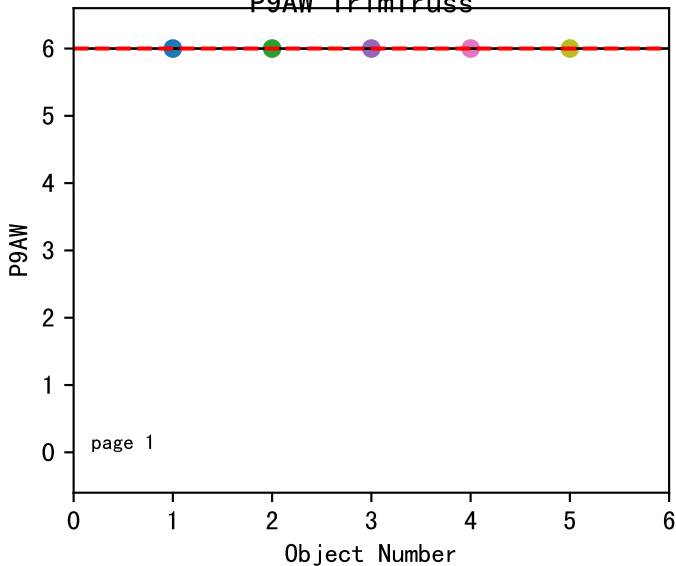


Phenotype Data Analysis Plots
PhenoData day range = 10 – 70
Analysis cutoff day = 70
NC11 P9
2025-06-10 (Day 71)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

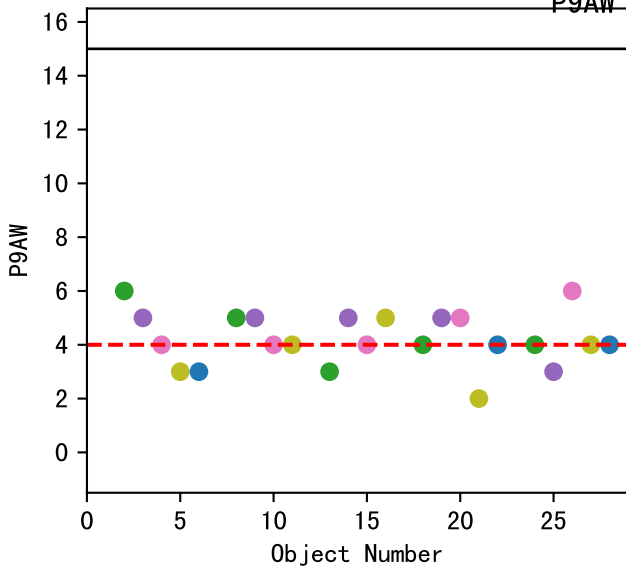
P9AW TrimTruss



FruitNumAvgPerTruss (Def=15 Set=4)

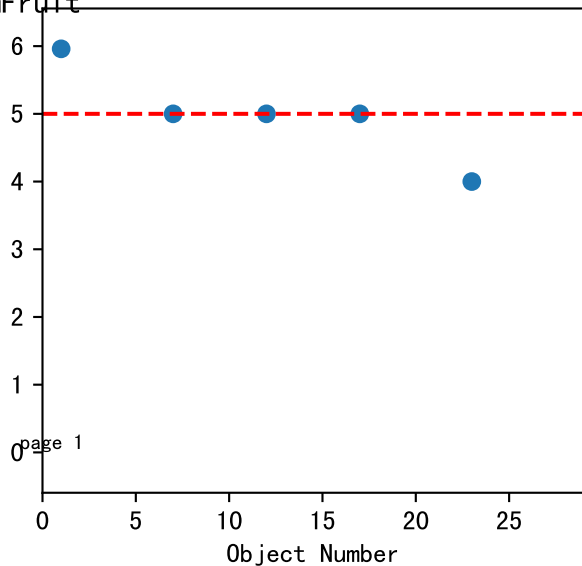
avg1=4.0~22% avg2=na

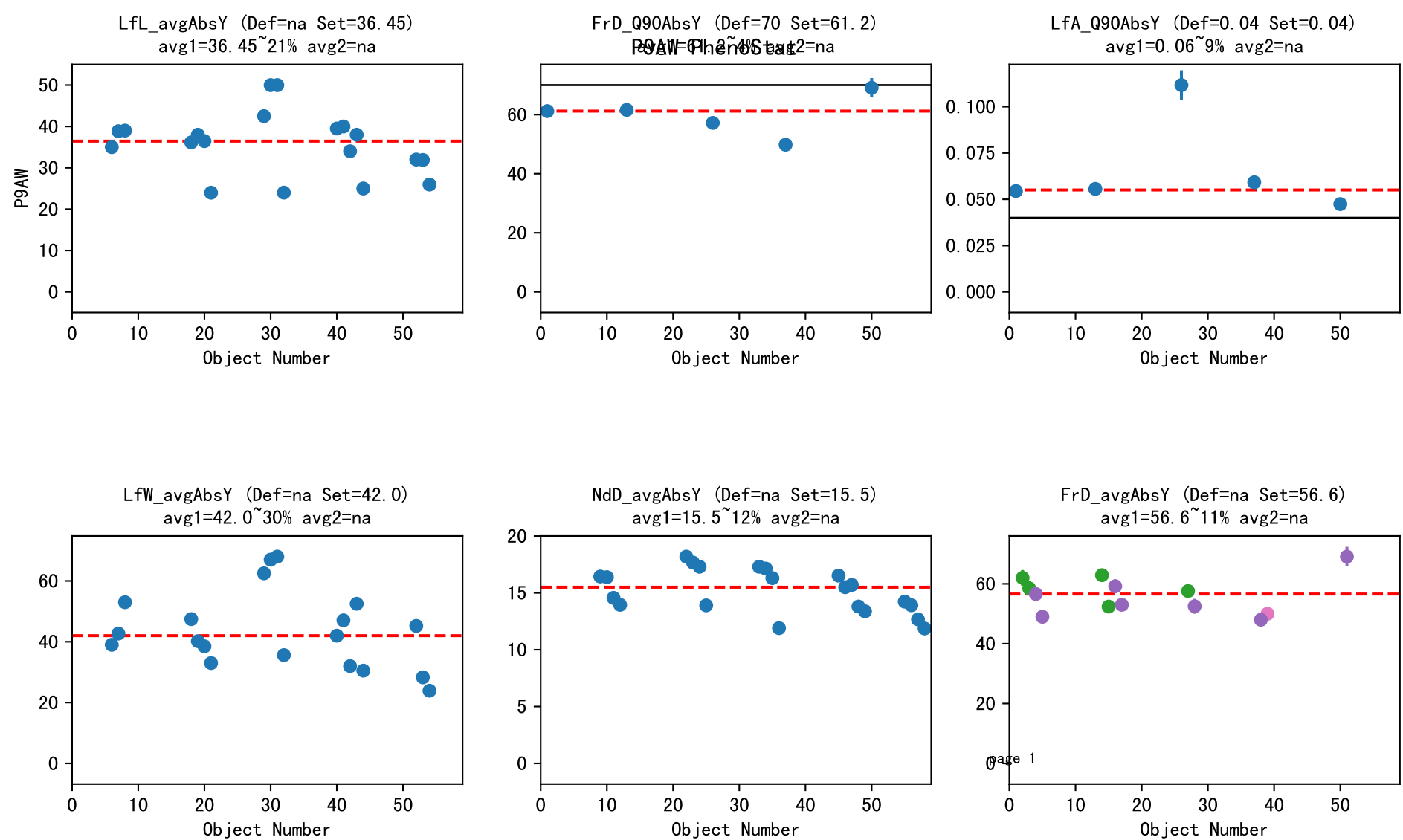
P9AW TrimFruit



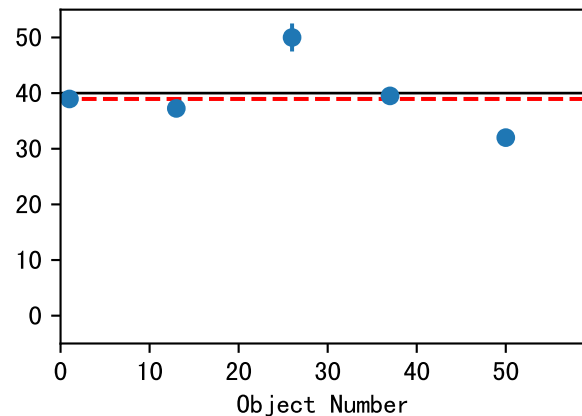
FruitNumMaxPerTruss (Def=na Set=5)

avg1=5.0~0% avg2=na

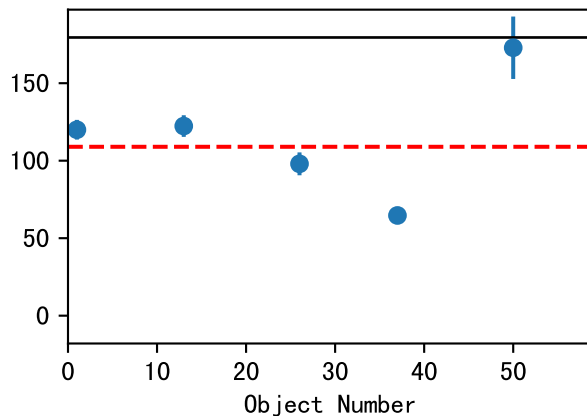




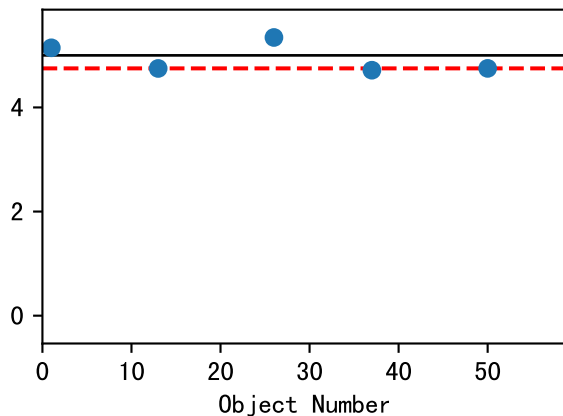
LfL_Q90AbsY (Def=40 Set=38.95)
avg1=38.95~3% avg2=na



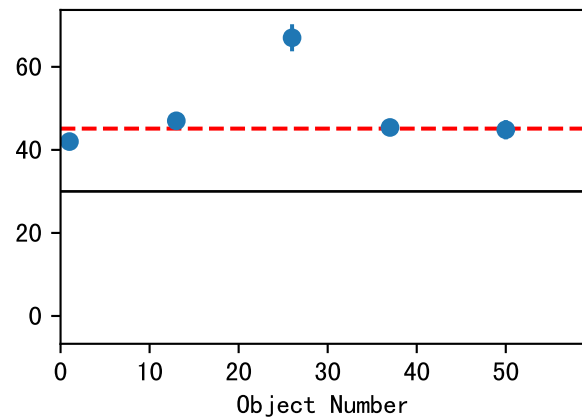
FrV_Q90AbsY (Def=179.5 Set=179.5)
avg1=179.5~85% avg2=na



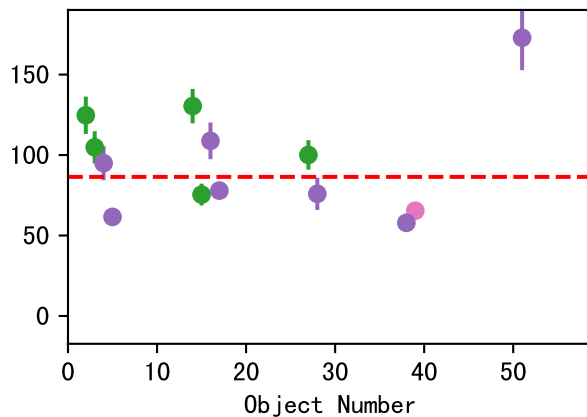
NdL_Q90AbsY (Def=5 Set=4.75)
avg1=4.75~6% avg2=na



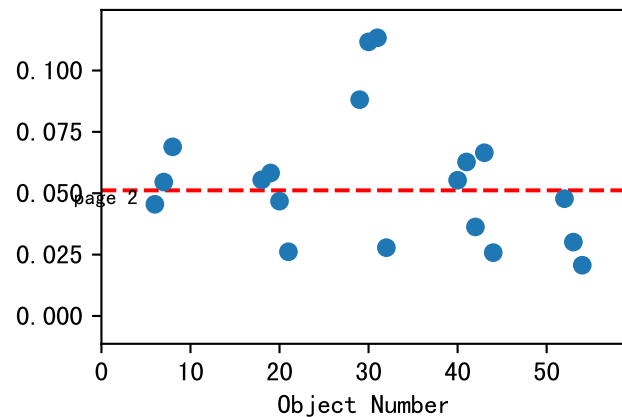
LfW_Q90AbsY (Def=30 Set=45.12)
avg1=45.12~5% avg2=na

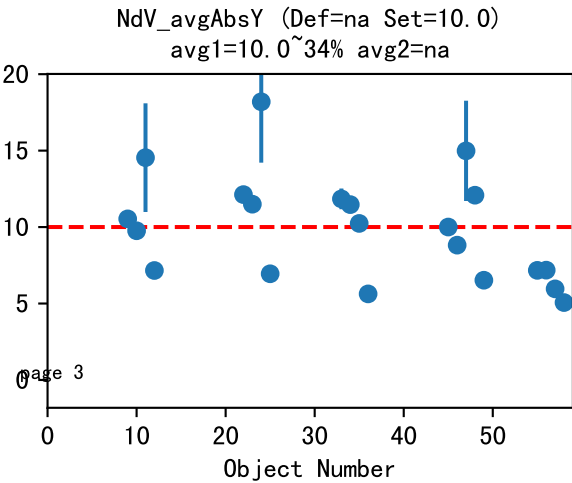
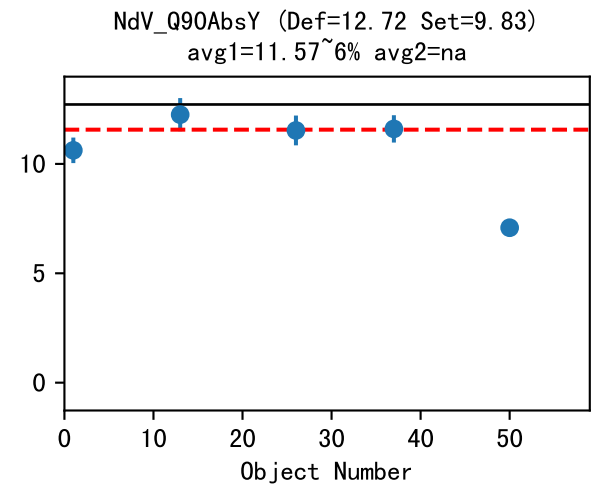
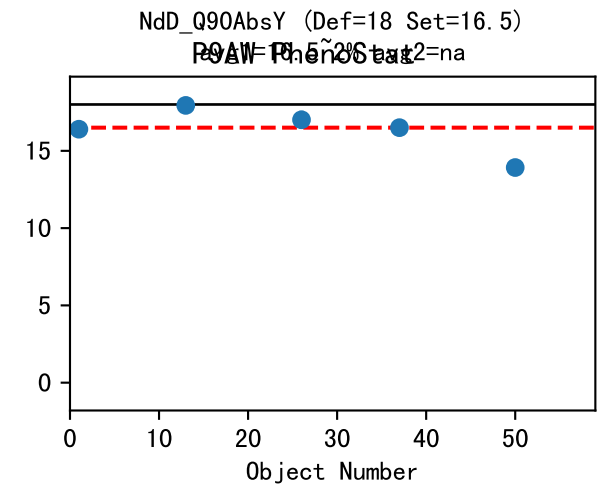
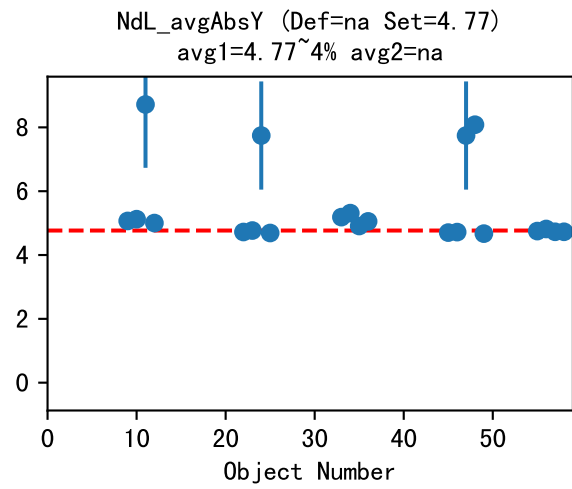


FrV_avgAbsY (Def=na Set=86.43)
avg1=86.43~28% avg2=na

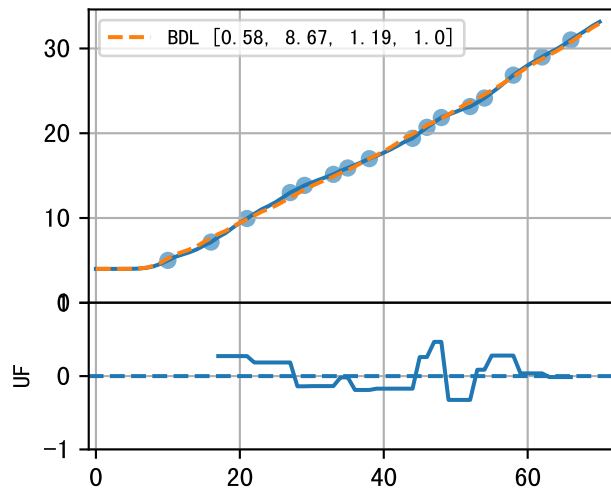


LfA_avgAbsY (Def=na Set=0.05)
avg1=0.05~46% avg2=na

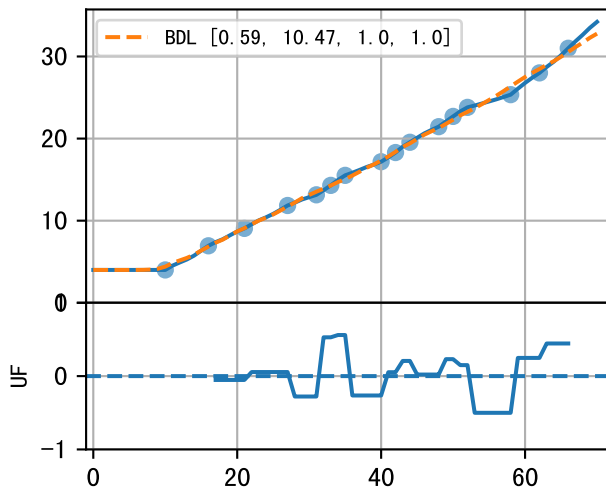




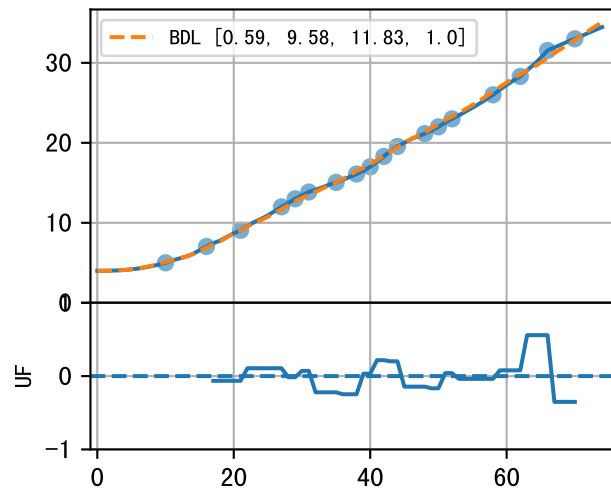
P9AW-005-13 (fit failed)



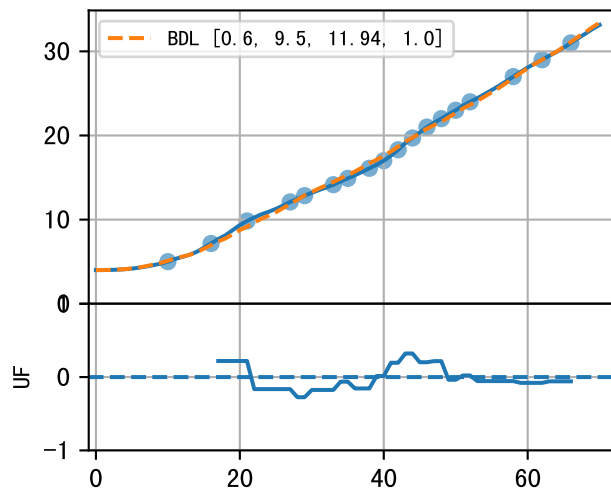
P9AW-017-26 (fit failed)



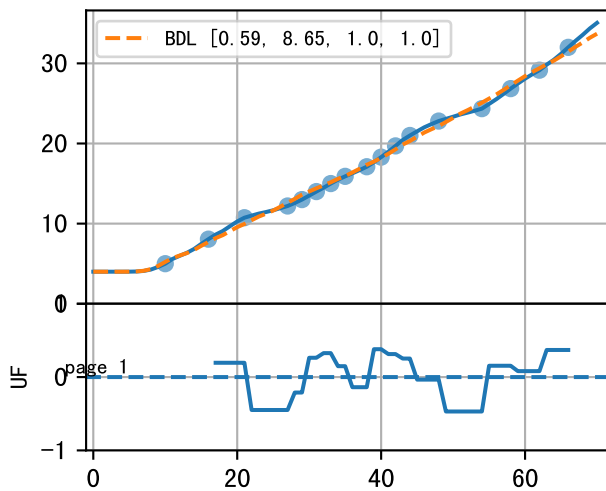
P9AW-029-11 (fit failed)



P9AW-040-22 (fit failed)

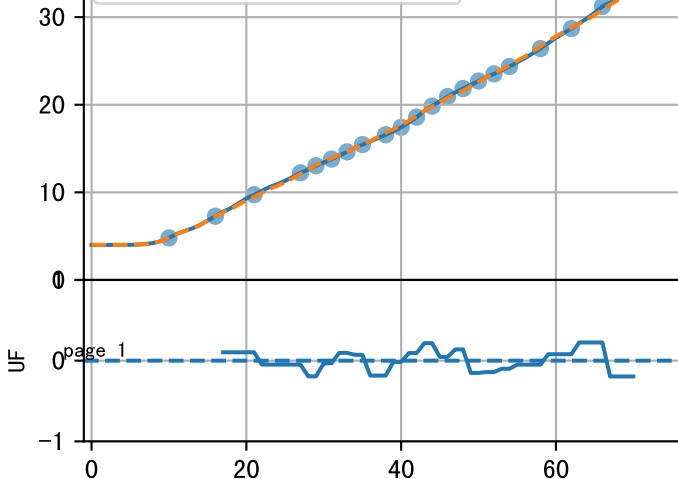


P9AW-052-18 (fit failed)

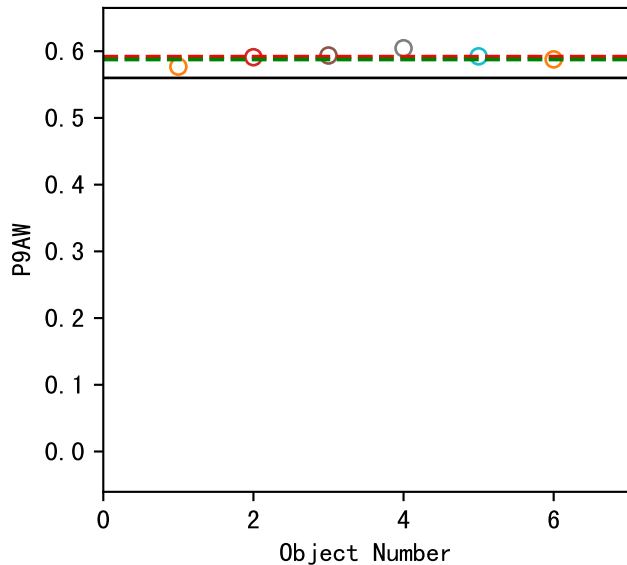


P9AWavg (fit failed)

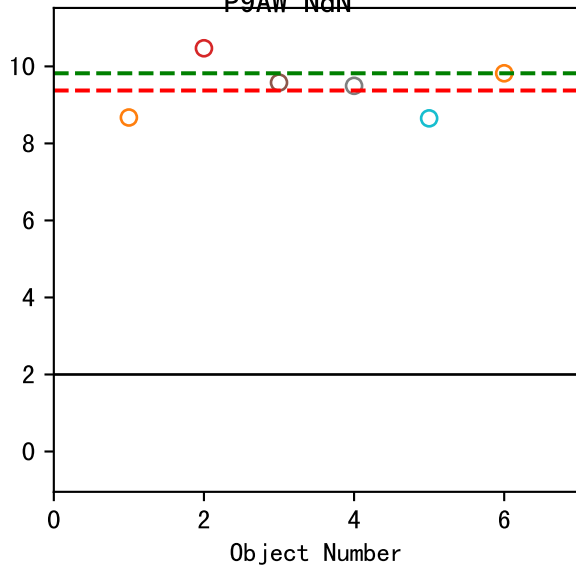
BDL [0.59, 9.82, 1.69, 1.0]



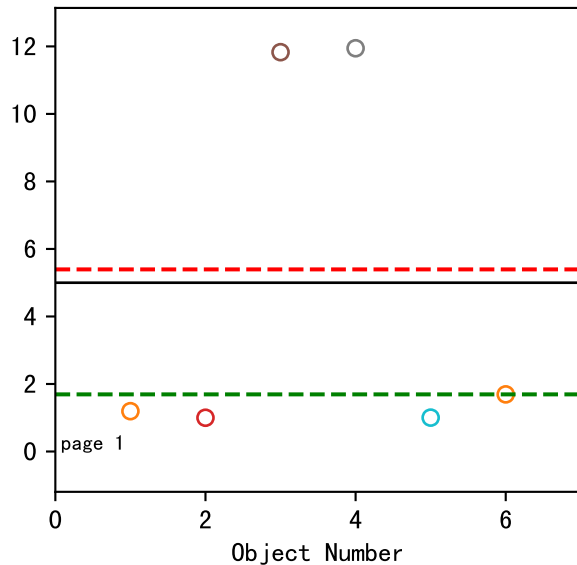
a (Def=0.56 Set=0.59)
avg1=0.59(fail) avg2=0.59



dm (Def=2 Set=9.82)
avg1=9.37(fail) avg2=9.82



de (Def=5 Set=1.69)
avg1=5.39(fail) avg2=1.69



InitDev_dm (Def=2 Set=9.82)

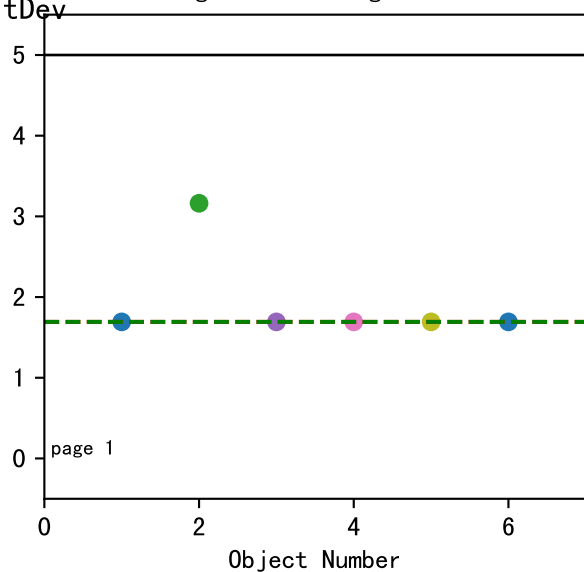
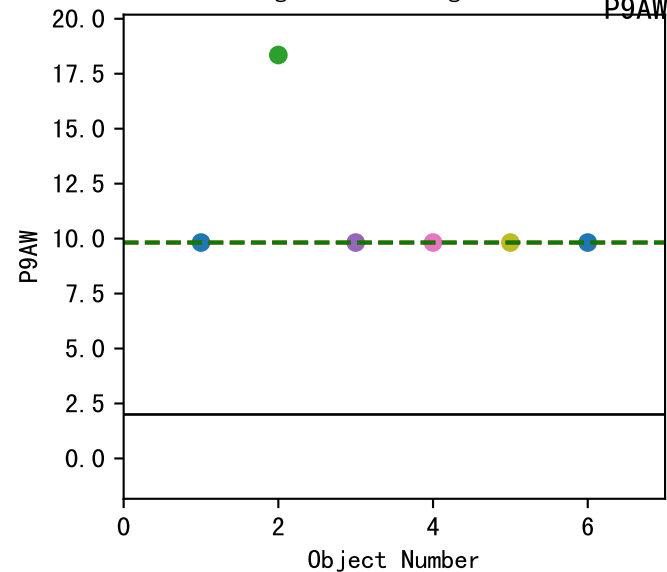
avg1=9.82~0% avg2=9.82

P9AW

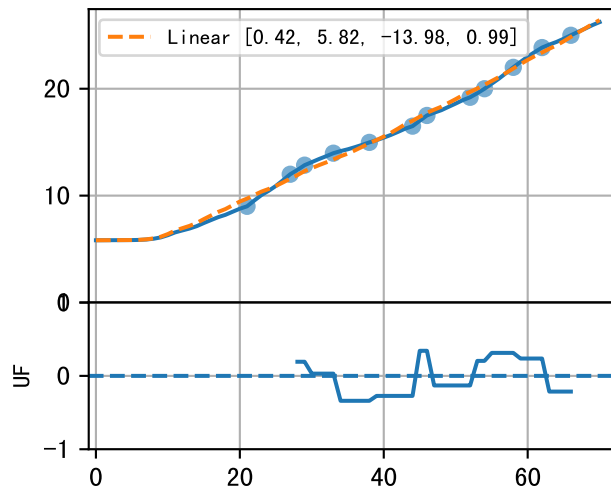
InitDev

InitDev_de (Def=5 Set=1.69)

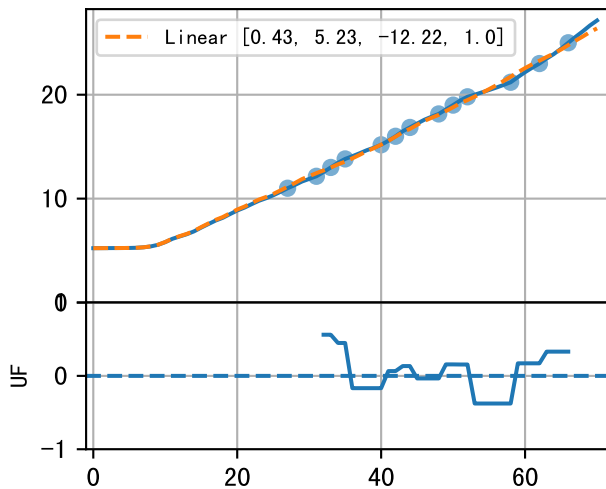
avg1=1.69~0% avg2=1.69



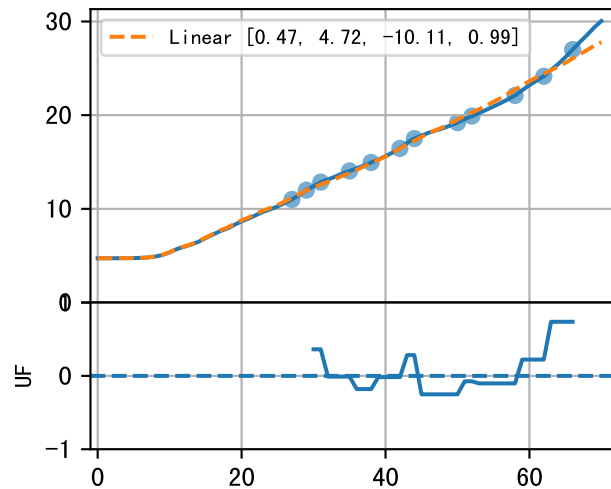
P9AW-005-13



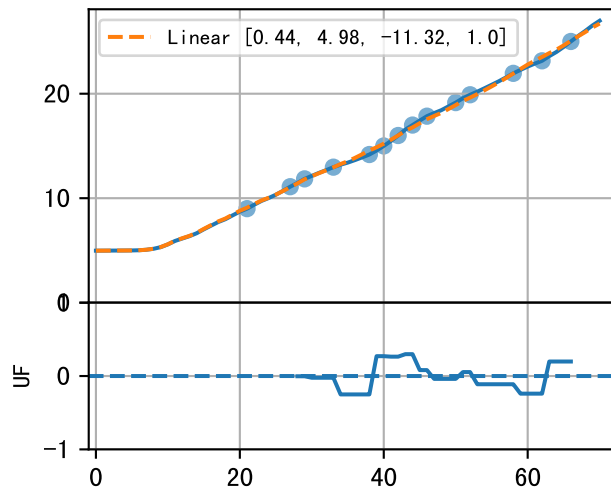
P9AW-017-26



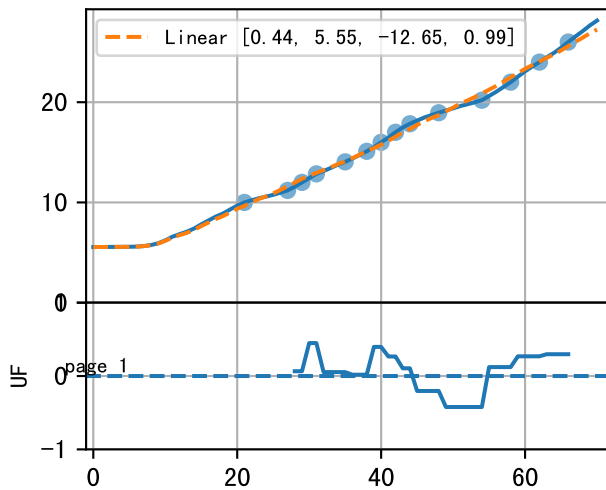
P9AW-029-11



P9AW-040-22



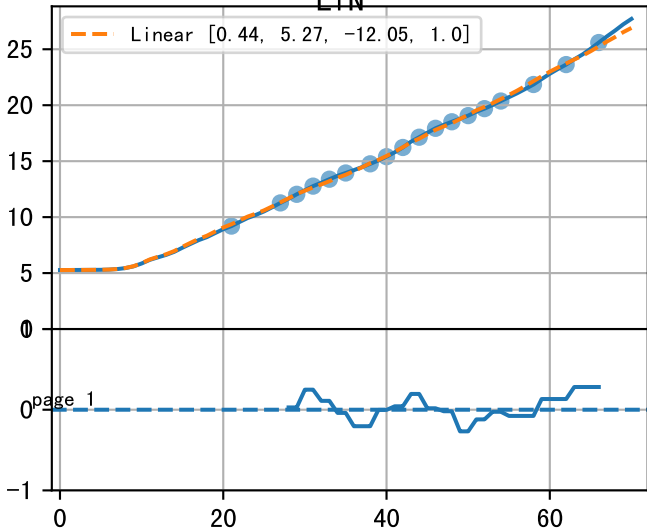
P9AW-052-18



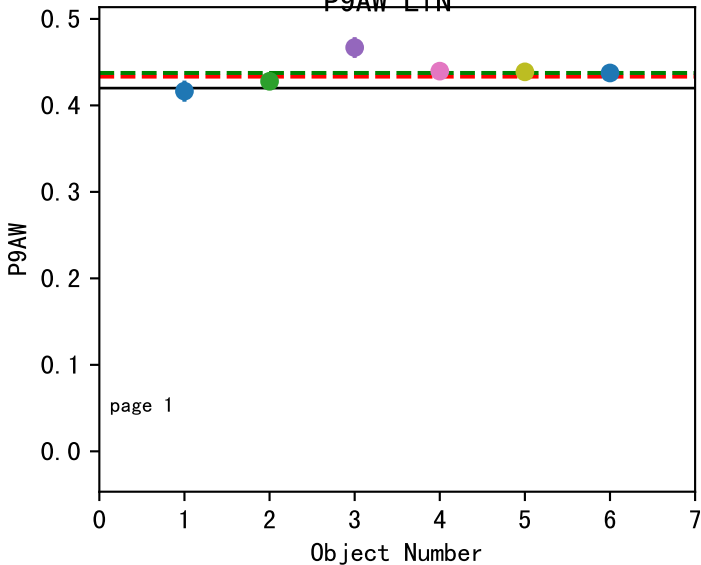
P9AWavg
Lfn

Linear [0.44, 5.27, -12.05, 1.0]

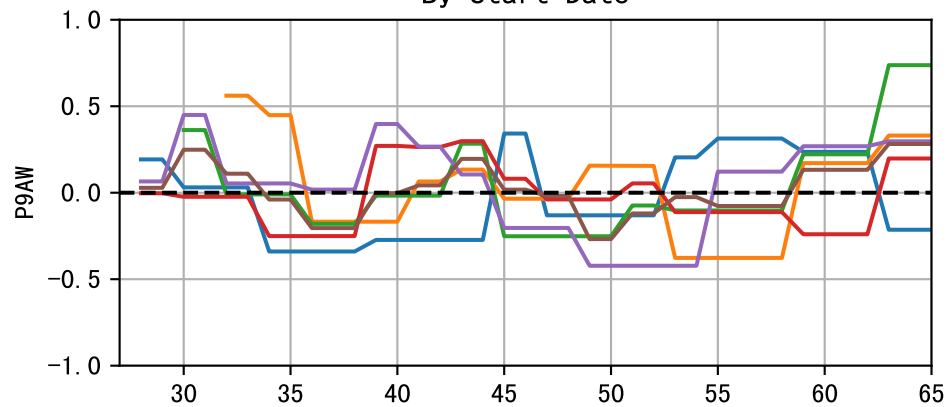
UF
page 1



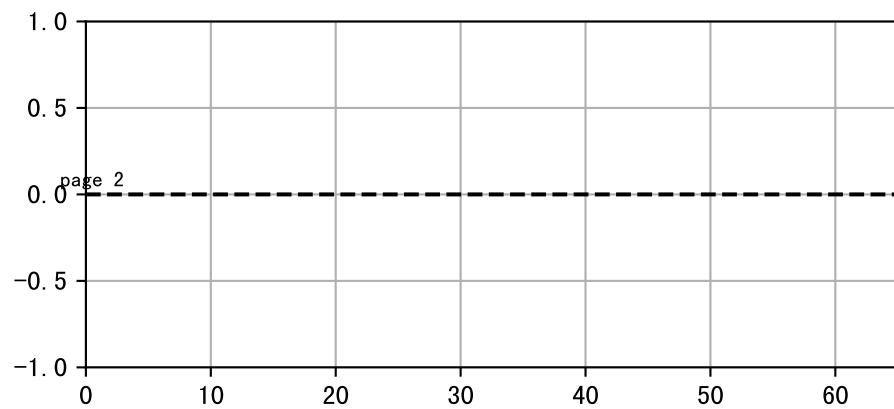
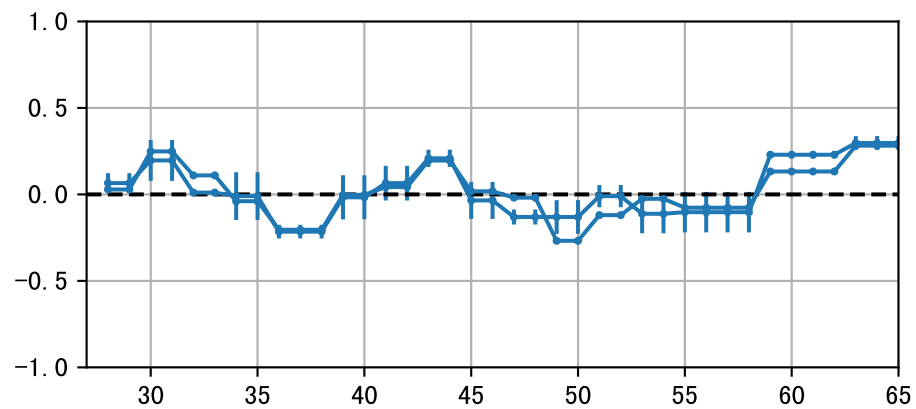
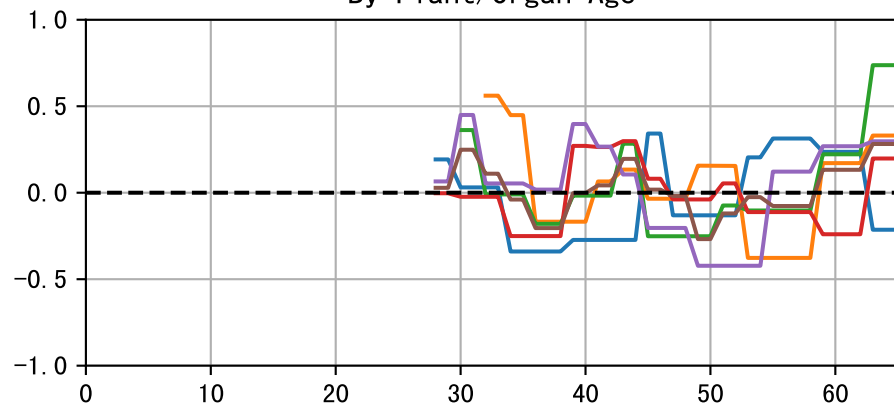
a (Def=0.42 Set=0.44)
avg1=0.43~3% avg2=0.44~2%



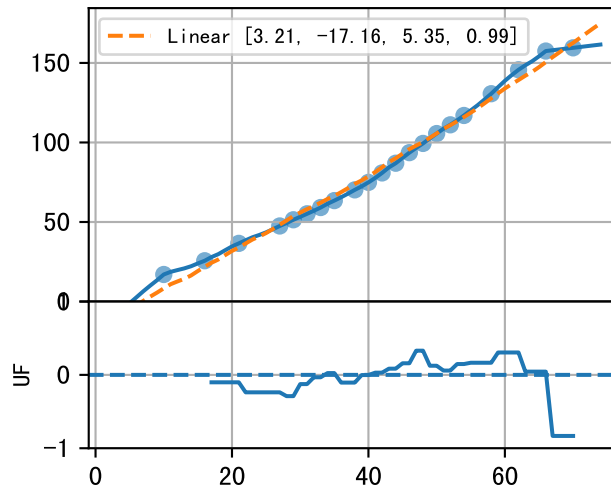
By Start Date



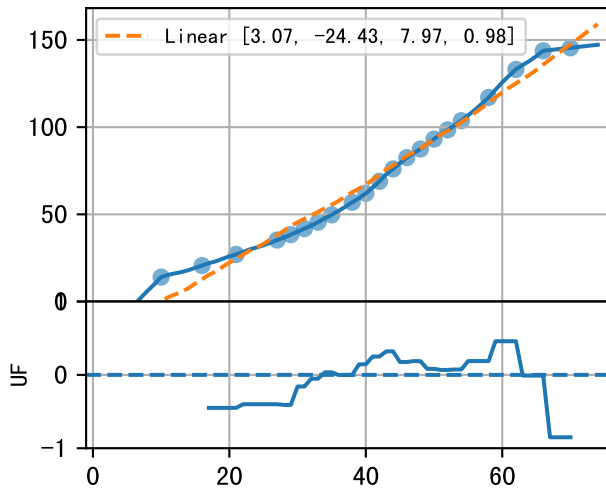
By Plant/Organ Age



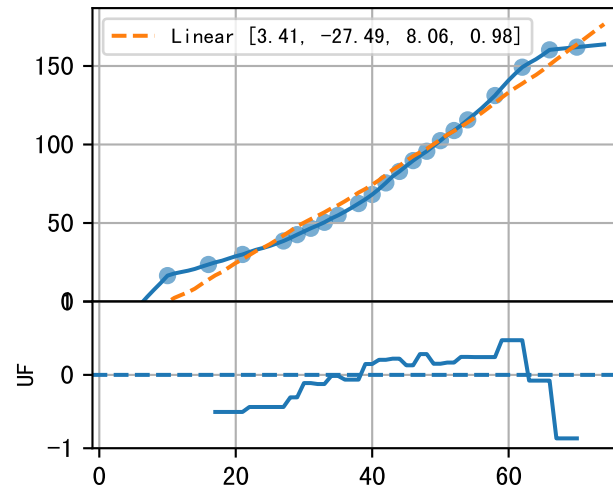
P9AW-005-13



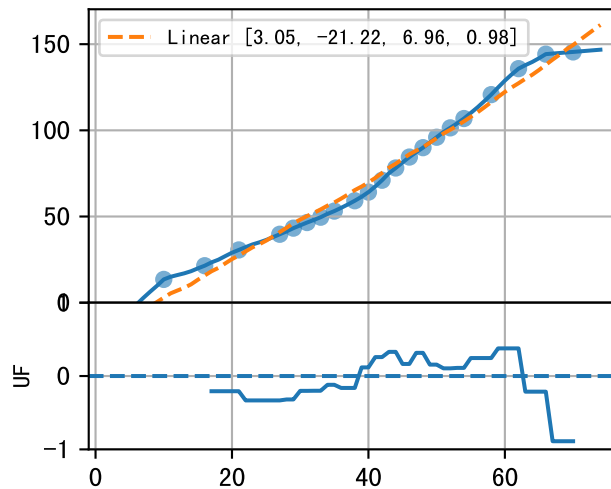
P9AW-017-26



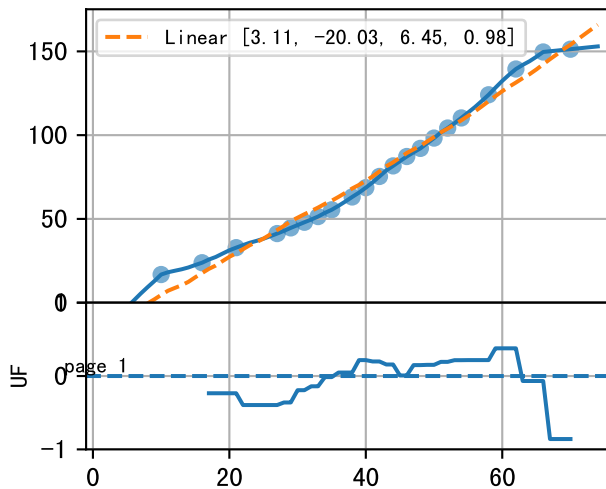
P9AW-029-11



P9AW-040-22

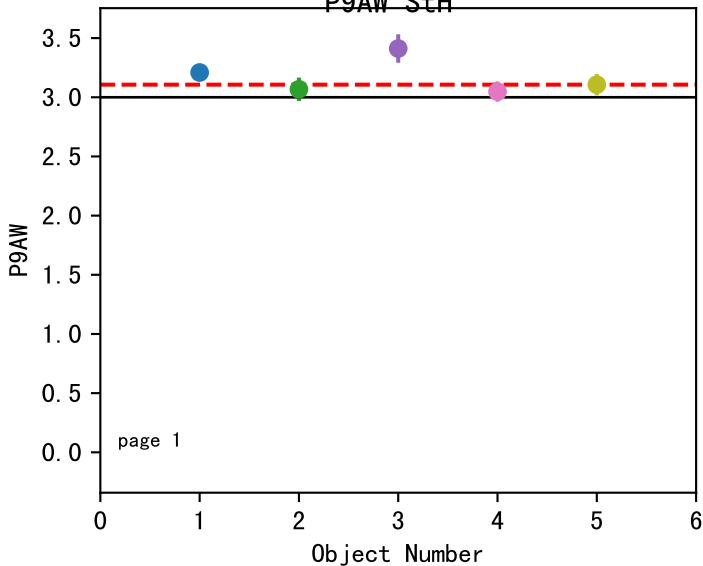


P9AW-052-18

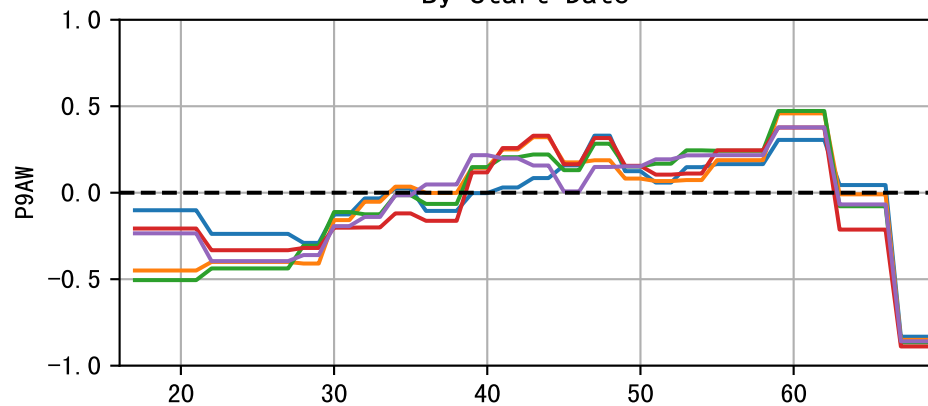


a (Def=3 Set=3.11)
avg1=3.11~5% avg2=na

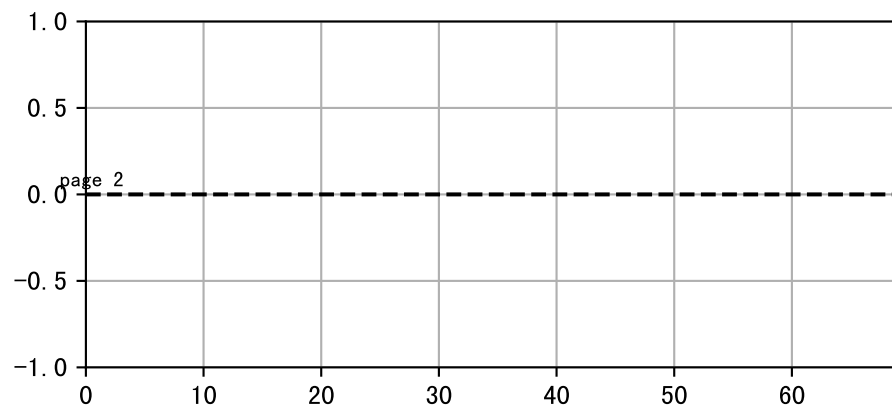
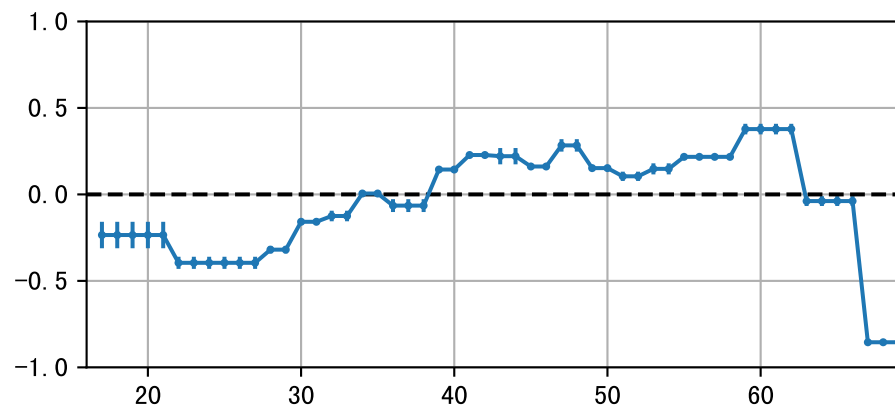
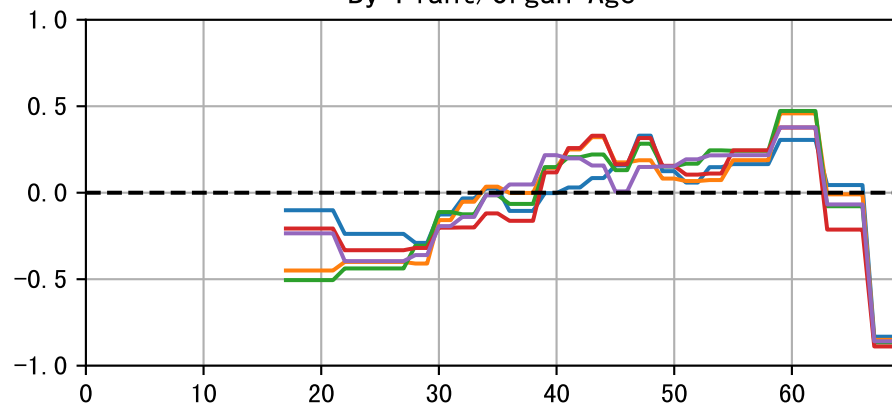
P9AW StH



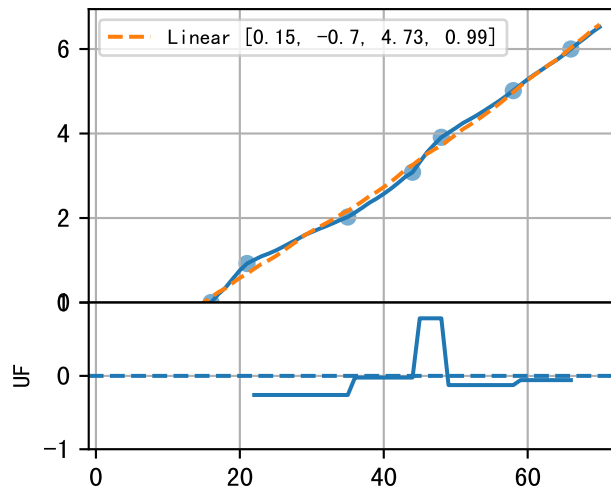
By Start Date



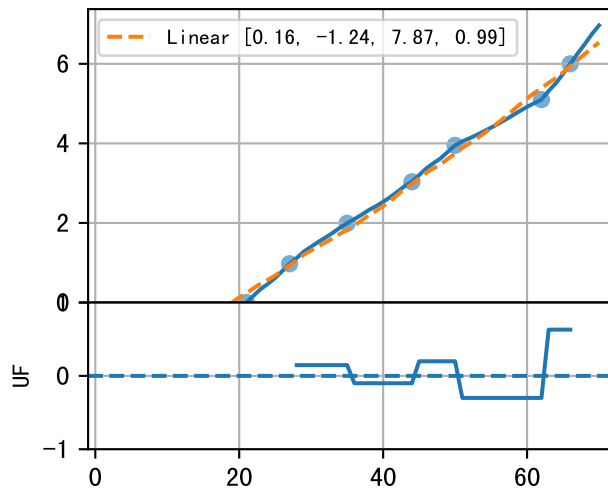
By Plant/Organ Age



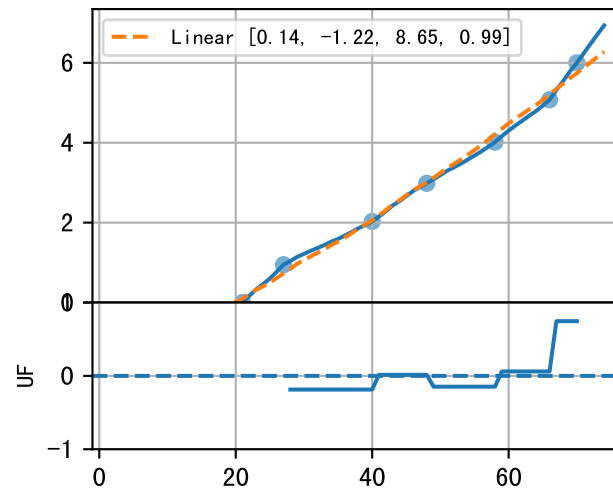
P9AW-005-13



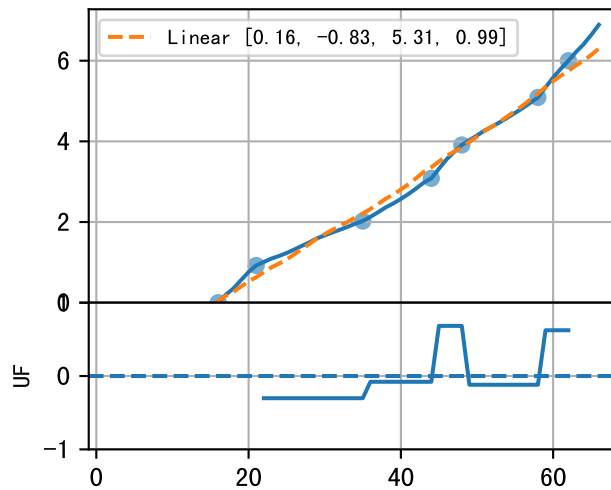
P9AW-017-26



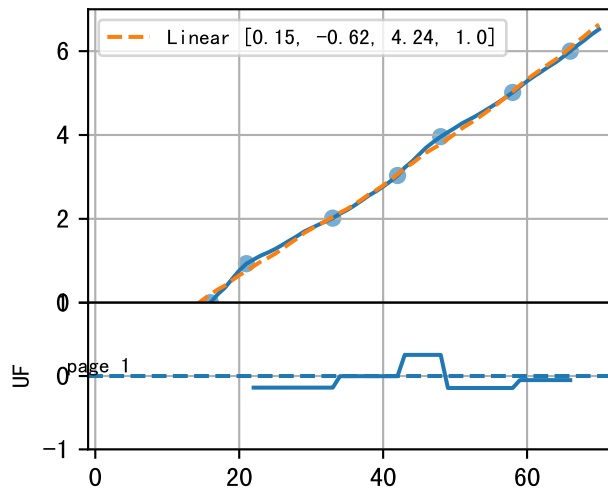
P9AW-029-11



P9AW-040-22



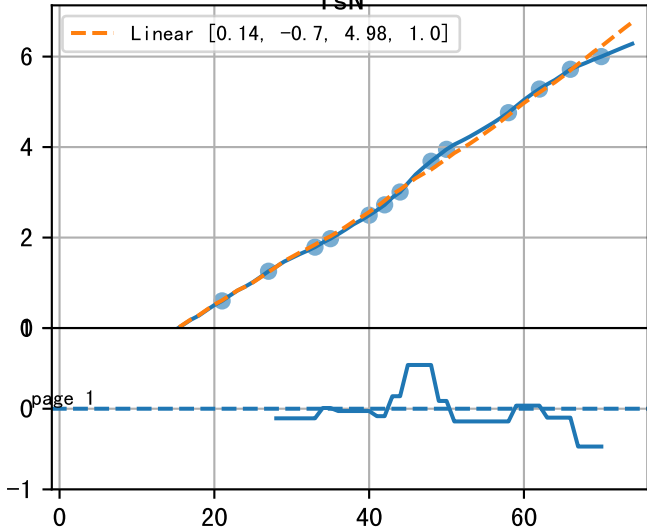
P9AW-052-18



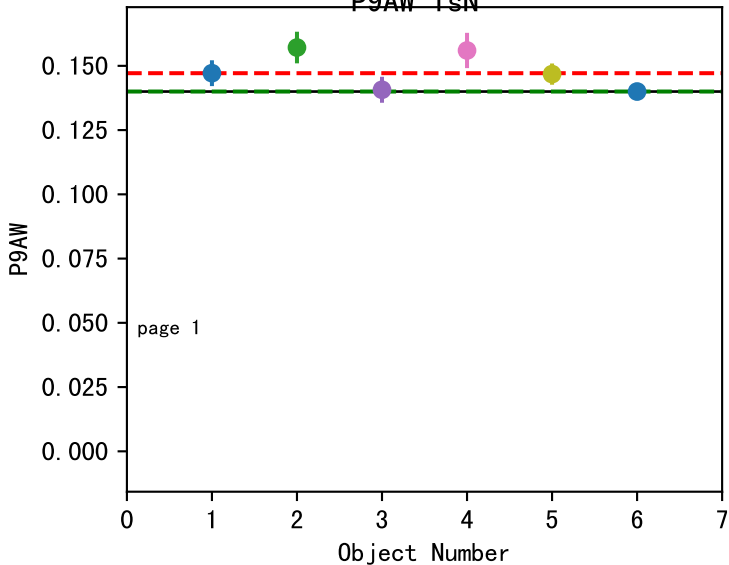
P9AWavg
T_{SN}

Linear [0.14, -0.7, 4.98, 1.0]

UF
page 1

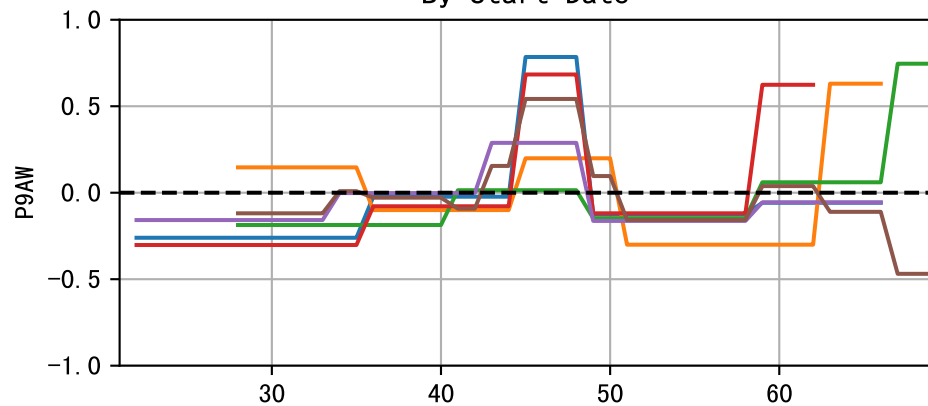


a (Def=0.14 Set=0.14)
avg1=0.15~5% avg2=0.14~4%
P9AW TSN

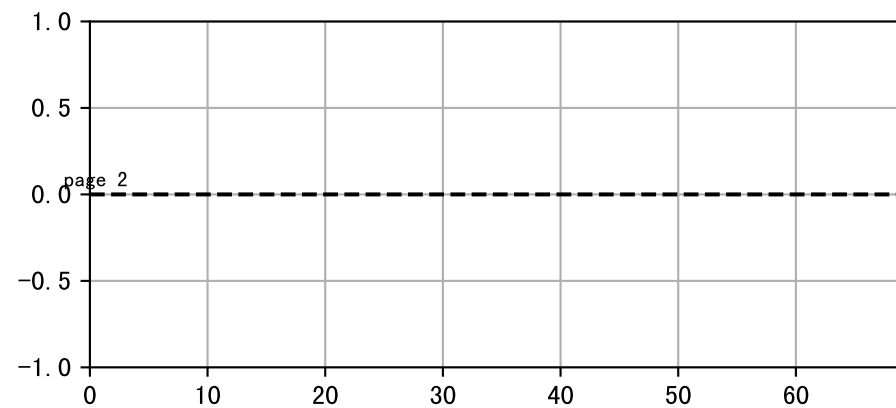
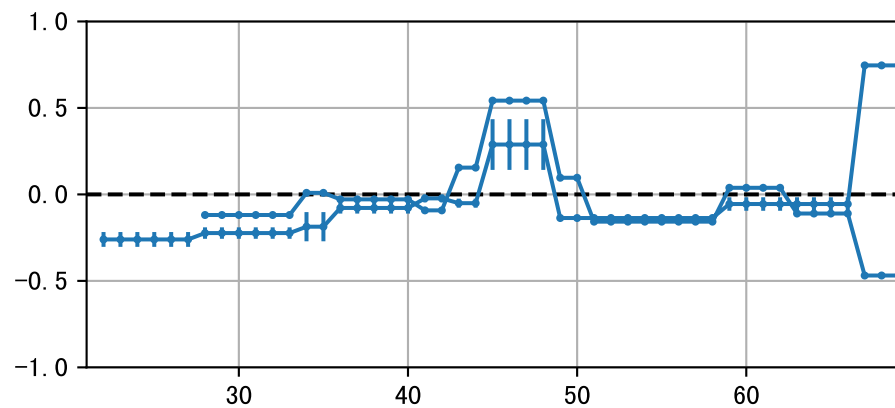
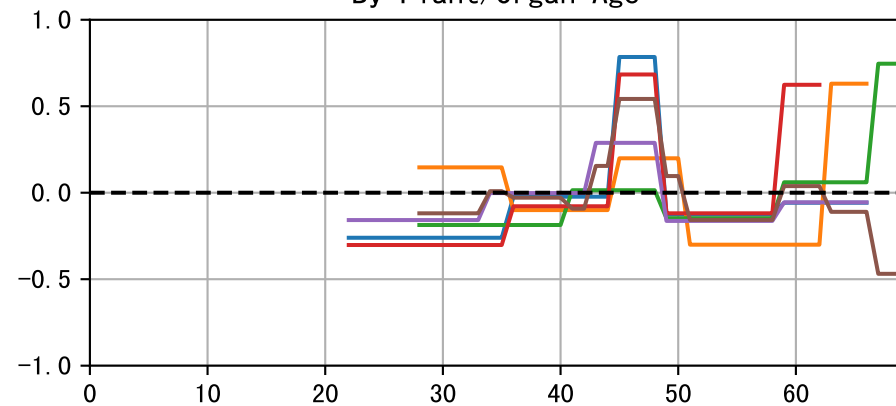


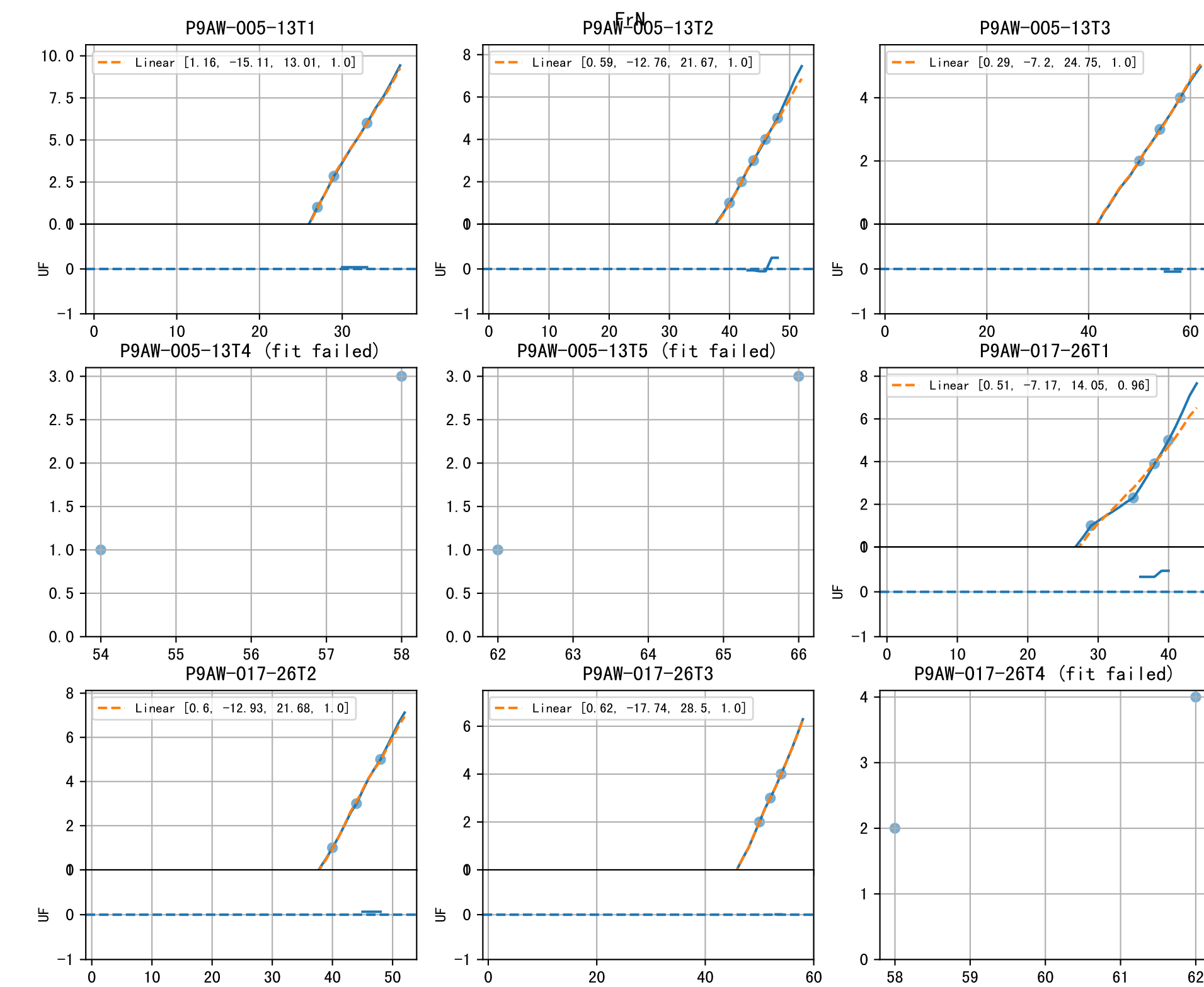
page 1

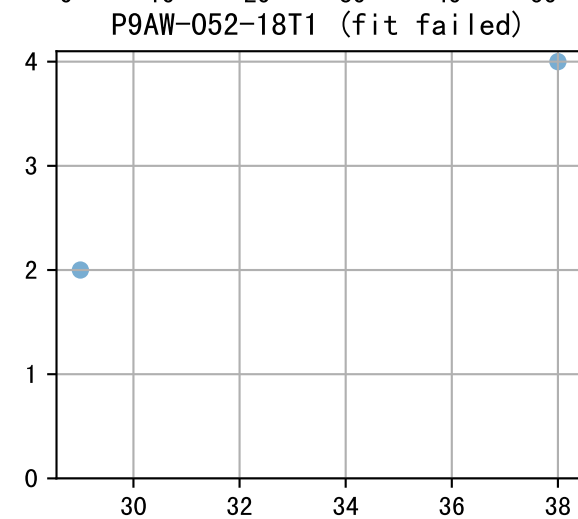
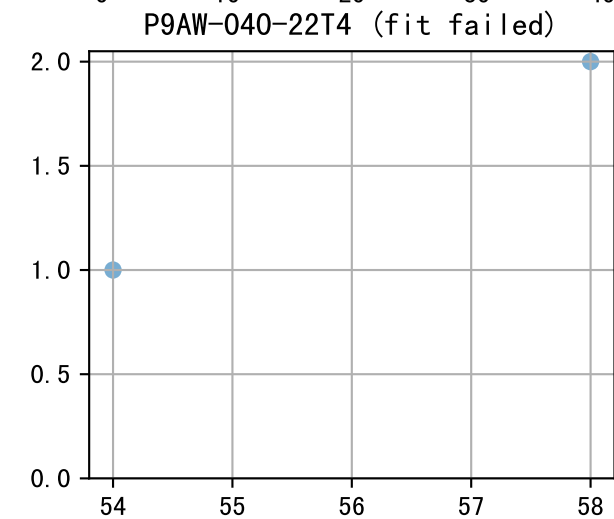
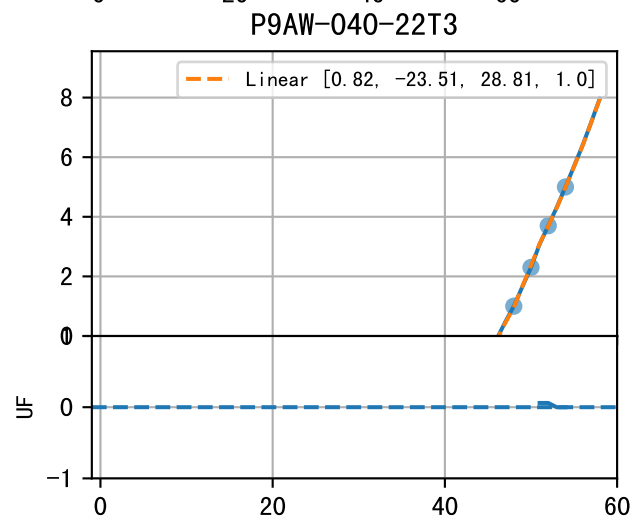
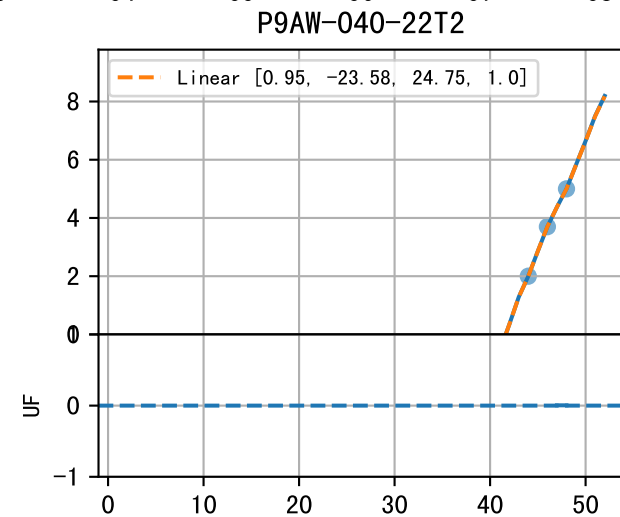
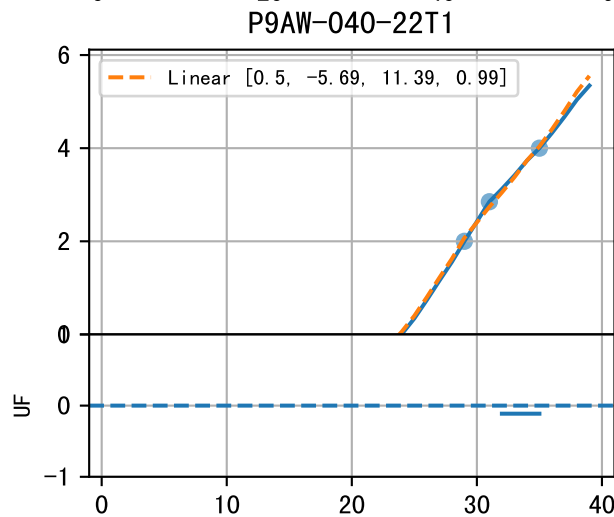
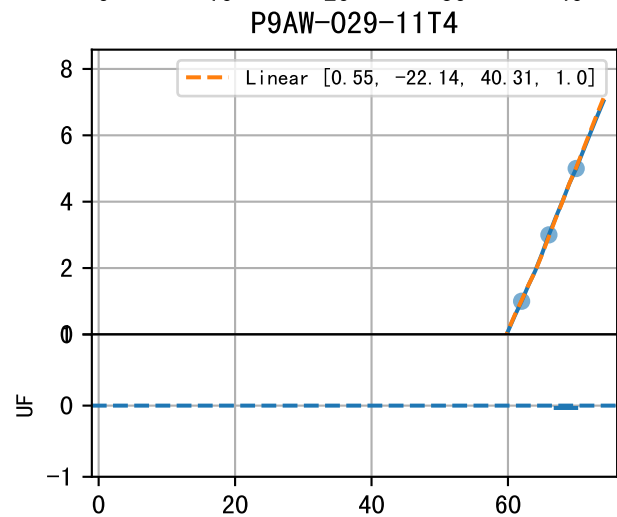
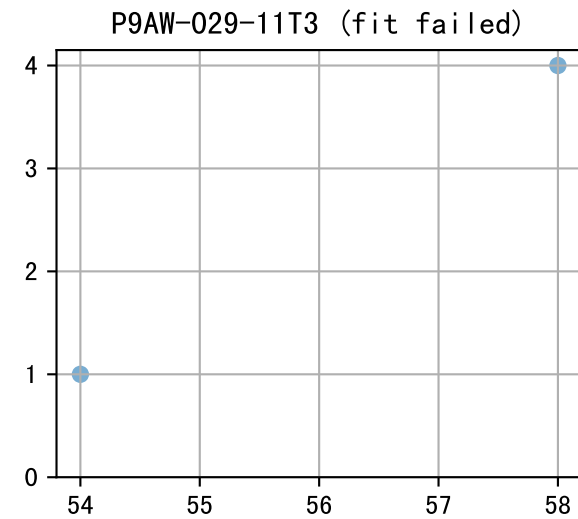
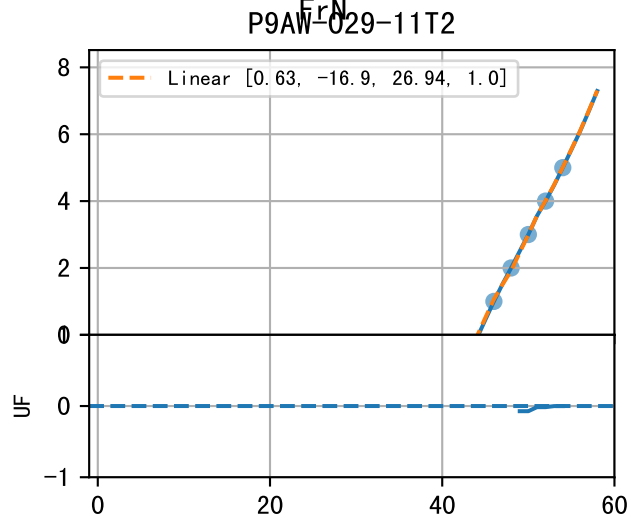
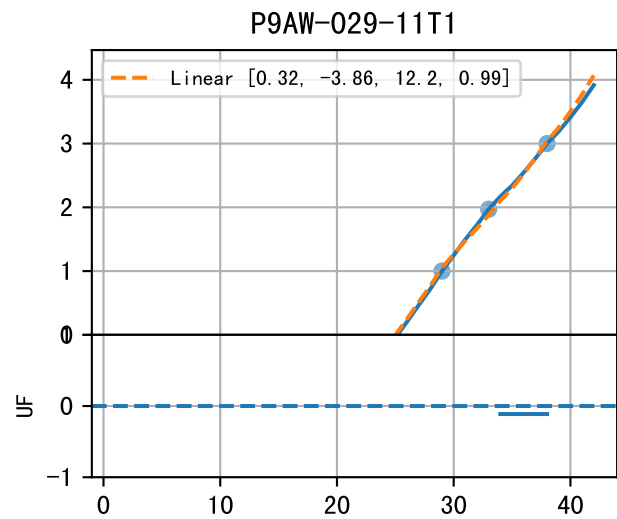
By Start Date



By Plant/Organ Age

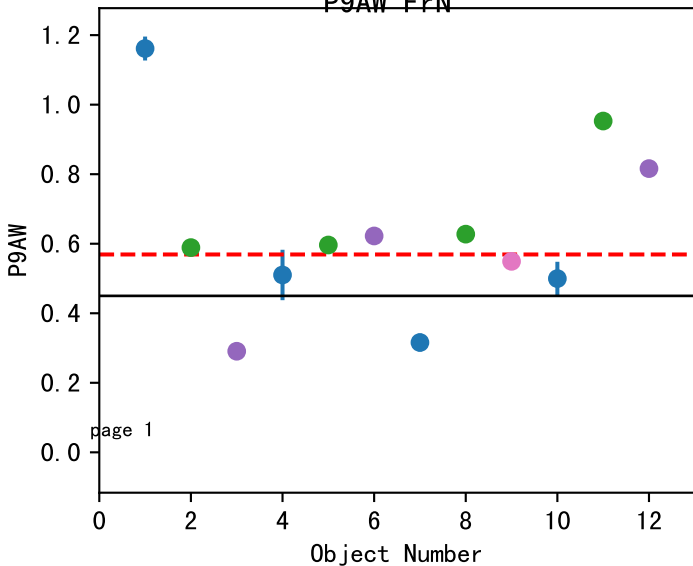




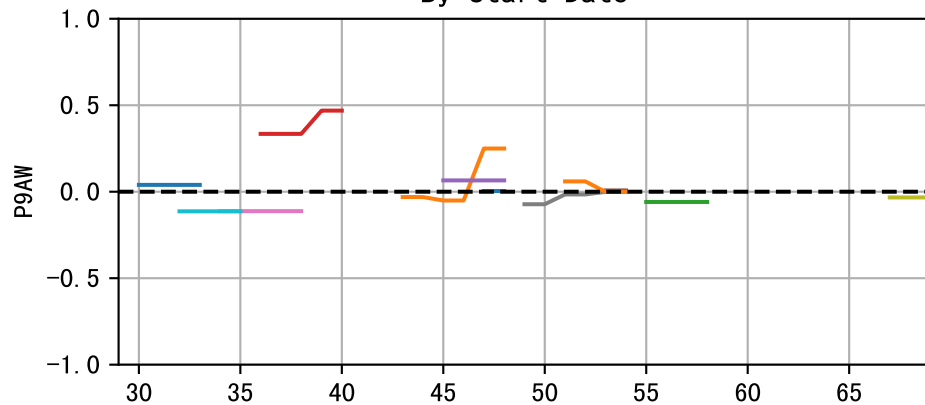




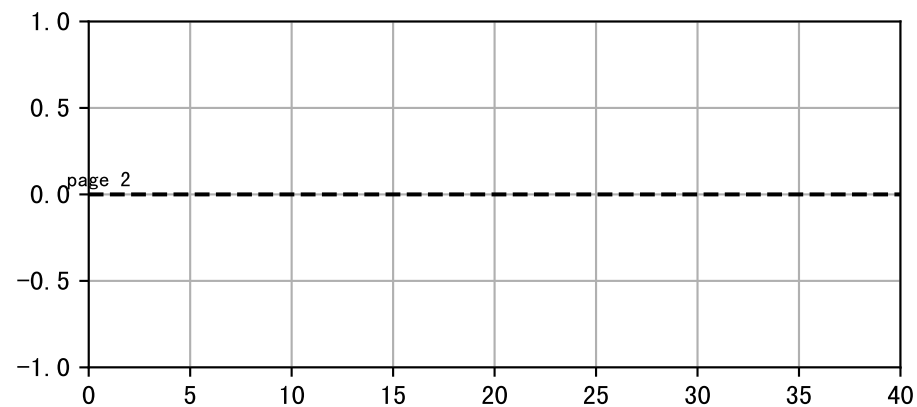
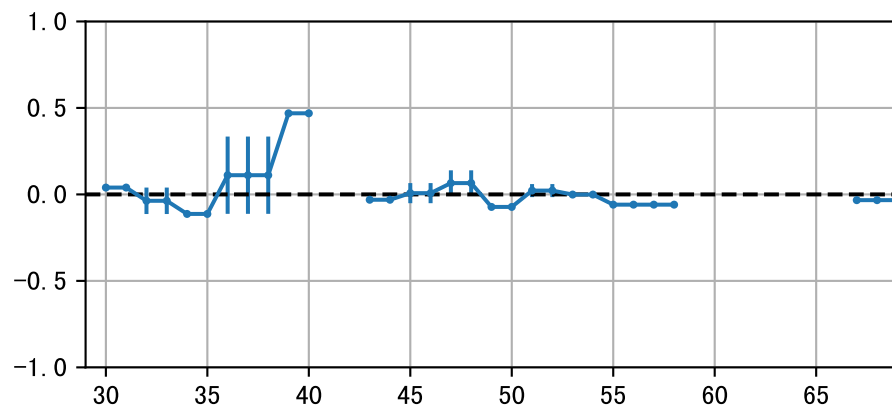
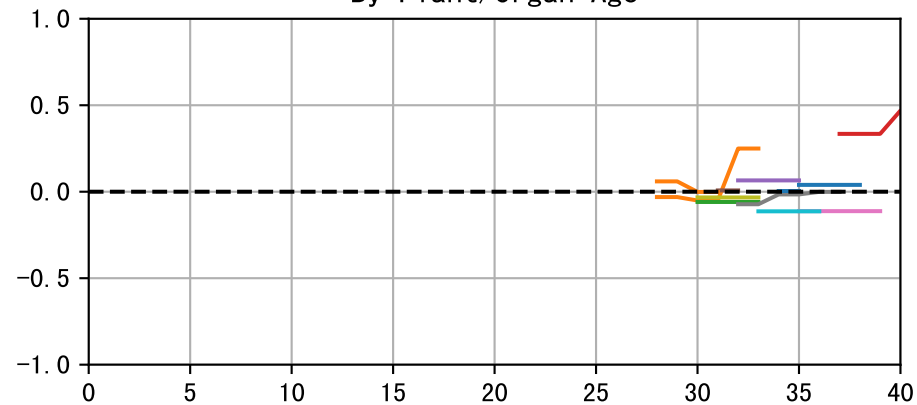
a (Def=0.45 Set=0.57)
avg1=0.57~27% avg2=na

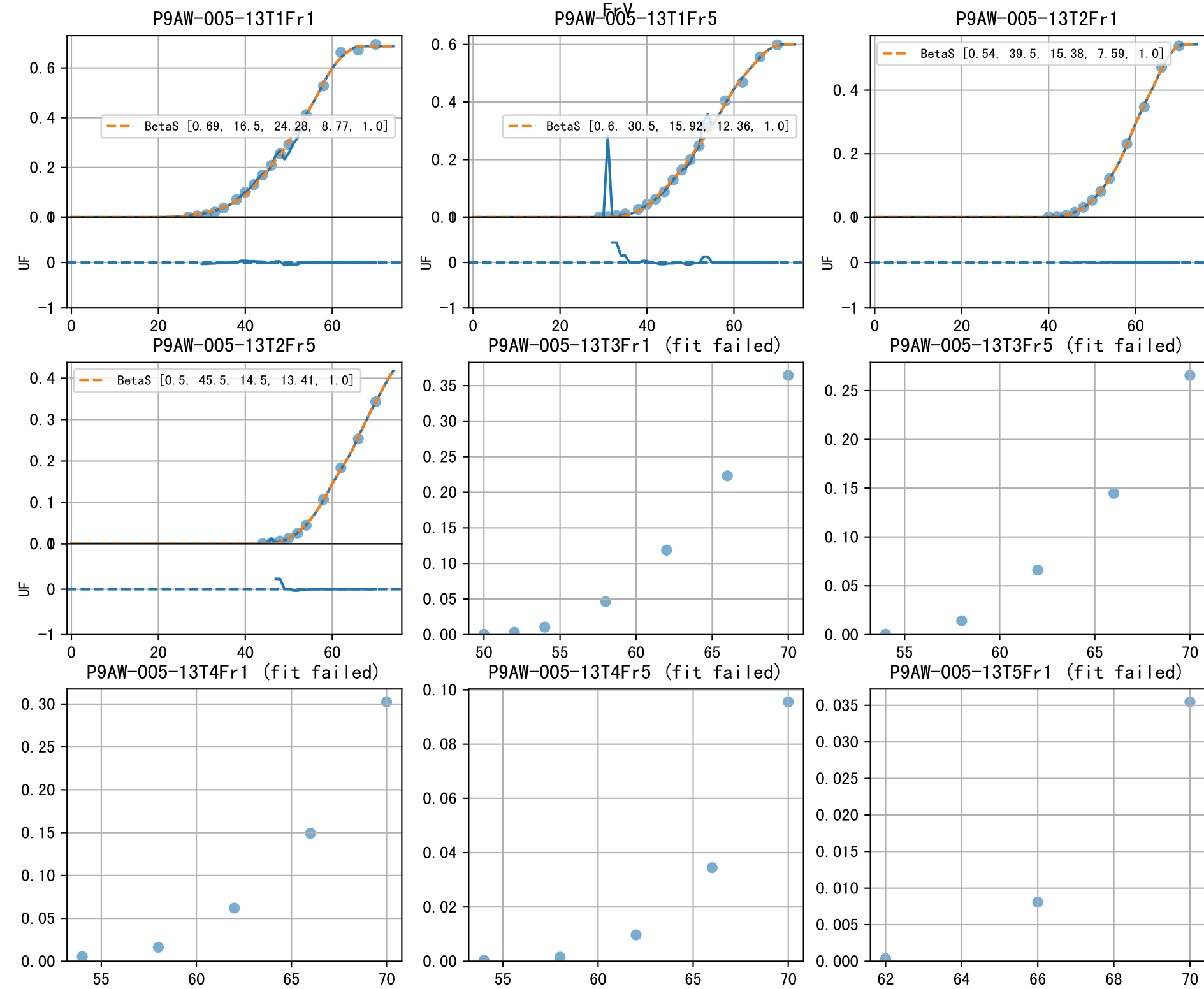


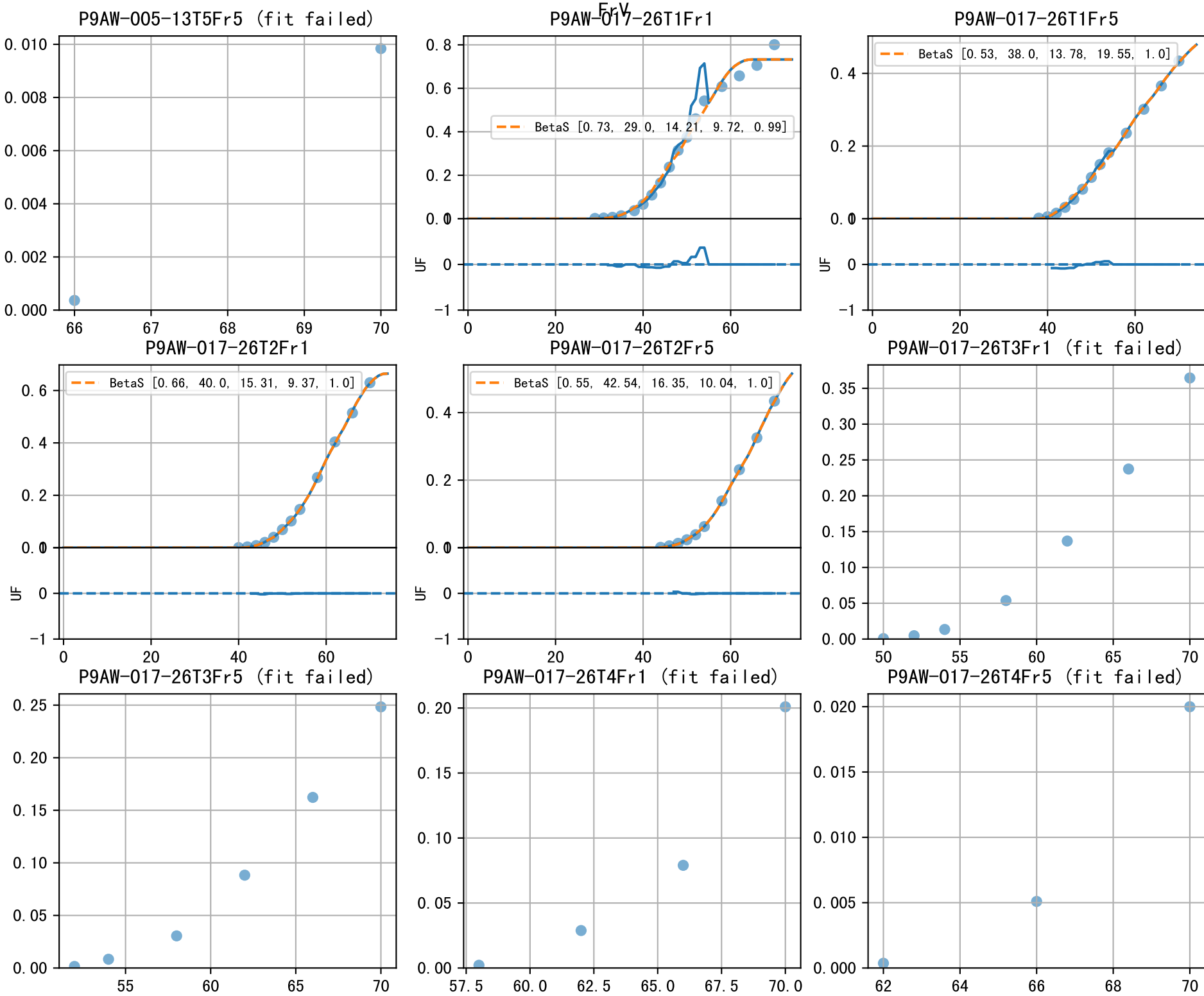
By Start Date



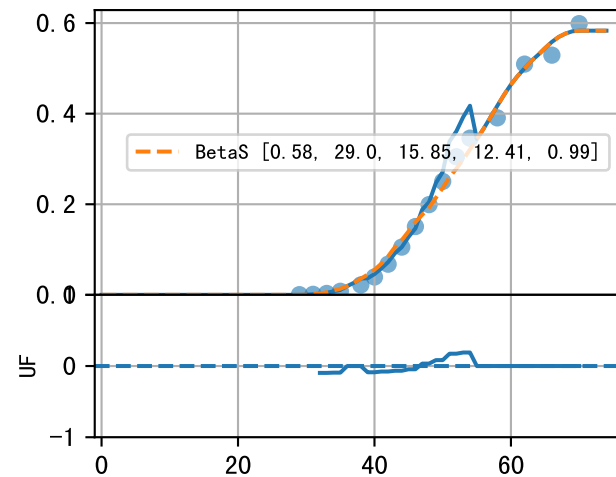
By Plant/Organ Age



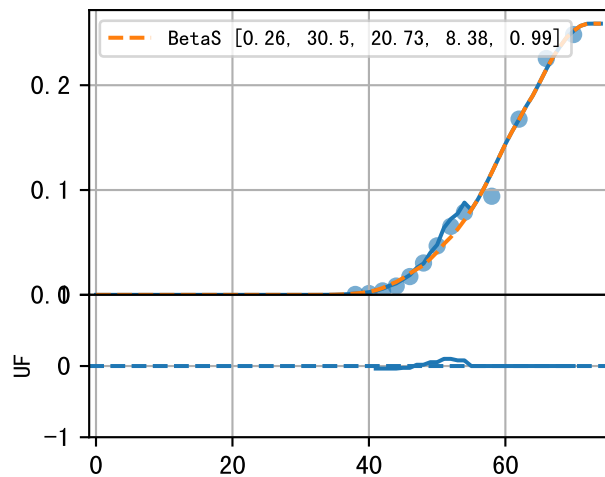




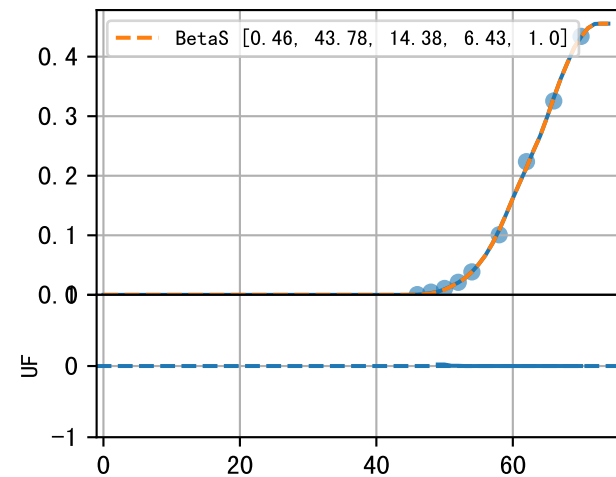
P9AW-029-11T1Fr1



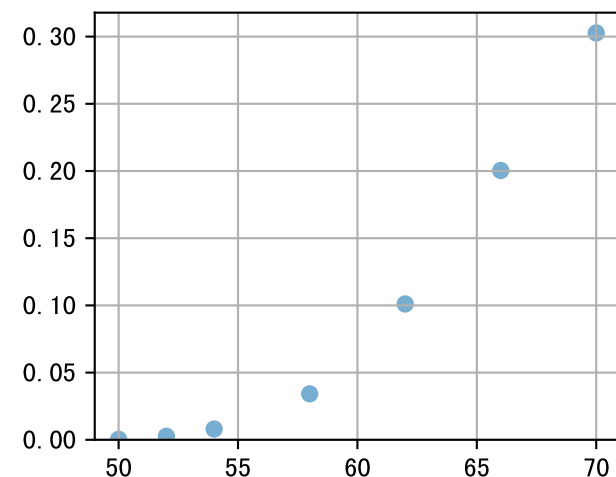
P9AW-029-11T1Fr5



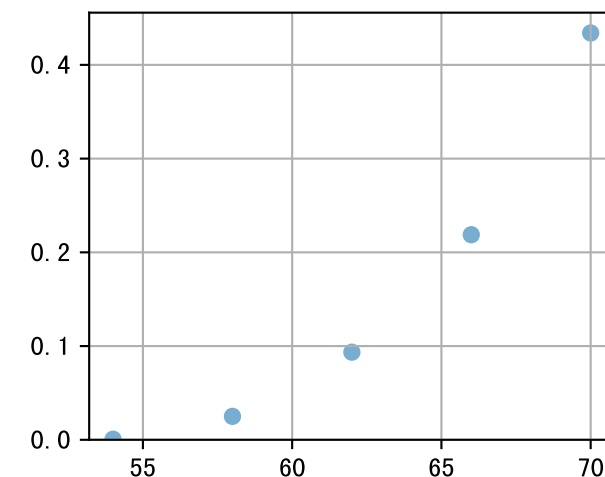
P9AW-029-11T2Fr1



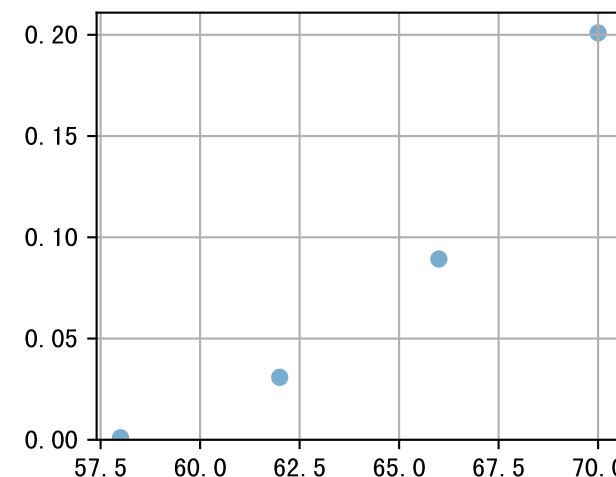
P9AW-029-11T2Fr5 (fit failed)



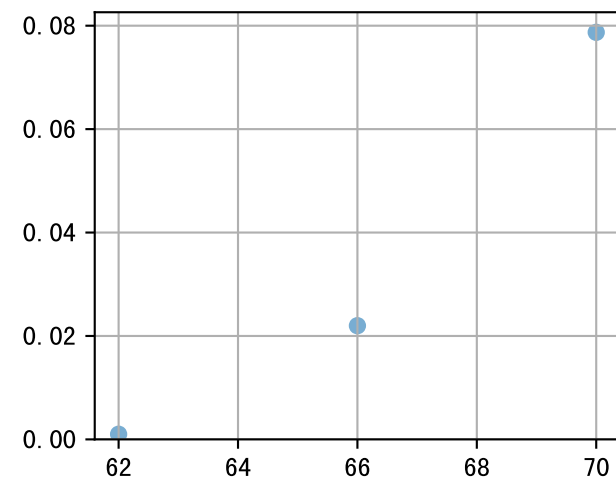
P9AW-029-11T3Fr1 (fit failed)



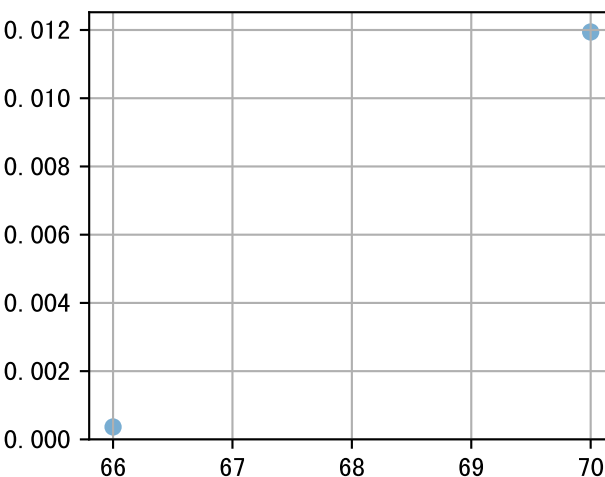
P9AW-029-11T3Fr5 (fit failed)



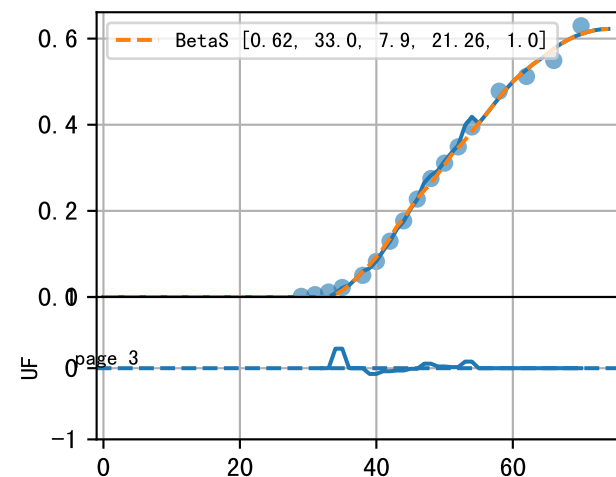
P9AW-029-11T4Fr1 (fit failed)



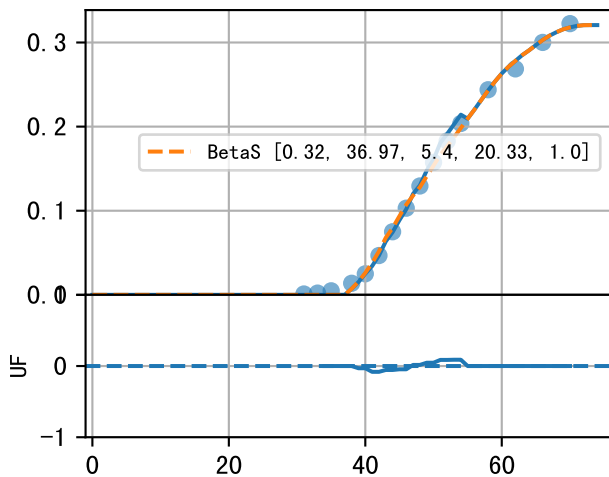
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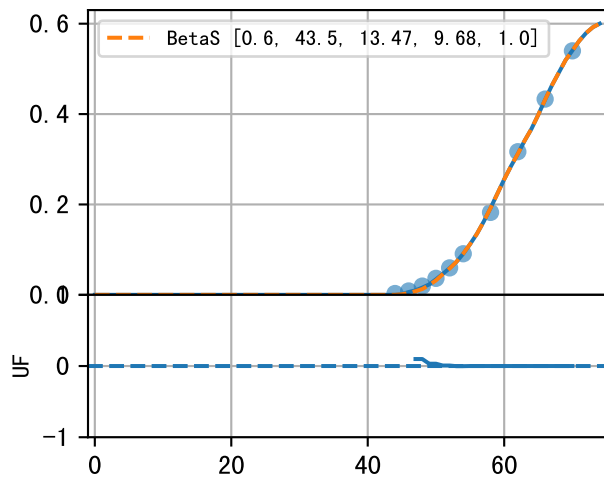
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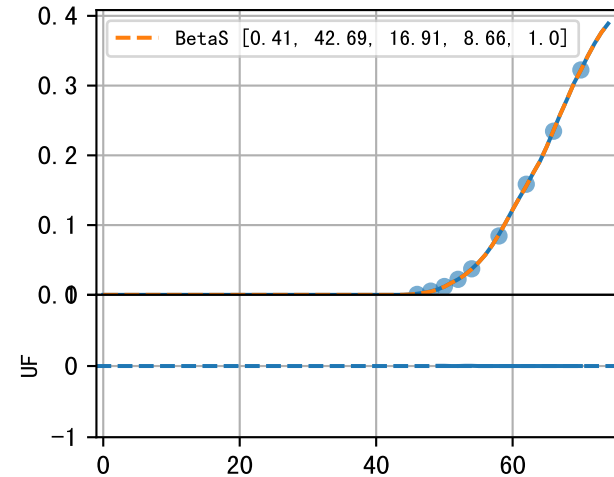
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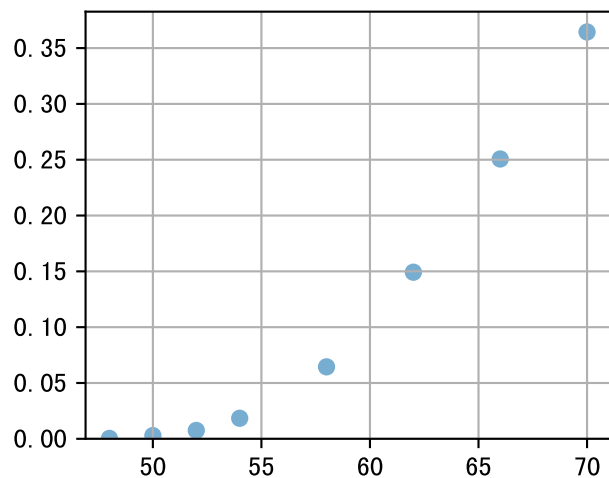
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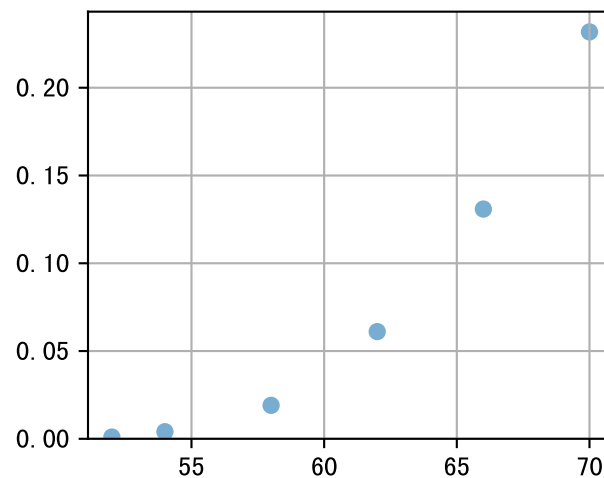
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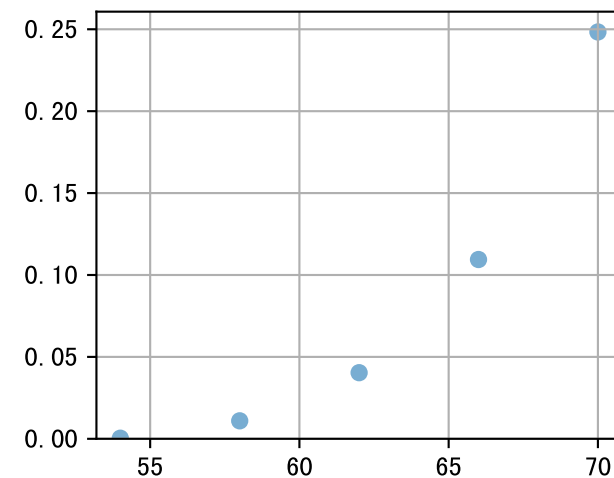
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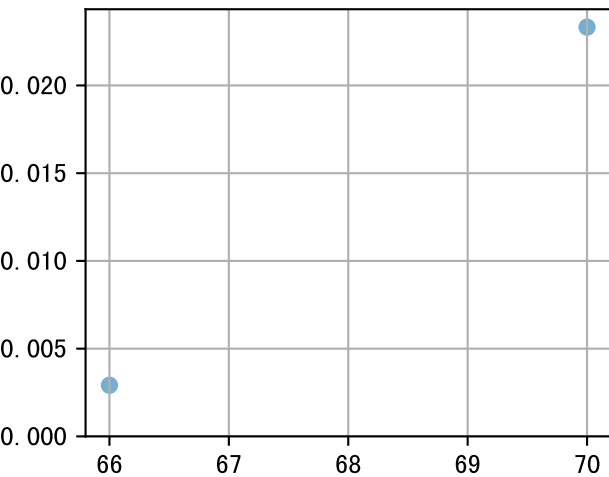
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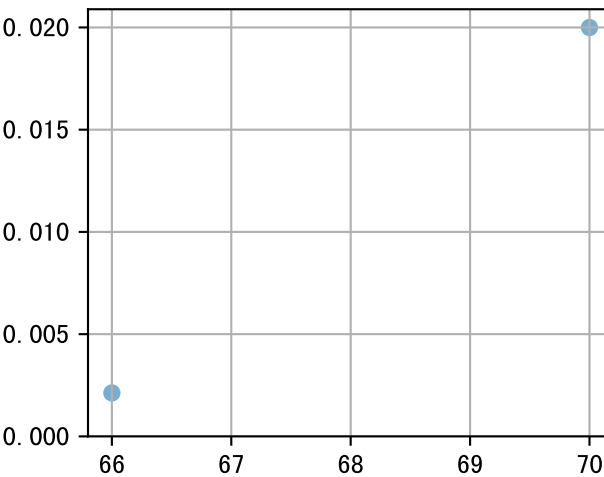
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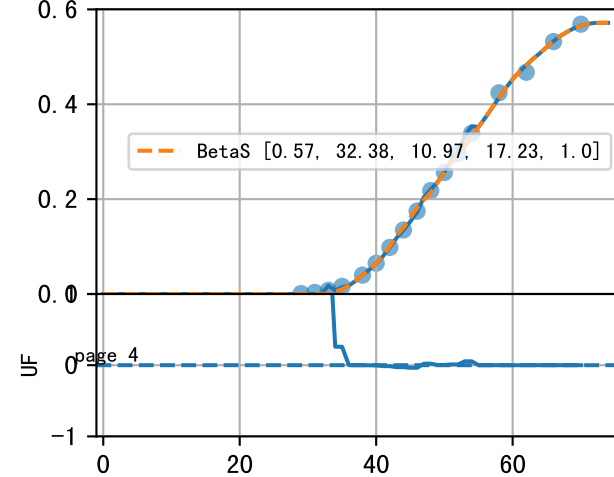
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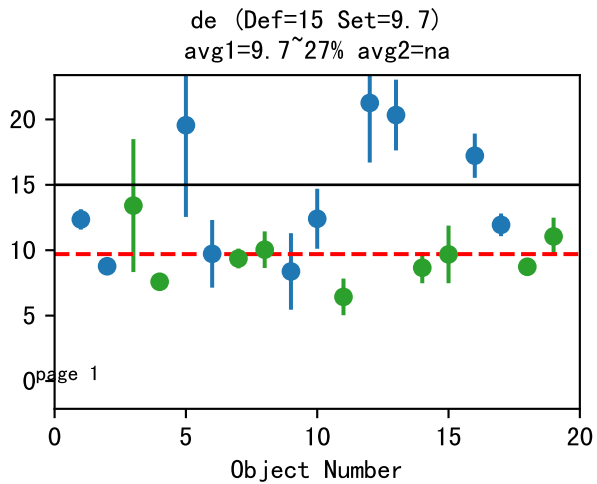
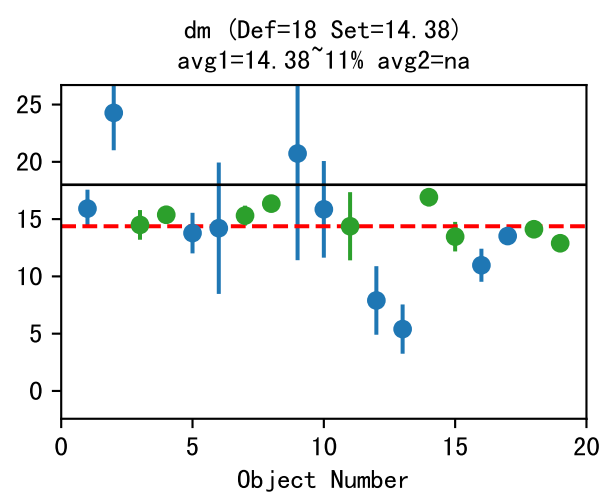
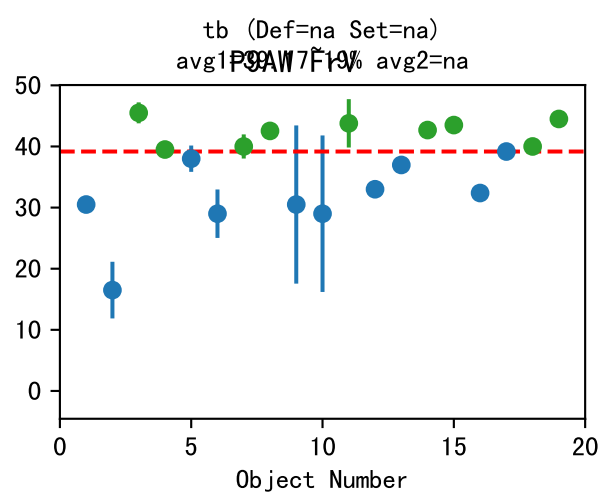
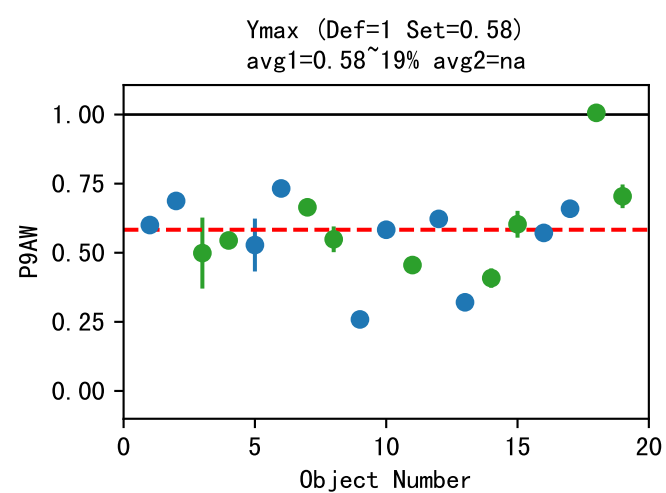
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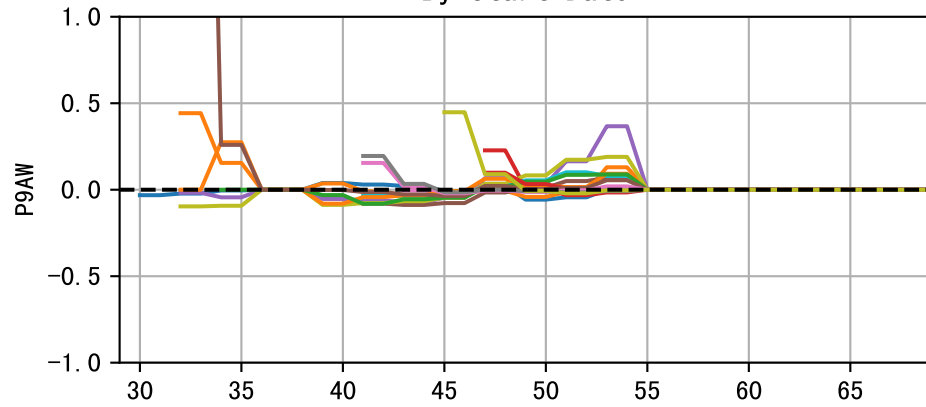
P9AW-052-18T1Fr1



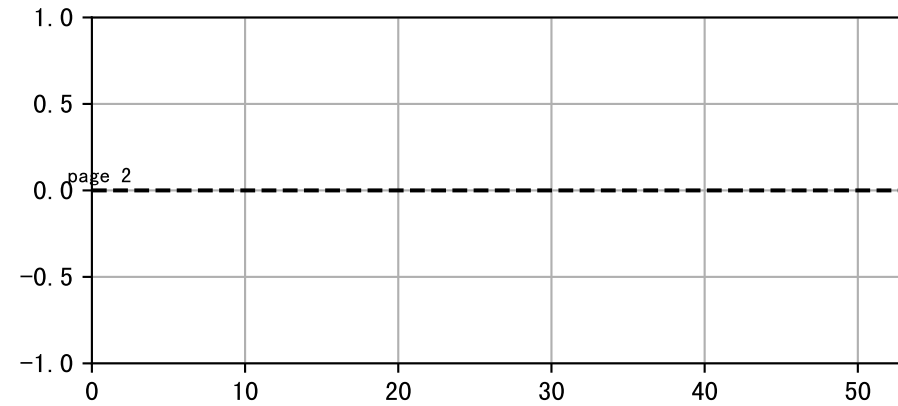
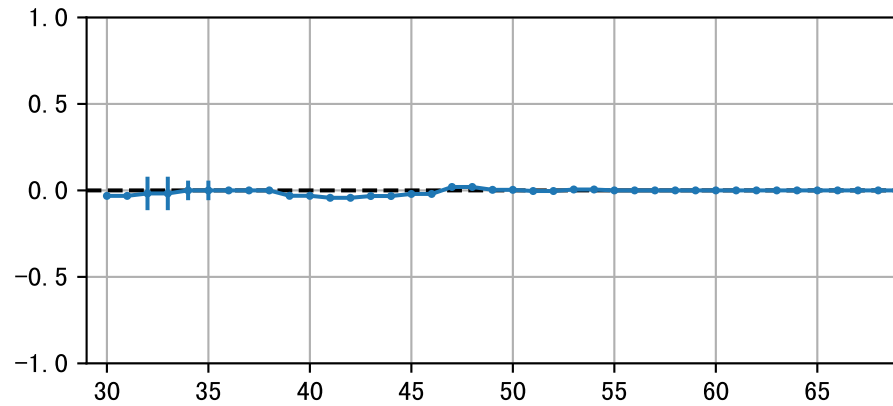
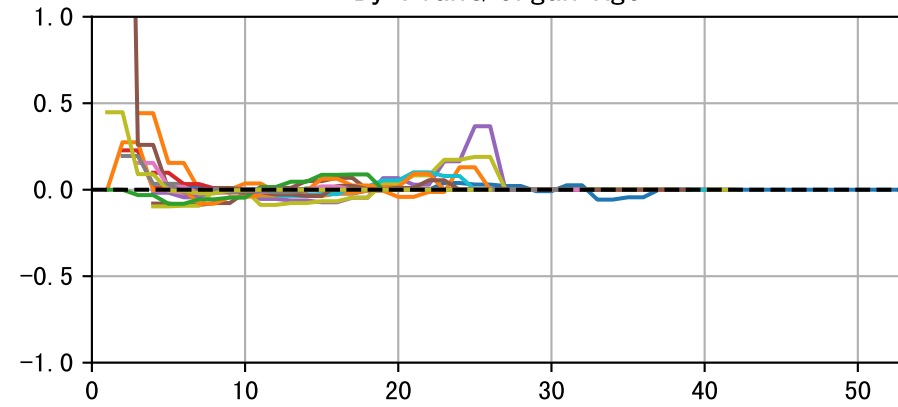




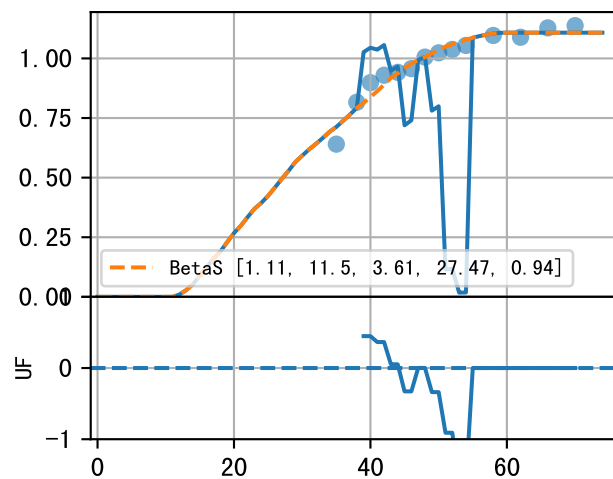
By Start Date



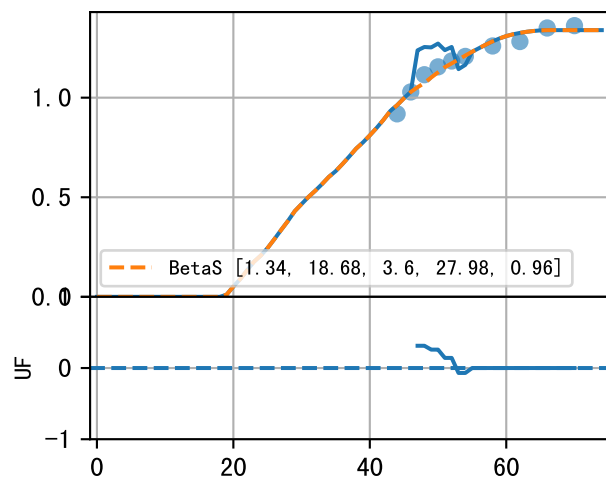
By Plant/Organ Age



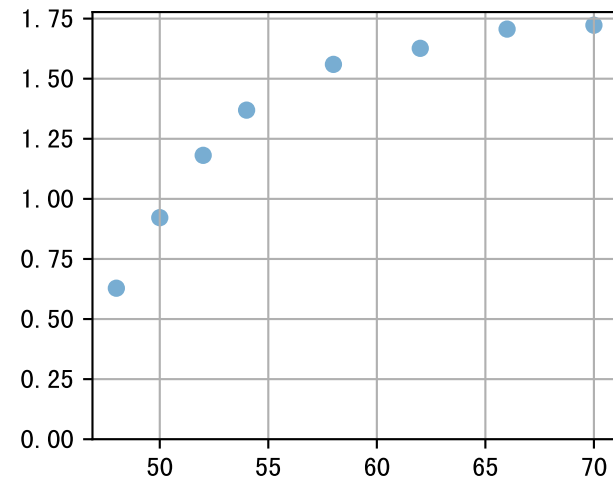
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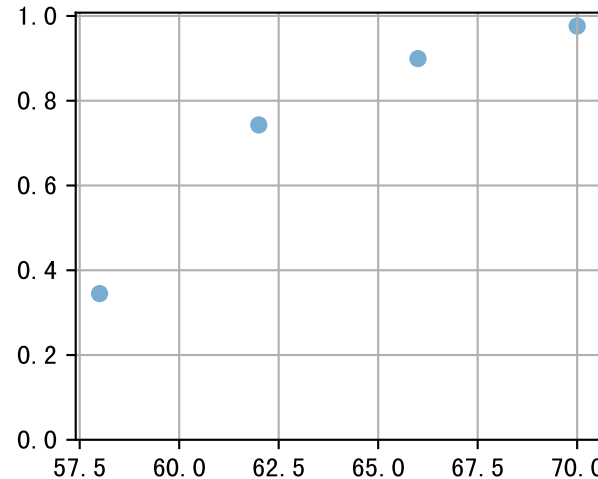
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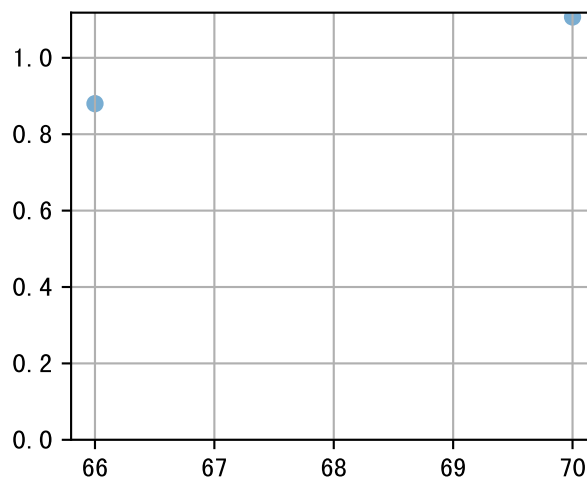
P9AW-005-13L17 (fit failed)



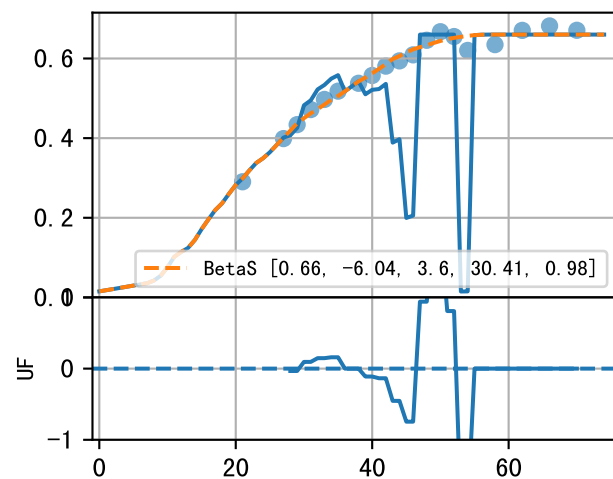
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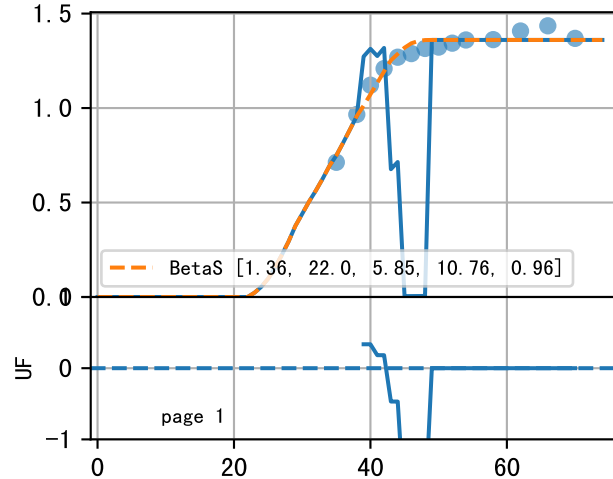
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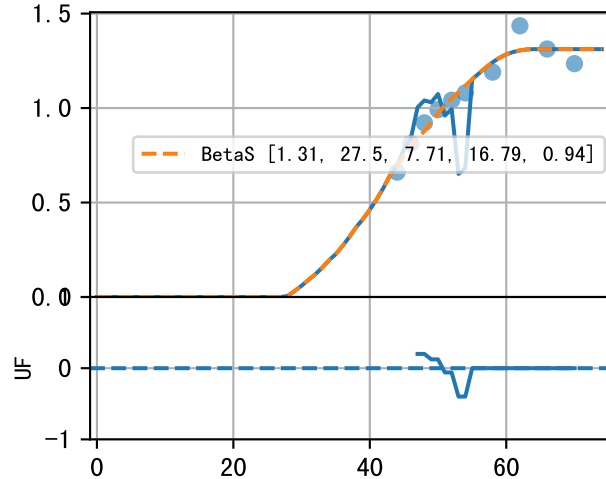
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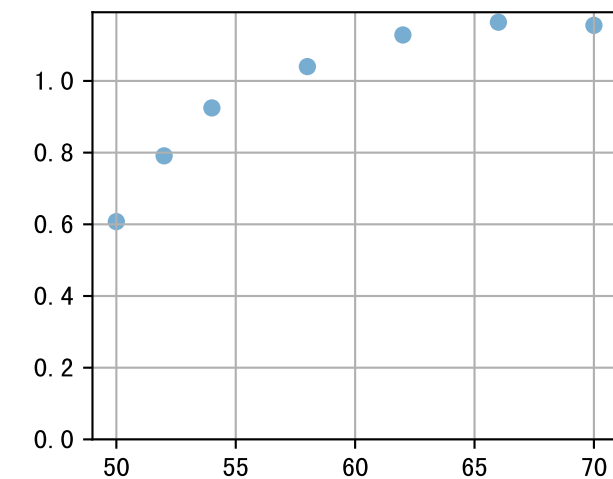
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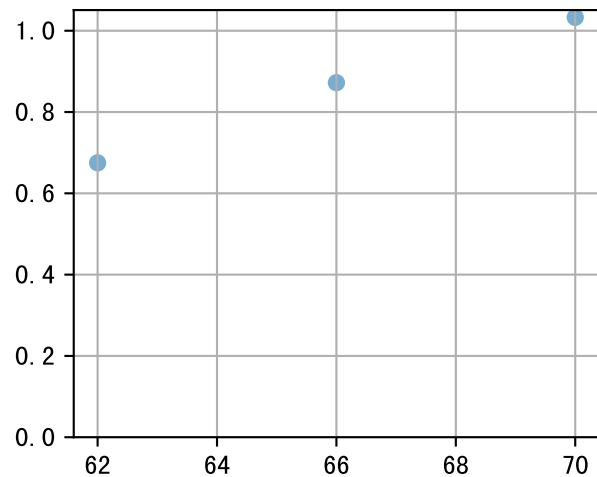
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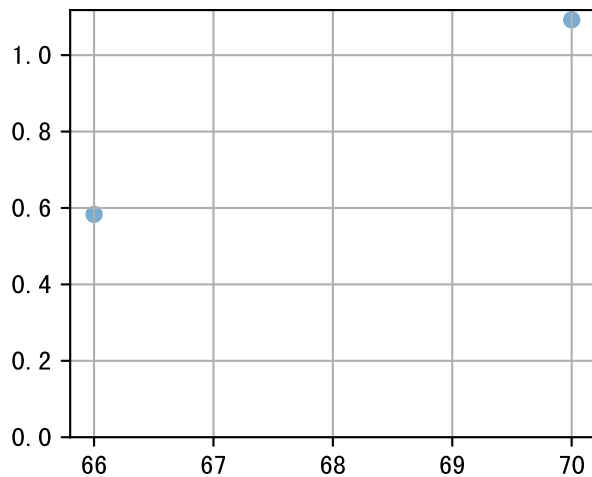
P9AW-017-26L16 (fit failed)



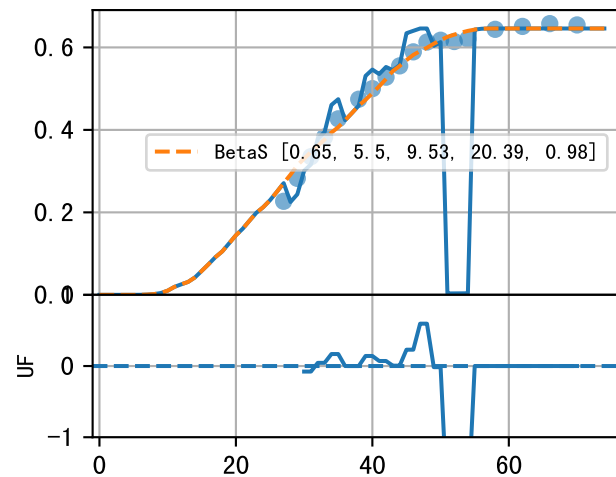
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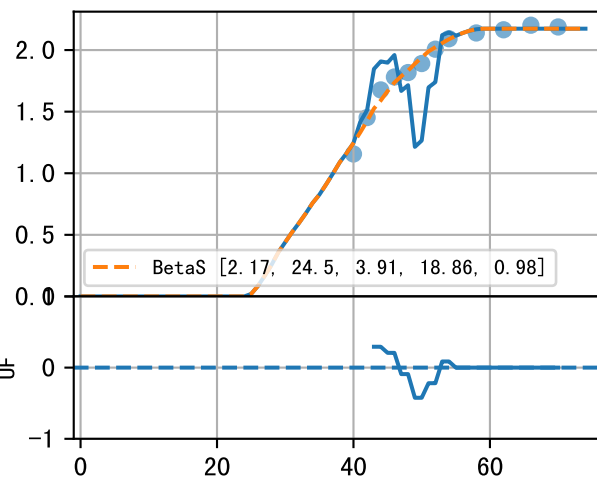
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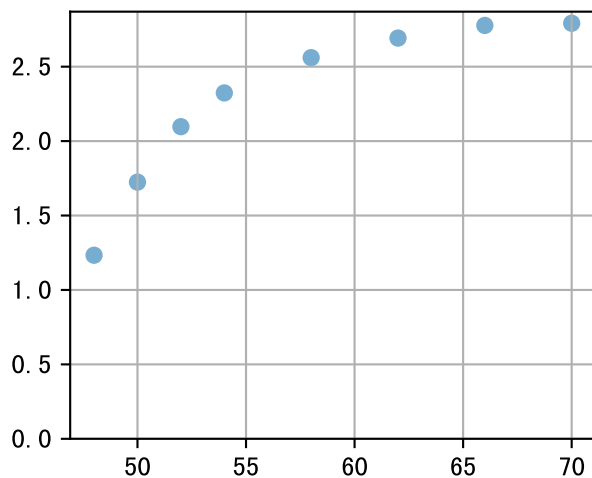
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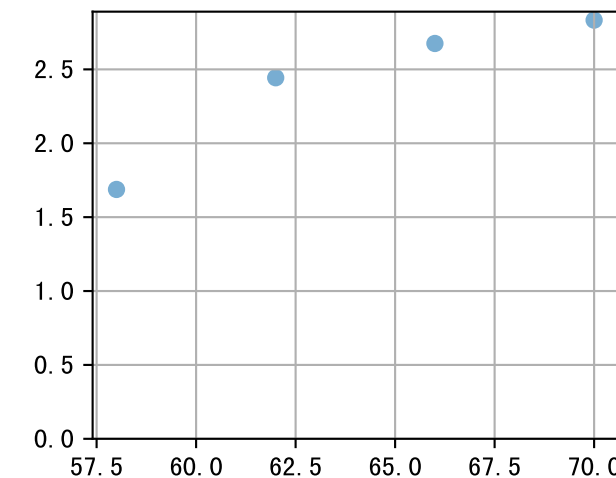
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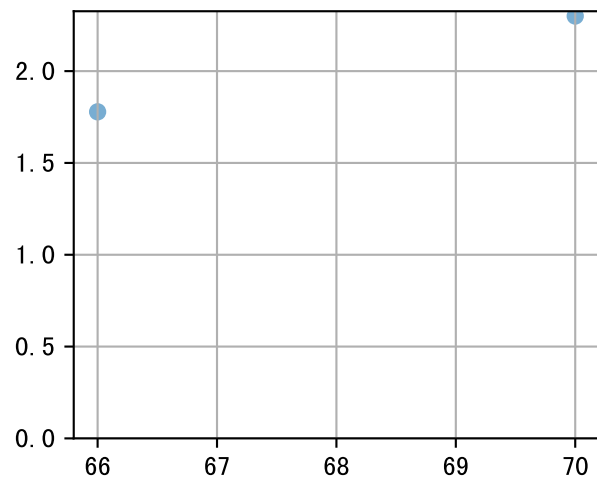
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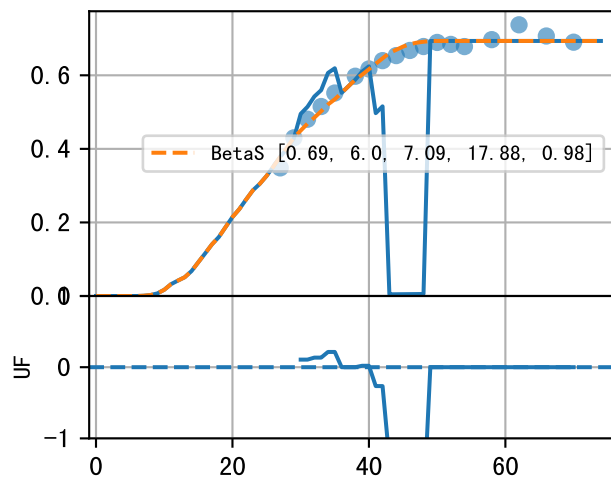
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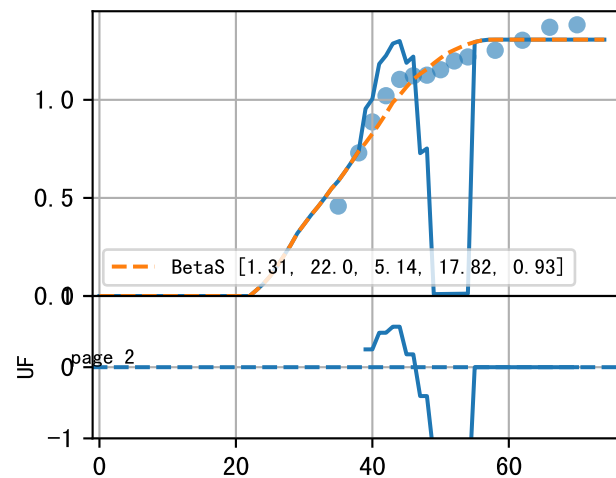
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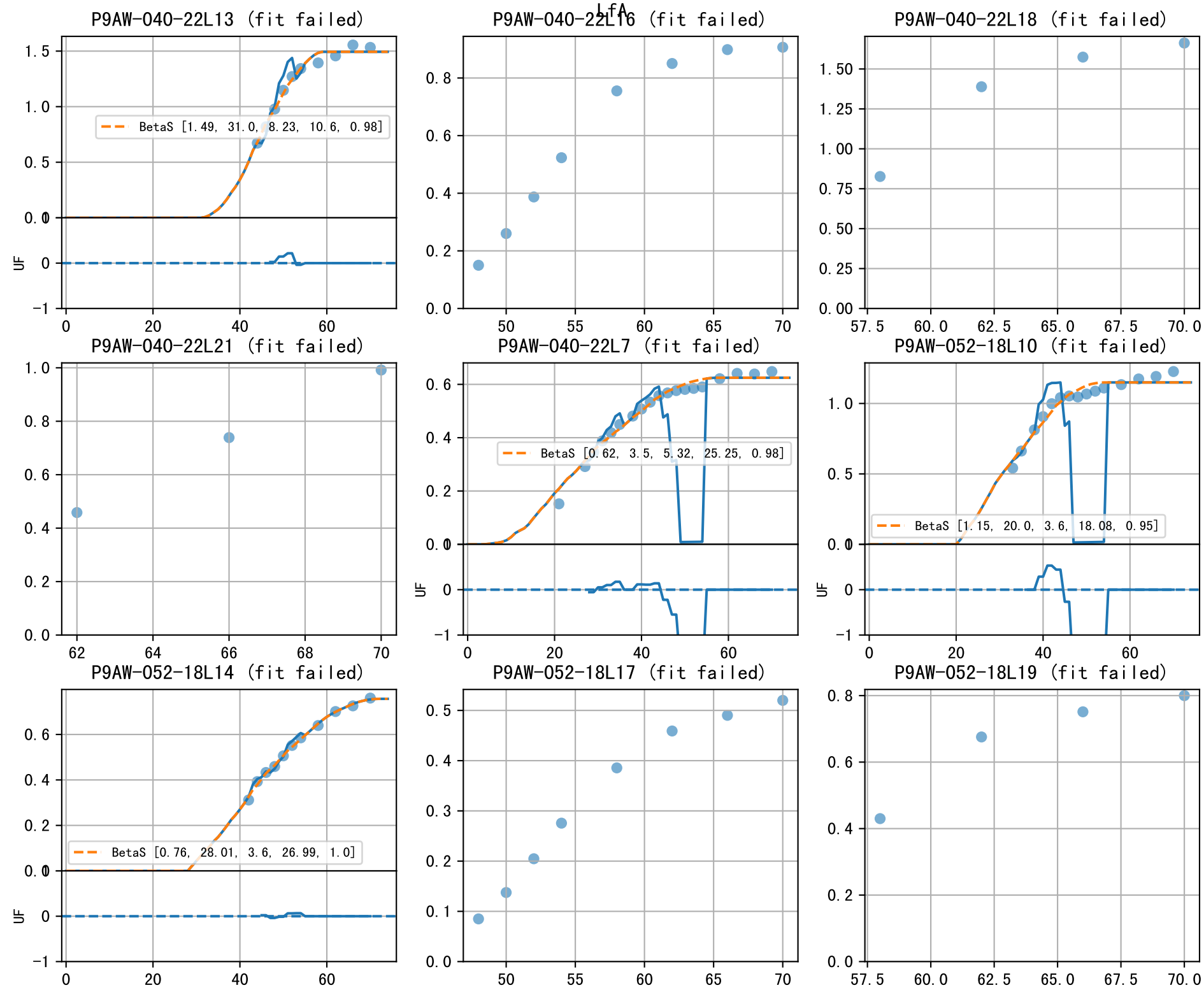


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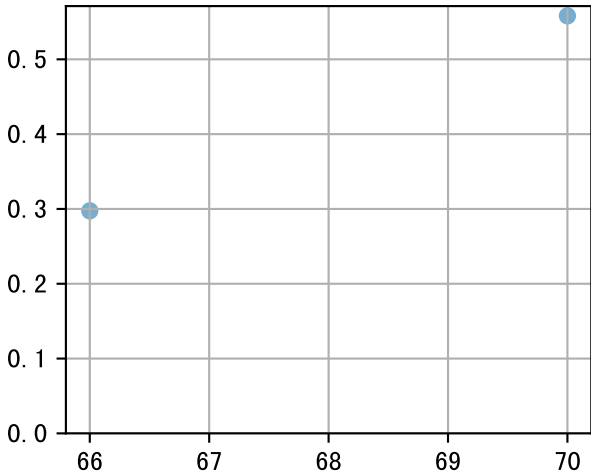


P9AW-040-22L10 (fit failed)

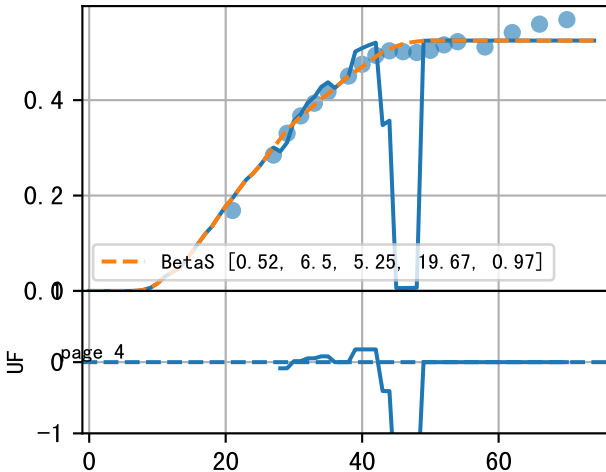


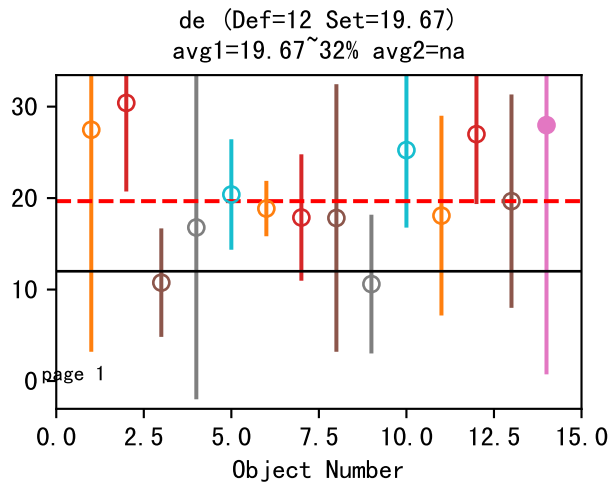
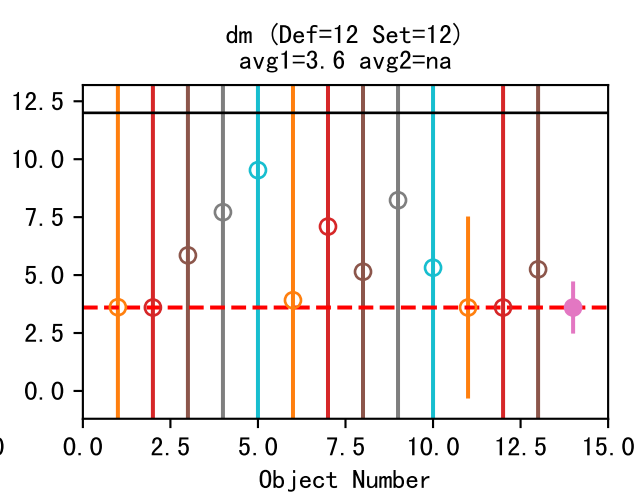
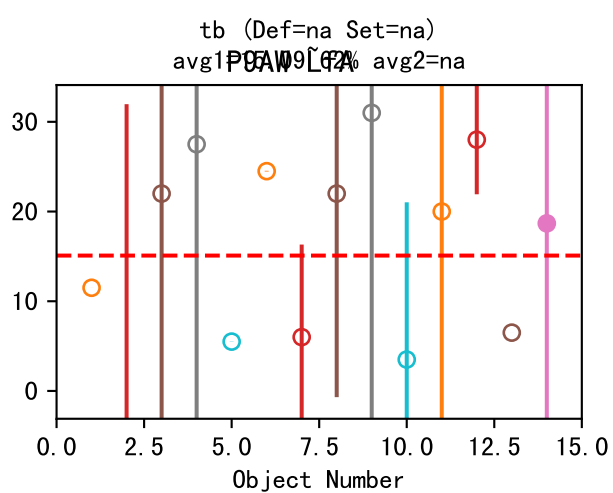
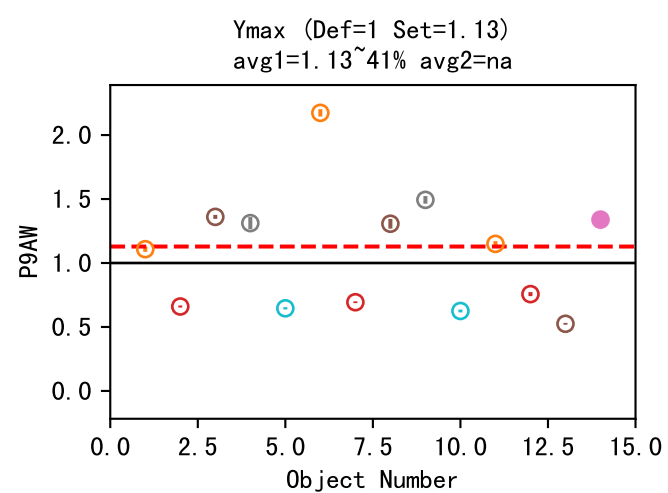


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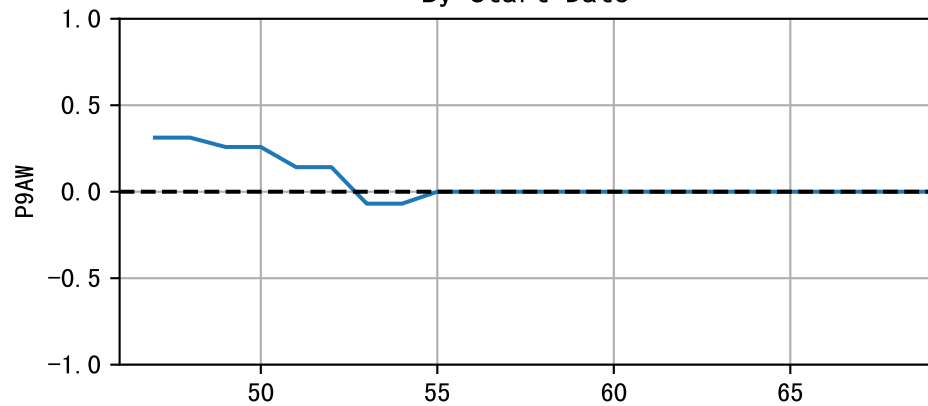


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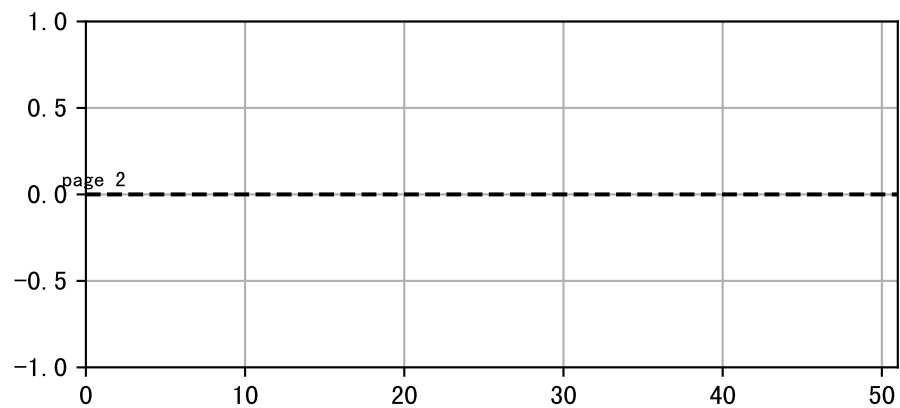
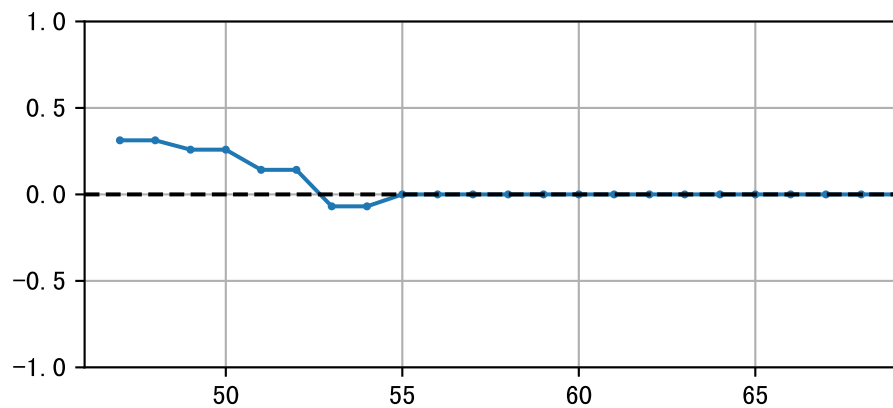
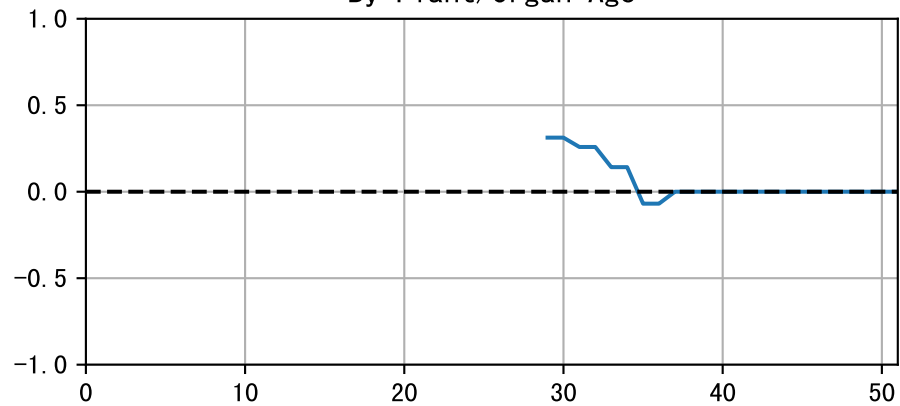


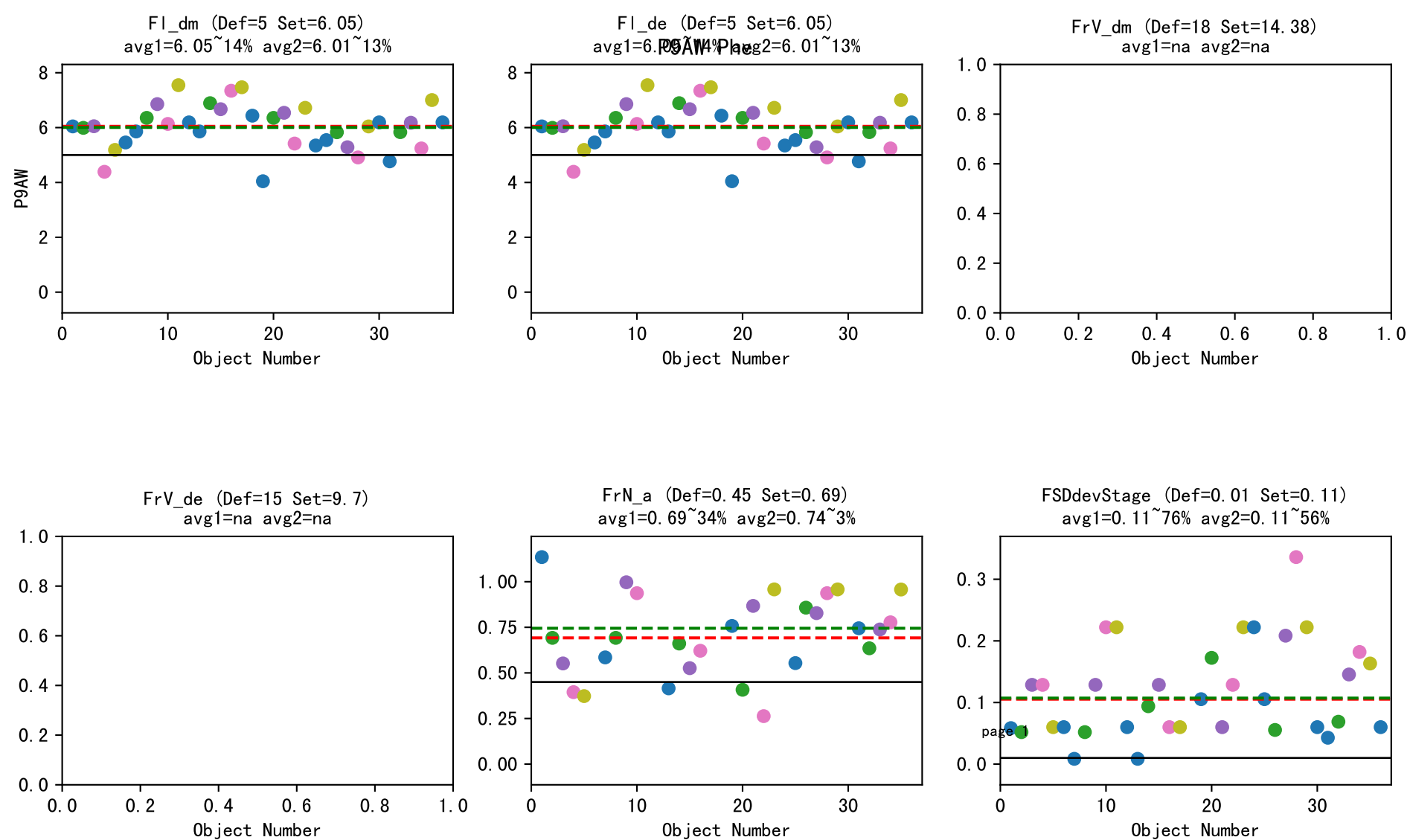


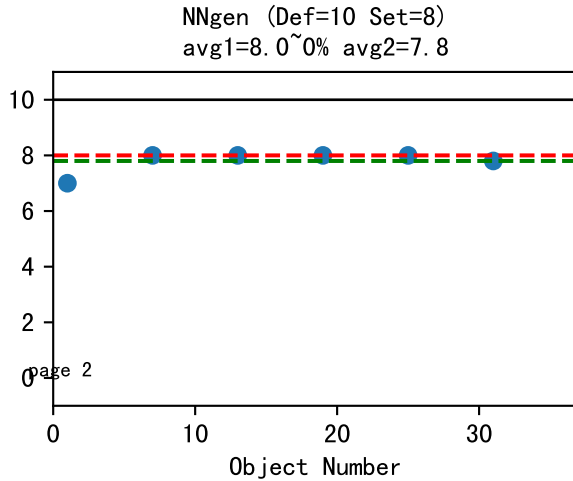
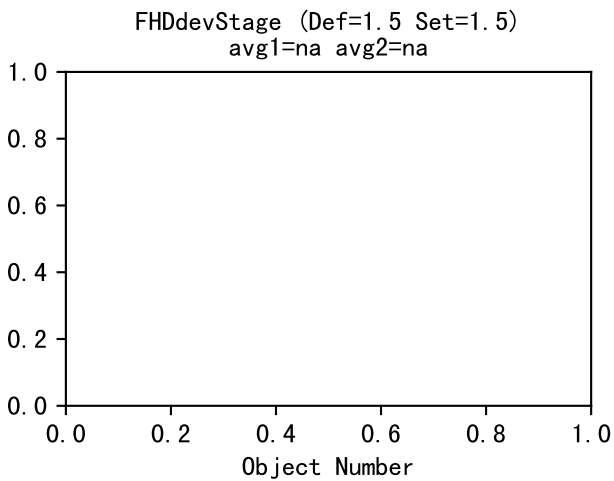
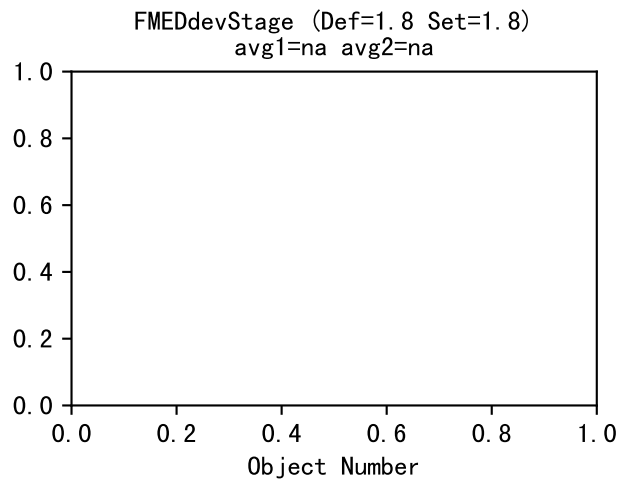
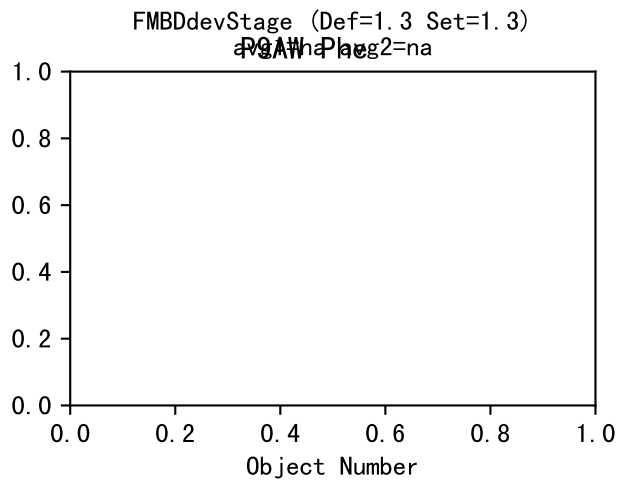
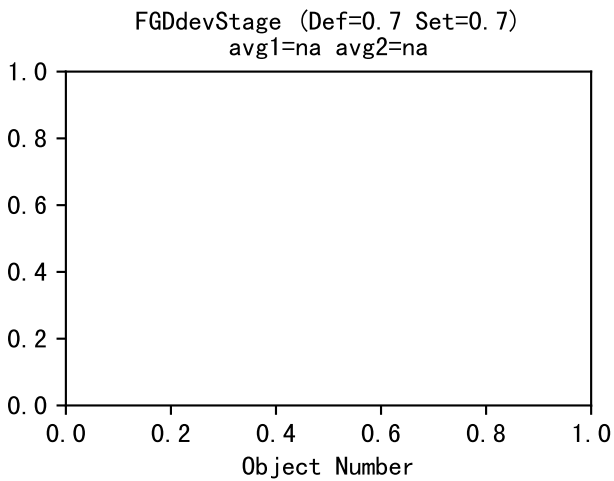
By Start Date



By Plant/Organ Age

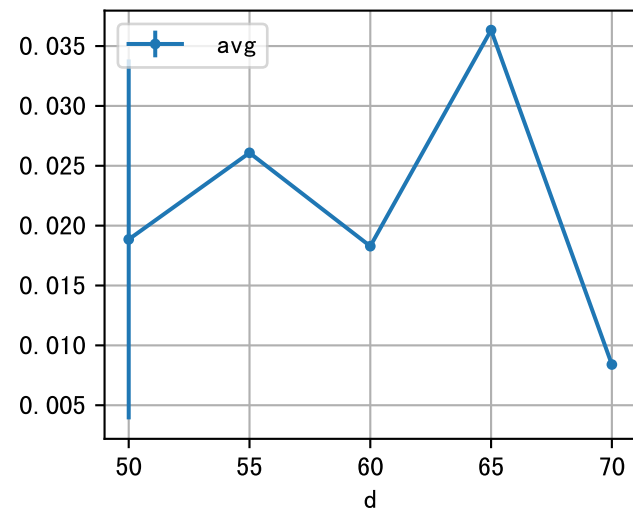




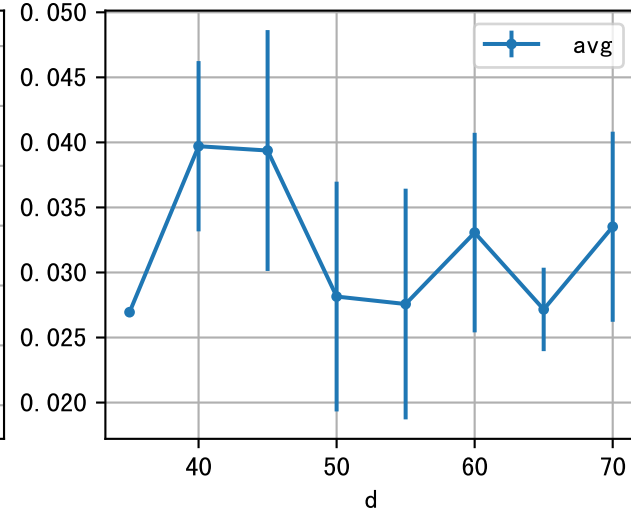


LfA: avg vs. d at each age group

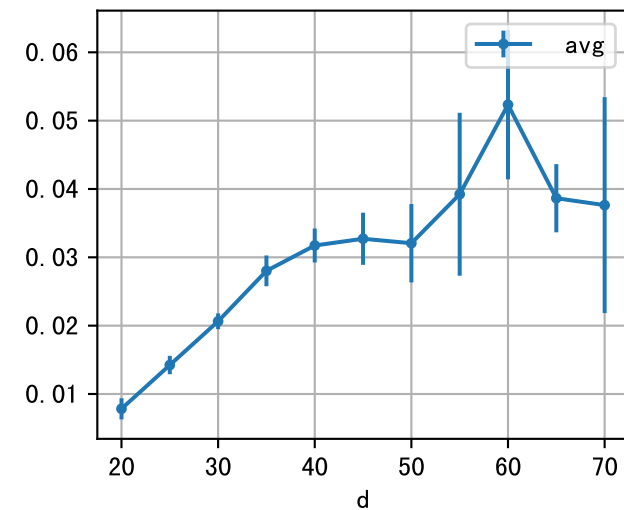
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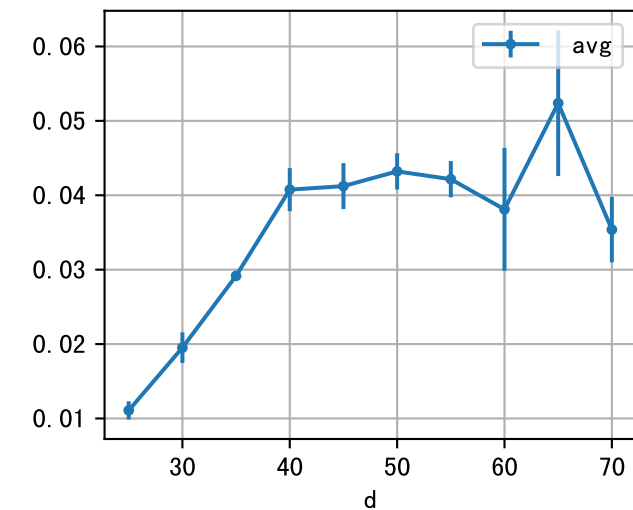
age=20



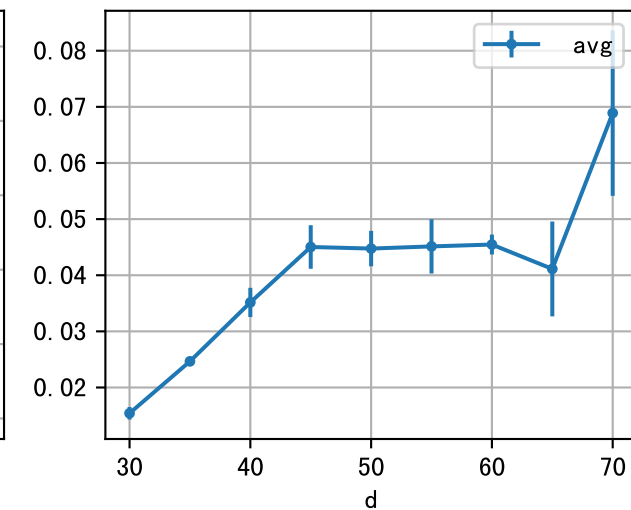
age=25



age=30

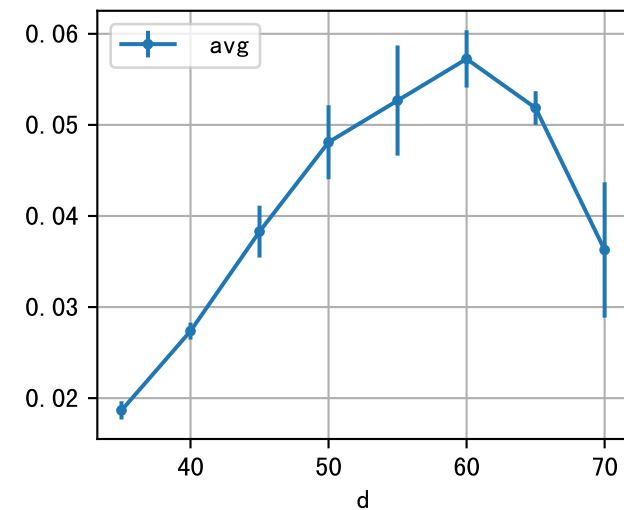


age=35



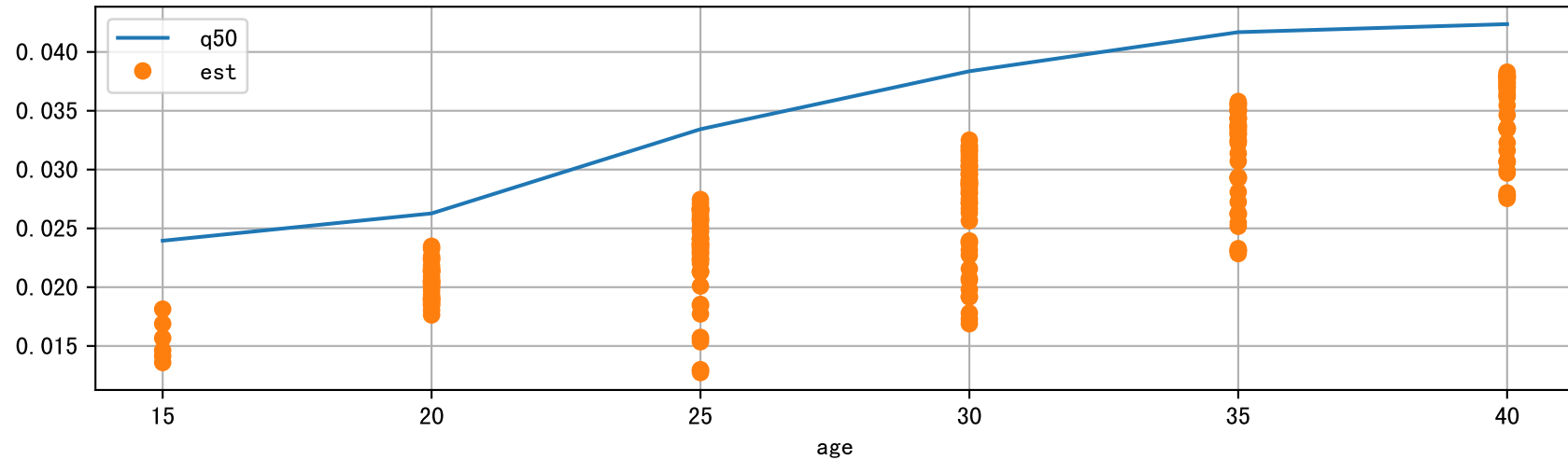
page 1

age=40

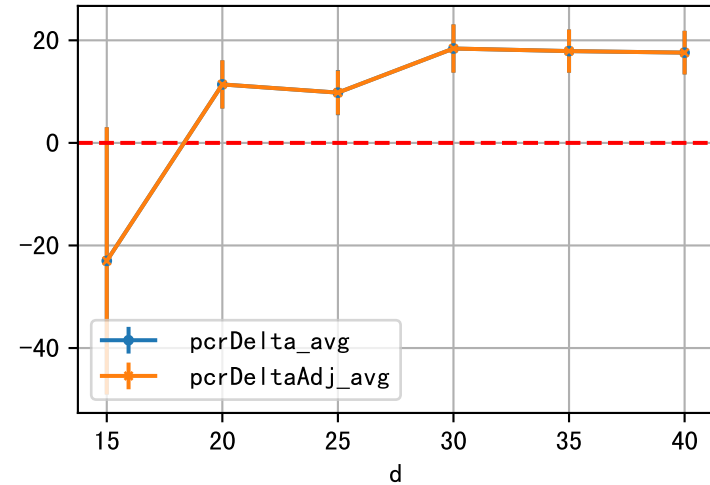


LfA: model est vs obs0v@Q50

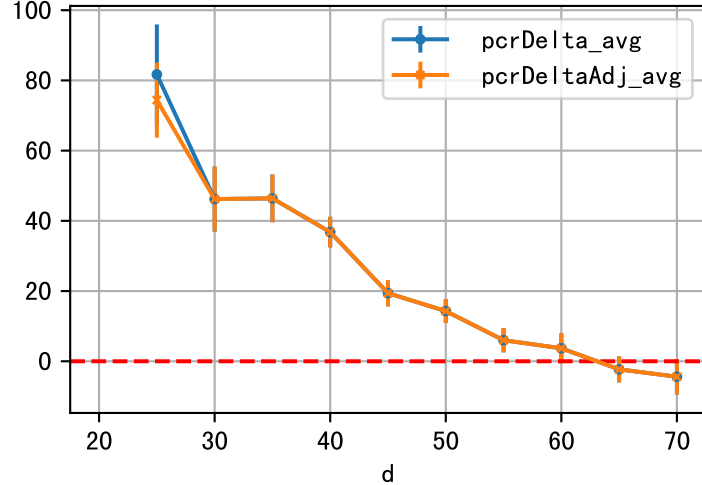
page 2



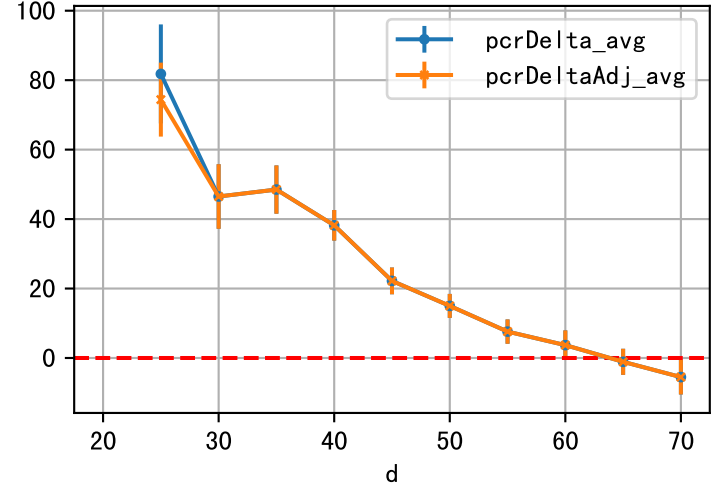
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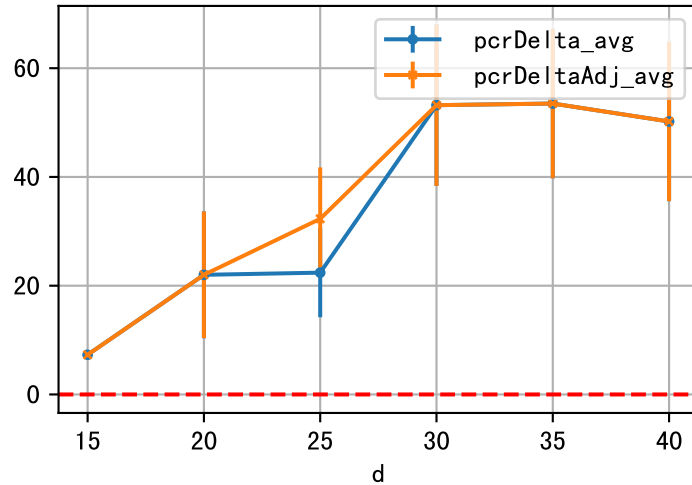
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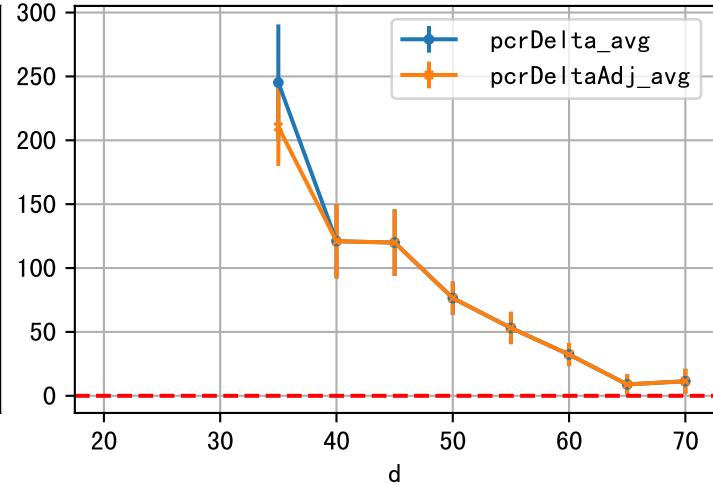
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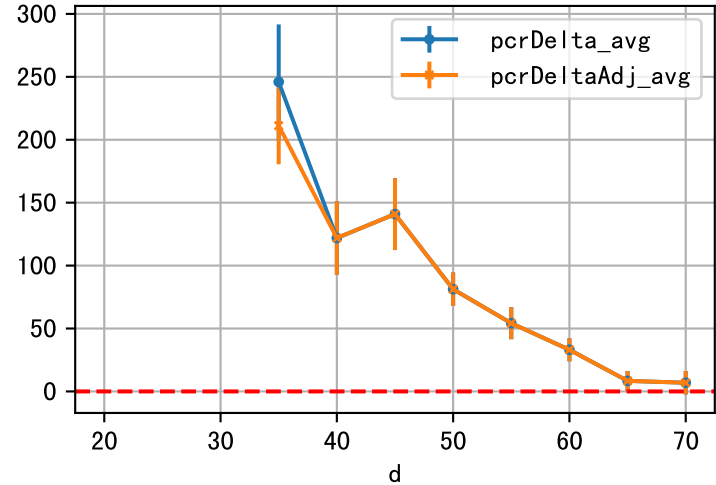
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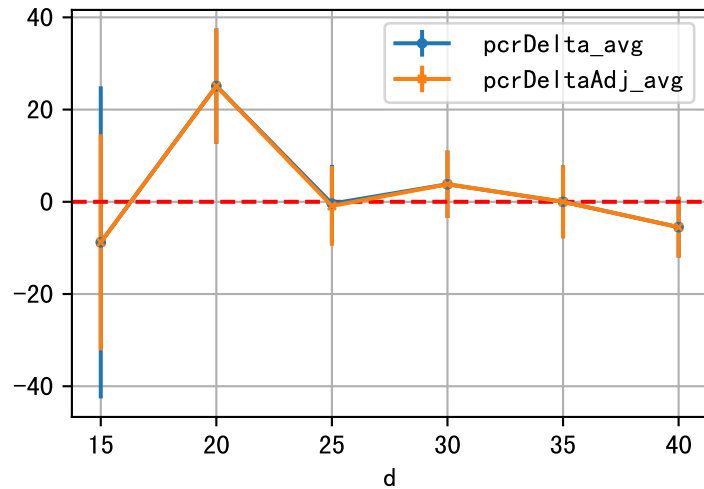
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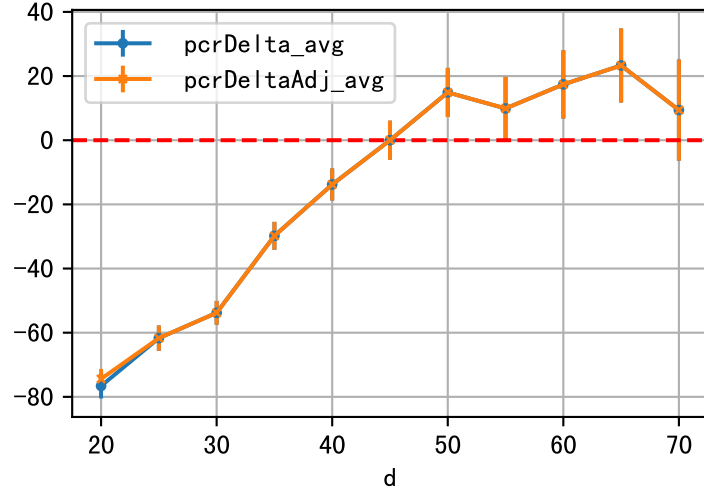
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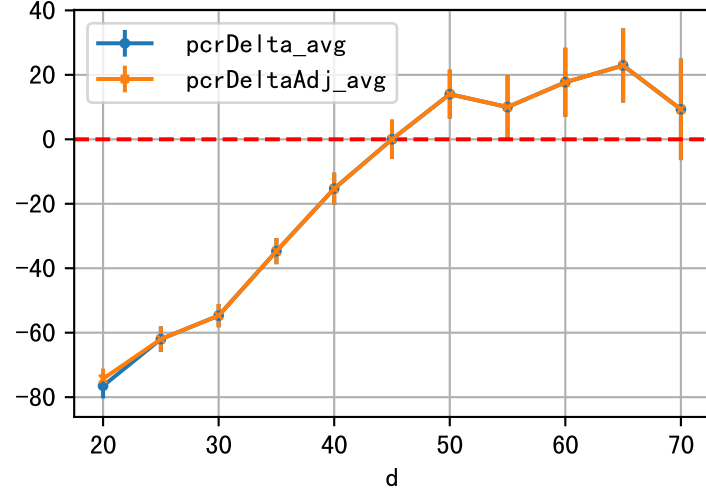
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DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=Wei AvgByD

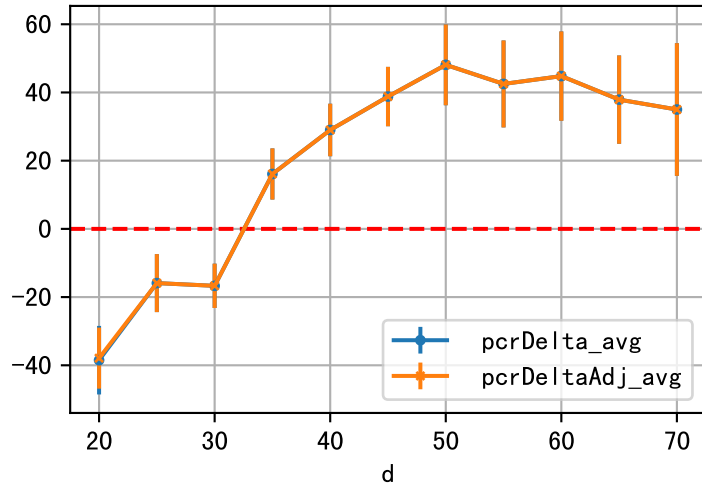
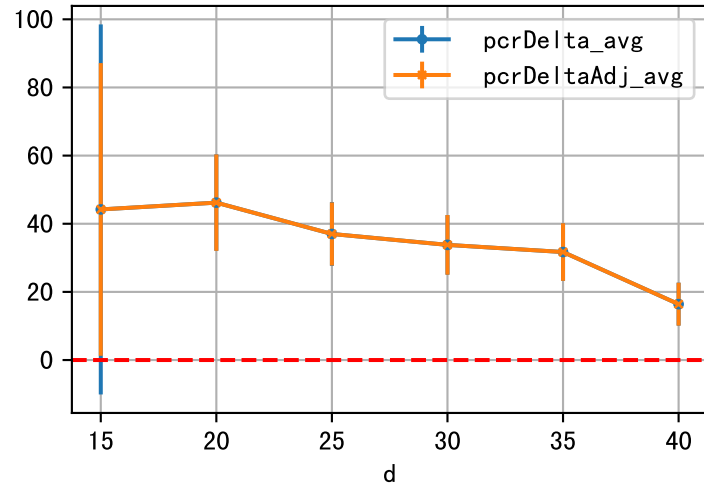


P9AW LfA: D_Est_LfA

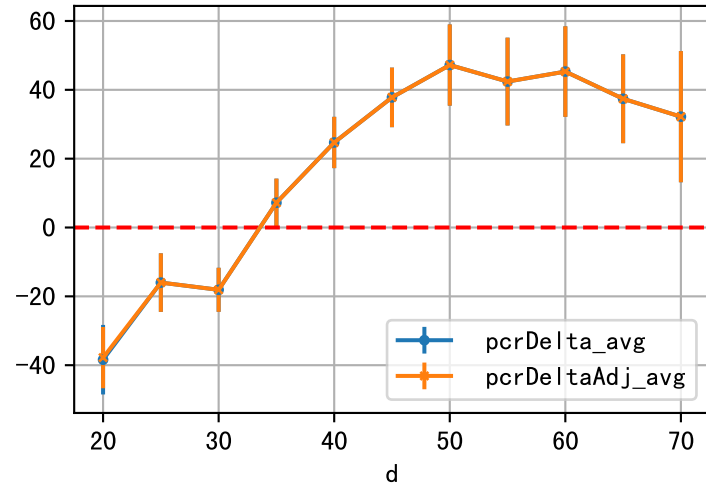
DeltaTypeAbbr=GrpByAge

DeltaTypeAbbr=GrpByDay

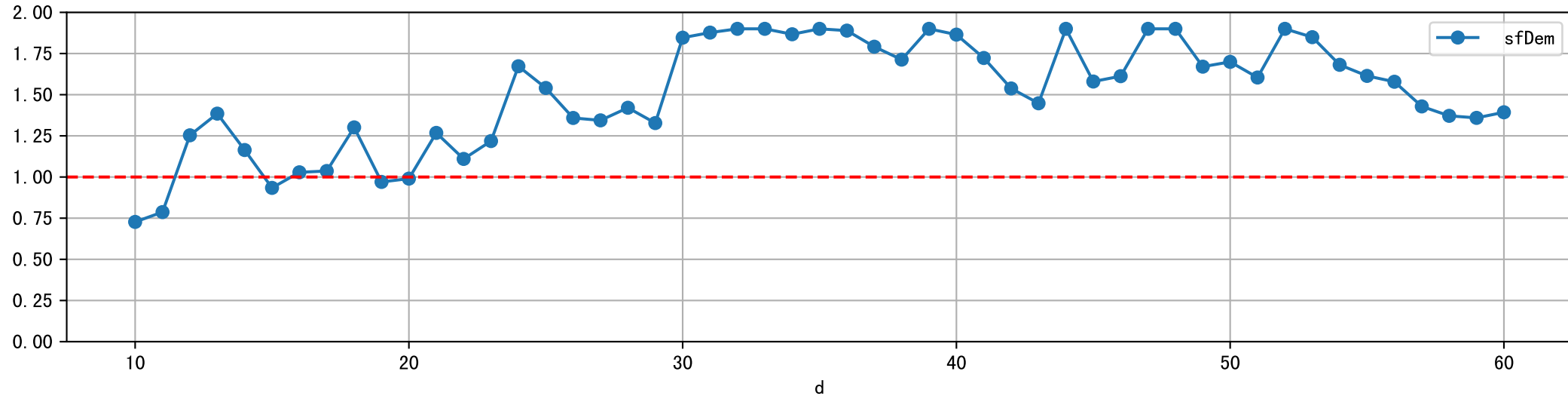
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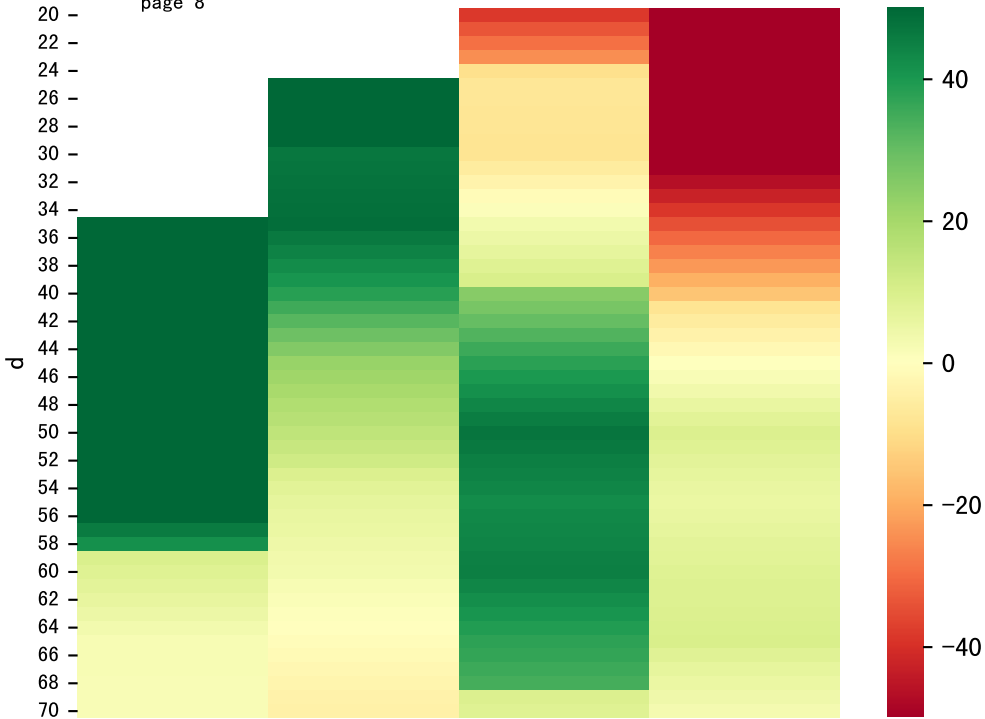


page 6



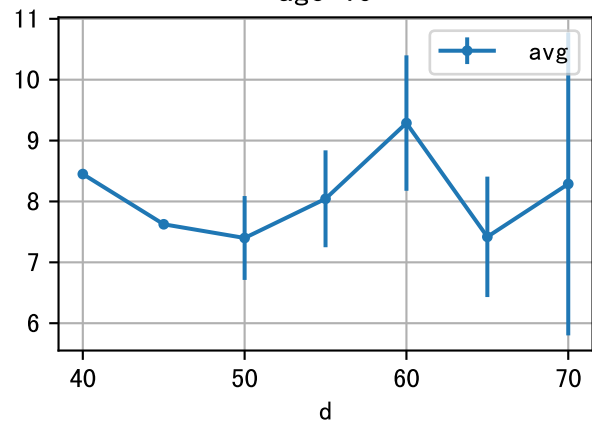
LfA: sfDem



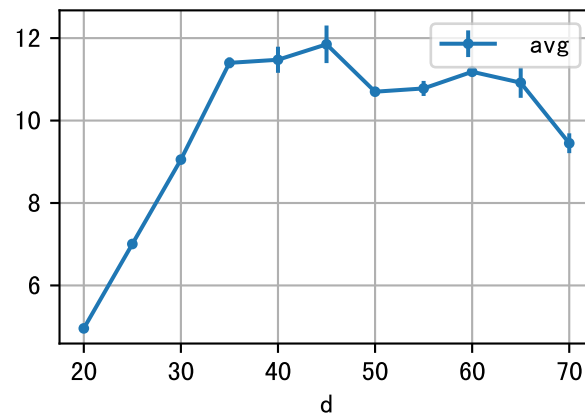


NdD: avg vs. d at each age group

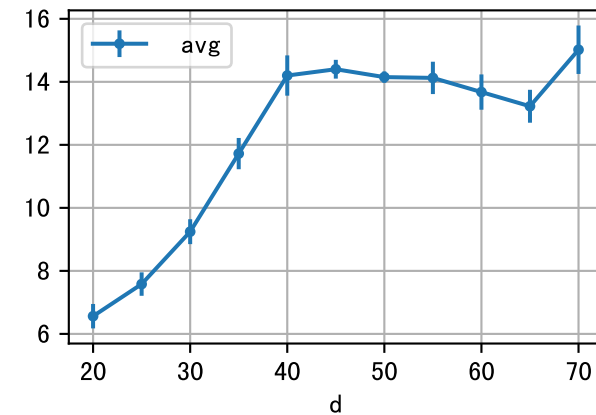
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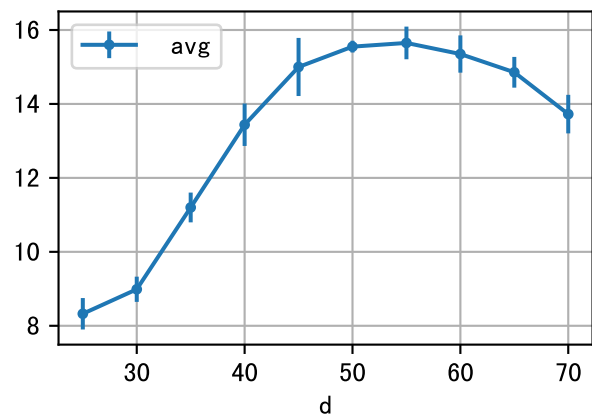
age=20



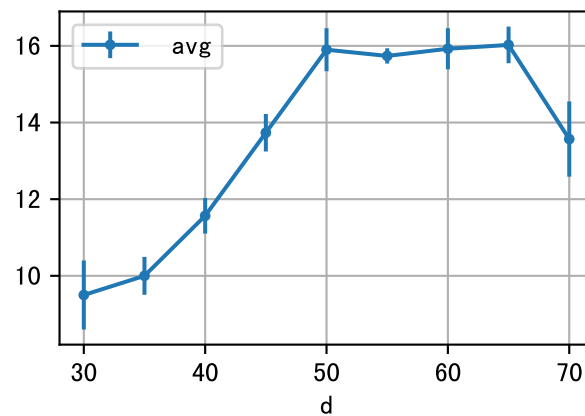
age=25



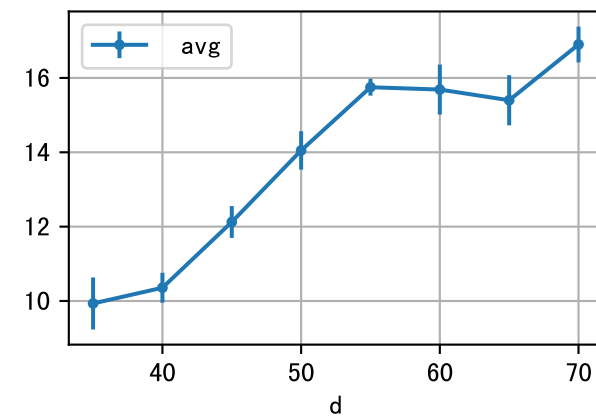
age=30



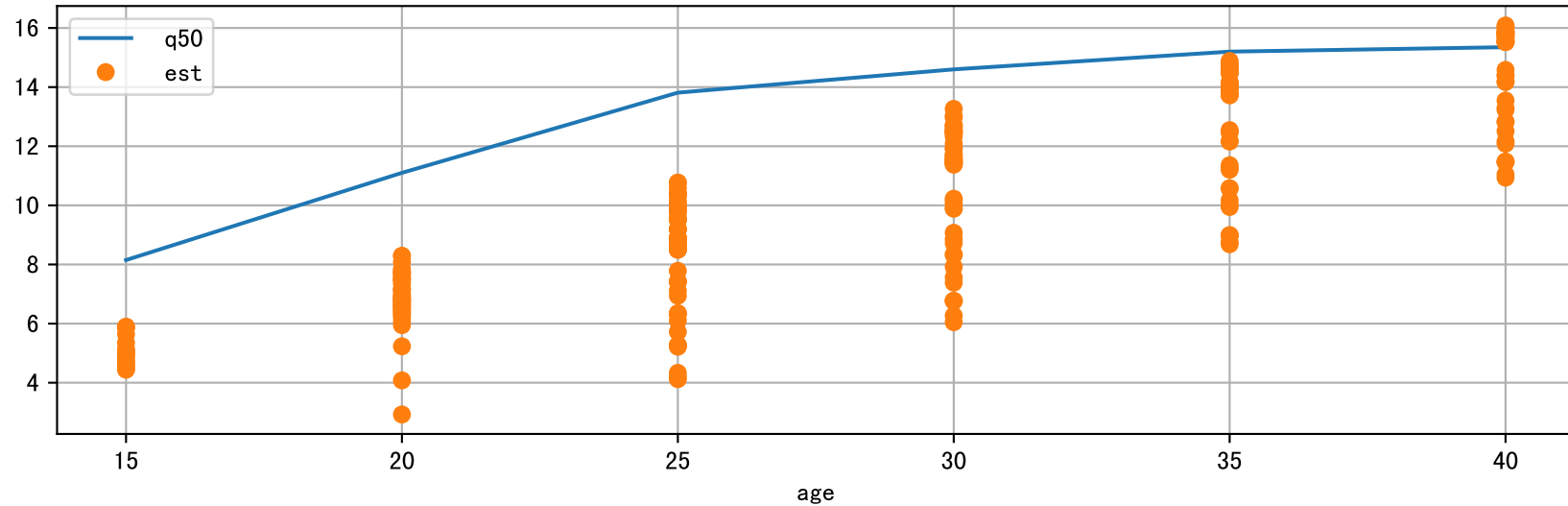
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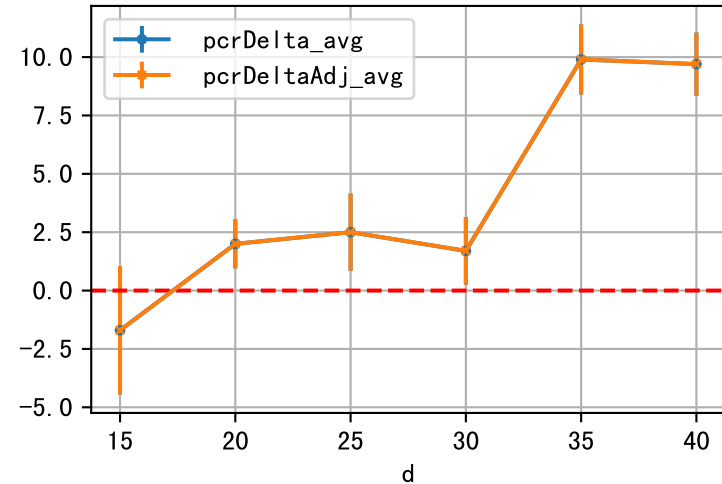
age=40



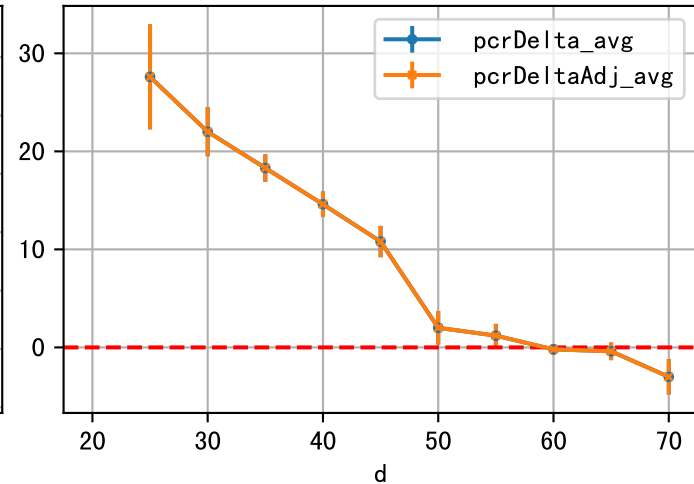
NdD: model est vs obs0v@Q50



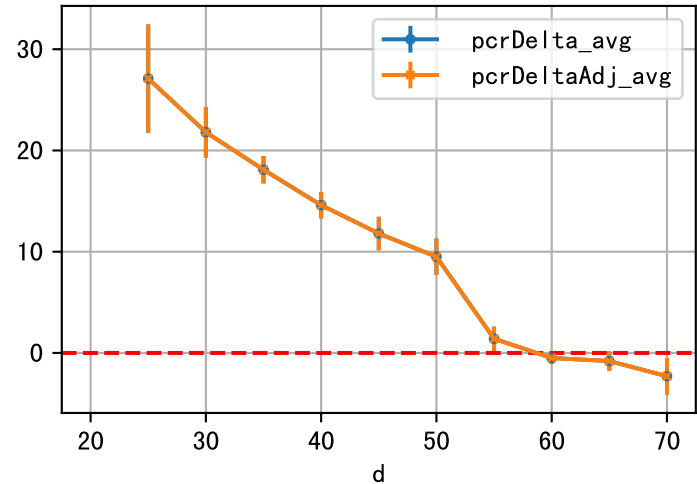
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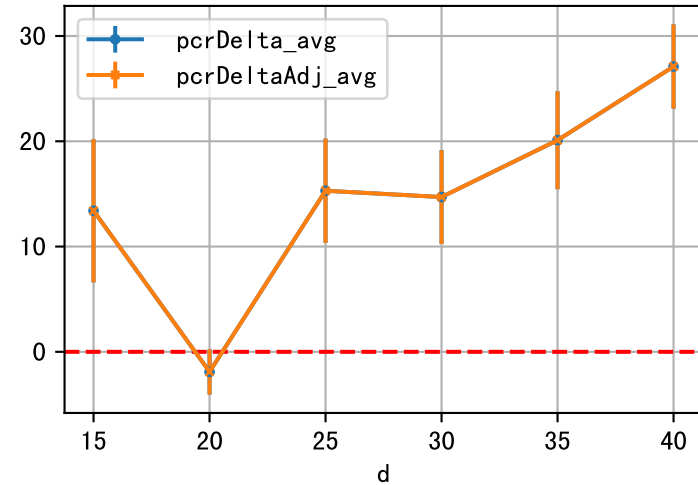
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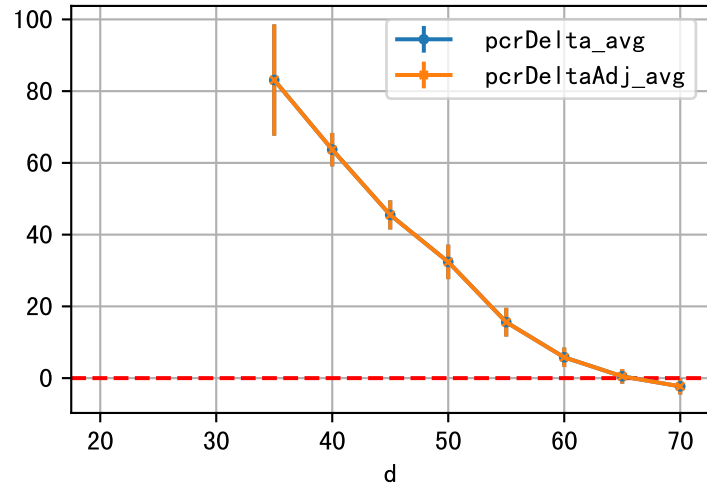
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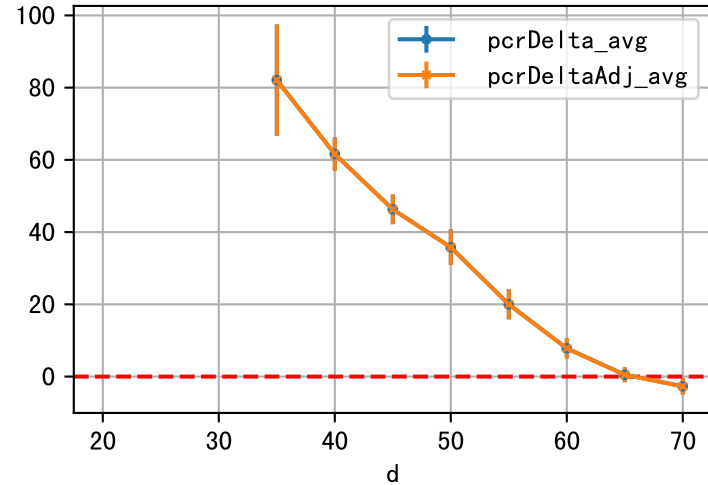
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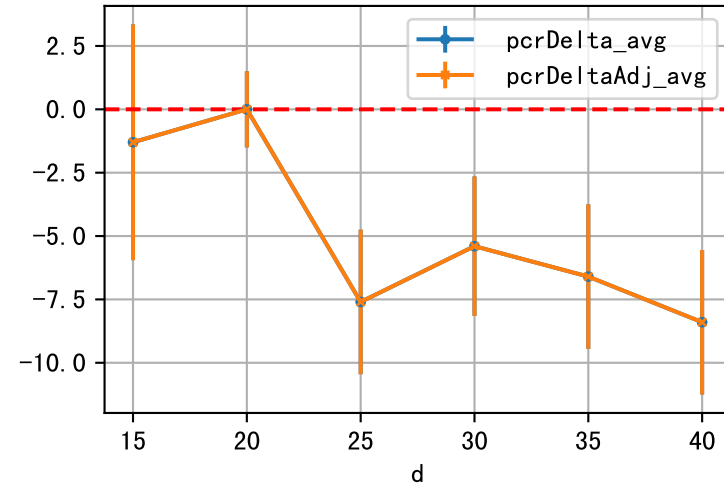
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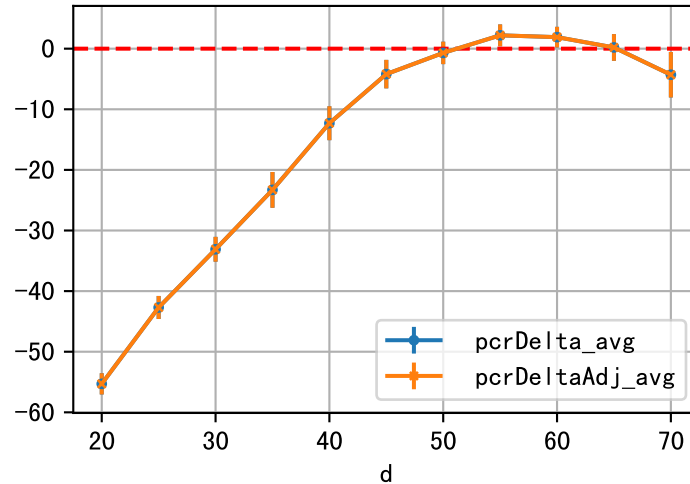
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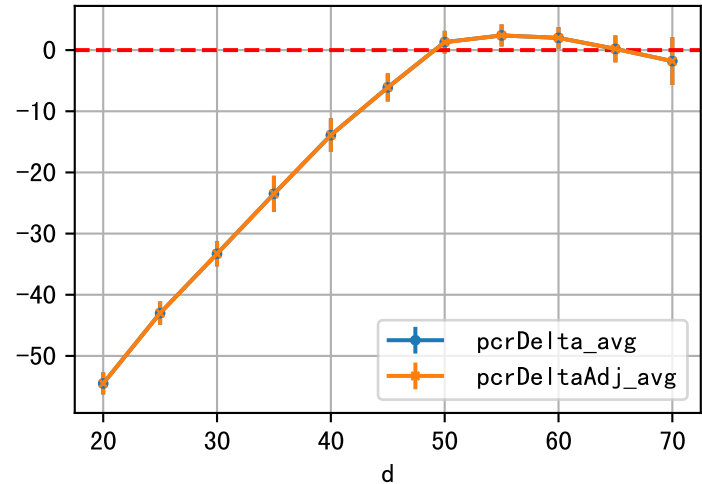
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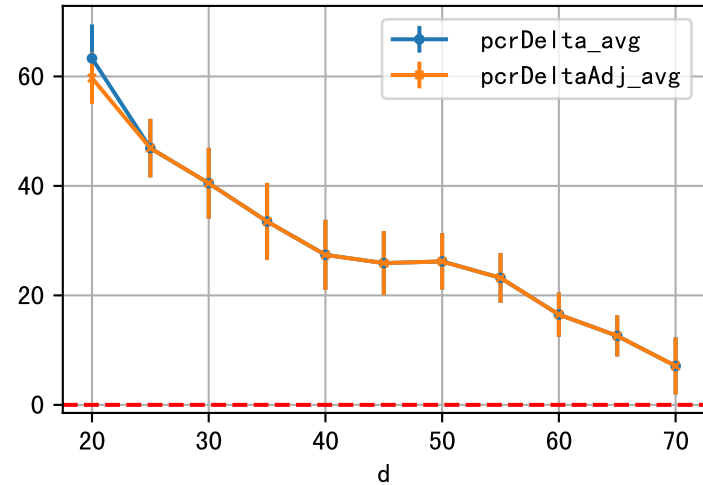
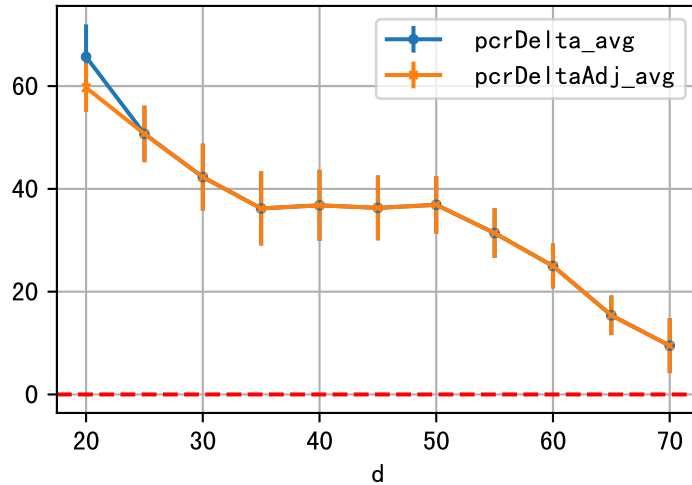
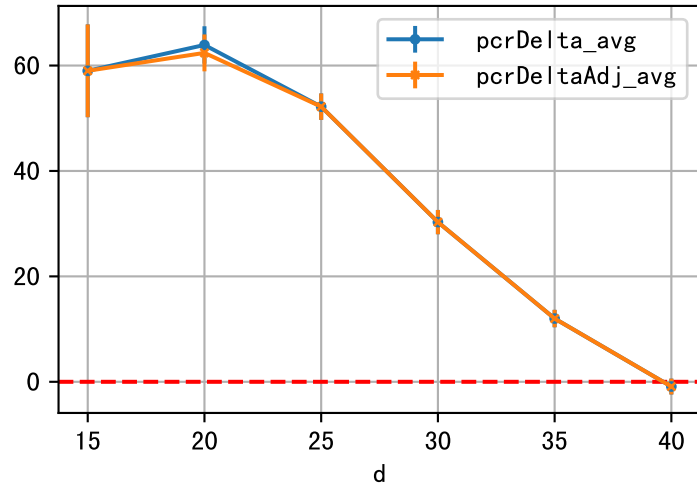
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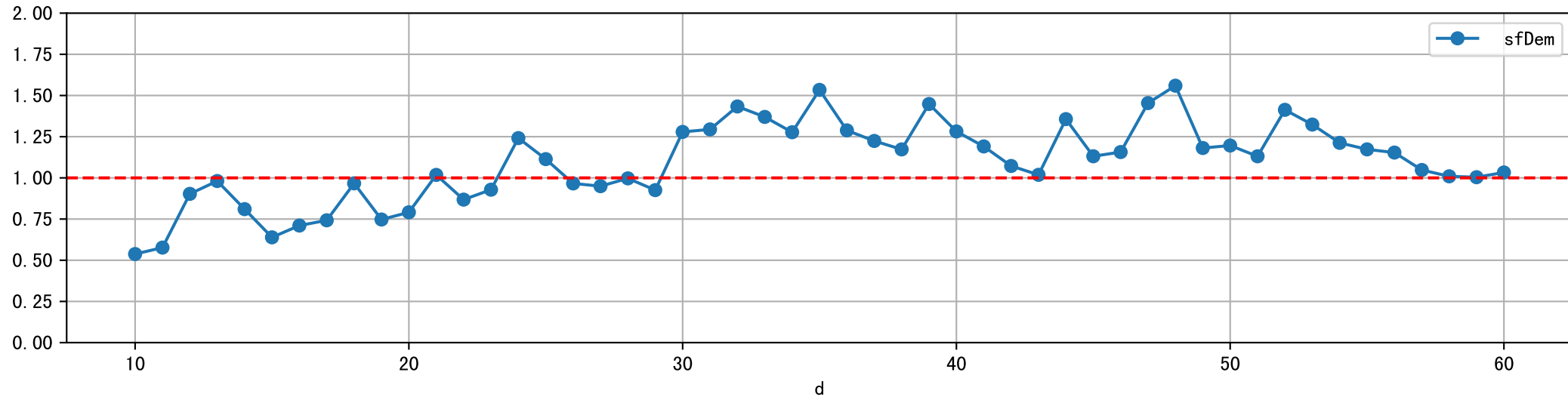
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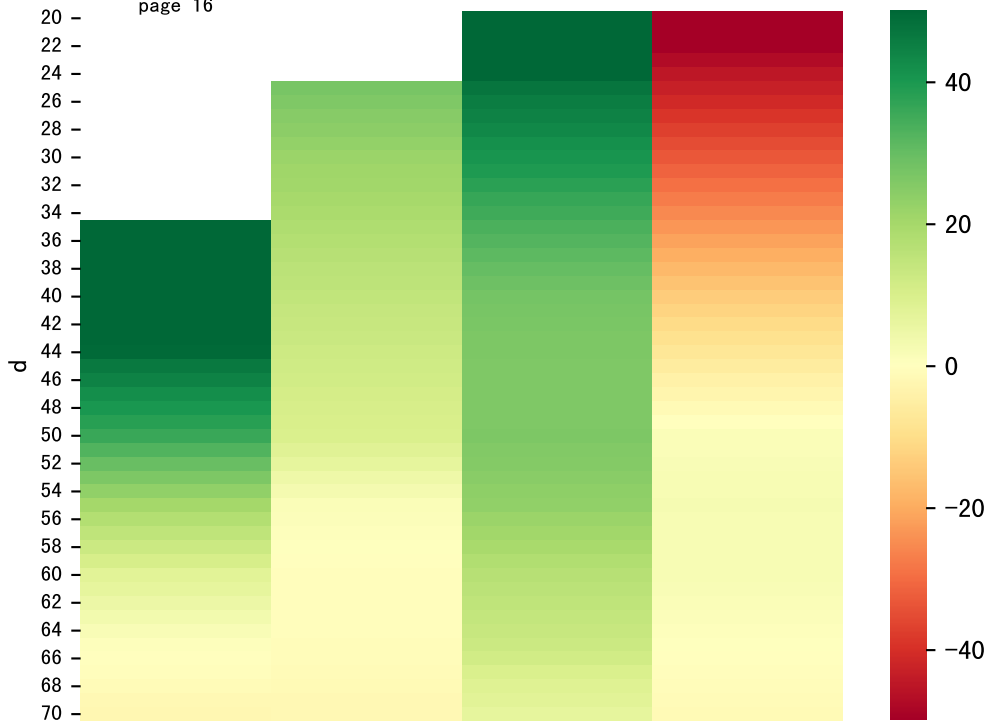
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DeltaTypeAbbr=Wei AvgByD

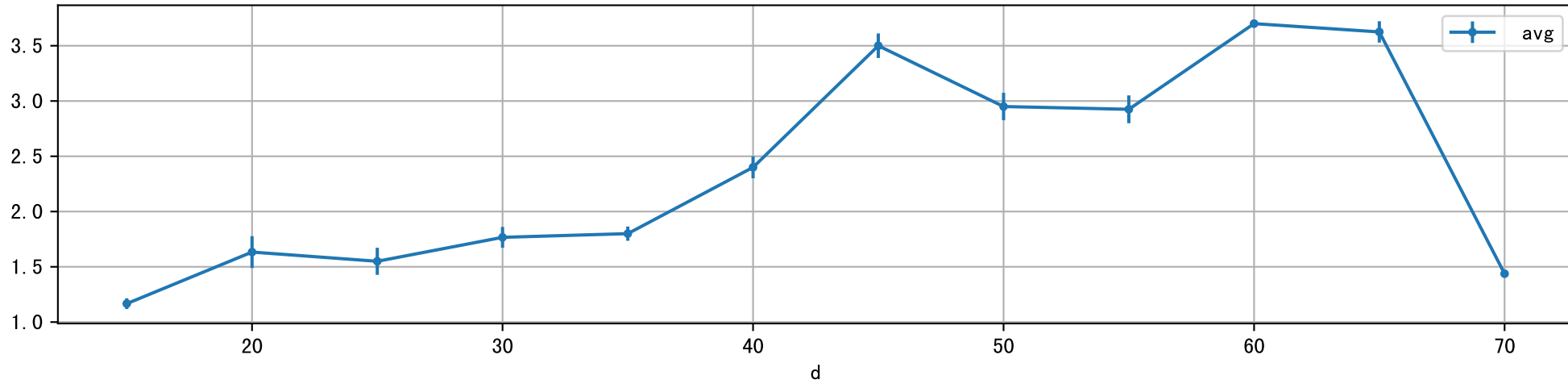


NdD: sfDem

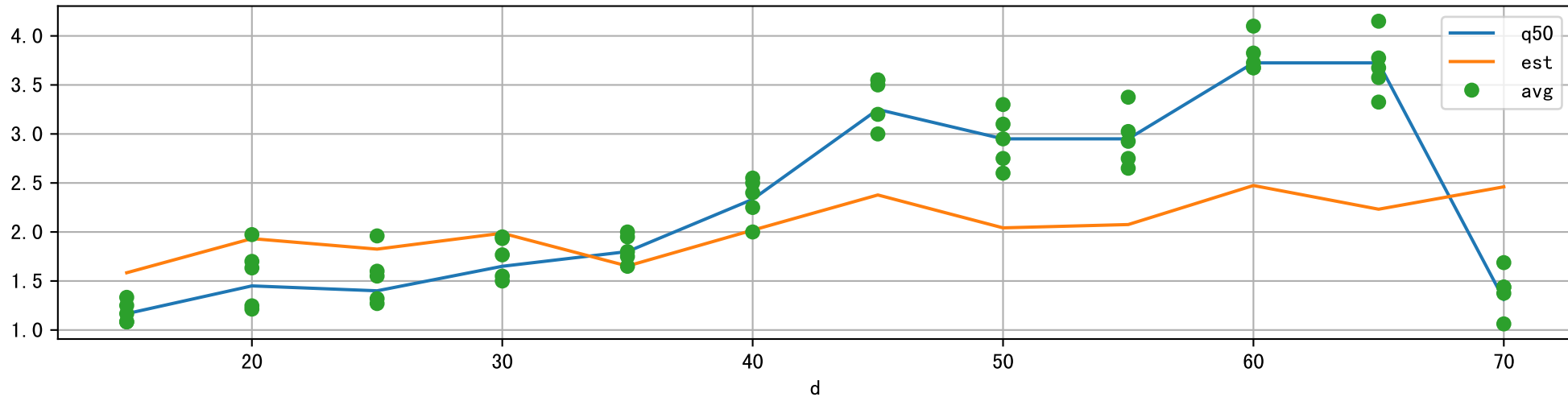




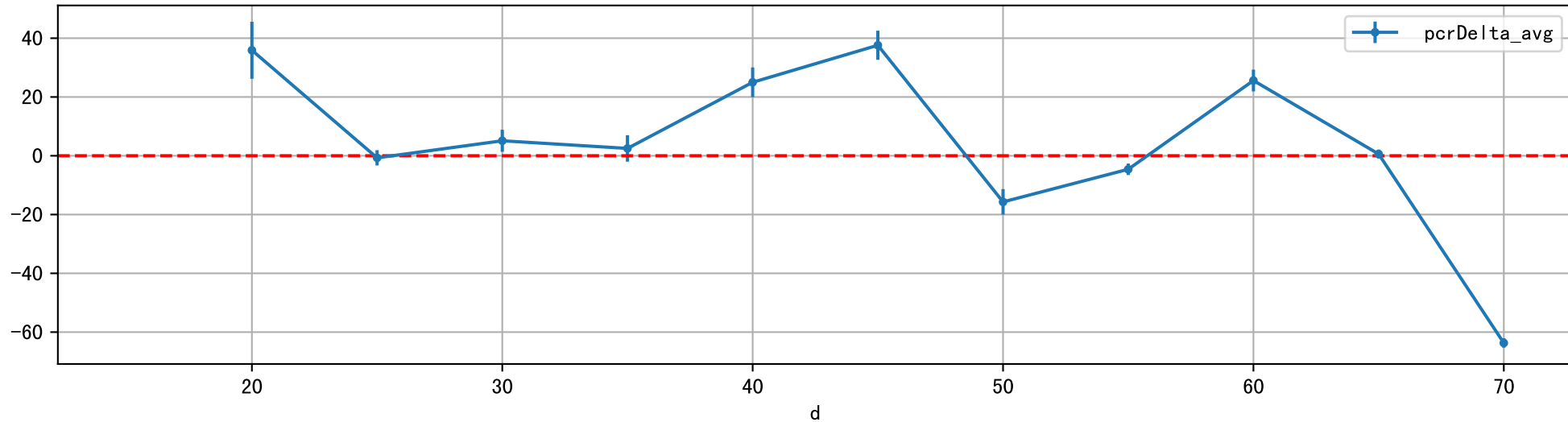
dStH: avg vs. d



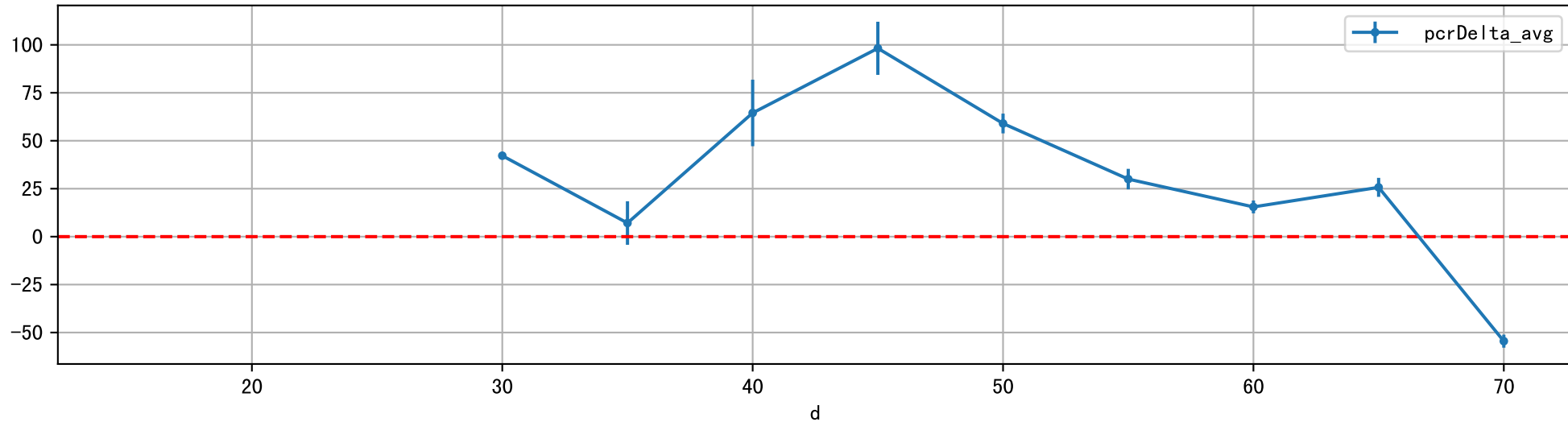
dStH: obsAvg vs obs0v@Q50



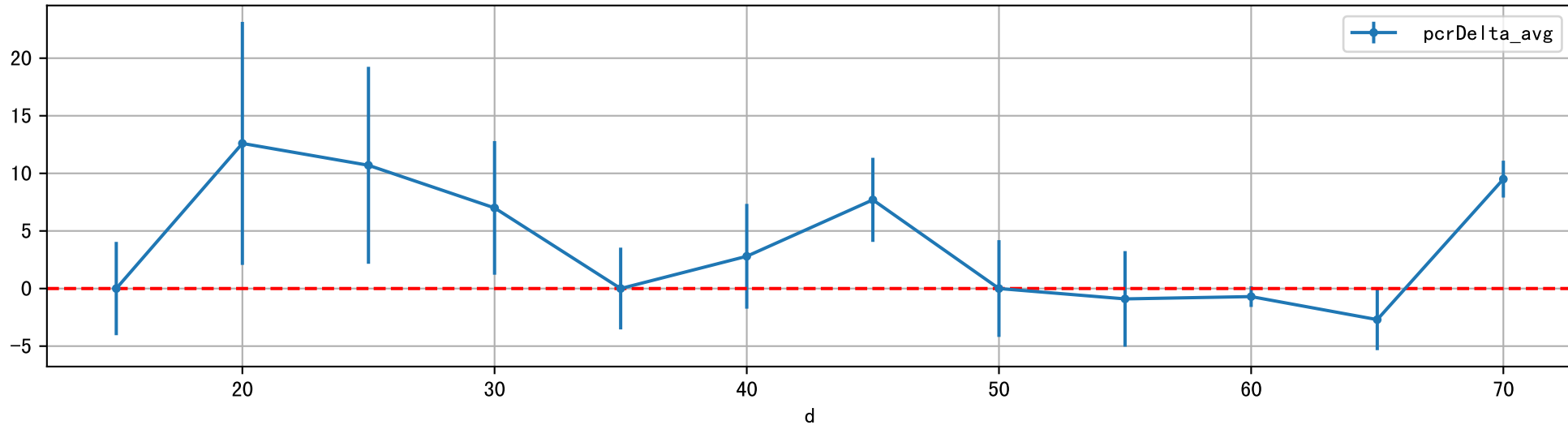
dStH: D_5d_StH



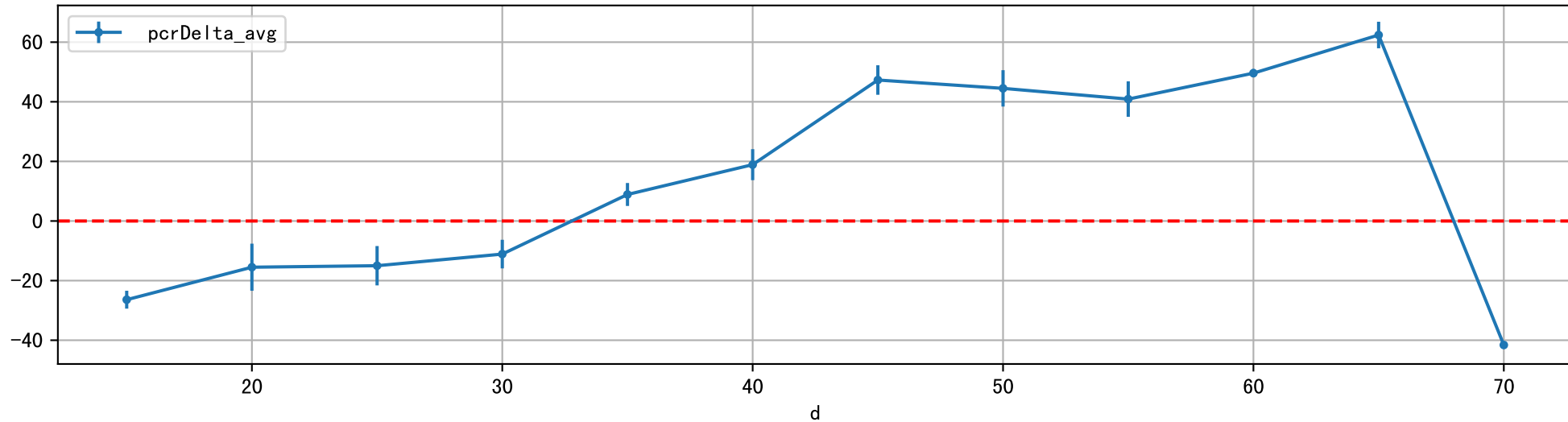
dStH: D_15d_StH



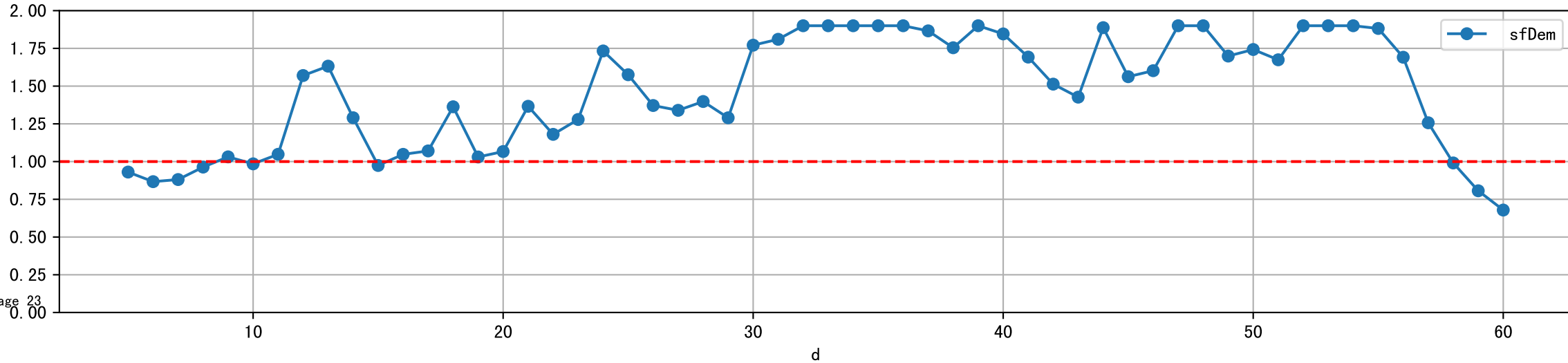
dStH: D_Q50_StH



dStH: D_Est_StH



dStH: sfDem



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– 40

– 20

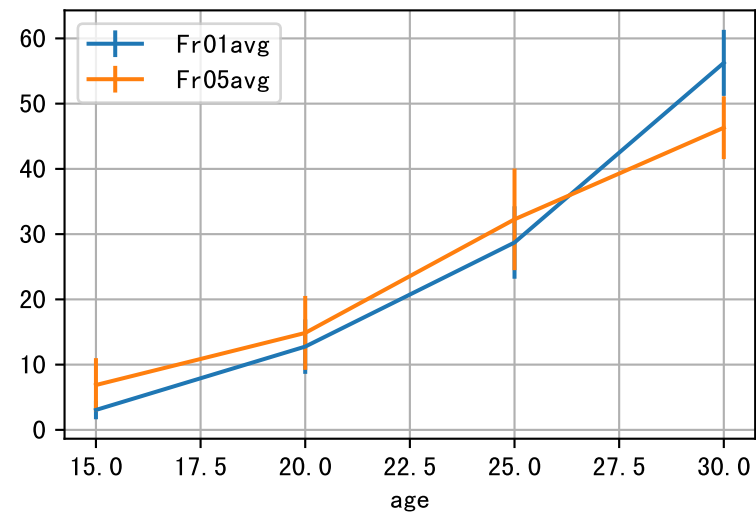
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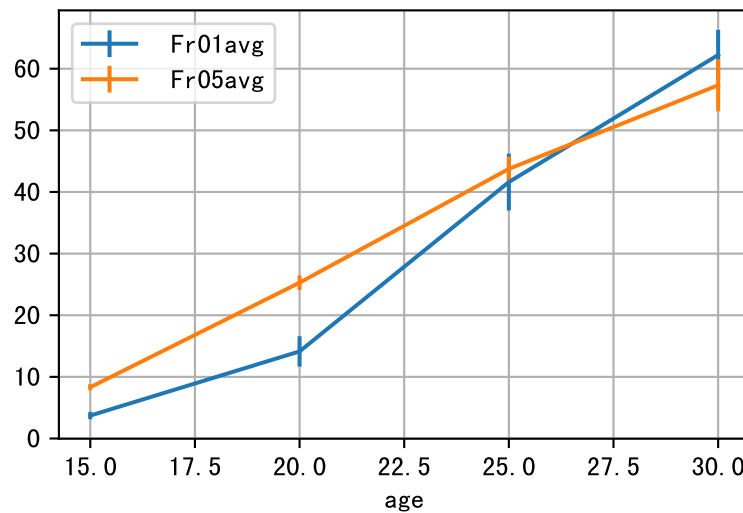
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FrV: Fr01 vs Fr05 at each truss

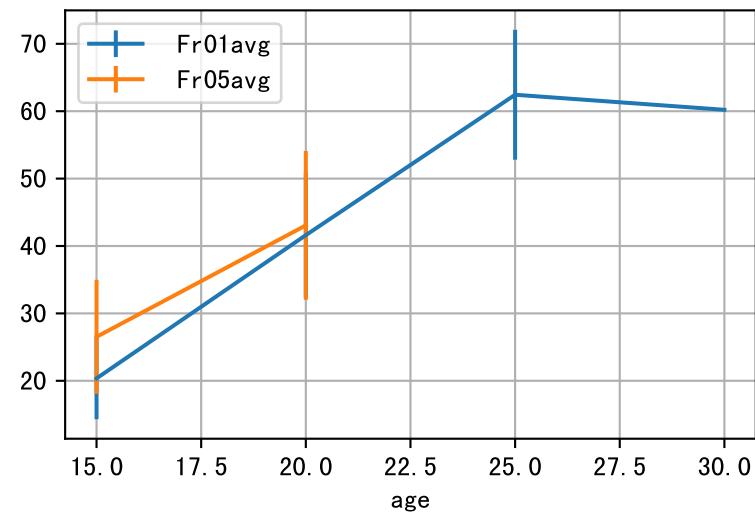
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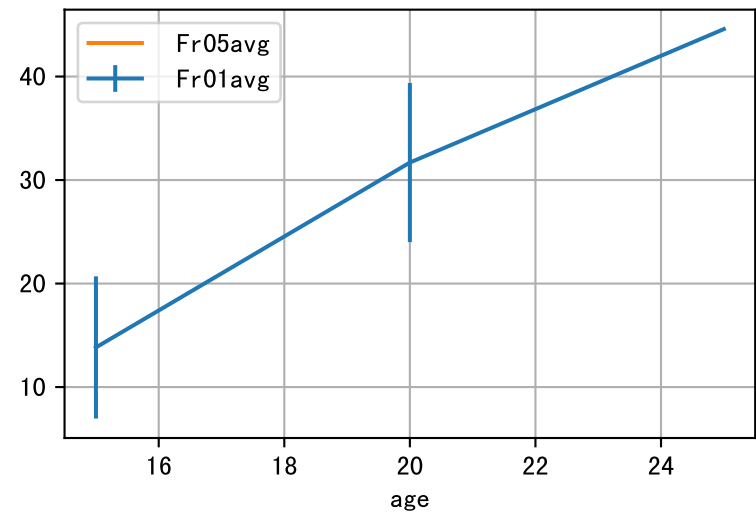
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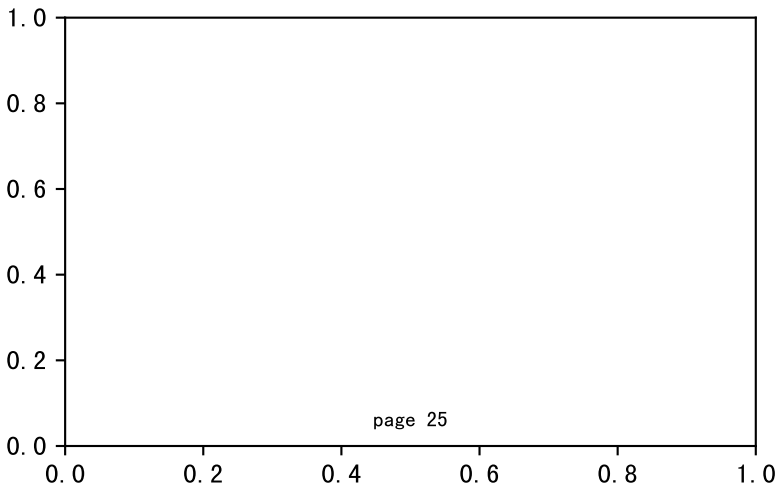
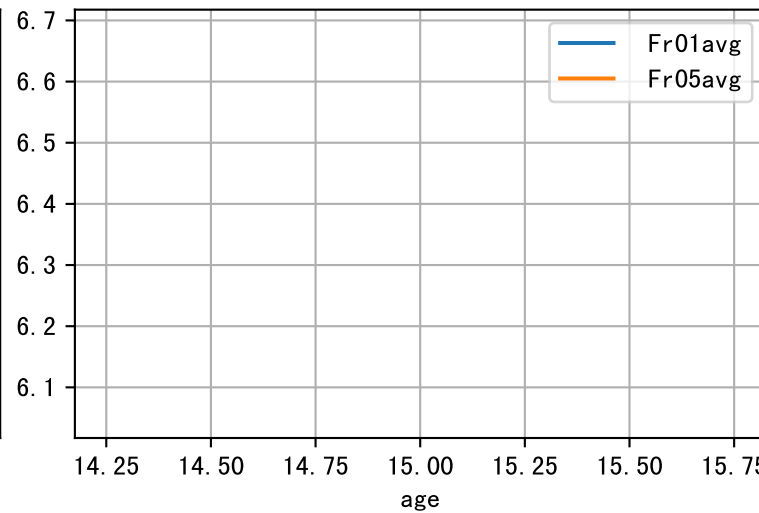
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organID=T04

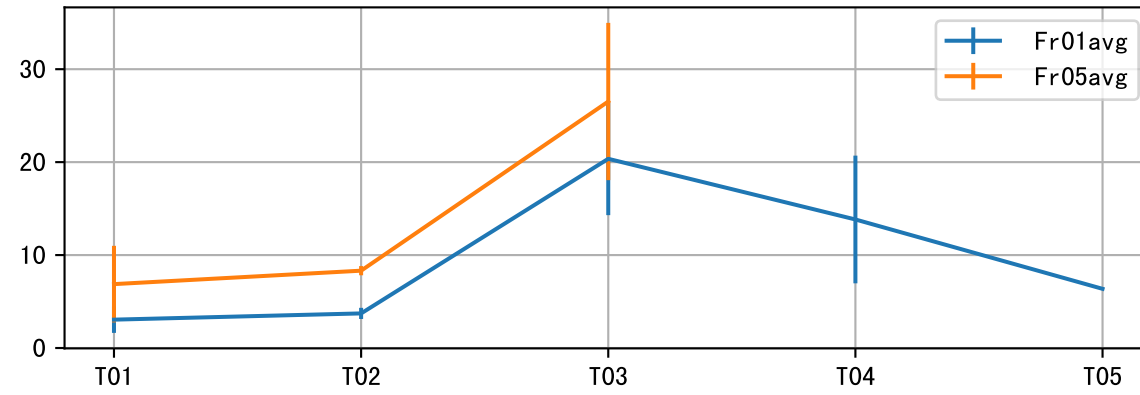


organID=T05

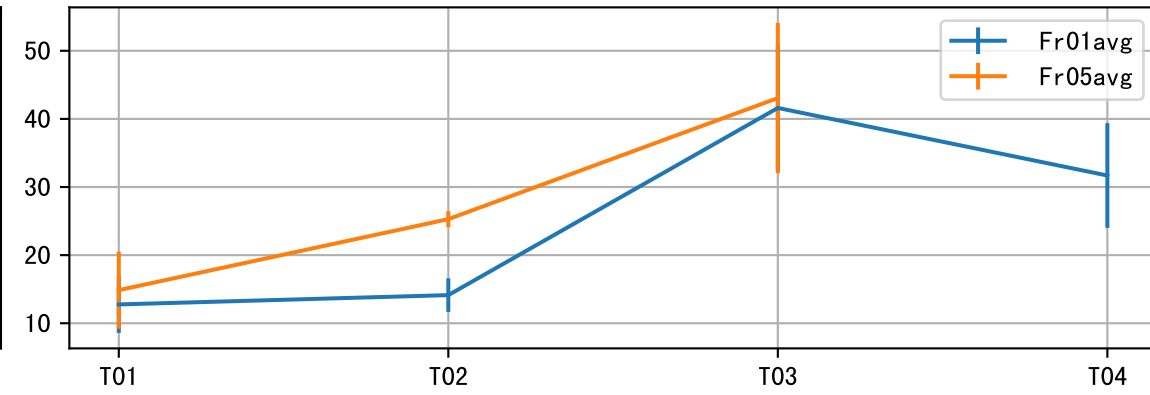


FrV trend at each age

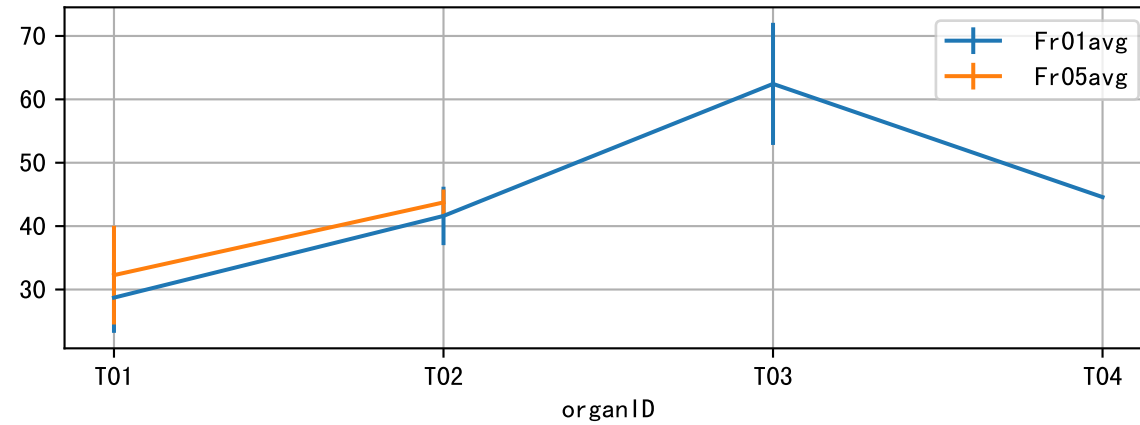
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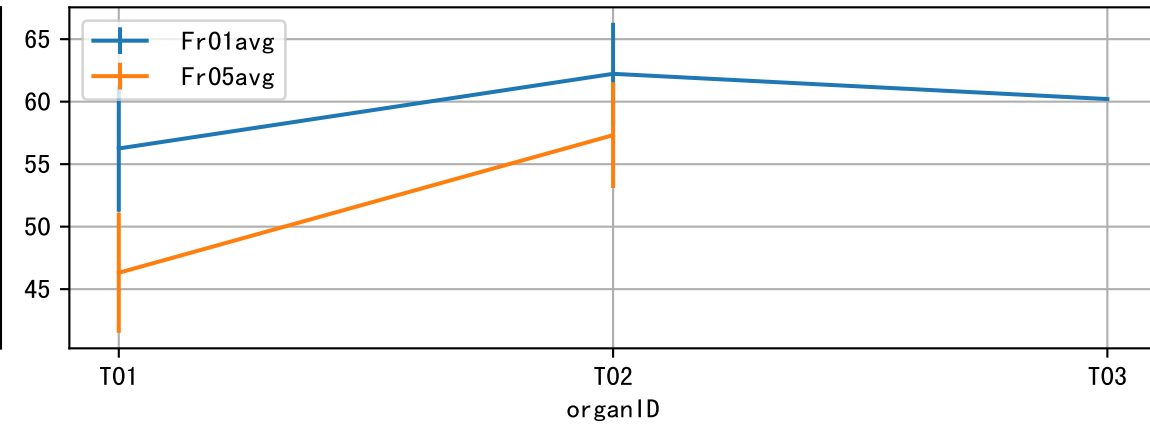
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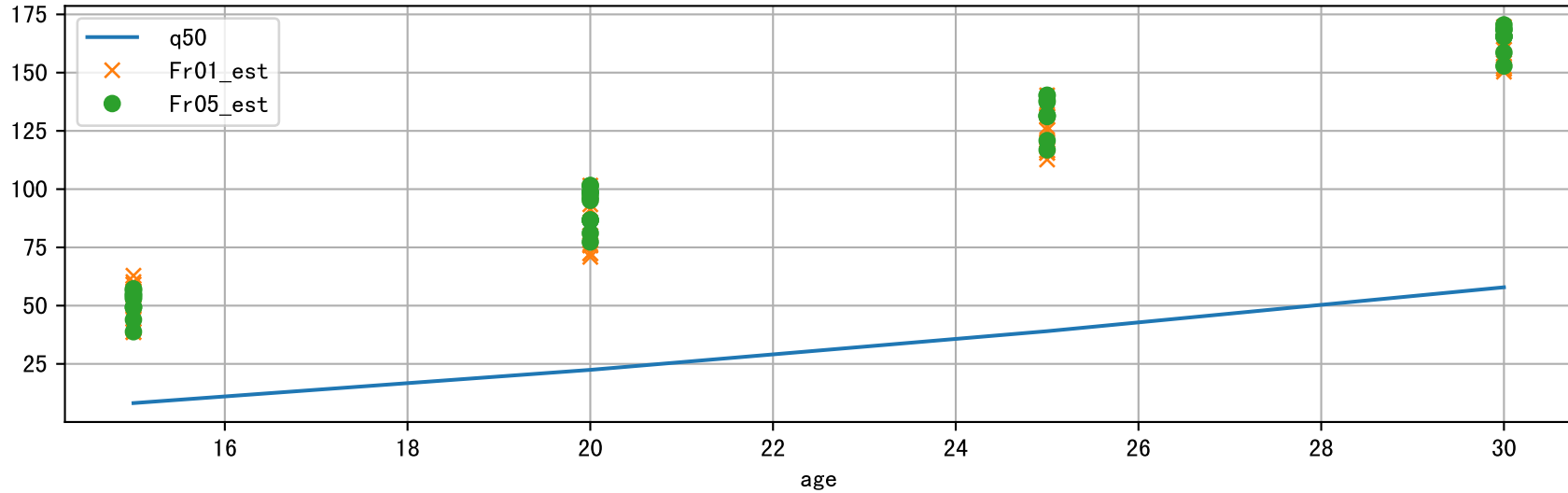
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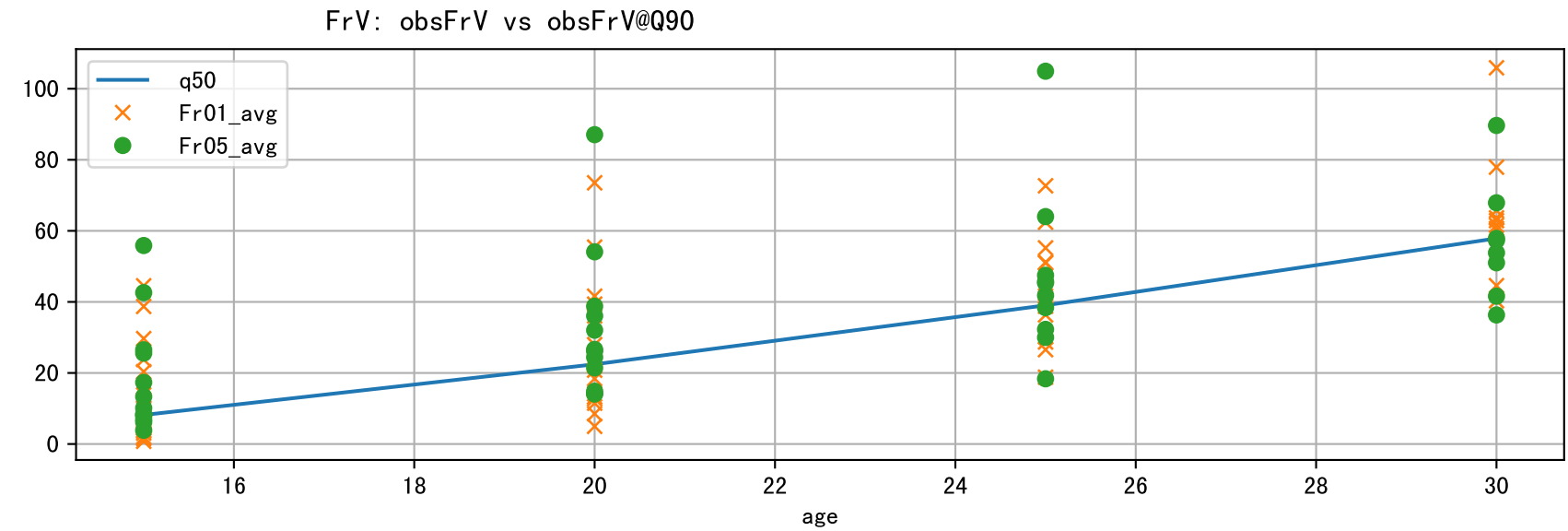


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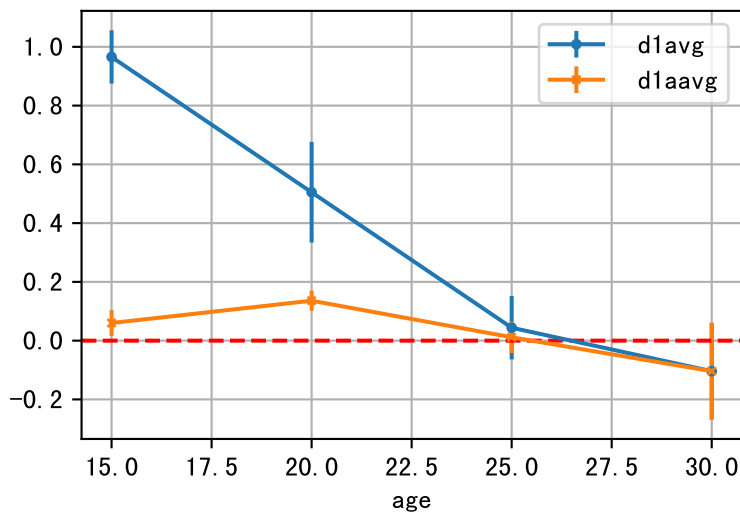


FrV: model Est vs obsFrV at Q90

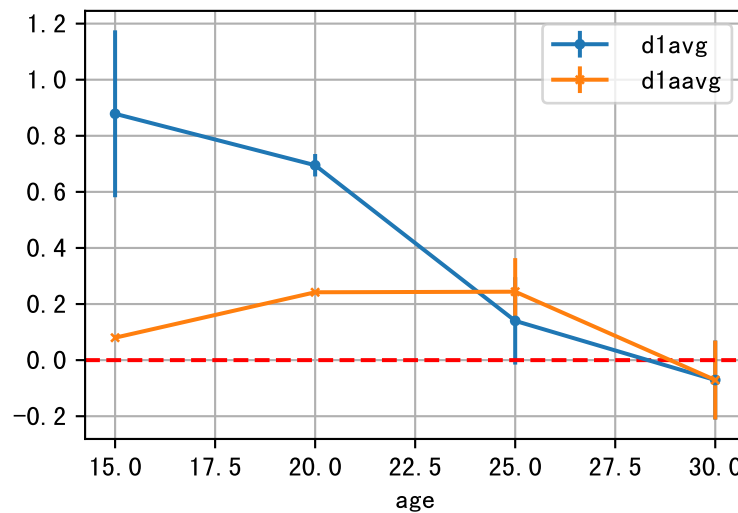




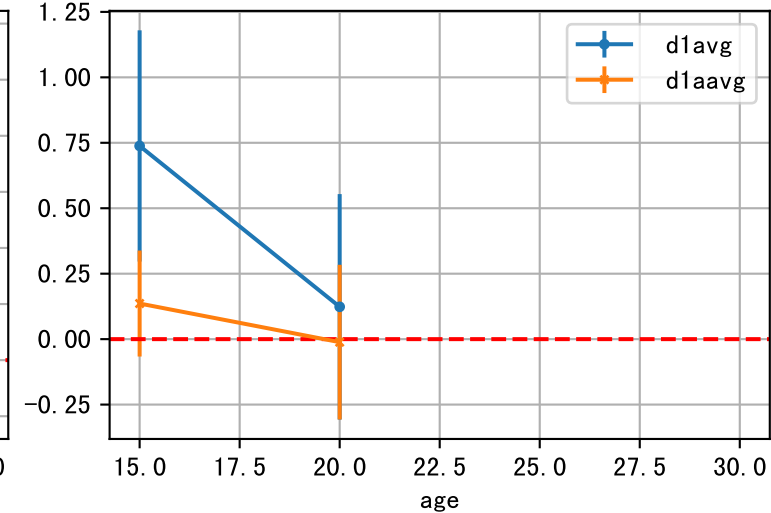
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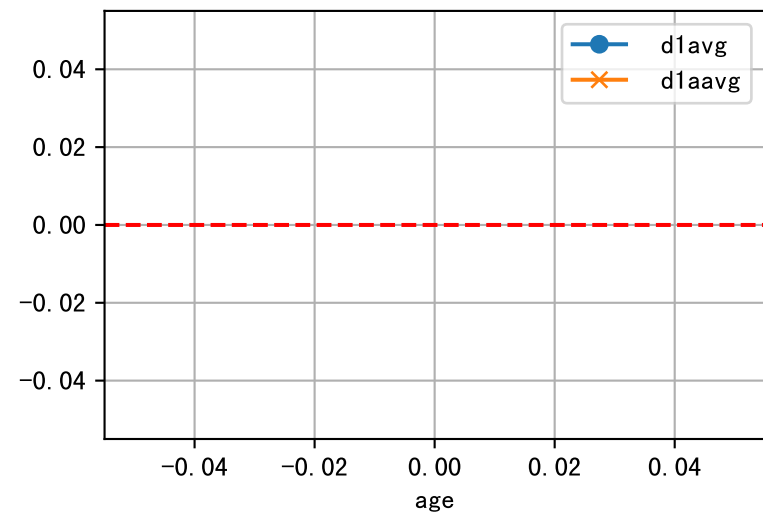
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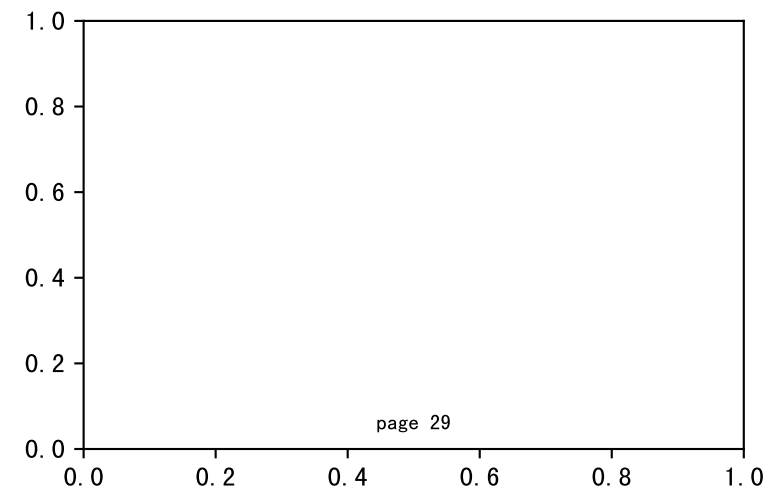
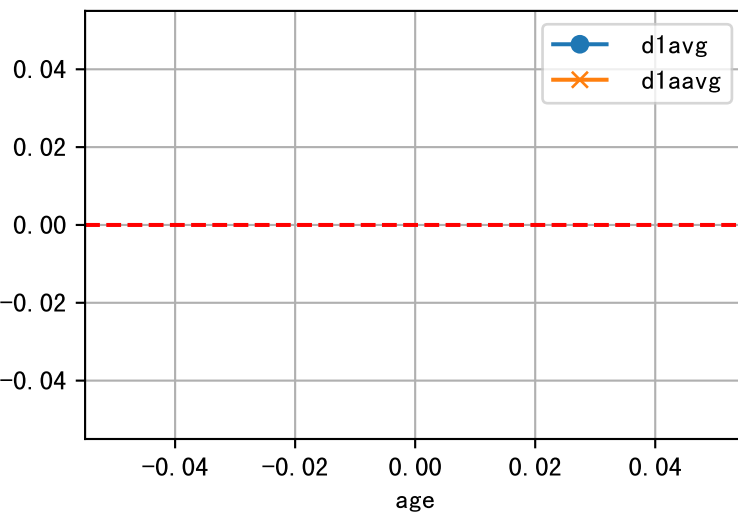
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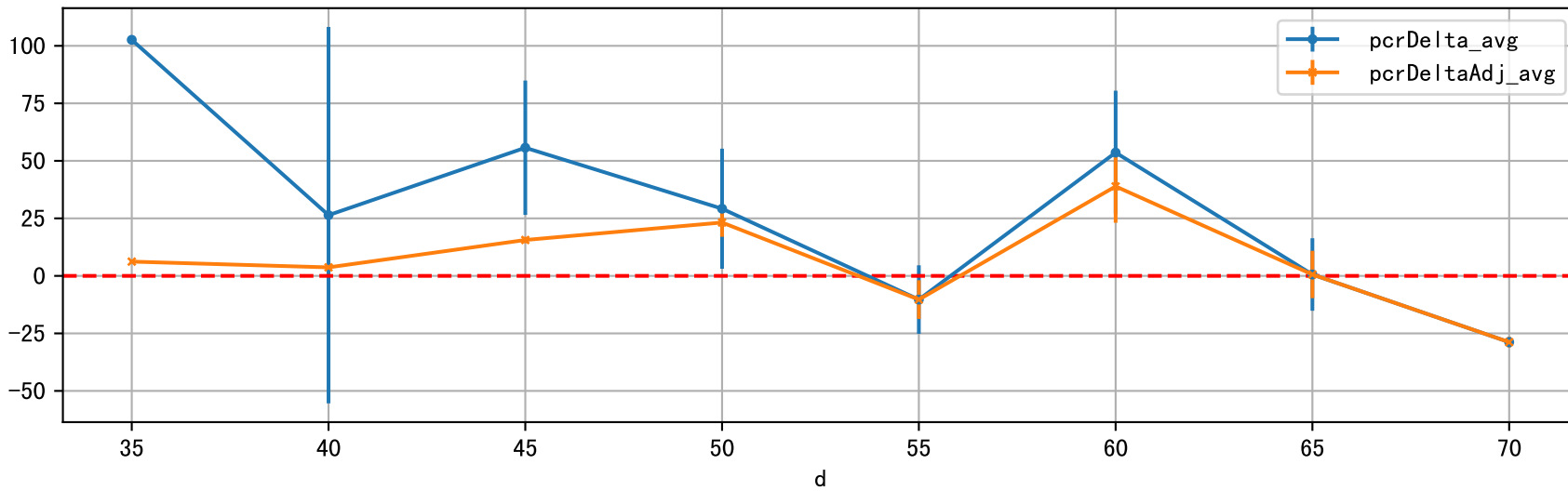
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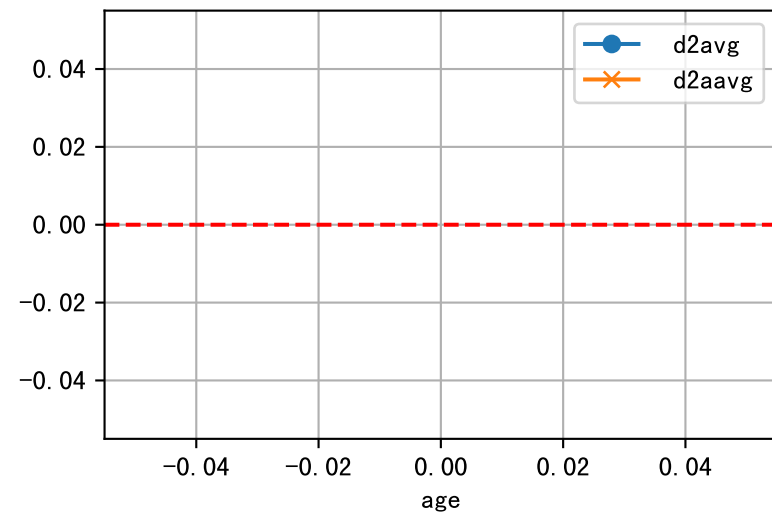
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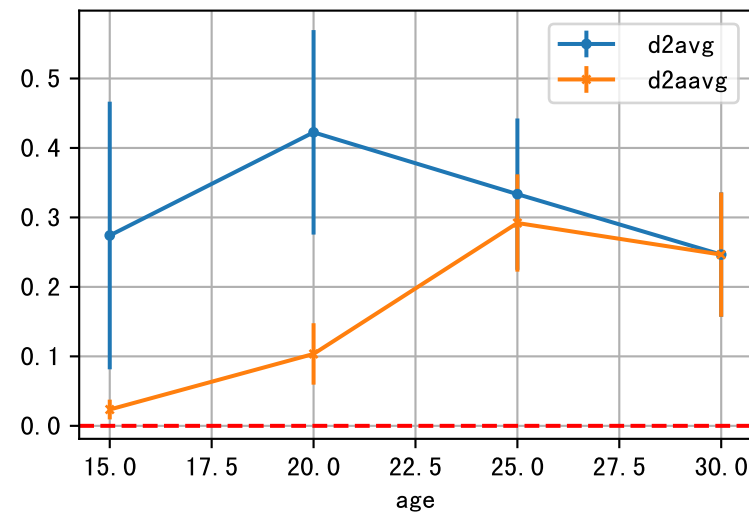
P9AW FrV: D_Fr1_FrV



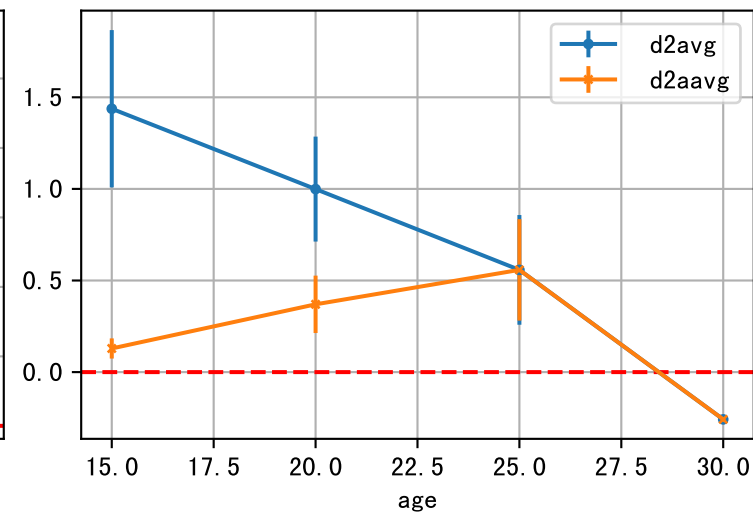
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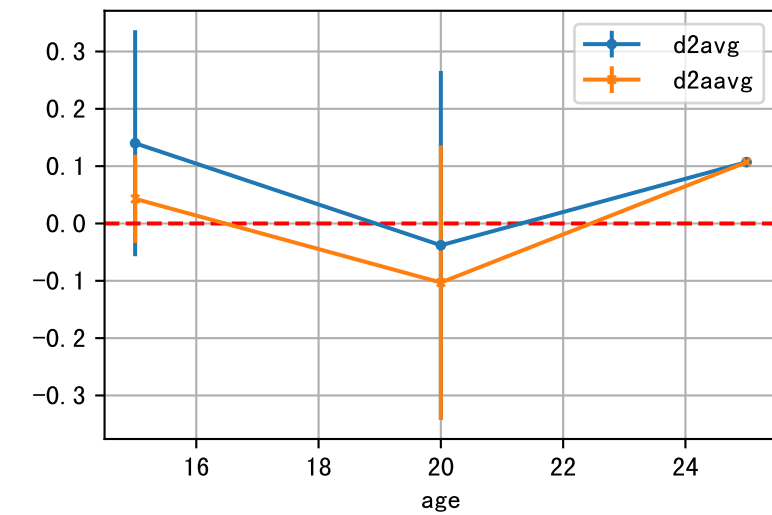
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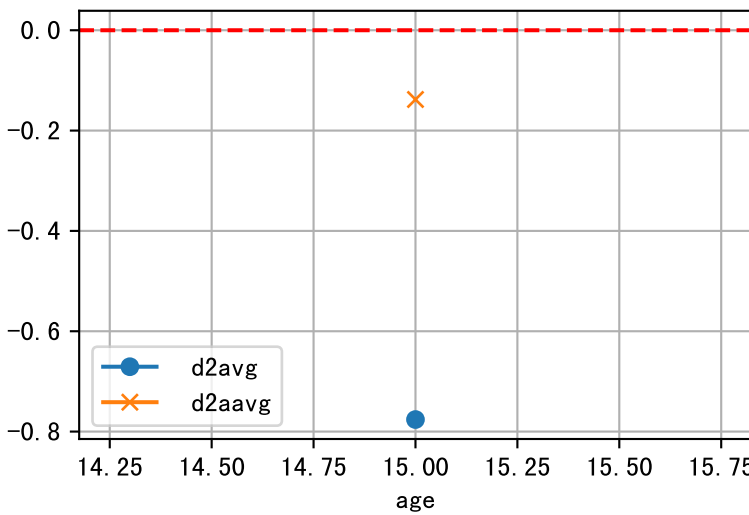
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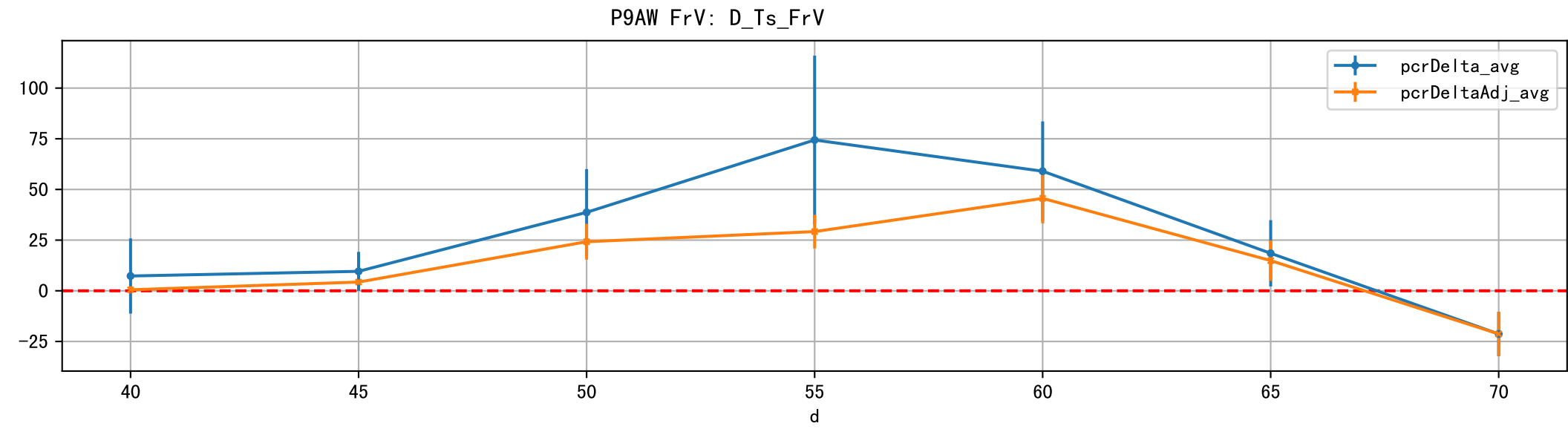


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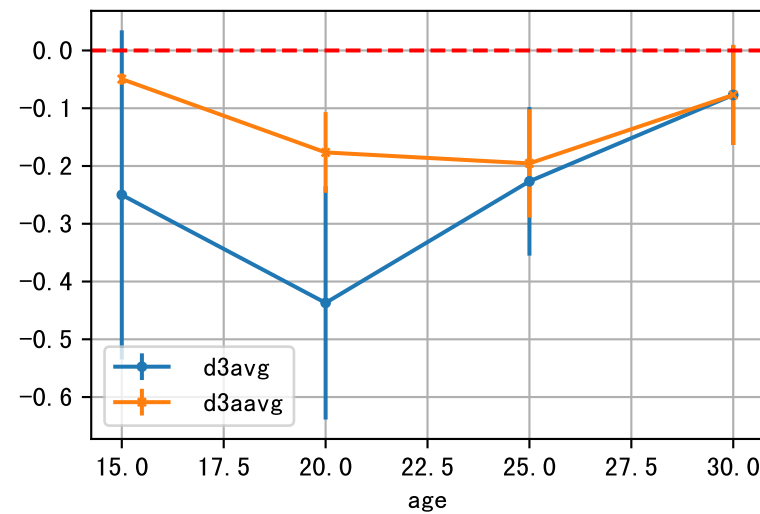
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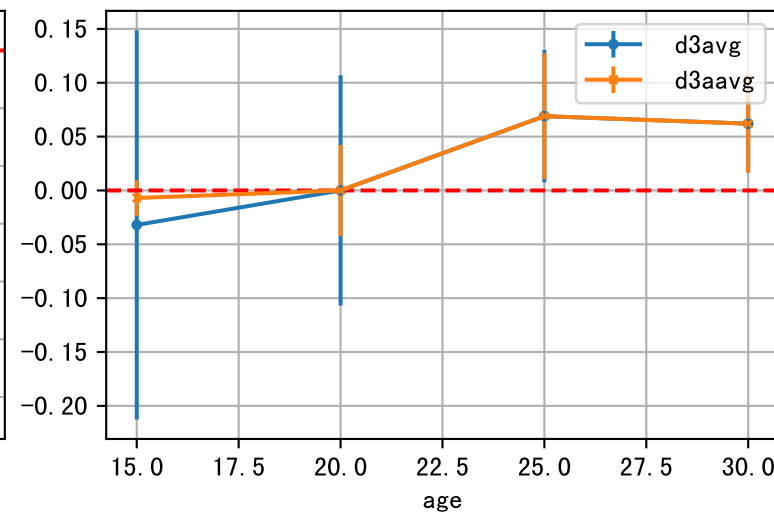


FrV: D_Q50_FrV

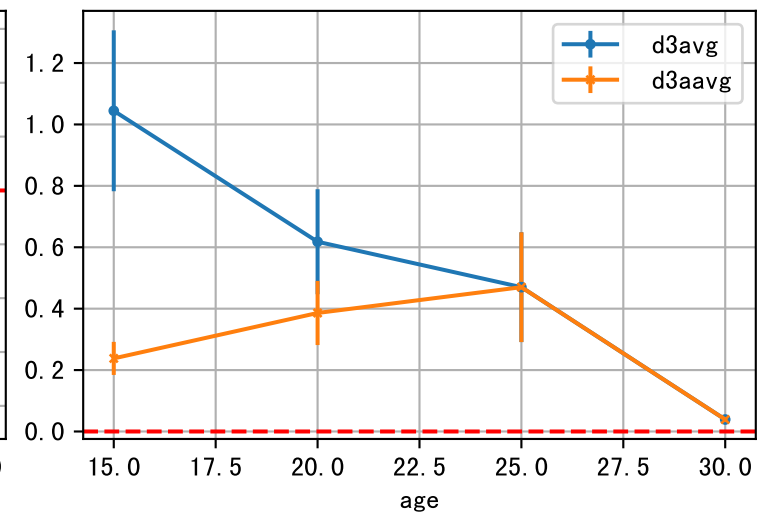
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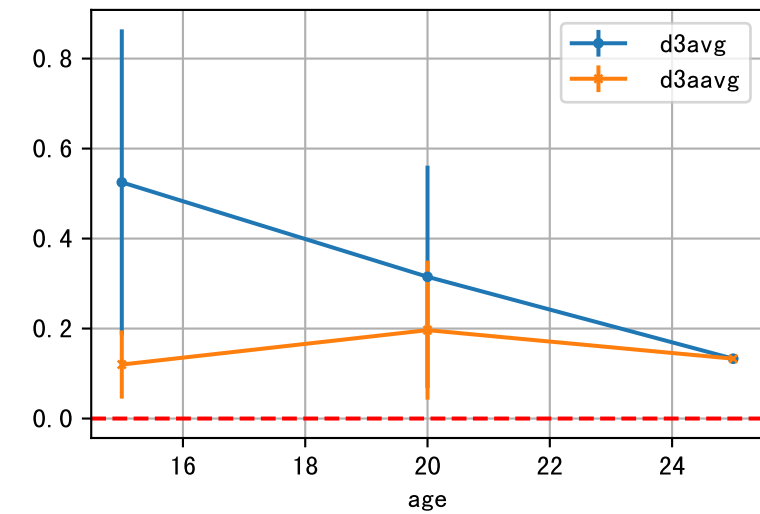
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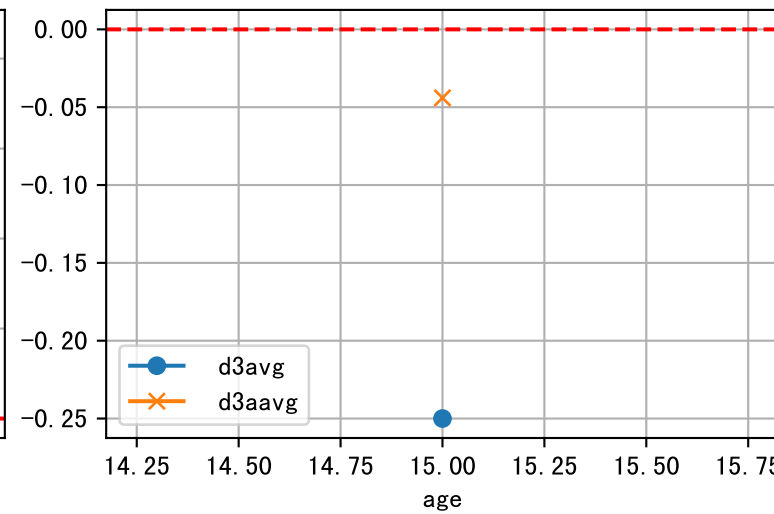
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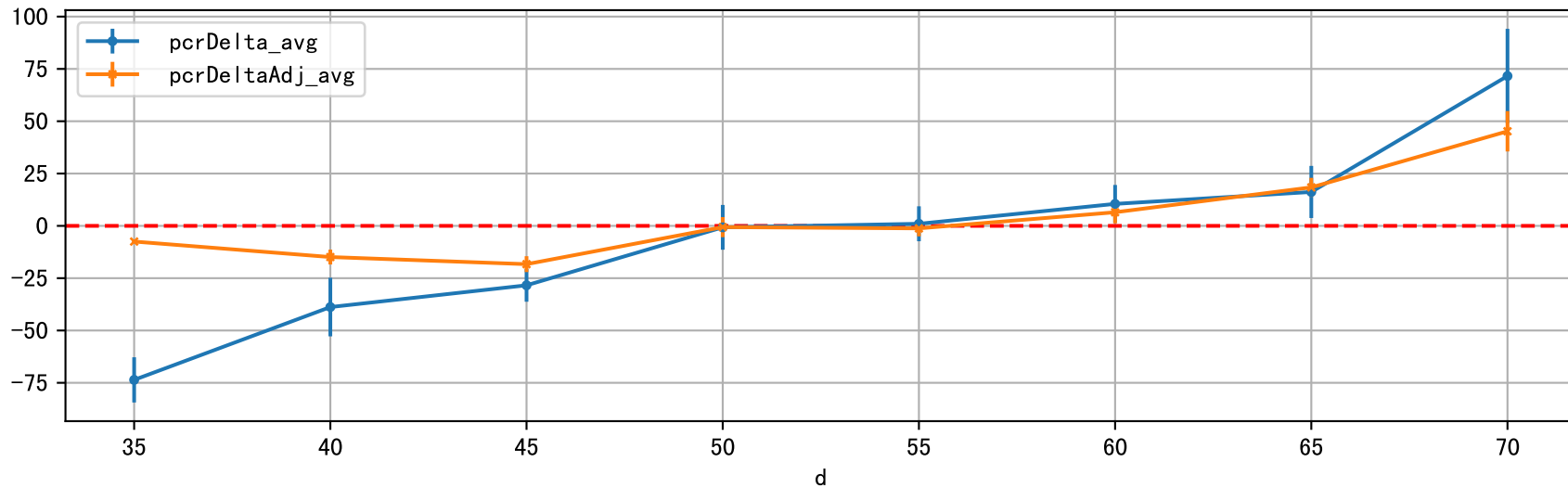
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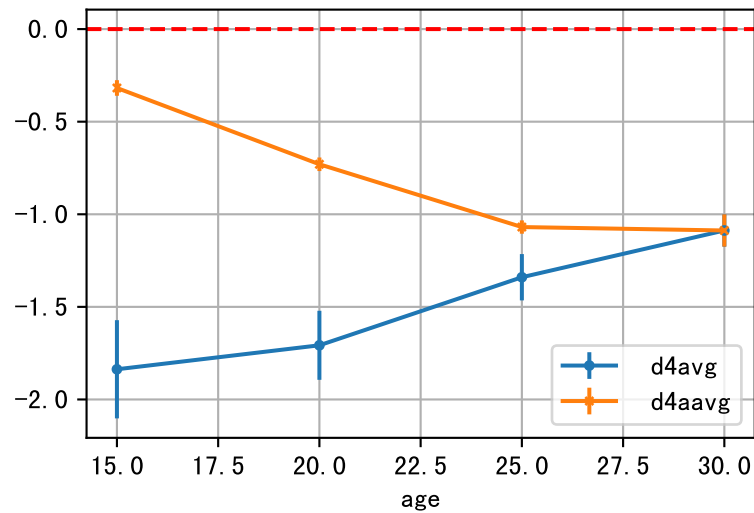
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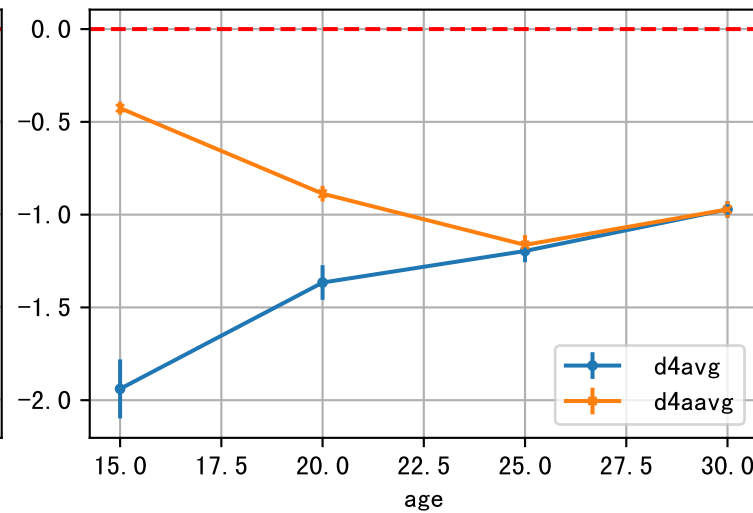
P9AW FrV: D_Q50_FrV



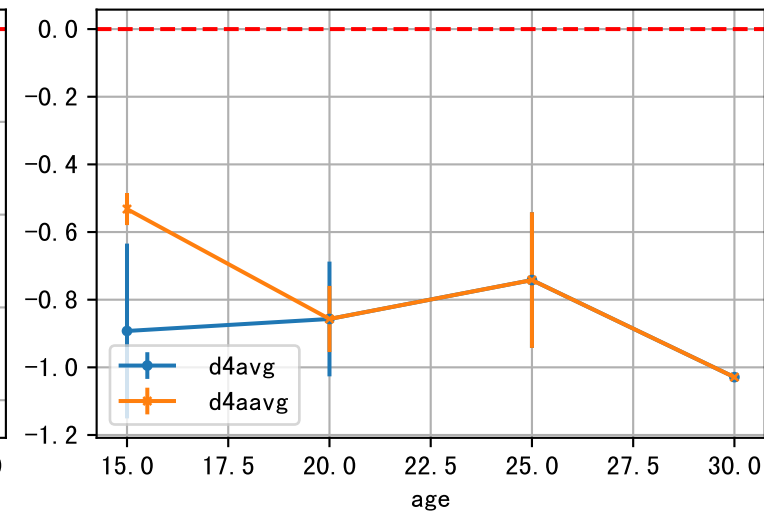
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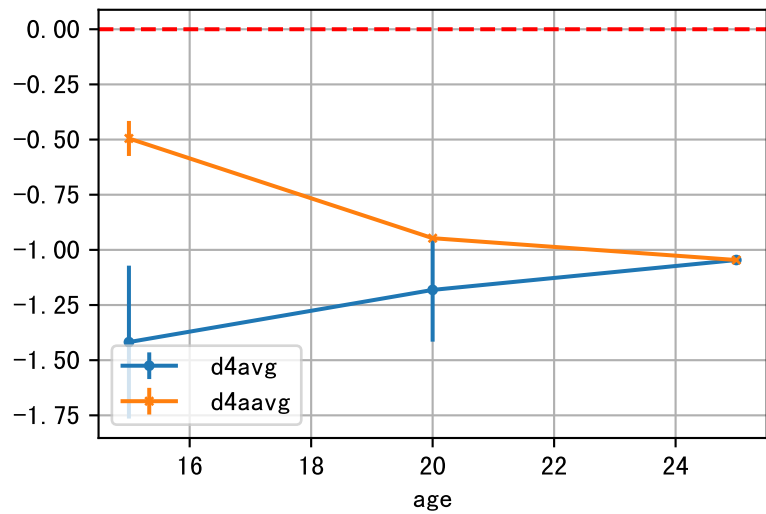
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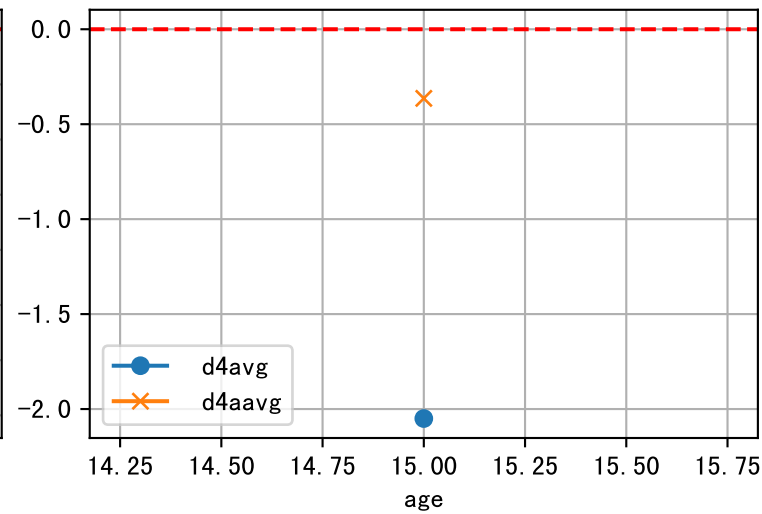
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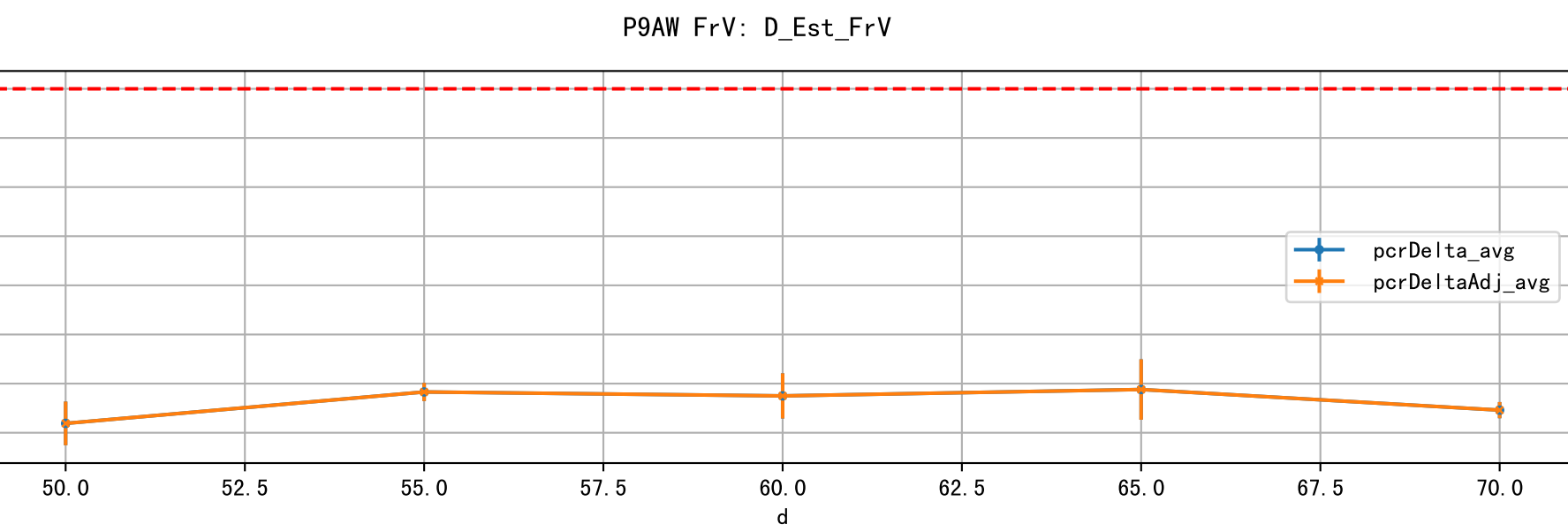


organID=4



organID=5





P9AW FrV: sfDem

