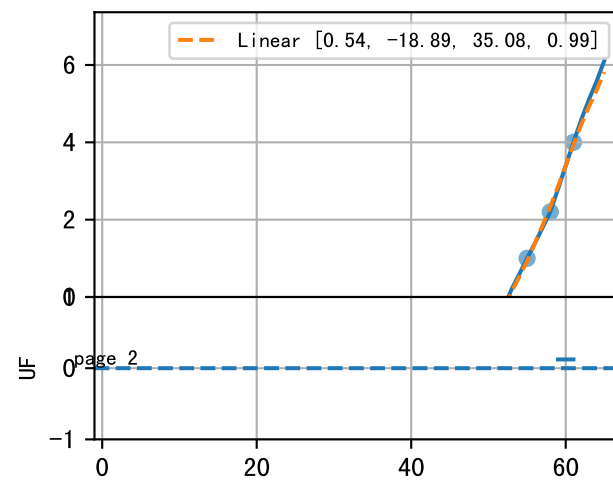
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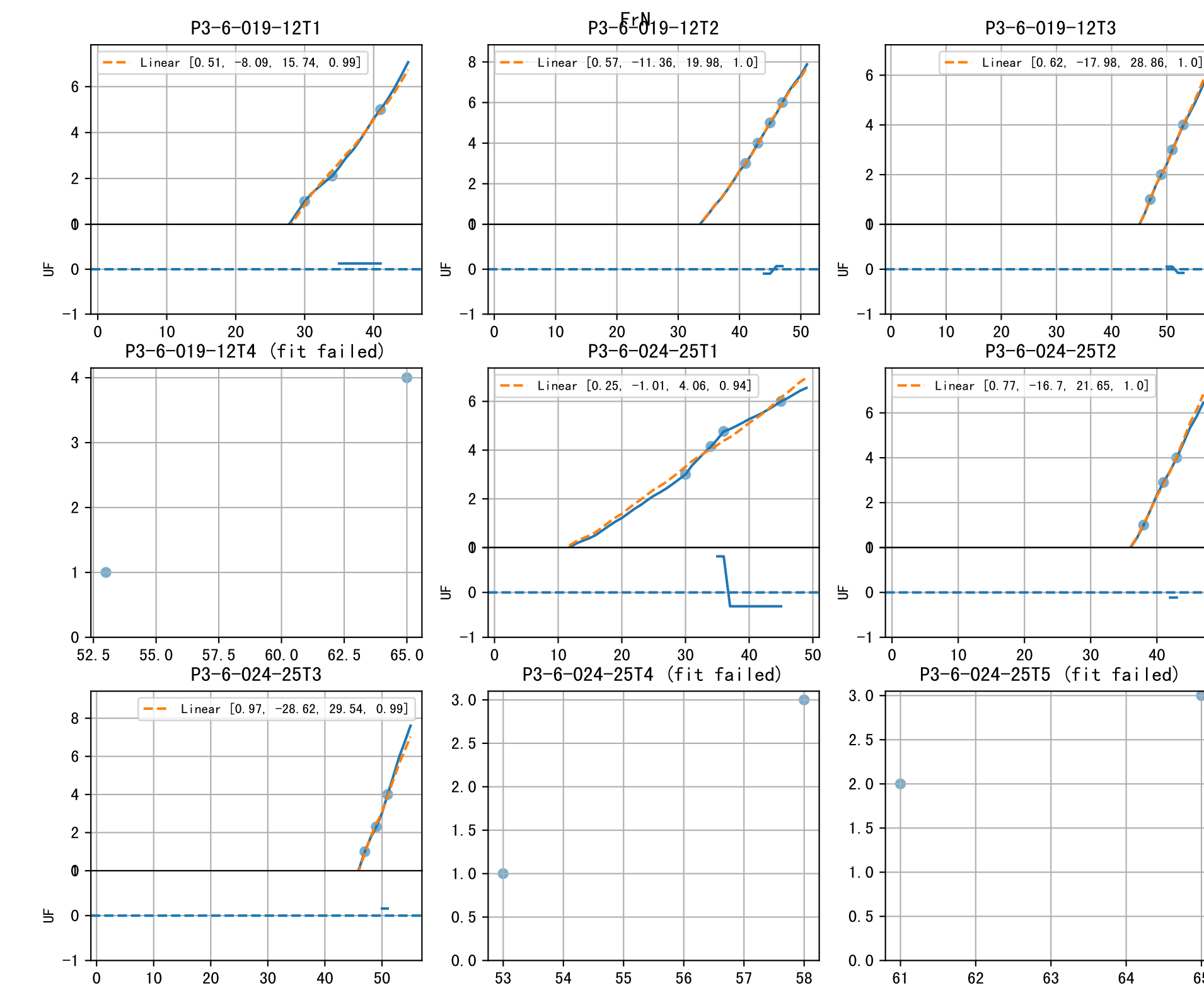


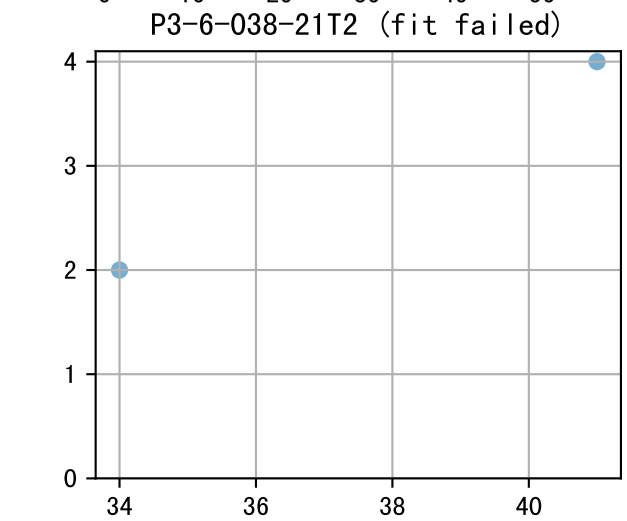
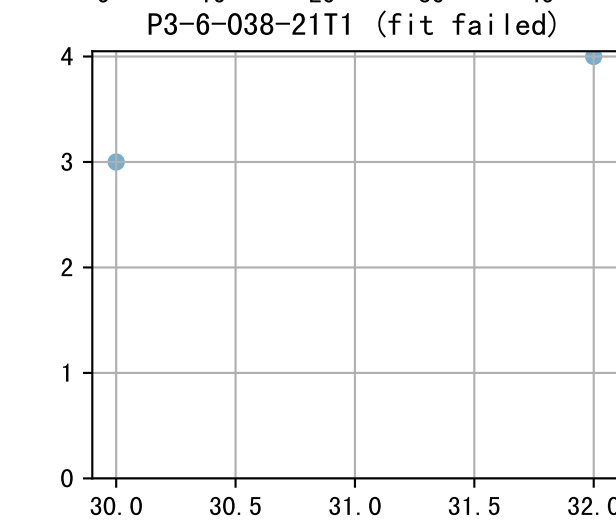
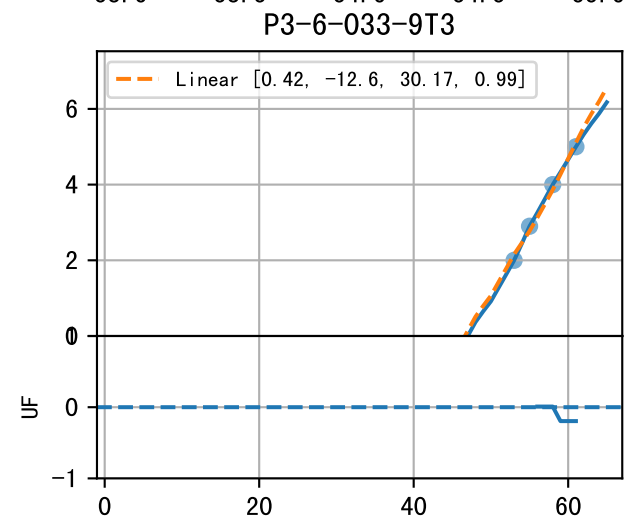
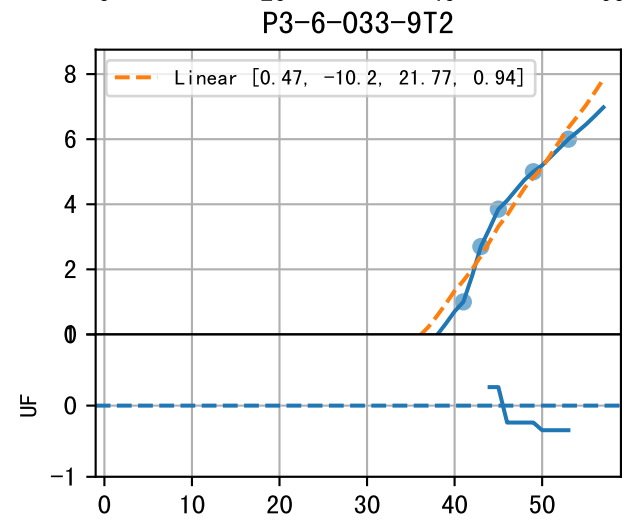
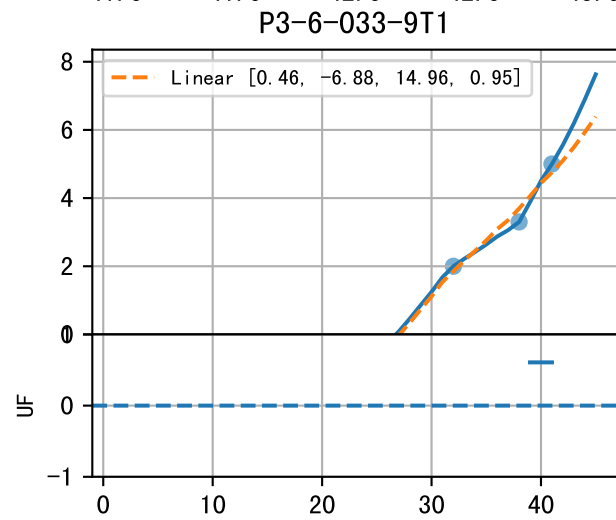
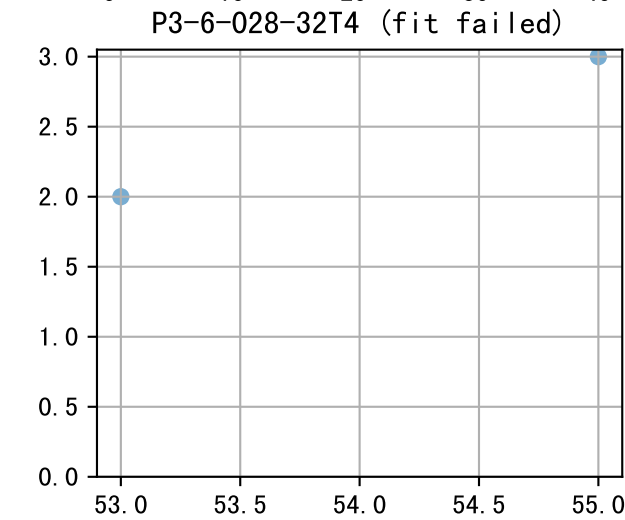
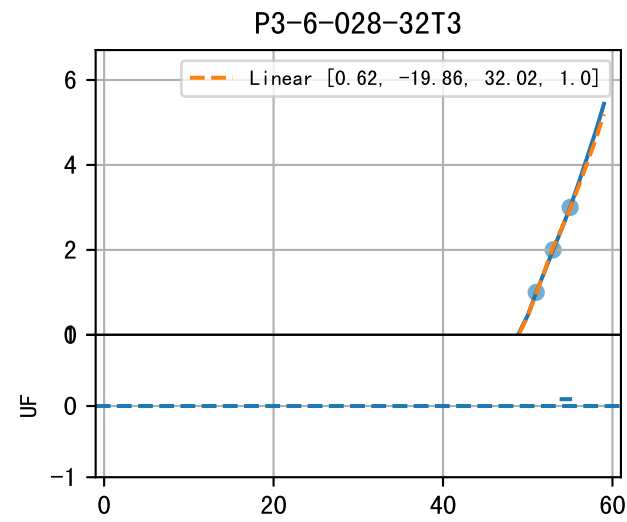
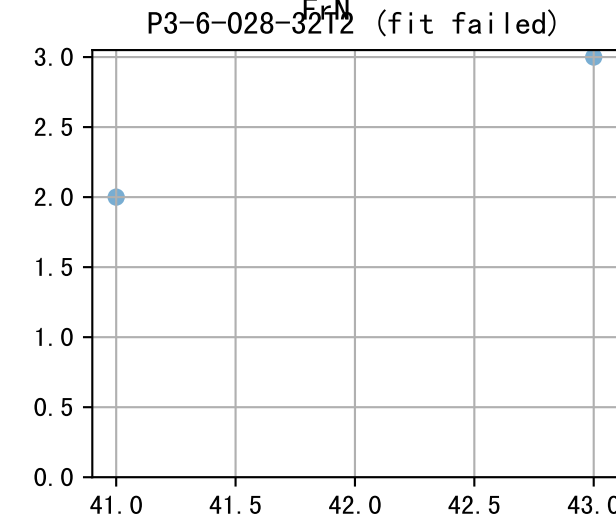
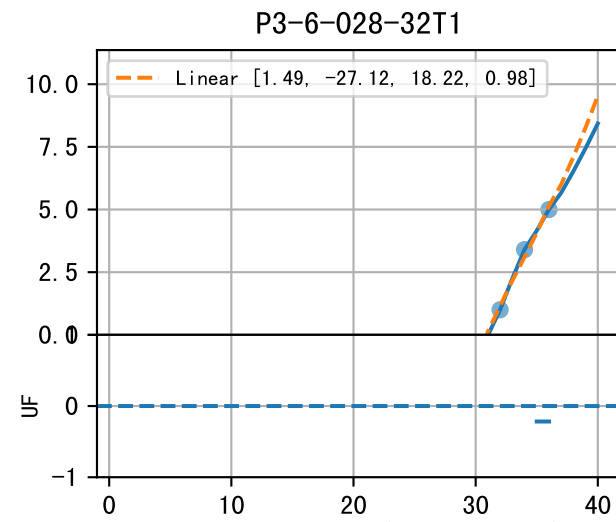
P3-6-015-30T3 (fit failed)



P3-6-015-30T4



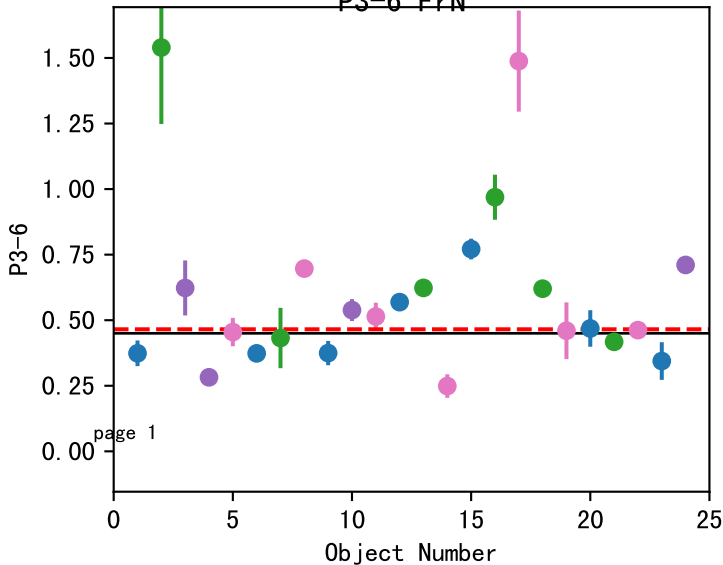




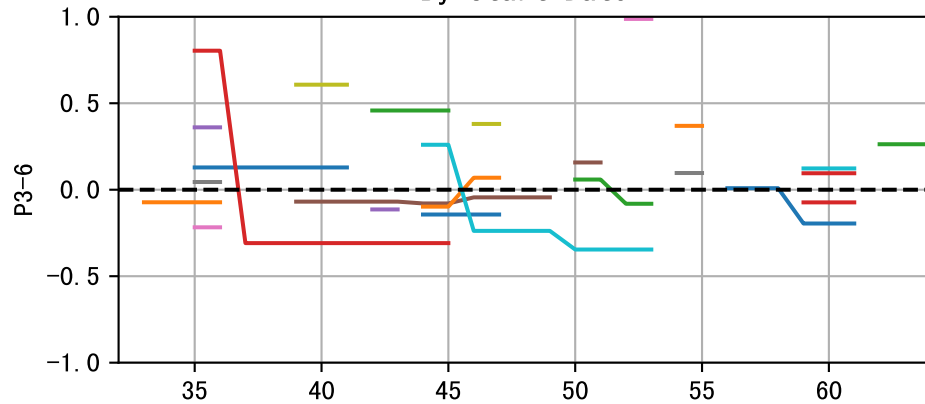


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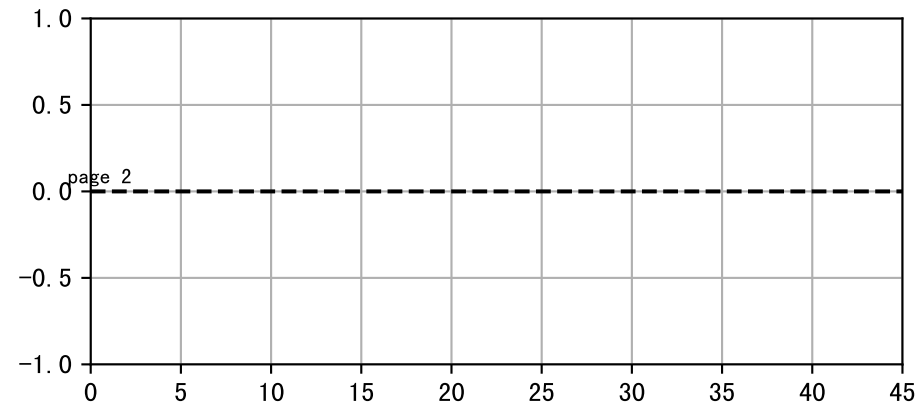
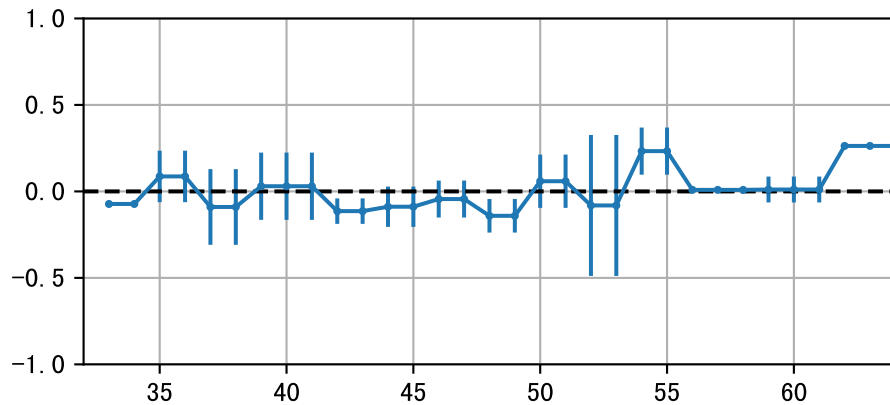
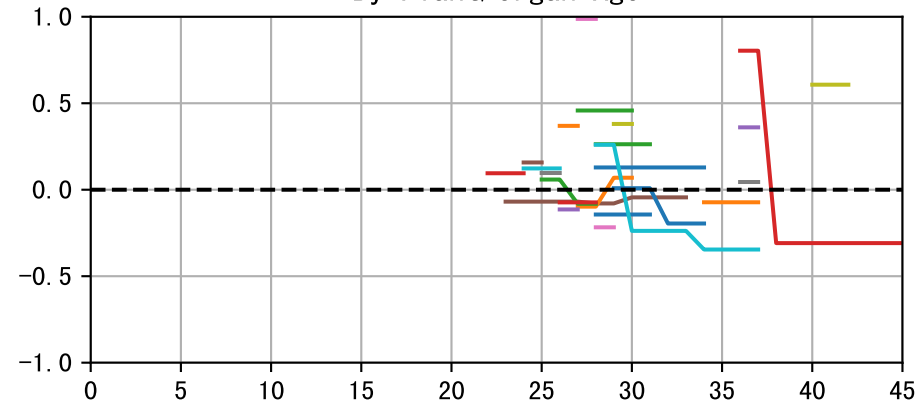
P3-6 FrN

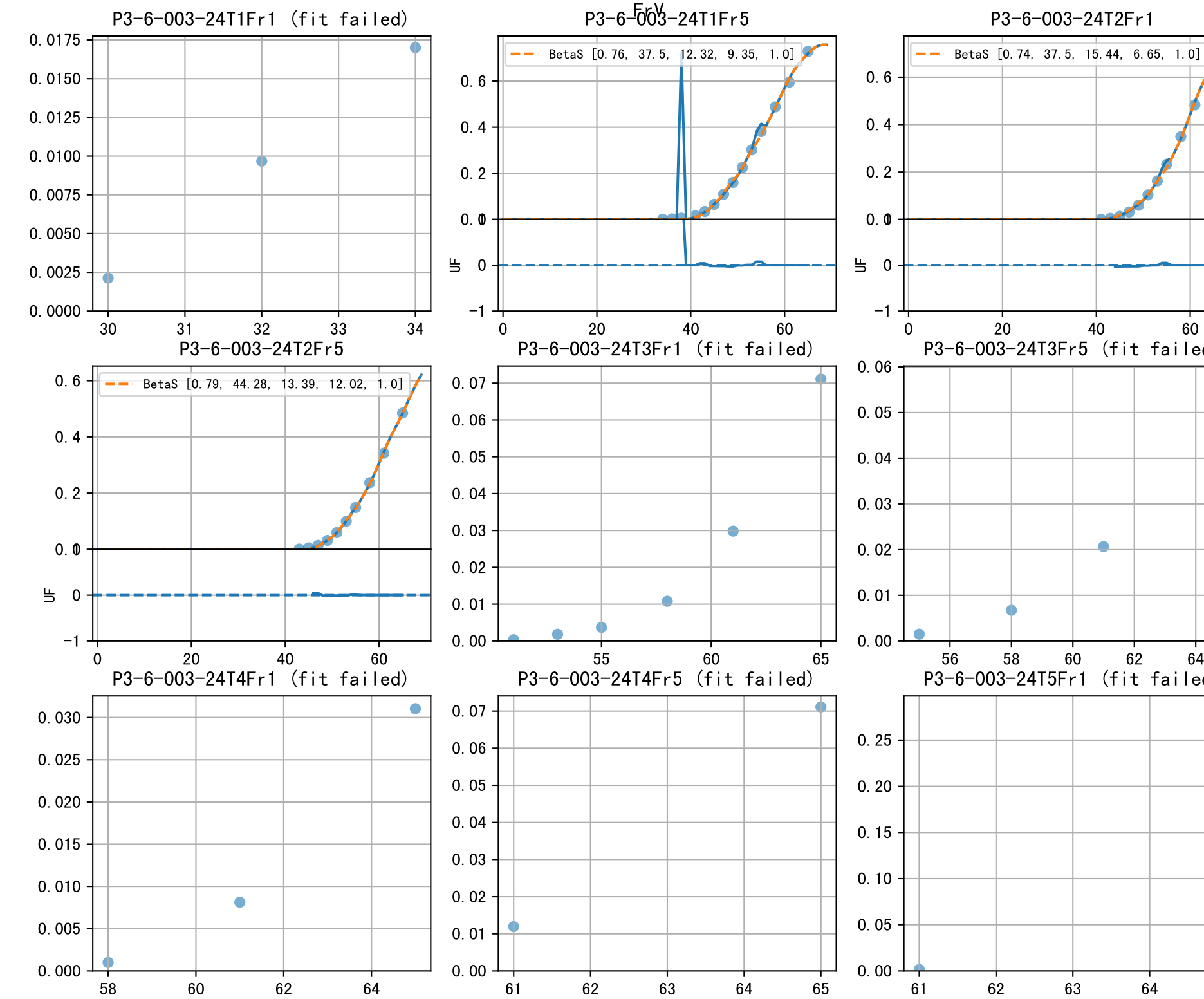


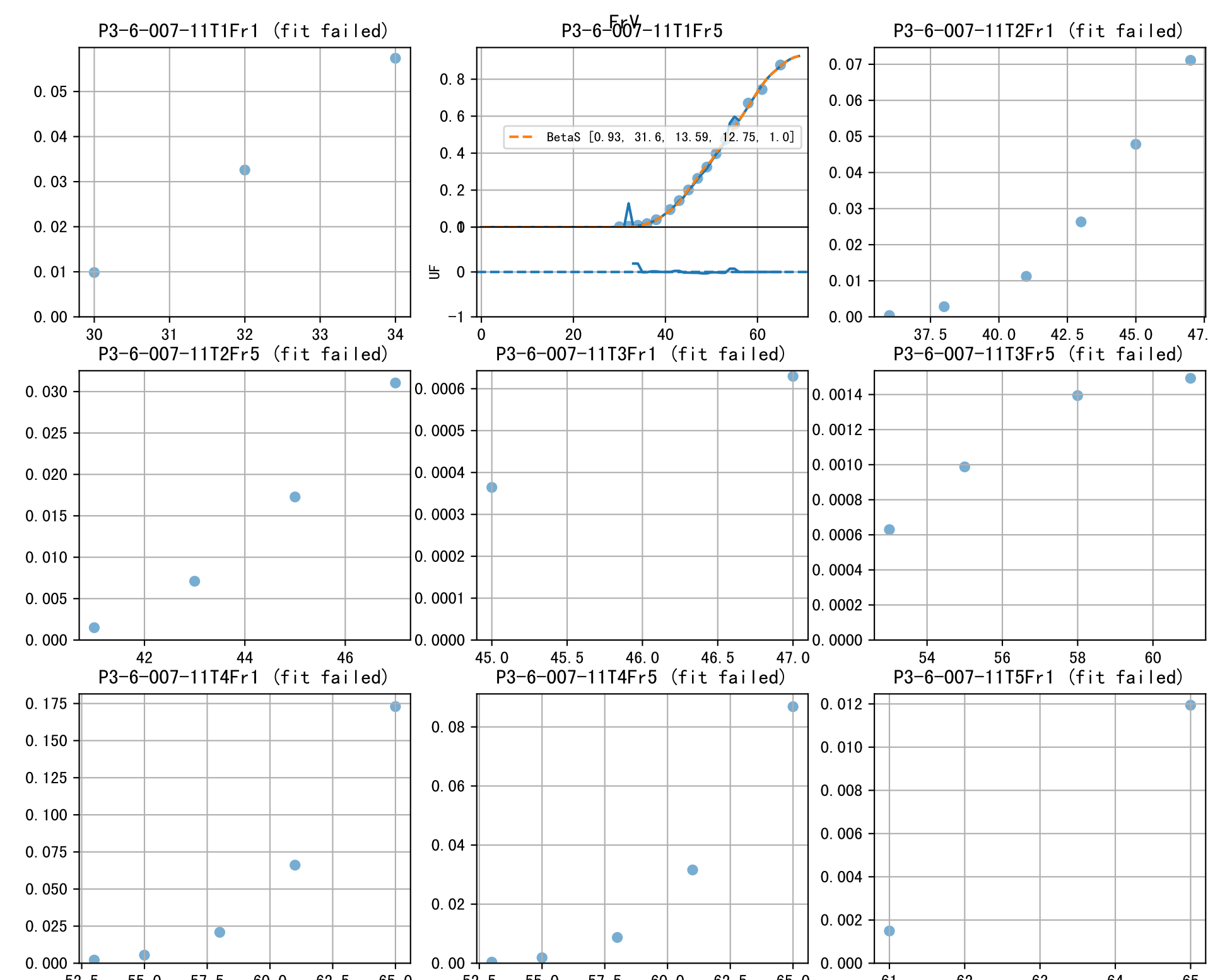
By Start Date

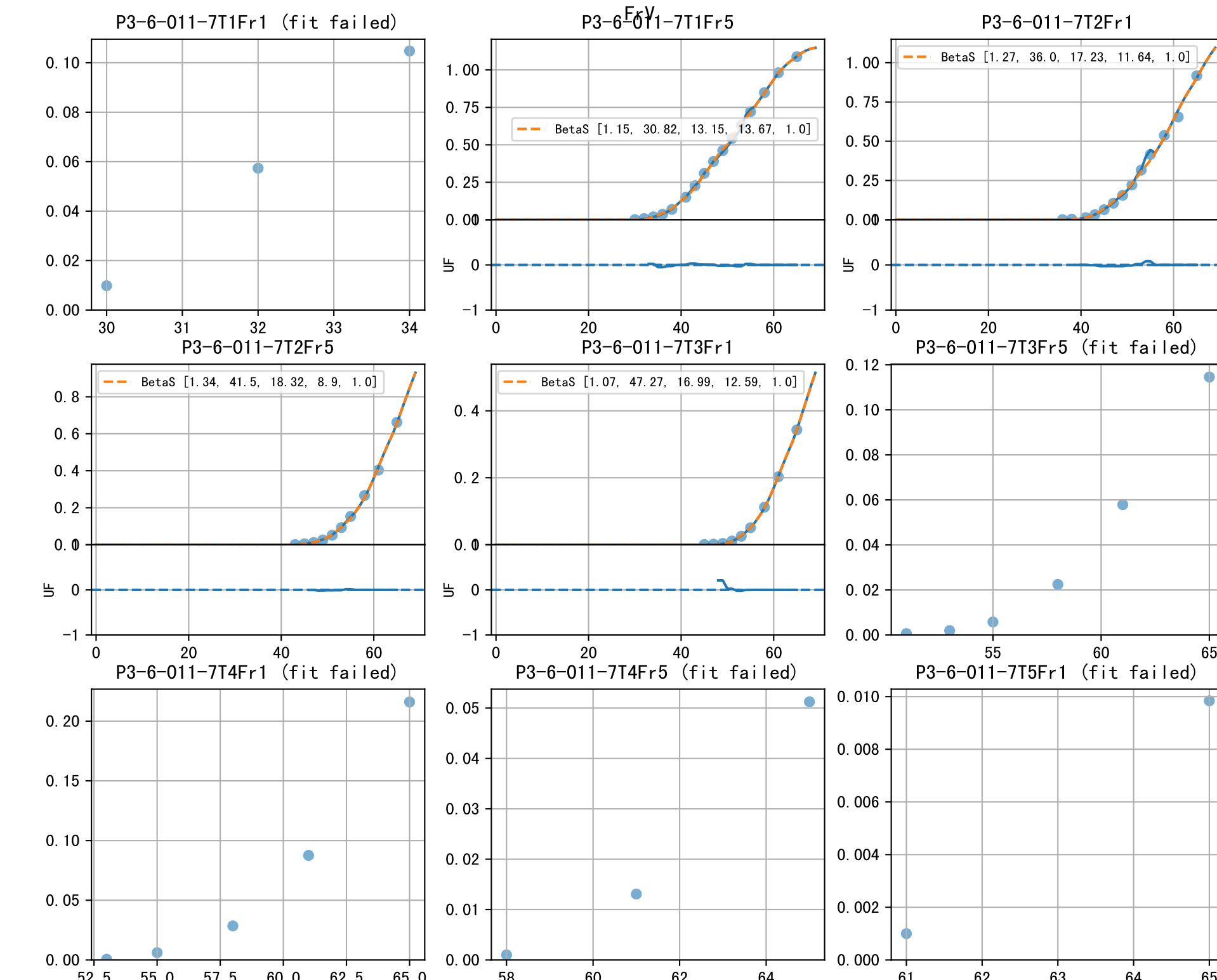


By Plant/Organ Age

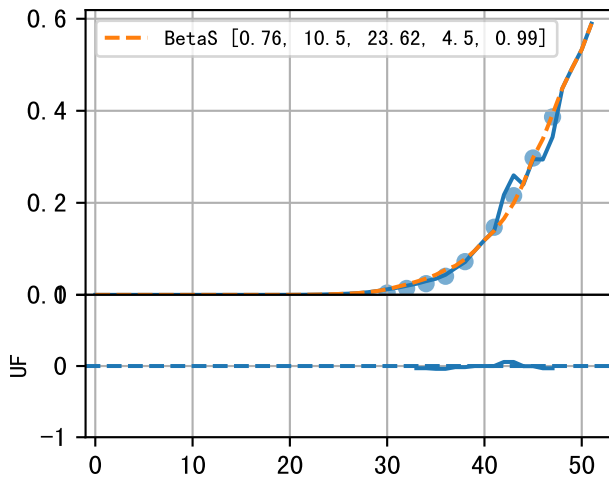




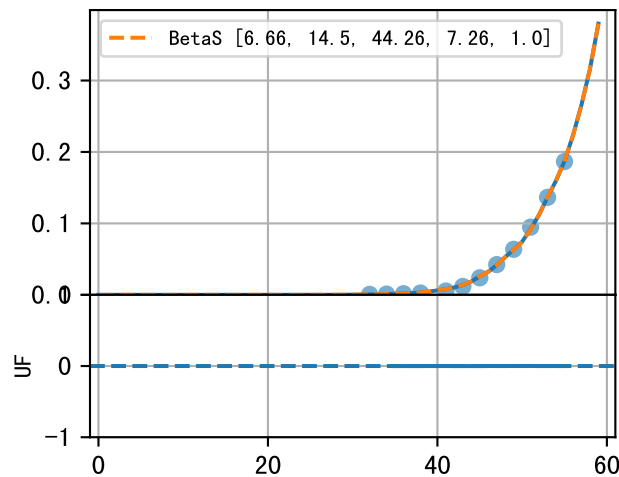




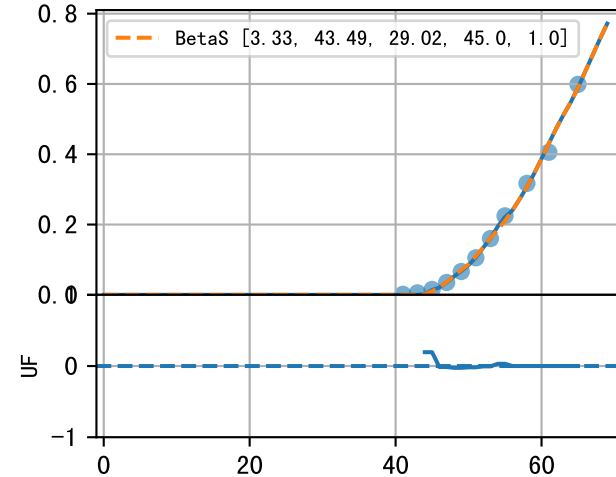
P3-6-015-30T1Fr1 (fit failed)



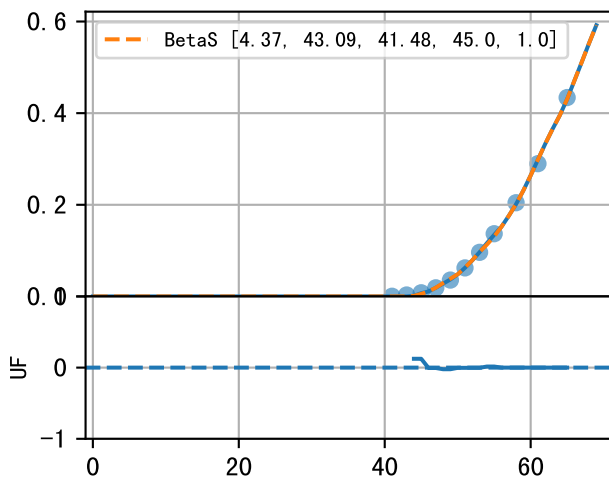
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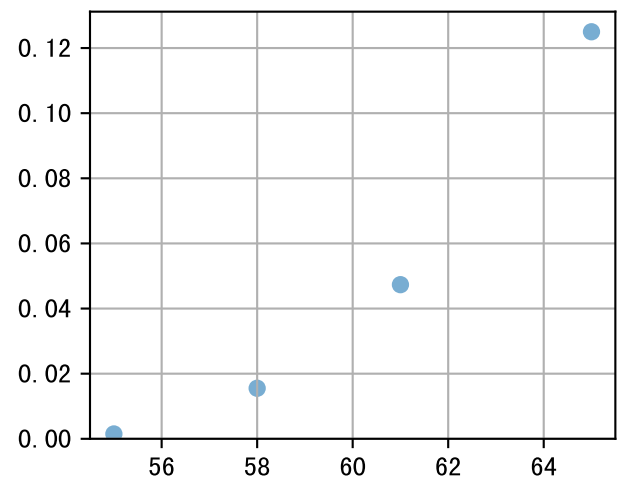
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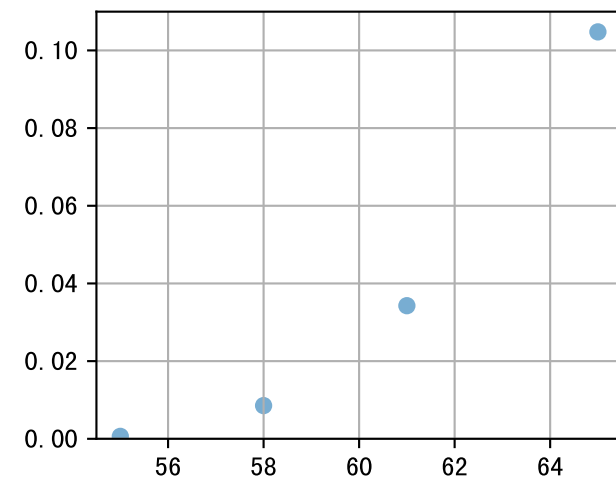
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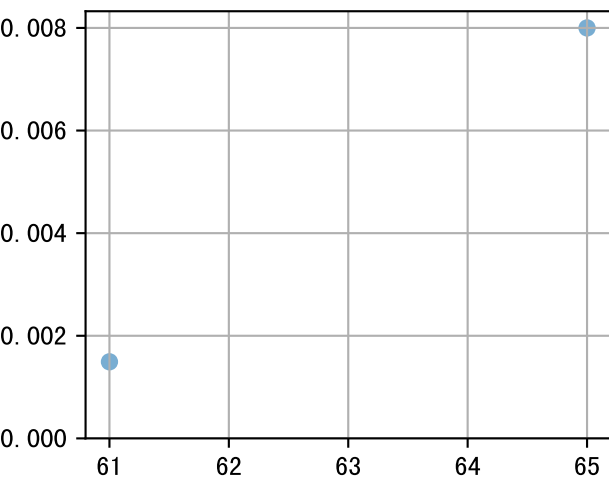
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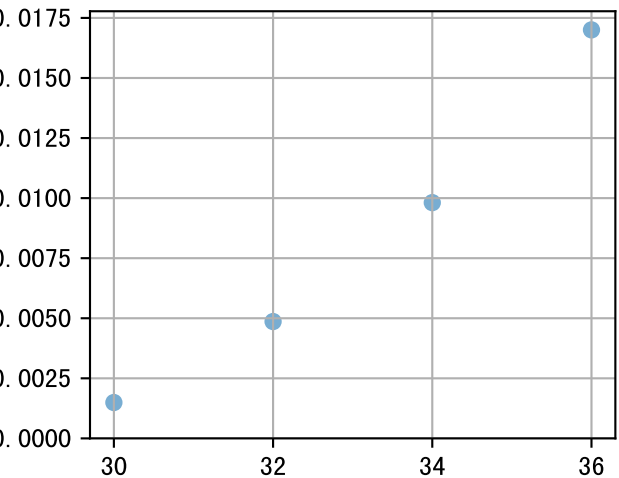
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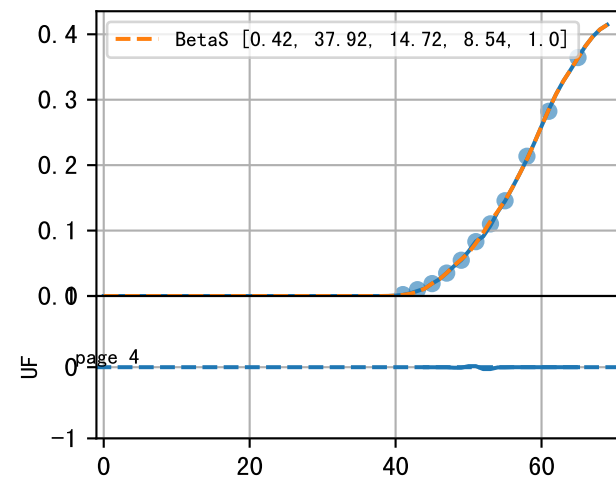
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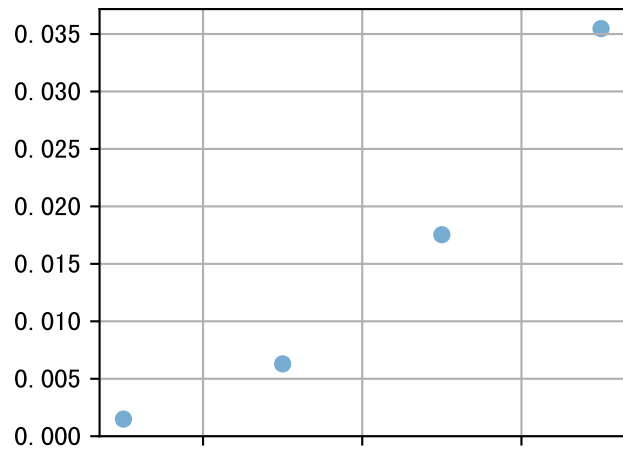
P3-6-019-12T1Fr1 (fit failed)



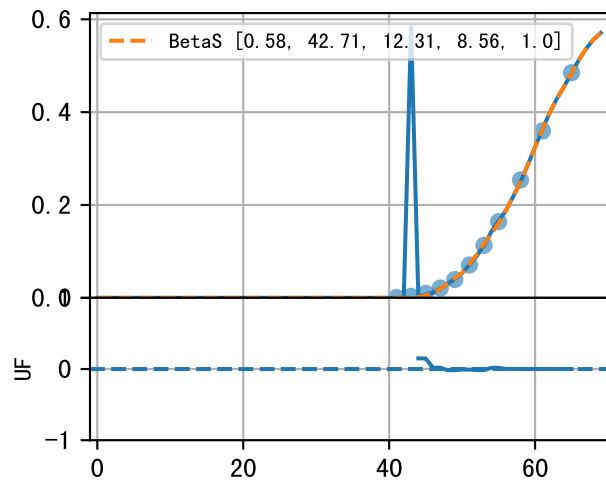
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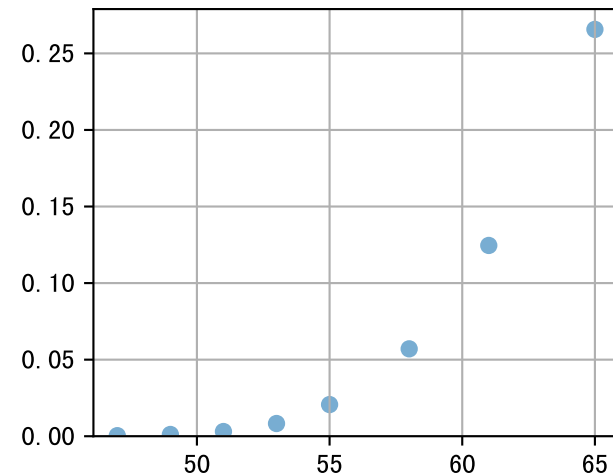
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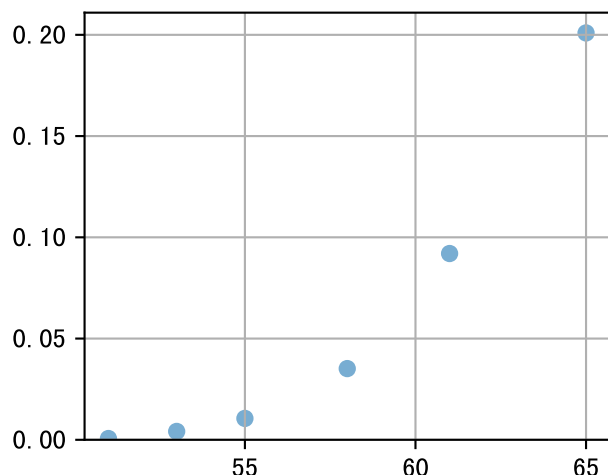
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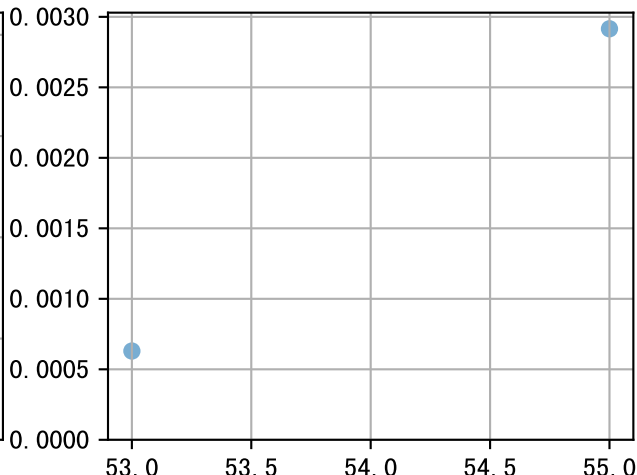
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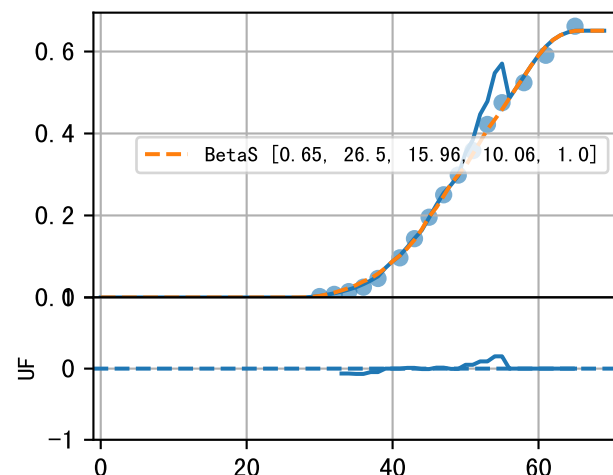
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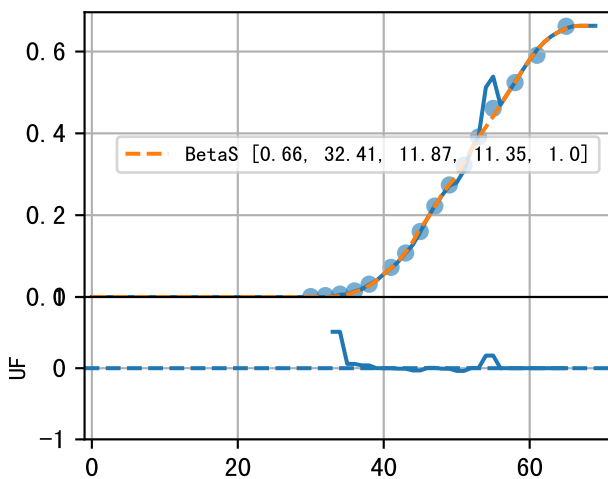
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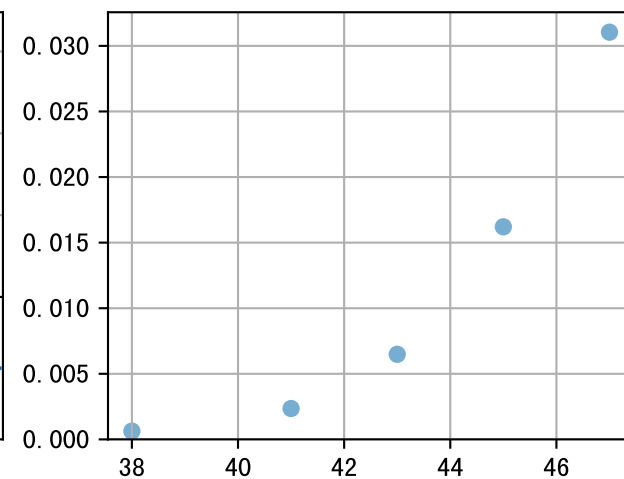
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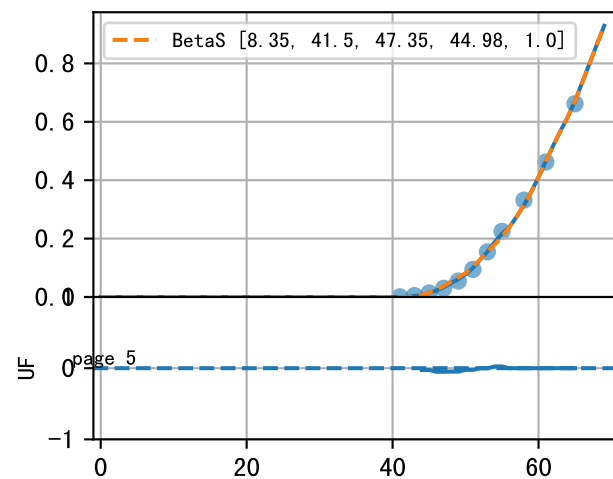
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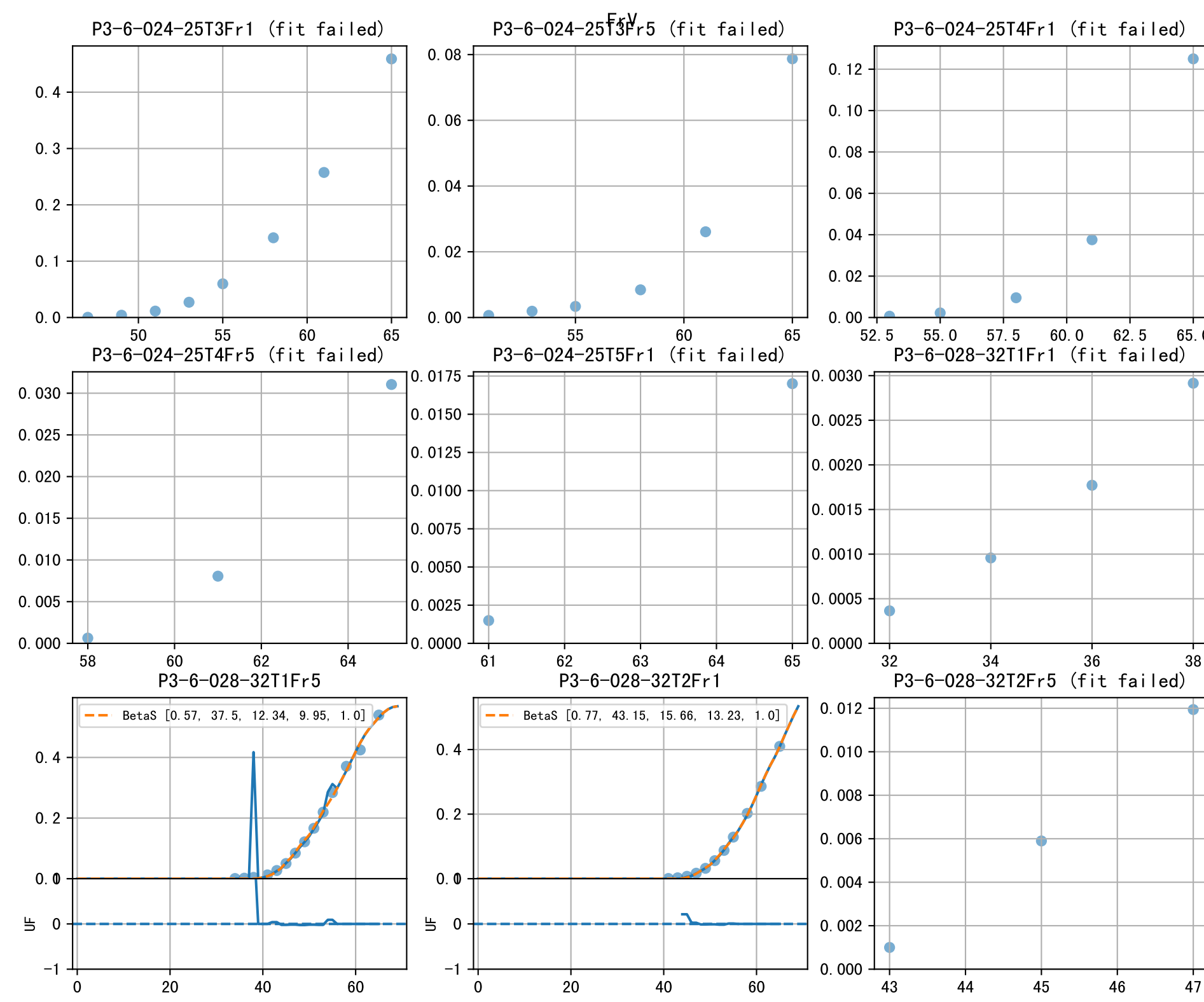


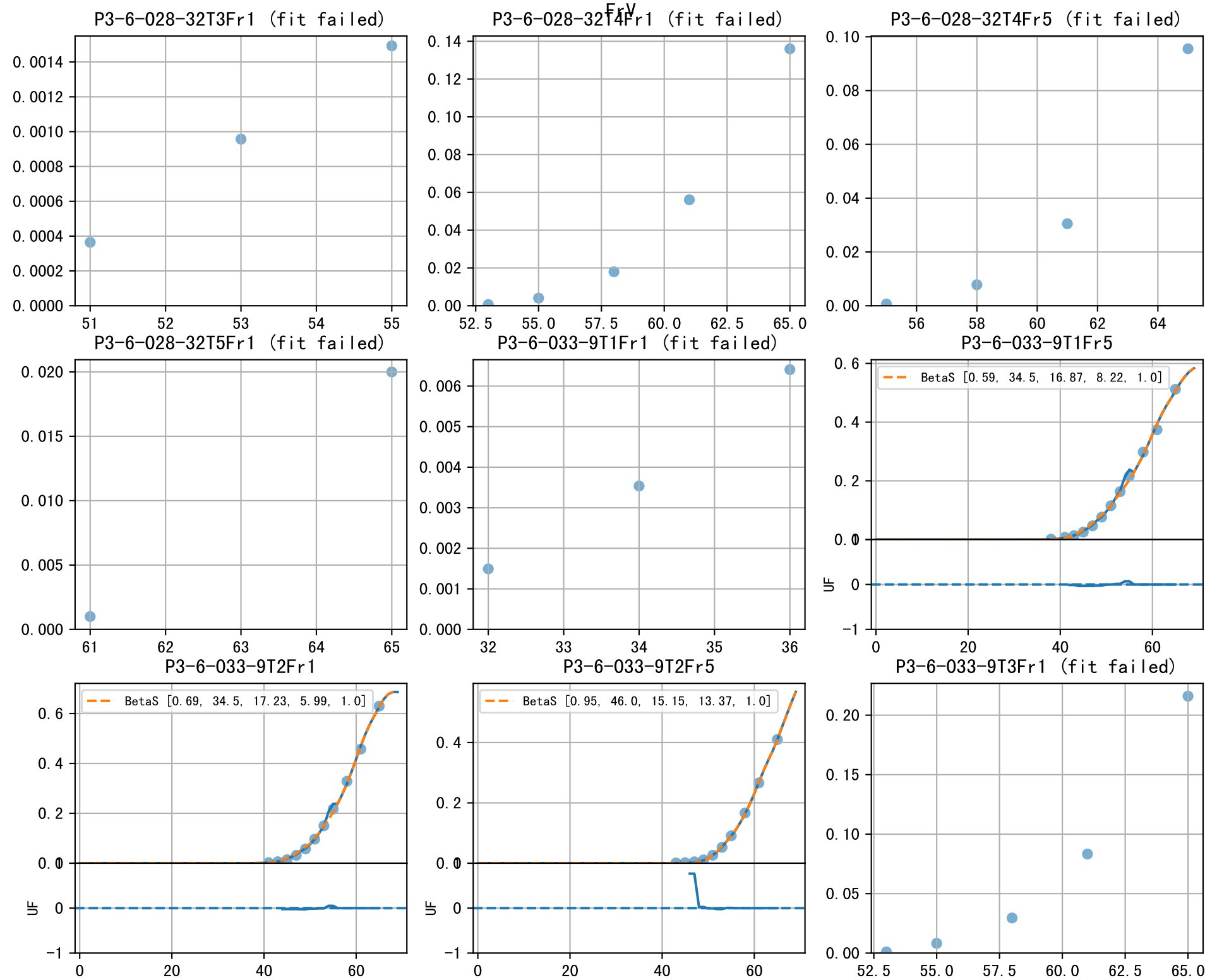
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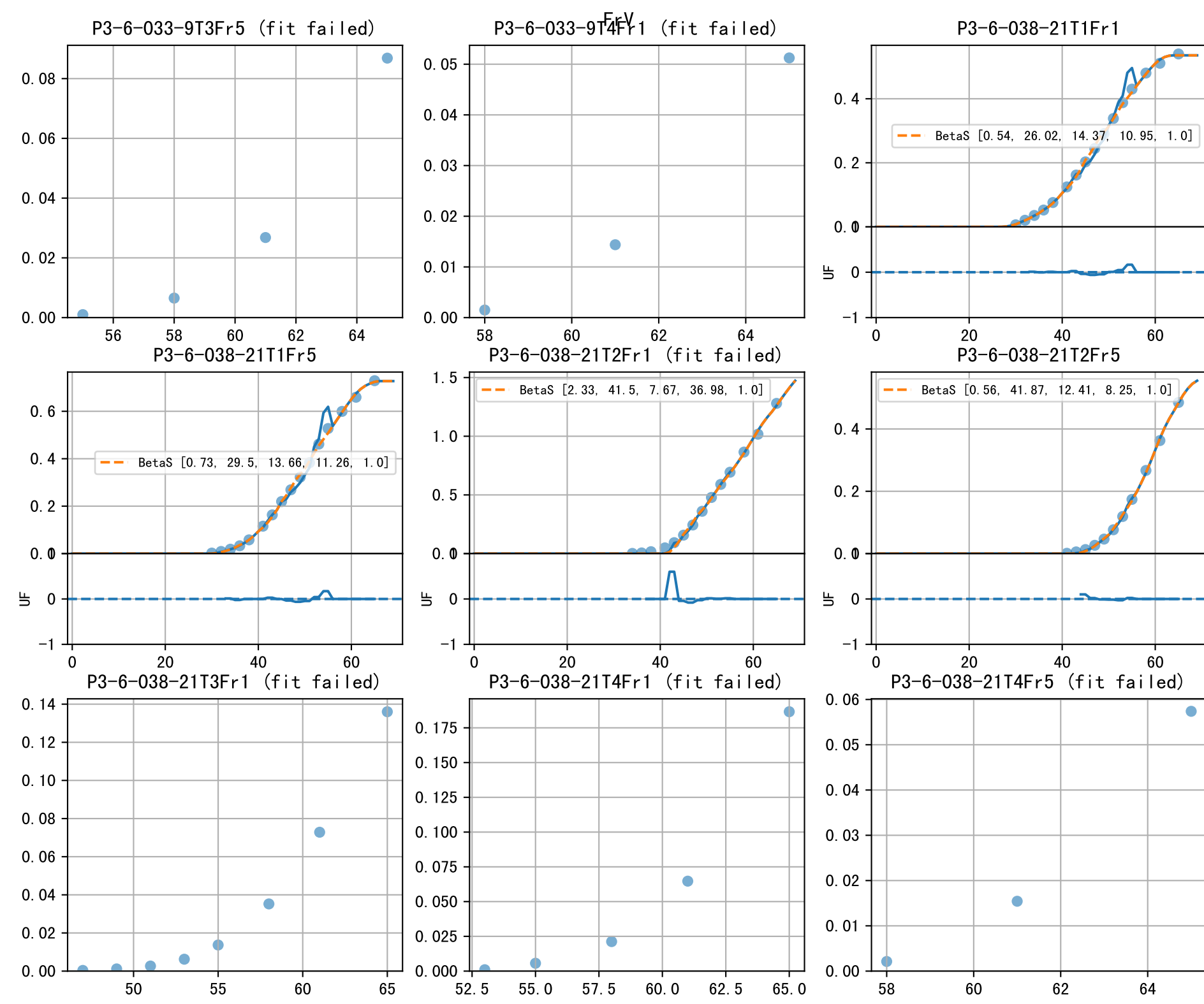


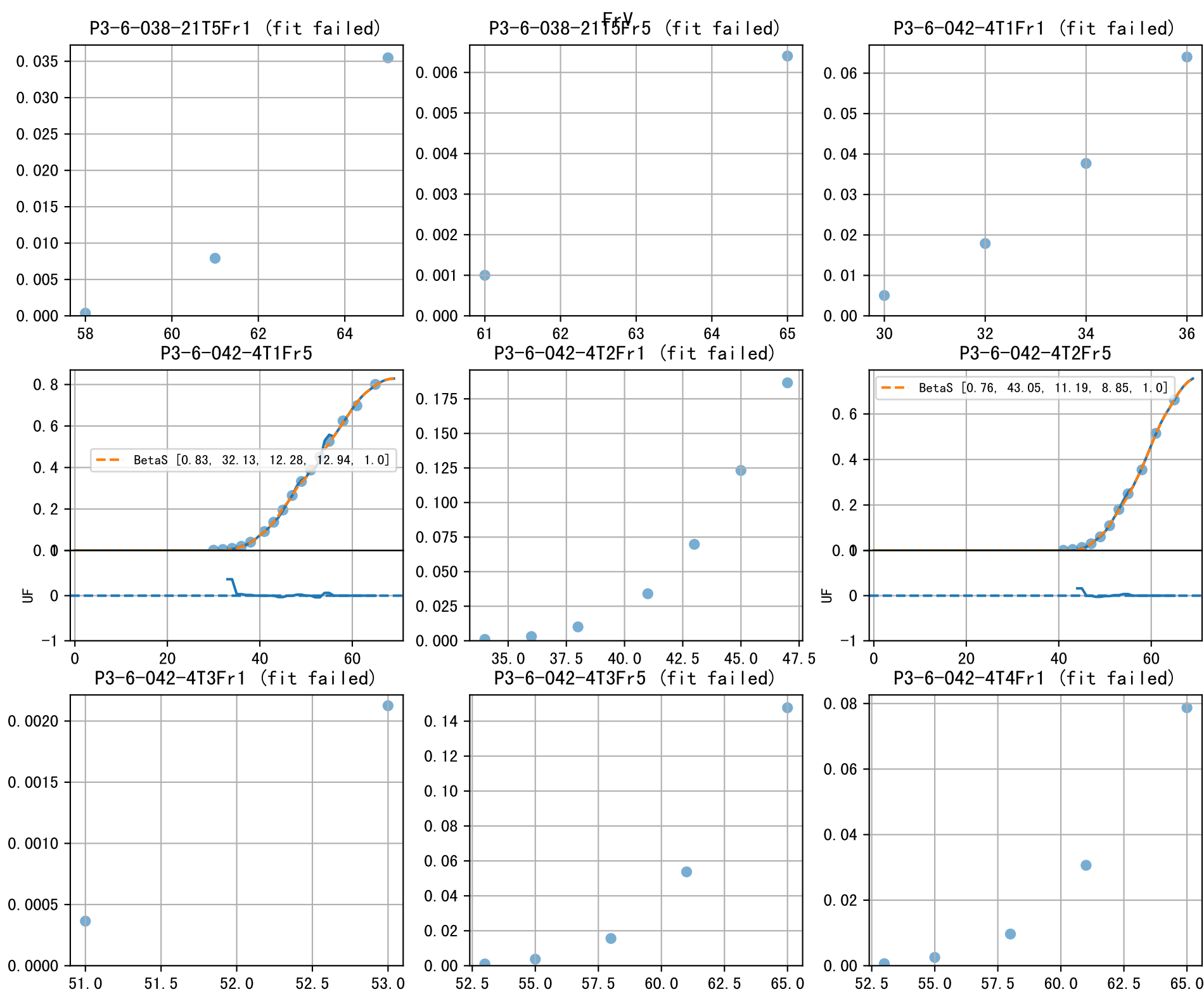
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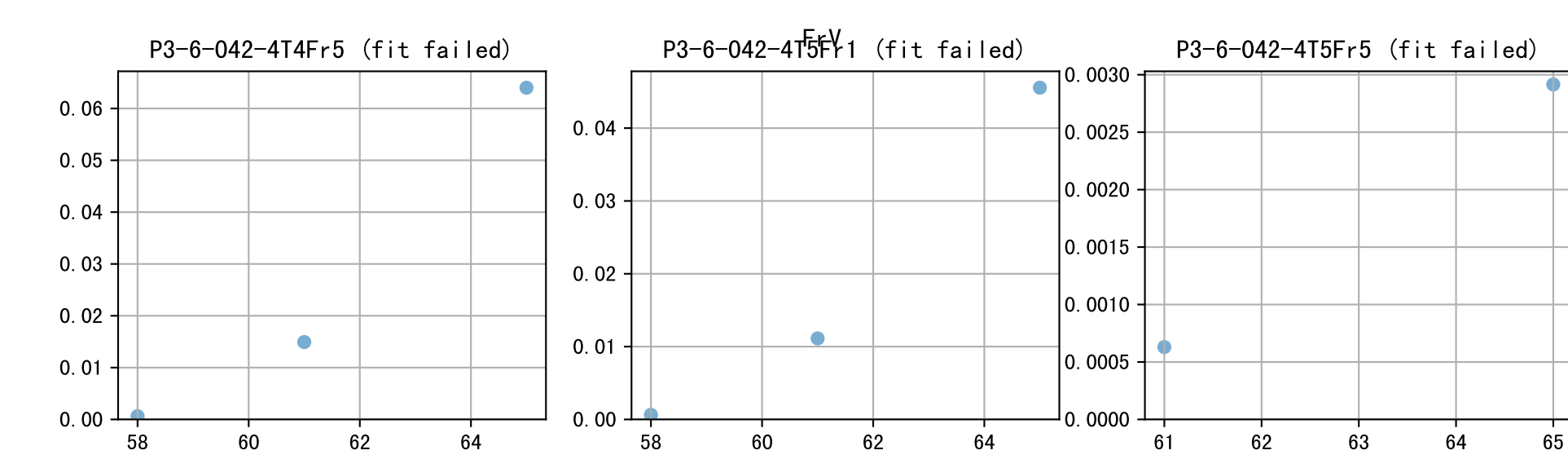


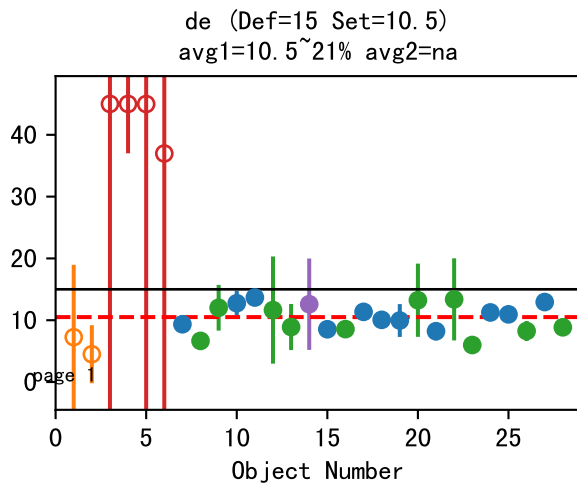
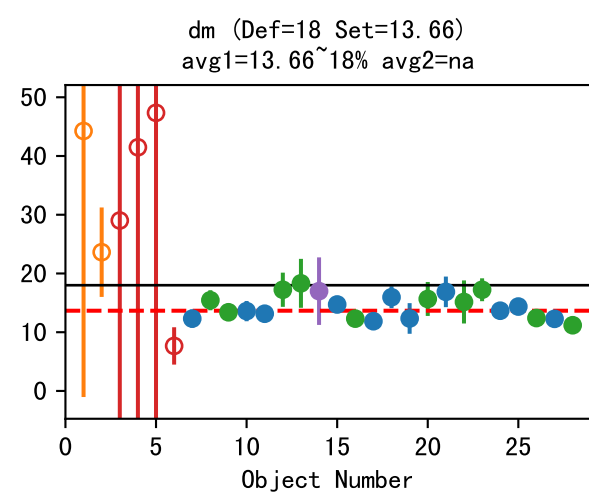
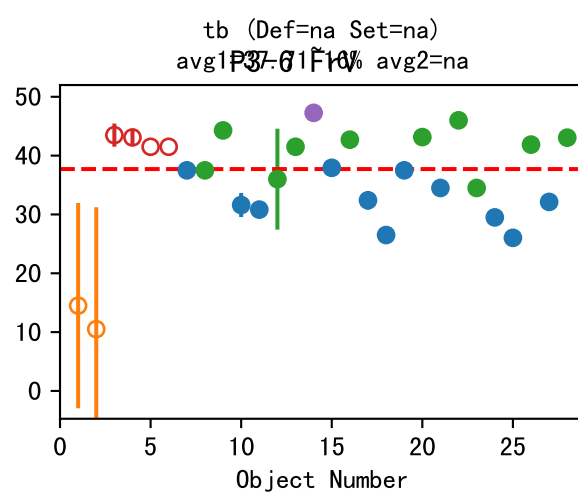
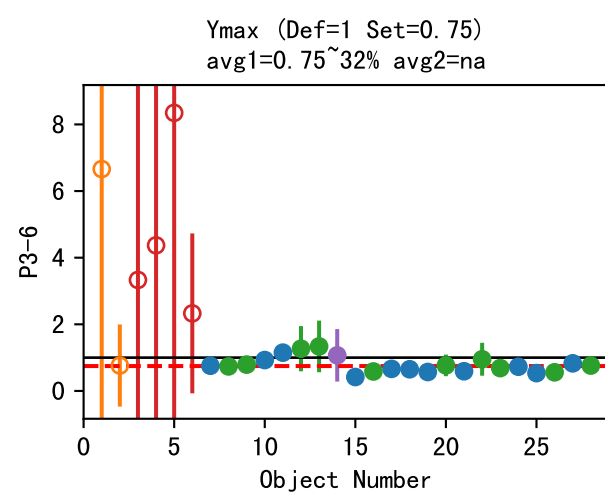




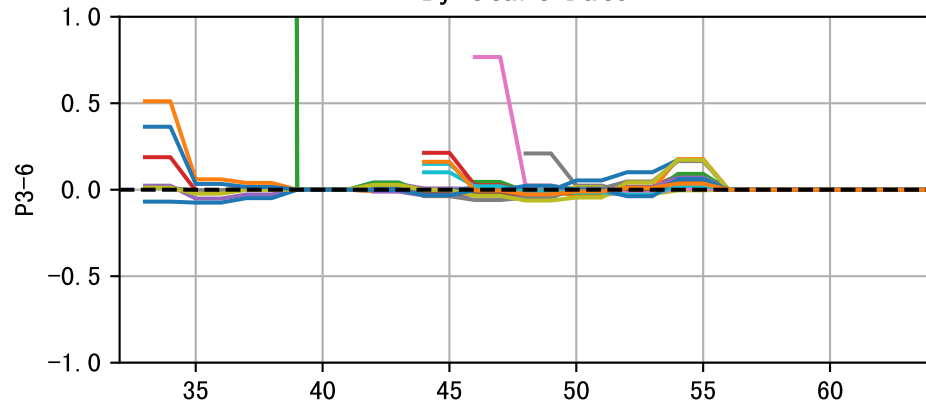




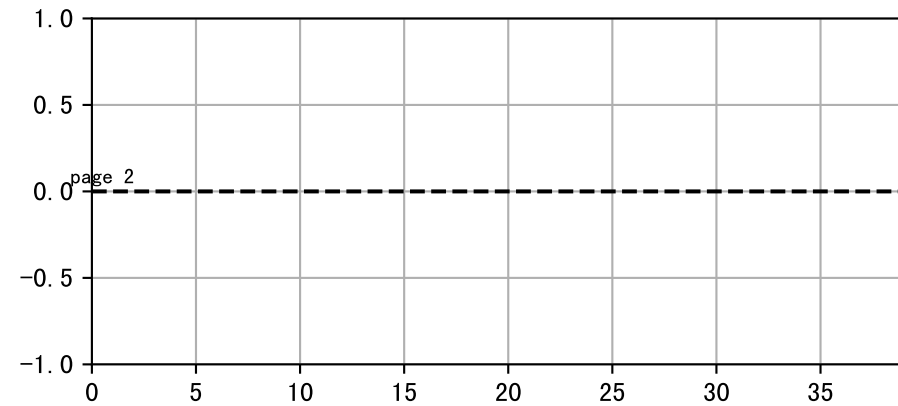
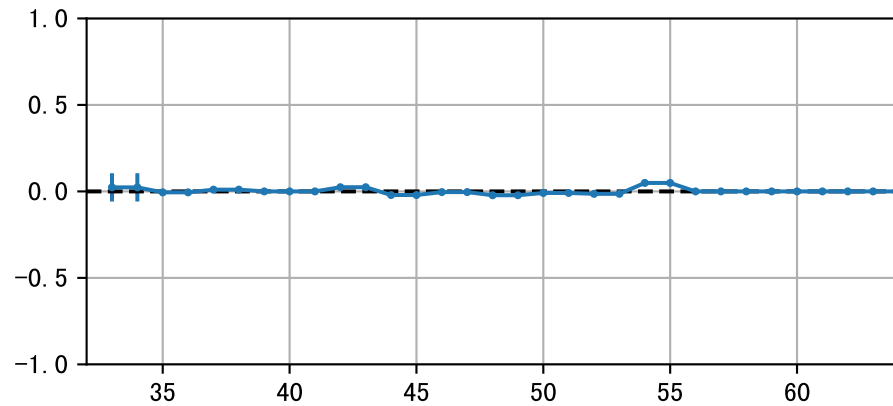
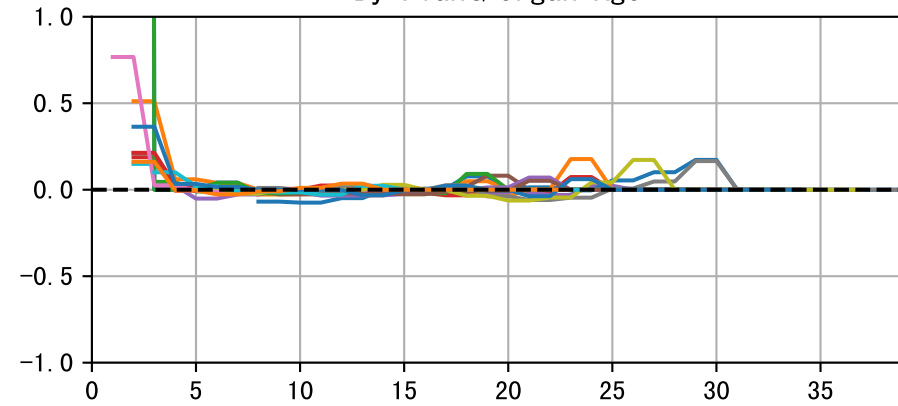


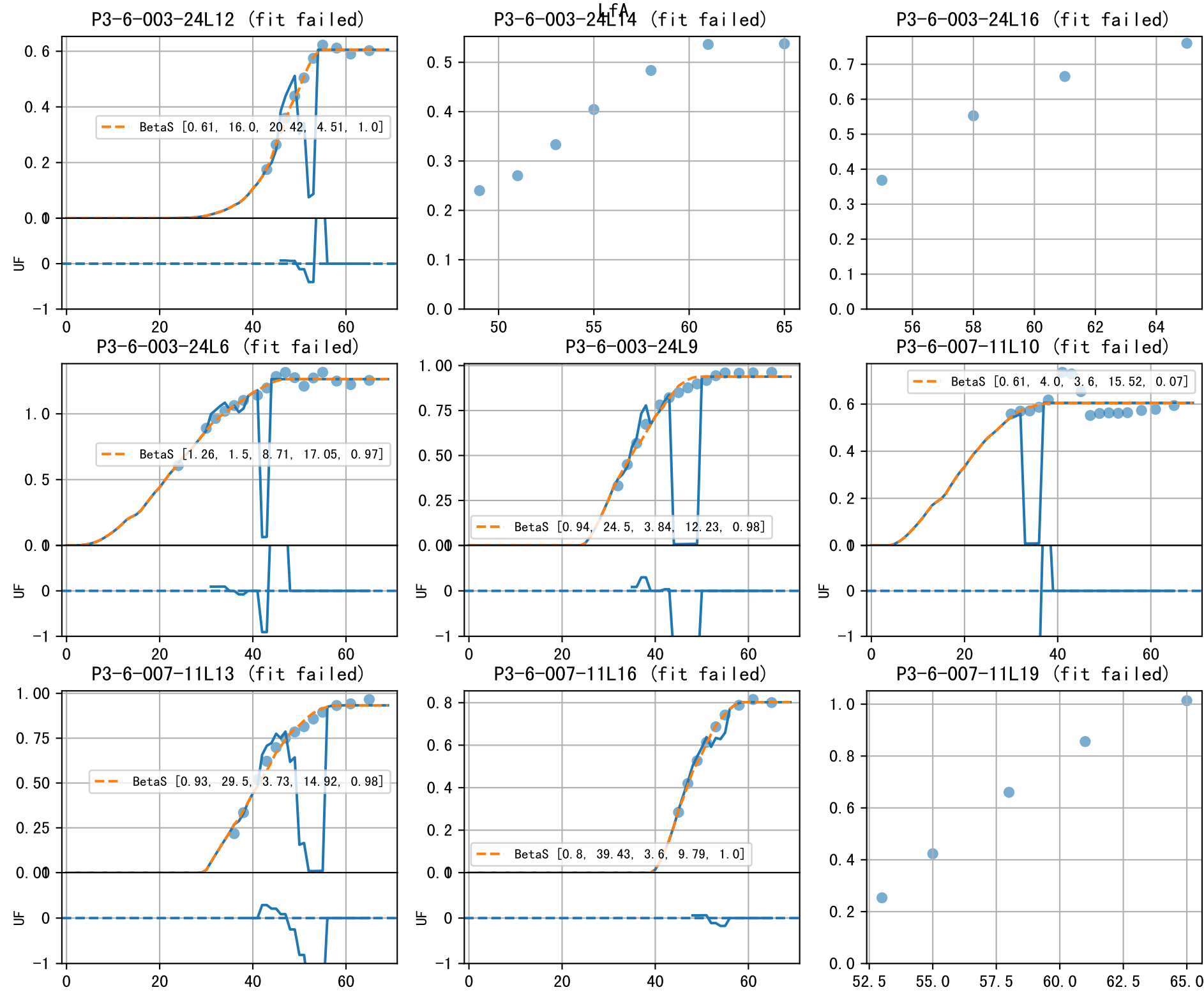


By Start Date

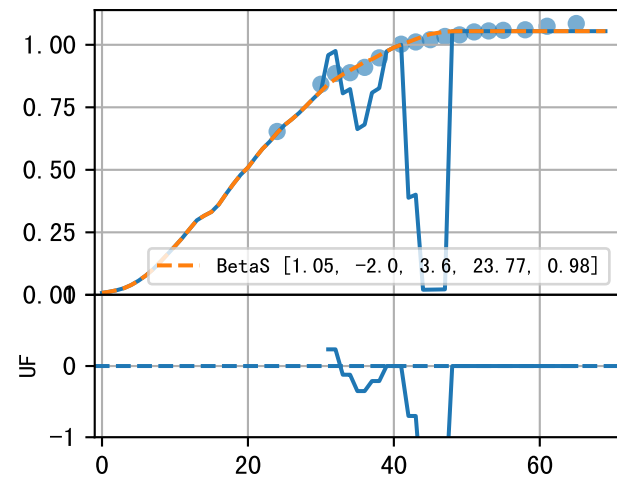


By Plant/Organ Age

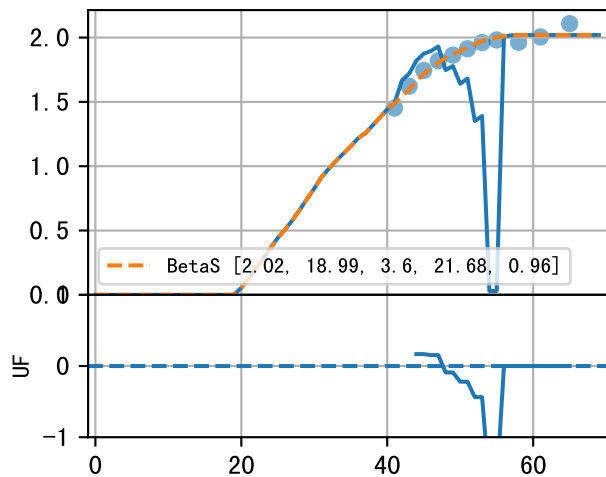




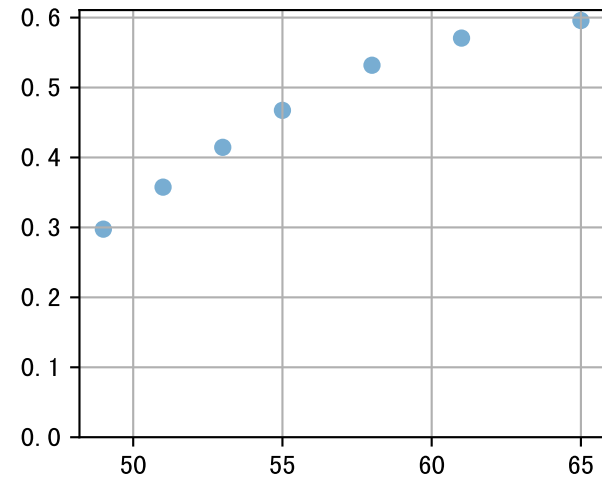
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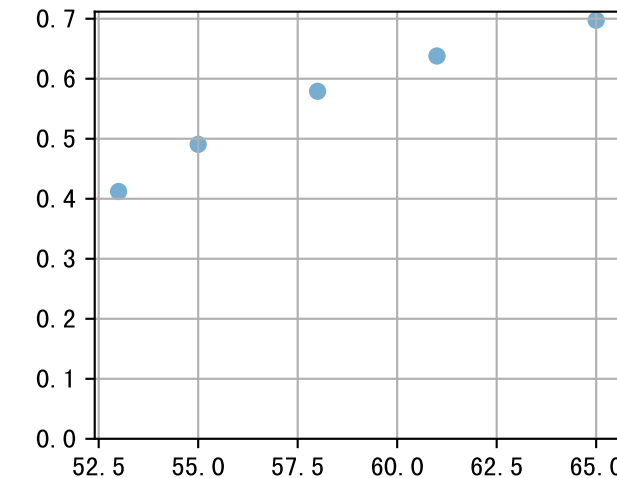
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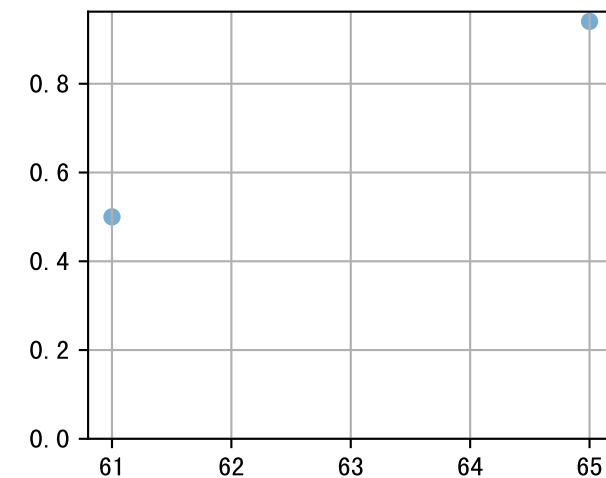
P3-6-011-7L15 (fit failed)



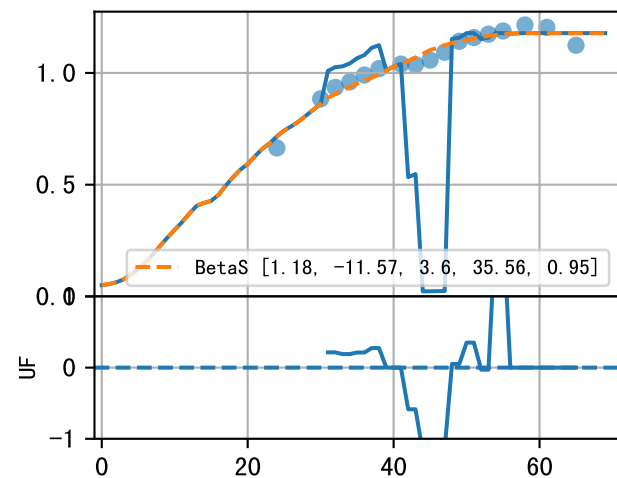
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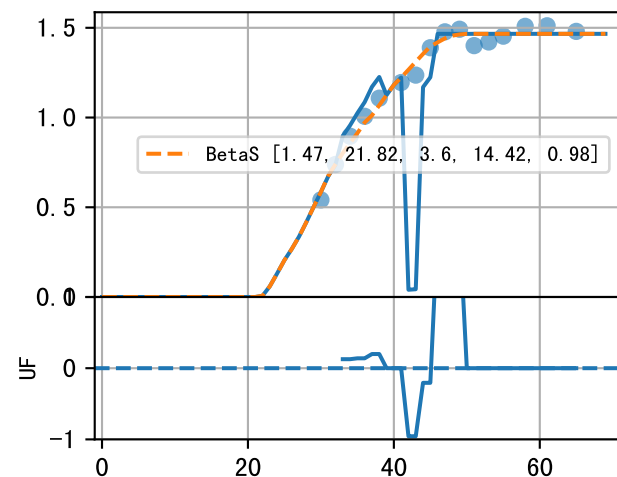
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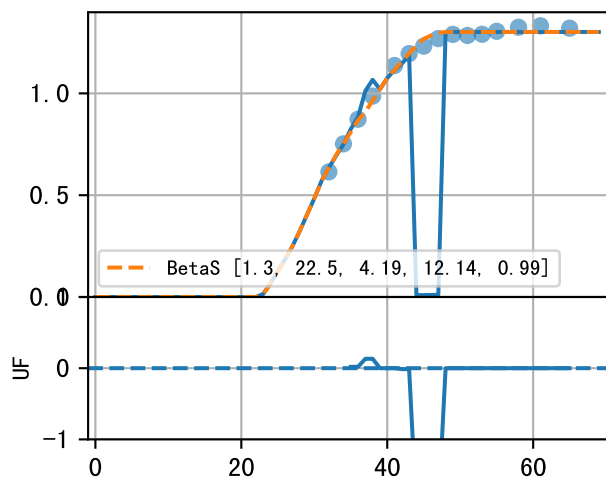
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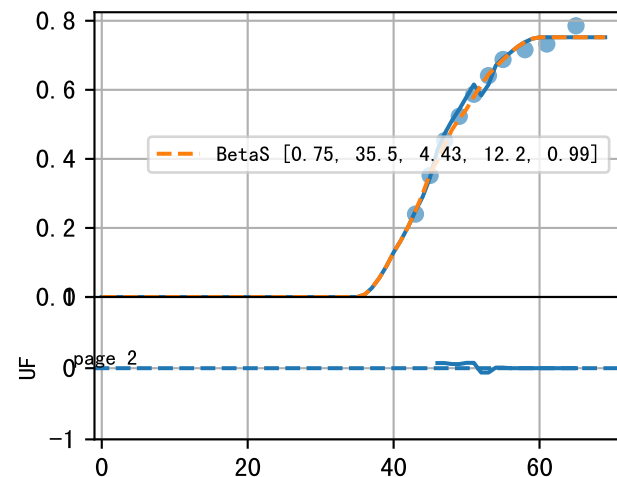
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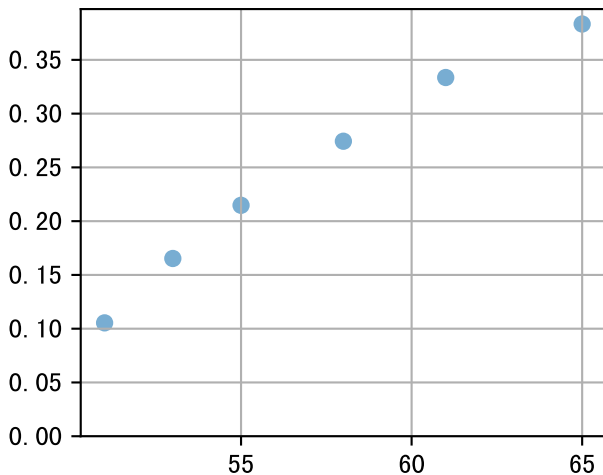
P3-6-015-30L10



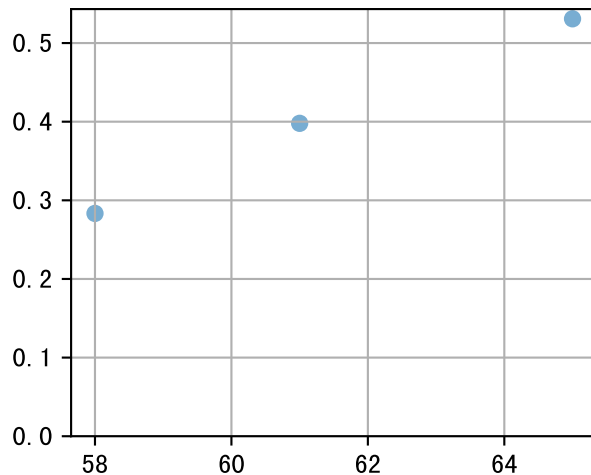
P3-6-015-30L13



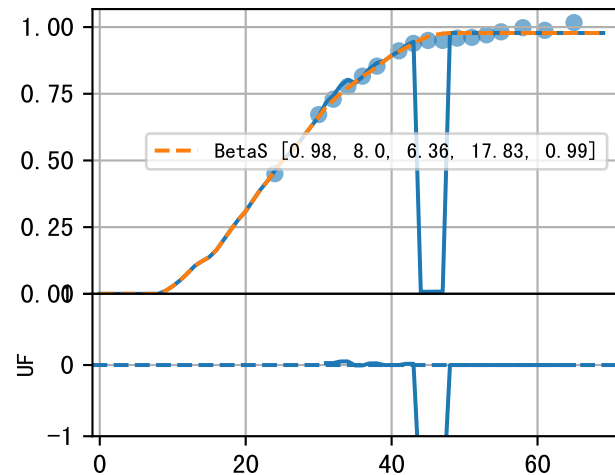
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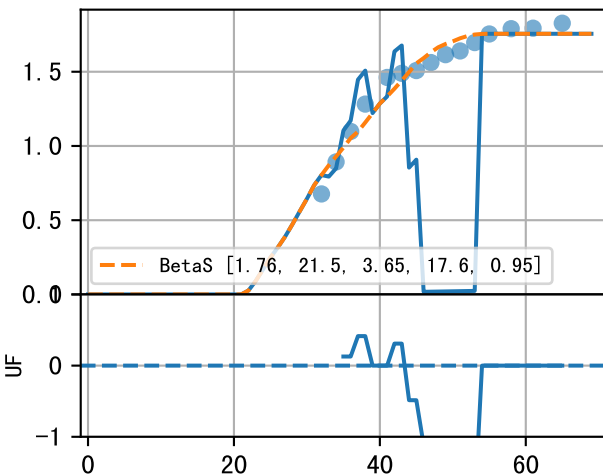
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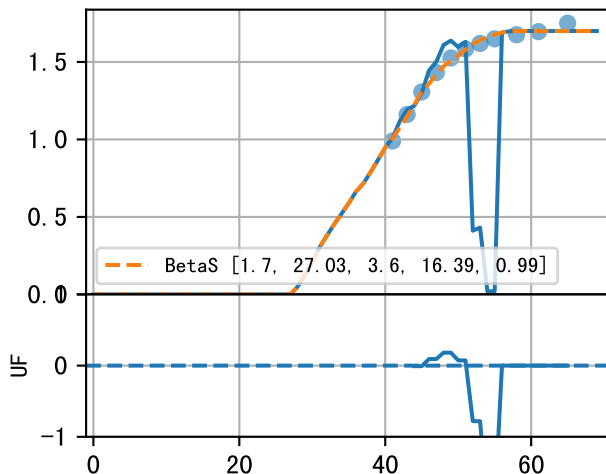
P3-6-015-30L6 (fit failed)



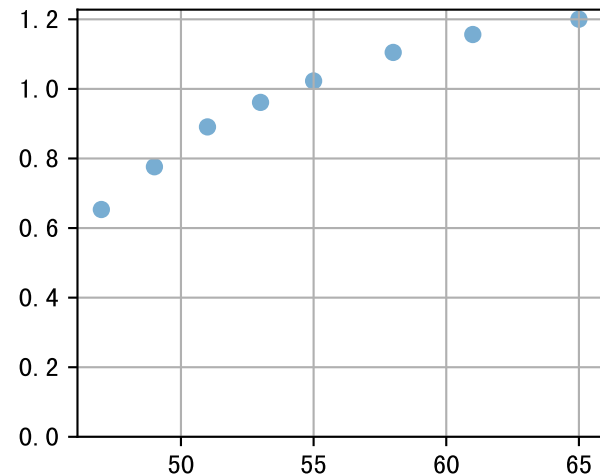
P3-6-019-12L10 (fit failed)



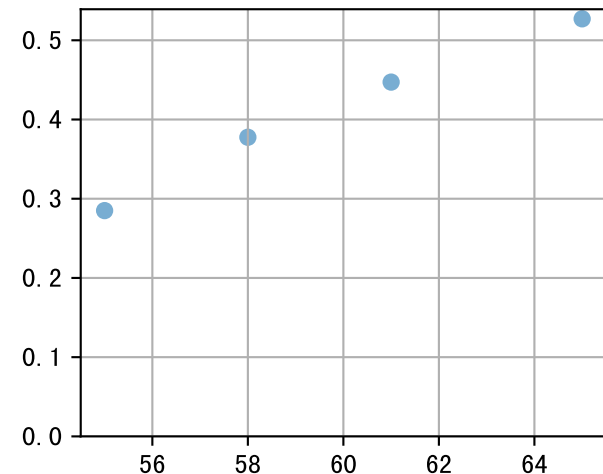
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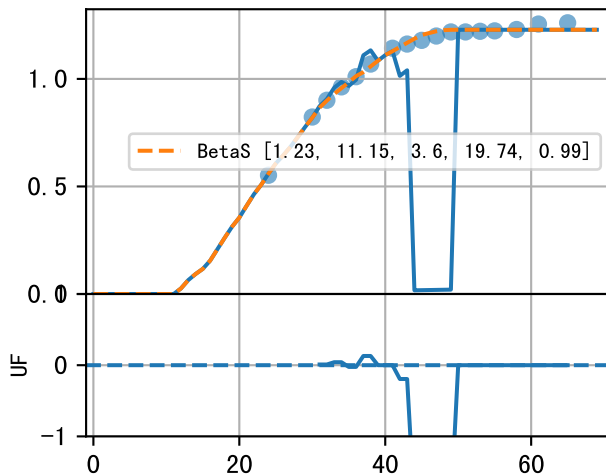
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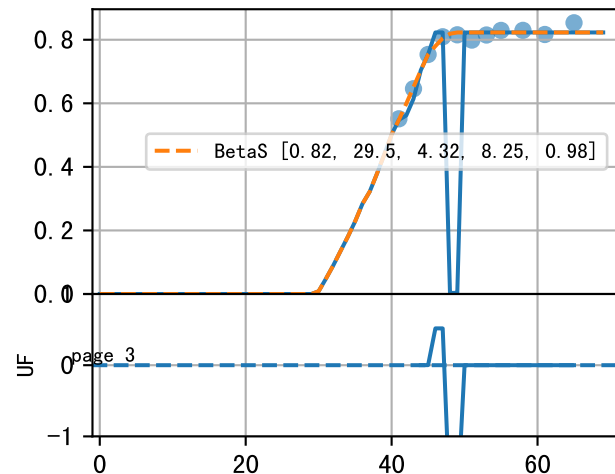
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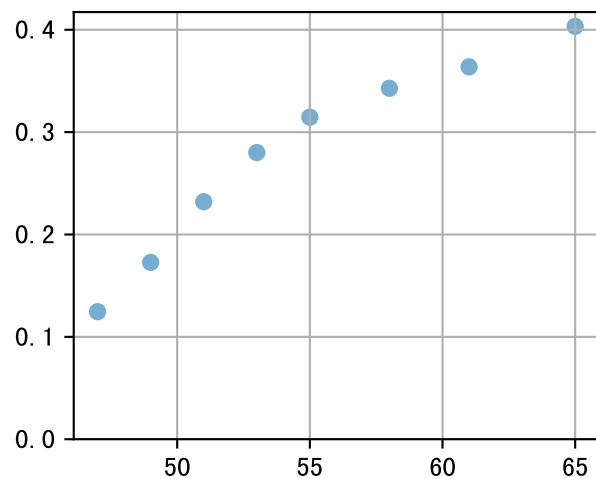
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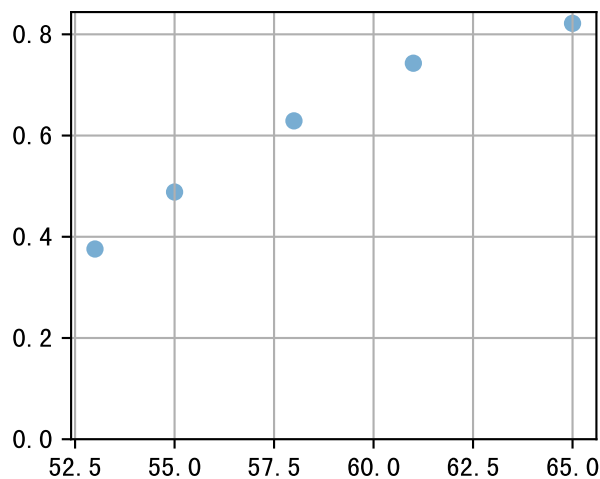
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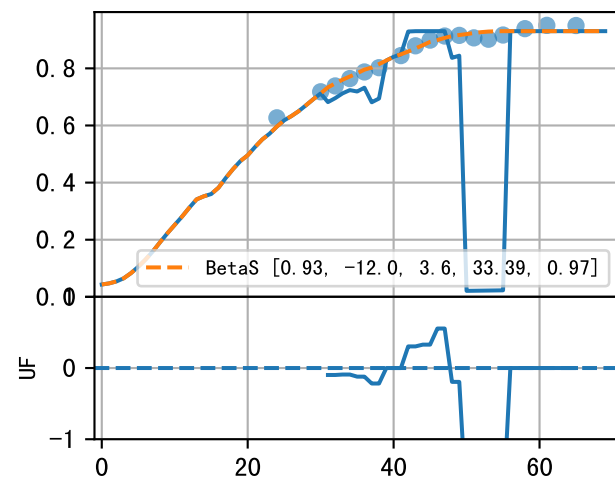
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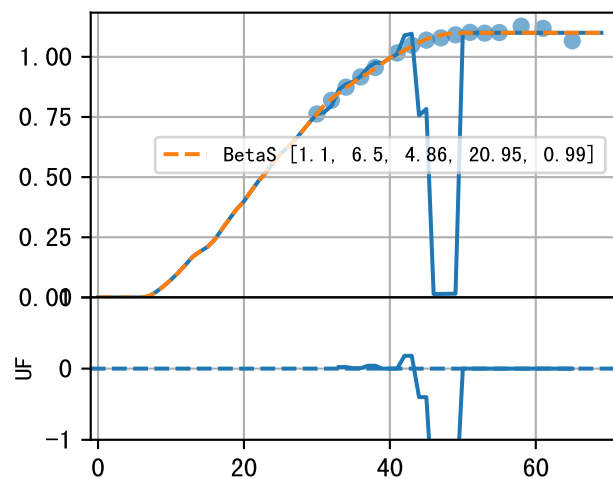
P3-6-024-25L17 (fit failed)



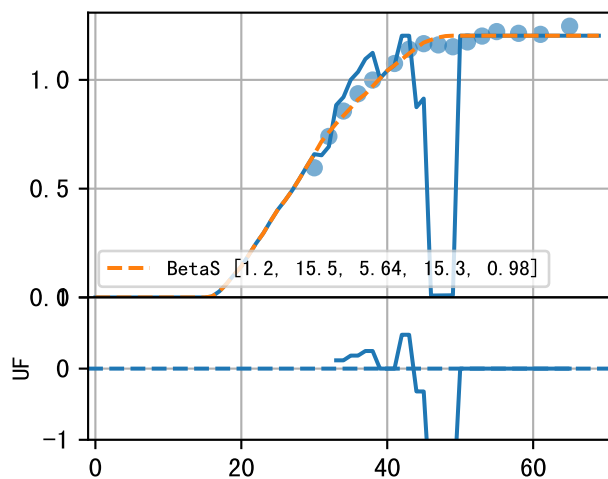
P3-6-024-25L6 (fit failed)



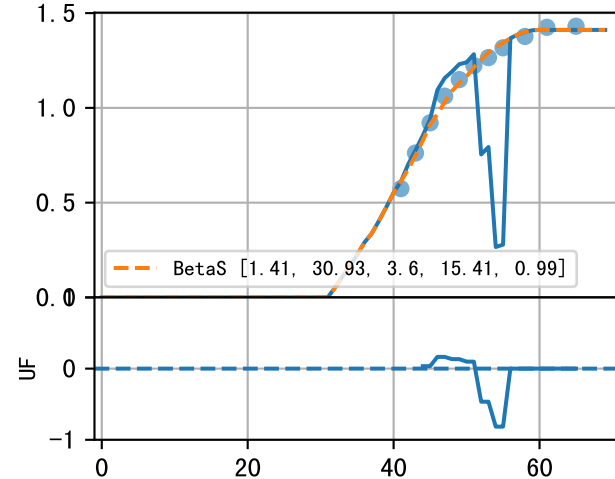
P3-6-024-25L9 (fit failed)



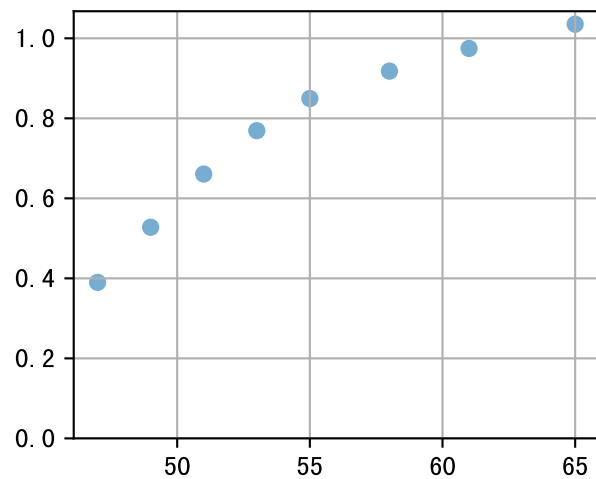
P3-6-028-32L10 (fit failed)



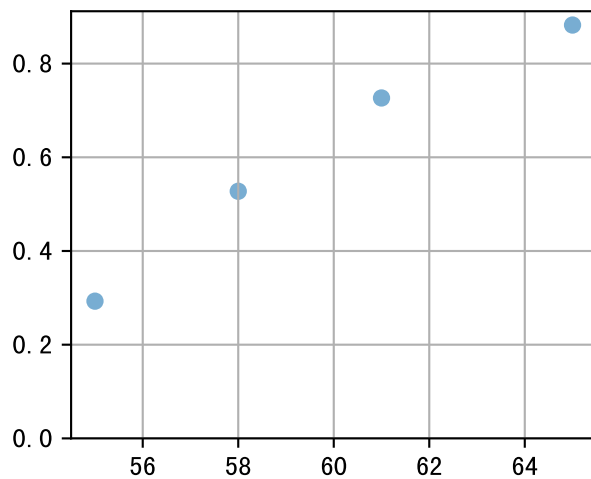
P3-6-028-32L13 (fit failed)



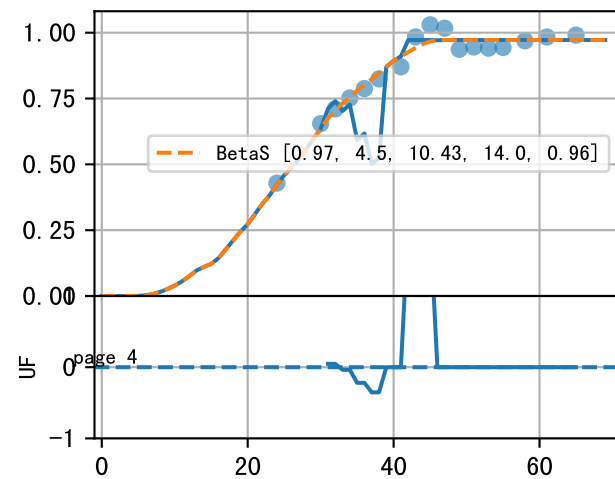
P3-6-028-32L16 (fit failed)

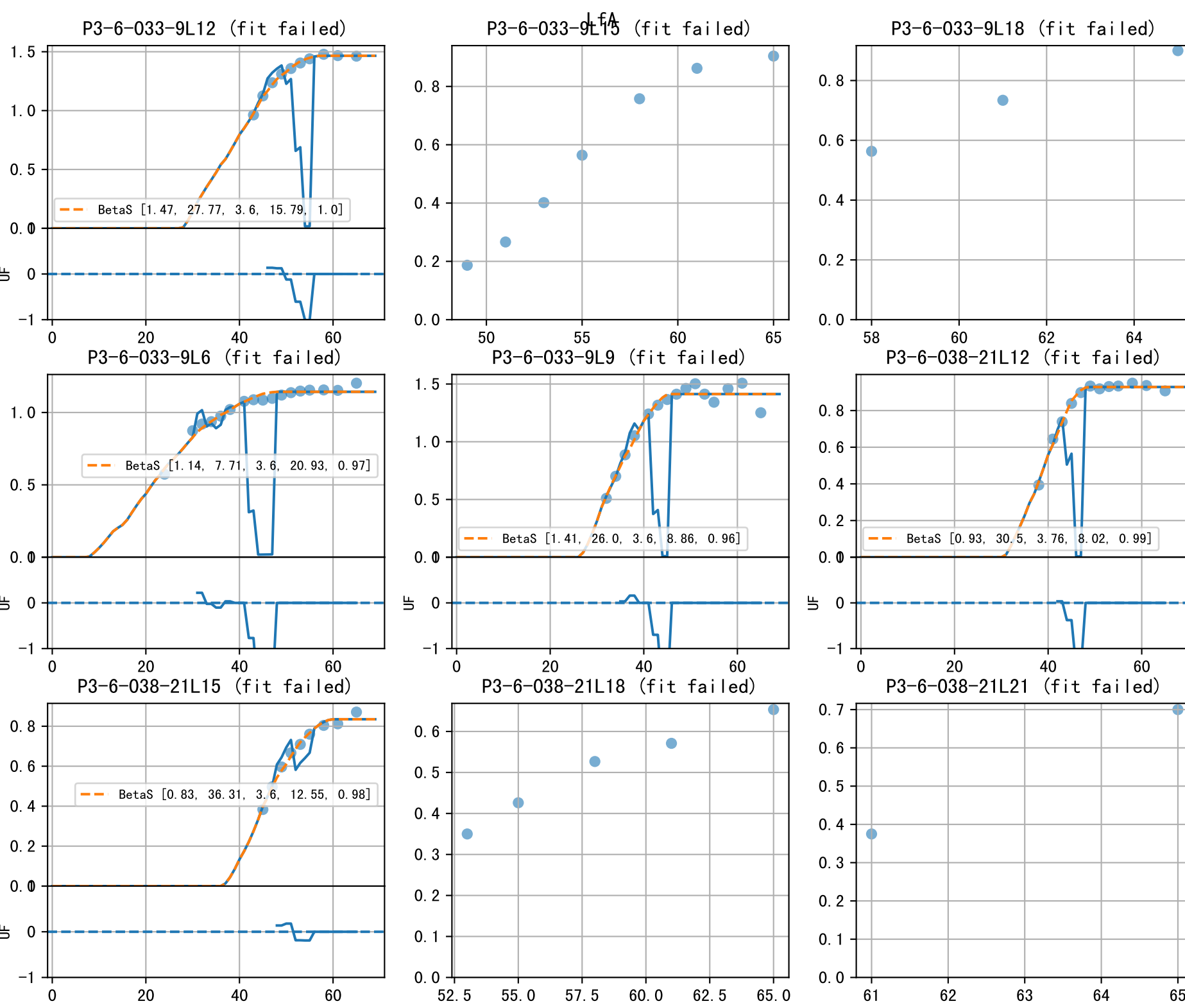


P3-6-028-32L19 (fit failed)

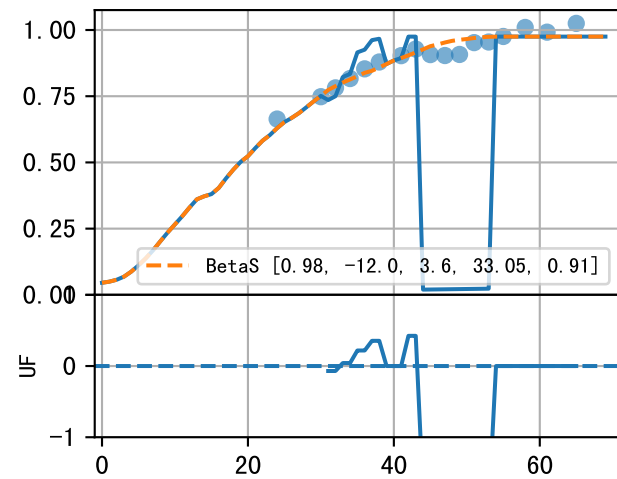


P3-6-028-32L7 (fit failed)

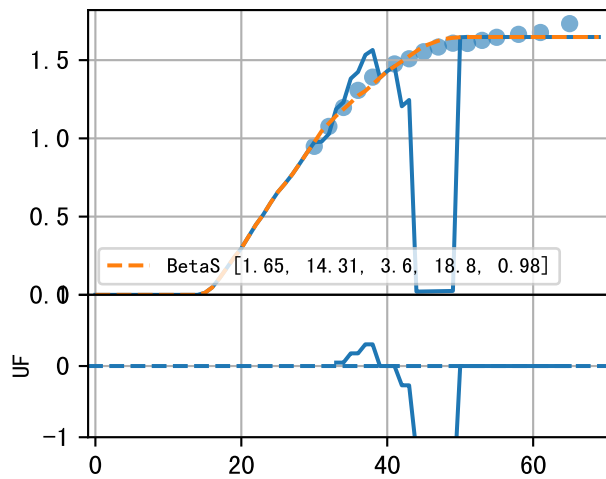




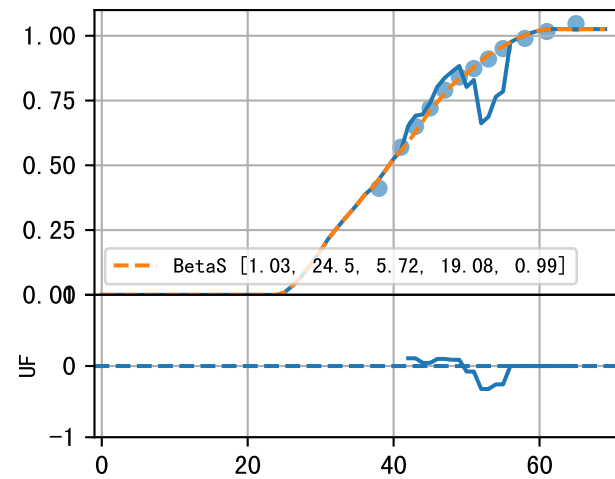
P3-6-038-21L6 (fit failed)



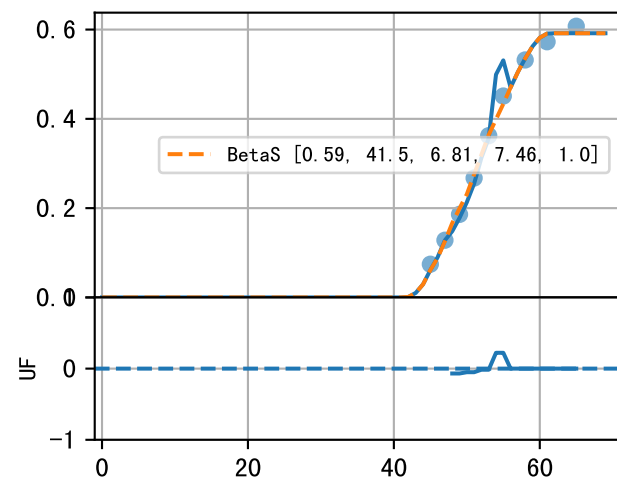
P3-6-038-21L9 (fit failed)



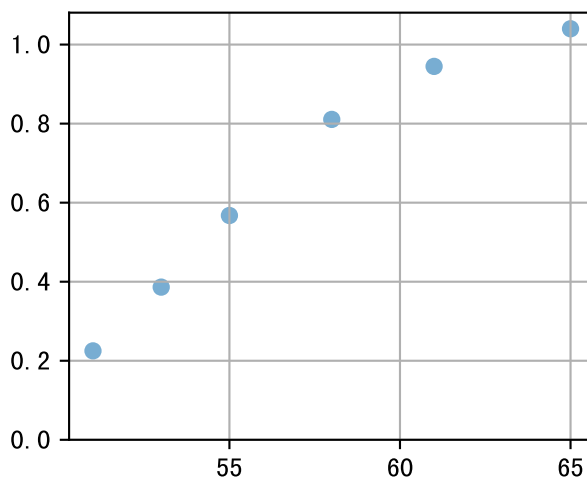
P3-6-042-4L12



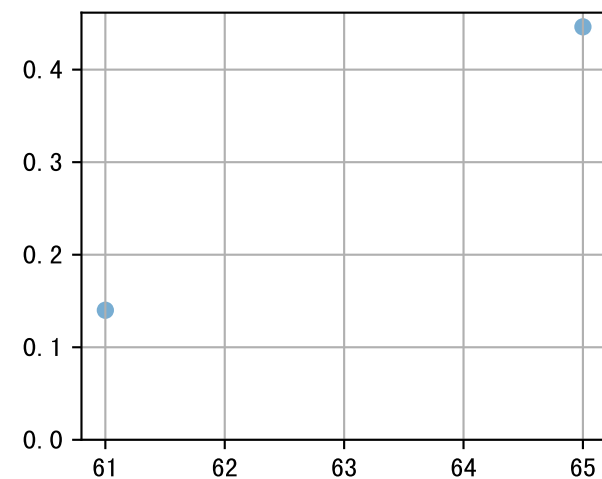
P3-6-042-4L15



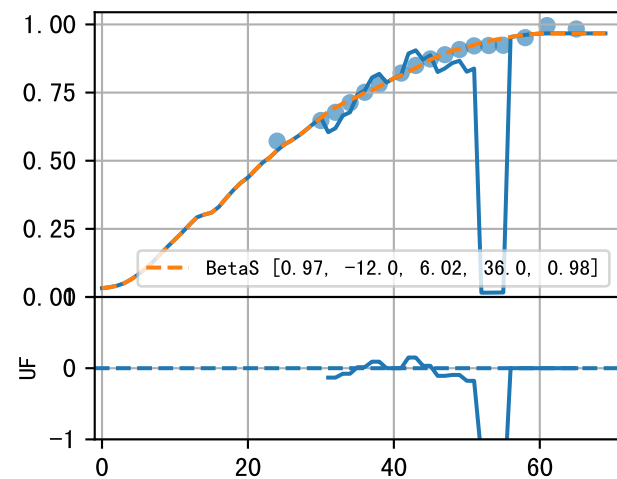
P3-6-042-4L18 (fit failed)



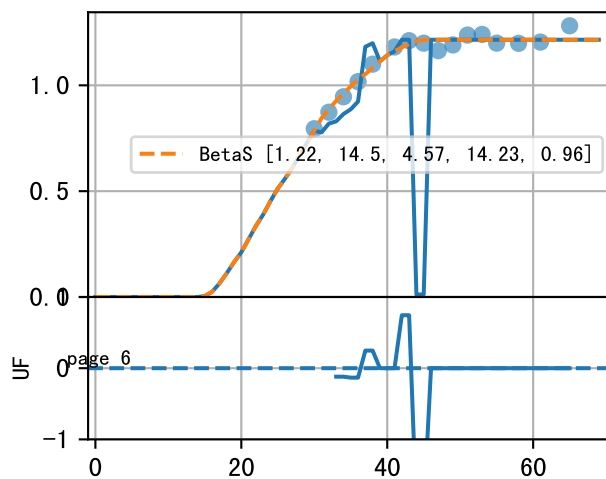
P3-6-042-4L21 (fit failed)

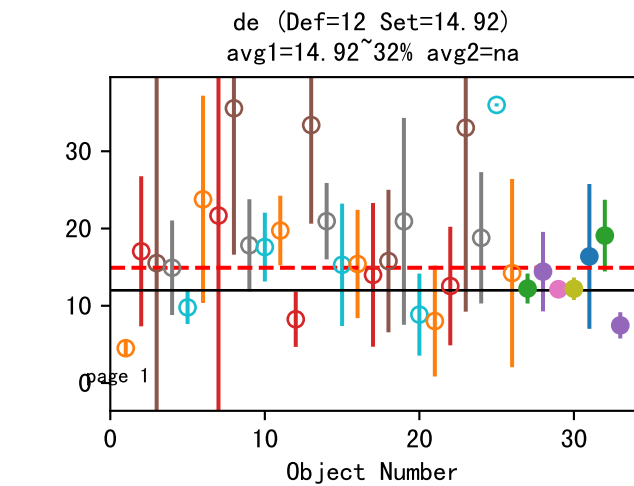
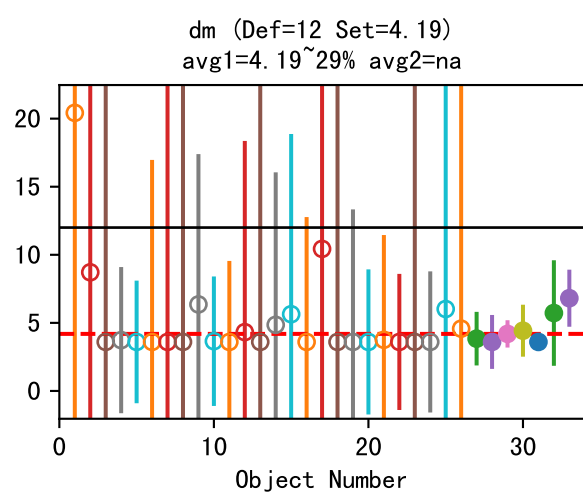
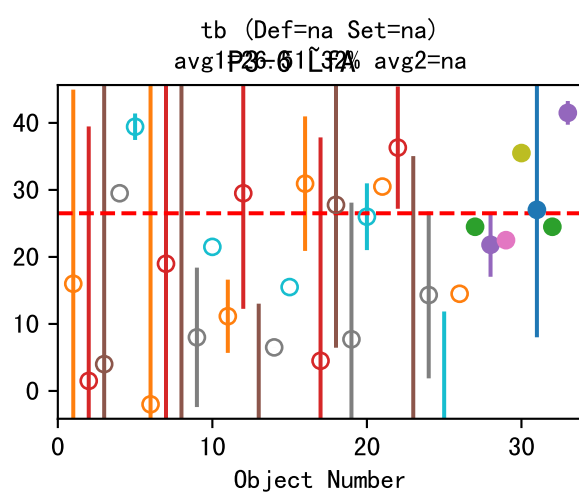
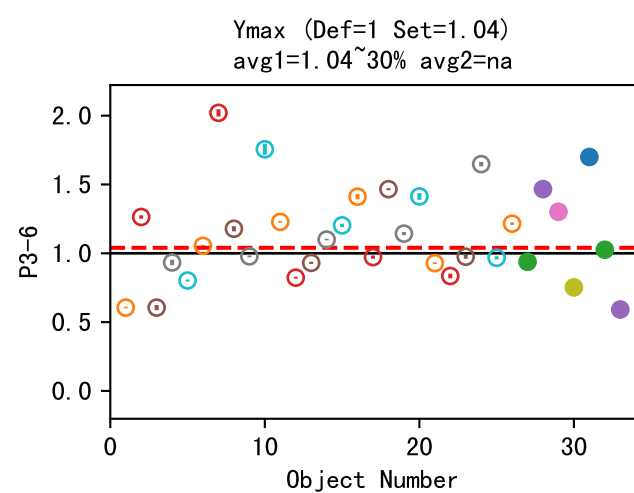


P3-6-042-4L6 (fit failed)

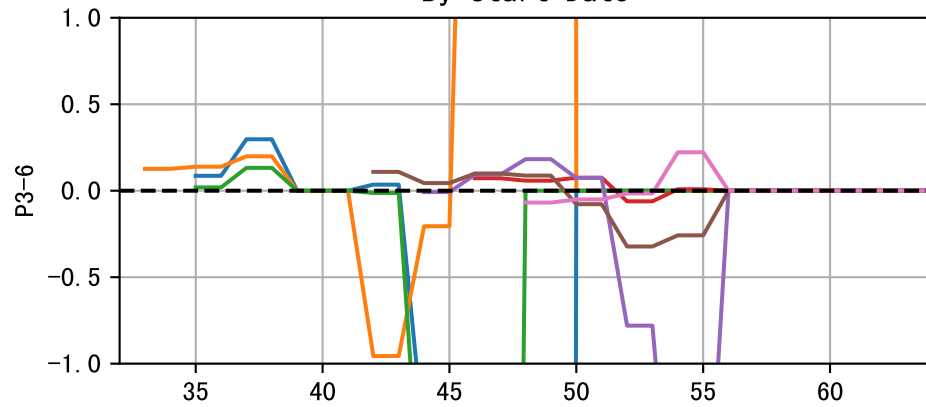


P3-6-042-4L9 (fit failed)

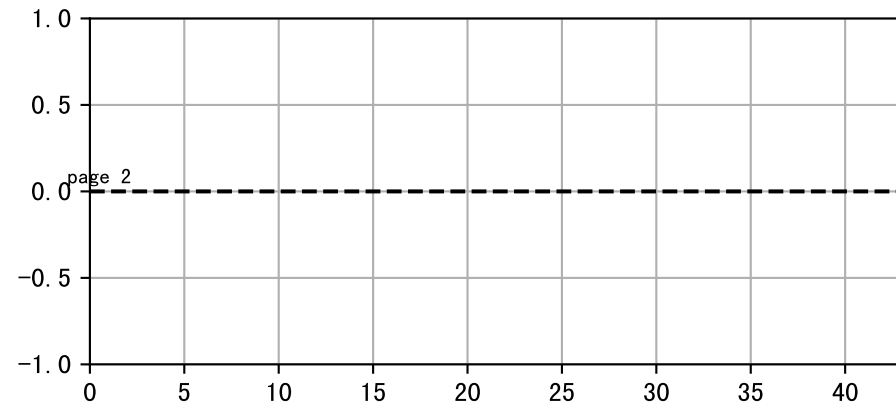
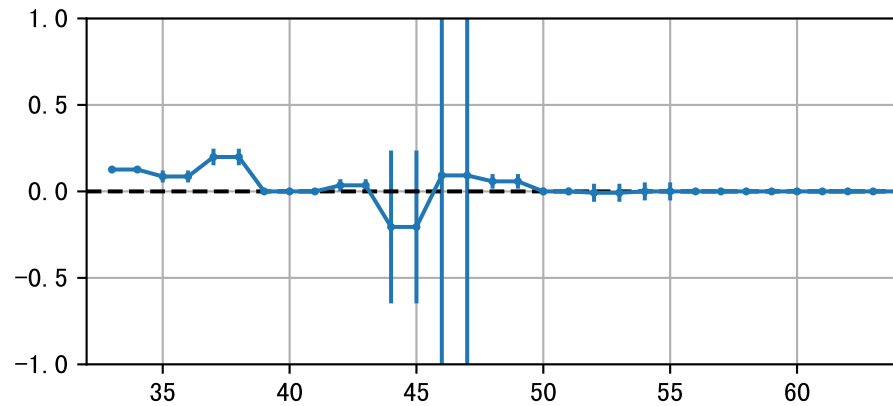
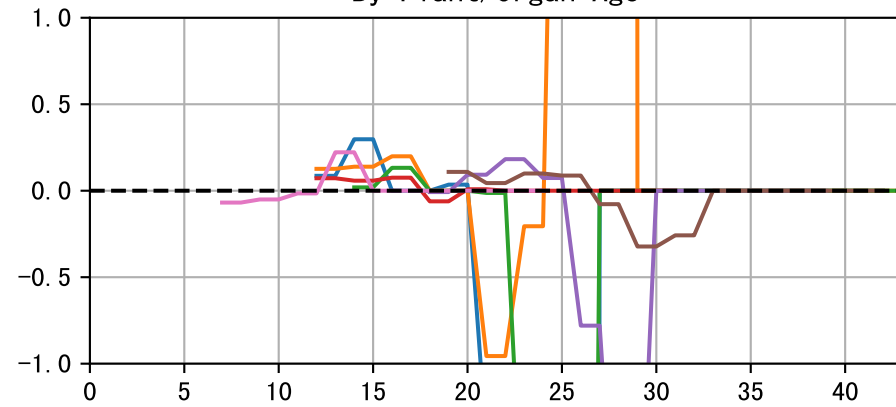


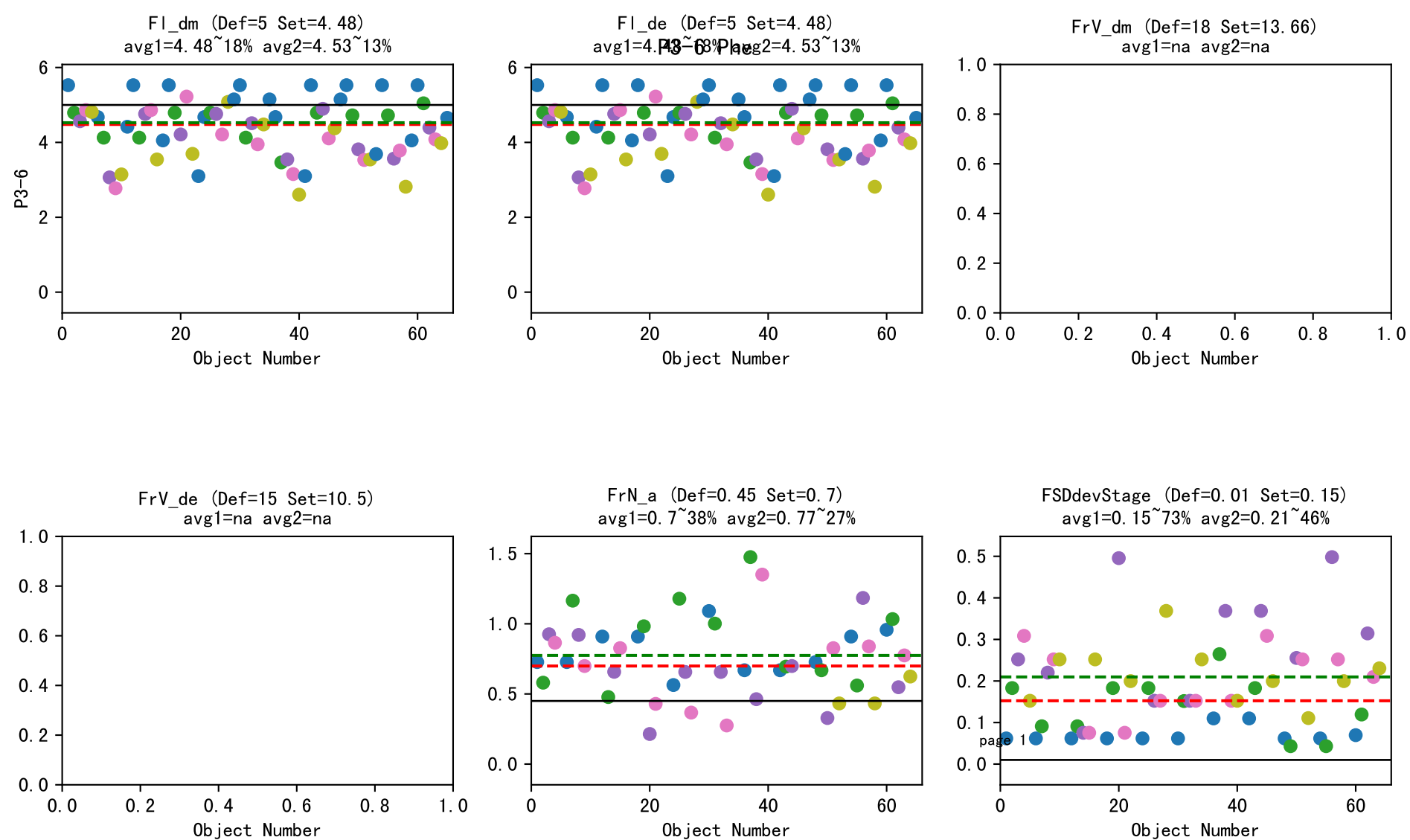


By Start Date

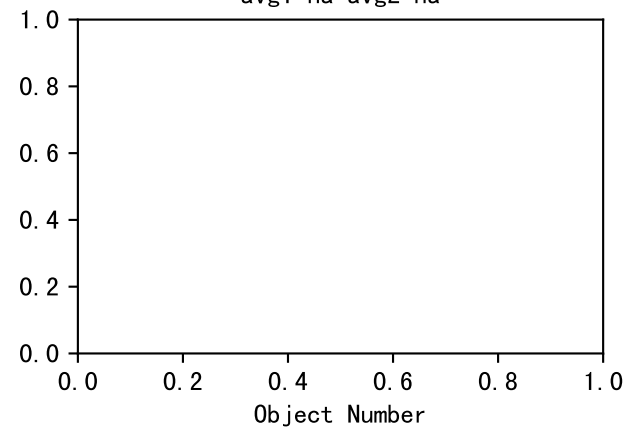


By Plant/Organ Age

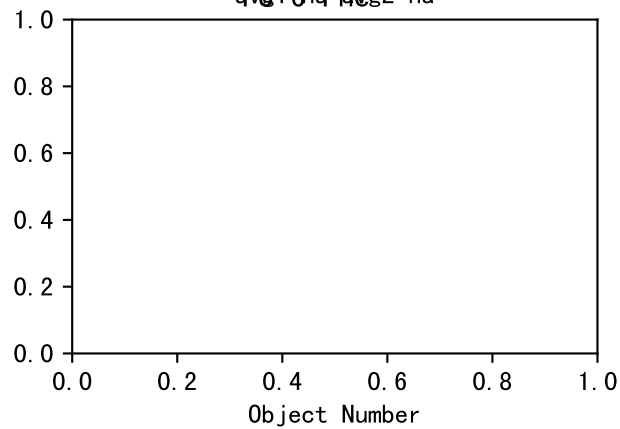




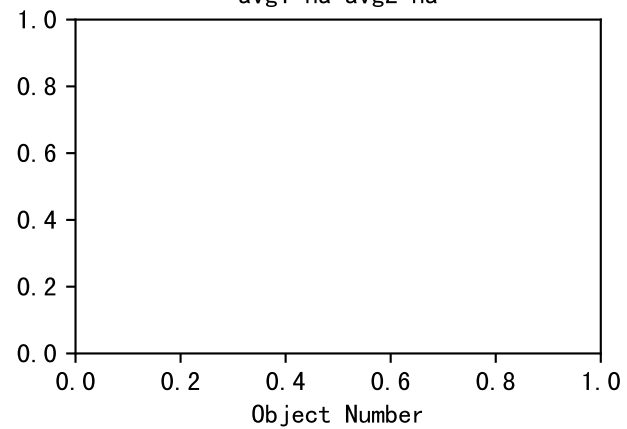
FGDdevStage (Def=0.7 Set=0.7)  
avg1=na avg2=na



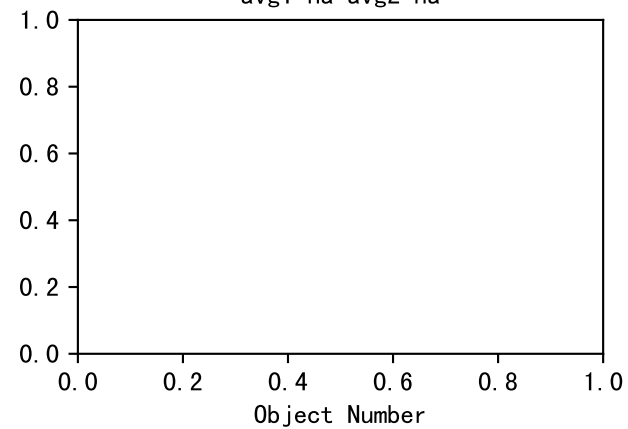
FMBDdevStage (Def=1.3 Set=1.3)  
avg1=na avg2=na



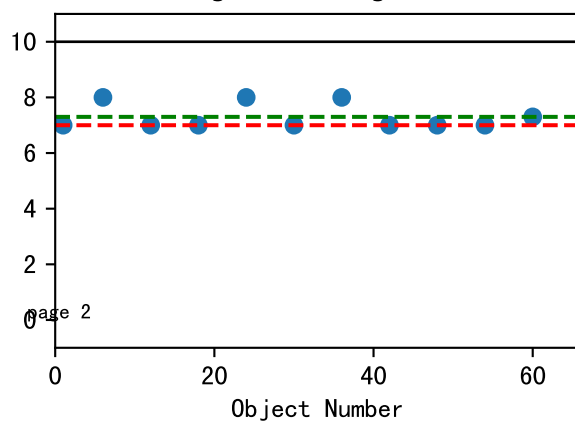
FMEDdevStage (Def=1.8 Set=1.8)  
avg1=na avg2=na



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

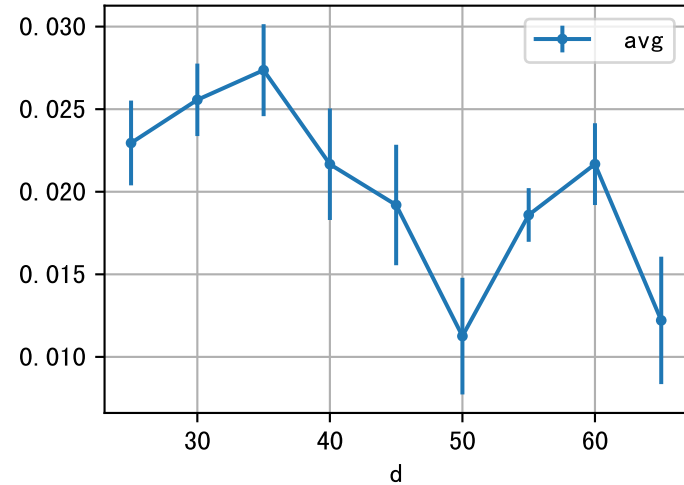


NNgen (Def=10 Set=7)  
avg1=7.0~7% avg2=7.3

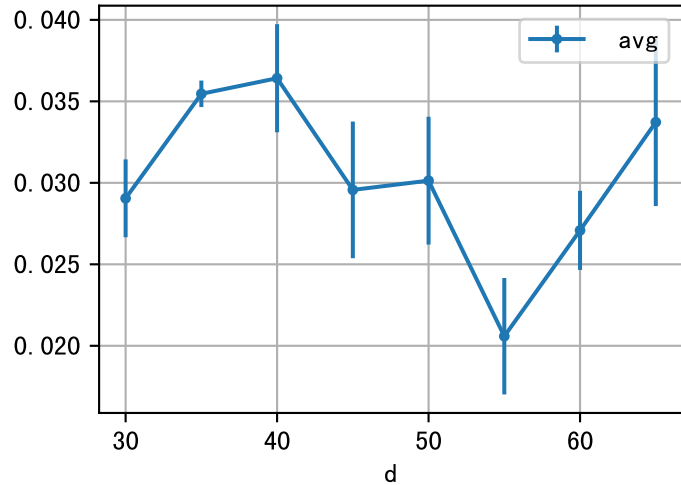


LfA: avg vs. d at each age group

age=15

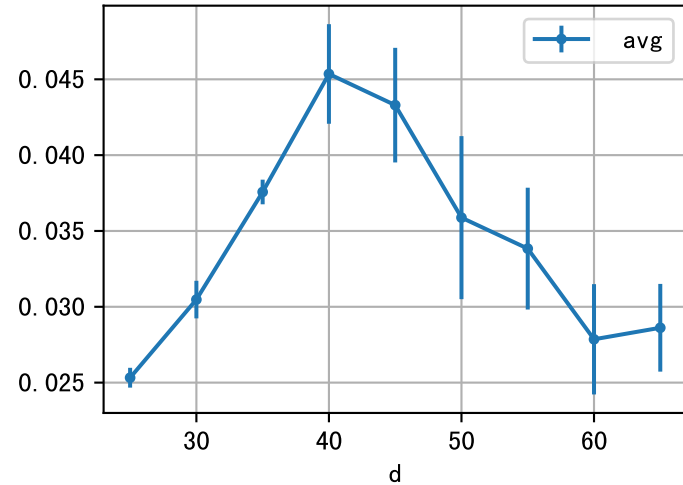


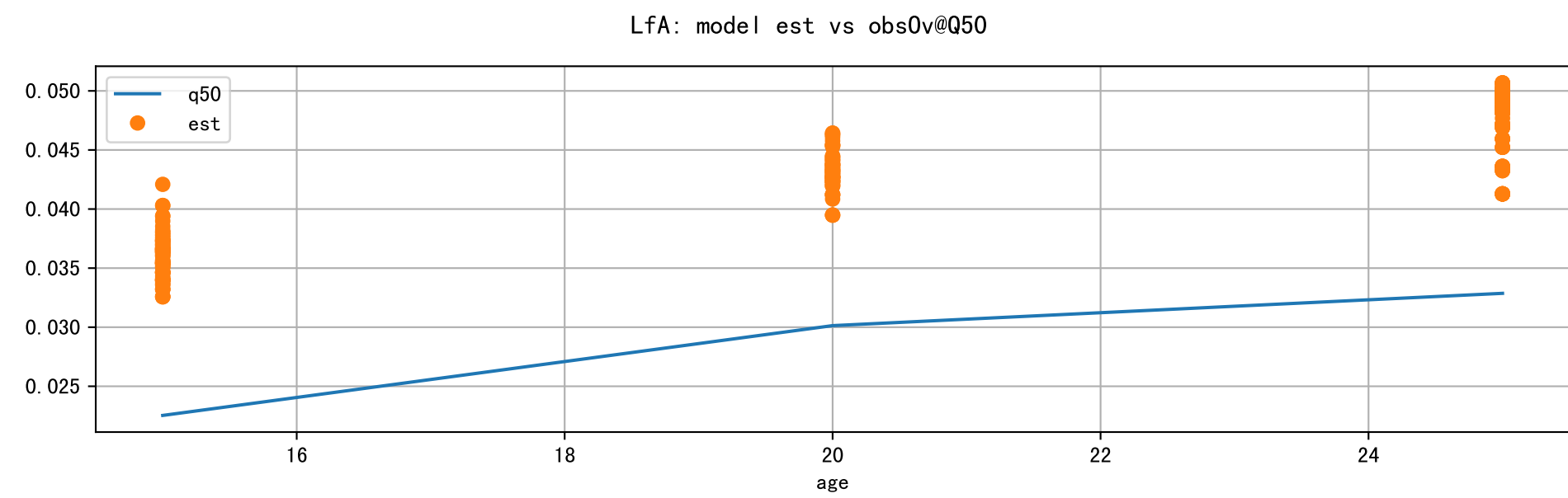
age=20



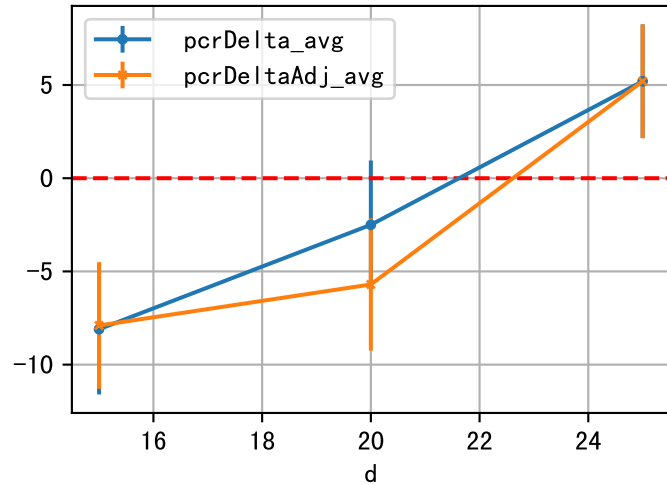
page 1

age=25

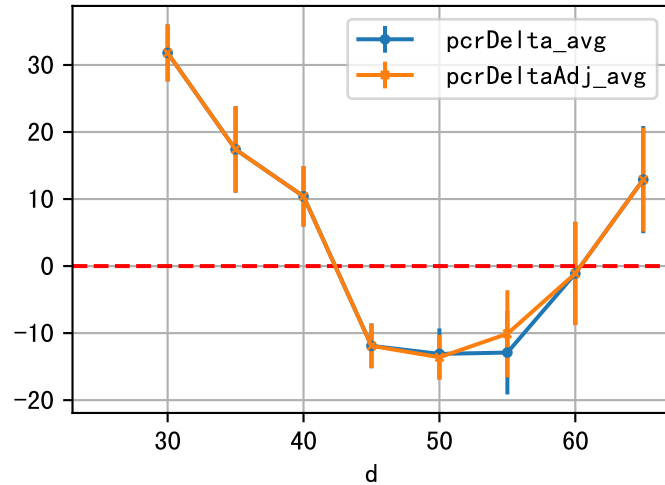




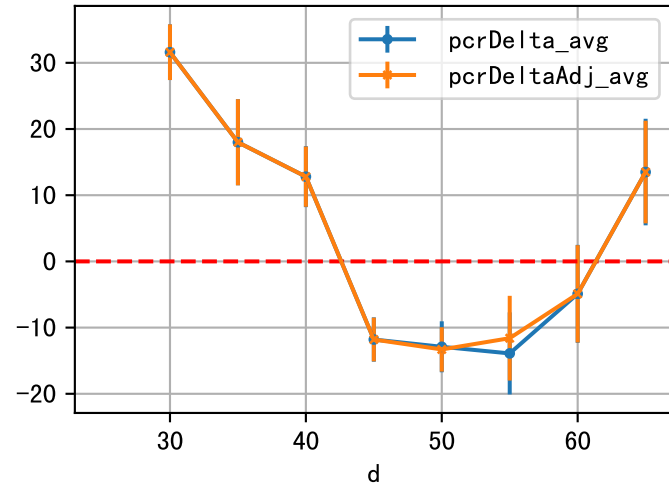
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

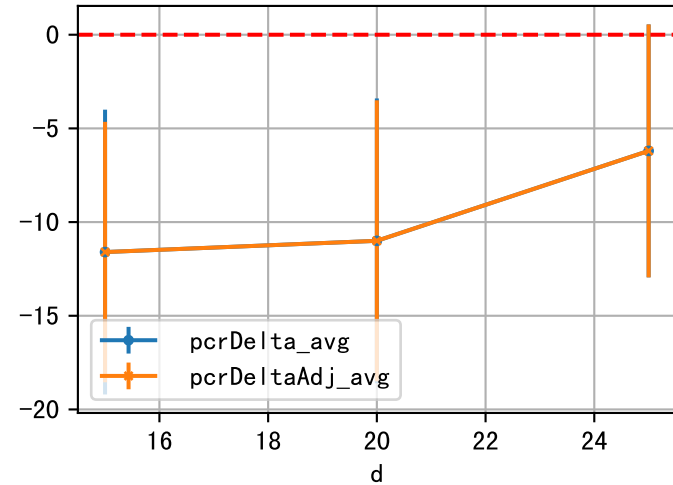


DeltaTypeAbbr=Wei AvgByD

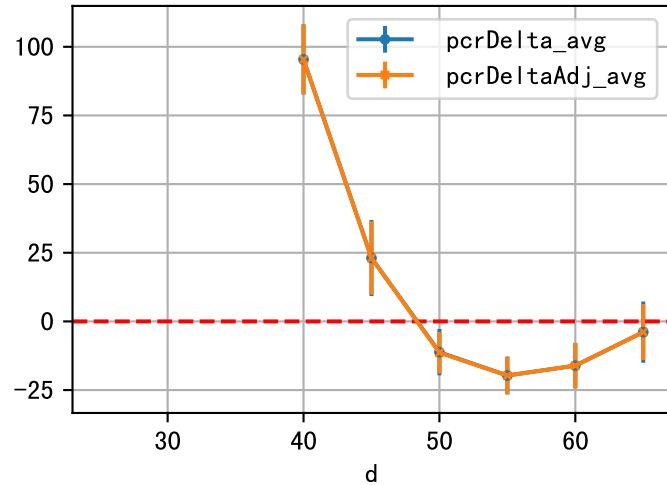


# P3-6 LfA: D\_15d\_LfA

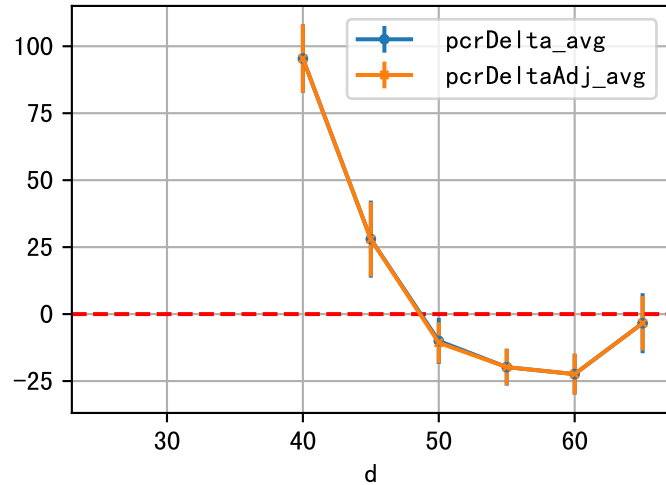
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

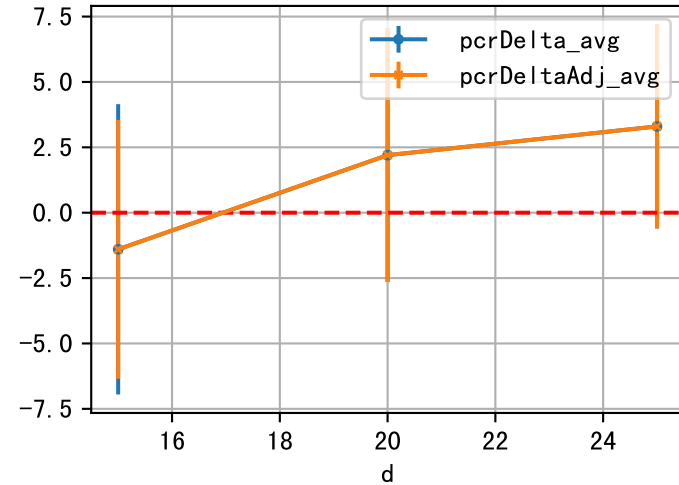


DeltaTypeAbbr=Wei AvgByD

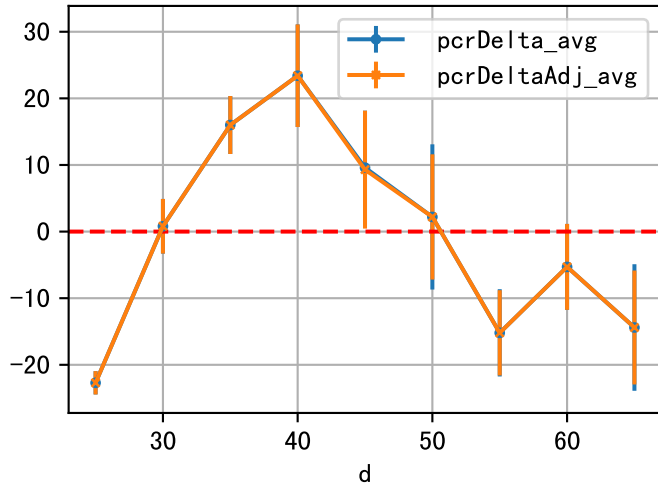


# P3-6 LfA: D\_Q50\_LfA

DeltaTypeAbbr=GrpByAge

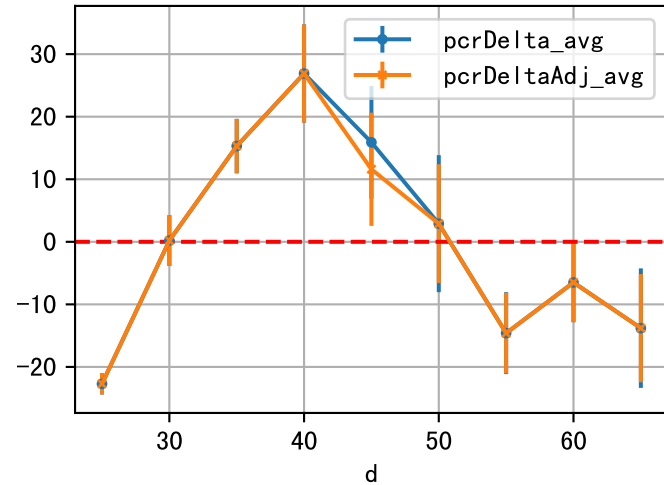


DeltaTypeAbbr=GrpByDay

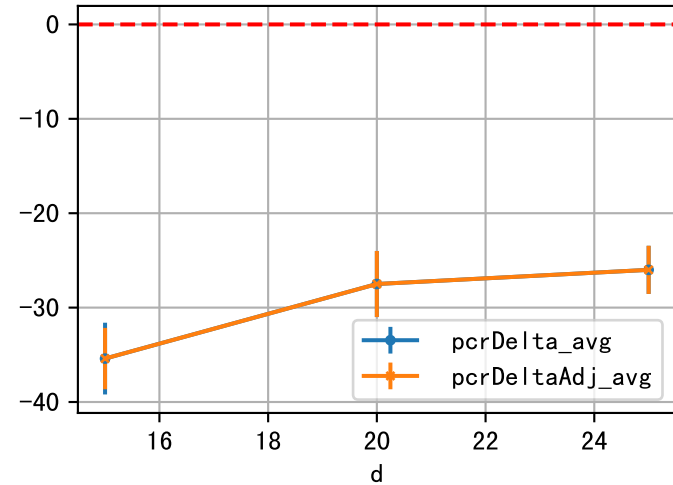


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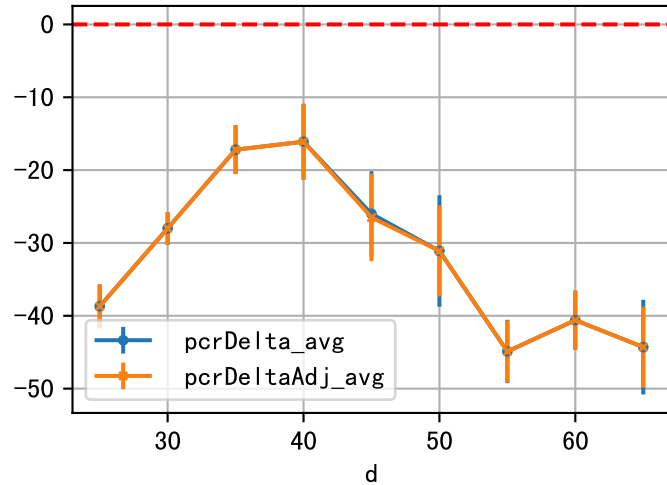
DeltaTypeAbbr=Wei AvgByD



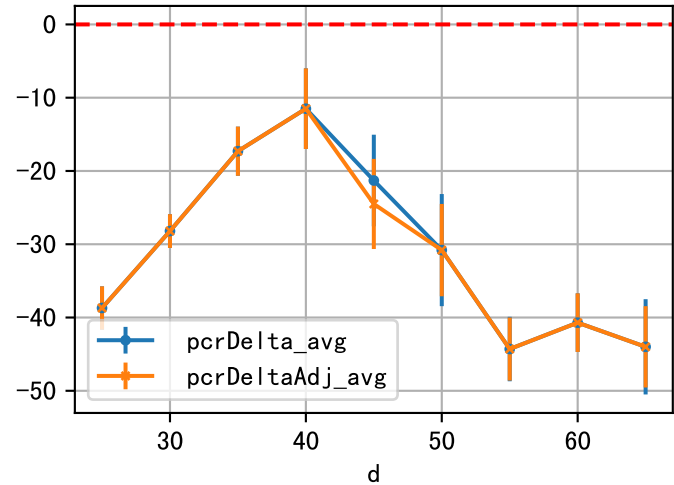
DeltaTypeAbbr=GrpByAge



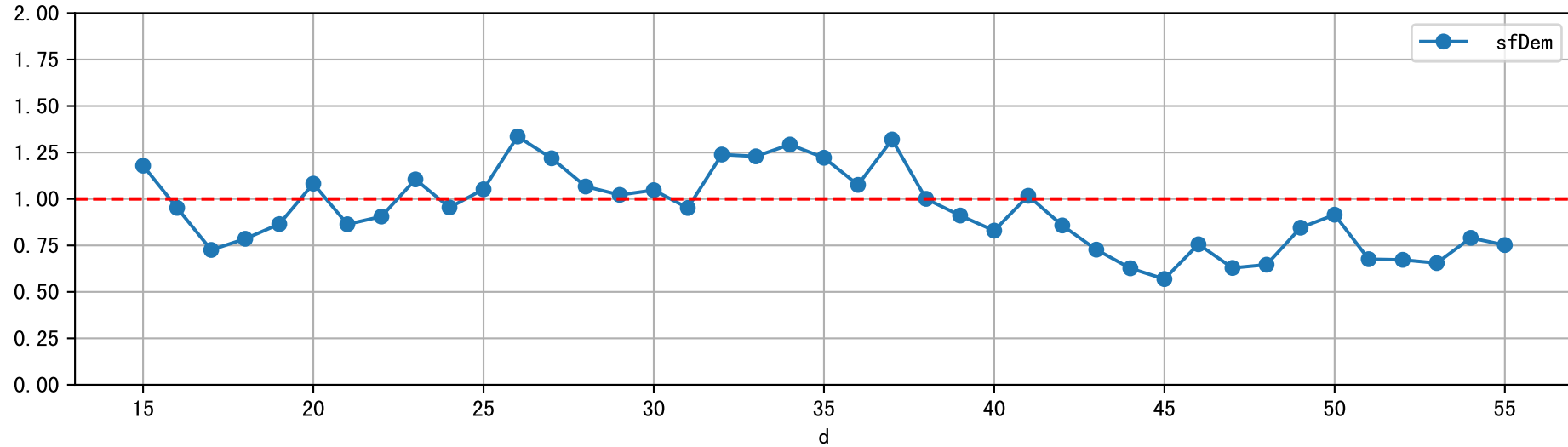
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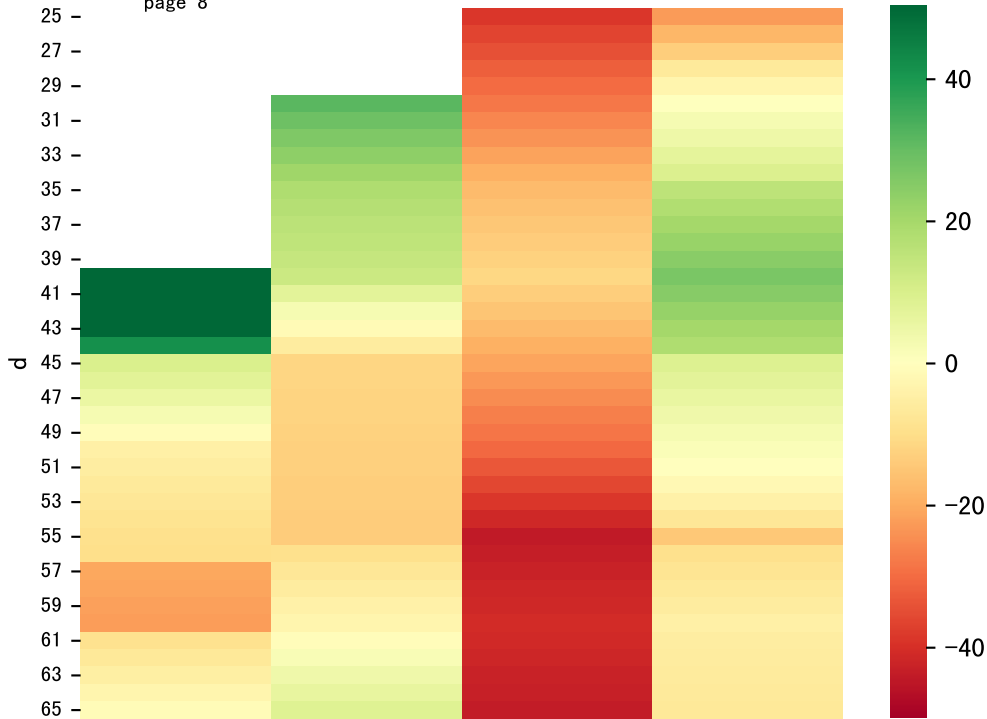


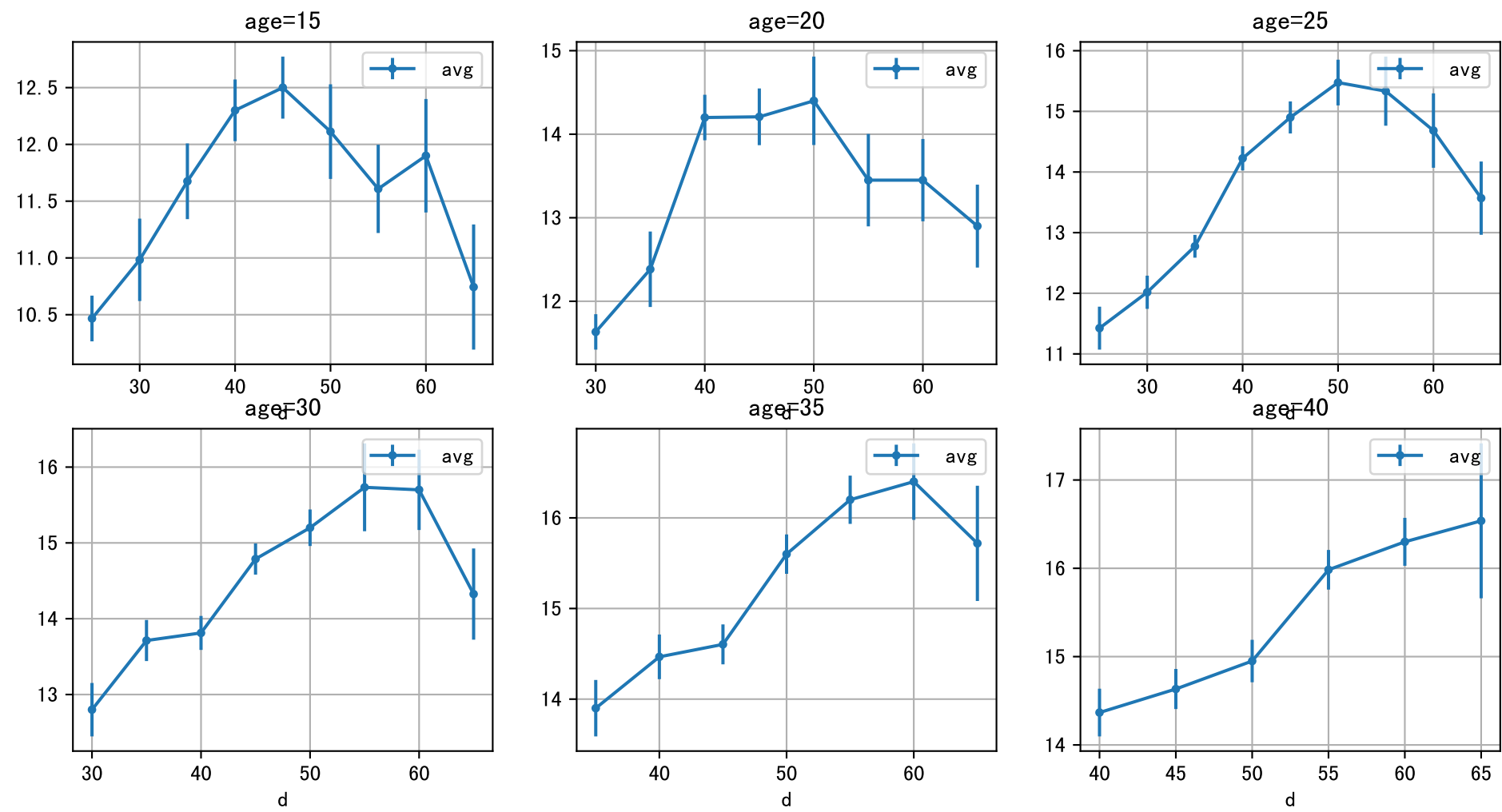
DeltaTypeAbbr=Wei AvgByD



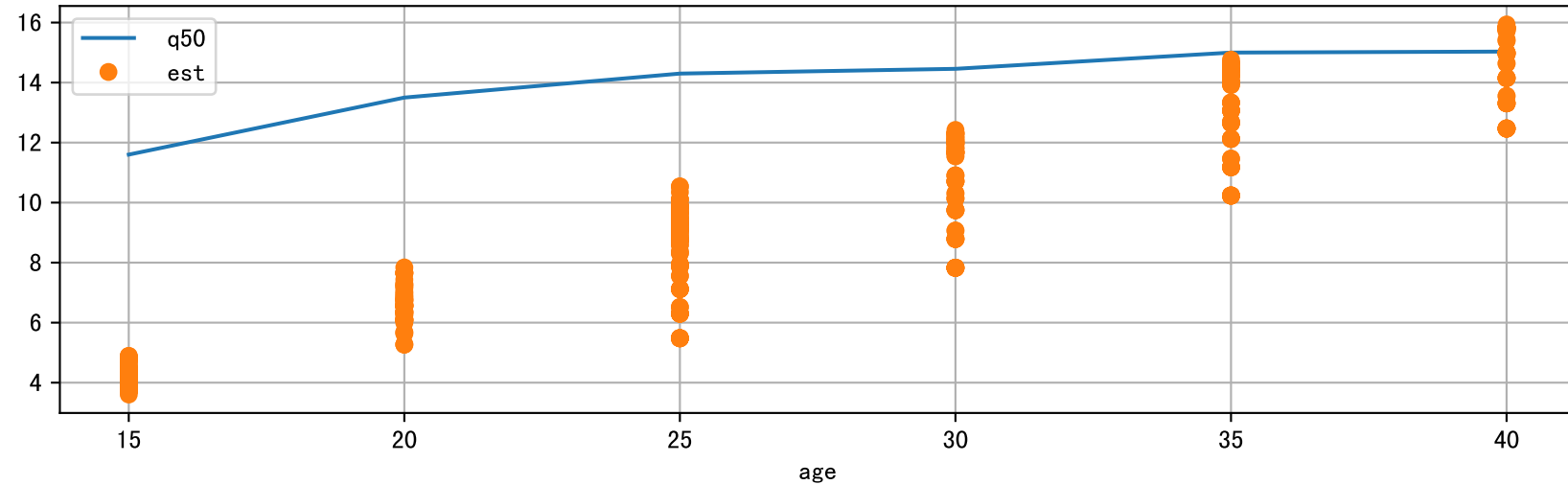
LfA: sfDem



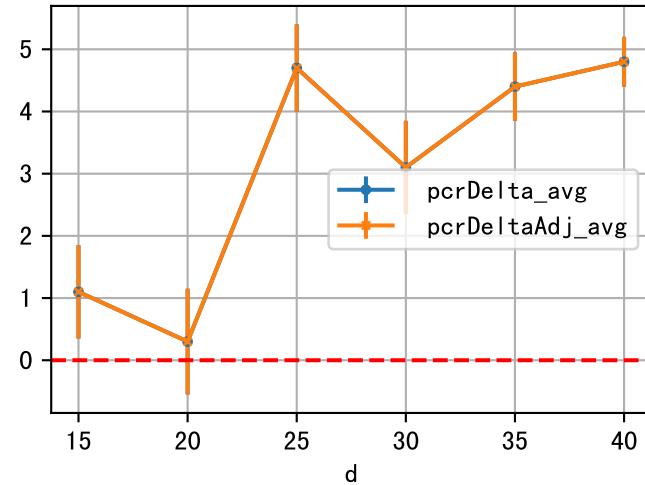




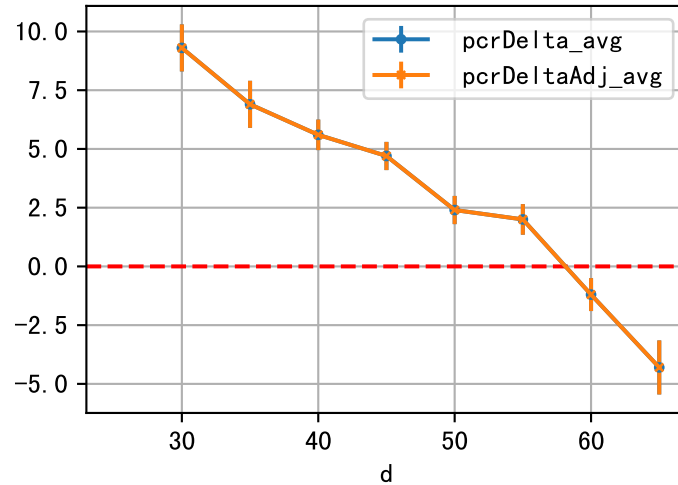
NdD: model est vs obs0v@Q50



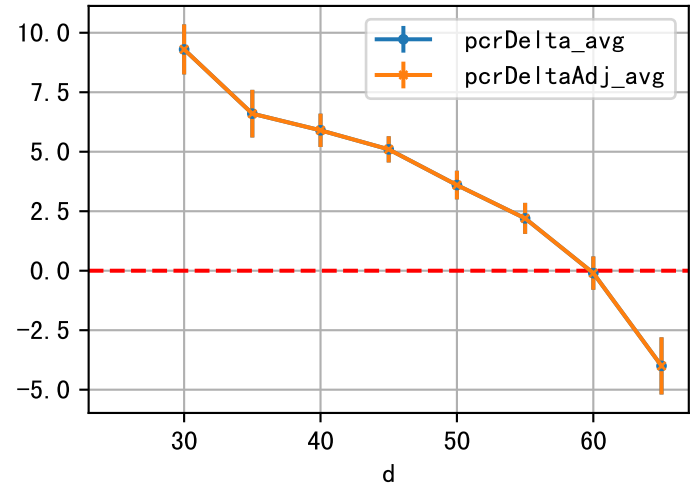
DeltaTypeAbbr=GrpByAge



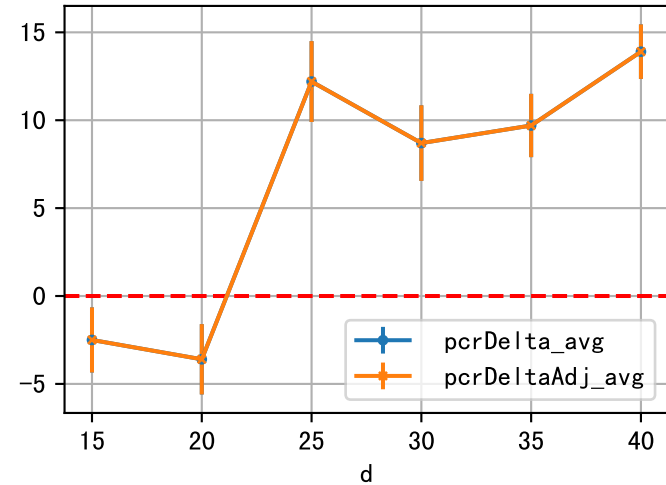
DeltaTypeAbbr=GrpByDay



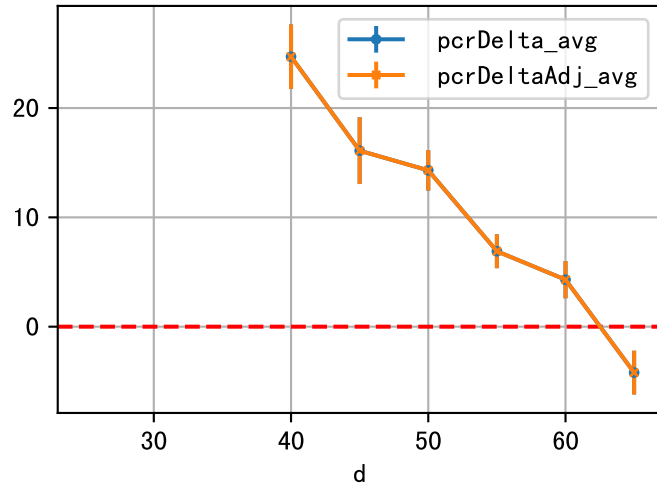
DeltaTypeAbbr=Wei AvgByD



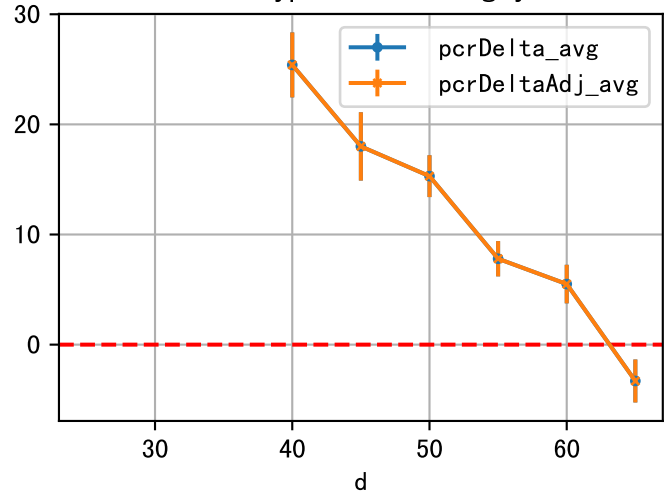
DeltaTypeAbbr=GrpByAge



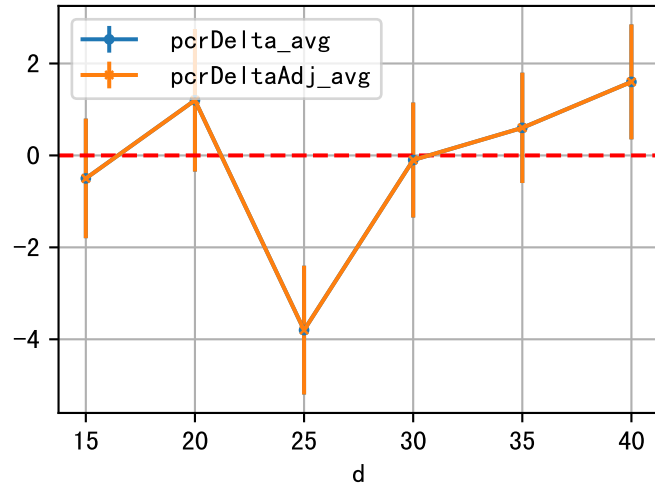
DeltaTypeAbbr=GrpByDay



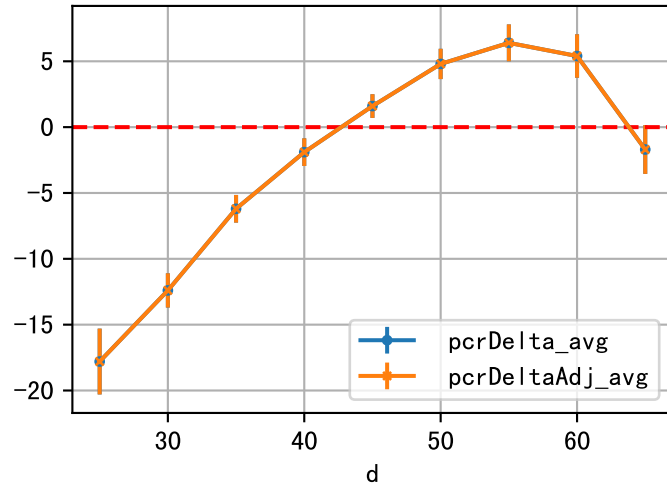
DeltaTypeAbbr=Wei AvgByD



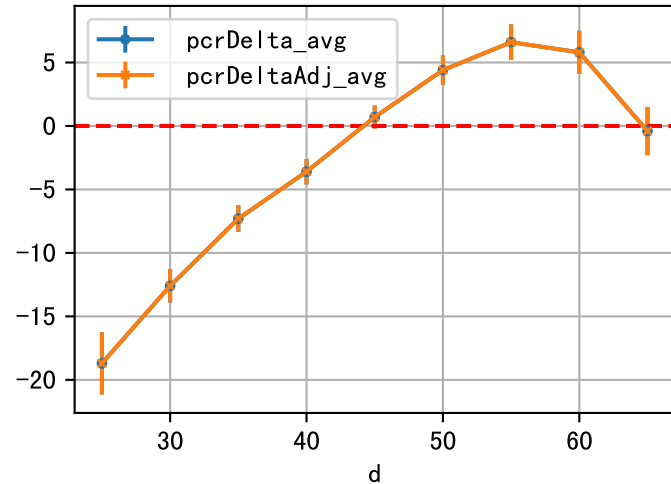
DeltaTypeAbbr=GrpByAge



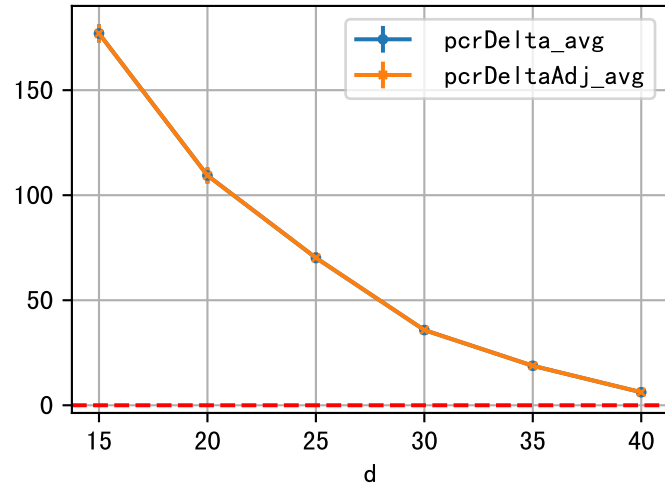
DeltaTypeAbbr=GrpByDay



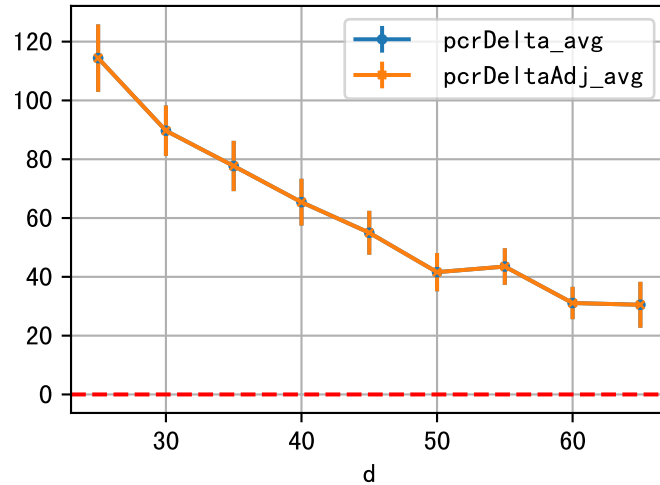
DeltaTypeAbbr=Wei AvgByD



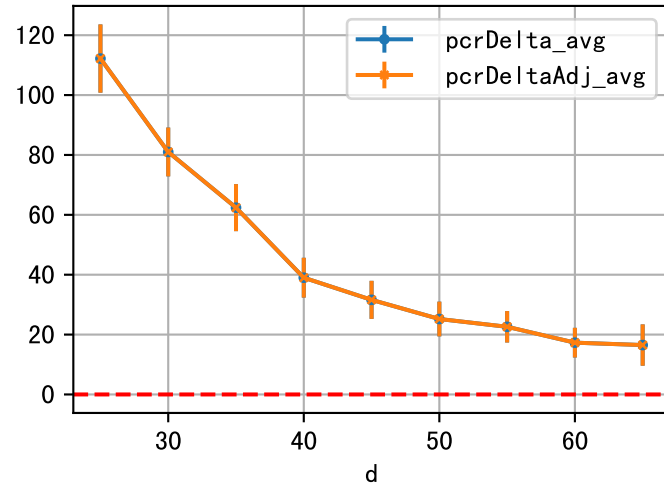
DeltaTypeAbbr=GrpByAge



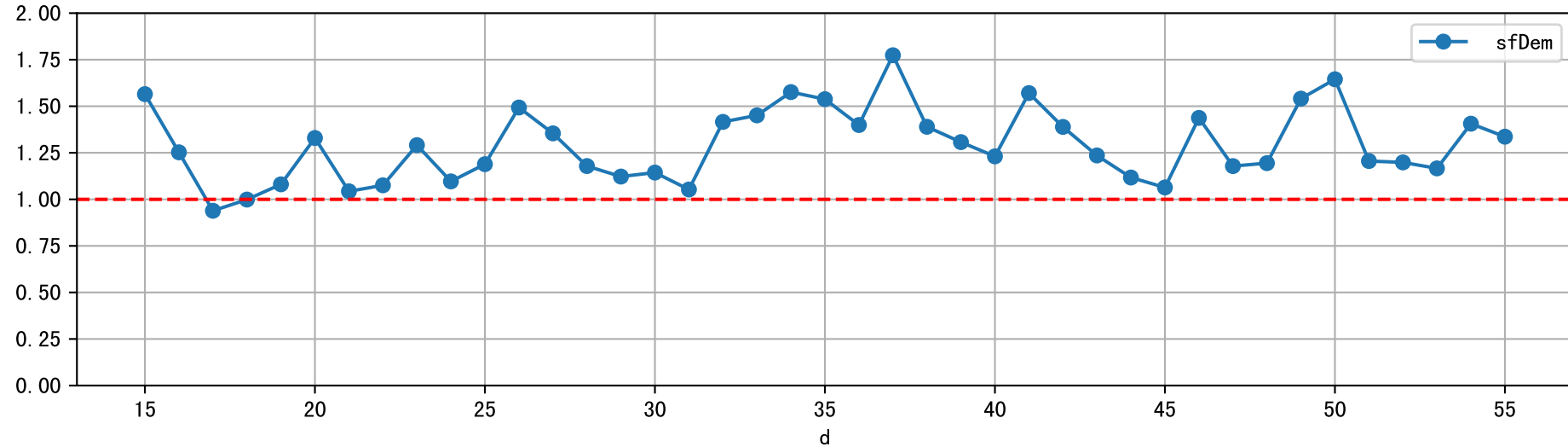
DeltaTypeAbbr=GrpByDay

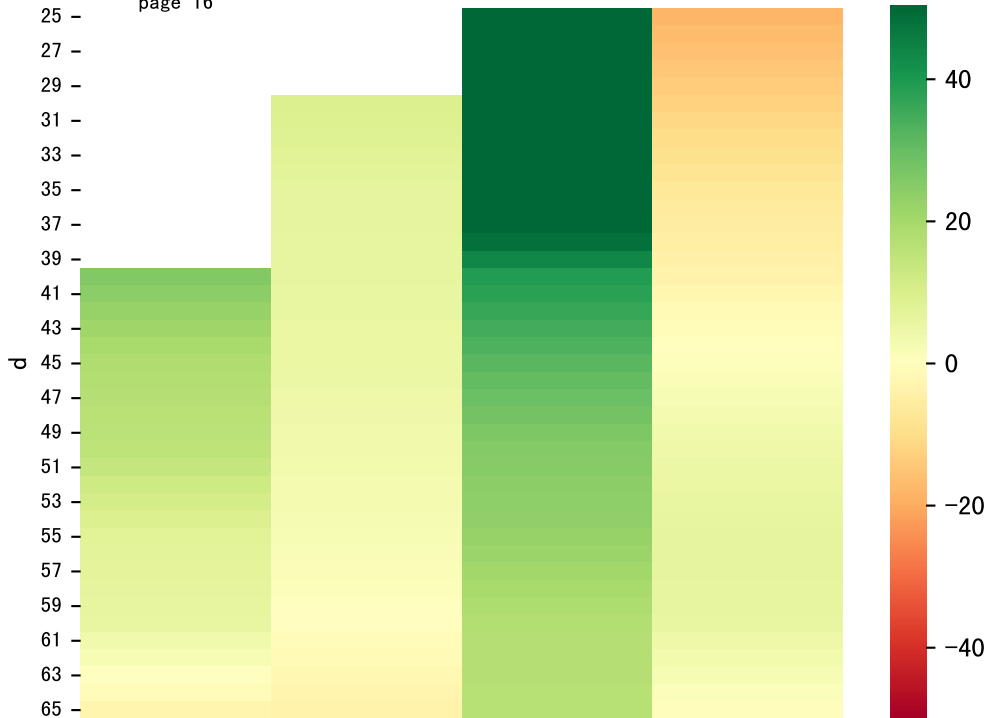


DeltaTypeAbbr=Wei AvgByD

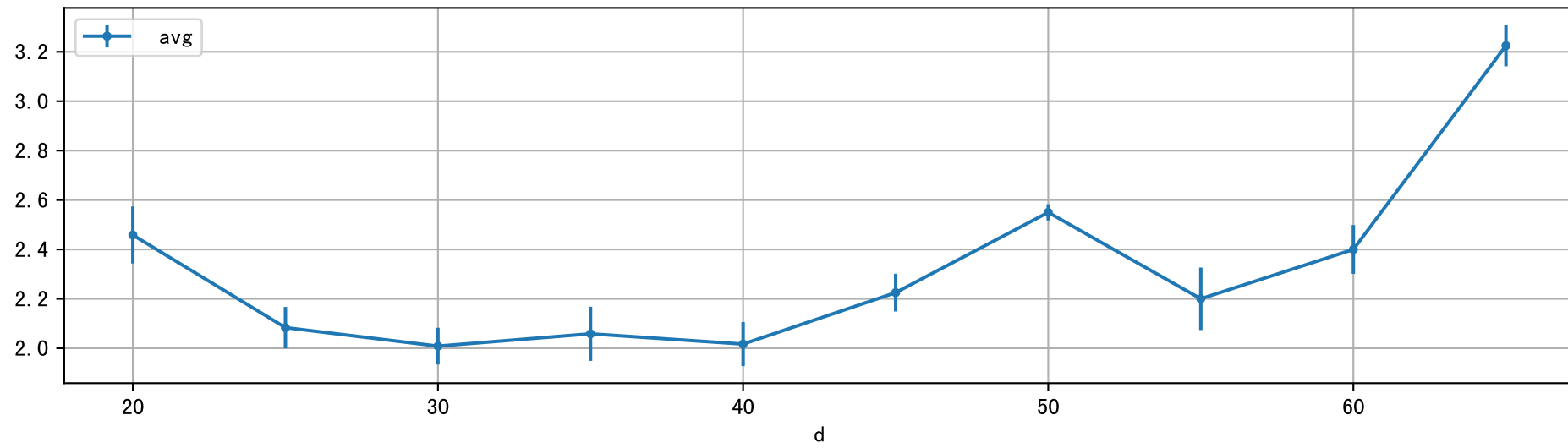


NdD: sfDem

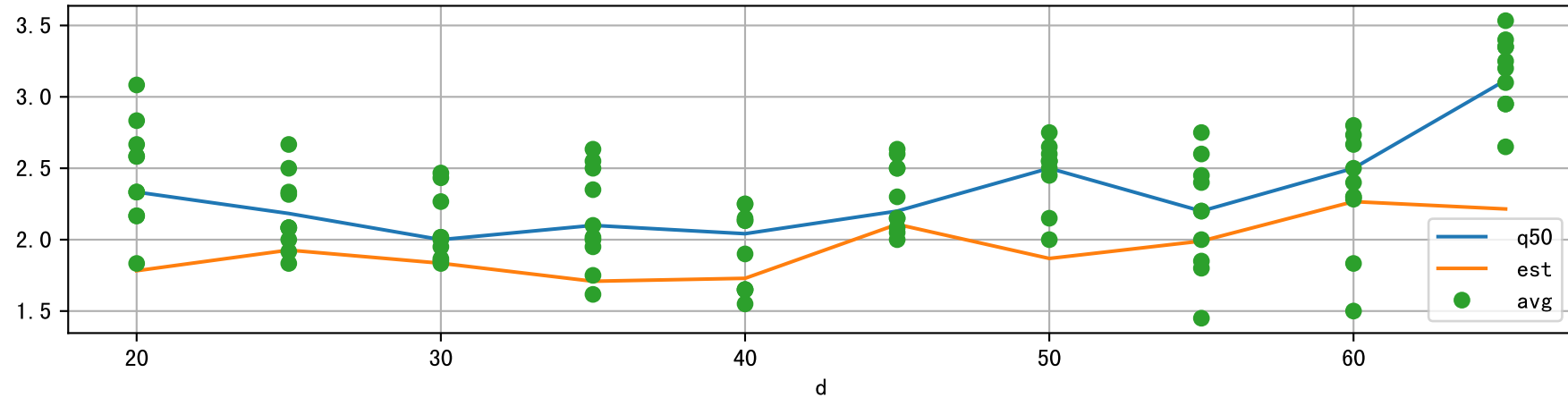




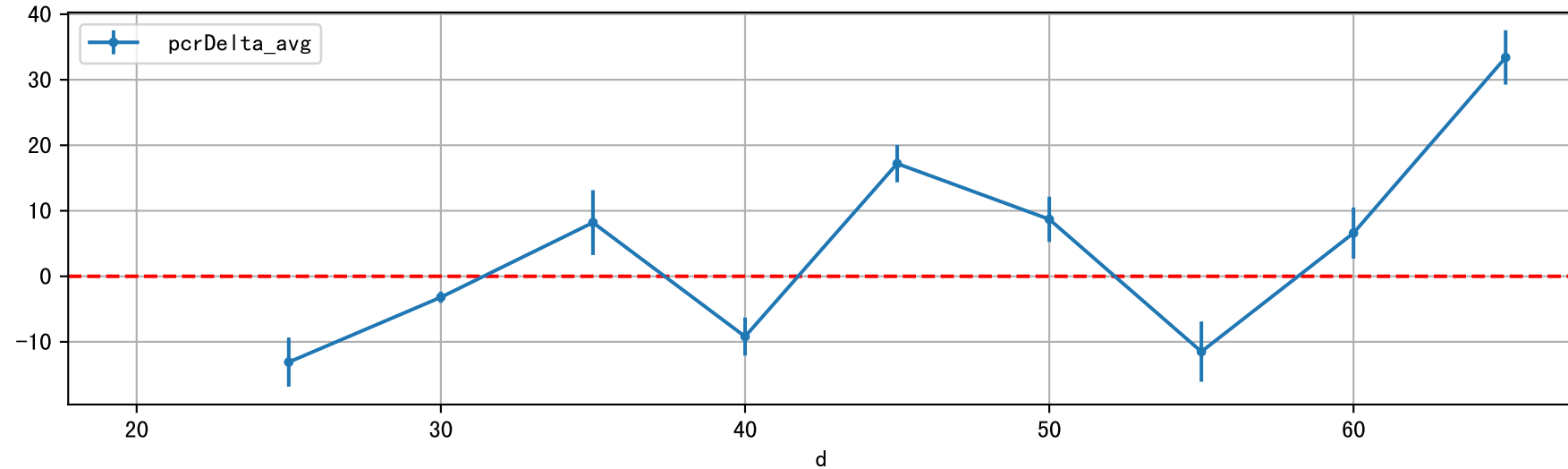
dStH: avg vs. d



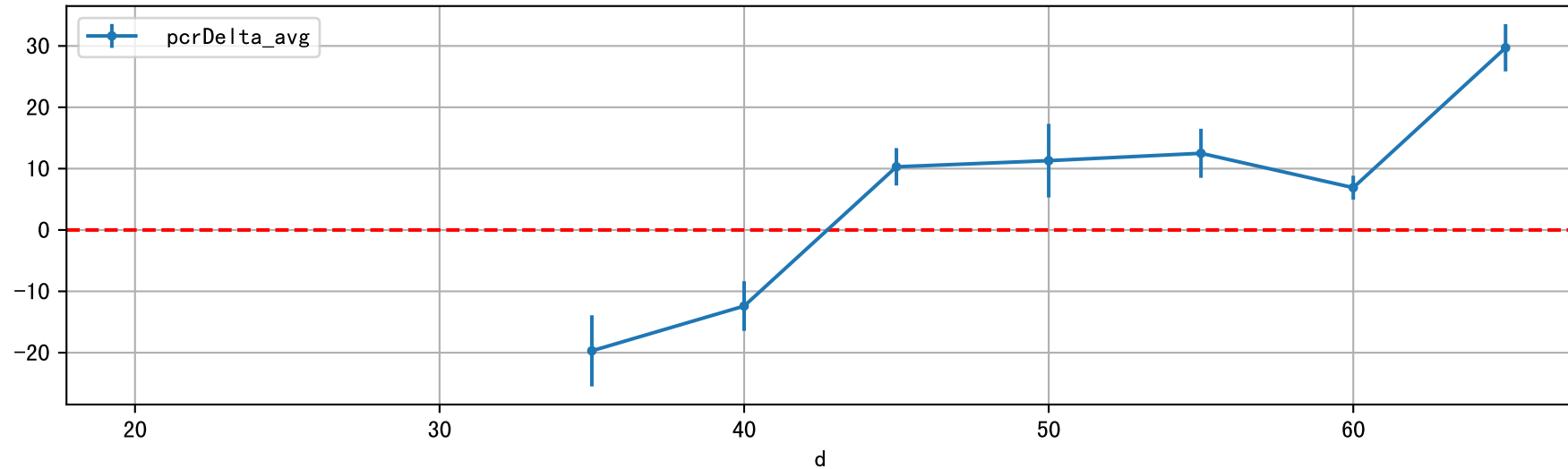
dStH: obsAvg vs obs0v@Q50

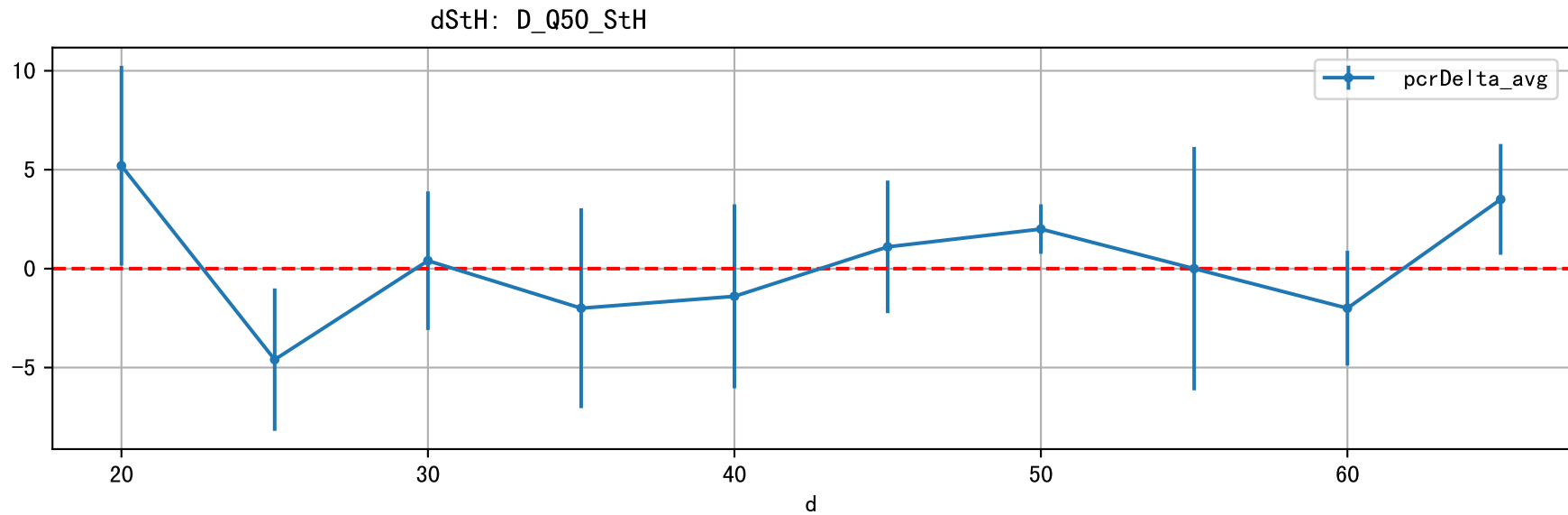


dStH: D\_5d\_StH

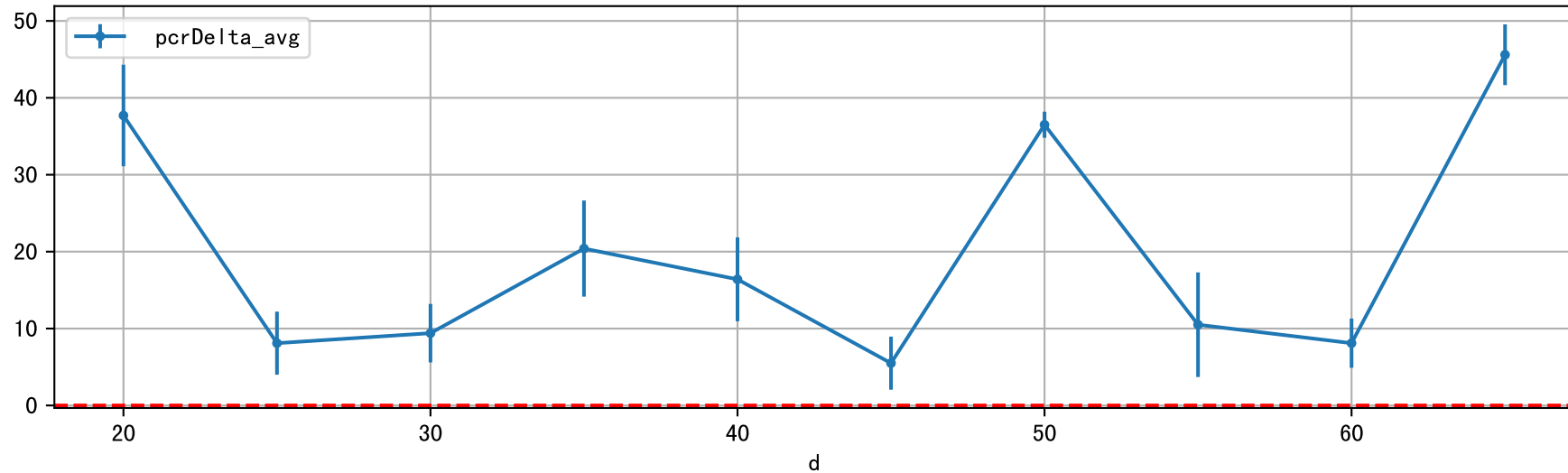


dStH: D\_15d\_StH

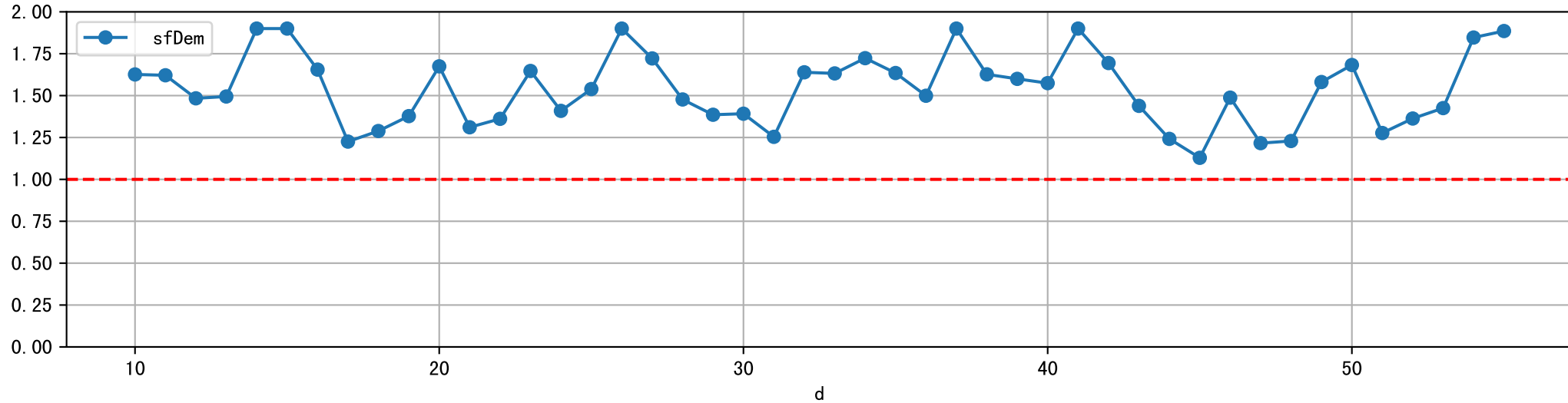


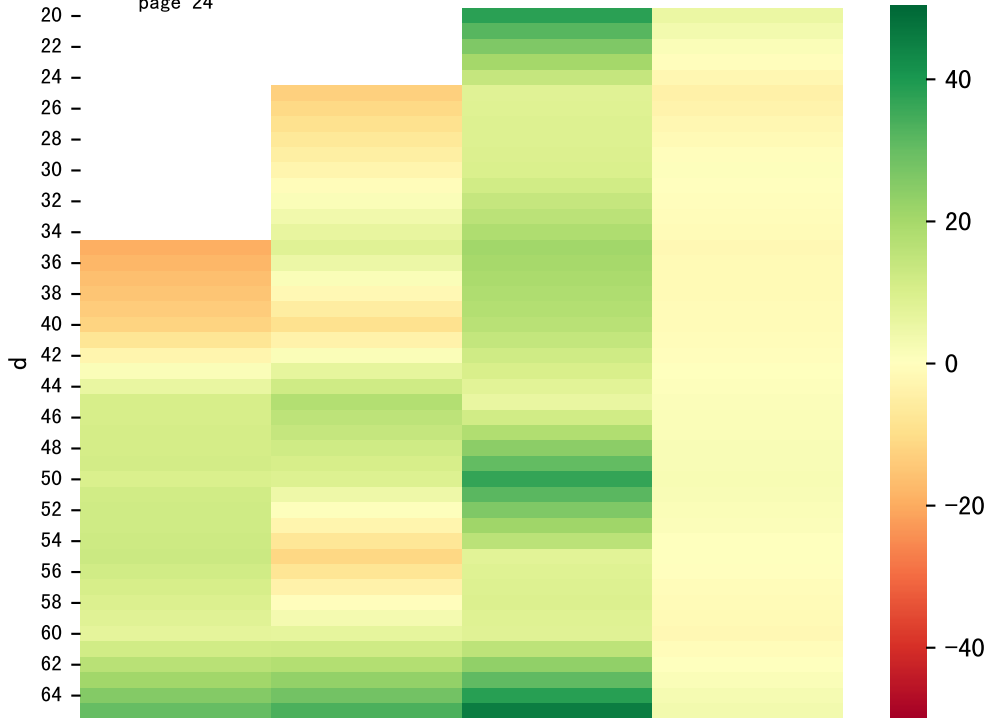


dStH: D\_Est\_StH



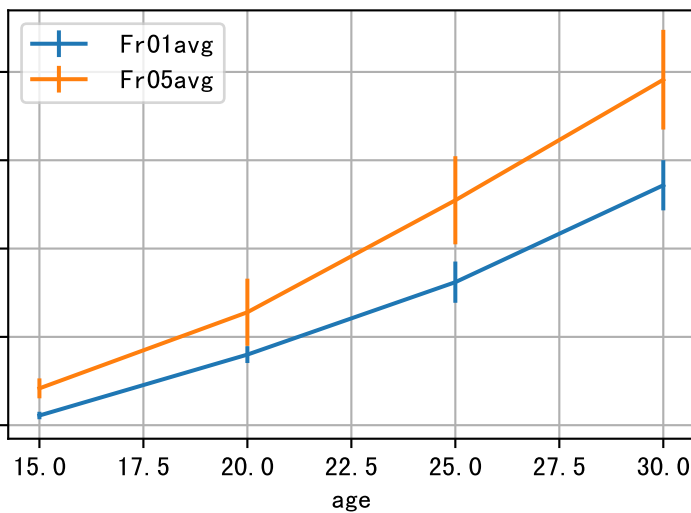
dStH: sfDem



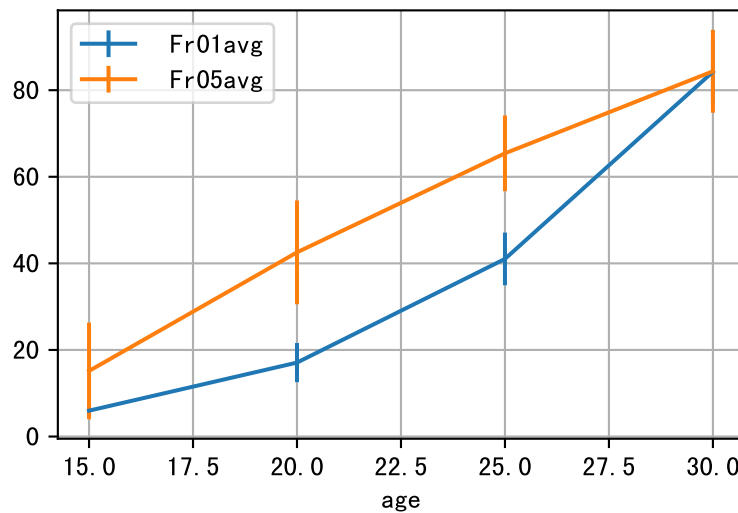


# FrV: Fr01 vs Fr05 at each truss

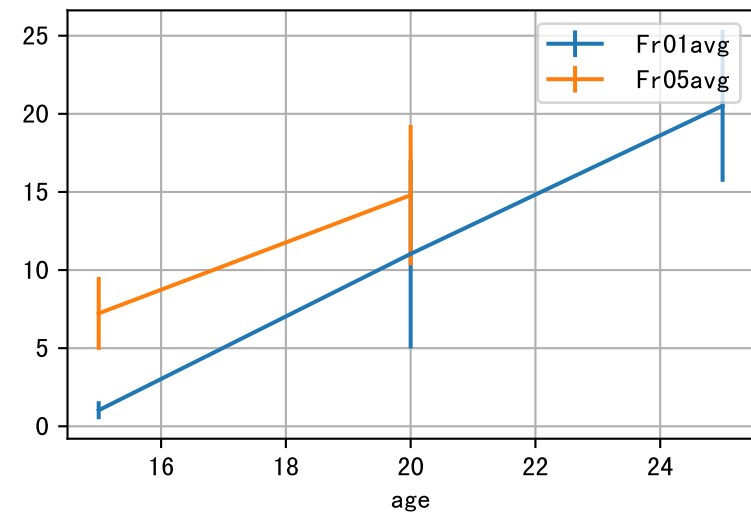
organID=T01



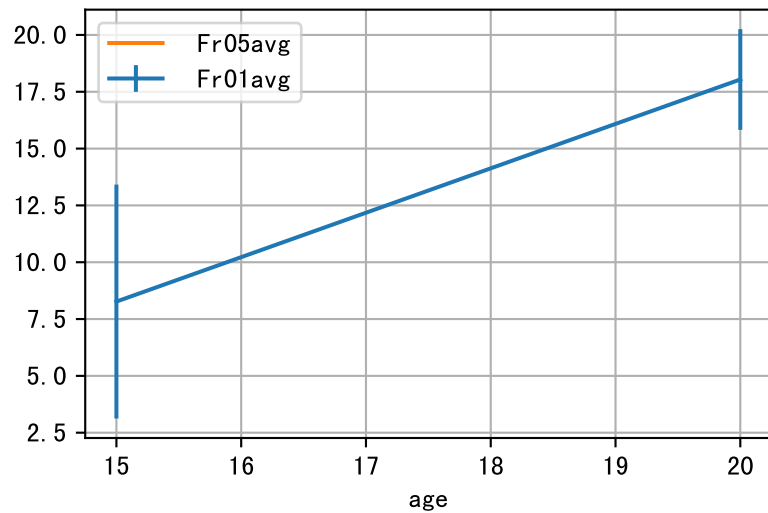
organID=T02



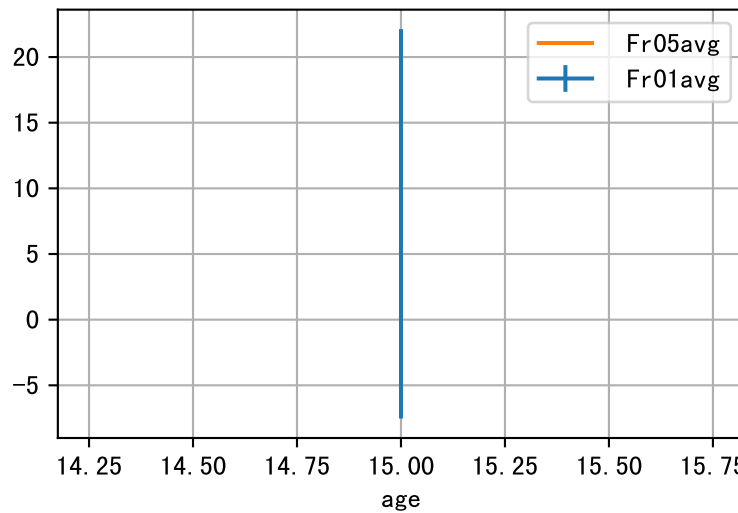
organID=T03



organID=T04

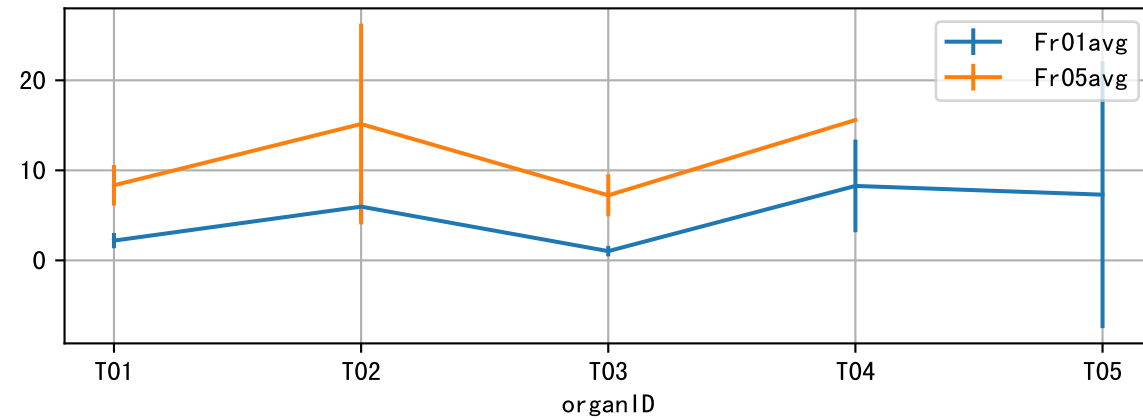


organID=T05

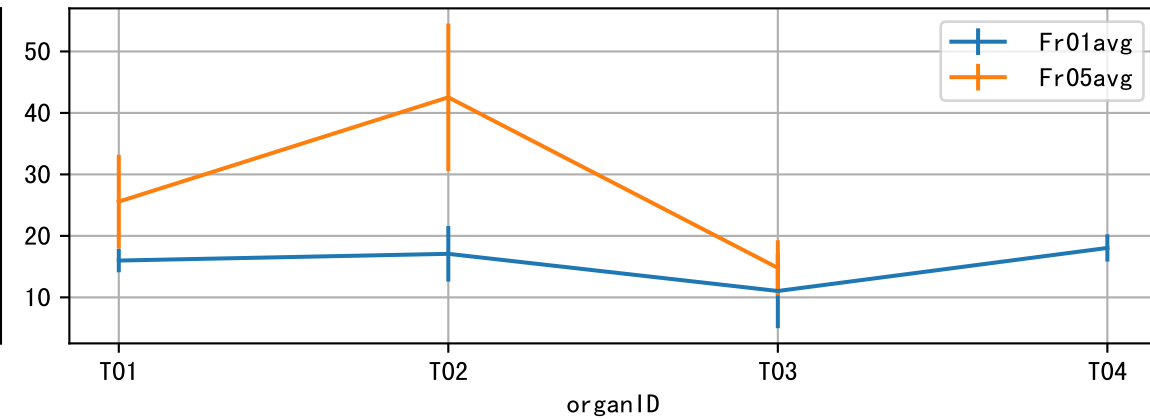


# FrV trend at each age

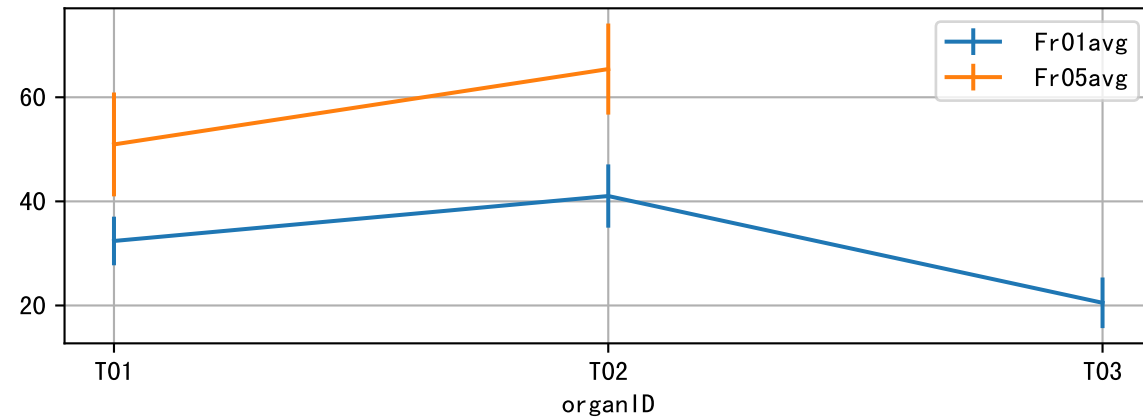
age=15



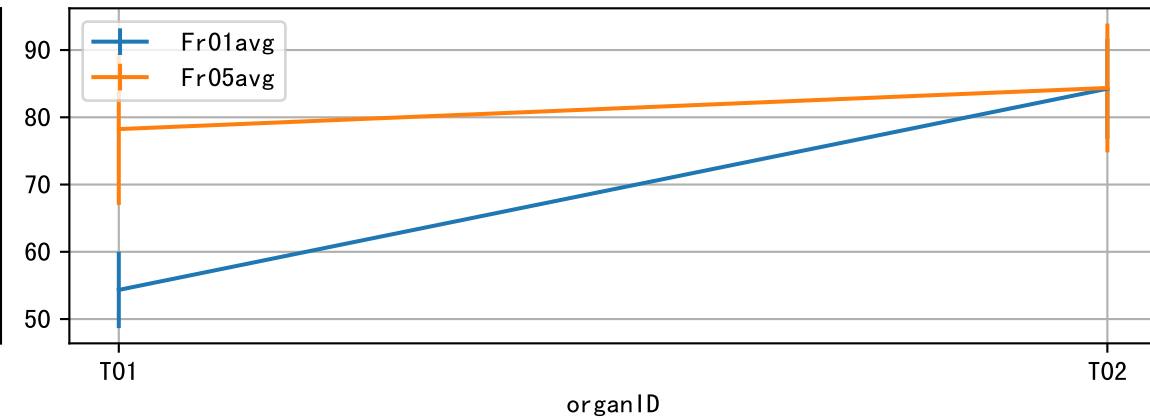
age=20



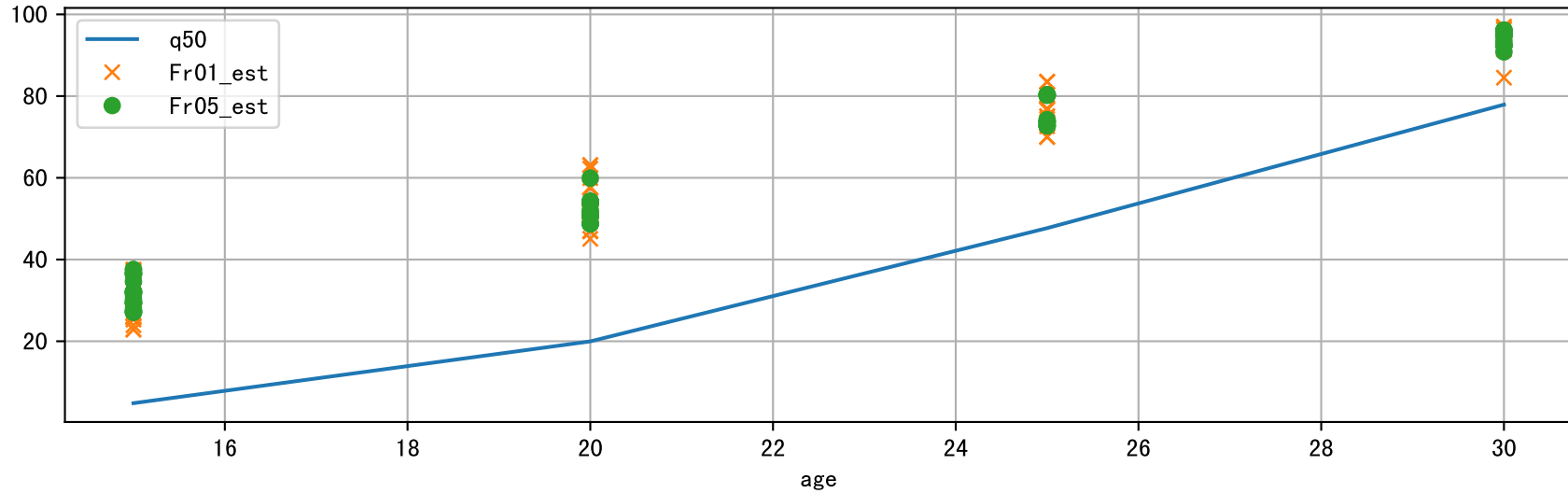
age=25

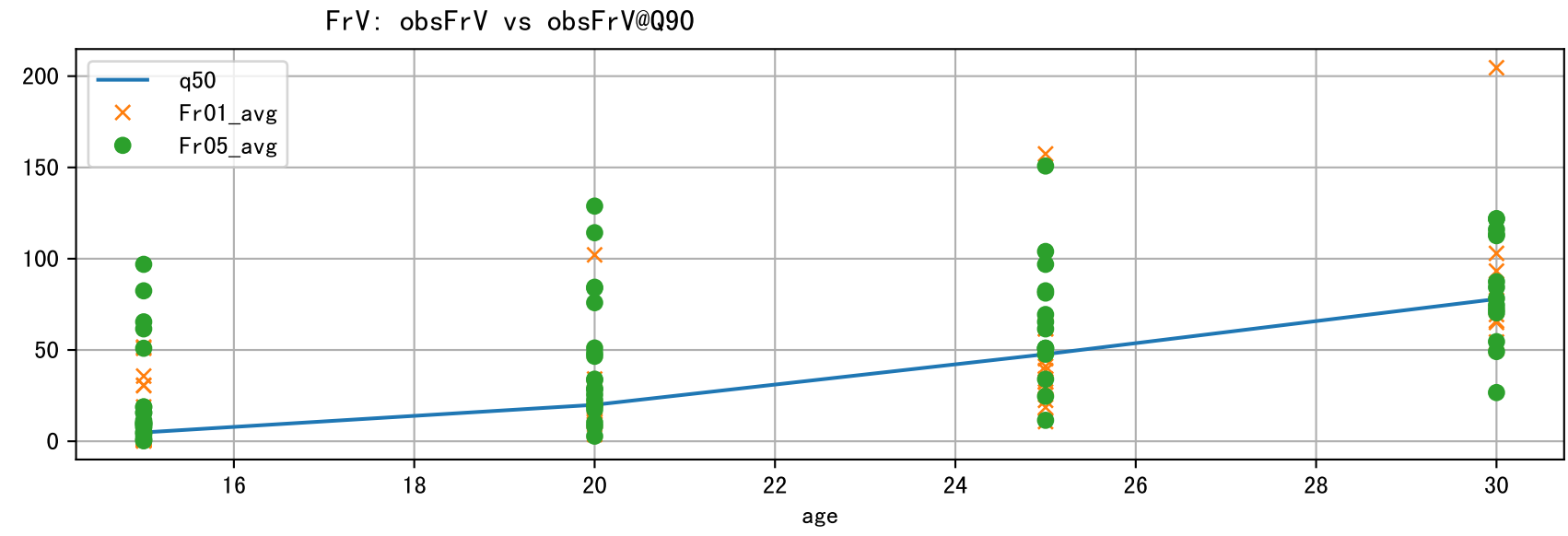


age=30

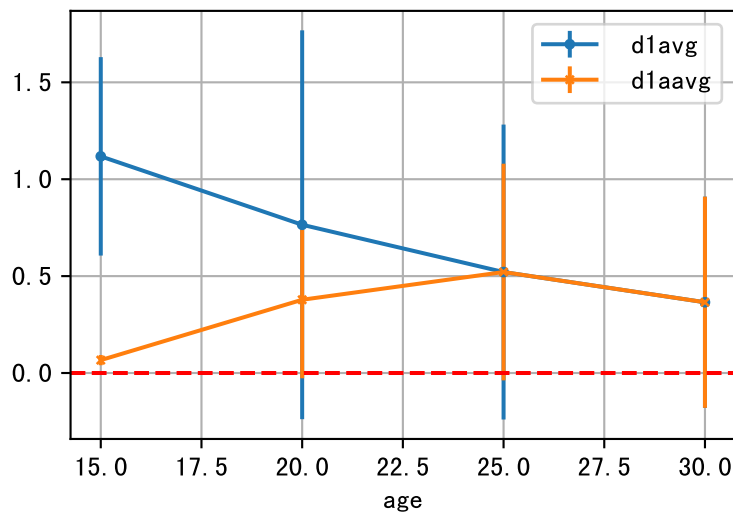


FrV: model Est vs obsFrV at Q90

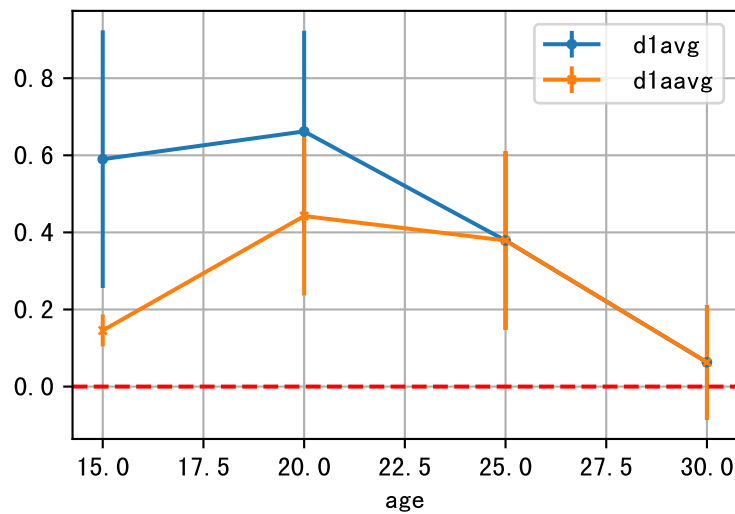




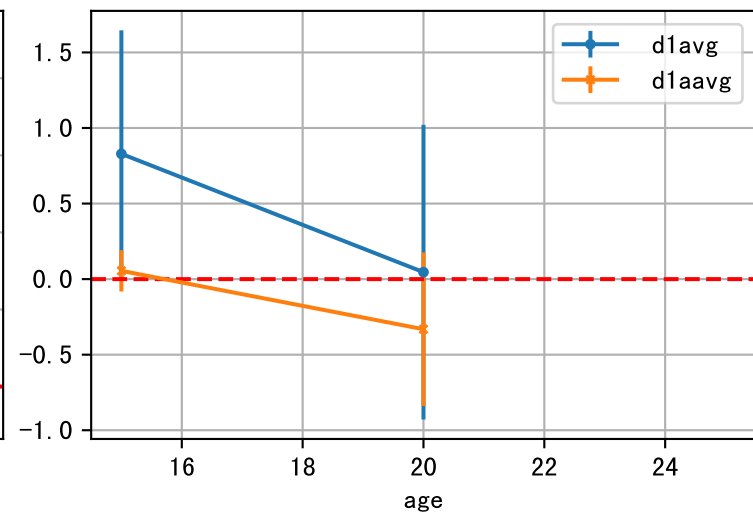
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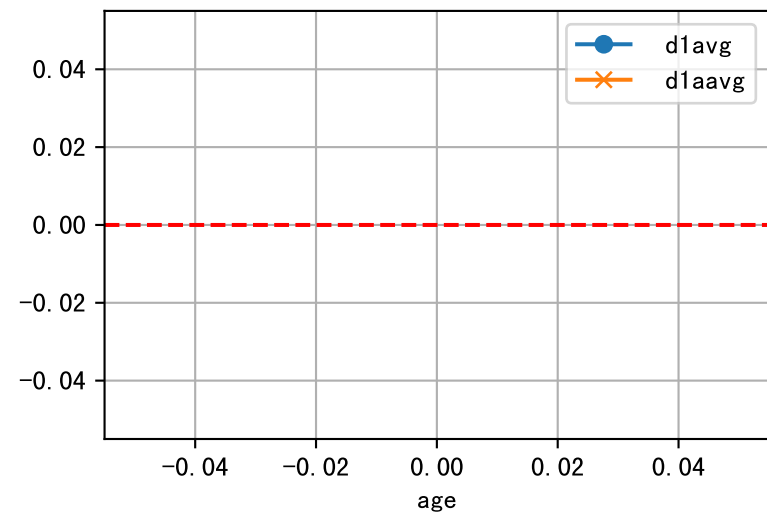
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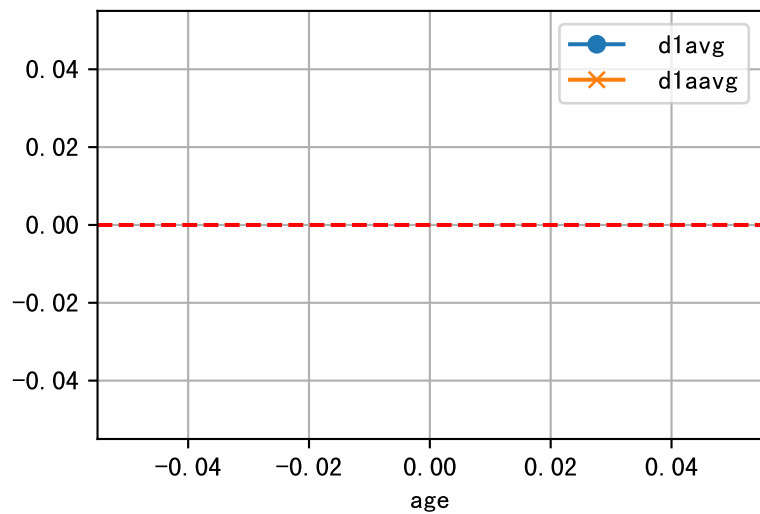
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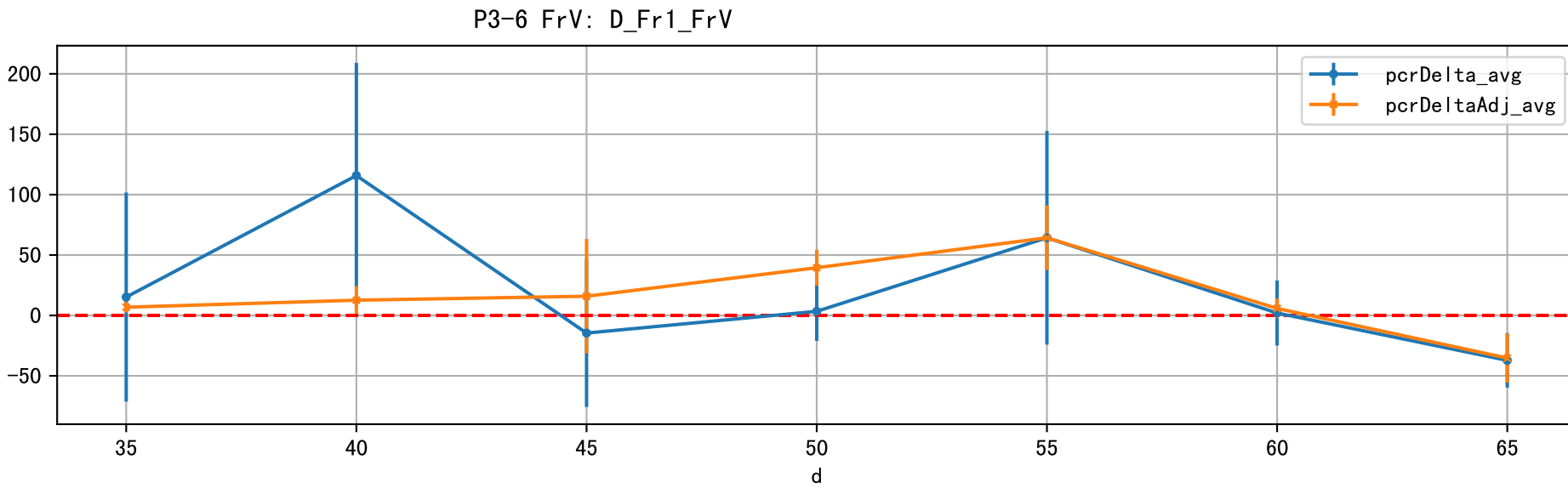


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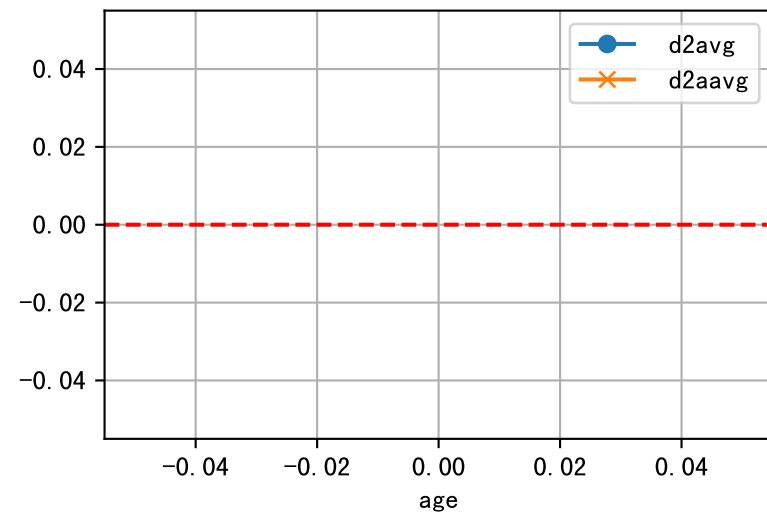


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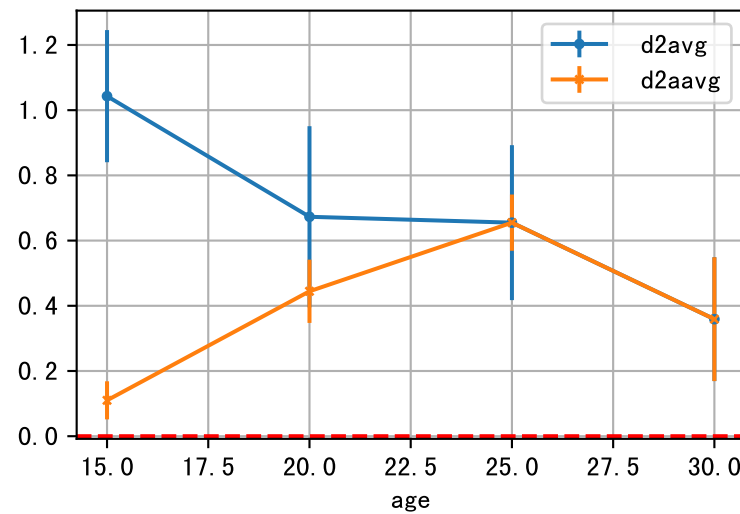




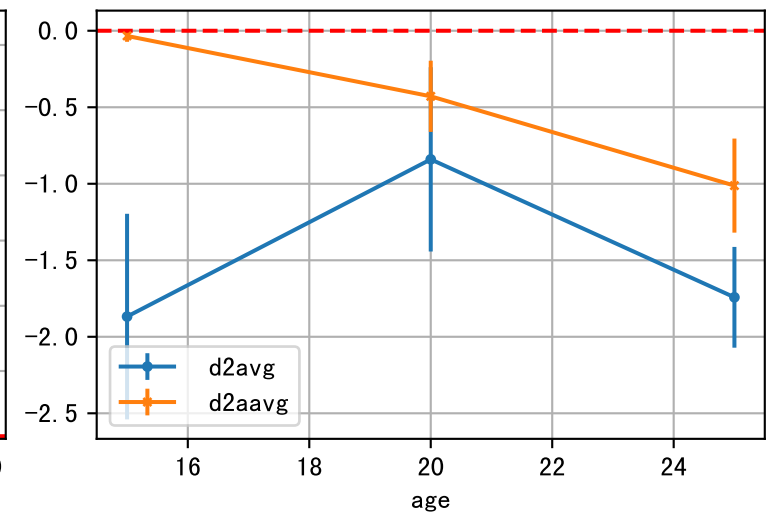
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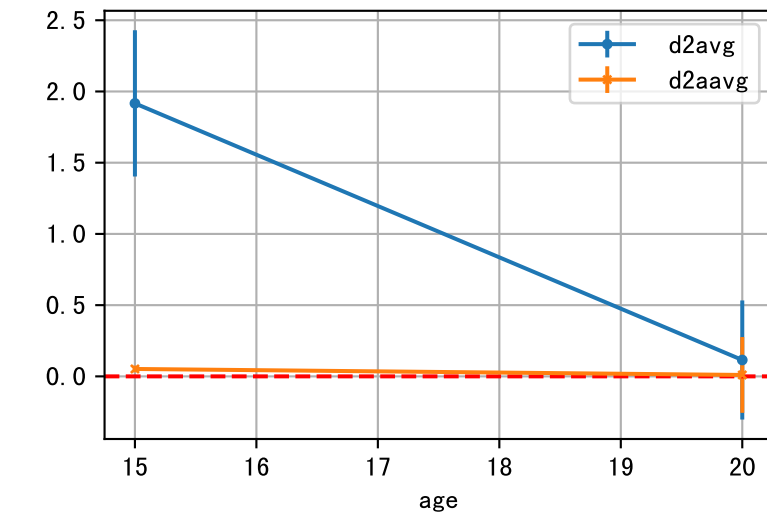
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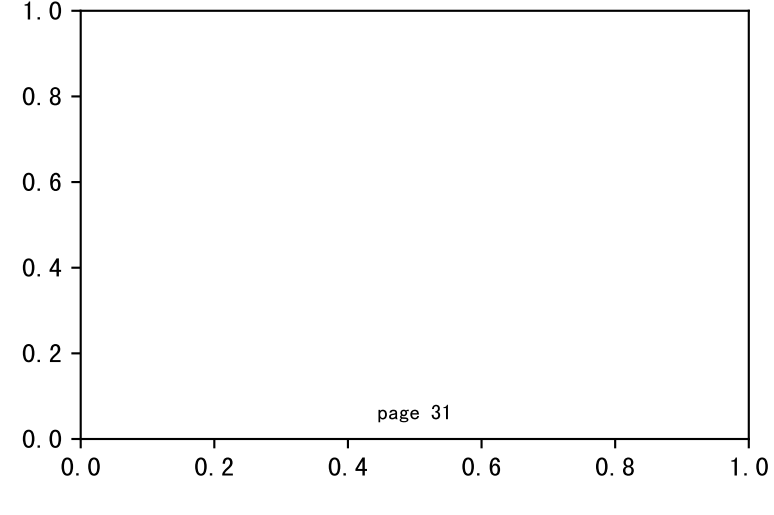
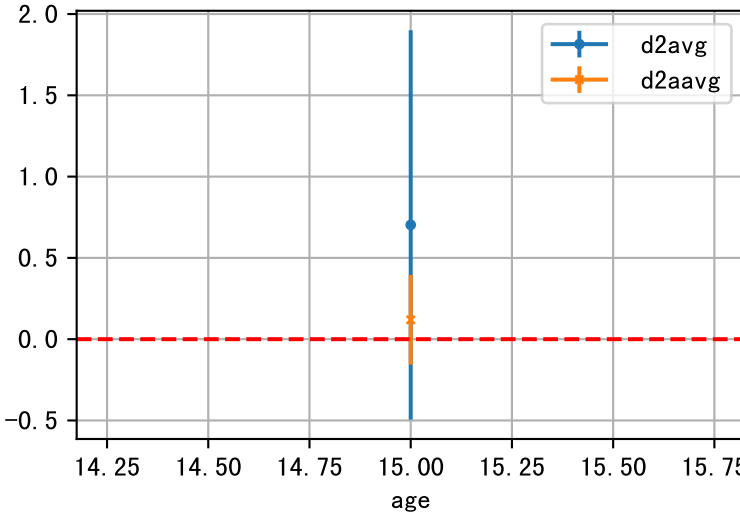
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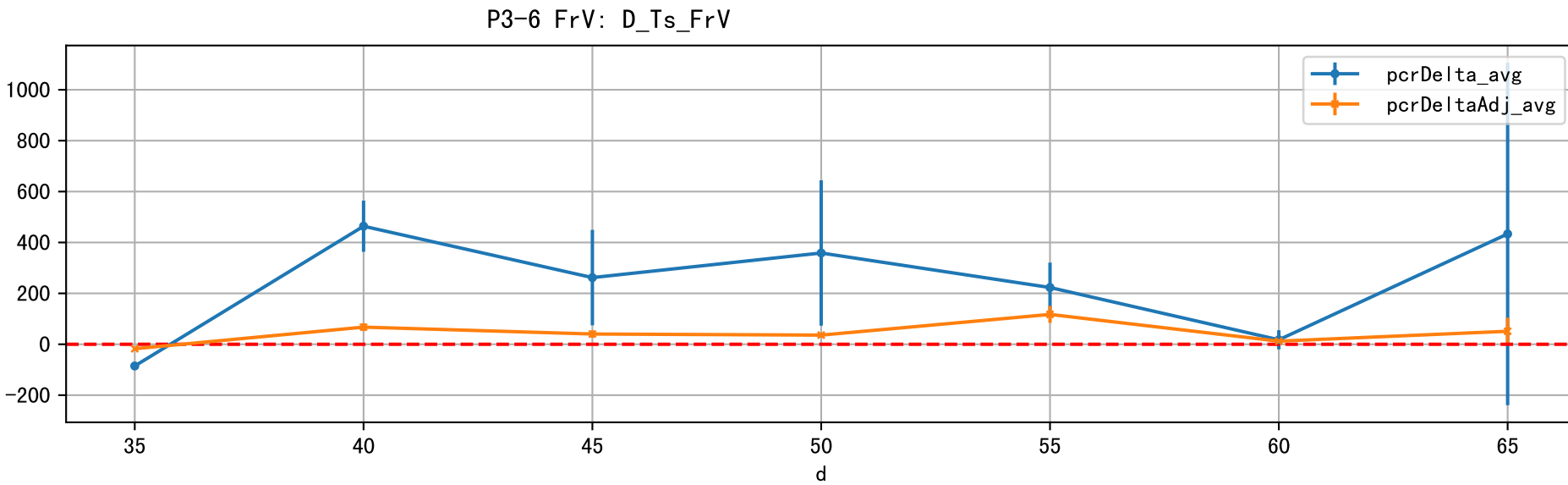


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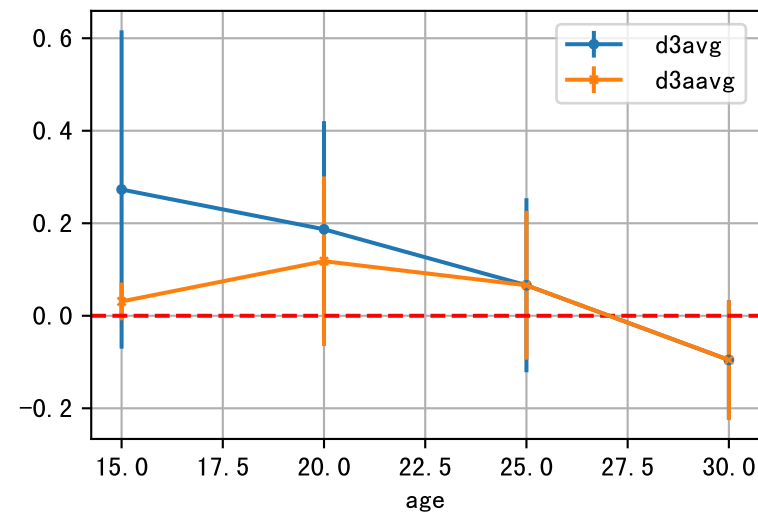


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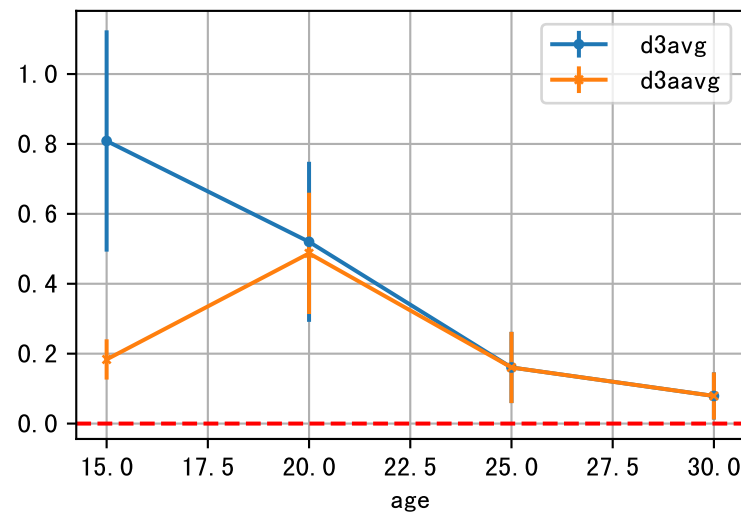




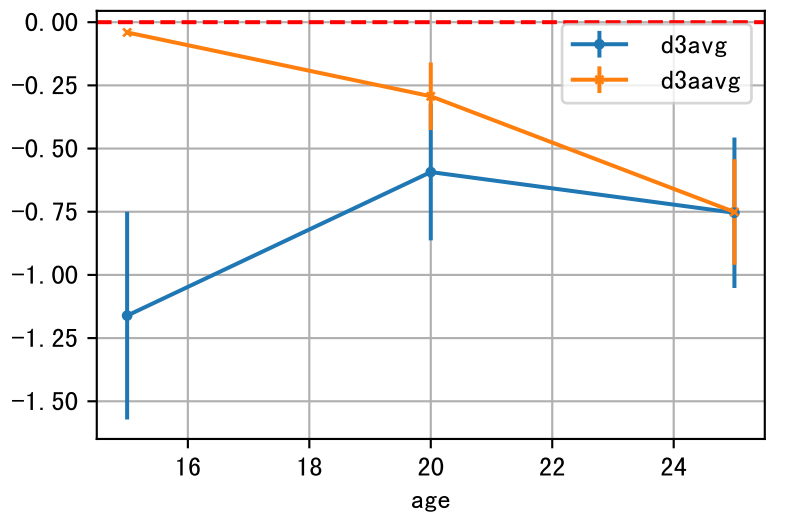
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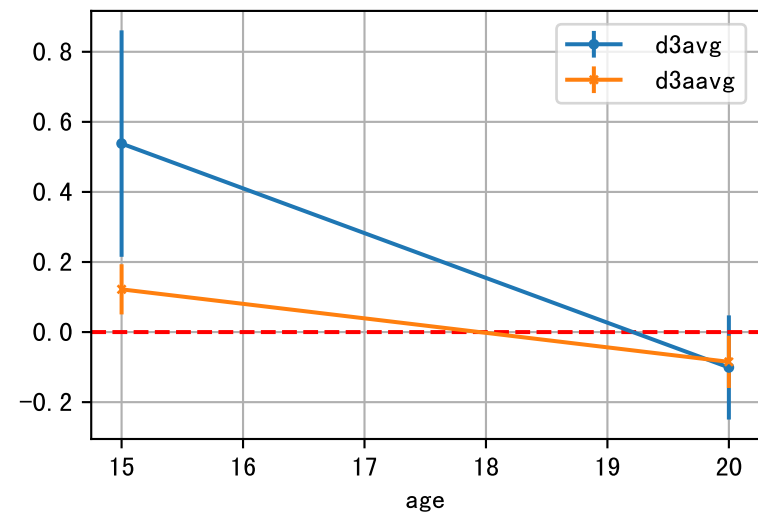
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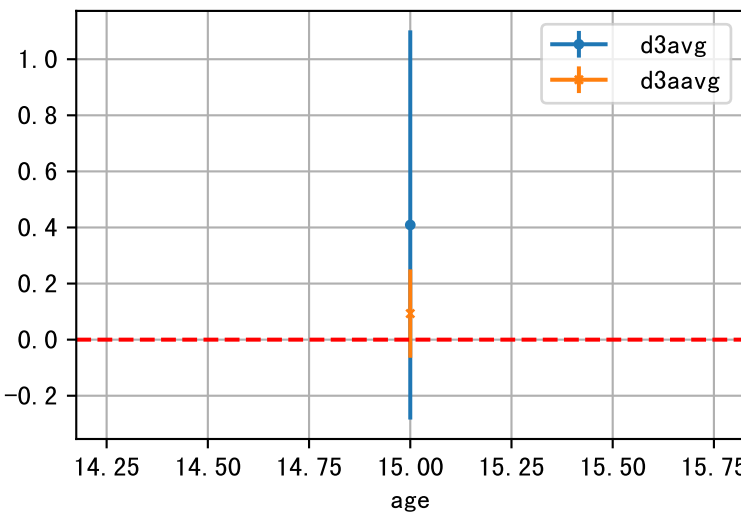
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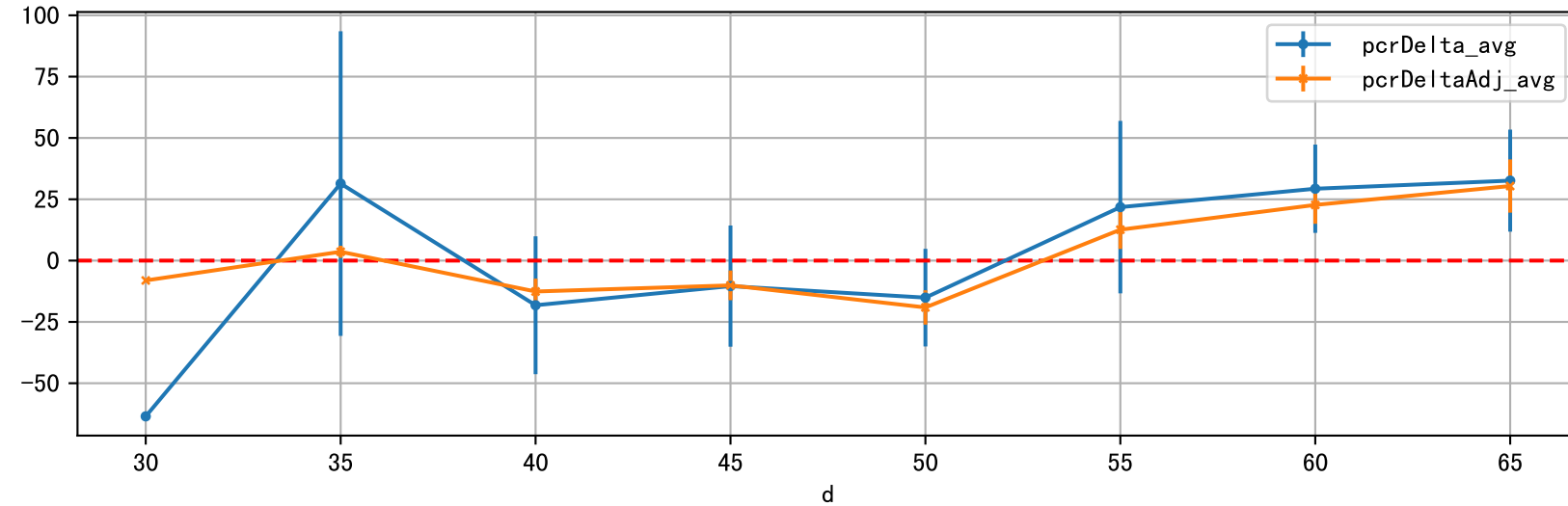
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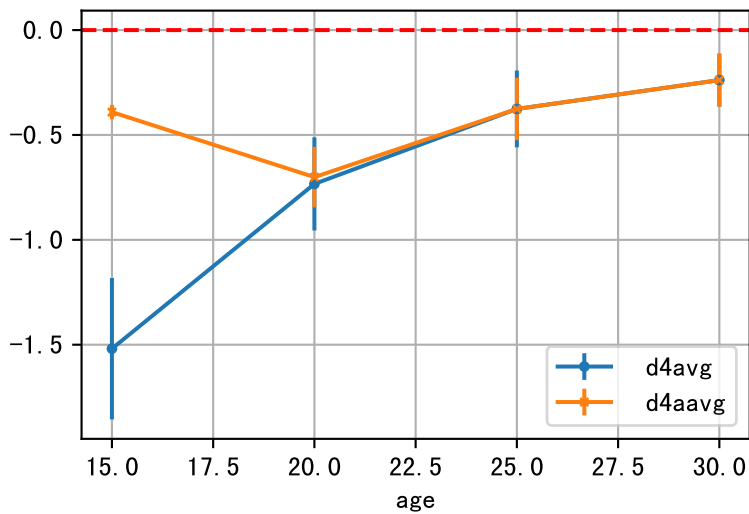
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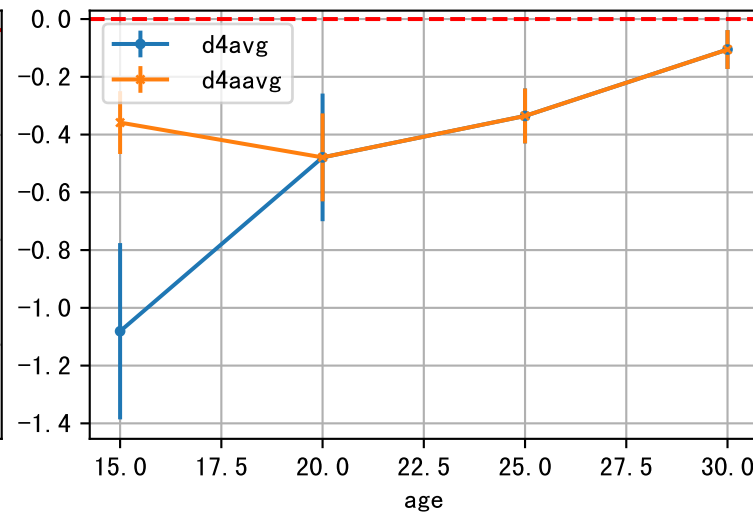
P3-6 FrV: D\_Q50\_FrV



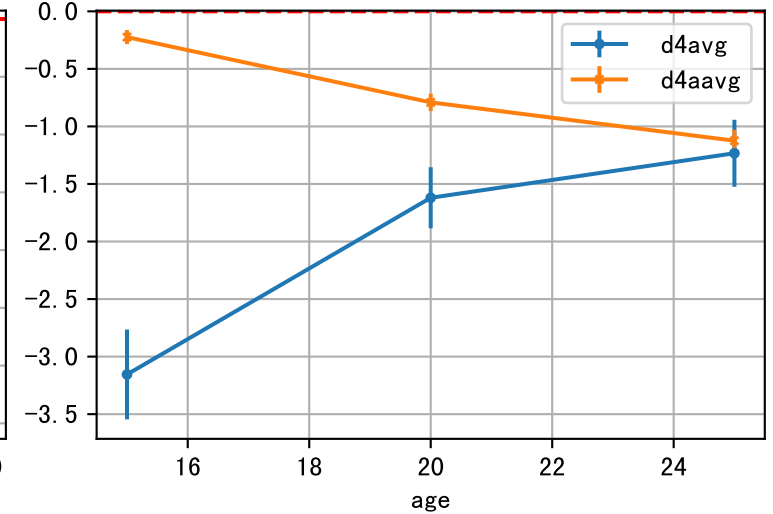
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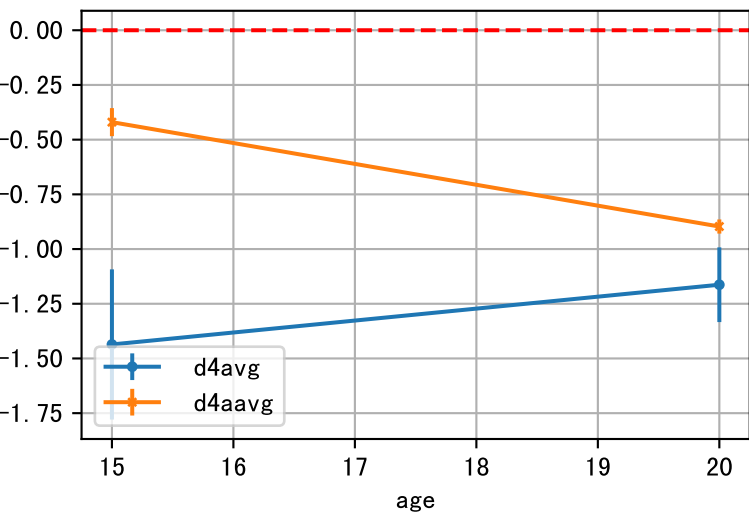
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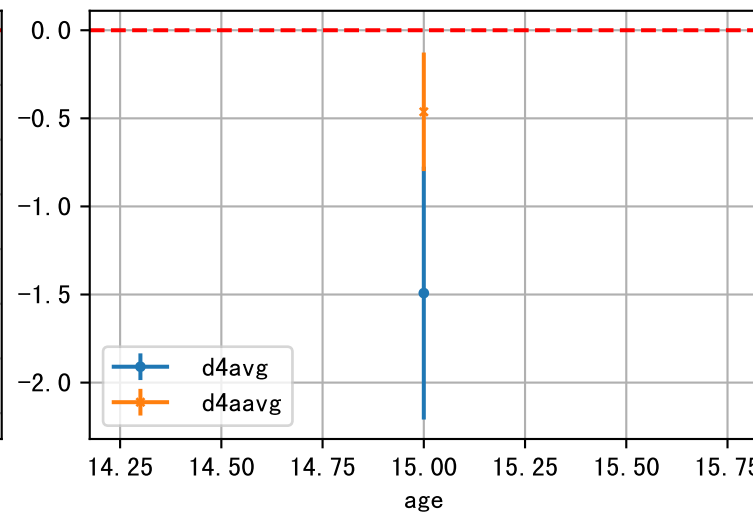
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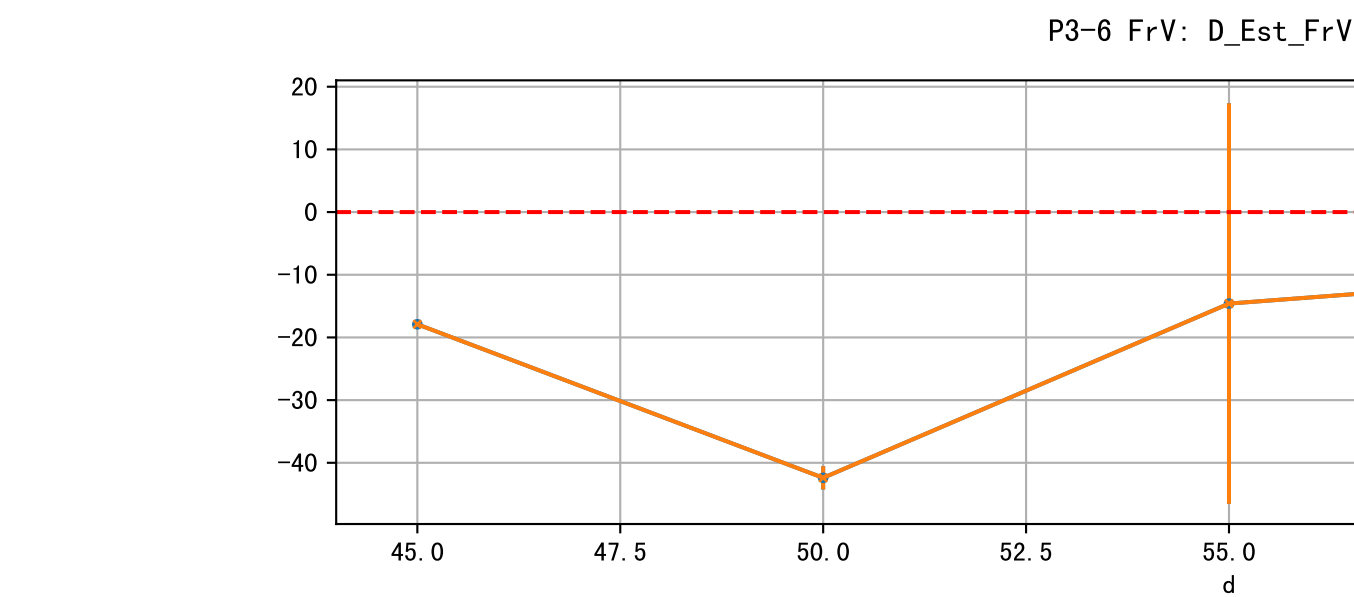


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organID=5





P3-6 FrV: sfDem

