

Phenotype Data Analysis Plots

PhenoData day range = 12 - 43

Analysis cutoff day = 43

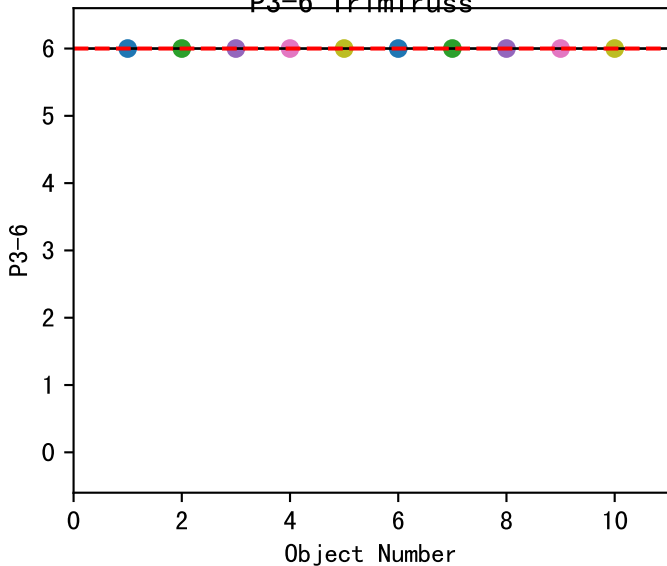
NC11 P3-6

2025-05-12 (Day 44)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0 ~0% avg2=na

P3-6 TrimTruss



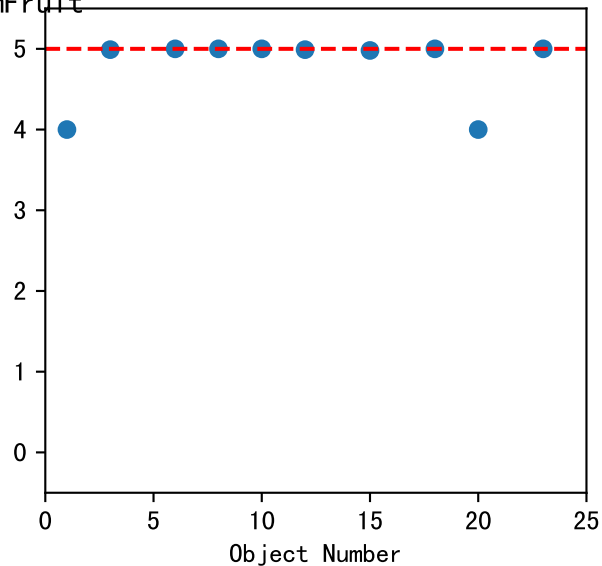
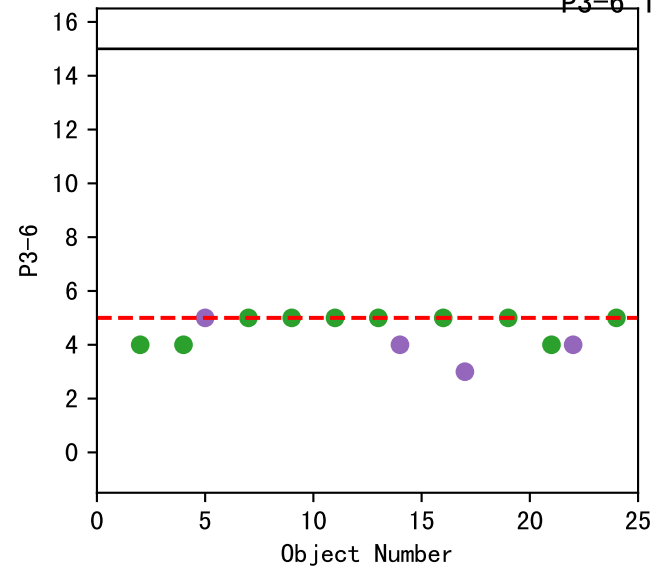
FruitNumAvgPerTruss (Def=15 Set=5)

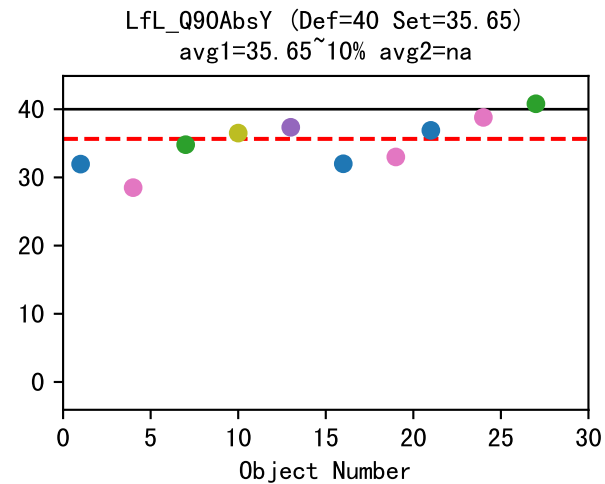
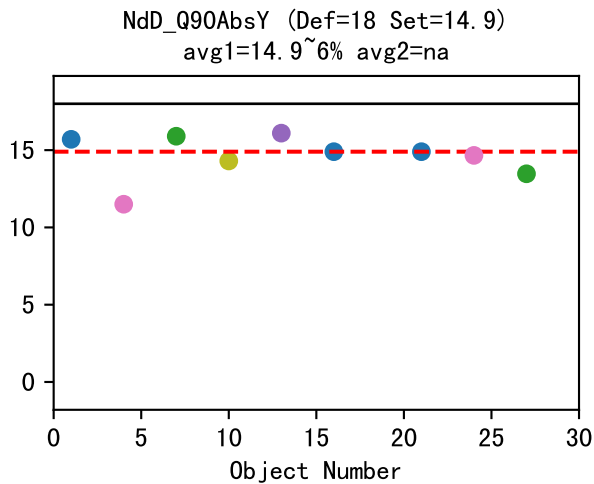
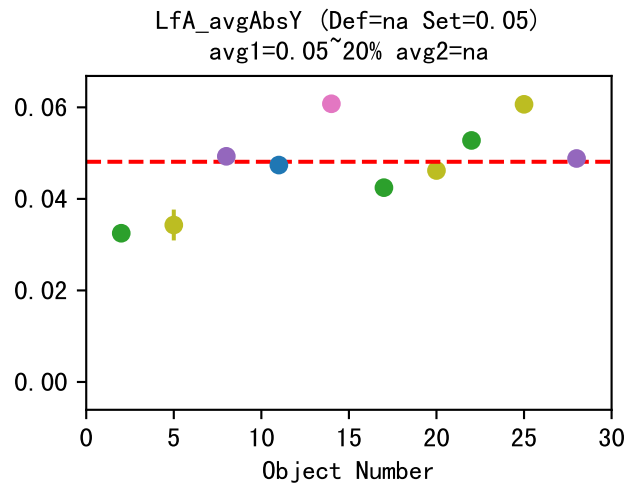
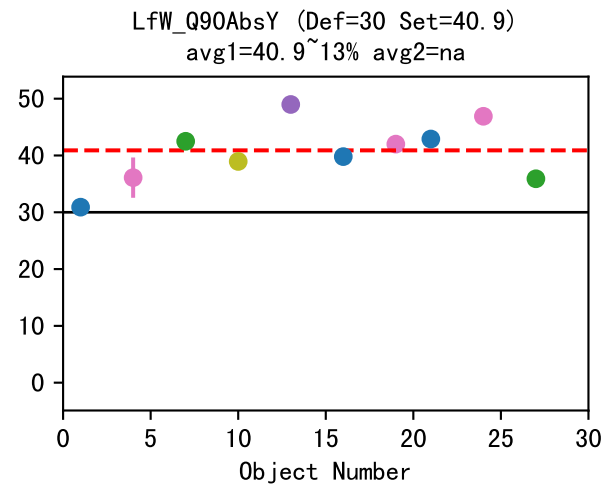
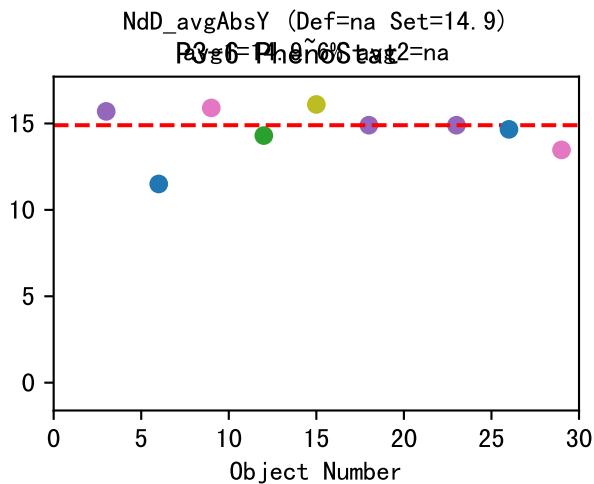
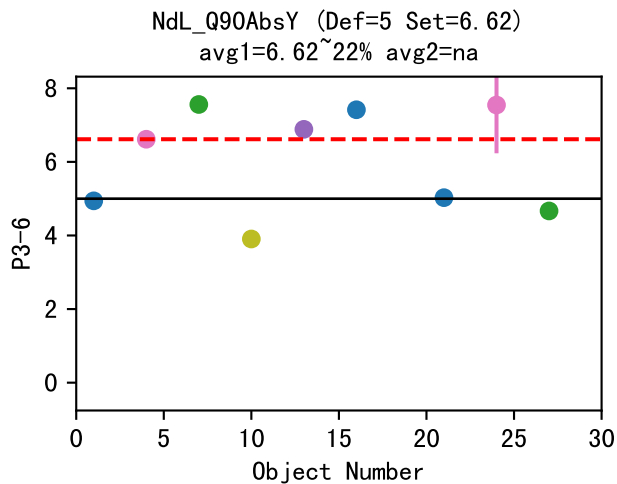
avg1=5.0~13% avg2=na

P3-6 TrimFruit

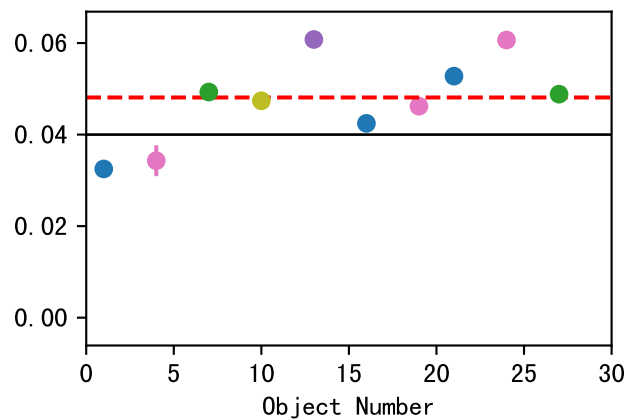
FruitNumMaxPerTruss (Def=na Set=5)

avg1=5.0~0% avg2=na

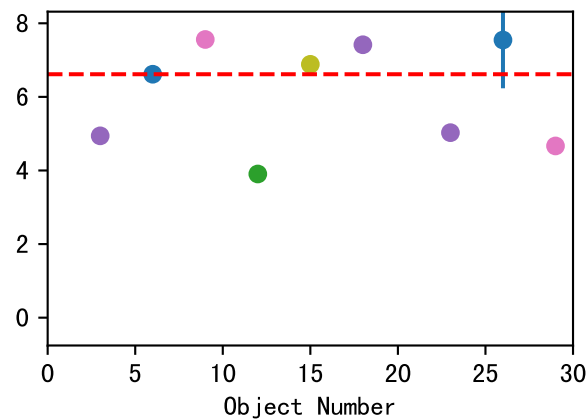




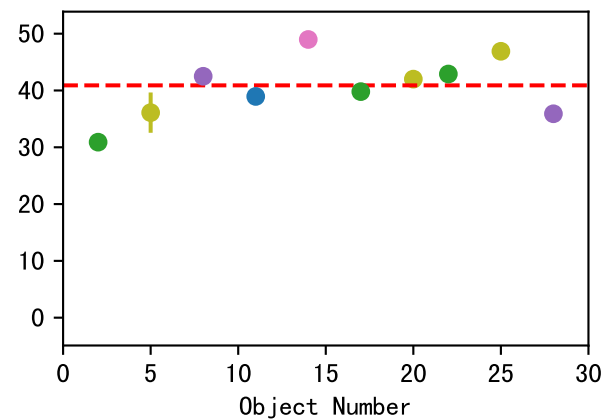
LfA_Q90AbsY (Def=0.04 Set=0.05)
avg1=0.05~20% avg2=na



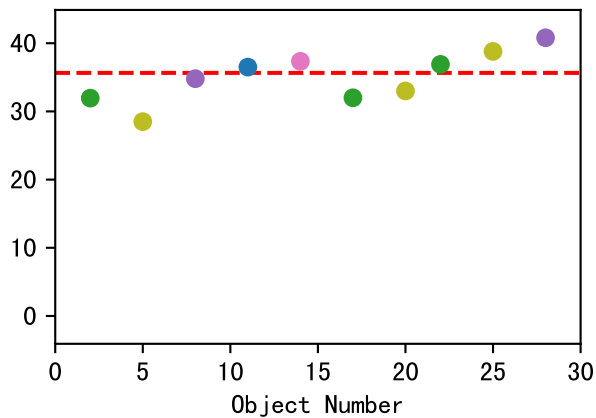
NdL_avgAbsY (Def=na Set=6.62)
avg1=6.62~22% avg2=na



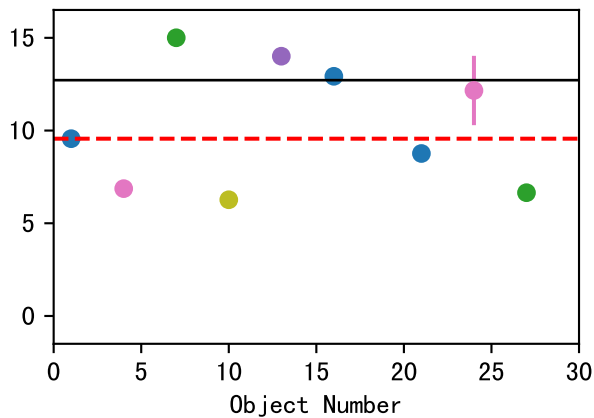
LfW_avgAbsY (Def=na Set=40.9)
avg1=40.9~13% avg2=na



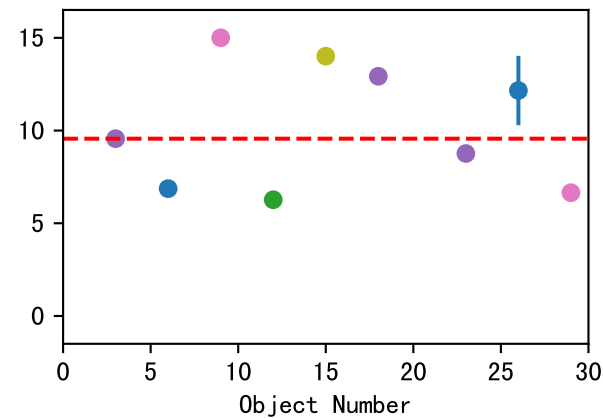
LfL_avgAbsY (Def=na Set=35.65)
avg1=35.65~10% avg2=na



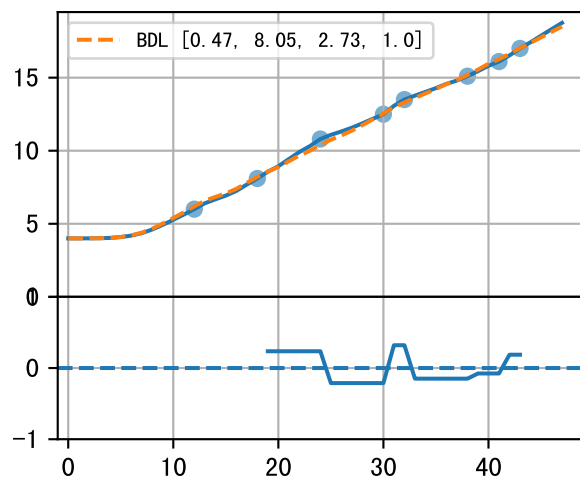
NdV_Q90AbsY (Def=12.72 Set=9.56)
avg1=9.56~35% avg2=na



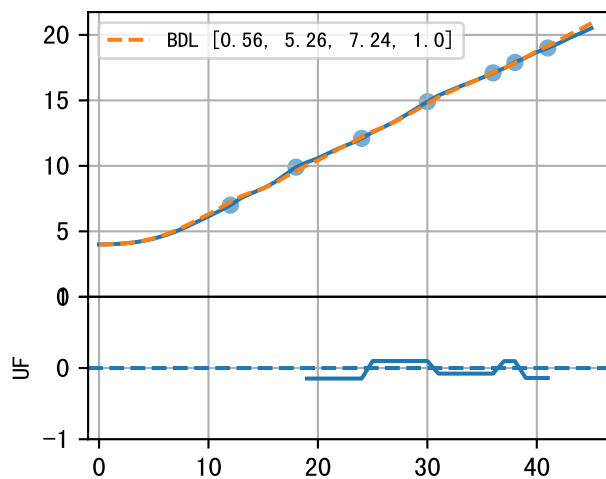
NdV_avgAbsY (Def=na Set=9.56)
avg1=9.56~35% avg2=na



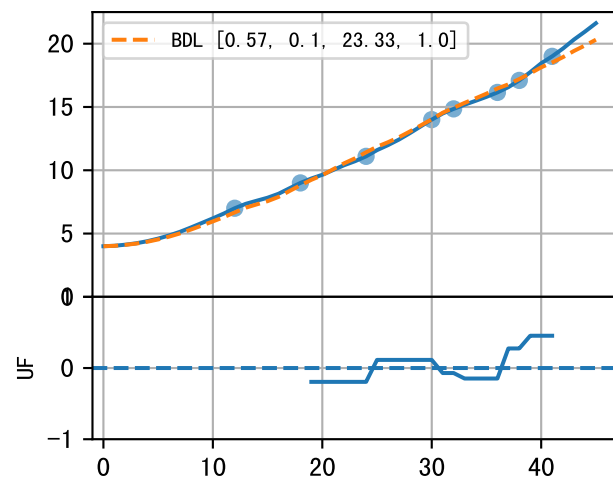
P3-6-003-24 (fit failed)



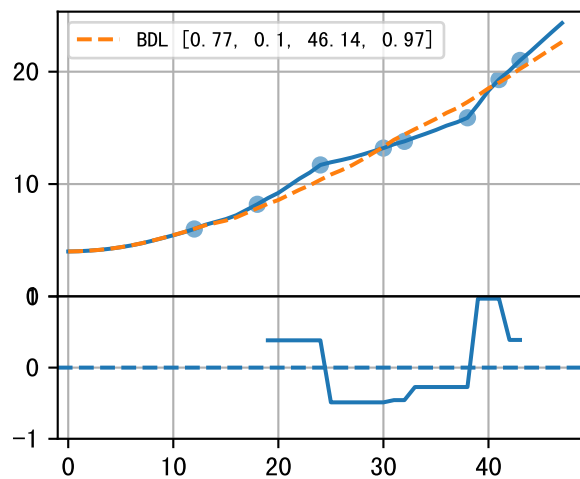
P3-6-007-11 (fit failed)



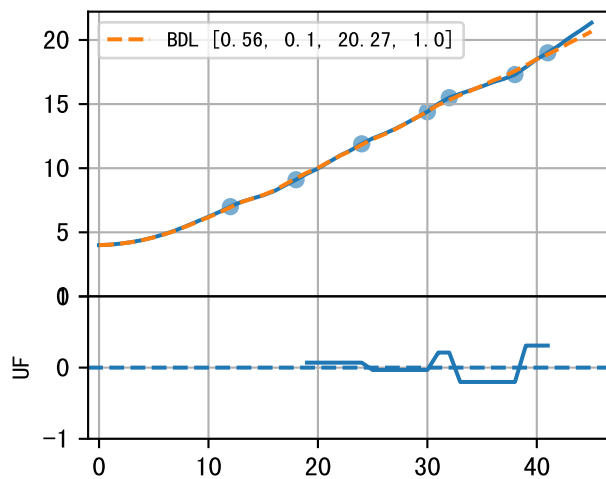
P3-6-011-7 (fit failed)



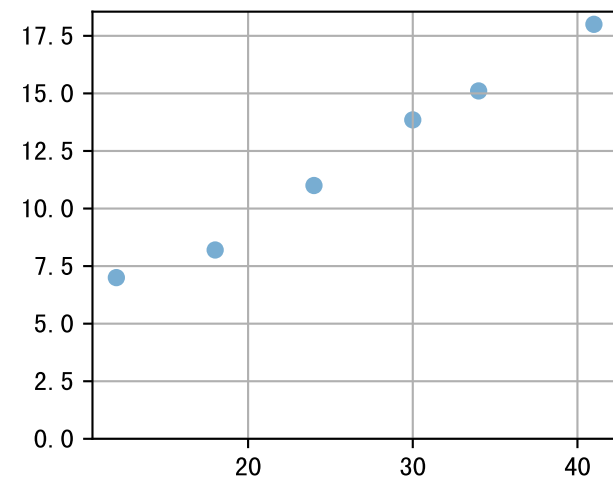
P3-6-015-30 (fit failed)



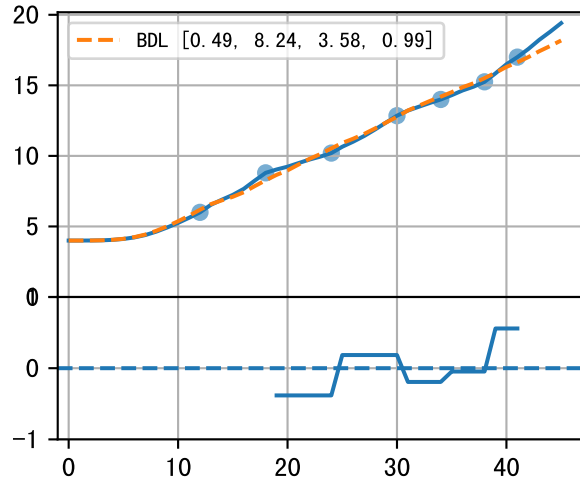
P3-6-019-12 (fit failed)



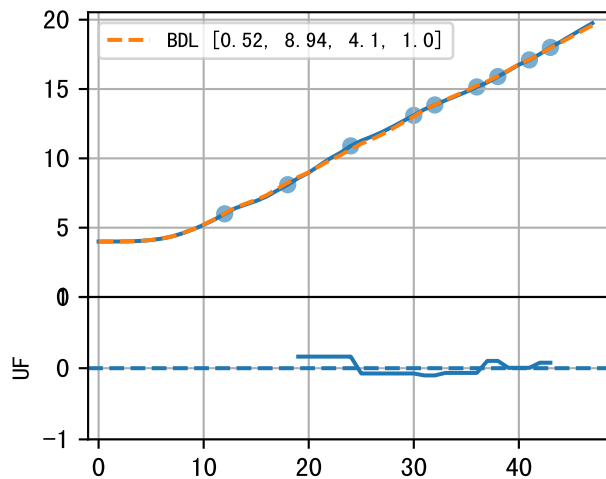
P3-6-024-25 (fit failed)



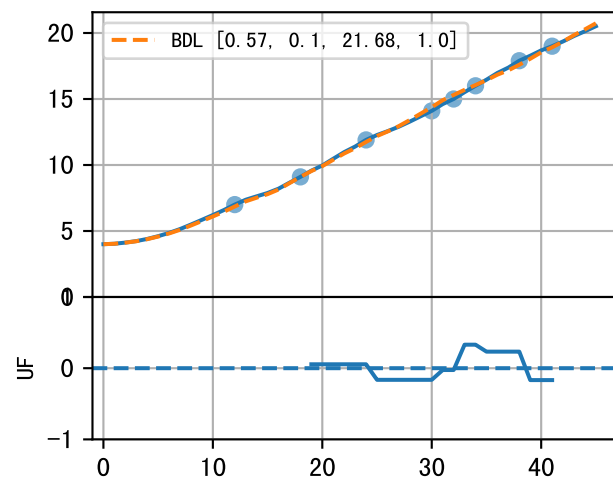
P3-6-028-32 (fit failed)



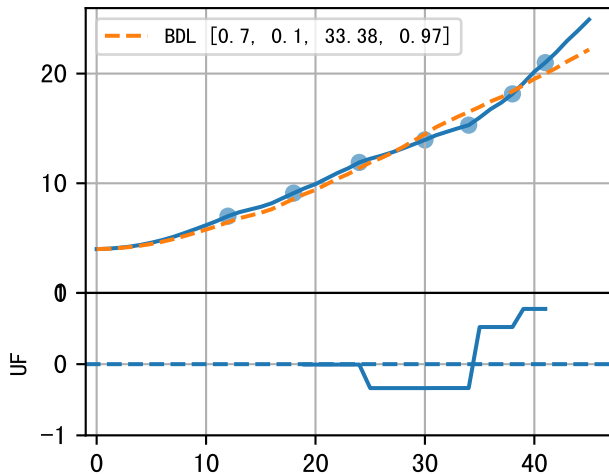
P3-6-033-9 (fit failed)



P3-6-038-21 (fit failed)

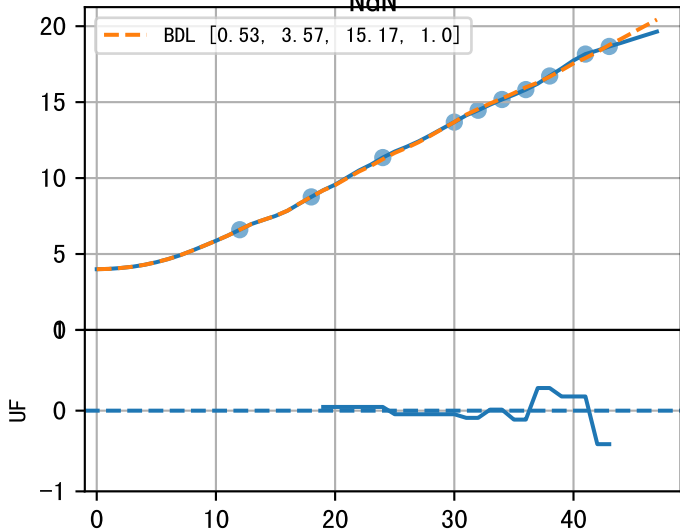


P3-6-042-4 (fit failed)

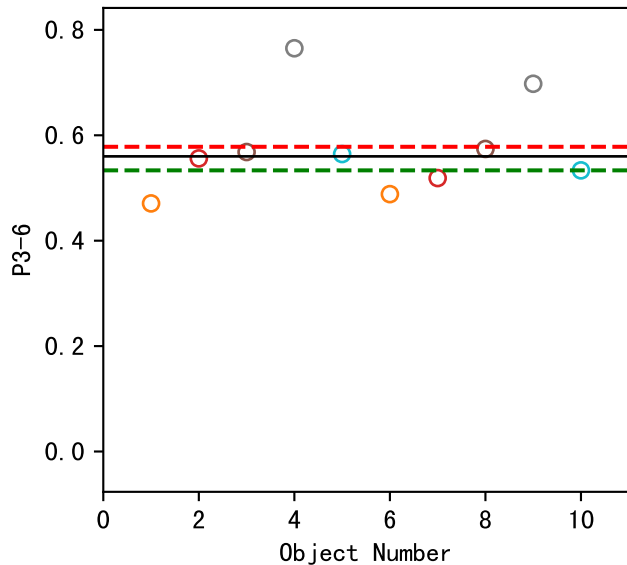


P3-6avg (fit failed)

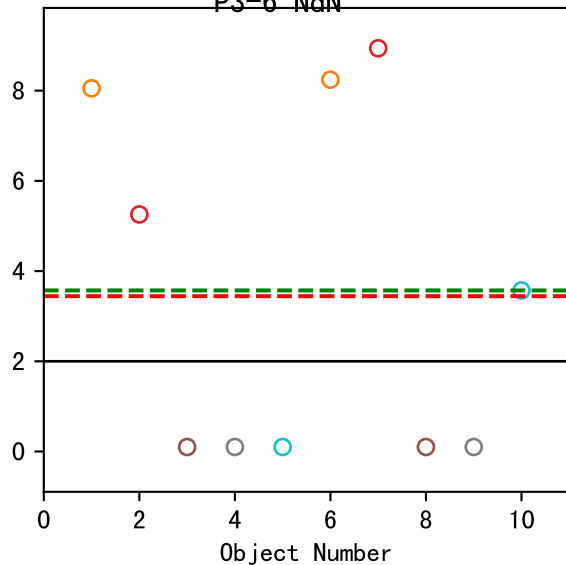
NdN



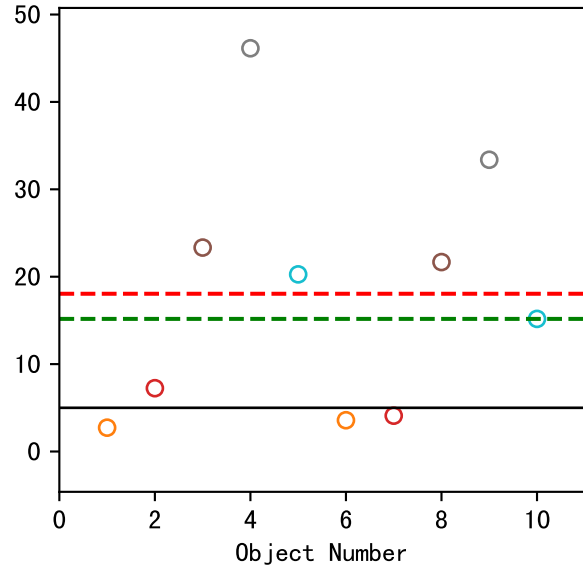
a (Def=0.56 Set=0.53)
avg1=0.58(fail) avg2=0.53



dm (Def=2 Set=3.57)
avg1=3.44(fail) avg2=3.57

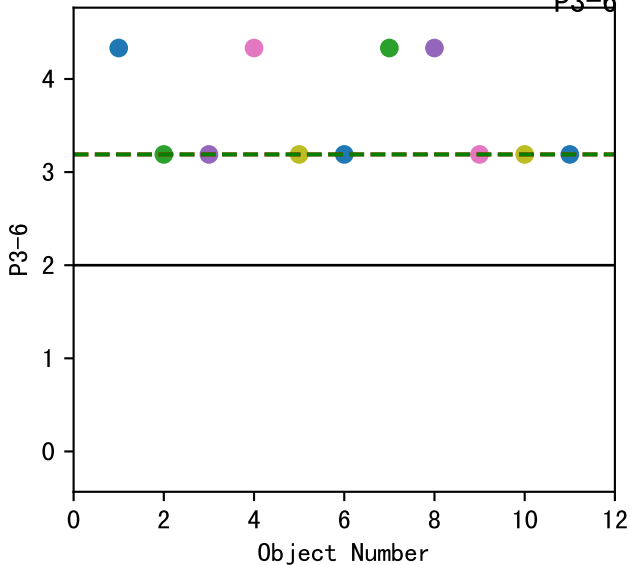


de (Def=5 Set=15.17)
avg1=18.05(fail) avg2=15.17



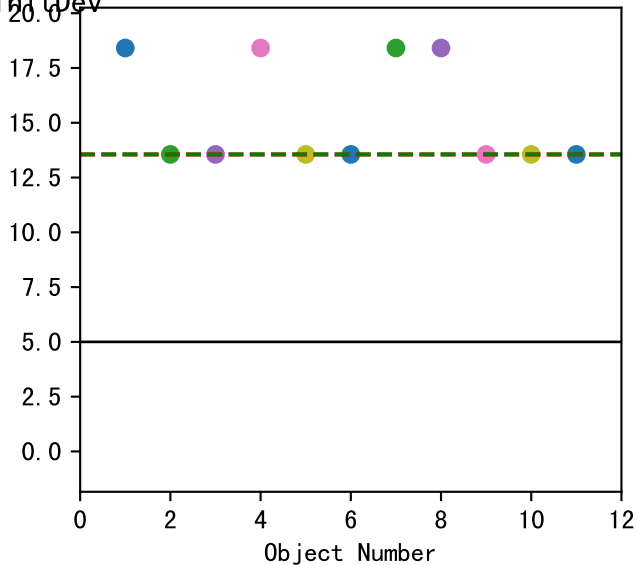
InitDev_dm (Def=2 Set=3.19)
avg1=3.19~19% avg2=3.19

P3-6

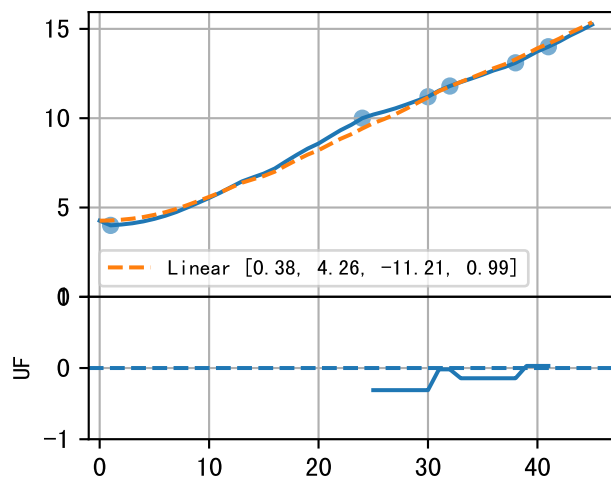


InitDev_de (Def=5 Set=13.55)
avg1=13.55~19% avg2=13.55

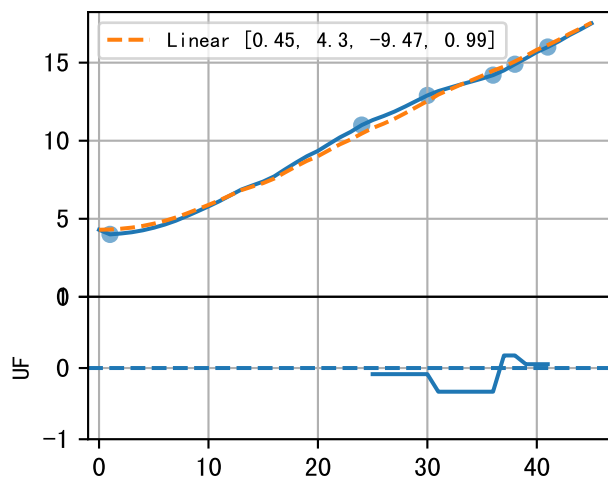
InitDev



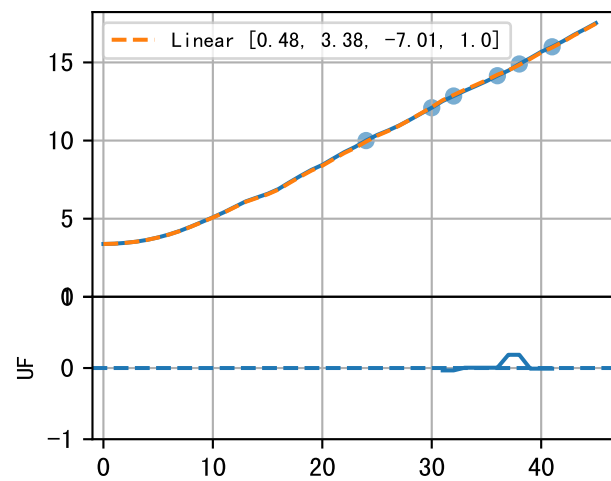
P3-6-003-24



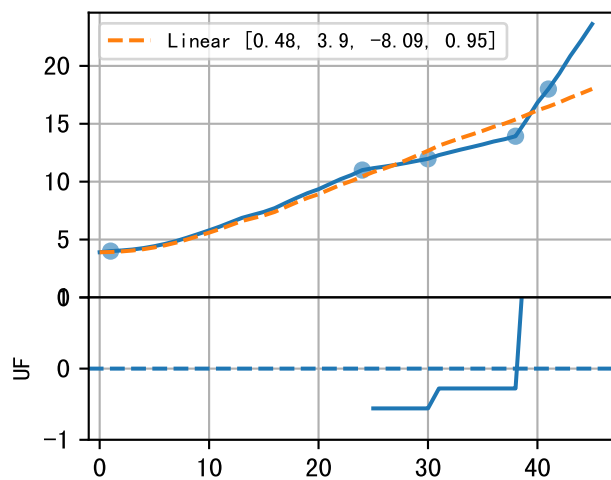
P3-6-007-11



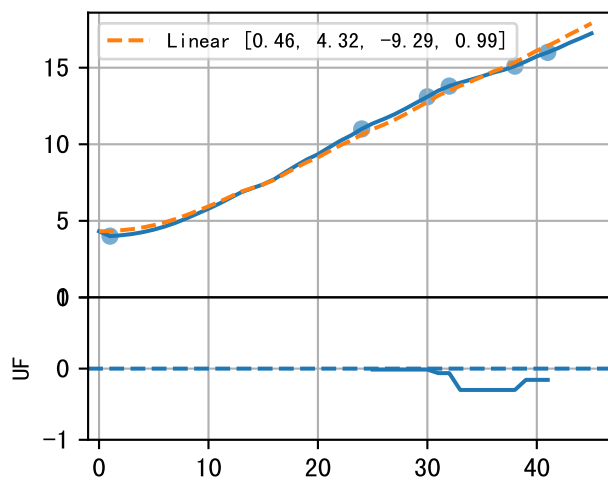
P3-6-011-7



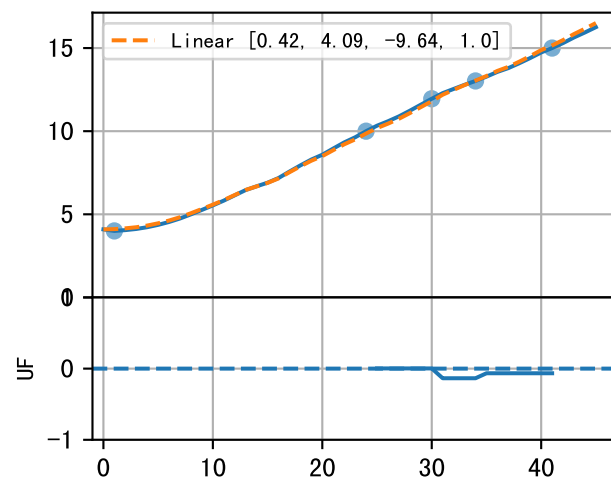
P3-6-015-30



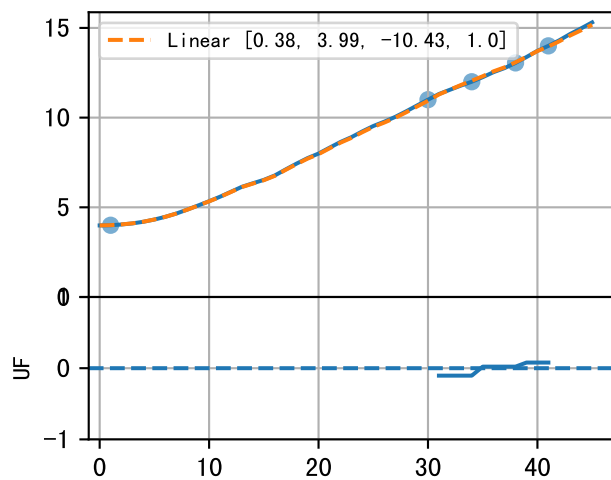
P3-6-019-12



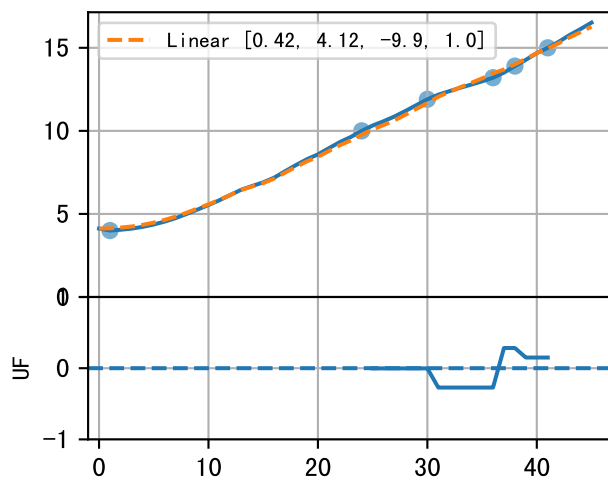
P3-6-024-25



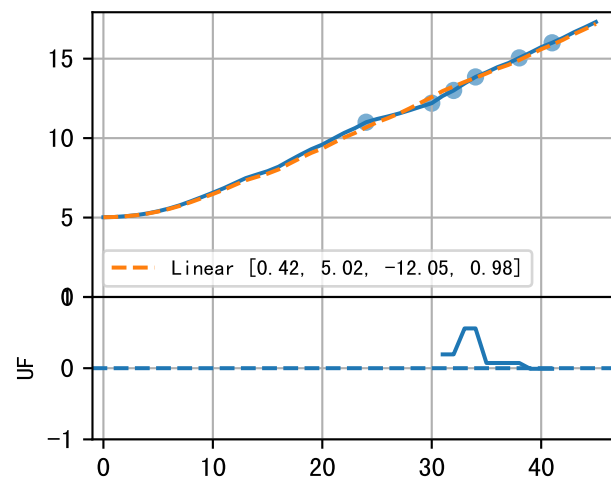
P3-6-028-32



P3-6-033-9

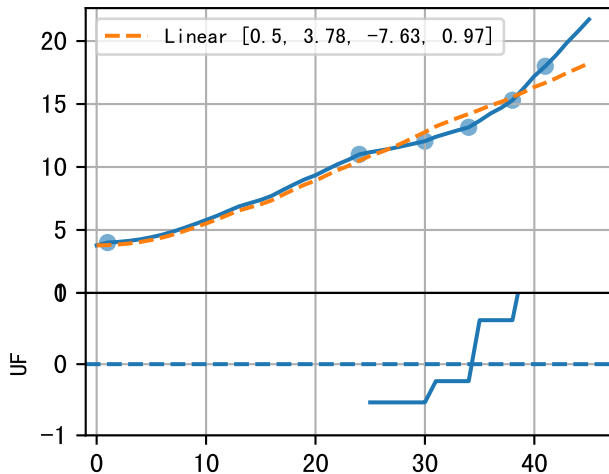


P3-6-038-21



P3-6-042-4

LfN



P3-6avg
Lfn

Linear [0.41, 4.63, -11.27, 0.98]

UF

15

10

5

0

0

-1

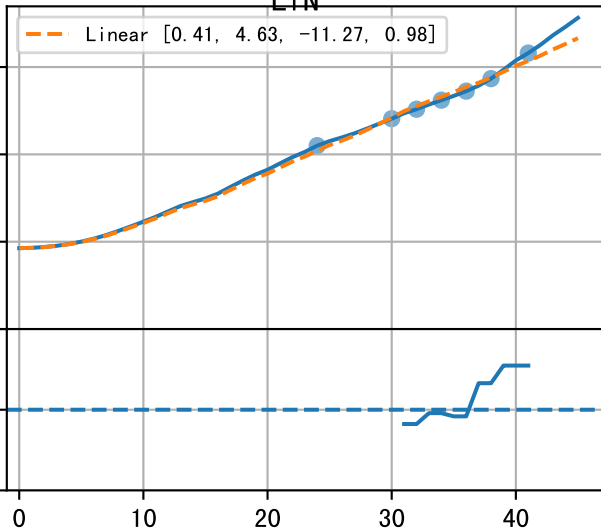
0

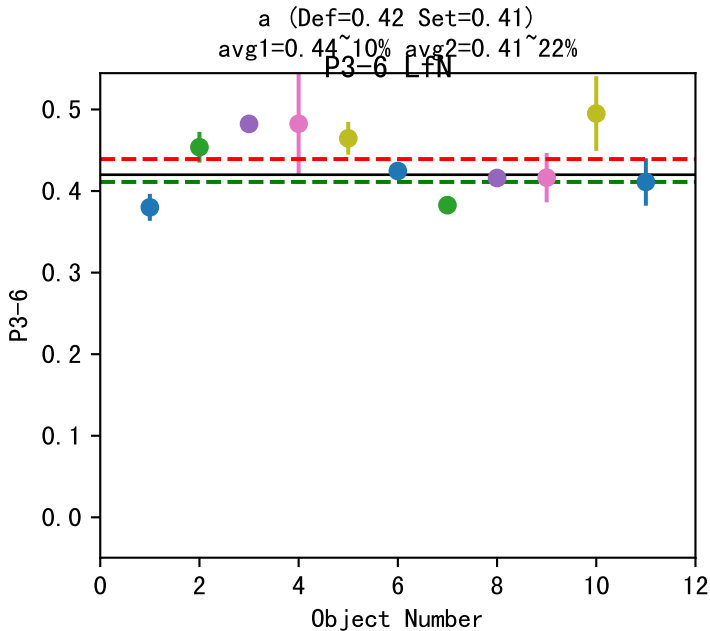
10

20

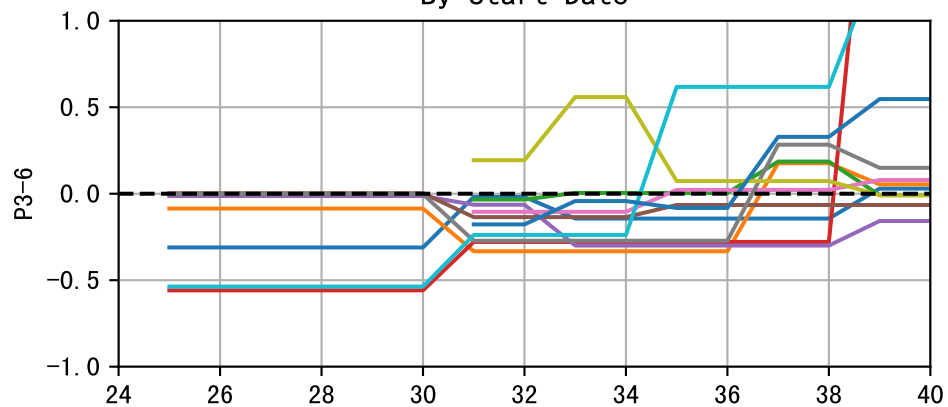
30

40

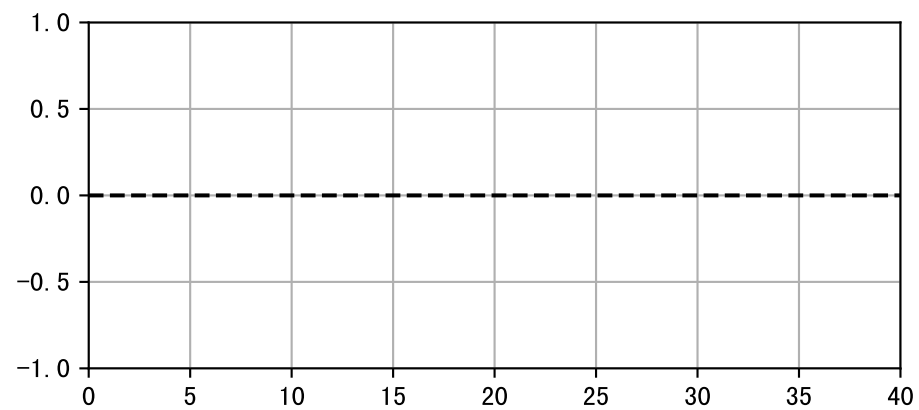
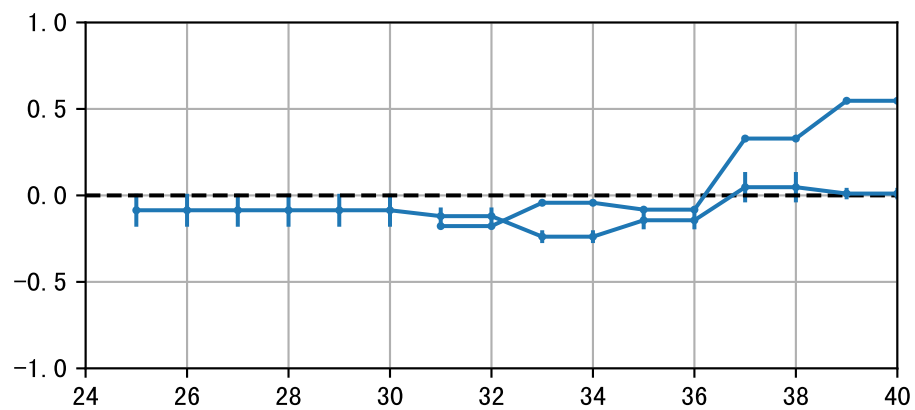
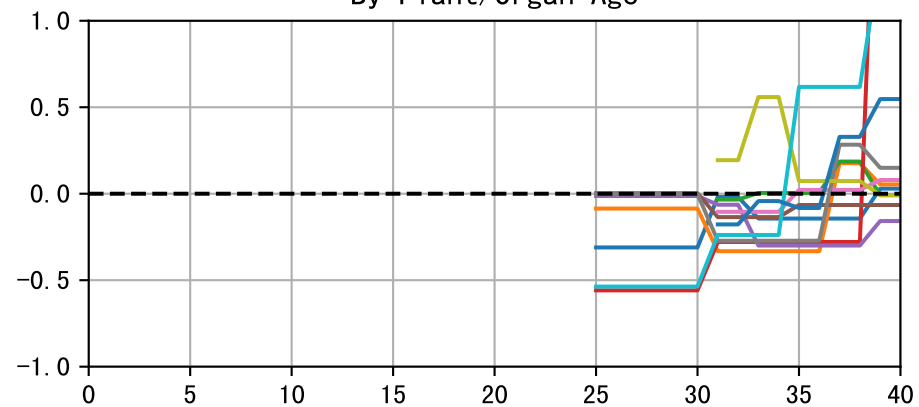




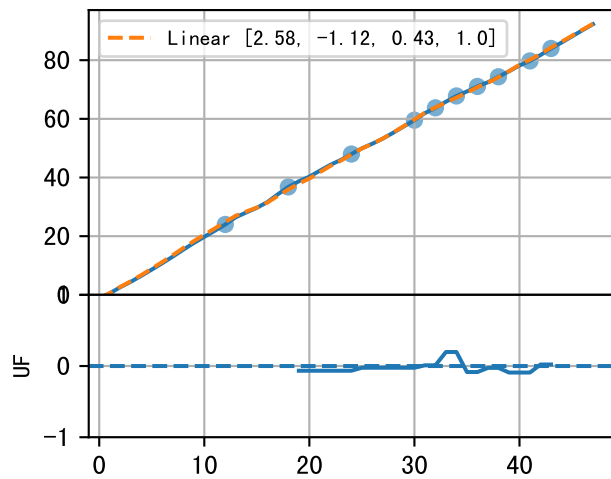
By Start Date



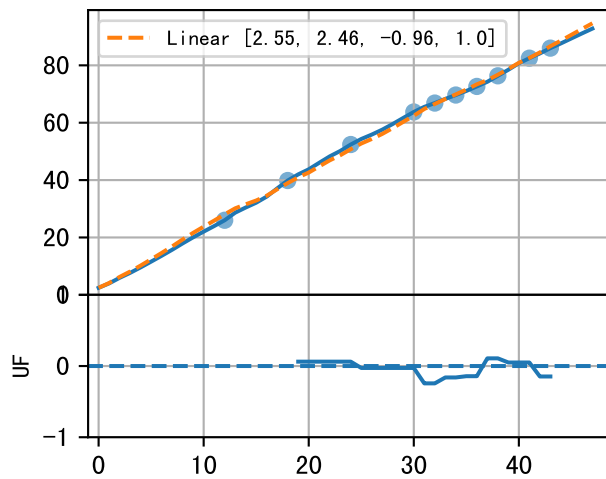
By Plant/Organ Age



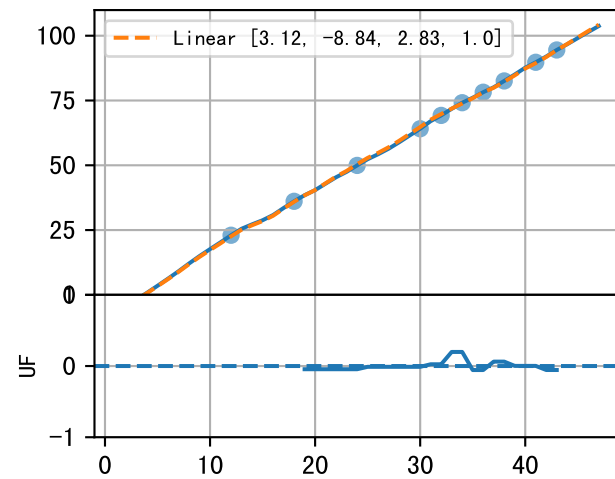
P3-6-003-24



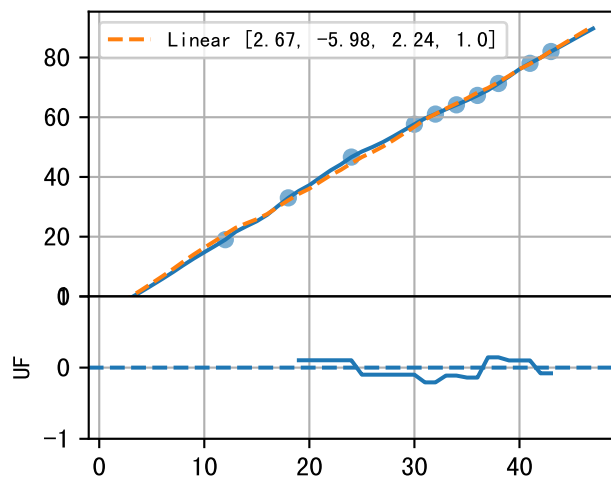
P3-6-007-11



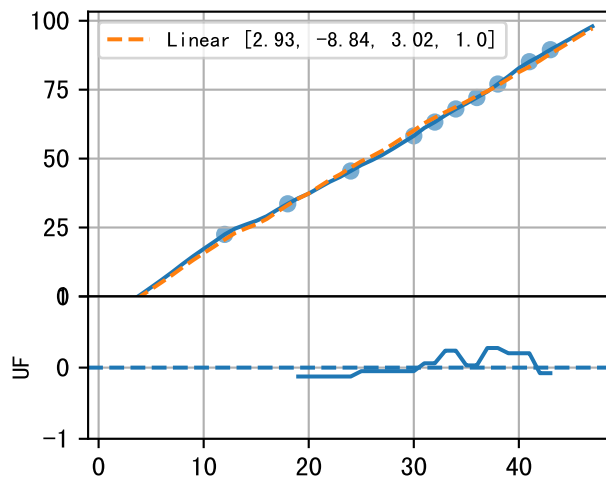
P3-6-011-7



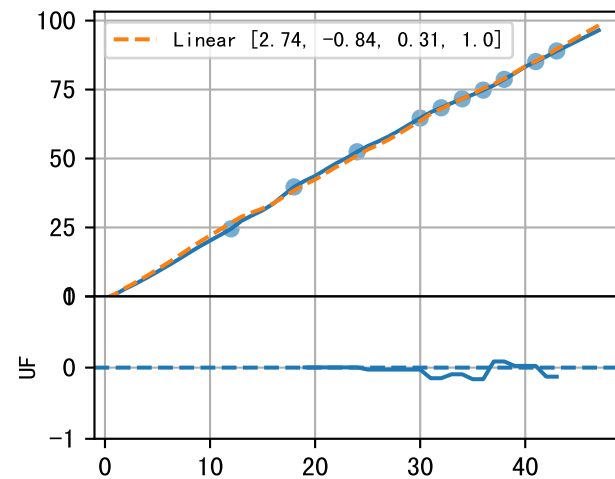
P3-6-015-30



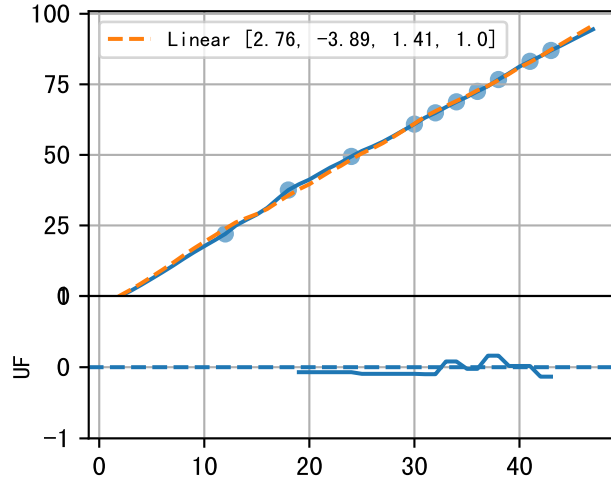
P3-6-019-12



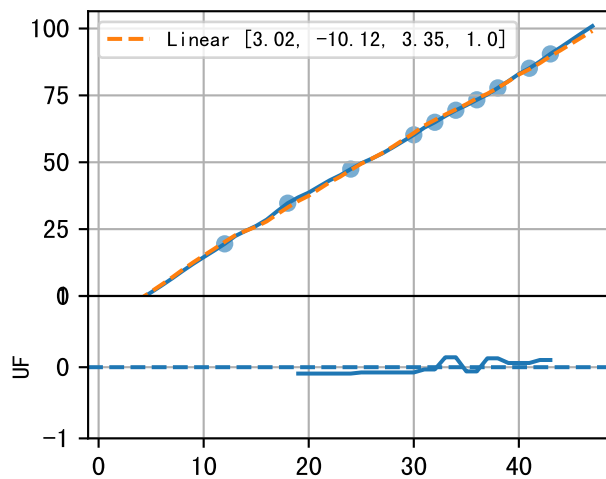
P3-6-024-25



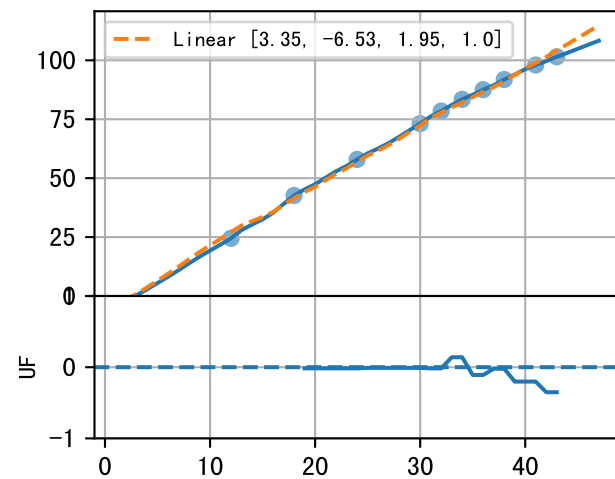
P3-6-028-32



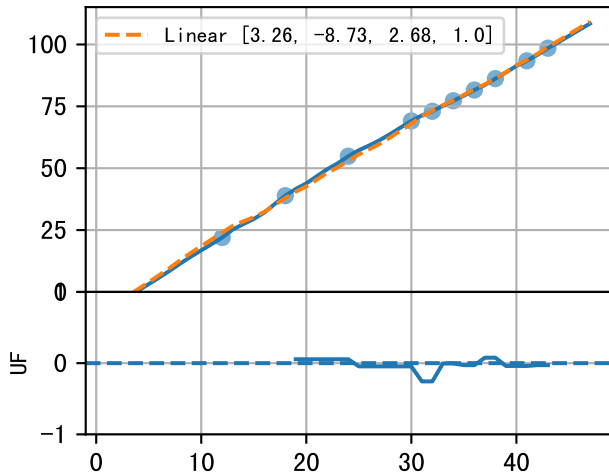
P3-6-033-9



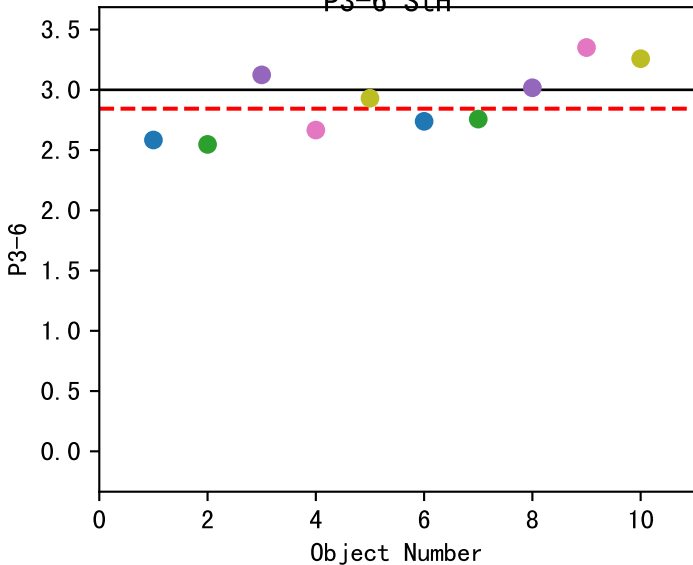
P3-6-038-21



P3-6-042-4

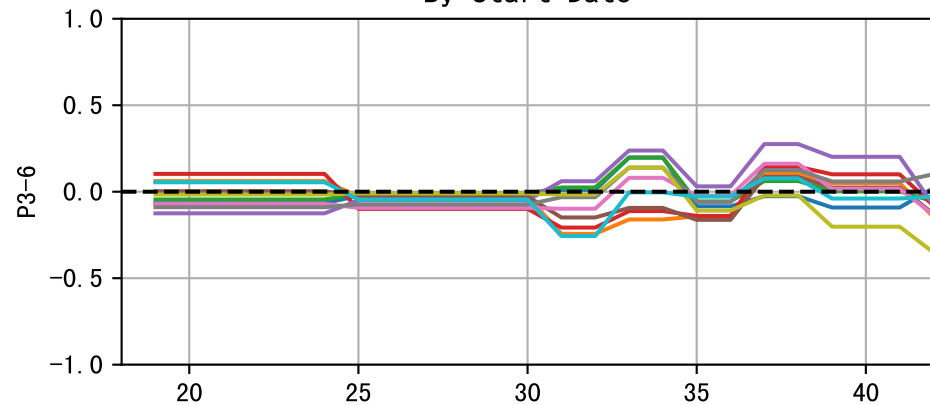


a (Def=3 Set=2.84)
avg1=2.84~10% avg2=na
P3-6 StH

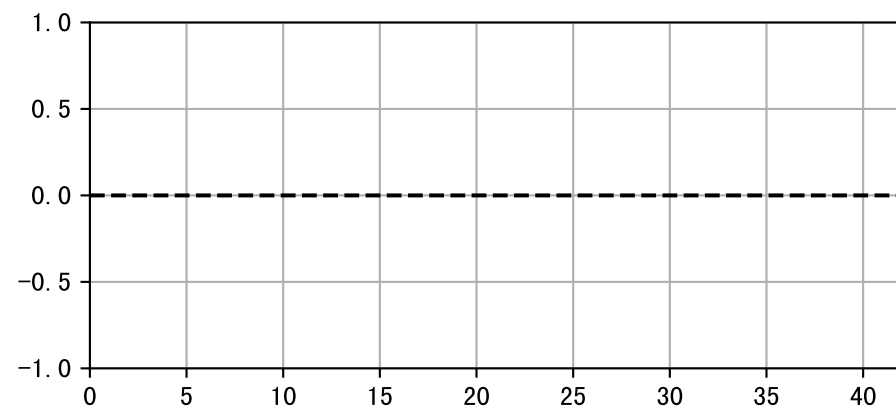
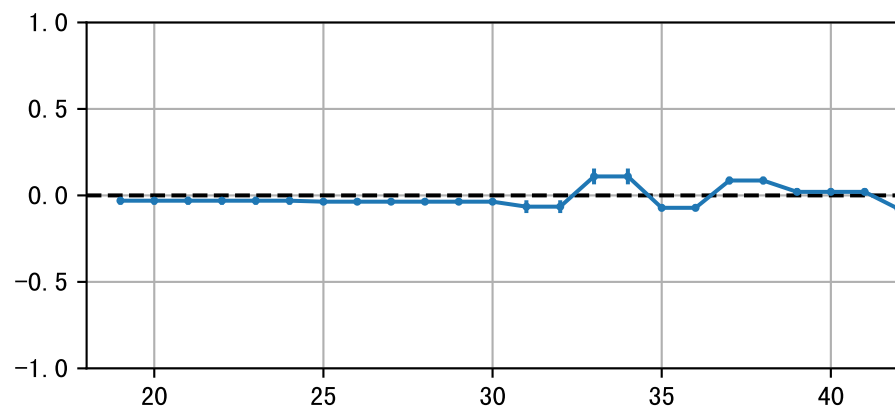
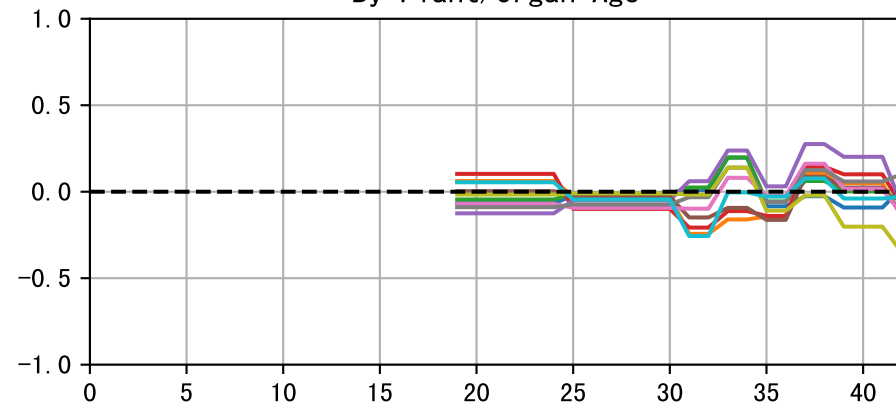


StH

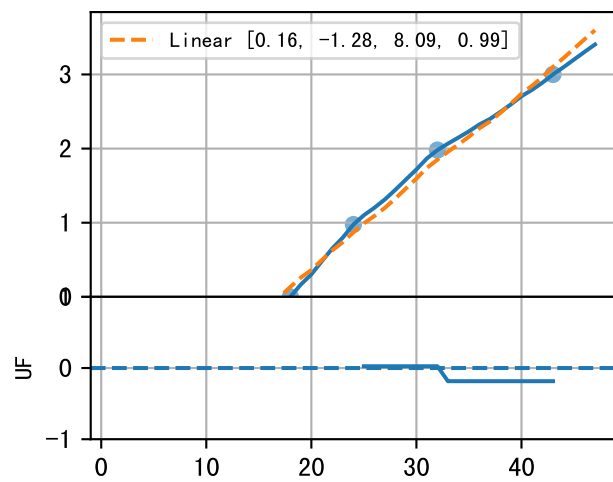
By Start Date



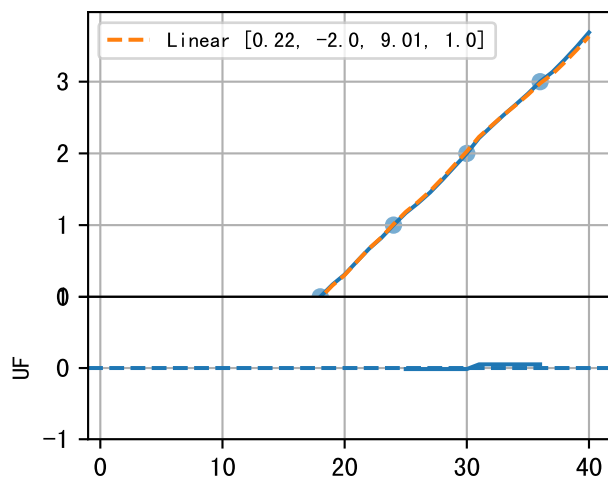
By Plant/Organ Age



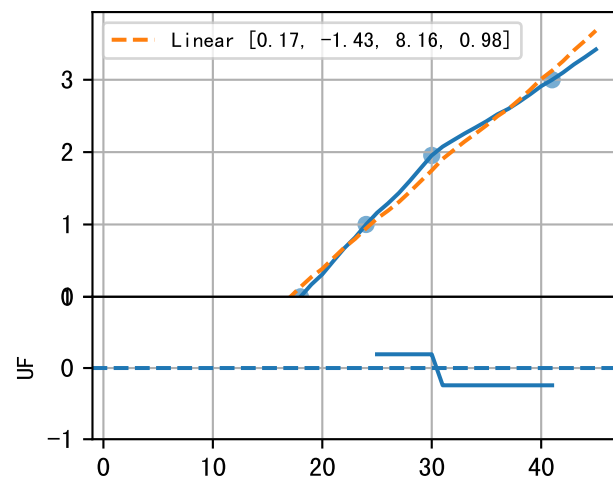
P3-6-003-24



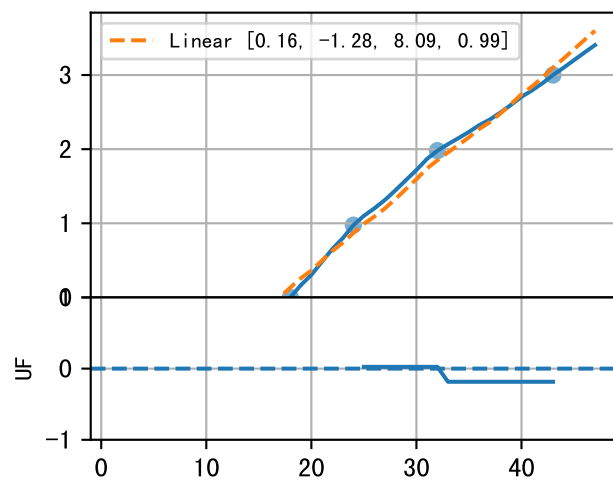
P3-6-007-11



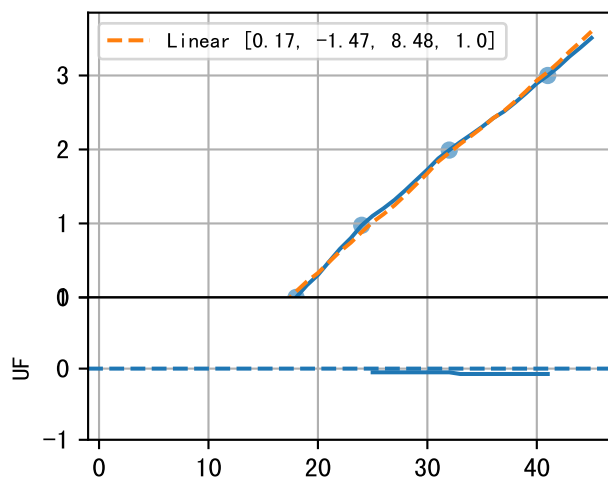
P3-6-011-7



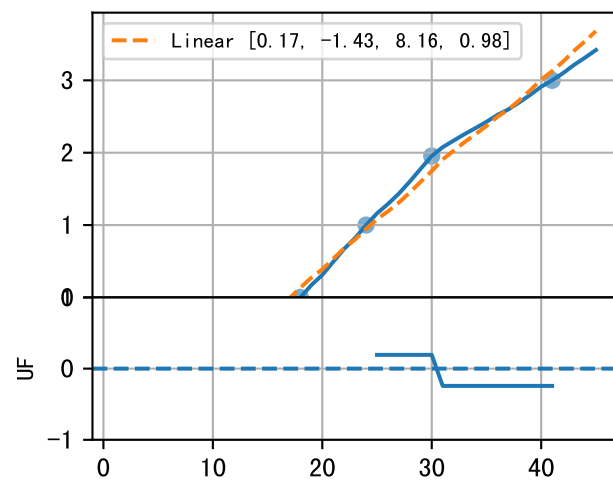
P3-6-015-30



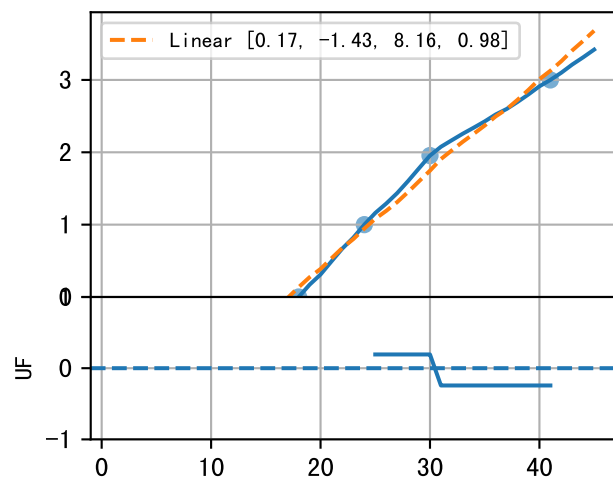
P3-6-019-12



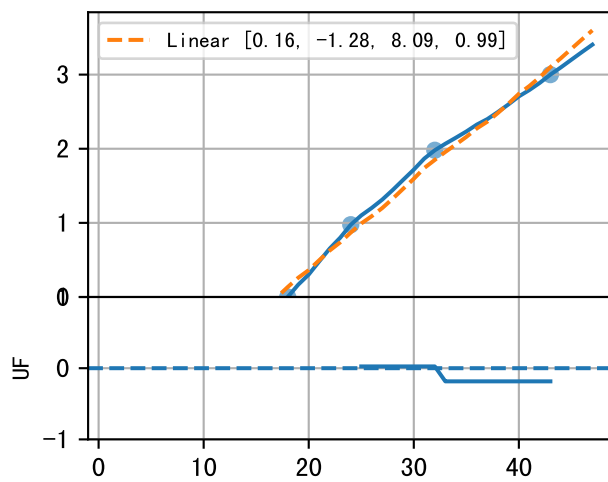
P3-6-024-25



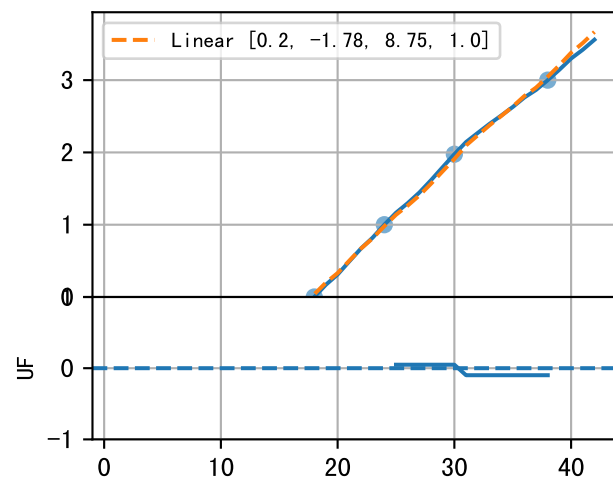
P3-6-028-32



P3-6-033-9

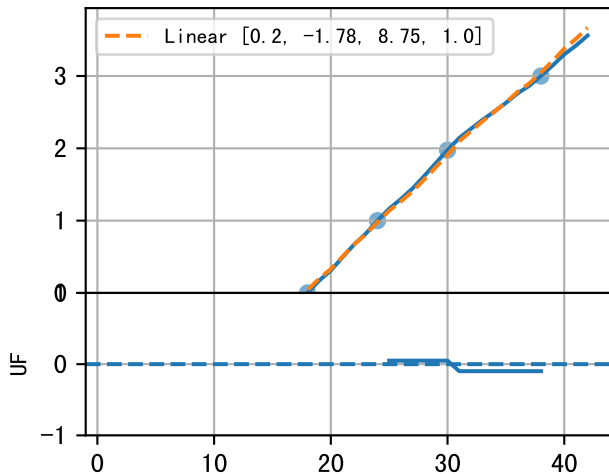


P3-6-038-21

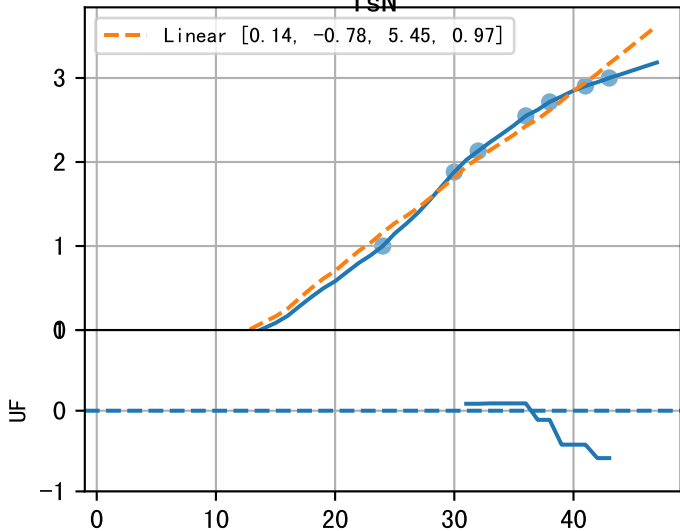


P3-6-042-4

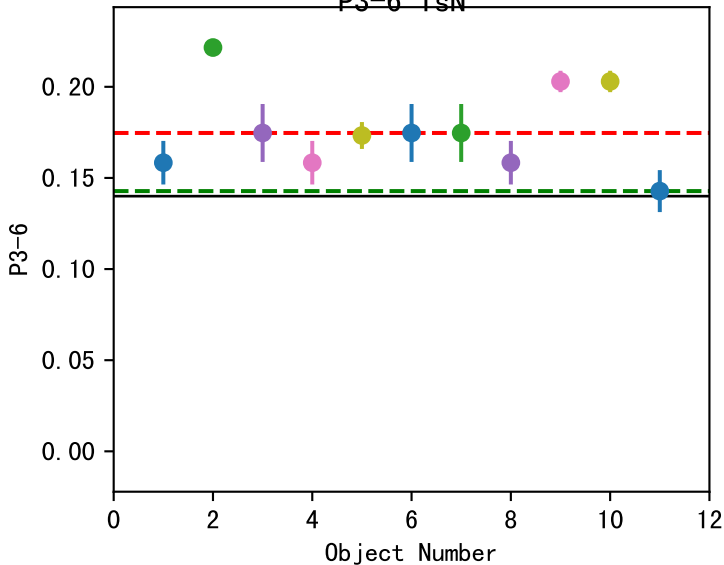
TsN



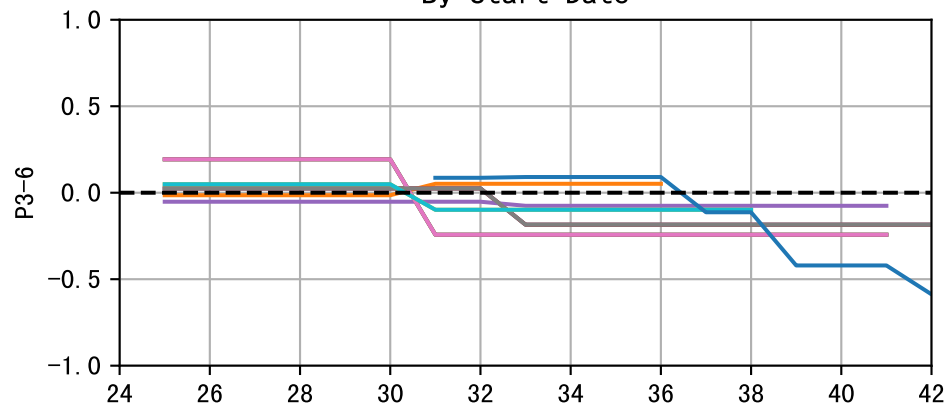
P3-6avg
T_{SN}



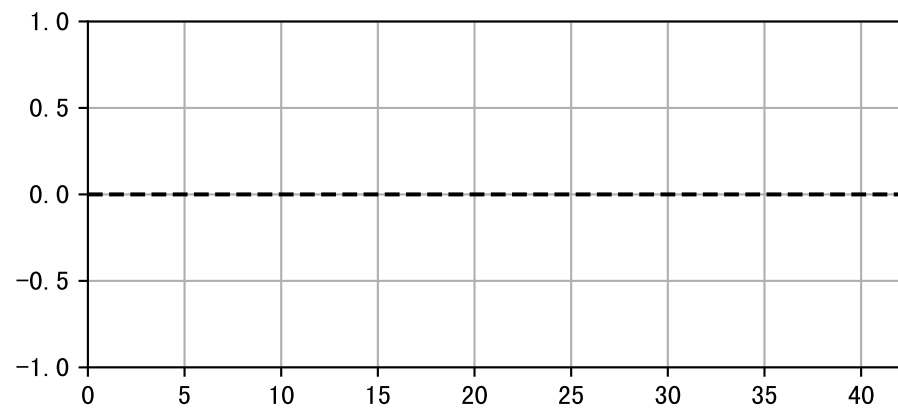
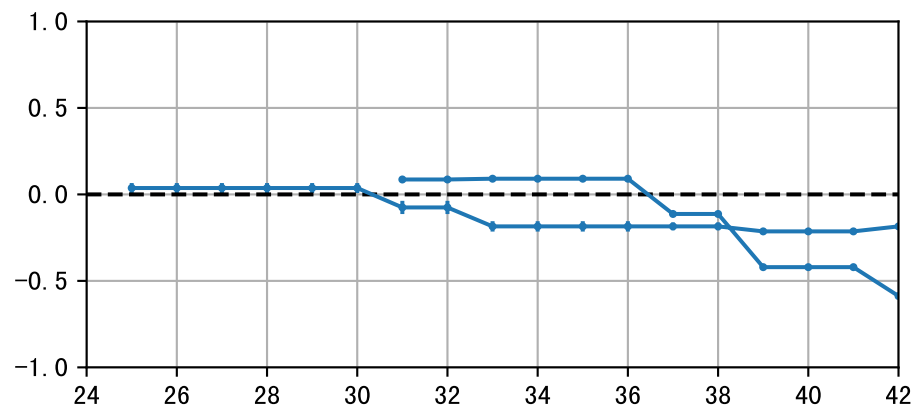
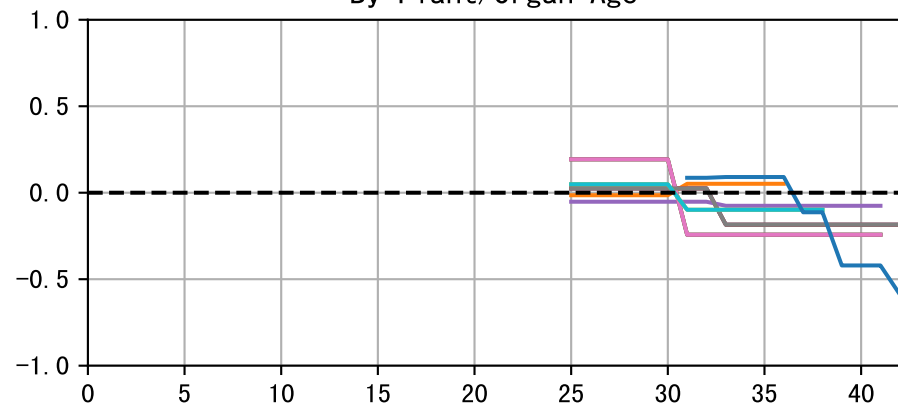
a (Def=0.14 Set=0.14)
avg1=0.17~13% avg2=0.14~23%
P3-6 1sN



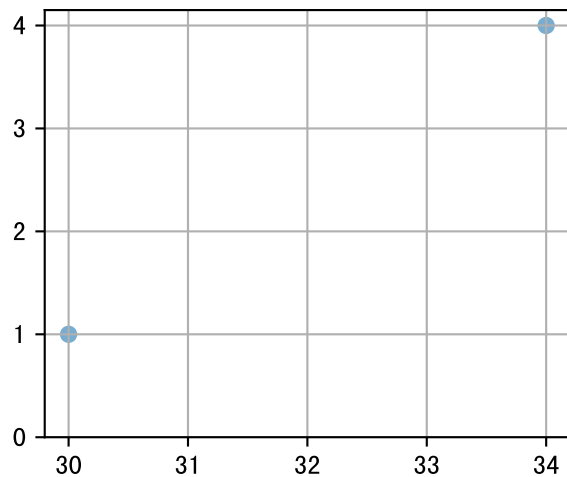
By Start Date



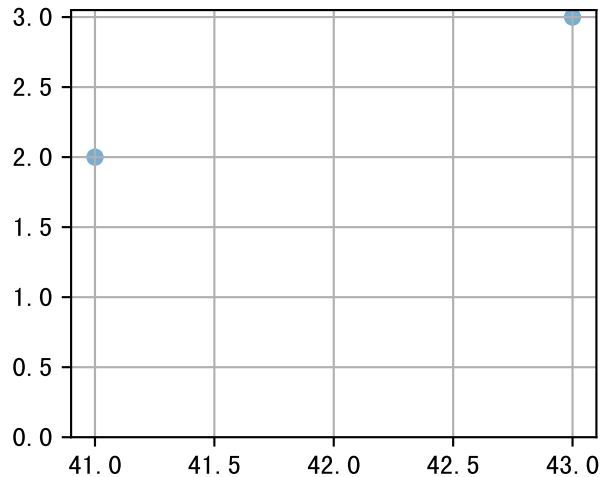
By Plant/Organ Age



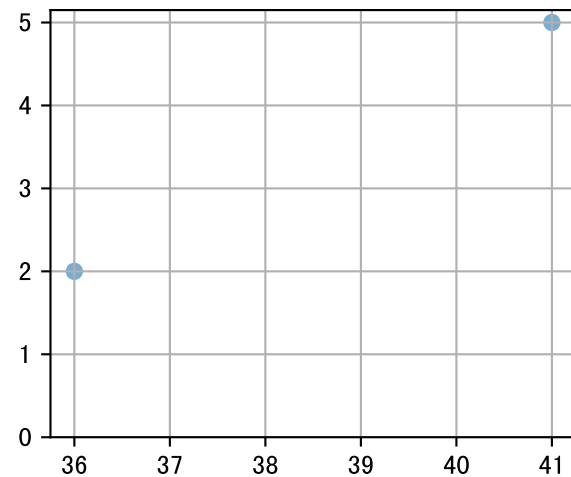
P3-6-003-24T1 (fit failed)



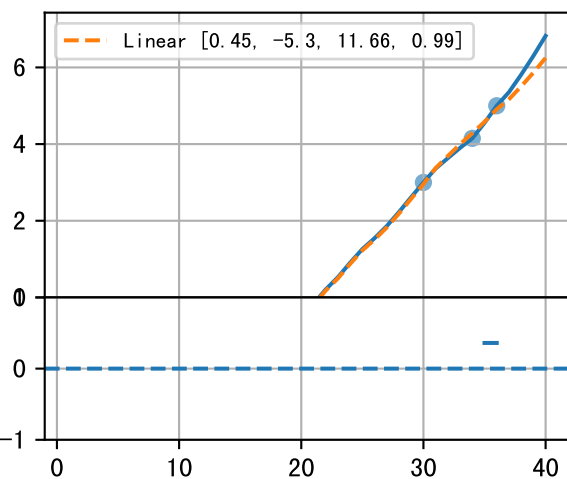
P3-6-003-24T2 (fit failed)



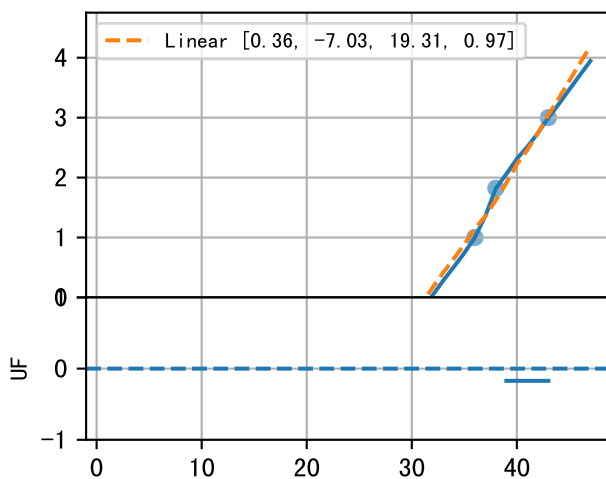
P3-6-007-11T2 (fit failed)



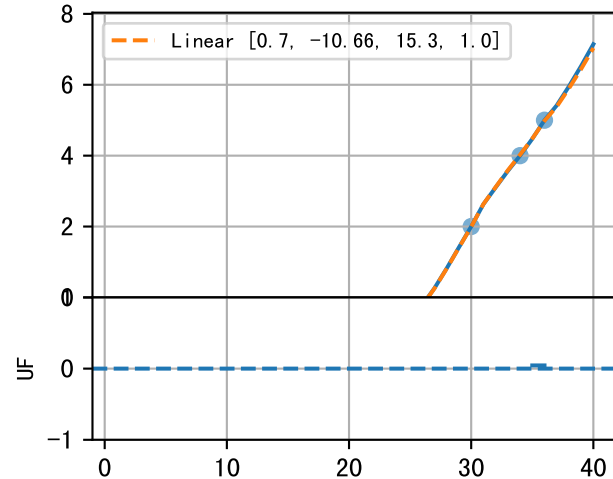
P3-6-011-7T1



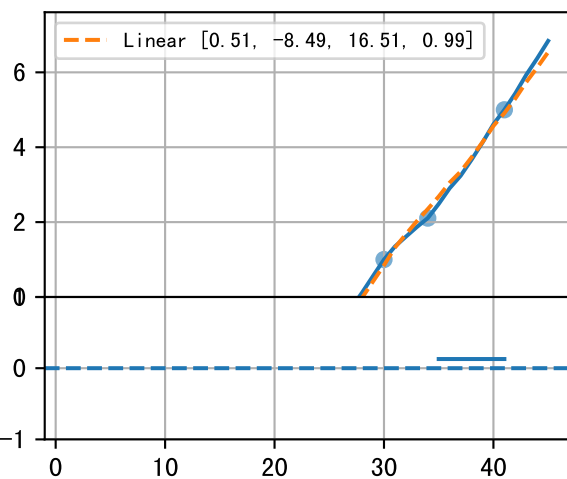
P3-6-011-7T2



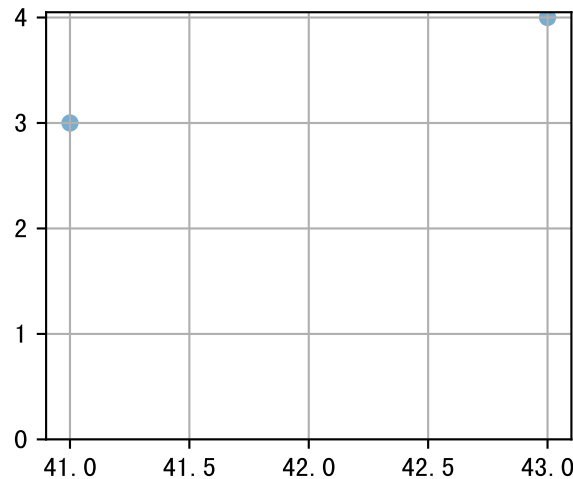
P3-6-015-30T1



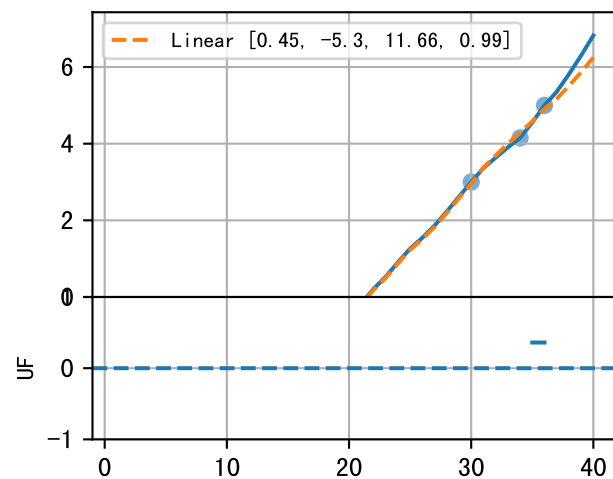
P3-6-019-12T1



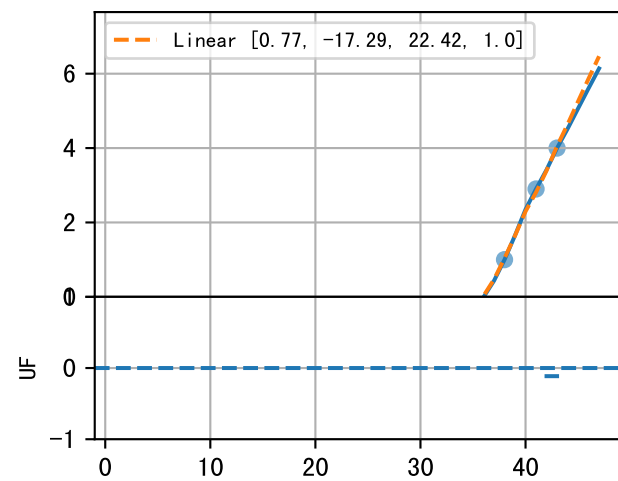
P3-6-019-12T2 (fit failed)



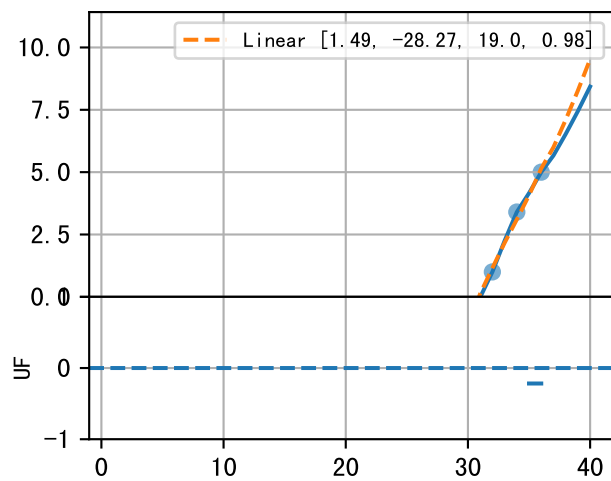
P3-6-024-25T1



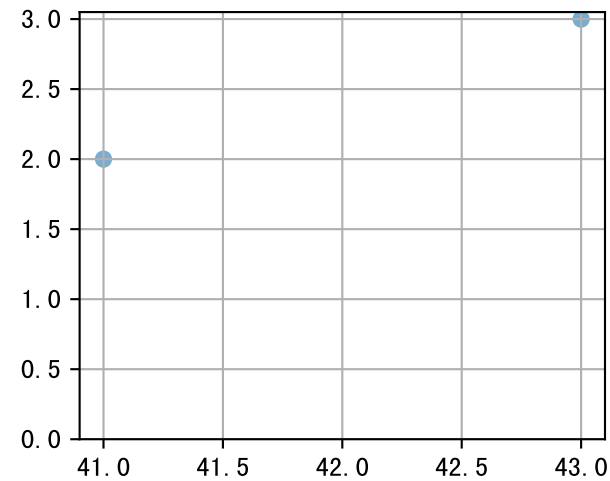
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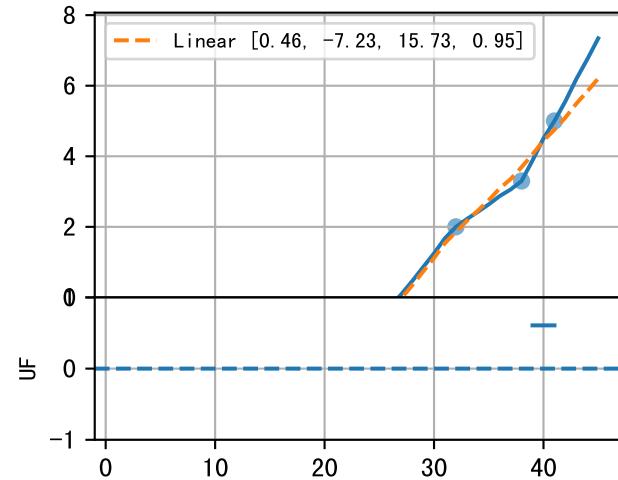
P3-6-028-32T1



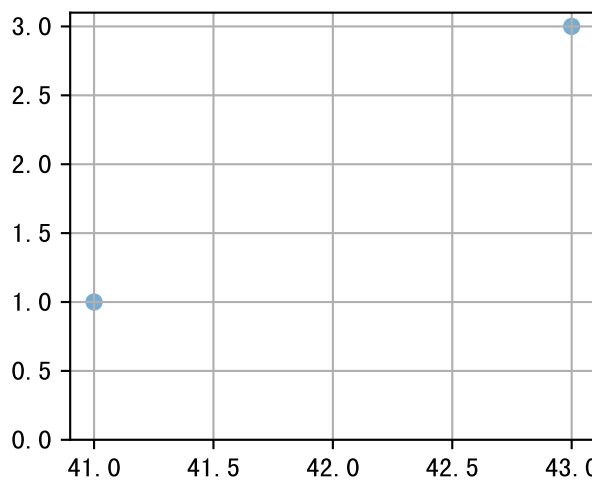
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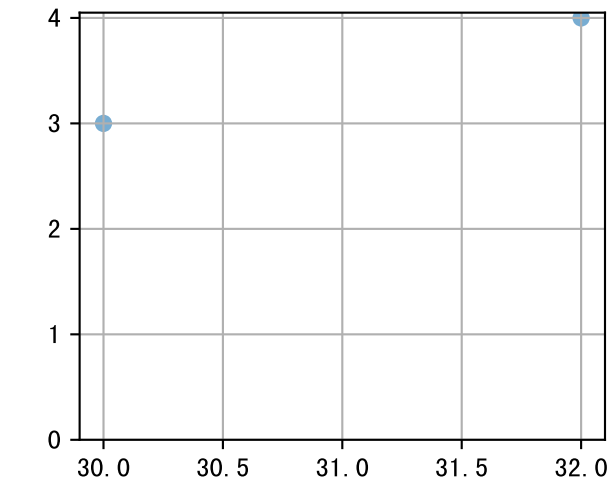
P3-6-033-9T1



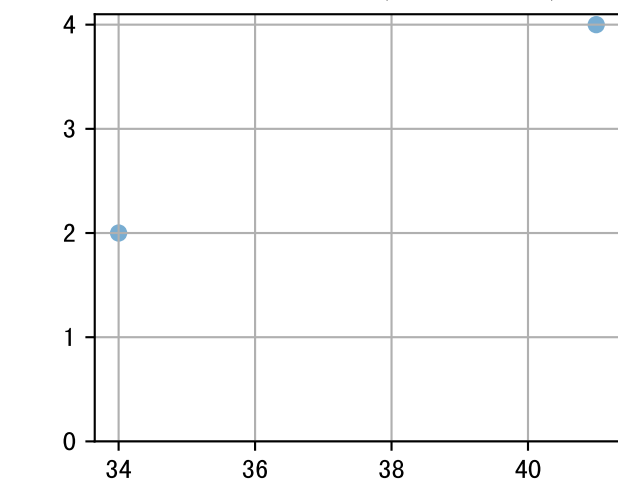
P3-6-033-9T2 (fit failed)



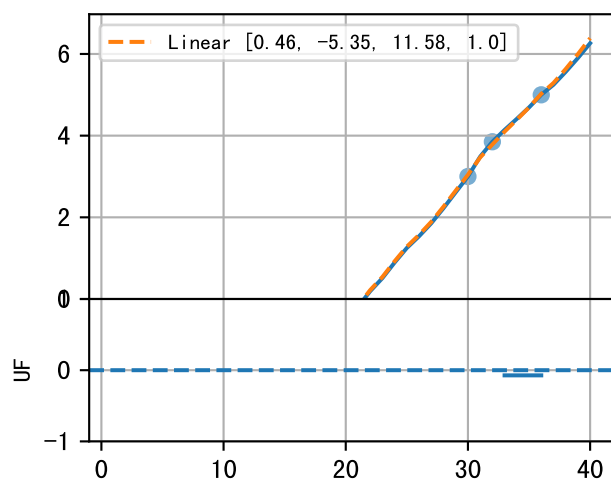
P3-6-038-21T1 (fit failed)



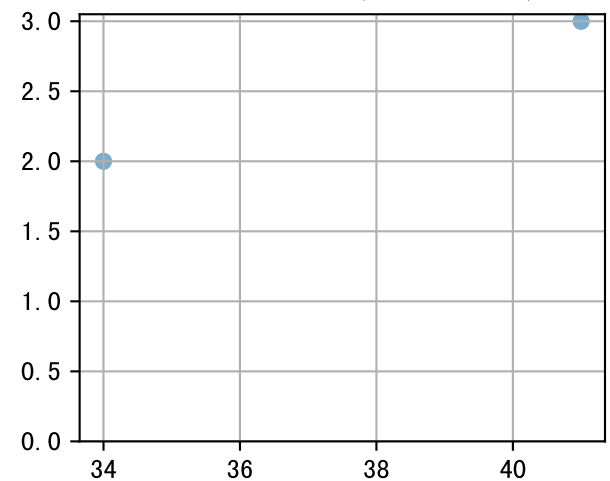
P3-6-038-21T2 (fit failed)



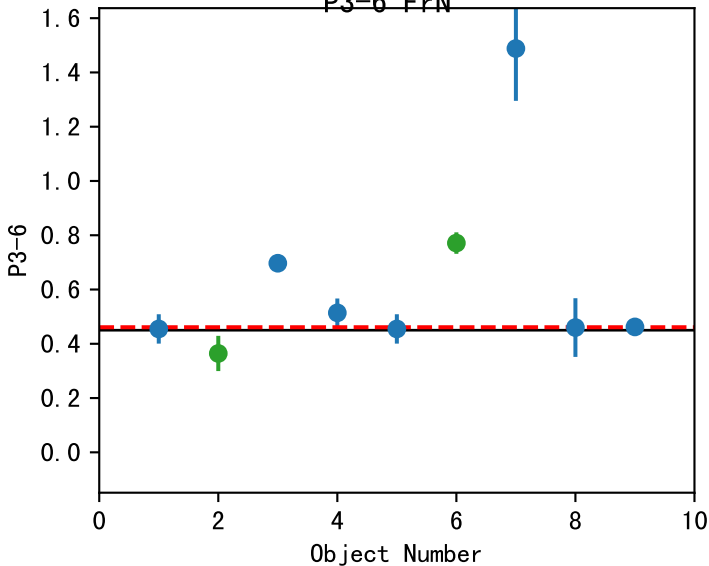
P3-6-042-4T1



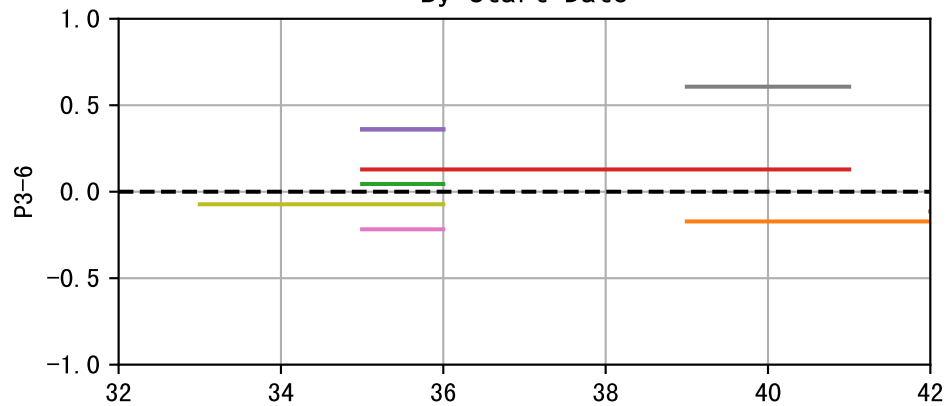
P3-6-042-4T2 (fit failed)



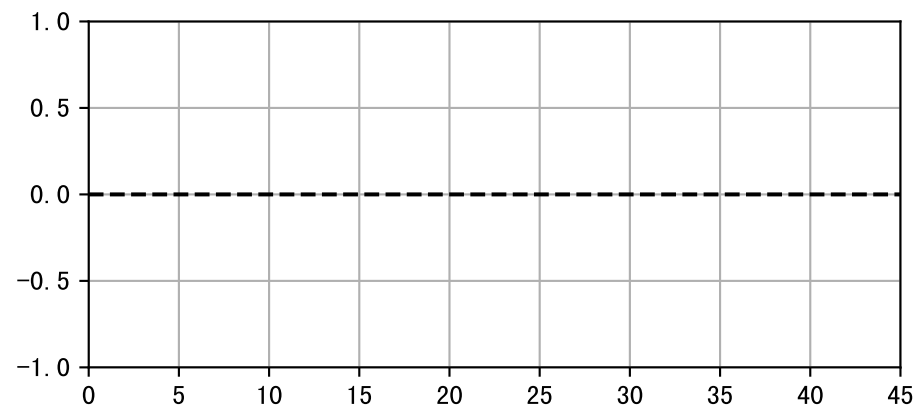
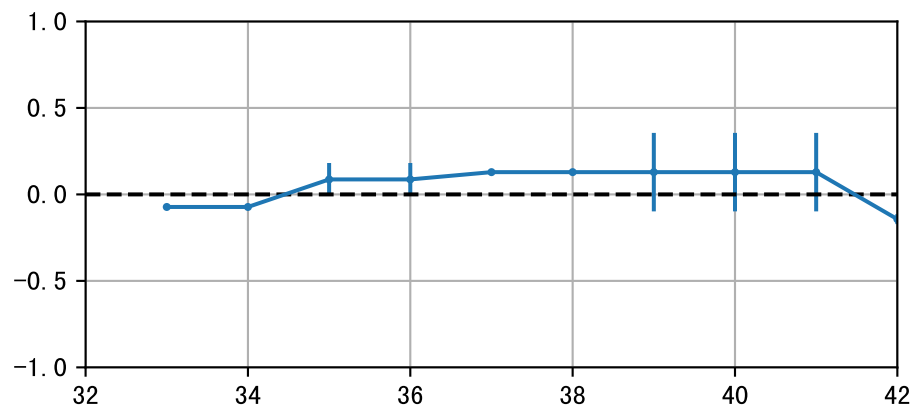
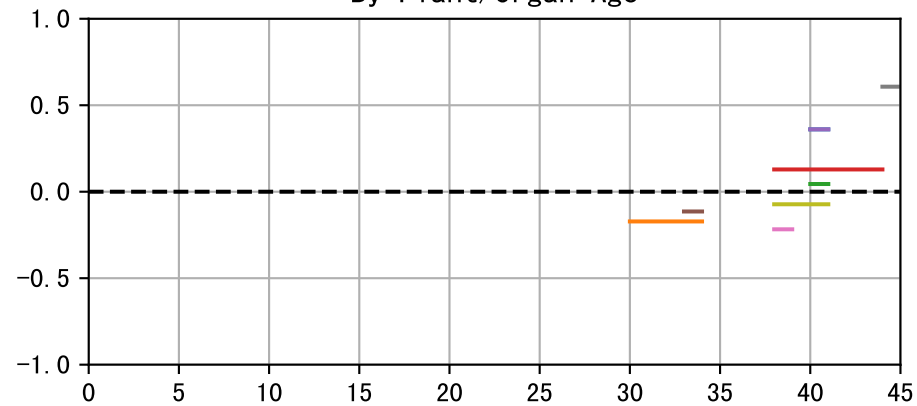
a (Def=0.45 Set=0.46)
avg1=0.46~30% avg2=na



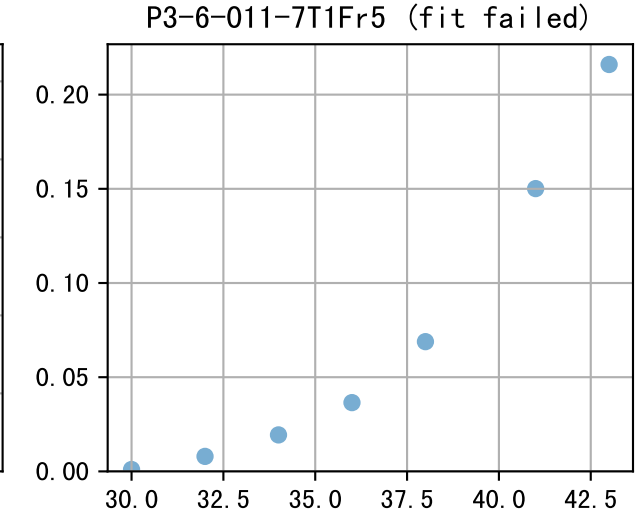
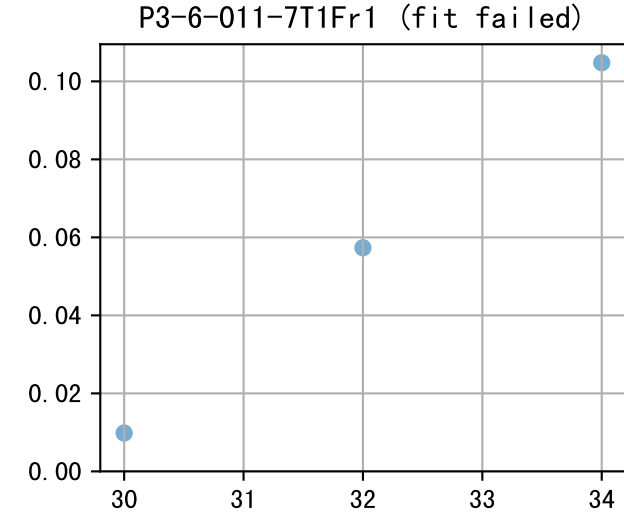
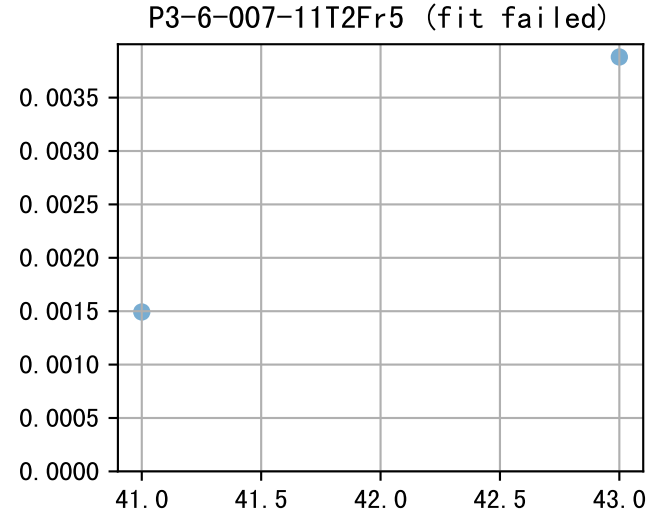
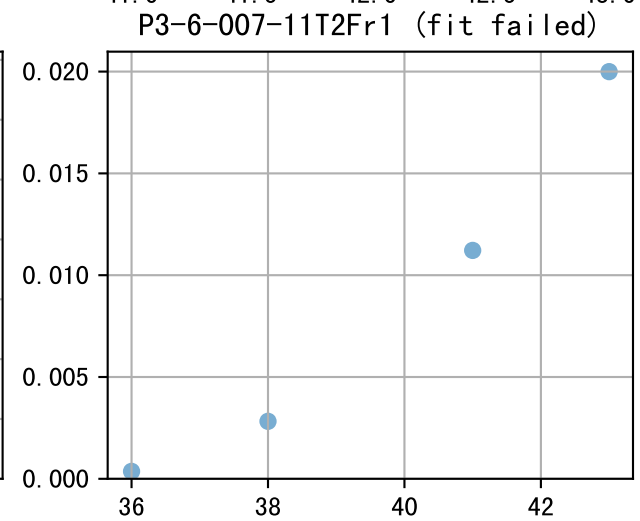
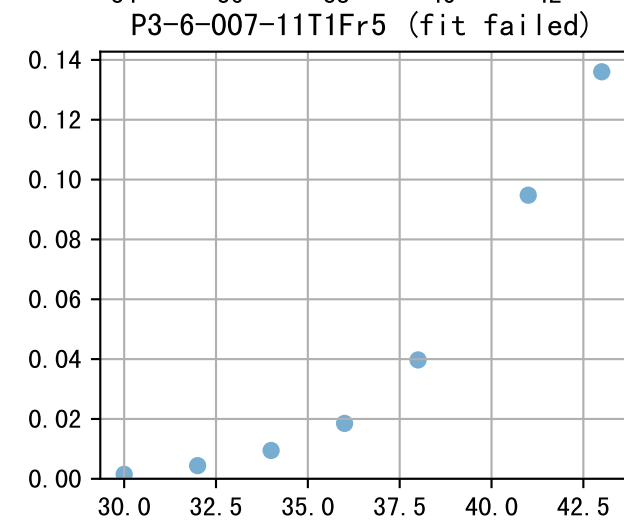
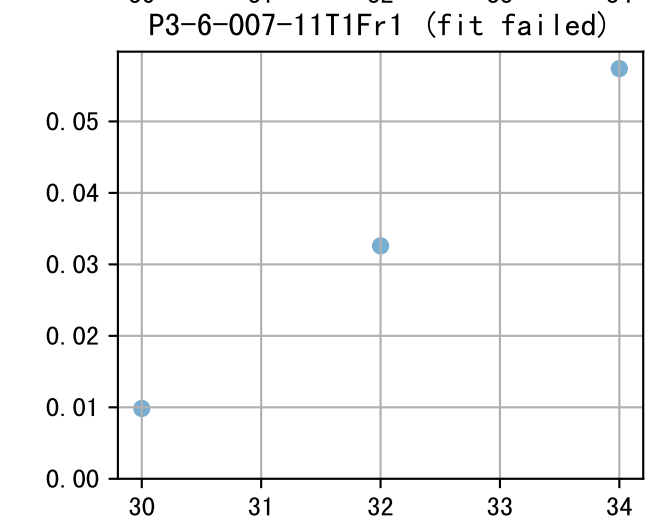
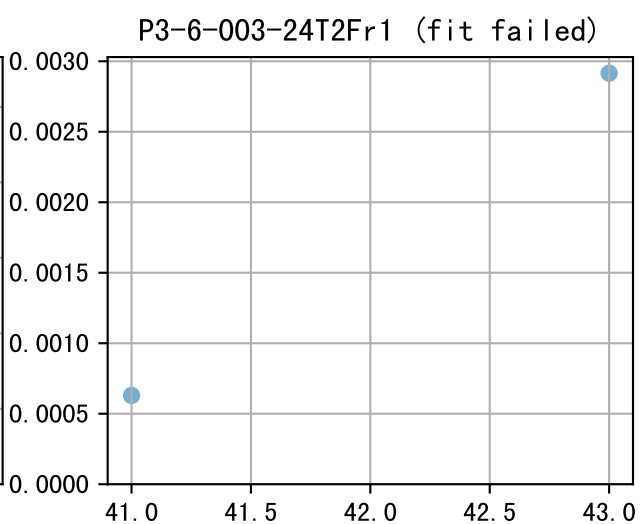
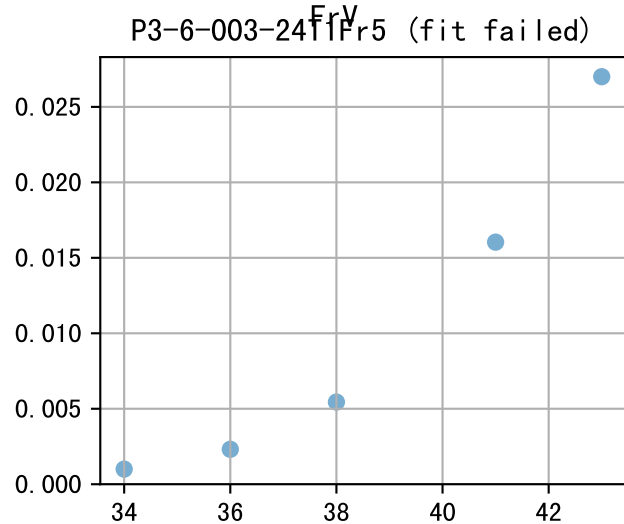
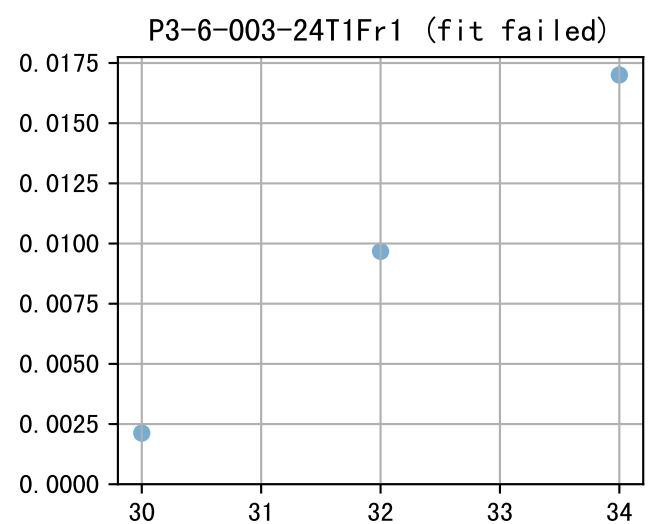
By Start Date



By Plant/Organ Age

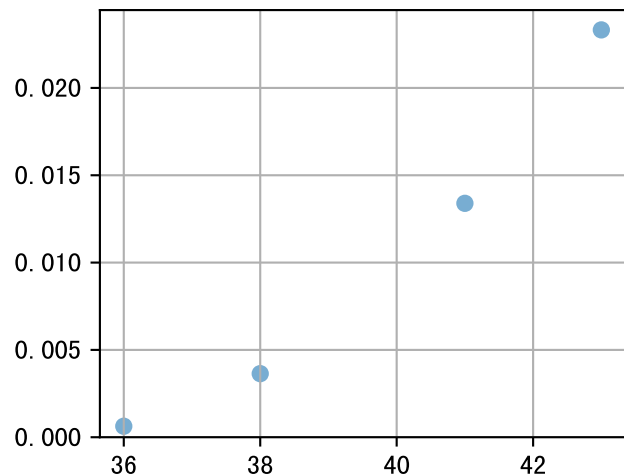


FrV

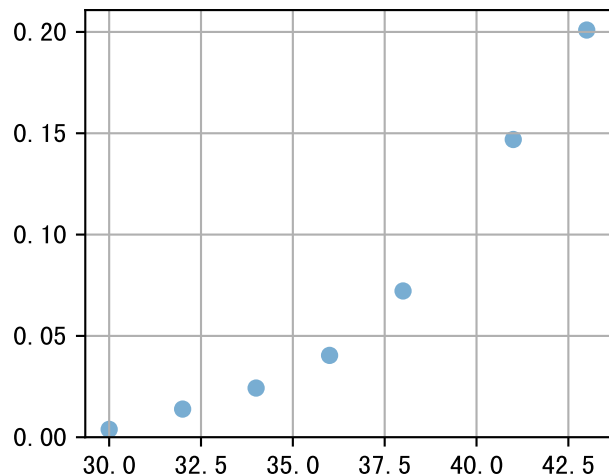


FrV

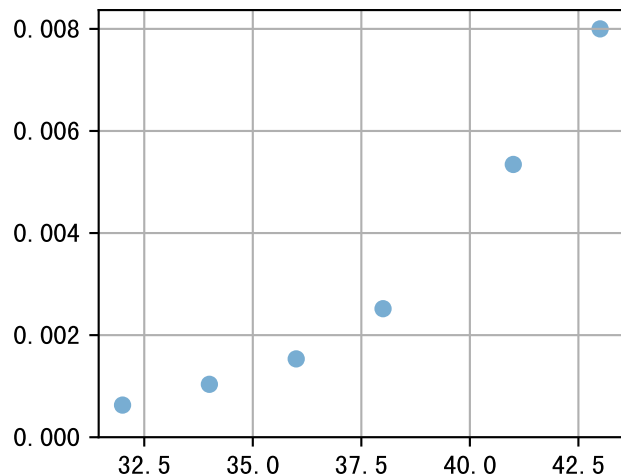
P3-6-011-7T2Fr1 (fit failed)



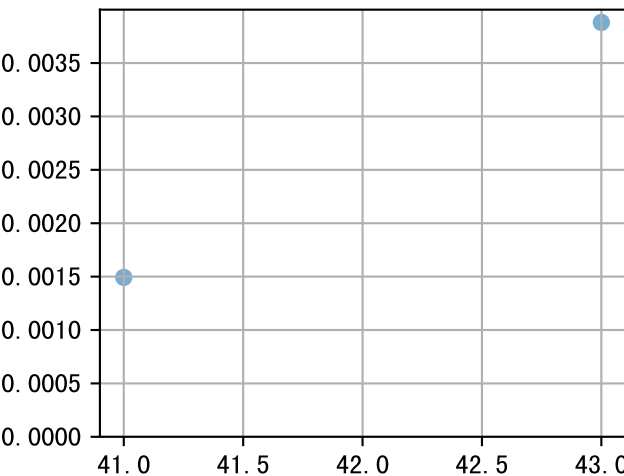
P3-6-015-30T1Fr1 (fit failed)



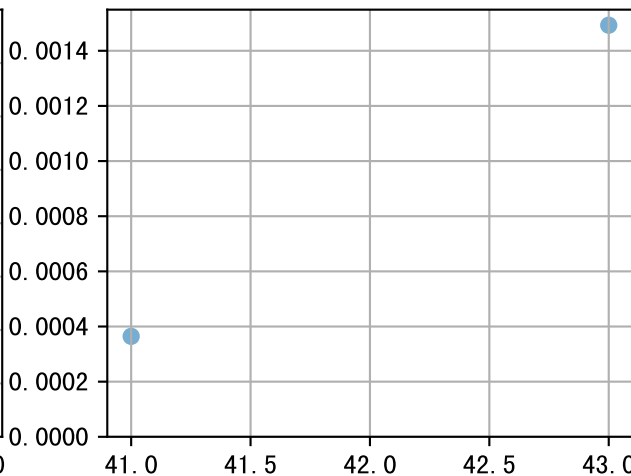
P3-6-015-30T1Fr5 (fit failed)



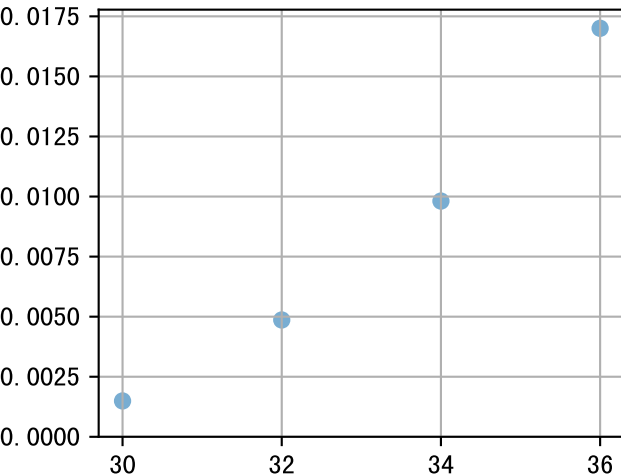
P3-6-015-30T2Fr1 (fit failed)



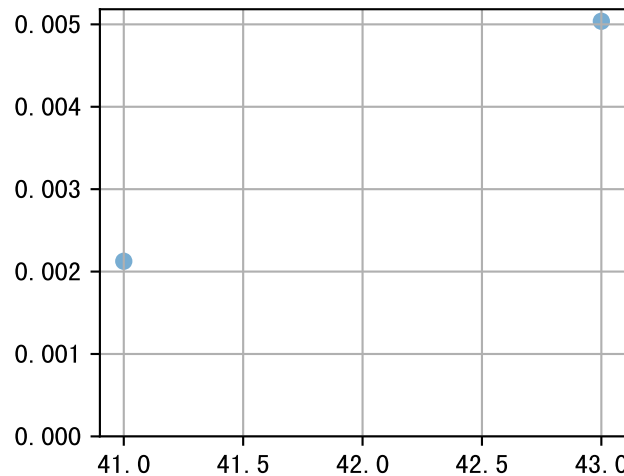
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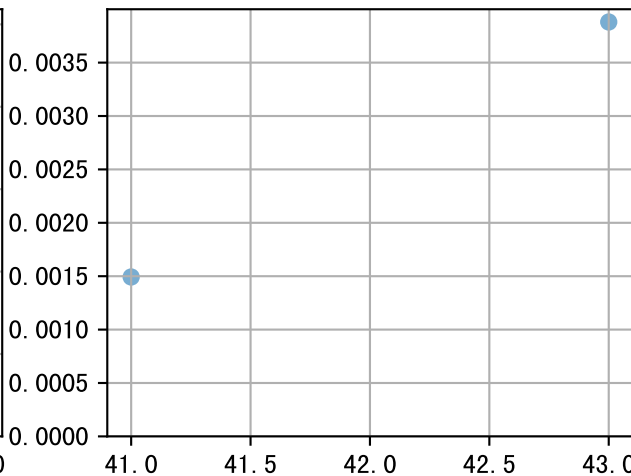
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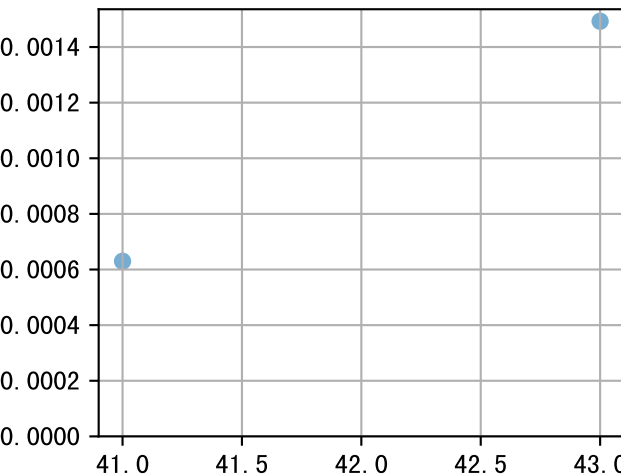
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P3-6-019-12T2Fr1 (fit failed)

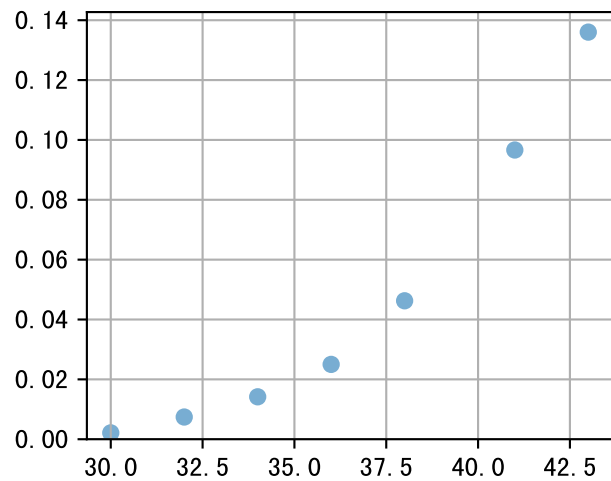


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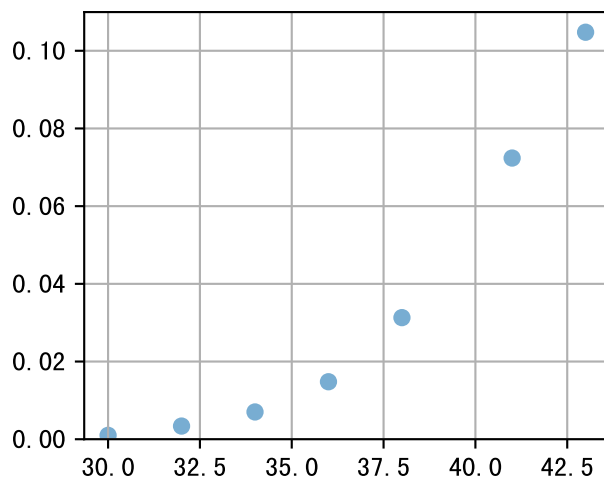


FrV

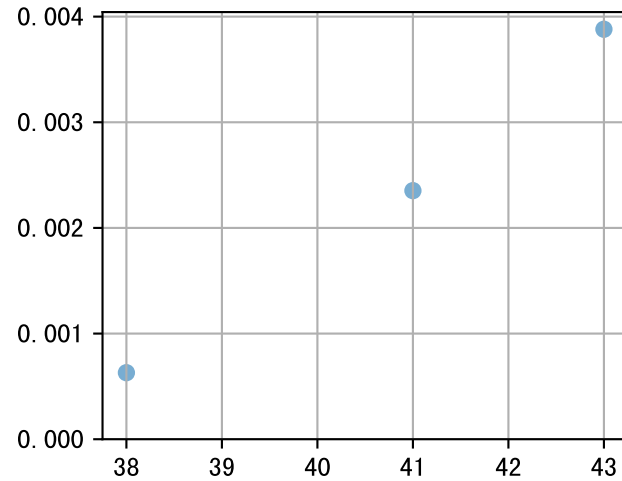
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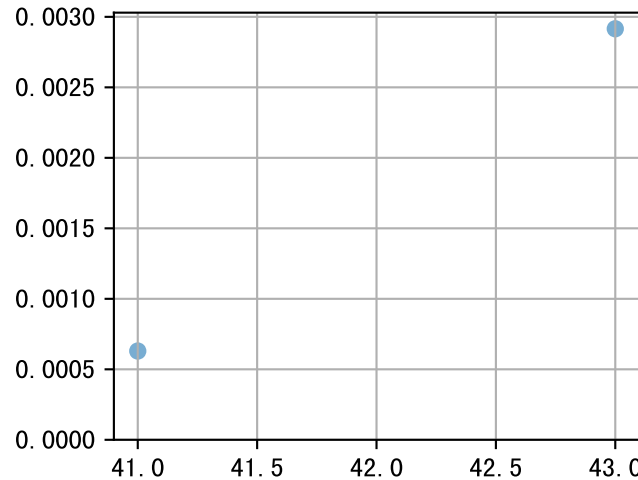
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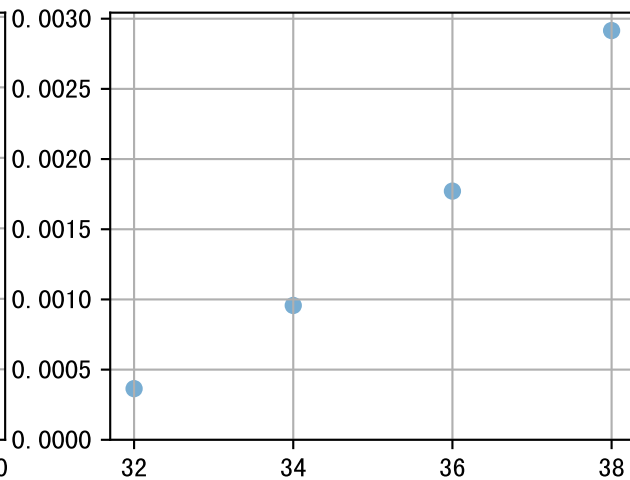
P3-6-024-25T2Fr1 (fit failed)



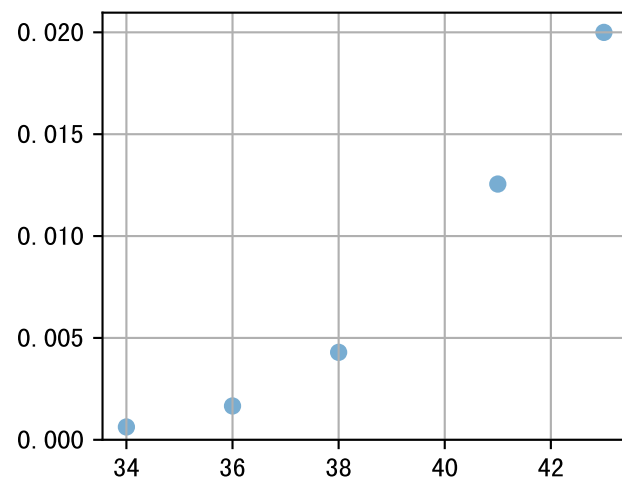
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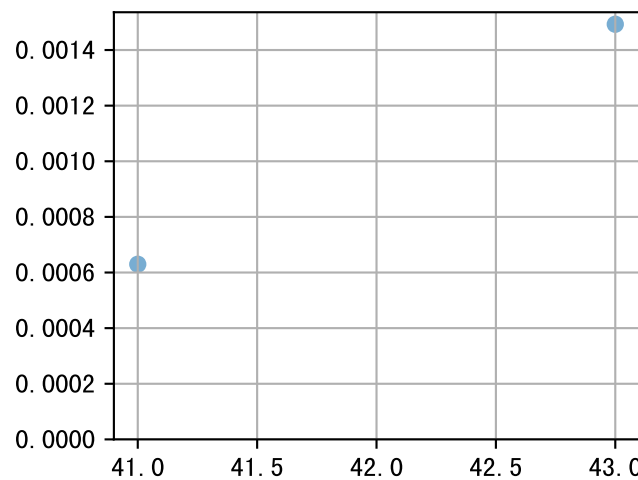
P3-6-028-32T1Fr1 (fit failed)



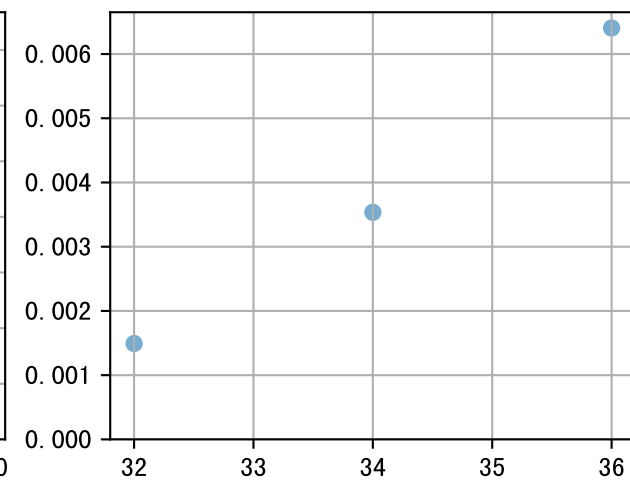
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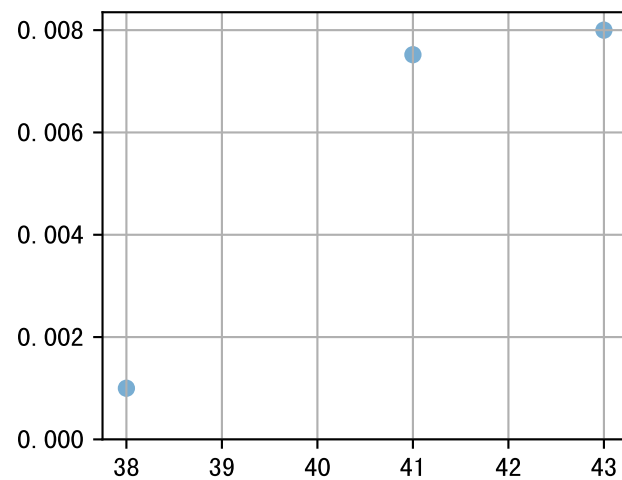
P3-6-028-32T2Fr1 (fit failed)



P3-6-033-9T1Fr1 (fit failed)

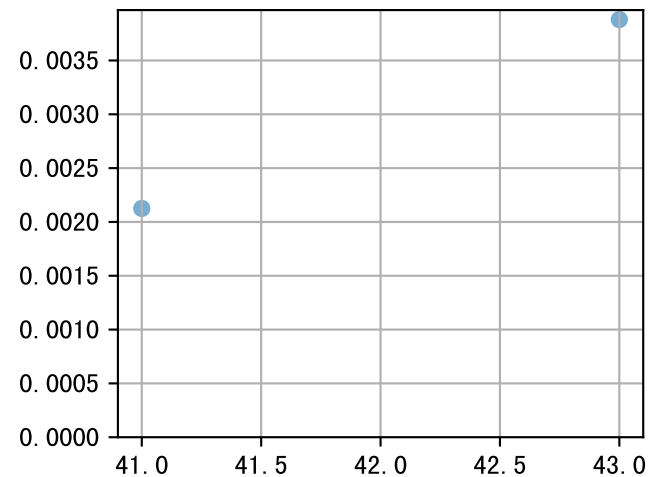


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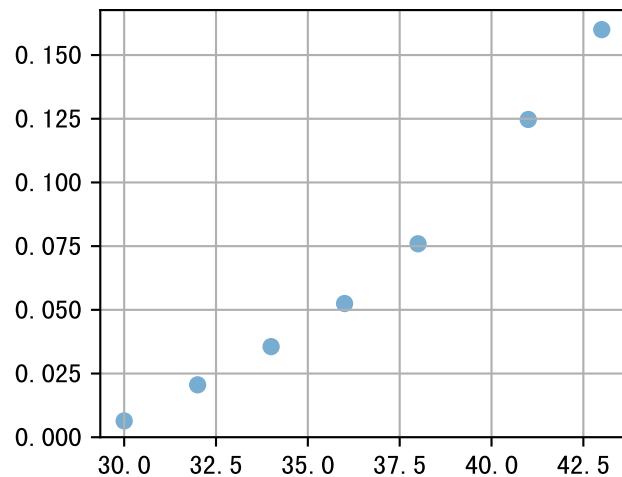


FrV

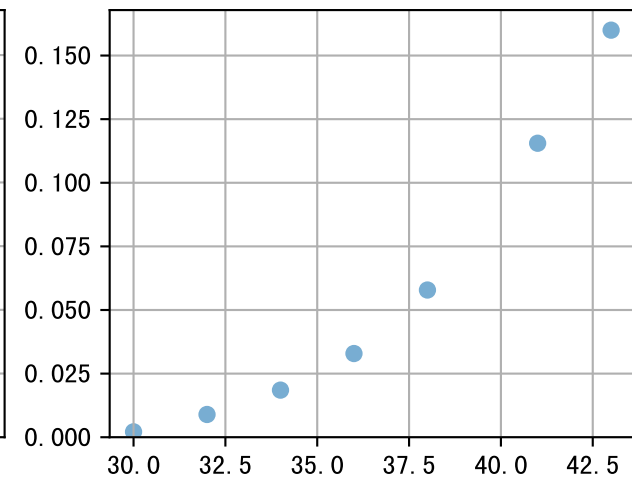
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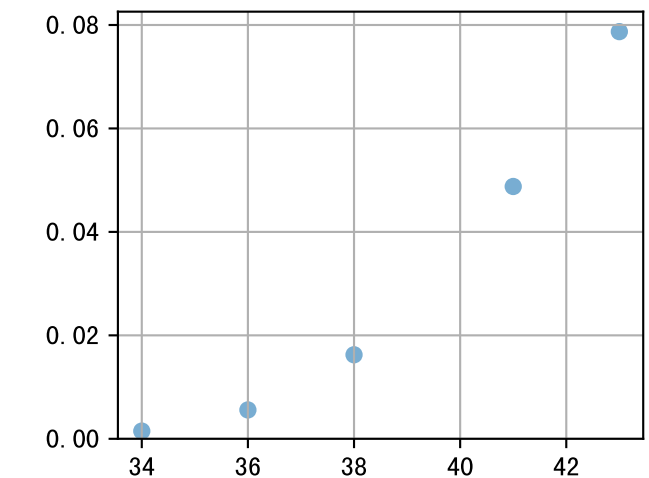
P3-6-038-21T1Fr1 (fit failed)



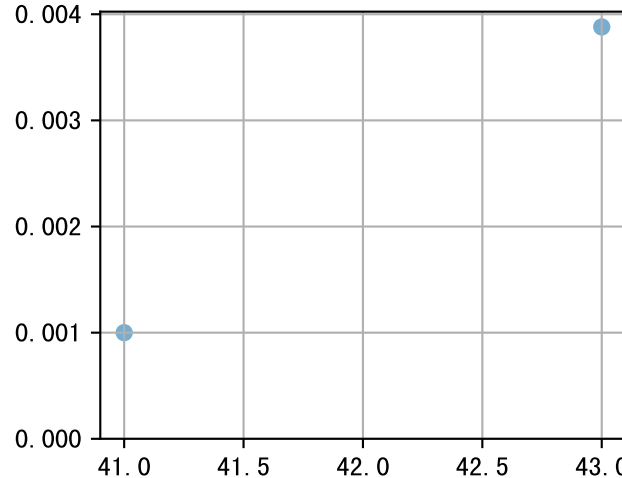
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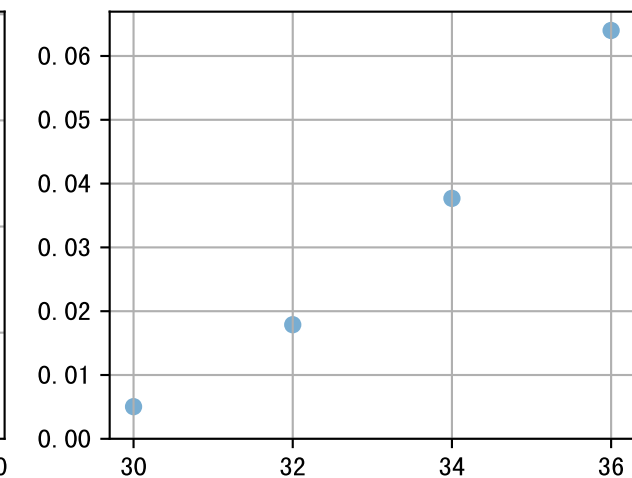
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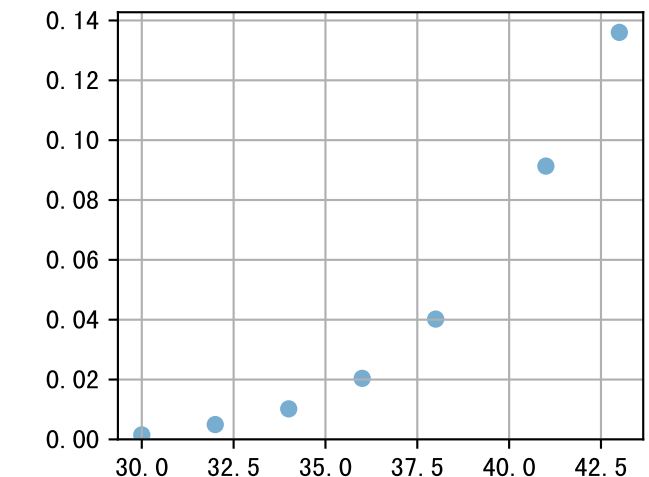
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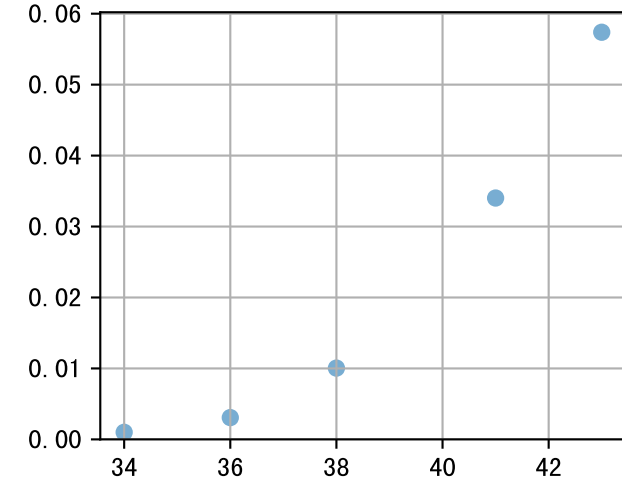
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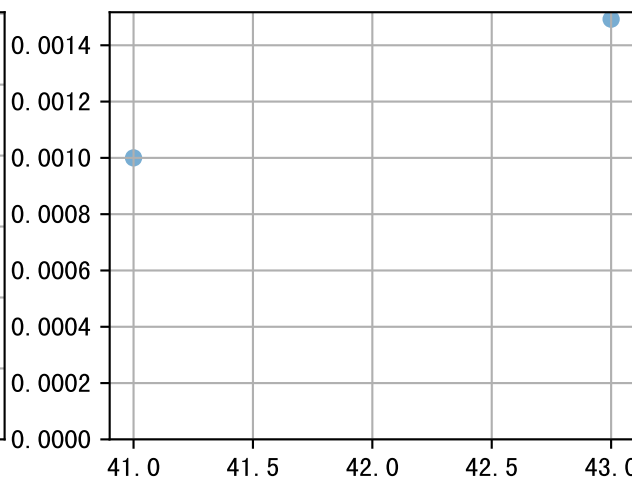
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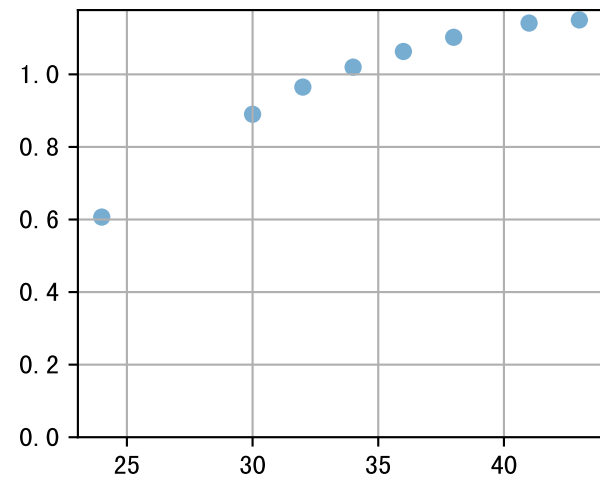
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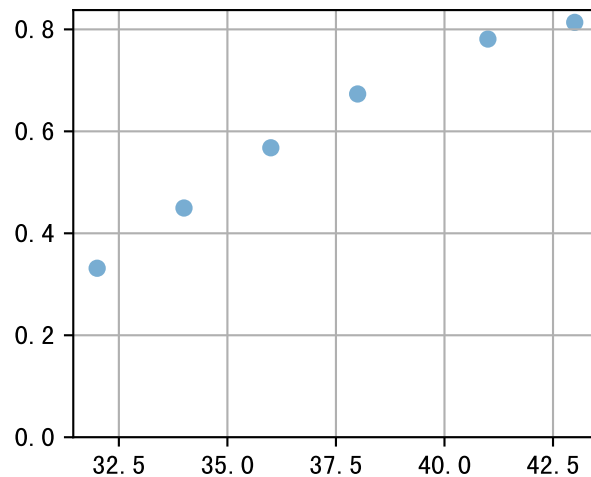
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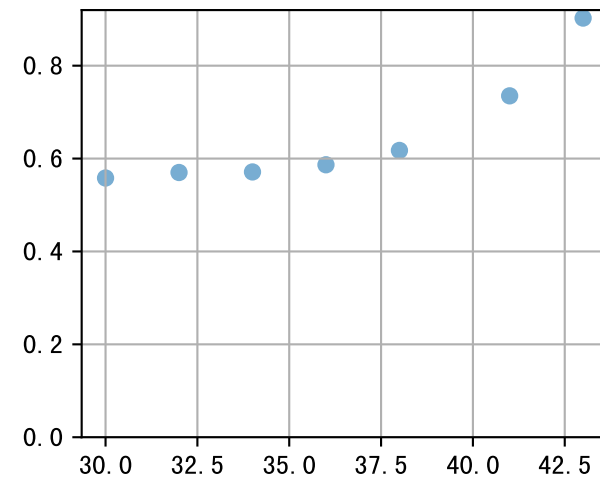
P3-6-003-24L6 (fit failed)



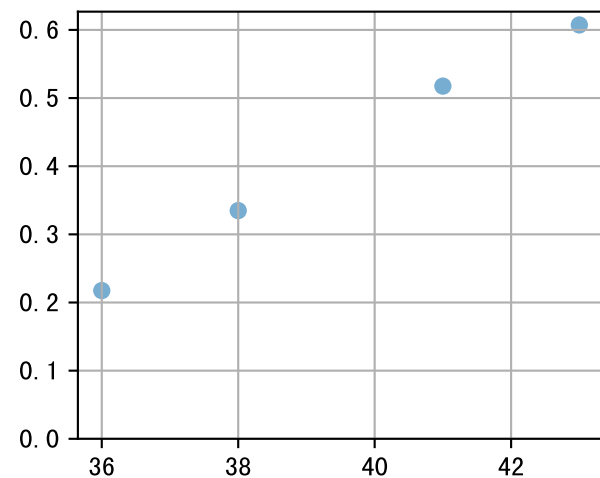
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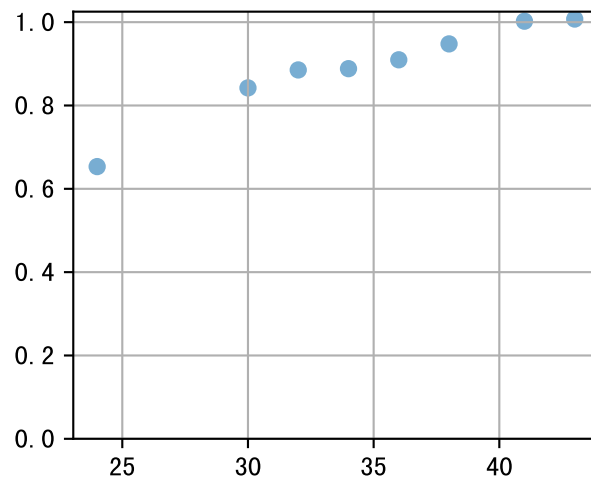
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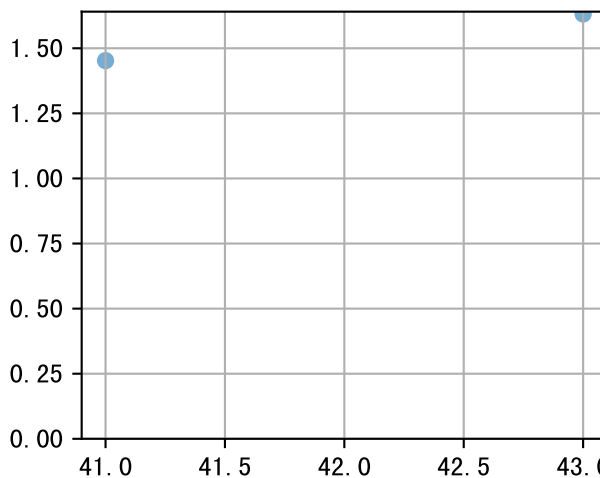
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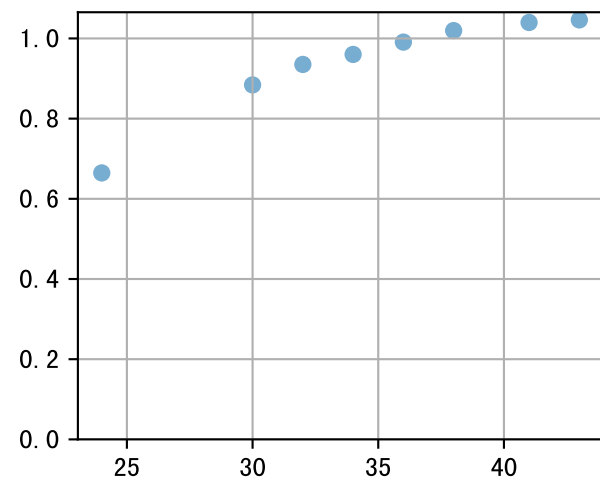
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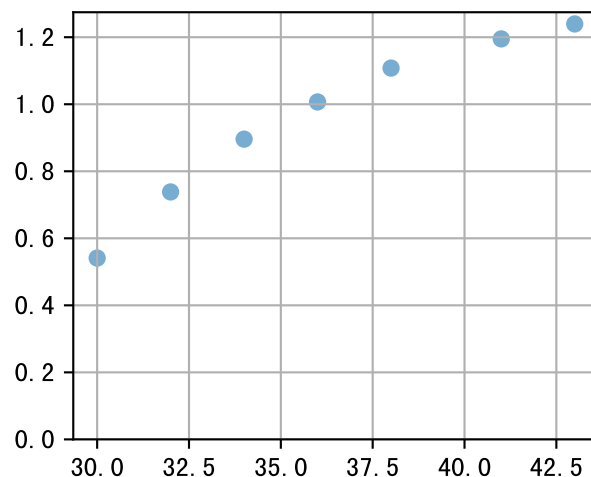
P3-6-011-7L12 (fit failed)



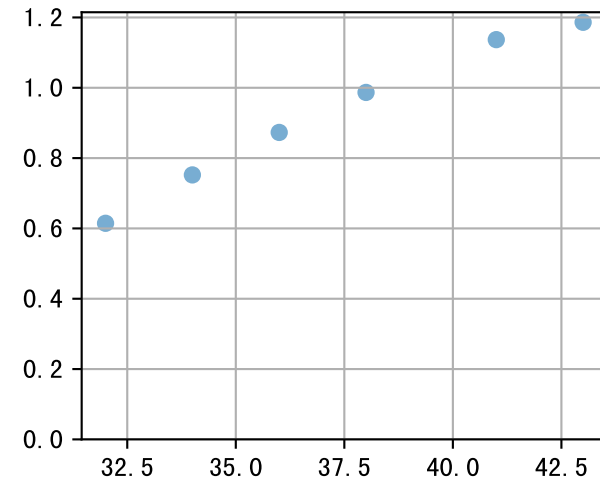
P3-6-011-7L6 (fit failed)



P3-6-011-7L9 (fit failed)

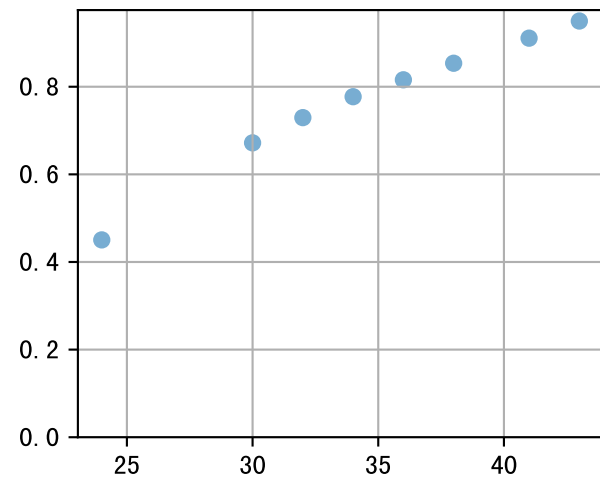


P3-6-015-30L10 (fit failed)

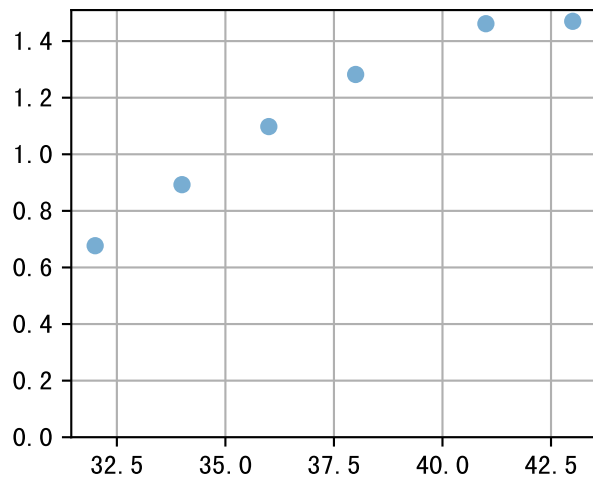


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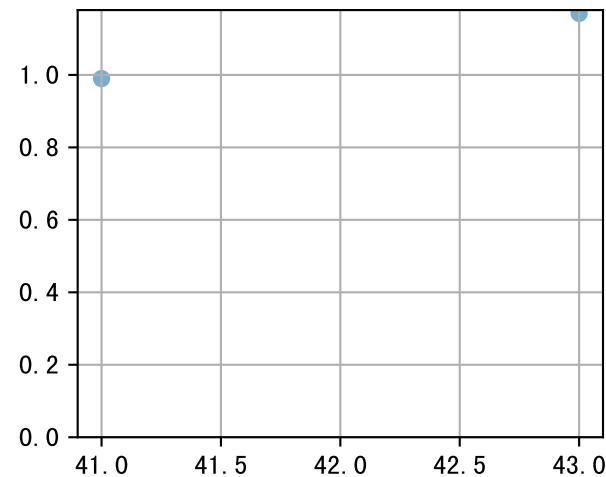
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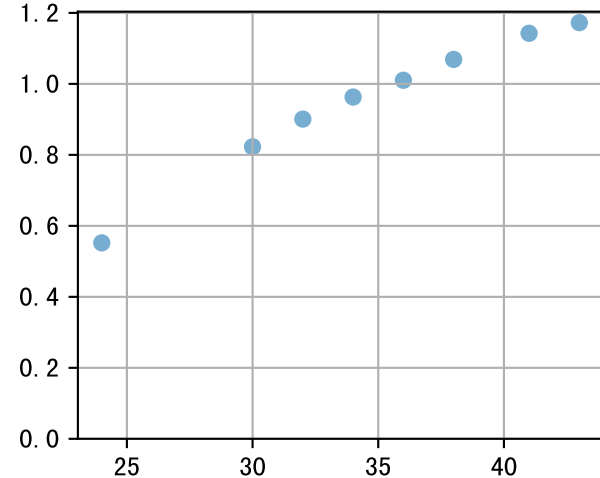
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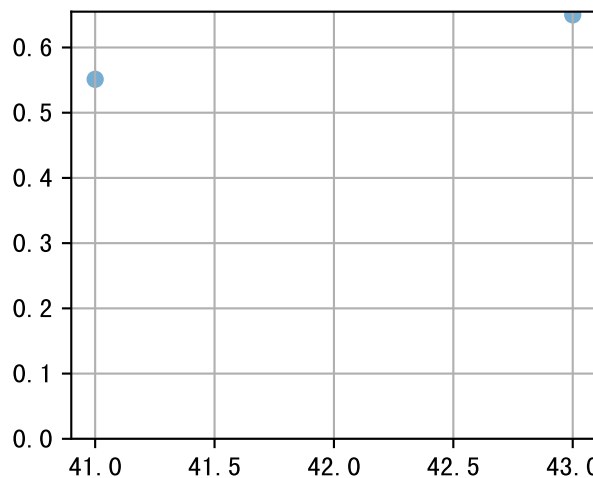
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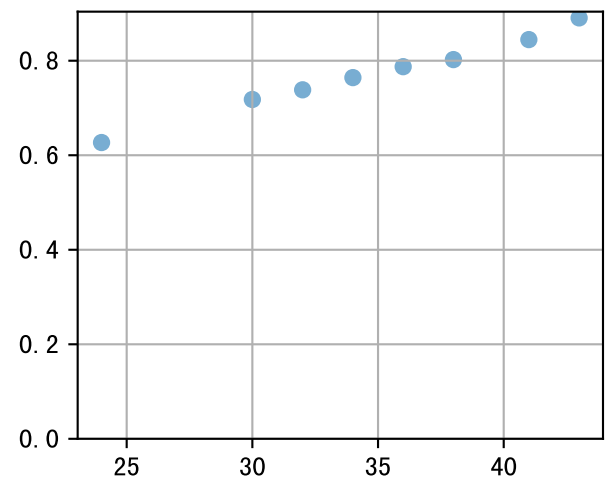
P3-6-019-12L7 (fit failed)



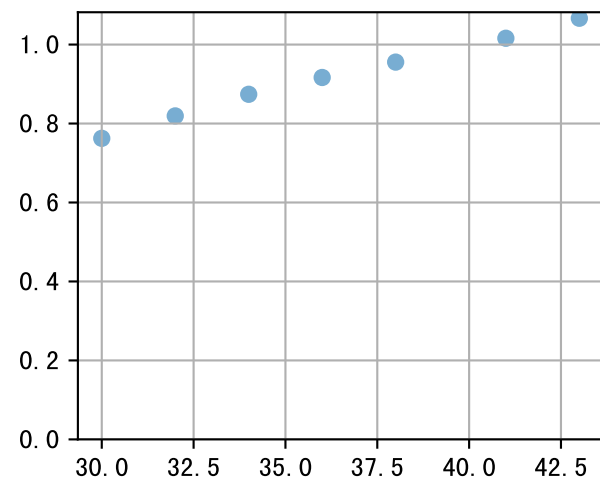
P3-6-024-25L12 (fit failed)



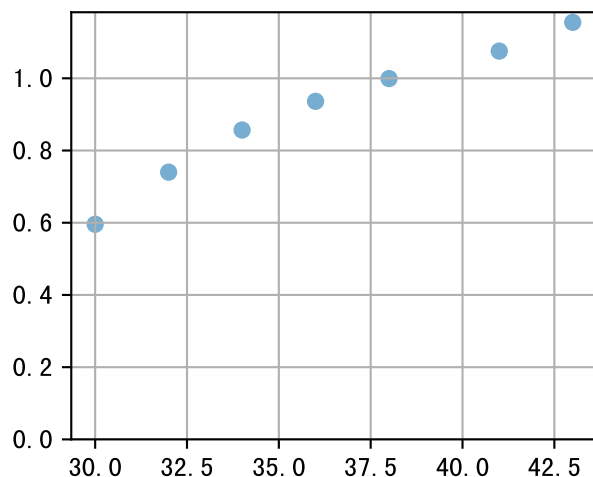
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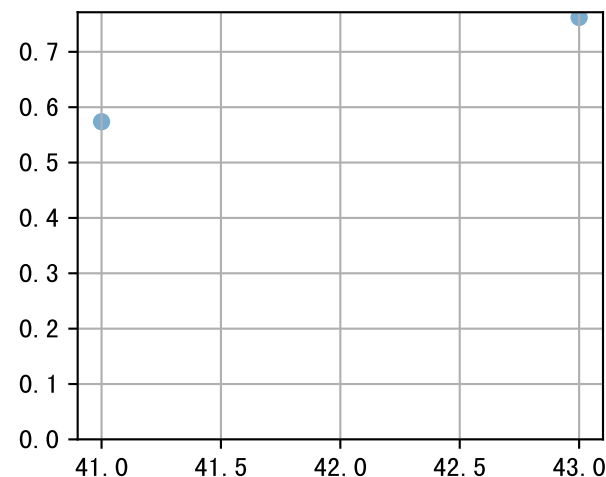
P3-6-024-25L9 (fit failed)



P3-6-028-32L10 (fit failed)

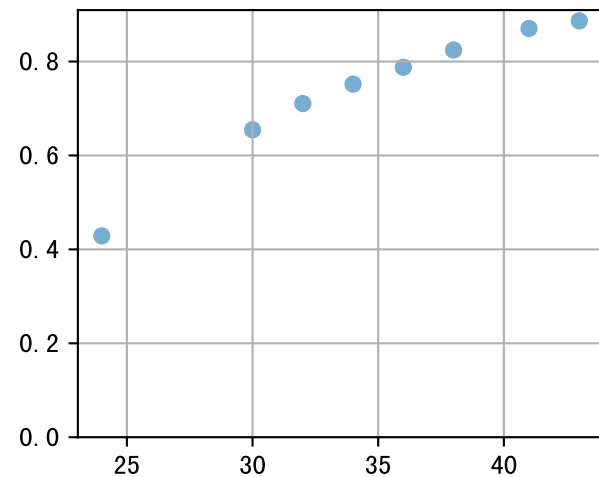


P3-6-028-32L13 (fit failed)

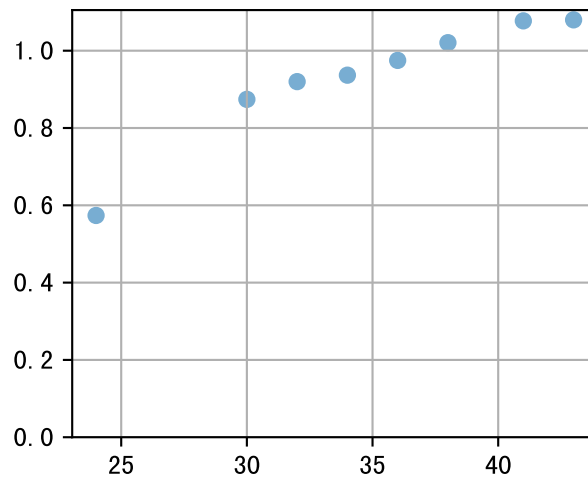


LFA

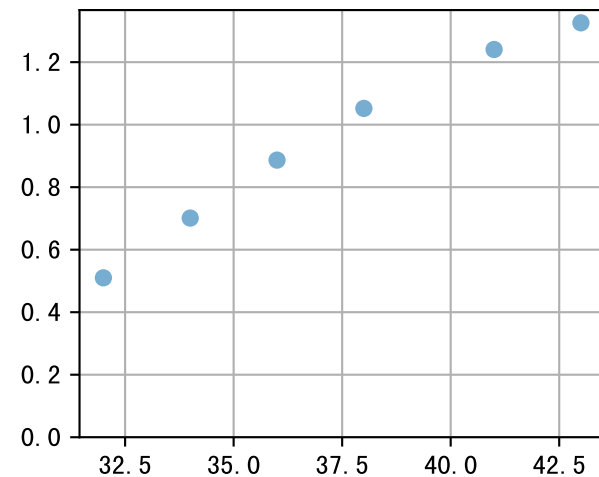
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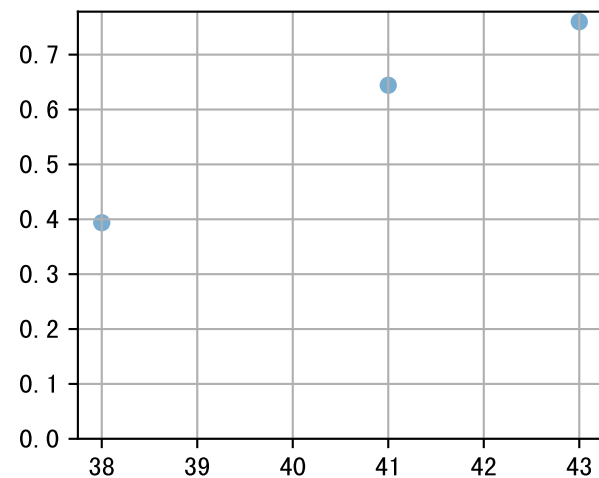
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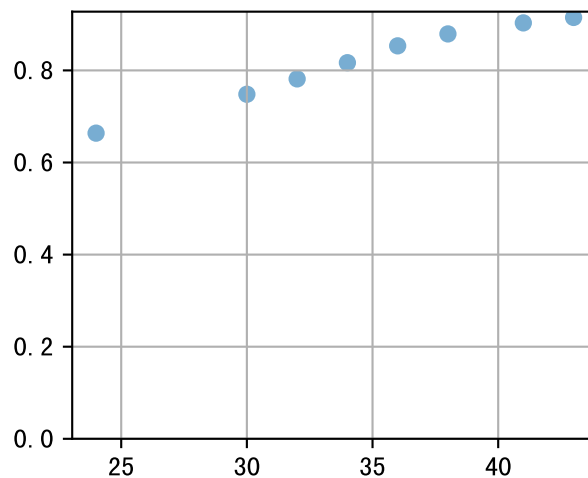
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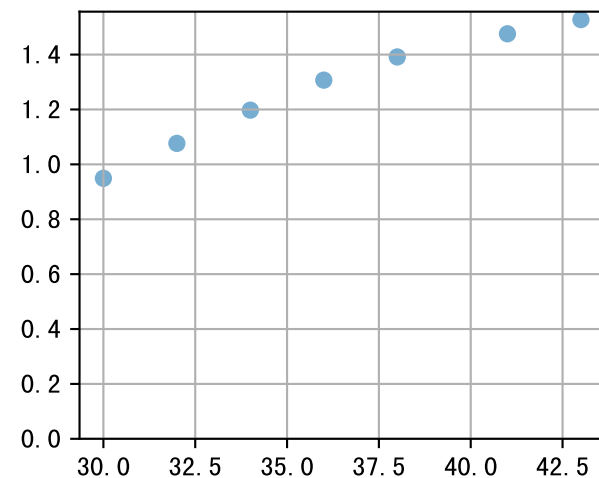
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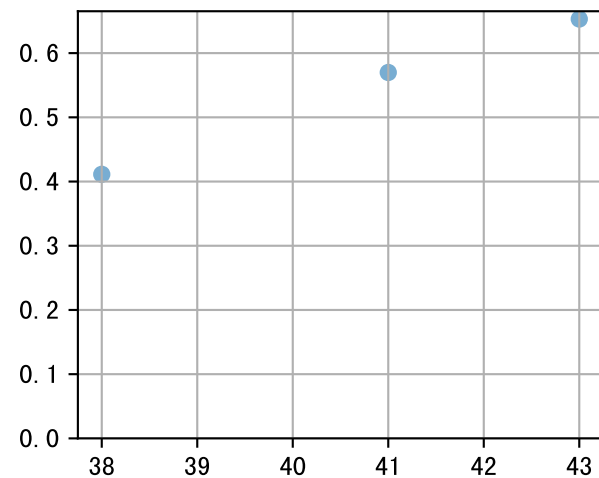
P3-6-038-21L6 (fit failed)



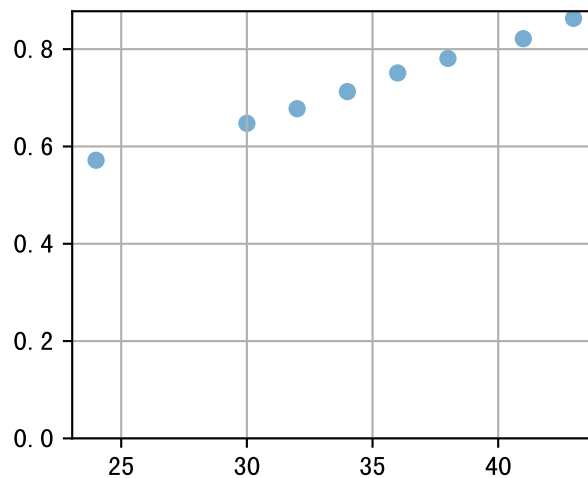
P3-6-038-21L9 (fit failed)



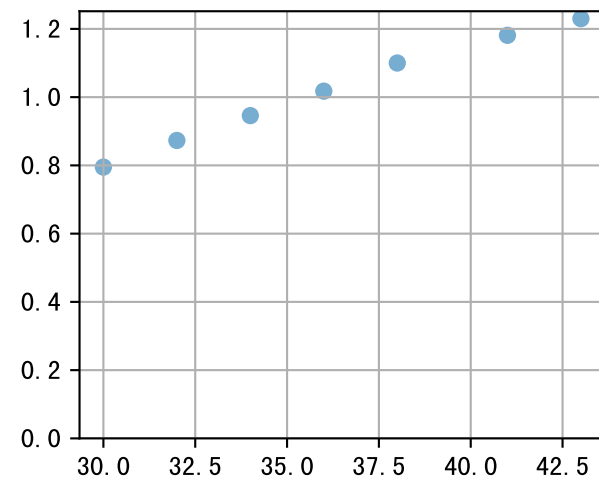
P3-6-042-4L12 (fit failed)

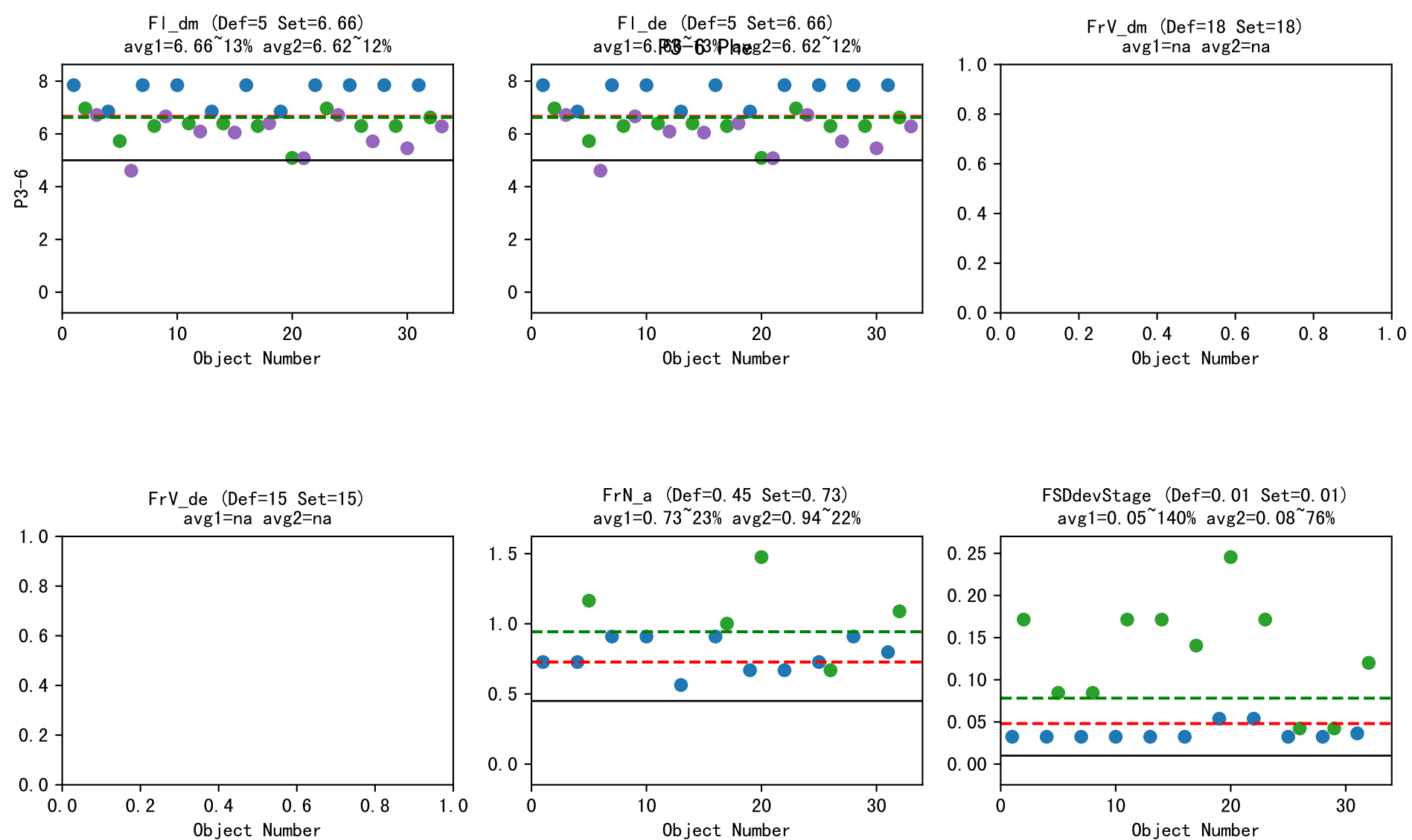


P3-6-042-4L6 (fit failed)

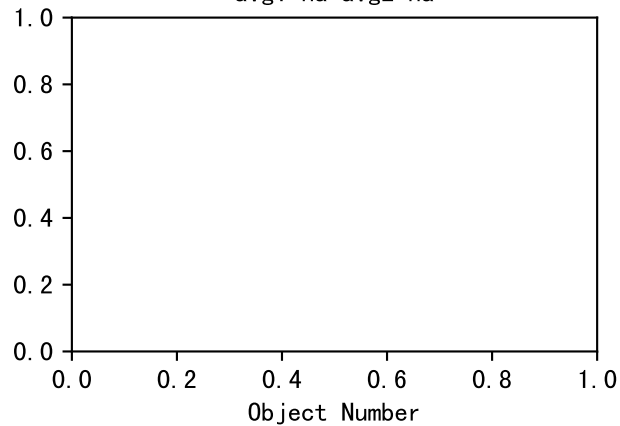


P3-6-042-4L9 (fit failed)

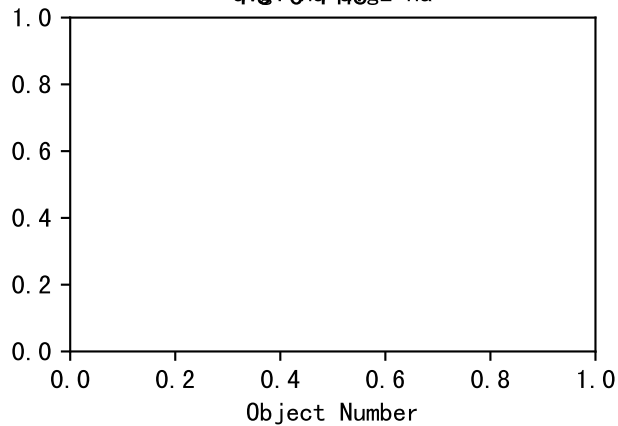




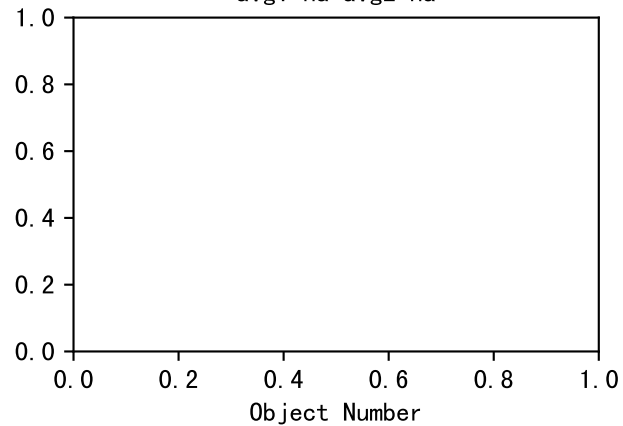
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



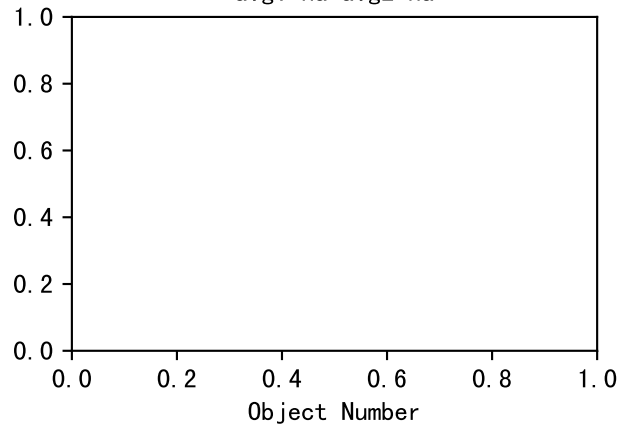
FMBDDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



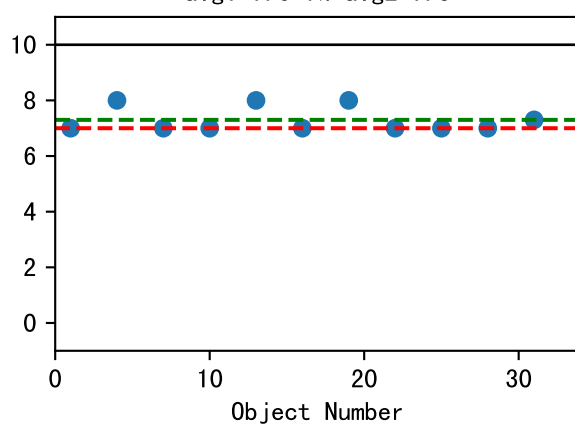
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

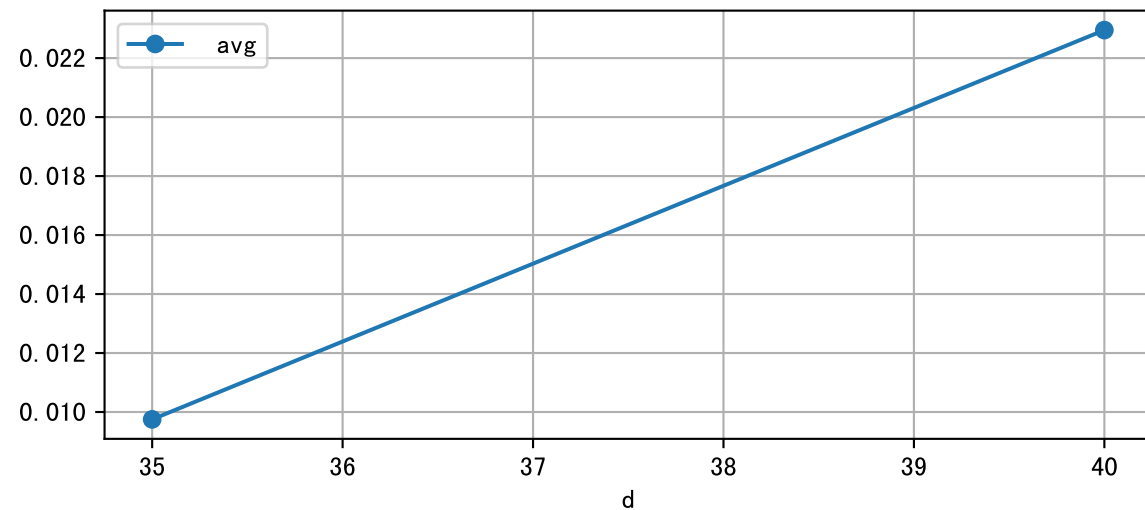


NNgen (Def=10 Set=7)
avg1=7.0~7% avg2=7.3

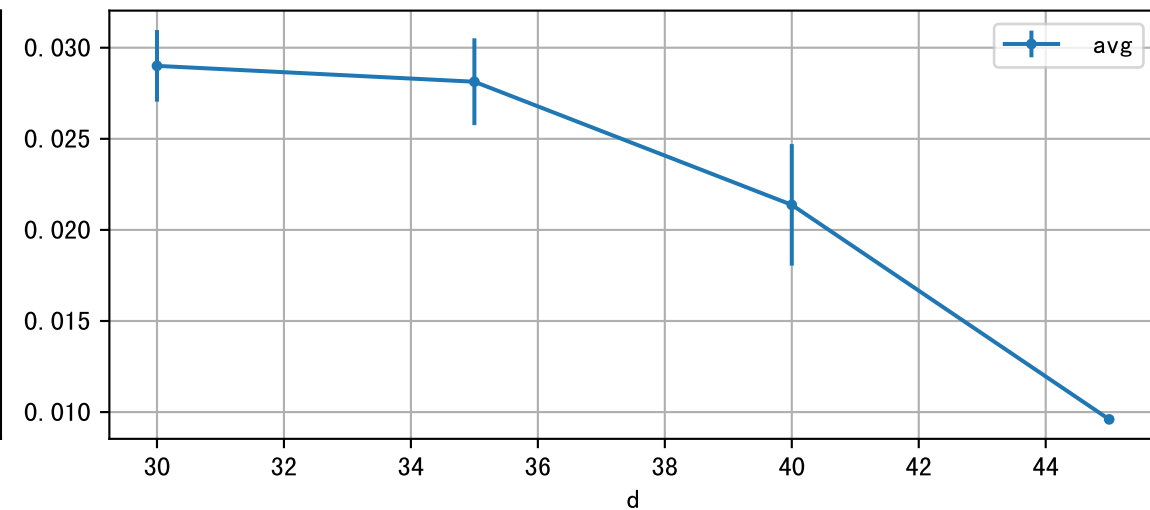


LfA: avg vs. d at each age group

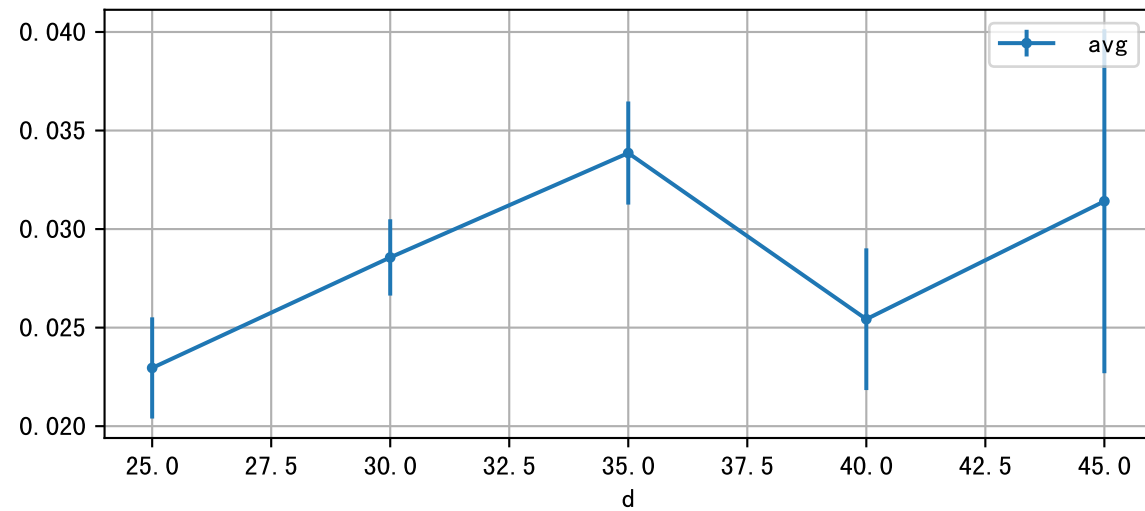
age=15



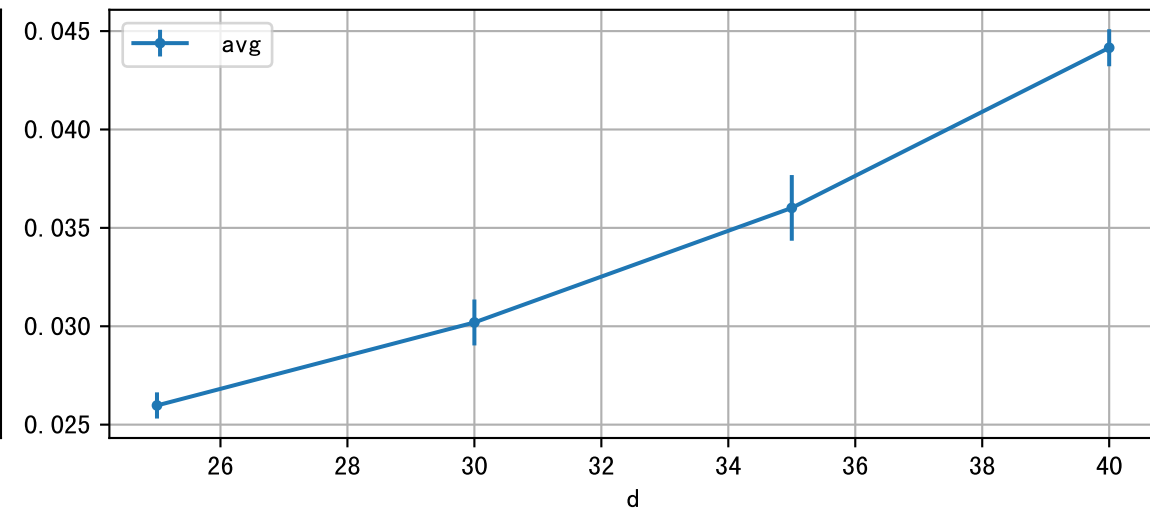
age=20



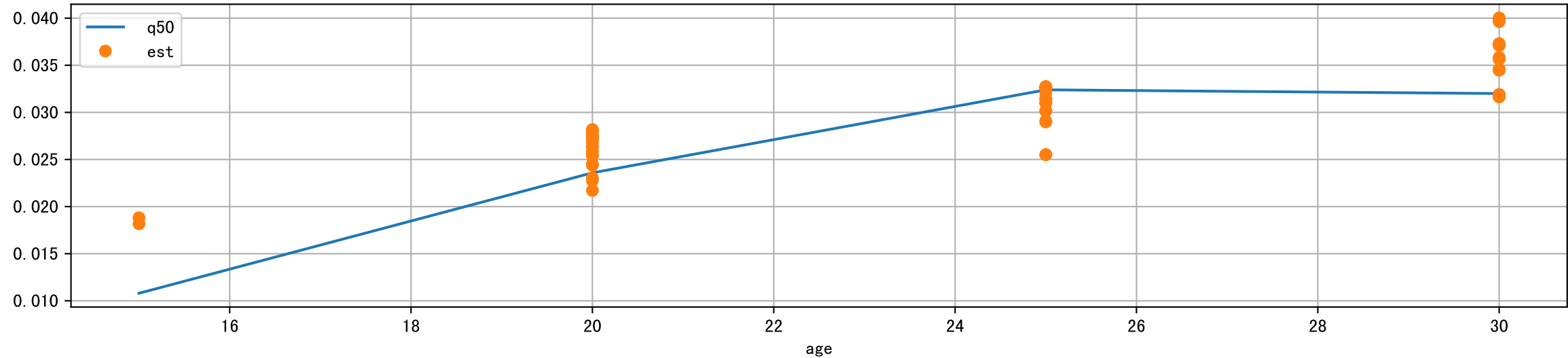
age=25



age=30

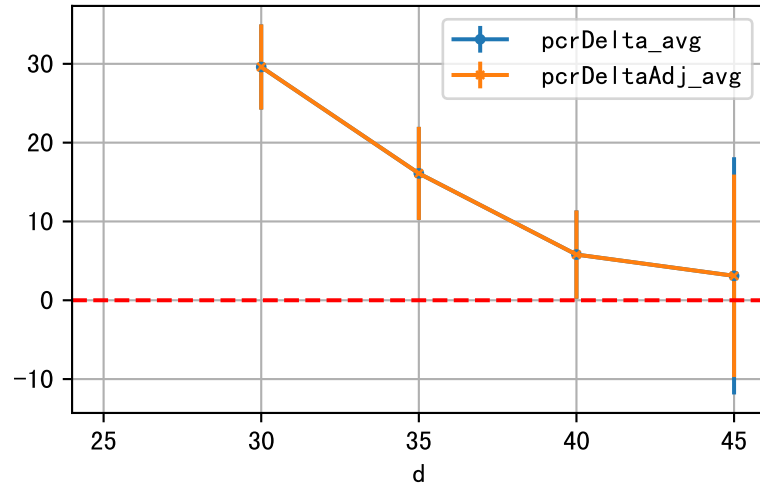


LfA: model est vs obs0v@Q50

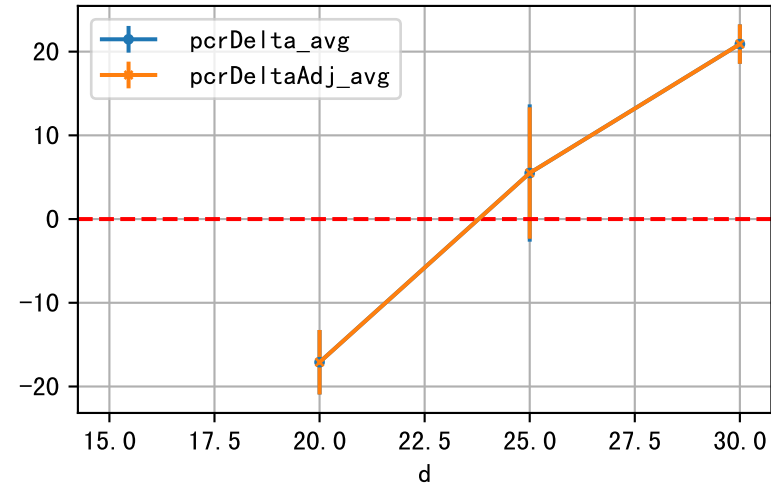


P3-6 LfA: D_5d_LfA

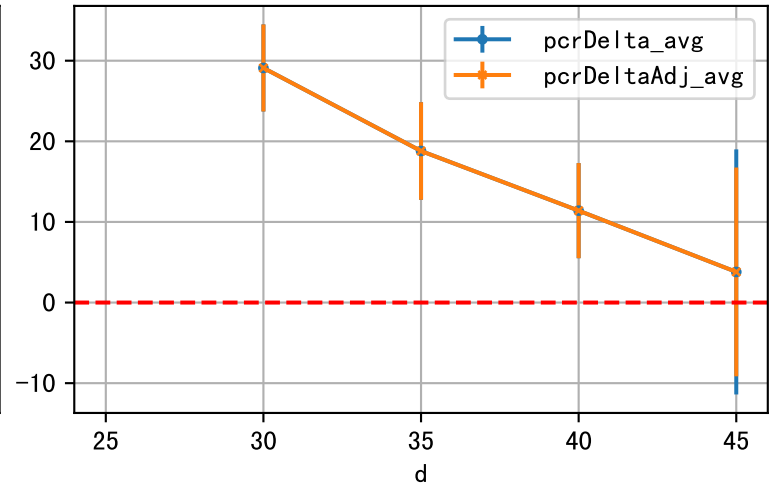
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

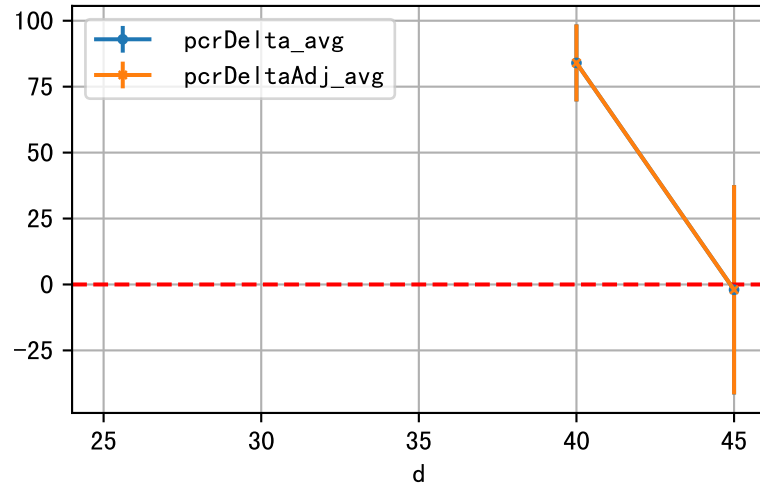


DeltaTypeAbbr=Wei AvgByD

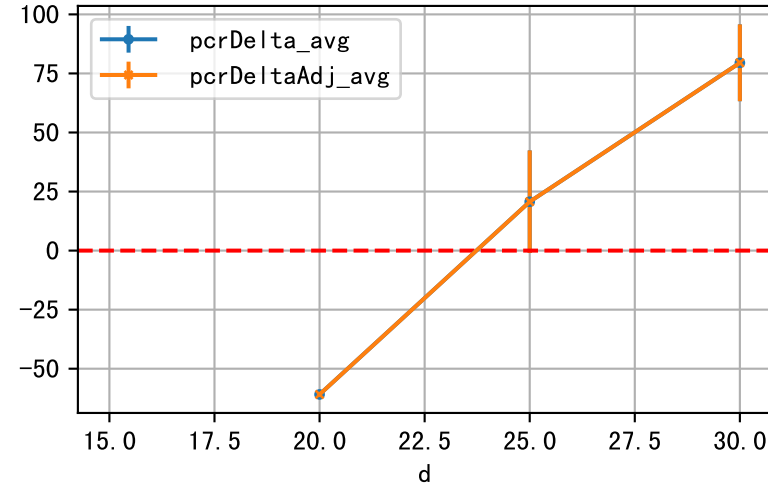


P3-6 LfA: D_15d_LfA

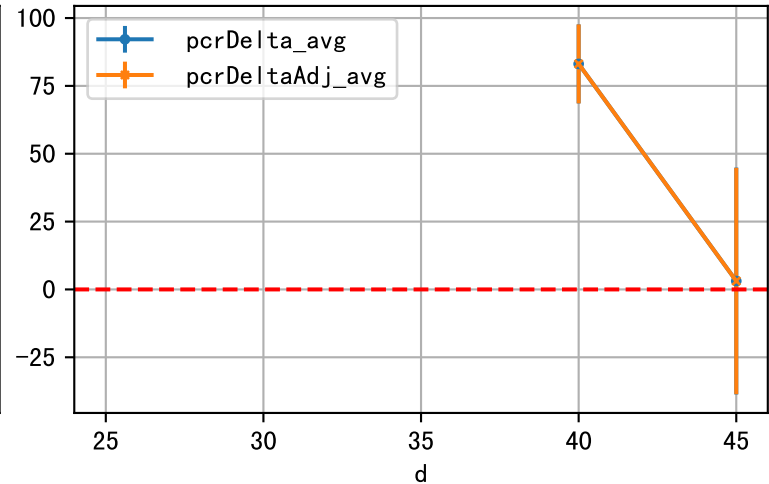
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

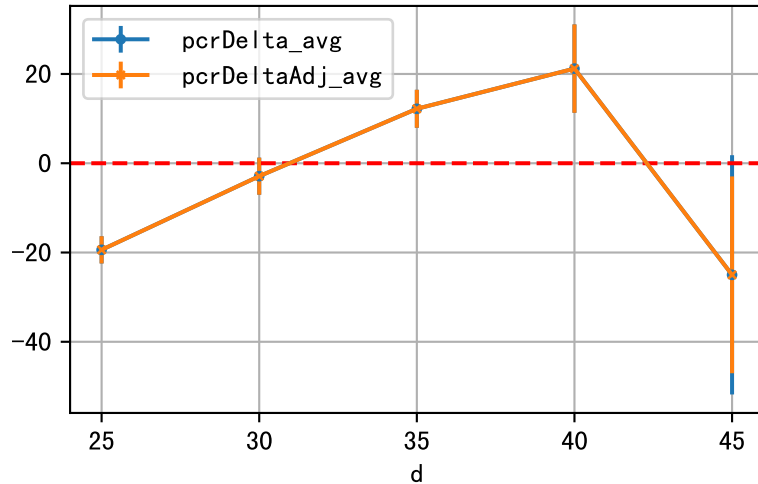


DeltaTypeAbbr=Wei AvgByD

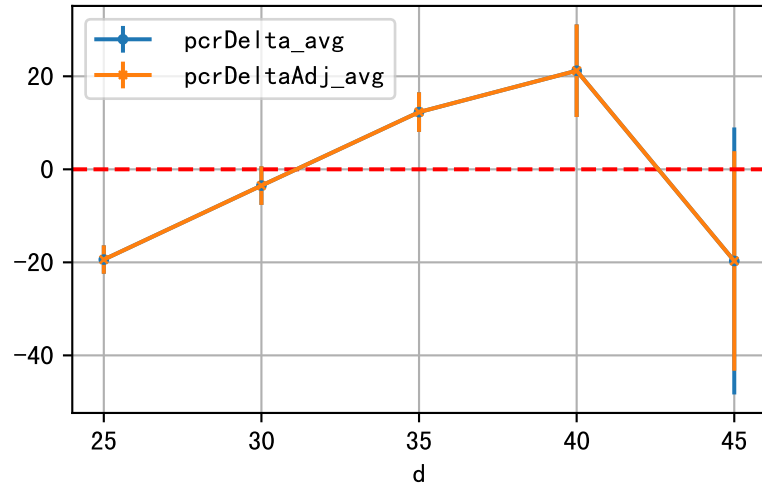


P3-6 LfA: D_Q50_LfA

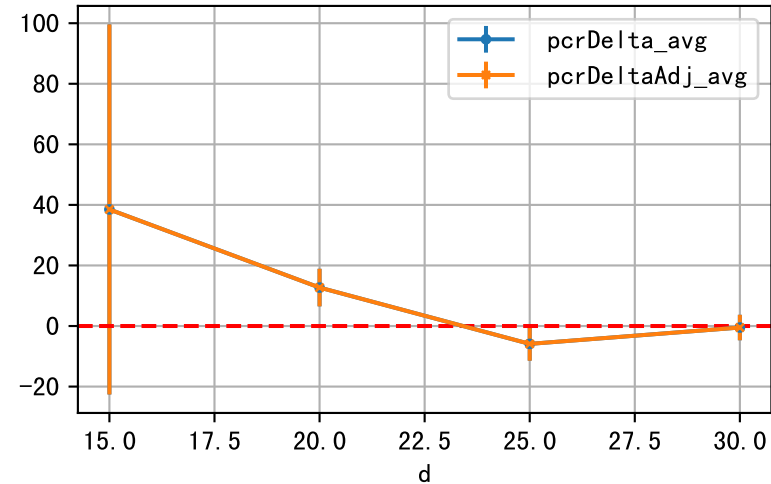
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=Wei AvgByD

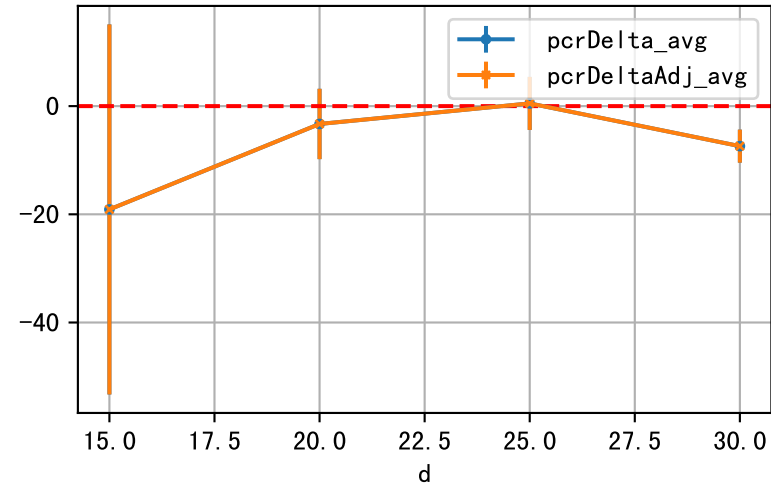


DeltaTypeAbbr=GrpByAge

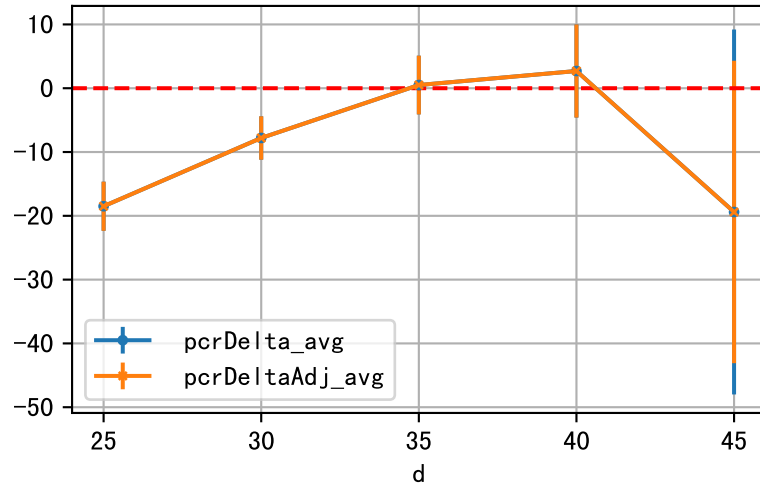


P3-6 LfA: D_Est_LfA

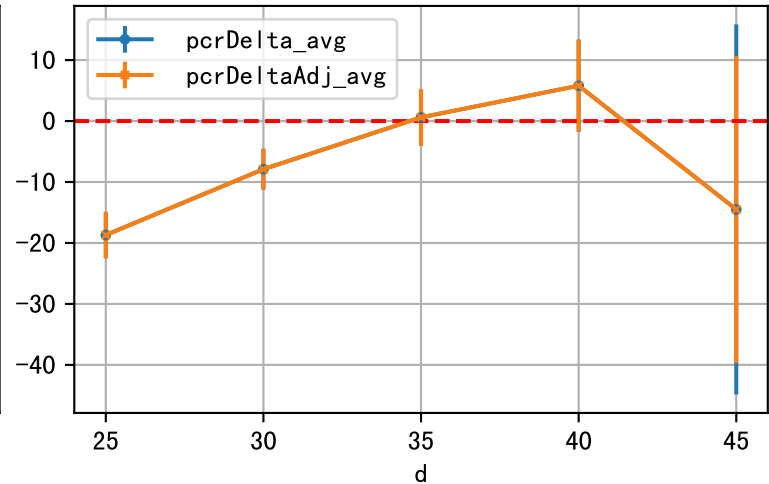
DeltaTypeAbbr=GrpByAge



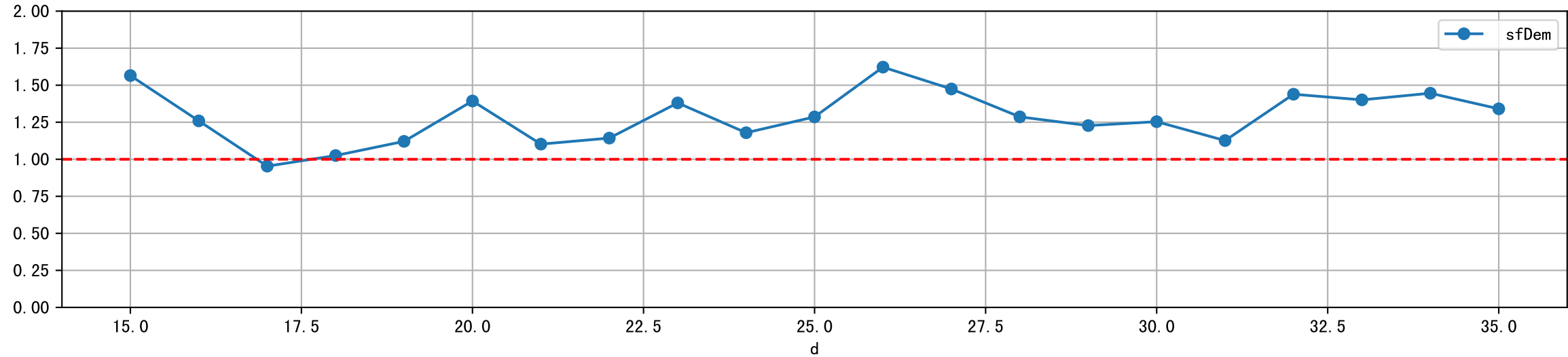
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD



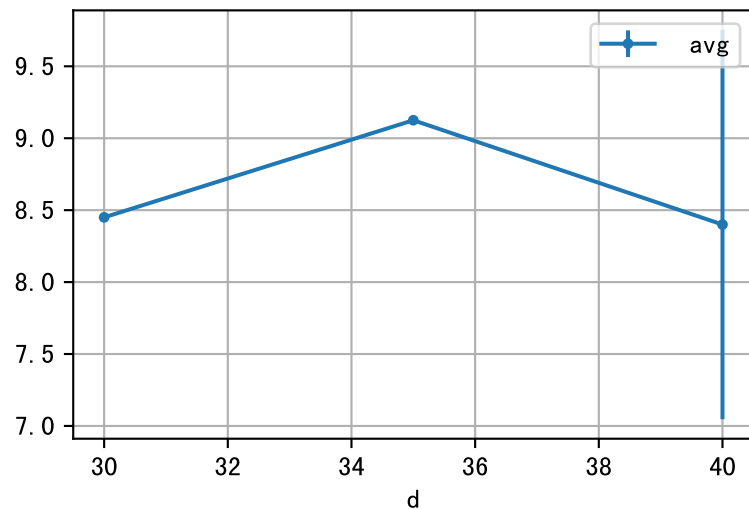
LfA: sfDem



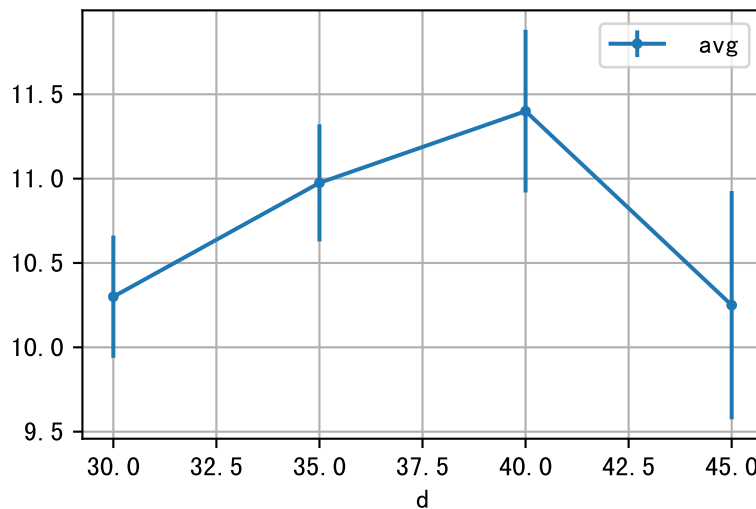


NdD: avg vs. d at each age group

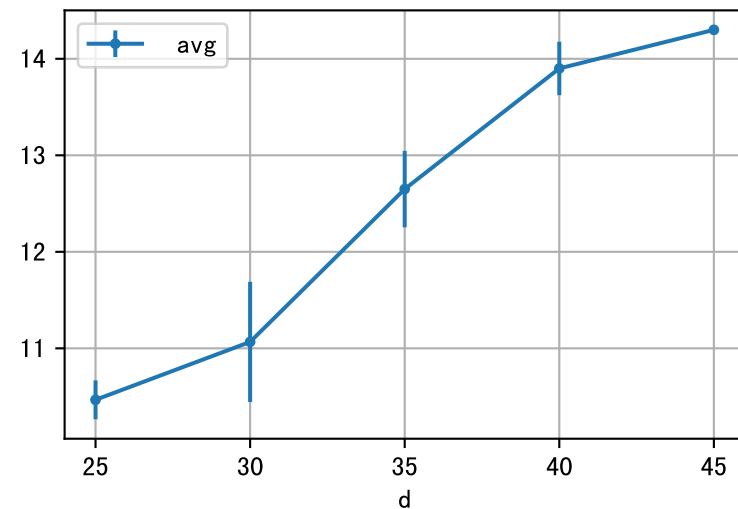
age=15



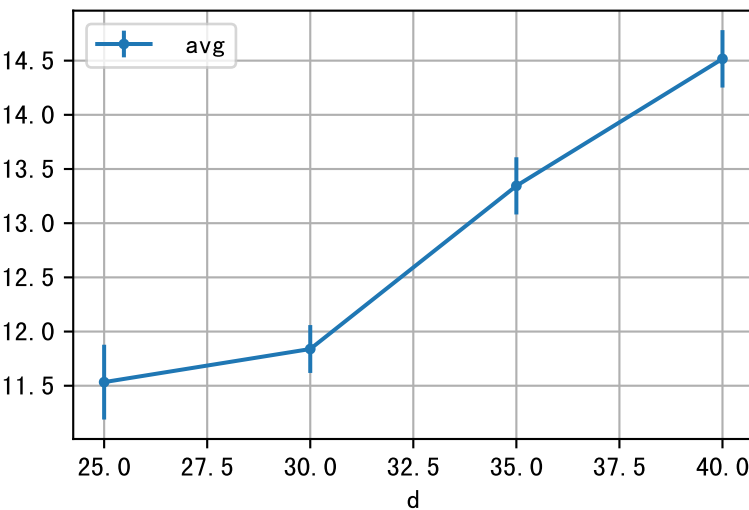
age=20



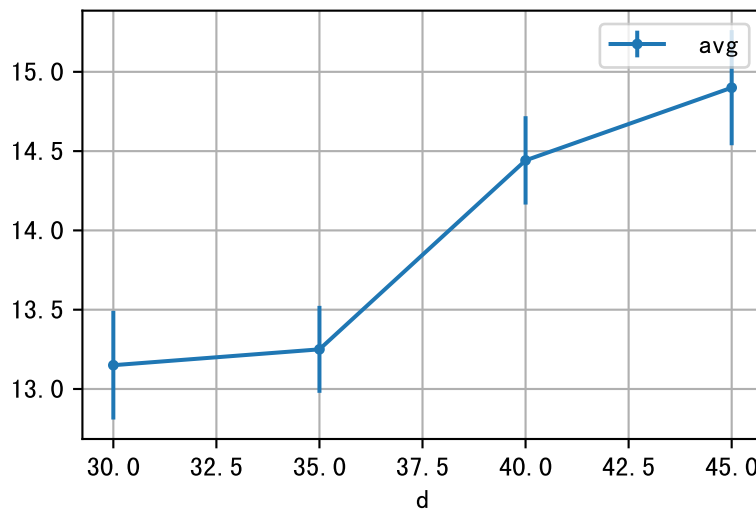
age=25



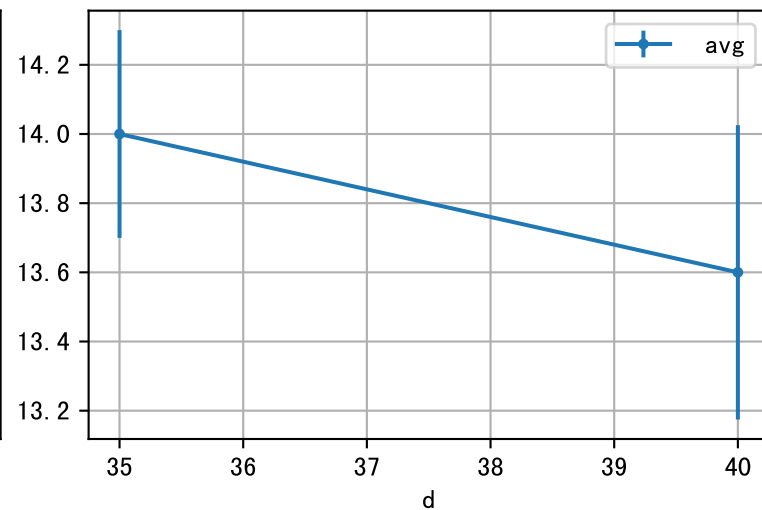
age=30



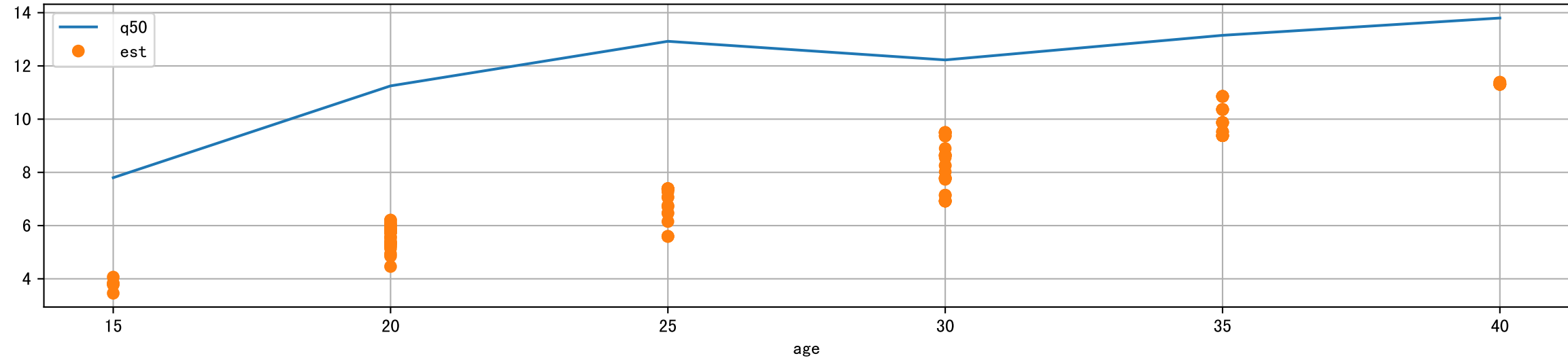
age=35



age=40

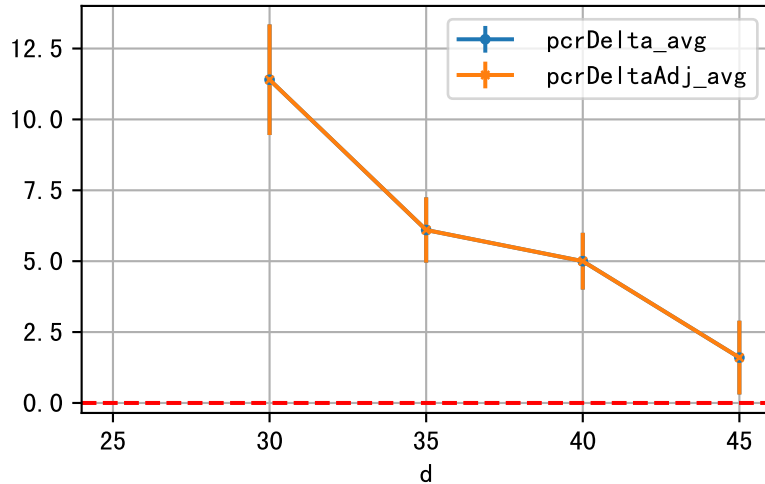


NdD: model est vs obs0v@Q50

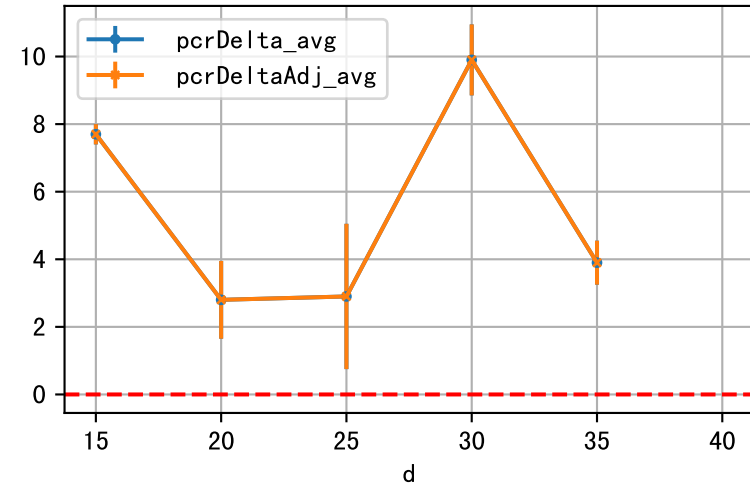


P3-6 NdD: D_5d_NdD

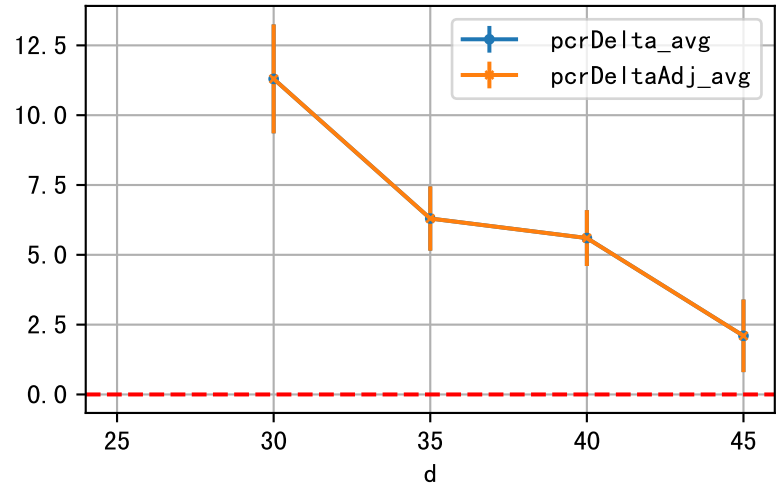
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

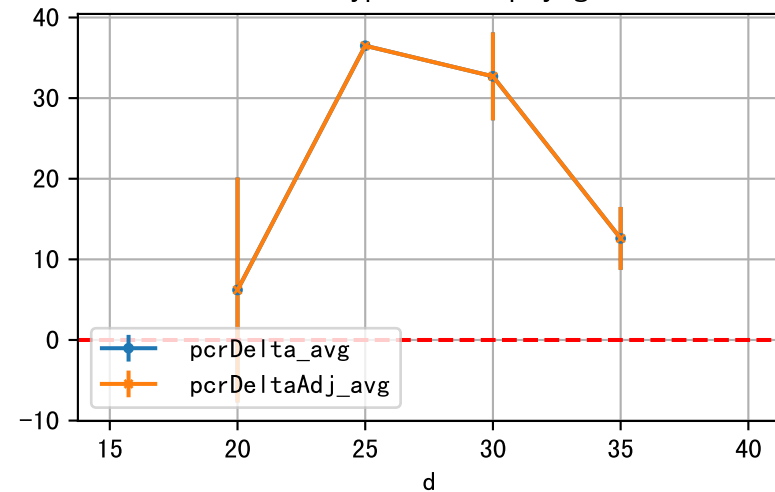


DeltaTypeAbbr=Wei AvgByD

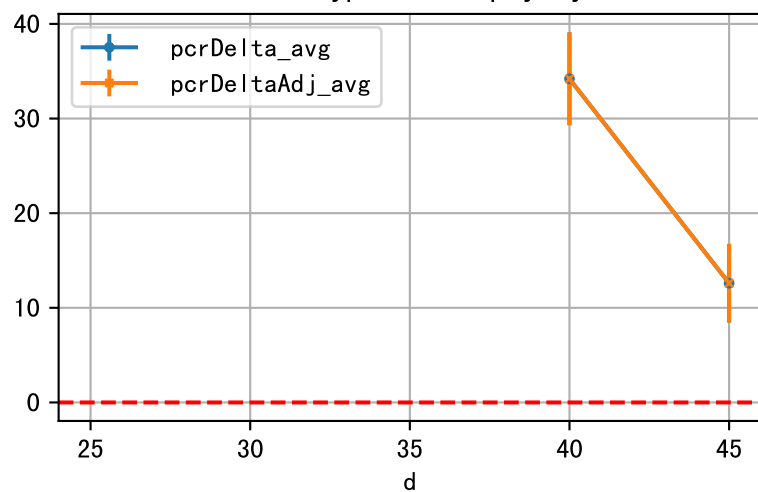


P3-6 NdD: D_15d_NdD

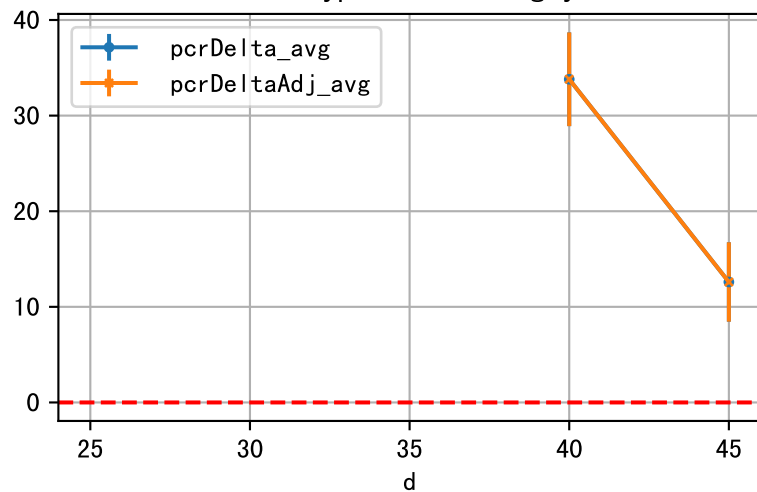
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

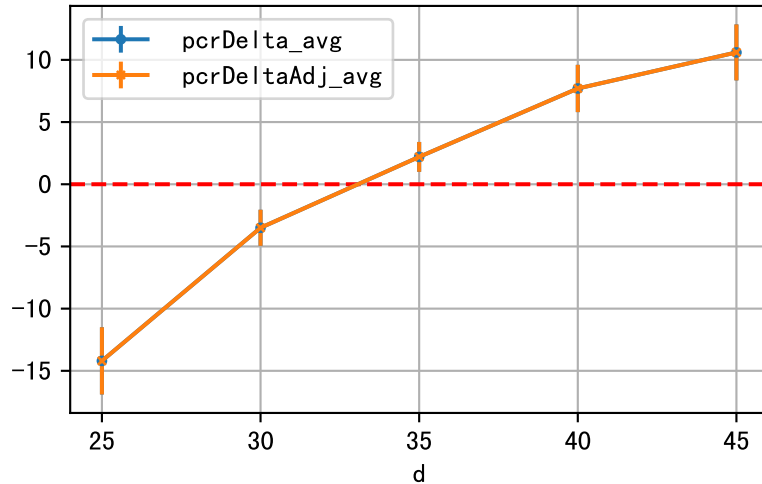


DeltaTypeAbbr=Wei AvgByD

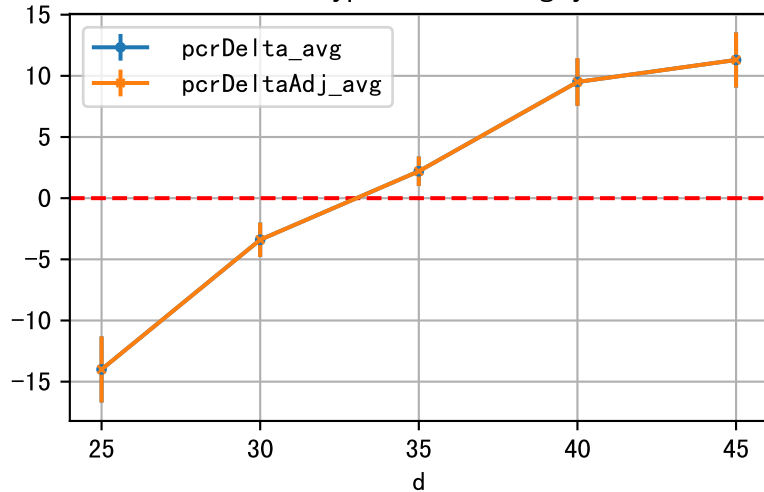


P3-6 NdD: D_Q50_NdD

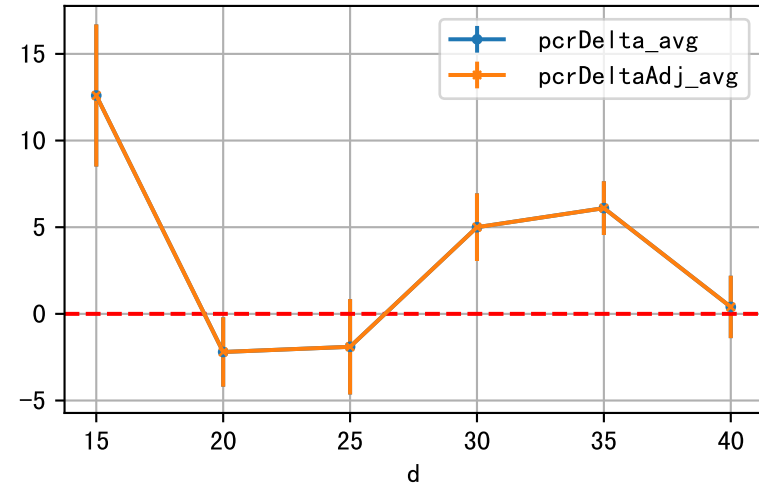
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

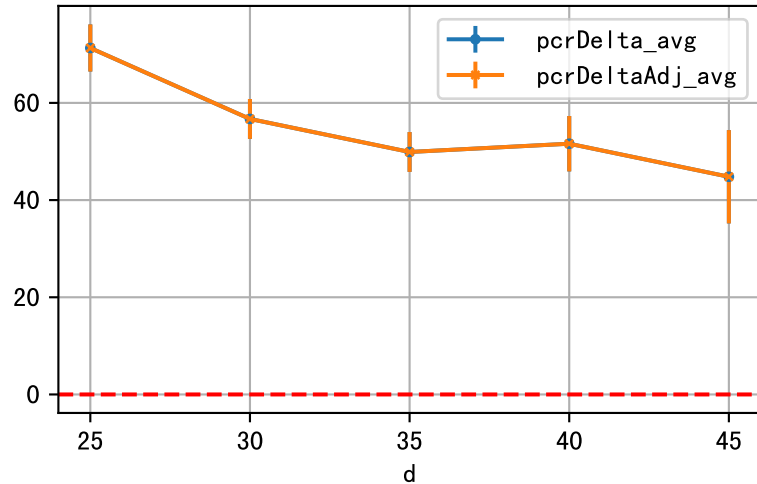
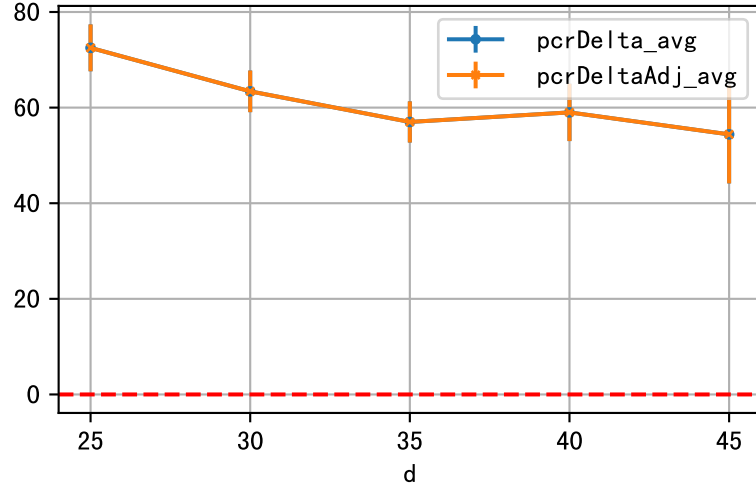
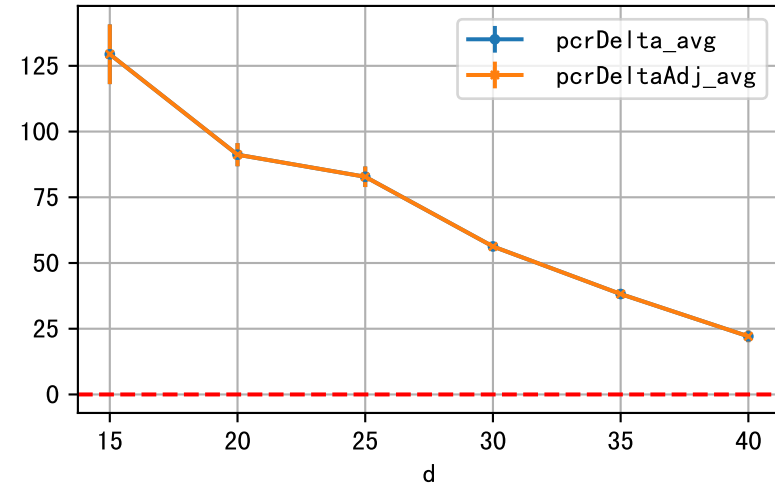


P3-6 NdD: D_Est_NdD

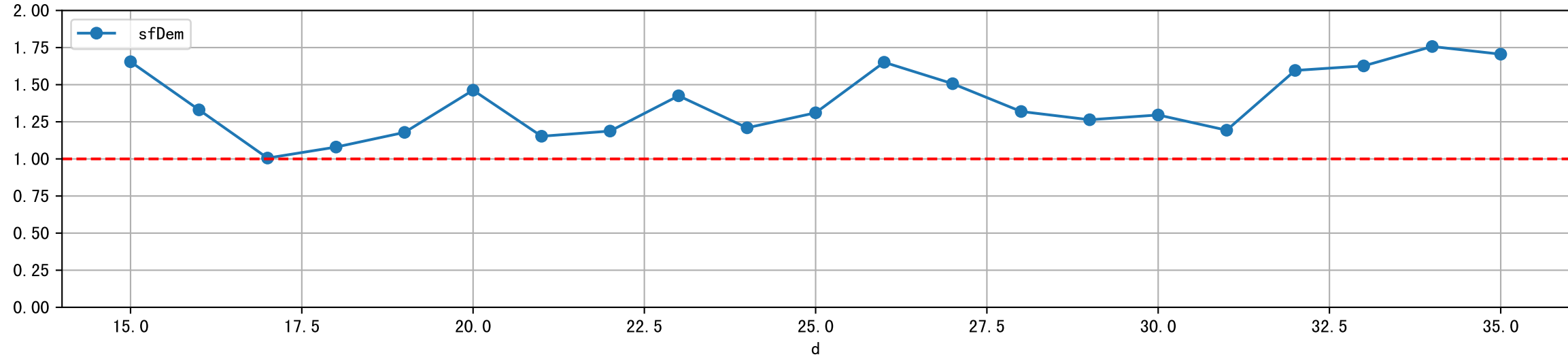
DeltaTypeAbbr=GrpByAge

DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=Wei AvgByD

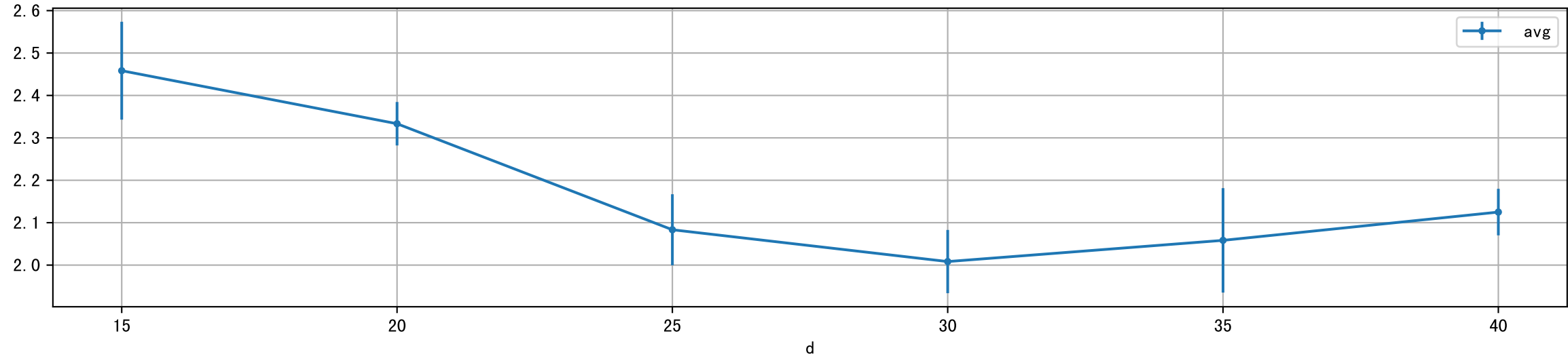


NdD: sfDem

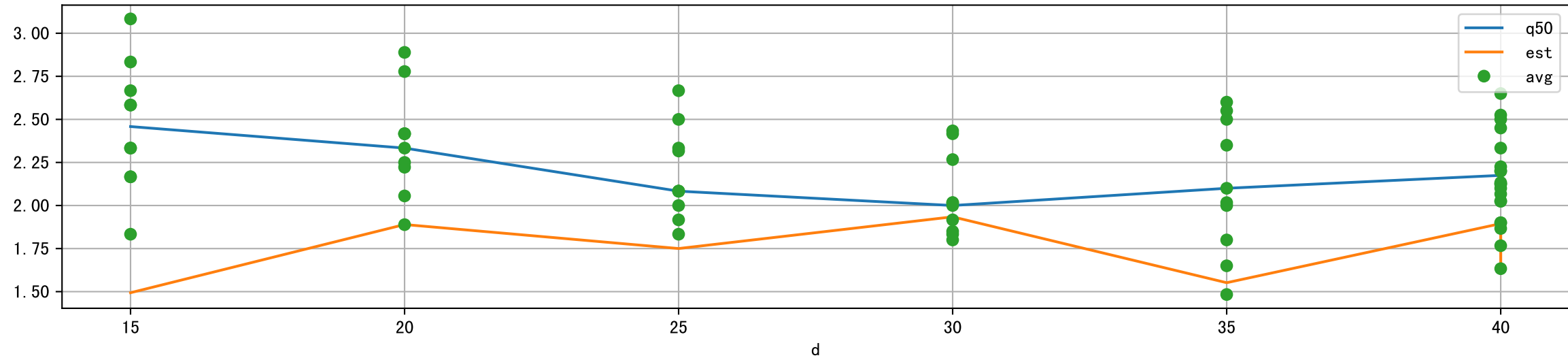




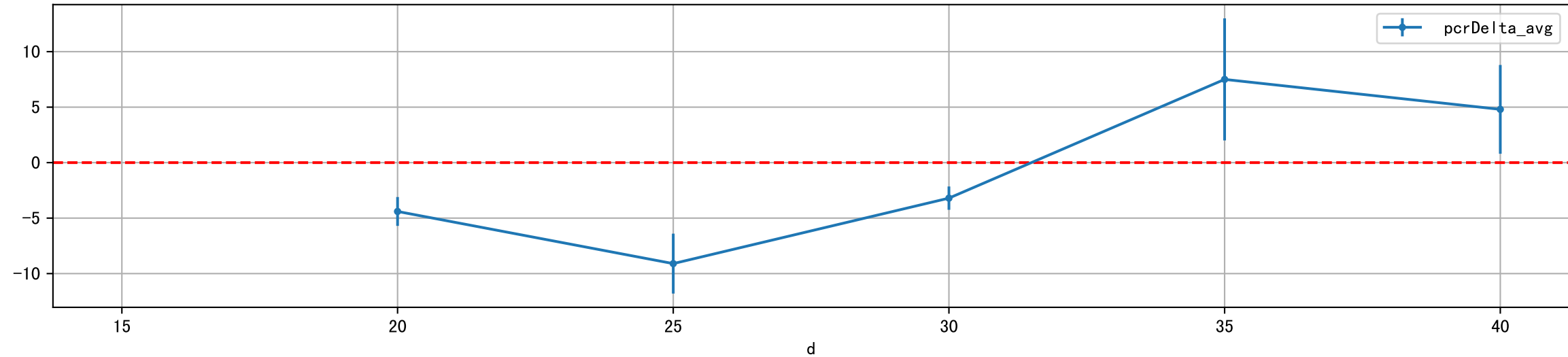
dStH: avg vs. d



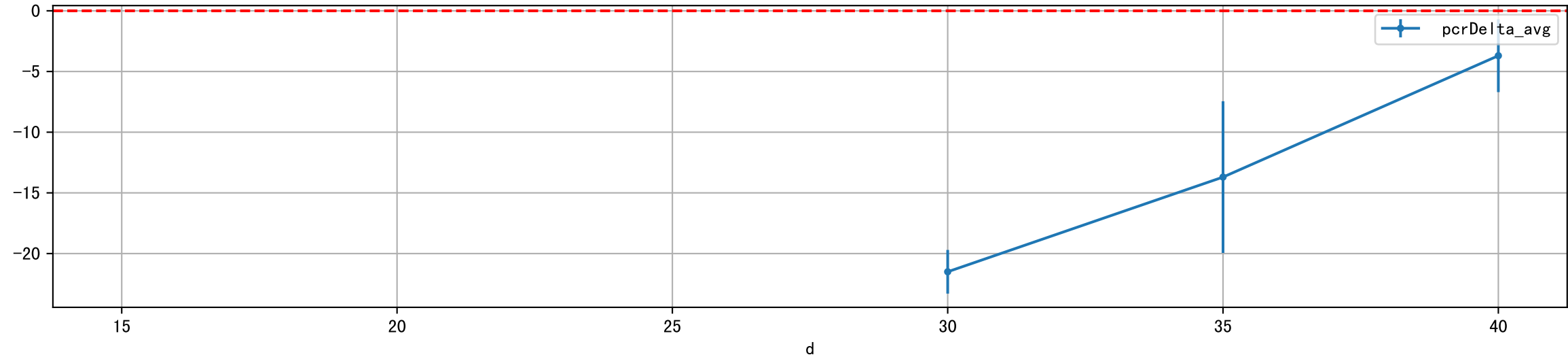
dStH: obsAvg vs obs0v@Q50



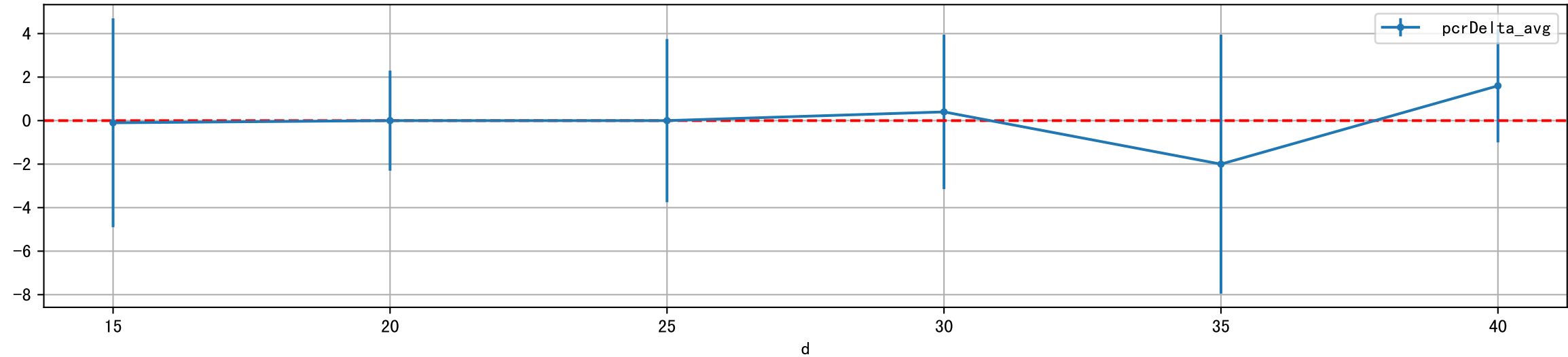
dStH: D_5d_StH



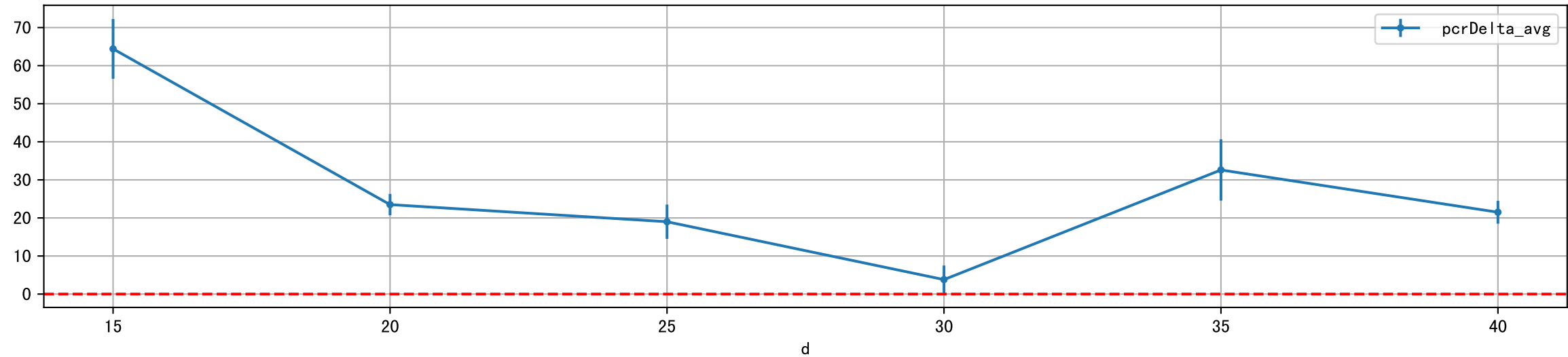
dStH: D_15d_StH



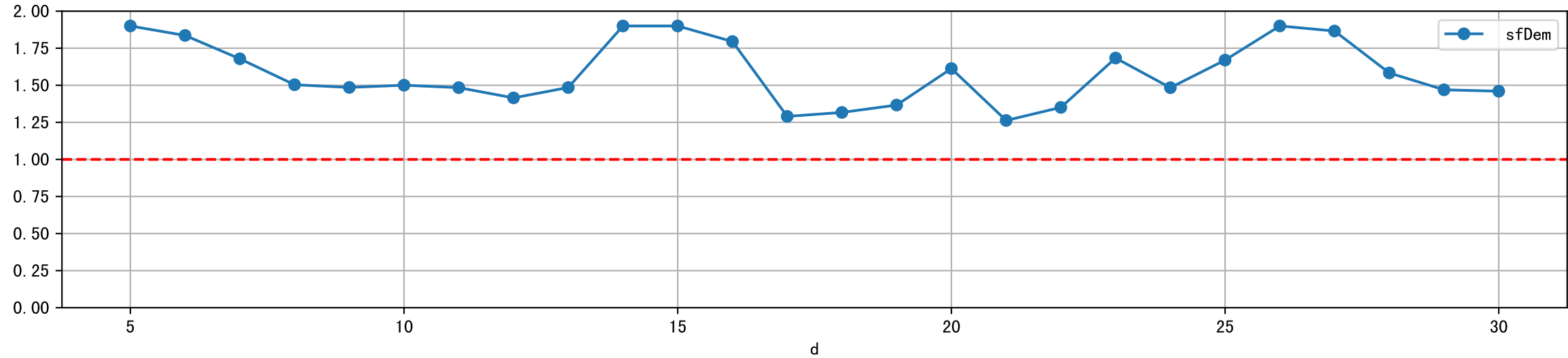
dStH: D_Q50_StH



dStH: D_Est_StH

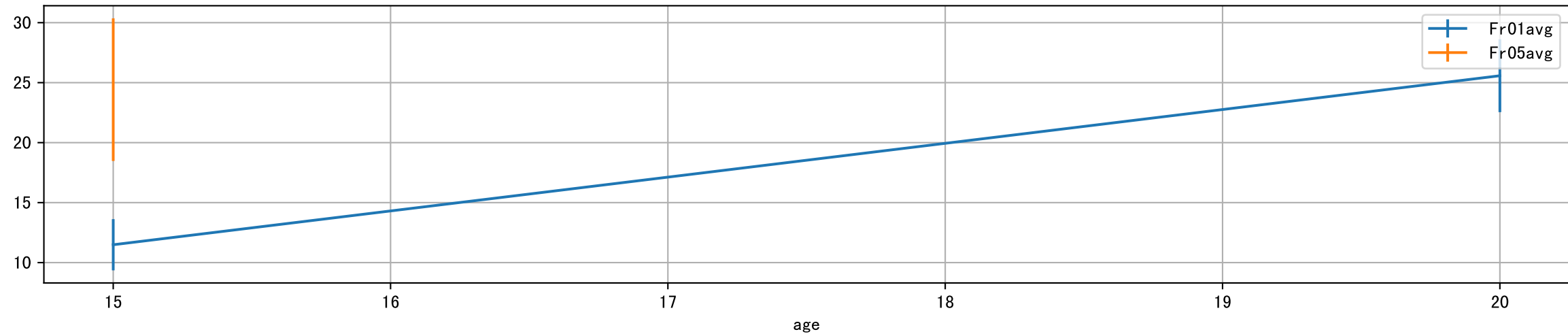


dStH: sfDem



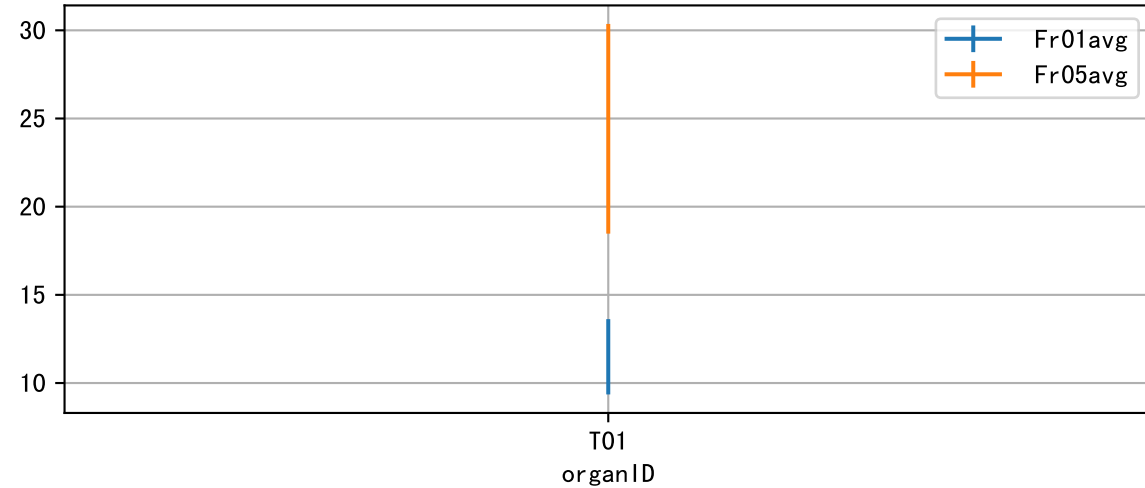


FrV: Fr01 vs Fr05 at each truss
organID=T01

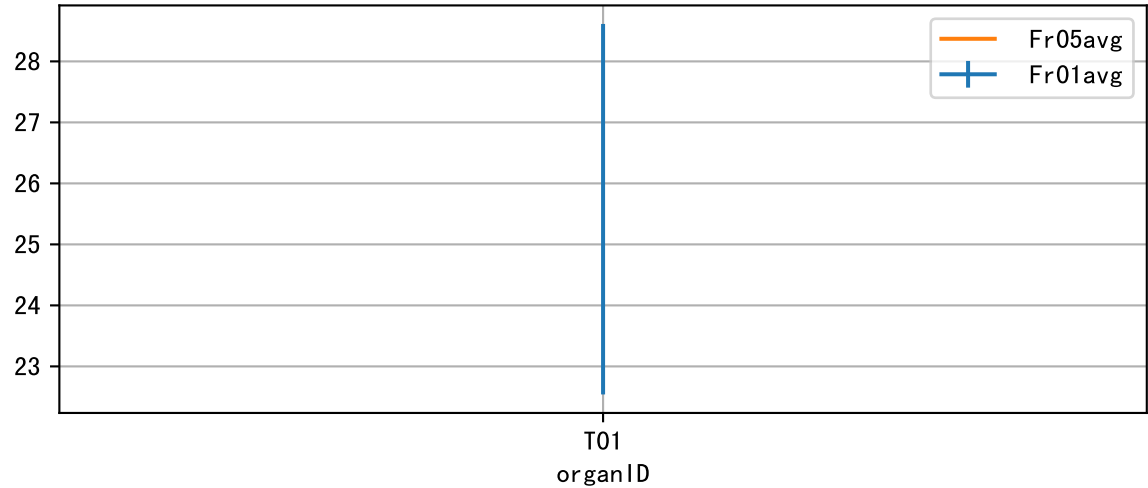


FrV trend at each age

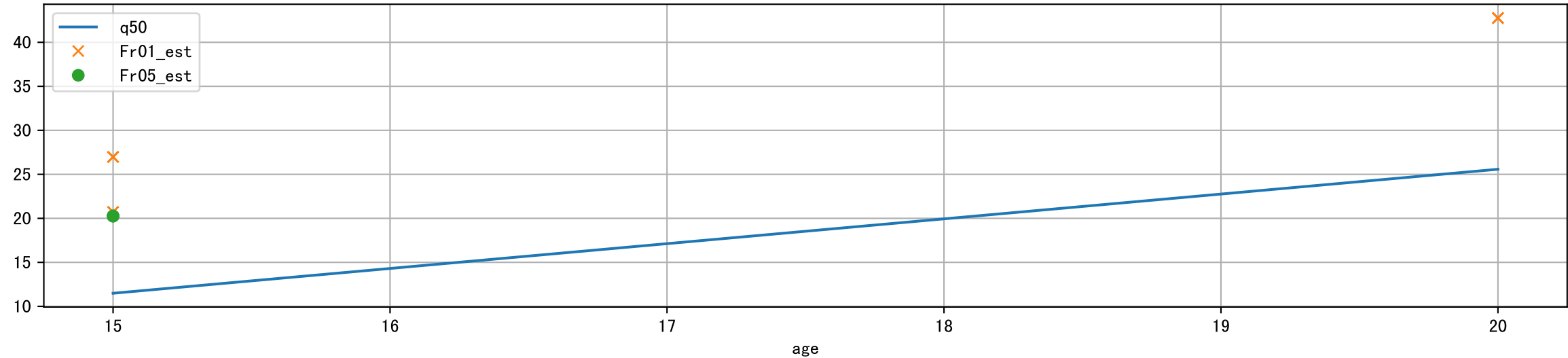
age=15



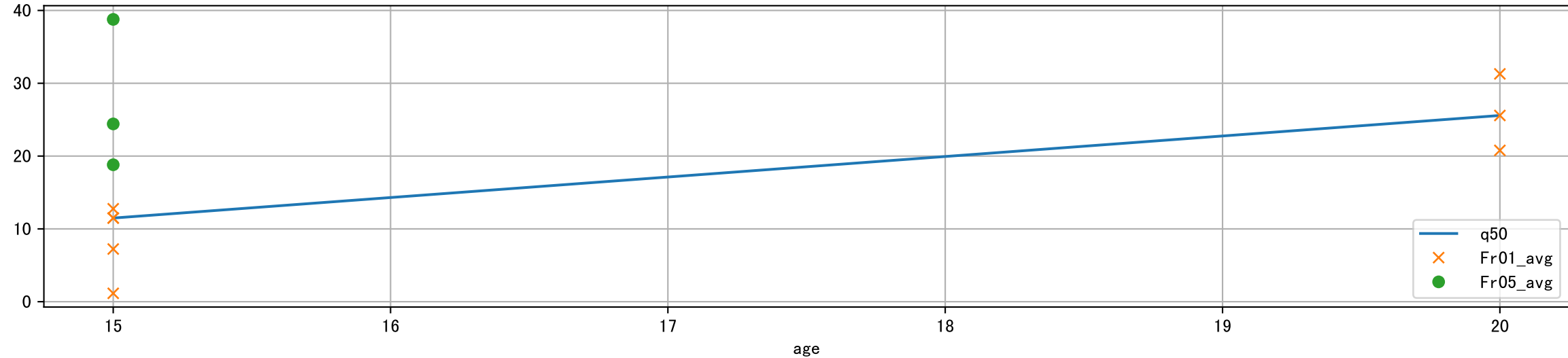
age=20



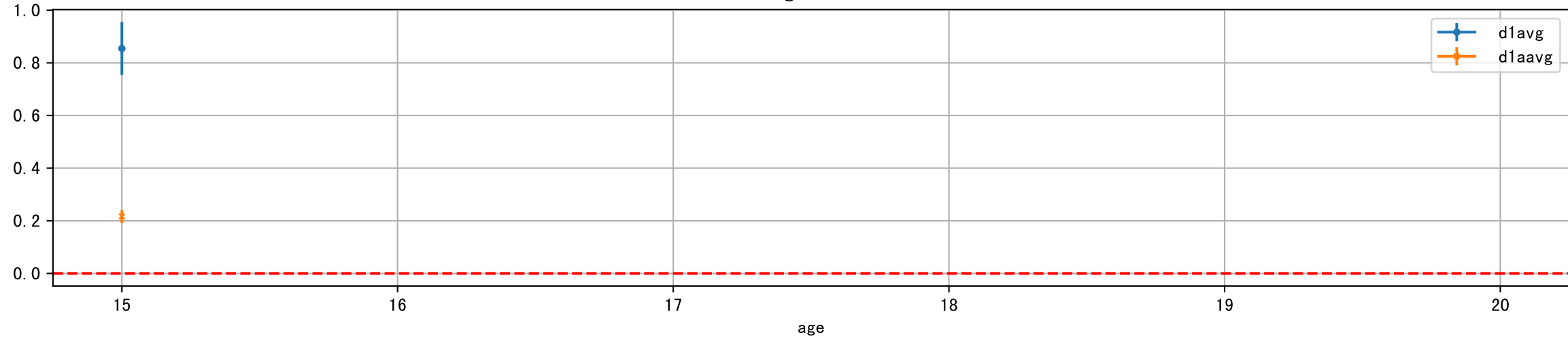
FrV: model Est vs obsFrV at Q90



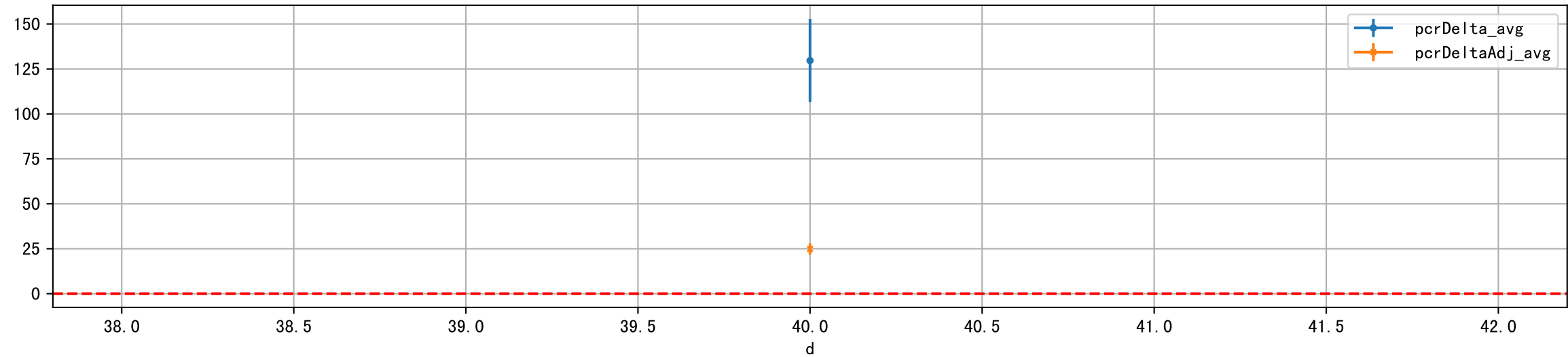
FrV: obsFrV vs obsFrV@Q90



FrV: D_Fr1_FrV
organID=1

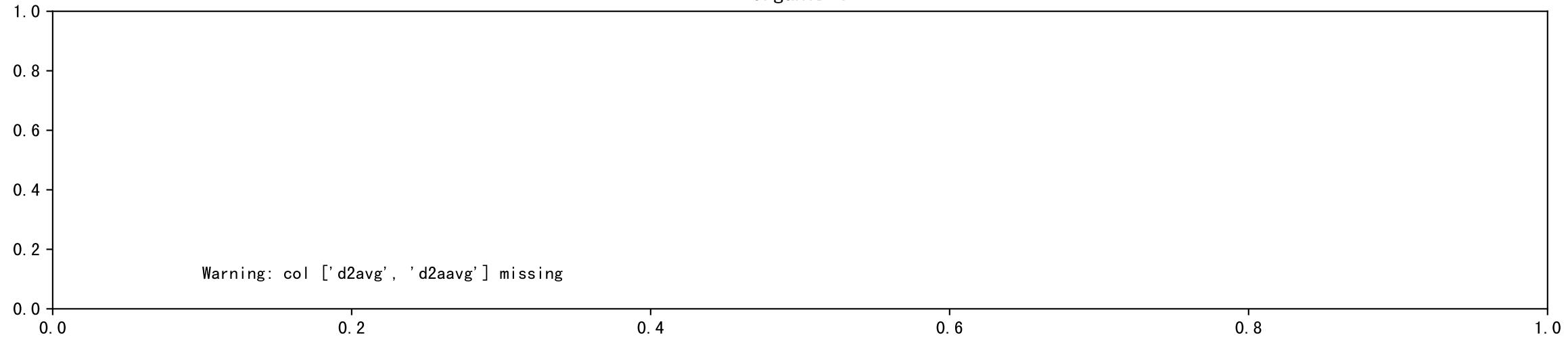


P3-6 FrV: D_Fr1_FrV

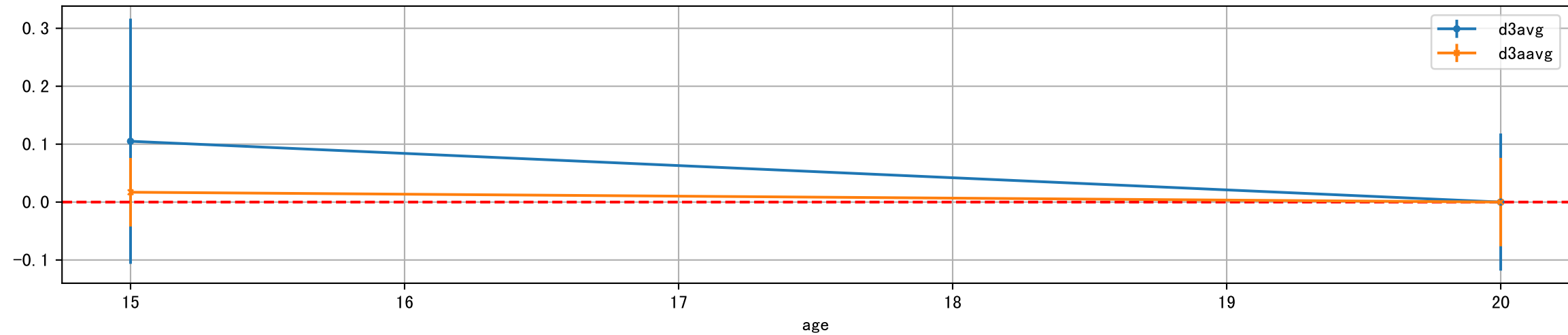


FrV: D_Ts_FrV
organID=1

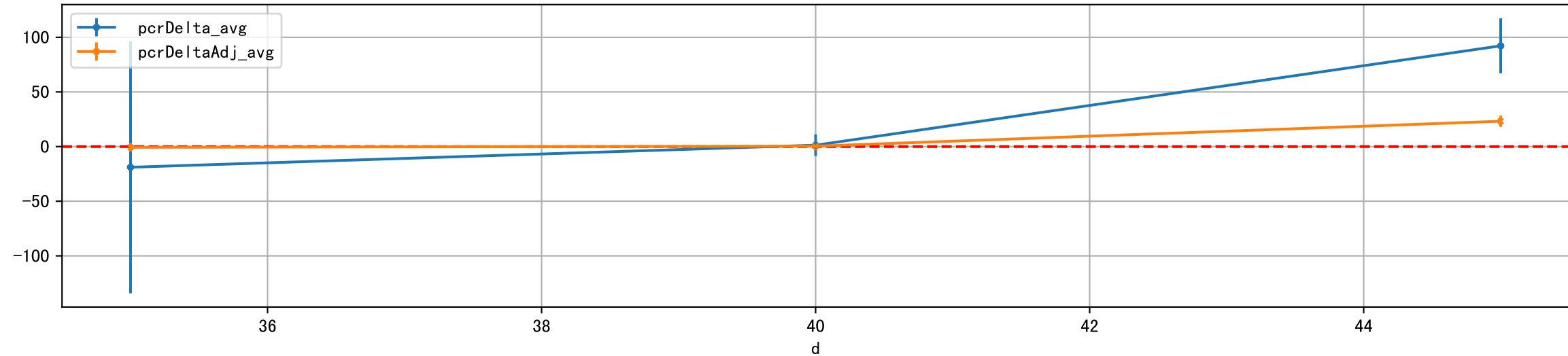
Warning: col ['d2avg', 'd2aavg'] missing



FrV: D_Q50_FrV
organID=1



P3-6 FrV: D_Q50_FrV



FrV: D_Est_FrV
organID=1

