

Phenotype Data Analysis Plots
PhenoData day range = 18 - 66
Analysis cutoff day = 66
NC11 P10
2025-12-24 (Day 67)

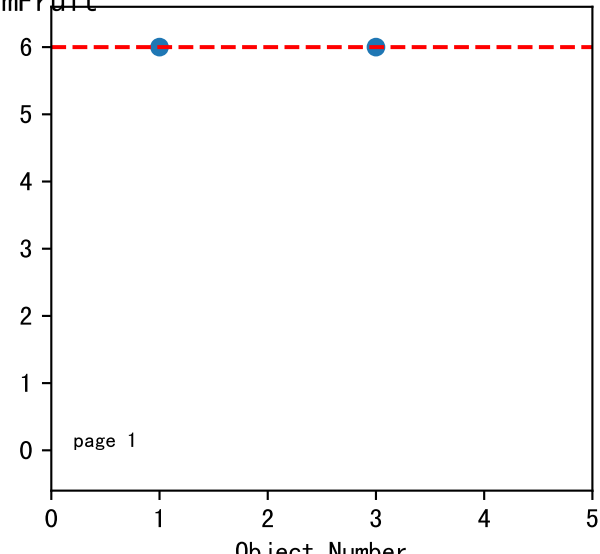
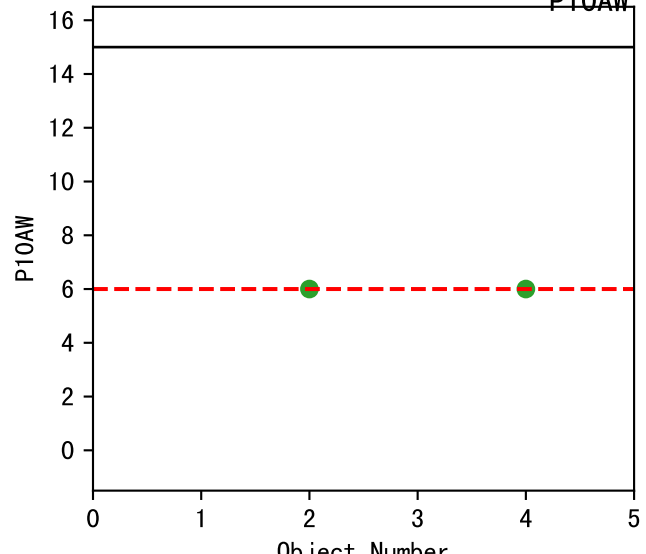
avg1=0.00% avg2=na
P10AW TrimTruss



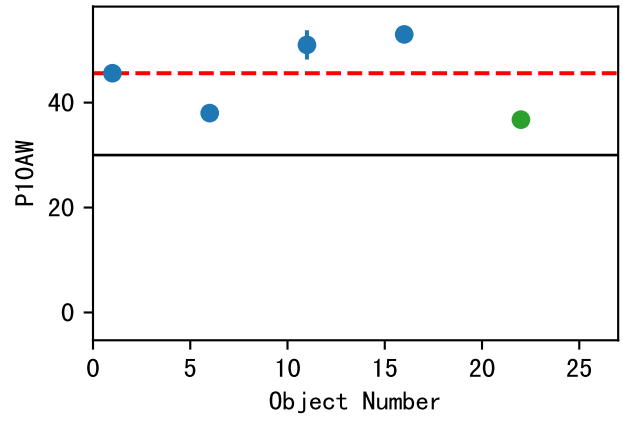
avg1=6.0 0% avg2=na

P10AW TrimFruit

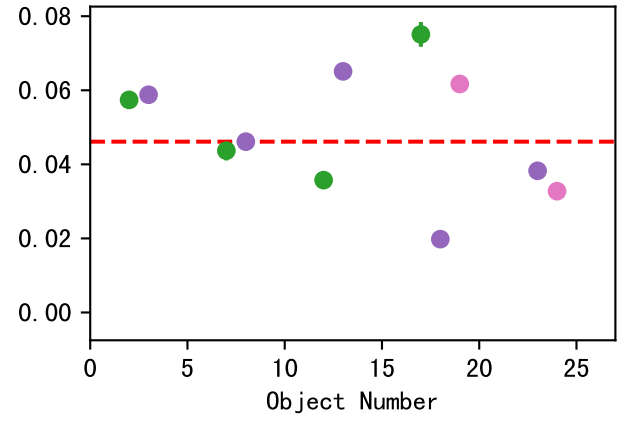
avg1=6.0 0% avg2=na



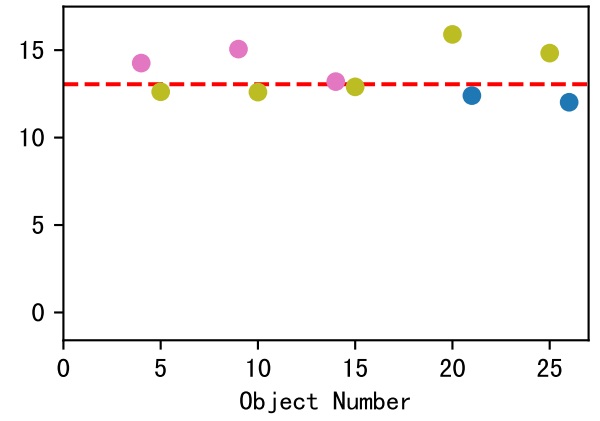
LfL_Q90AbsY (Def=30 Set=45.6)
avg1=45.6~16% avg2=na



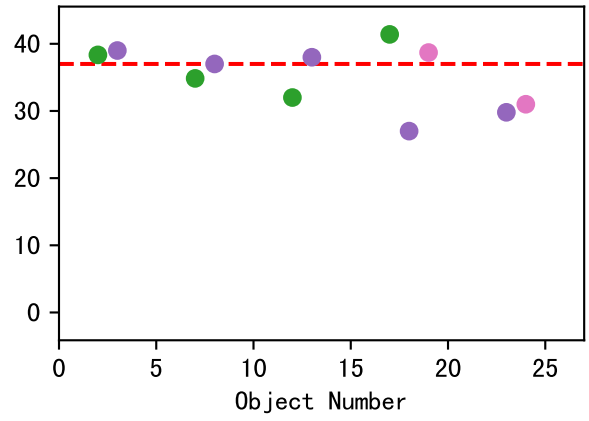
LTA_avgAbsY (Def=na Set=0.05)
avg1=0.05~36% avg2=na



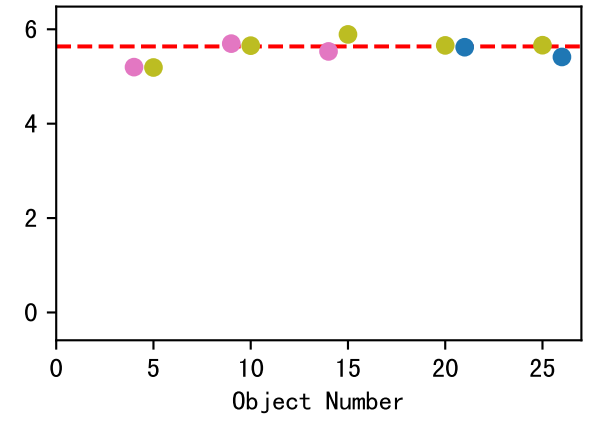
NdL_avgAbsY (Def=na Set=13.05)
avg1=13.05~10% avg2=na



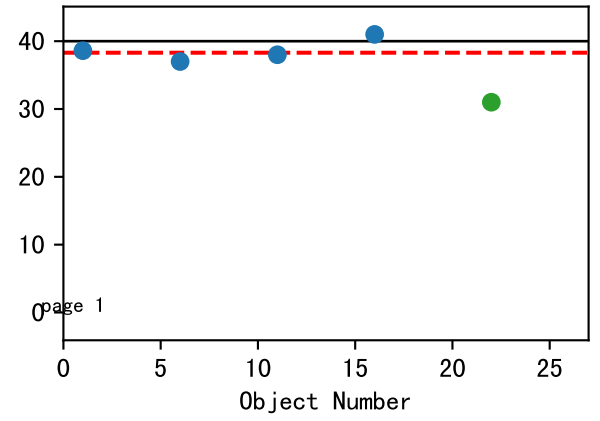
LfL_avgAbsY (Def=na Set=37.0)
avg1=37.0~12% avg2=na



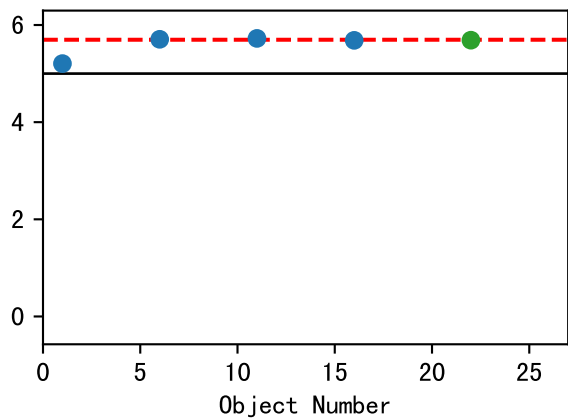
NdL_avgAbsY (Def=na Set=5.64)
avg1=5.64~4% avg2=na



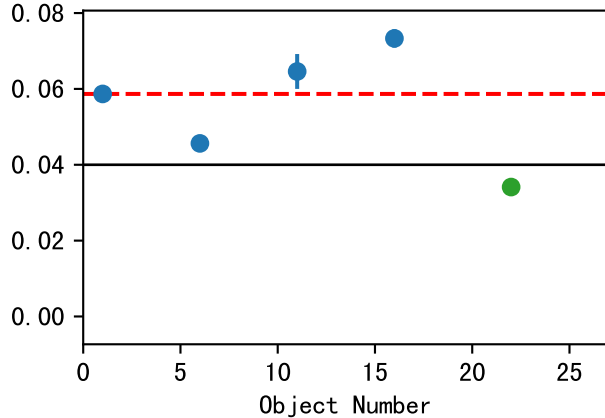
LfL_Q90AbsY (Def=40 Set=38.3)
avg1=38.3~4% avg2=na



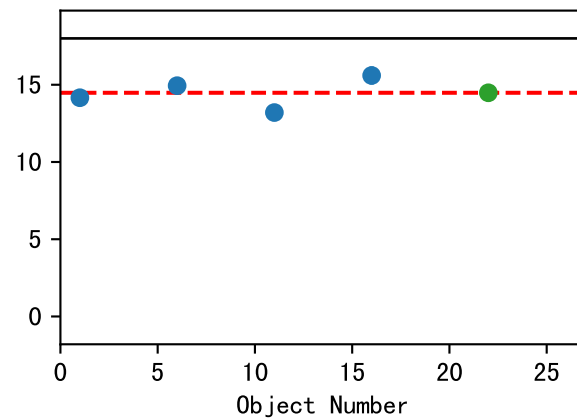
NdL_Q90AbsY (Def=5 Set=3.7)
avg1=5.7~0% avg2=na



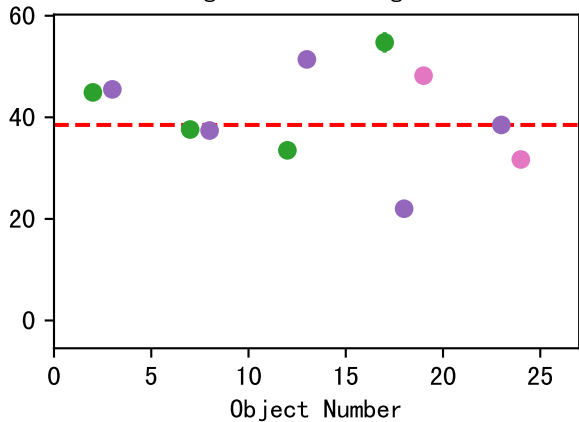
LTA_Q90AbsY (Def=0.04 Set=0.06)
avg1=0.06~26% avg2=na



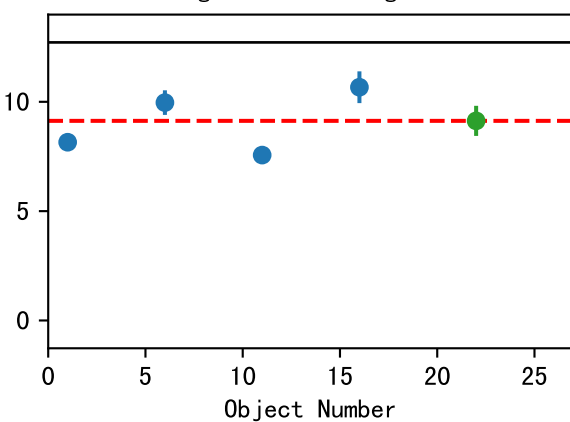
NdD_Q90AbsY (Def=18 Set=14.48)
avg1=14.48~6% avg2=na



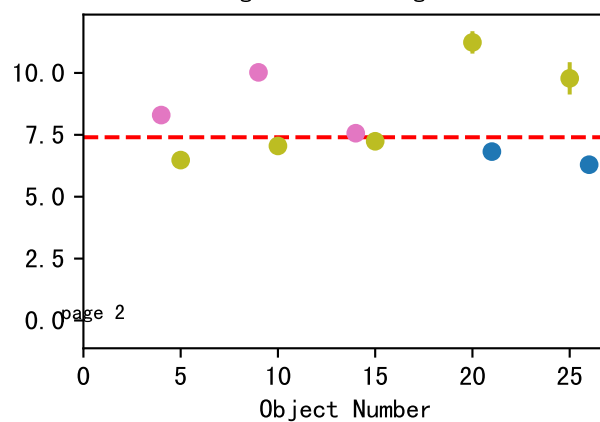
LfW_avgAbsY (Def=na Set=38.5)
avg1=38.5~25% avg2=na



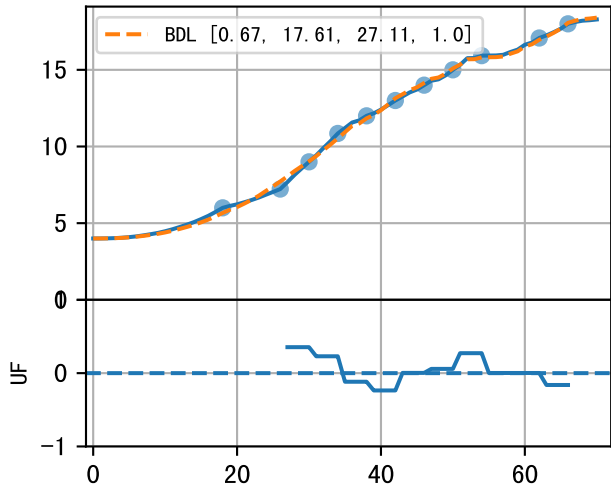
NdV_Q90AbsY (Def=12.72 Set=9.13)
avg1=9.13~14% avg2=na



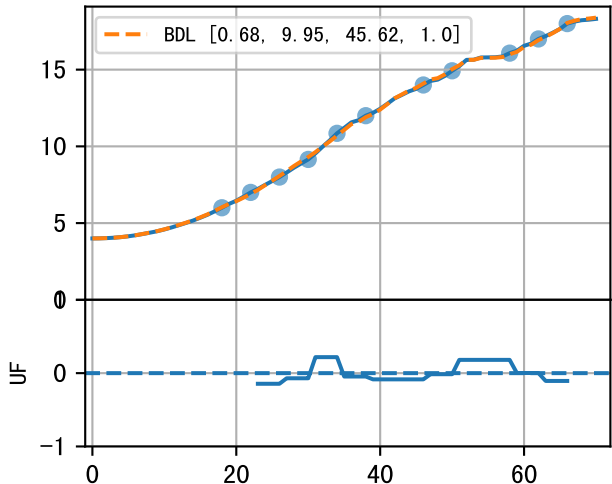
NdV_avgAbsY (Def=na Set=7.4)
avg1=7.4~23% avg2=na



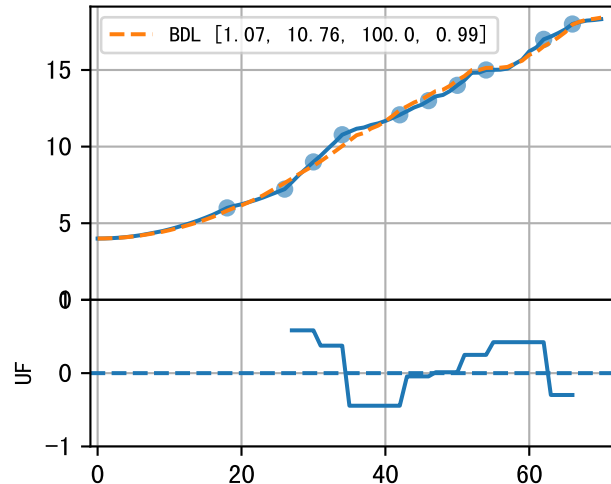
P10AW-004-12 (fit failed)



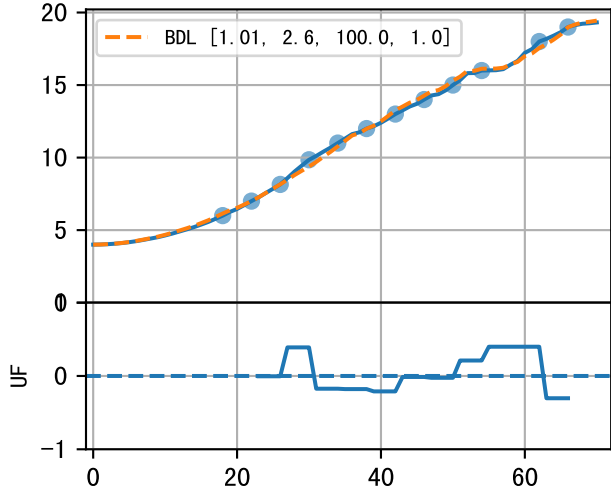
P10AW-010-25 (fit failed)



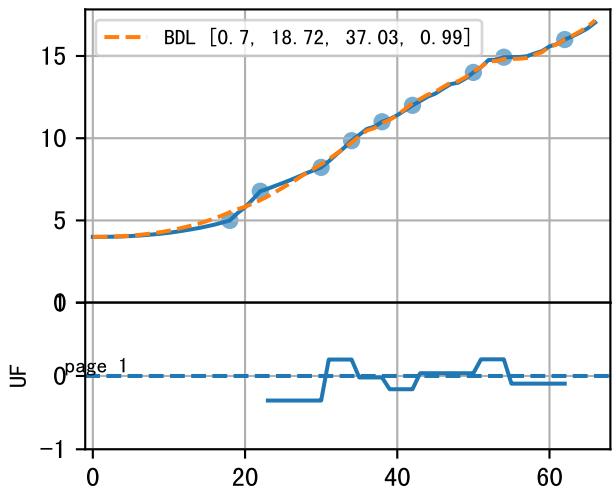
P10AW-017-16 (fit failed)



P10AW-025-3 (fit failed)

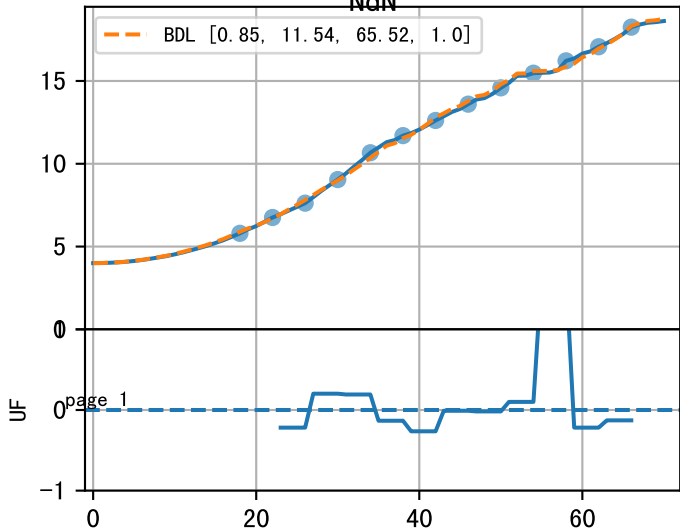


P10AW-032-33 (fit failed)

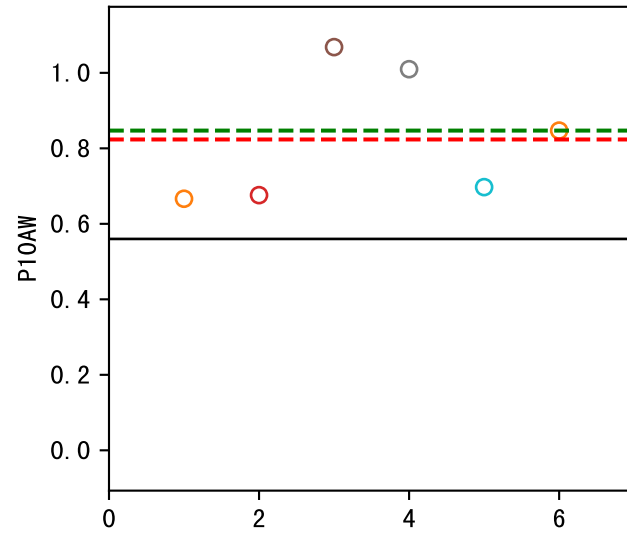


PIOWavg (fit failed)
NdN

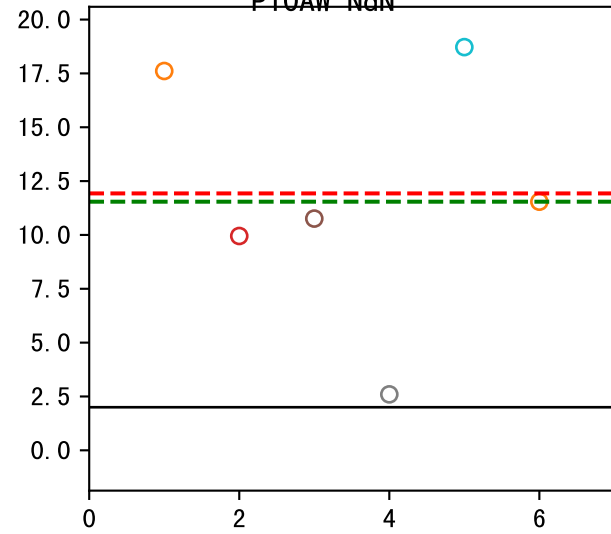
BDL [0.85, 11.54, 65.52, 1.0]



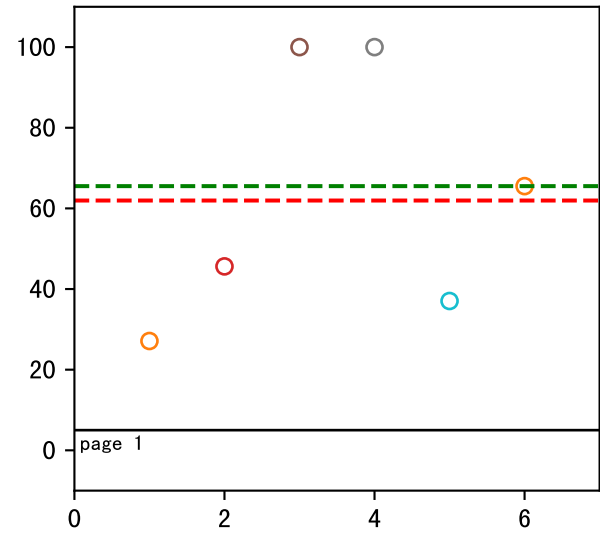
avg1=0.82 (fail) avg2=0.85

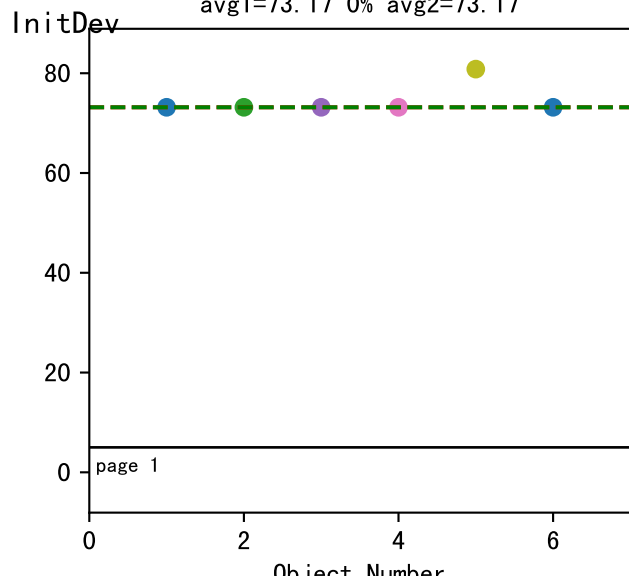
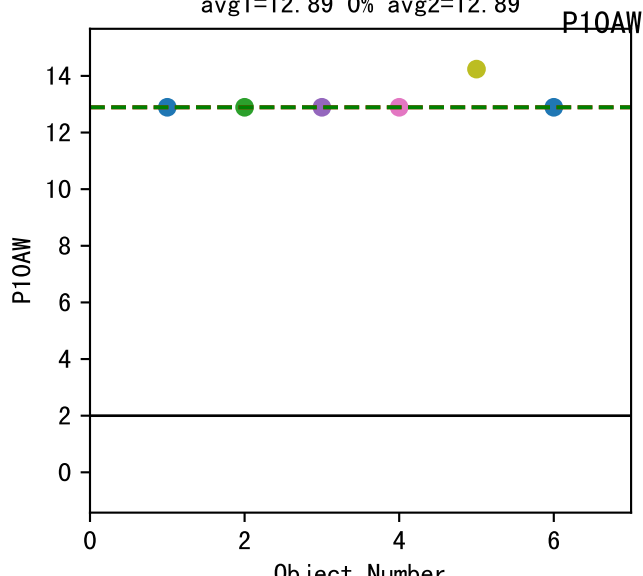


avg1=11.93 (fail) avg2=11.54

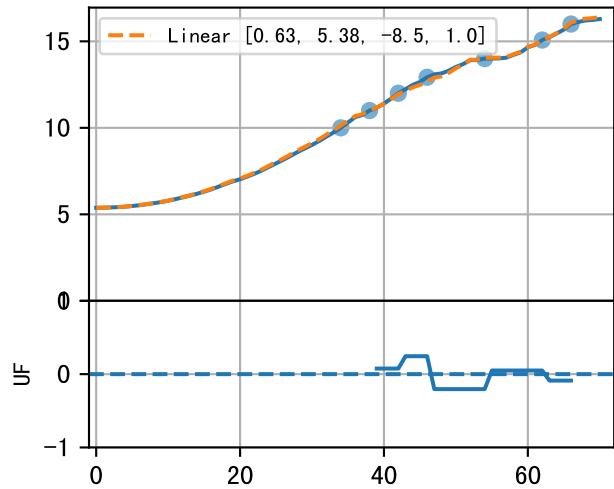


avg1=61.95 (fail) avg2=65.52

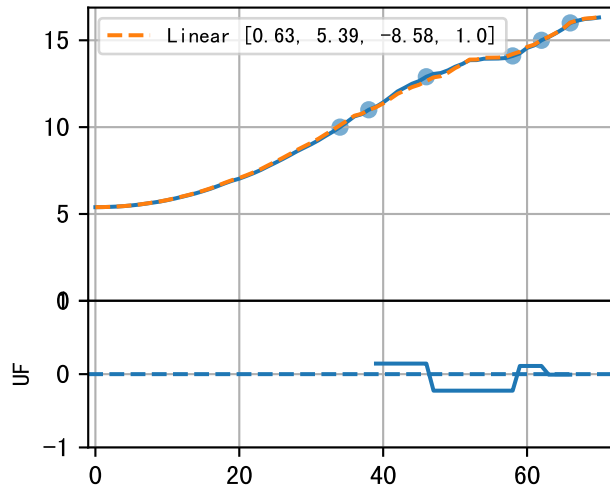




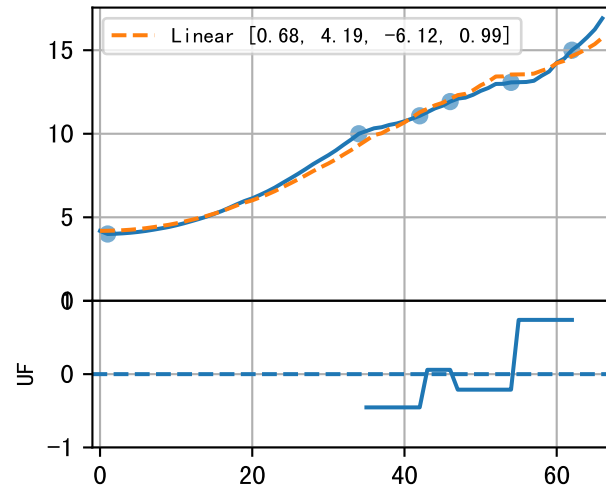
P10AW-004-12



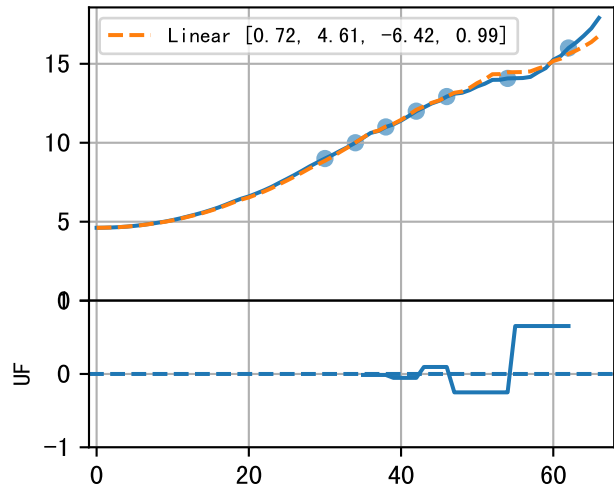
P10AW-010-25



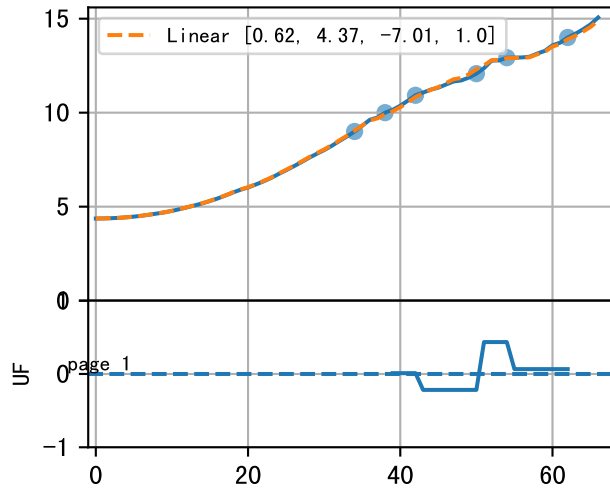
P10AW-017-16



P10AW-025-3

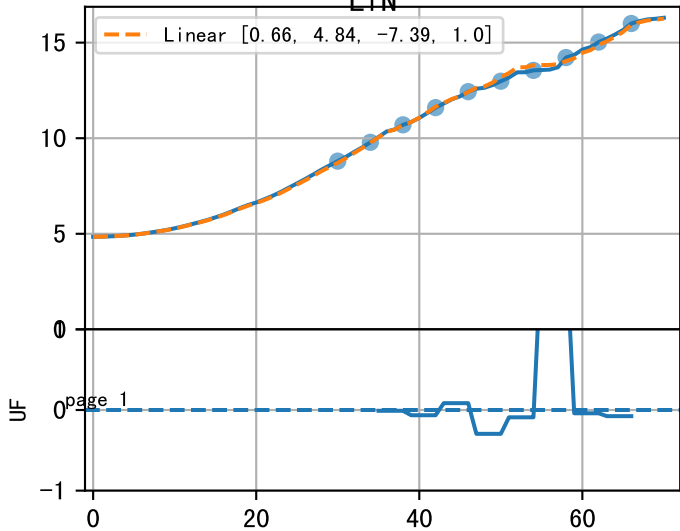


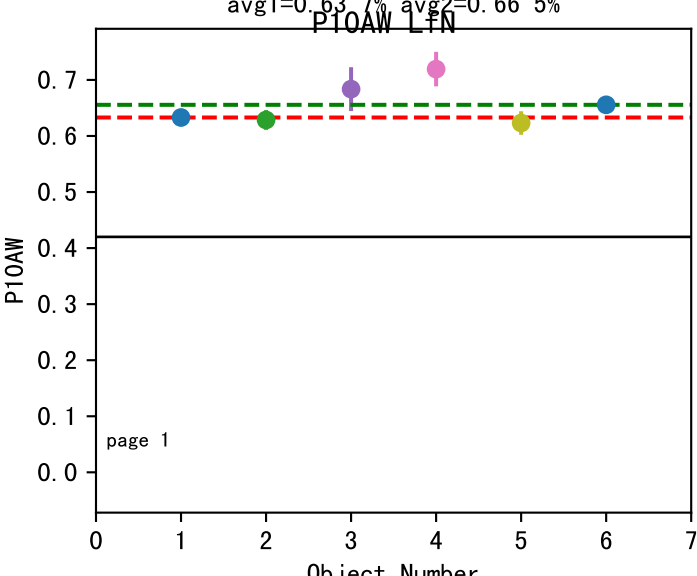
P10AW-032-33



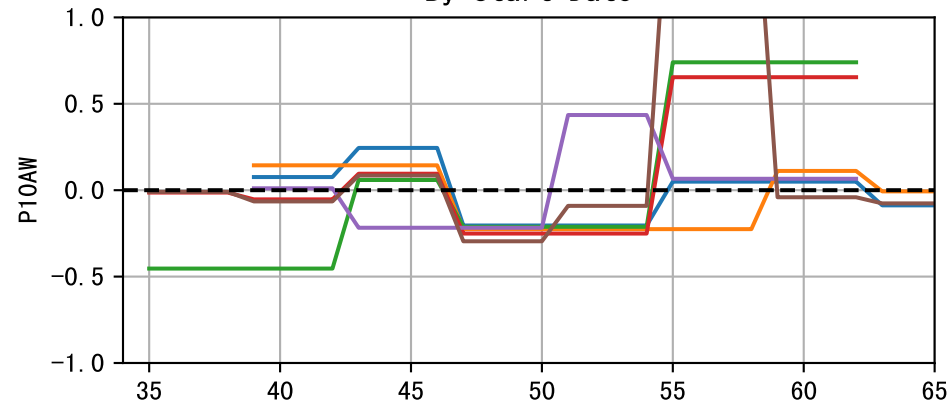
PTUavg
Lfn

Linear [0.66, 4.84, -7.39, 1.0]

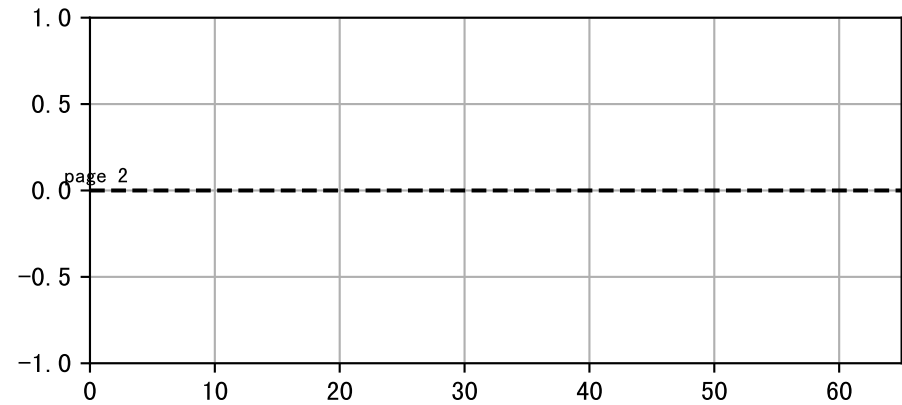
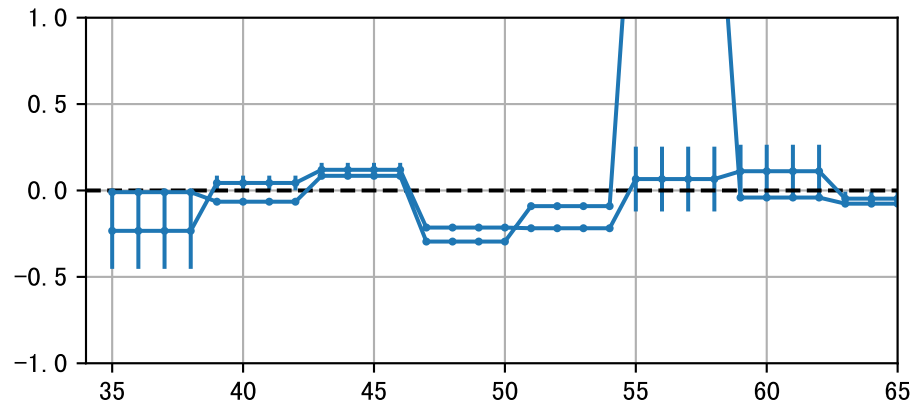
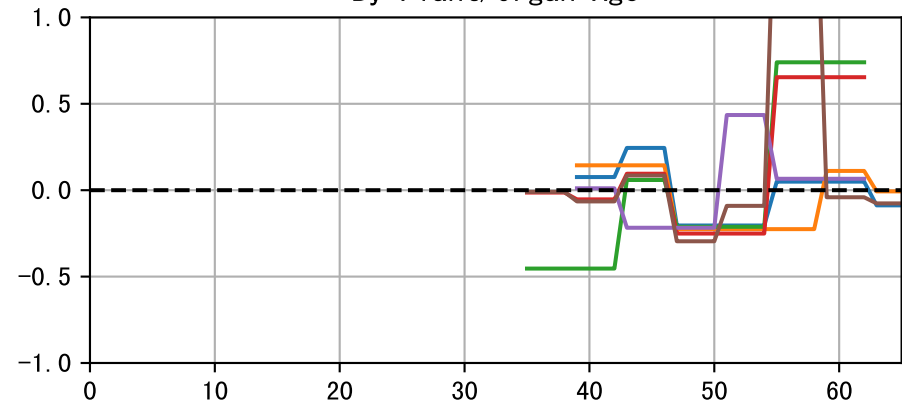




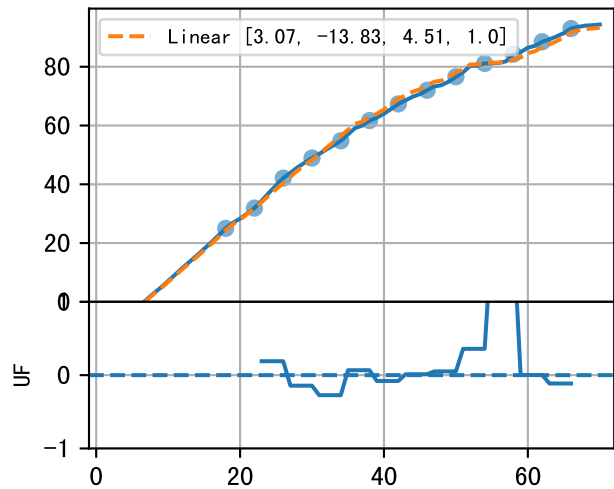
By Start Date



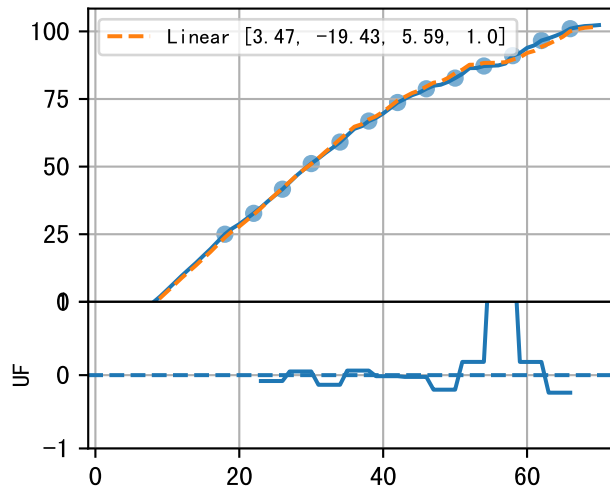
By Plant/Organ Age



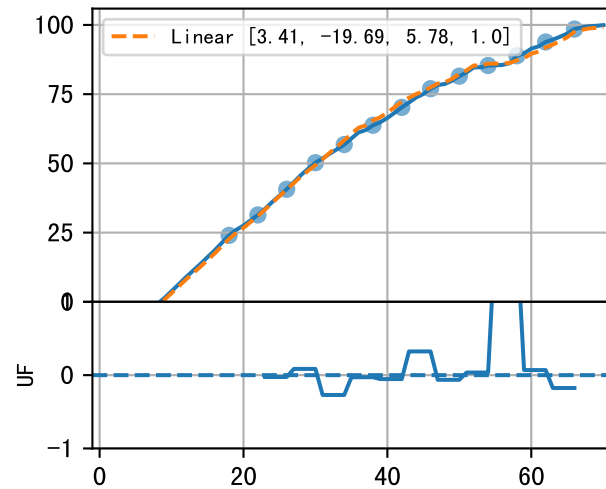
P10AW-004-12



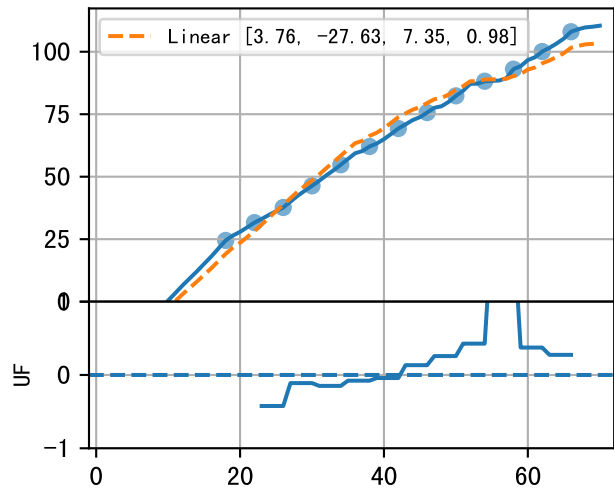
P10AW-010-25



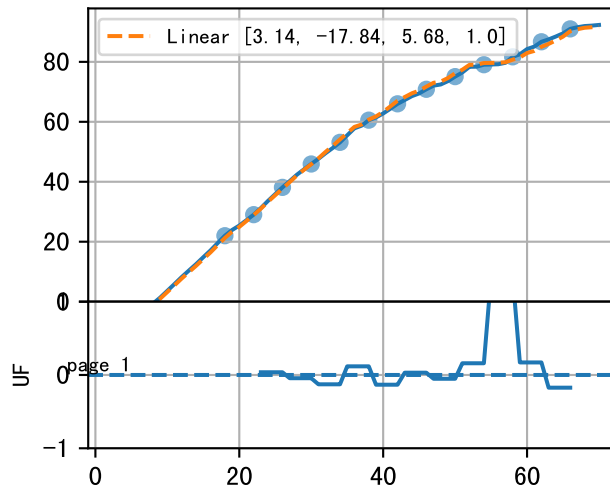
P10AW-017-16

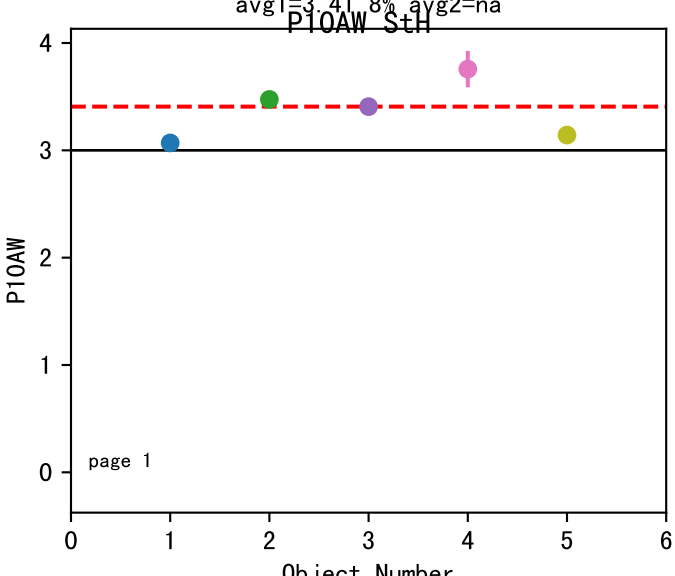


P10AW-025-3

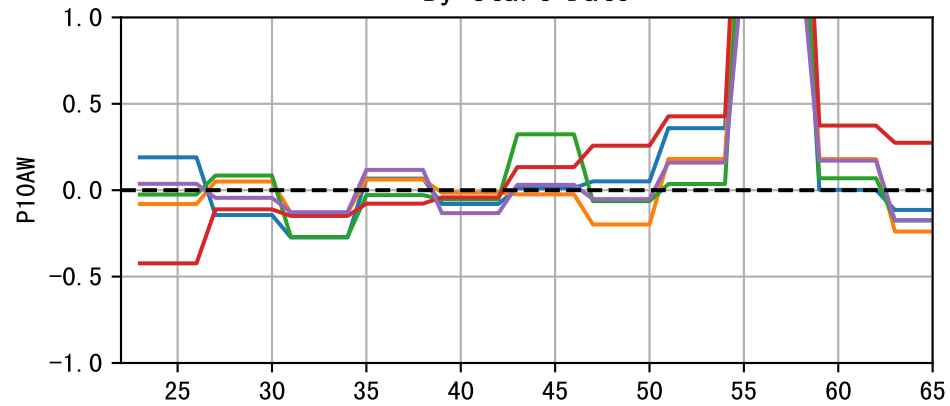


P10AW-032-33

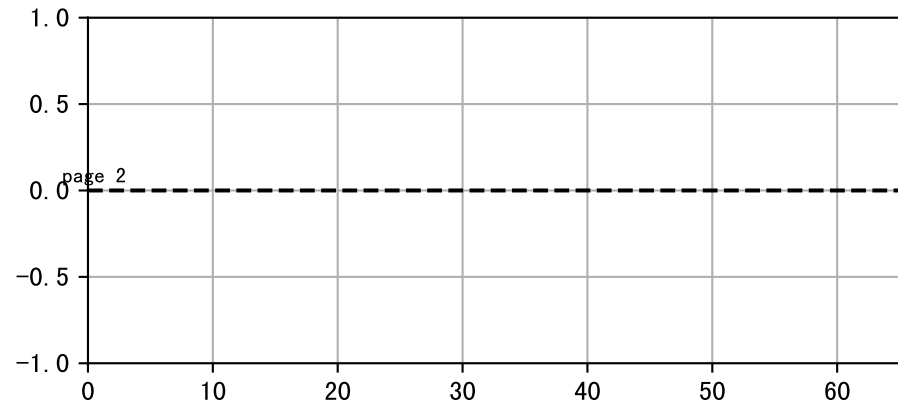
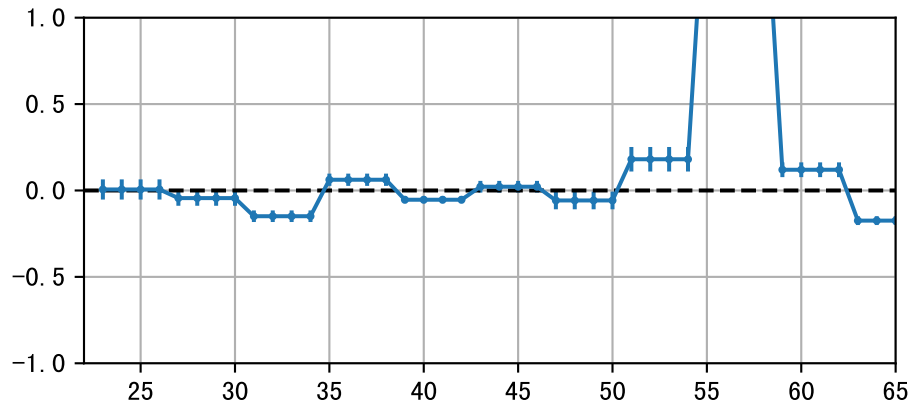
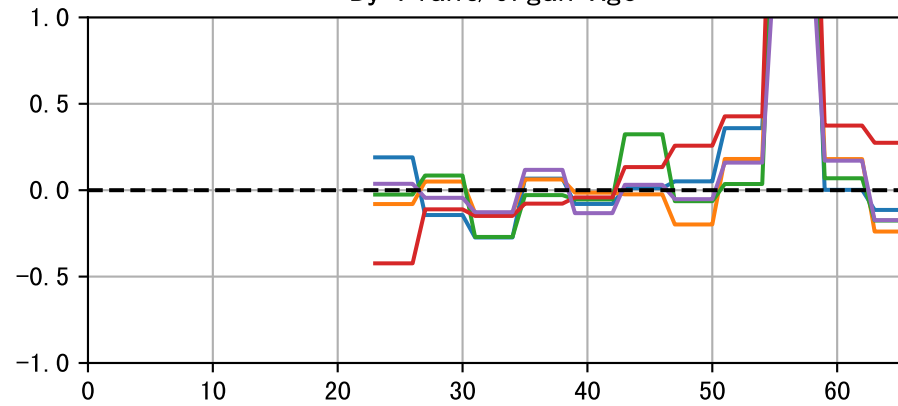




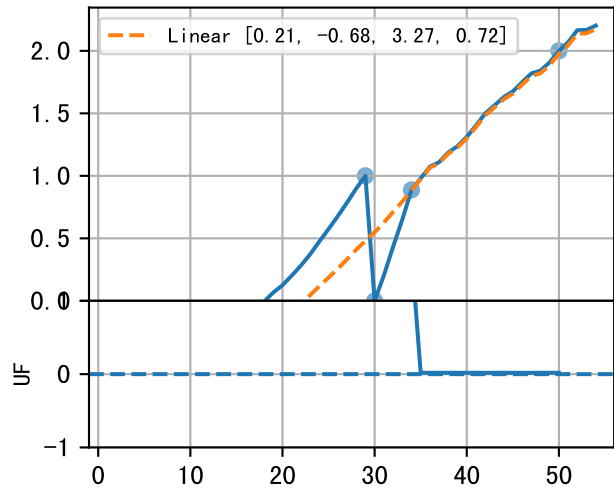
By Start Date



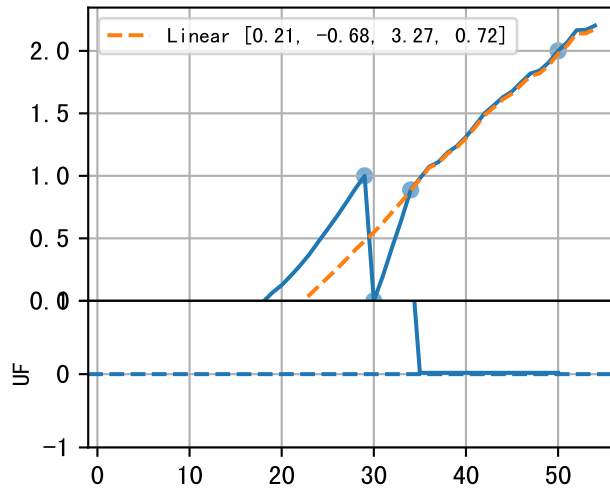
By Plant/Organ Age



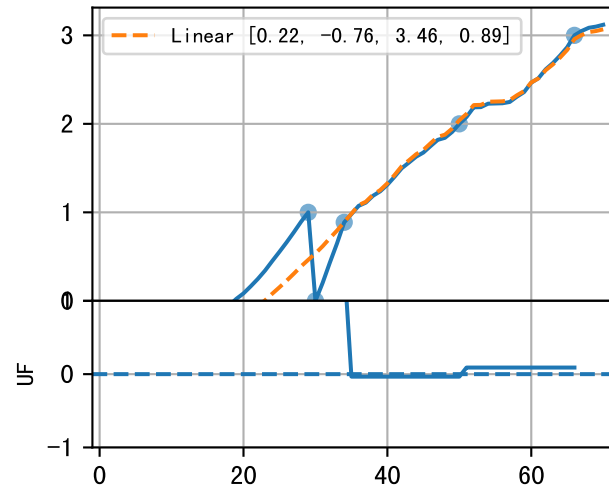
P10AW-004-12



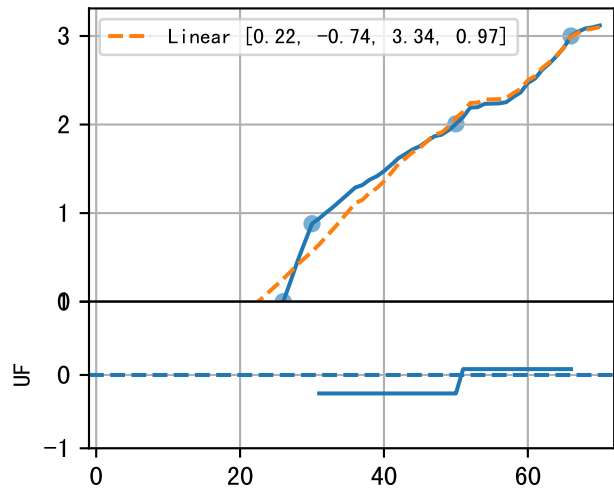
P10AW-010-25



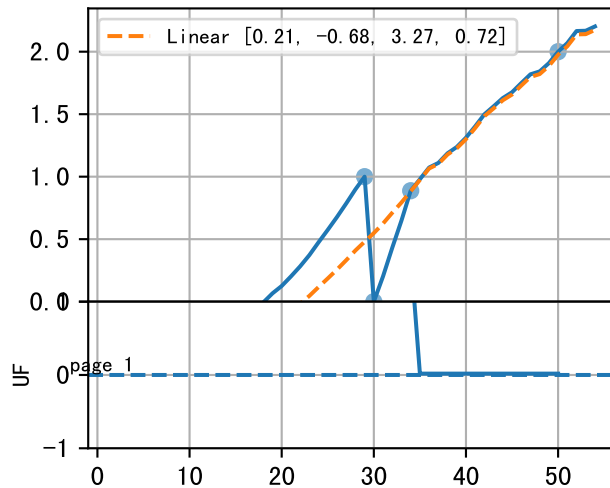
P10AW-017-16



P10AW-025-3

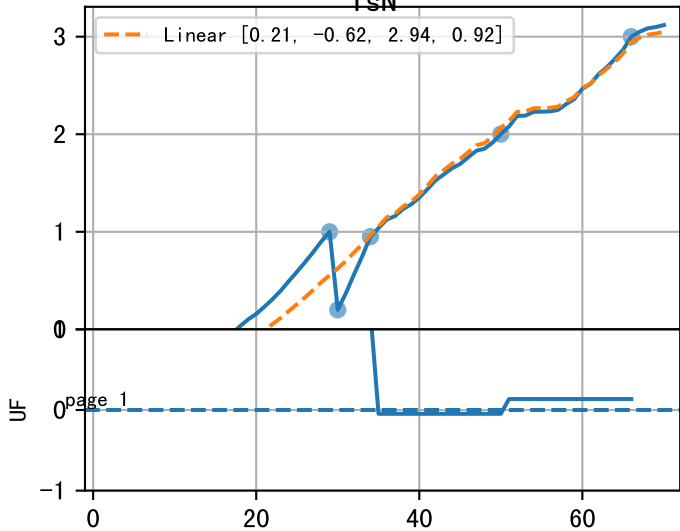


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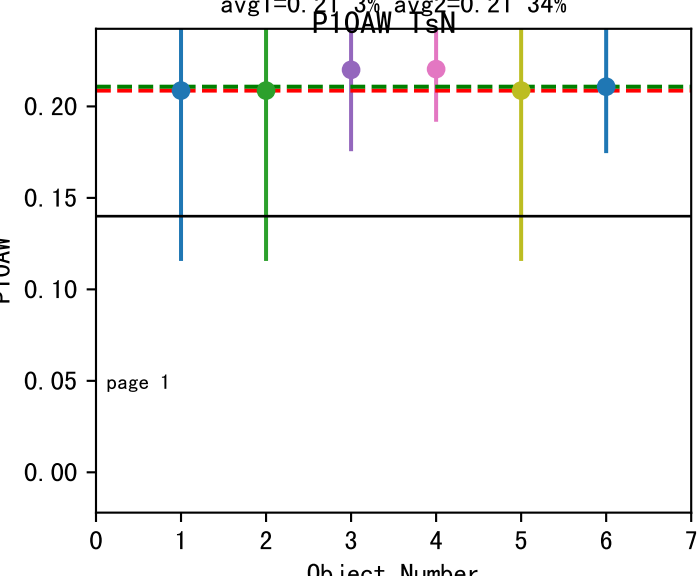


PTQWavg

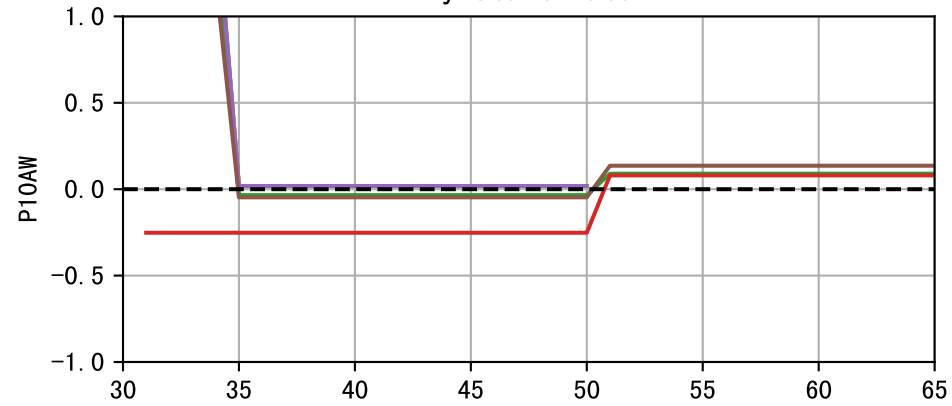
TSN



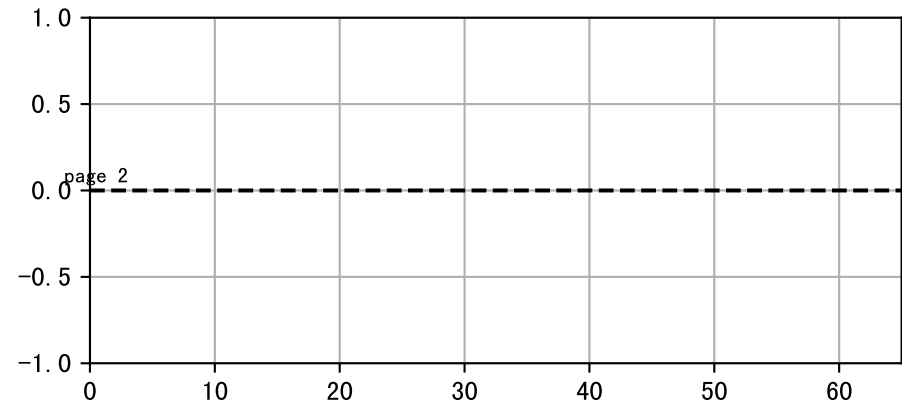
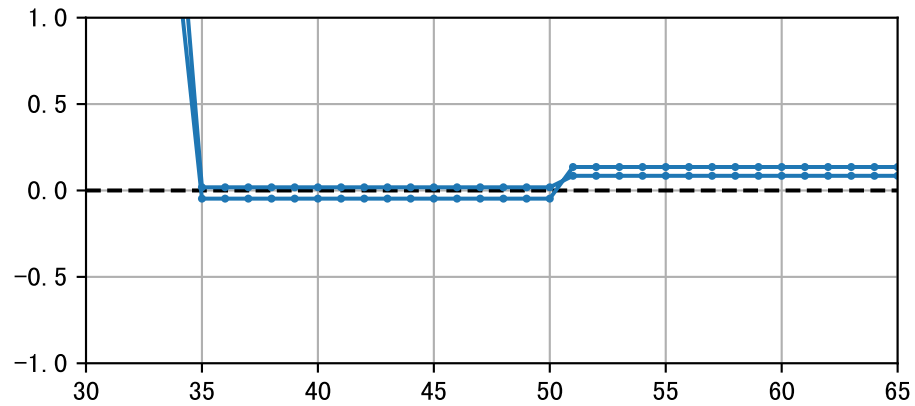
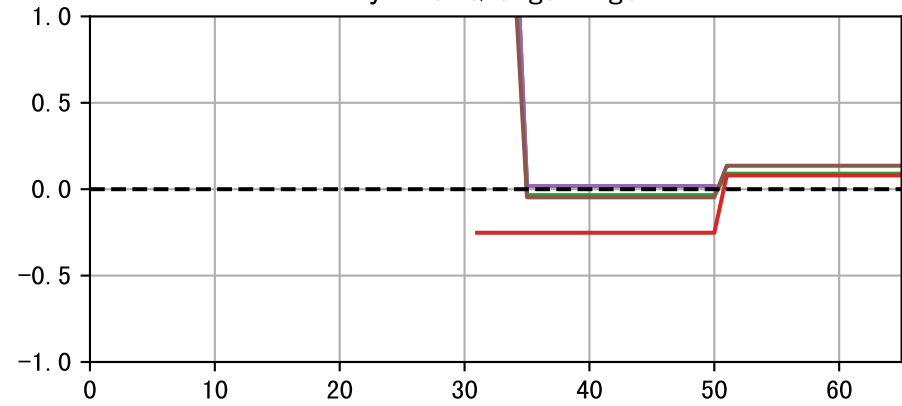
page 1

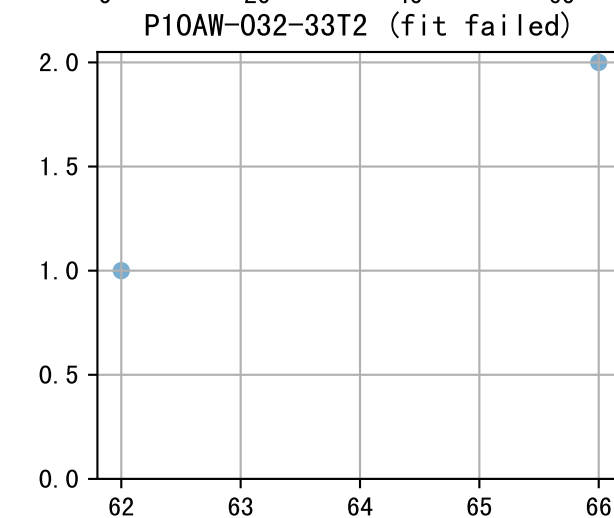
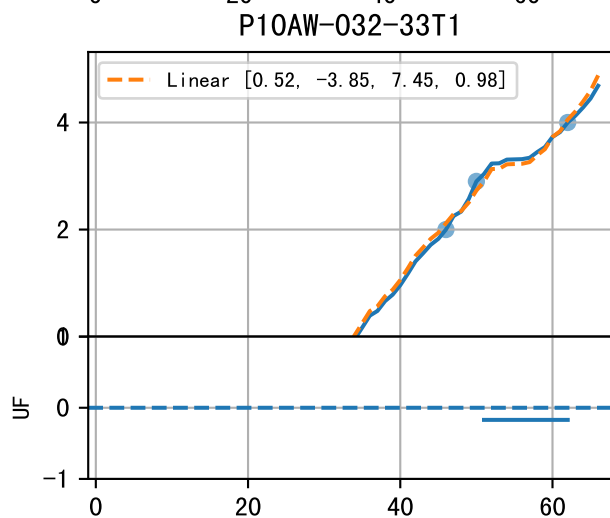
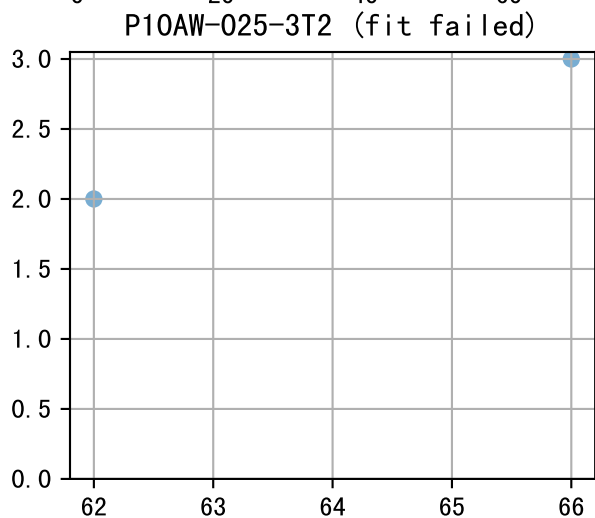
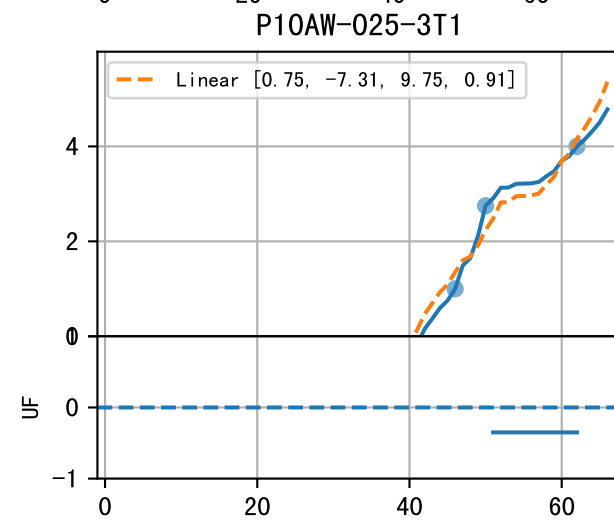
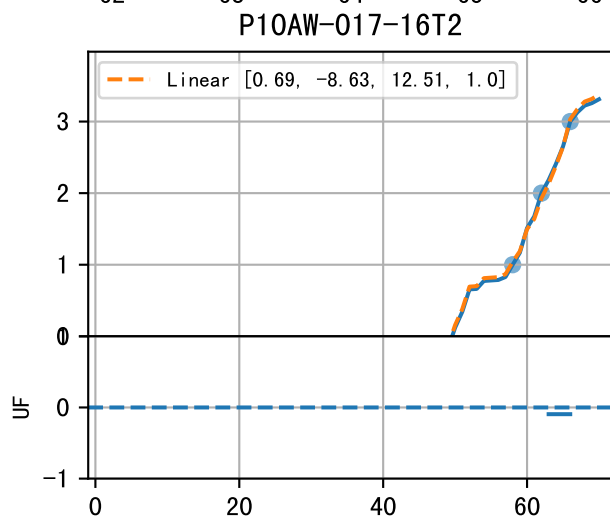
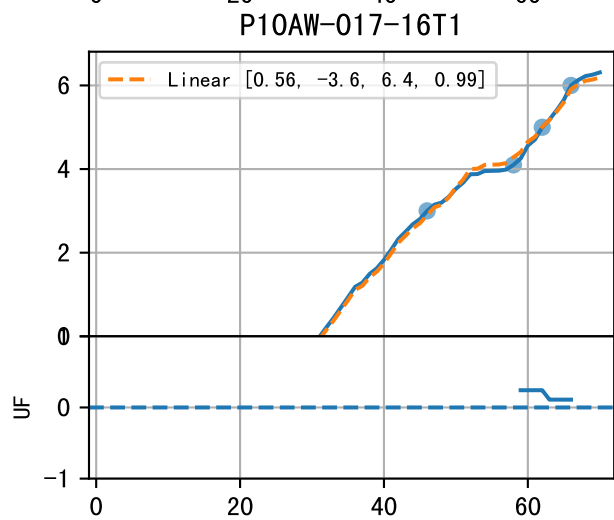
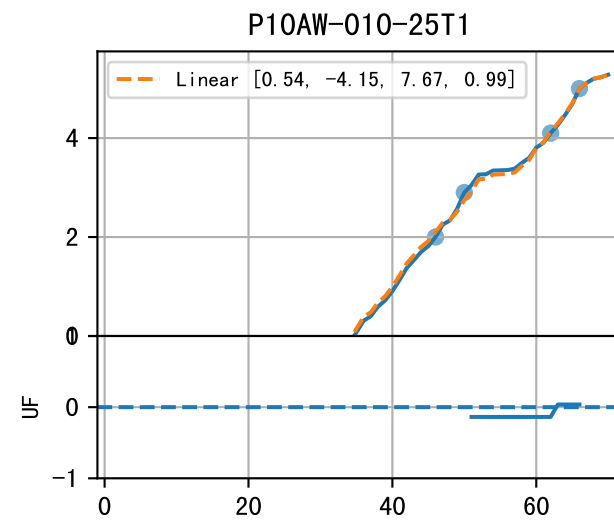
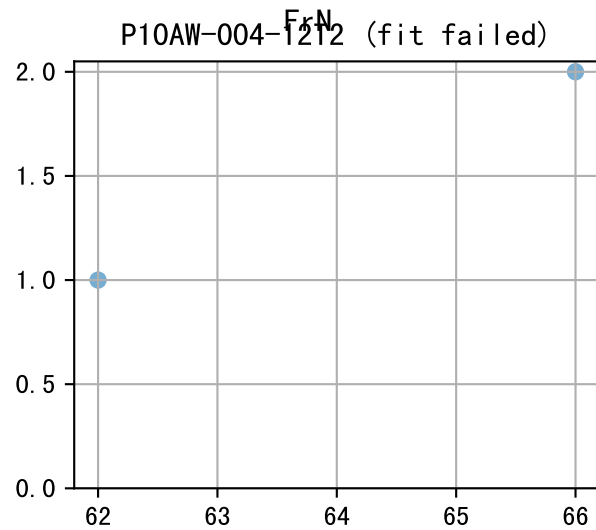
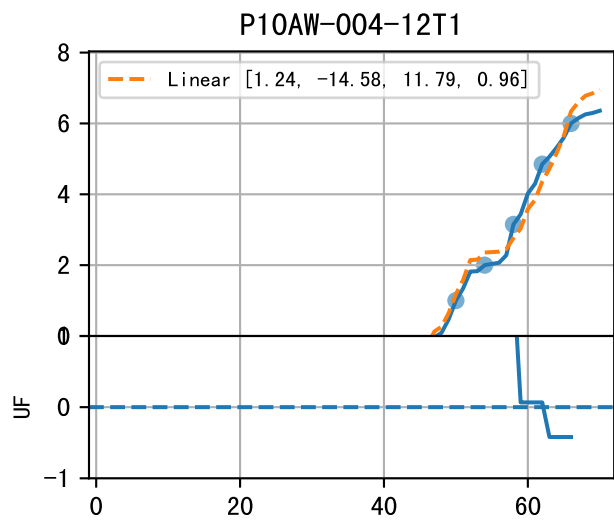


By Start Date

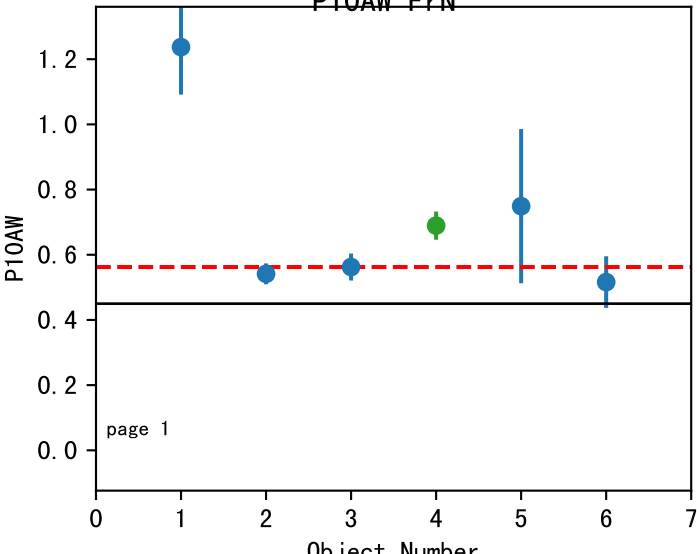


By Plant/Organ Age

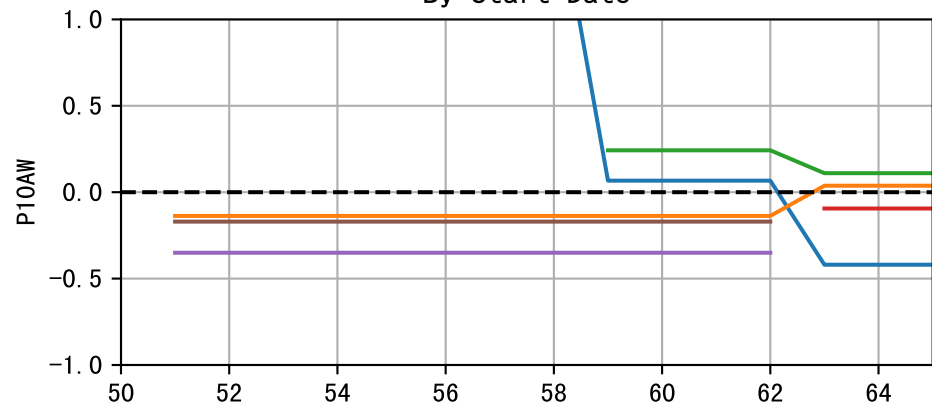




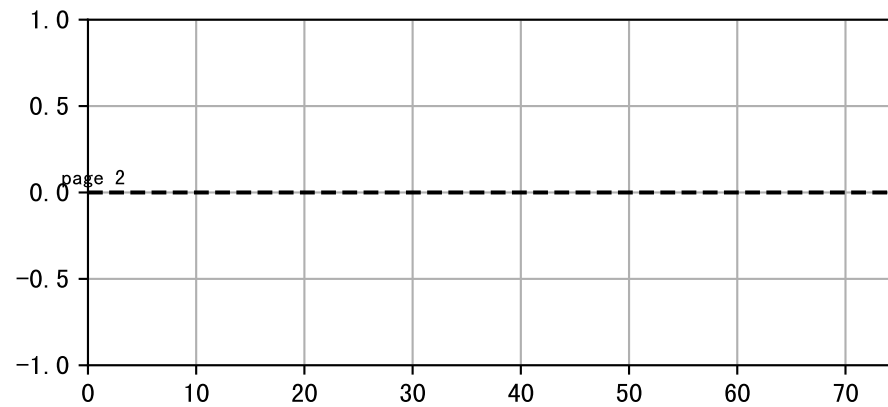
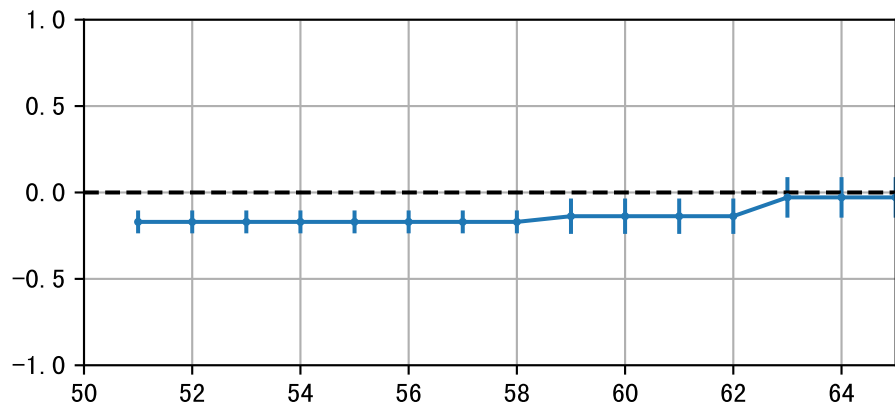
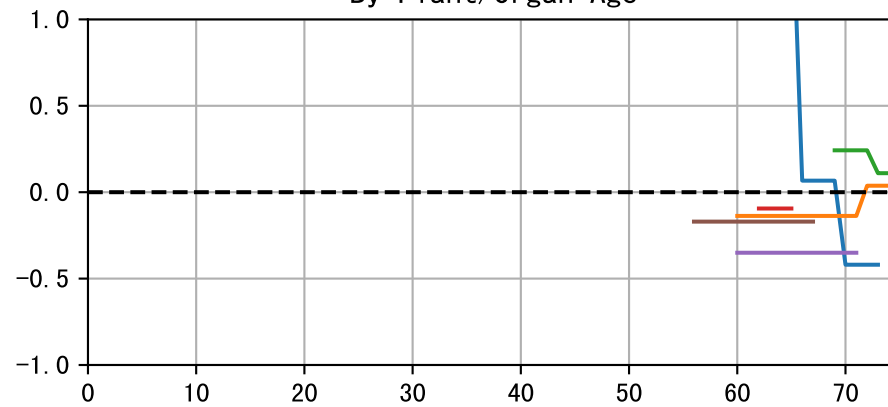
avg1=0.36 18% avgz=na
P10AW FrN



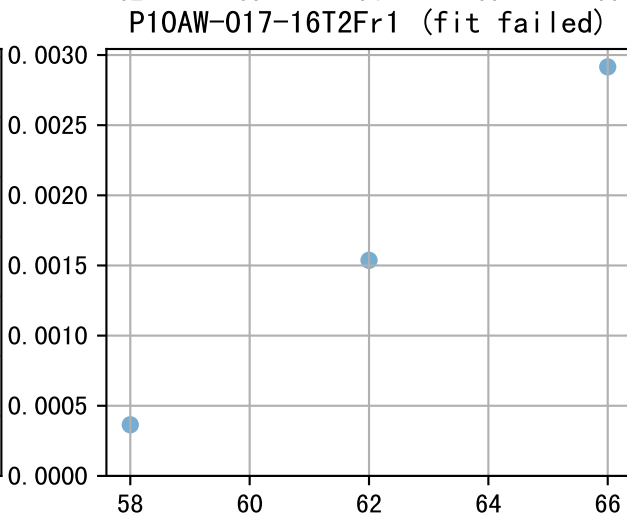
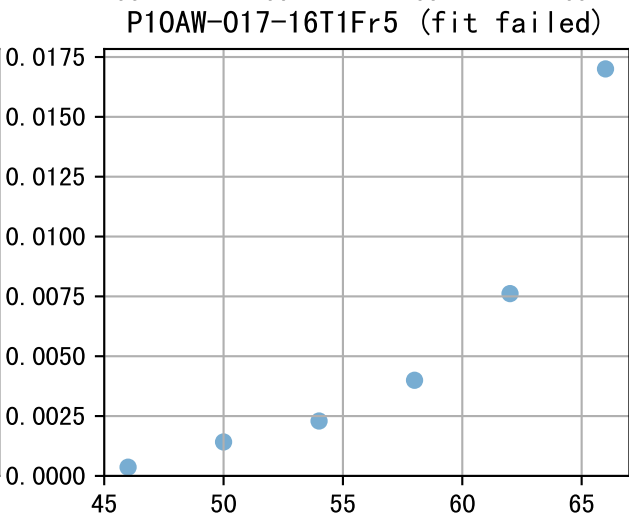
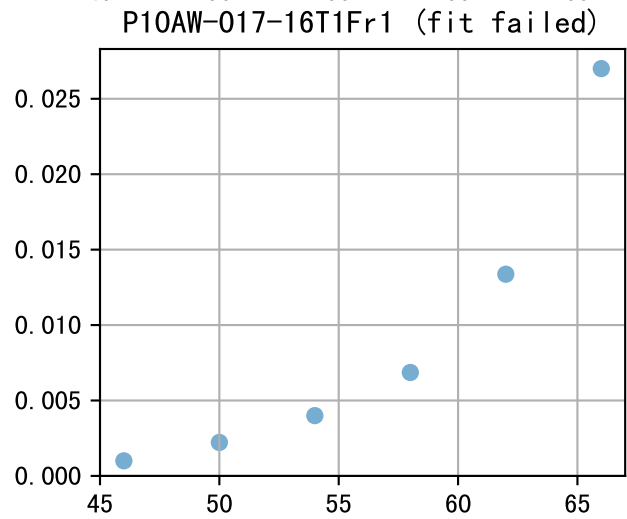
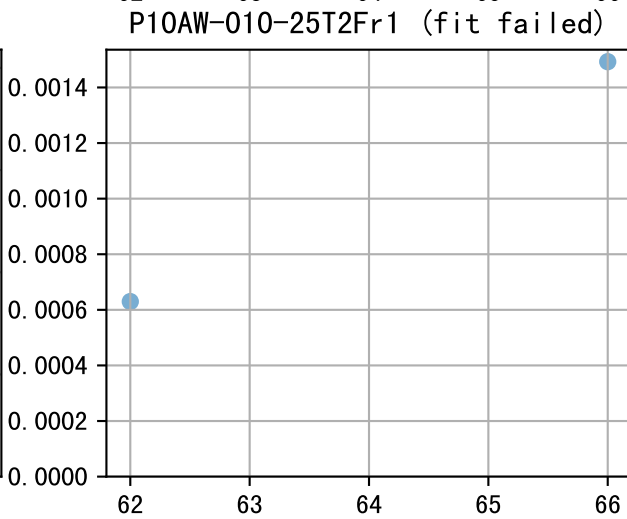
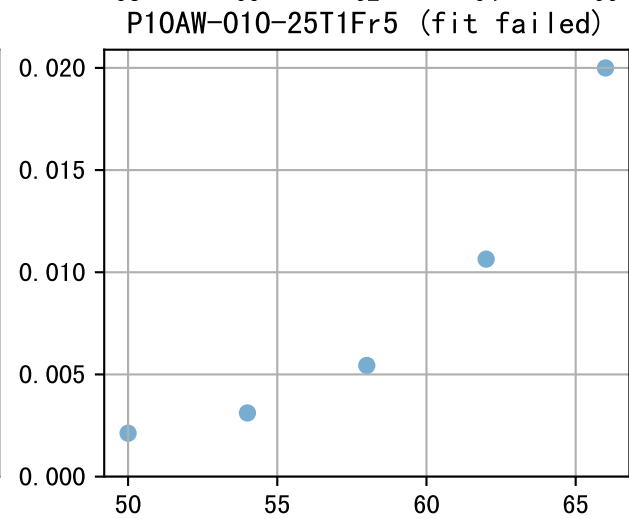
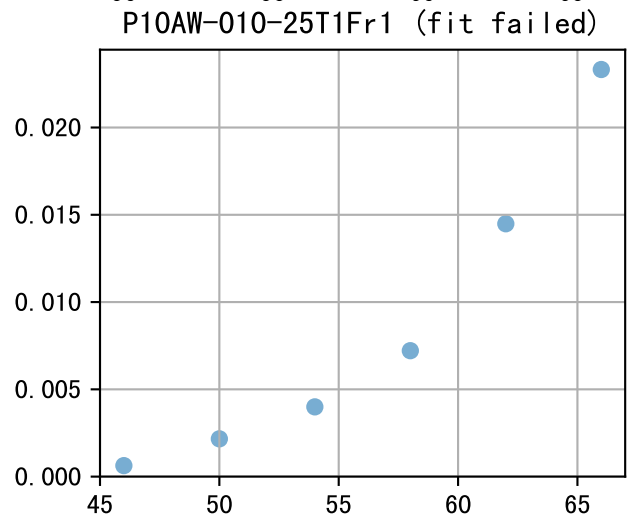
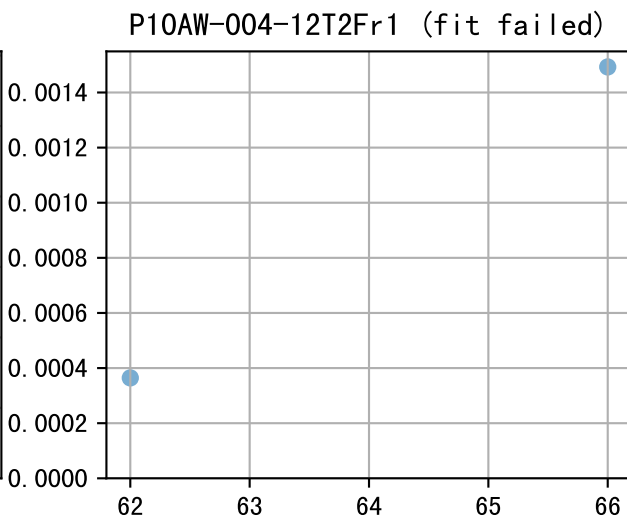
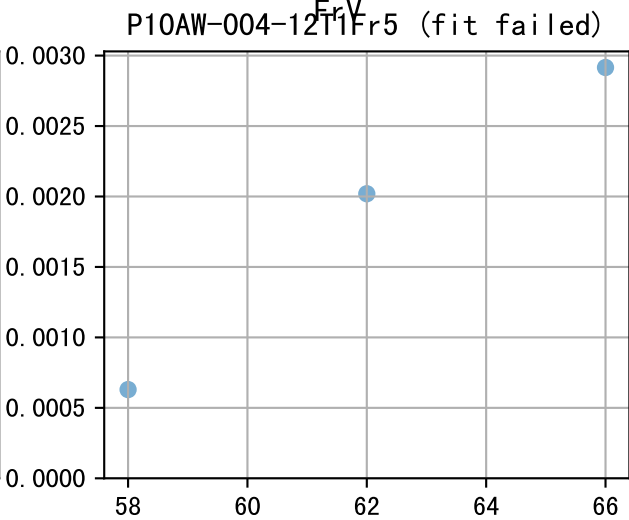
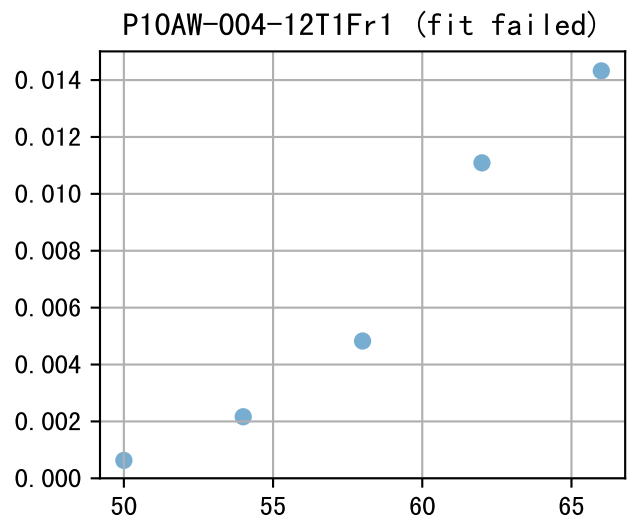
By Start Date



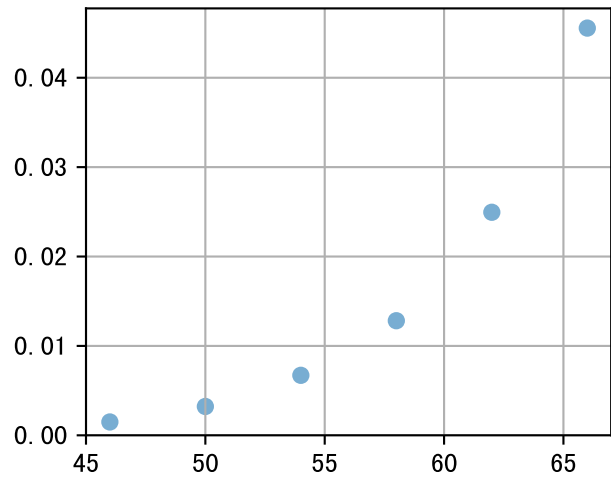
By Plant/Organ Age



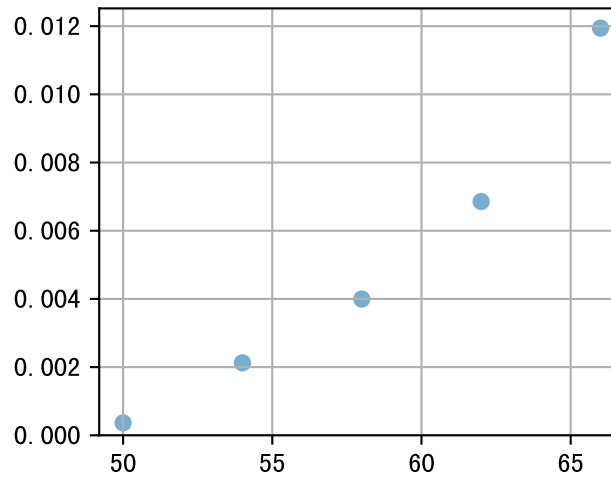
FrV



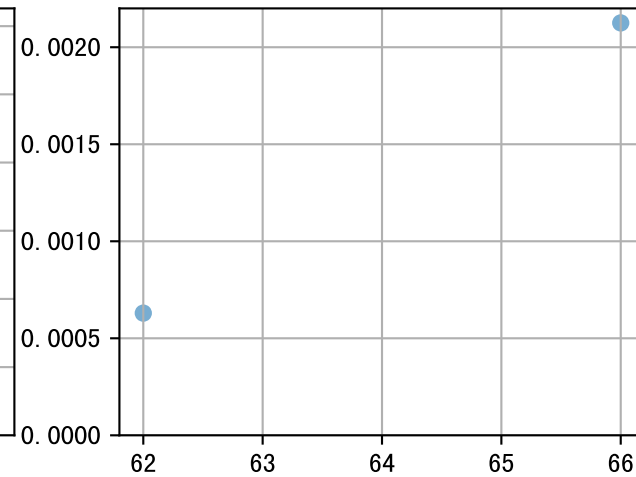
P10AW-025-3T1Fr1 (fit failed)



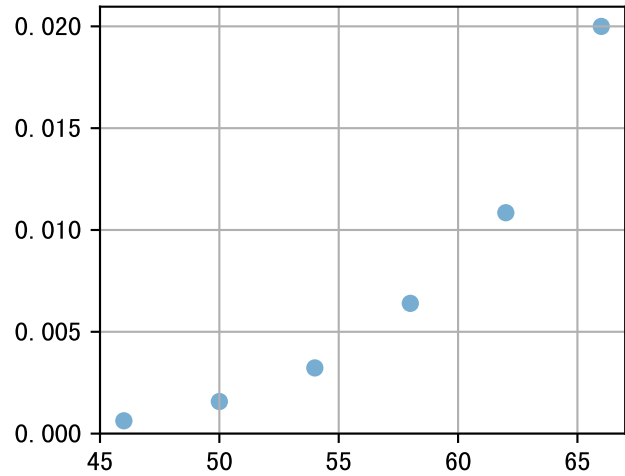
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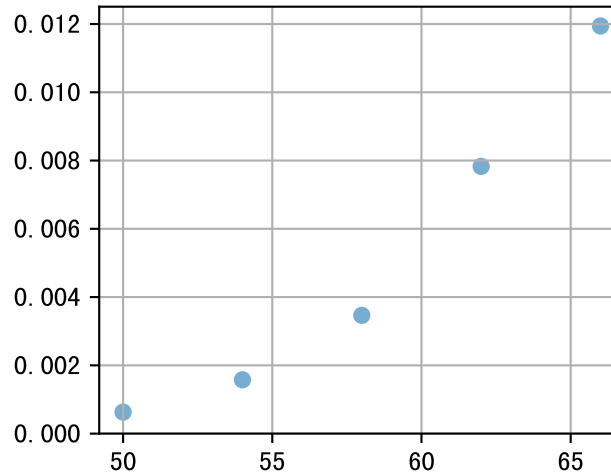
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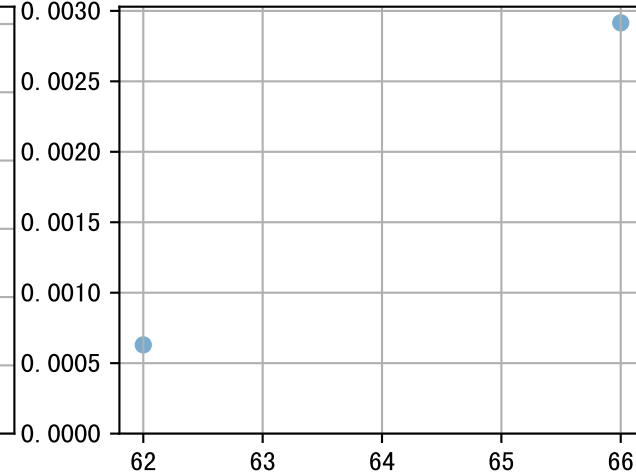
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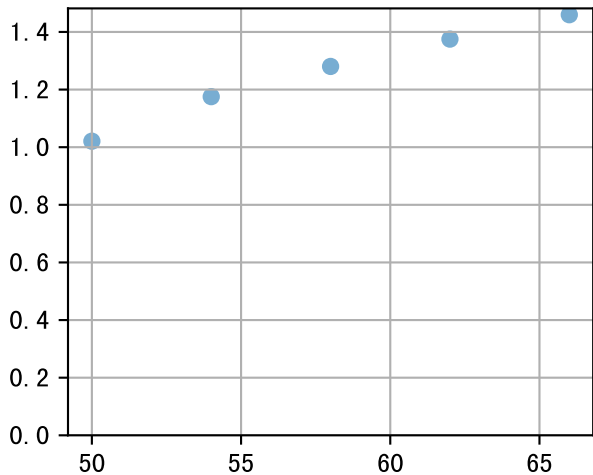
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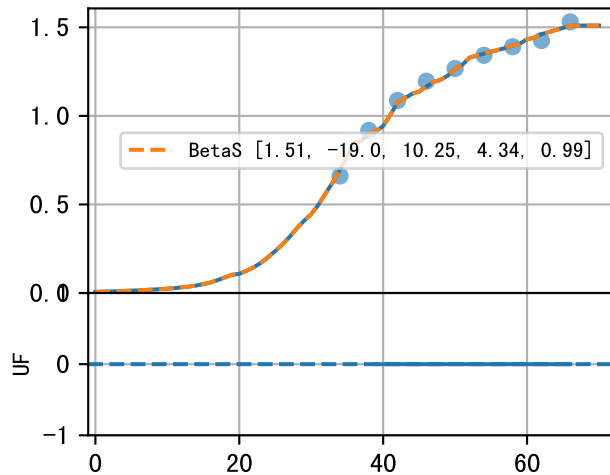
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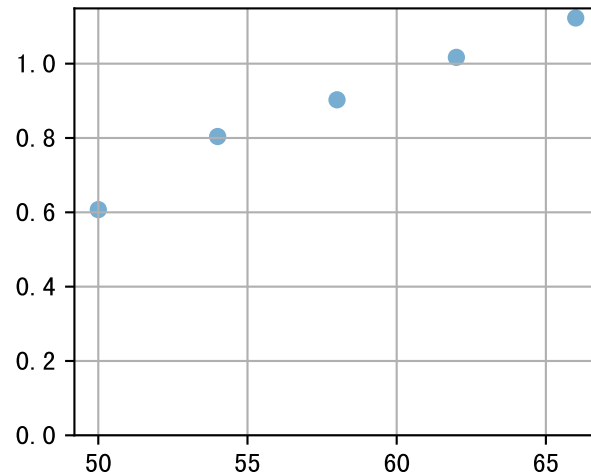
P10AW-004-12L10 (fit failed)



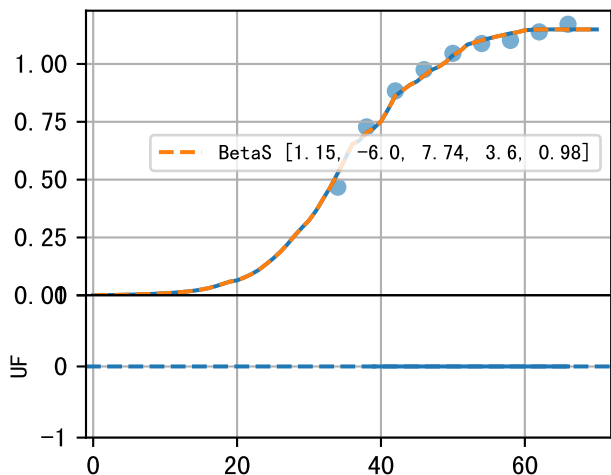
P10AW-004-12L7



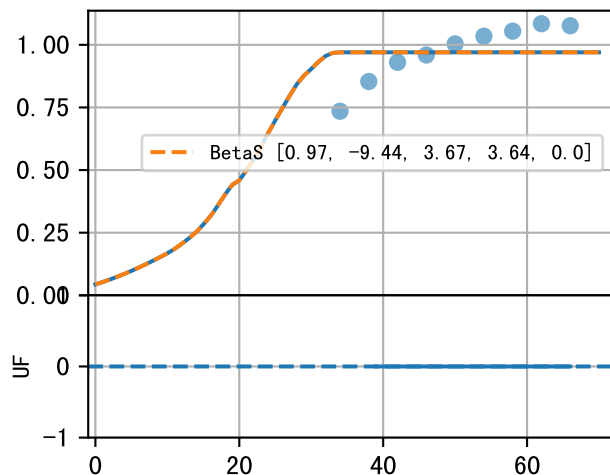
P10AW-010-25L10 (fit failed)



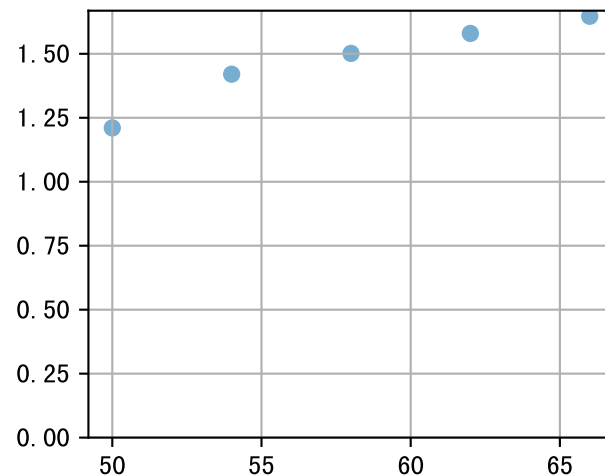
P10AW-010-25L7 (fit failed)



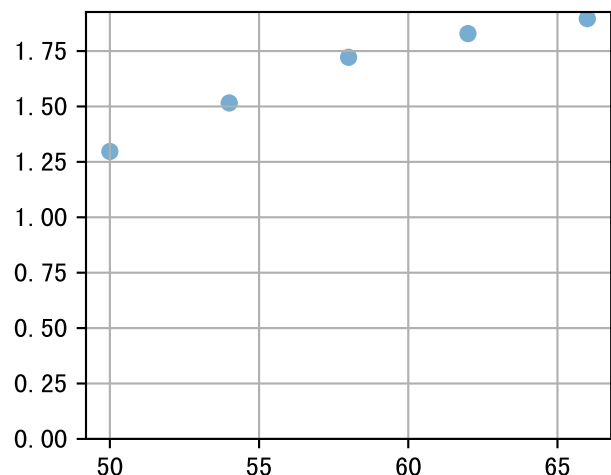
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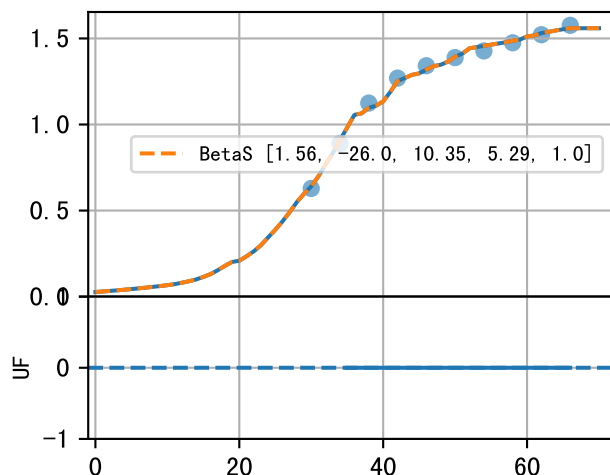
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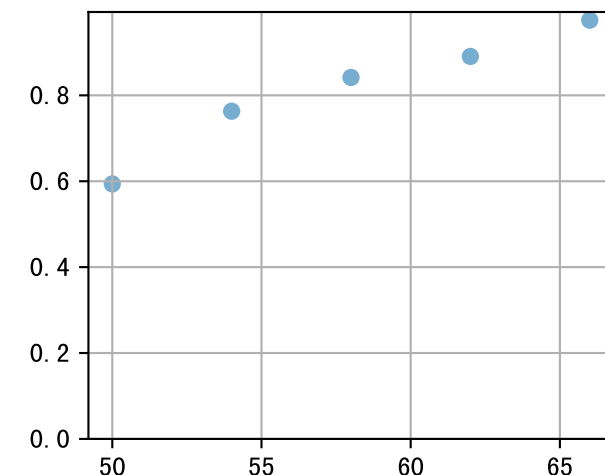
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P10AW-025-3L7

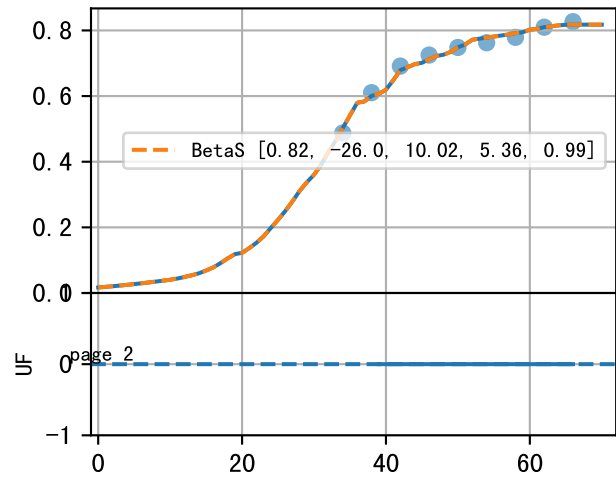


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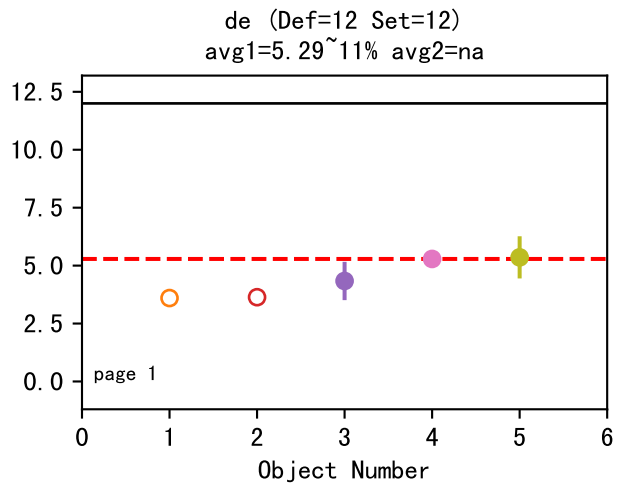
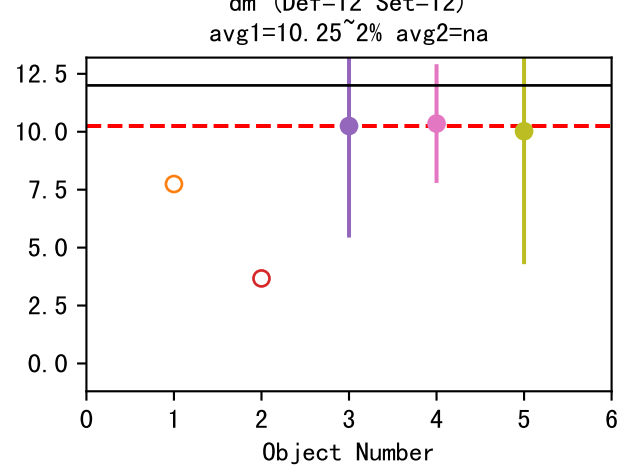
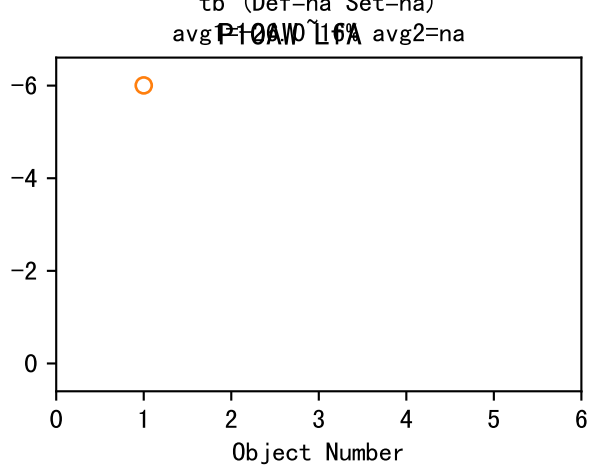
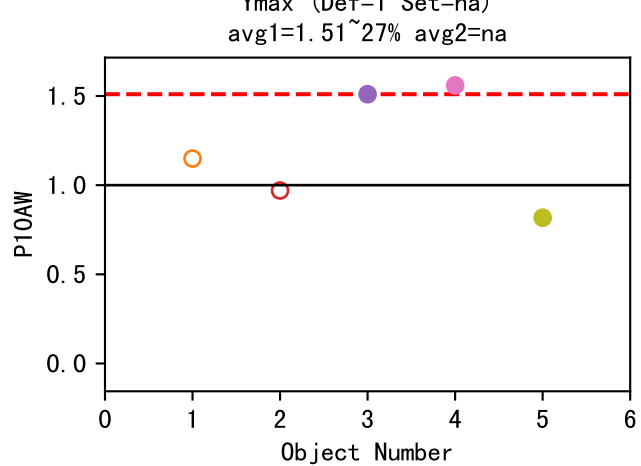


P10AW-032-33L7

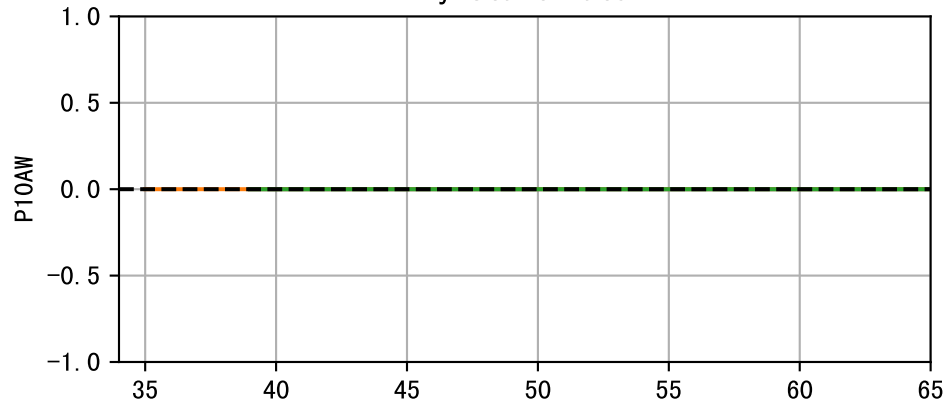
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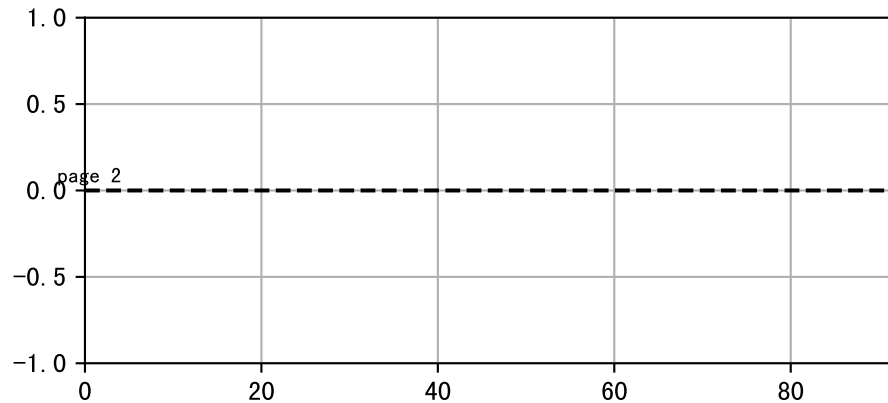
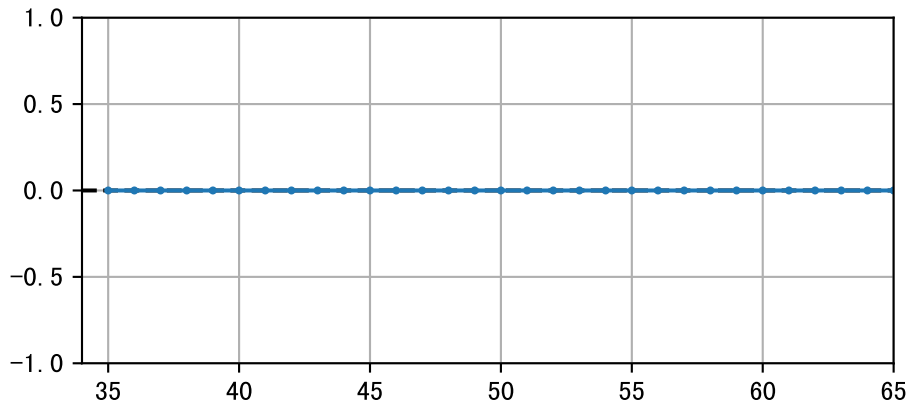
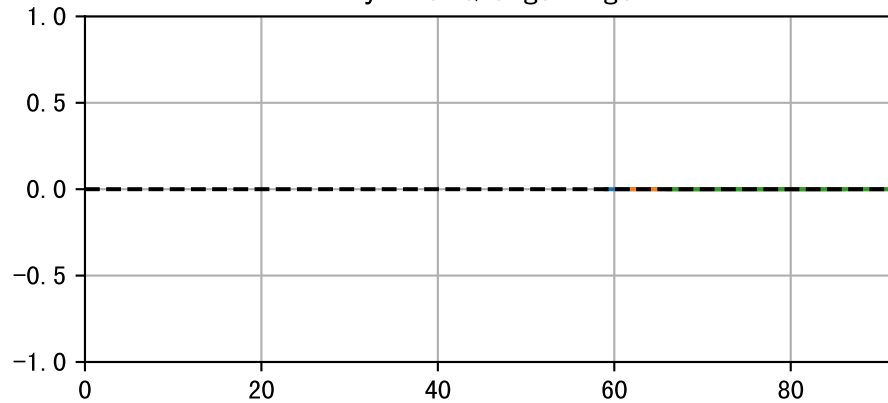
Page 2

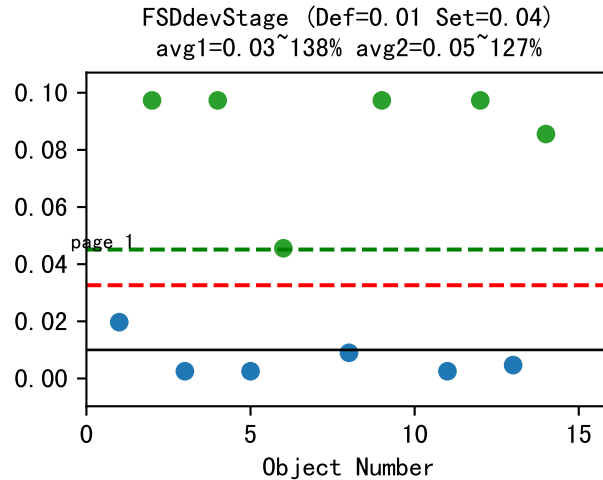
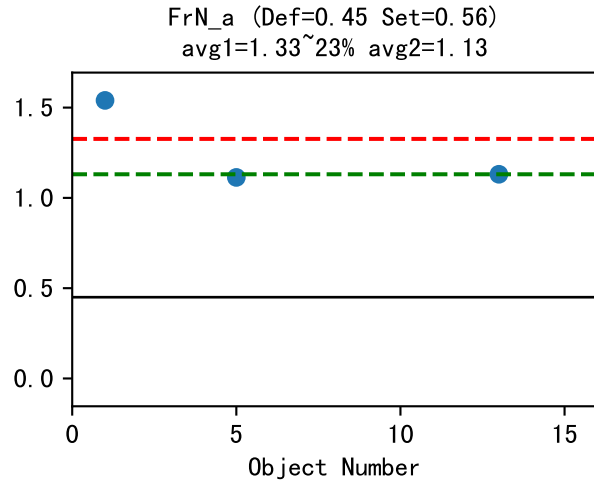
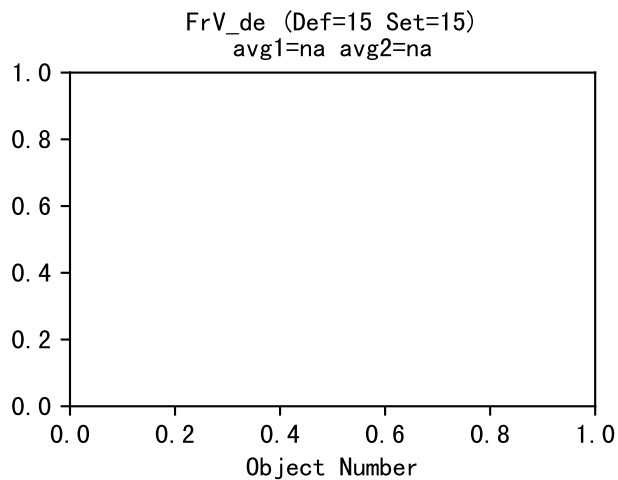
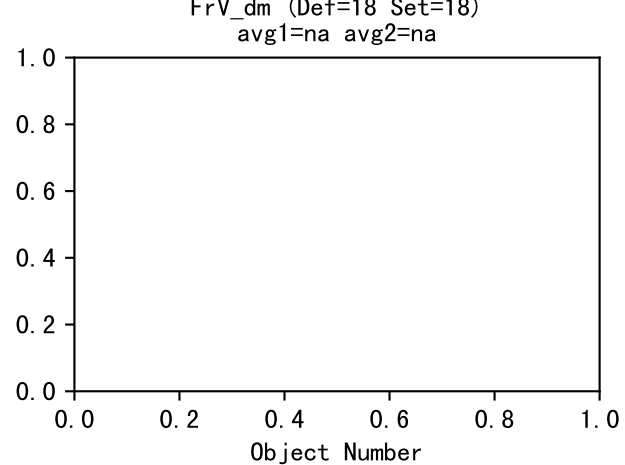
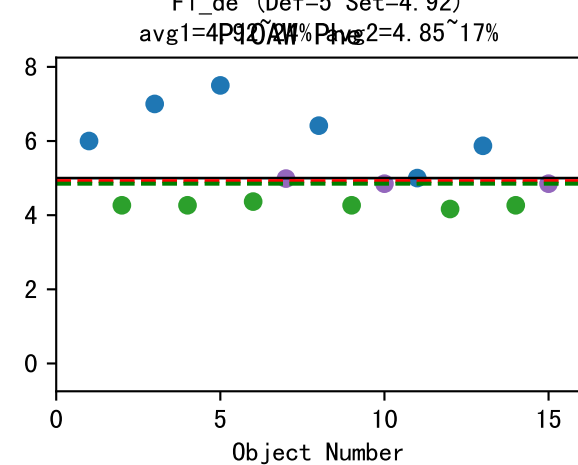
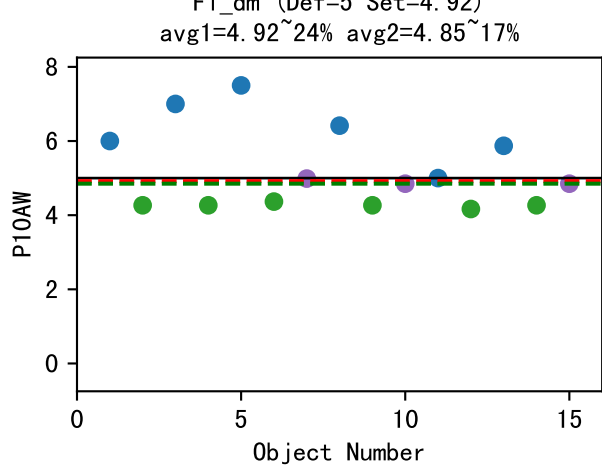


By Start Date

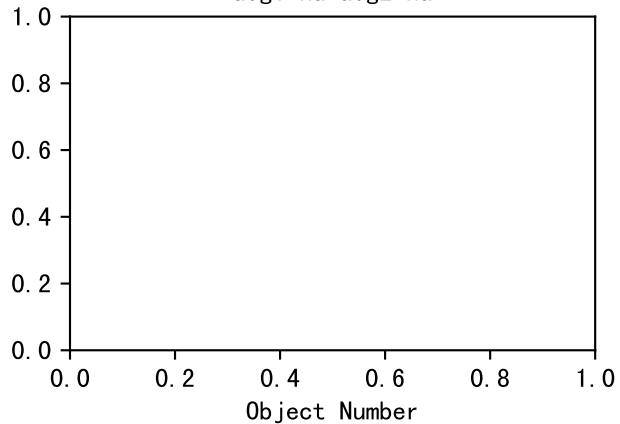


By Plant/Organ Age

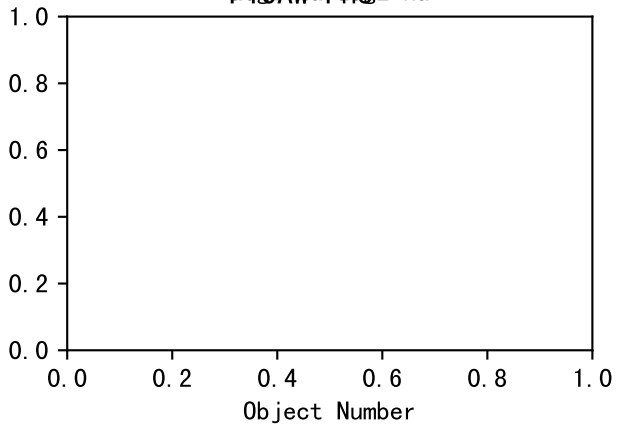




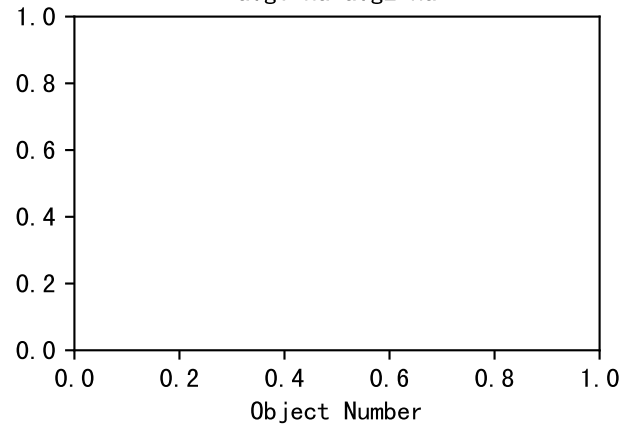
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



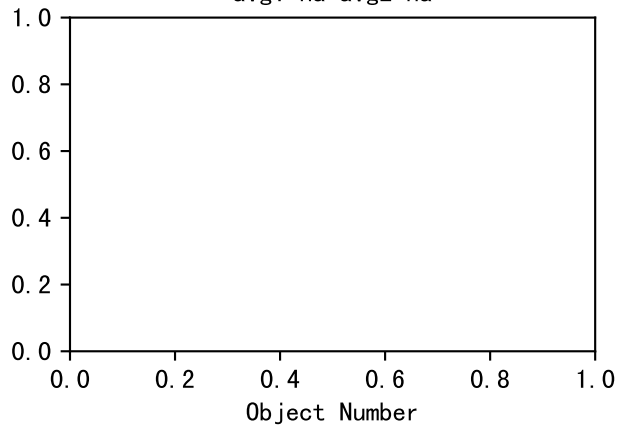
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



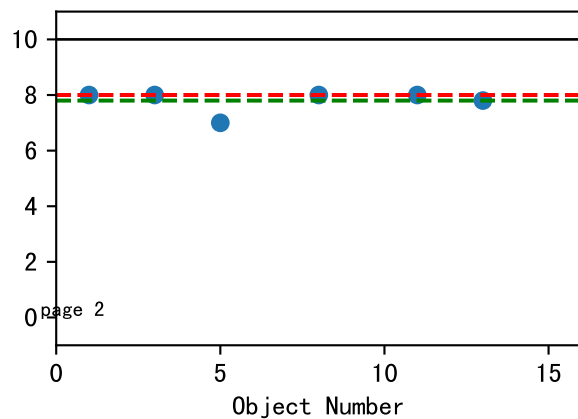
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



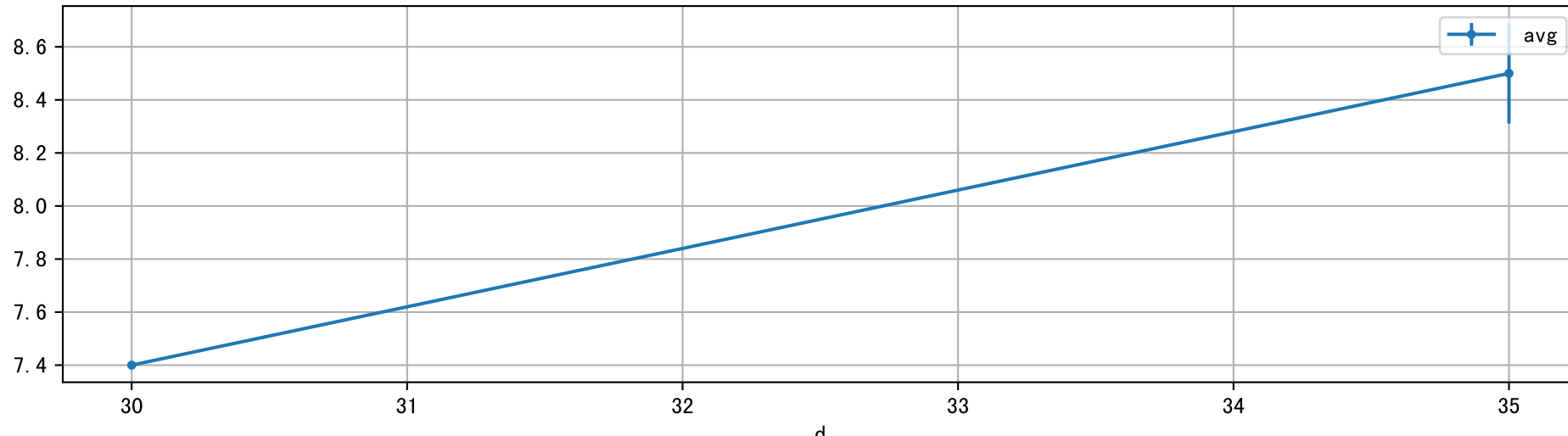
FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na



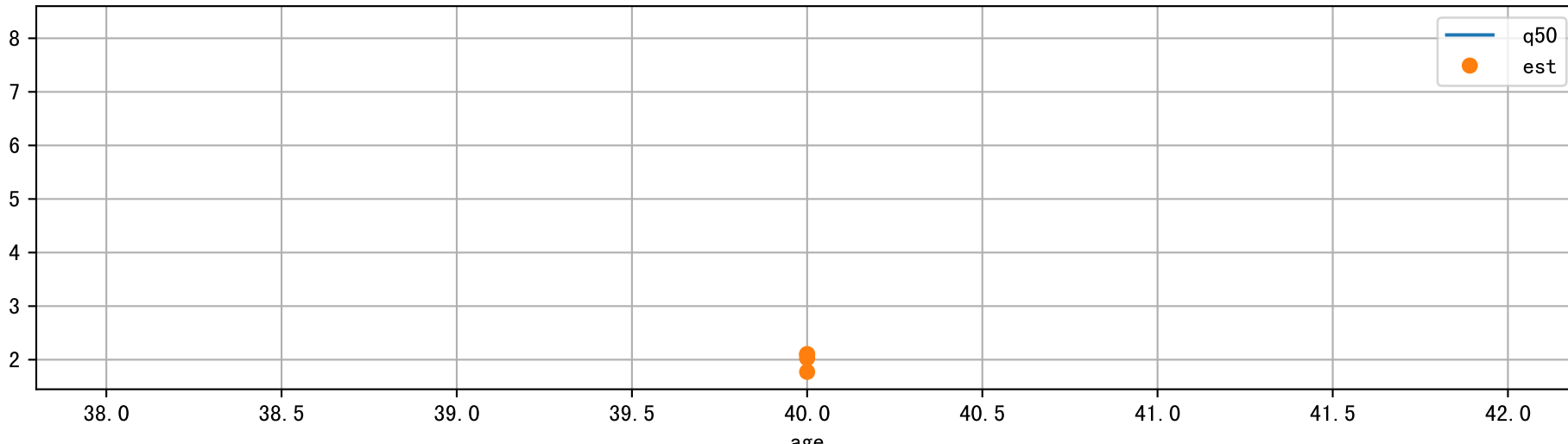
NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=7.8



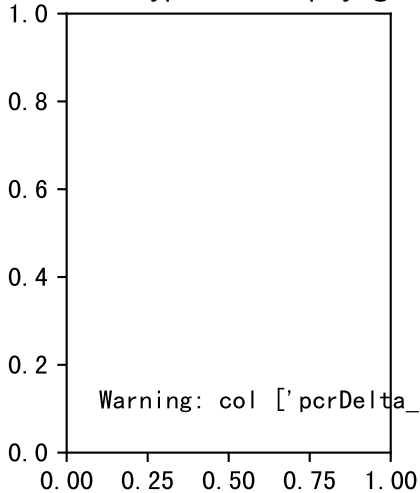
NdD: avg vs. d at each age group
age=40



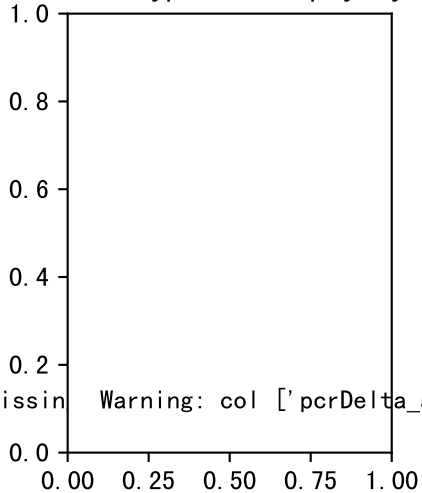
NdD: model est vs obs0v@Q50



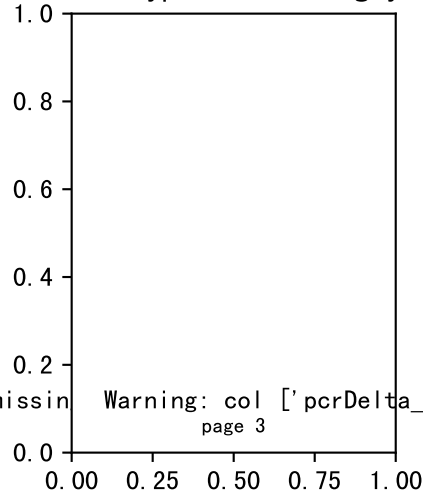
DeltaTypeAbbr=GrpByAge



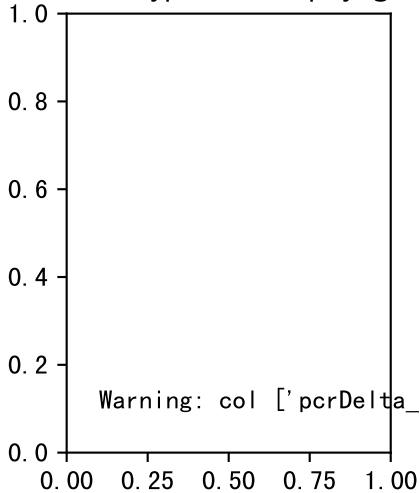
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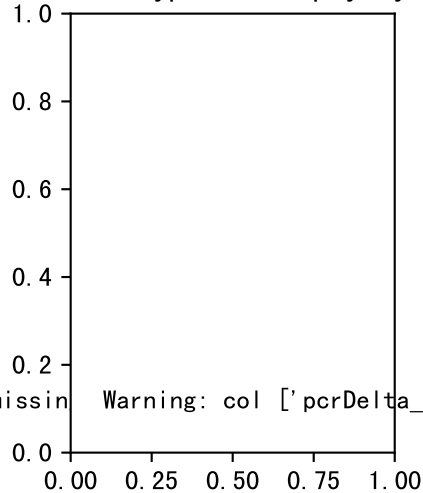
DeltaTypeAbbr=WeiAvgByD



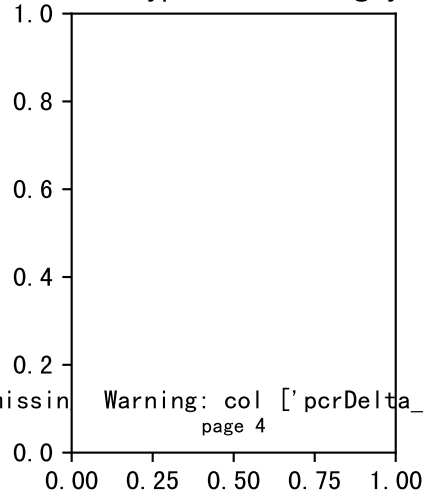
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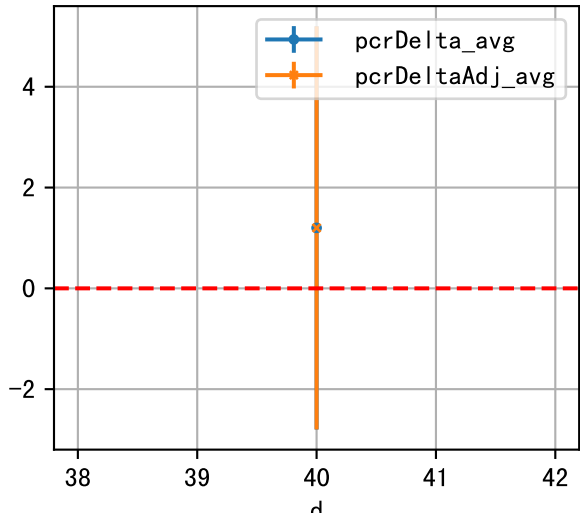
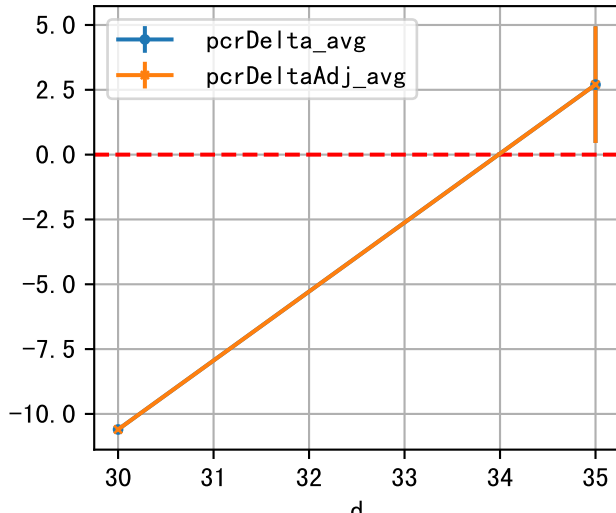
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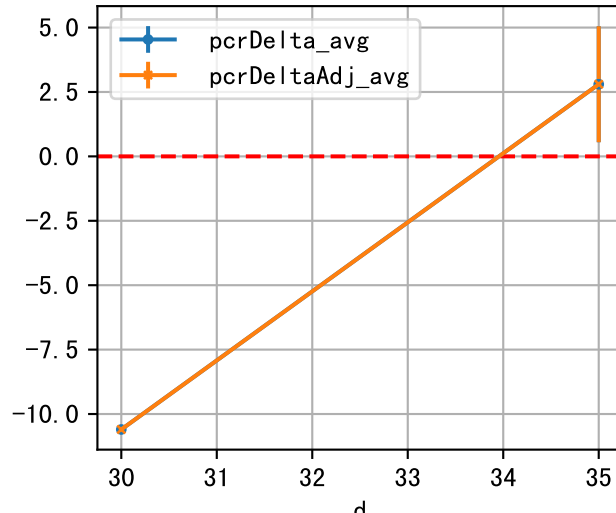
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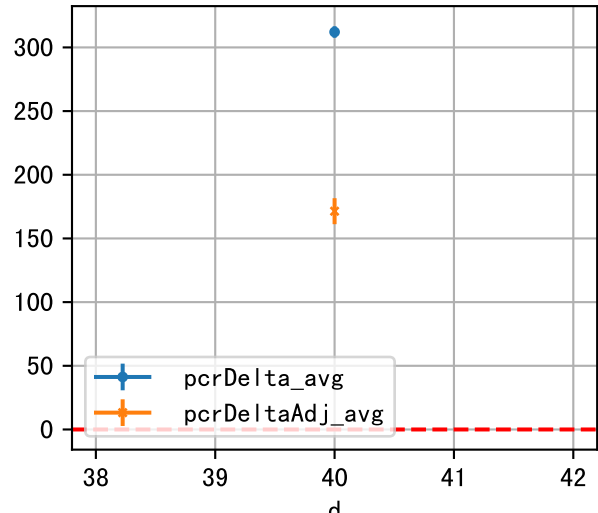
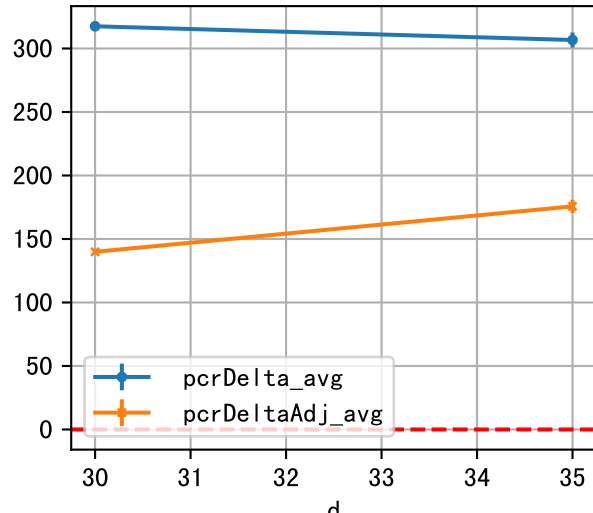
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P10AW NdD: D_Q50 NdD
DeltaTypeAbbr=GrpByDay

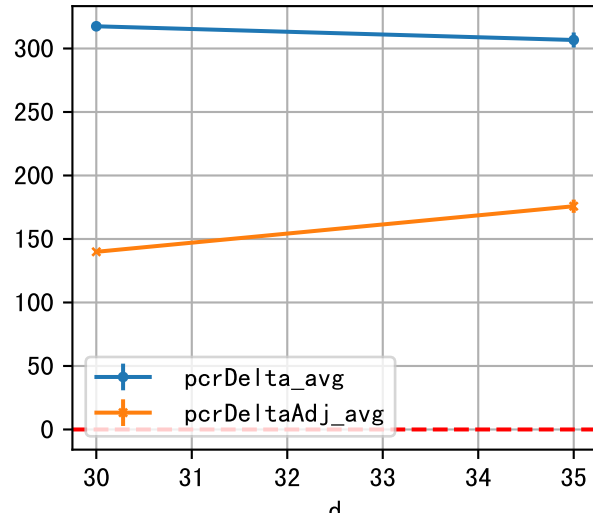
DeltaTypeAbbr=Wei AvgByD



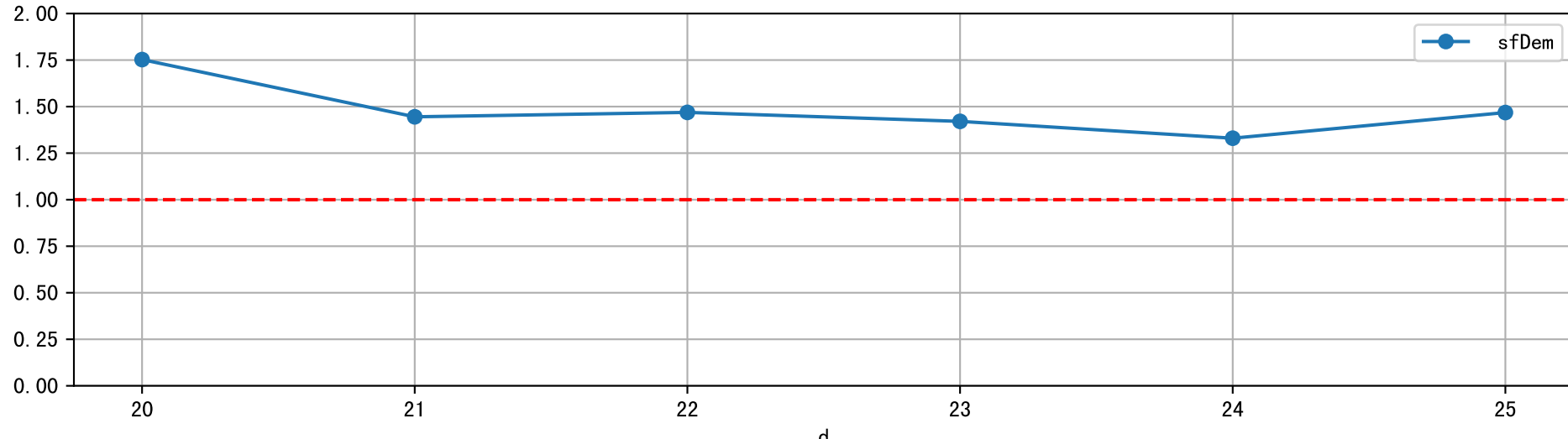
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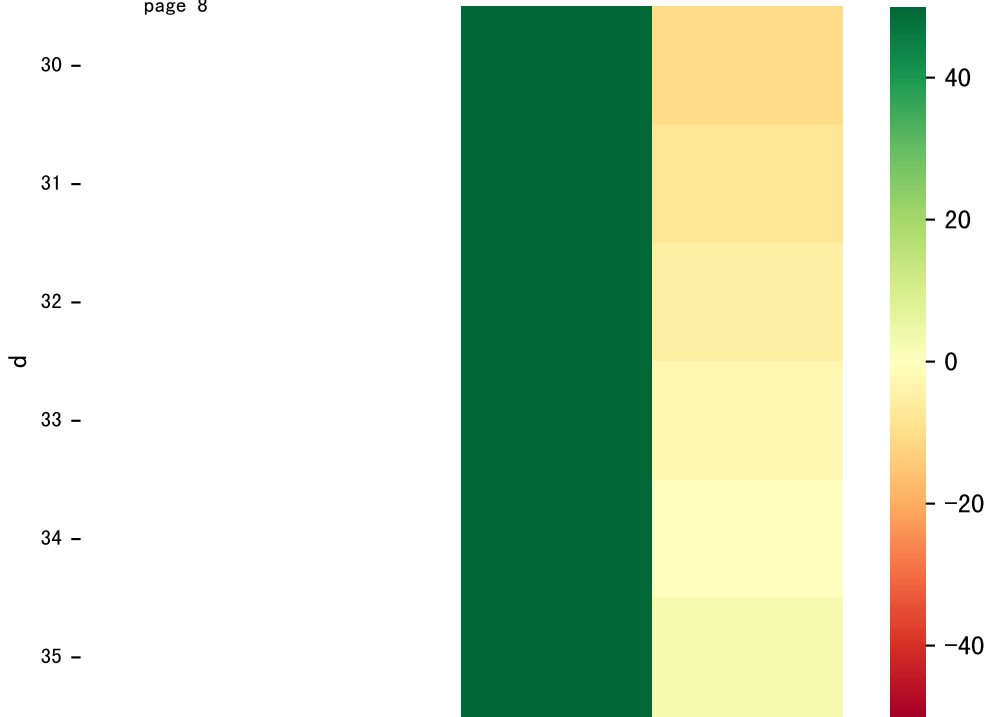
P10AW NdD: D_Est_NdD
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

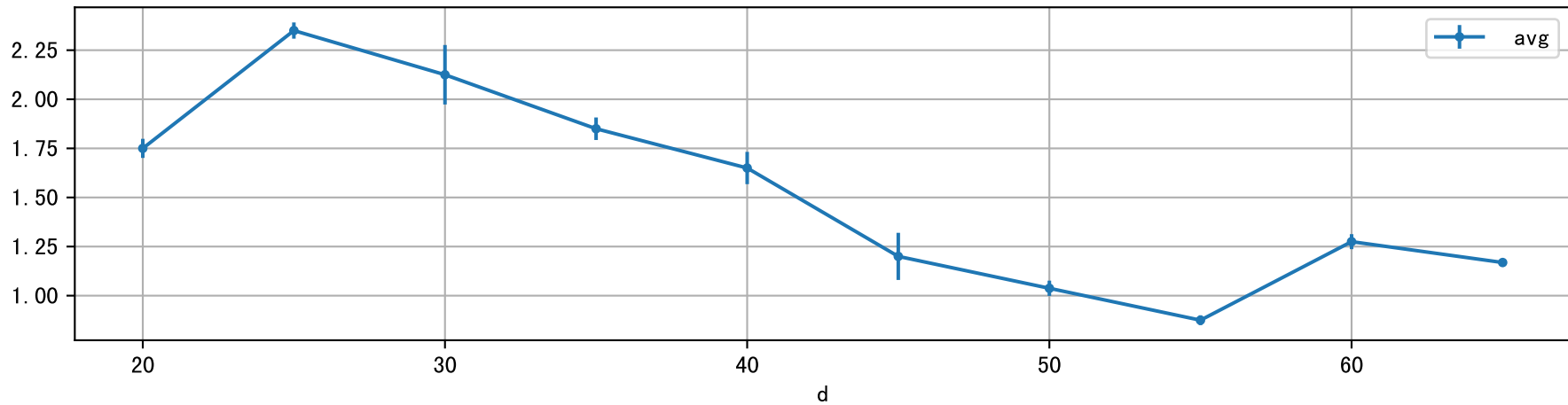


NdD: sfDem

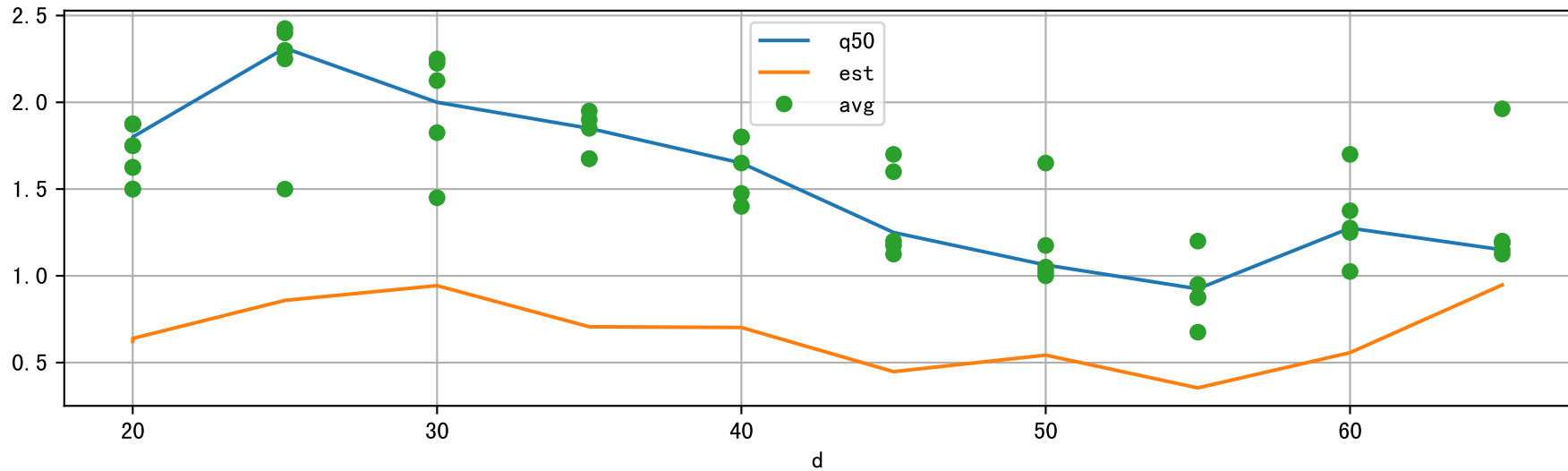




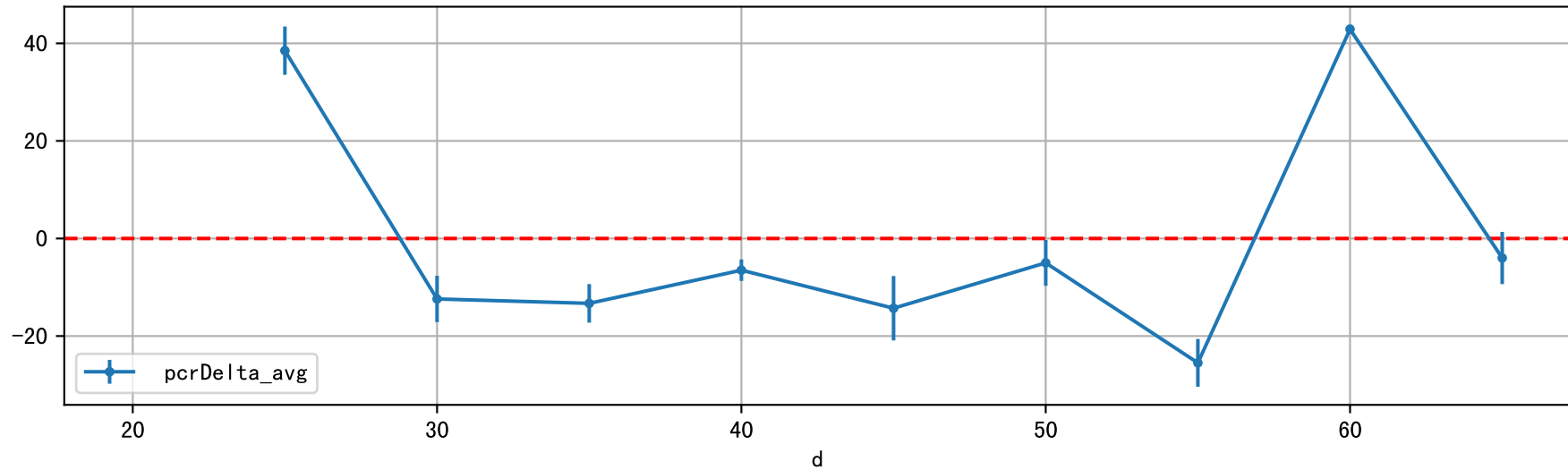
dStH: avg vs. d



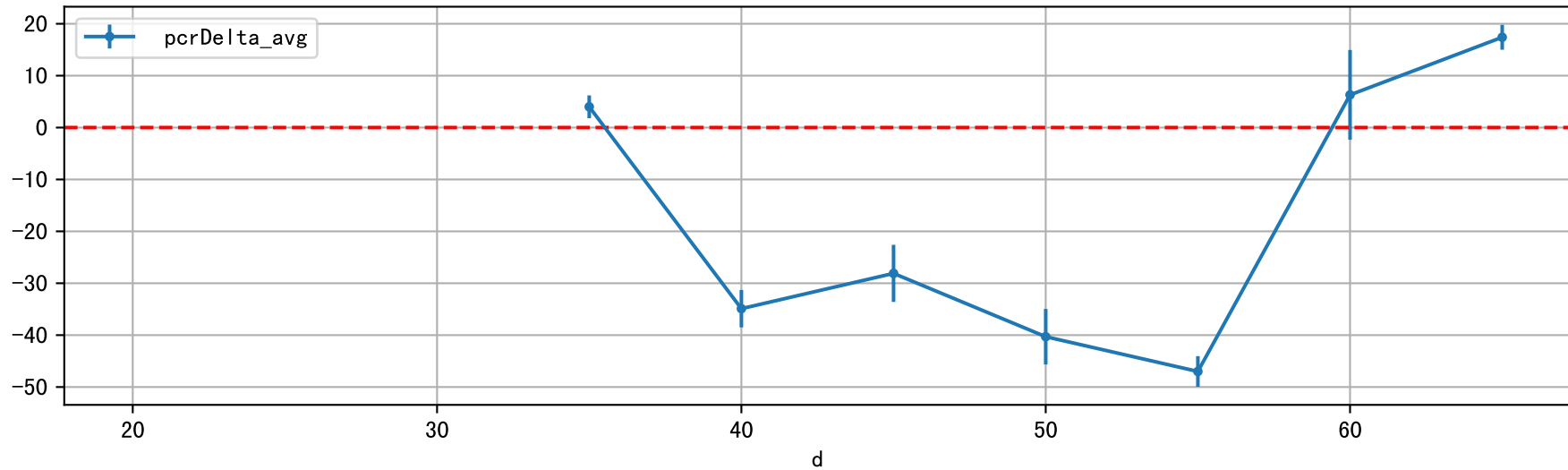
dStH: obsAvg vs obs0v@Q50



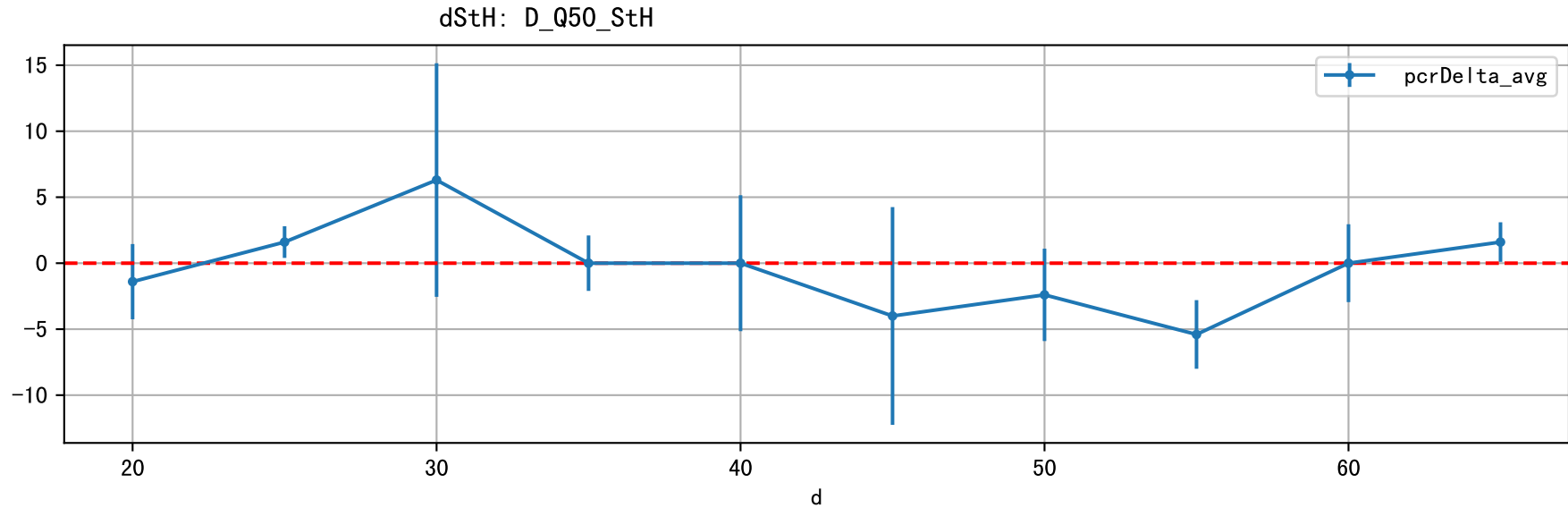
dStH: D_5d_StH



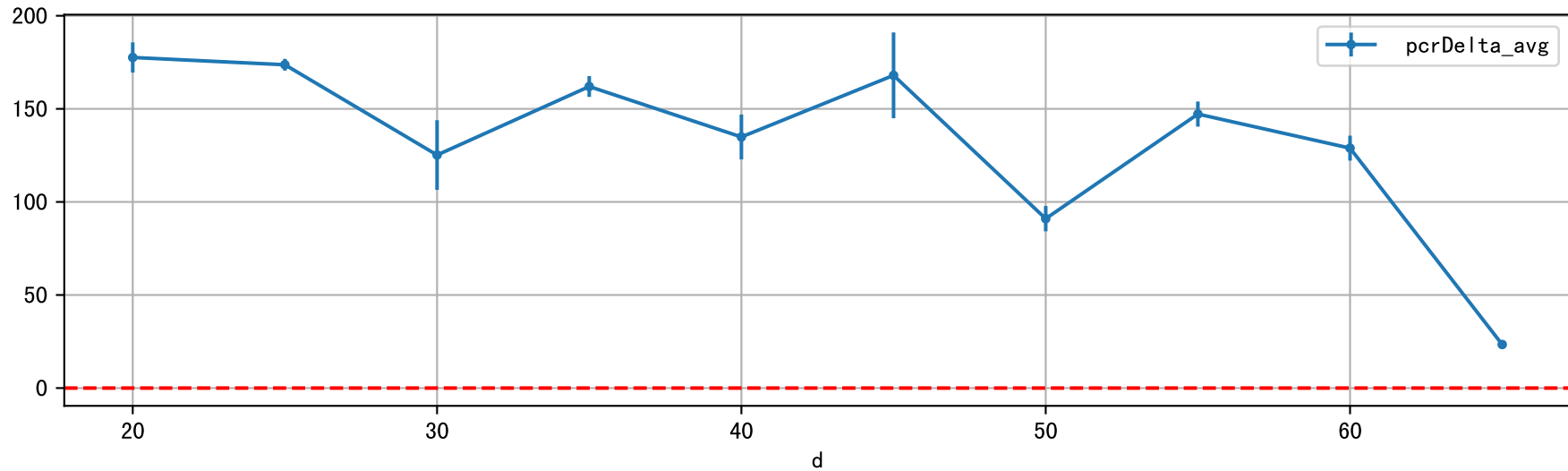
dStH: D_15d_StH



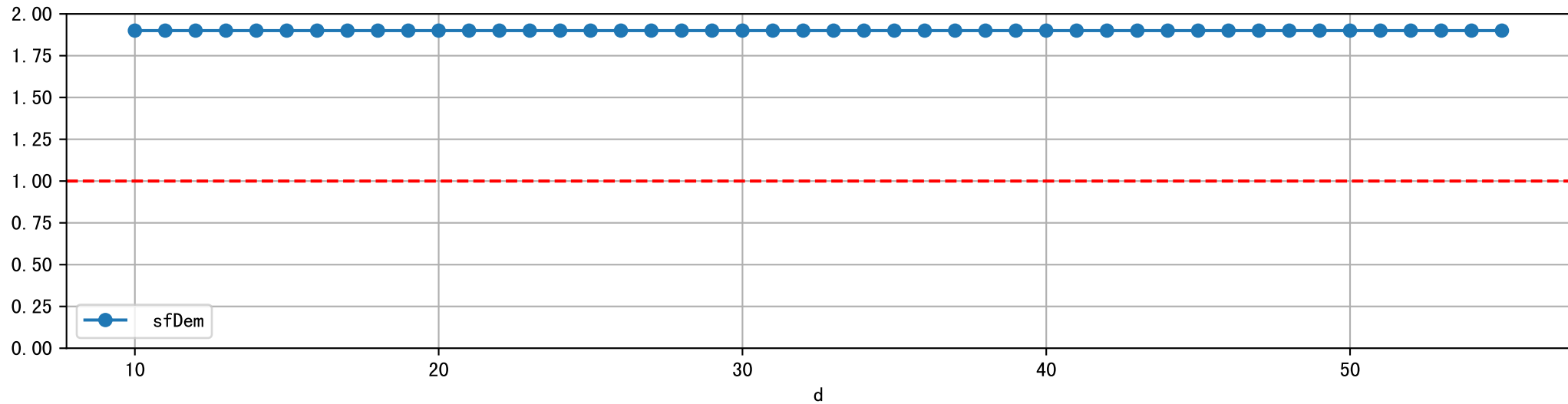
age 13

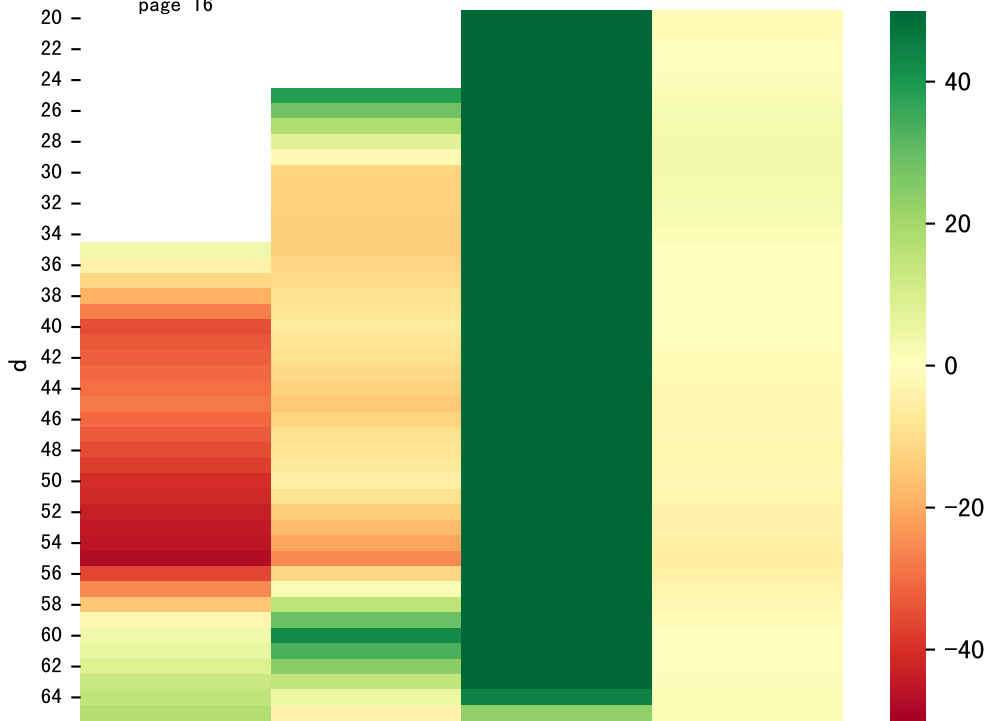


dStH: D_Est_StH



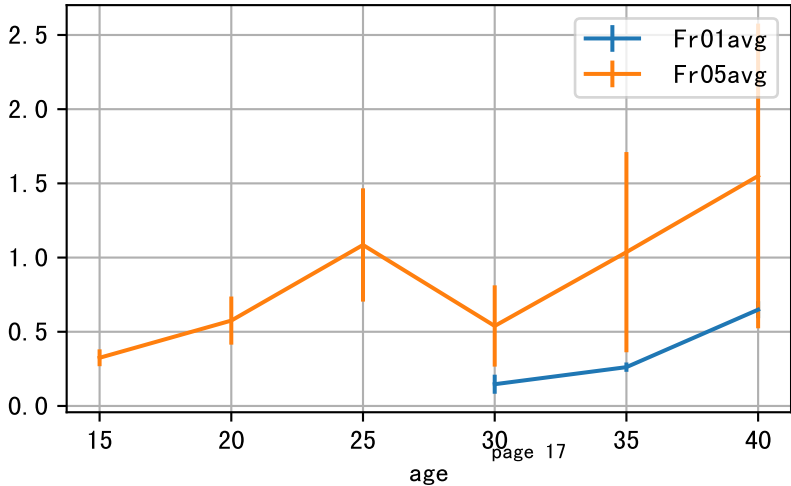
dStH: sfDem





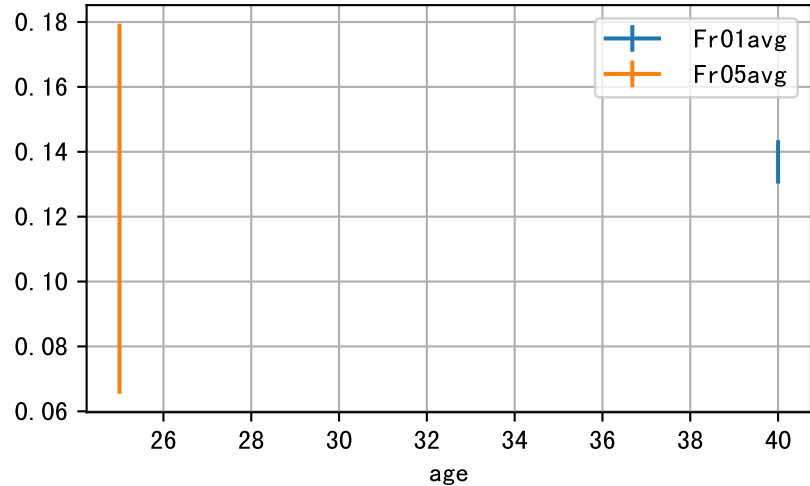
FrV: Fr01 vs Fr05 at each truss

organID=T01



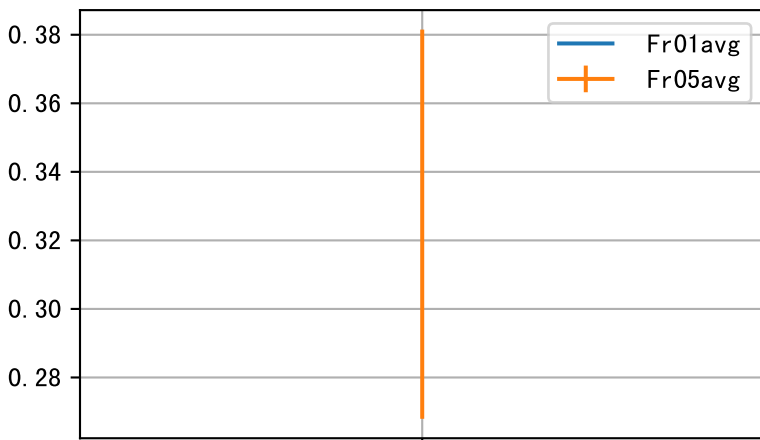
page 17

organID=T02

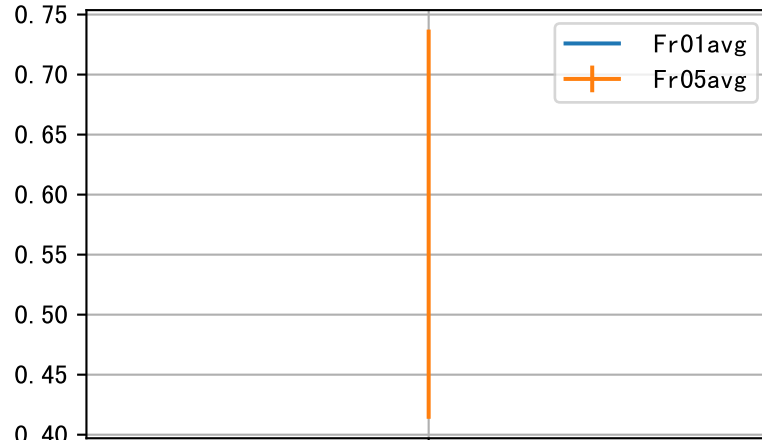


FrV trend at each age

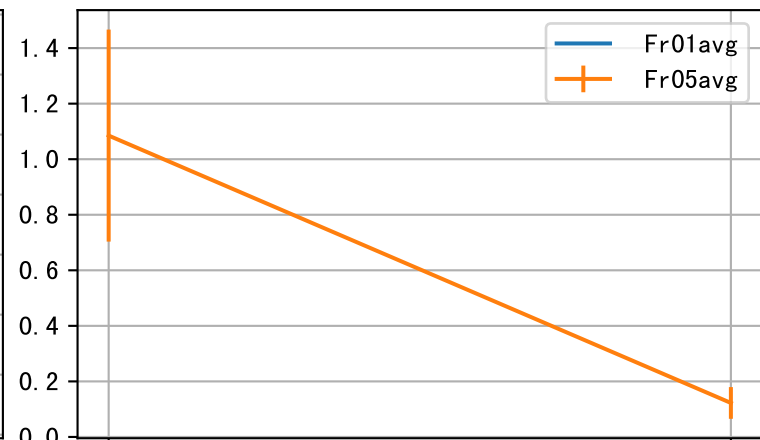
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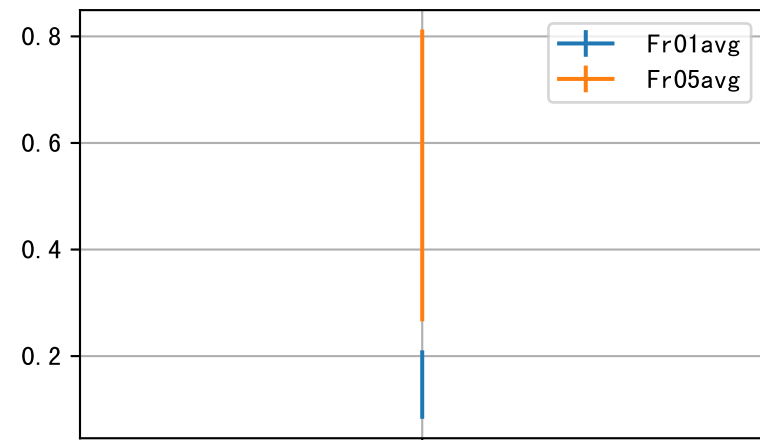
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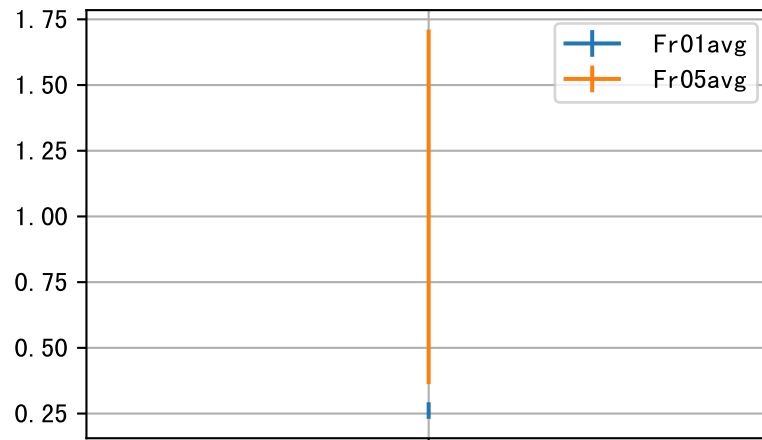
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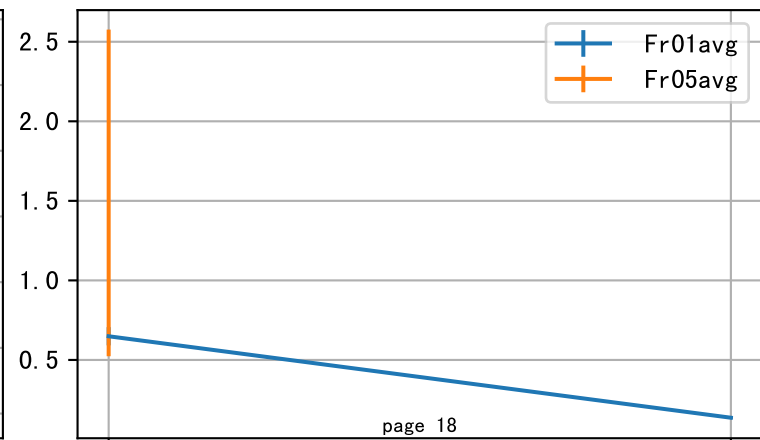
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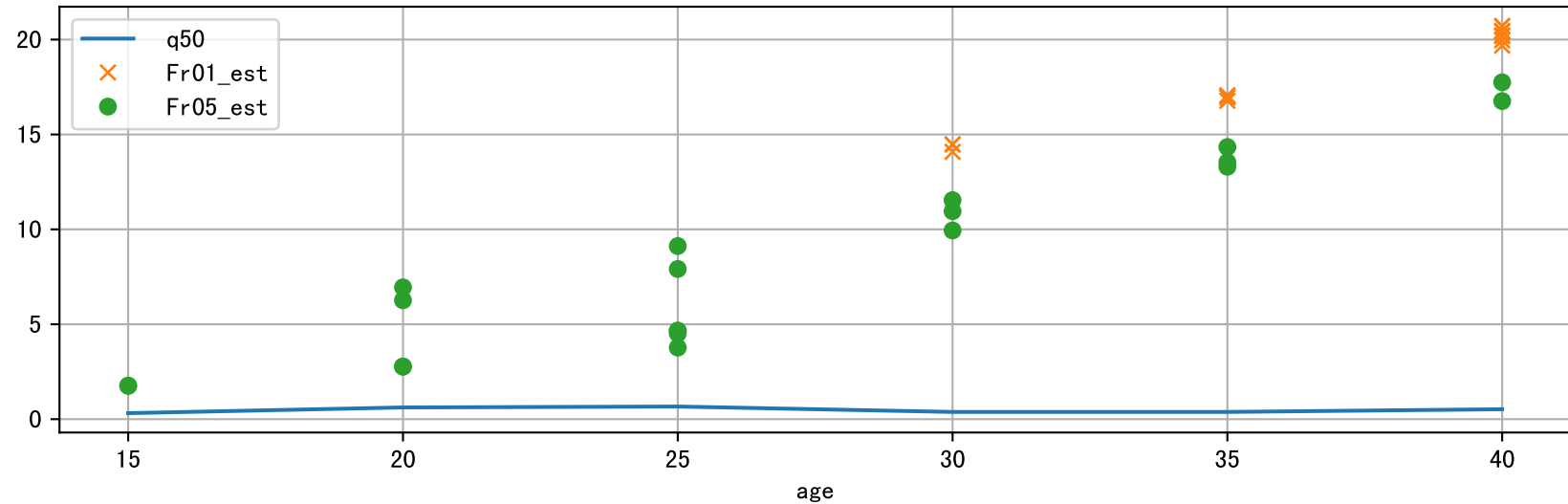
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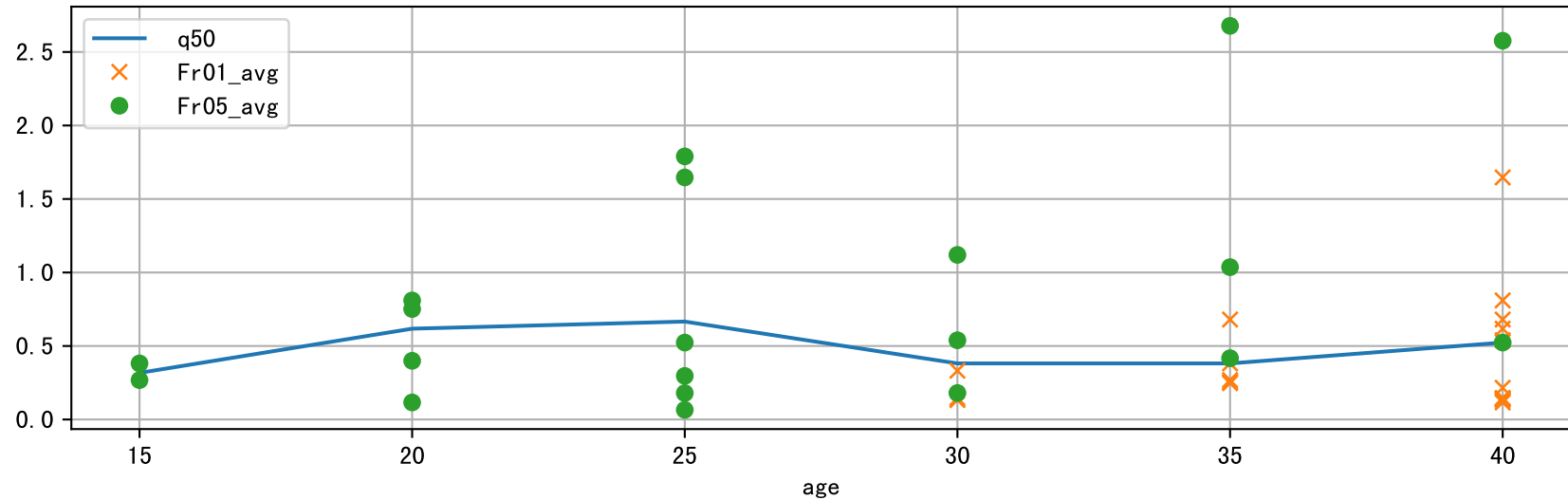
age=40



FrV: model Est vs obsFrV at Q90

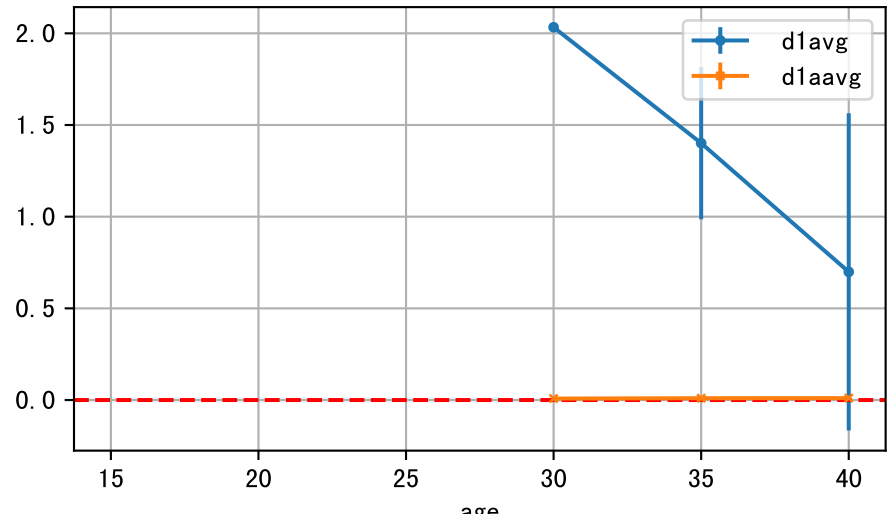


FrV: obsFrV vs obsFrV@Q90

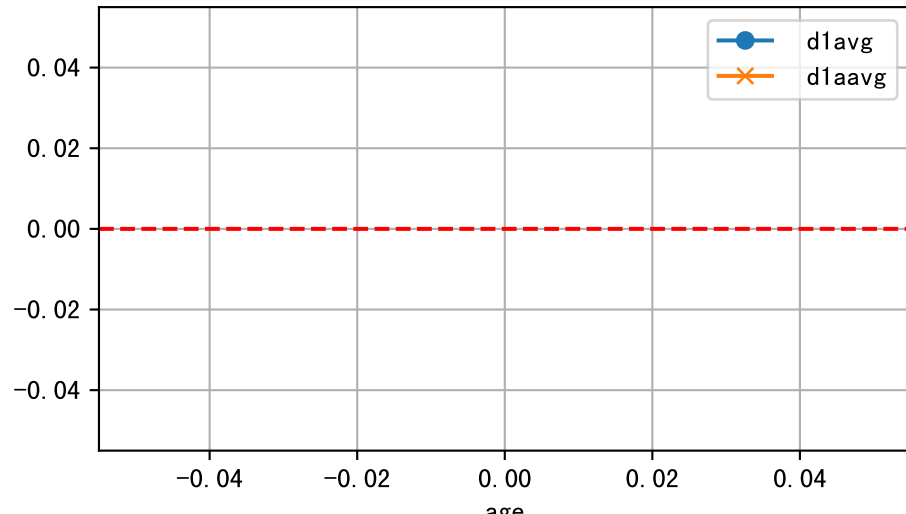


FrV: D_Fr1_FrV

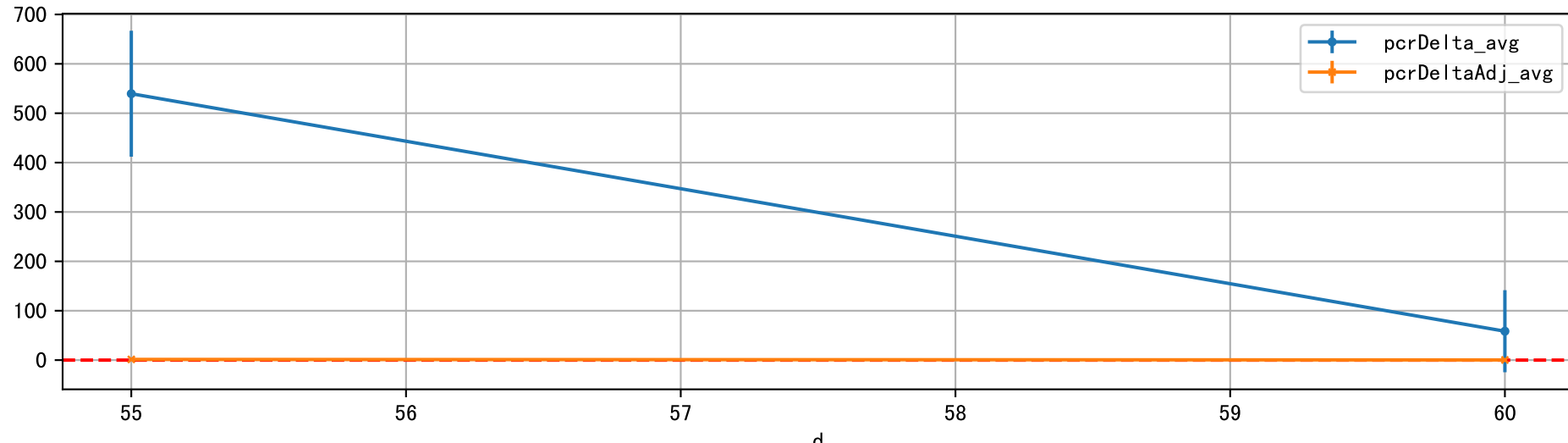
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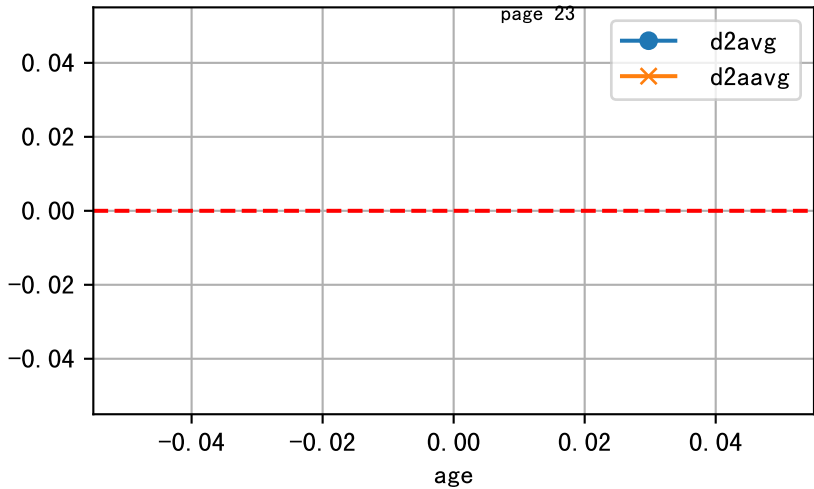
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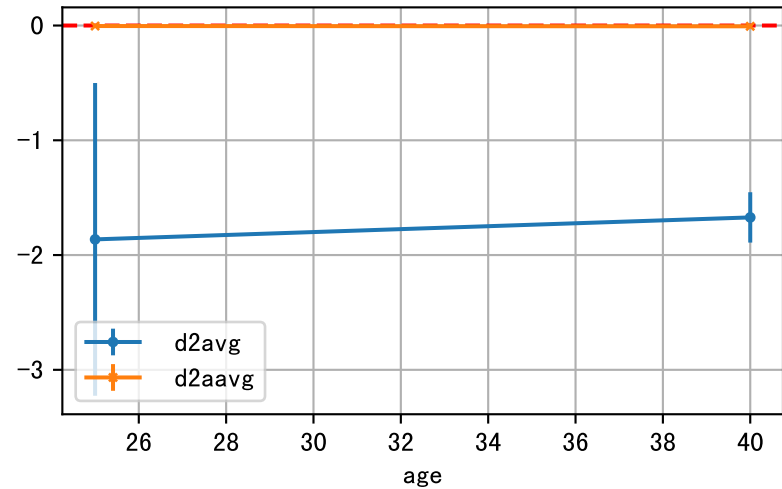
P10AW FrV: D_Fr1_FrV



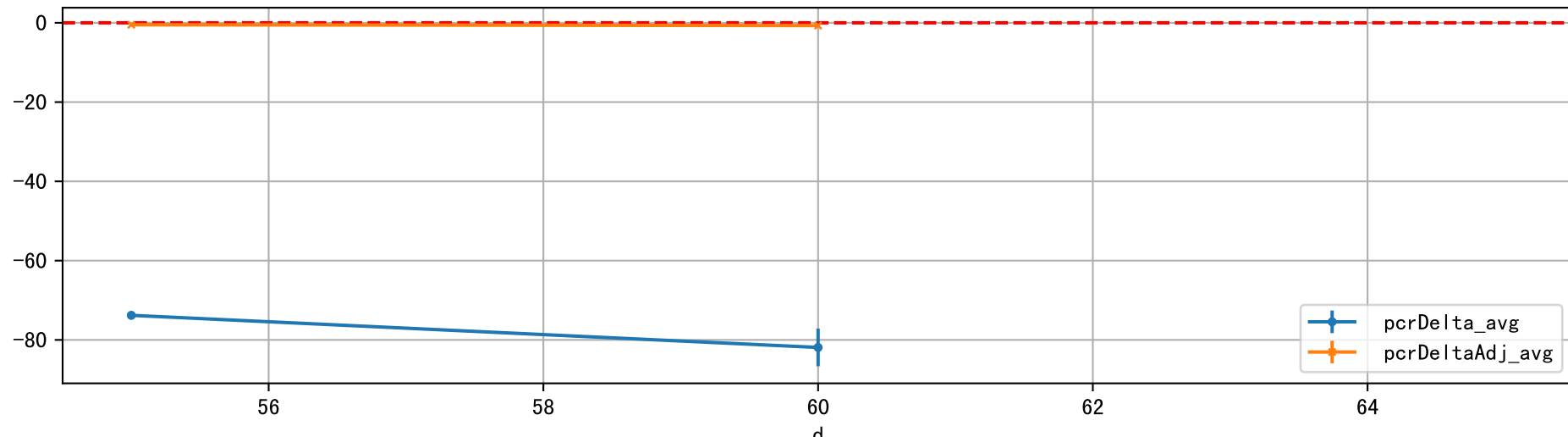
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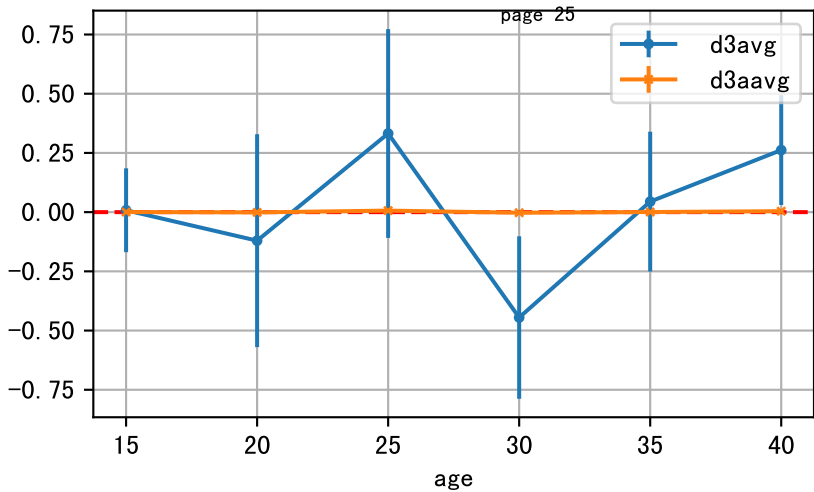
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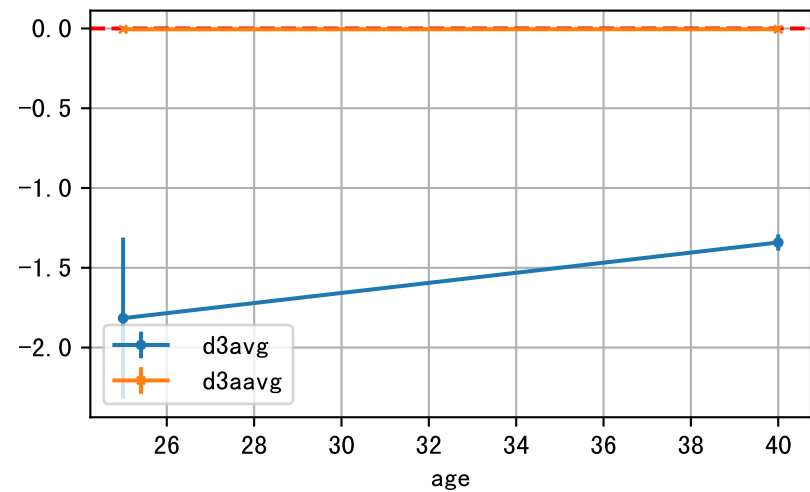
P10AW FrV: D_Ts_FrV



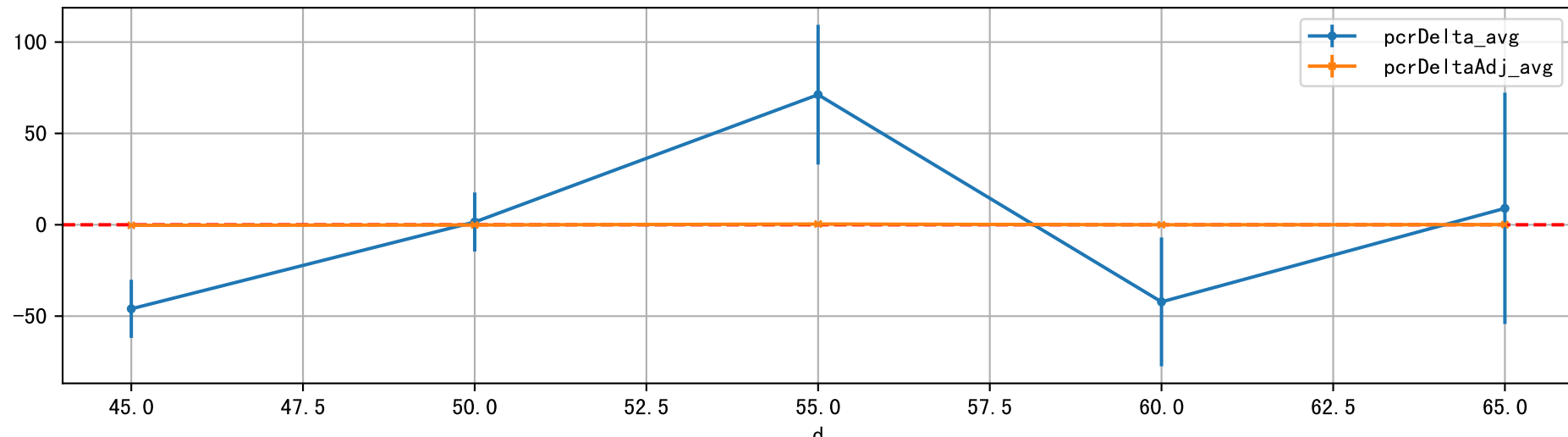
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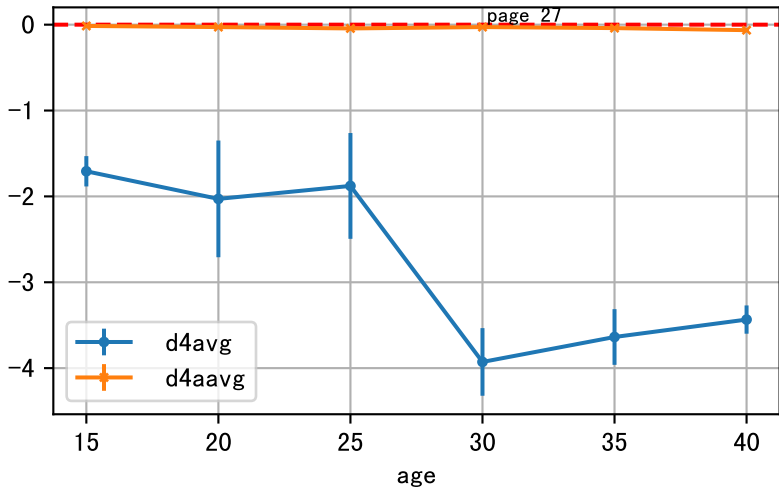
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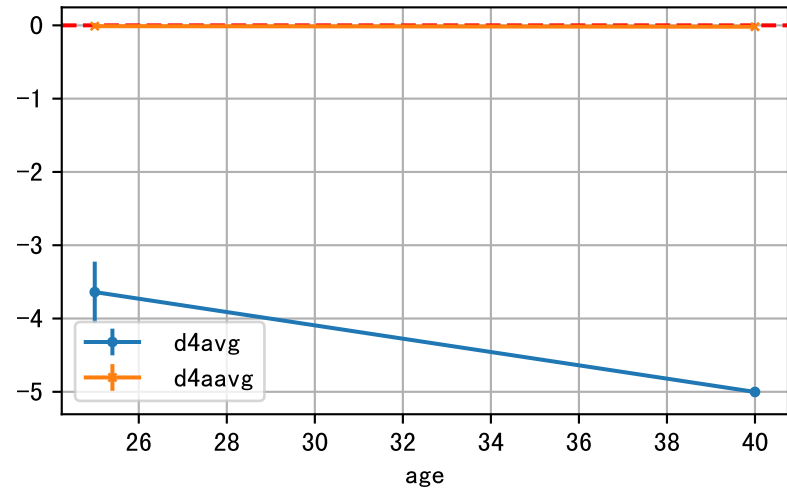
P10AW FrV: D_Q50_FrV



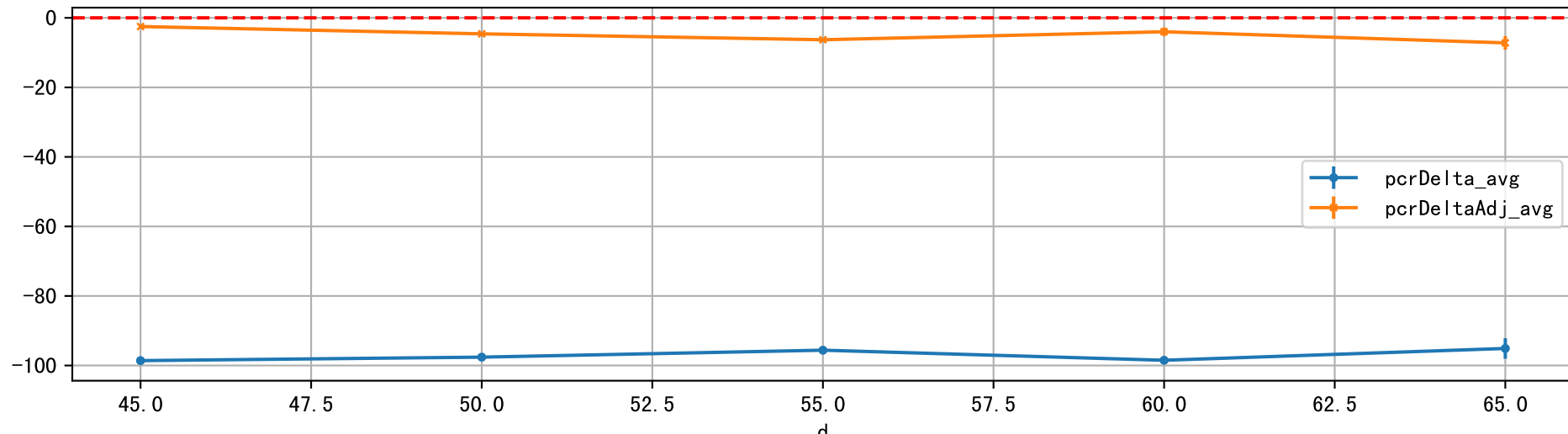
organID=1



organID=2



P10AW FrV: D_Est_FrV



P10AW FrV: sfDem

