

Phenotype Data Analysis Plots

PhenoData day range = 10 – 62

Analysis cutoff day = 62

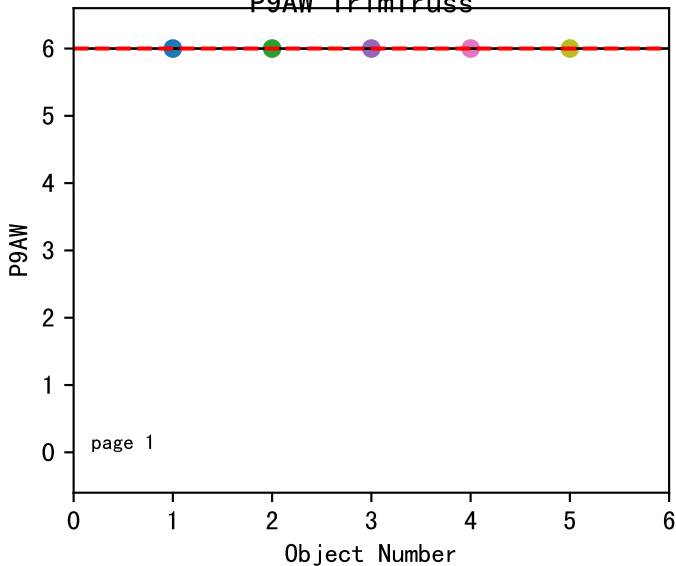
NC11 P9

2025-06-02 (Day 63)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

P9AW TrimTruss



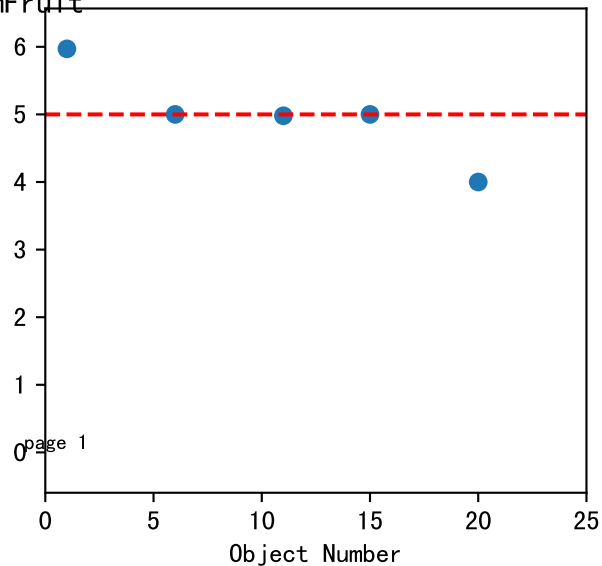
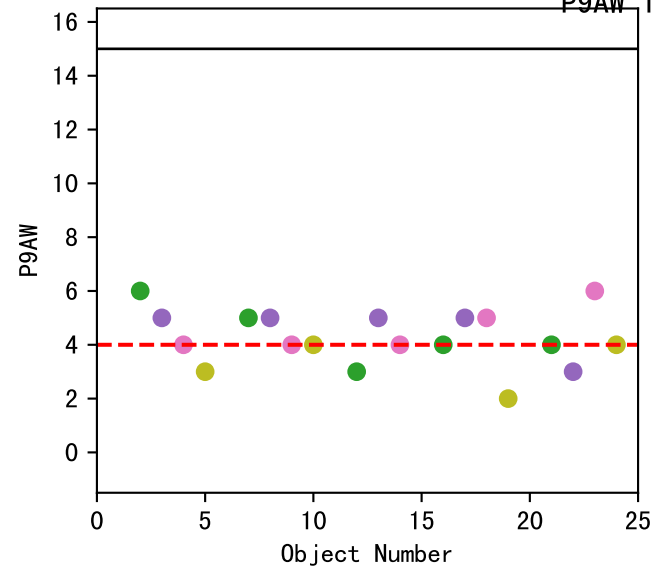
FruitNumAvgPerTruss (Def=15 Set=4)

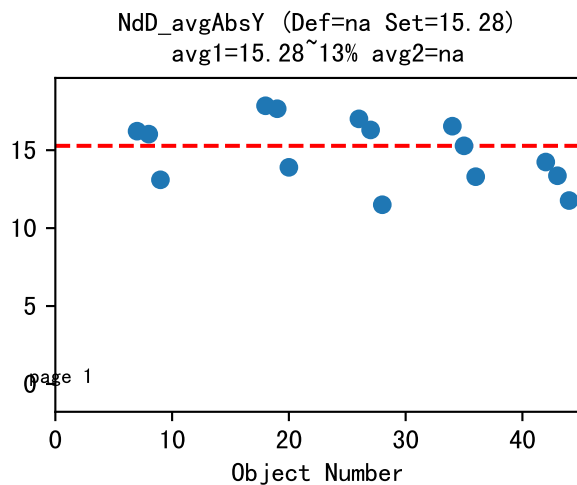
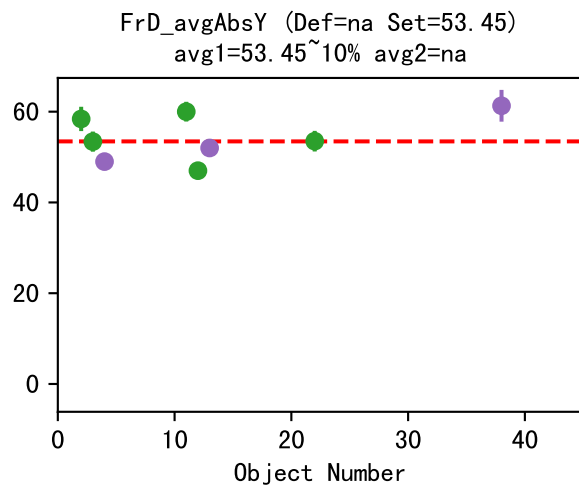
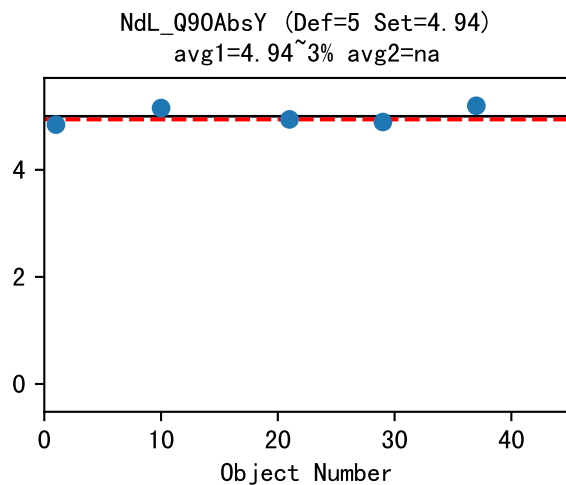
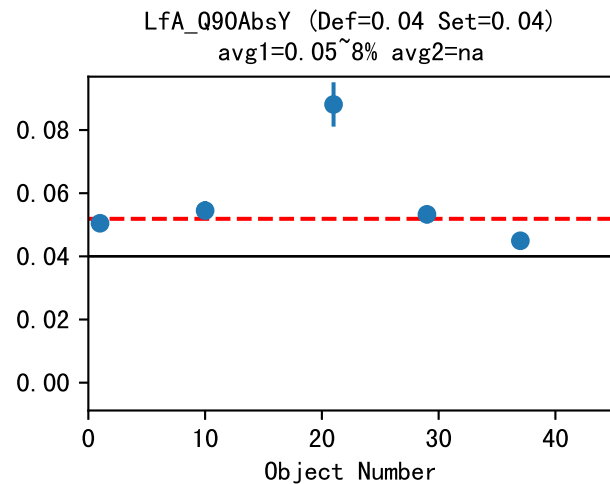
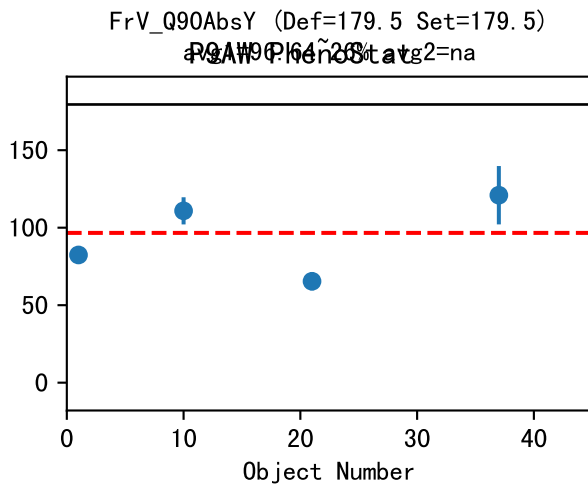
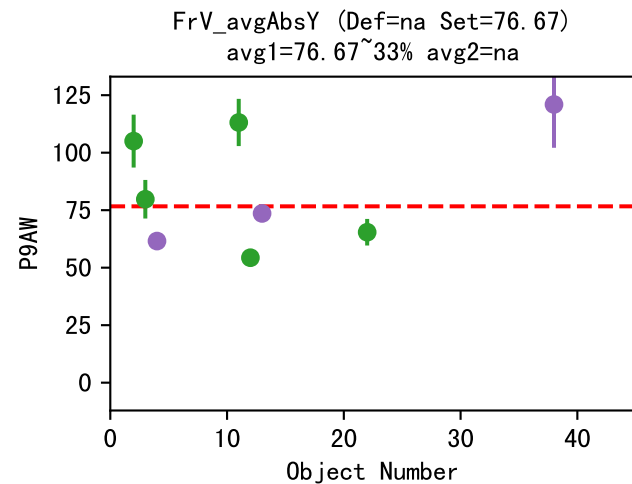
avg1=4.0~23% avg2=na

P9AW TrimFruit

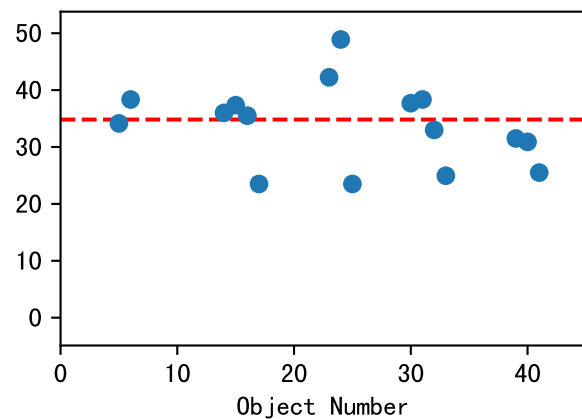
FruitNumMaxPerTruss (Def=na Set=5)

avg1=5.0~0% avg2=na

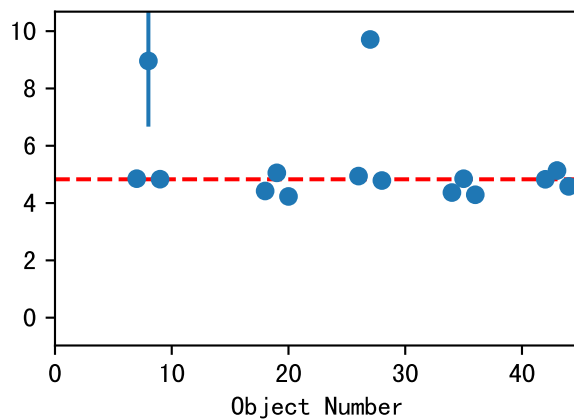




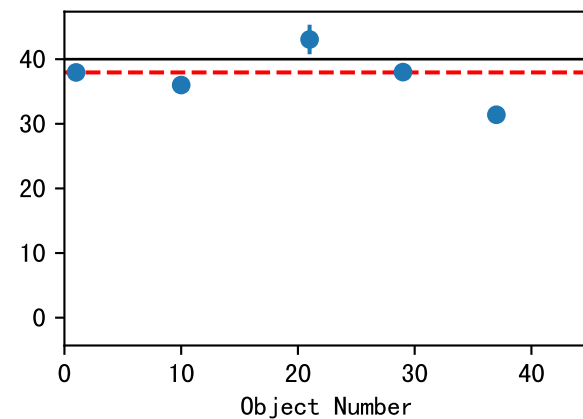
LfL_avgAbsY (Def=na Set=34.83)
avg1=34.83~20% avg2=na



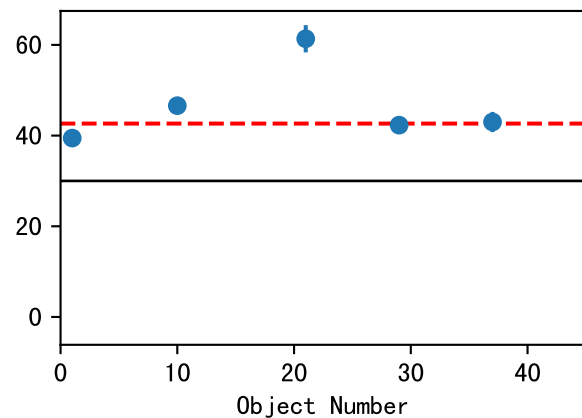
NdL_avgAbsY (Def=na Set=4.83)
avg1=4.83~6% avg2=na



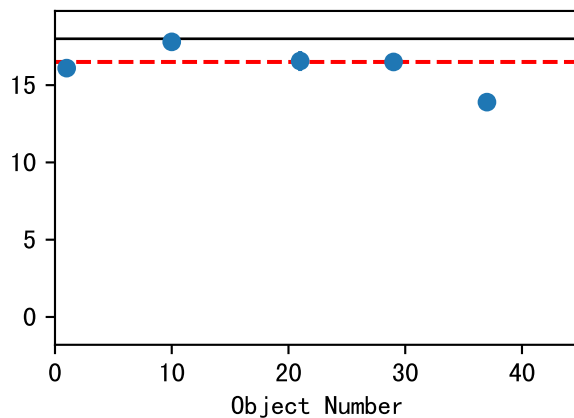
LfL_Q90AbsY (Def=40 Set=37.95)
avg1=37.95~3% avg2=na



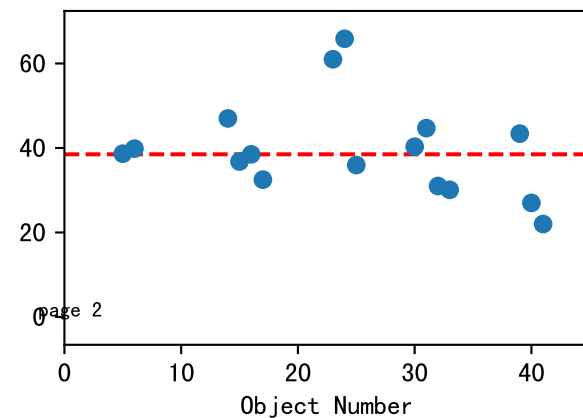
LfW_Q90AbsY (Def=30 Set=42.65)
avg1=42.65~7% avg2=na



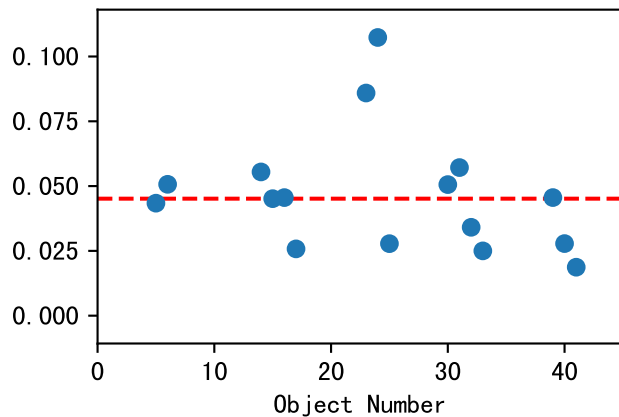
NdD_Q90AbsY (Def=18 Set=16.5)
avg1=16.5~2% avg2=na



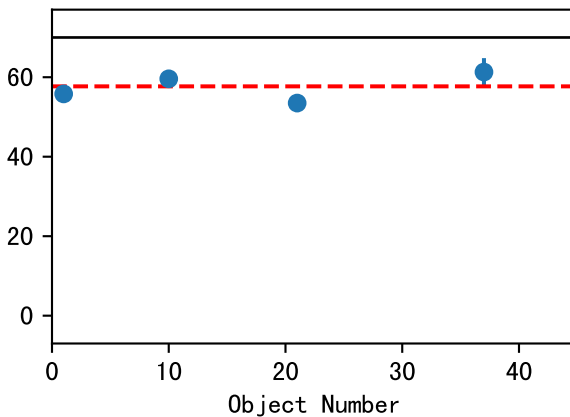
LfW_avgAbsY (Def=na Set=38.5)
avg1=38.5~24% avg2=na



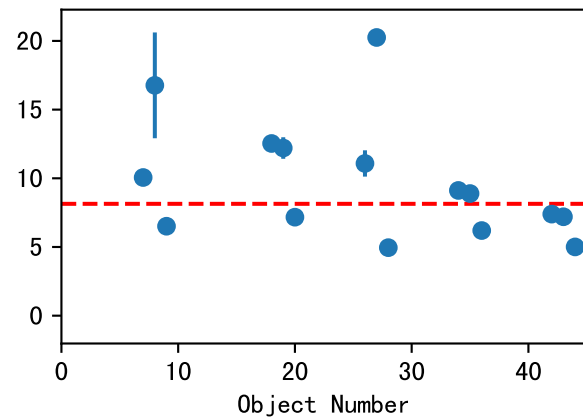
LfA_avgAbsY (Def=na Set=0.05)
avg1=0.05~38% avg2=na



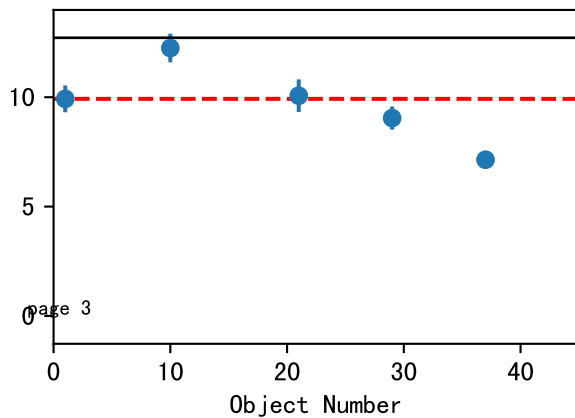
FrD_Q90AbsY (Def=70 Set=57.7)
avg1=57.7~6% avg2=na



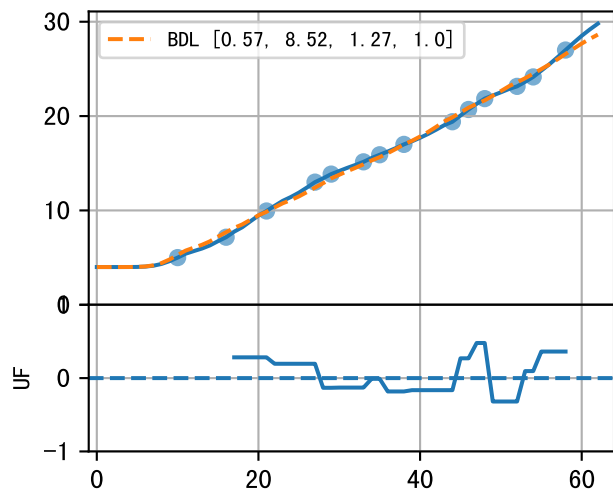
NdV_avgAbsY (Def=na Set=8.14)
avg1=8.14~41% avg2=na



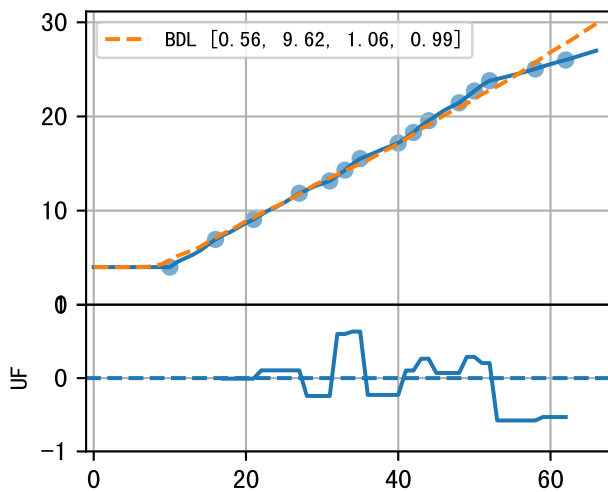
NdV_Q90AbsY (Def=12.72 Set=12.72)
avg1=9.92~6% avg2=na



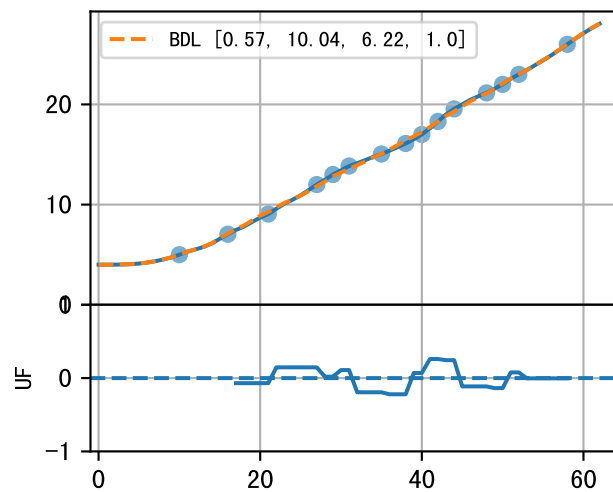
P9AW-005-13 (fit failed)



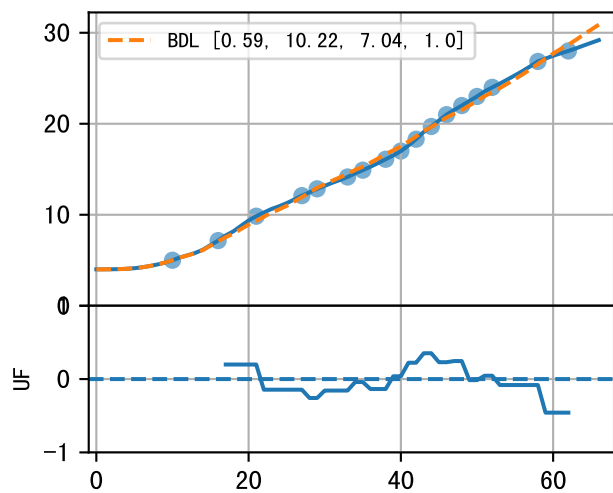
P9AW-017-26 (fit failed)



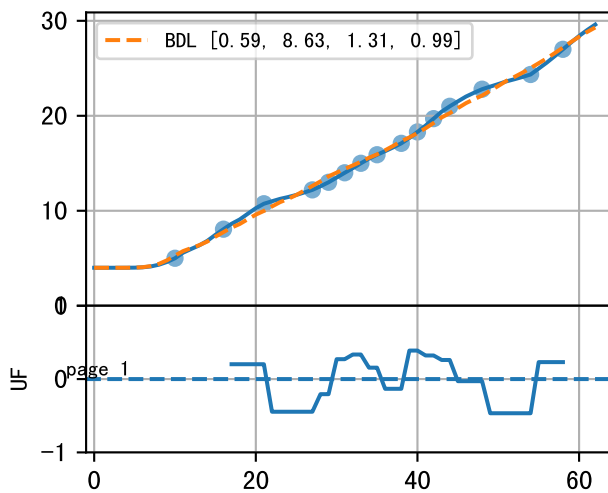
P9AW-029-11 (fit failed)



P9AW-040-22 (fit failed)



P9AW-052-18 (fit failed)

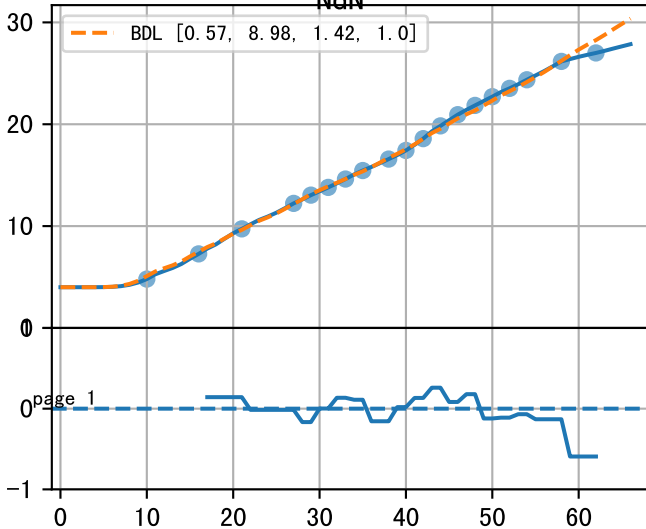


P9AWavg (fit failed)

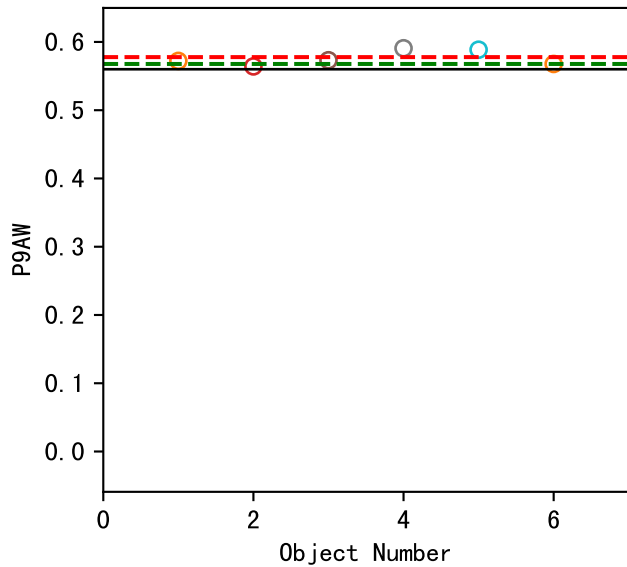
NdN

BDL [0.57, 8.98, 1.42, 1.0]

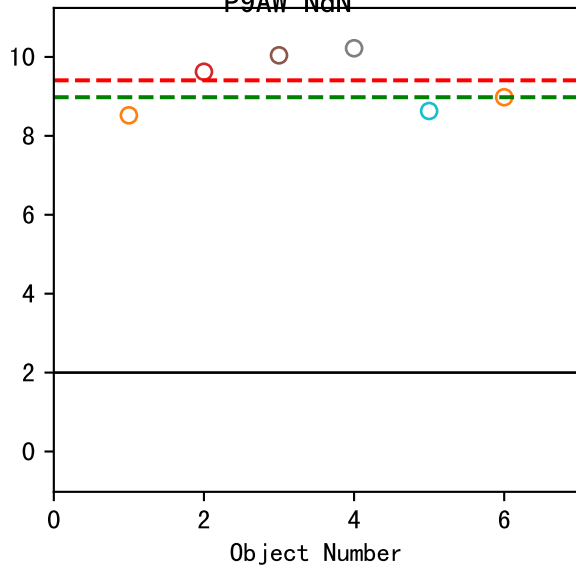
UF page 1



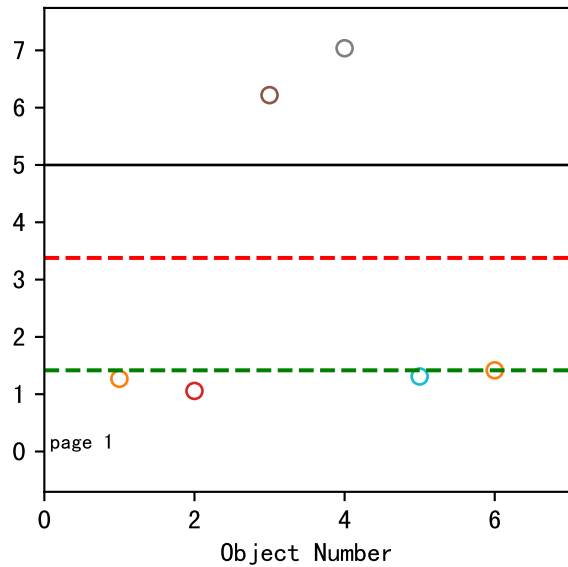
a (Def=0.56 Set=0.57)
avg1=0.58(fail) avg2=0.57



dm (Def=2 Set=8.98)
avg1=9.41(fail) avg2=8.98



de (Def=5 Set=1.42)
avg1=3.38(fail) avg2=1.42



InitDev_dm (Def=2 Set=9.84)

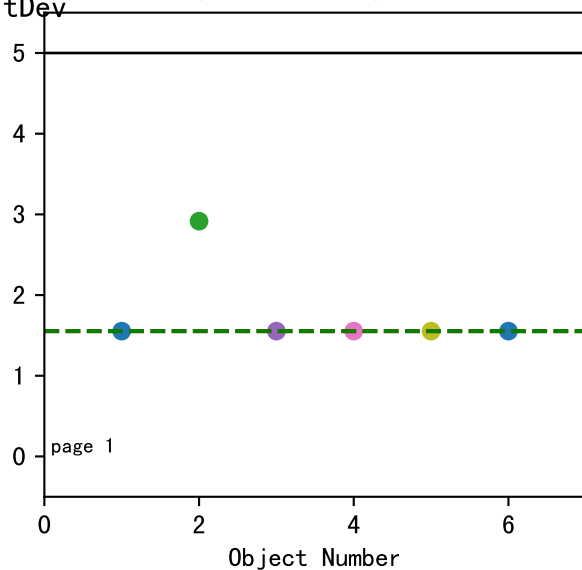
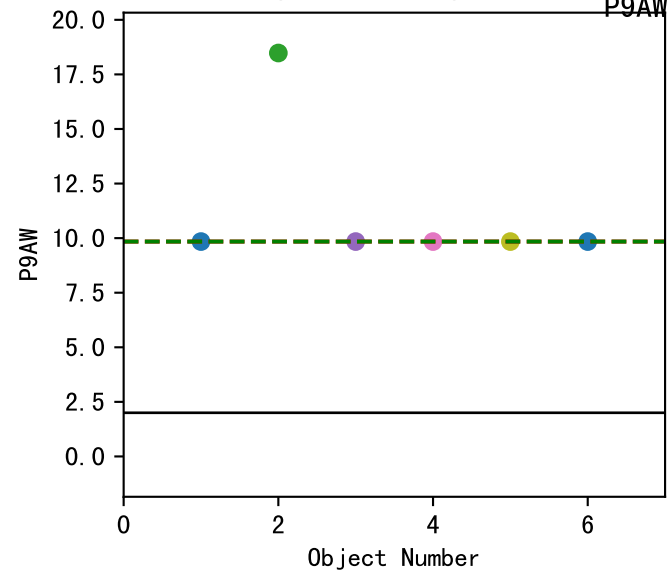
avg1=9.84~0% avg2=9.84

P9AW

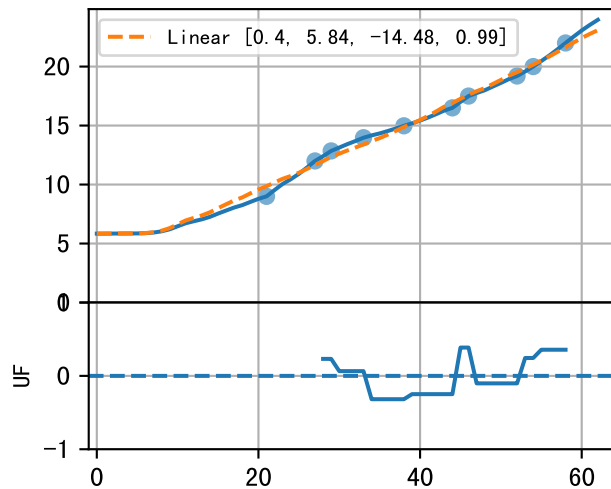
InitDev

InitDev_de (Def=5 Set=1.55)

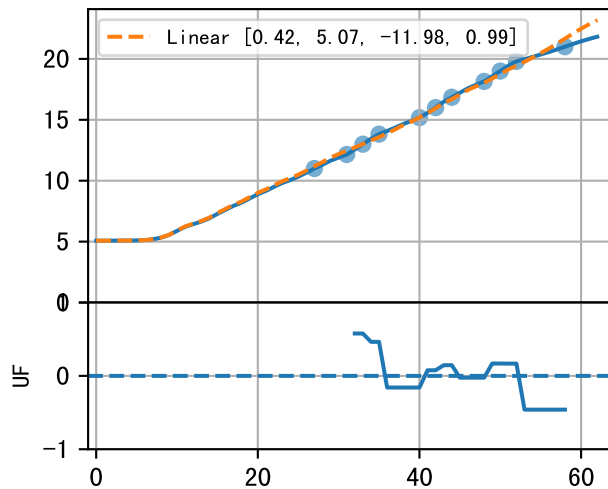
avg1=1.55~0% avg2=1.55



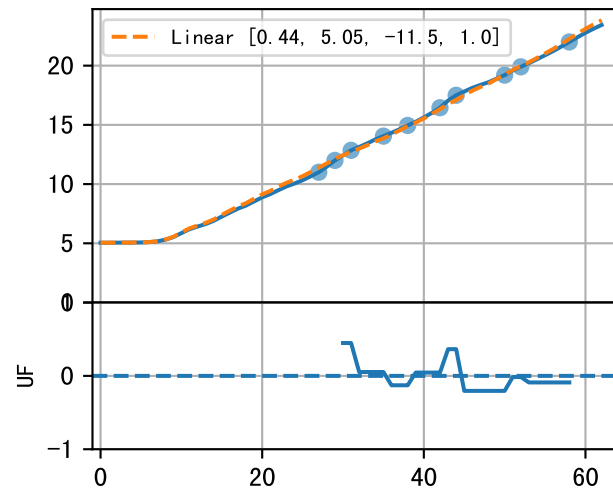
P9AW-005-13



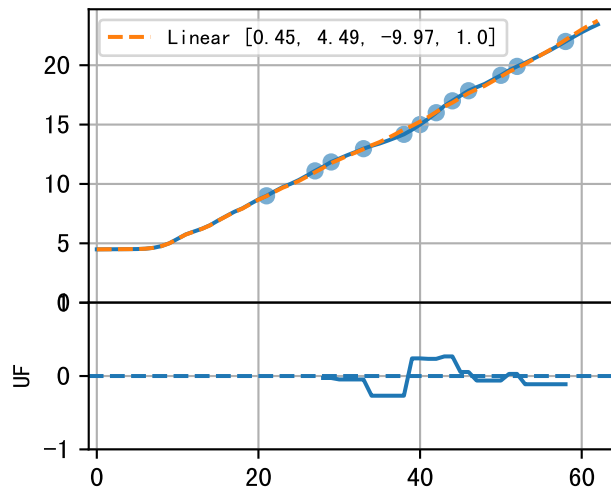
P9AW-017-26



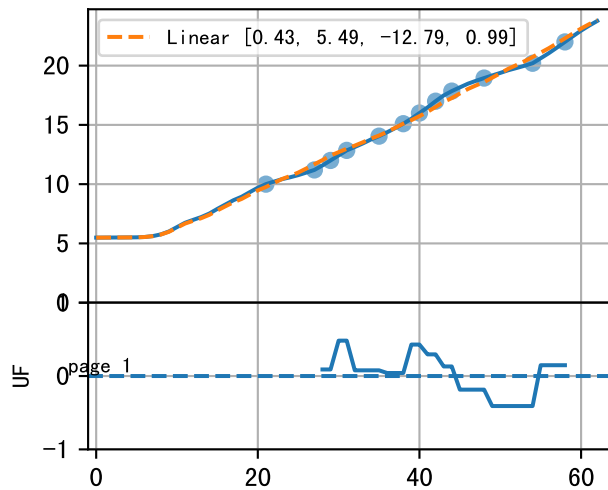
P9AW-029-11



P9AW-040-22



P9AW-052-18

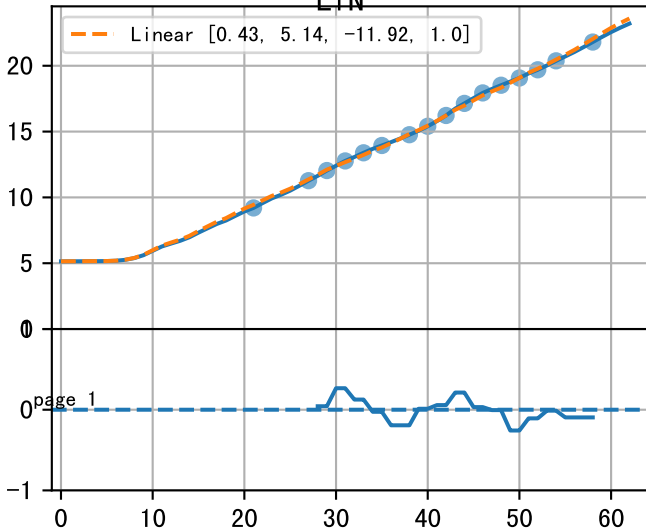


P9AWavg
Lfn

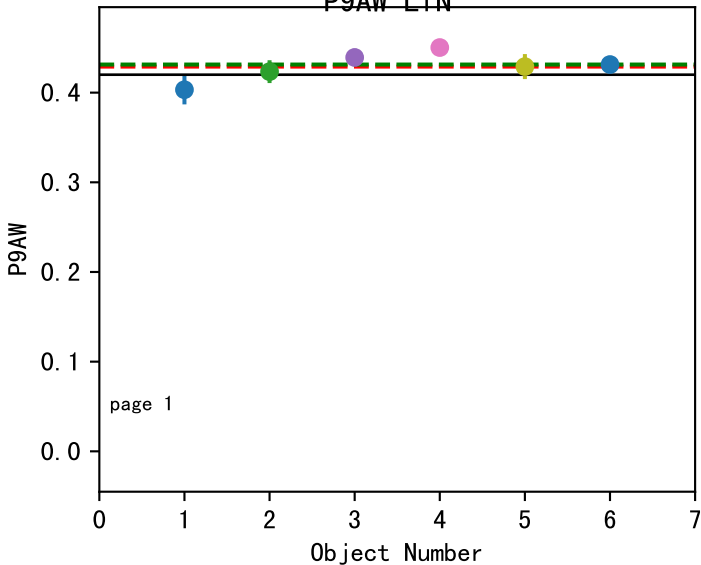
Linear [0.43, 5.14, -11.92, 1.0]

UF

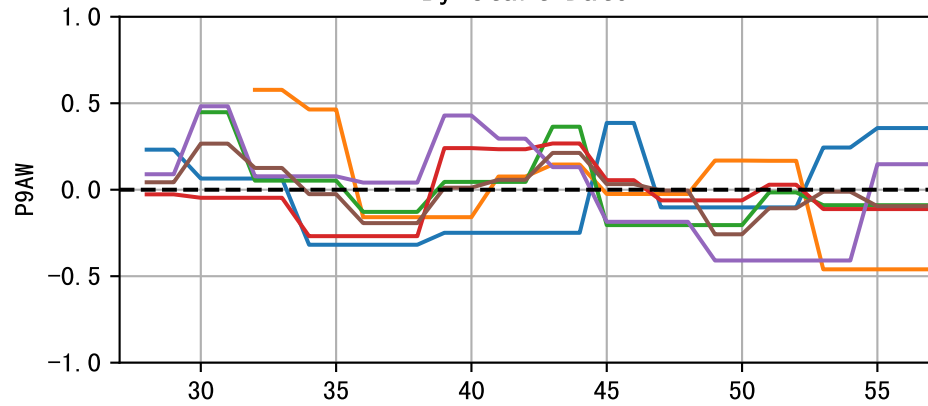
page 1



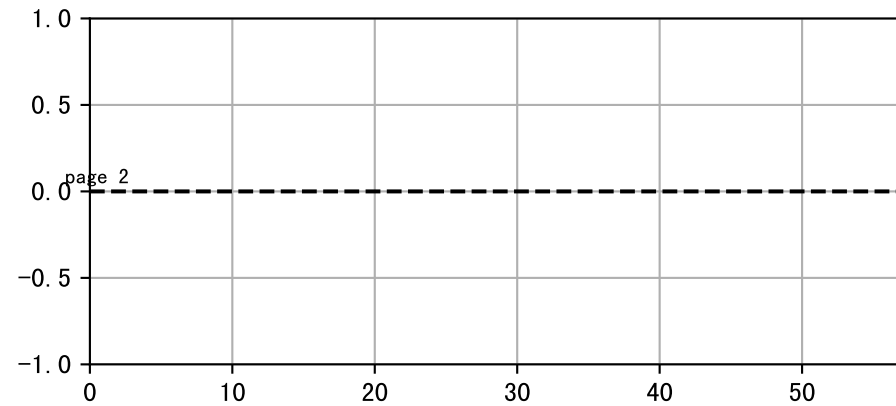
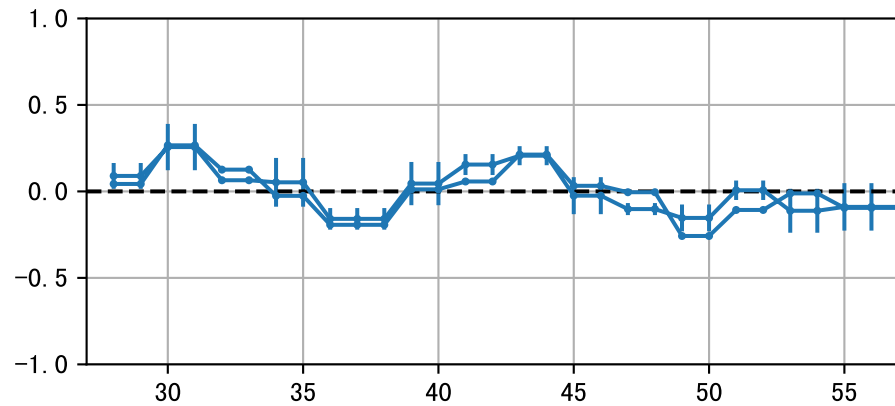
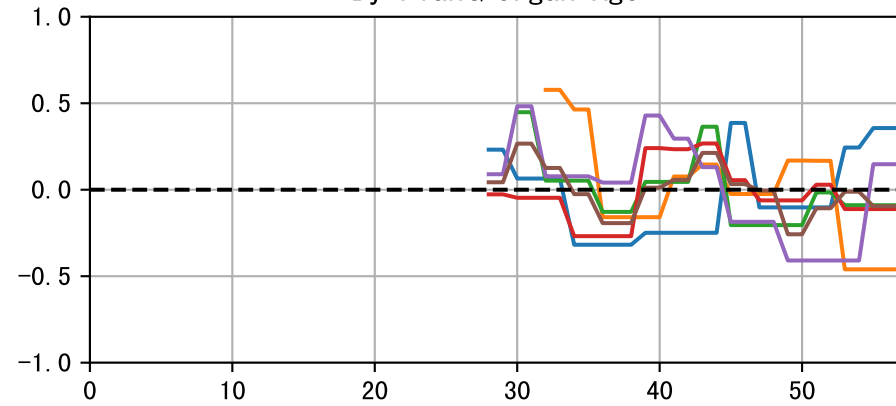
a (Def=0.42 Set=0.43)
avg1=0.43 $\sim$ 4% avg2=0.43 $\sim$ 2%
P9AW LFN



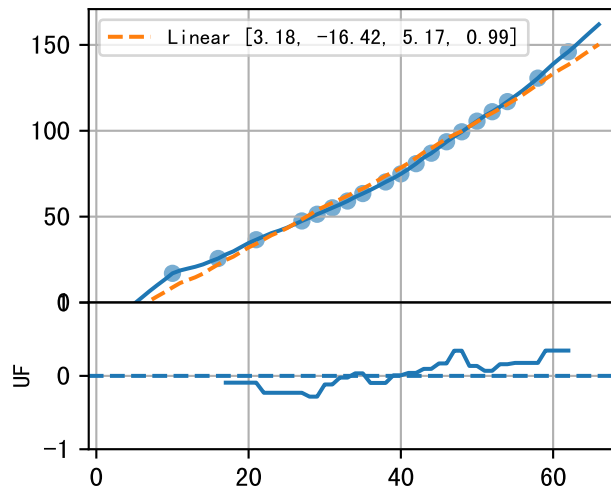
By Start Date



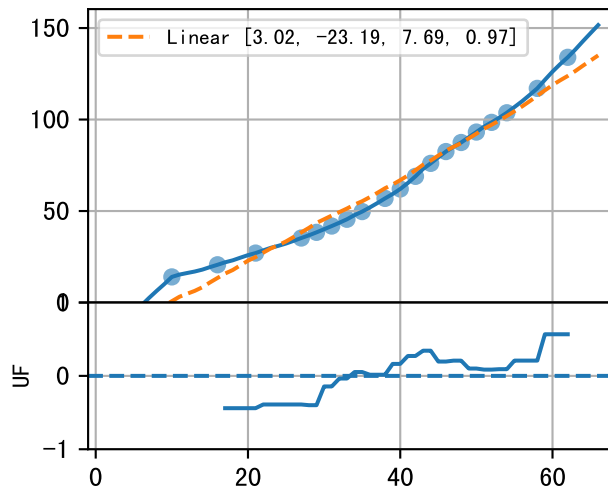
By Plant/Organ Age



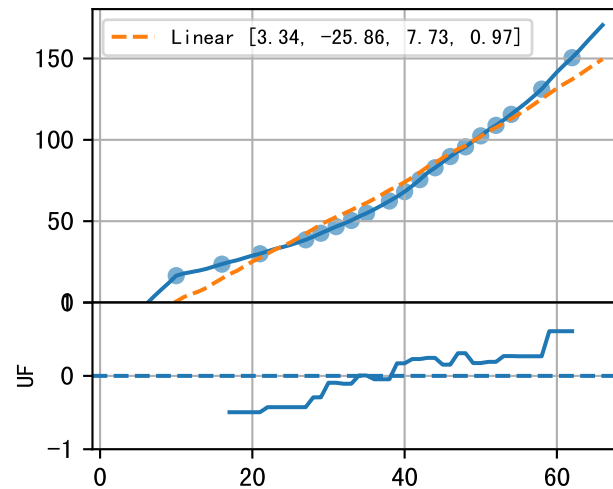
P9AW-005-13



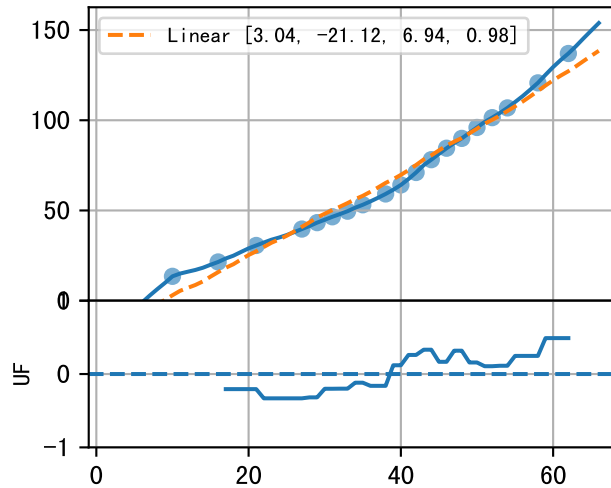
P9AW-017-26



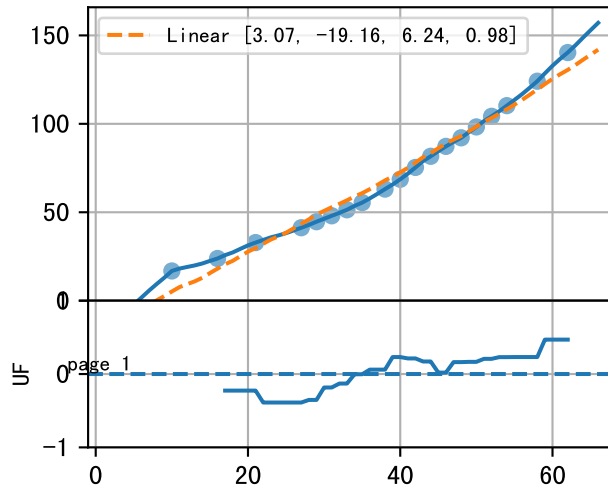
P9AW-029-11



P9AW-040-22

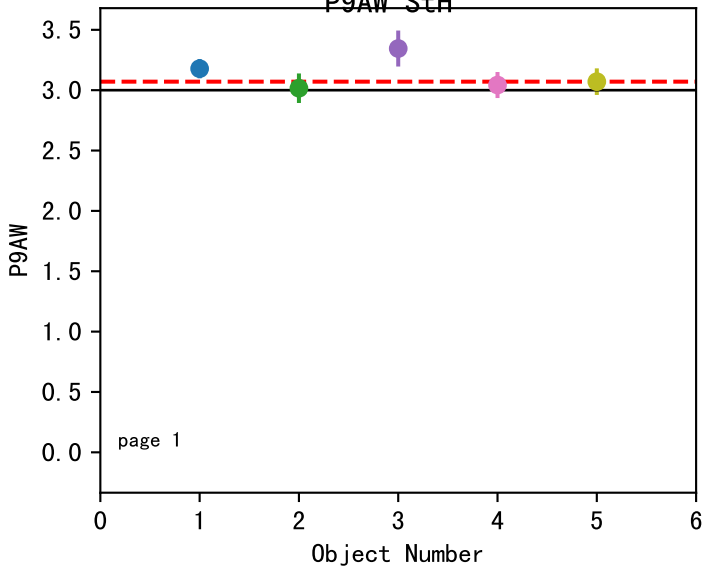


P9AW-052-18

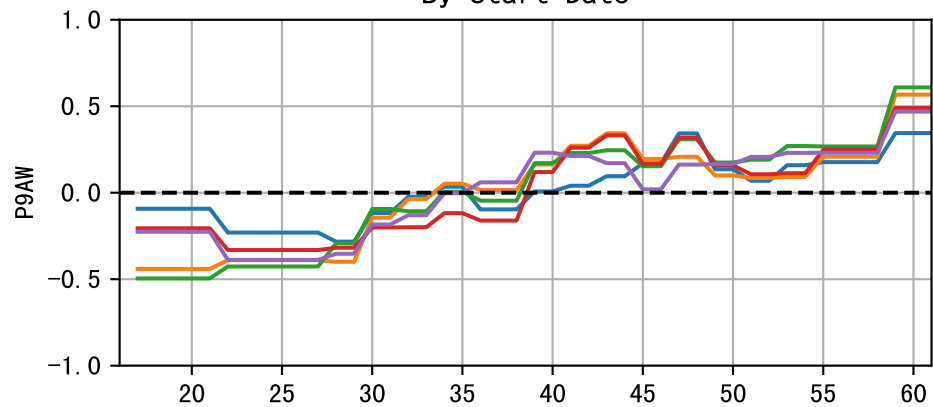


a (Def=3 Set=3.07)
avg1=3.07~4% avg2=na

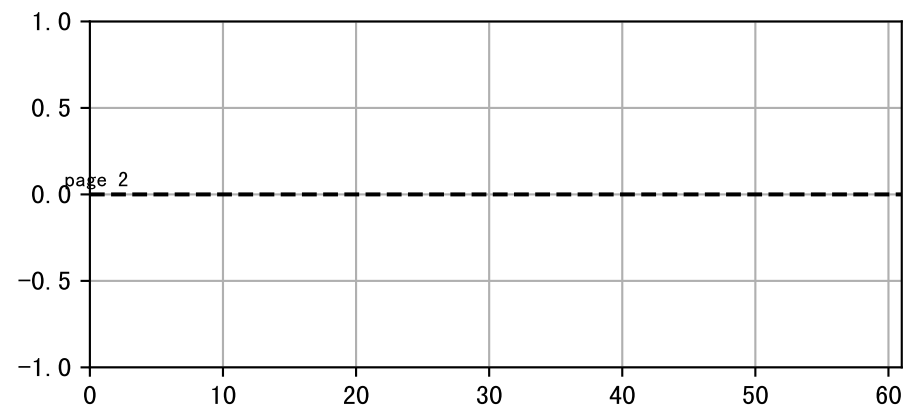
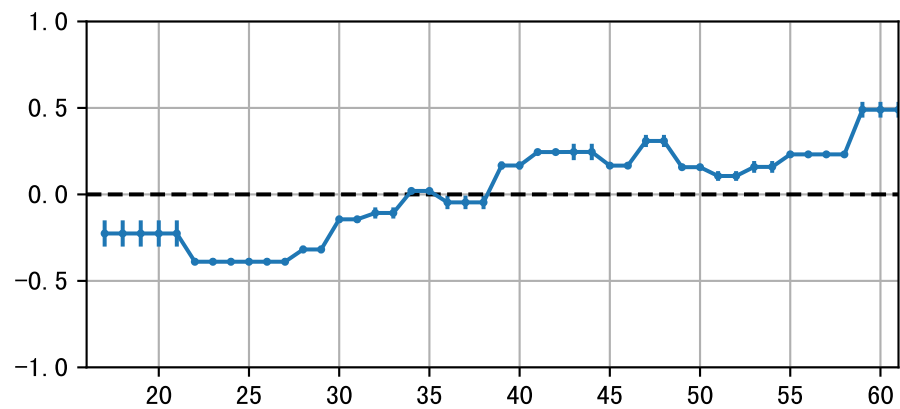
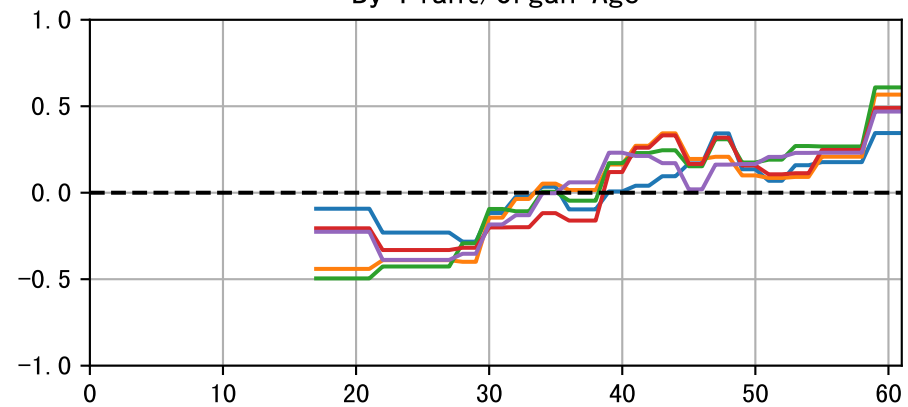
P9AW StH



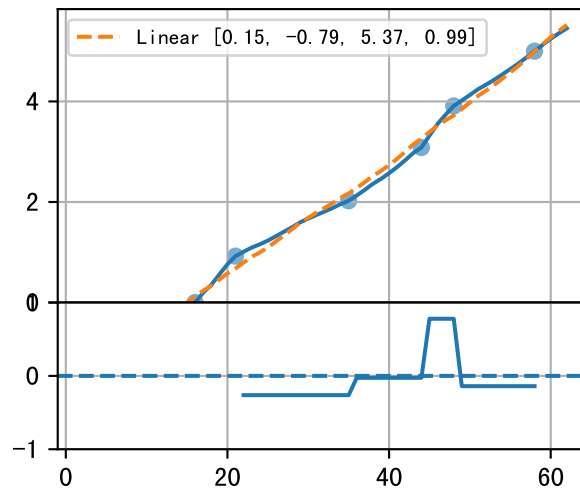
By Start Date



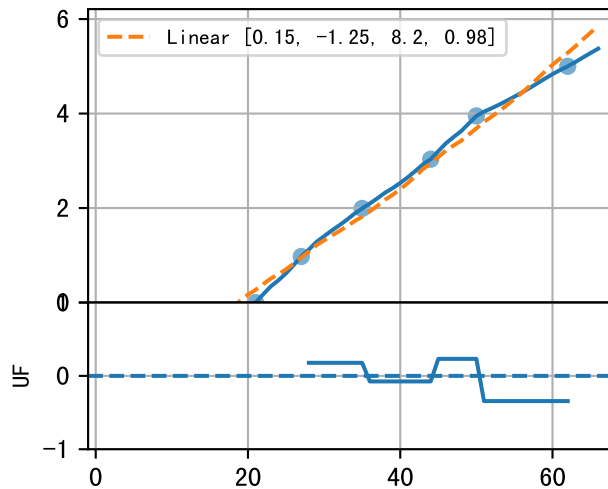
By Plant/Organ Age



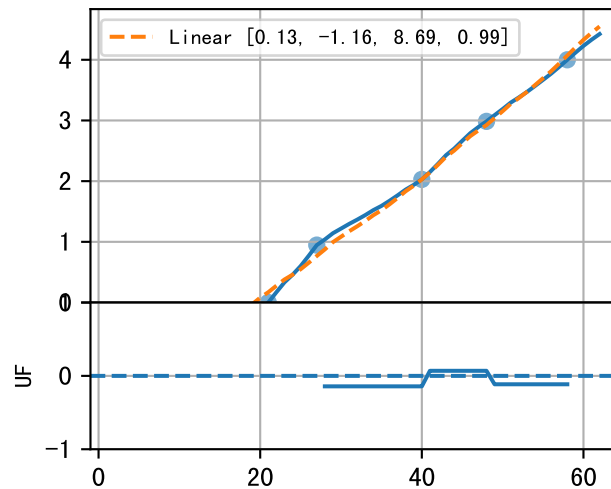
P9AW-005-13



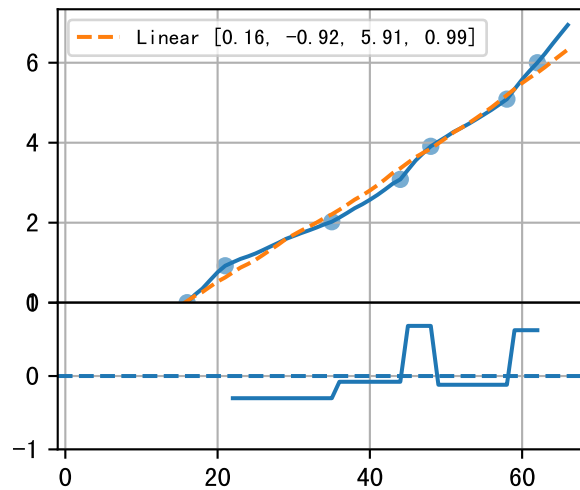
P9AW-017-26



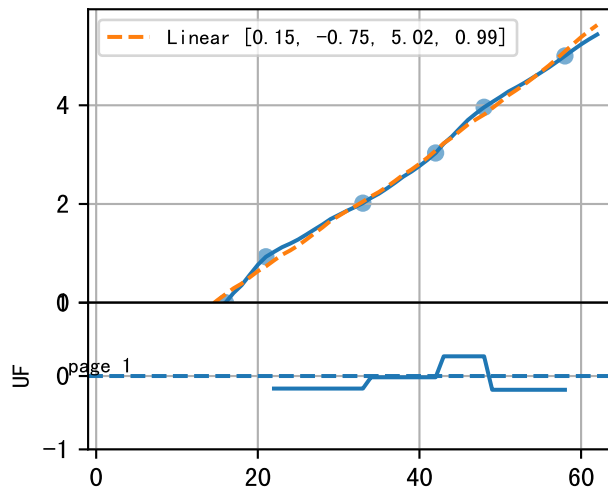
P9AW-029-11



P9AW-040-22



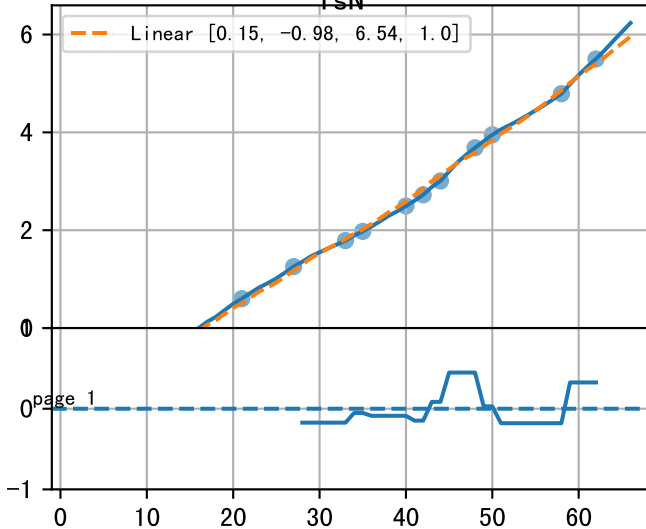
P9AW-052-18



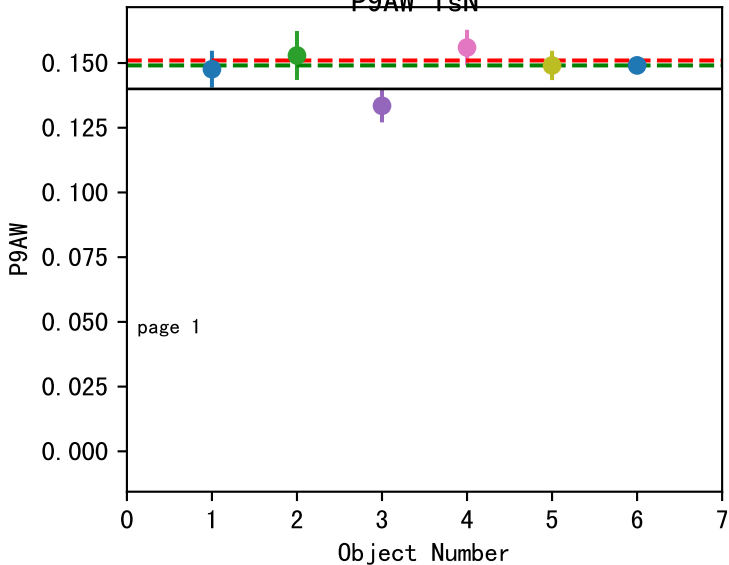
P9AWavg
TSN

Linear [0.15, -0.98, 6.54, 1.0]

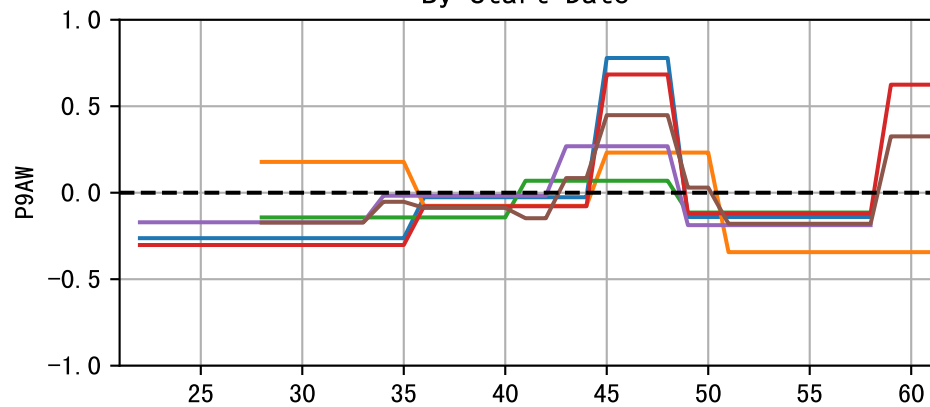
UF
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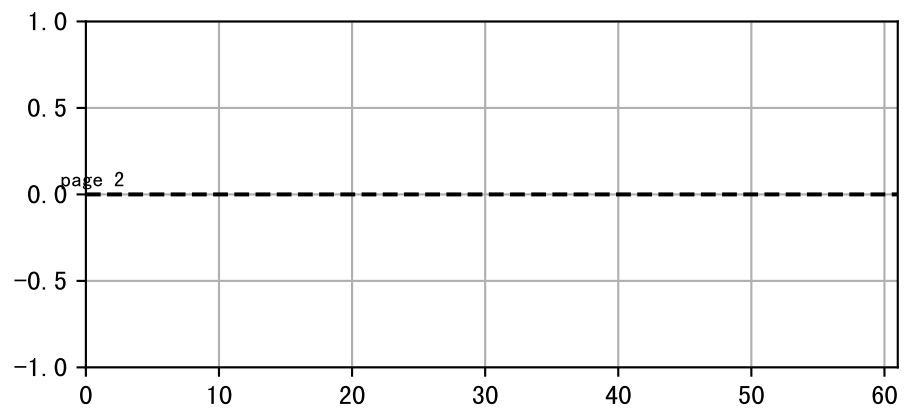
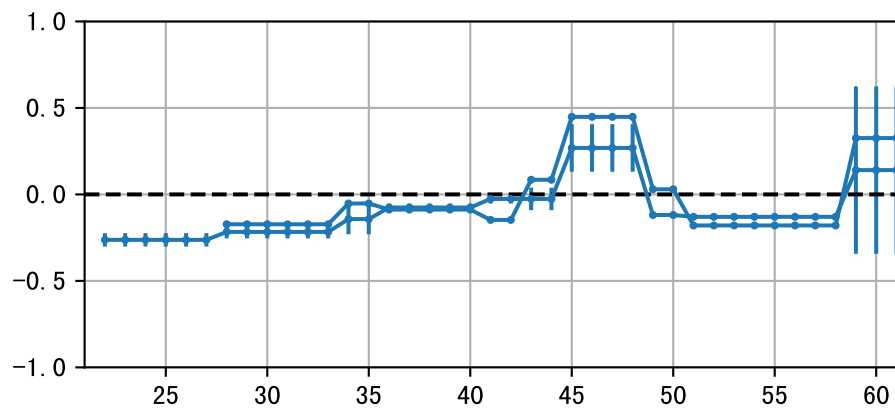
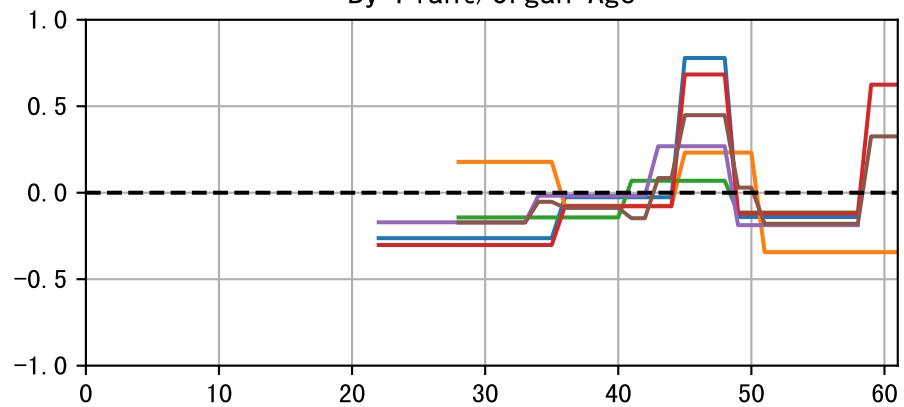
a (Def=0.14 Set=0.15)
avg1=0.15 $\sim$ 3% avg2=0.15 $\sim$ 5%
P9AW TSN



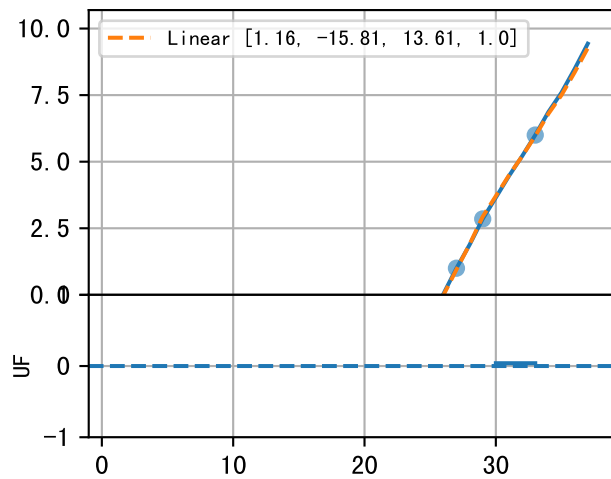
By Start Date



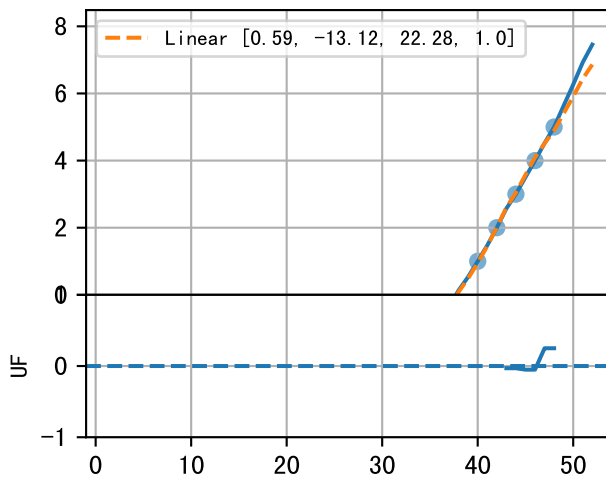
By Plant/Organ Age



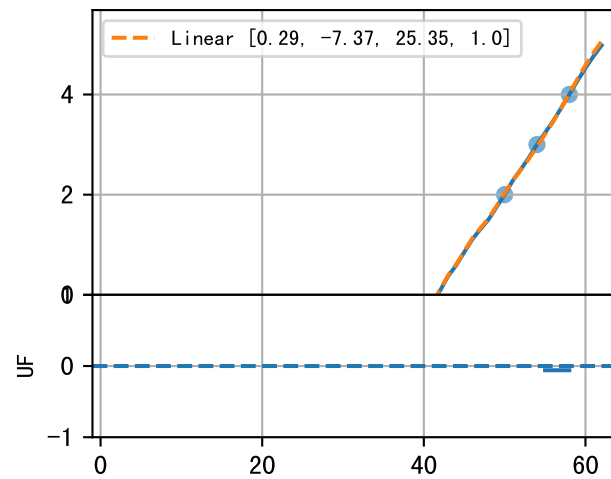
P9AW-005-13T1



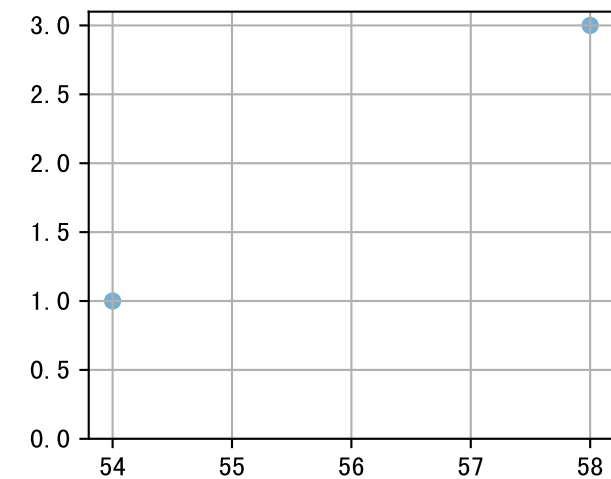
P9AW-005-13T2



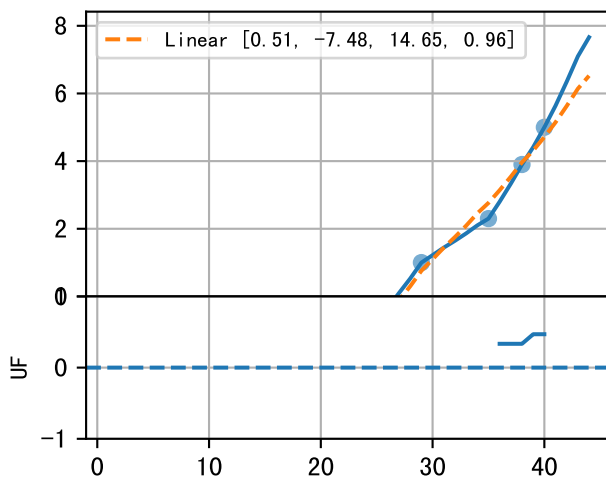
P9AW-005-13T3



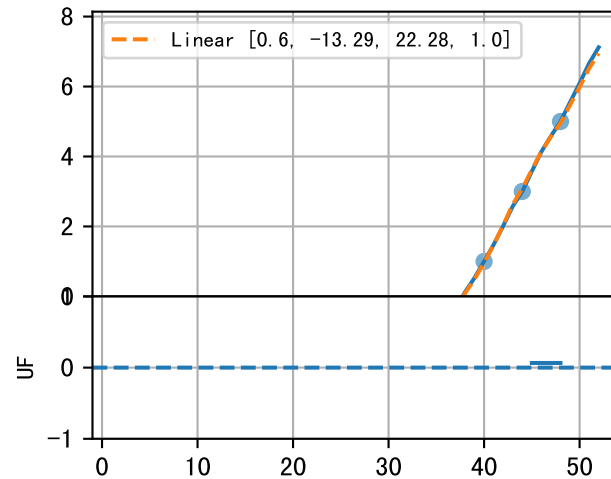
P9AW-005-13T4 (fit failed)



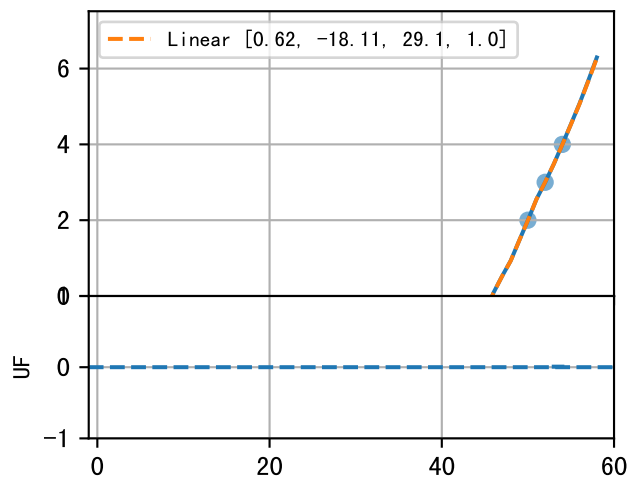
P9AW-017-26T1



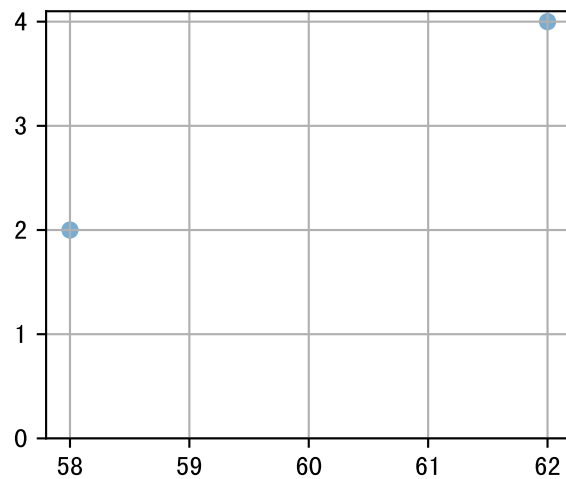
P9AW-017-26T2



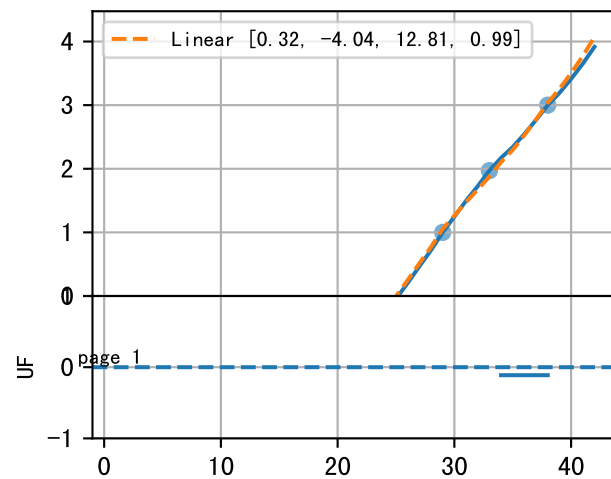
P9AW-017-26T3

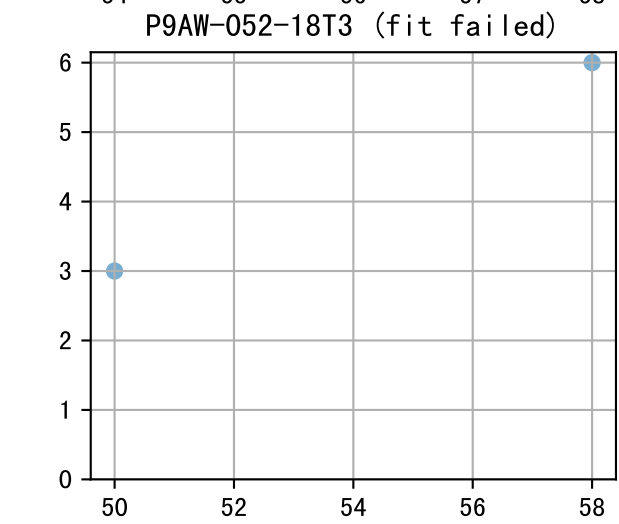
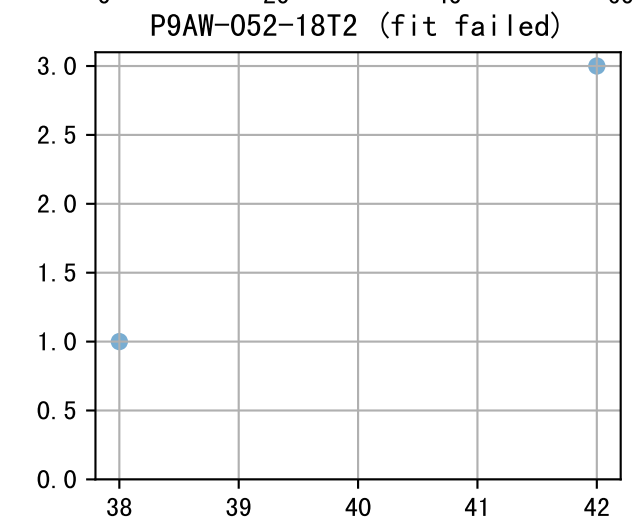
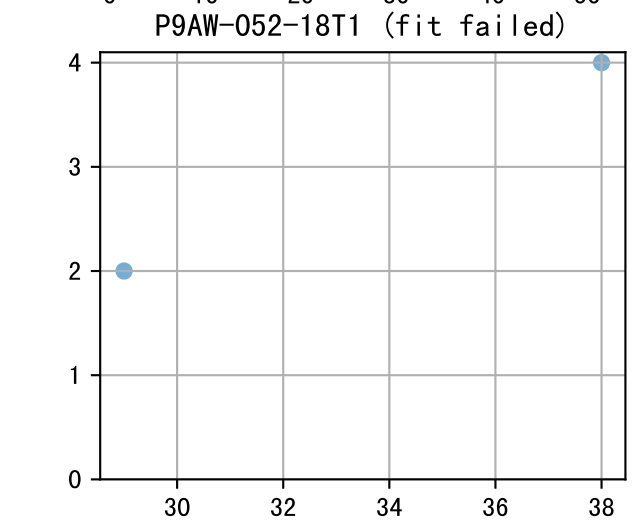
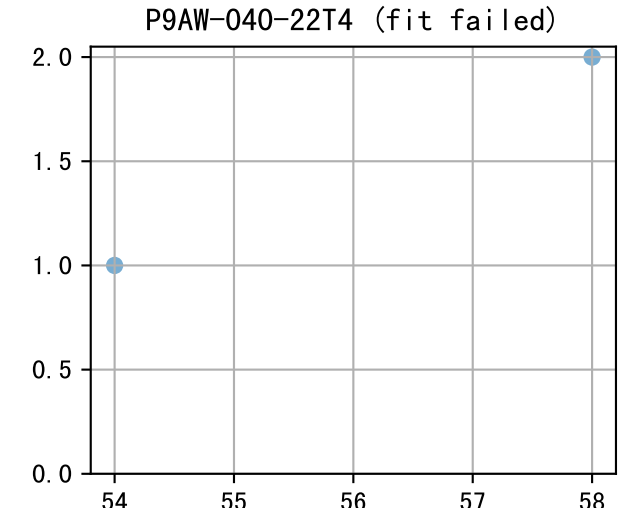
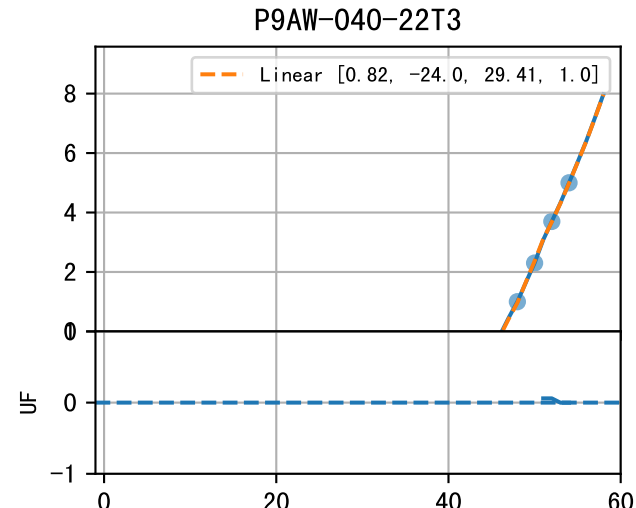
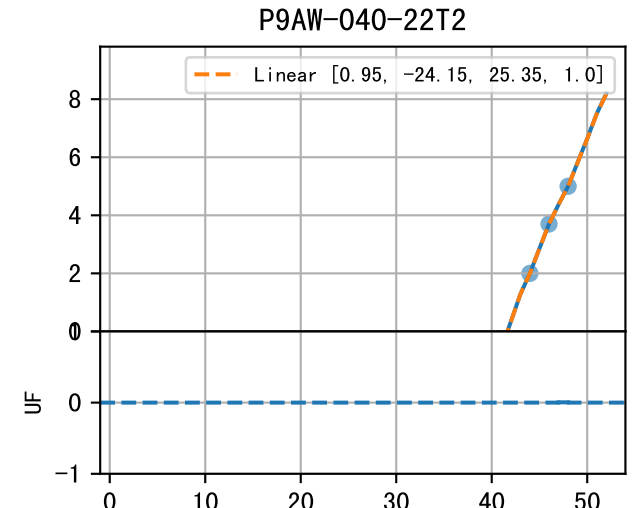
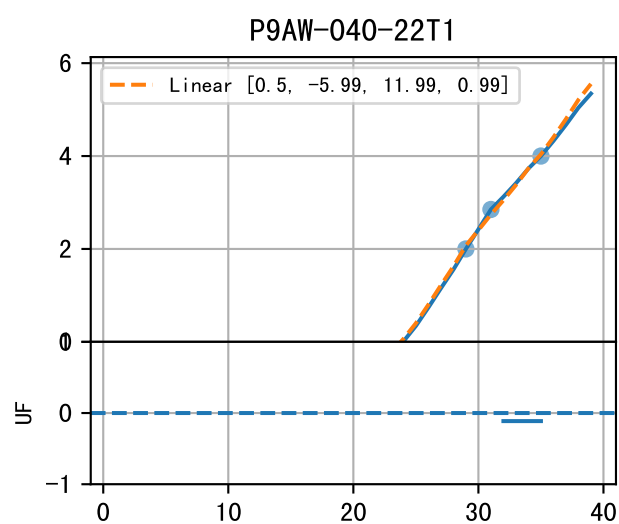
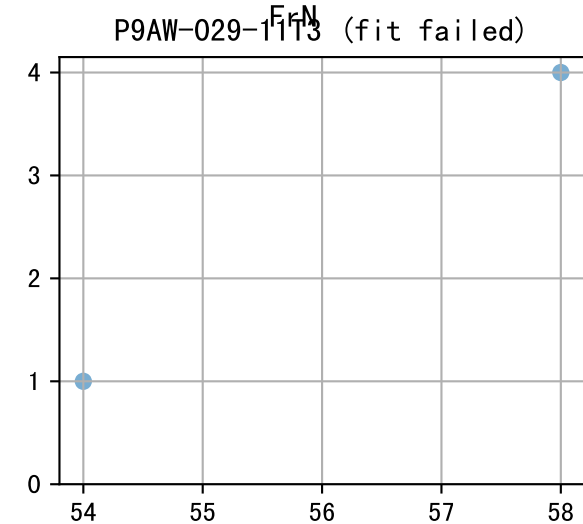
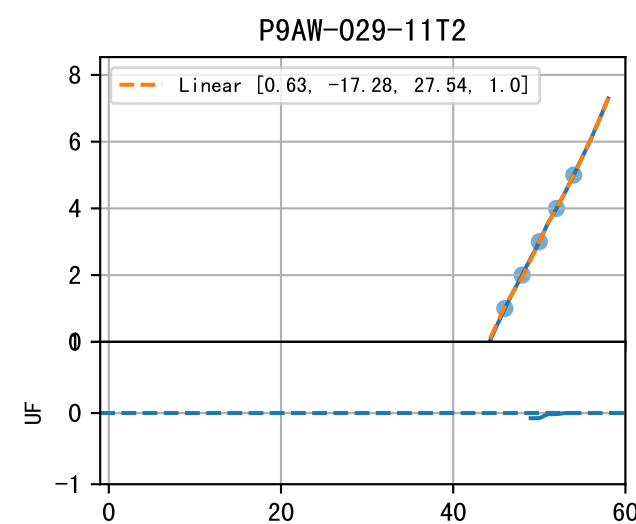


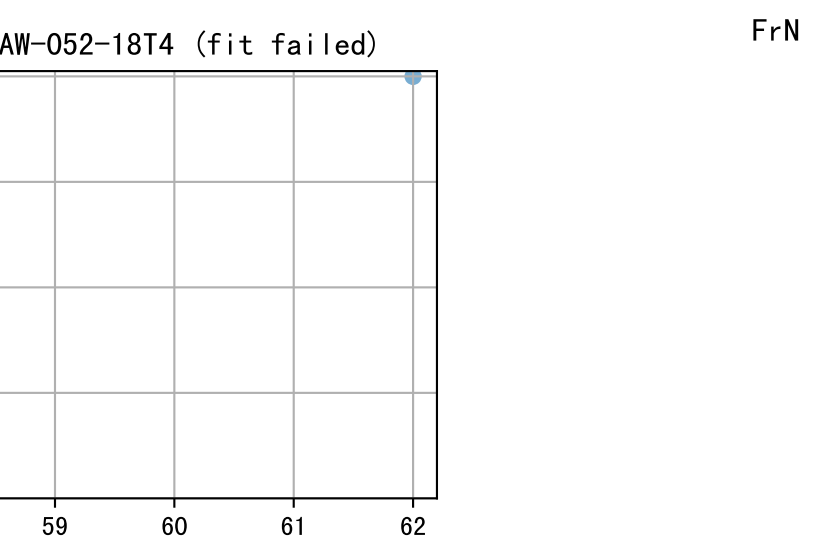
P9AW-017-26T4 (fit failed)



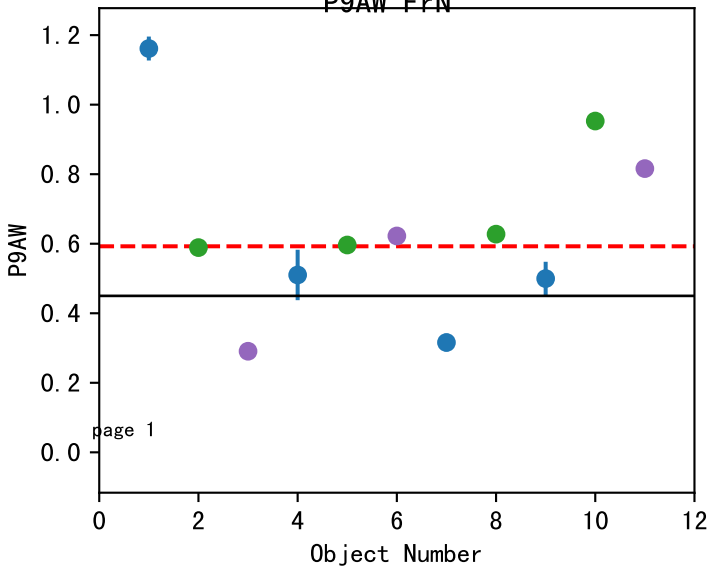
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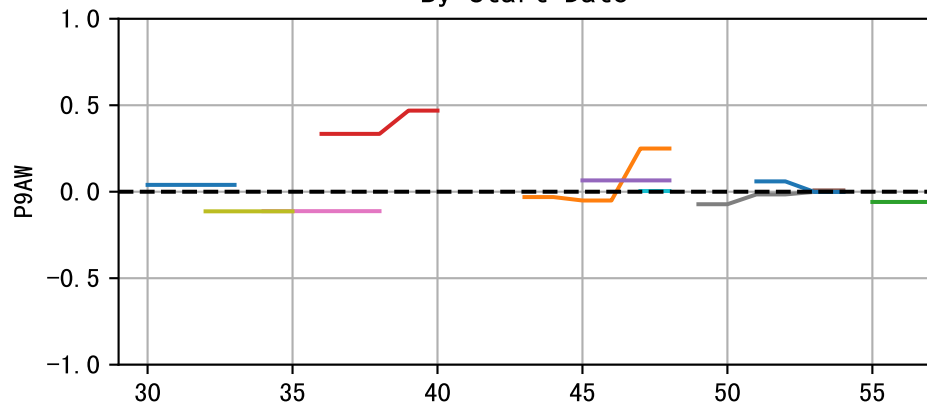




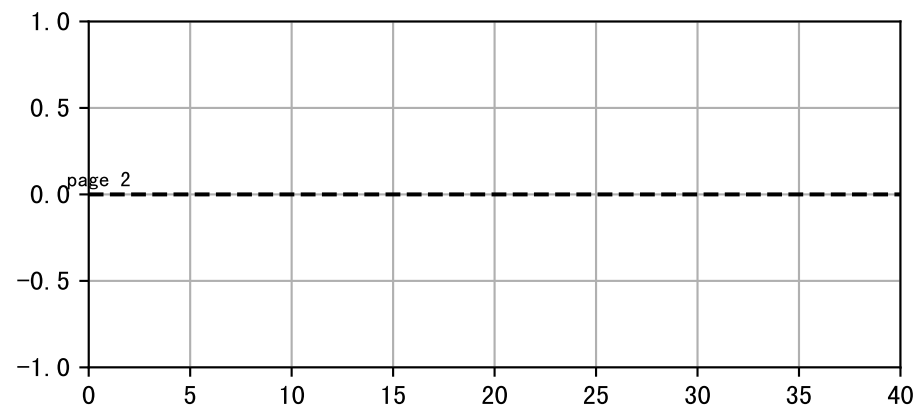
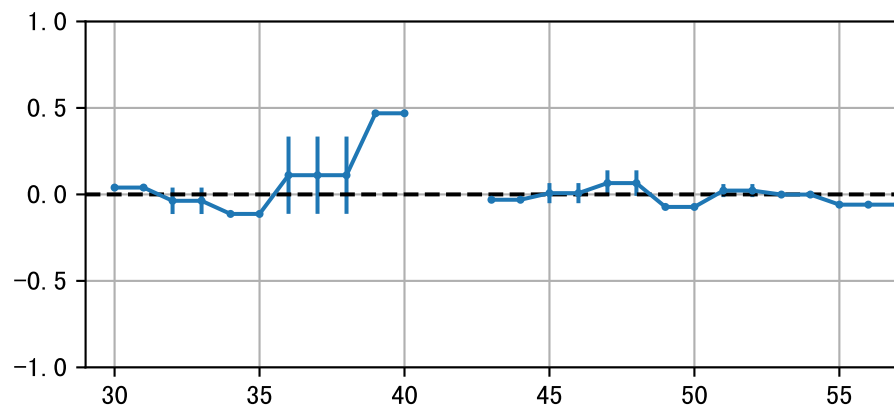
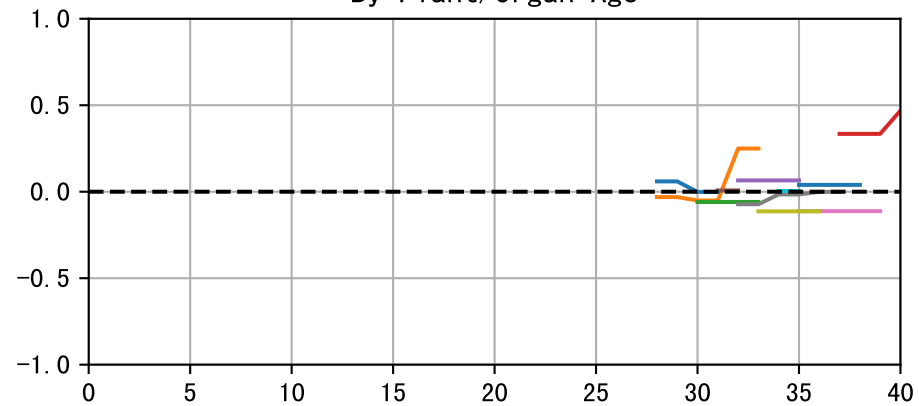
a (Def=0.45 Set=0.59)
avg1=0.59~34% avg2=na



By Start Date

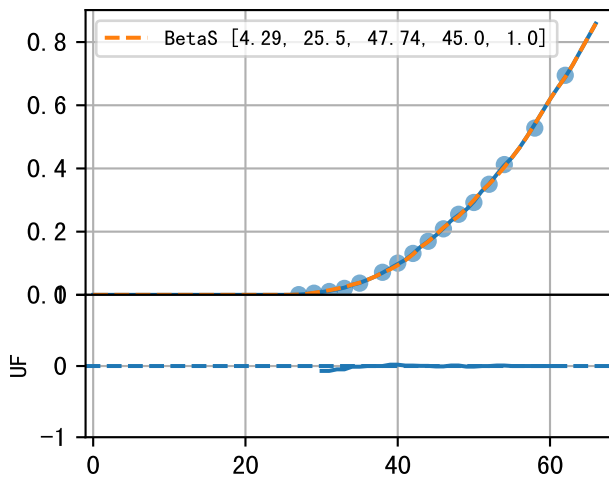


By Plant/Organ Age

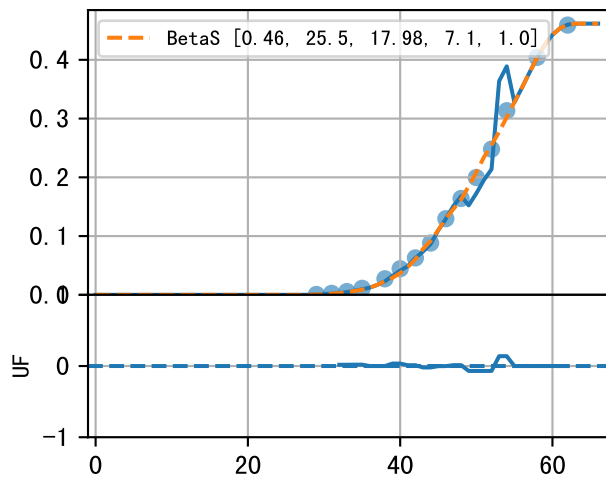


FrV

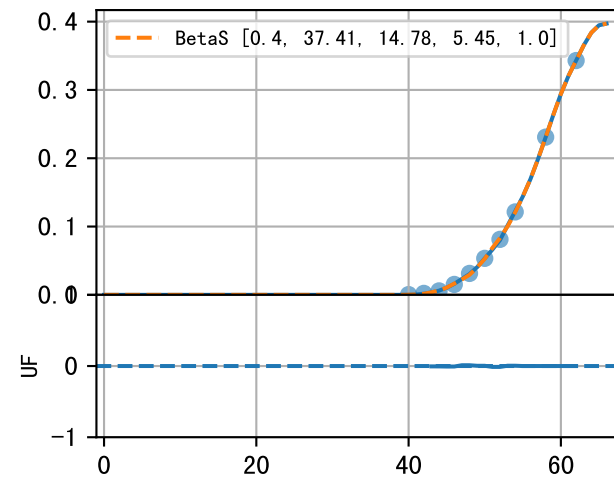
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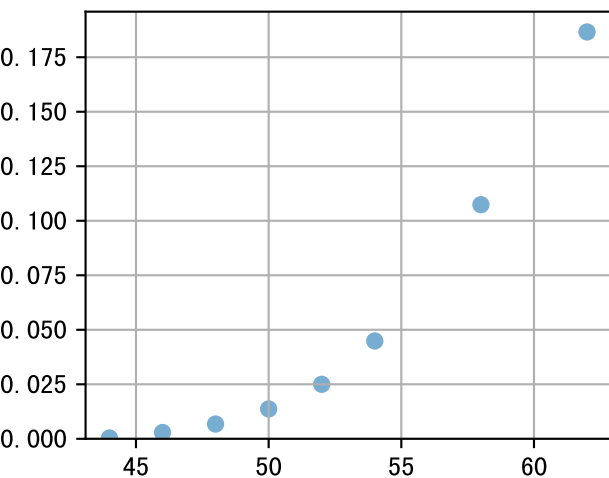
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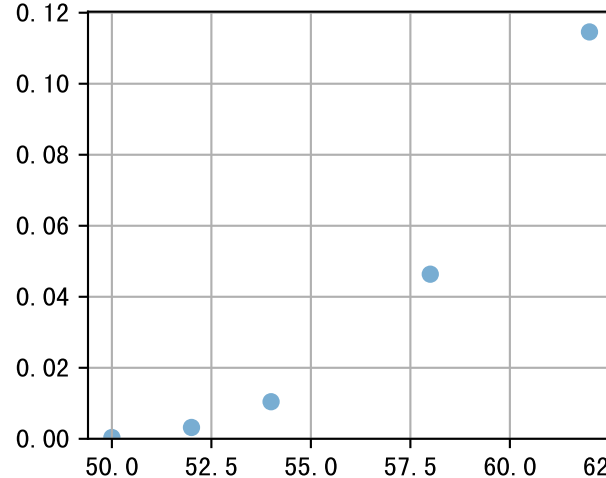
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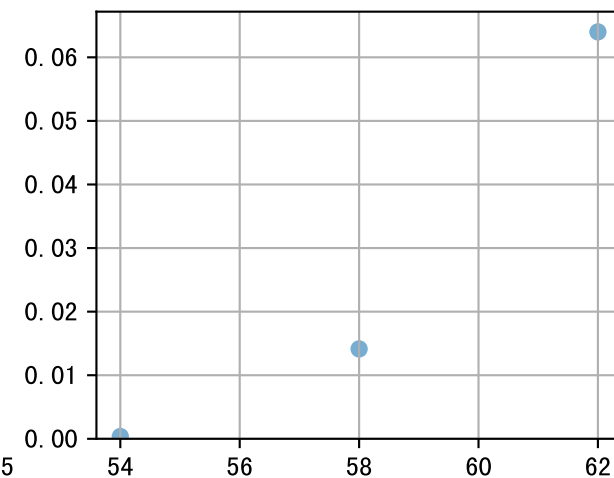
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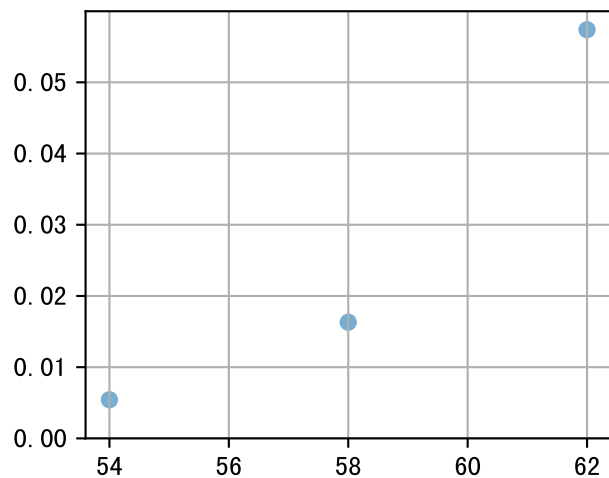
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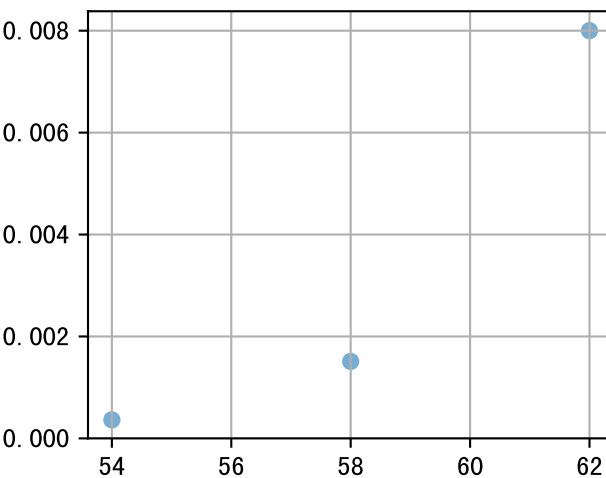
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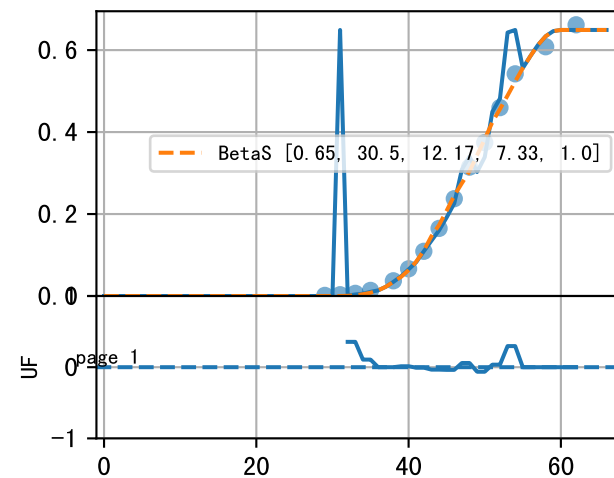
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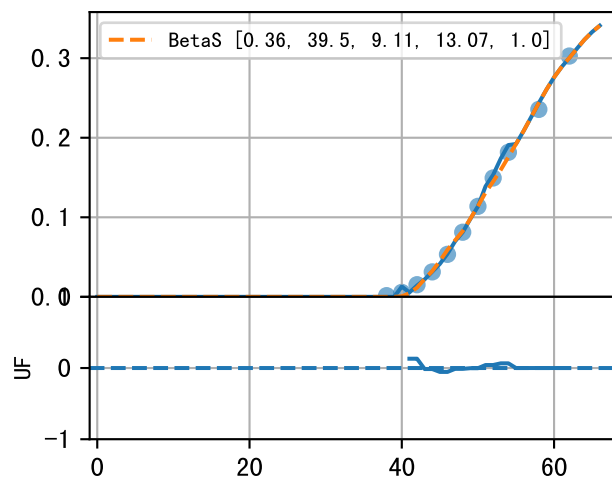
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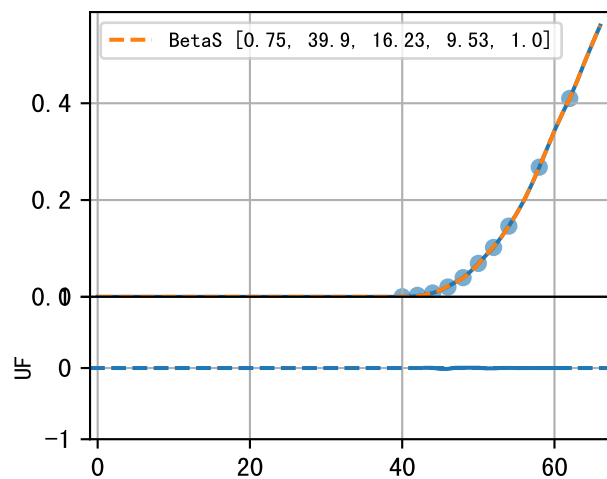
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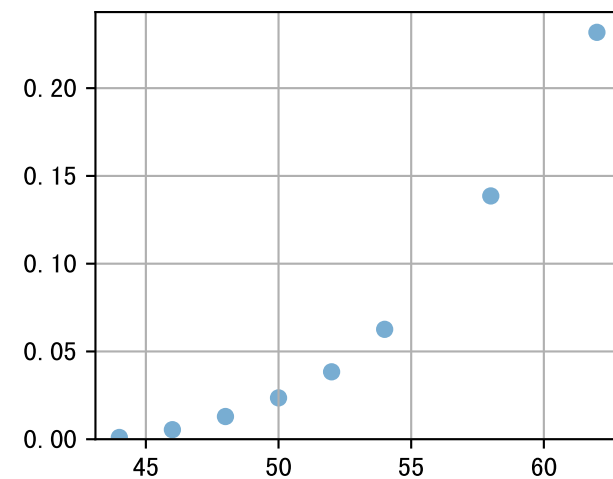
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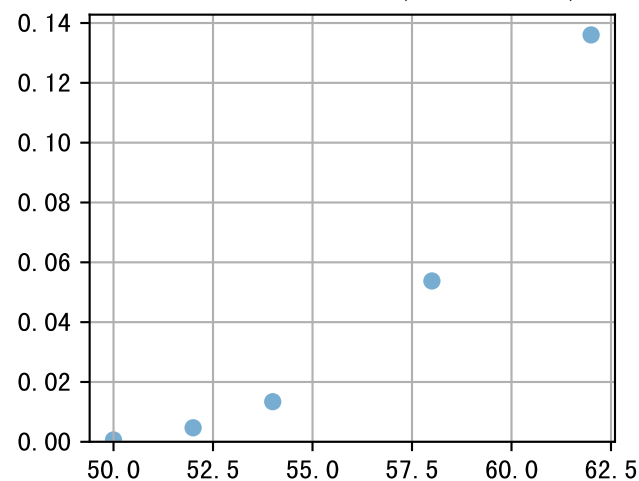
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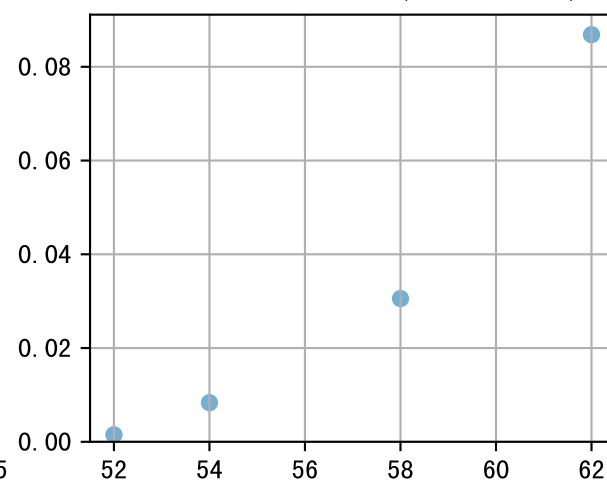
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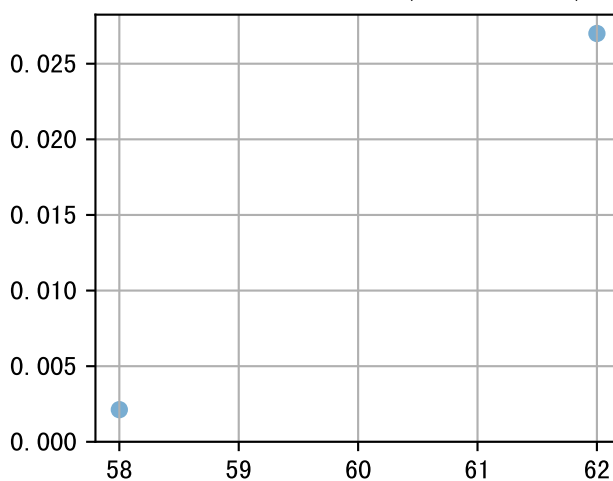
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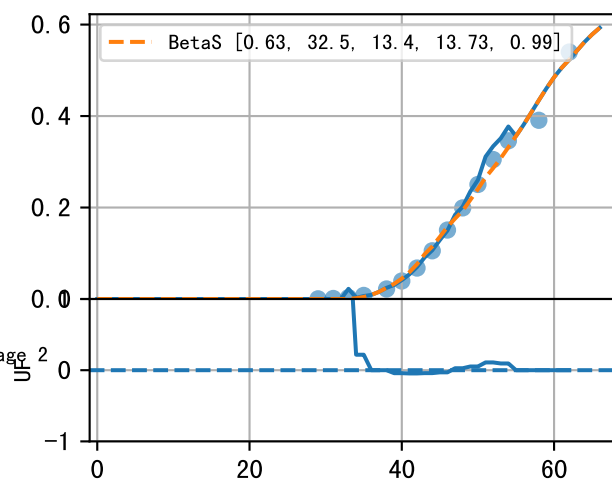
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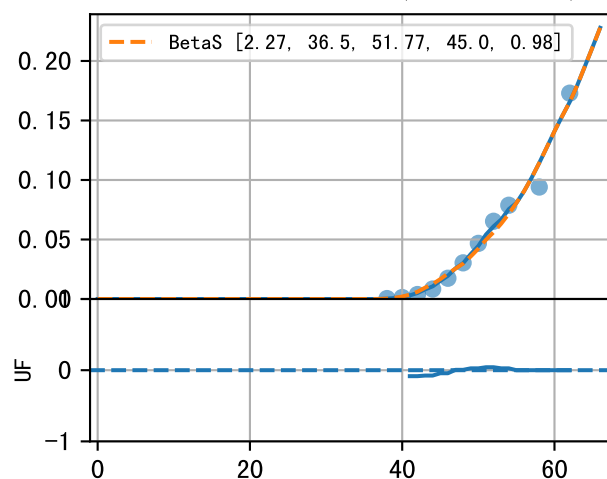
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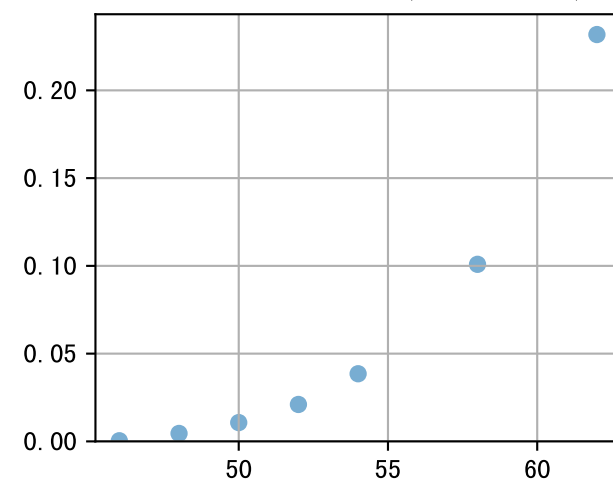
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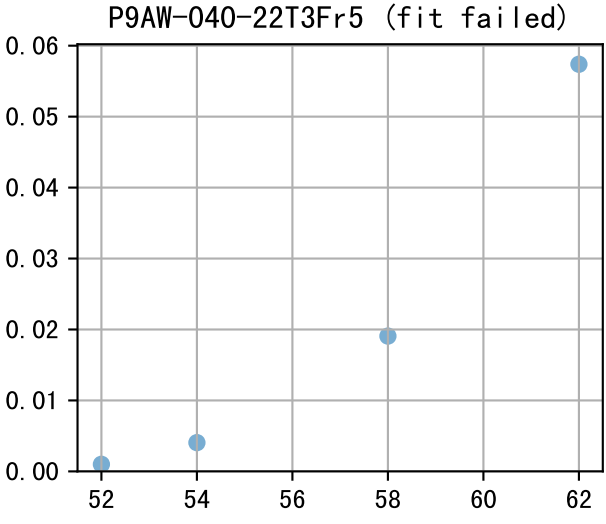
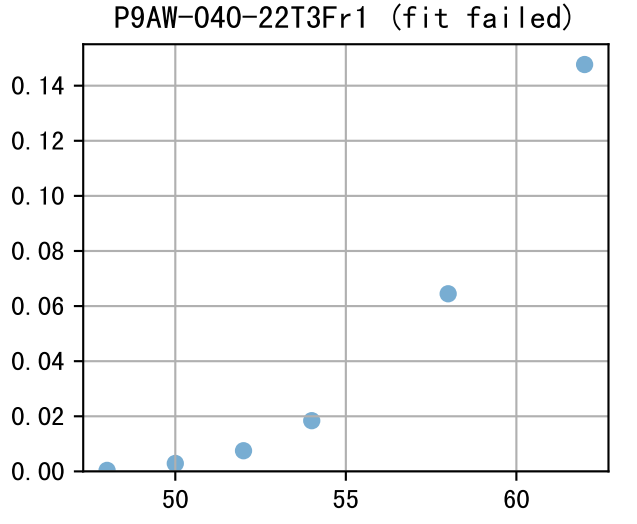
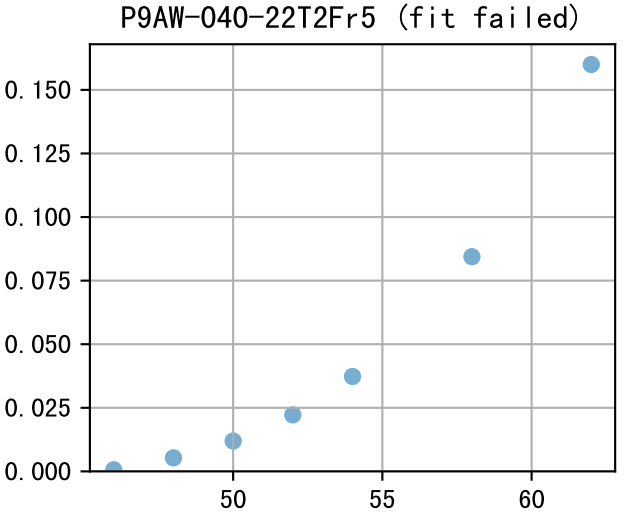
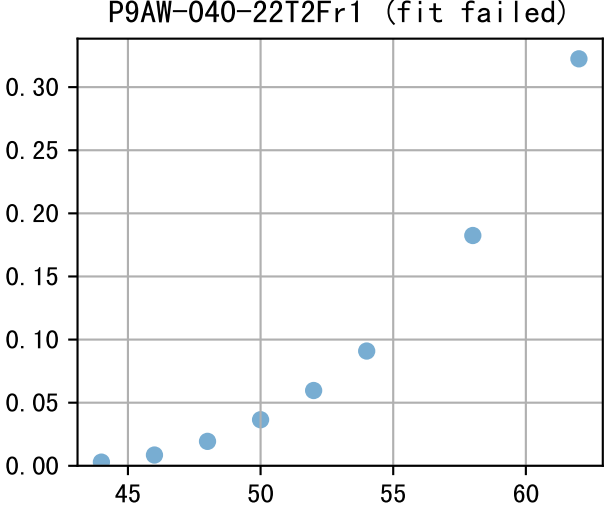
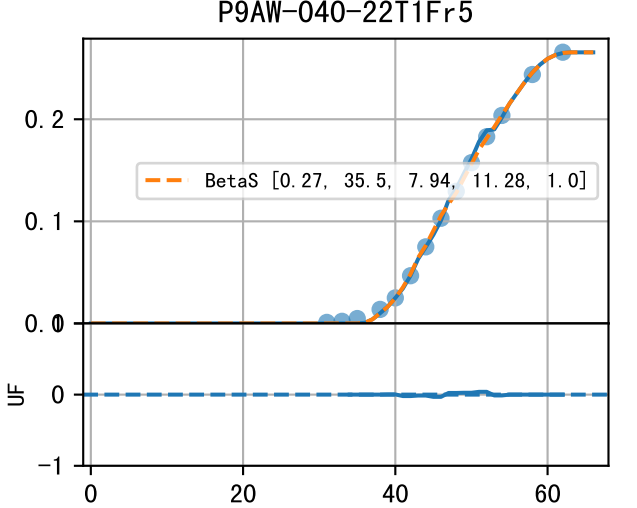
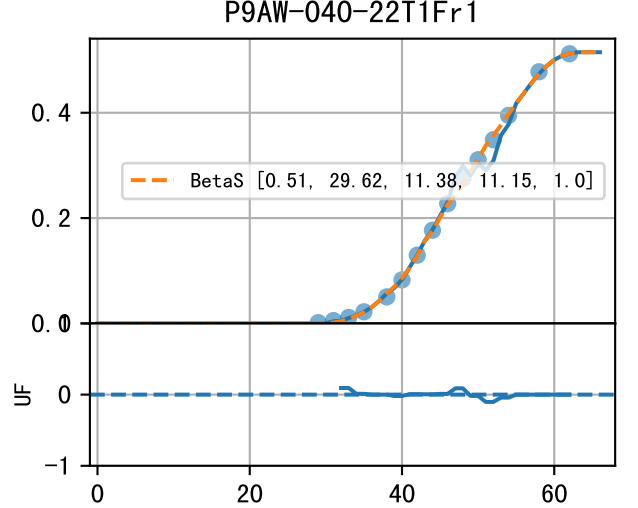
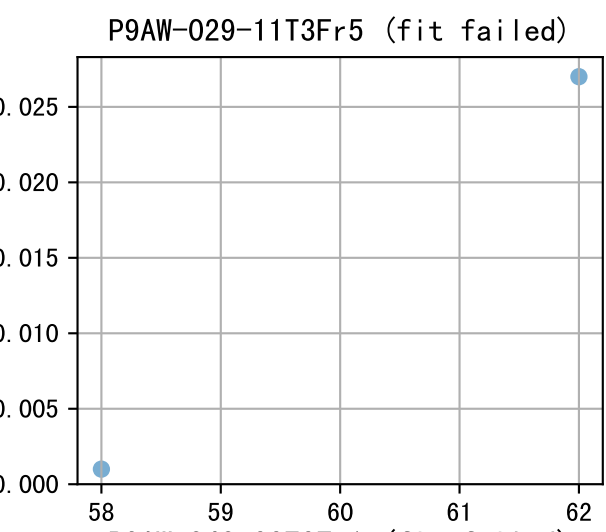
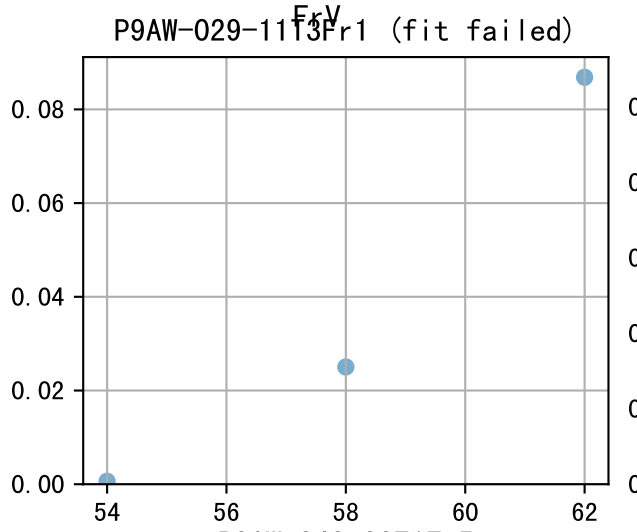
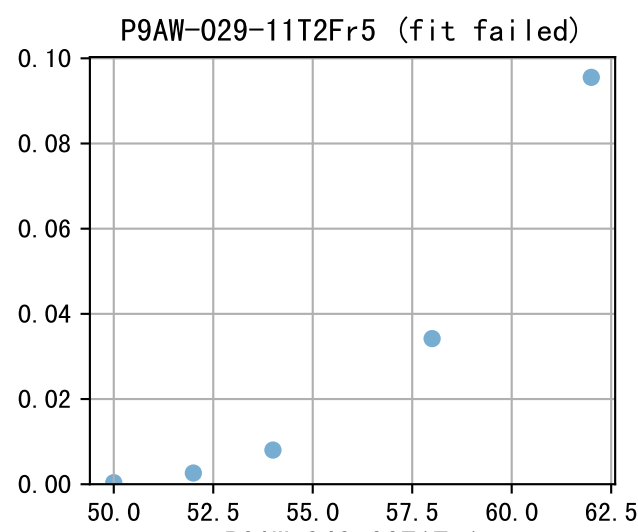


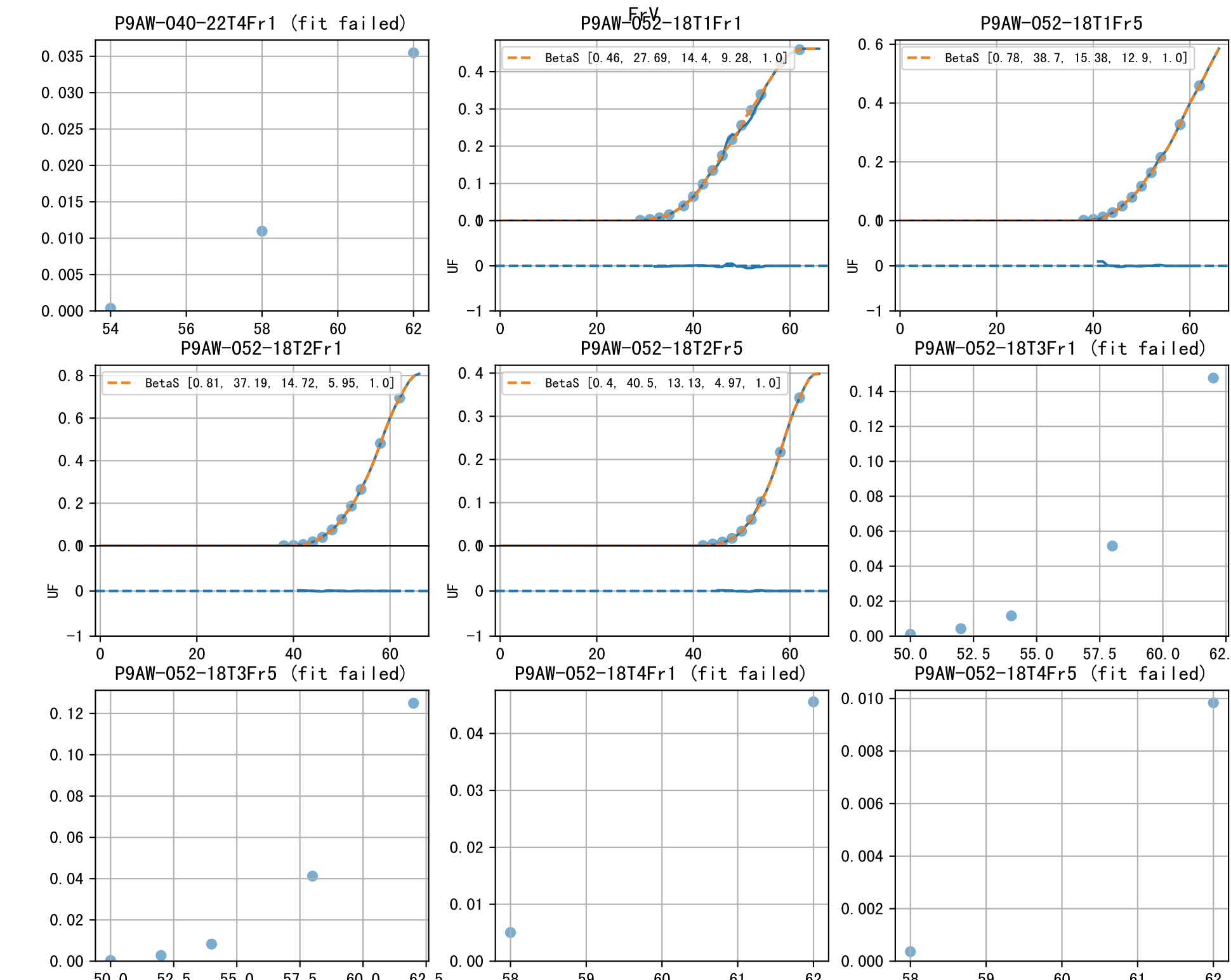
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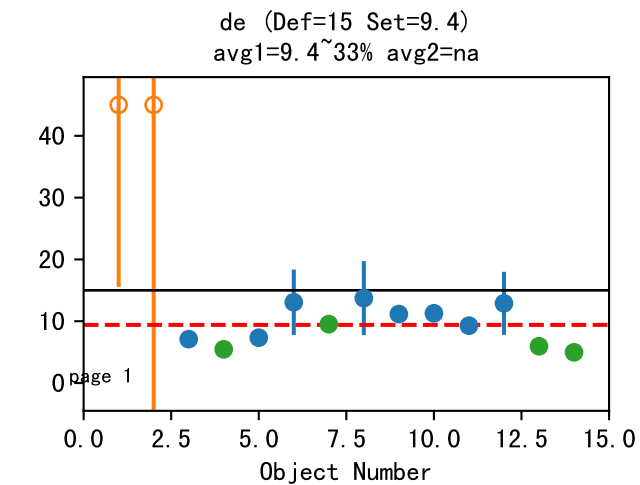
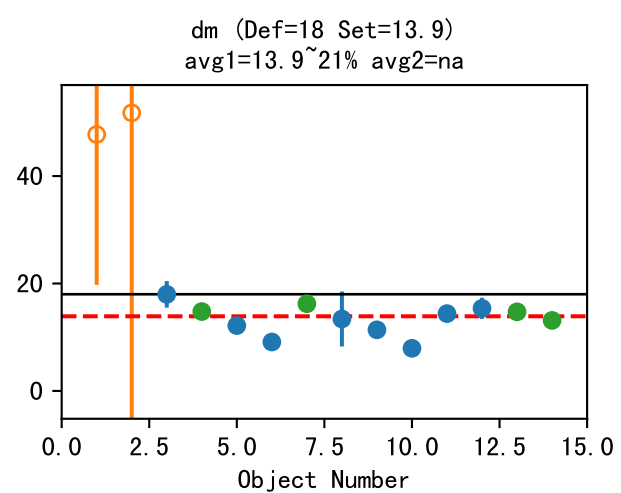
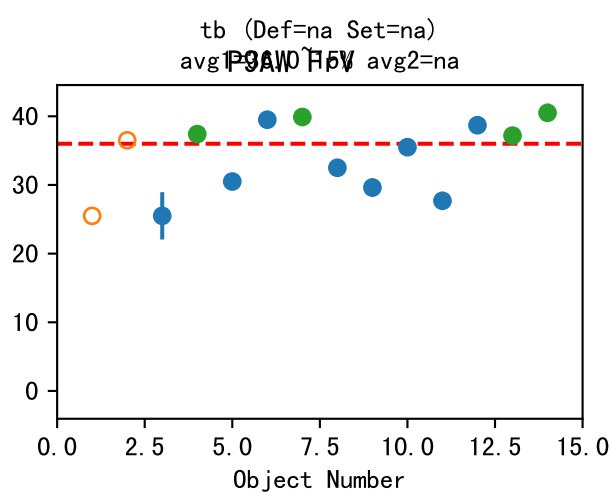
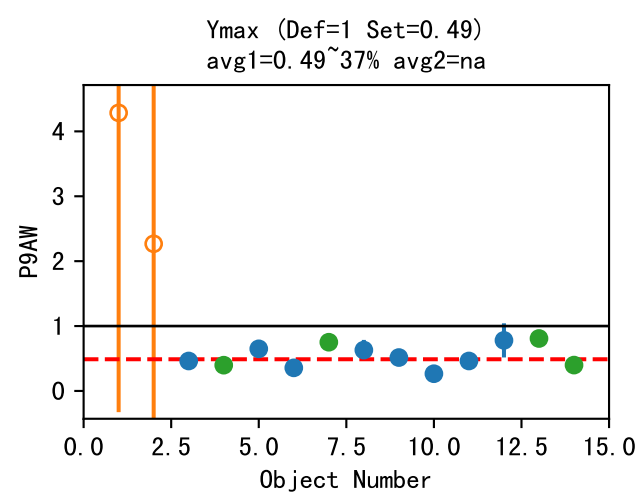


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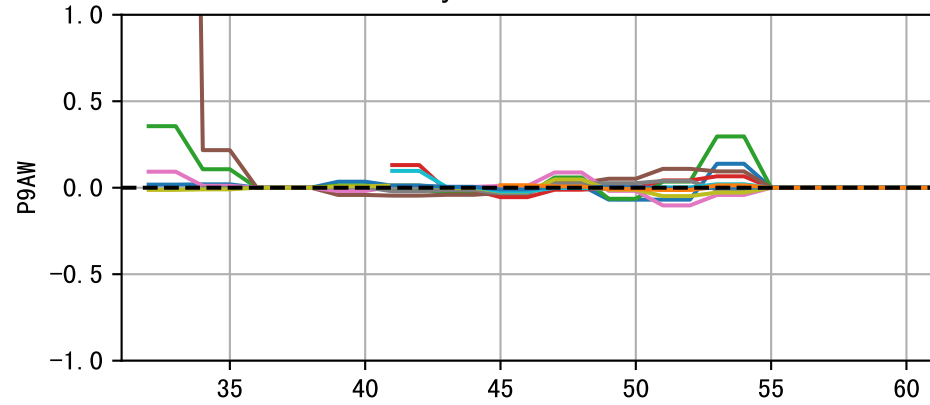




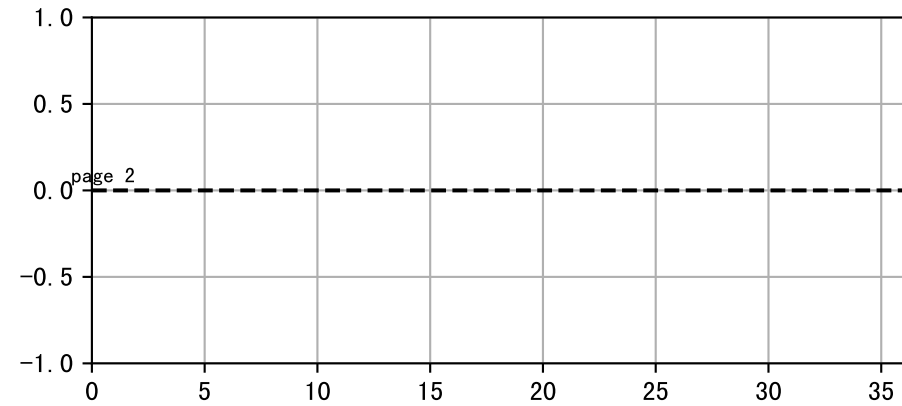
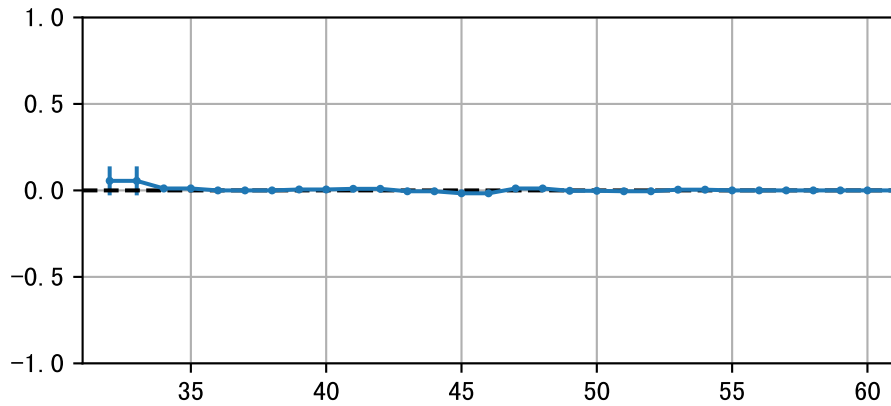
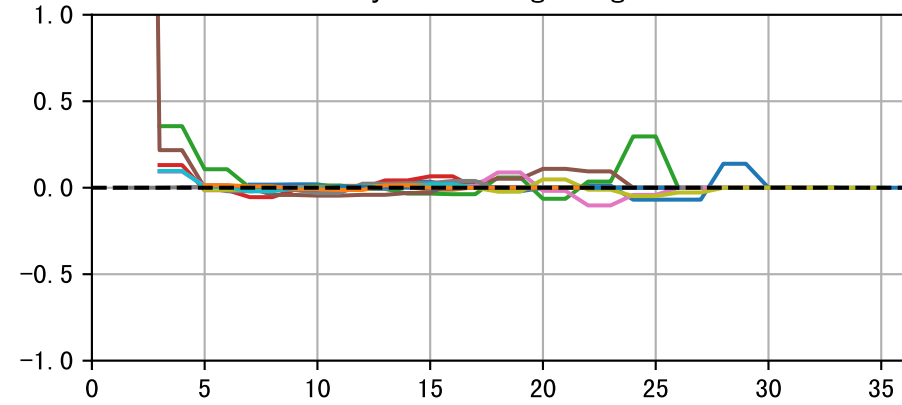




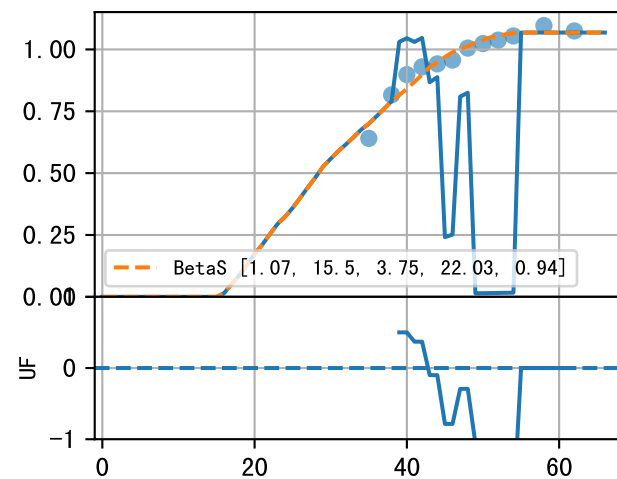
By Start Date



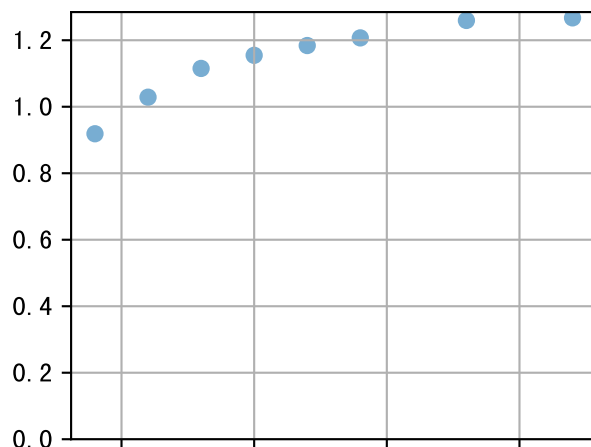
By Plant/Organ Age



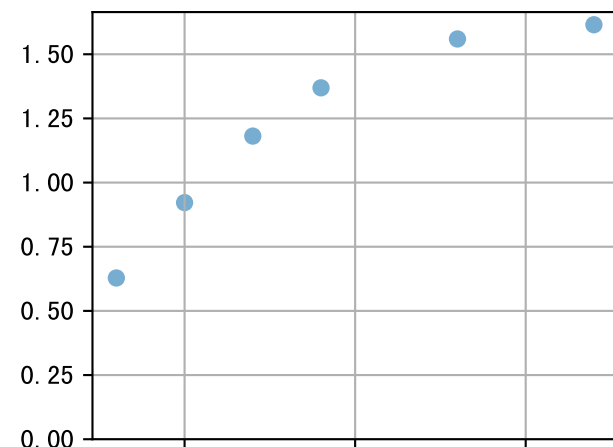
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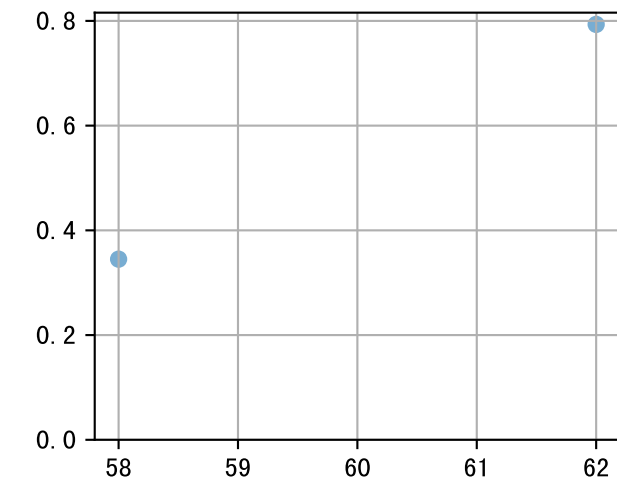
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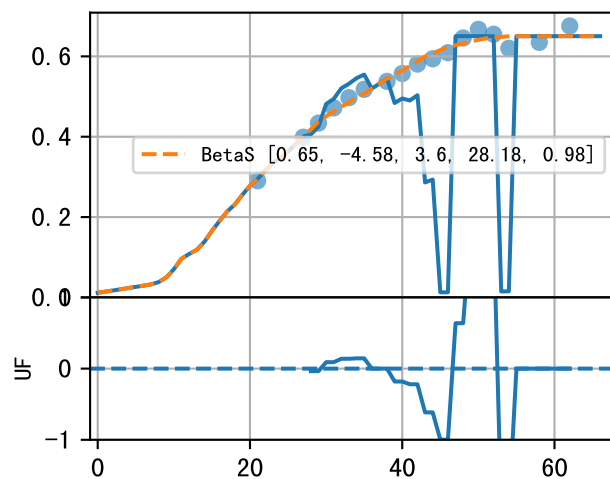
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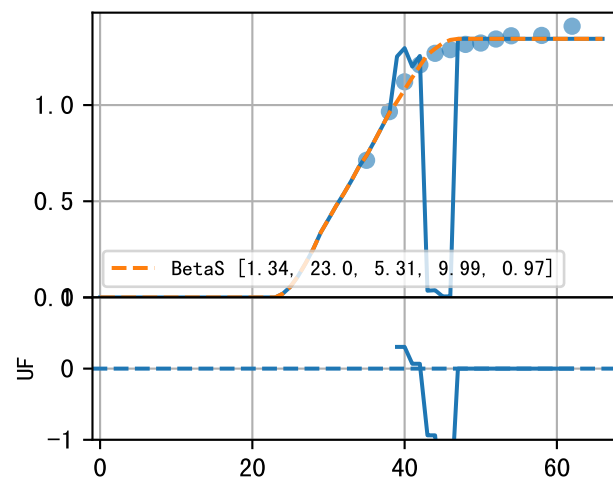
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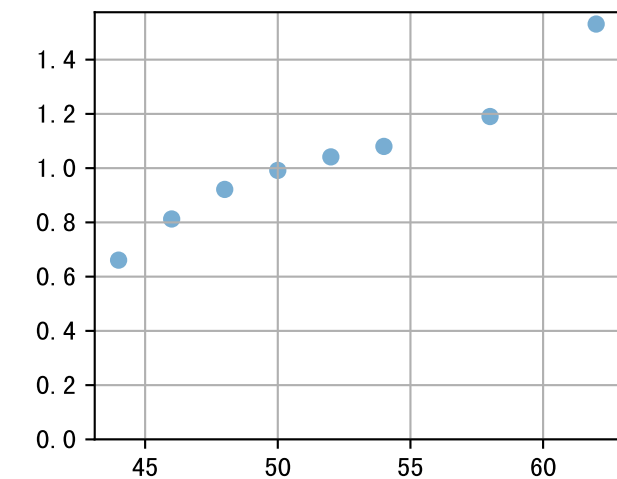
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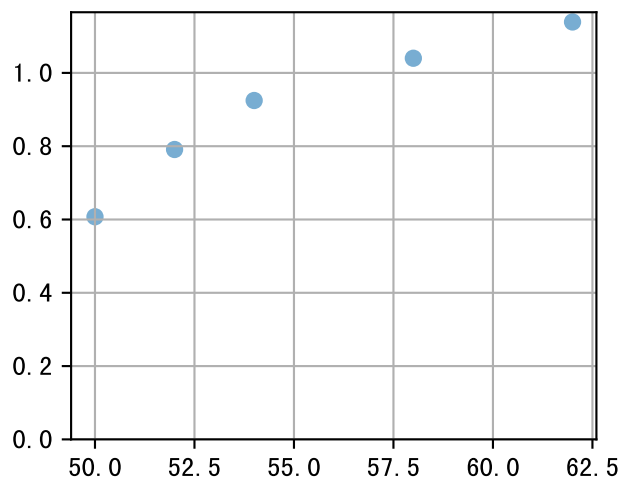
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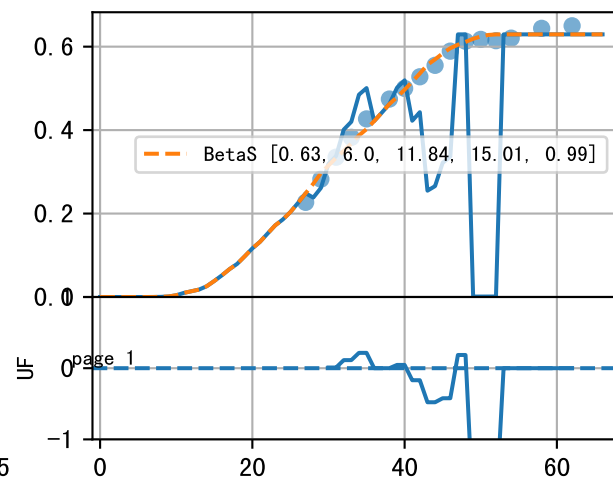
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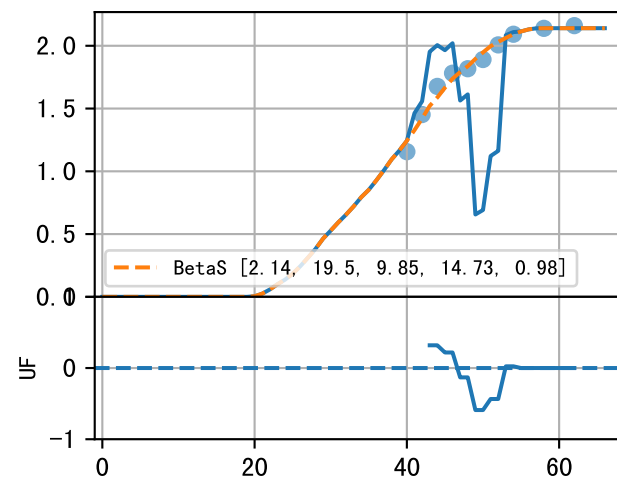
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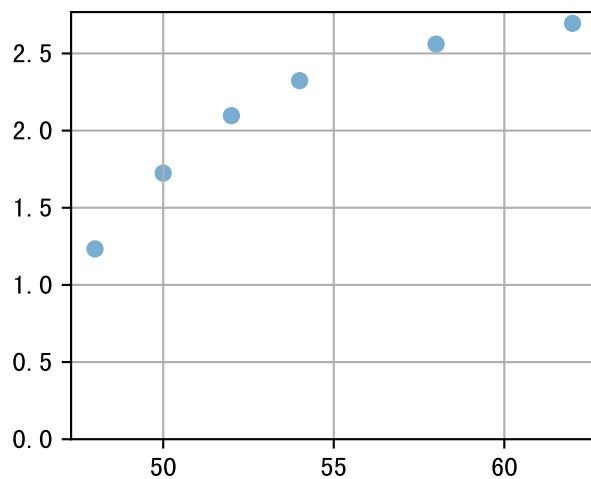
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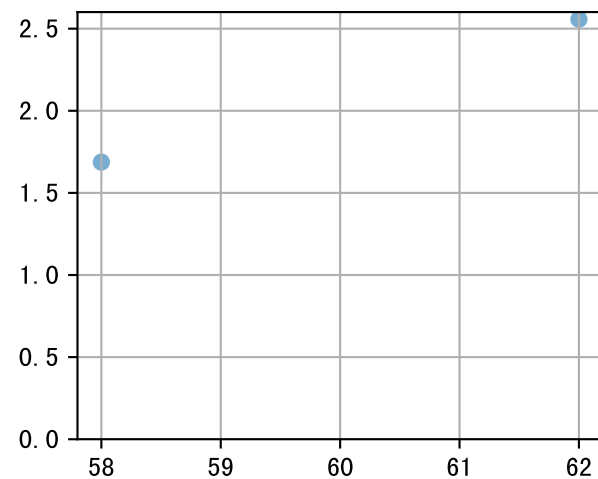
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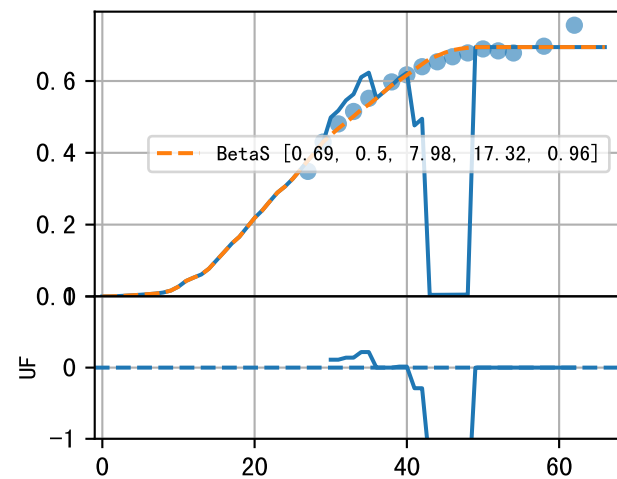
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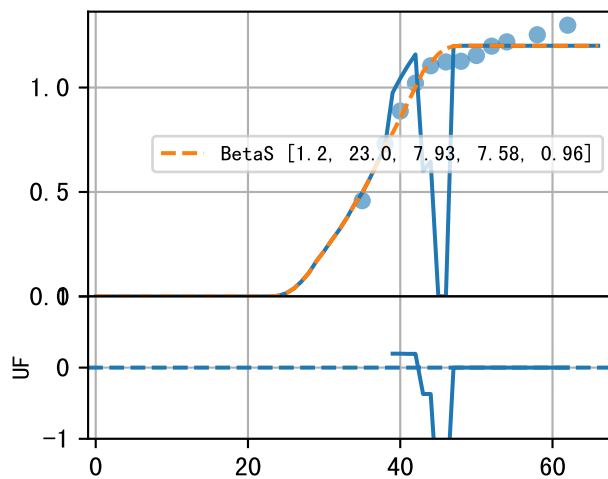
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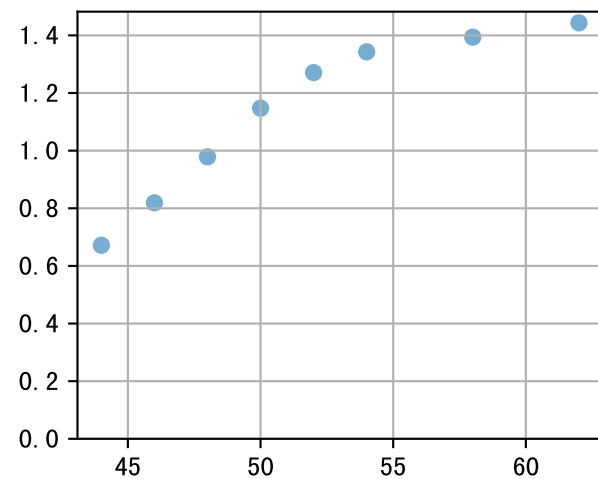
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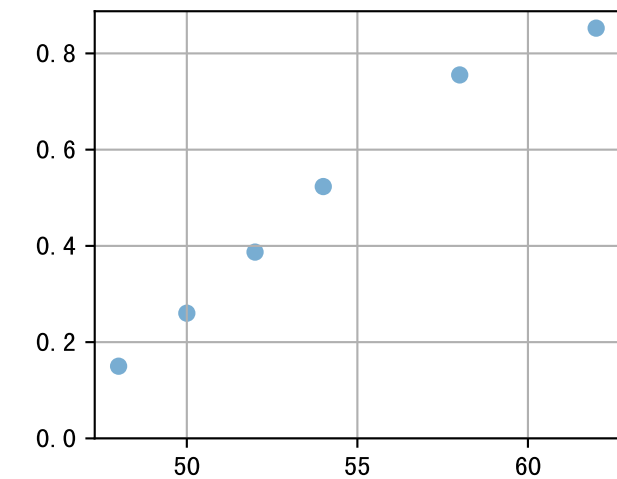
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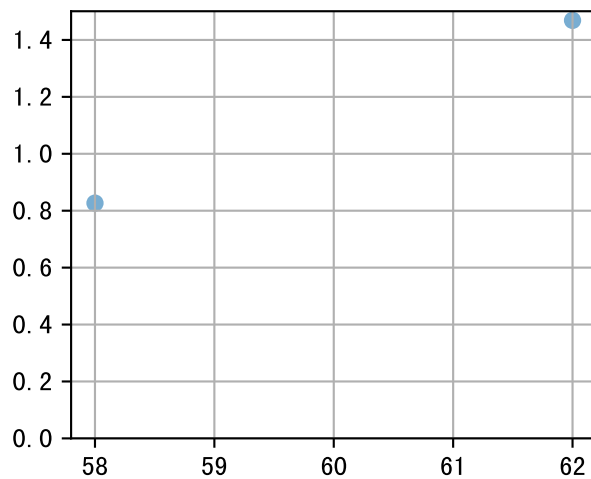
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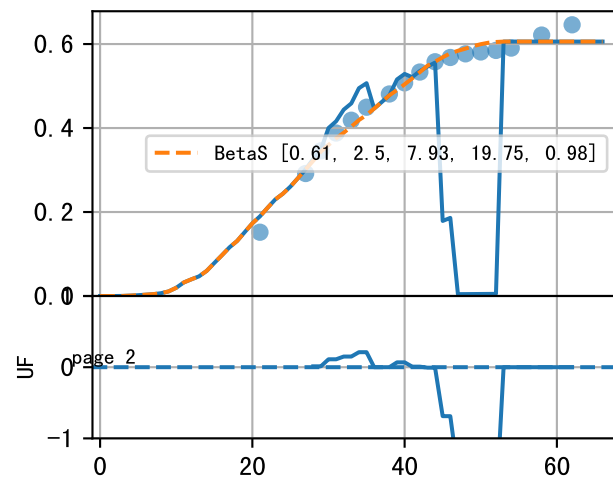
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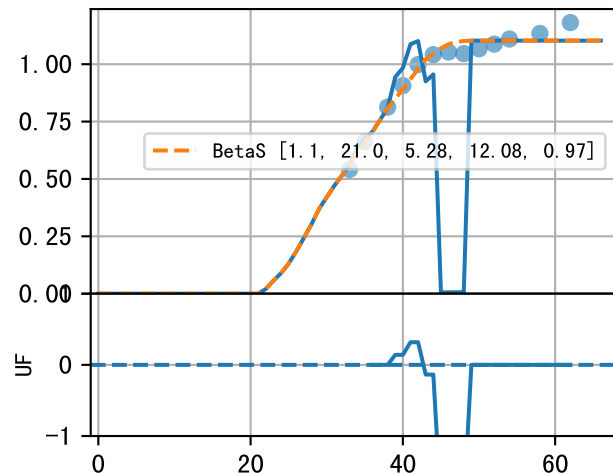
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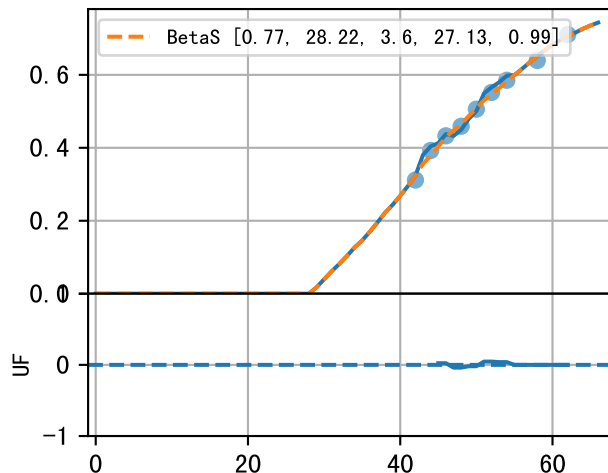
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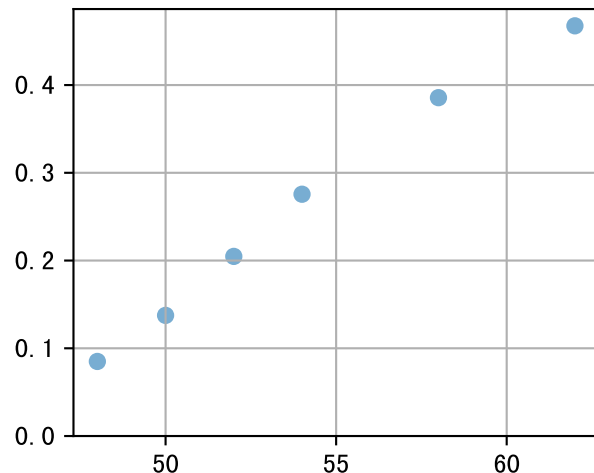
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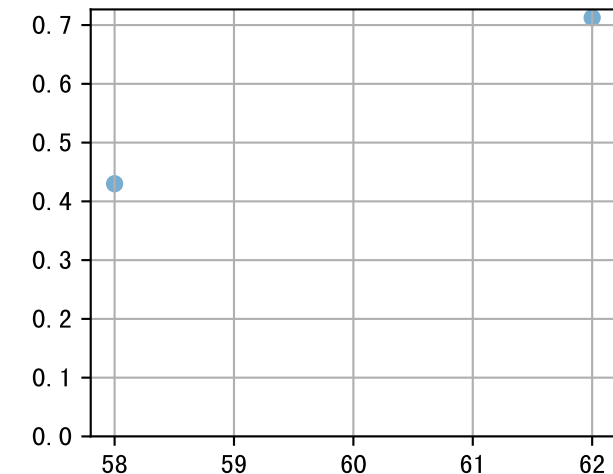
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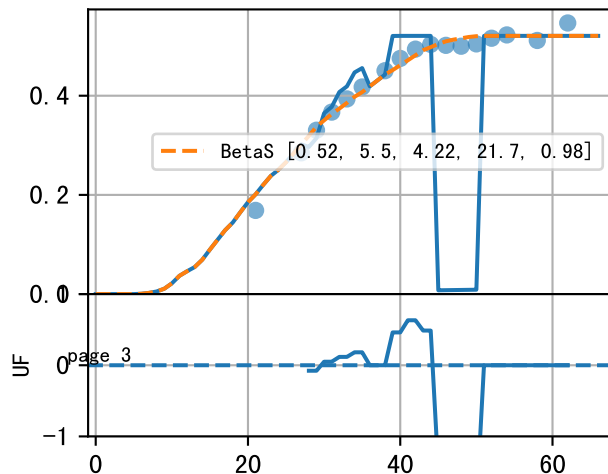
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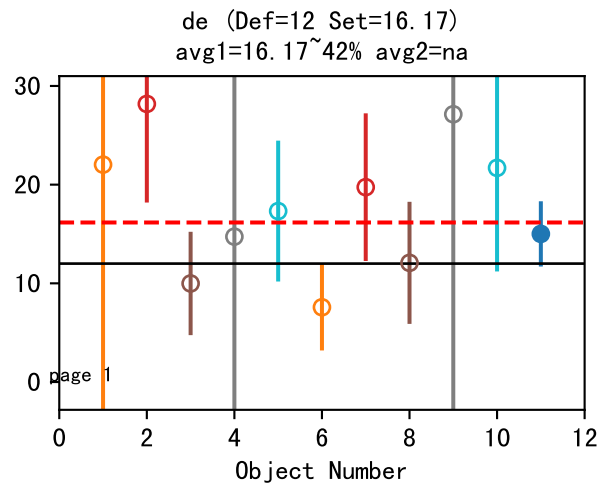
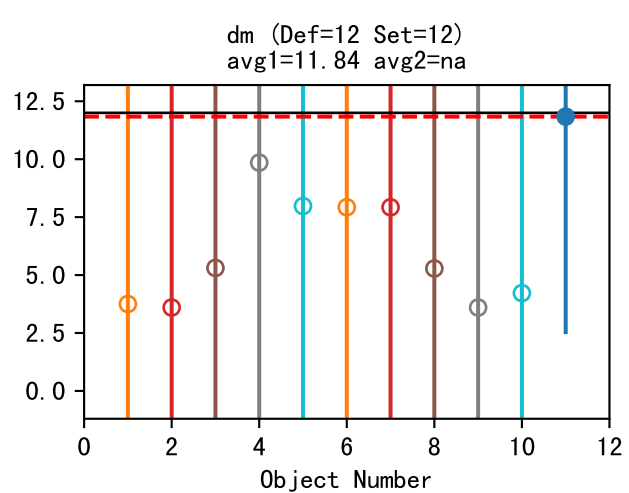
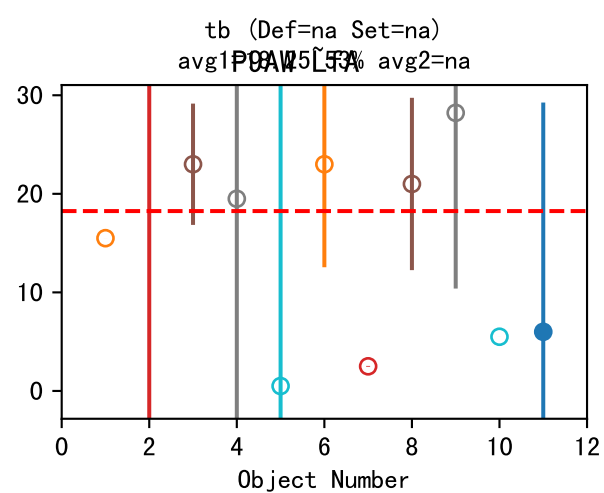
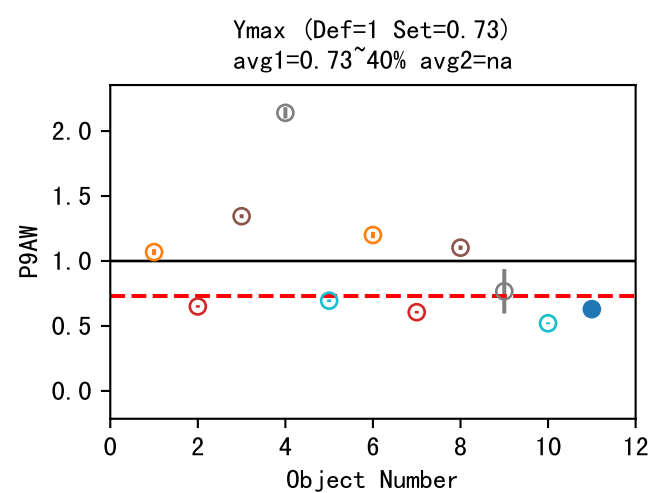


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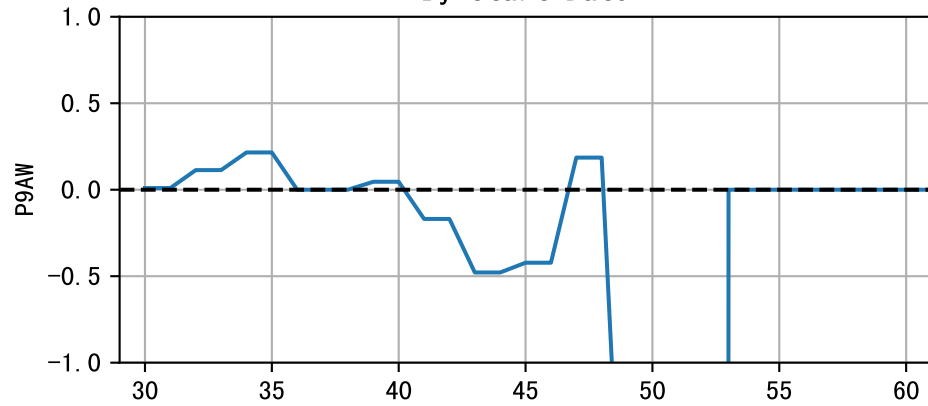


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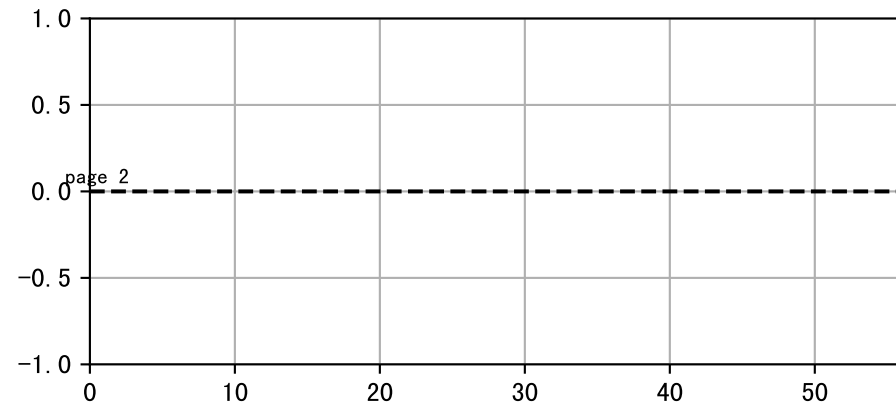
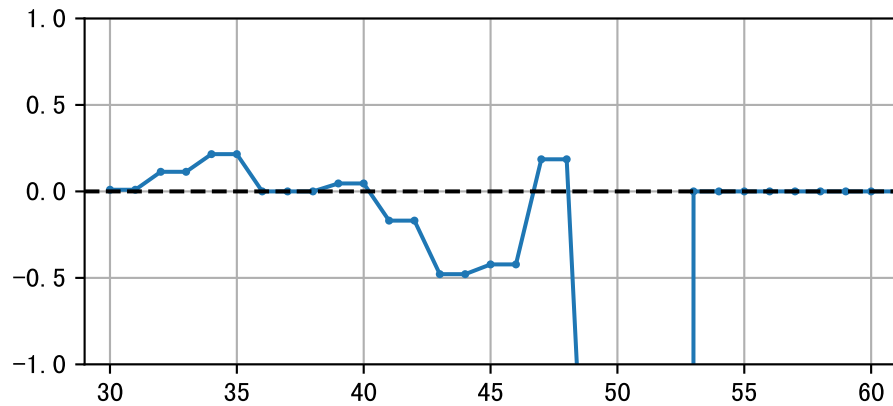
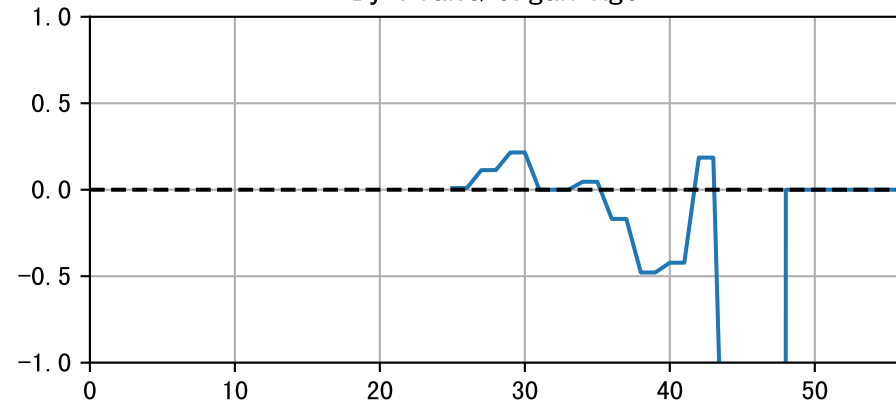


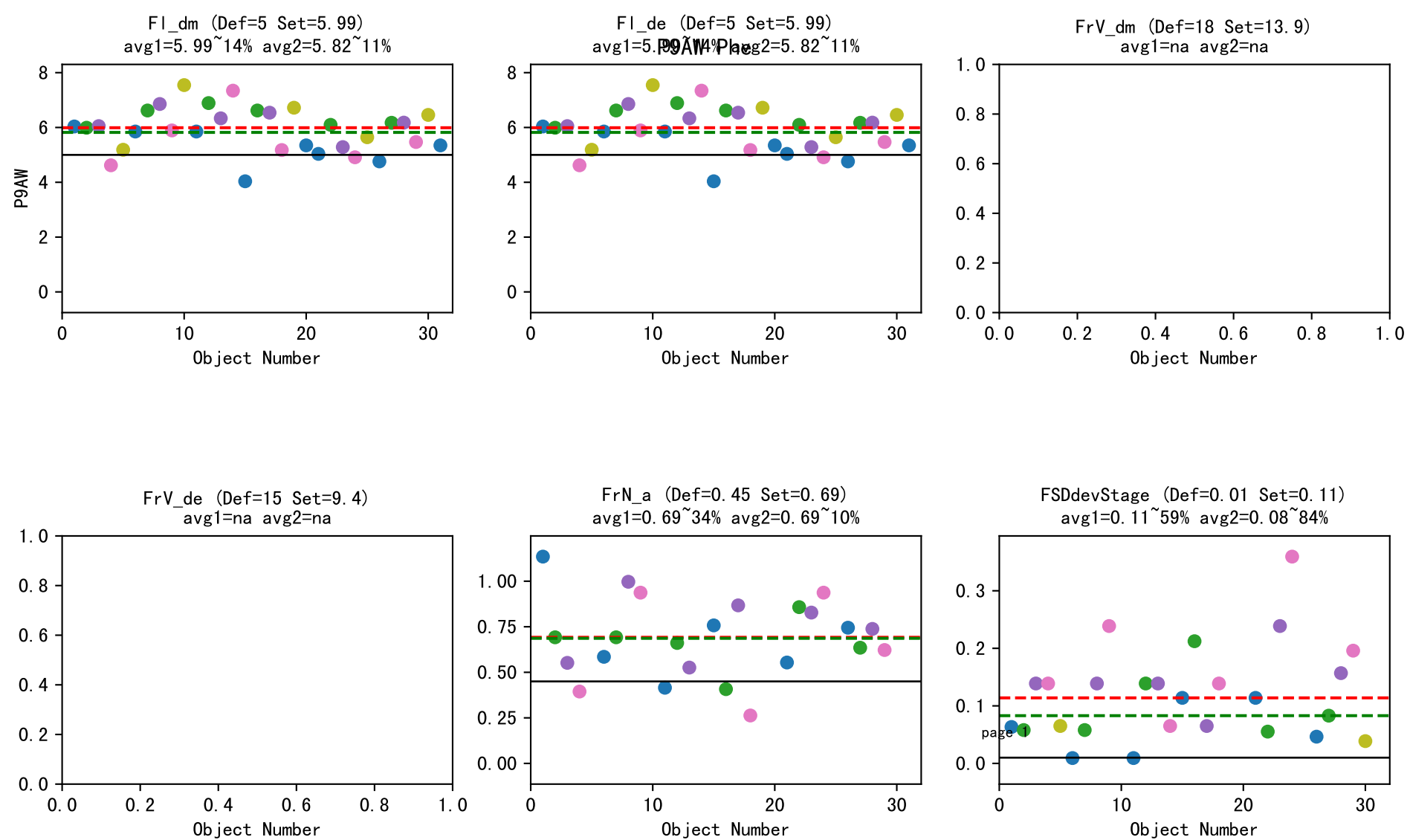


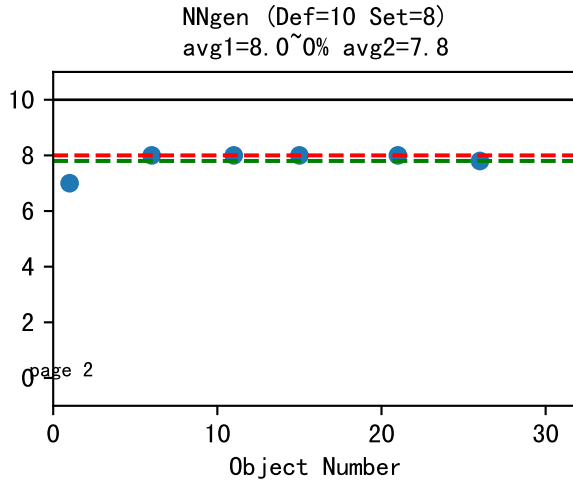
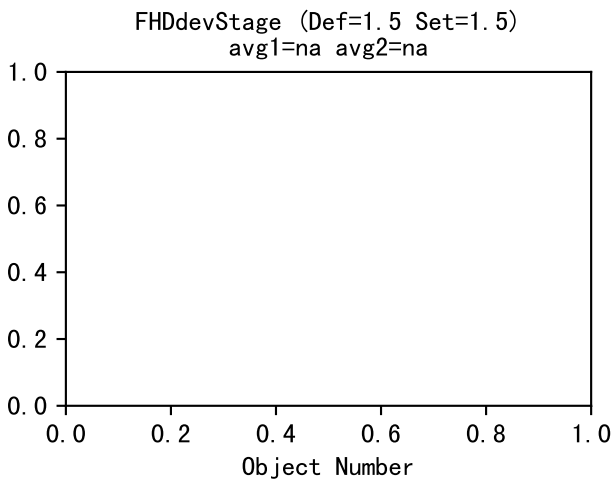
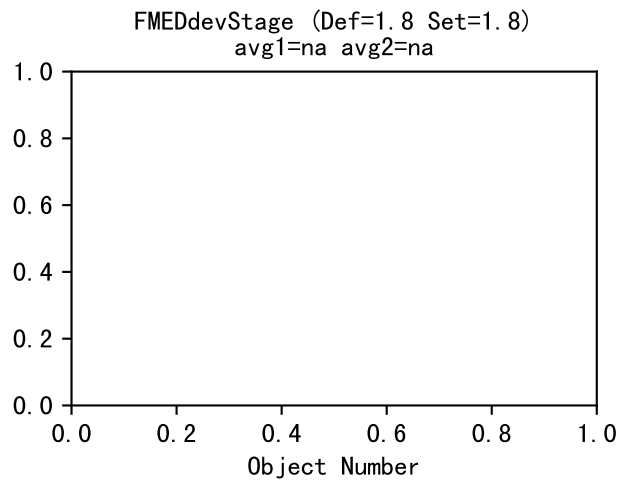
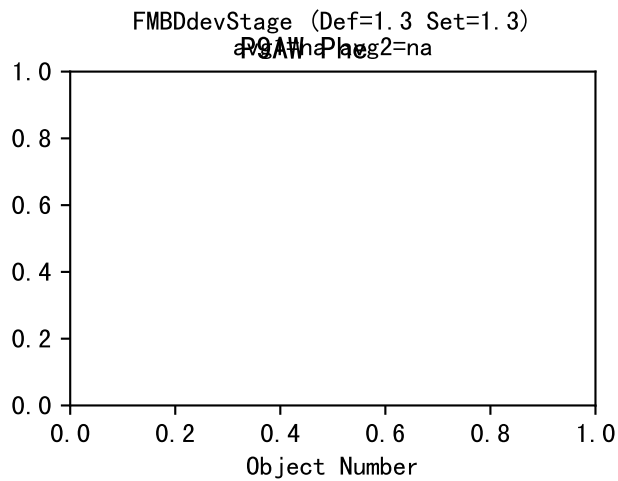
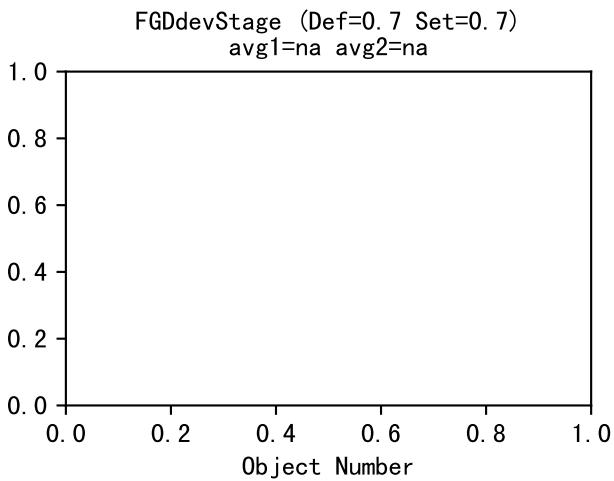
By Start Date



By Plant/Organ Age

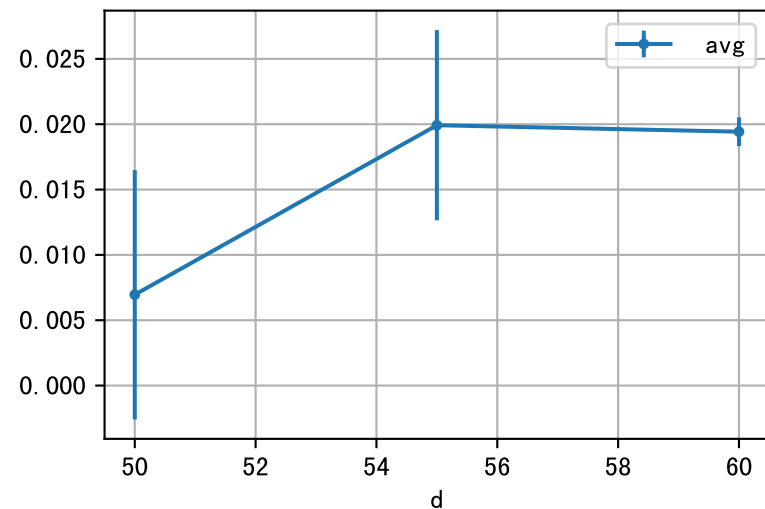




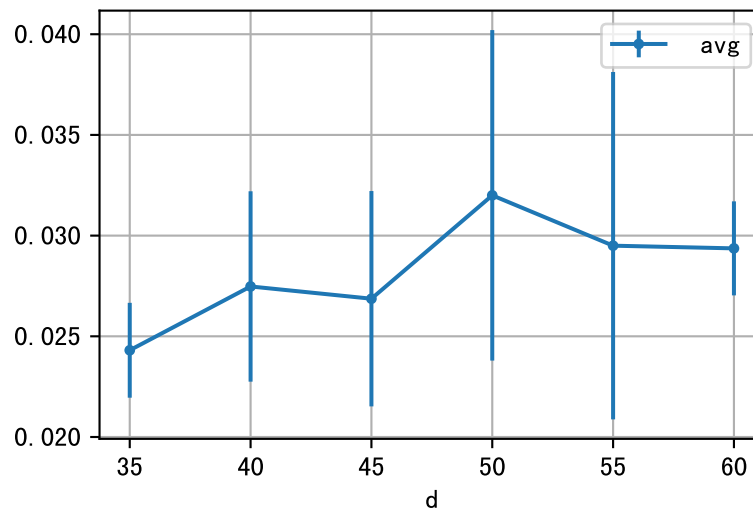


LfA: avg vs. d at each age group

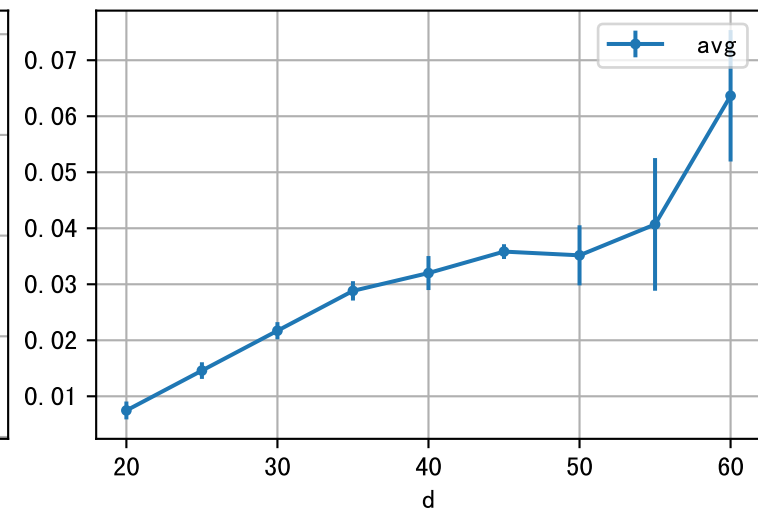
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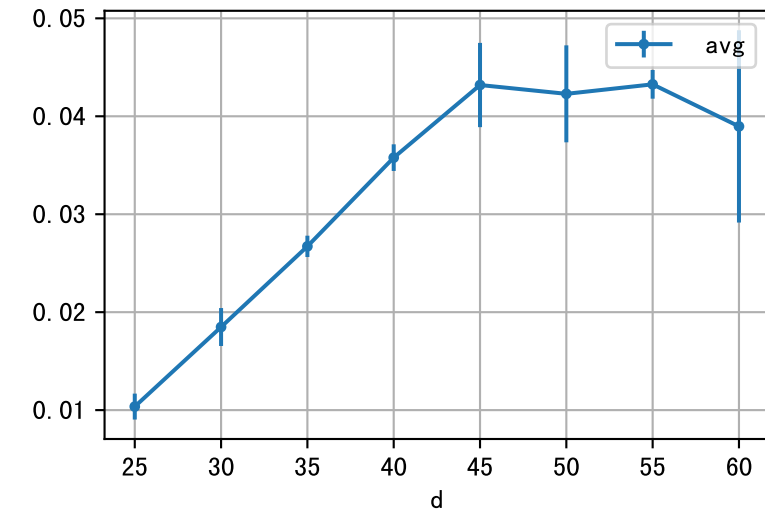
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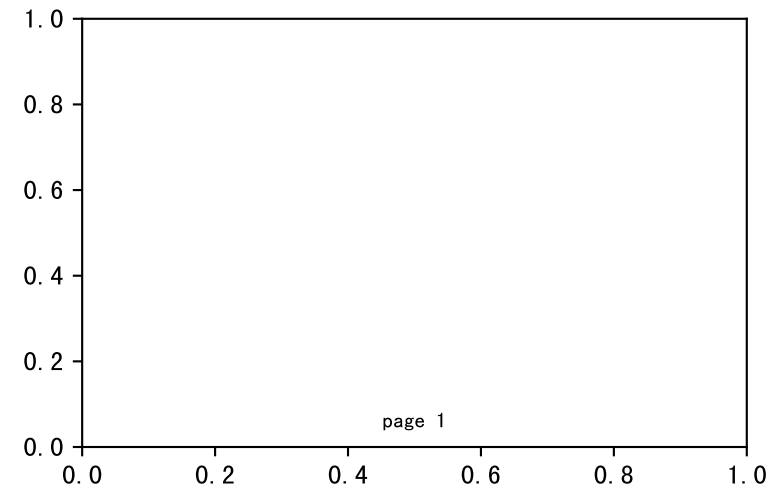
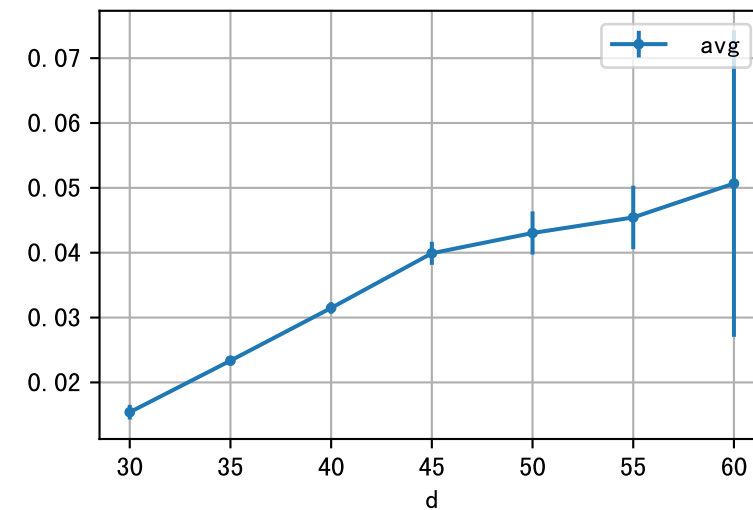
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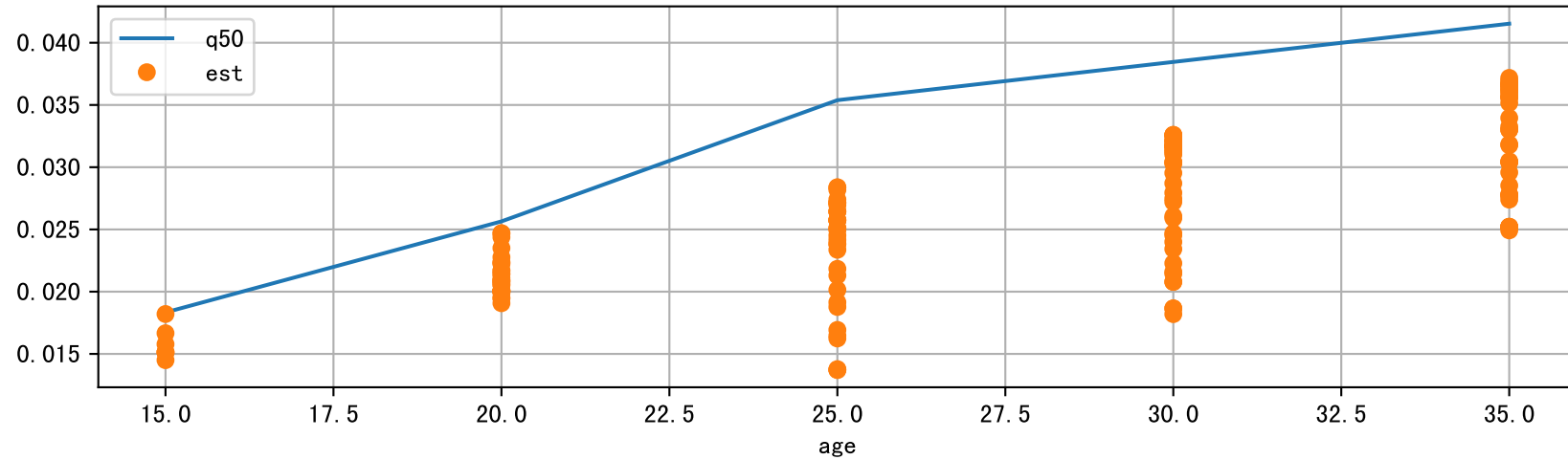


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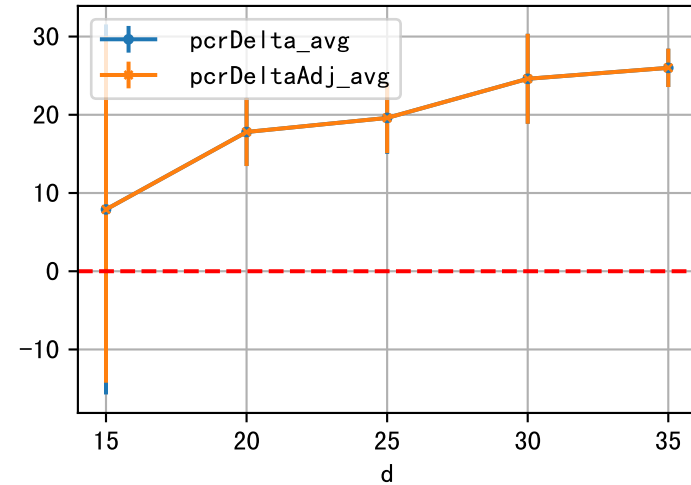


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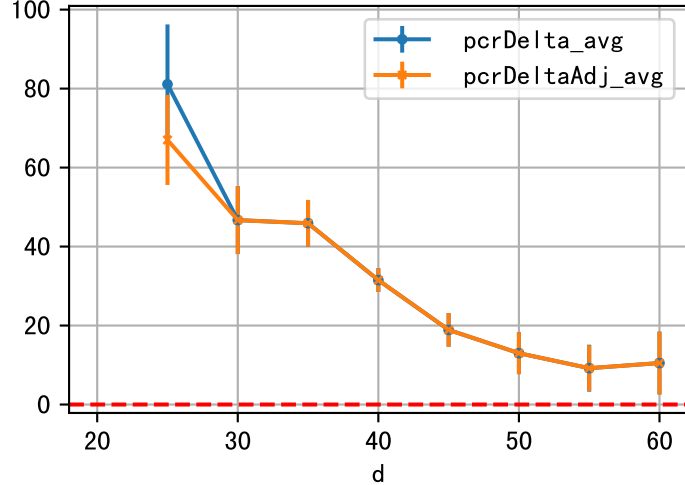




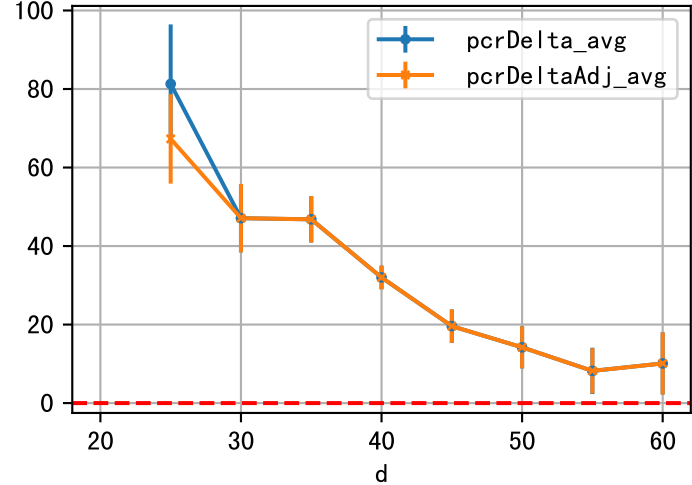
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DeltaTypeAbbr=GrpByDay

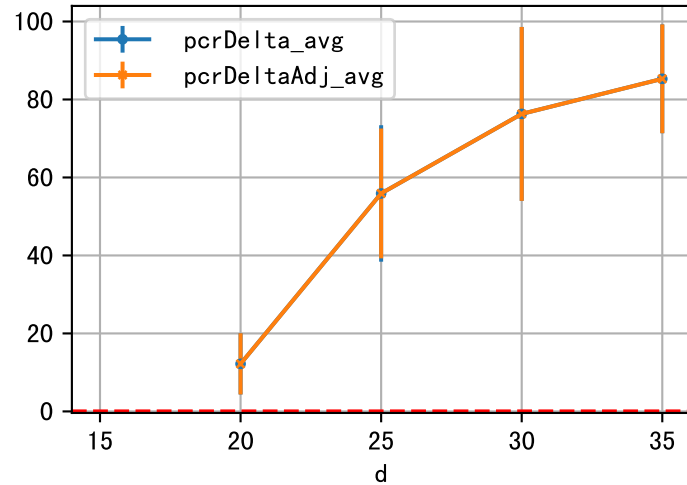


DeltaTypeAbbr=Wei AvgByD

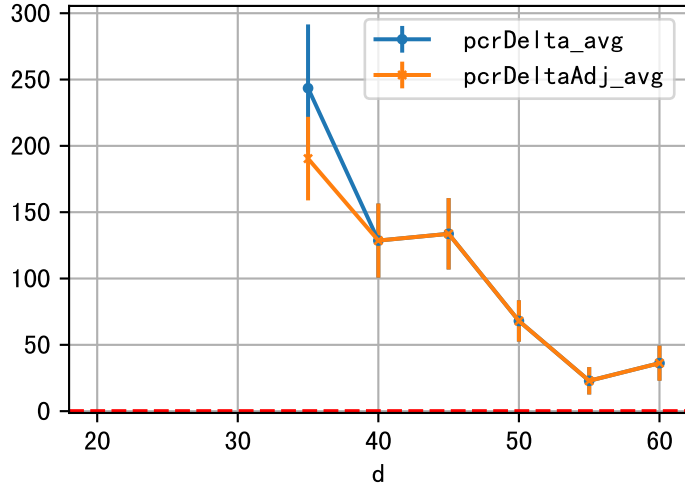


P9AW LfA: D_15d_LfA

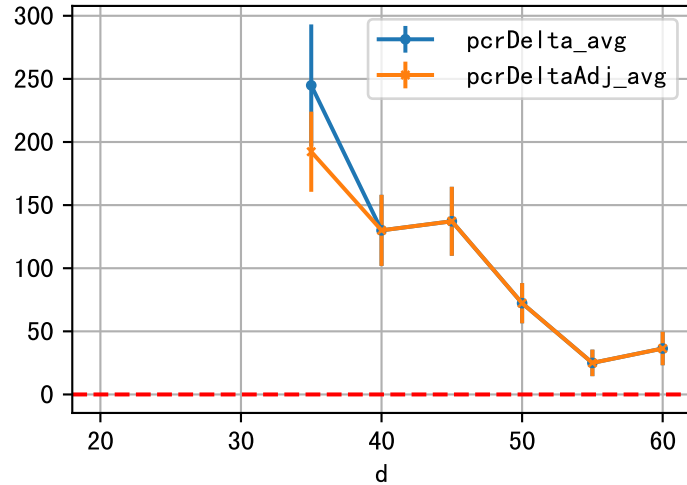
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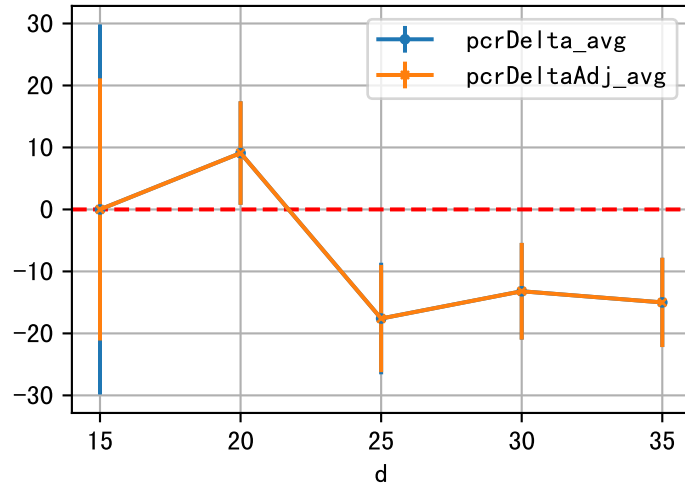
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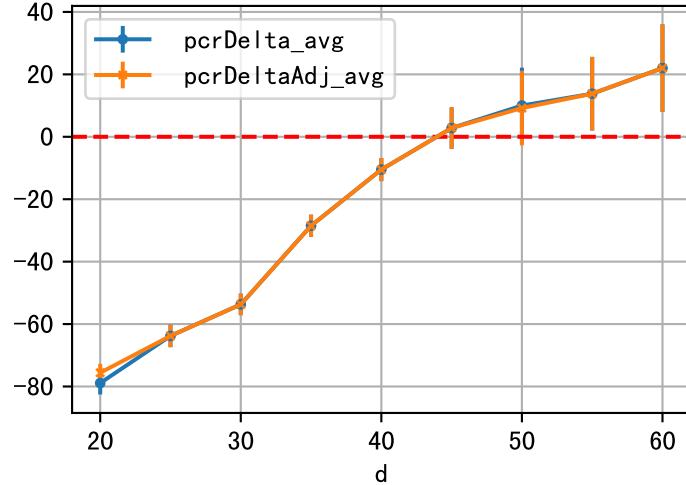
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DeltaTypeAbbr=GrpByAge

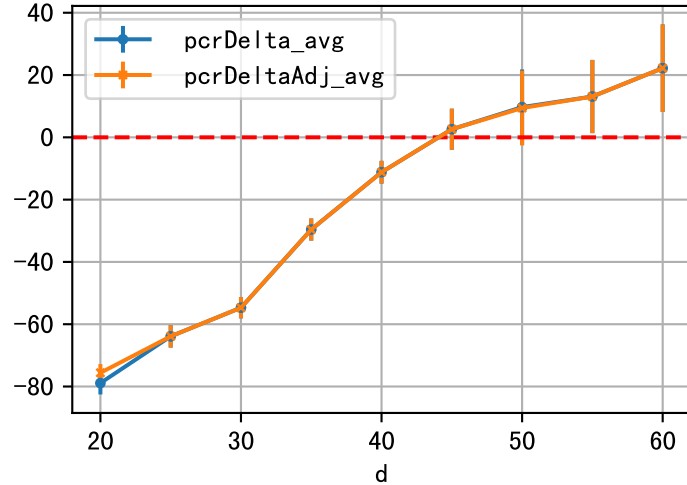


DeltaTypeAbbr=GrpByDay



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DeltaTypeAbbr=Wei AvgByD

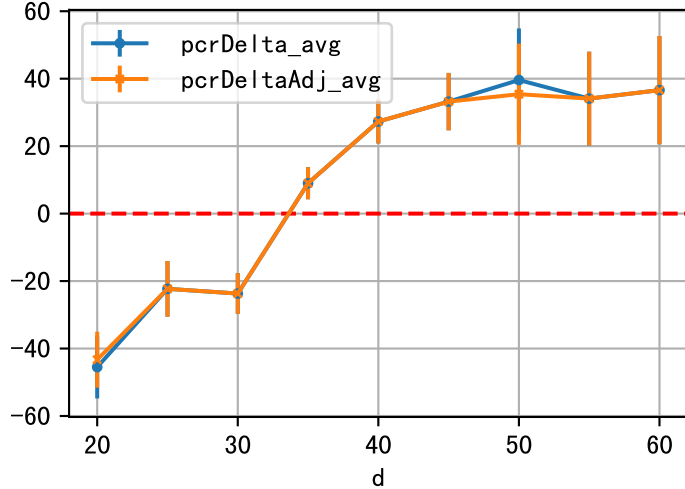
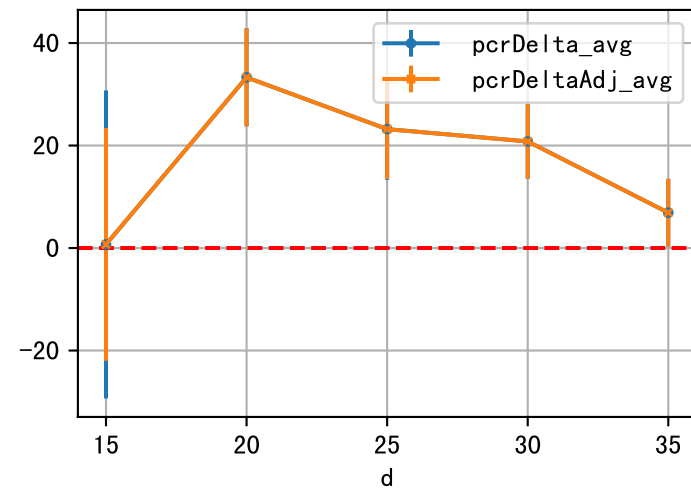


P9AW LfA: D_Est_LfA

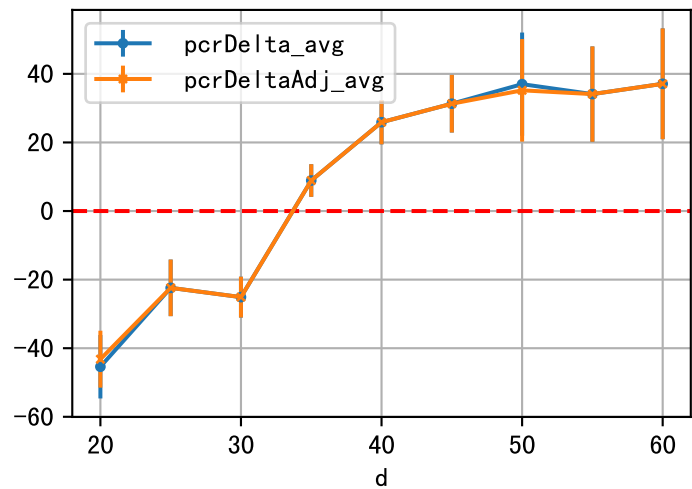
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DeltaTypeAbbr=GrpByDay

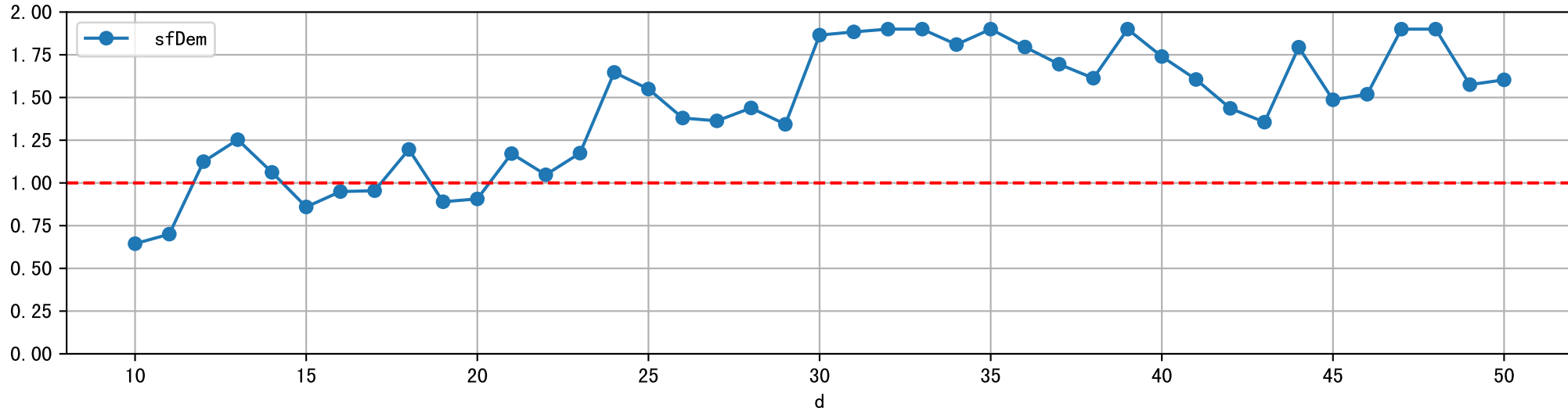
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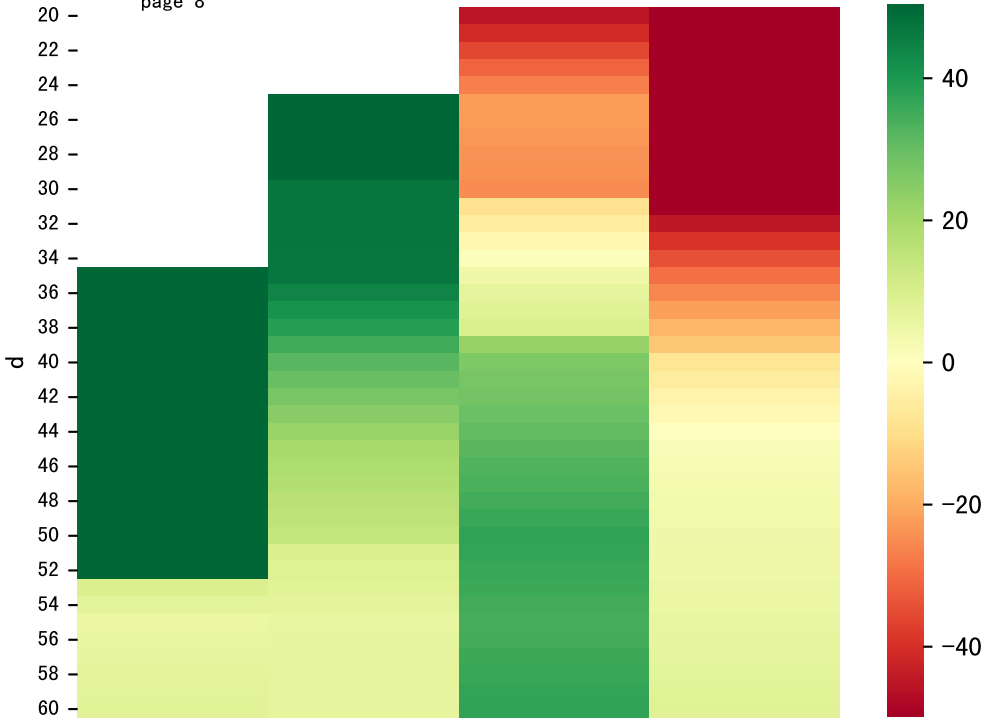


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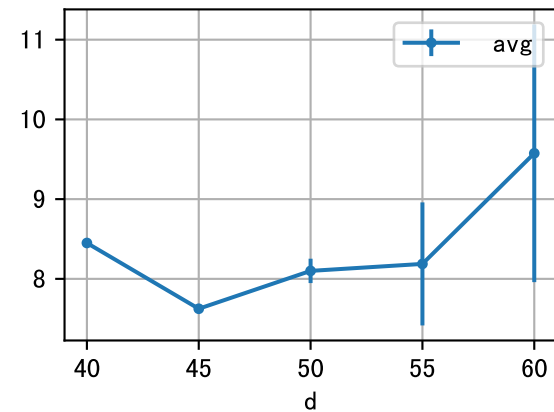
LfA: sfDem



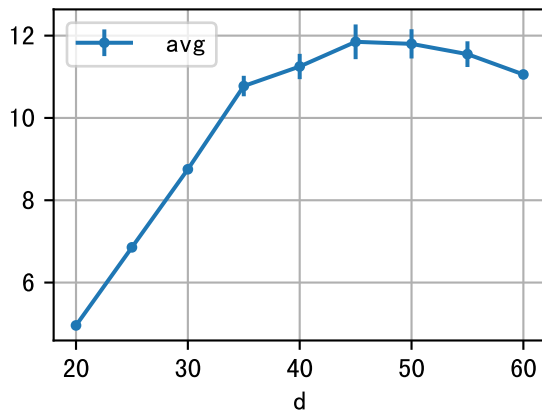


NdD: avg vs. d at each age group

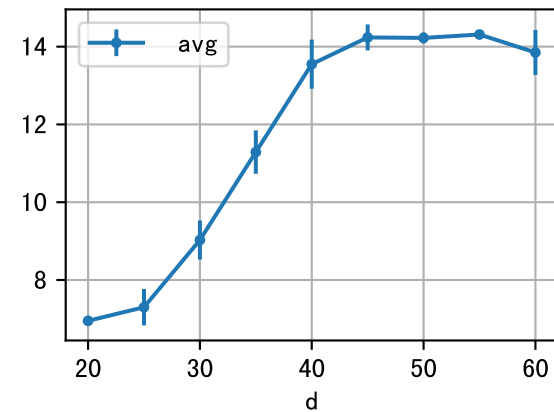
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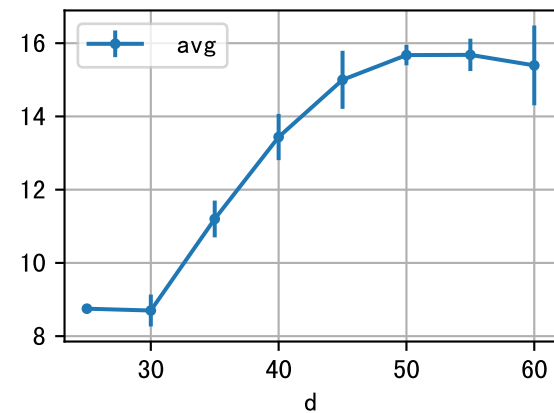
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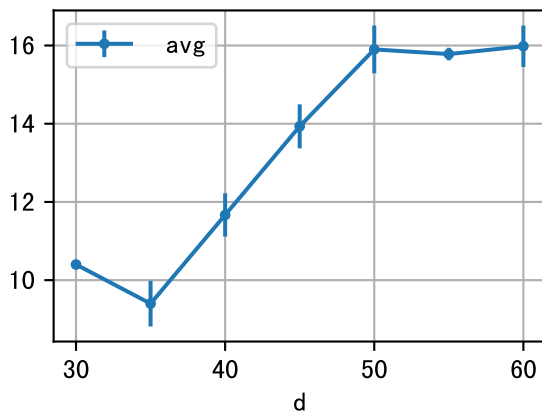
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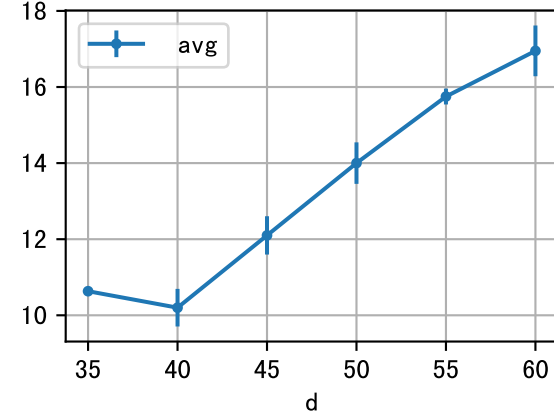
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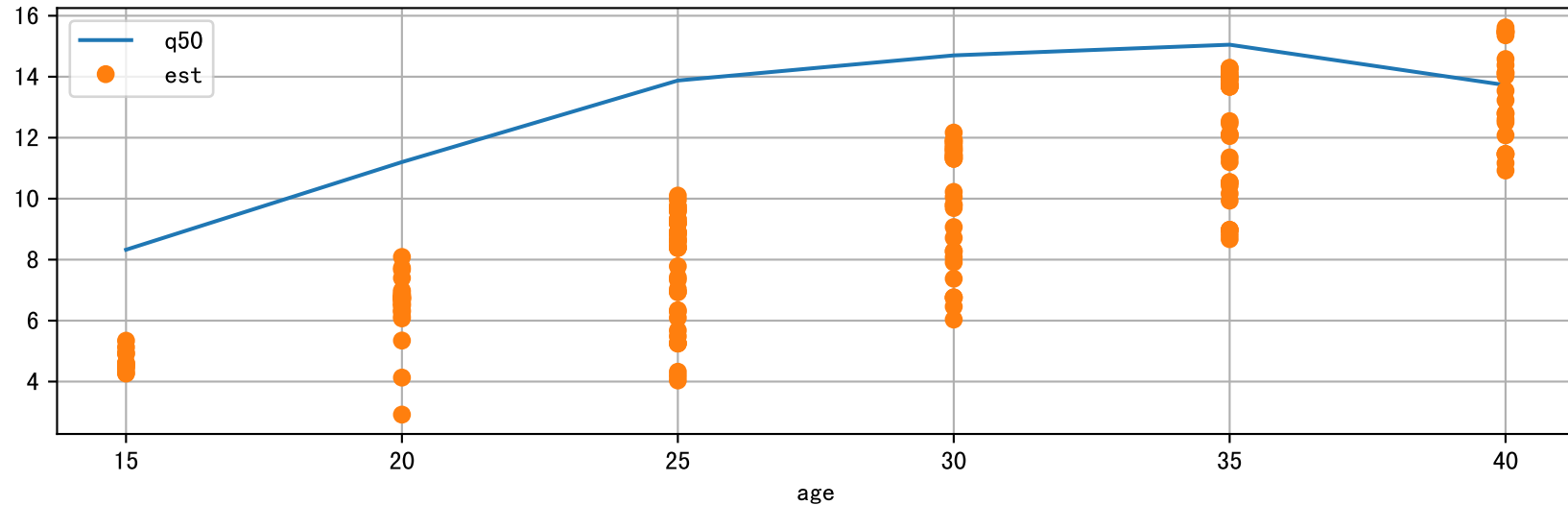
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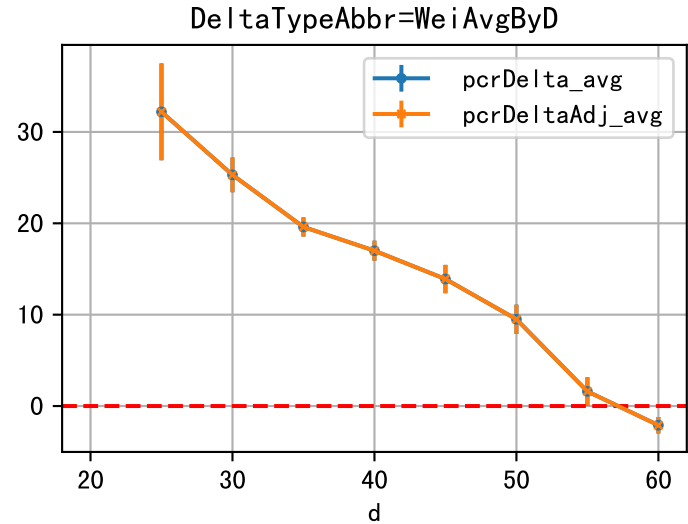
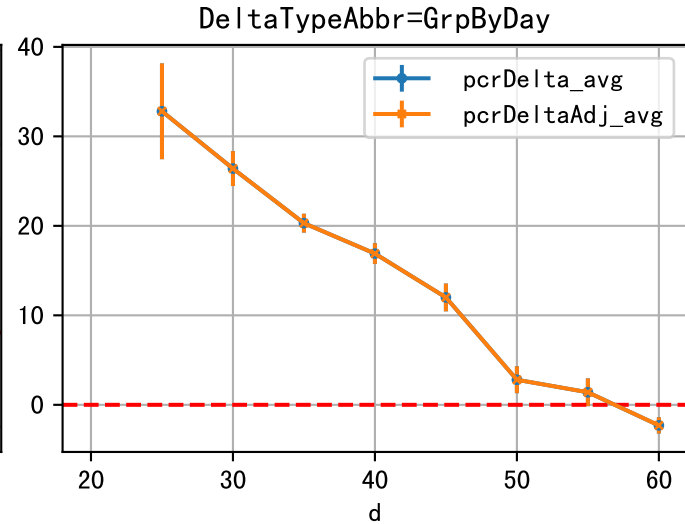
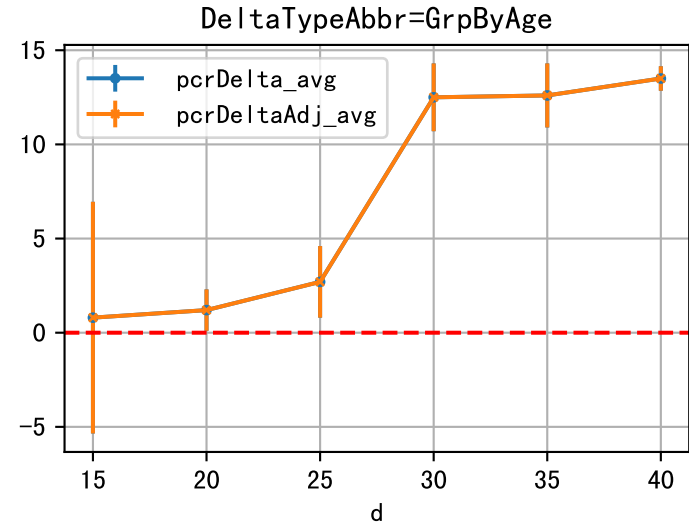


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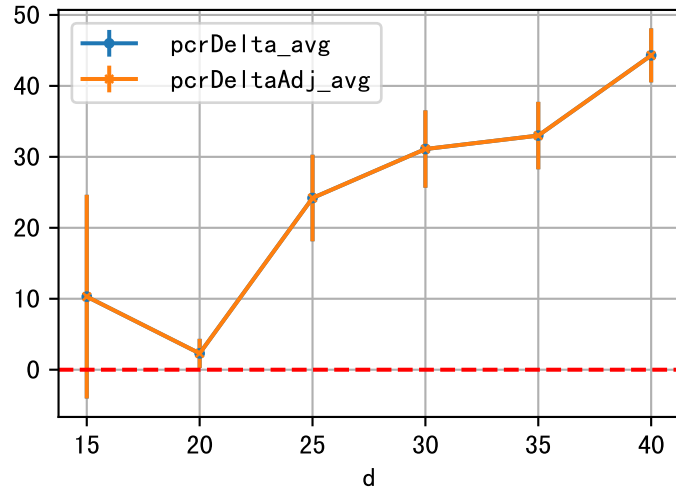


NdD: model est vs obs0v@Q50

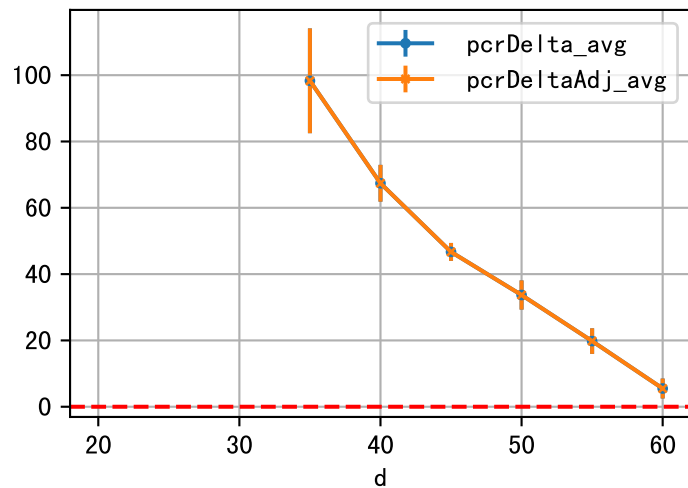




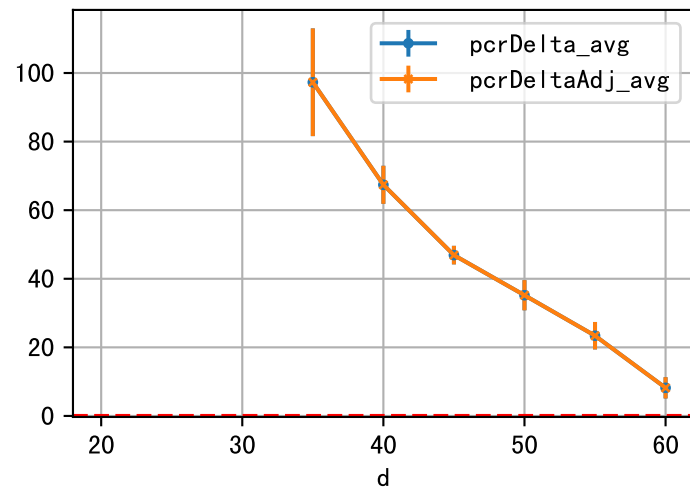
DeltaTypeAbbr=GrpByAge



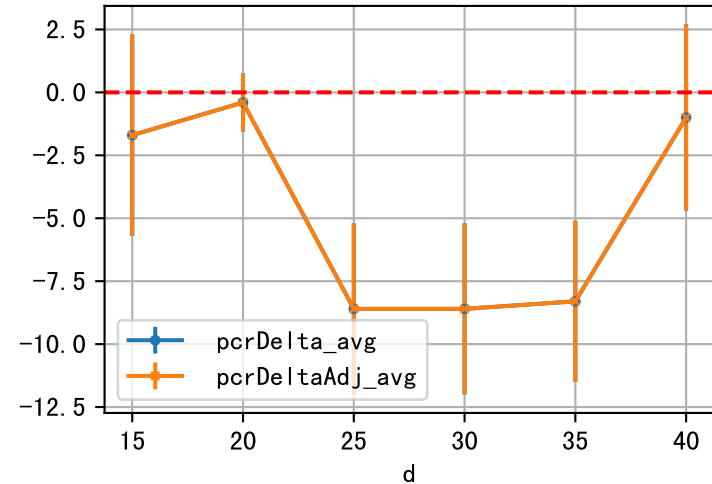
DeltaTypeAbbr=GrpByDay



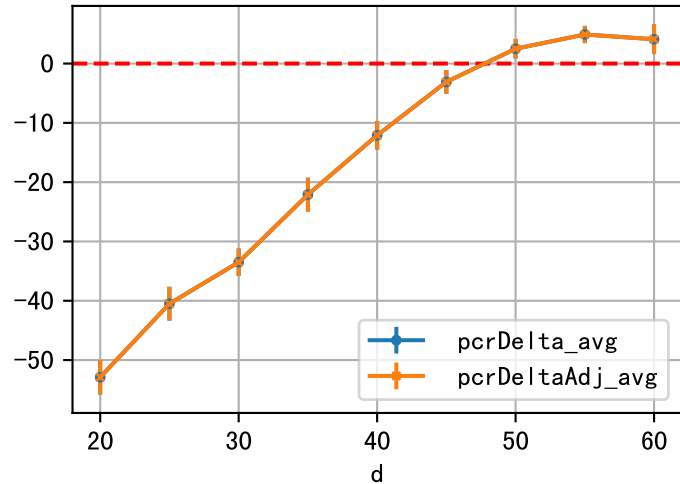
DeltaTypeAbbr=Wei AvgByD



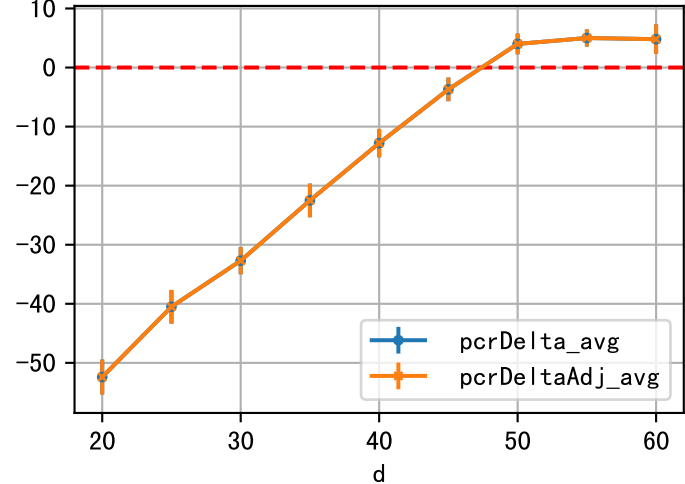
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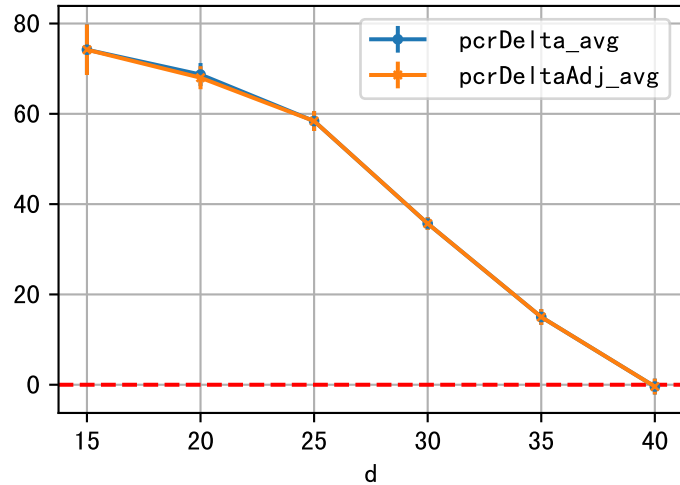
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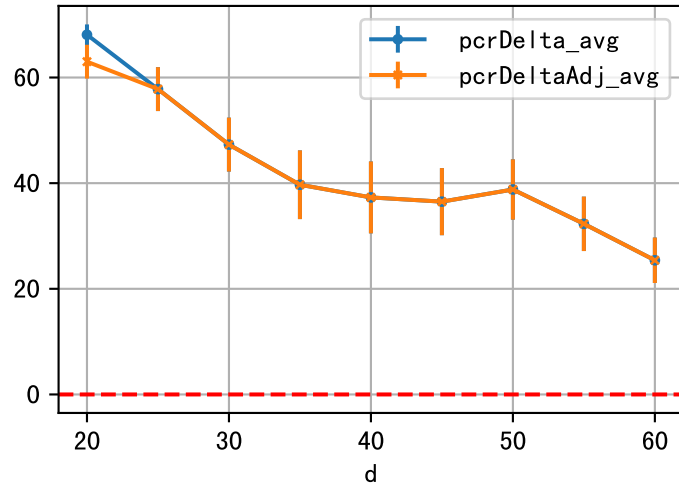
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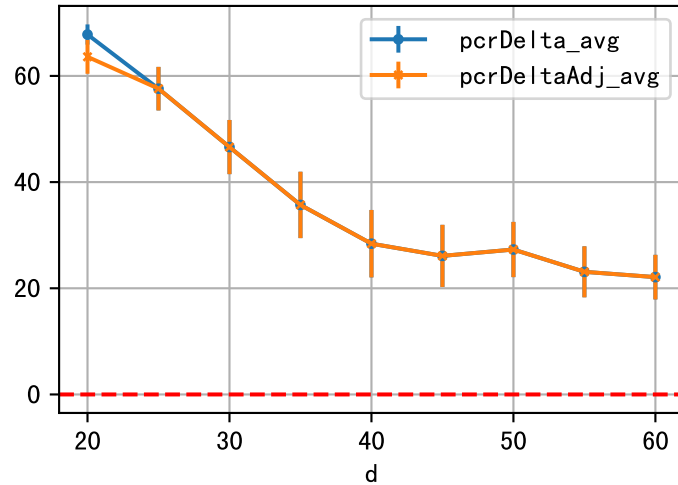
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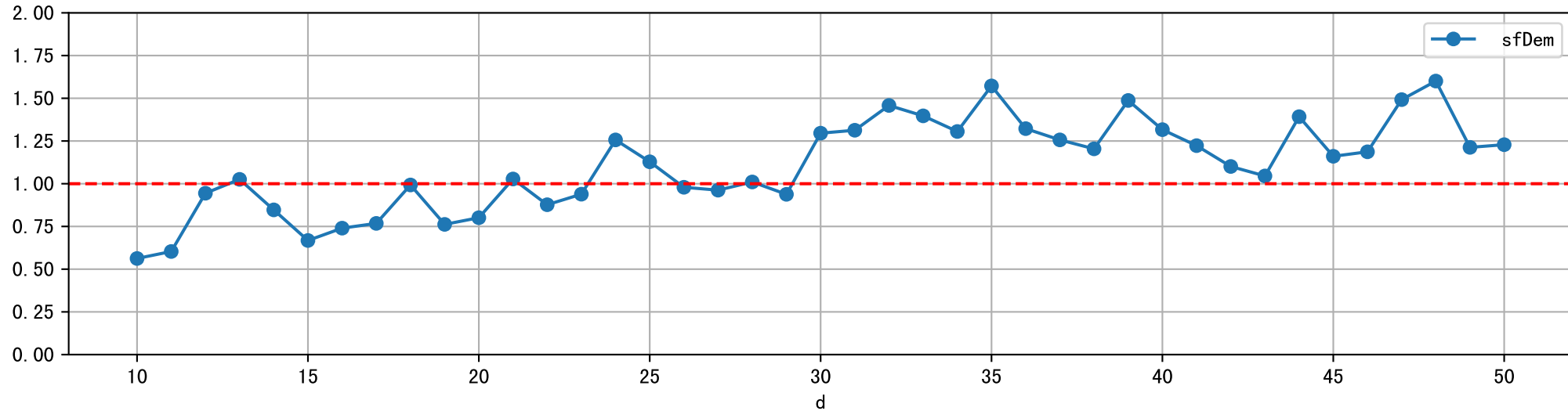
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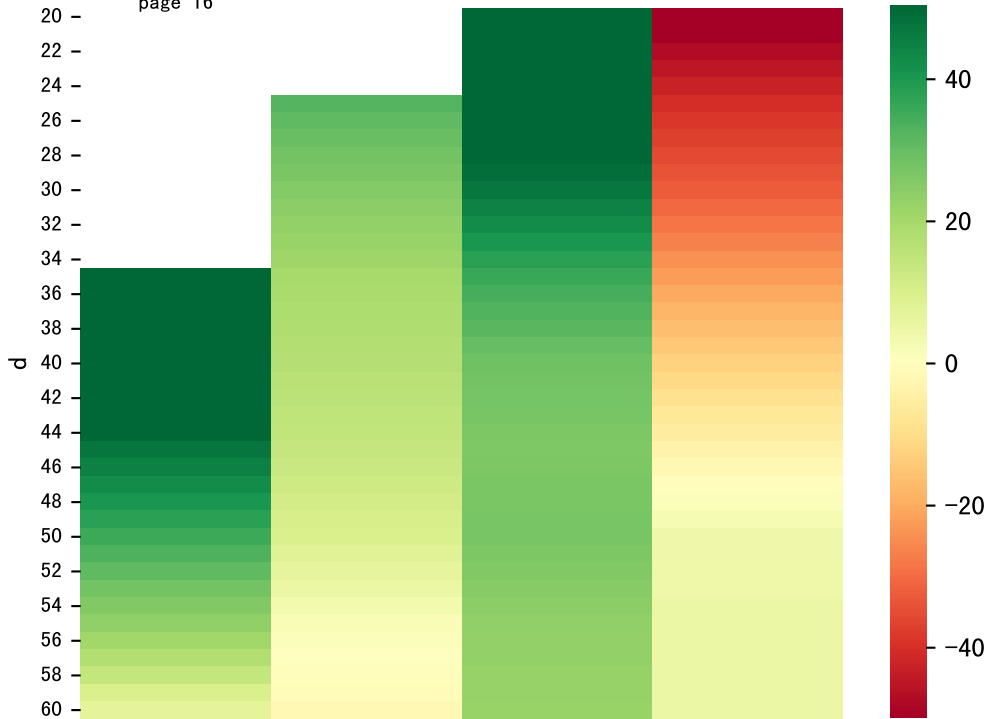


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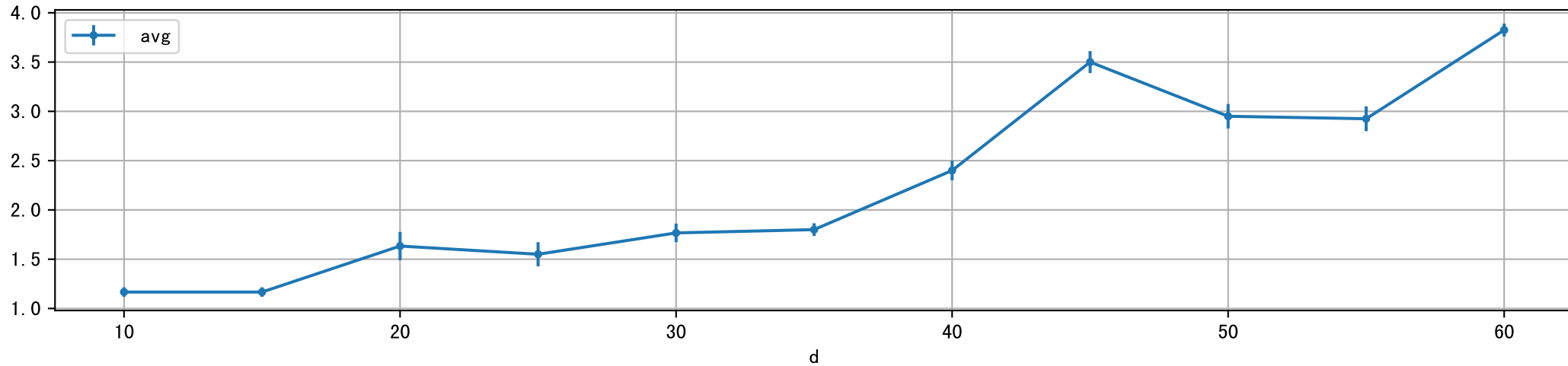


NdD: sfDem

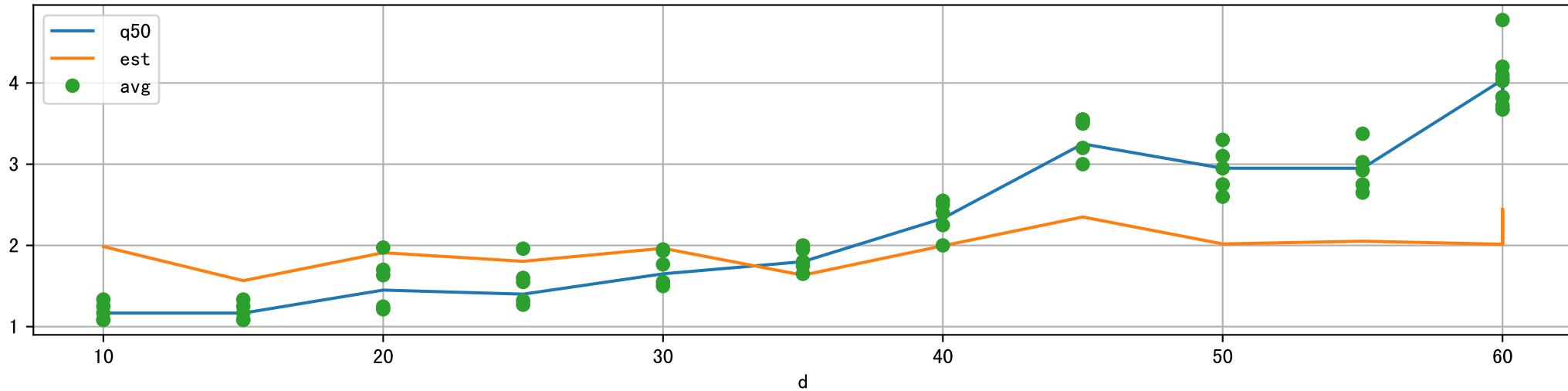




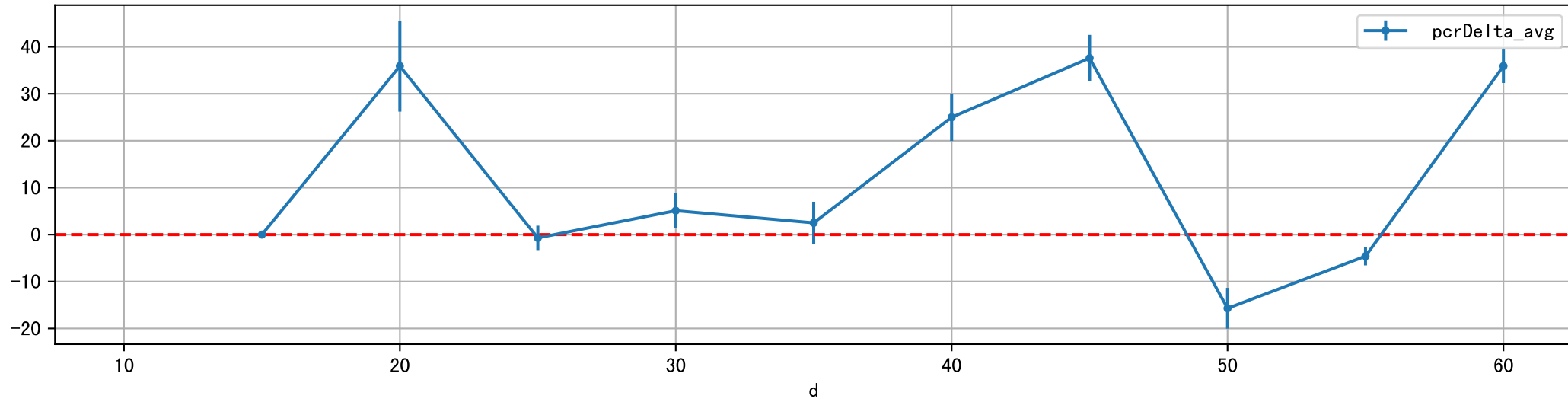
dStH: avg vs. d



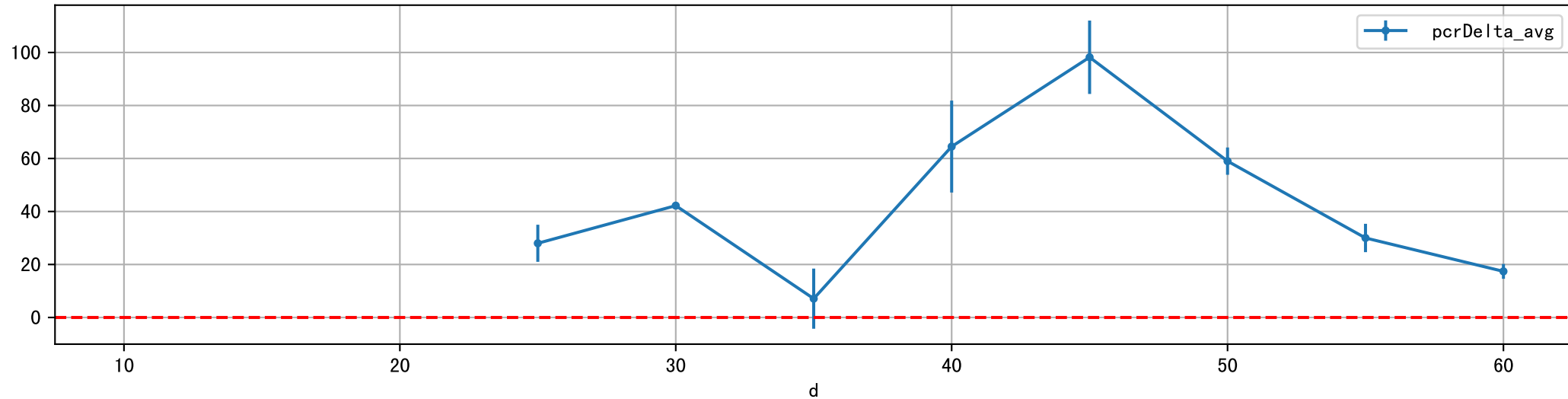
dStH: obsAvg vs obs0v@Q50



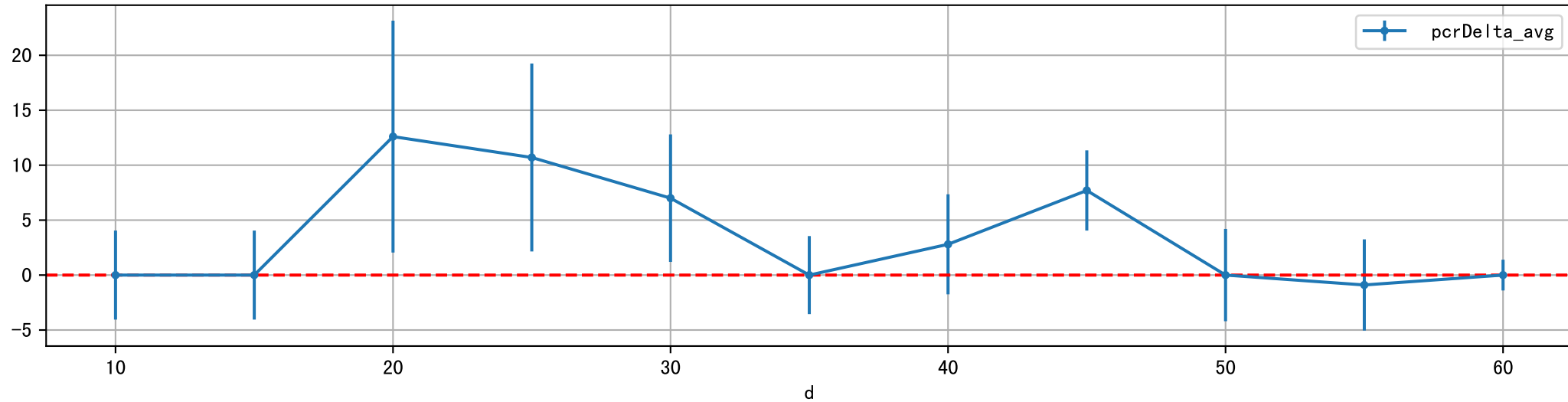
dStH: D_5d_StH



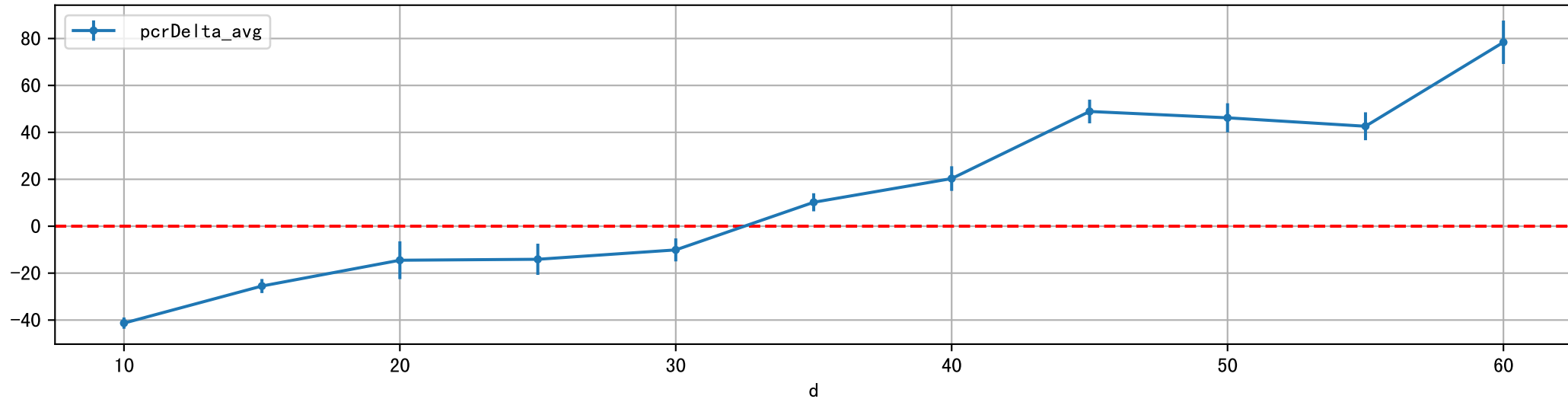
dStH: D_15d_StH



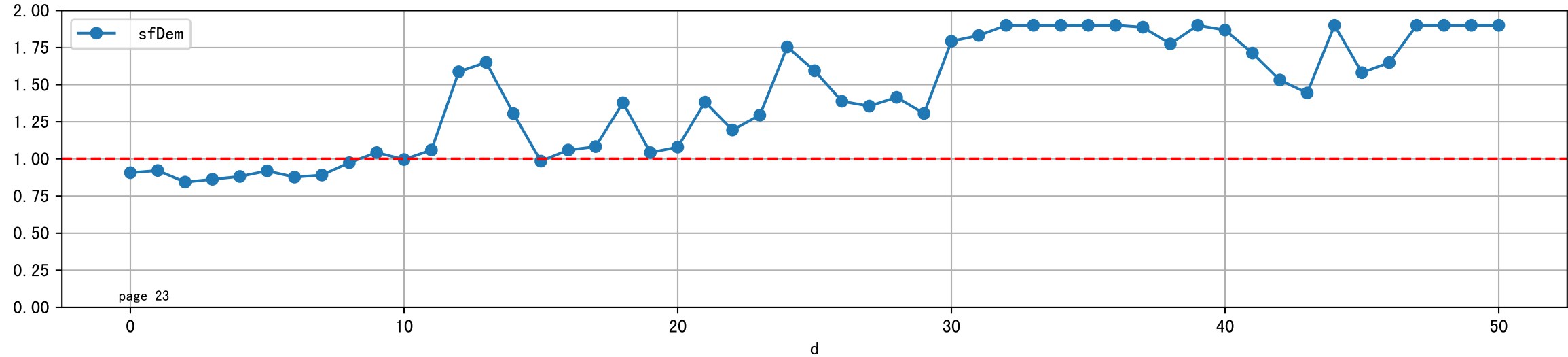
dStH: D_Q50_StH

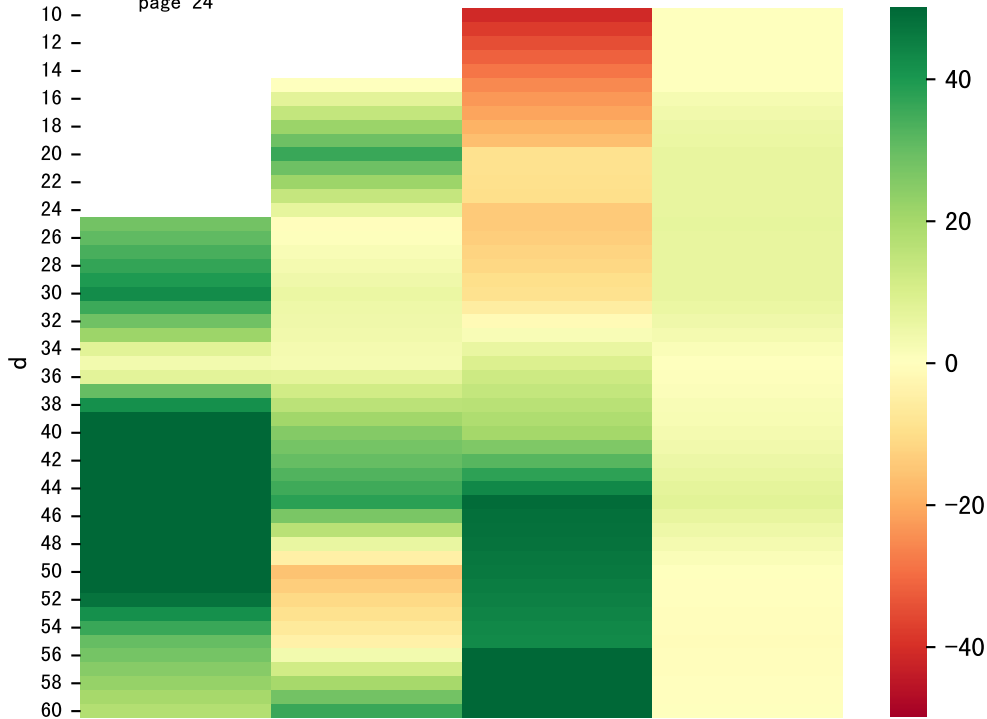


dStH: D_Est_StH

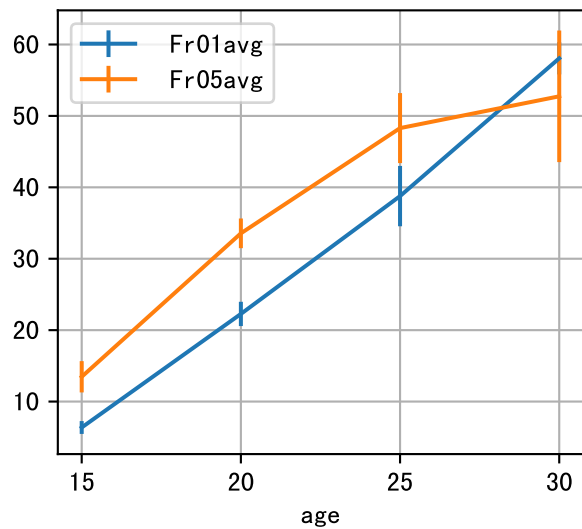
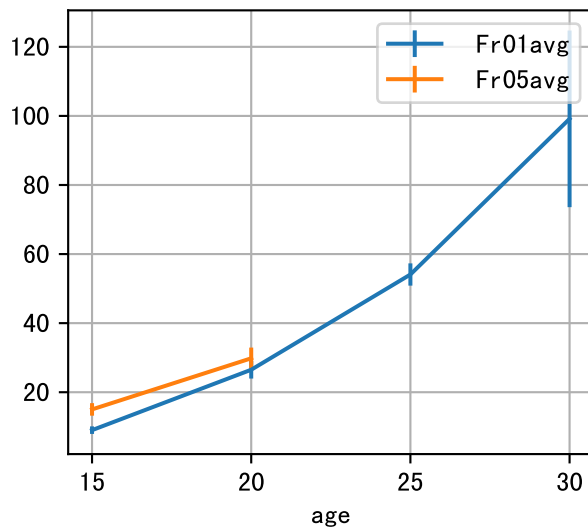


dStH: sfDem

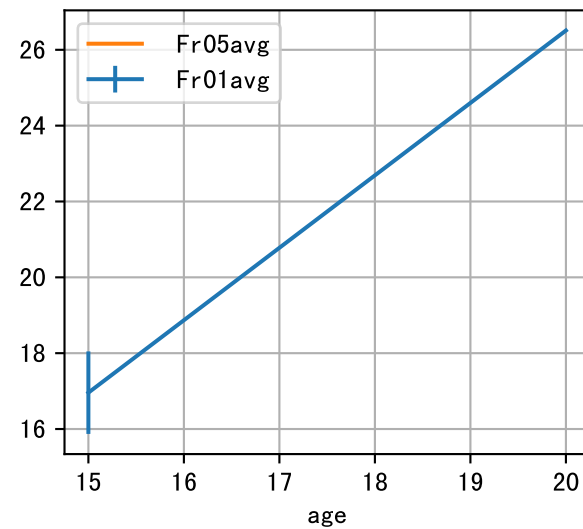




organID=T01

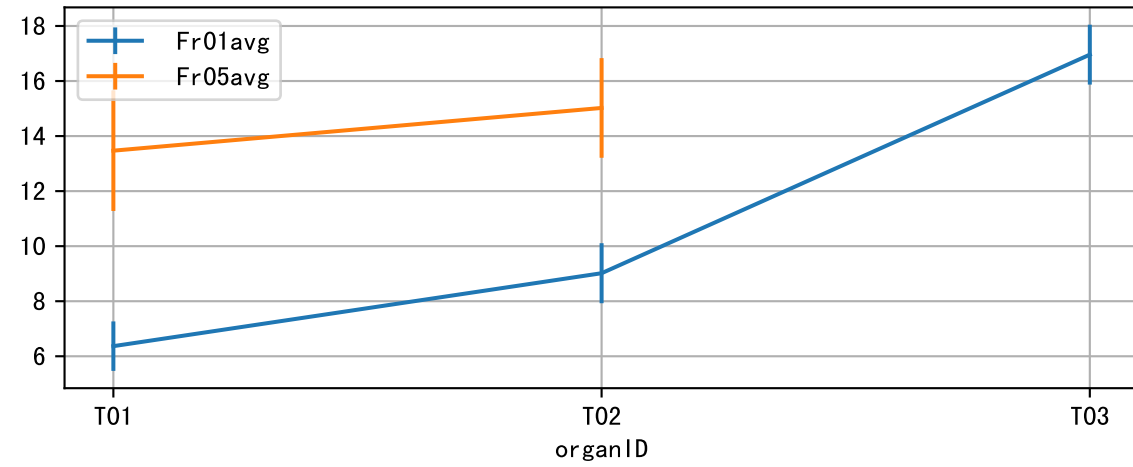
FrV: Fr01 vs Fr05 at each truss
organID=T02

organID=T03

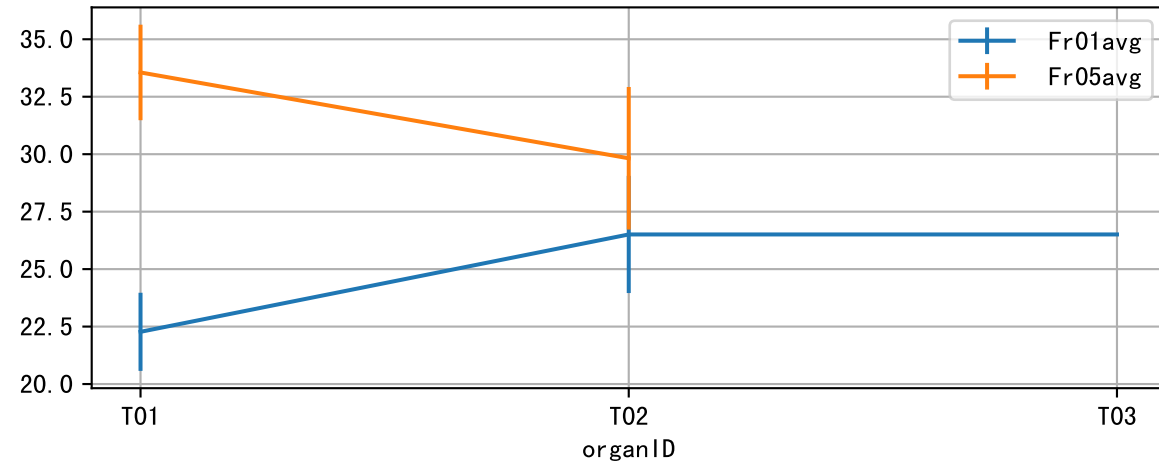


FrV trend at each age

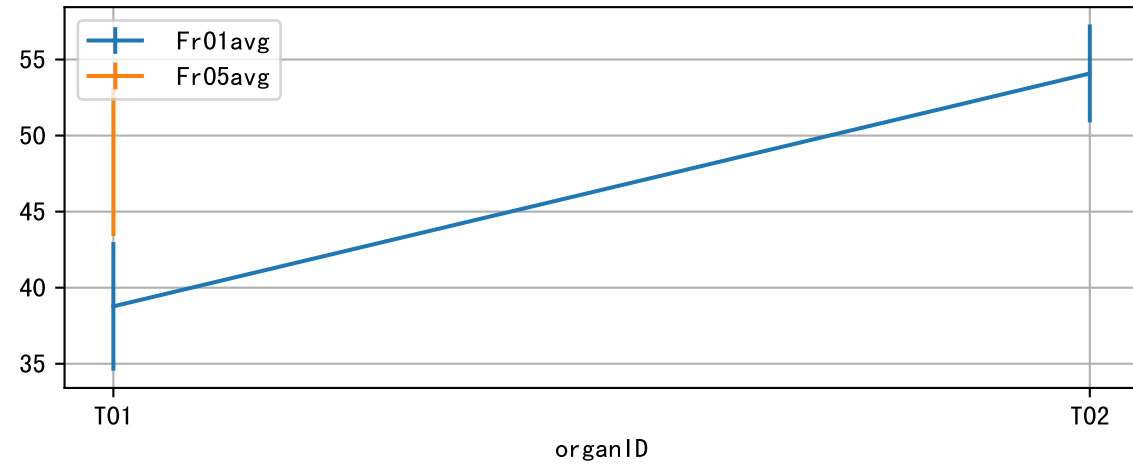
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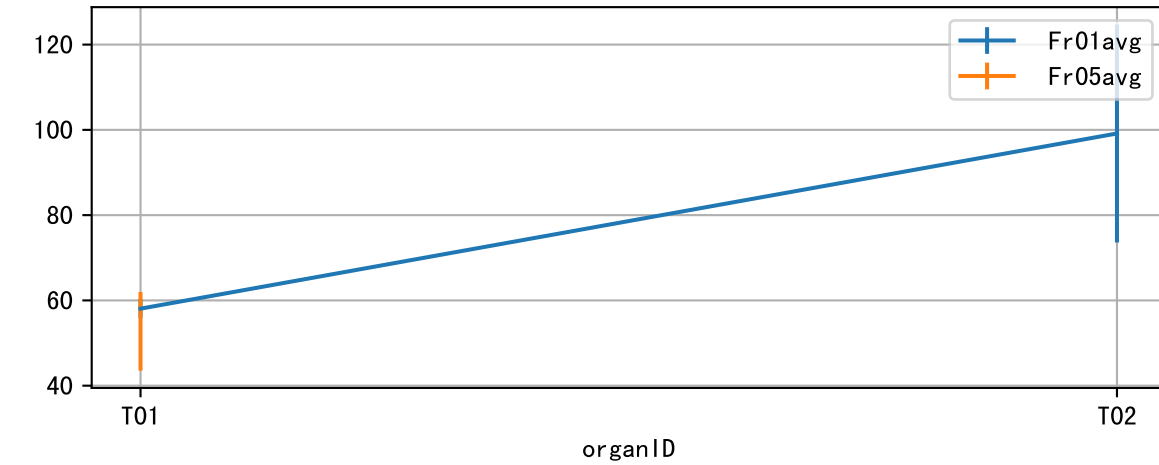
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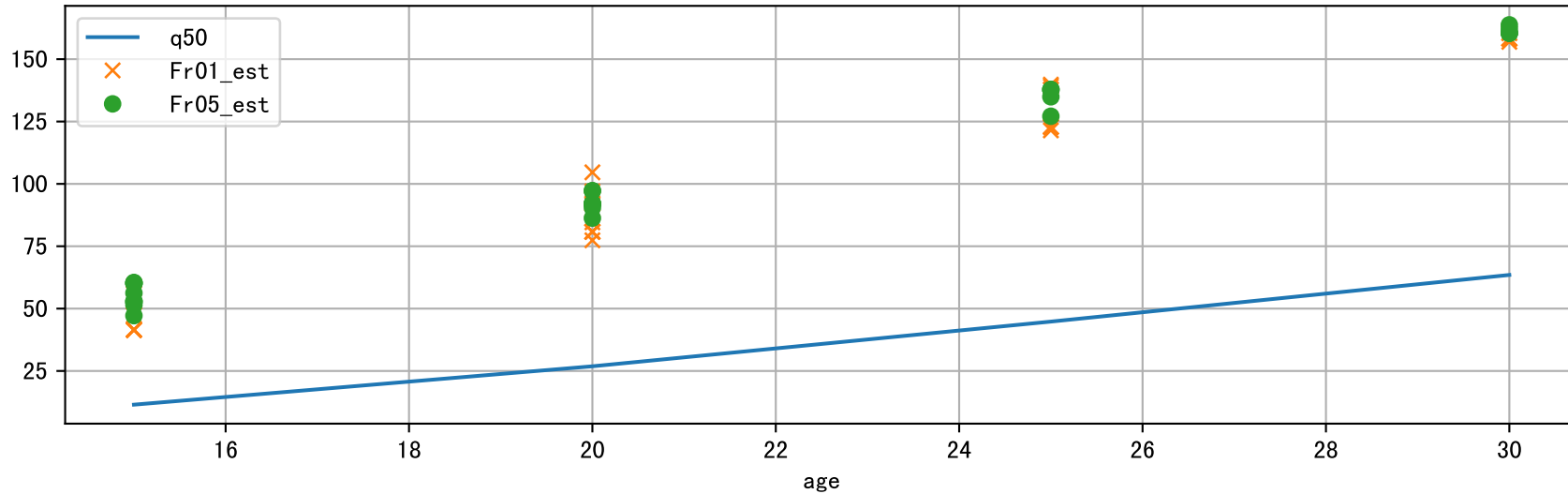
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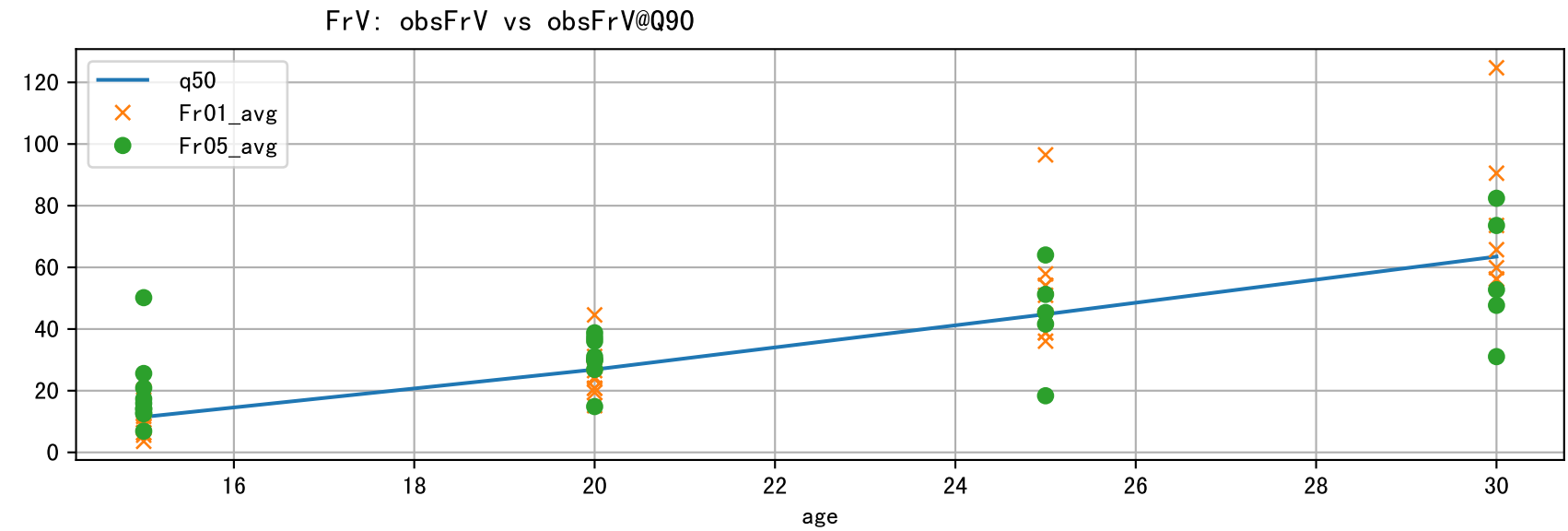


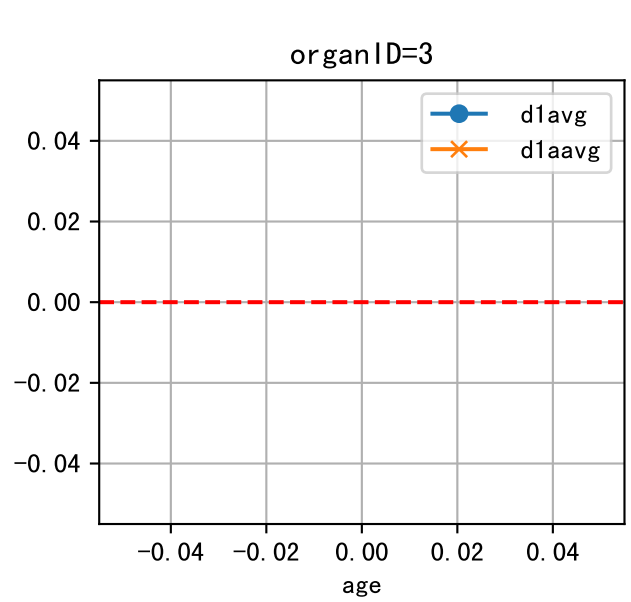
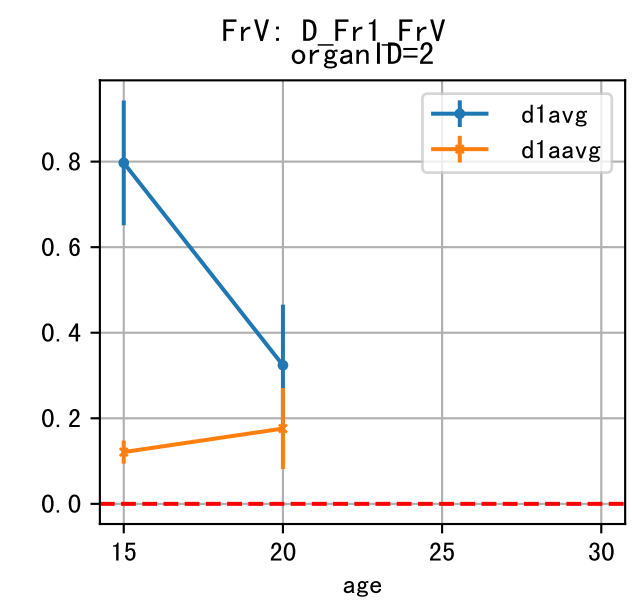
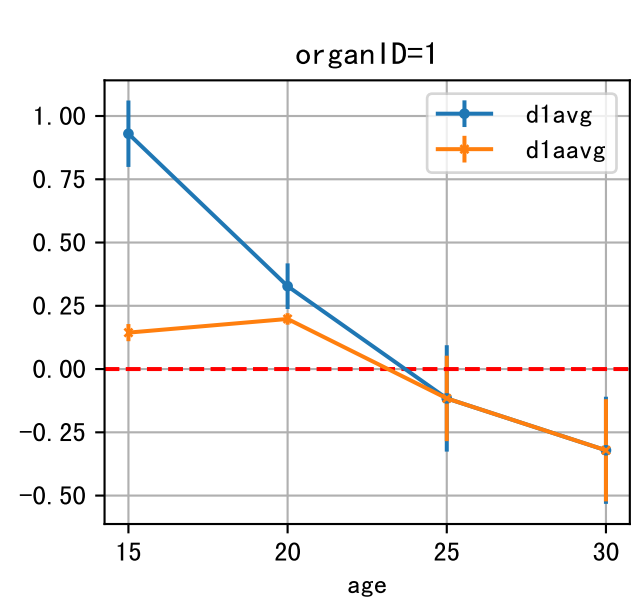
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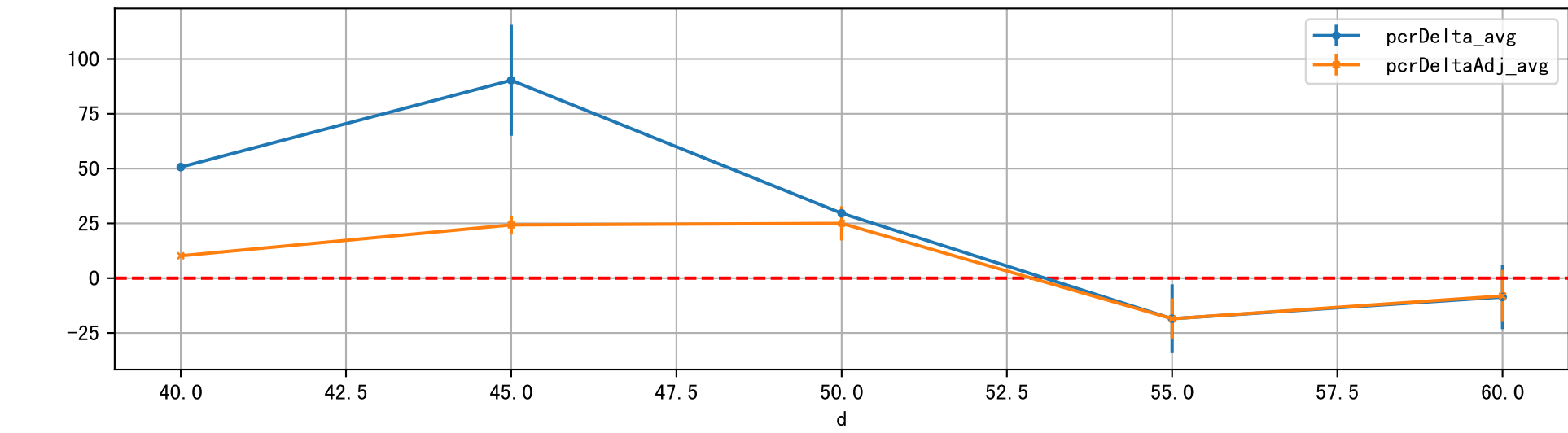
FrV: model Est vs obsFrV at Q90



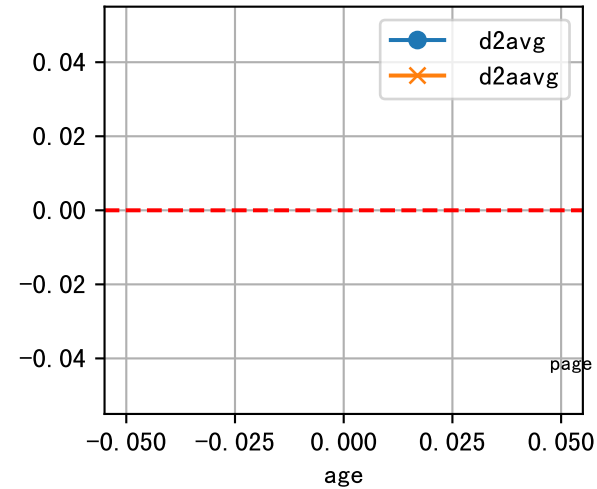




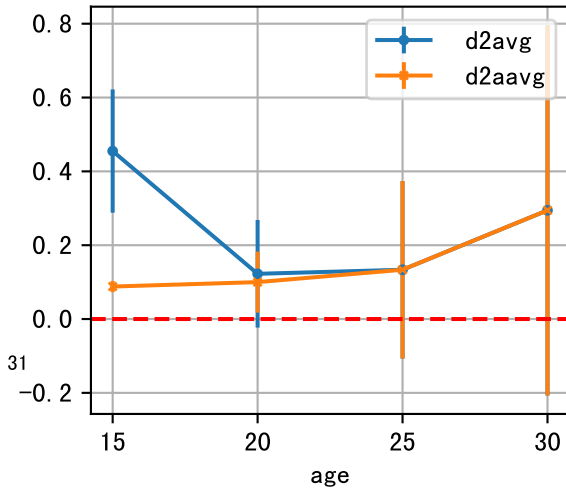
P9AW FrV: D_Fr1_FrV



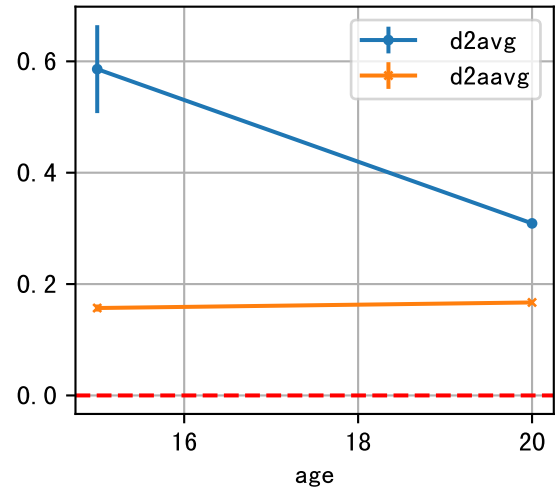
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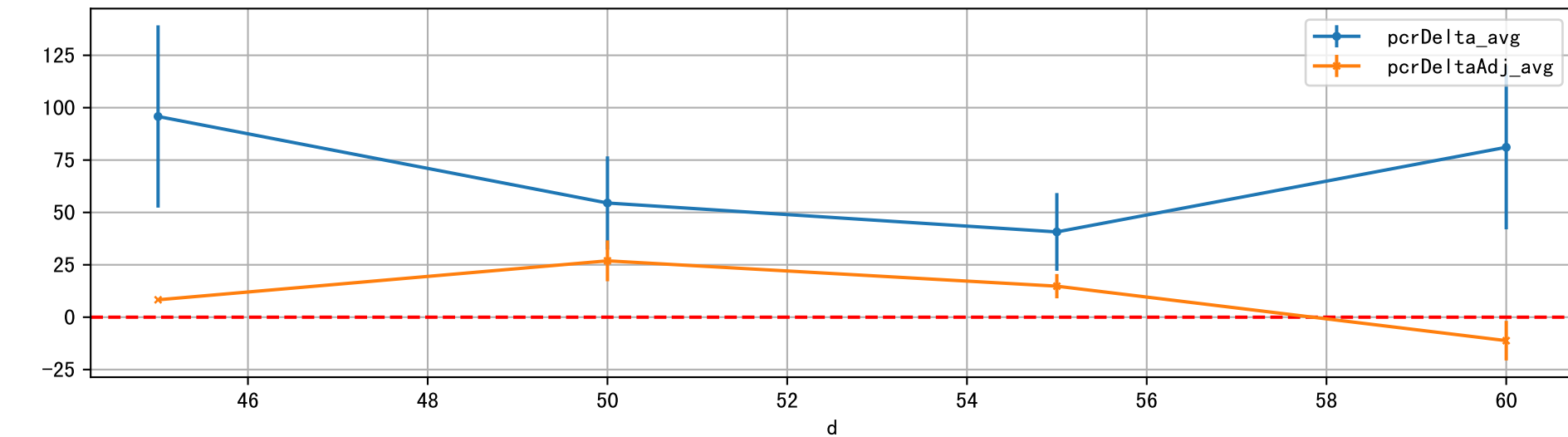
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organID=3

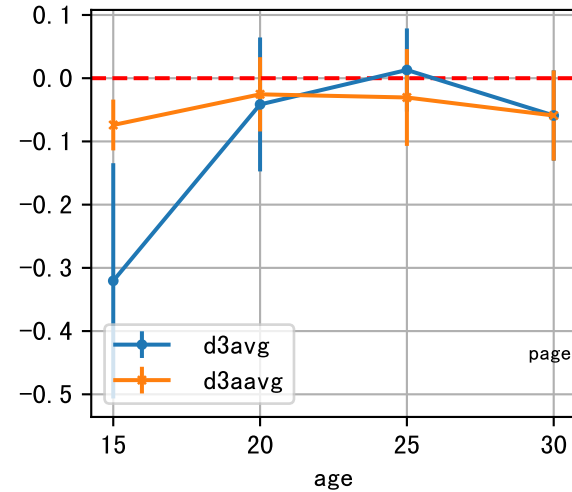


P9AW FrV: D_Ts_FrV

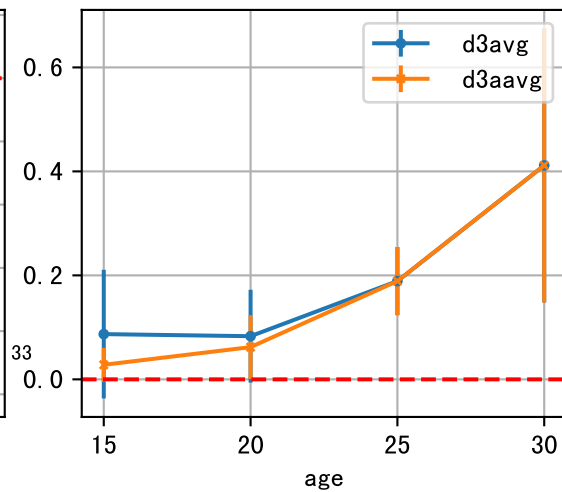


FrV: D_Q50_FrV

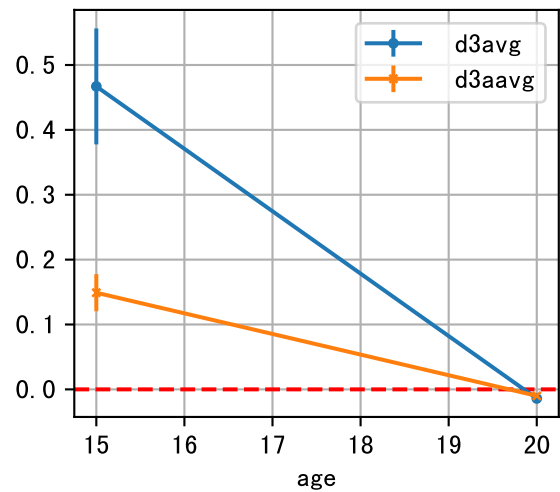
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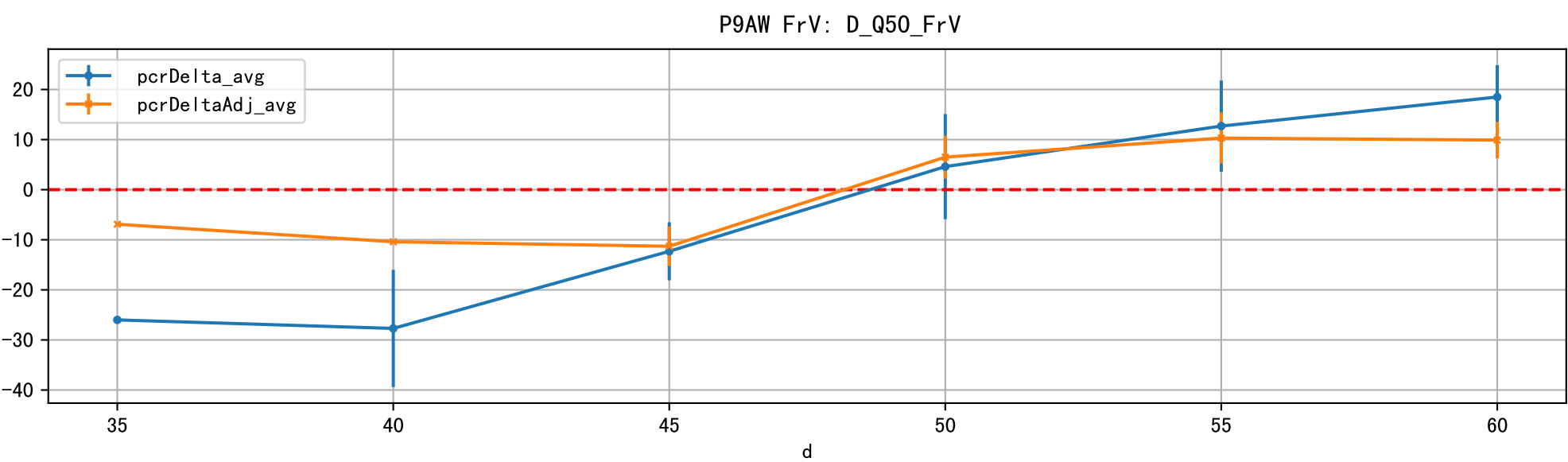


organID=2



organID=3





FrV: D_Est_FrV

