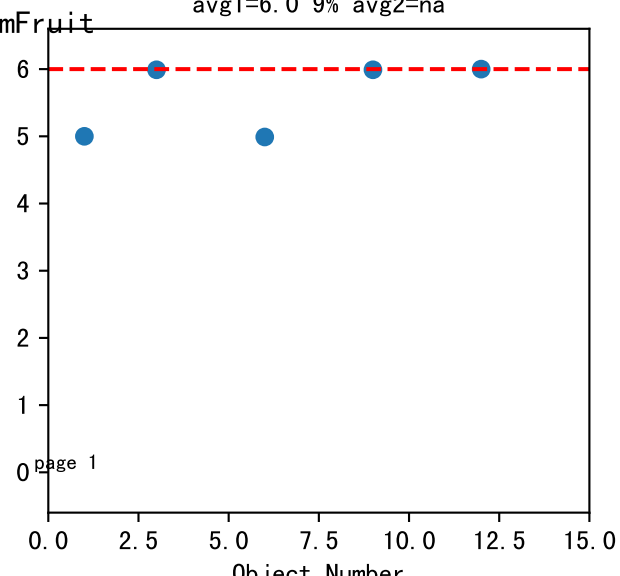
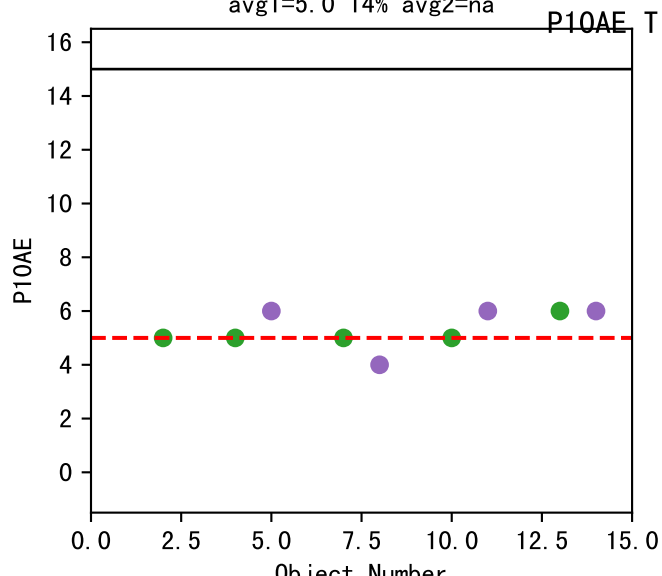
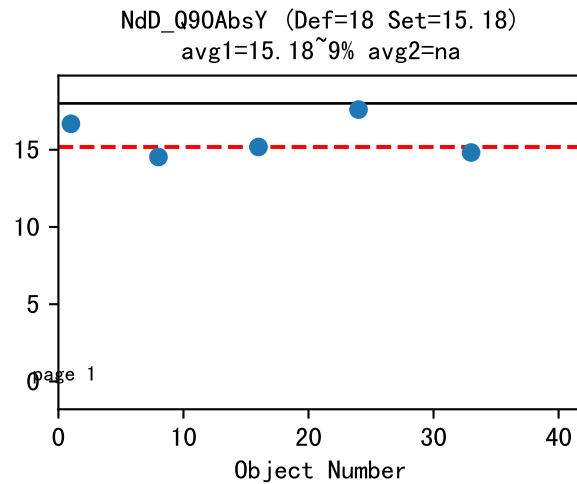
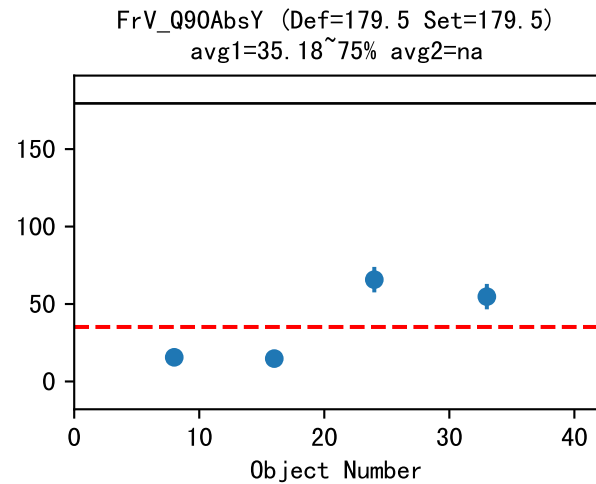
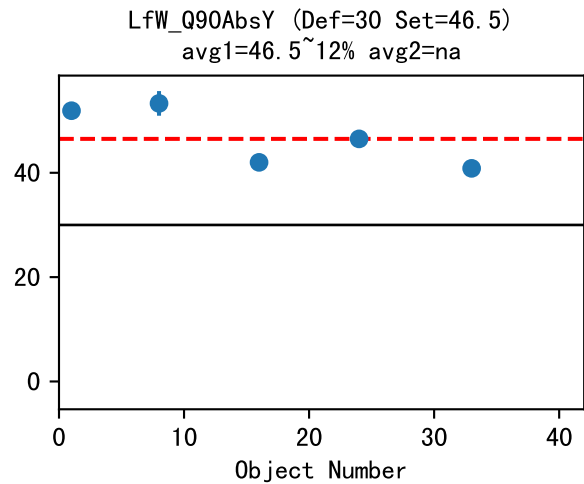
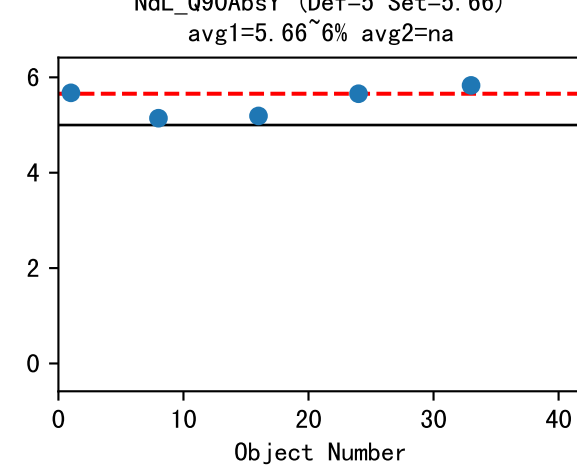
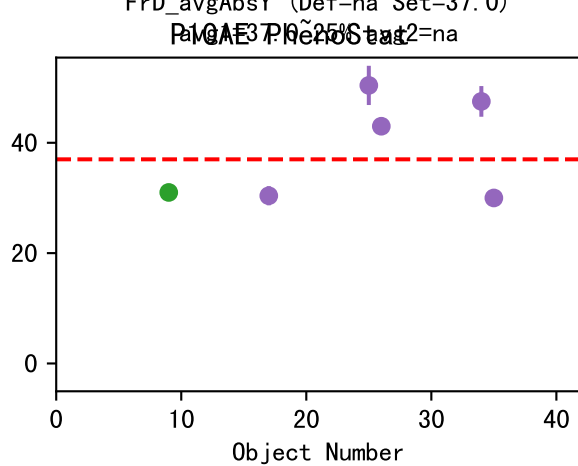
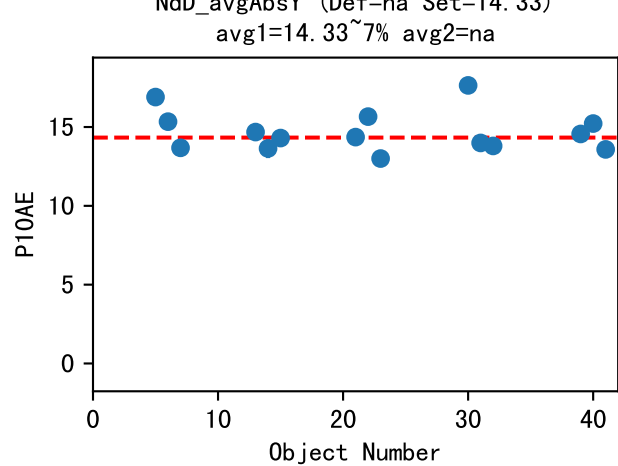


Phenotype Data Analysis Plots
PhenoData day range = 18 - 78
Analysis cutoff day = 78
NC11 P10
2026-01-05 (Day 79)

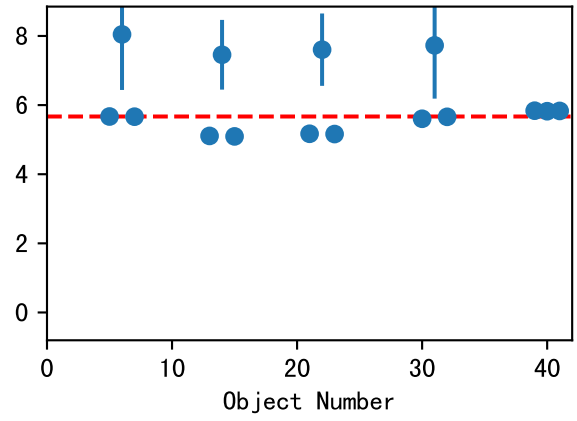
avg1=0.00% avg2=na
P10AE Trimmuss



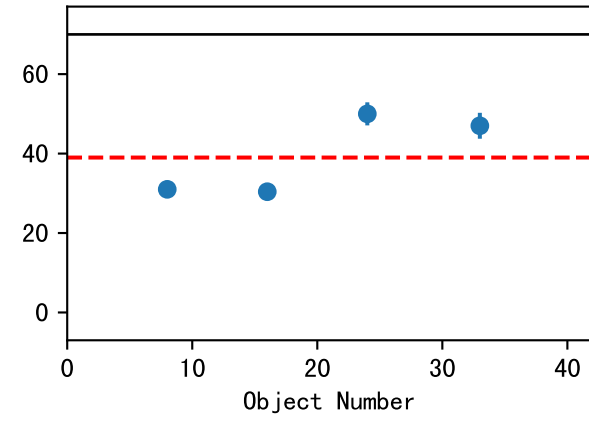




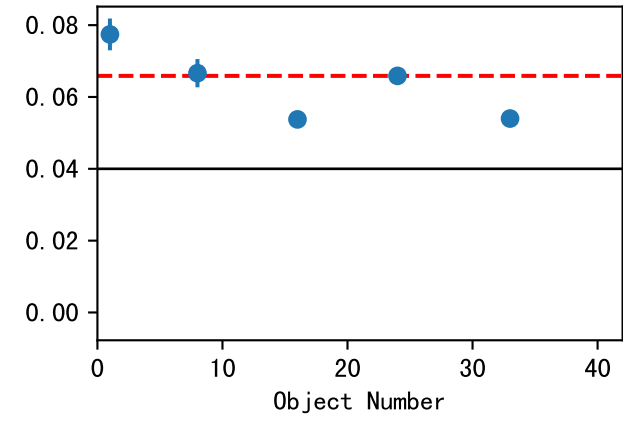
NdL_avgAbsY (Def=na Set=5.67)
avg1=5.67~18% avg2=na



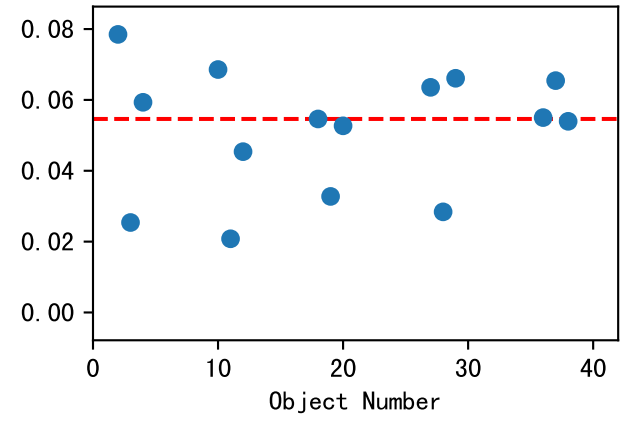
FRD_Q90AbsY (Def=70 Set=39.0)
avg1=39.0~27% avg2=na



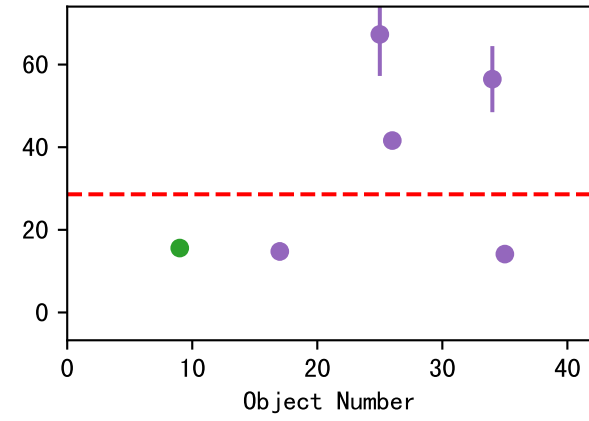
LTA_Q90AbsY (Def=0.04 Set=0.07)
avg1=0.07~15% avg2=na



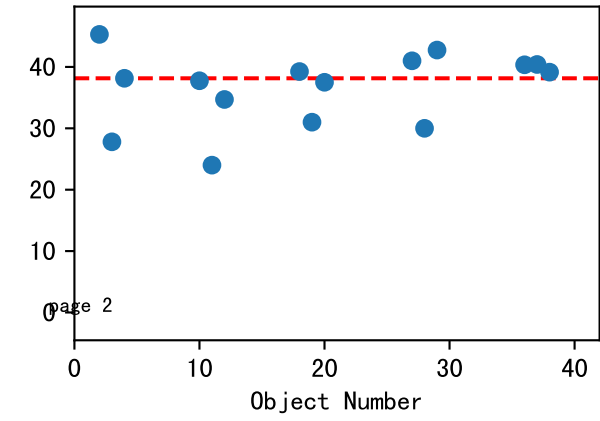
LfA_avgAbsY (Def=na Set=0.05)
avg1=0.05~32% avg2=na



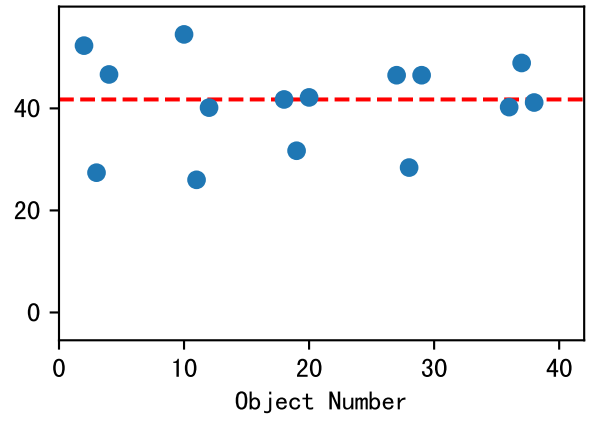
FrV_avgAbsY (Def=na Set=28.6)
avg1=28.6~82% avg2=na



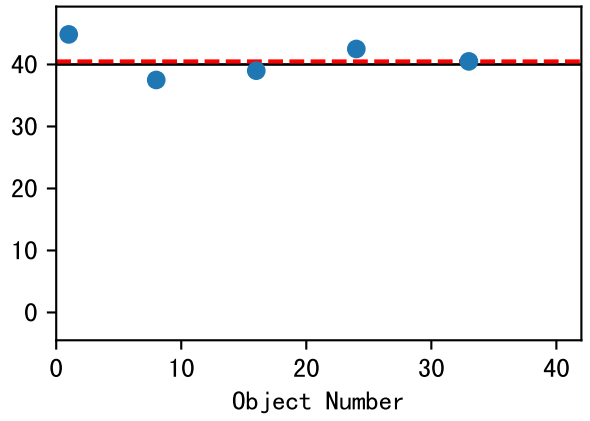
LfL_avgAbsY (Def=na Set=38.15)
avg1=38.15~16% avg2=na



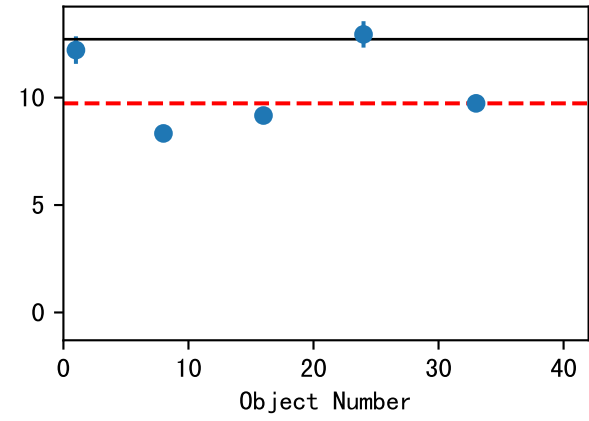
LTV_avgAbsY (Def=na Set=41.75)
avg1=41.75~21% avg2=na



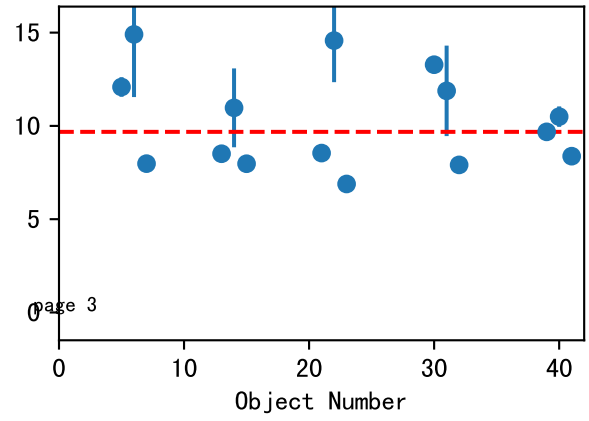
LTV_Q90AbsY (Def=40 Set=40.5)
avg1=40.5~7% avg2=na



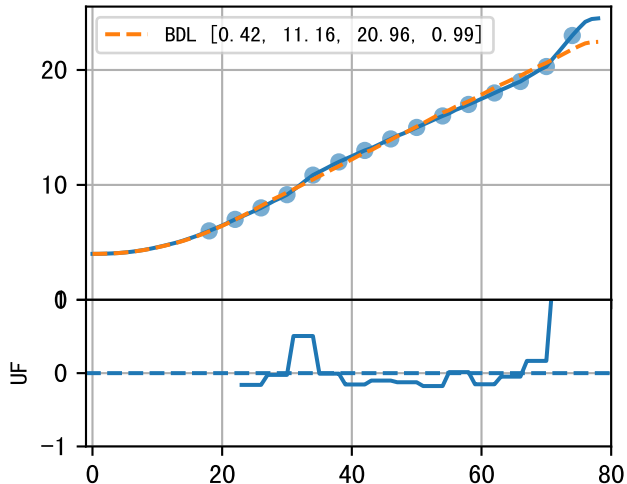
NdV_avgAbsY (Def=12.72 Set=9.73)
avg1=9.73~21% avg2=na



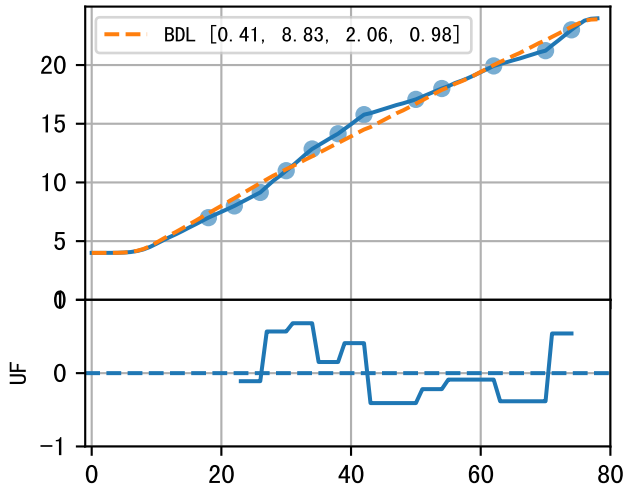
NdV_avgAbsY (Def=na Set=9.68)
avg1=9.68~27% avg2=na



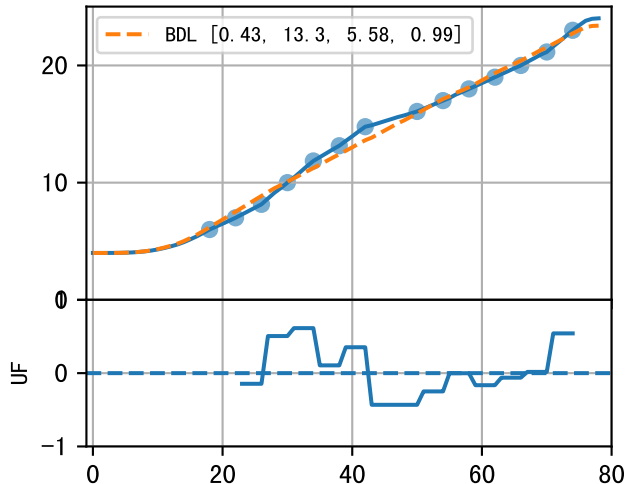
P10AE-081-12 (fit failed)



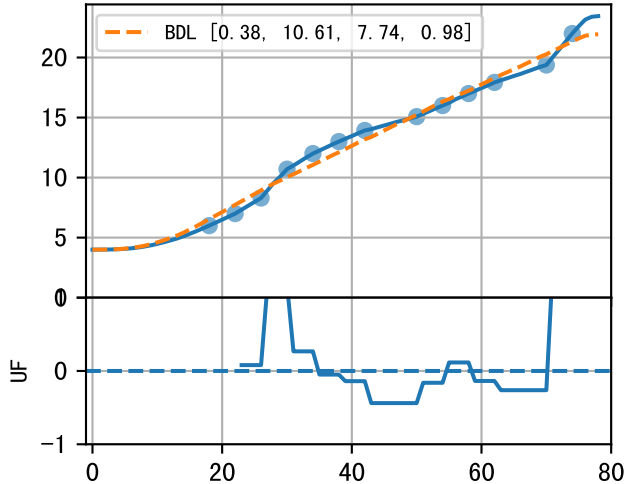
P10AE-087-27 (fit failed)



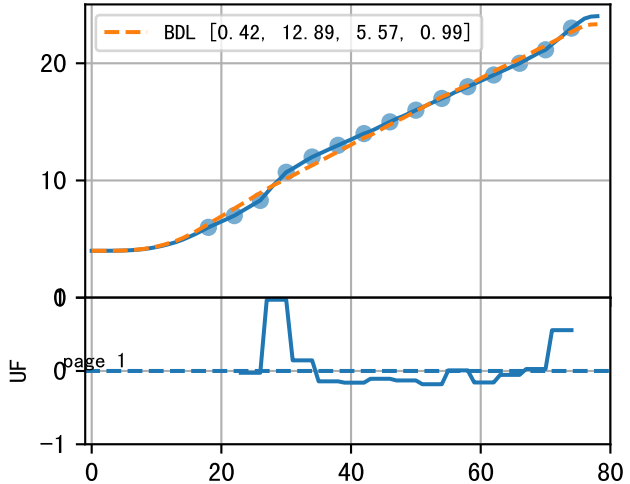
P10AE-095-20 (fit failed)



P10AE-103-32 (fit failed)

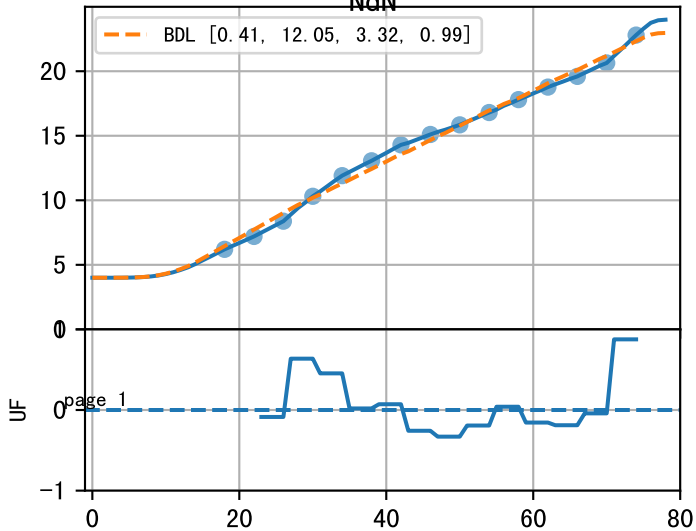


P10AE-114-7 (fit failed)



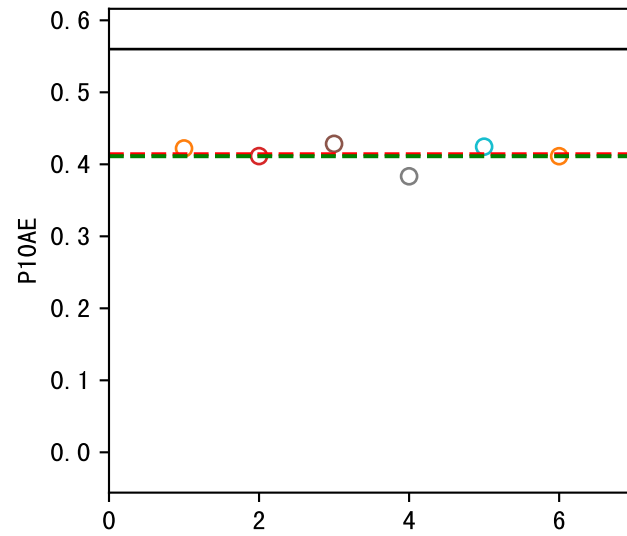
PIOEavg (fit failed)
NdN

BDL [0.41, 12.05, 3.32, 0.99]

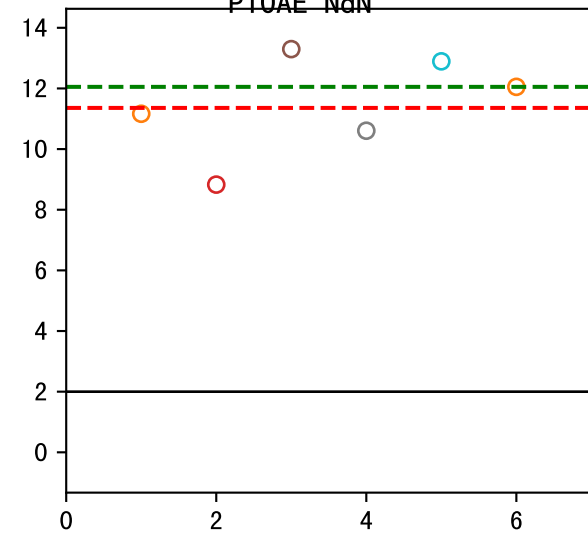


UF page 1

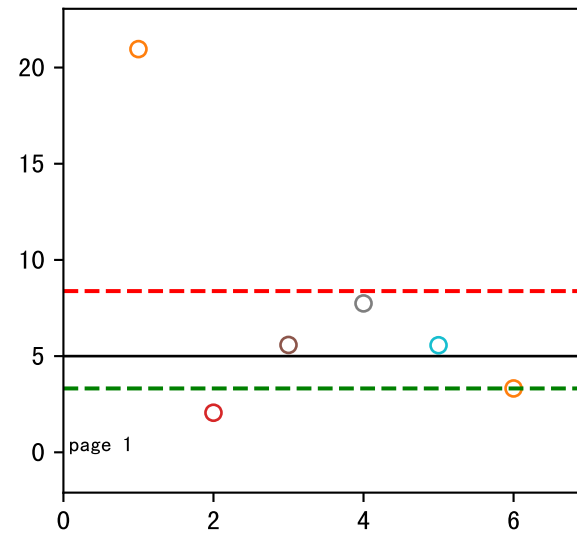
avg1=0.41 (fail) avg2=0.41

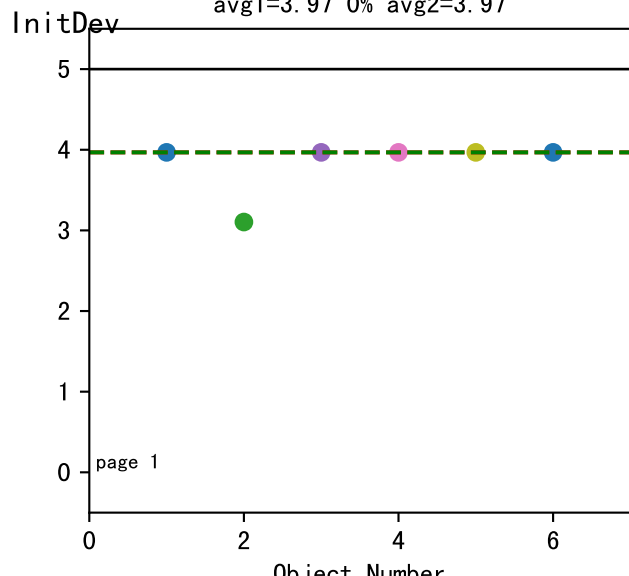
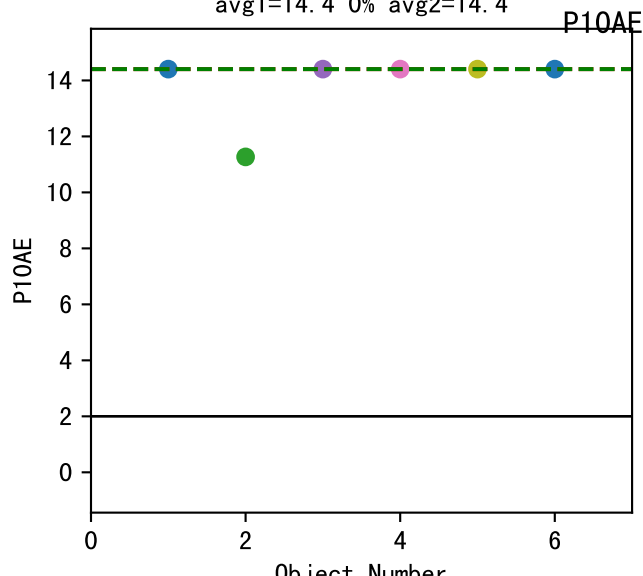


avg1=11.36 (fail) avg2=12.05

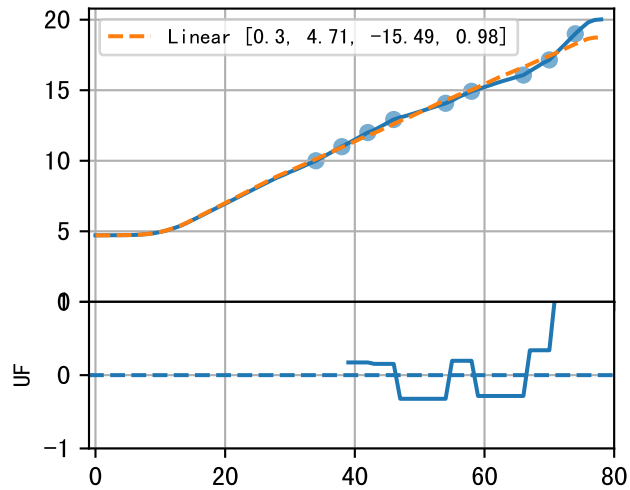


avg1=8.38 (fail) avg2=3.32

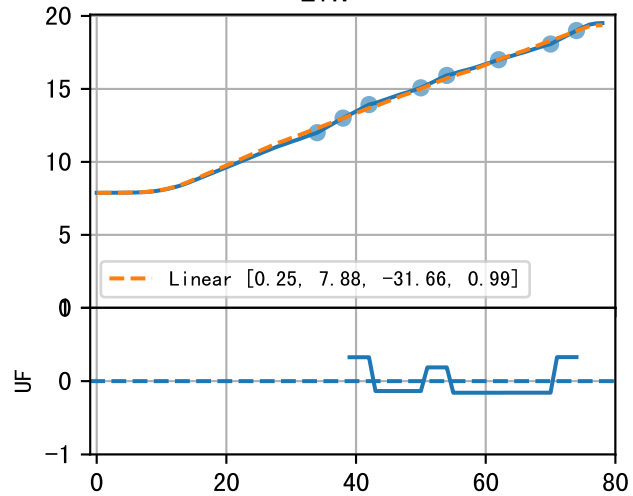




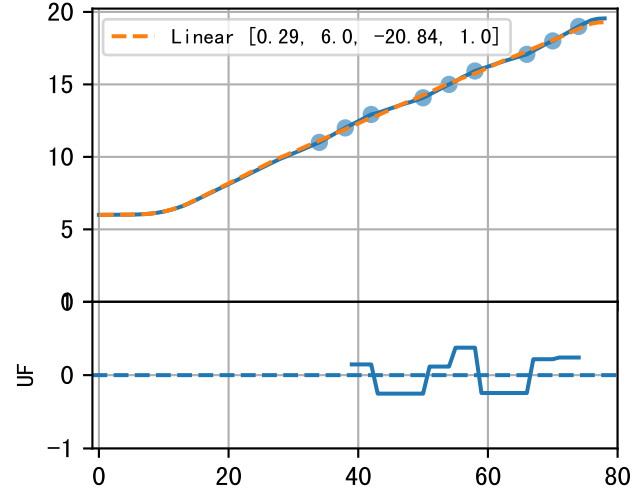
P10AE-081-12



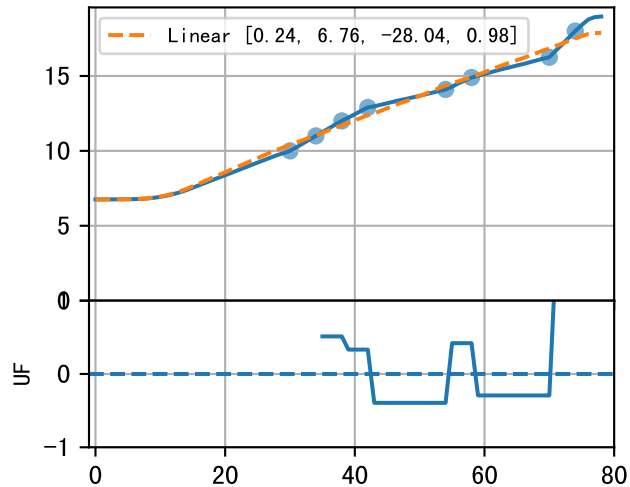
P10AE-087-27



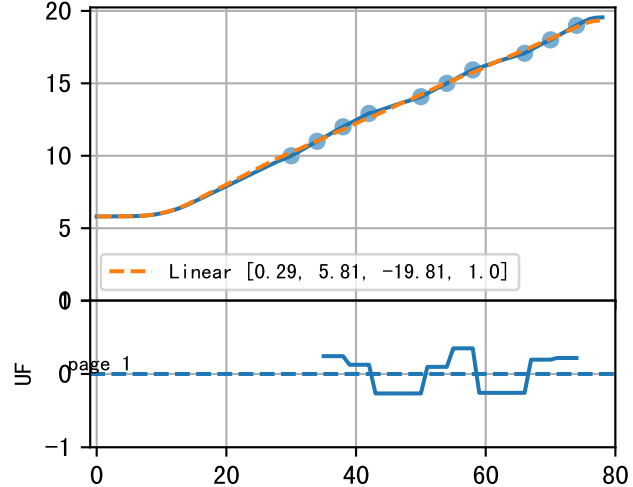
P10AE-095-20



P10AE-103-32

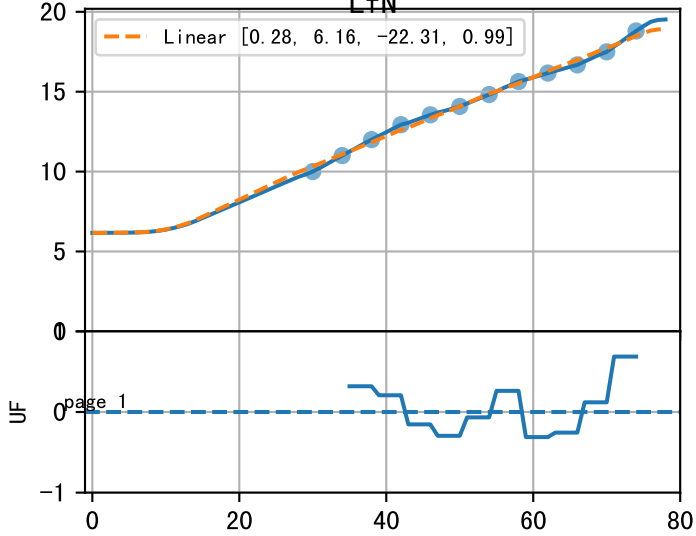


P10AE-114-7



PTUARavg
LfN

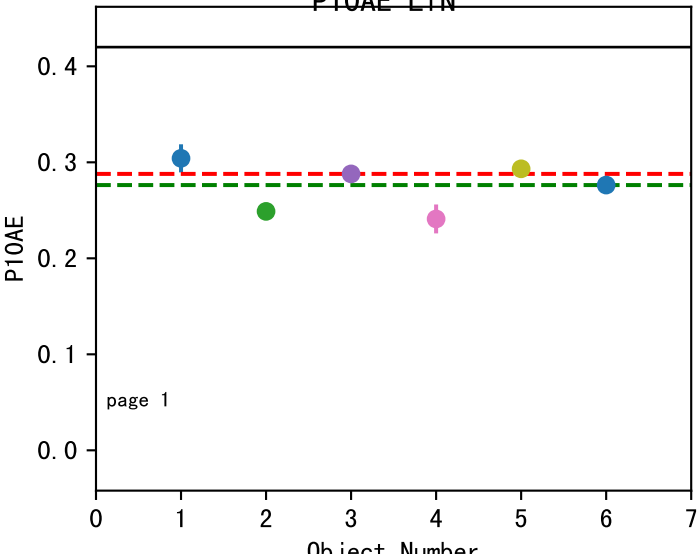
Linear [0.28, 6.16, -22.31, 0.99]



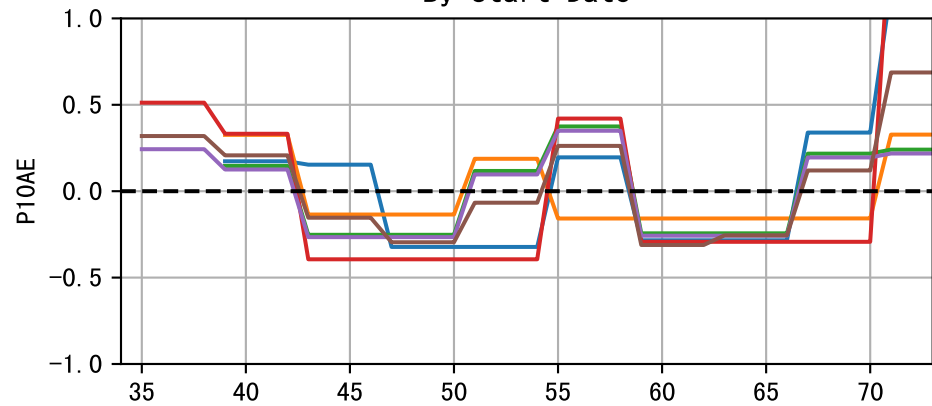
page 1

avg1=0.29 10% avg2=0.28 6%

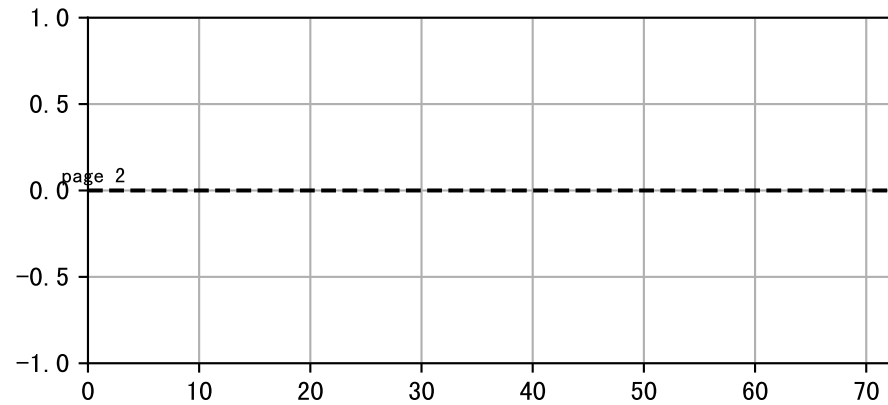
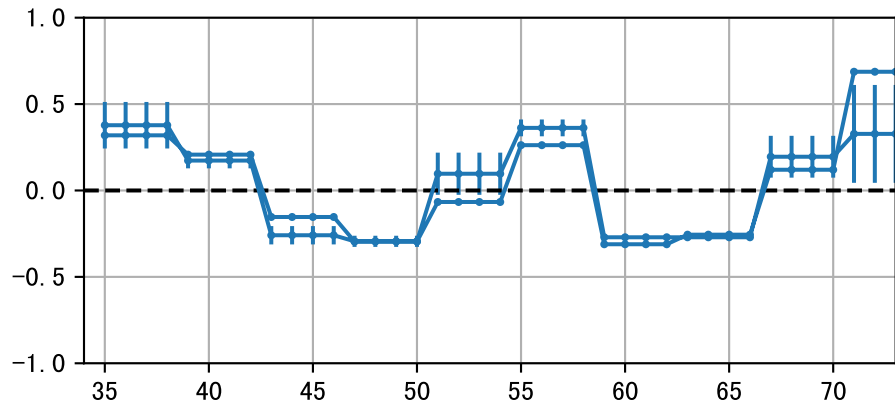
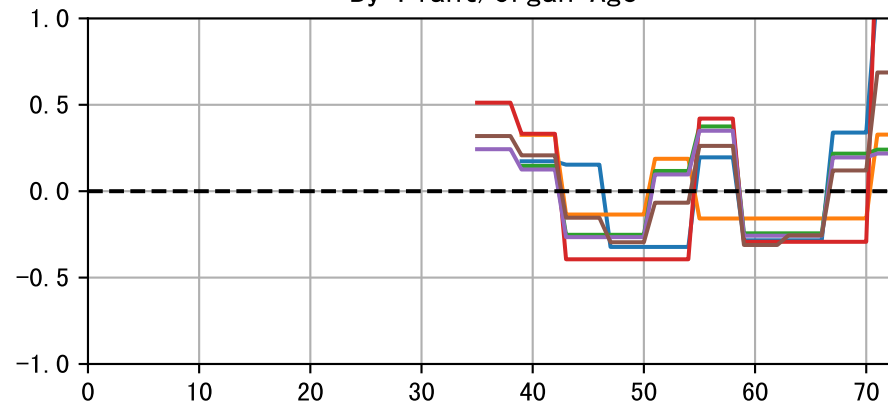
P10AE LFN



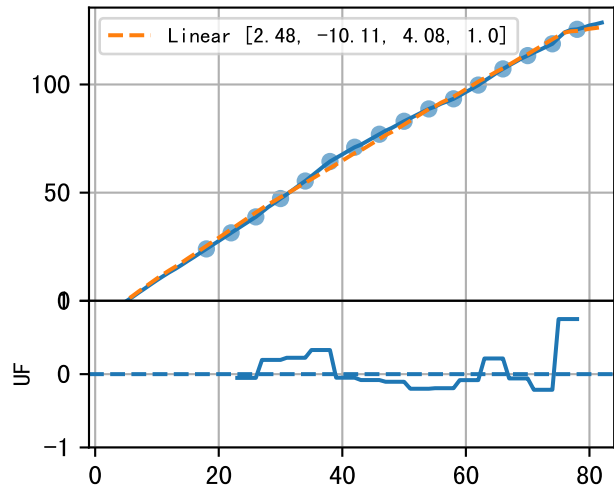
By Start Date



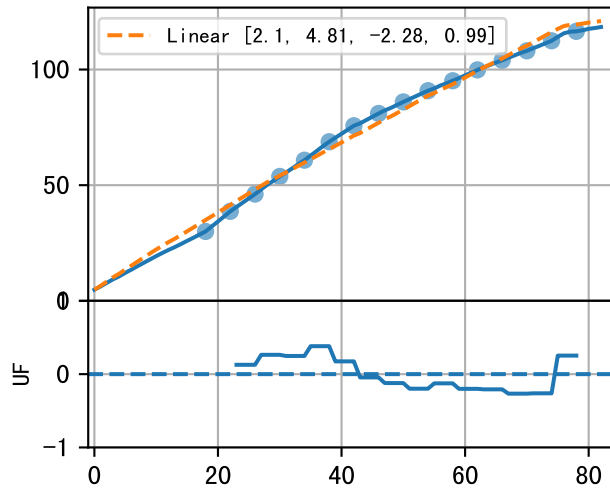
By Plant/Organ Age



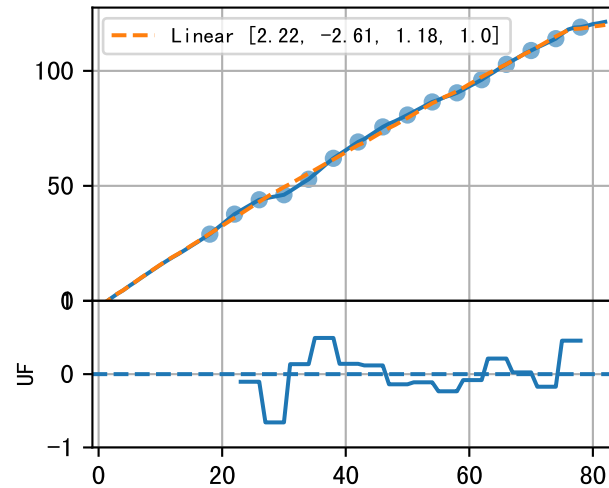
P10AE-081-12



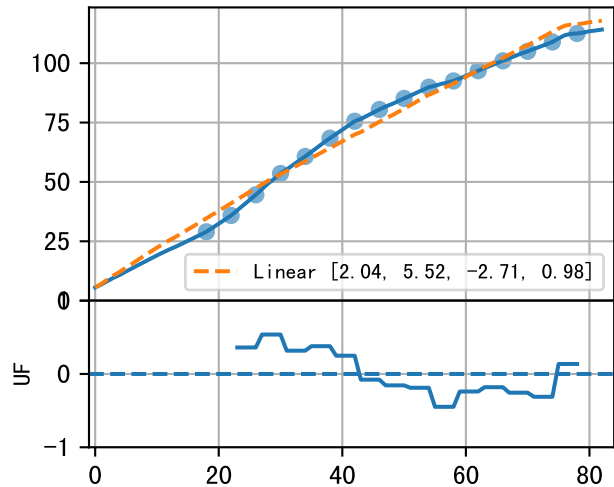
P10AE-087-27



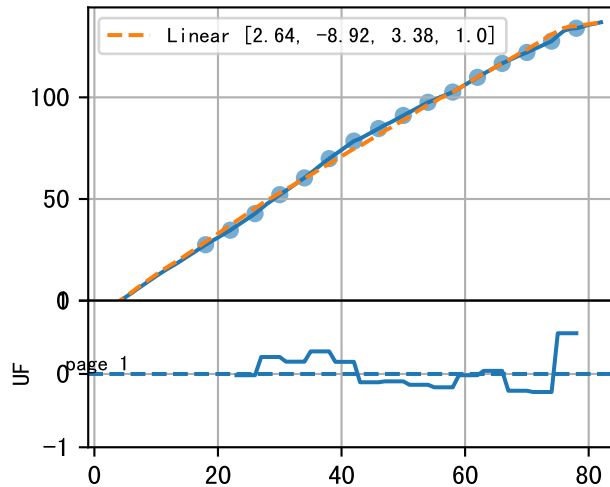
P10AE-095-20

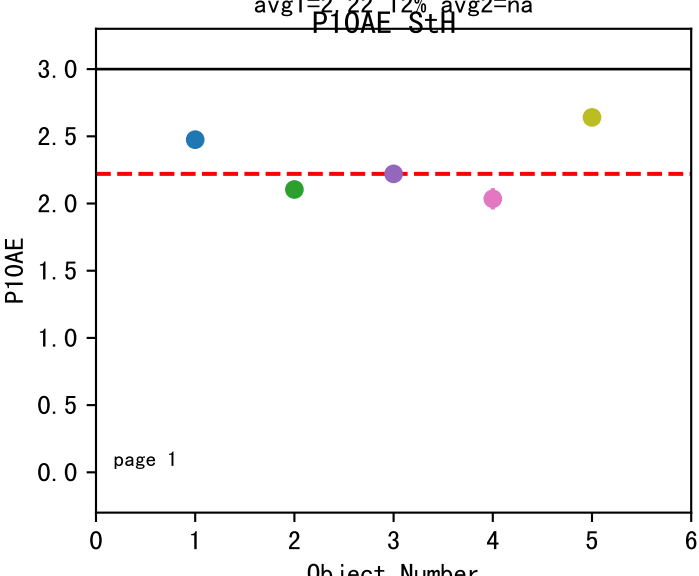


P10AE-103-32

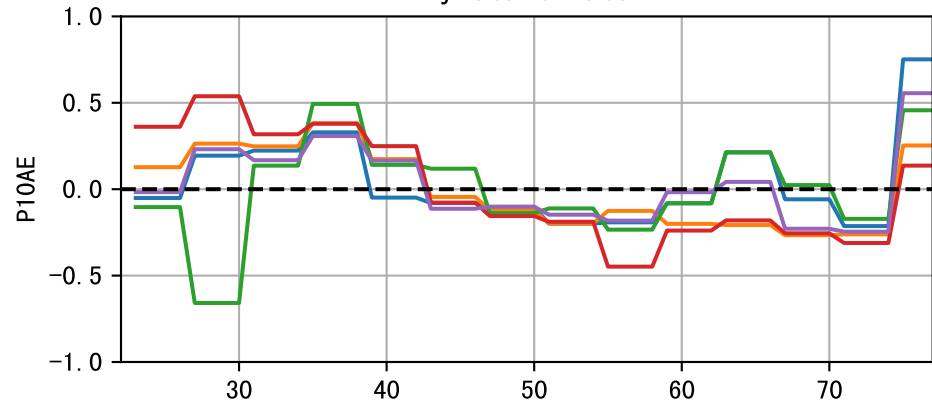


P10AE-114-7

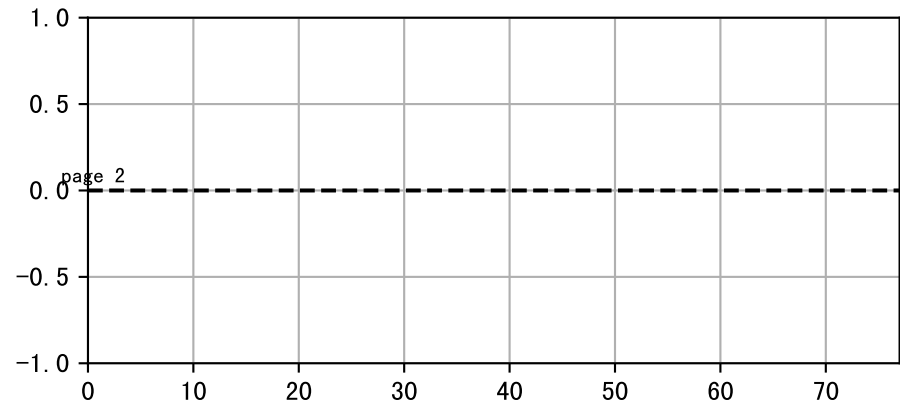
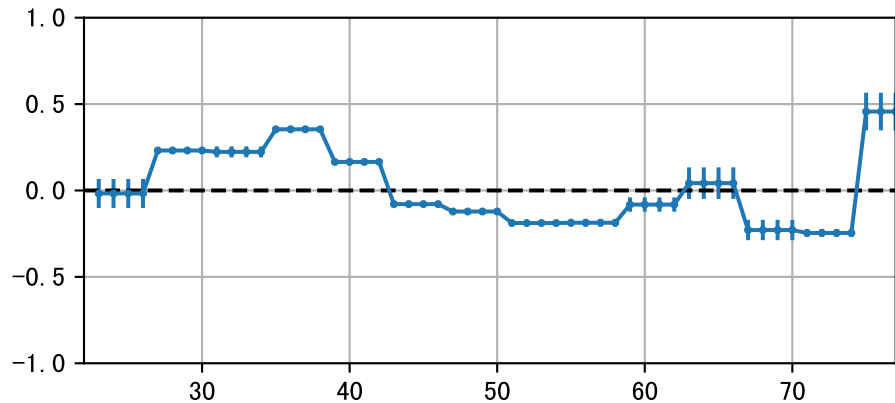
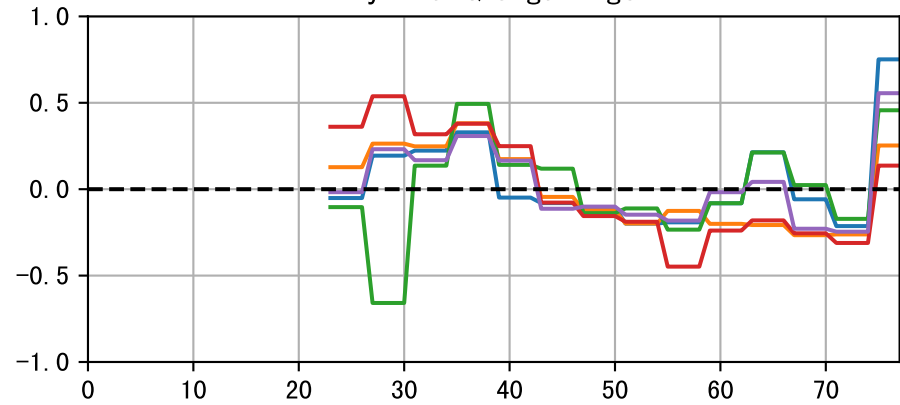




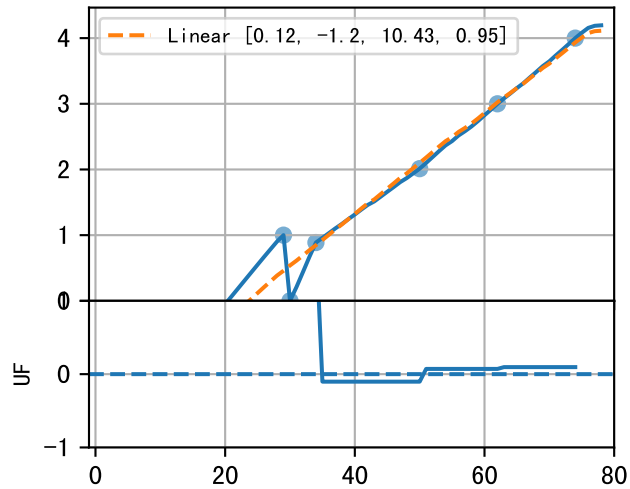
By Start Date



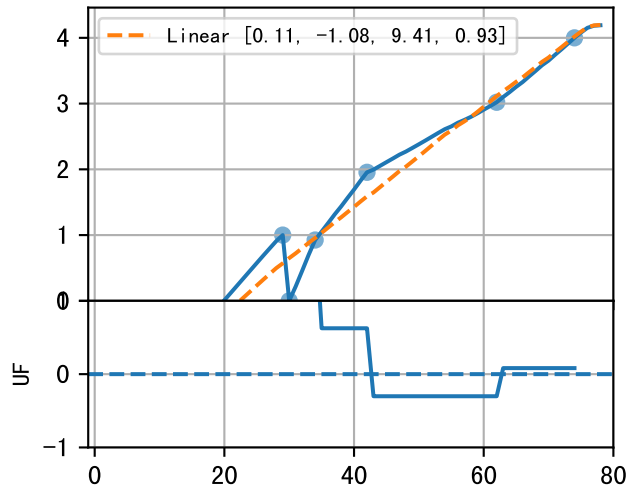
By Plant/Organ Age



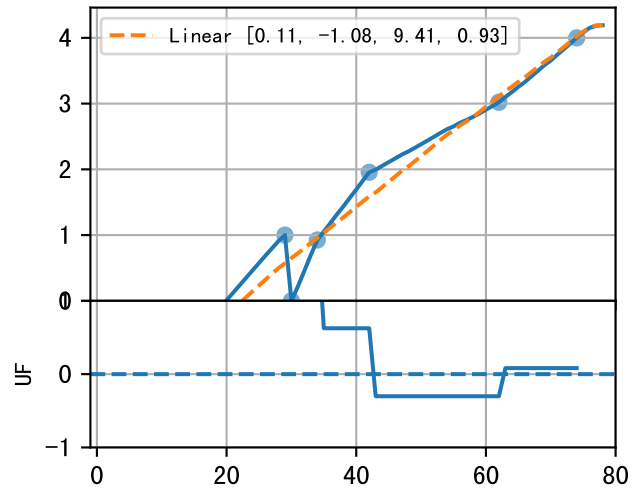
P10AE-081-12



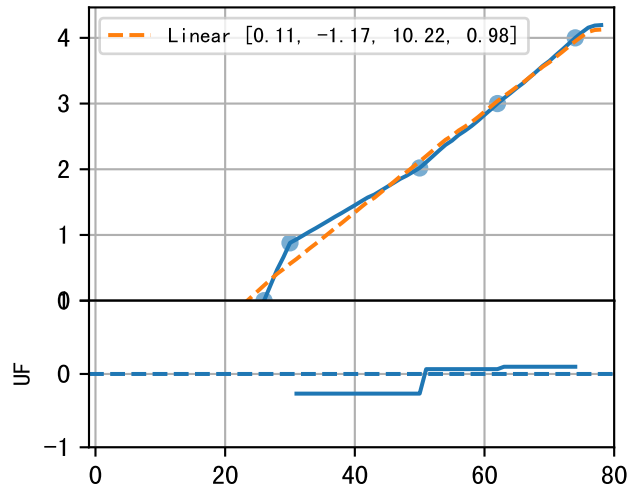
P10AE-087-27



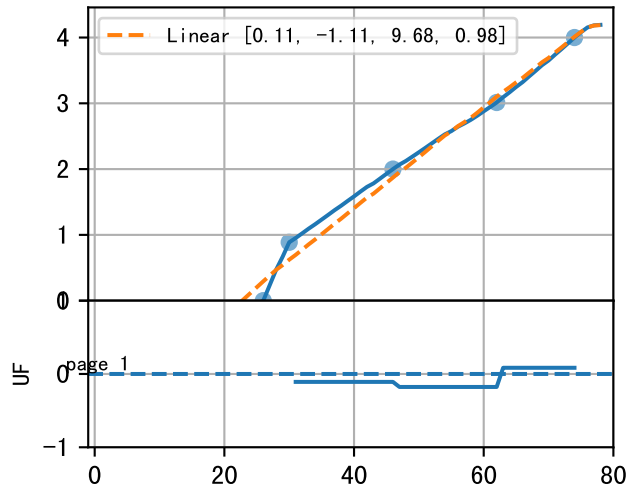
P10AE-095-20



P10AE-103-32

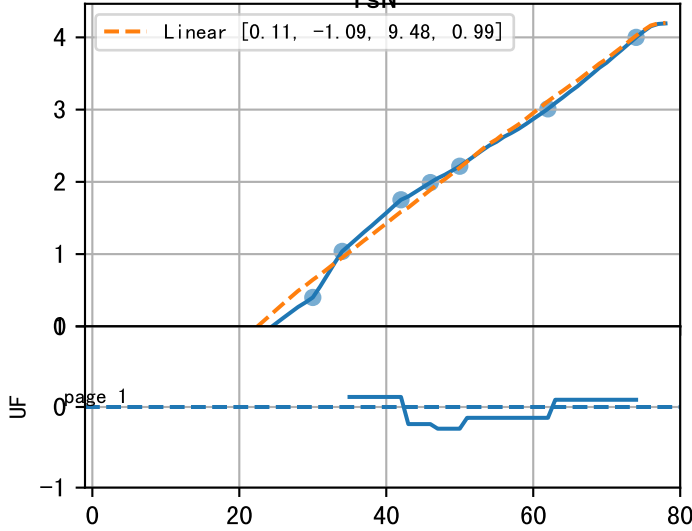


P10AE-114-7



PTOARavg
TSN

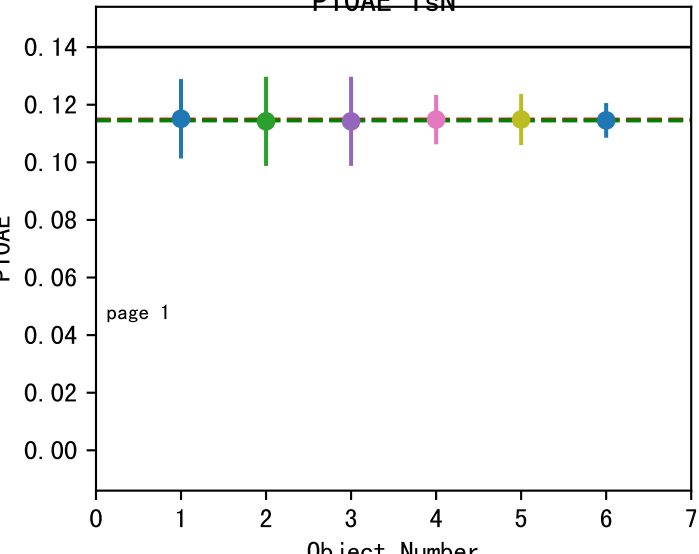
Linear [0.11, -1.09, 9.48, 0.99]



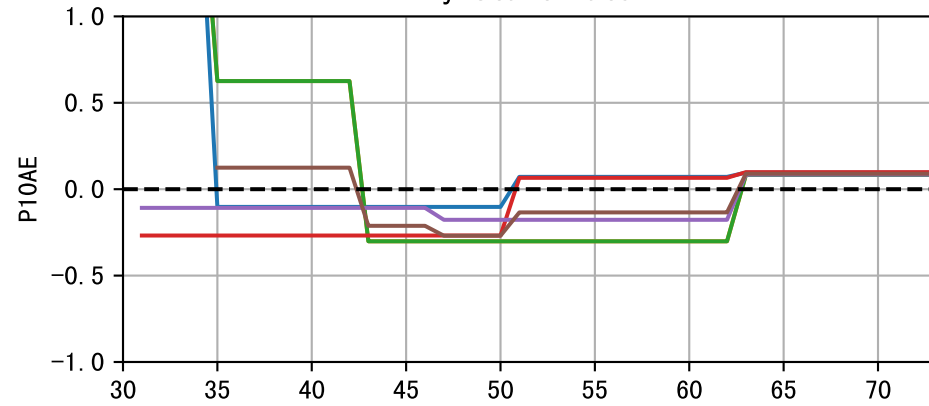
UF page 1

avg1=0.11 0% avg2=0.11 12%

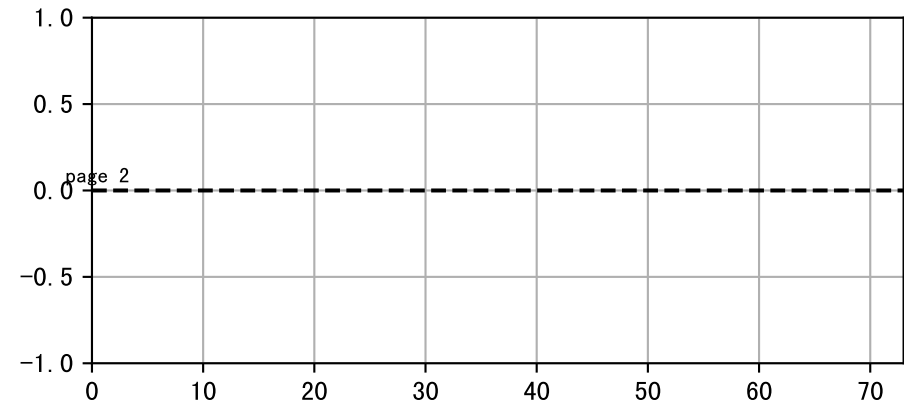
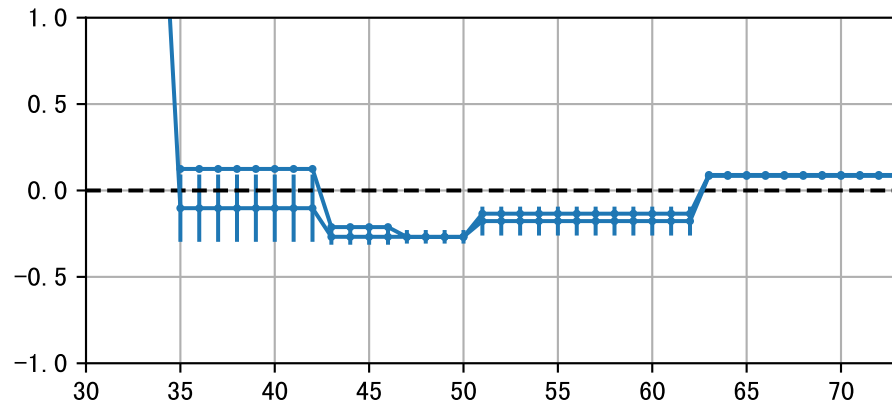
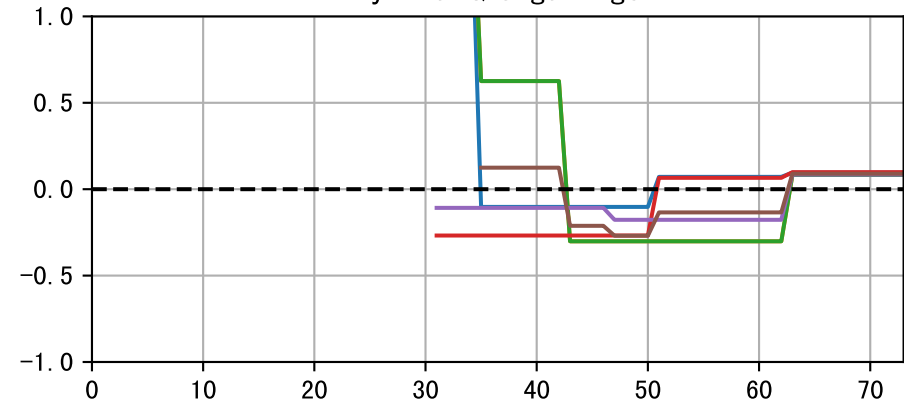
P10AE TSN

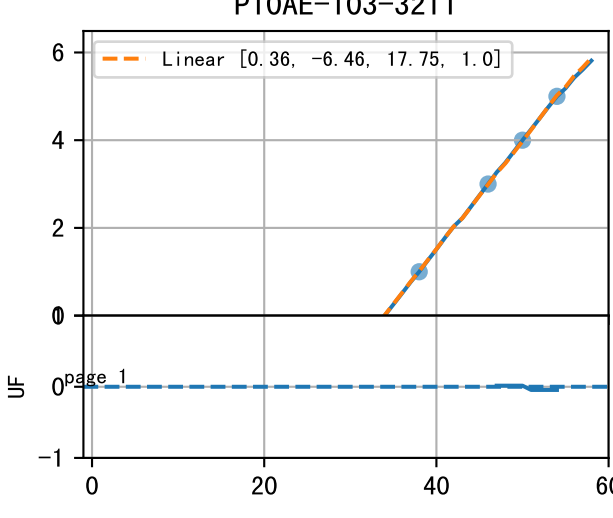
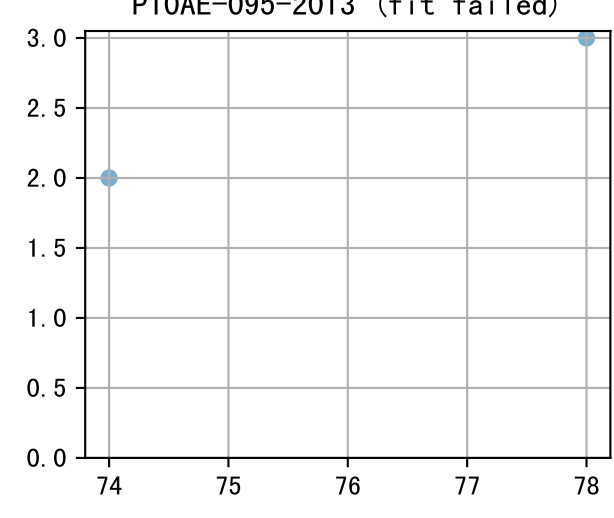
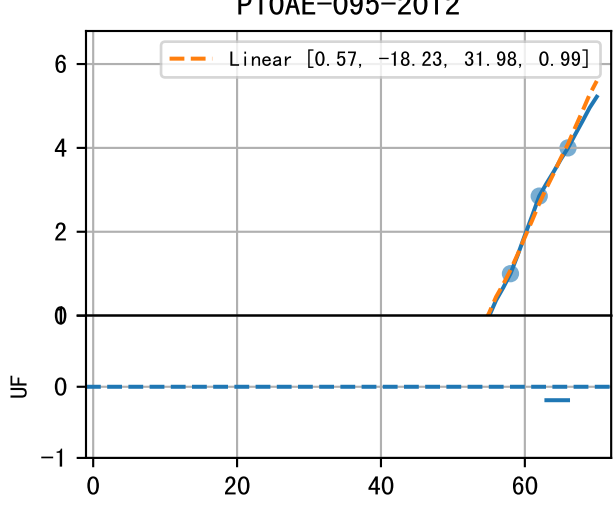
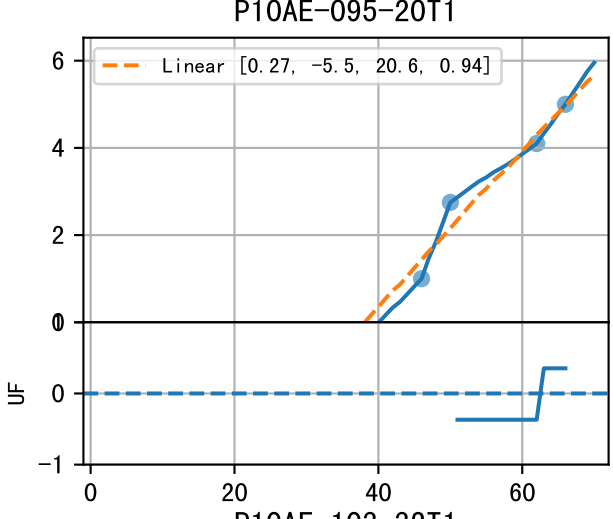
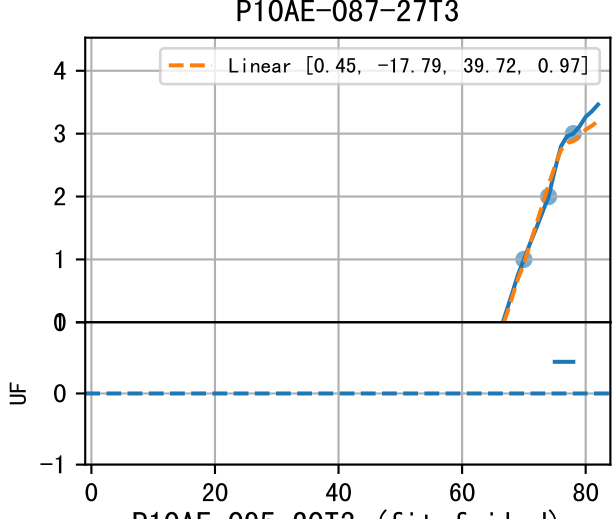
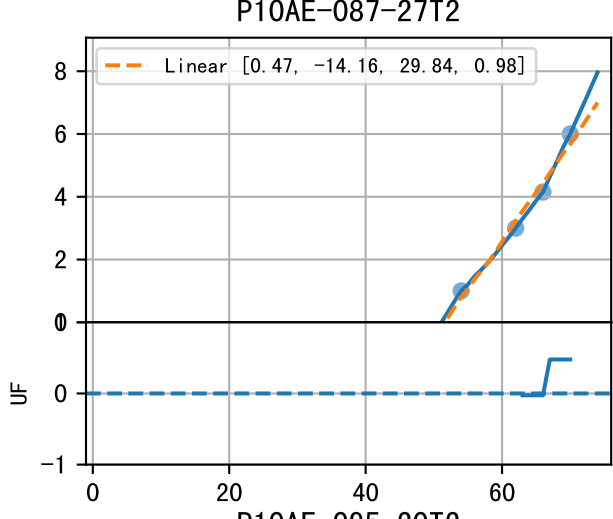
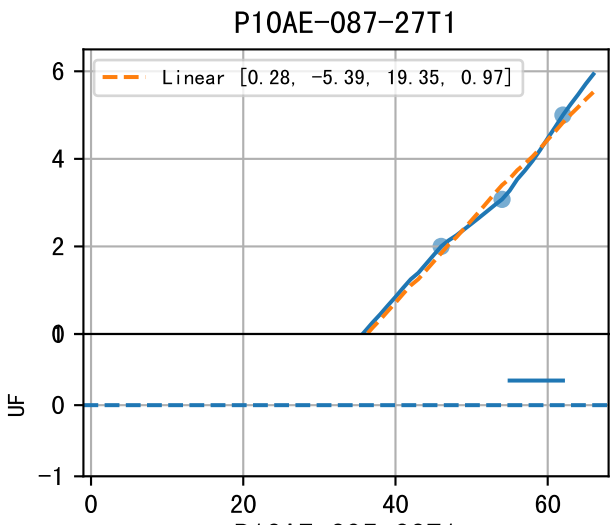
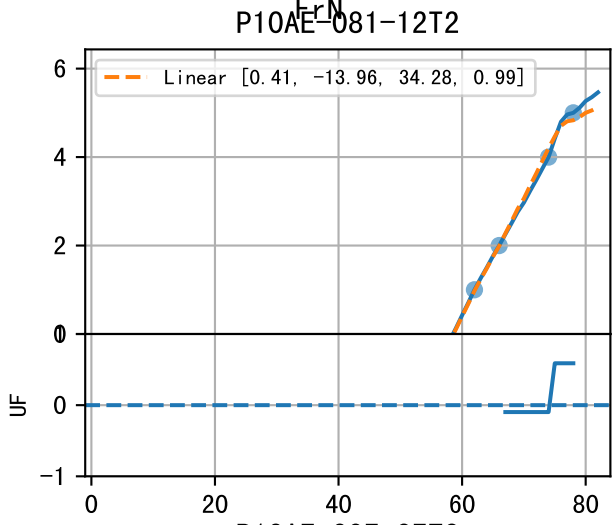
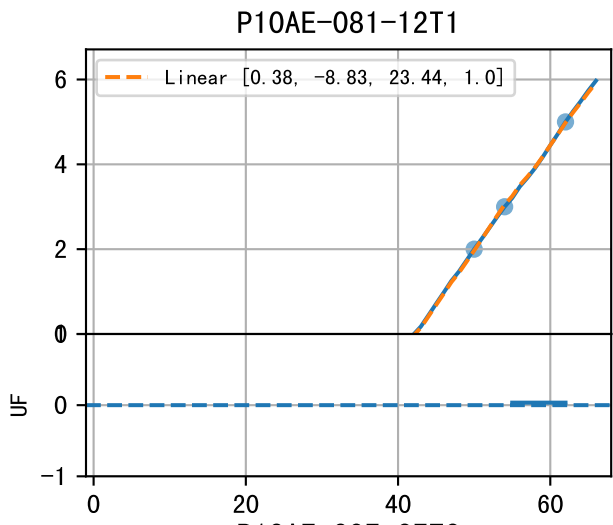


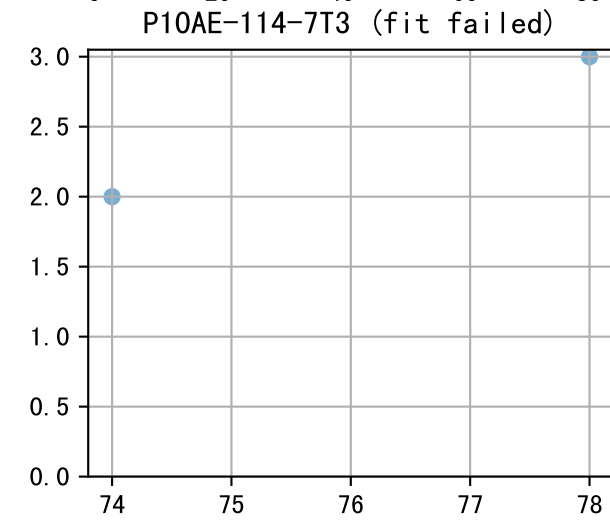
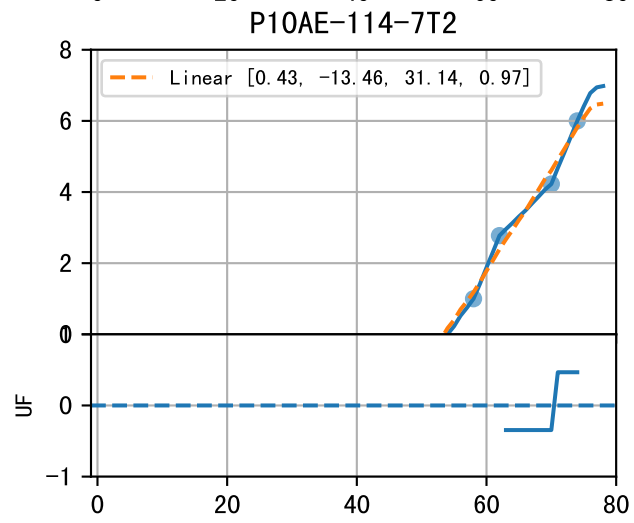
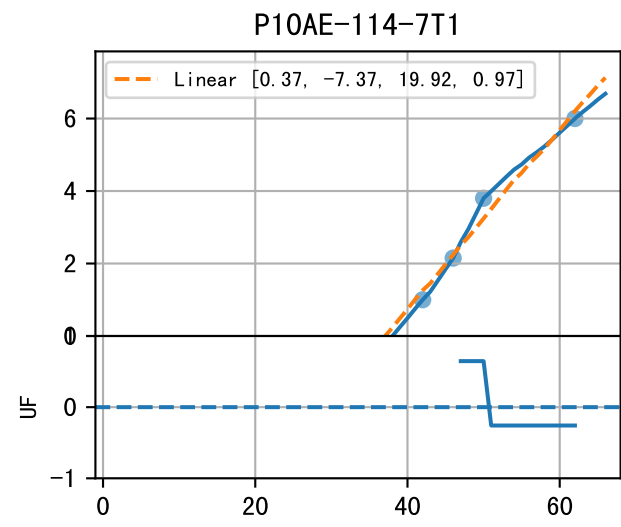
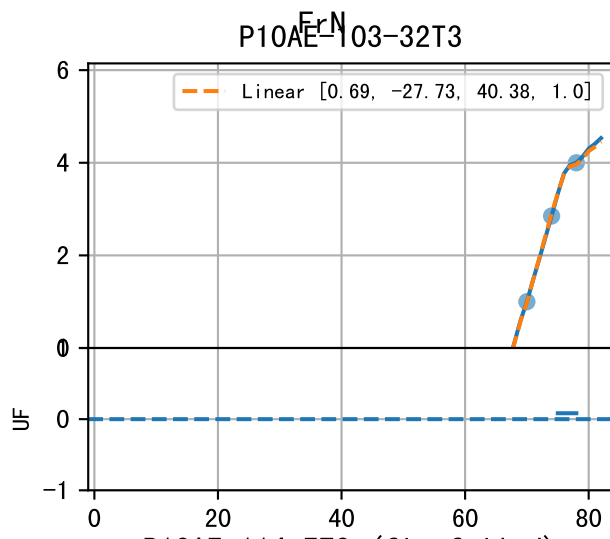
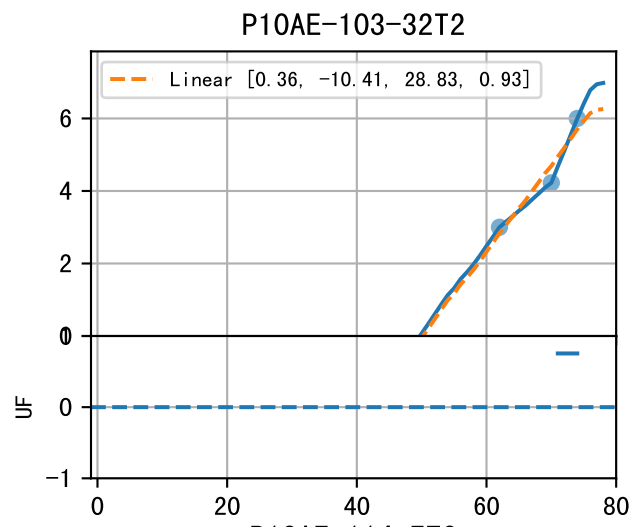
By Start Date



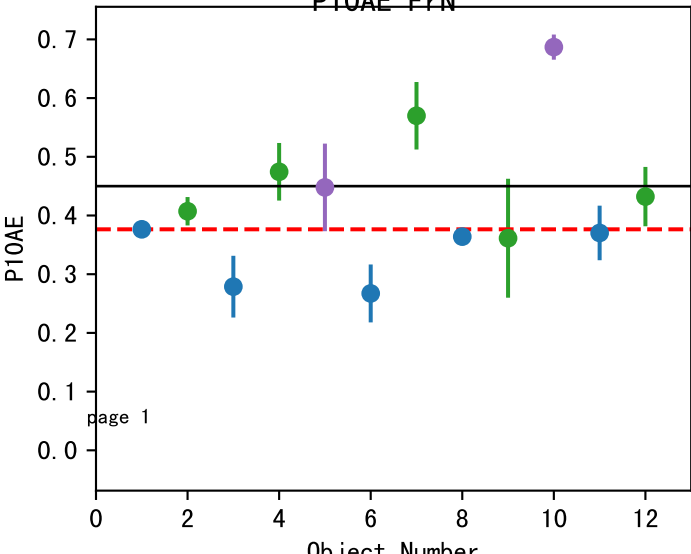
By Plant/Organ Age



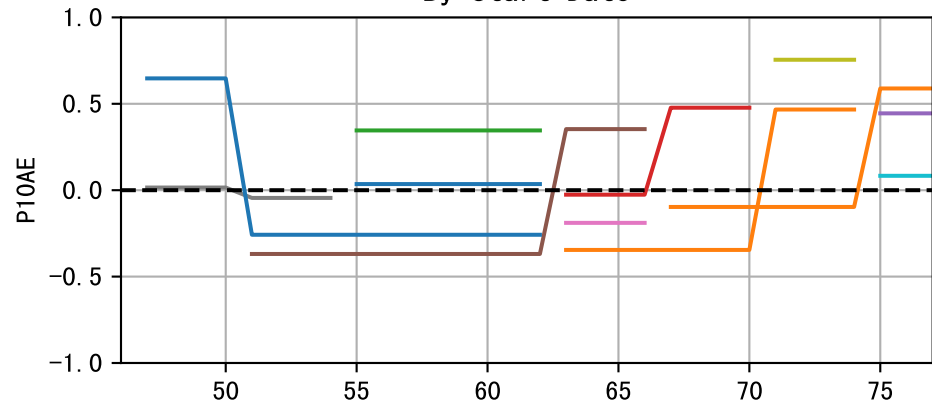




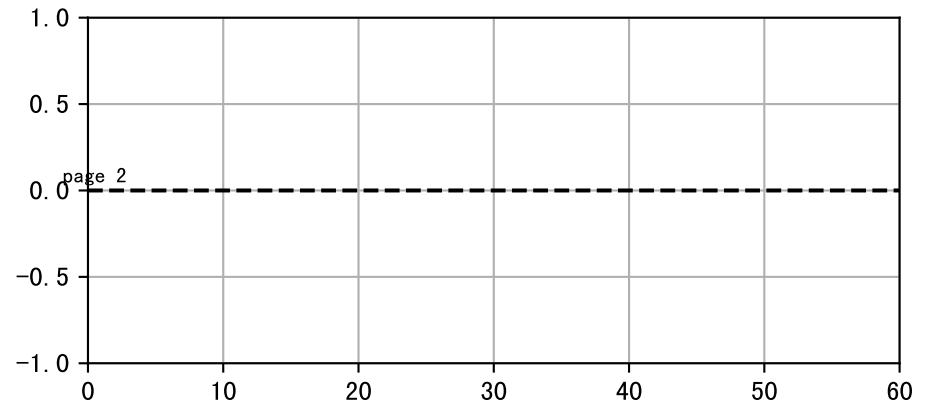
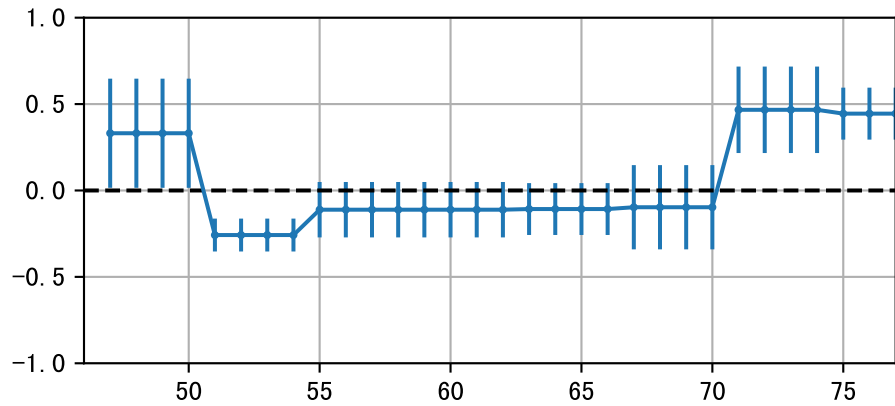
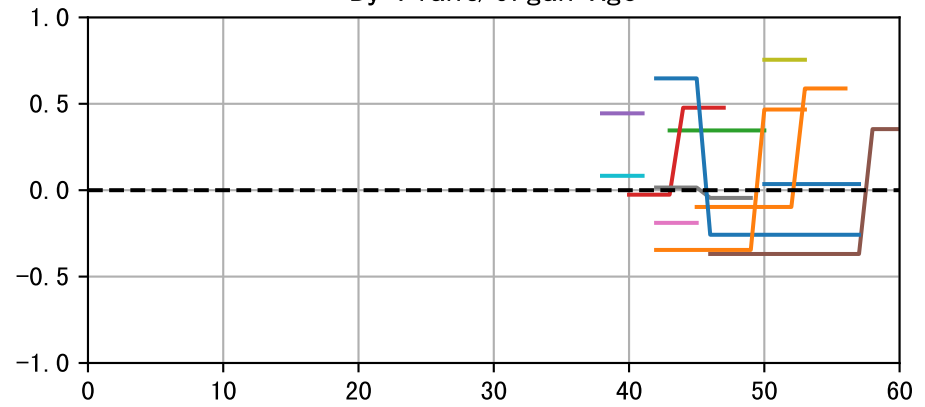
avg1=0.38 23% avg2=na
P10AE FrN



By Start Date

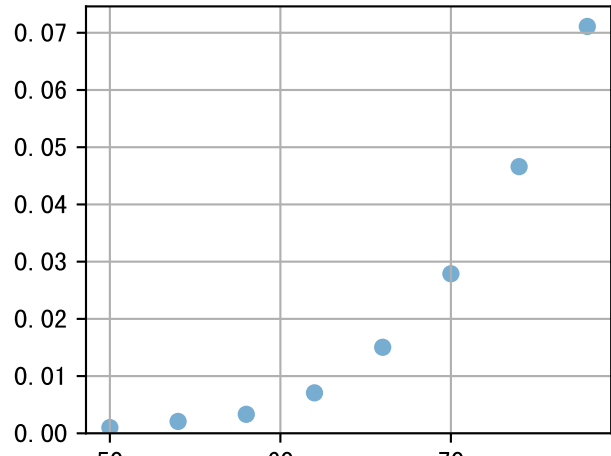


By Plant/Organ Age

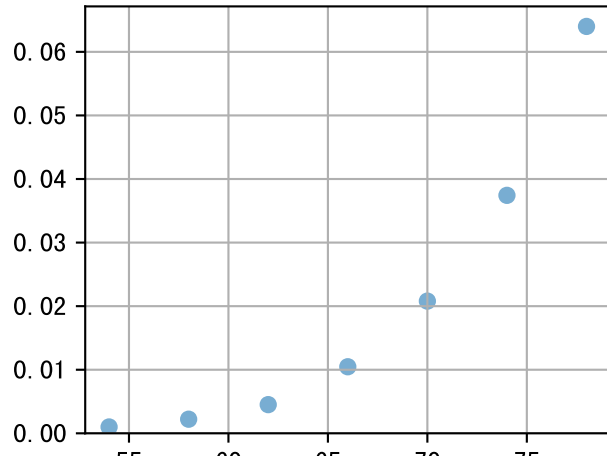


FrV

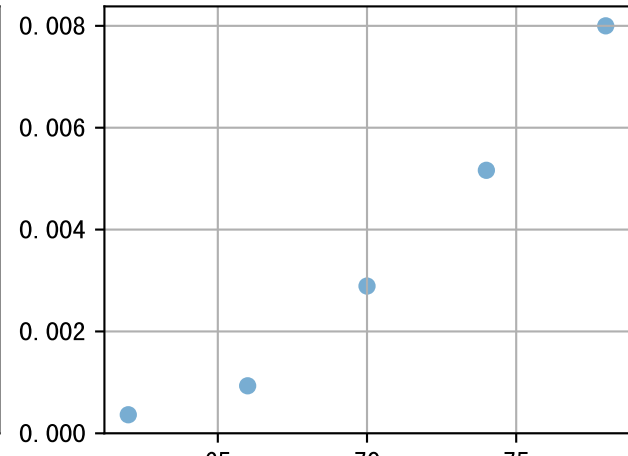
P10AE-081-12T1Fr1 (fit failed)



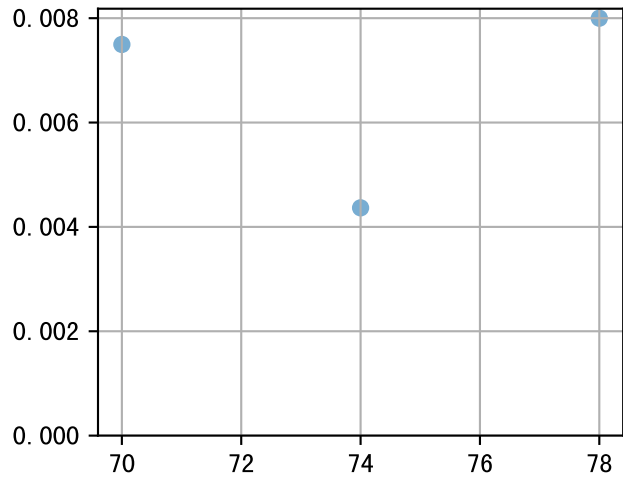
P10AE-081-12T1Fr5 (fit failed)



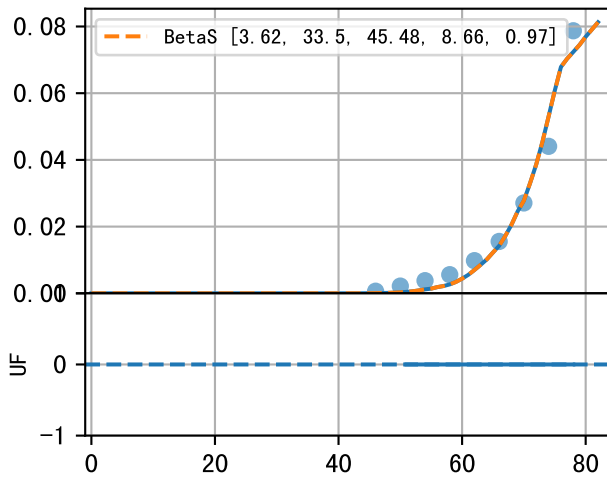
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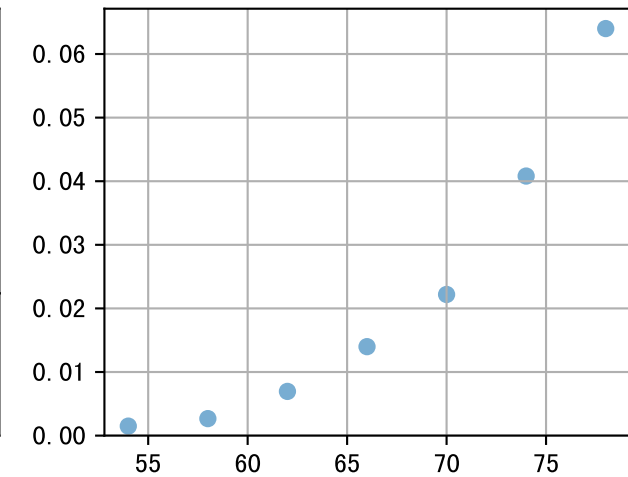
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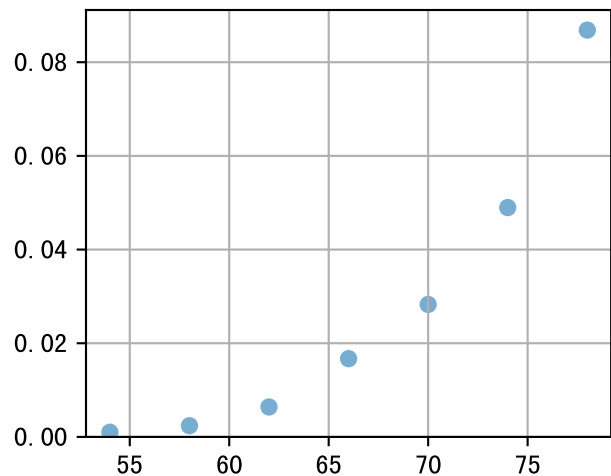
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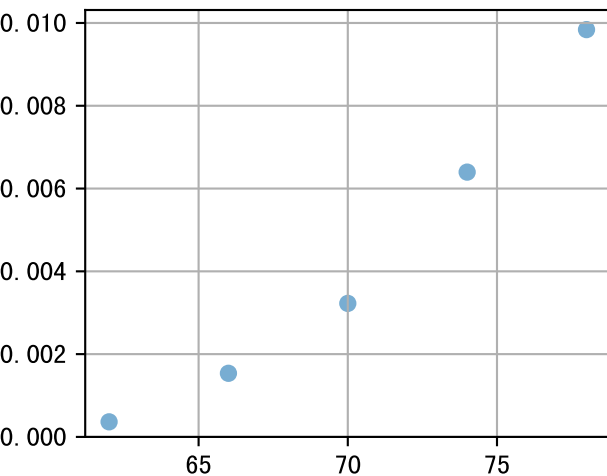
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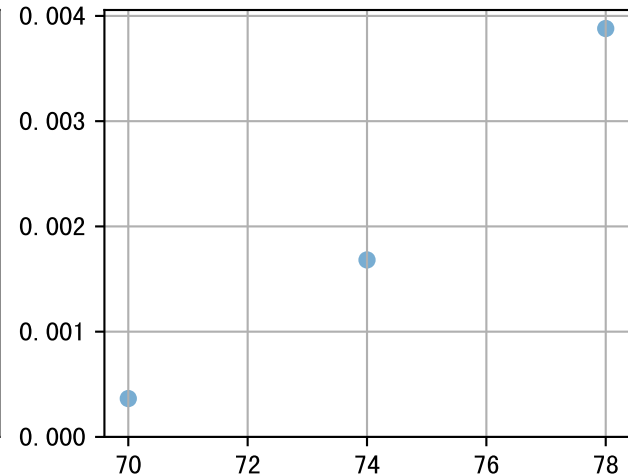
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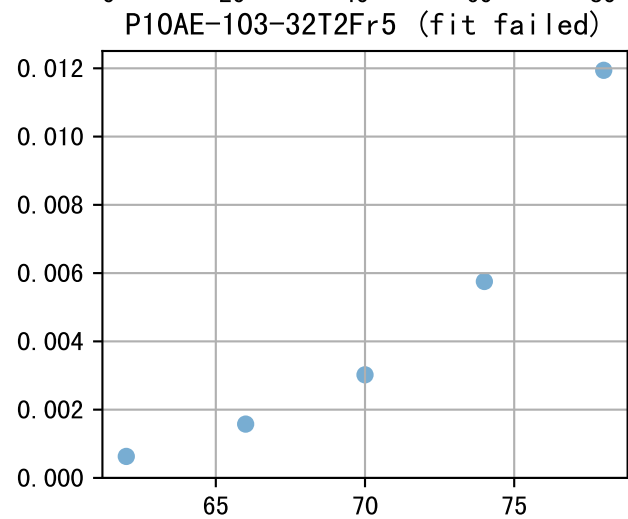
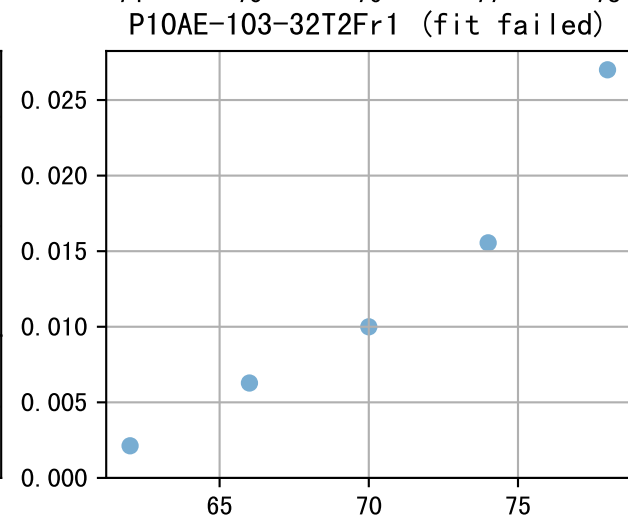
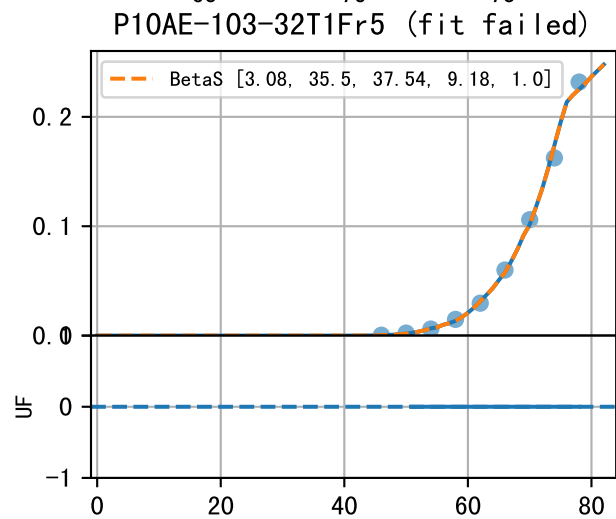
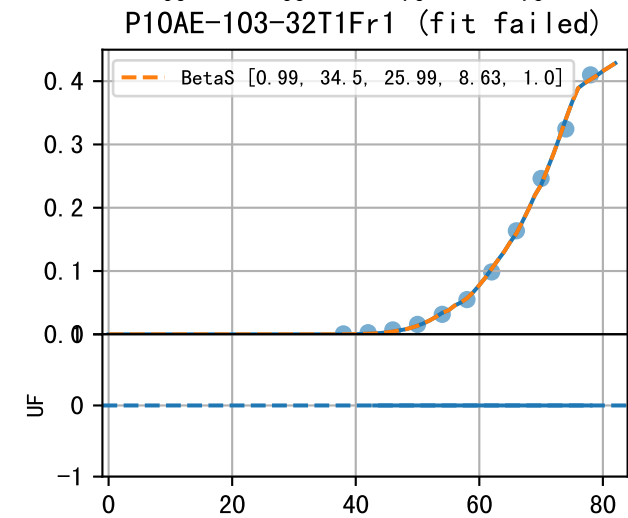
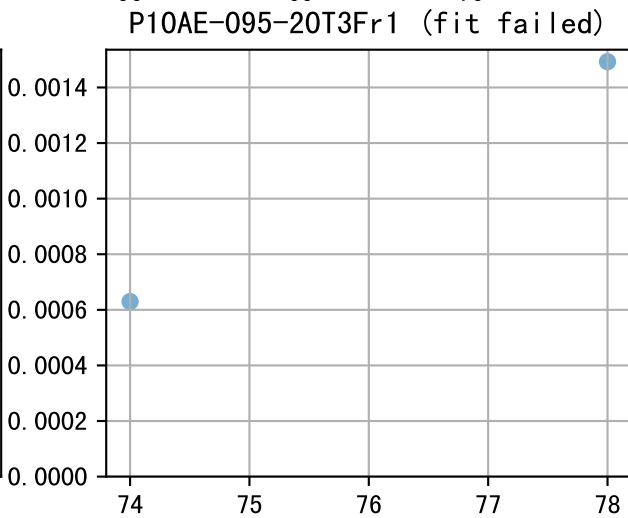
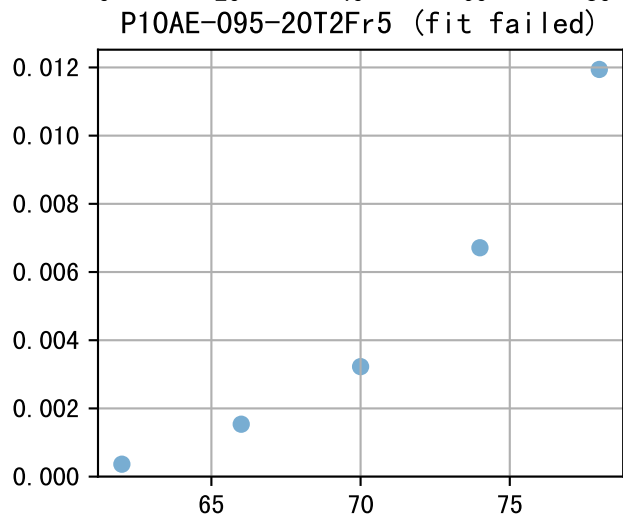
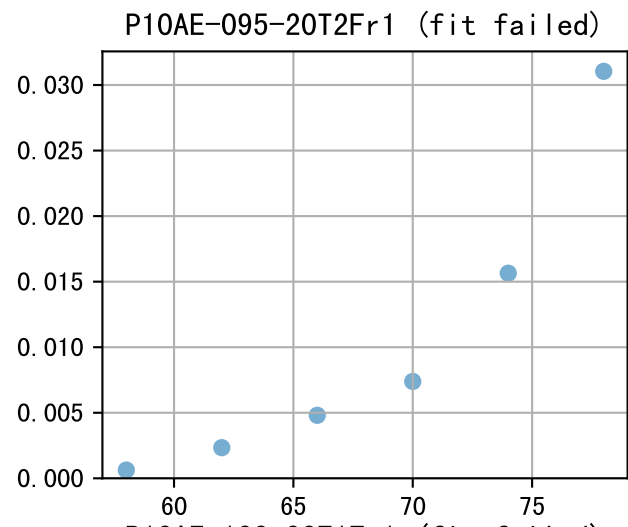
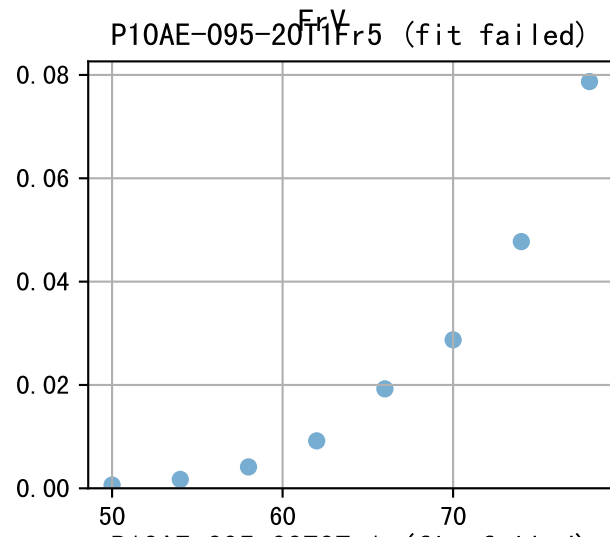
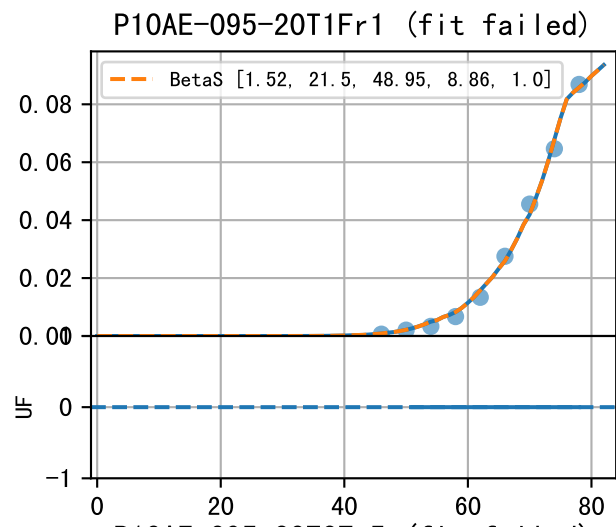


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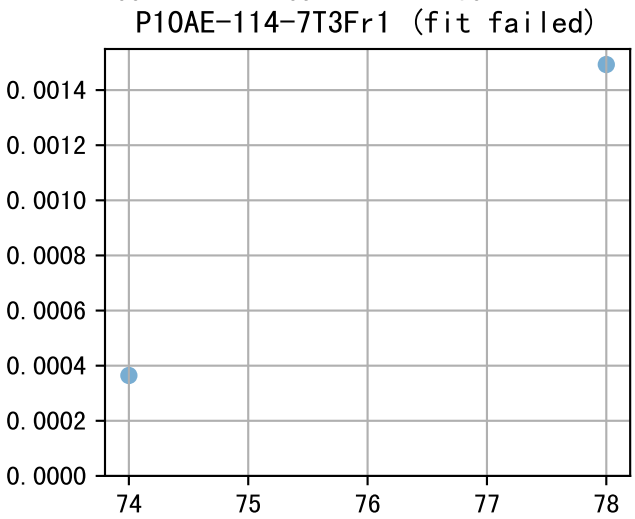
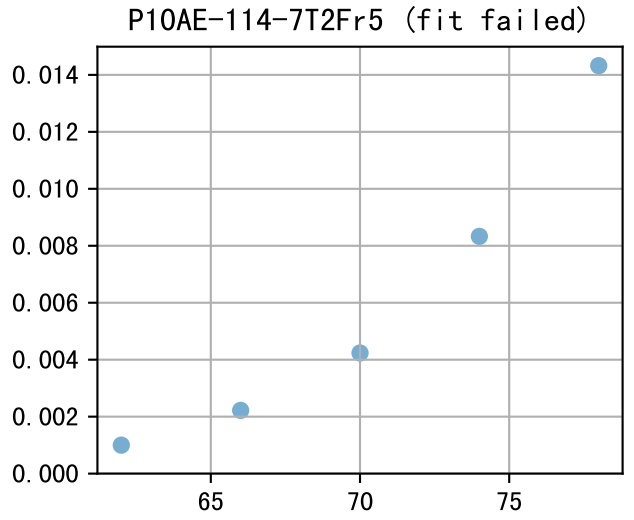
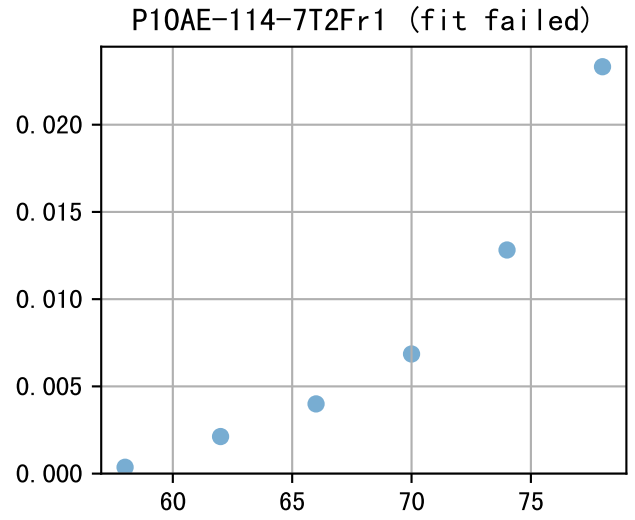
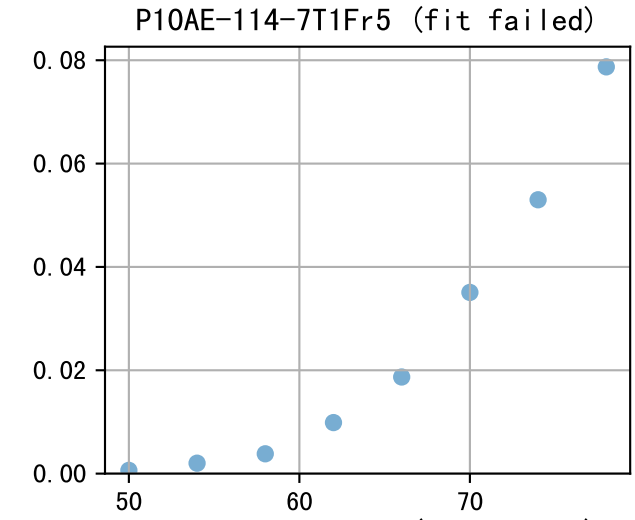
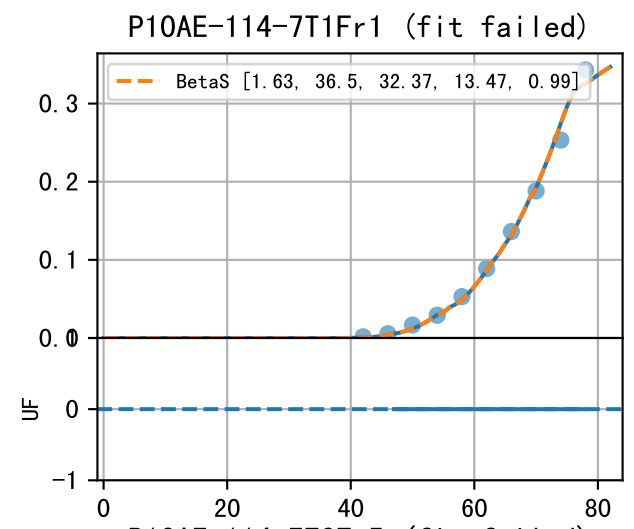
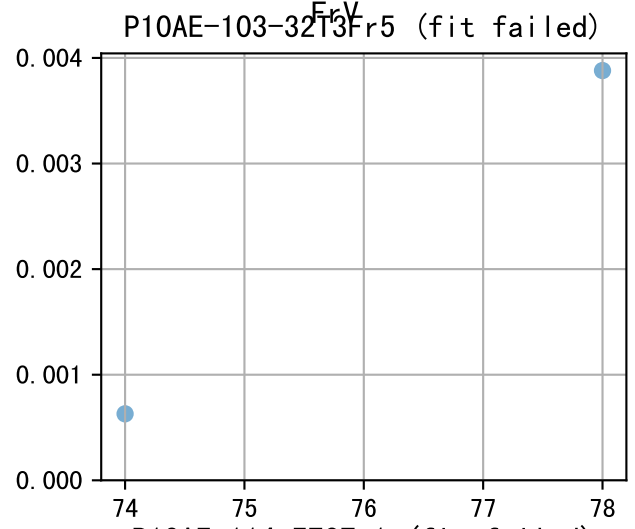
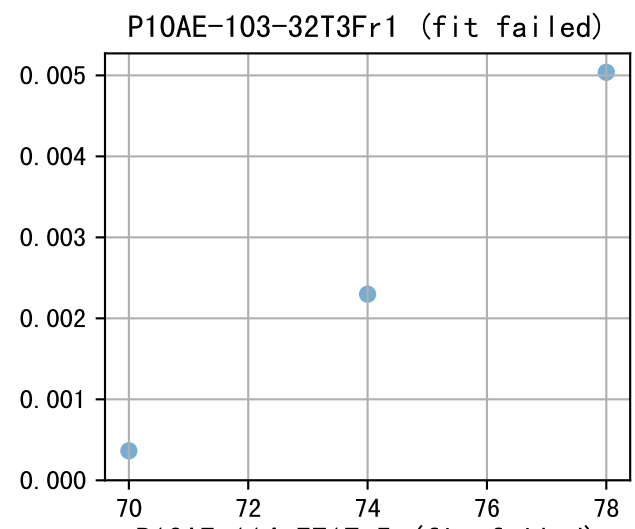


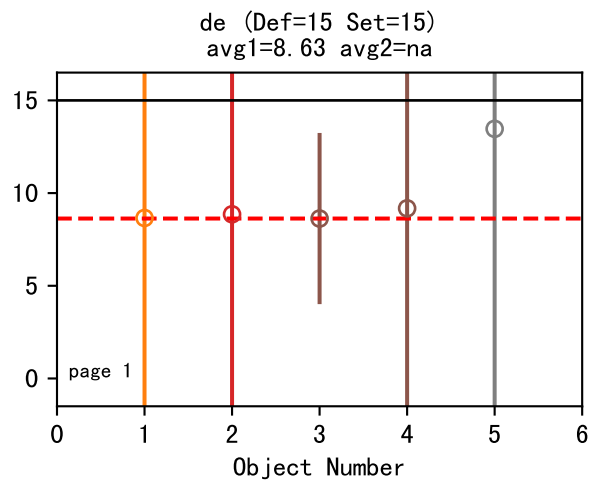
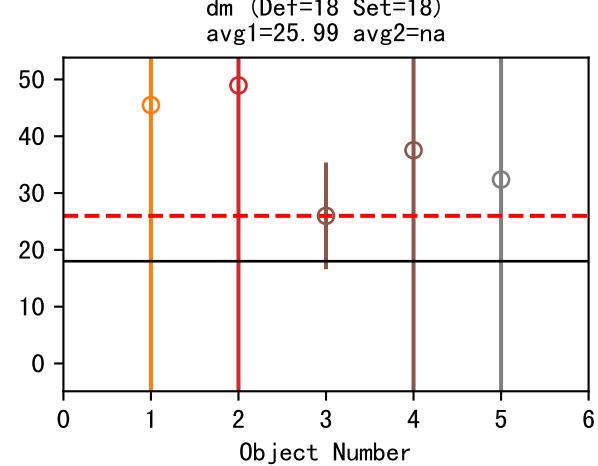
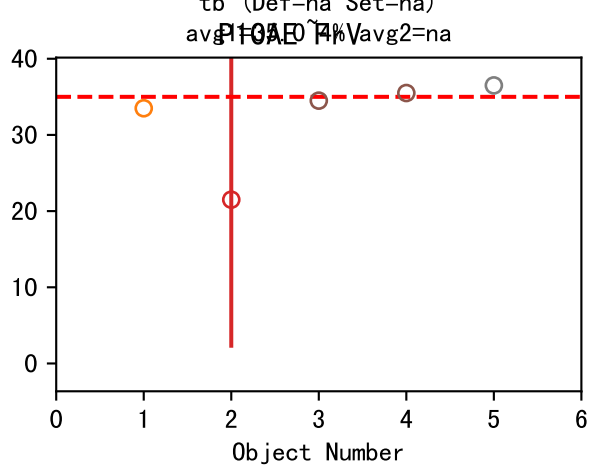
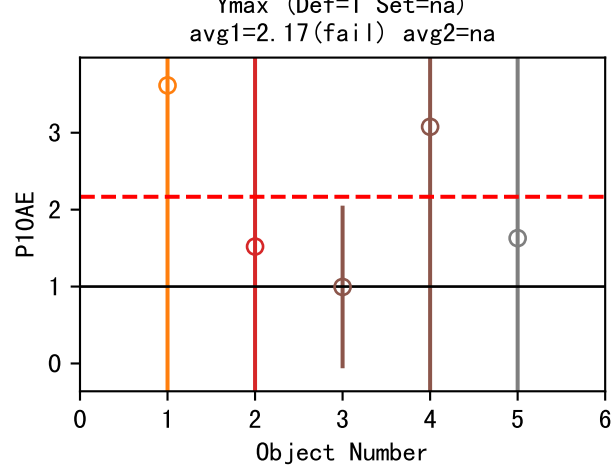
P10AE-087-27T3Fr1 (fit failed)



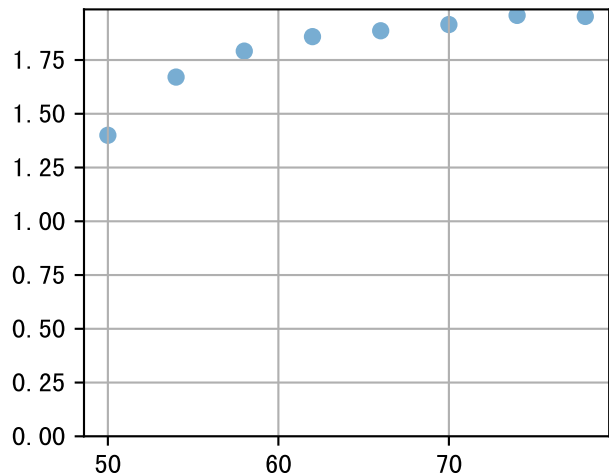


$F_{\pi V}$

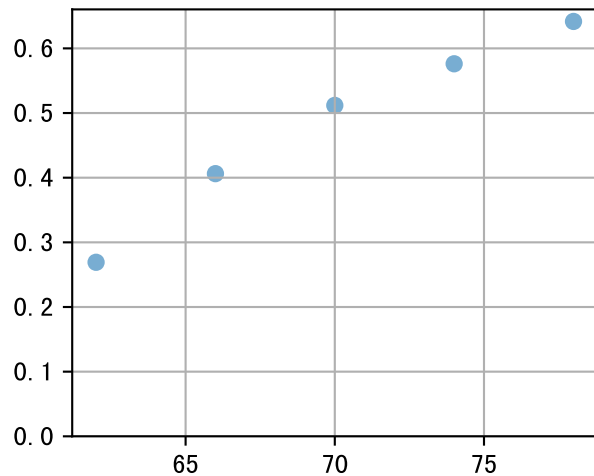




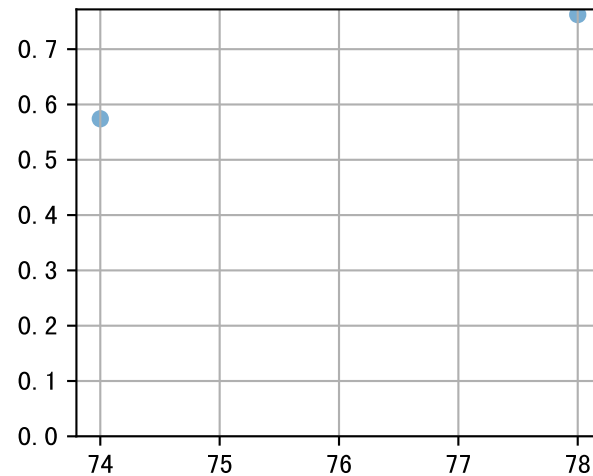
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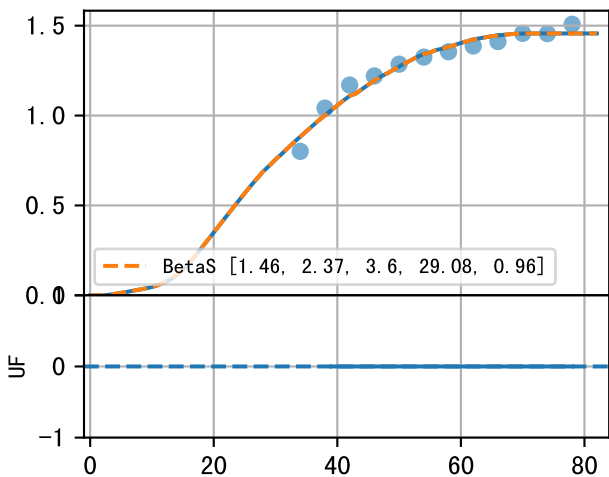
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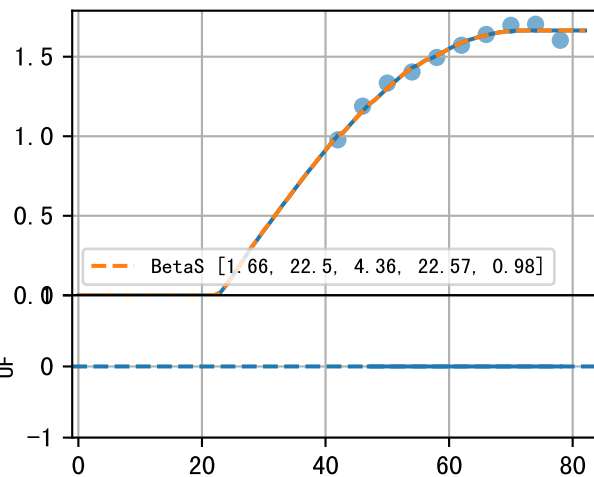
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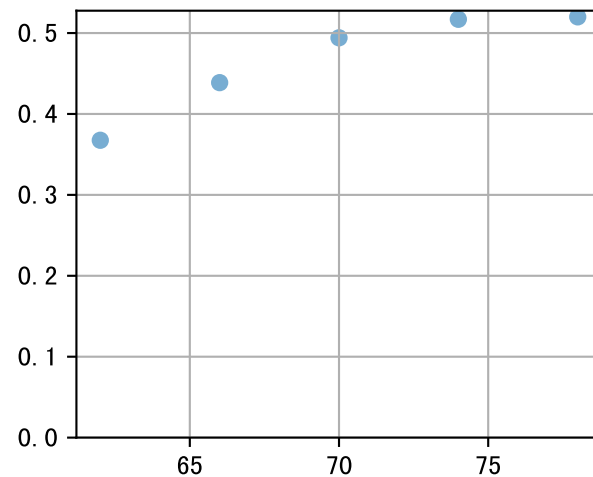
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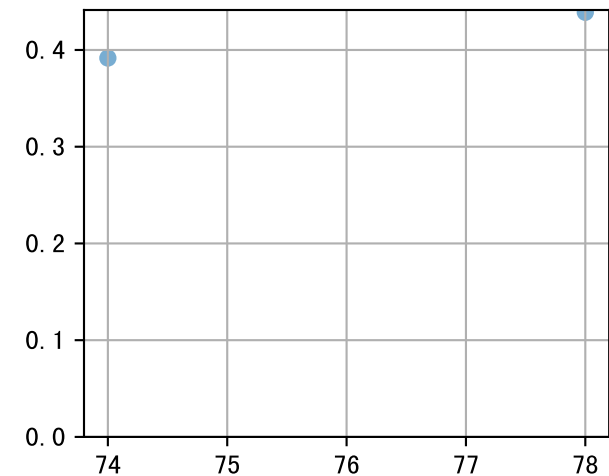
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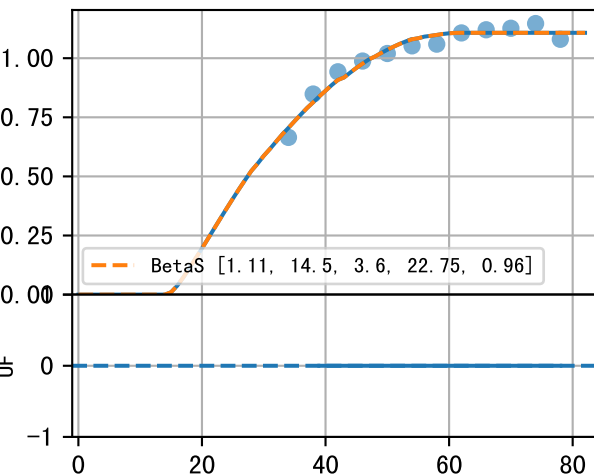
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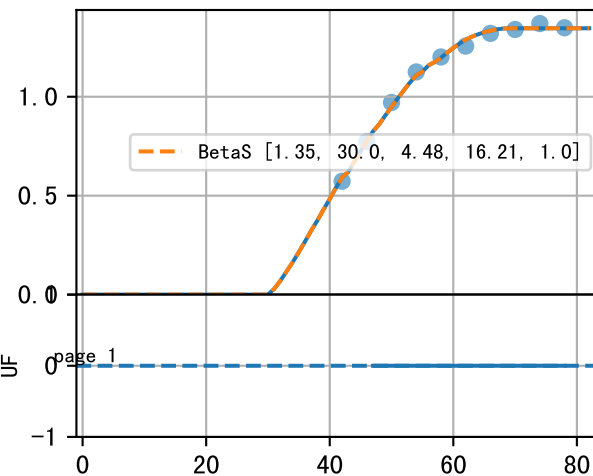
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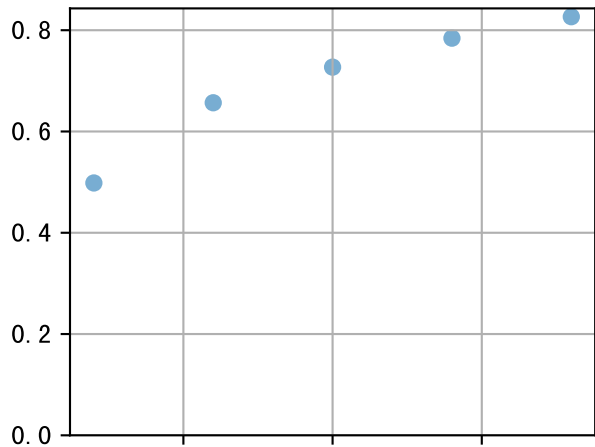
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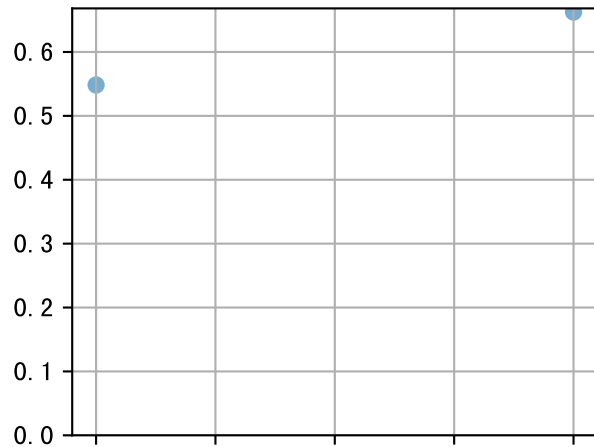
P10AE-095-20L10 (fit failed)



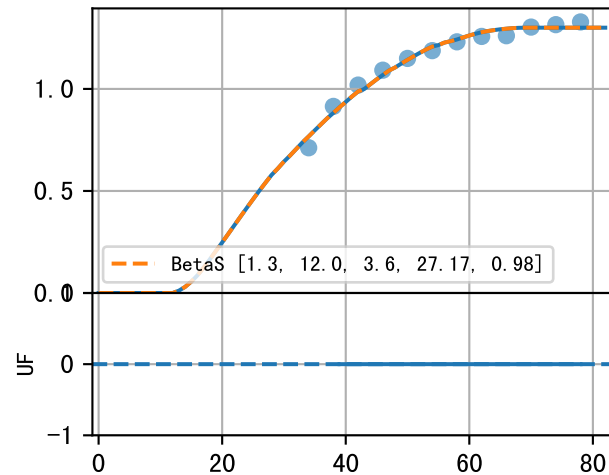
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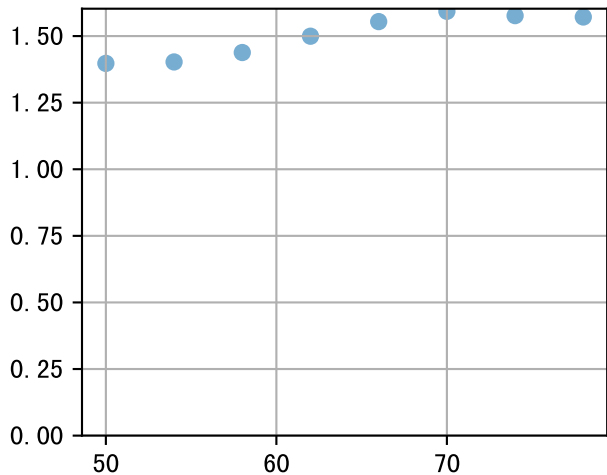
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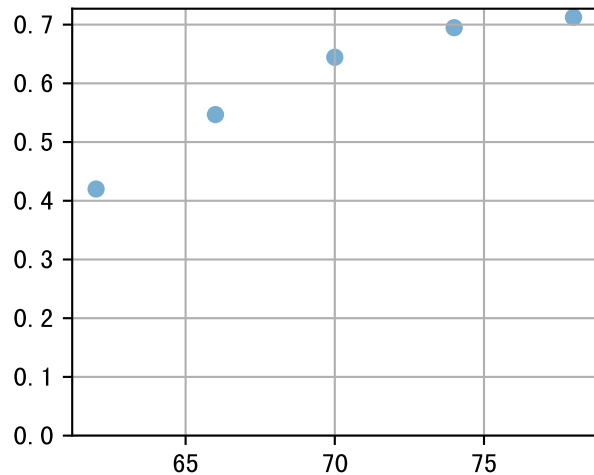
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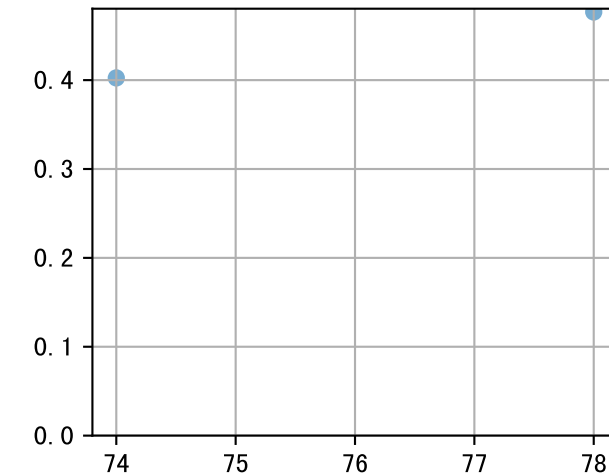
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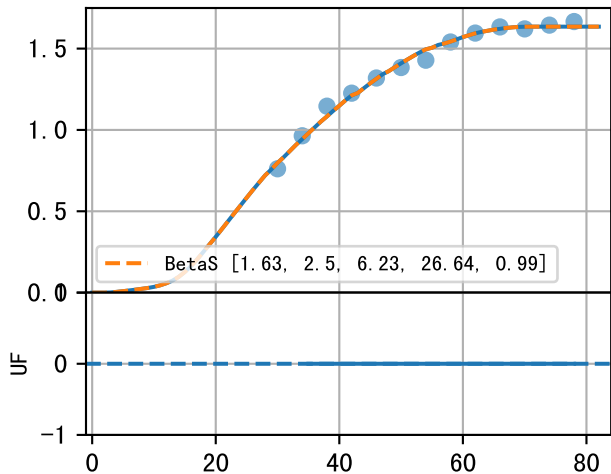
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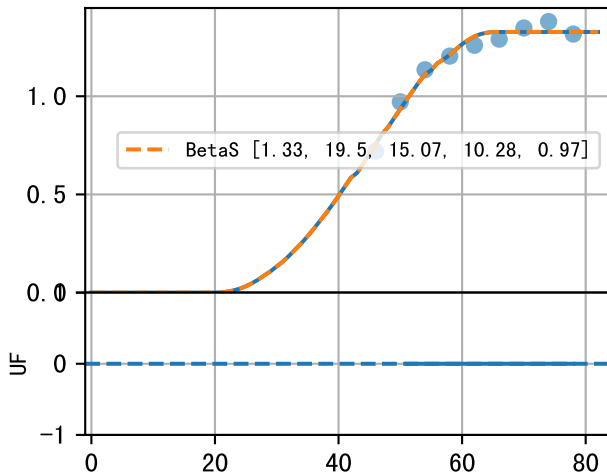
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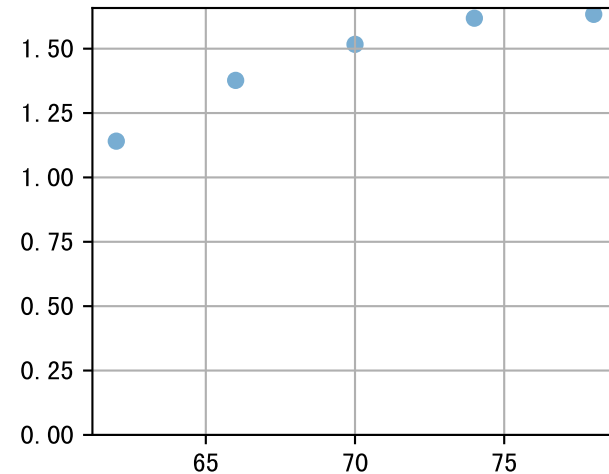
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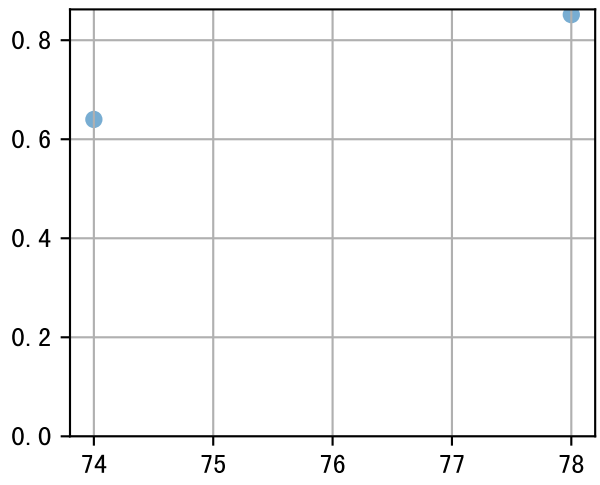
P10AE-114-7L10



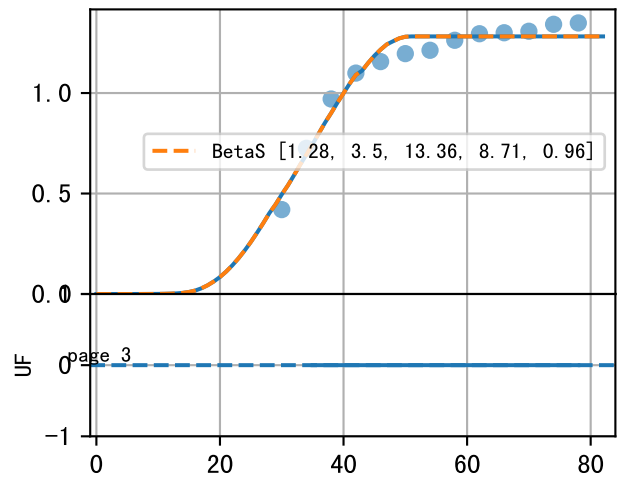
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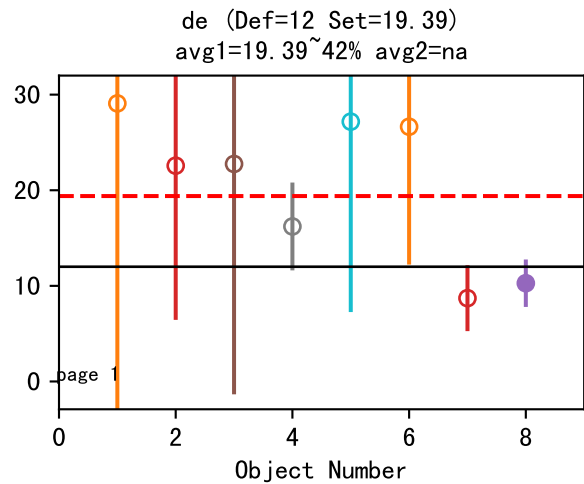
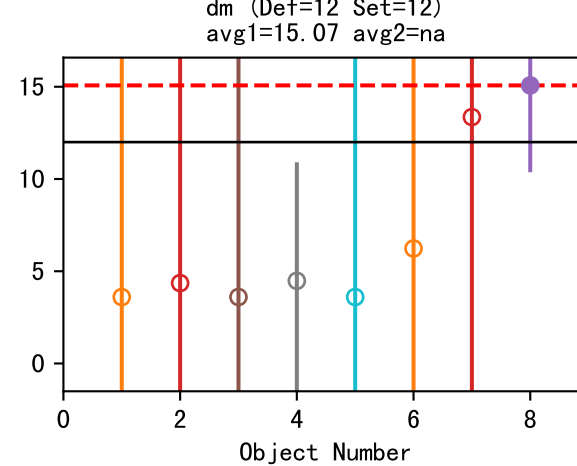
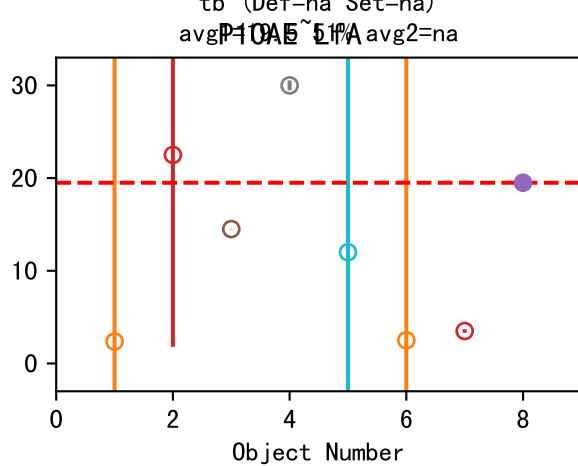
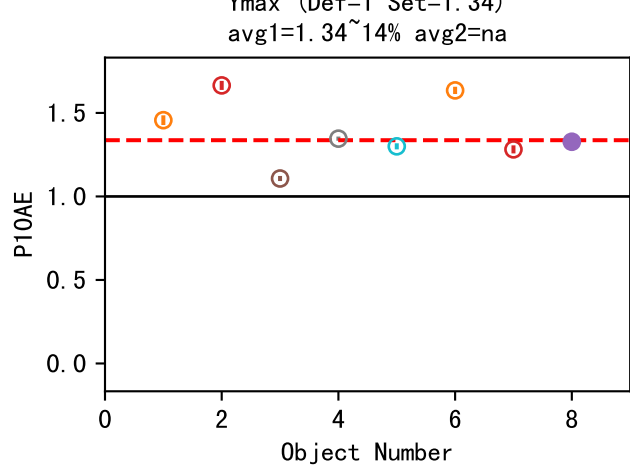


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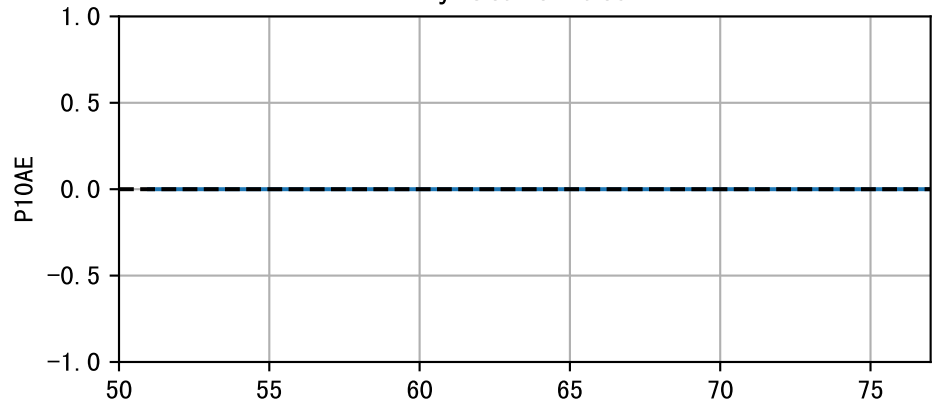


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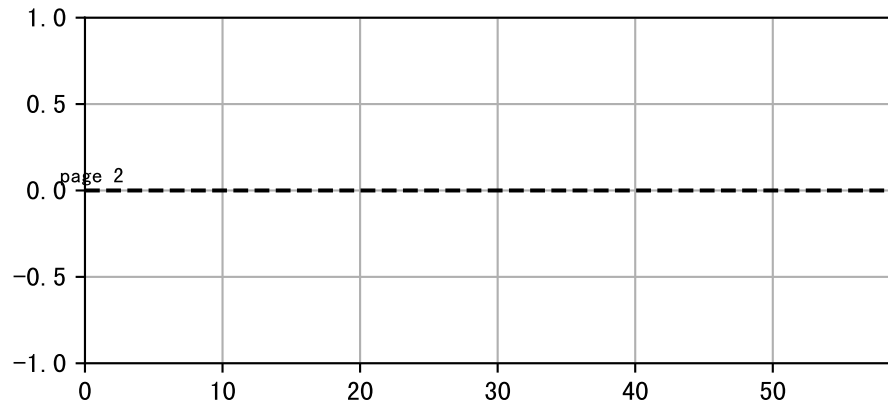
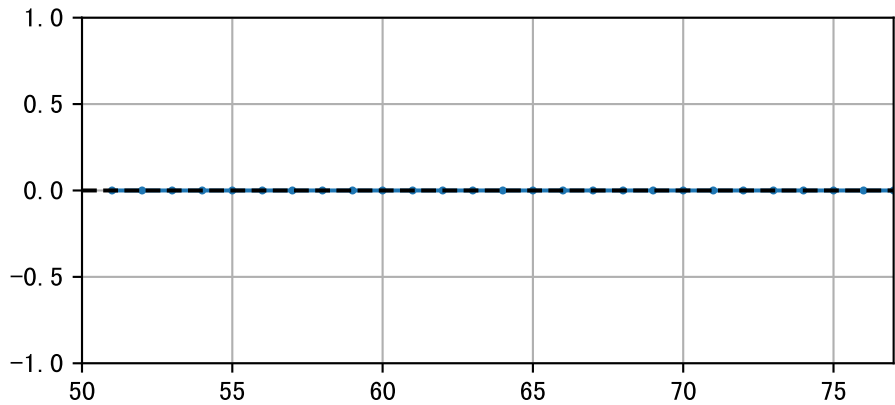
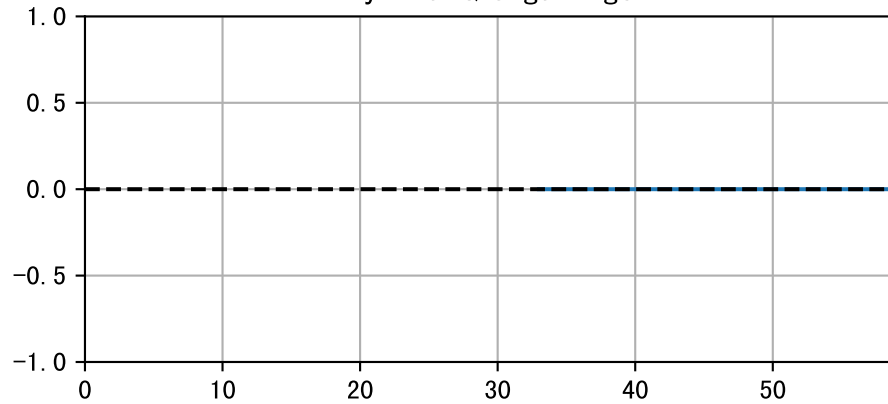


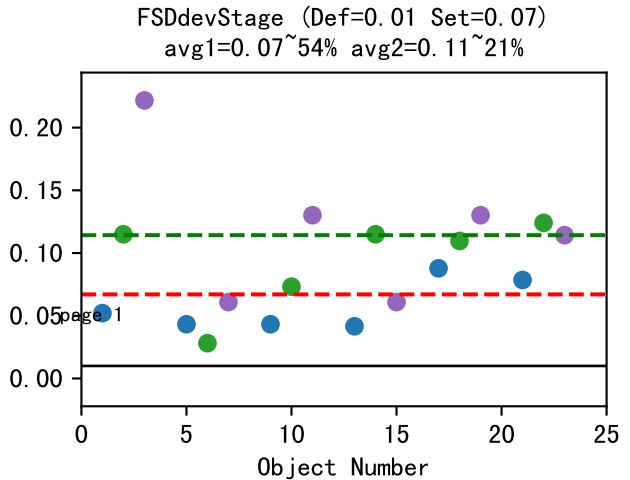
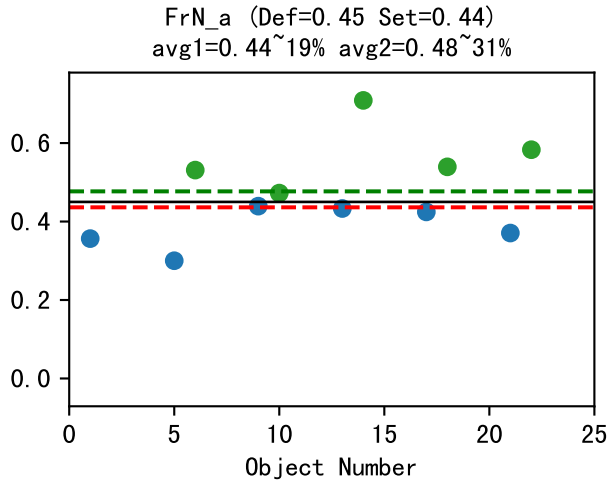
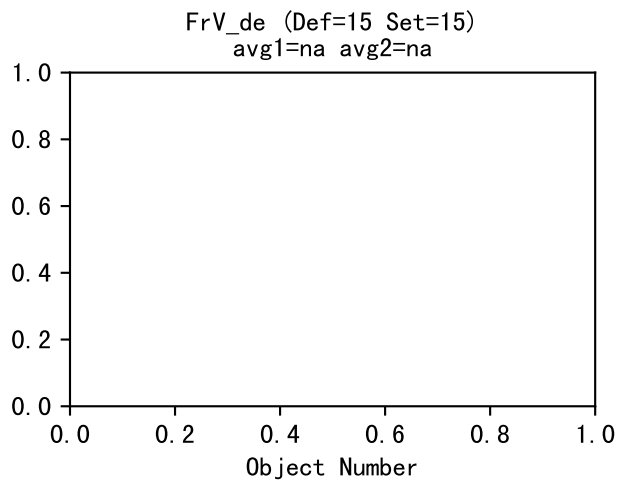
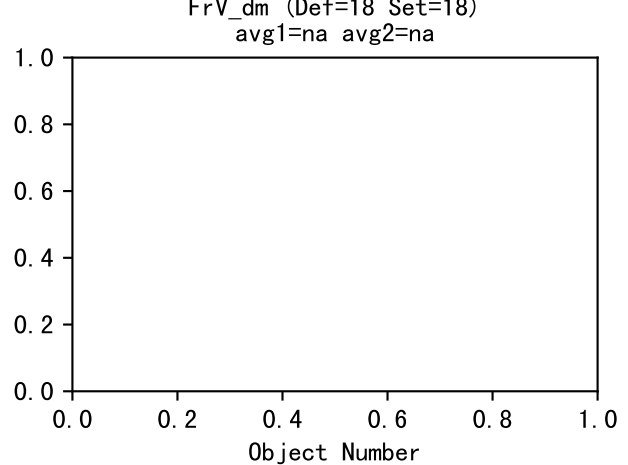
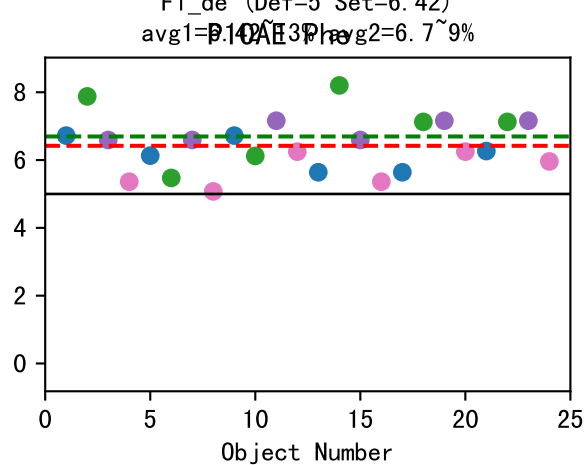
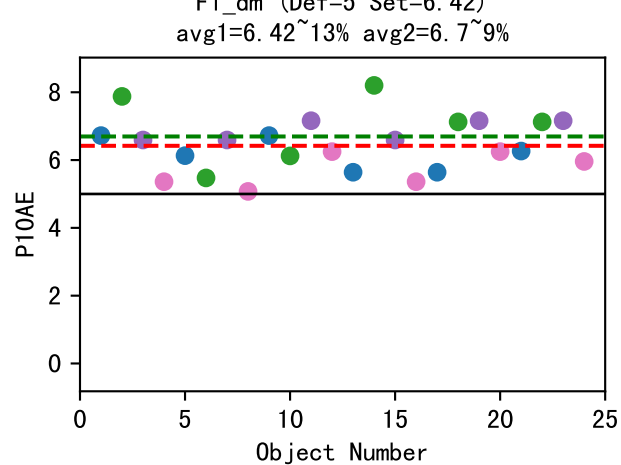


By Start Date

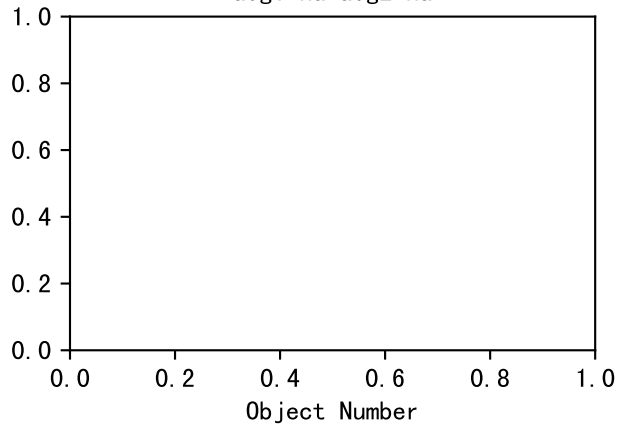


By Plant/Organ Age

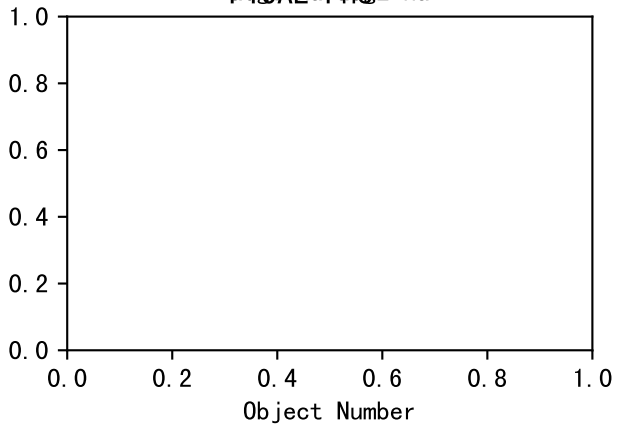




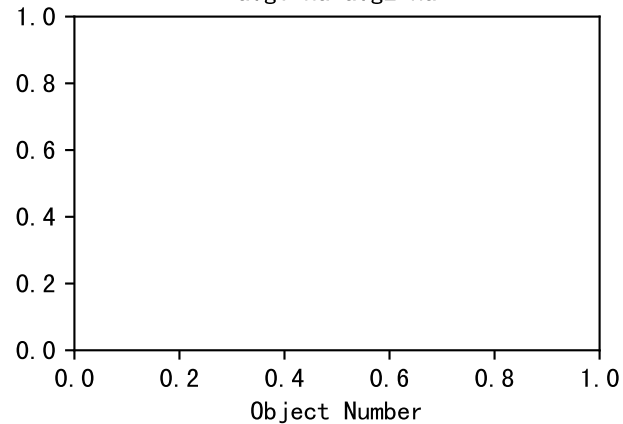
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



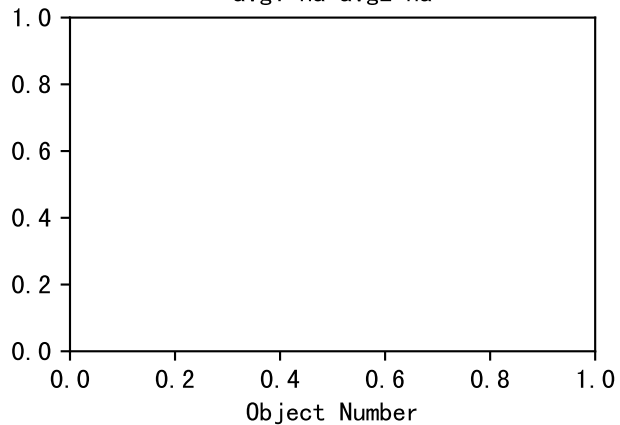
FMBDdevStage (Def=1.3 Set=1.3)
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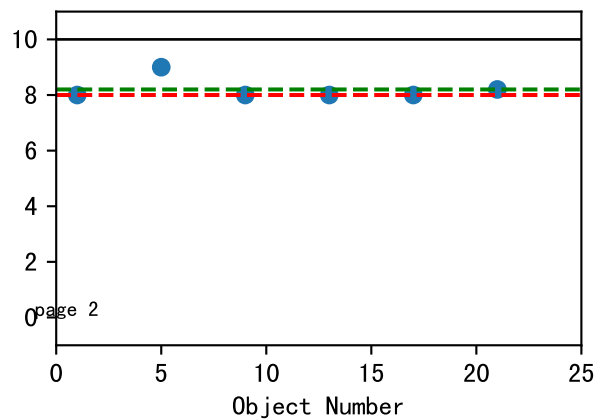
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

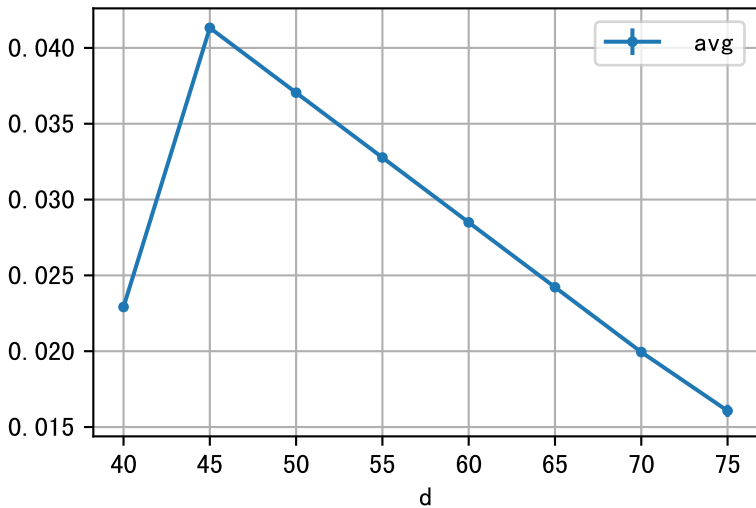


NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=8.2

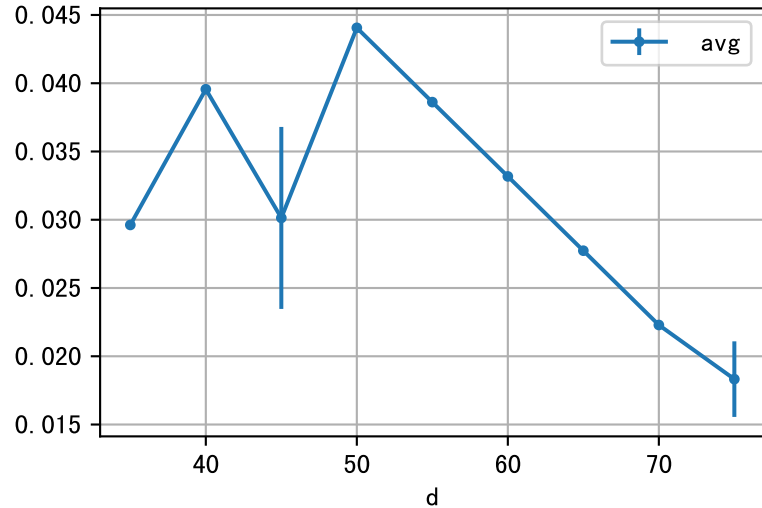


LfA: avg vs. d at each age group

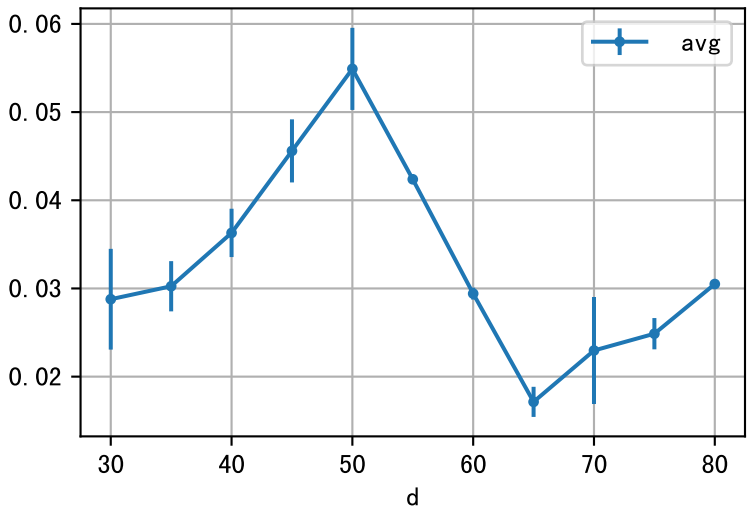
age=20



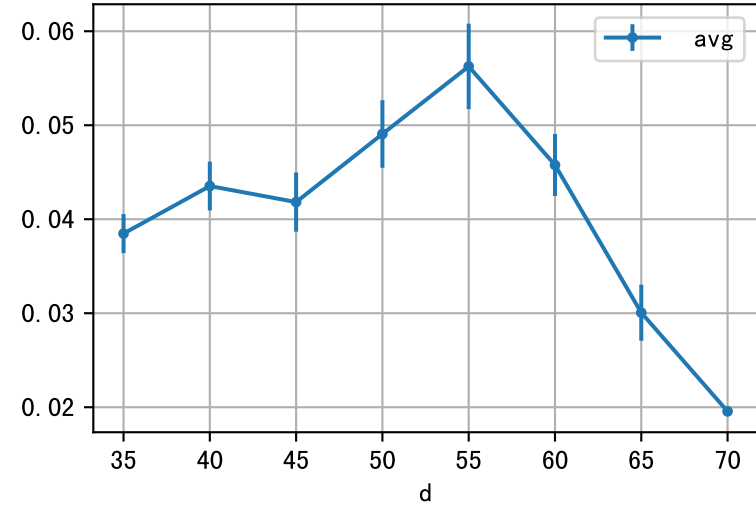
age=25



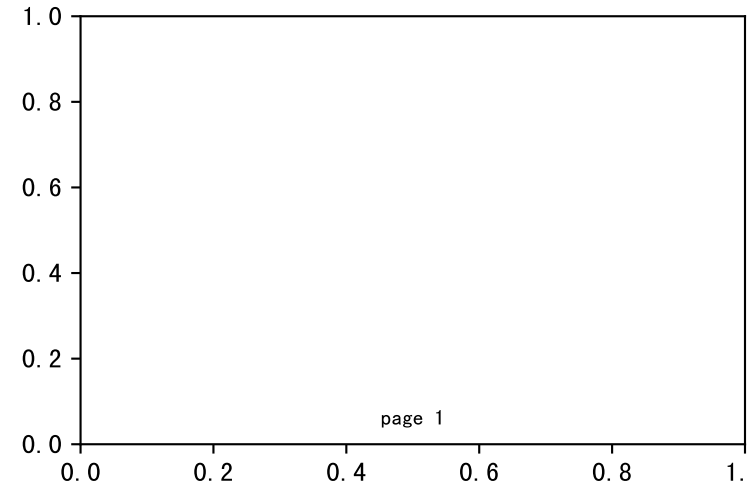
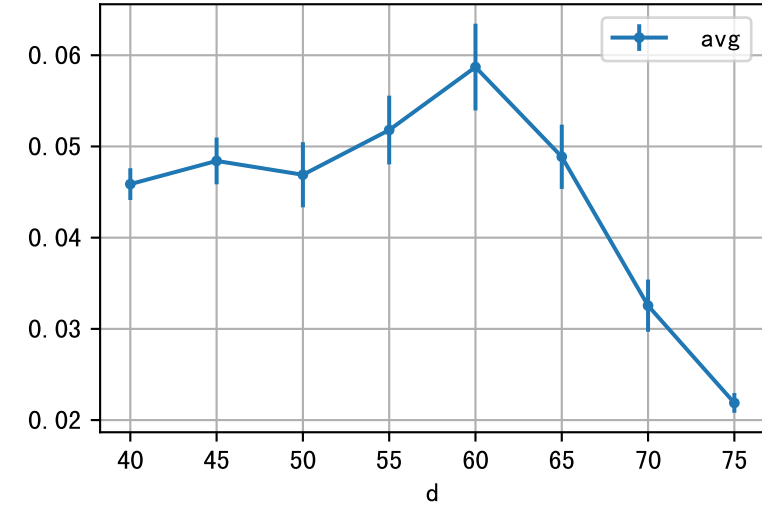
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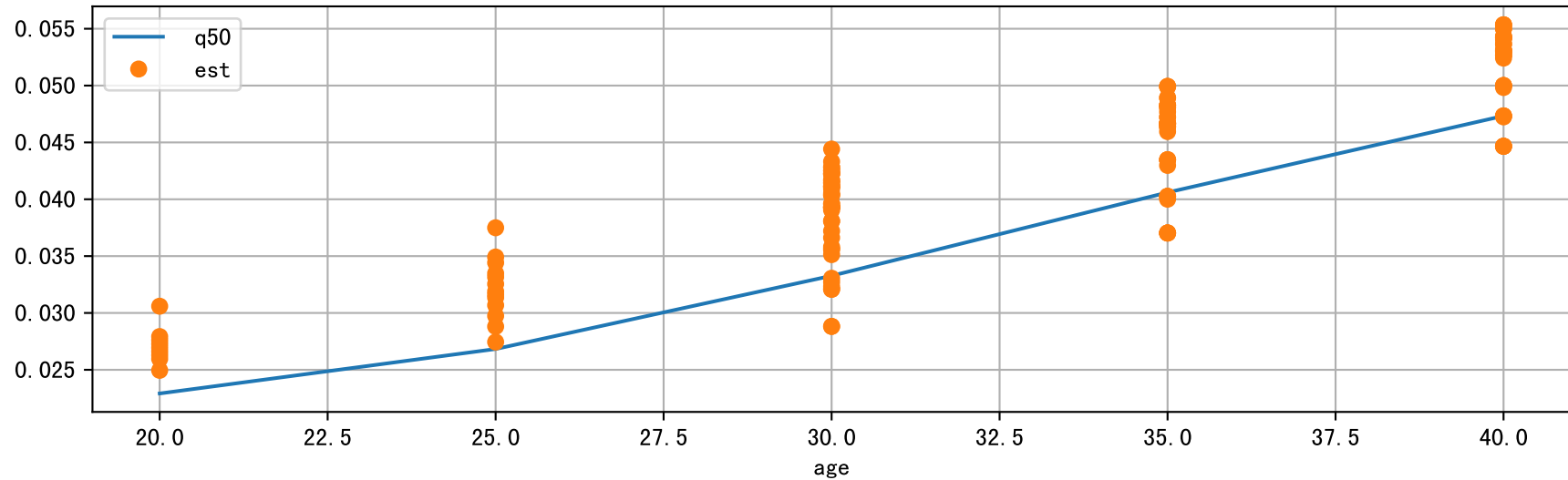
age=35



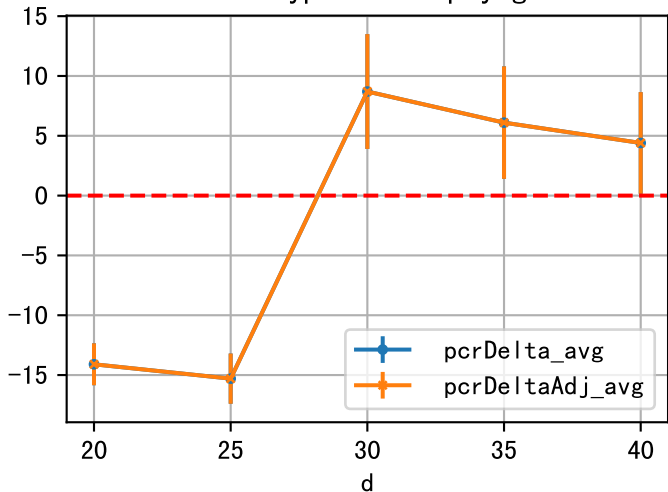
age=40



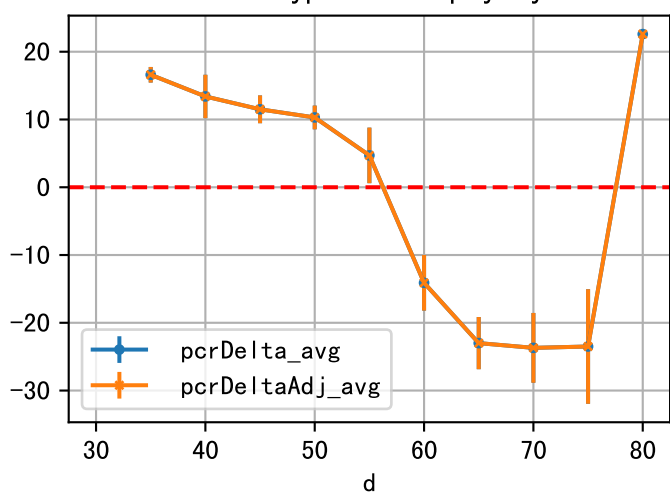
LfA: model est vs obs0v@Q50



DeltaTypeAbbr=GrpByAge

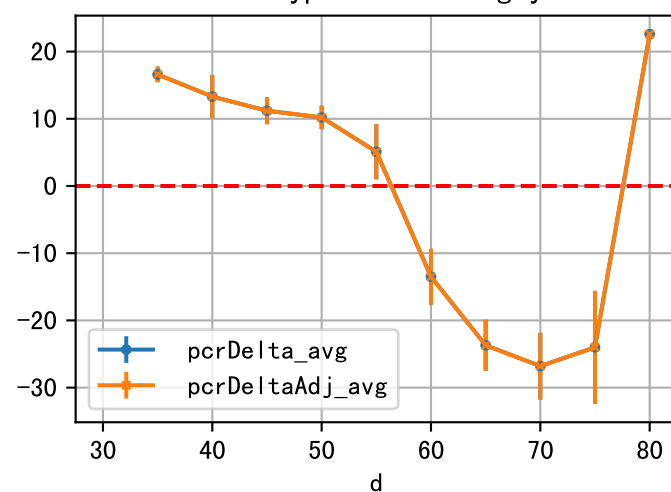


DeltaTypeAbbr=GrpByDay

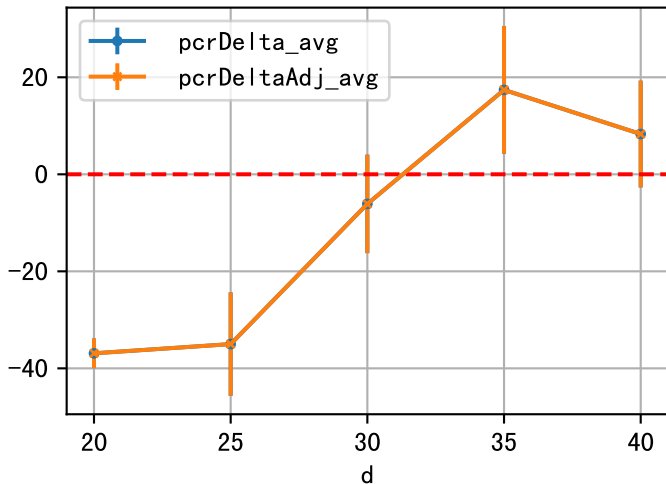


page 3

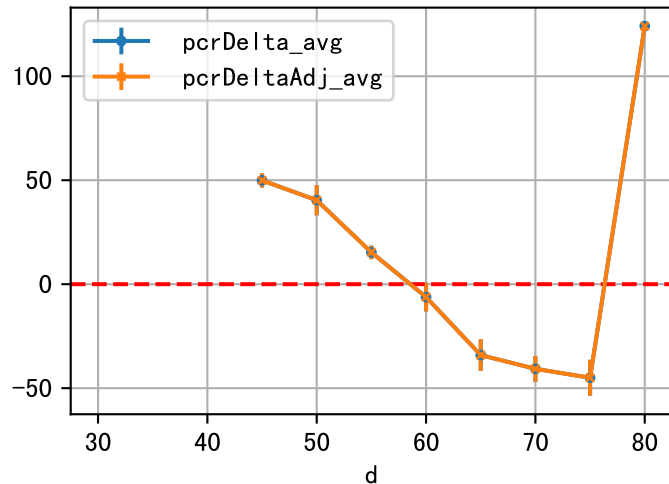
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

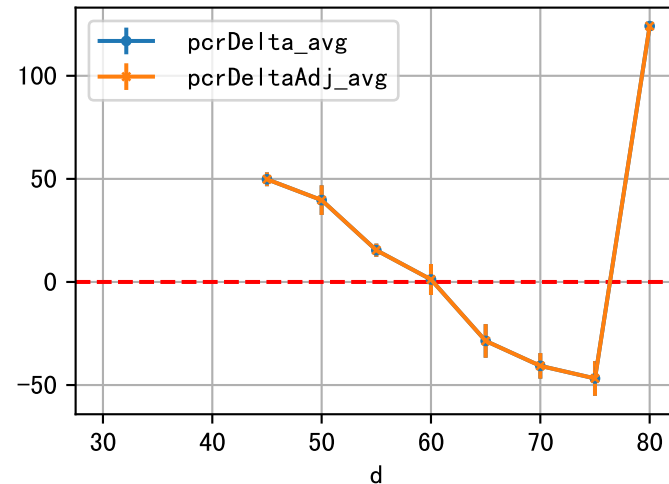


DeltaTypeAbbr=GrpByDay

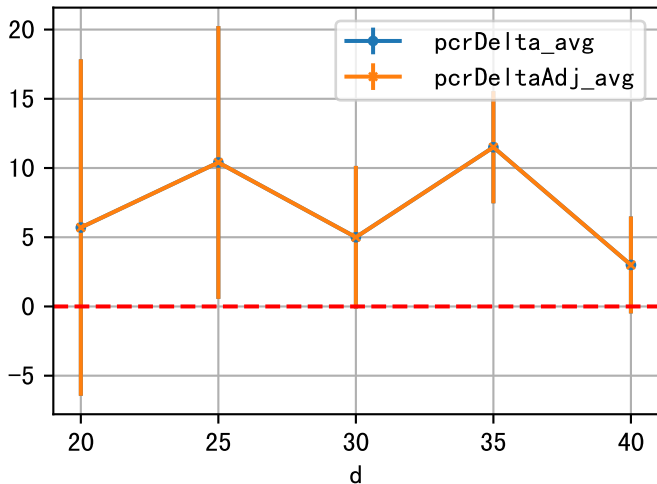


page 4

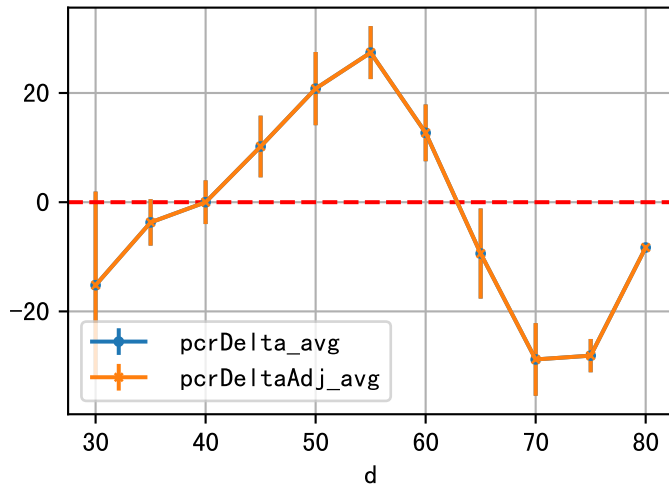
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

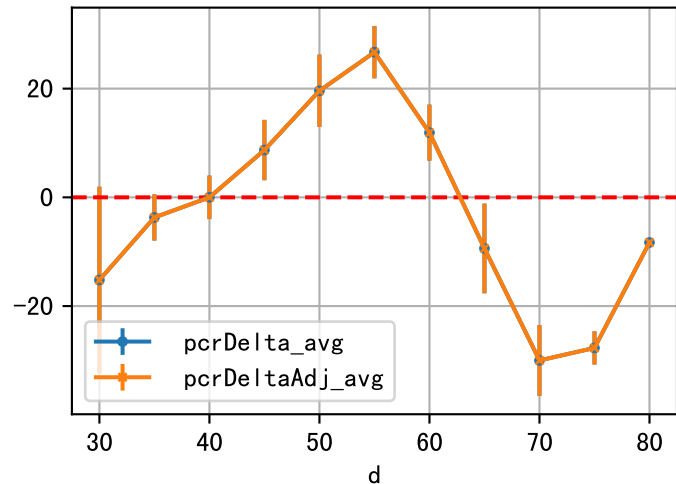


DeltaTypeAbbr=GrpByDay



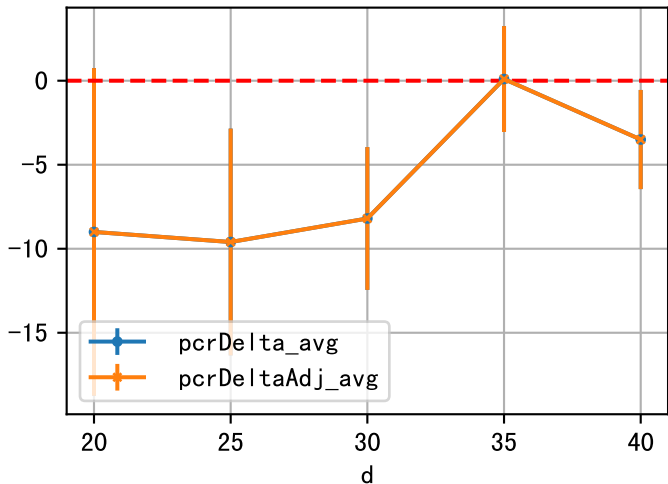
page 5

DeltaTypeAbbr=Wei AvgByD

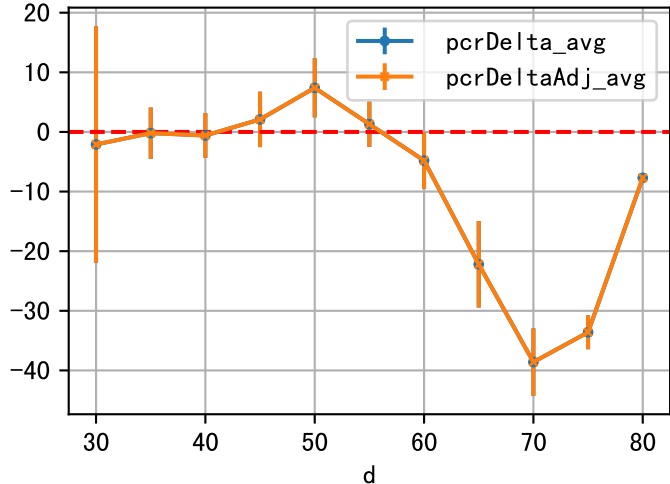


P10AE LfA: D_Est_LfA

DeltaTypeAbbr=GrpByAge

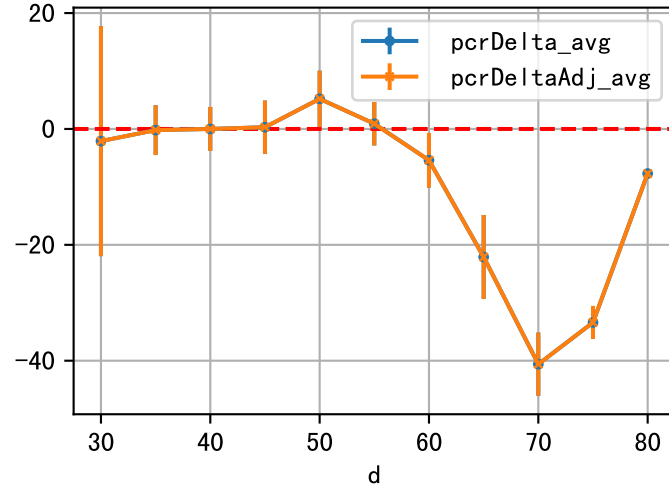


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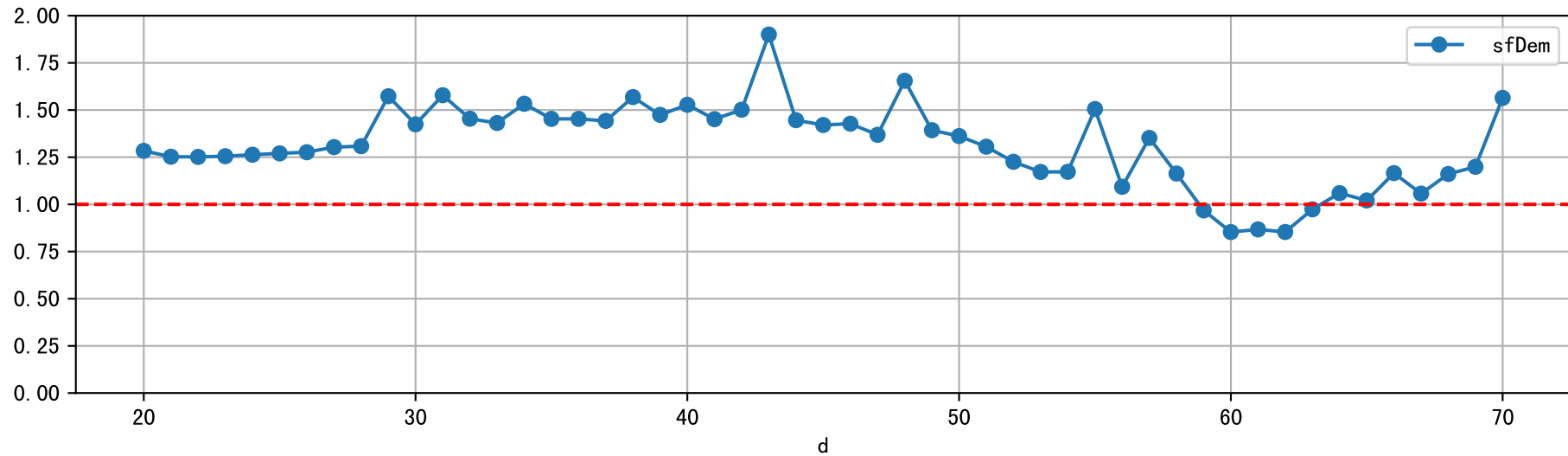


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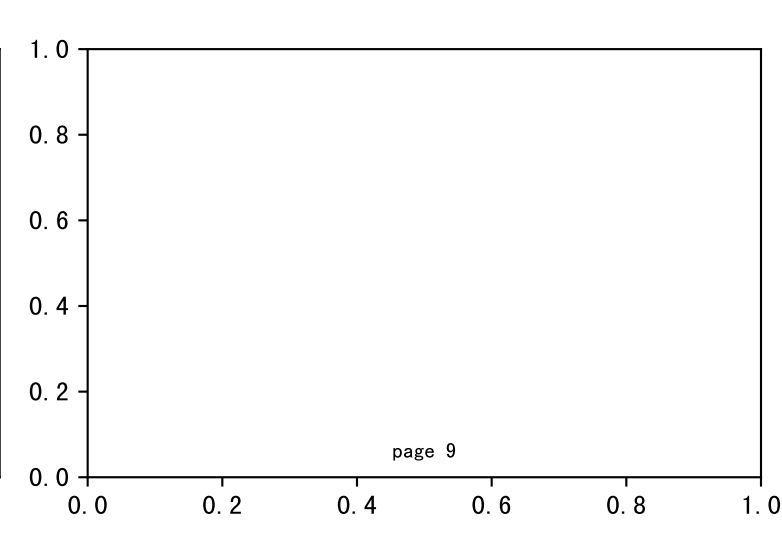
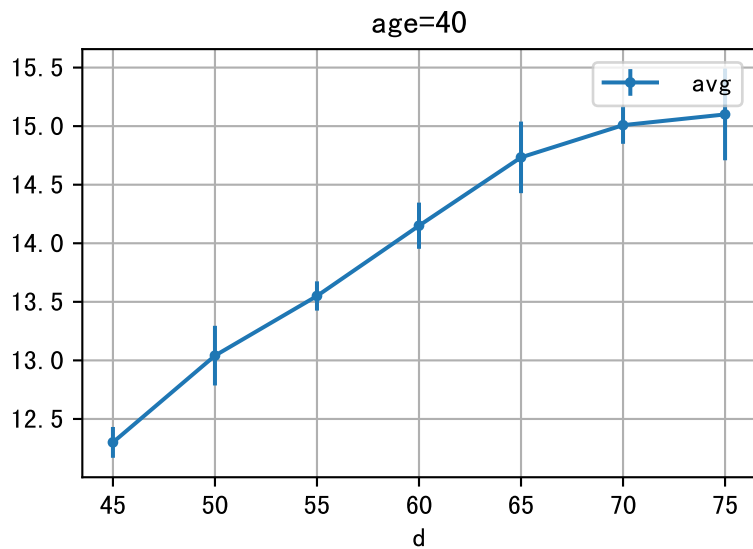
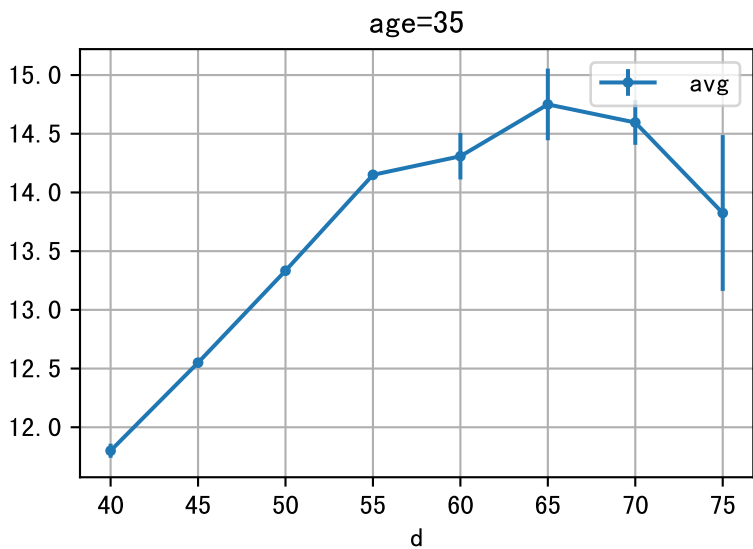
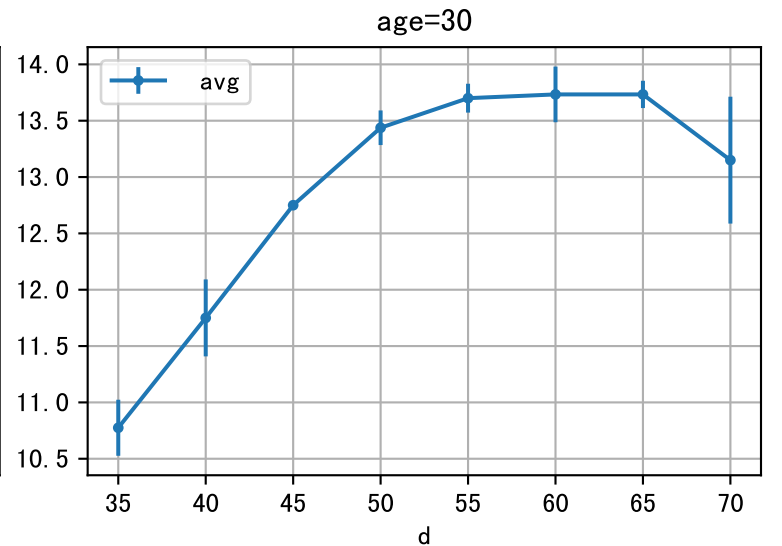
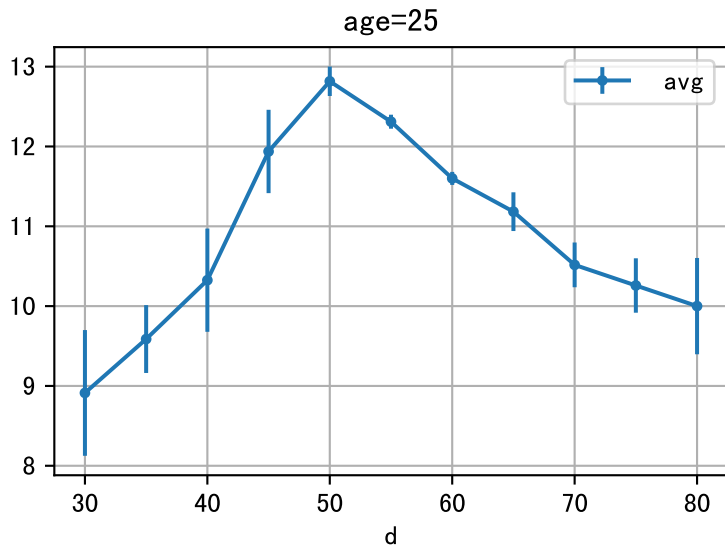
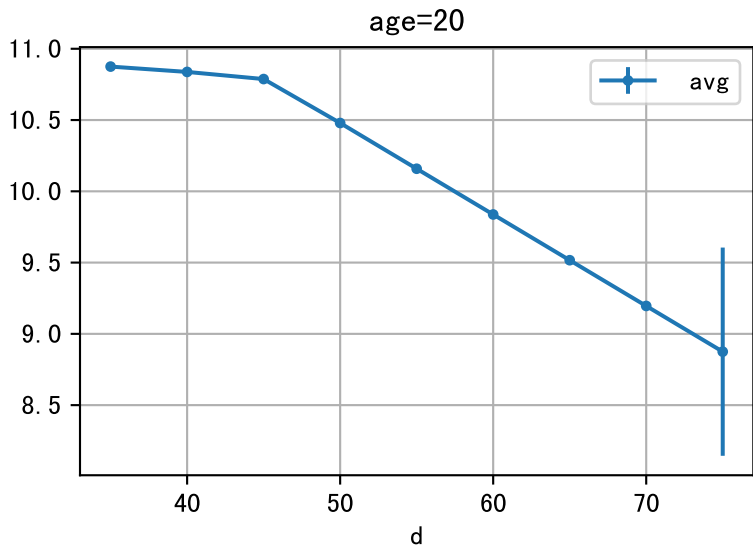
DeltaTypeAbbr=Wei AvgByD



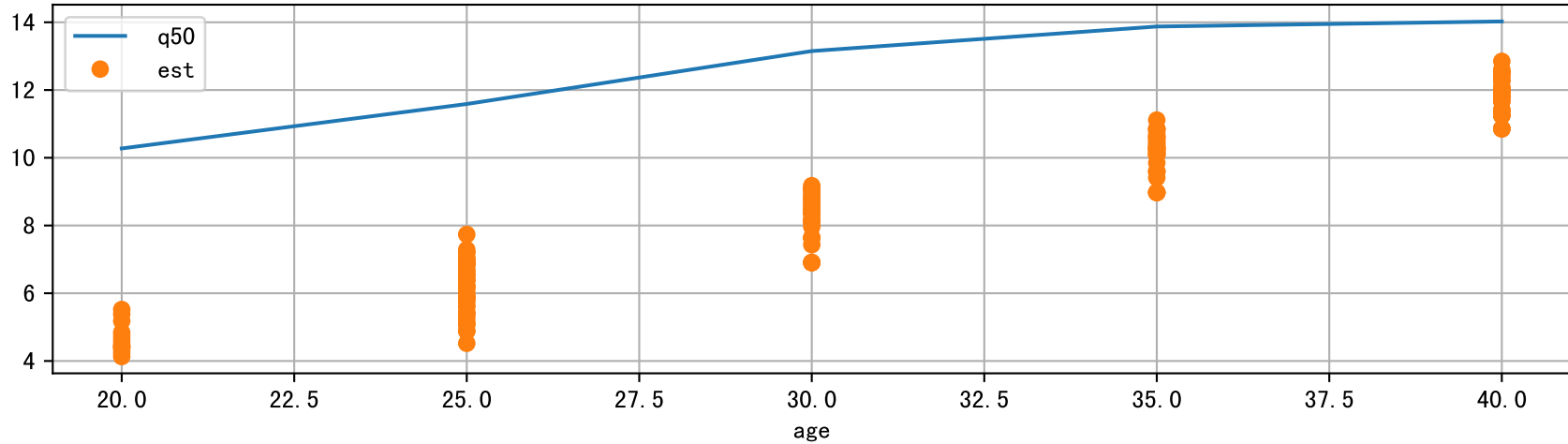
LfA: sfDem



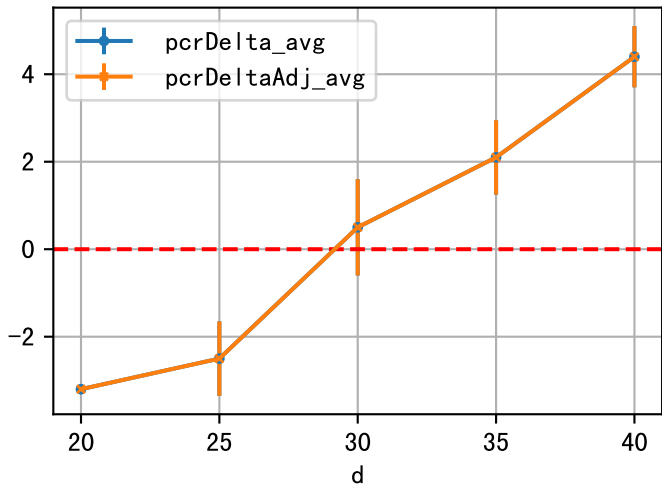
NdD: avg vs. d at each age group



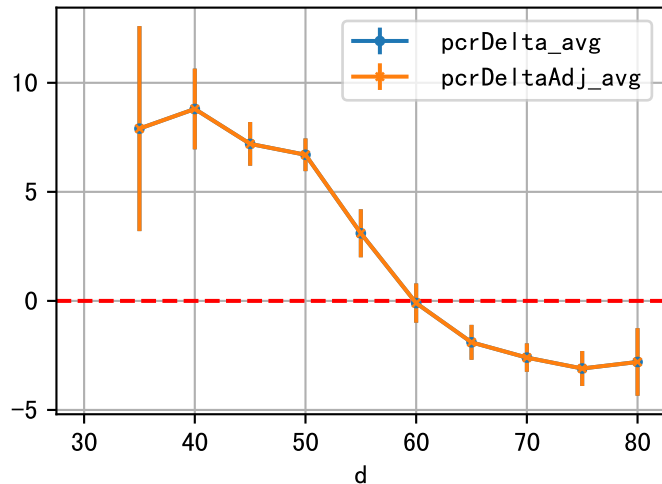
NdD: model est vs obs0v@Q50



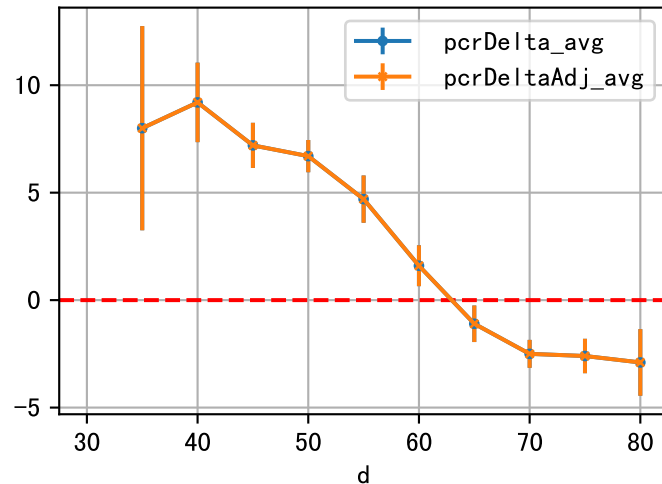
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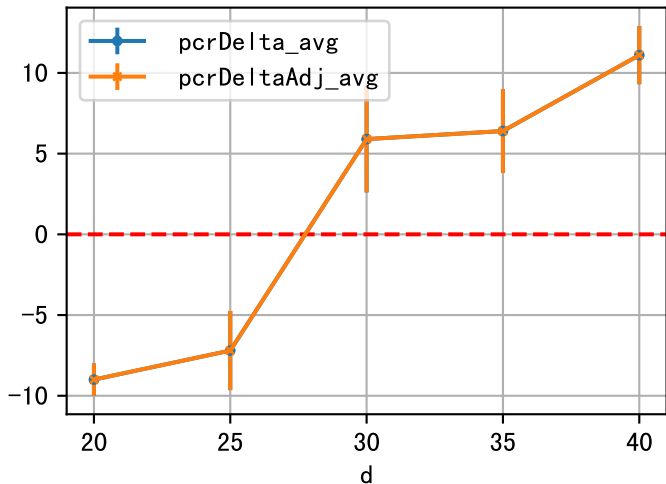
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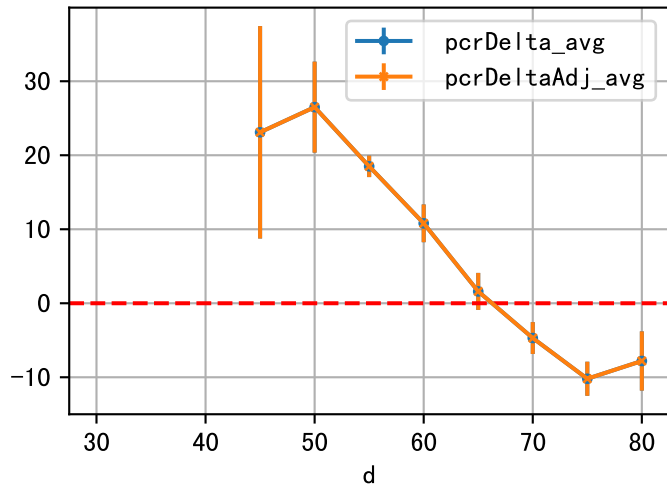
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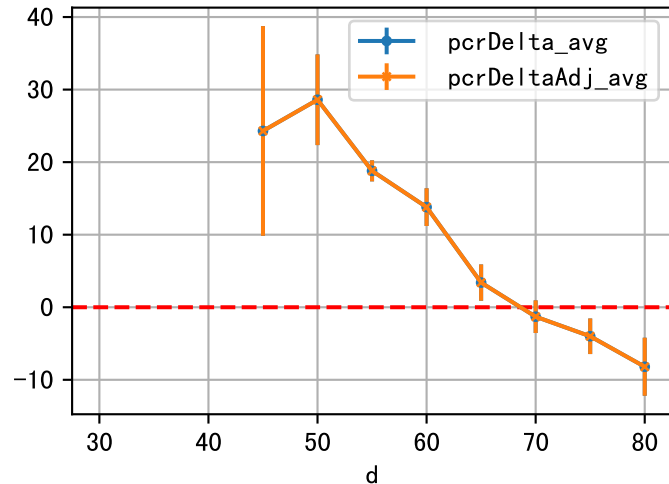


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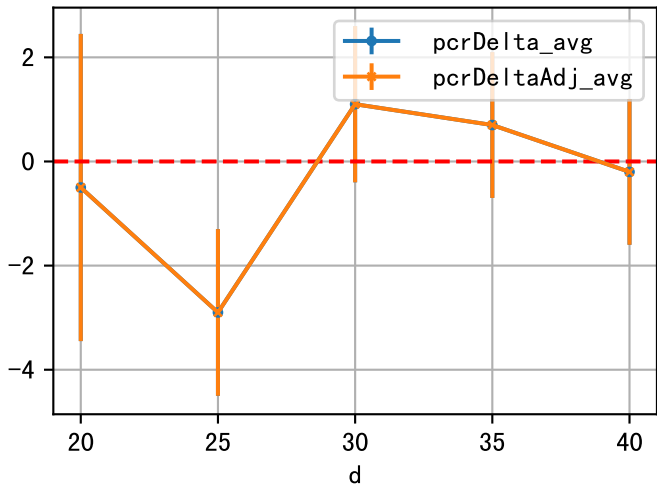


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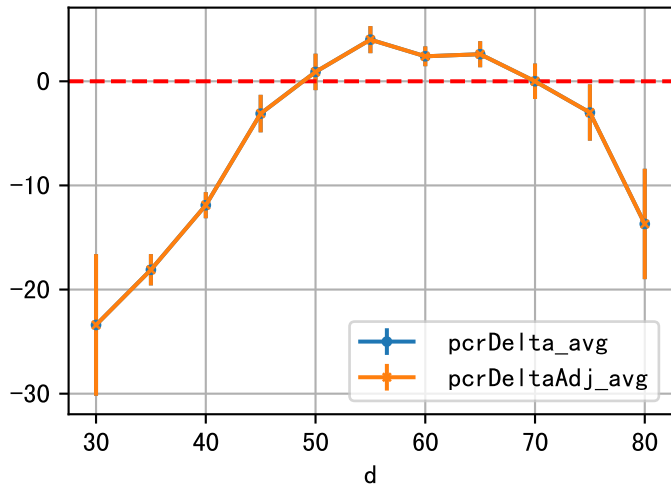
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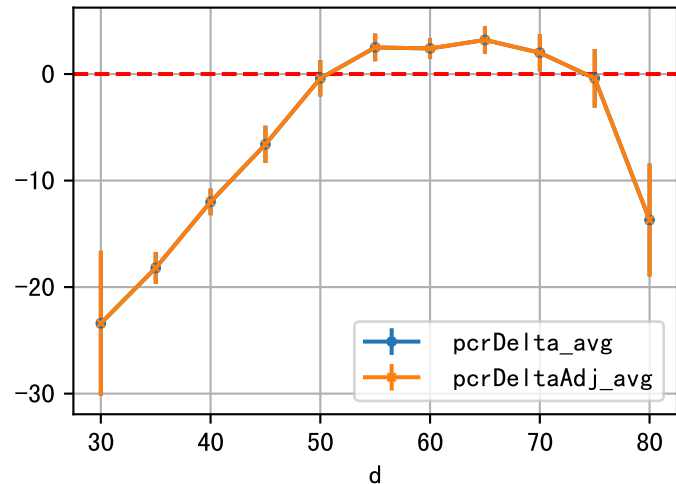


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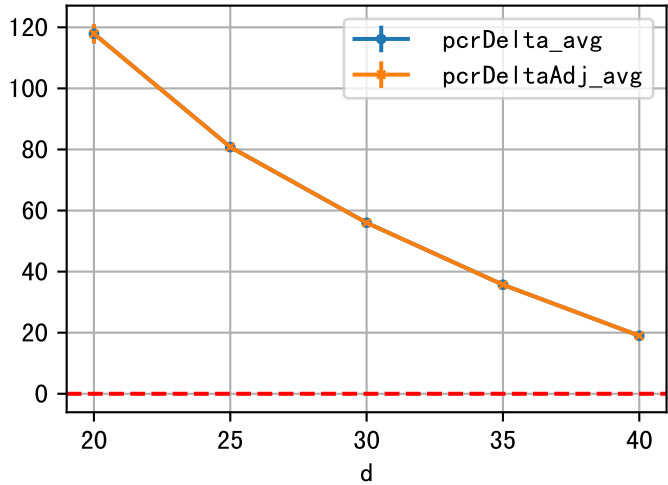


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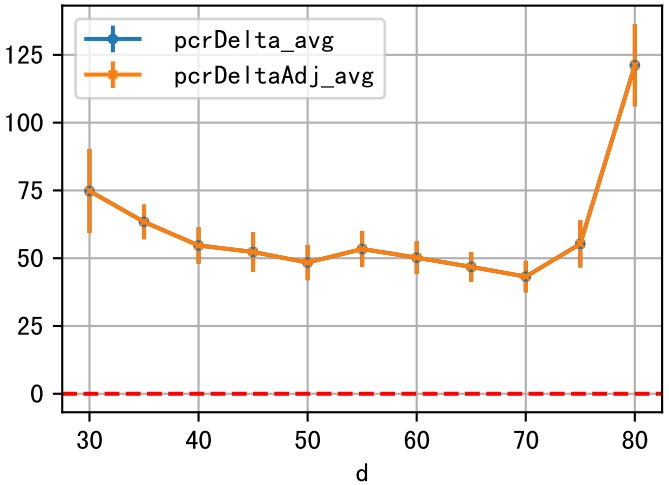
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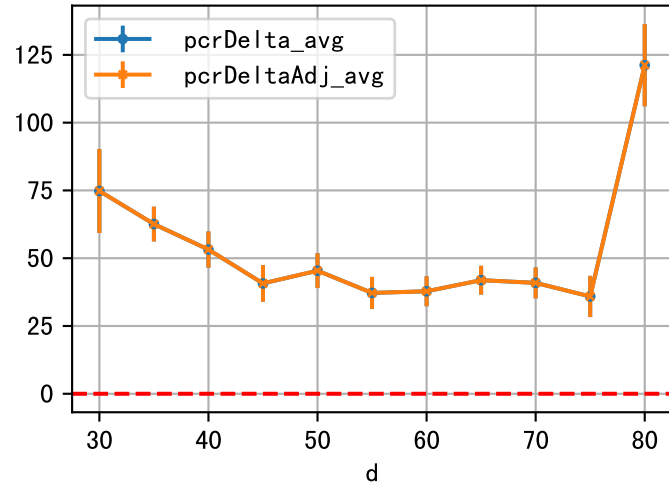
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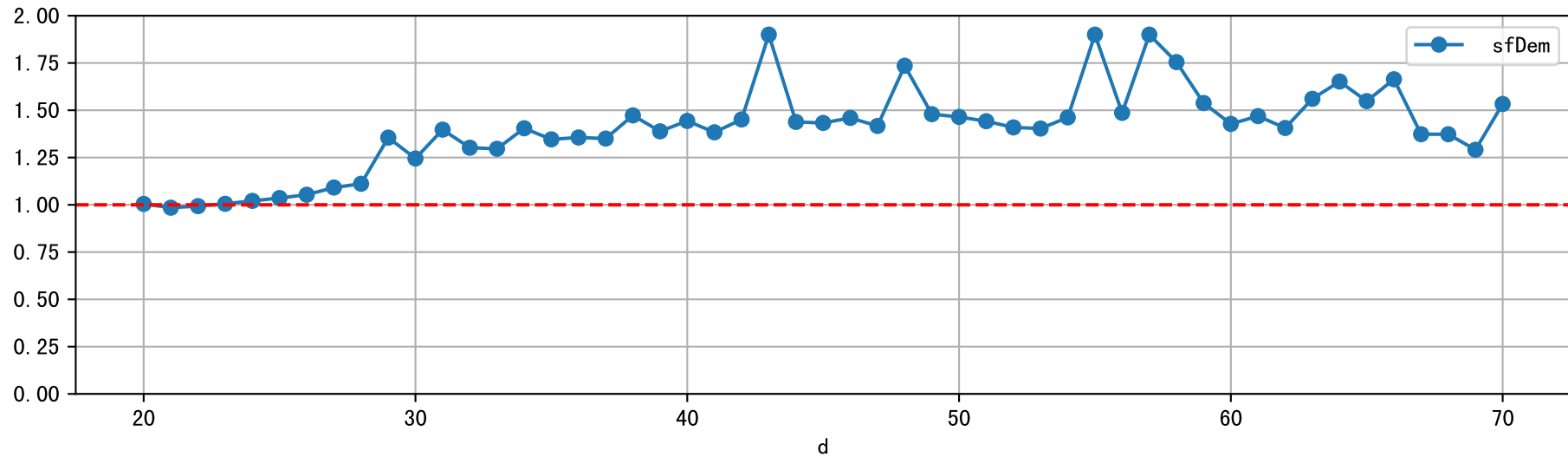
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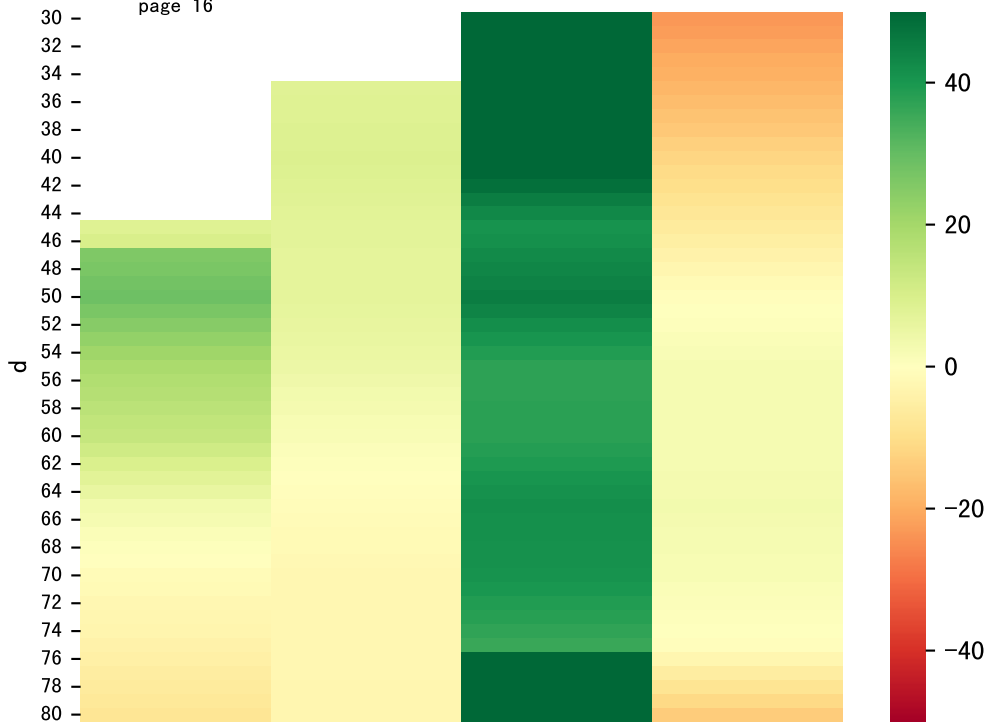


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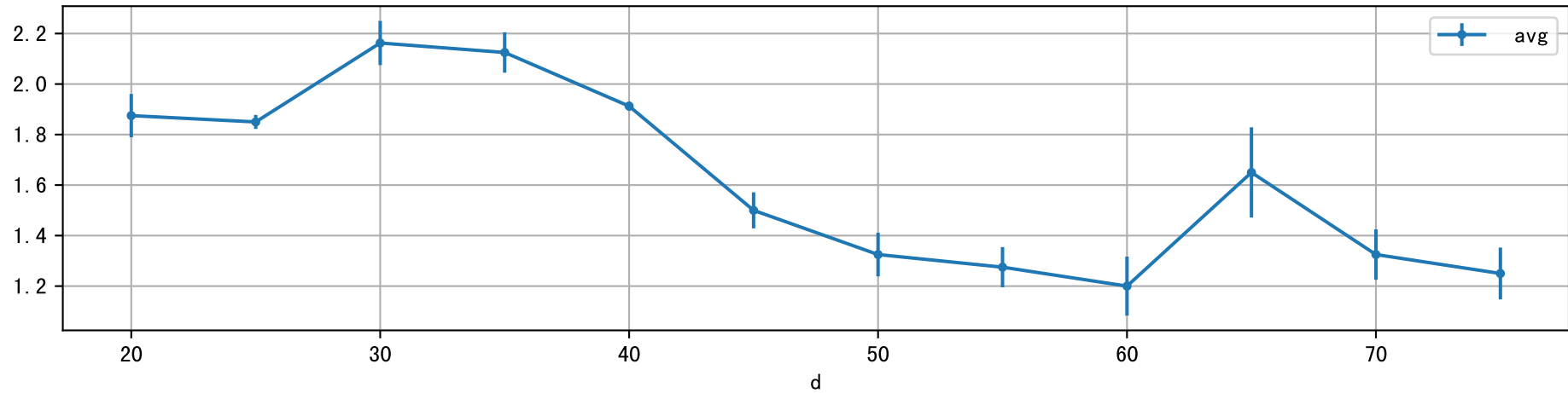


NdD: sfDem

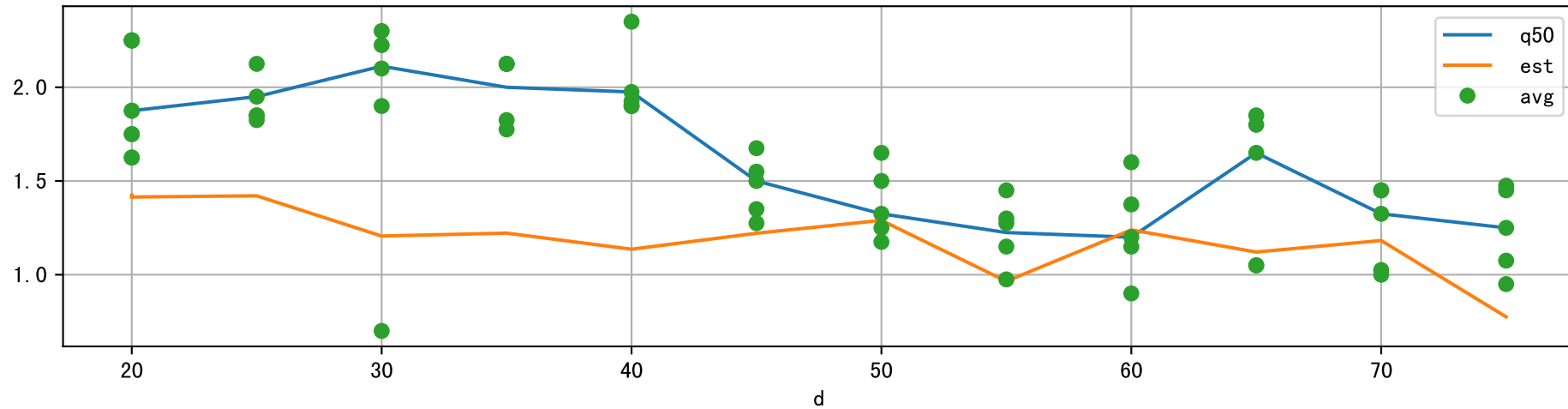




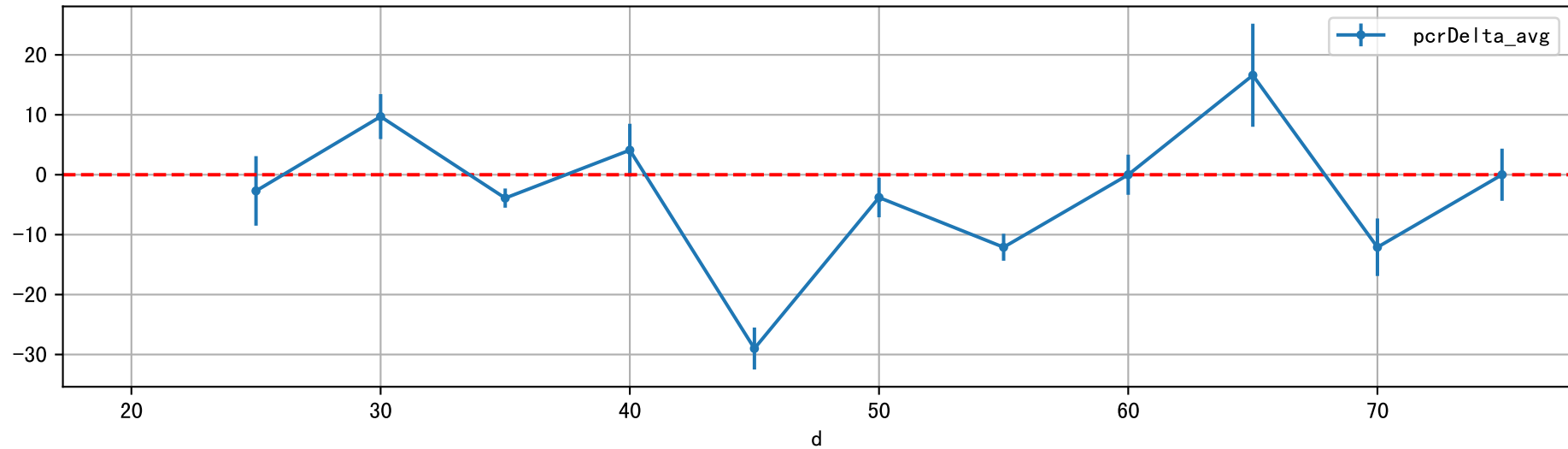
dStH: avg vs. d



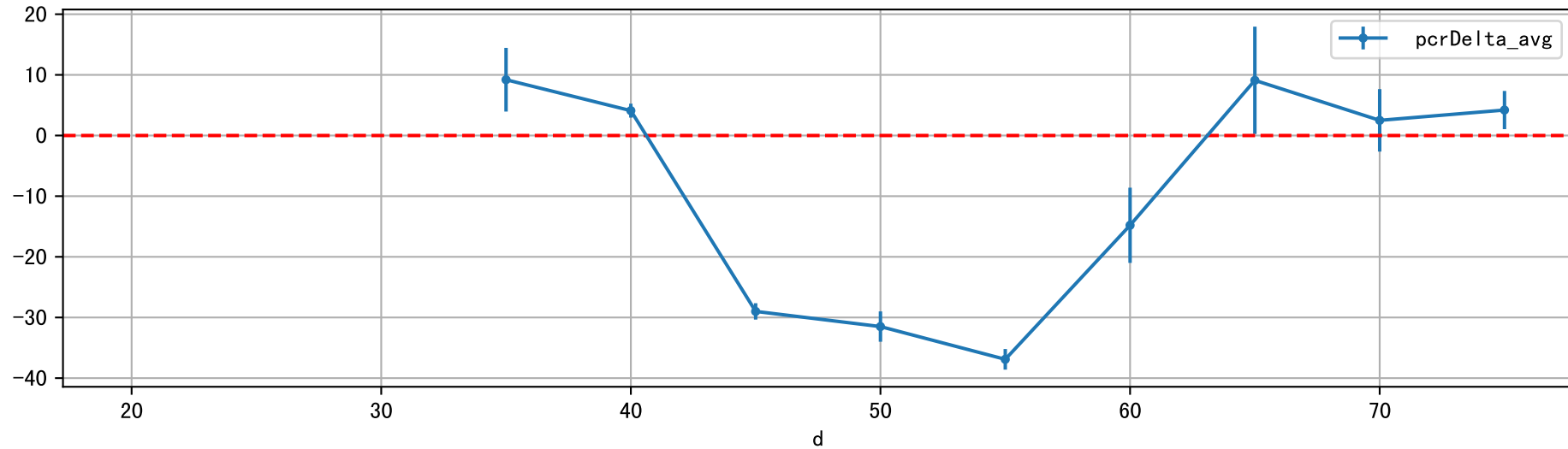
dStH: obsAvg vs obs0v@Q50



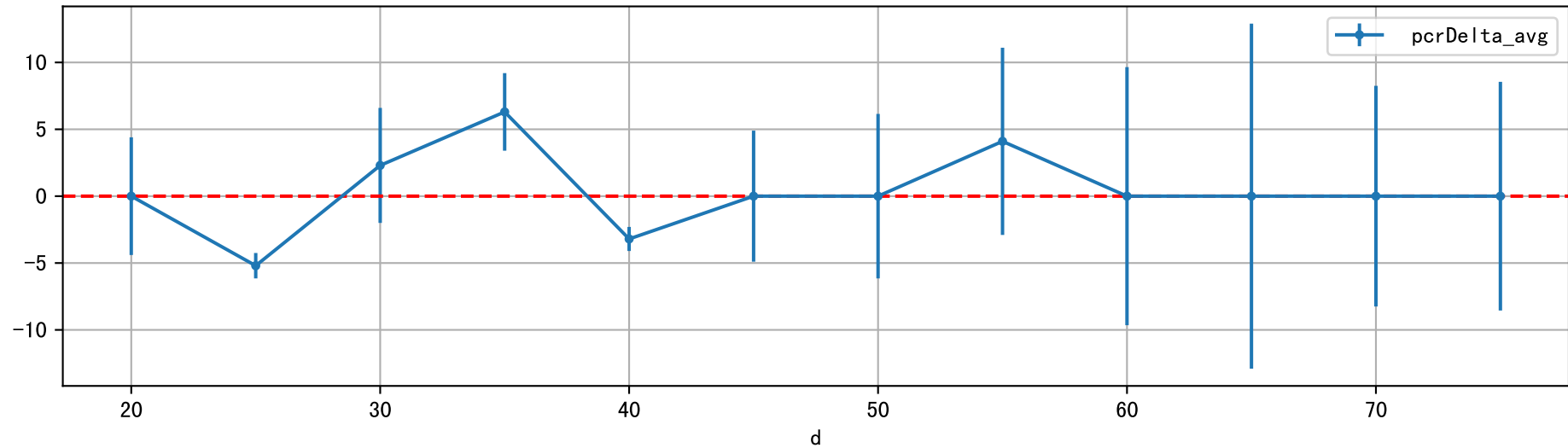
dStH: D_5d_StH



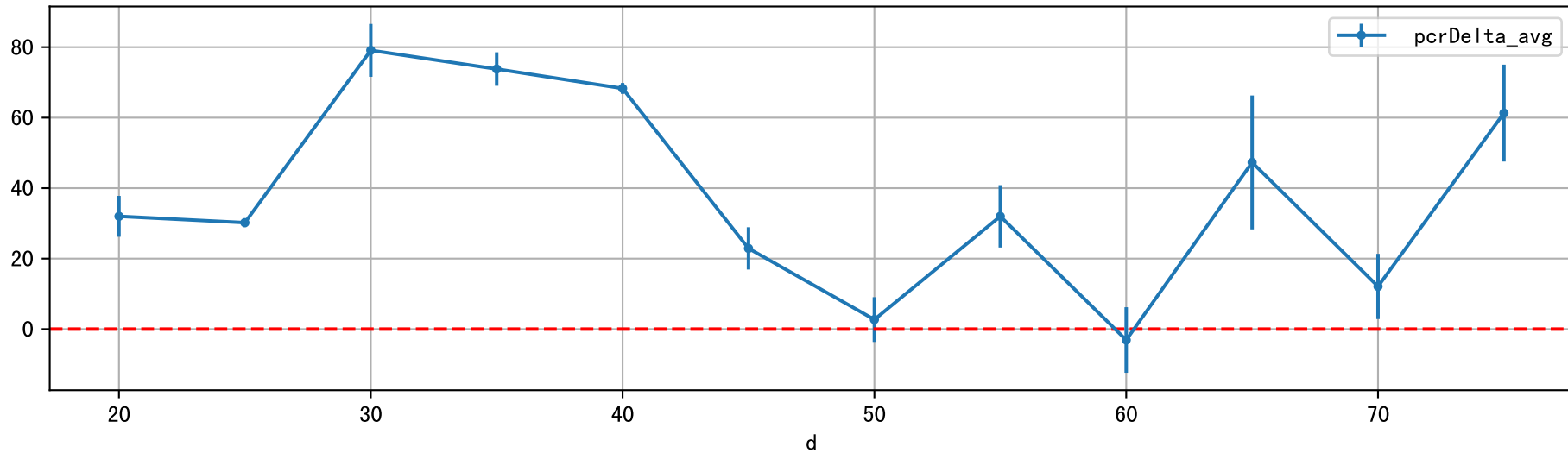
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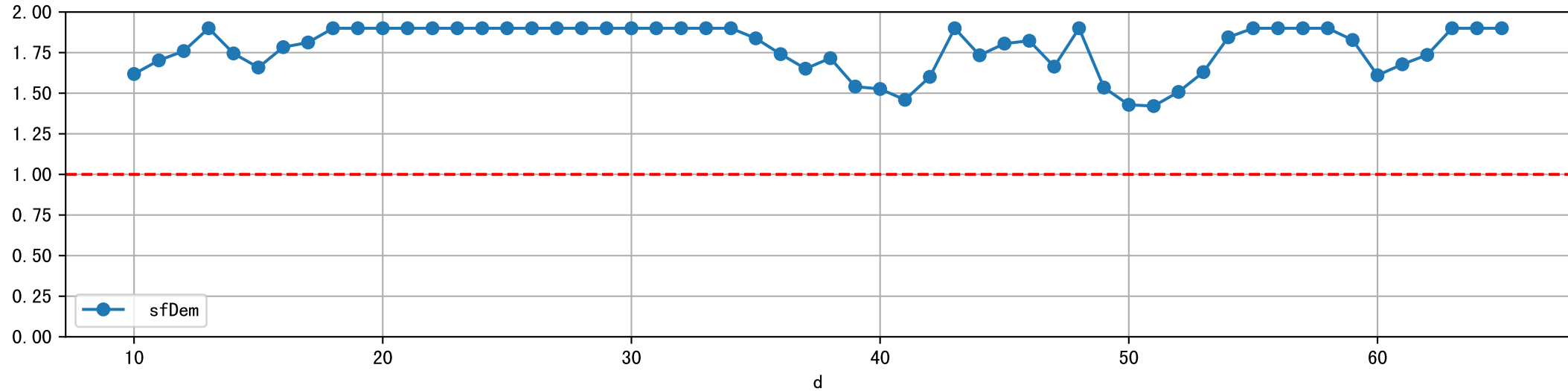
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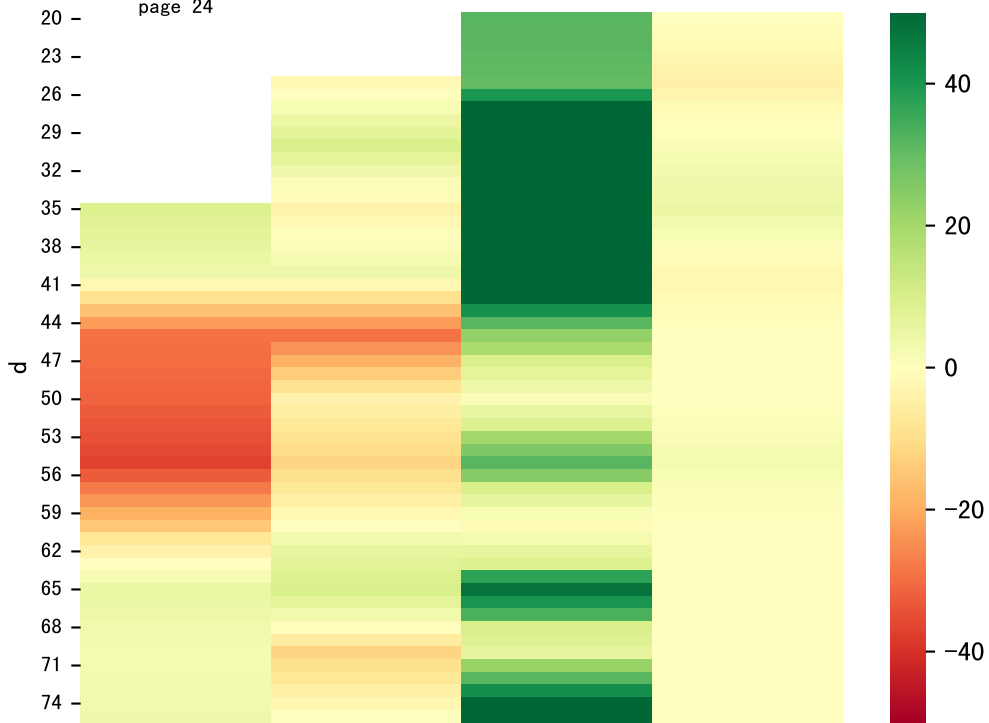


dStH: D_Est_StH



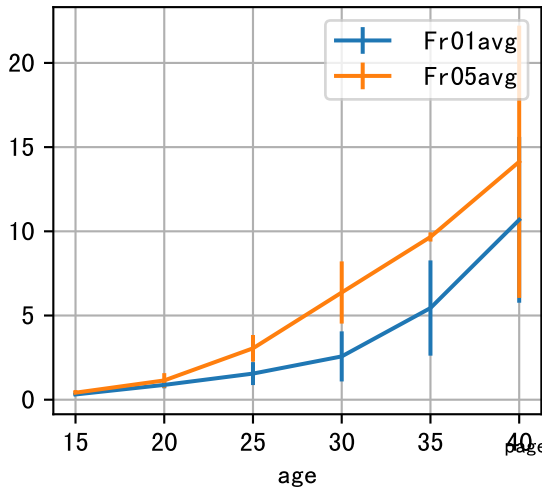
dStH: sfDem



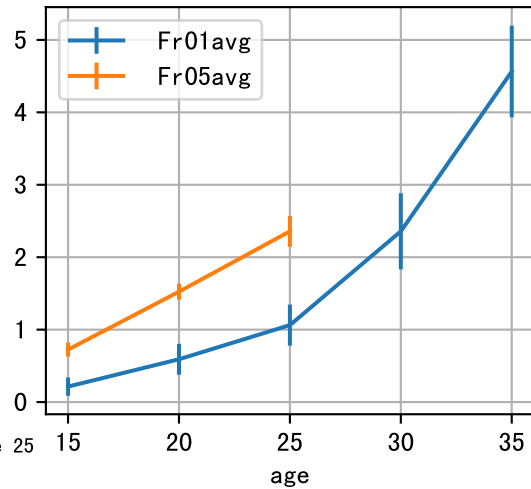


FrV: Fr01 vs Fr05 at each truss

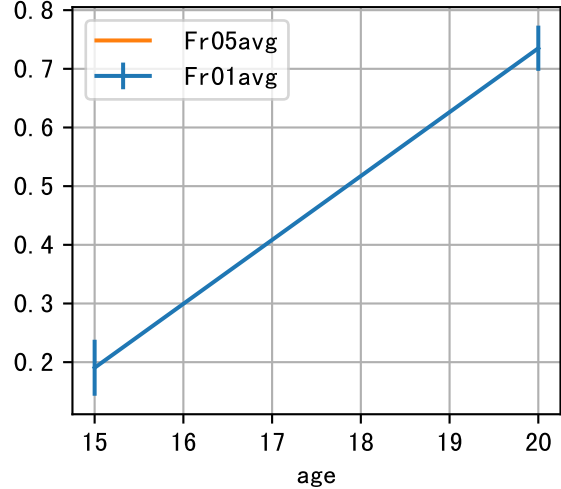
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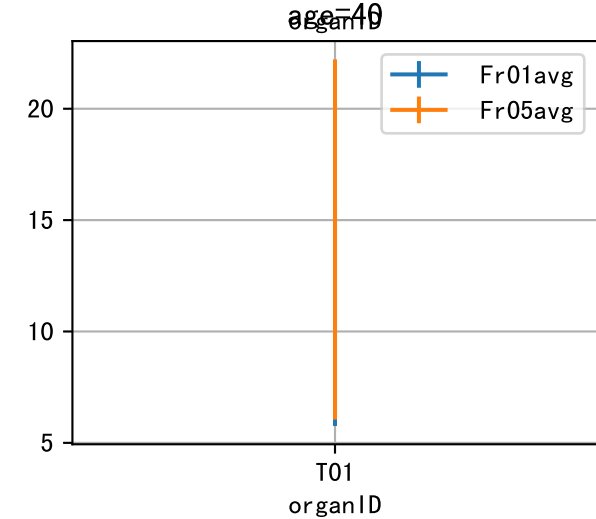
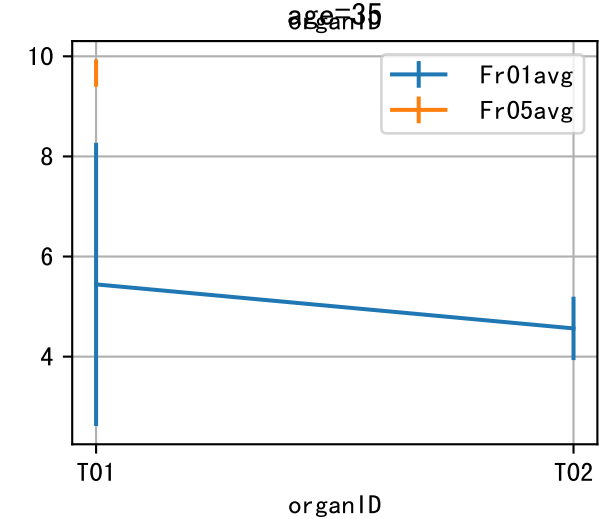
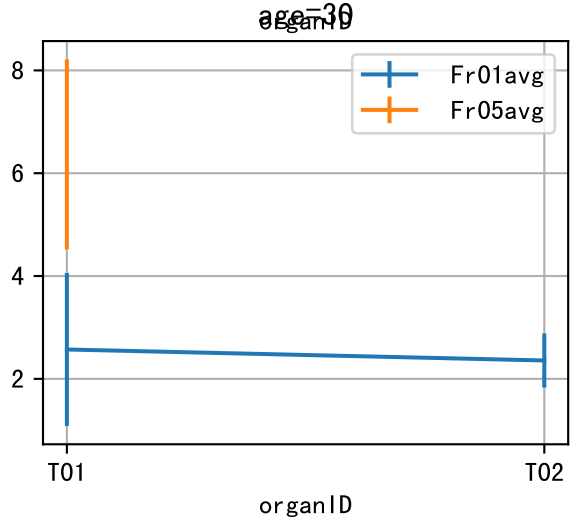
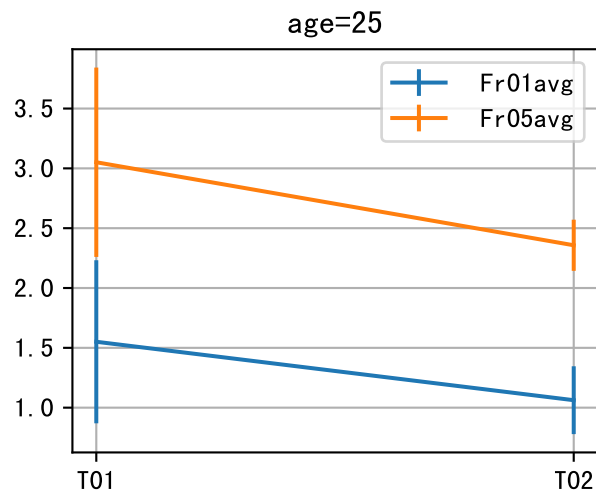
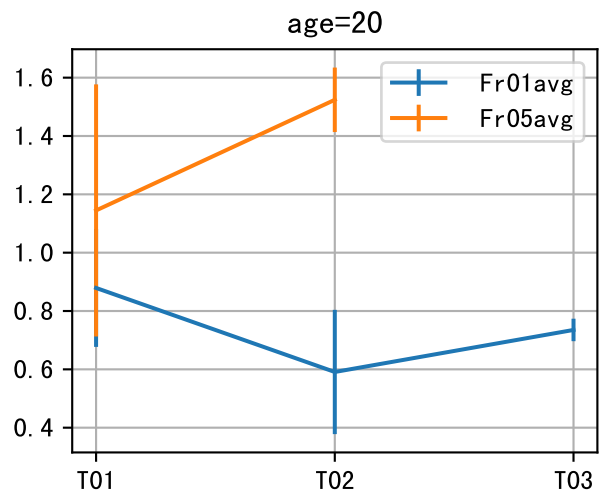
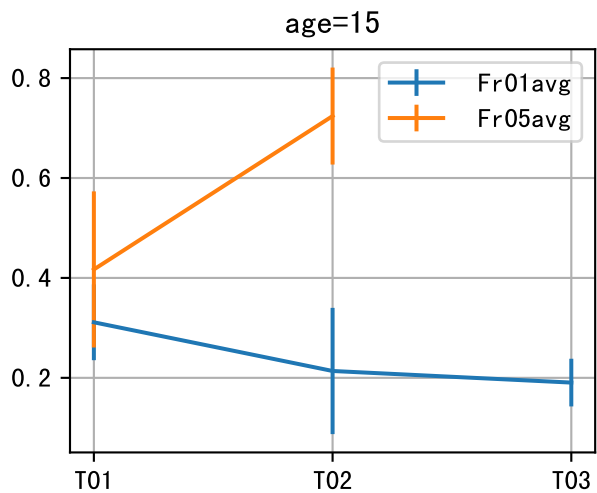
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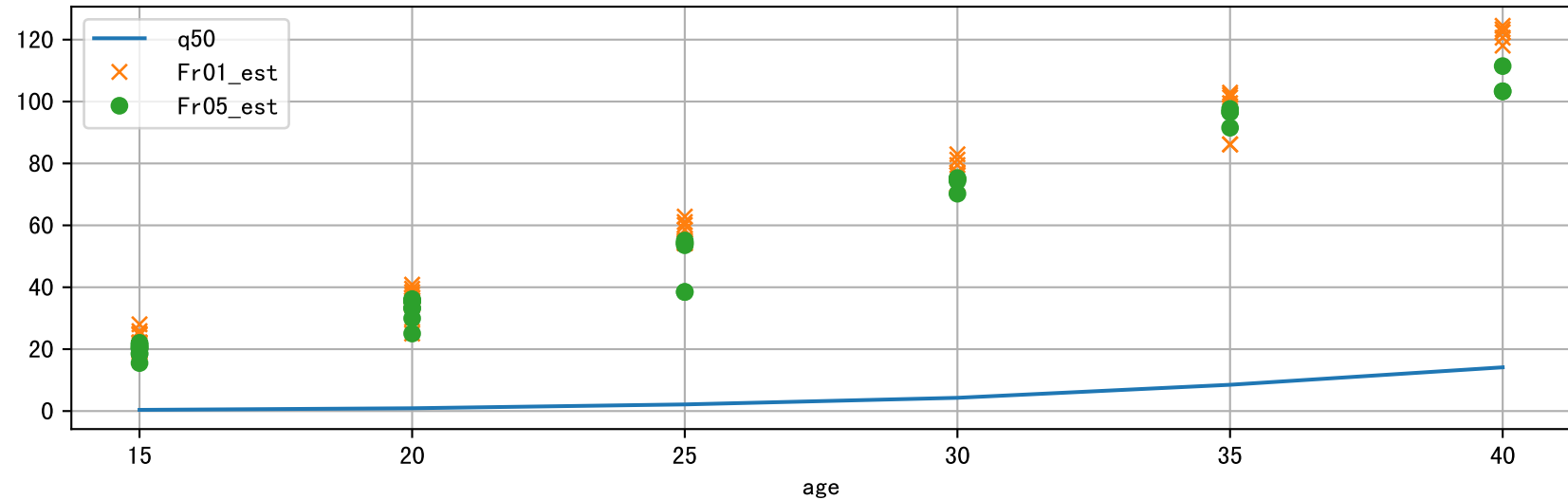
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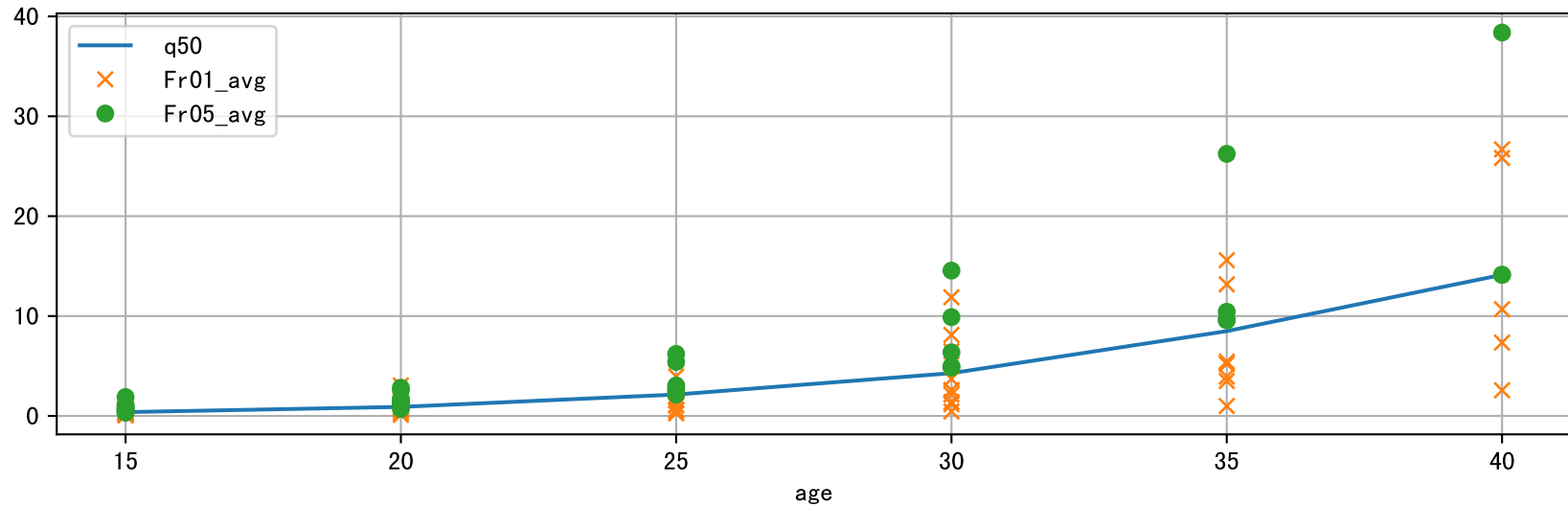
FrV trend at each age



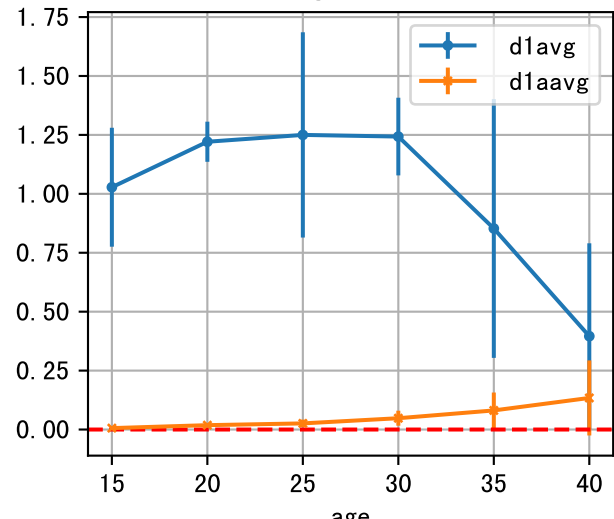
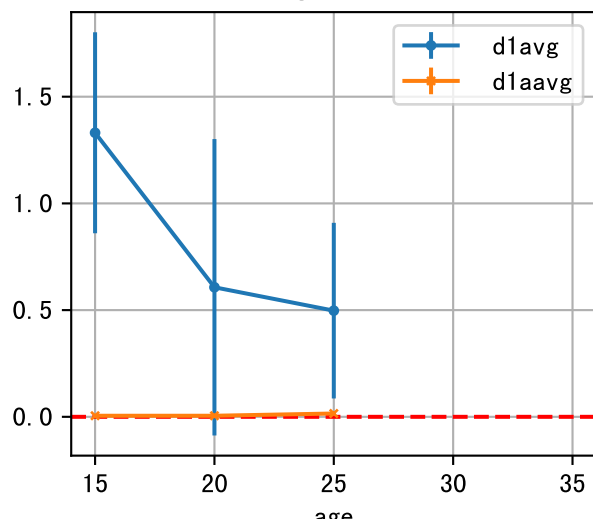
FrV: model Est vs obsFrV at Q90



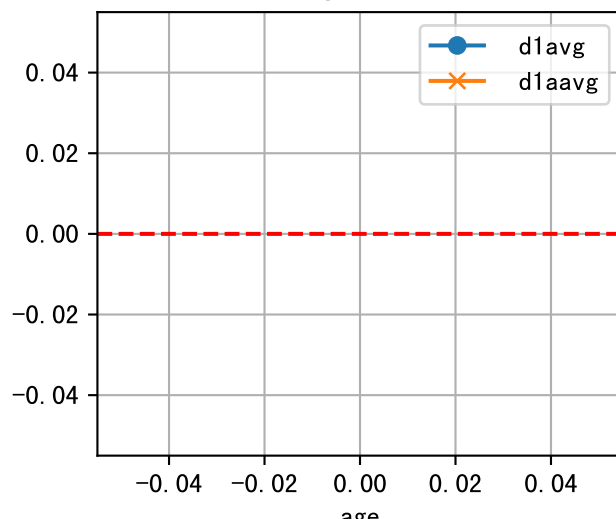
FrV: obsFrV vs obsFrV@Q90



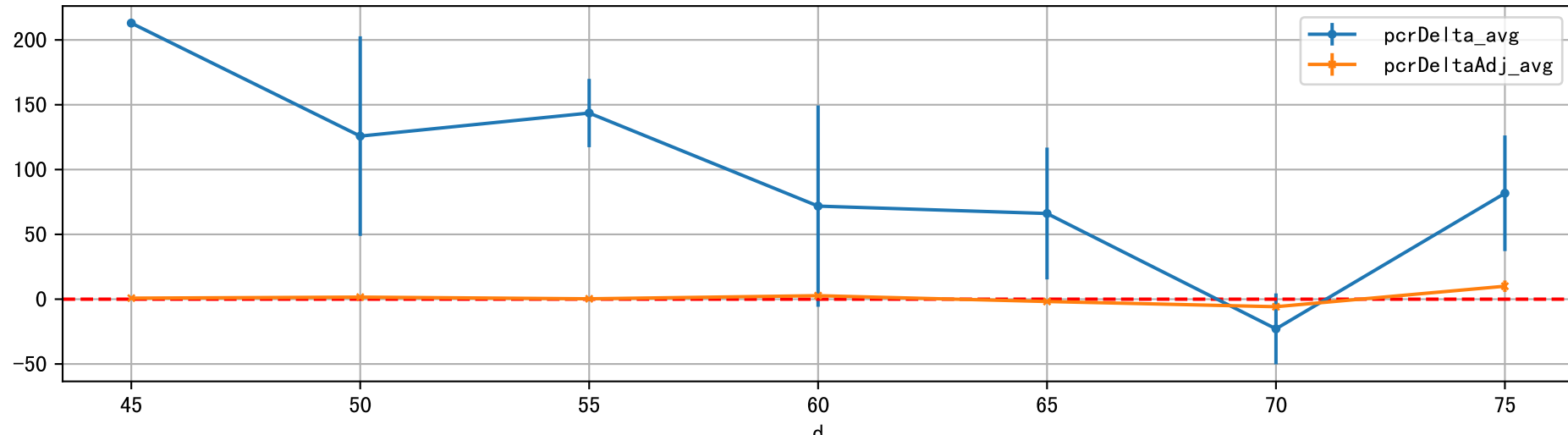
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FrV: D_Fr1_FrV
organID=2

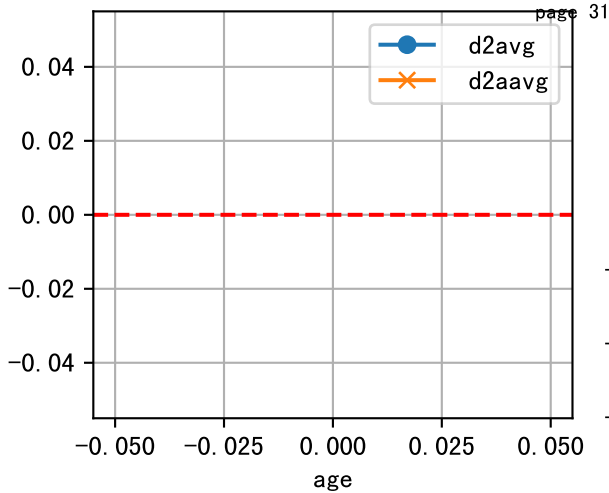
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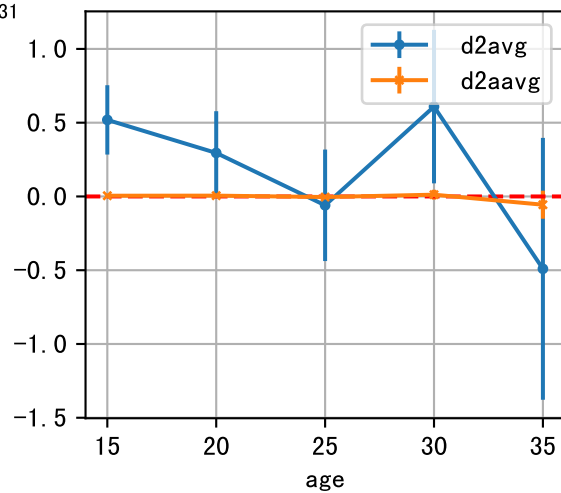
P10AE FrV: D_Fr1_FrV



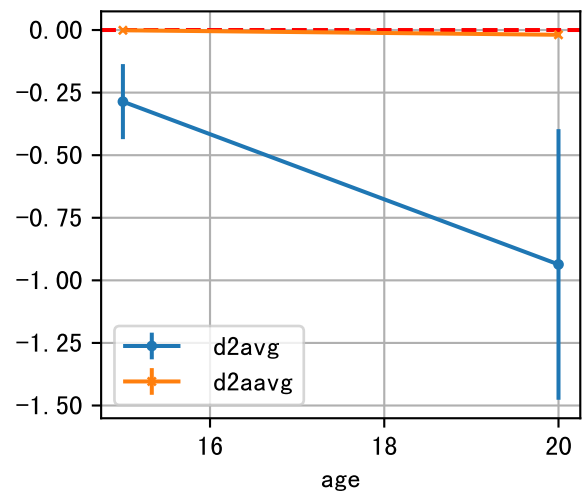
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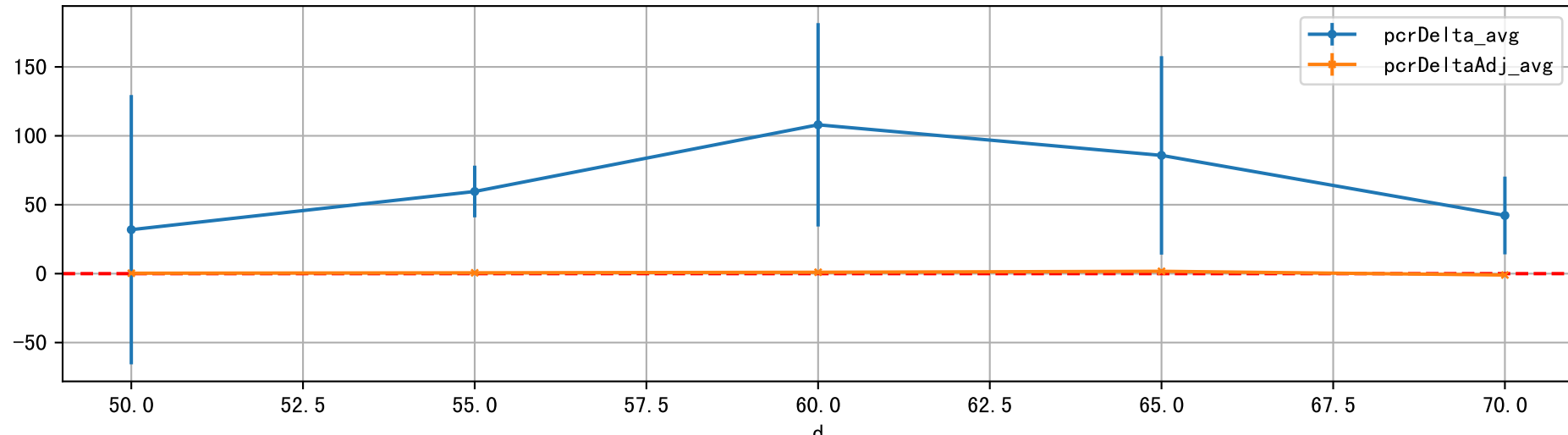
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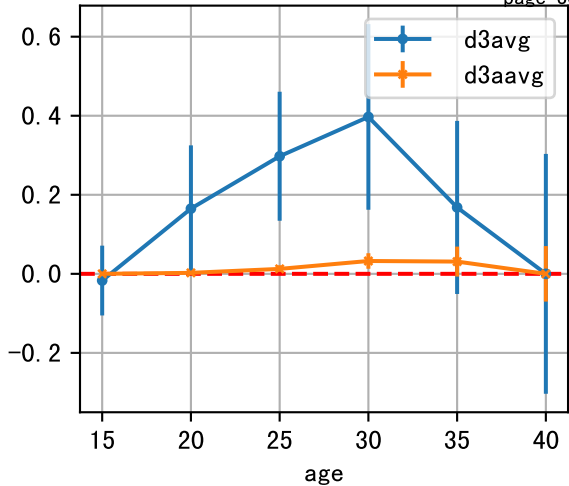


P10AE FrV: D_Ts_FrV

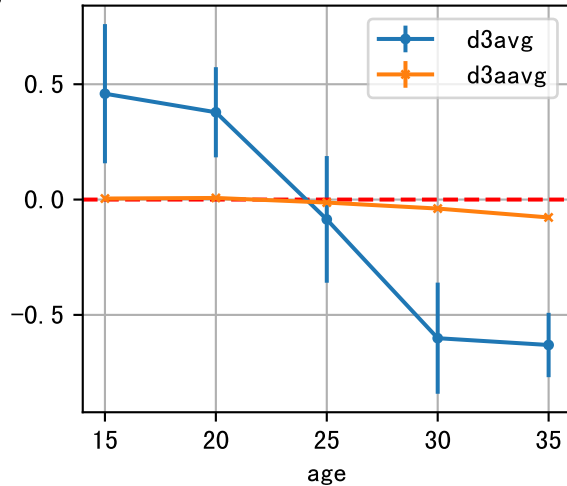


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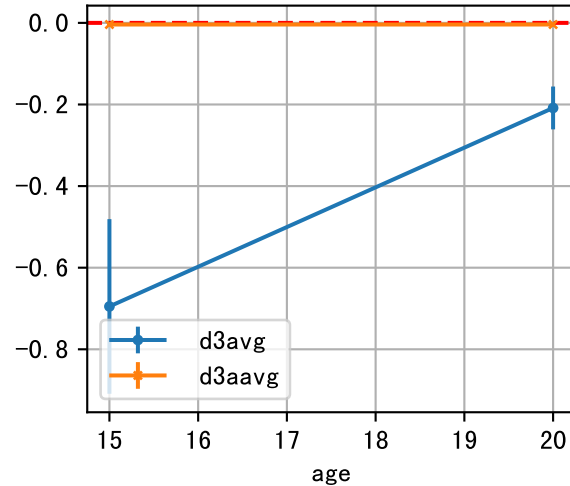
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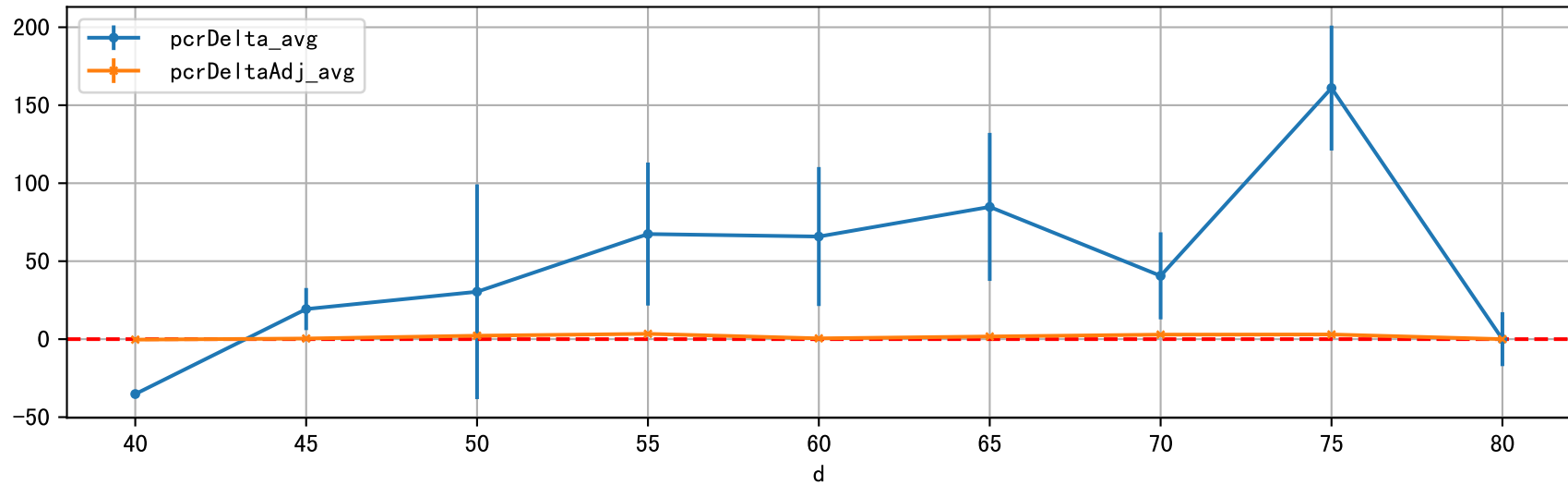
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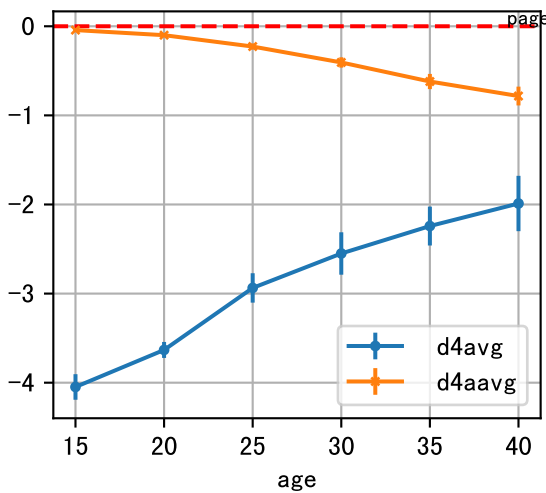
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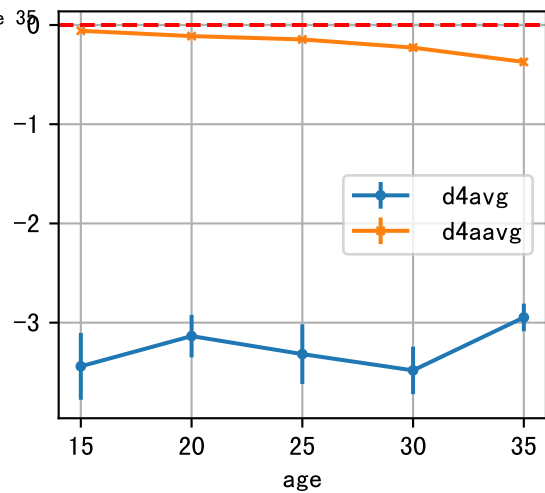
P10AE FrV: D_Q50_FrV



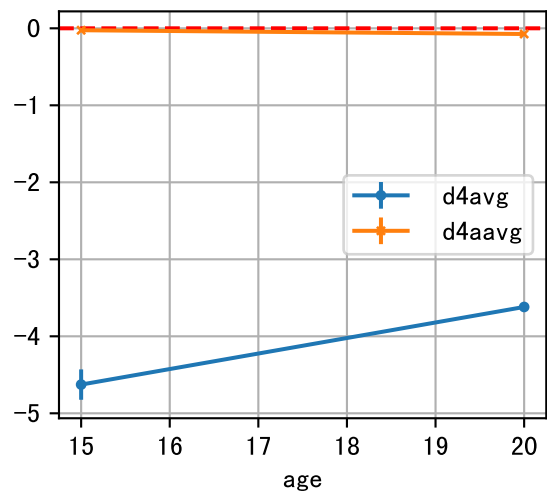
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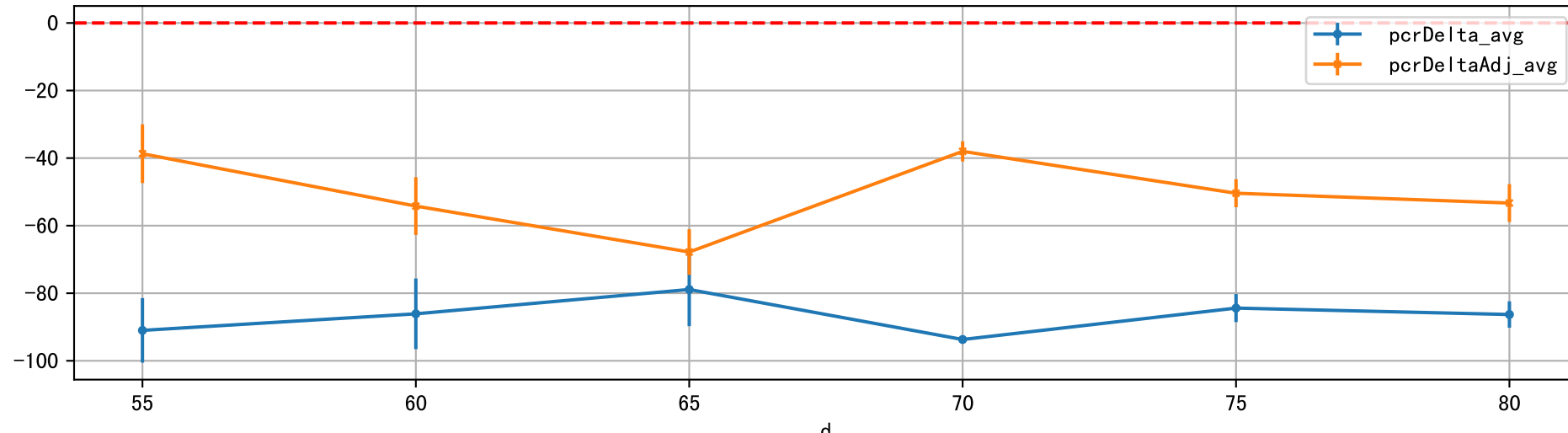
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organID=3



P10AE FrV: D_Est_FrV



P10AE FrV: sfDem

