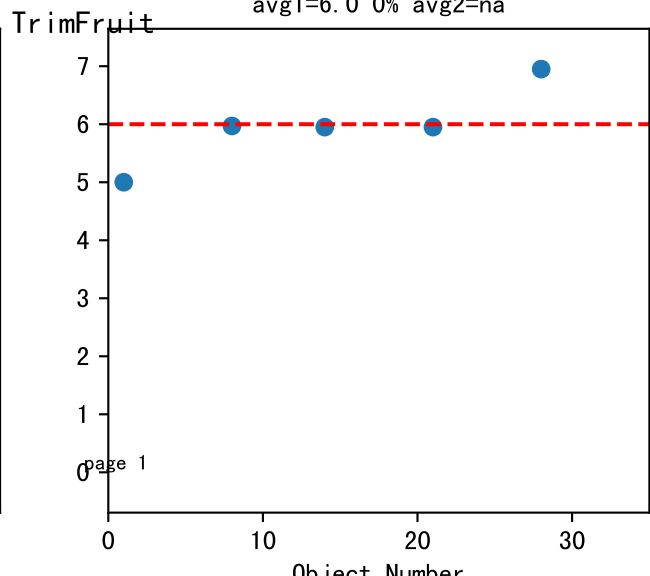
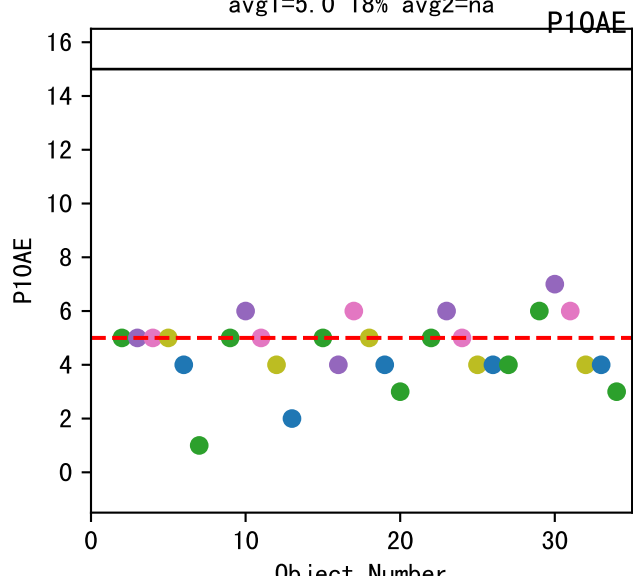


Phenotype Data Analysis Plots
PhenoData day range = 18 - 152
Analysis cutoff day = 152
NC11 P10
2026-03-20 (Day 153)

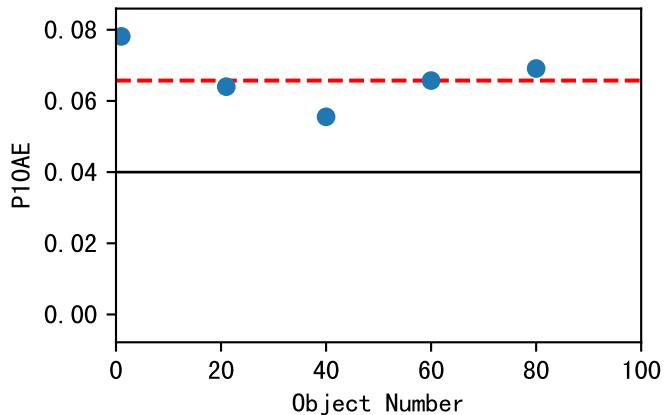
avg1=0.00% avg2=na
P10AE TrimTruss



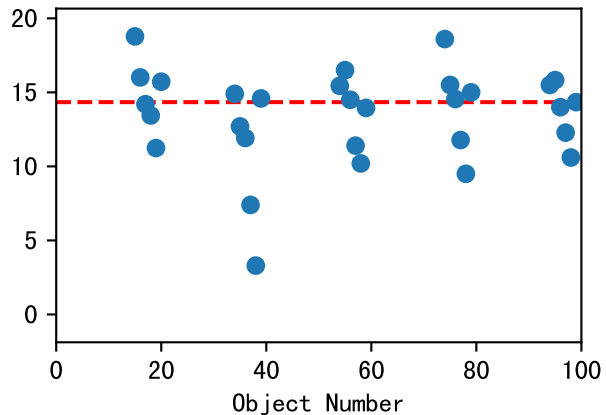
page 1



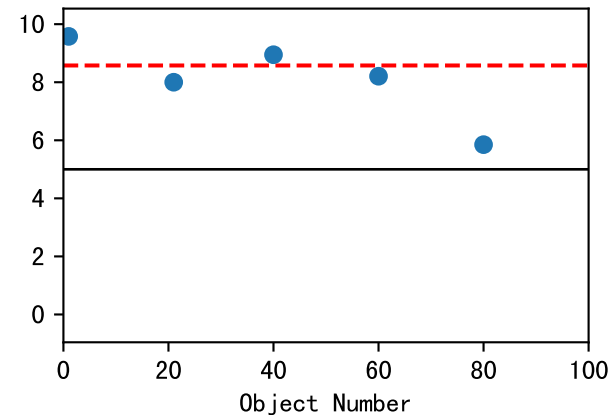
LTA_Q90AbsY (Def=0.04 Set=0.04)
avg1=0.07~4% avg2=na



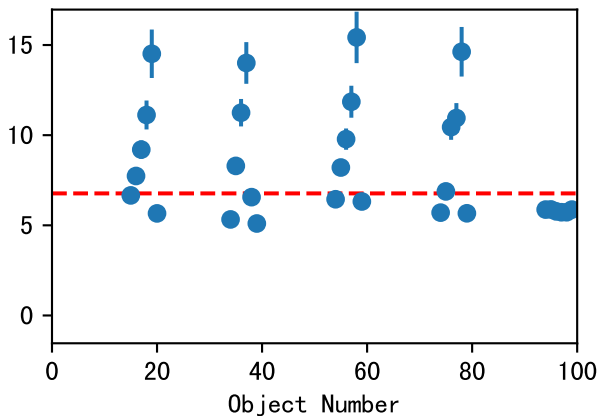
Ndd_avgAbsY (Def=na Set=14.34)
avg1=14.1~18% avg2=na



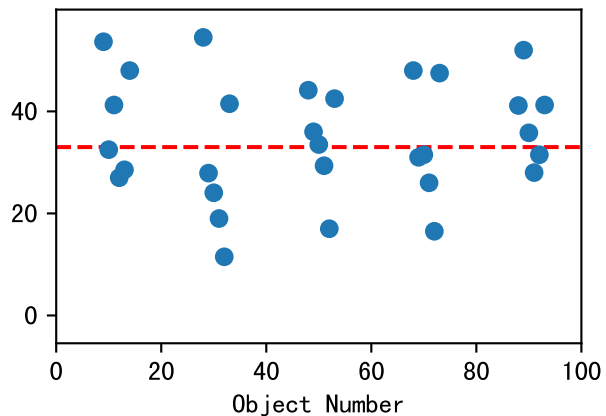
NdL_Q90AbsY (Def=5 Set=8.58)
avg1=8.58~8% avg2=na



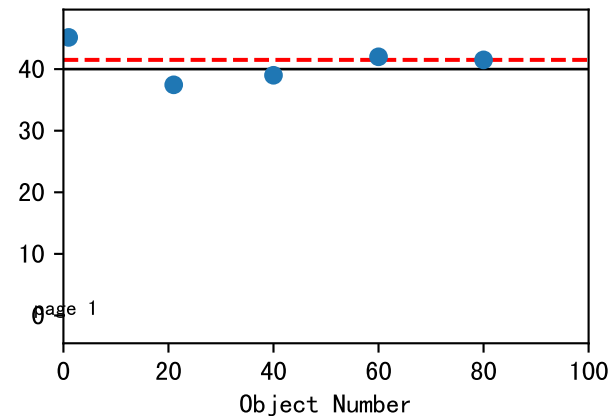
NdL_avgAbsY (Def=na Set=6.77)
avg1=6.77~47% avg2=na



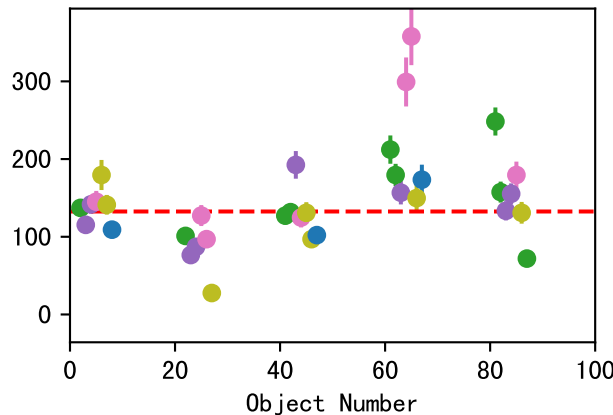
LfW_avgAbsY (Def=na Set=33.0)
avg1=33.0~35% avg2=na



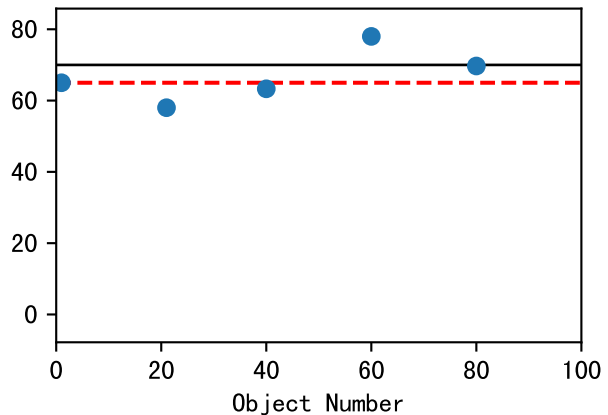
LfL_Q90AbsY (Def=40 Set=41.5)
avg1=41.5~7% avg2=na



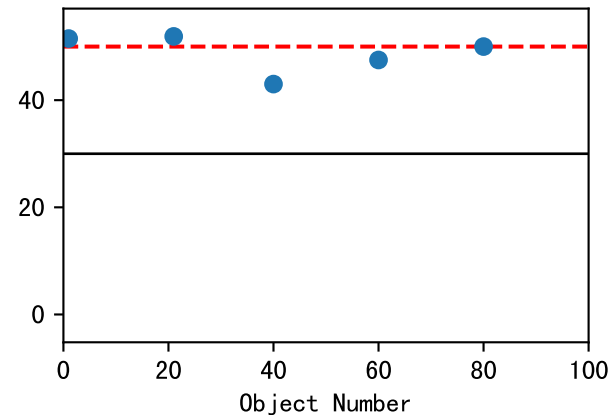
FrV_avgAbsY (Def=na Set=132.53)
avg1=132.53~33% avg2=na



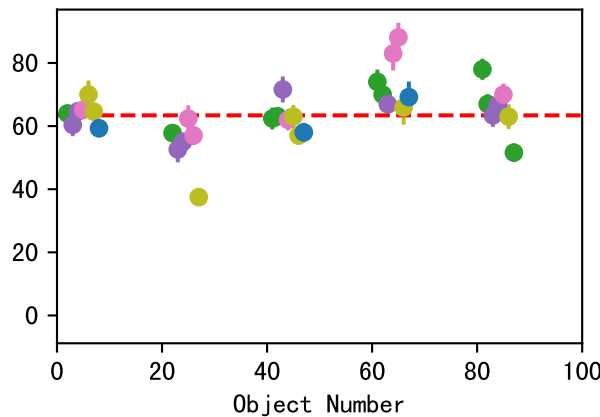
FrD_avgAbsY (Def=70 Set=65.0)
avg1=65.0~12% avg2=na



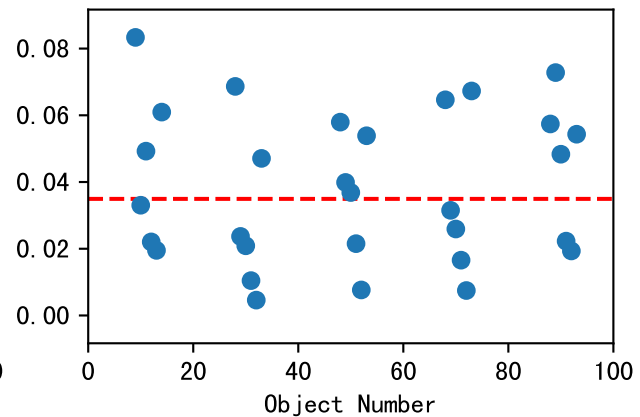
LfV_avgAbsY (Def=30 Set=50.0)
avg1=50.0~7% avg2=na



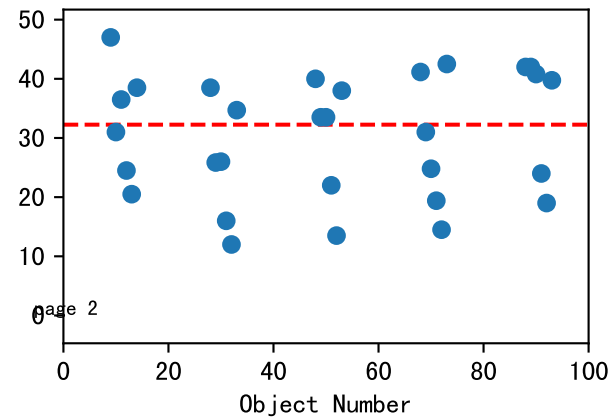
FrD_avgAbsY (Def=na Set=63.4)
avg1=63.4~10% avg2=na



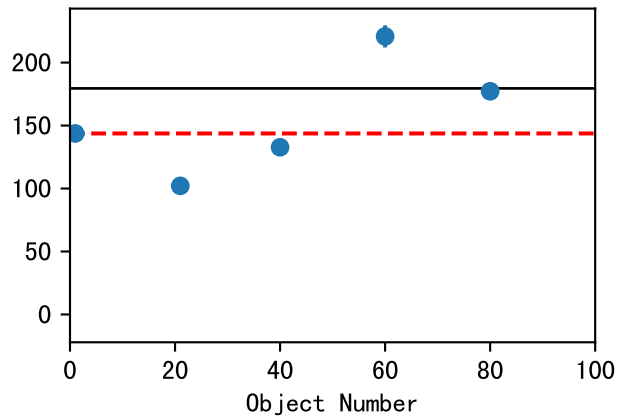
LfA_avgAbsY (Def=na Set=0.03)
avg1=0.03~63% avg2=na



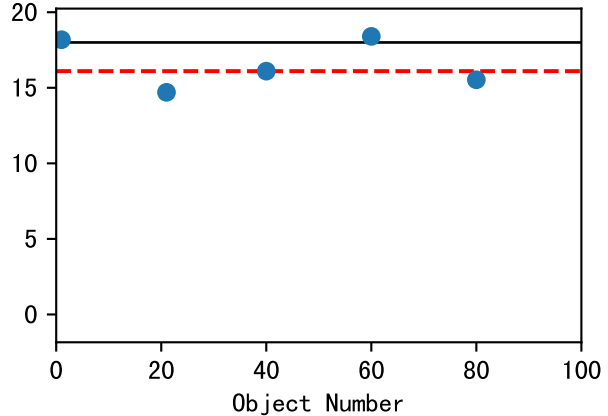
LfL_avgAbsY (Def=na Set=32.25)
avg1=32.25~32% avg2=na



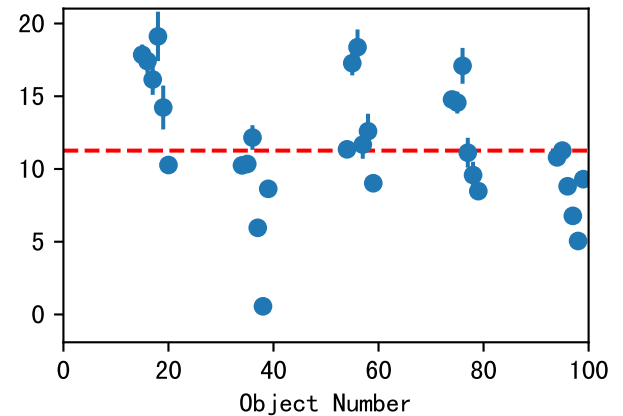
FRV_Q90AbsY (Def=179.5 Set=143.72)
avg1=143.72~32% avg2=na



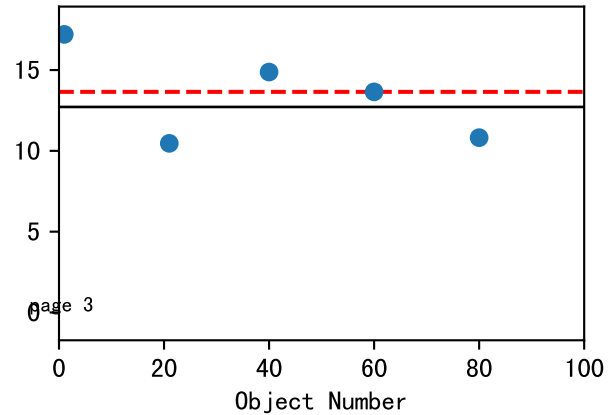
NdV_Q90AbsY (Def=18 Set=16.1)
avg1=16.1~10% avg2=na



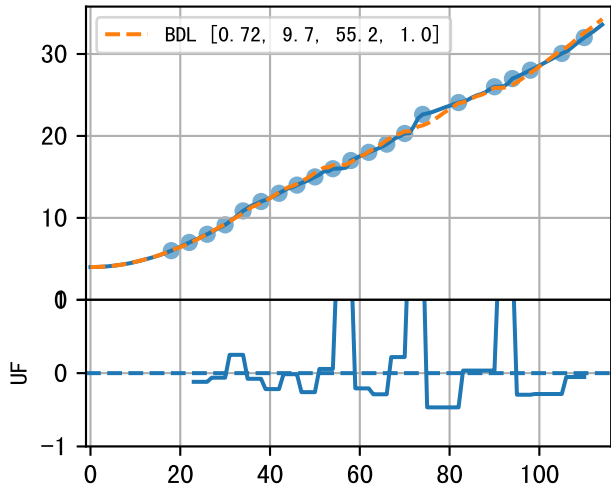
Ndv_avgAbsY (Def=na Set=11.26)
avg1=11.26~35% avg2=na



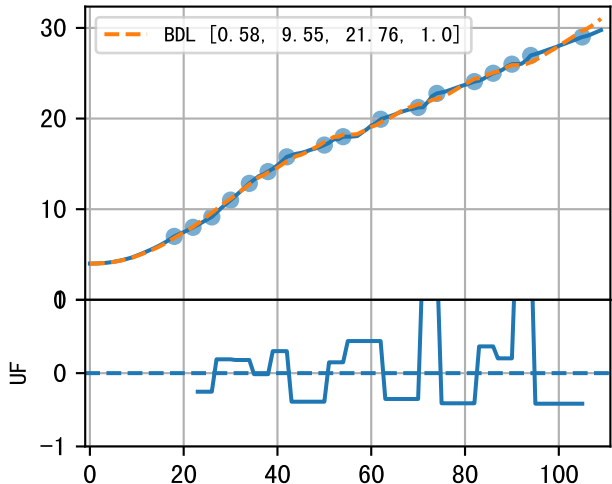
NdV_Q90AbsY (Def=12.72 Set=13.65)
avg1=13.65~21% avg2=na



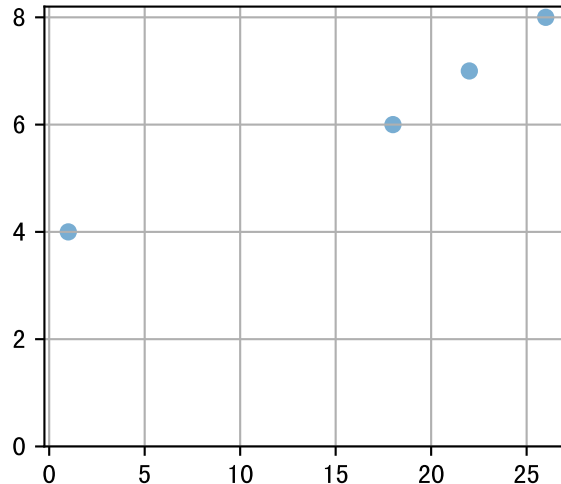
P10AE-081-12 (fit failed)



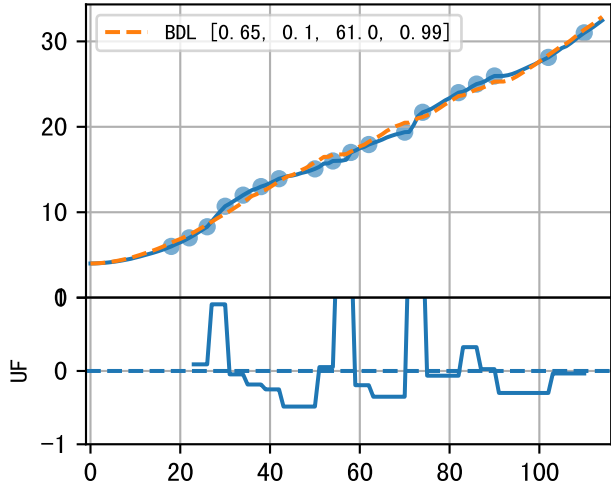
P10AE-087-27 (fit failed)



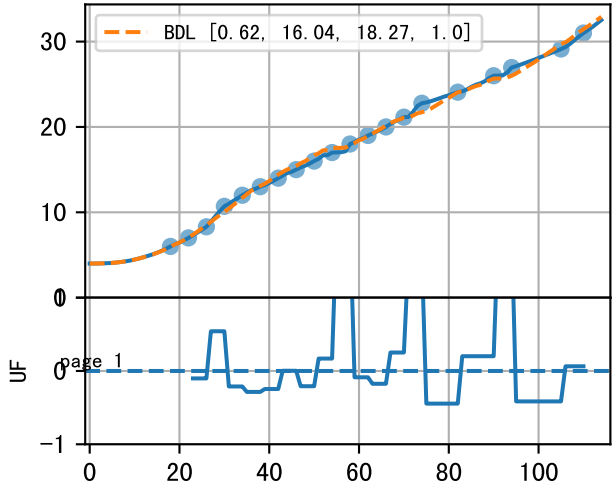
P10AE-095-20 (fit failed)



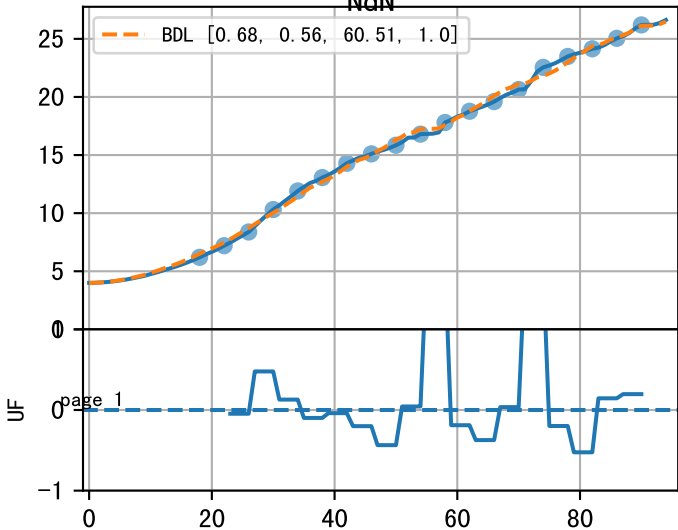
P10AE-103-32 (fit failed)



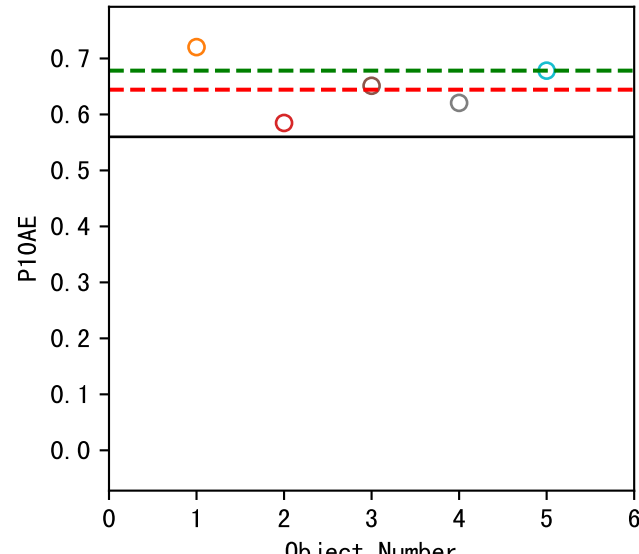
P10AE-114-7 (fit failed)



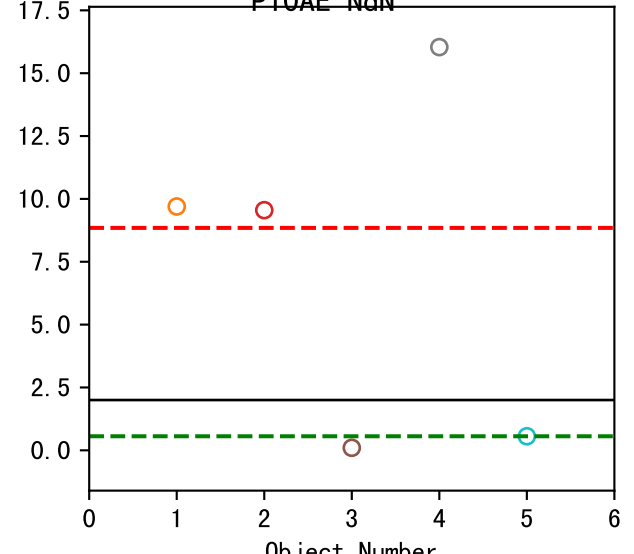
PIOAEavg (left-tailed)



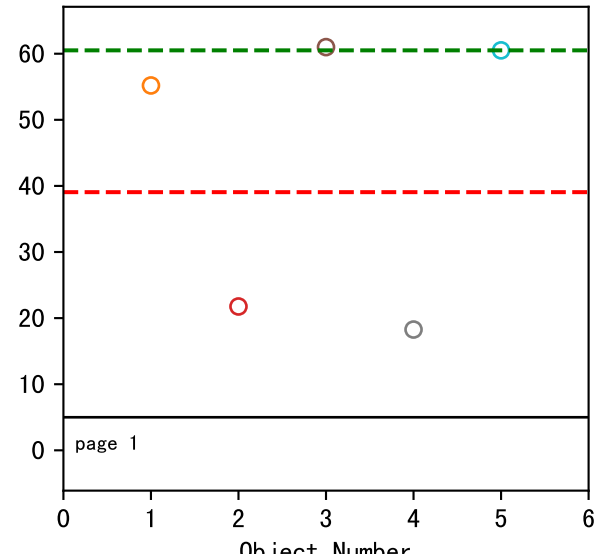
avg1=0.64 (fail) avg2=0.68

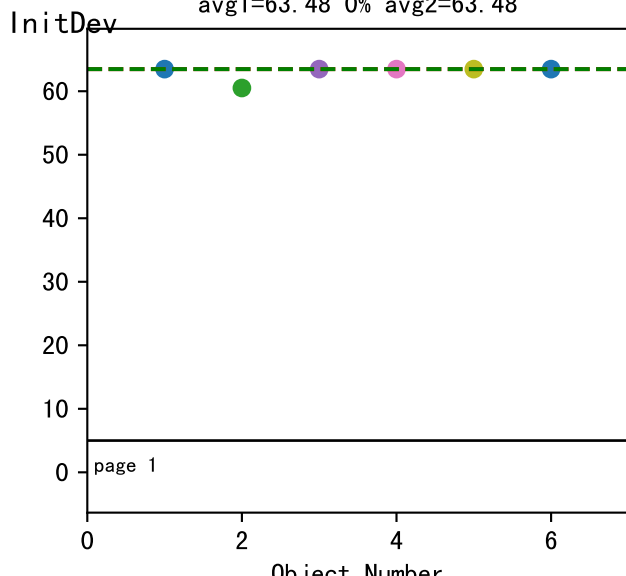
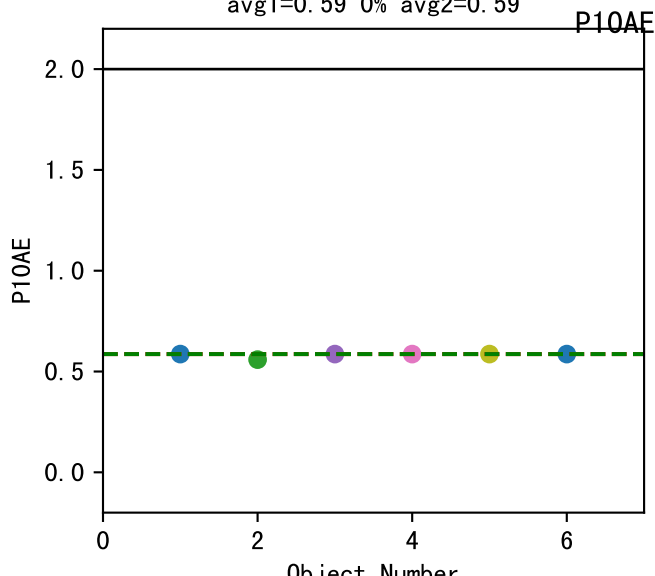


avg1=8.85 (fail) avg2=0.56

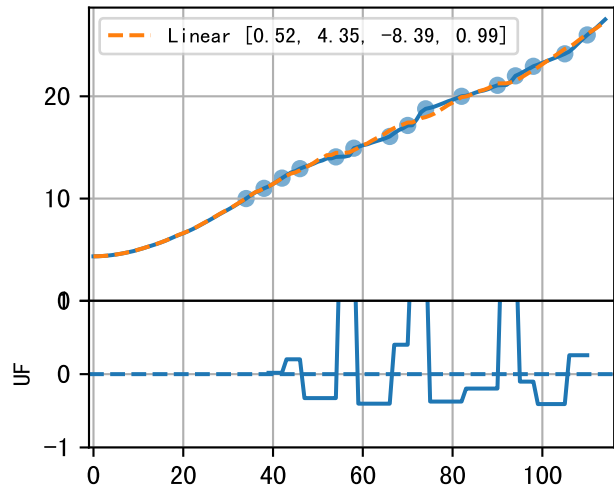


avg1=39.06 (fail) avg2=60.51

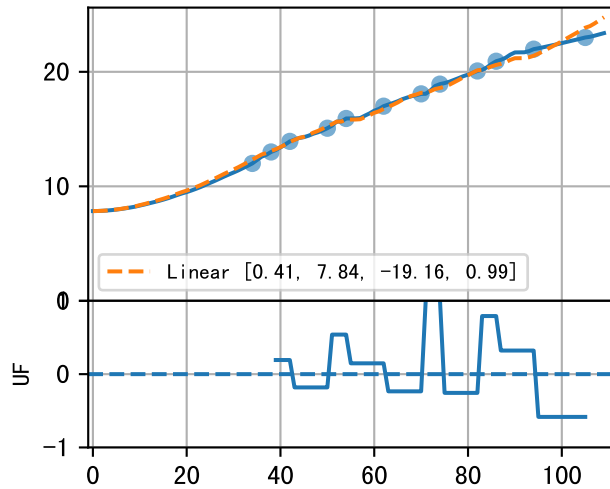




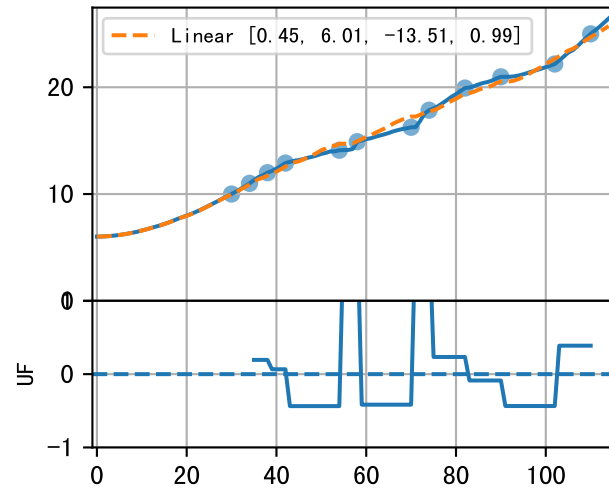
P10AE-081-12



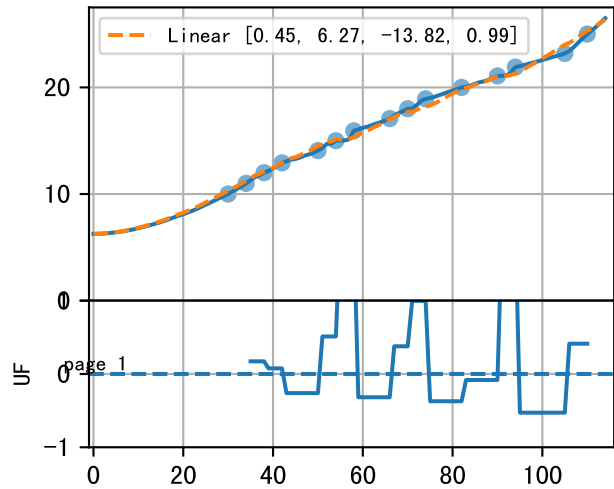
P10AE-087-27



P10AE-103-32

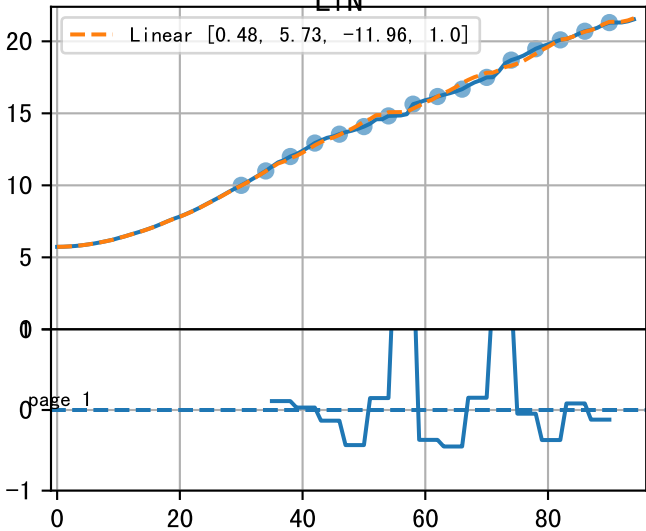


P10AE-114-7

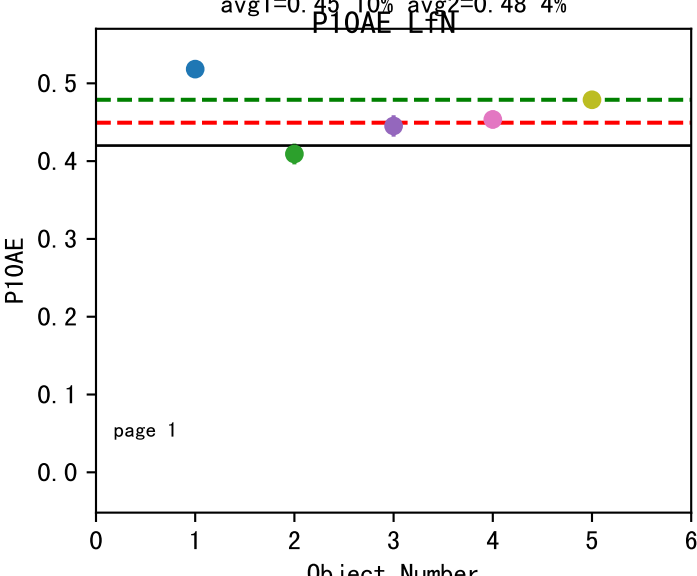


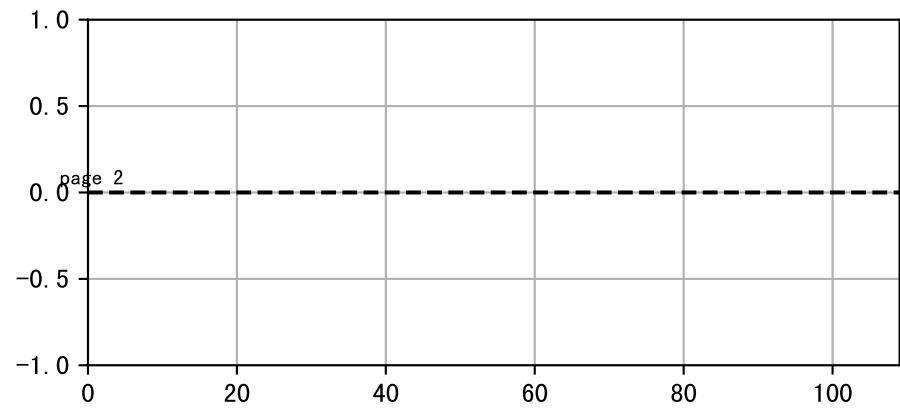
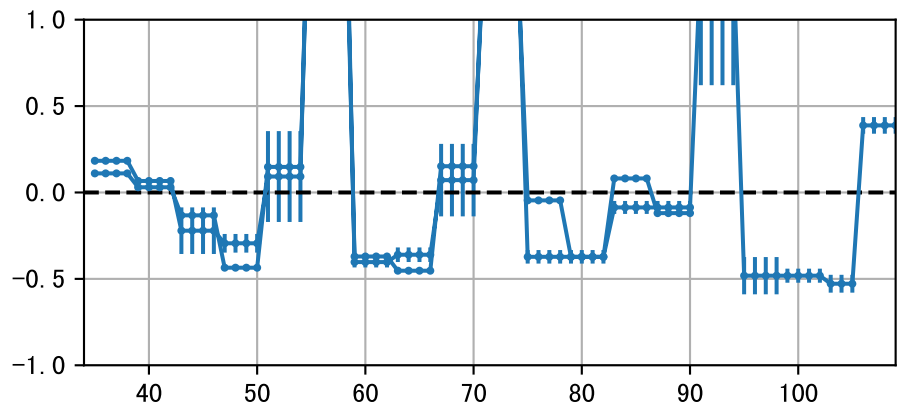
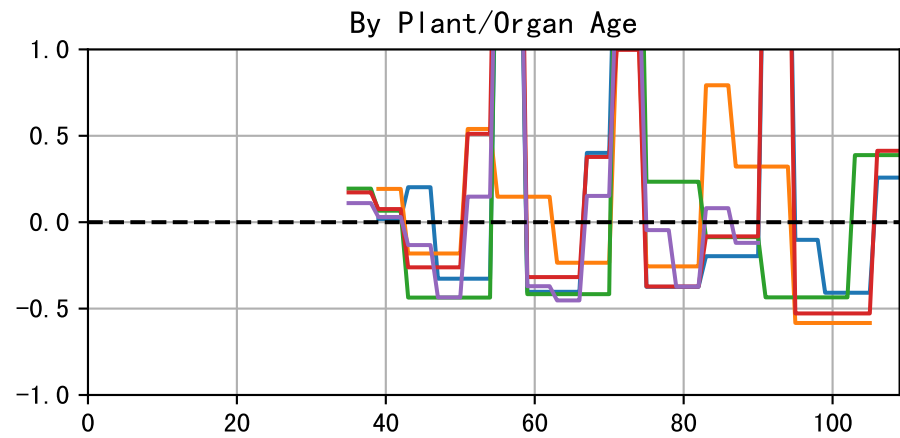
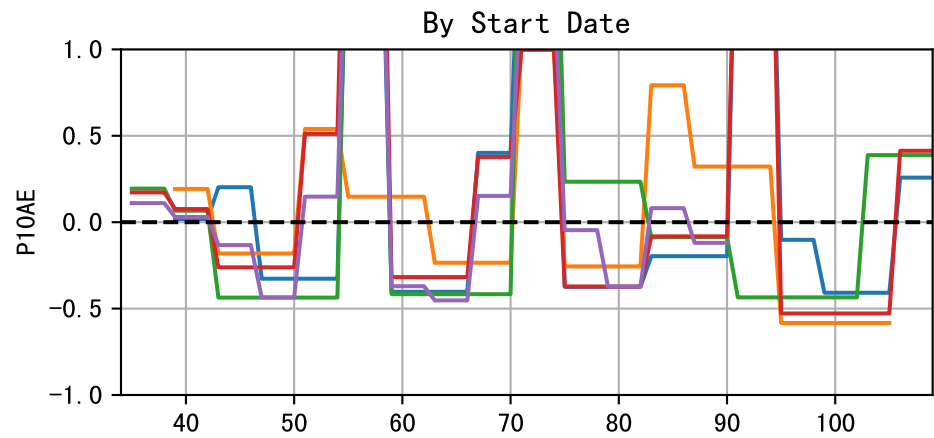
PTUARavg
Lfn

Linear [0.48, 5.73, -11.96, 1.0]

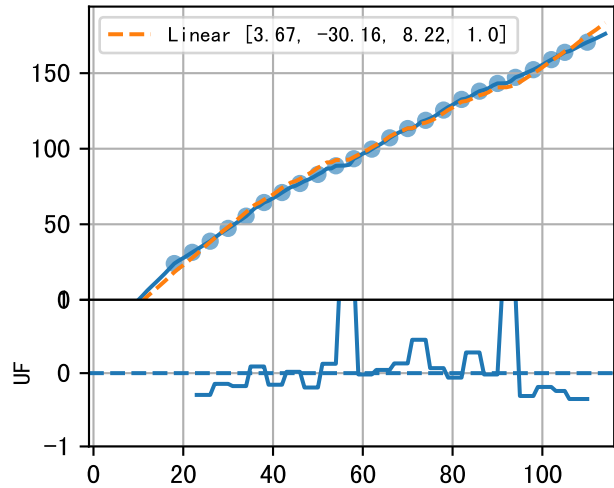


UF page 1

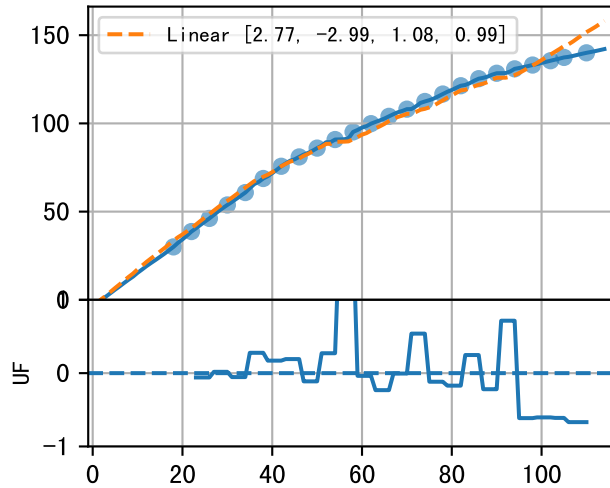




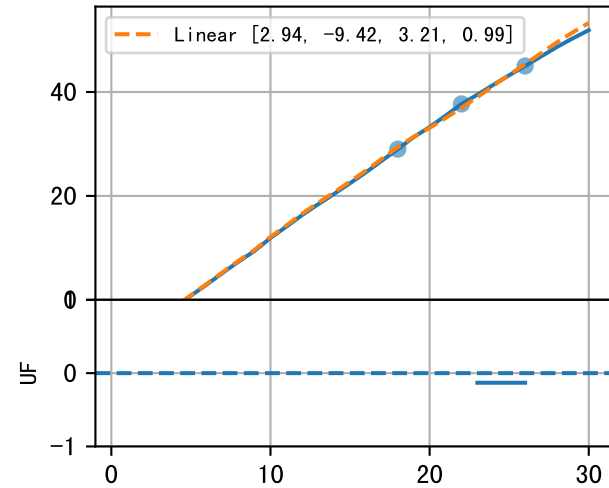
P10AE-081-12



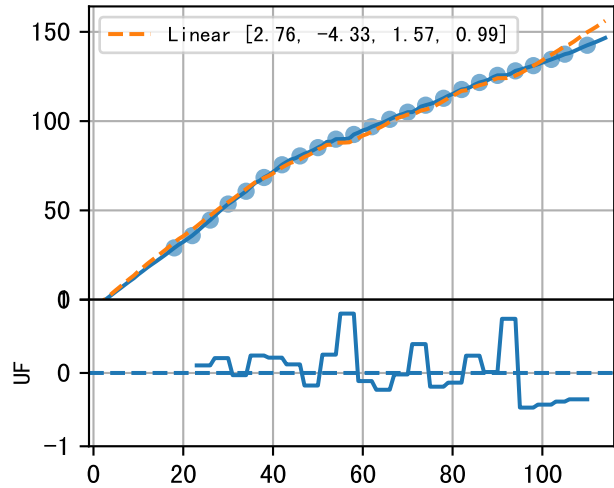
P10AE-087-27



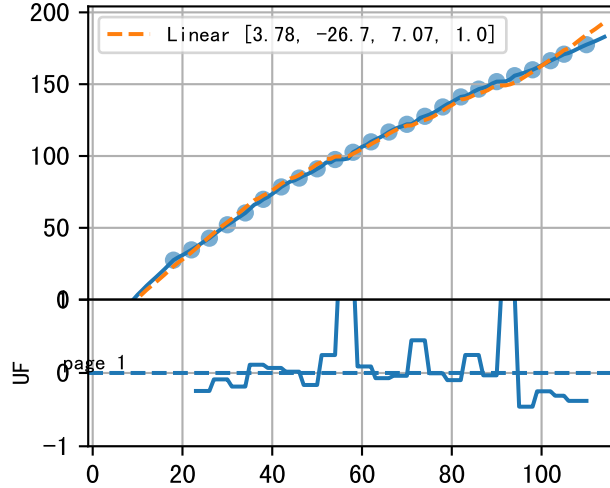
P10AE-095-20

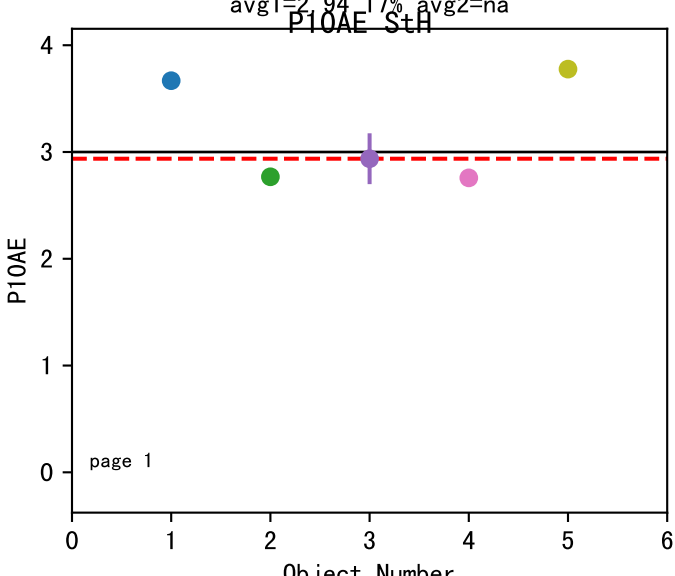


P10AE-103-32

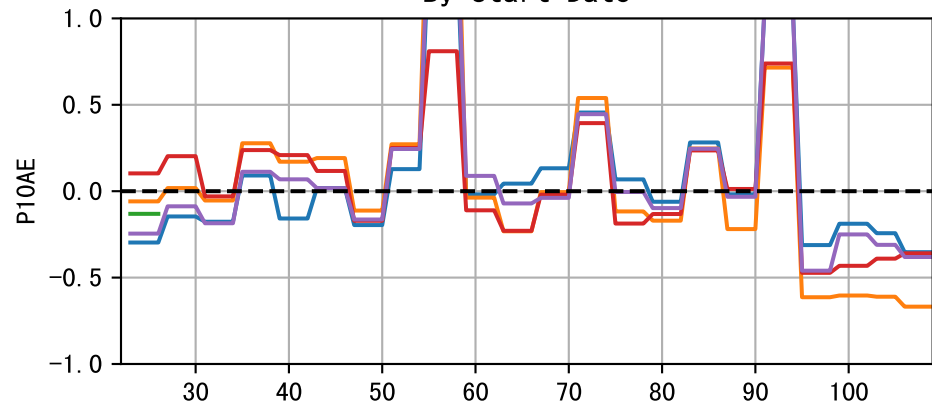


P10AE-114-7

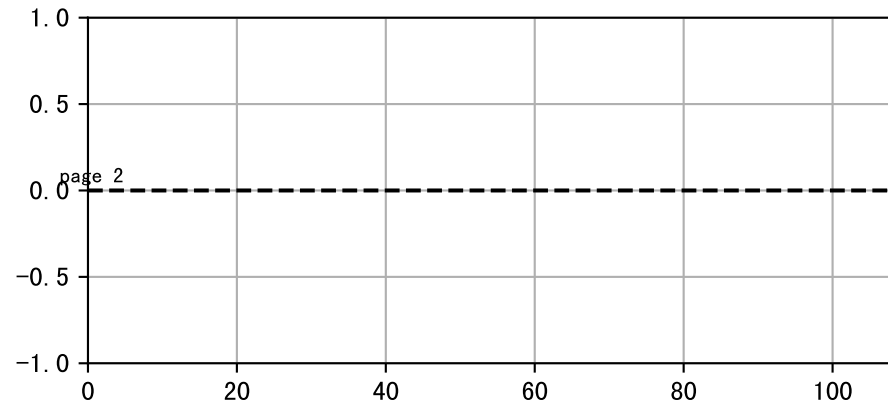
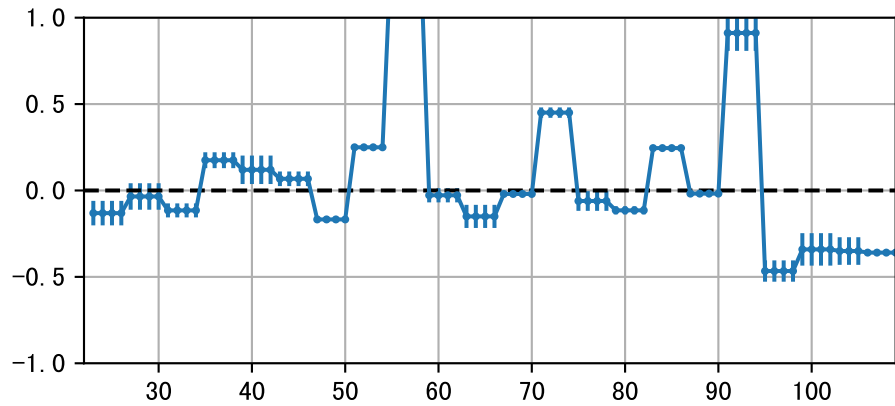
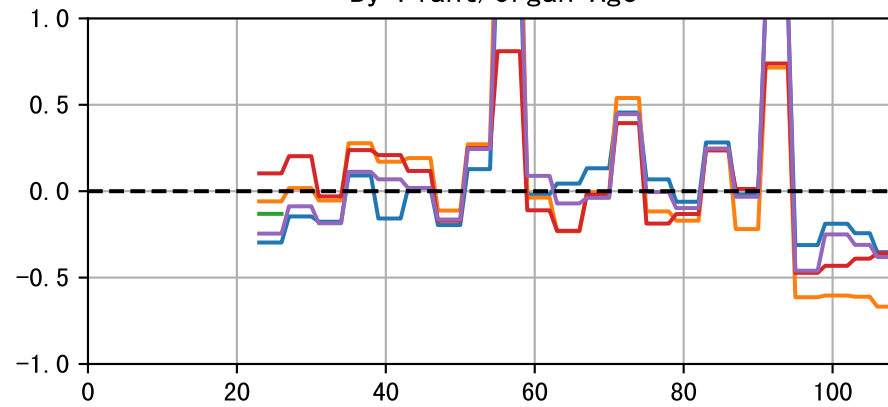




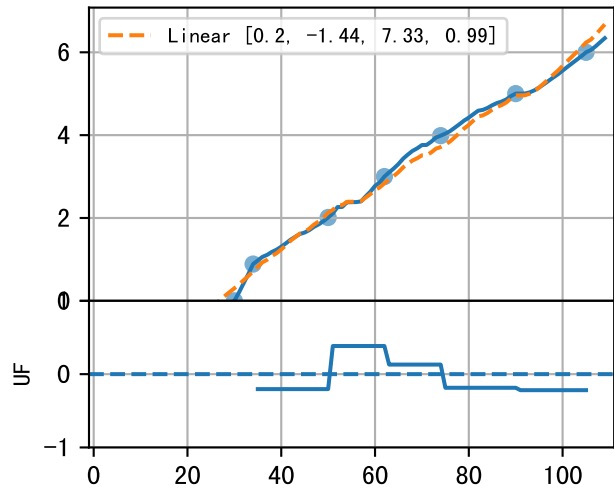
By Start Date



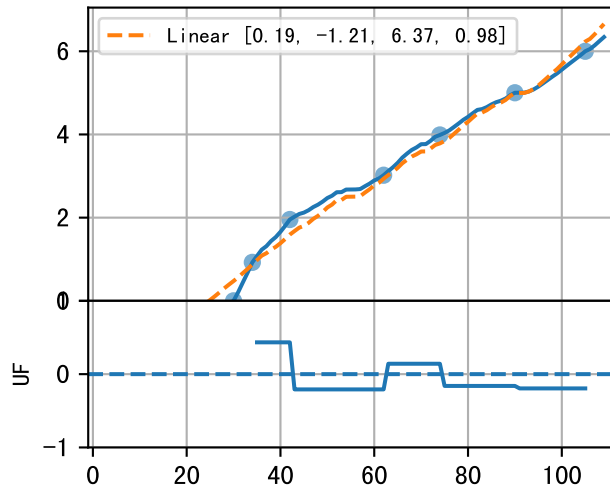
By Plant/Organ Age



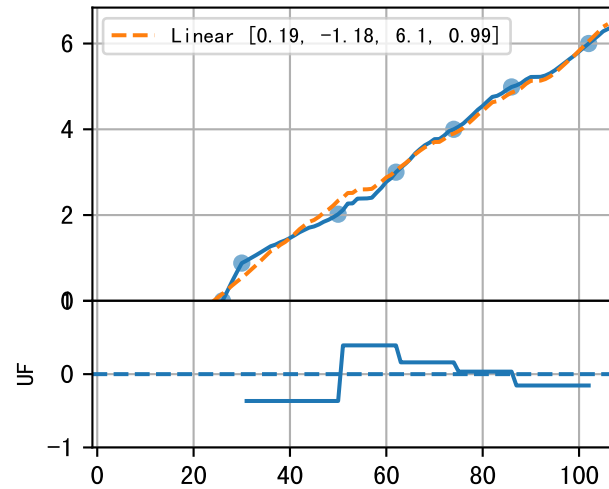
P10AE-081-12



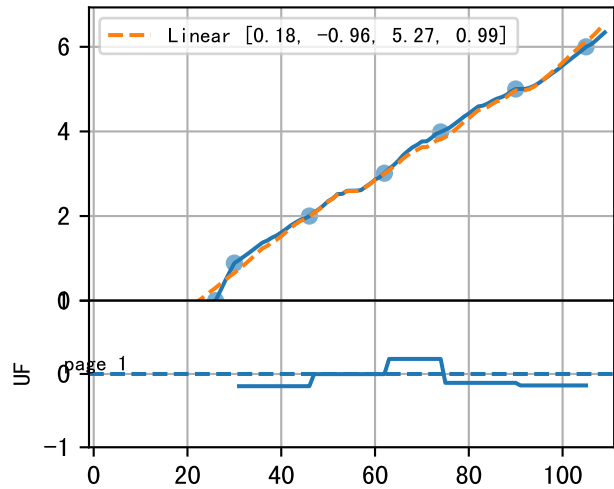
P10AE-087-27



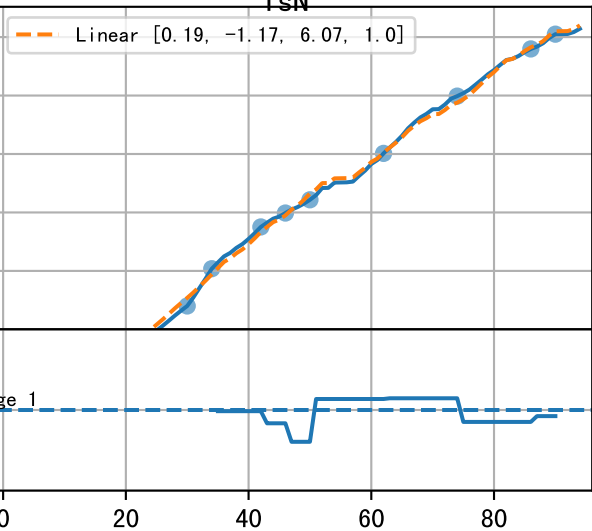
P10AE-103-32



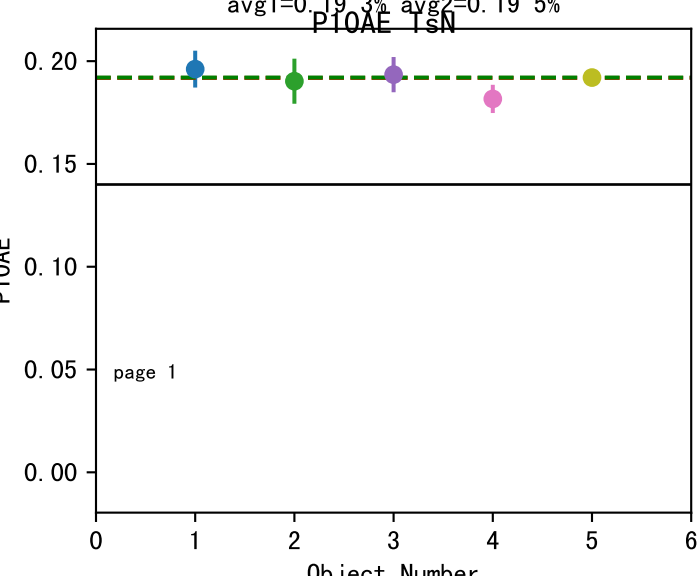
P10AE-114-7



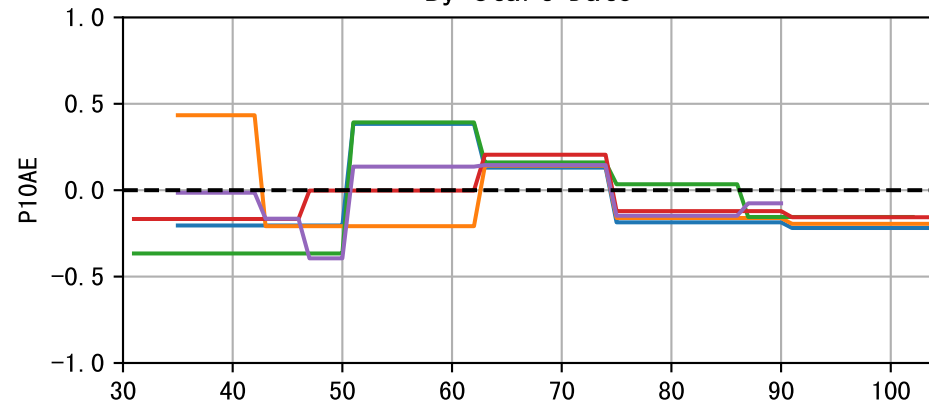
PIUavg
TSN



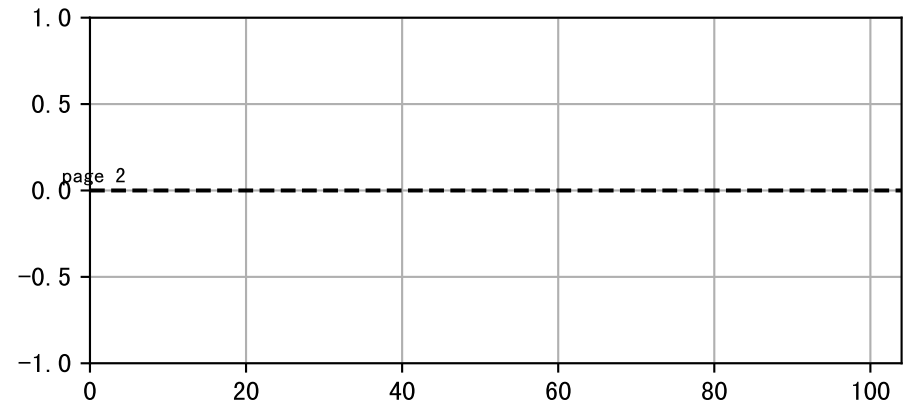
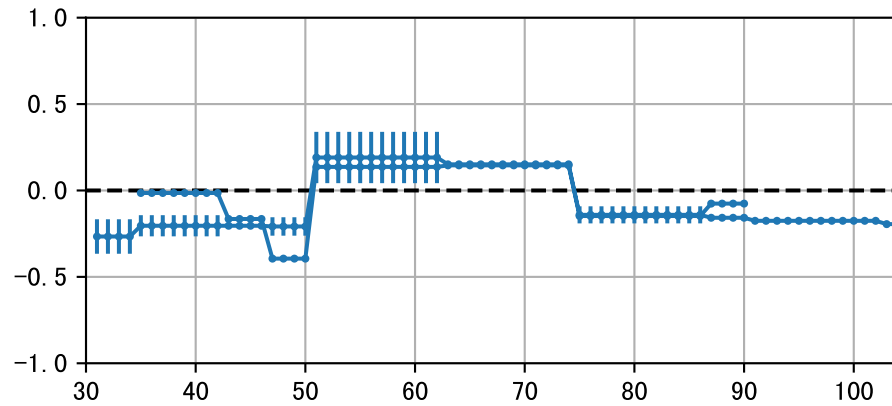
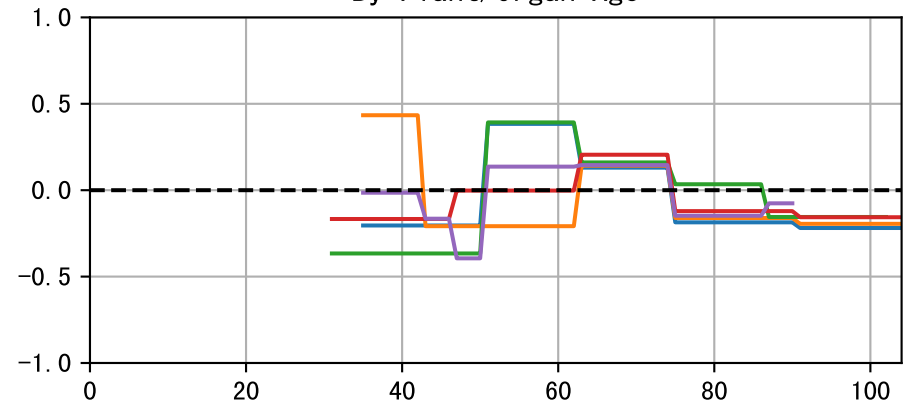
UF
page 1



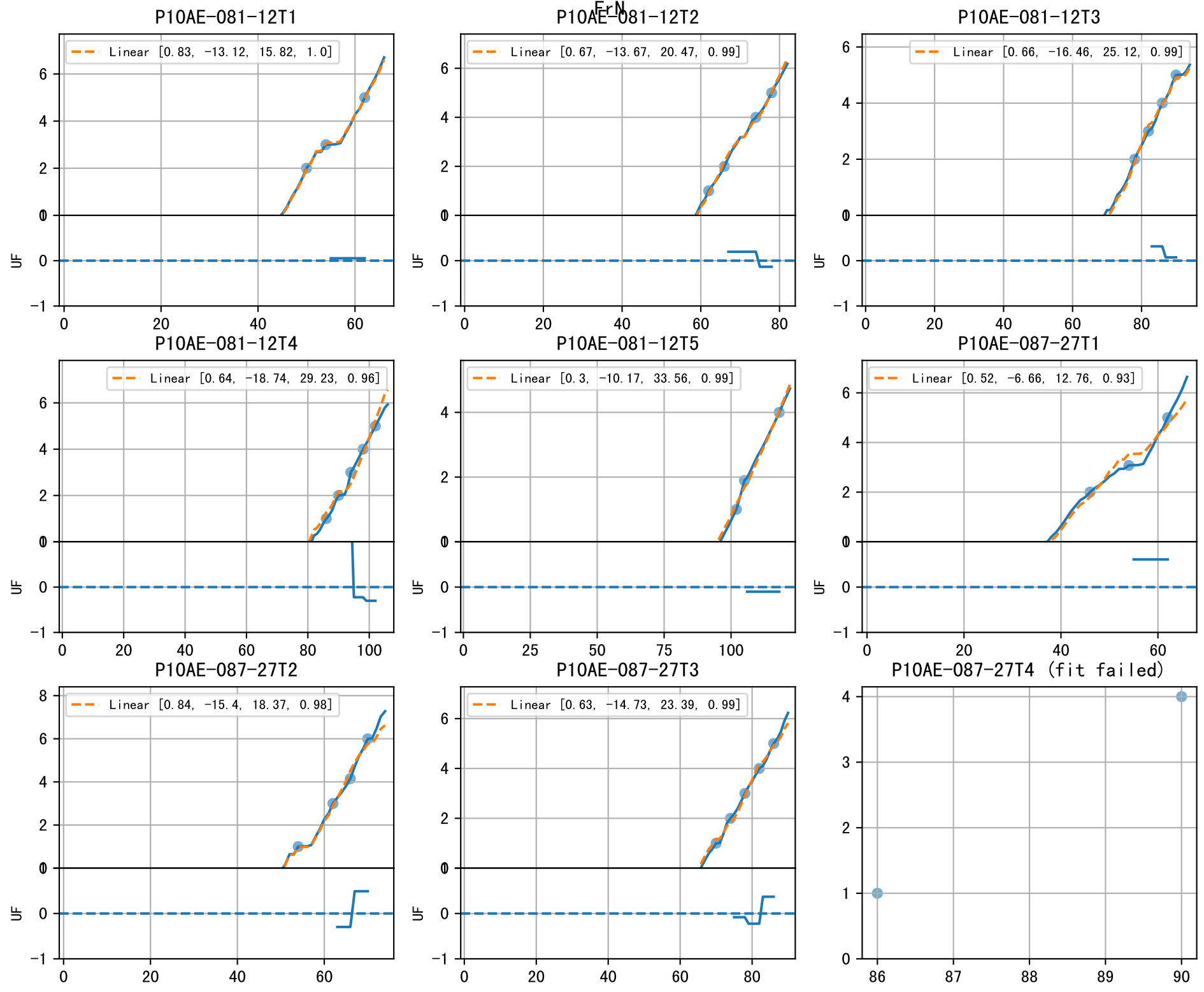
By Start Date

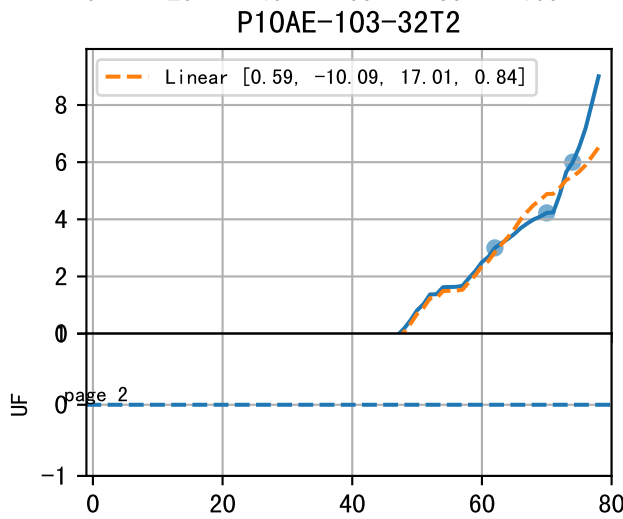
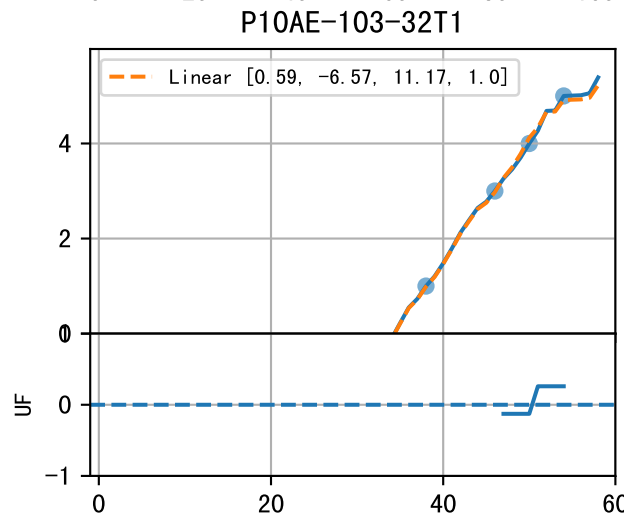
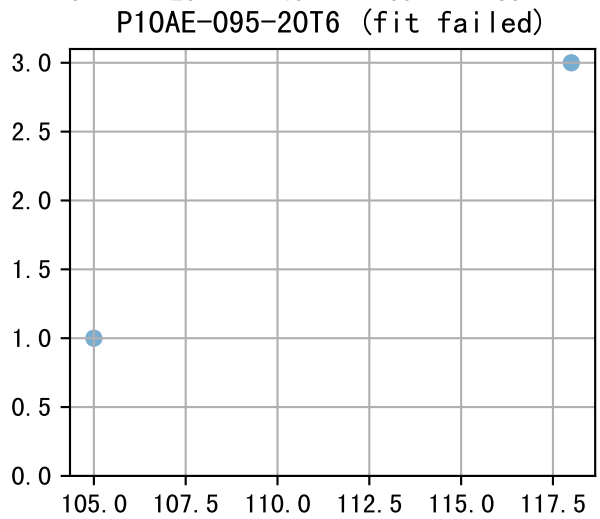
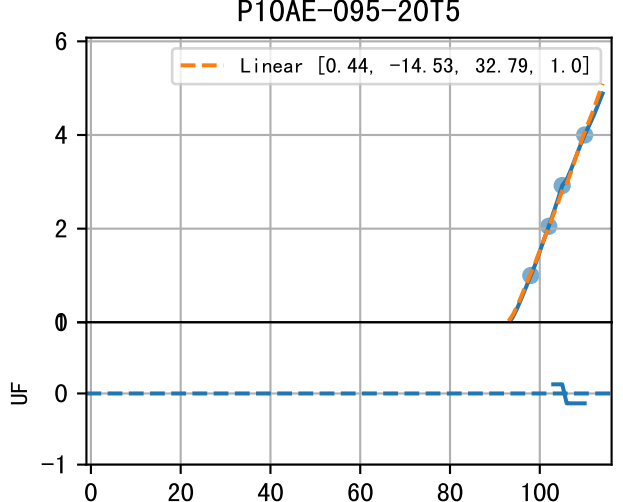
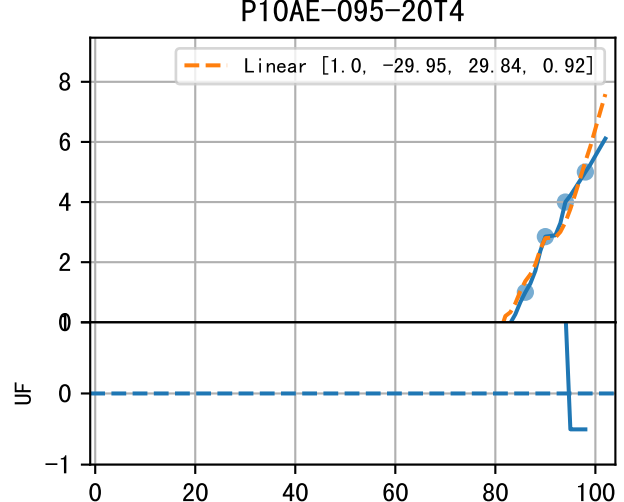
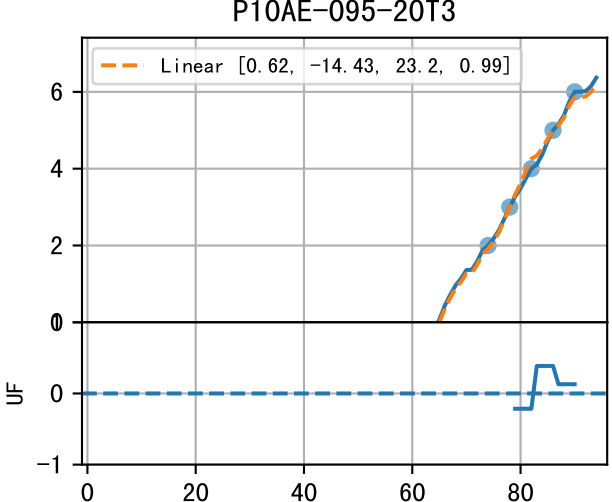
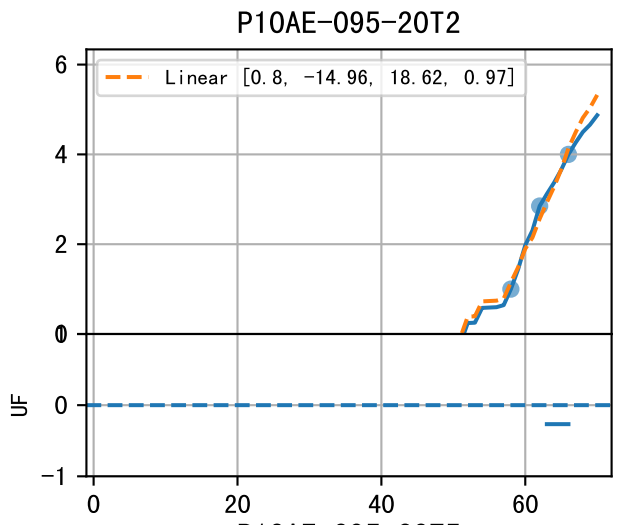
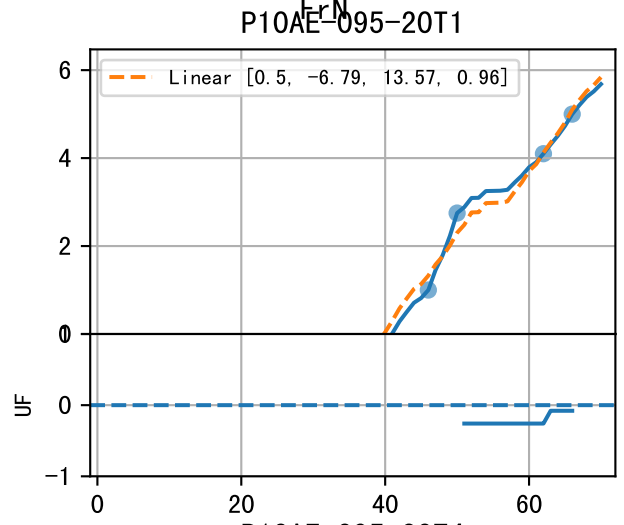
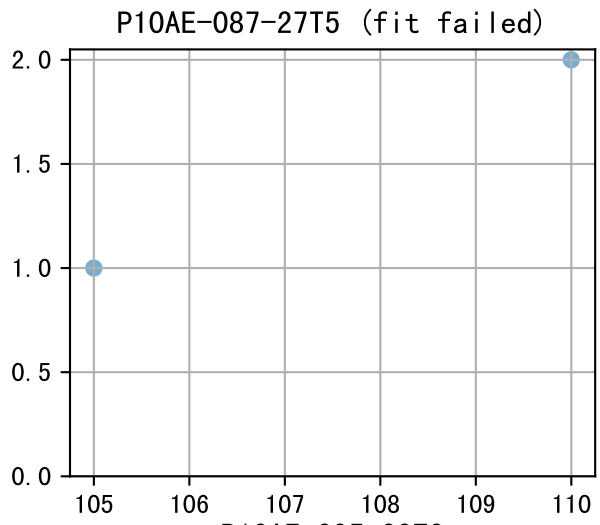


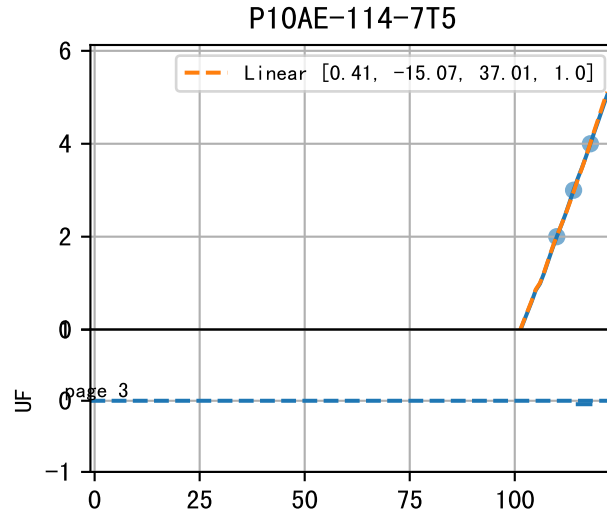
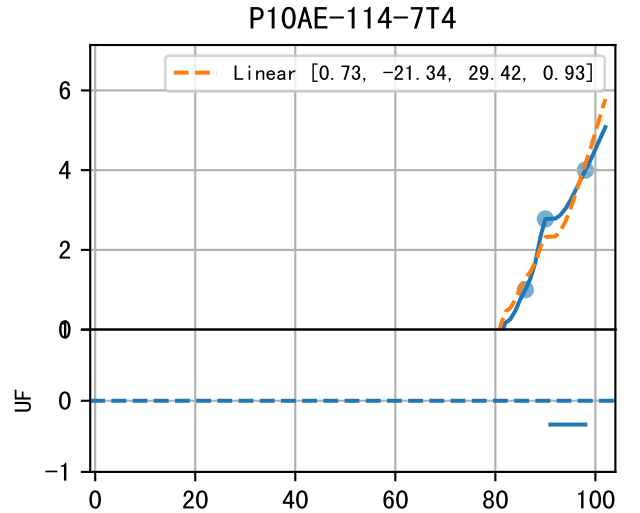
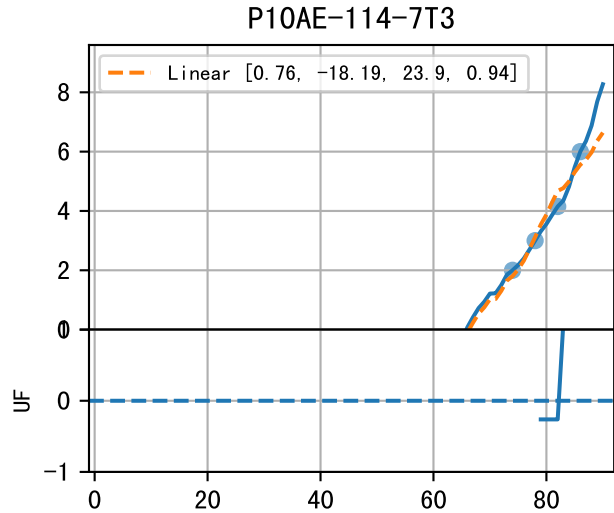
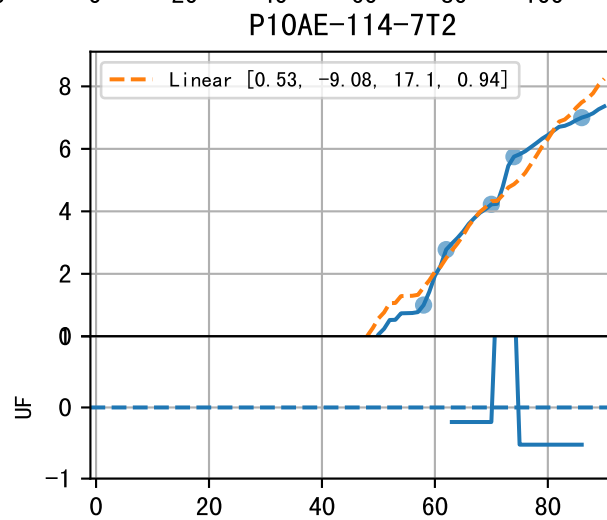
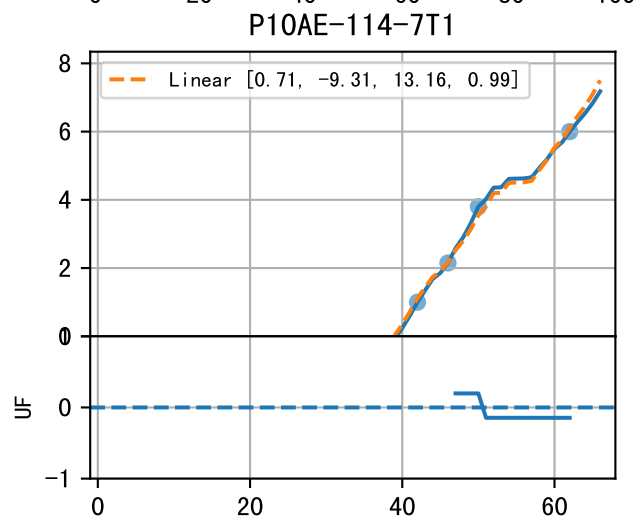
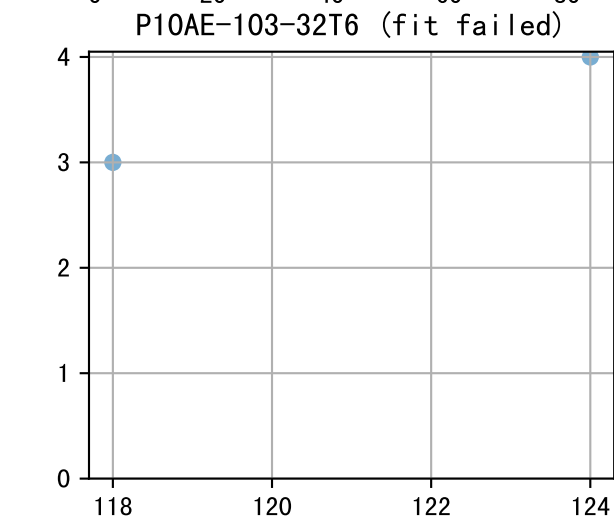
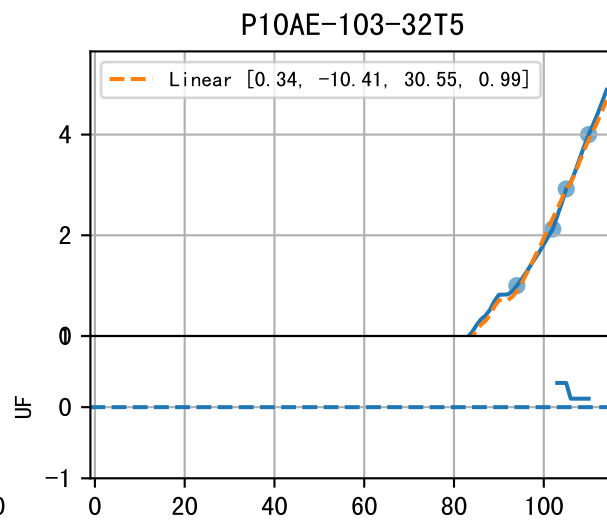
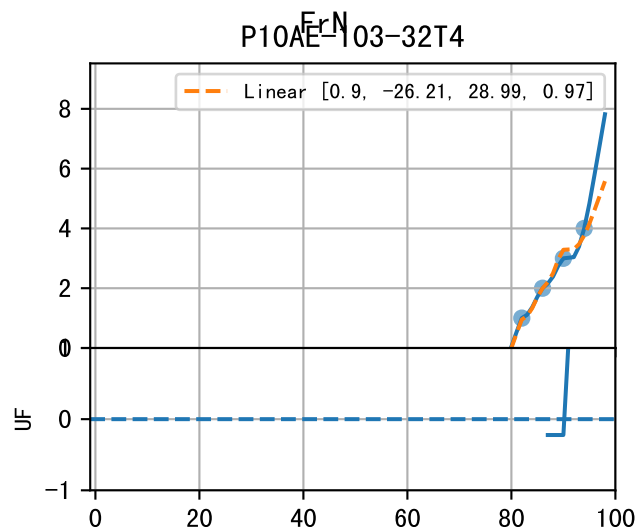
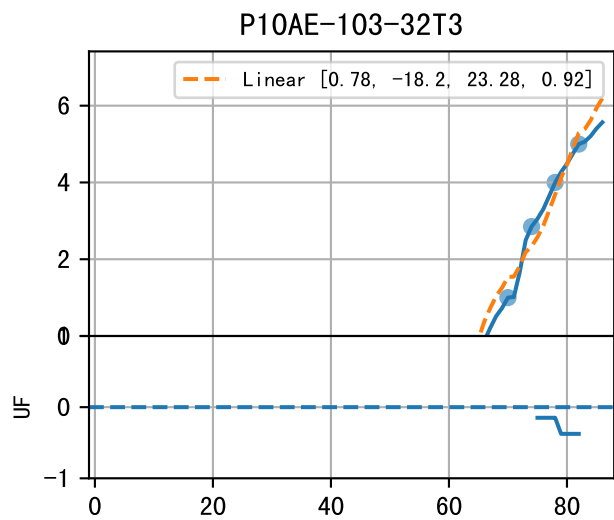
By Plant/Organ Age



ErN

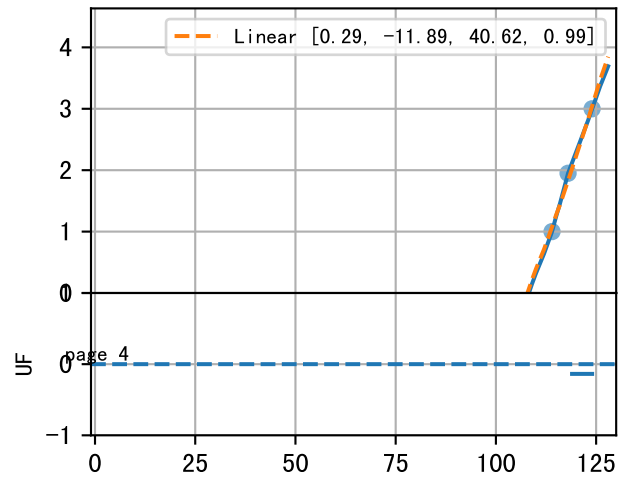




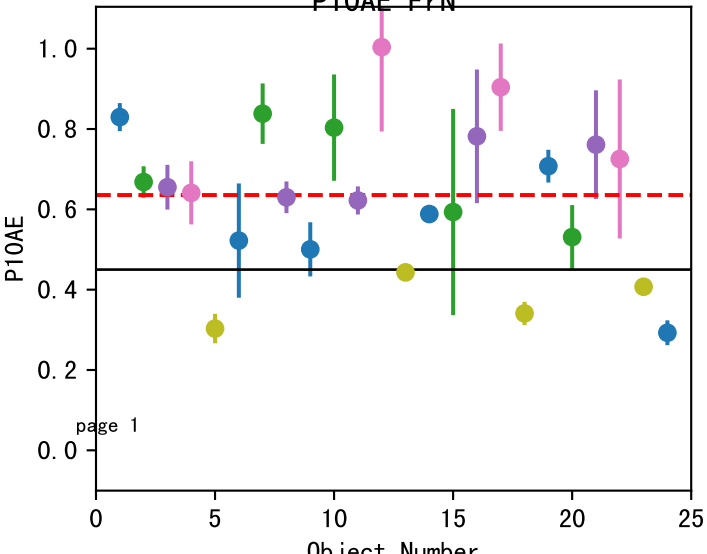


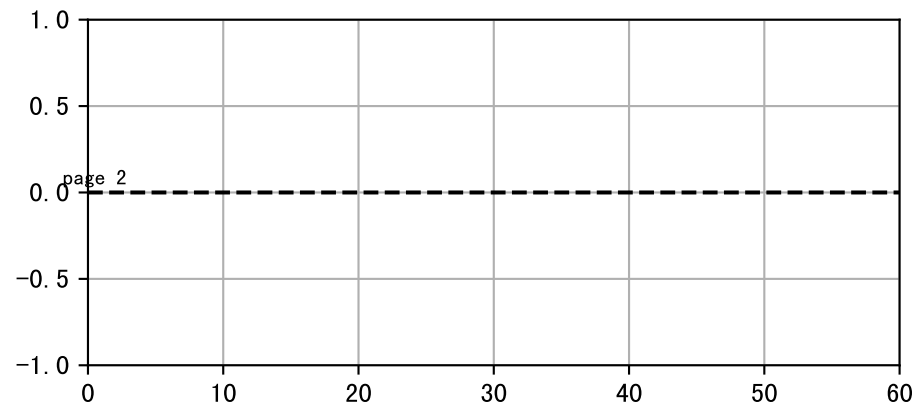
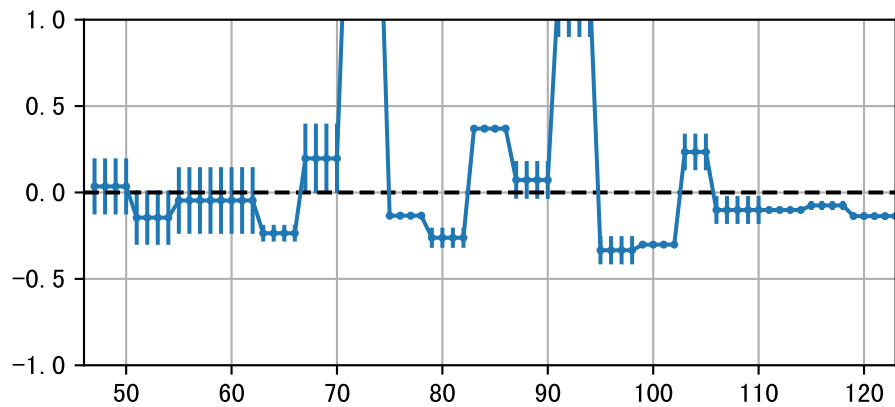
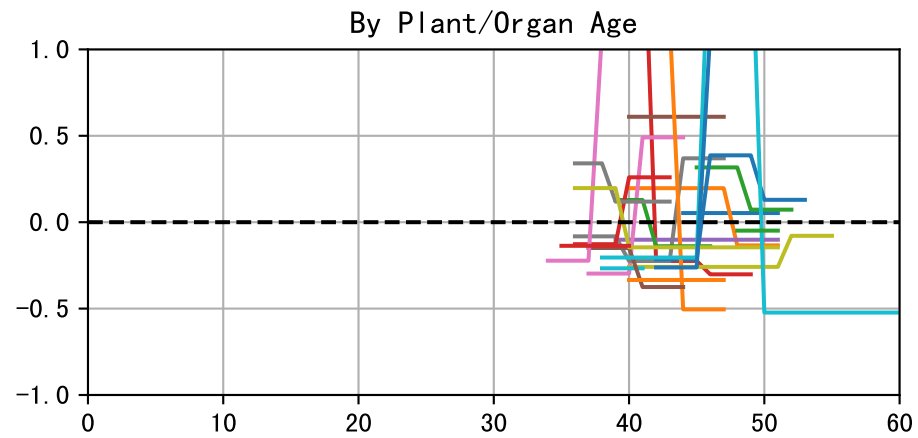
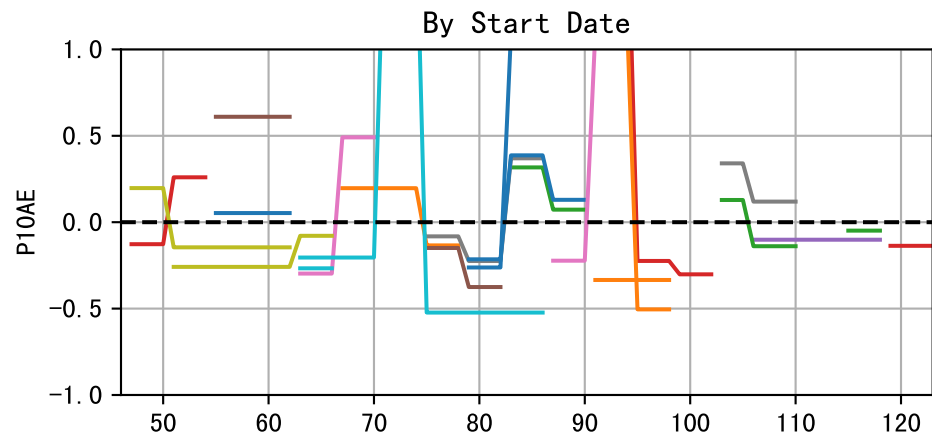
P10AE-114-7T6

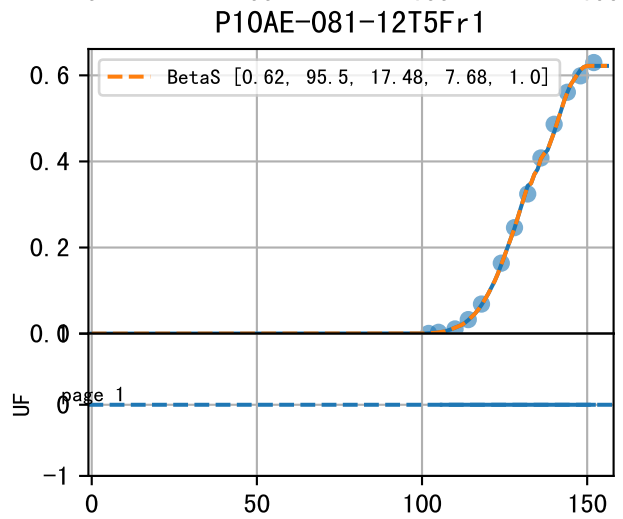
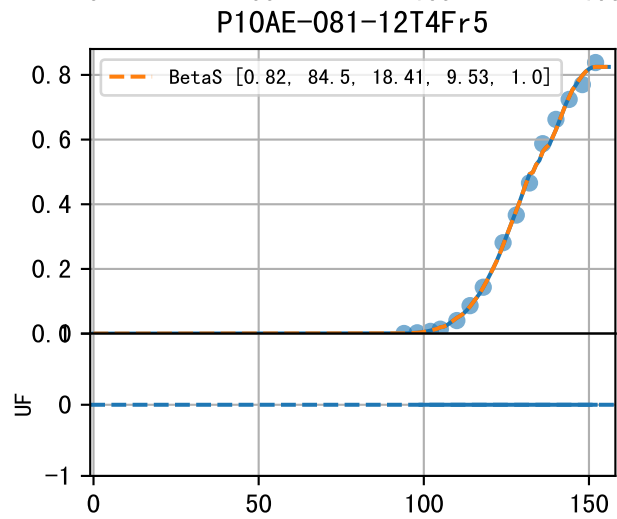
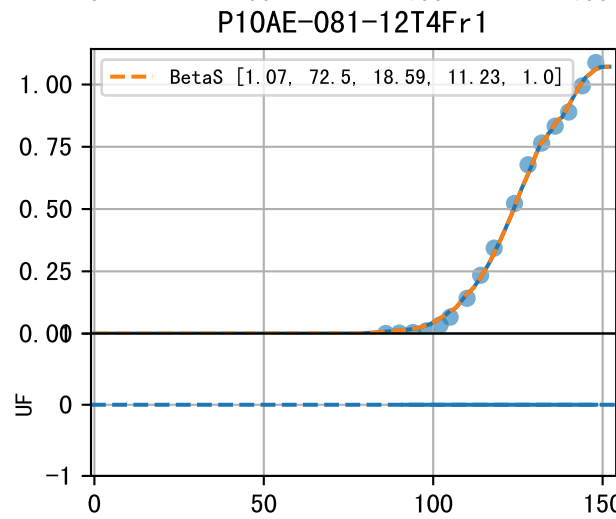
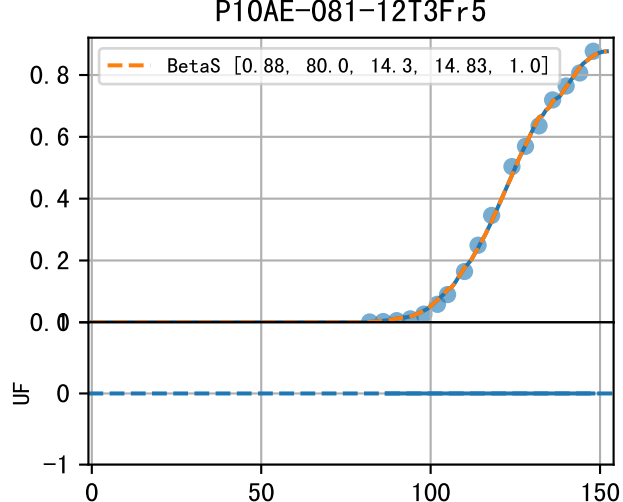
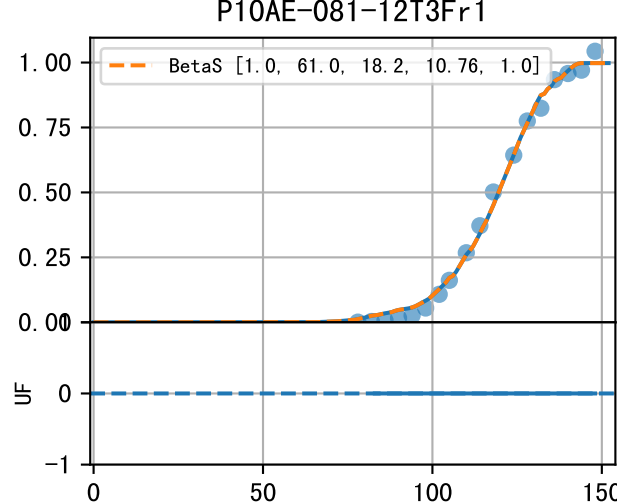
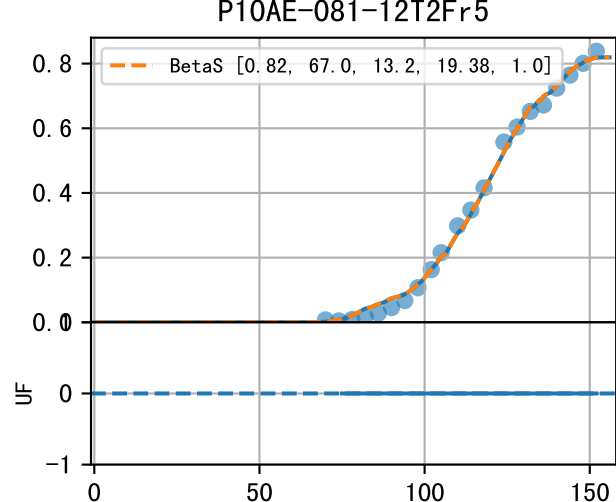
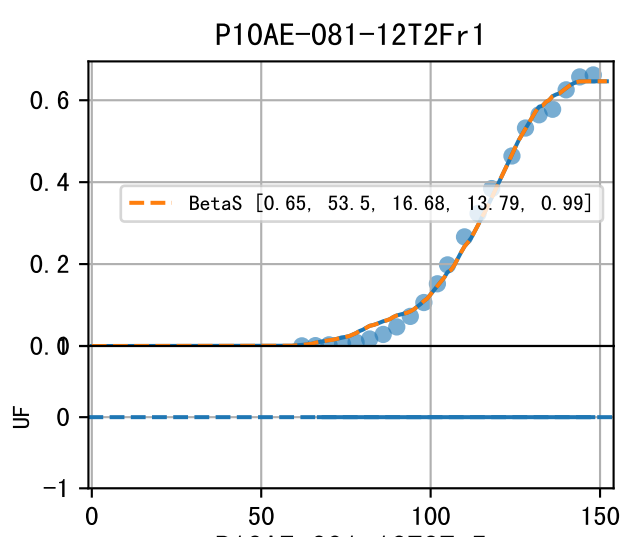
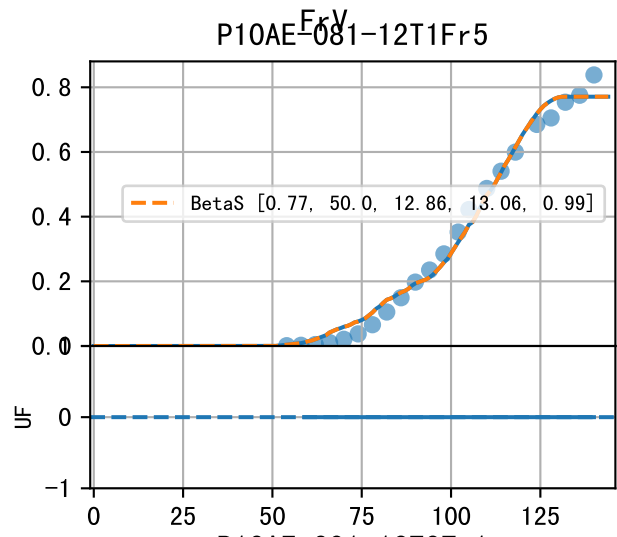
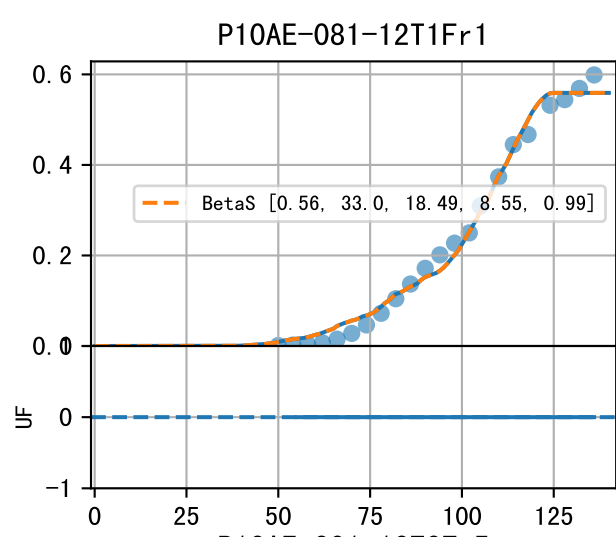
FrN

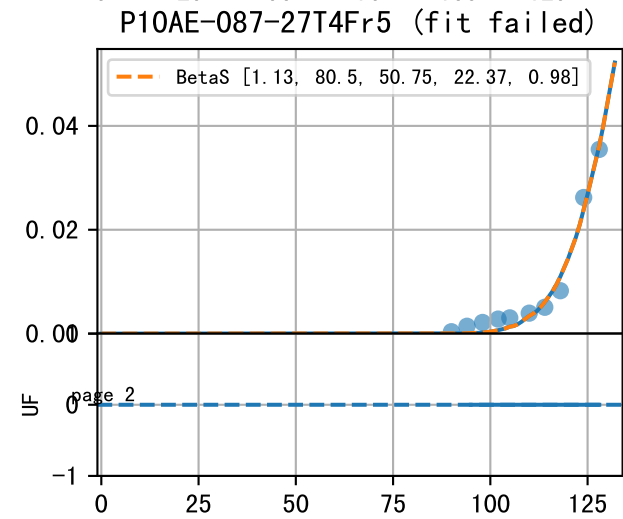
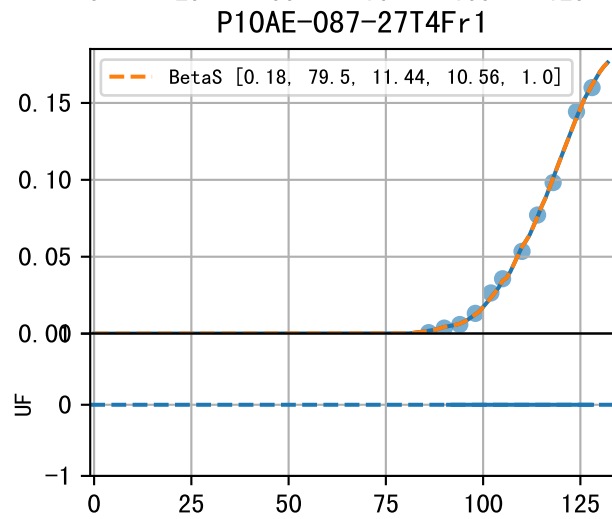
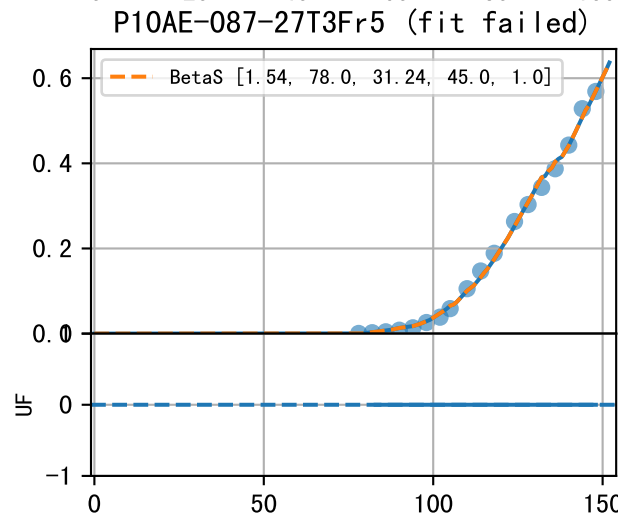
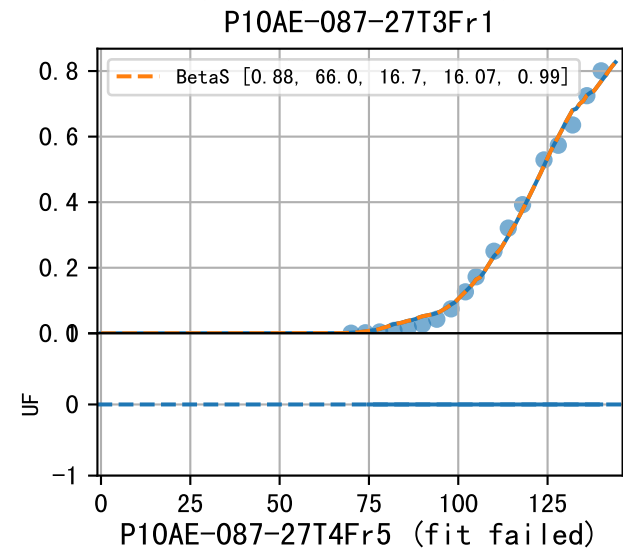
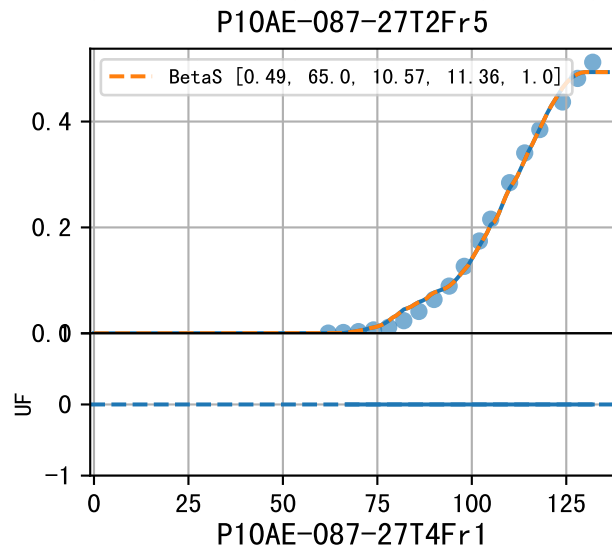
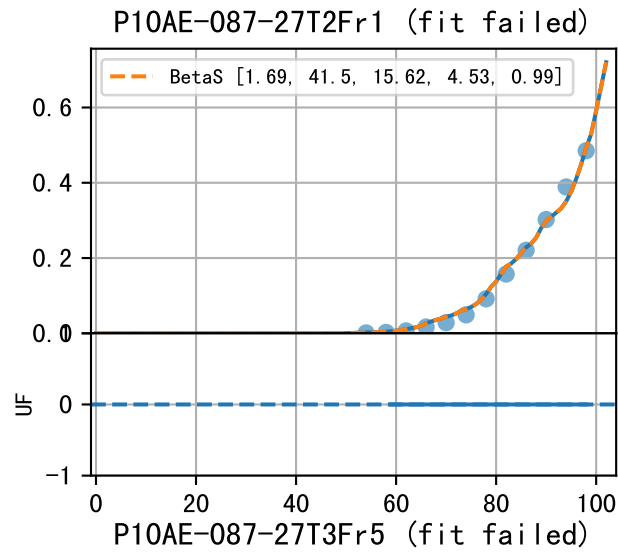
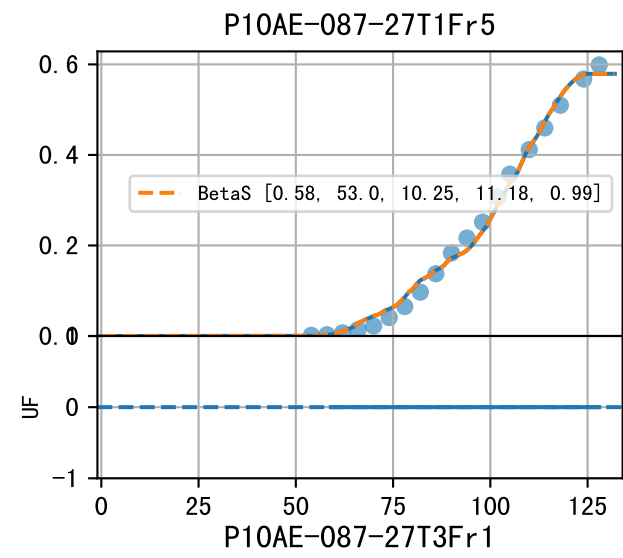
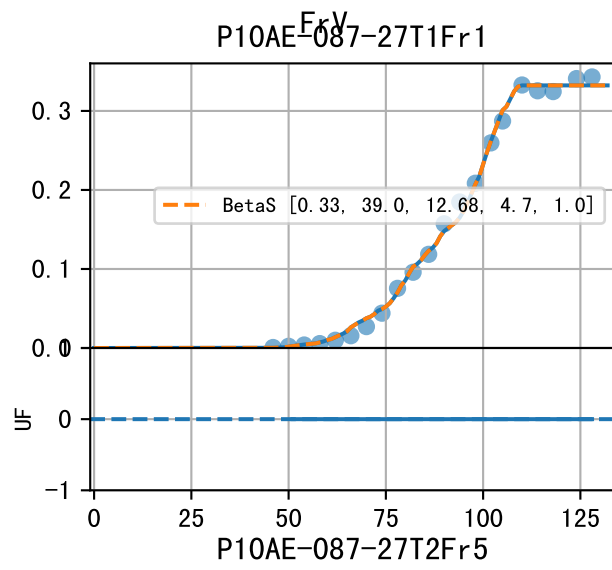
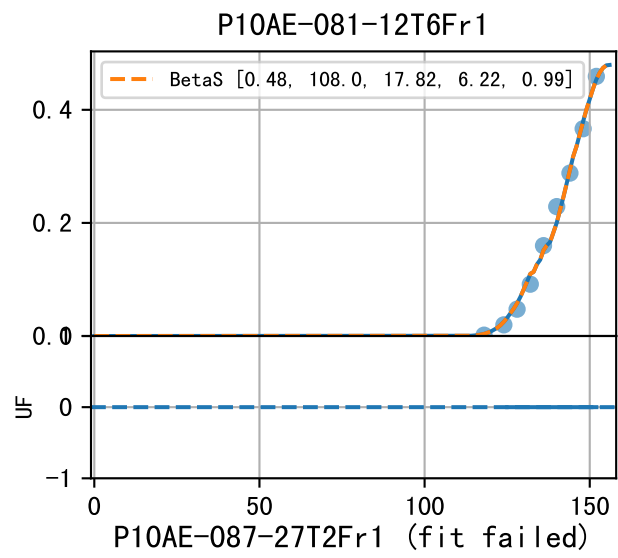


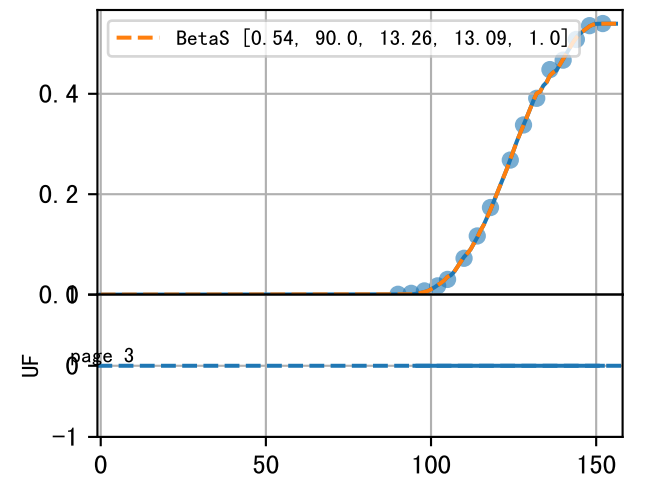
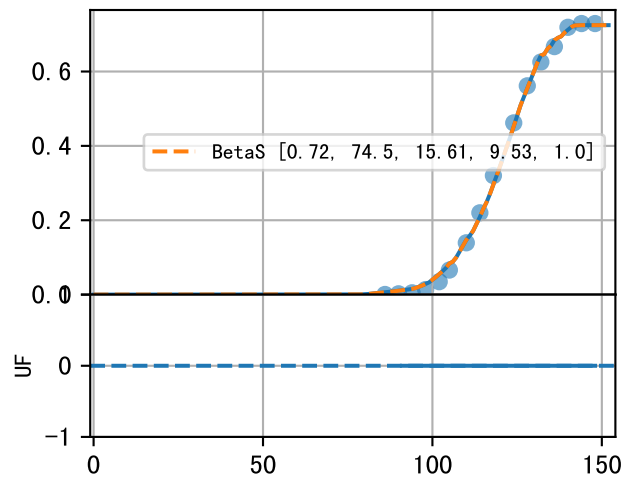
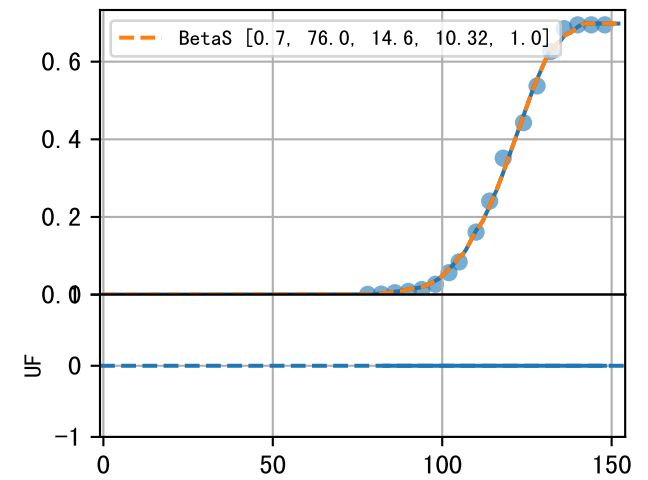
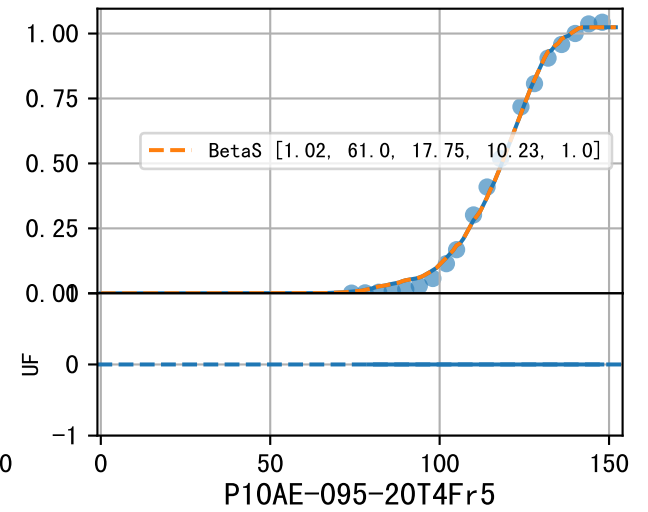
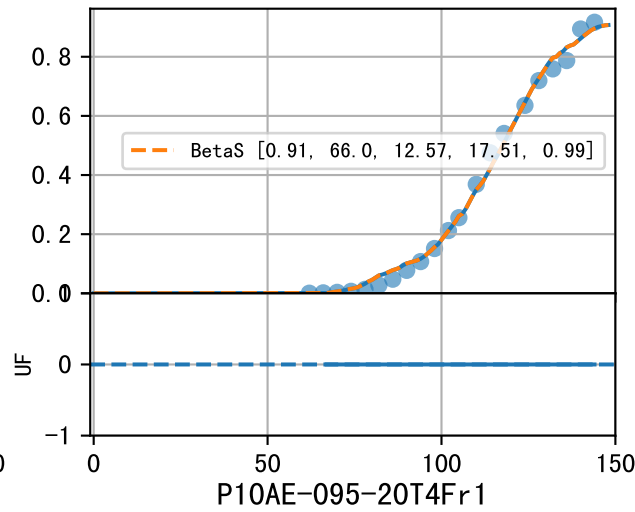
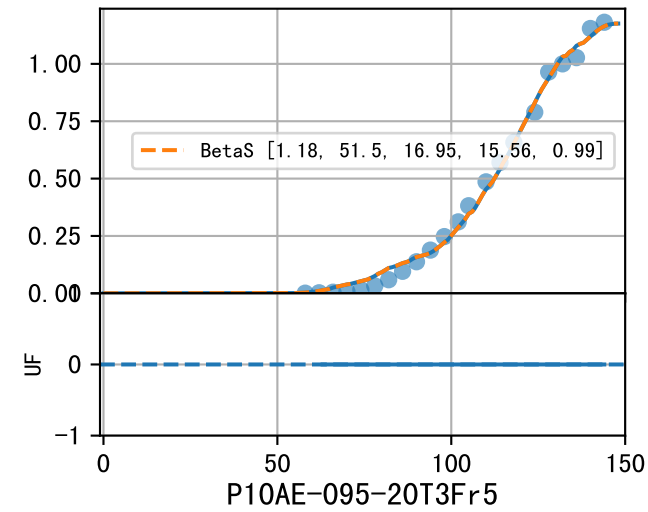
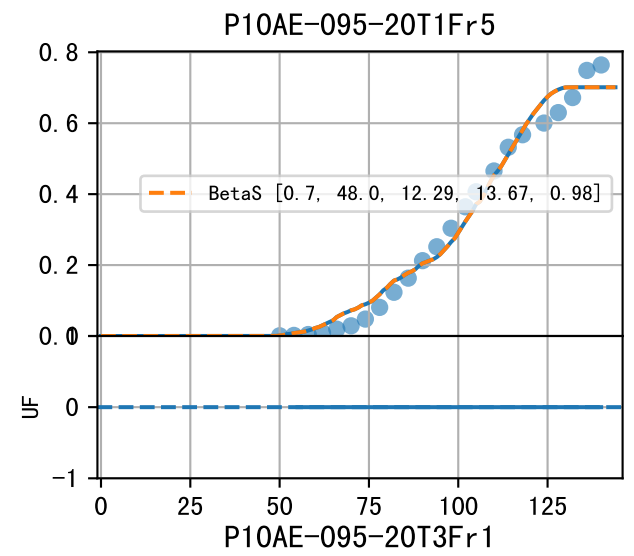
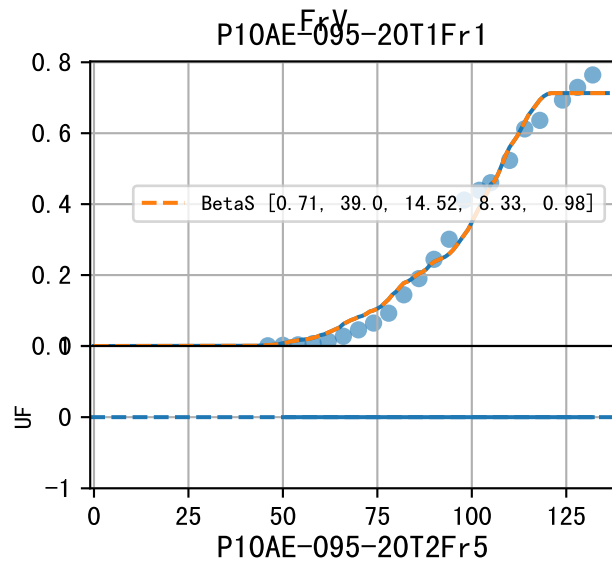
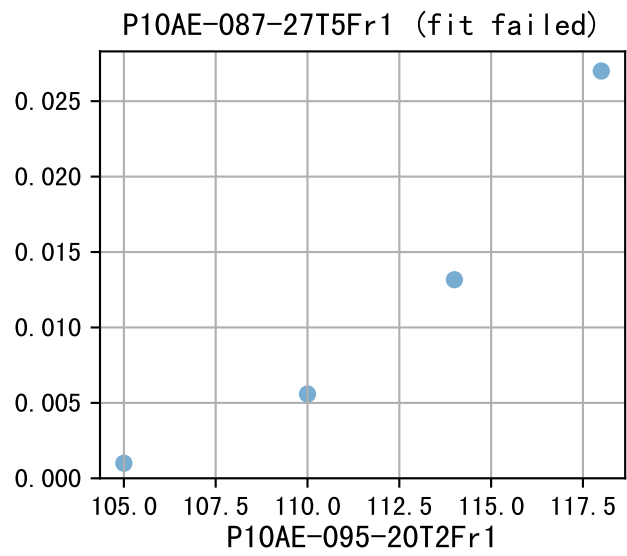
avg1=0.64 30% avg2=na
P10AE FrN

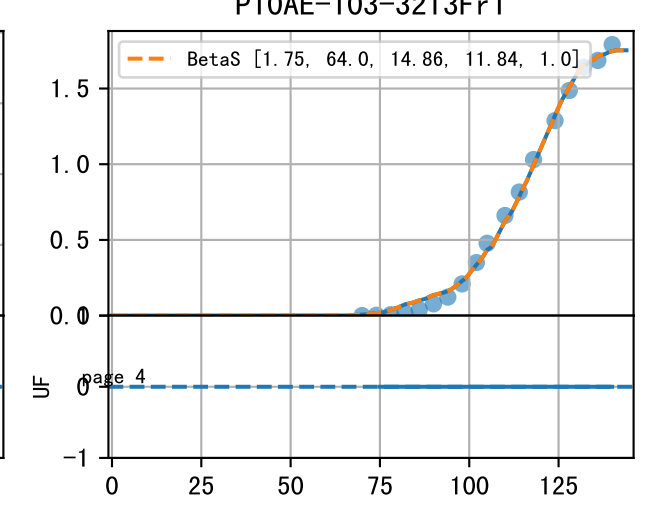
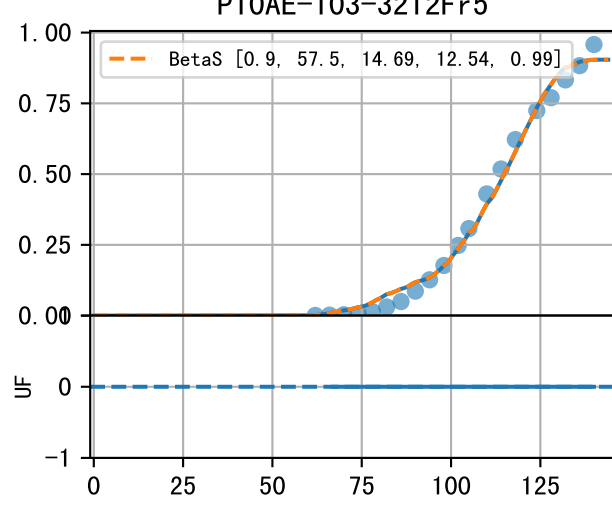
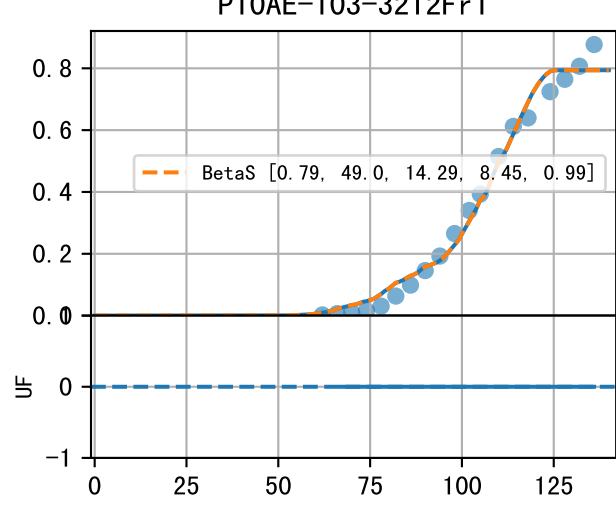
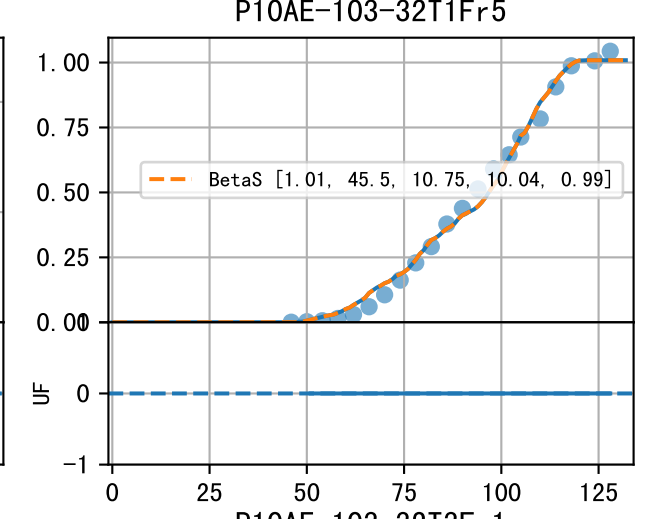
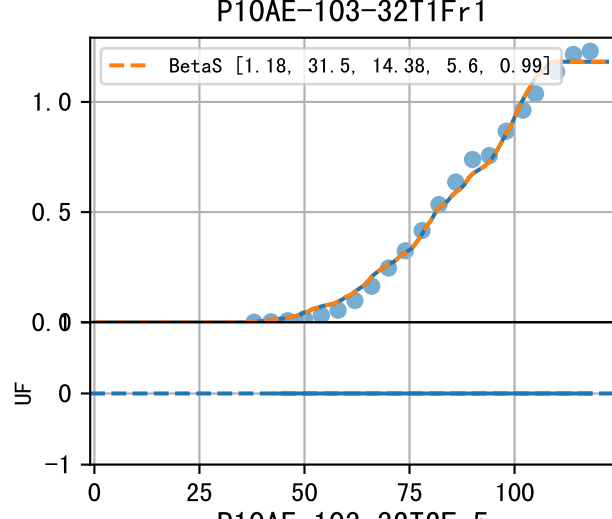
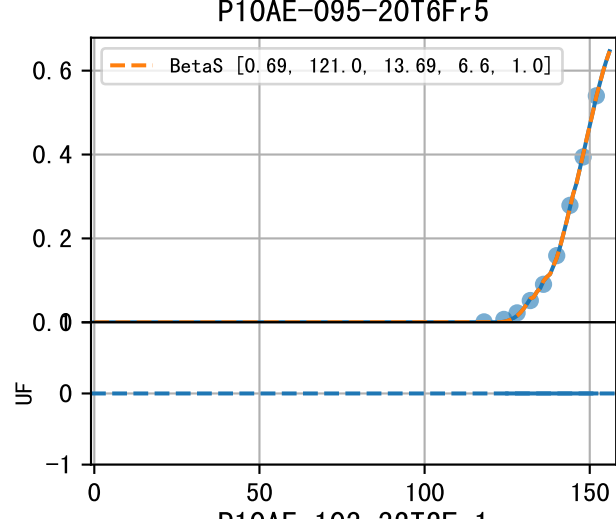
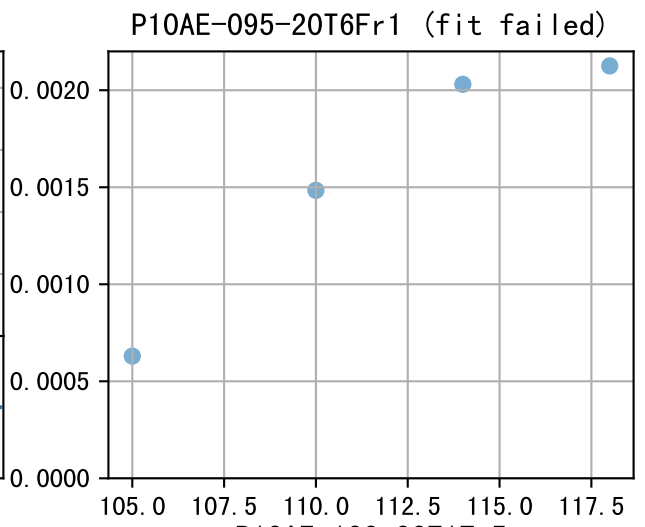
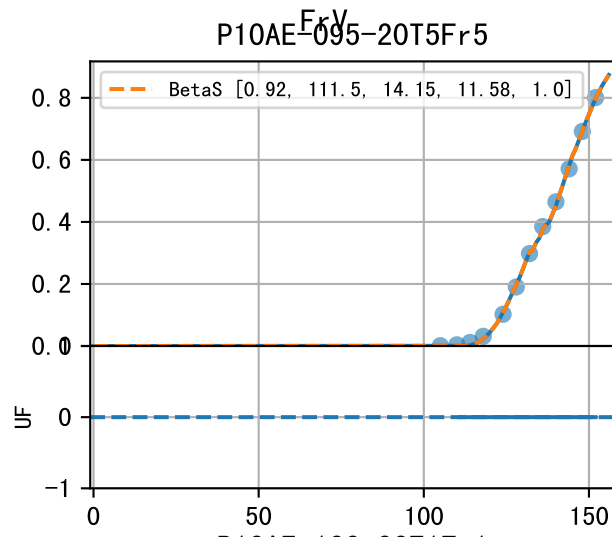
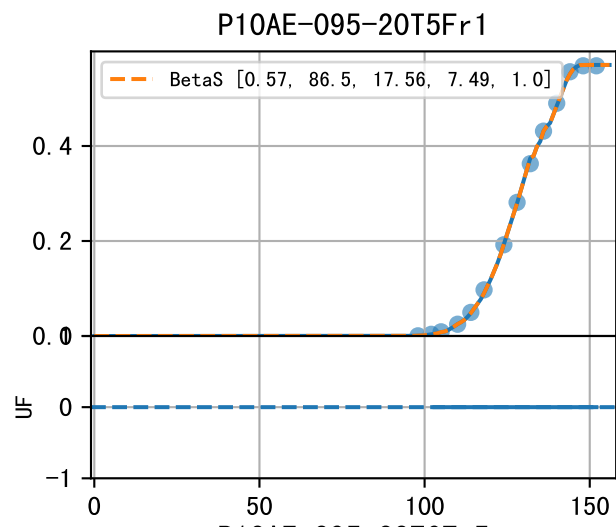


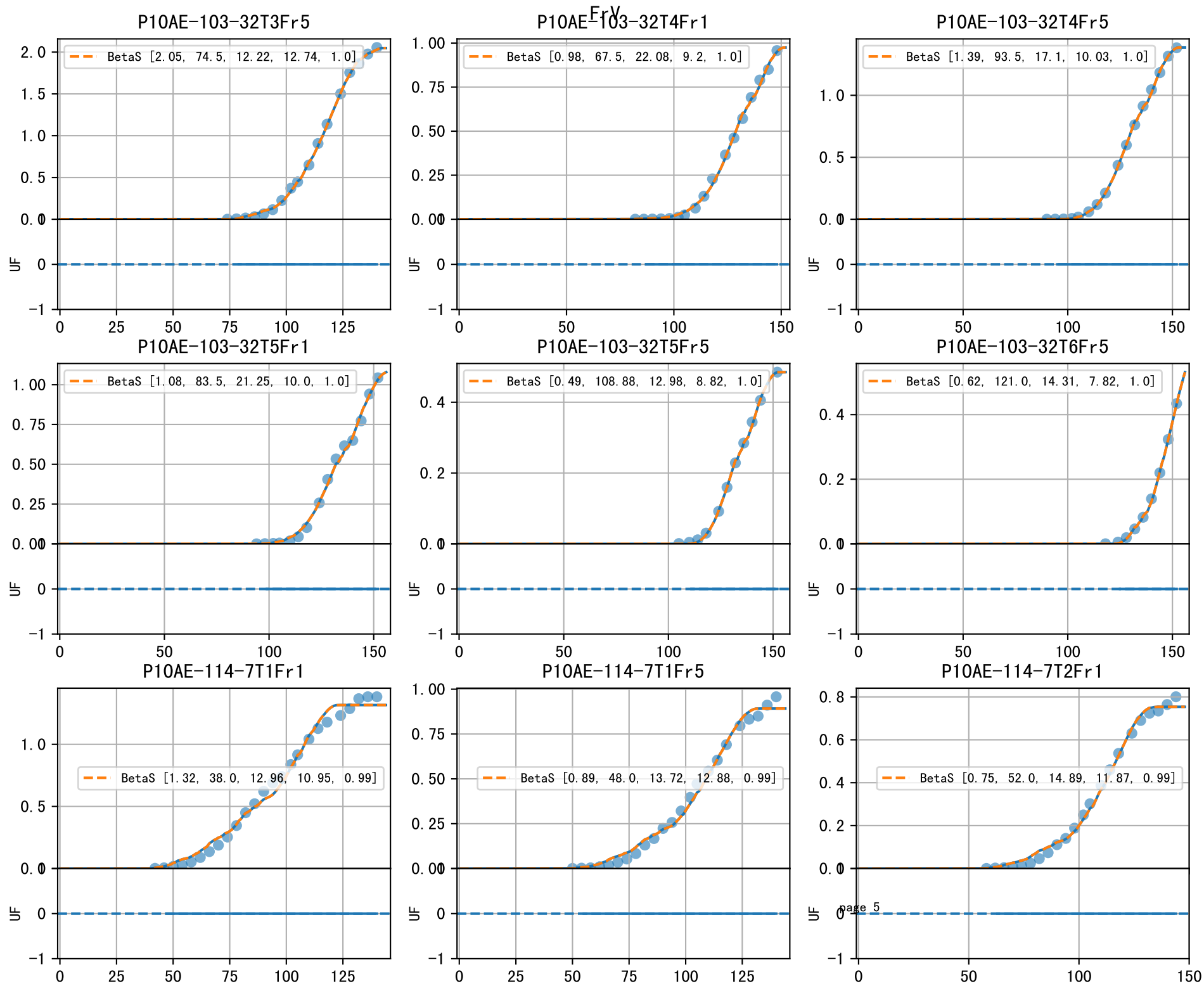


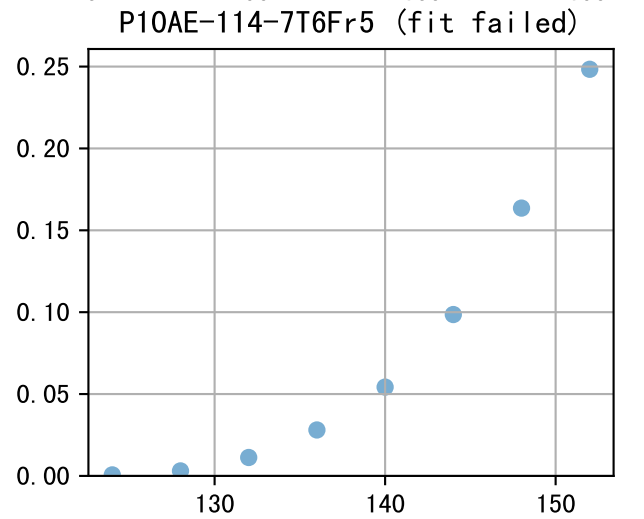
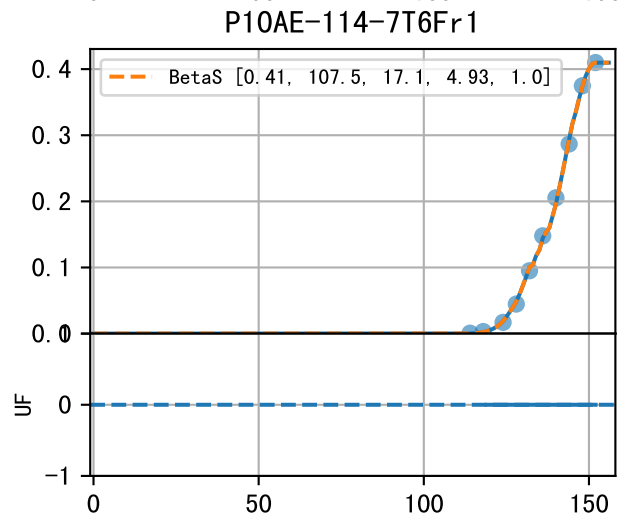
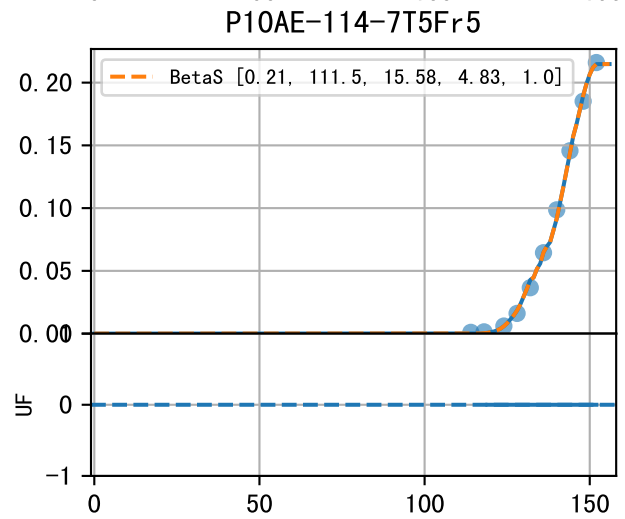
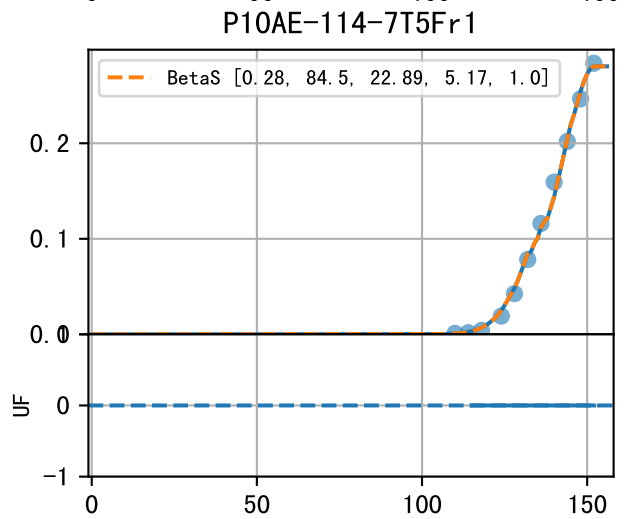
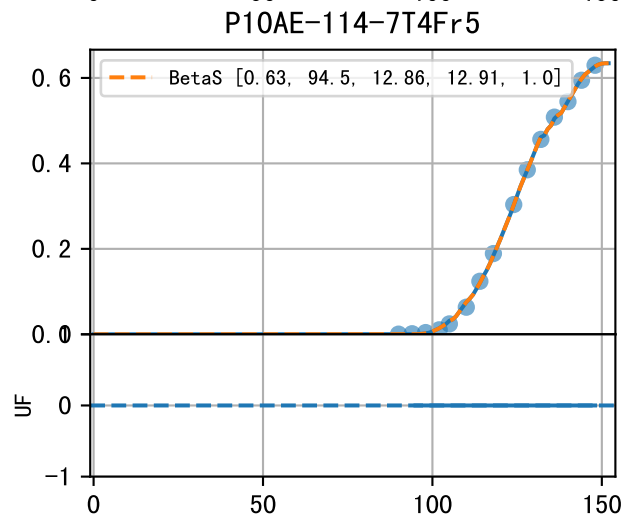
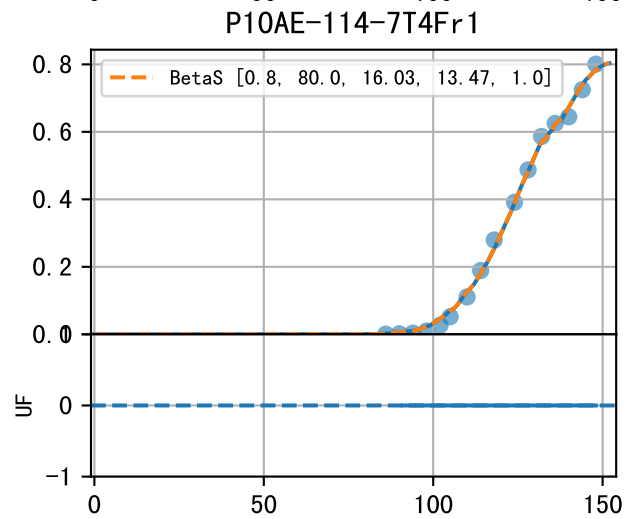
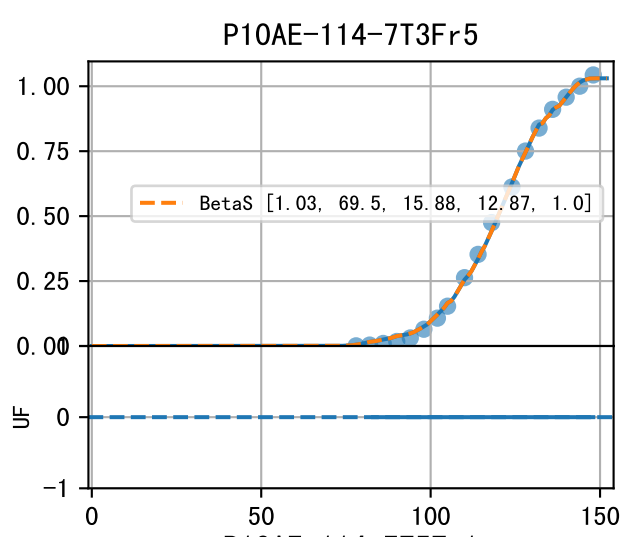
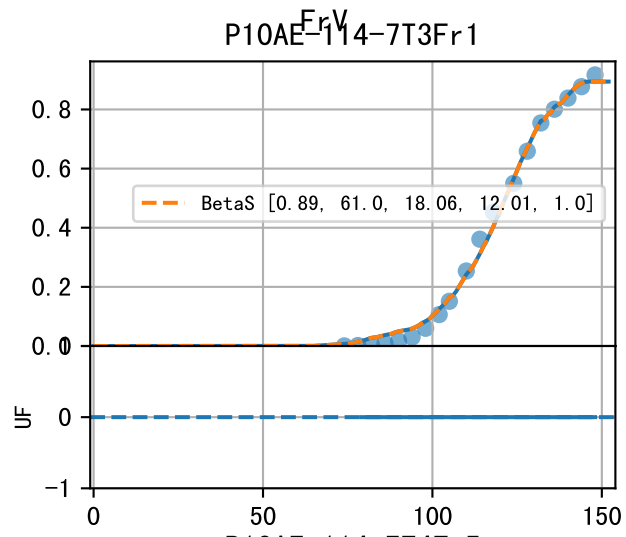
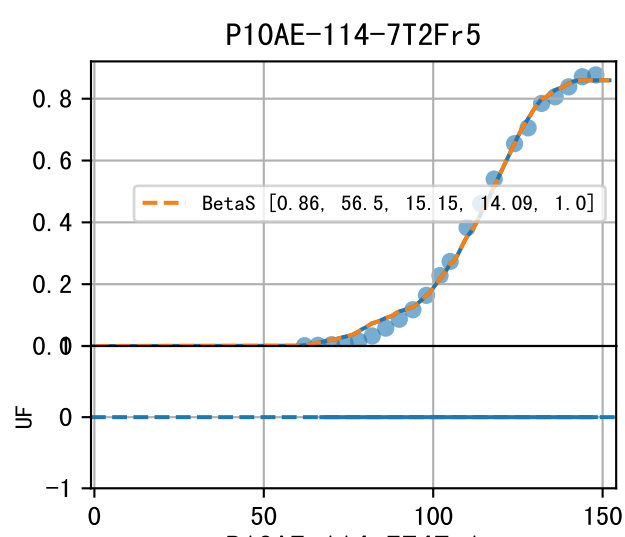




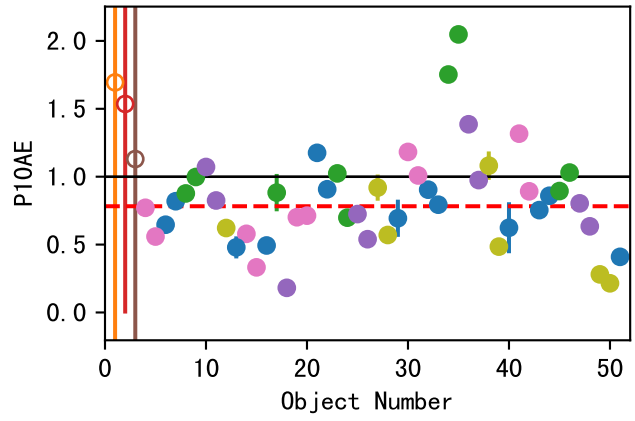




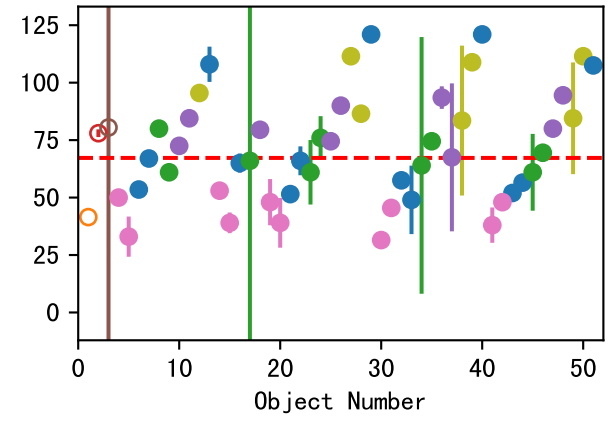




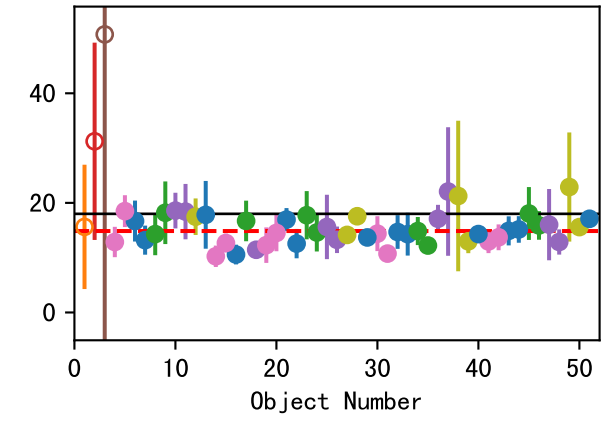
ymax (Def=1 Set=0.78)
avg1=0.78~35% avg2=na



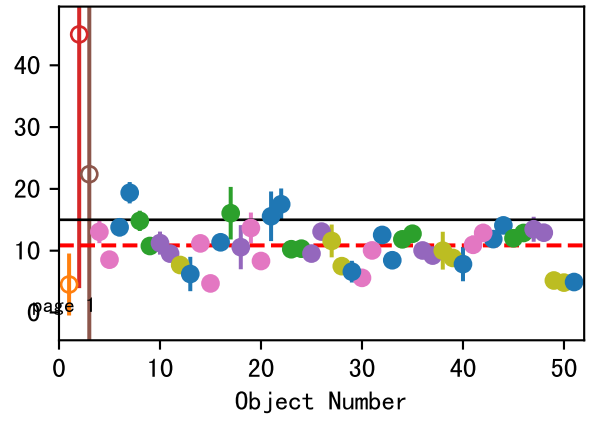
tb (Def=na Set=na)
avg1=10.25~35% avg2=na



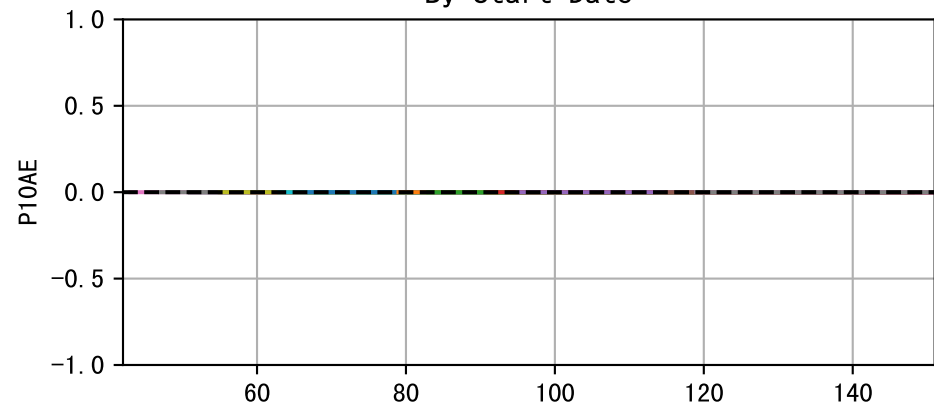
dm (Def=18 Set=14.86)
avg1=14.86~19% avg2=na



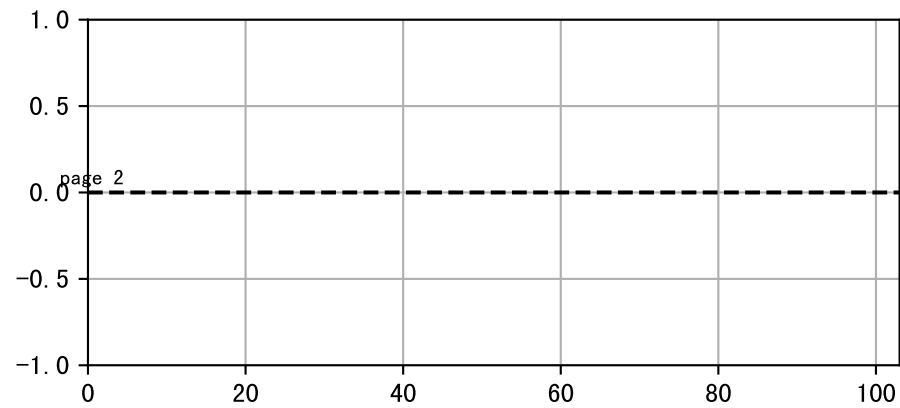
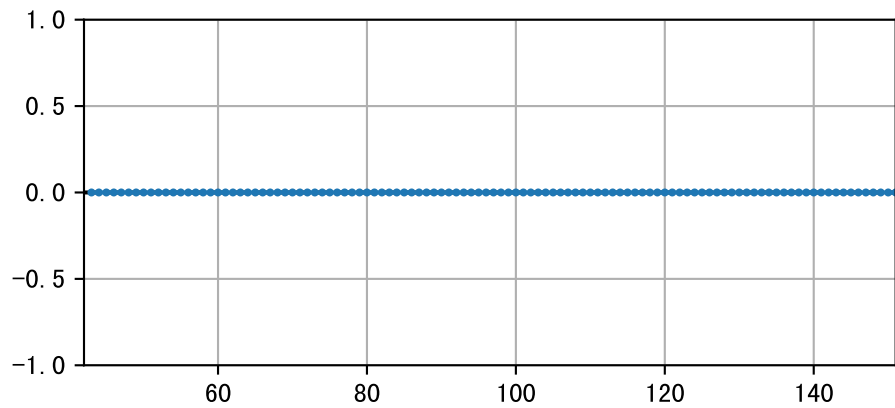
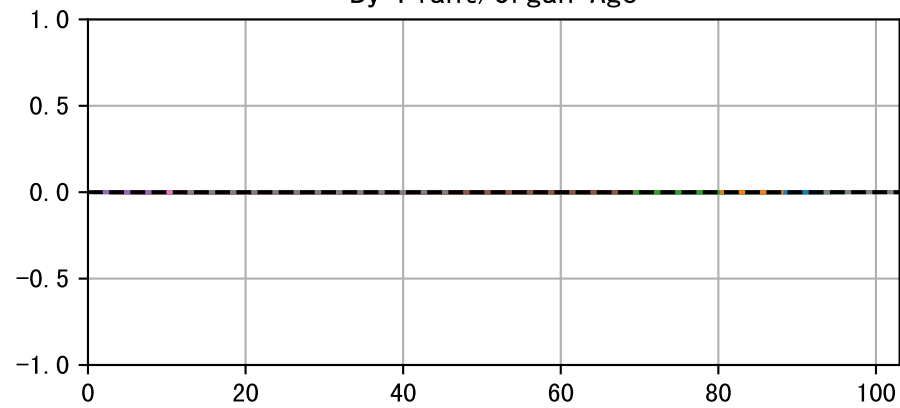
de (Def=15 Set=10.85)
avg1=10.85~31% avg2=na

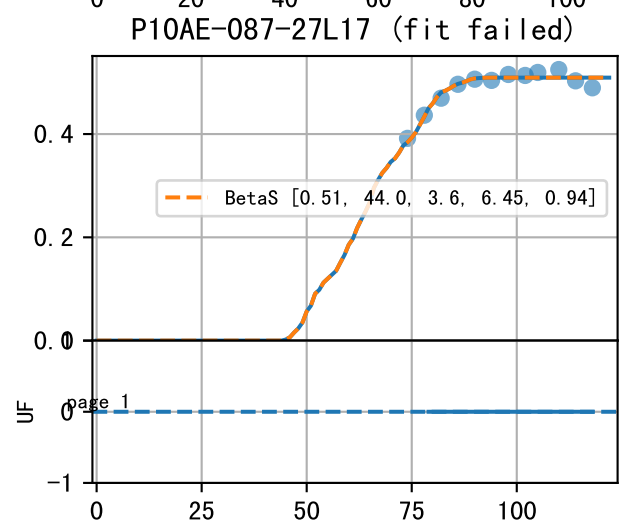
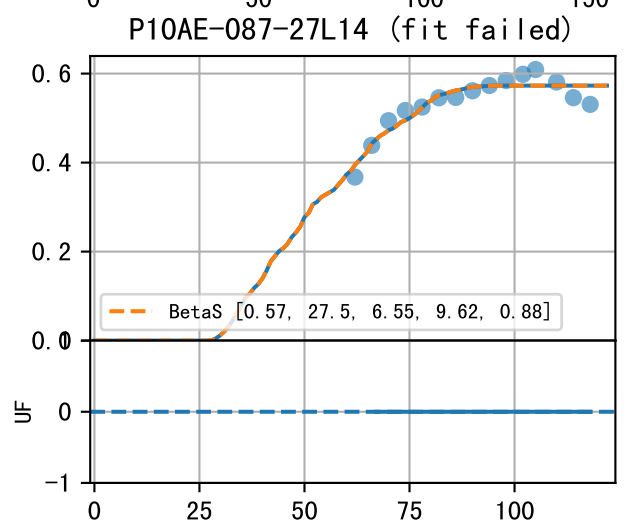
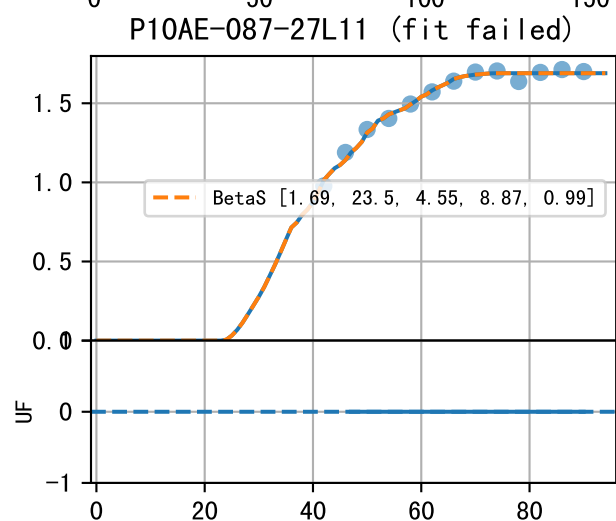
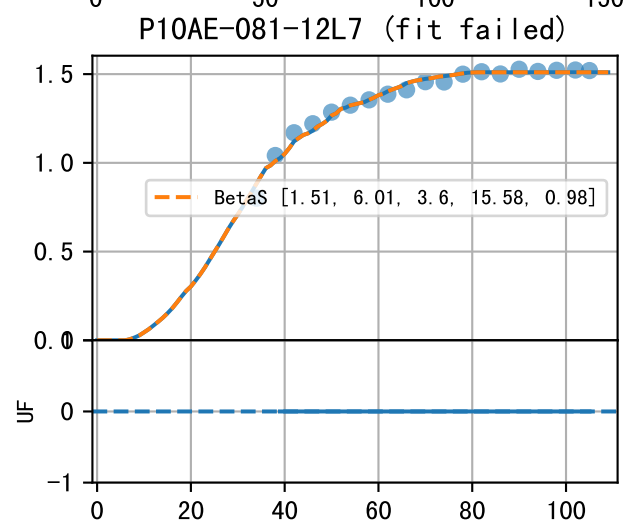
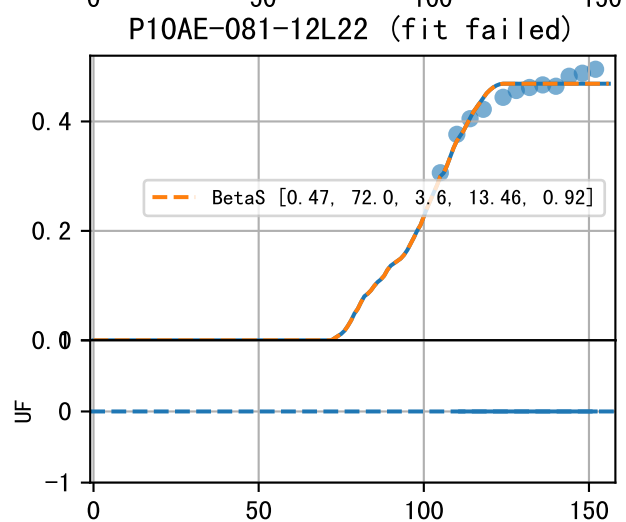
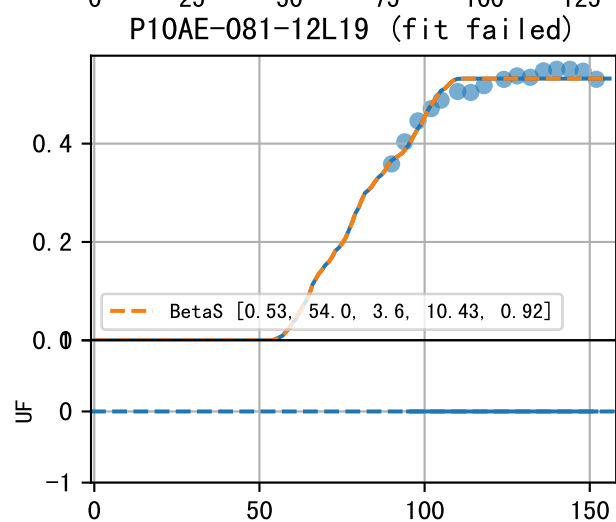
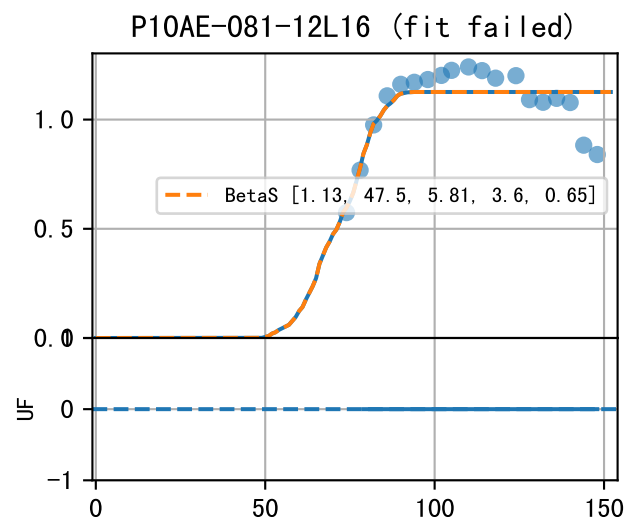
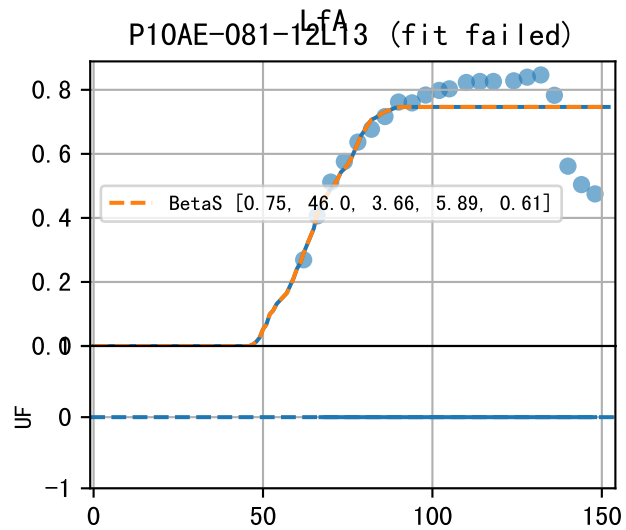
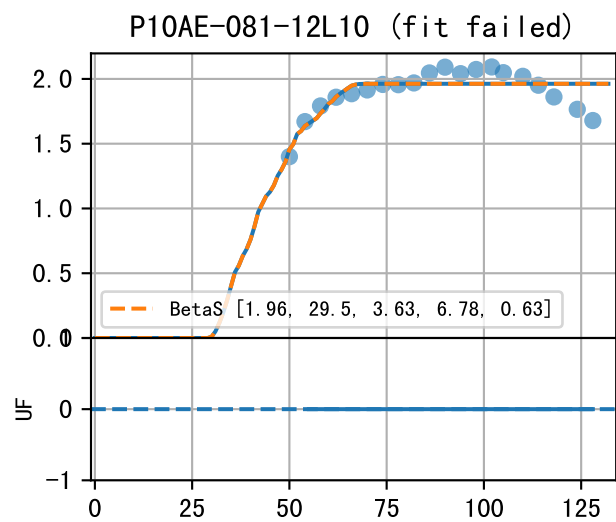


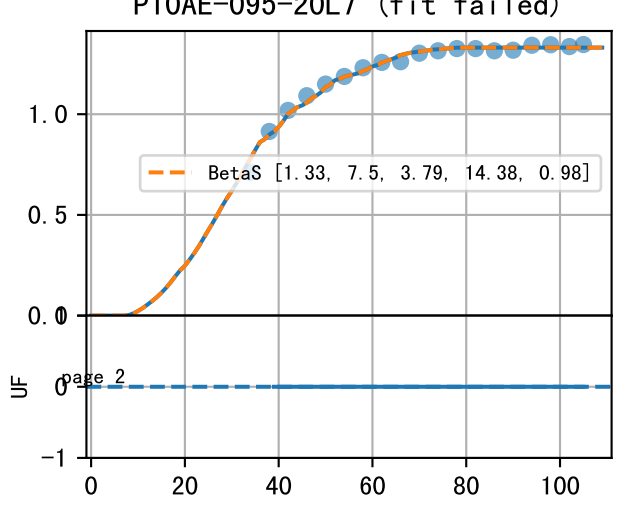
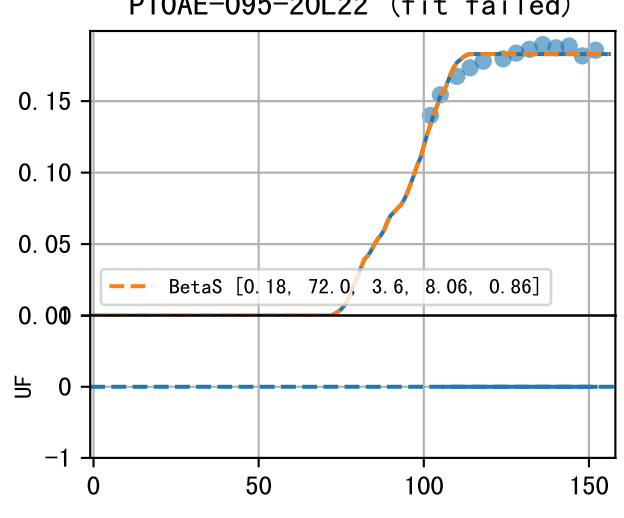
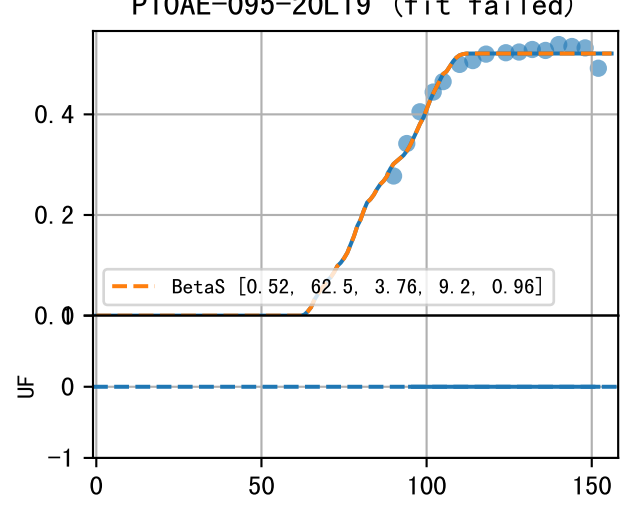
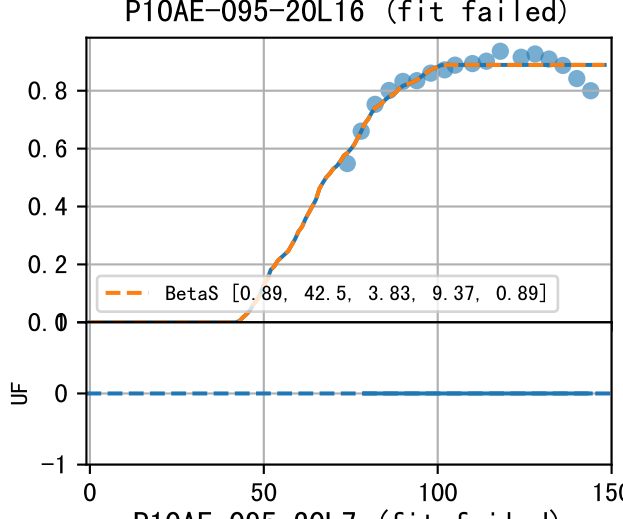
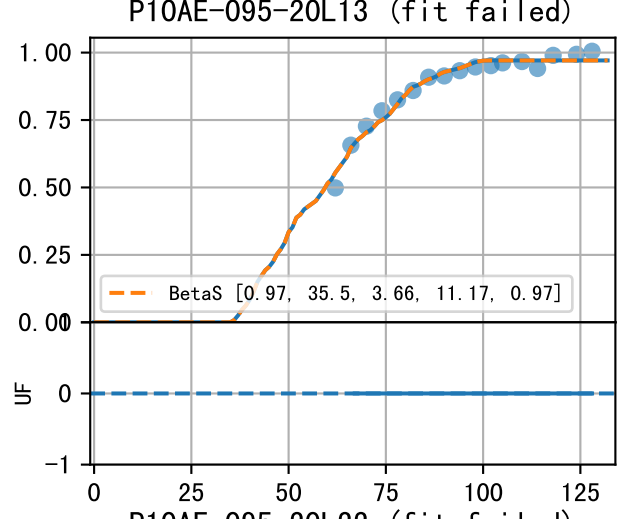
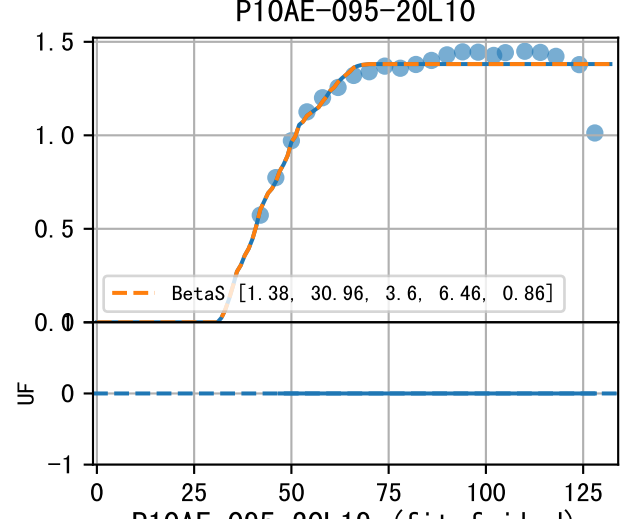
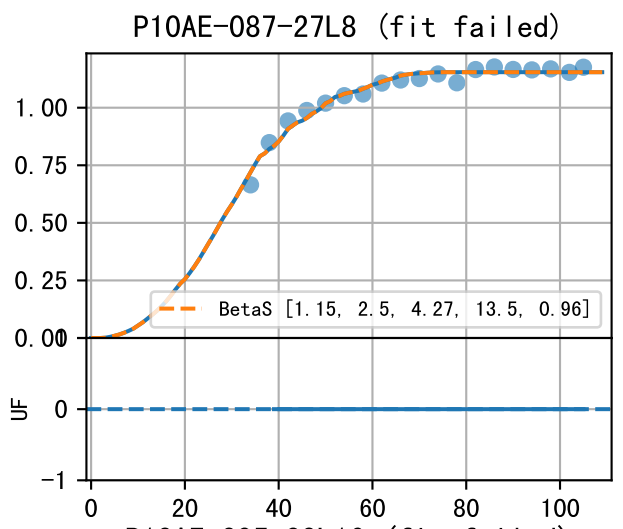
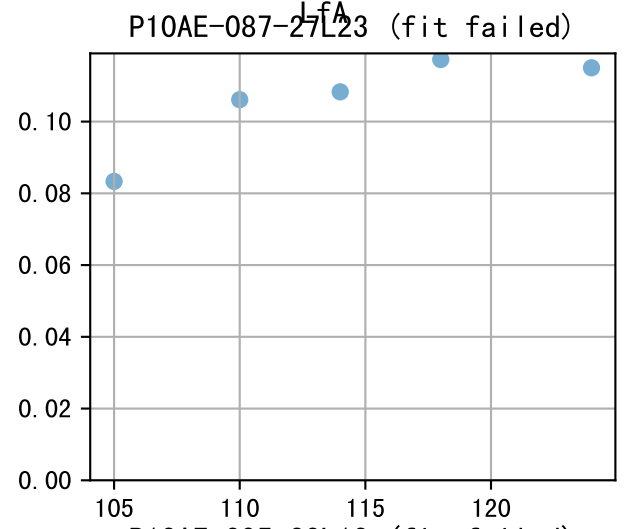
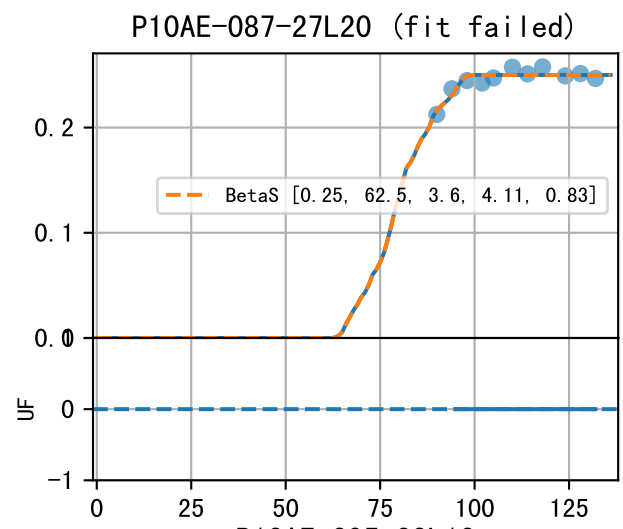
By Start Date

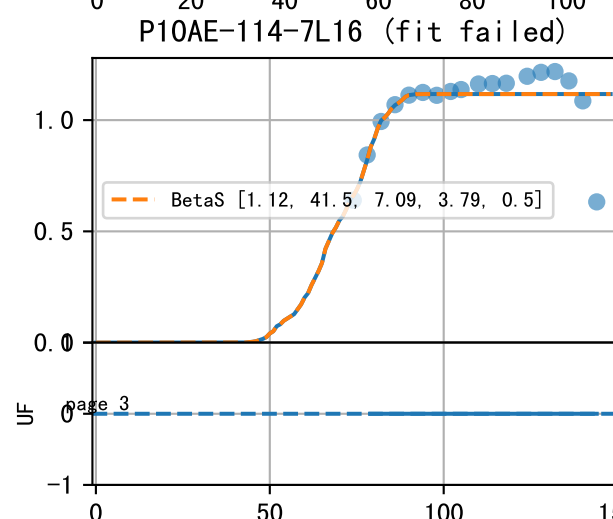
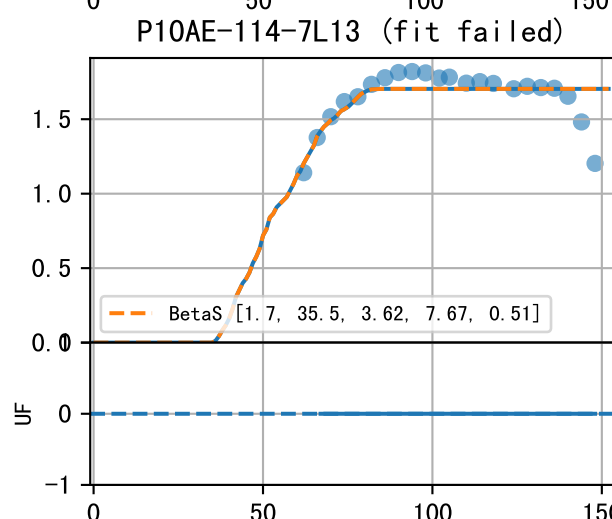
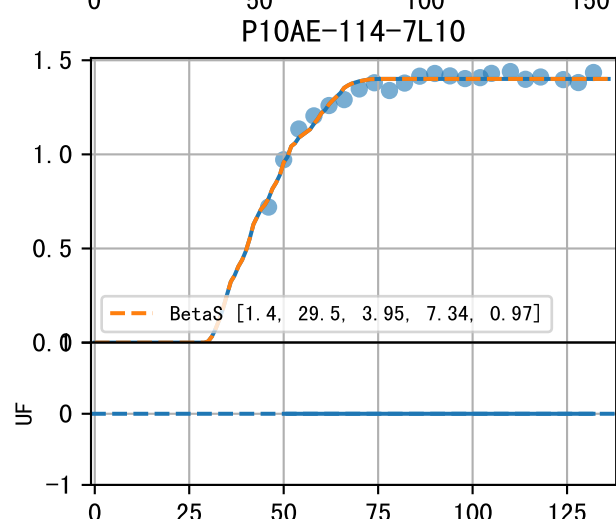
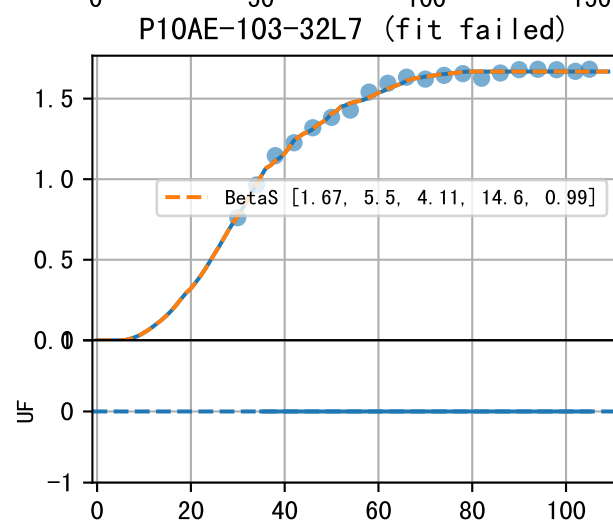
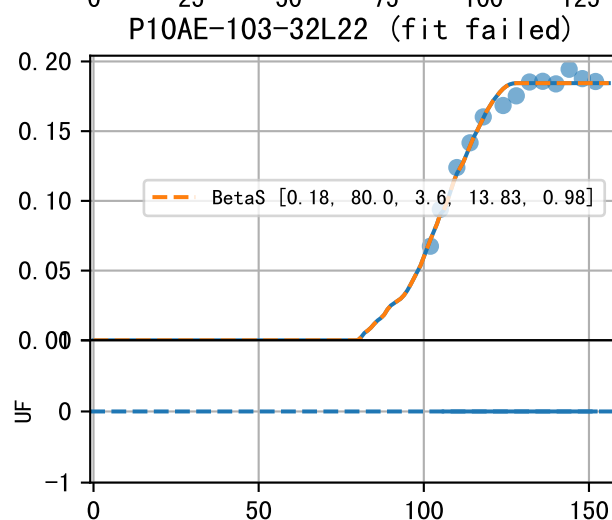
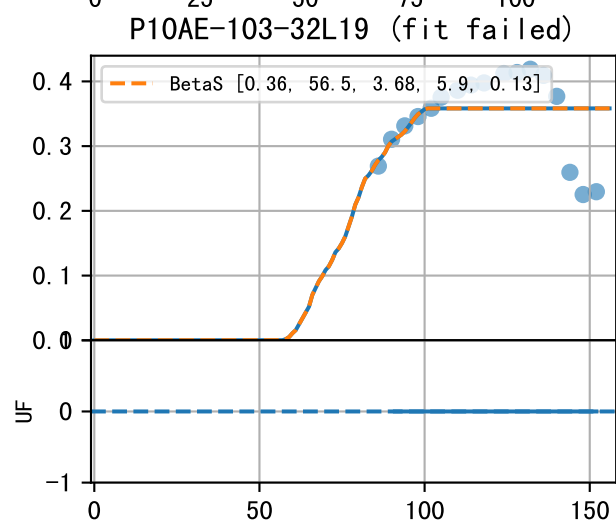
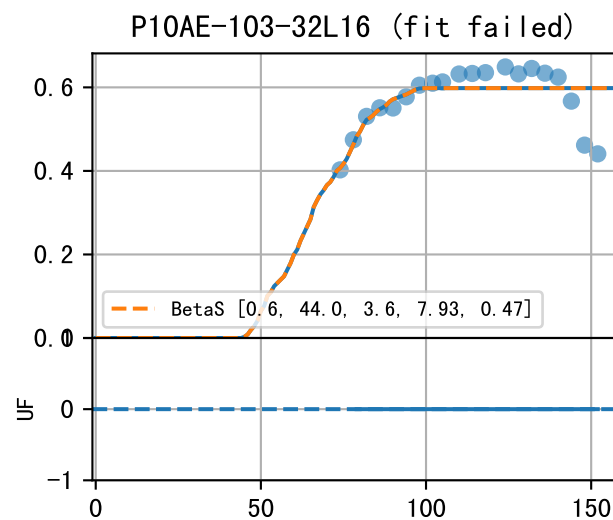
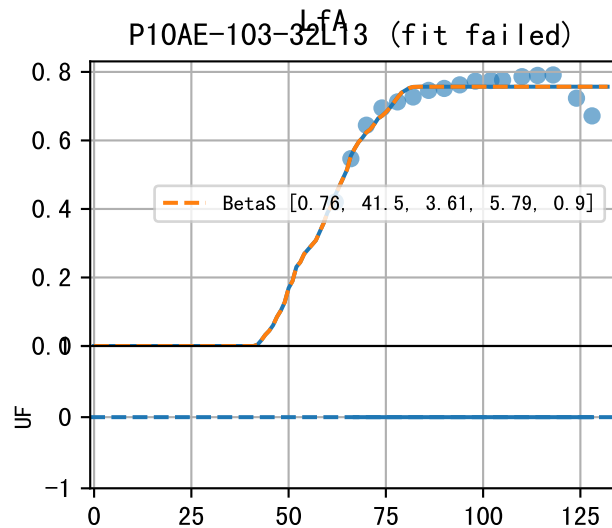
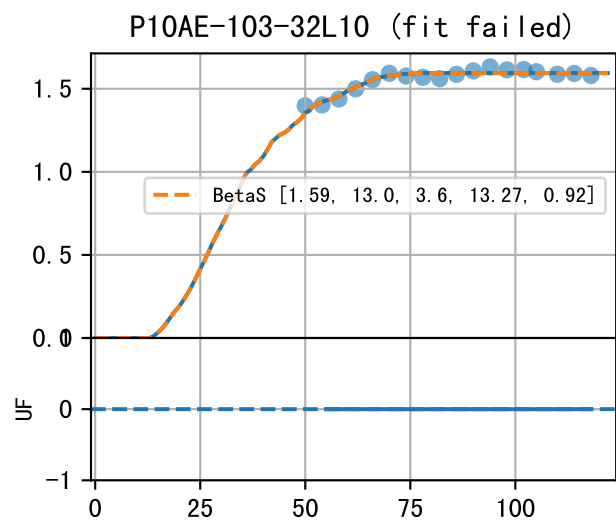


By Plant/Organ Age

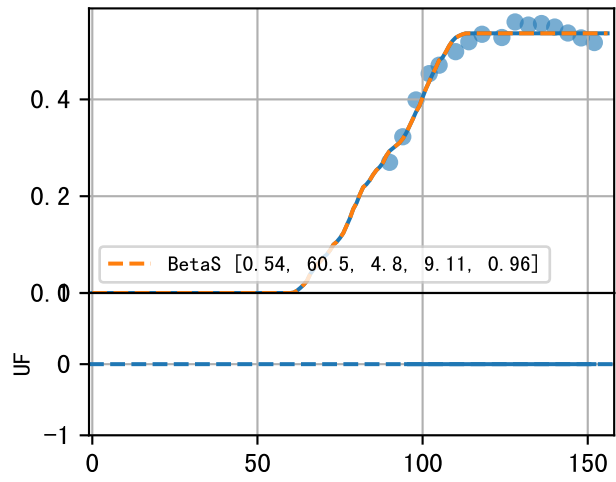




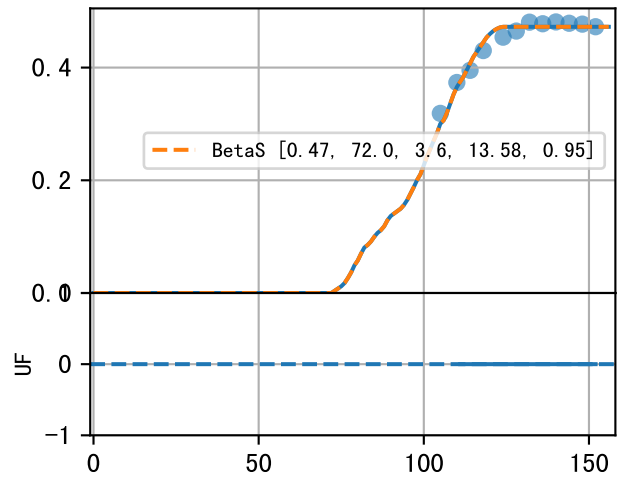




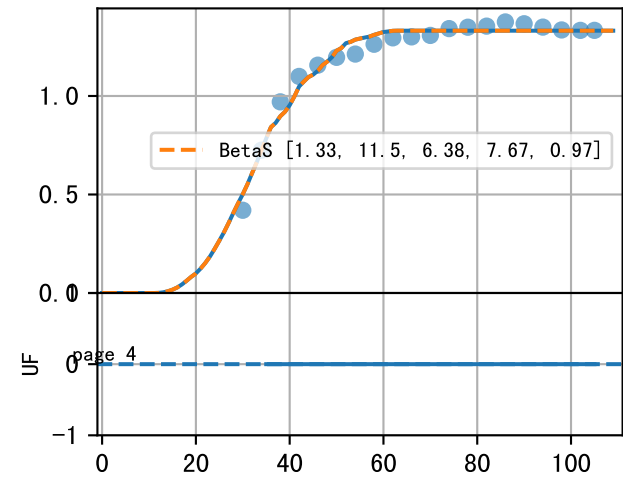
P10AE-114-7L19 (fit failed)



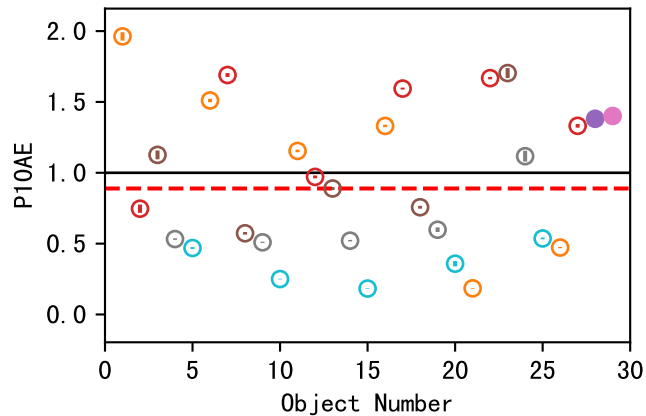
P10AE-114-7L22 (fit failed)



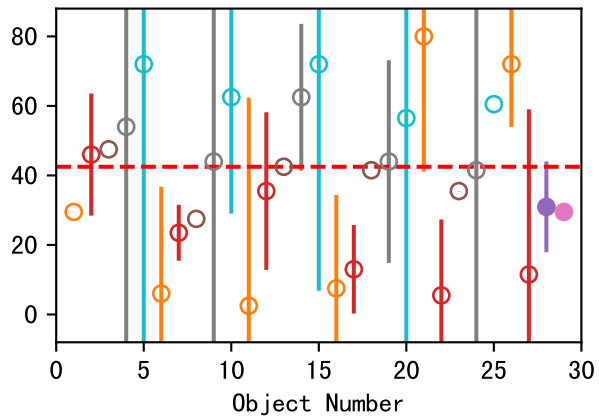
P10AE-114-7L7 (fit failed)



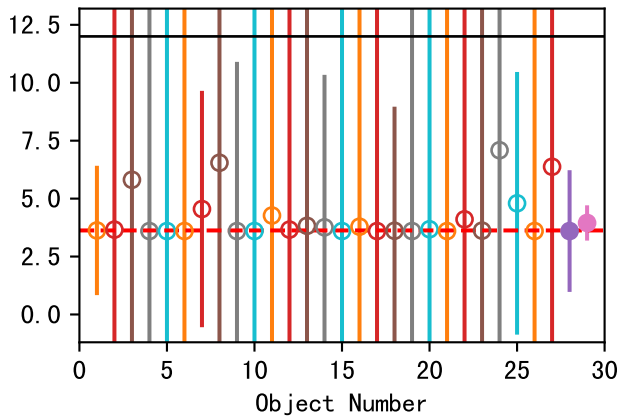
fm (Def=1 Set=0.89)
avg1=0.89~59% avg2=na



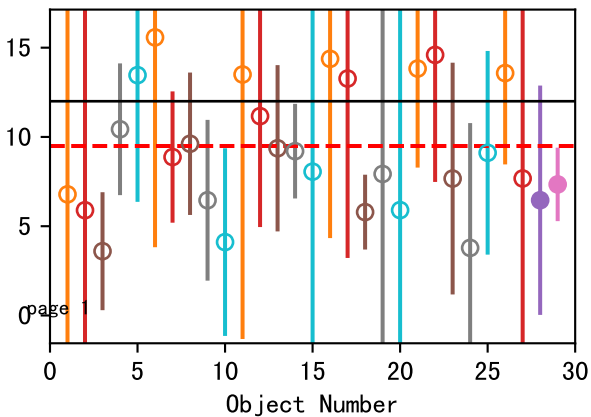
tb (Def=na Set=na)
avg1=1.42~44% avg2=na



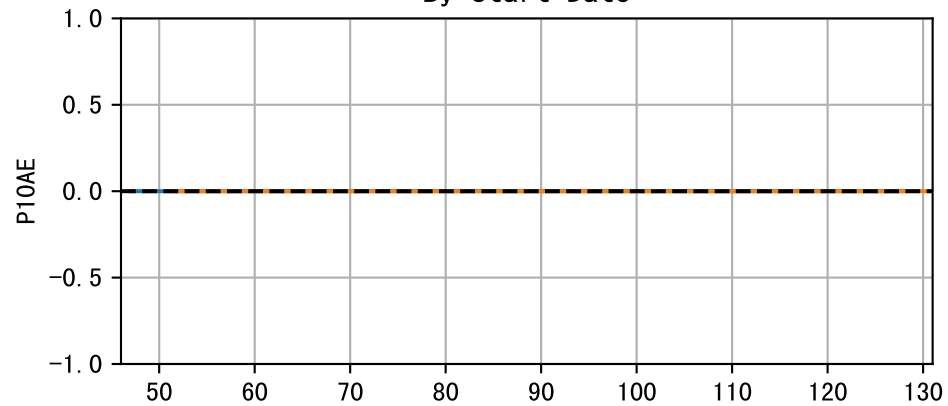
dm (Def=12 Set=4.9)
avg1=3.63~5% avg2=na



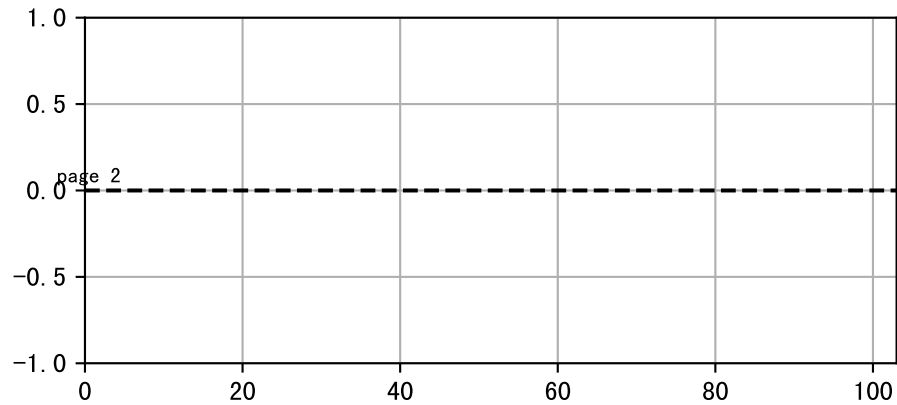
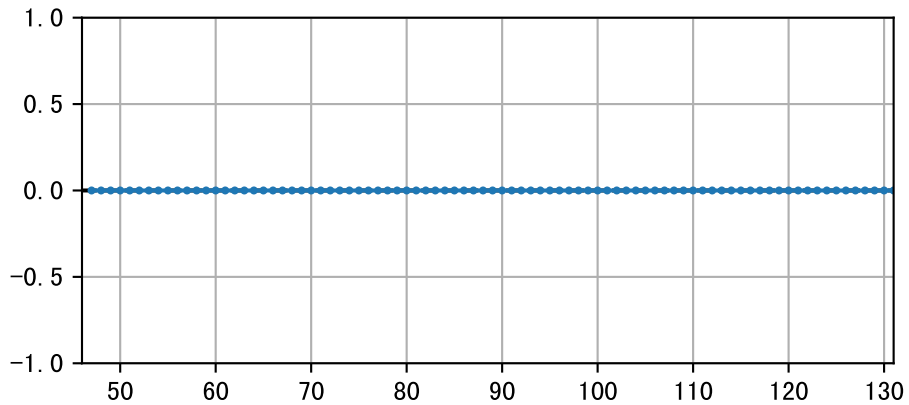
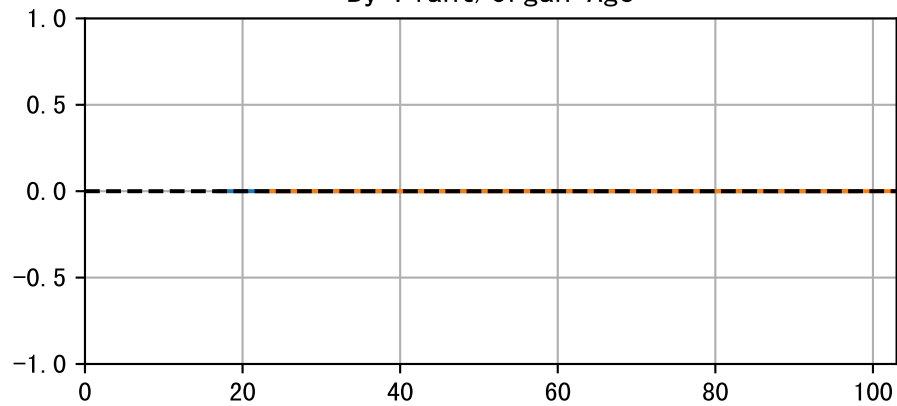
de (Def=12 Set=9.49)
avg1=9.49~36% avg2=na



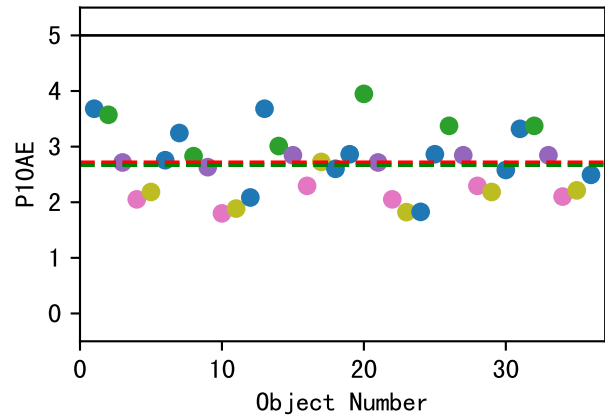
By Start Date



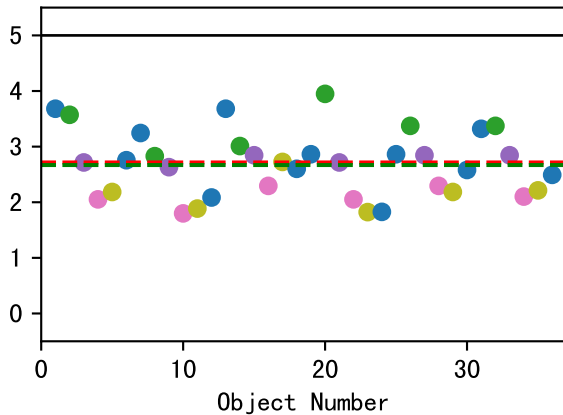
By Plant/Organ Age



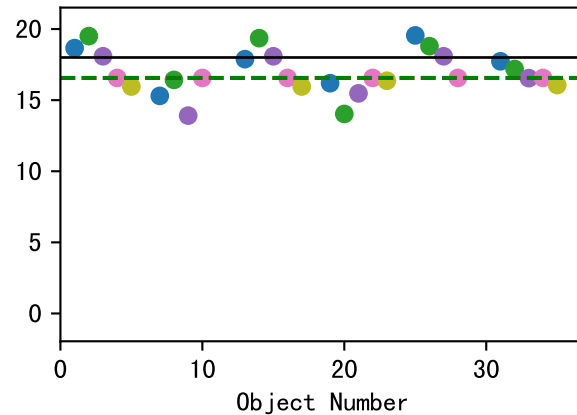
PI_dm (Def=5 Set=2.72)
avg1=2.72~20% avg2=2.67~20%



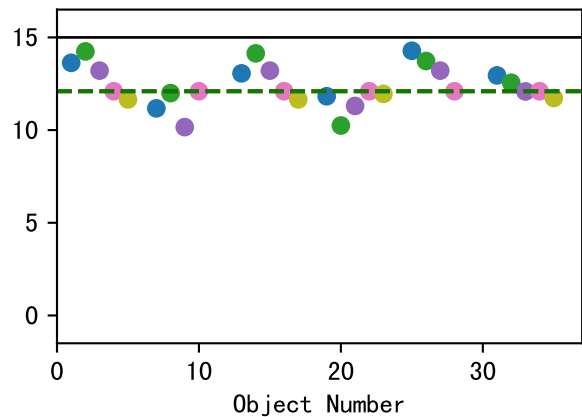
PI_de (Def=5 Set=2.72)
avg1=2.72~20% avg2=2.67~20%



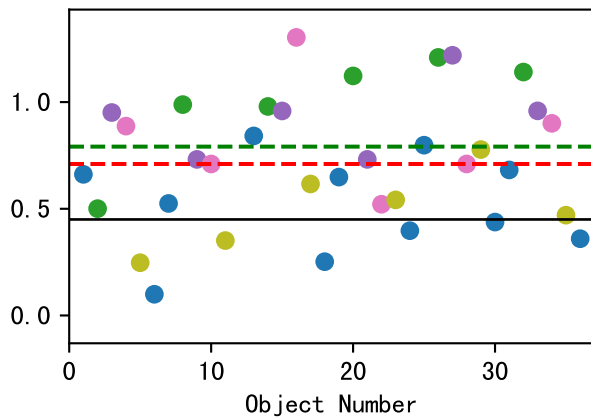
FrV_dm (Def=18 Set=16.56)
avg1=16.56~10% avg2=16.56~4%



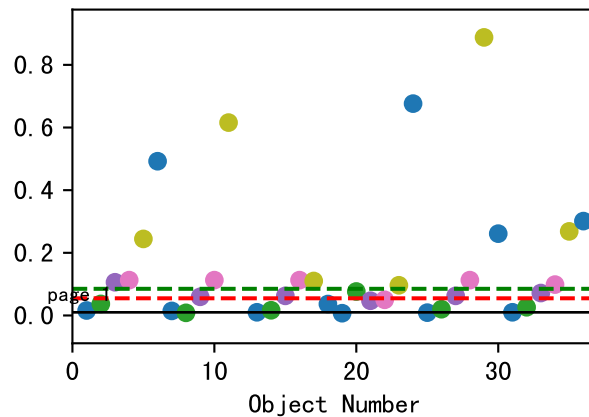
FrV_de (Def=15 Set=12.1)
avg1=12.1~10% avg2=12.1~4%

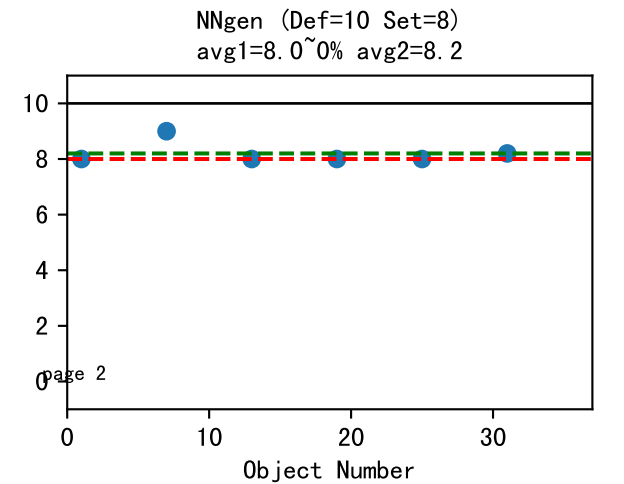
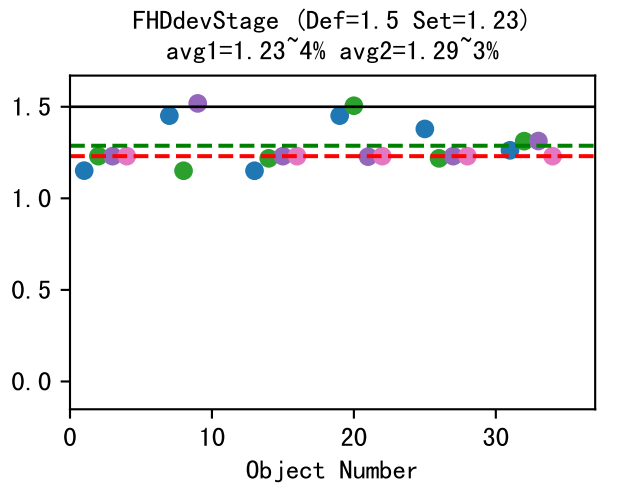
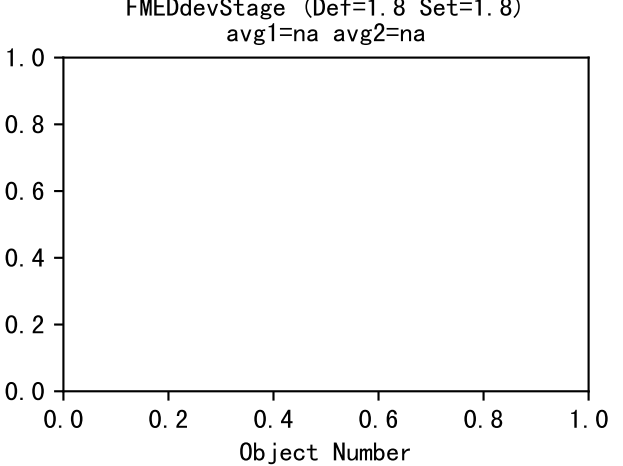
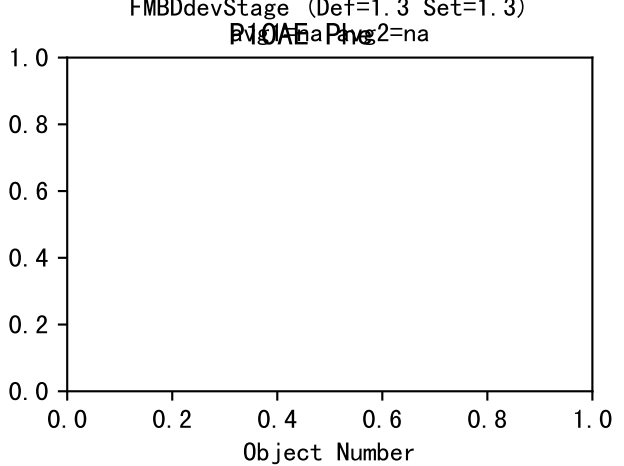
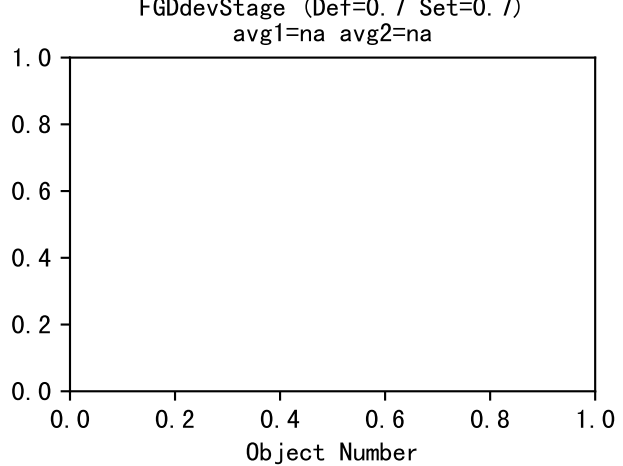


FrN_a (Def=0.45 Set=0.71)
avg1=0.71~43% avg2=0.79~38%



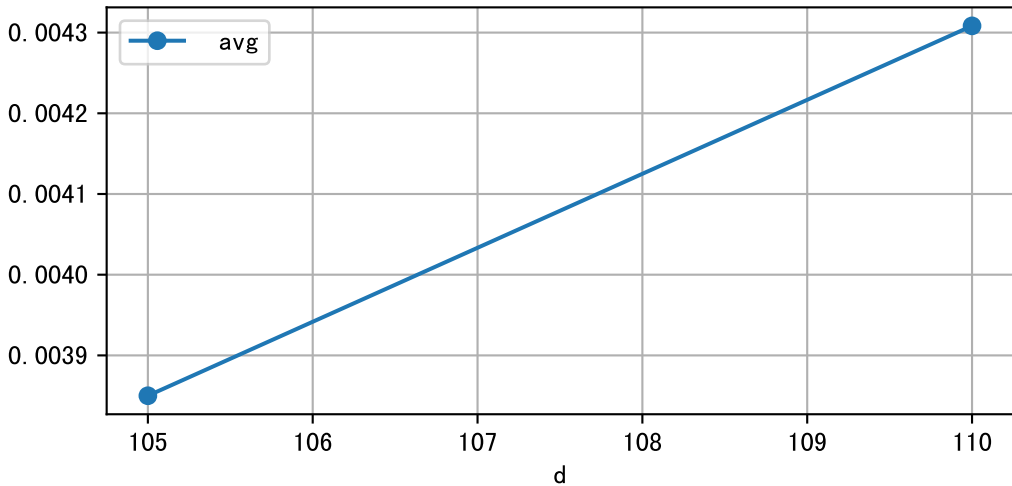
FSDdevStage (Def=0.01 Set=0.01)
avg1=0.05~101% avg2=0.09~147%





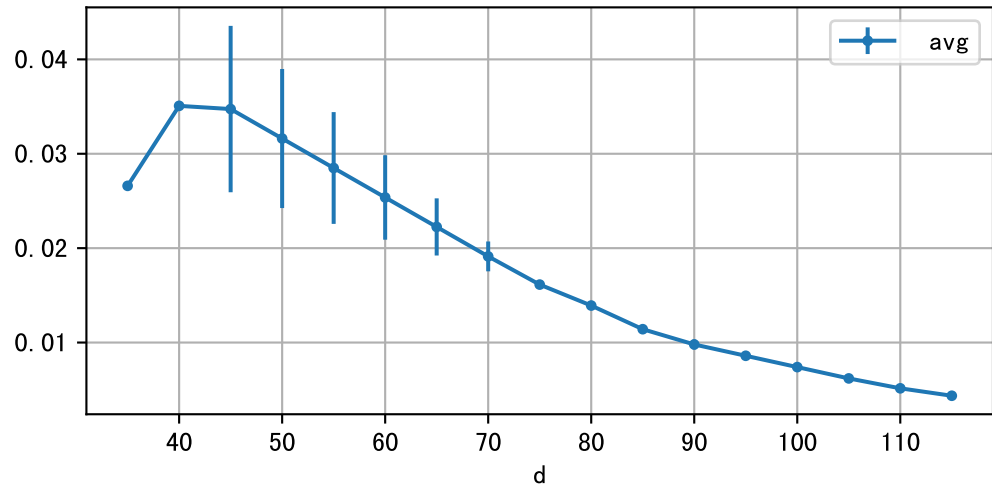
LfA: avg vs. d at each age group

age=15

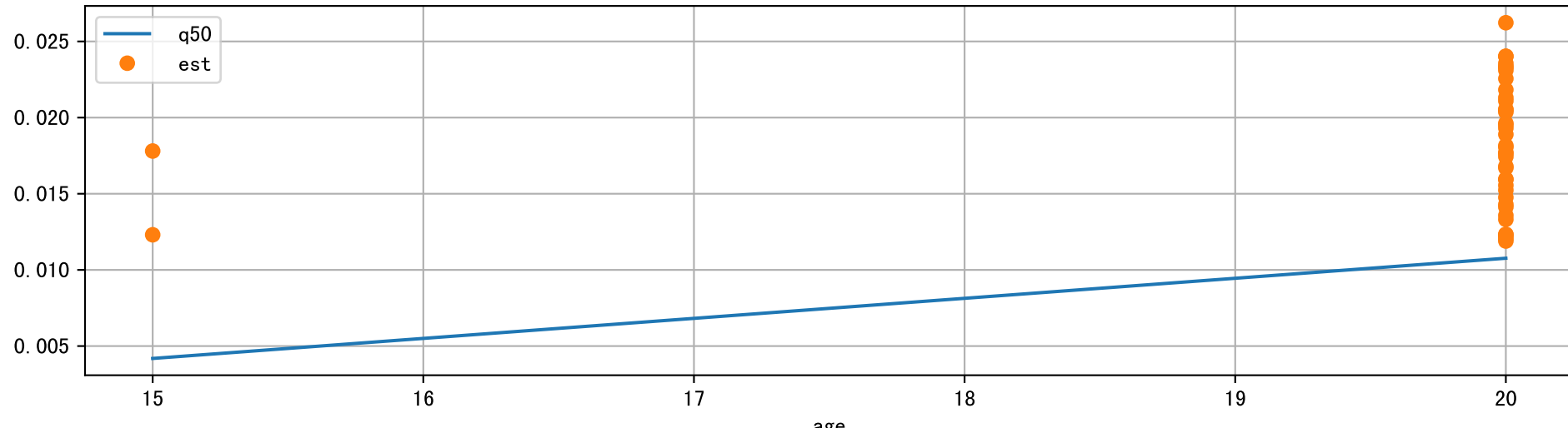


page 1

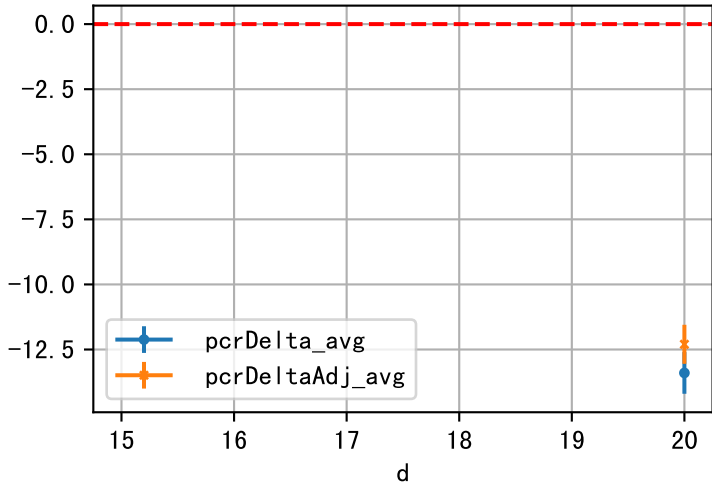
age=20



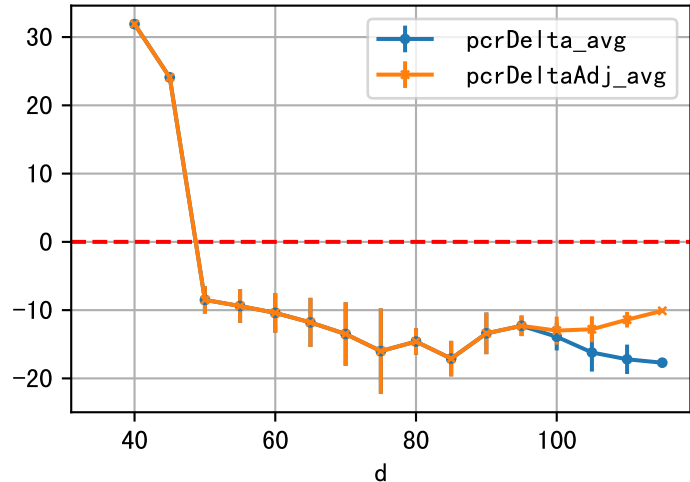
LfA: model est vs obs0v@Q50



DeltaTypeAbbr=GrpByAge

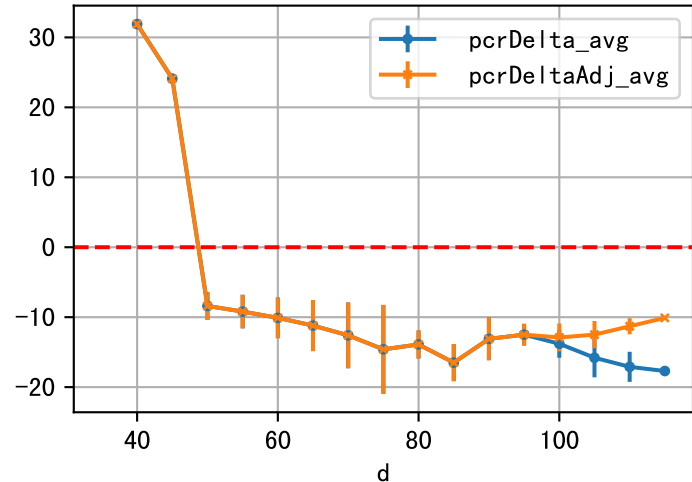


DeltaTypeAbbr=GrpByDay



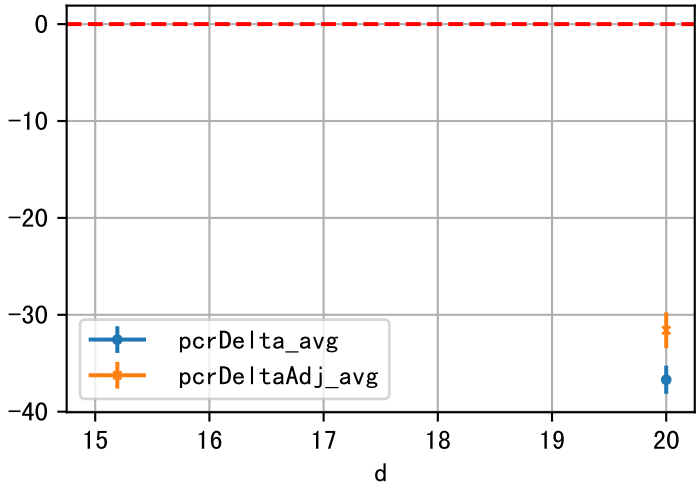
page 3

DeltaTypeAbbr=Wei AvgByD

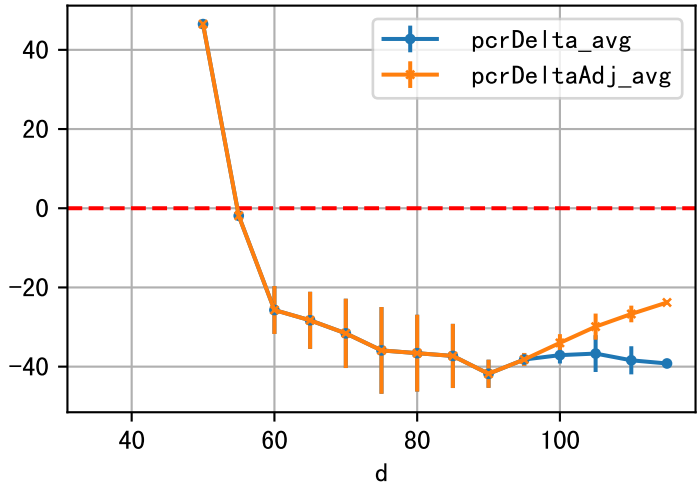


P10AE LfA: D_15d_LfA

DeltaTypeAbbr=GrpByAge

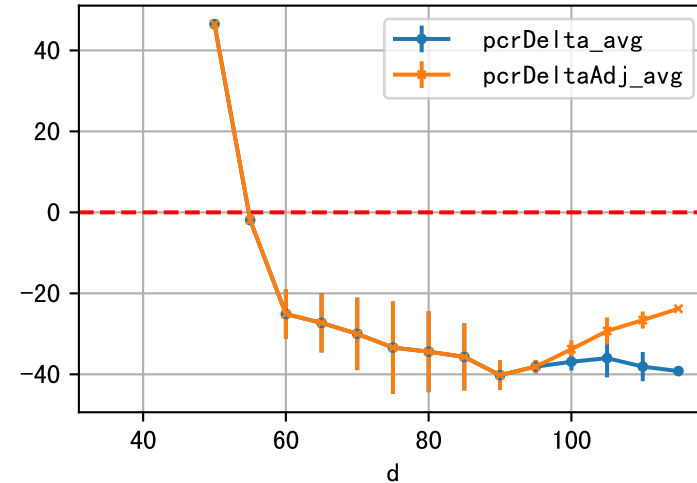


DeltaTypeAbbr=GrpByDay

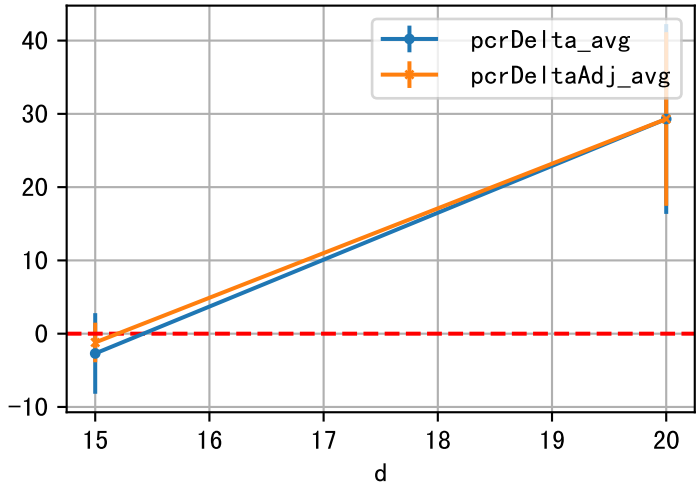


page 4

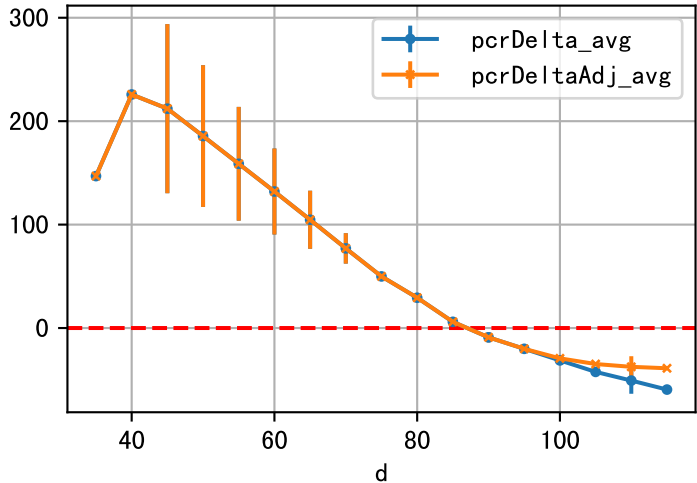
DeltaTypeAbbr=Wei AvgByD



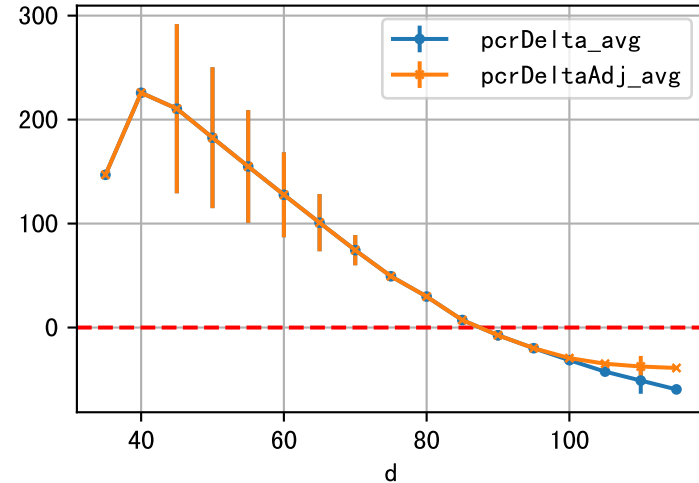
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

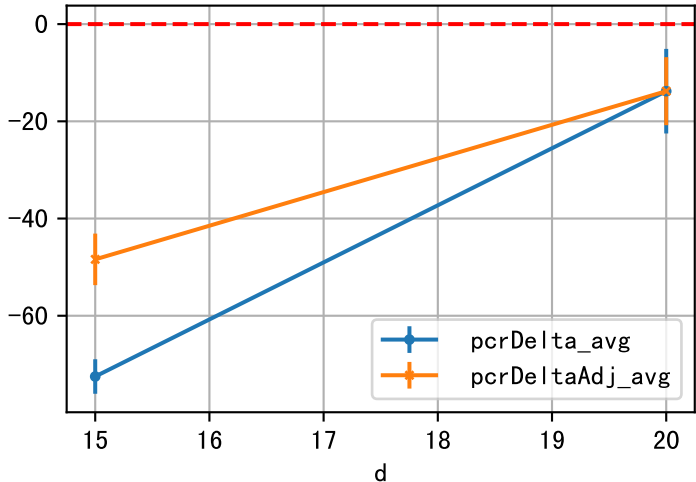


DeltaTypeAbbr=Wei AvgByD

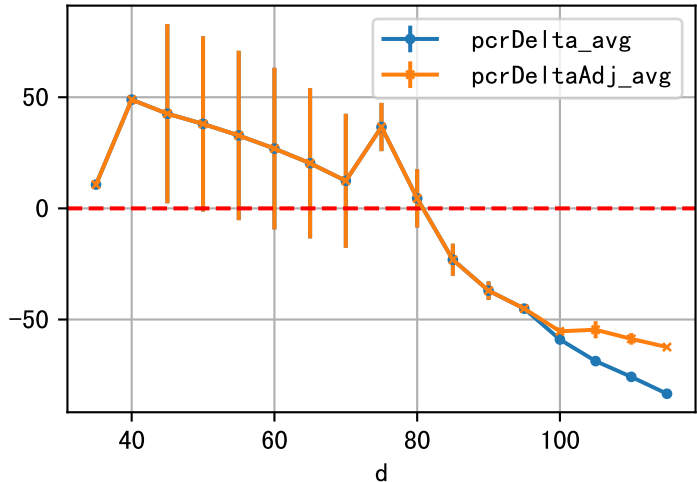


P10AE LfA: D_Est_LfA

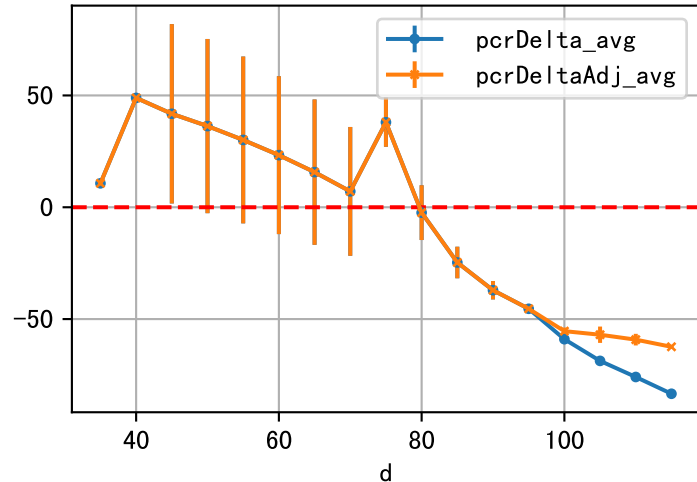
DeltaTypeAbbr=GrpByAge



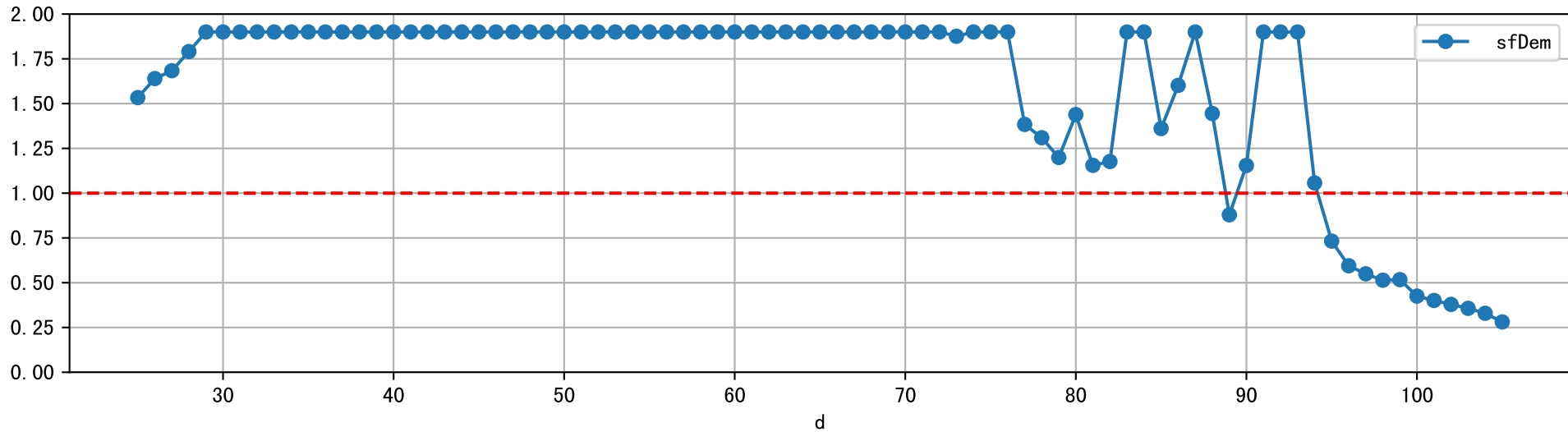
DeltaTypeAbbr=GrpByDay

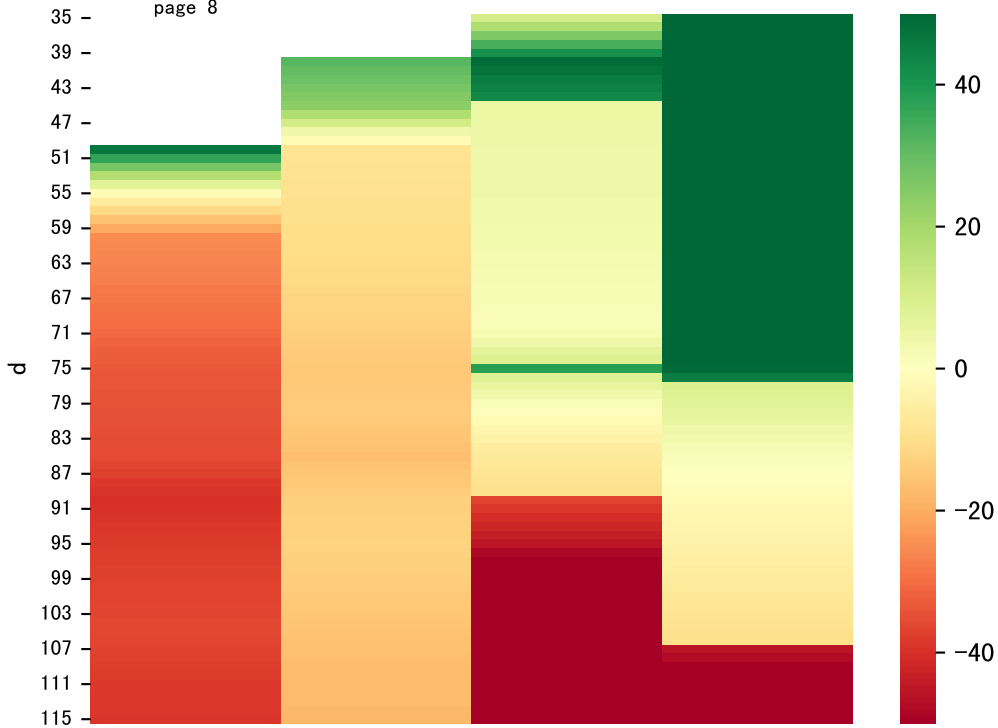


DeltaTypeAbbr=Wei AvgByD



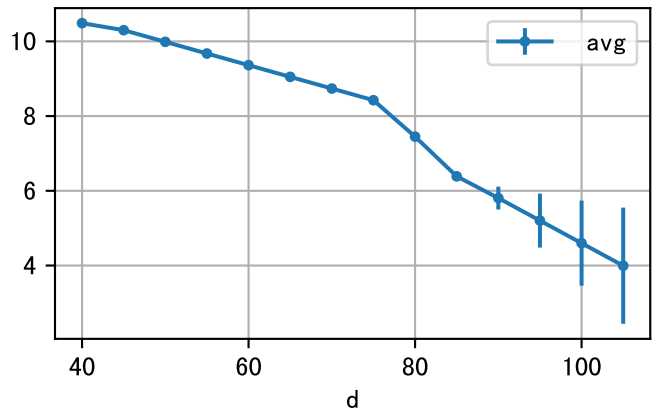
LfA: sfDem



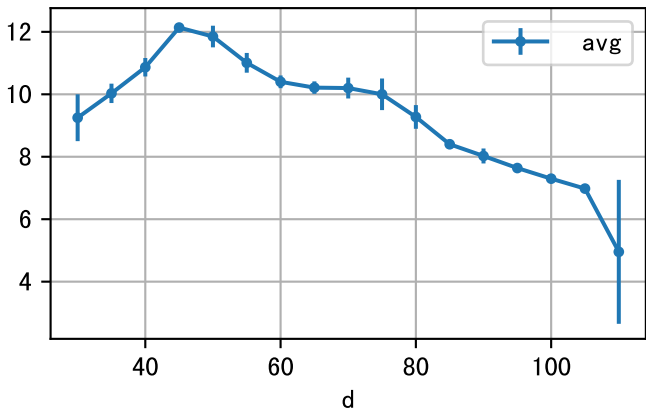


NdD: avg vs. d at each age group

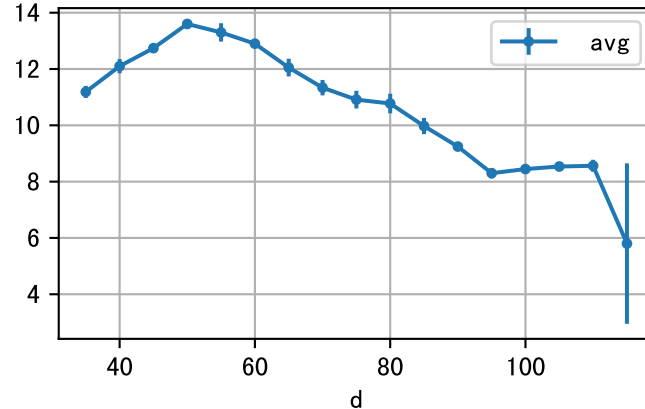
age=15



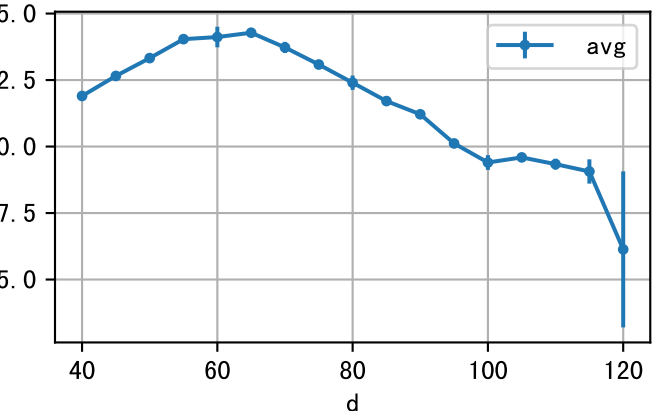
age=20



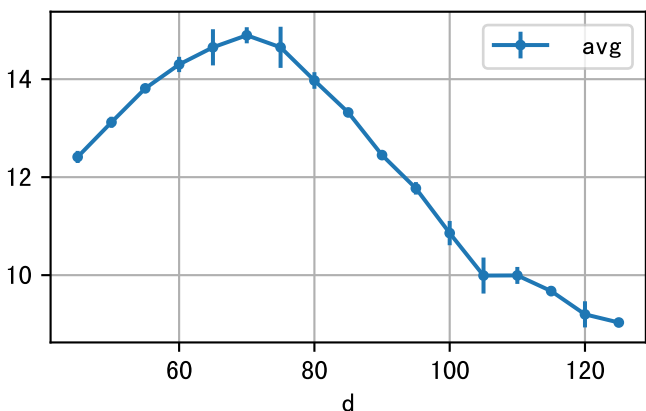
age=25



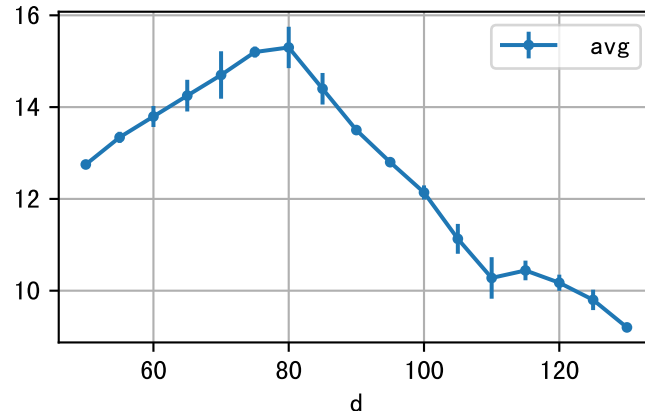
age=30



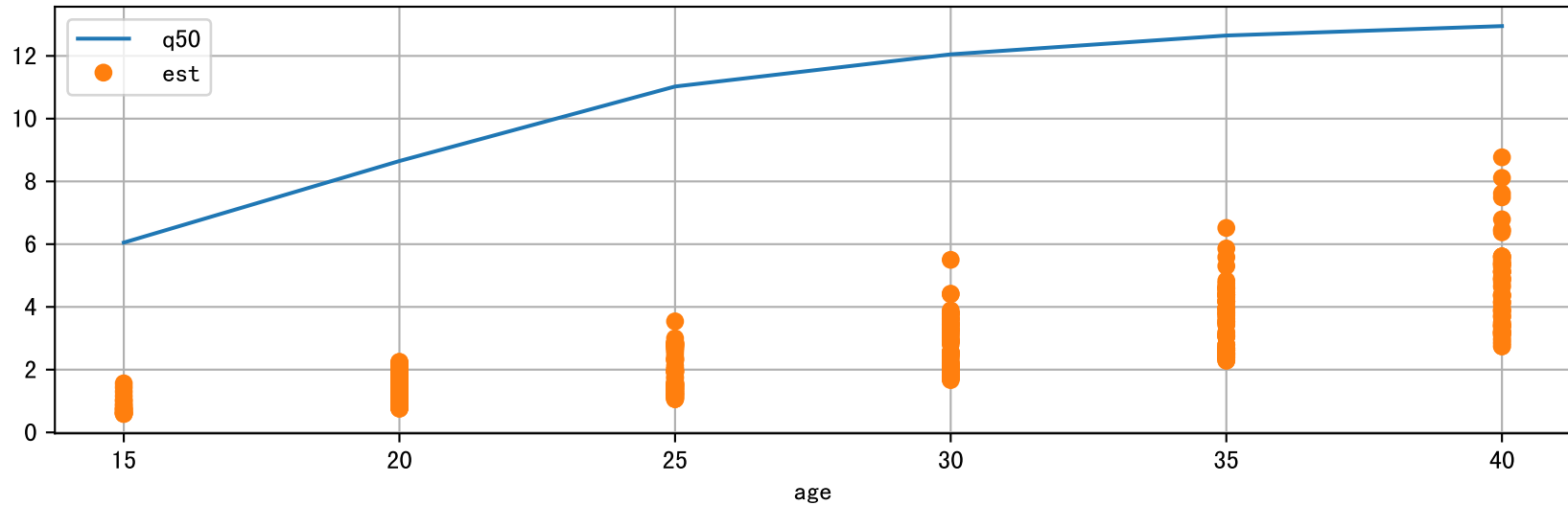
age=35



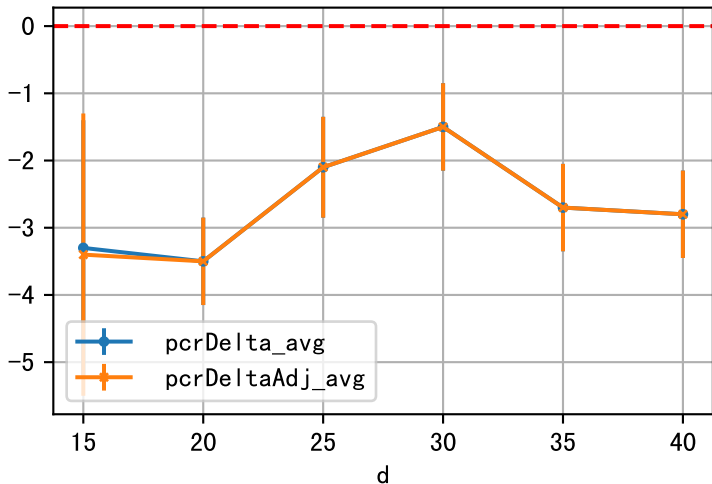
age=40



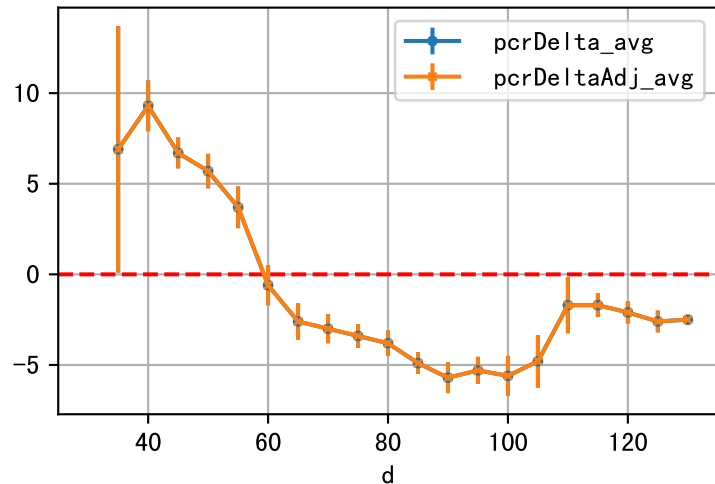
NdD: model est vs obs0v@Q50



DeltaTypeAbbr=GrpByAge

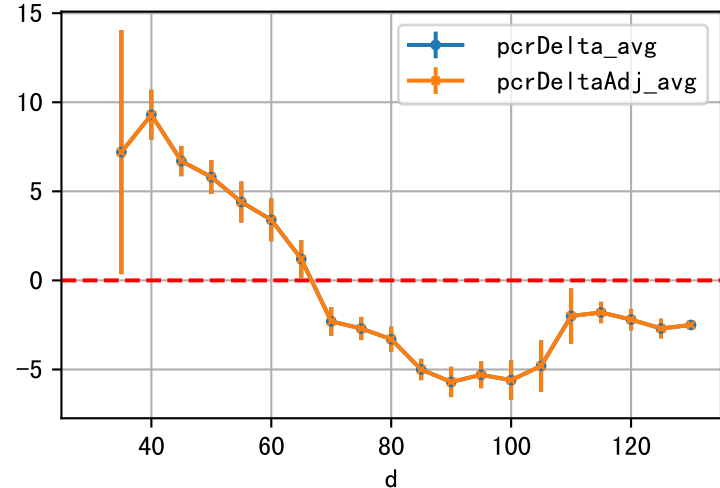


DeltaTypeAbbr=GrpByDay

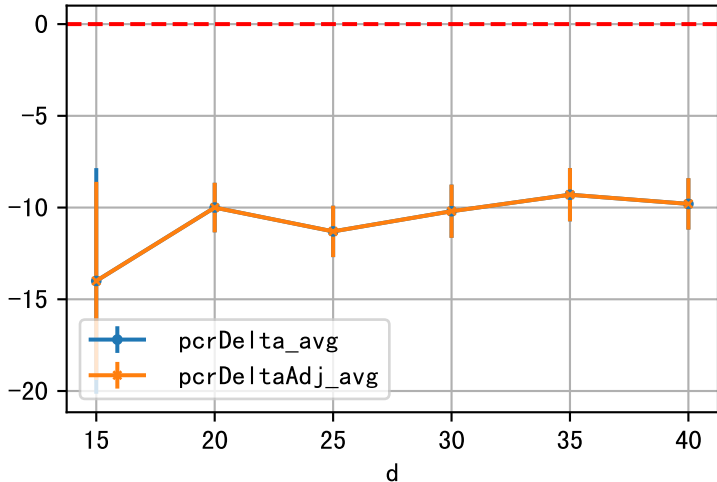


page 11

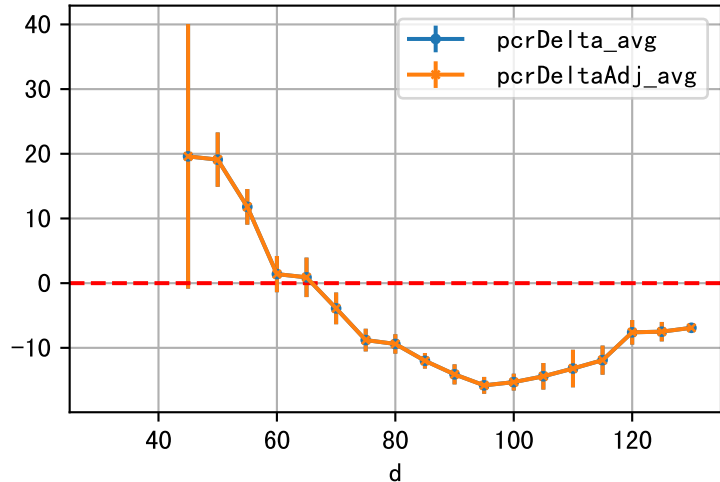
DeltaTypeAbbr=Wei AvgByD



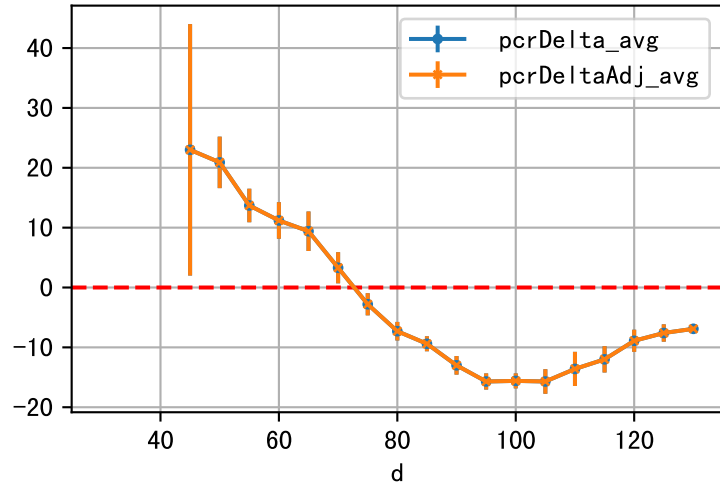
DeltaTypeAbbr=GrpByAge



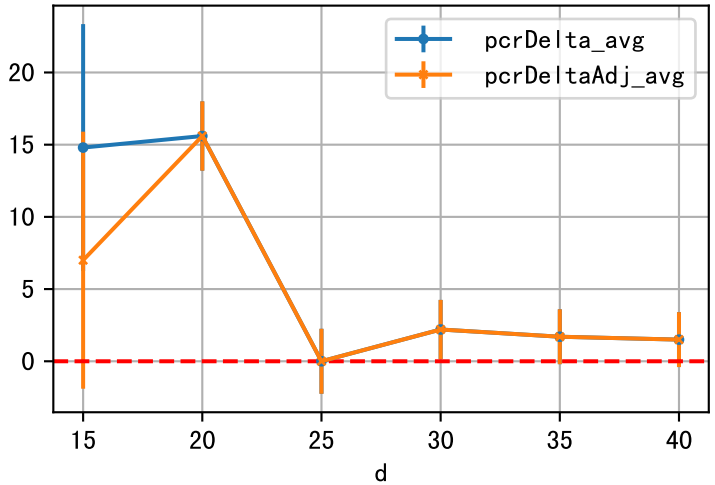
DeltaTypeAbbr=GrpByDay



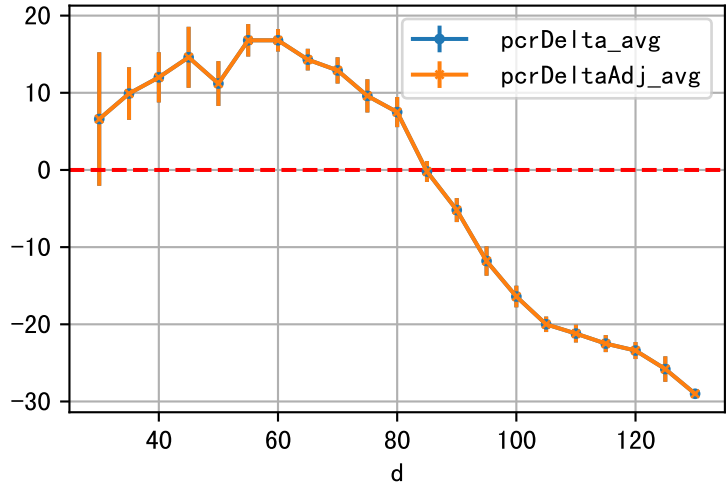
DeltaTypeAbbr=Wei AvgByD



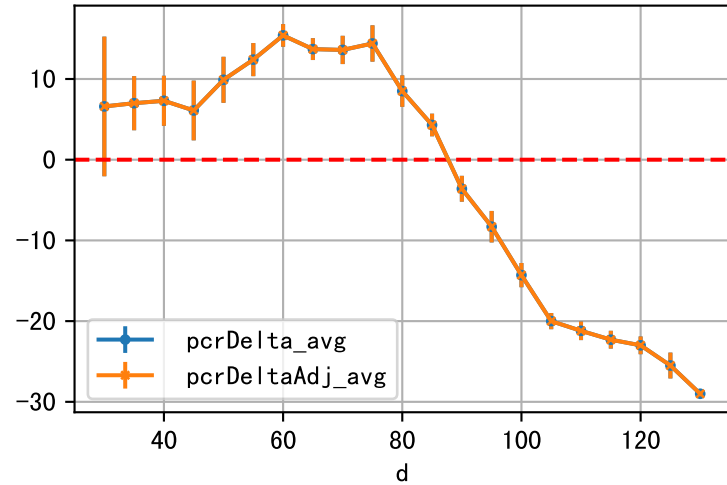
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

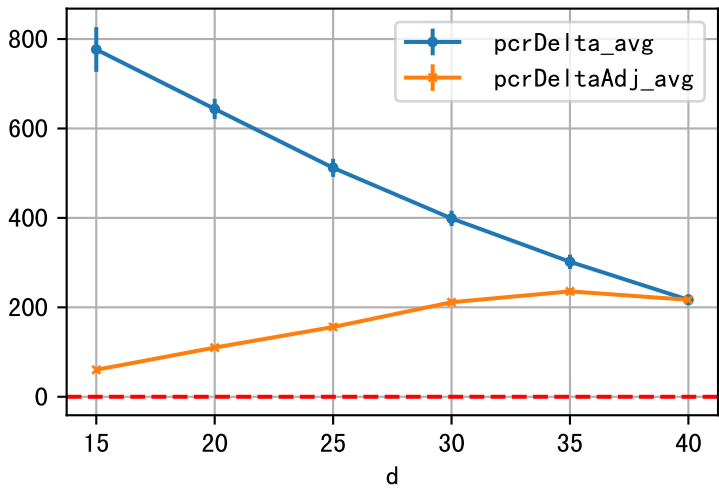


DeltaTypeAbbr=Wei AvgByD

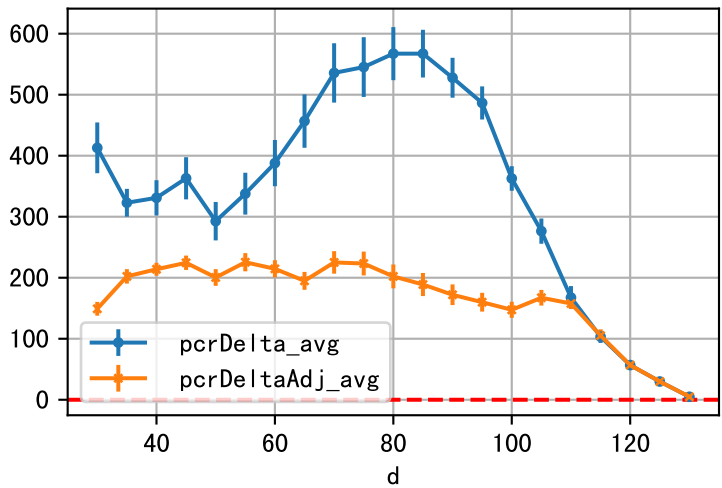


P10AE NdD: D_Est_NdD

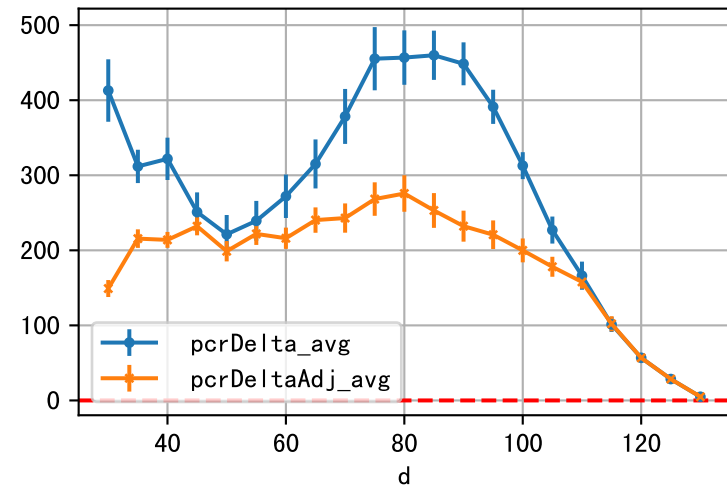
DeltaTypeAbbr=GrpByAge



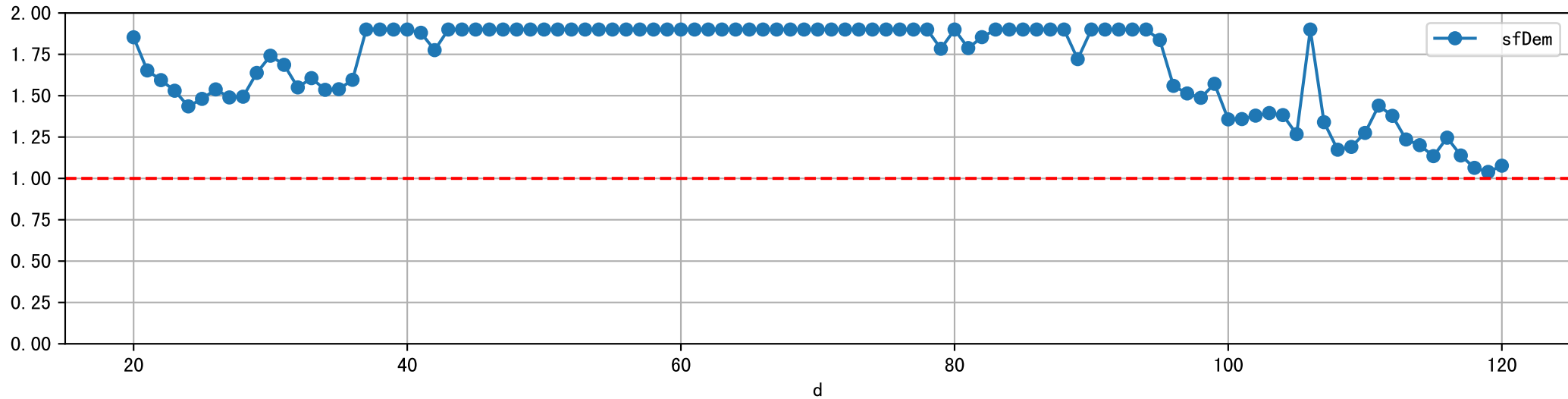
DeltaTypeAbbr=GrpByDay

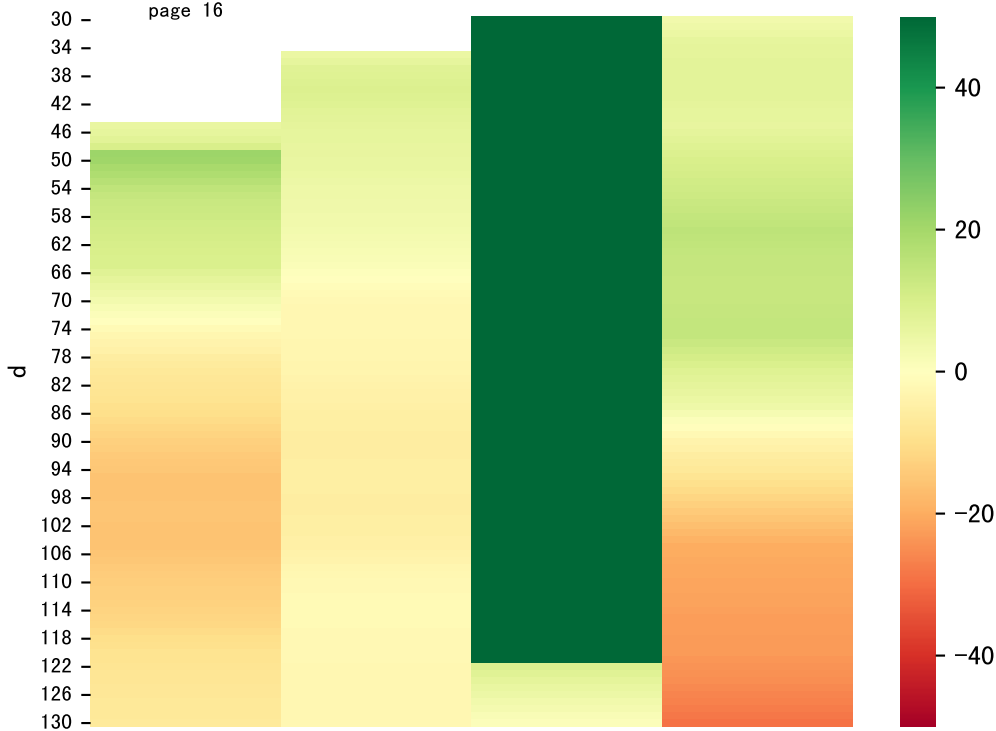


DeltaTypeAbbr=Wei AvgByD

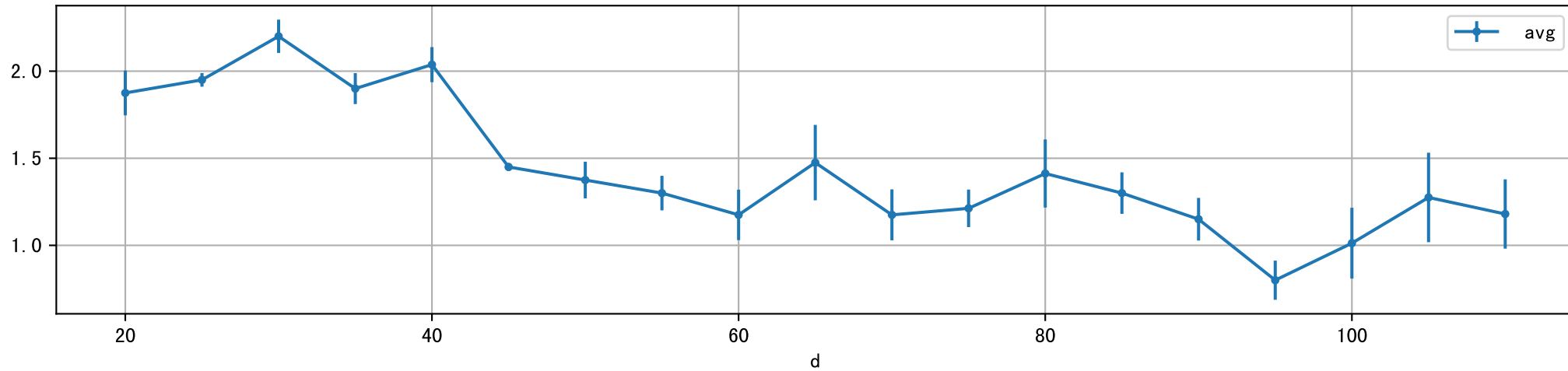


NdD: sfDem

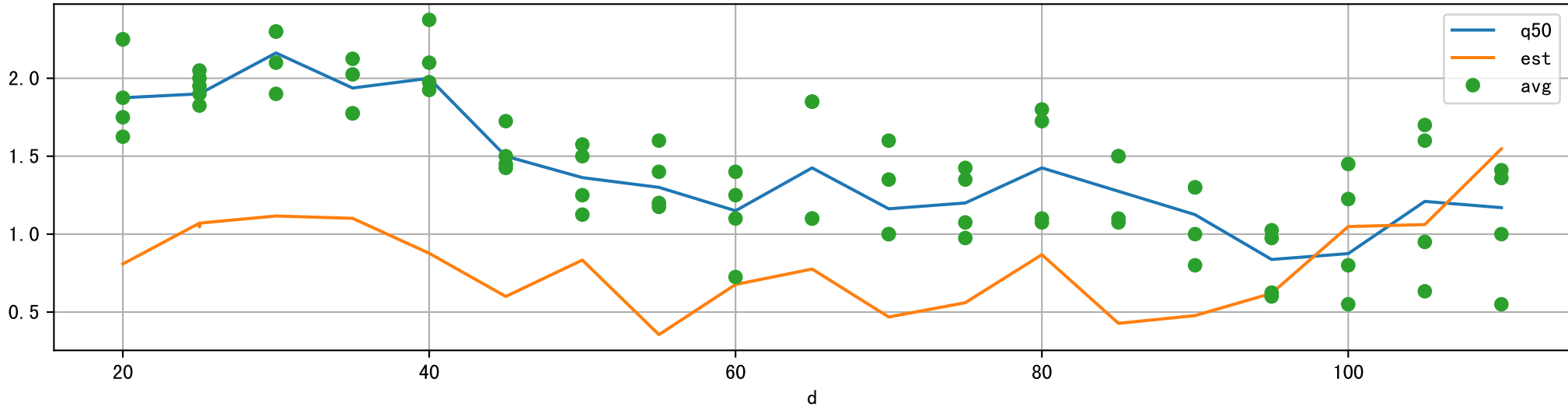




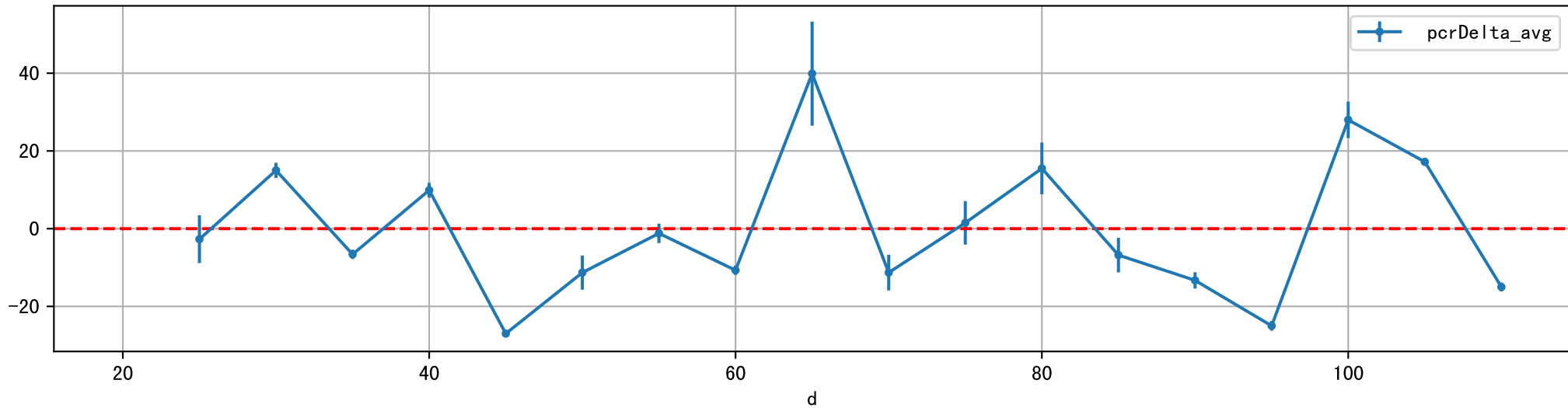
dStH: avg vs. d



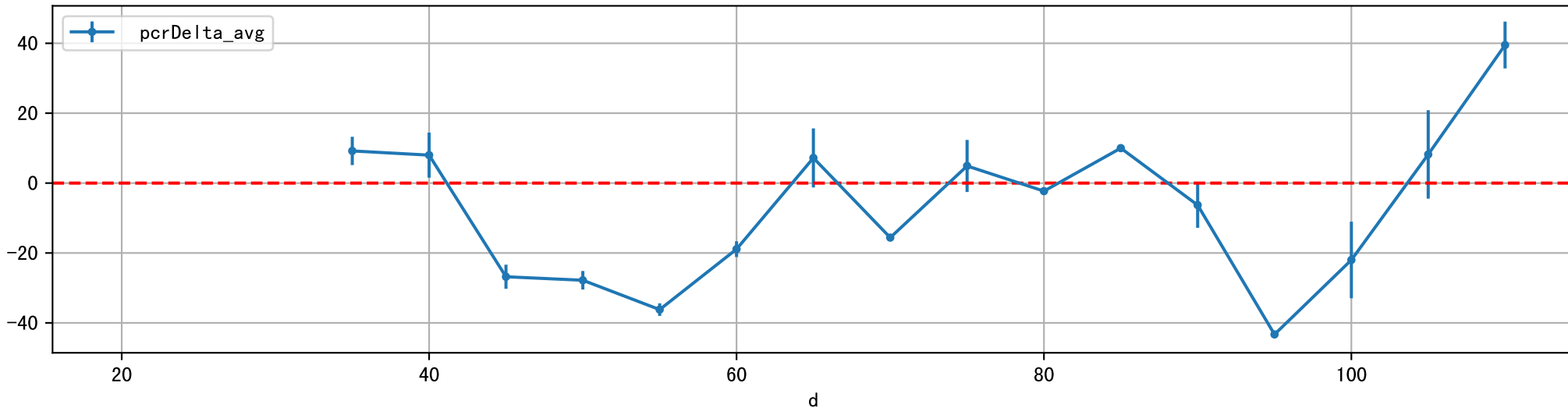
dStH: obsAvg vs obs0v@Q50



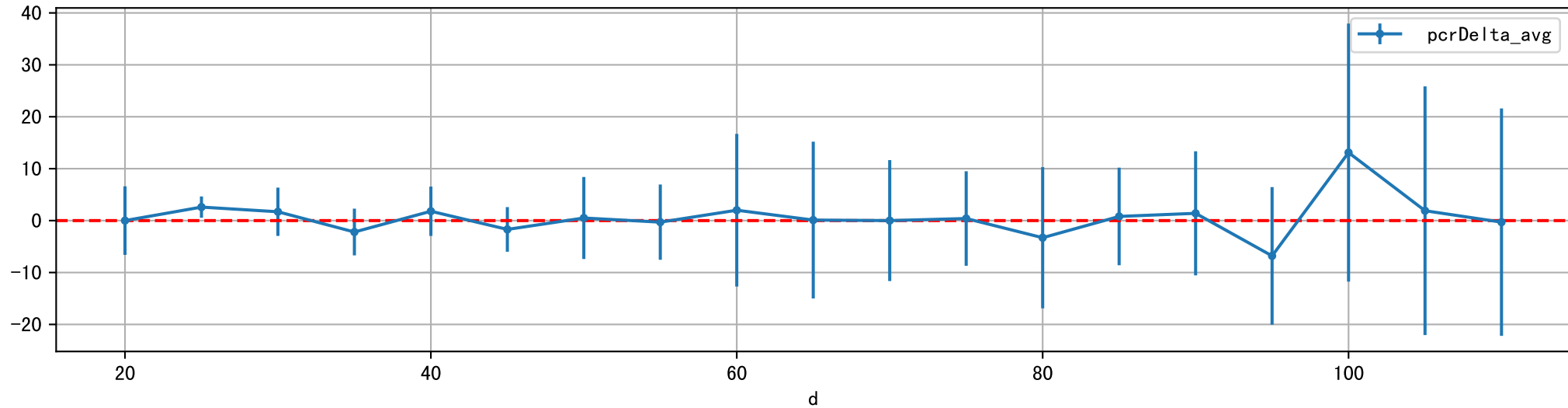
dStH: D_5d_StH



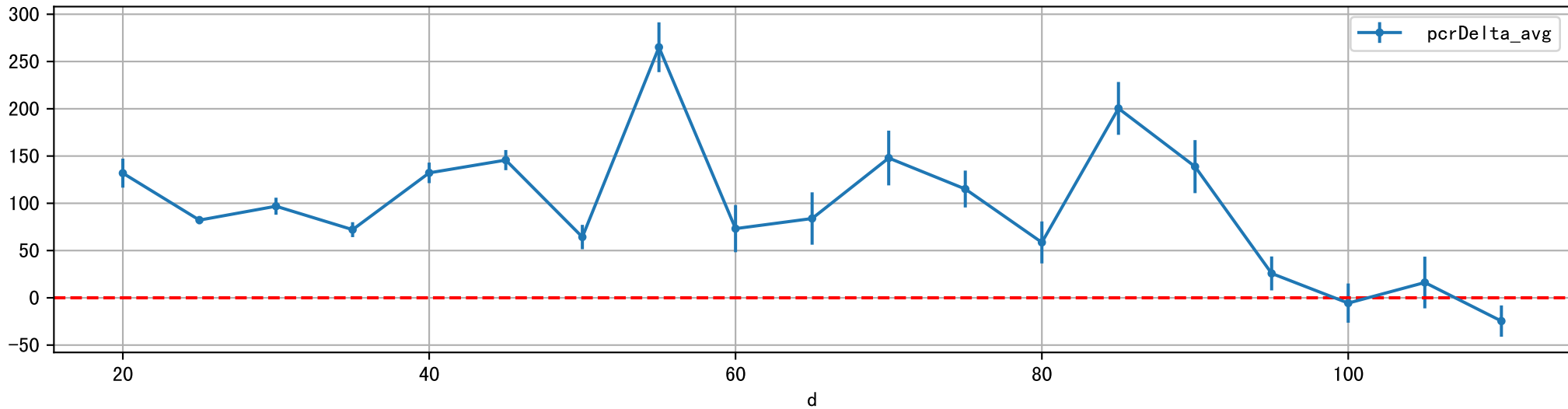
dStH: D_15d_StH



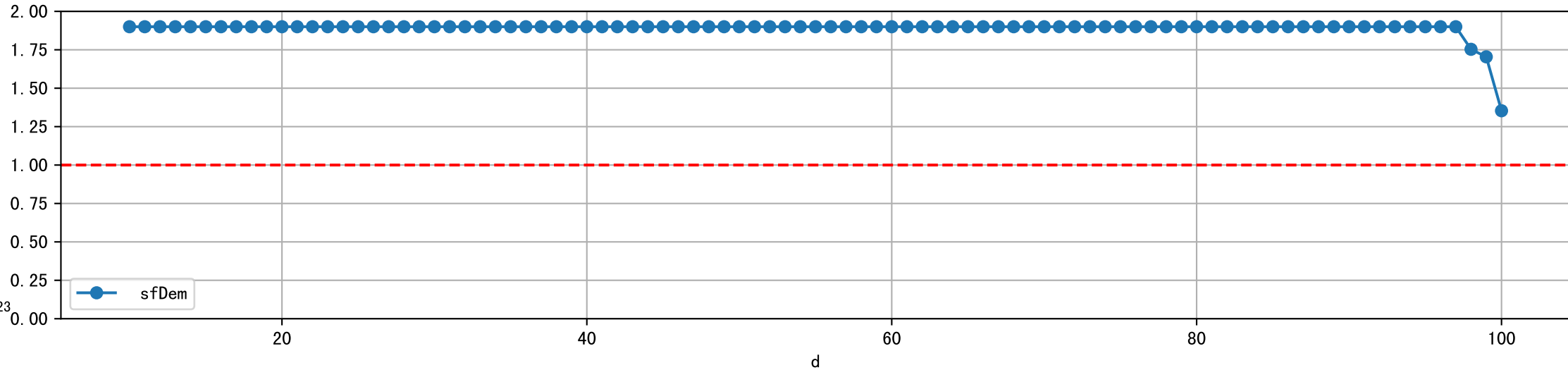
dStH: D_Q50_StH

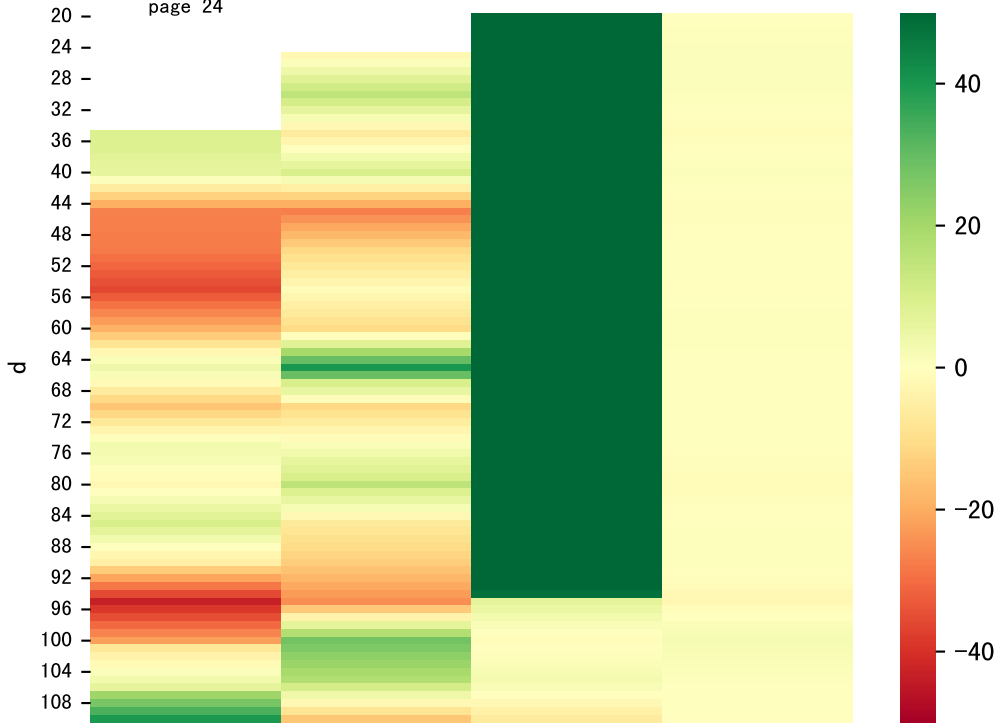


dStH: D_Est_StH



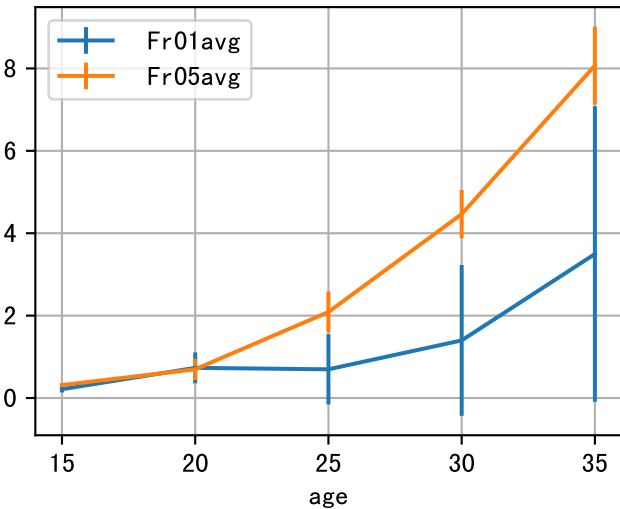
dStH: sfDem



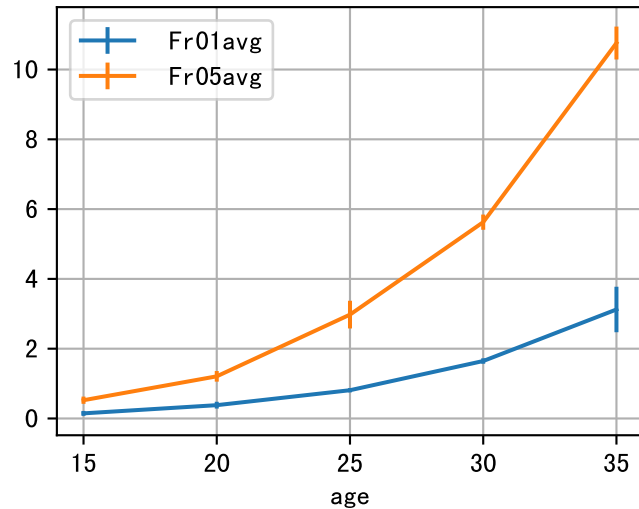


FrV: Fr01 vs Fr05 at each truss

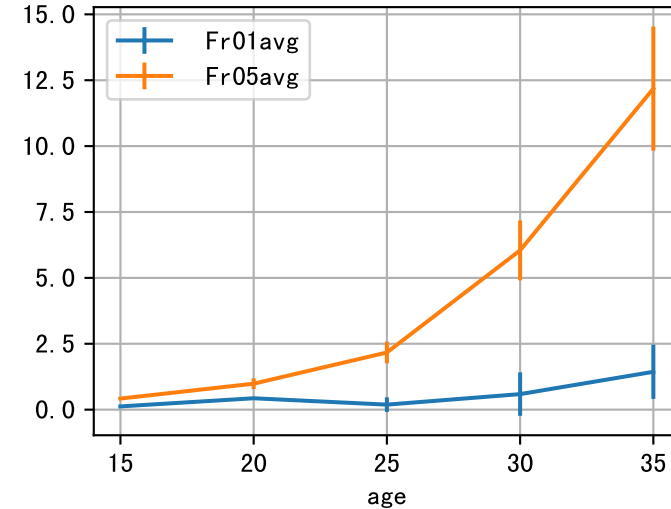
organID=T01



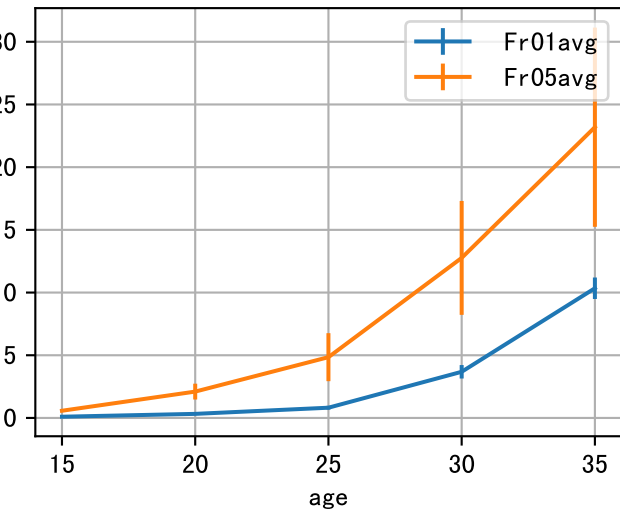
organID=T02



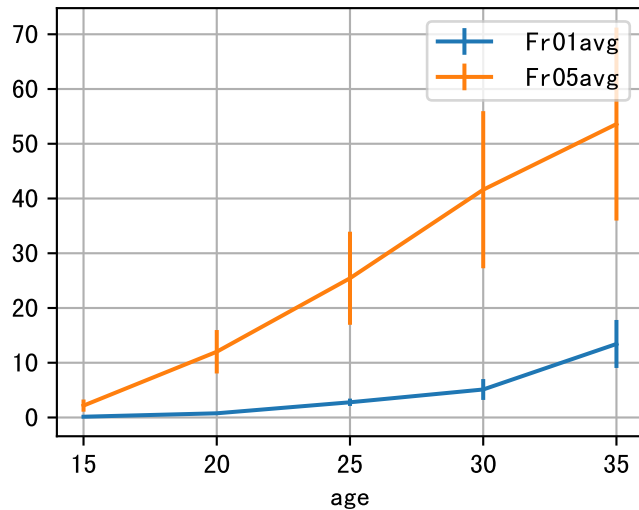
organID=T03



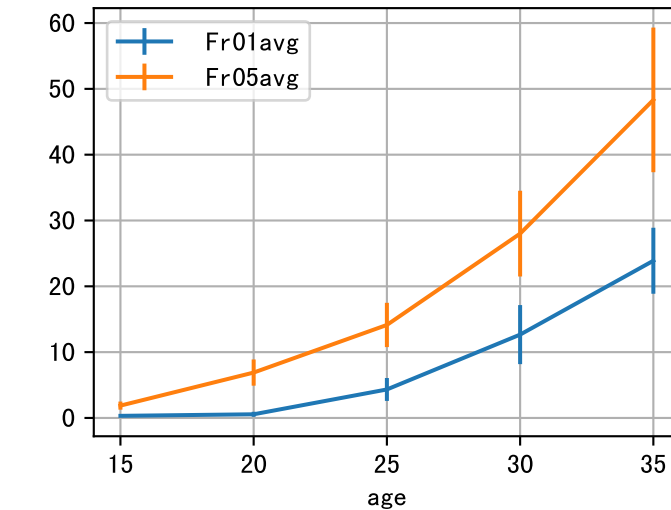
organID=T04



organID=T05

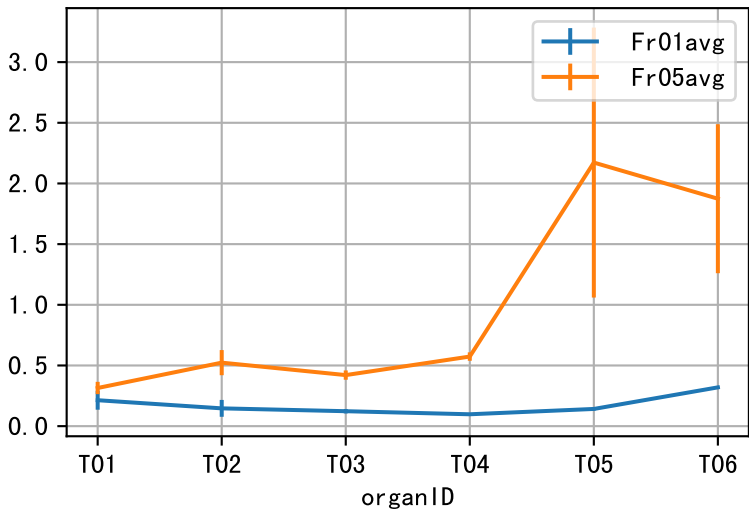


organID=T06

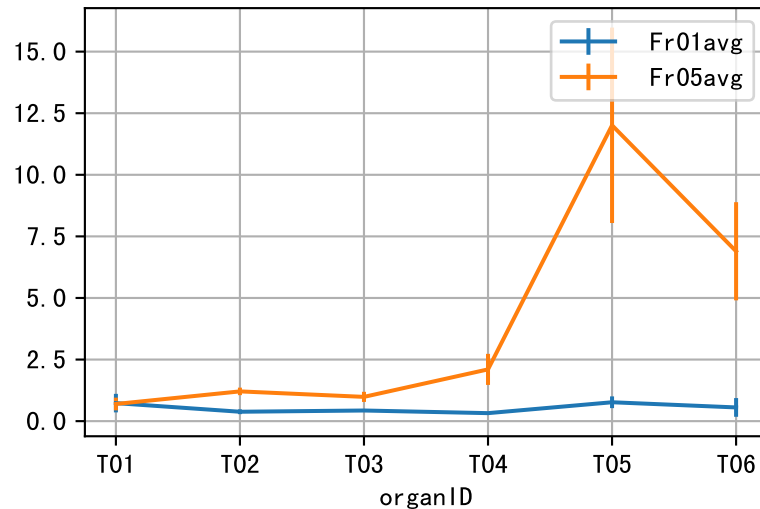


FrV trend at each age

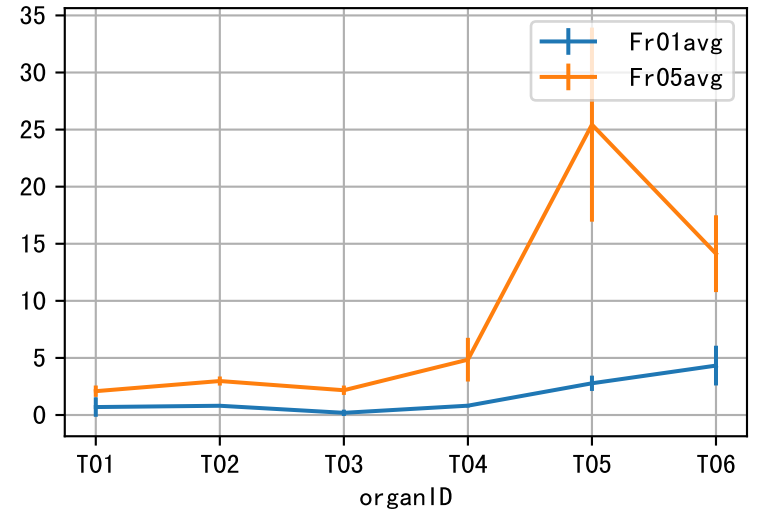
age=15



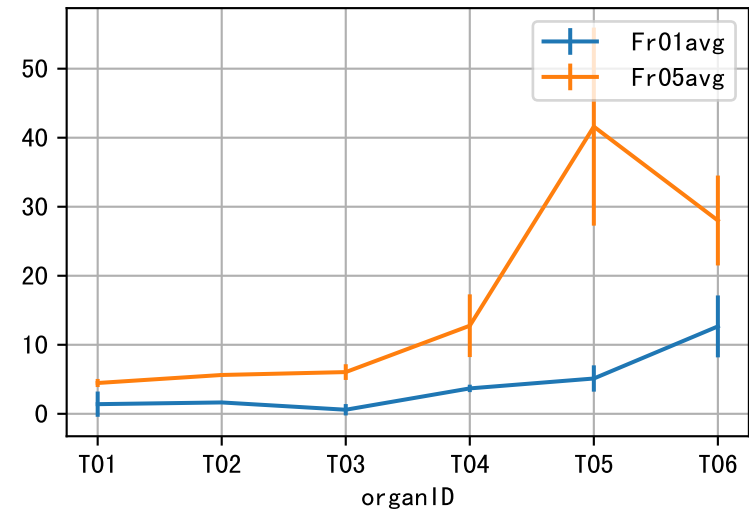
age=20



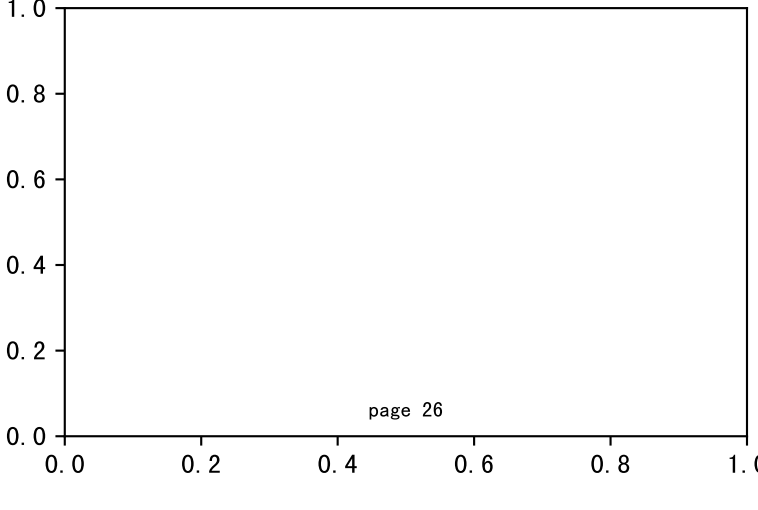
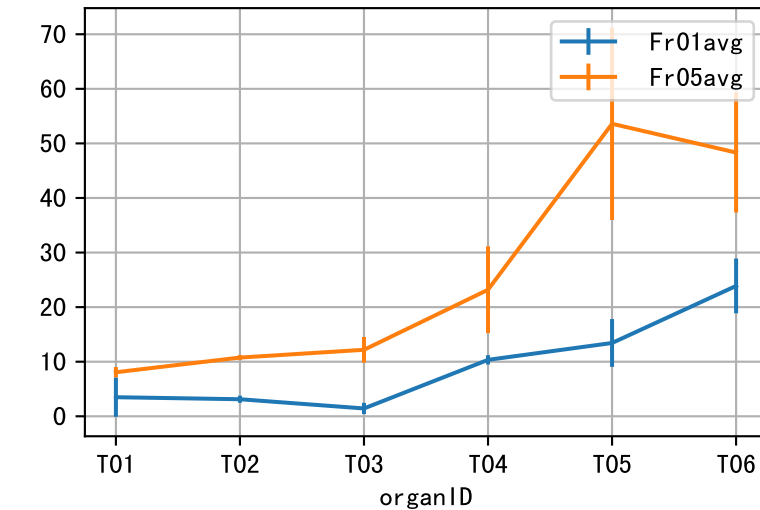
age=25



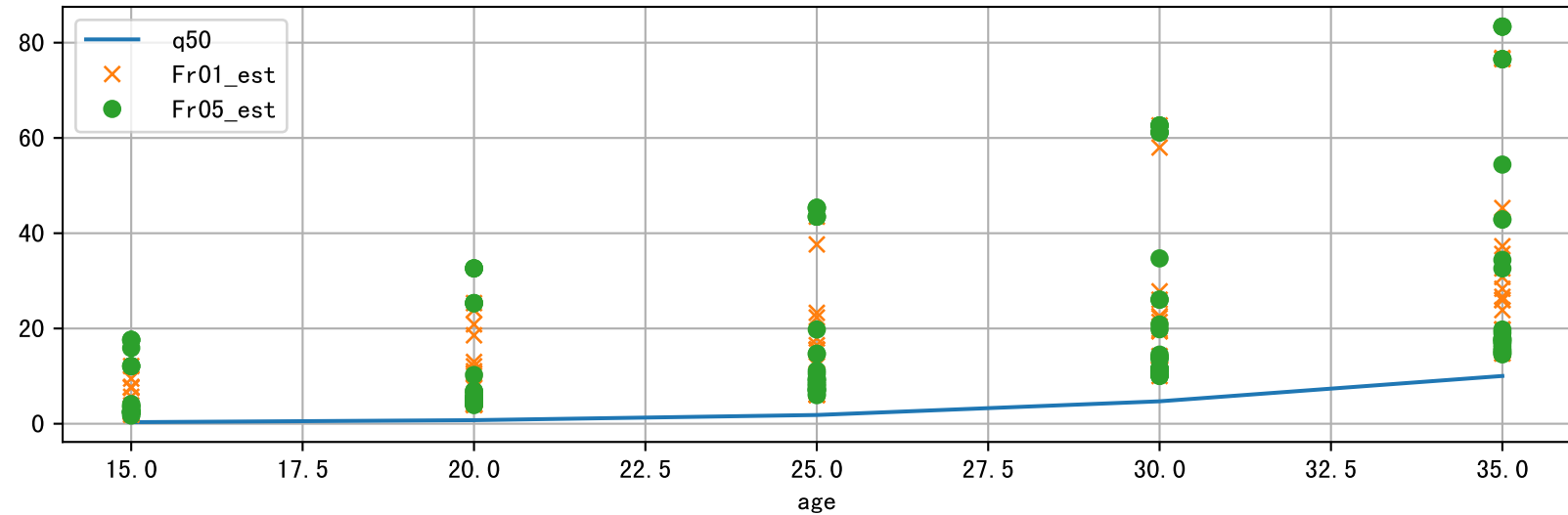
age=30



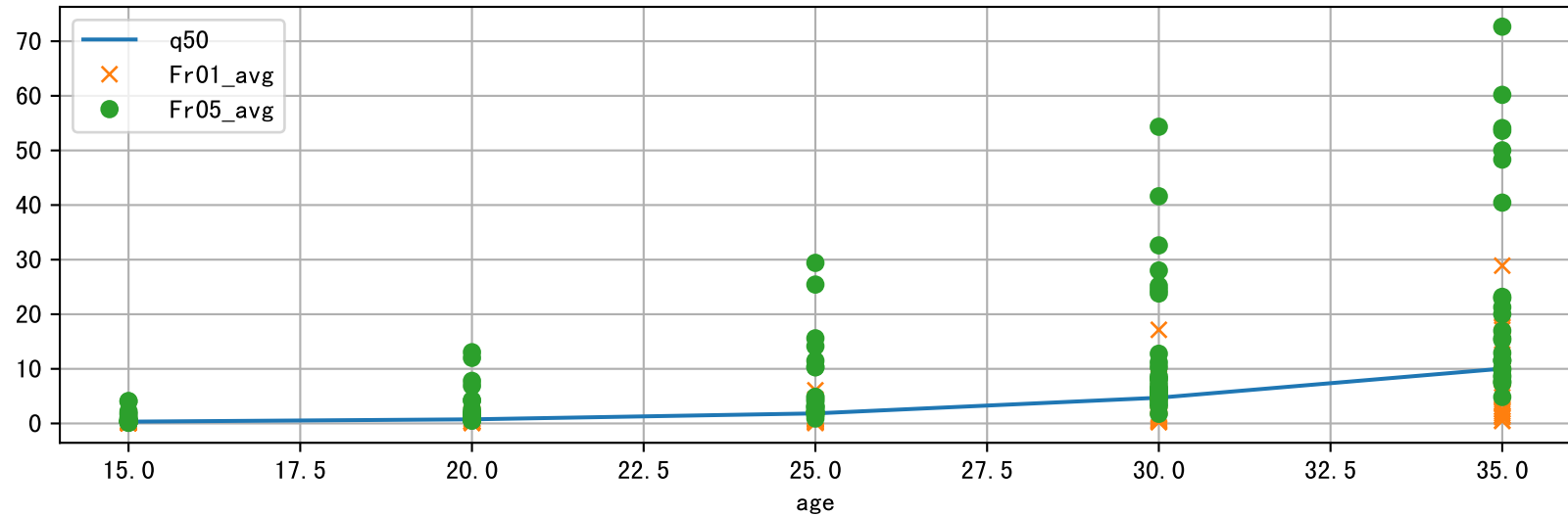
age=35



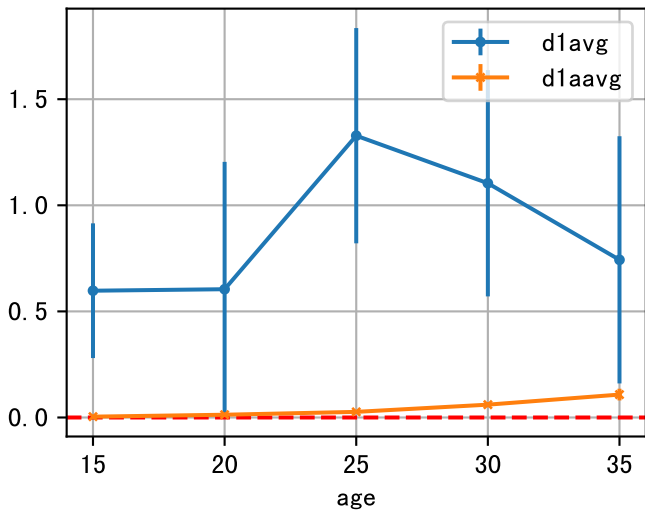
FrV: model Est vs obsFrV at Q90



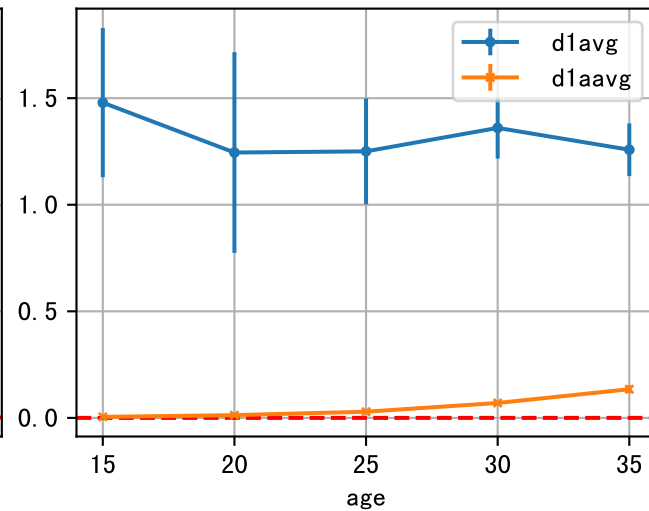
FrV: obsFrV vs obsFrV@Q90



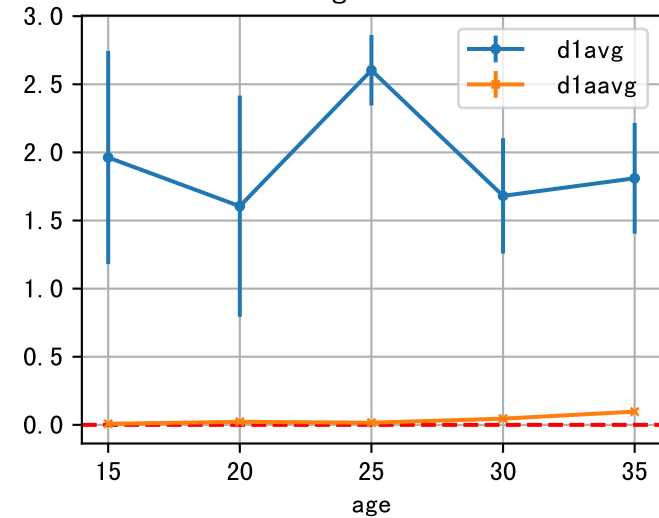
organID=1



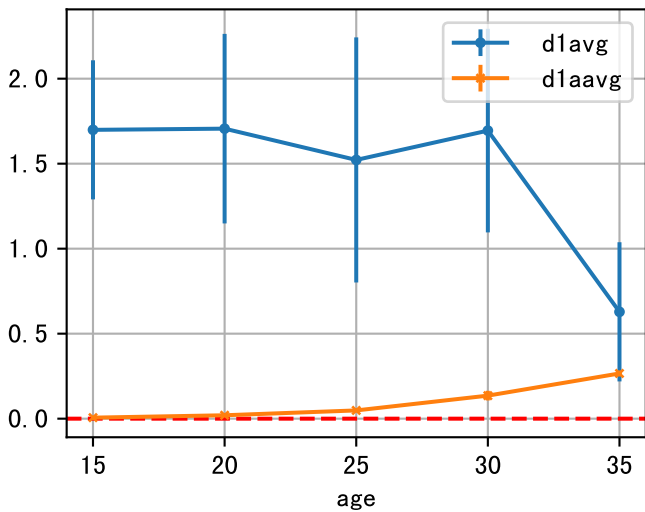
organID=2



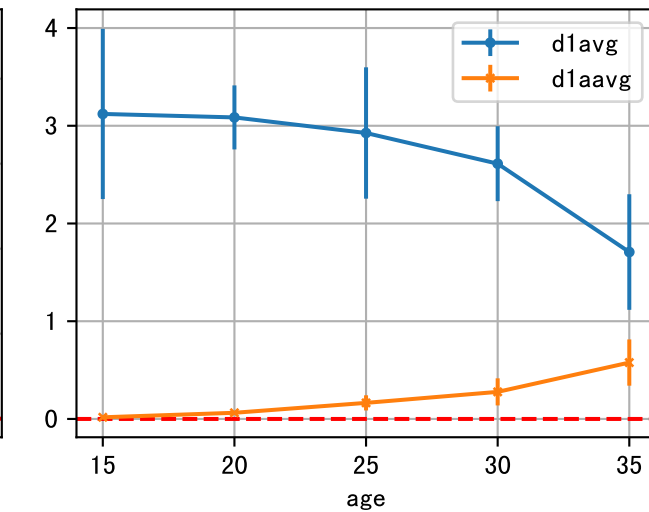
organID=3



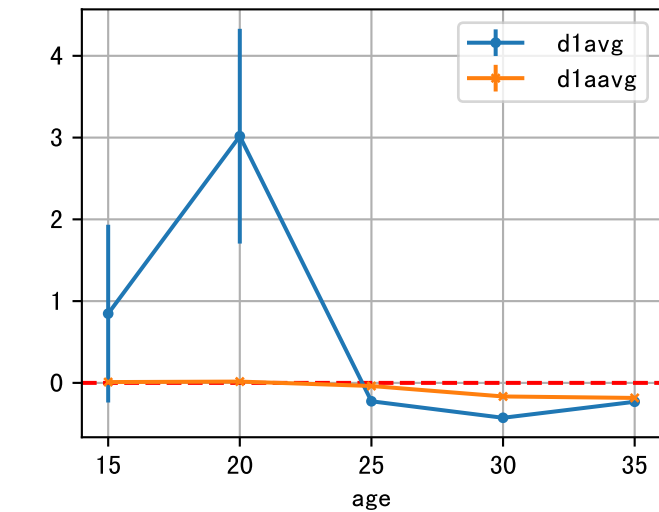
organID=4



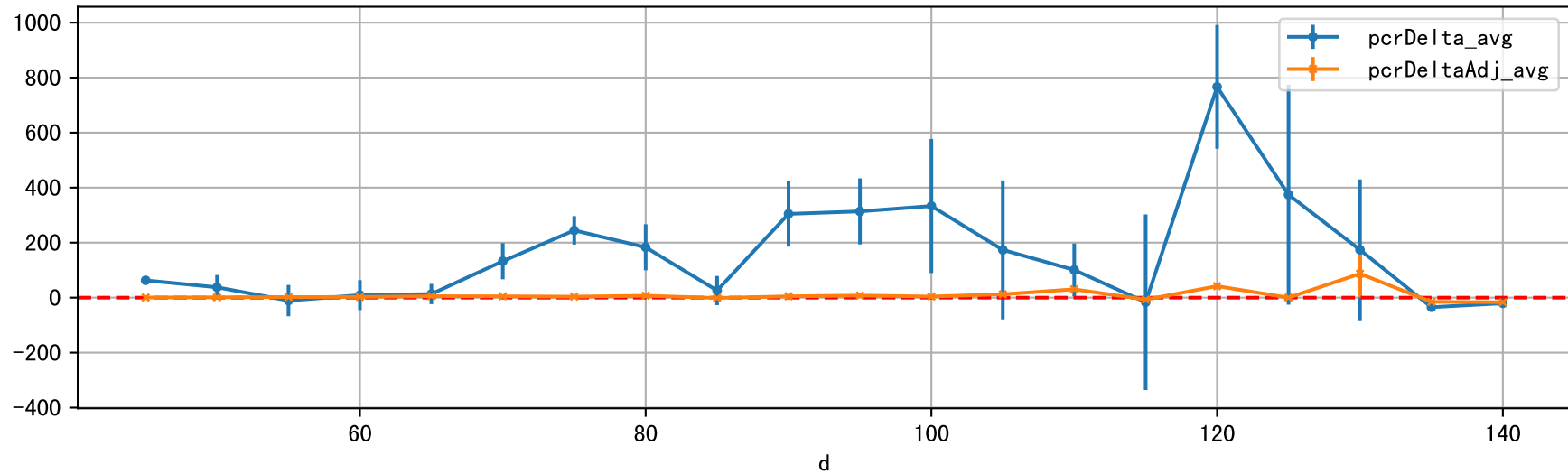
organID=5



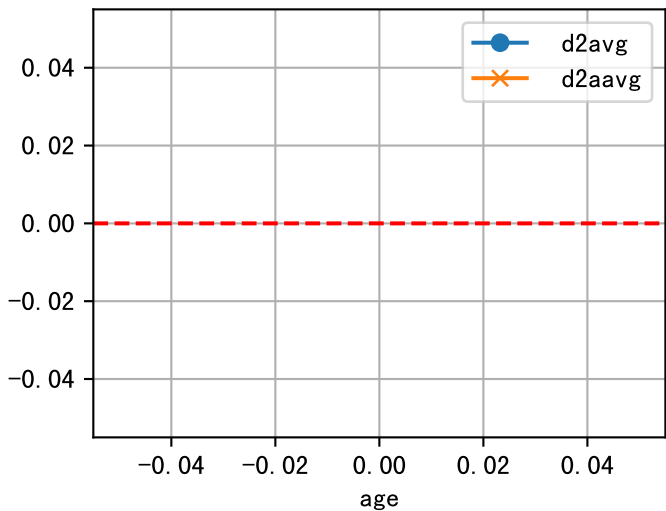
organID=6



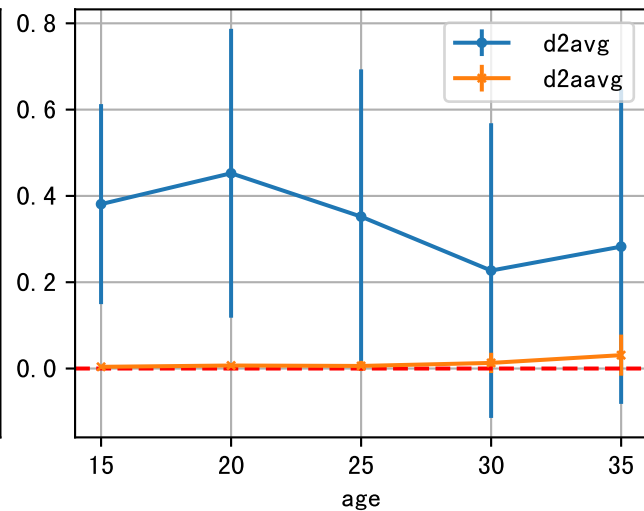
P10AE FrV: D_Fr1_FrV



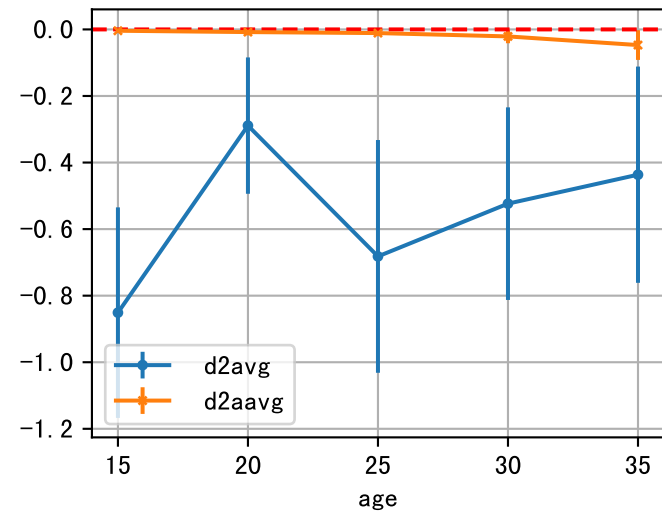
organID=1



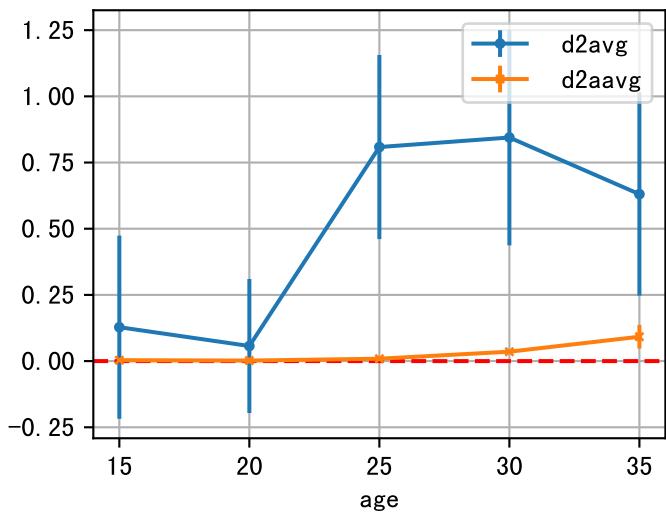
organID=2



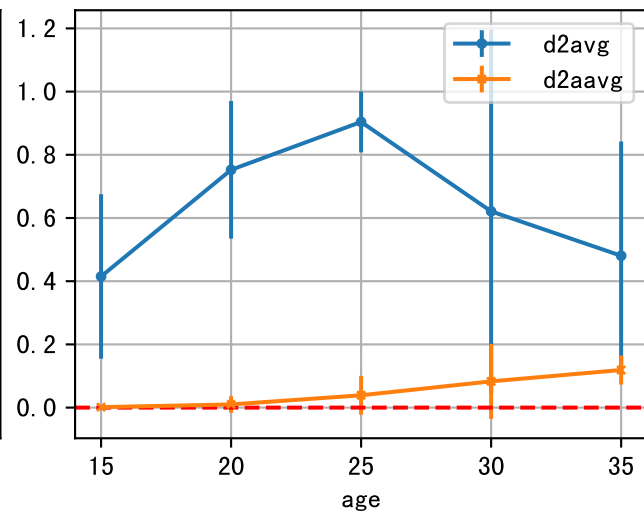
organID=3



organID=4

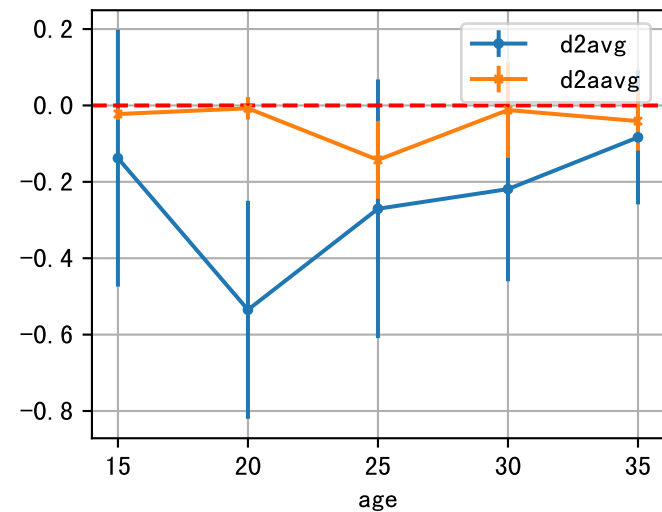


organID=5

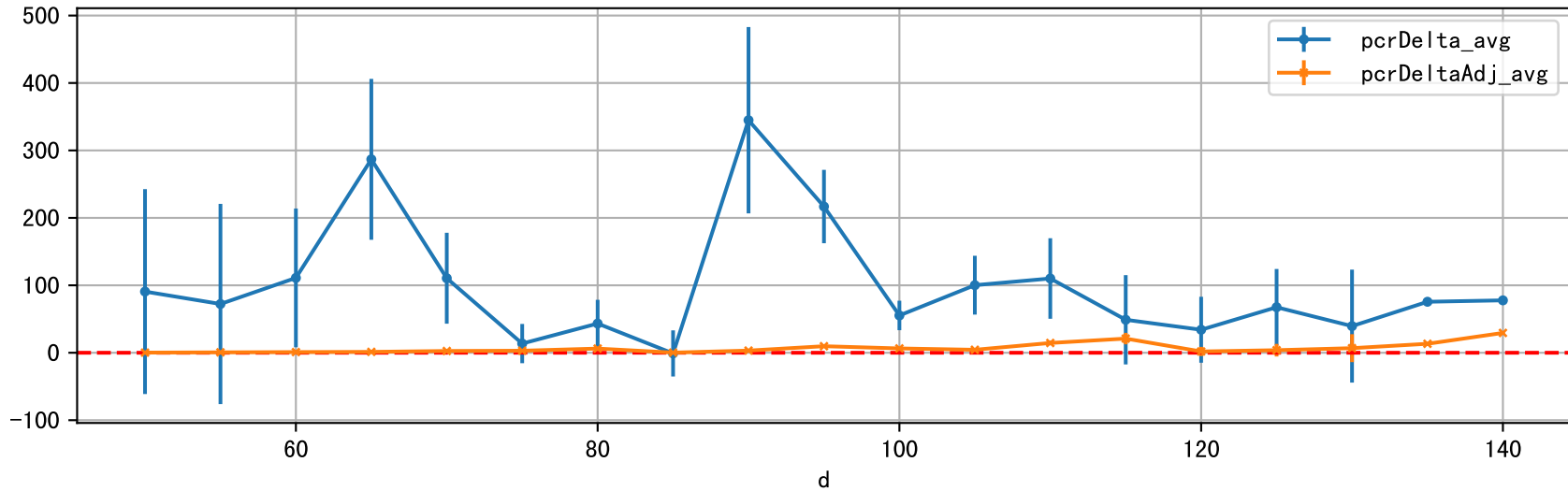


page 31

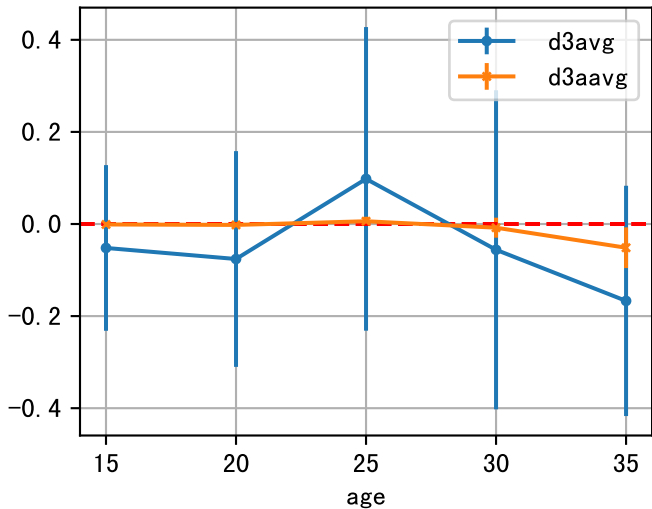
organID=6



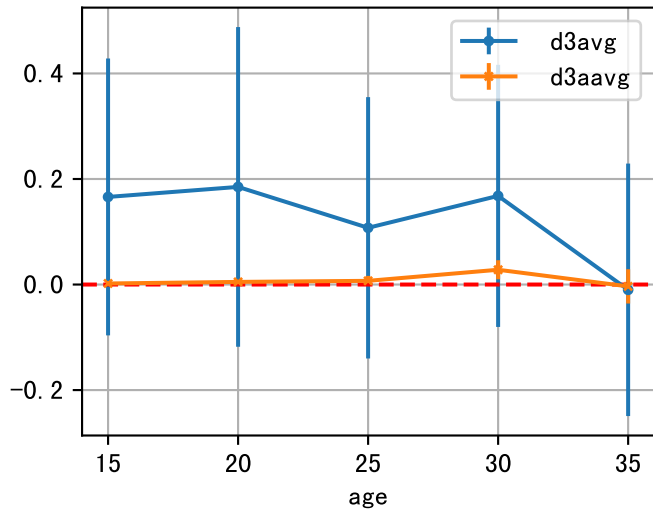
P10AE FrV: D_Ts_FrV



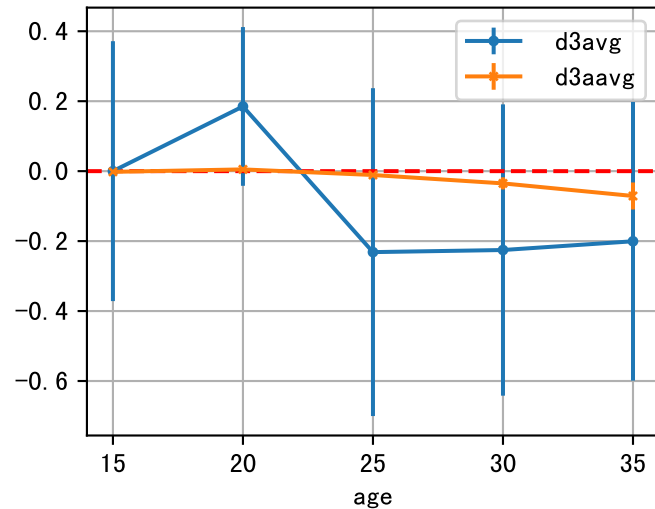
organID=1



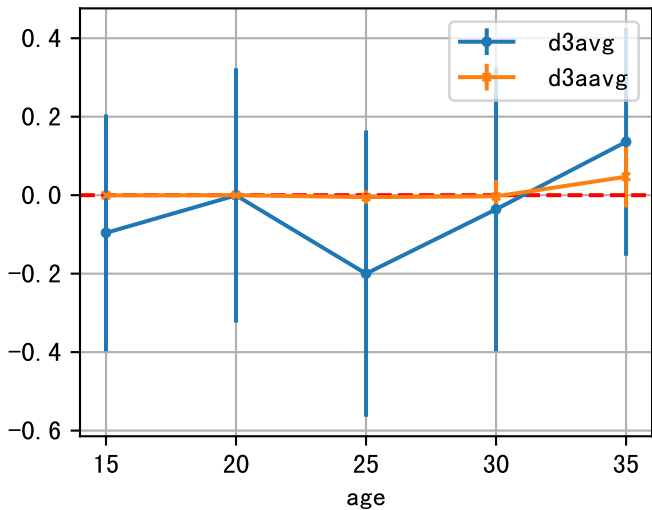
organID=2



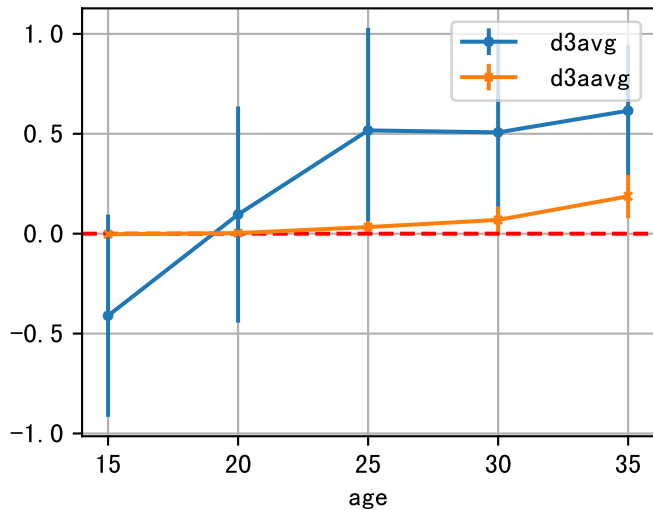
organID=3



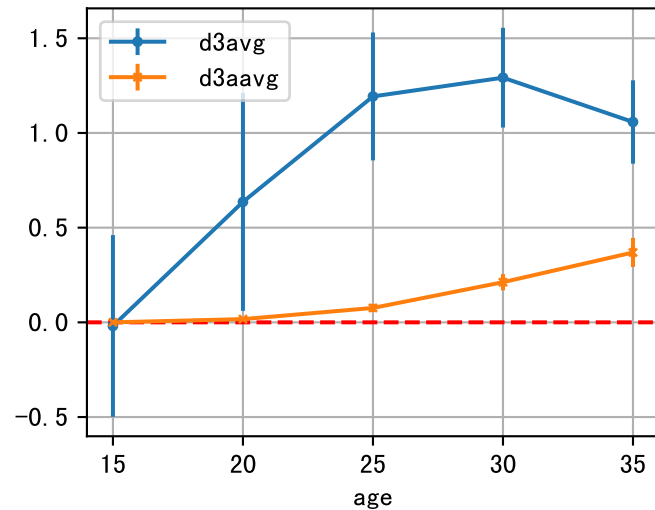
organID=4



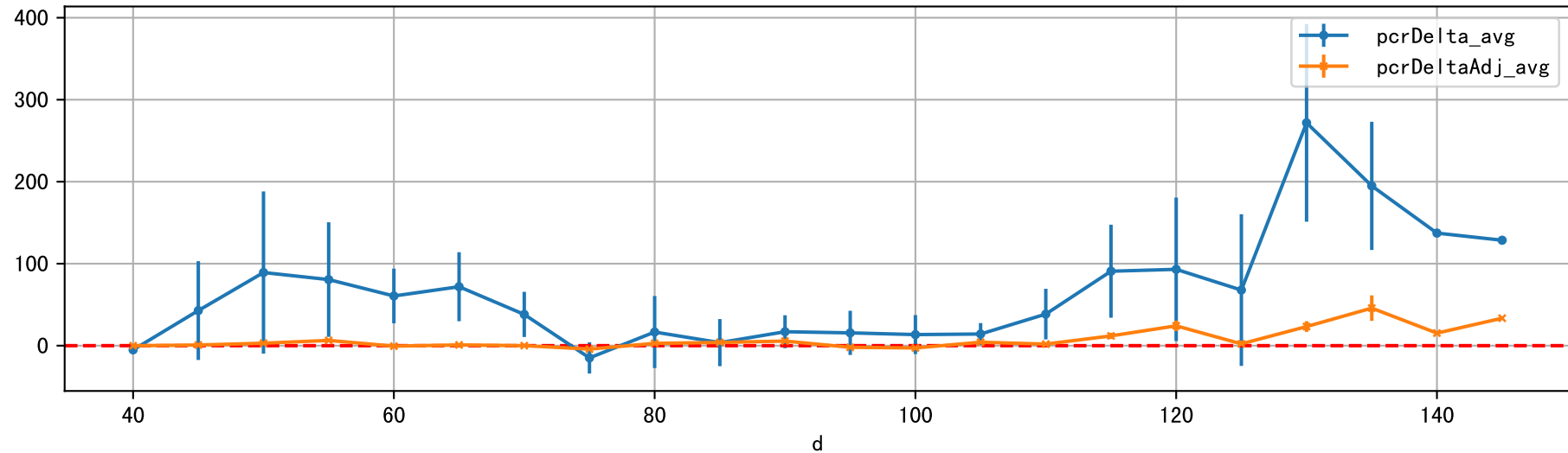
organID=5



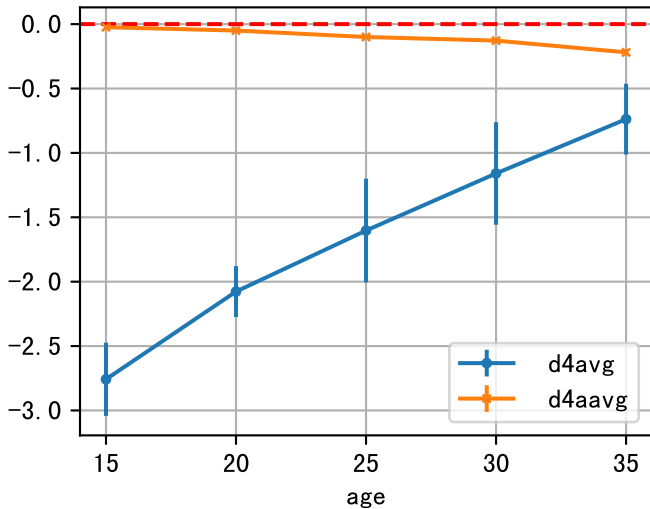
organID=6



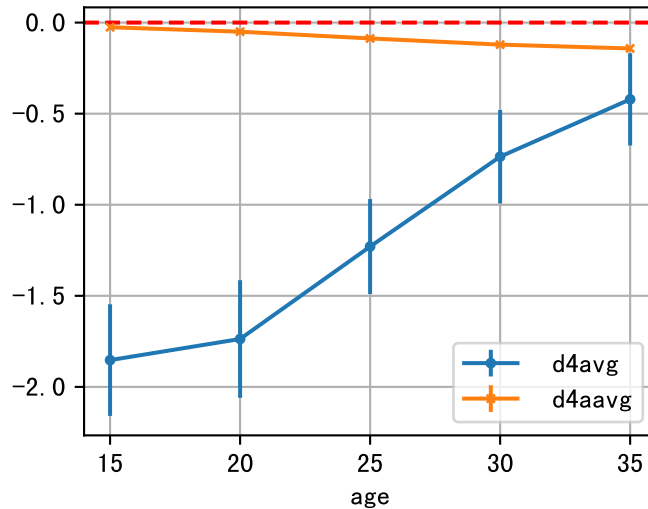
P10AE FrV: D_Q50_FrV



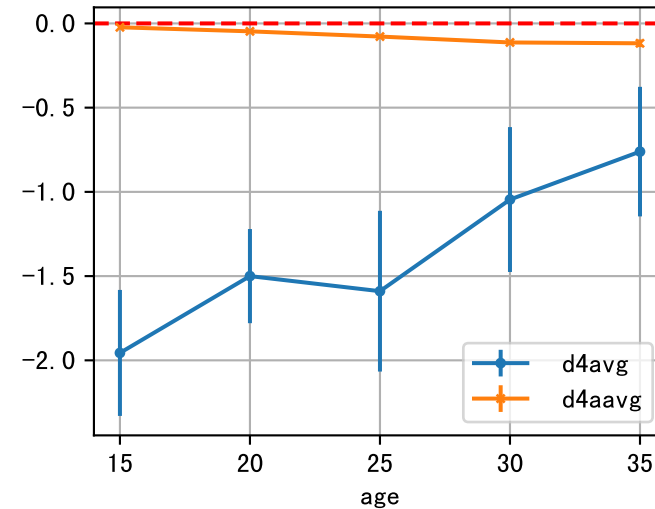
organID=1



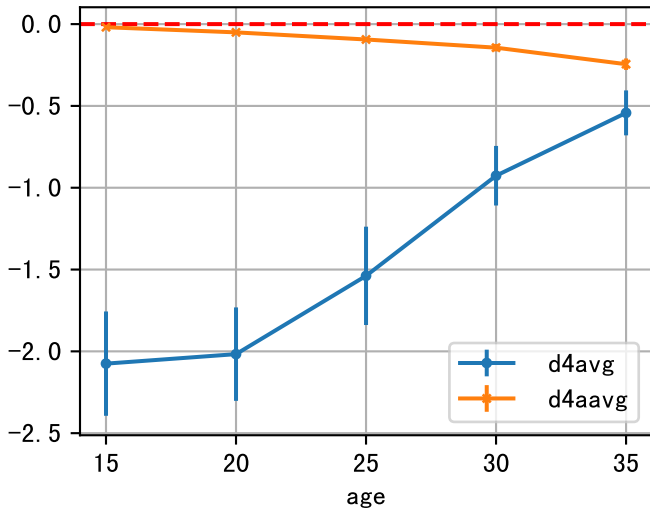
organID=2



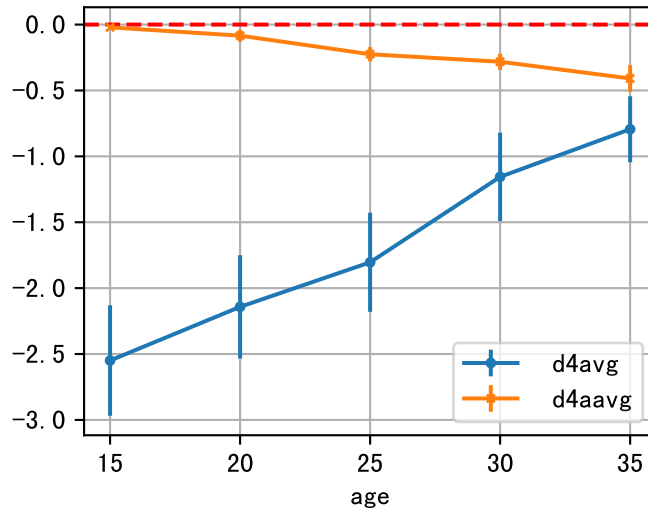
organID=3



organID=4

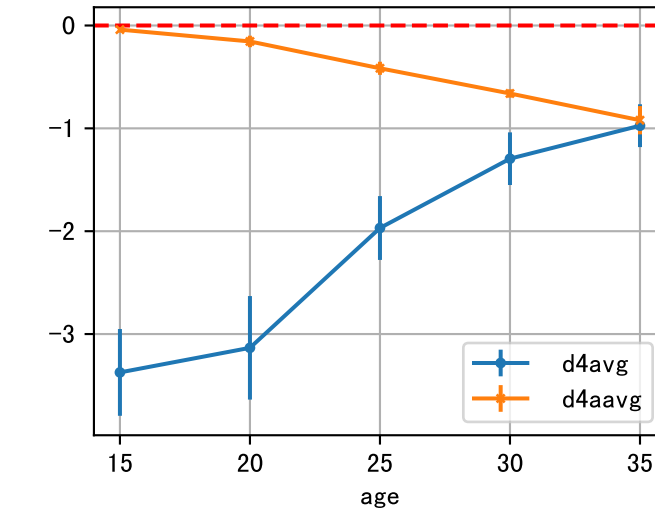


organID=5

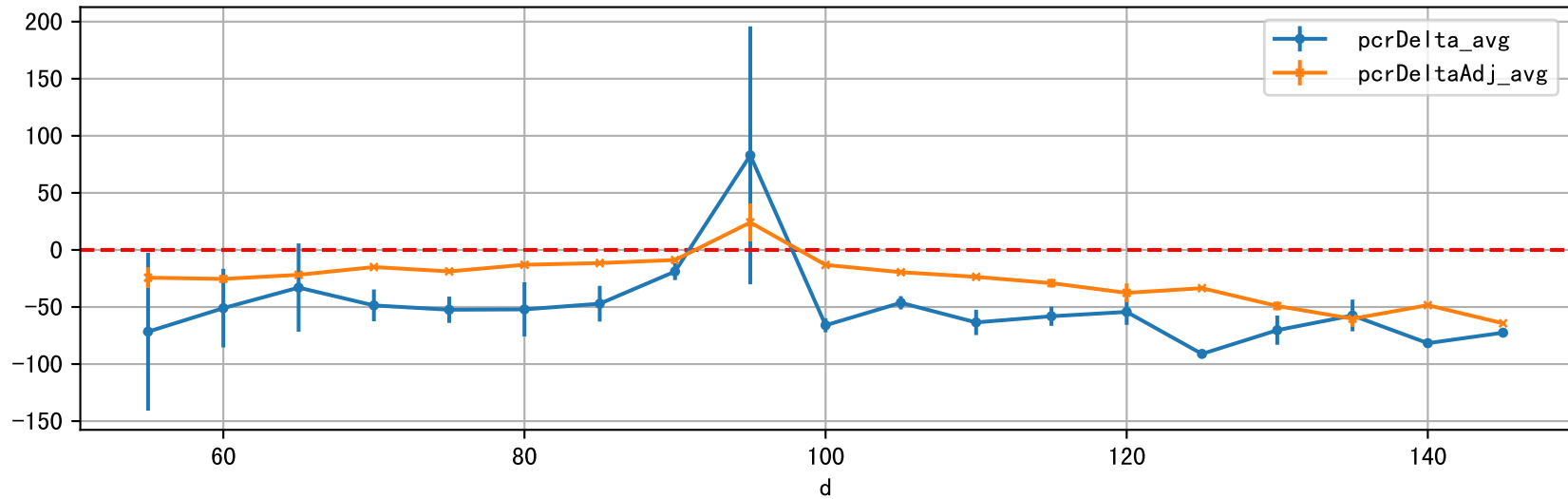


page 35

organID=6



P10AE FrV: D_Est_FrV



P10AE FrV: sfDem

