

Phenotype Data Analysis Plots

PhenoData day range = 12 - 32

Analysis cutoff day = 32

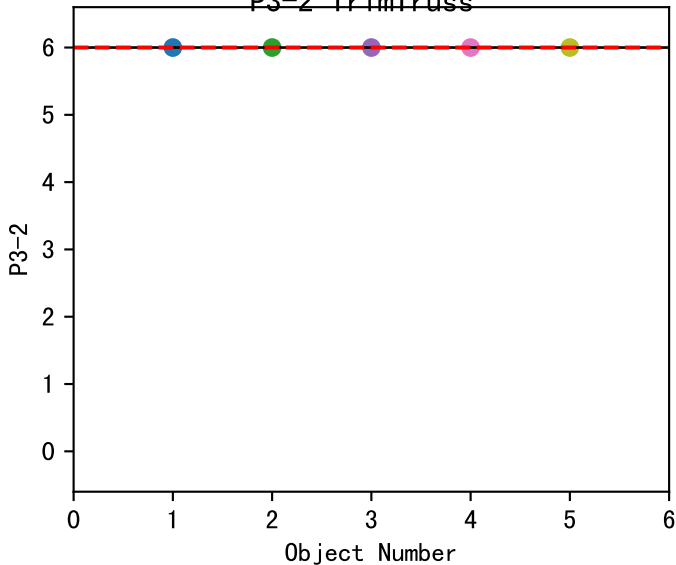
NC11 P3-2

2025-05-01 (Day 33)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

P3-2 TrimTruss



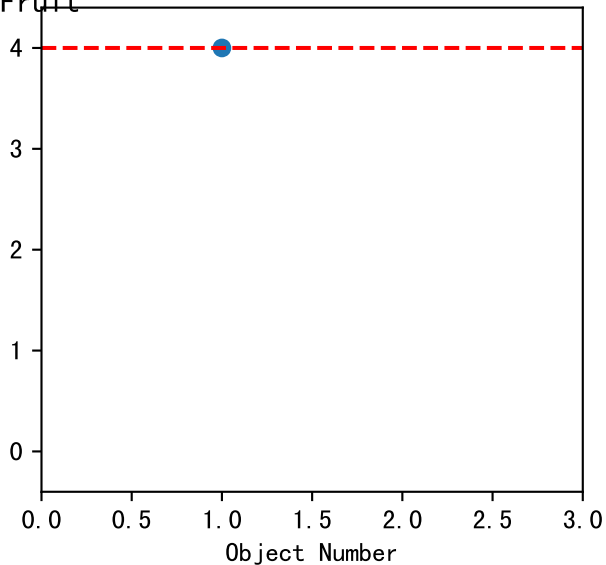
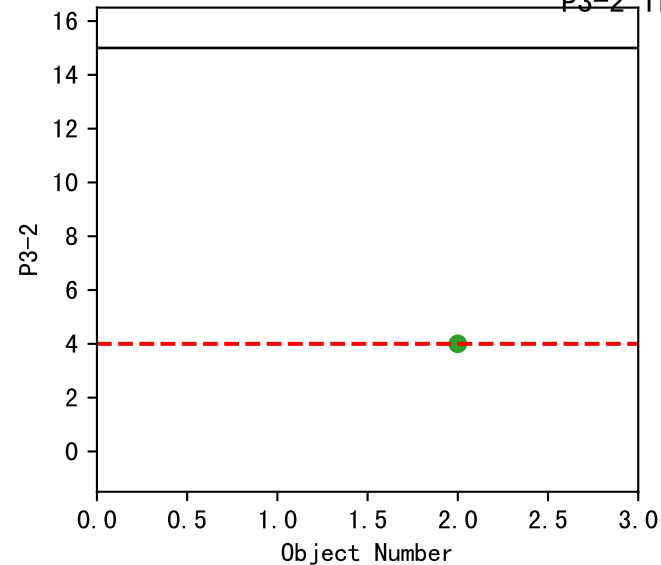
FruitNumAvgPerTruss (Def=15 Set=15)

avg1=4.0 avg2=na

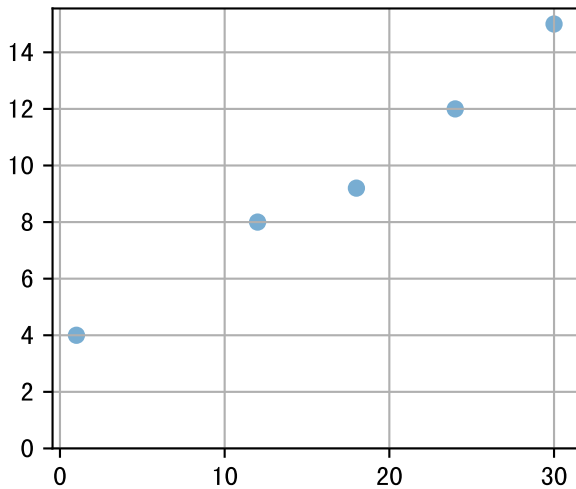
P3-2 TrimFruit

FruitNumMaxPerTruss (Def=na Set=na)

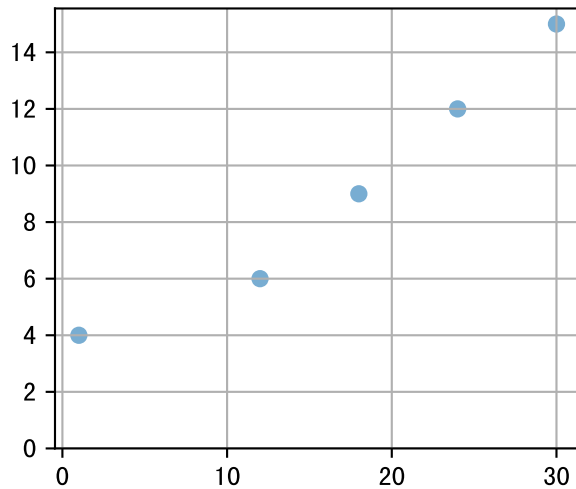
avg1=4.0 avg2=na



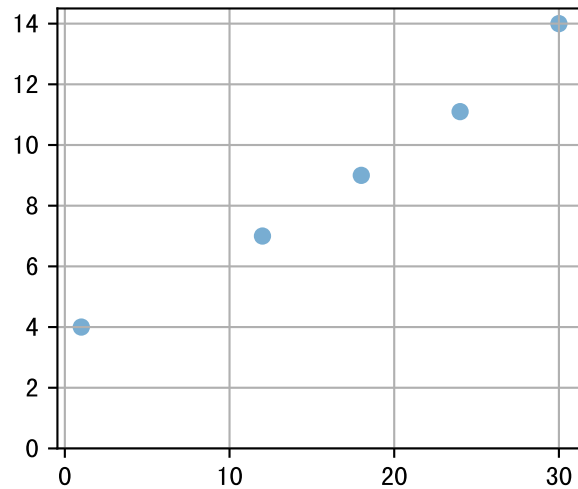
P3-2-16-21 (fit failed)



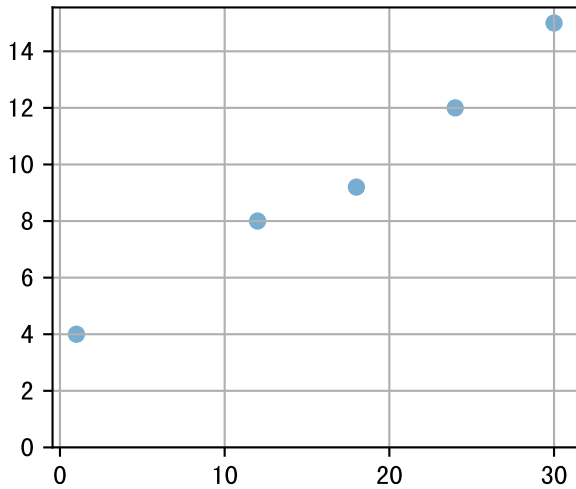
P3-2-24-18 (fit failed)



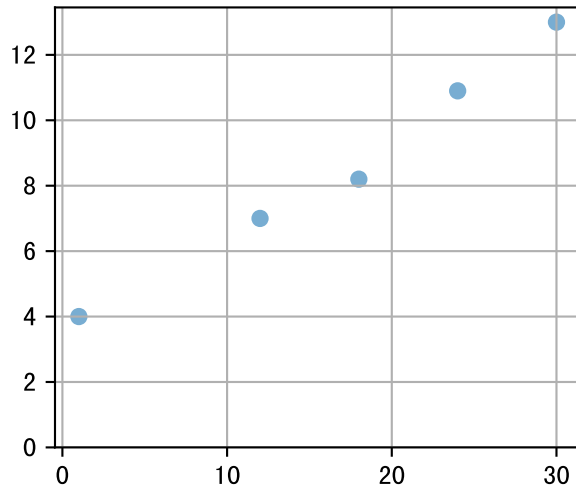
P3-2-40-6 (fit failed)



P3-2-55-28 (fit failed)

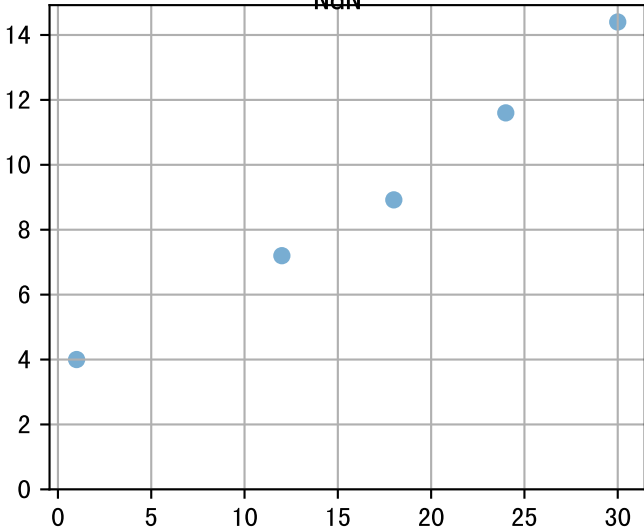


P3-2-9-8 (fit failed)



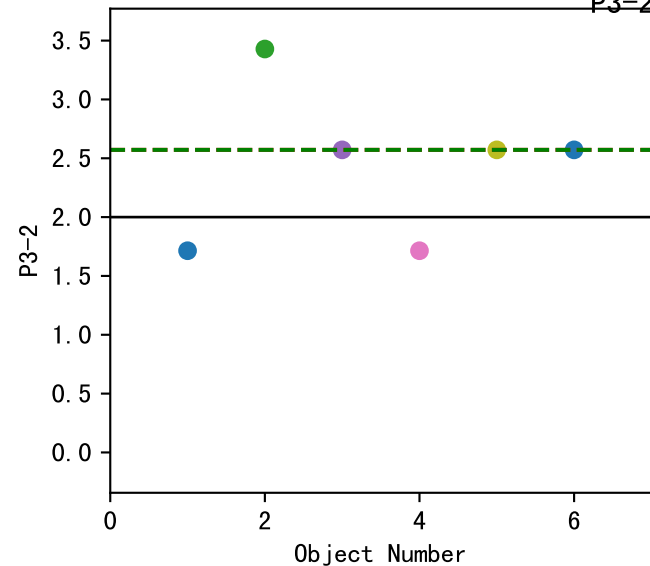
P3-2avg (fit failed)

NdN



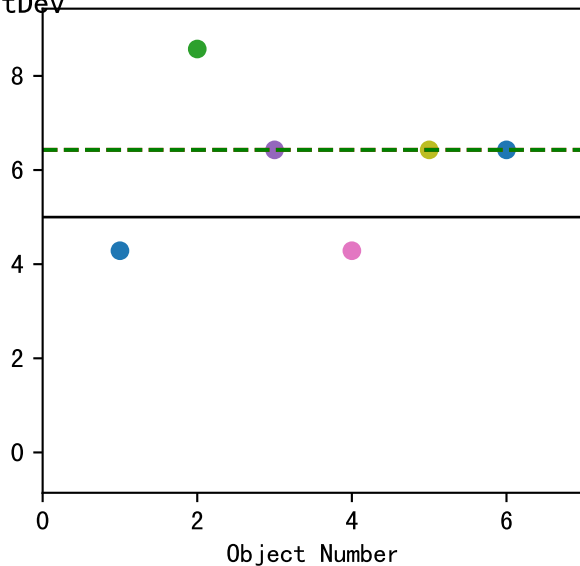
InitDev\_dm (Def=2 Set=2.57)  
avg1=2.57~28% avg2=2.57

P3-2

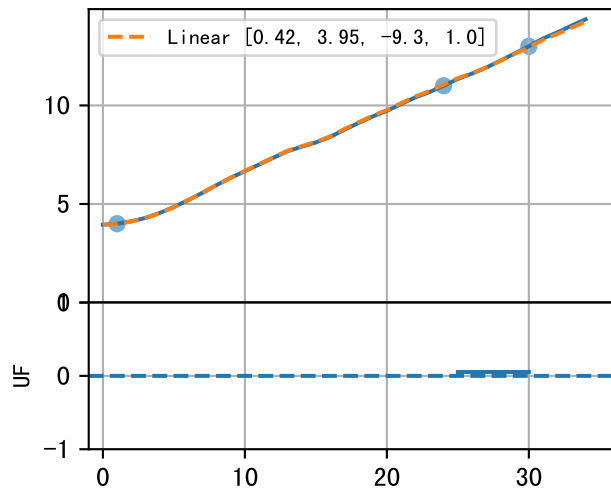


InitDev\_de (Def=5 Set=6.43)  
avg1=6.43~28% avg2=6.43

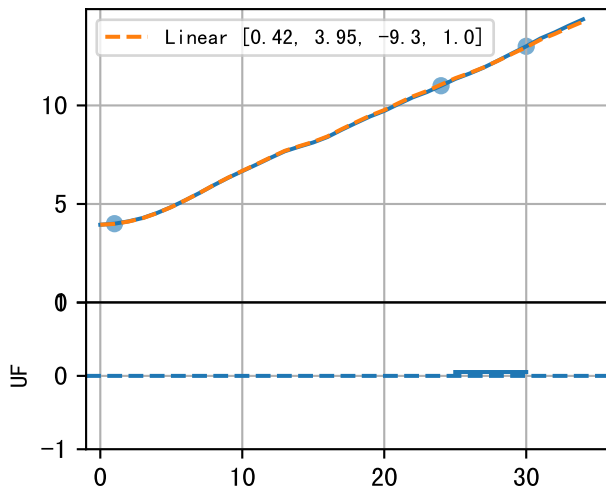
InitDev



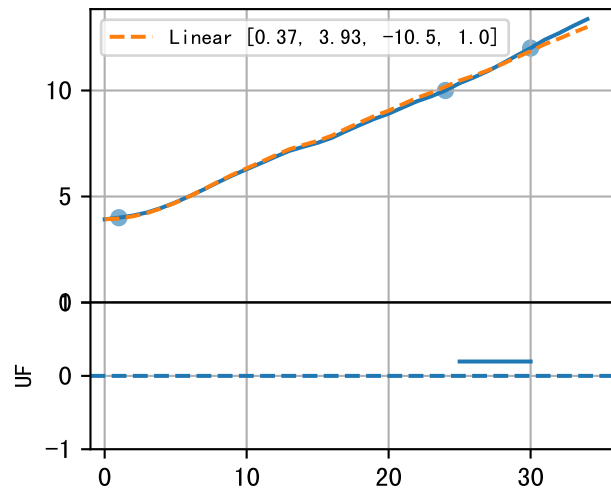
P3-2-16-21



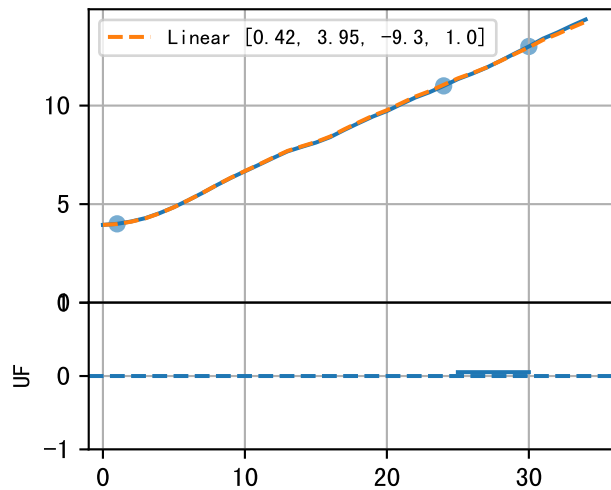
P3-2-24-18



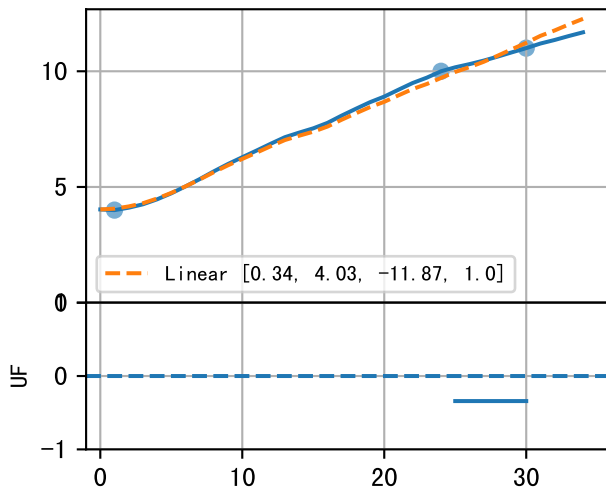
P3-2-40-6



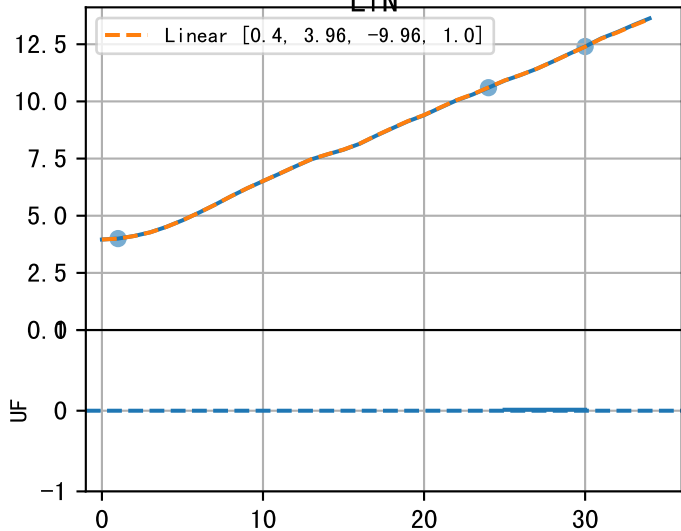
P3-2-55-28



P3-2-9-8

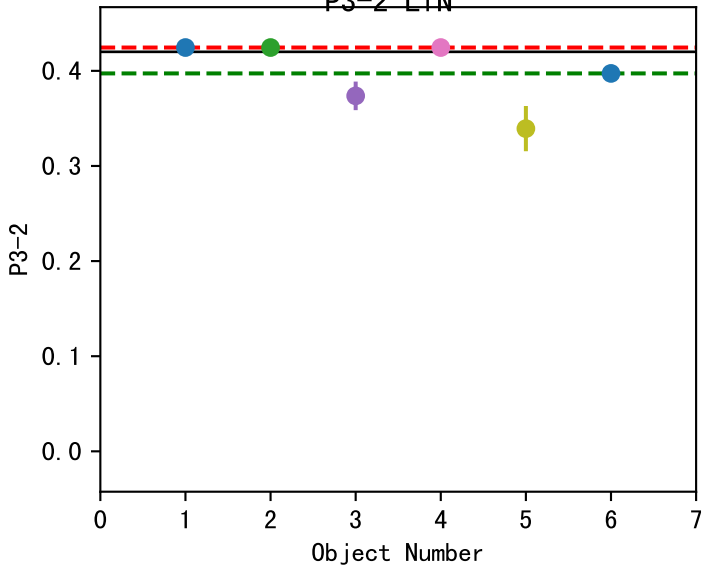


P3-2avg  
Lfn

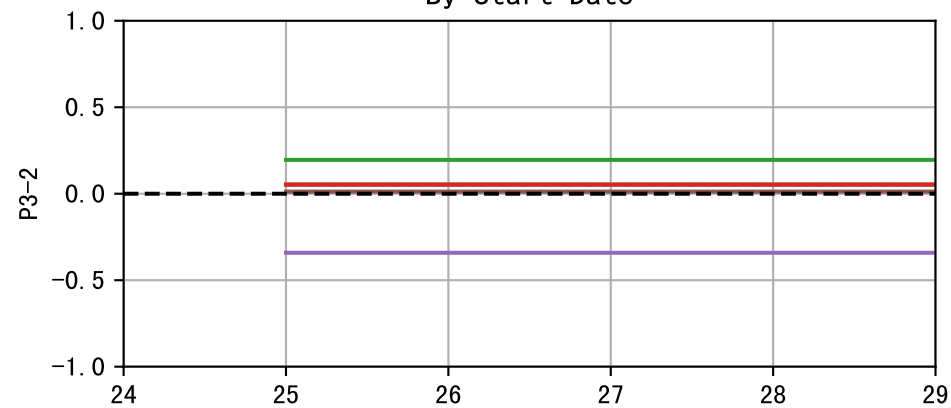




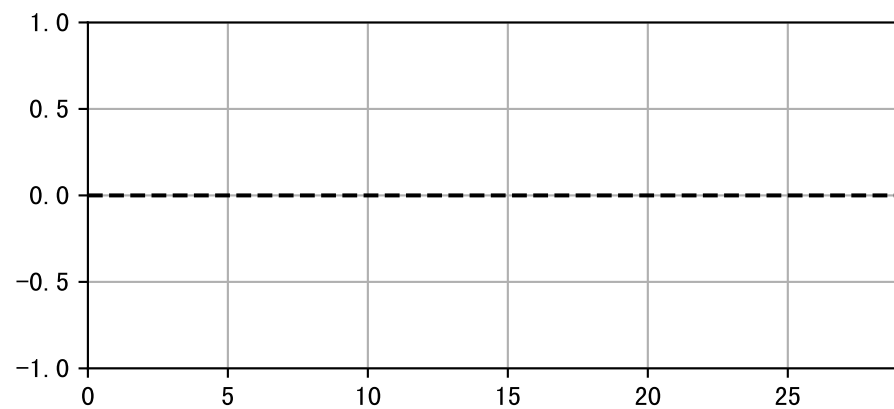
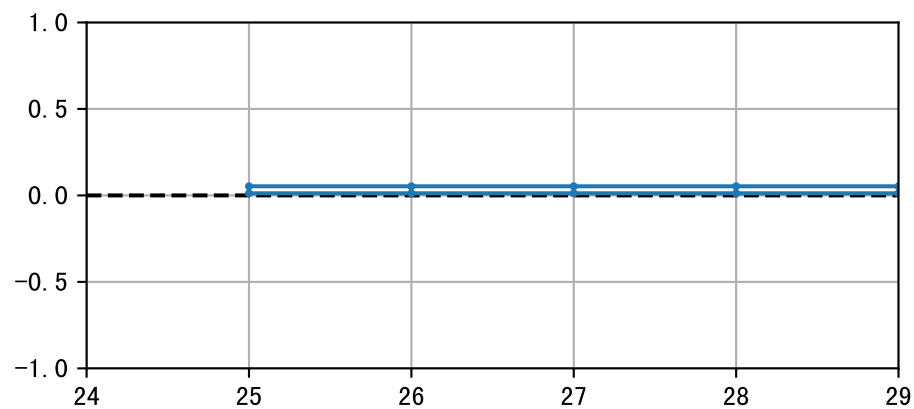
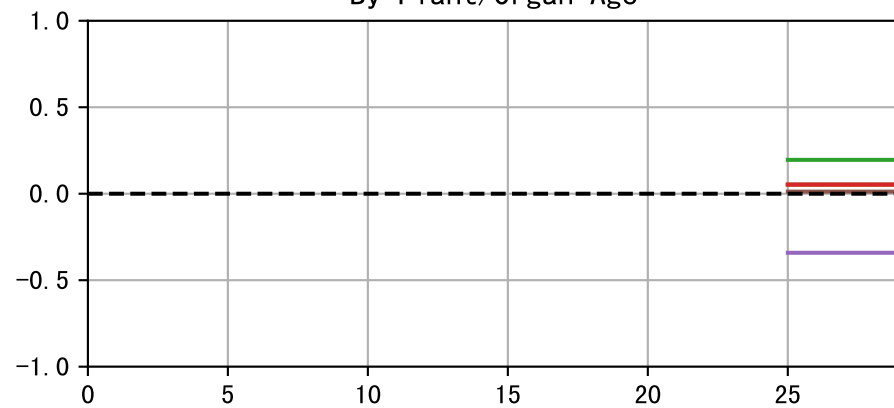
a (Def=0.42 Set=0.4)  
avg1=0.42 $\sim$ 9% avg2=0.4 $\sim$ 1%  
P3-2 LfN



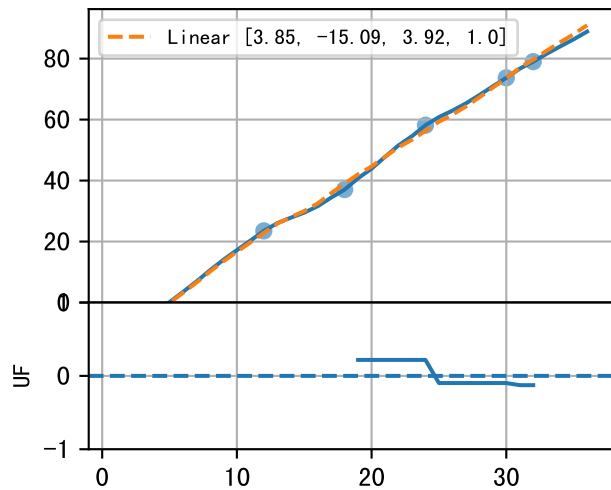
By Start Date



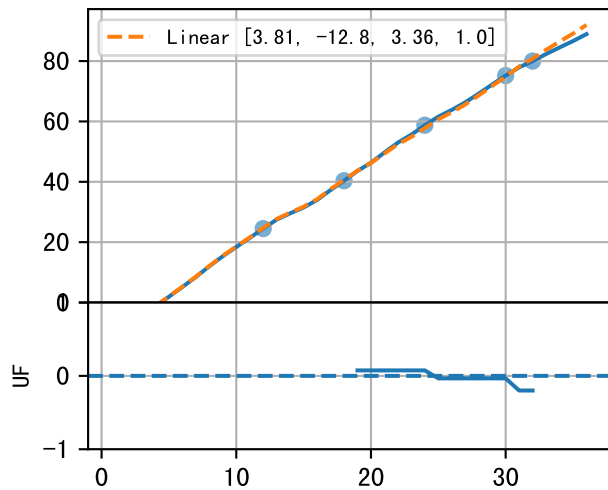
By Plant/Organ Age



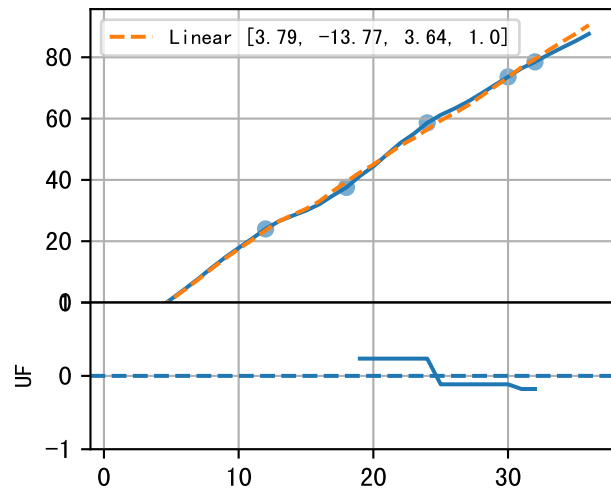
P3-2-16-21



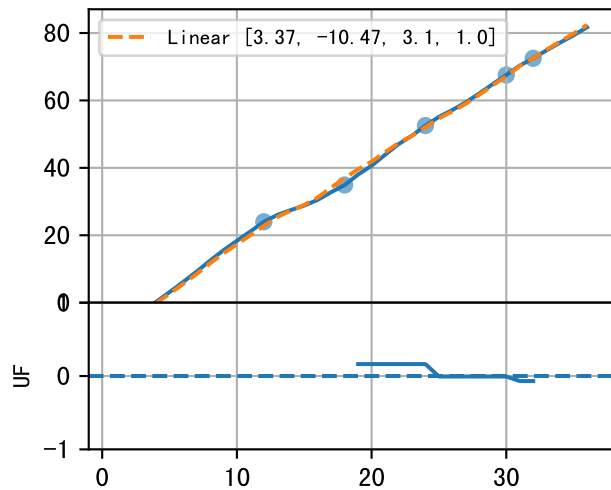
P3-2-24-18



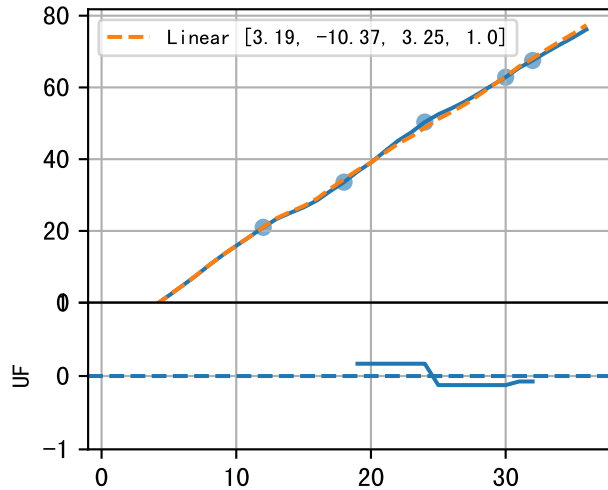
P3-2-40-6



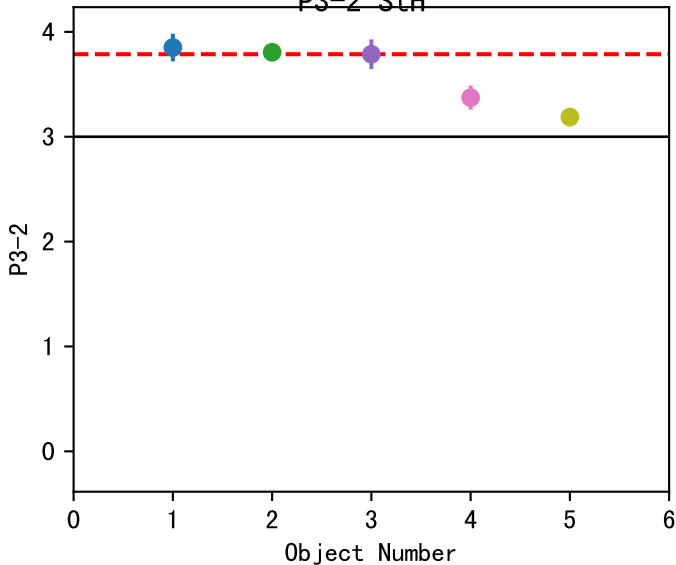
P3-2-55-28



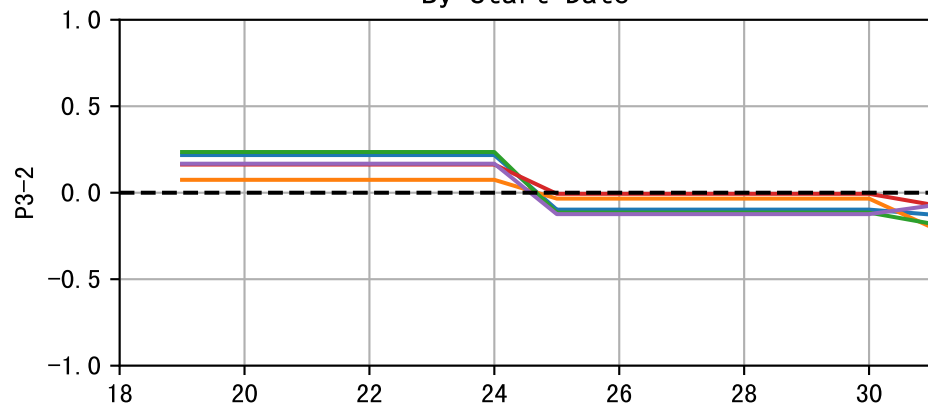
P3-2-9-8



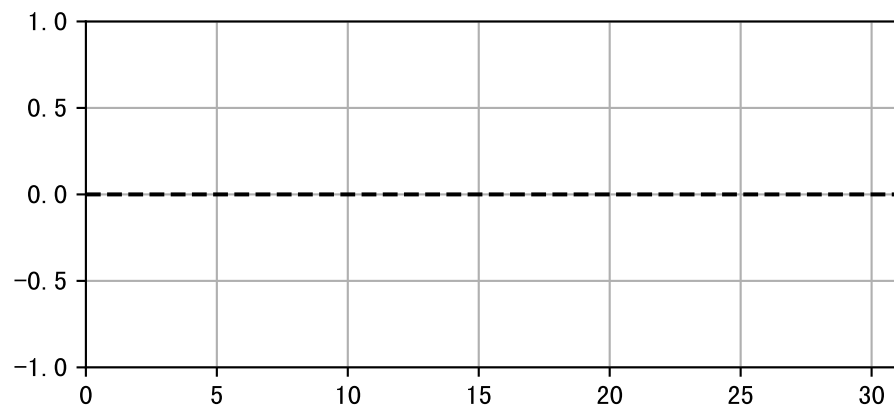
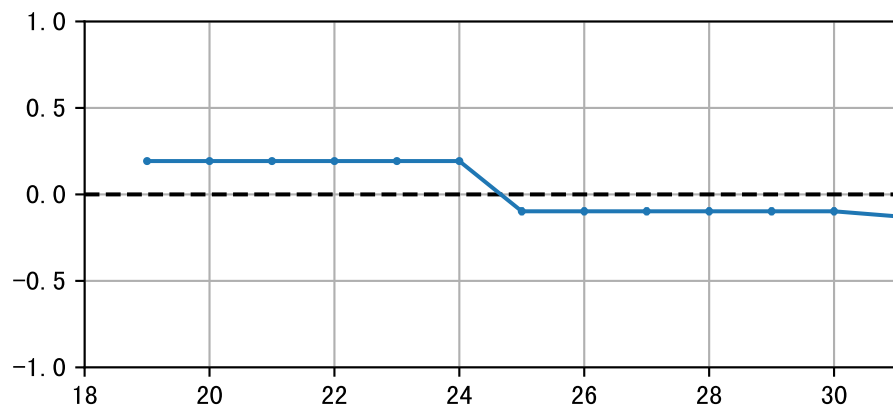
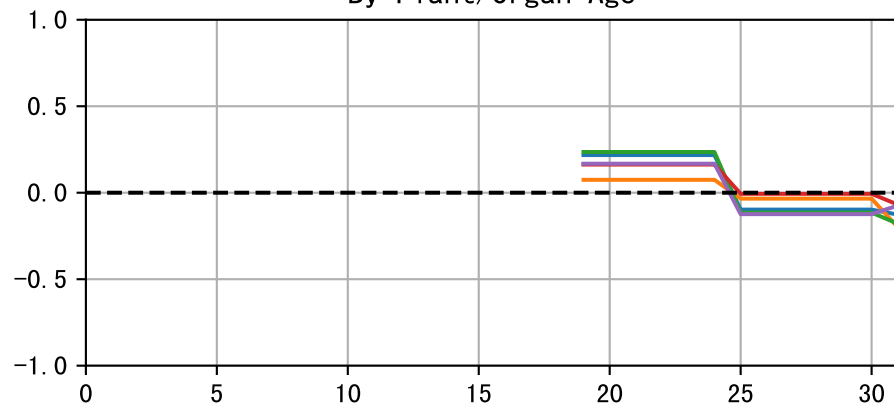
a (Def=3 Set=3.79)  
avg1=3.79~8% avg2=na  
P3-2 StH



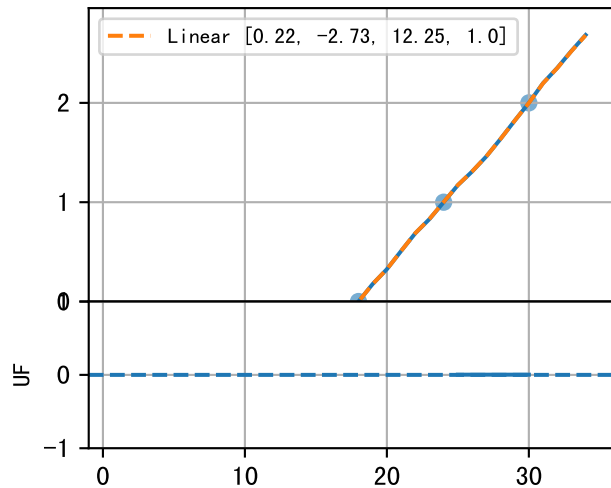
By Start Date



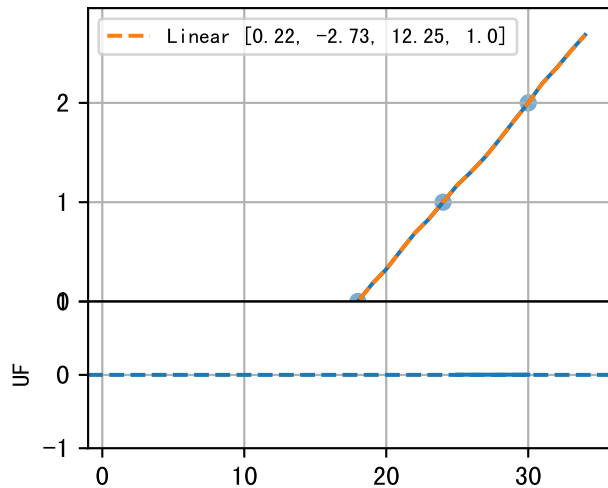
By Plant/Organ Age



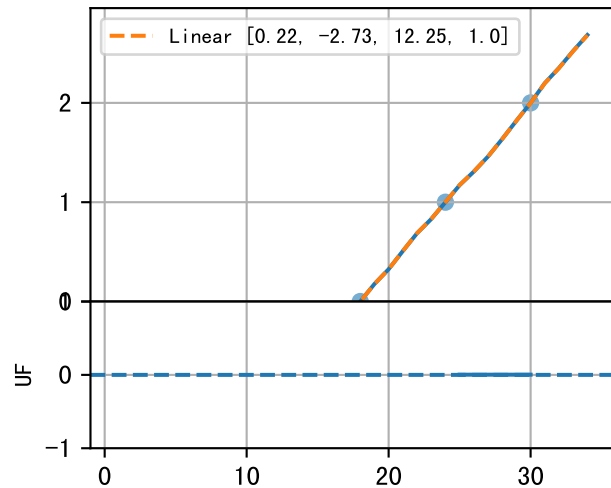
P3-2-16-21



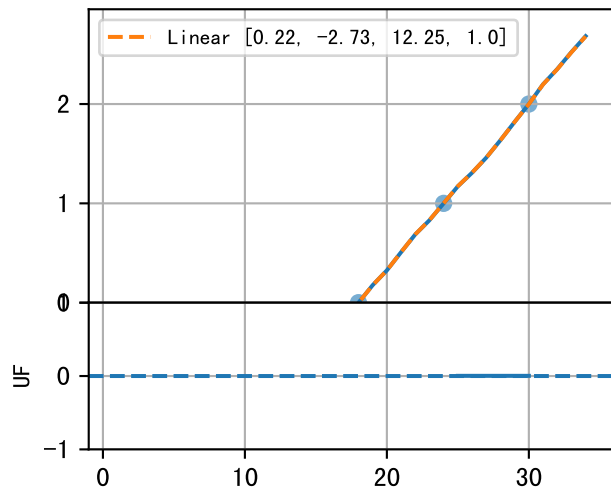
P3-2-24-18



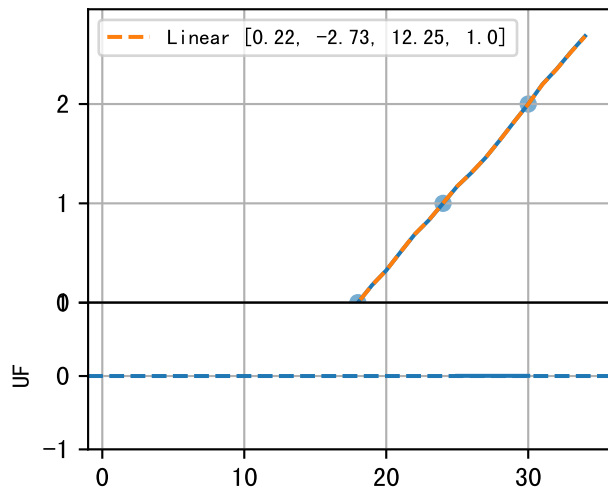
P3-2-40-6



P3-2-55-28

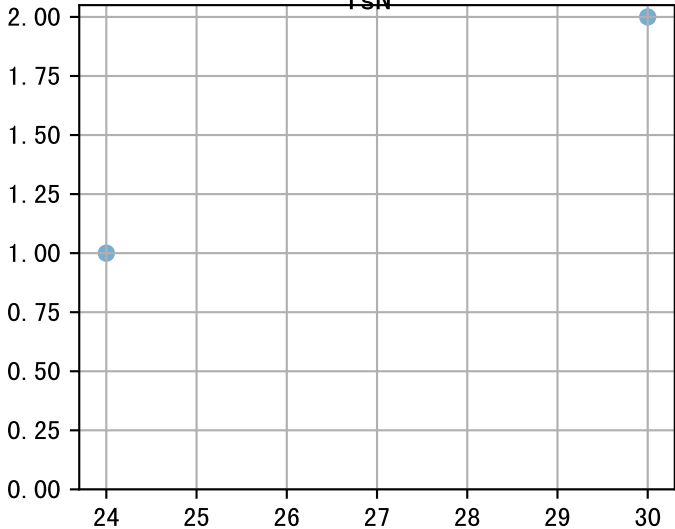


P3-2-9-8



P3-2avg (fit failed)

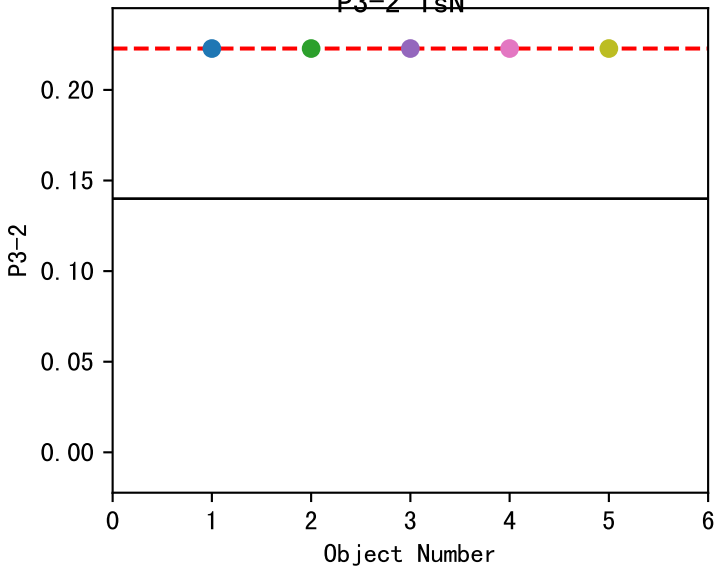
TsN



a (Def=0.14 Set=0.14)

avg1=0.22~0% avg2=na

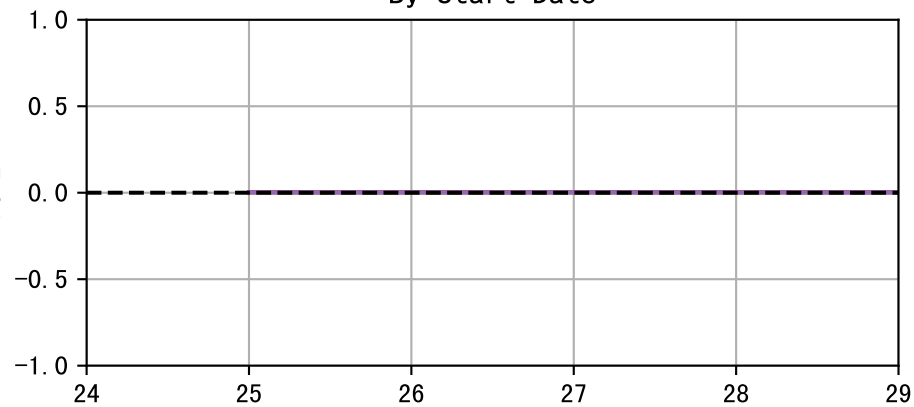
P3-2 TSN



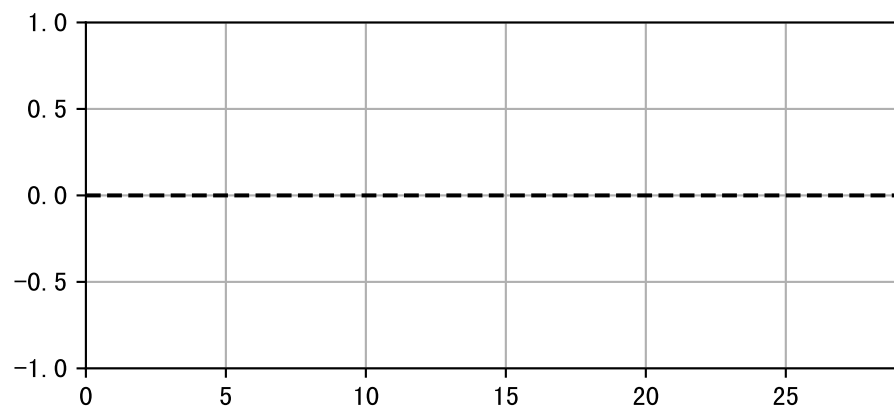
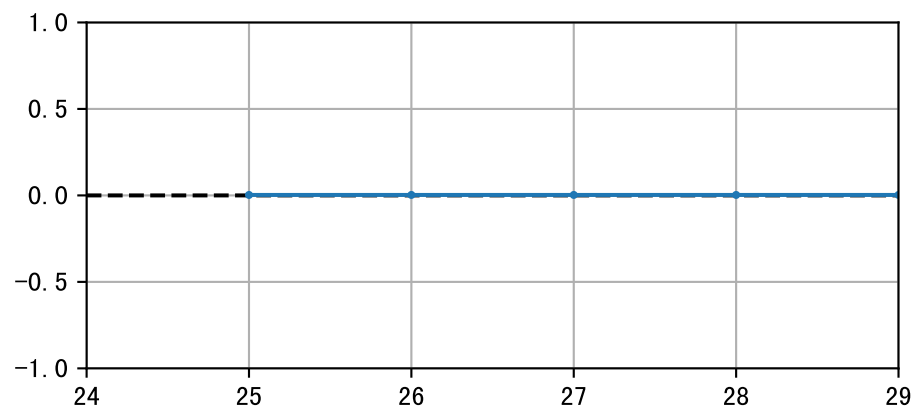
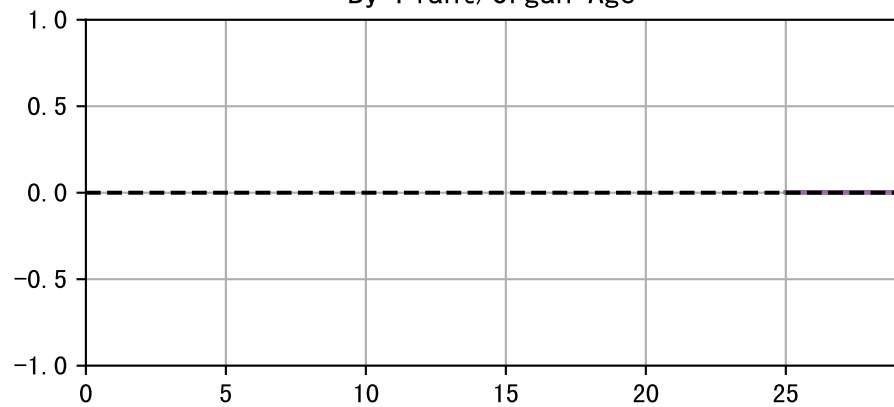


TsN

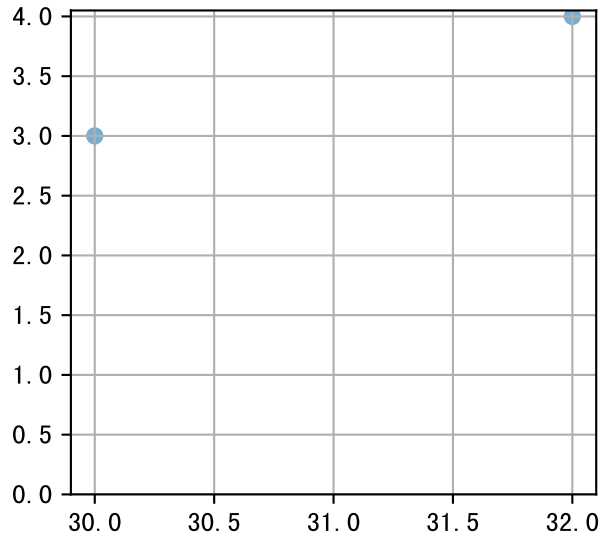
By Start Date



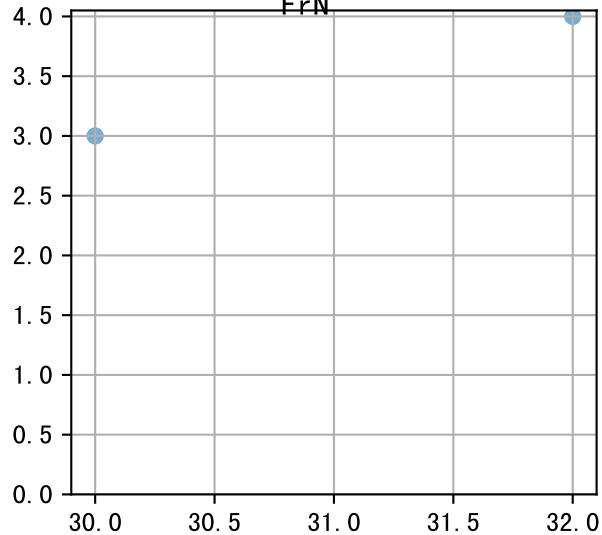
By Plant/Organ Age



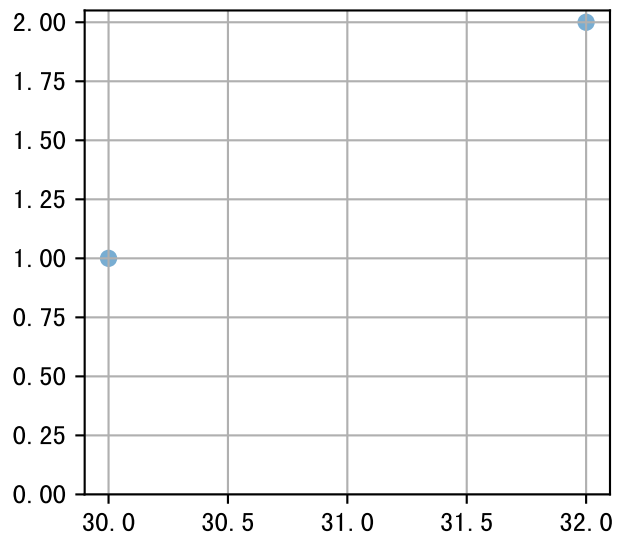
P3-2-16-21T1 (fit failed)



P3-2-40-6T1 (fit failed)

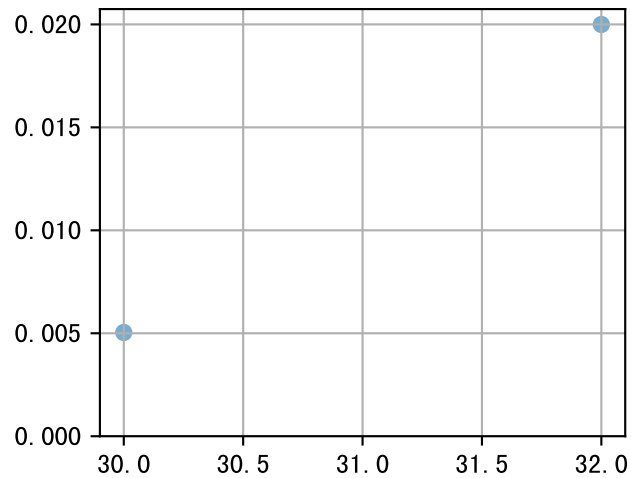


P3-2-9-8T1 (fit failed)

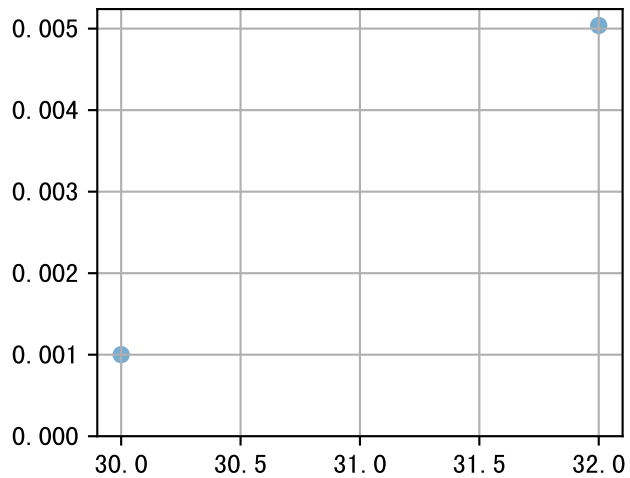


FrV

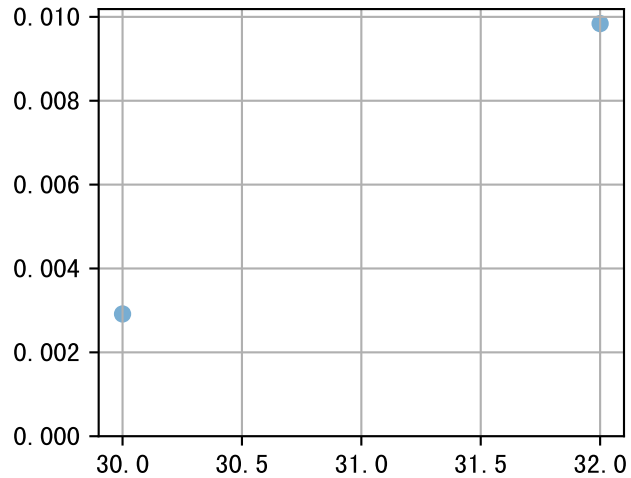
P3-2-16-21T1Fr1 (fit failed)



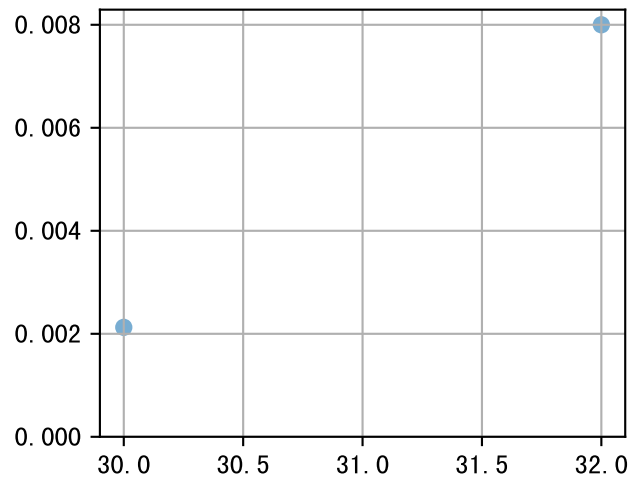
P3-2-16-21T1Fr5 (fit failed)



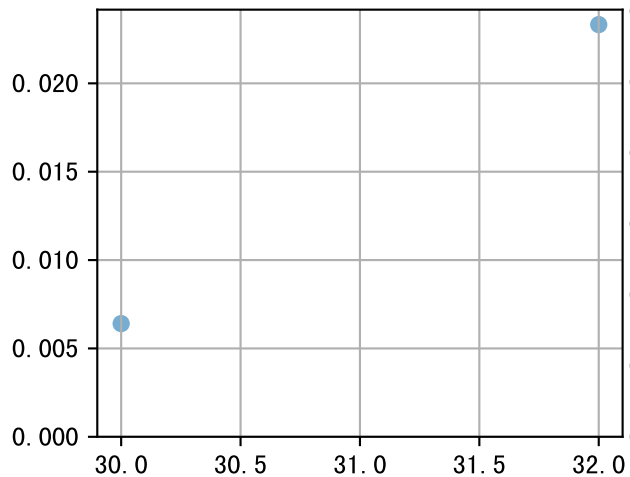
P3-2-24-18T1Fr1 (fit failed)



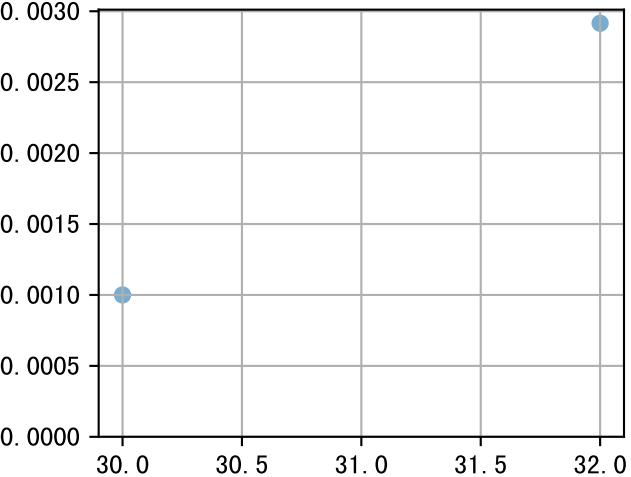
P3-2-24-18T1Fr5 (fit failed)



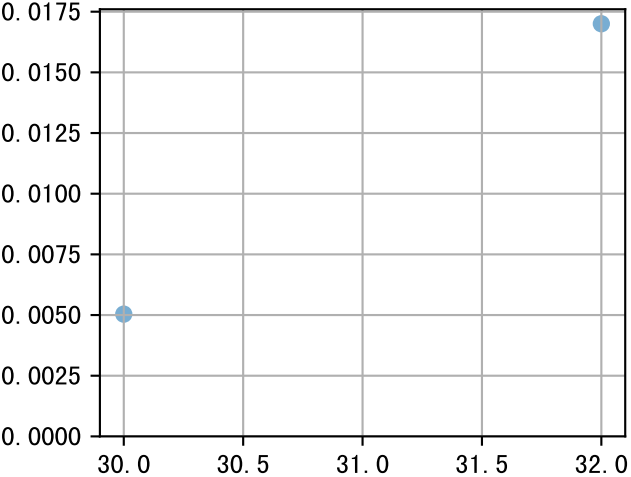
P3-2-40-6T1Fr1 (fit failed)



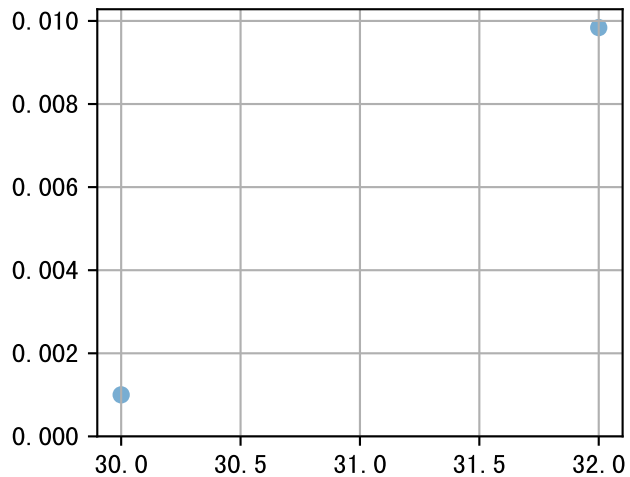
P3-2-40-6T1Fr5 (fit failed)



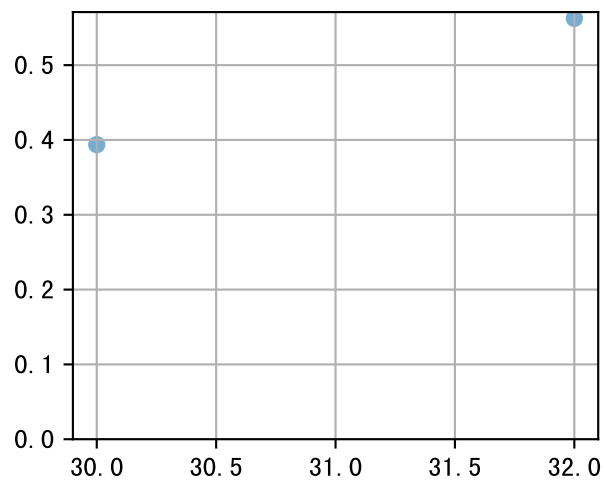
P3-2-55-28T1Fr1 (fit failed)



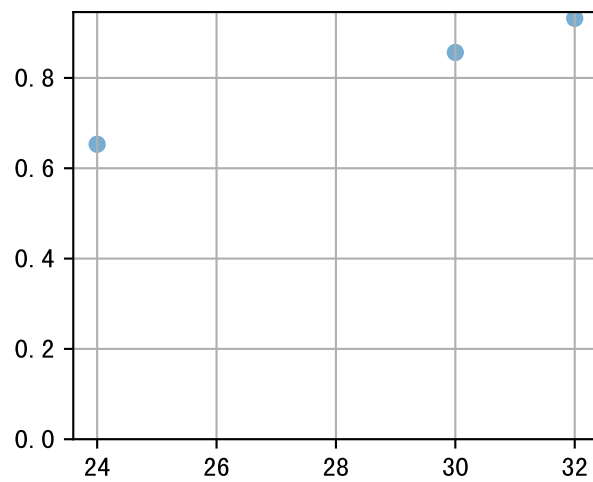
P3-2-9-8T1Fr1 (fit failed)



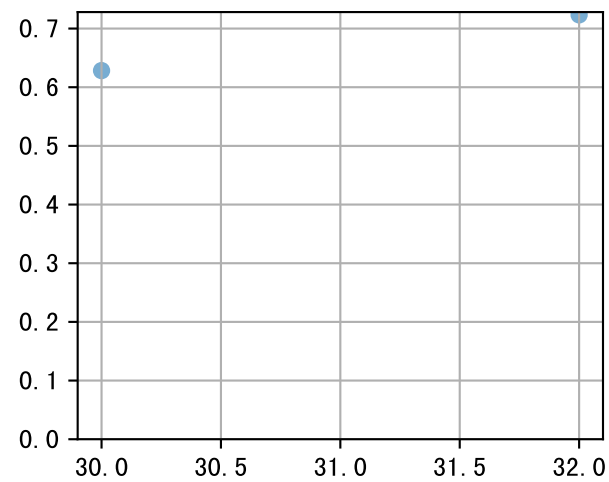
P3-2-16-21L10 (fit failed)



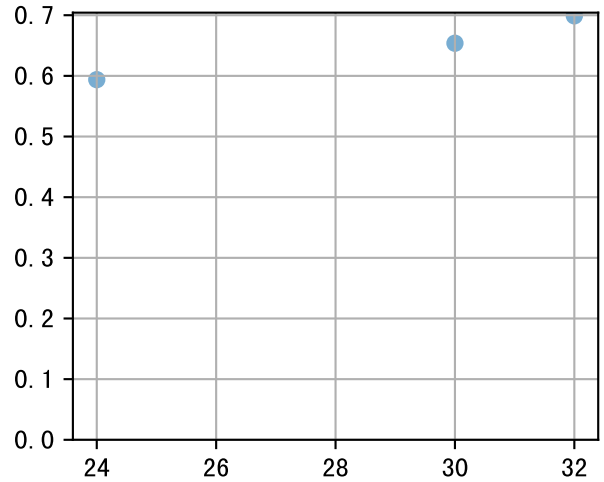
P3-2-16-21L7 (fit failed)



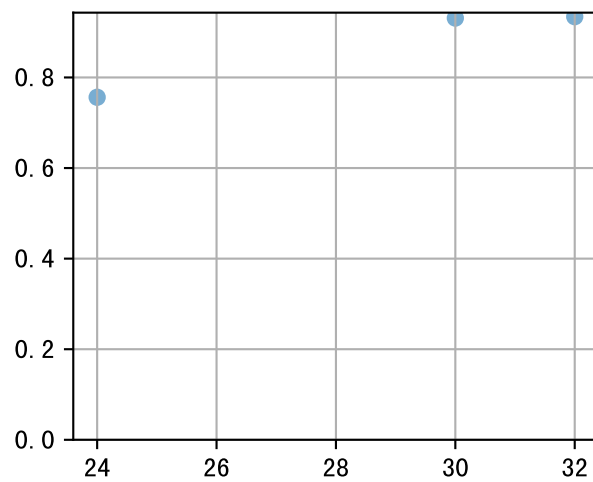
P3-2-24-18L10 (fit failed)



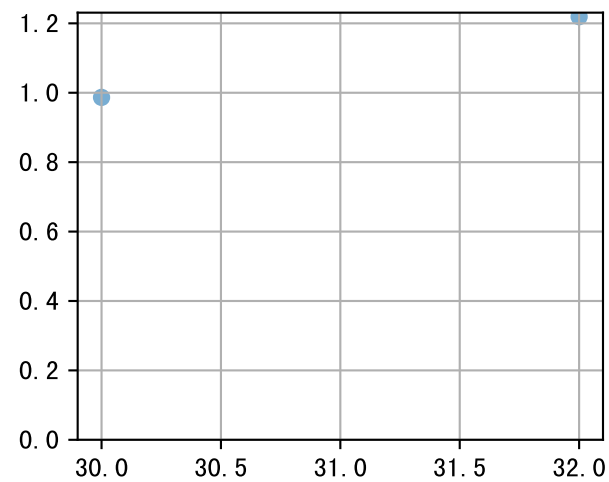
P3-2-24-18L6 (fit failed)



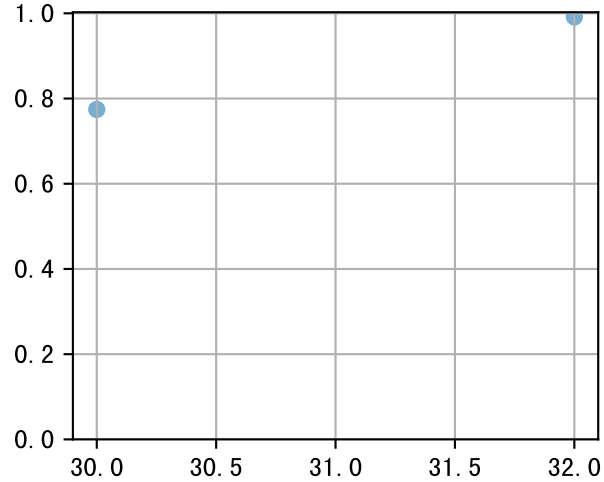
P3-2-40-6L6 (fit failed)



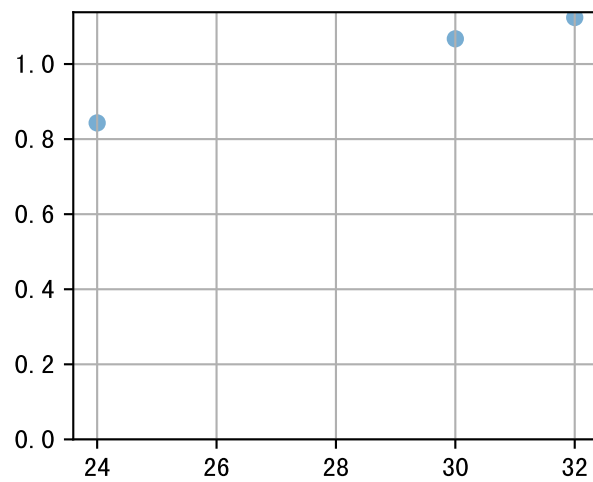
P3-2-40-6L9 (fit failed)



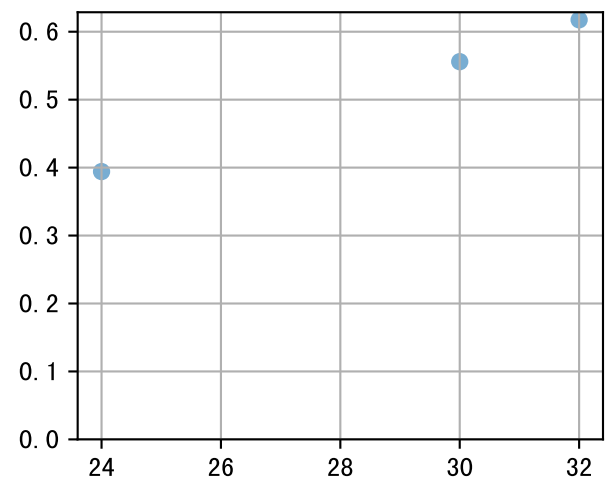
P3-2-55-28L10 (fit failed)



P3-2-55-28L7 (fit failed)

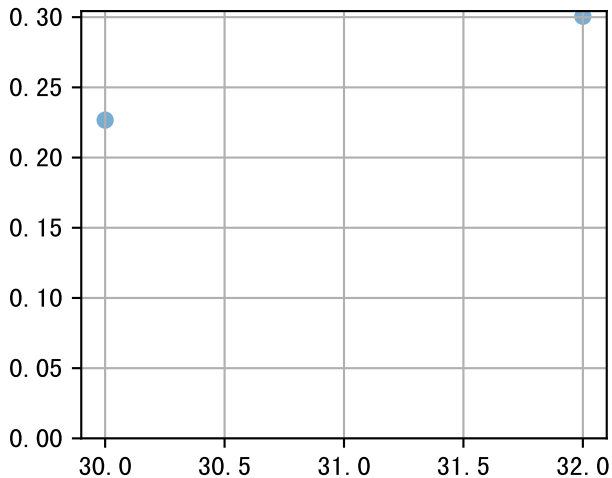


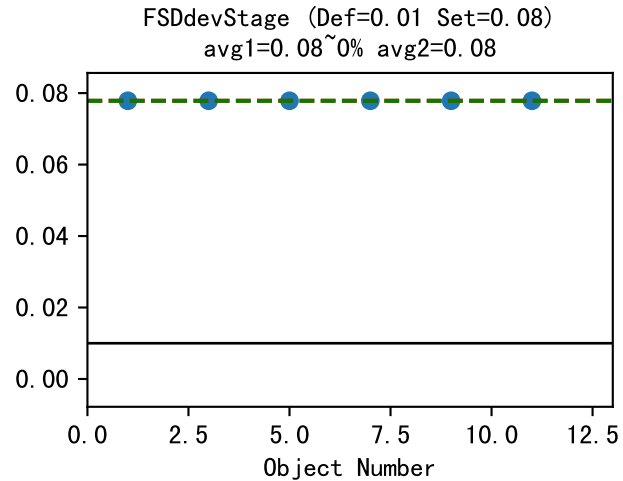
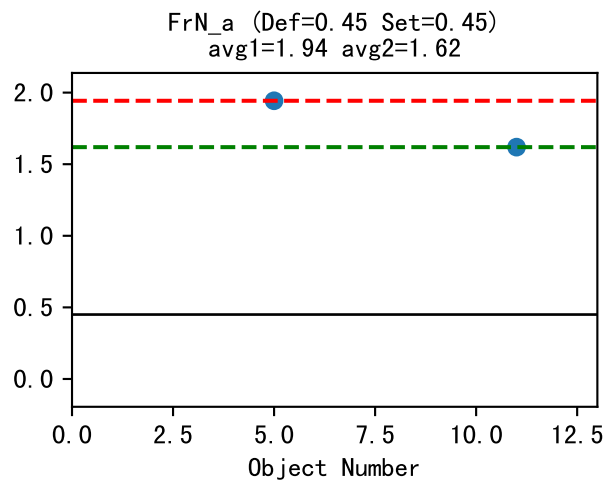
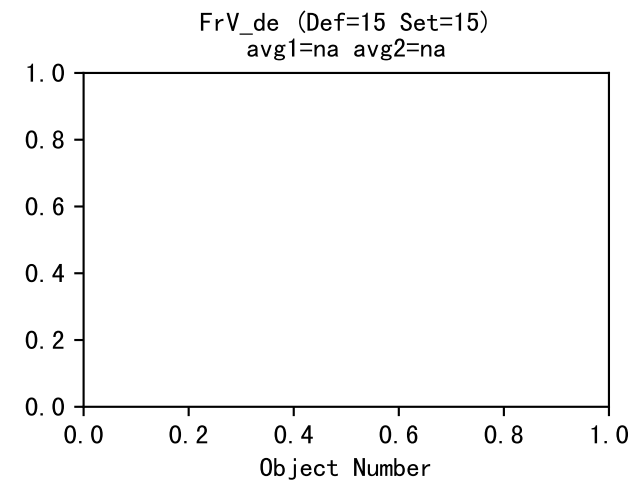
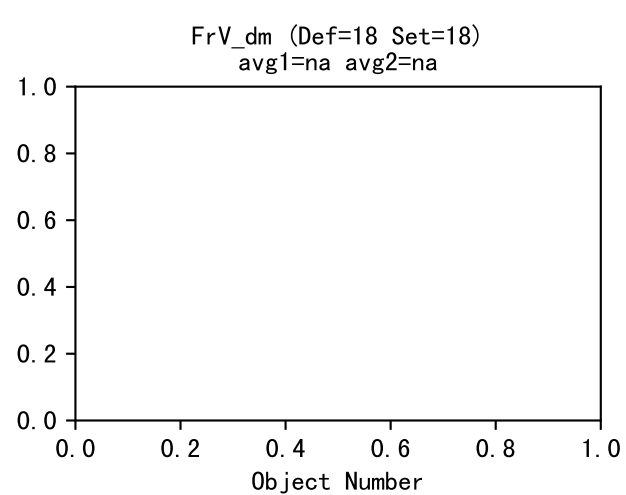
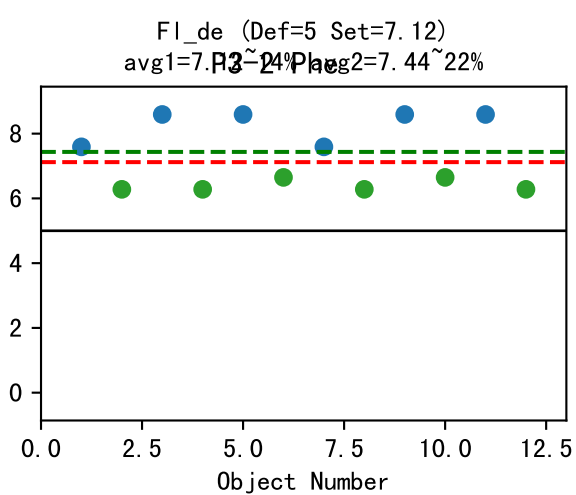
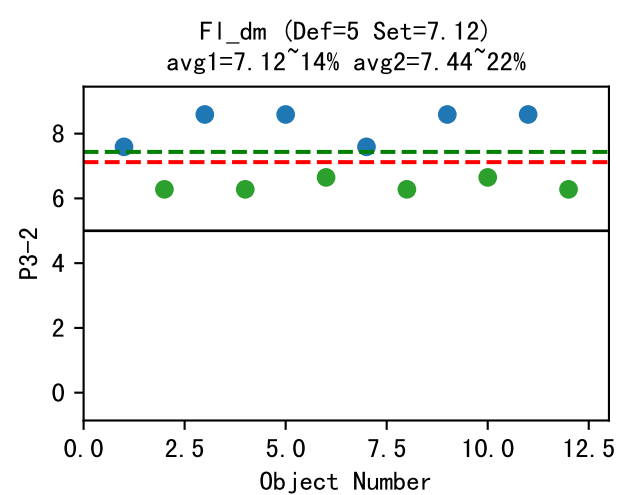
P3-2-9-8L6 (fit failed)



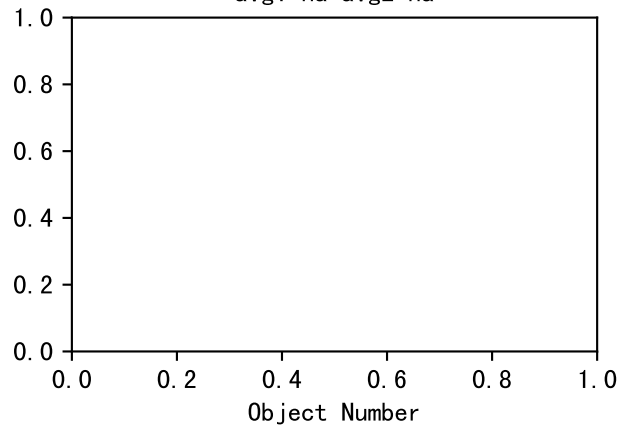
P3-2-9-8L9 (fit failed)

LfA

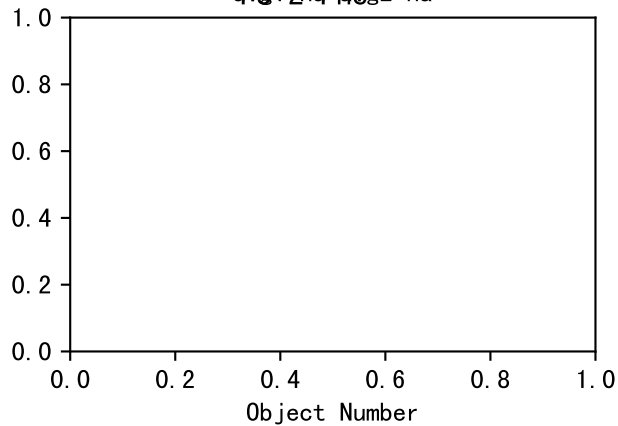




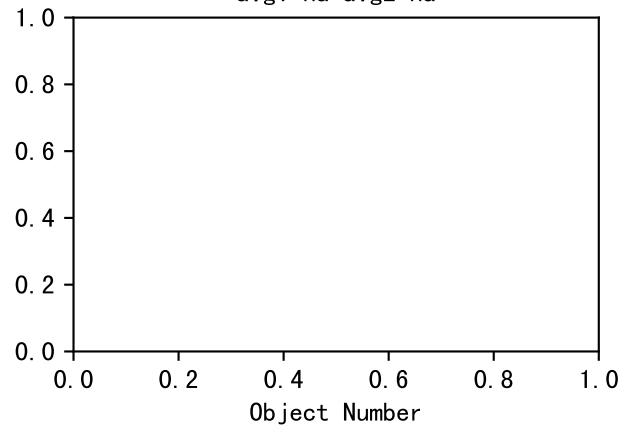
FGDdevStage (Def=0.7 Set=0.7)  
avg1=na avg2=na



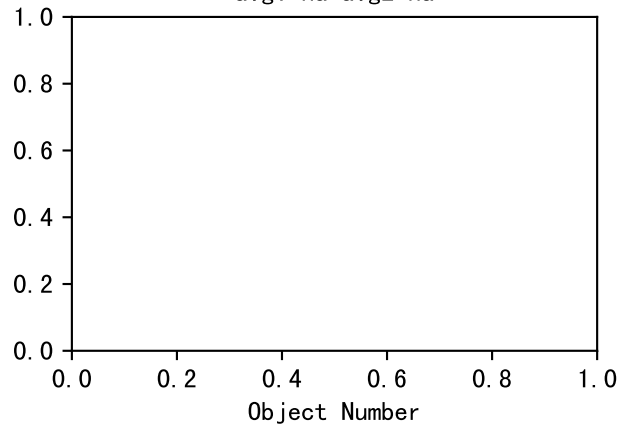
FMBDevStage (Def=1.3 Set=1.3)  
avg1=na avg2=na



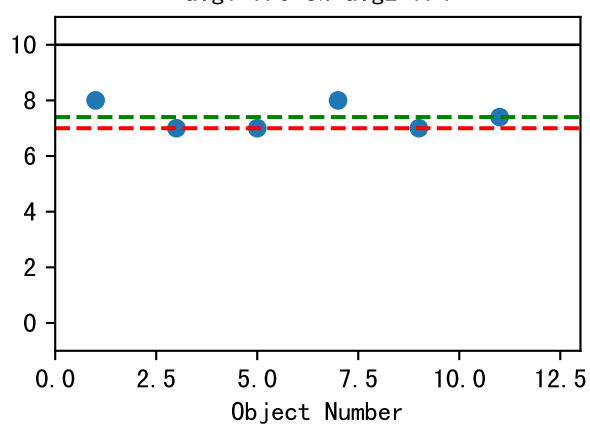
FMEDdevStage (Def=1.8 Set=1.8)  
avg1=na avg2=na



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

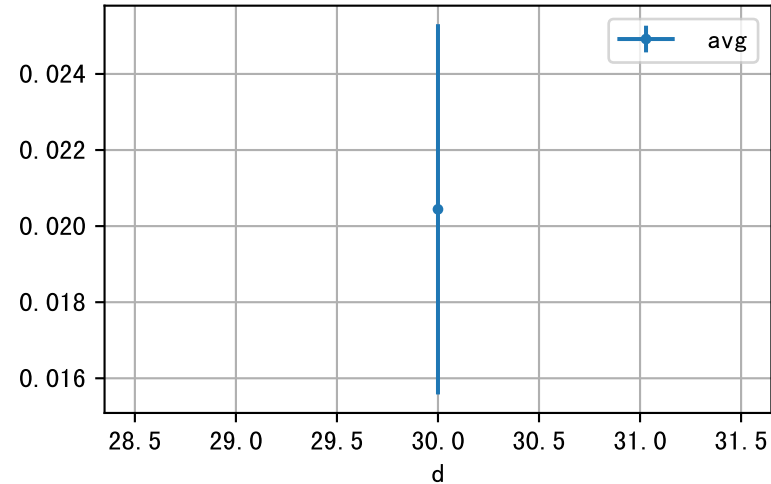


NNgen (Def=10 Set=7)  
avg1=7.0~8% avg2=7.4

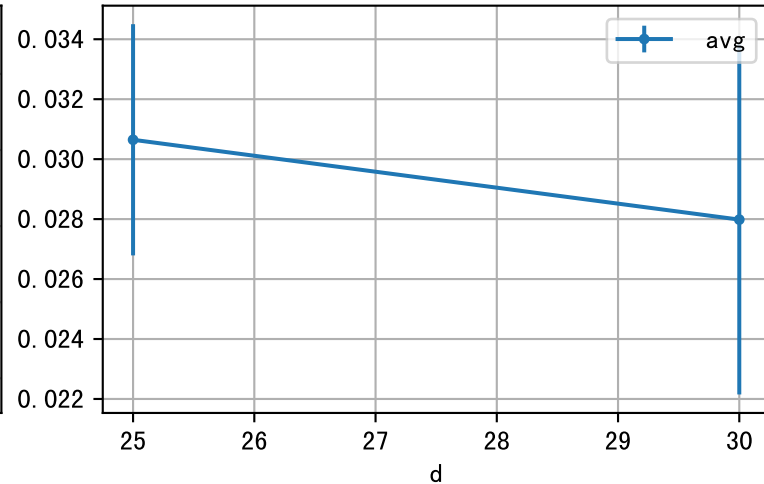


LfA: avg vs. d at each age group

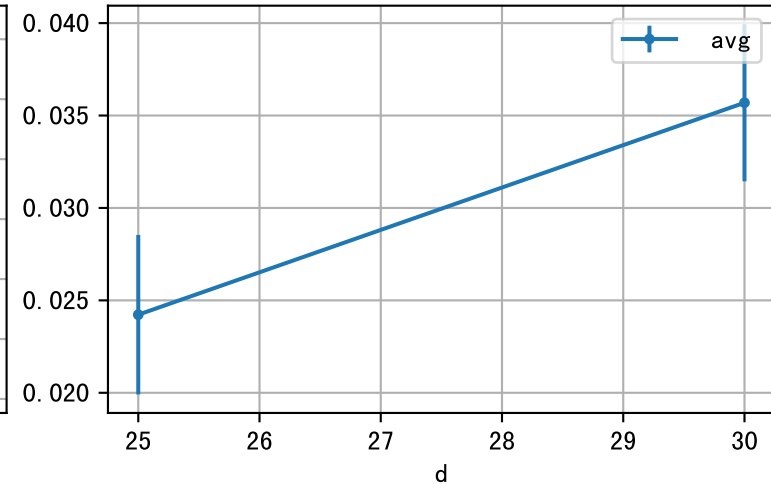
age=20



age=25

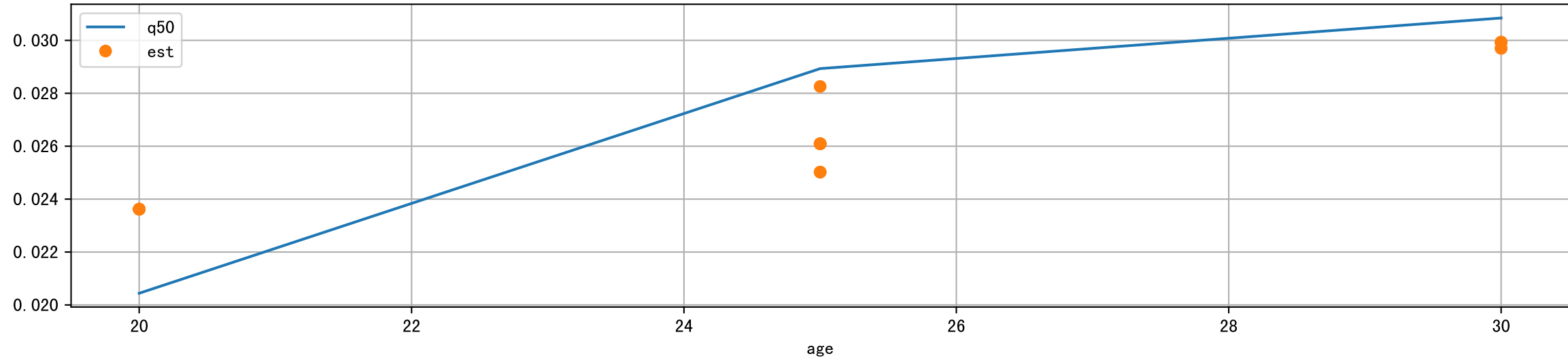


age=30



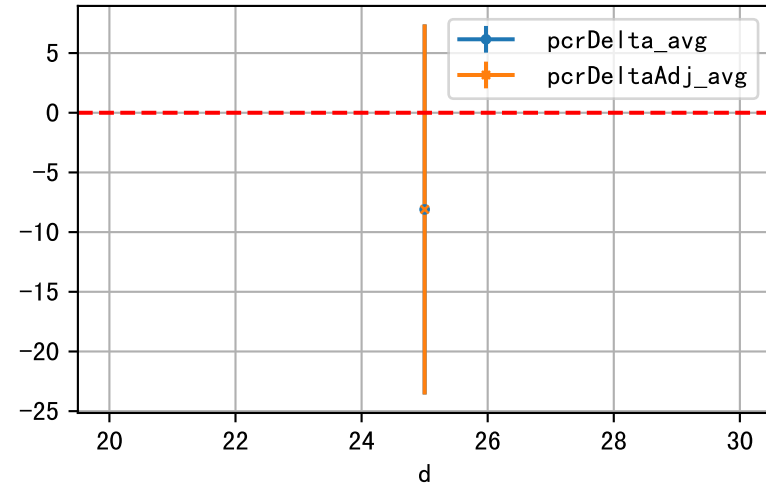


LfA: model est vs obs0v@Q50

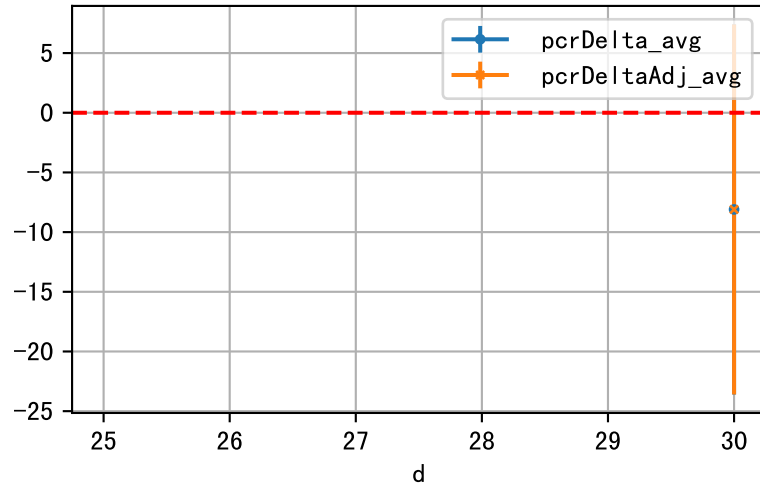


# P3-2 LfA: D\_5d\_LfA

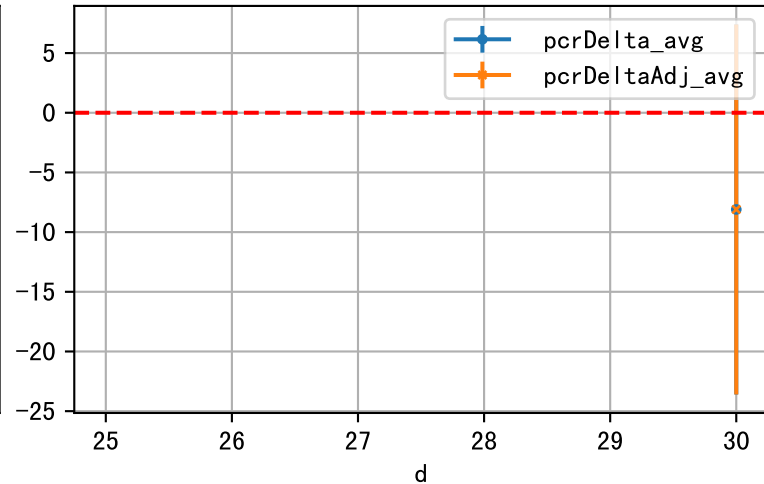
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

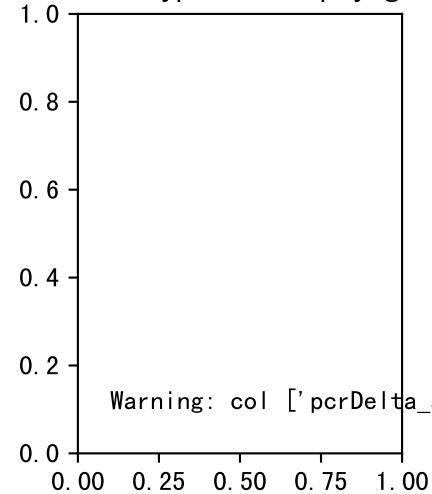


DeltaTypeAbbr=Wei AvgByD

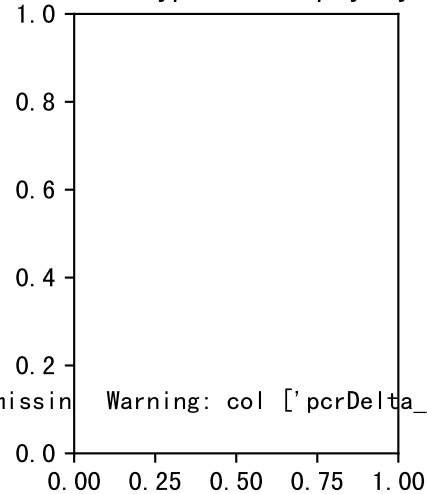


# P3-2 LfA: D\_15d\_LfA

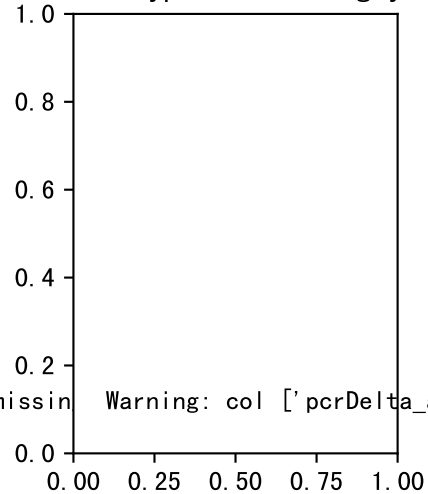
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

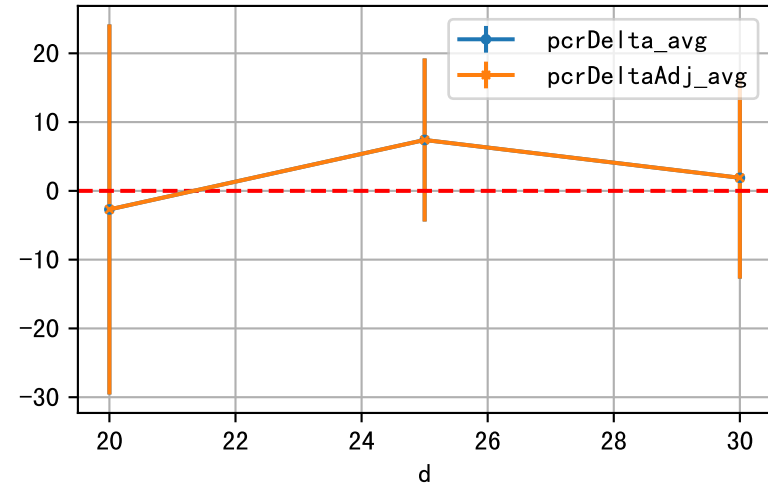


DeltaTypeAbbr=WeiAvgByD

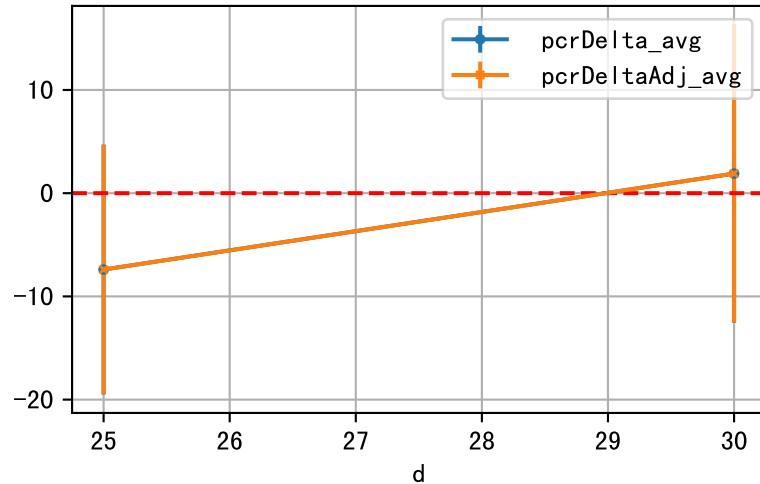


## P3-2 LfA: D\_Q50\_LfA

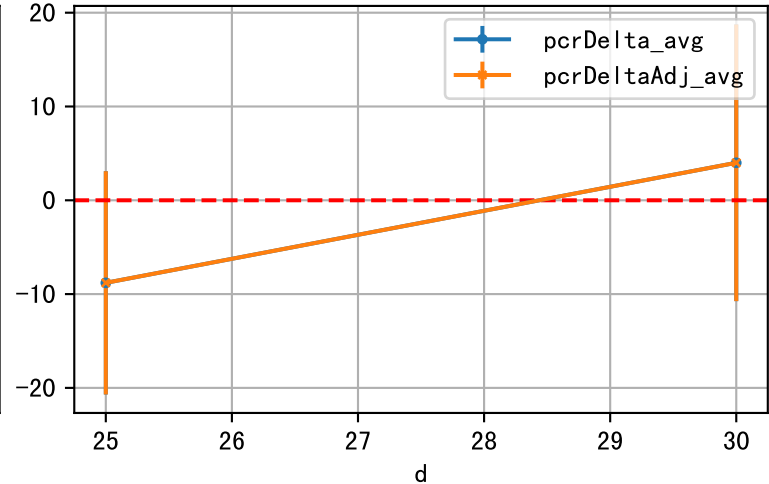
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

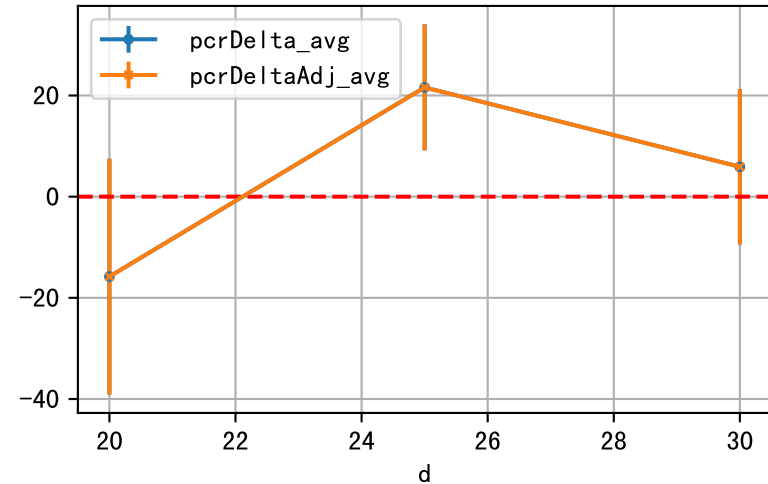


DeltaTypeAbbr=WeiAvgByD

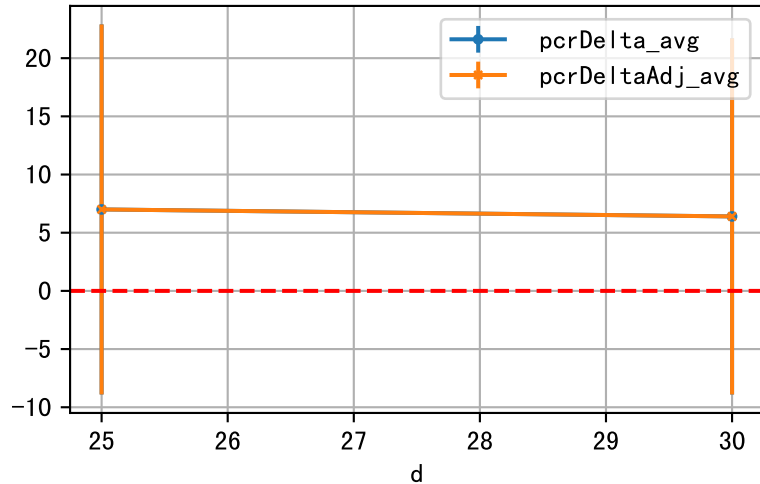


# P3-2 LfA: D\_Est\_LfA

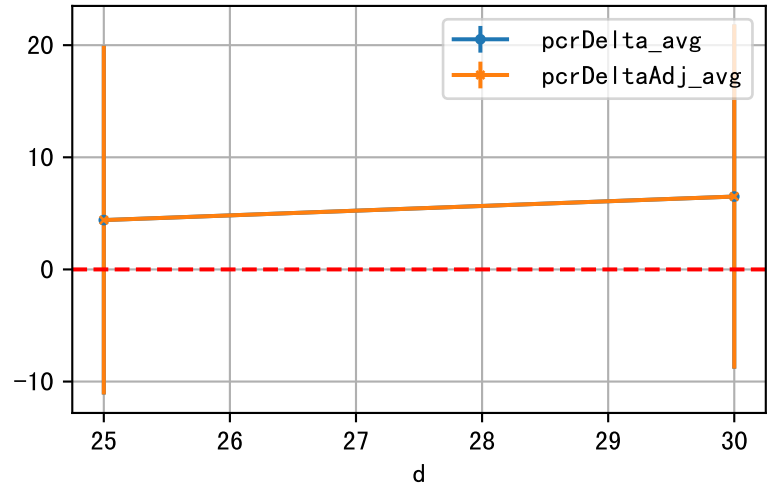
DeltaTypeAbbr=GrpByAge



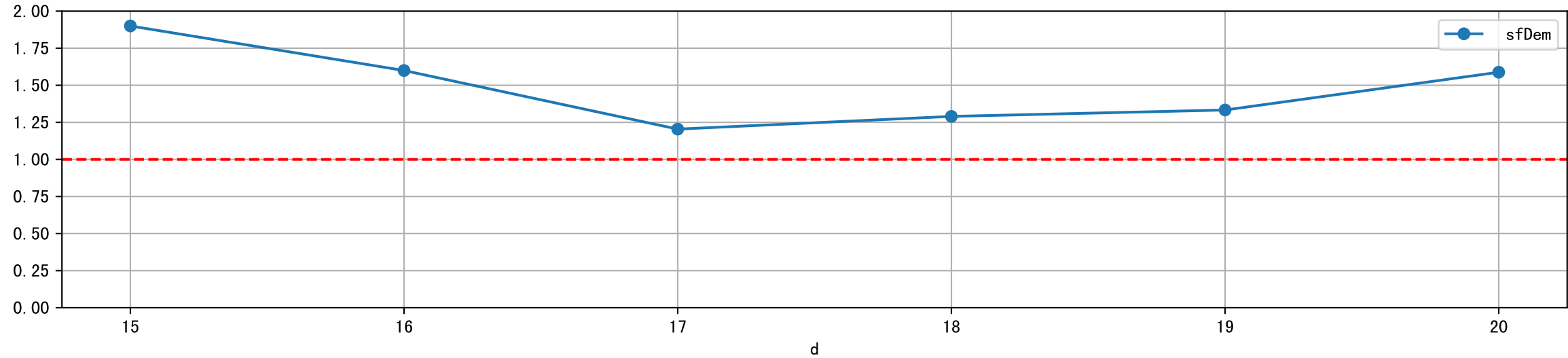
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD



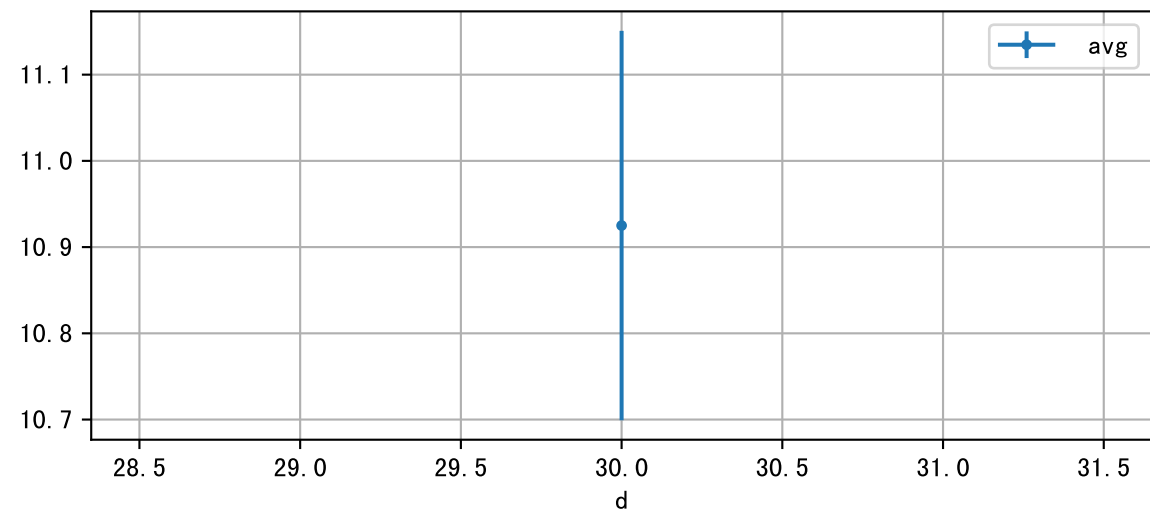
LfA: sfDem



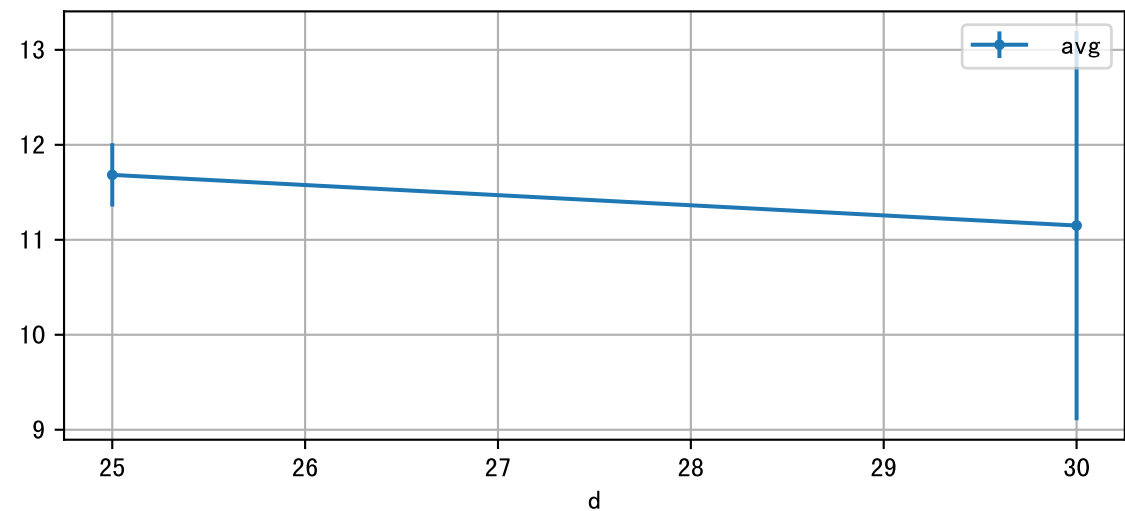


NdD: avg vs. d at each age group

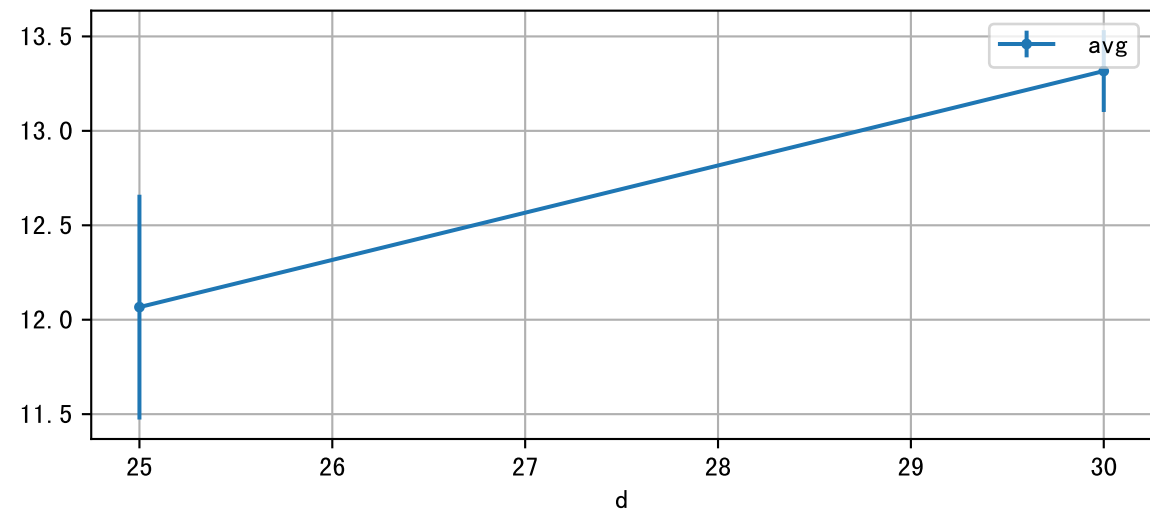
age=20



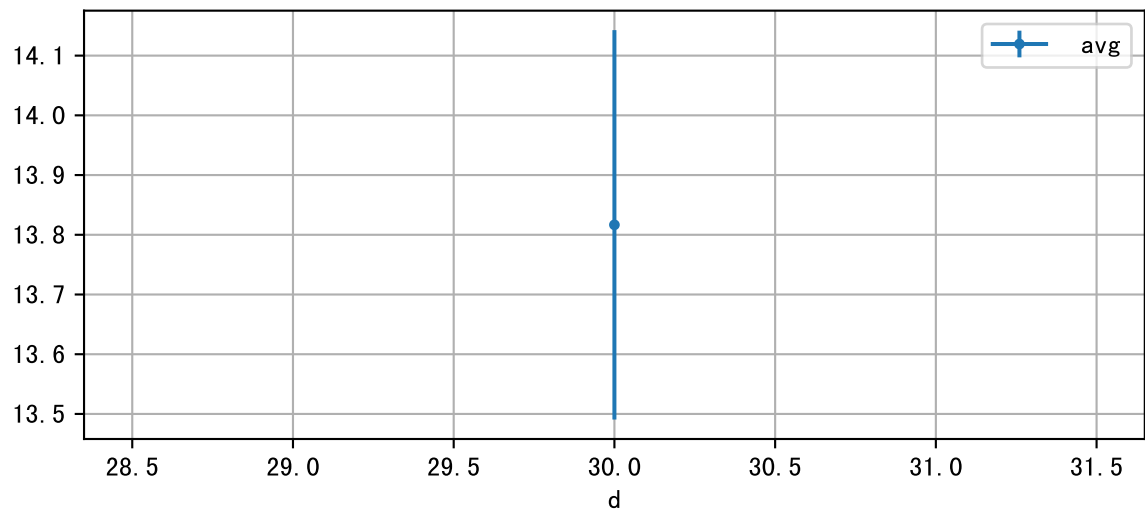
age=25



age=30

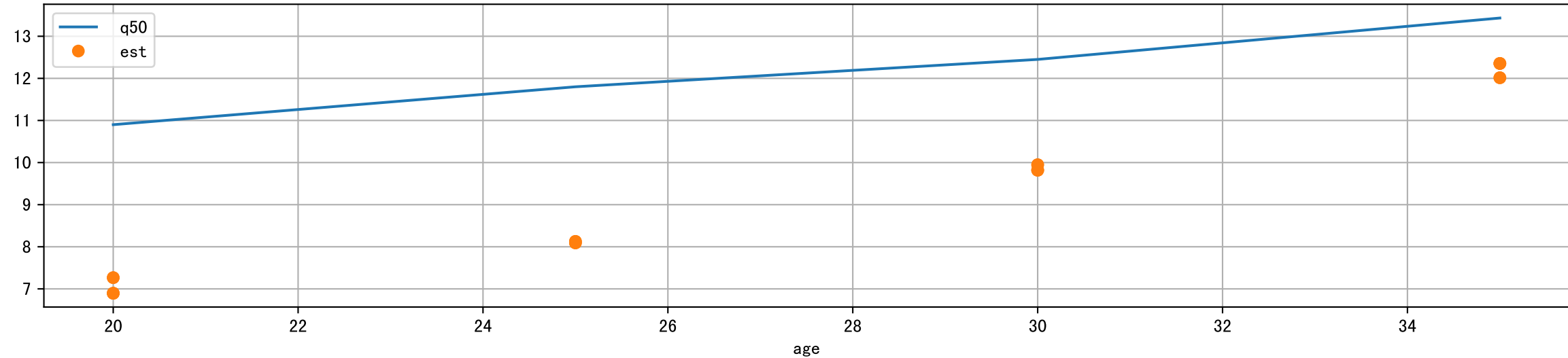


age=35



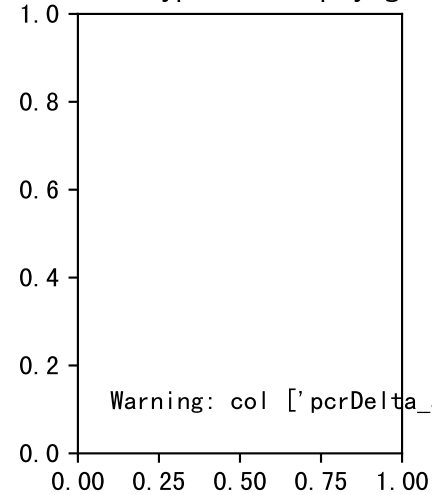


NdD: model est vs obs0v@Q50

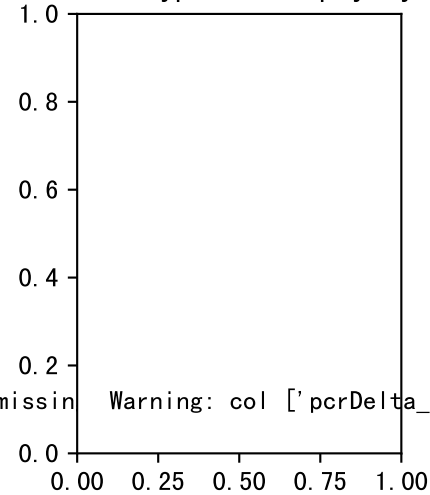


P3-2 NdD: D\_5d\_NdD

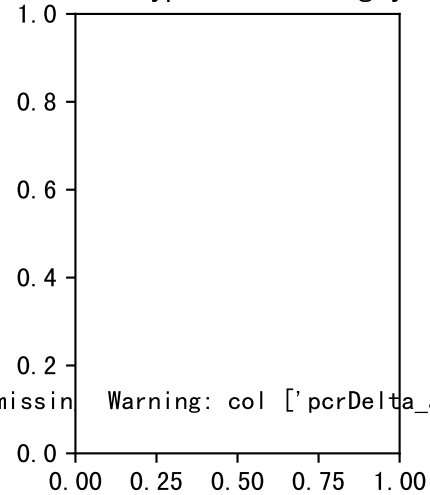
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

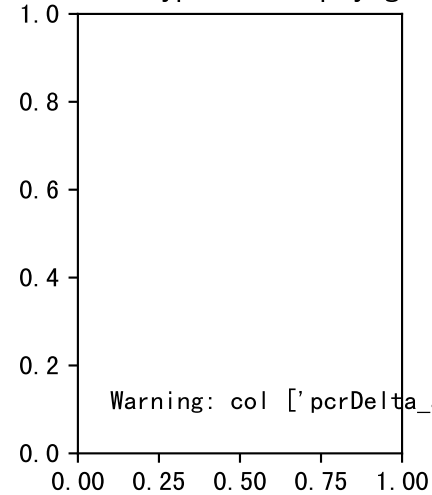


DeltaTypeAbbr=WeiAvgByD

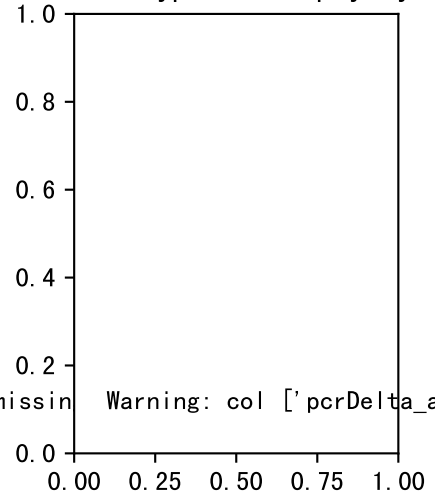


P3-2 NdD: D\_15d\_NdD

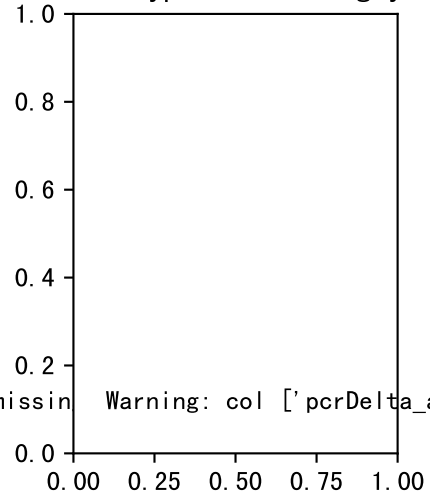
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

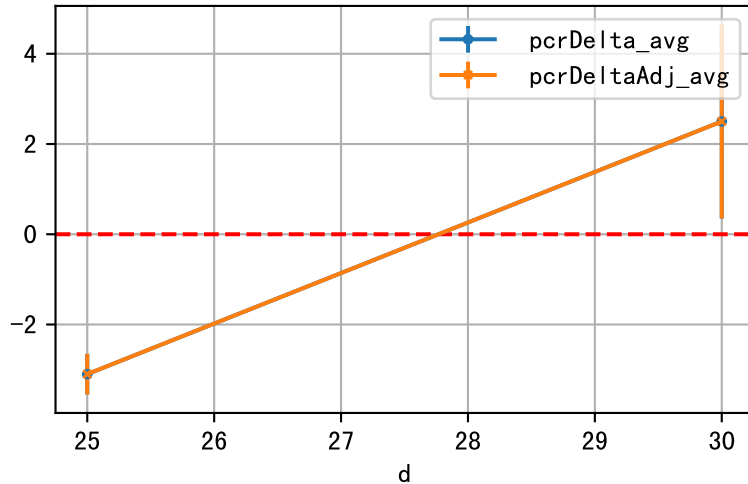


DeltaTypeAbbr=WeiAvgByD

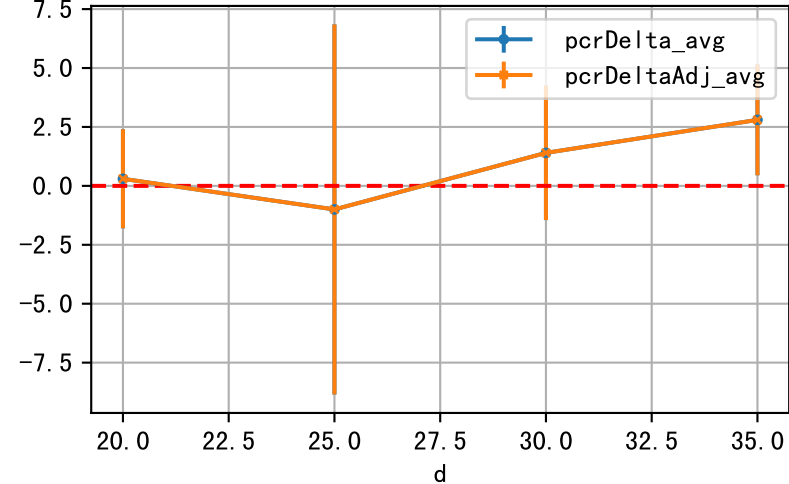


P3-2 NdD: D\_Q50\_NdD

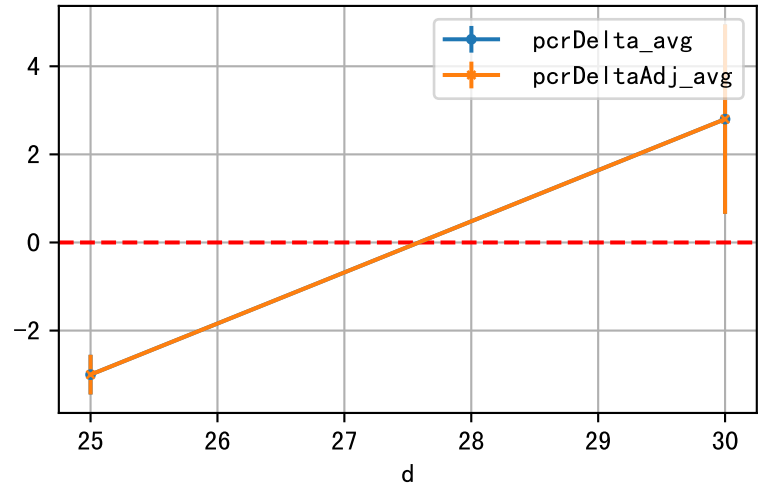
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

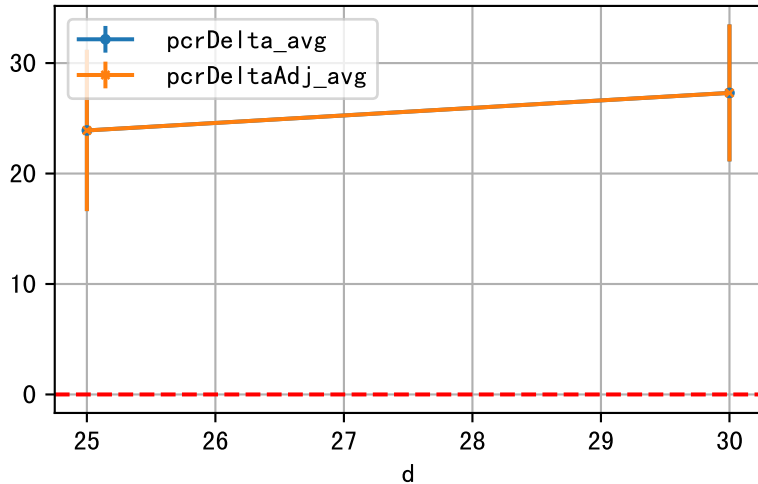


DeltaTypeAbbr=Wei AvgByD

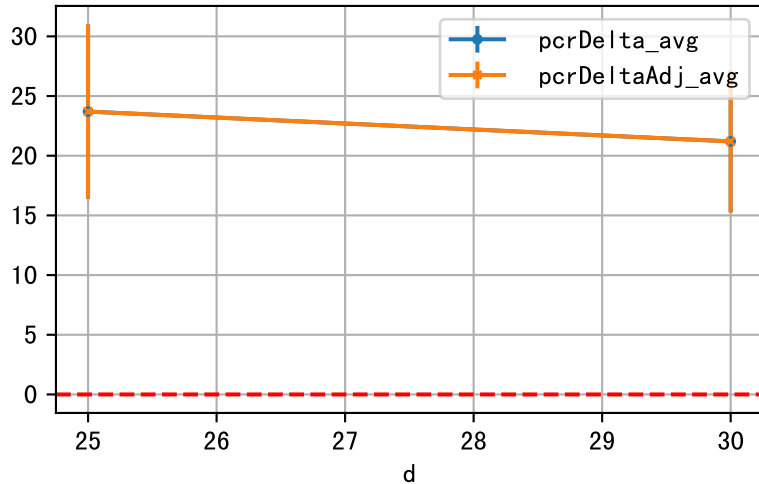


# P3-2 NdD: D\_Est\_NdD

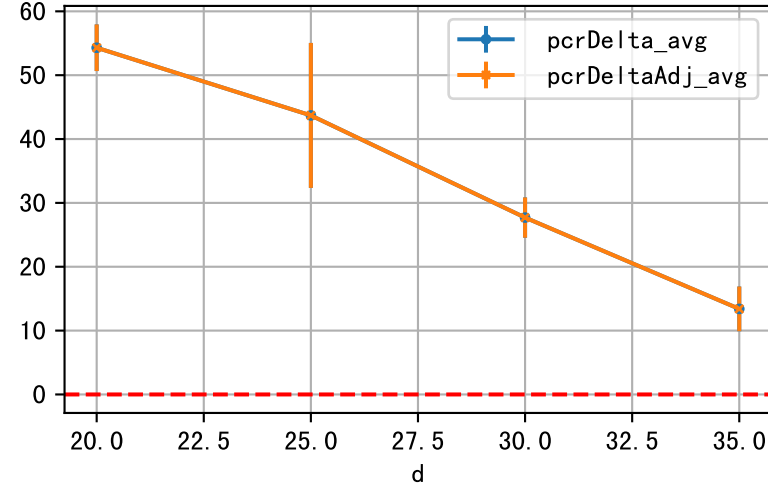
DeltaTypeAbbr=GrpByDay



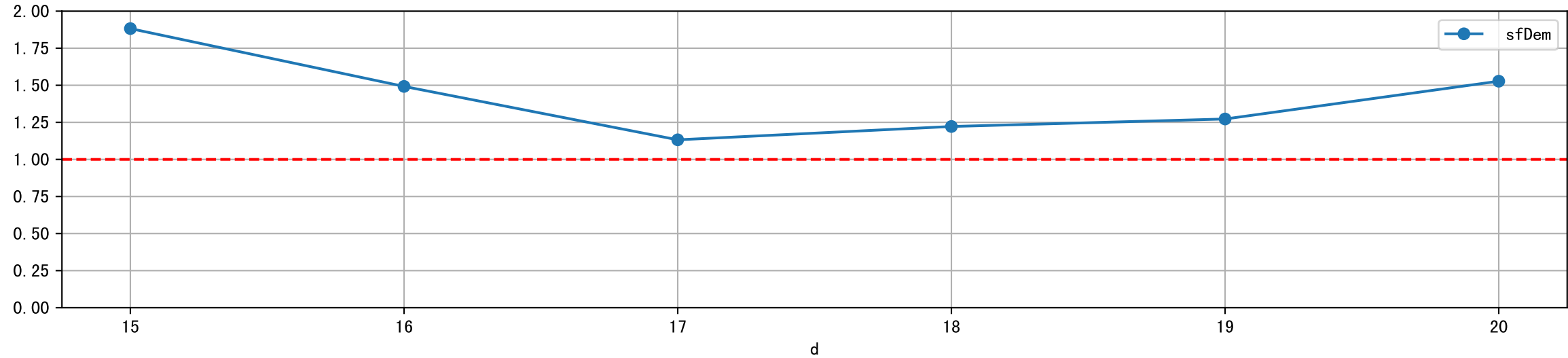
DeltaTypeAbbr=Wei AvgByD



DeltaTypeAbbr=GrpByAge

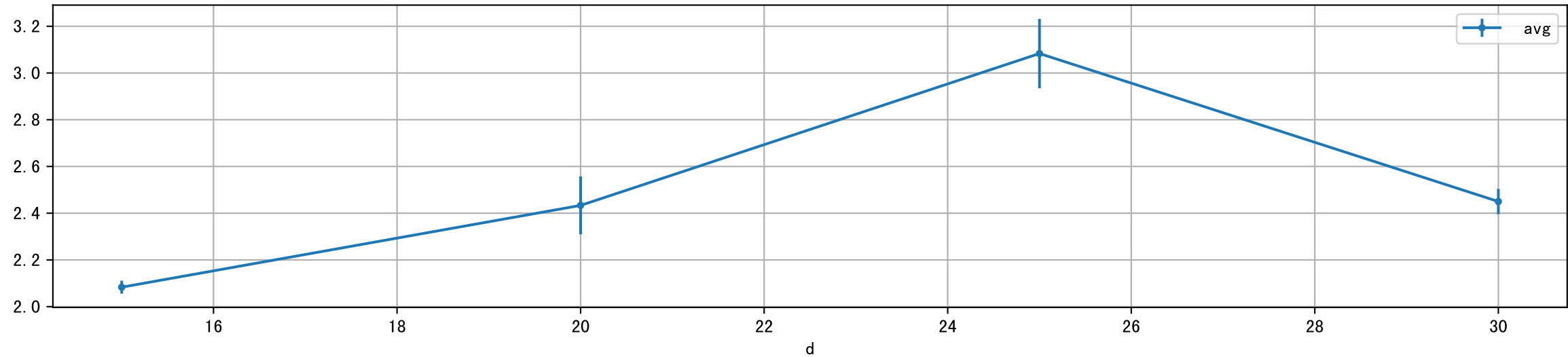


NdD: sfDem



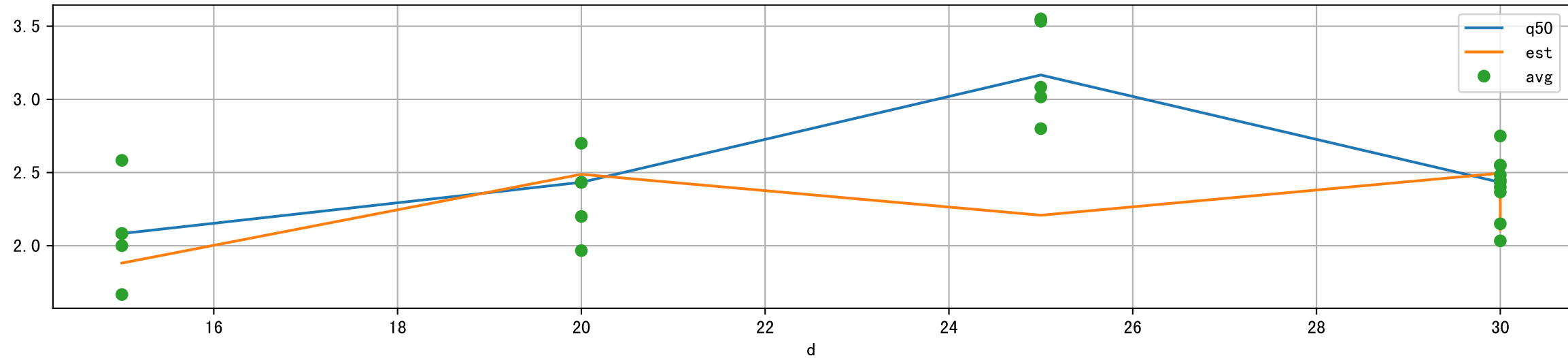


dStH: avg vs. d

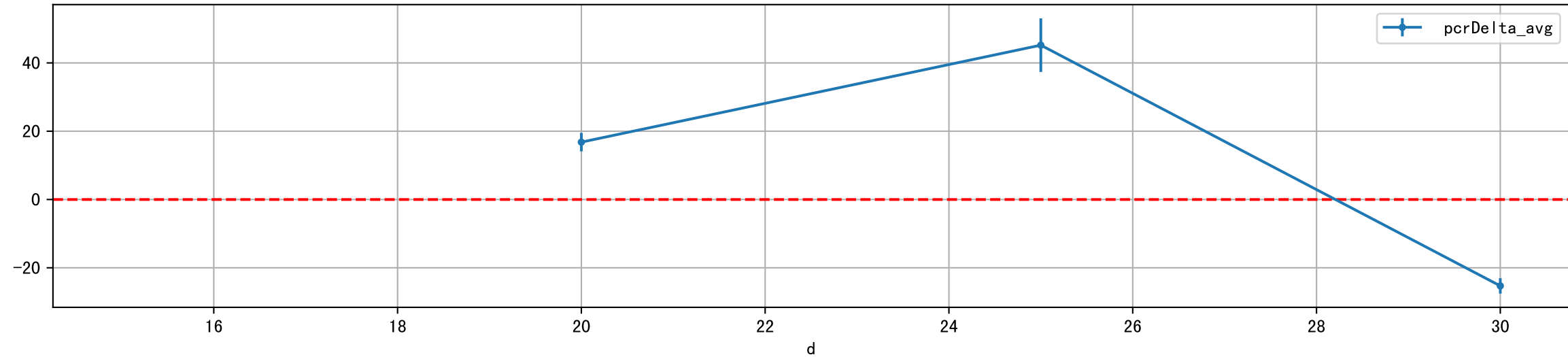




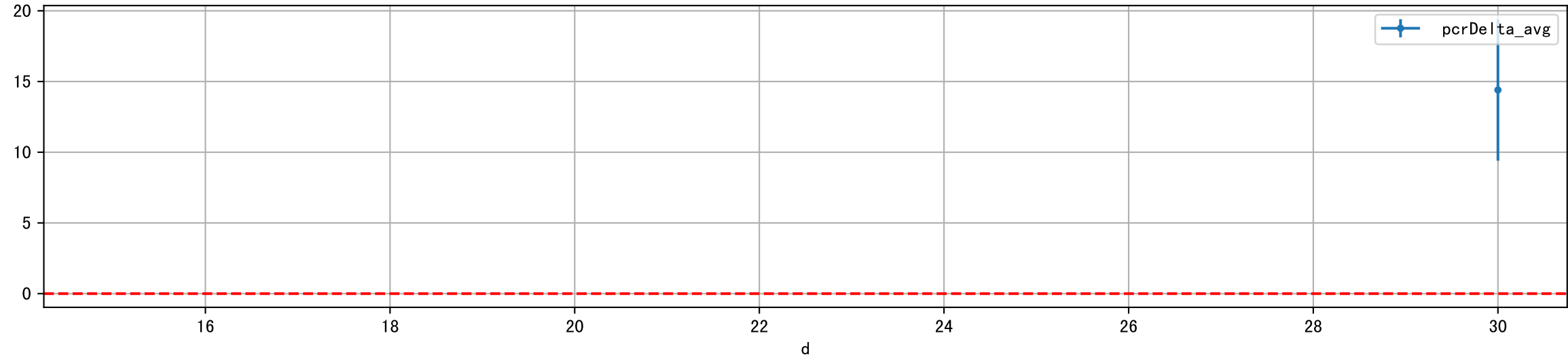
dStH: obsAvg vs obs0v@Q50



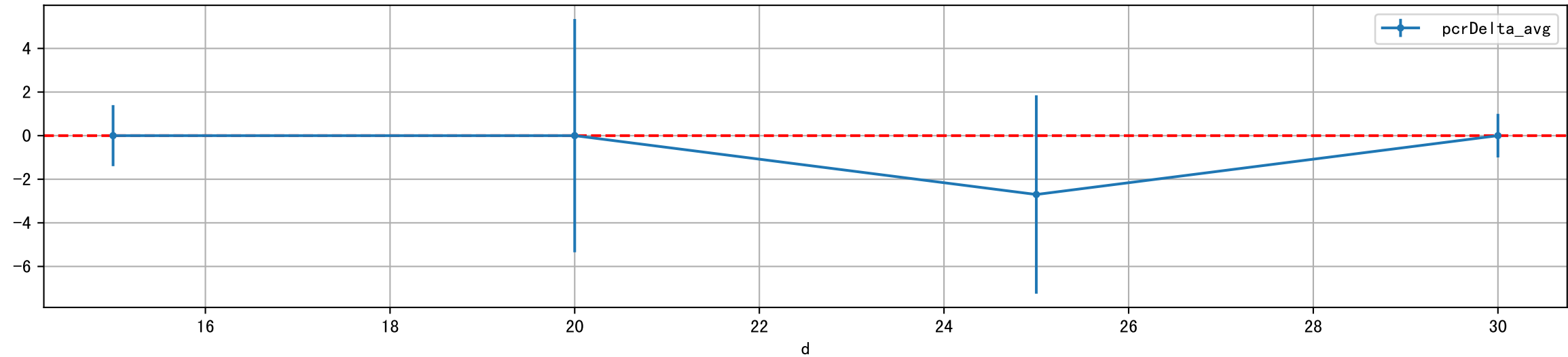
dStH: D\_5d\_StH



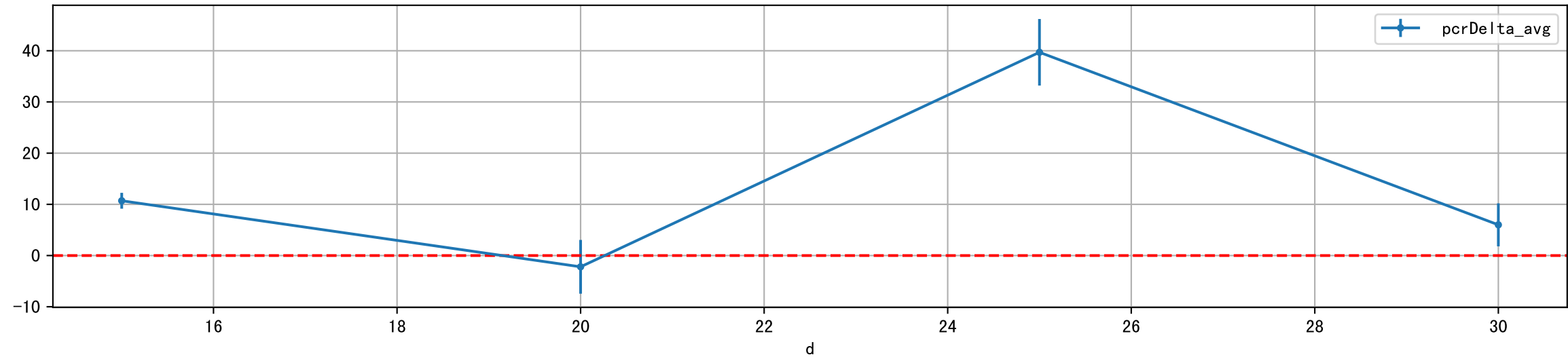
dStH: D\_15d\_StH



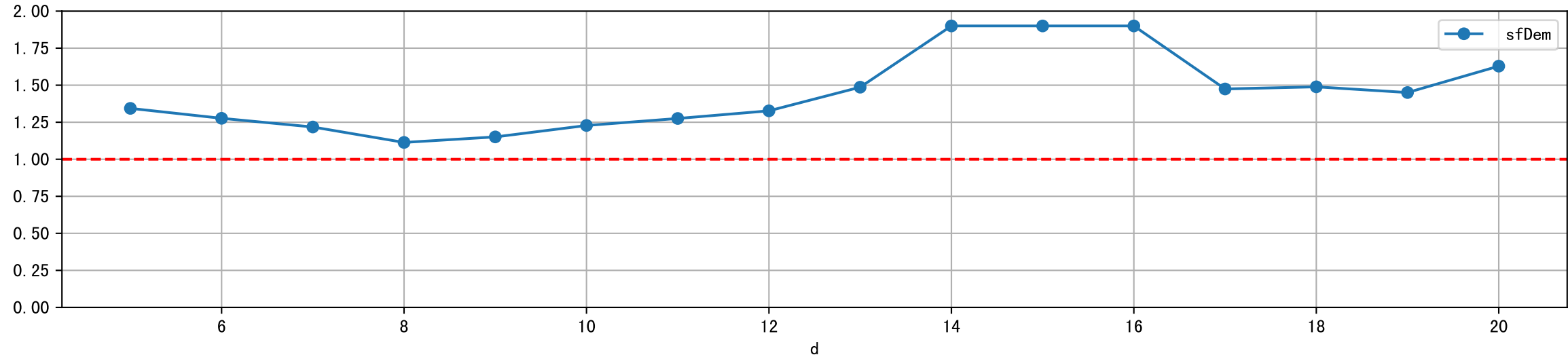
dStH: D\_Q50\_StH



dStH: D\_Est\_StH

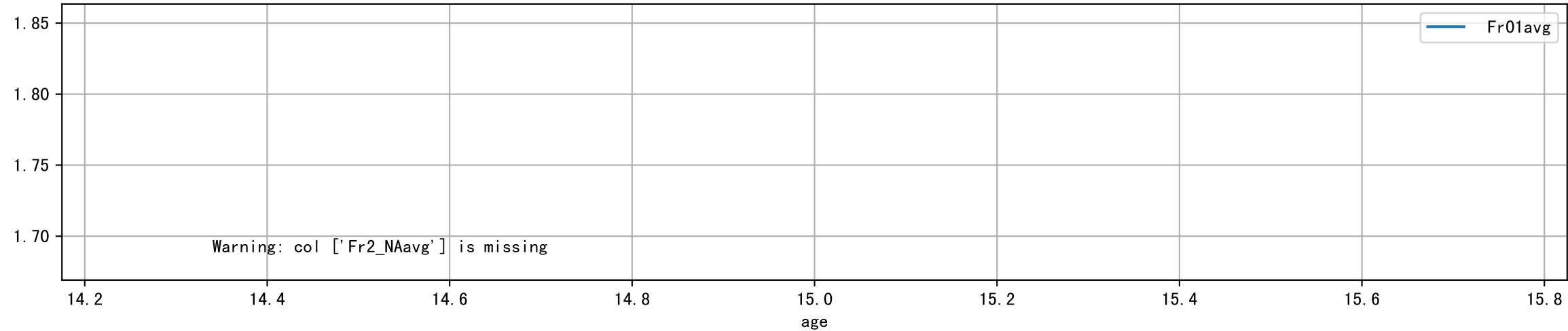


dStH: sfDem





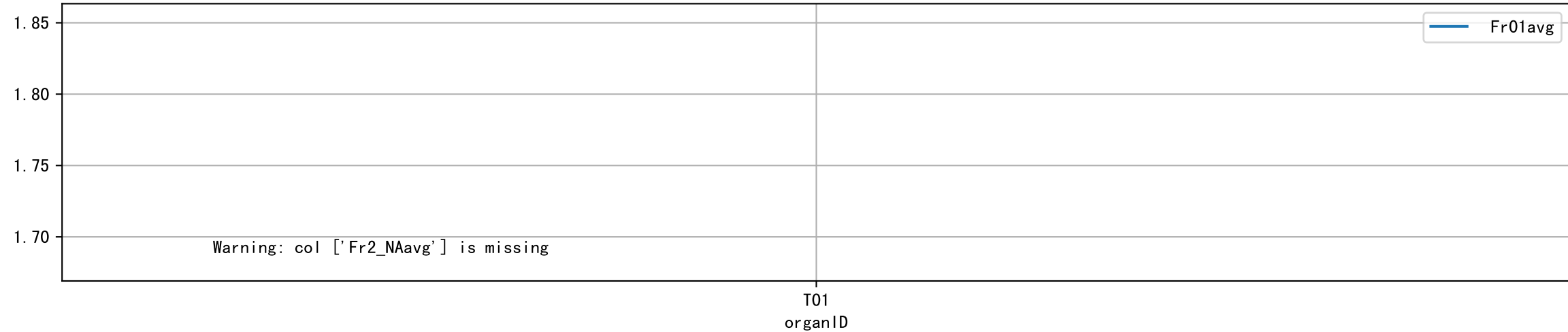
FrV: Fr01 vs Fr2\_NA at each truss  
organID=T01



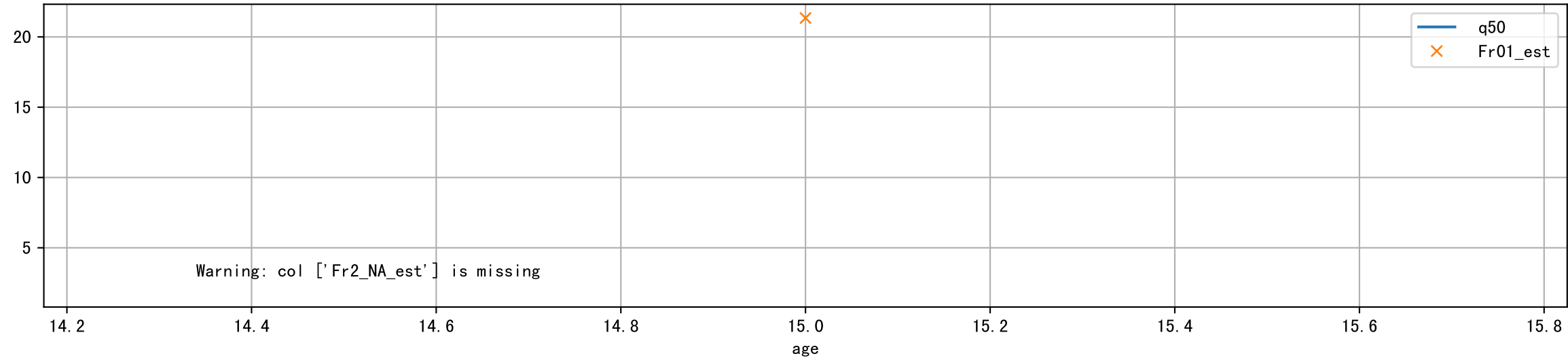


# FrV trend at each age

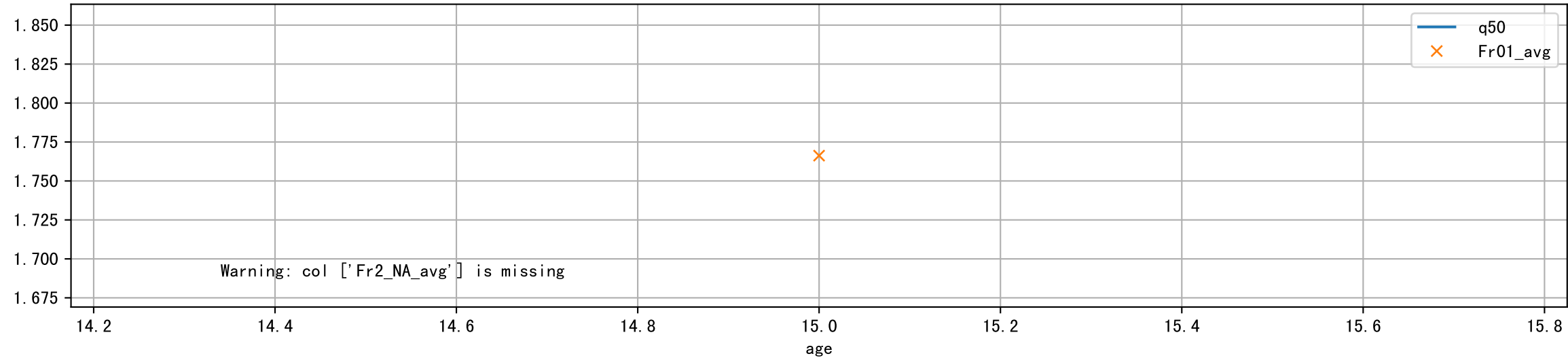
age=15



FrV: model Est vs obsFrV at Q90

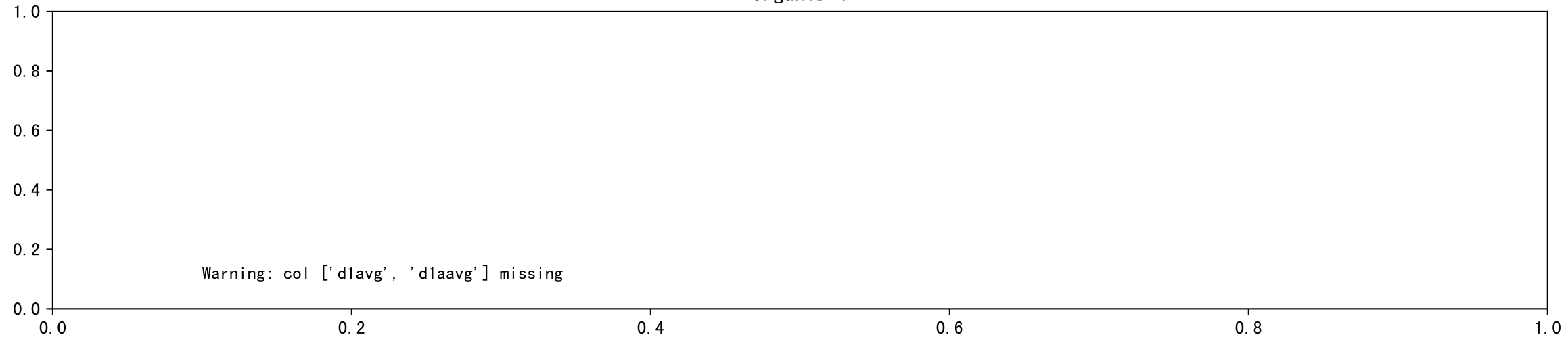


FrV: obsFrV vs obsFrV@Q90



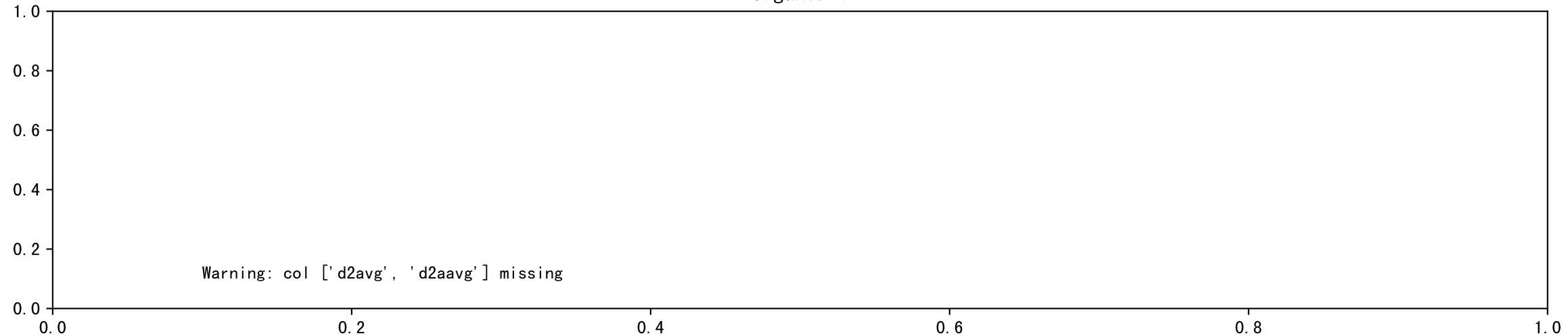
FrV: D\_Fr1\_FrV  
organID=1

Warning: col ['d1avg', 'd1aavg'] missing

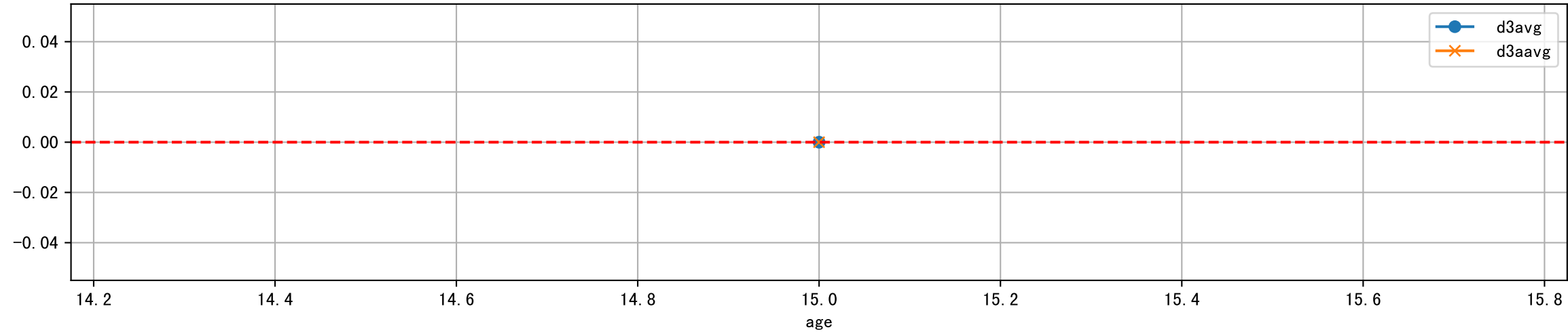


FrV: D\_Ts\_FrV  
organID=1

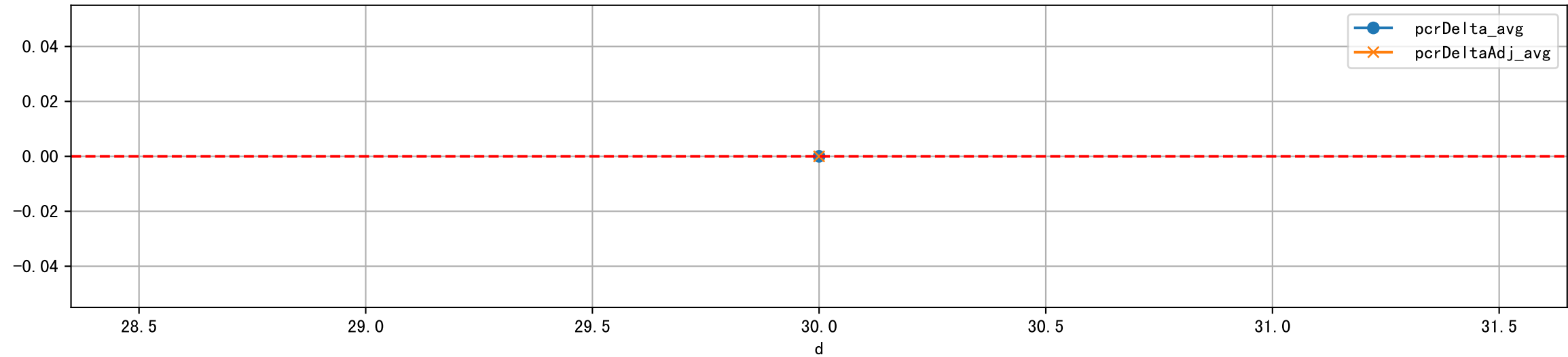
Warning: col ['d2avg', 'd2aavg'] missing



FrV: D\_Q50\_FrV  
organID=1



P3-2 FrV: D\_Q50\_FrV



FrV: D\_Est\_FrV  
organID=1

