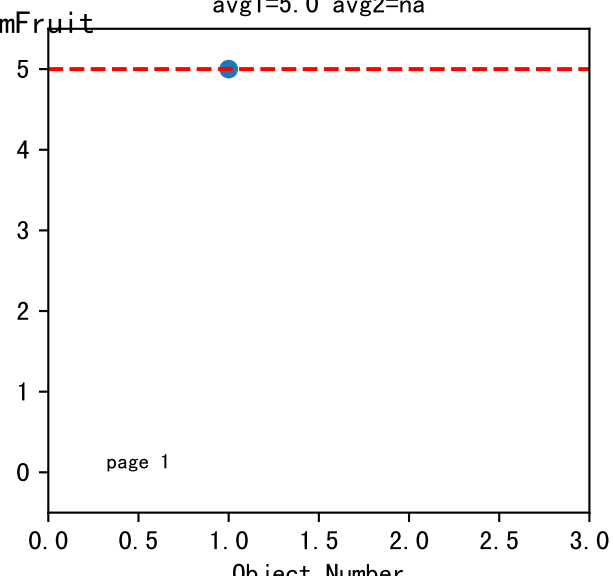
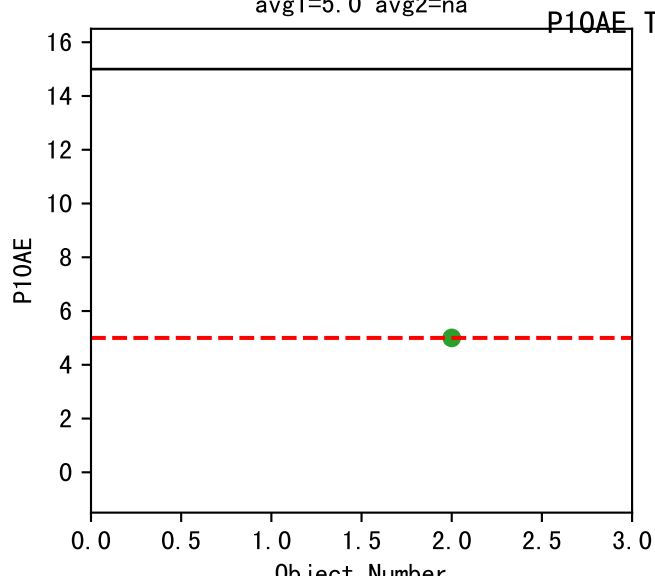


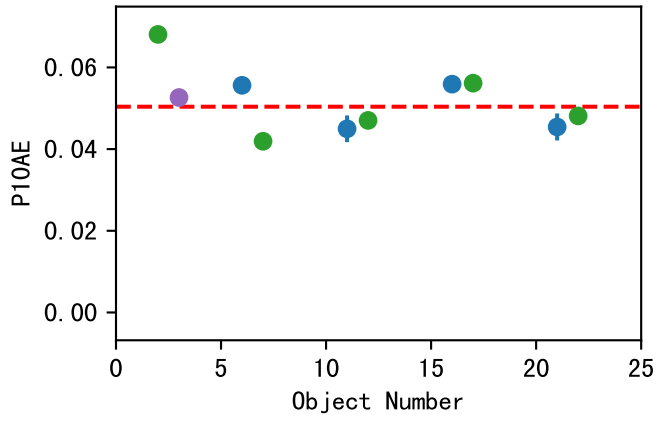
Phenotype Data Analysis Plots
PhenoData day range = 18 - 54
Analysis cutoff day = 54
NC11 P10
2025-12-12 (Day 55)

avg1=0.00% avg2=na
P10AE TrimTruss

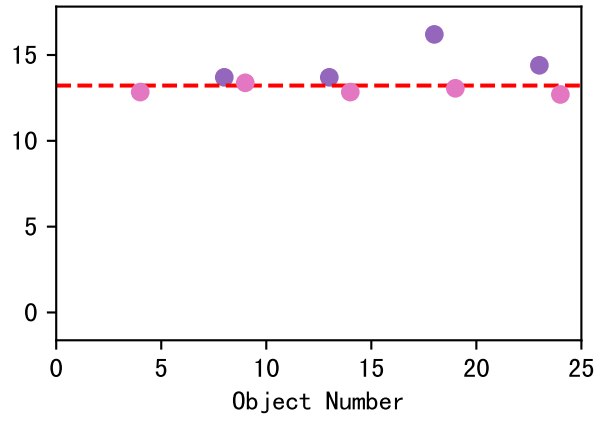




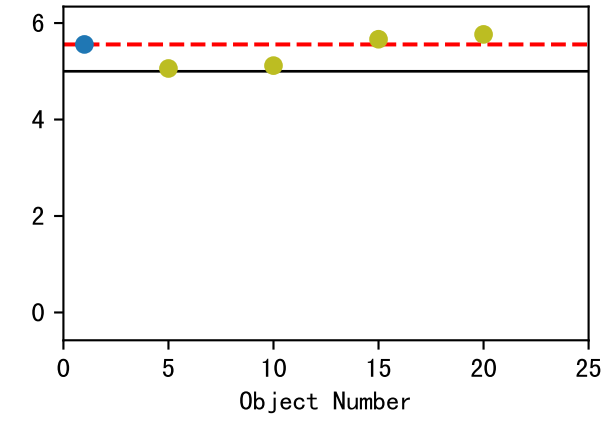
LfA_avgAbsY (Def=na Set=0.05)
avg1=0.05~15% avg2=na



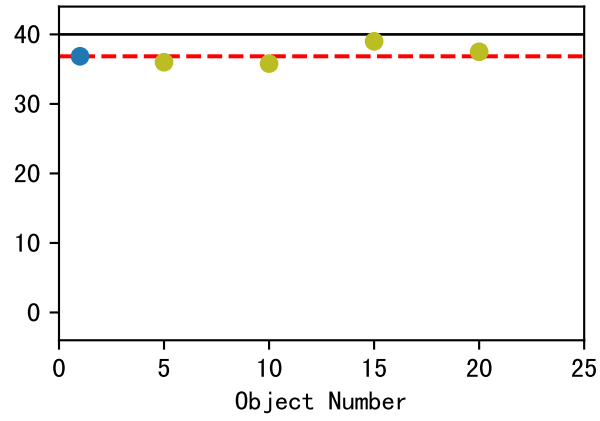
Ndd_avgAbsY (Def=na Set=13.22)
avg1=13.22~48% avg2=na



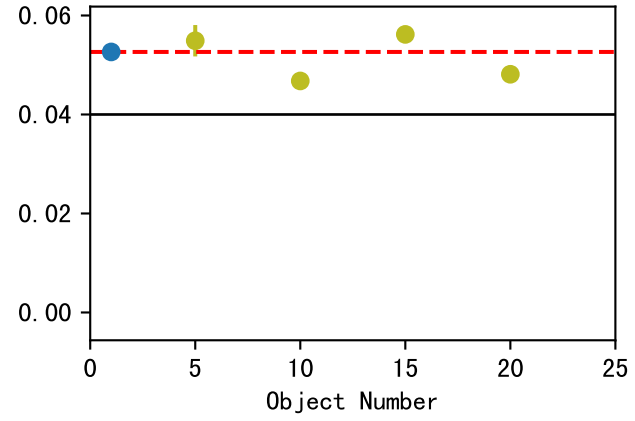
NdL_Q90AbsY (Def=5 Set=3.56)
avg1=5.56~6% avg2=na



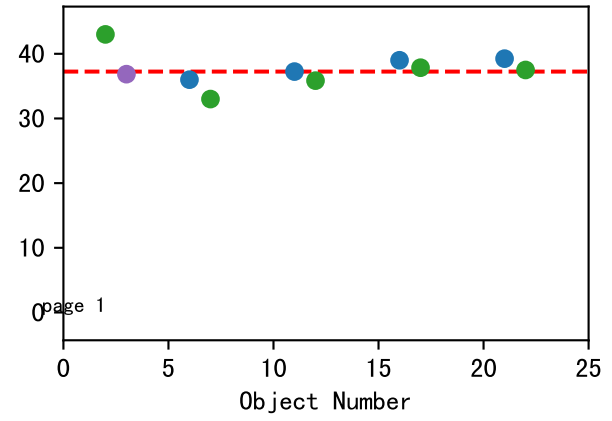
LfL_Q90AbsY (Def=40 Set=36.85)
avg1=36.85~4% avg2=na



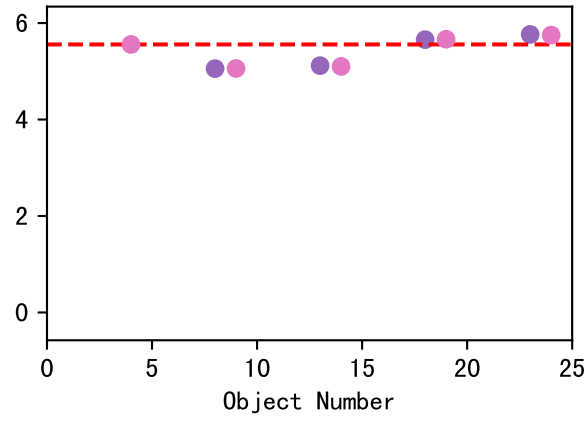
LfA_Q90AbsY (Def=0.04 Set=0.05)
avg1=0.05~8% avg2=na



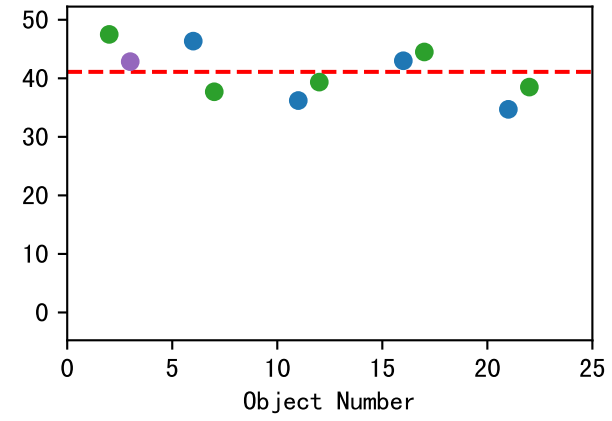
LfL_avgAbsY (Def=na Set=37.25)
avg1=37.25~5% avg2=na



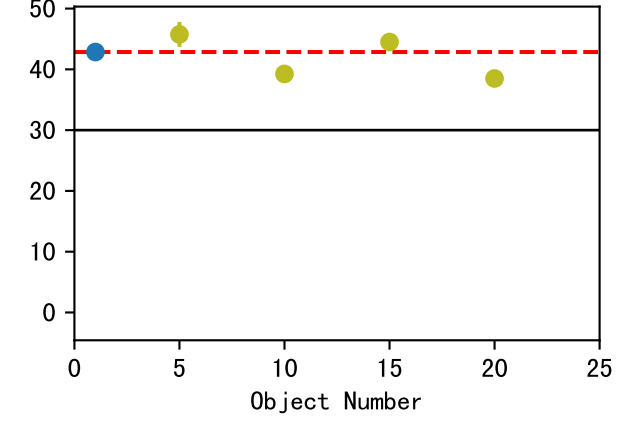
NdL_avgAbsY (Def=na Set=5.56)
avg1=5.56~6% avg2=na



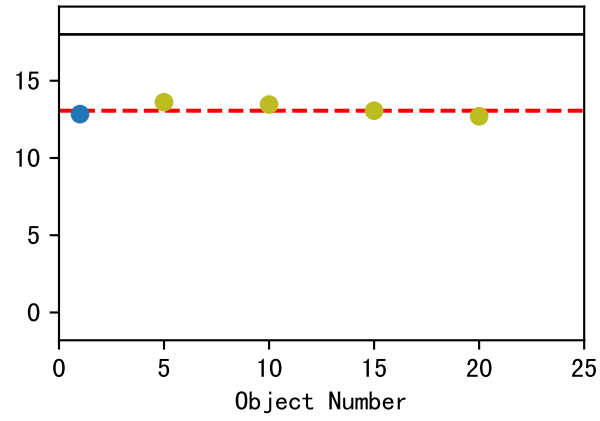
LTW_avgAbsY (Def=na Set=41.1)
avg1=41.1~11% avg2=na



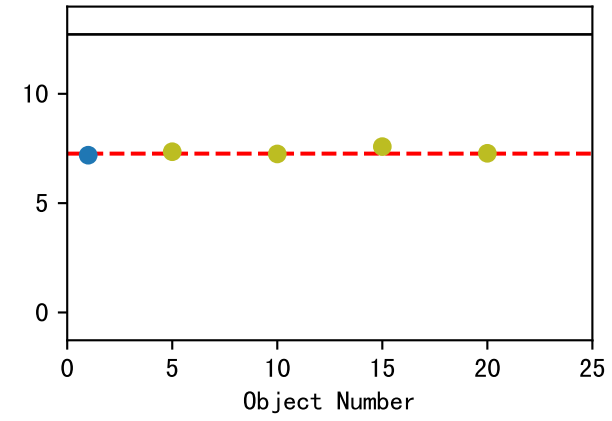
LTW_Q90AbsY (Def=30 Set=42.85)
avg1=42.85~7% avg2=na



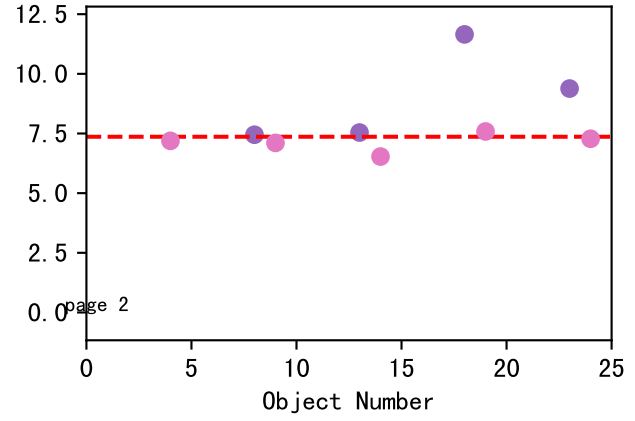
NdD_Q90AbsY (Def=18 Set=13.06)
avg1=13.06~3% avg2=na



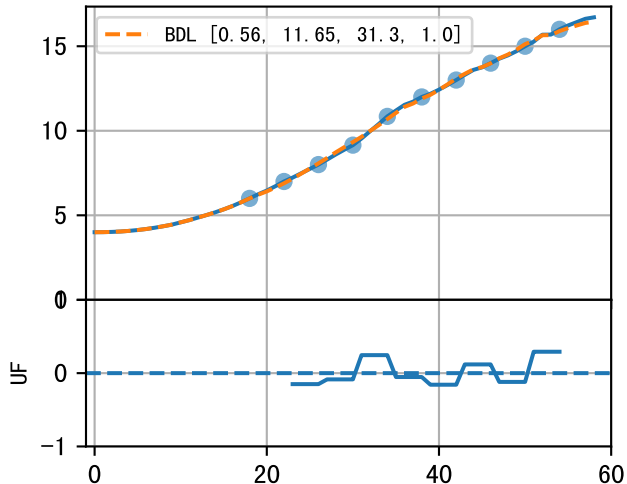
NdV_Q90AbsY (Def=12.72 Set=12.72)
avg1=12.72~1% avg2=na



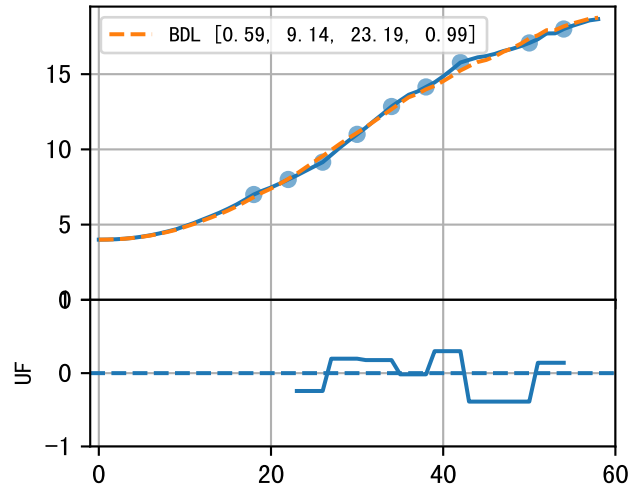
NdV_avgAbsY (Def=na Set=7.36)
avg1=7.36~3% avg2=na



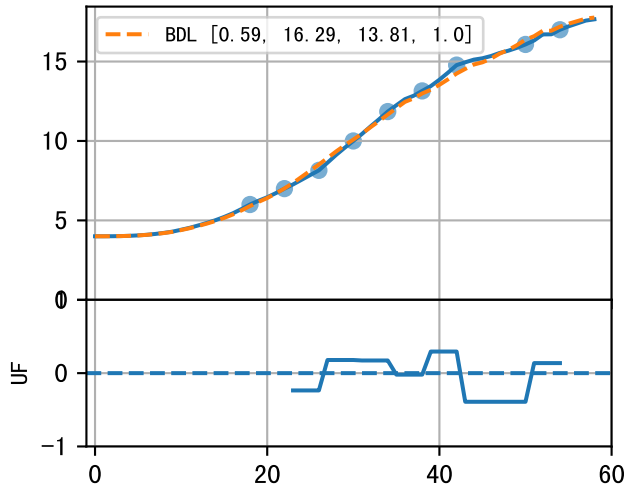
P10AE-081-12 (fit failed)



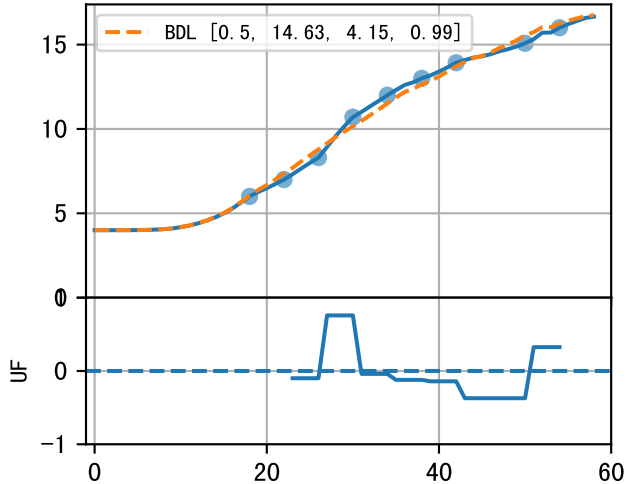
P10AE-087-27 (fit failed)



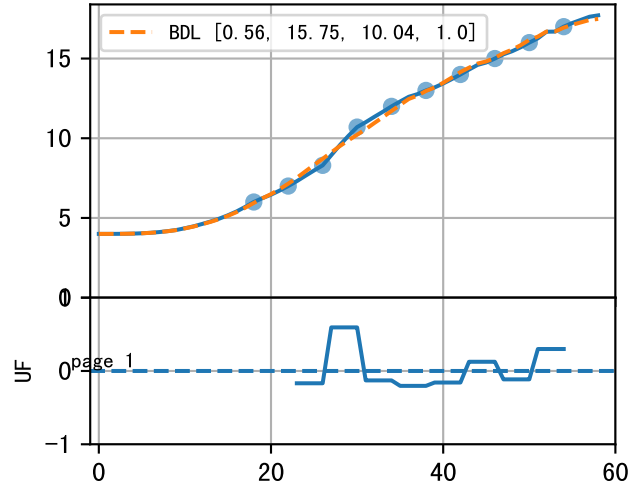
P10AE-095-20 (fit failed)



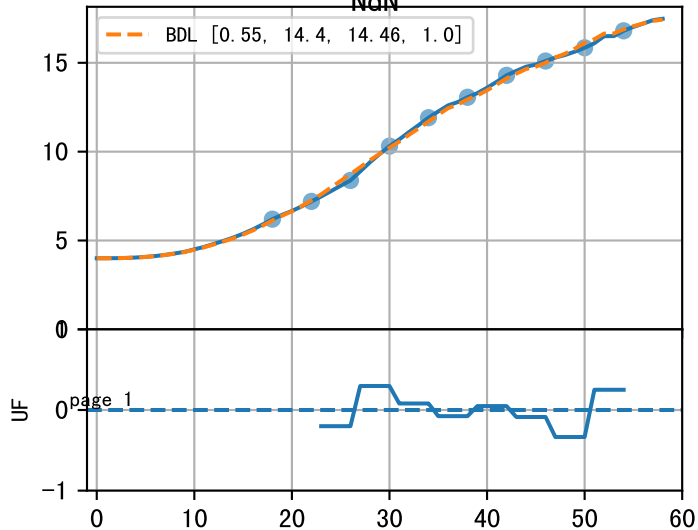
P10AE-103-32 (fit failed)



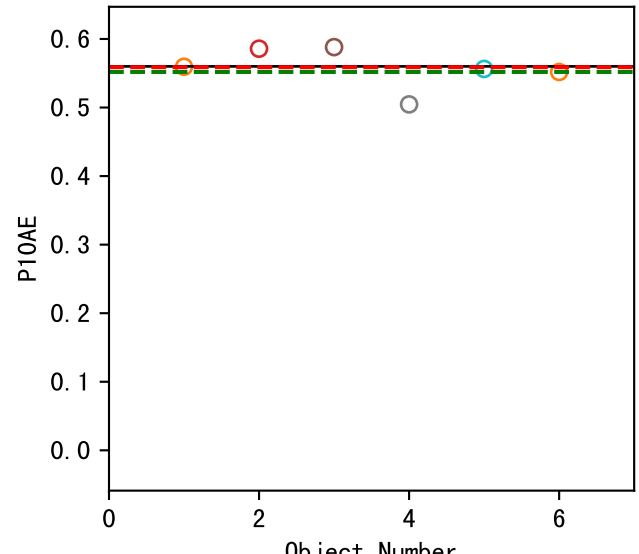
P10AE-114-7 (fit failed)



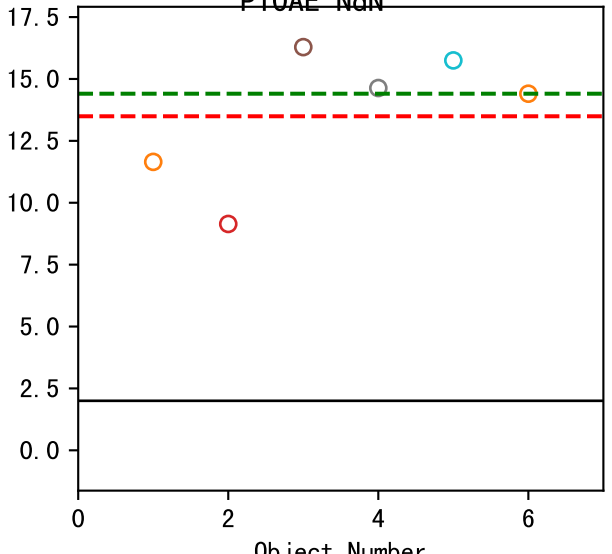
PIOAEavg (fit failed)
NdN



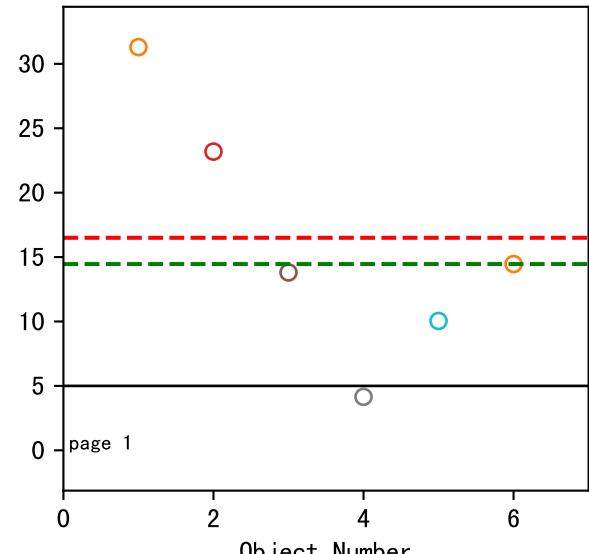
avg1=0.56 (fail) avg2=0.55

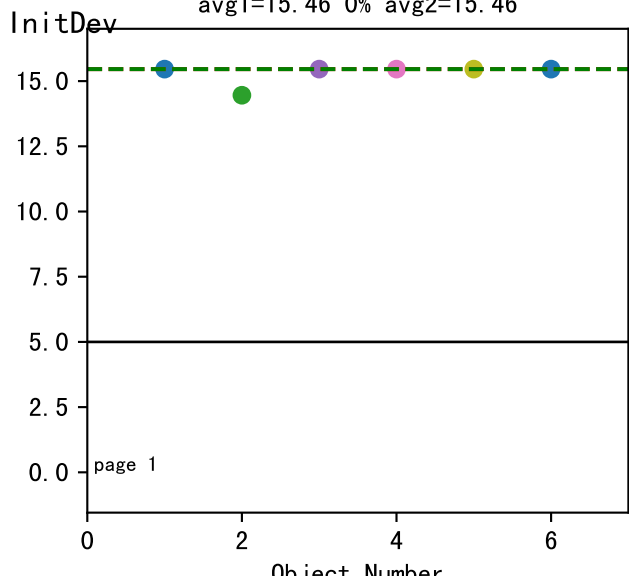
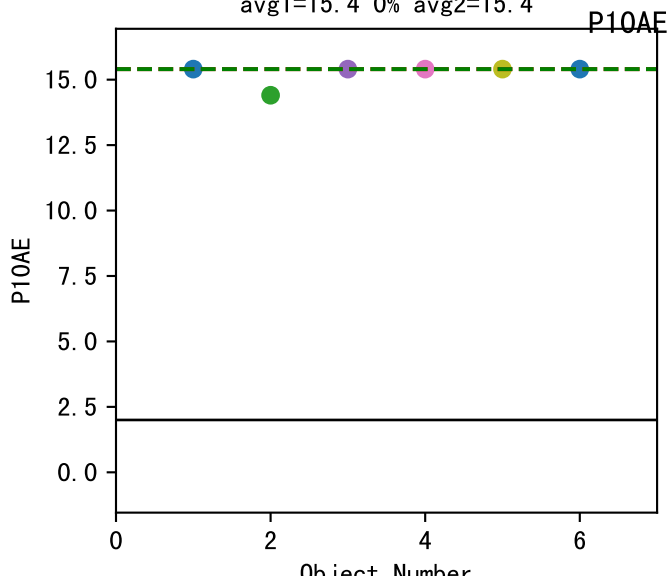


avg1=13.49 (fail) avg2=14.4

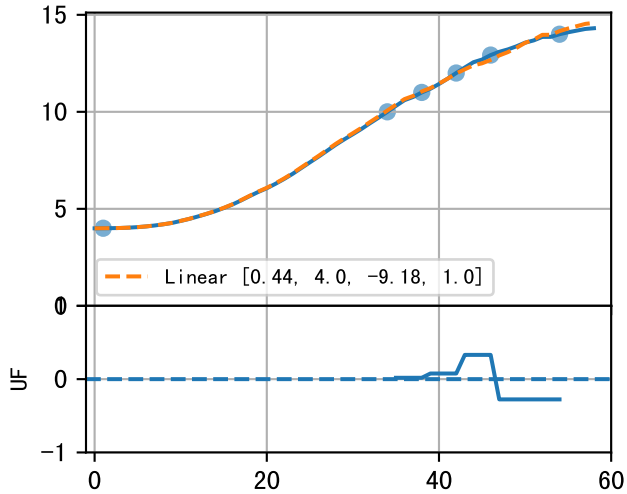


avg1=16.5 (fail) avg2=14.46

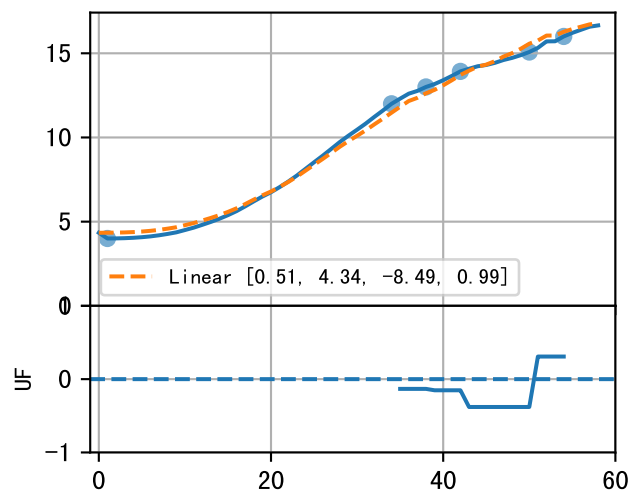




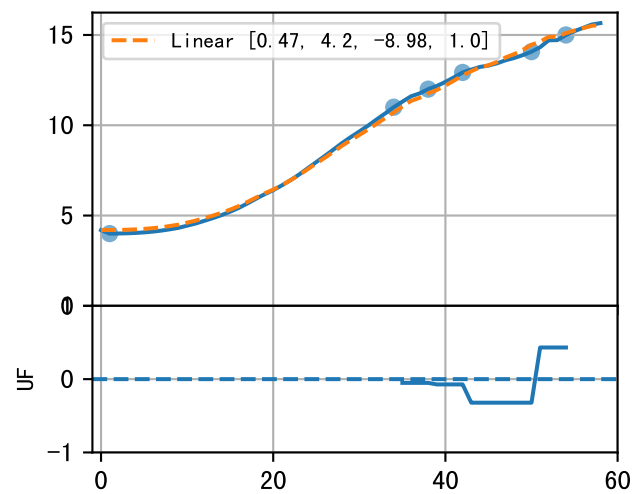
P10AE-081-12



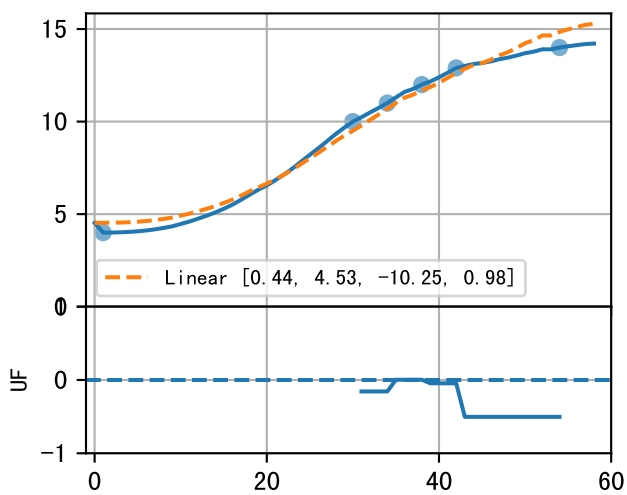
P10AE-087-27



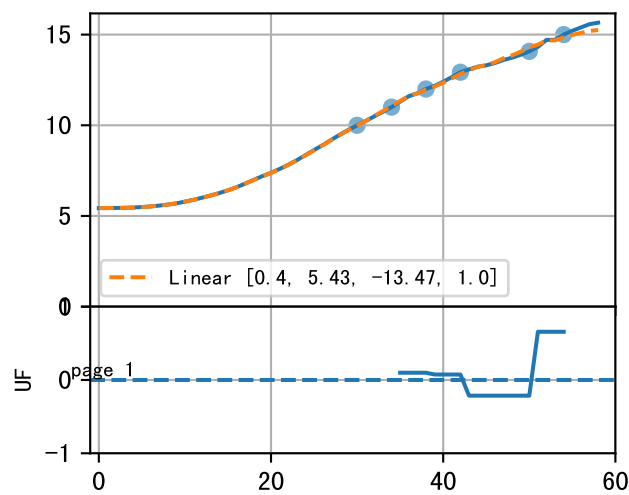
P10AE-095-20



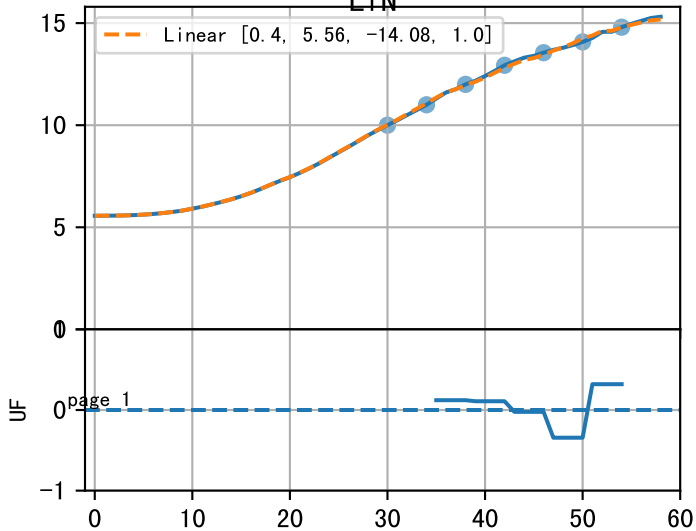
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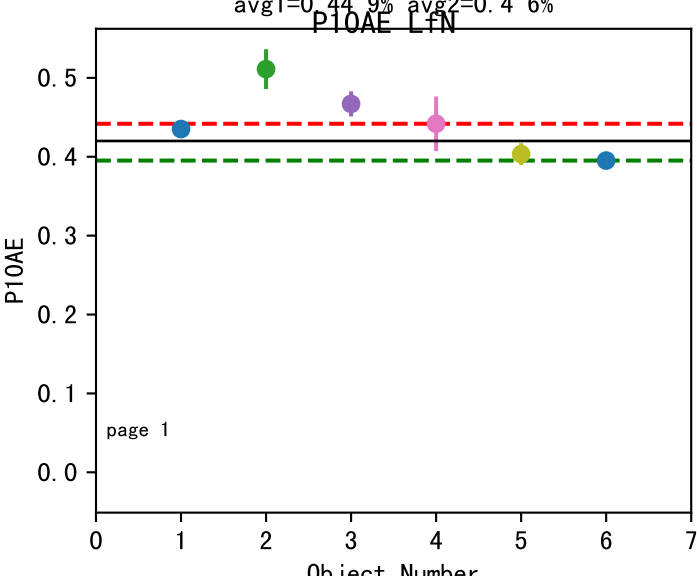


P10AE-114-7

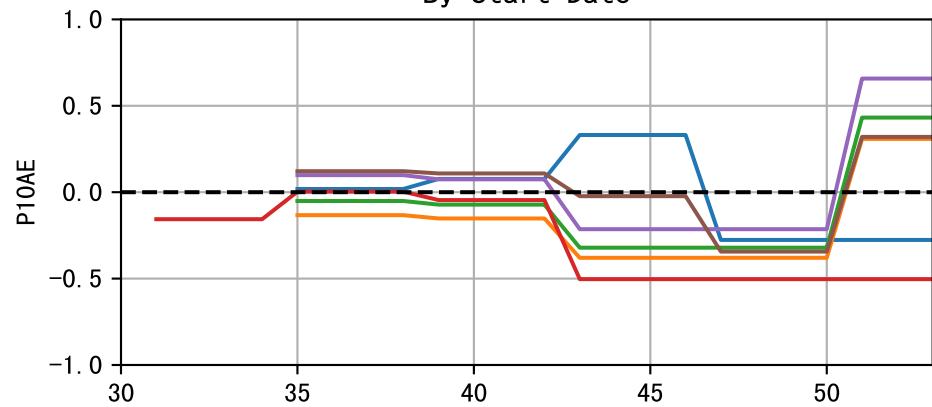


PTUARavg
Lfn

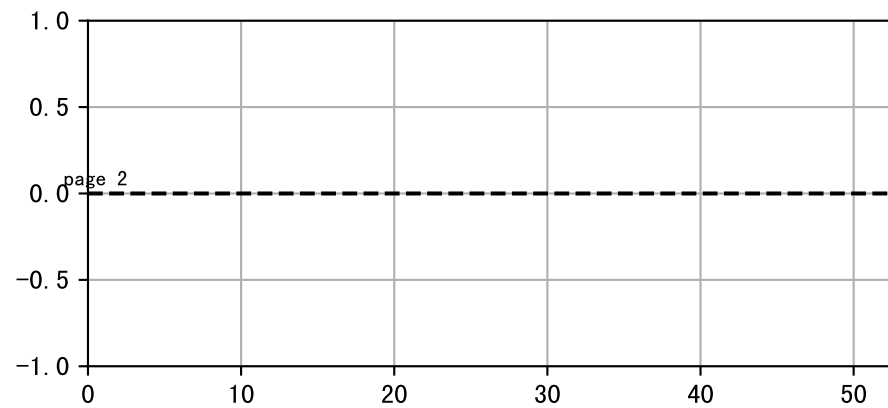
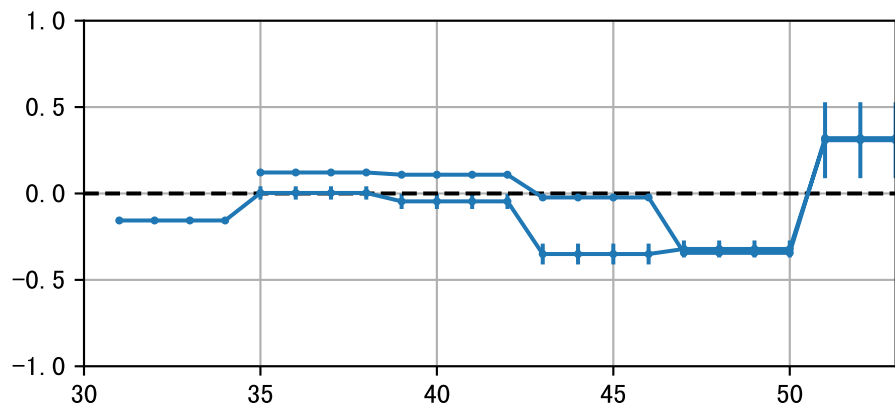
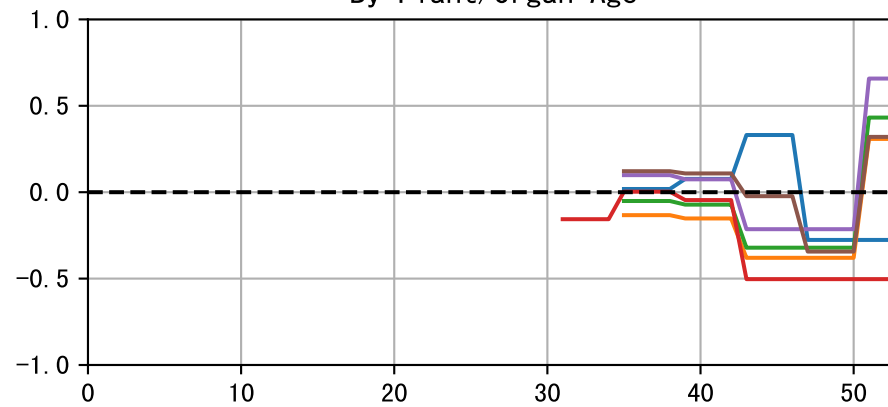




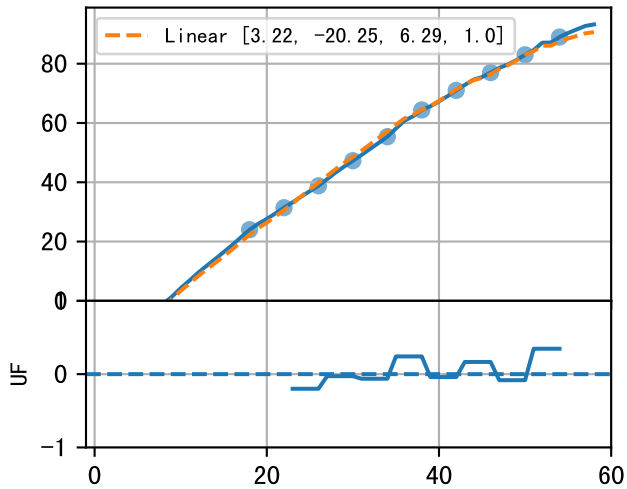
By Start Date



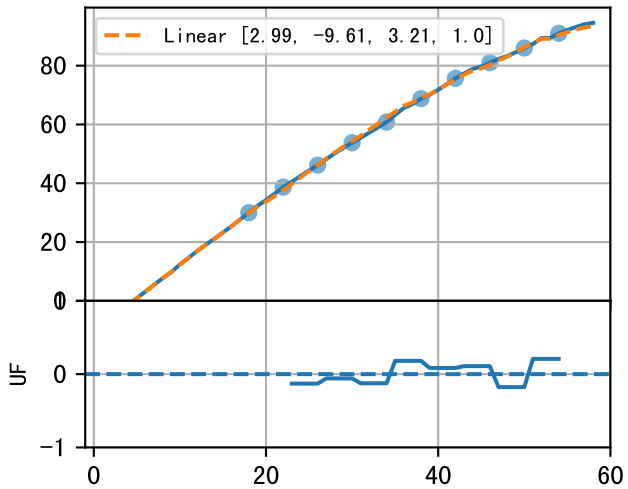
By Plant/Organ Age



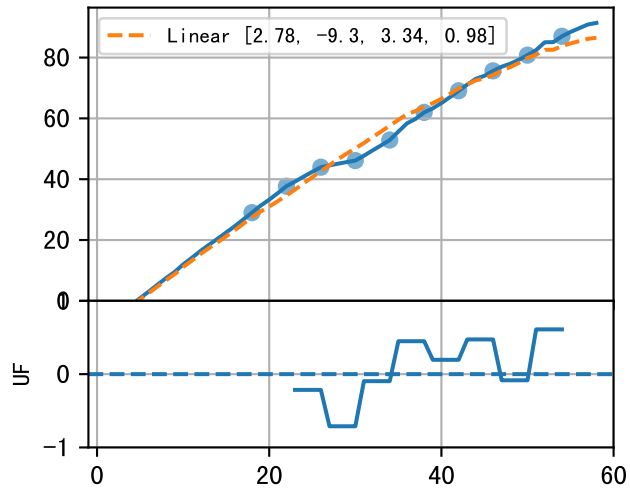
P10AE-081-12



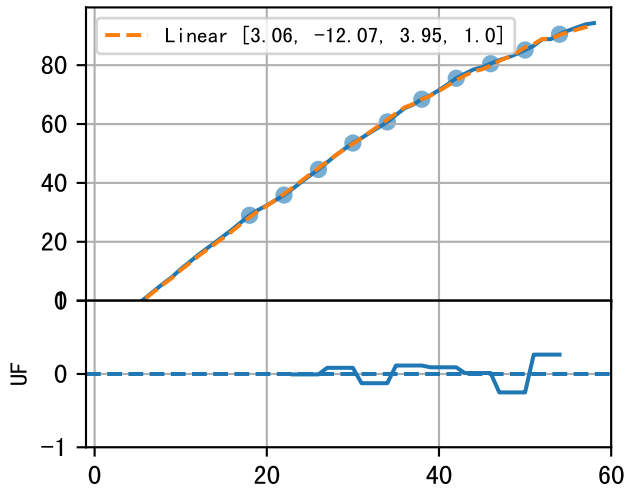
P10AE-087-27



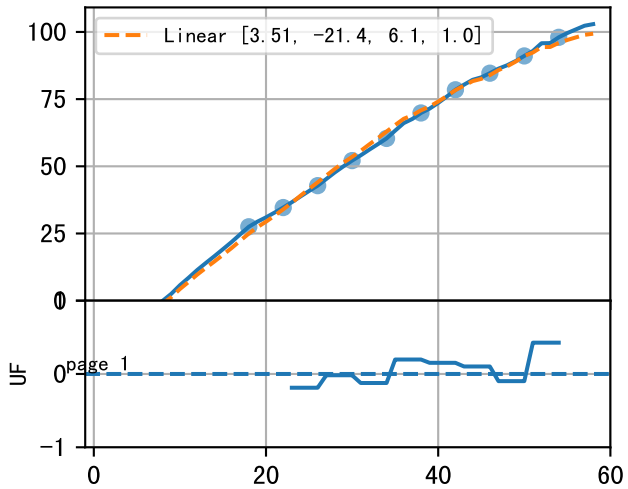
P10AE-095-20

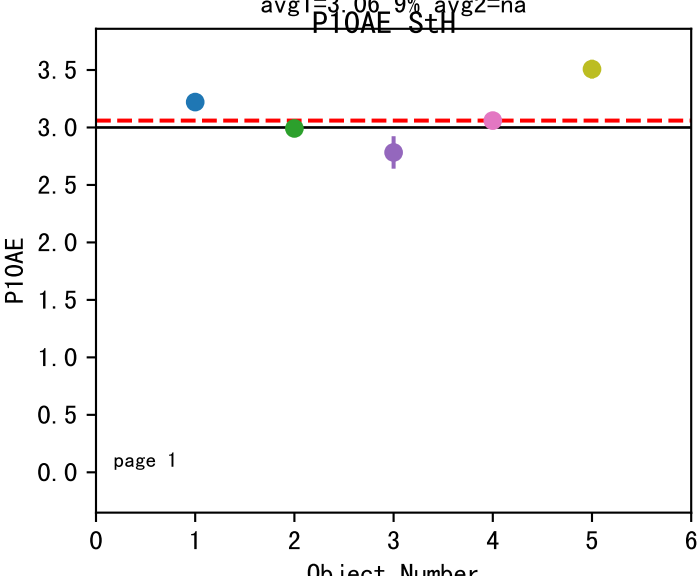


P10AE-103-32

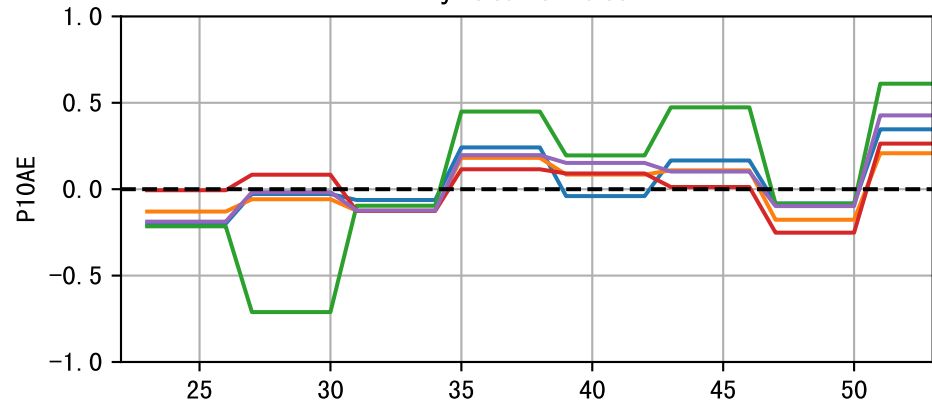


P10AE-114-7

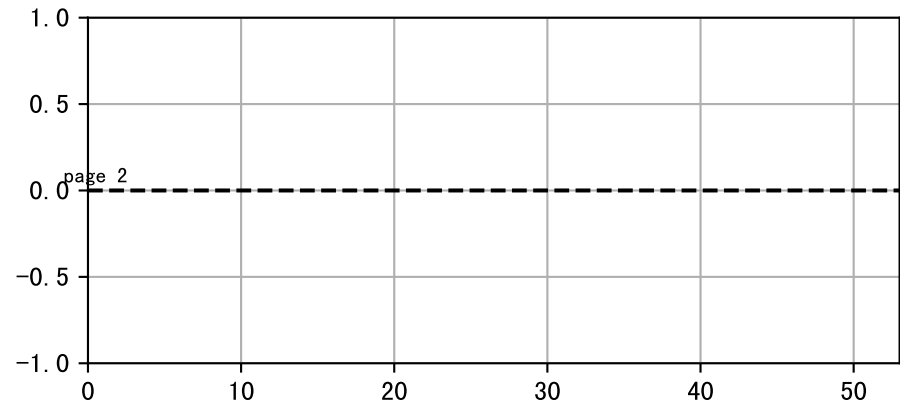
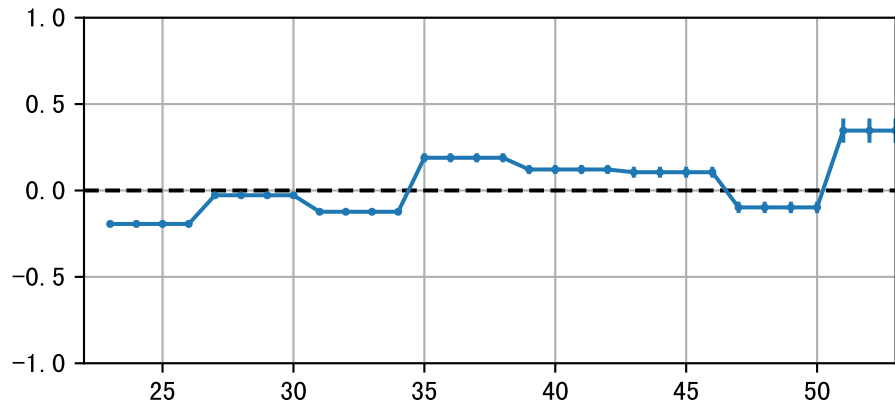
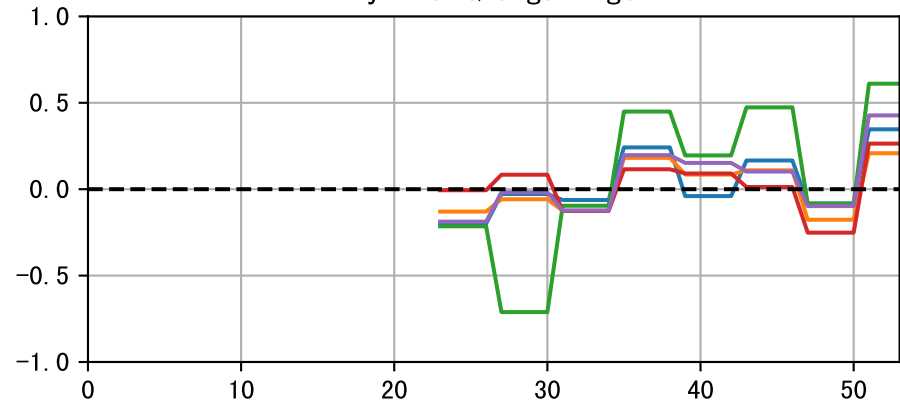




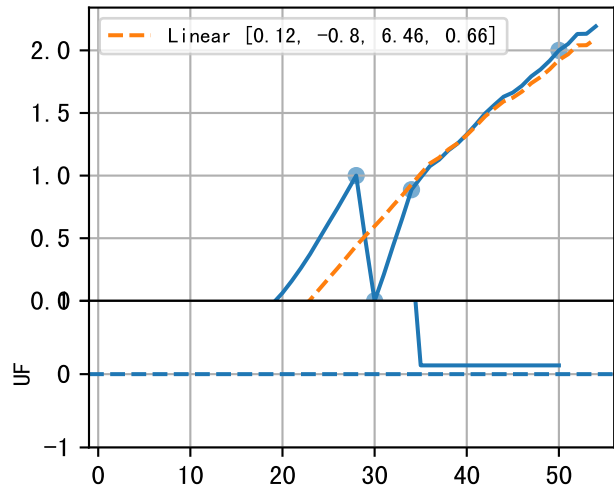
By Start Date



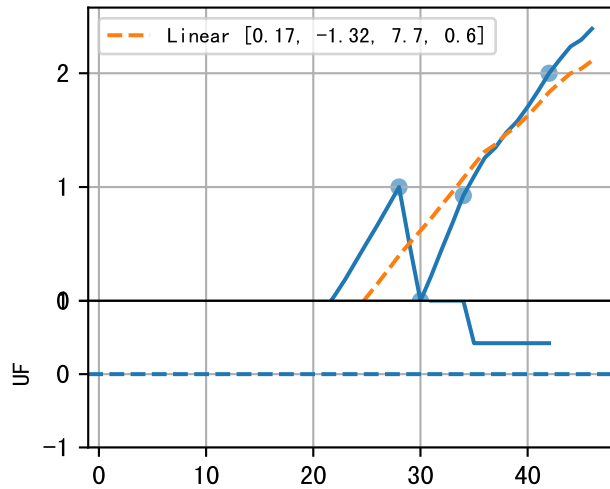
By Plant/Organ Age



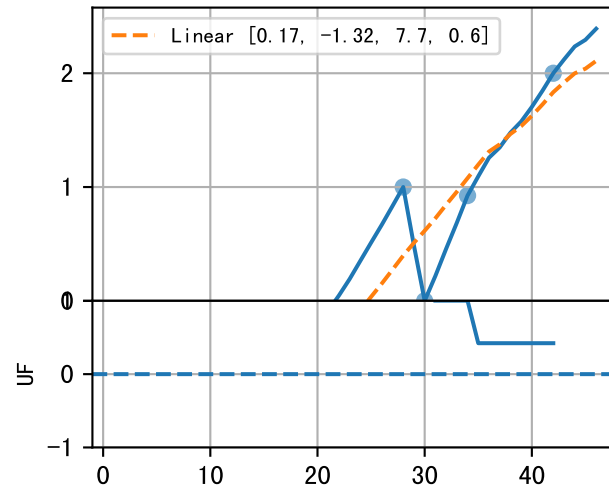
P10AE-081-12



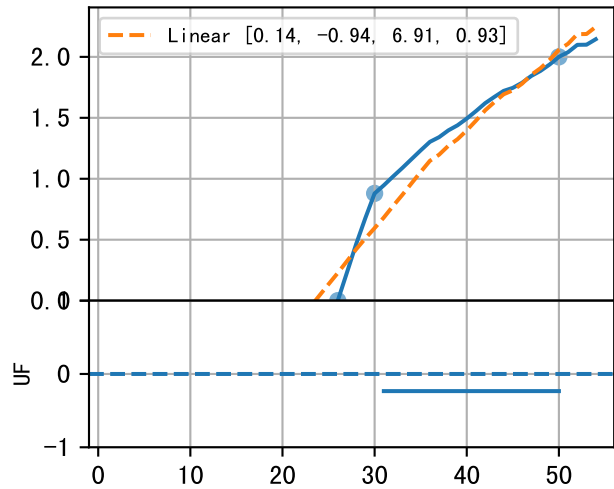
P10AE-087-27



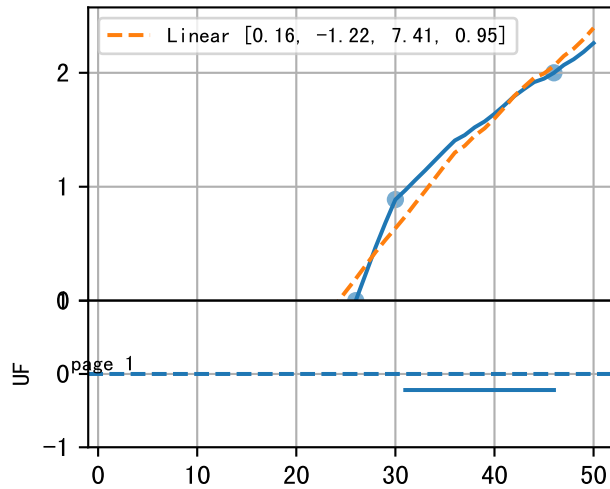
P10AE-095-20



P10AE-103-32

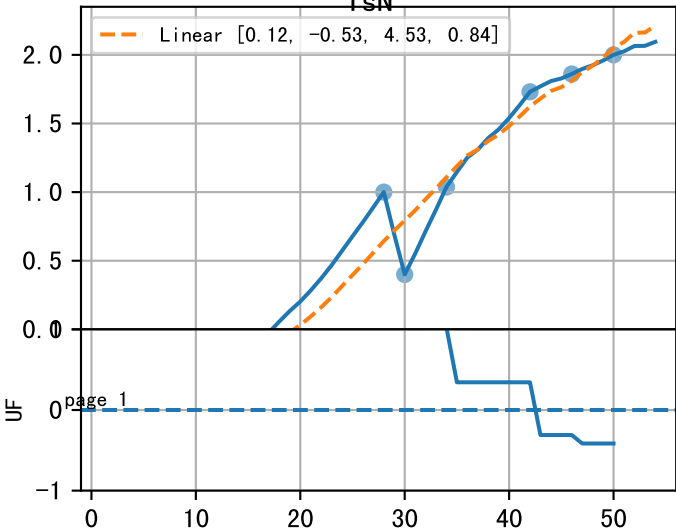


P10AE-114-7



PTUARavg
TSN

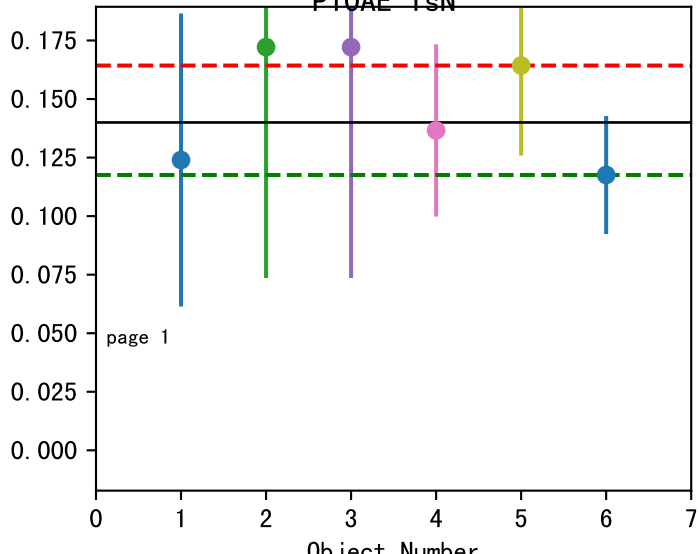
Linear [0.12, -0.53, 4.53, 0.84]



page 1

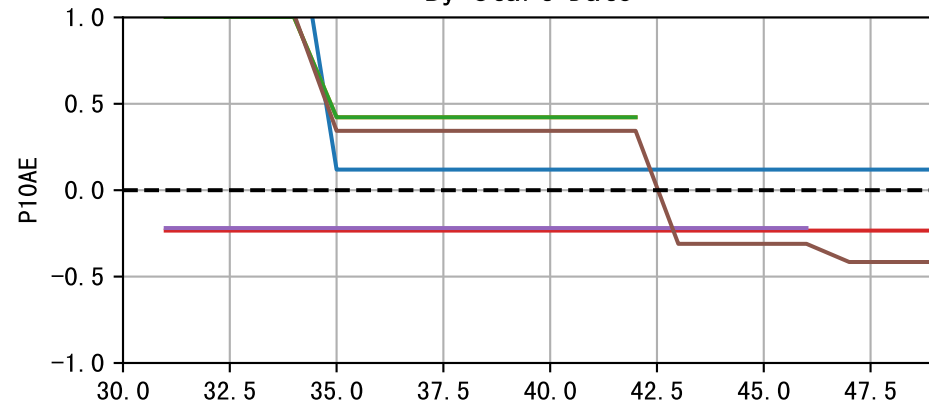
avg1=0.16 14% avg2=0.12 43%

P10AE TSN

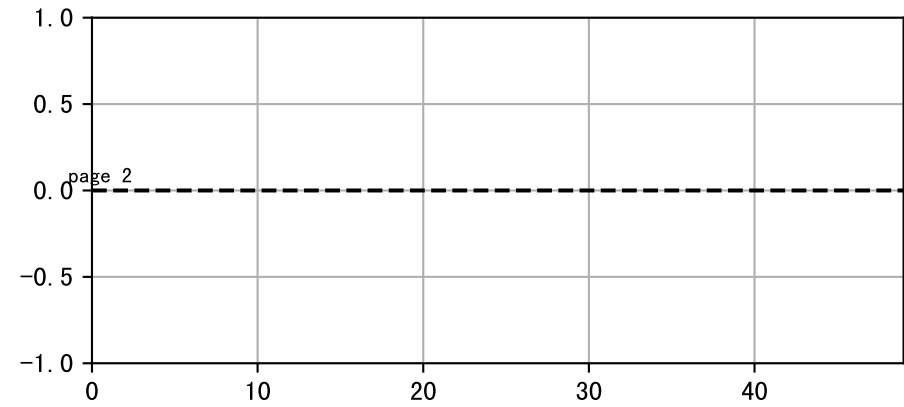
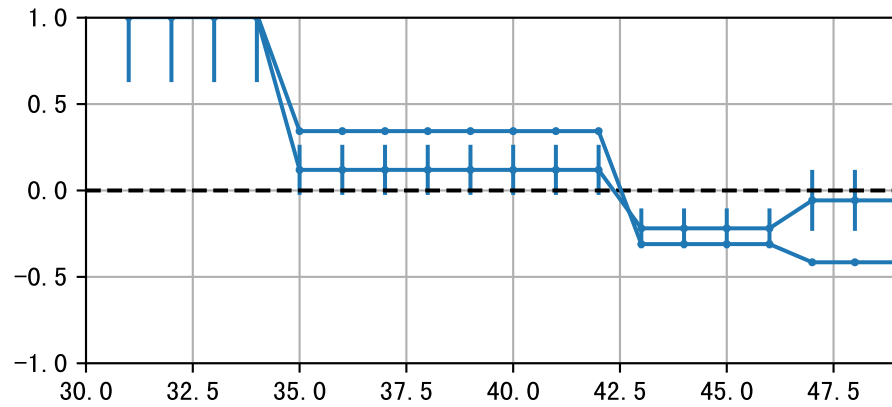
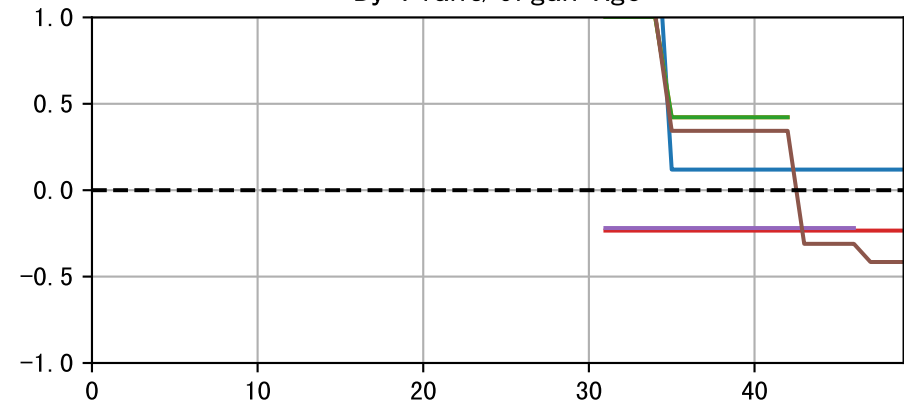


page 1

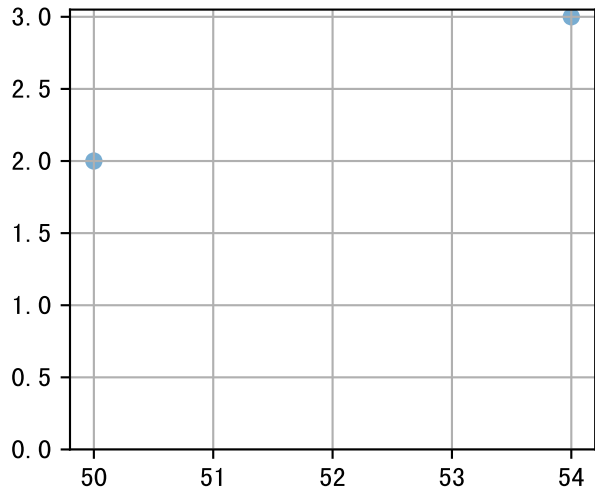
By Start Date



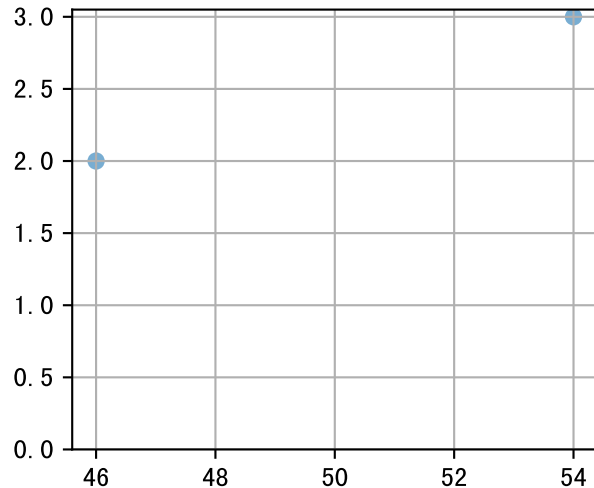
By Plant/Organ Age



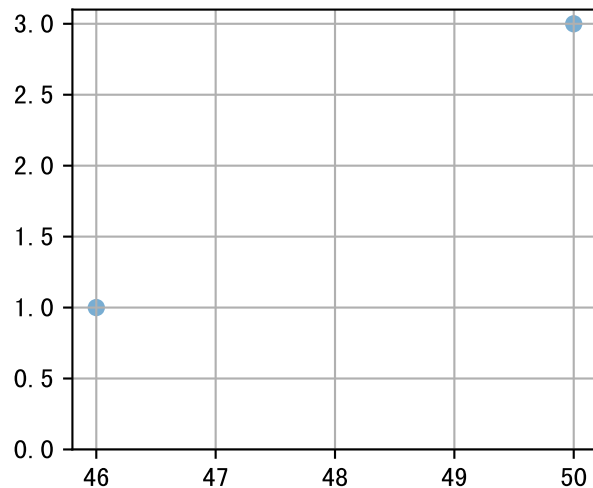
P10AE-081-12T1 (fit failed)



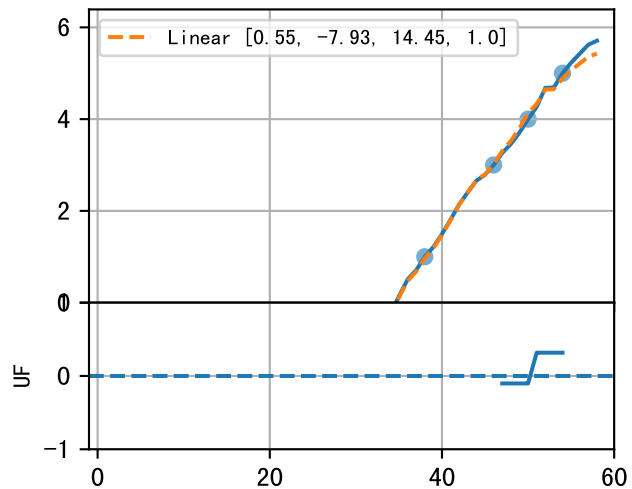
P10AE-087-27T1 (fit failed)



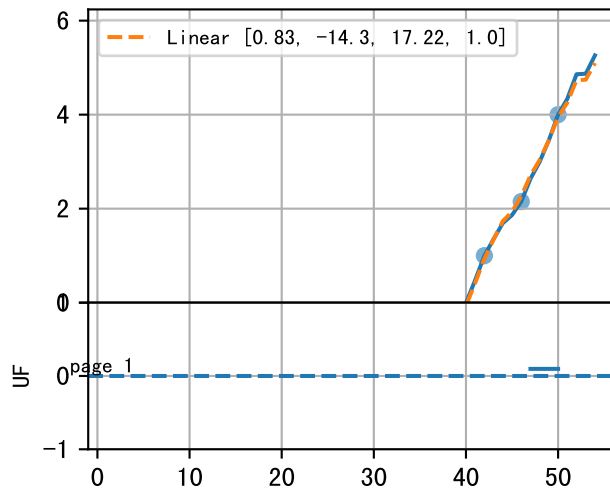
P10AE-095-20T1 (fit failed)

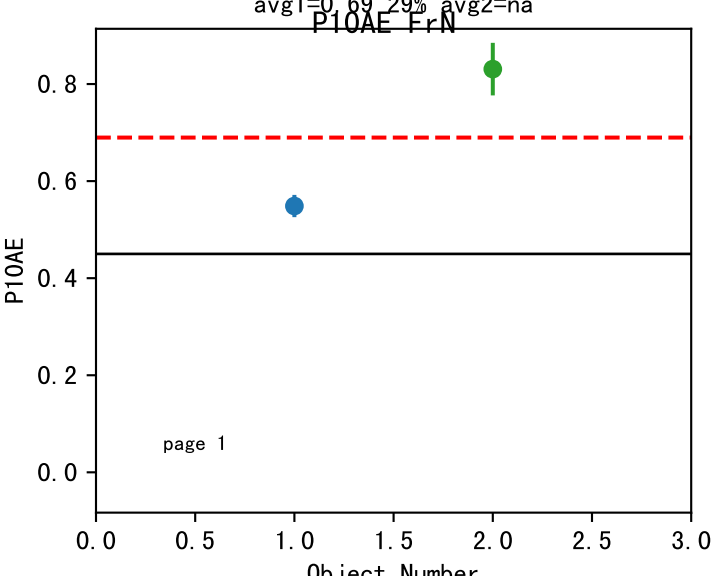


P10AE-103-32T1

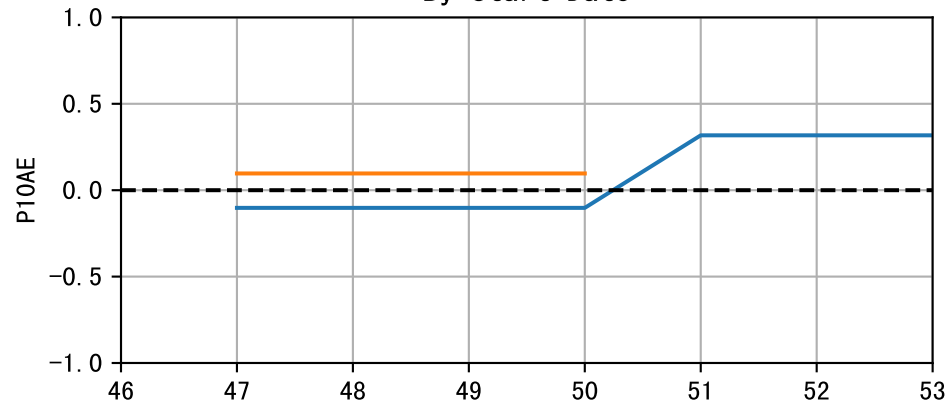


P10AE-114-7T1

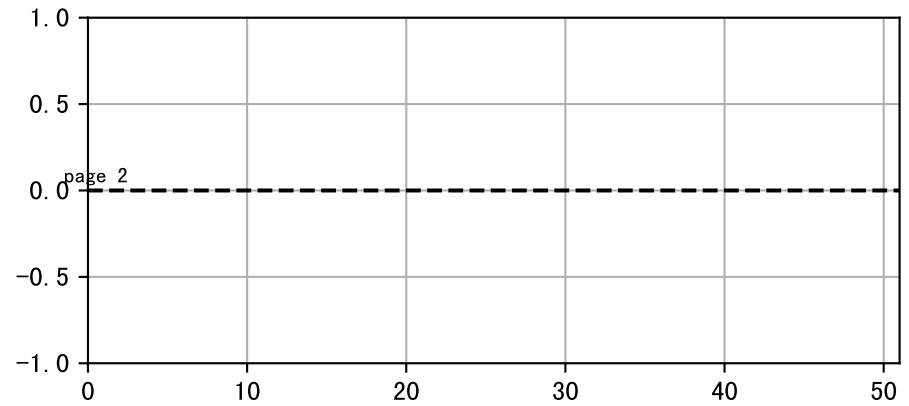
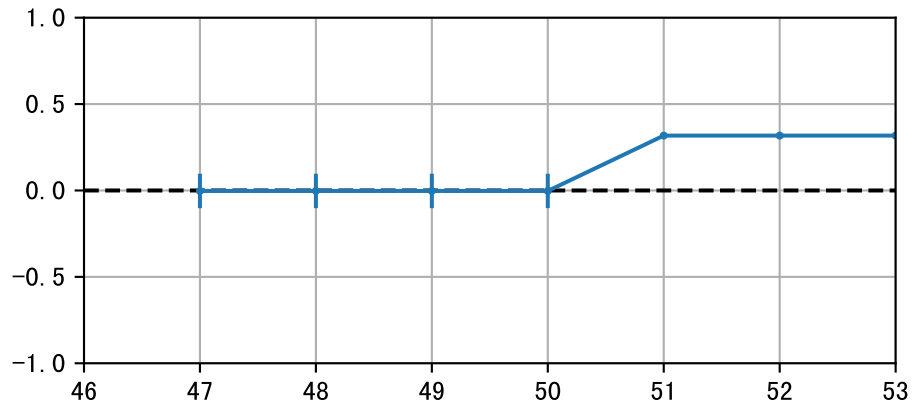
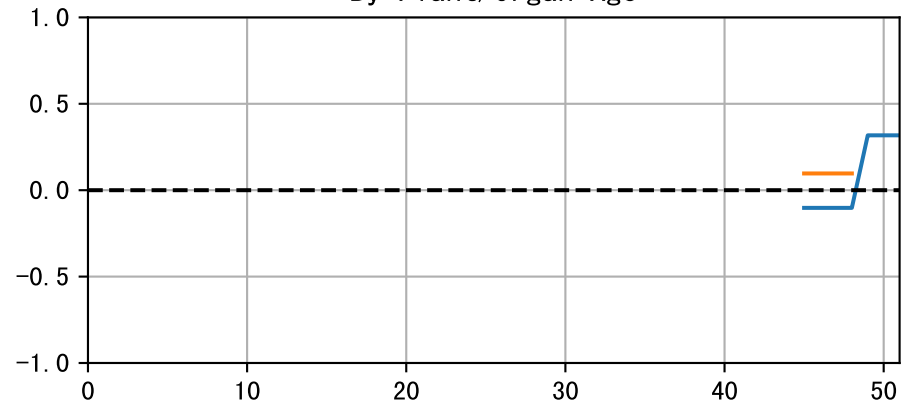




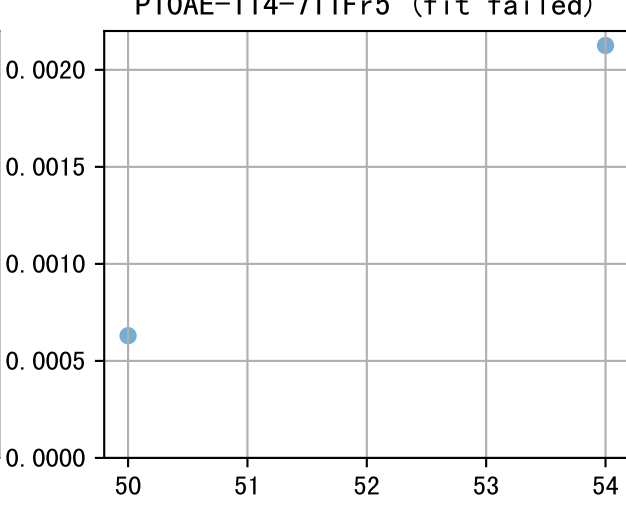
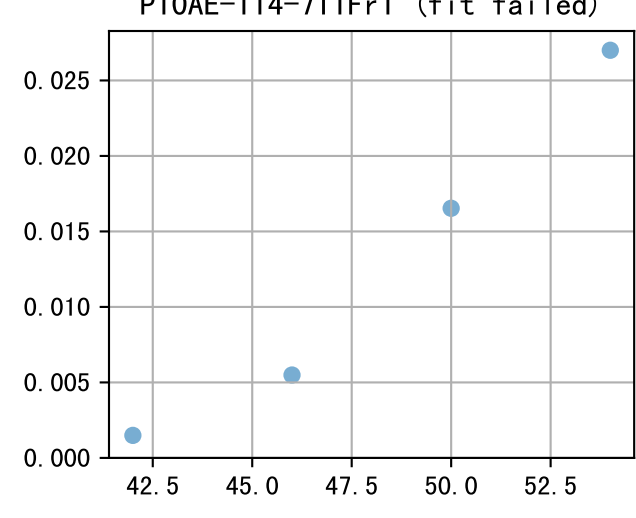
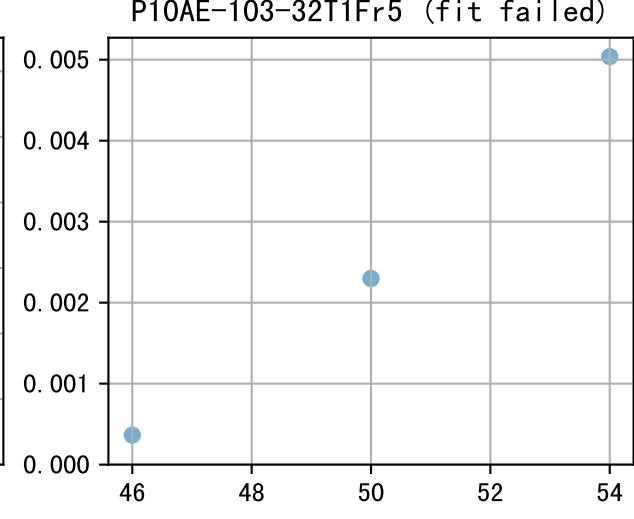
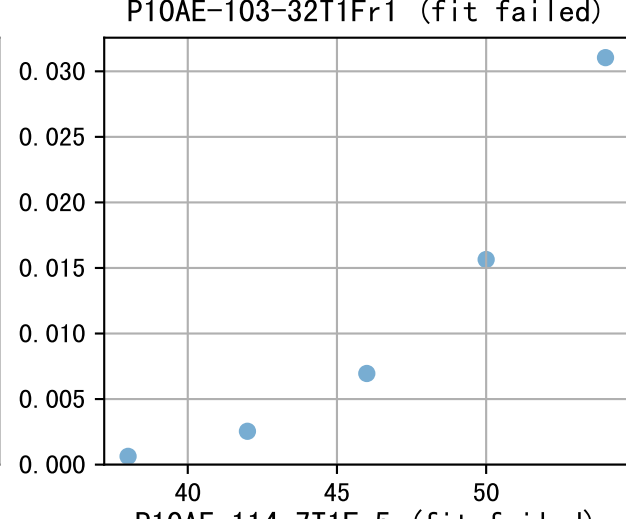
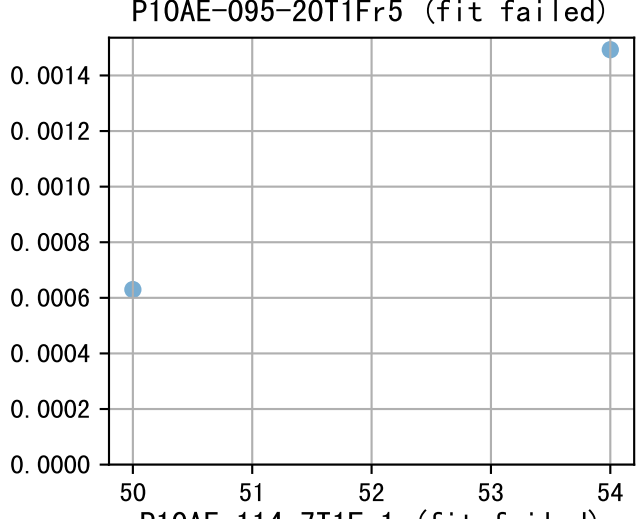
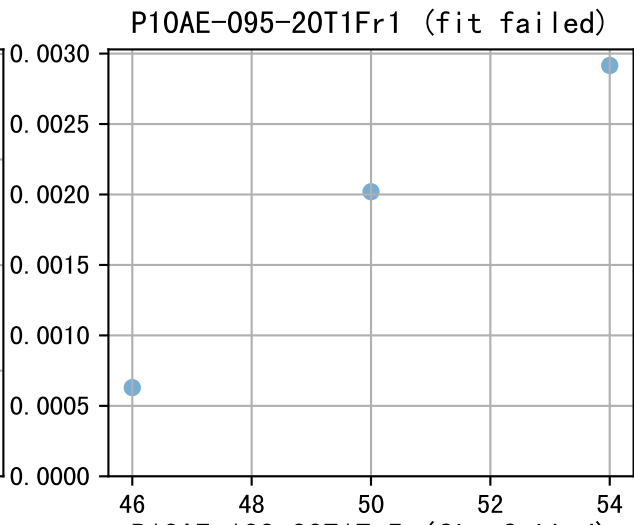
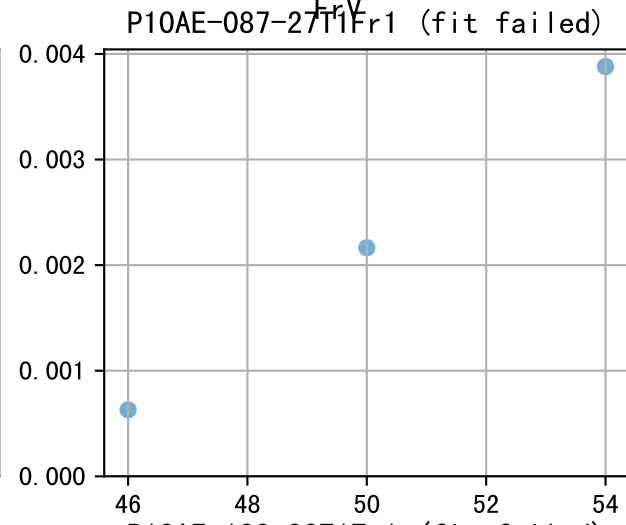
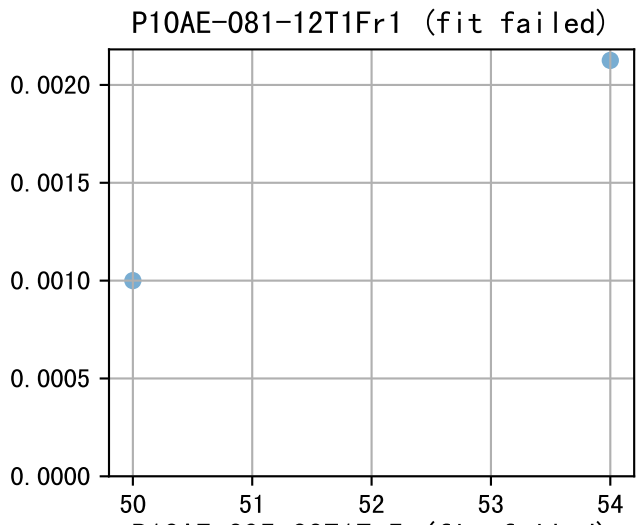
By Start Date



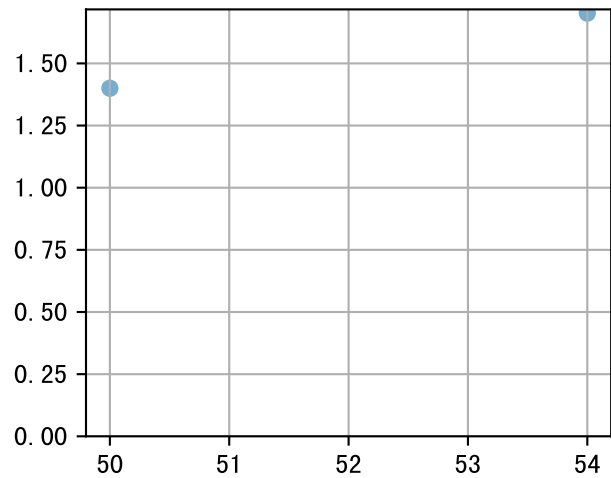
By Plant/Organ Age



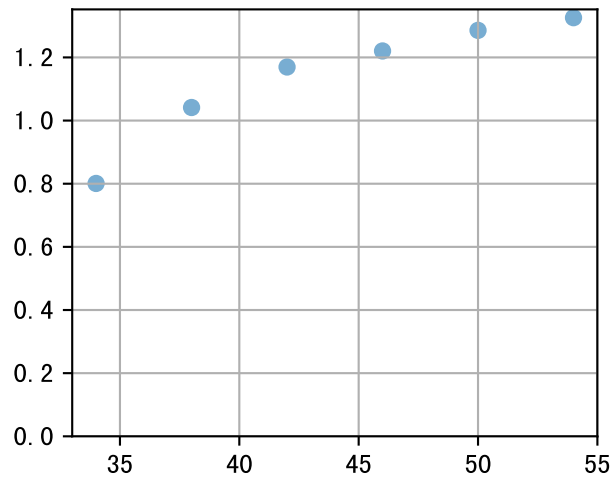
FrV



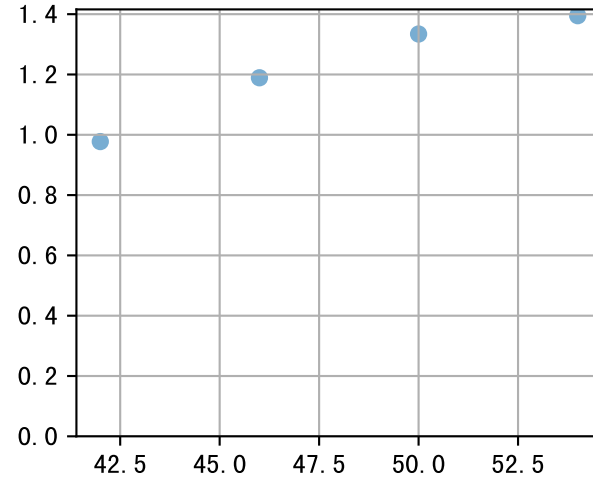
P10AE-081-12L10 (fit failed)



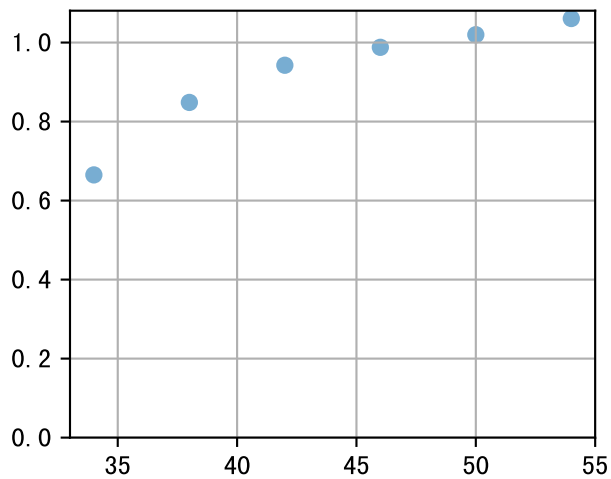
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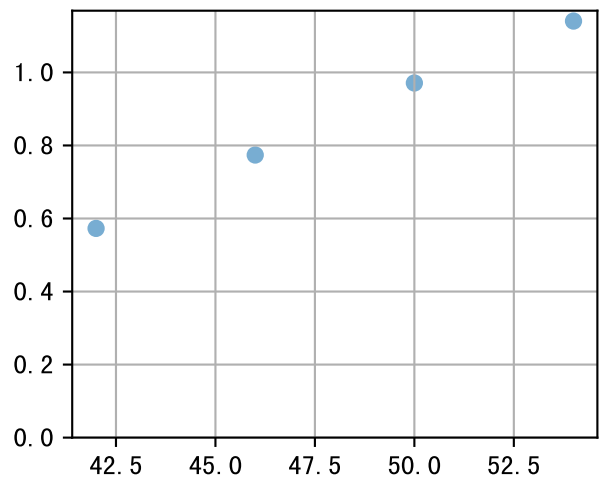
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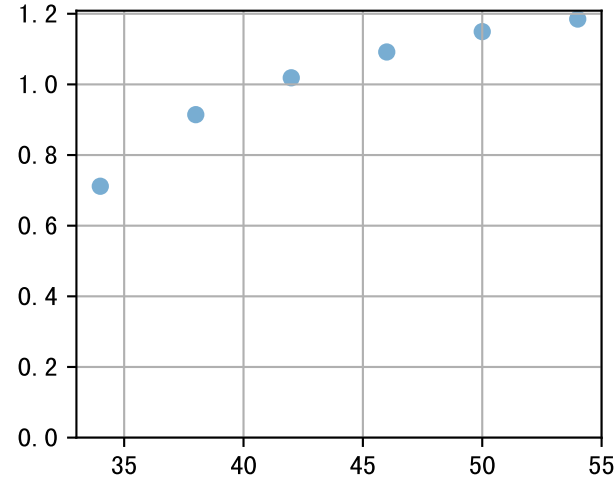
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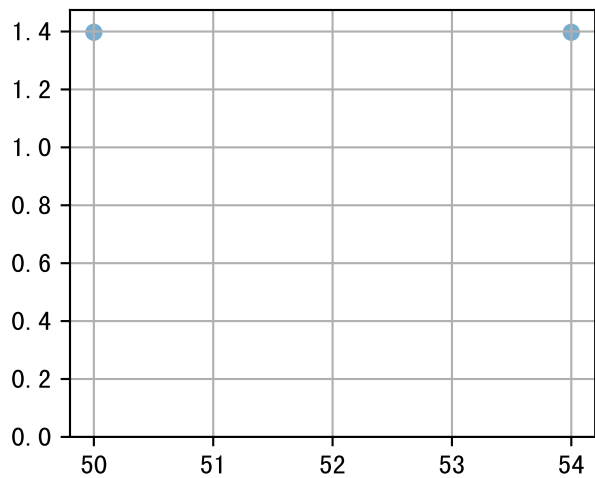
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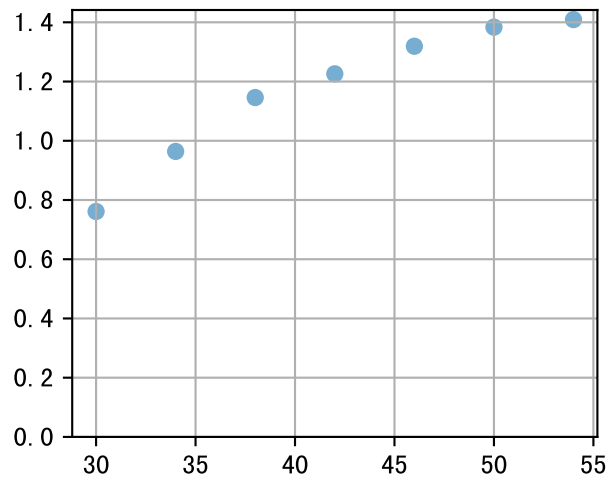
P10AE-095-20L7 (fit failed)



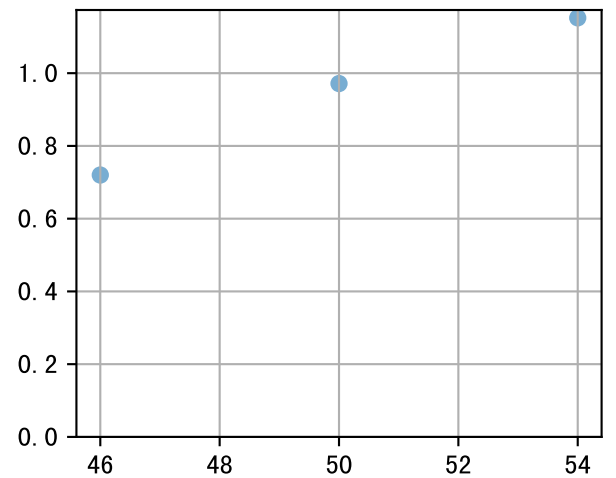
P10AE-103-32L10 (fit failed)



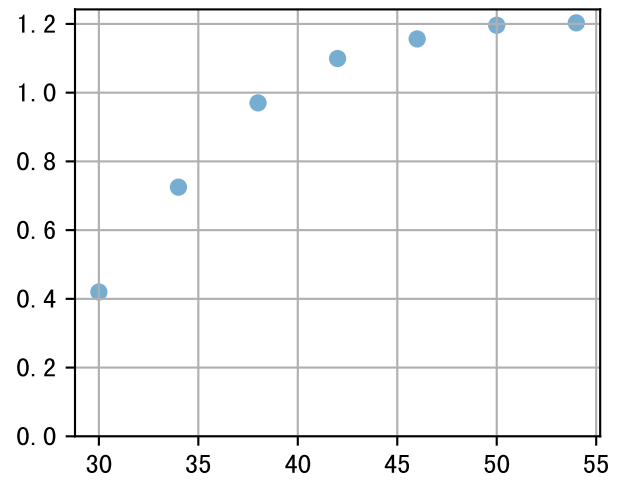
P10AE-103-32L7 (fit failed)



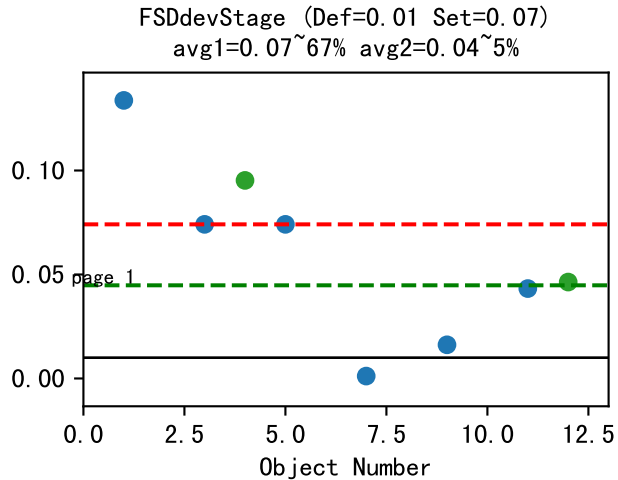
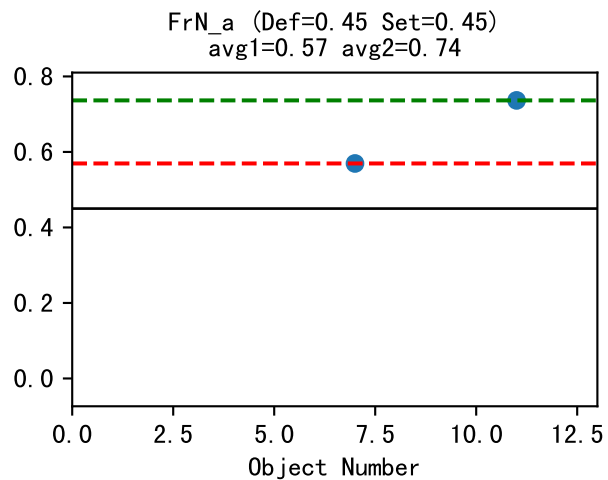
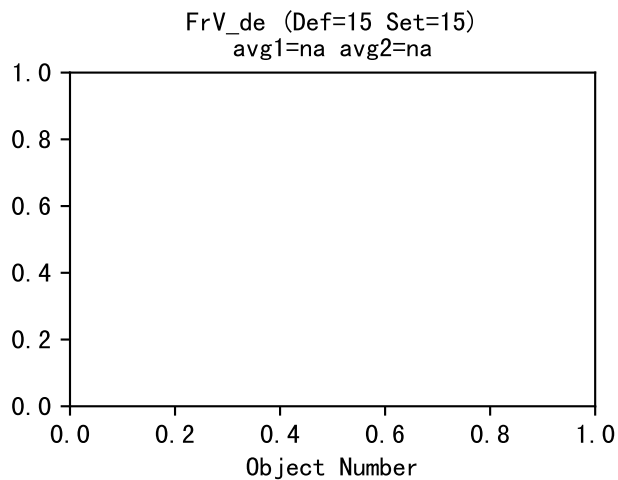
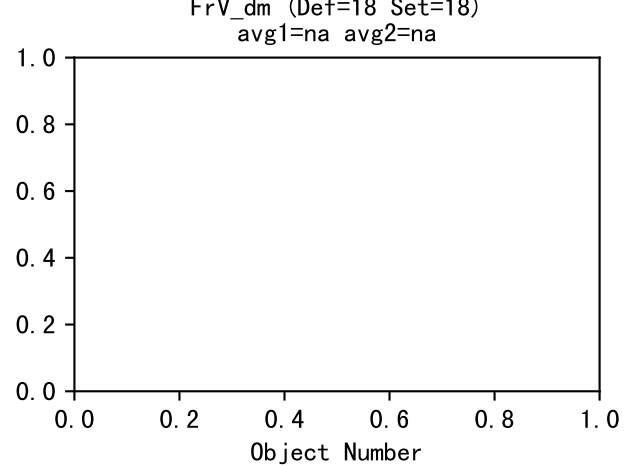
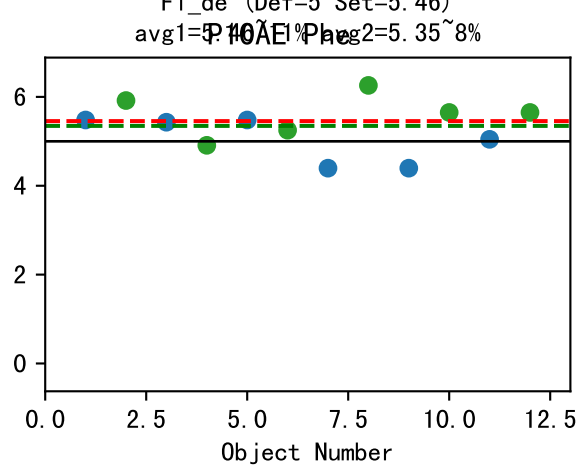
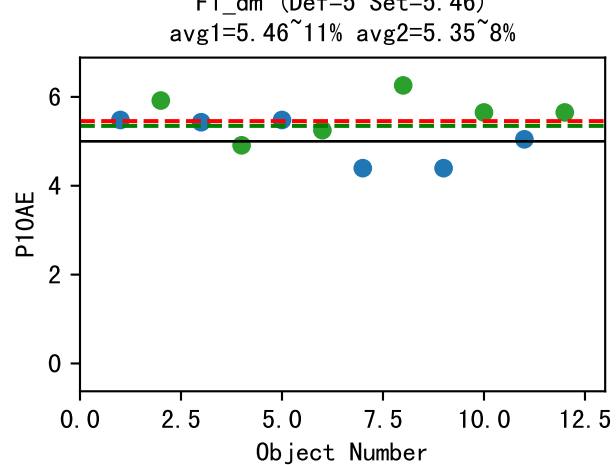
P10AE-114-7L10 (fit failed)



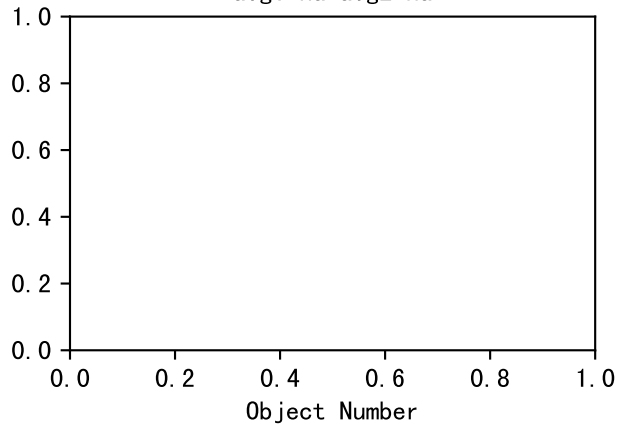
P10AE-114-7L7 (fit failed)



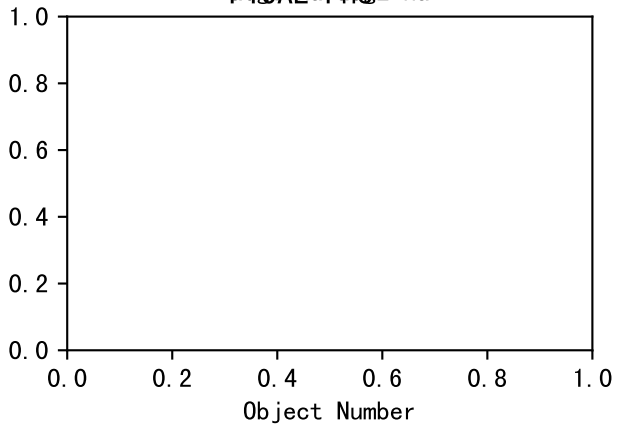
LfA



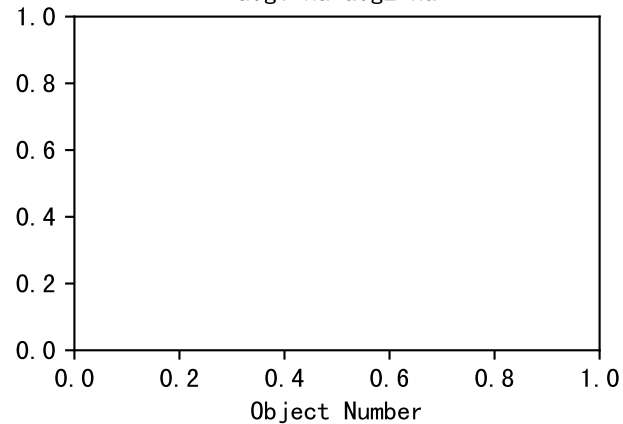
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



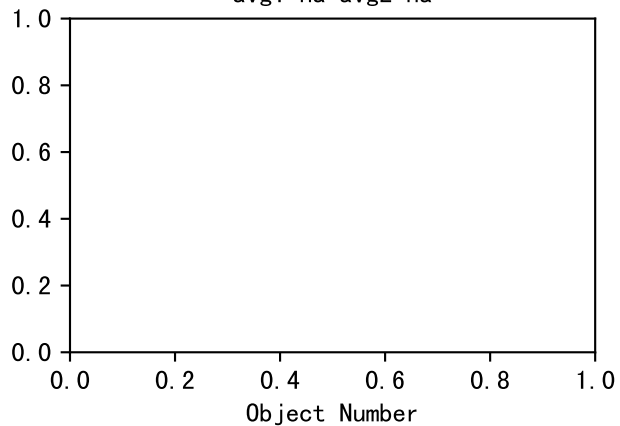
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



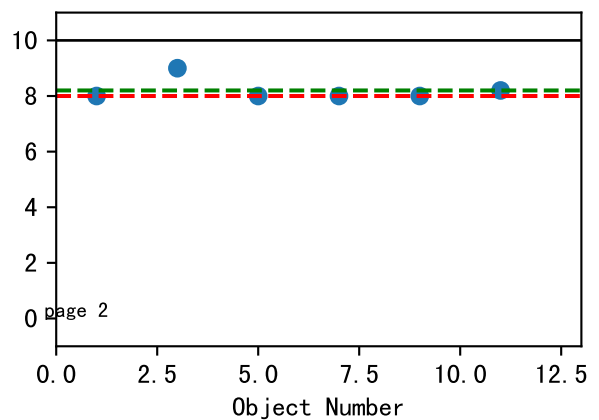
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



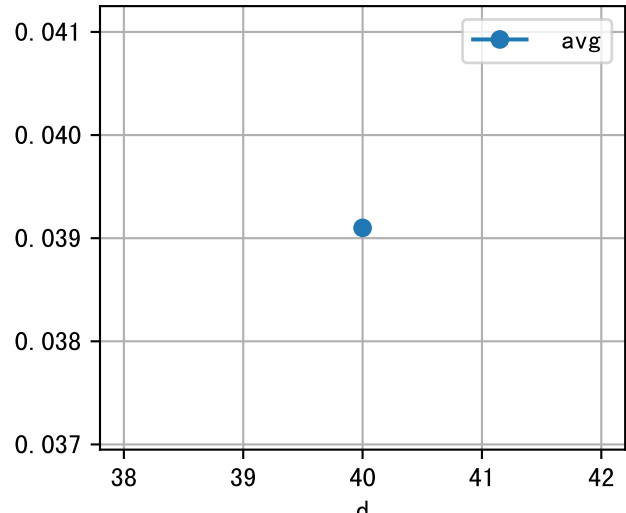
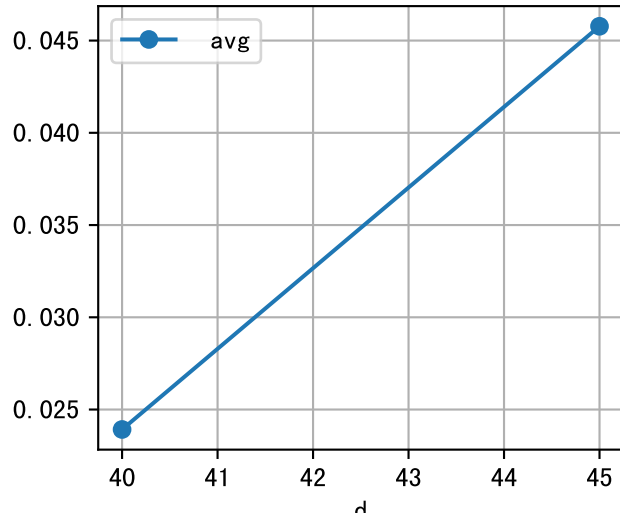
FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na



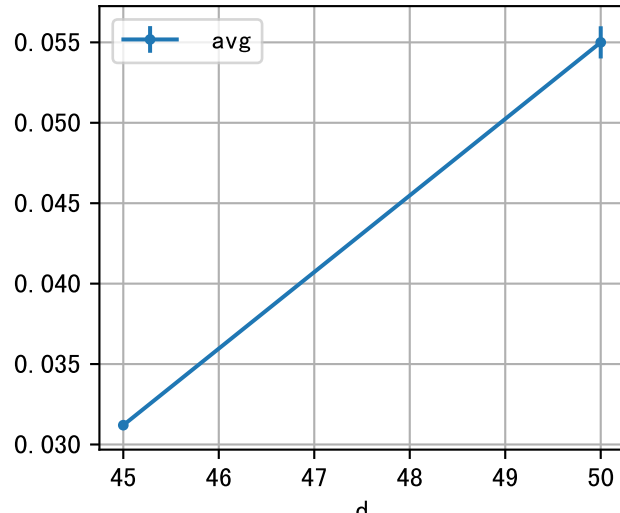
NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=8.2



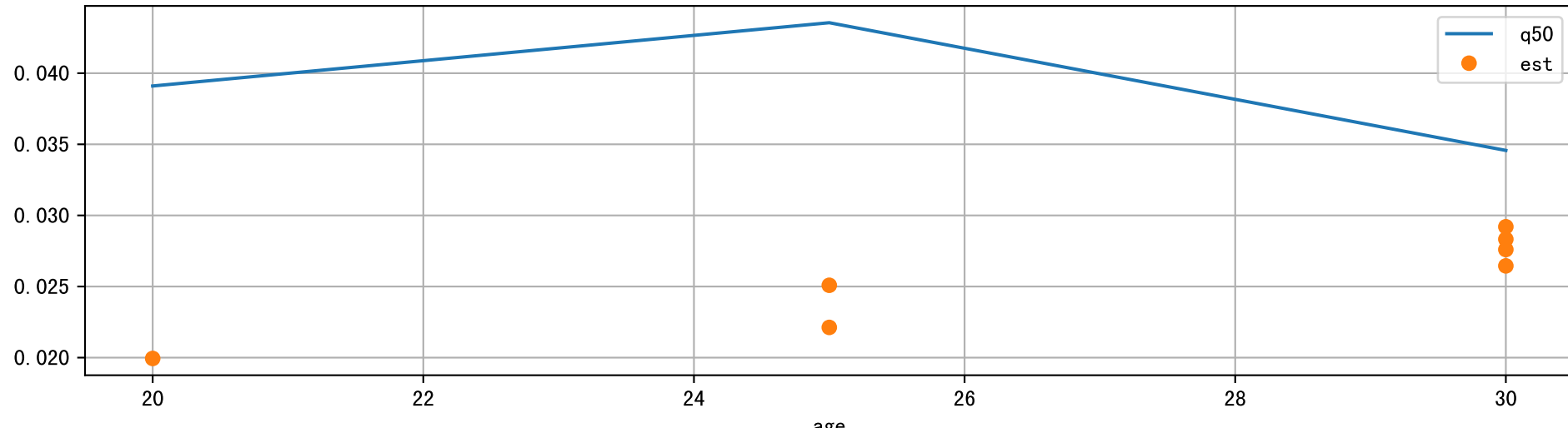
age=20

LfA: avg vs. d at each age group
age=25

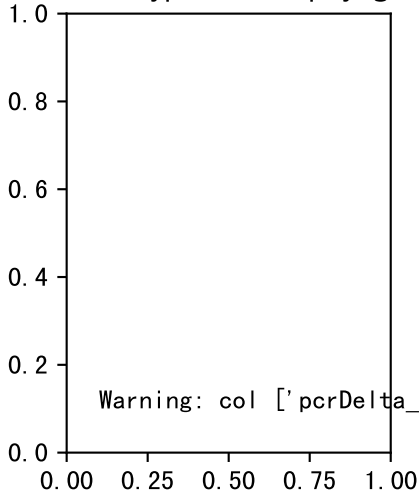
age=30



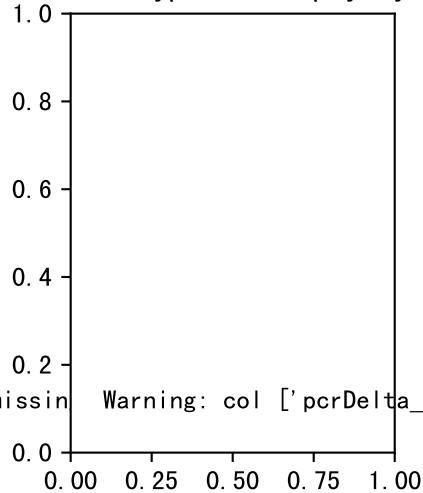
LfA: model est vs obs0v@Q50



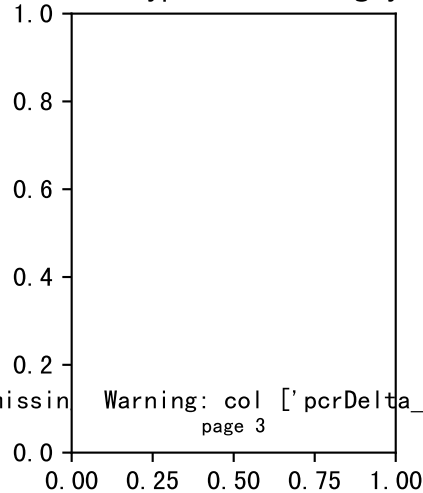
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

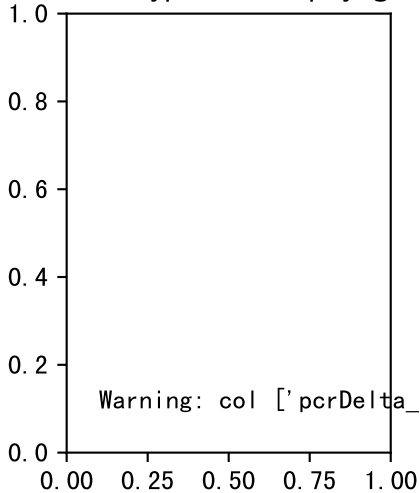


DeltaTypeAbbr=WeiAvgByD

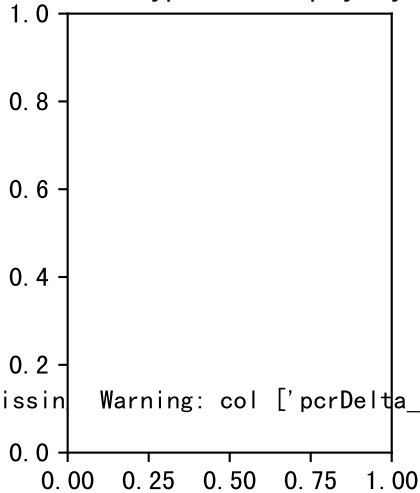


P10AE LfA: D_15d_LfA

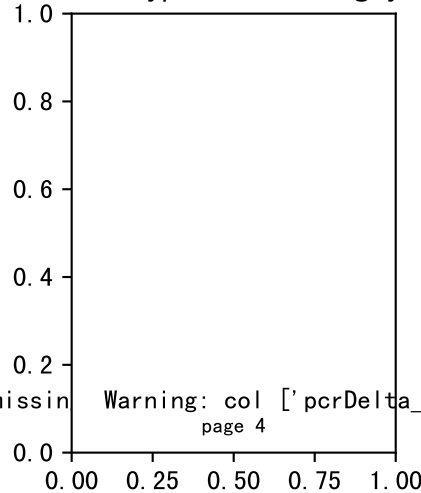
DeltaTypeAbbr=GrpByAge



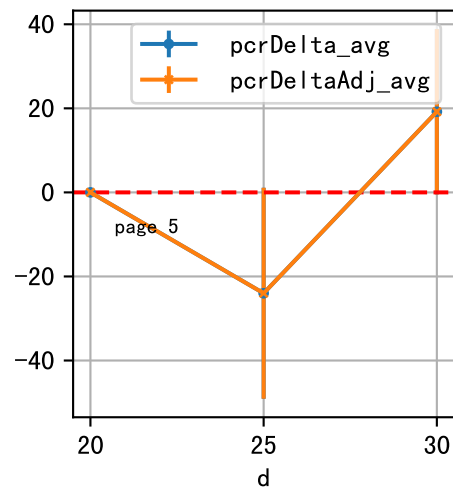
DeltaTypeAbbr=GrpByDay



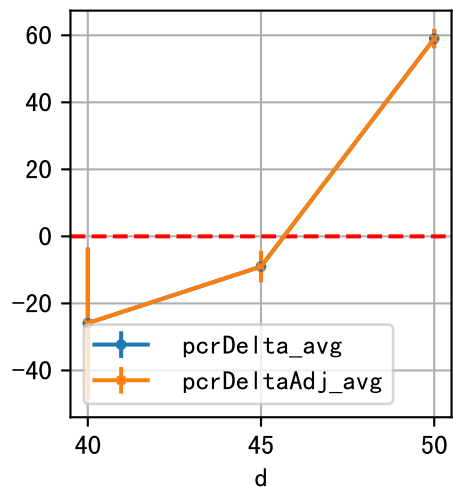
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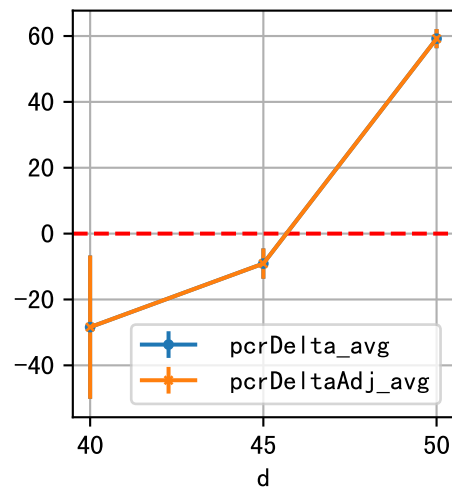
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DeltaTypeAbbr=GrpByDay

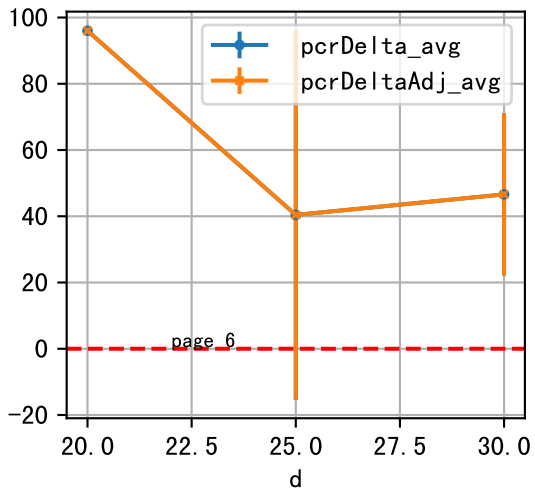


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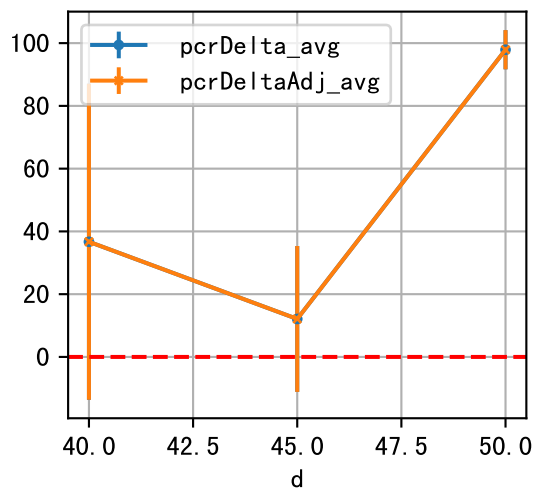


P10AE LfA: D_Est_LfA

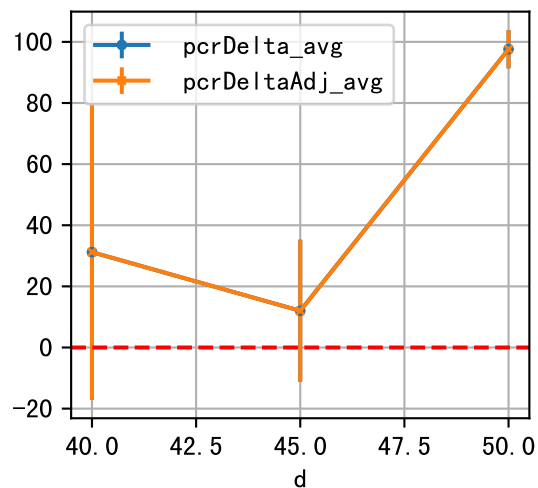
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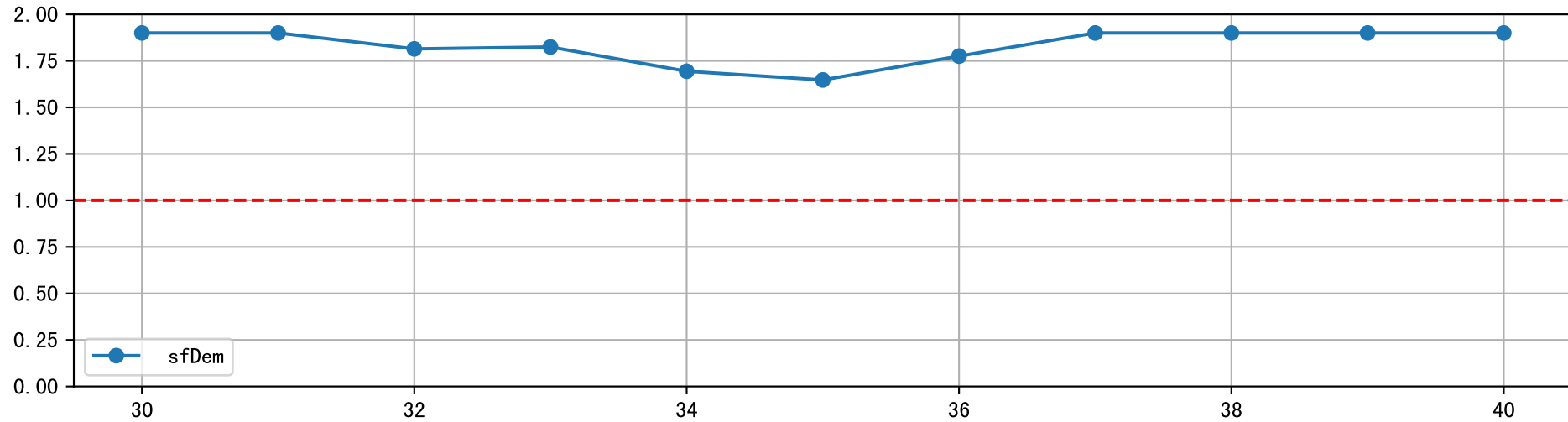
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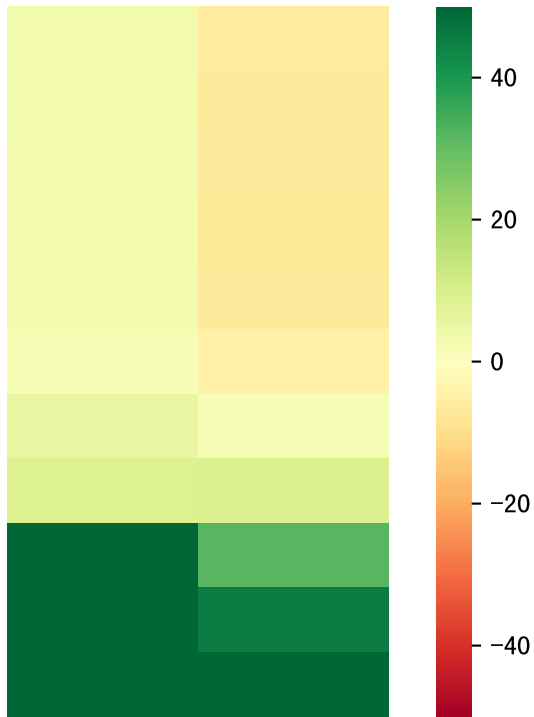
DeltaTypeAbbr=Wei AvgByD



LfA: sfDem

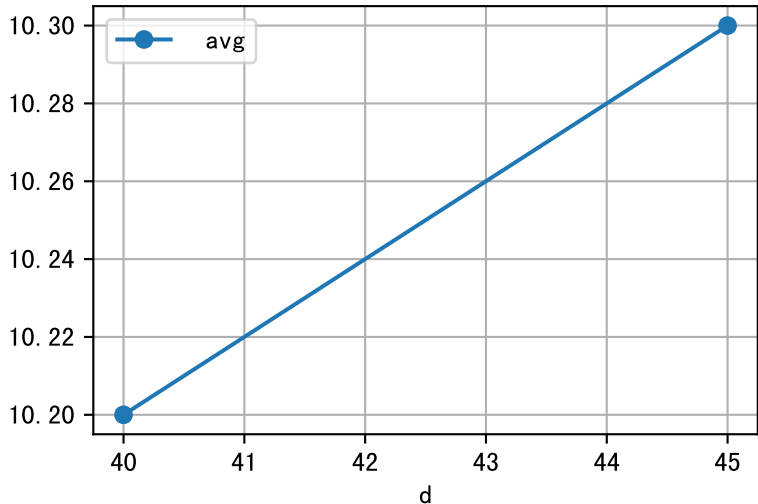


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45 -
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49 -
50 -

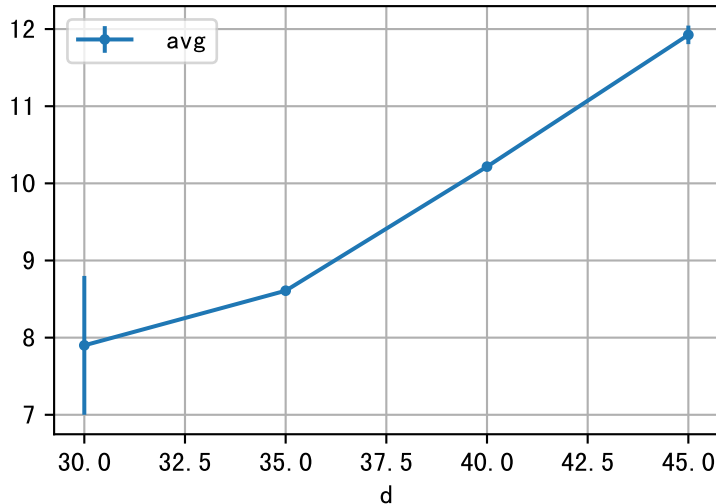


NdD: avg vs. d at each age group

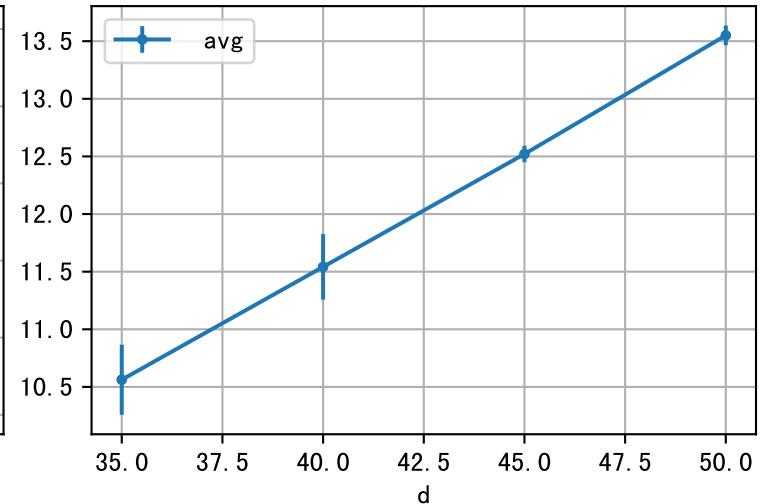
age=20



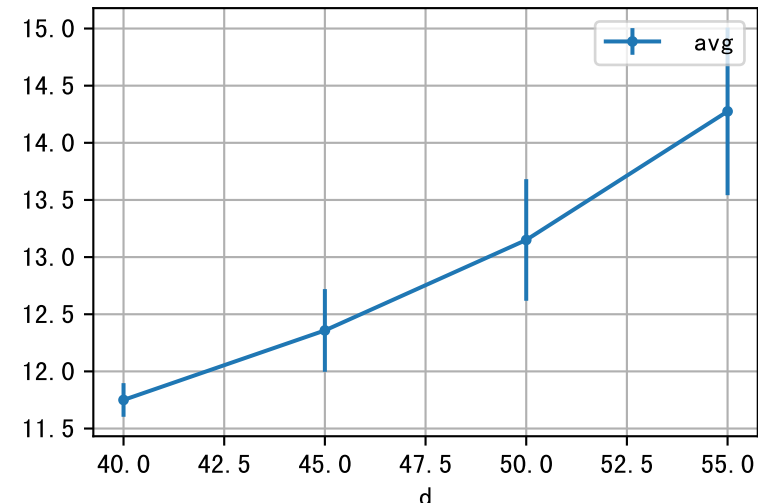
age=25



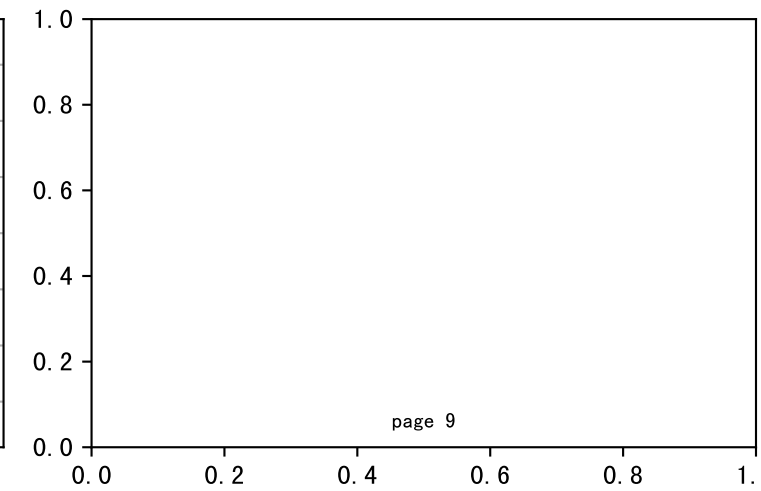
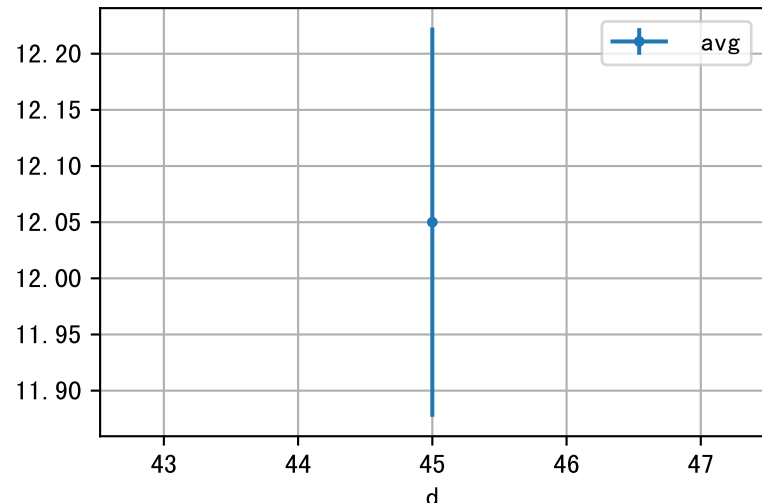
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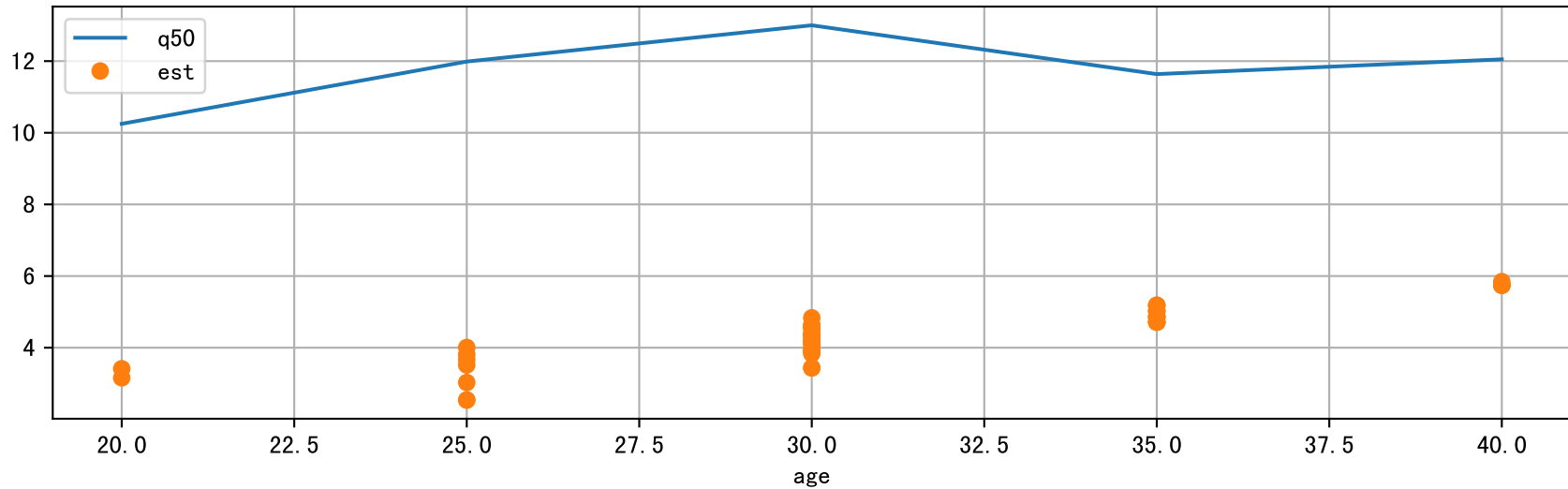
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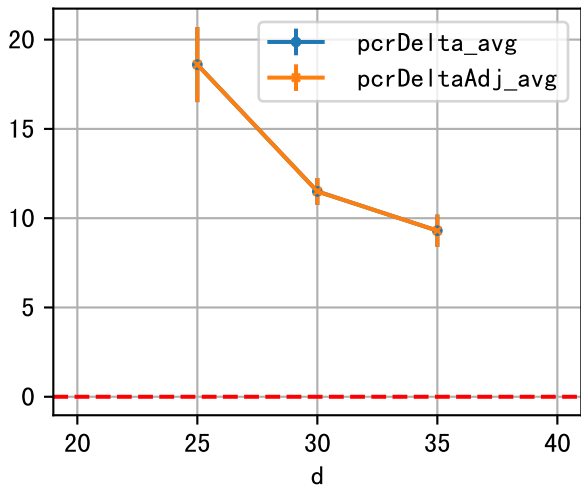
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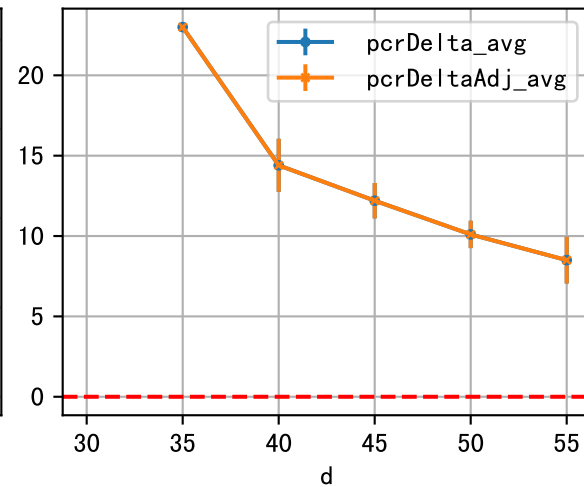
NdD: model est vs obs0v@Q50



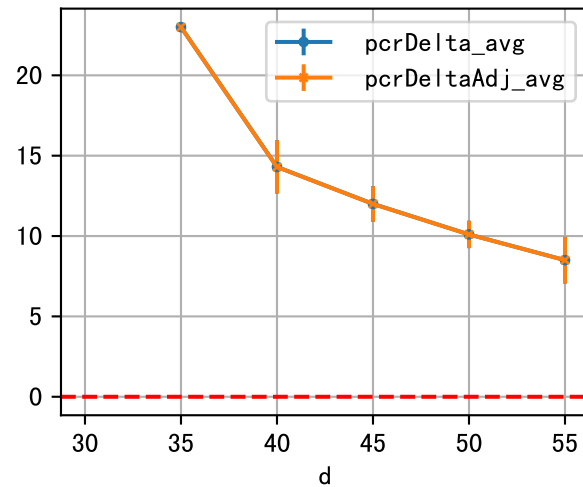
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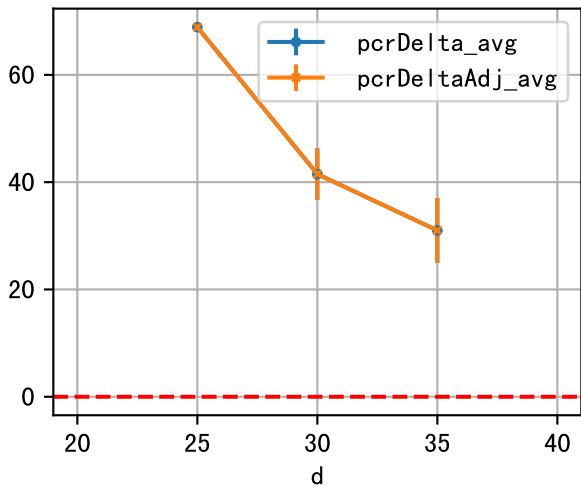
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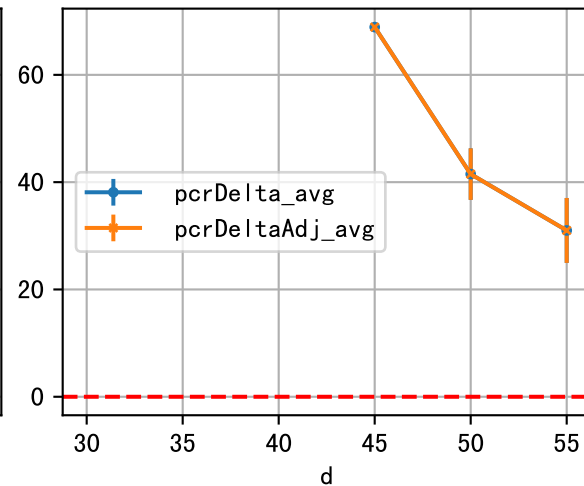
DeltaTypeAbbr=Wei AvgByD



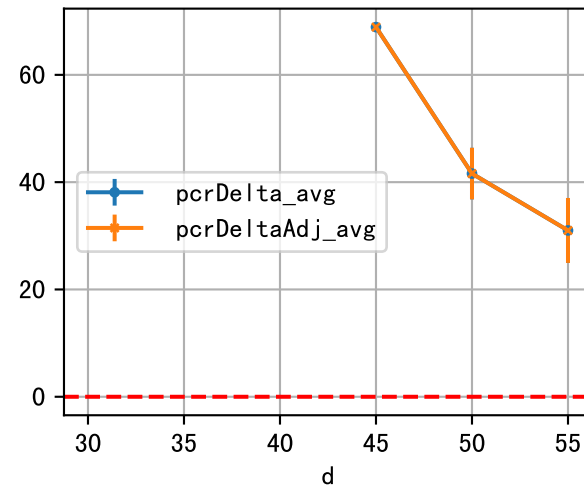
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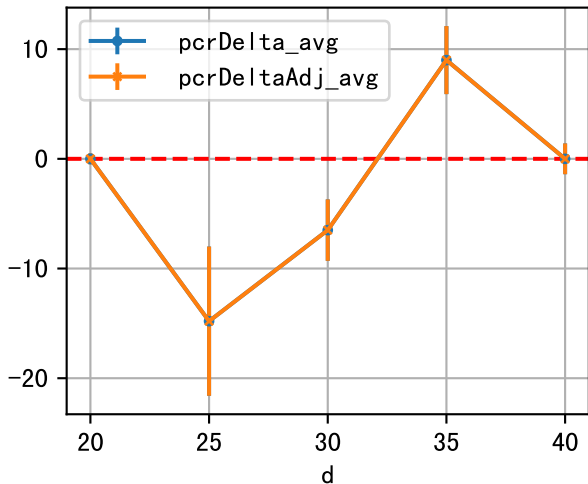
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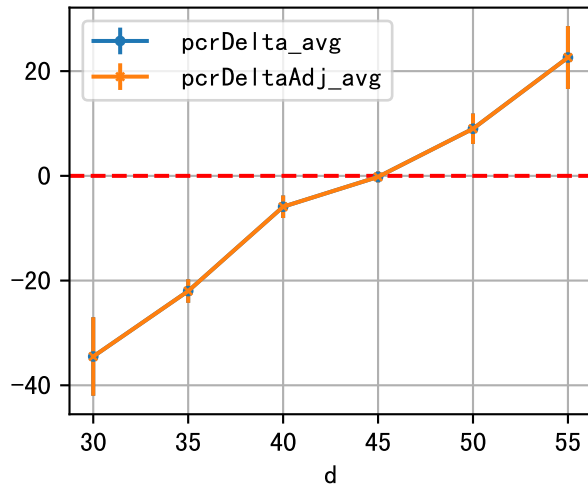
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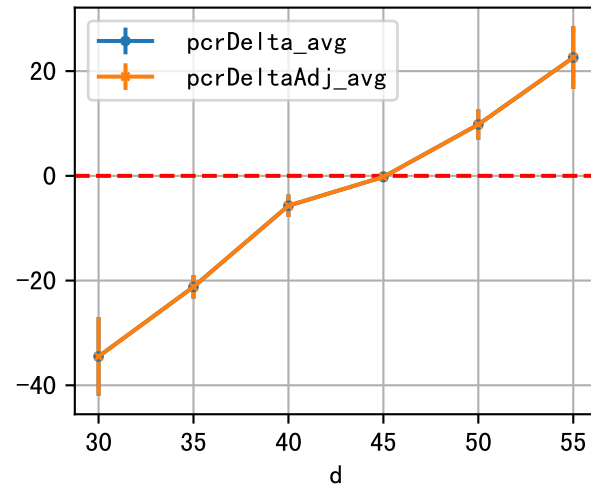


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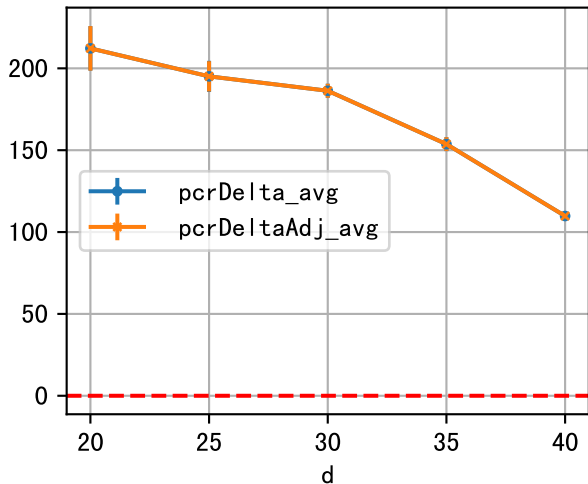


page 13

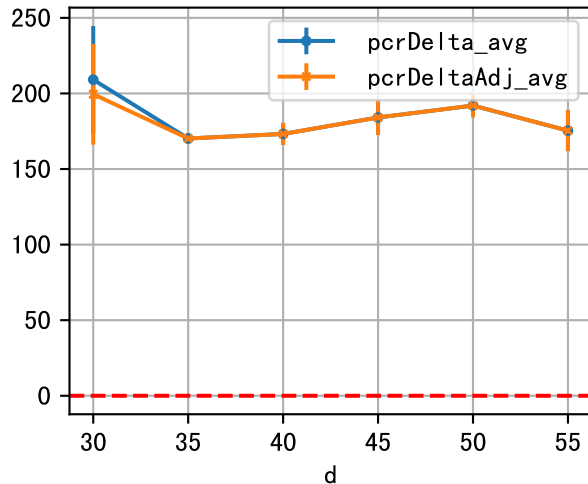
DeltaTypeAbbr=WeiAvgByD



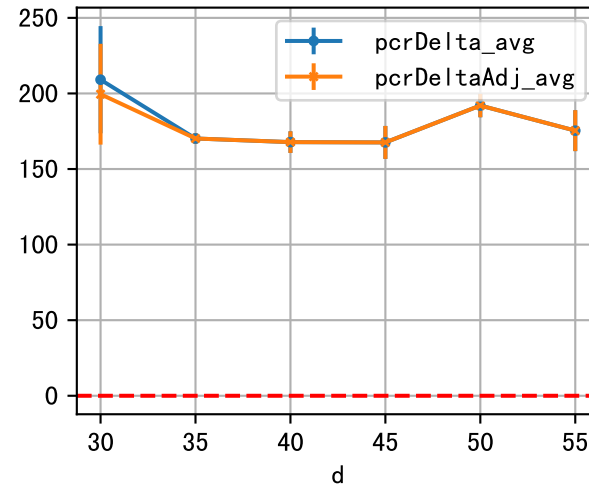
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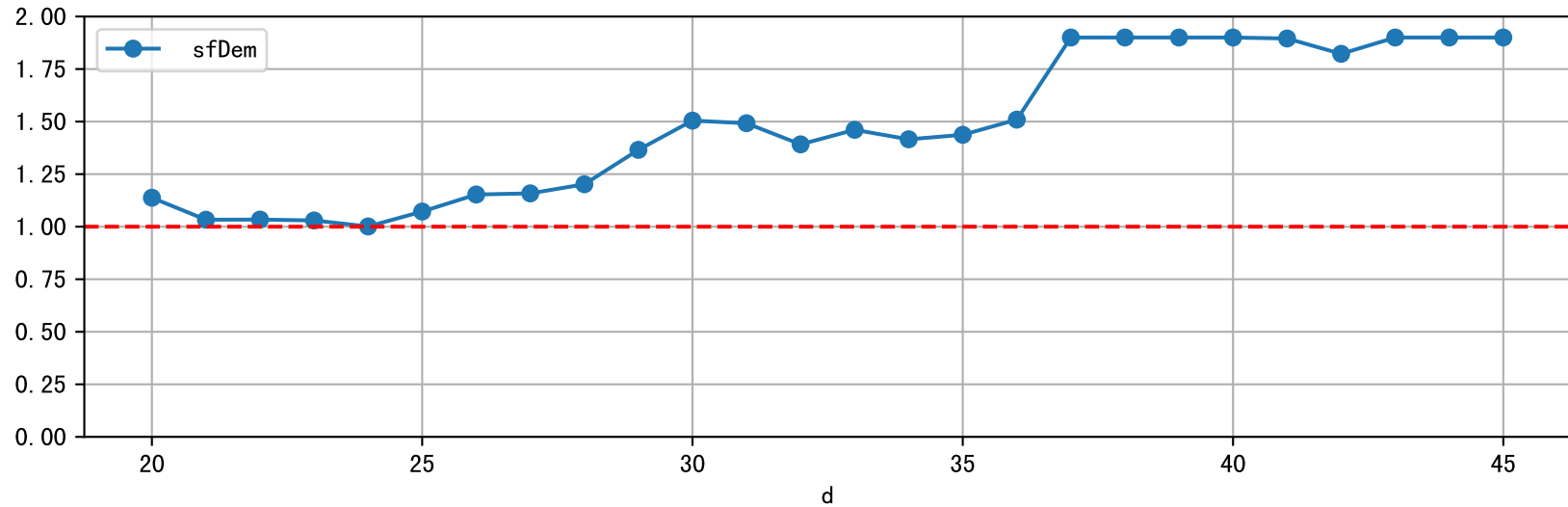
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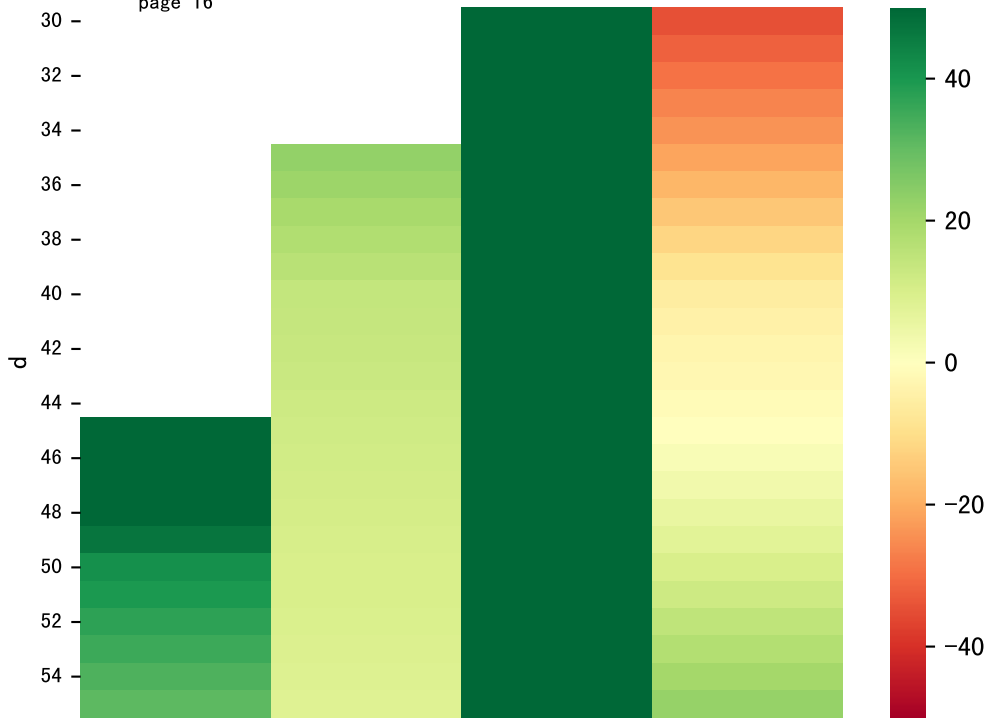


DeltaTypeAbbr=Wei AvgByD

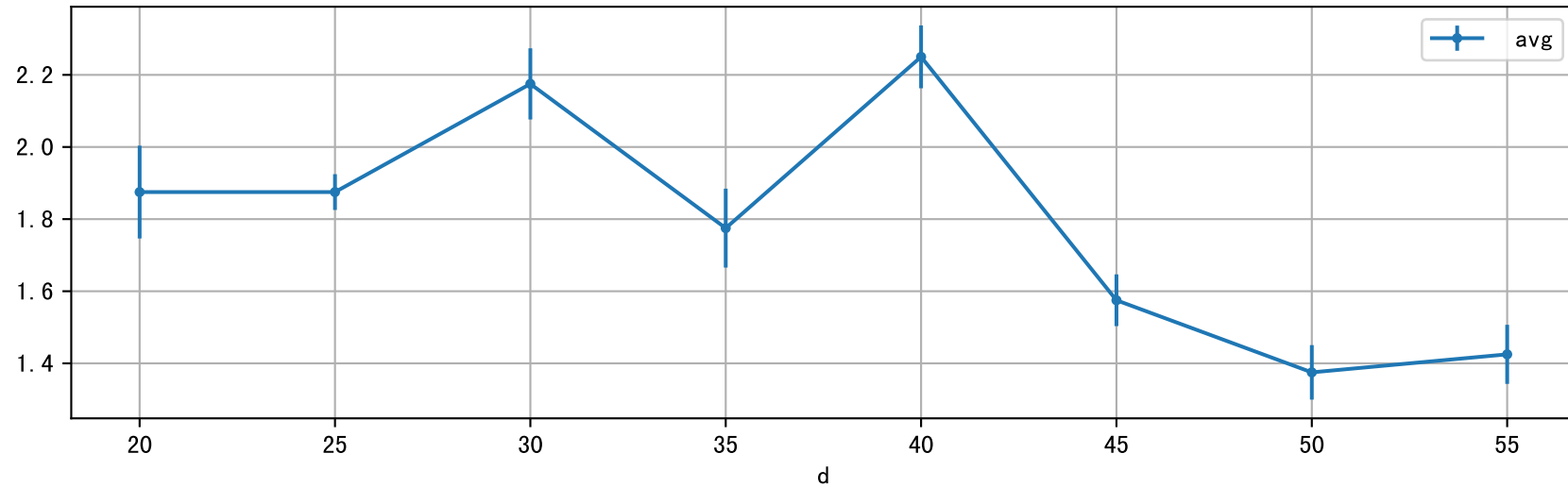


NdD: sfDem

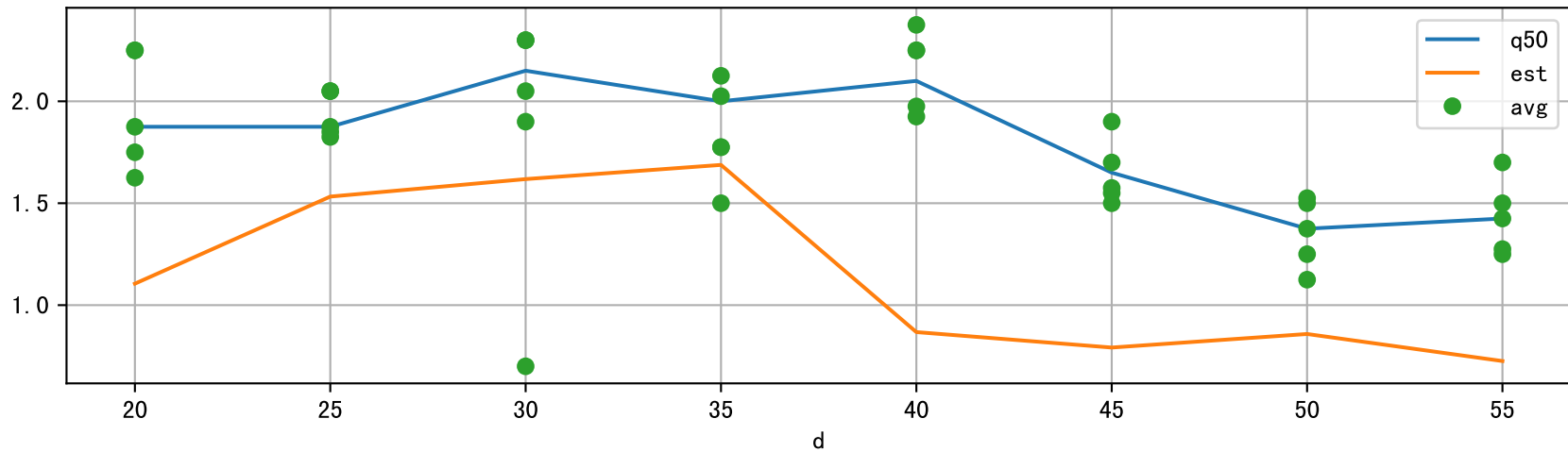




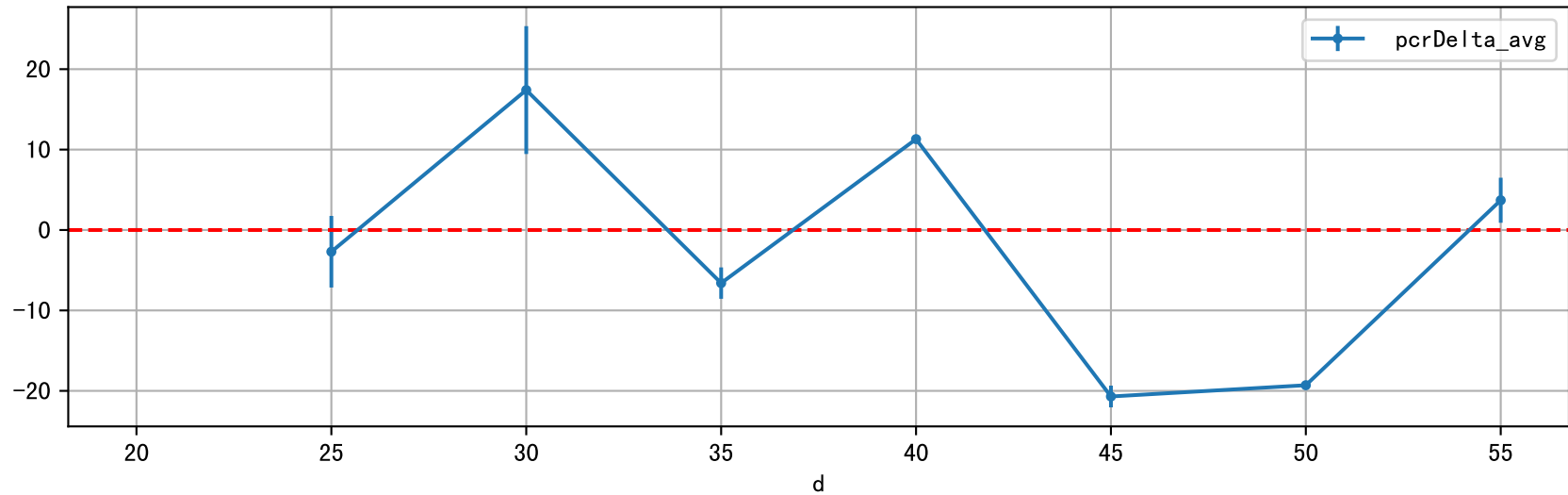
dStH: avg vs. d



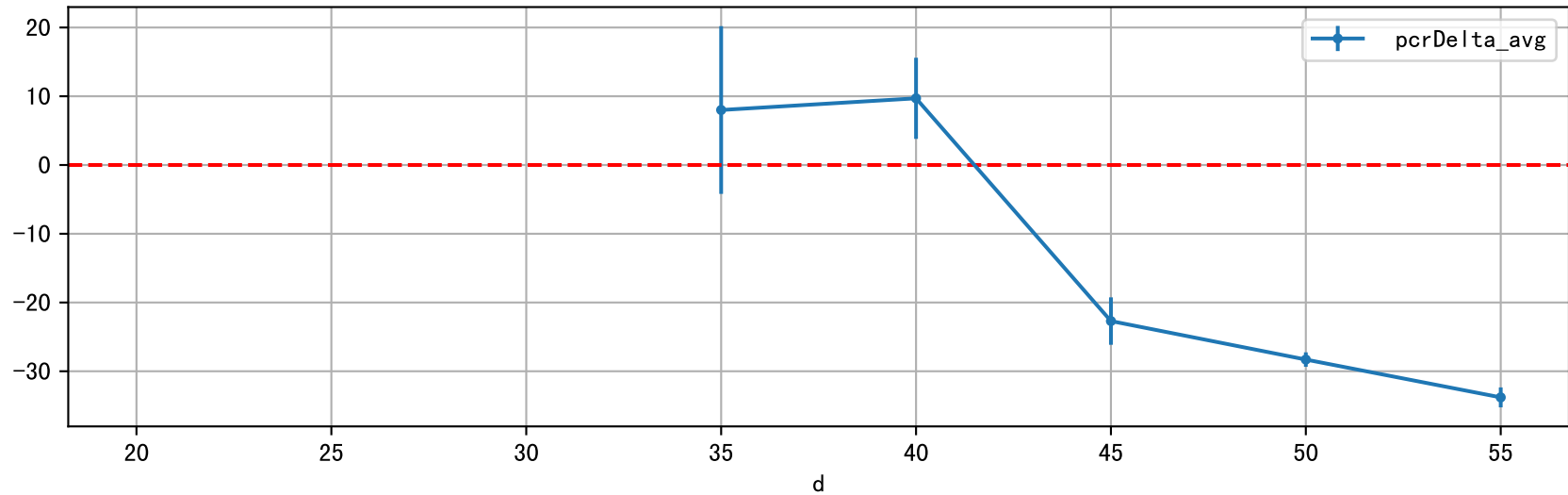
dStH: obsAvg vs obs0v@Q50



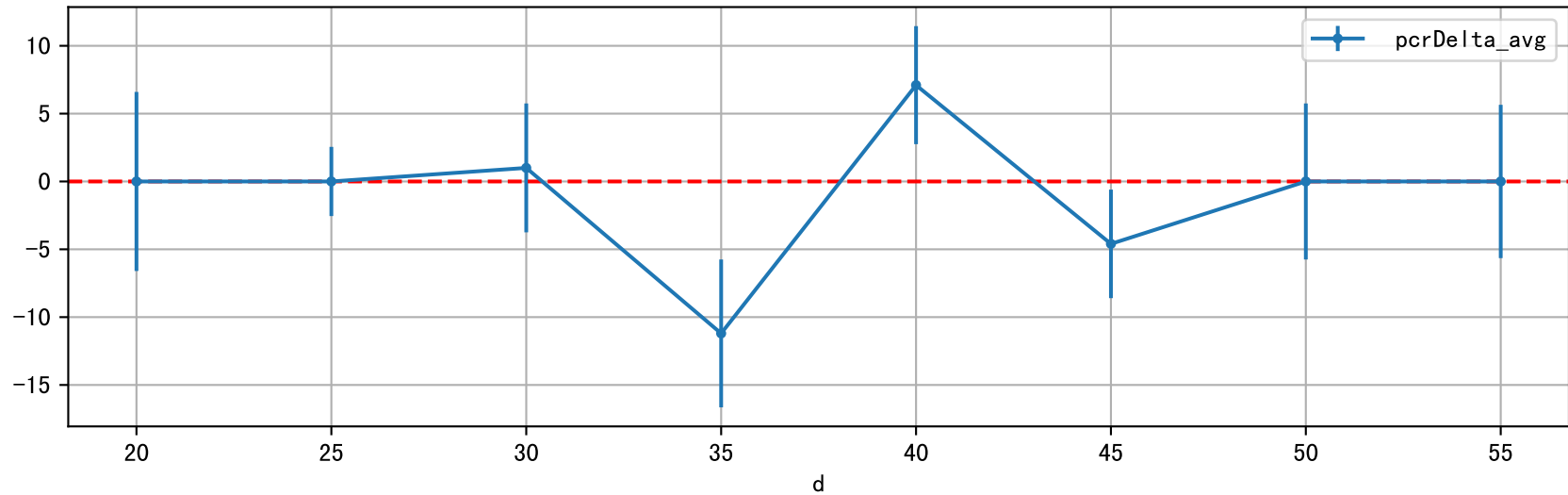
dStH: D_5d_StH



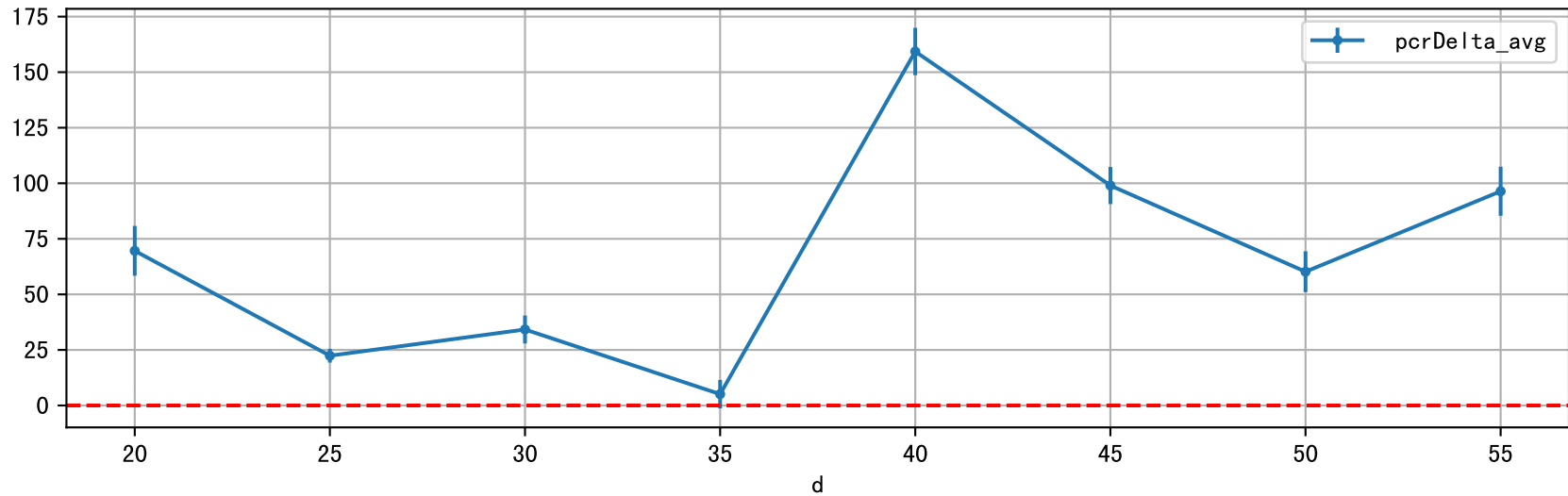
dStH: D_15d_StH



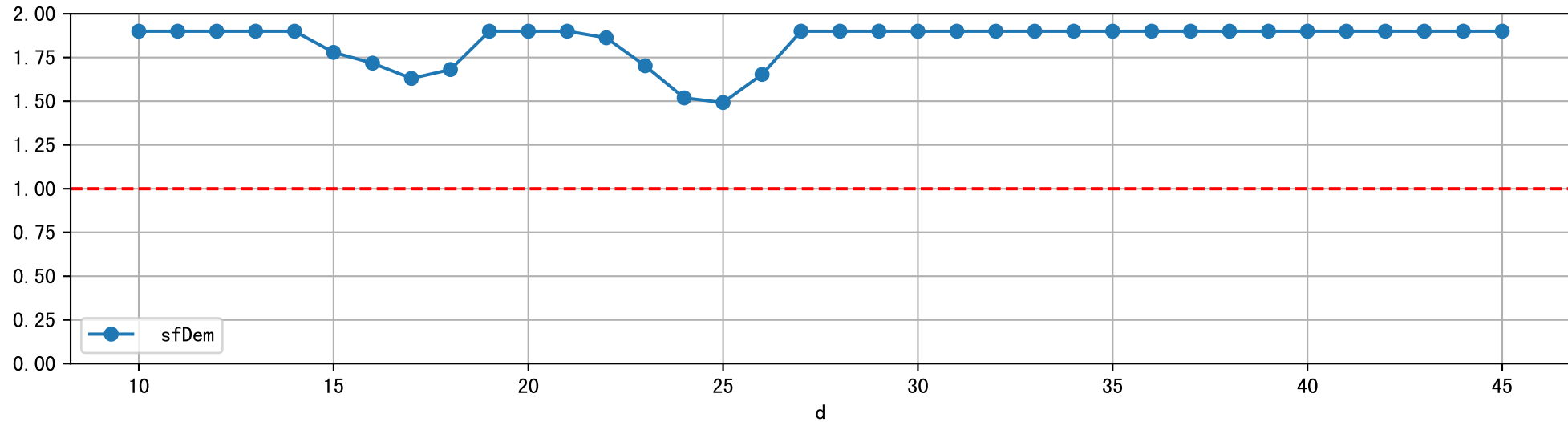
dStH: D_Q50_StH

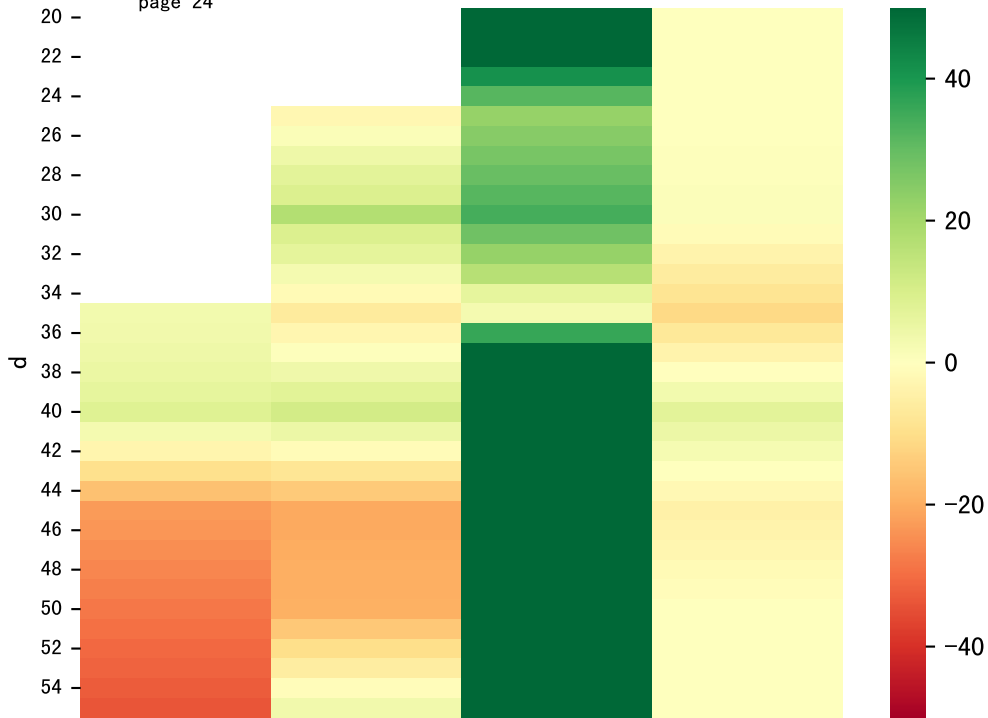


dStH: D_Est_StH



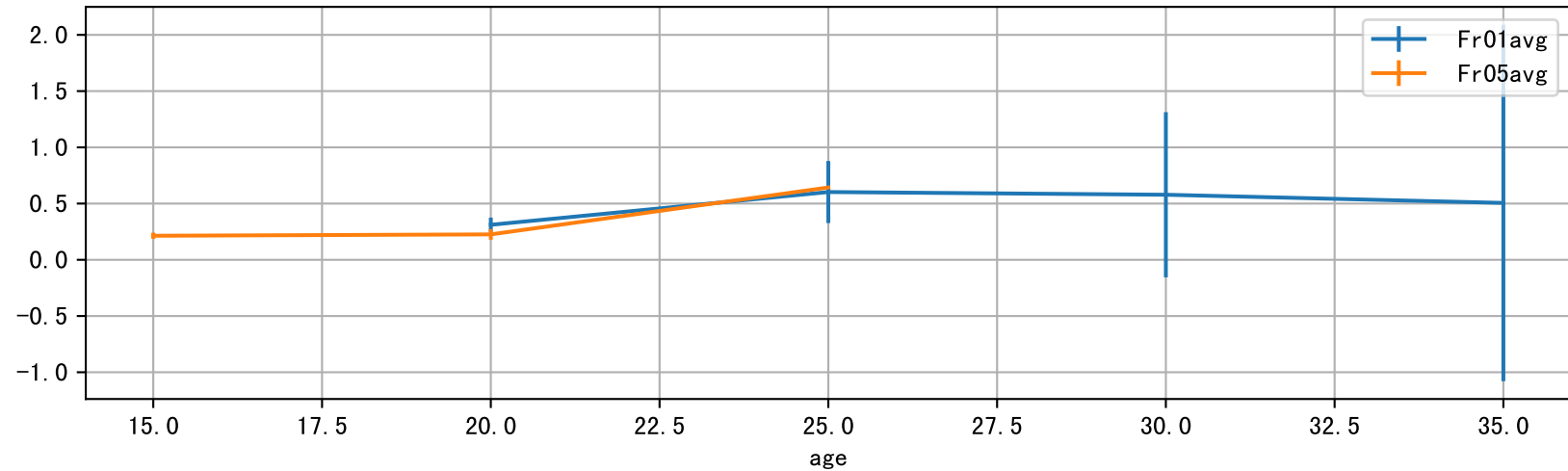
dStH: sfDem





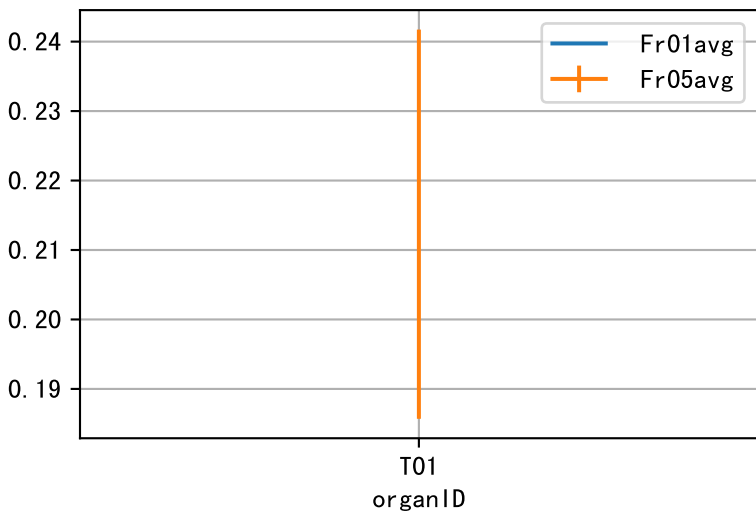
FrV: Fr01 vs Fr05 at each truss

organID=T01

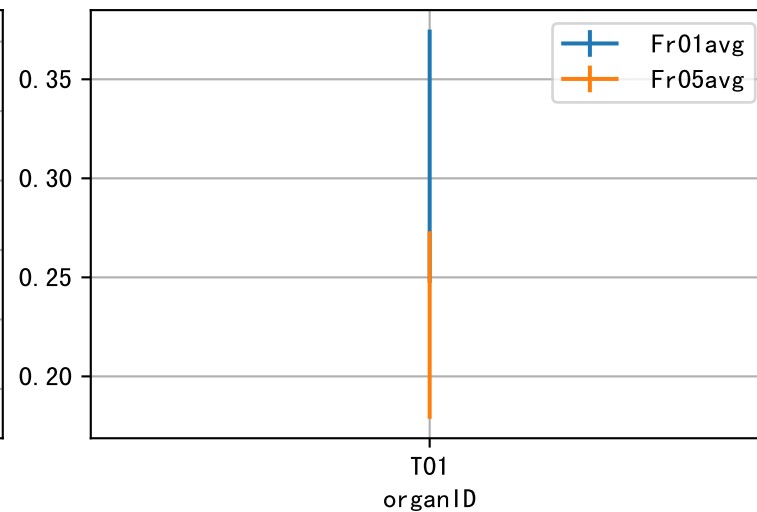


FrV trend at each age

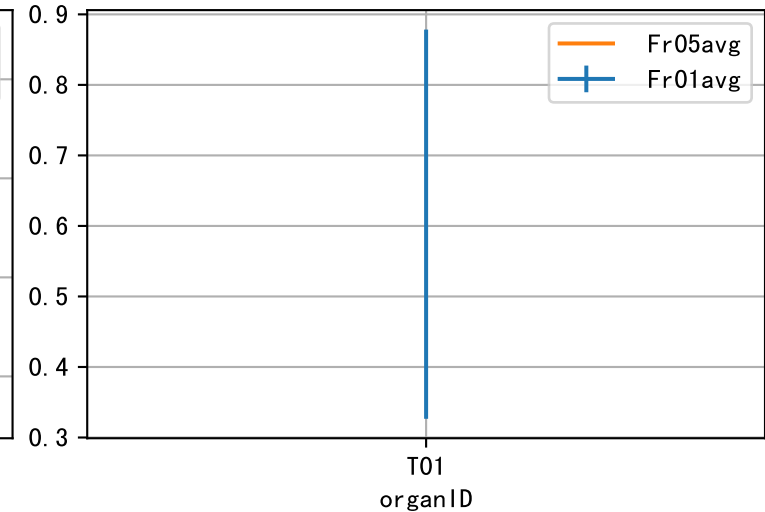
age=15



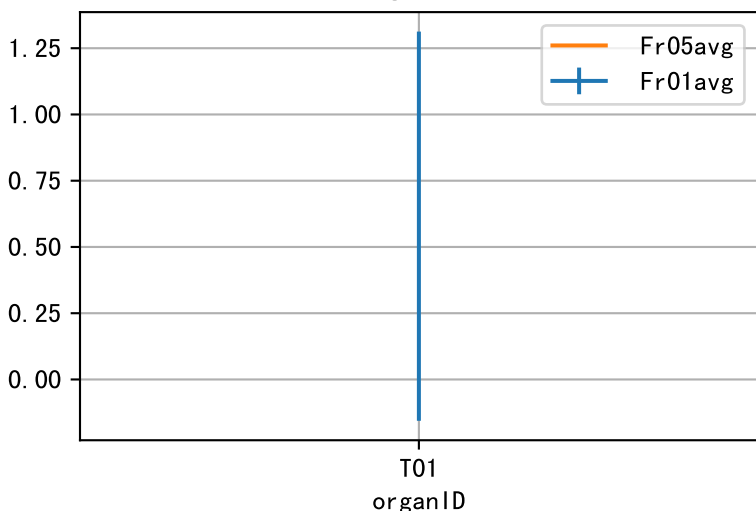
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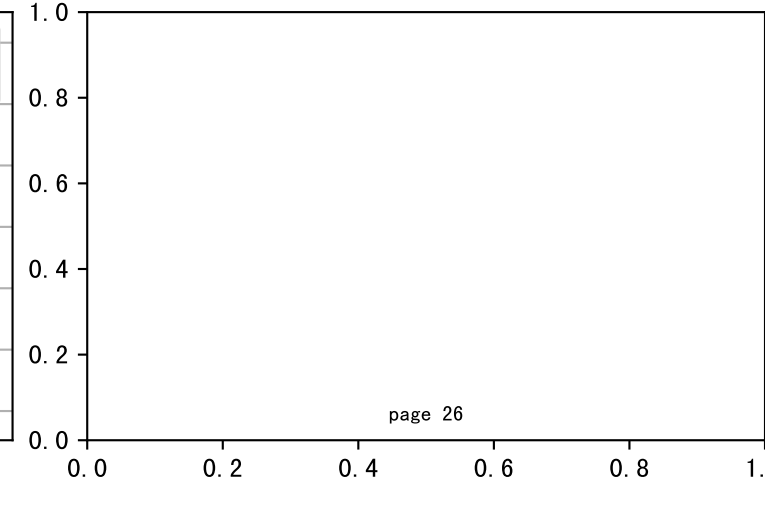
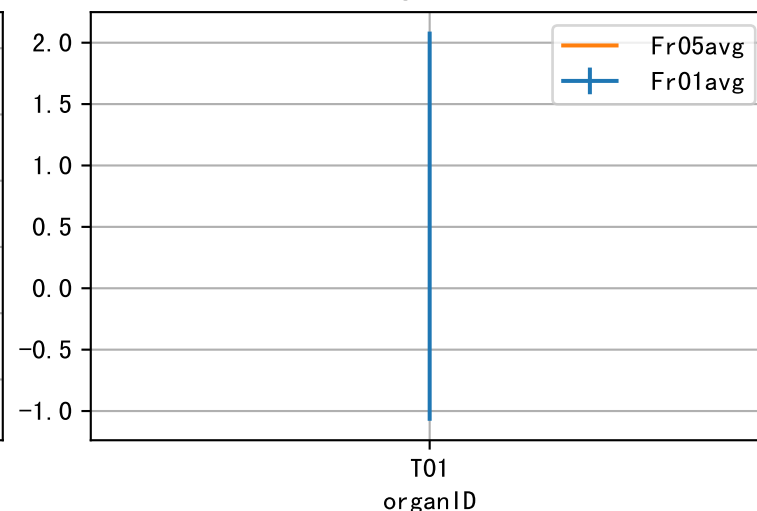
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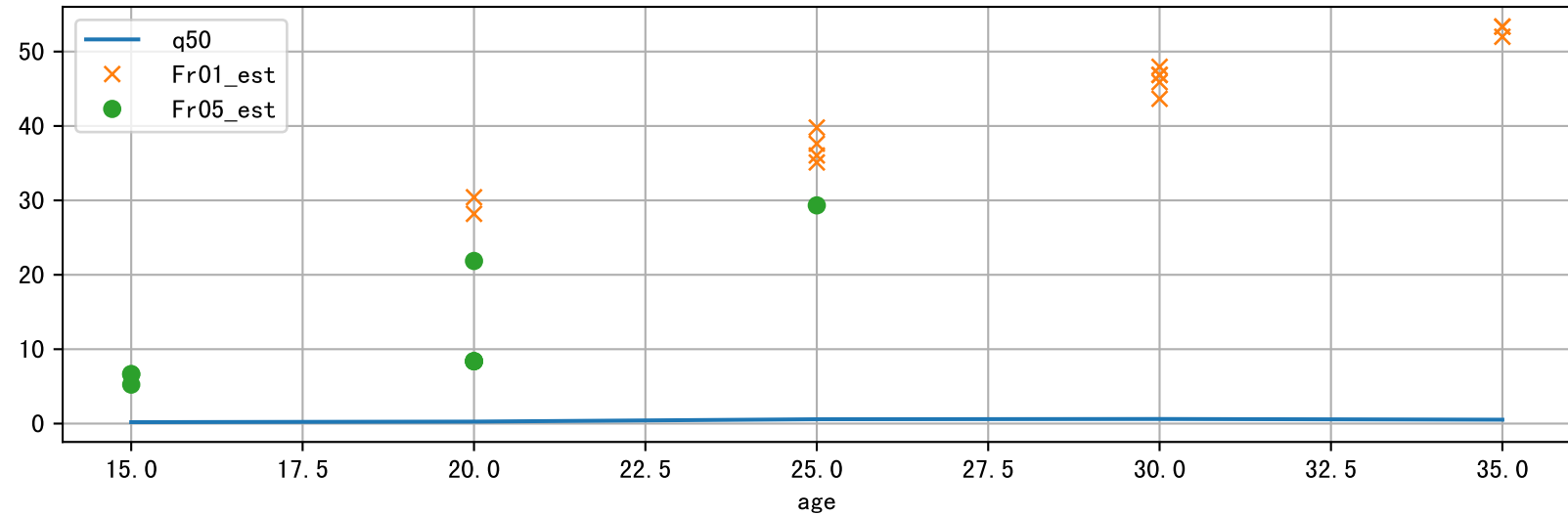
age=30



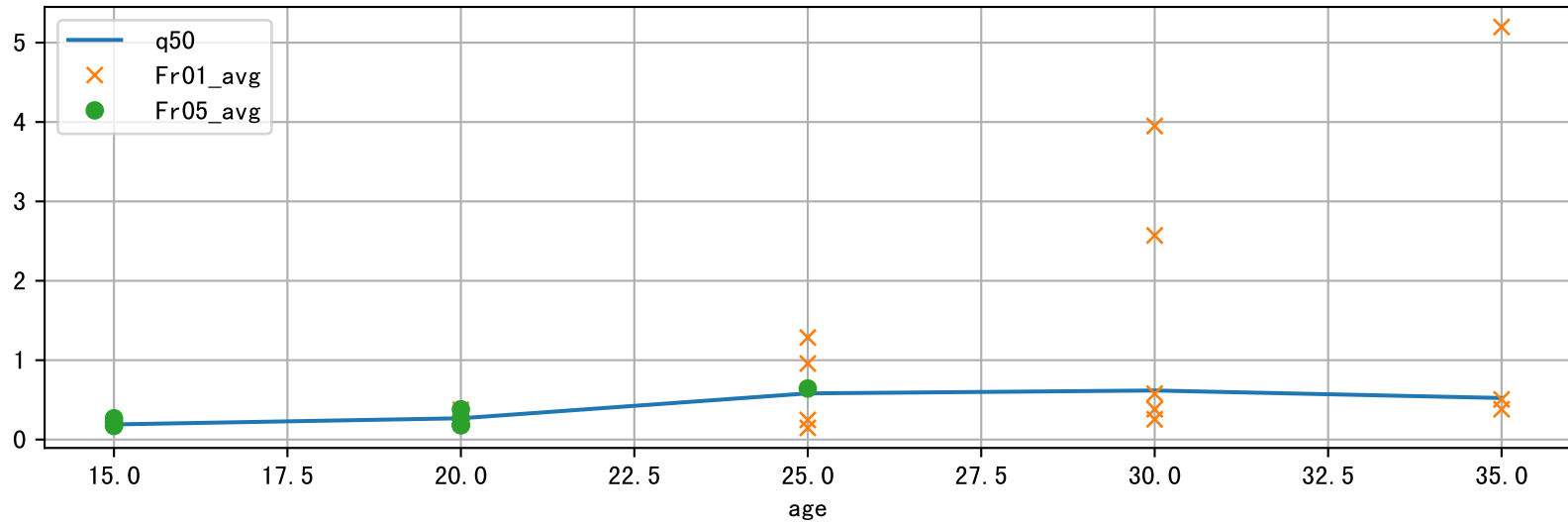
age=35



FrV: model Est vs obsFrV at Q90

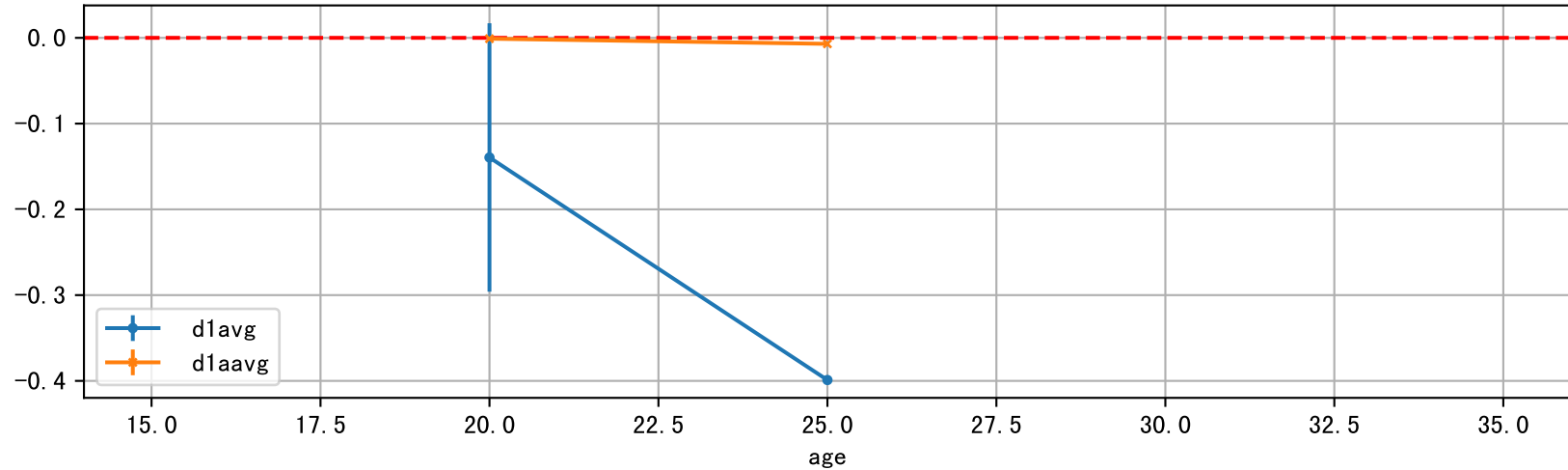


FrV: obsFrV vs obsFrV@Q90

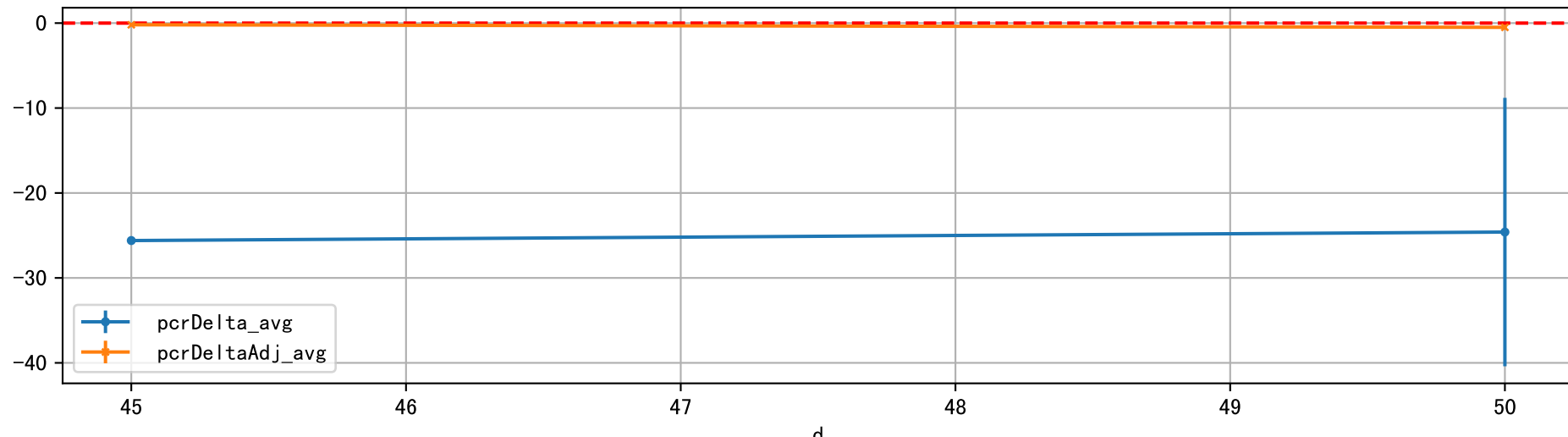


FrV: D_Fr1_FrV

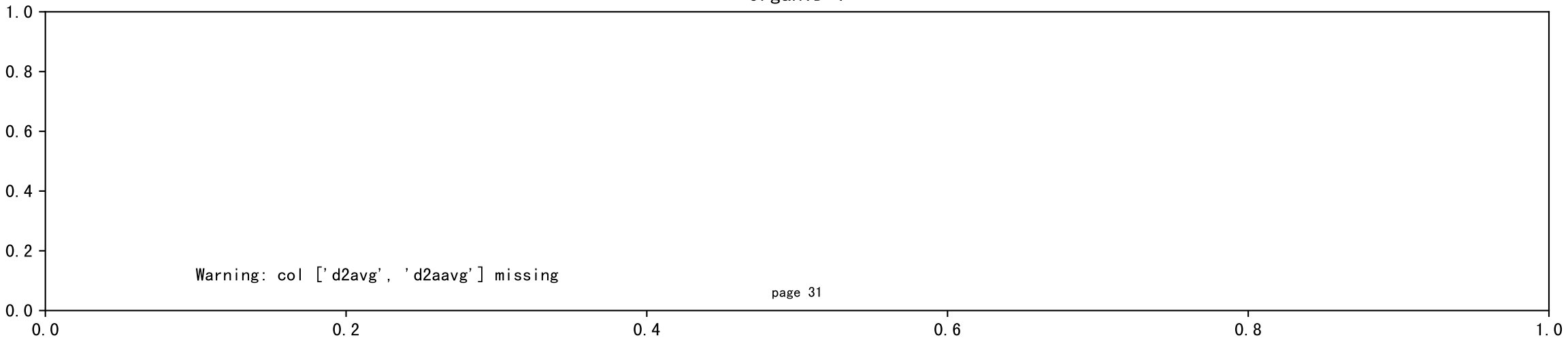
organID=1



P10AE FrV: D_Fr1_FrV

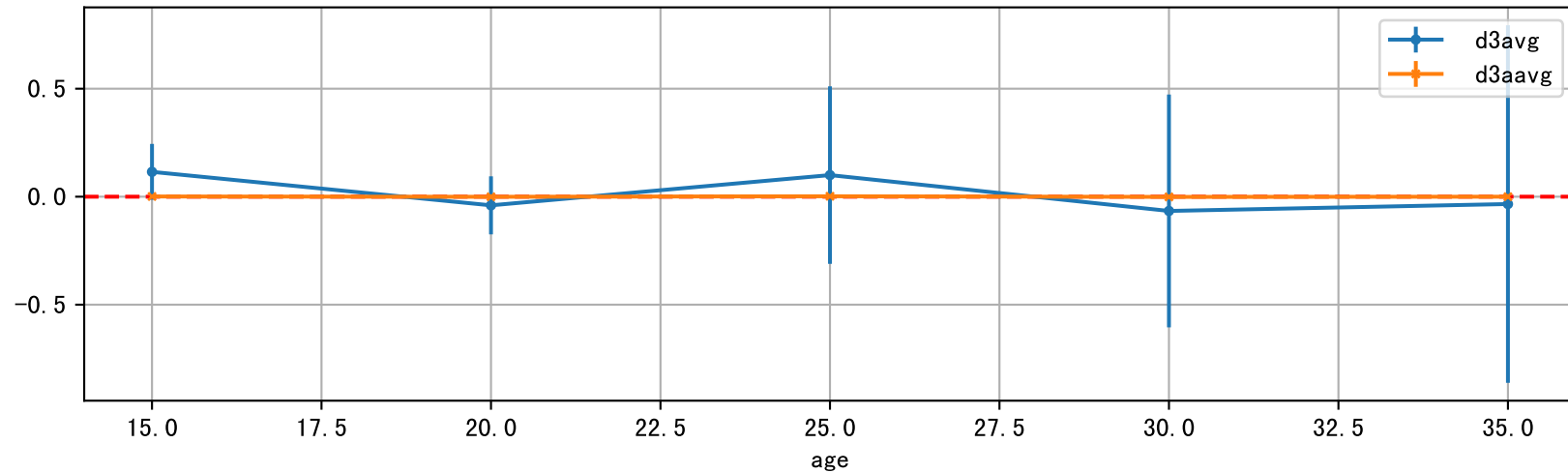


FrV: D_Ts_FrV
organID=1

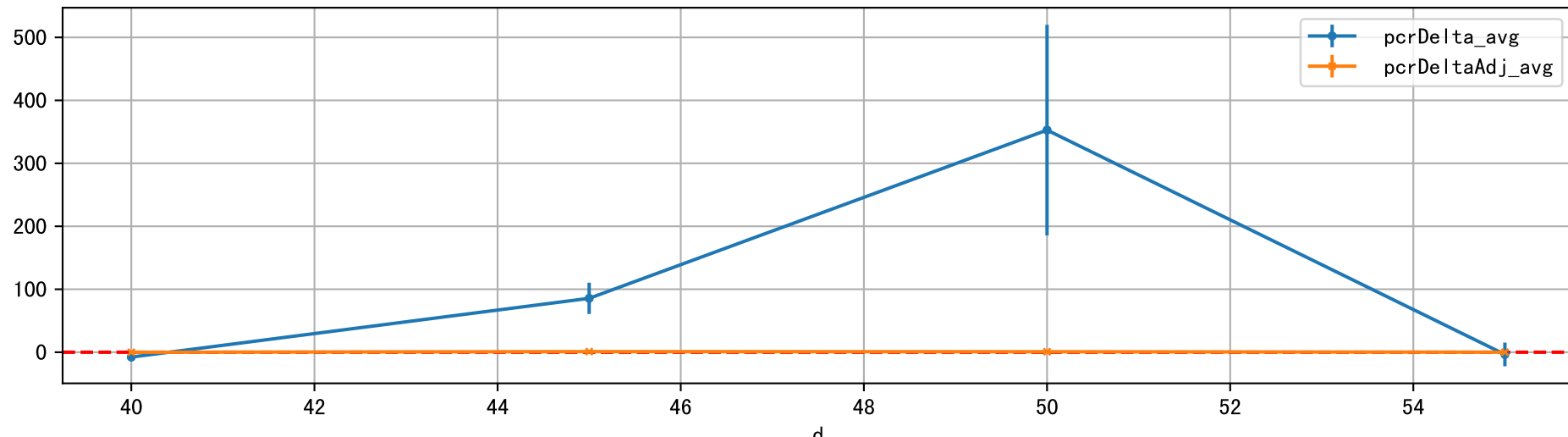


FrV: D_Q50_FrV

organID=1

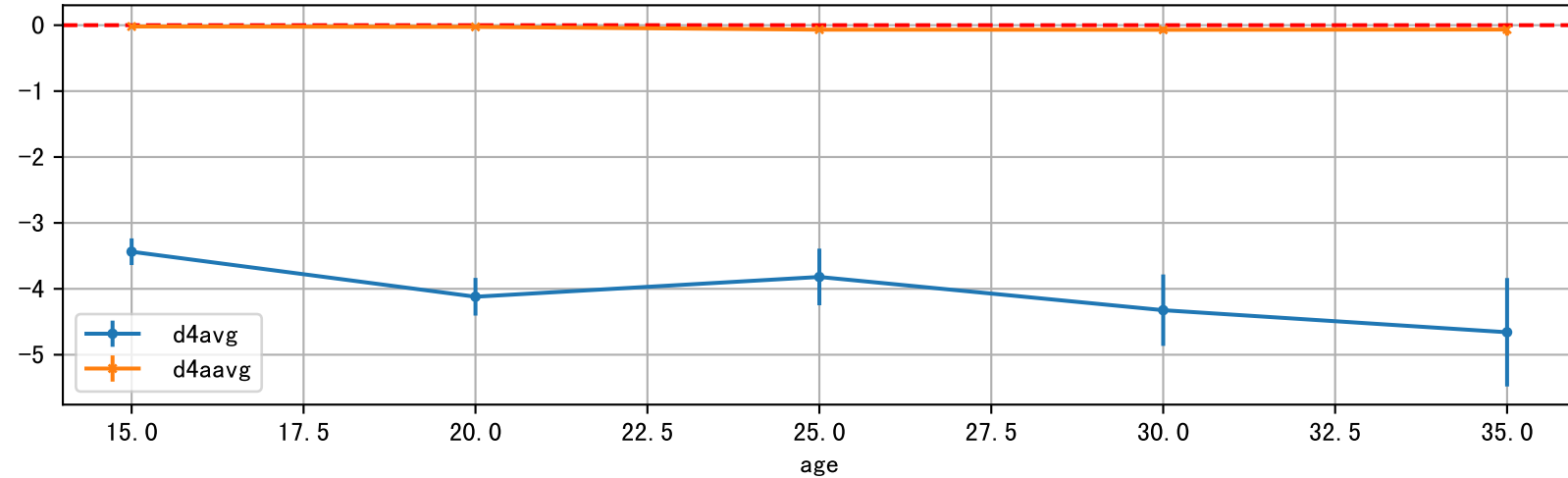


P10AE FrV: D_Q50_FrV

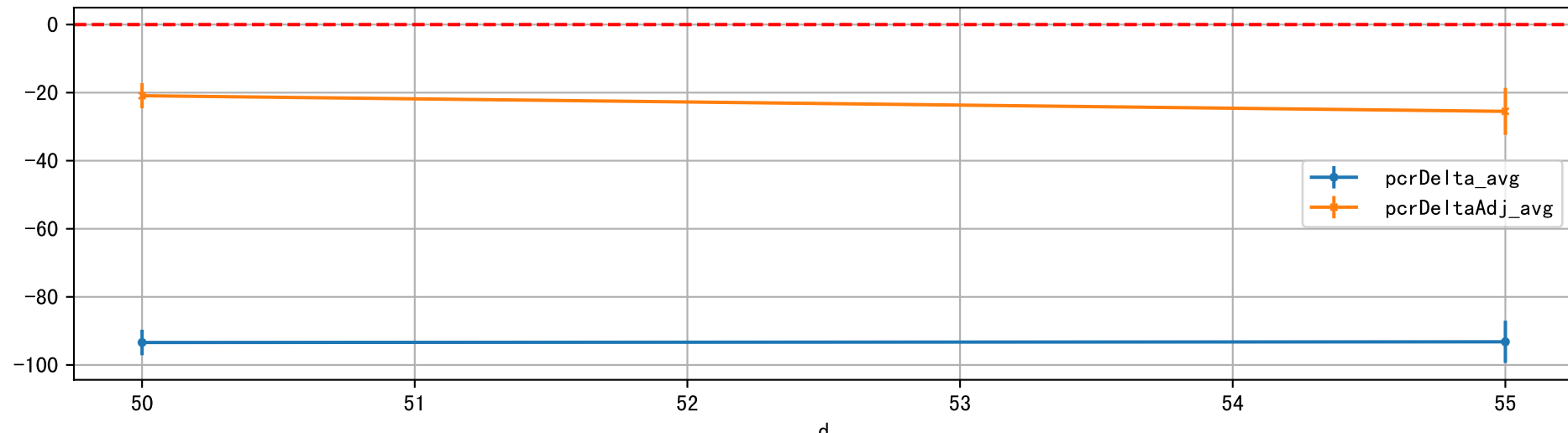


FrV: D_Est_FrV

organID=1



P10AE FrV: D_Est_FrV



P10AE FrV: sfDem

