

Phenotype Data Analysis Plots
PhenoData day range = 18 - 105
Analysis cutoff day = 105
NC11 P10
2026-02-01 (Day 106)

avg1=0.00% avg2=na
P10AE Truss

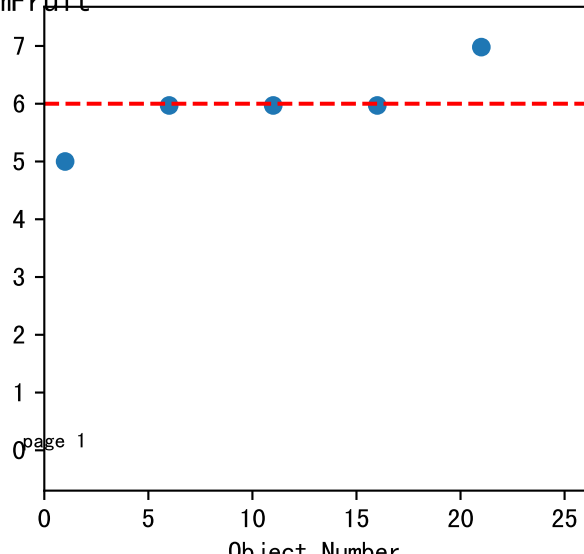
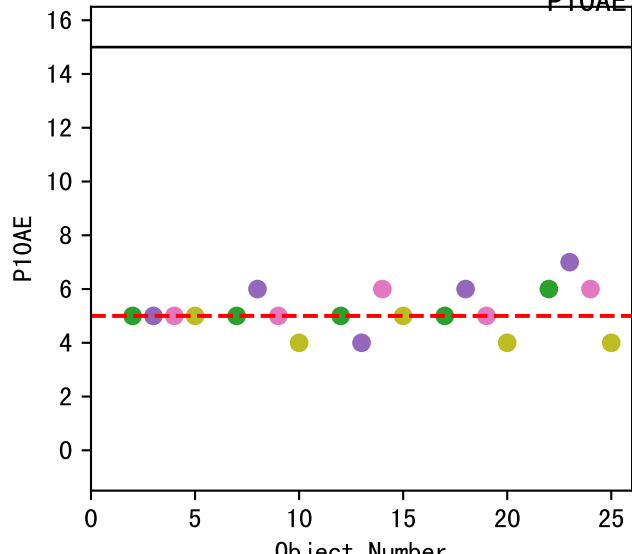


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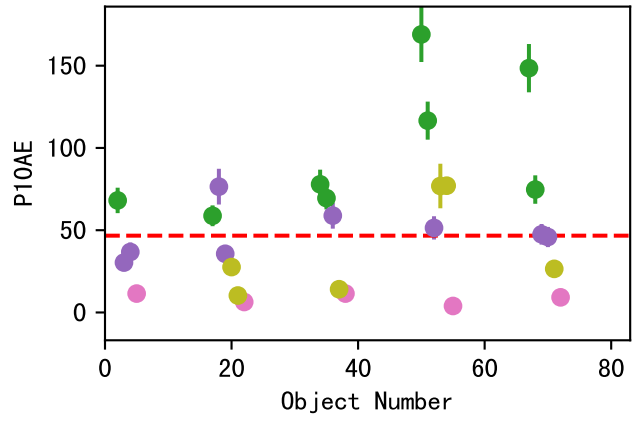
avg1=5.0 16% avg2=na

P10AE TrimFruit

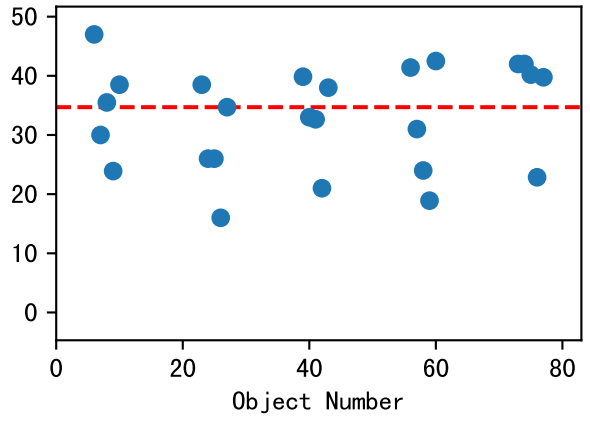
avg1=6.0 0% avg2=na



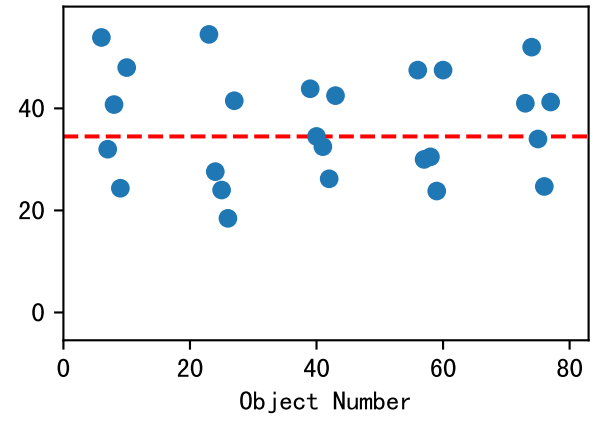
FRV_avgAbsY (Def=na Set=46.69)
avg1=46.69~76% avg2=na



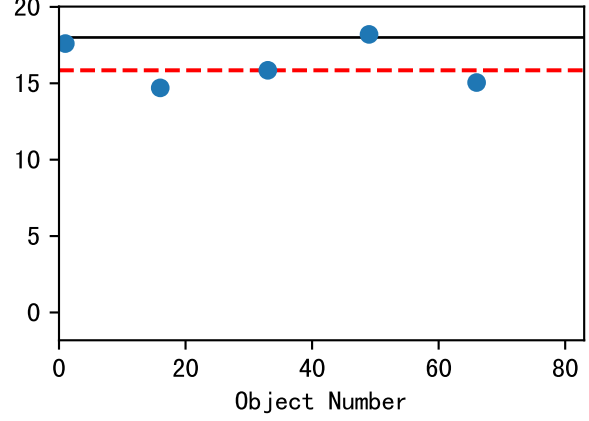
LTL_avgAbsY (Def=na Set=34.7)
avg1=34.7~25% avg2=na



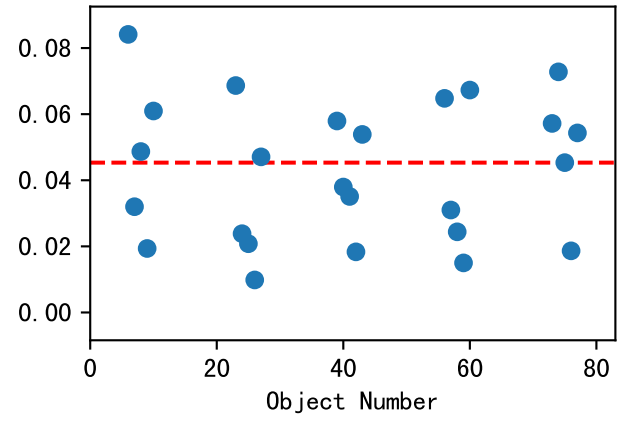
LTW_avgAbsY (Def=na Set=34.5)
avg1=34.5~30% avg2=na



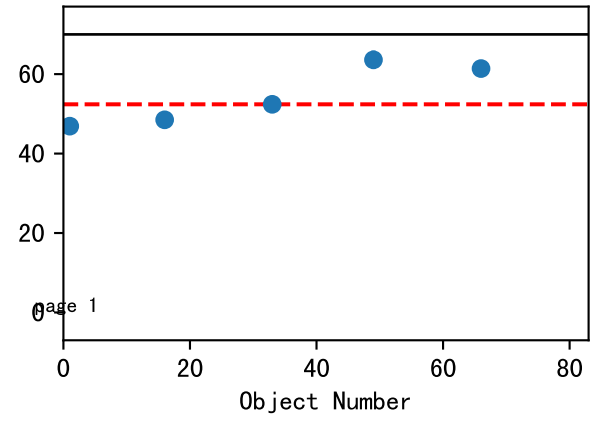
NdD_Q90AbsY (Def=18 Set=15.85)
avg1=15.85~10% avg2=na



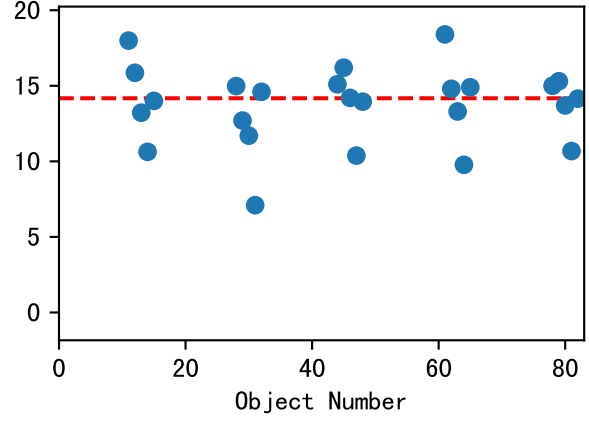
LfA_avgAbsY (Def=na Set=0.05)
avg1=0.05~46% avg2=na



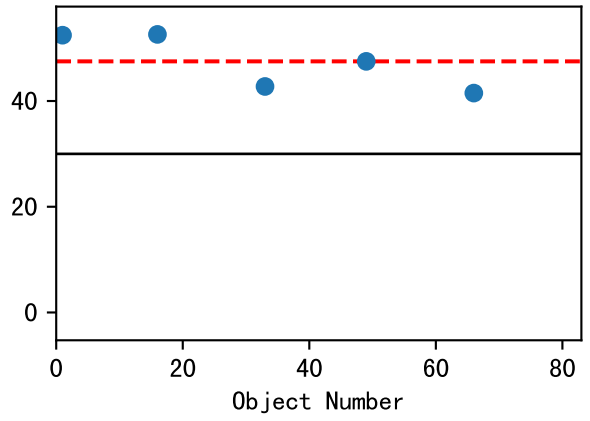
FrD_Q90AbsY (Def=70 Set=52.4)
avg1=52.4~14% avg2=na



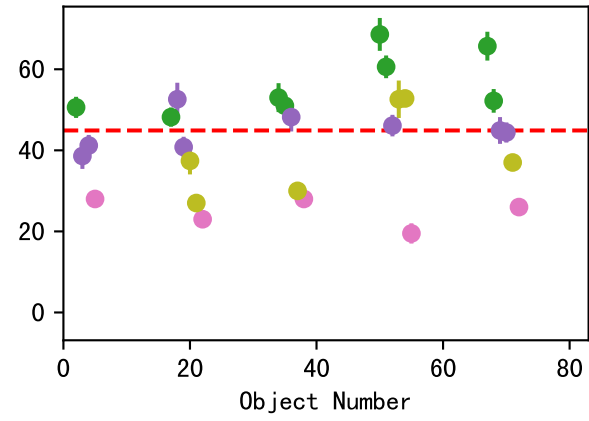
NdU_avgAbsY (Def=na Set=14.17)
avg1=14.17~16% avg2=na



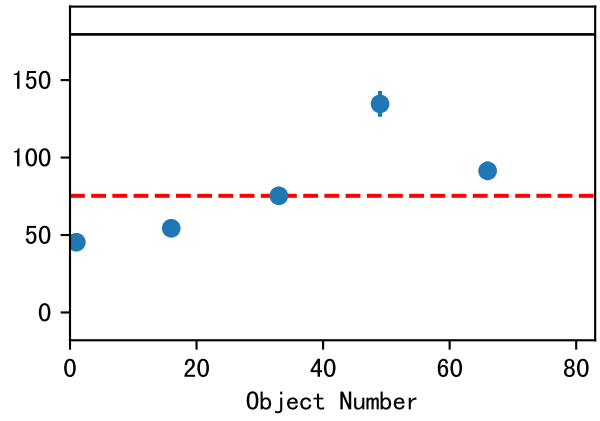
LiW_Q90AbsY (Def=30 Set=47.5)
avg1=47.5~11% avg2=na



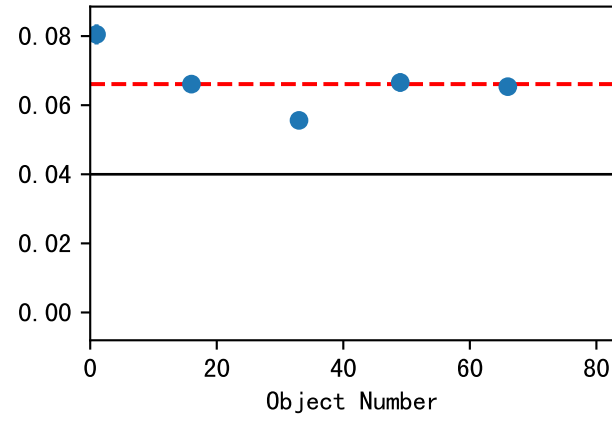
FRD_avgAbsY (Def=na Set=44.9)
avg1=44.9~29% avg2=na



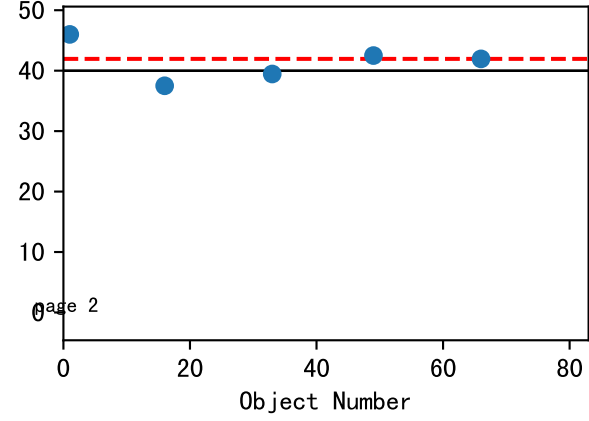
FrV_Q90AbsY (Def=179.5 Set=75.32)
avg1=75.32~47% avg2=na



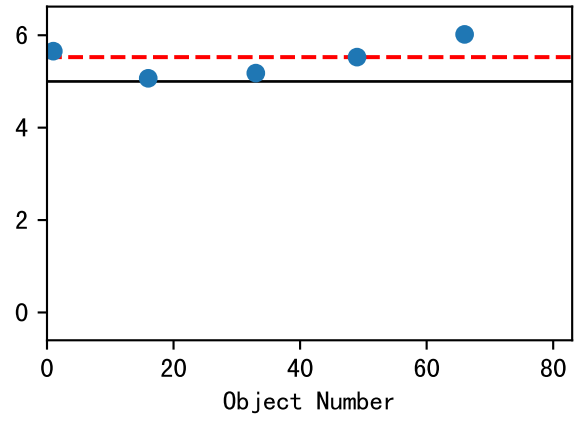
LfA_Q90AbsY (Def=0.04 Set=0.04)
avg1=0.07~1% avg2=na



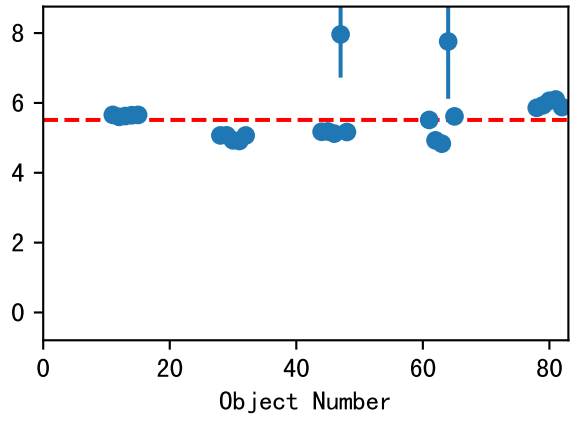
LfL_Q90AbsY (Def=40 Set=41.95)
avg1=41.95~8% avg2=na



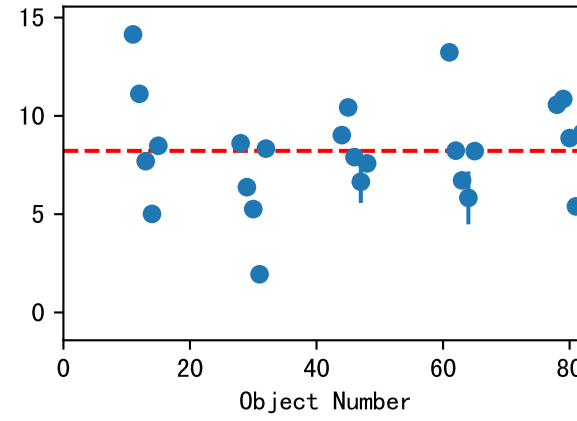
NdL_Q90AbsY (Def=5.33 Set=5.33)
avg1=5.53~7% avg2=na



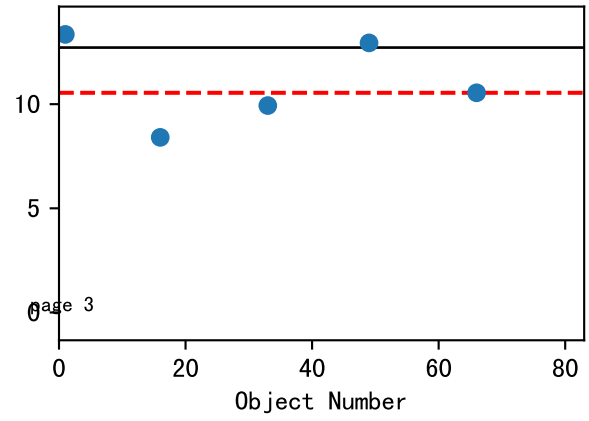
NdL_avgAbsY (Def=na Set=5.31)
avg1=5.51~7% avg2=na



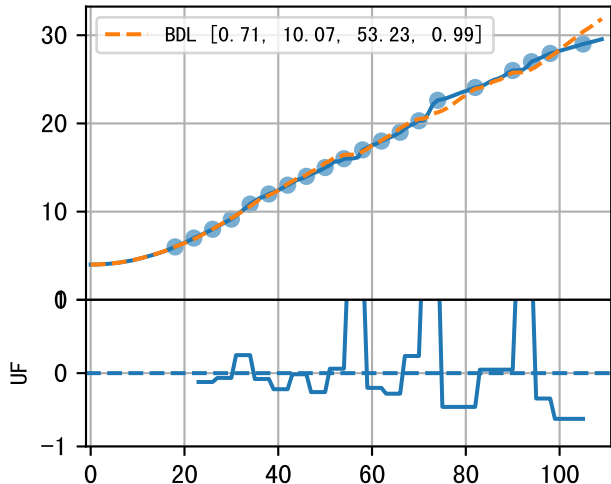
NdV_avgAbsY (Def=na Set=8.22)
avg1=8.22~22% avg2=na



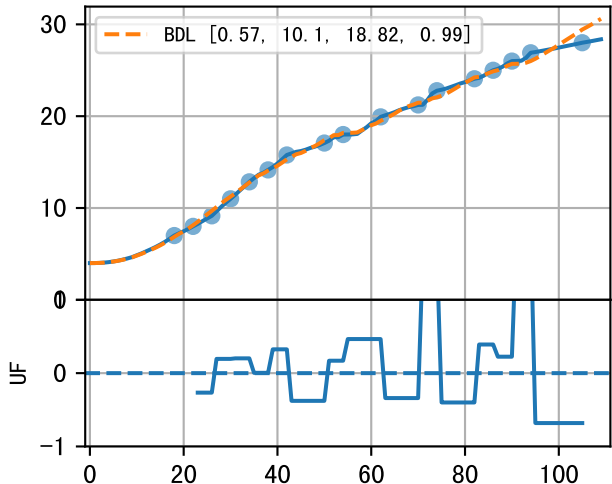
NdV_Q90AbsY (Def=12.72 Set=10.55)
avg1=10.55~20% avg2=na



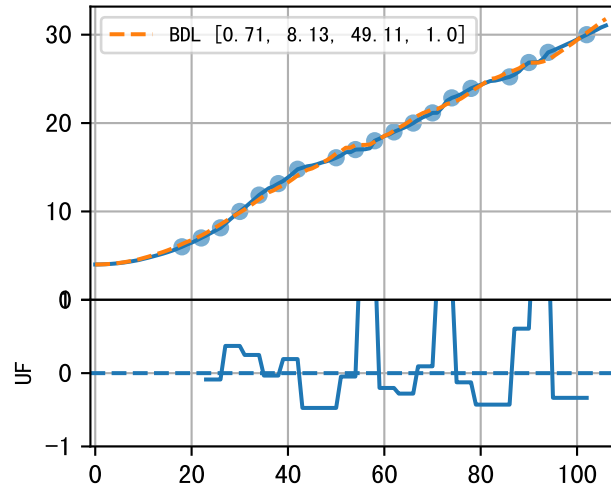
P10AE-081-12 (fit failed)



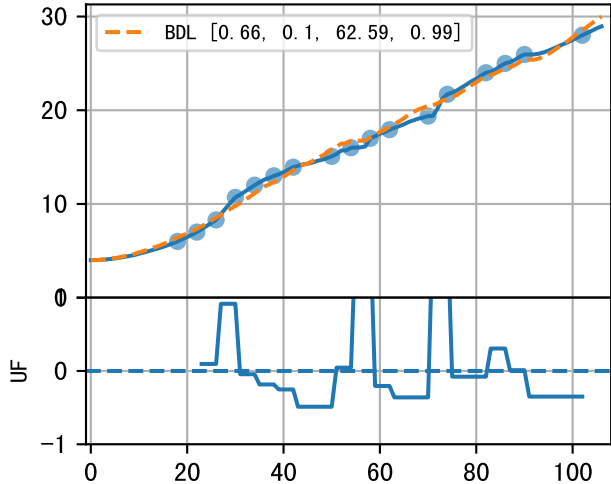
P10AE-087-27 (fit failed)



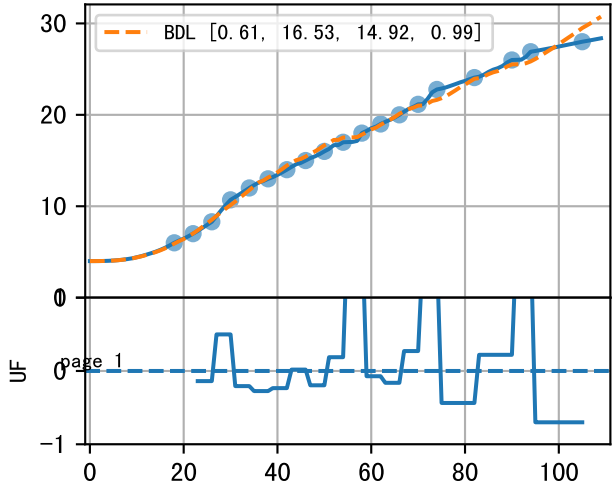
P10AE-095-20 (fit failed)



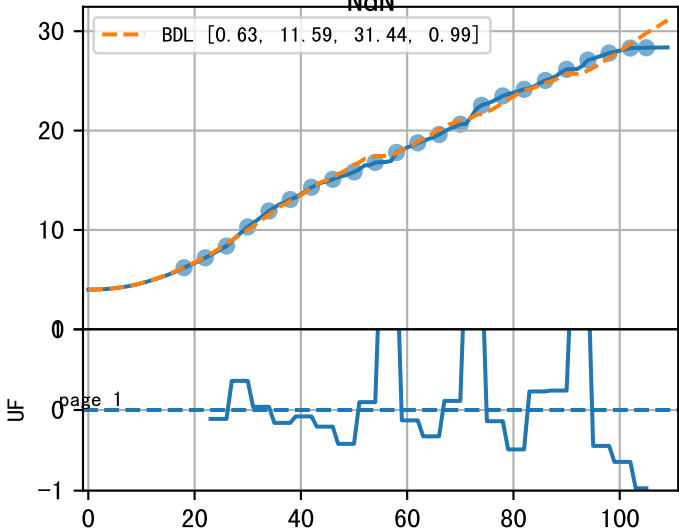
P10AE-103-32 (fit failed)



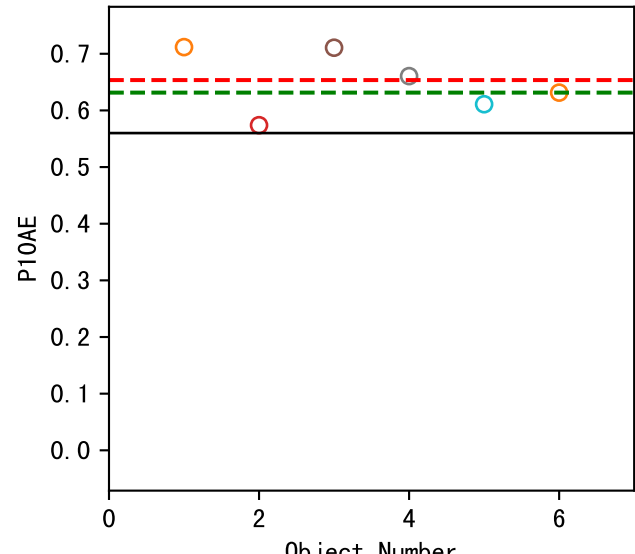
P10AE-114-7 (fit failed)



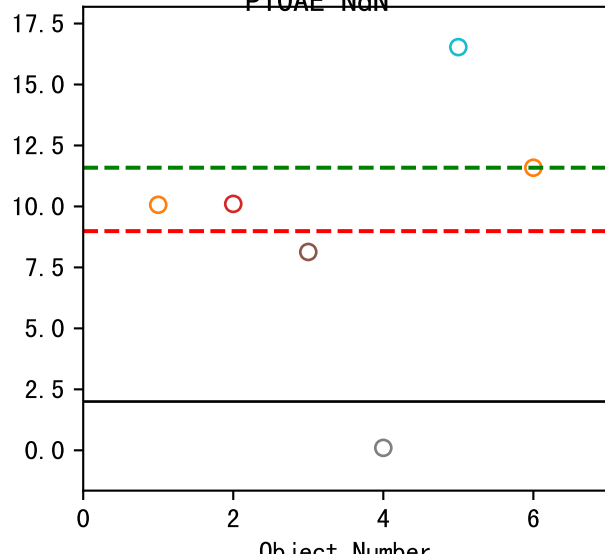
PROEavg (fit failed)
NdN



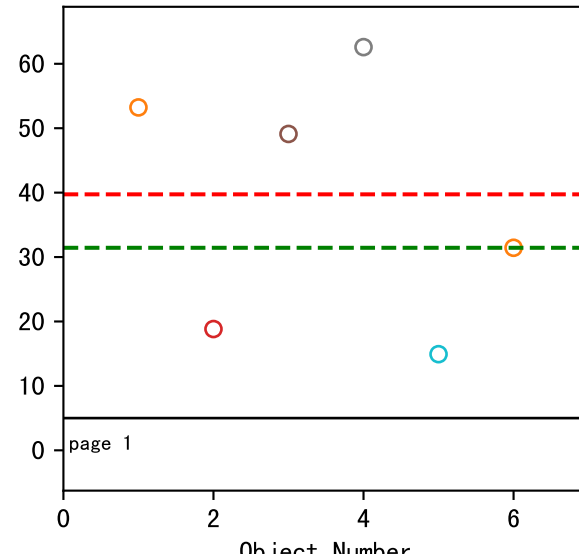
avg1=0.65 (fail) avg2=0.63

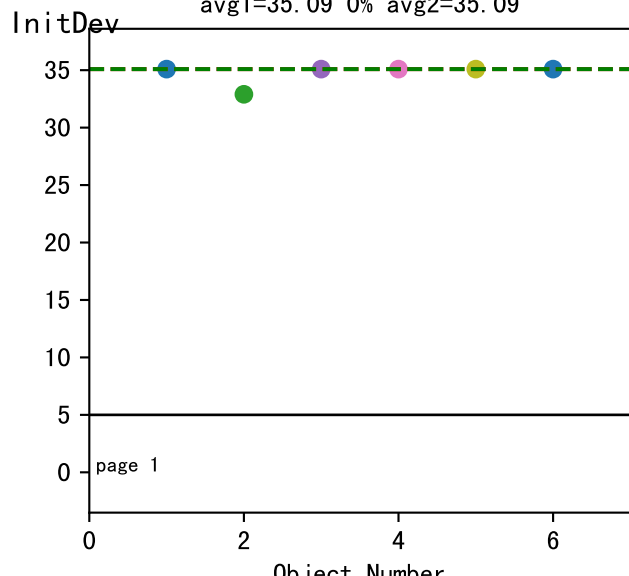
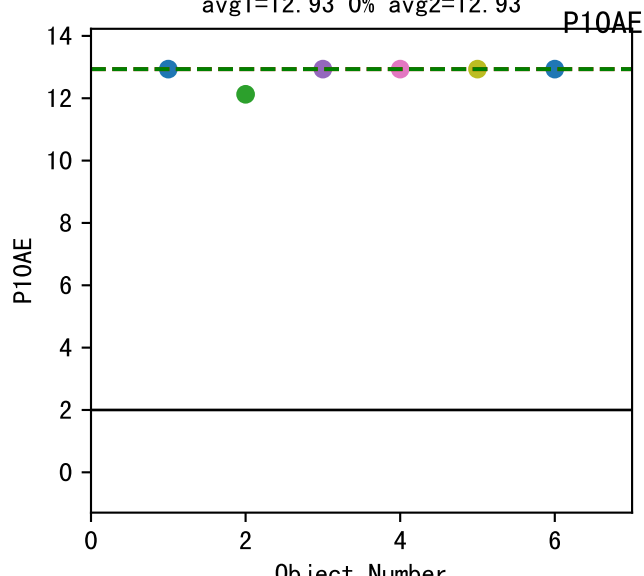


avg1=8.99 (fail) avg2=11.59

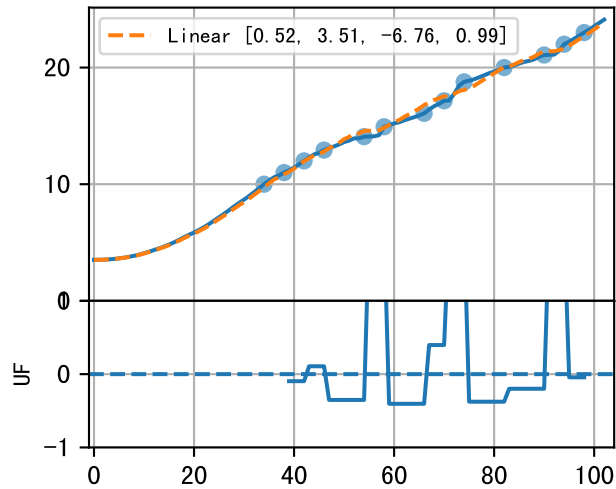


avg1=39.73 (fail) avg2=31.44

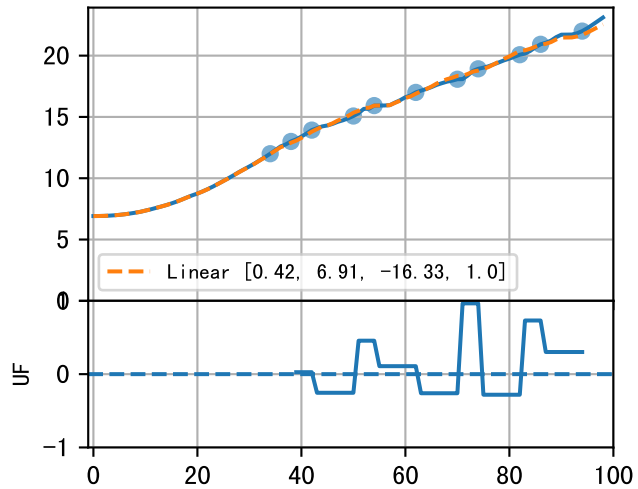




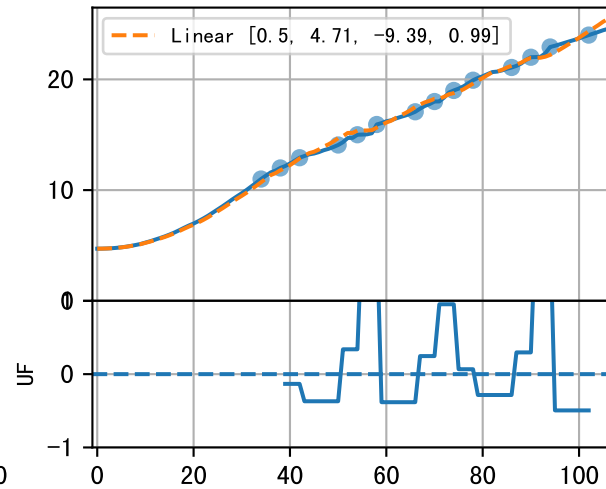
P10AE-081-12



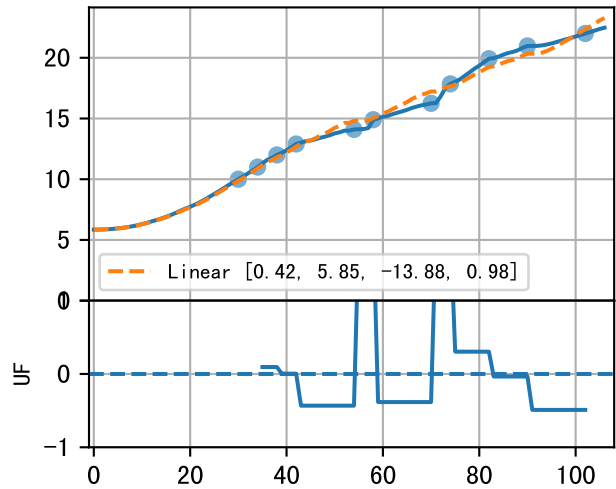
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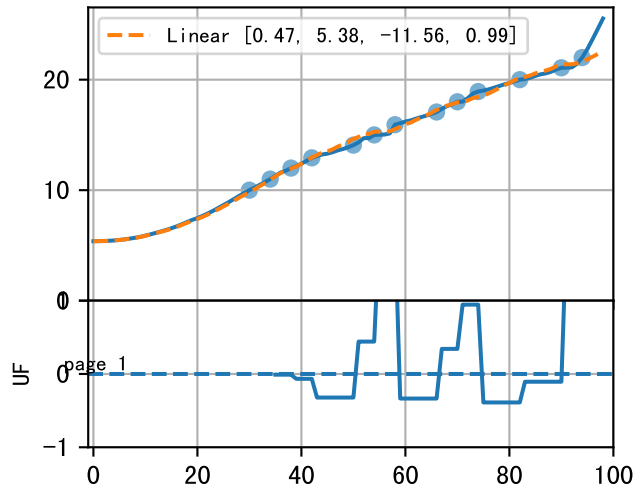
P10AE-095-20



P10AE-103-32

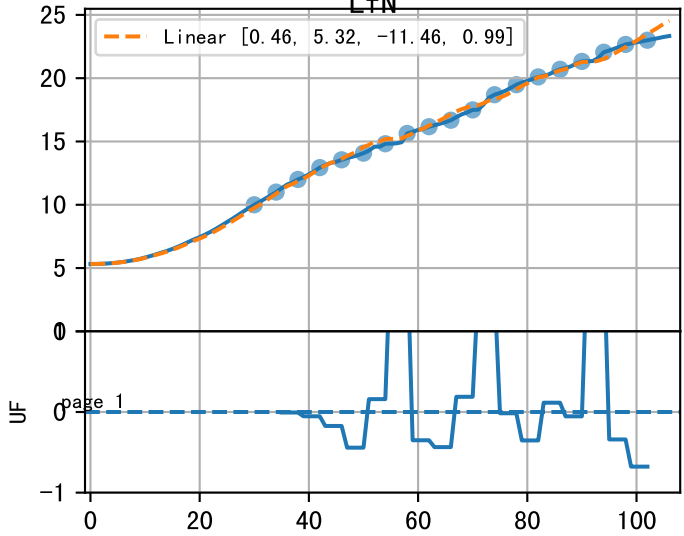


P10AE-114-7

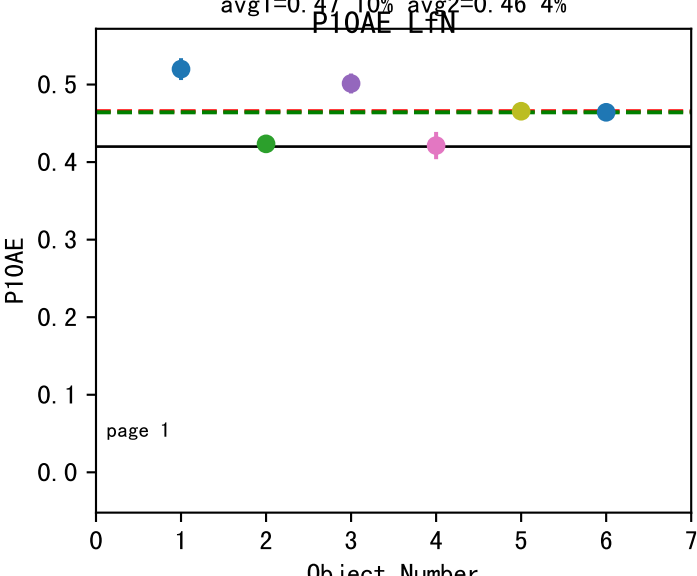


PTUARavg
LfN

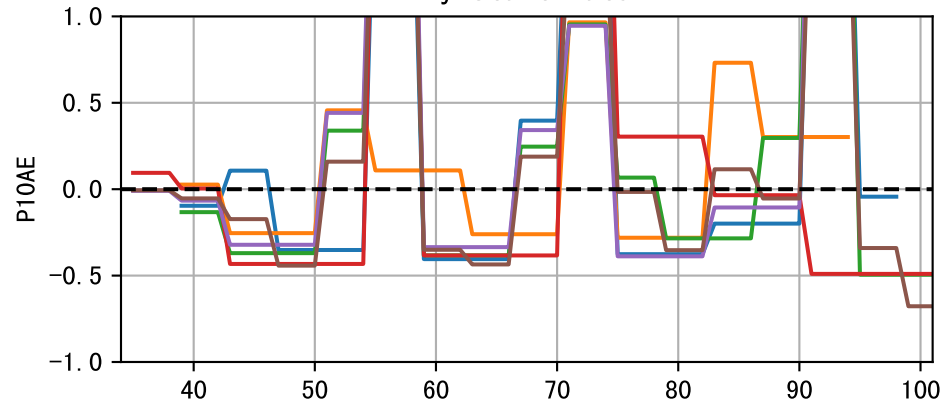
Linear [0.46, 5.32, -11.46, 0.99]



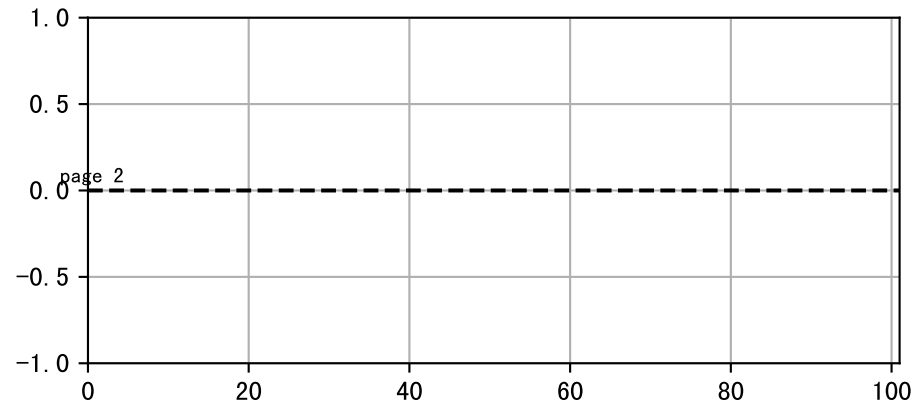
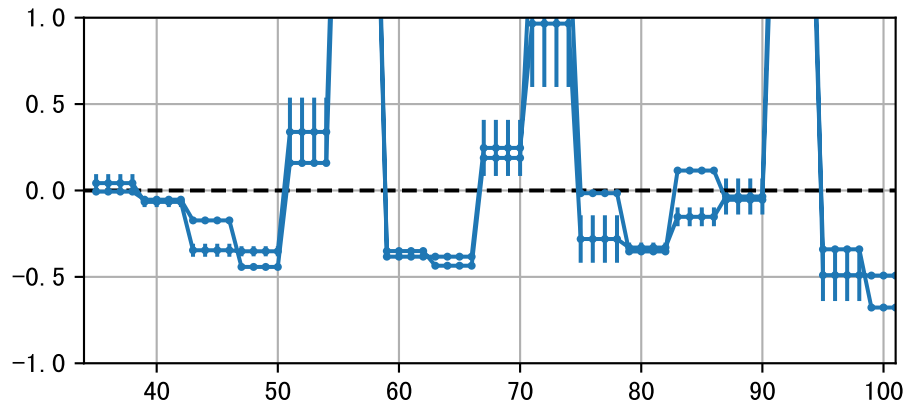
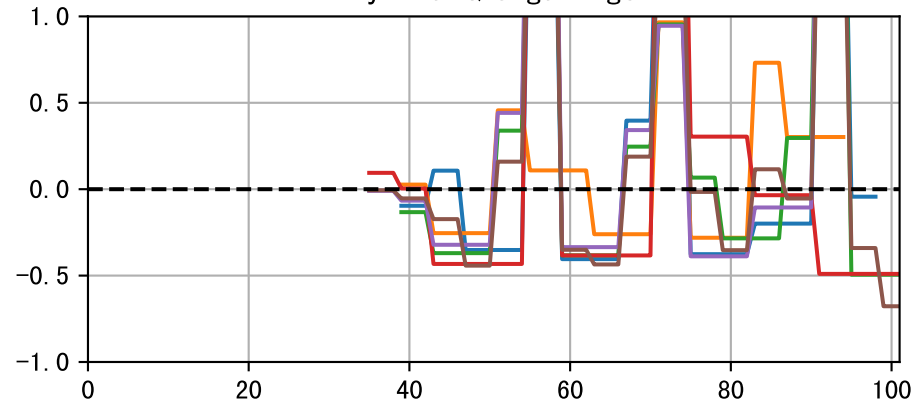
UF
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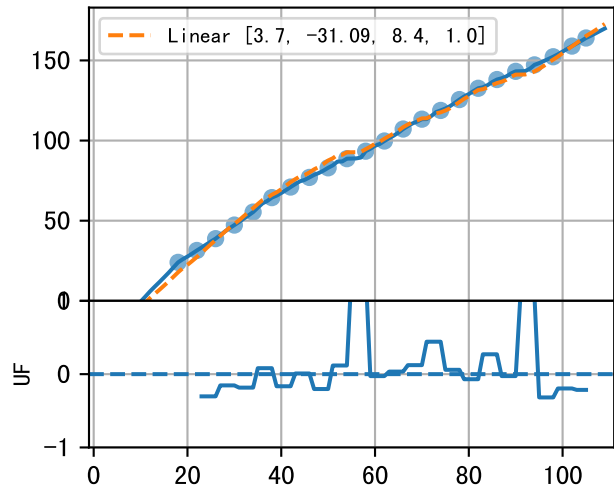
By Start Date



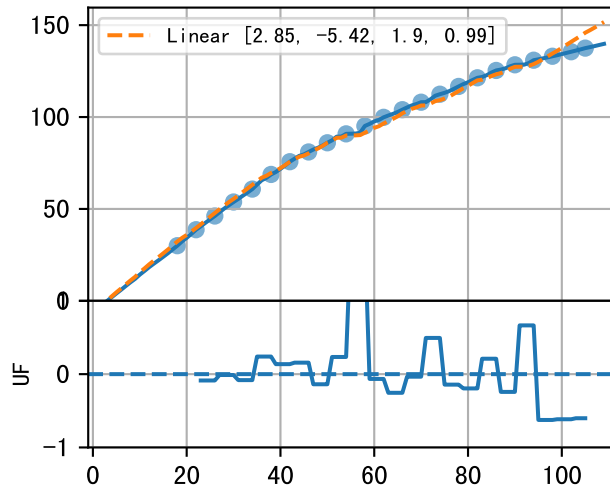
By Plant/Organ Age



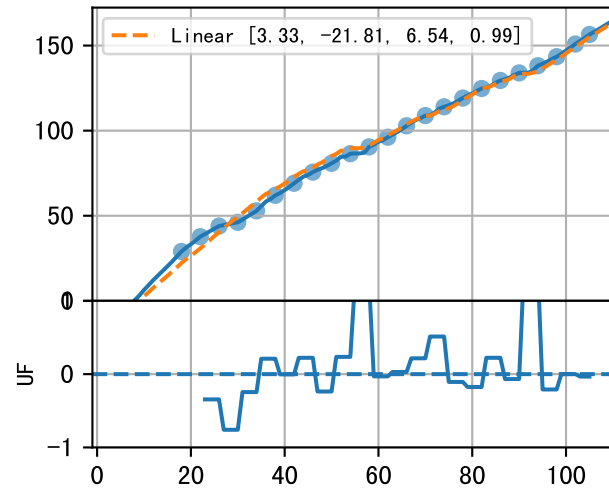
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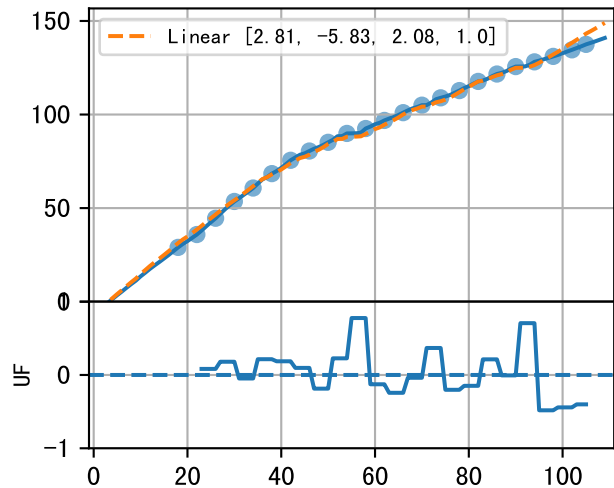
P10AE-087-27



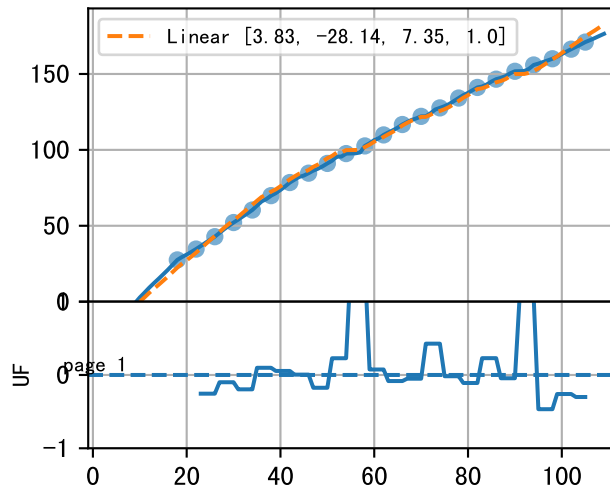
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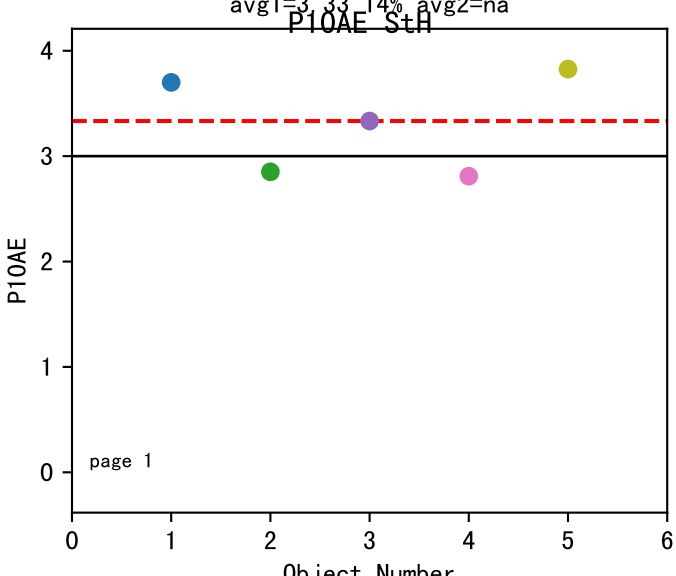


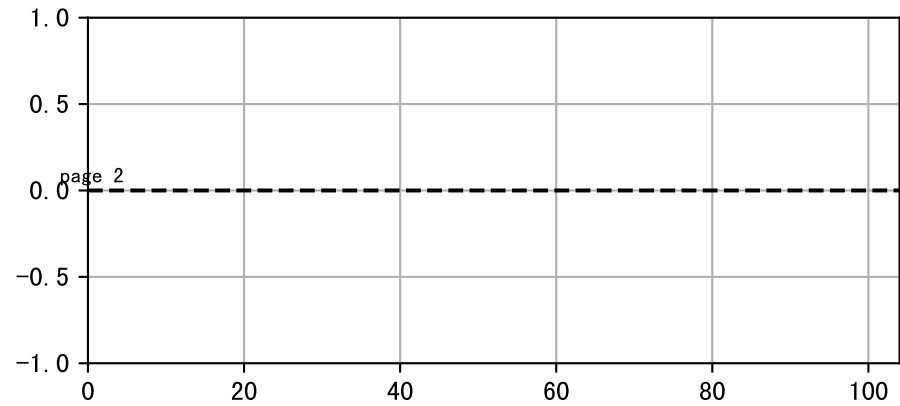
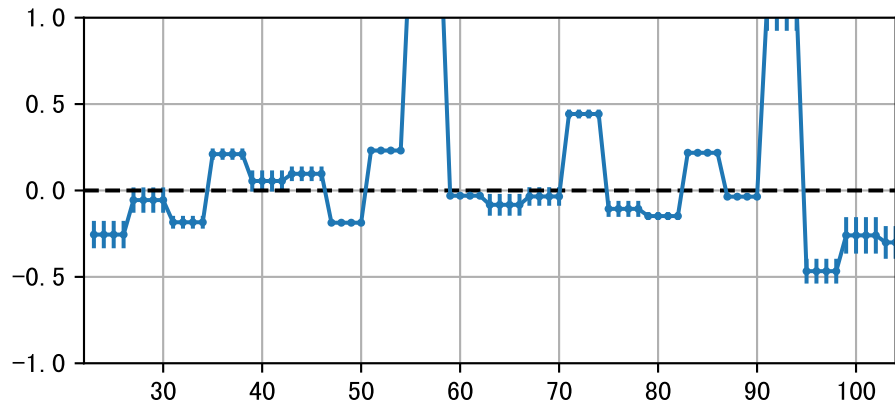
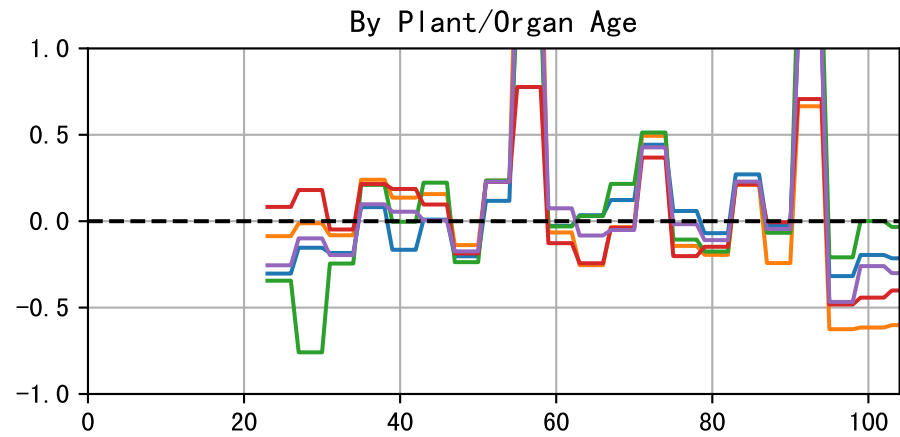
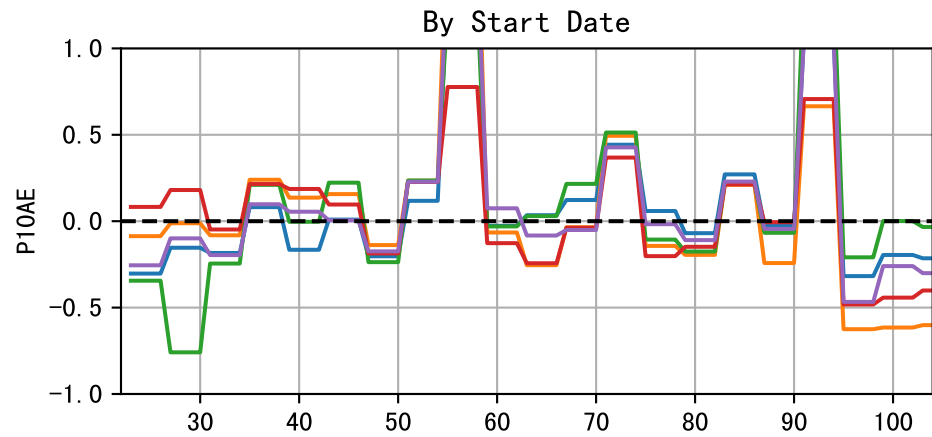
P10AE-103-32



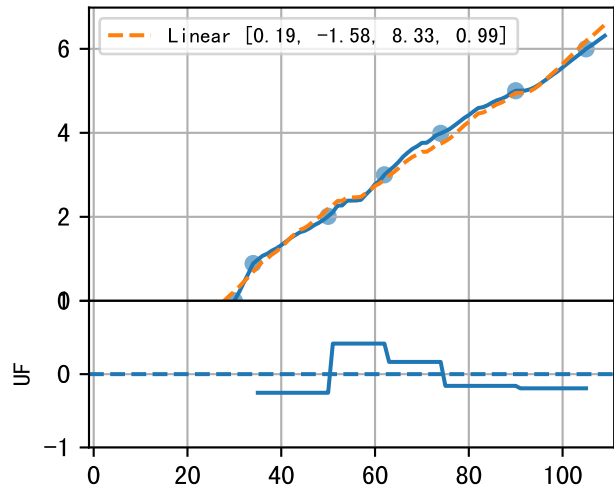
P10AE-114-7



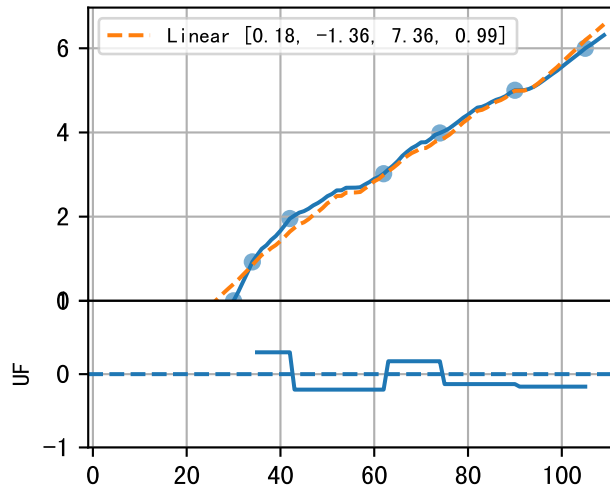




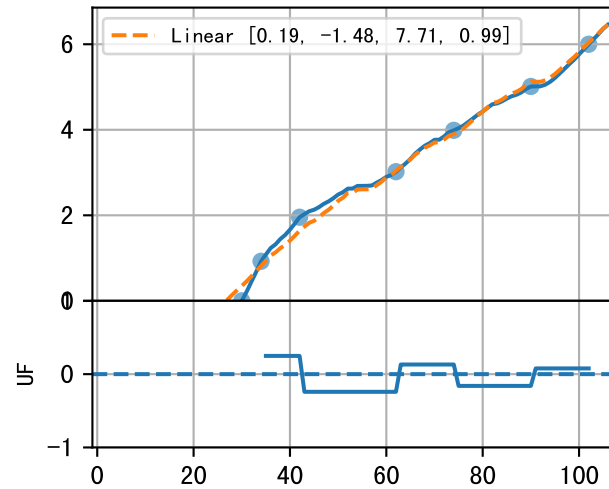
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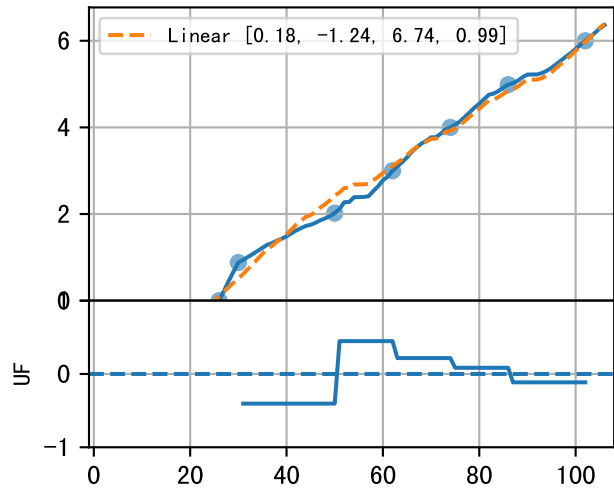
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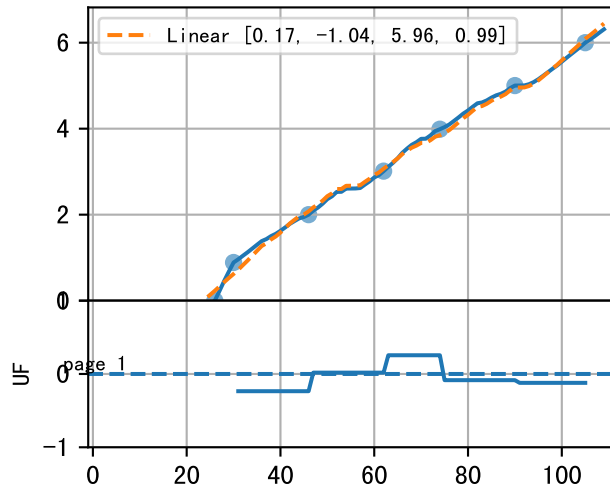
P10AE-095-20



P10AE-103-32

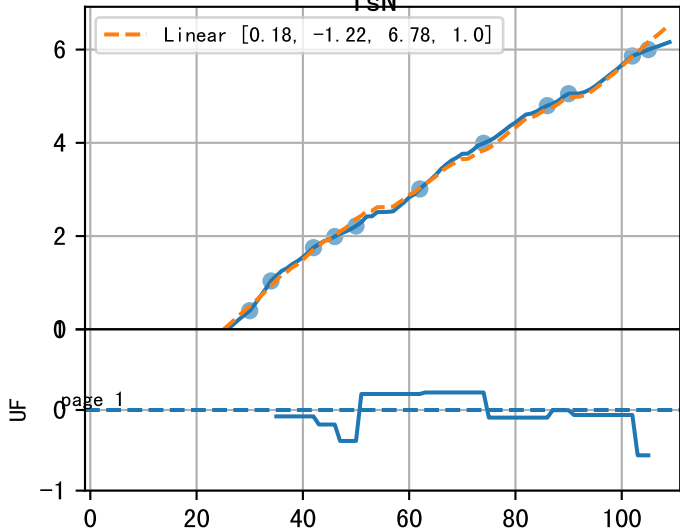


P10AE-114-7

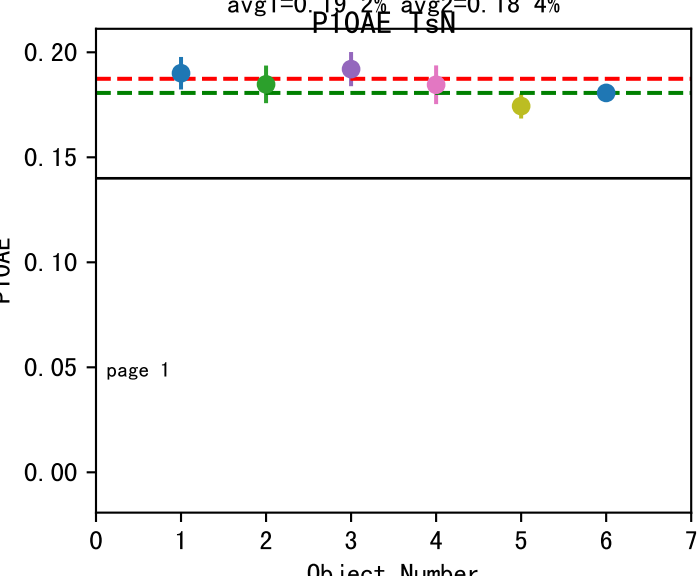


PTOARavg
TSN

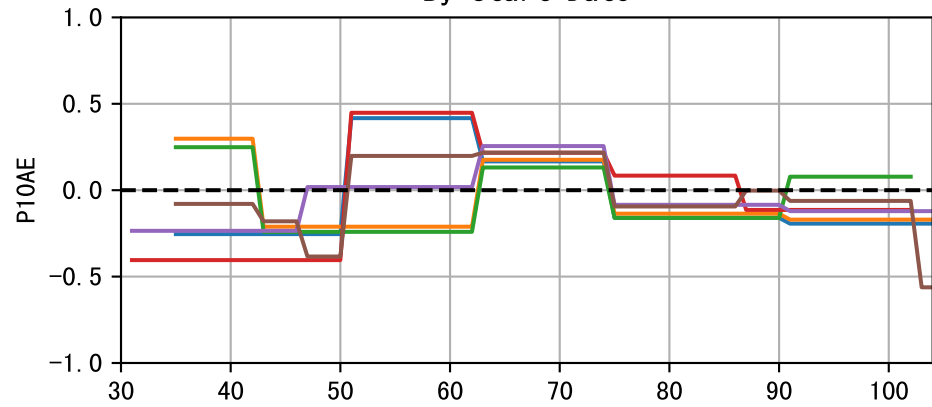
Linear [0.18, -1.22, 6.78, 1.0]



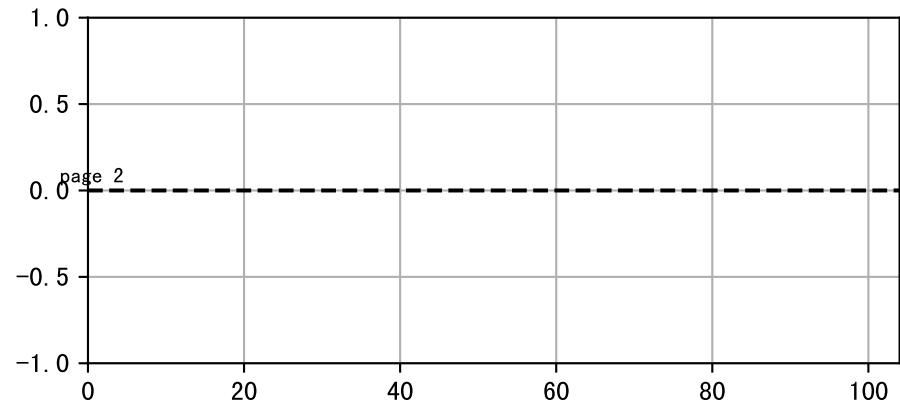
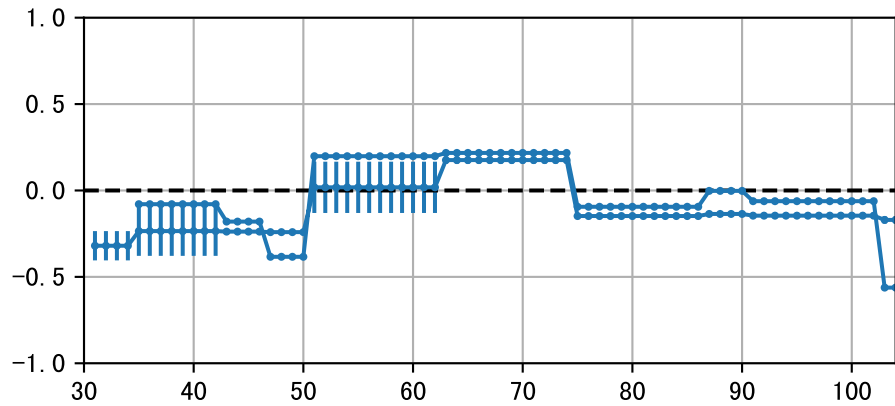
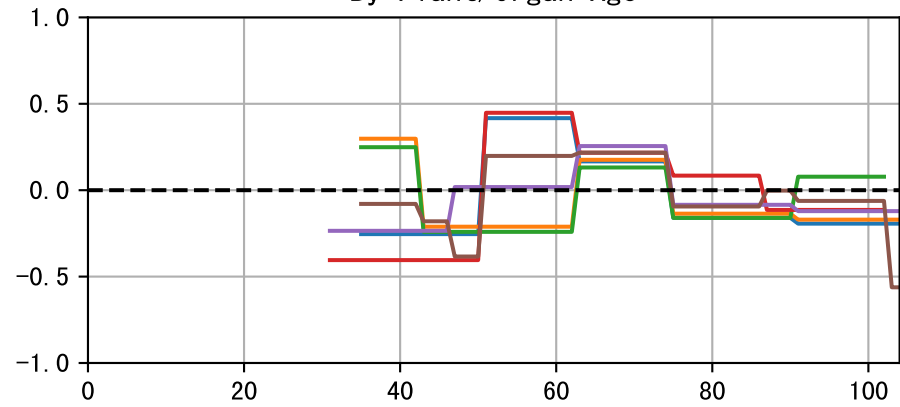
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By Start Date

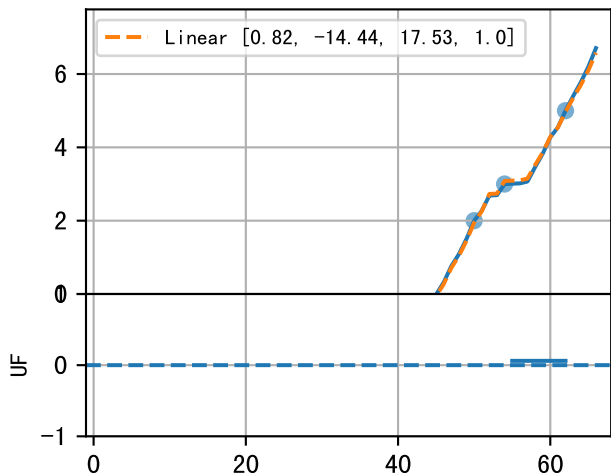


By Plant/Organ Age

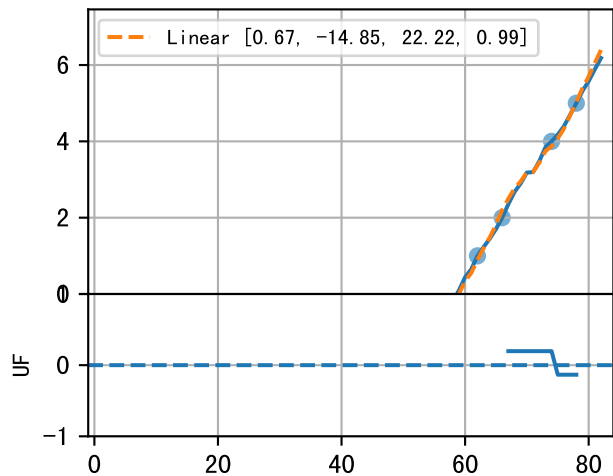


ErN

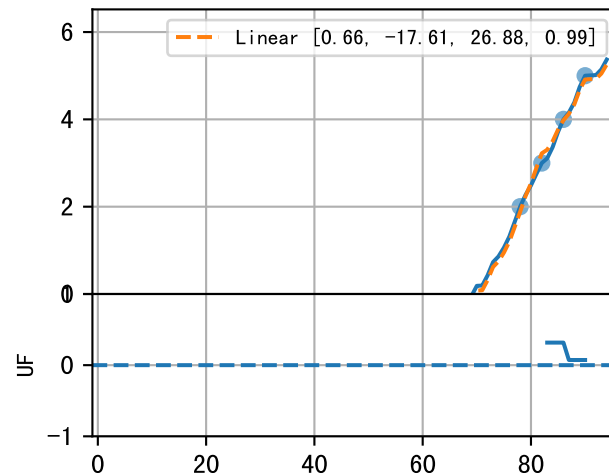
P10AE-081-12T1



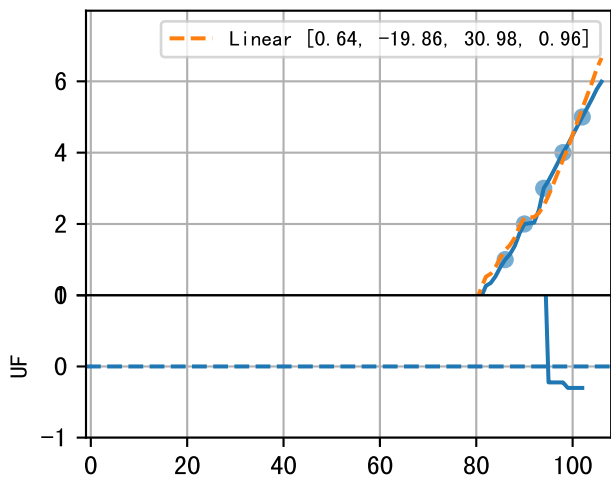
P10AE-081-12T2



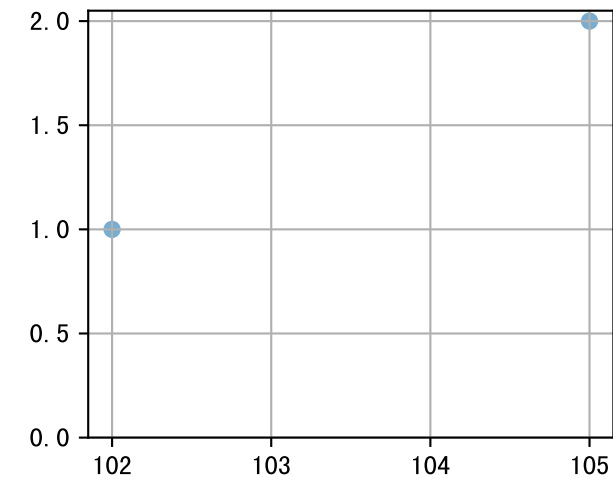
P10AE-081-12T3



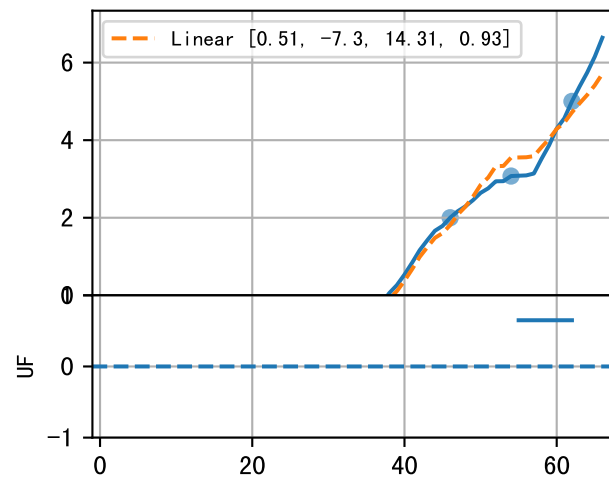
P10AE-081-12T4



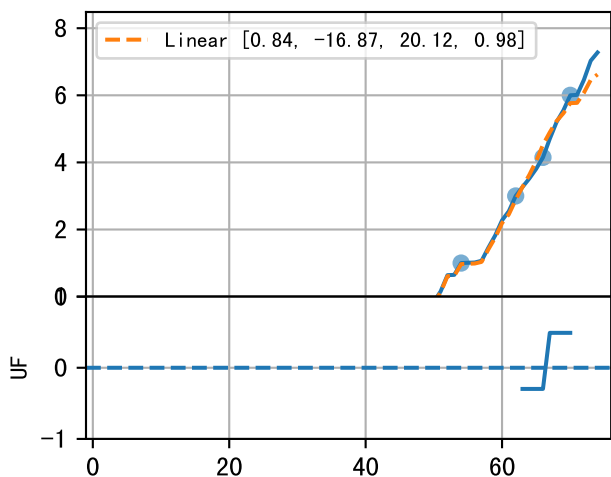
P10AE-081-12T5 (fit failed)



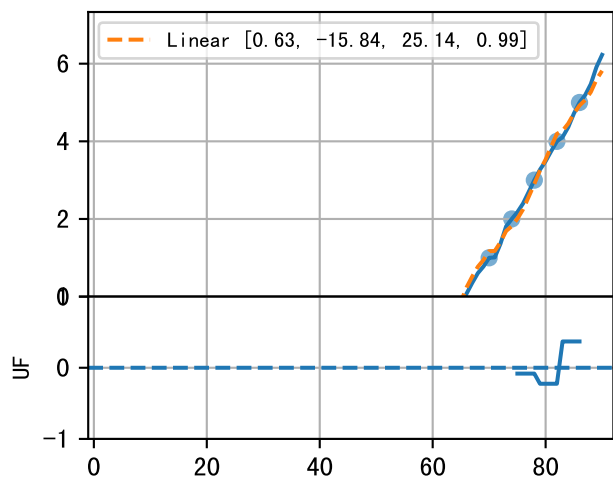
P10AE-087-27T1



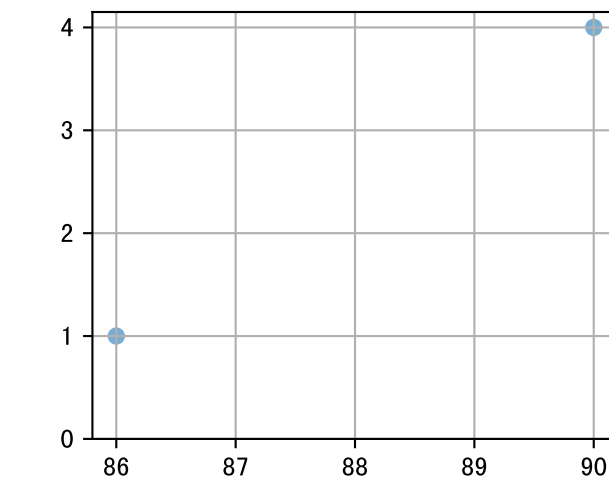
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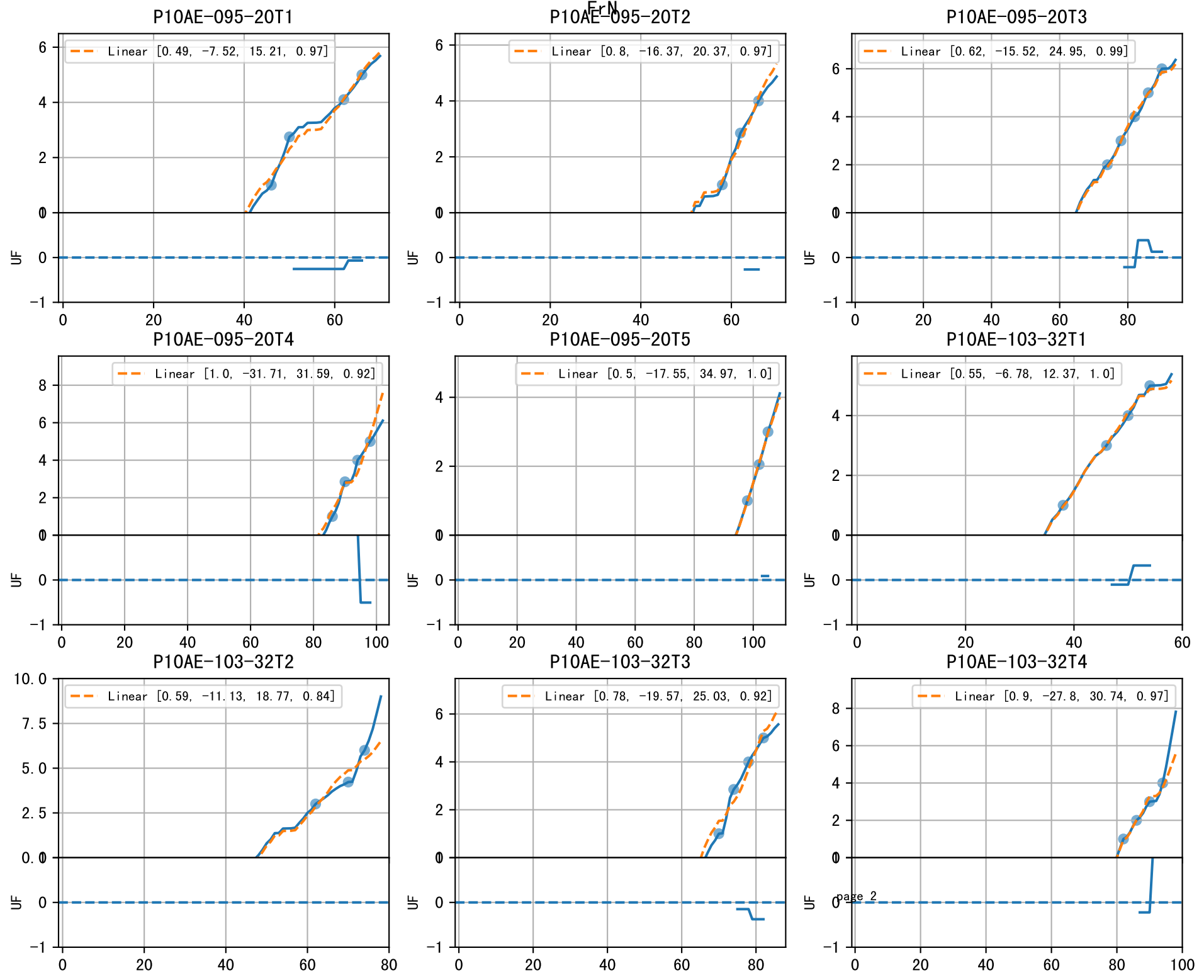


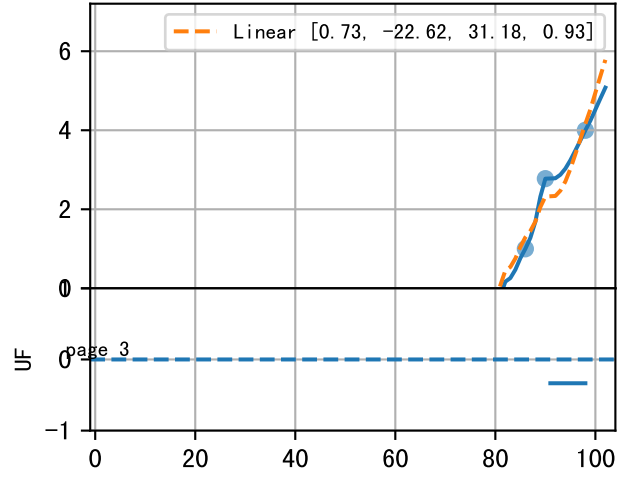
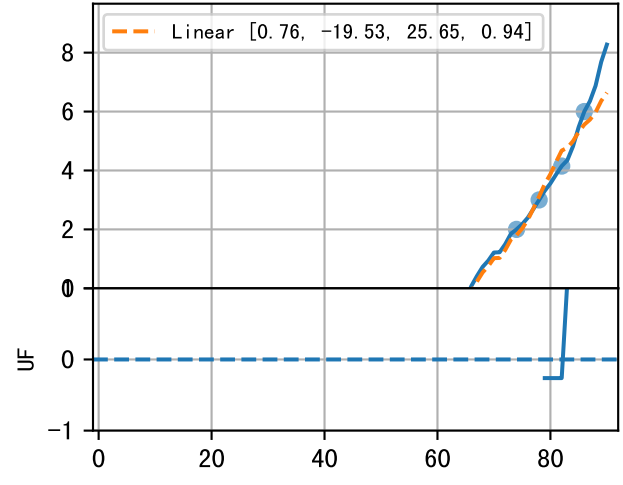
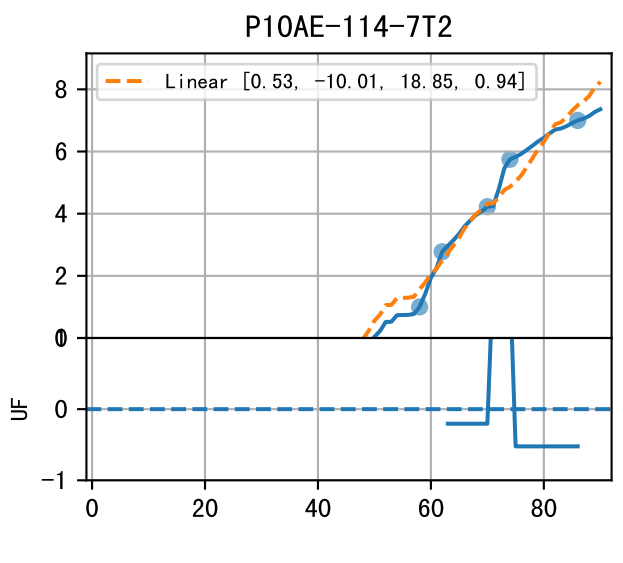
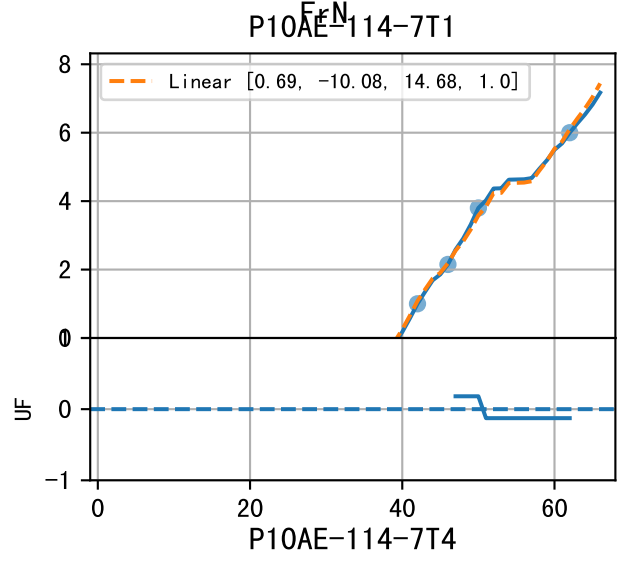
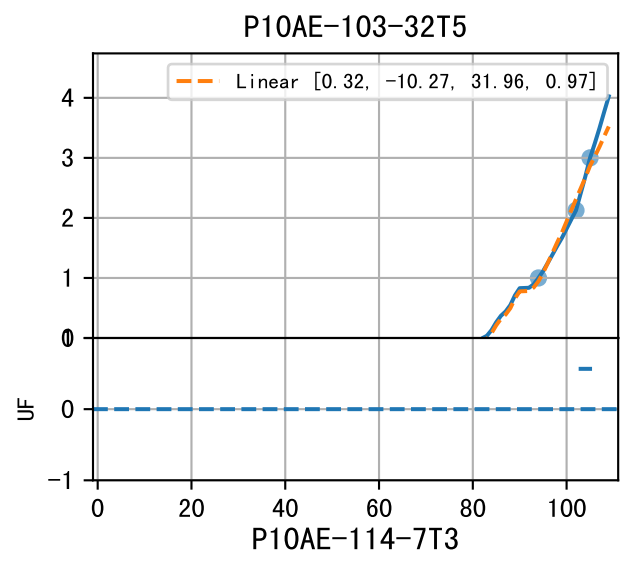
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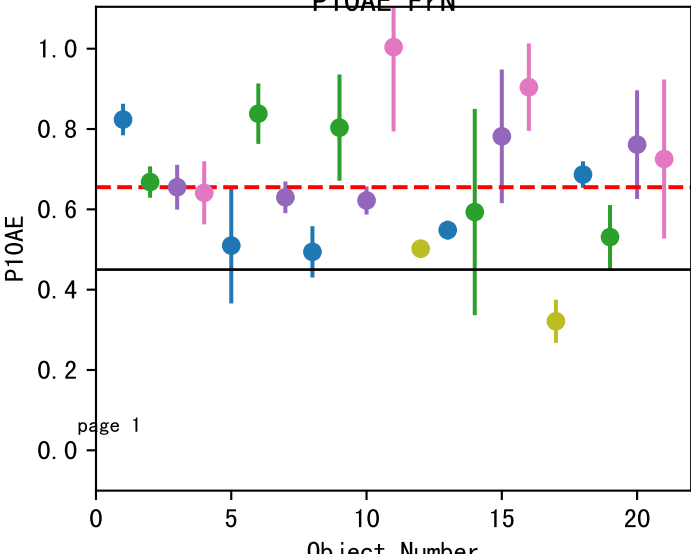
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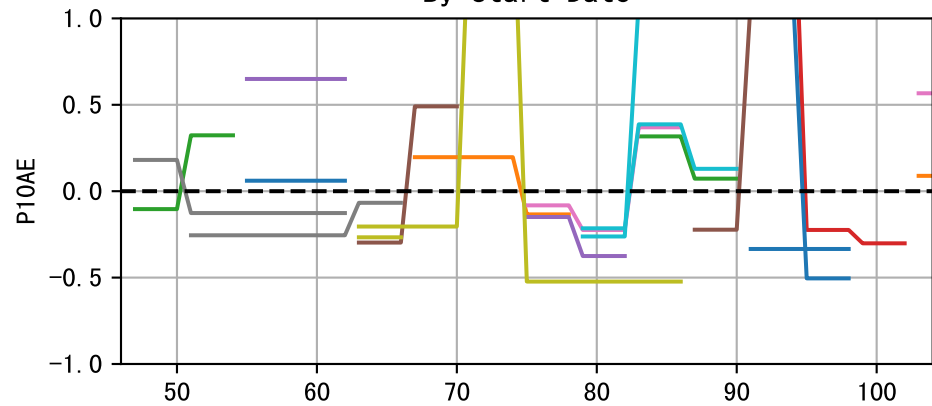




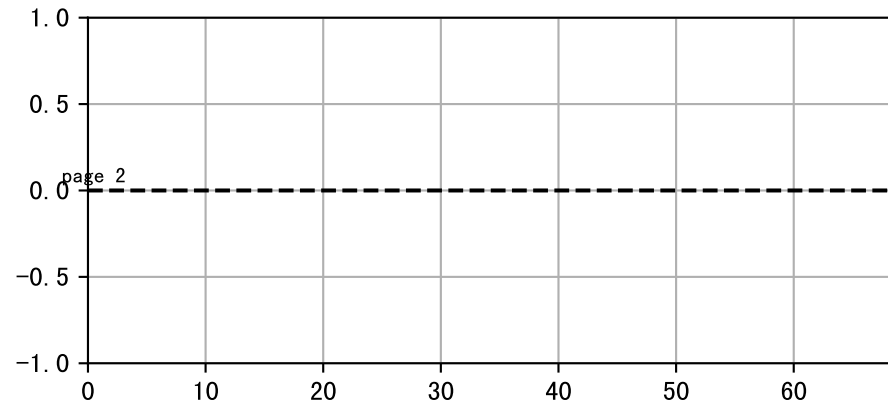
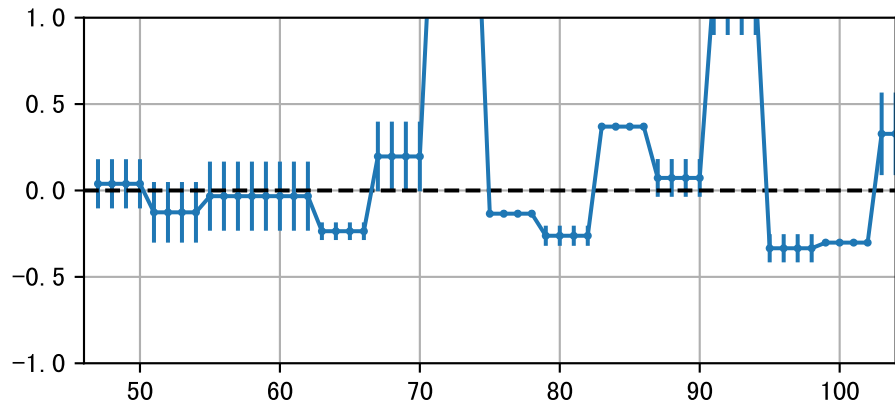
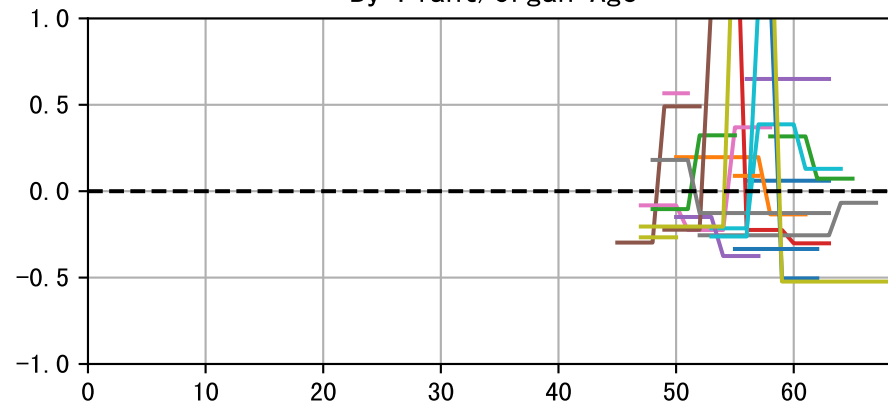
avg1=0.66 24% avg2=na
P10AE FrN



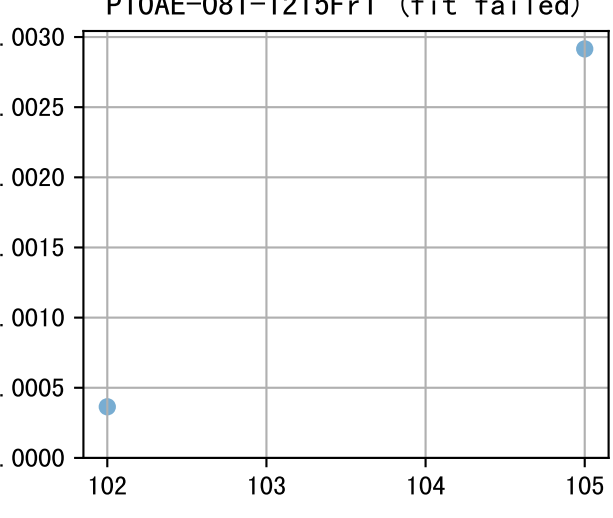
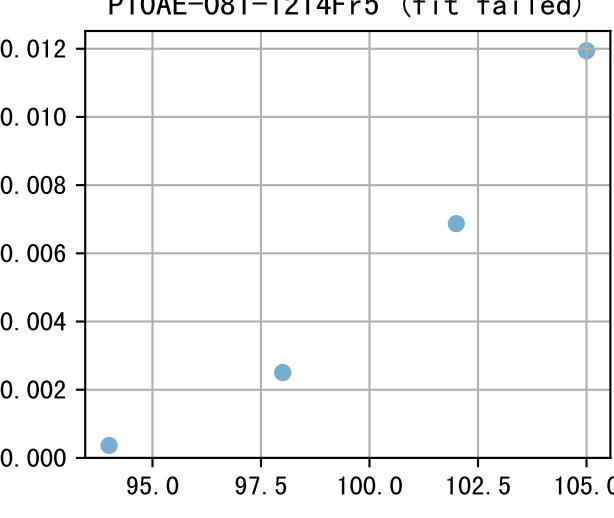
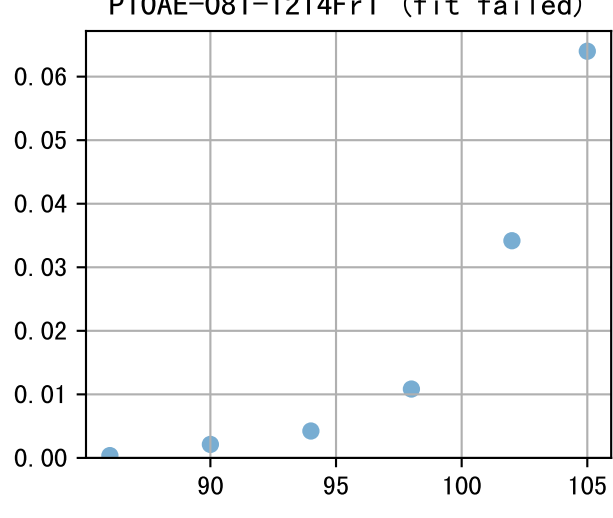
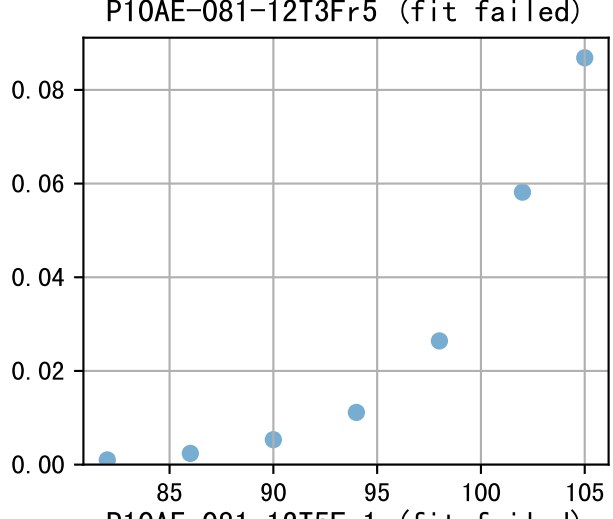
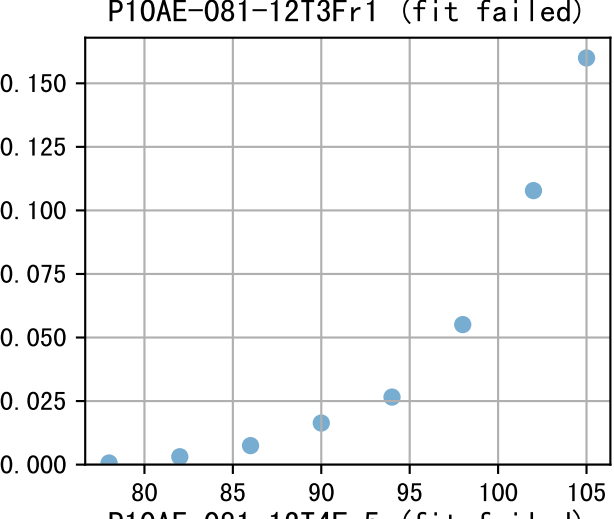
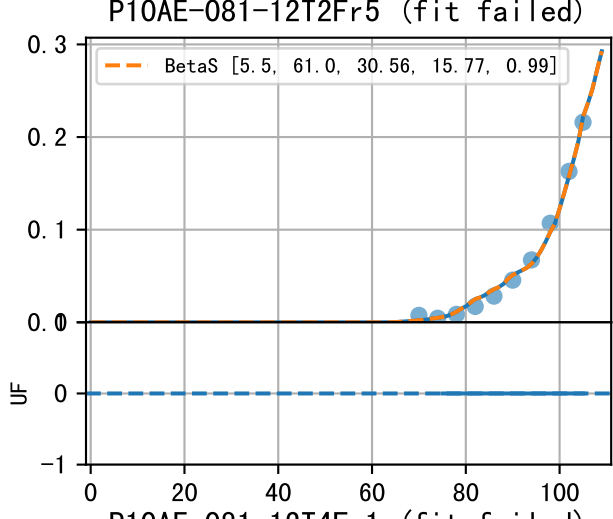
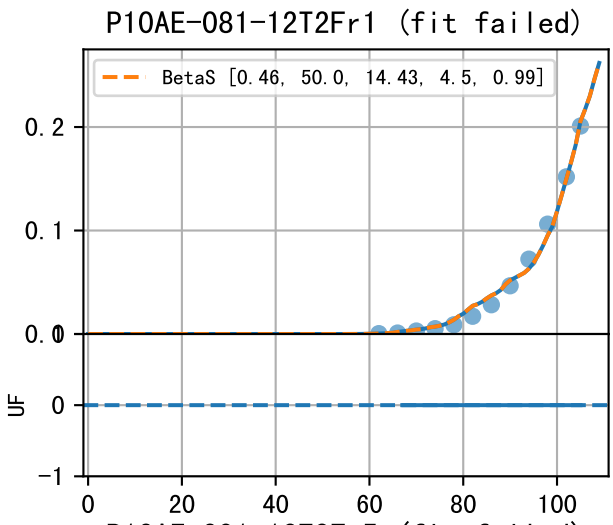
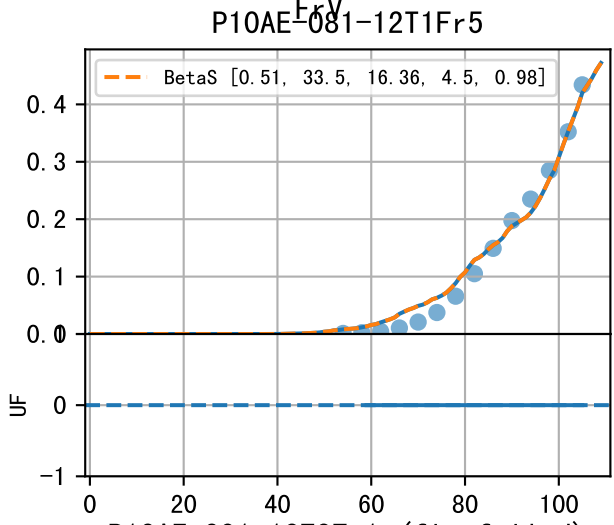
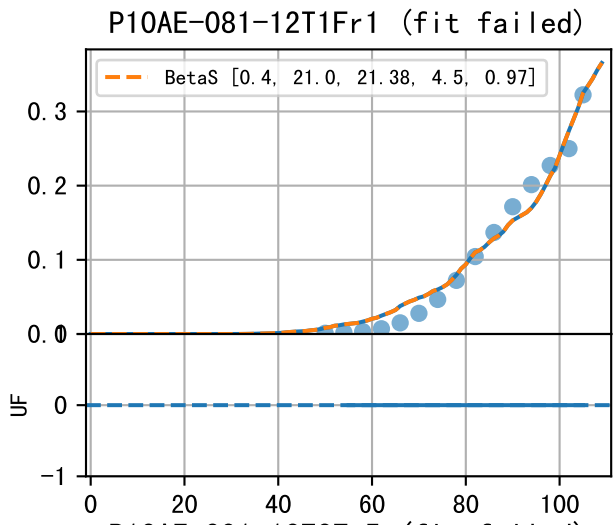
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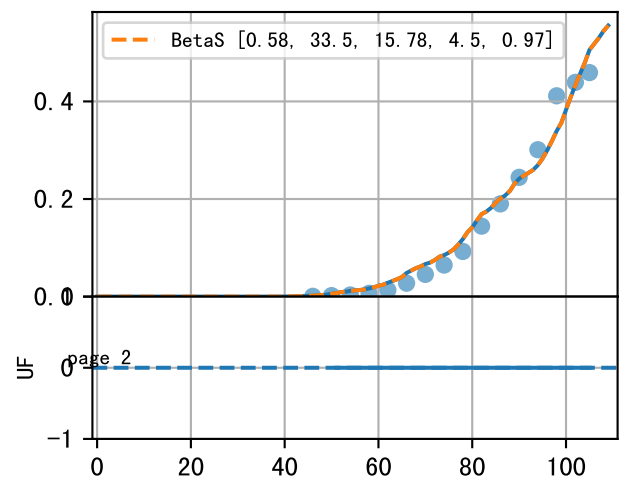
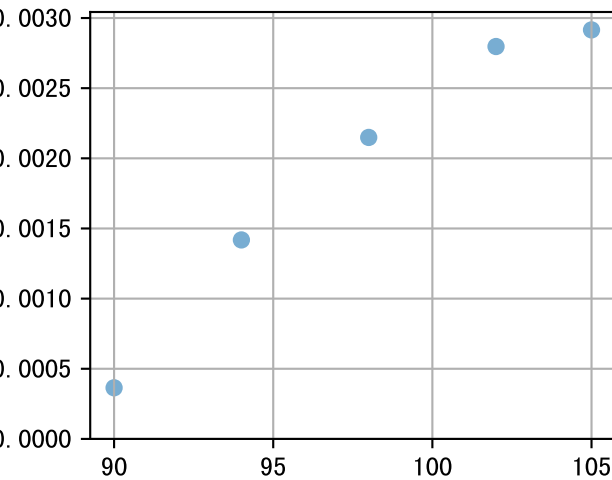
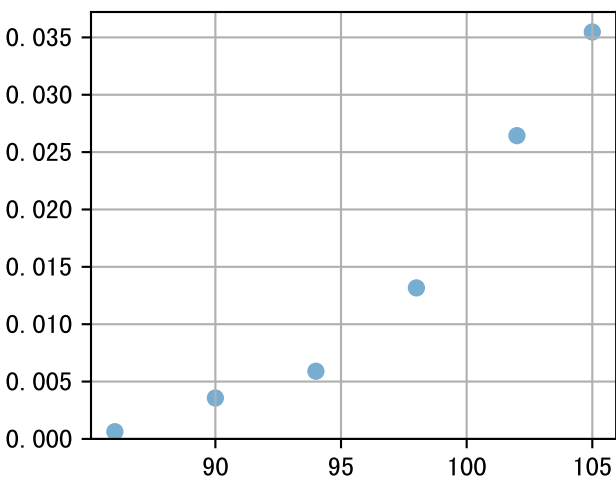
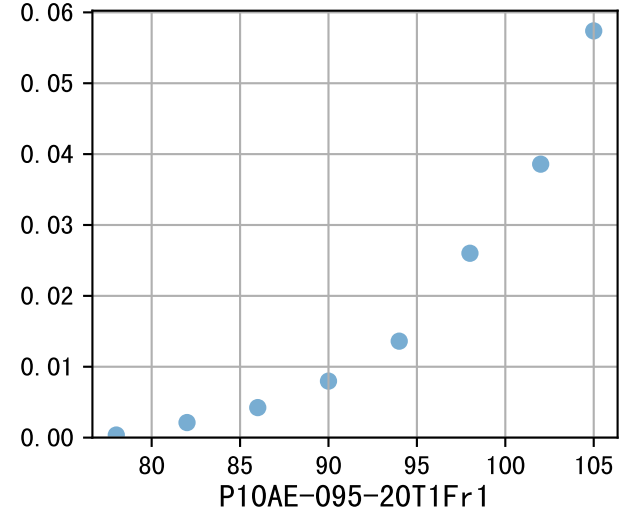
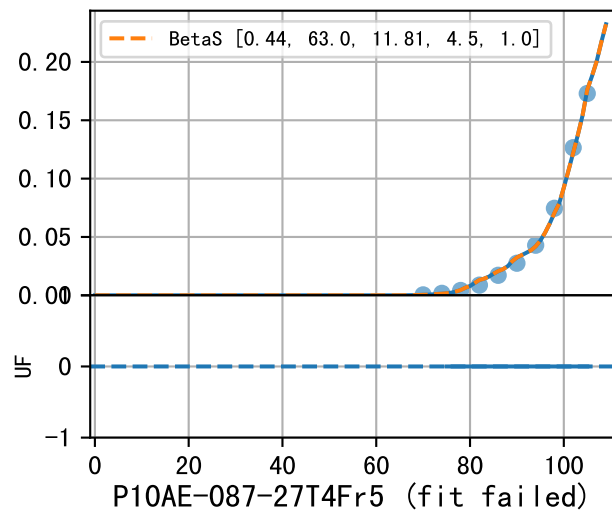
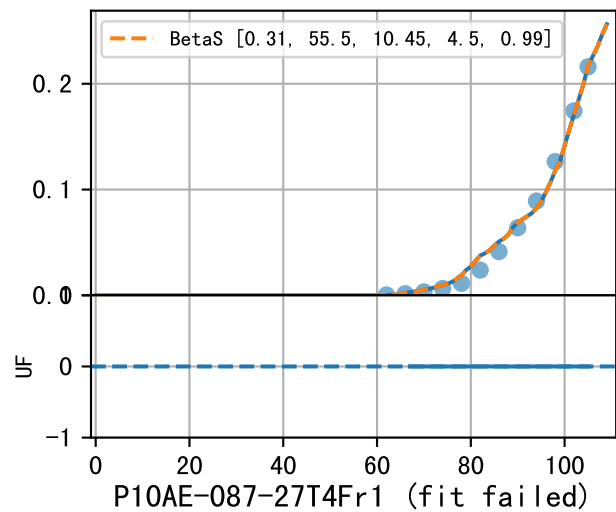
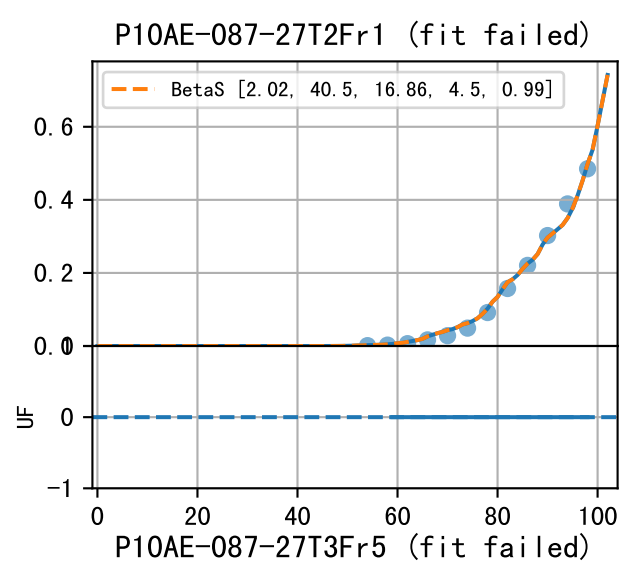
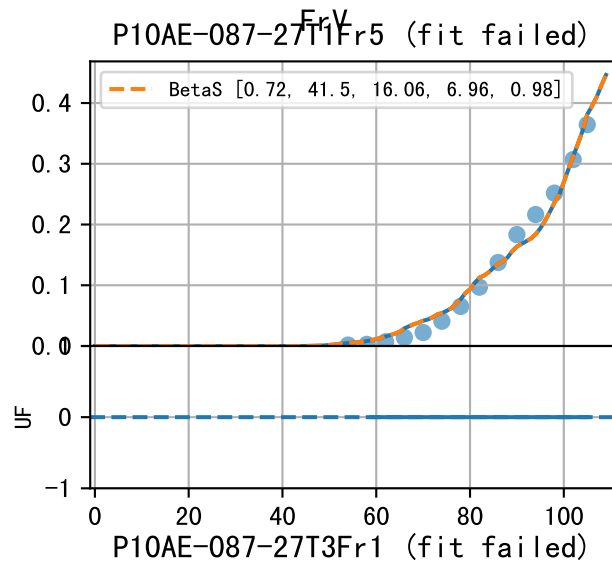
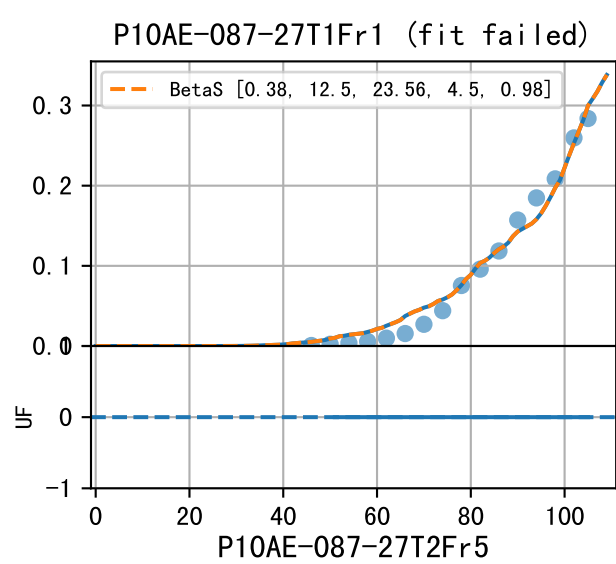


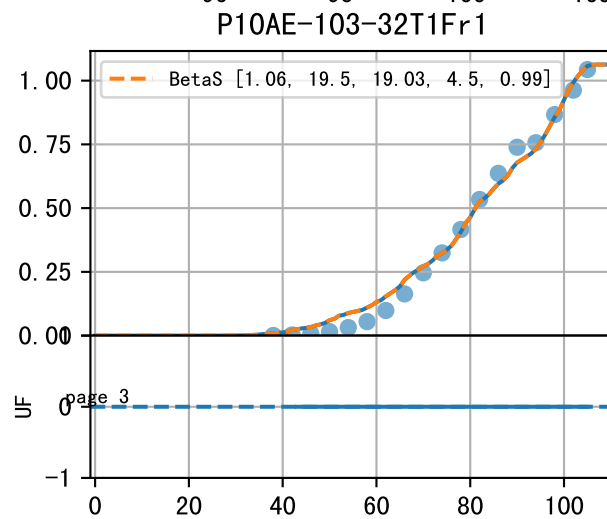
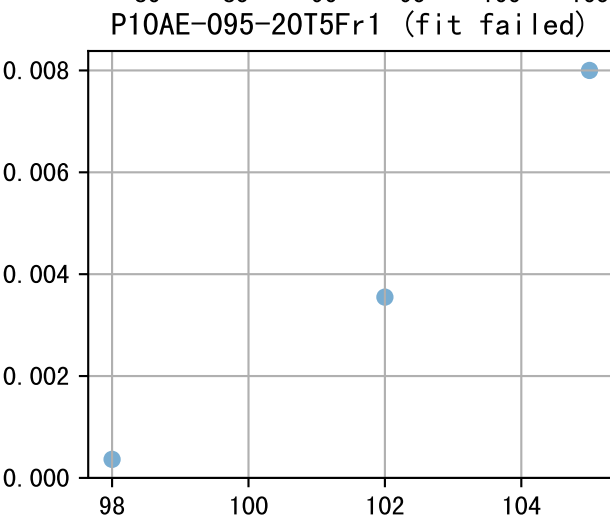
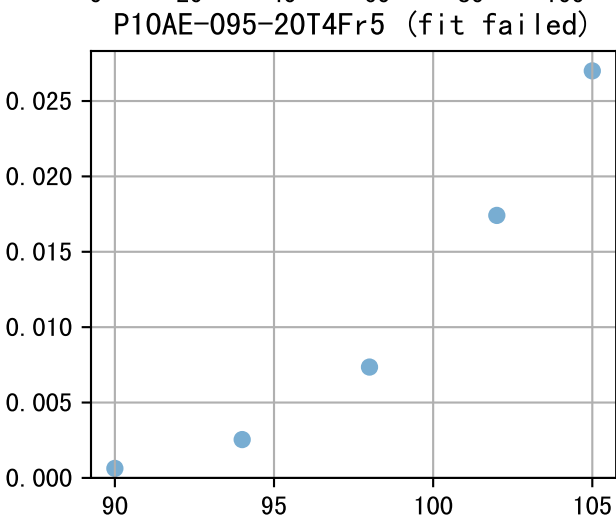
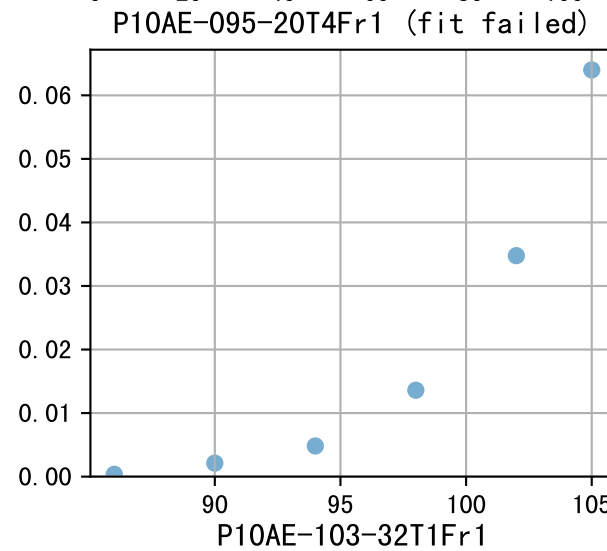
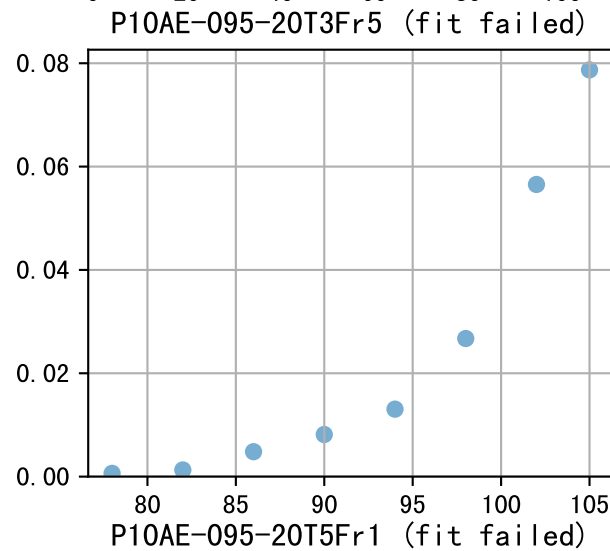
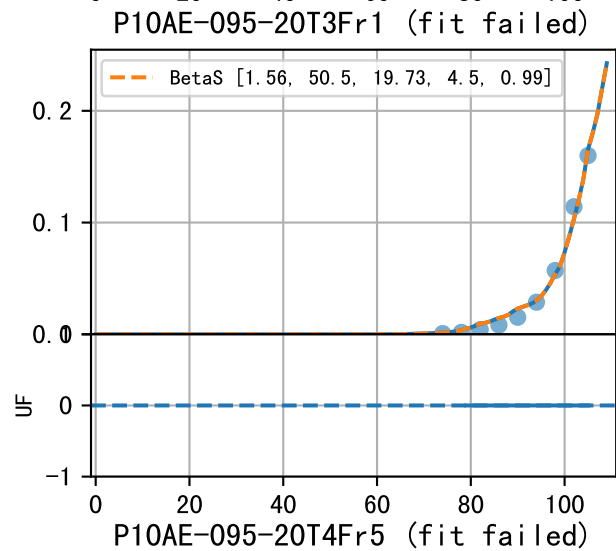
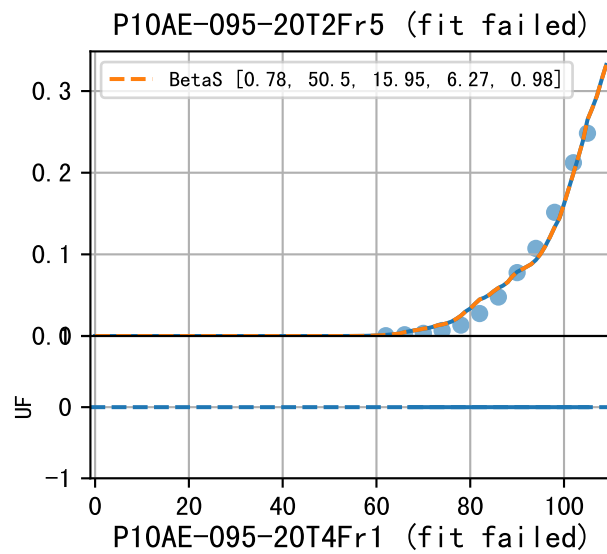
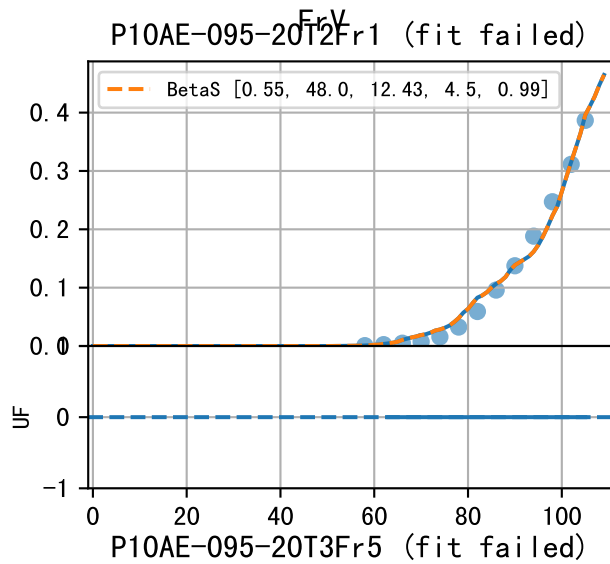
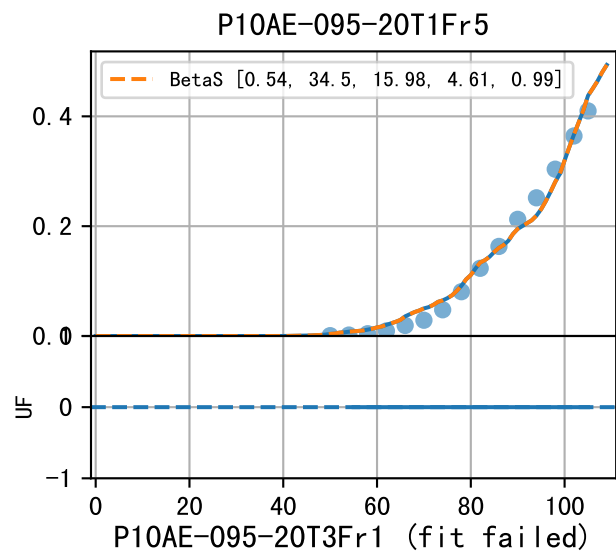
By Plant/Organ Age

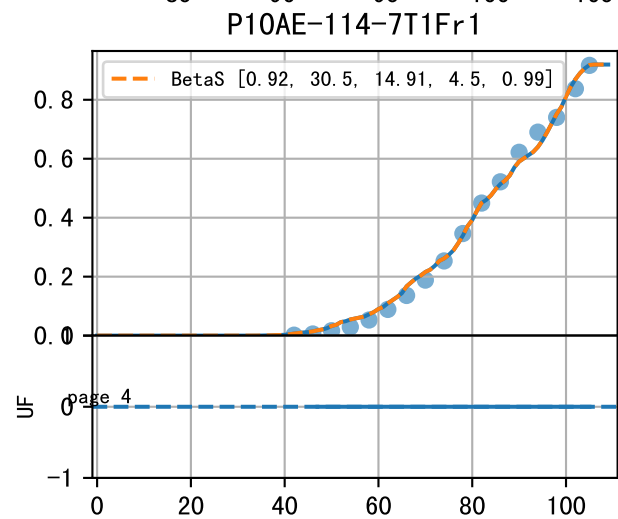
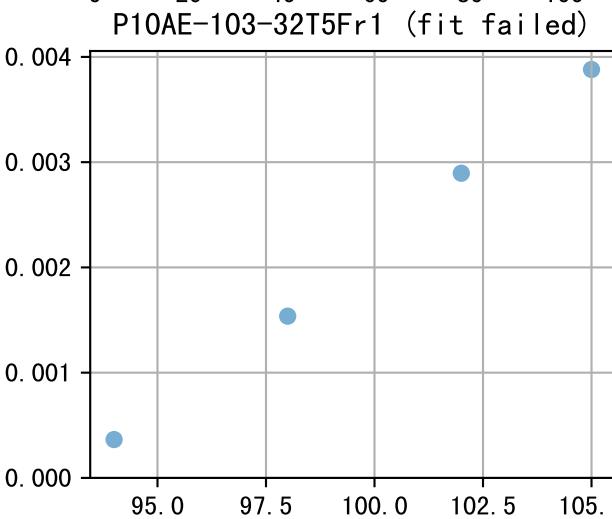
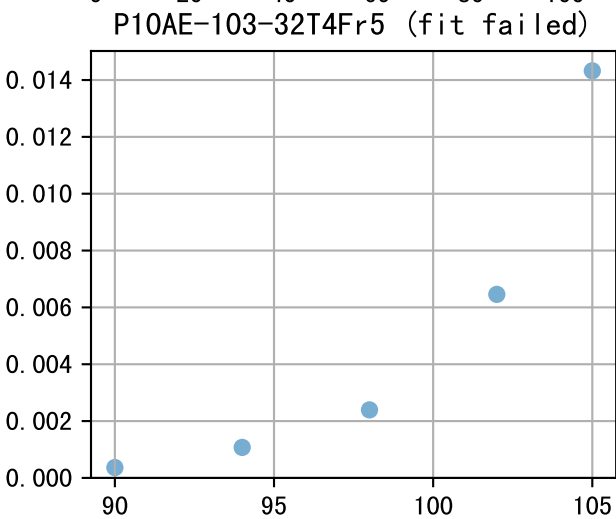
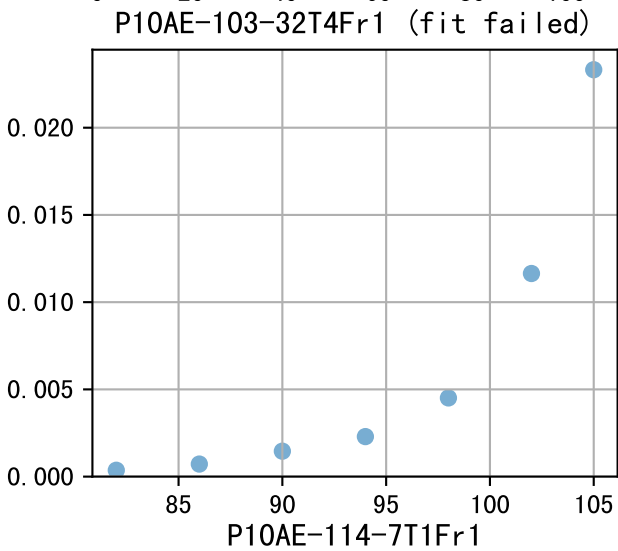
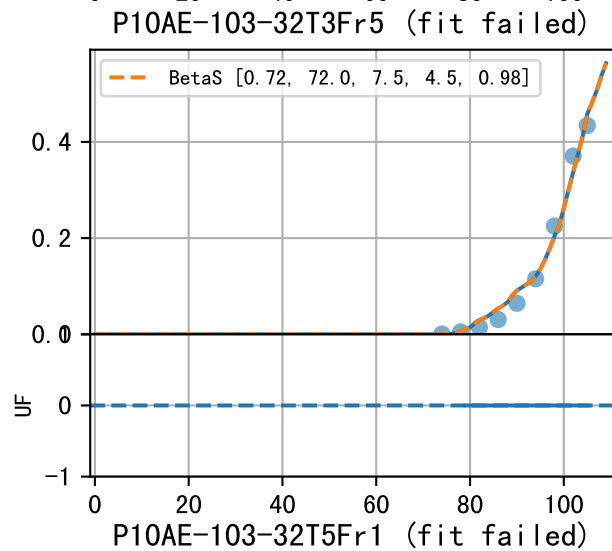
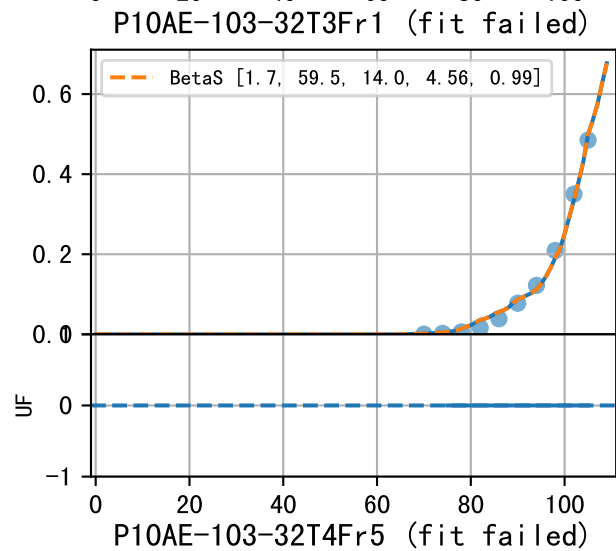
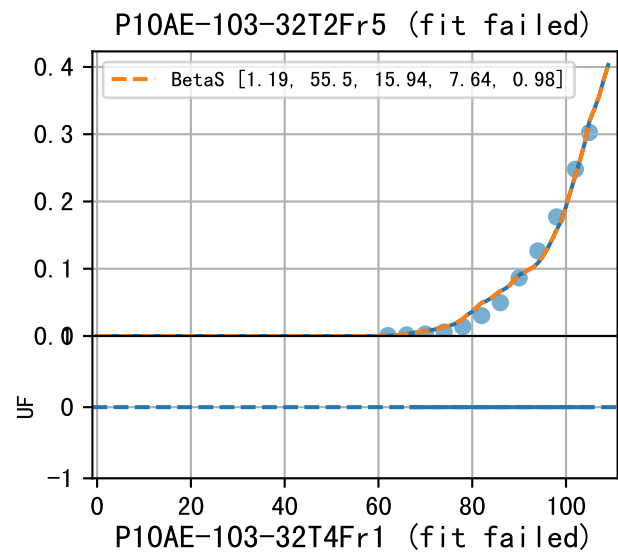
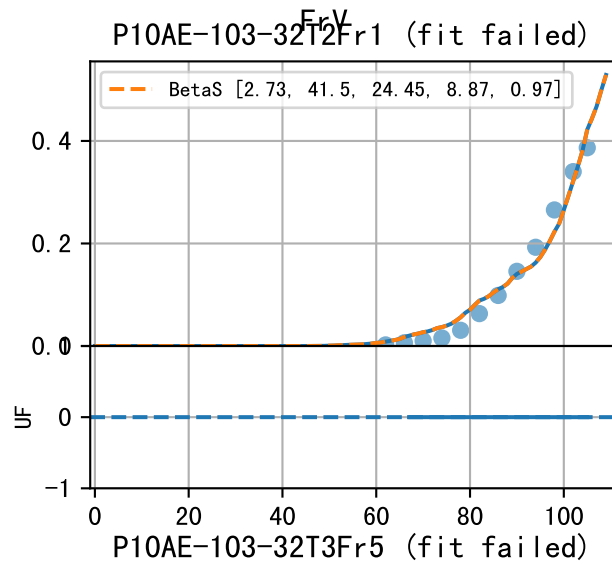
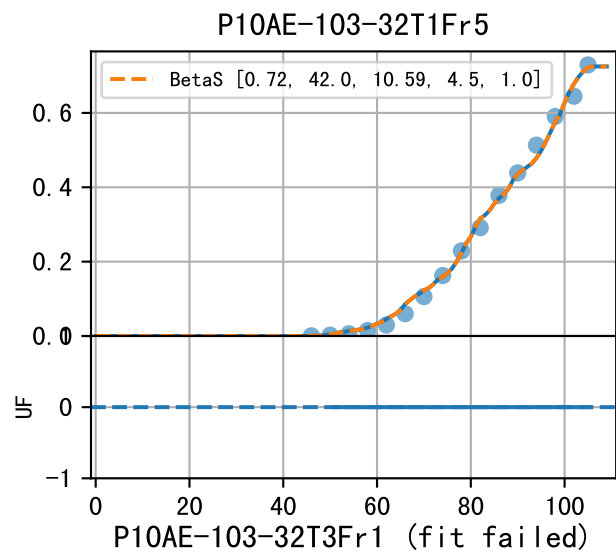


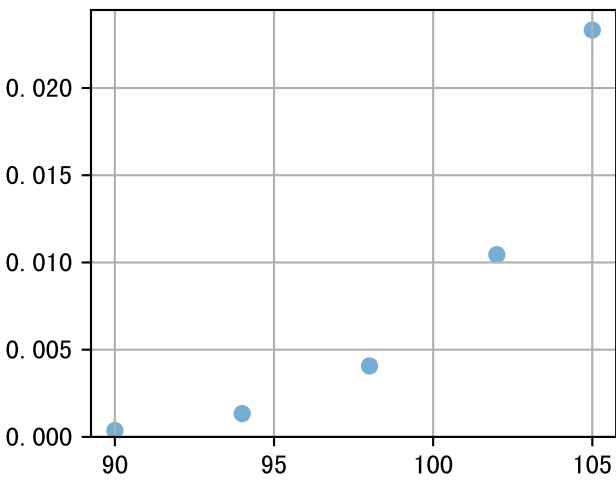
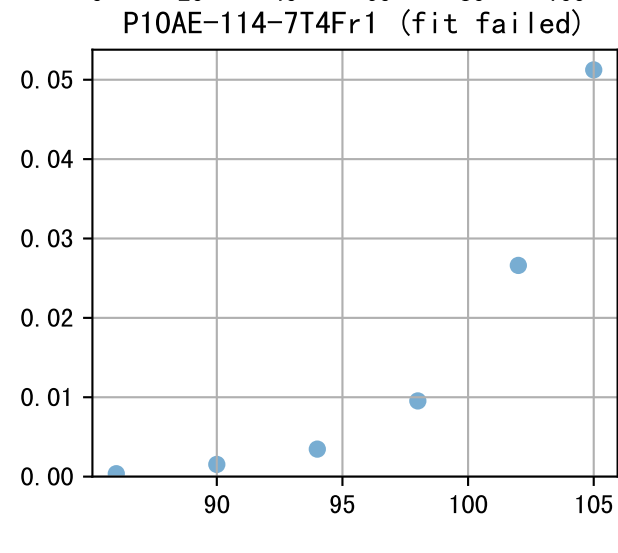
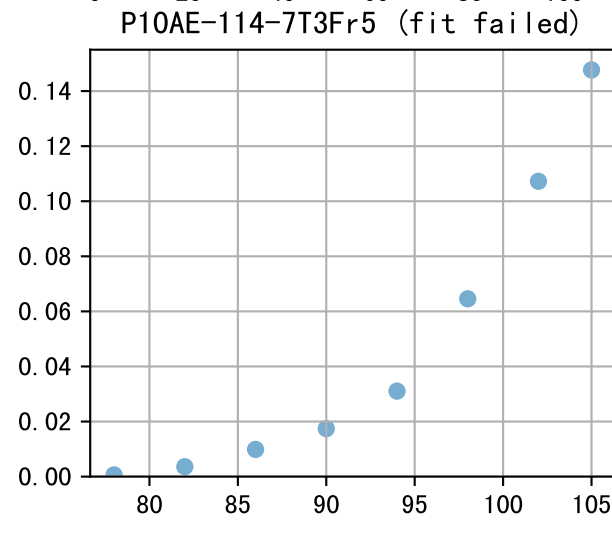
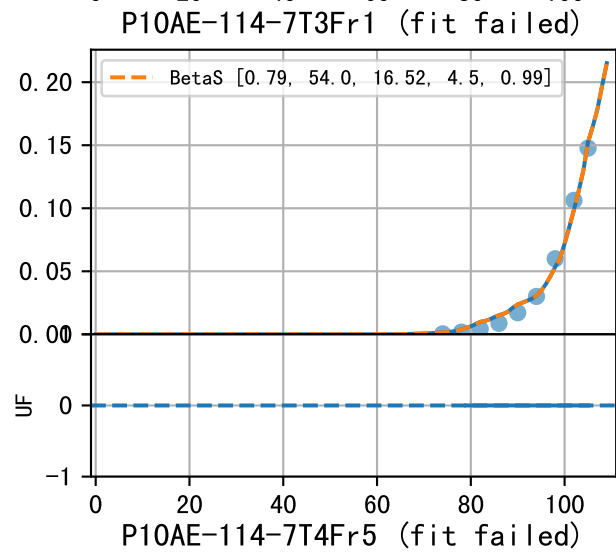
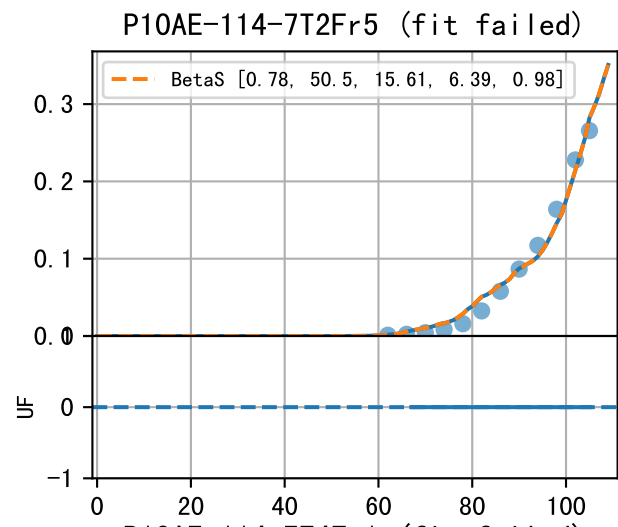
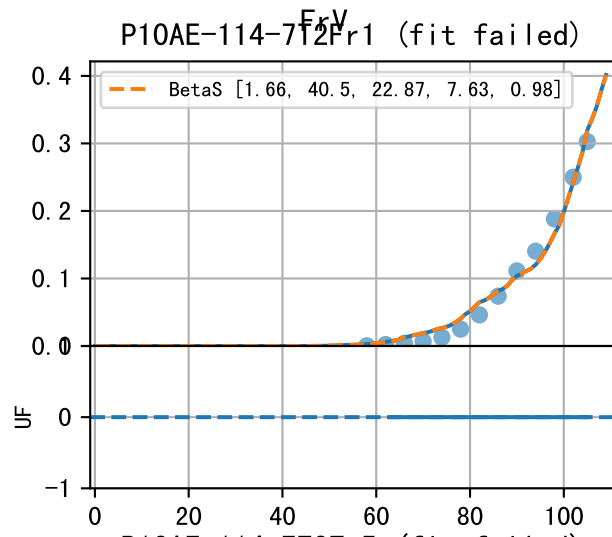
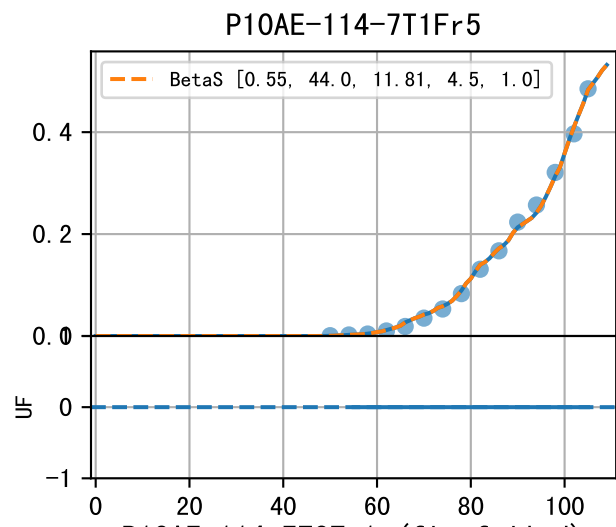
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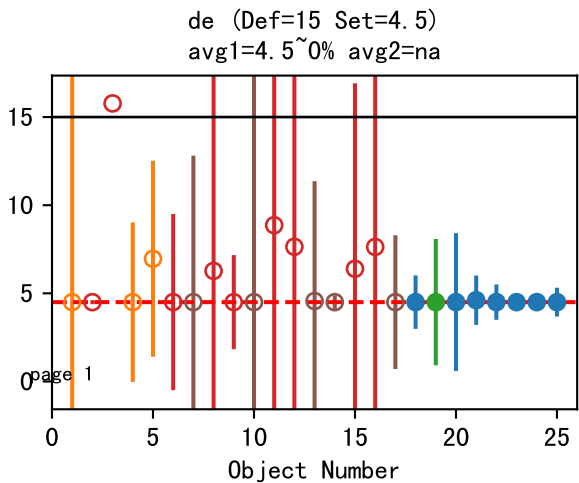
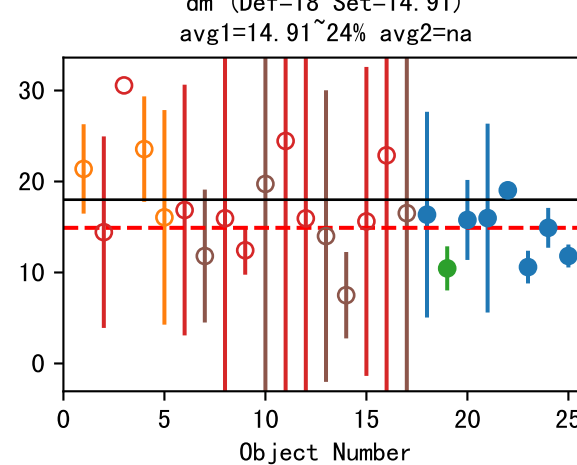
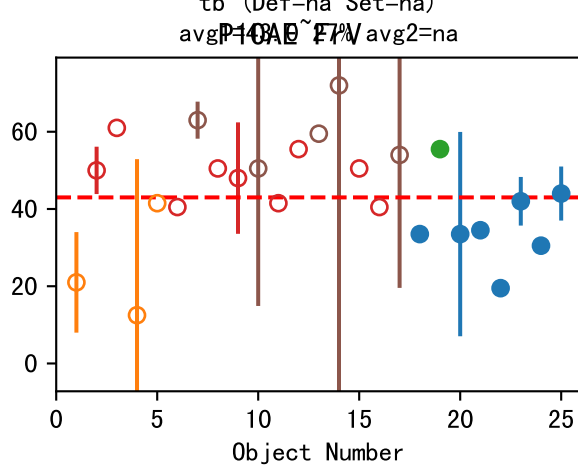
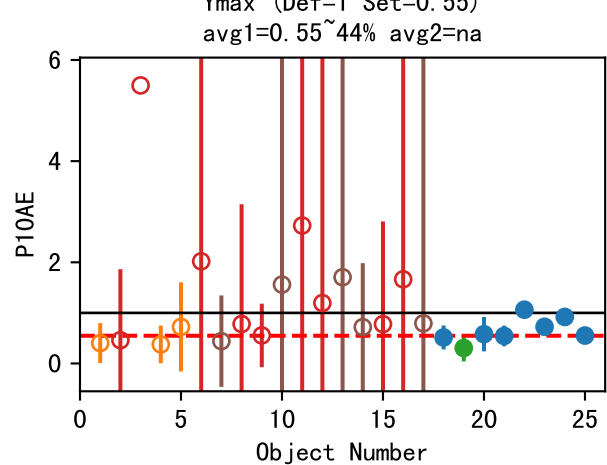




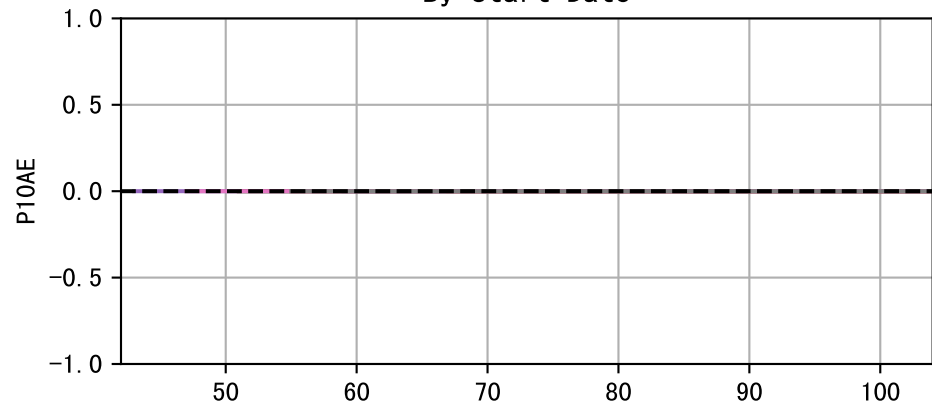




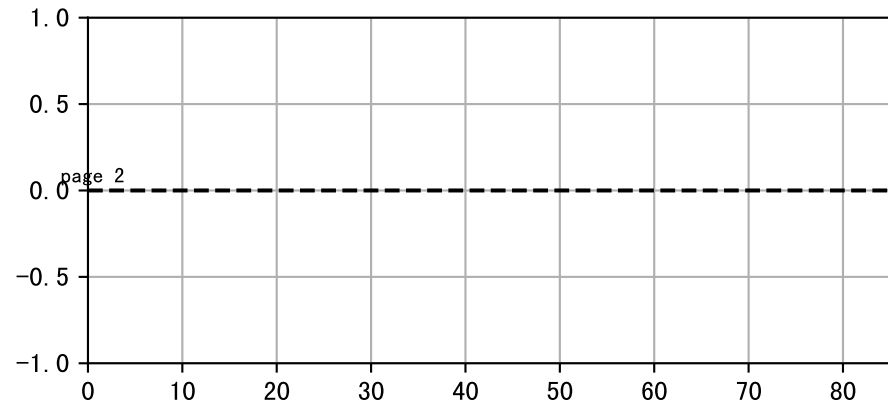
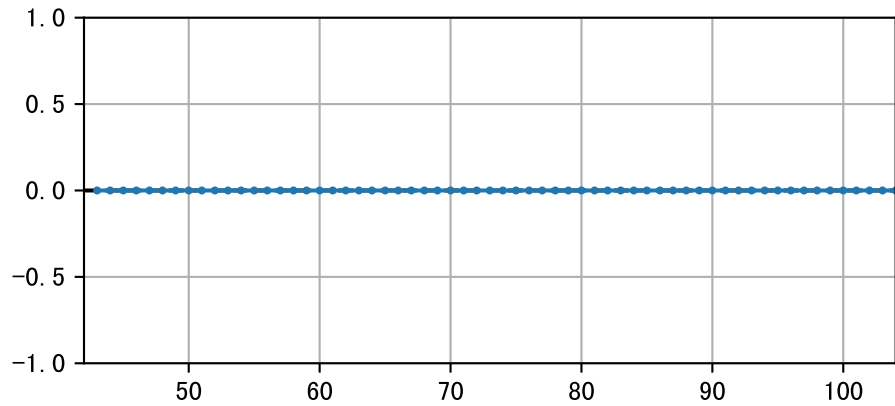
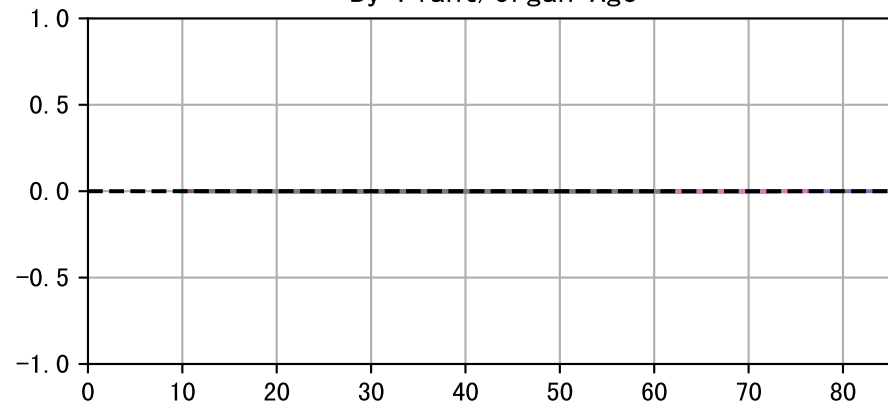


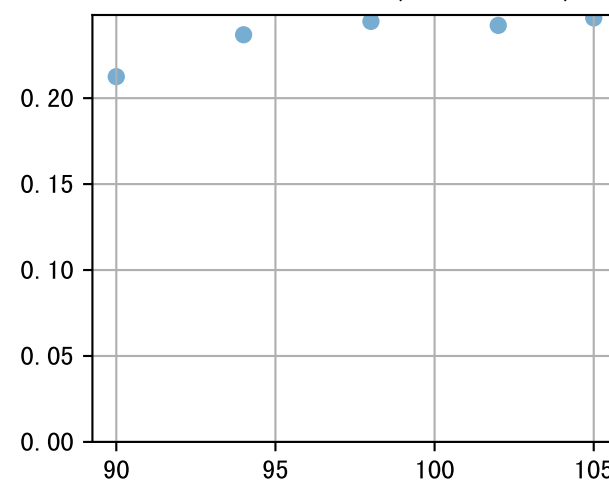
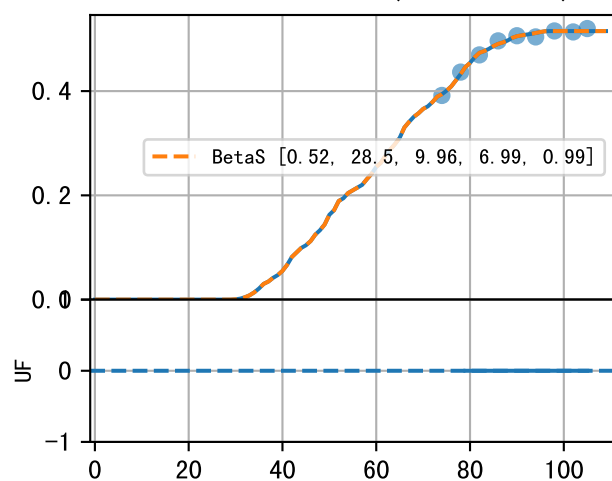
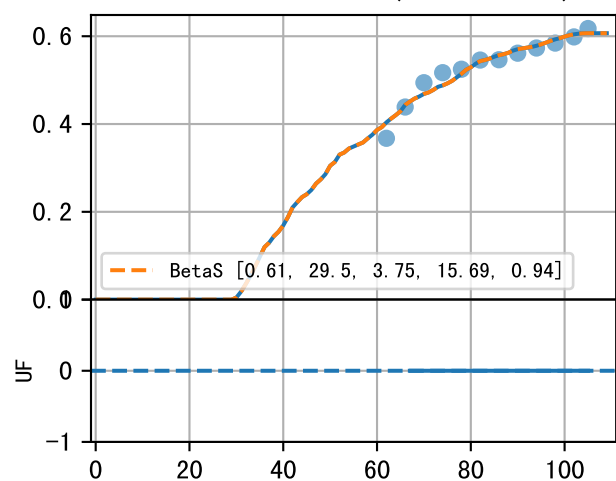
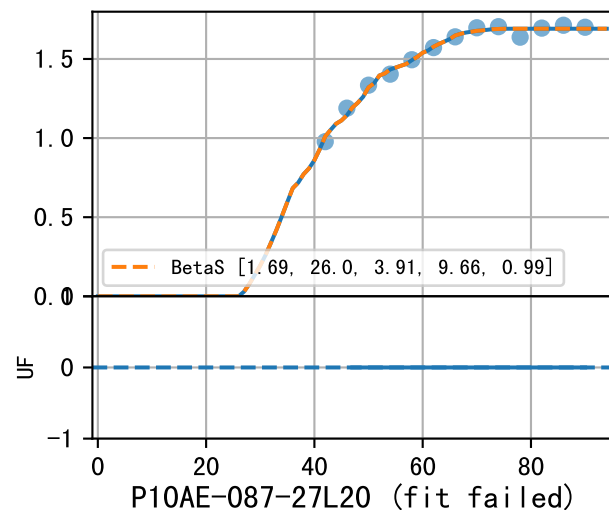
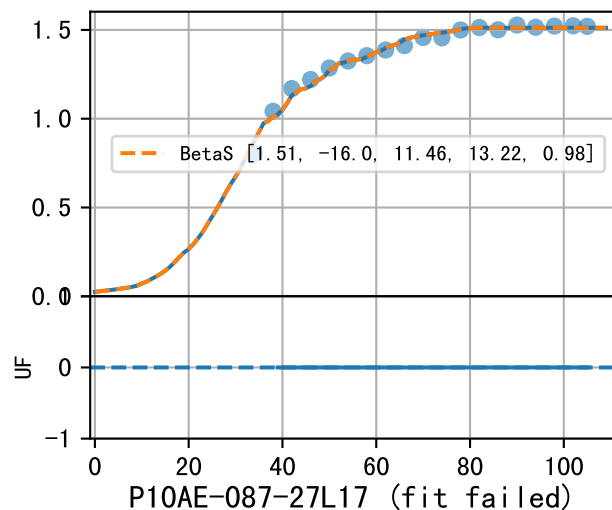
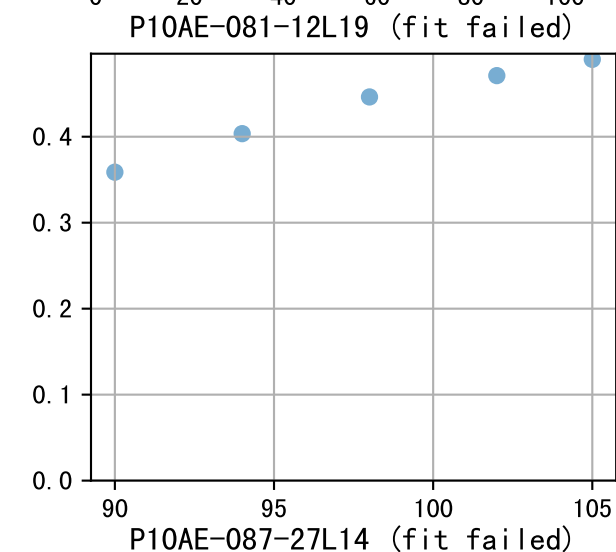
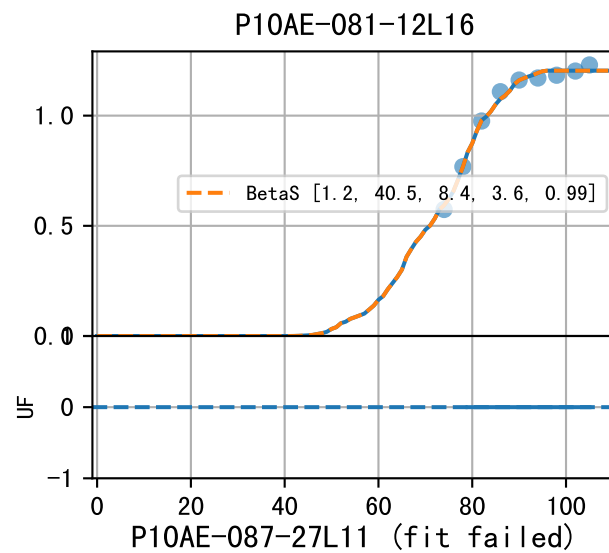
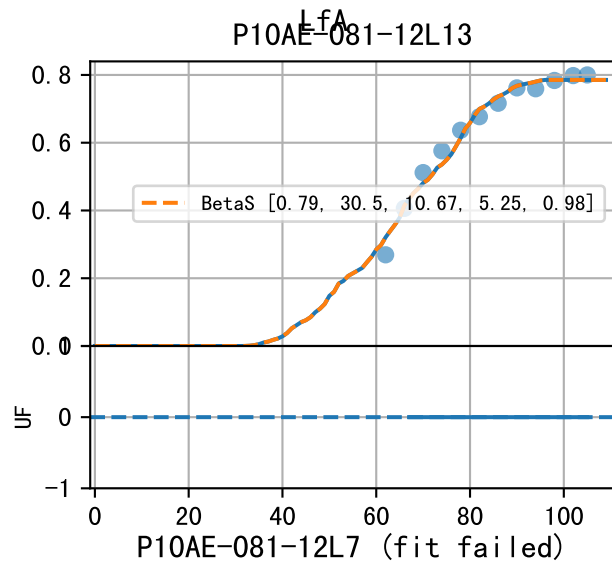
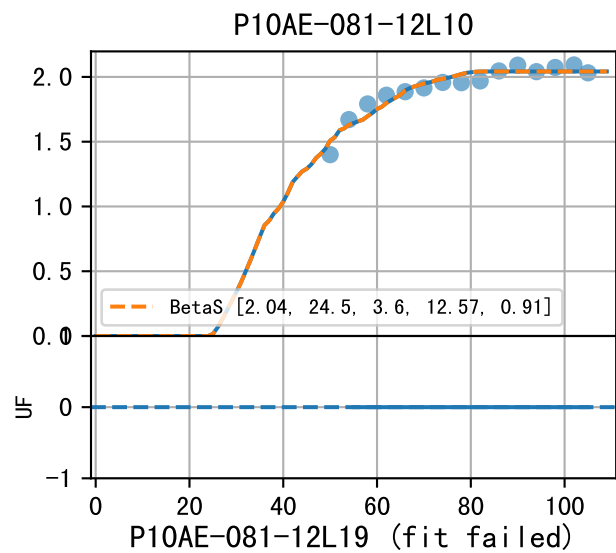


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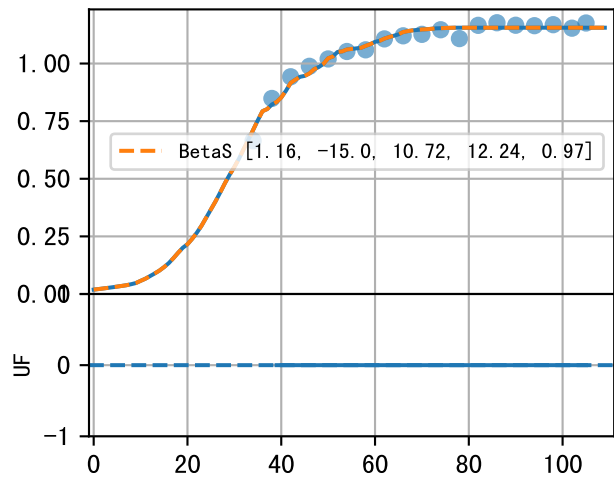


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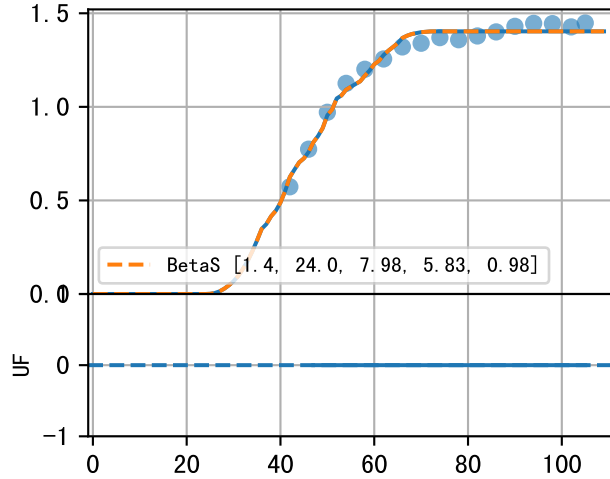




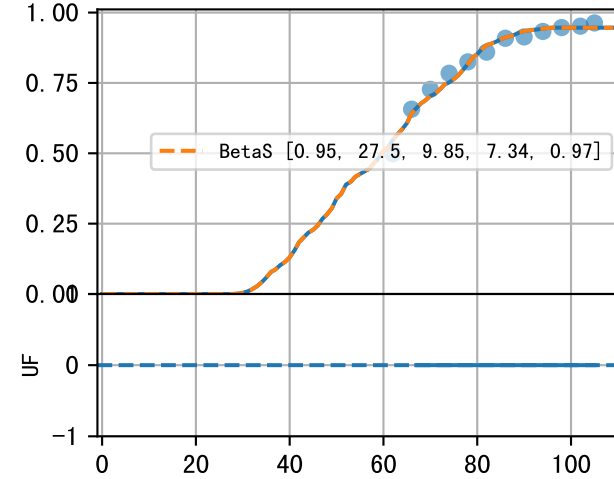
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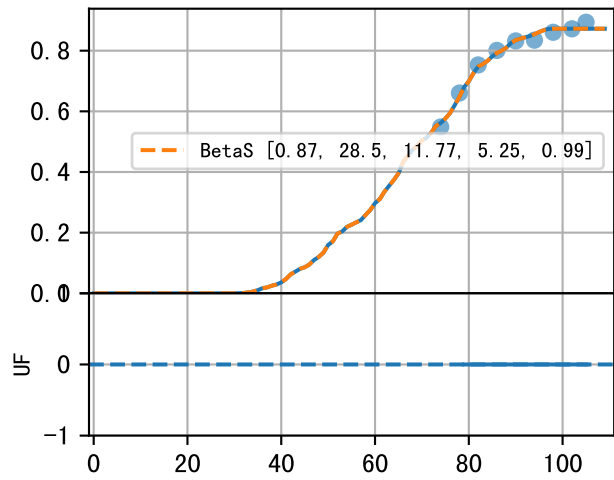
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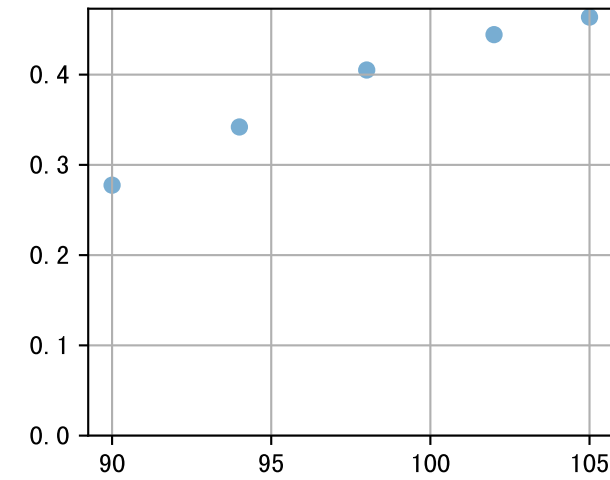
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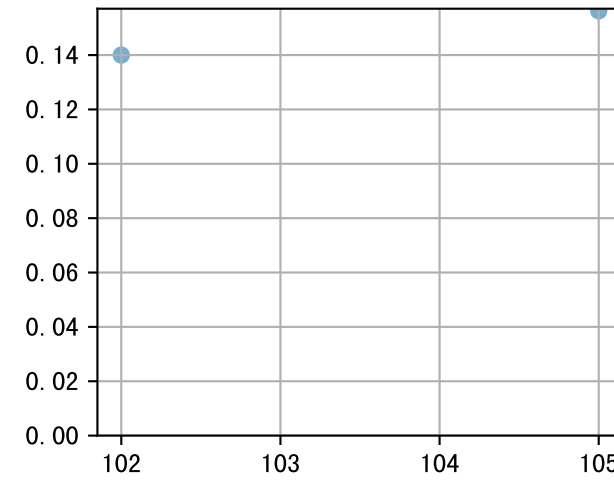
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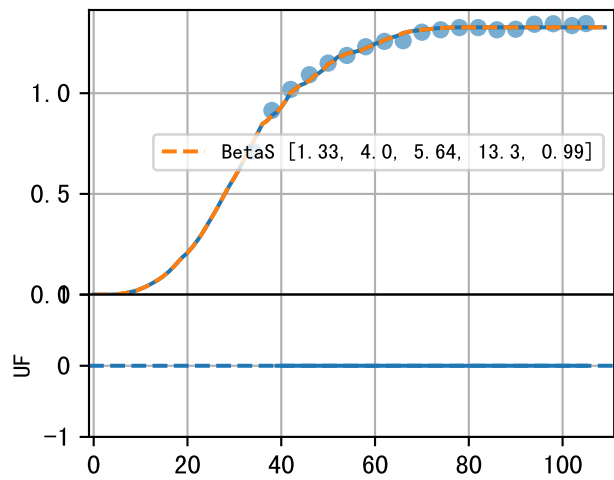
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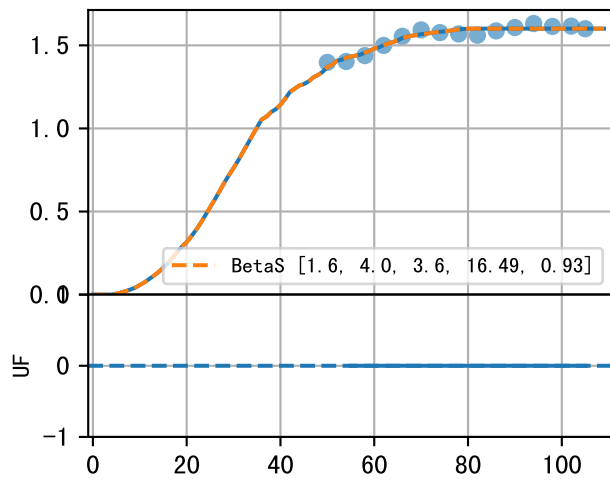
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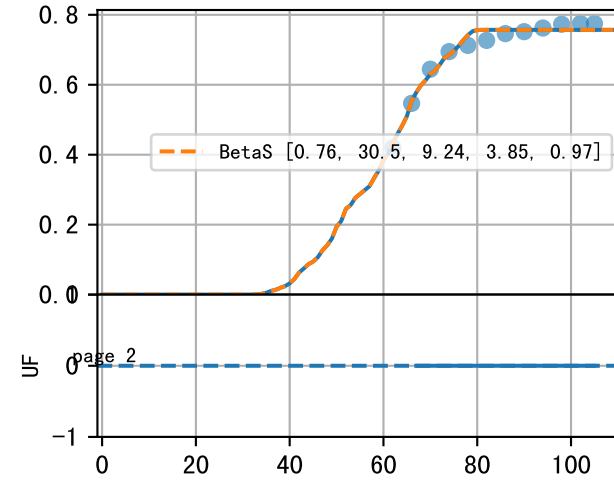
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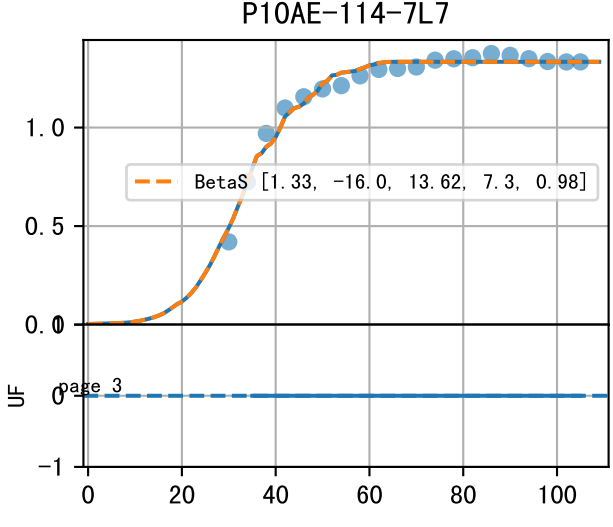
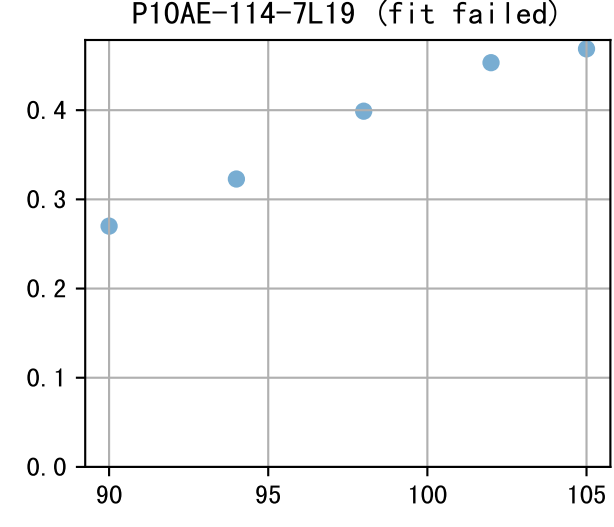
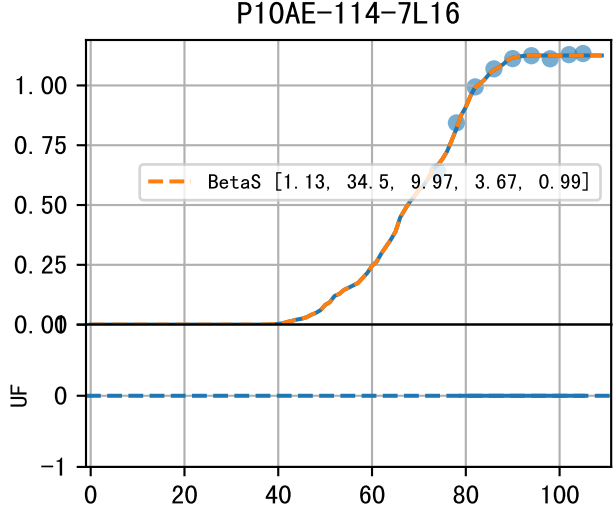
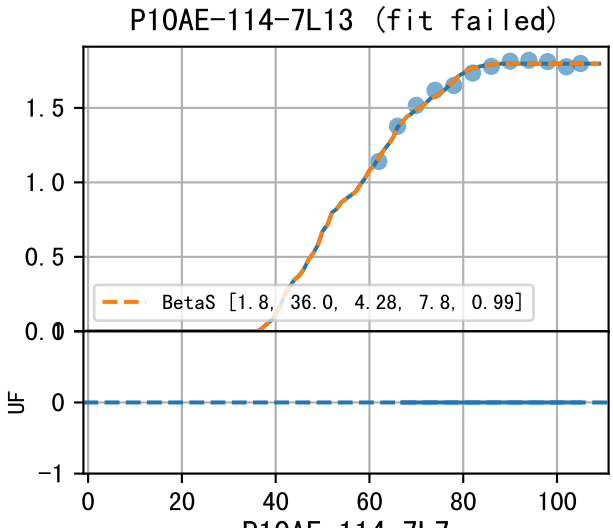
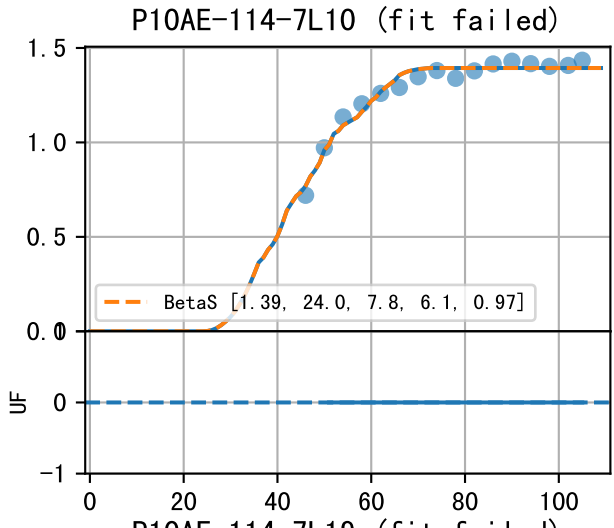
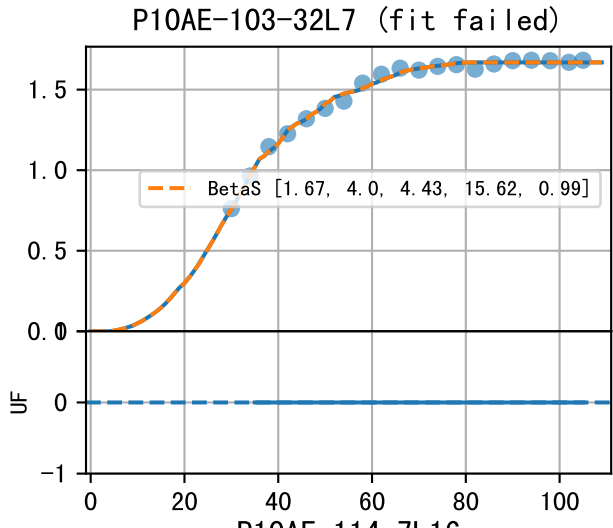
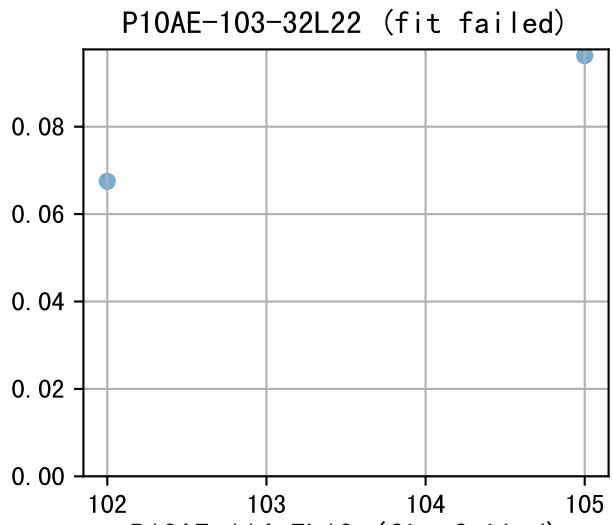
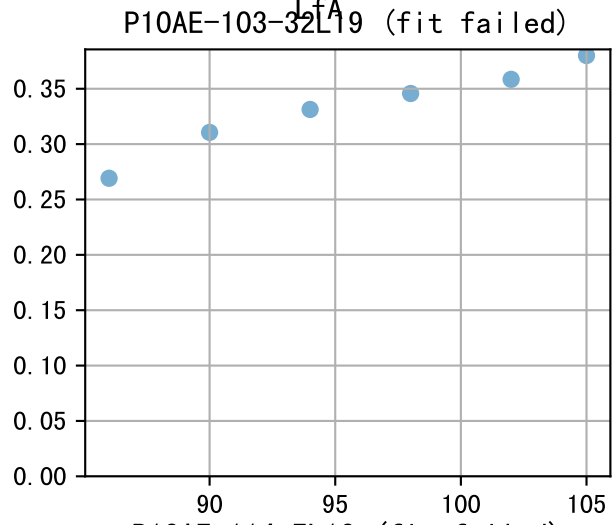
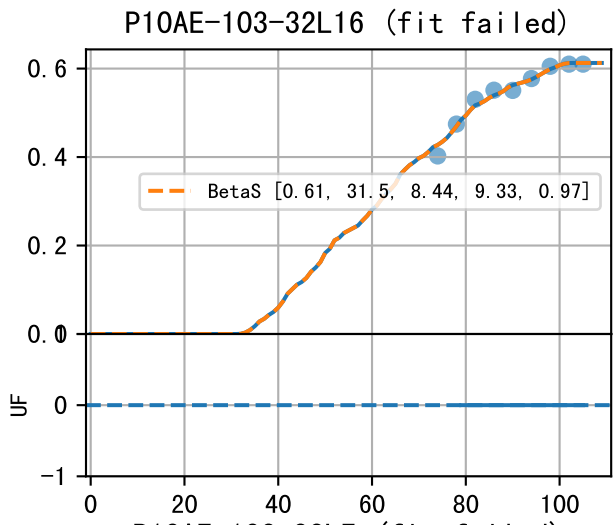


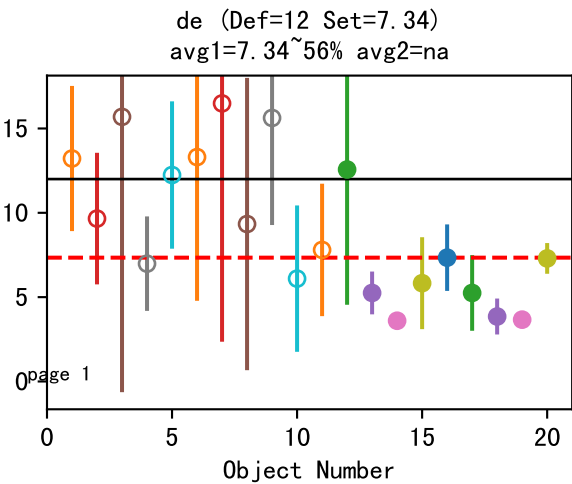
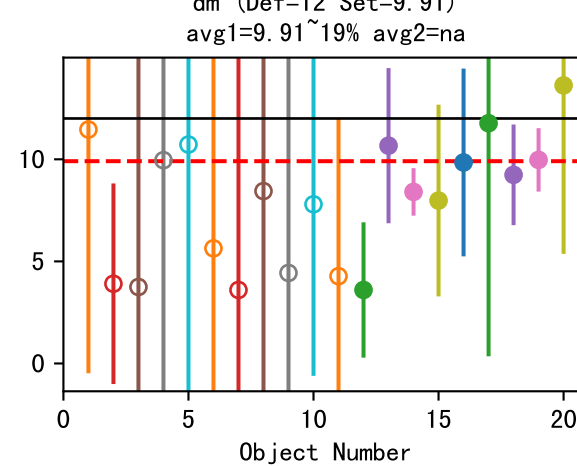
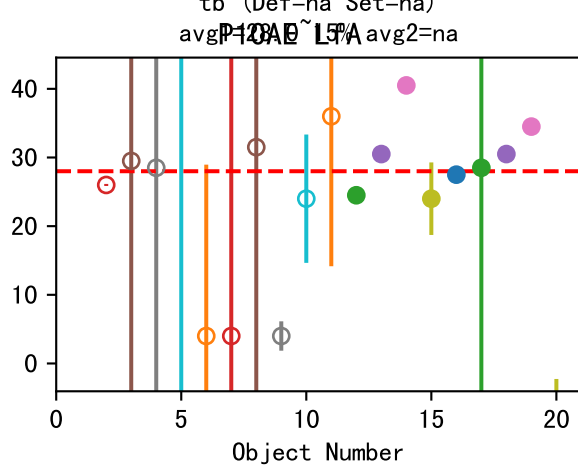
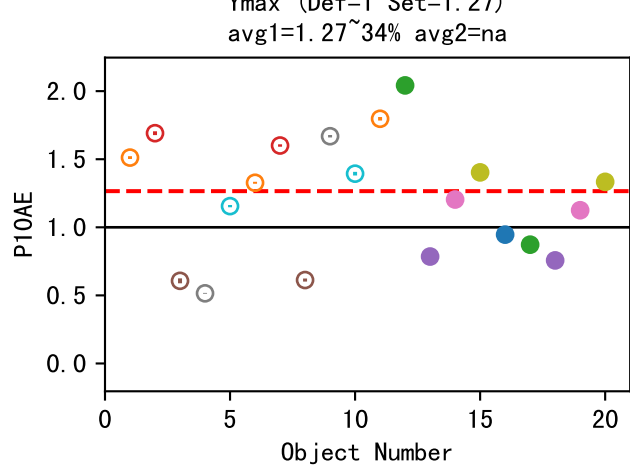
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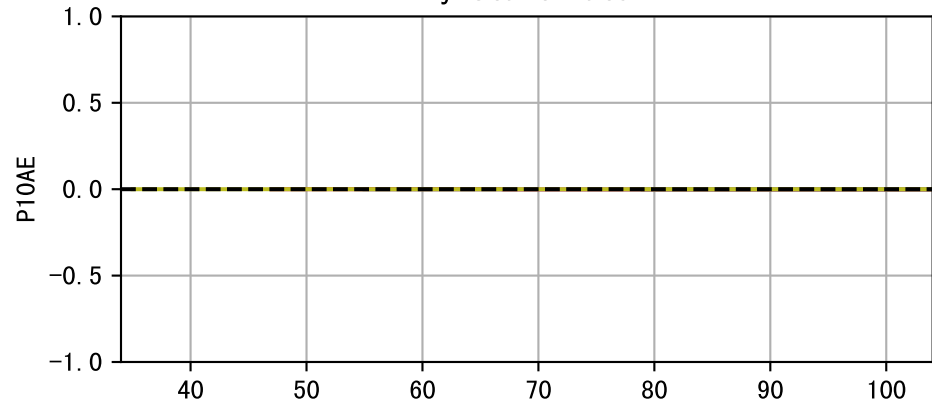
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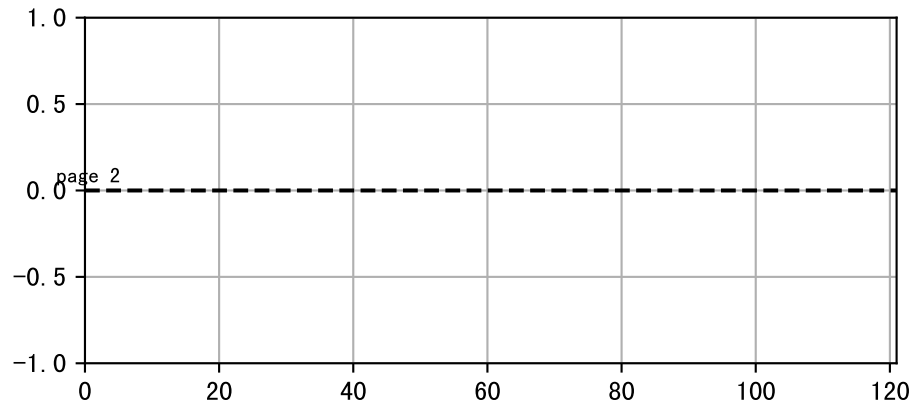
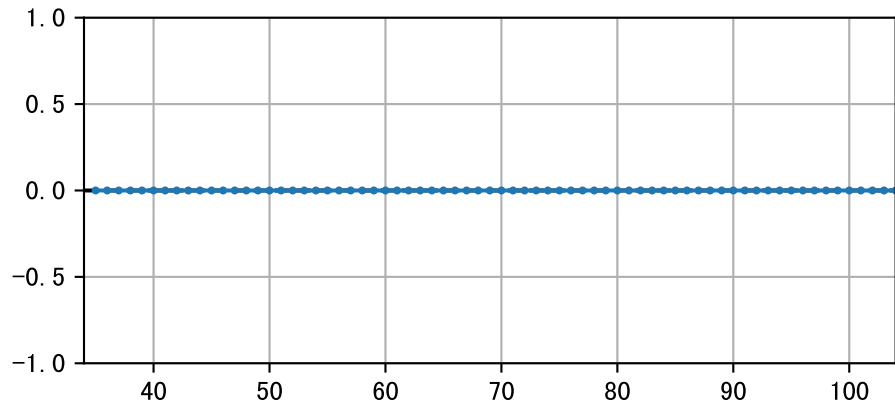
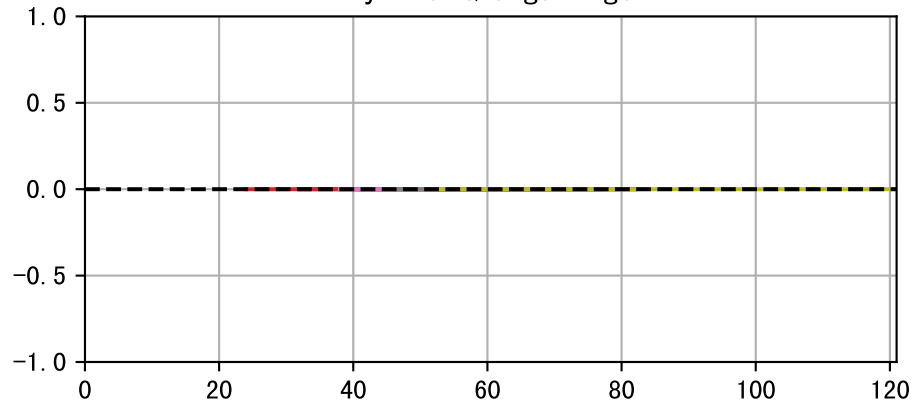


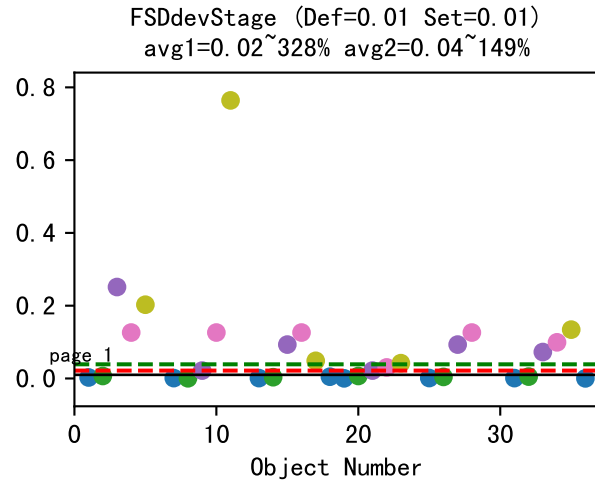
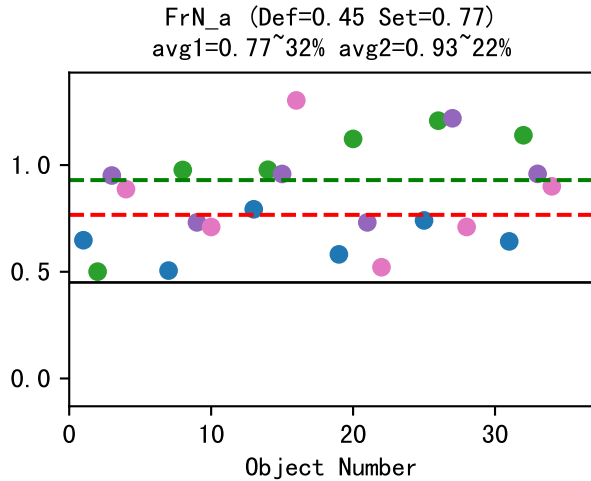
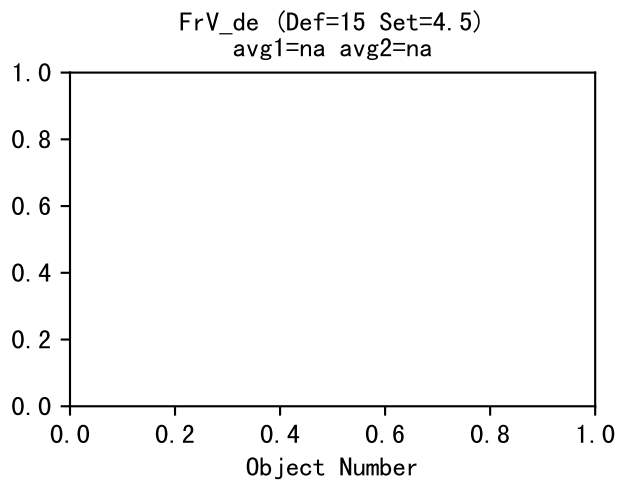
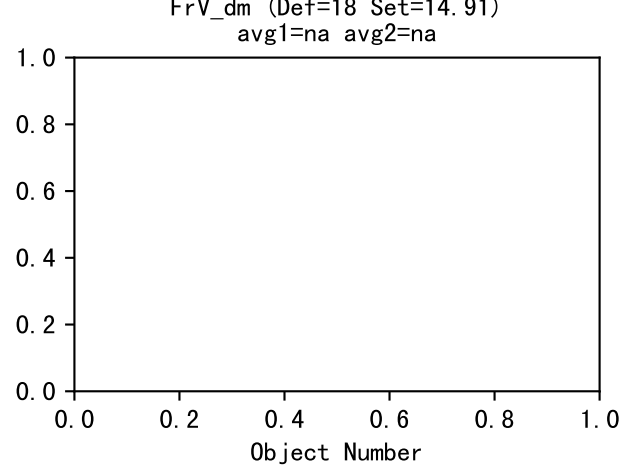
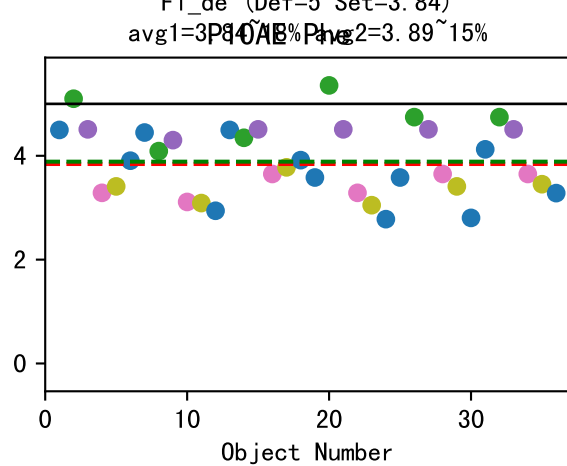
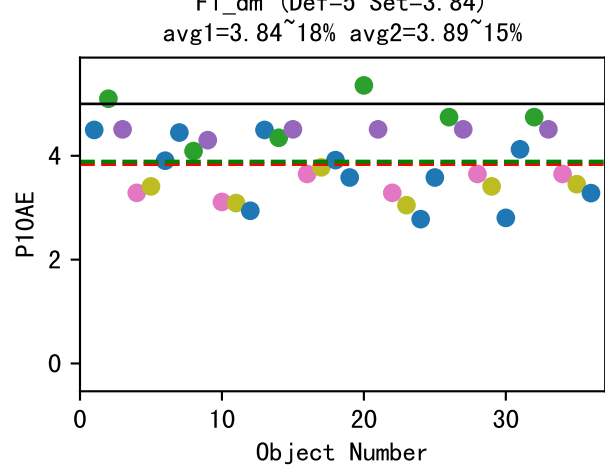


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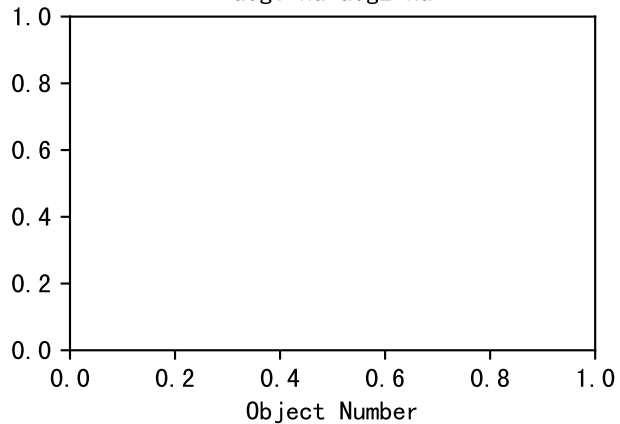


By Plant/Organ Age

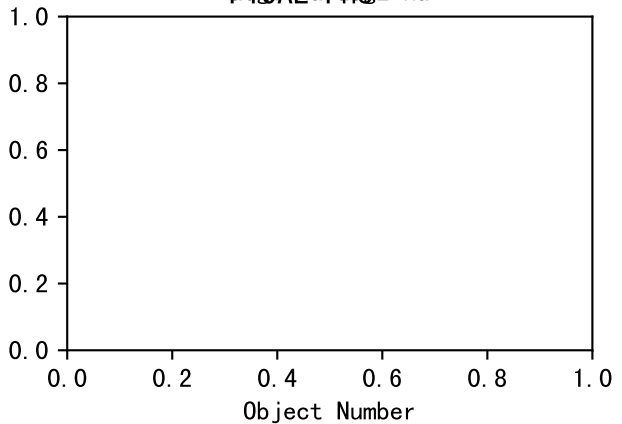




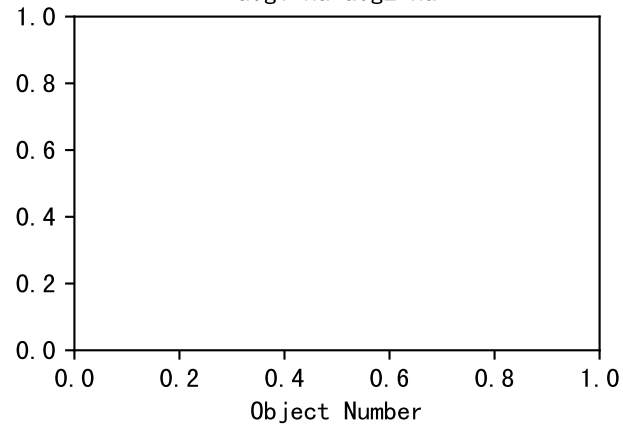
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



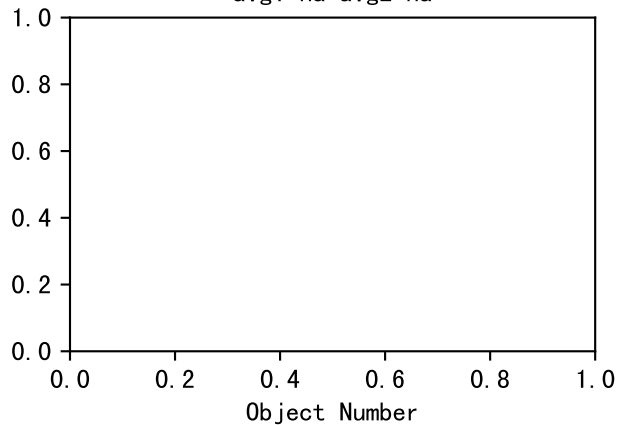
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



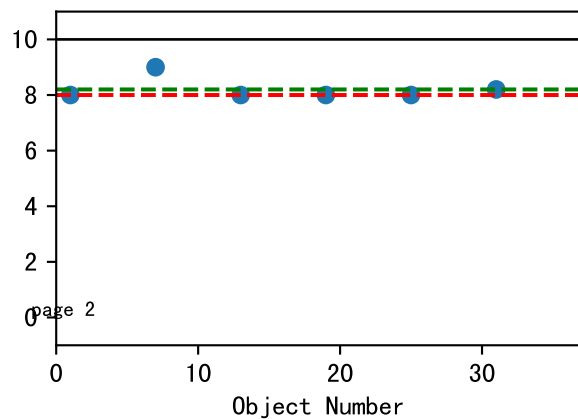
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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



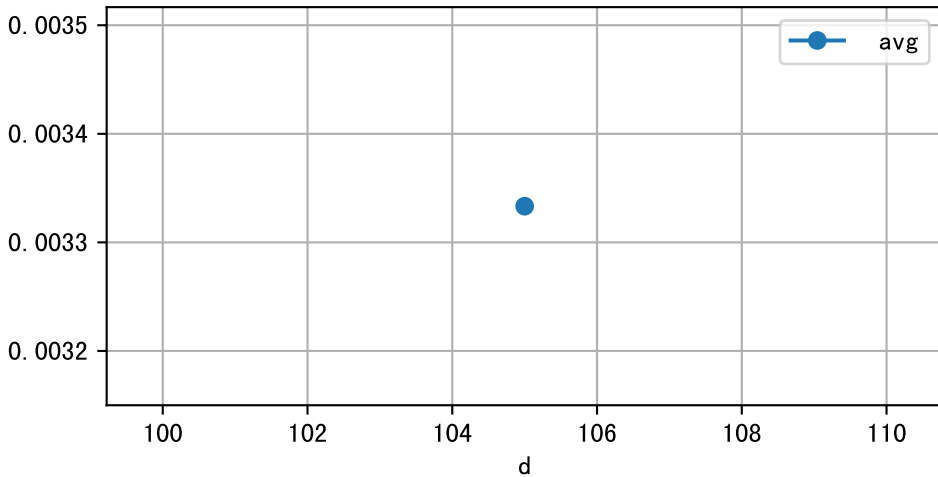
NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=8.2



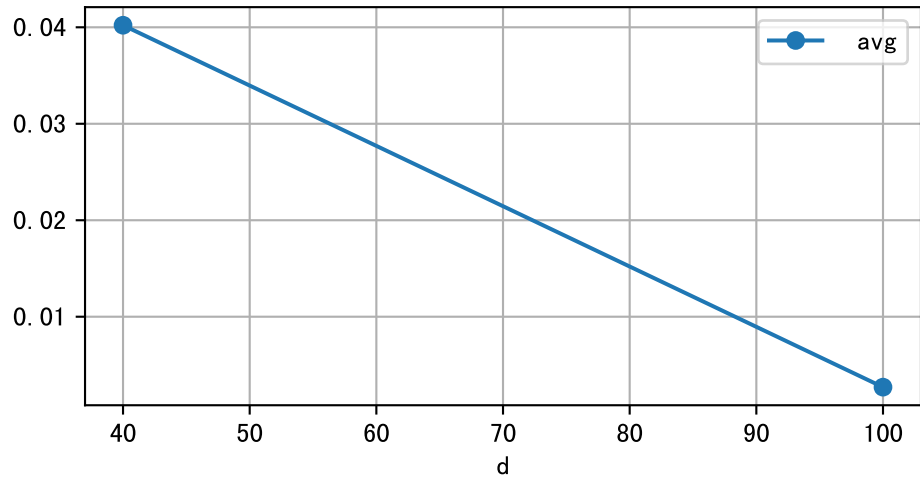
LfA: avg vs. d at each age group

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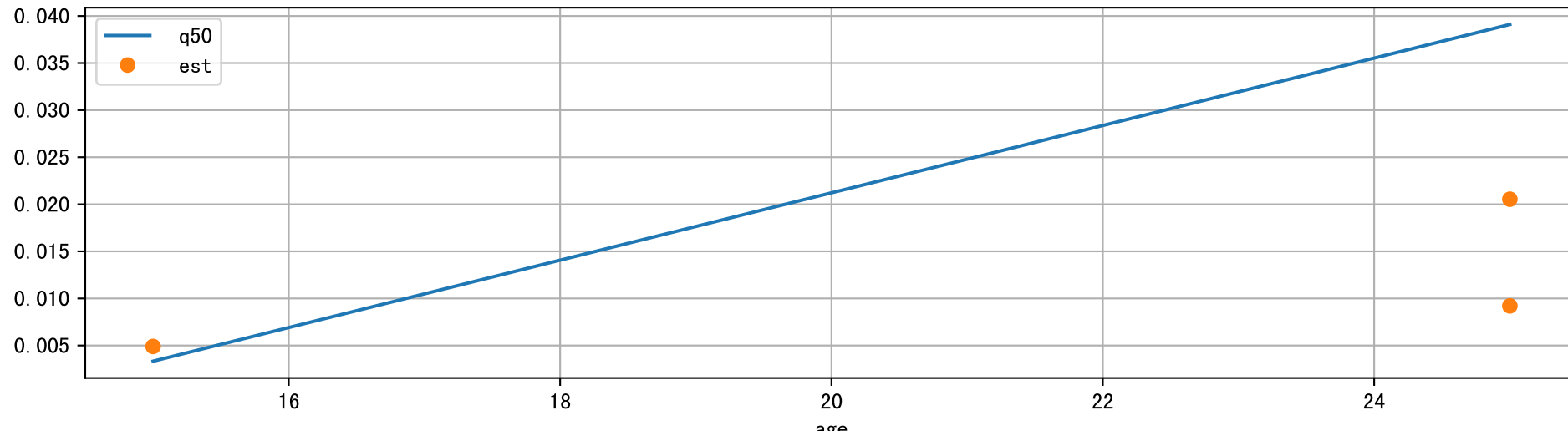
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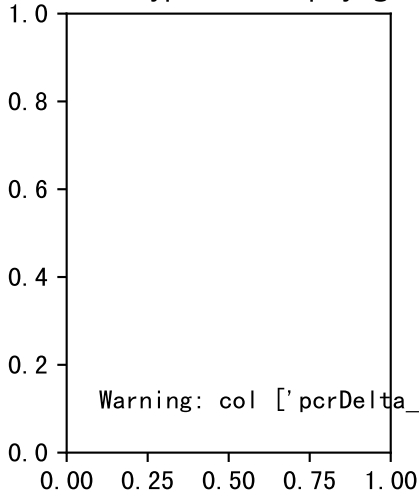
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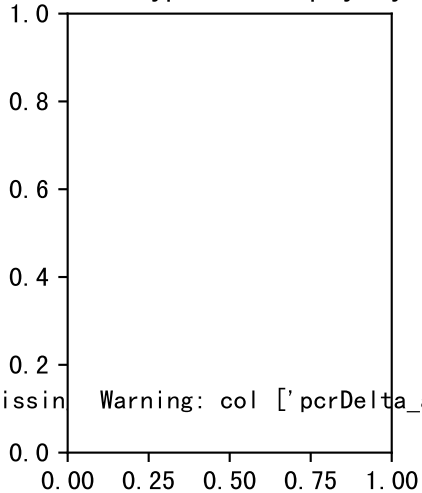
LfA: model est vs obs0v@Q50



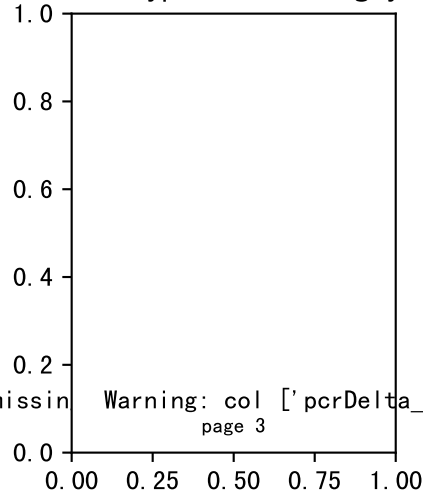
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

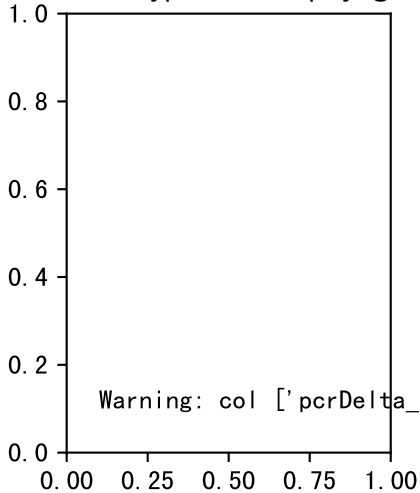


DeltaTypeAbbr=WeiAvgByD

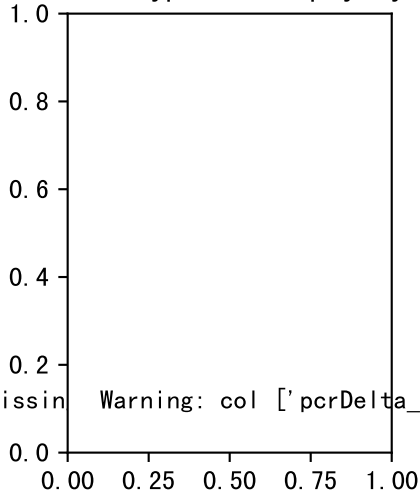


P10AE LfA: D_15d_LfA

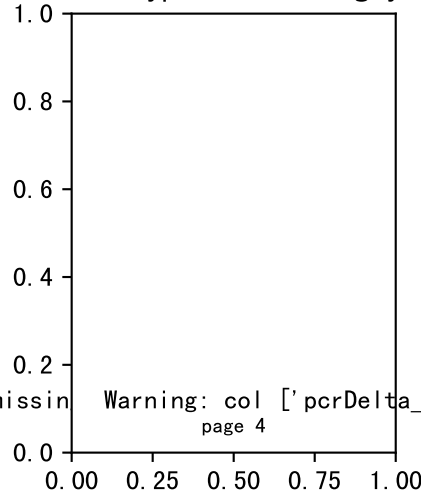
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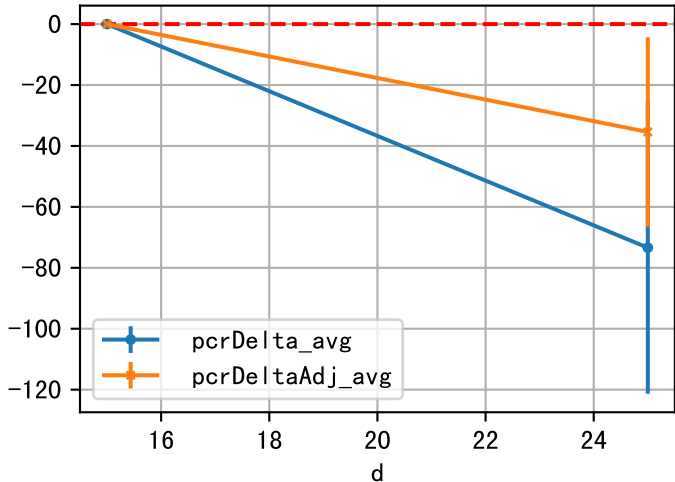
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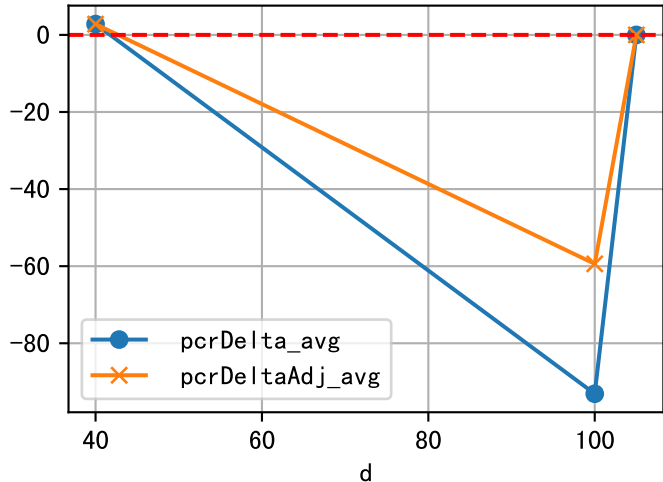
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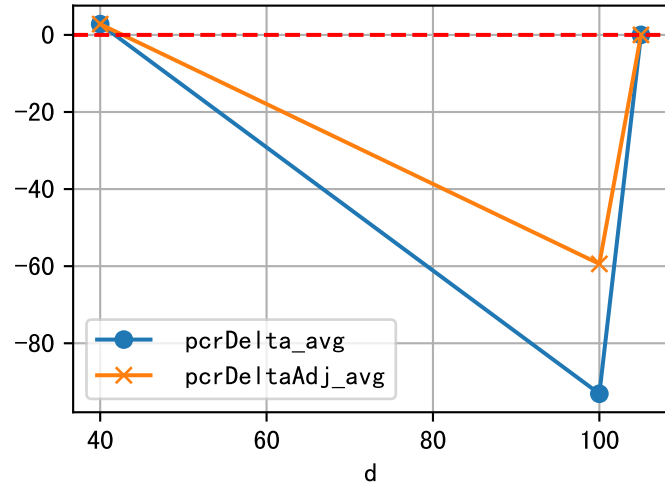
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DeltaTypeAbbr=GrpByDay

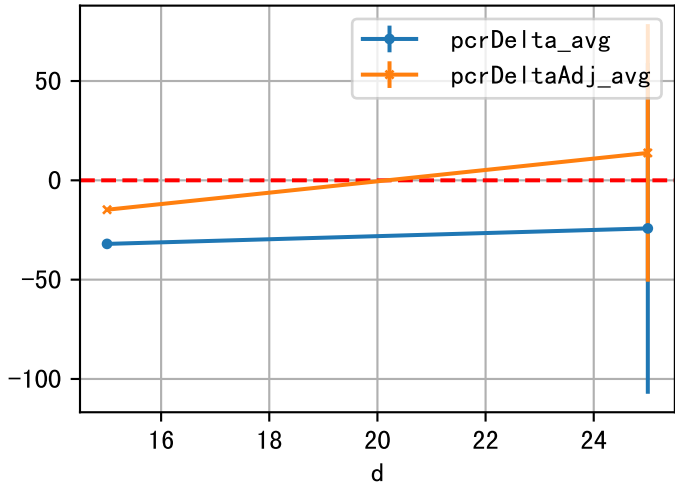


DeltaTypeAbbr=Wei AvgByD

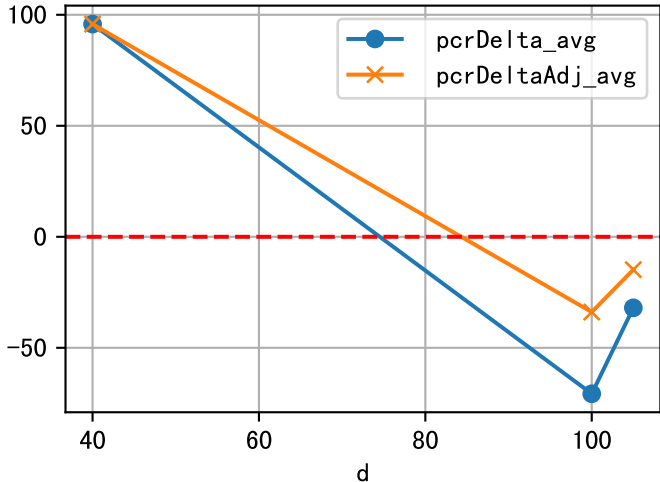


P10AE LfA: D_Est_LfA

DeltaTypeAbbr=GrpByAge

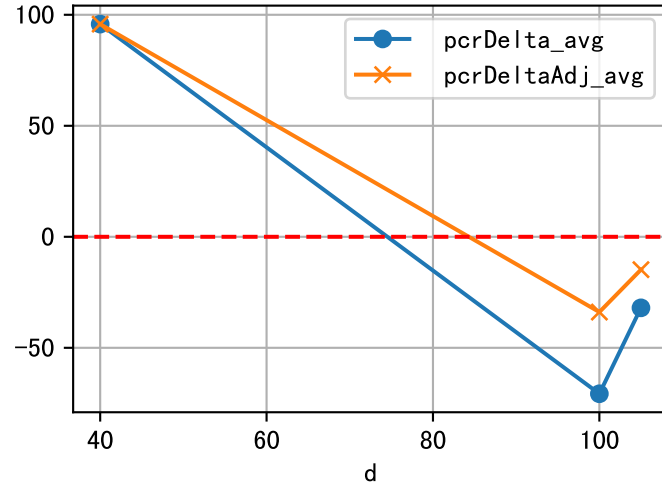


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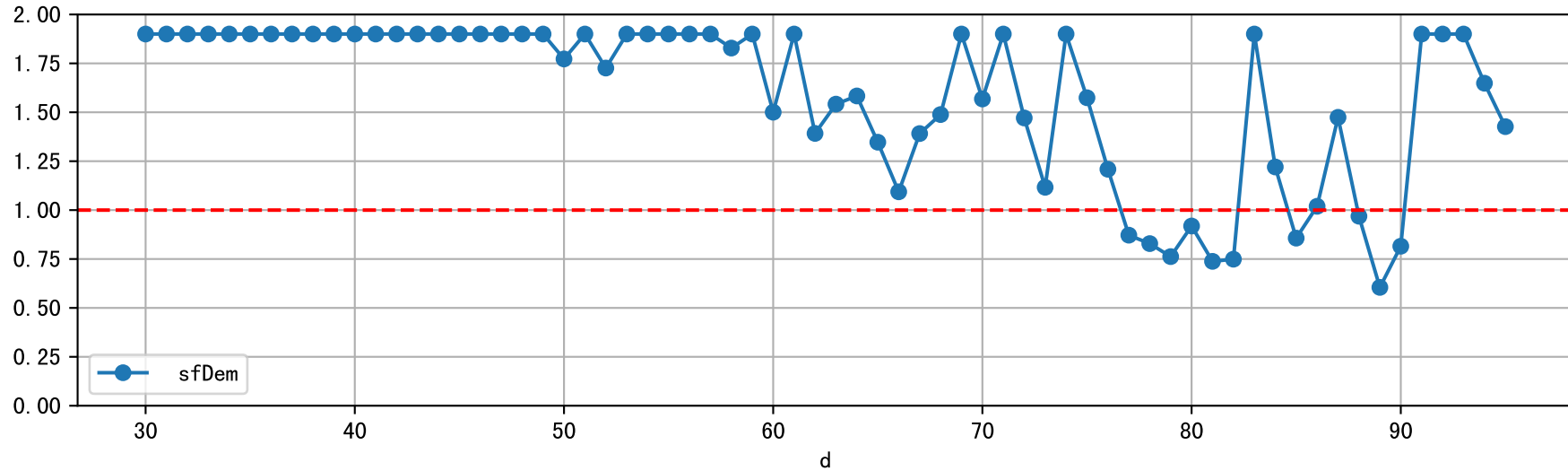


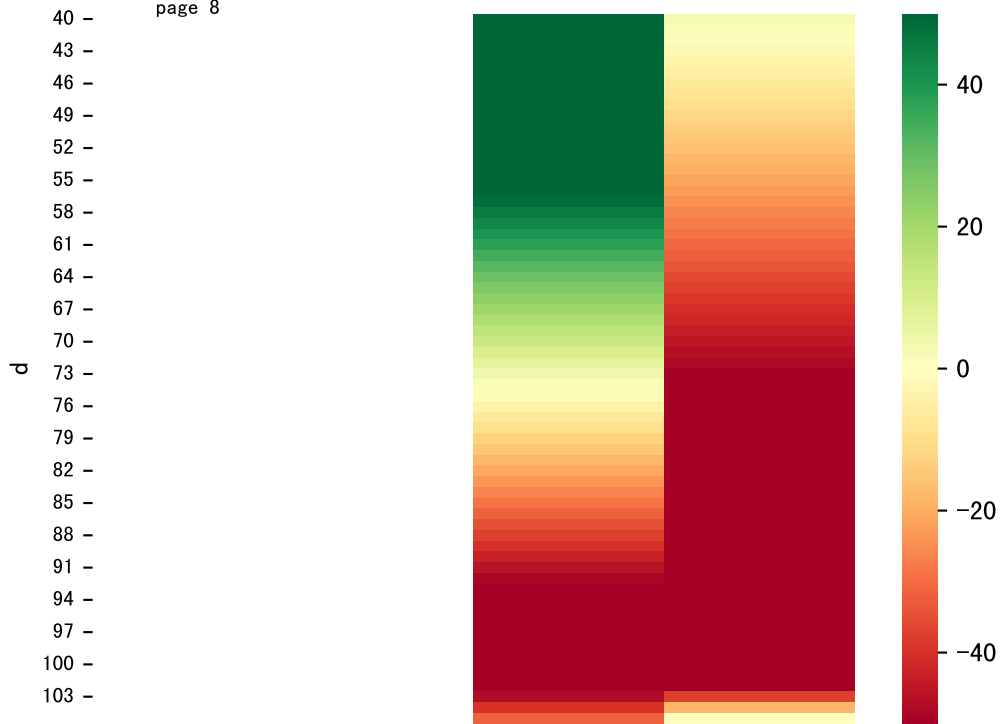
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DeltaTypeAbbr=WeiAvgByD



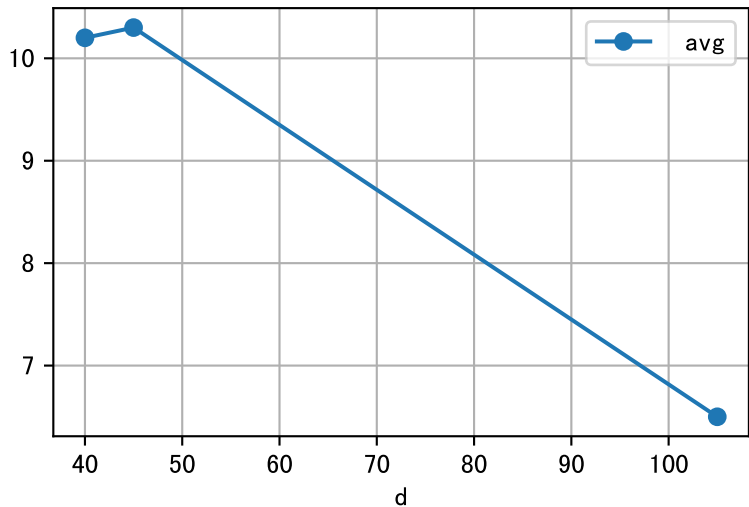
LfA: sfDem



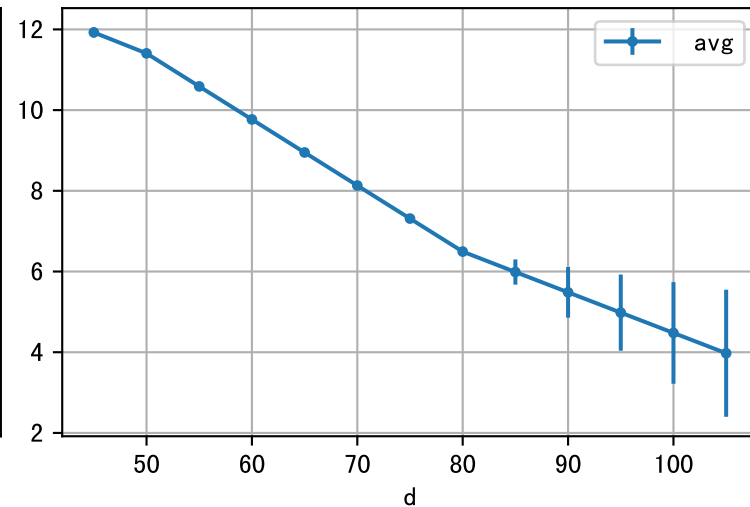


NdD: avg vs. d at each age group

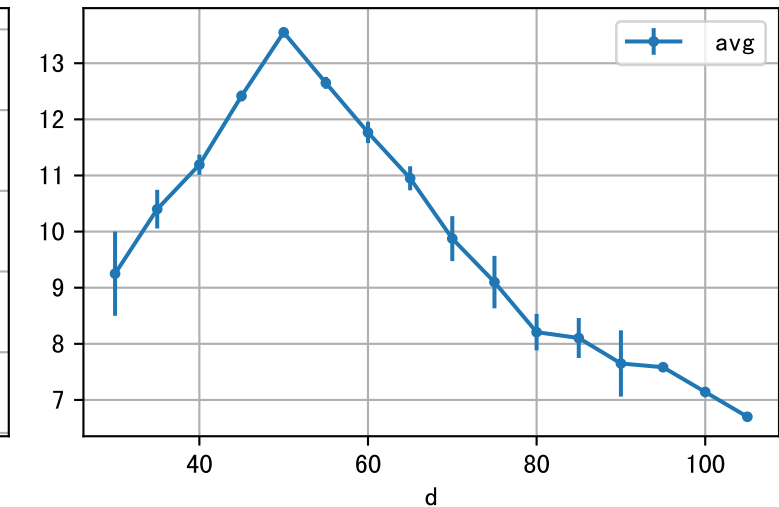
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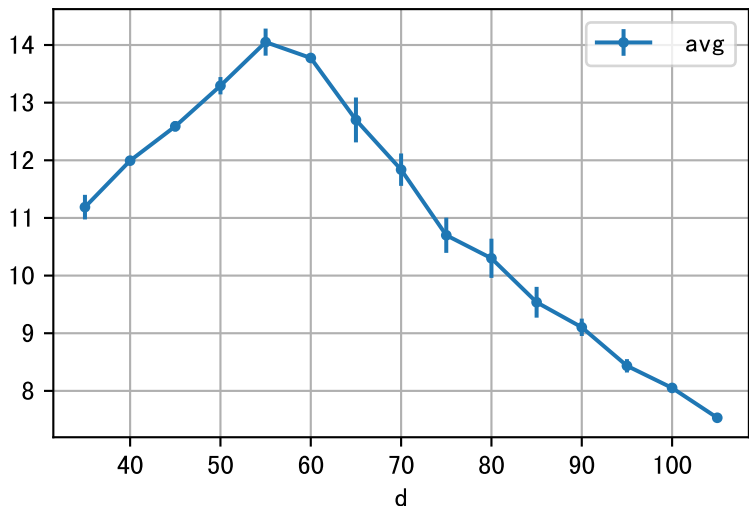
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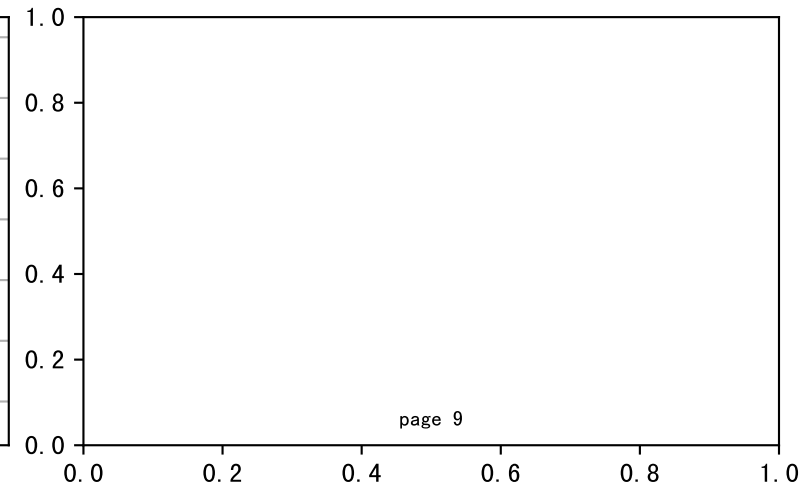
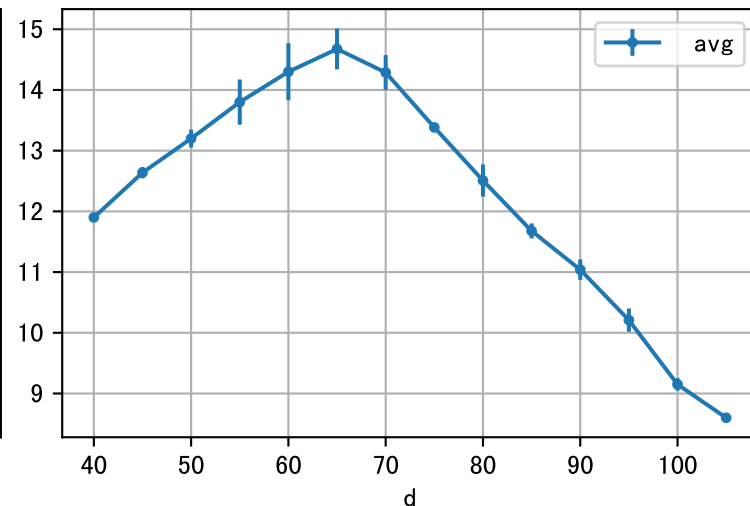
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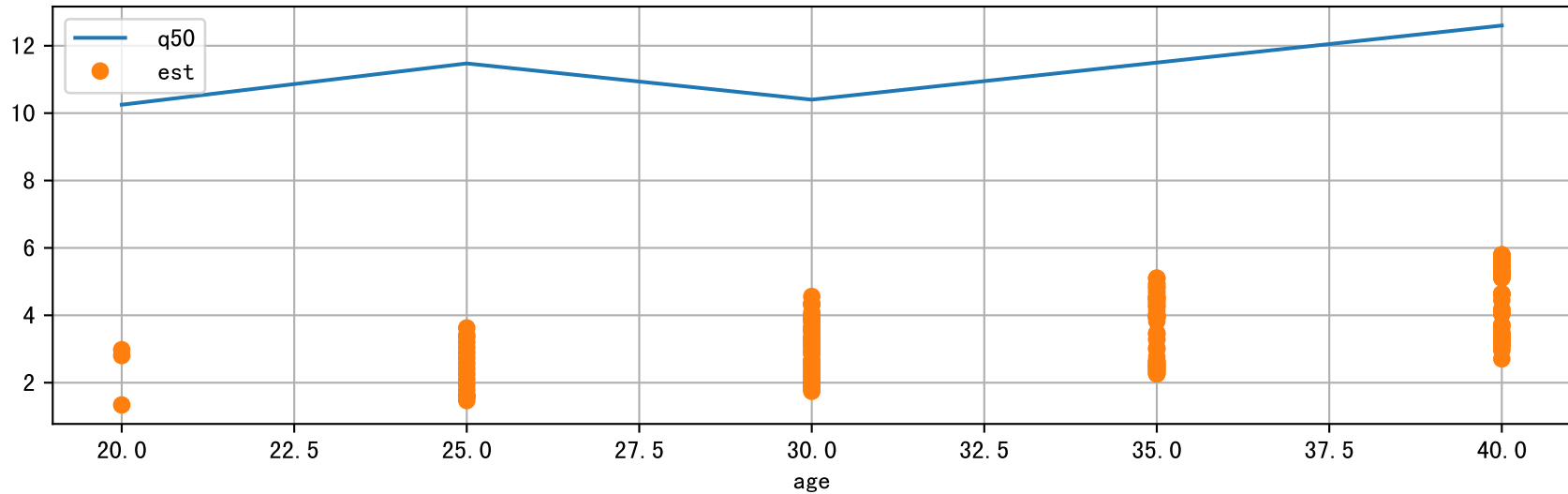
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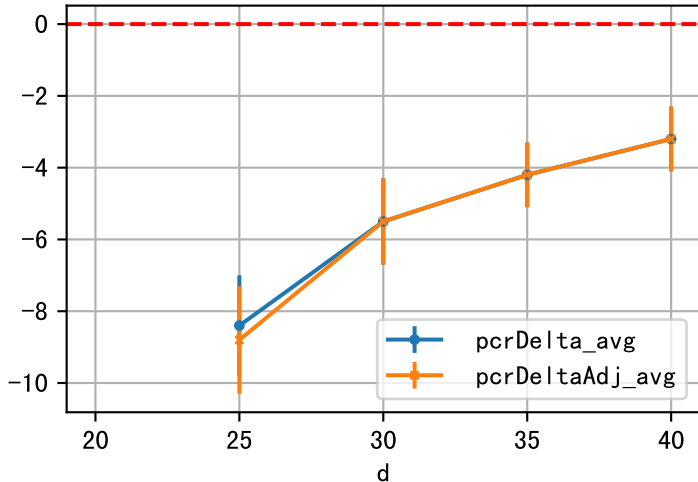
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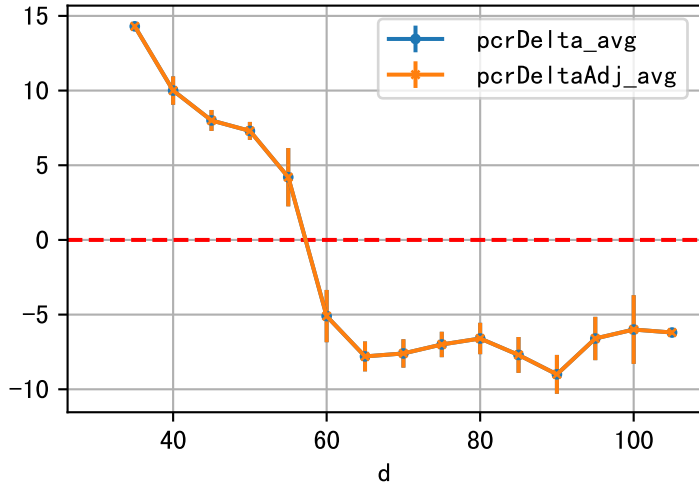
NdD: model est vs obs0v@Q50



DeltaTypeAbbr=GrpByAge

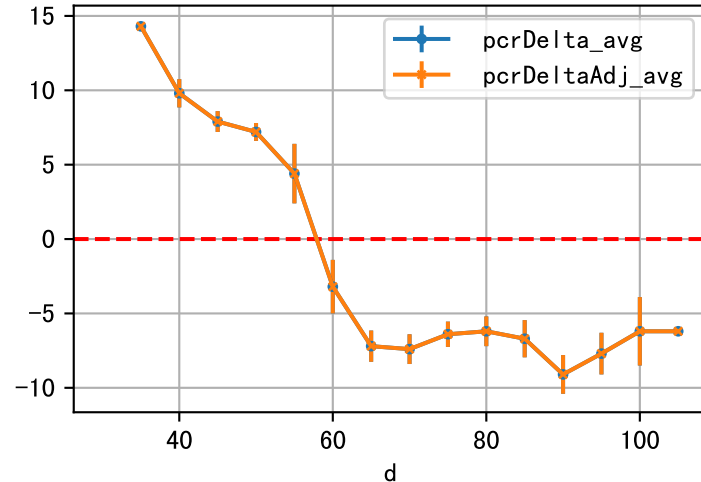


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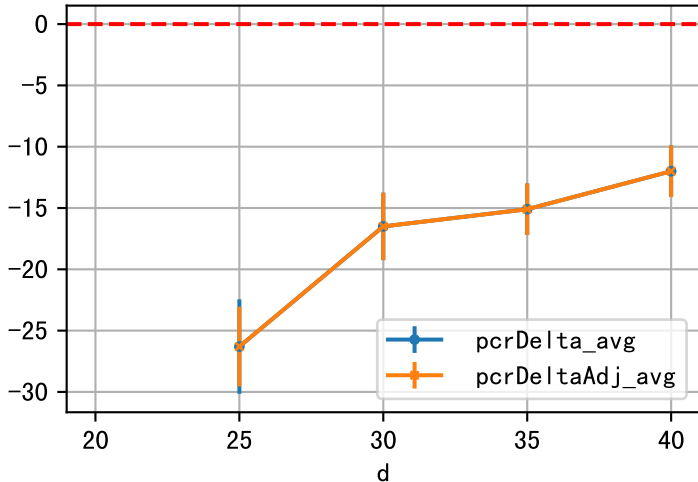


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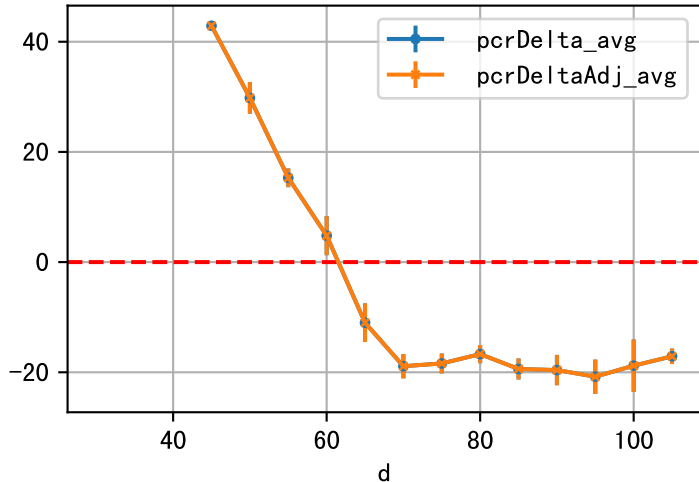
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DeltaTypeAbbr=GrpByAge

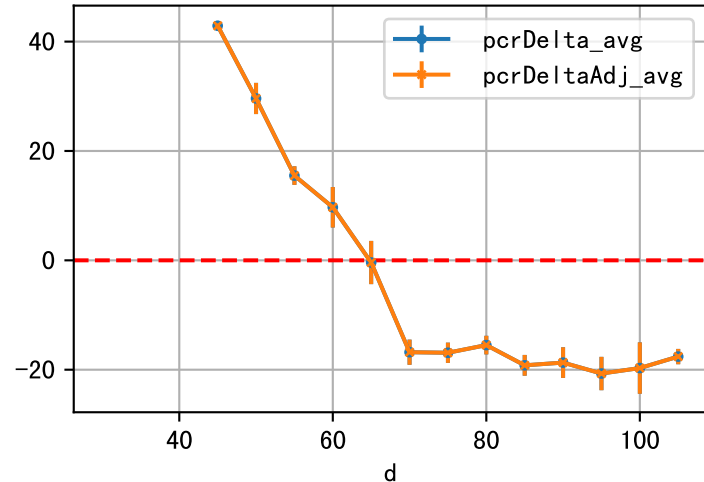


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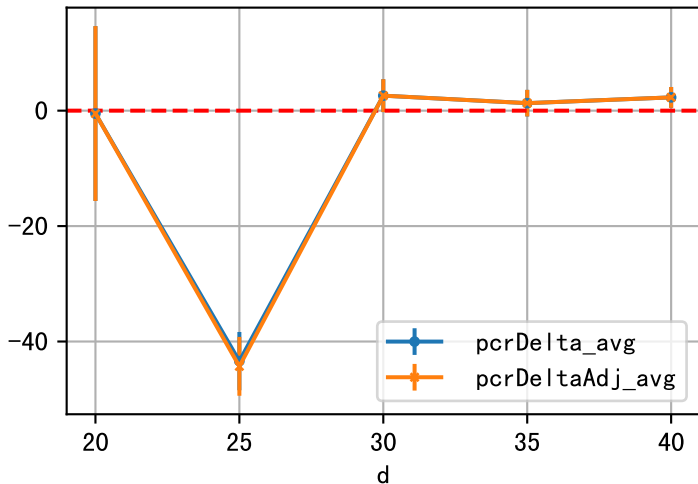


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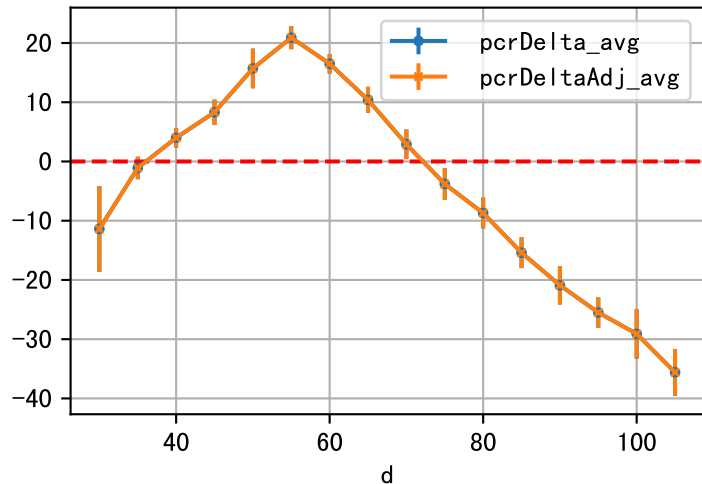
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DeltaTypeAbbr=GrpByAge

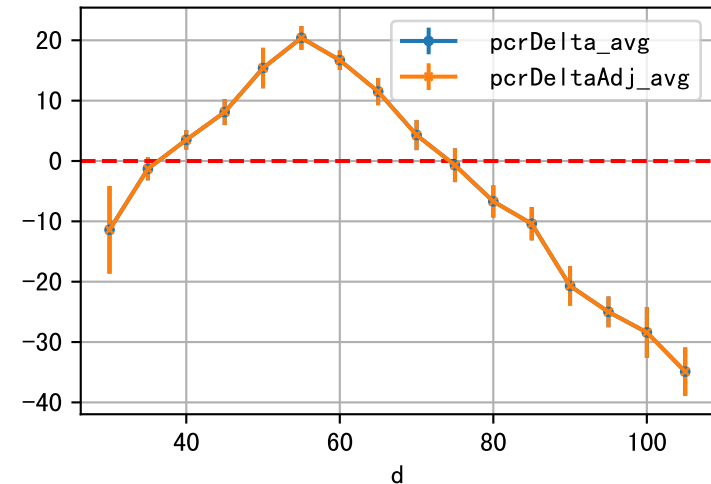


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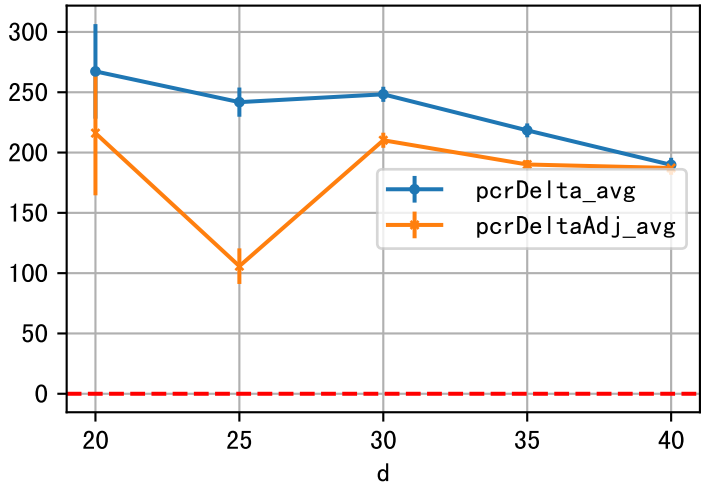


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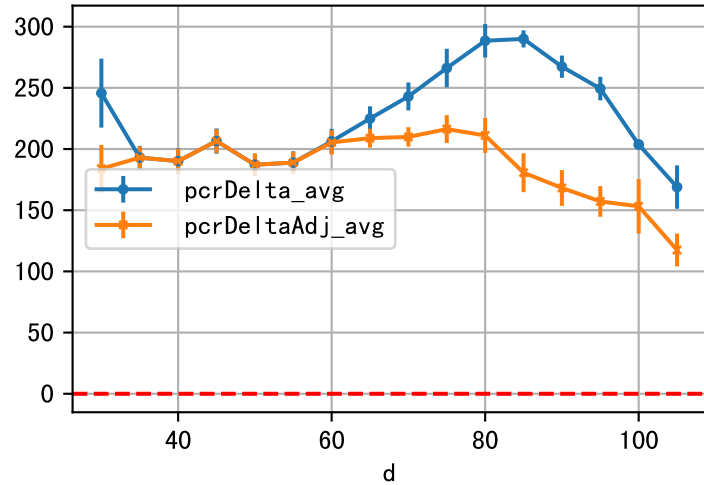
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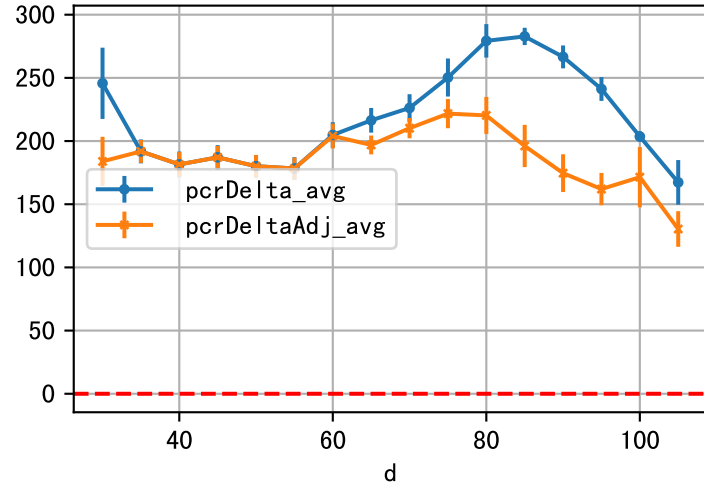
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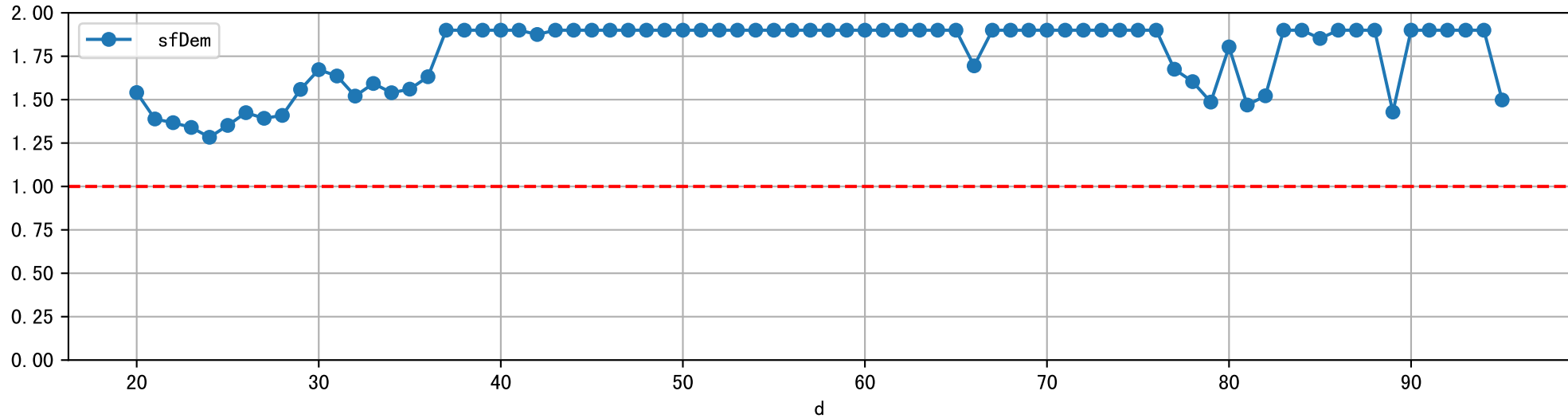
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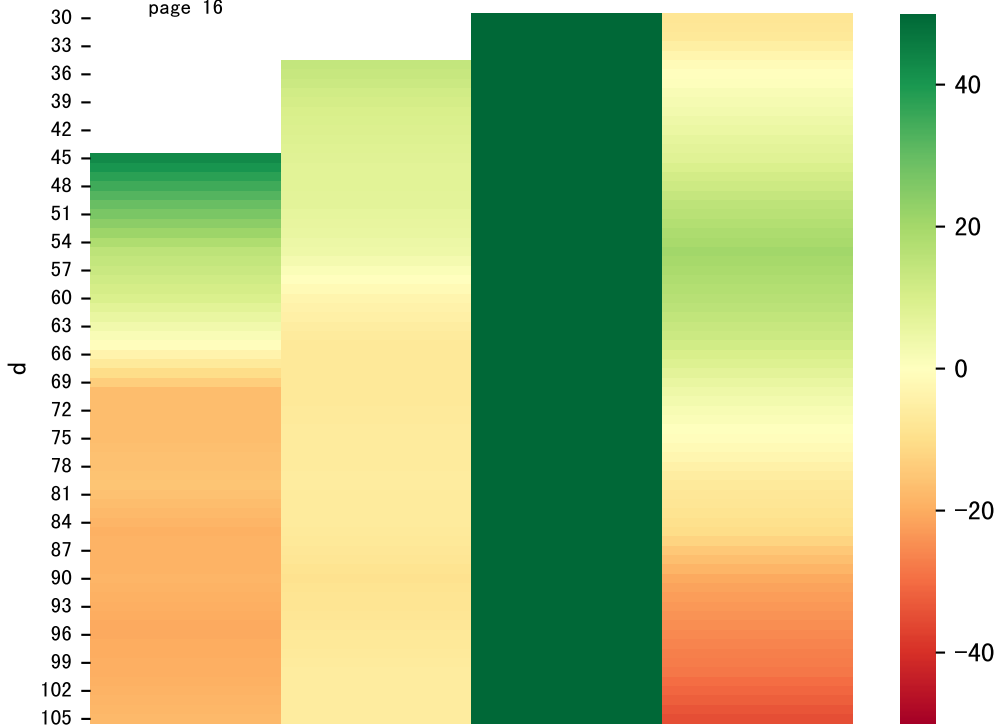


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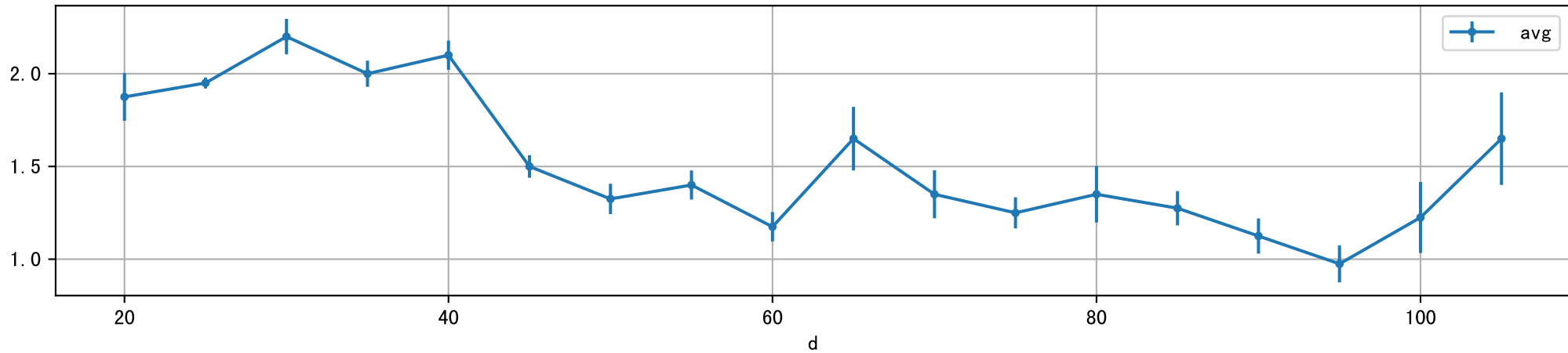


NdD: sfDem

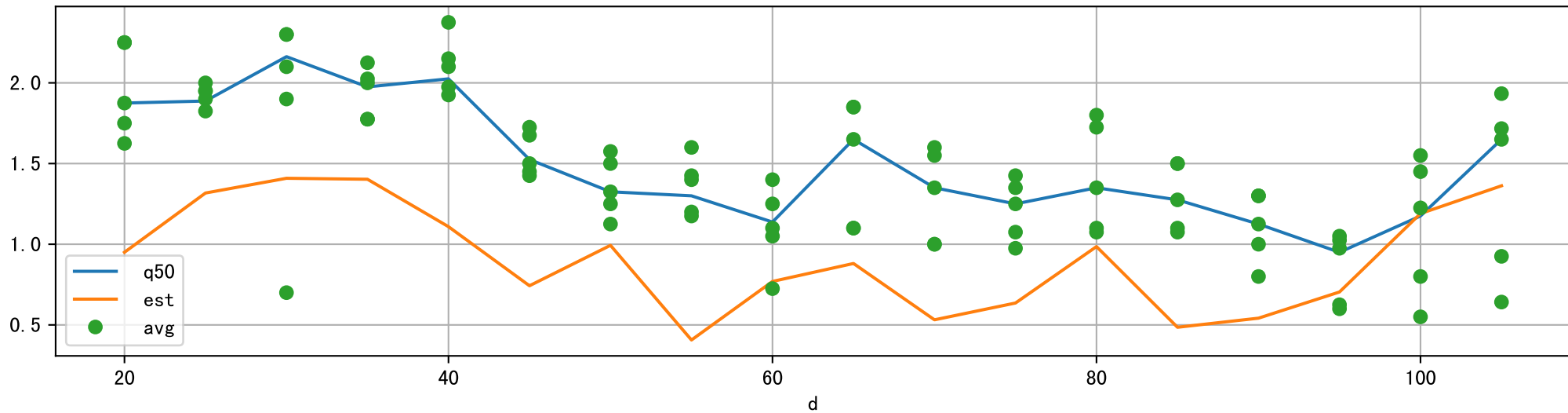




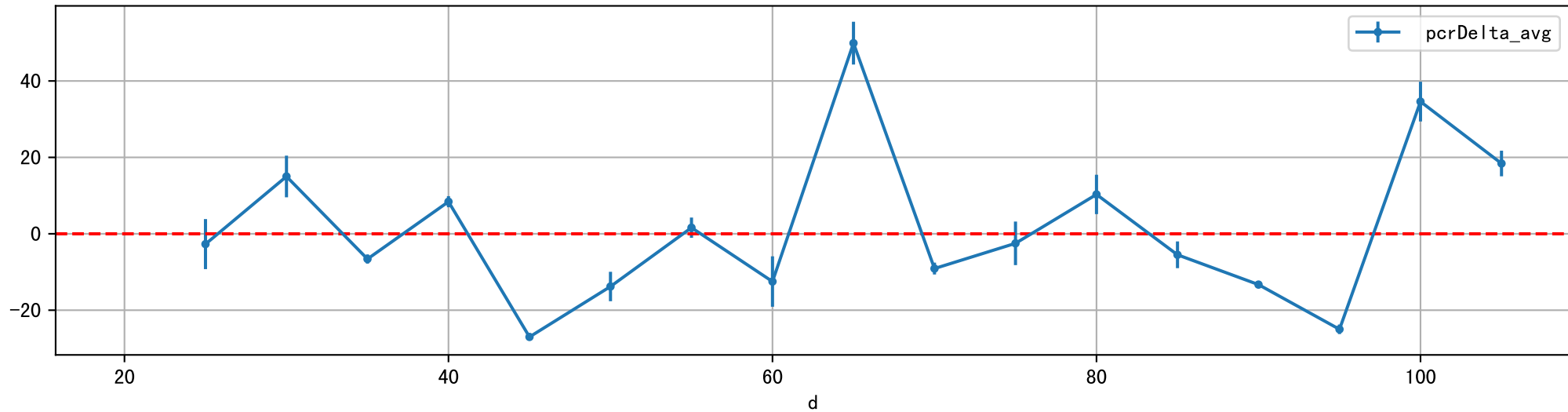
dStH: avg vs. d



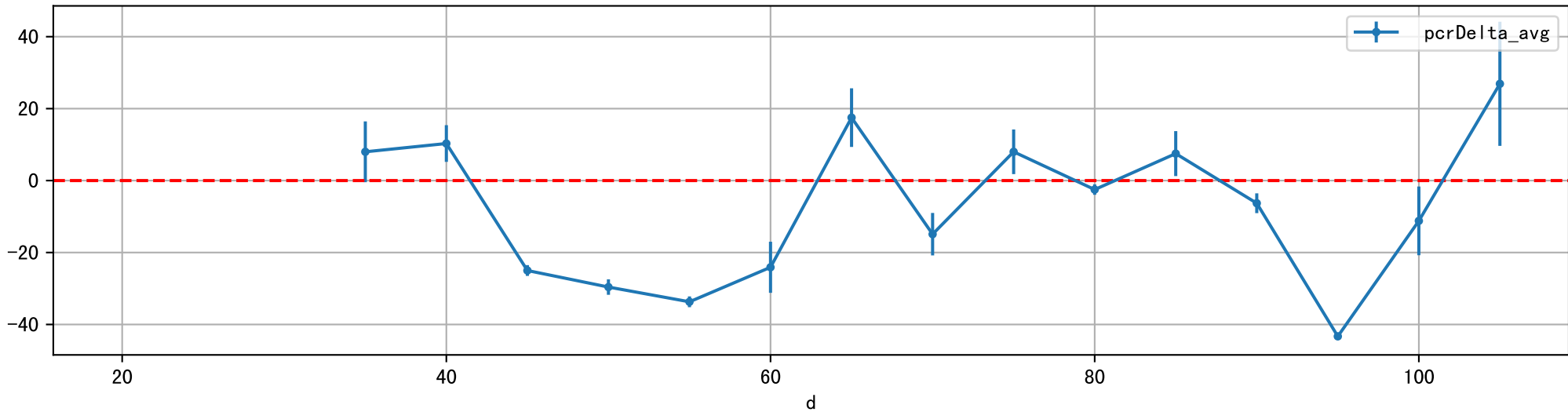
dStH: obsAvg vs obs0v@Q50



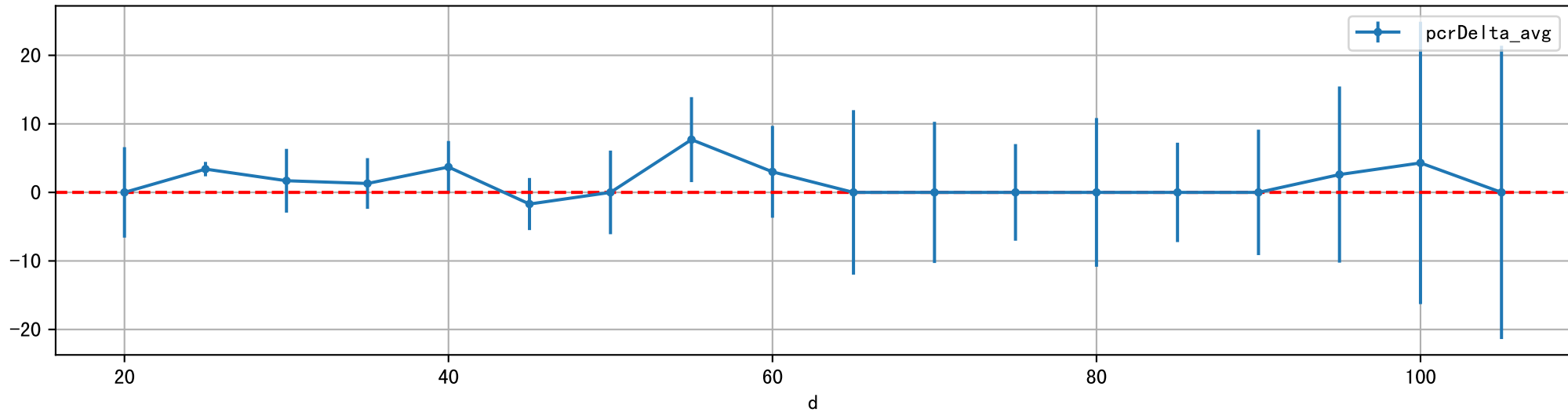
dStH: D_5d_StH



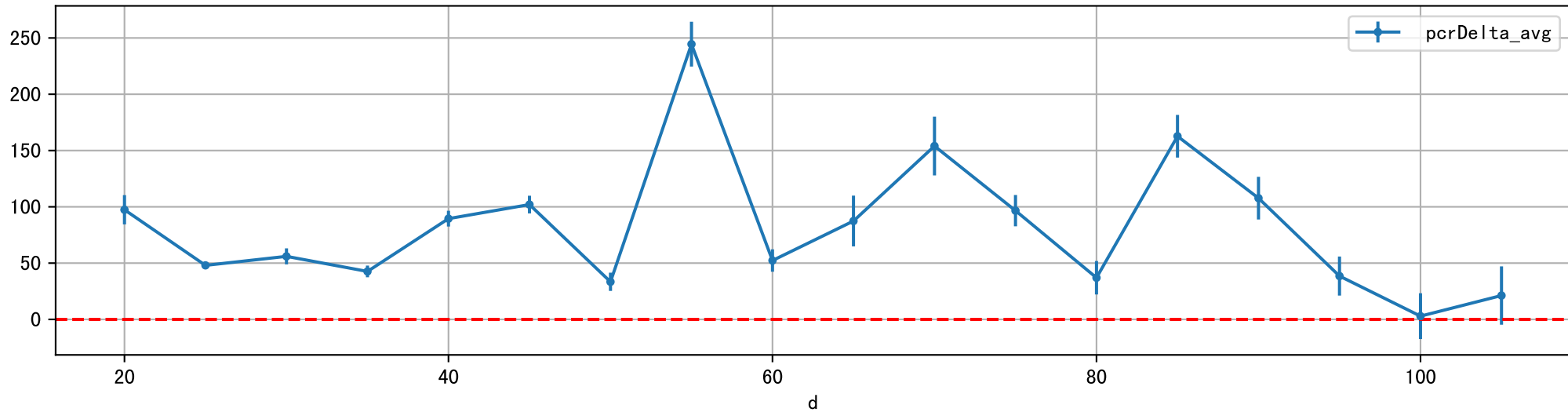
dStH: D_15d_StH



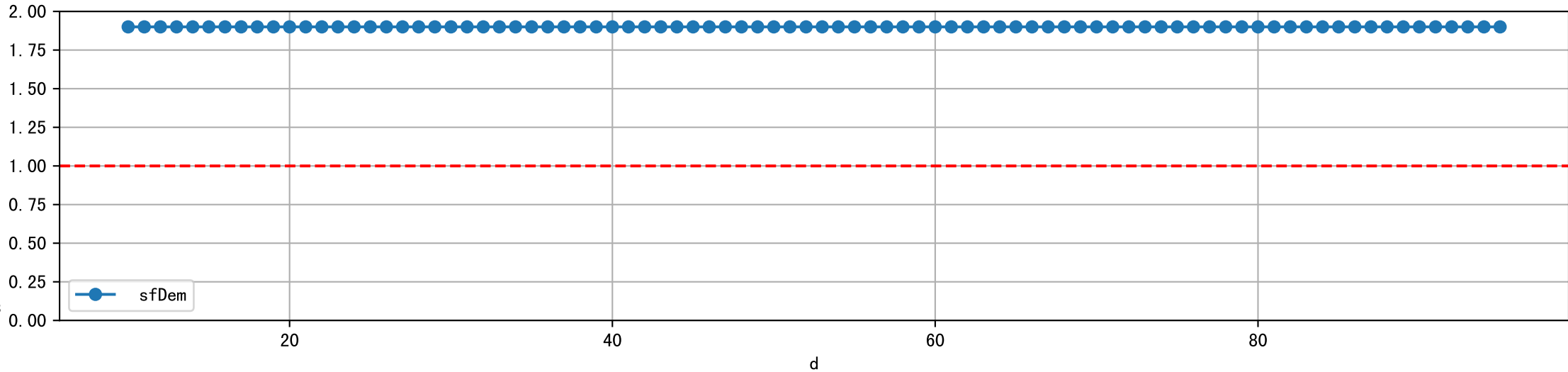
dStH: D_Q50_StH



dStH: D_Est_StH

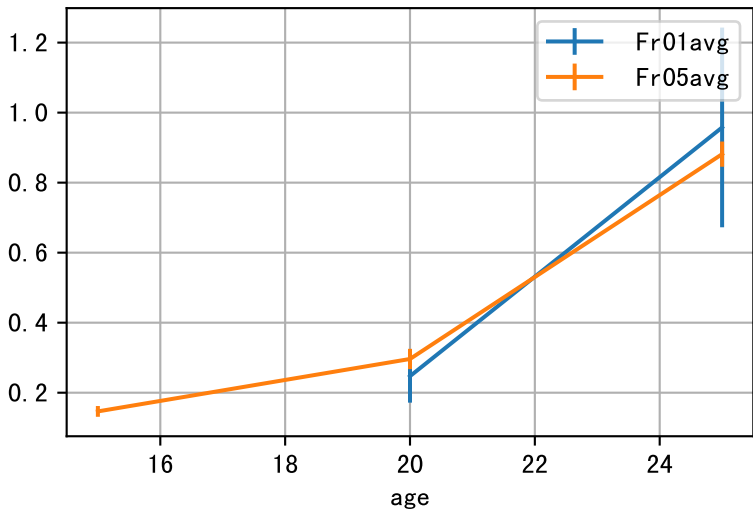


dStH: sfDem

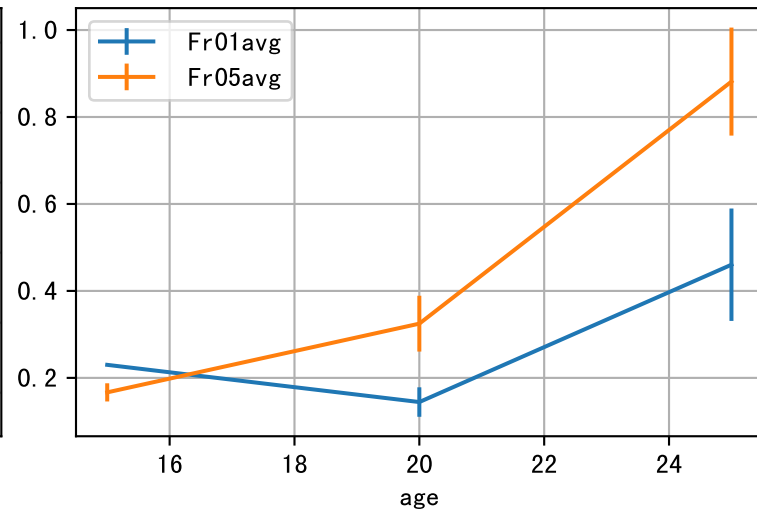


FrV: Fr01 vs Fr05 at each truss

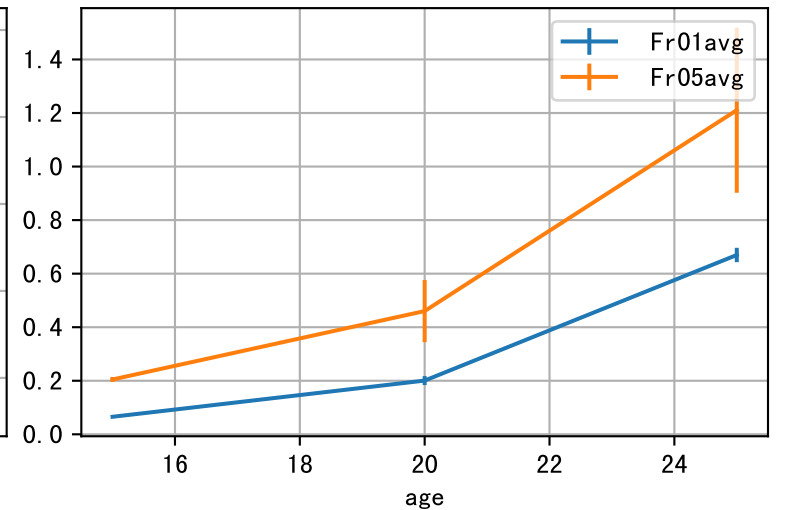
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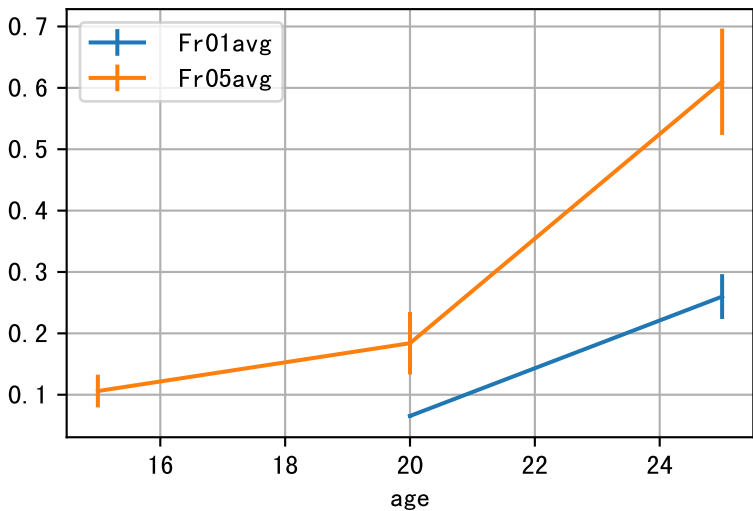
organID=T02



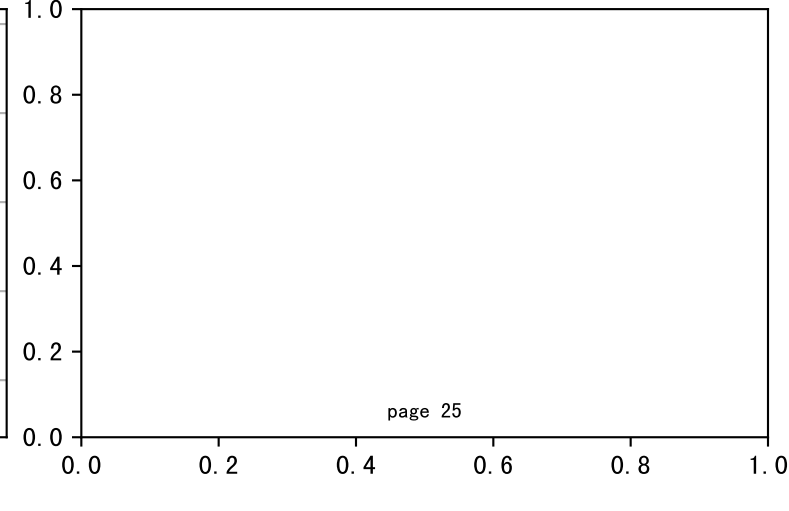
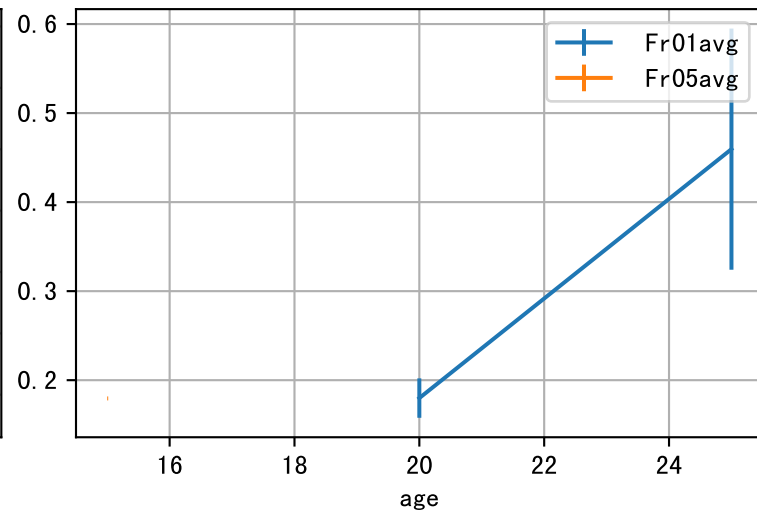
organID=T03



organID=T04

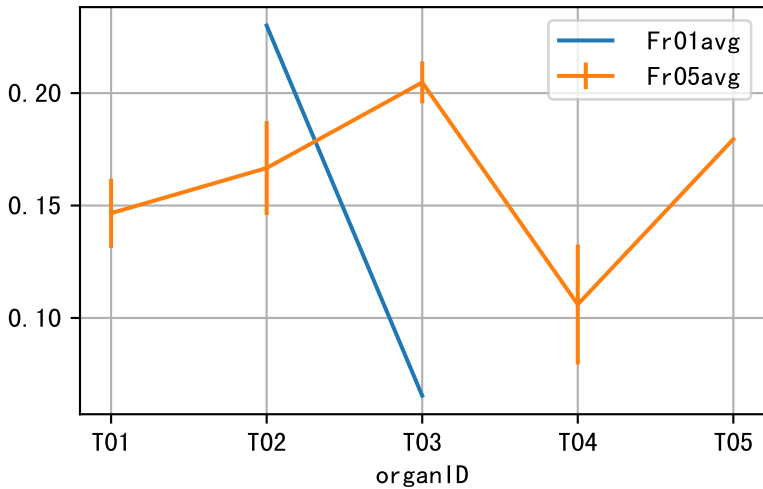


organID=T05

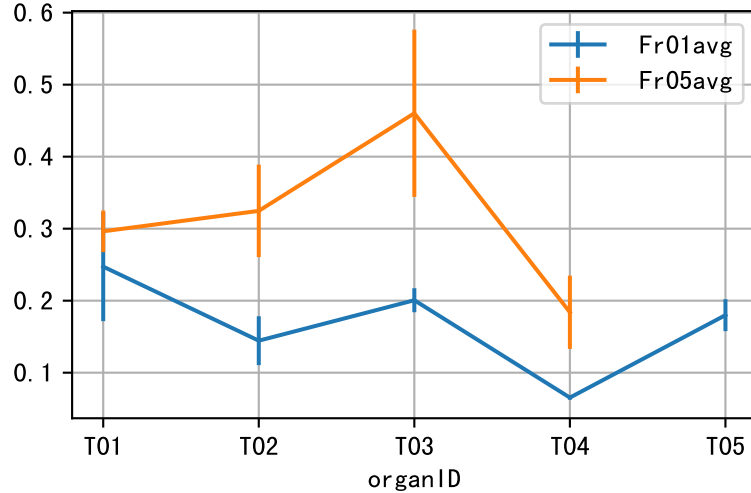


FrV trend at each age

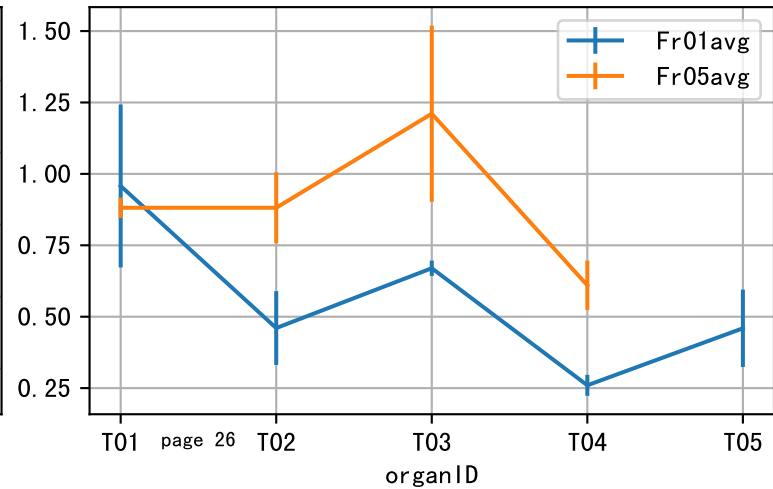
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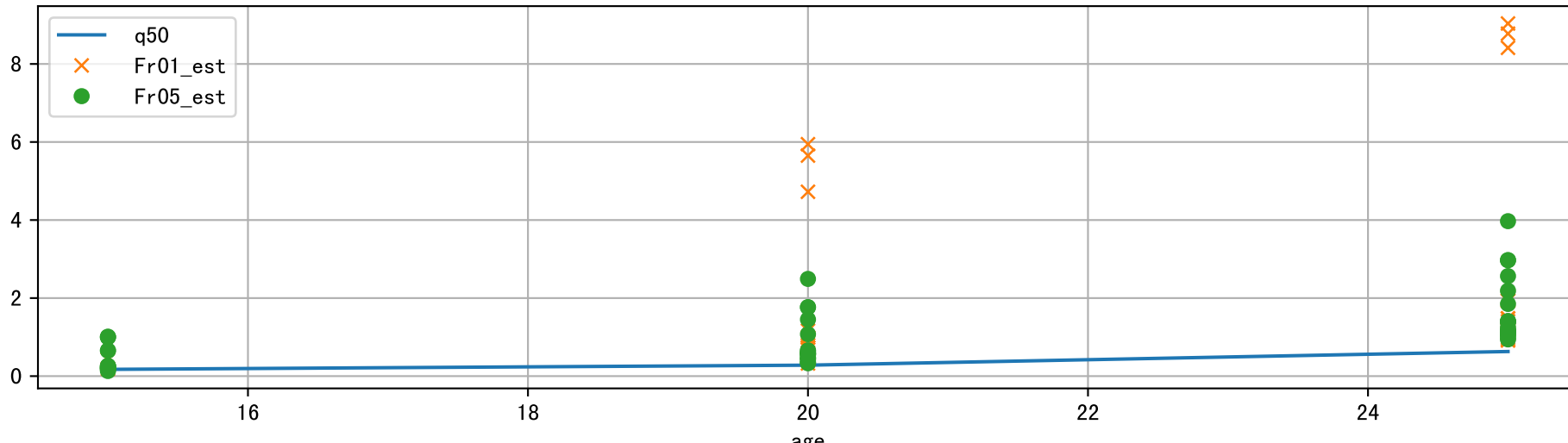
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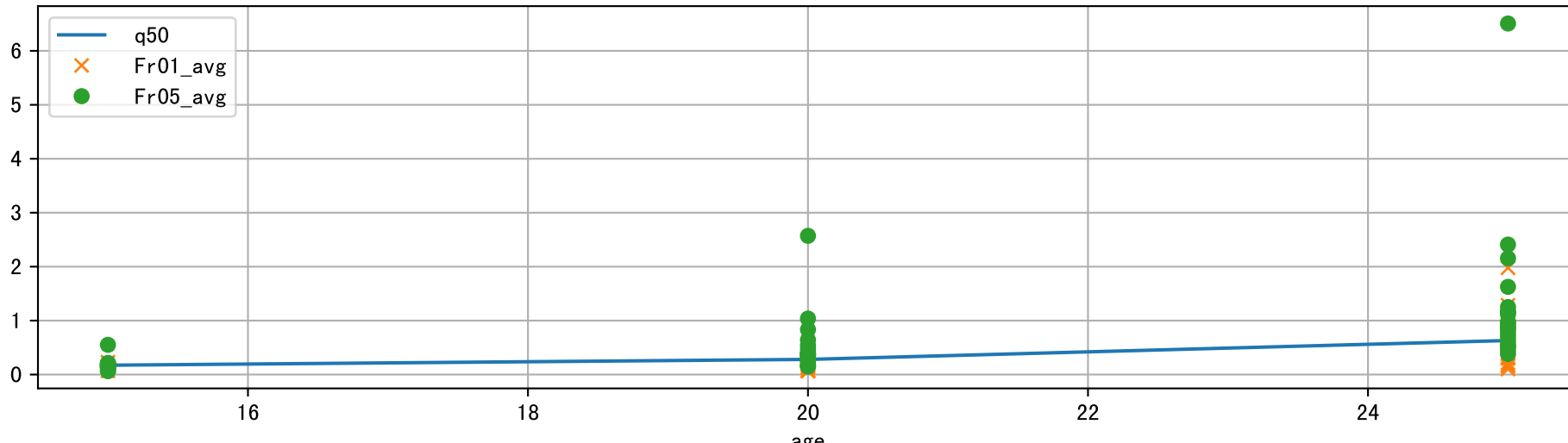
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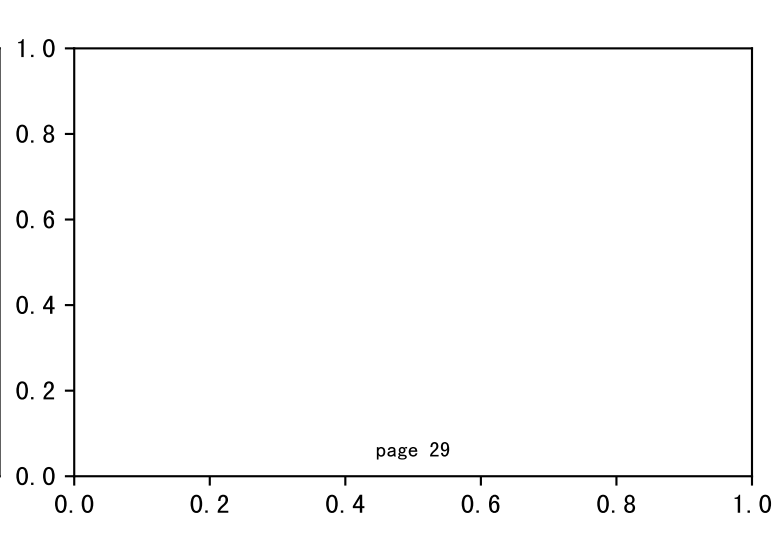
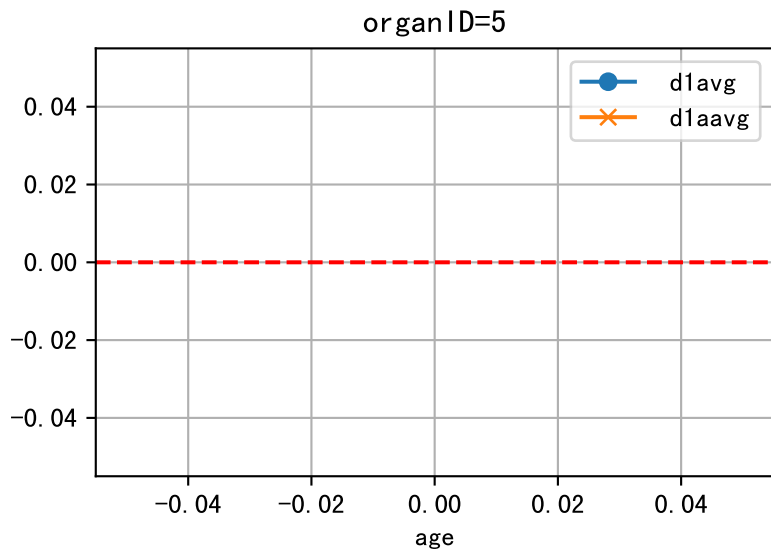
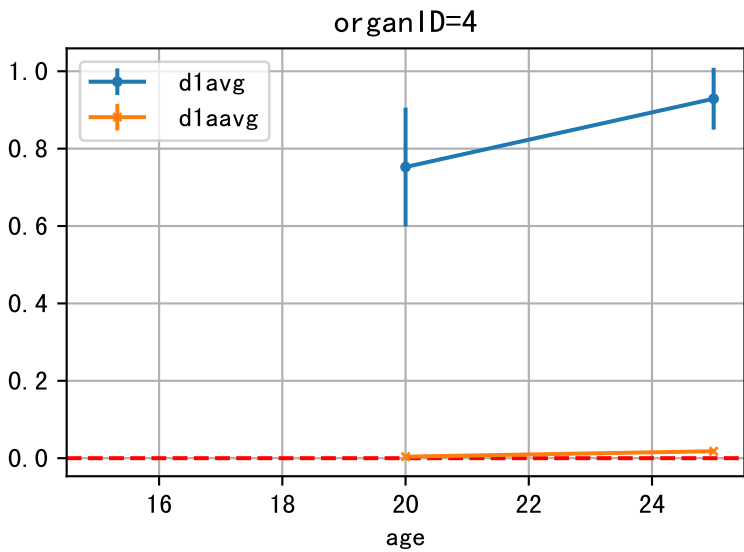
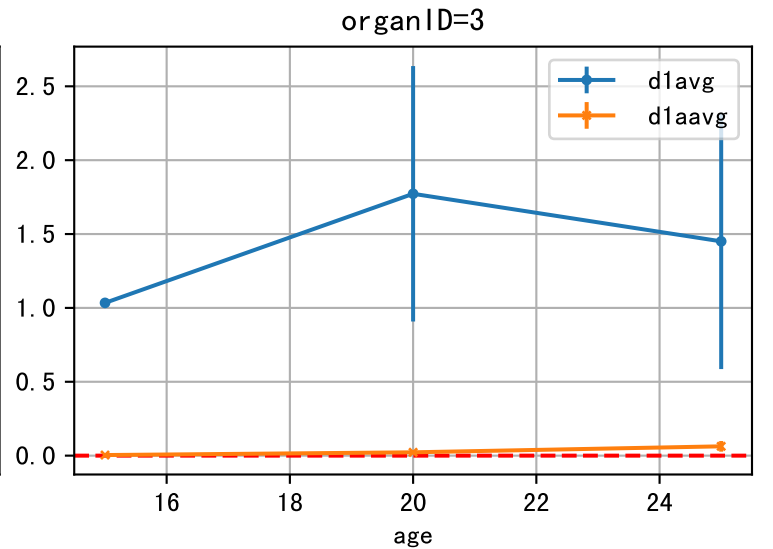
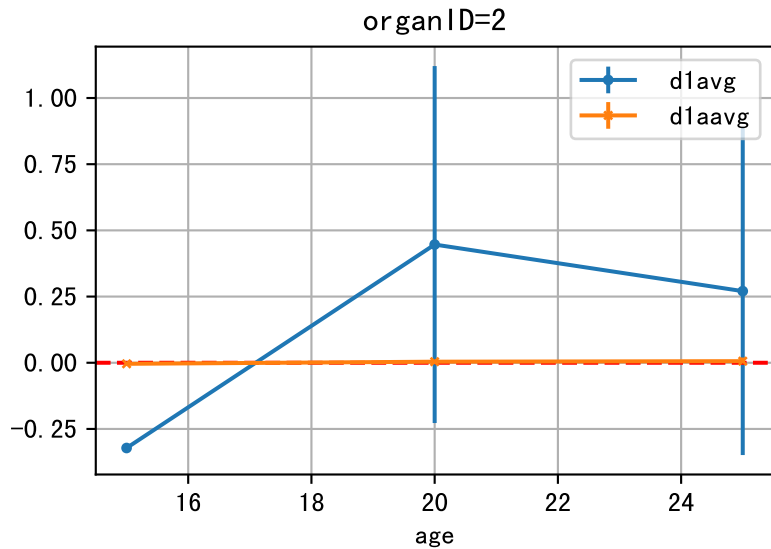
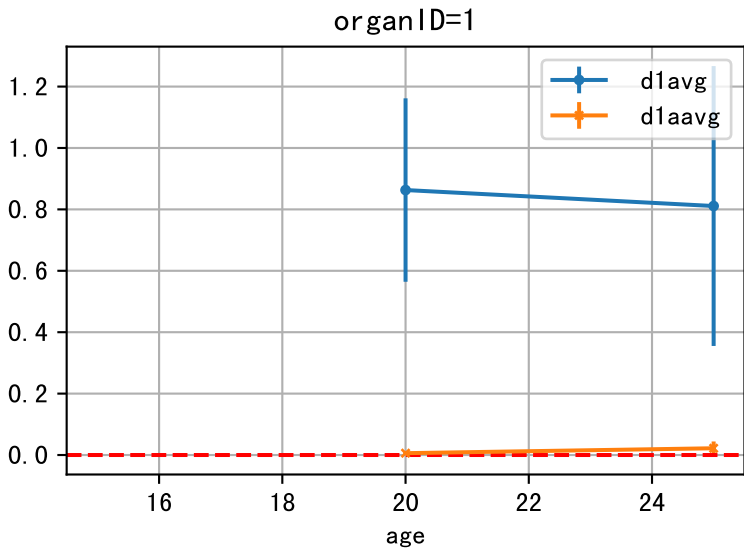


FrV: model Est vs obsFrV at Q90

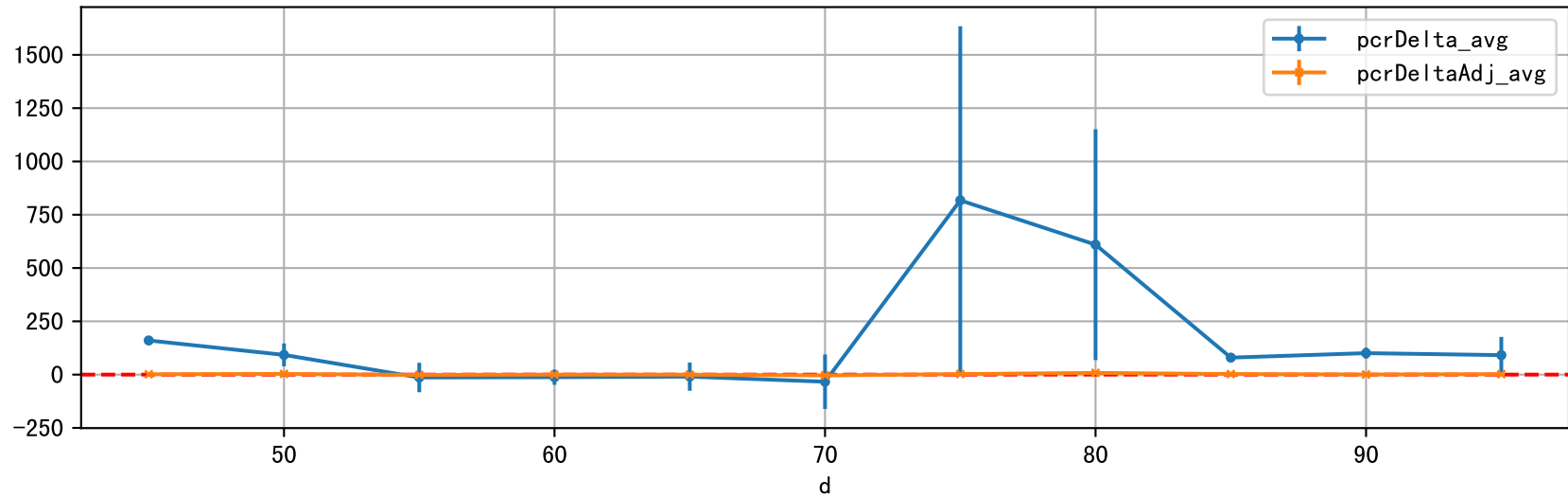


FrV: obsFrV vs obsFrV@Q90

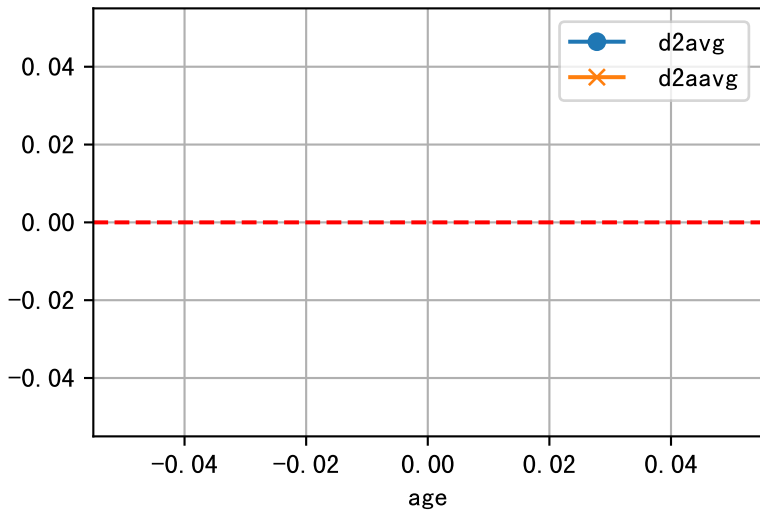




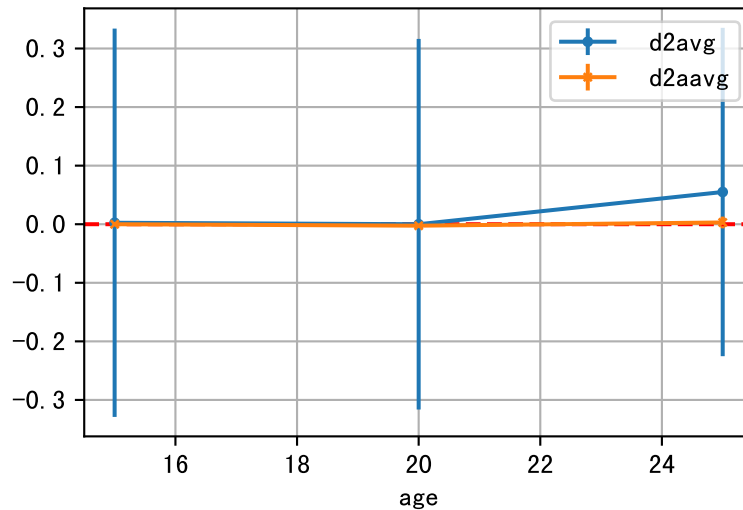
P10AE FrV: D_Fr1_FrV



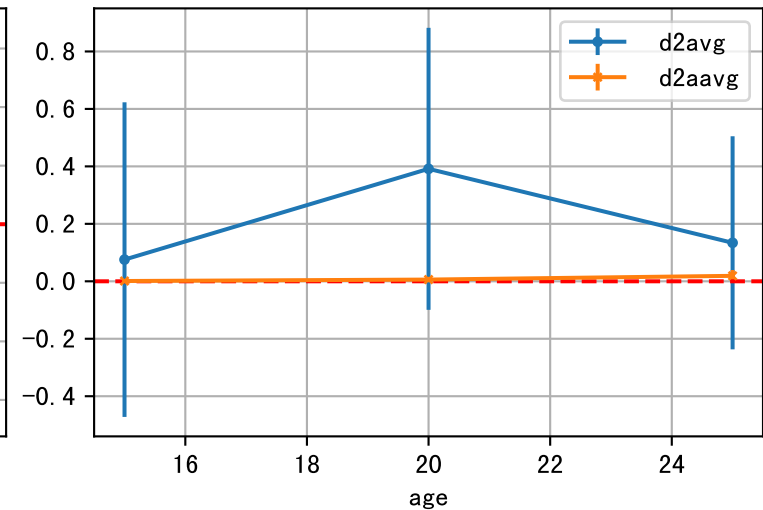
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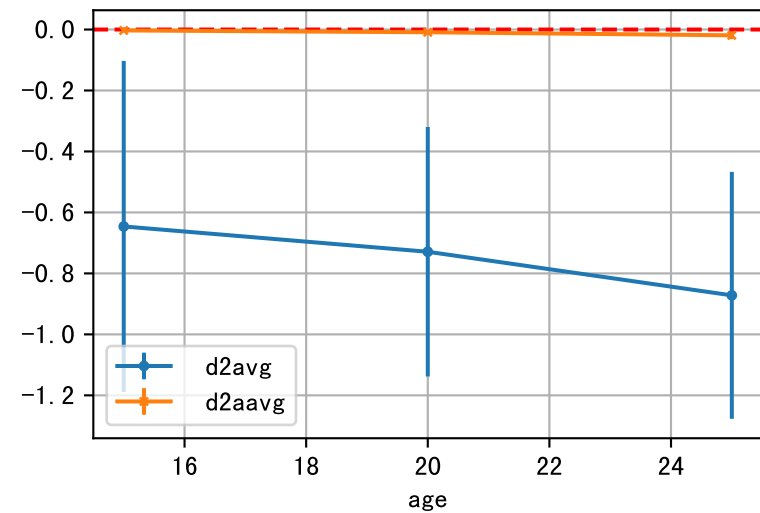
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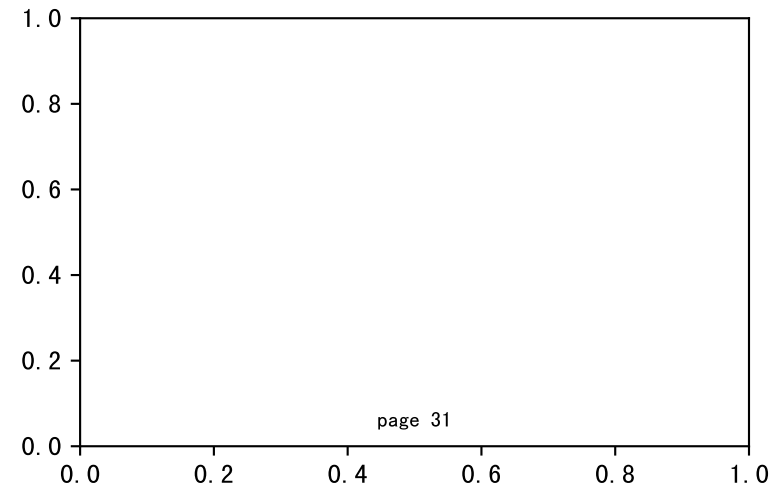
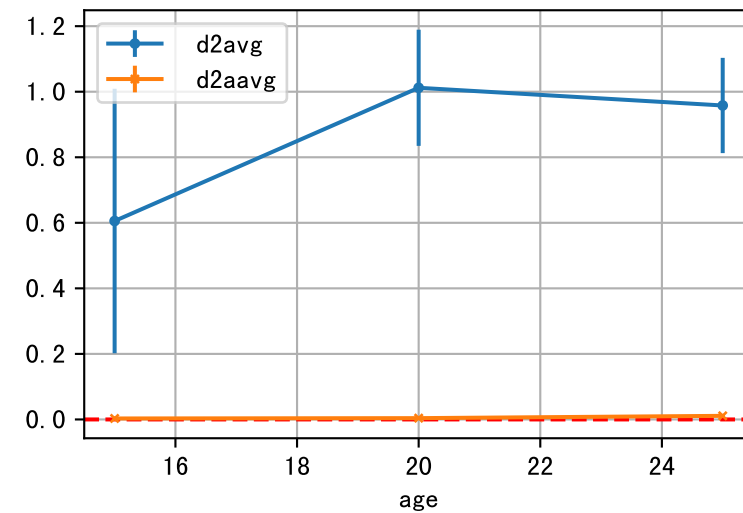
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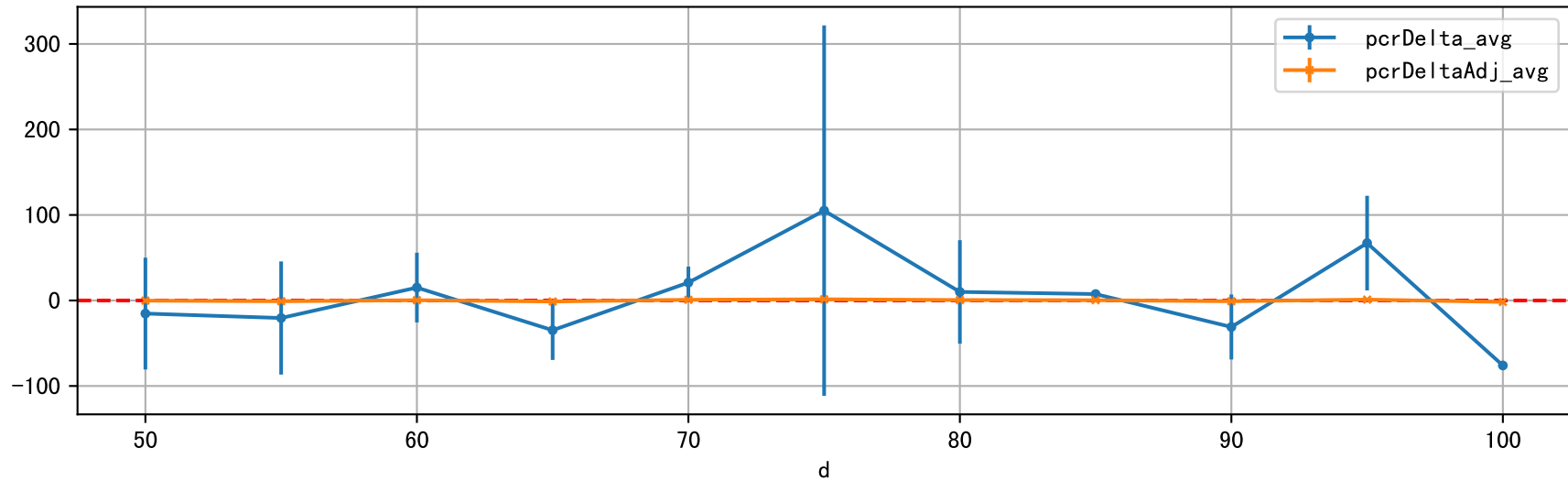
organID=4



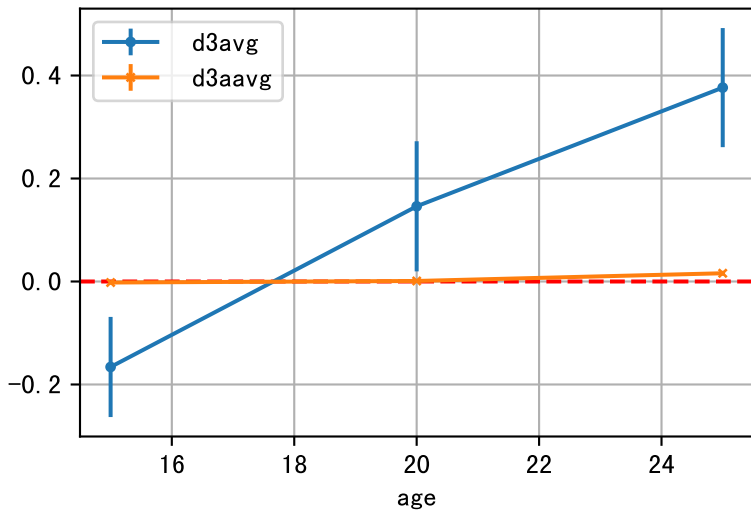
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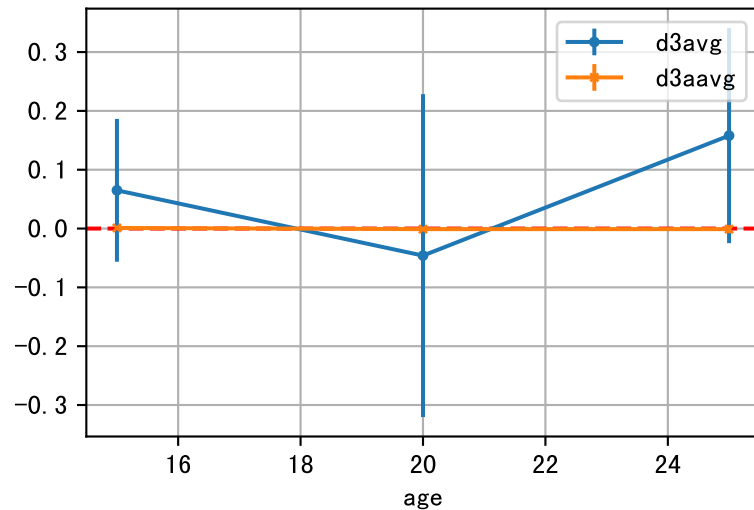
P10AE FrV: D_Ts_FrV



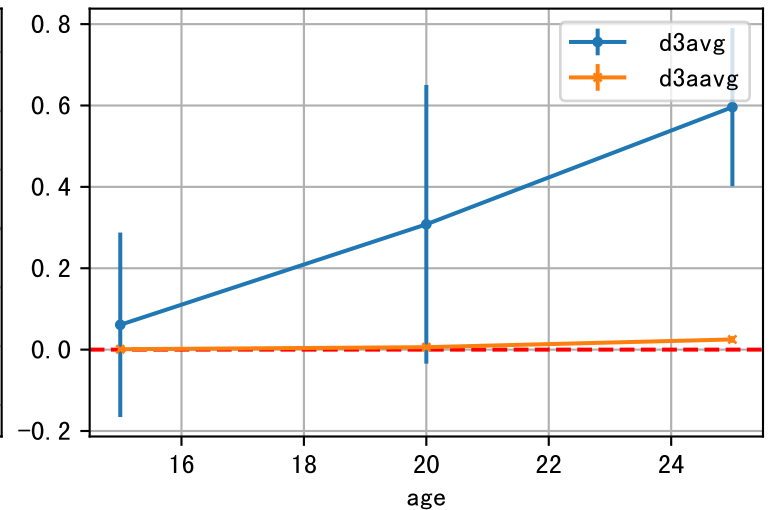
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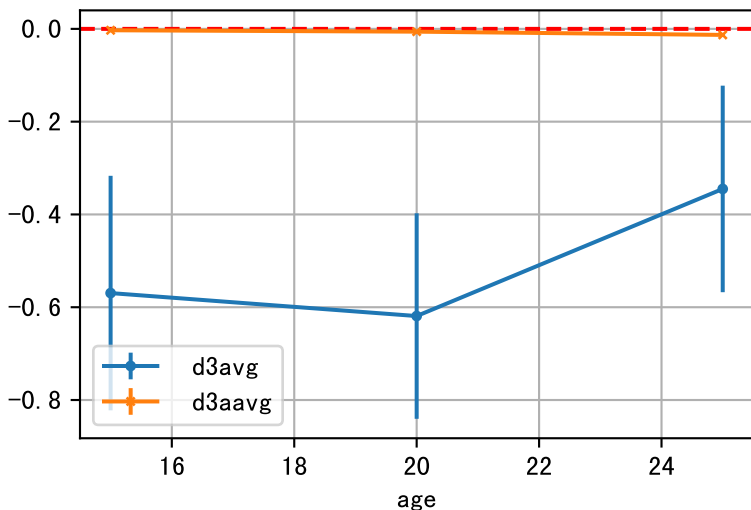
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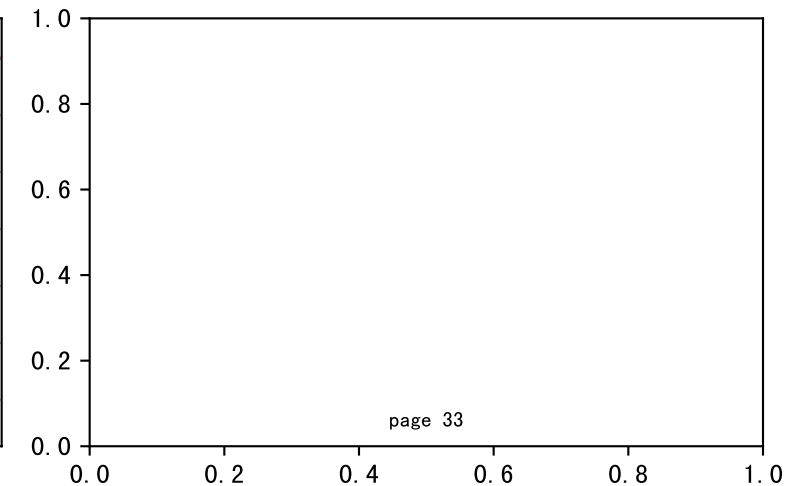
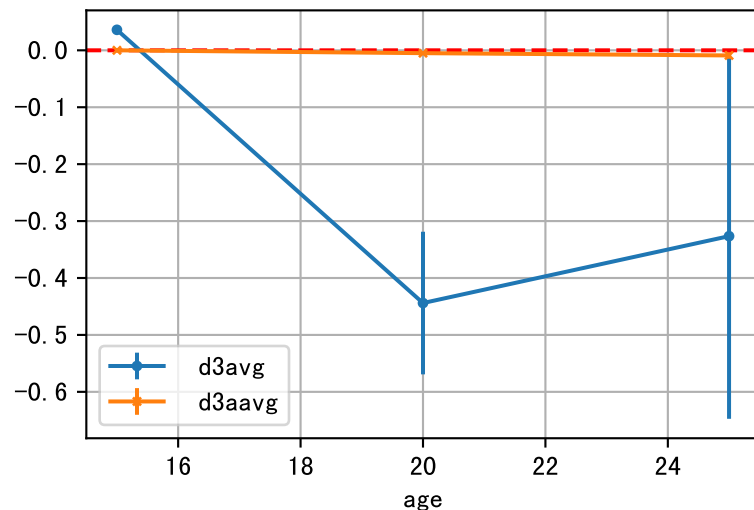
organID=3



organID=4



organID=5



P10AE FrV: D_Q50_FrV

