

Phenotype Data Analysis Plots

PhenoData day range = 12 – 38

Analysis cutoff day = 38

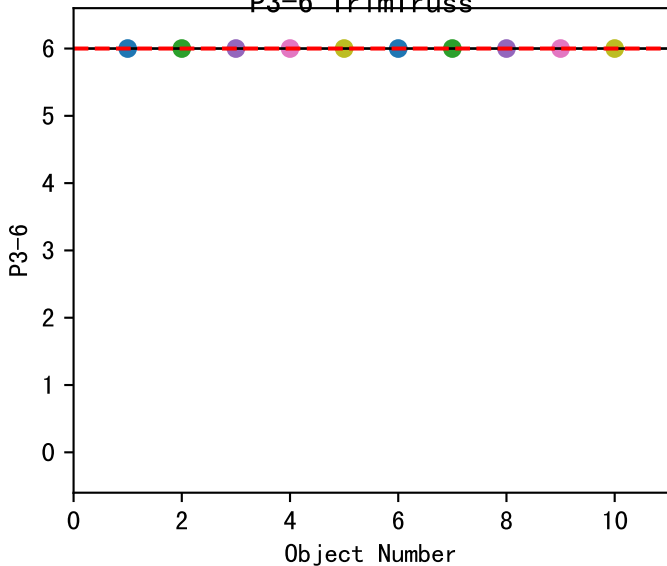
NC11 P3-6

2025-05-07 (Day 39)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

P3-6 TrimTruss



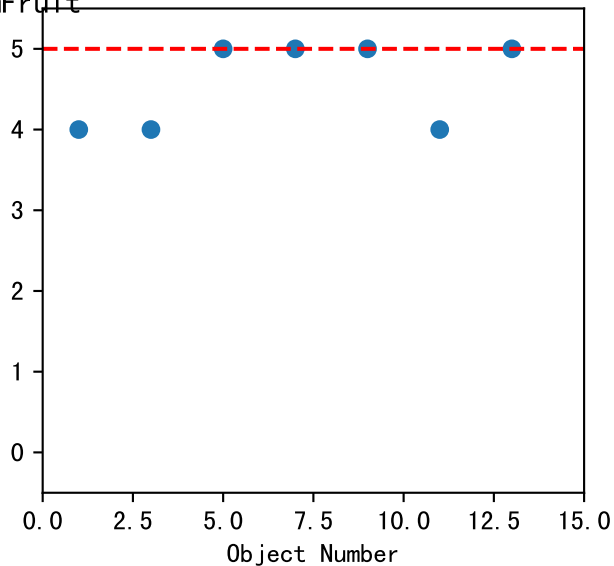
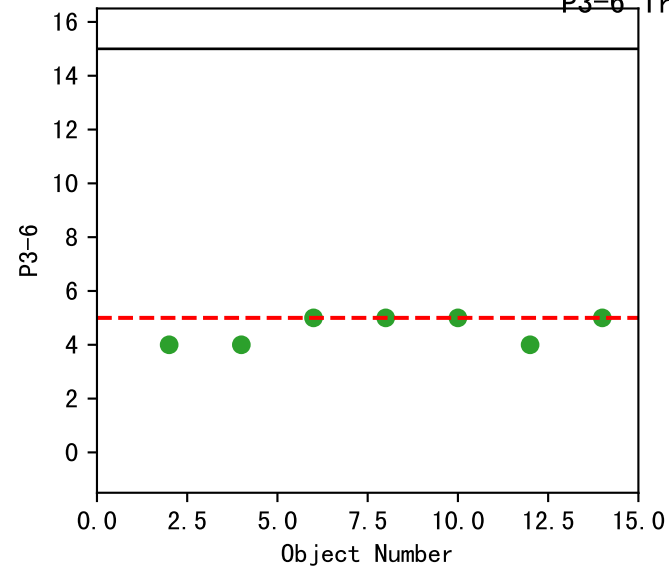
FruitNumAvgPerTruss (Def=15 Set=5)

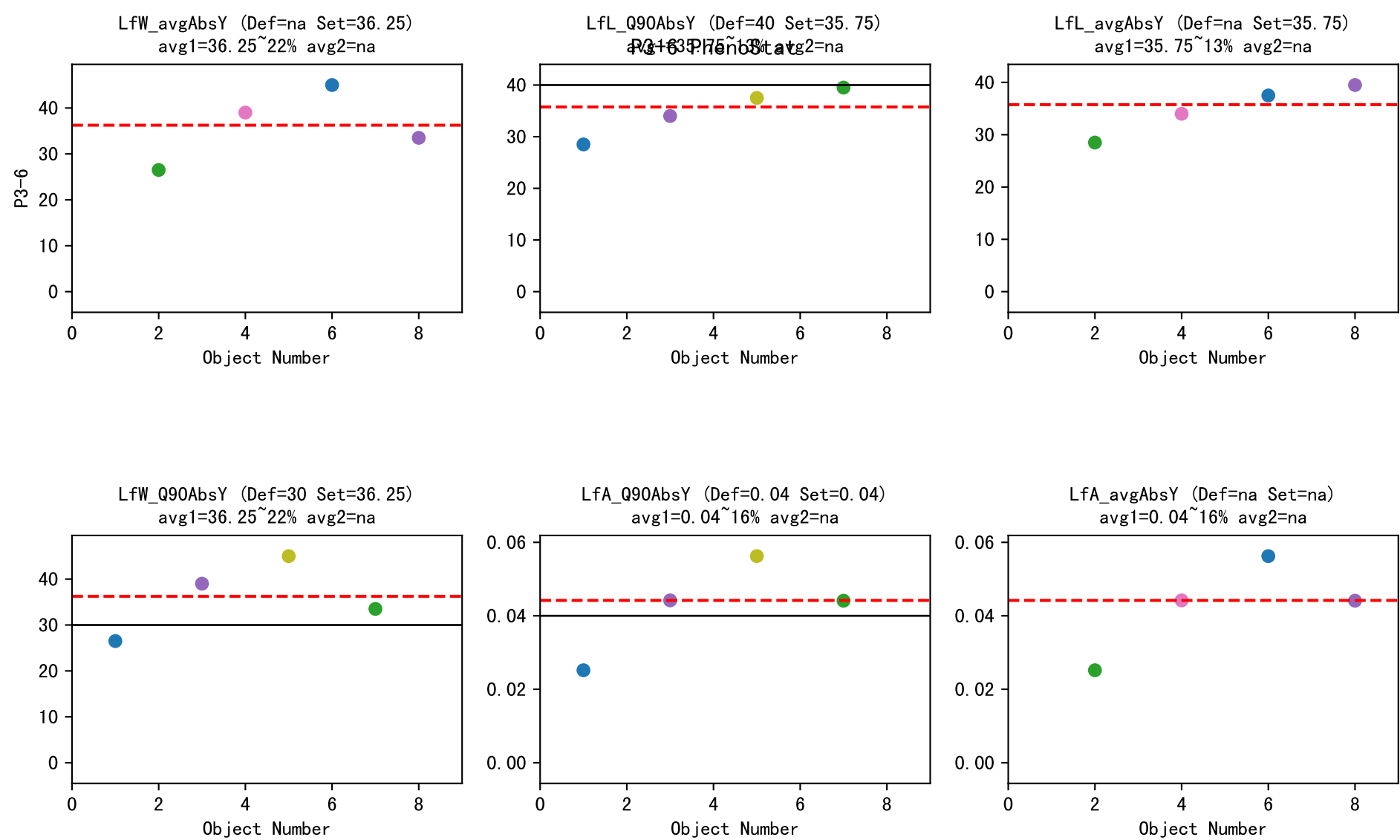
avg1=5.0~11% avg2=na

P3-6 TrimFruit

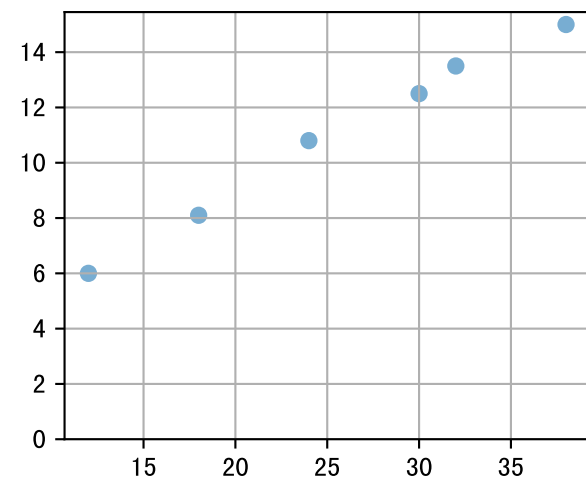
FruitNumMaxPerTruss (Def=na Set=5)

avg1=5.0~11% avg2=na

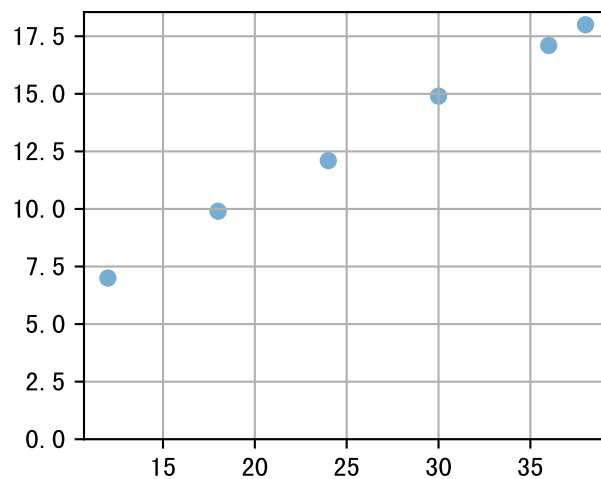




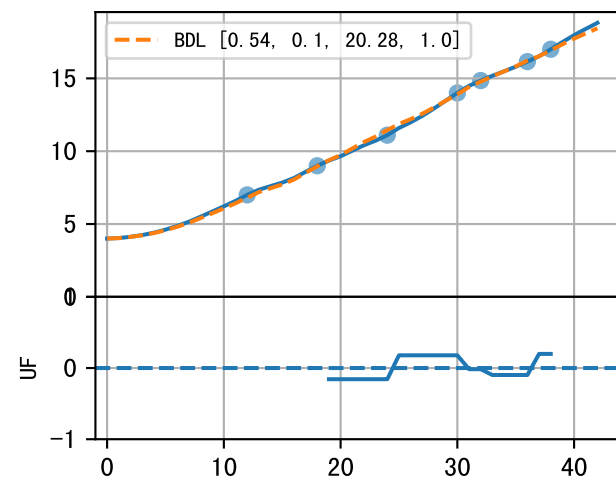
P3-6-003-24 (fit failed)



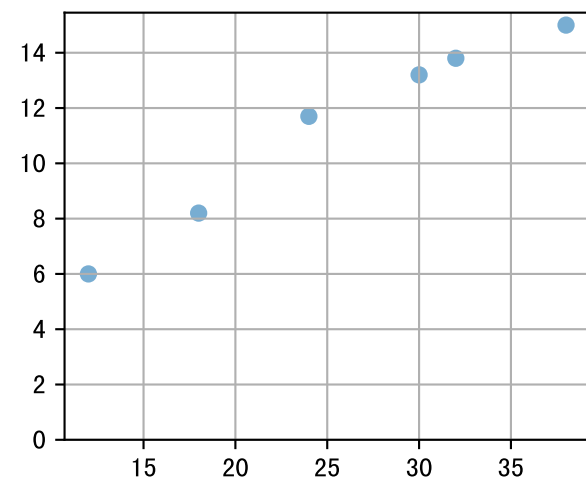
P3-6-007-11 (fit failed)



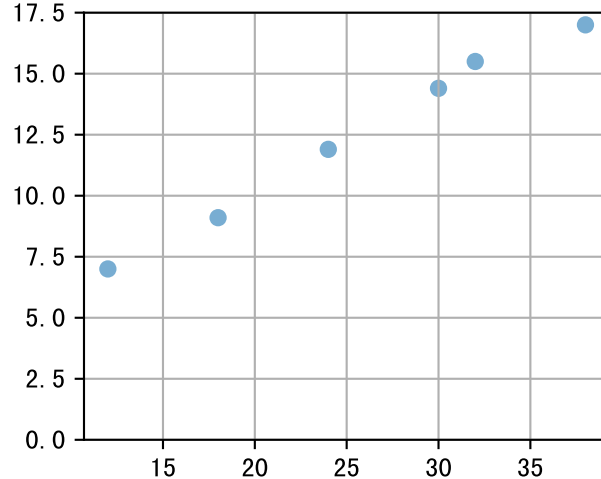
P3-6-011-7 (fit failed)



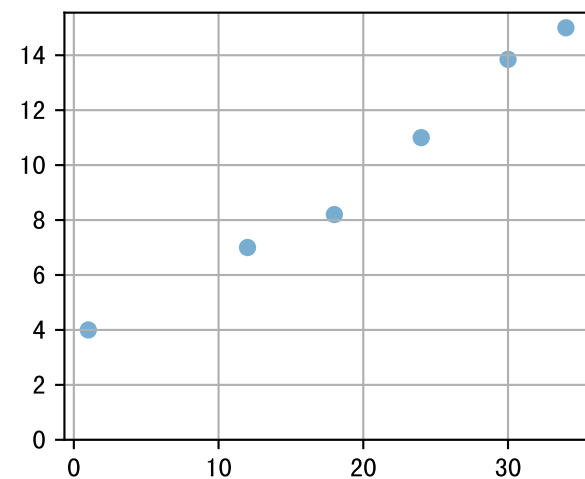
P3-6-015-30 (fit failed)



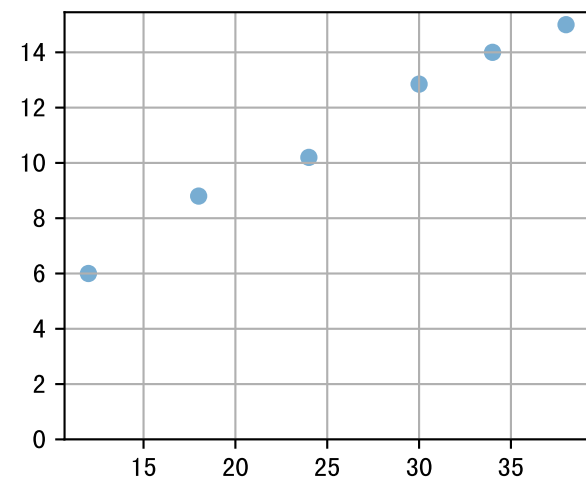
P3-6-019-12 (fit failed)



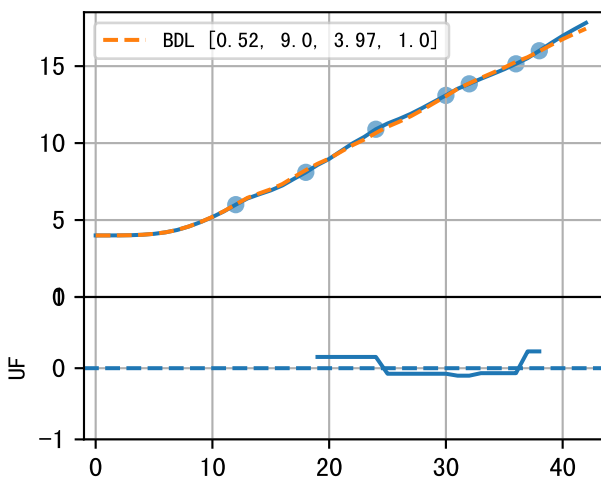
P3-6-024-25 (fit failed)



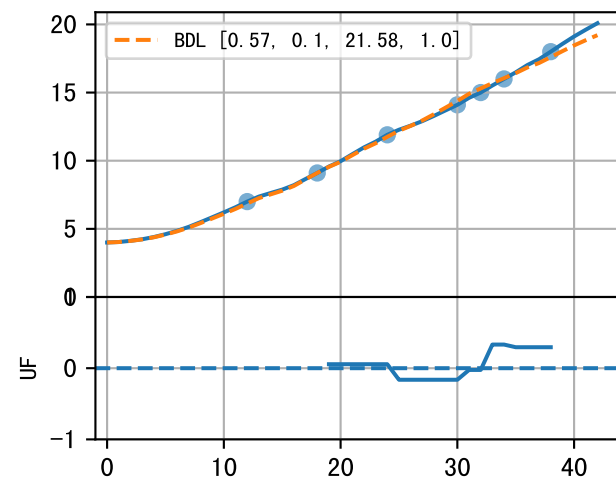
P3-6-028-32 (fit failed)



P3-6-033-9 (fit failed)

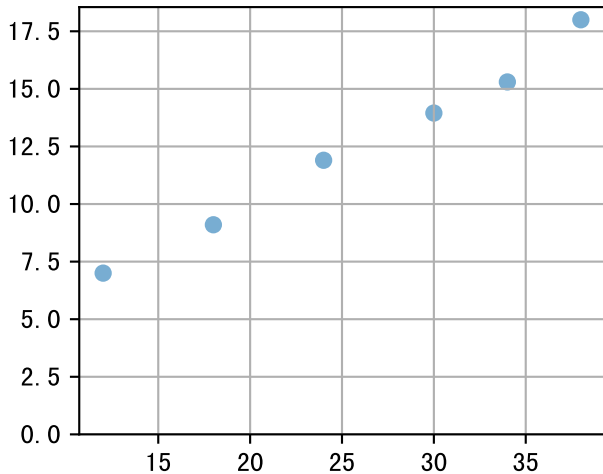


P3-6-038-21 (fit failed)



P3-6-042-4 (fit failed)

NdN



P3-6avg (fit failed)

NdN

BDL [0.52, 6.37, 7.83, 1.0]

UF

15

10

5

0

0

-1

0

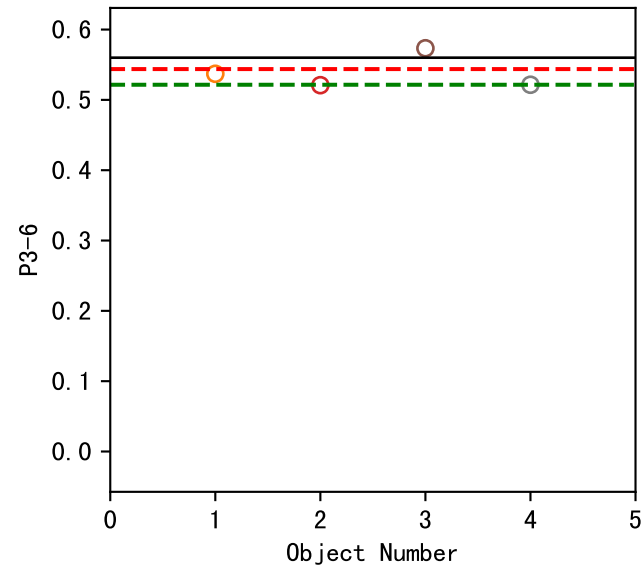
10

20

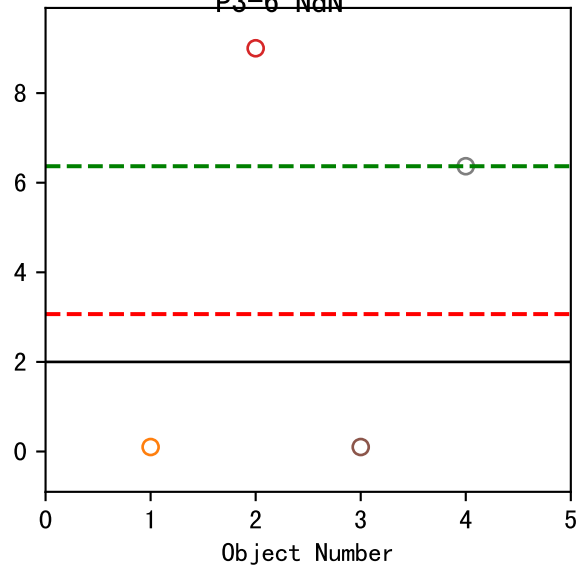
30

40

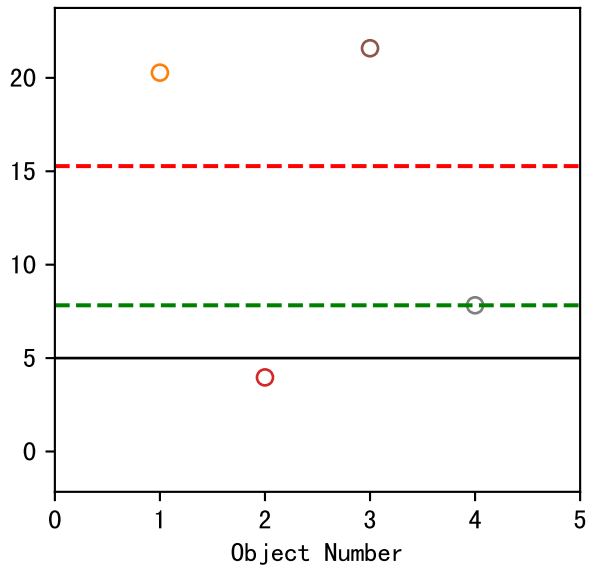
a (Def=0.56 Set=0.52)
avg1=0.54(fail) avg2=0.52



dm (Def=2 Set=6.37)
avg1=3.07(fail) avg2=6.37

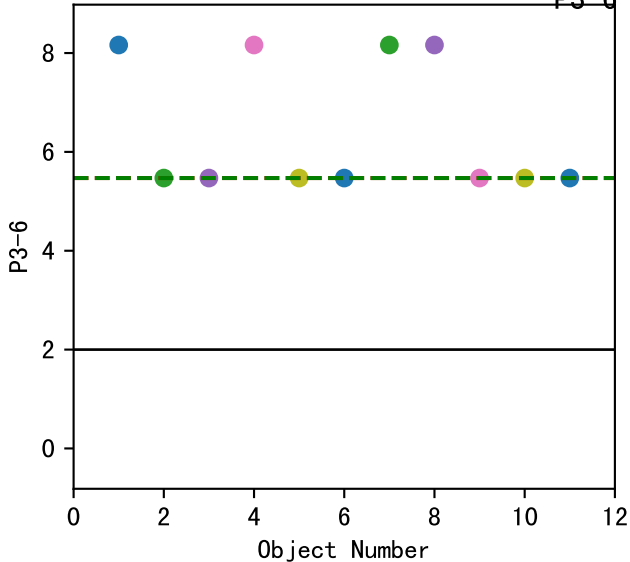


de (Def=5 Set=7.83)
avg1=15.28(fail) avg2=7.83



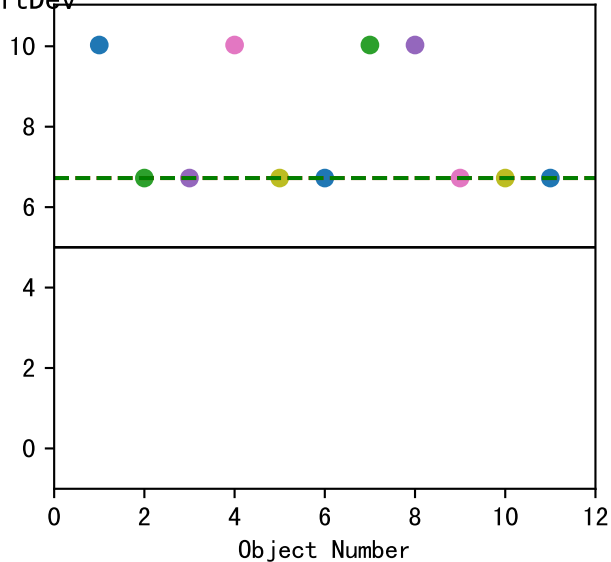
InitDev_dm (Def=2 Set=5.47)
avg1=5.47~25% avg2=5.47

P3-6

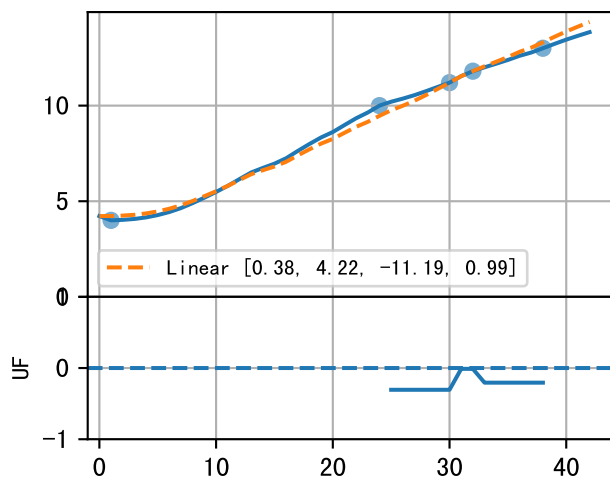


InitDev_de (Def=5 Set=6.72)
avg1=6.72~25% avg2=6.72

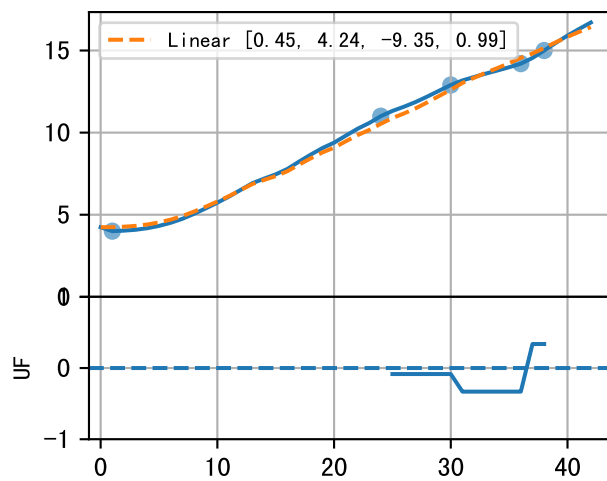
InitDev



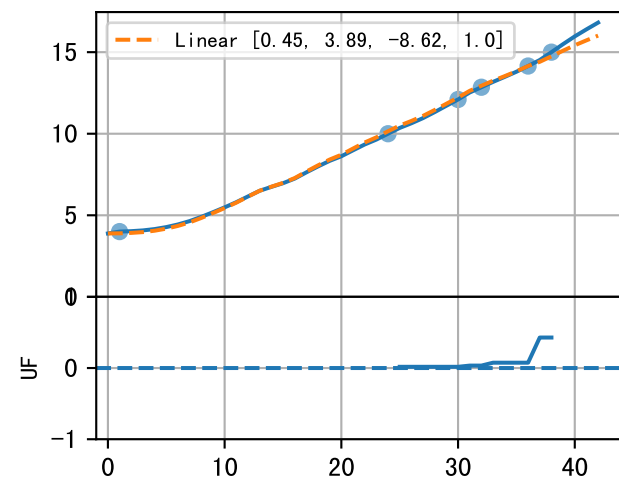
P3-6-003-24



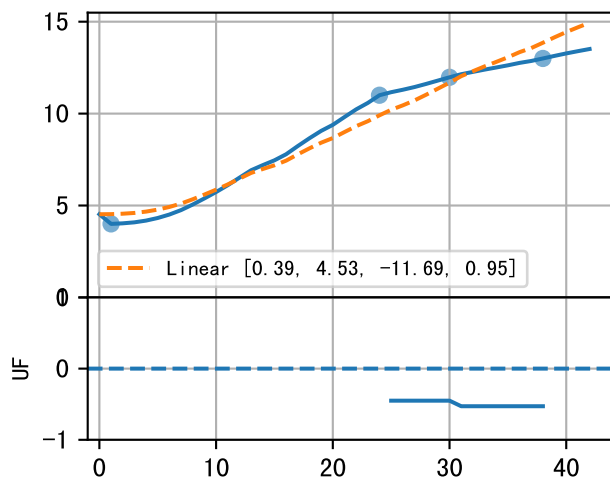
P3-6-007-11



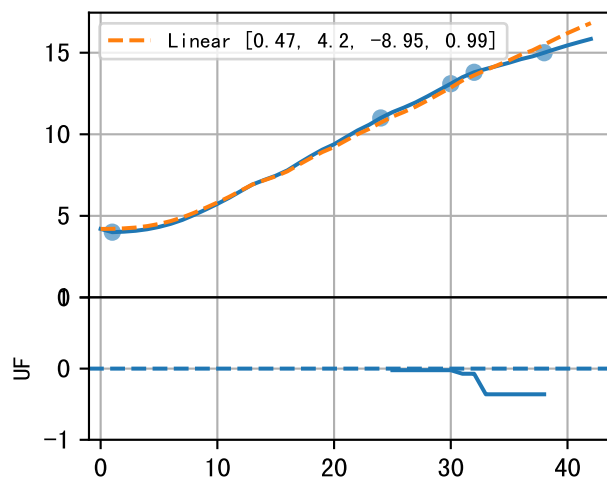
P3-6-011-7



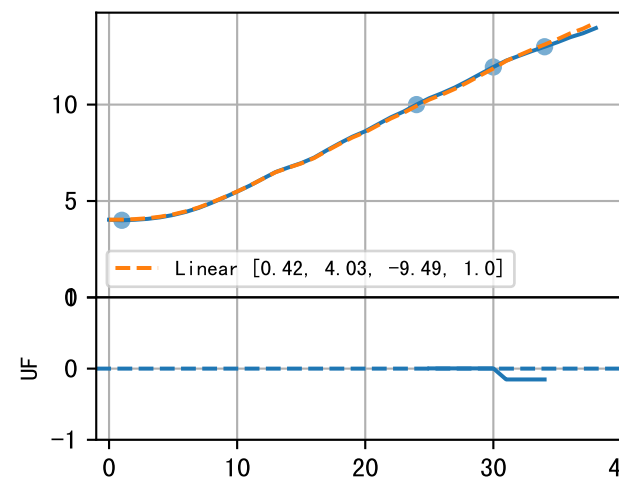
P3-6-015-30



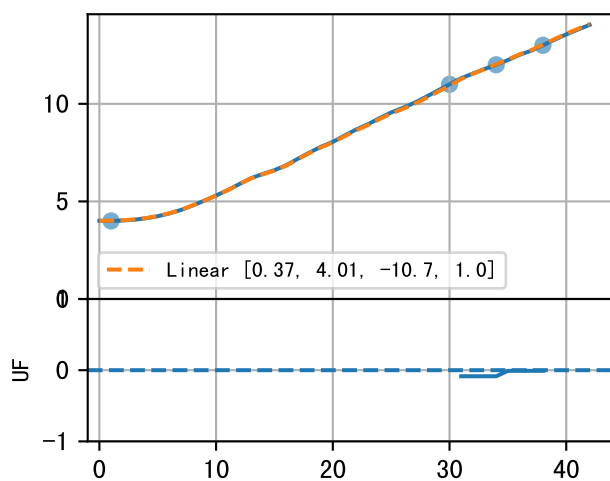
P3-6-019-12



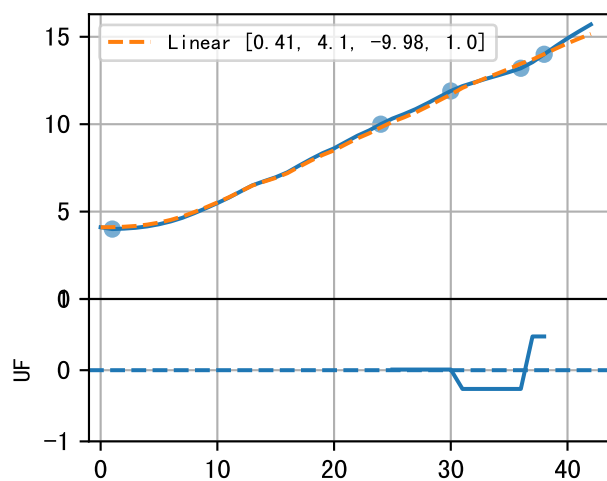
P3-6-024-25



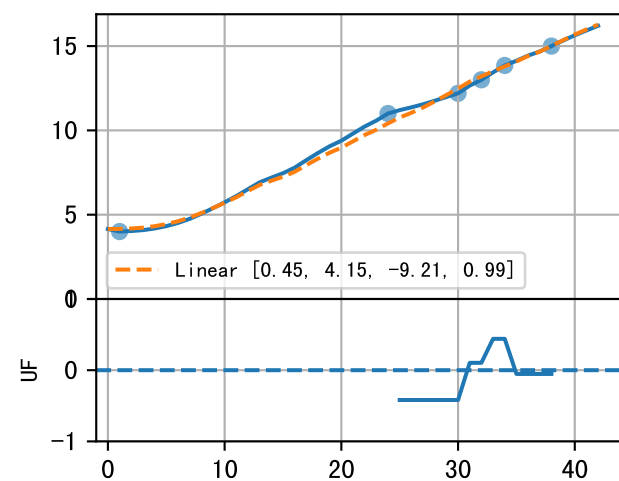
P3-6-028-32



P3-6-033-9

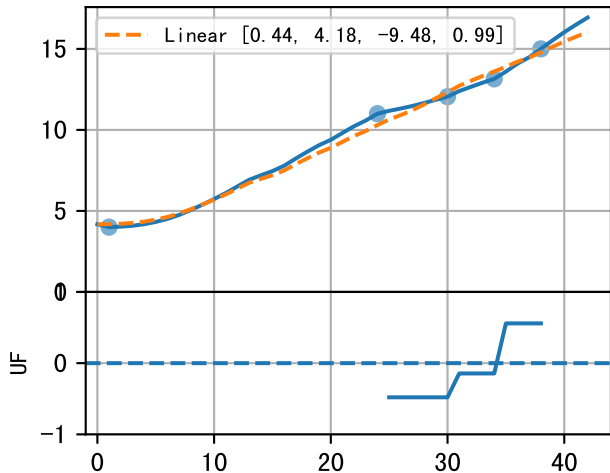


P3-6-038-21



P3-6-042-4

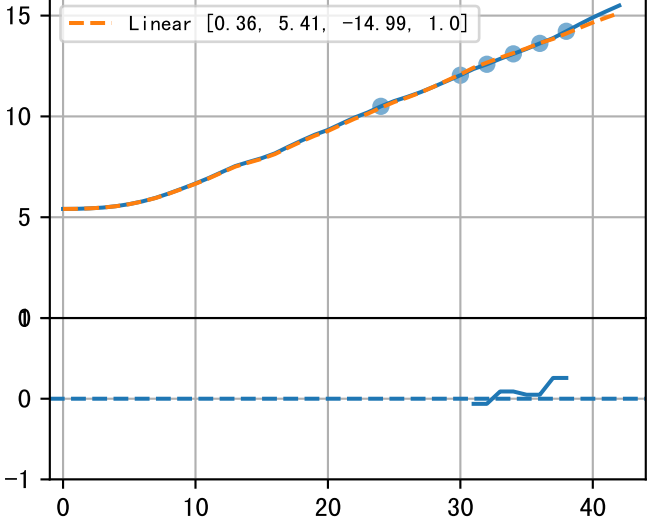
LfN



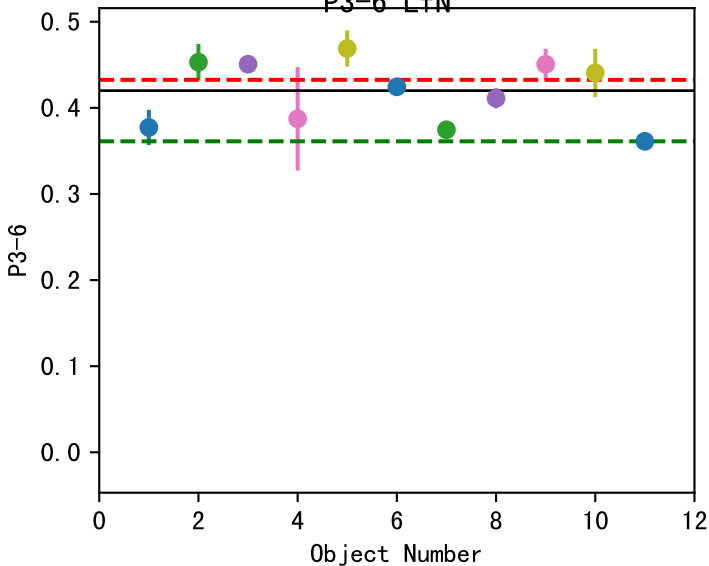
P3-6avg
Lfn

Linear [0.36, 5.41, -14.99, 1.0]

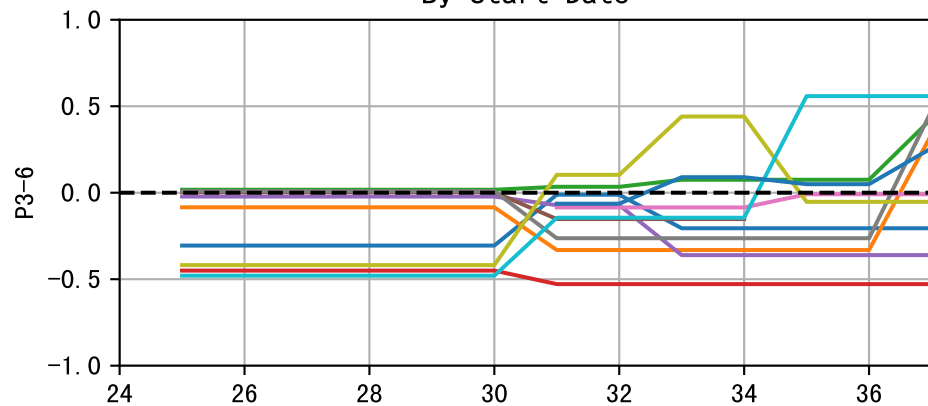
UF



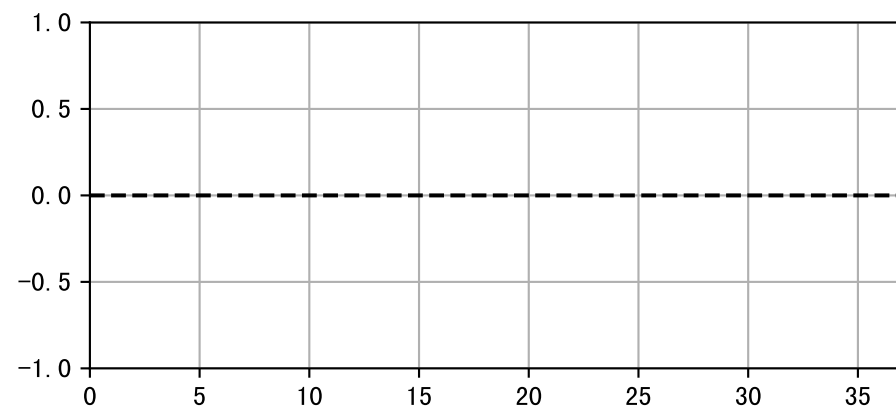
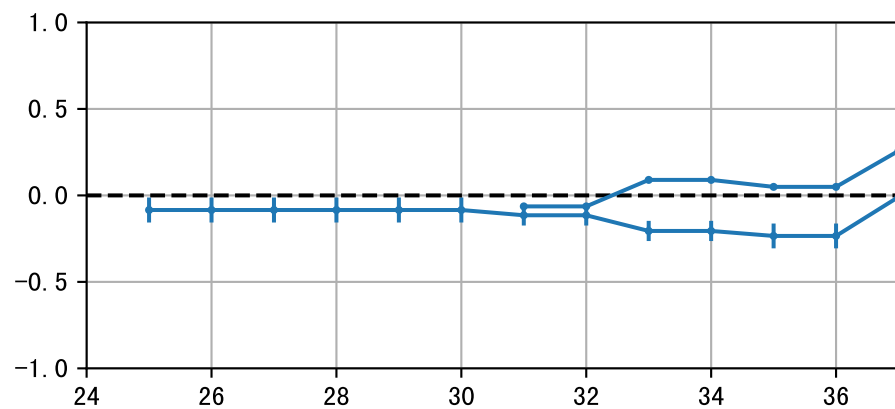
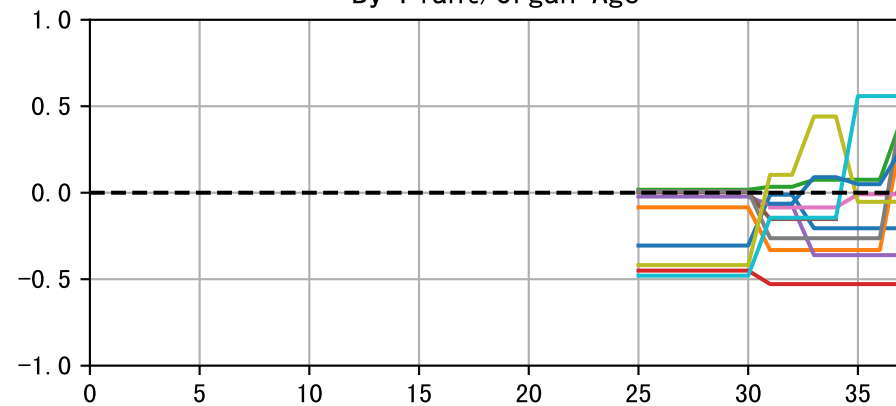
a (Def=0.42 Set=0.36)
avg1=0.43 $\sim$ 8% avg2=0.36 $\sim$ 9%
P3-6 LfN



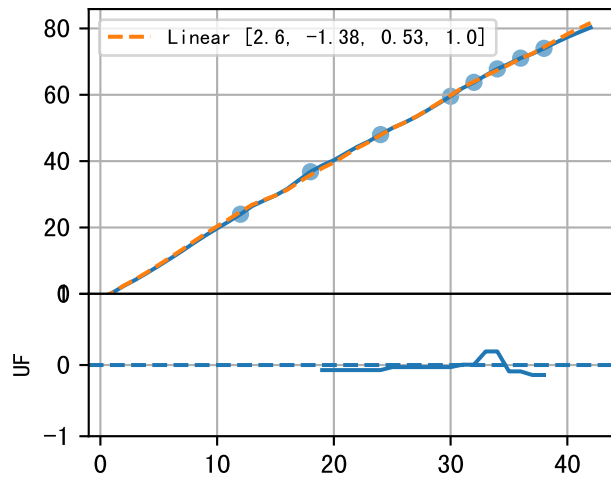
By Start Date



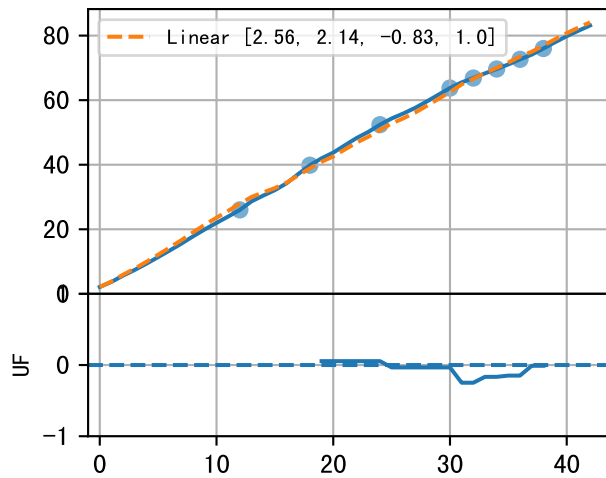
By Plant/Organ Age



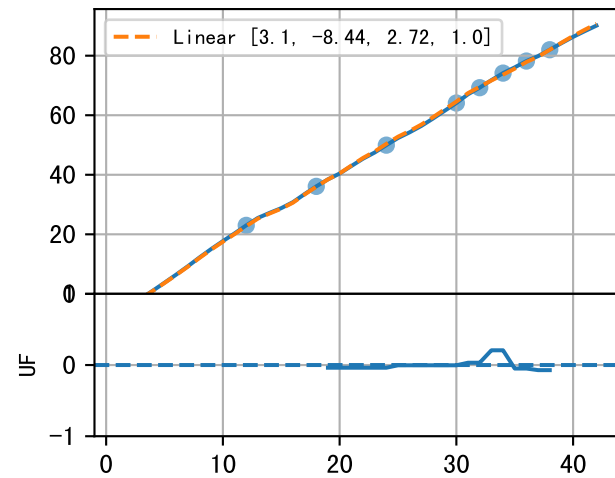
P3-6-003-24



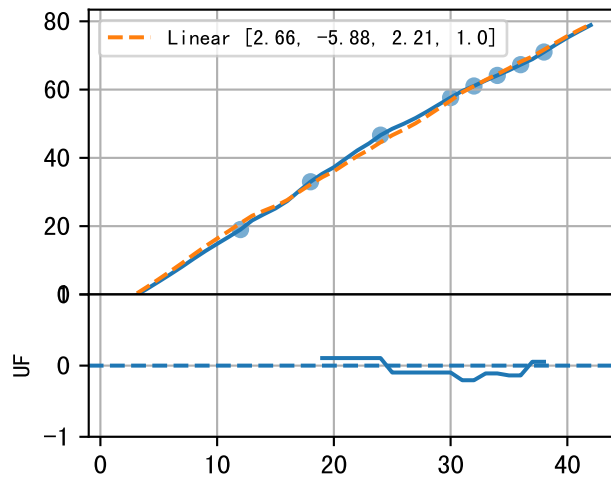
P3-6-007-11



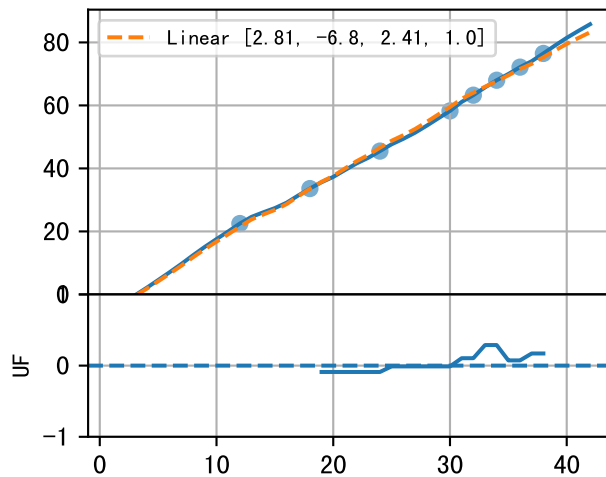
P3-6-011-7



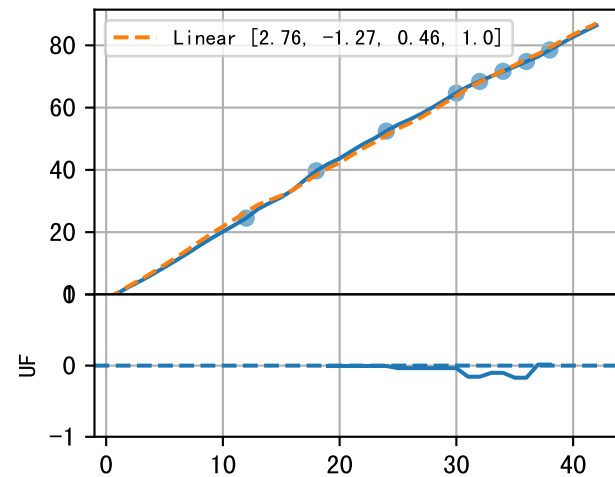
P3-6-015-30



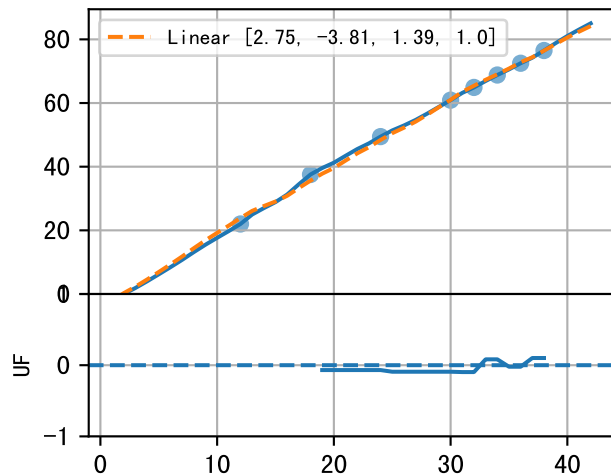
P3-6-019-12



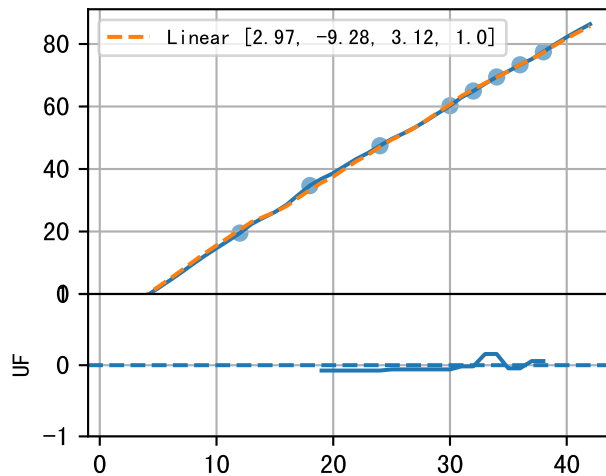
P3-6-024-25



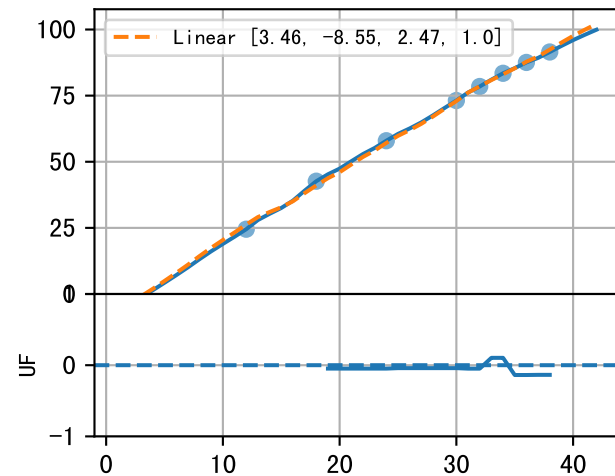
P3-6-028-32



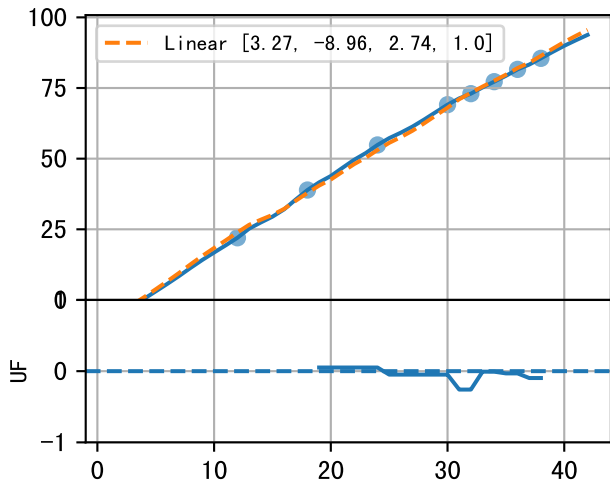
P3-6-033-9



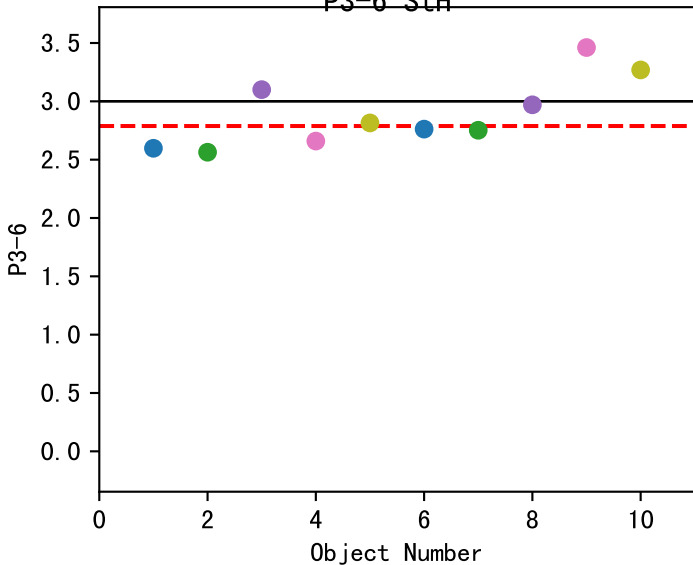
P3-6-038-21



P3-6-042-4

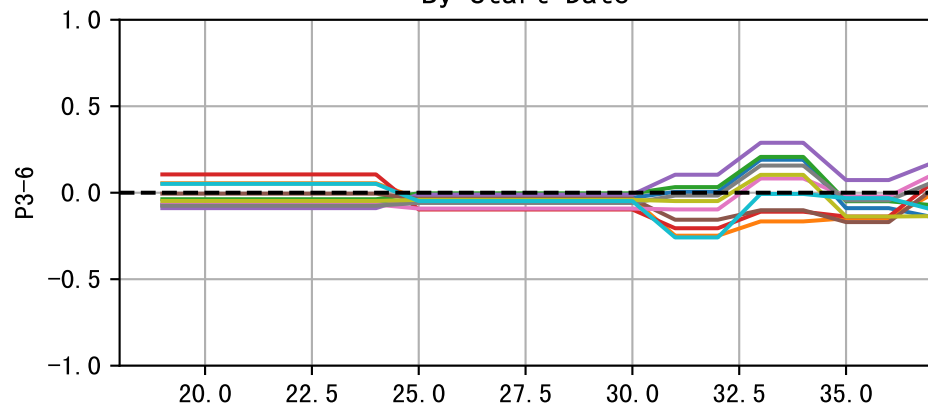


a (Def=3 Set=2.79)
avg1=2.79~11% avg2=na
P3-6 StH

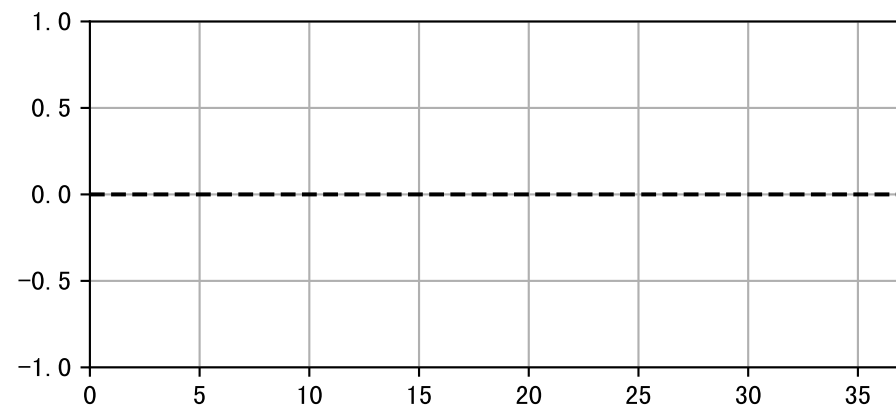
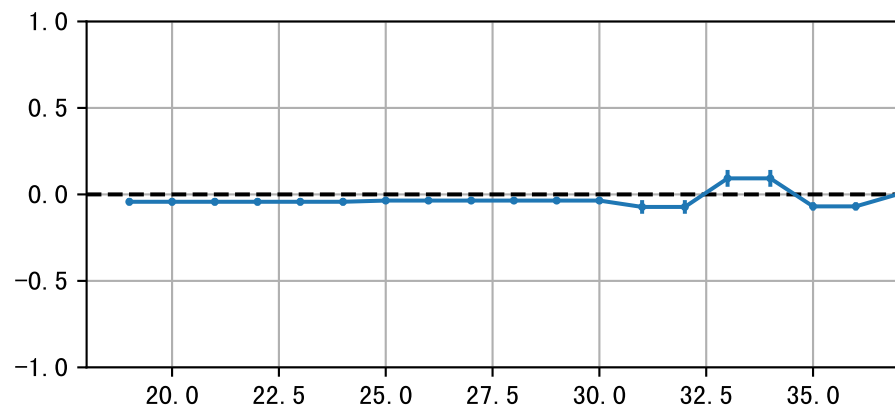
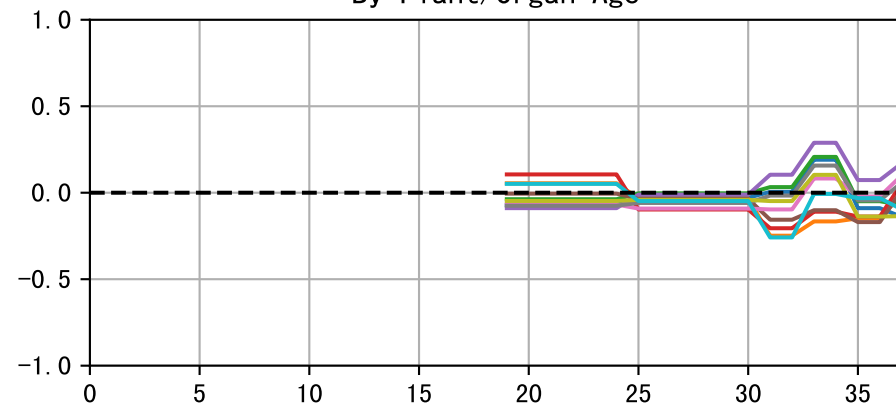


StH

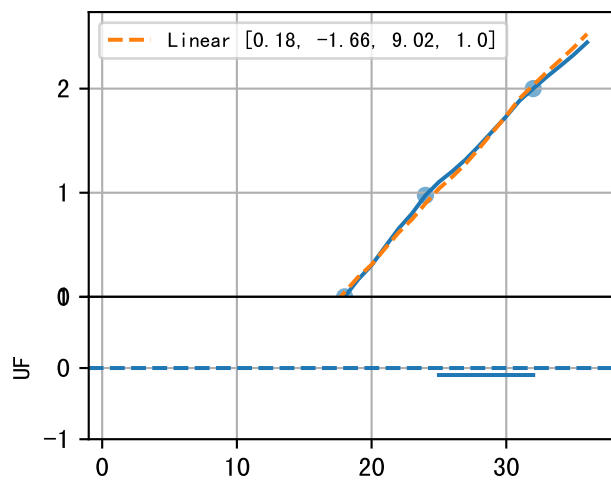
By Start Date



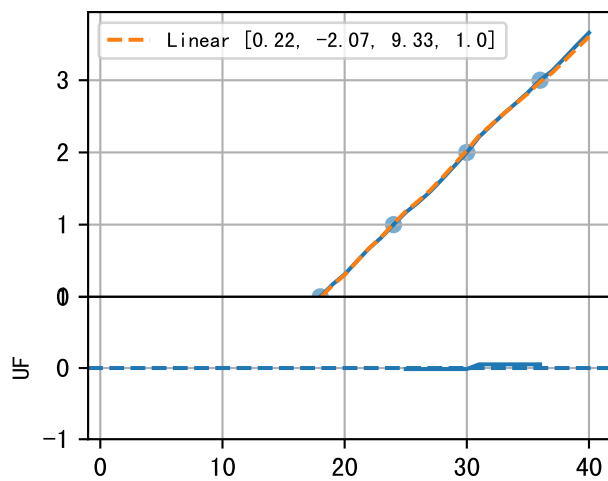
By Plant/Organ Age



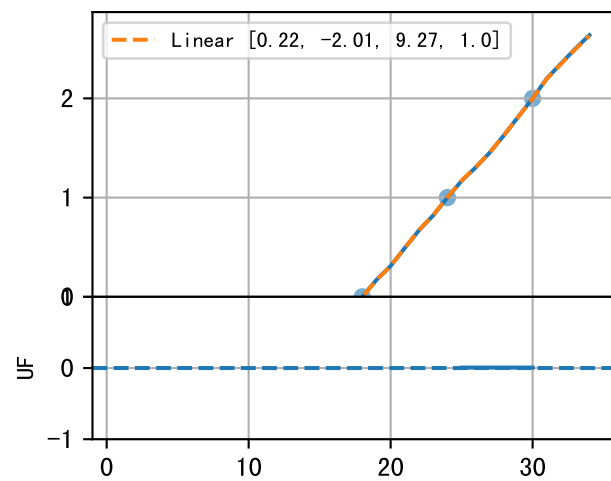
P3-6-003-24



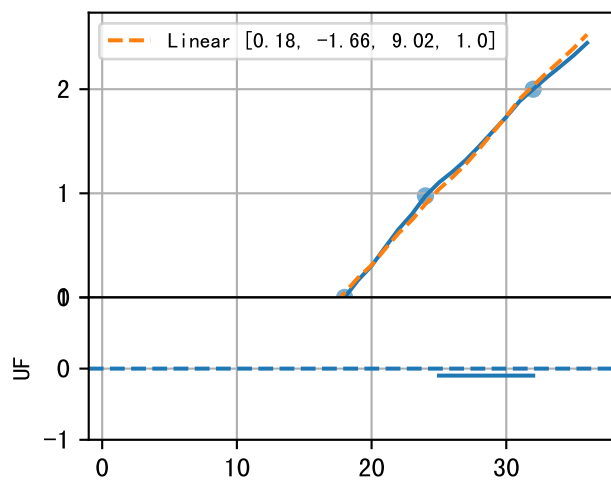
P3-6-007-11



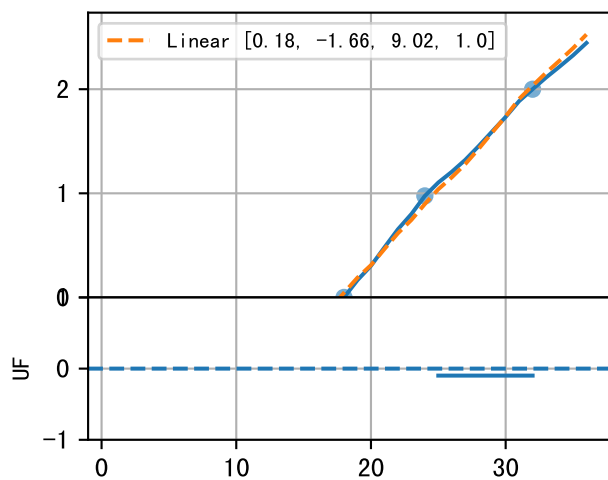
P3-6-011-7



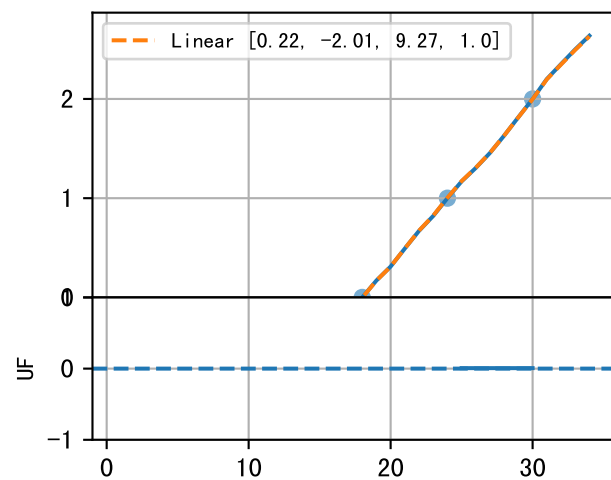
P3-6-015-30



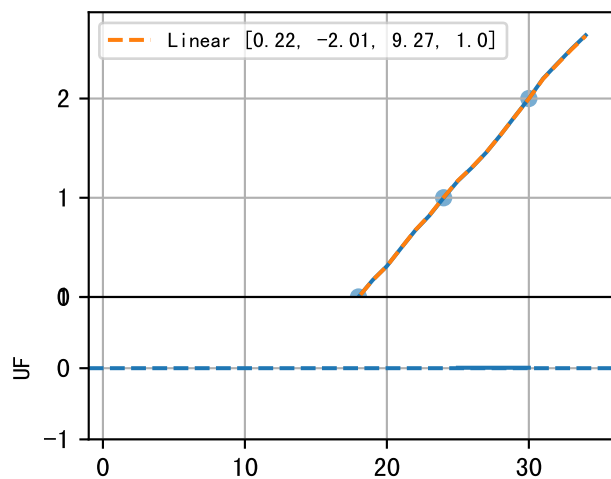
P3-6-019-12



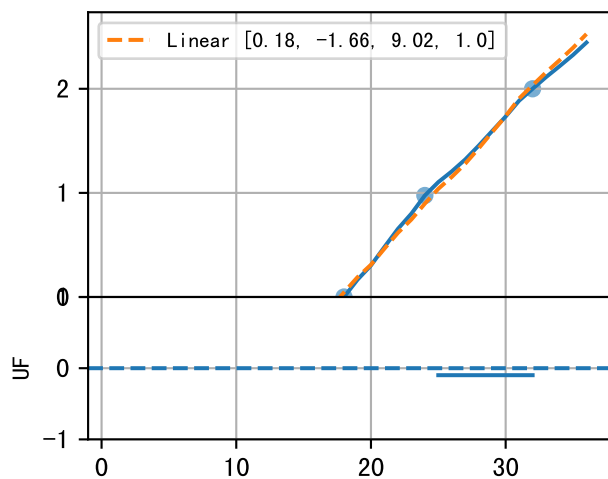
P3-6-024-25



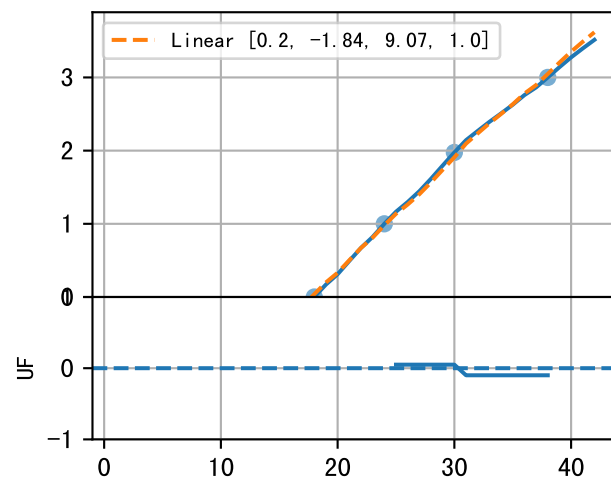
P3-6-028-32



P3-6-033-9

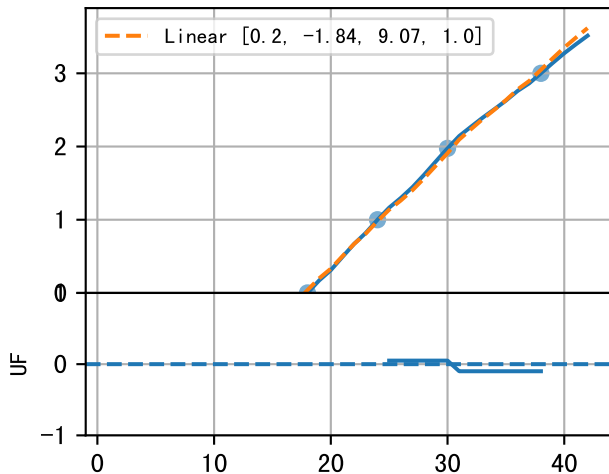


P3-6-038-21



P3-6-042-4

TsN



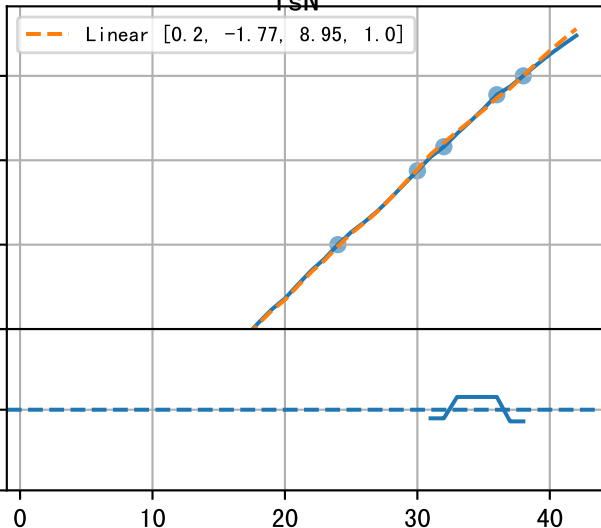
P3-6avg
T_{SN}

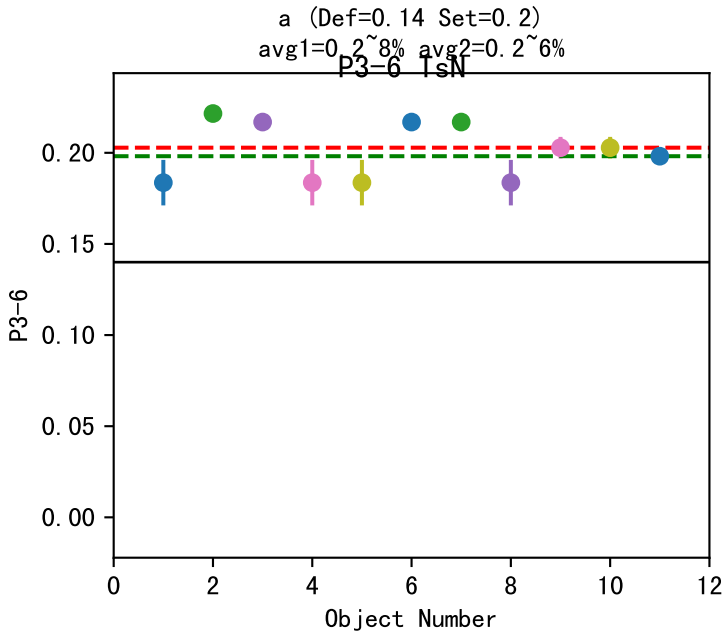
Linear [0.2, -1.77, 8.95, 1.0]

UF

3
2
1
0
0
-1

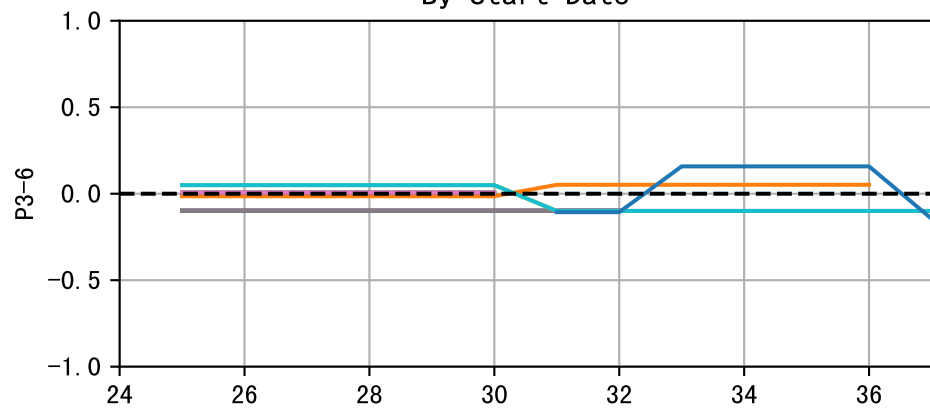
0 10 20 30 40



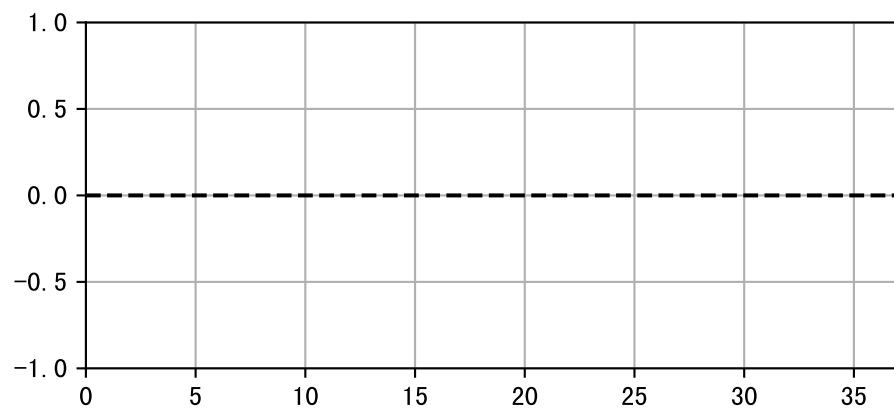
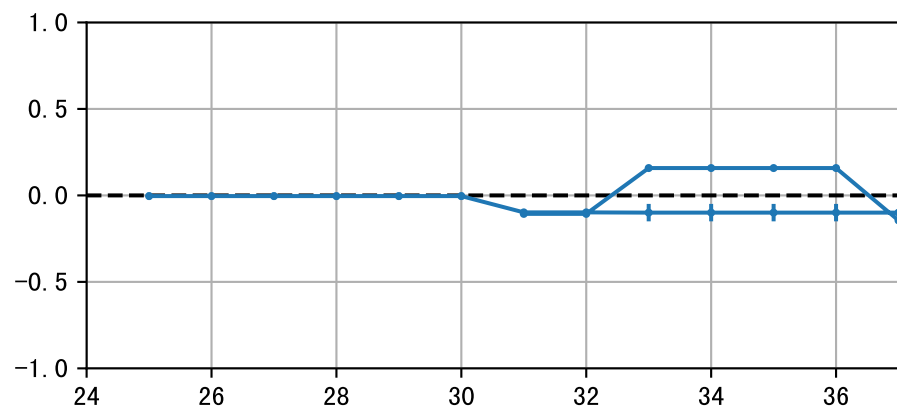
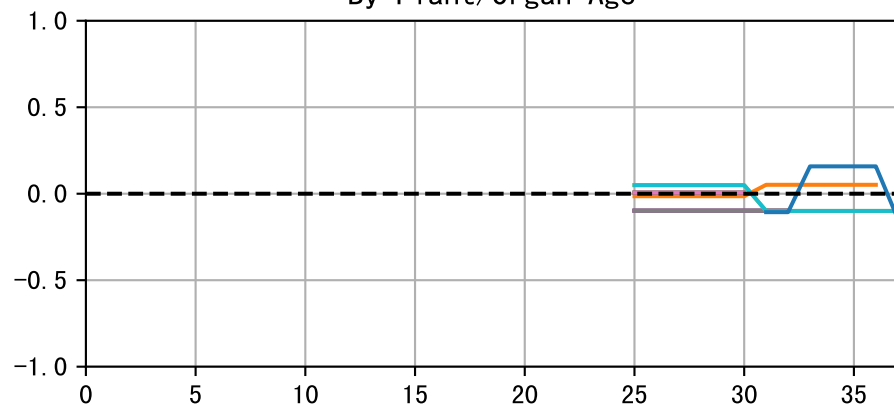


TsN

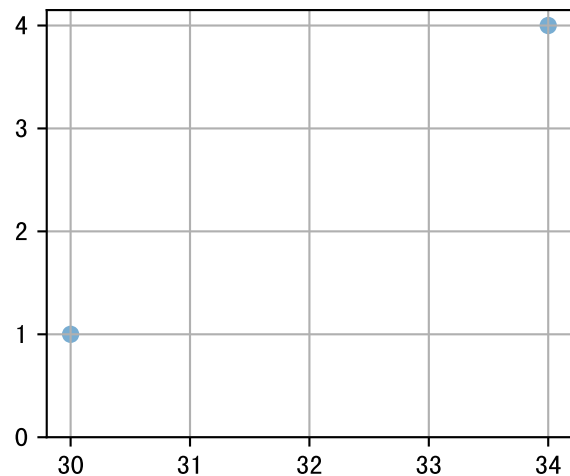
By Start Date



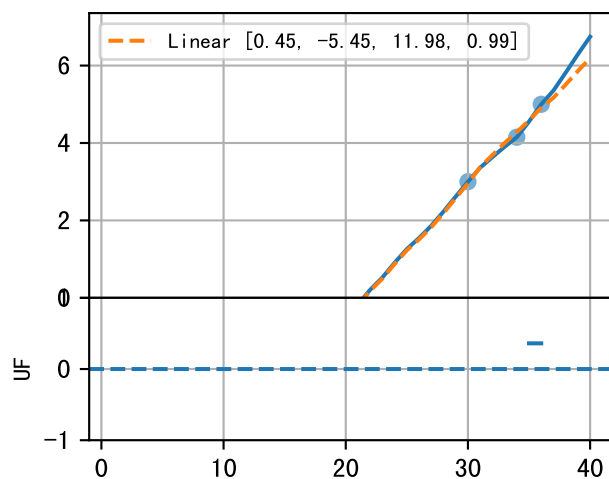
By Plant/Organ Age



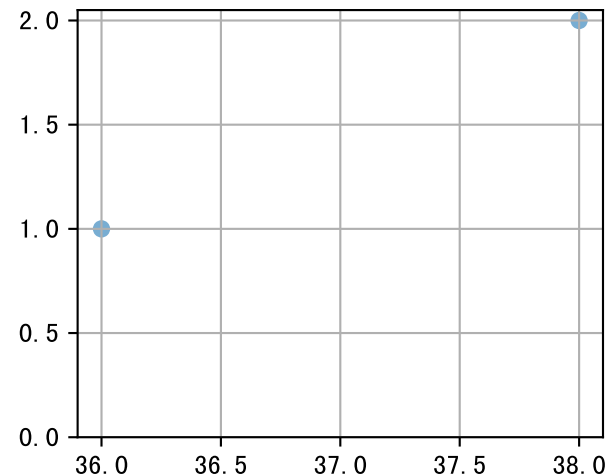
P3-6-003-24T1 (fit failed)



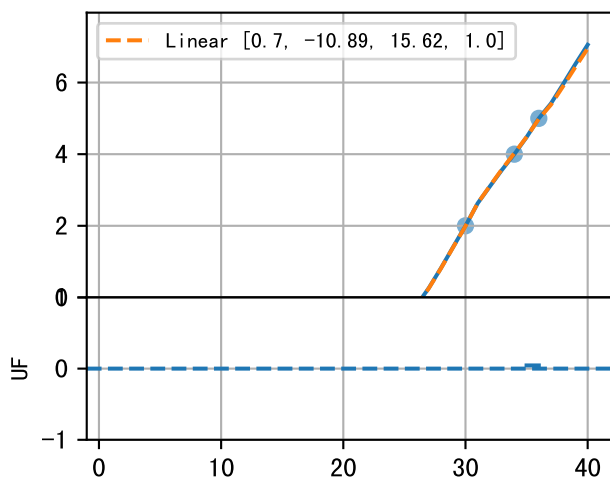
P3-6-011-7T1



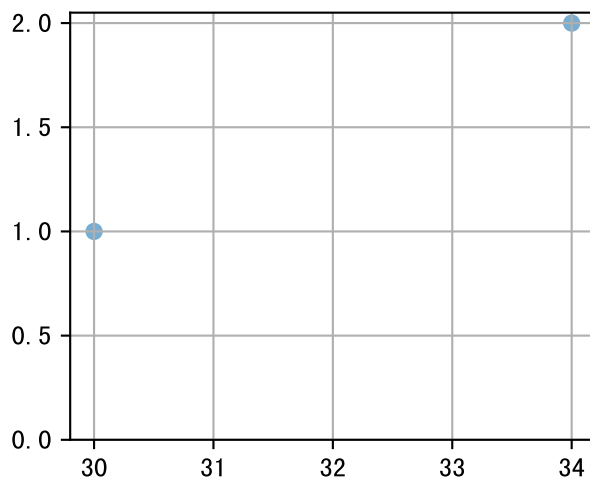
P3-6-011-7T2 (fit failed)



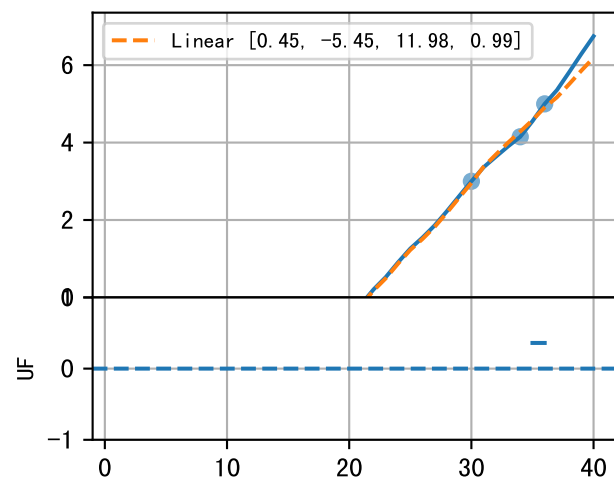
P3-6-015-30T1



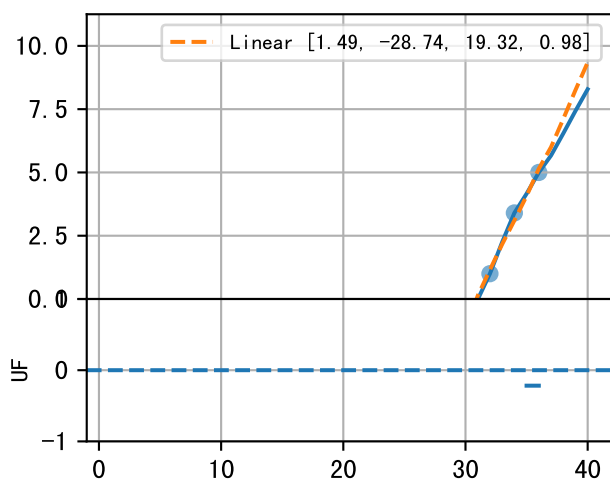
P3-6-019-12T1 (fit failed)



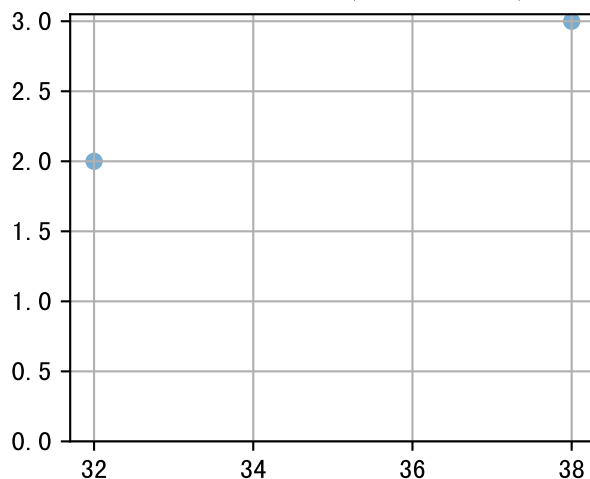
P3-6-024-25T1



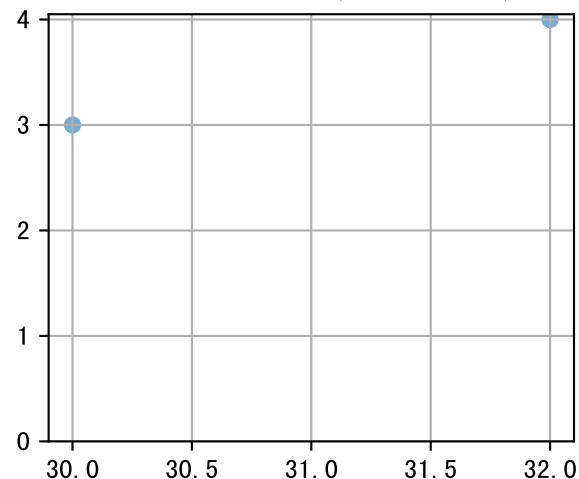
P3-6-028-32T1



P3-6-033-9T1 (fit failed)

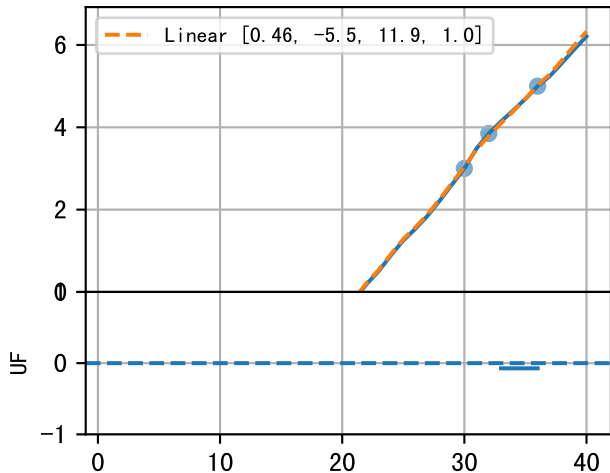


P3-6-038-21T1 (fit failed)



P3-6-042-4T1

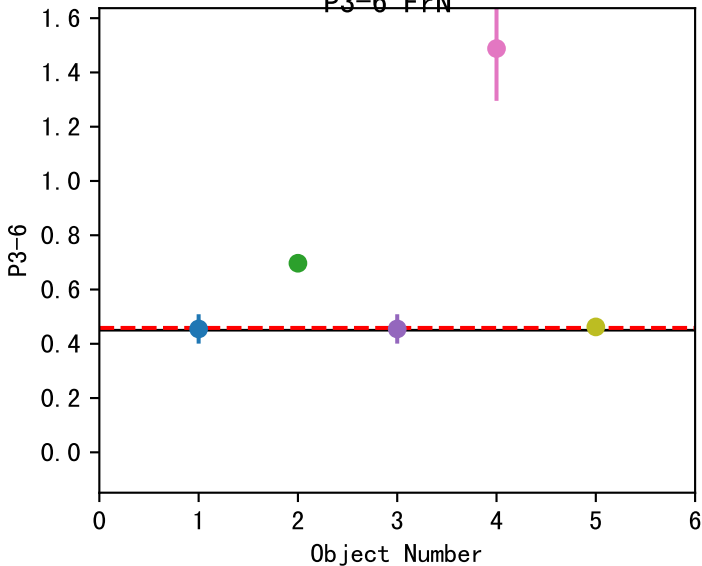
FrN



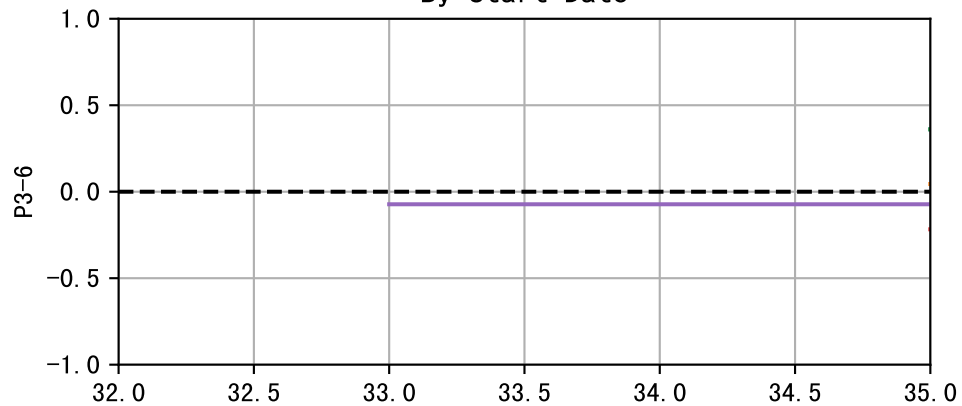
a (Def=0.45 Set=0.46)

avg1=0.46^{+26%} avg2=na

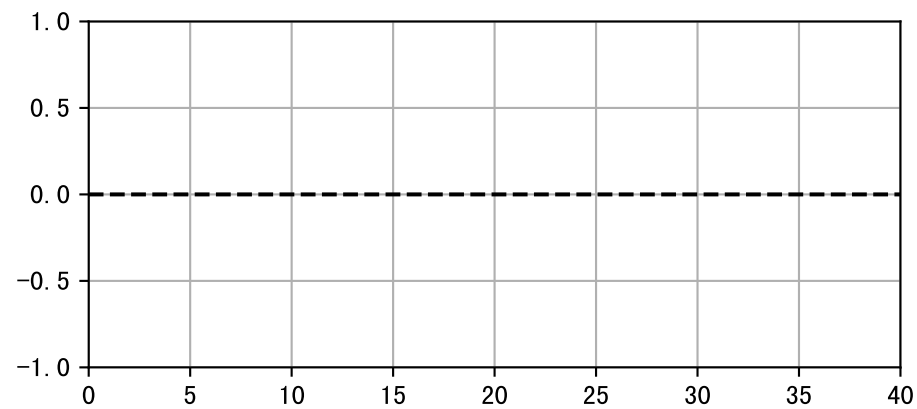
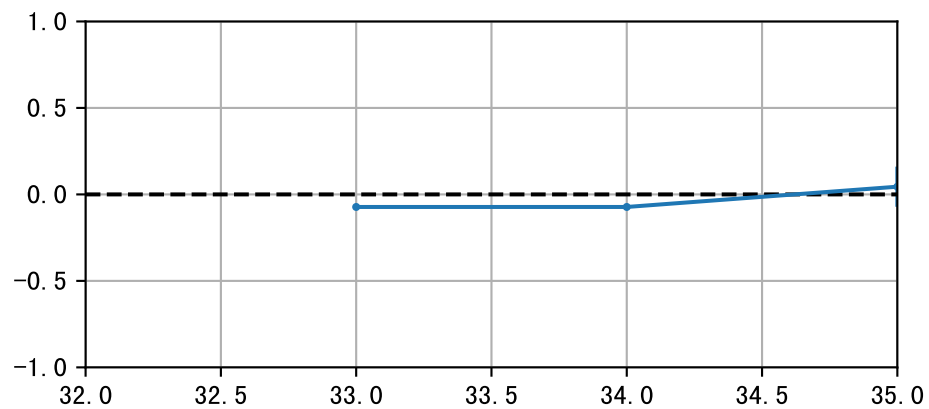
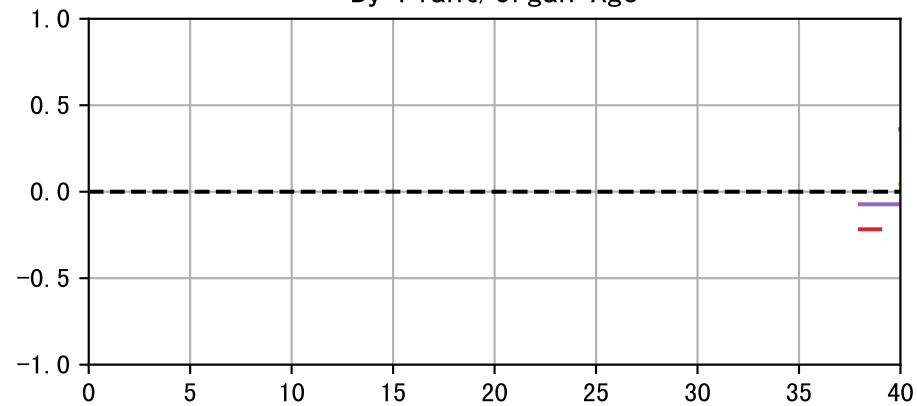
P3-6 FrN



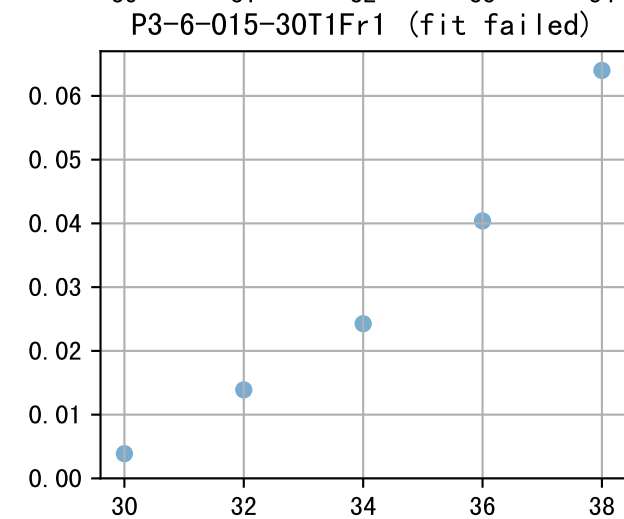
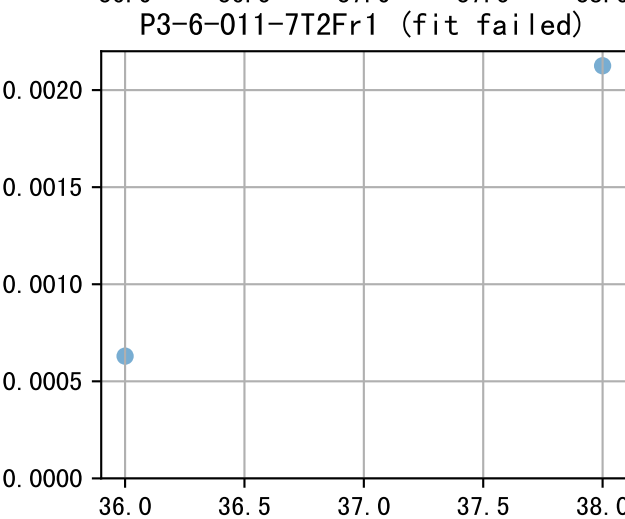
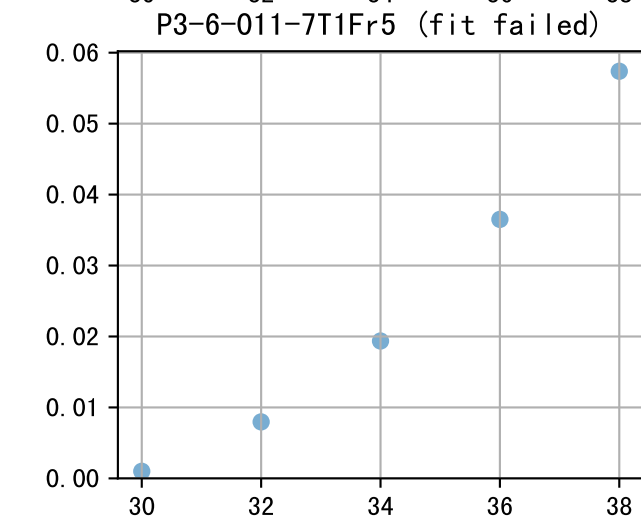
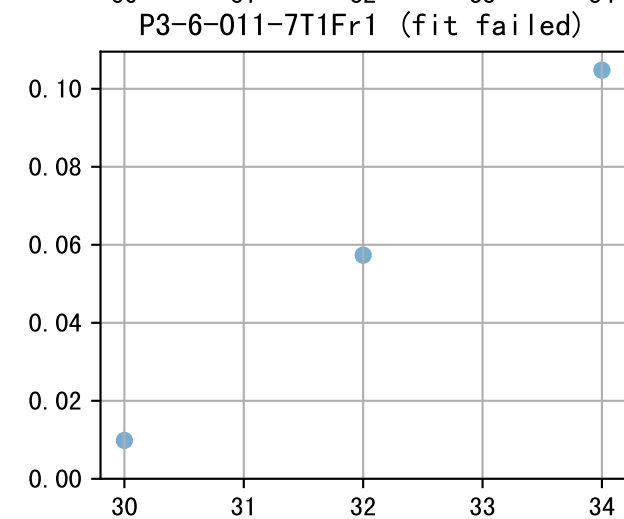
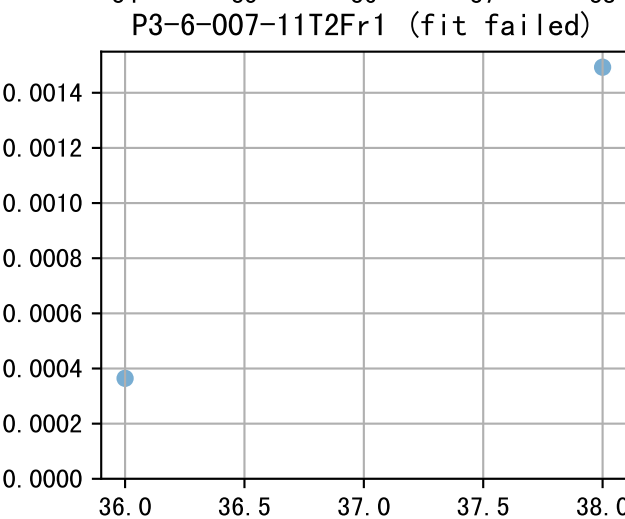
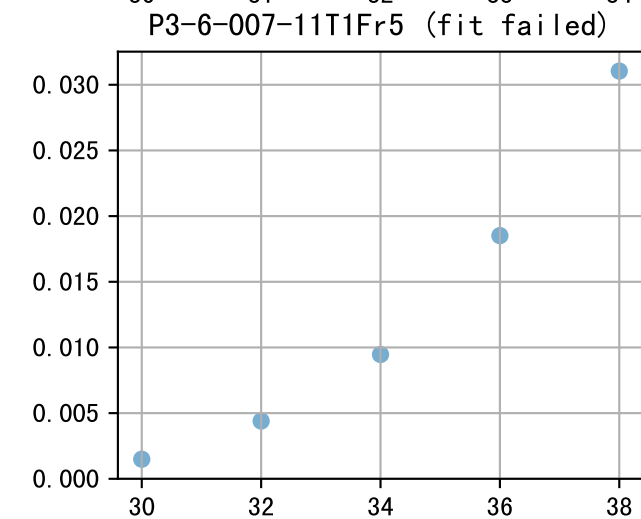
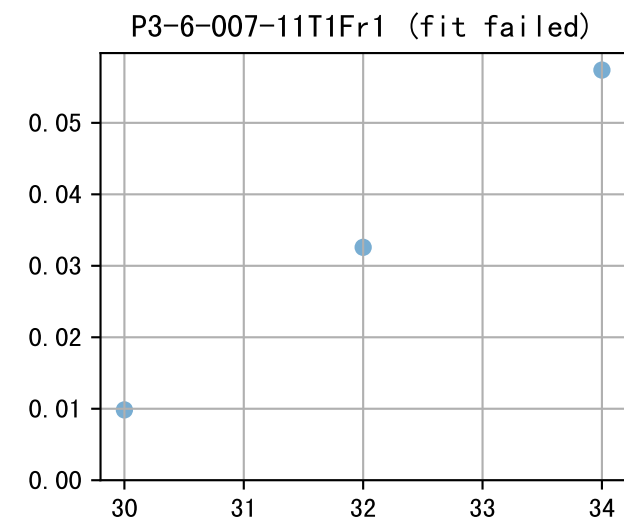
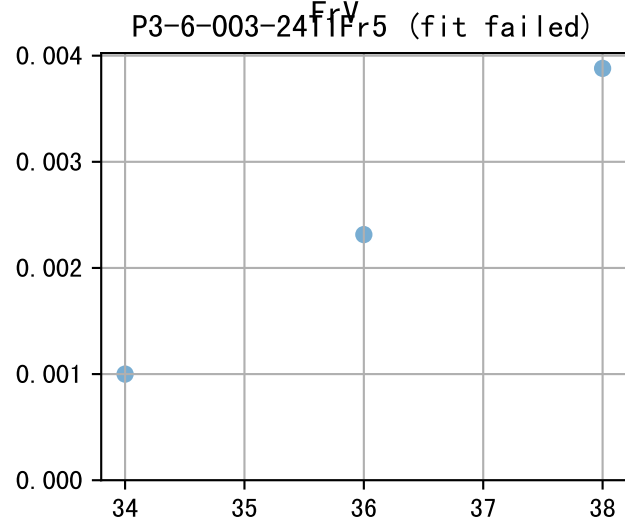
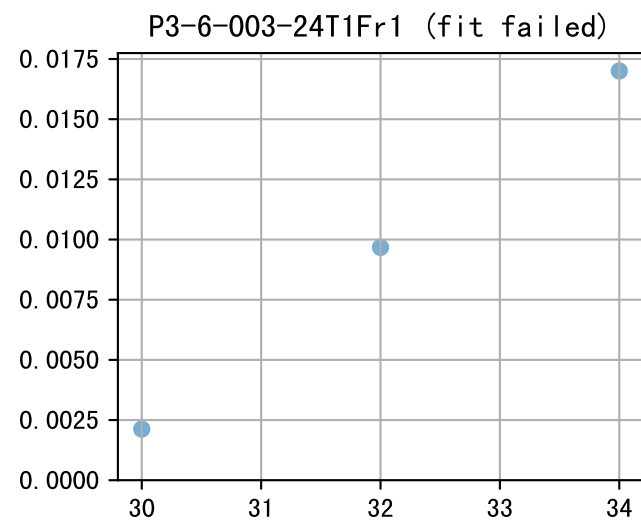
By Start Date



By Plant/Organ Age

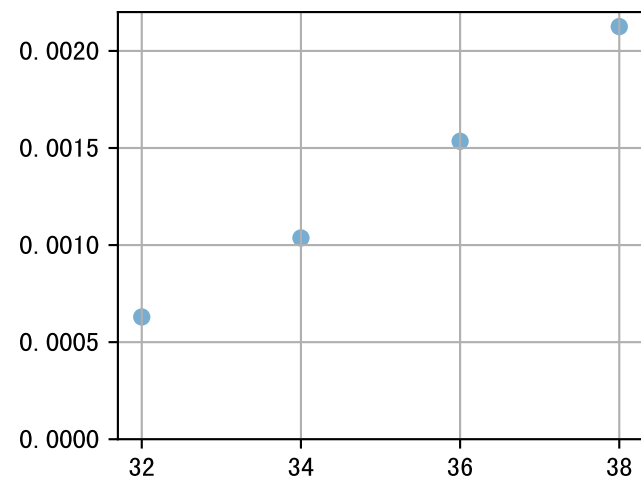


FrV

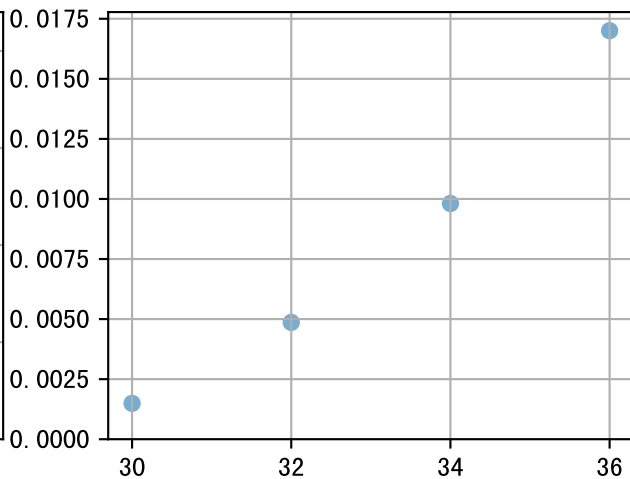


FrV

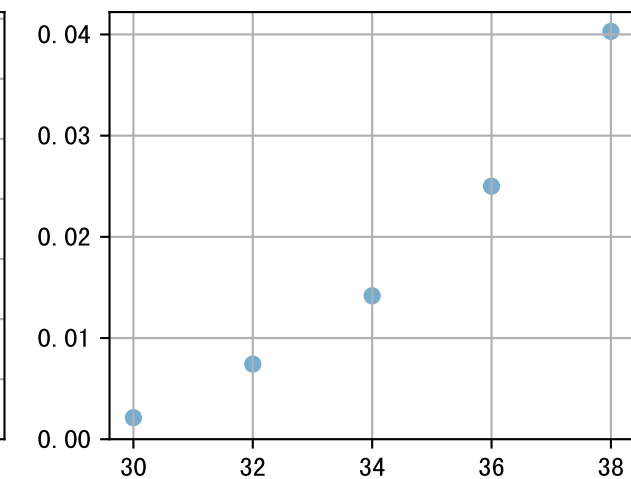
P3-6-015-30T1Fr5 (fit failed)



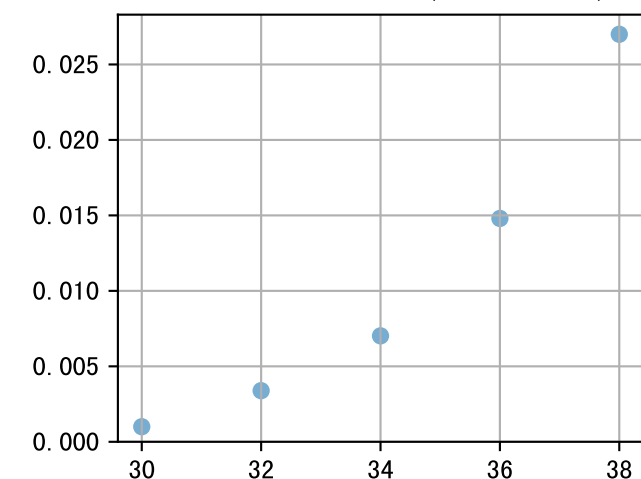
P3-6-019-12T1Fr1 (fit failed)



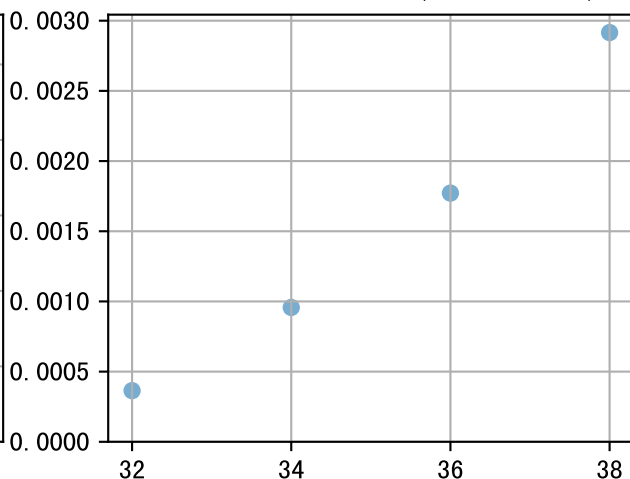
P3-6-024-25T1Fr1 (fit failed)



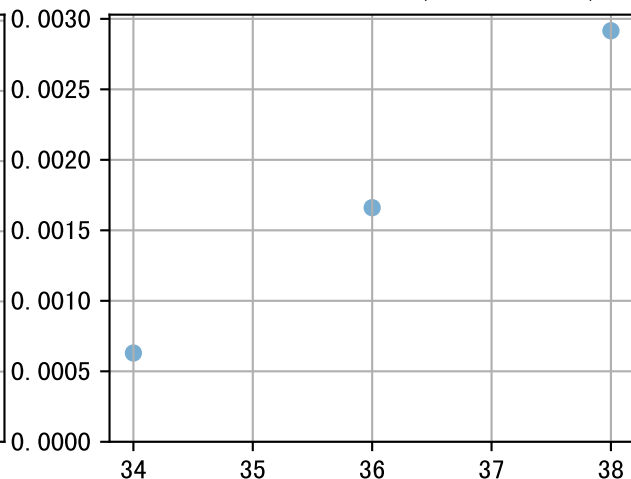
P3-6-024-25T1Fr5 (fit failed)



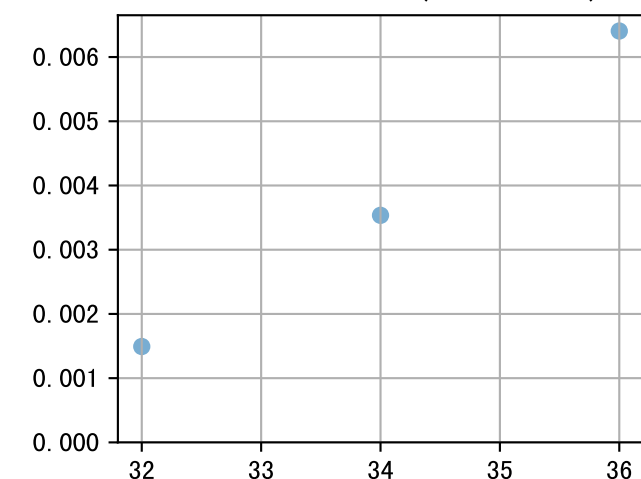
P3-6-028-32T1Fr1 (fit failed)



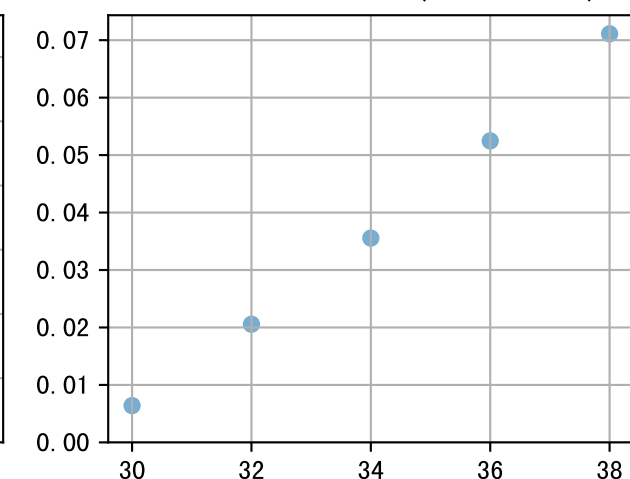
P3-6-028-32T1Fr5 (fit failed)



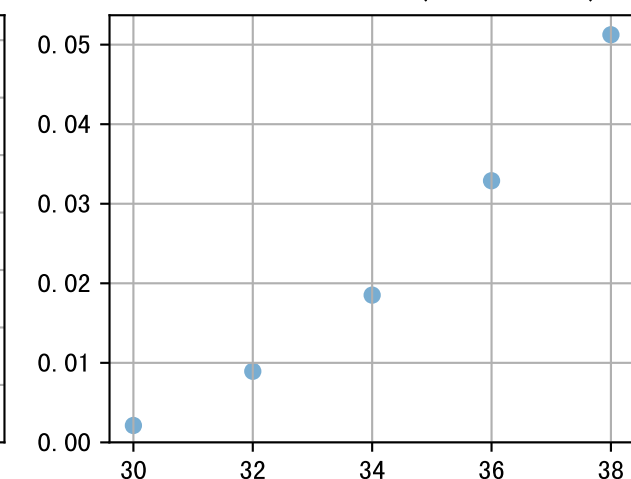
P3-6-033-9T1Fr1 (fit failed)



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

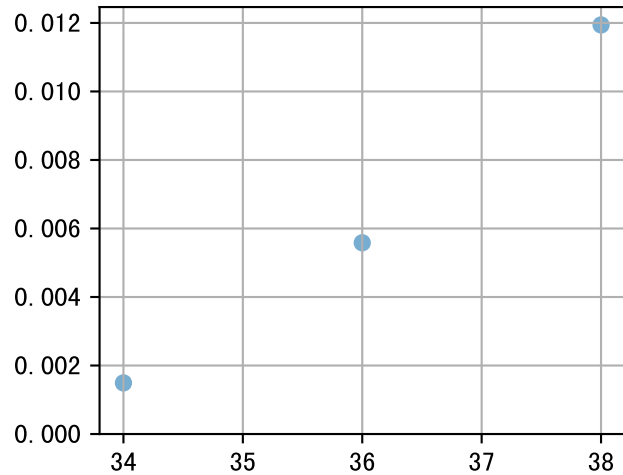


P3-6-038-21T1Fr5 (fit failed)

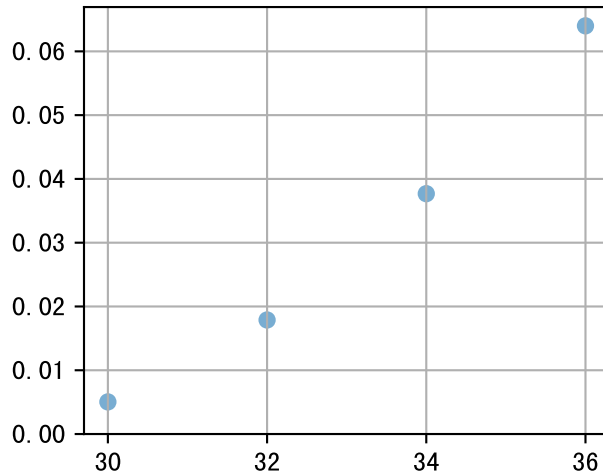


FrV

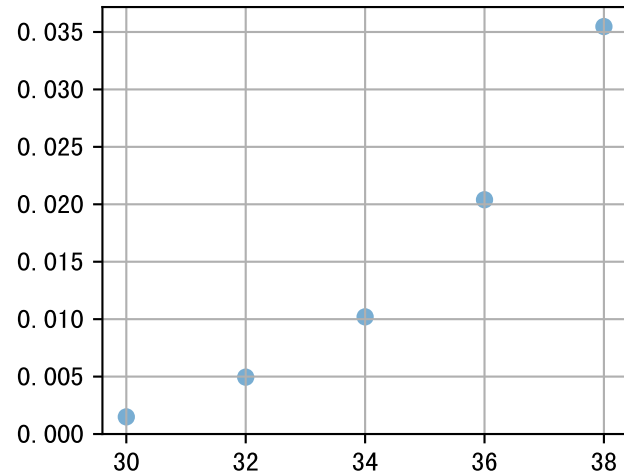
P3-6-038-21T2Fr1 (fit failed)



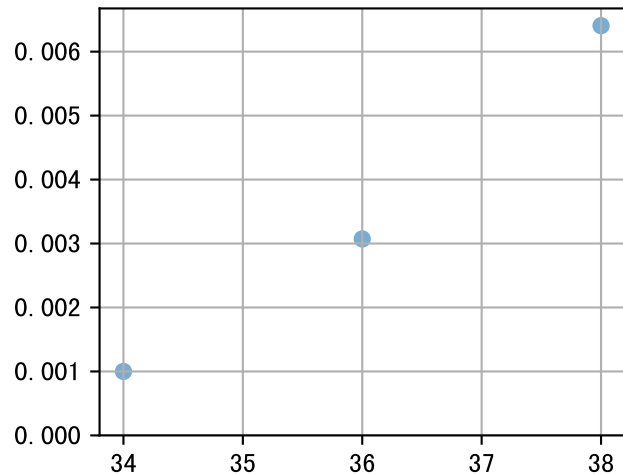
P3-6-042-4T1Fr1 (fit failed)



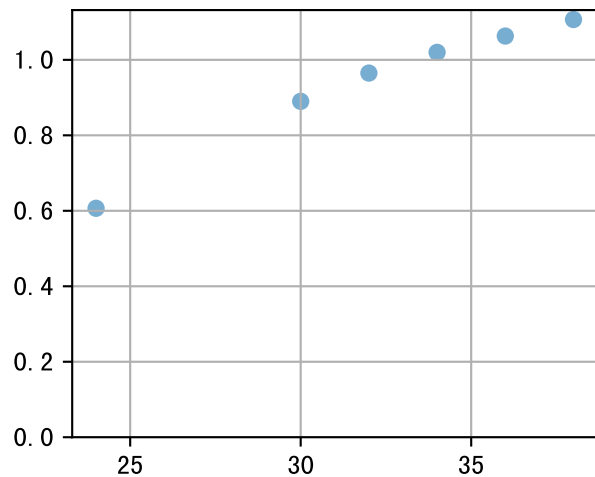
P3-6-042-4T1Fr5 (fit failed)



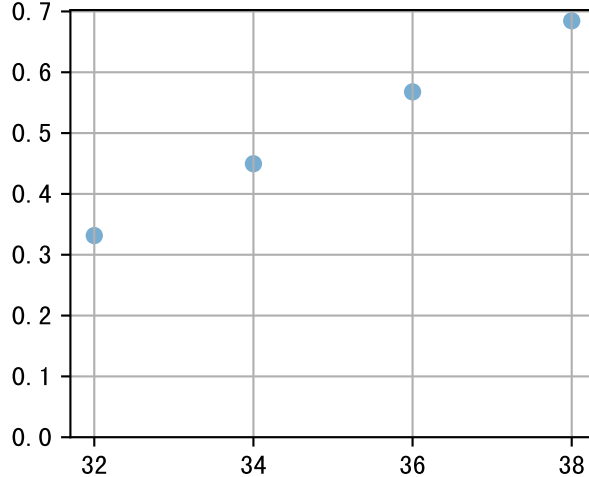
P3-6-042-4T2Fr1 (fit failed)



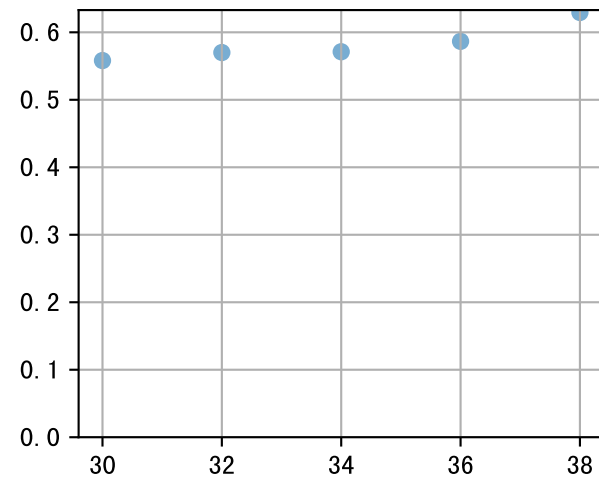
P3-6-003-24L6 (fit failed)



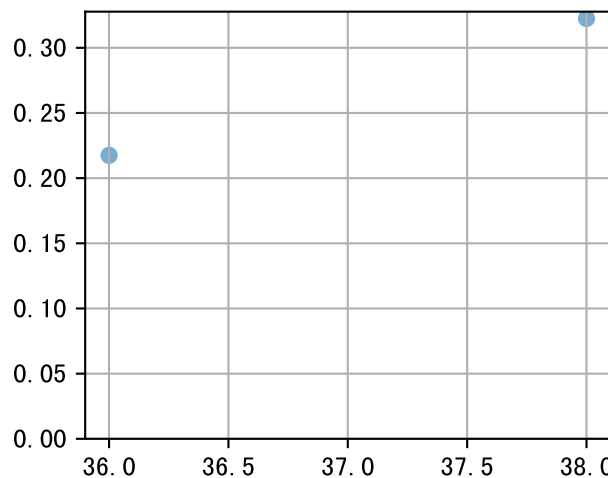
P3-6-003-24L9 (fit failed)



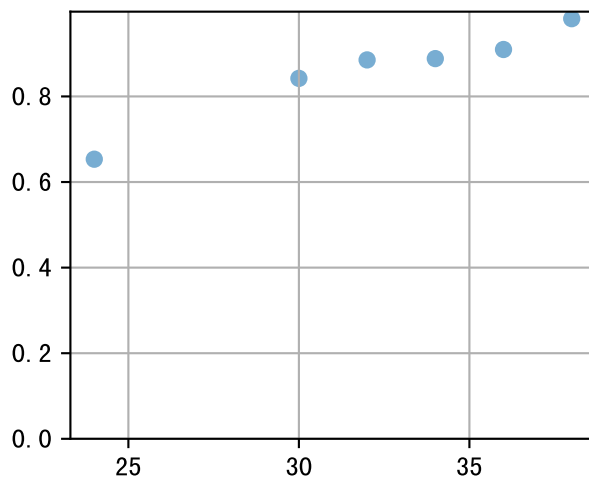
P3-6-007-11L10 (fit failed)



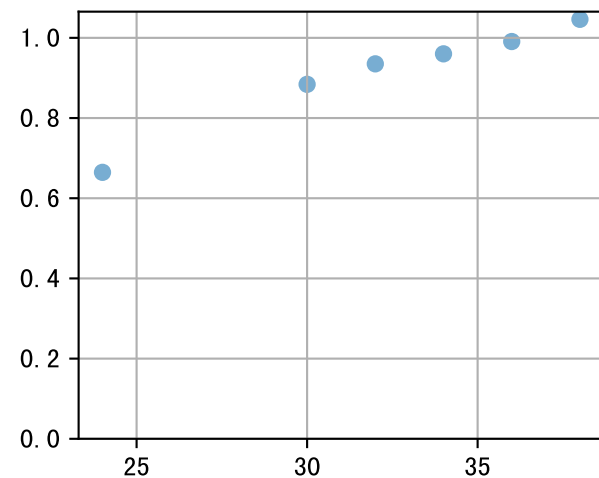
P3-6-007-11L13 (fit failed)



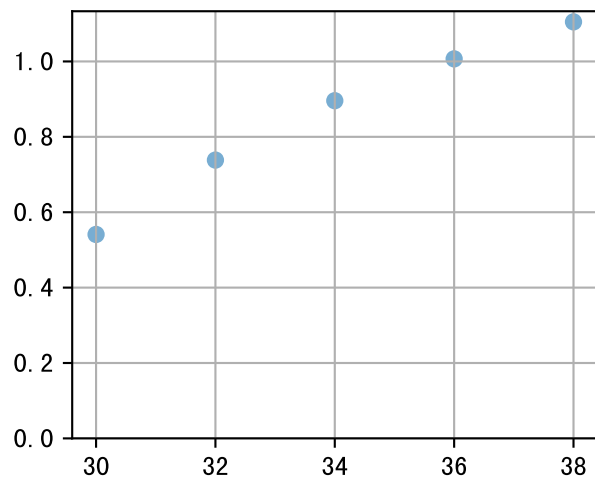
P3-6-007-11L7 (fit failed)



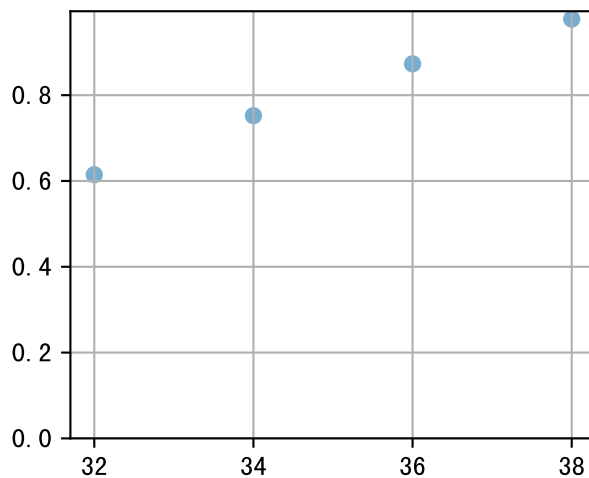
P3-6-011-7L6 (fit failed)



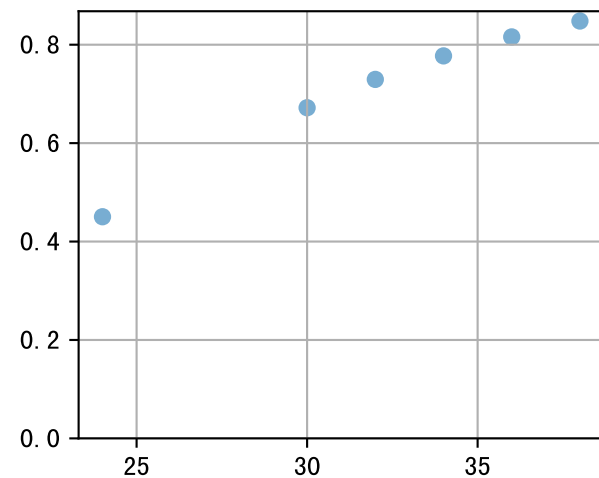
P3-6-011-7L9 (fit failed)



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

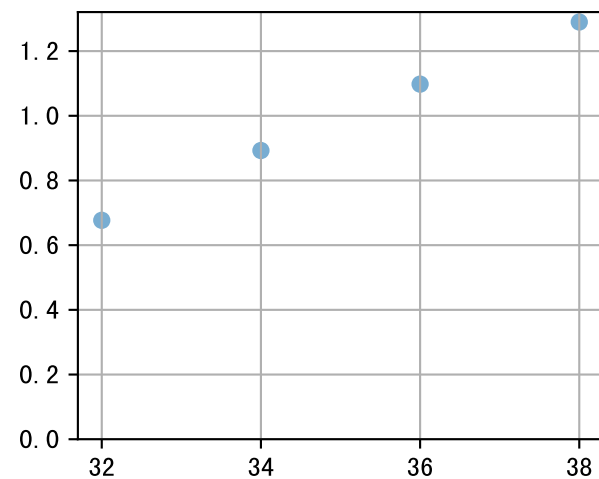


P3-6-015-30L6 (fit failed)

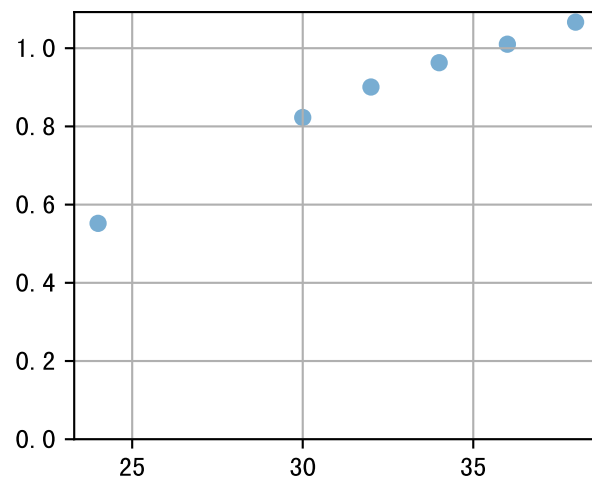


1fA

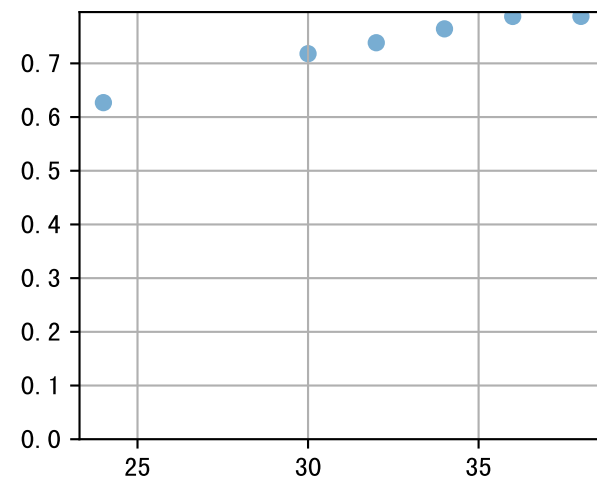
P3-6-019-12L10 (fit failed)



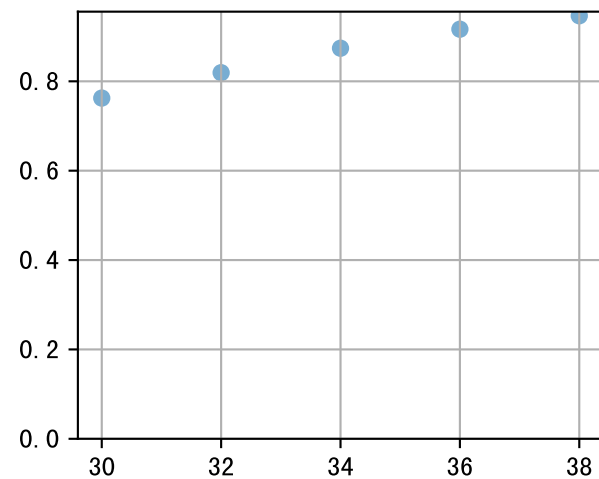
P3-6-019-12L7 (fit failed)



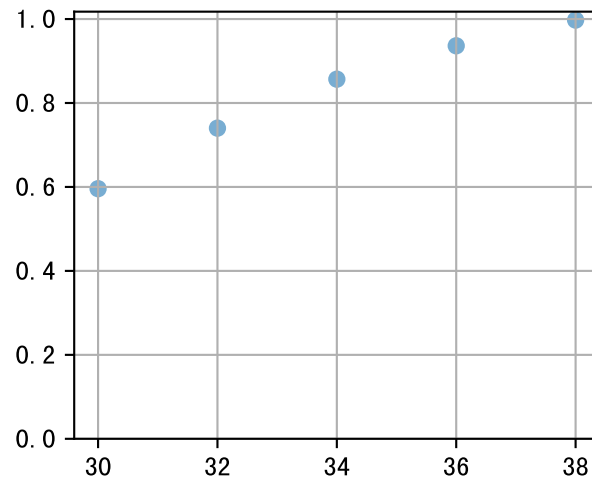
P3-6-024-25L6 (fit failed)



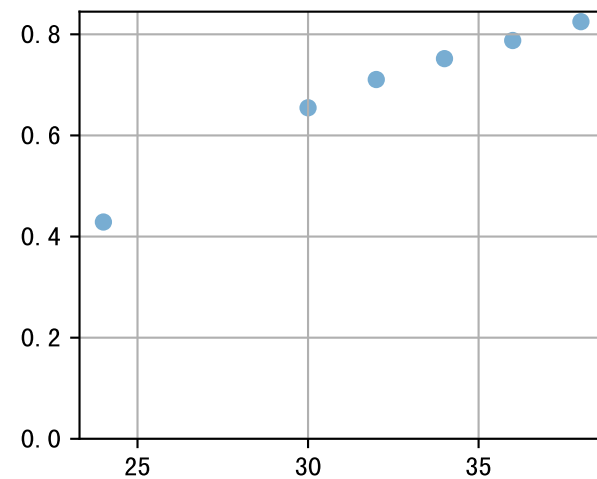
P3-6-024-25L9 (fit failed)



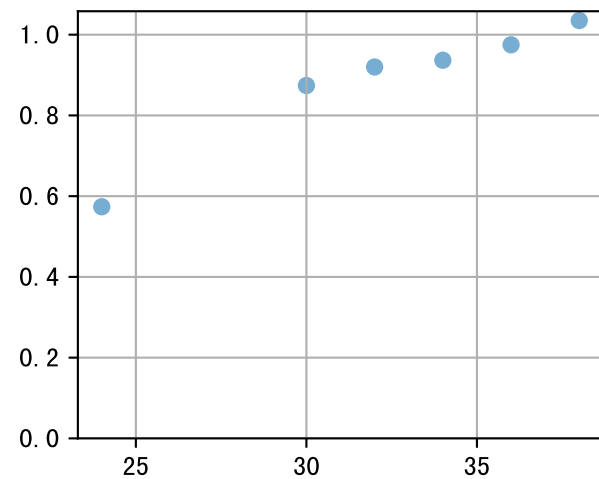
P3-6-028-32L10 (fit failed)



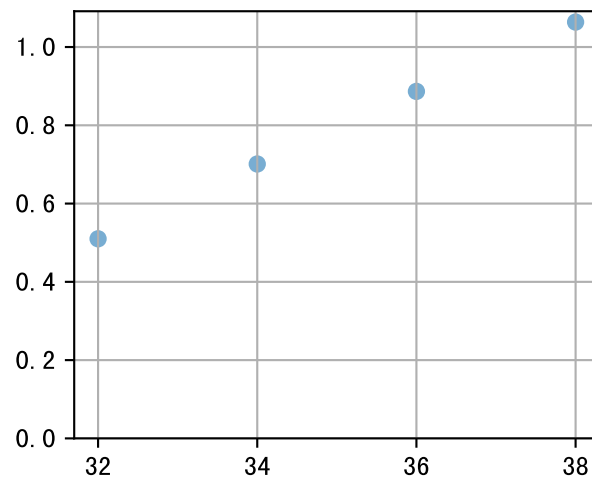
P3-6-028-32L7 (fit failed)



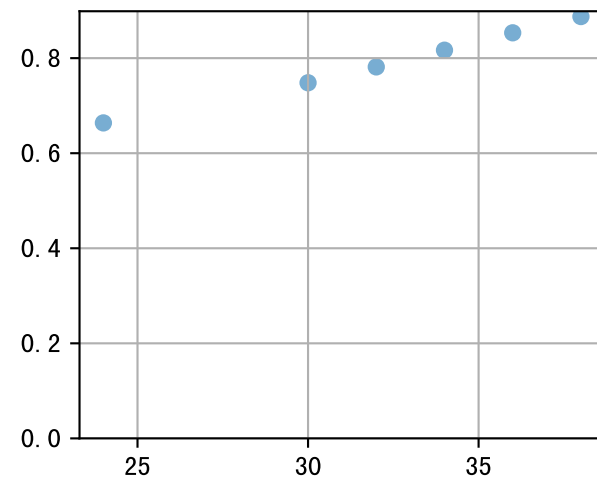
P3-6-033-9L6 (fit failed)



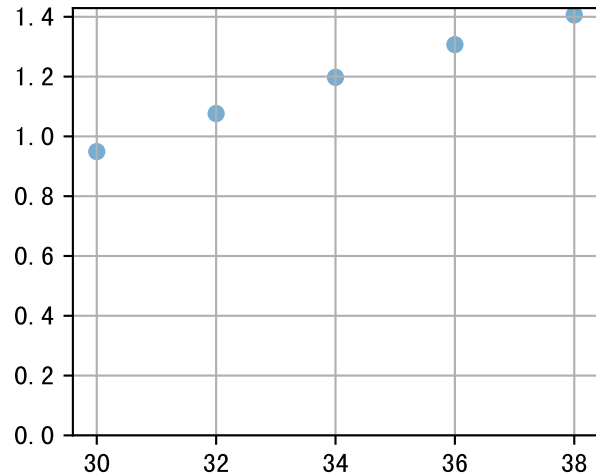
P3-6-033-9L9 (fit failed)



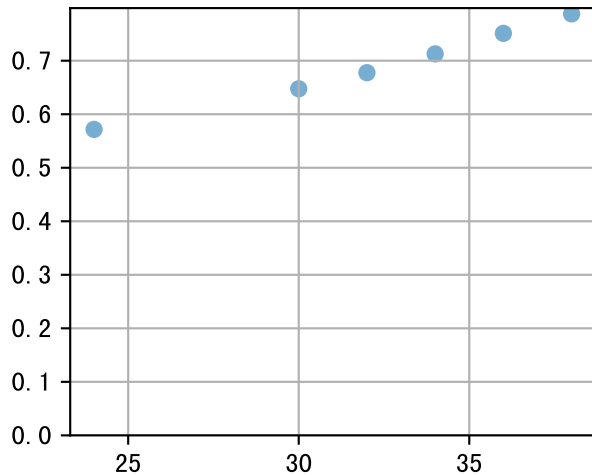
P3-6-038-21L6 (fit failed)



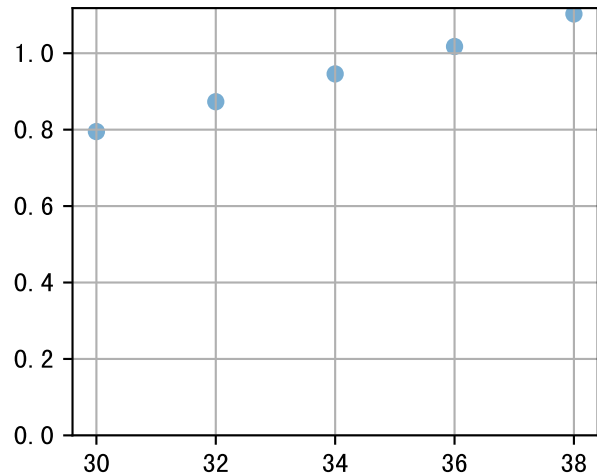
P3-6-038-21L9 (fit failed)

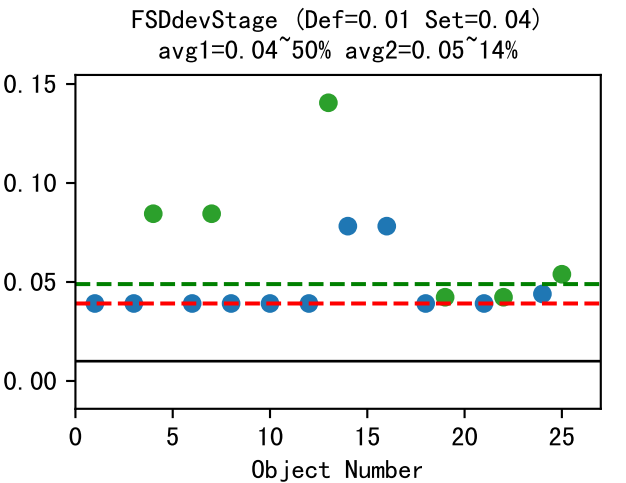
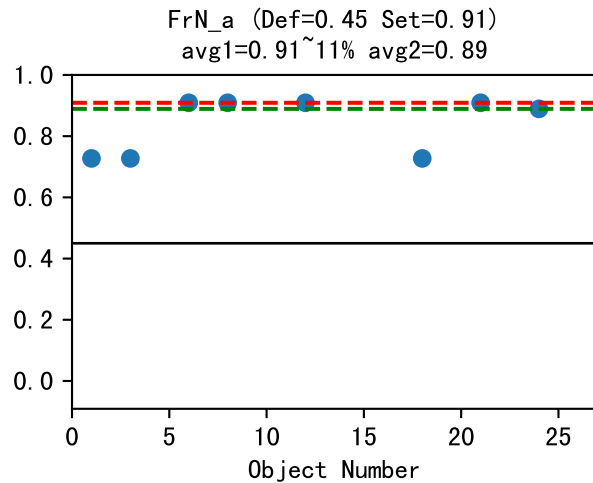
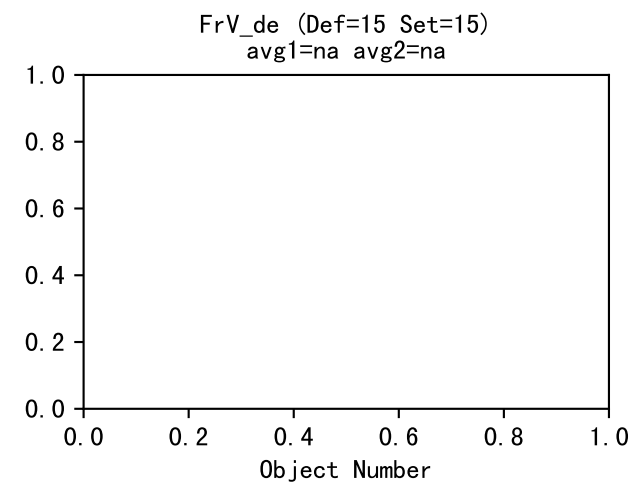
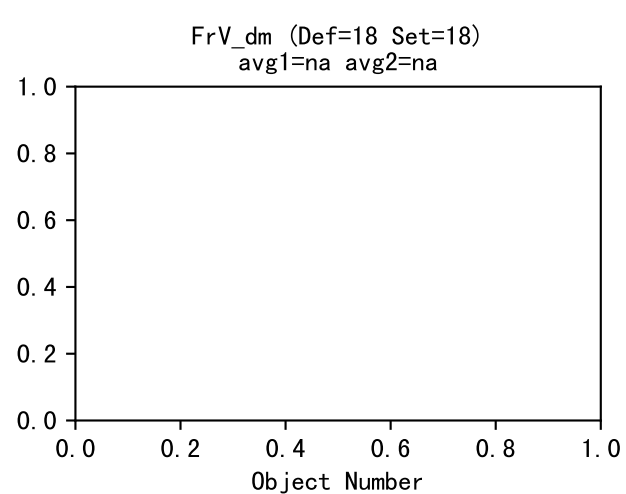
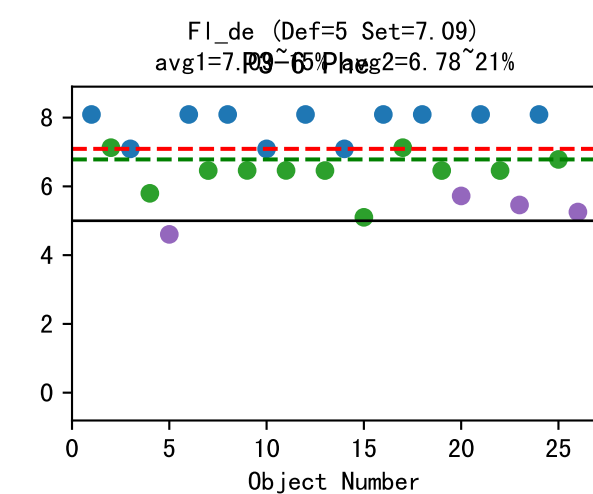
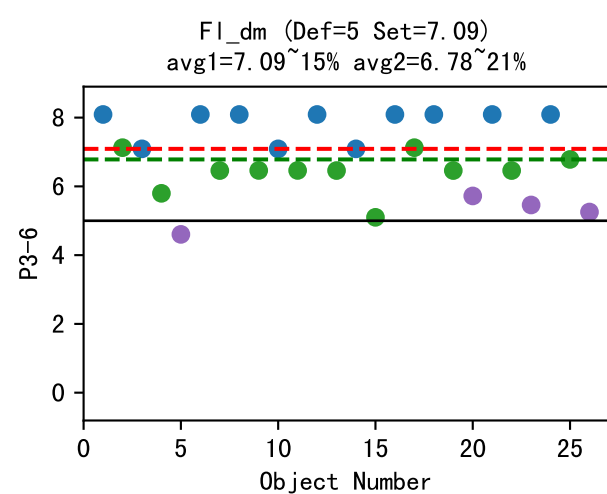


P3-6-042-4L6 (fit failed)

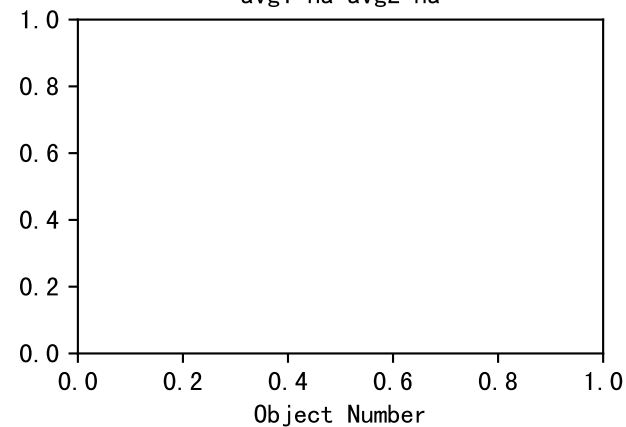


P3-6-042-4L9 (fit failed)

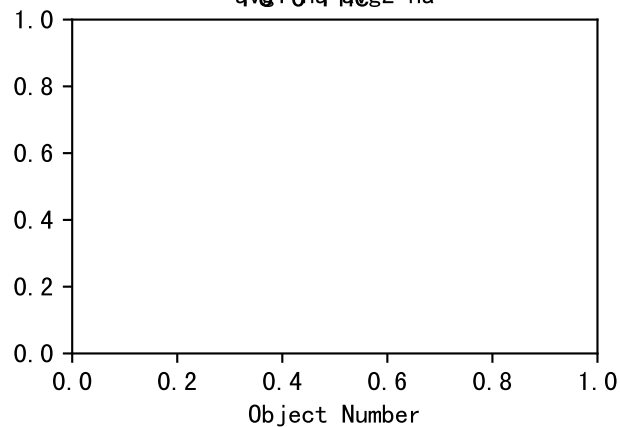




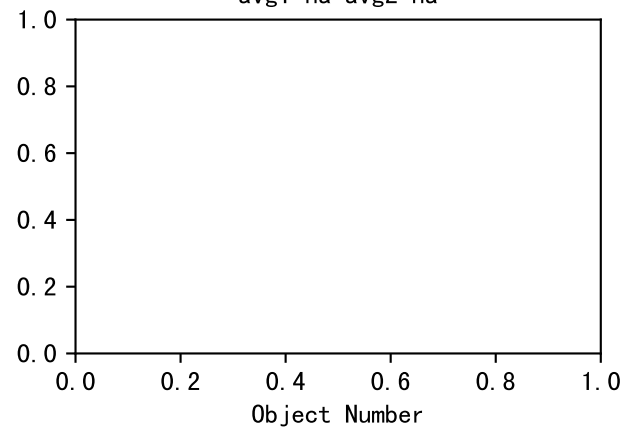
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



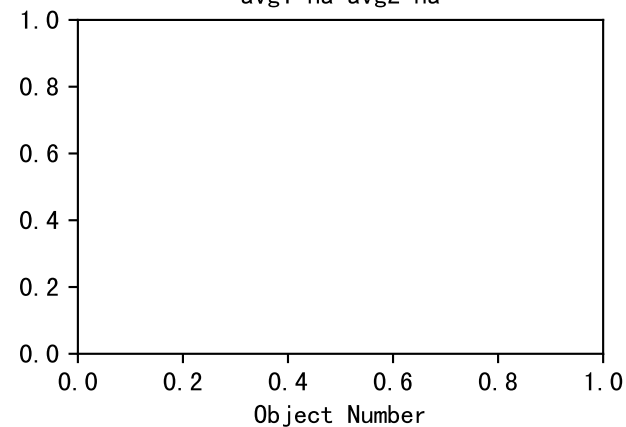
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



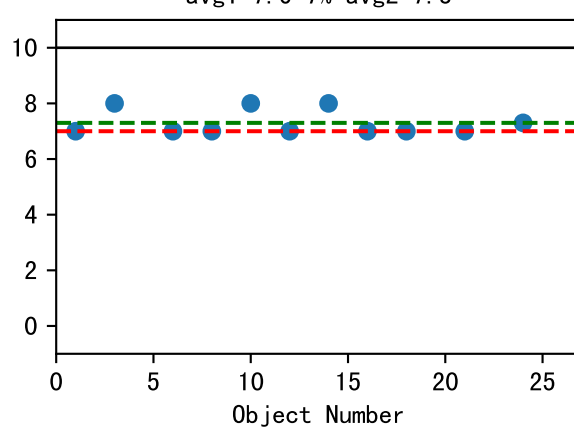
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

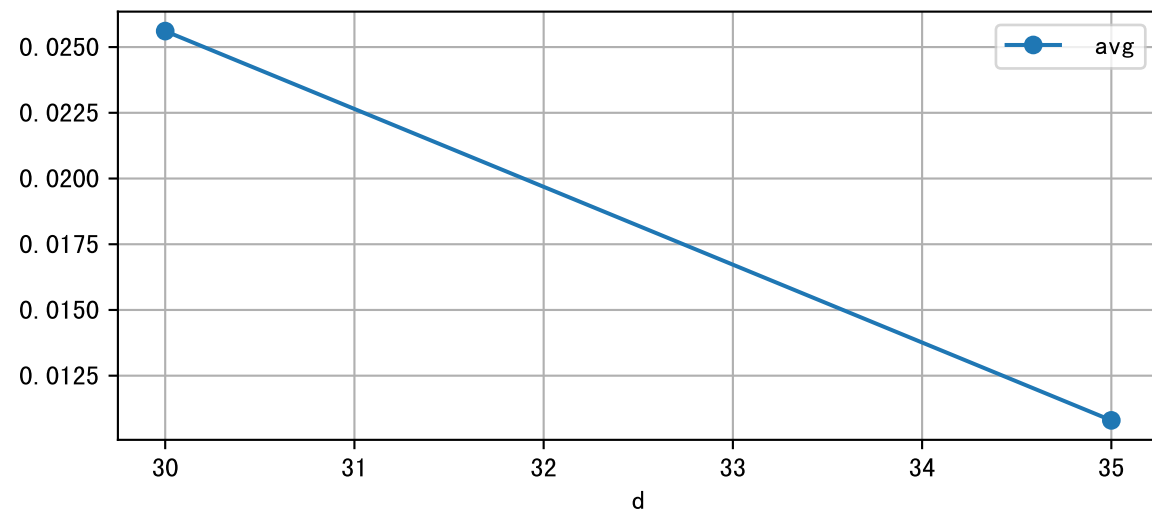


NNgen (Def=10 Set=7)
avg1=7.0~7% avg2=7.3

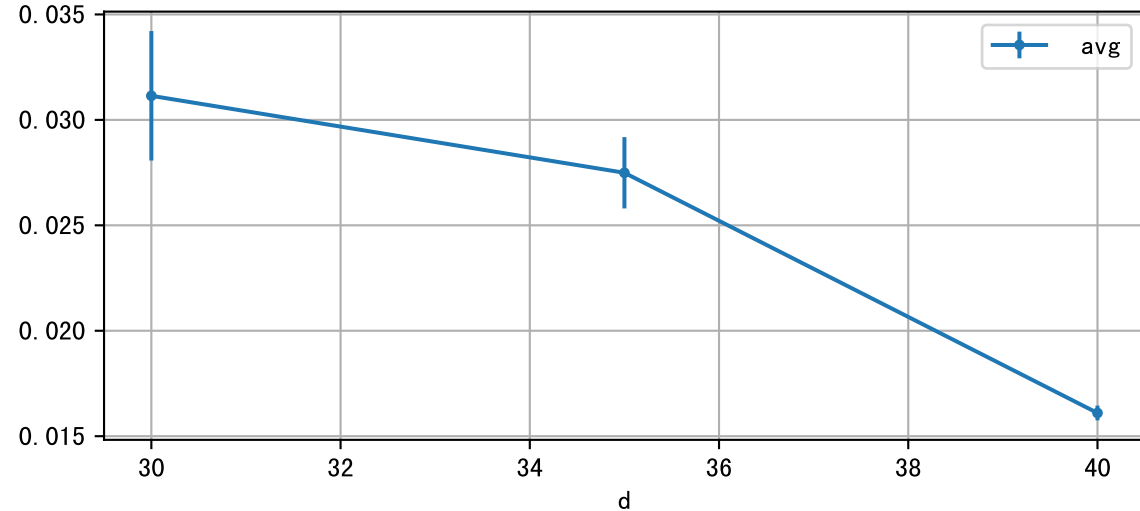


LfA: avg vs. d at each age group

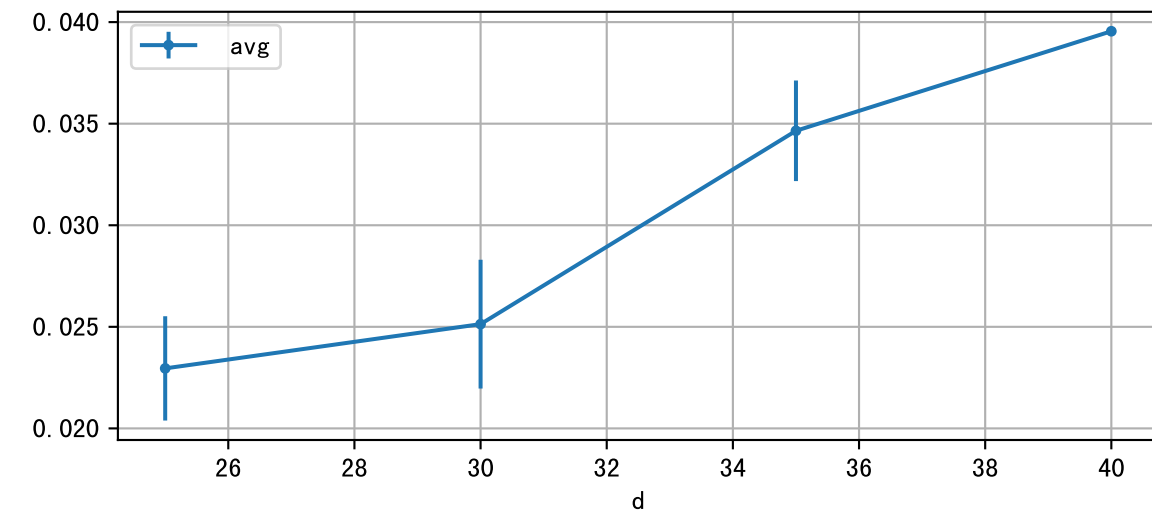
age=15



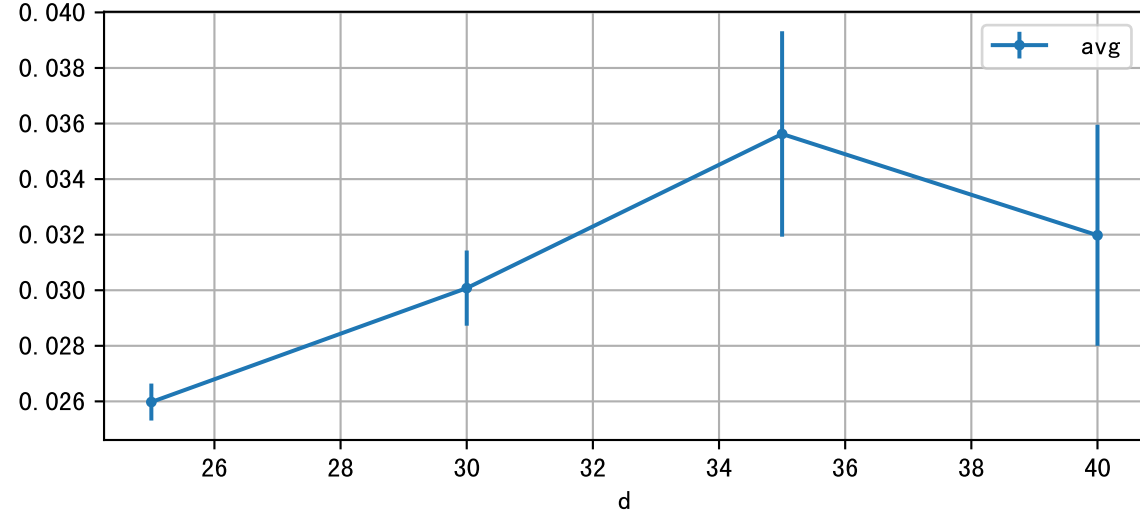
age=20



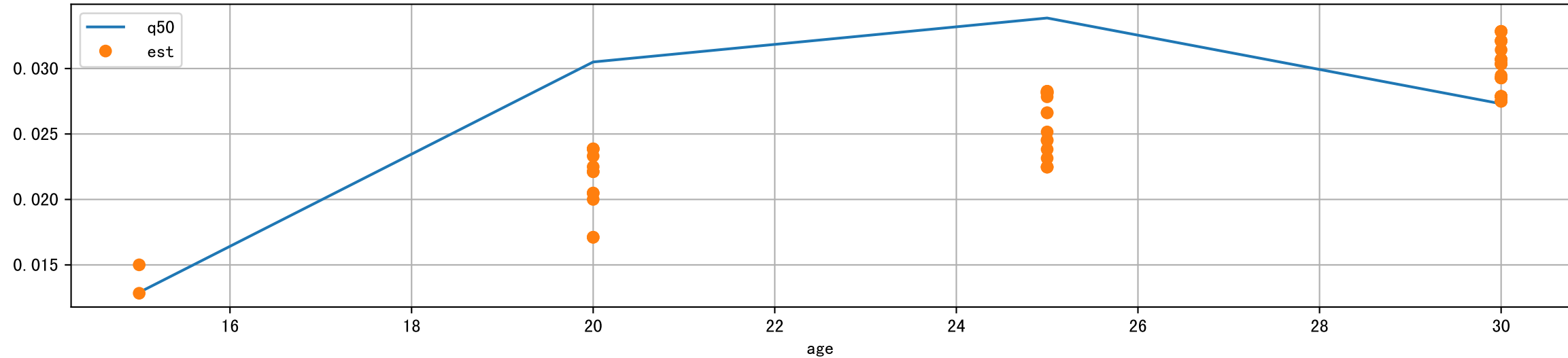
age=25



age=30

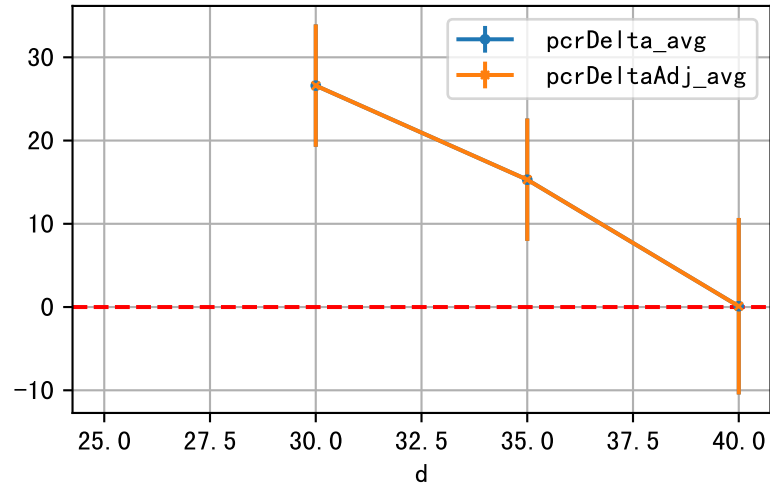


LfA: model est vs obs0v@Q50

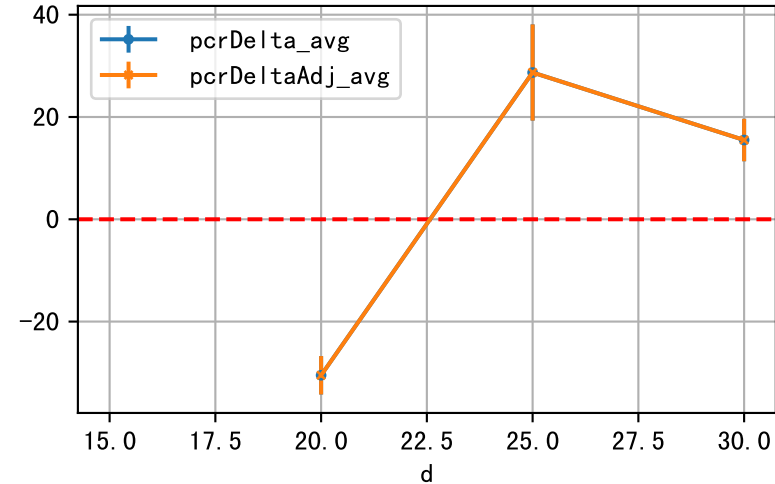


P3-6 LfA: D_5d_LfA

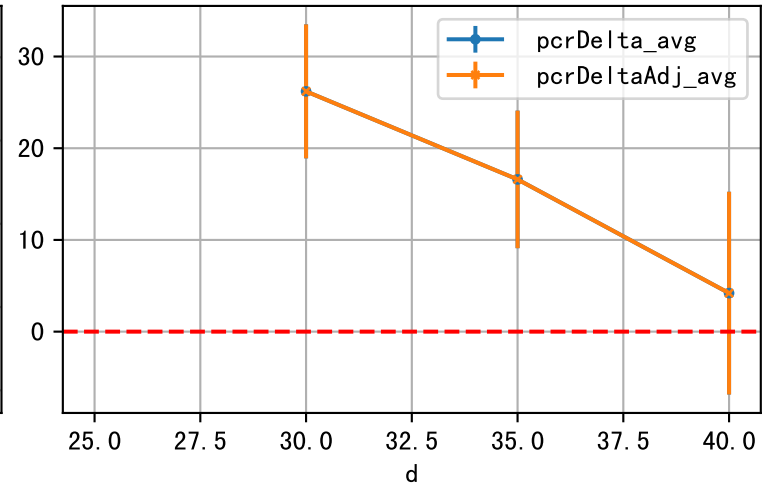
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

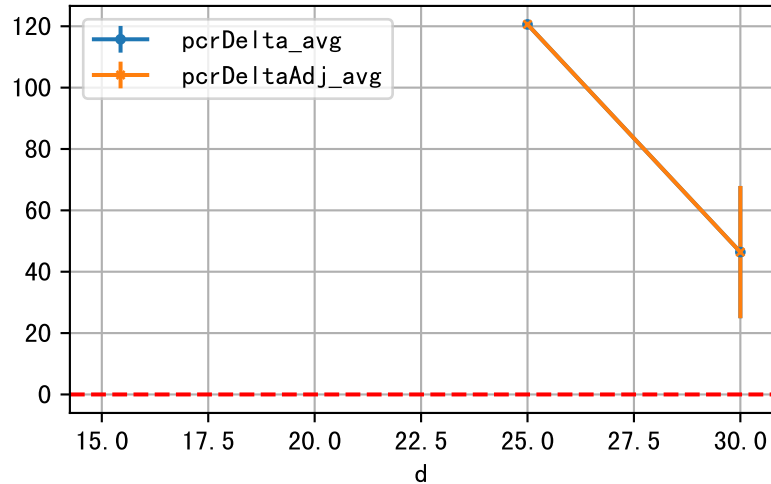


DeltaTypeAbbr=Wei AvgByD

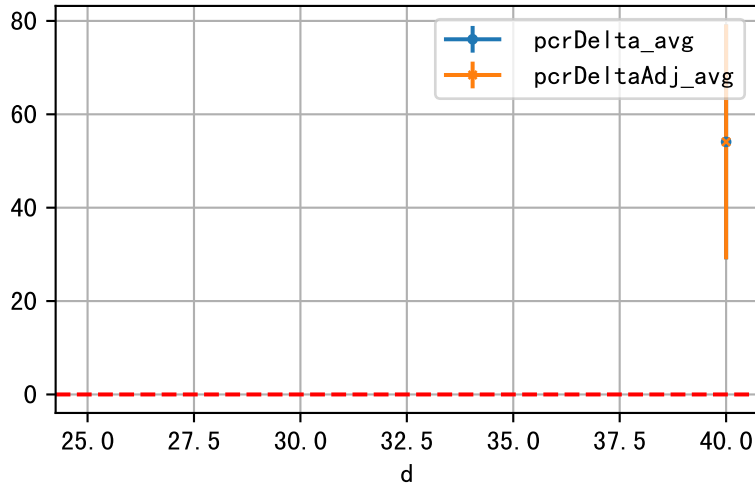


P3-6 LfA: D_15d_LfA

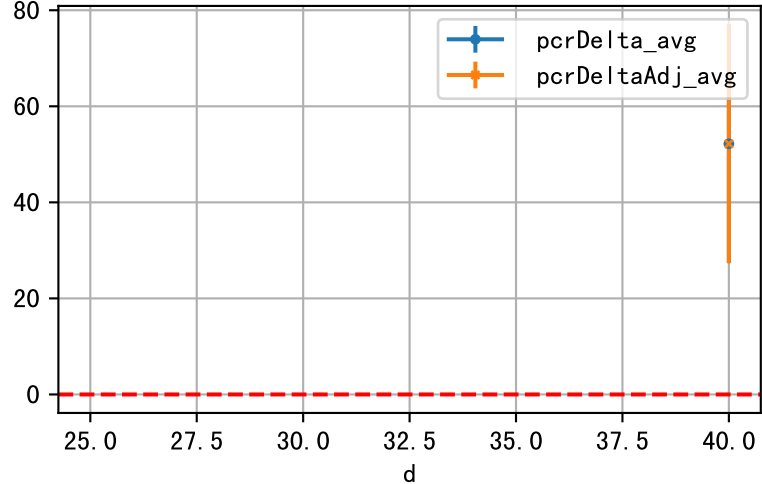
DeltaTypeAbbr=GrpByAge



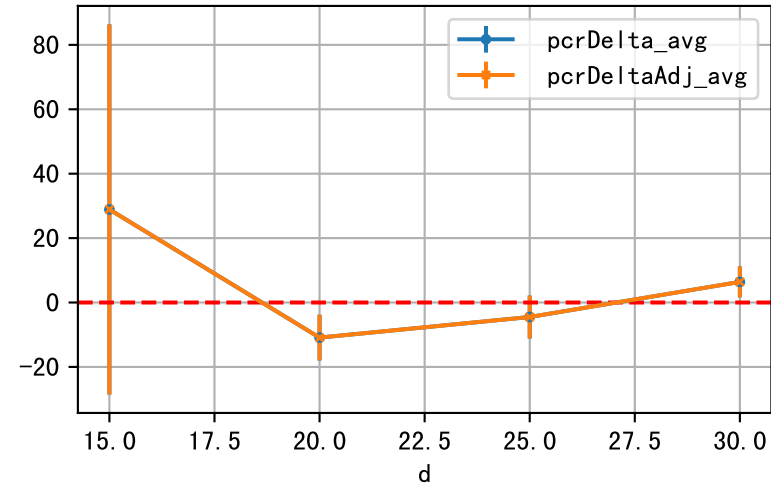
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=Wei AvgByD

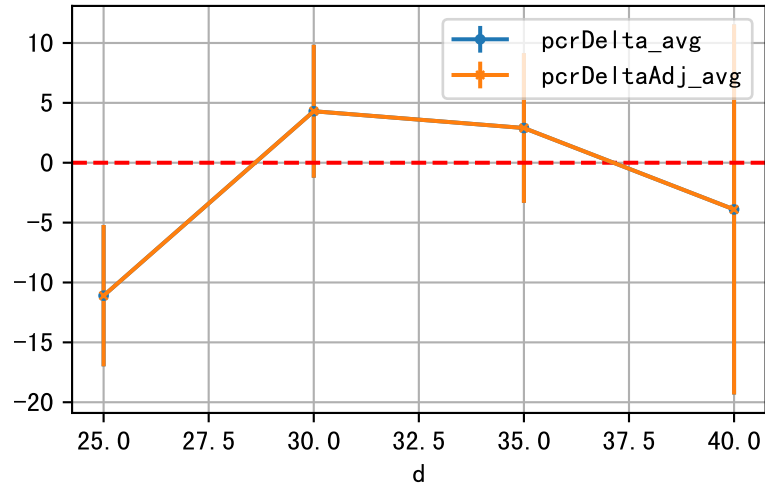


DeltaTypeAbbr=GrpByAge

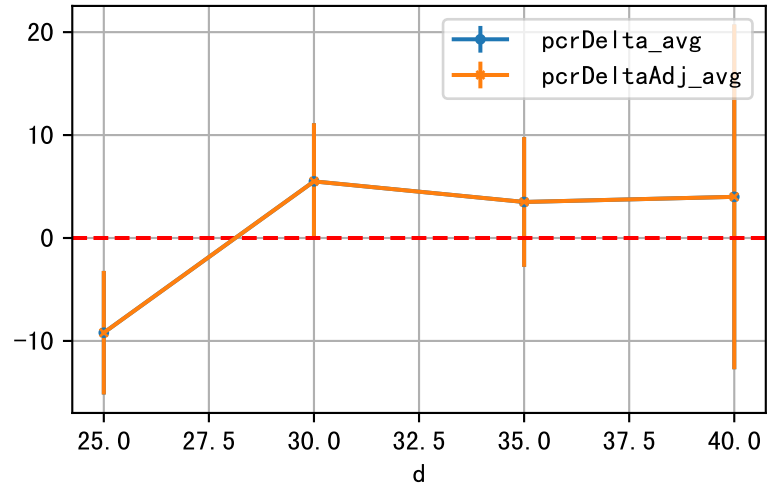


P3-6 LfA: D_Q50_LfA

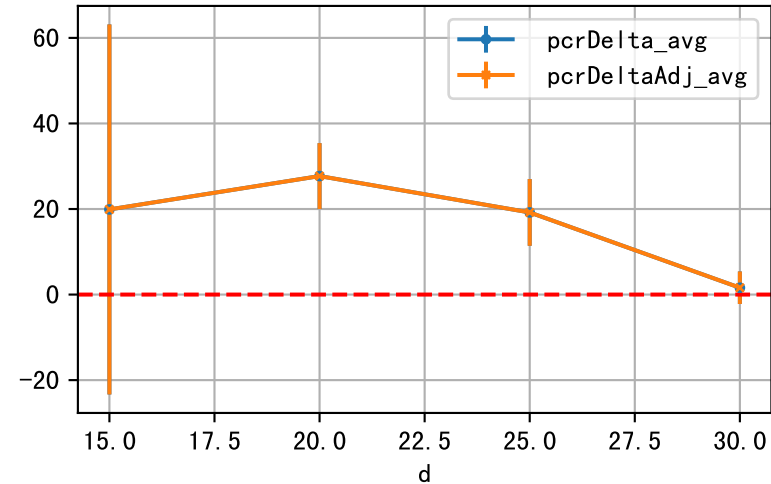
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=Wei AvgByD

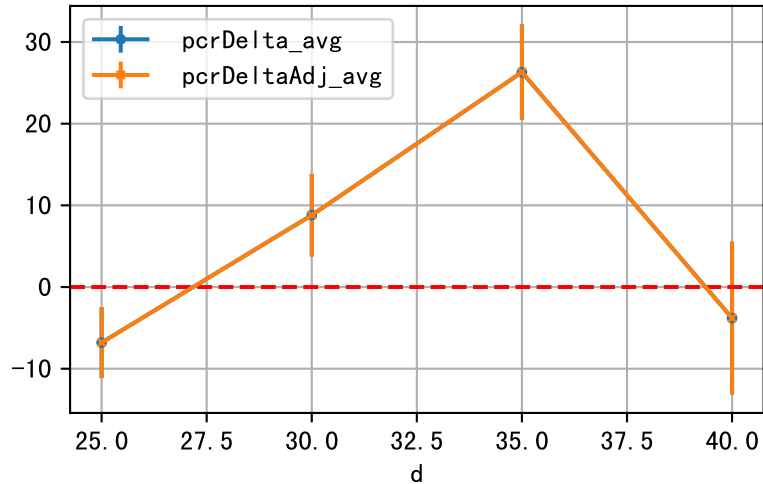


DeltaTypeAbbr=GrpByAge

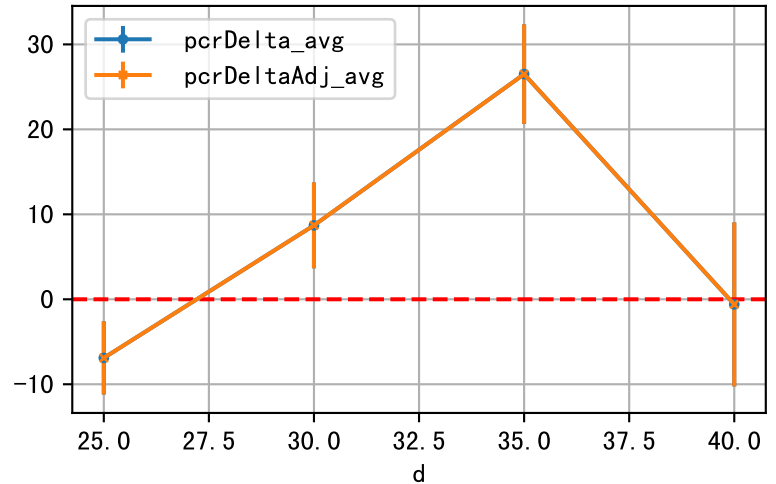


P3-6 LfA: D_Est_LfA

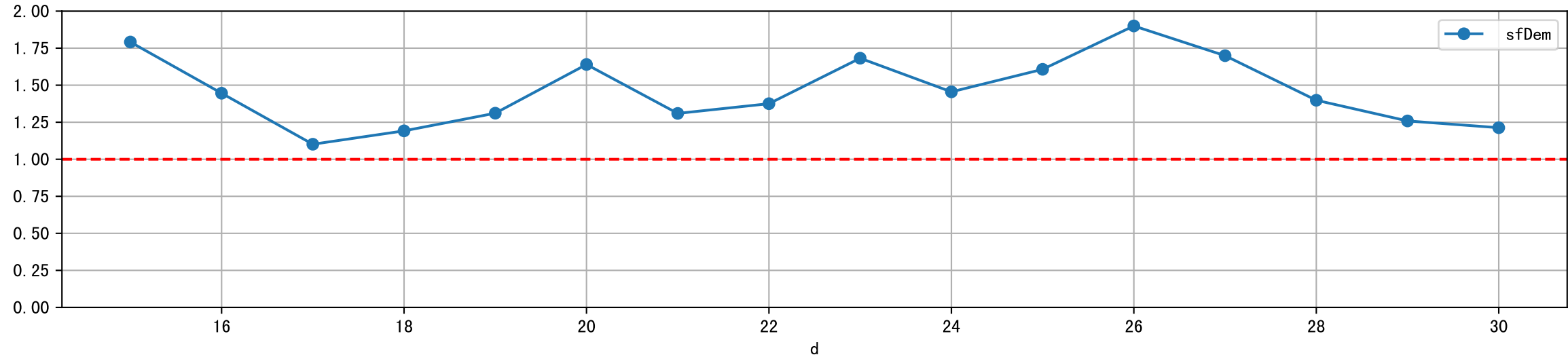
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD



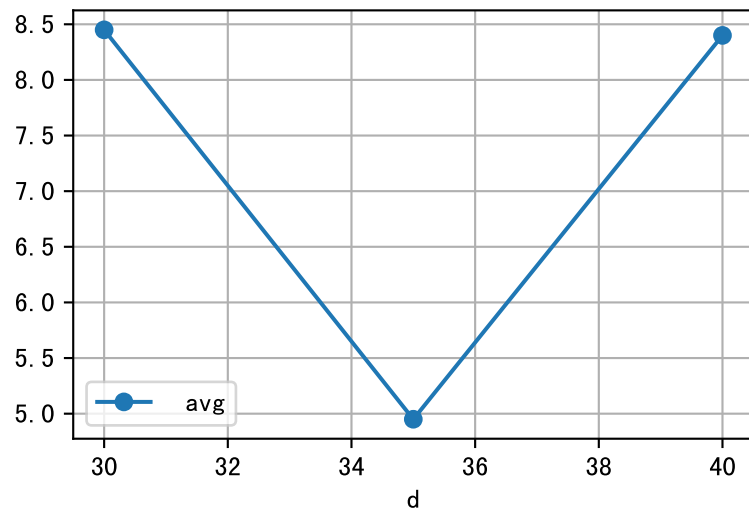
LfA: sfDem



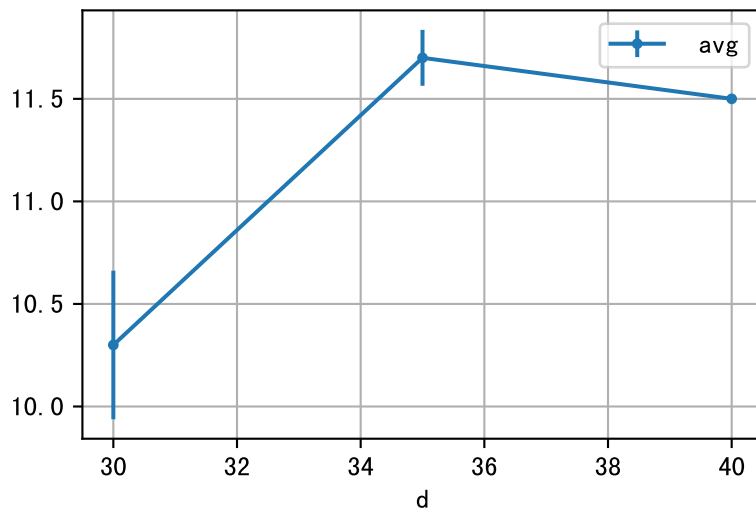


NdD: avg vs. d at each age group

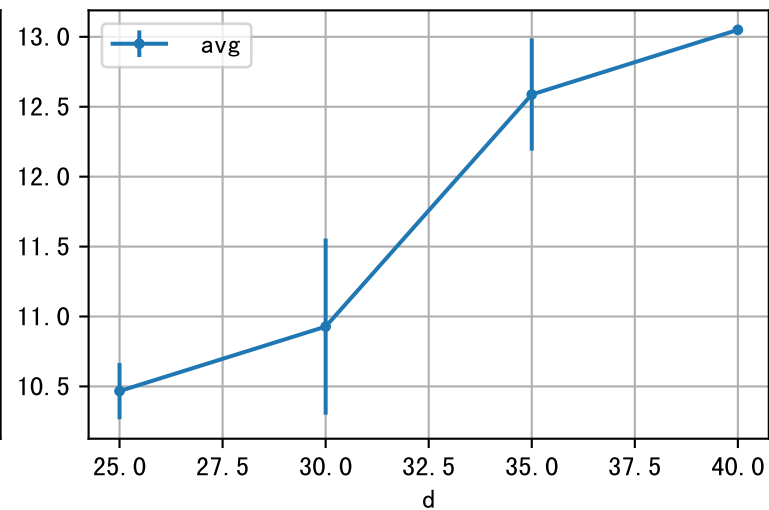
age=15



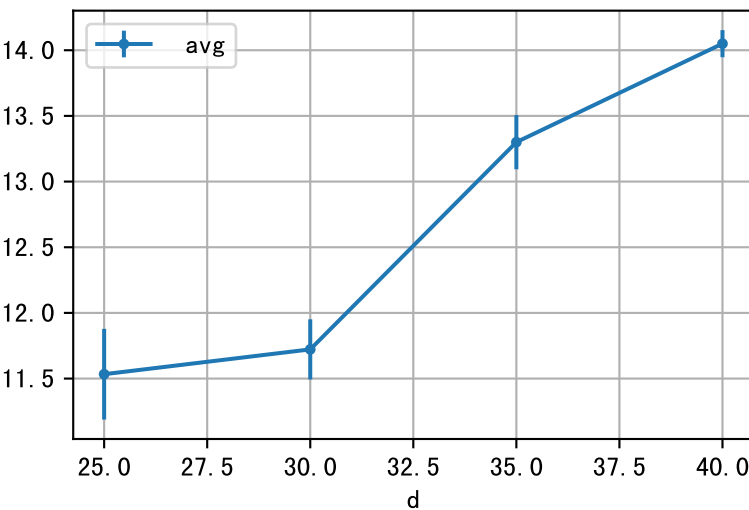
age=20



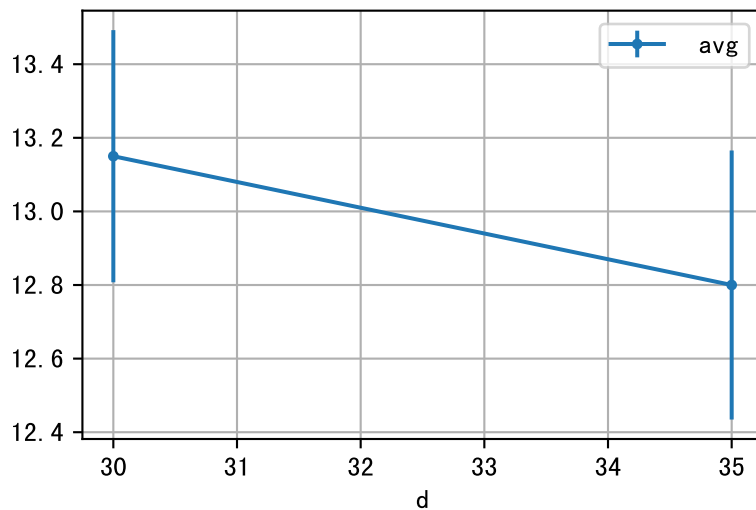
age=25



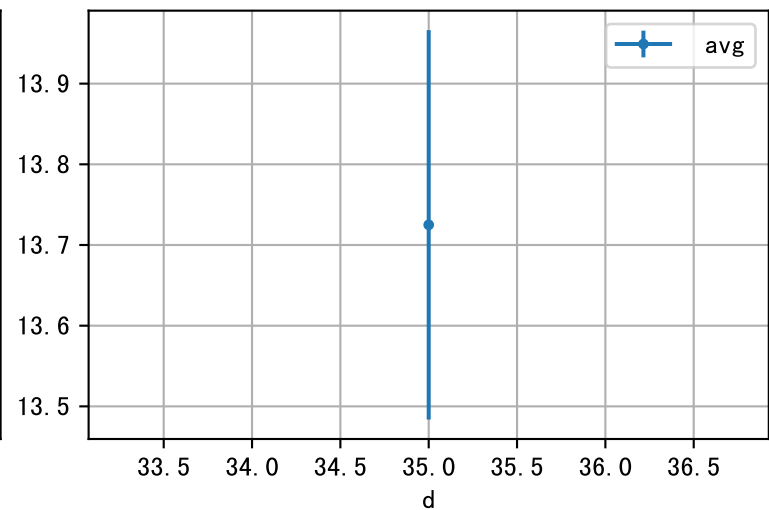
age=30



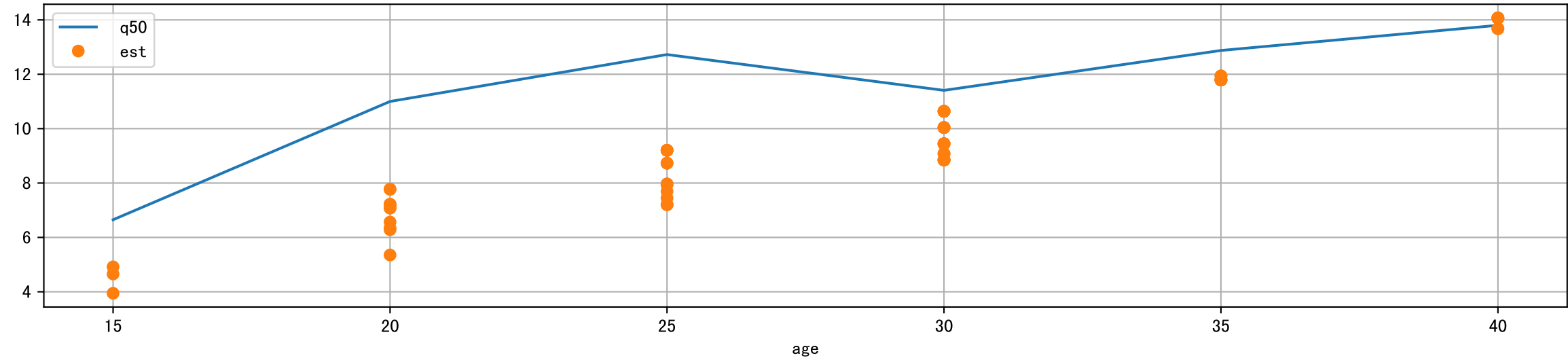
age=35



age=40

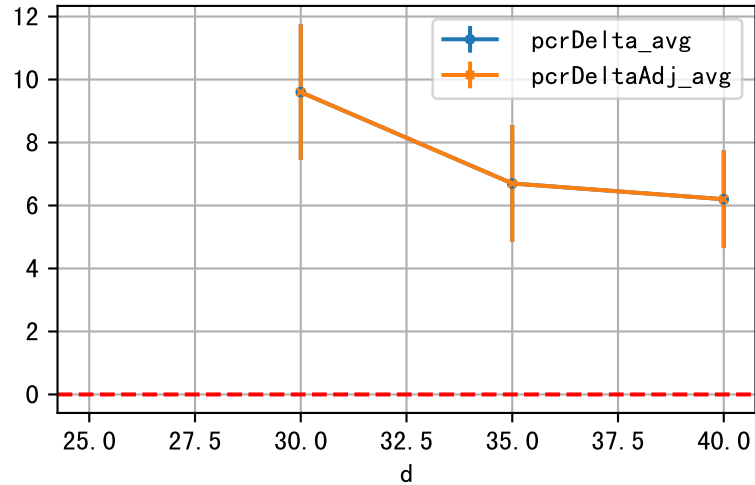


NdD: model est vs obs0v@Q50

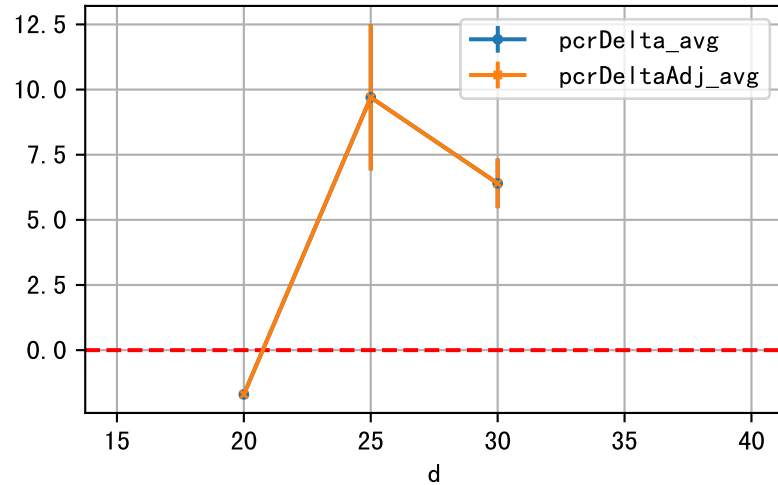


P3-6 NdD: D_5d_NdD

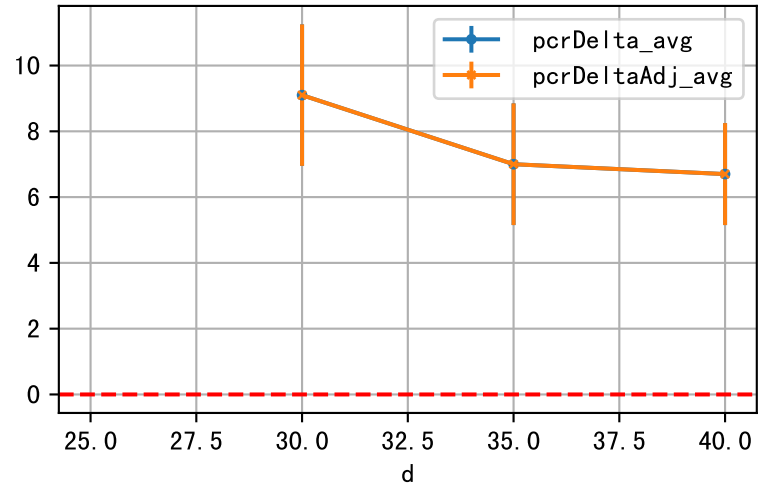
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

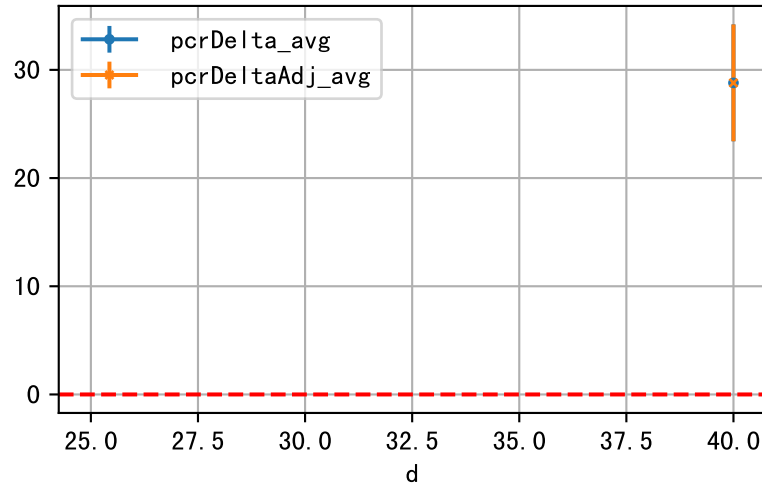


DeltaTypeAbbr=Wei AvgByD

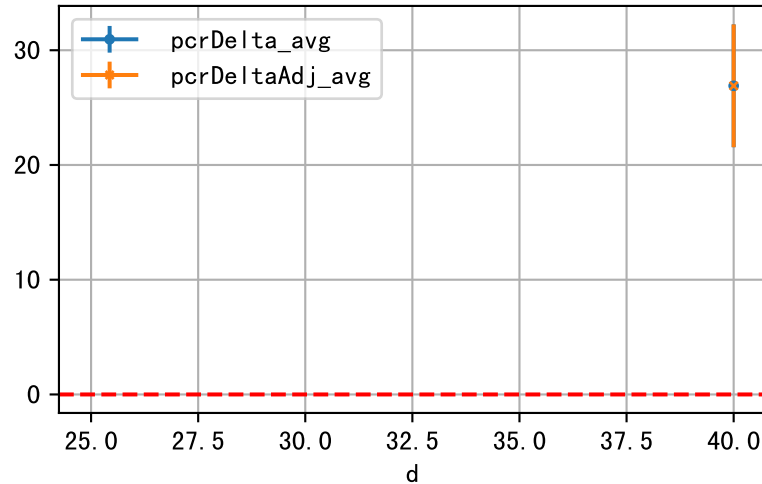


P3-6 NdD: D_15d_NdD

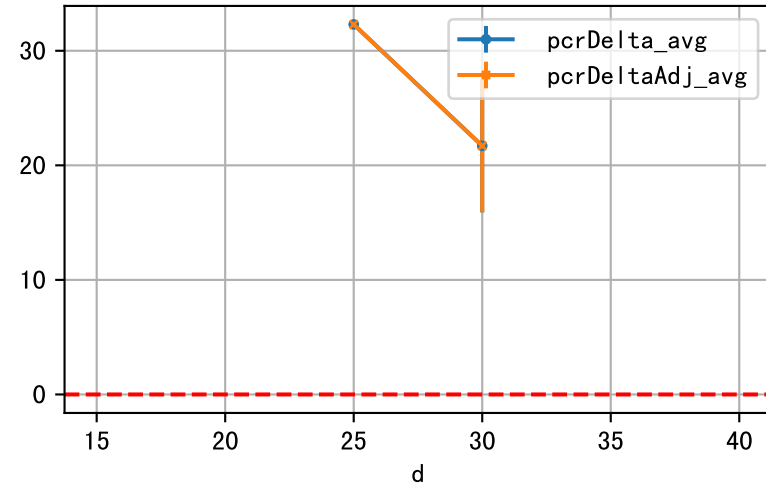
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DeltaTypeAbbr=WeiAvgByD

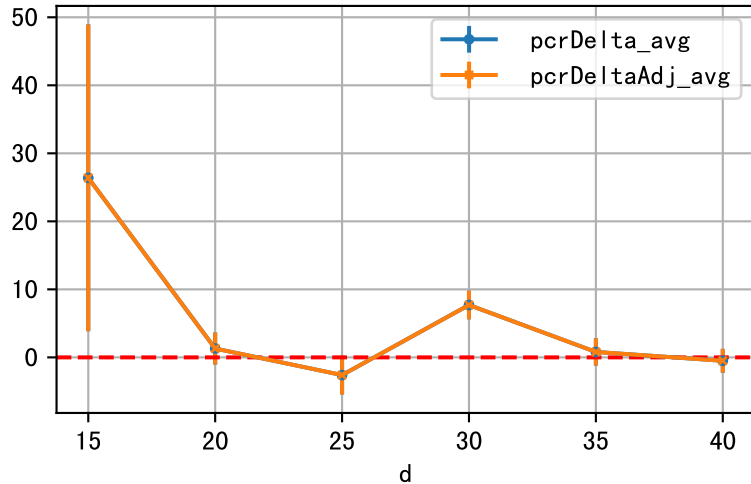


DeltaTypeAbbr=GrpByAge

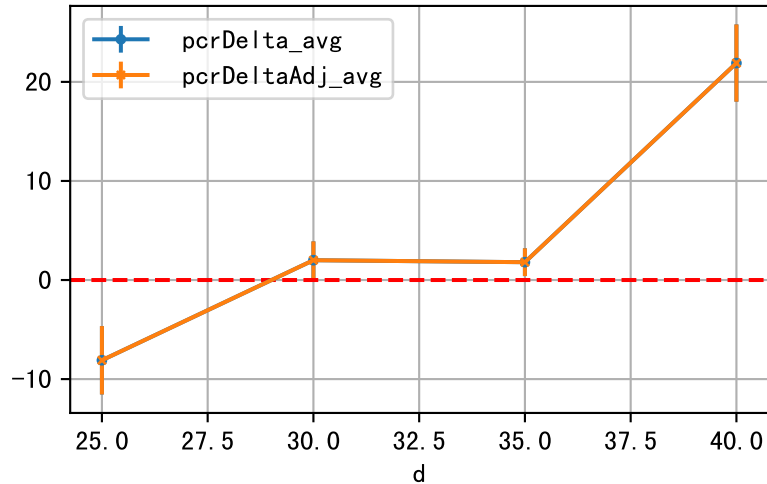


P3-6 NdD: D_Q50_NdD

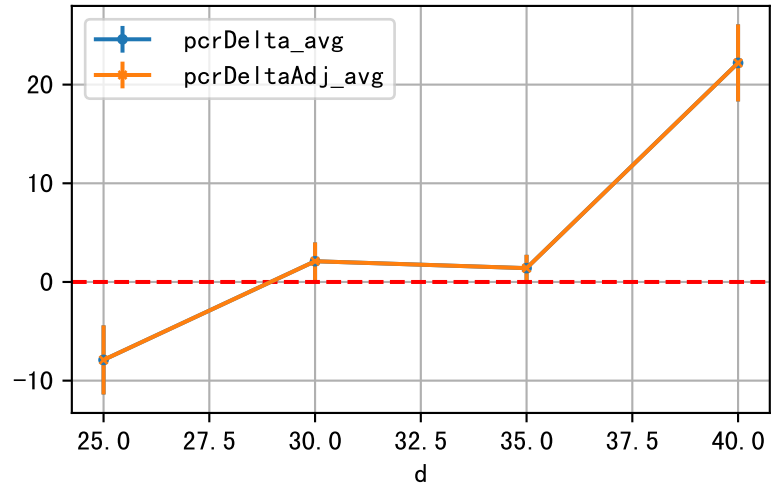
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DeltaTypeAbbr=GrpByDay

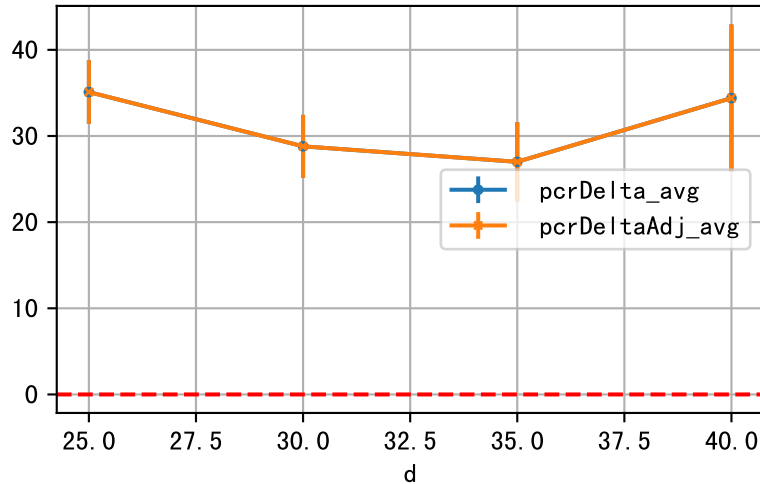


DeltaTypeAbbr=Wei AvgByD

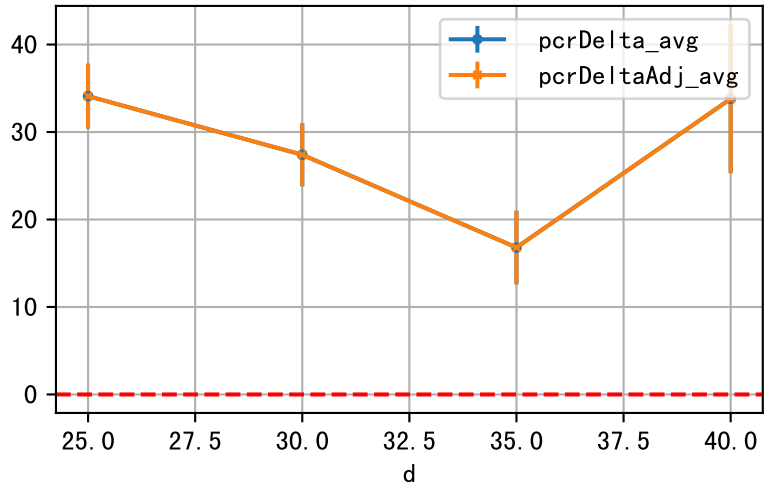


P3-6 NdD: D_Est_NdD

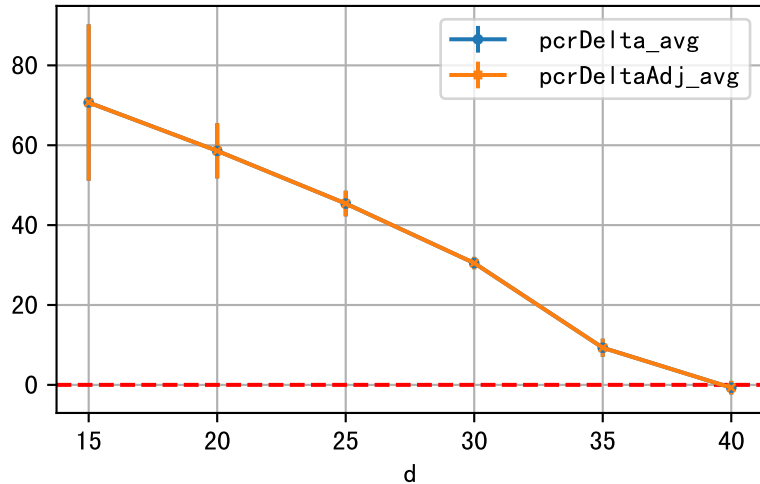
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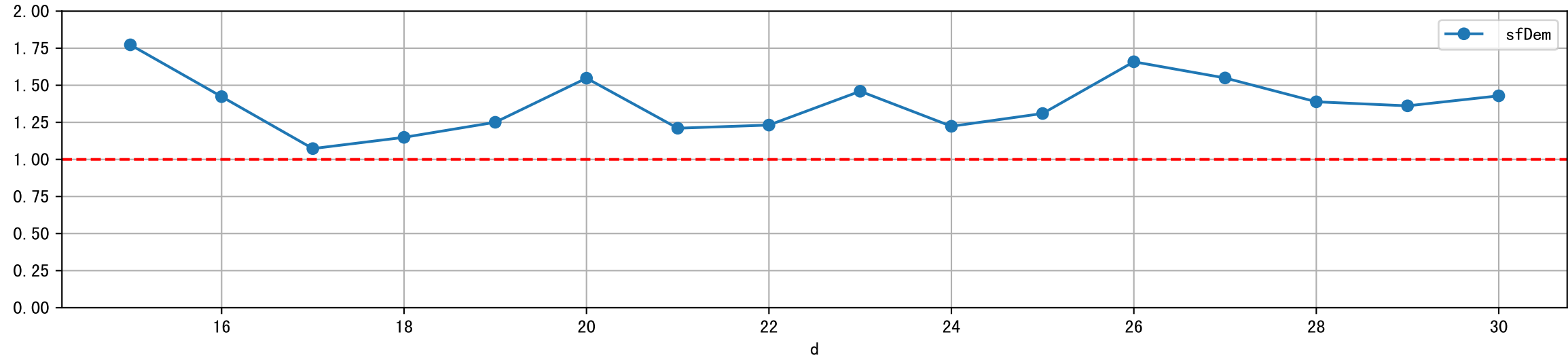
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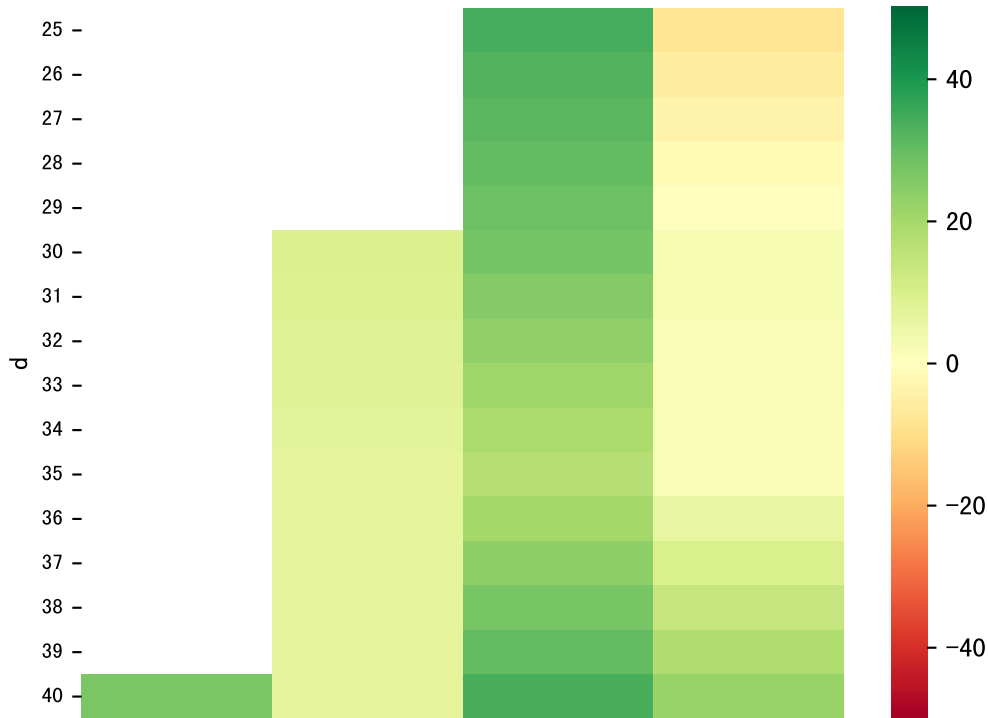


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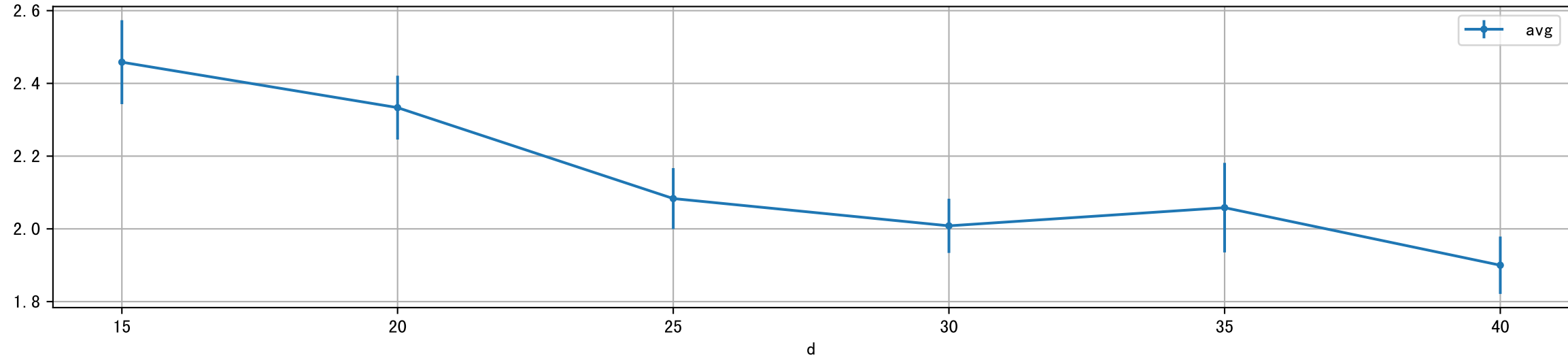


NdD: sfDem

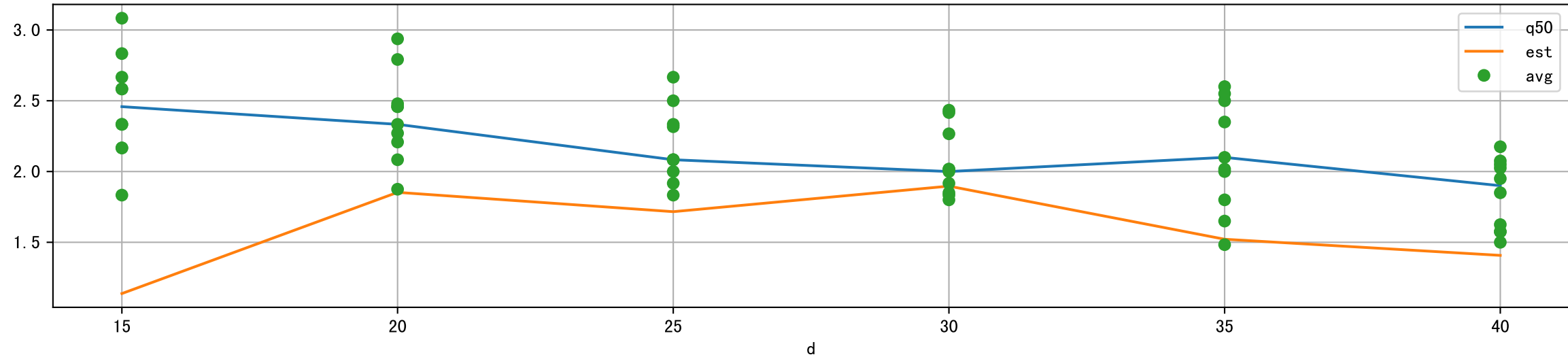




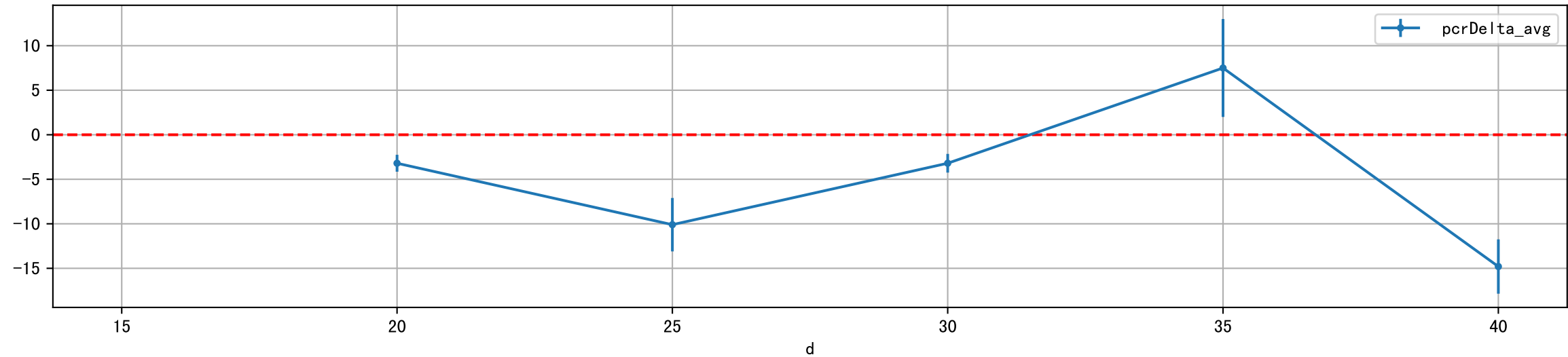
dStH: avg vs. d



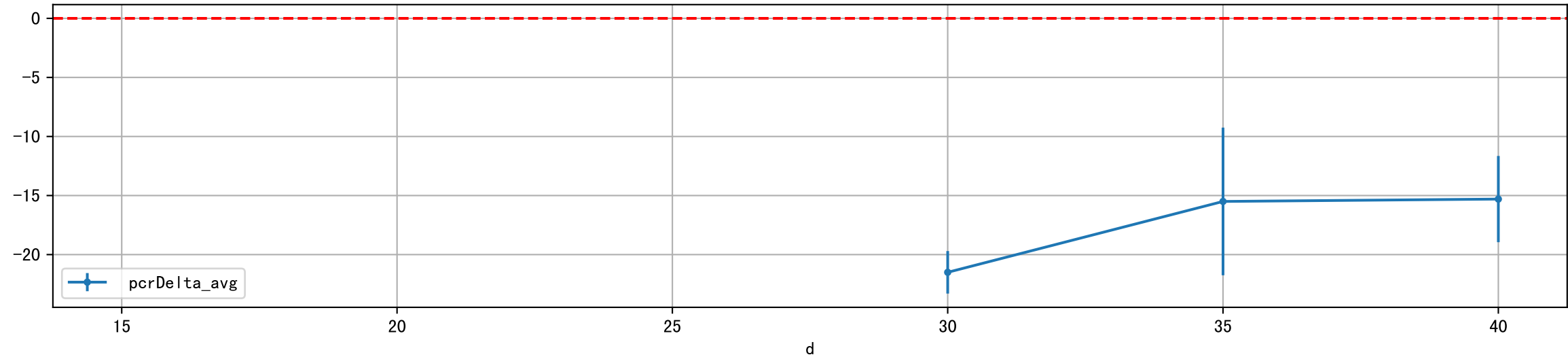
dStH: obsAvg vs obs0v@Q50



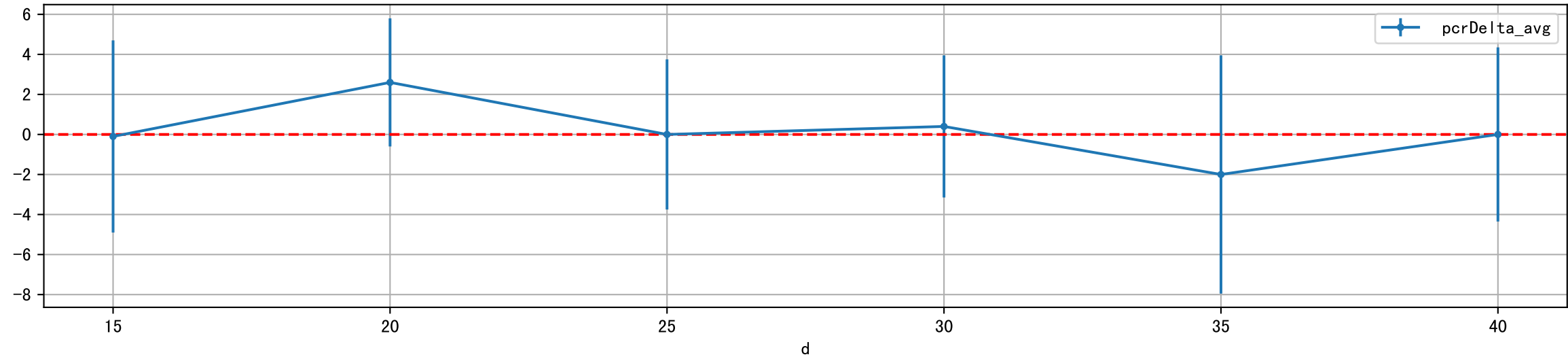
dStH: D_5d_StH



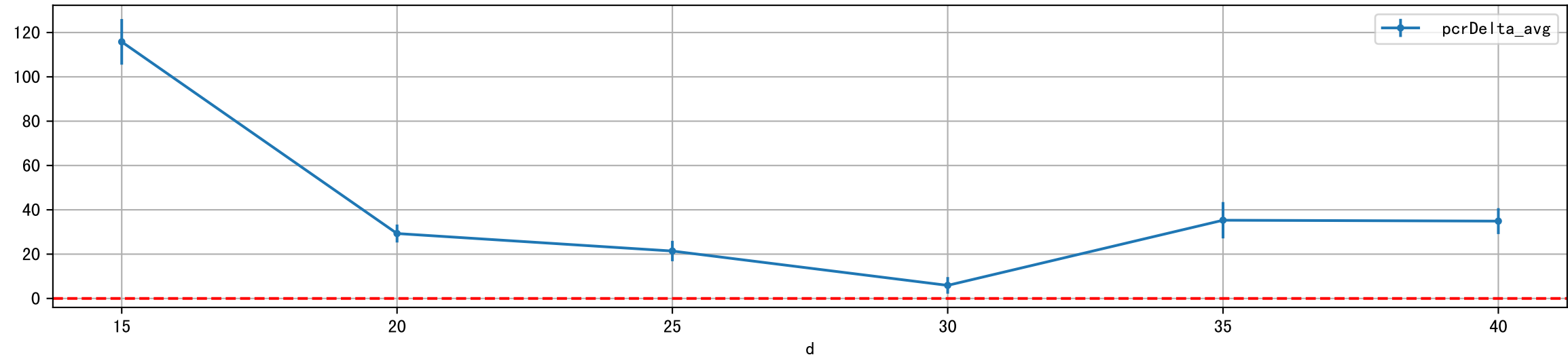
dStH: D_15d_StH



dStH: D_Q50_StH



dStH: D_Est_StH



dStH: sfDem

