

Phenotype Data Analysis Plots

PhenoData day range = 12 - 77

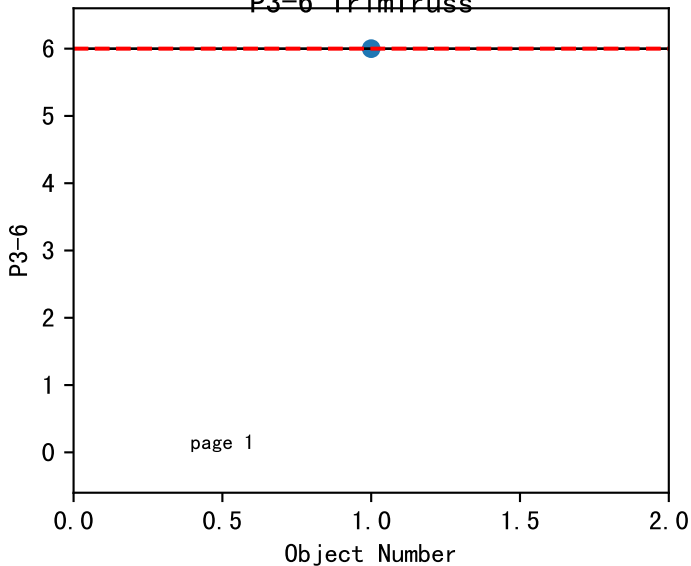
Analysis cutoff day = 77

NC11 P3-6

2025-06-15 (Day 78)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0 avg2=na
P3-6 TrimTruss

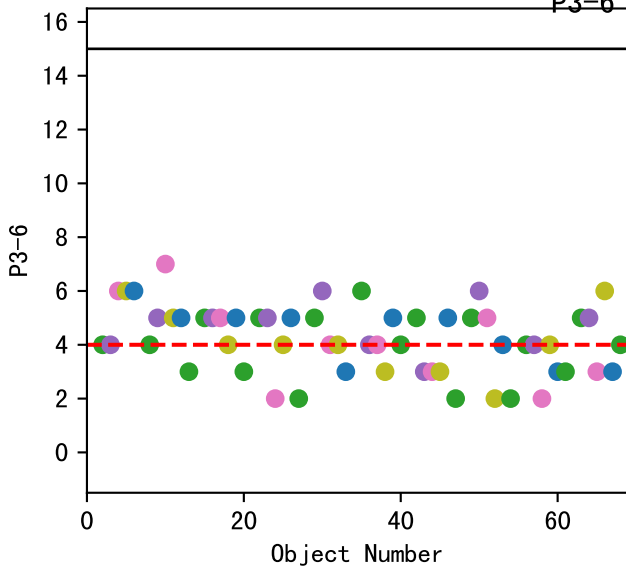


page 1

FruitNumAvgPerTruss (Def=15 Set=4)

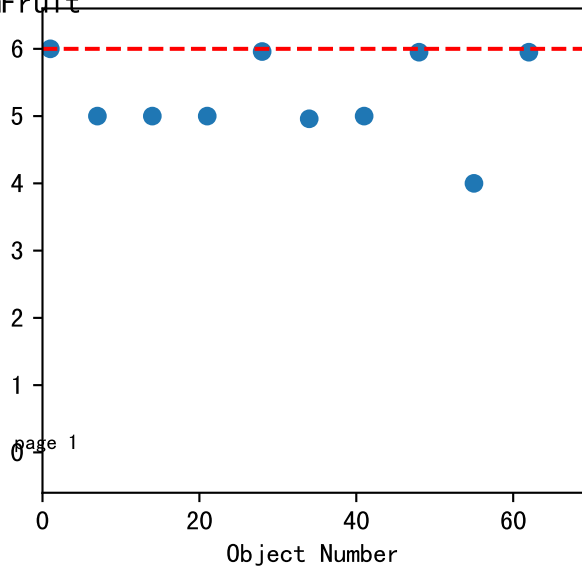
avg1=4.0~31% avg2=na

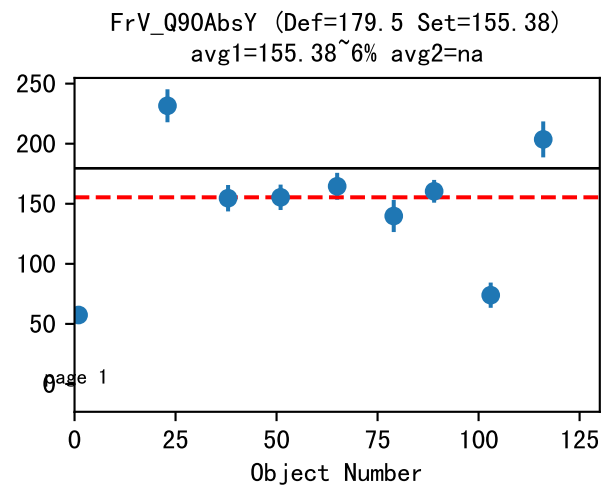
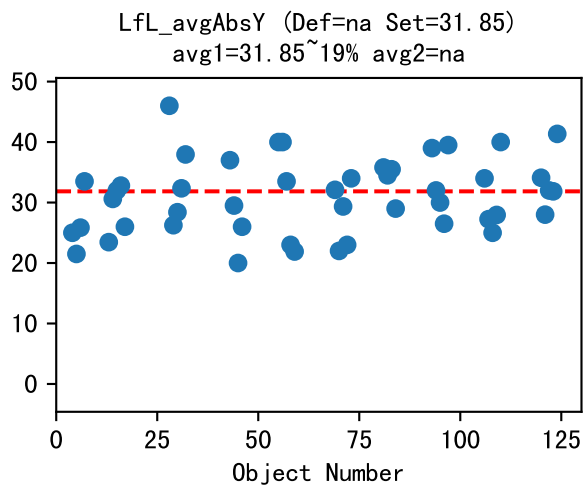
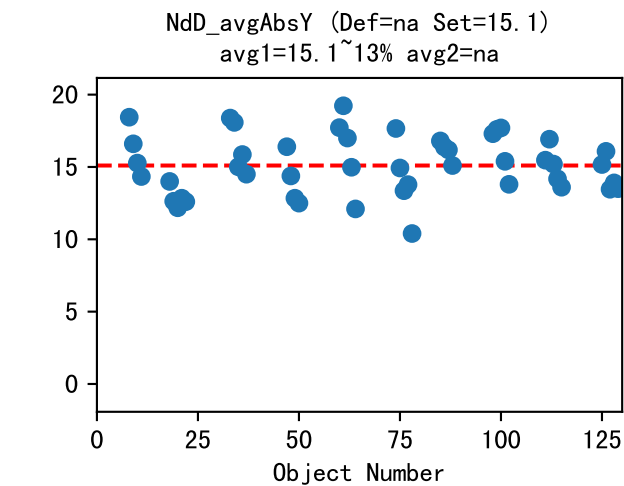
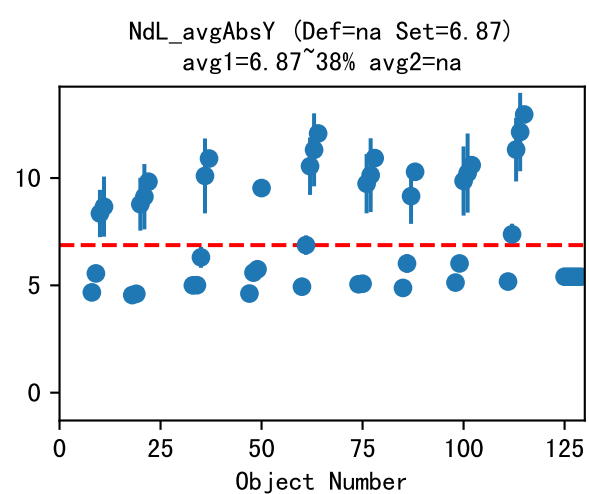
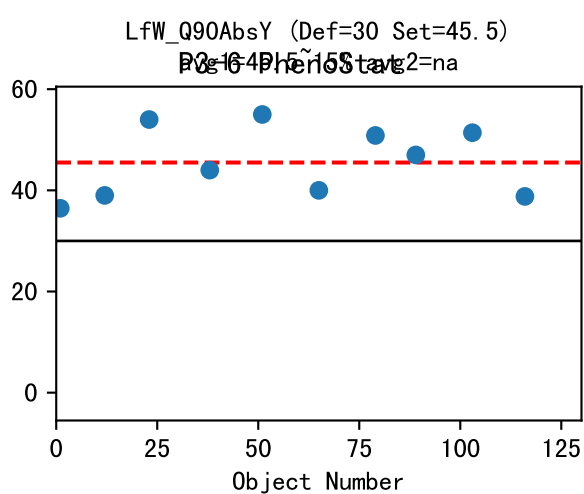
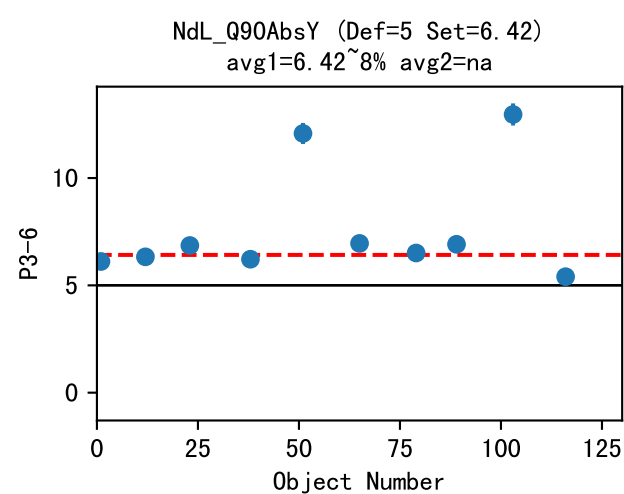
P3-6 TrimFruit



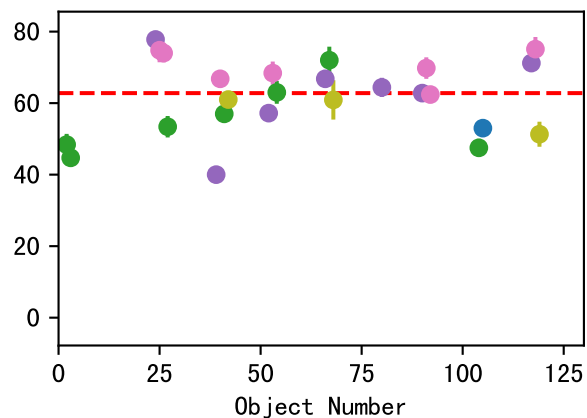
FruitNumMaxPerTruss (Def=na Set=6)

avg1=6.0~11% avg2=na

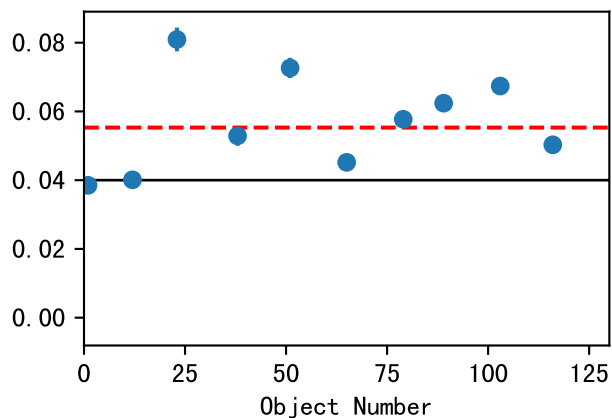




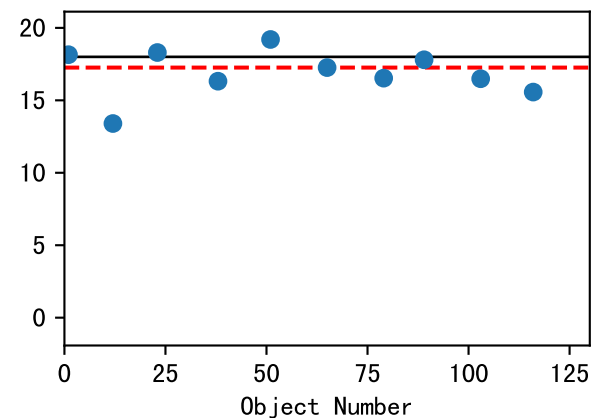
FrD_avgAbsY (Def=na Set=62.8)
avg1=62.8~16% avg2=na



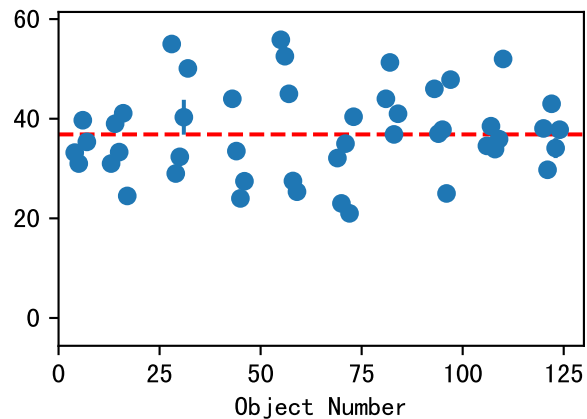
LfA_Q90AbsY (Def=0.04 Set=0.06)
avg1=0.06~25% avg2=na



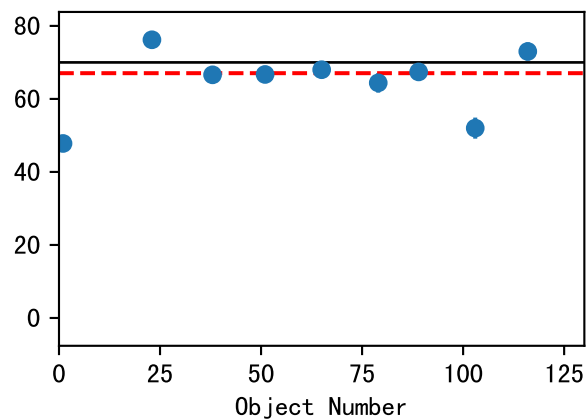
NdD_Q90AbsY (Def=18 Set=17.26)
avg1=17.26~7% avg2=na



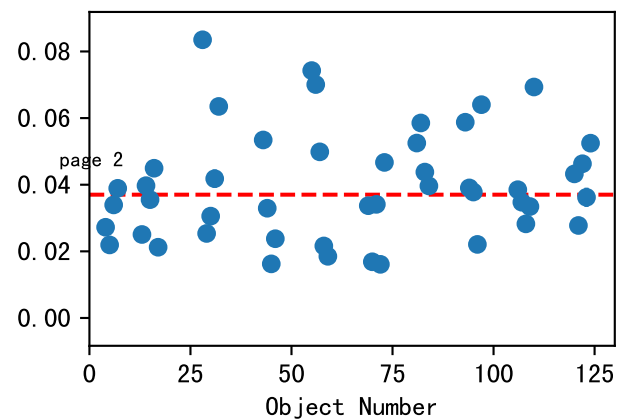
LfW_avgAbsY (Def=na Set=36.85)
avg1=36.85~24% avg2=na



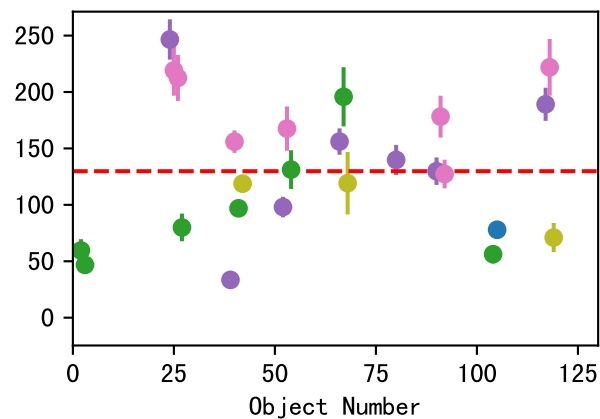
FrD_Q90AbsY (Def=70 Set=67.05)
avg1=67.05~4% avg2=na



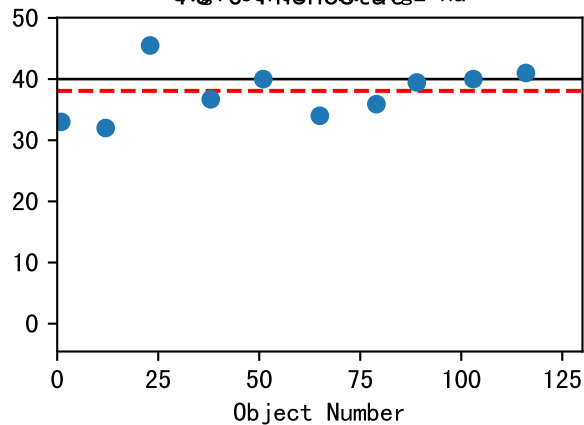
LfA_avgAbsY (Def=na Set=0.04)
avg1=0.04~41% avg2=na



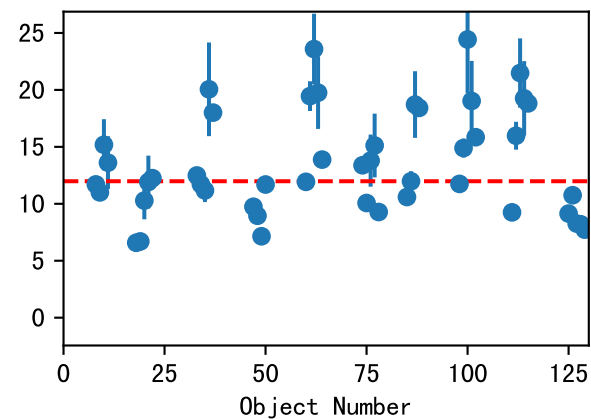
FrV_avgAbsY (Def=na Set=129.83)
avg1=129.83~46% avg2=na



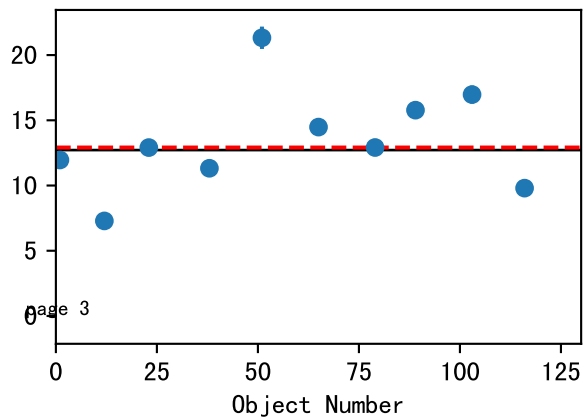
LfL_Q90AbsY (Def=40 Set=38.08)
avg1=38.08~15% avg2=na



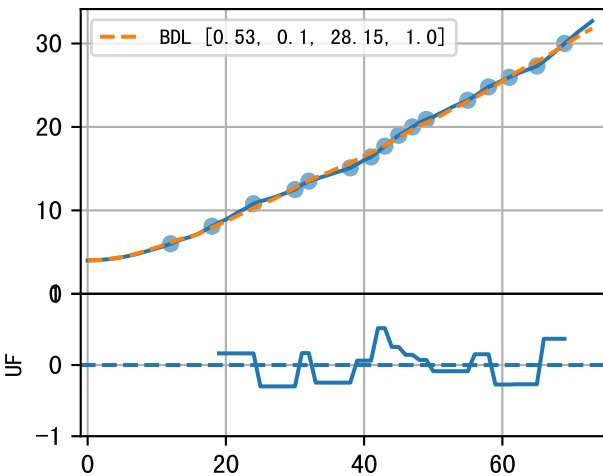
NdV_avgAbsY (Def=na Set=11.98)
avg1=11.98~38% avg2=na



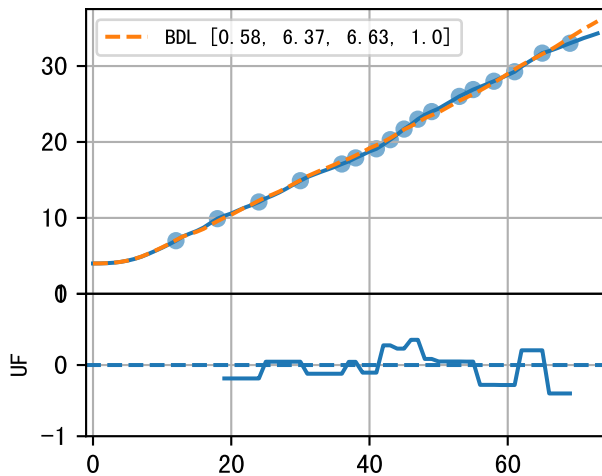
NdV_Q90AbsY (Def=12.72 Set=12.91)
avg1=12.91~30% avg2=na



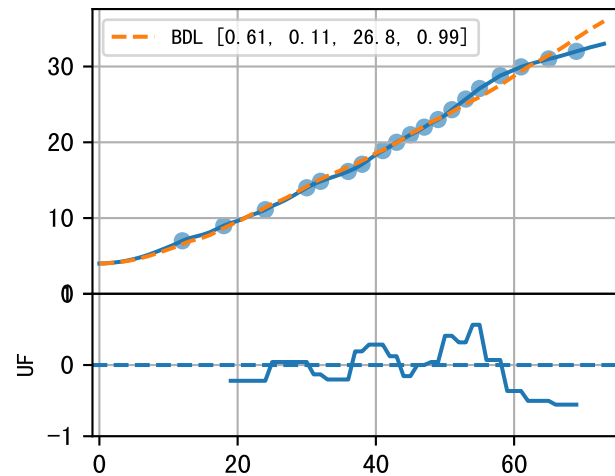
P3-6-003-24 (fit failed)



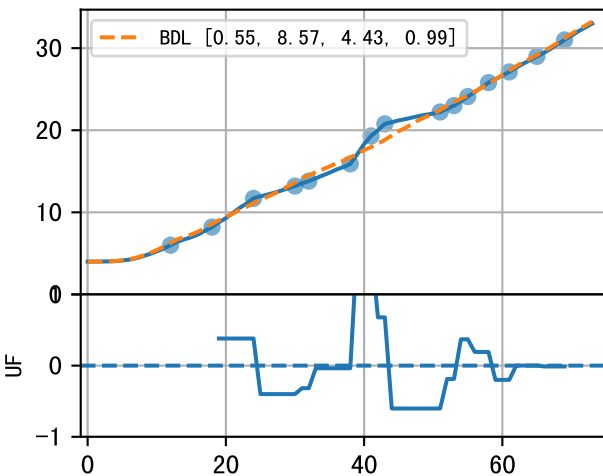
P3-6-007-11 (fit failed)



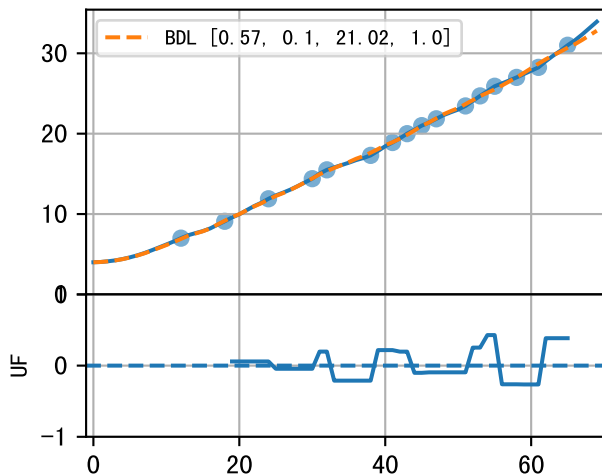
P3-6-011-7 (fit failed)



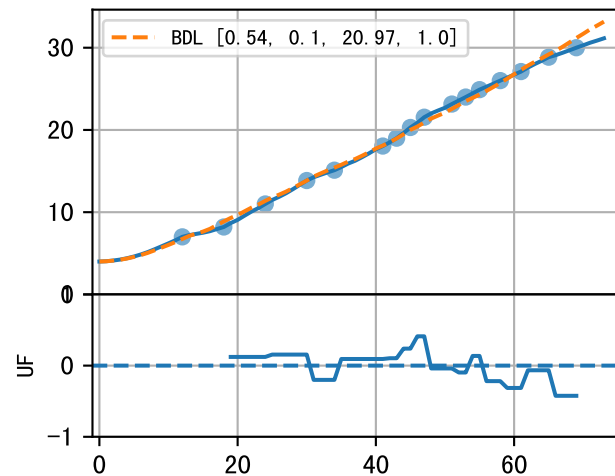
P3-6-015-30 (fit failed)



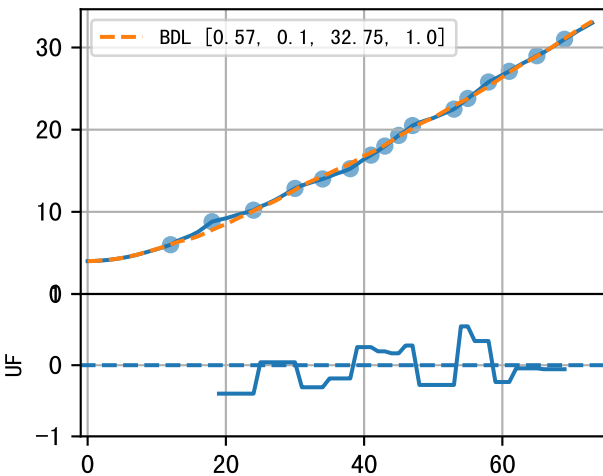
P3-6-019-12 (fit failed)



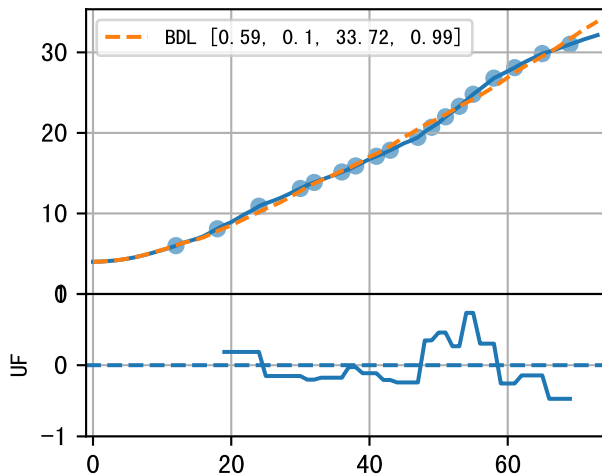
P3-6-024-25 (fit failed)



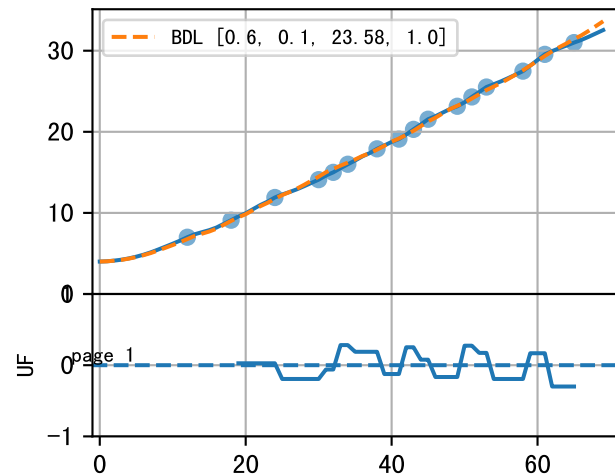
P3-6-028-32 (fit failed)



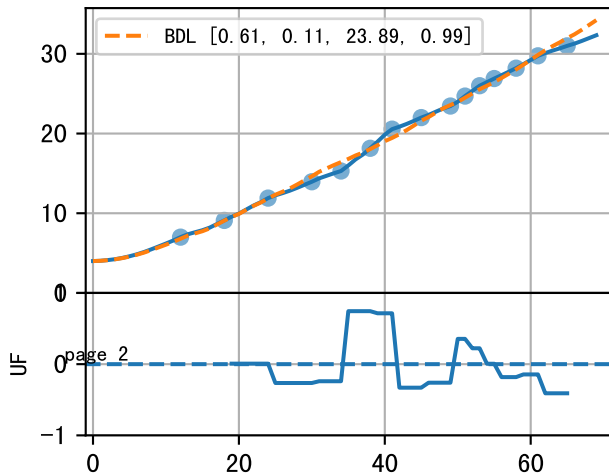
P3-6-033-9 (fit failed)



P3-6-038-21 (fit failed)



P3-6-042-4 (fit failed)



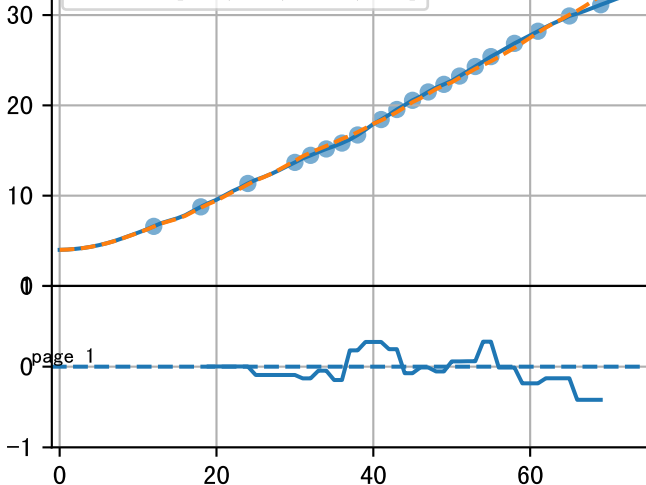
P3-6avg (fit failed)

NdN

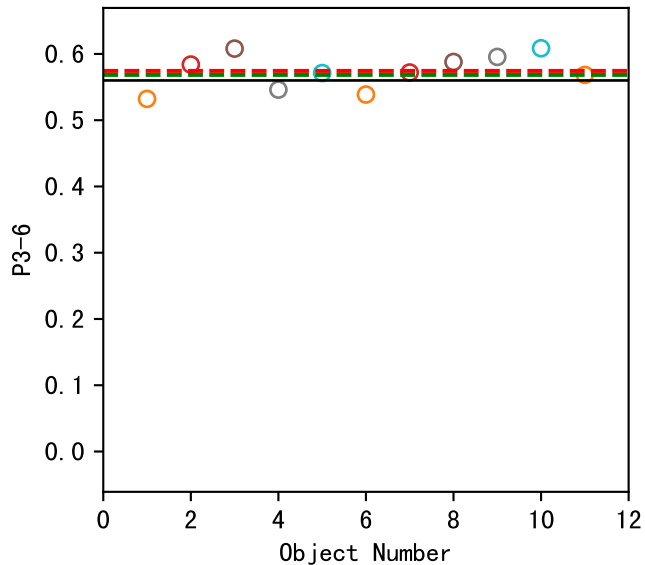
BDL [0.57, 0.1, 24.51, 1.0]

UF

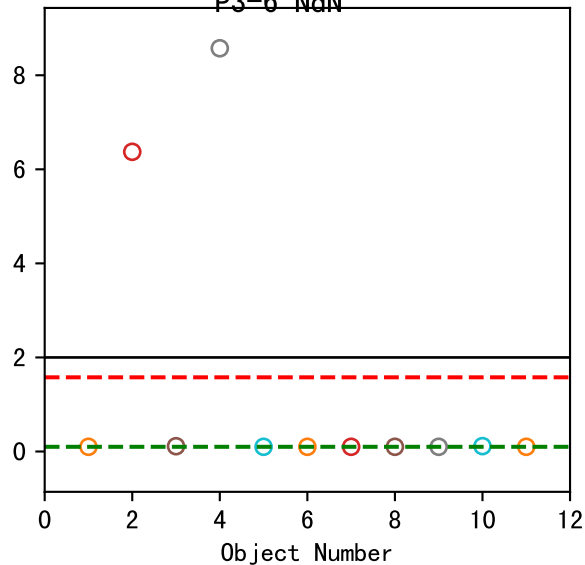
page 1



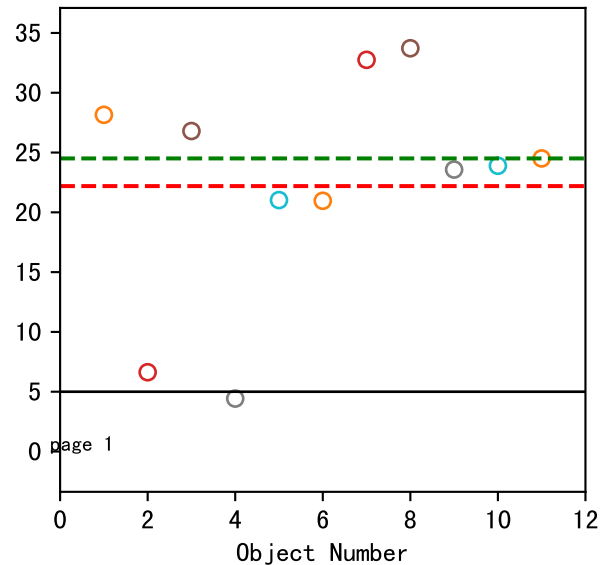
a (Def=0.56 Set=0.57)
avg1=0.57(fail) avg2=0.57



dm (Def=2 Set=0.1)
avg1=1.58(fail) avg2=0.1



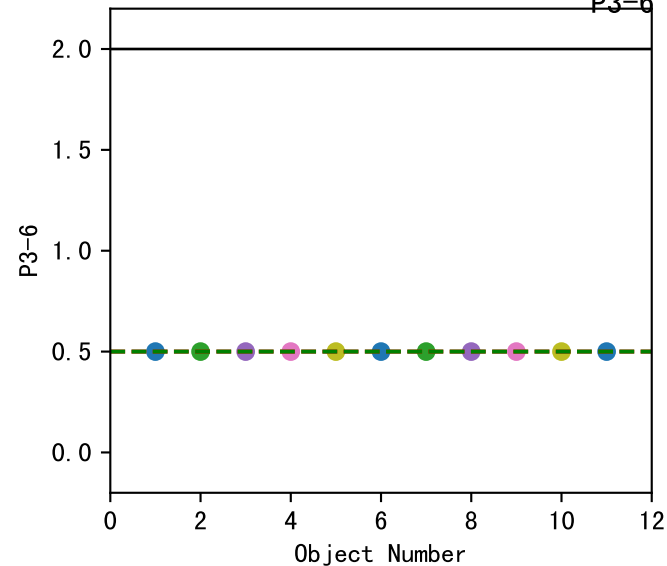
de (Def=5 Set=24.51)
avg1=22.19(fail) avg2=24.51



InitDev_dm (Def=2 Set=0.5)

avg1=0.5~0% avg2=0.5

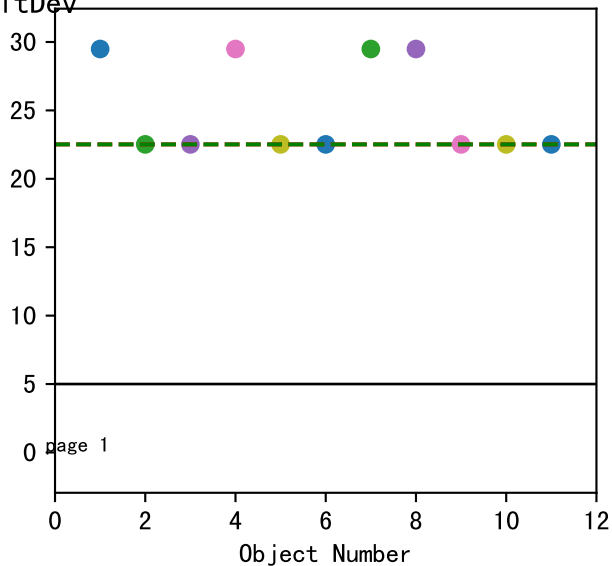
P3-6



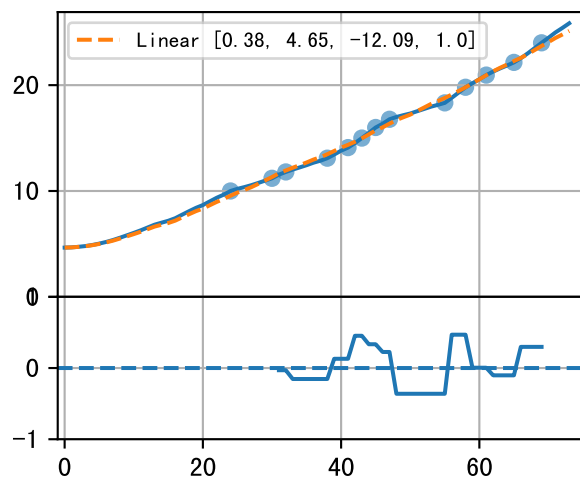
InitDev_de (Def=5 Set=22.52)

avg1=22.52~16% avg2=22.52

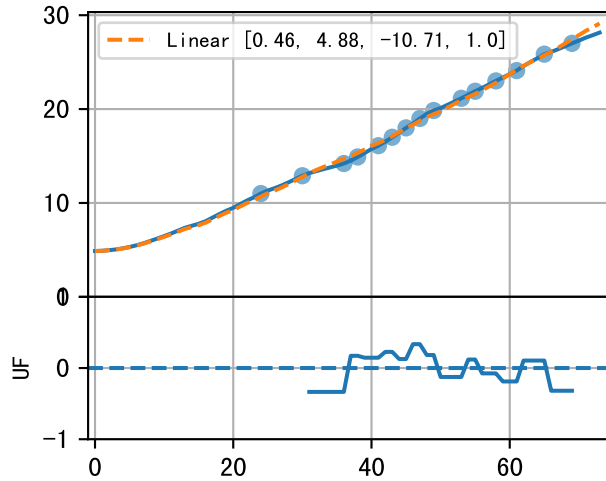
InitDev



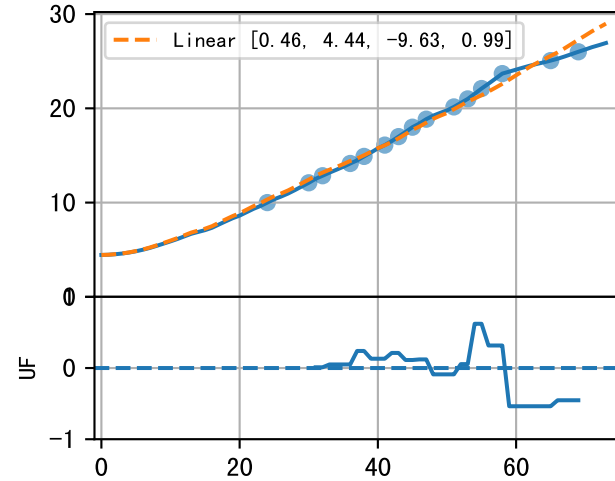
P3-6-003-24



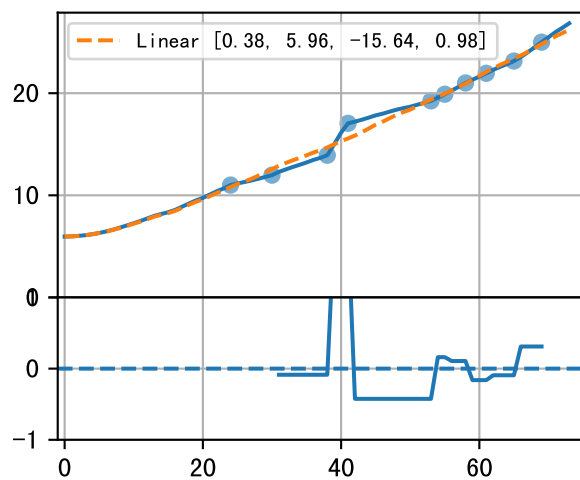
P3-6-007-11



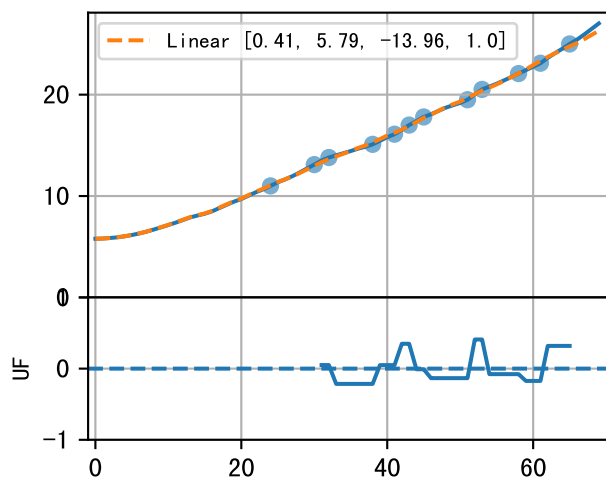
P3-6-011-7



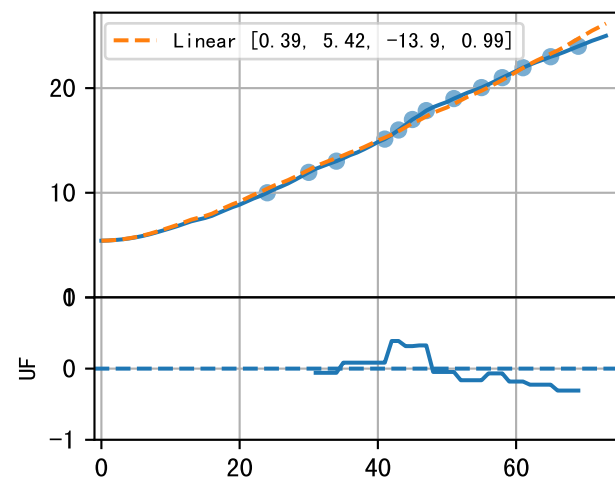
P3-6-015-30



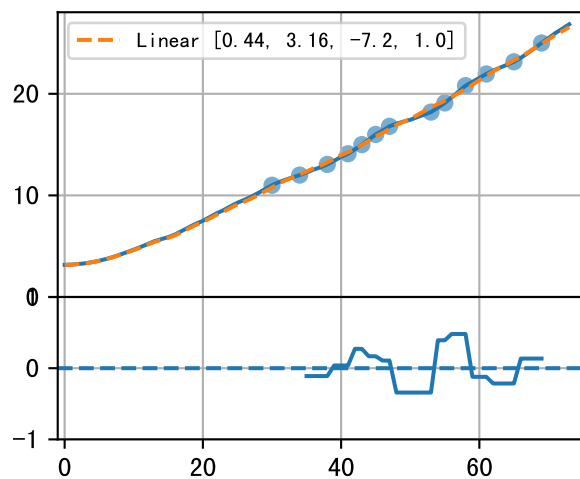
P3-6-019-12



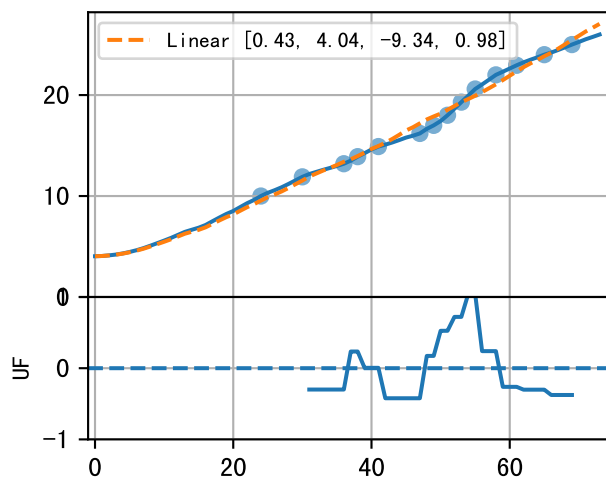
P3-6-024-25



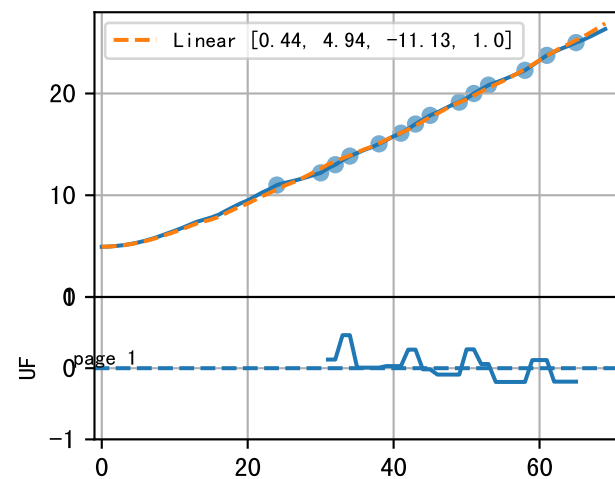
P3-6-028-32



P3-6-033-9

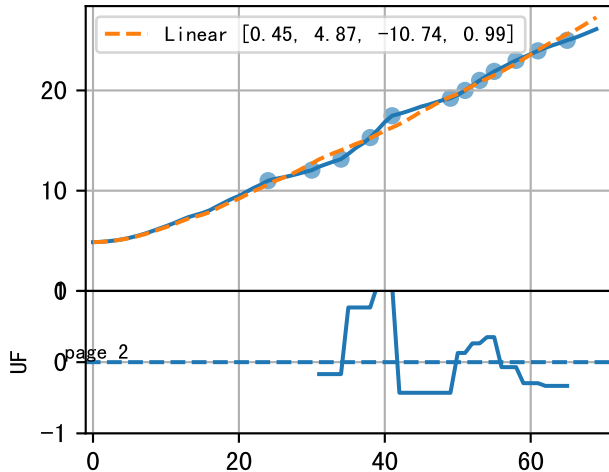


P3-6-038-21



P3-6-042-4

LfN

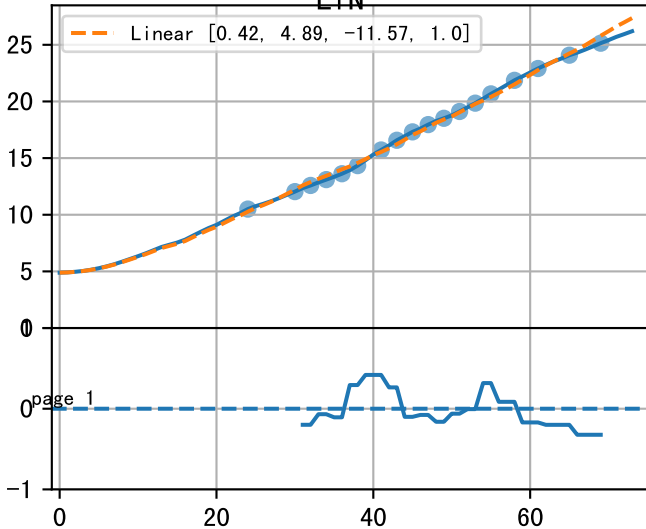


P3-6avg
LfN

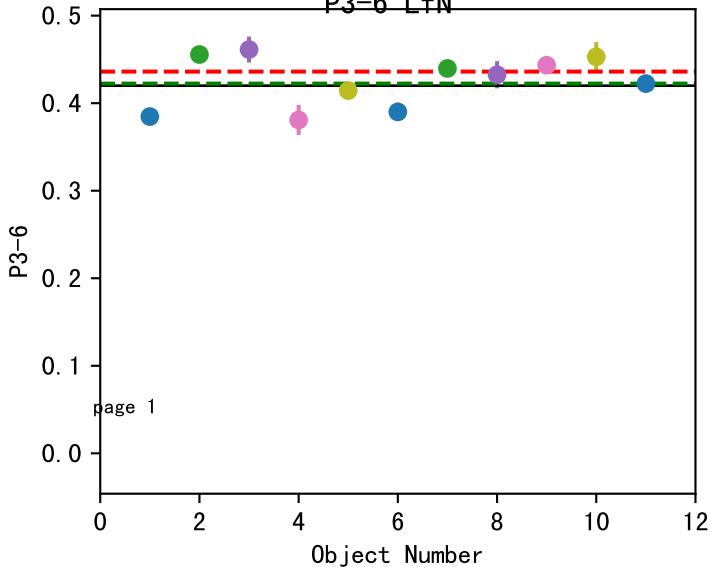
Linear [0.42, 4.89, -11.57, 1.0]

UF

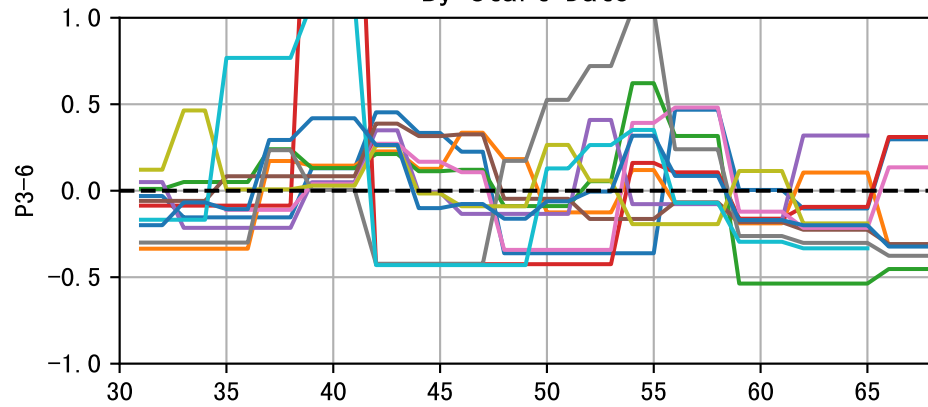
page 1



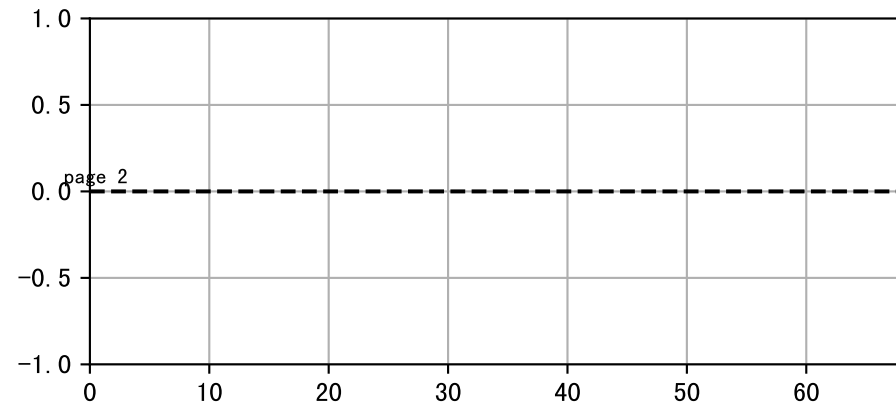
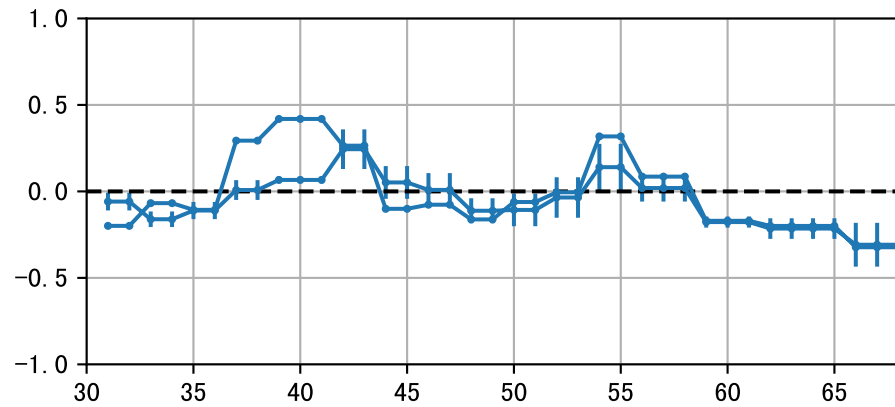
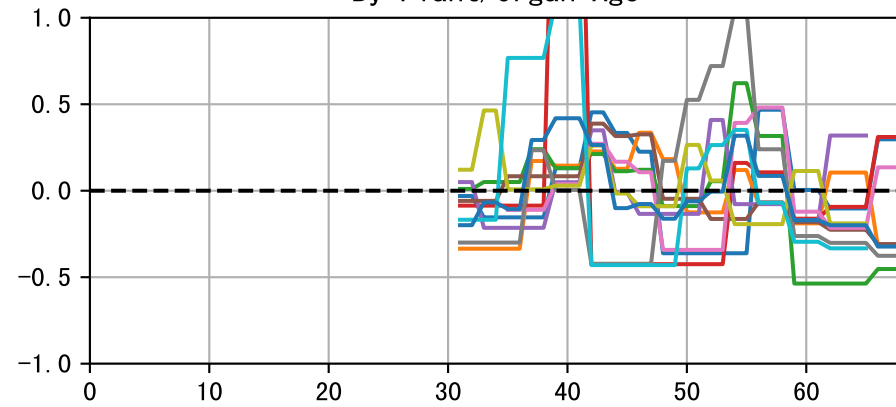
a (Def=0.42 Set=0.42)
 avg1=0.44 $\sim$ 7% avg2=0.42 $\sim$ 5%
 P3-6 LfN



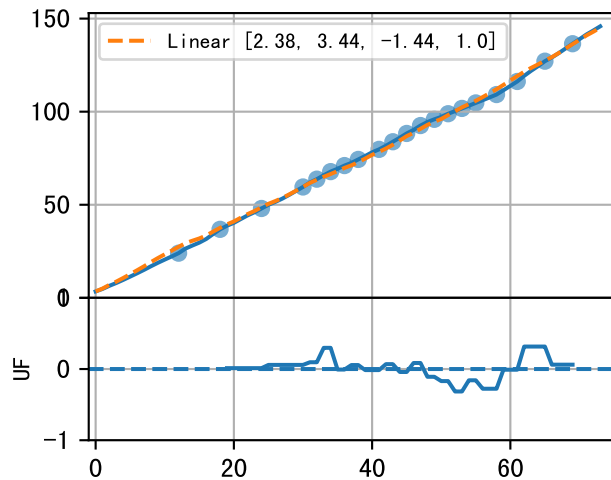
By Start Date



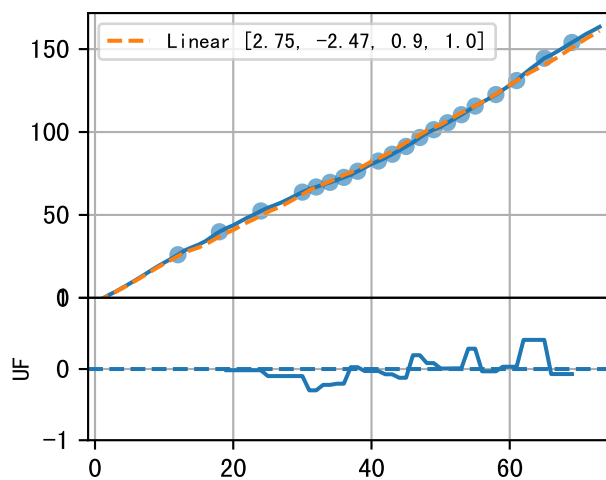
By Plant/Organ Age



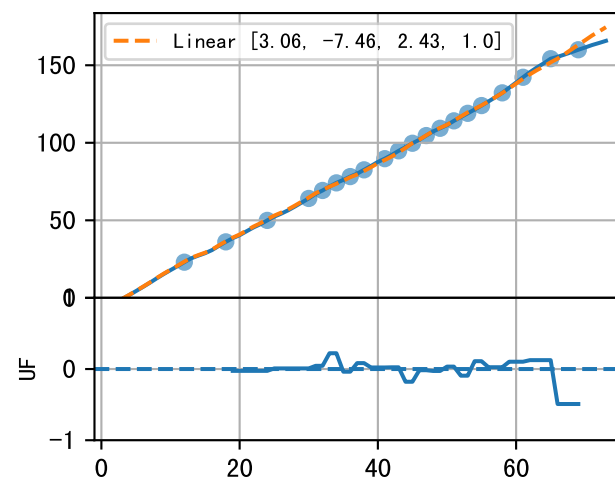
P3-6-003-24



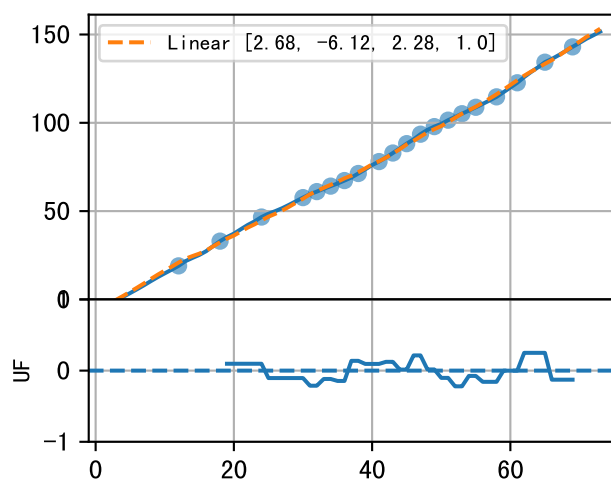
P3-6-007-11



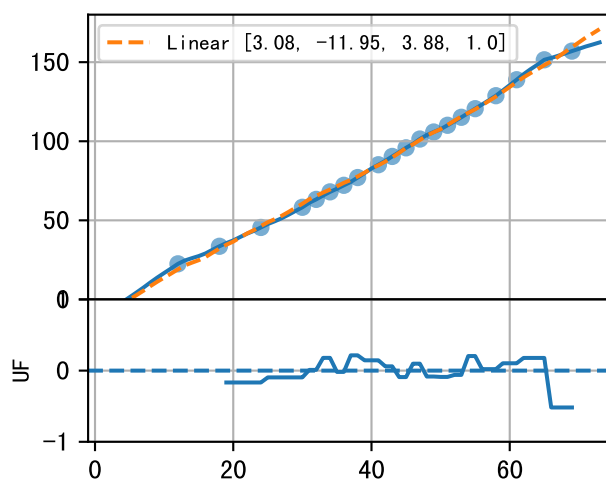
P3-6-011-7



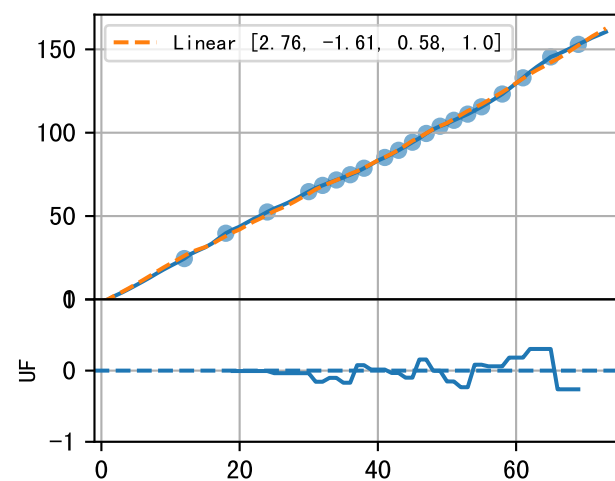
P3-6-015-30



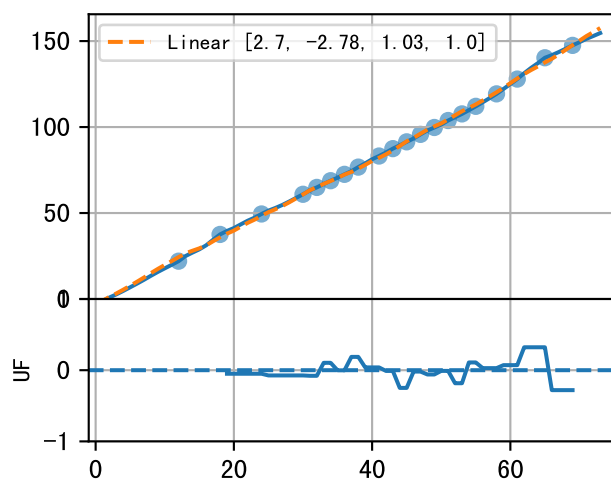
P3-6-019-12



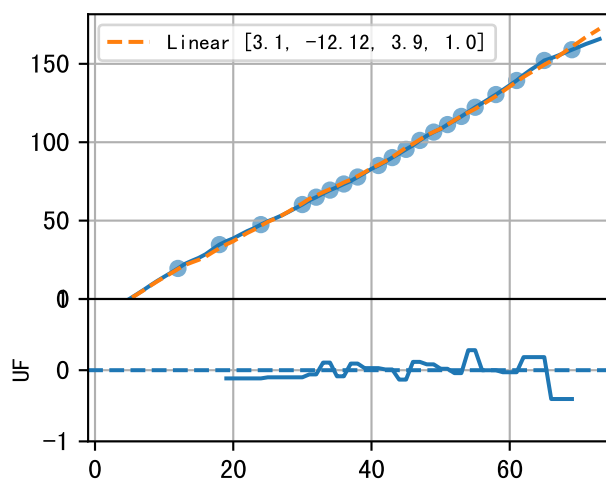
P3-6-024-25



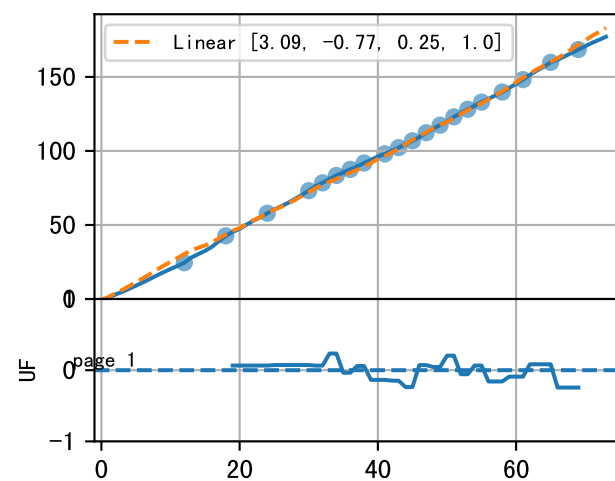
P3-6-028-32



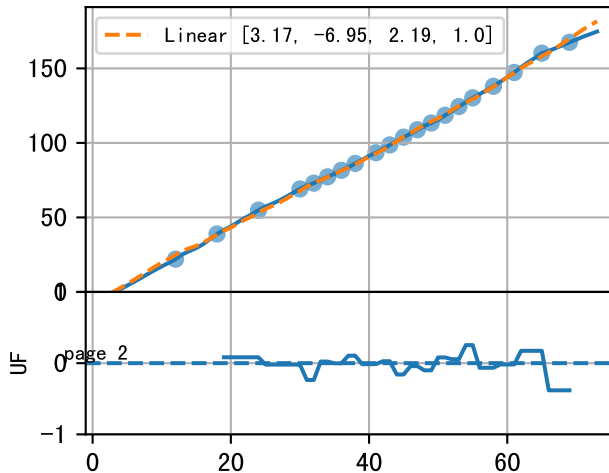
P3-6-033-9



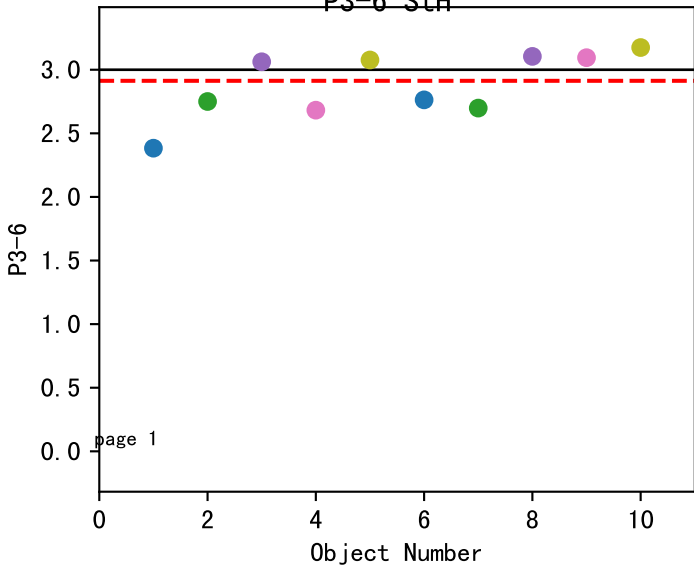
P3-6-038-21



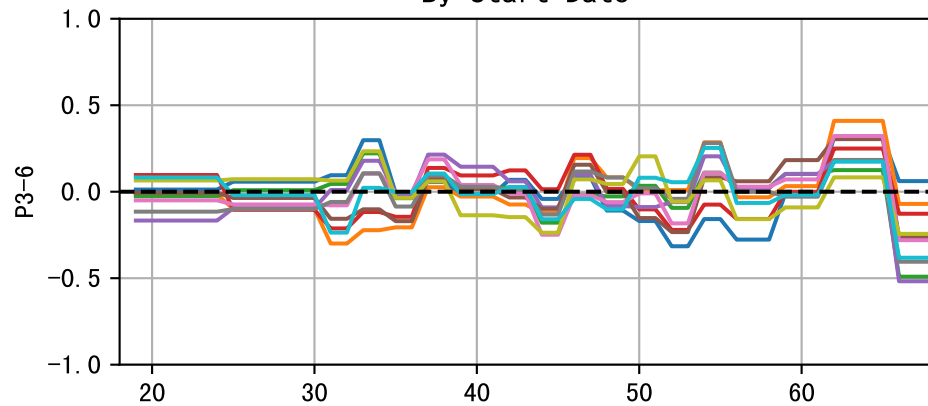
P3-6-042-4



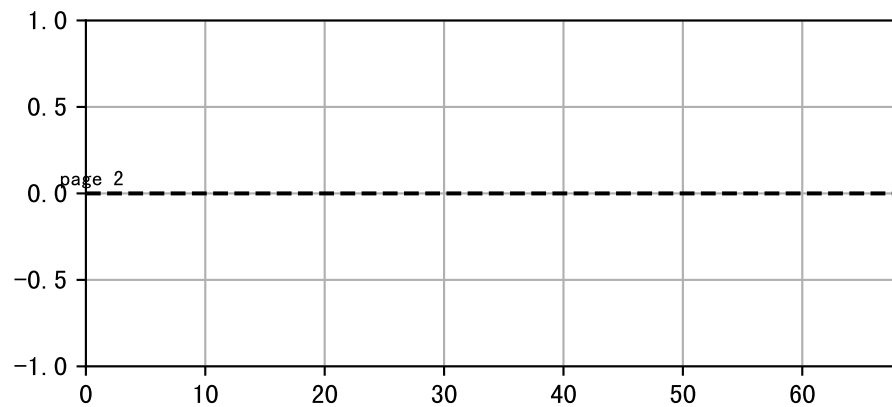
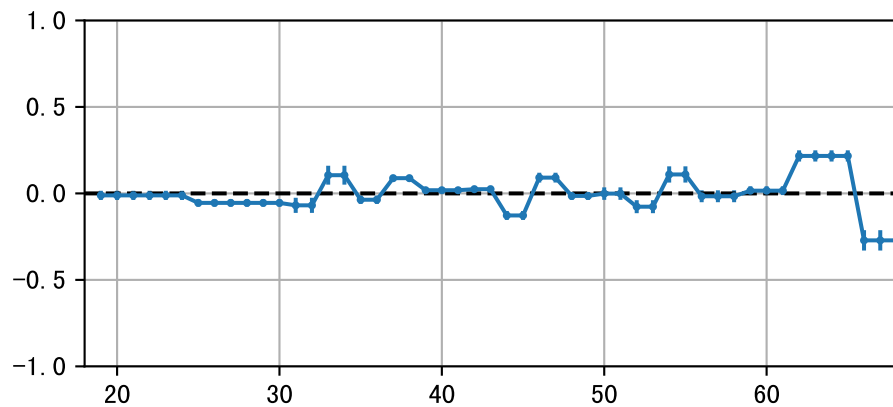
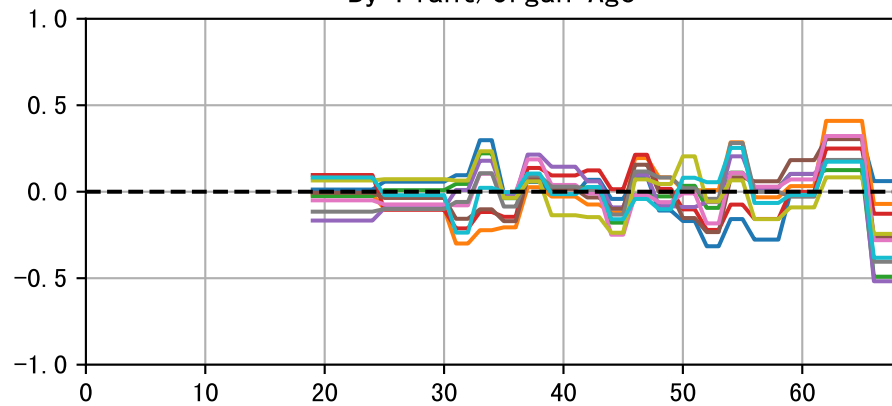
a (Def=3 Set=2.91)
avg1=2.91~9% avg2=na
P3-6 StH



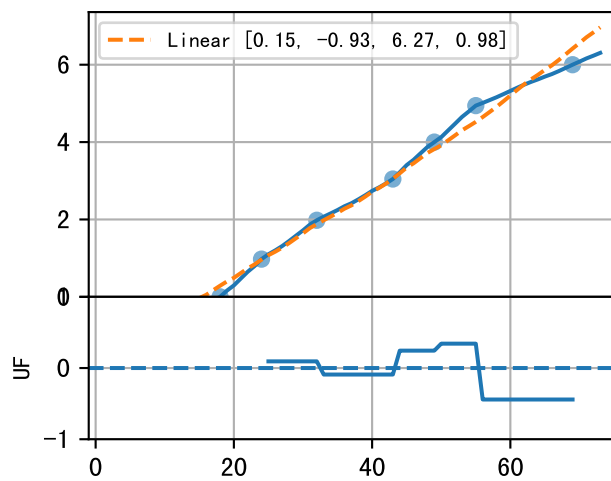
By Start Date



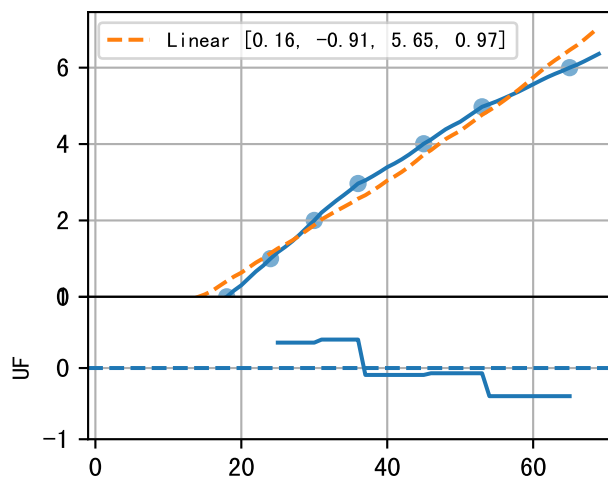
By Plant/Organ Age



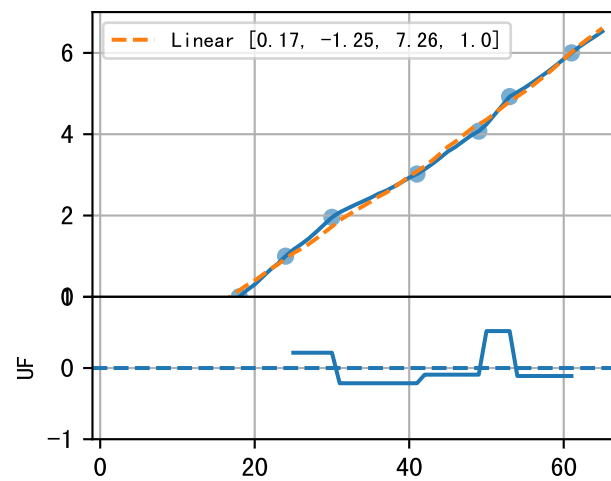
P3-6-003-24



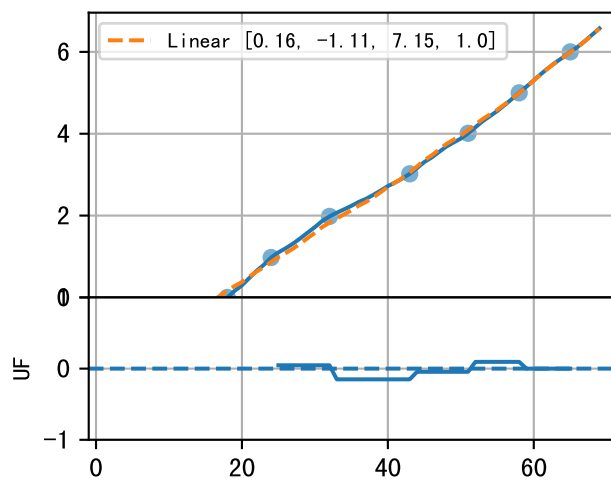
P3-6-007-11



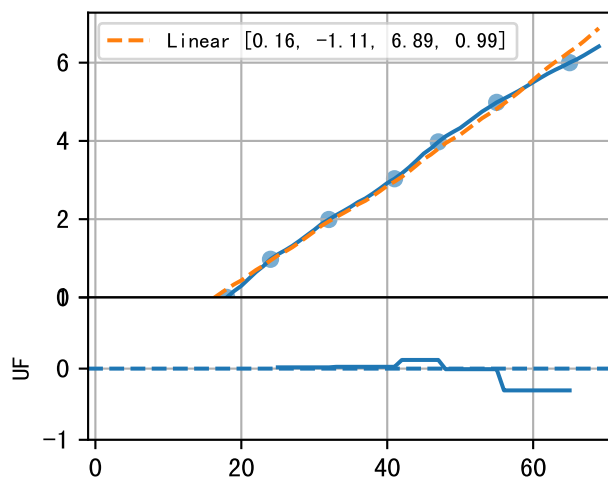
P3-6-011-7



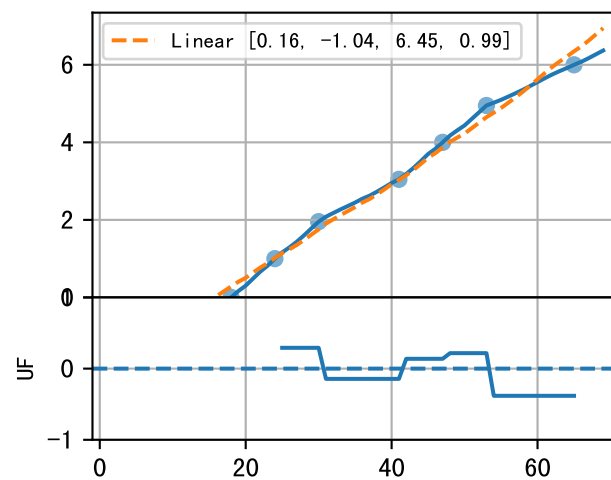
P3-6-015-30



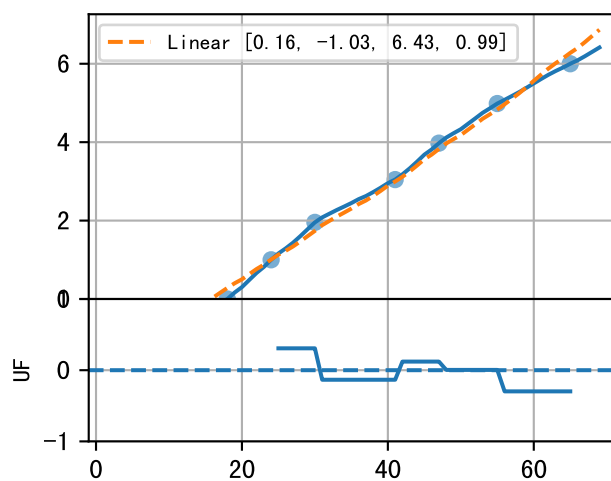
P3-6-019-12



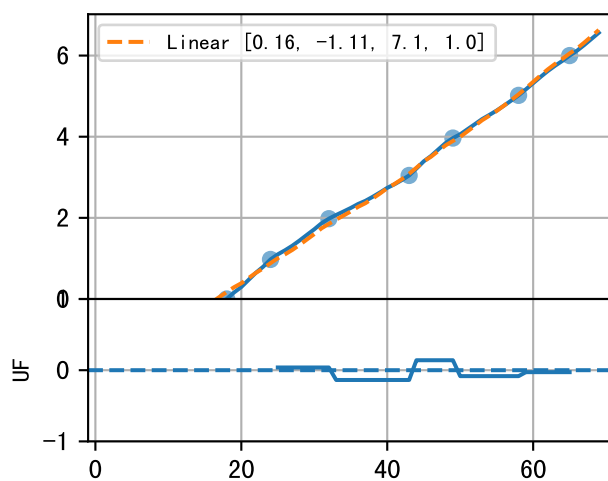
P3-6-024-25



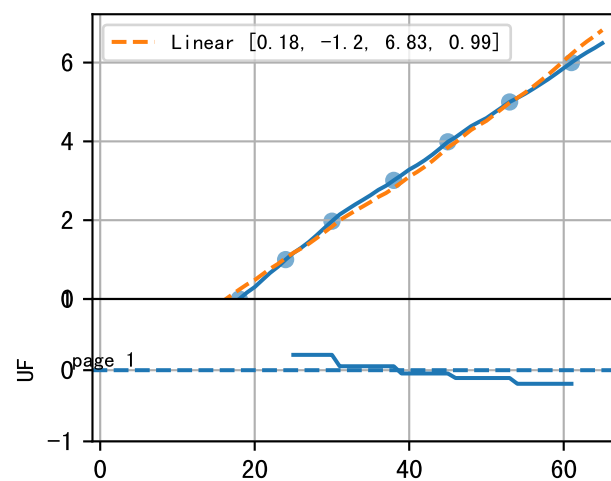
P3-6-028-32



P3-6-033-9

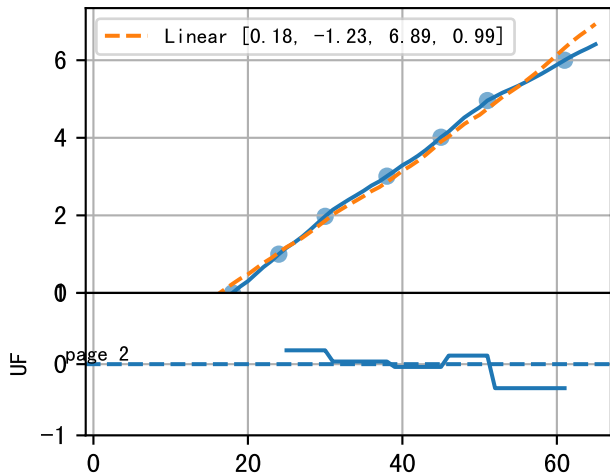


P3-6-038-21



P3-6-042-4

TsN



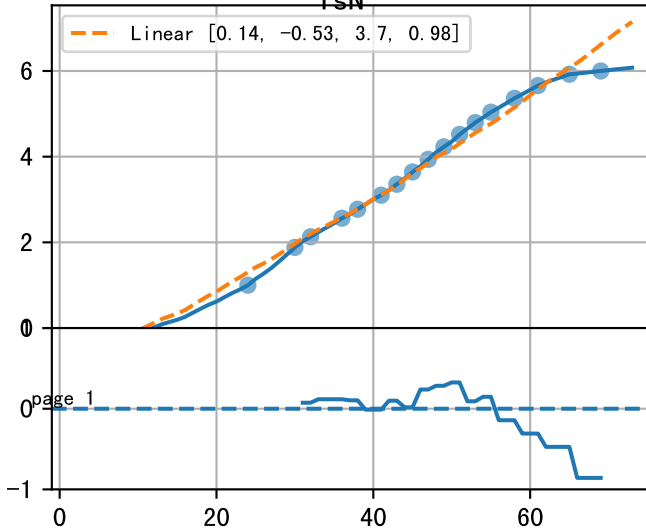
UF

page 2

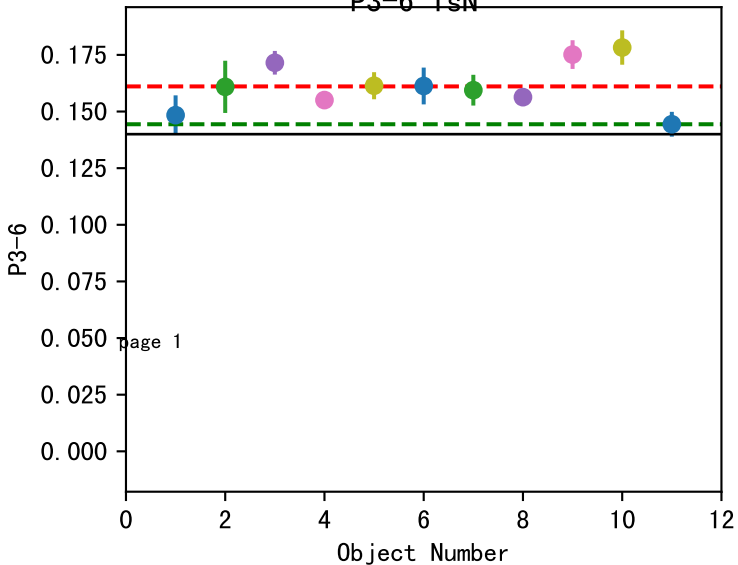
P3-6avg
T_{SN}

Linear [0.14, -0.53, 3.7, 0.98]

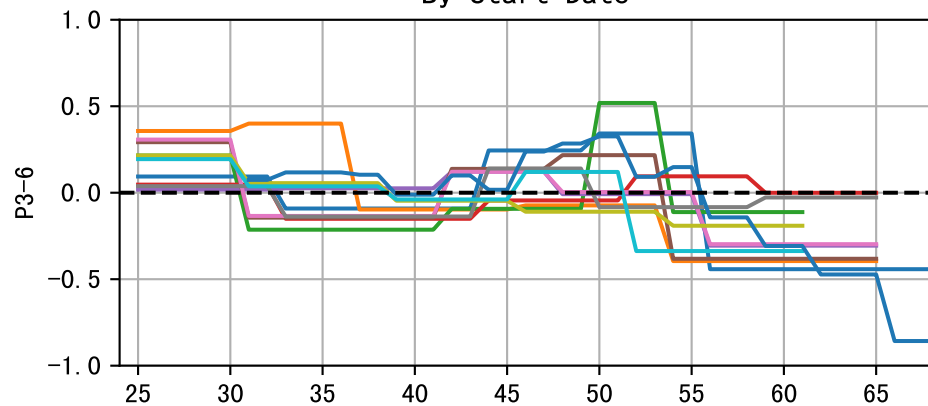
UF
page 1



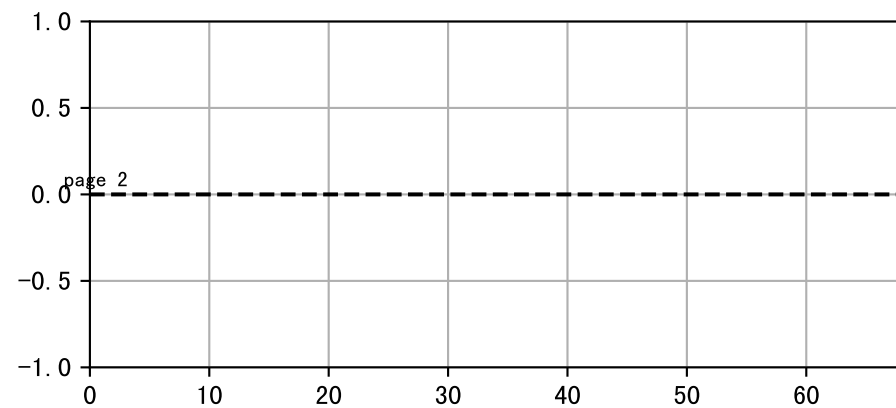
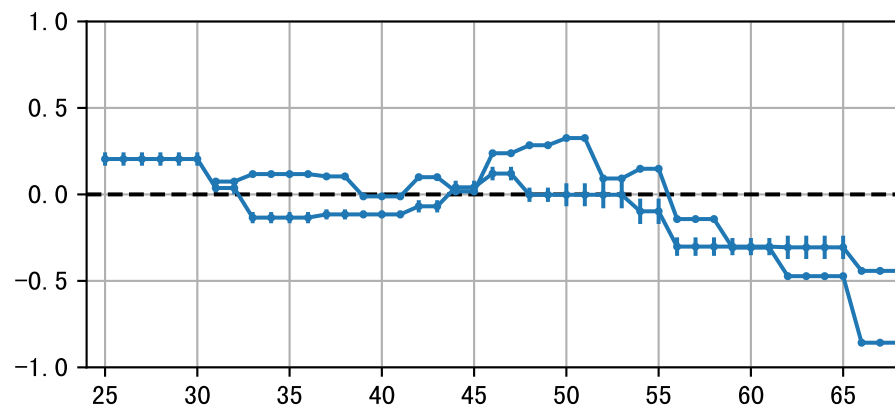
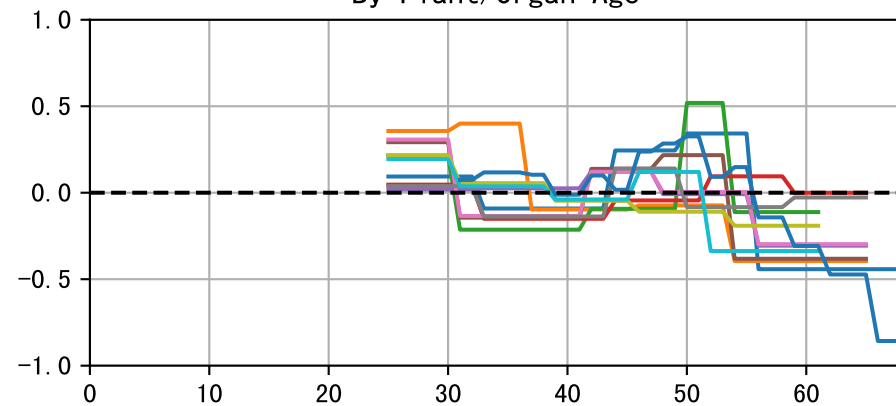
a (Def=0.14 Set=0.14)
avg1=0.16 $\sim$ 6% avg2=0.14 $\sim$ 11%
P3-6 TSN



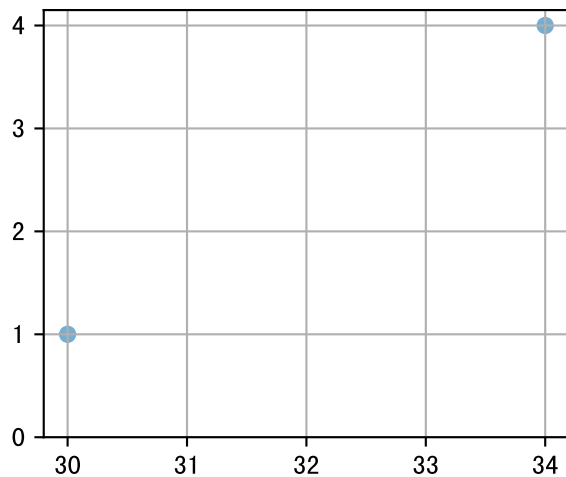
By Start Date



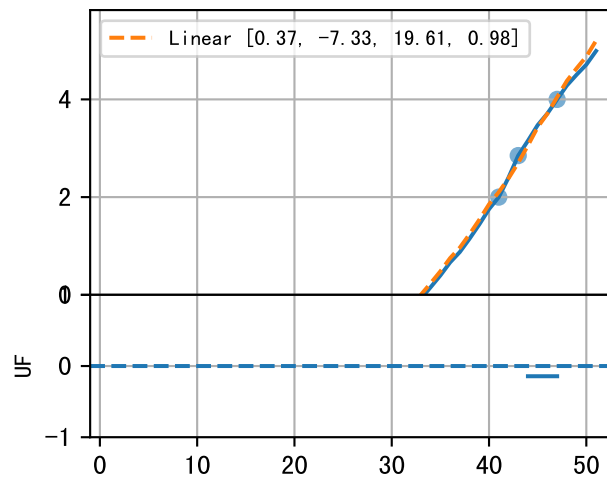
By Plant/Organ Age



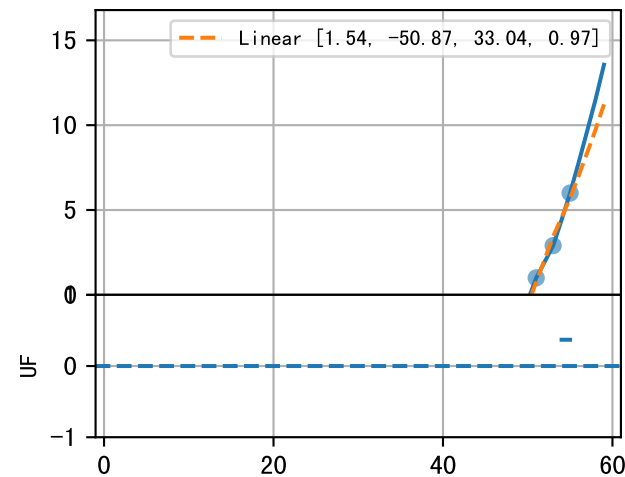
P3-6-003-24T1 (fit failed)



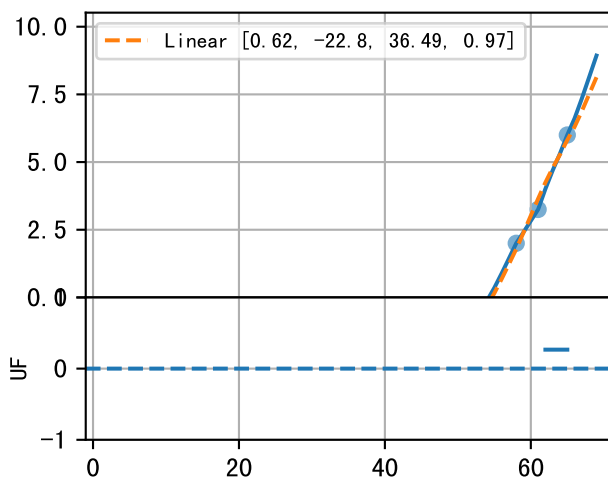
P3-6-003-24T2



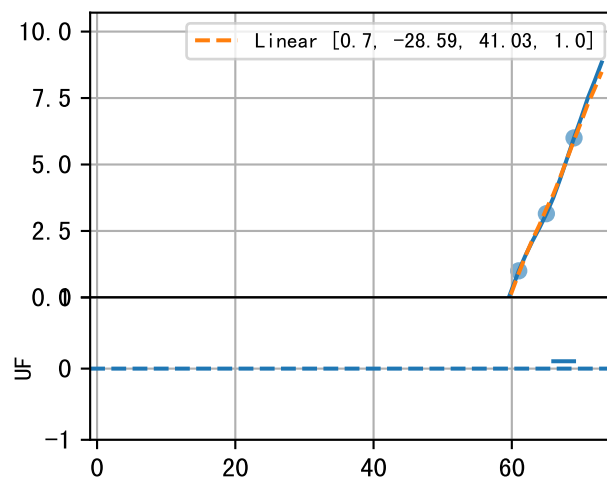
P3-6-003-24T3



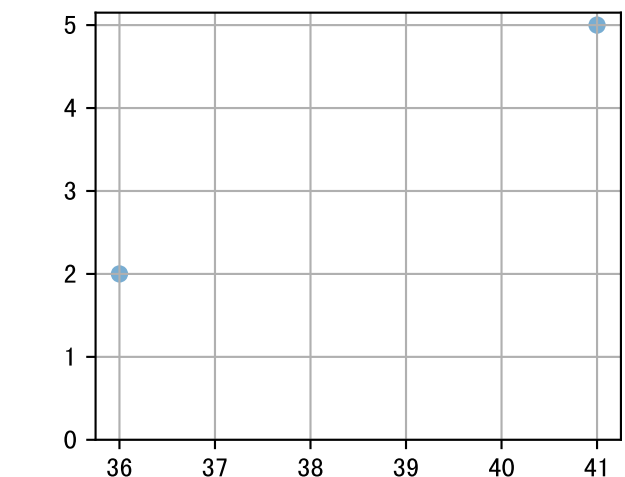
P3-6-003-24T4



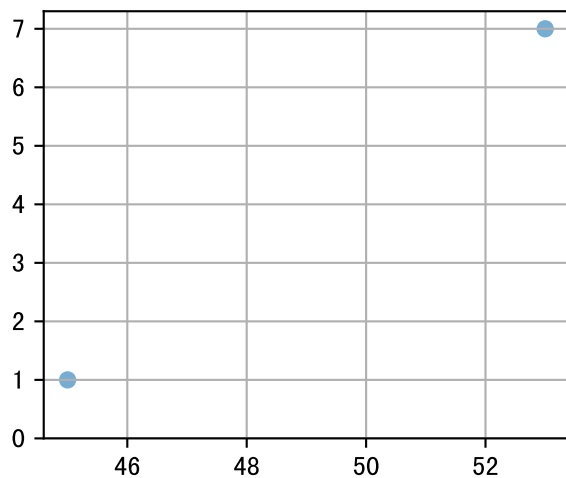
P3-6-003-24T5



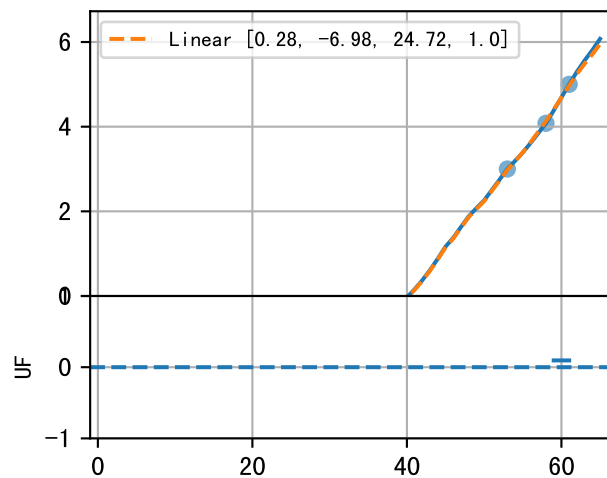
P3-6-007-11T2 (fit failed)



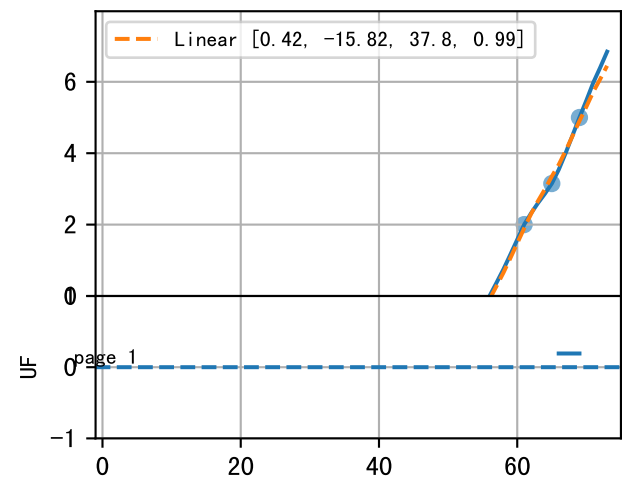
P3-6-007-11T3 (fit failed)



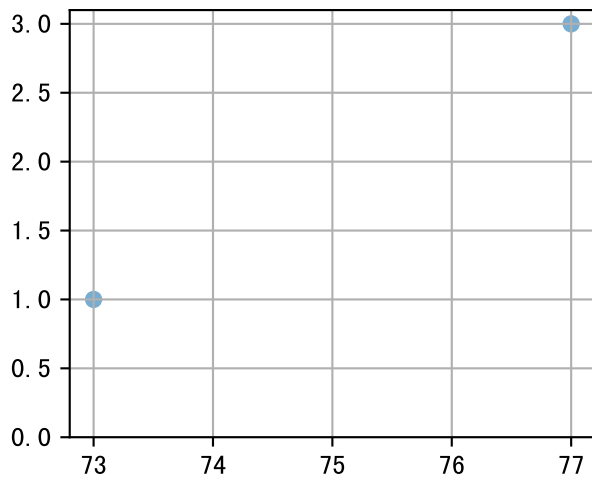
P3-6-007-11T4



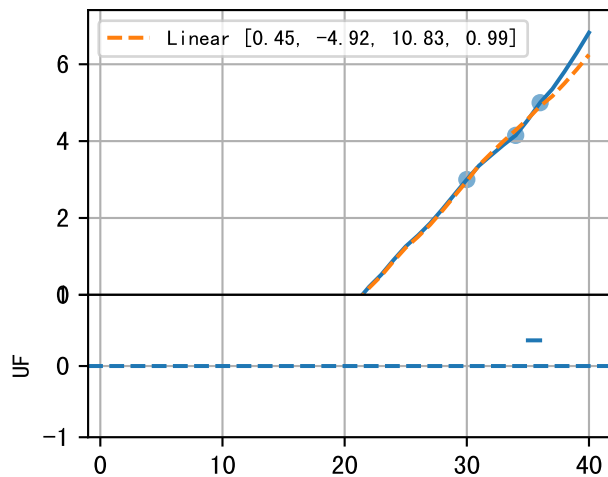
P3-6-007-11T5



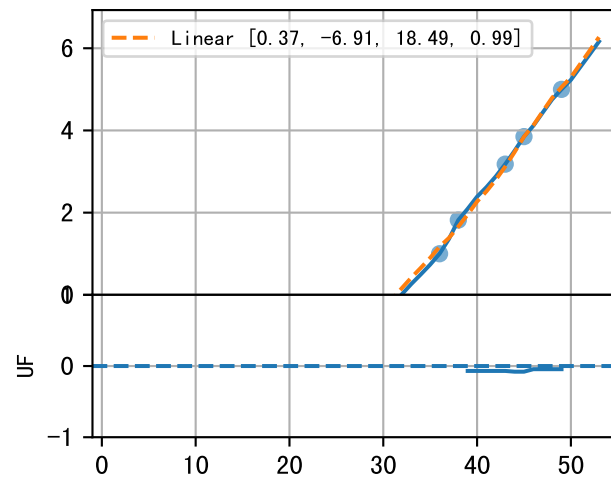
P3-6-007-11T6 (fit failed)



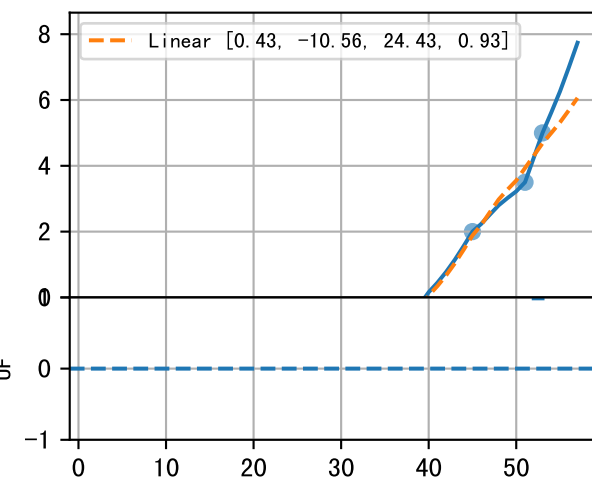
P3-6-011-7T1



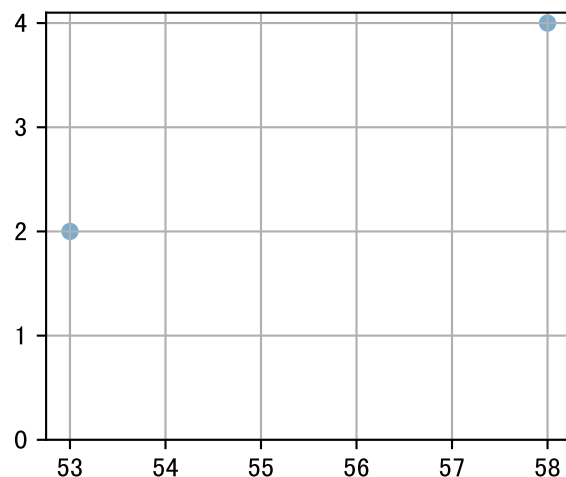
P3-6-011-7T2



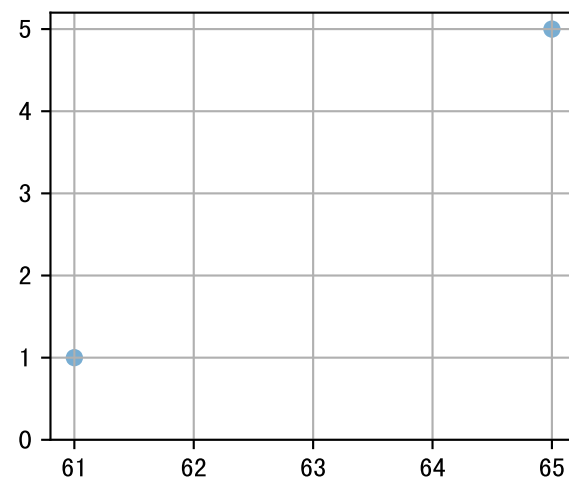
P3-6-011-7T3



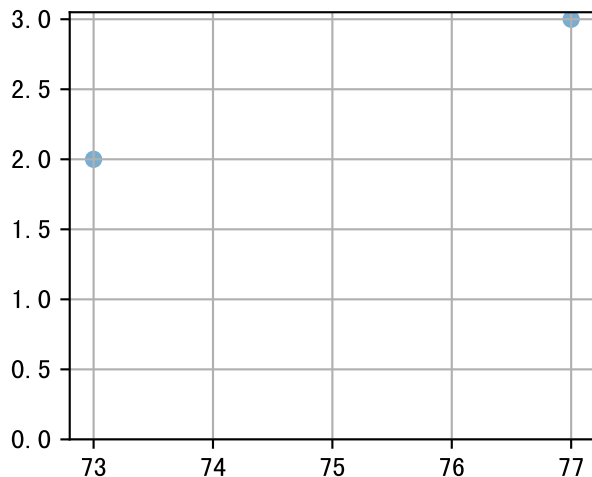
P3-6-011-7T4 (fit failed)



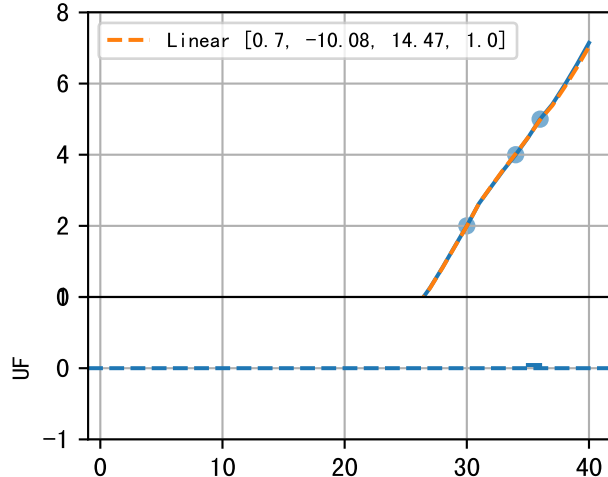
P3-6-011-7T5 (fit failed)



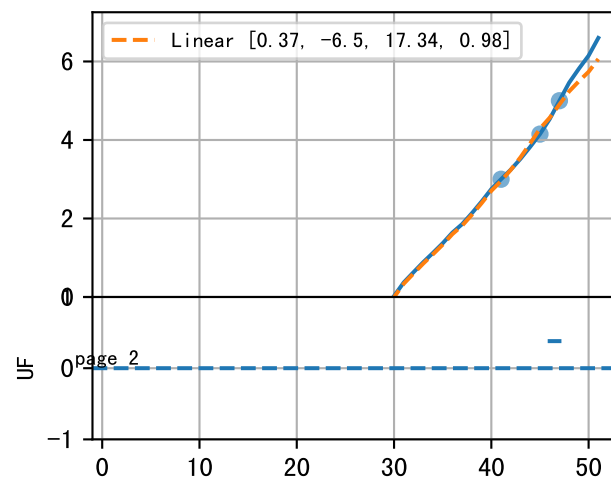
P3-6-011-7T6 (fit failed)

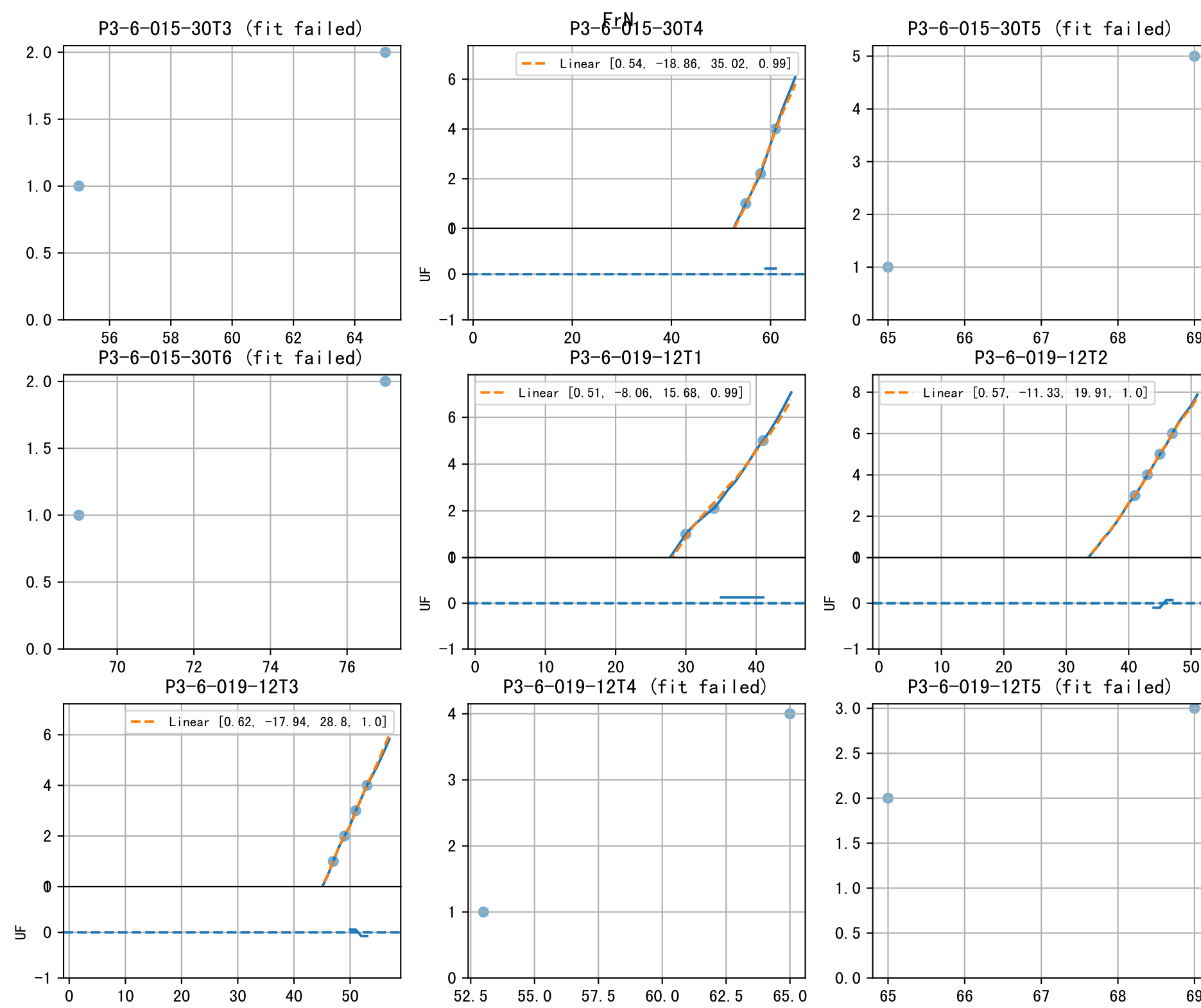


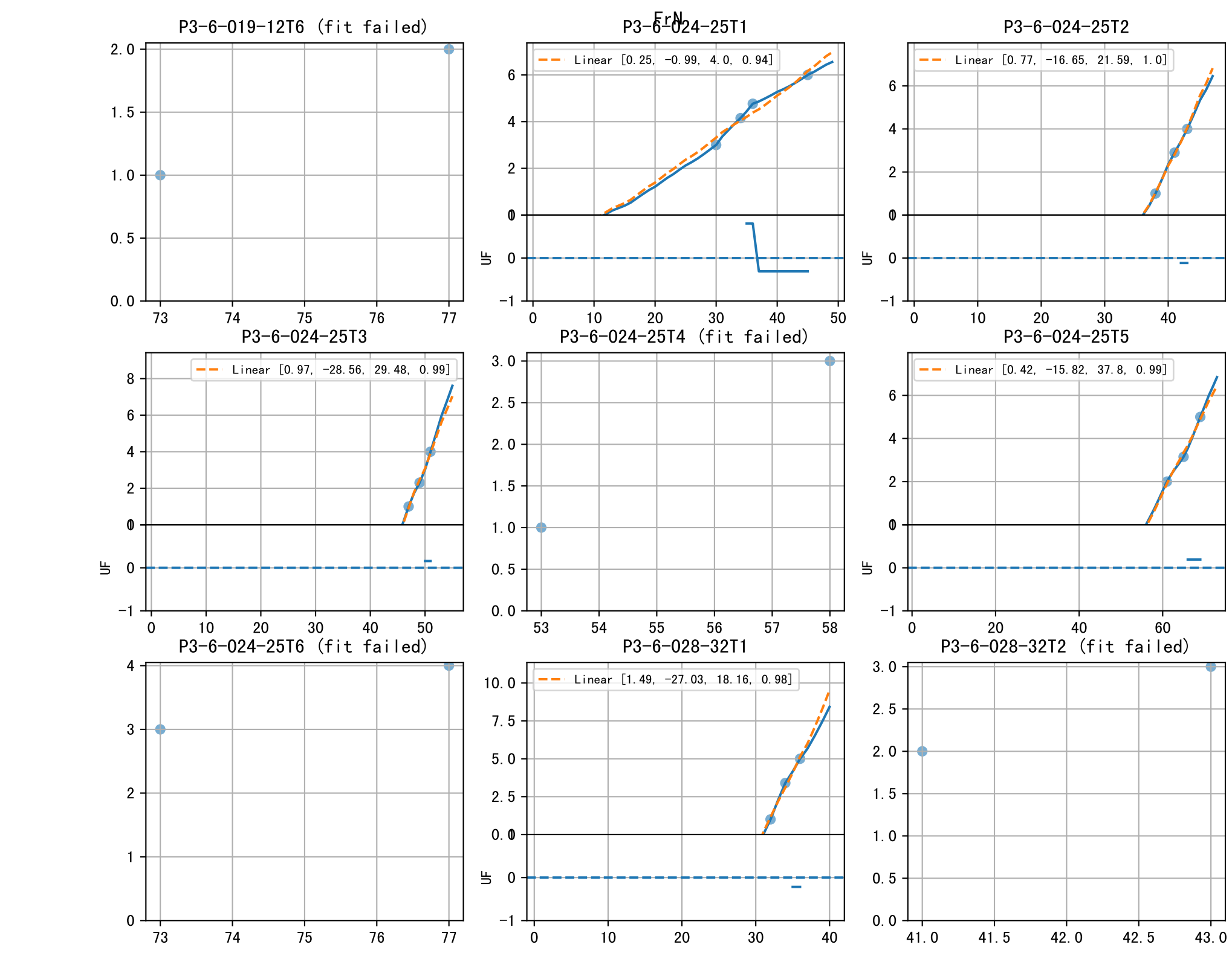
P3-6-015-30T1

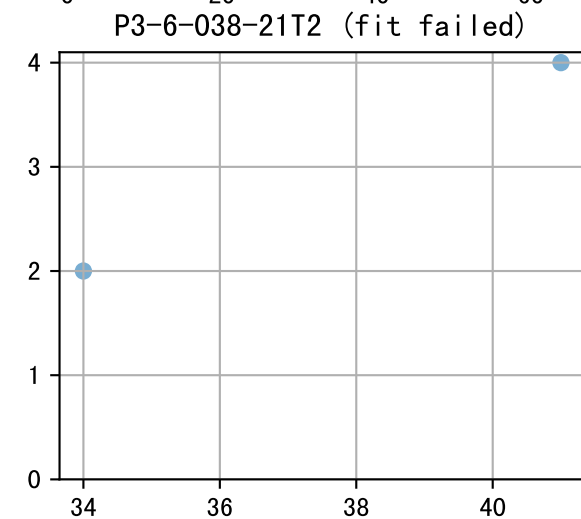
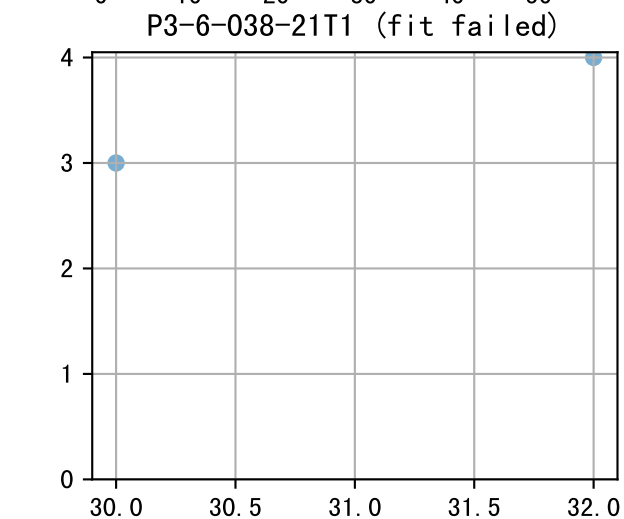
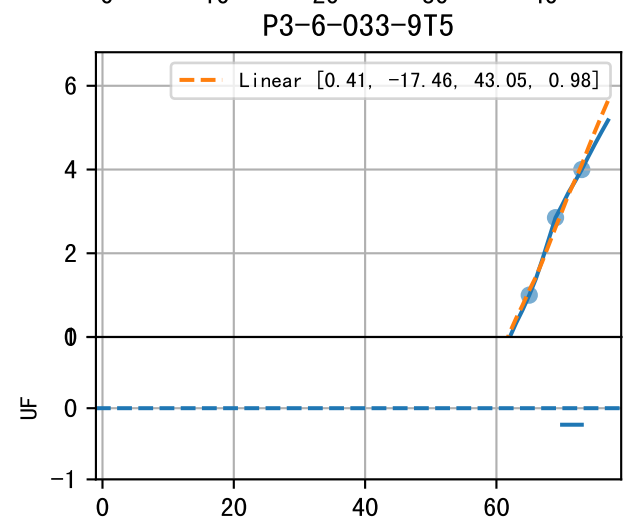
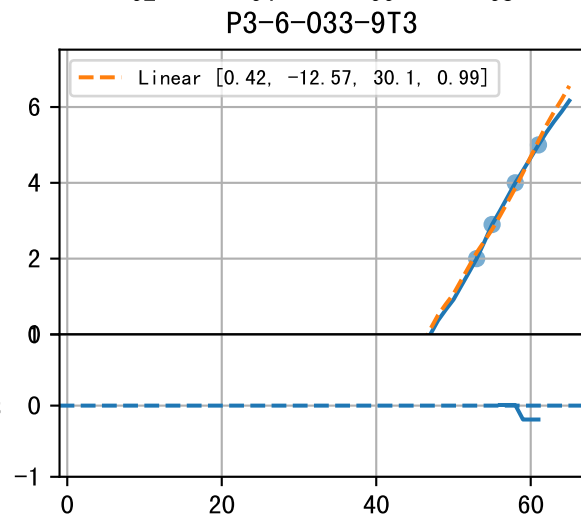
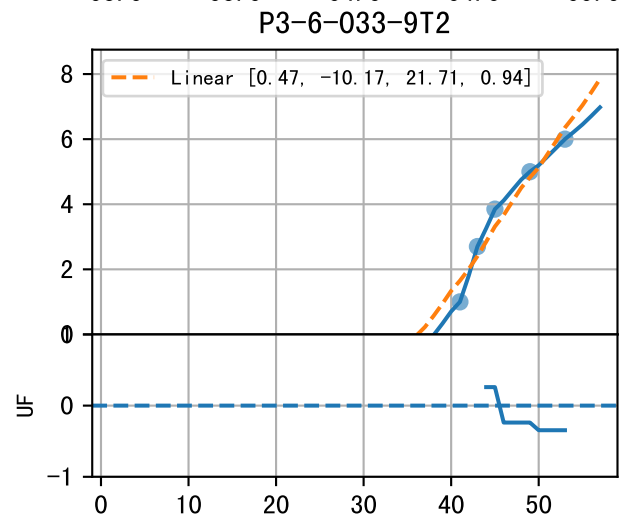
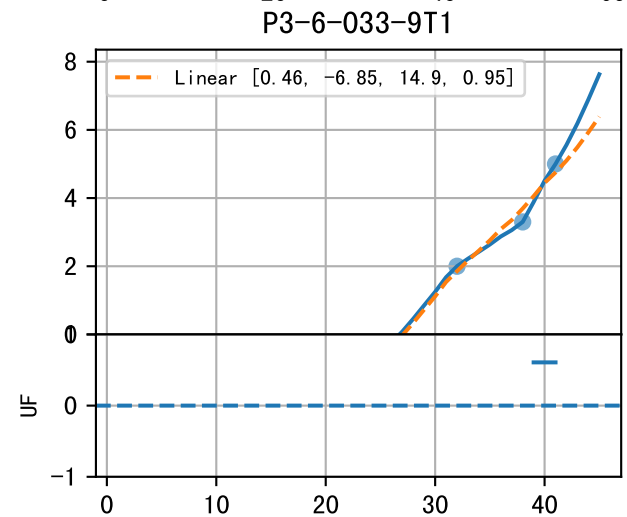
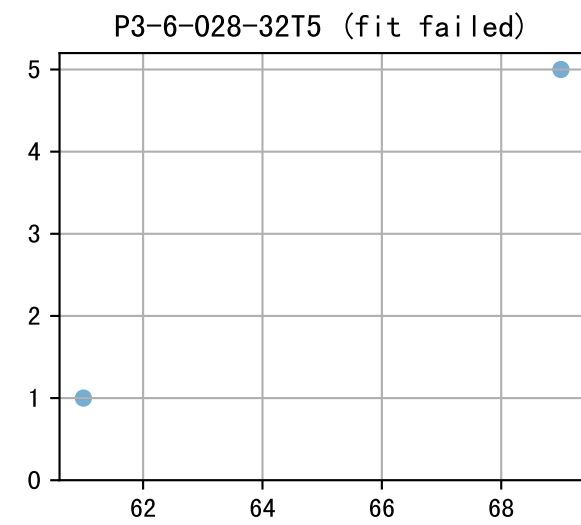
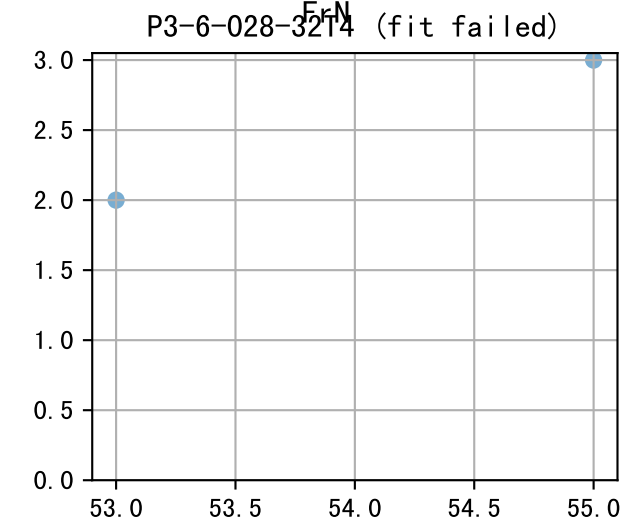
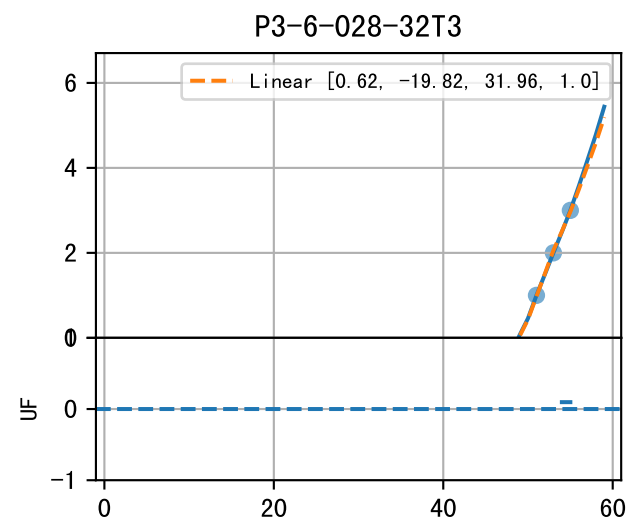


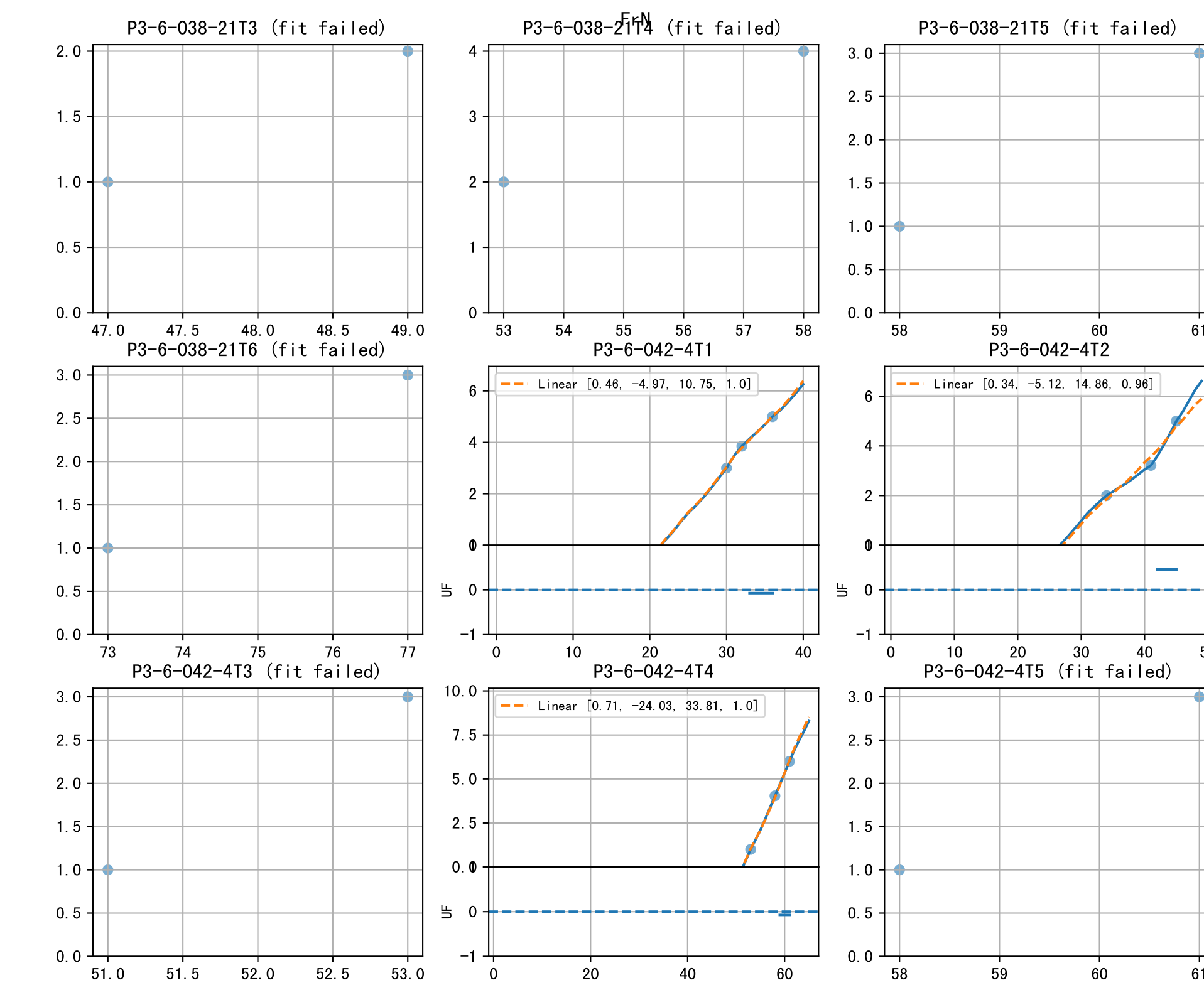
P3-6-015-30T2

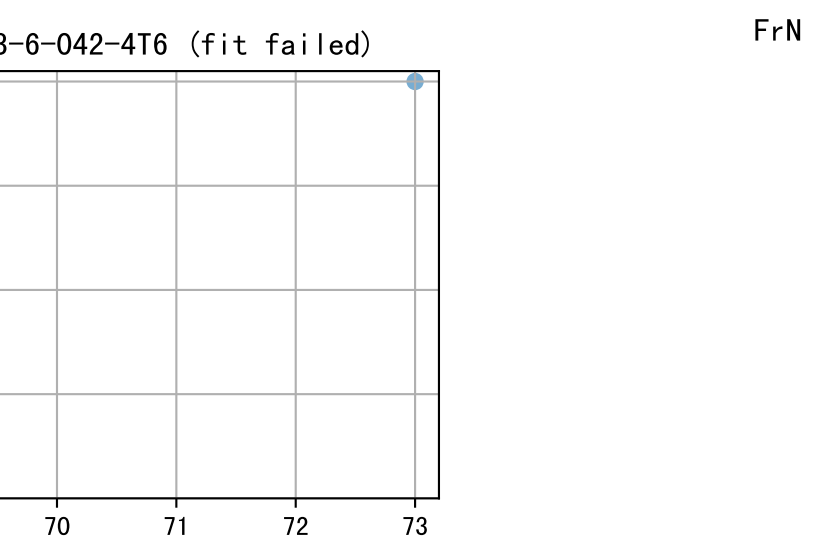








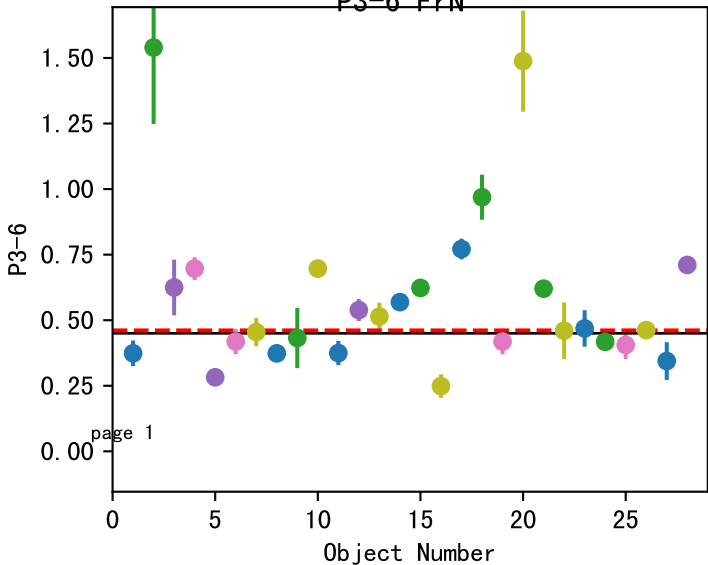




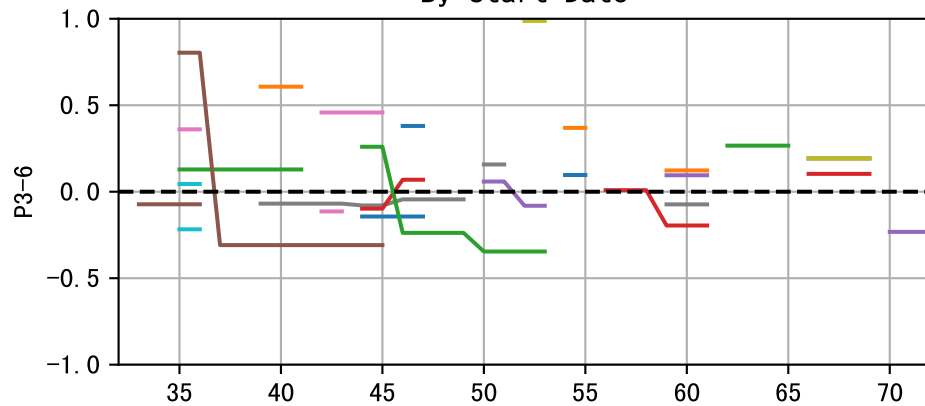
a (Def=0.45 Set=0.46)

avg1=0.46^{~36%} avg2=na

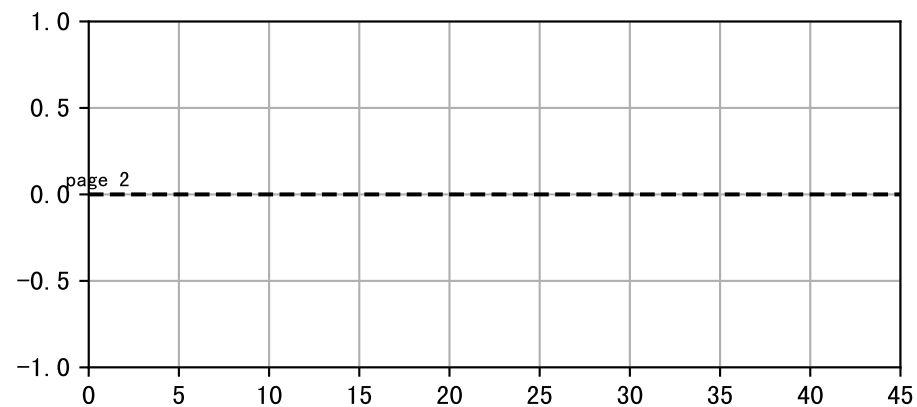
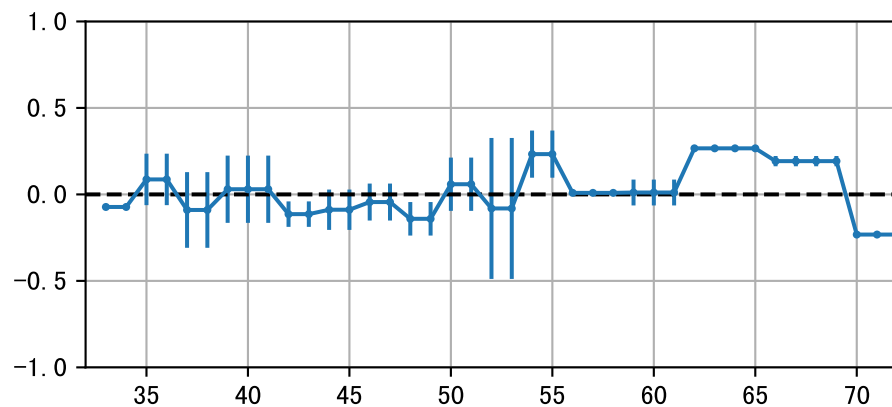
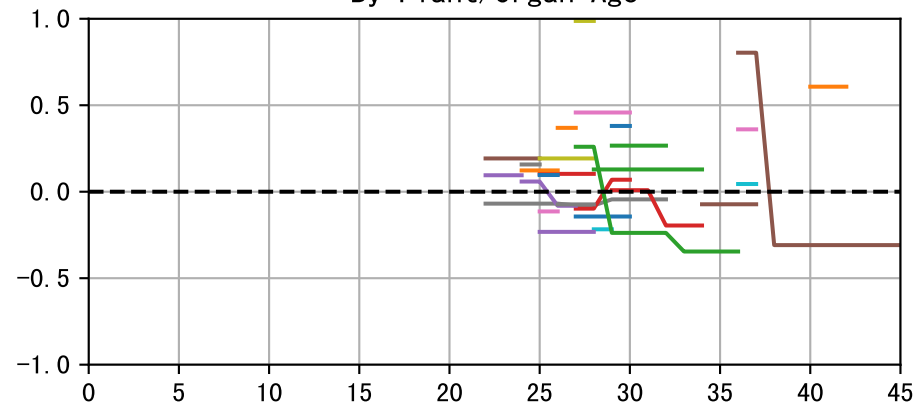
P3-6 FrN

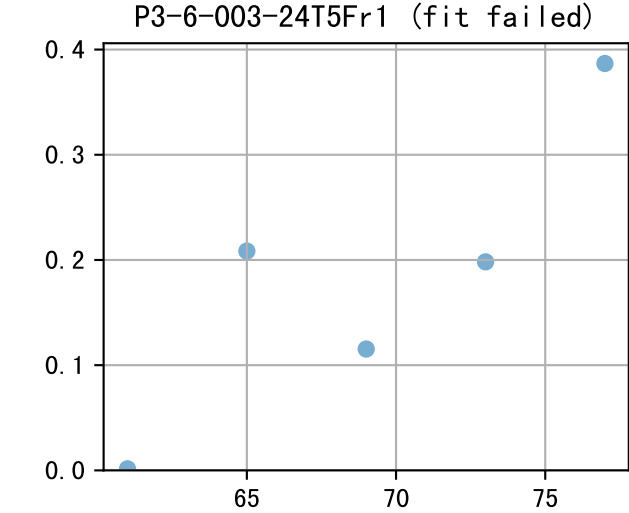
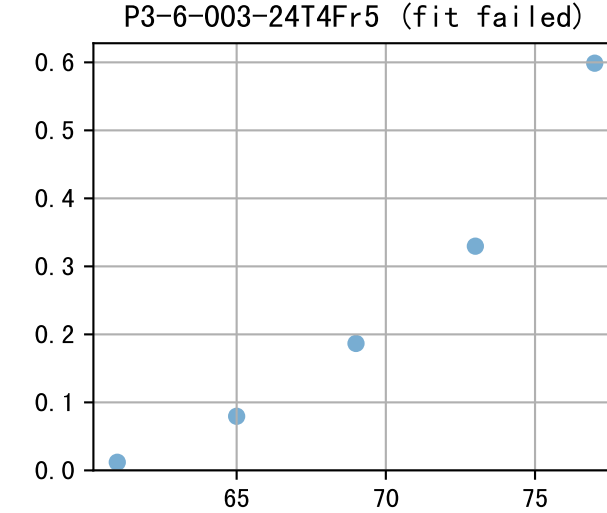
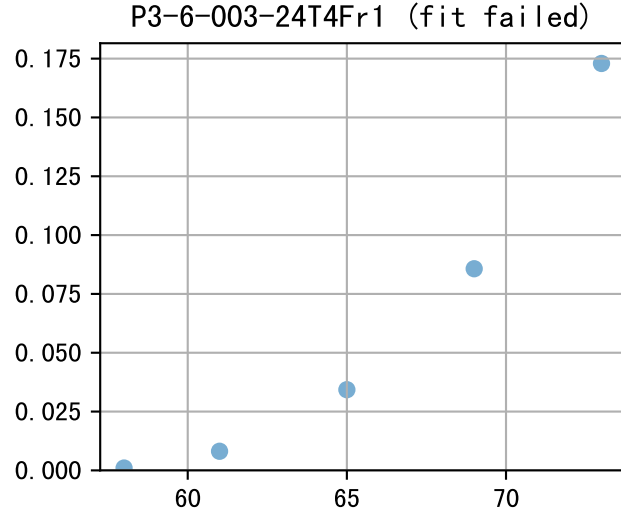
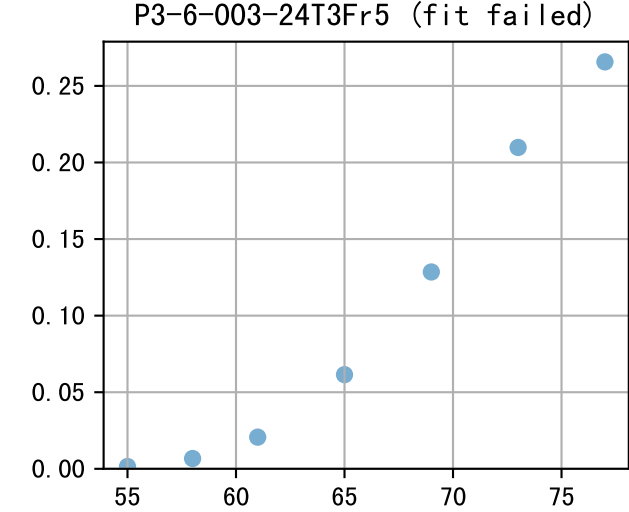
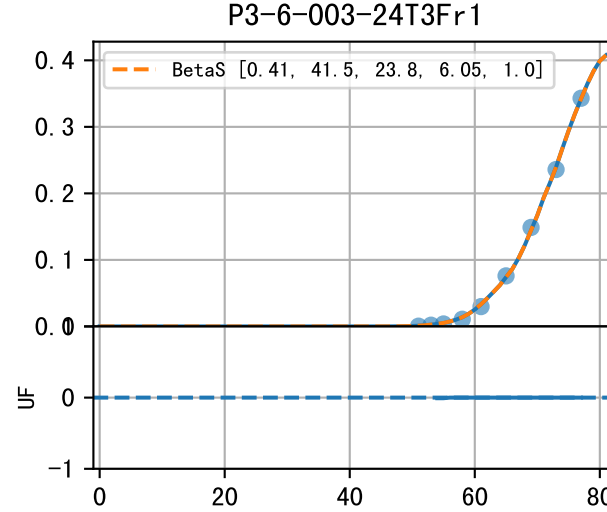
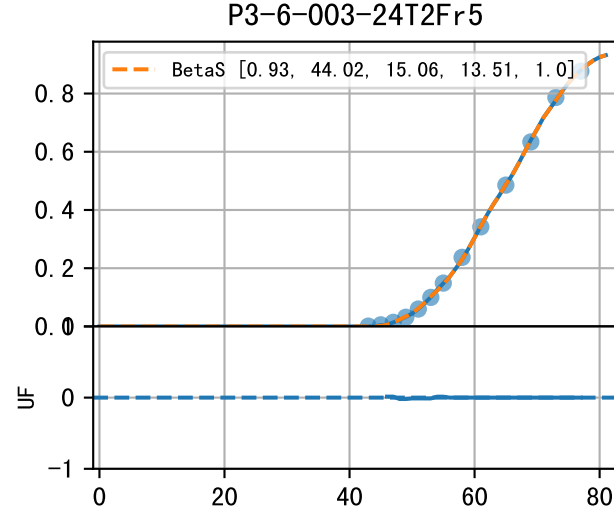
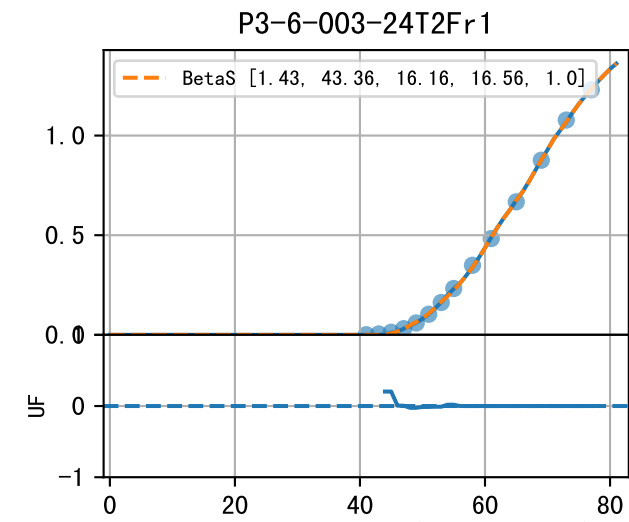
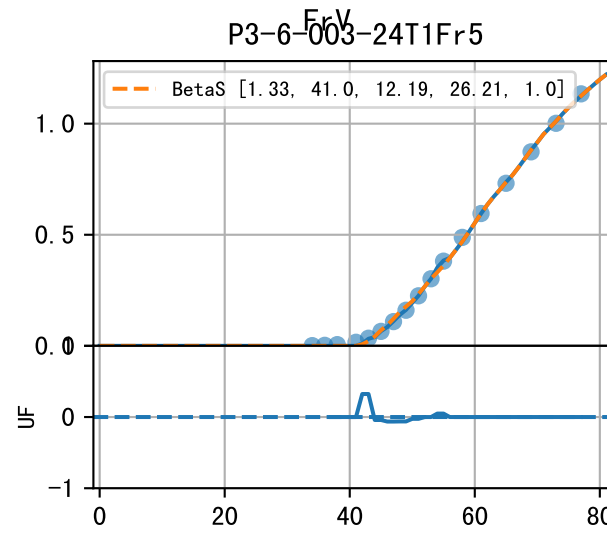
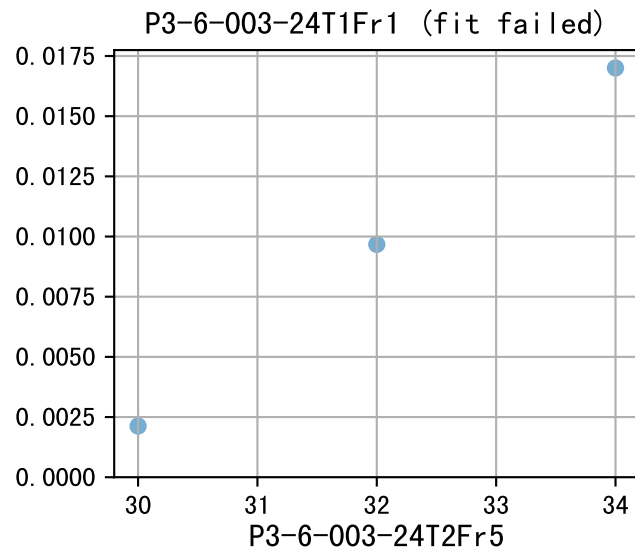


By Start Date



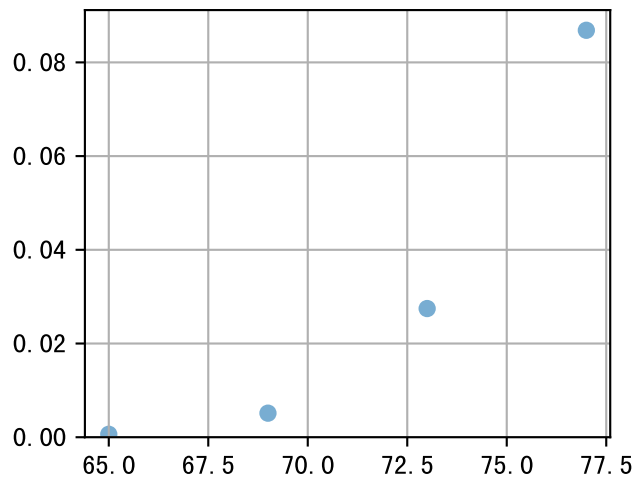
By Plant/Organ Age



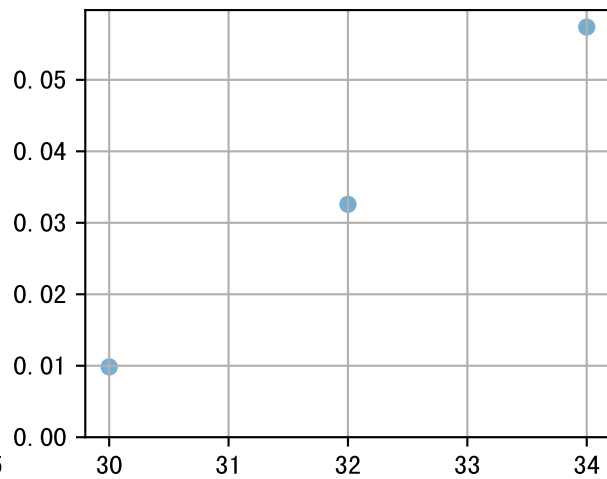


FrV

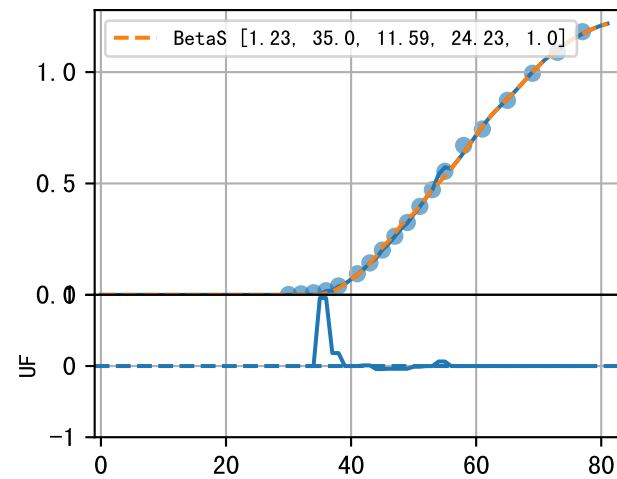
P3-6-003-24T5Fr5 (fit failed)



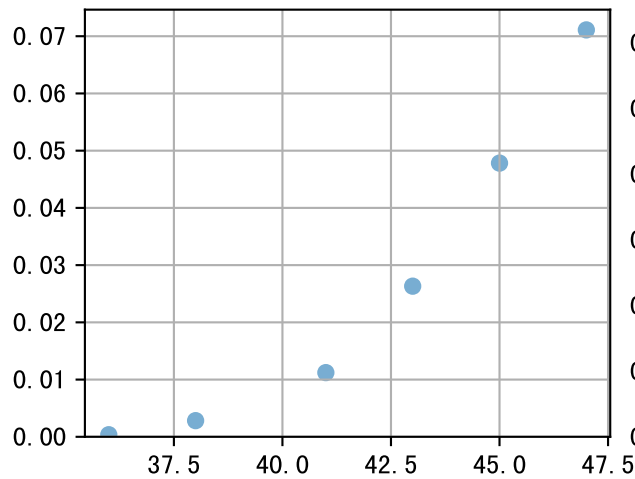
P3-6-007-11T1Fr1 (fit failed)



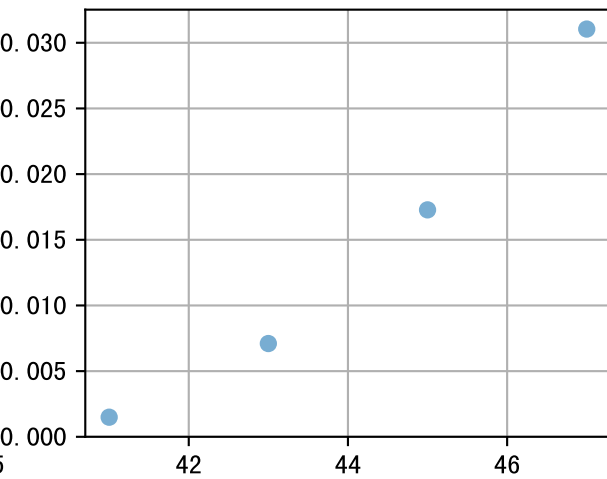
P3-6-007-11T1Fr5



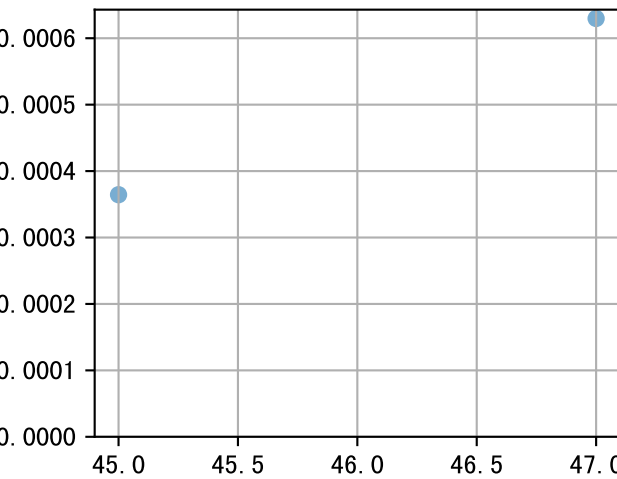
P3-6-007-11T2Fr1 (fit failed)



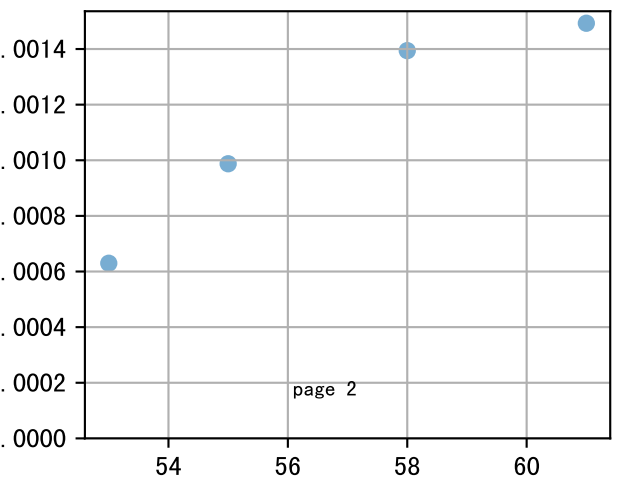
P3-6-007-11T2Fr5 (fit failed)



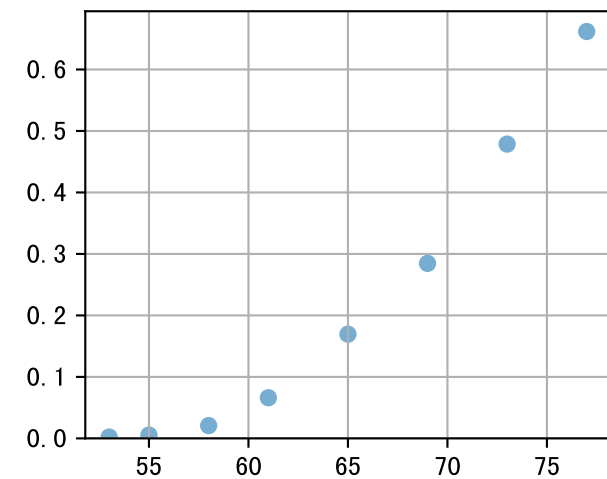
P3-6-007-11T3Fr1 (fit failed)



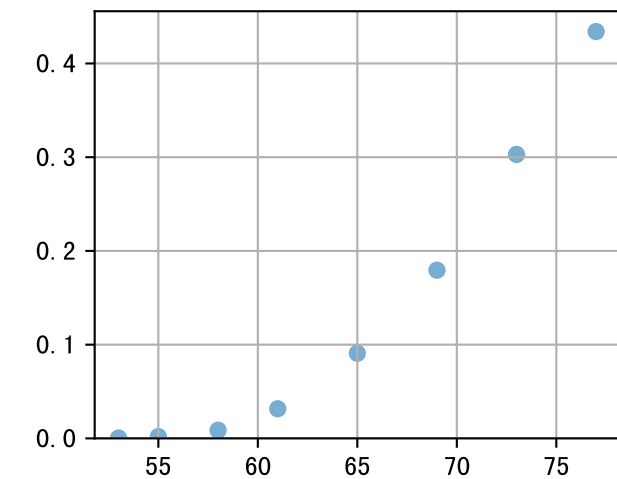
P3-6-007-11T3Fr5 (fit failed)



P3-6-007-11T4Fr1 (fit failed)

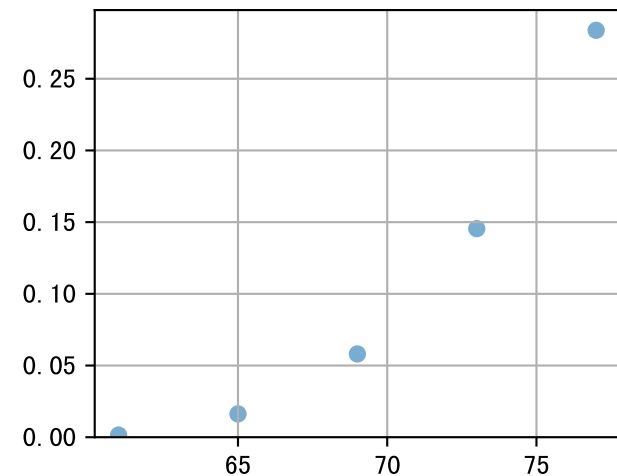


P3-6-007-11T4Fr5 (fit failed)

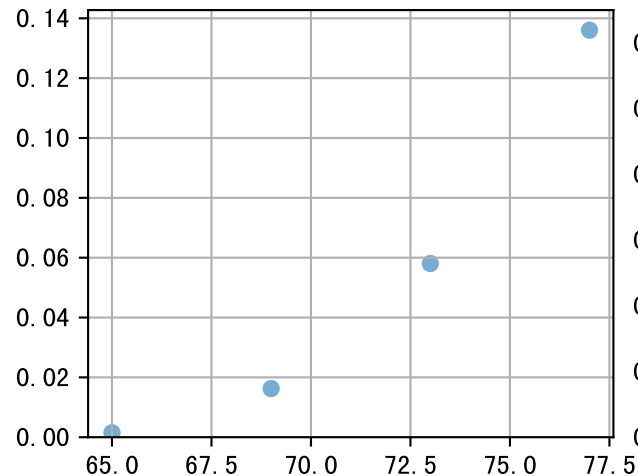


FrV

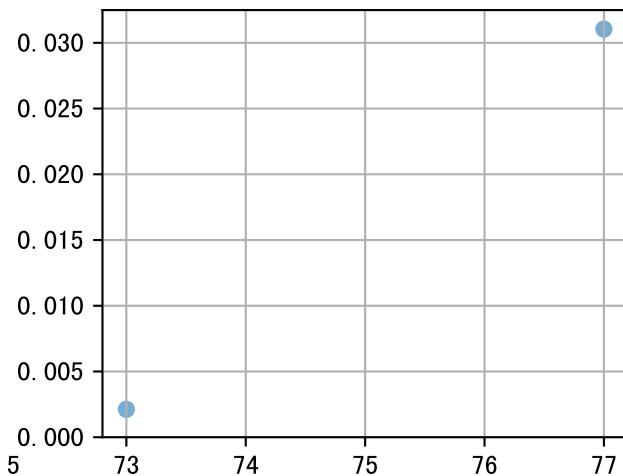
P3-6-007-11T5Fr1 (fit failed)



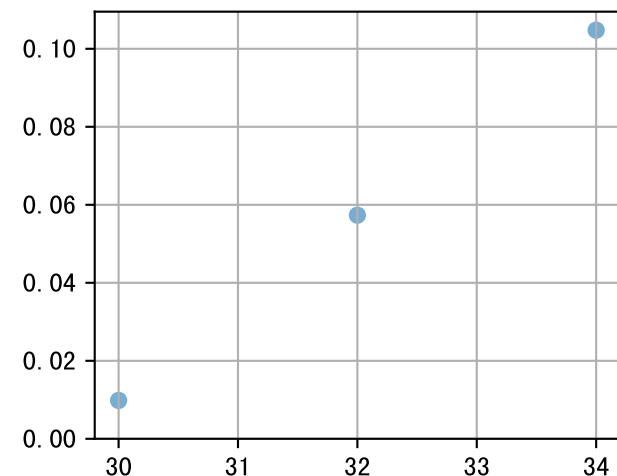
P3-6-007-11T5Fr5 (fit failed)



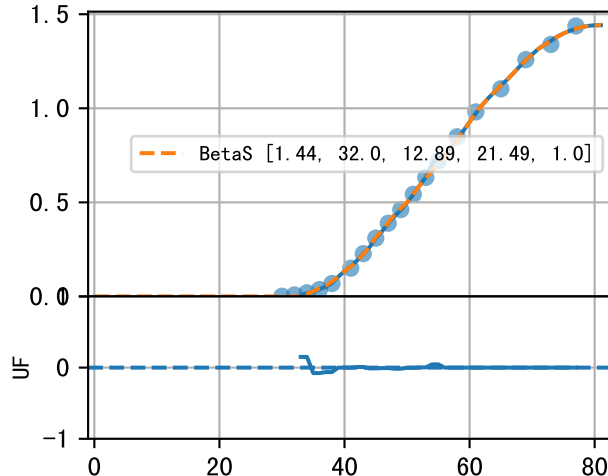
P3-6-007-11T6Fr1 (fit failed)



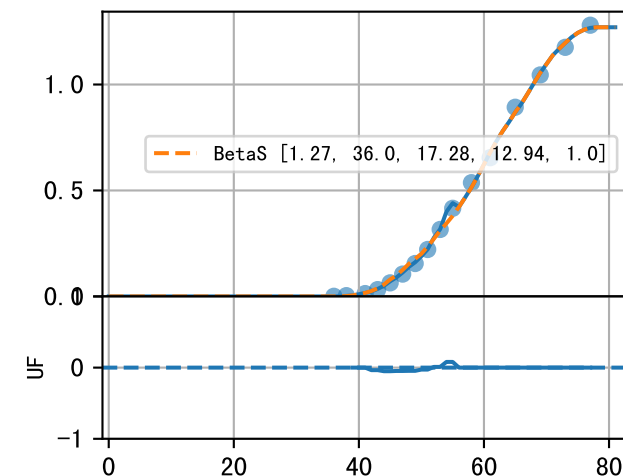
P3-6-011-7T1Fr1 (fit failed)



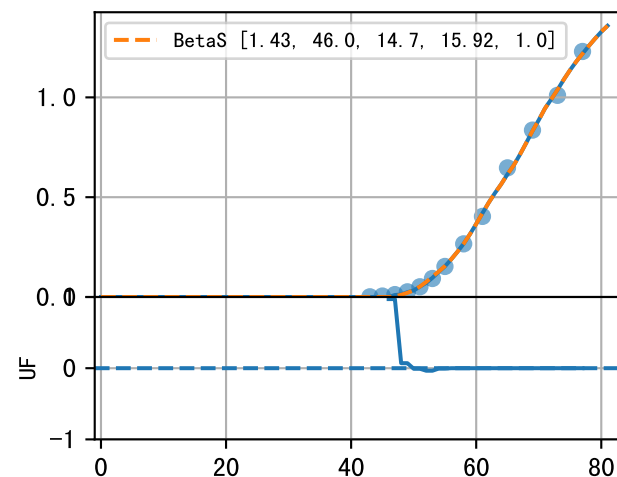
P3-6-011-7T1Fr5



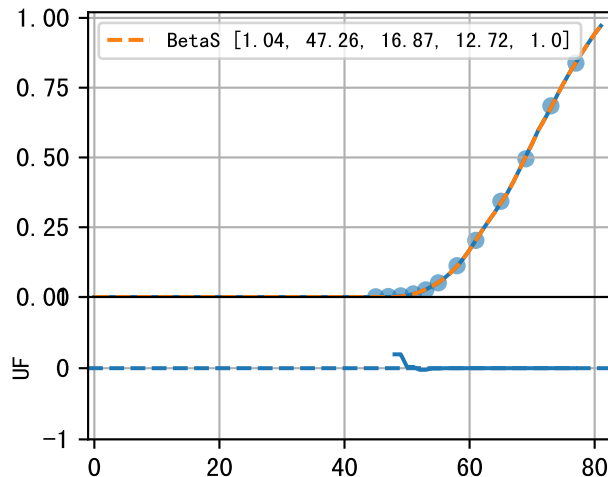
P3-6-011-7T2Fr1



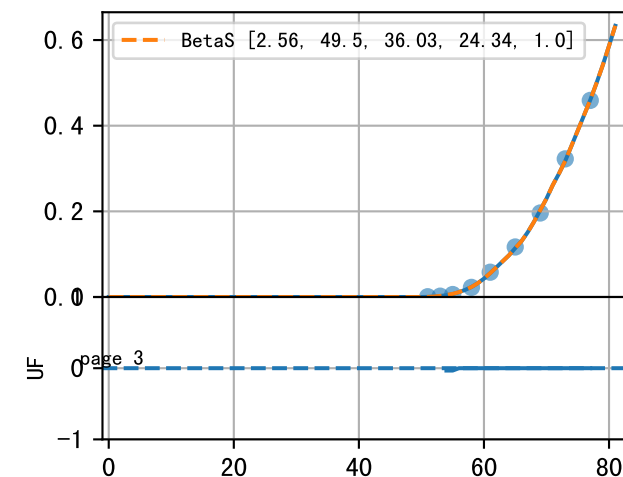
P3-6-011-7T2Fr5



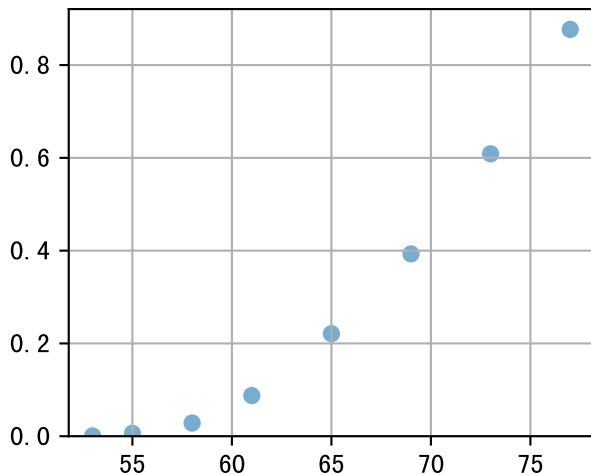
P3-6-011-7T3Fr1



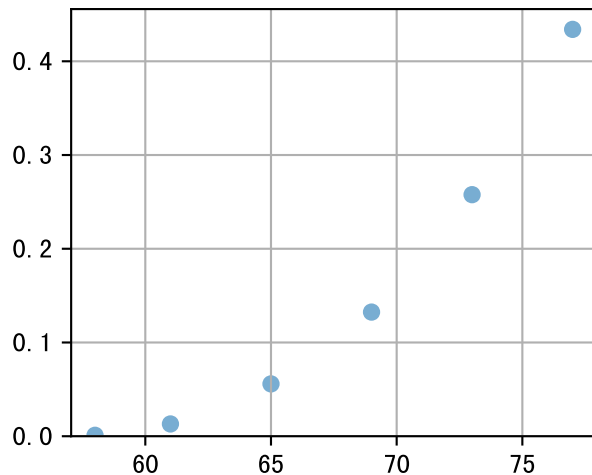
P3-6-011-7T3Fr5 (fit failed)



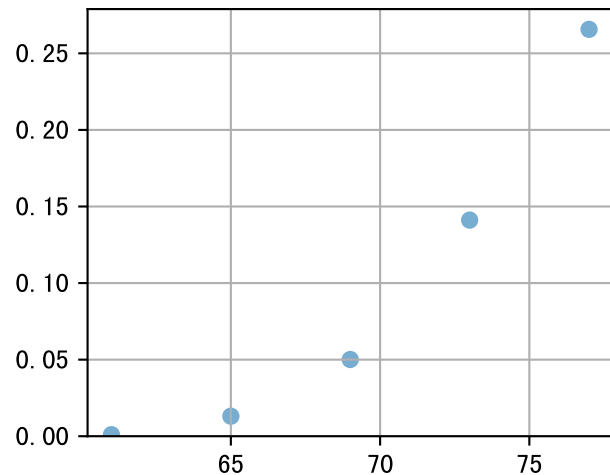
P3-6-011-7T4Fr1 (fit failed)



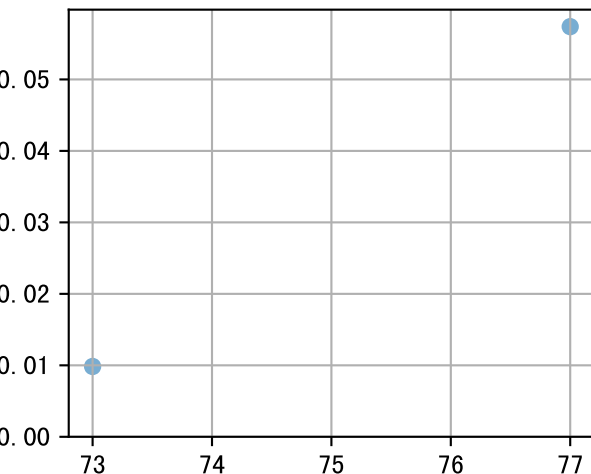
P3-6-011-7T4Fr5 (fit failed)



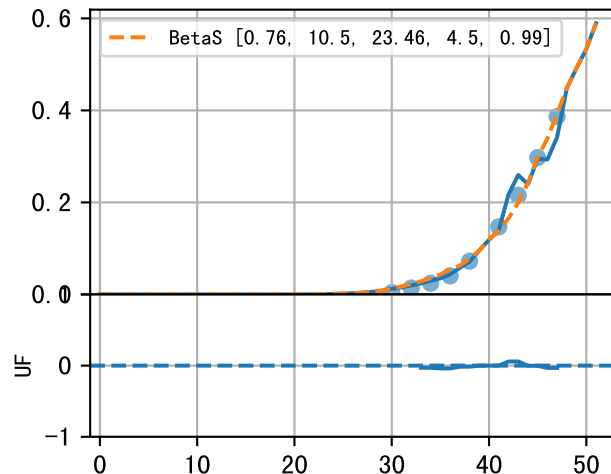
P3-6-011-7T5Fr1 (fit failed)



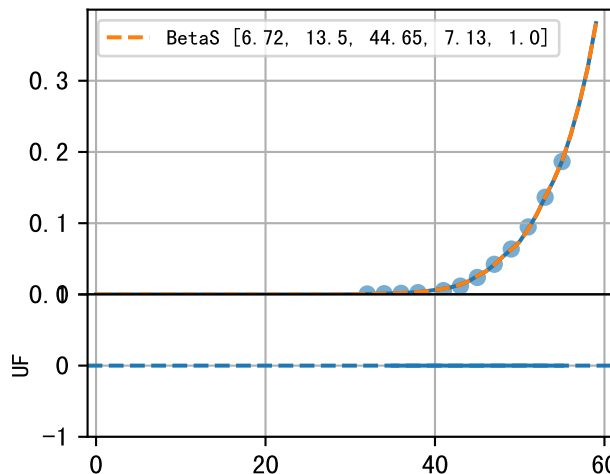
P3-6-011-7T6Fr1 (fit failed)



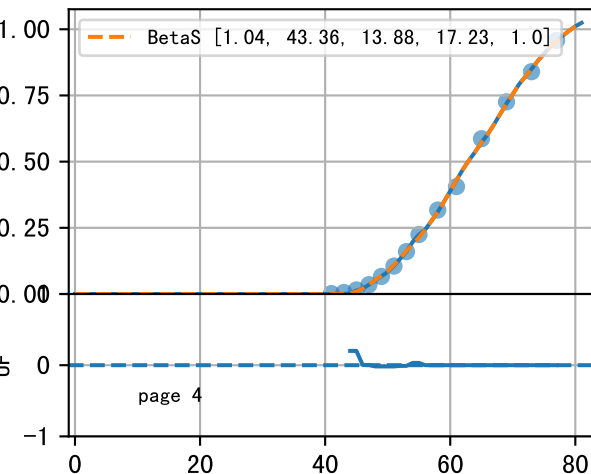
P3-6-015-30T1Fr1 (fit failed)



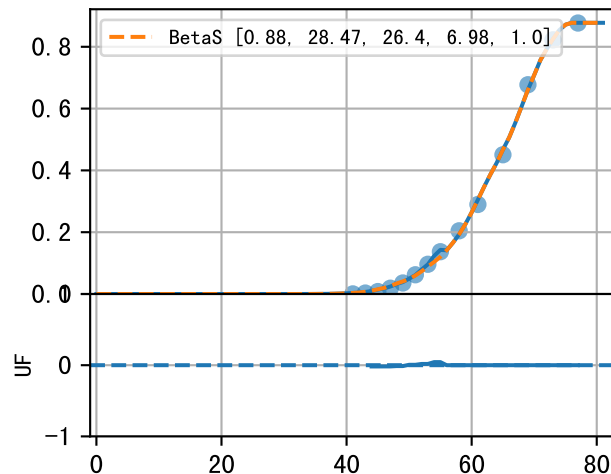
P3-6-015-30T1Fr5 (fit failed)



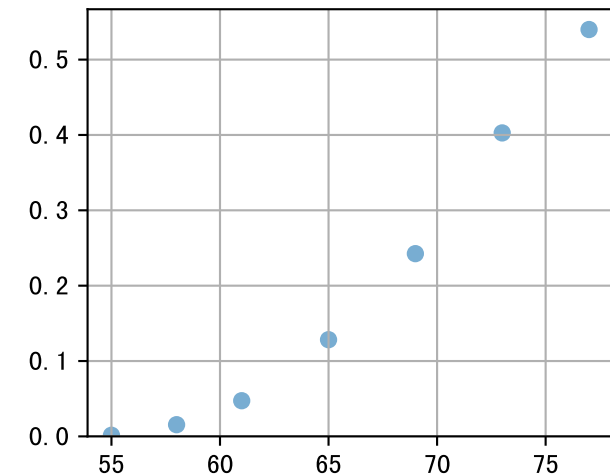
P3-6-015-30T2Fr1



P3-6-015-30T2Fr5

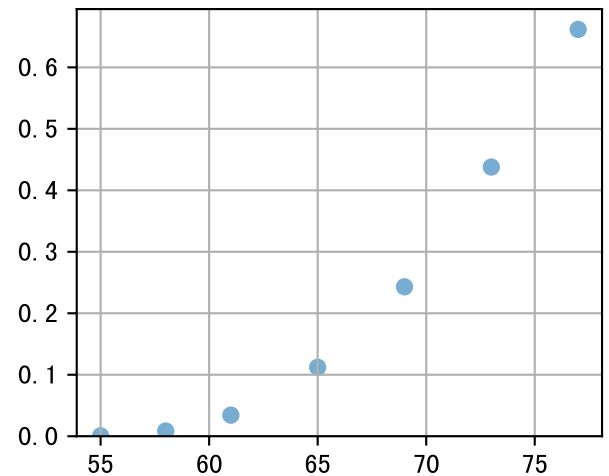


P3-6-015-30T3Fr1 (fit failed)

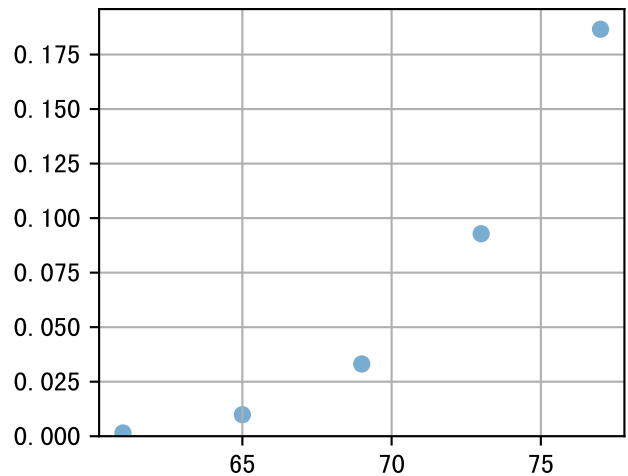


FrV

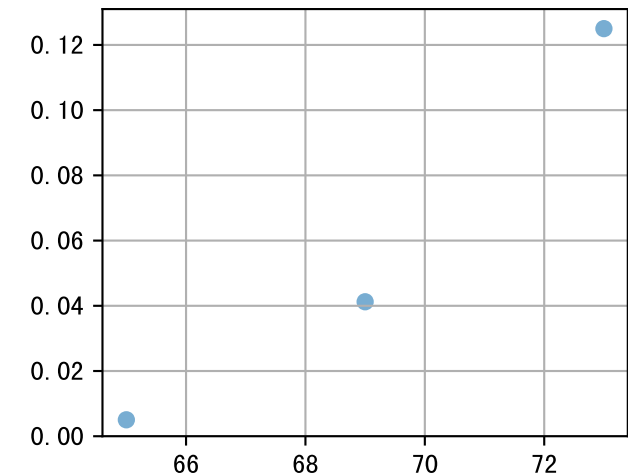
P3-6-015-30T4Fr1 (fit failed)



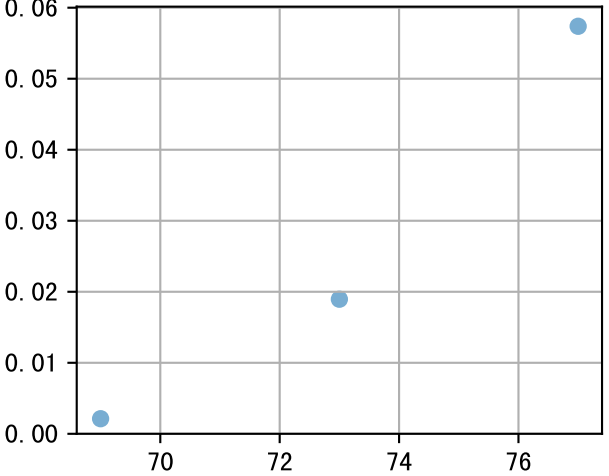
P3-6-015-30T4Fr5 (fit failed)



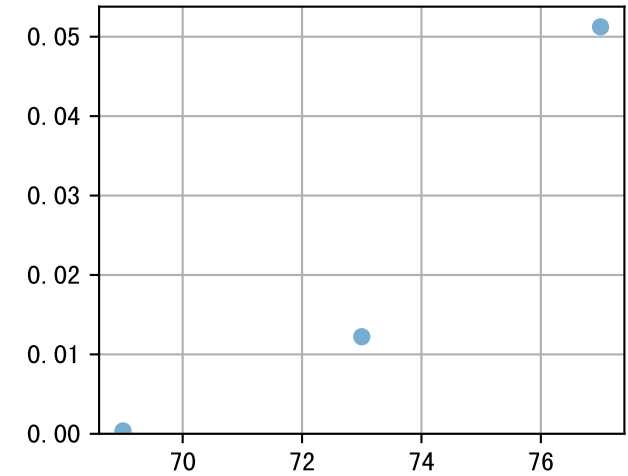
P3-6-015-30T5Fr1 (fit failed)



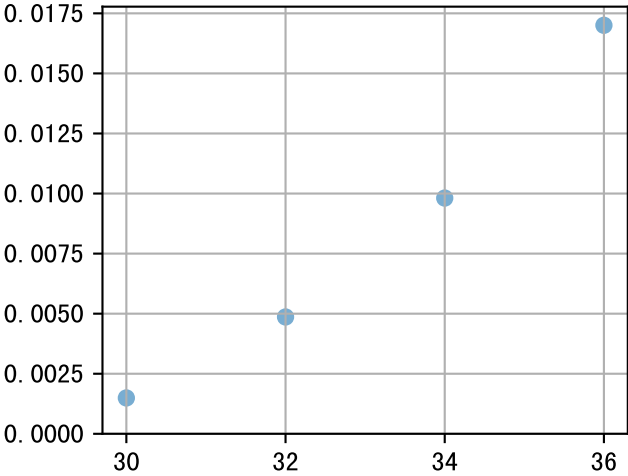
P3-6-015-30T5Fr5 (fit failed)



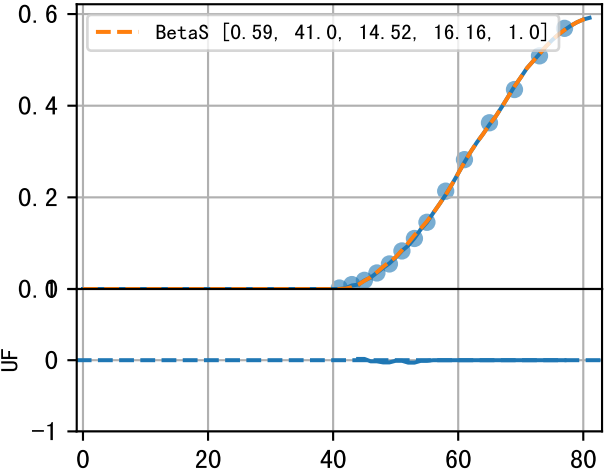
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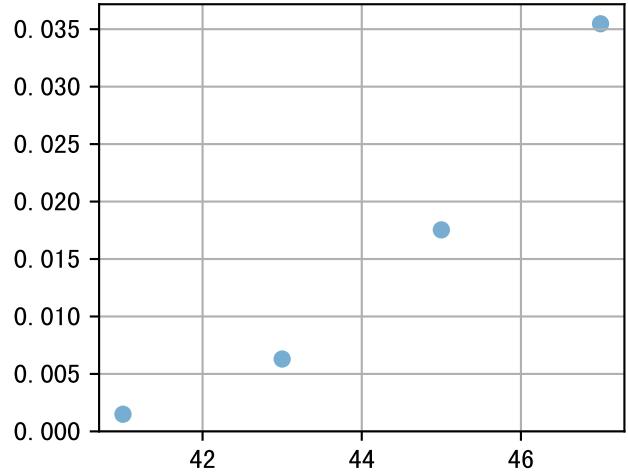
P3-6-019-12T1Fr1 (fit failed)



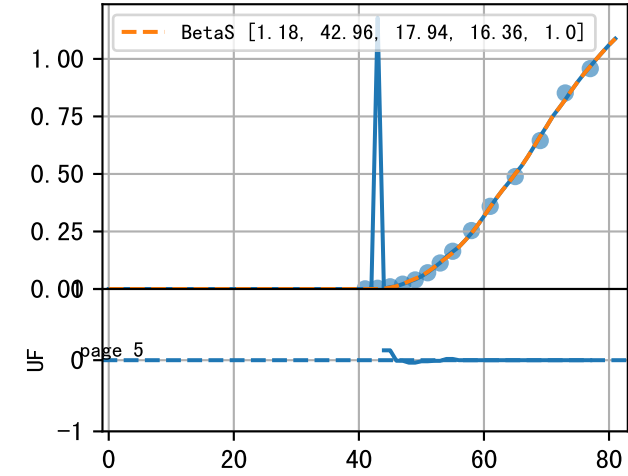
P3-6-019-12T1Fr5



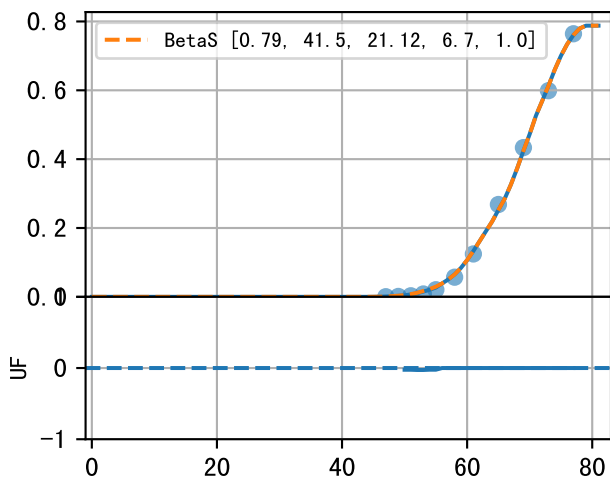
P3-6-019-12T2Fr1 (fit failed)



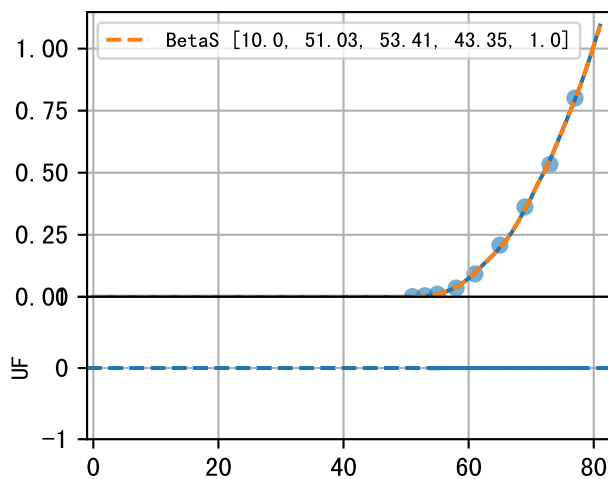
P3-6-019-12T2Fr5



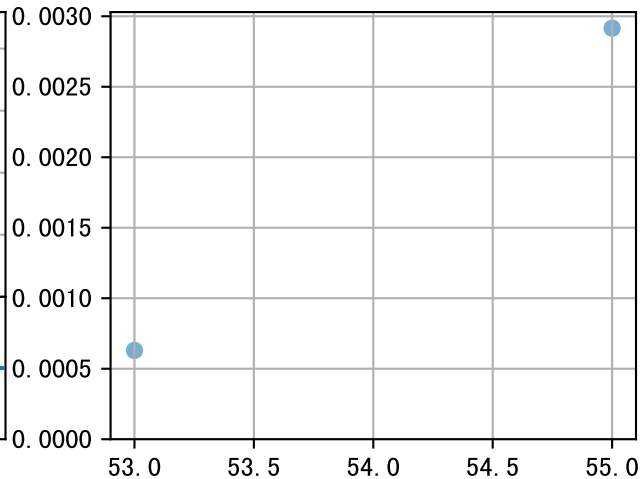
P3-6-019-12T3Fr1



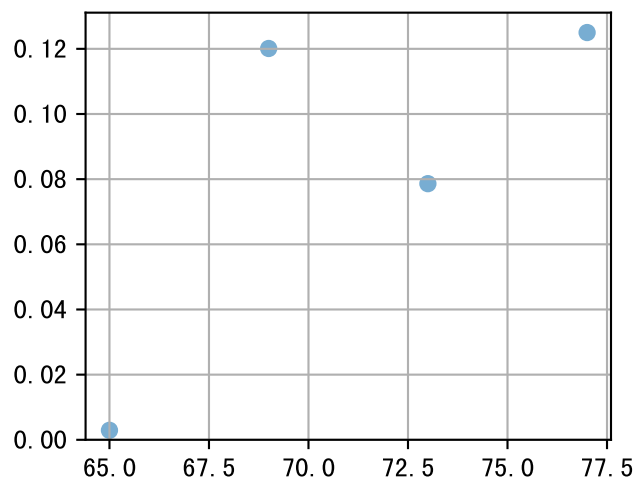
P3-6-019-12T3Fr5 (fit failed)



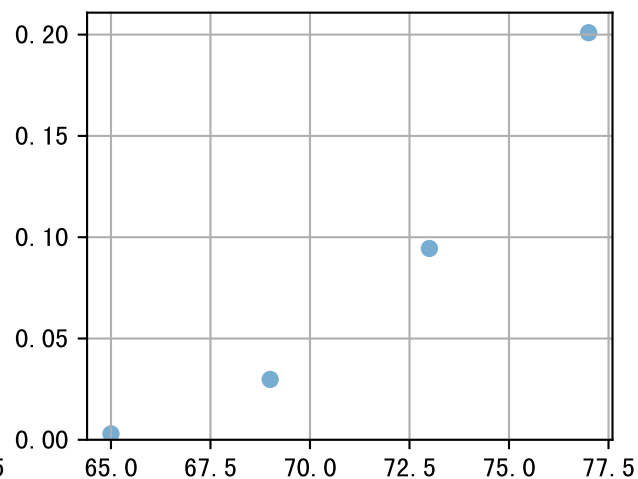
P3-6-019-12T4Fr1 (fit failed)



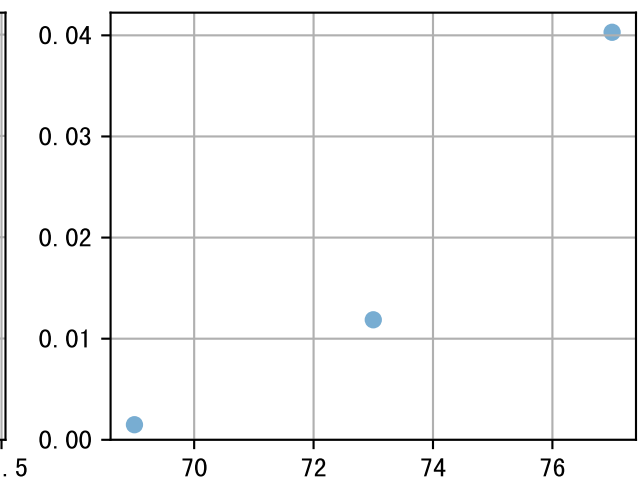
P3-6-019-12T4Fr5 (fit failed)



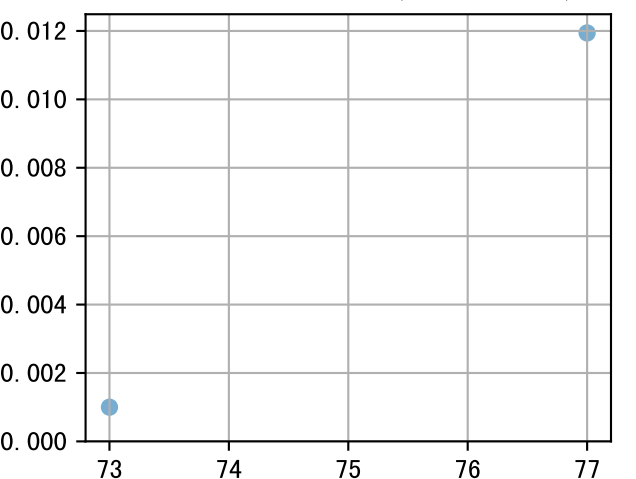
P3-6-019-12T5Fr1 (fit failed)



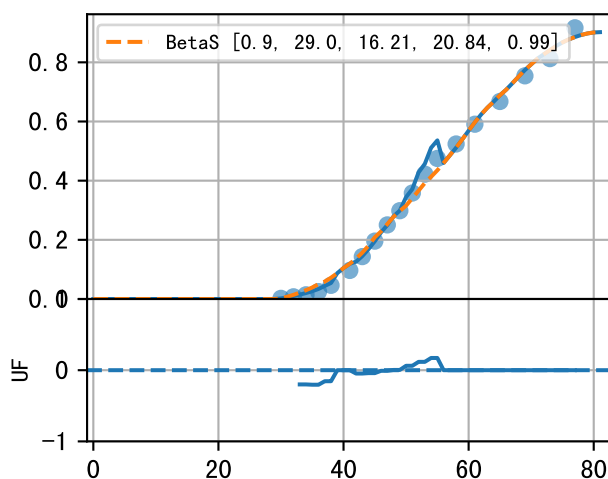
P3-6-019-12T5Fr5 (fit failed)



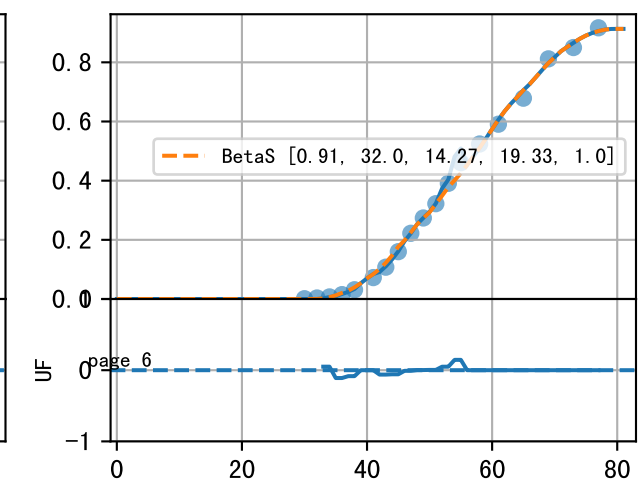
P3-6-019-12T6Fr1 (fit failed)



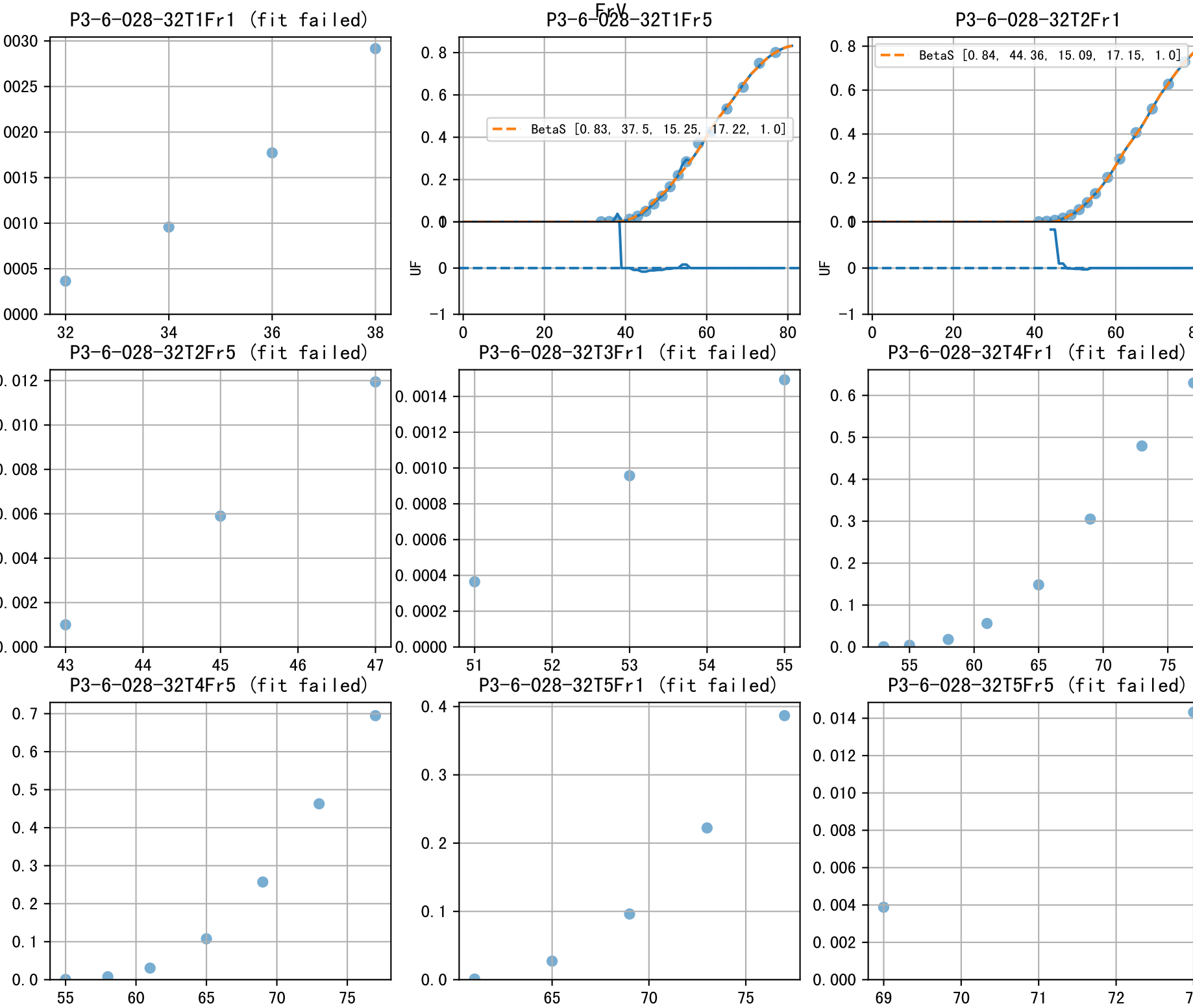
P3-6-024-25T1Fr1

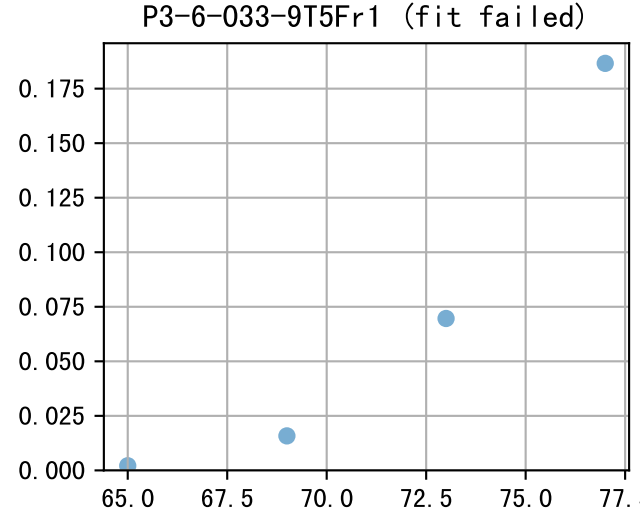
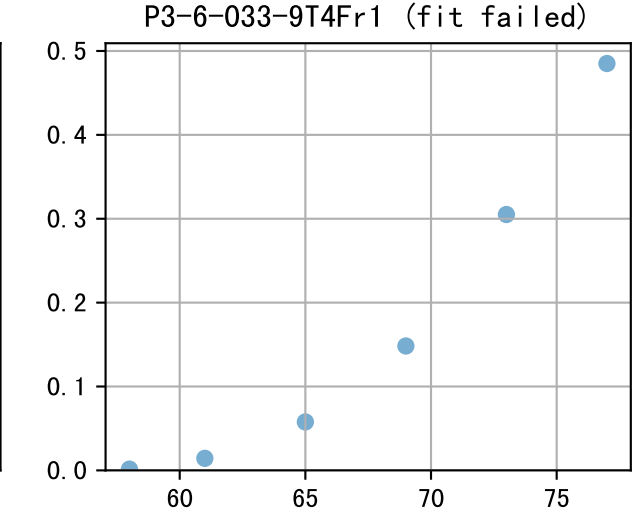
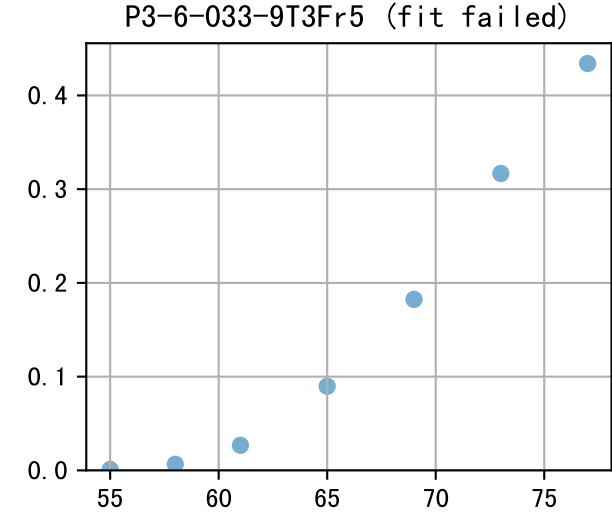
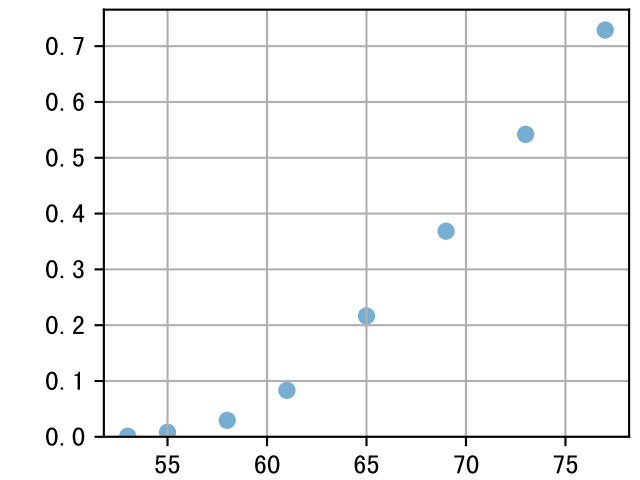
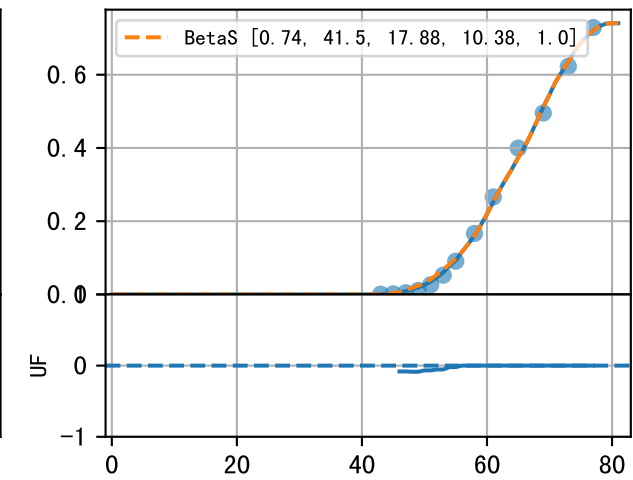
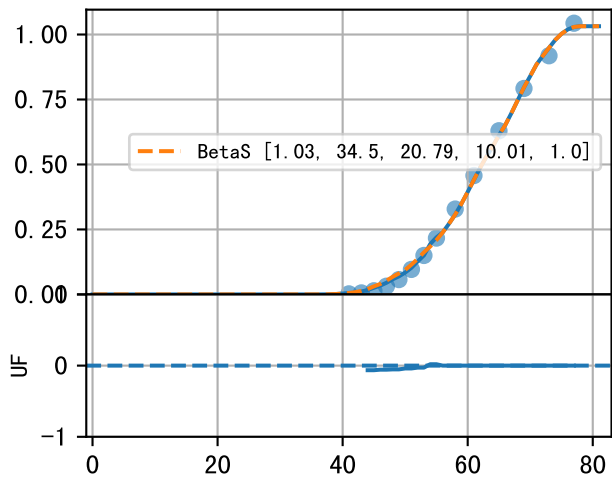
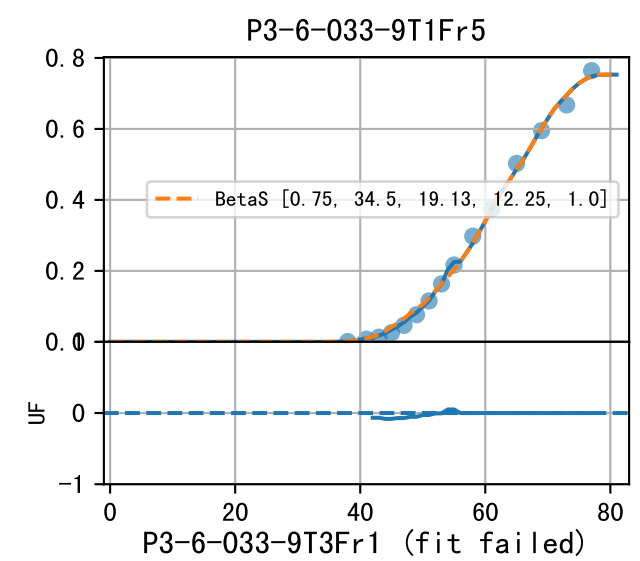
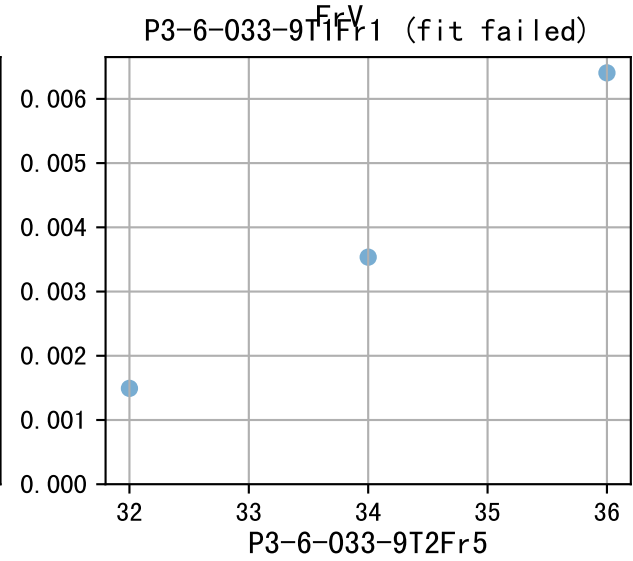
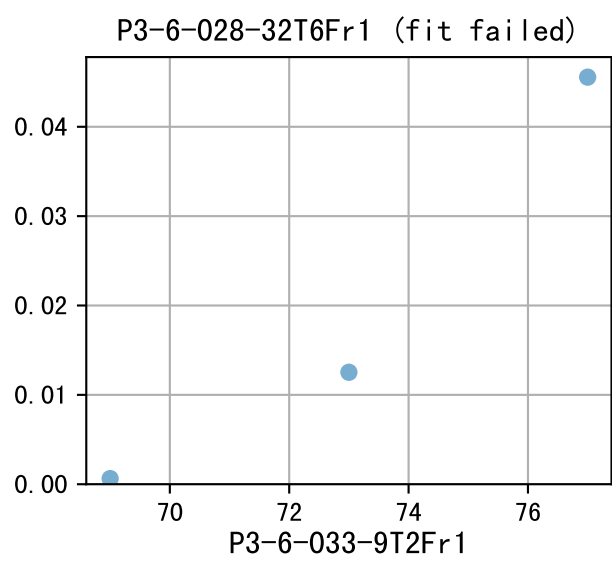


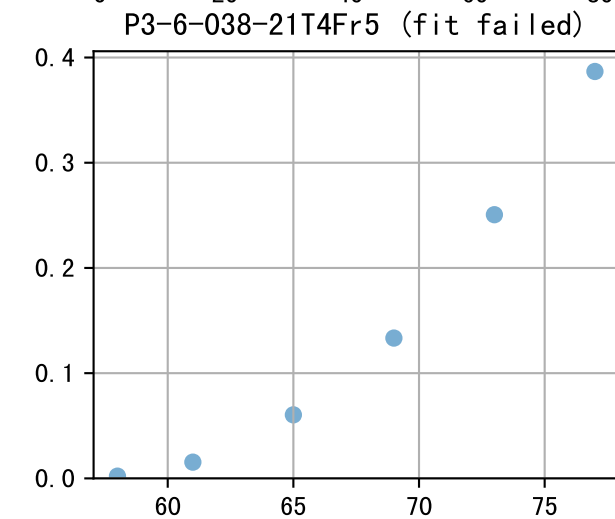
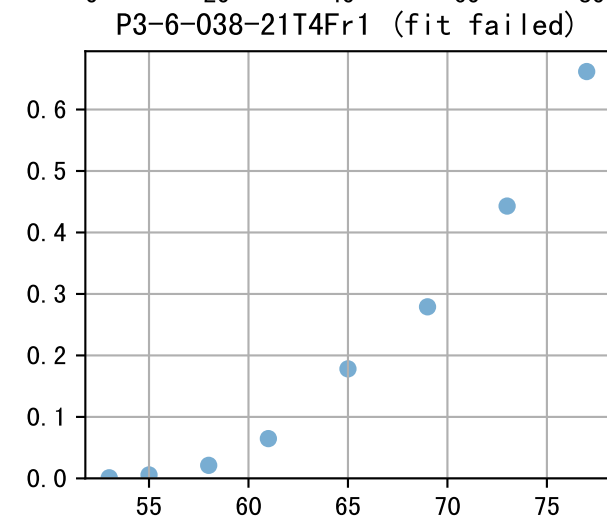
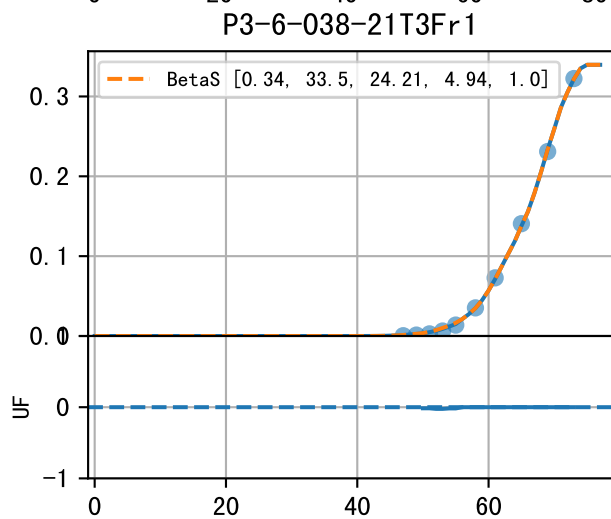
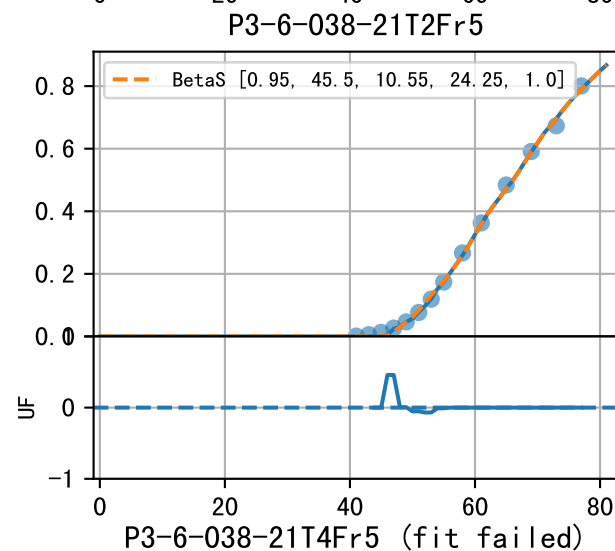
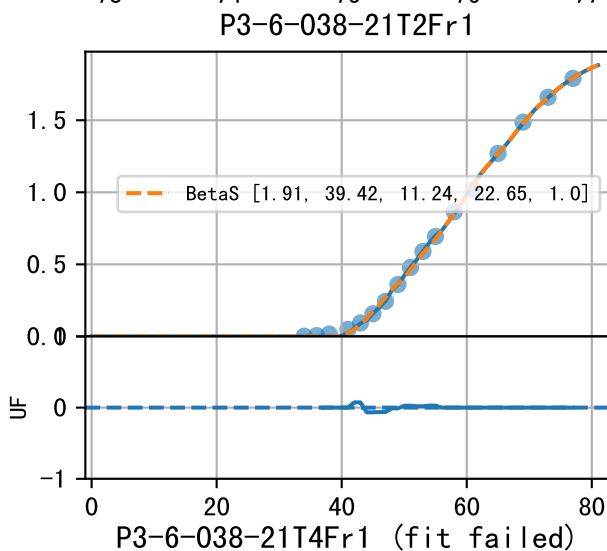
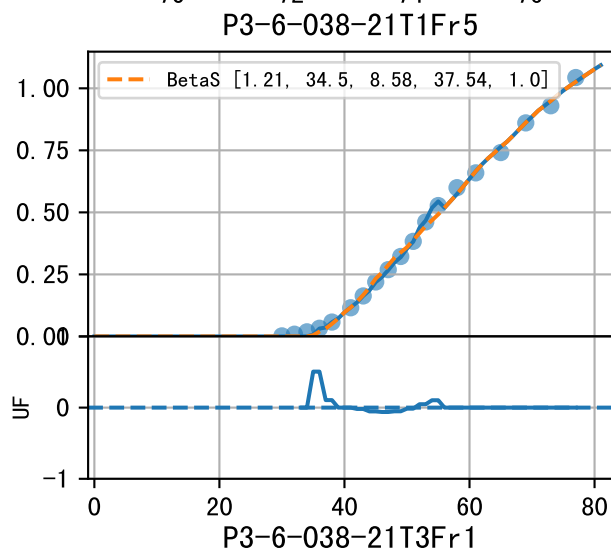
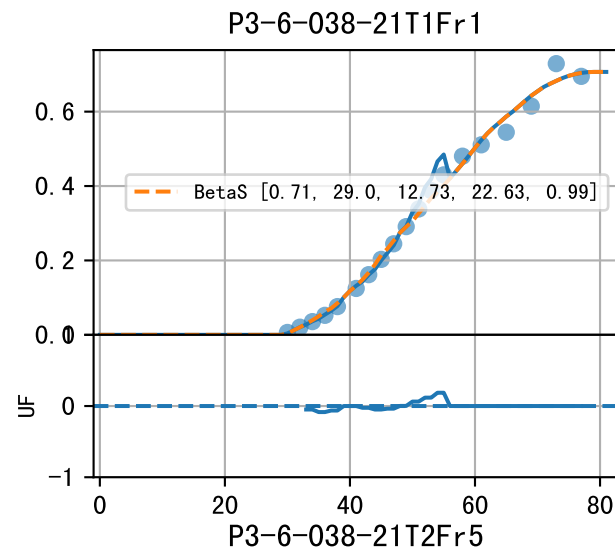
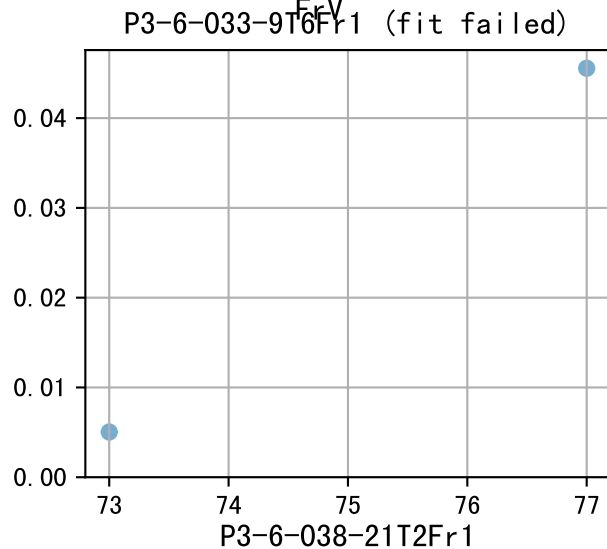
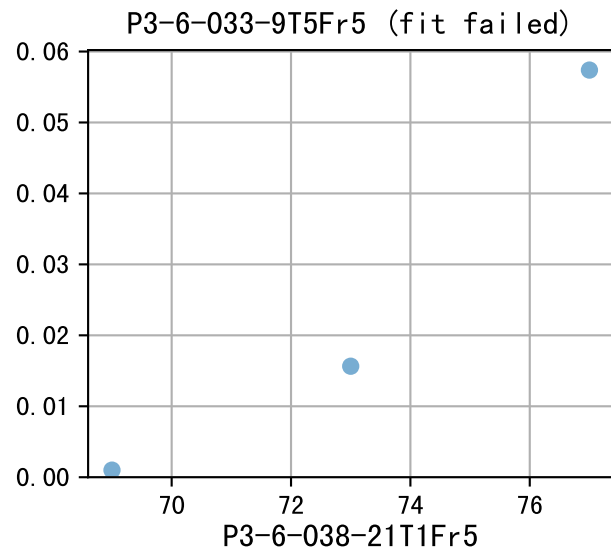
P3-6-024-25T1Fr5





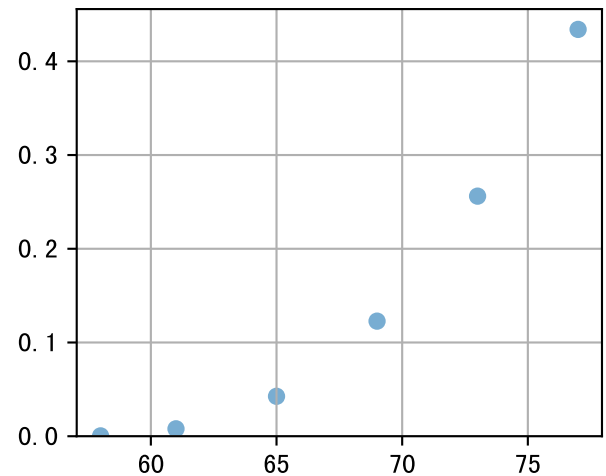




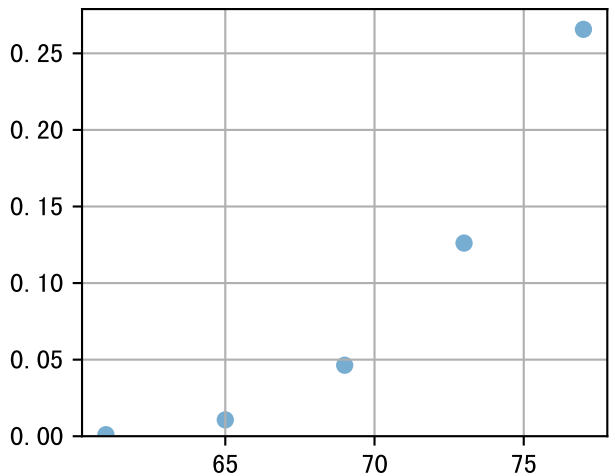


FrV

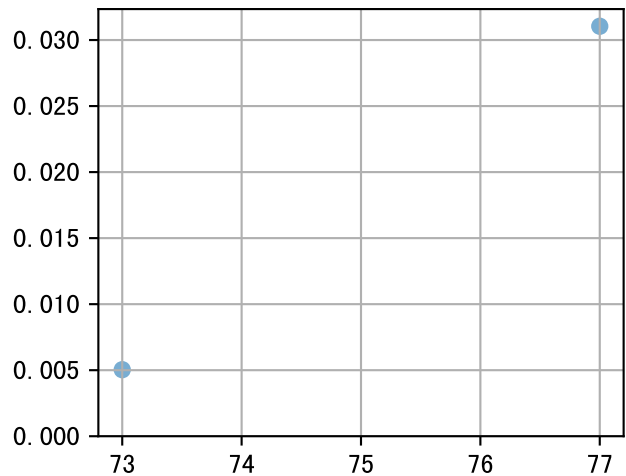
P3-6-038-21T5Fr1 (fit failed)



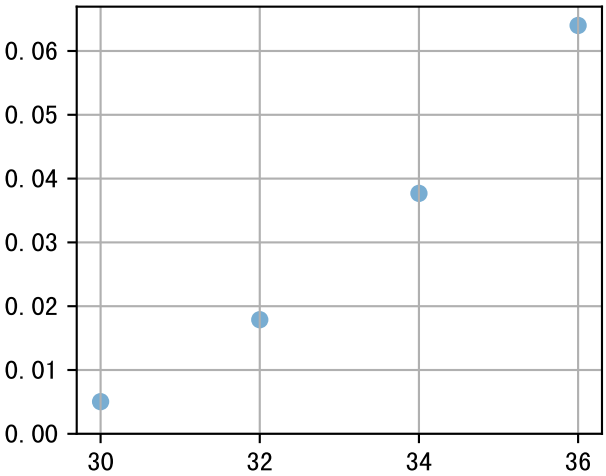
P3-6-038-21T5Fr5 (fit failed)



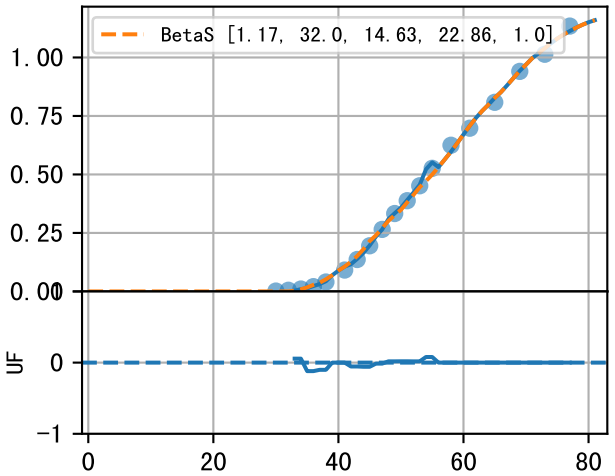
P3-6-038-21T6Fr1 (fit failed)



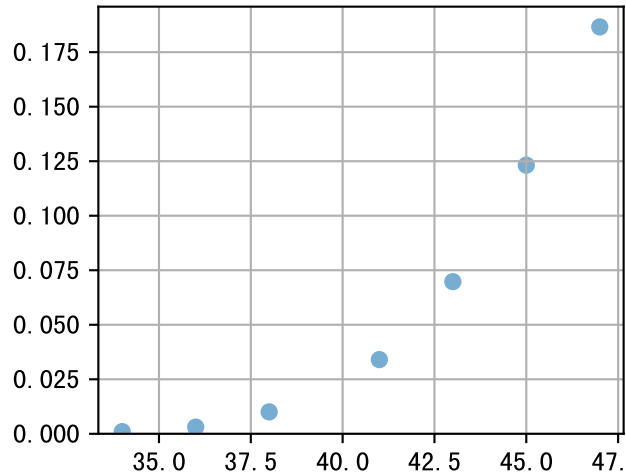
P3-6-042-4T1Fr1 (fit failed)



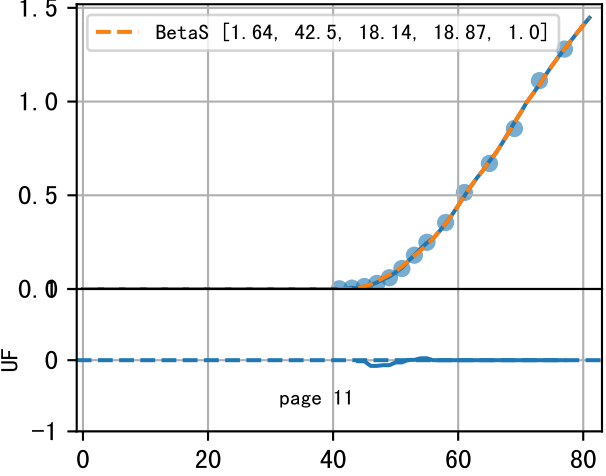
P3-6-042-4T1Fr5



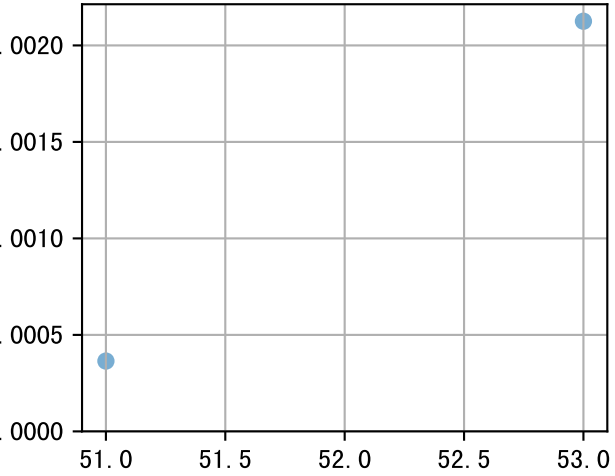
P3-6-042-4T2Fr1 (fit failed)



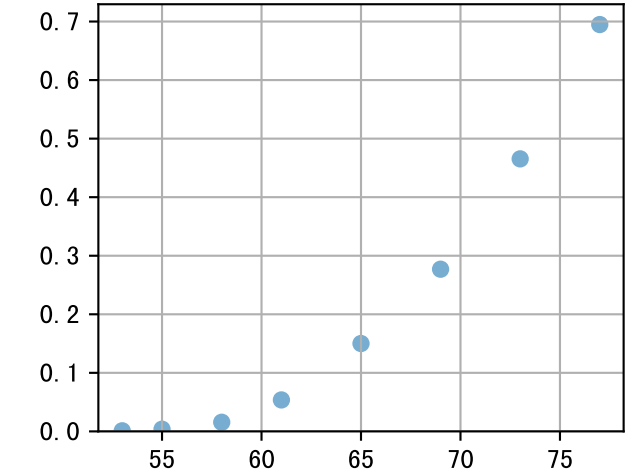
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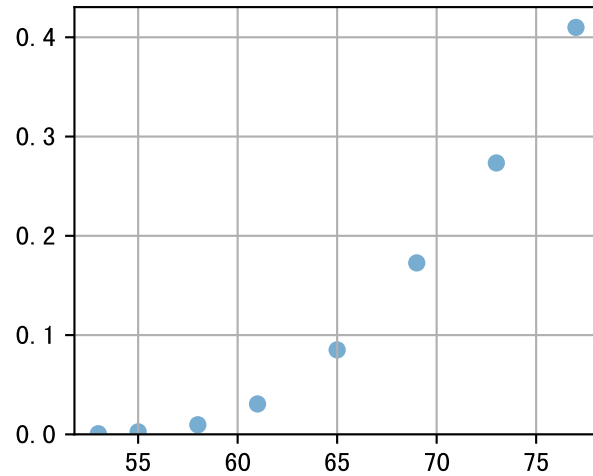
P3-6-042-4T3Fr1 (fit failed)

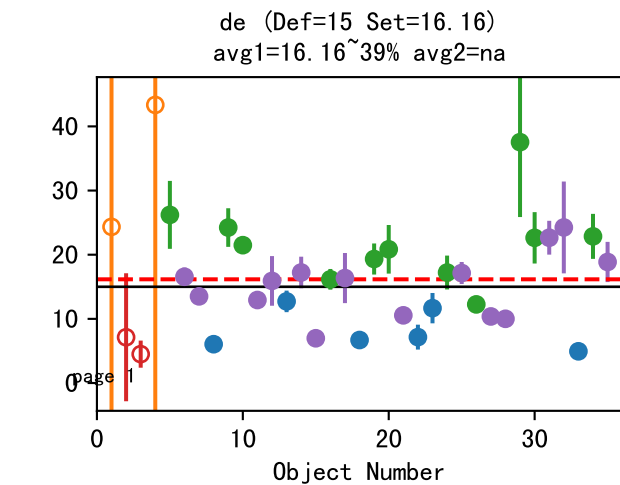
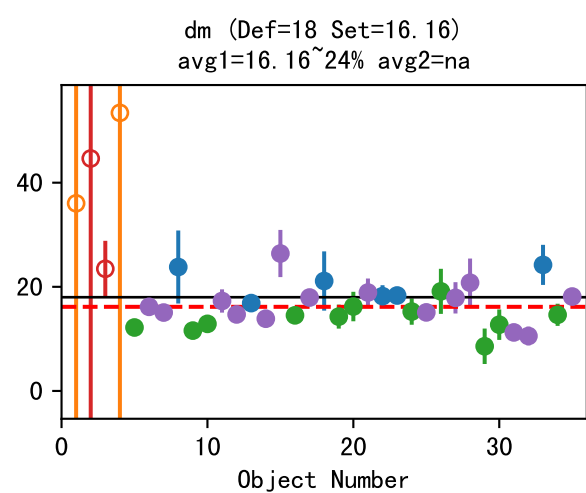
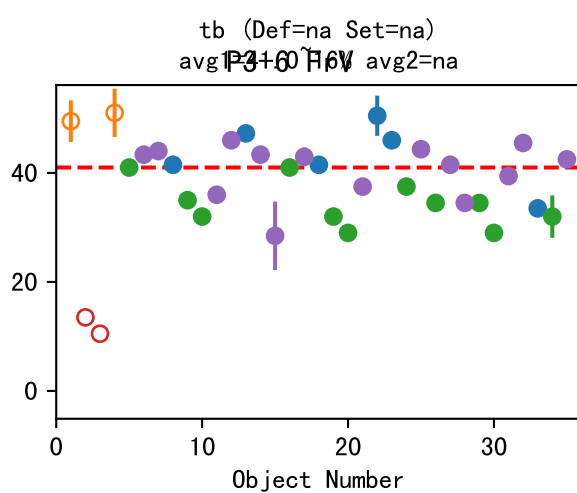
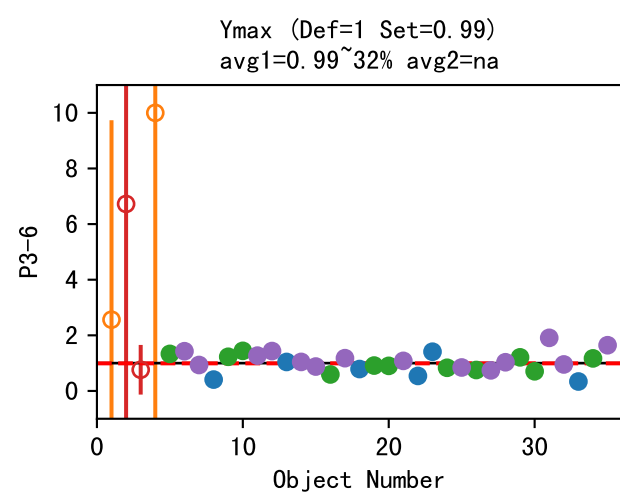


P3-6-042-4T3Fr5 (fit failed)

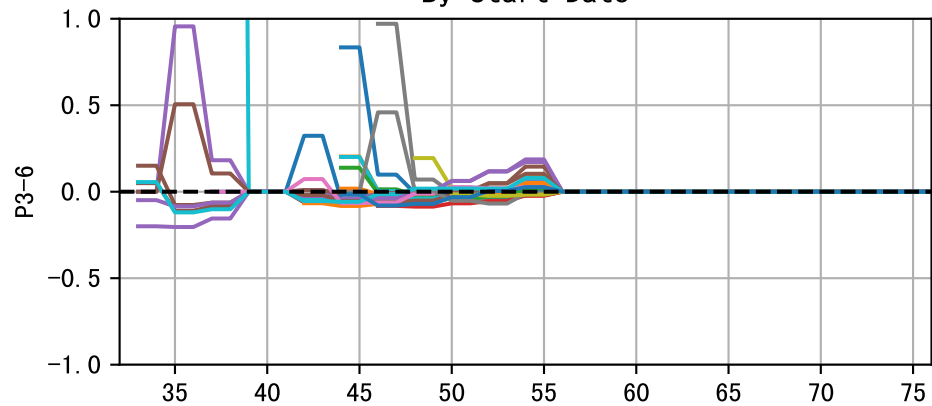


P3-6-042-4T4Fr1 (fit failed)

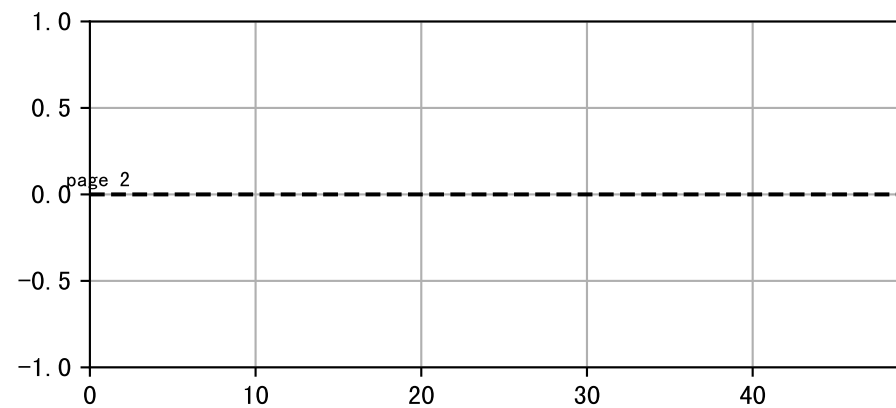
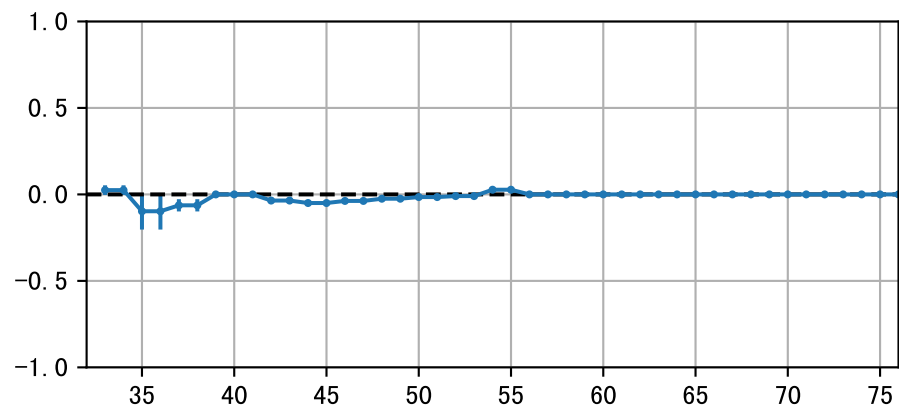
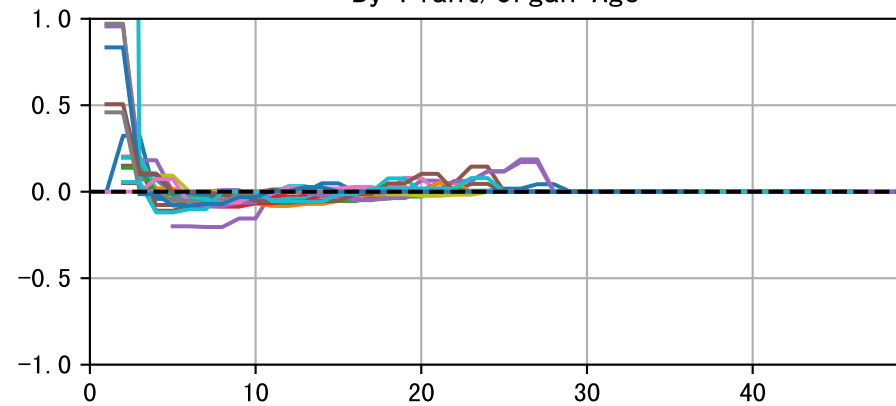




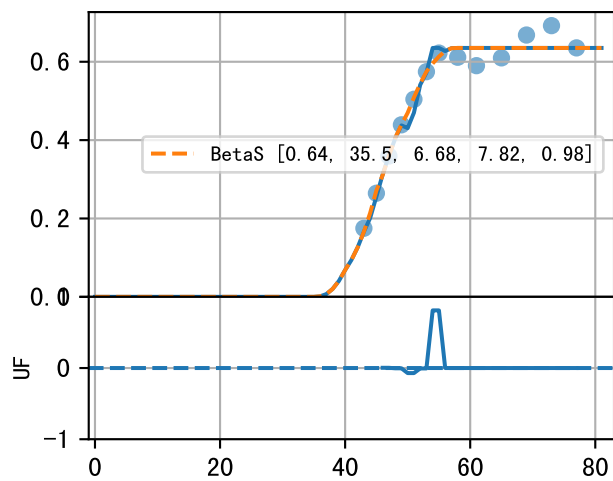
By Start Date



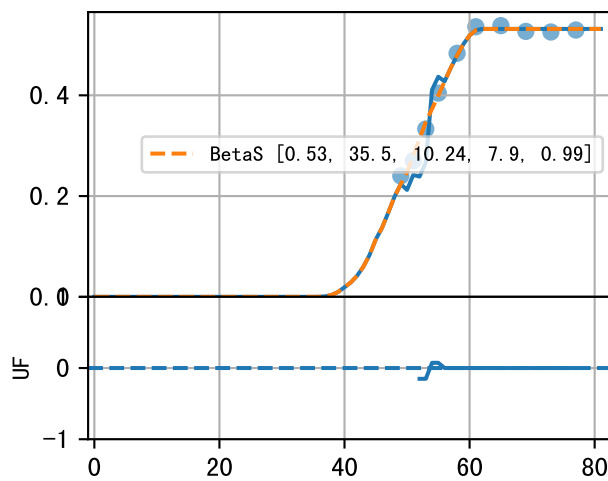
By Plant/Organ Age



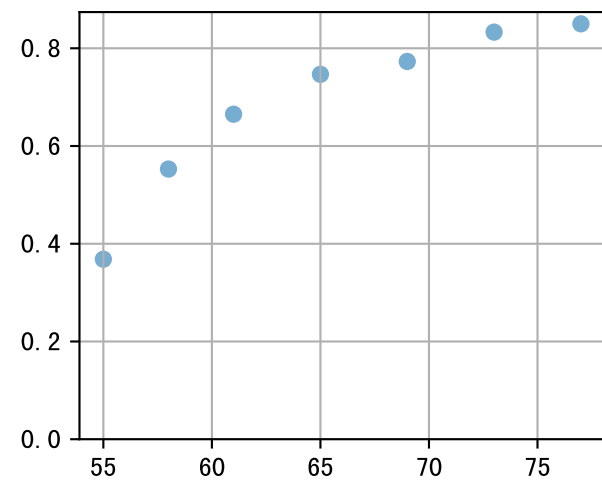
P3-6-003-24L12 (fit failed)



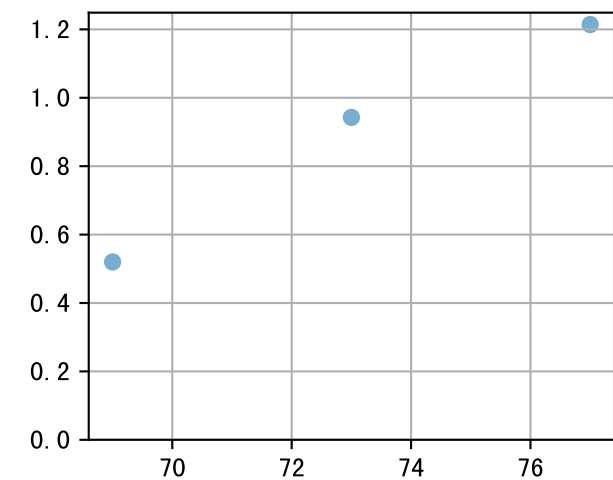
P3-6-003-24L14



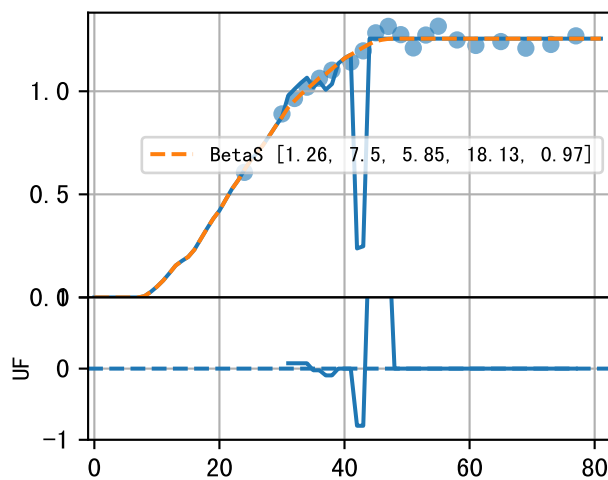
P3-6-003-24L16 (fit failed)



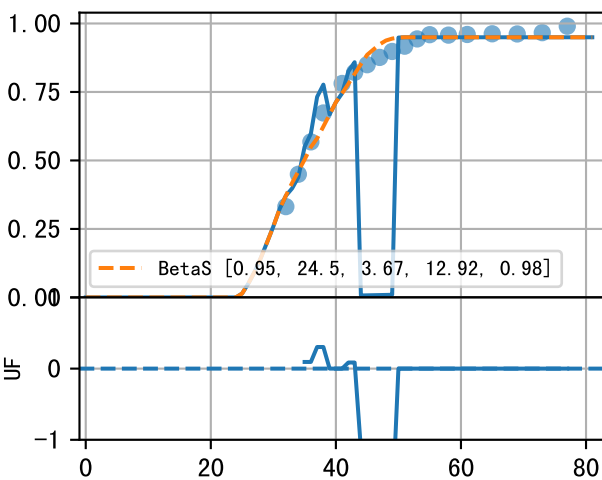
P3-6-003-24L21 (fit failed)



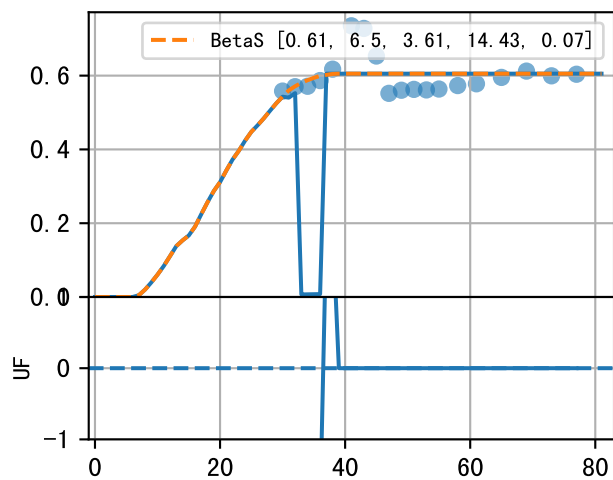
P3-6-003-24L6 (fit failed)



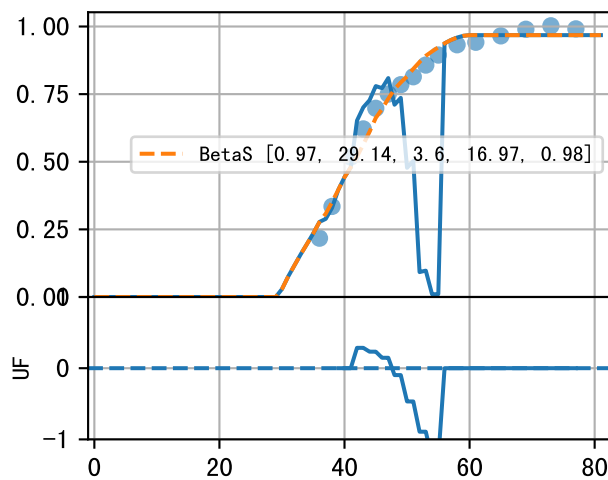
P3-6-003-24L9



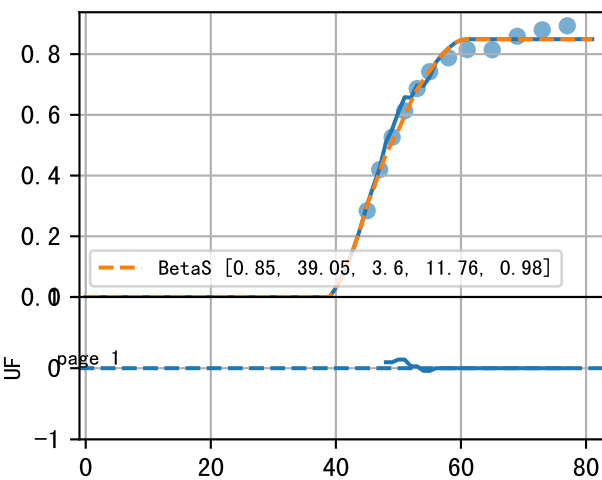
P3-6-007-11L10 (fit failed)



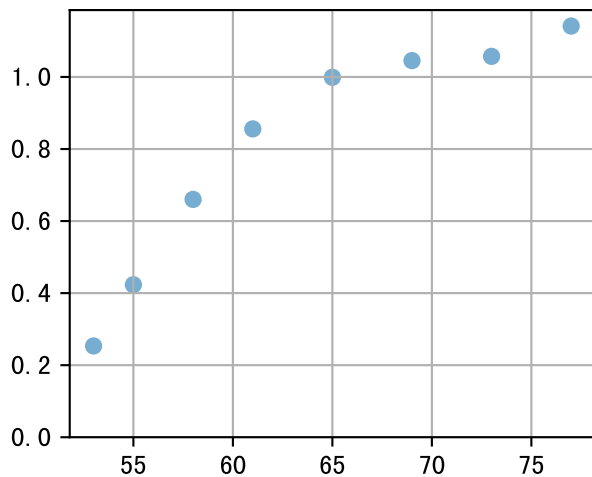
P3-6-007-11L13 (fit failed)



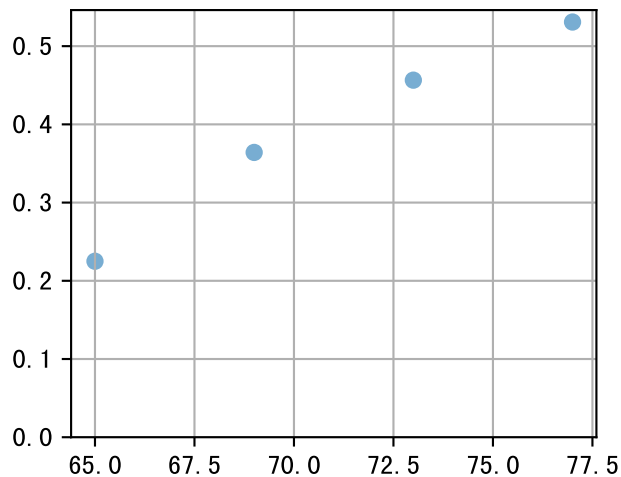
P3-6-007-11L16



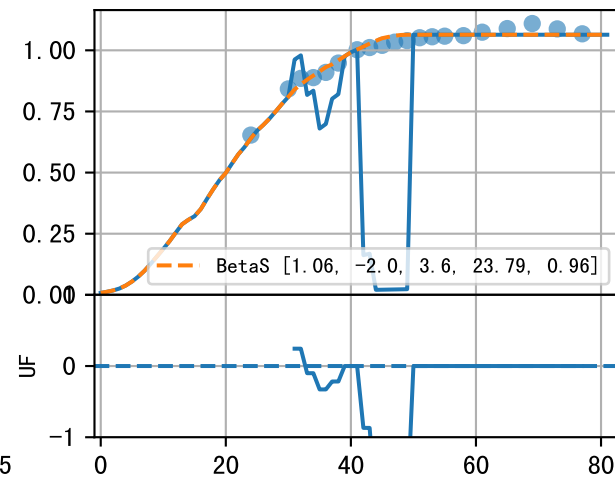
P3-6-007-11L19 (fit failed)



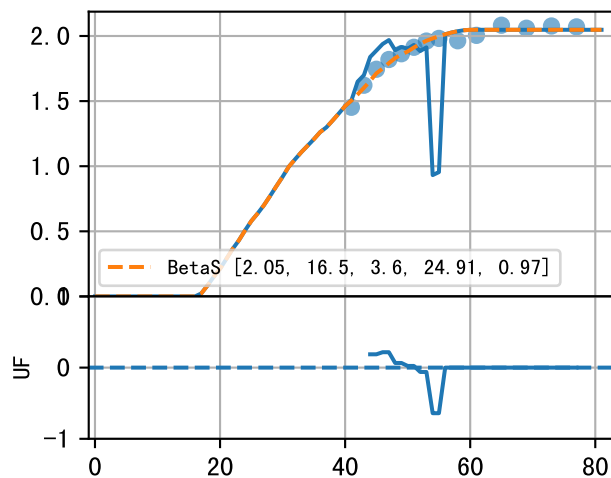
P3-6-007-11L22 (fit failed)



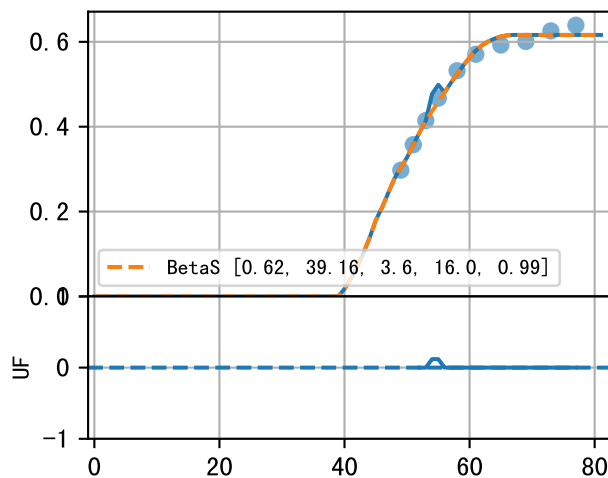
P3-6-007-11L7 (fit failed)



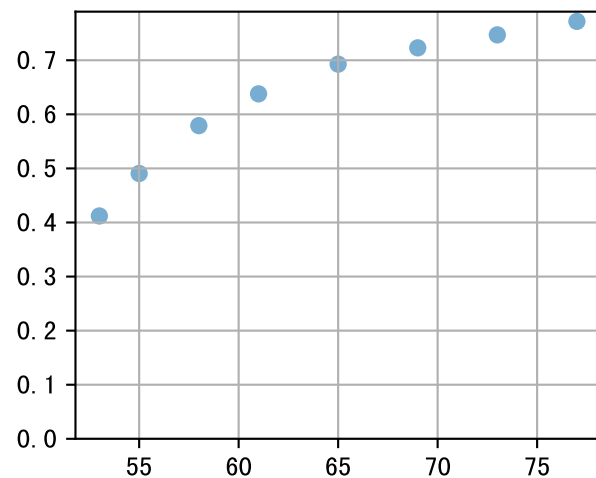
P3-6-011-7L12 (fit failed)



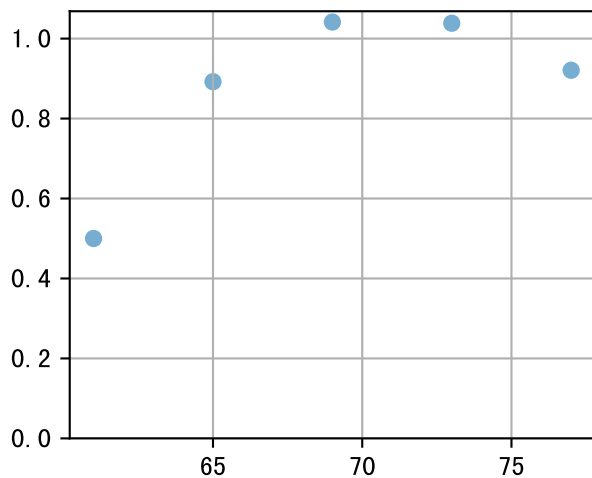
P3-6-011-7L15 (fit failed)



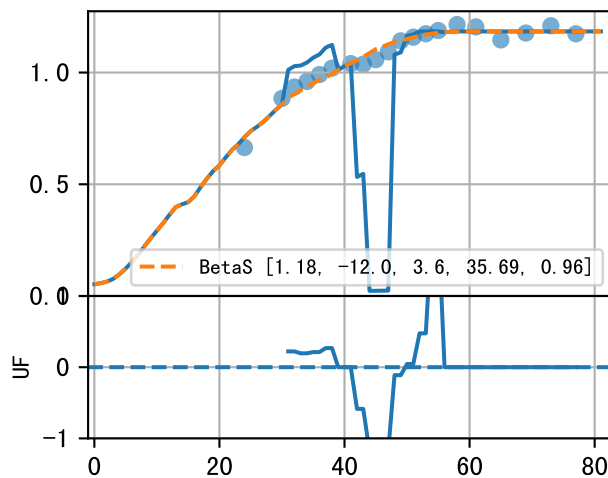
P3-6-011-7L18 (fit failed)



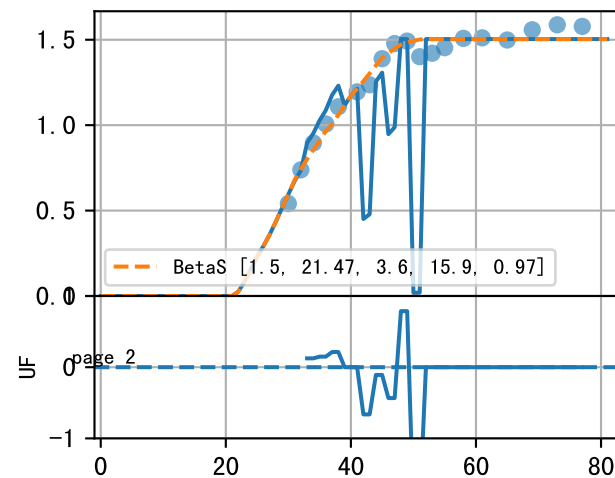
P3-6-011-7L21 (fit failed)



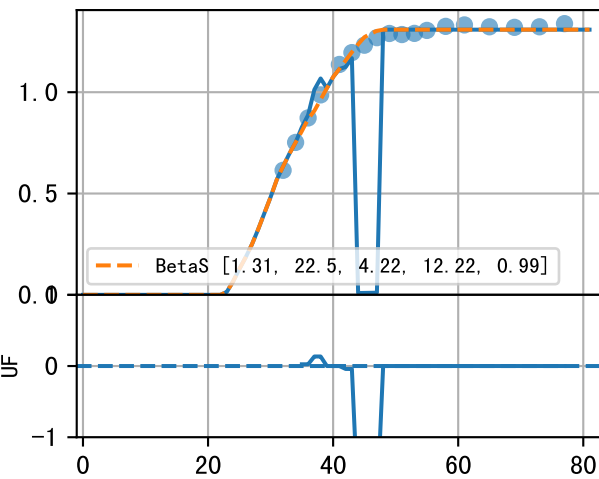
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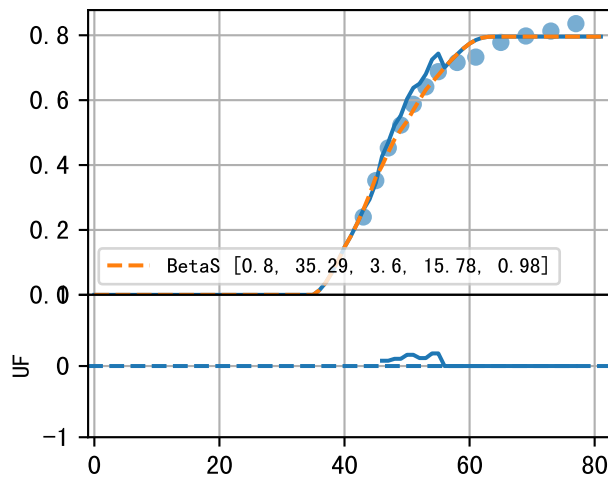
P3-6-011-7L9



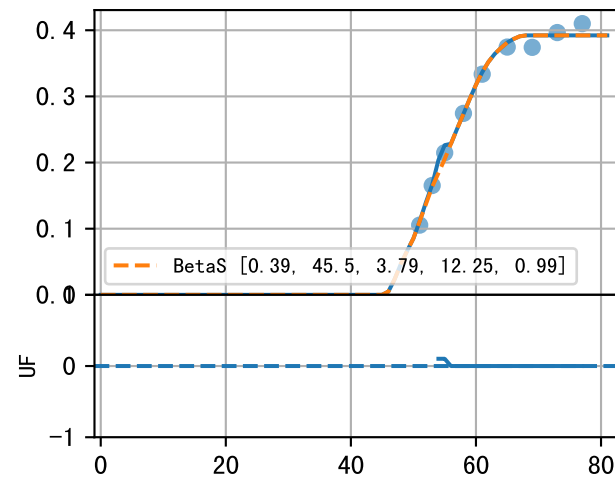
P3-6-015-30L10



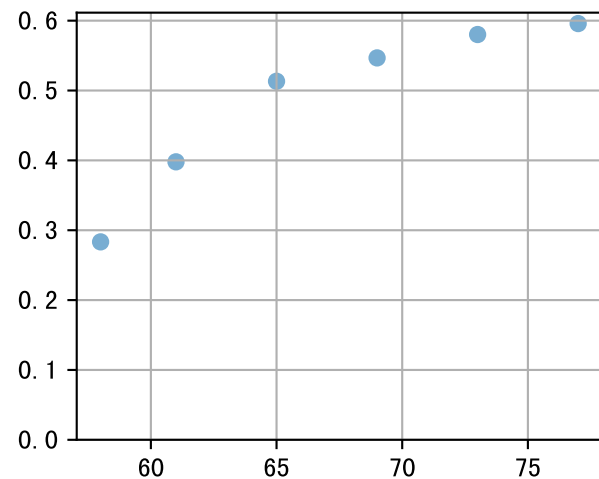
P3-6-015-30L13 (fit failed)



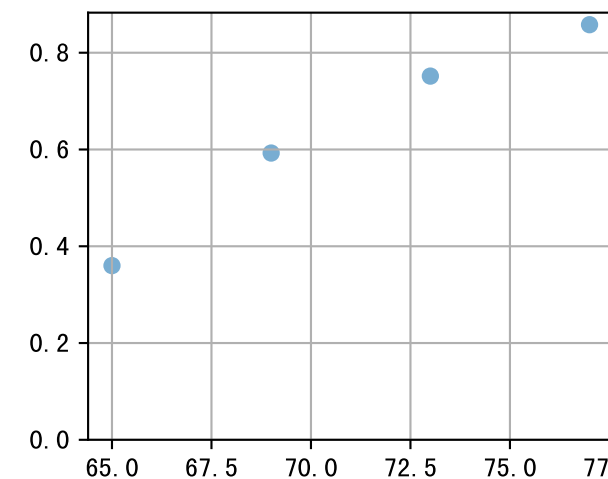
P3-6-015-30L16 (fit failed)



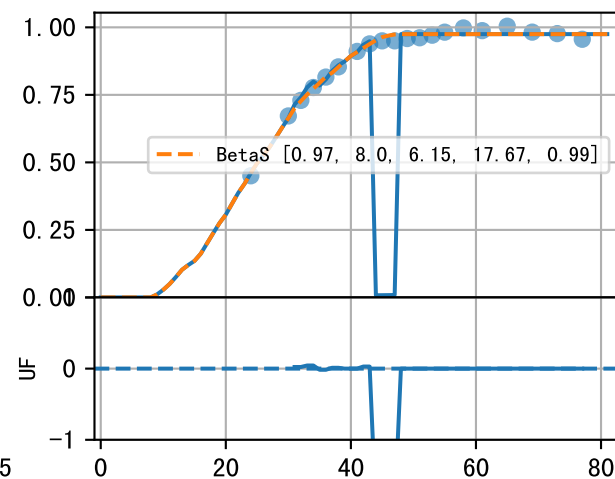
P3-6-015-30L19 (fit failed)



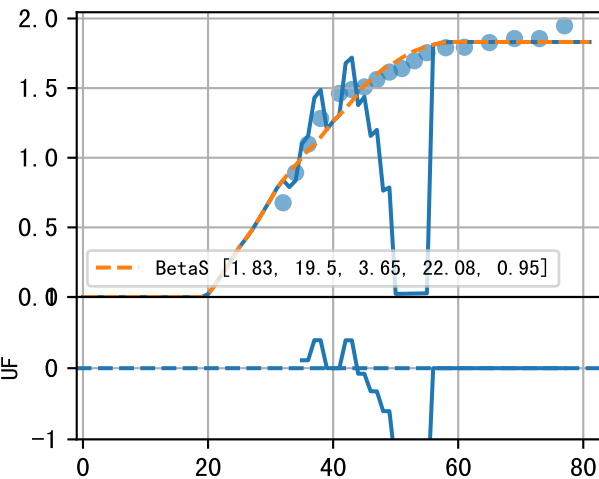
P3-6-015-30L22 (fit failed)



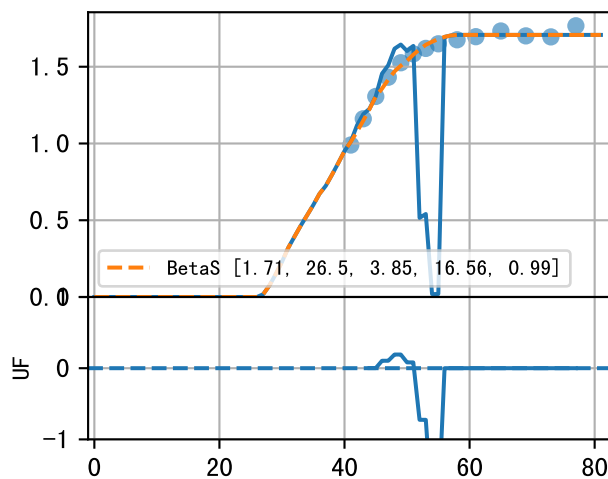
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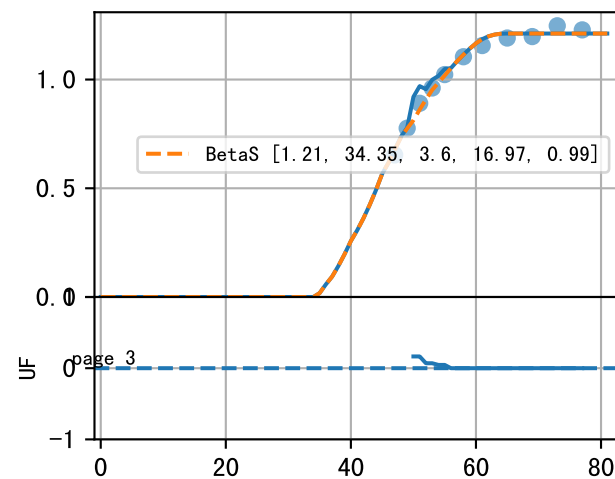
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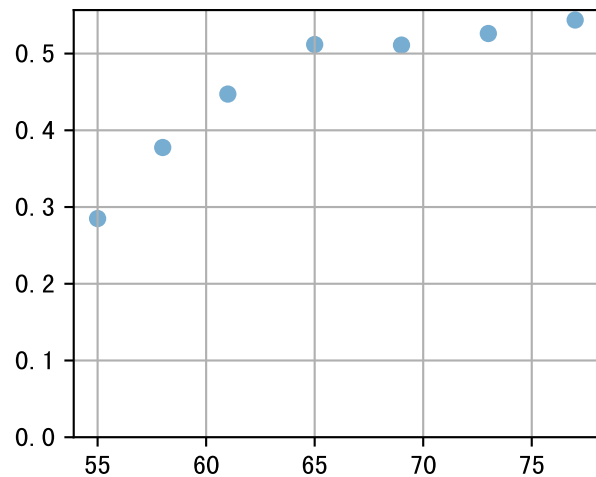
P3-6-019-12L13



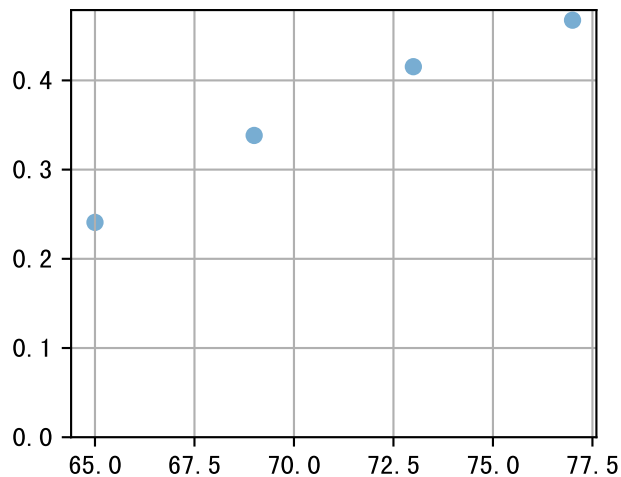
P3-6-019-12L15



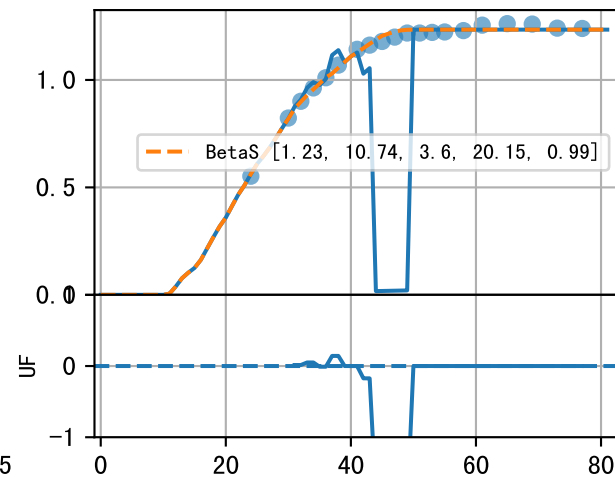
P3-6-019-12L17 (fit failed)



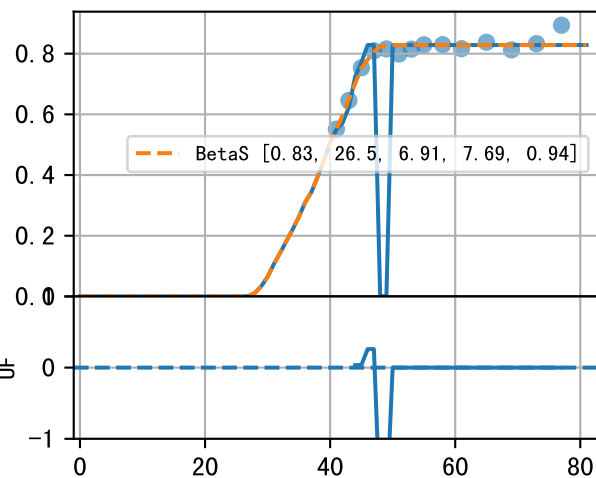
P3-6-019-12L21 (fit failed)



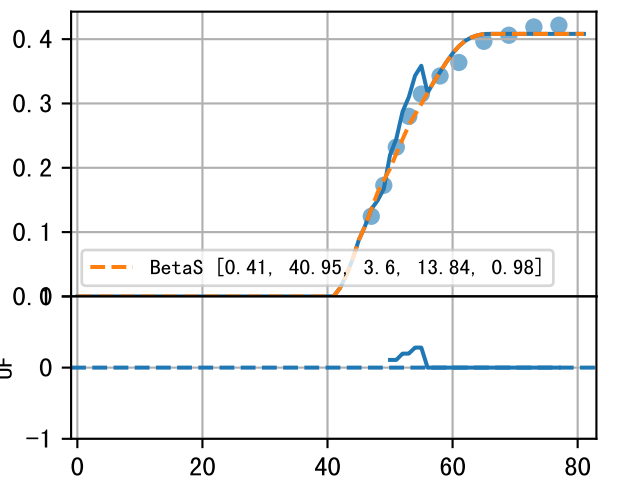
P3-6-019-12L7



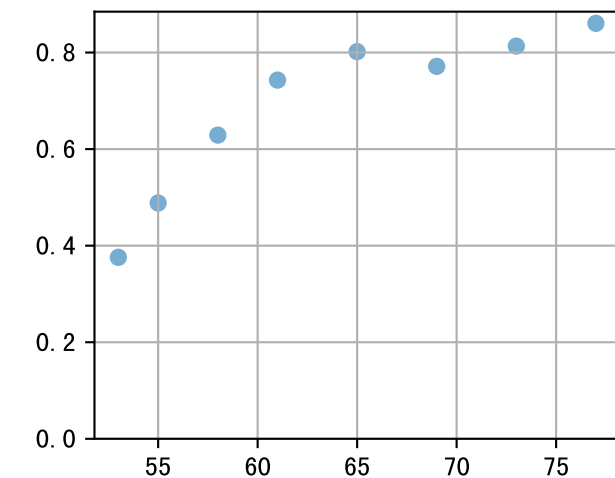
P3-6-024-25L12 (fit failed)



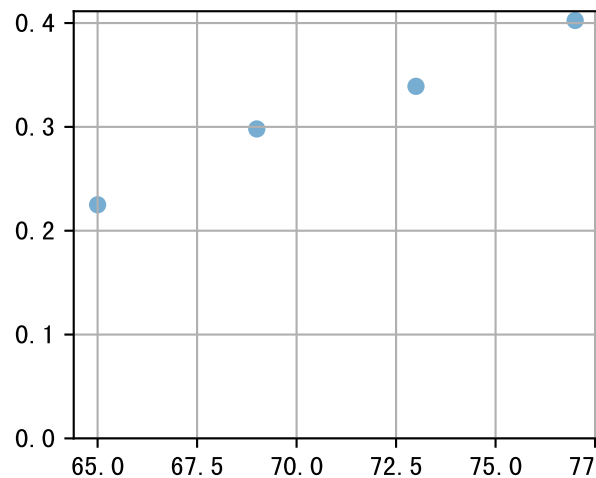
P3-6-024-25L15 (fit failed)



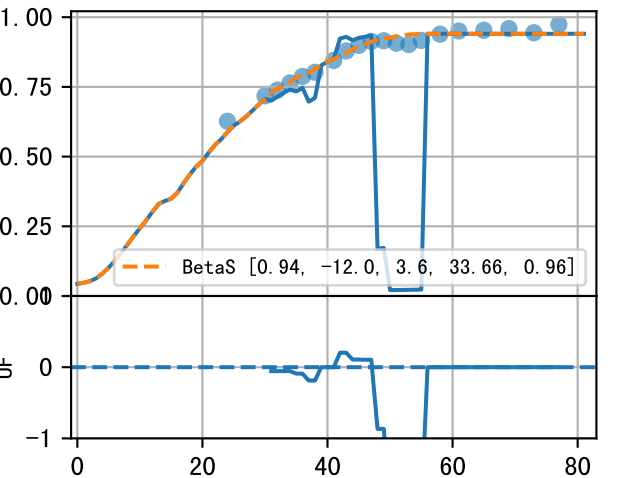
P3-6-024-25L17 (fit failed)



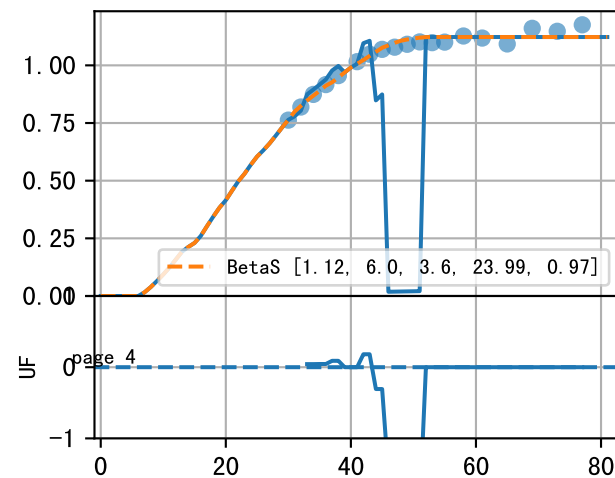
P3-6-024-25L20 (fit failed)

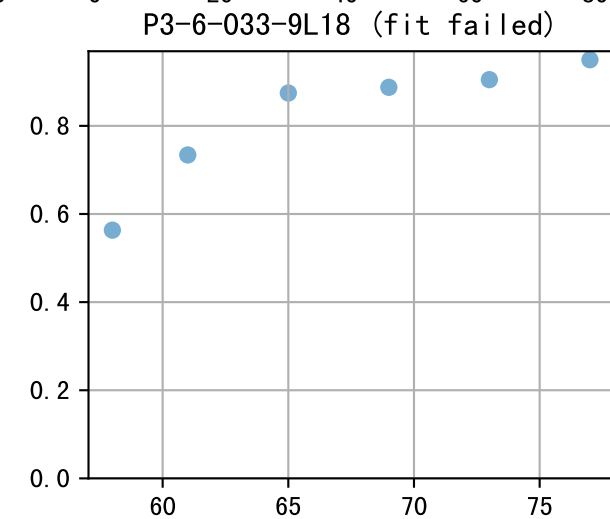
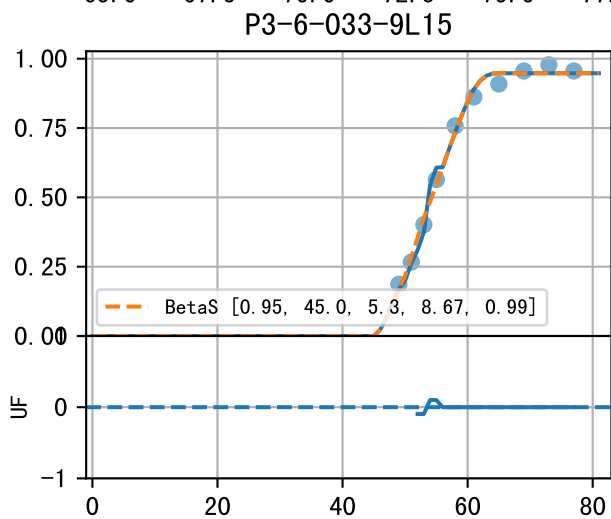
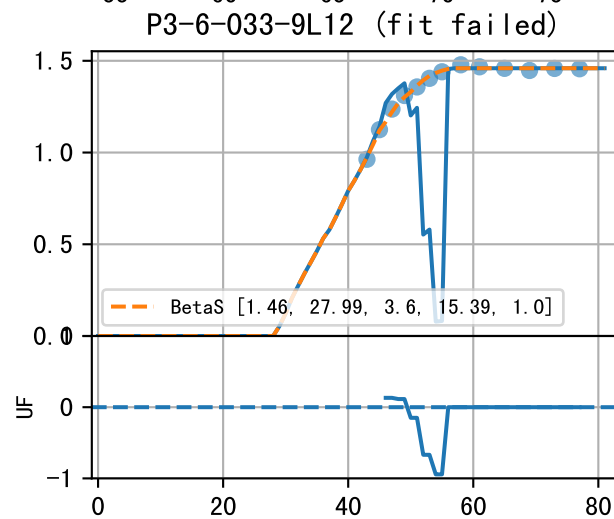
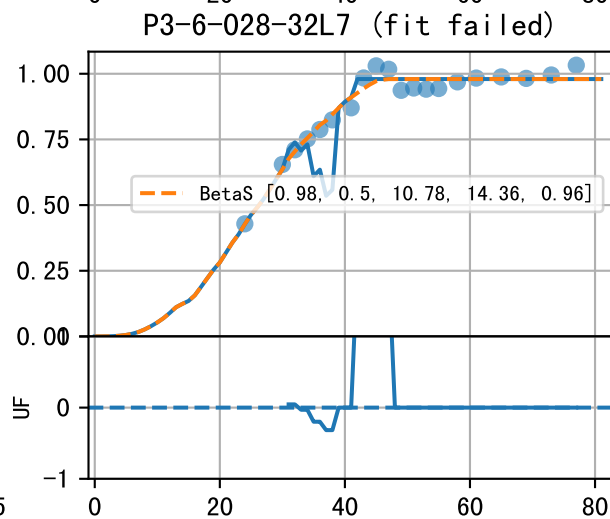
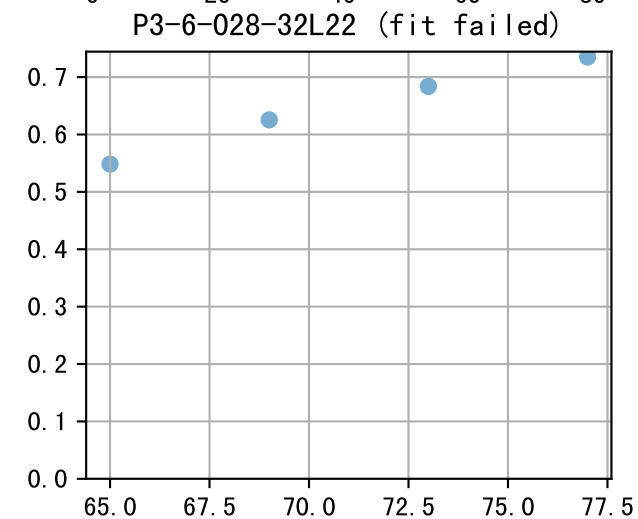
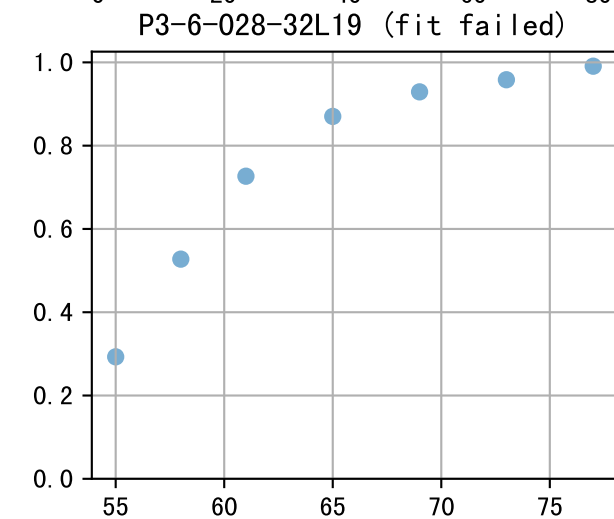
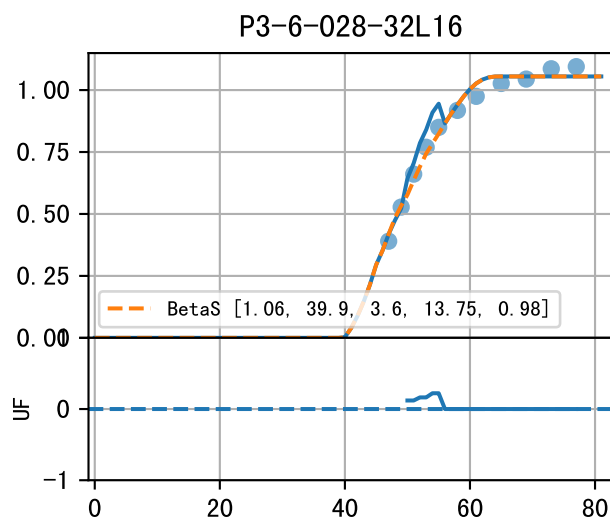
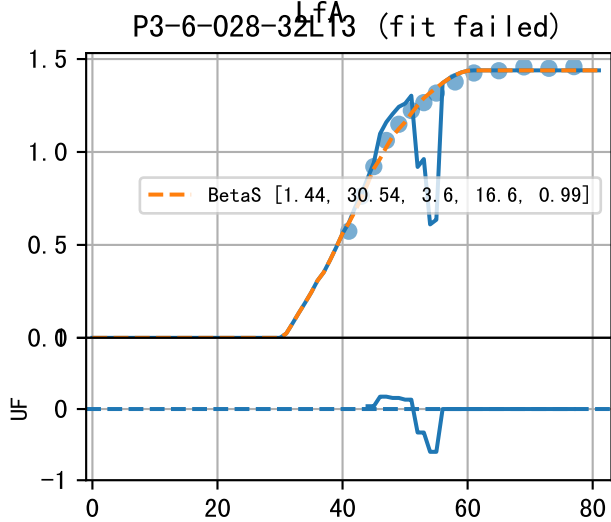
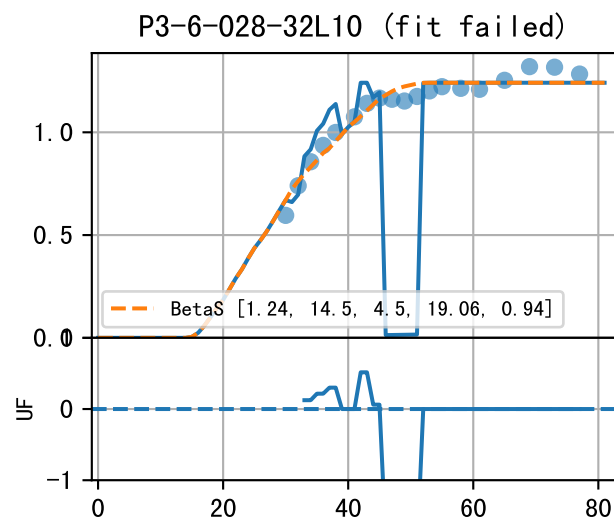


P3-6-024-25L6

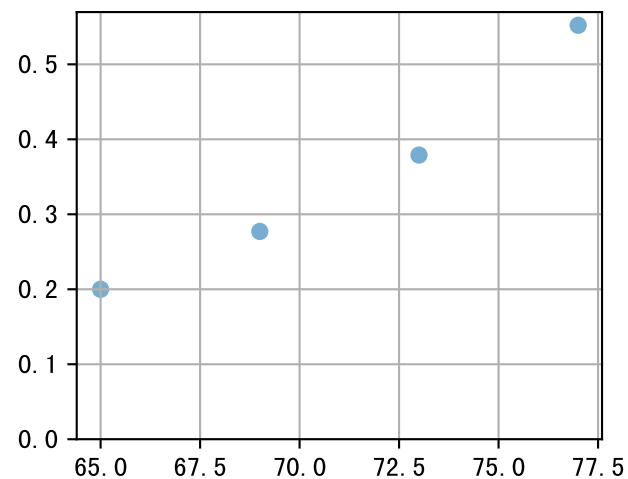


P3-6-024-25L9 (fit failed)

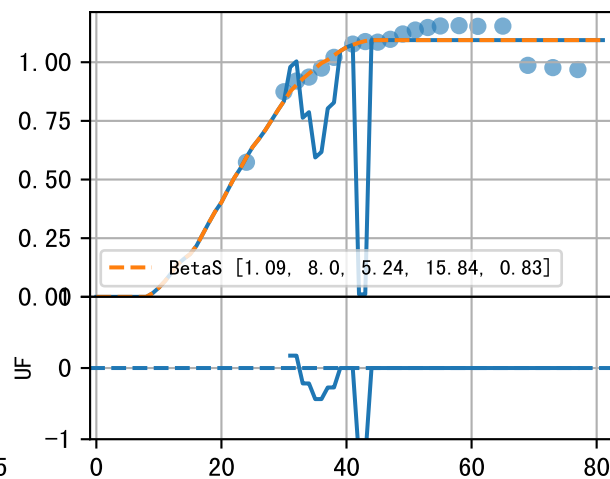




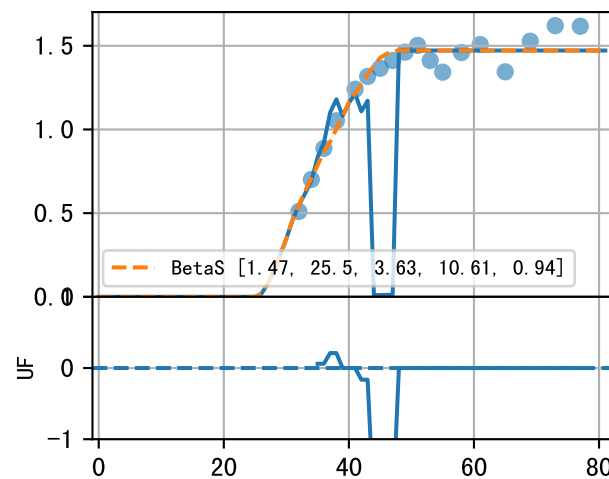
P3-6-033-9L21 (fit failed)



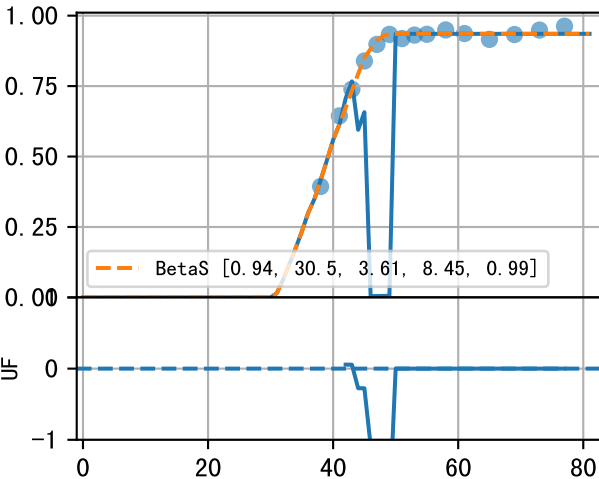
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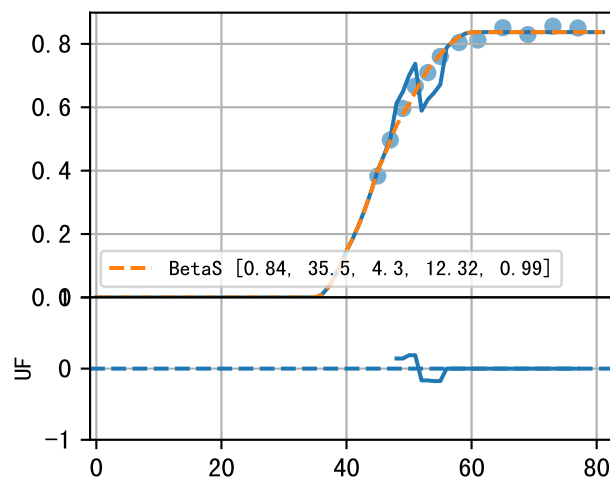
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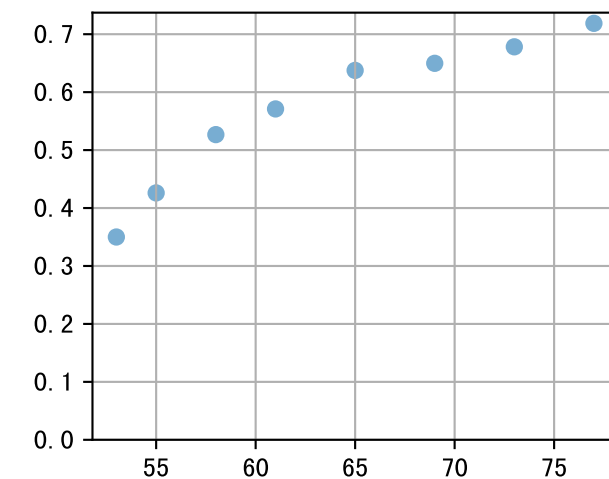
P3-6-038-21L12 (fit failed)



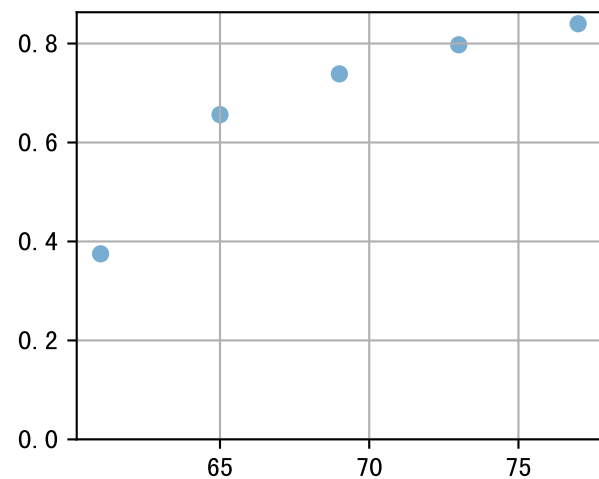
P3-6-038-21L15 (fit failed)



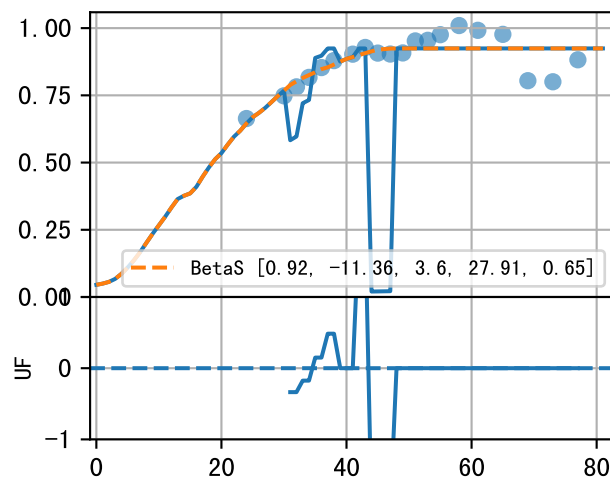
P3-6-038-21L18 (fit failed)



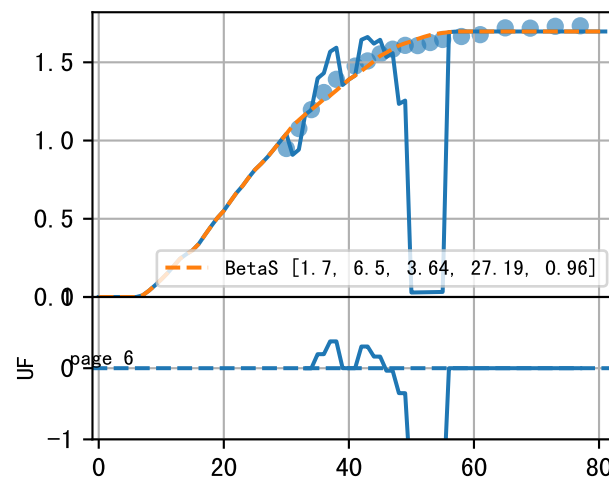
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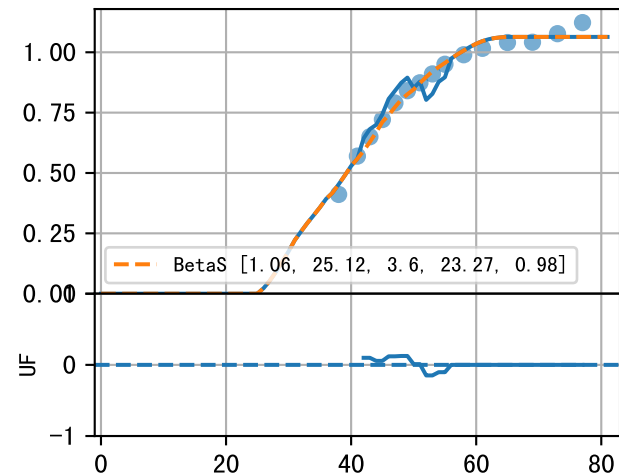
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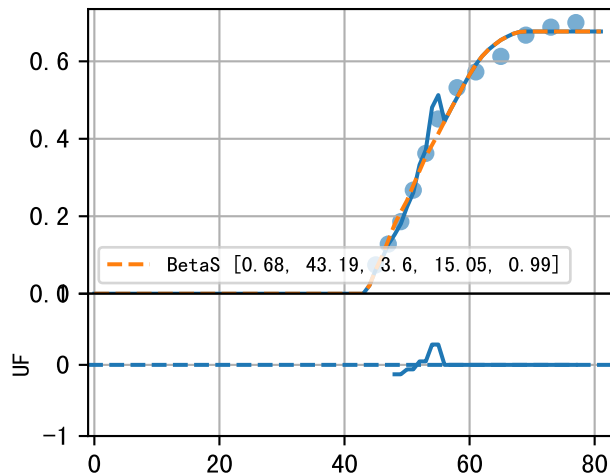
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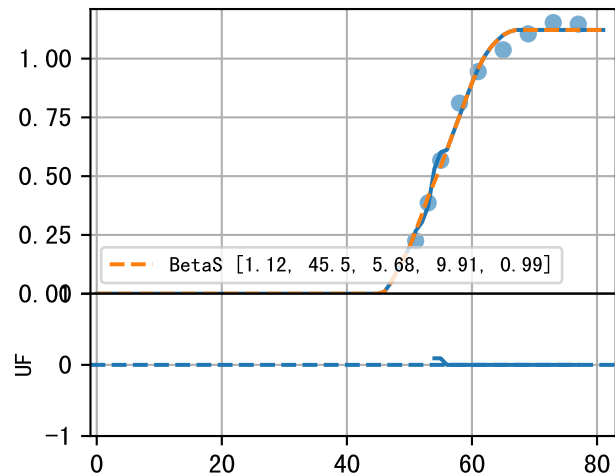
P3-6-042-4L12



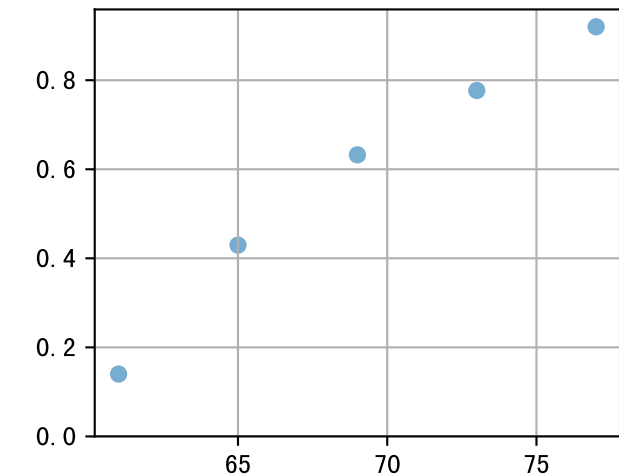
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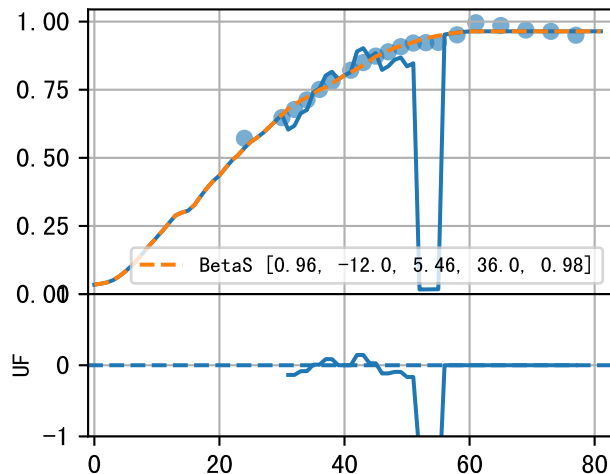
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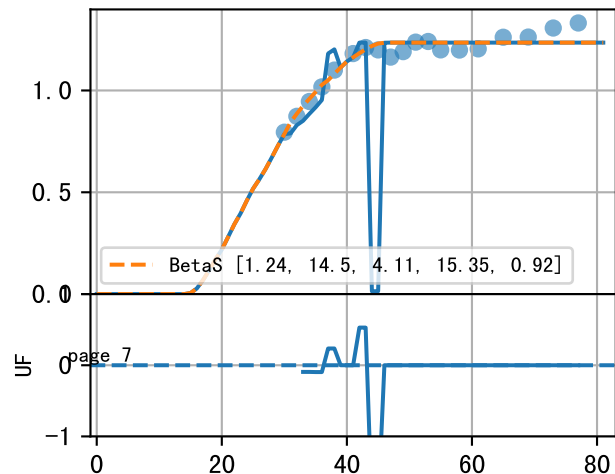
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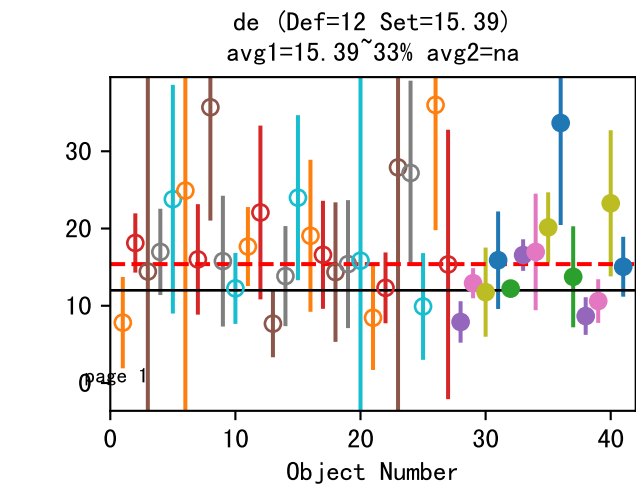
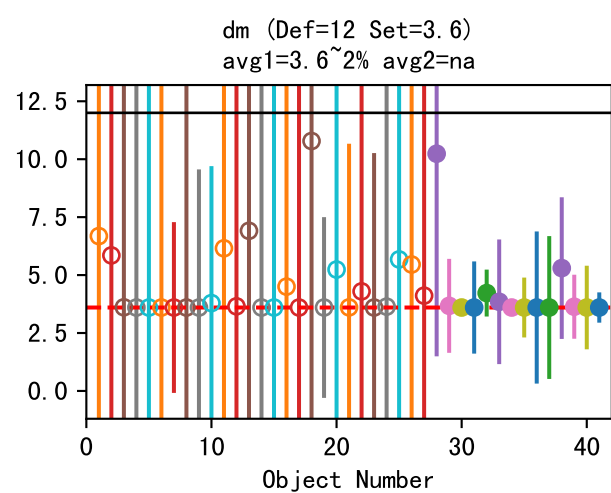
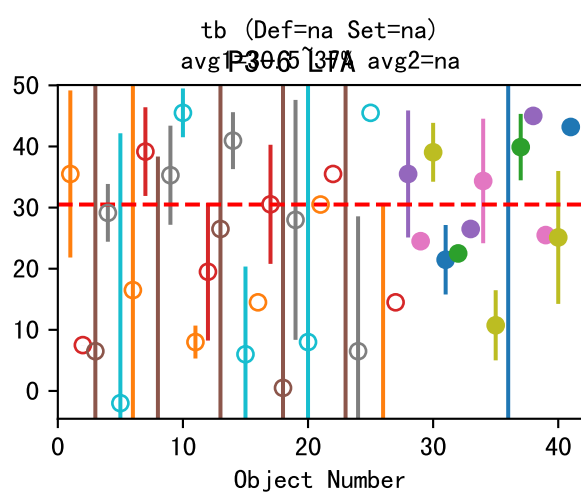
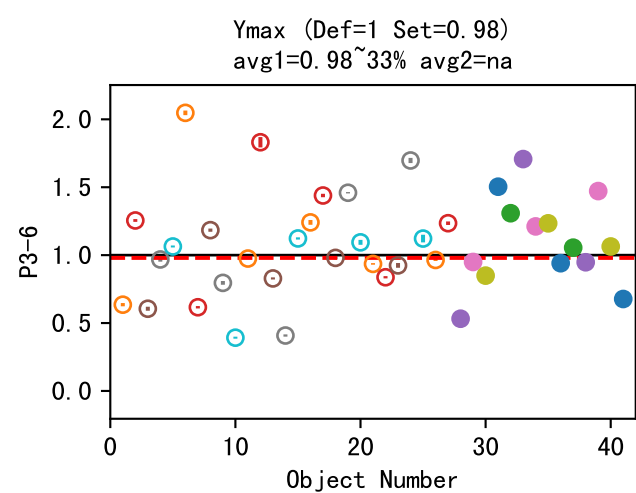


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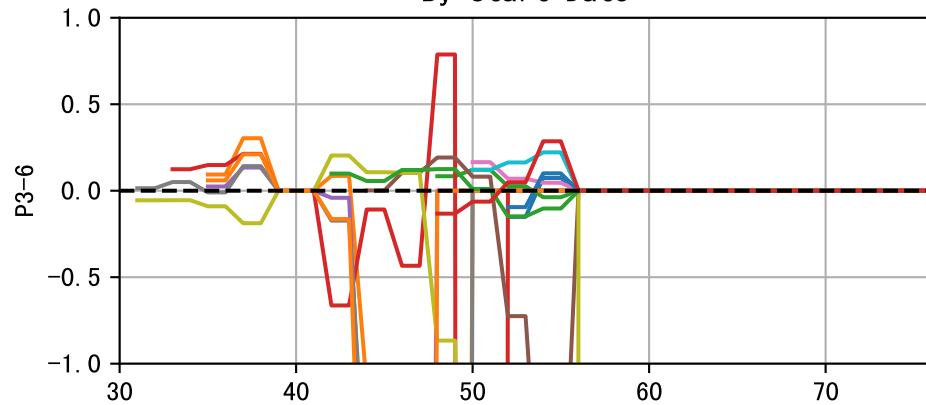


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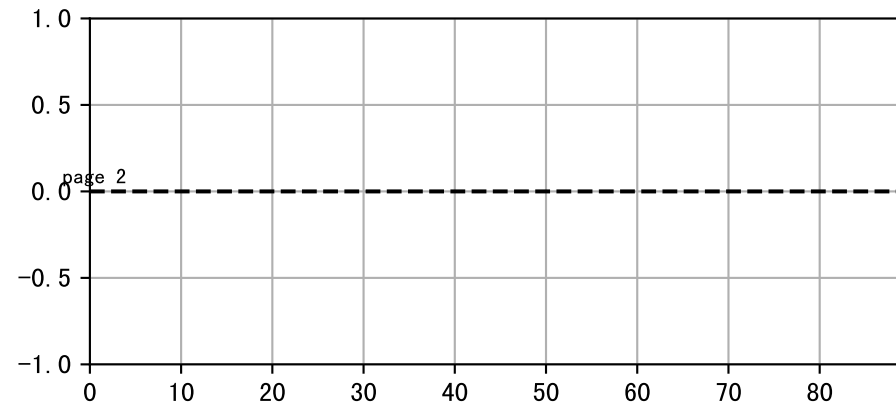
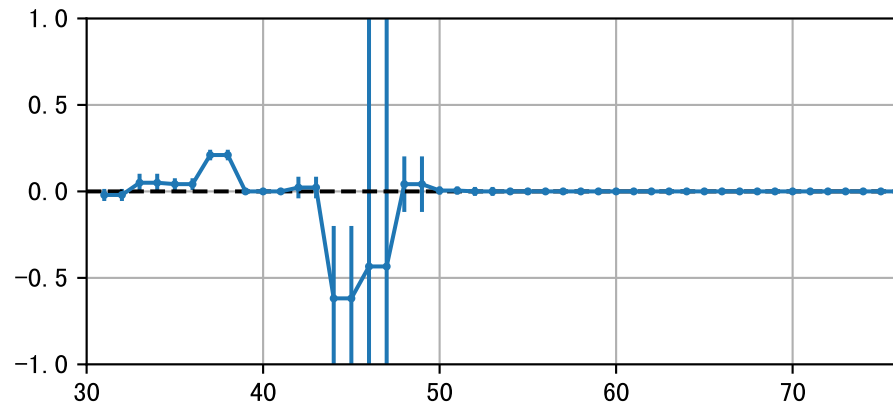
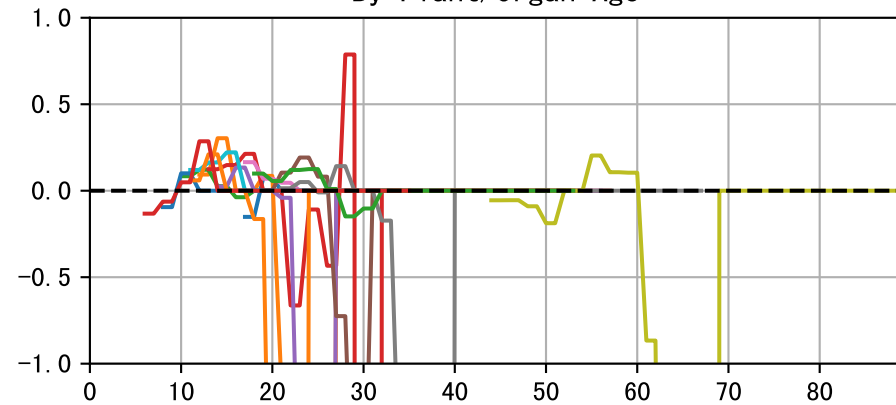


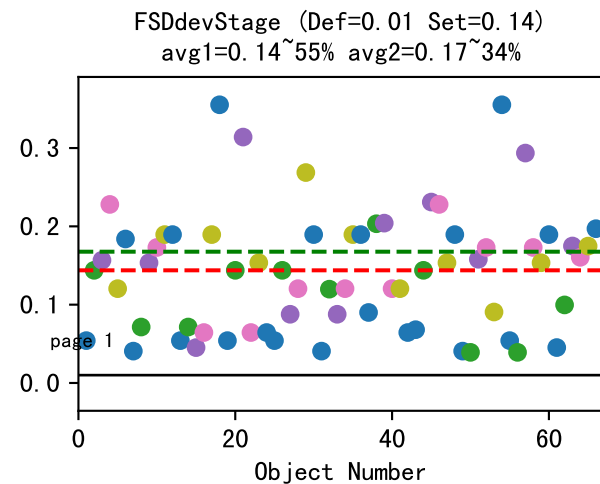
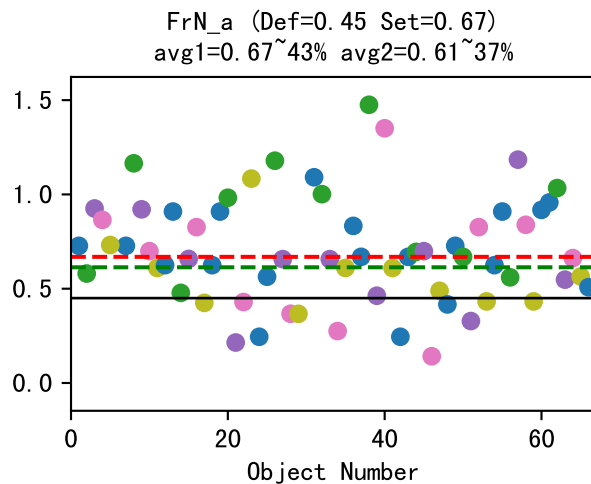
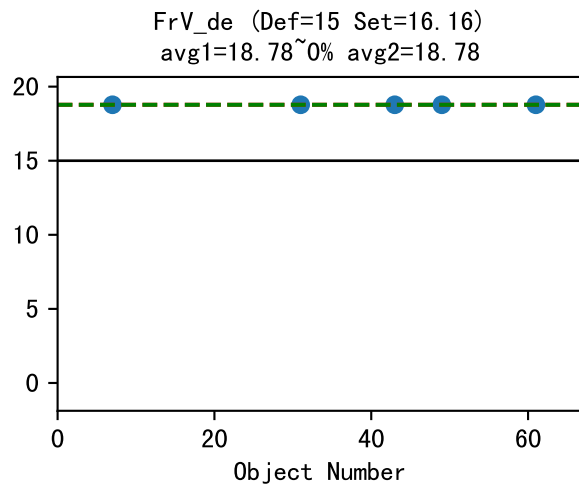
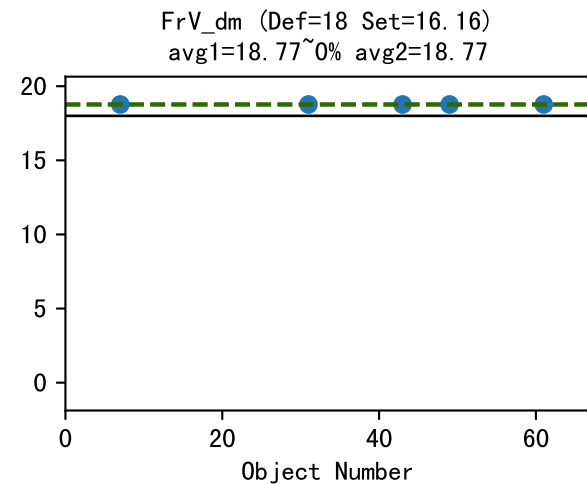
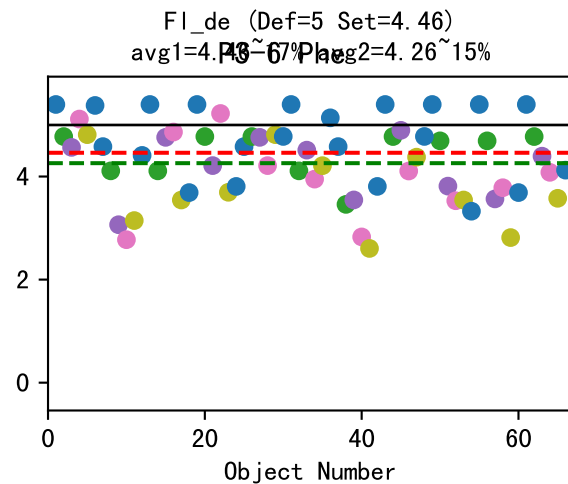
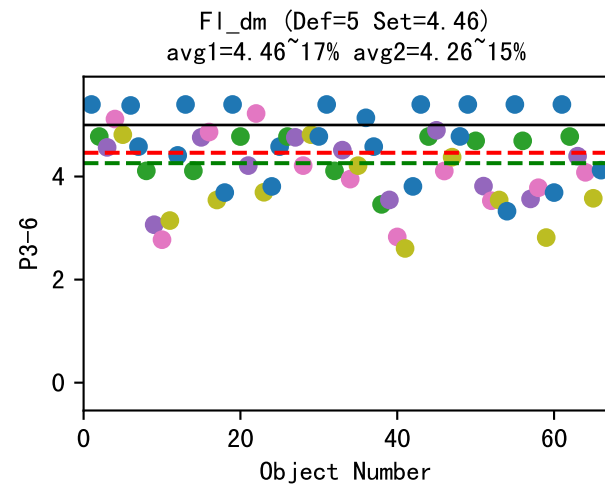


By Start Date

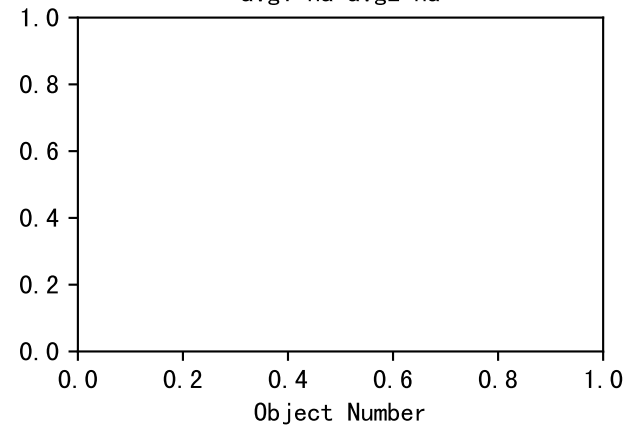


By Plant/Organ Age

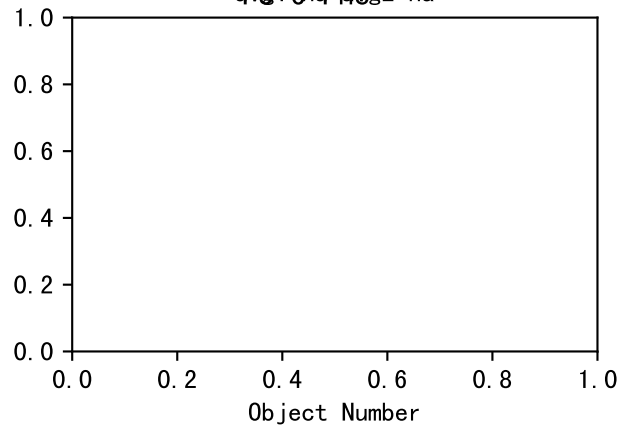




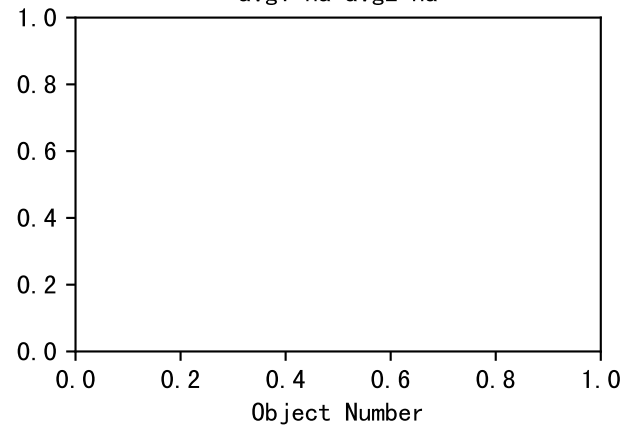
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avg1=na avg2=na



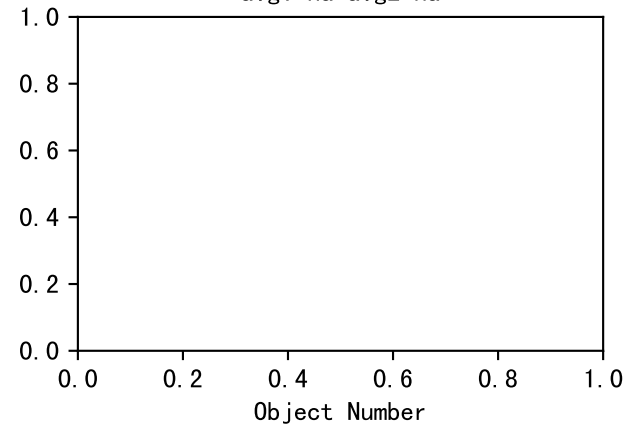
FMBDdevStage (Def=1.3 Set=1.3)
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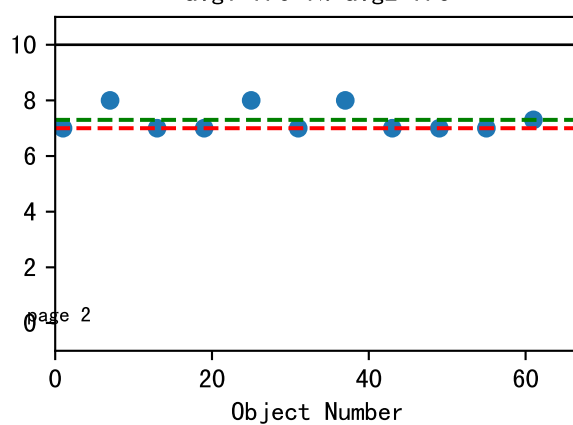
FMEDdevStage (Def=1.8 Set=1.8)
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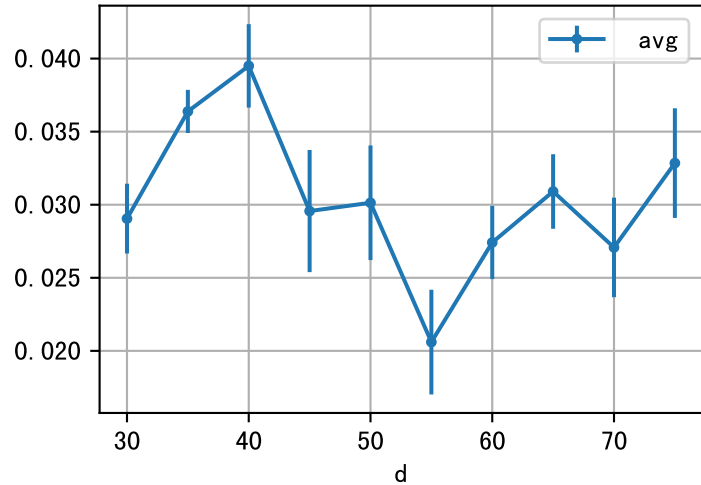
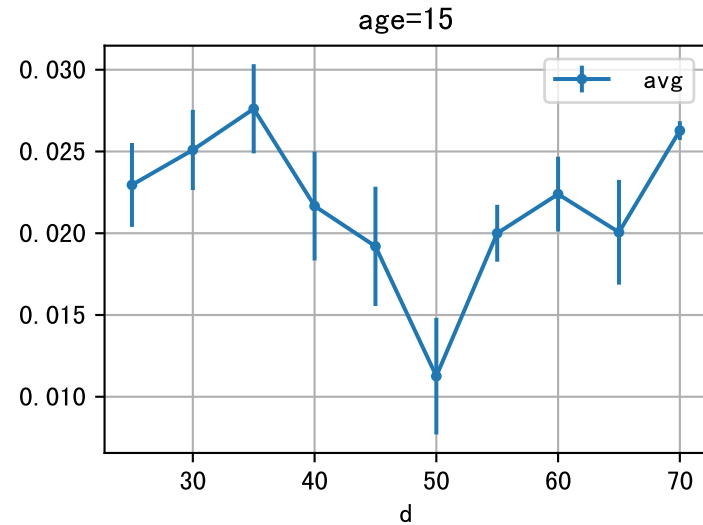
FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na



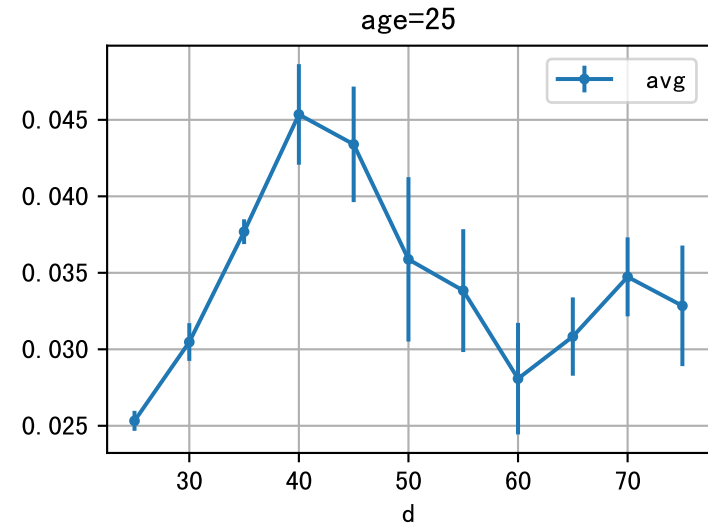
NNgen (Def=10 Set=7)
avg1=7.0~7% avg2=7.3

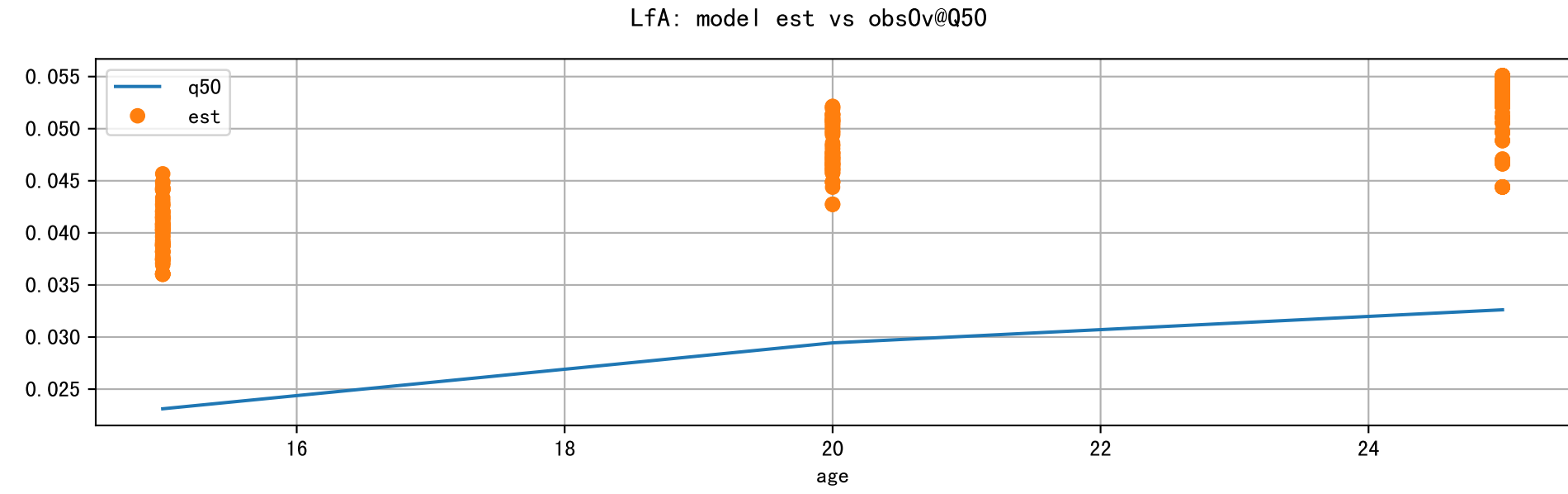


LfA: avg vs. d at each age group



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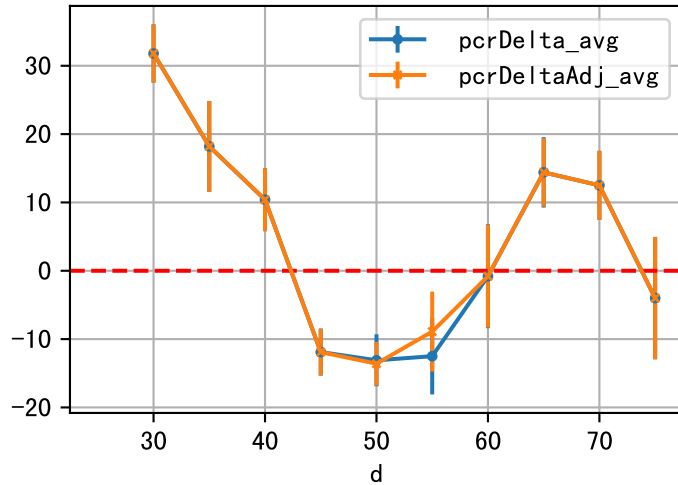
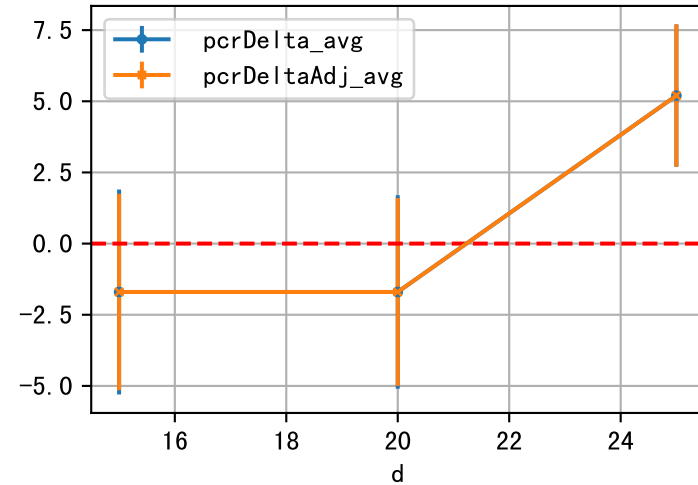


P3-6 LfA: D_5d_LfA

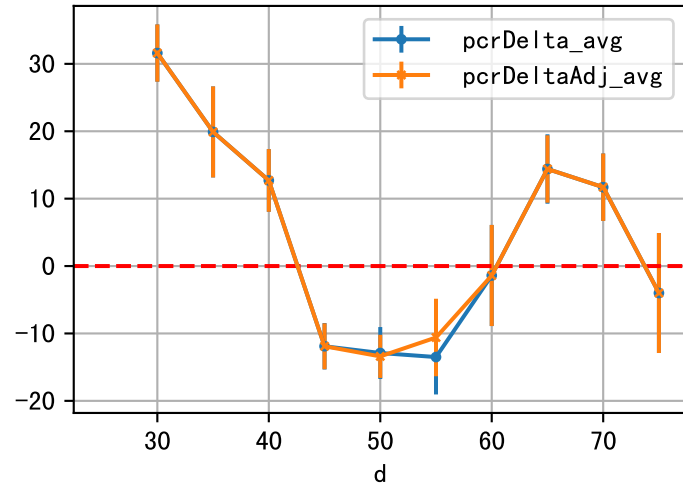
DeltaTypeAbbr=GrpByAge

DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=Wei AvgByD

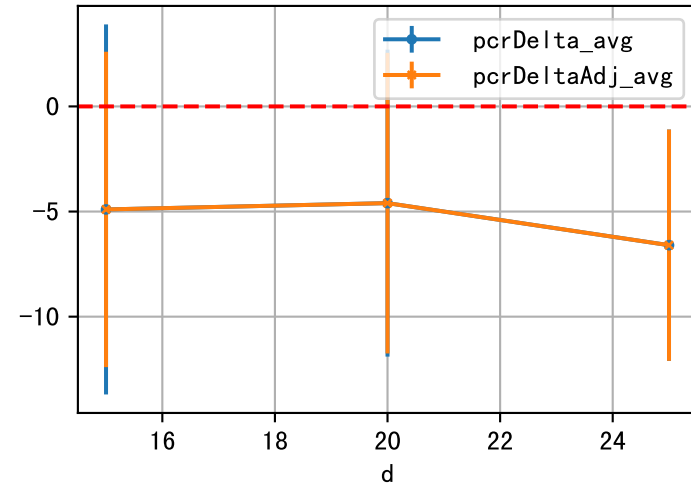


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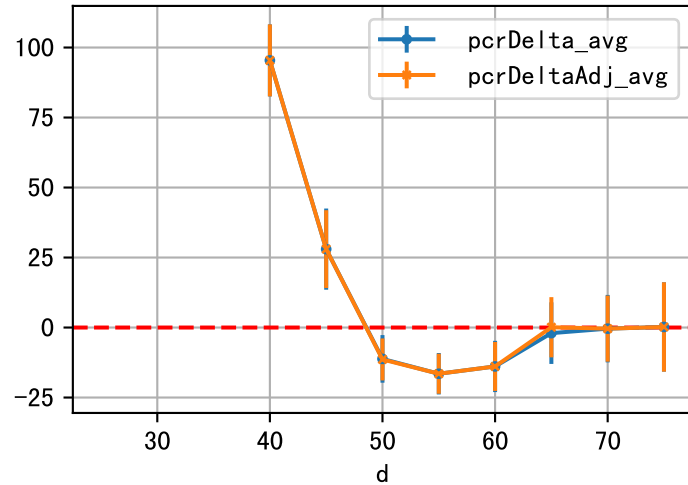


P3-6 LfA: D_15d_LfA

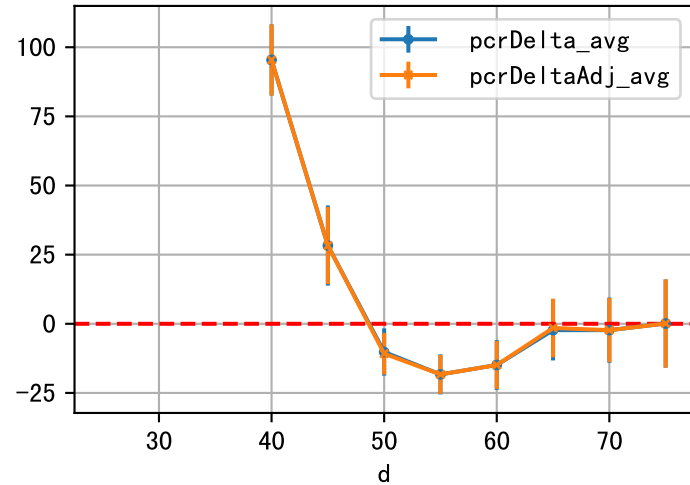
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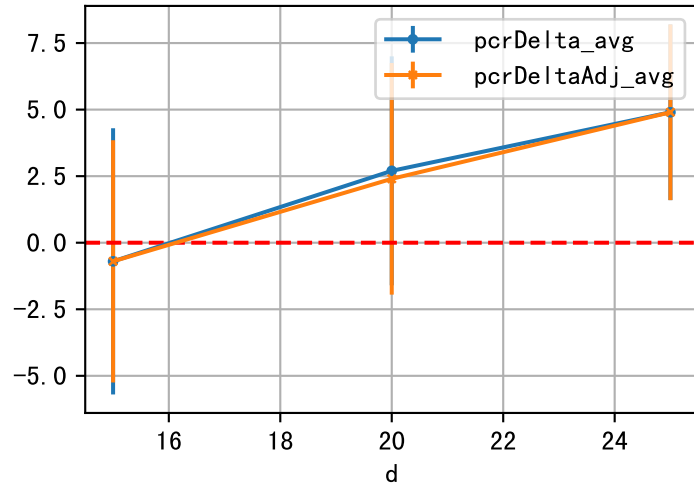
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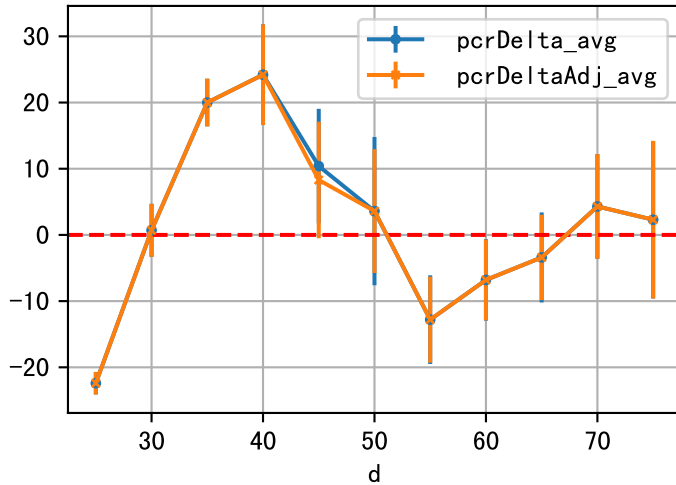
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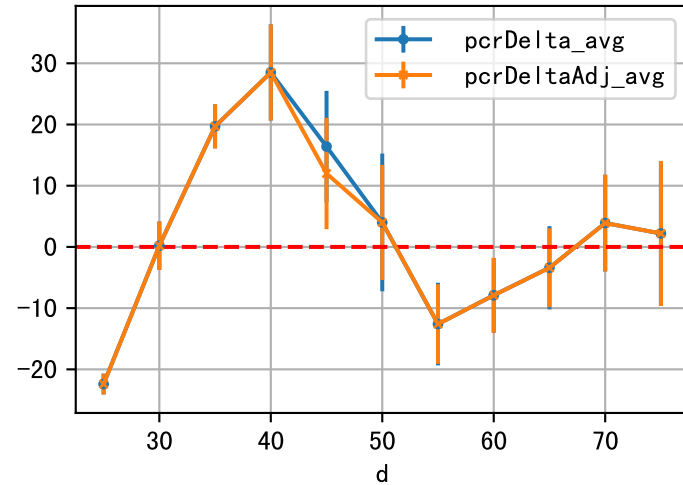
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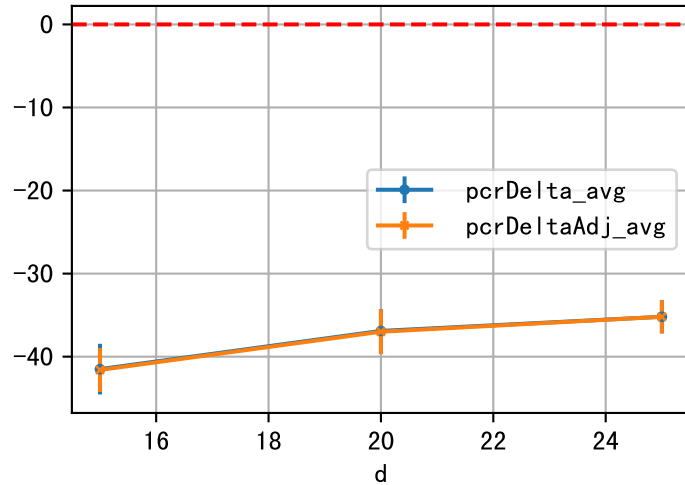
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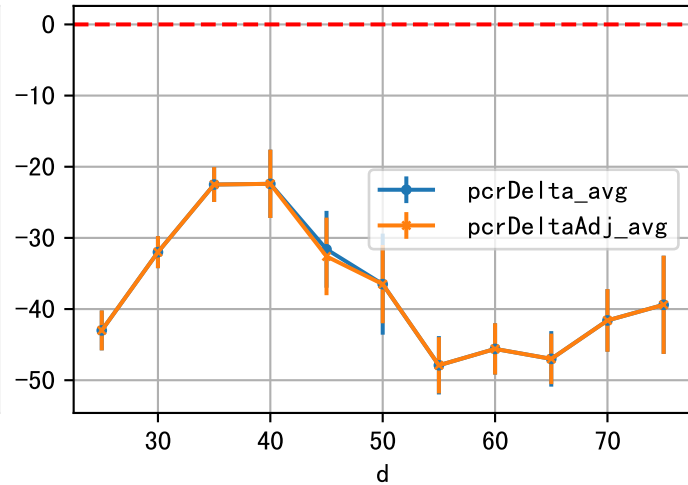
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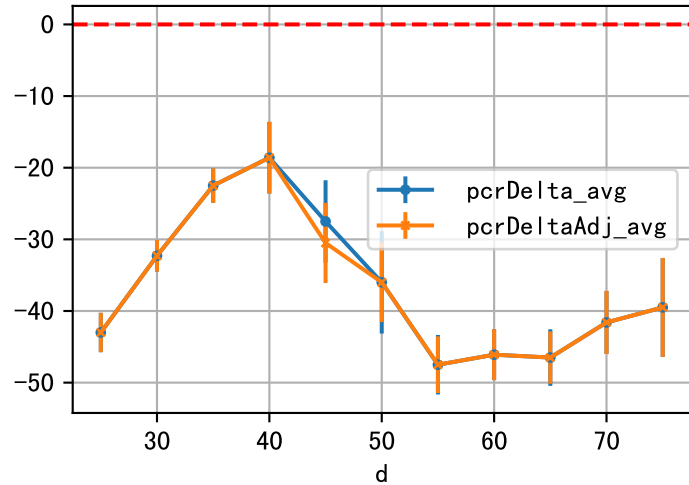
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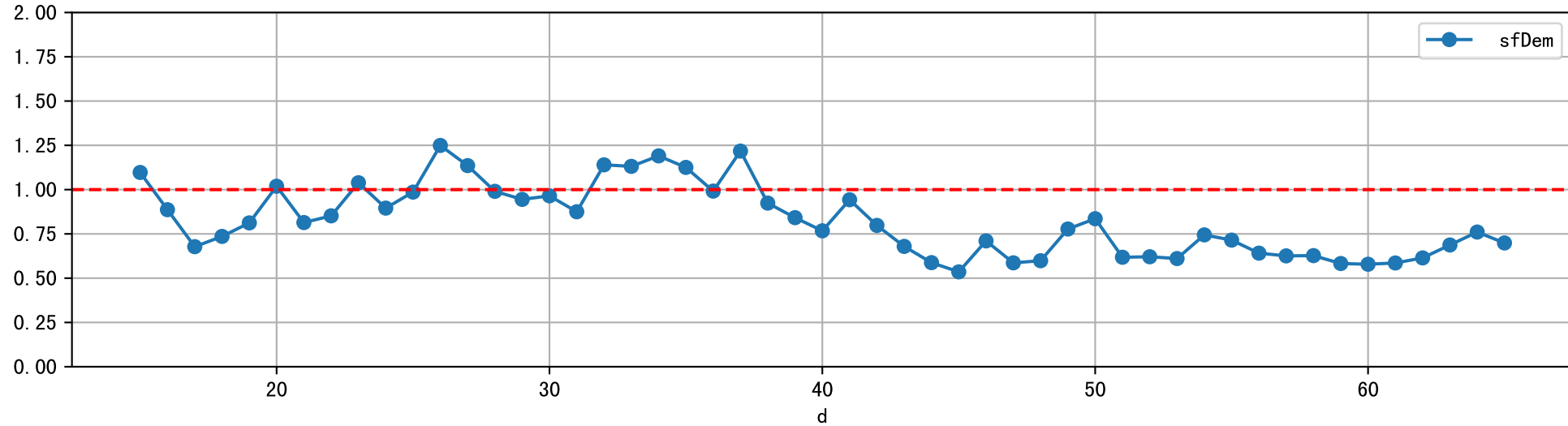
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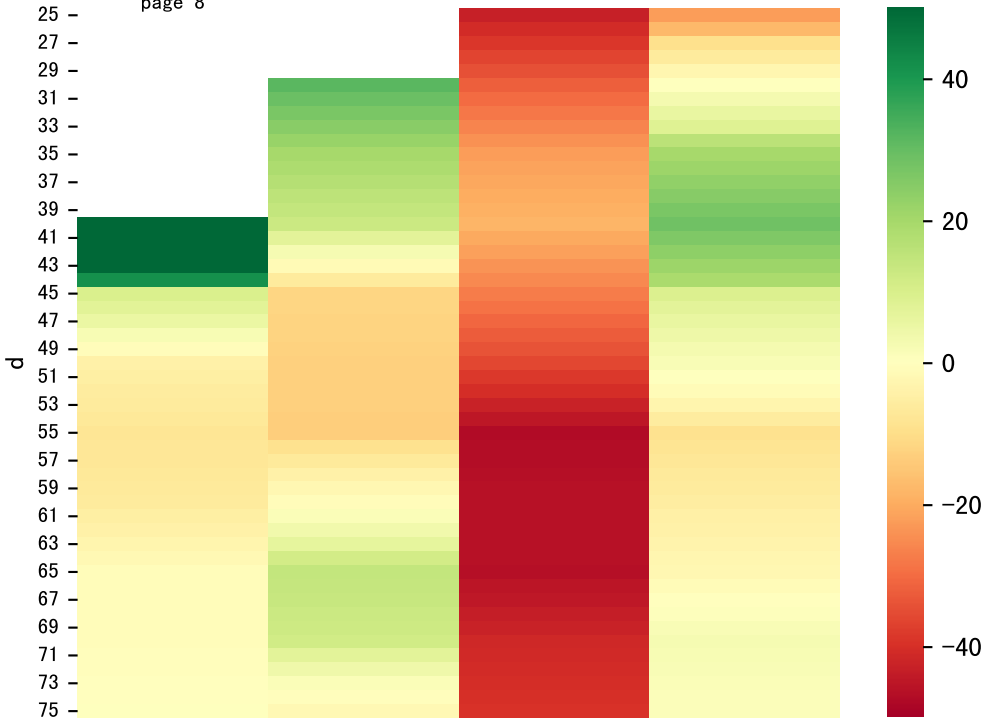


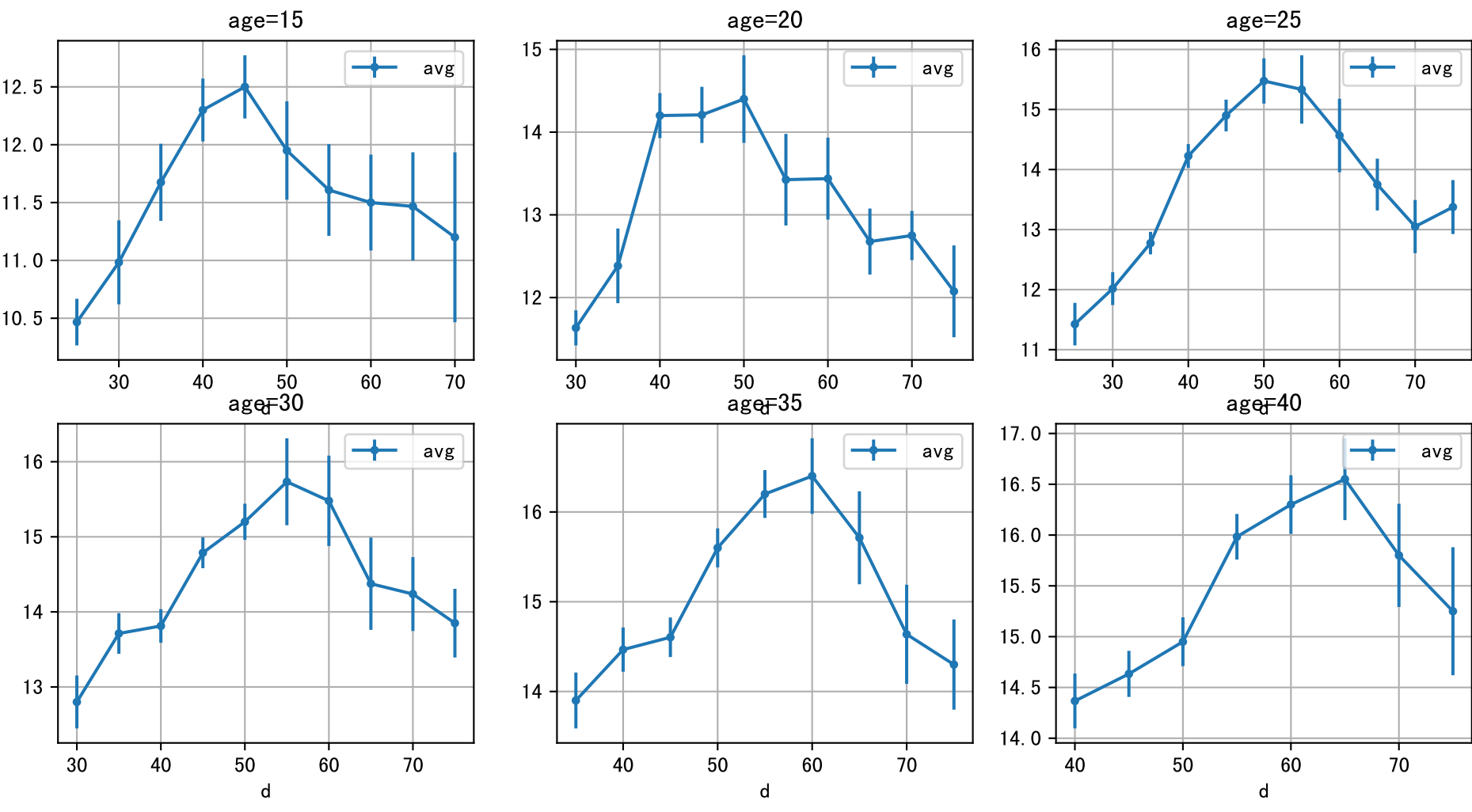
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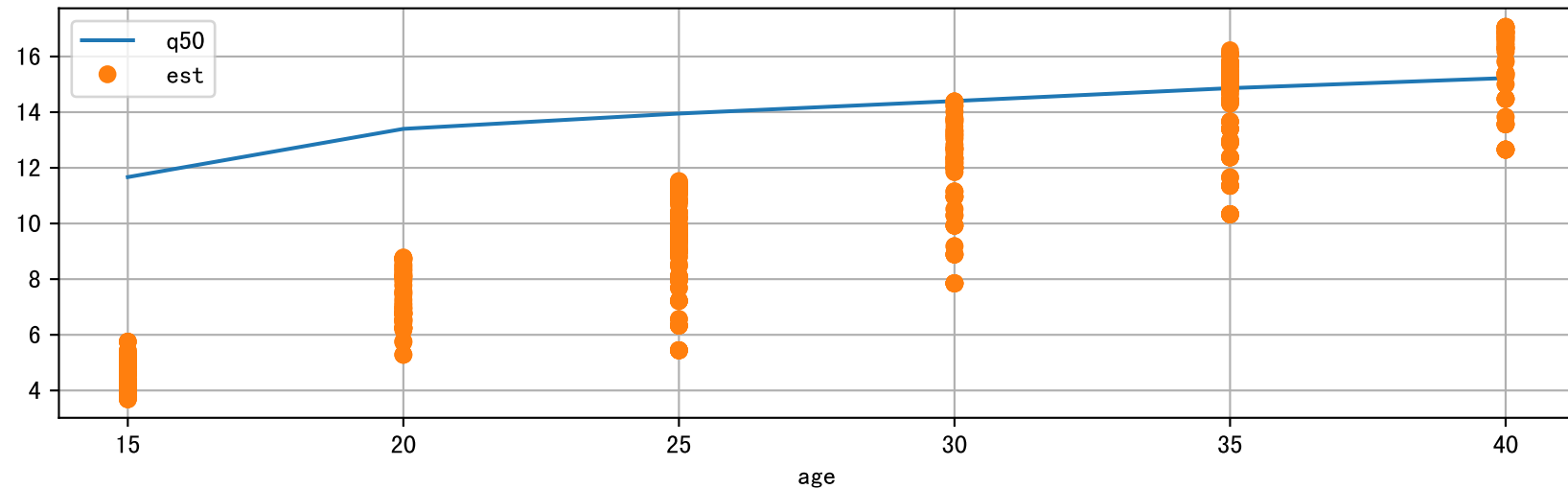
LfA: sfDem



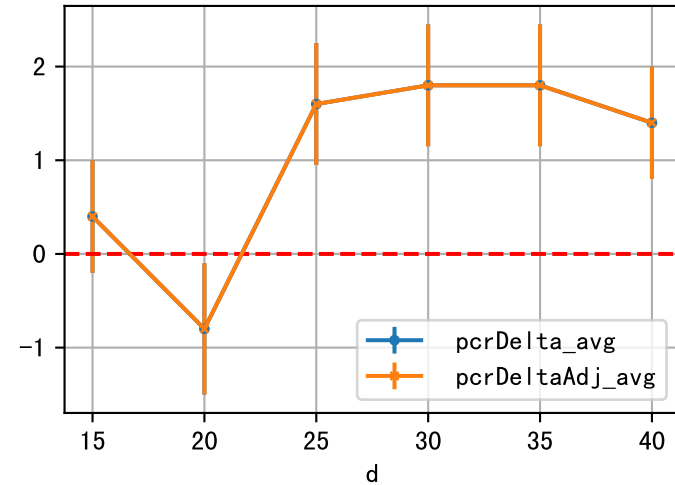




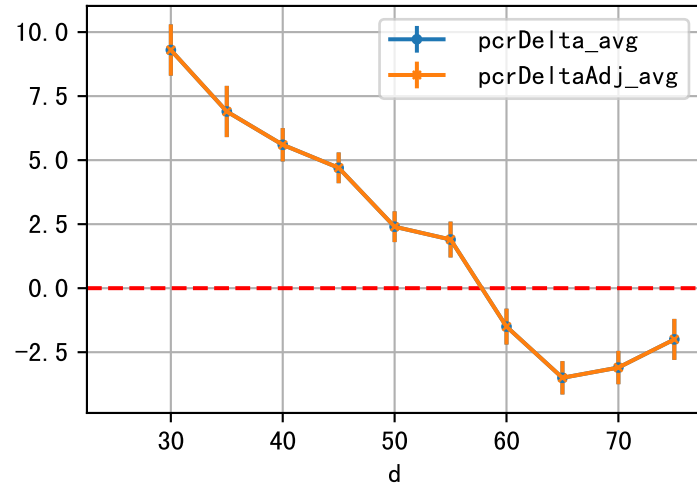
NdD: model est vs obs0v@Q50



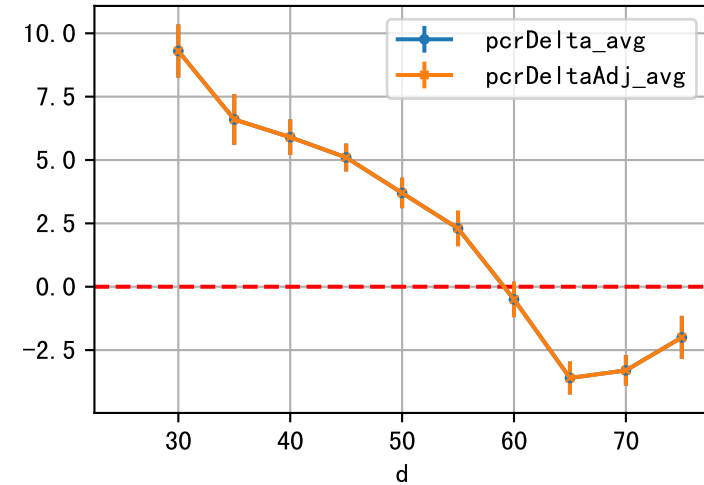
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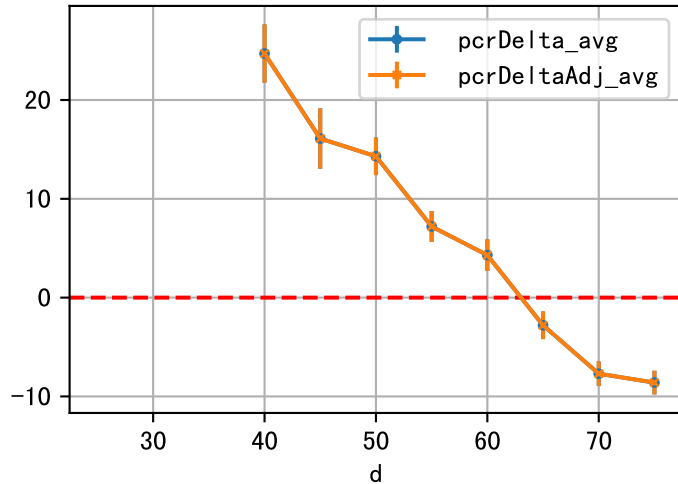
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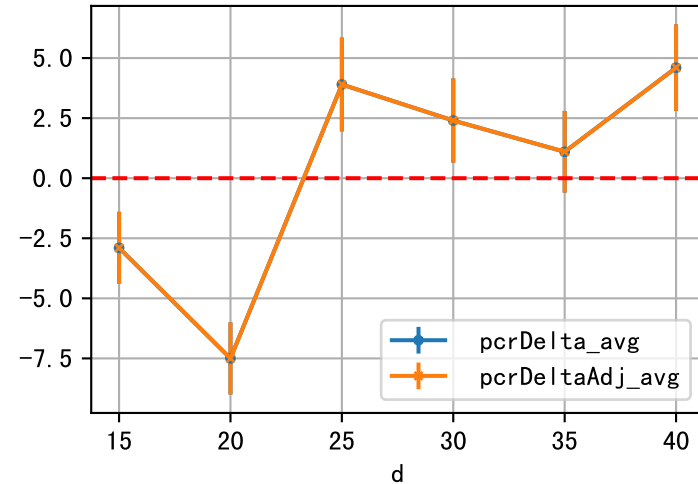
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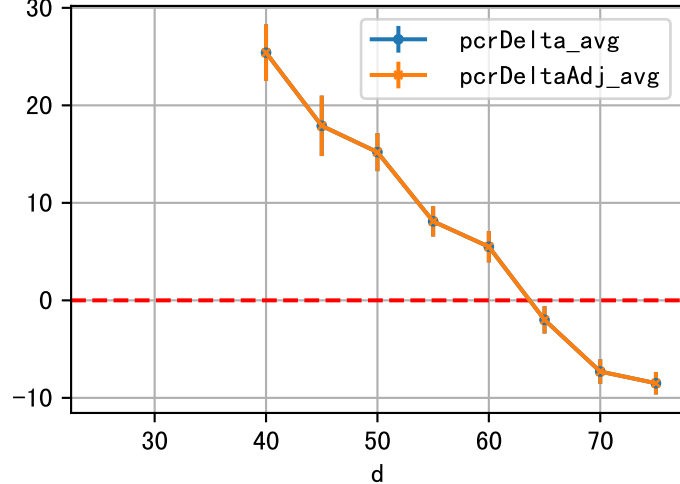
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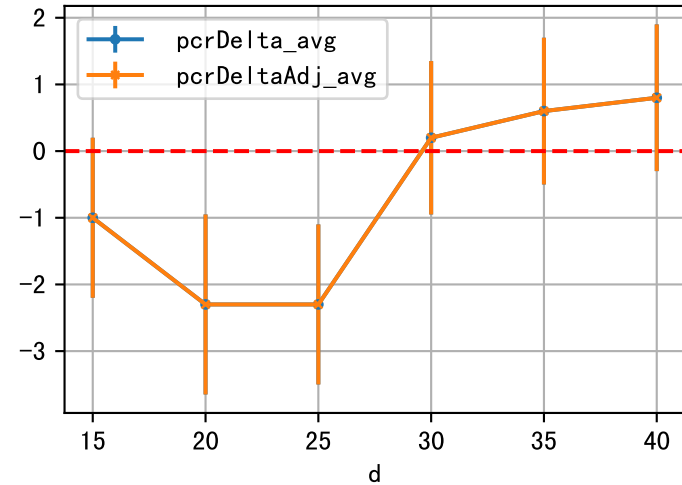
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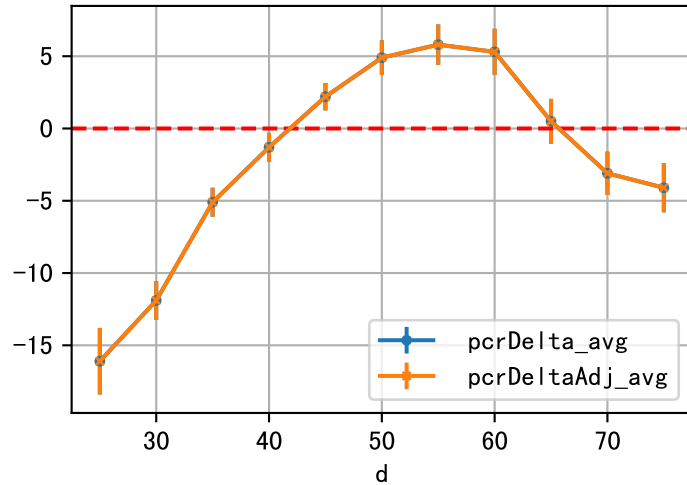
DeltaTypeAbbr=Wei AvgByD



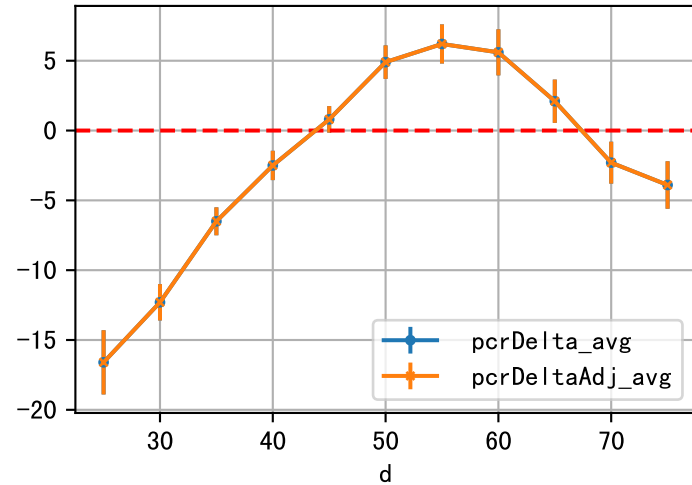
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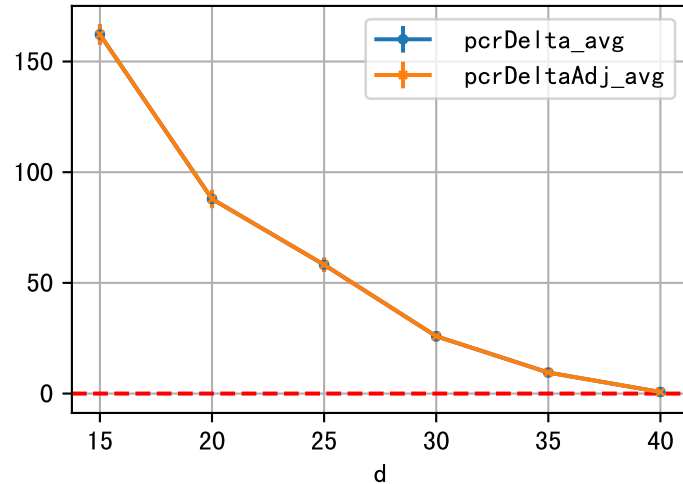
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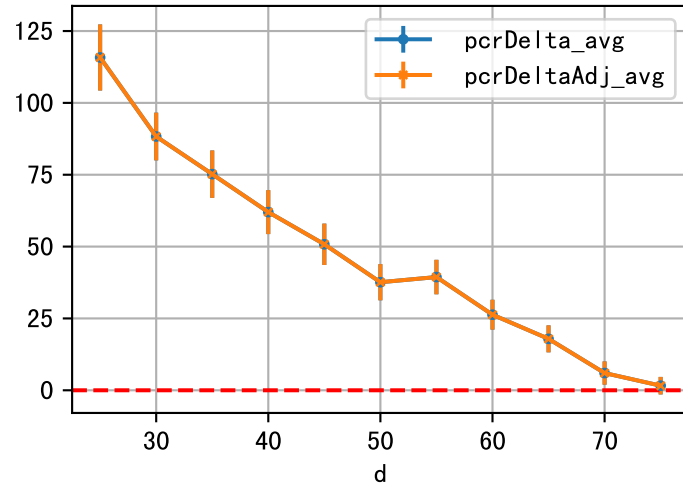
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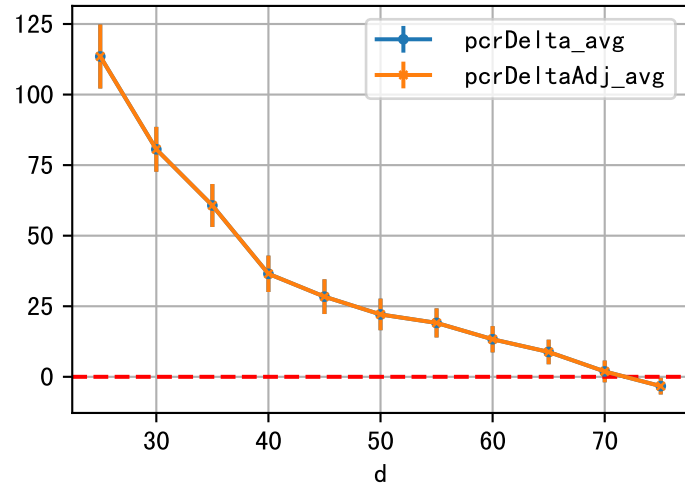
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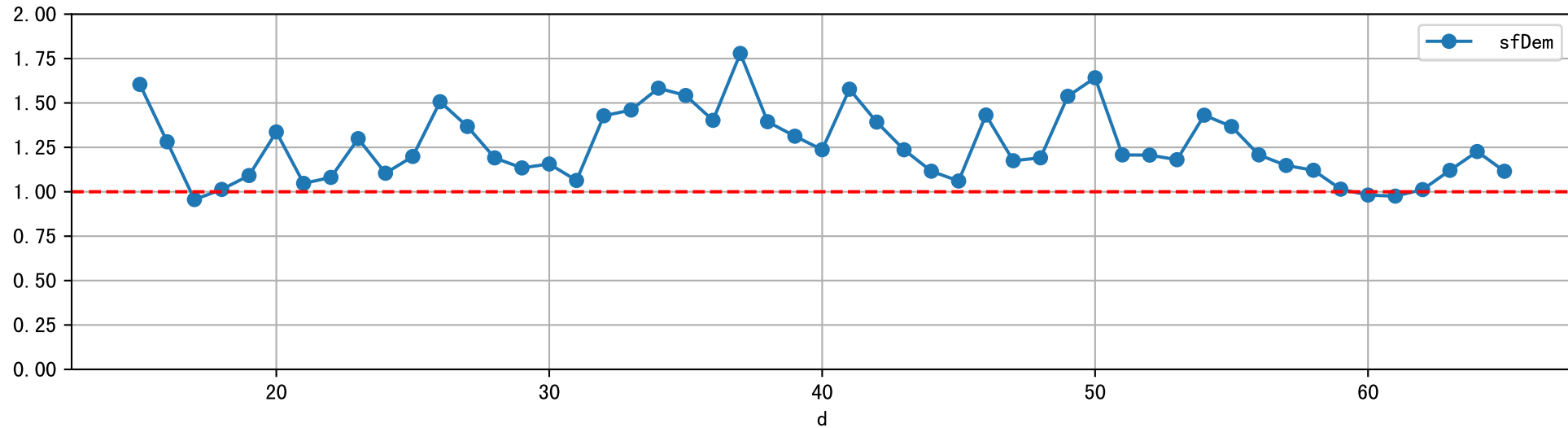
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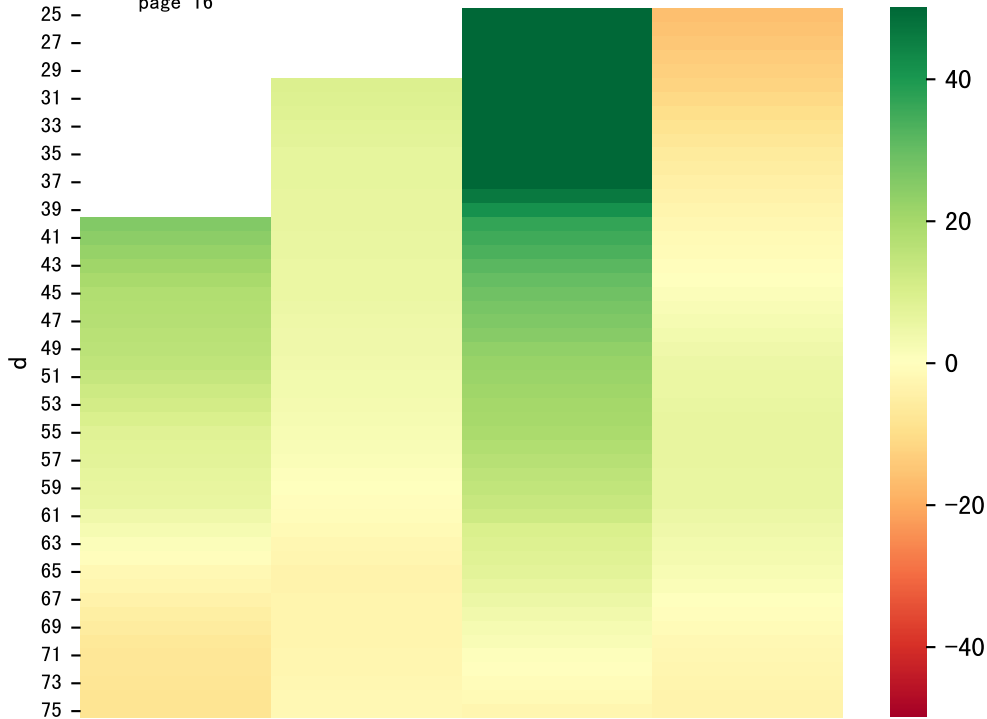


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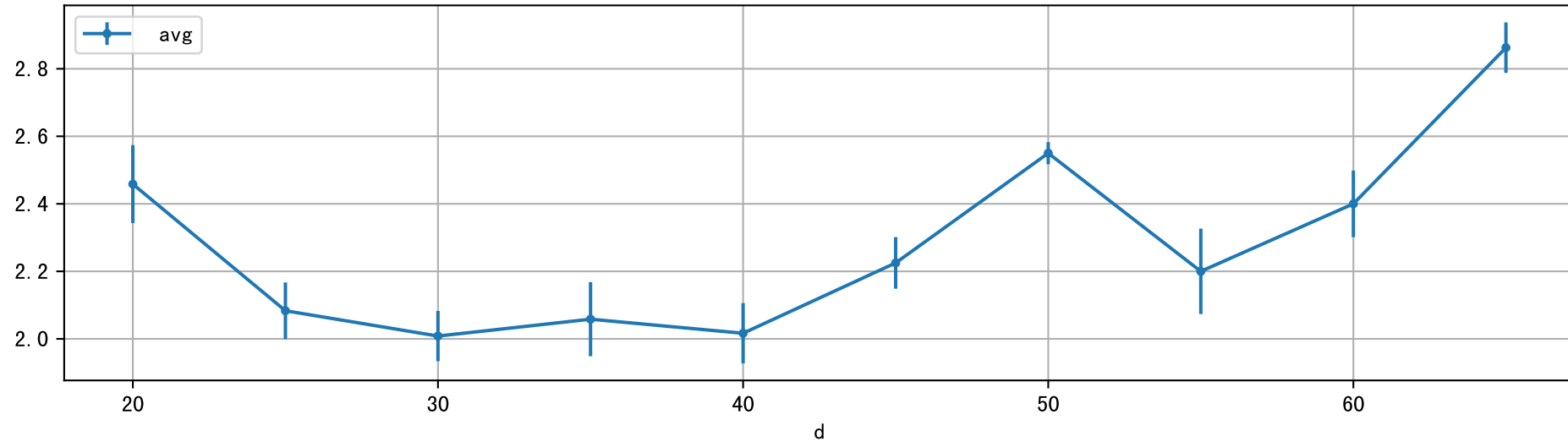


NdD: sfDem

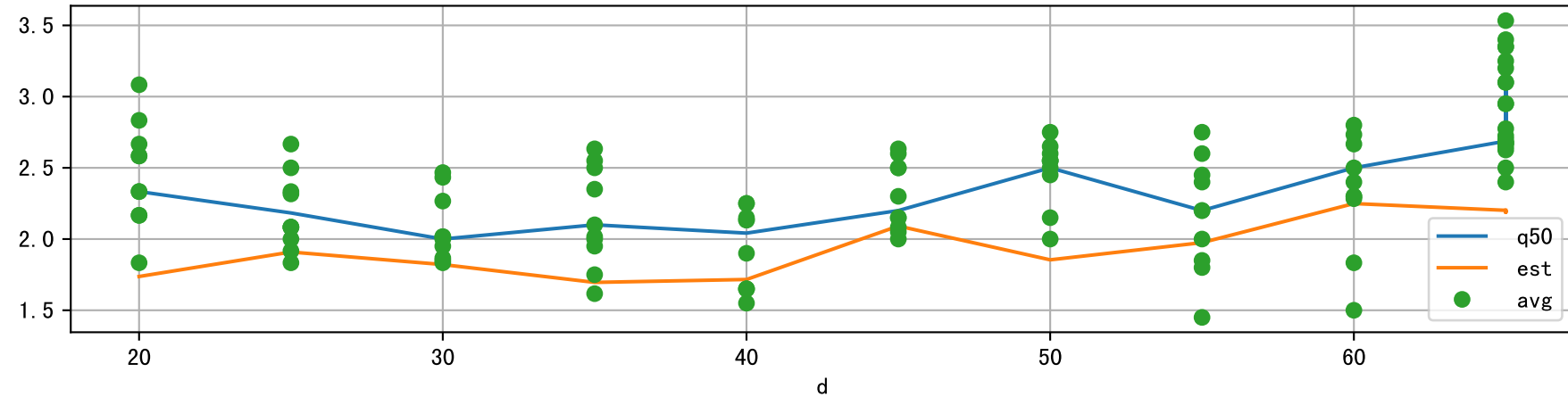




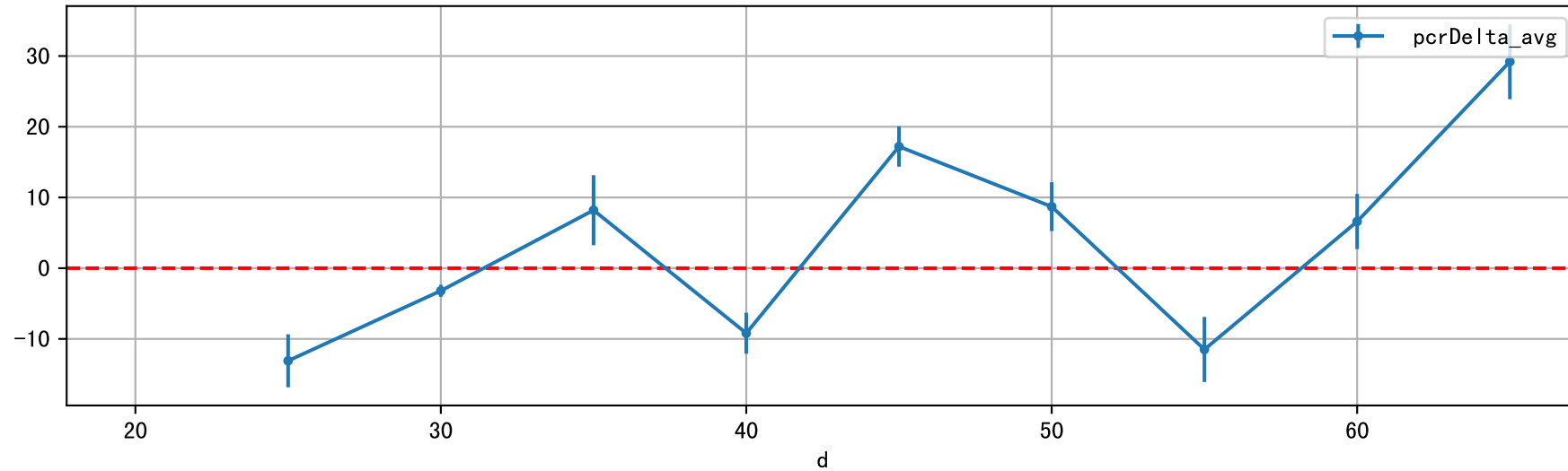
dStH: avg vs. d



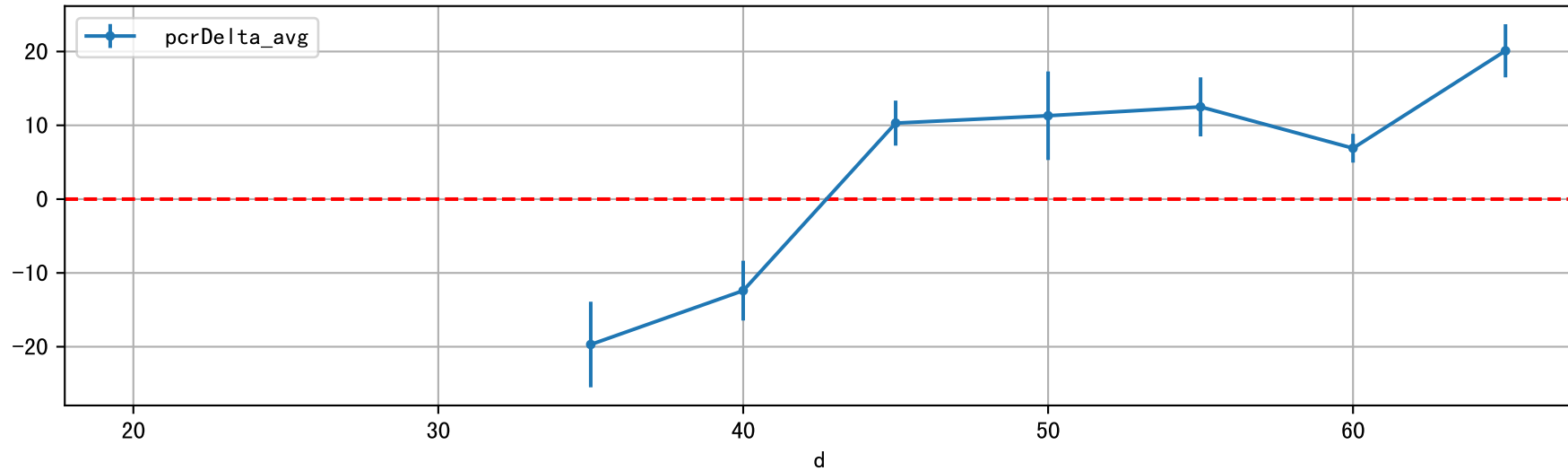
dStH: obsAvg vs obs0v@Q50



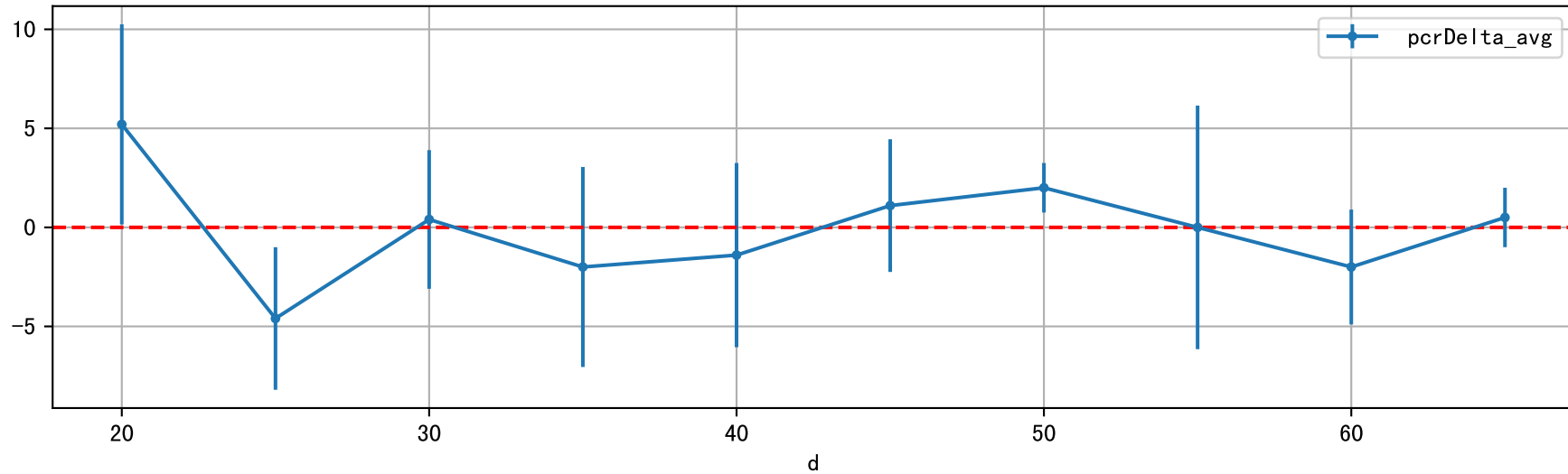
dStH: D_5d_StH



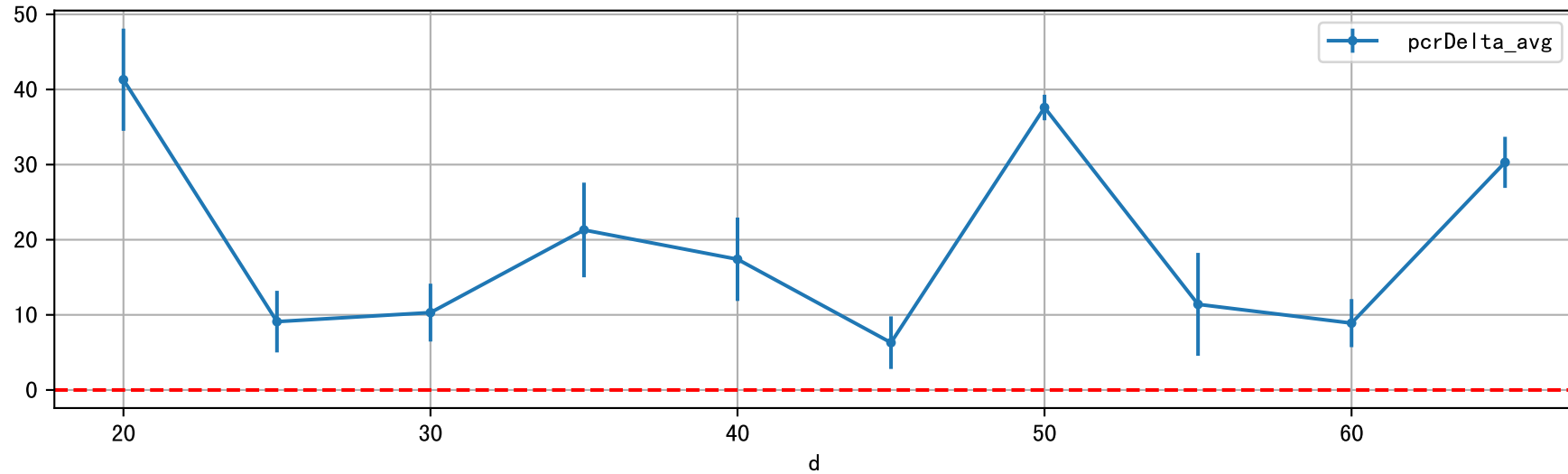
dStH: D_15d_StH



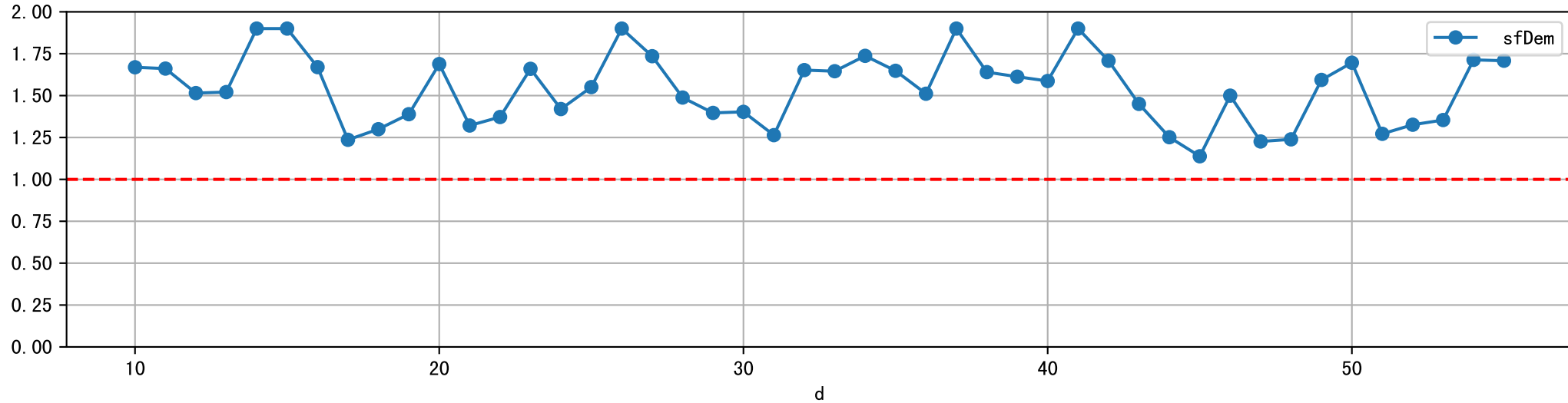
dStH: D_Q50_StH

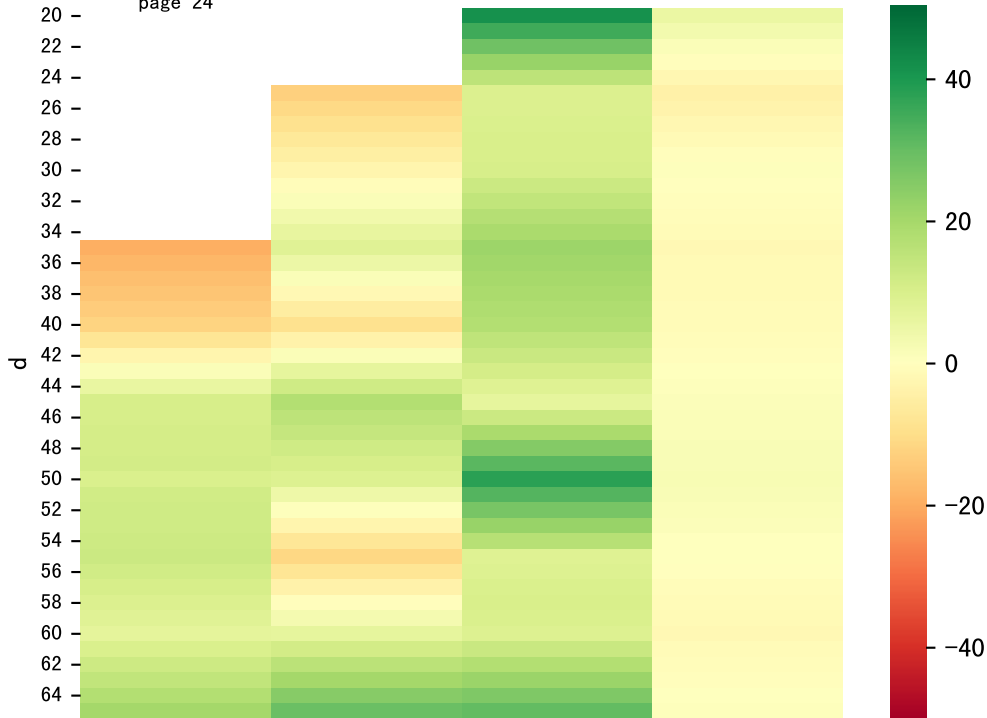


dStH: D_Est_StH

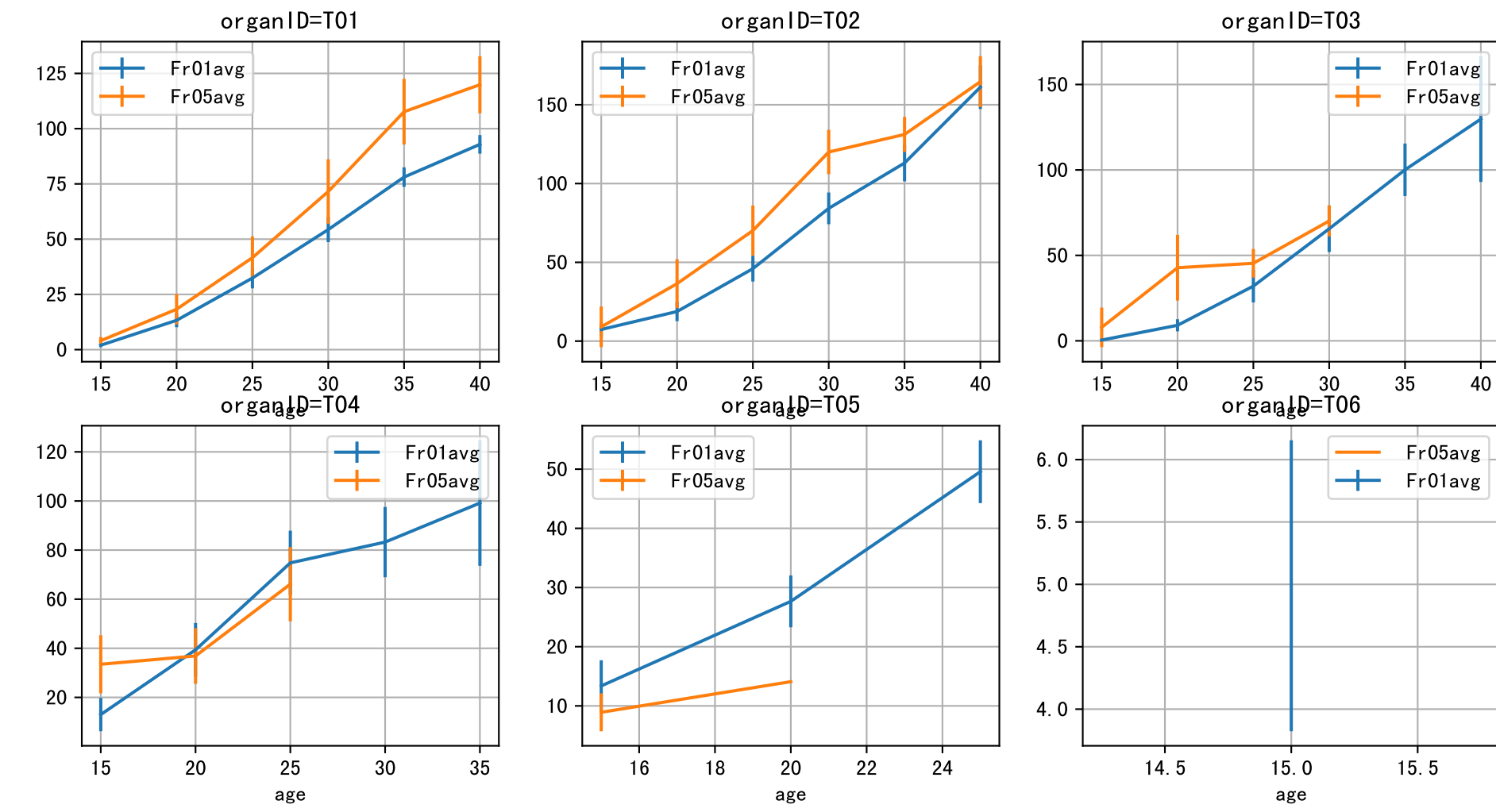


dStH: sfDem



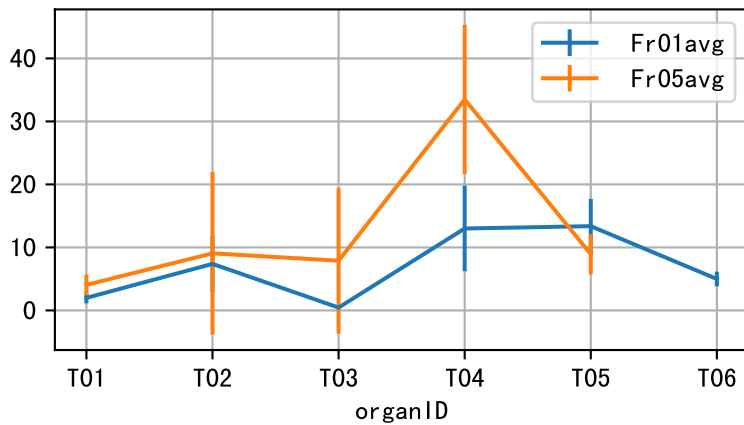


FrV: Fr01 vs Fr05 at each truss

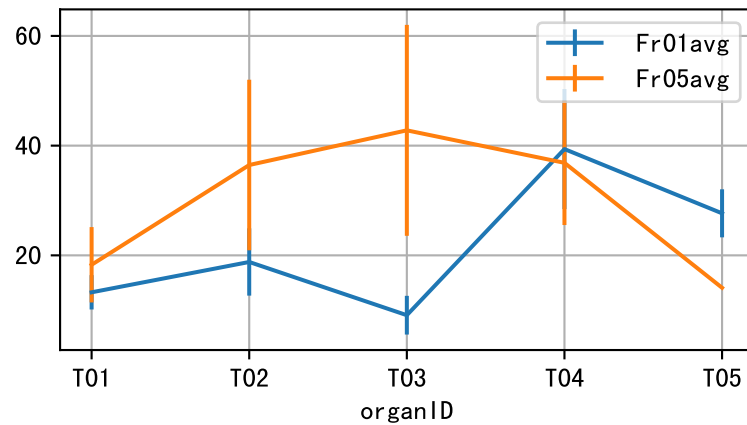


FrV trend at each age

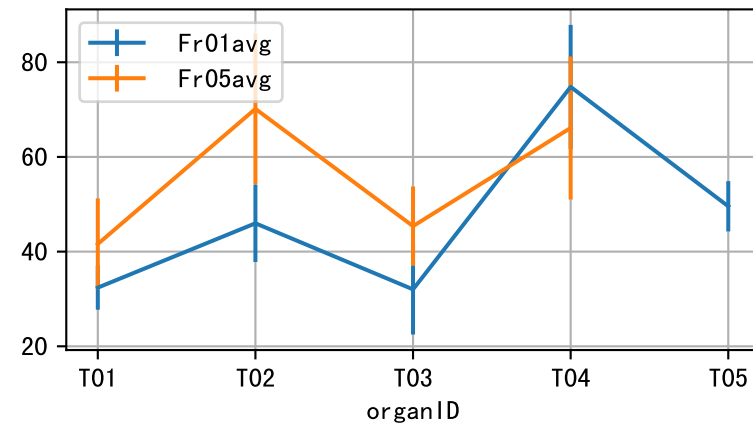
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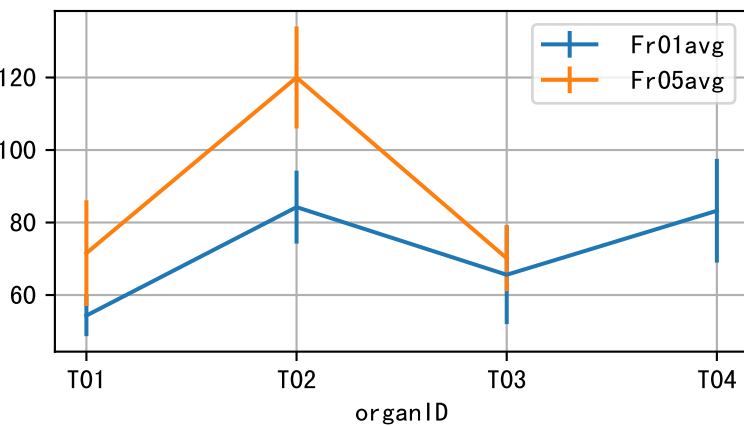
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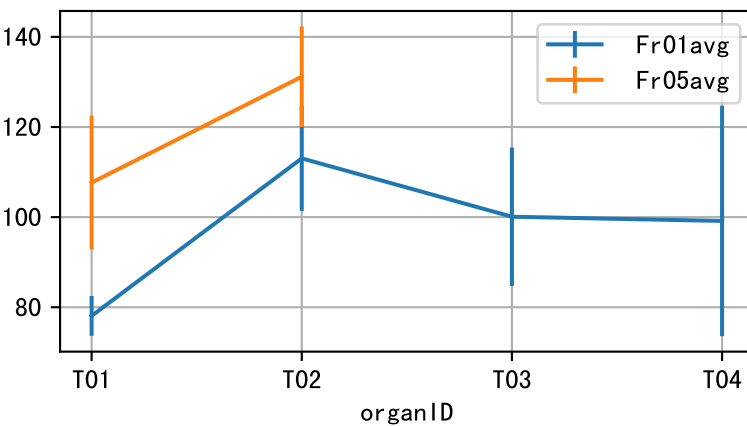
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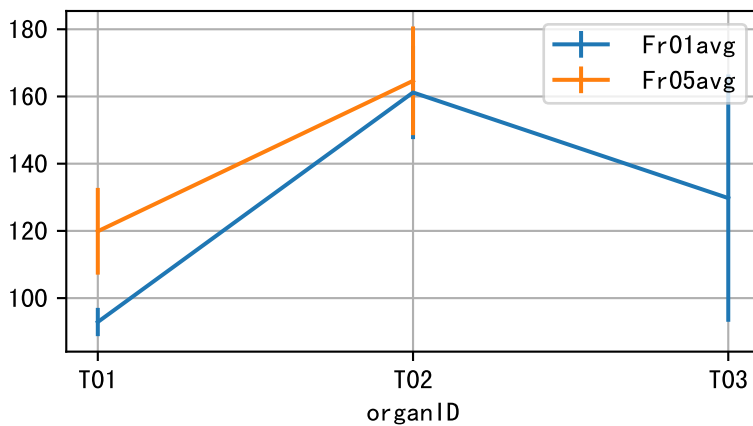
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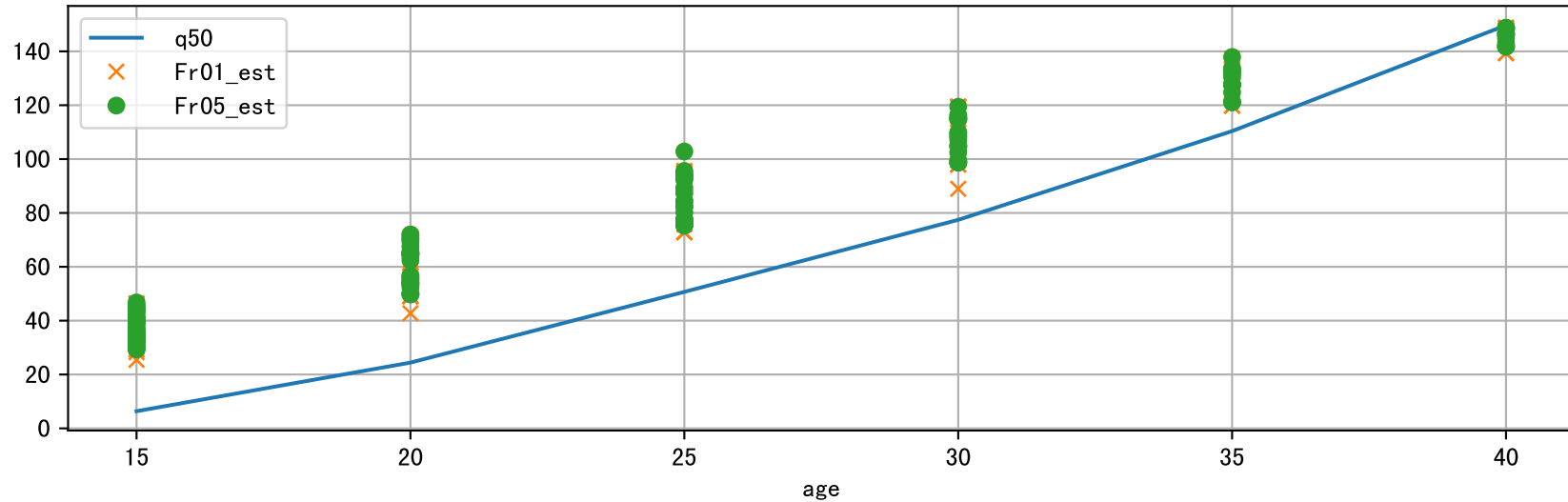
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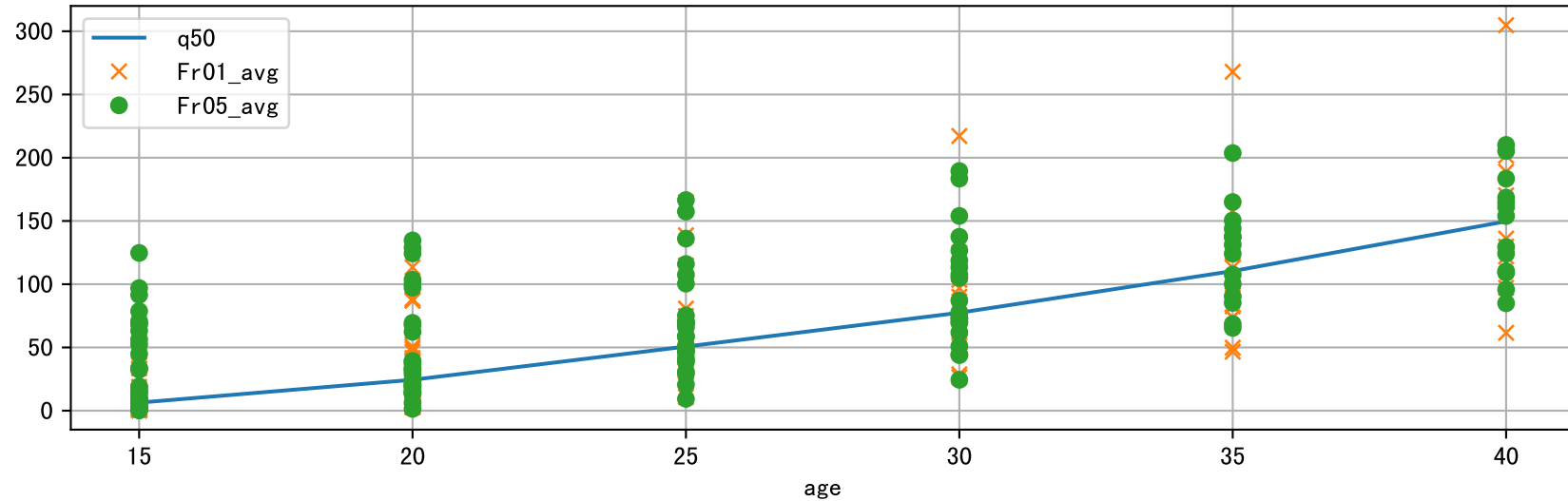
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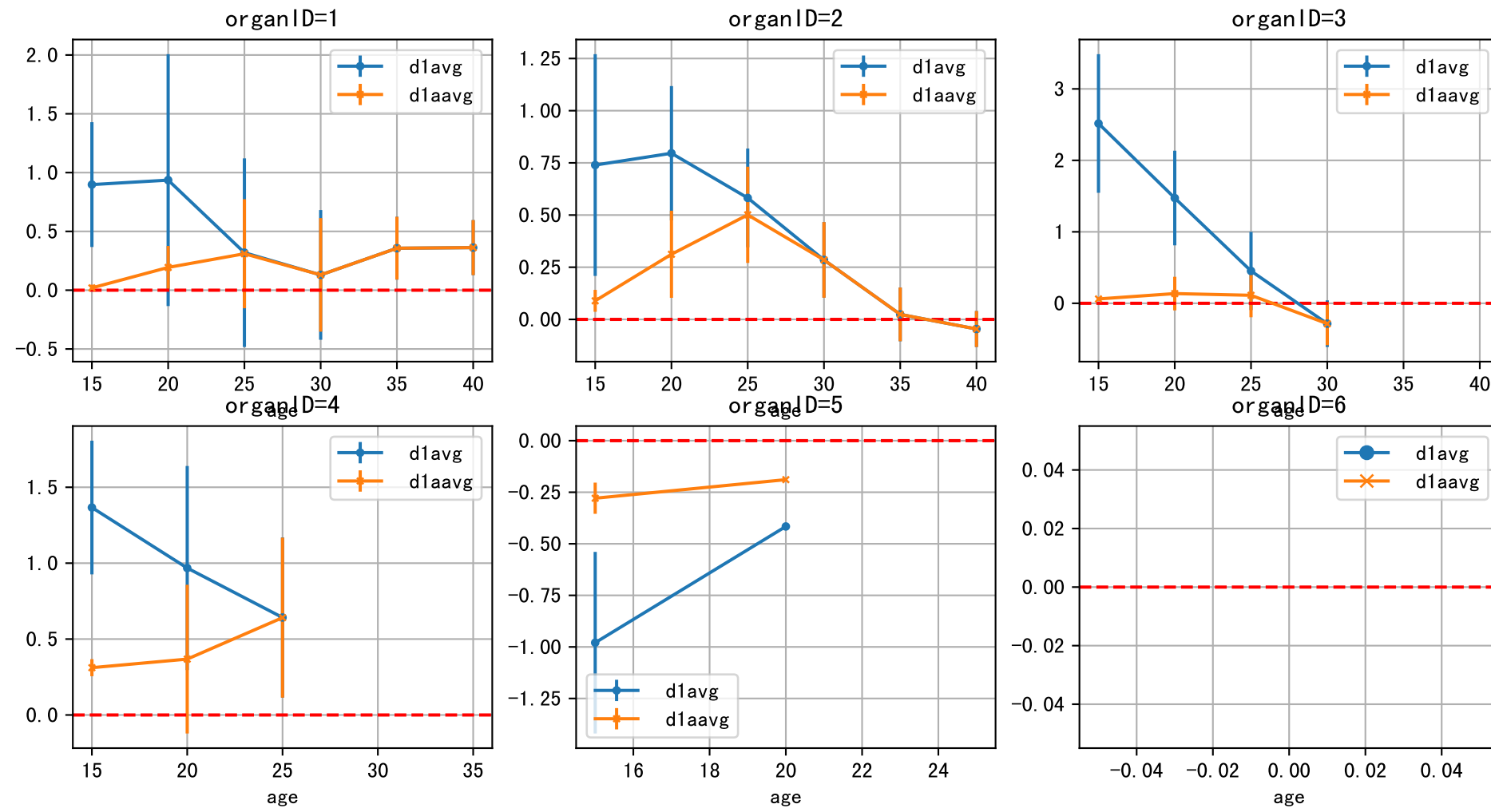


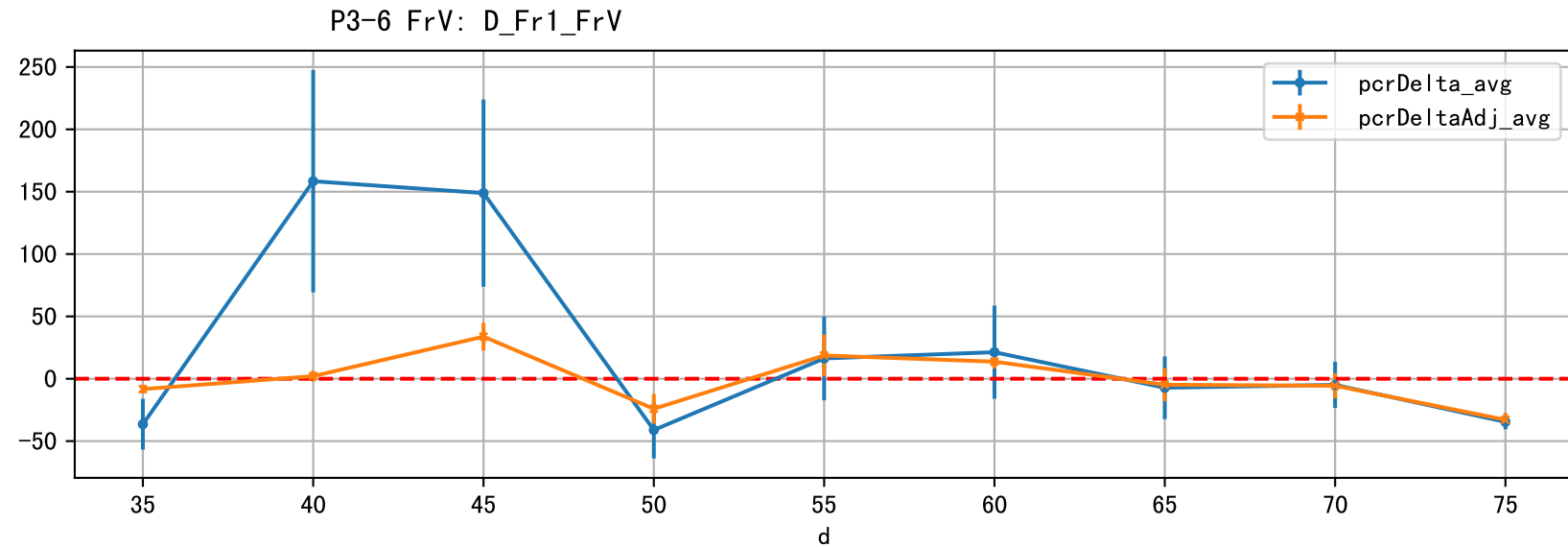
FrV: model Est vs obsFrV at Q90

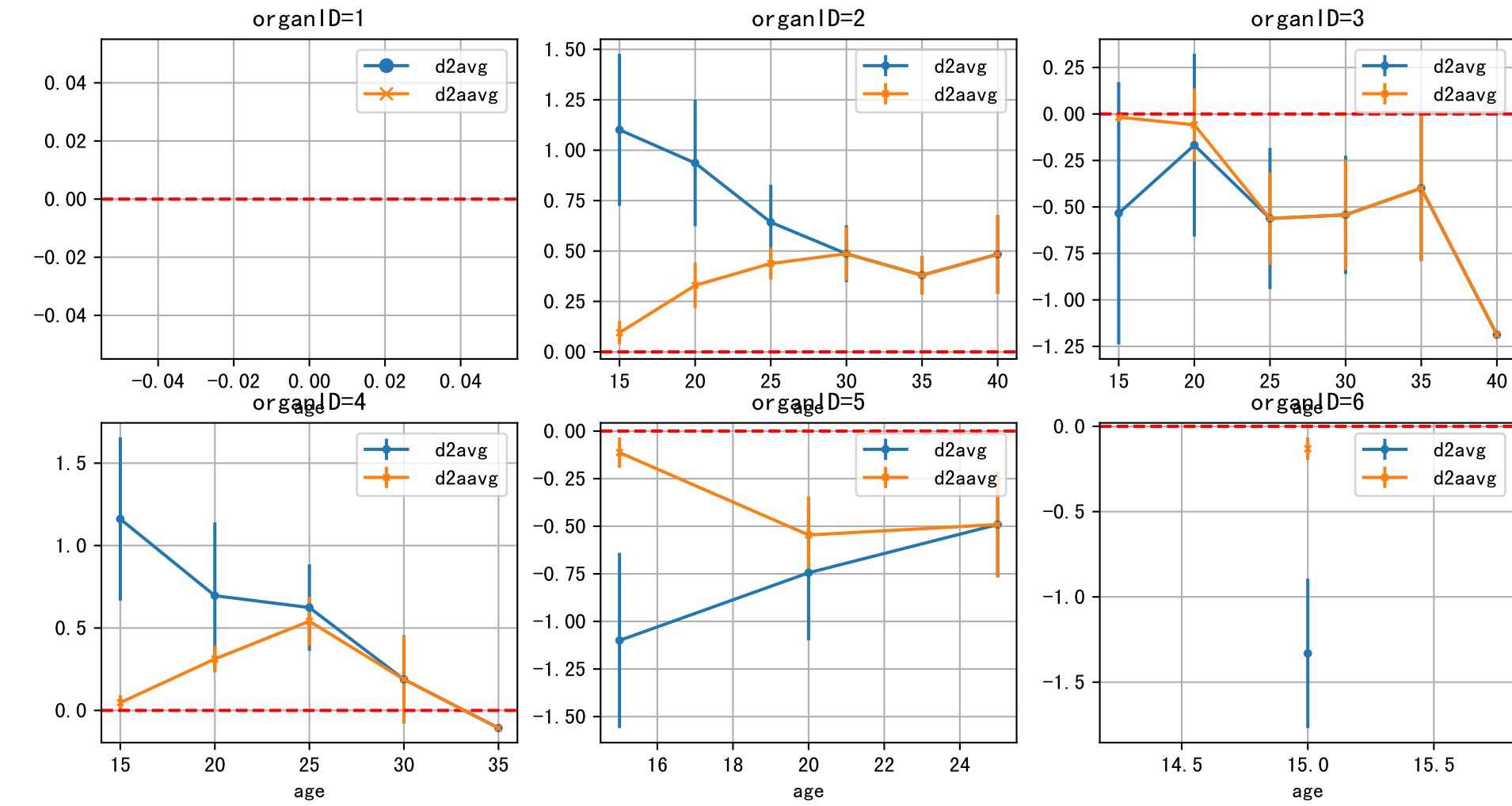


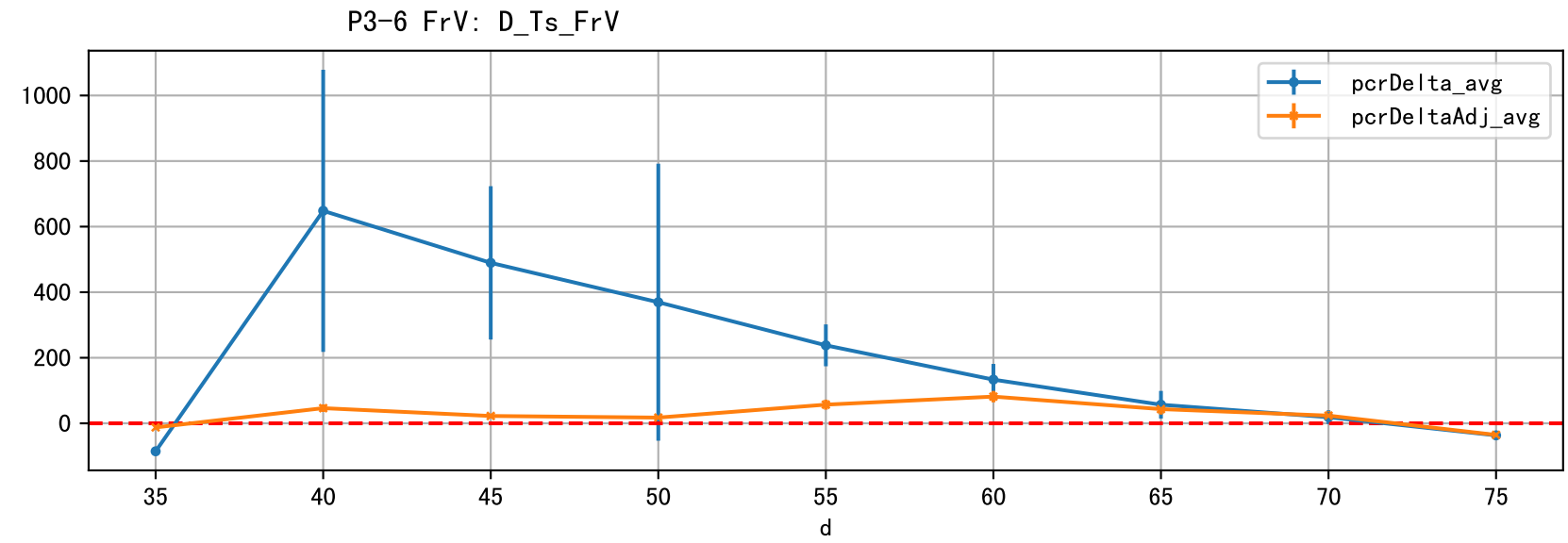
FrV: obsFrV vs obsFrV@Q90



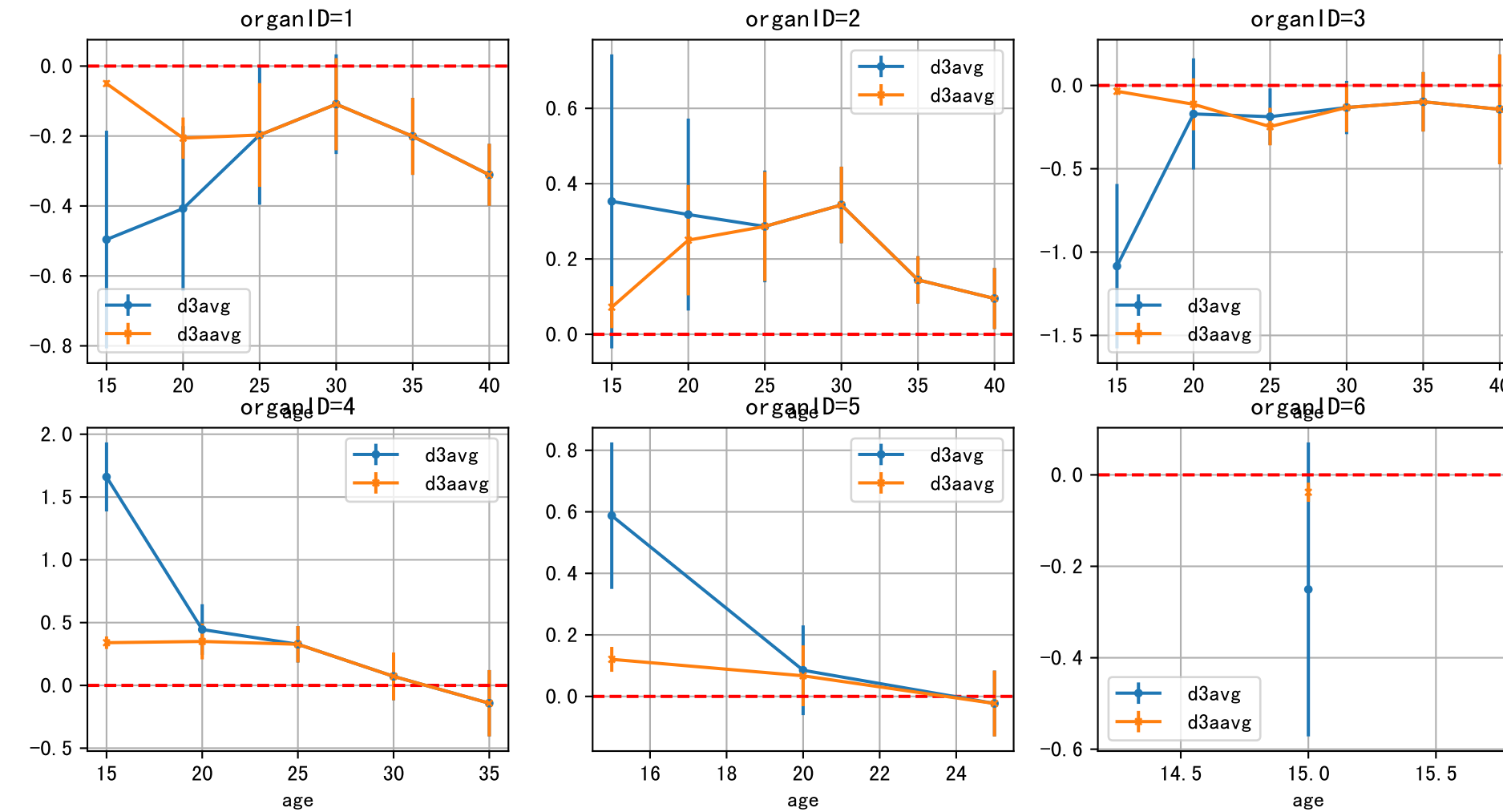




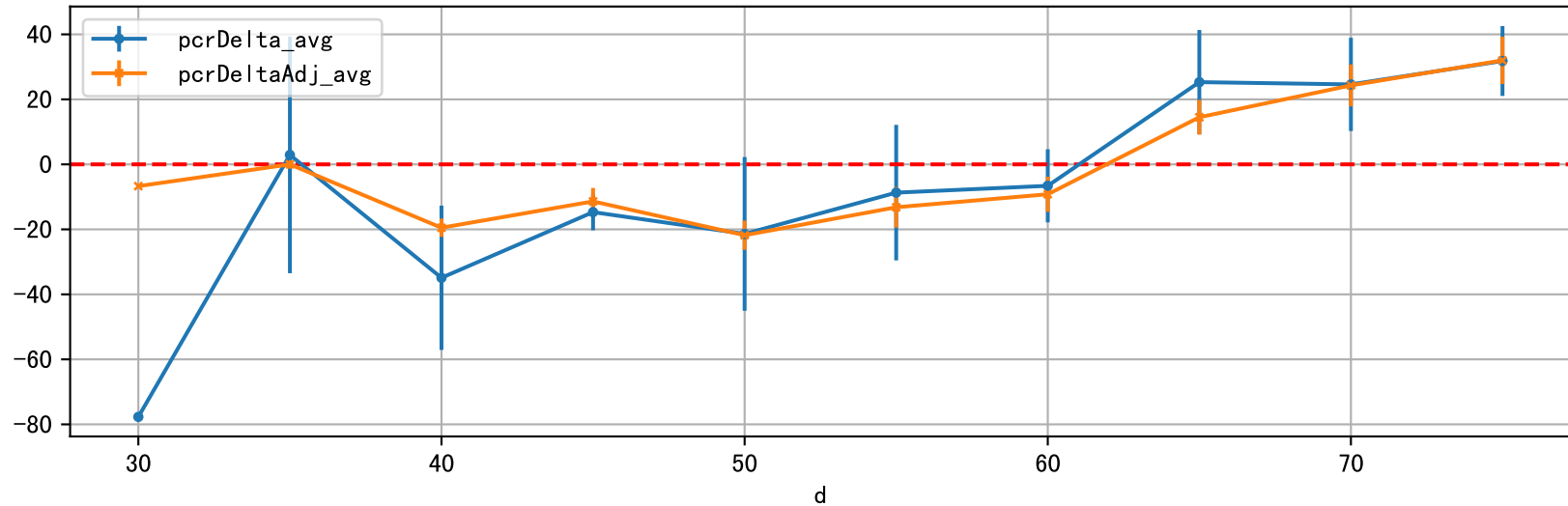


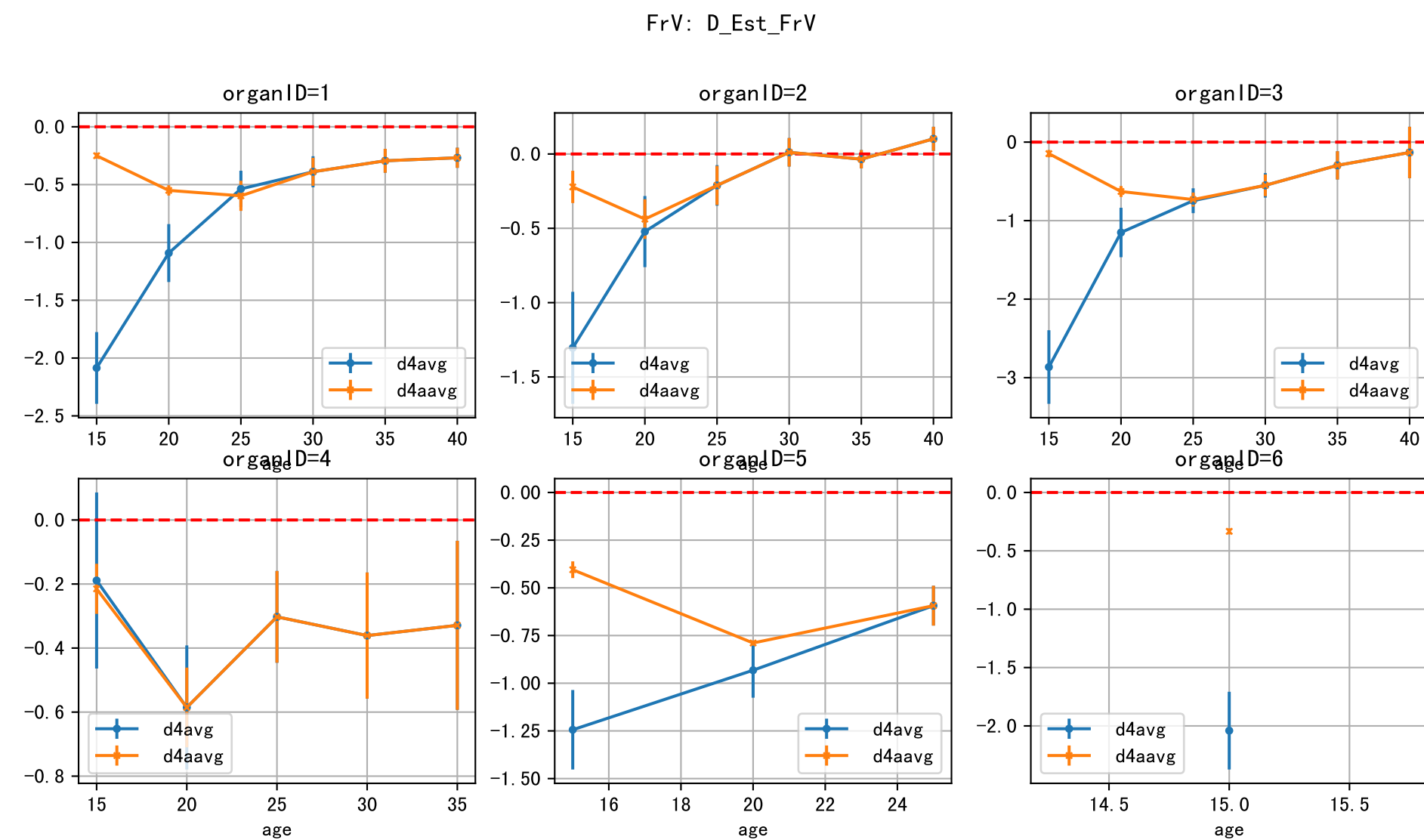


FrV: D_Q50_FrV

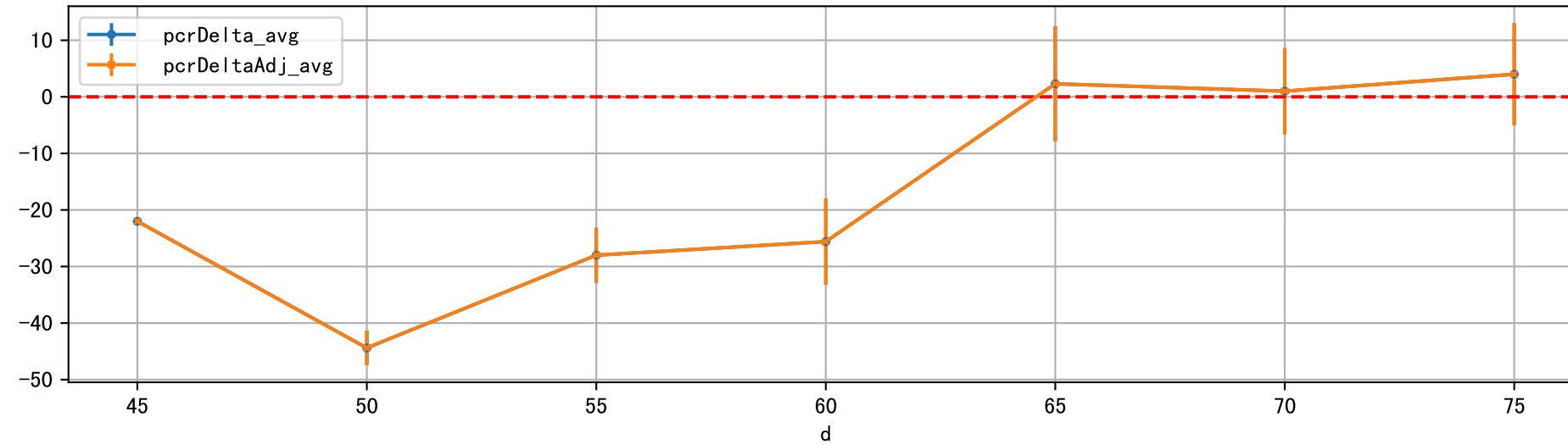


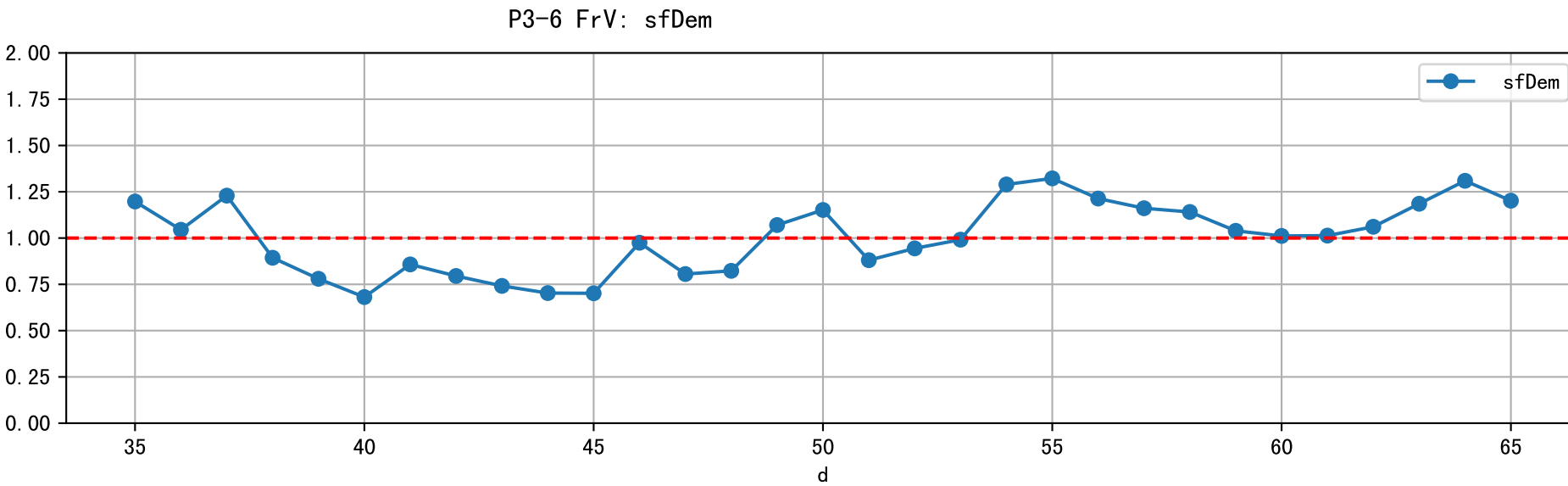
P3-6 FrV: D_Q50_FrV





P3-6 FrV: D_Est_FrV





A vertical color scale bar with numerical labels from 32 to 74 in increments of 2. The colors transition from dark purple at the bottom (74) to light yellow at the top (32).

