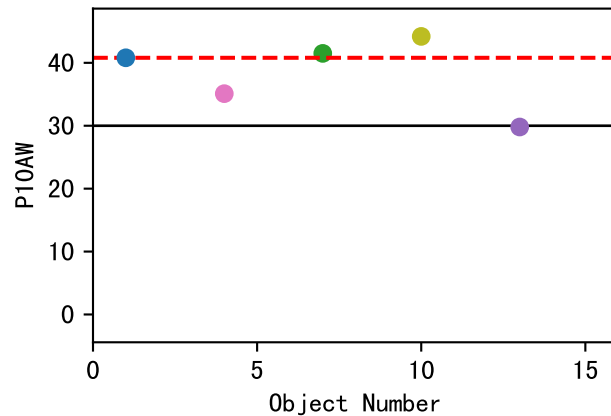


Phenotype Data Analysis Plots
PhenoData day range = 18 - 50
Analysis cutoff day = 50
NC11 P10
2025-12-09 (Day 52)

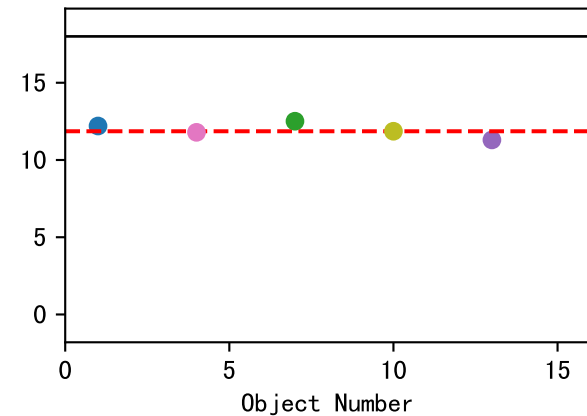
avg1=0.00% avg2=na
P10AW Truss



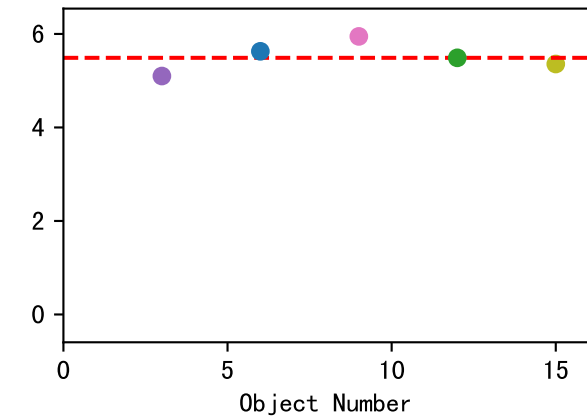
LTW_Q90AbsY (Def=30 Set=40.8)
avg1=40.8~14% avg2=na



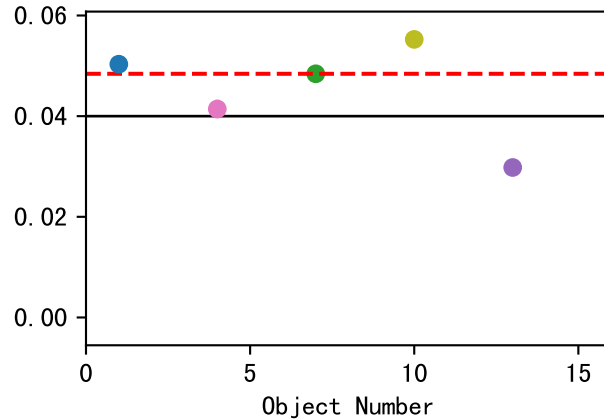
NdD_Q90AbsY (Def=18 Set=11.80)
avg1=11.80~4% avg2=na



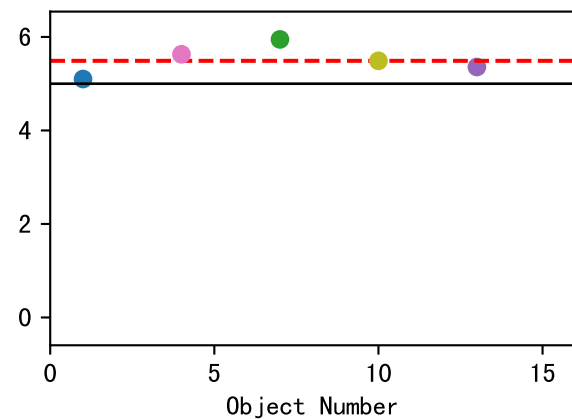
NdL_avgAbsY (Def=na Set=5.49)
avg1=5.49~6% avg2=na



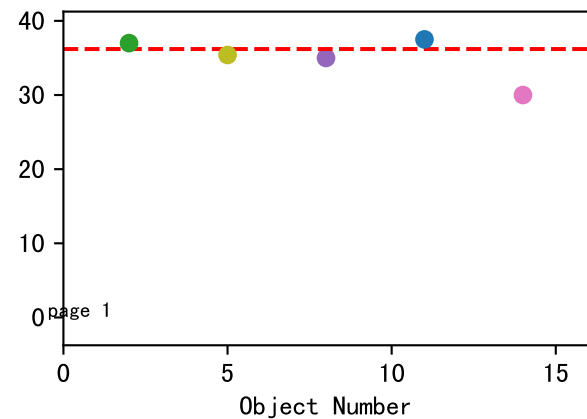
LfA_Q90AbsY (Def=0.04 Set=0.05)
avg1=0.05~20% avg2=na



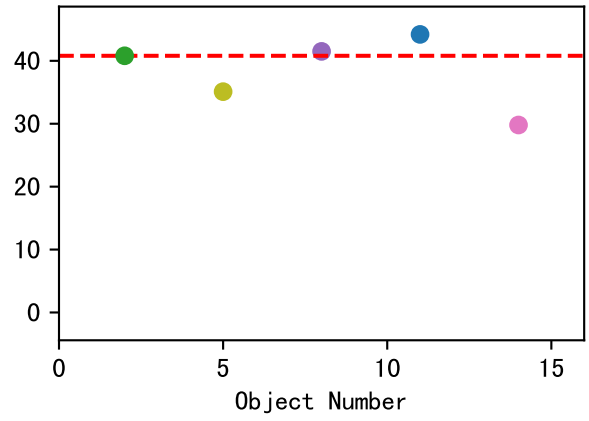
NdL_Q90AbsY (Def=5 Set=5.49)
avg1=5.49~6% avg2=na



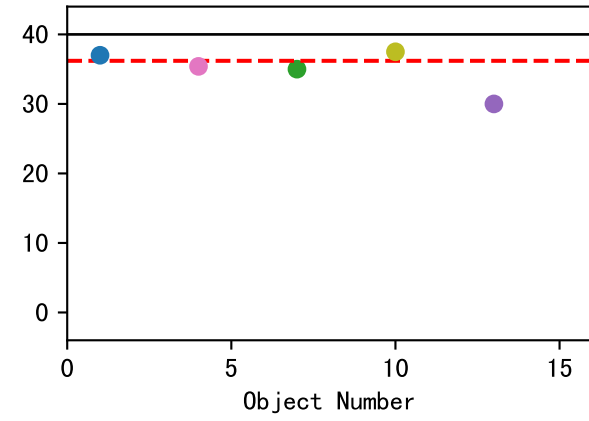
LfL_avgAbsY (Def=na Set=36.2)
avg1=36.2~3% avg2=na



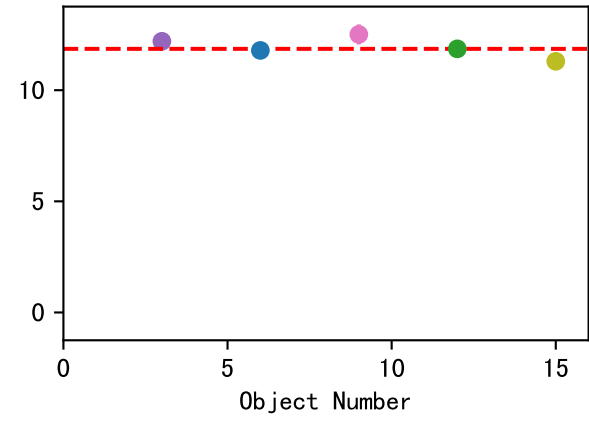
LTW_avgAbsY (Def=na Set=40.8)
avg1=40.8~14% avg2=na



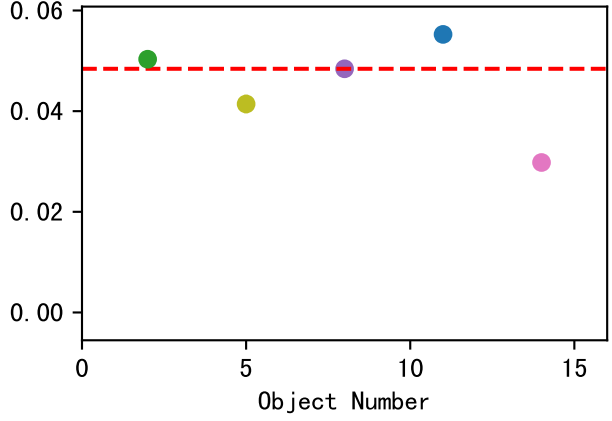
LTL_Q90AbsY (Def=40 Set=30.2)
avg1=30.2~3% avg2=na



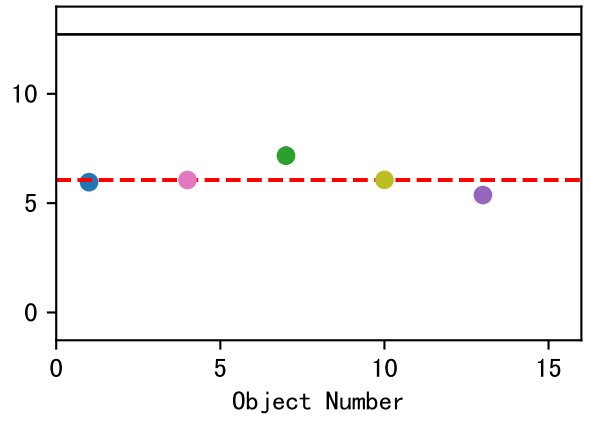
NdV_avgAbsY (Def=na Set=11.86)
avg1=11.86~4% avg2=na



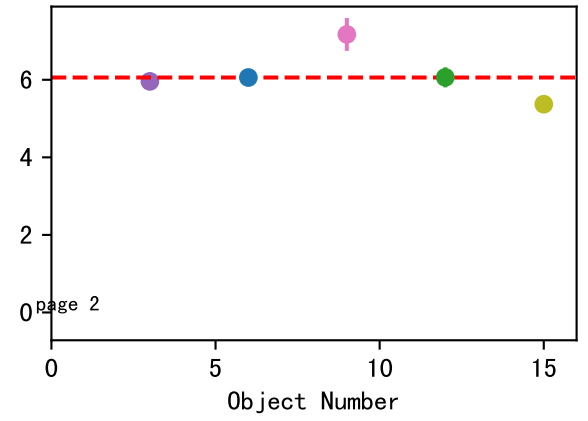
LfA_avgAbsY (Def=na Set=0.05)
avg1=0.05~20% avg2=na



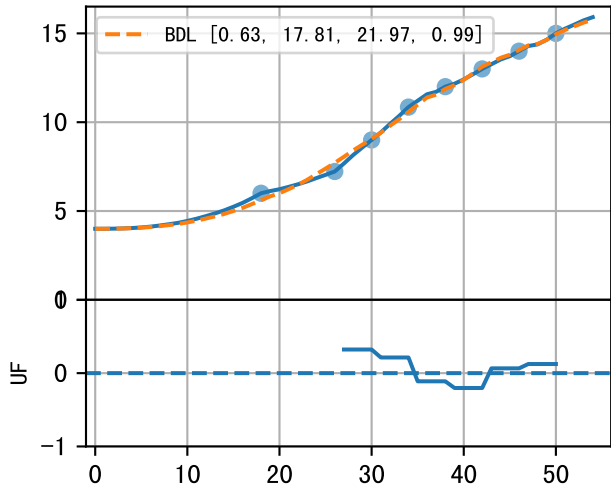
NdV_Q90AbsY (Def=12.72 Set=12.72)
avg1=6.06~1% avg2=na



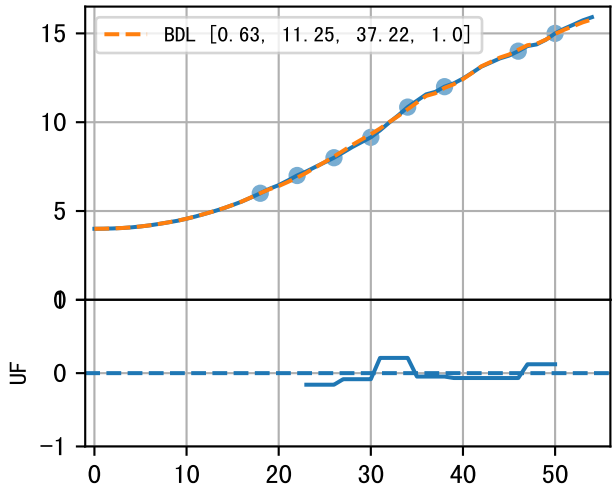
NdV_avgAbsY (Def=na Set=na)
avg1=6.06~1% avg2=na



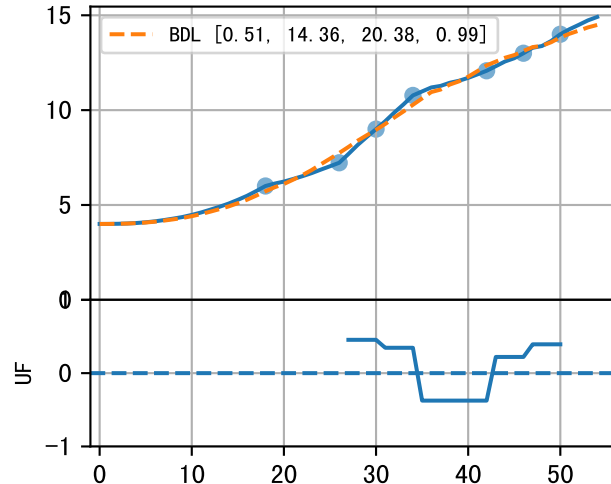
P10AW-004-12 (fit failed)



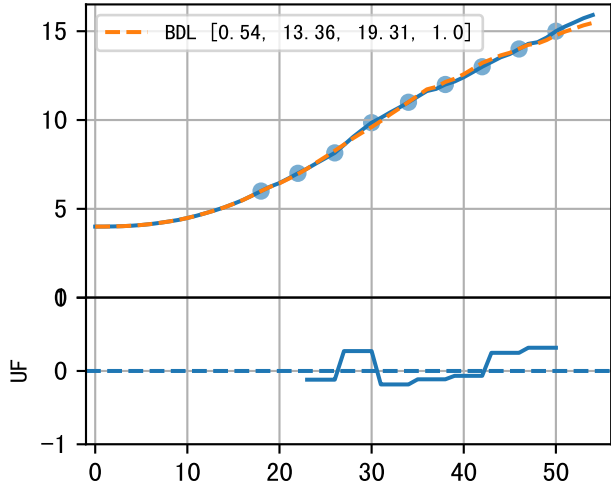
P10AW-010-25 (fit failed)



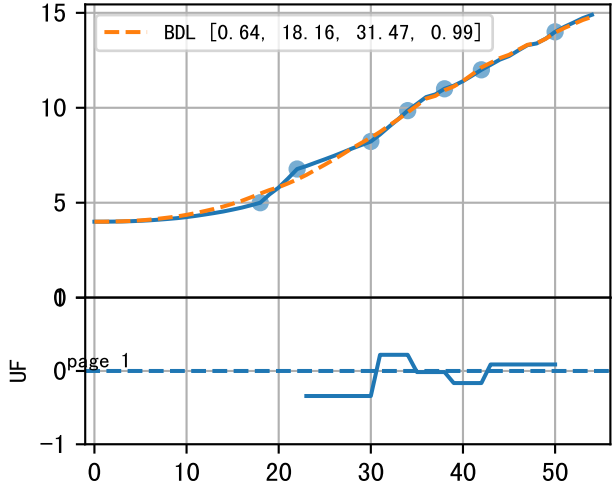
P10AW-017-16 (fit failed)



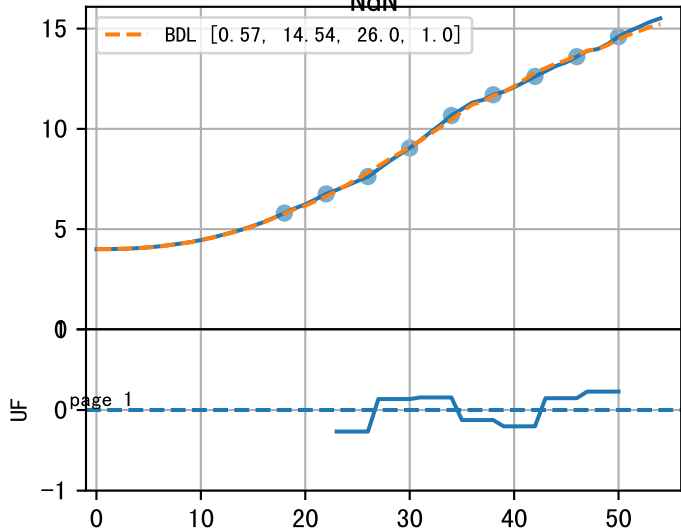
P10AW-025-3 (fit failed)



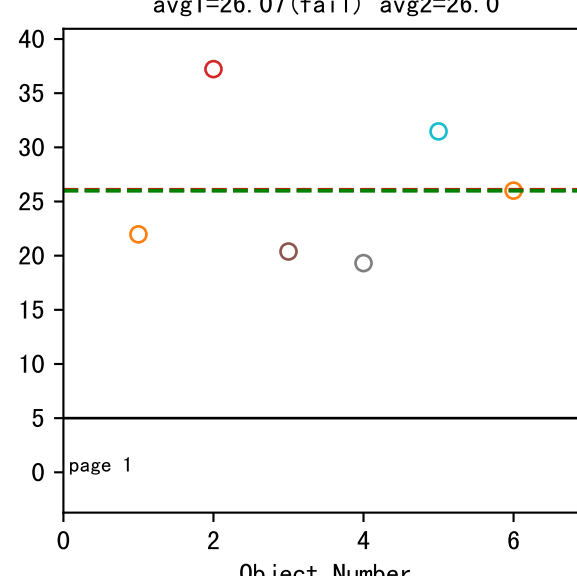
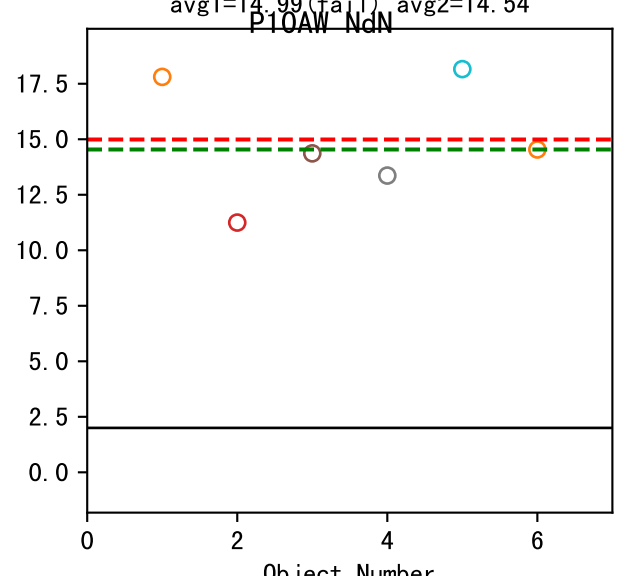
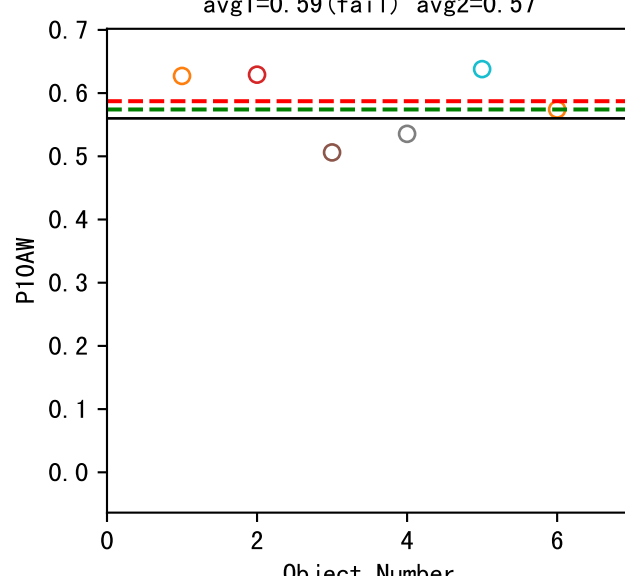
P10AW-032-33 (fit failed)

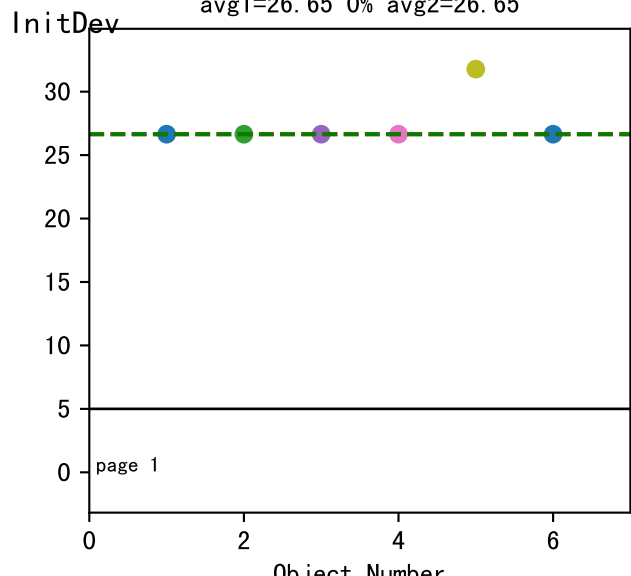
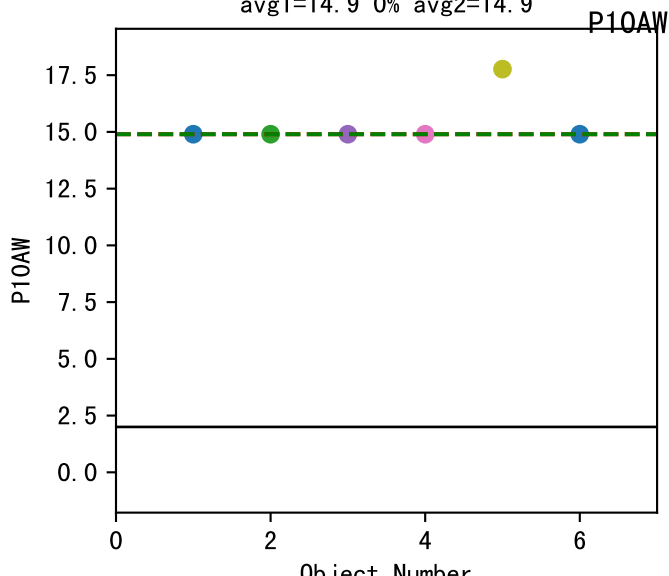


PIOWavg (fit failed)
NdN

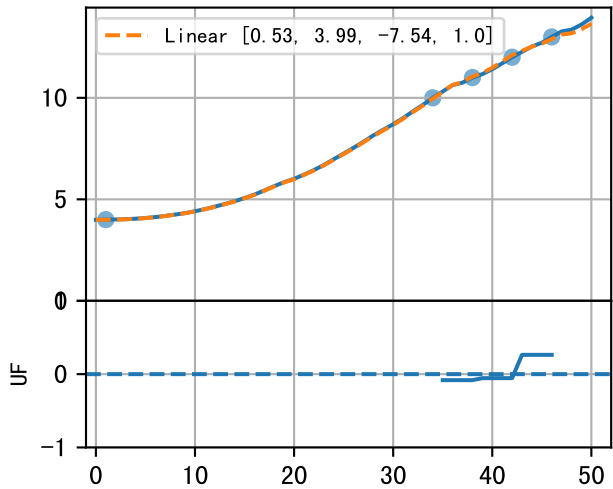


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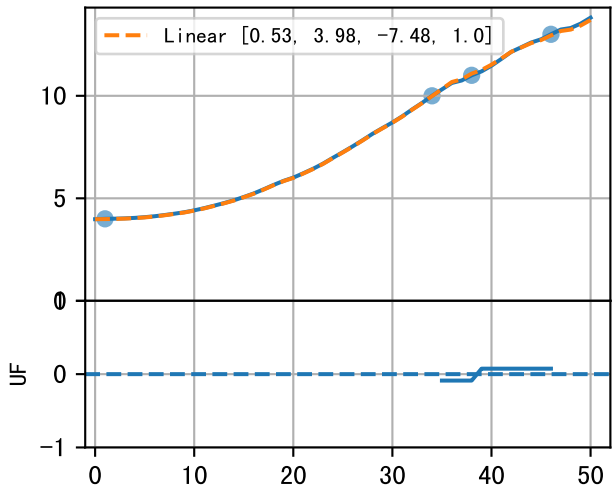




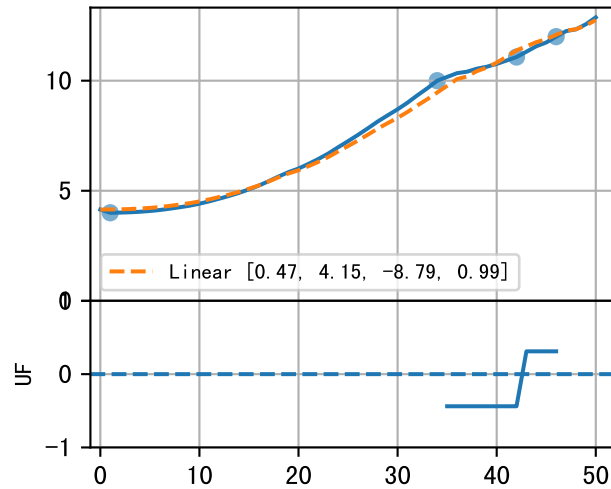
P10AW-004-12



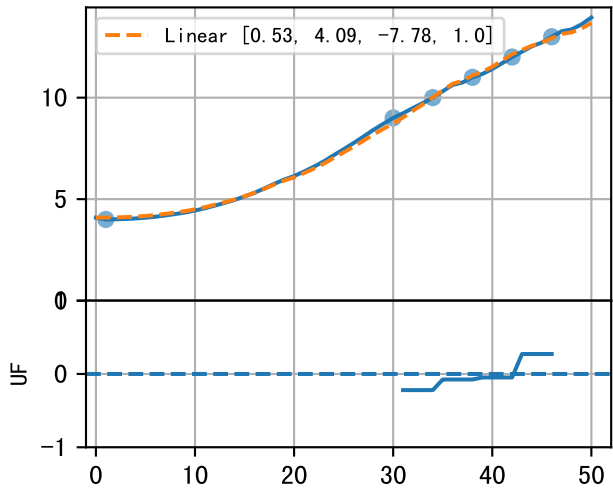
P10AW-010-25



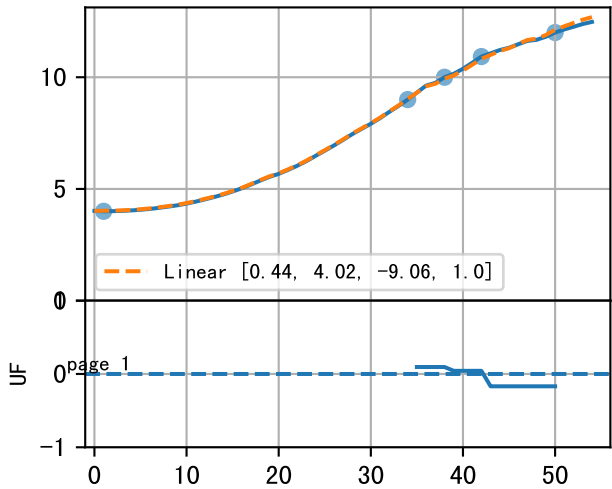
P10AW-017-16



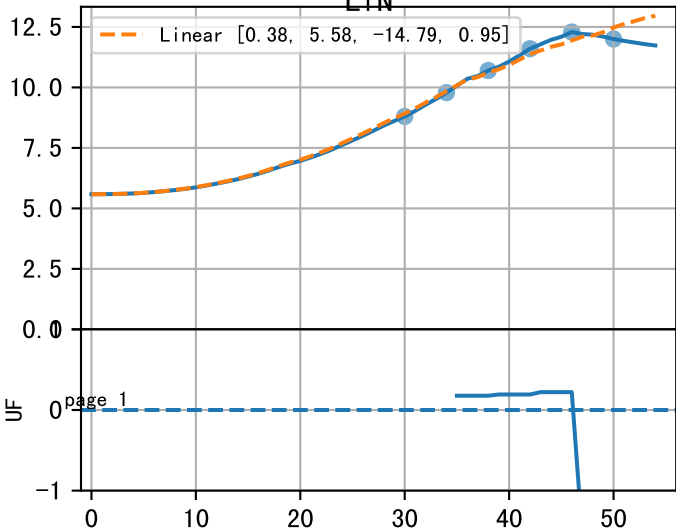
P10AW-025-3



P10AW-032-33

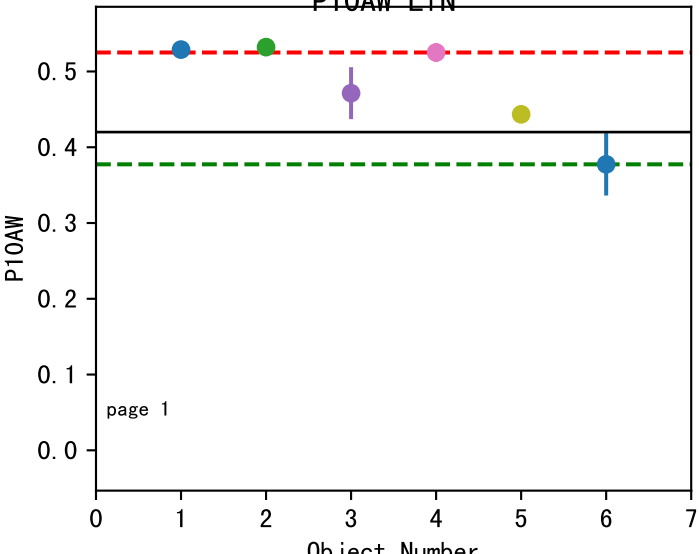


PTUavg
Lfn

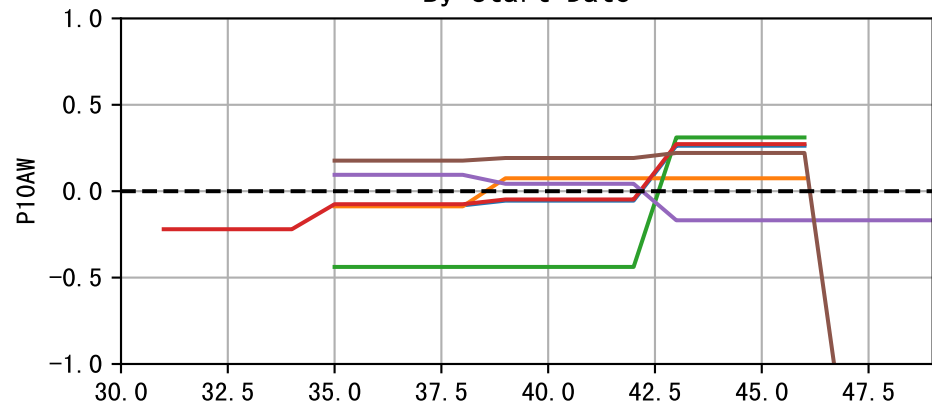


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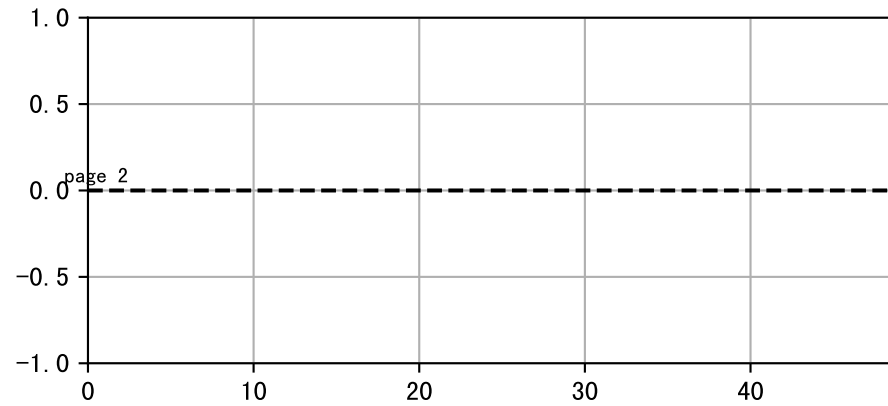
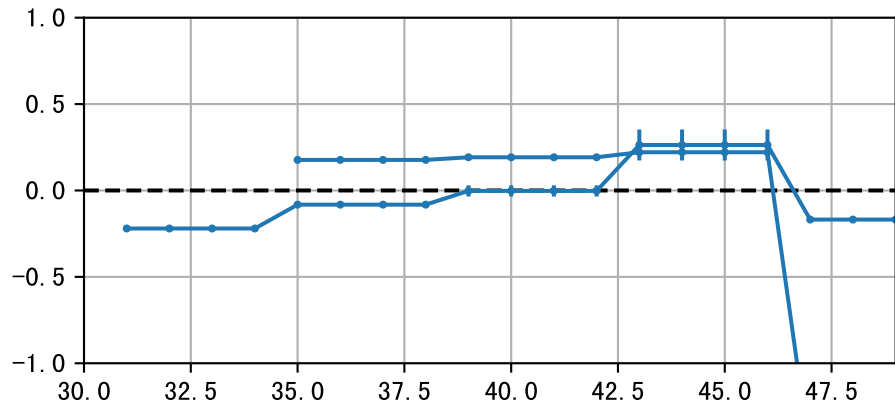
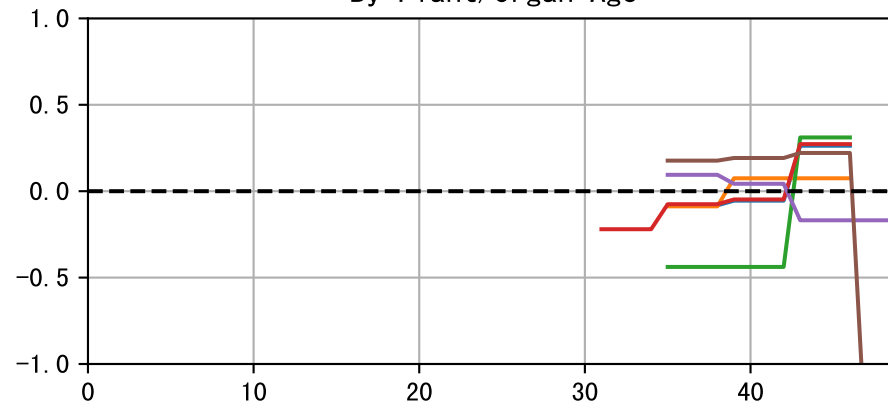
P10AW LFN
avg1=0.53 8% avg2=0.38 24%



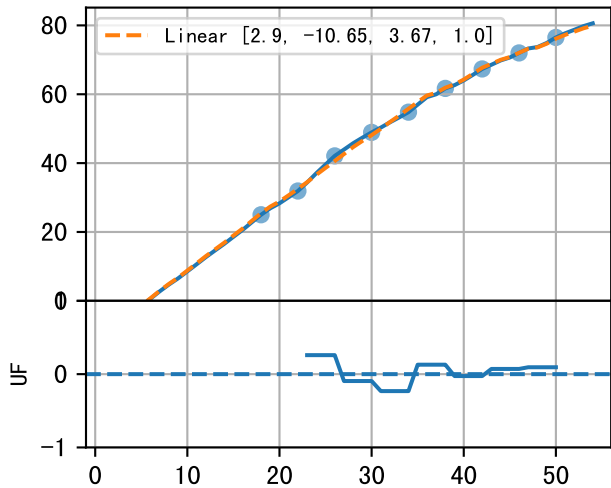
By Start Date



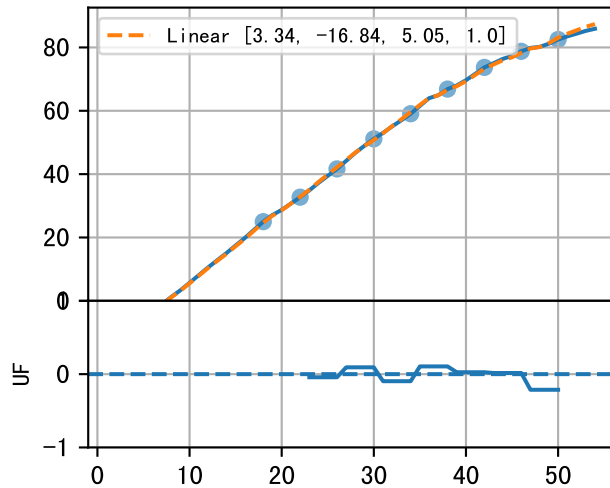
By Plant/Organ Age



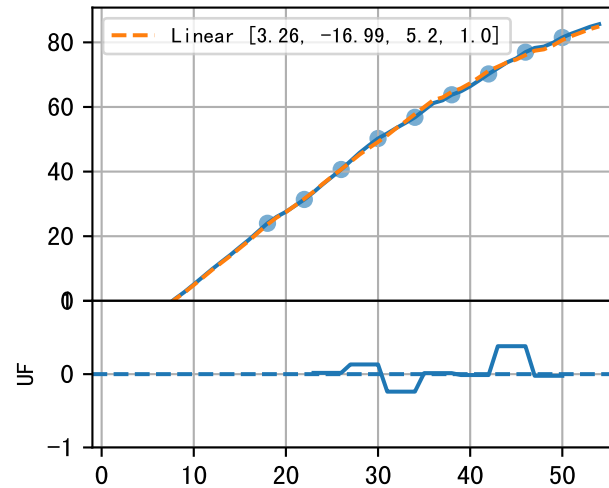
P10AW-004-12



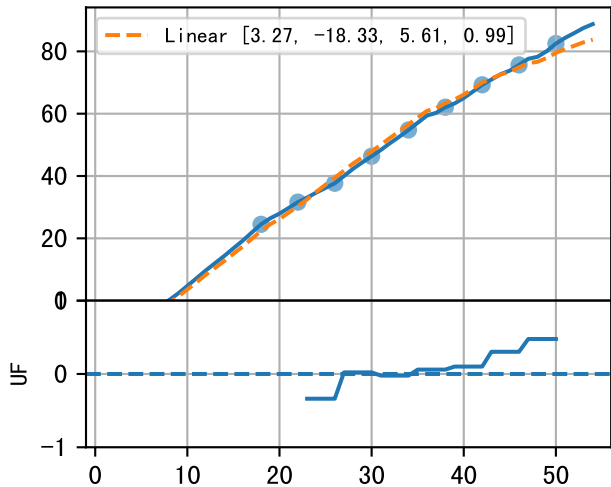
P10AW-010-25



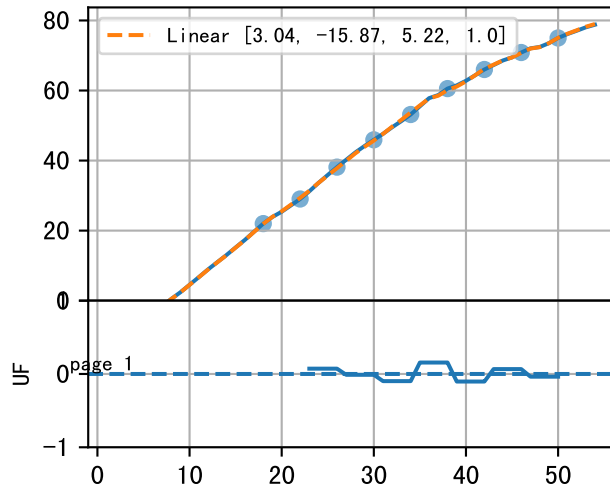
P10AW-017-16

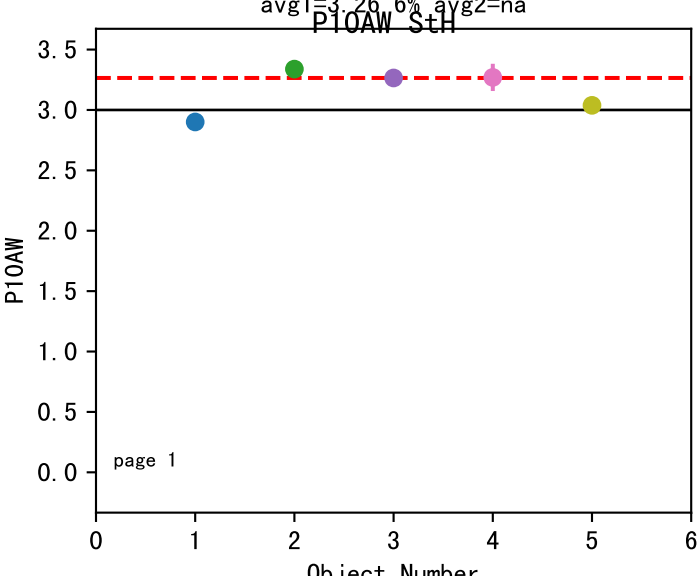


P10AW-025-3

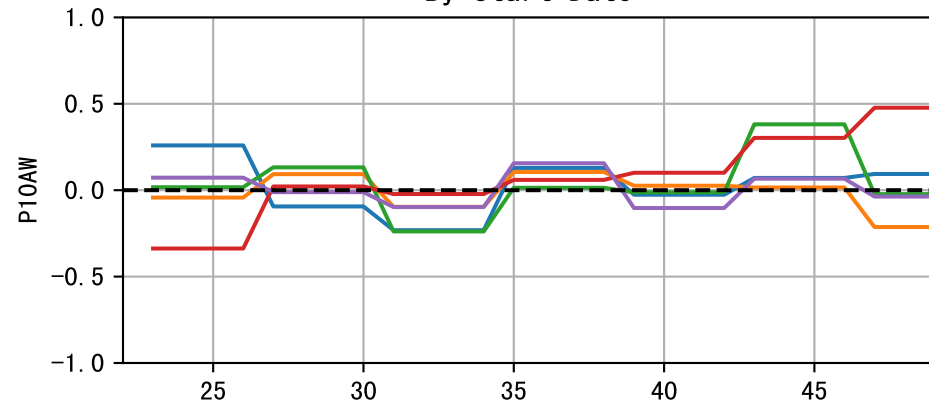


P10AW-032-33

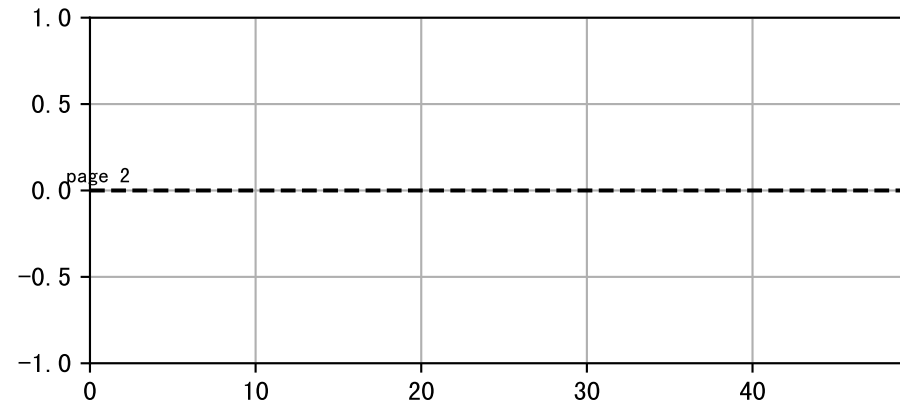
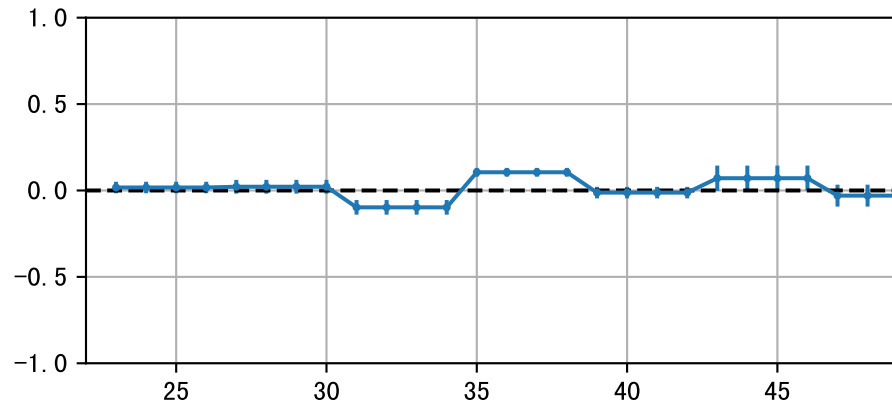
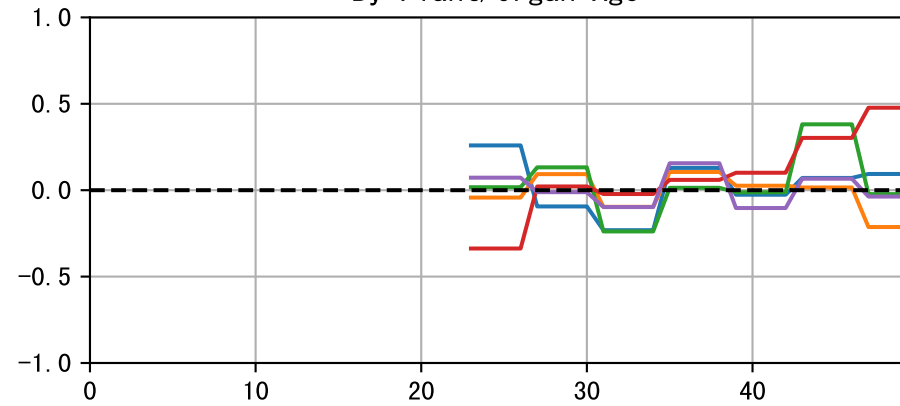




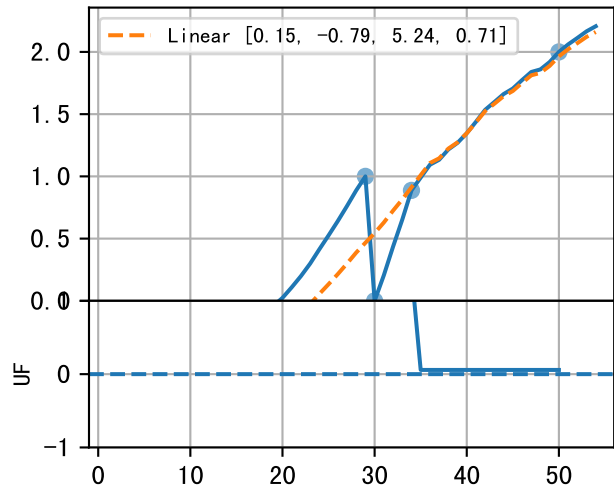
By Start Date



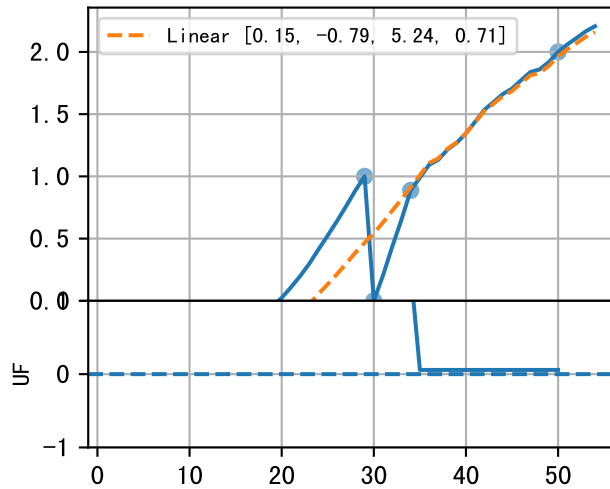
By Plant/Organ Age



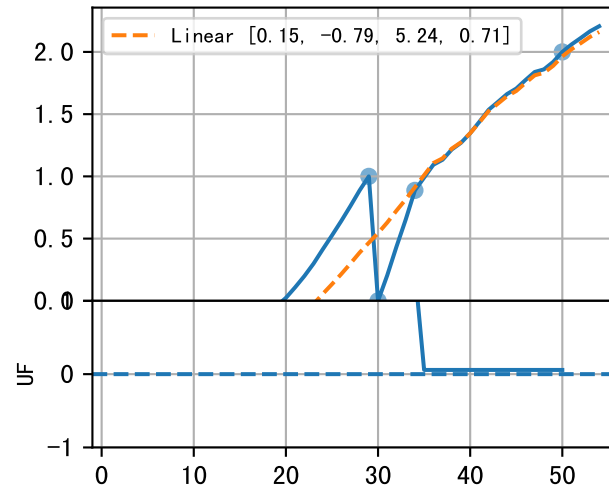
P10AW-004-12



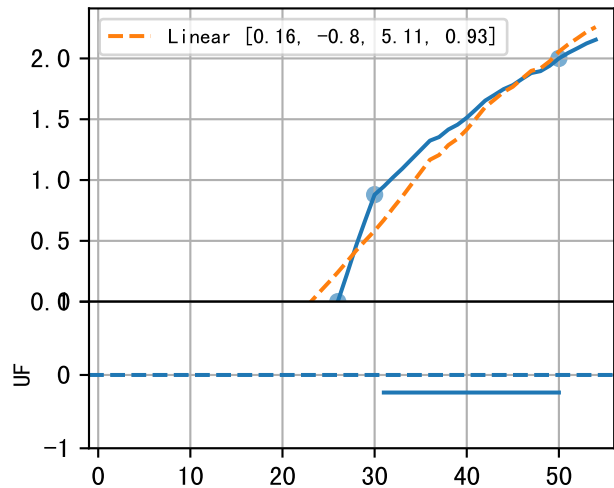
P10AW-010-25



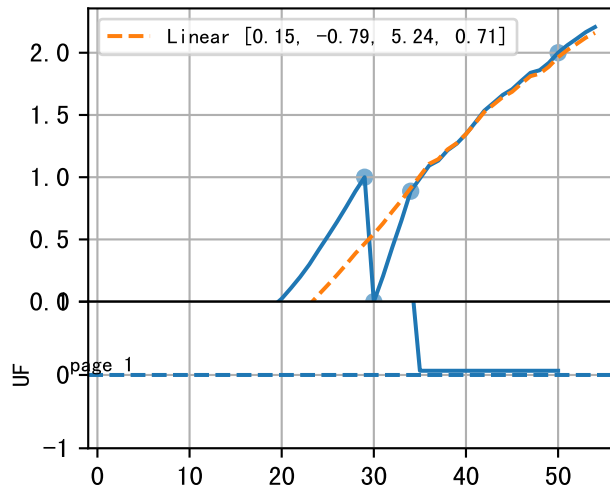
P10AW-017-16



P10AW-025-3



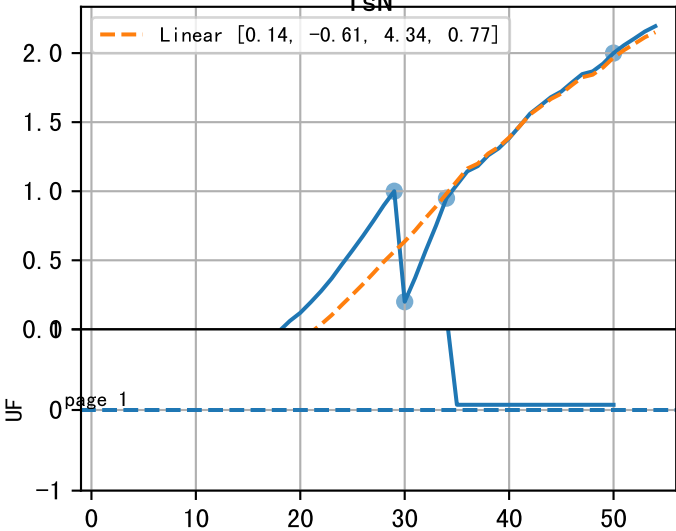
P10AW-032-33



PTQWavg

TsN

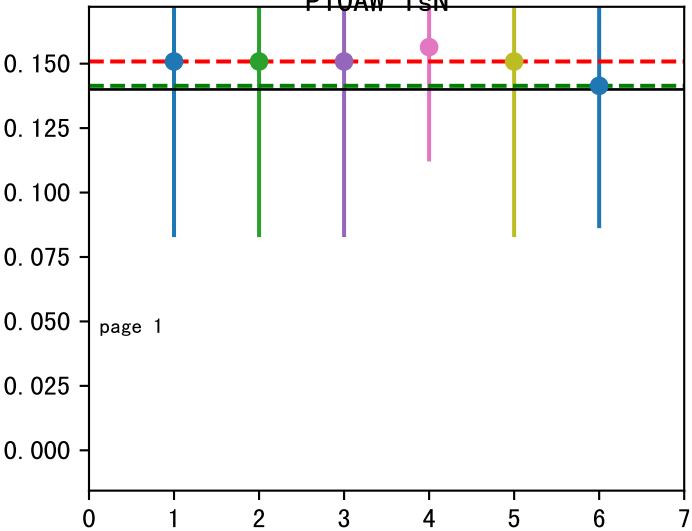
Linear [0.14, -0.61, 4.34, 0.77]



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avg1=0.15 0% avg2=0.14 87%

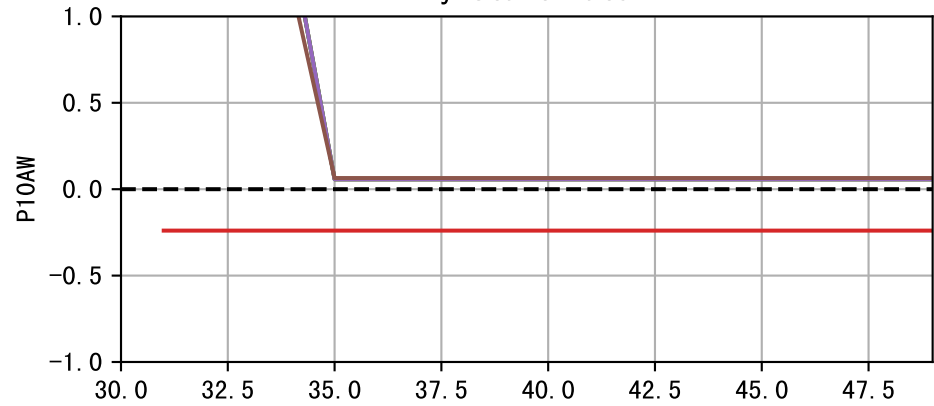
P10AW TSN



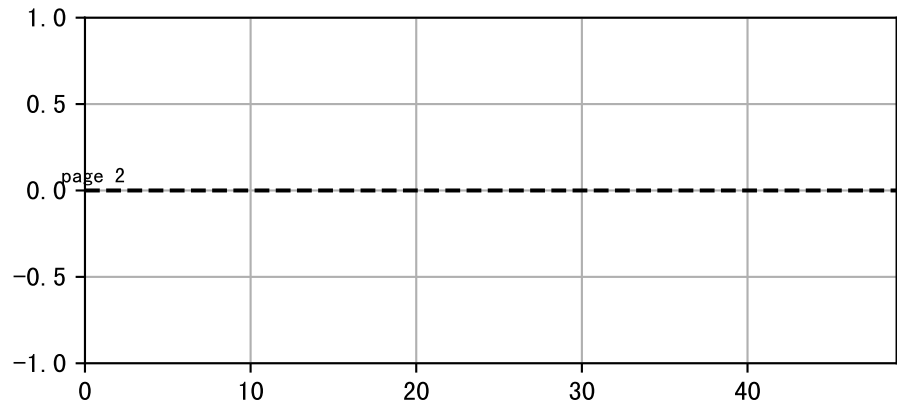
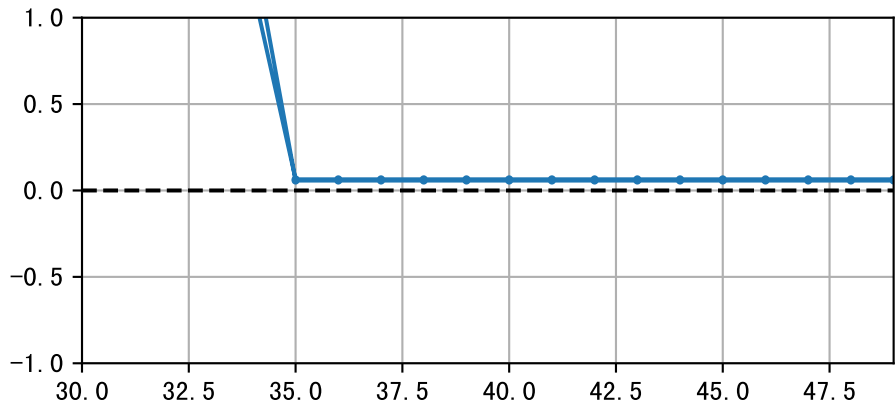
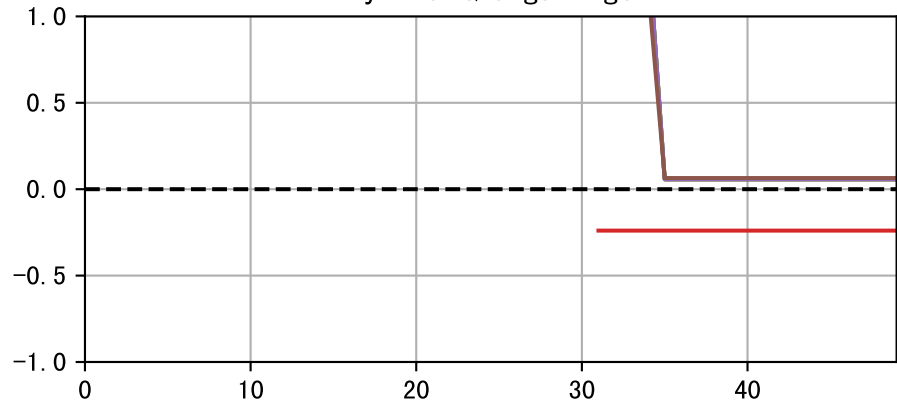
page 1

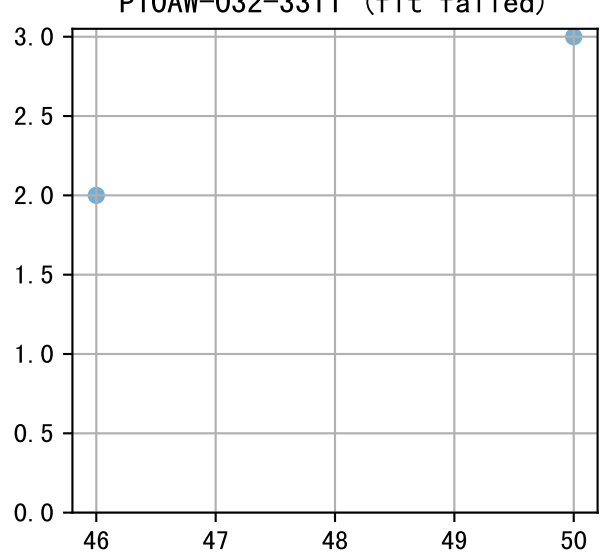
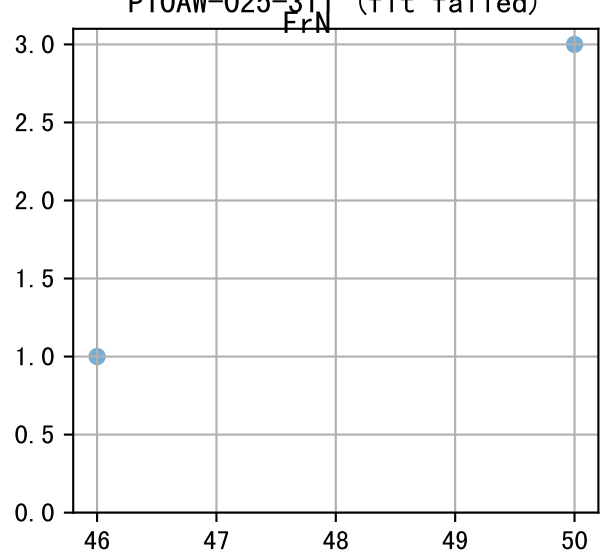
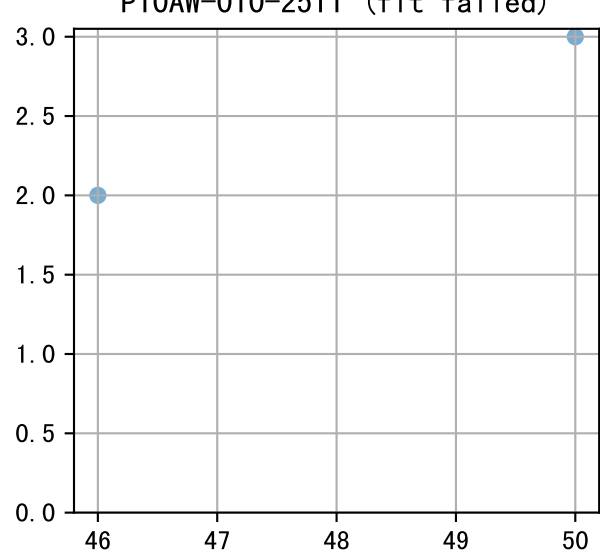
Object Number

By Start Date

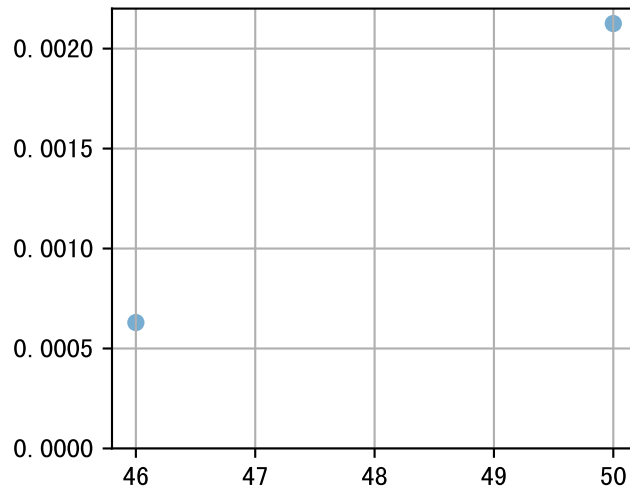


By Plant/Organ Age

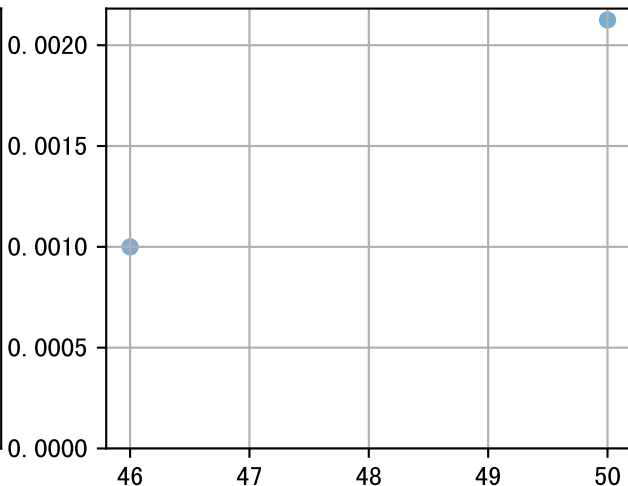




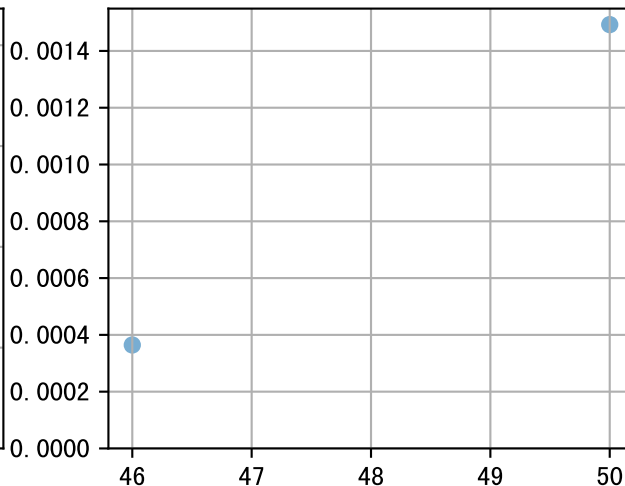
P10AW-010-25T1Fr1 (fit failed)



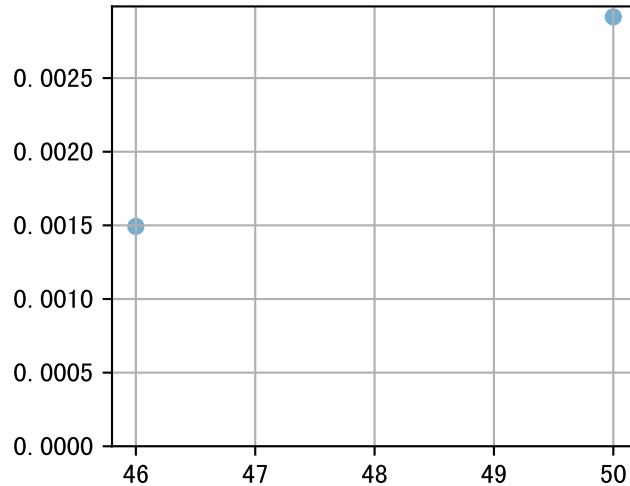
P10AW-017-16T1Fr1 (fit failed)



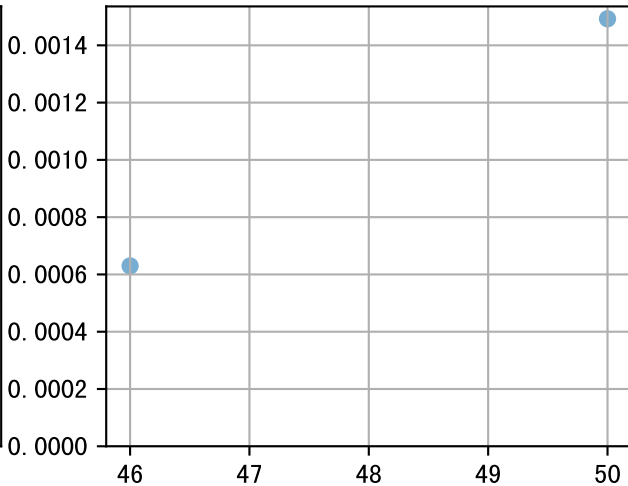
P10AW-017-16T1Fr5 (fit failed)



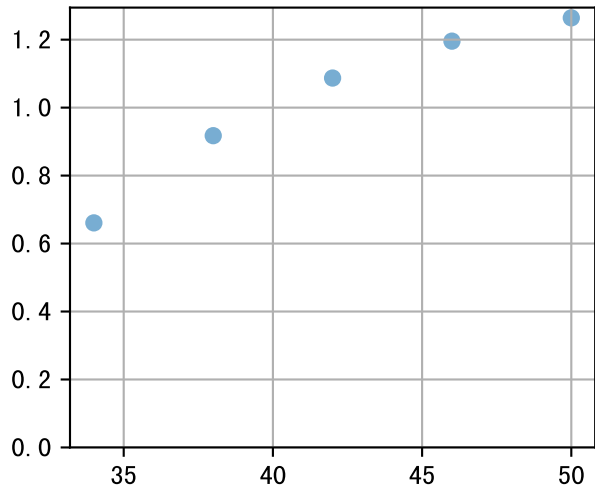
P10AW-025-3T1Fr1 (fit failed)



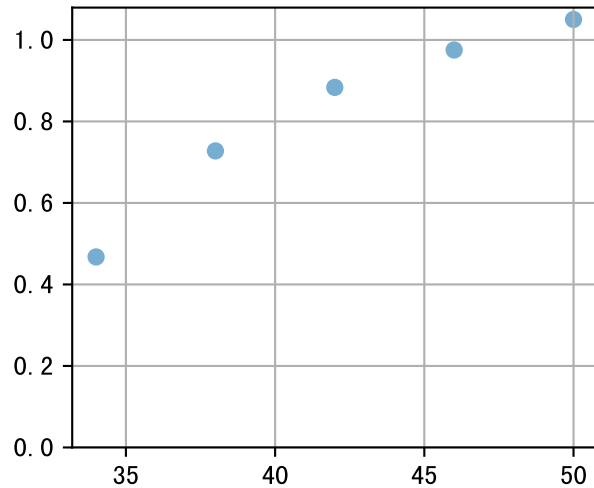
P10AW-032-33T1Fr1 (fit failed)



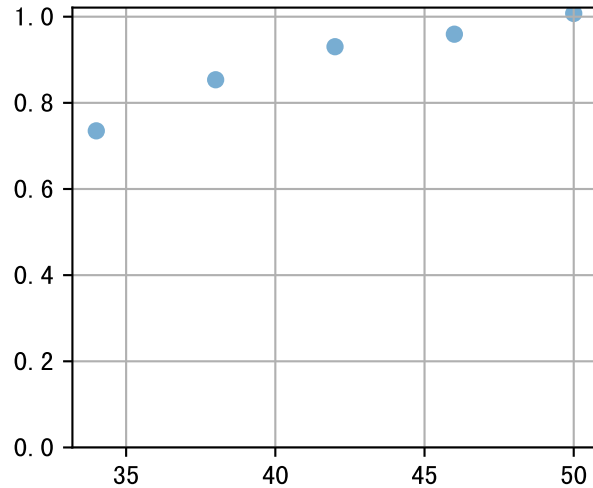
P10AW-004-12L7 (fit failed)



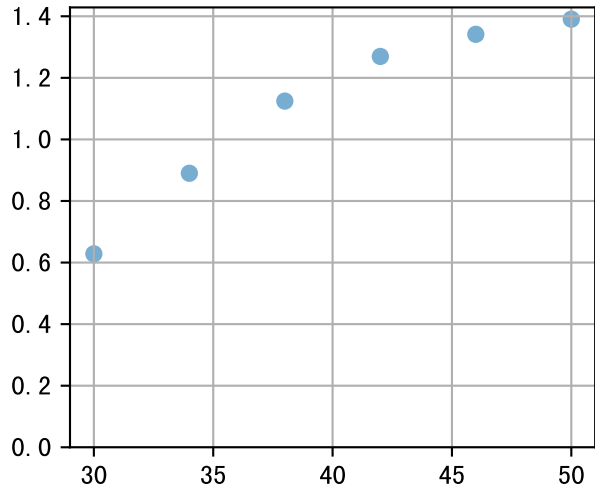
P10AW-010-25A7 (fit failed)



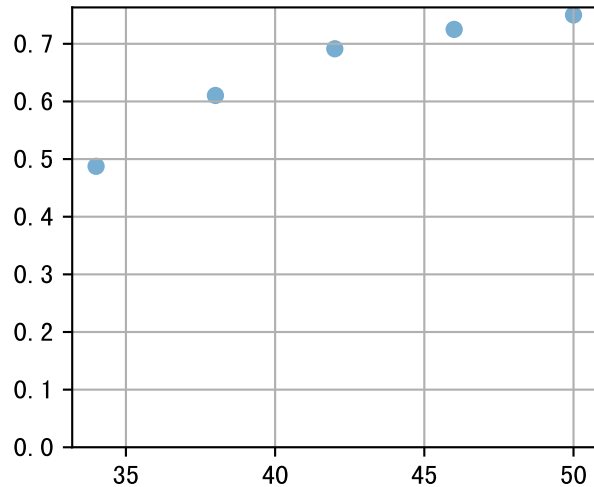
P10AW-017-16L6 (fit failed)

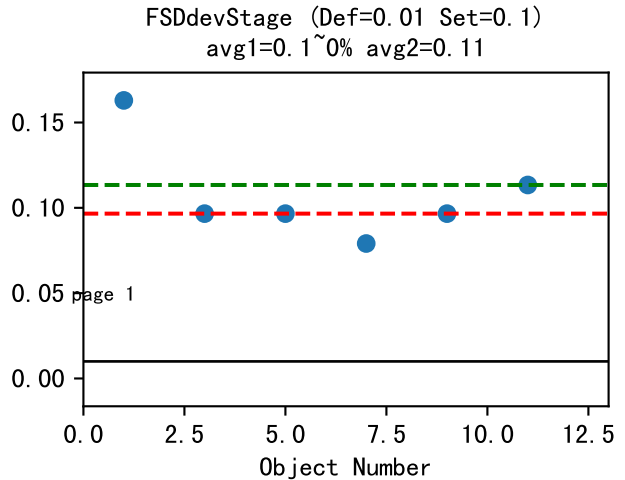
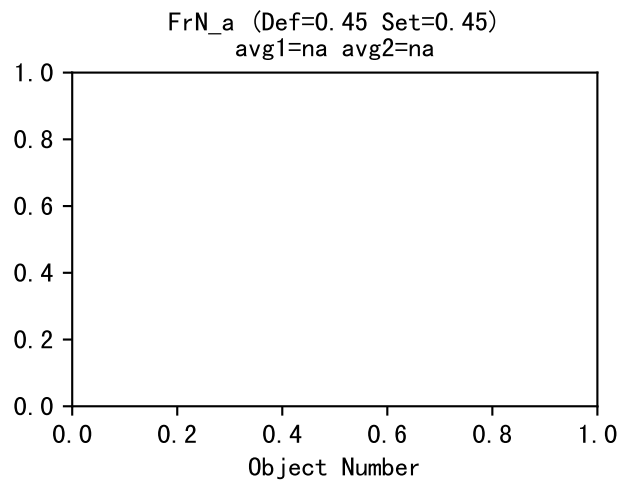
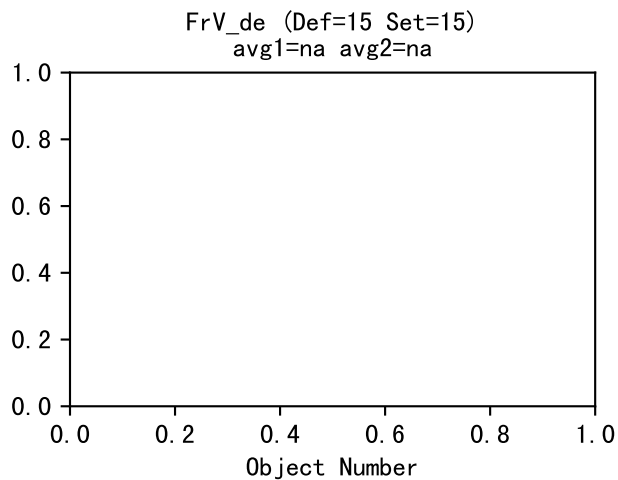
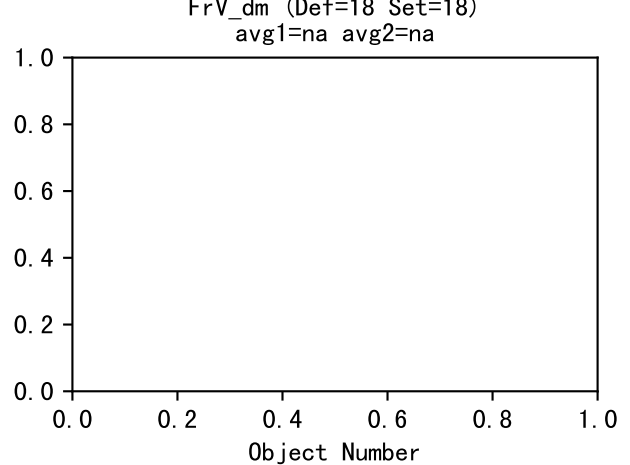
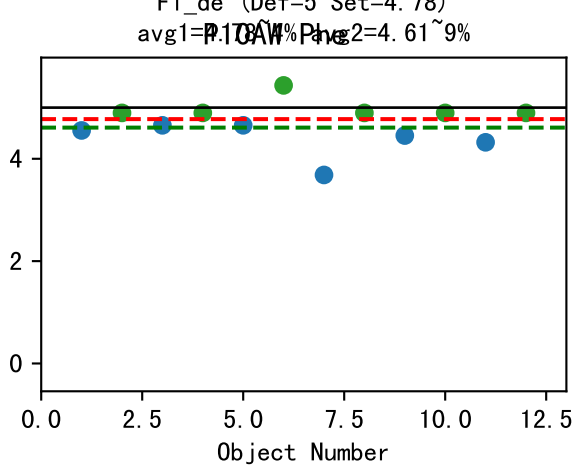
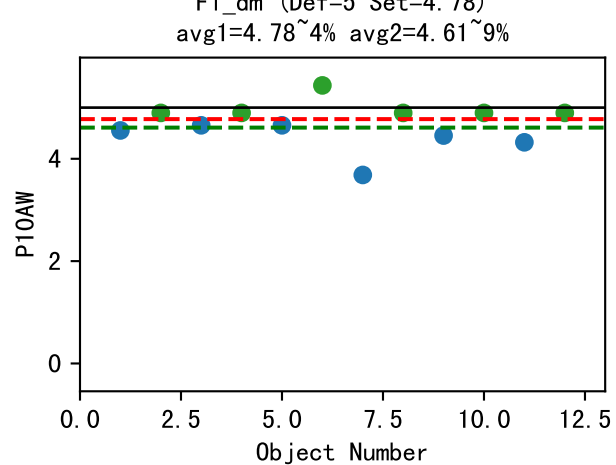


P10AW-025-3L7 (fit failed)

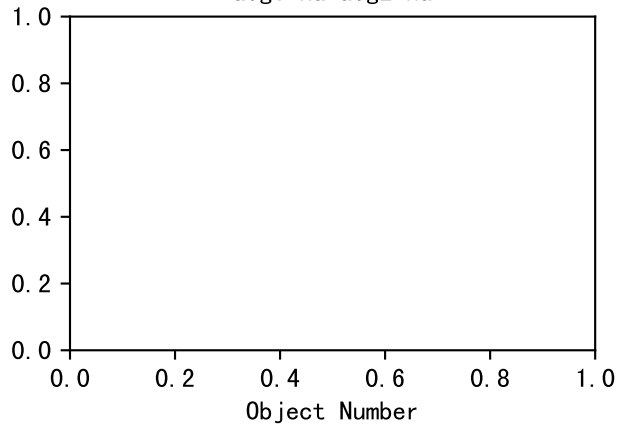


P10AW-032-33L7 (fit failed)

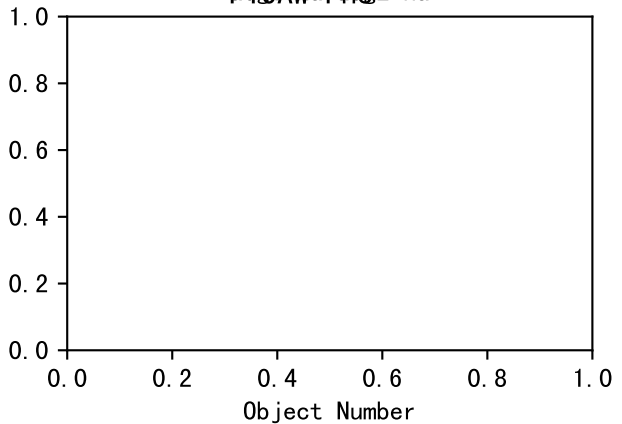




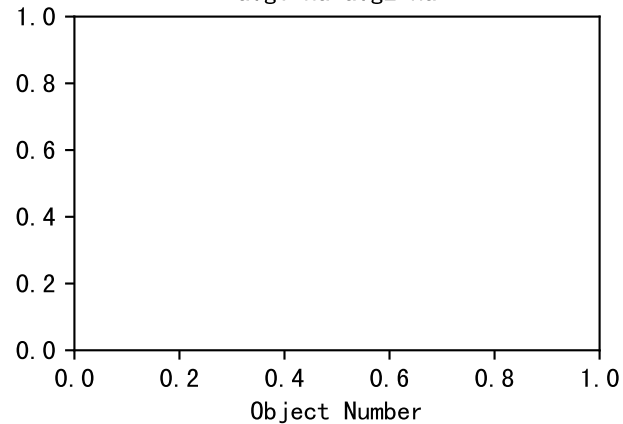
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



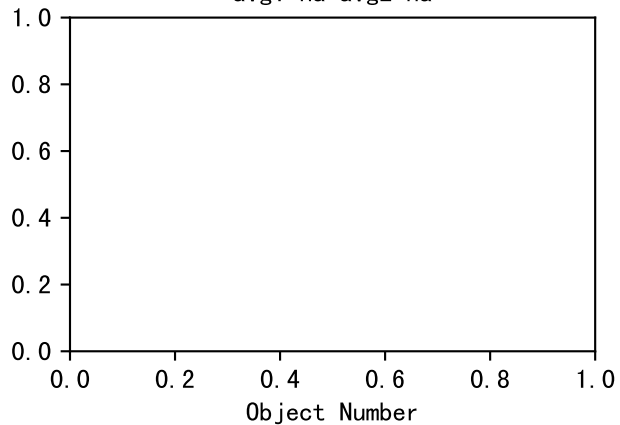
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



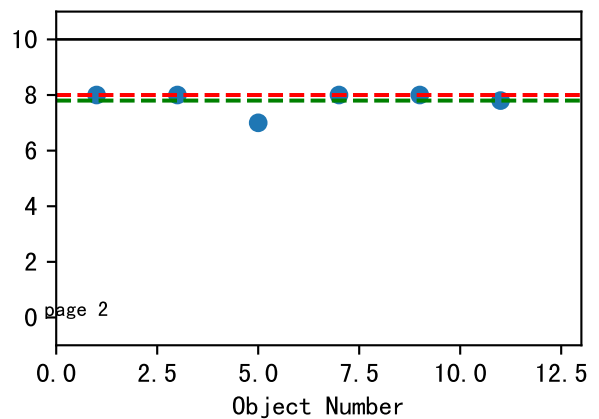
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



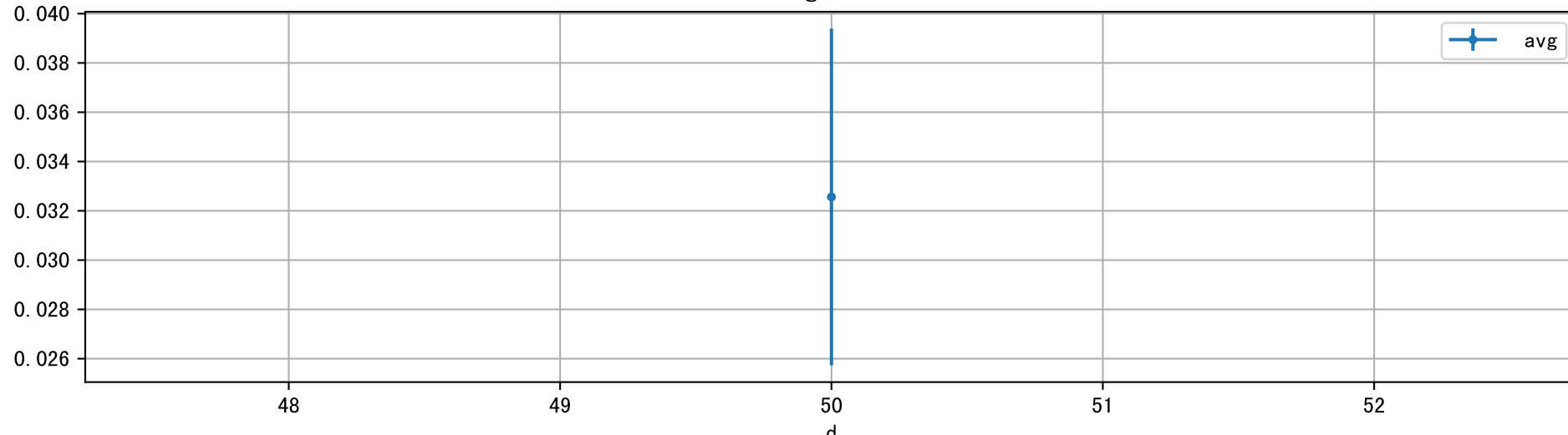
FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na



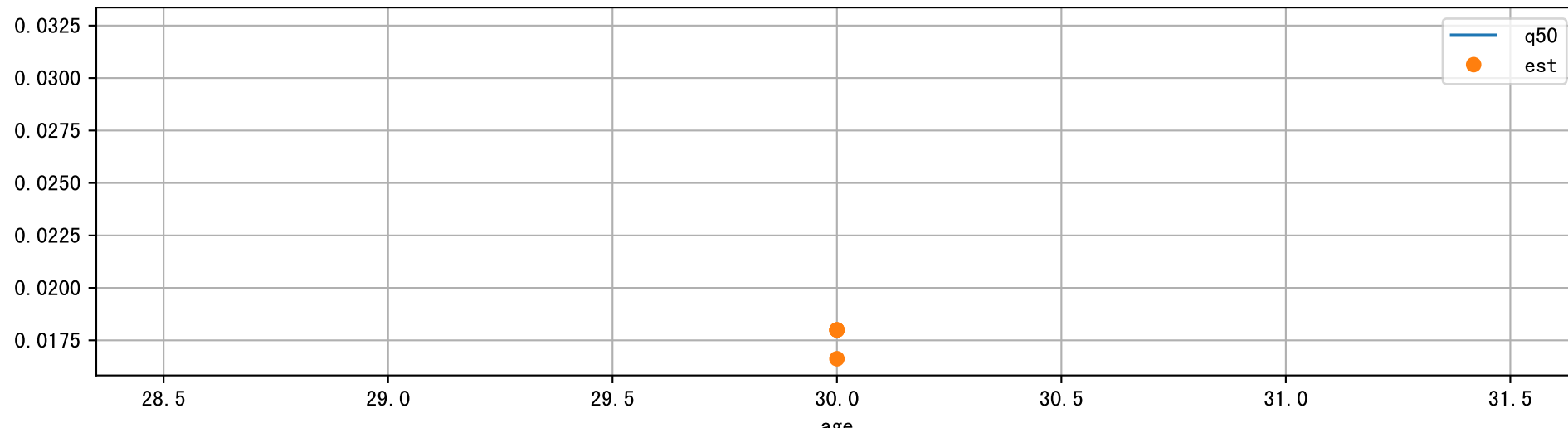
NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=7.8



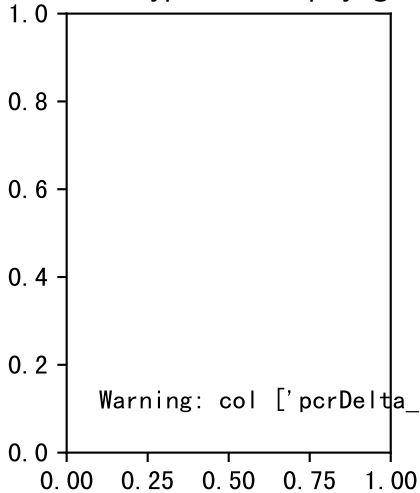
LfA: avg vs. d at each age group
age=30



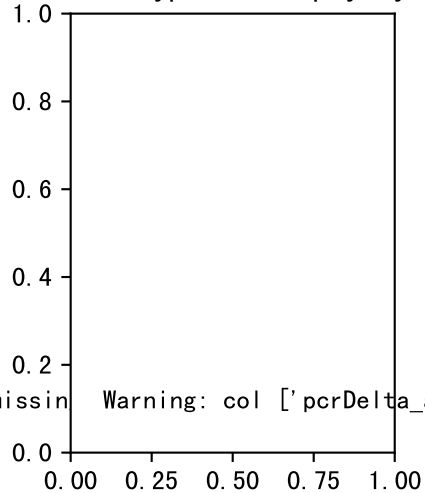
LfA: model est vs obs0v@Q50



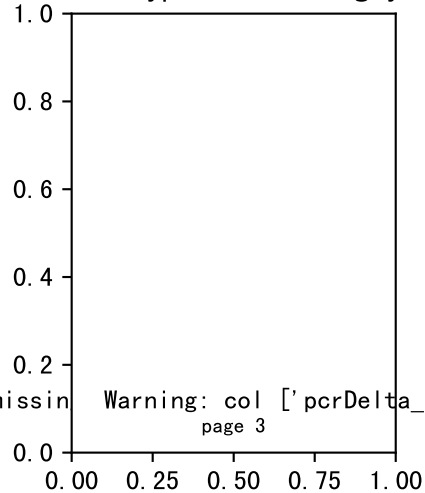
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

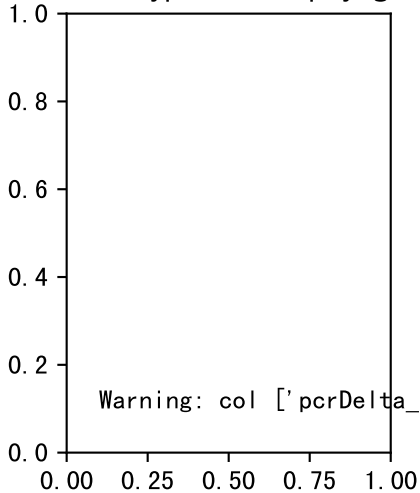


DeltaTypeAbbr=WeiAvgByD

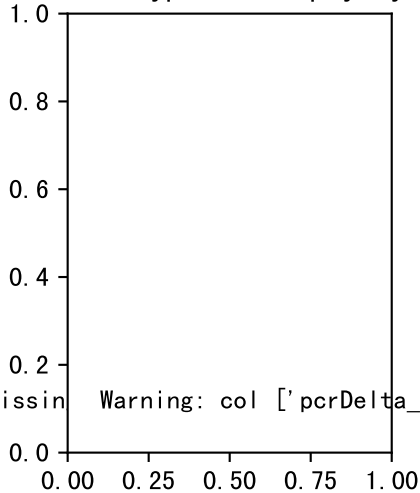


P10AW LfA: D_15d_LfA

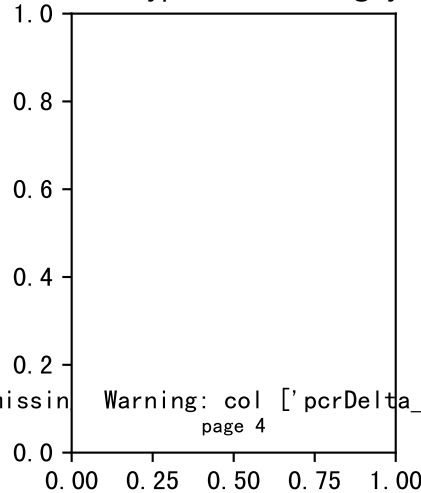
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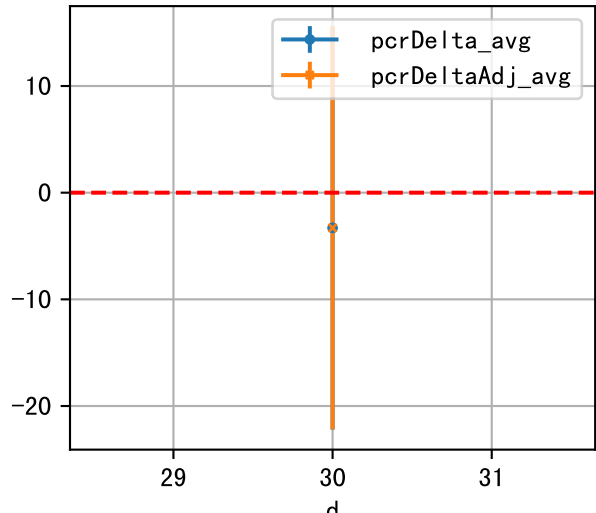
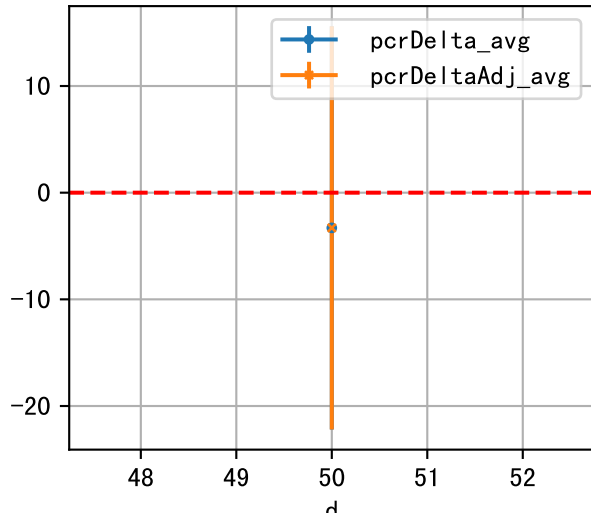
DeltaTypeAbbr=GrpByDay



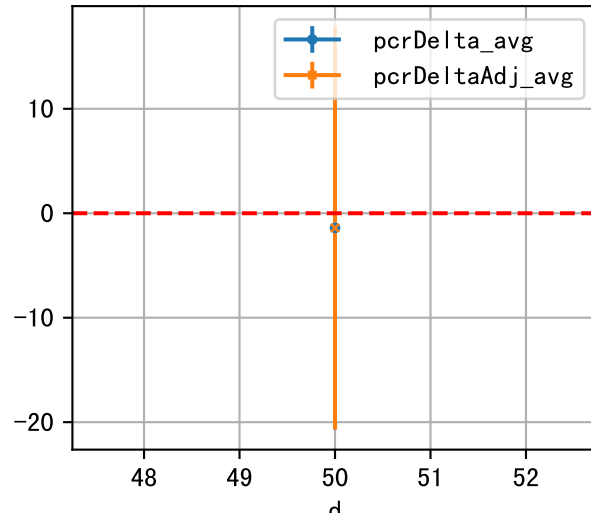
DeltaTypeAbbr=WeiAvgByD



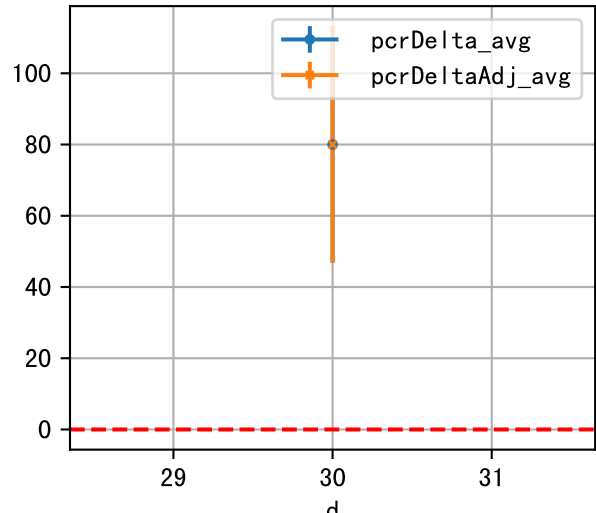
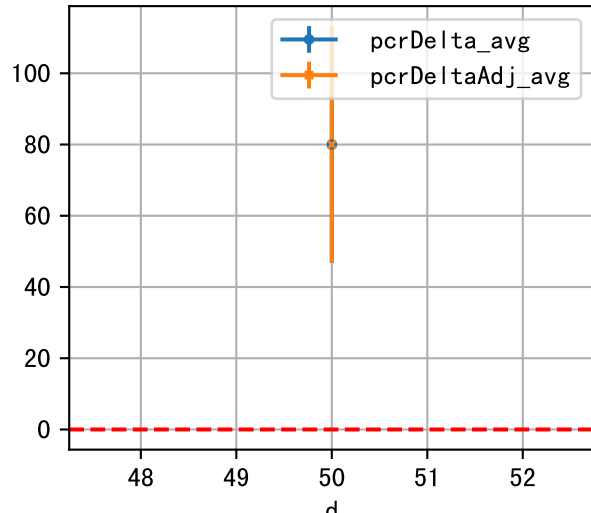
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P10AW LfA: D_Q50 LfA
DeltaTypeAbbr=GrpByDay

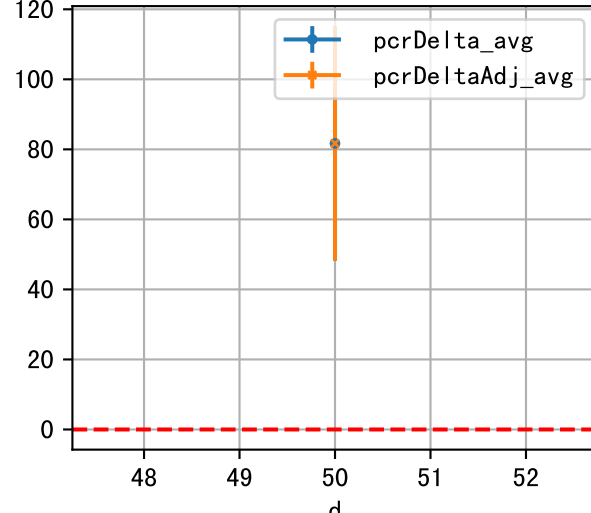
DeltaTypeAbbr=Wei AvgByD



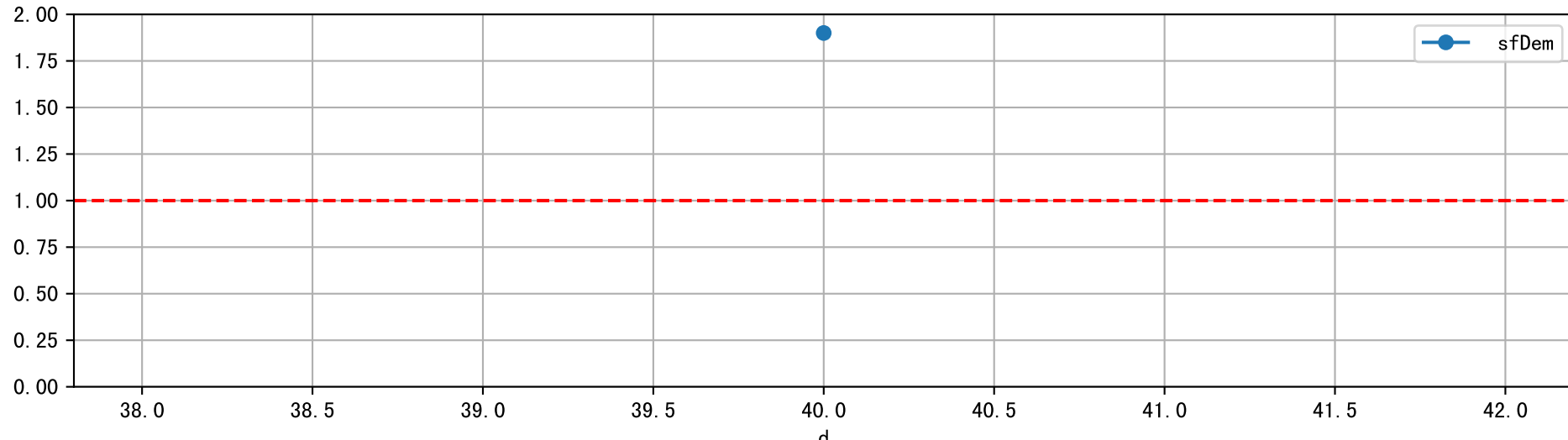
DeltaTypeAbbr=GrpByAge

P10AW LfA: D_Est_LfA
DeltaTypeAbbr=GrpByDay

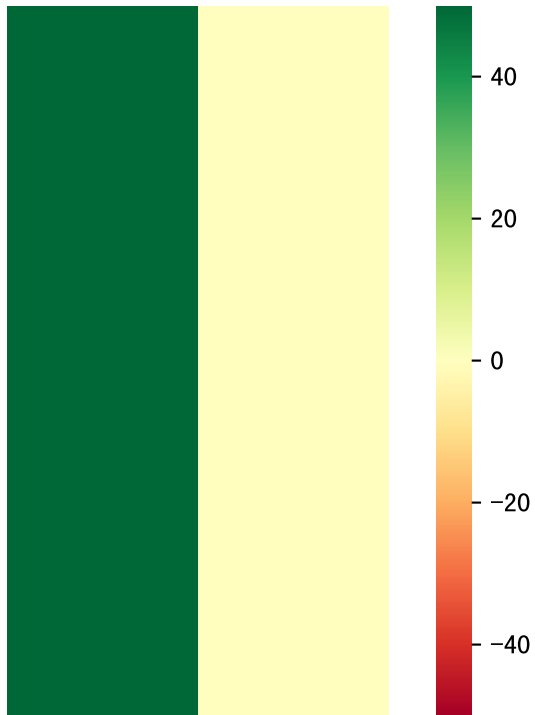
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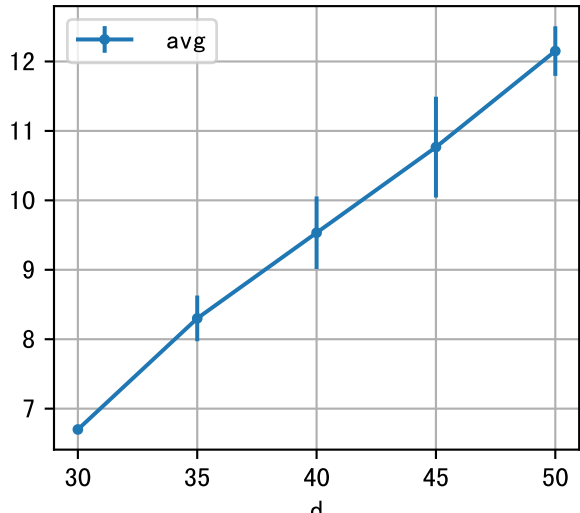
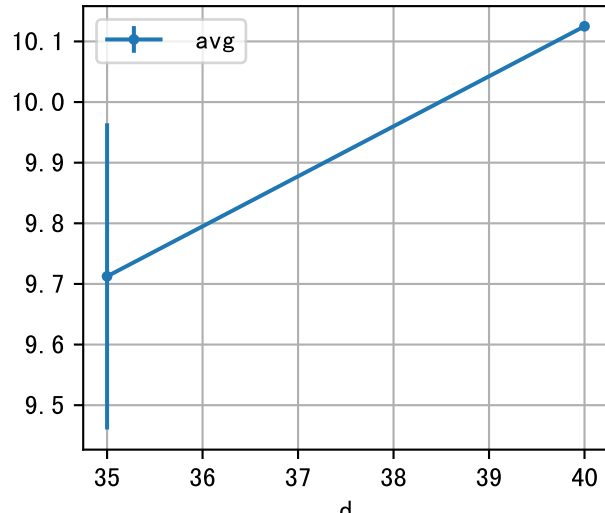
LfA: sfDem



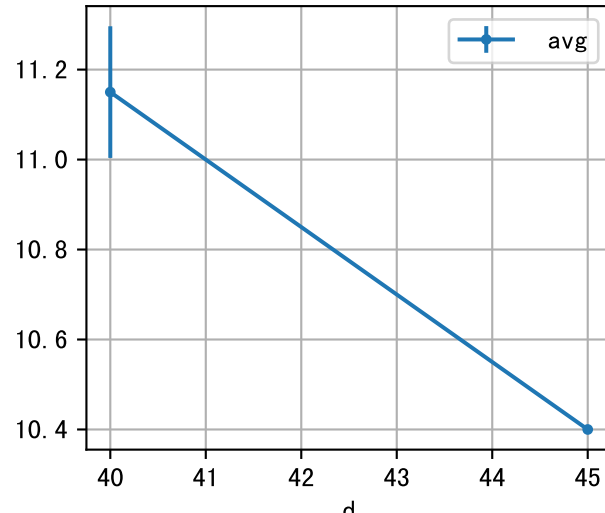
d 50 -



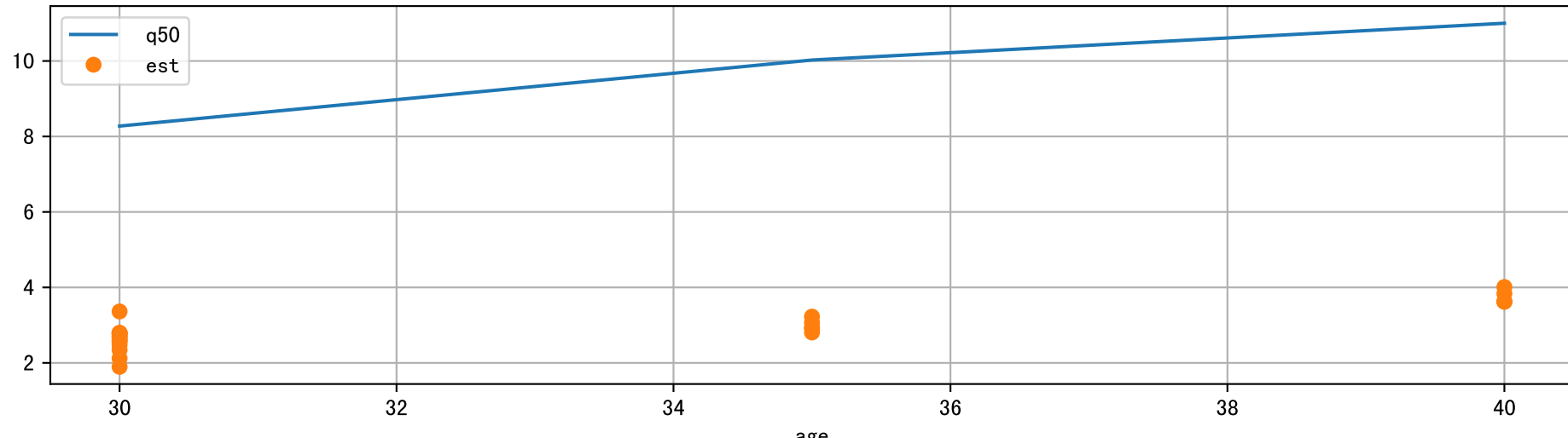
age=30

NdD: avg vs. d at each age group
age=35

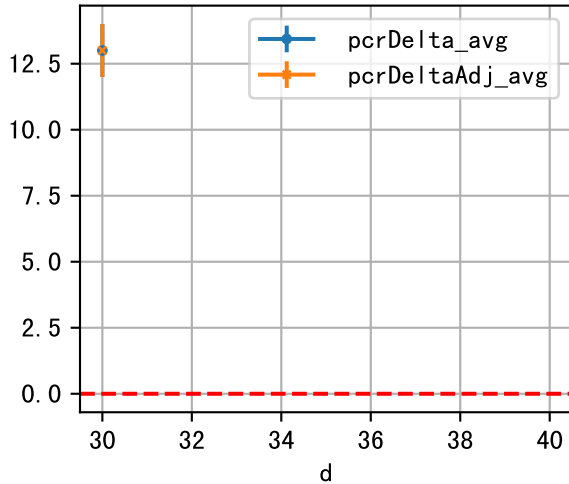
age=40



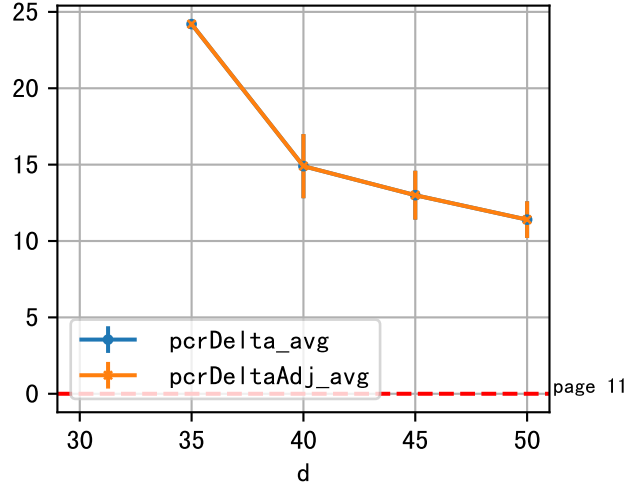
NdD: model est vs obs0v@Q50



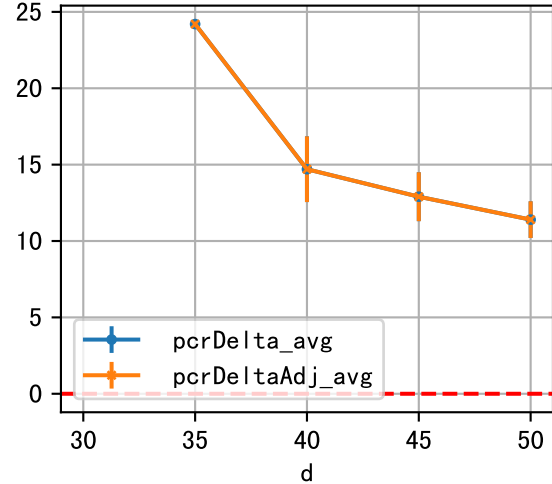
DeltaTypeAbbr=GrpByAge



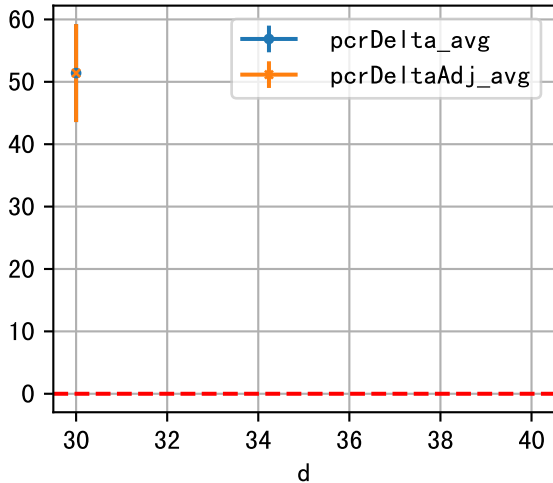
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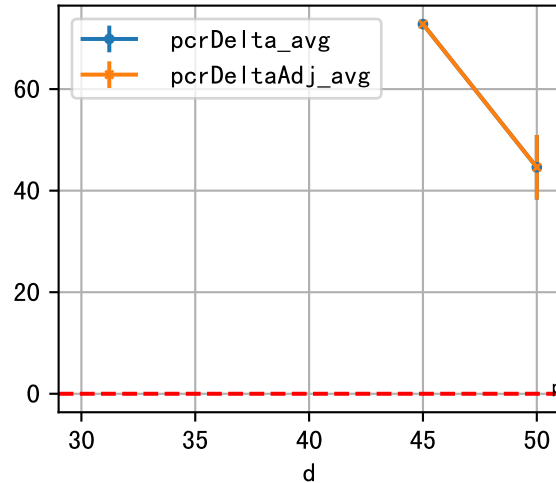
DeltaTypeAbbr=Wei AvgByD



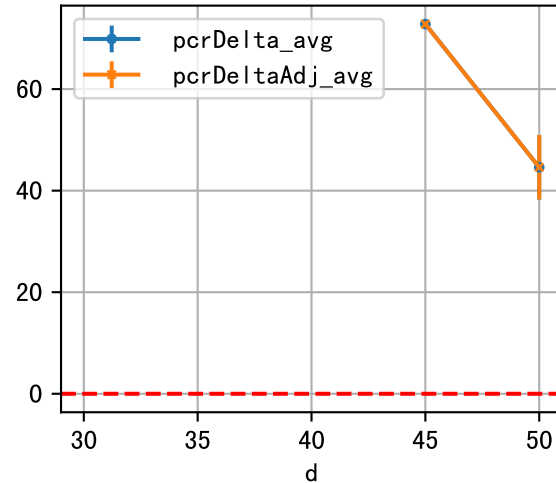
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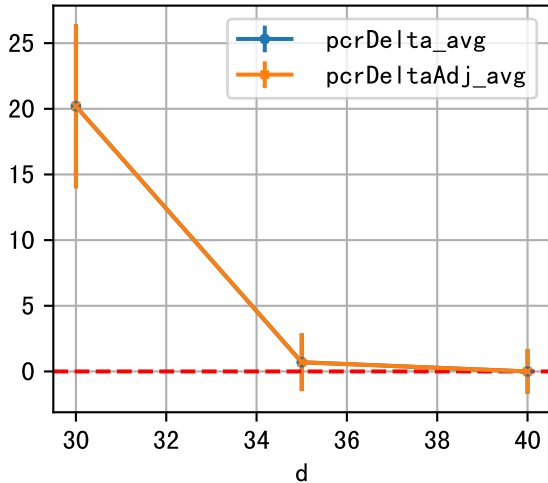
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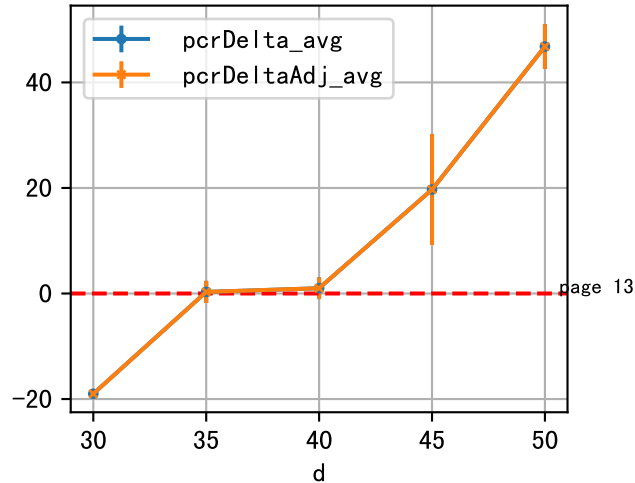
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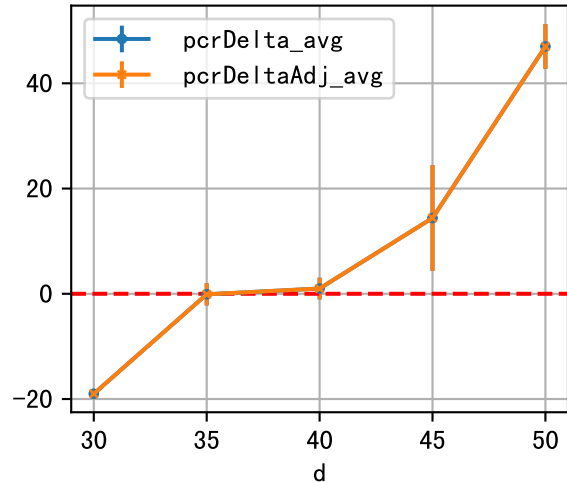
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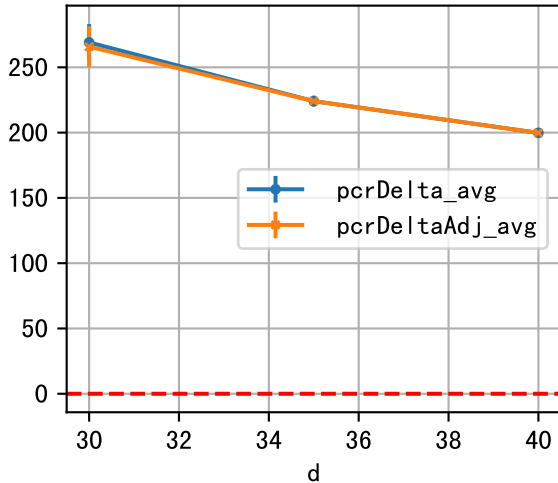
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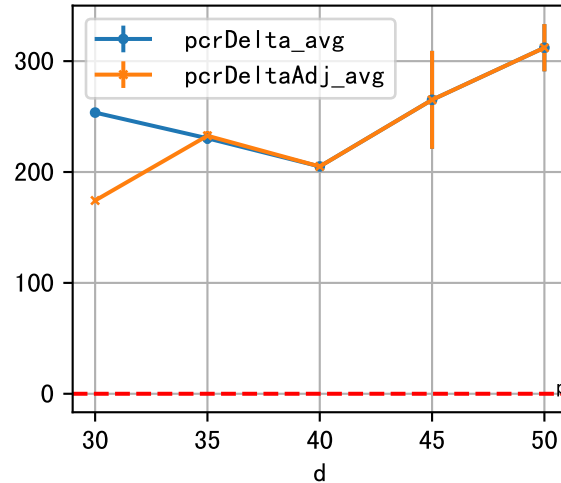
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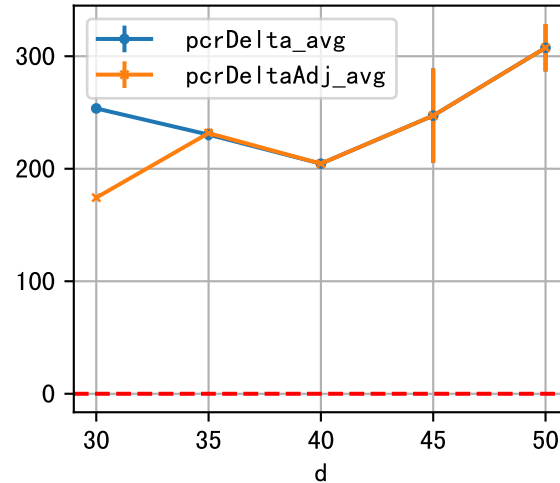
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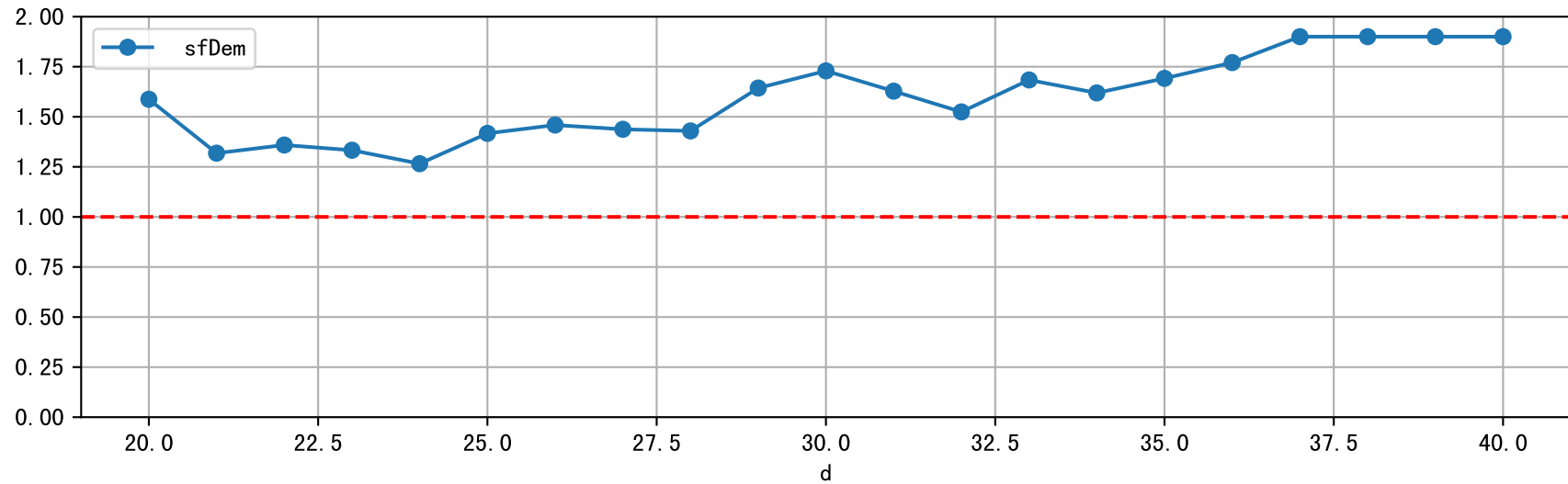
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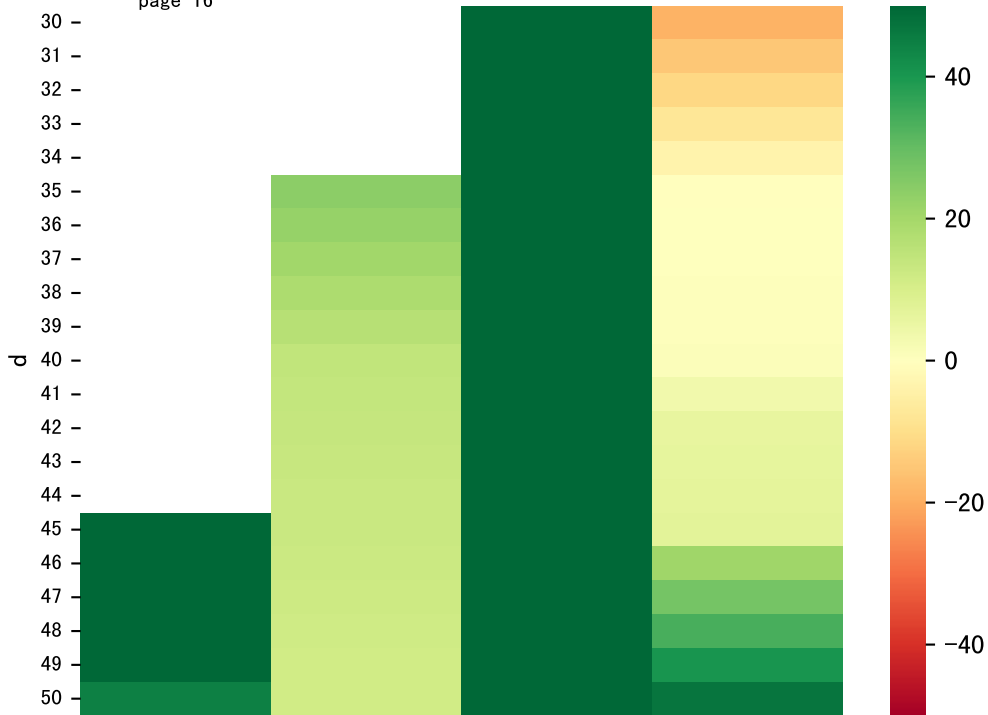


DeltaTypeAbbr=Wei AvgByD

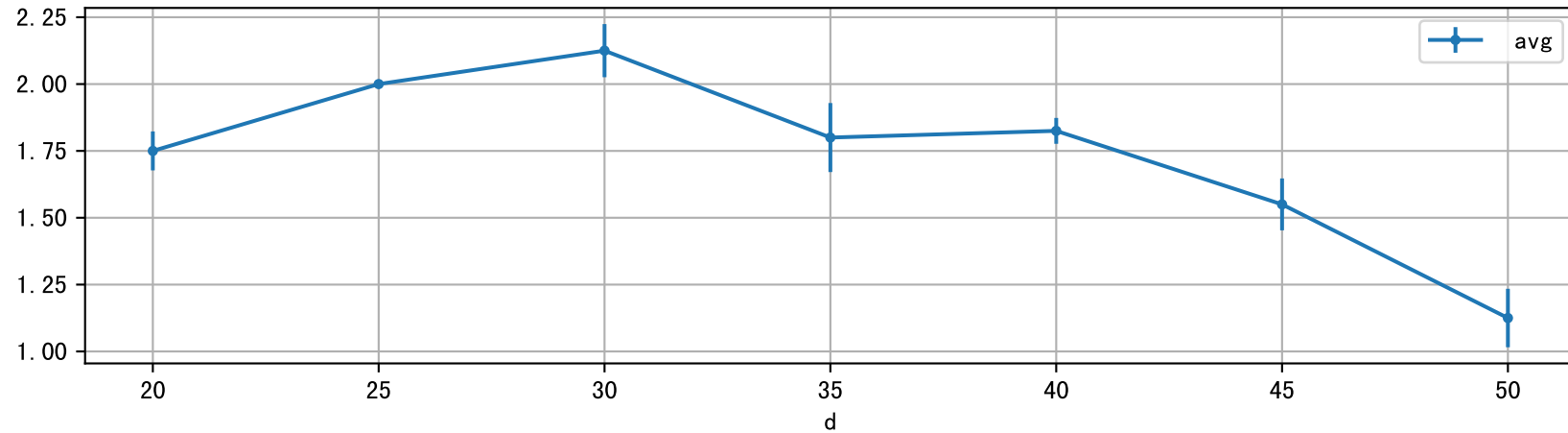


NdD: sfDem

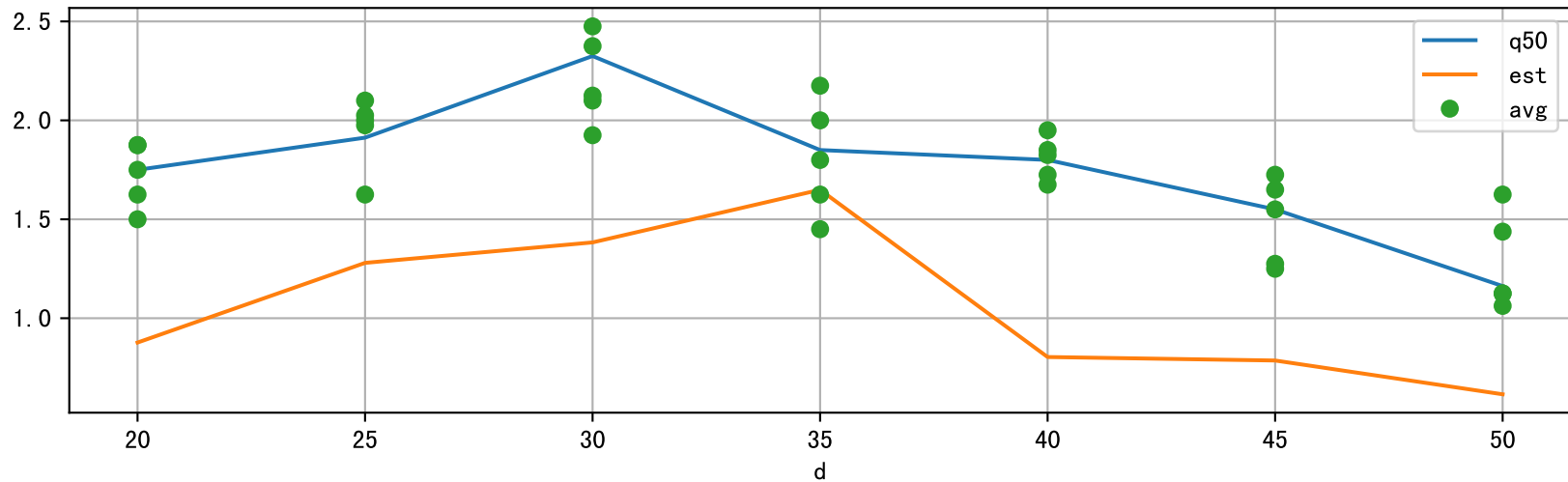




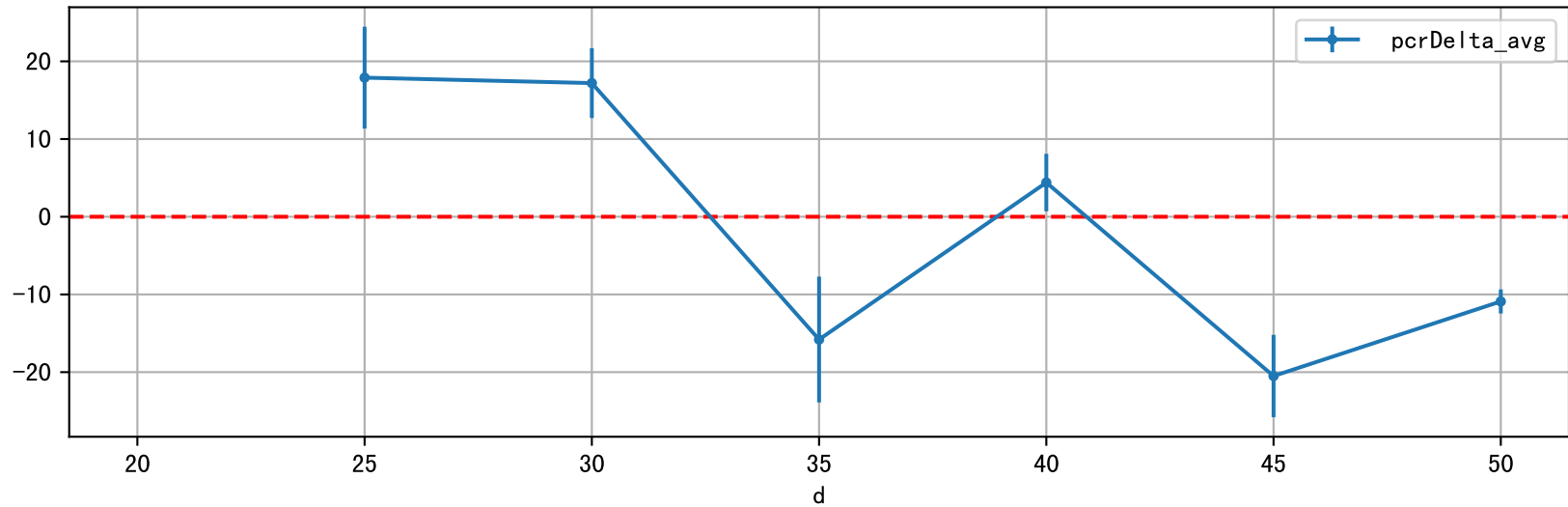
dStH: avg vs. d



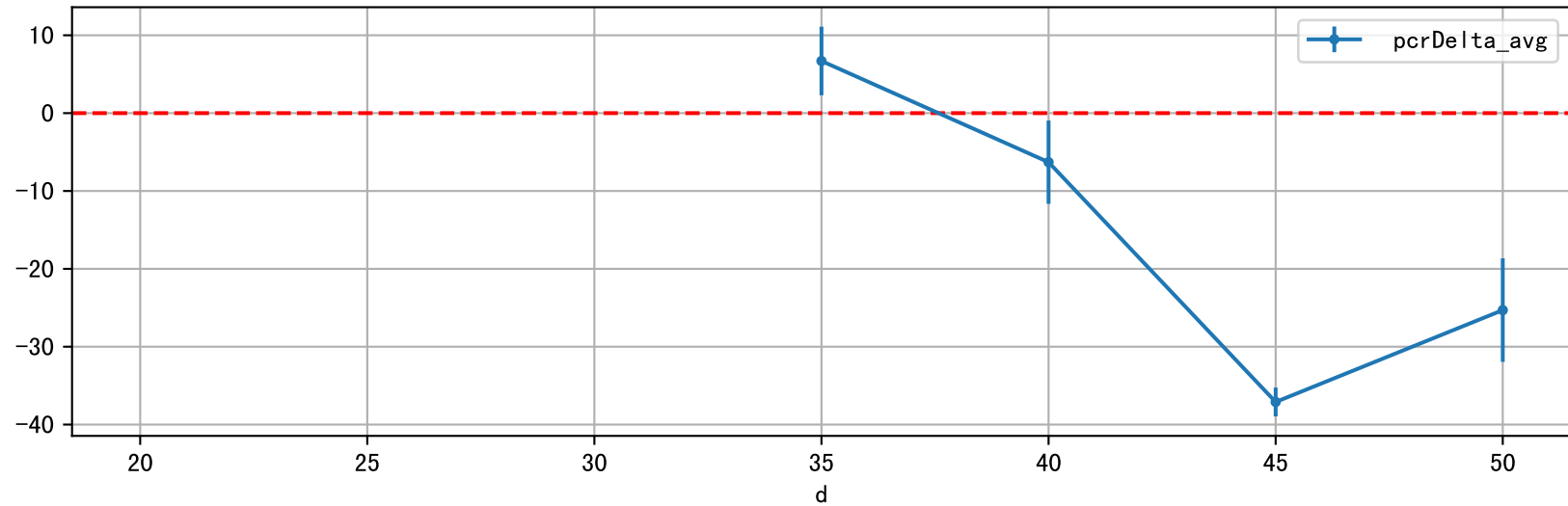
dStH: obsAvg vs obs0v@Q50



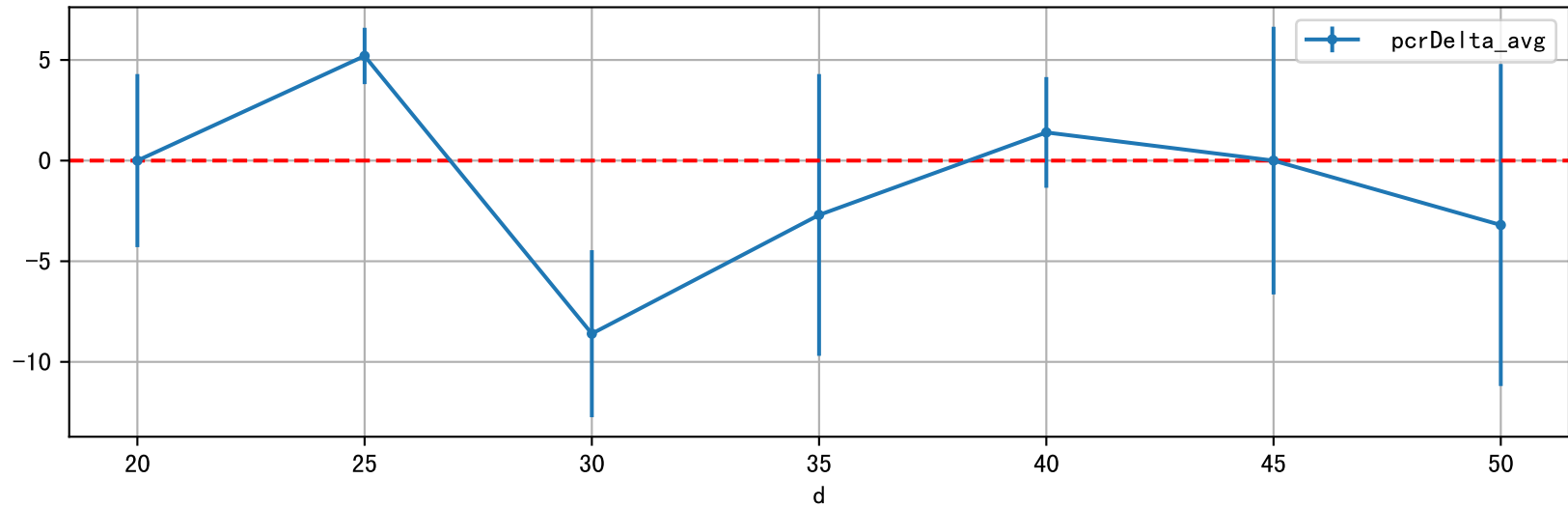
dStH: D_5d_StH



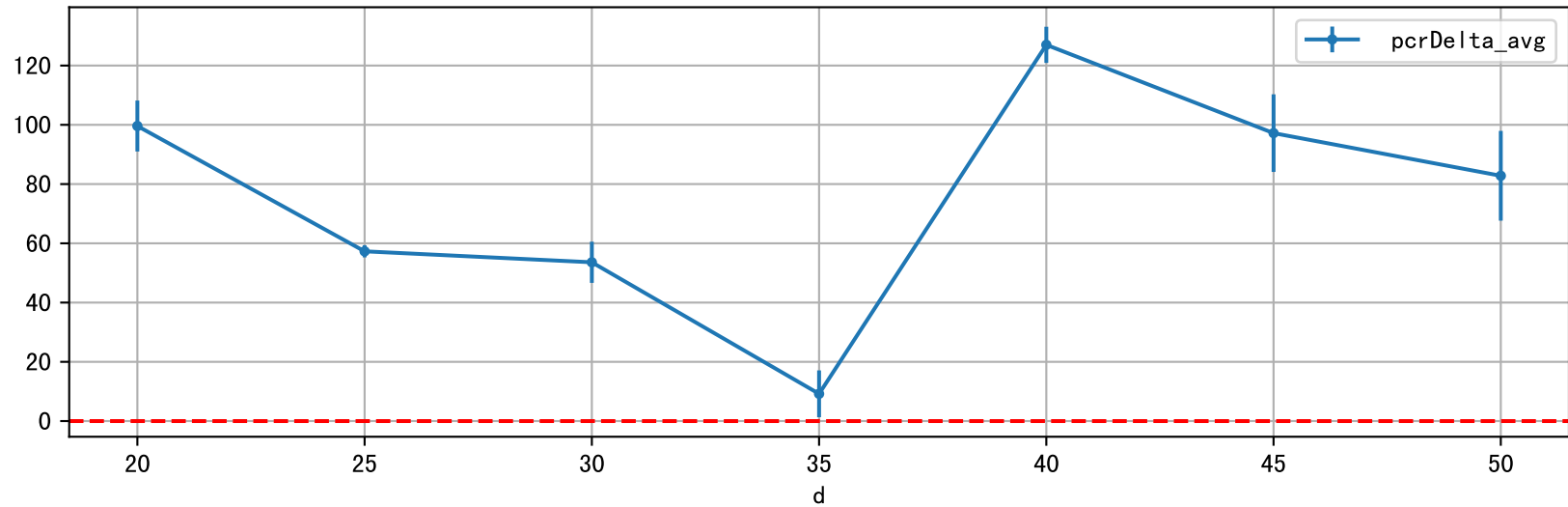
dStH: D_15d_StH



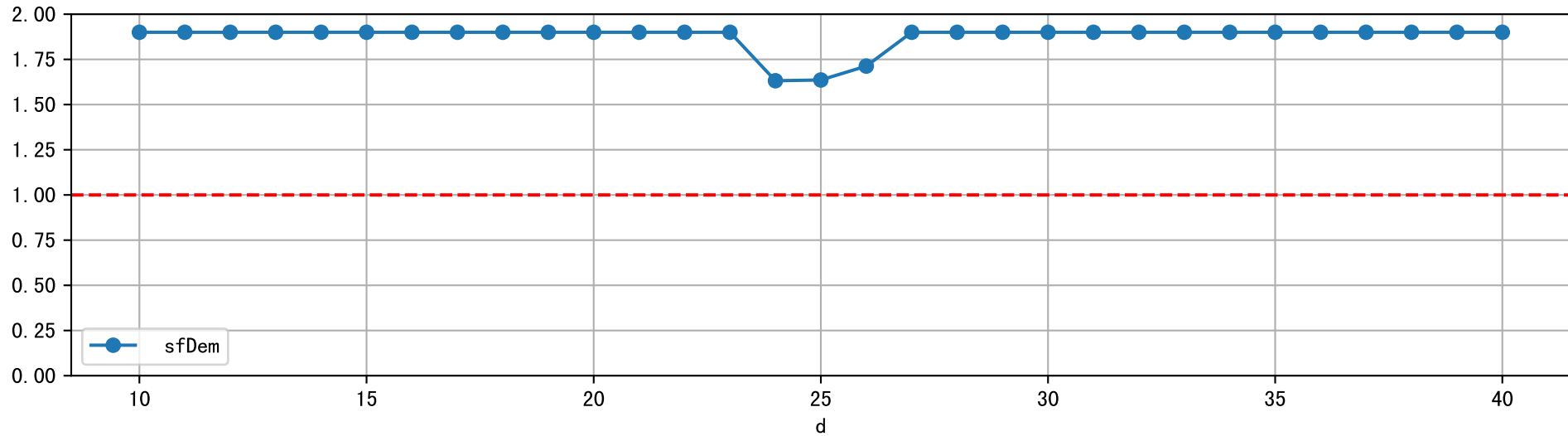
dStH: D_Q50_StH

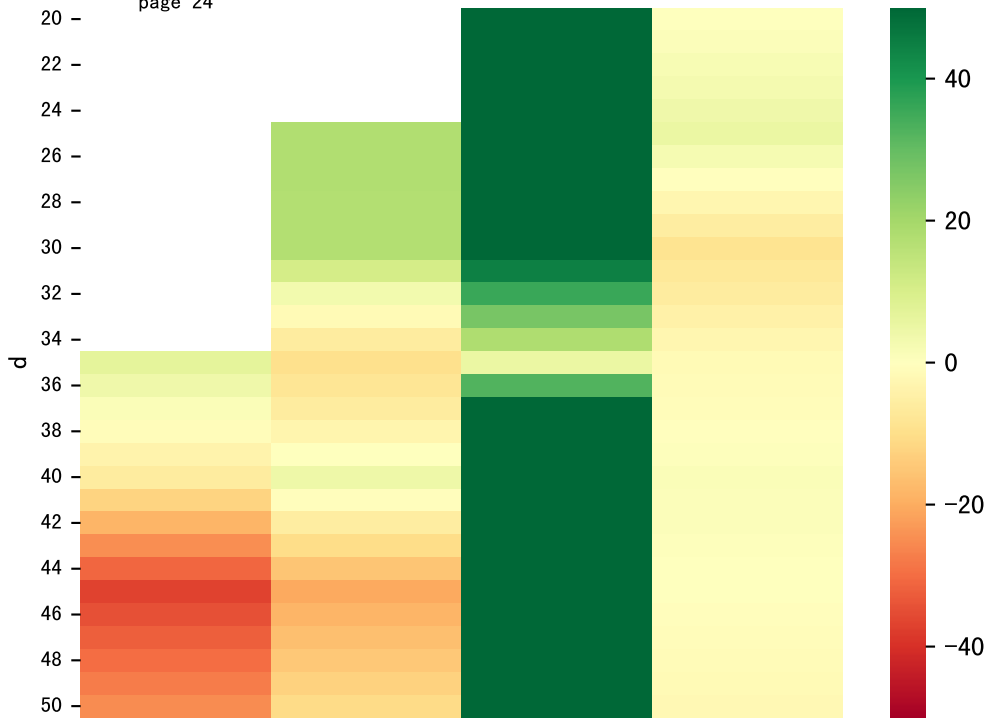


dStH: D_Est_StH



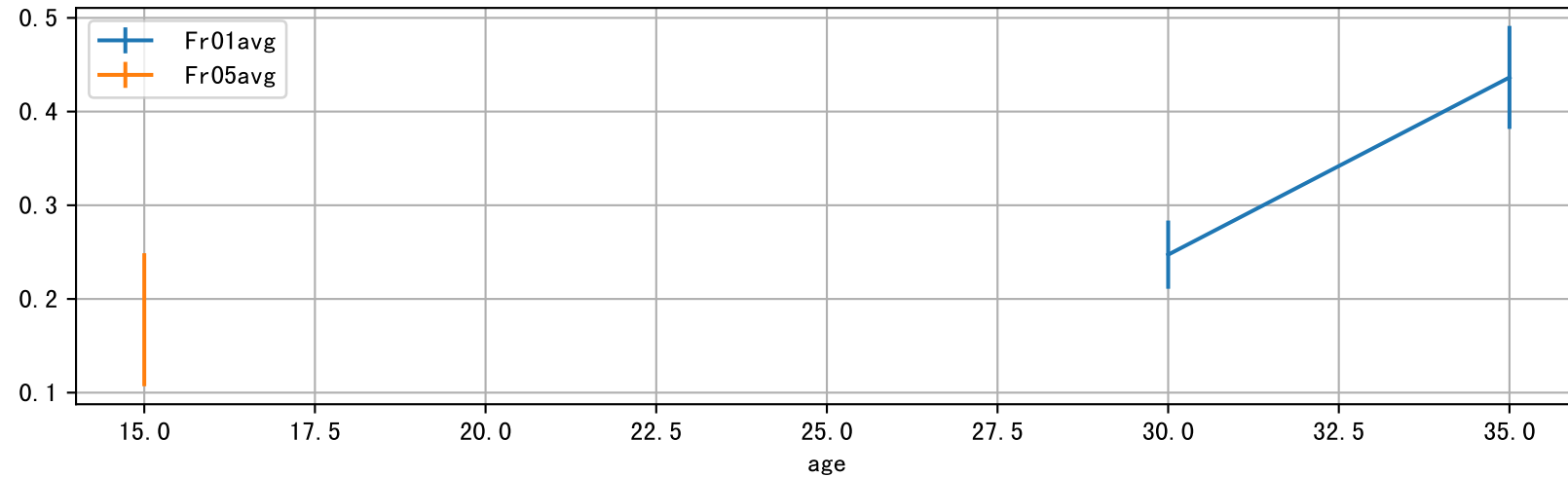
dStH: sfDem



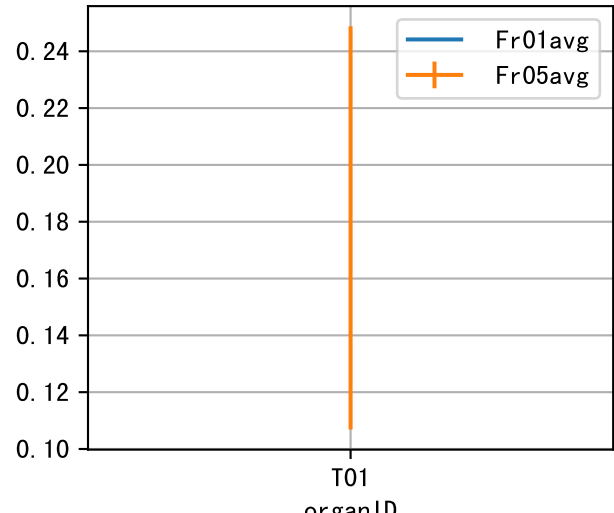
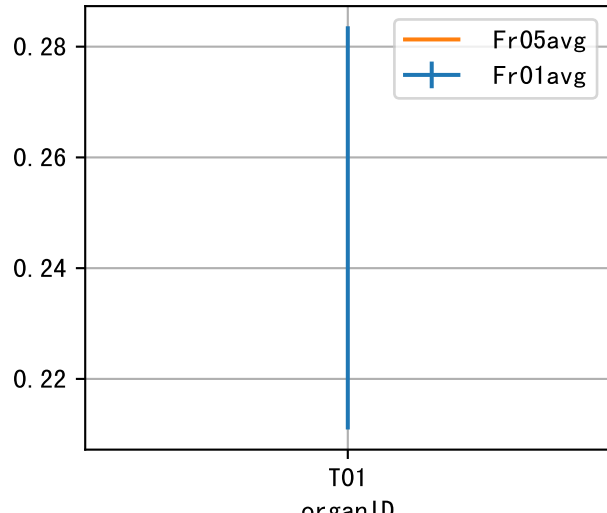


FrV: Fr01 vs Fr05 at each truss

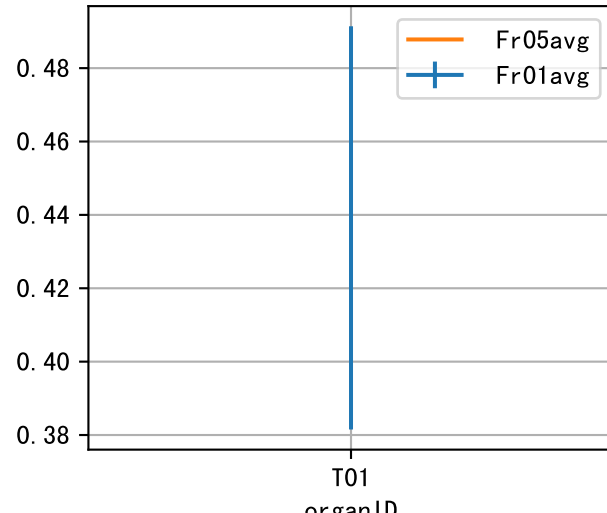
organID=T01



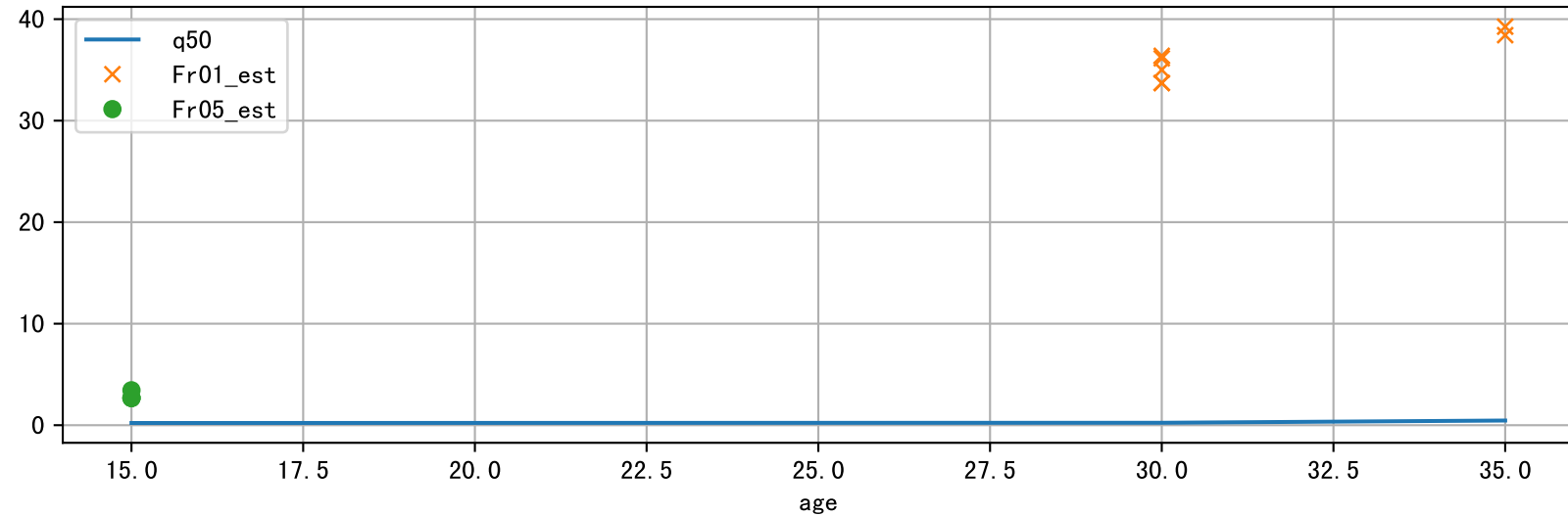
age=15

FrV trend at each age
age=30

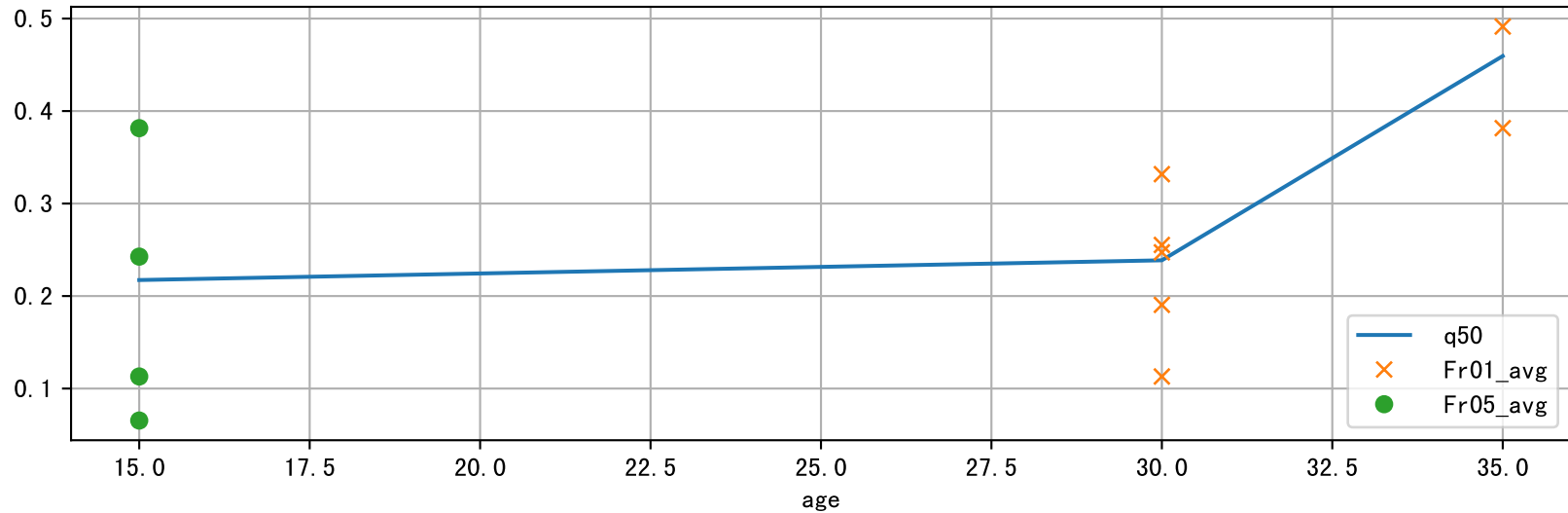
age=35



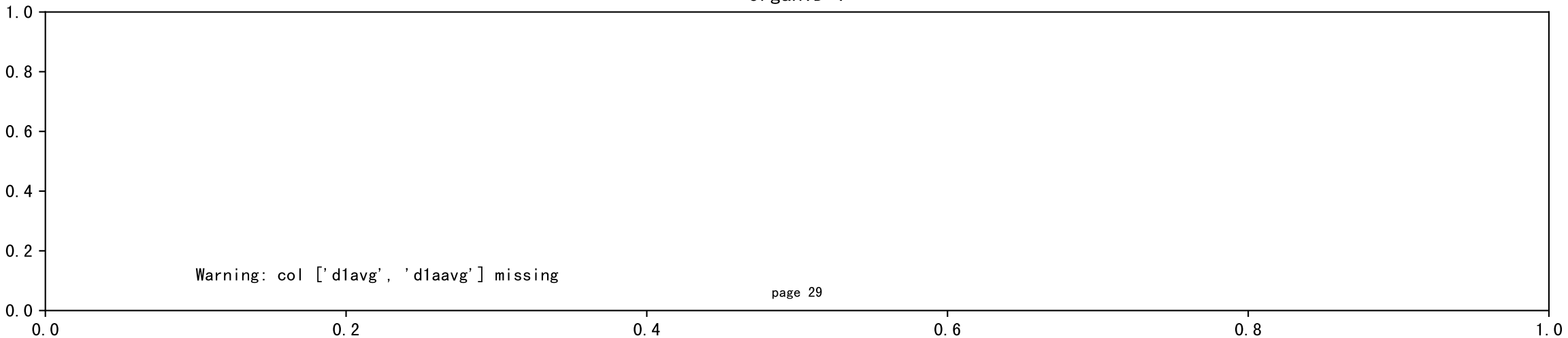
FrV: model Est vs obsFrV at Q90



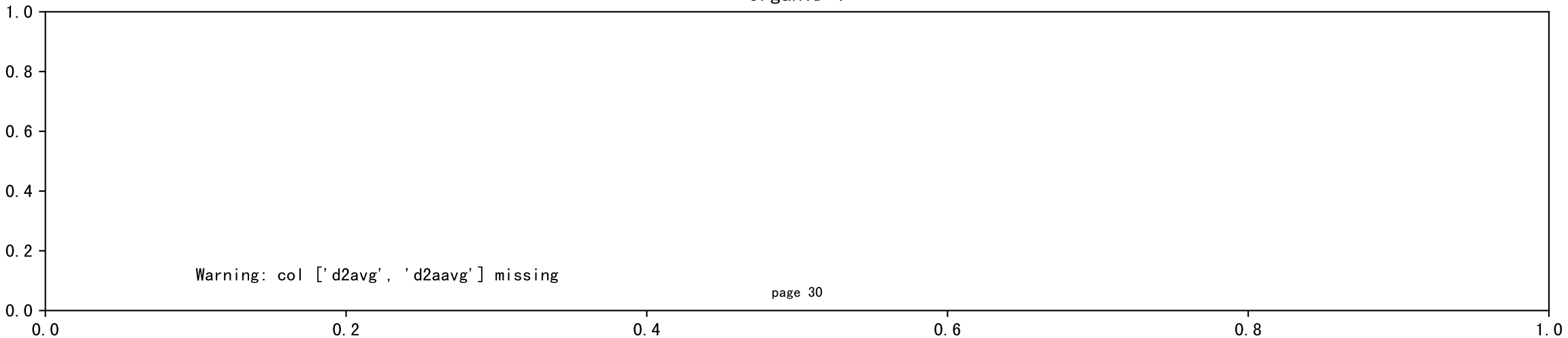
FrV: obsFrV vs obsFrV@Q90



FrV: D_Fr1_FrV
organID=1

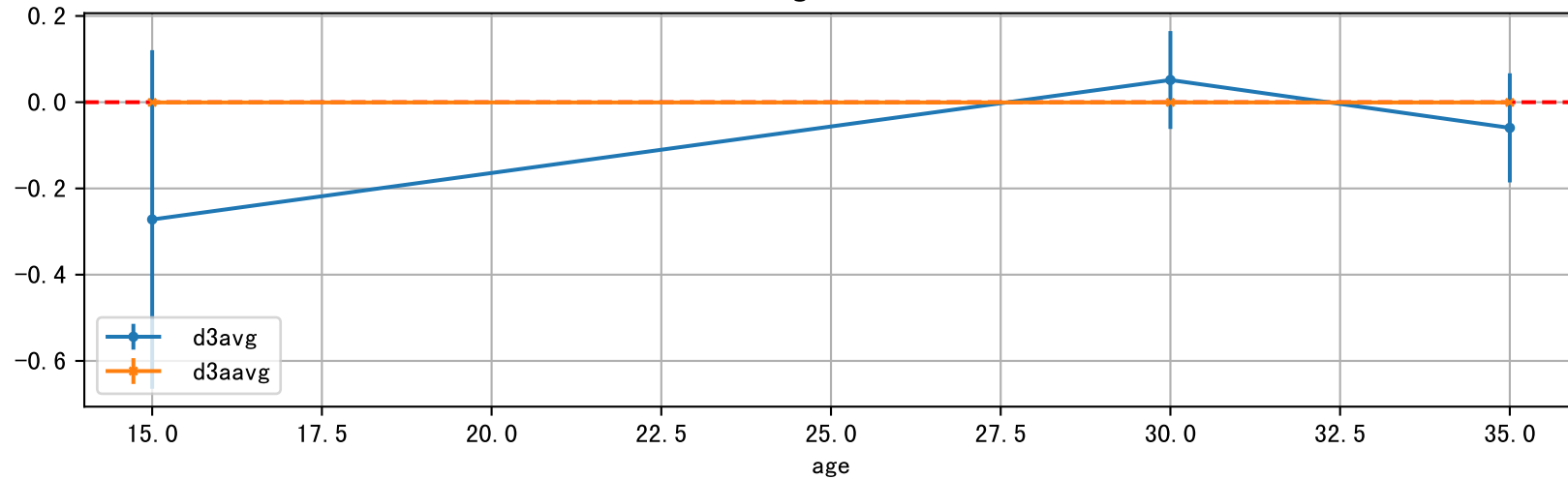


FrV: D_Ts_FrV
organID=1

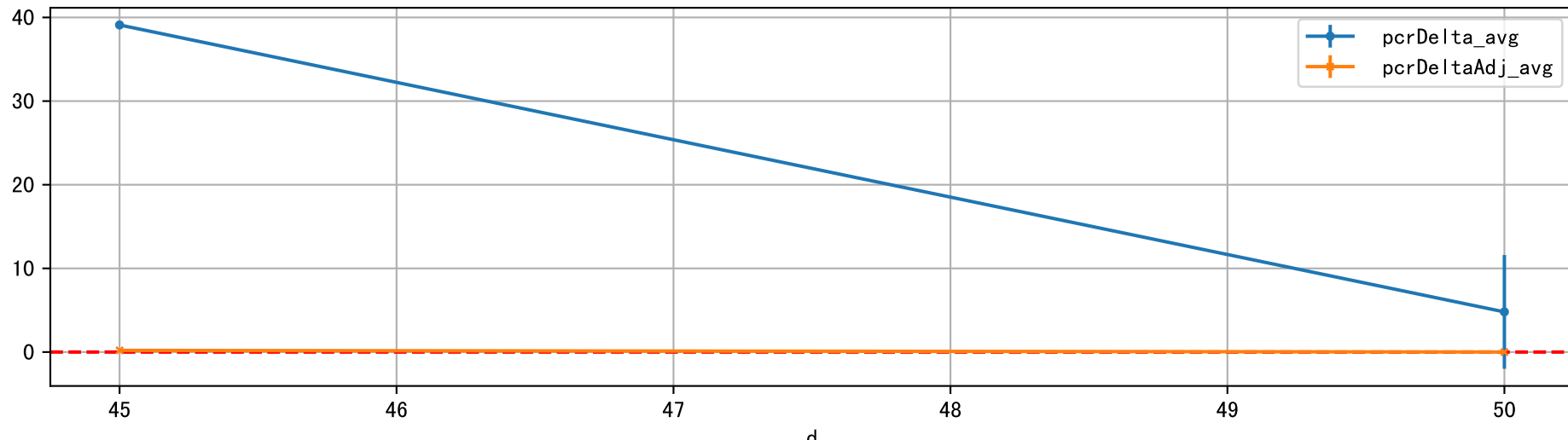


FrV: D_Q50_FrV

organID=1

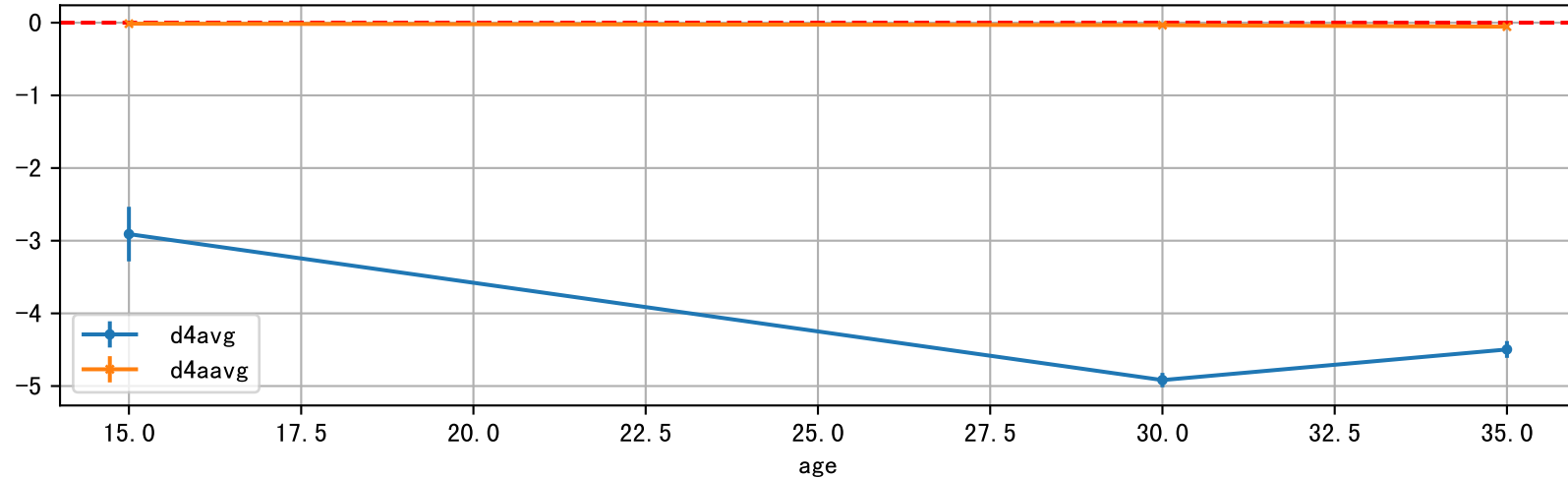


P10AW FrV: D_Q50_FrV

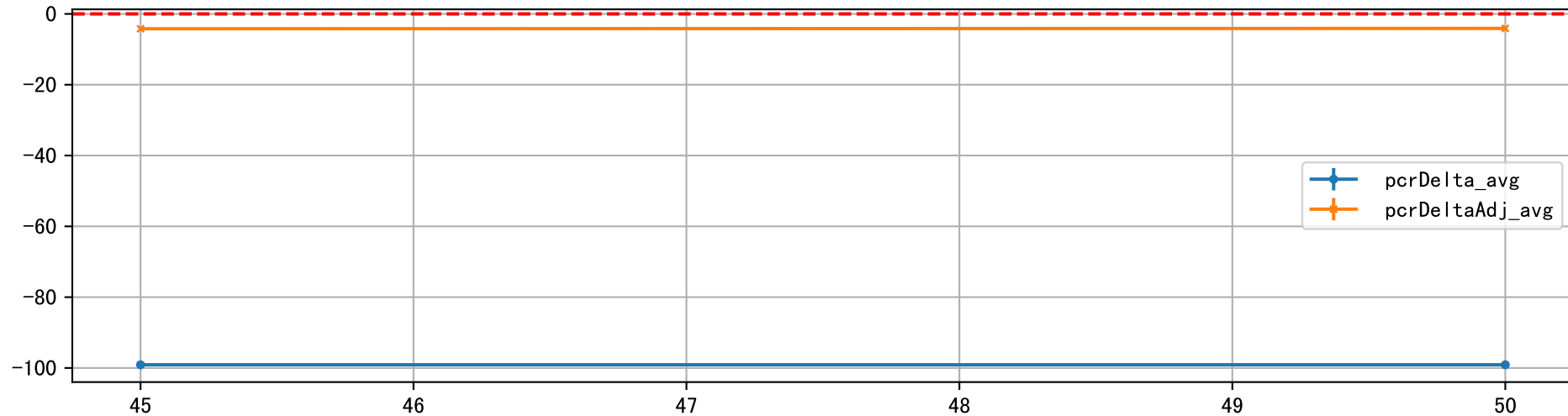


FrV: D_Est_FrV

organID=1



P10AW FrV: D_Est_FrV



P10AW FrV: sfDem

