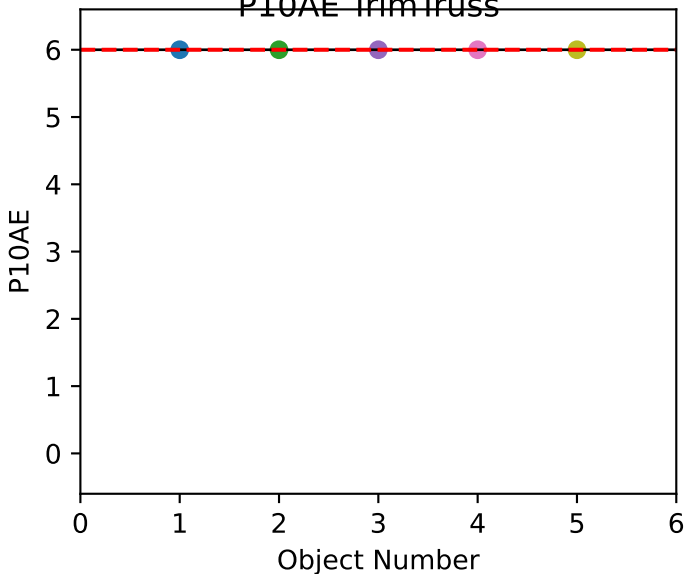


Phenotype Data Analysis Plots
PhenoData day range = 10 - 46
Analysis cutoff day = 46
NC11 P10
2025-05-17 (Day 47)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0 ~0% avg2=na

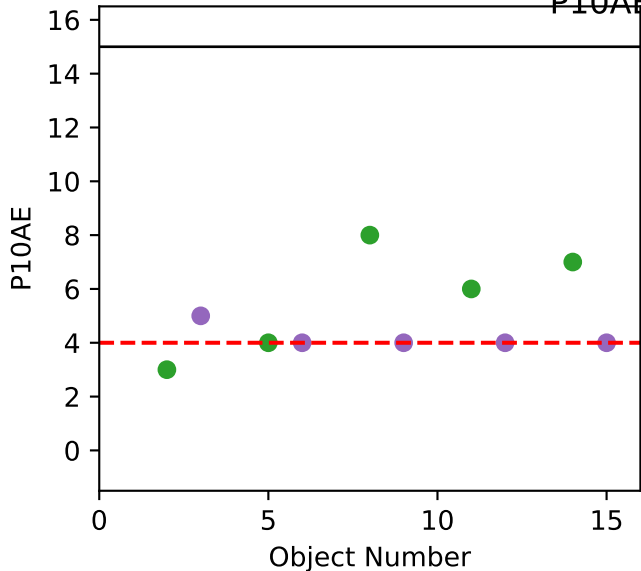
P10AE Trim Truss



FruitNumAvgPerTruss (Def=15 Set=4)

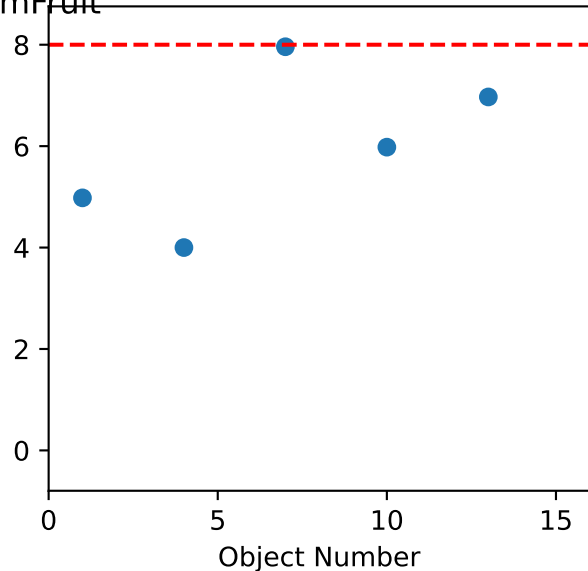
avg1=4.0~40% avg2=na

P10AE TrimFruit

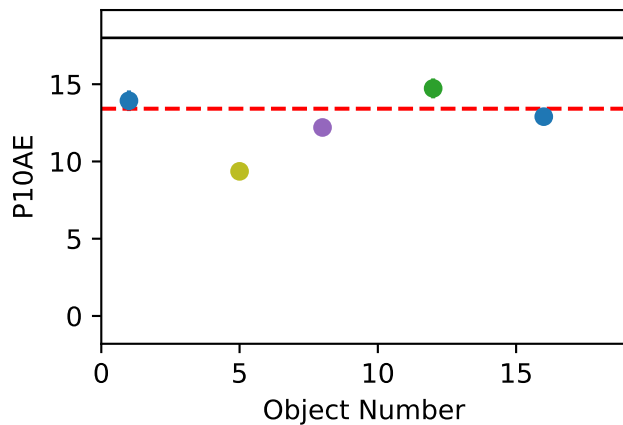


FruitNumMaxPerTruss (Def=na Set=8)

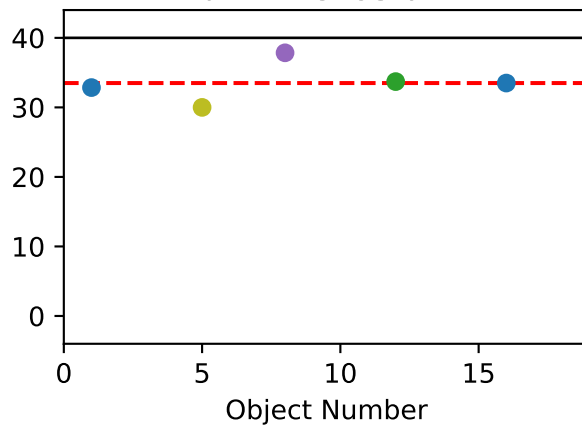
avg1=8.0~21% avg2=na



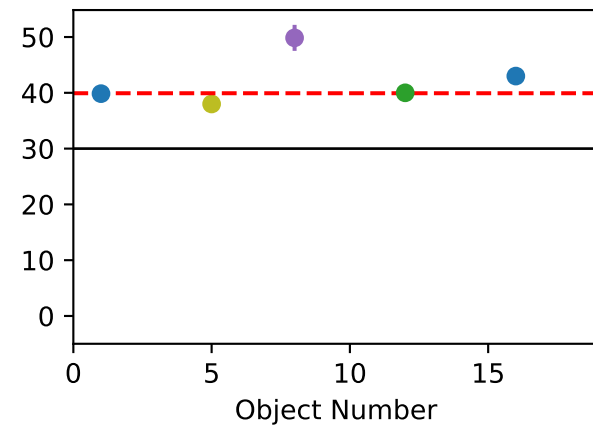
NdD_Q90AbsY (Def=18 Set=13.41)
avg1=13.41~8% avg2=na



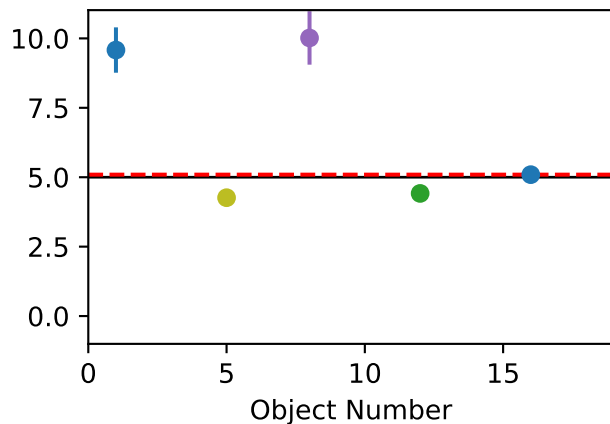
LfL_Q90AbsY (Def=40 Set=33.5)
avg1=33.5~1% avg2=na



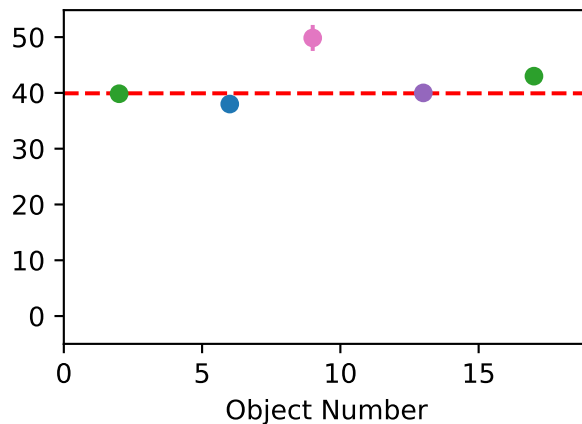
LfW_Q90AbsY (Def=30 Set=39.92)
avg1=39.92~5% avg2=na



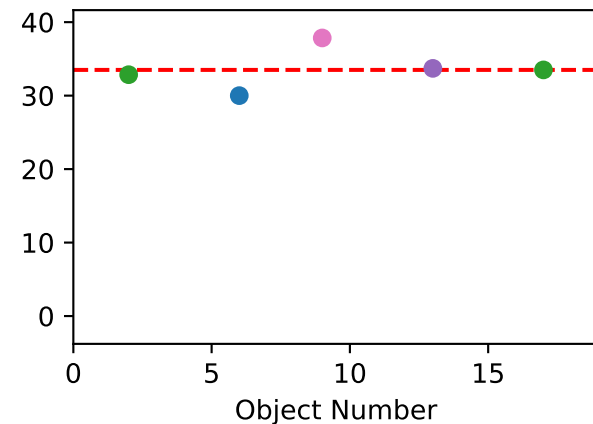
NdL_Q90AbsY (Def=5 Set=5.09)
avg1=5.09~56% avg2=na



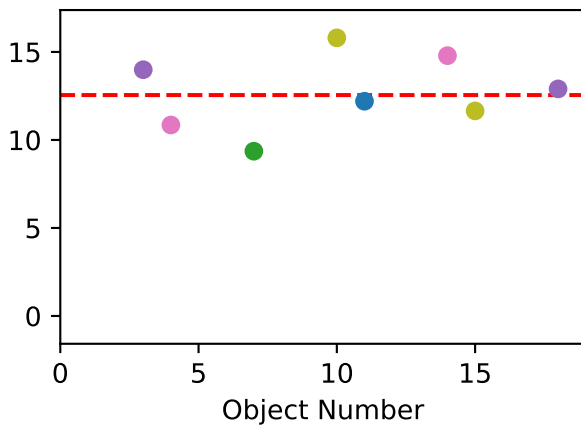
LfW_avgAbsY (Def=na Set=39.92)
avg1=39.92~5% avg2=na



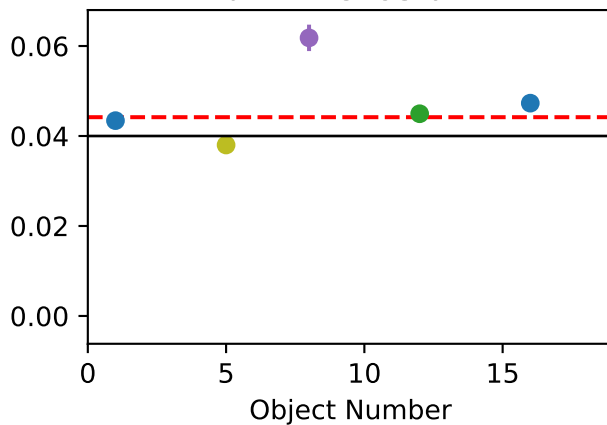
LfL_avgAbsY (Def=na Set=33.5)
avg1=33.5~1% avg2=na



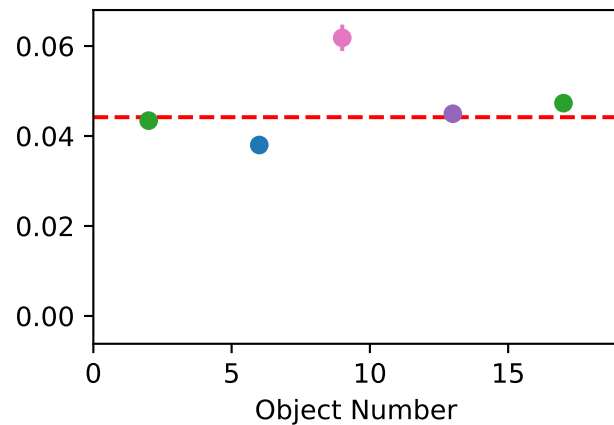
NdD_avgAbsY (Def=na Set=12.55)
avg1=12.55~17% avg2=na



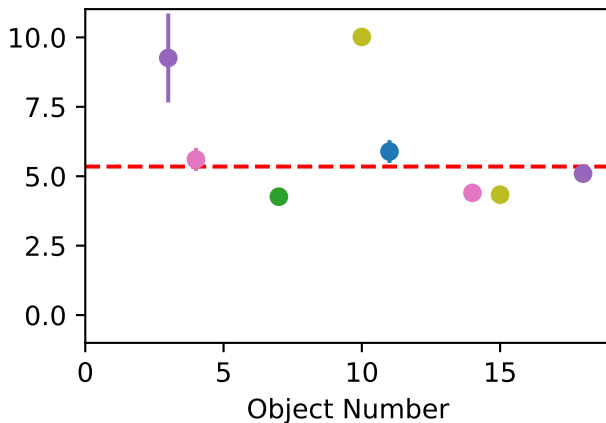
LfA_Q90AbsY (Def=0.04 Set=0.04)
avg1=0.04~9% avg2=na



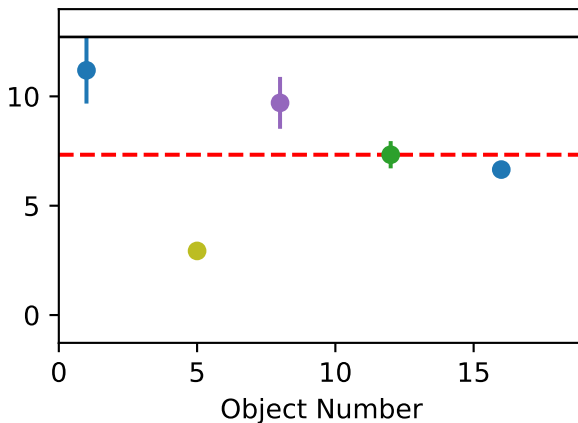
LfA_avgAbsY (Def=na Set=na)
avg1=0.04~9% avg2=na



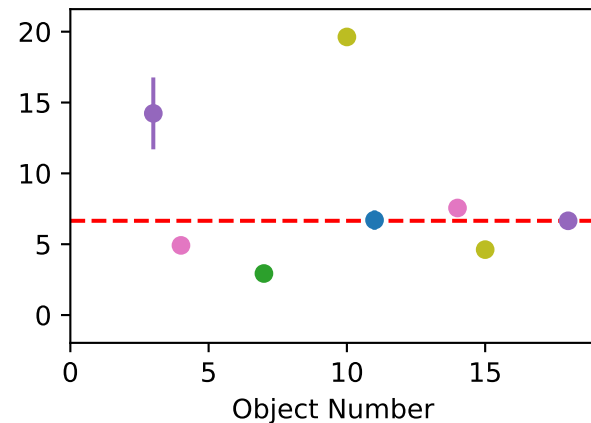
NdL_avgAbsY (Def=na Set=5.35)
avg1=5.35~42% avg2=na



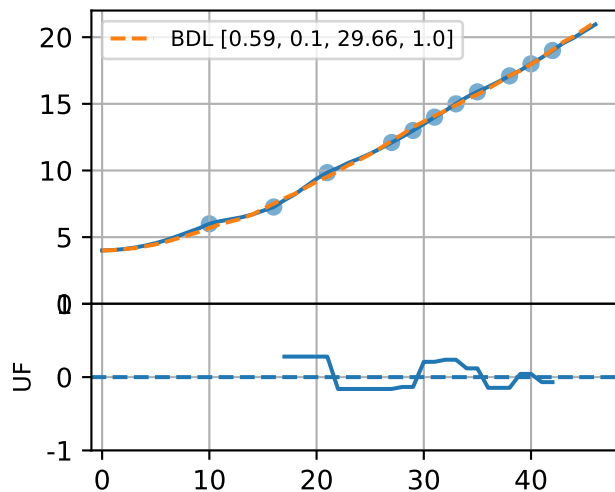
NdV_Q90AbsY (Def=12.72 Set=7.33)
avg1=7.33~43% avg2=na



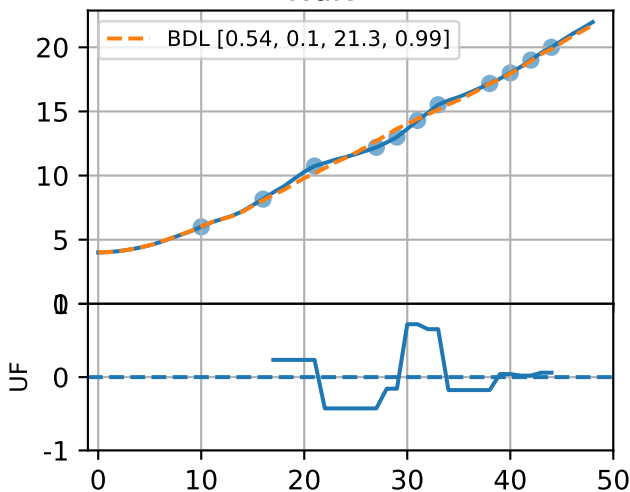
NdV_avgAbsY (Def=na Set=6.65)
avg1=6.65~55% avg2=na



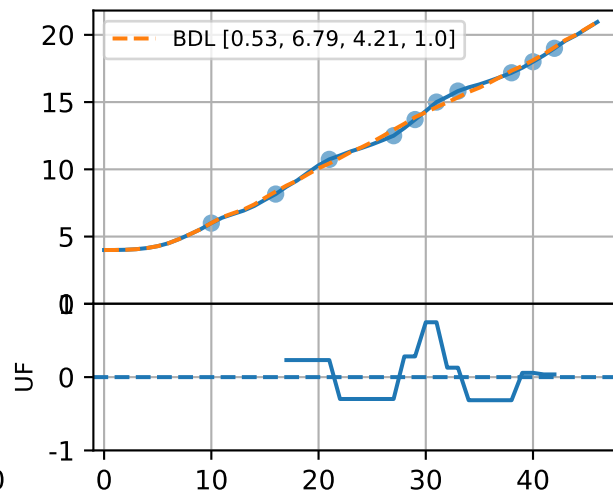
P10AE-063-19 (fit failed)



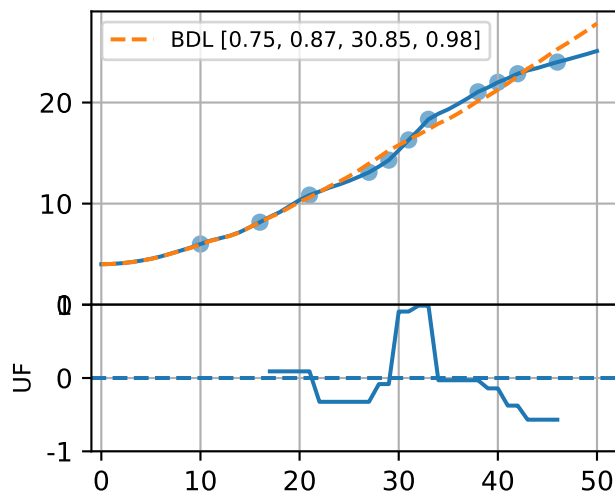
P10AE-076-15 (fit failed)



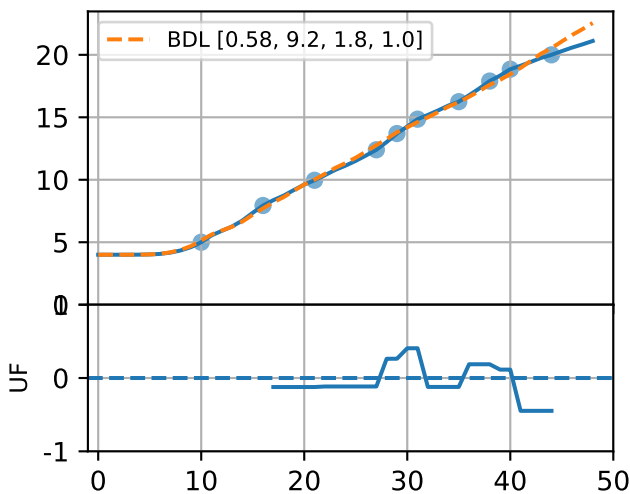
P10AE-089-22 (fit failed)



P10AE-103-17 (fit failed)



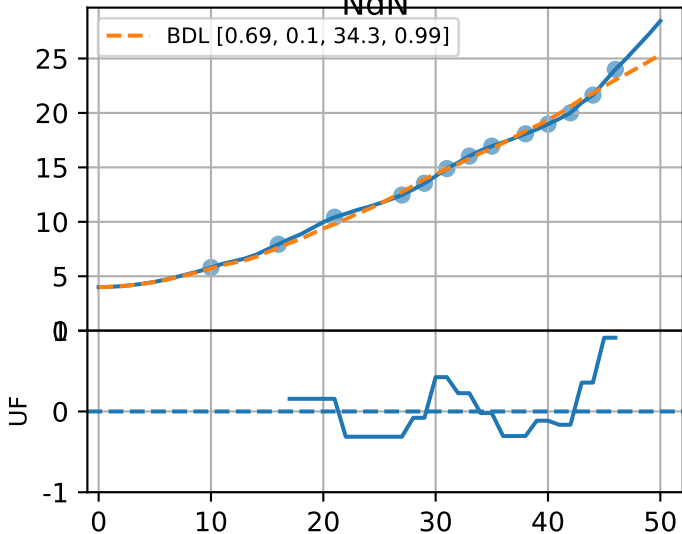
P10AE-116-21 (fit failed)



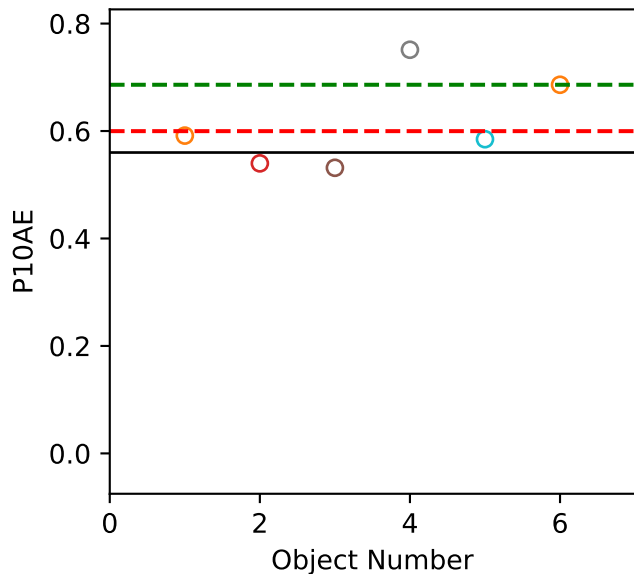
P10AEavg (fit failed)

NaN

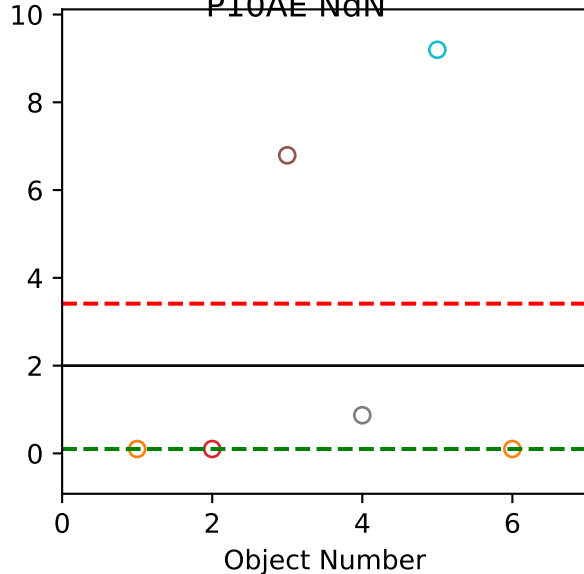
BDL [0.69, 0.1, 34.3, 0.99]



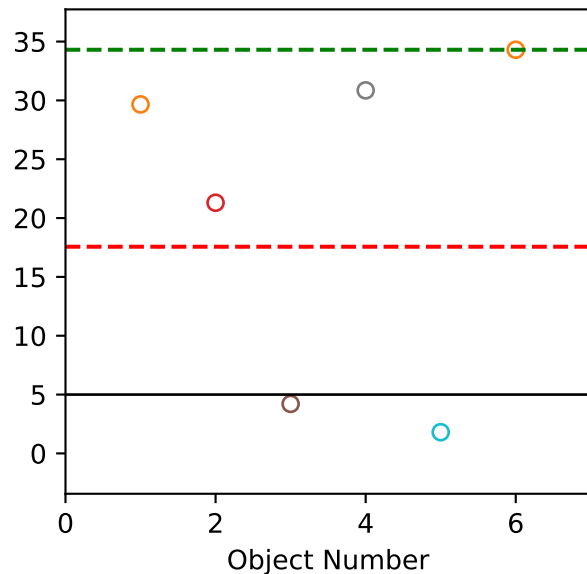
a (Def=0.56 Set=0.69)
avg1=0.6(fail) avg2=0.69



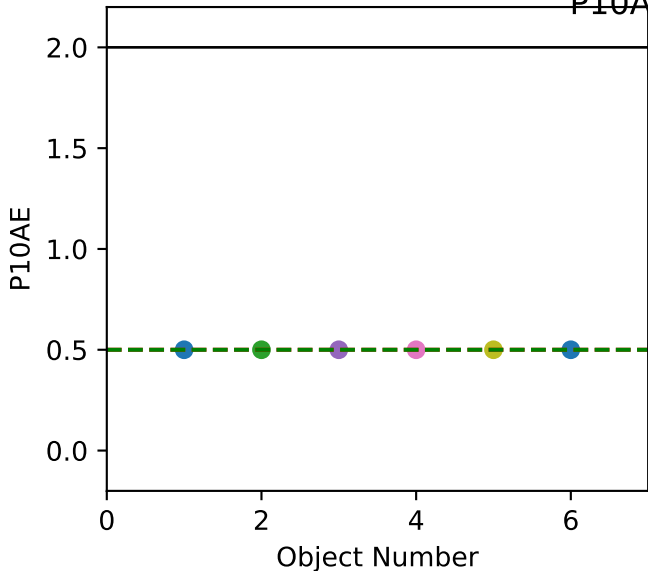
dm (Def=2 Set=0.1)
avg1=3.41(fail) avg2=0.1



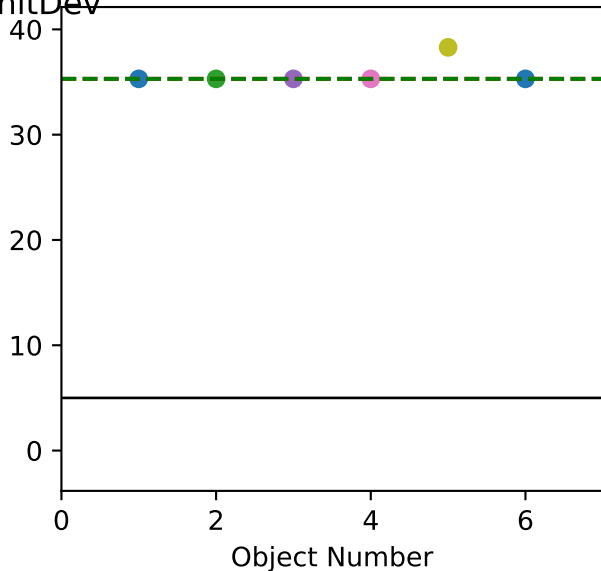
de (Def=5 Set=34.3)
avg1=17.56(fail) avg2=34.3



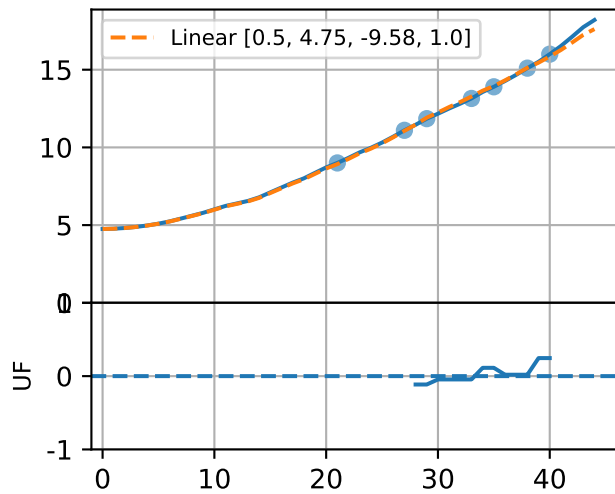
InitDev_dm (Def=2 Set=0.5)
avg1=0.5~0% avg2=0.5



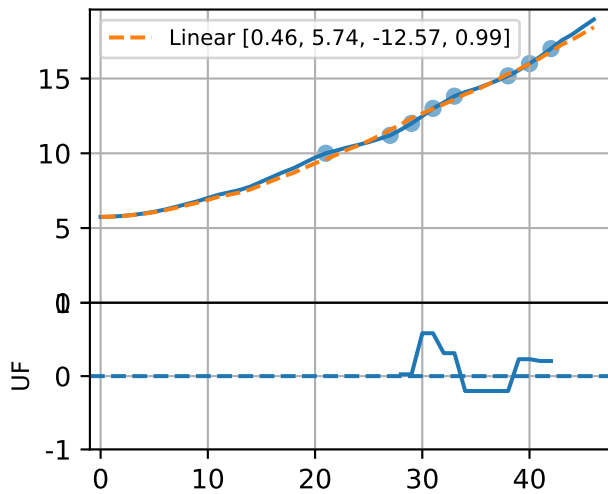
InitDev_de (Def=5 Set=35.3)
avg1=35.3~0% avg2=35.3



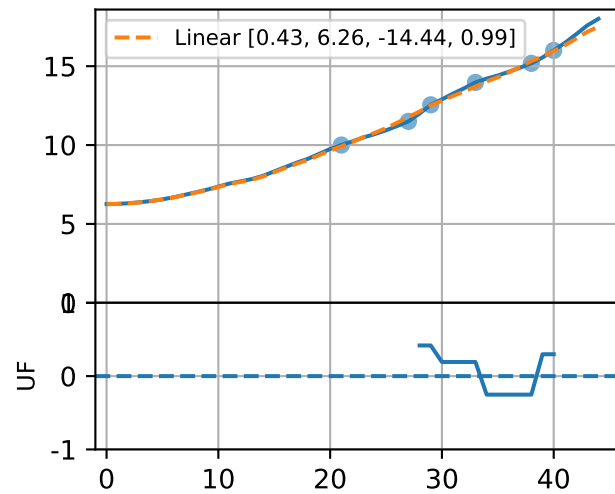
P10AE-063-19



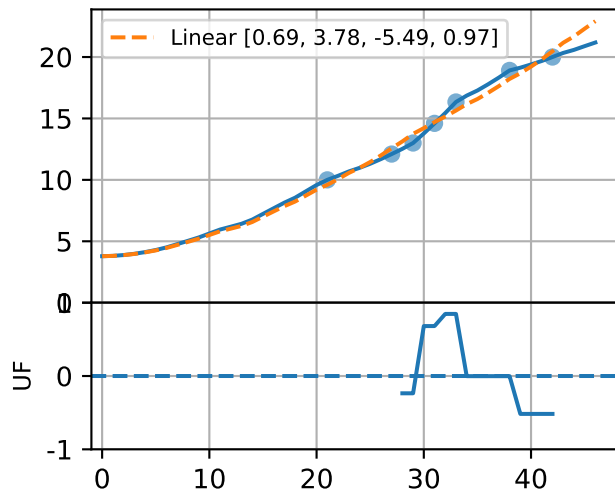
P10AE-076-5



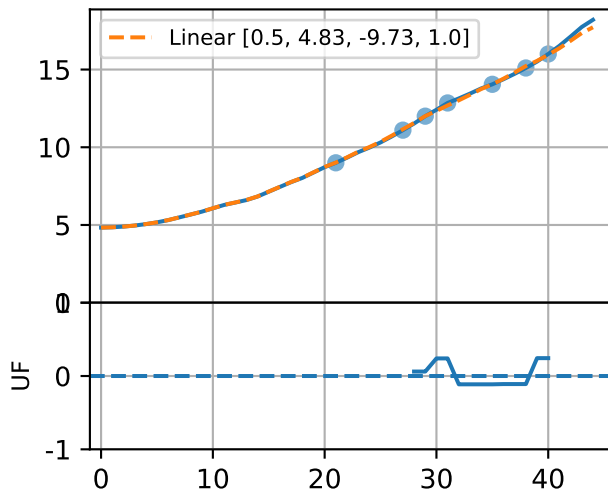
P10AE-089-22



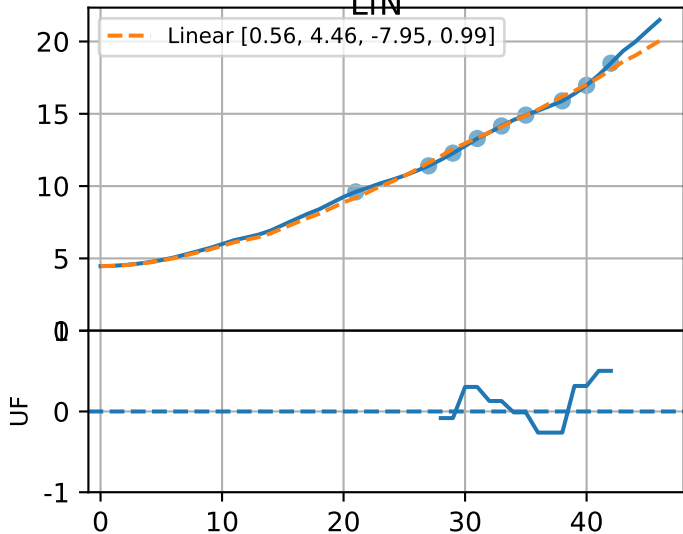
P10AE-103-17

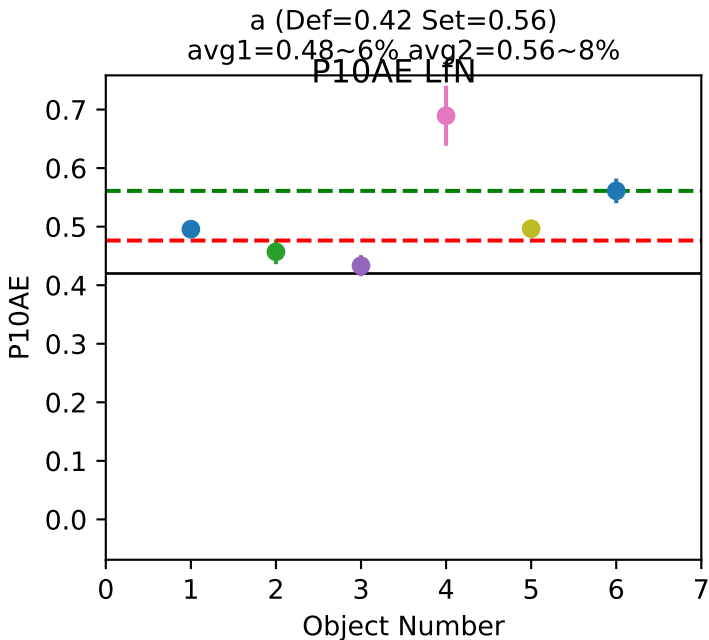


P10AE-116-21

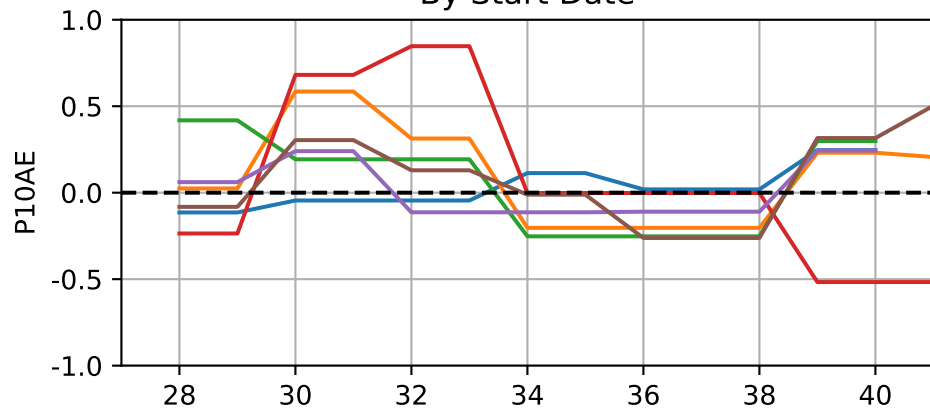


P10AEavg
LfN

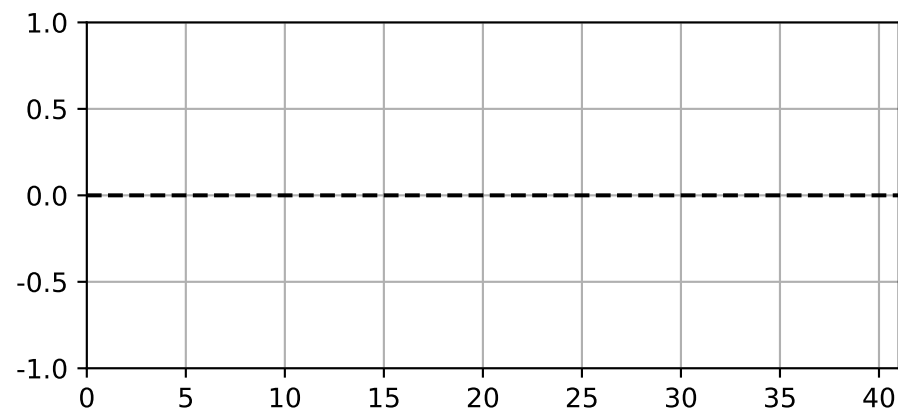
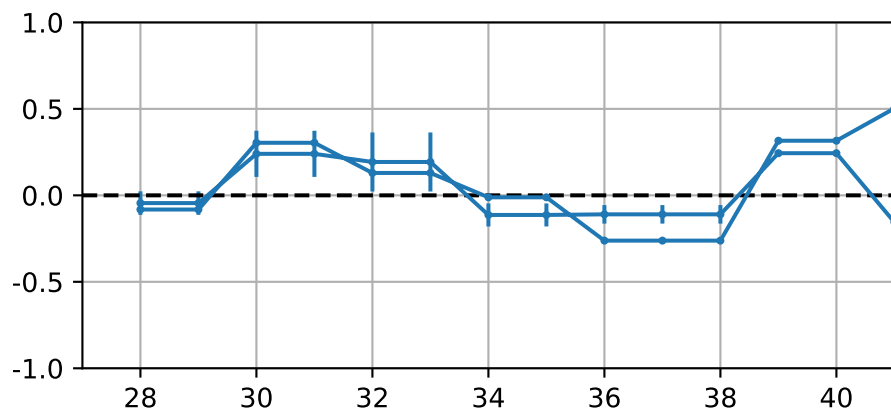
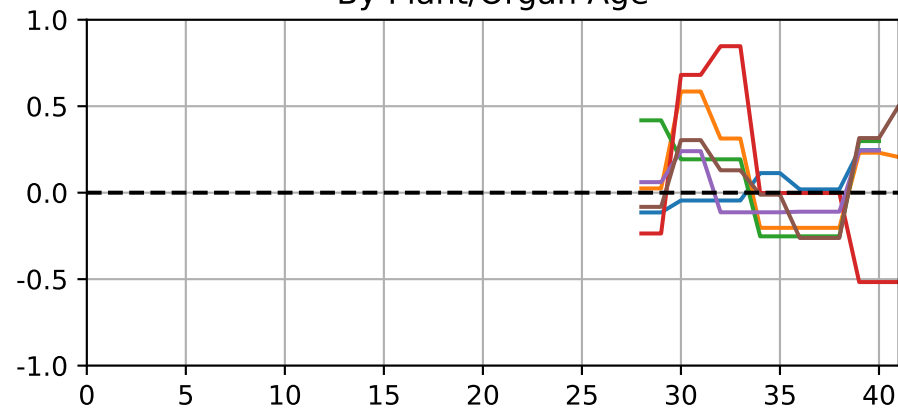




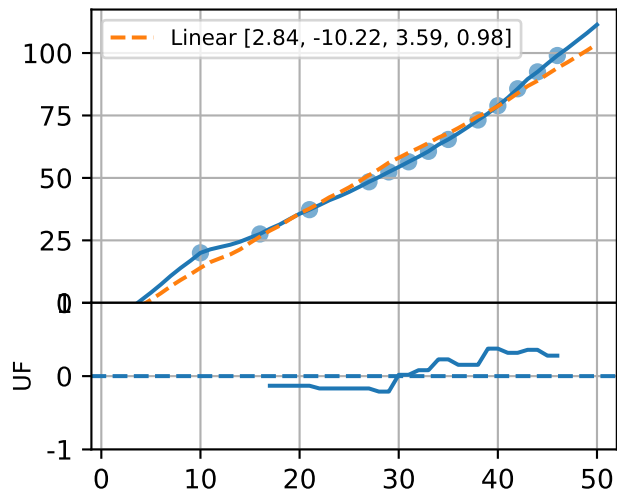
By Start Date



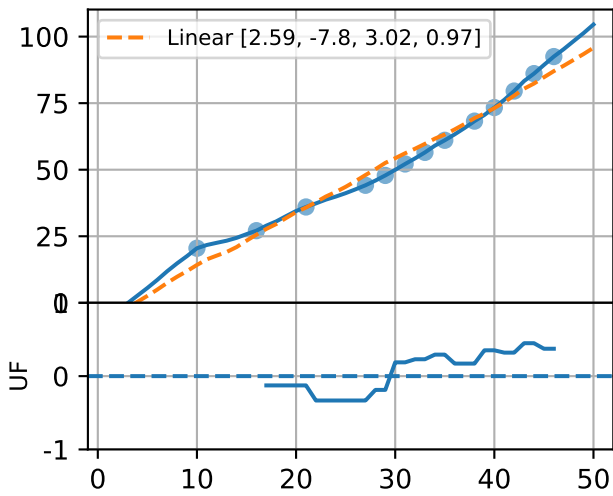
By Plant/Organ Age



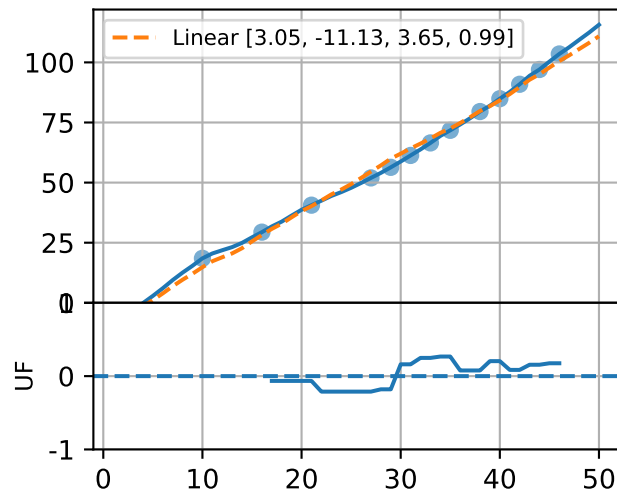
P10AE-063-19



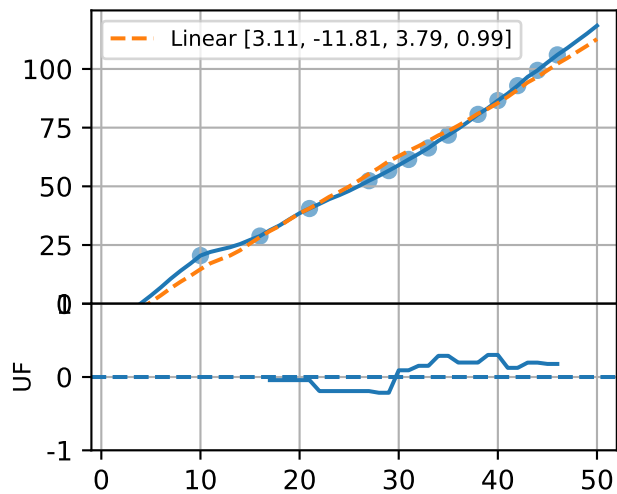
P10AE-076-5



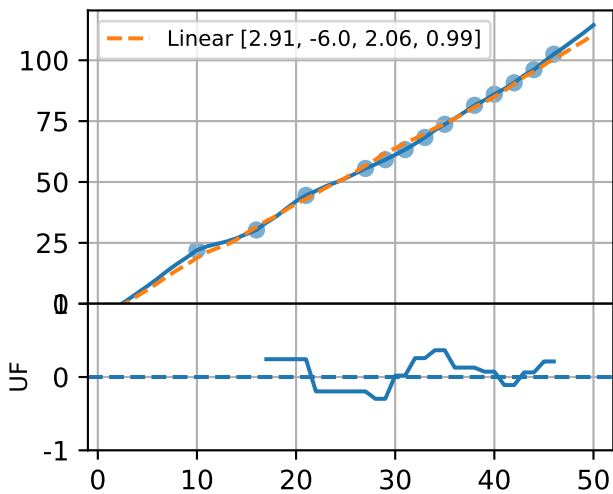
P10AE-089-22



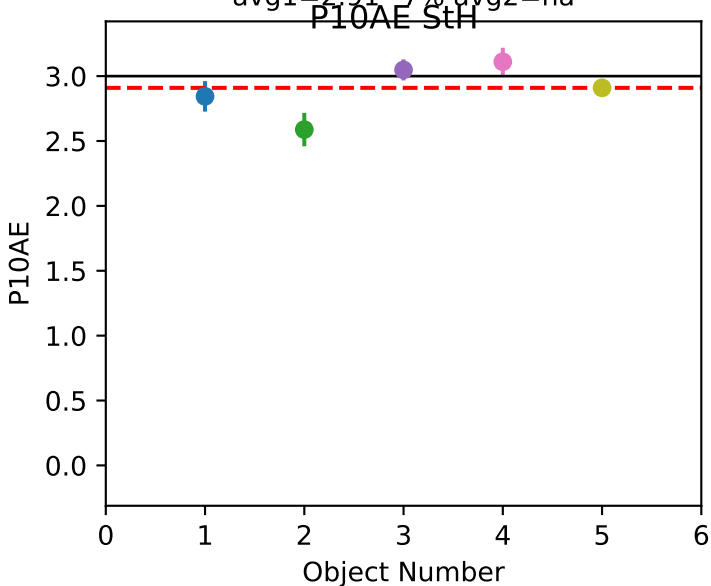
P10AE-103-17



P10AE-116-21

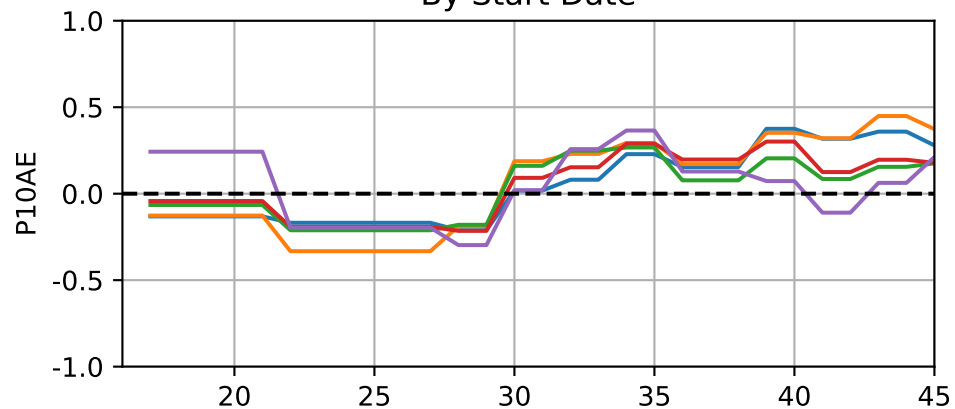


a (Def=3 Set=2.91)
avg1=2.91~7% avg2=na

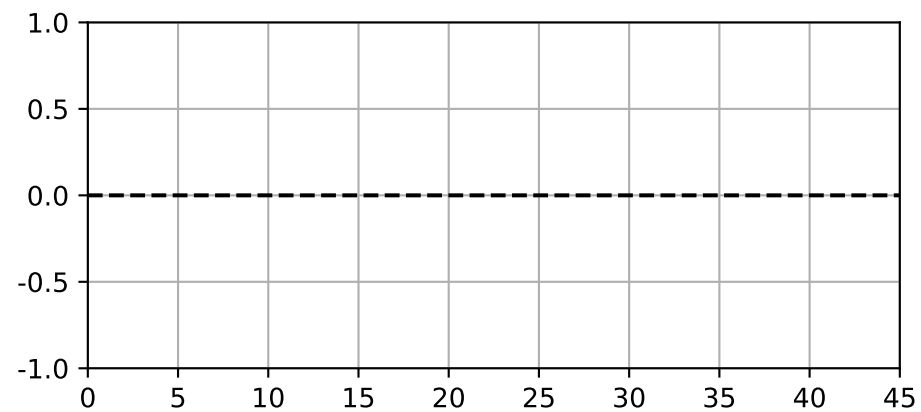
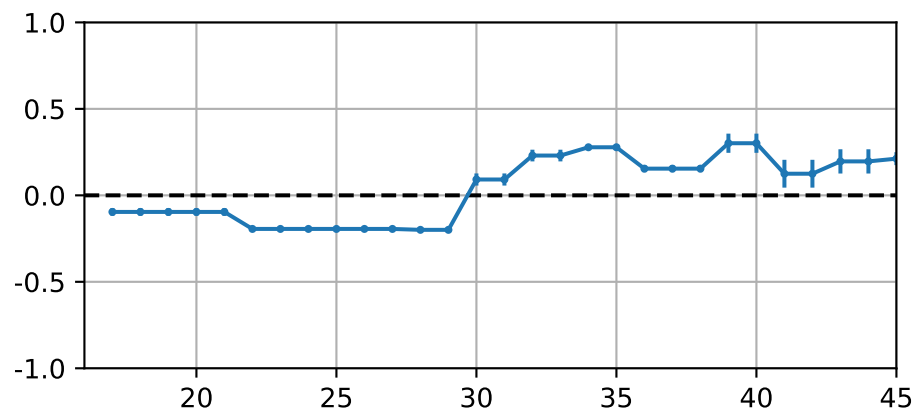
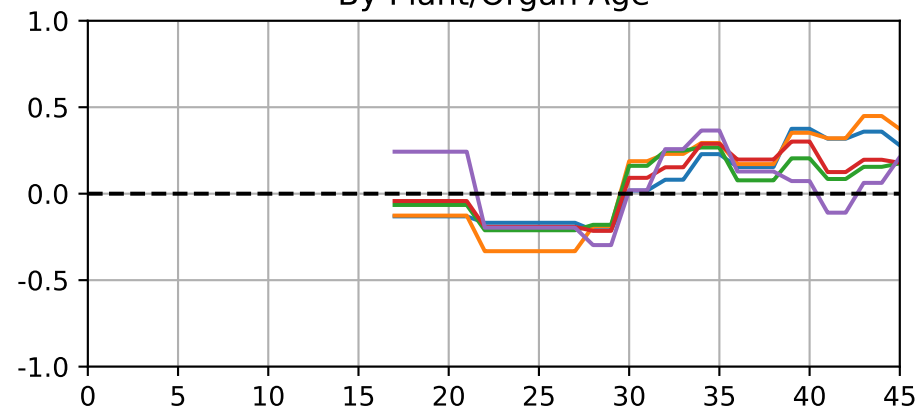


StH

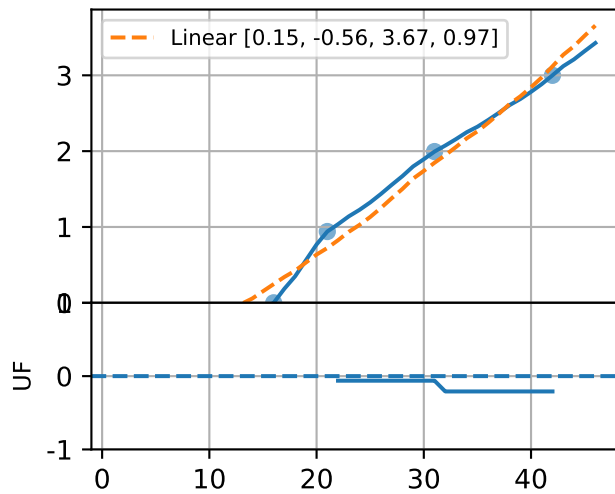
By Start Date



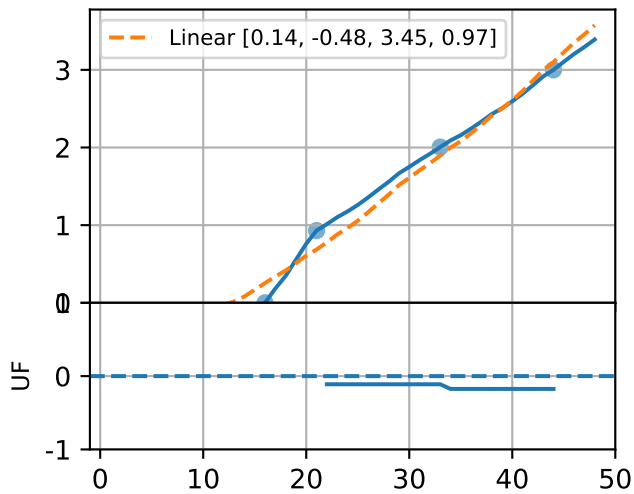
By Plant/Organ Age



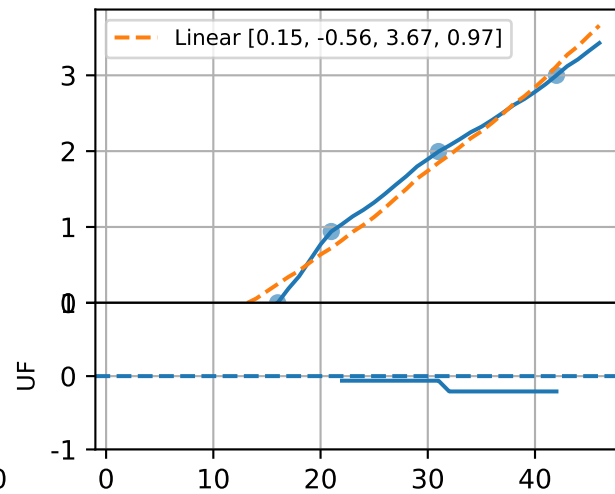
P10AE-063-19



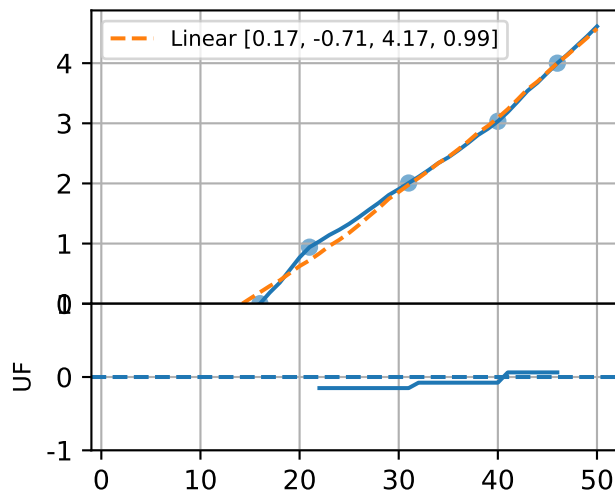
P10AE-076-5



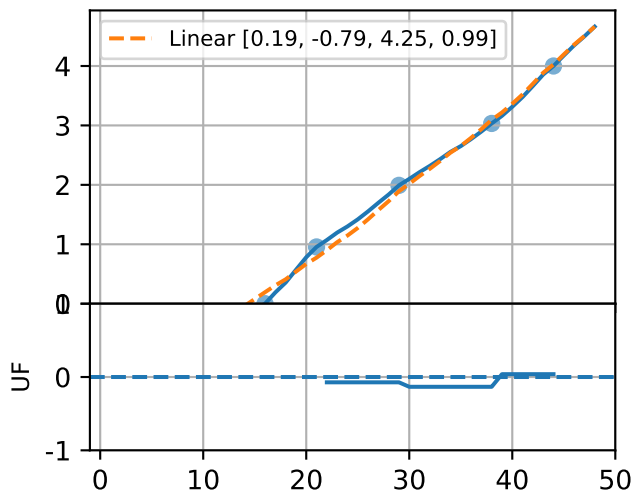
P10AE-089-22



P10AE-103-17



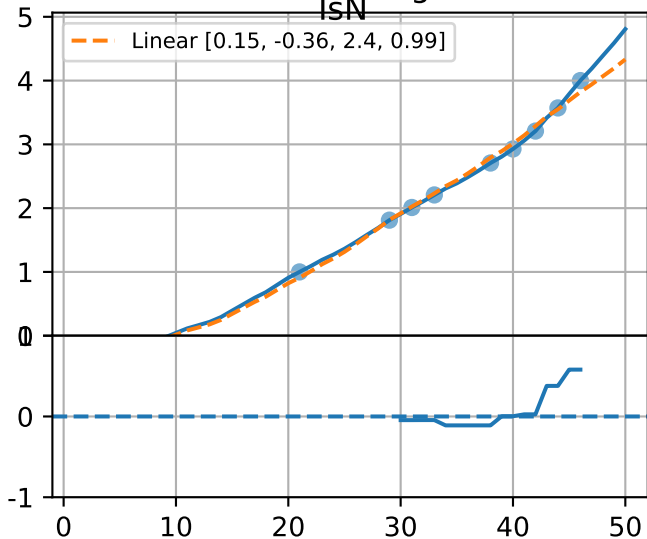
P10AE-116-21

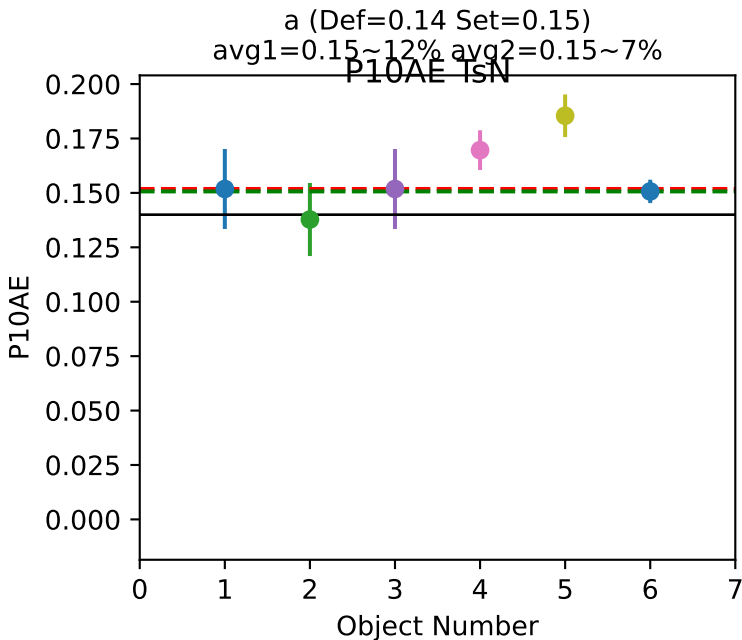


P10AEavg
TSN

Linear [0.15, -0.36, 2.4, 0.99]

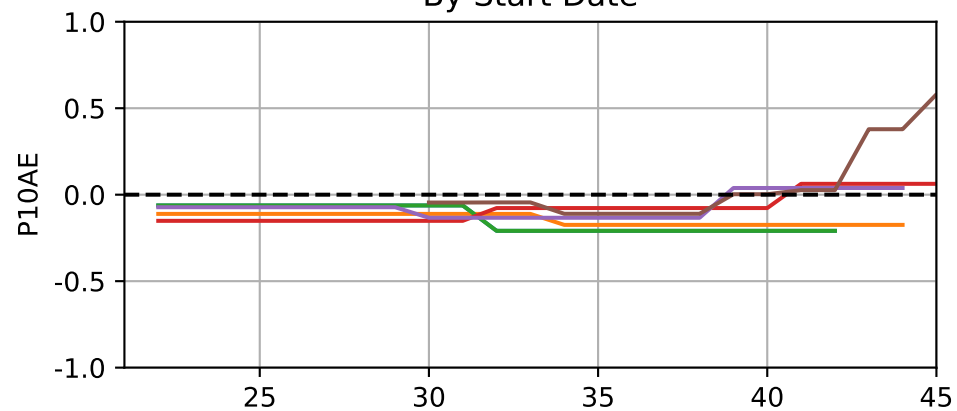
UF



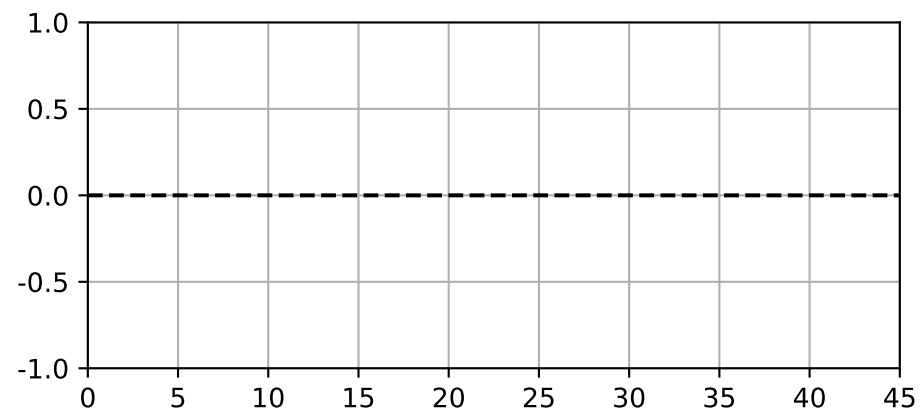
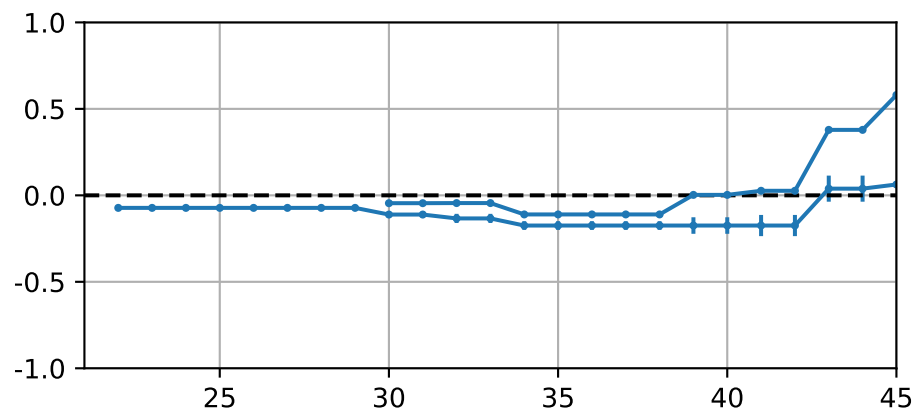
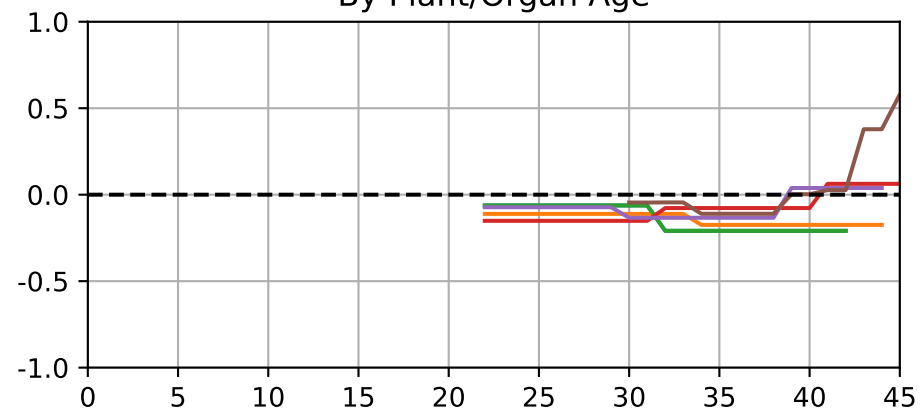


TsN

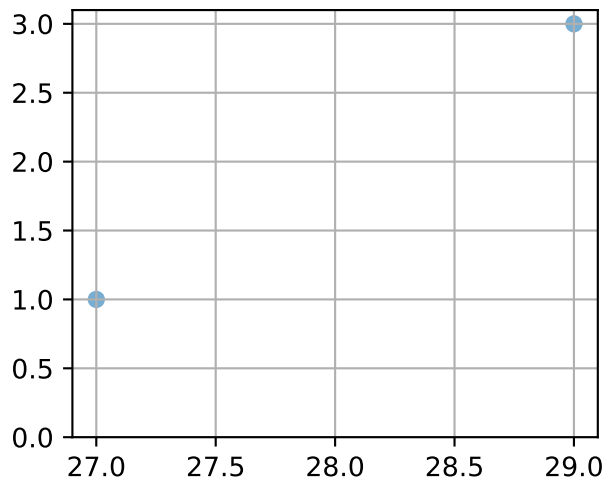
By Start Date



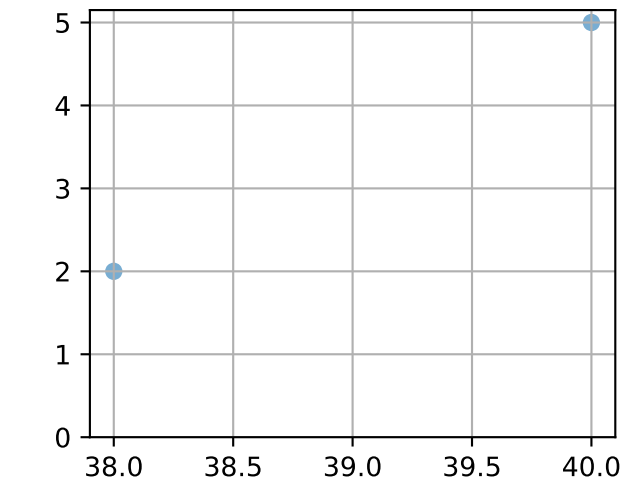
By Plant/Organ Age



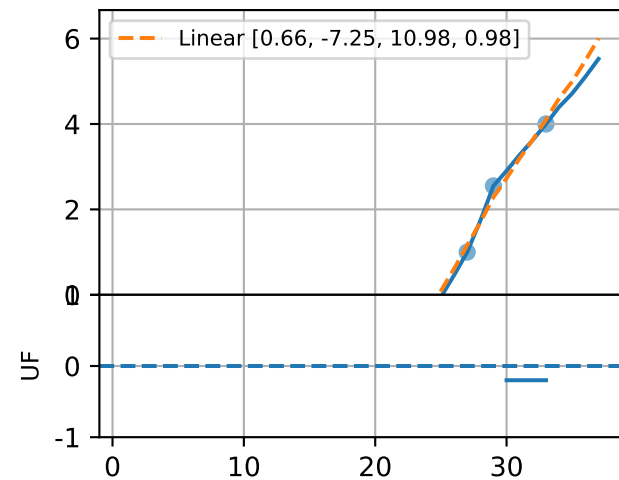
P10AE-063-19T1 (fit failed)



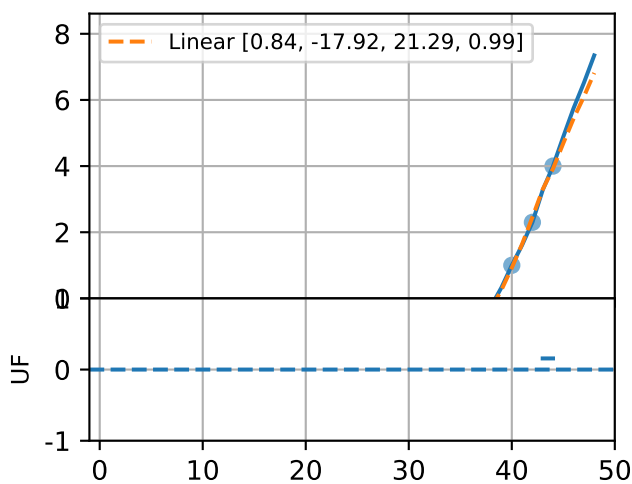
P10AE-063-19T2 (fit failed)



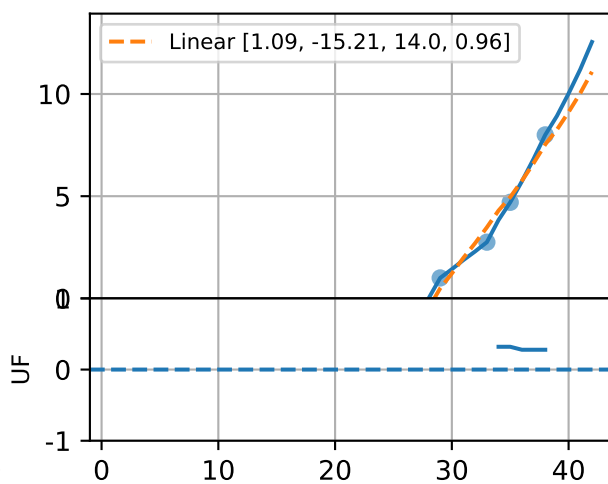
P10AE-076-5T1



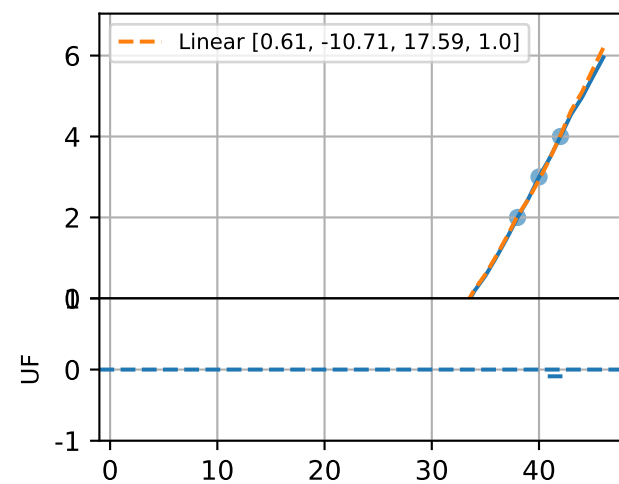
P10AE-076-5T2



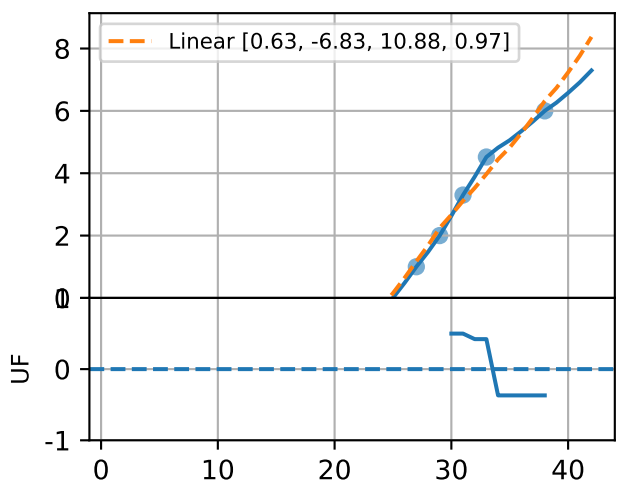
P10AE-089-22T1



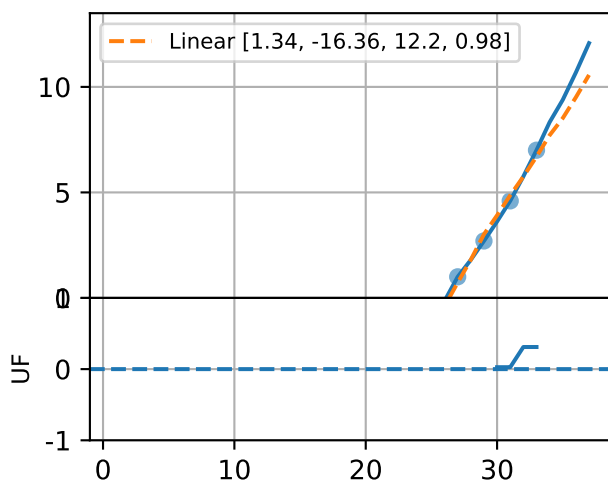
P10AE-089-22T2



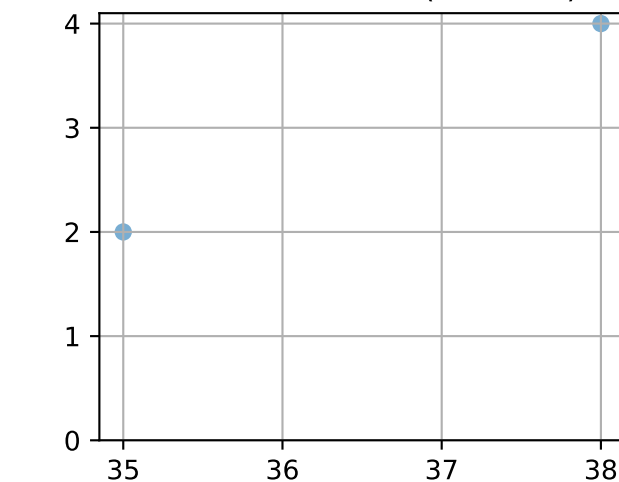
P10AE-103-17T1



P10AE-116-21T1

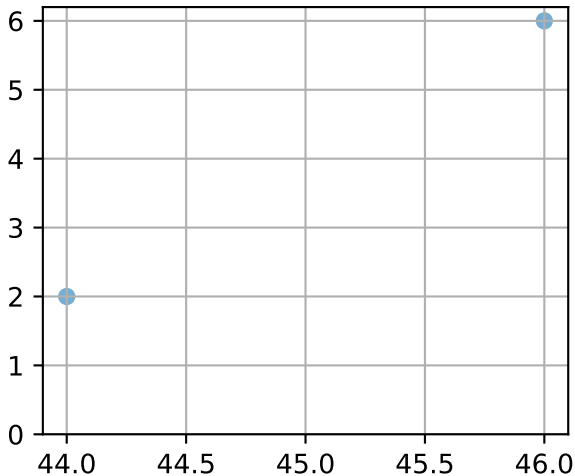


P10AE-116-21T2 (fit failed)

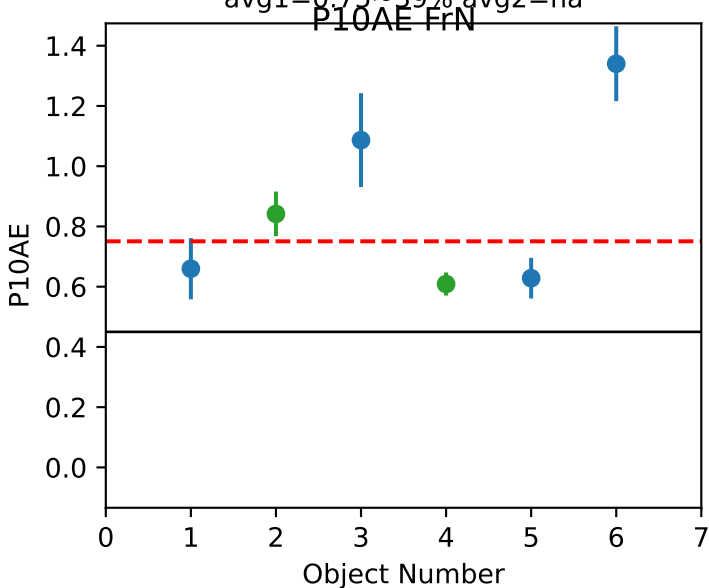


P10AE-116-21T3 (fit failed)

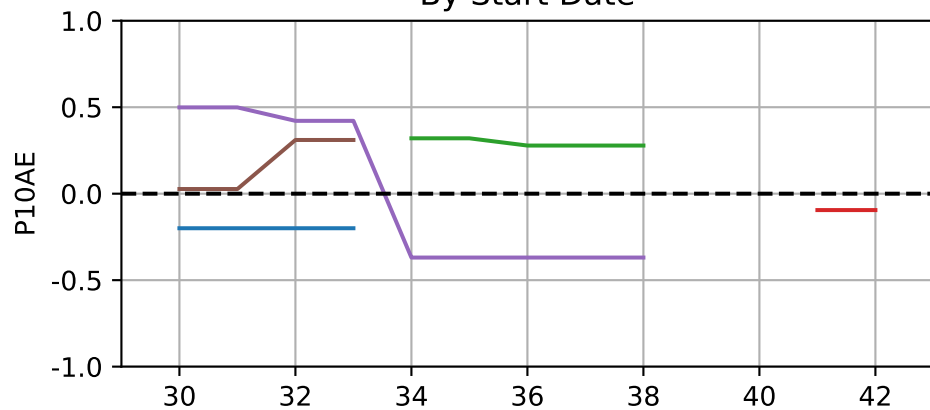
FrN



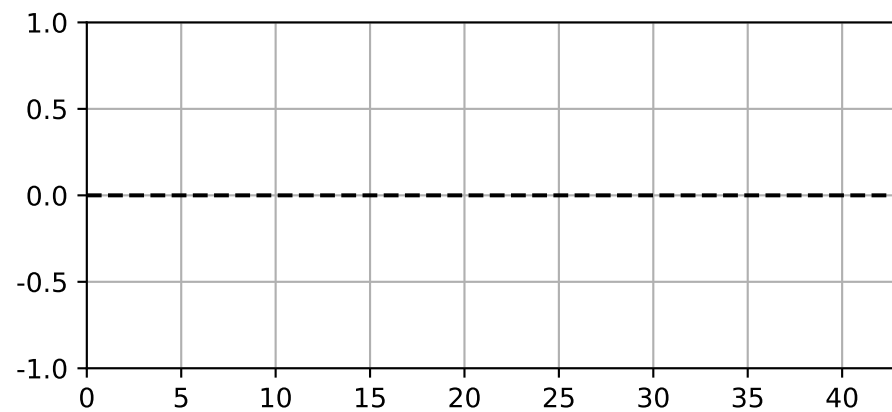
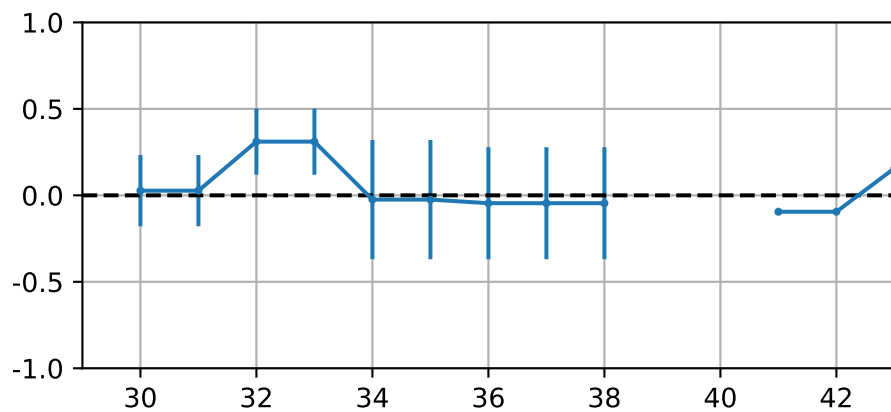
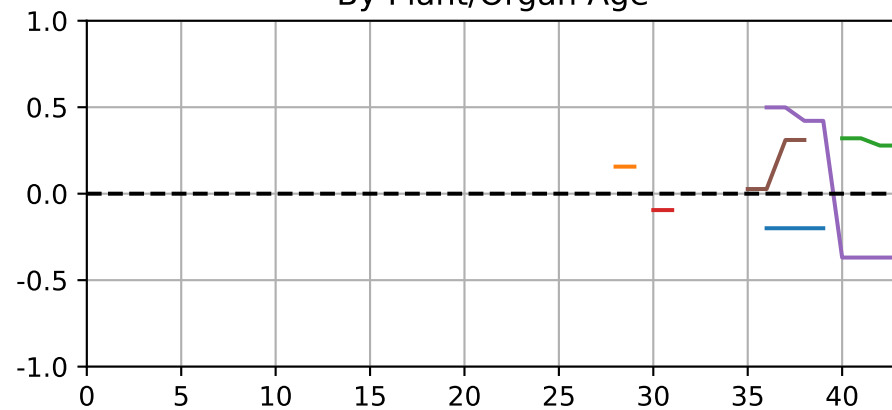
a (Def=0.45 Set=0.75)
avg1=0.75~39% avg2=na



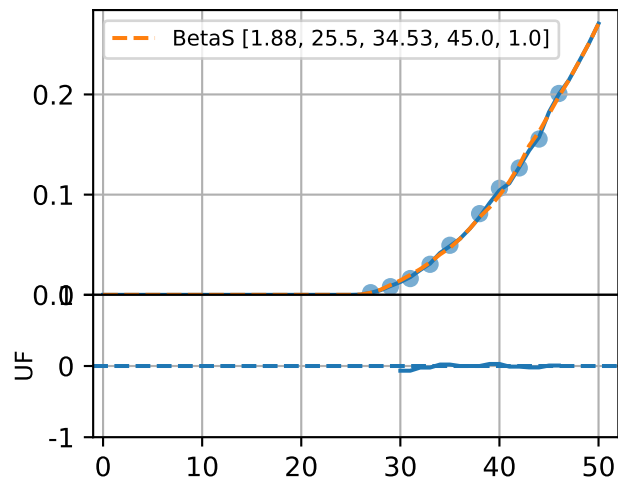
By Start Date



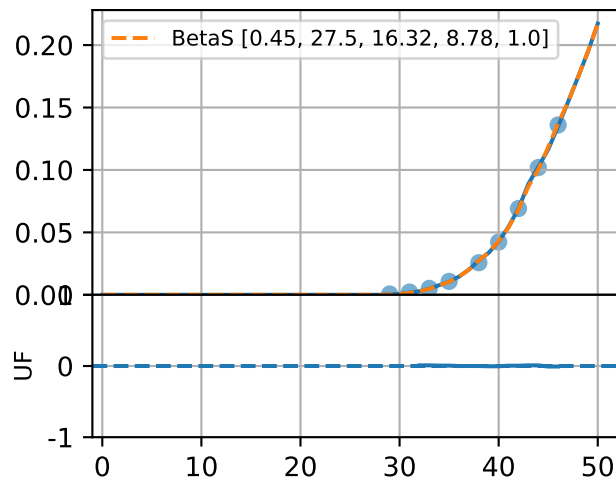
By Plant/Organ Age



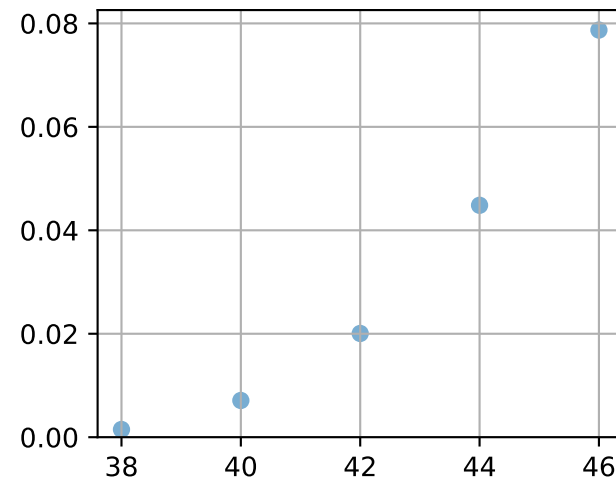
P10AE-063-19T1Fr1 (fit failed)



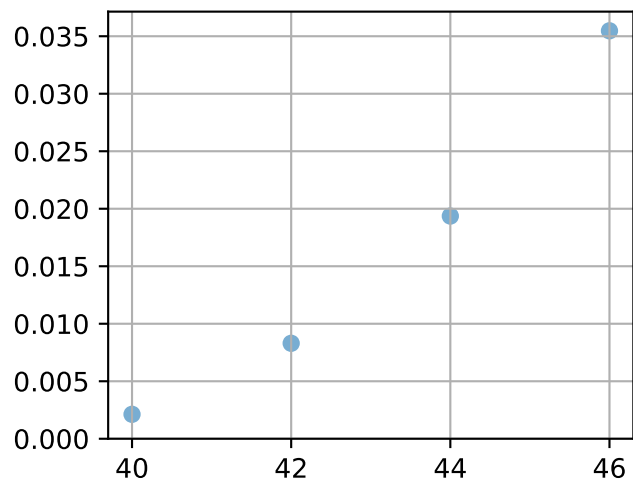
P10AE-063-19T1Fr5 (fit failed)



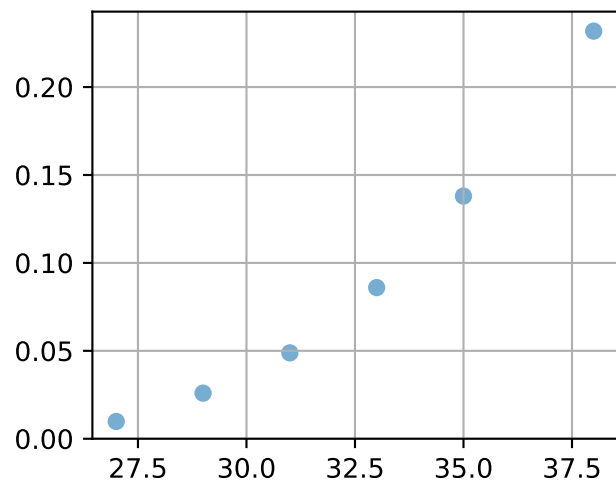
P10AE-063-19T2Fr1 (fit failed)



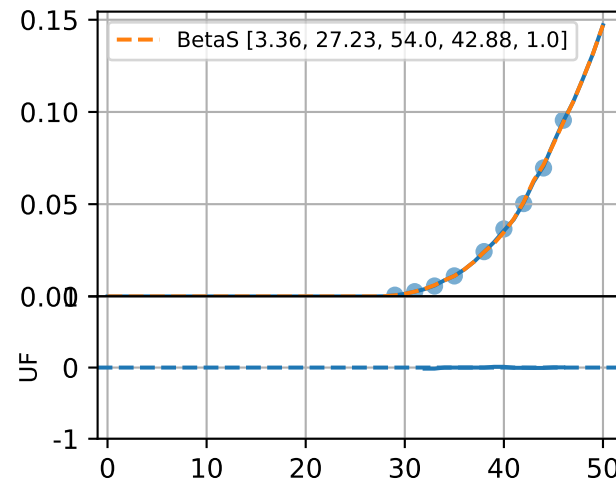
P10AE-063-19T2Fr5 (fit failed)



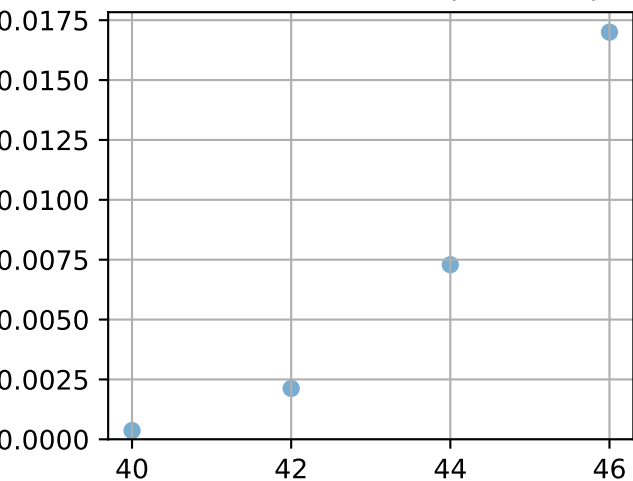
P10AE-076-5T1Fr1 (fit failed)



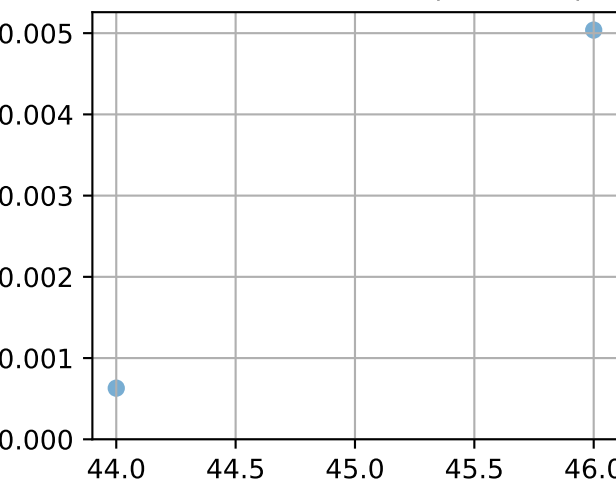
P10AE-076-5T1Fr5 (fit failed)



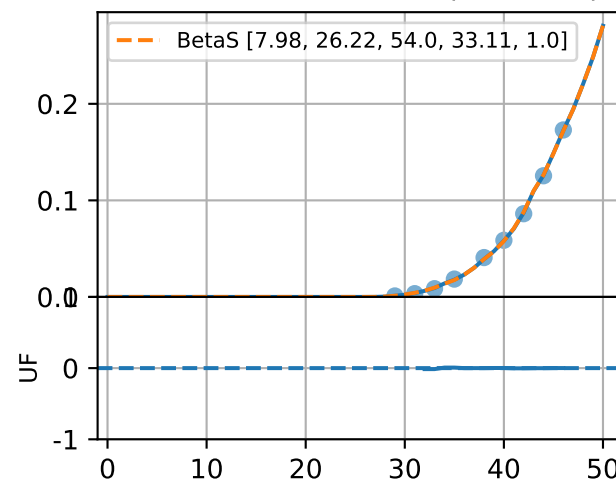
P10AE-076-5T2Fr1 (fit failed)



P10AE-076-5T2Fr5 (fit failed)

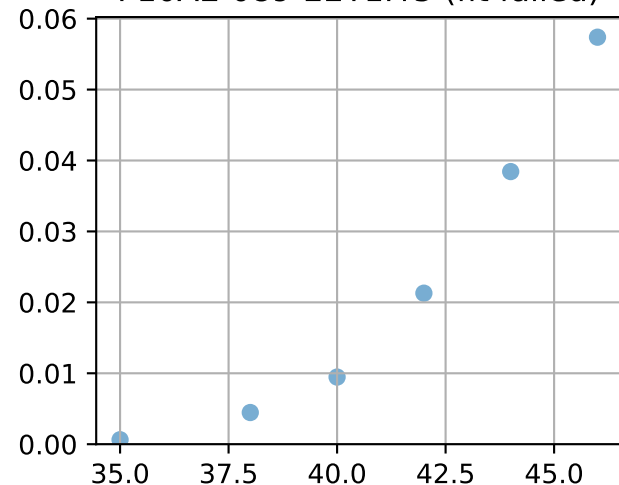


P10AE-089-22T1Fr1 (fit failed)

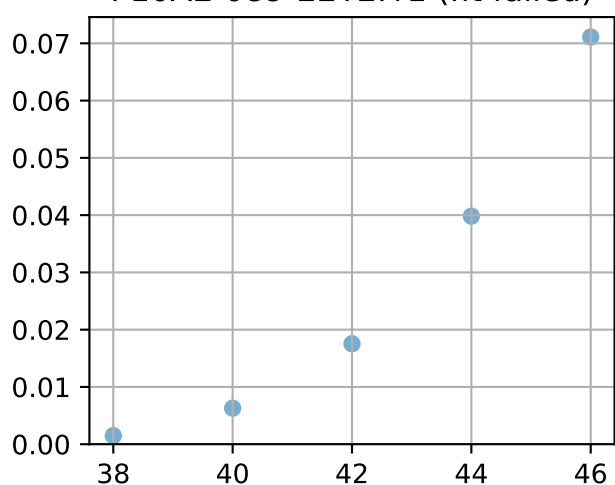


5V

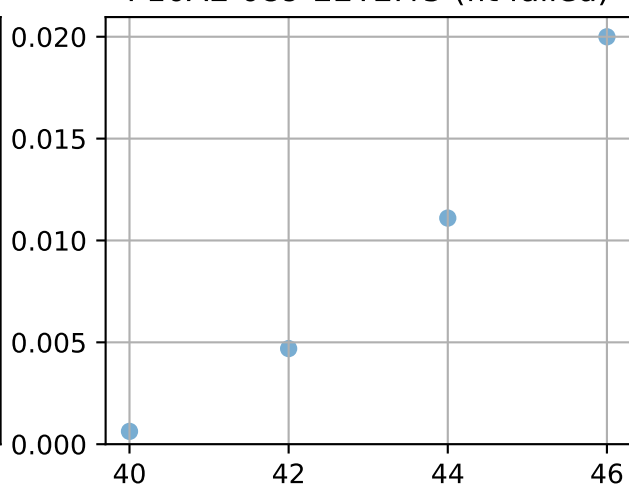
P10AE-089-22T1Fr5 (fit failed)



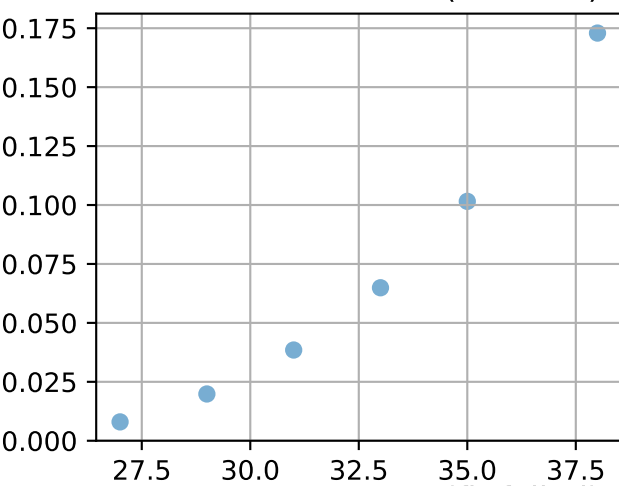
P10AE-089-22T2Fr1 (fit failed)



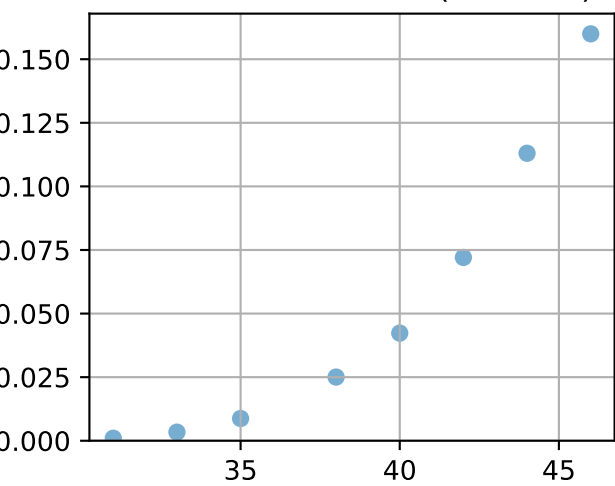
P10AE-089-22T2Fr5 (fit failed)



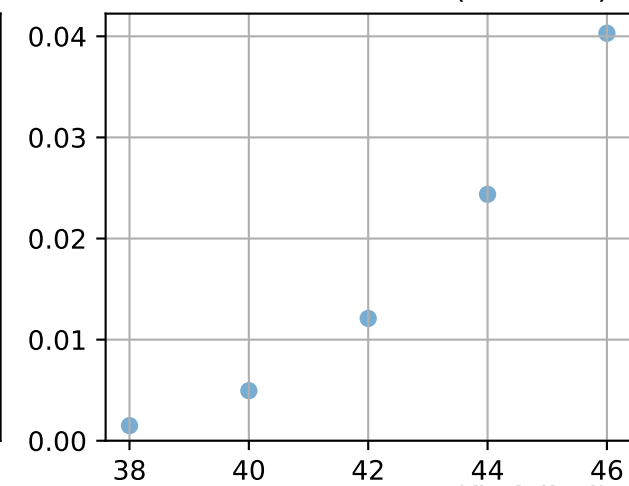
P10AE-103-17T1Fr1 (fit failed)



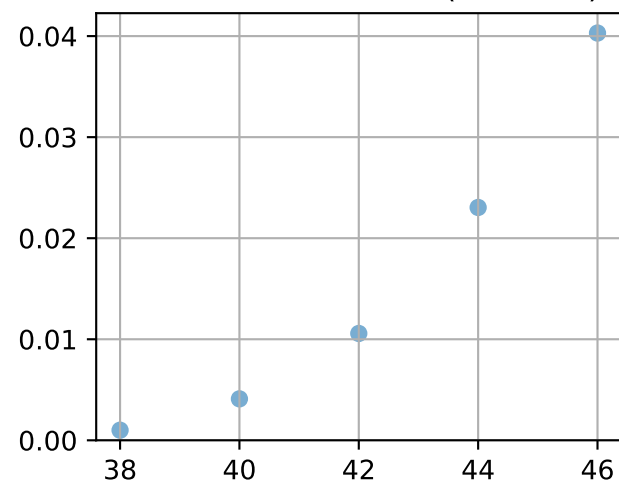
P10AE-103-17T1Fr5 (fit failed)



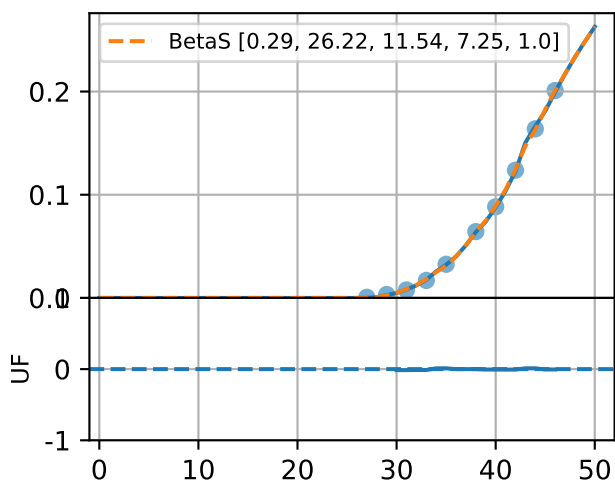
P10AE-103-17T2Fr1 (fit failed)



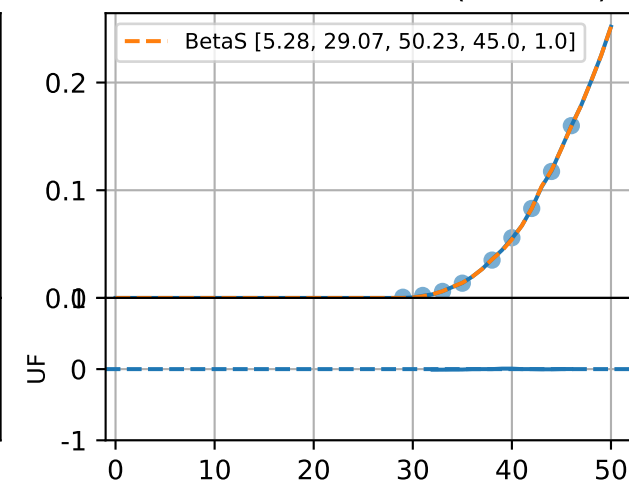
P10AE-103-17T2Fr5 (fit failed)



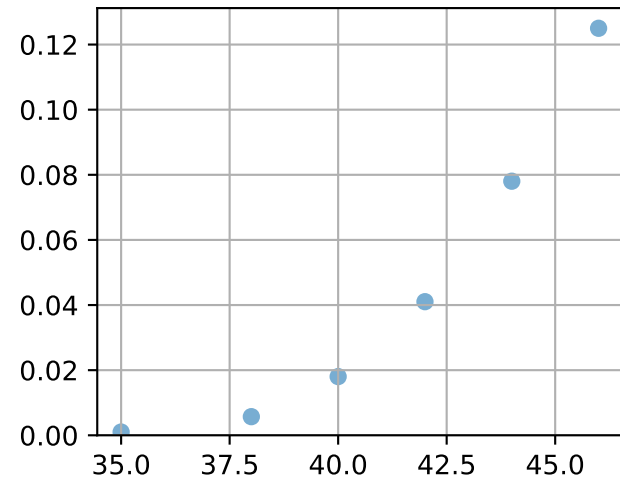
P10AE-116-21T1Fr1



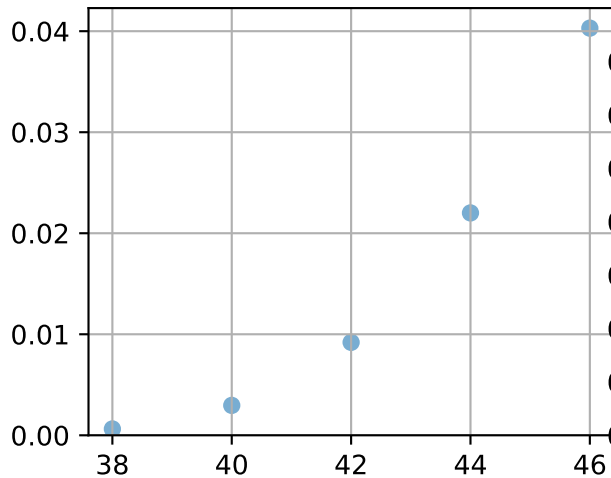
P10AE-116-21T1Fr5 (fit failed)



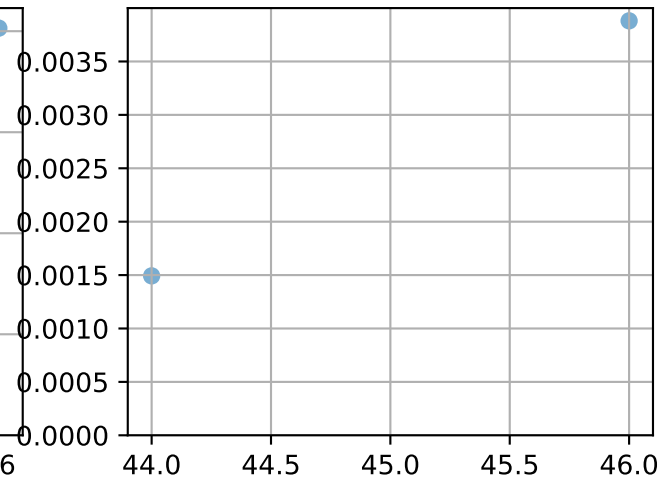
P10AE-116-21T2Fr1 (fit failed)

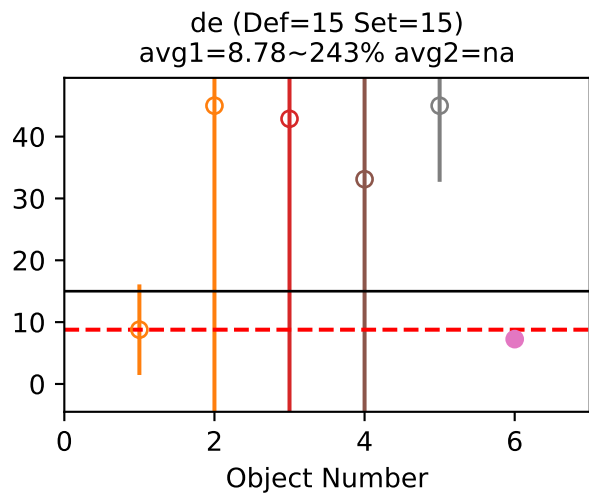
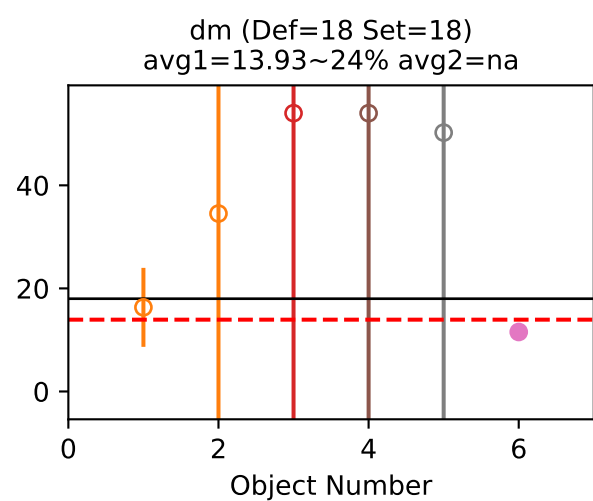
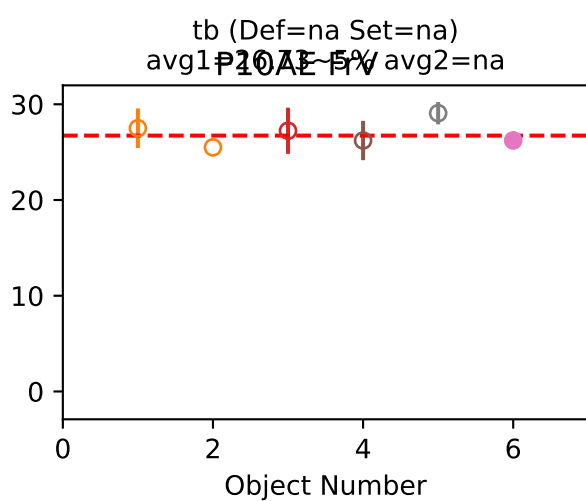
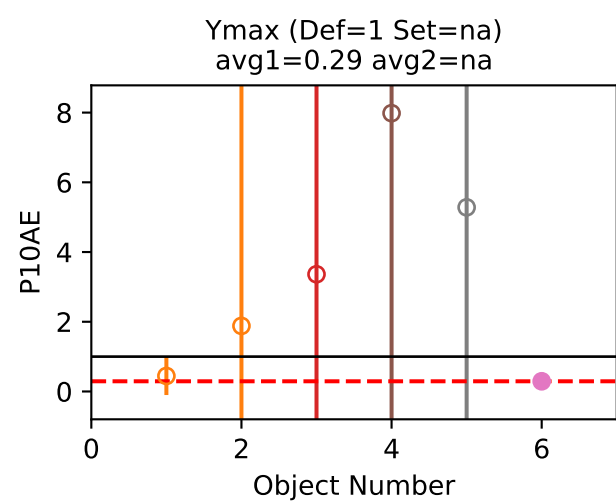


P10AE-116-21T2Fr5 (fit failed)



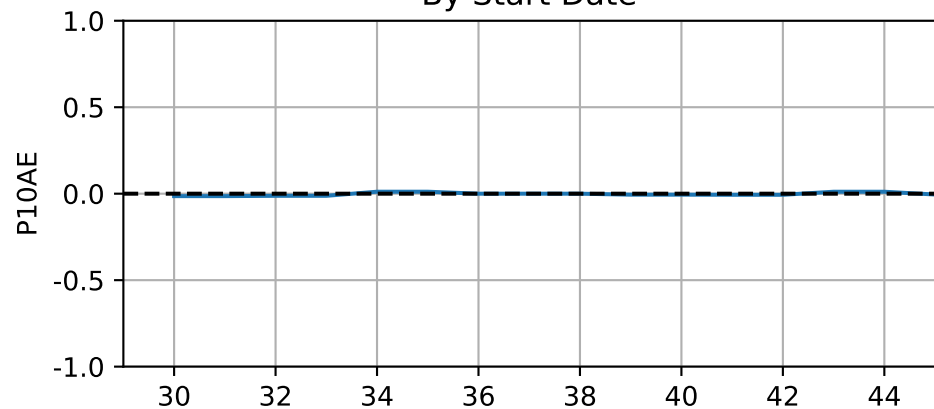
P10AE-116-21T3Fr1 (fit failed)



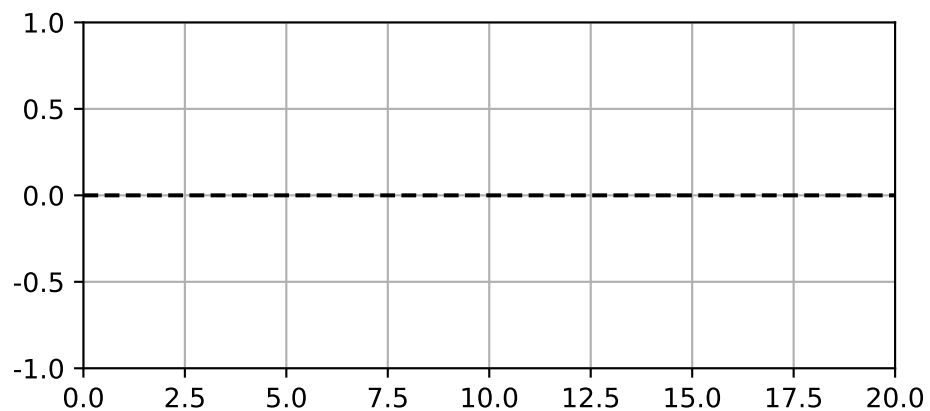
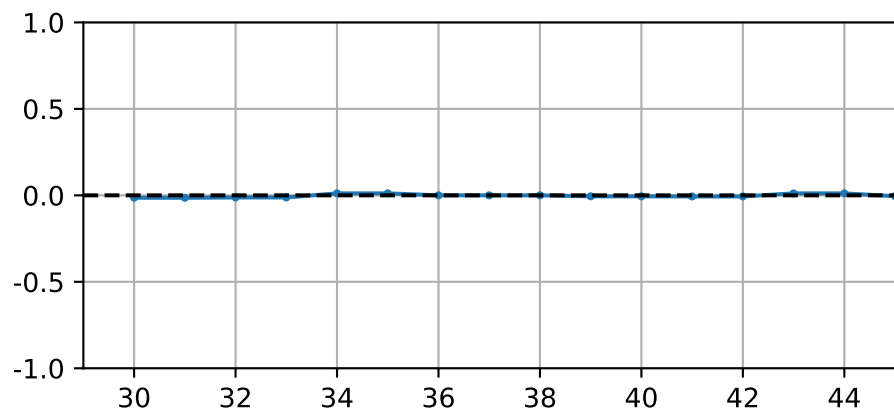
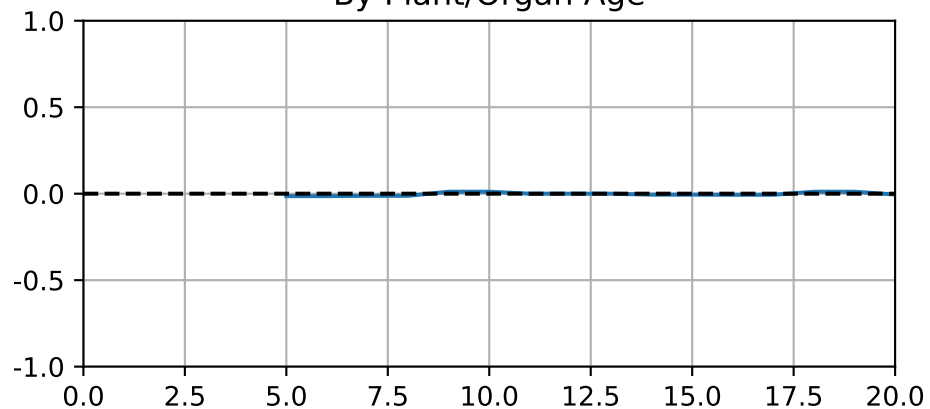


FrV

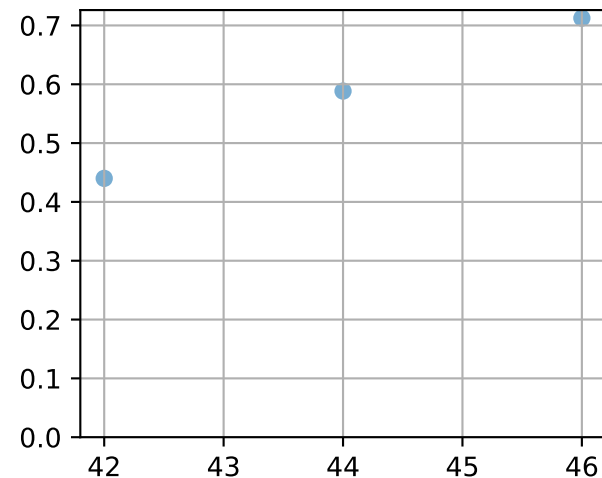
By Start Date



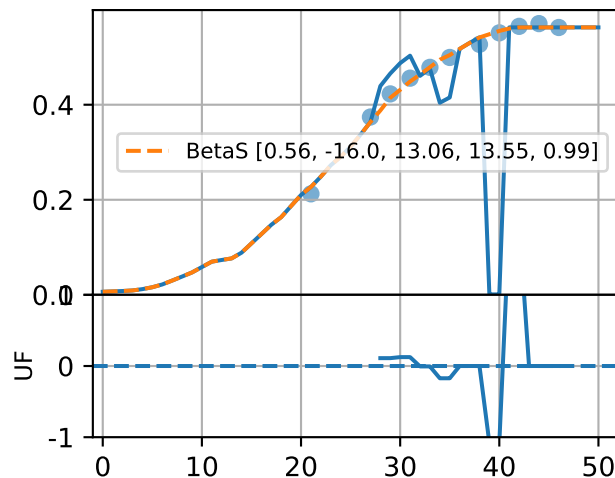
By Plant/Organ Age



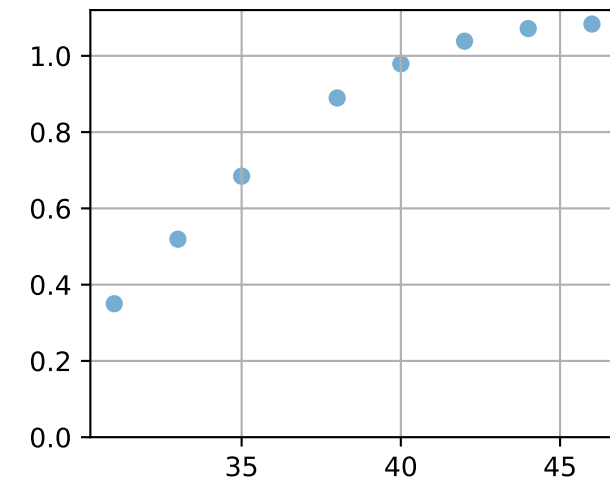
P10AE-063-19L13 (fit failed)



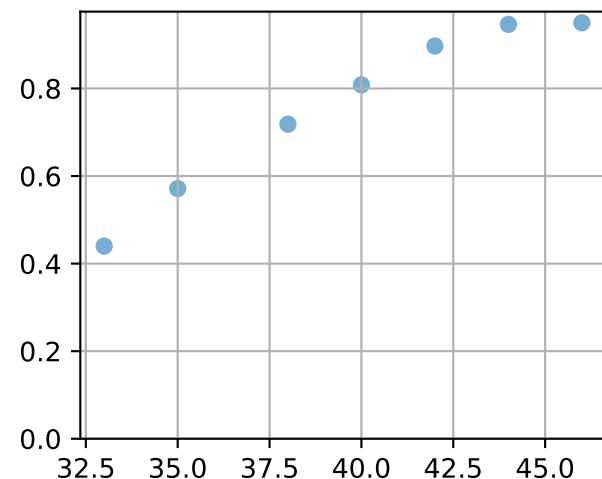
P10AE-063-19L6 (fit failed)



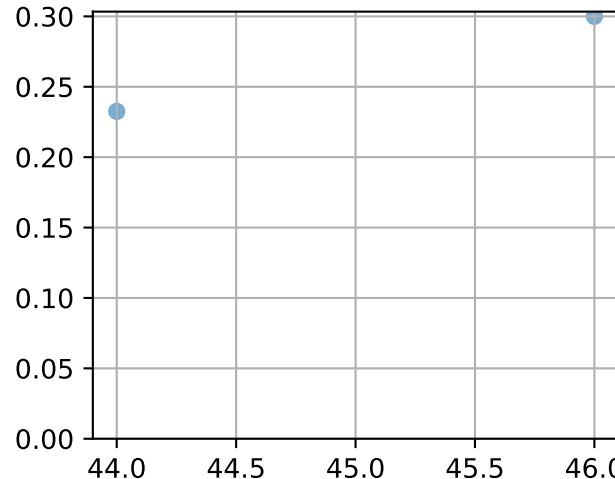
P10AE-063-19L9 (fit failed)



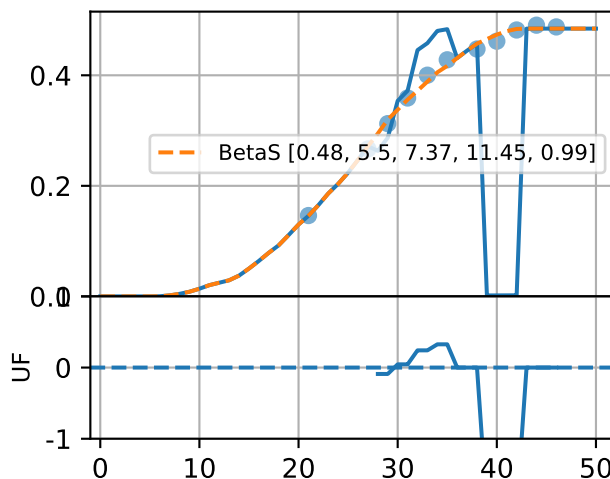
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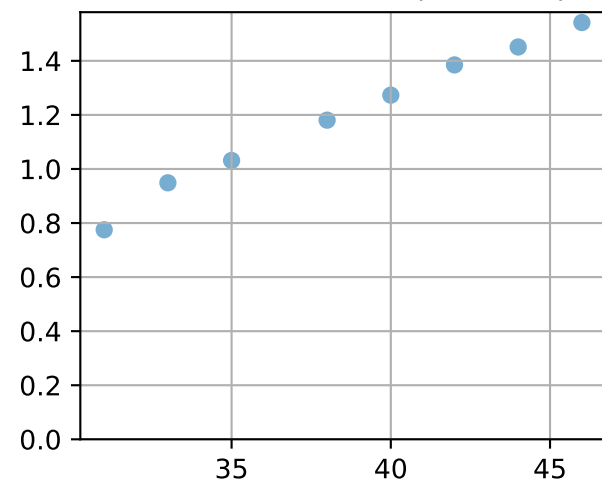
P10AE-076-5L15 (fit failed)



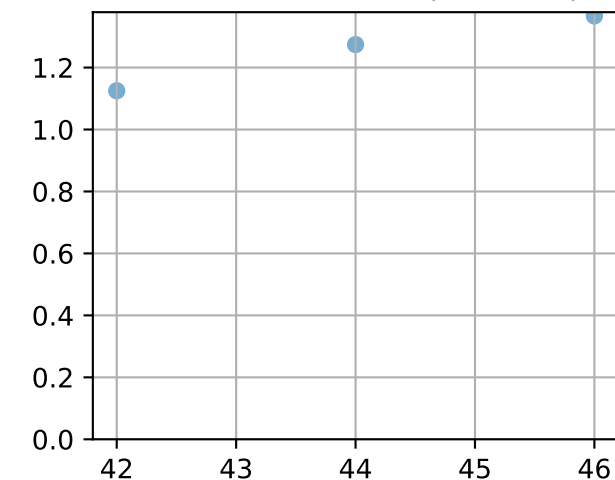
P10AE-076-5L7 (fit failed)



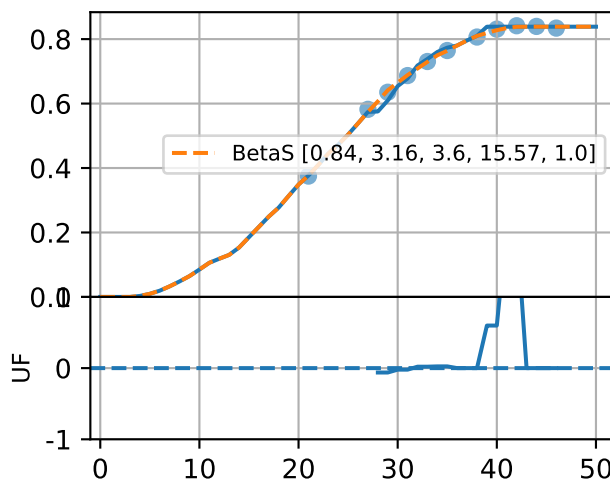
P10AE-089-22L10 (fit failed)



P10AE-089-22L13 (fit failed)

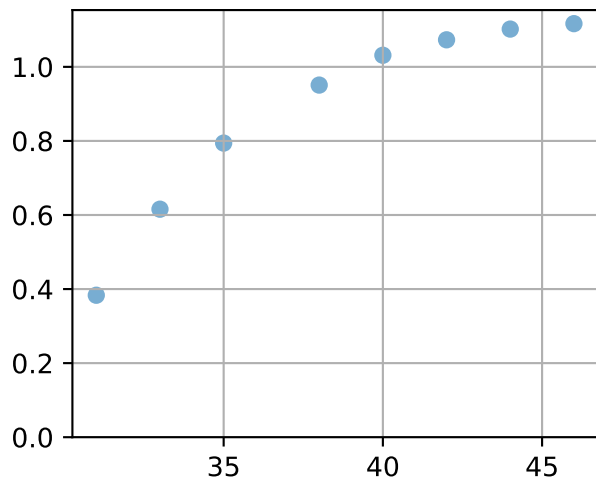


P10AE-089-22L7

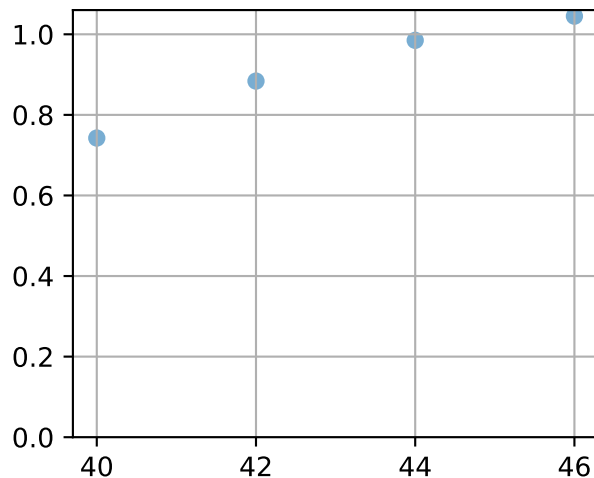


L_{FA}

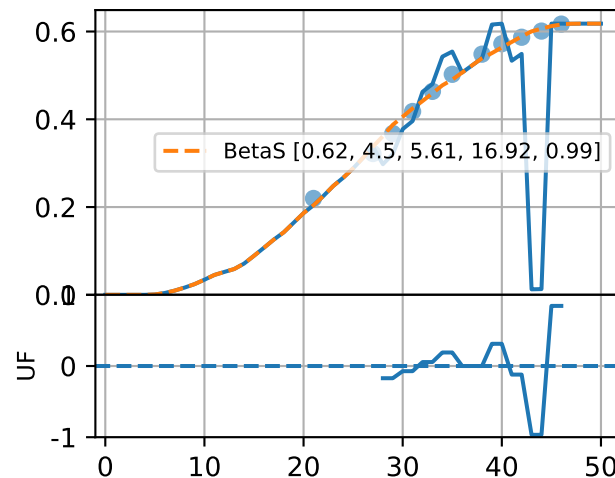
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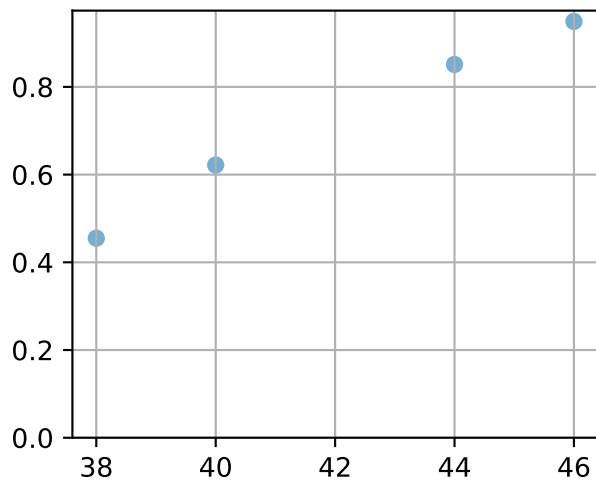
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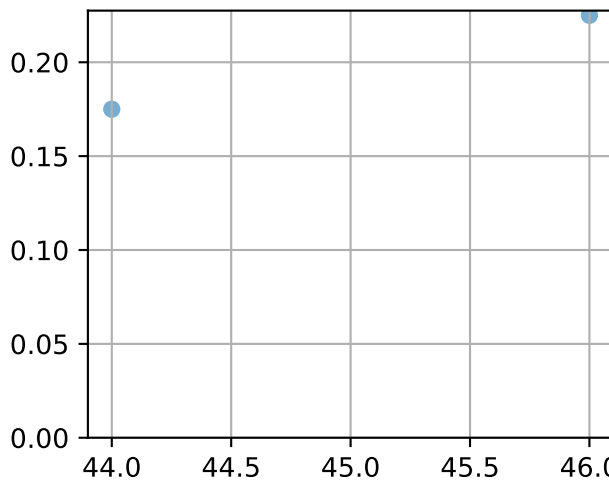
P10AE-103-17L7 (fit failed)



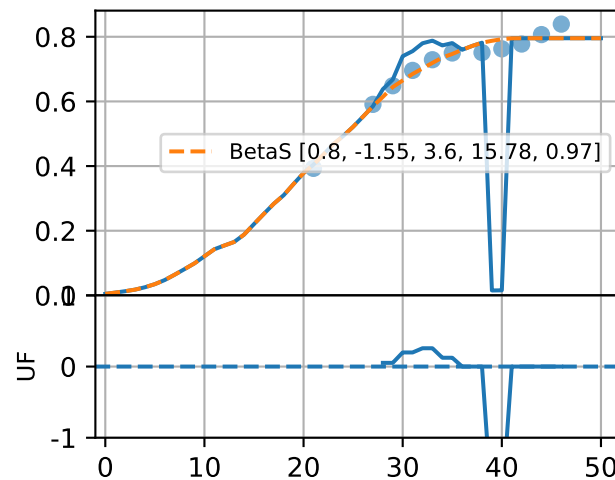
P10AE-116-21L12 (fit failed)



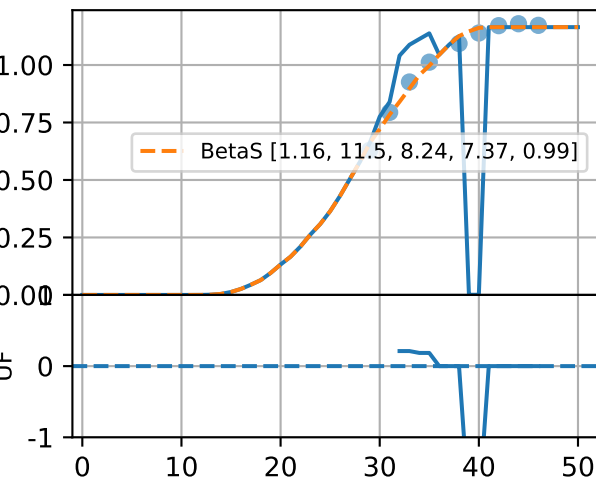
P10AE-116-21L15 (fit failed)



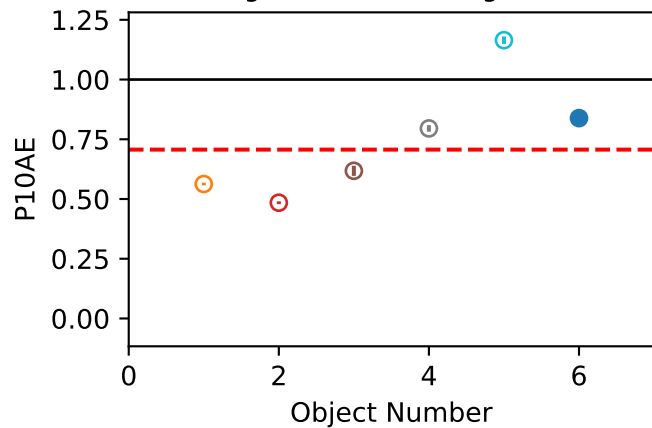
P10AE-116-21L6 (fit failed)



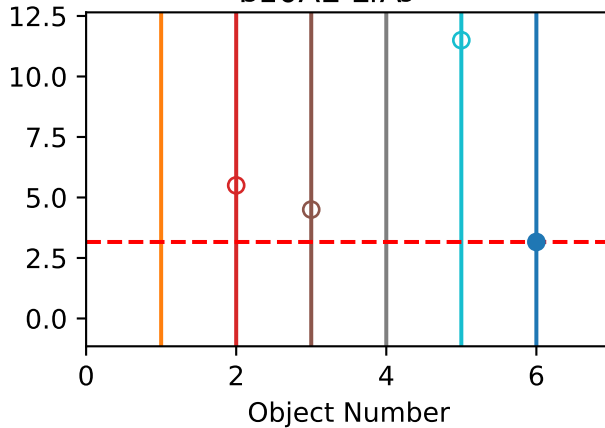
P10AE-116-21L9 (fit failed)



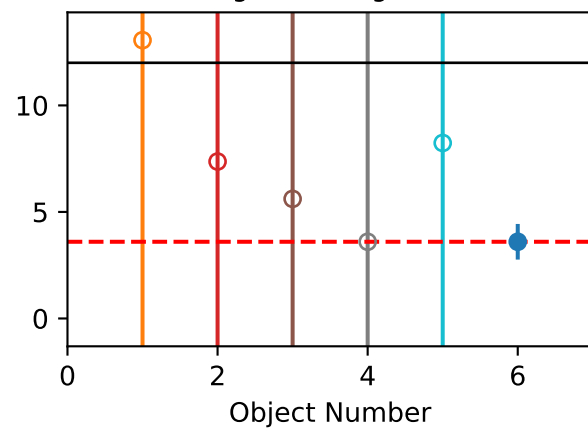
Ymax (Def=1 Set=0.71)
avg1=0.71~35% avg2=na



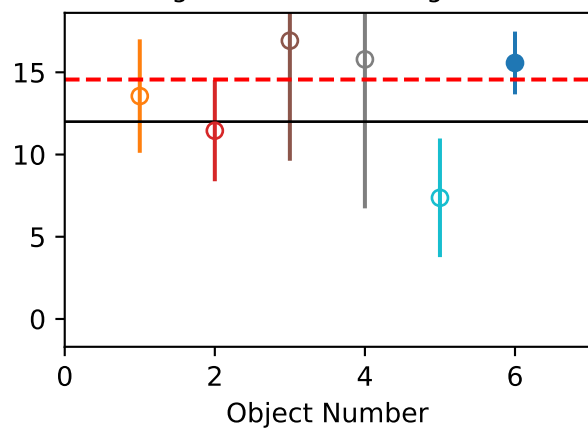
tb (Def=na Set=na)
avg1=na~16% avg2=na



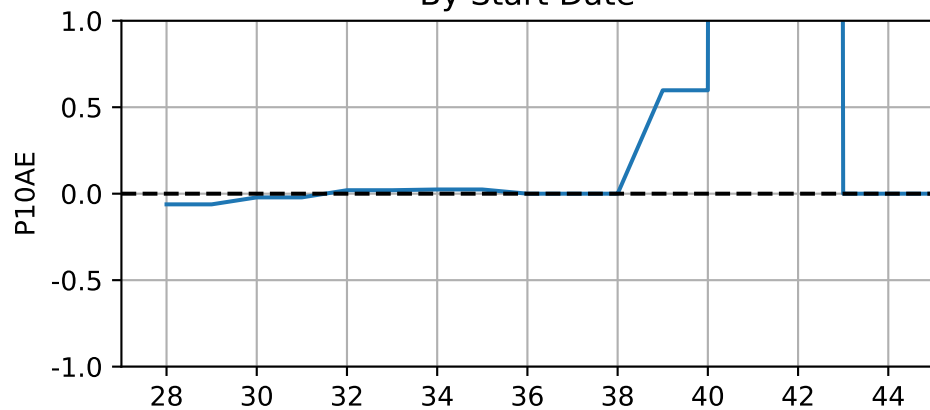
dm (Def=12 Set=12)
avg1=3.6 avg2=na



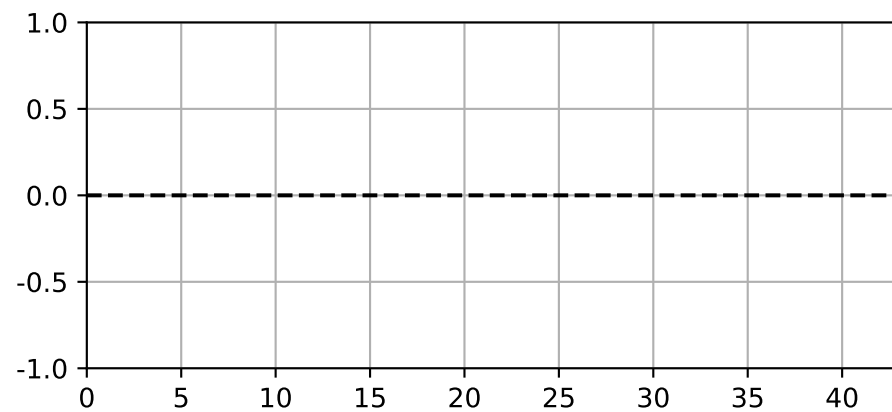
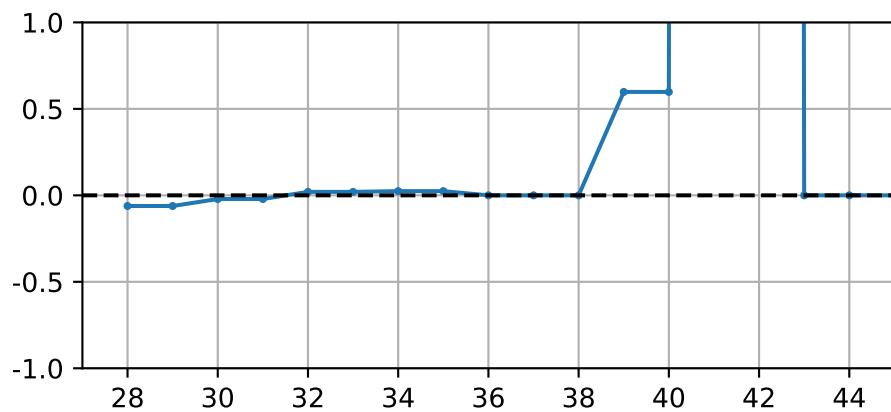
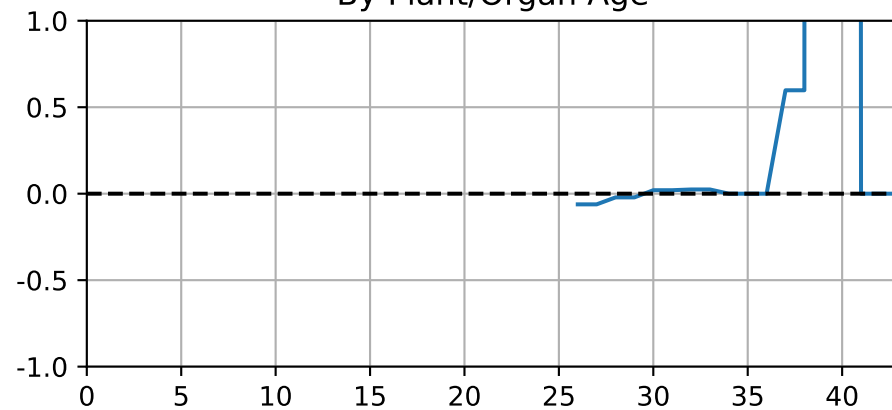
de (Def=12 Set=14.56)
avg1=14.56~24% avg2=na

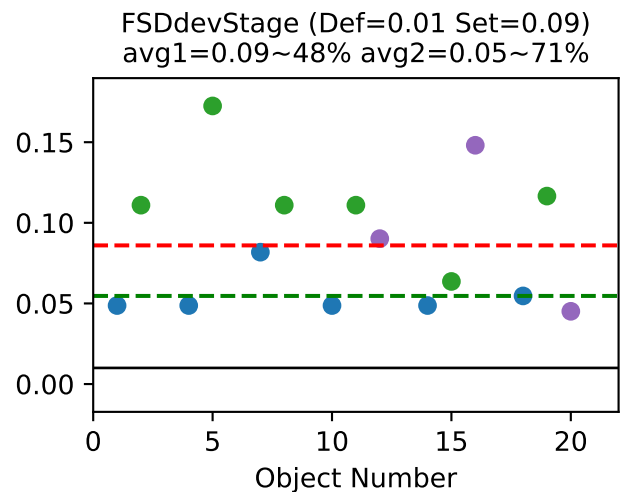
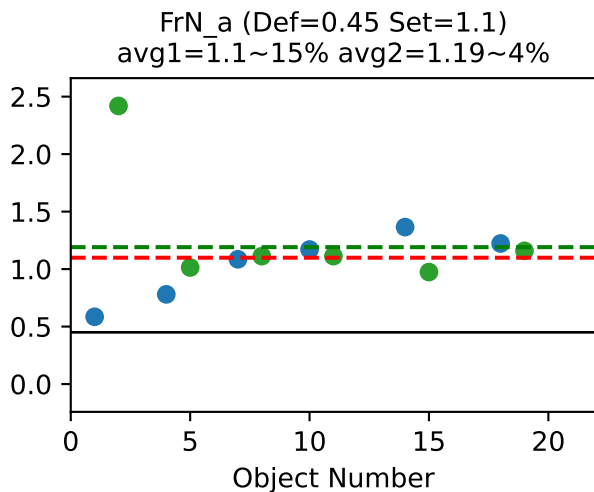
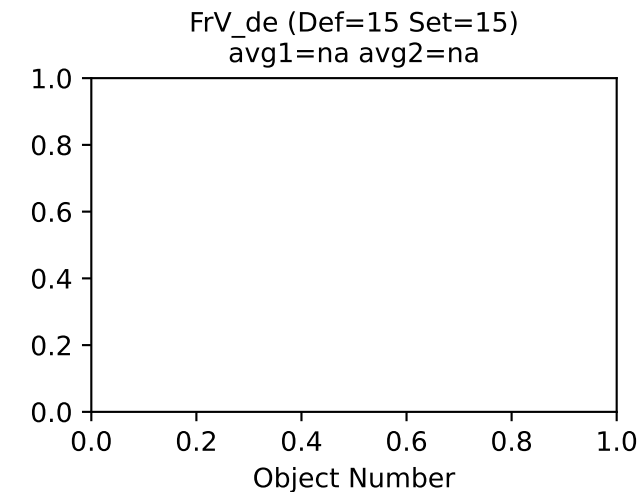
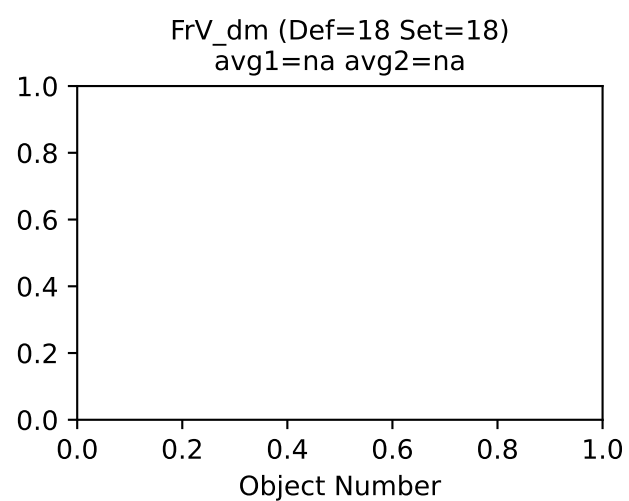
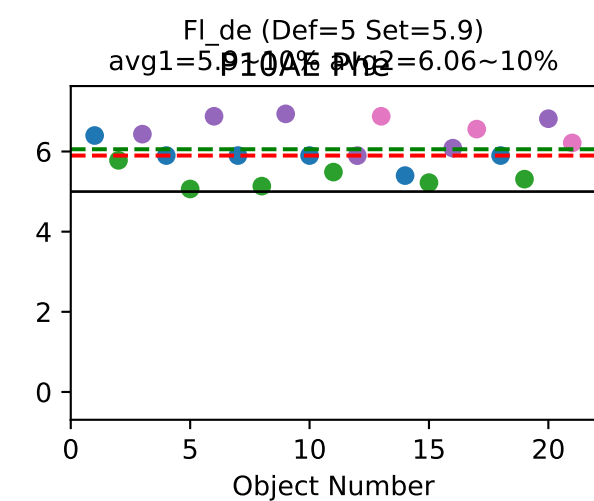
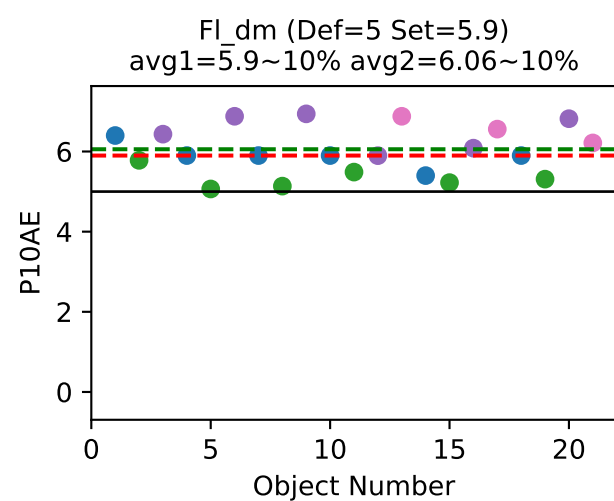


By Start Date

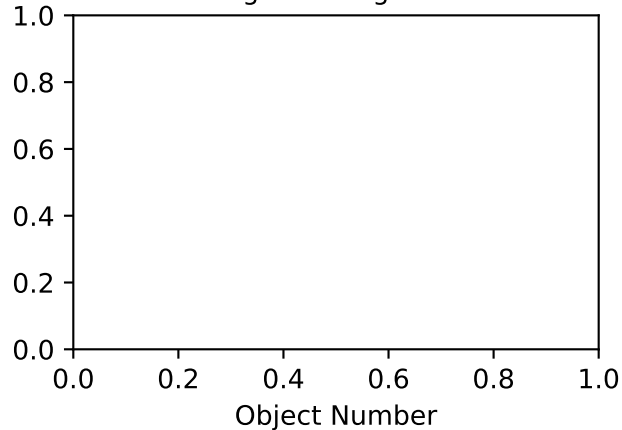


By Plant/Organ Age

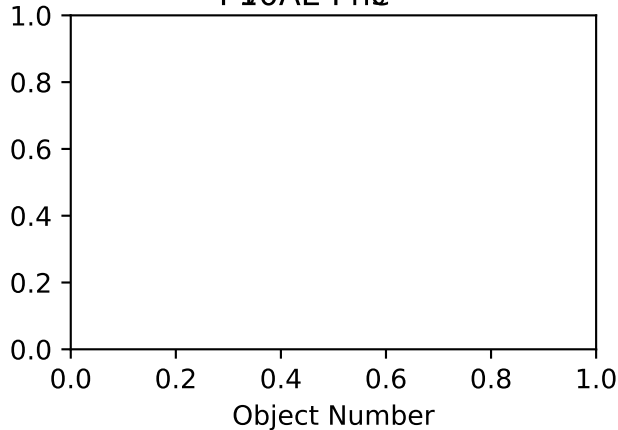




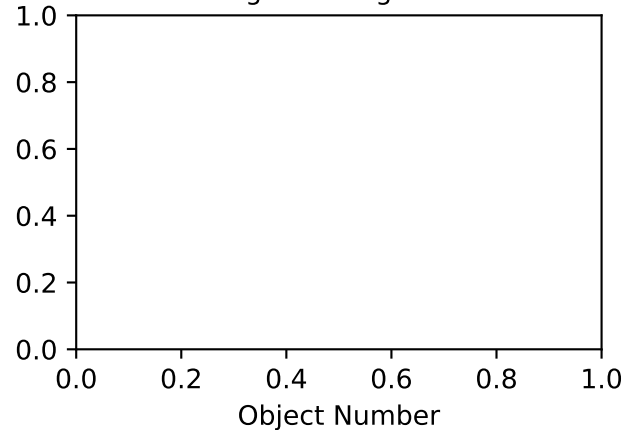
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



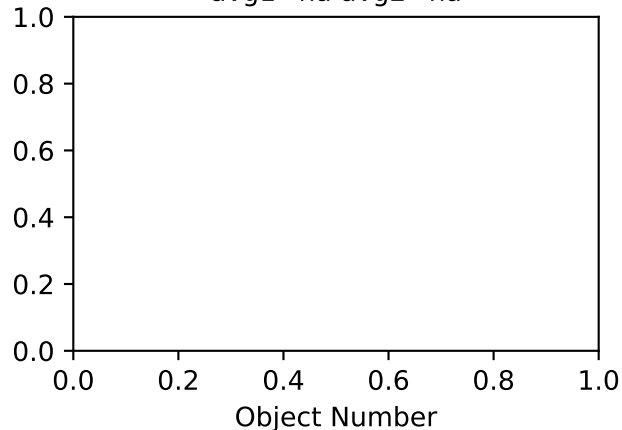
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



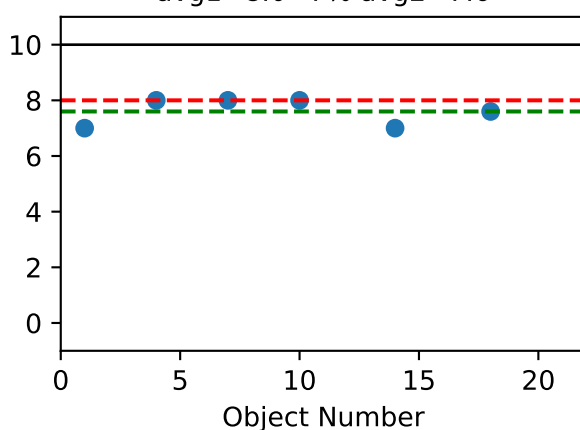
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

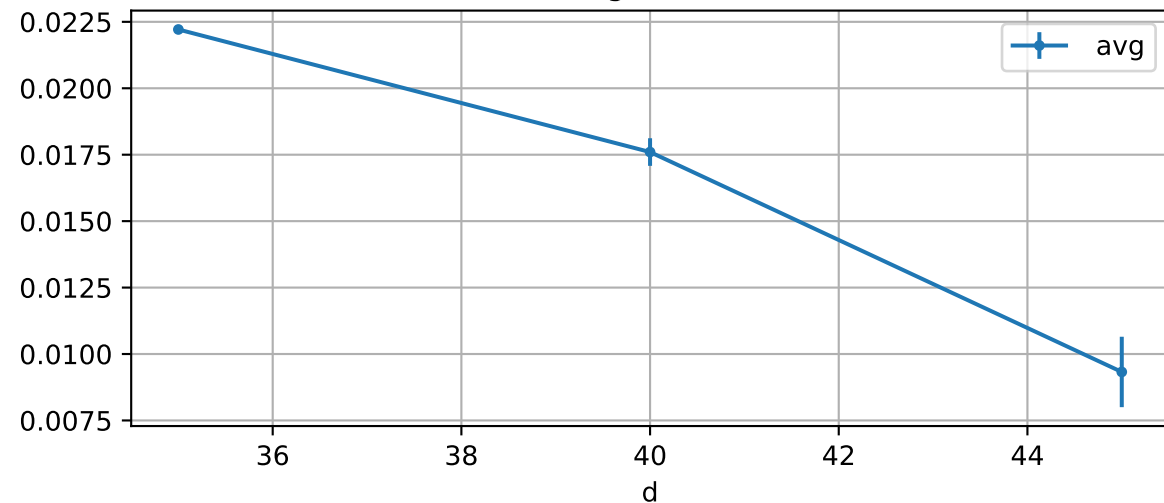


NNgen (Def=10 Set=8)
avg1=8.0~7% avg2=7.6

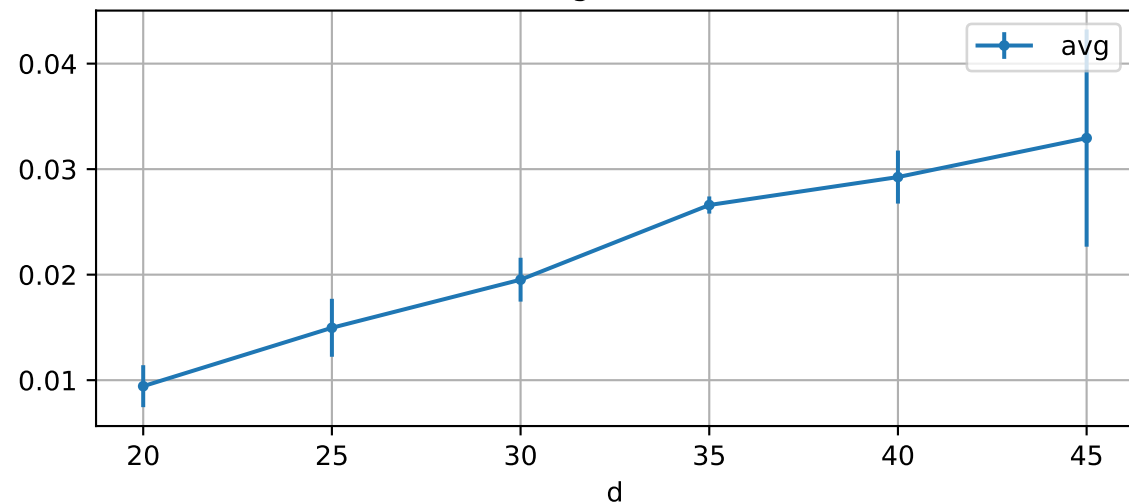


LfA: avg vs. d at each age group

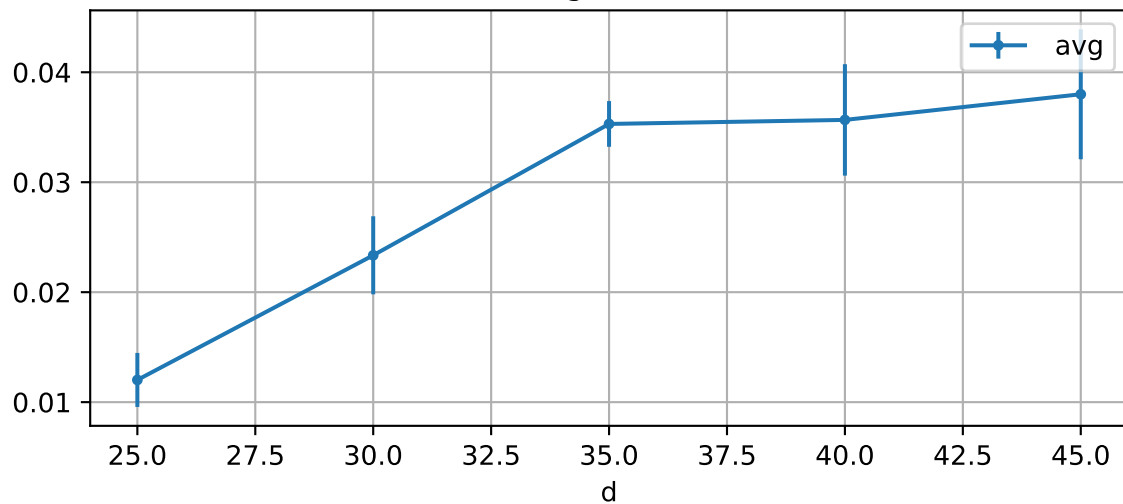
age=20



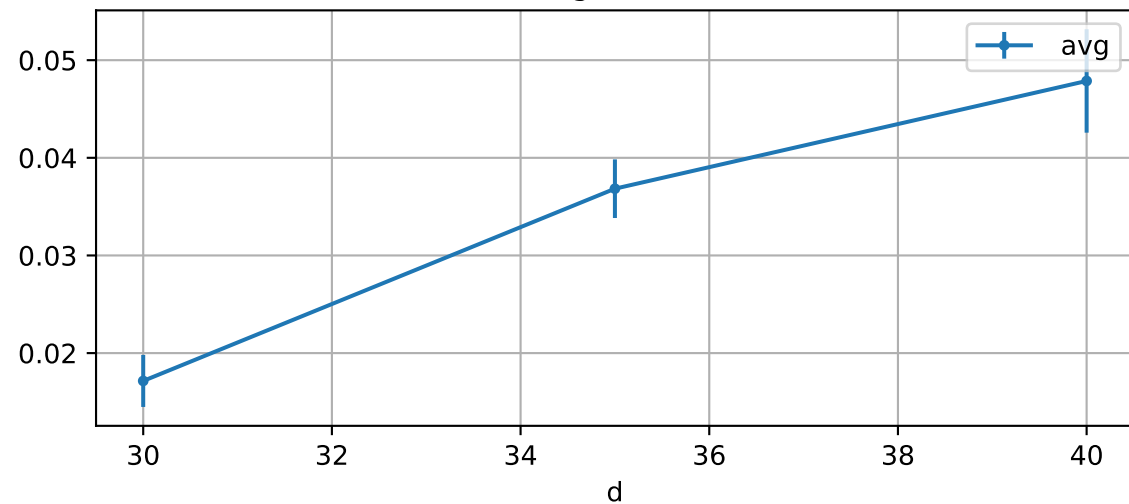
age=25



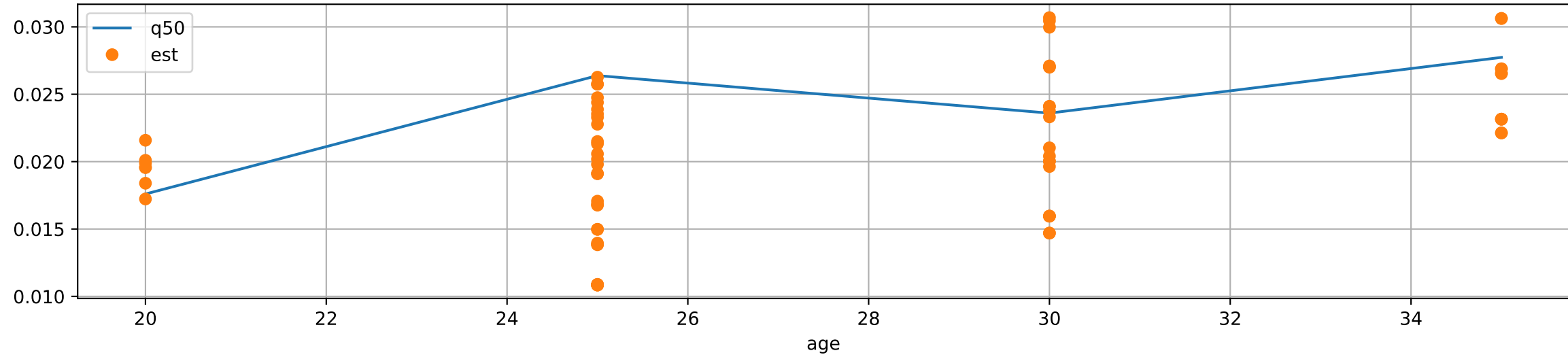
age=30



age=35

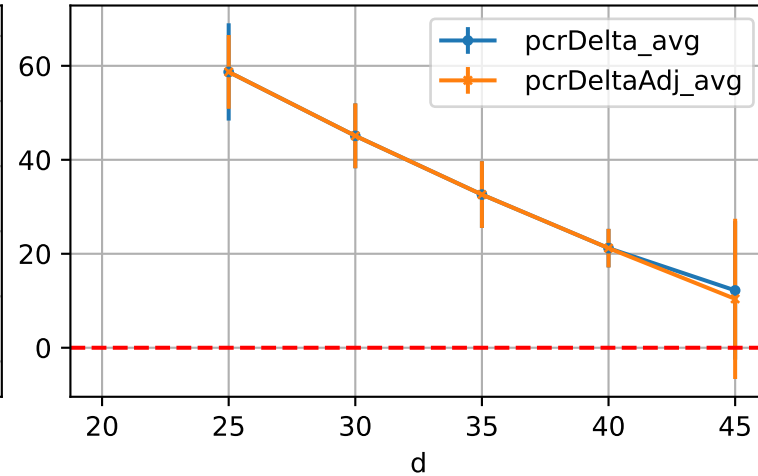


LfA: model est vs obsOv@Q50

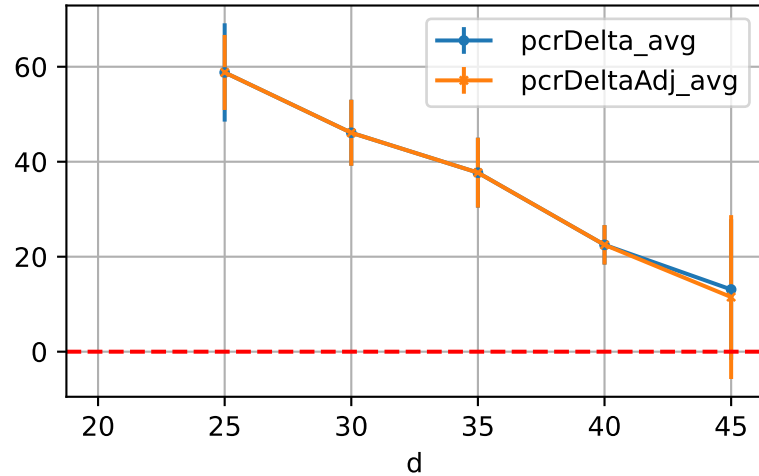


P10AE LfA: D_5d_LfA

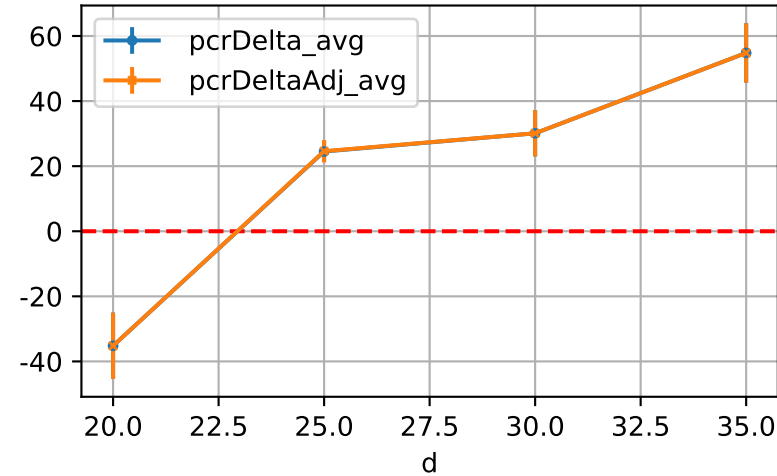
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

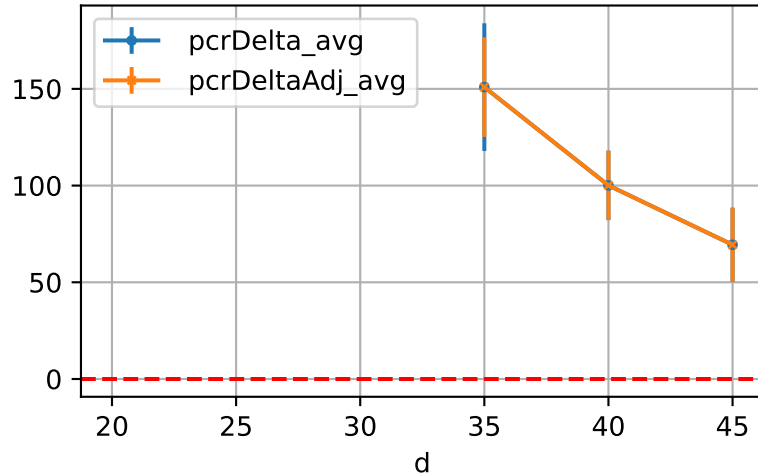


DeltaTypeAbbr=GrpByAge

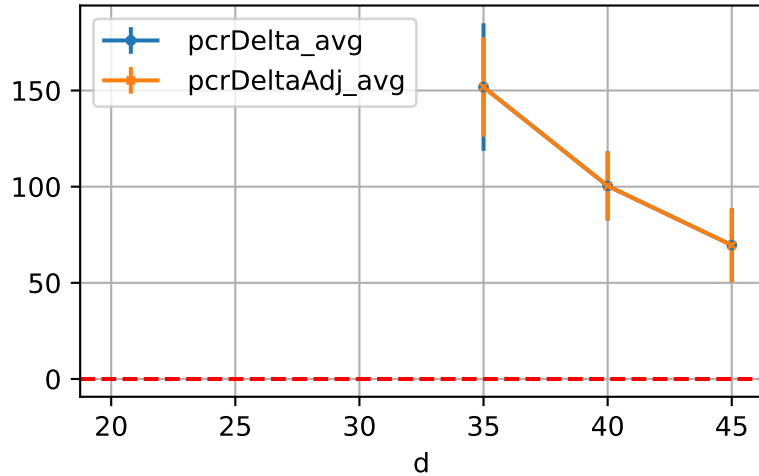


P10AE LfA: D_15d_LfA

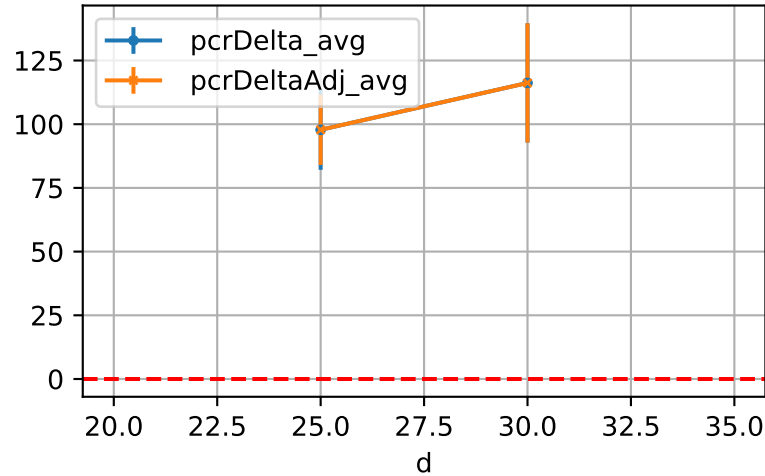
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

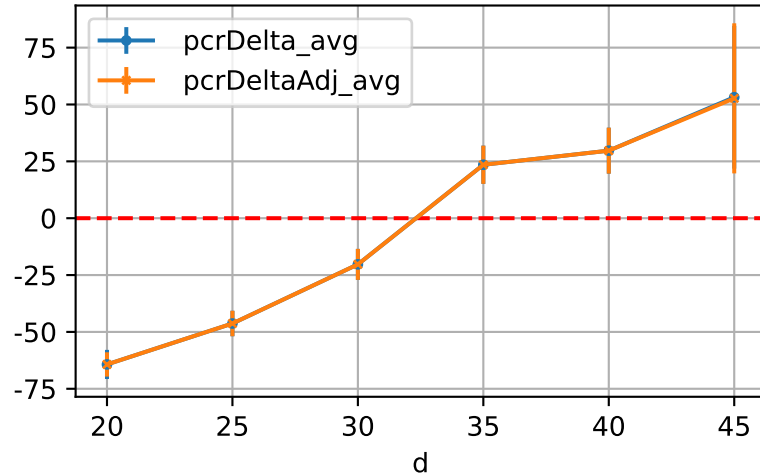


DeltaTypeAbbr=GrpByAge

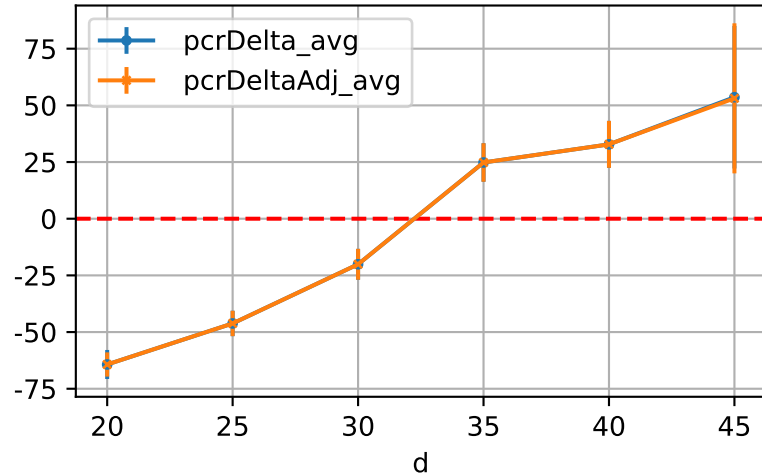


P10AE LfA: D_Q50_LfA

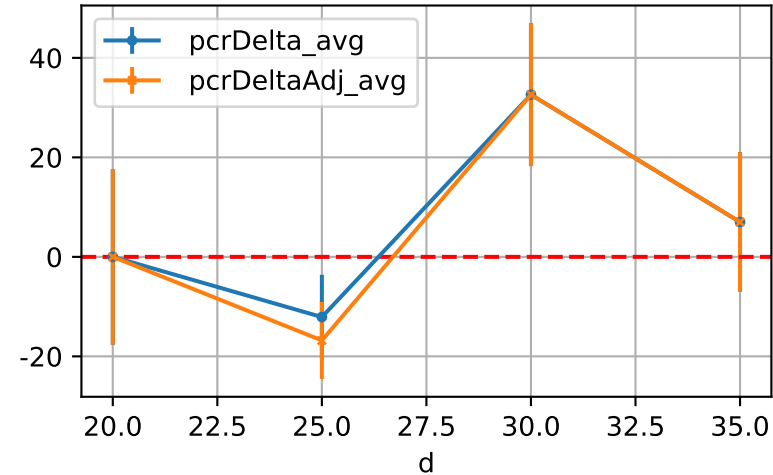
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

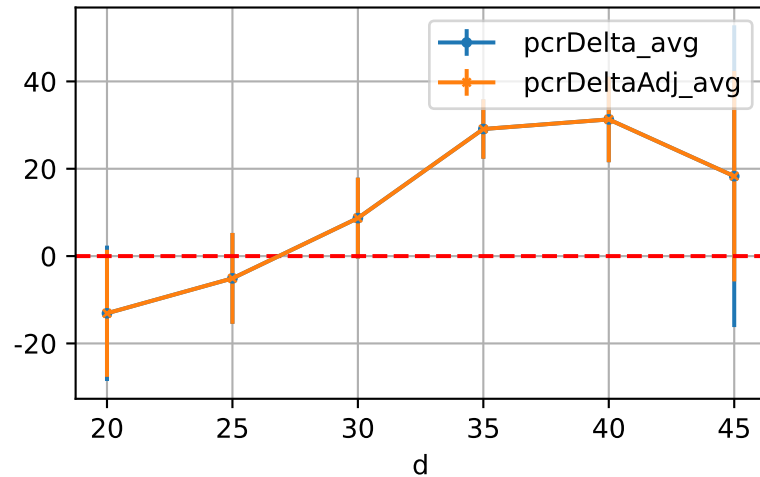


DeltaTypeAbbr=GrpByAge

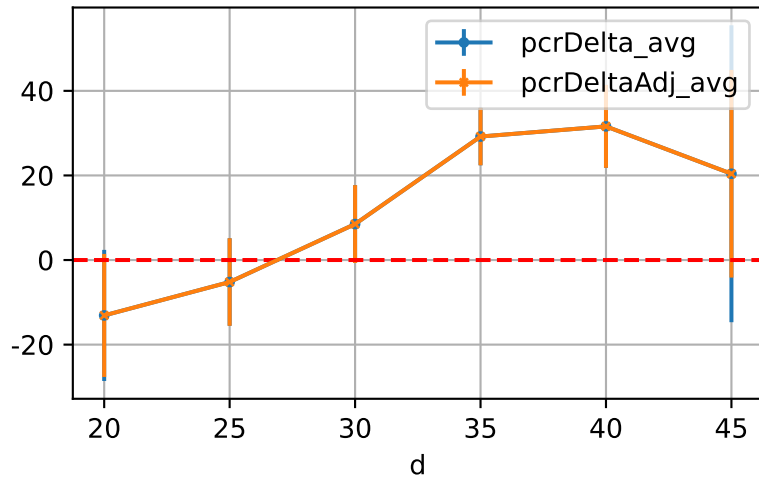


P10AE LfA: D_Est_LfA

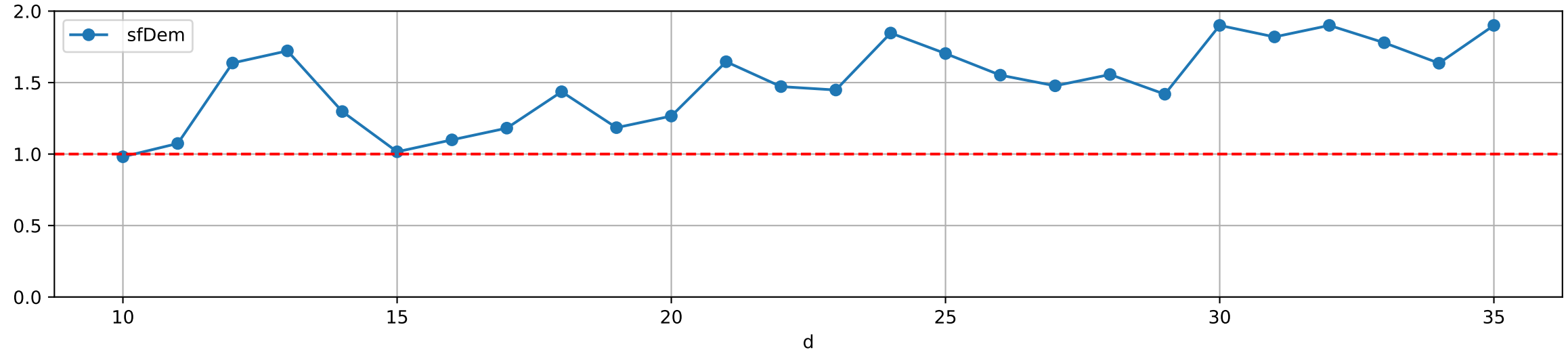
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD



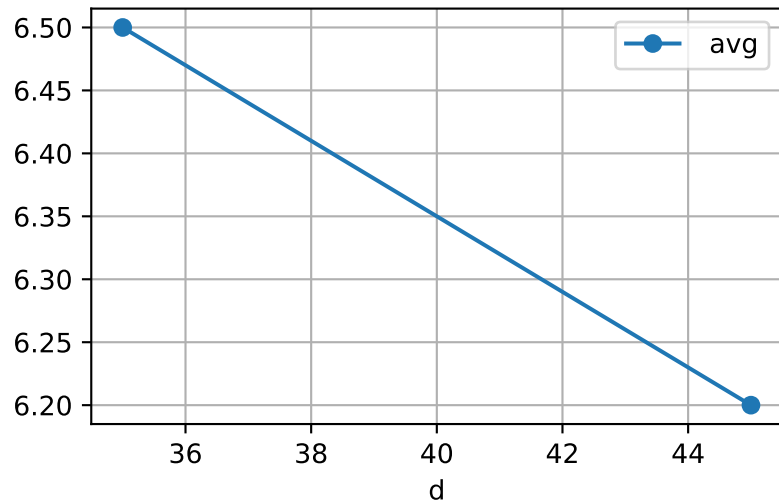
LfA: sfDem



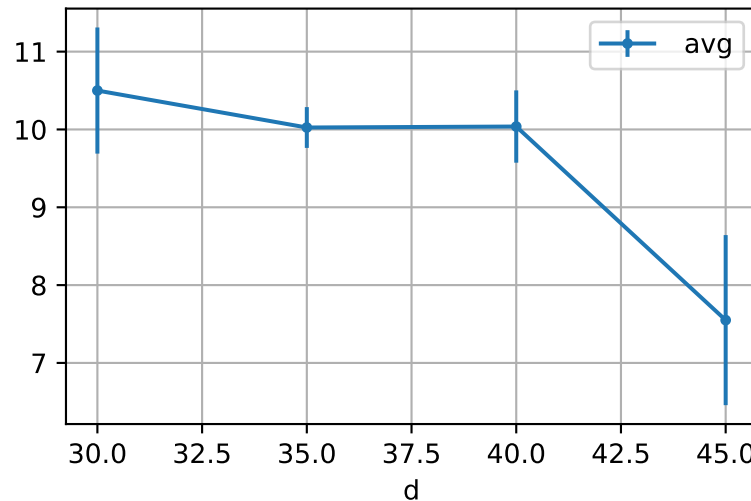


NdD: avg vs. d at each age group

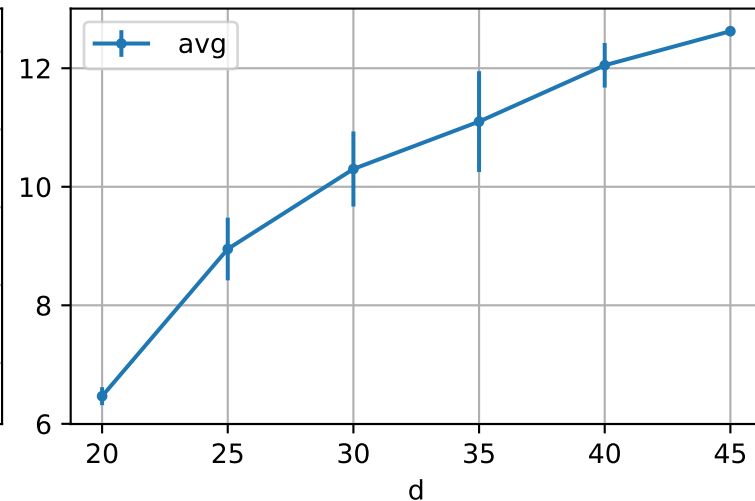
age=15



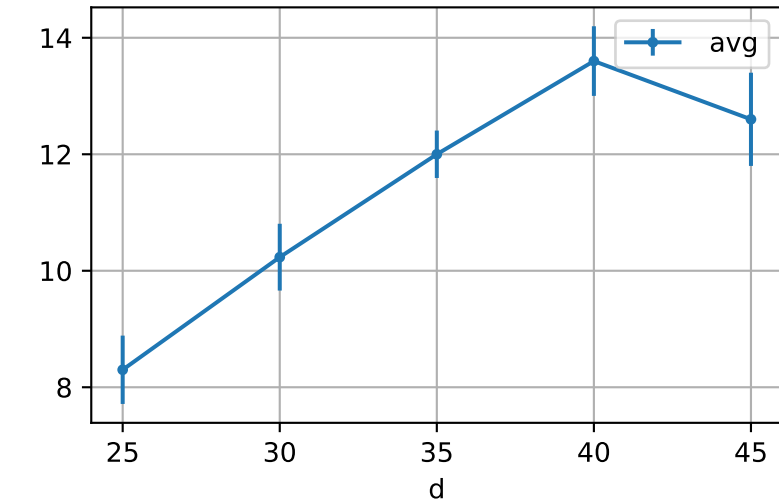
age=20



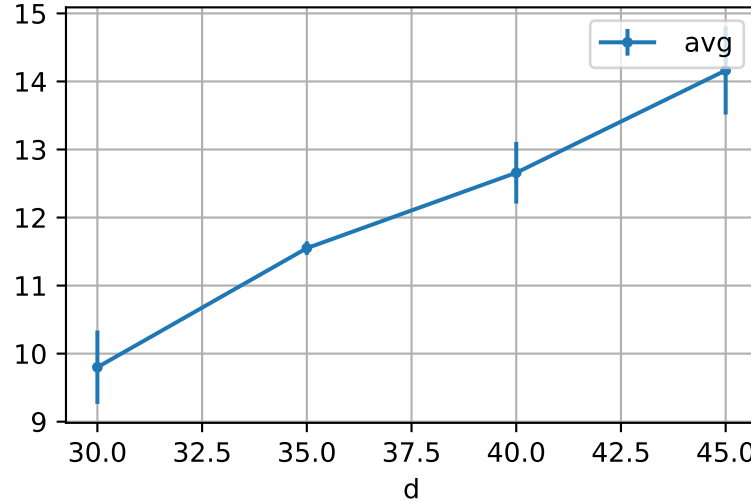
age=25



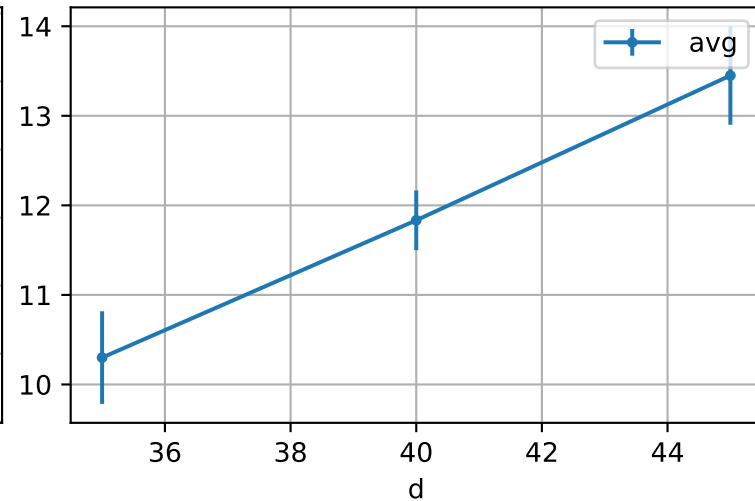
age=30



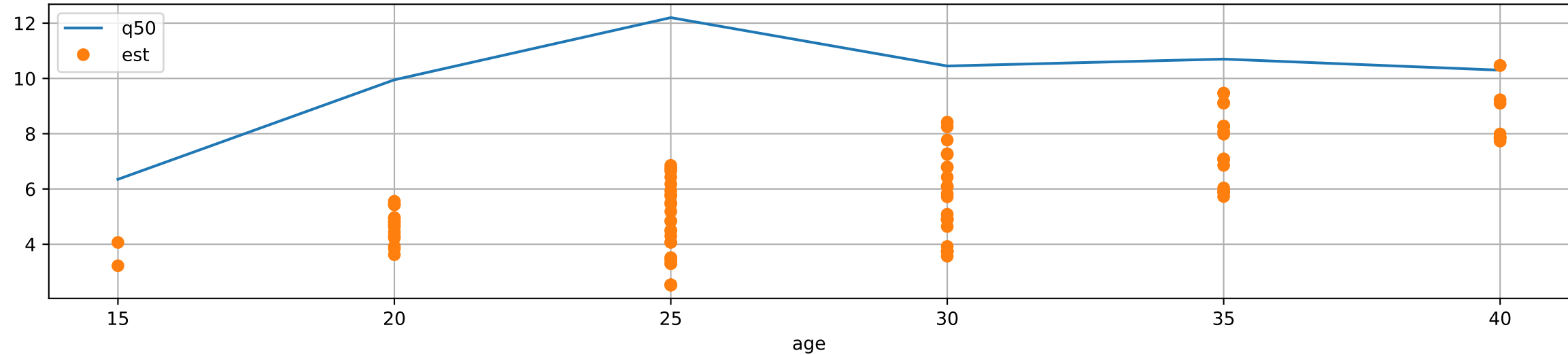
age=35



age=40

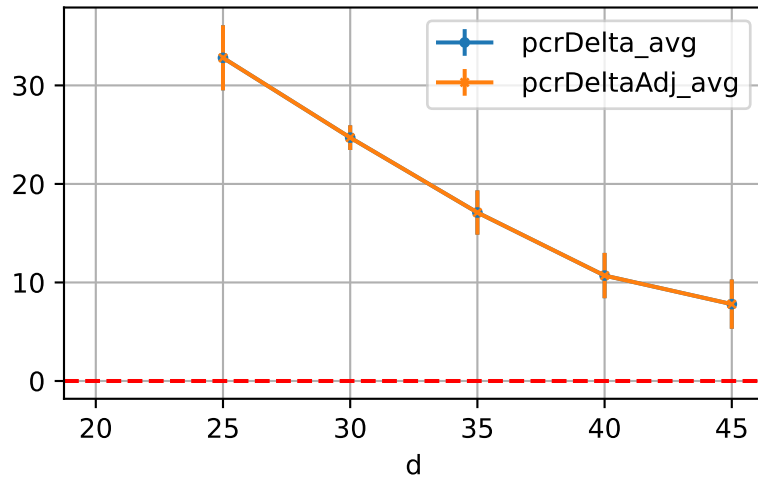


NdD: model est vs obsOv@Q50

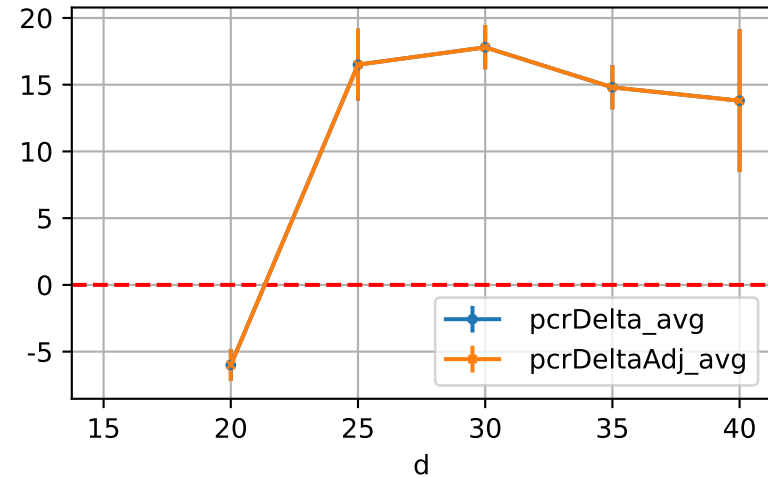


P10AE NdD: D_5d_NdD

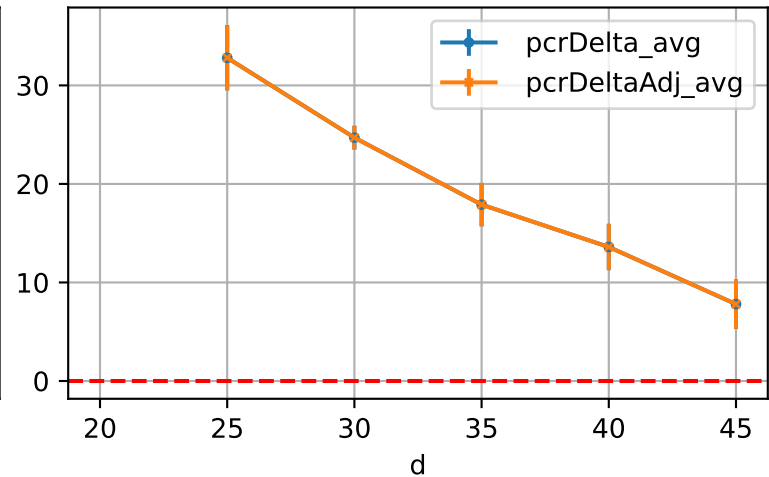
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

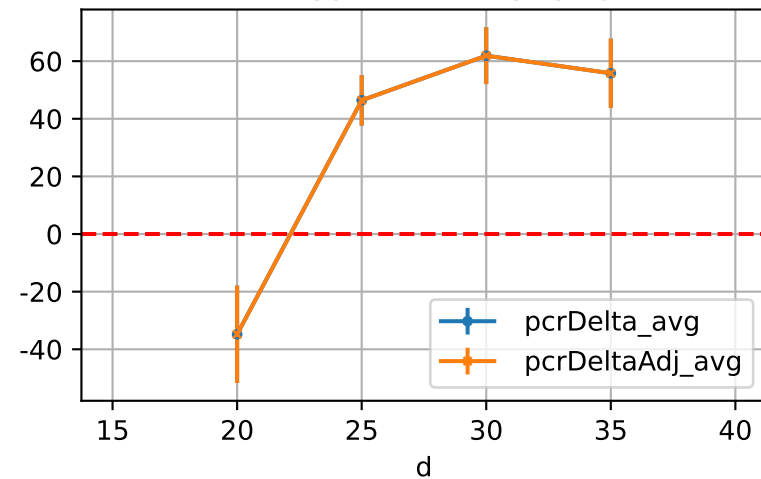


DeltaTypeAbbr=WeiAvgByD

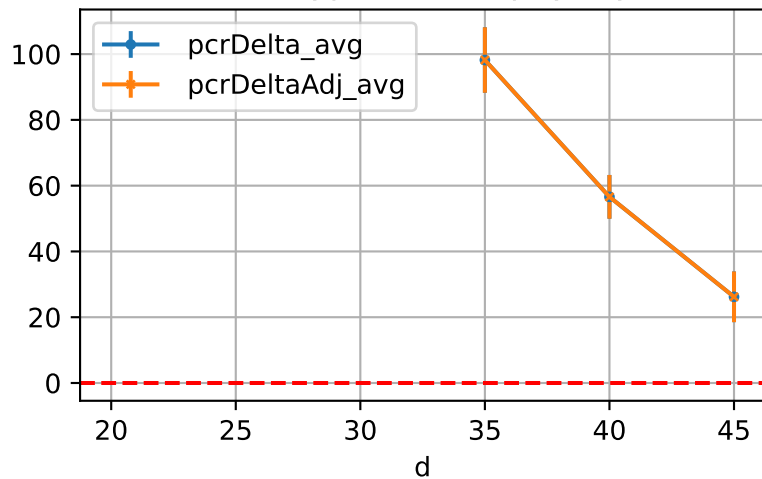


P10AE NdD: D_15d_NdD

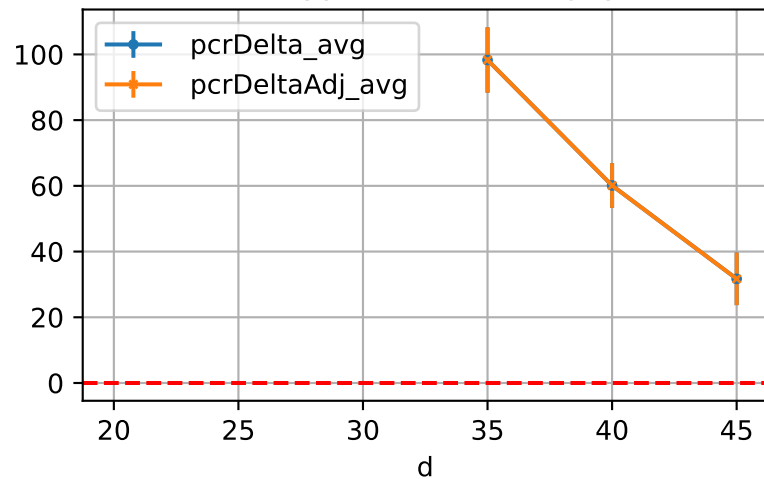
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

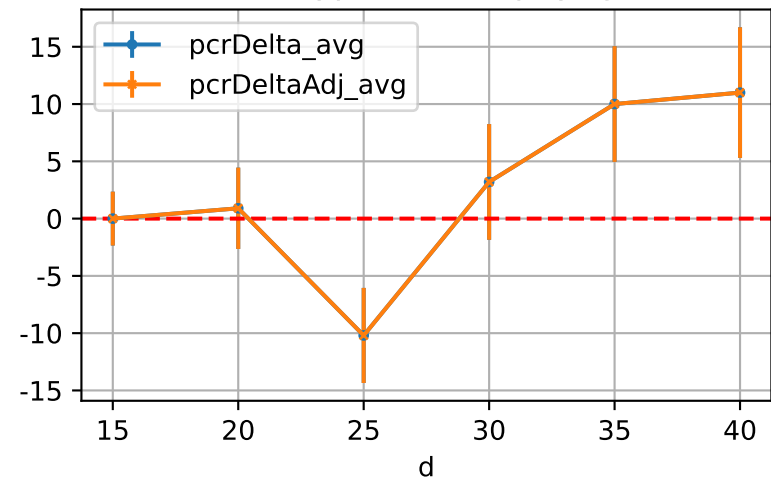


DeltaTypeAbbr=WeiAvgByD

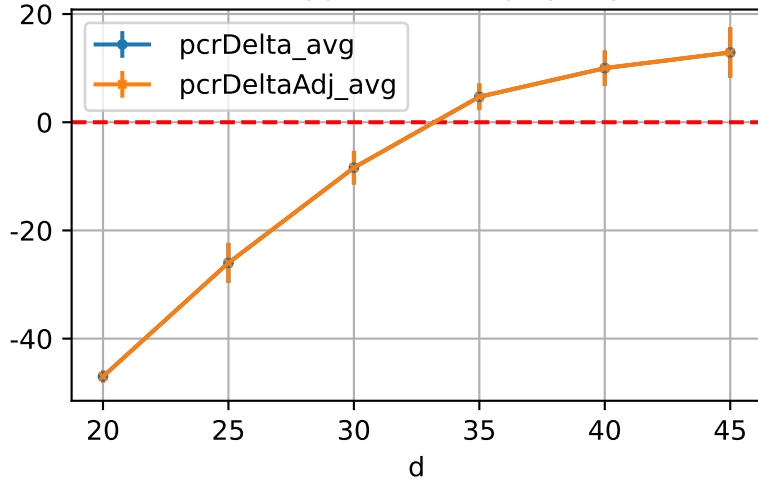


P10AE NdD: D_Q50_NdD

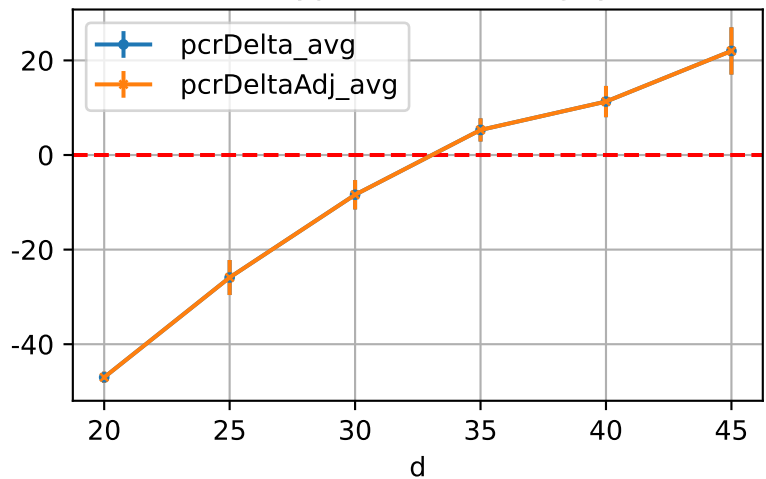
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

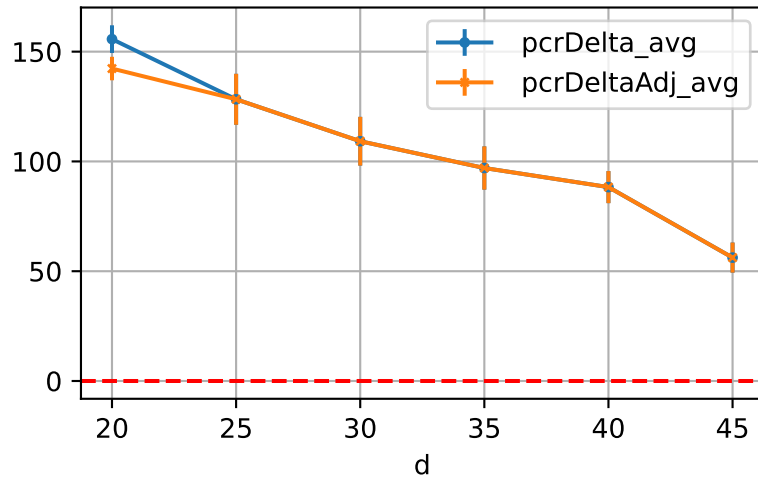


DeltaTypeAbbr=WeiAvgByD

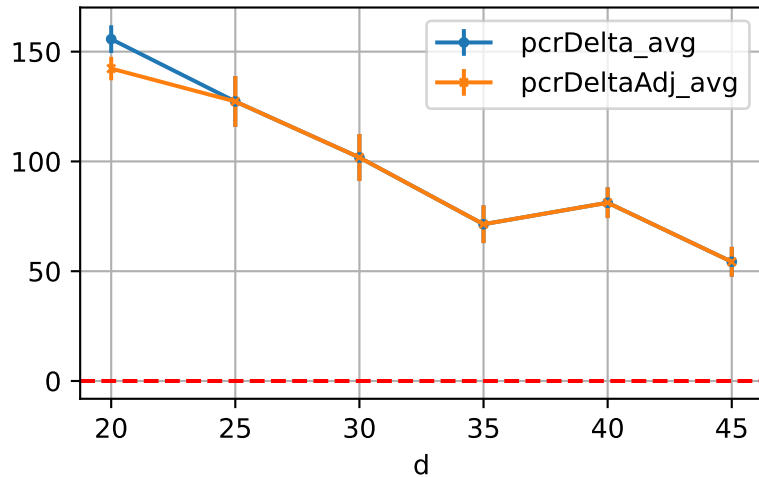


P10AE NdD: D_Est_NdD

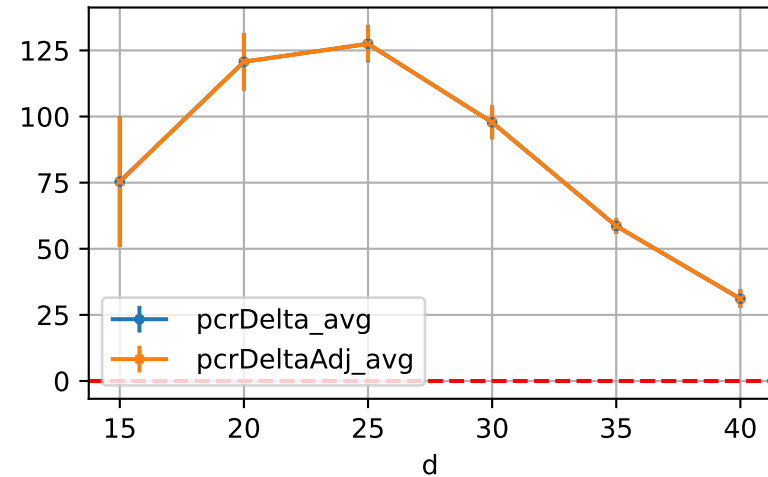
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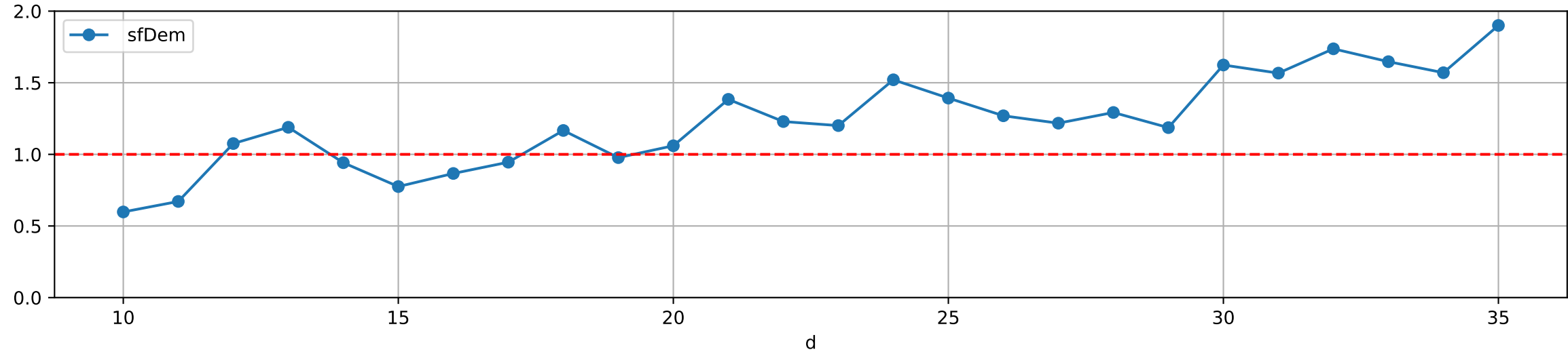
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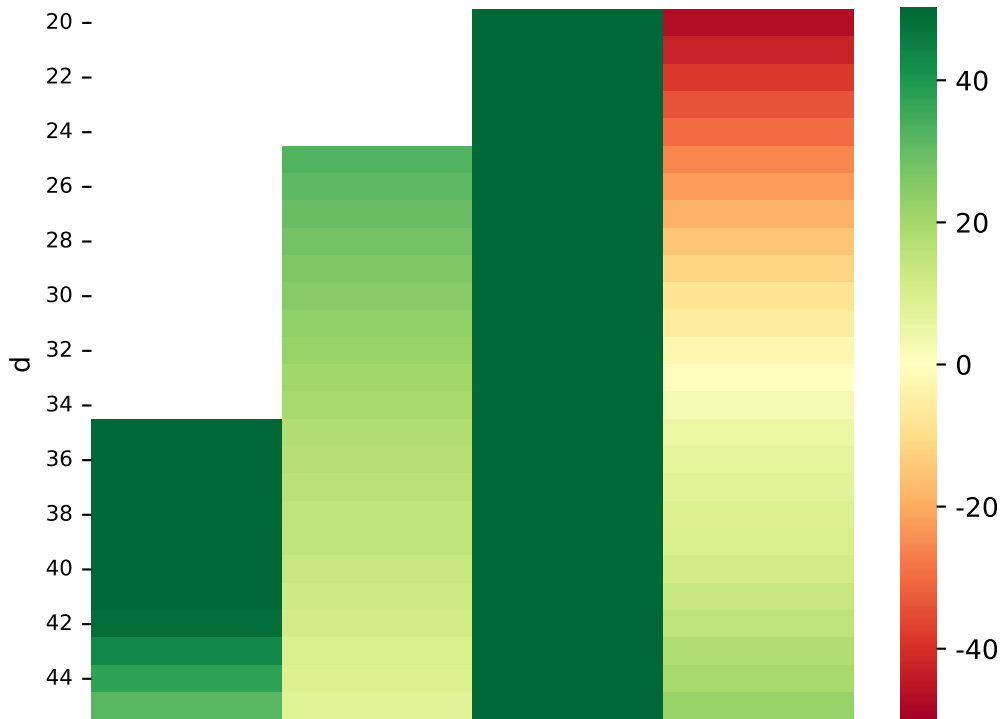


DeltaTypeAbbr=GrpByAge

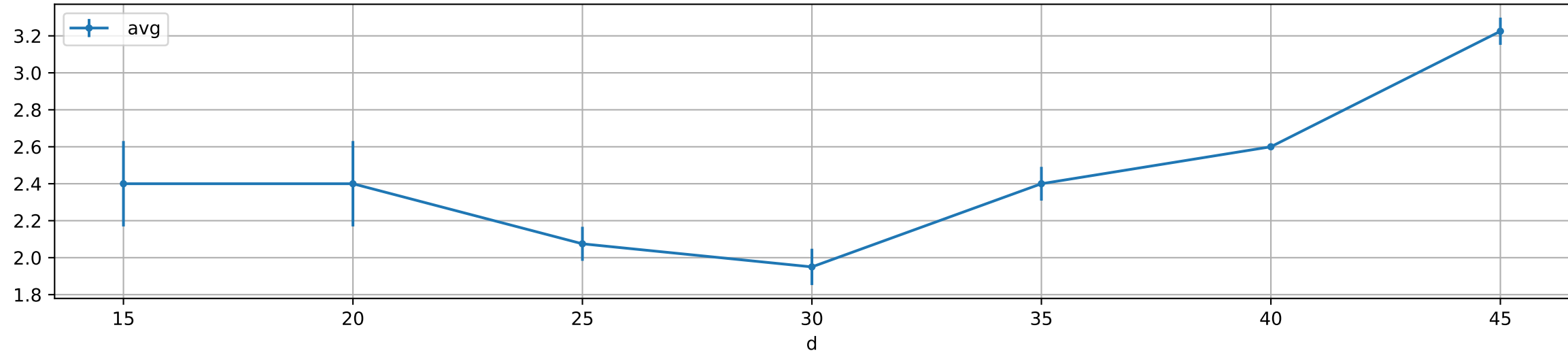


NdD: sfDem

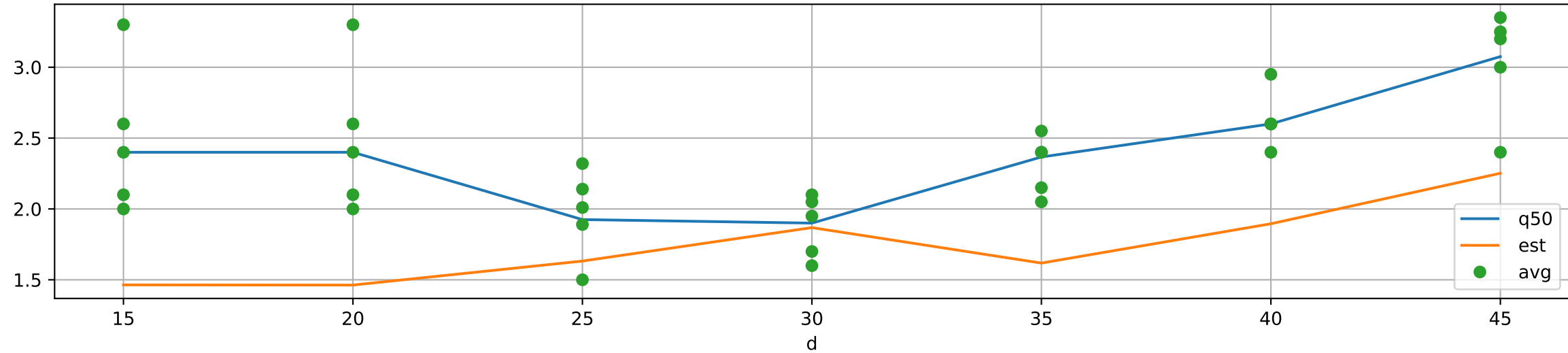




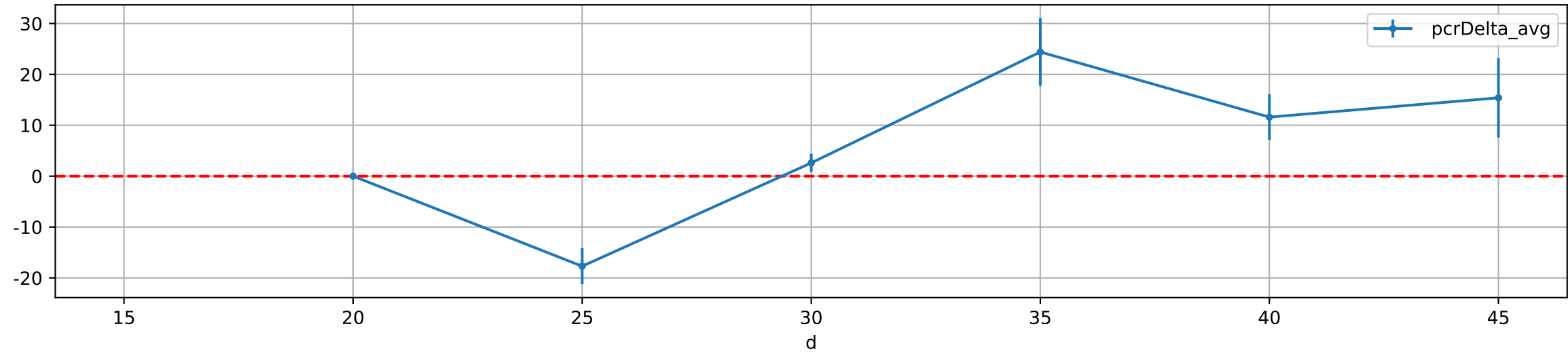
dStH: avg vs. d



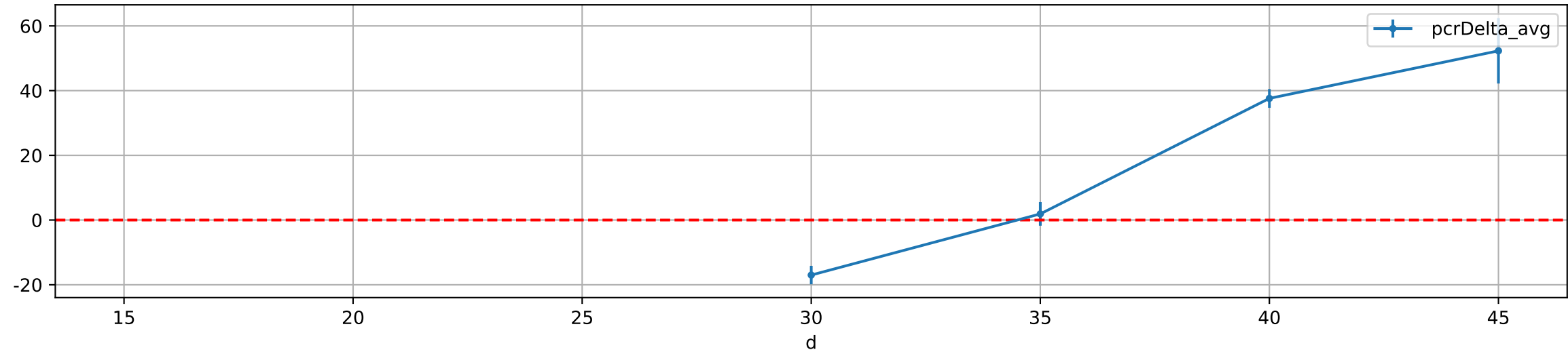
dStH: obsAvg vs obsOv@Q50



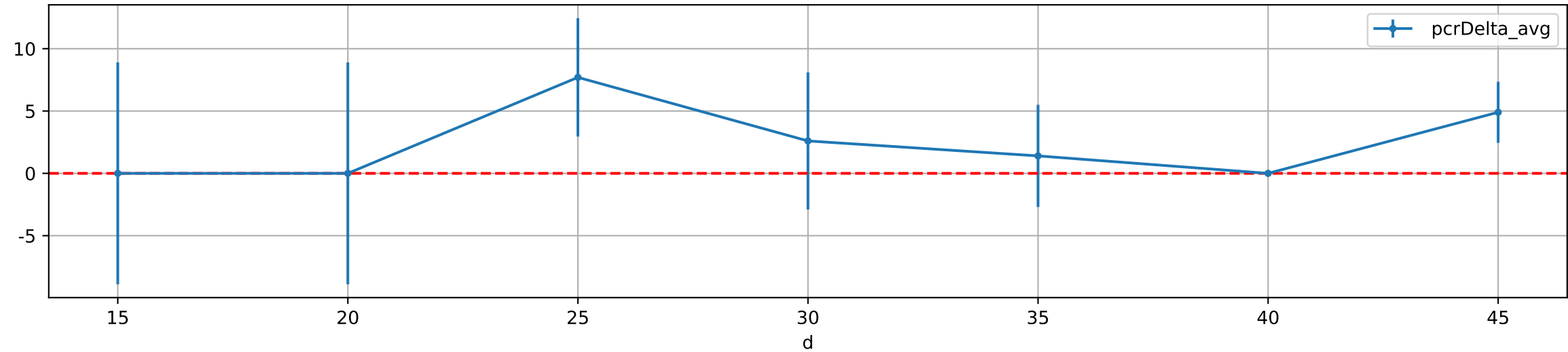
dStH: D_5d_StH



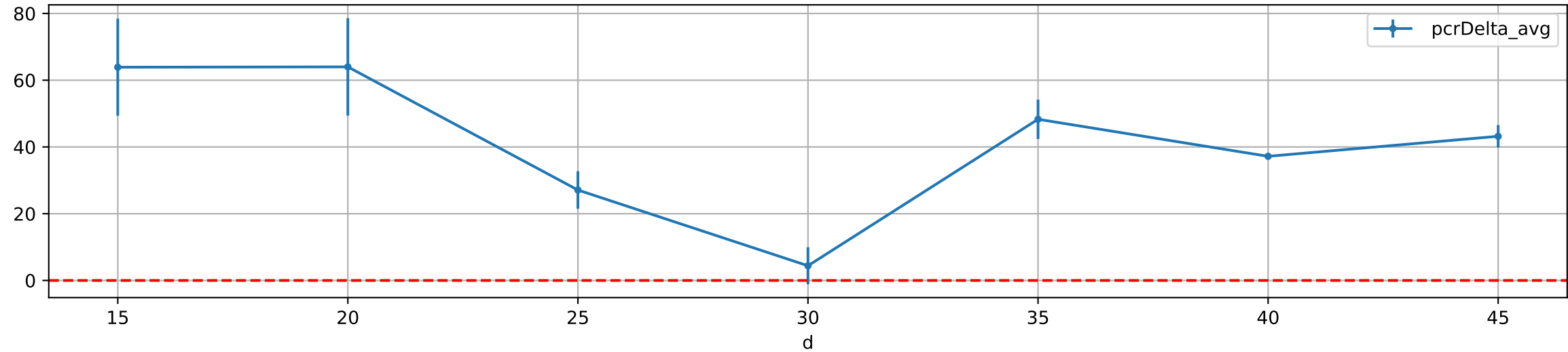
dStH: D_15d_StH



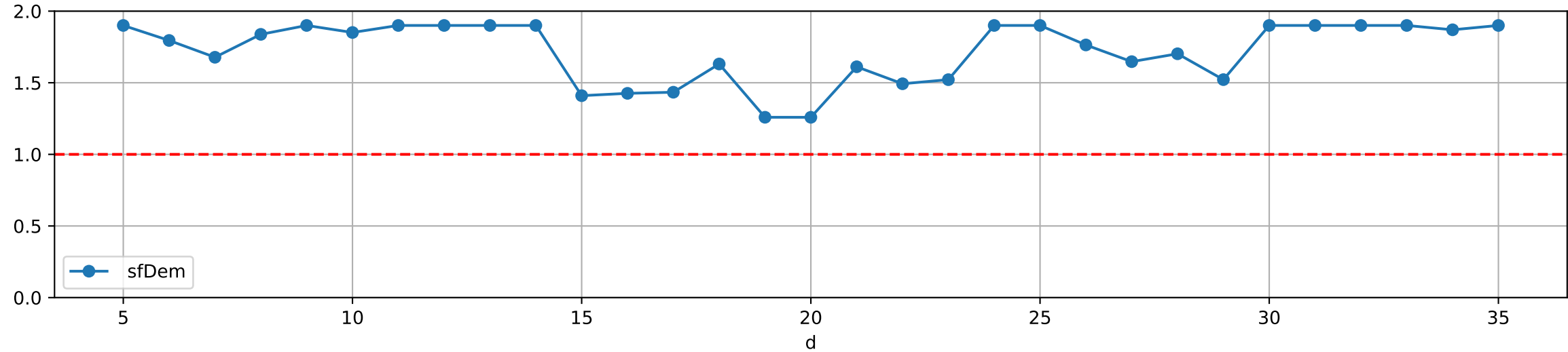
dStH: D_Q50_StH

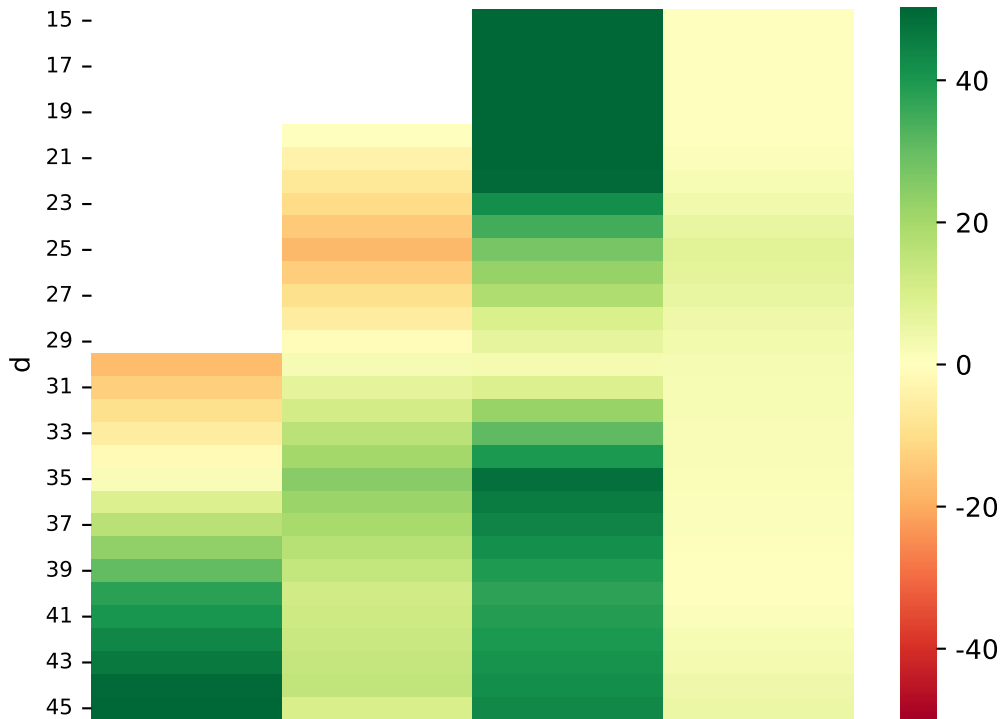


dStH: D_Est_StH



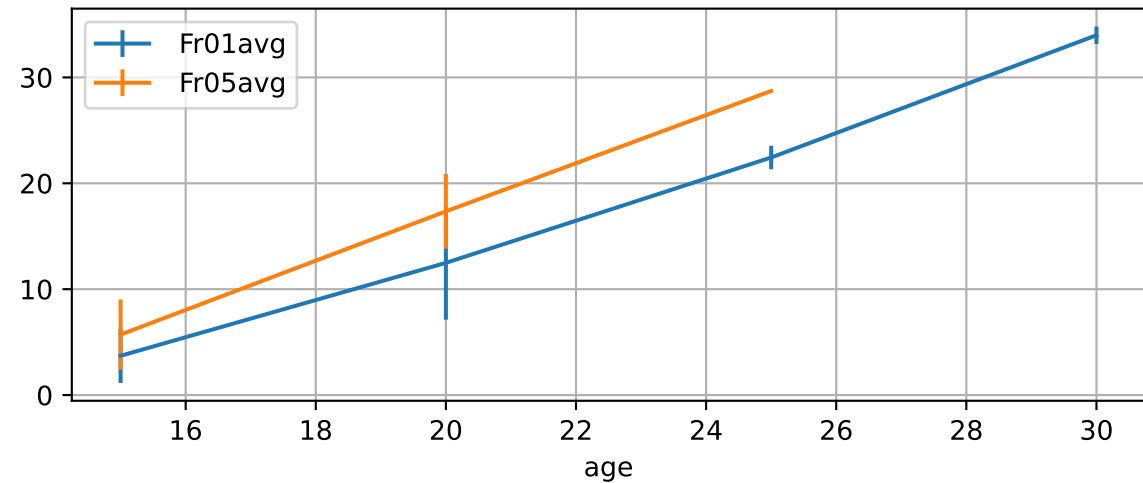
dStH: sfDem



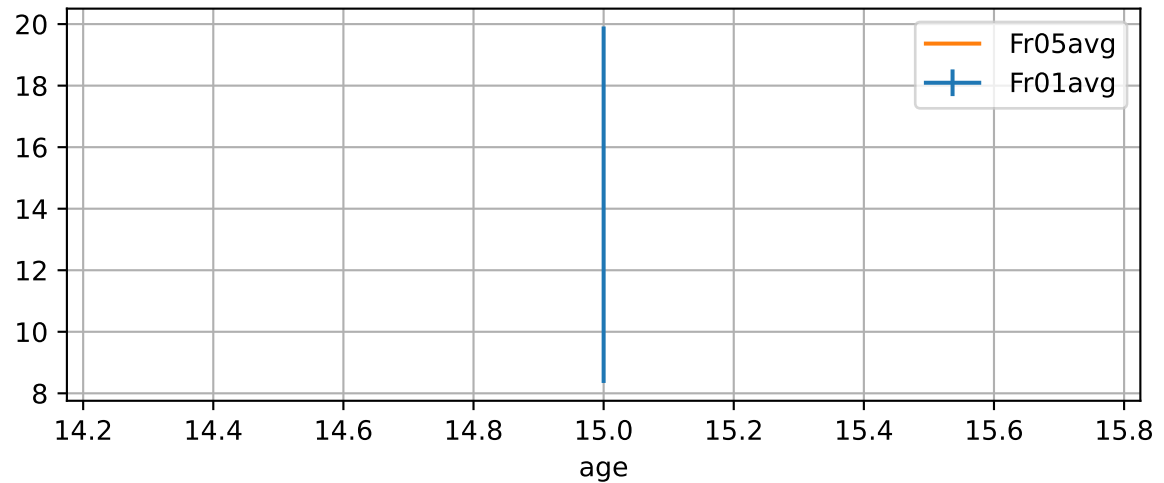


FrV: Fr01 vs Fr05 at each truss

organID=T01

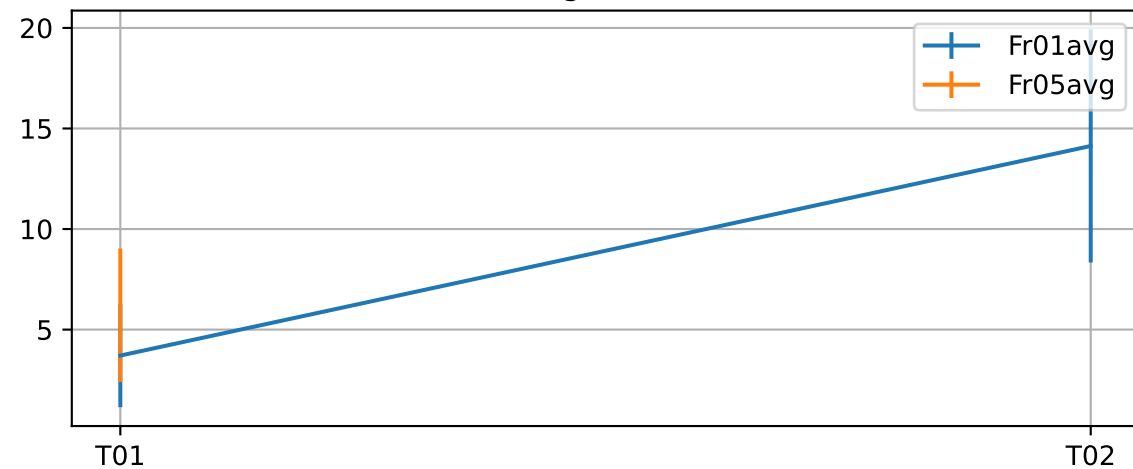


organID=T02

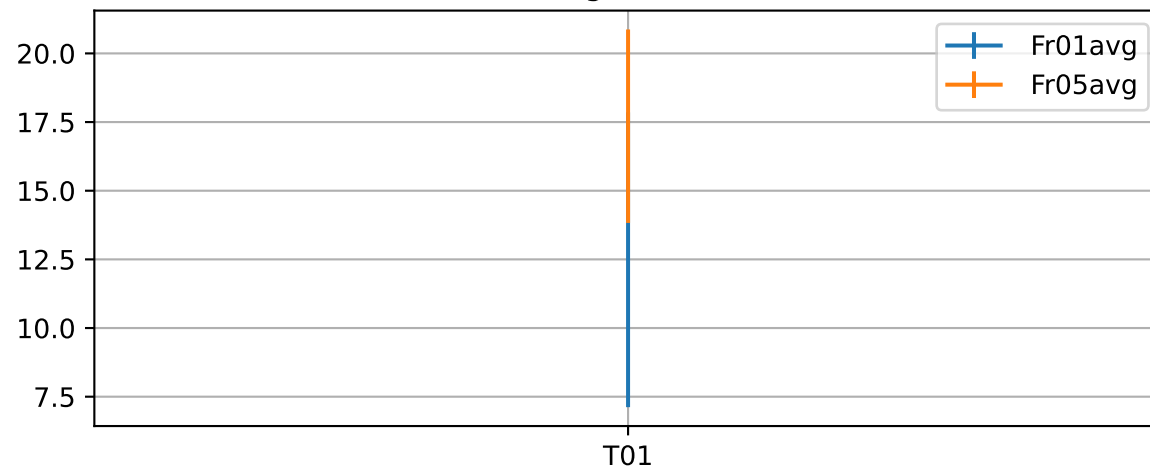
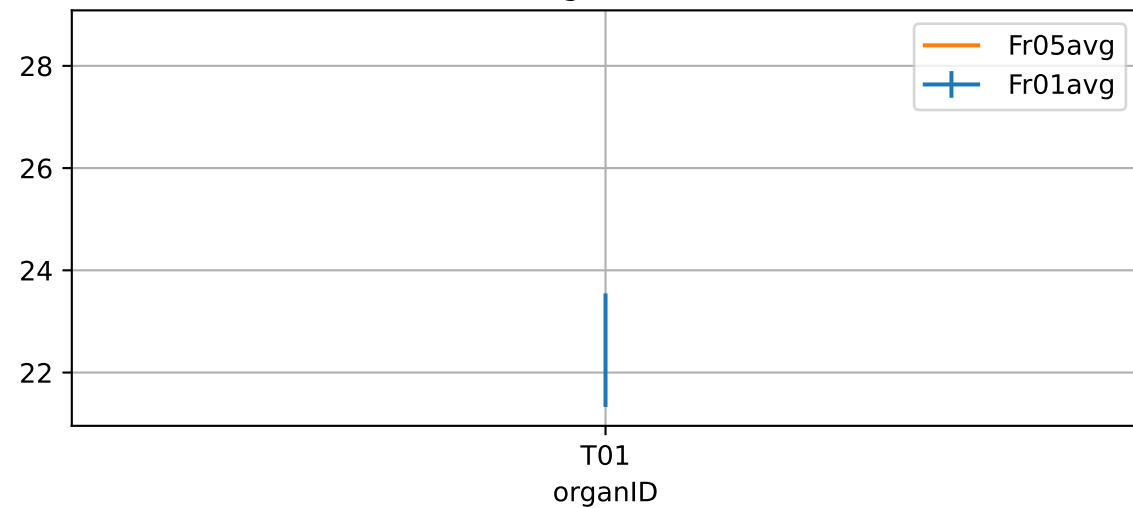


FrV trend at each age

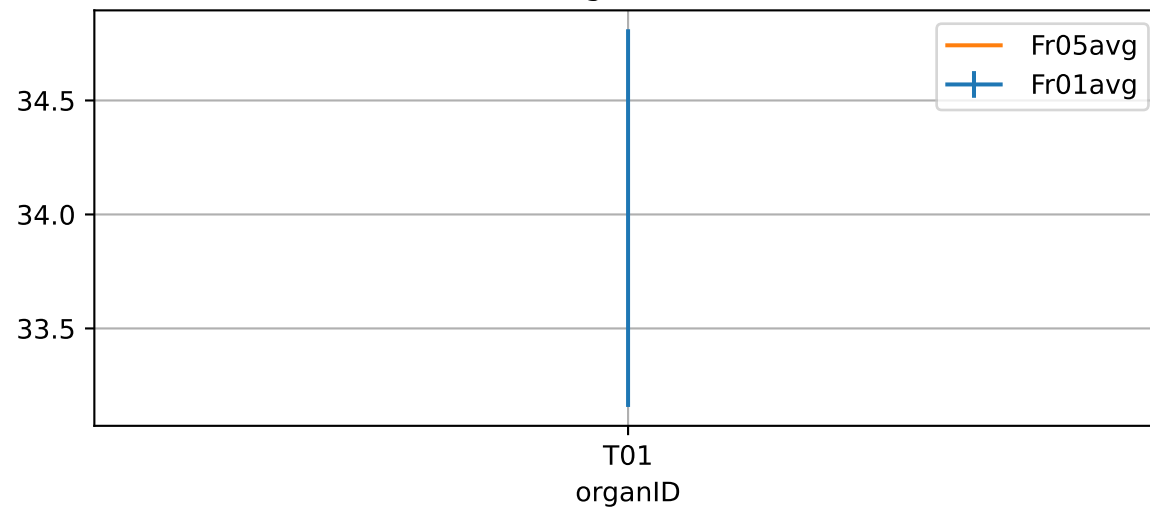
age=15



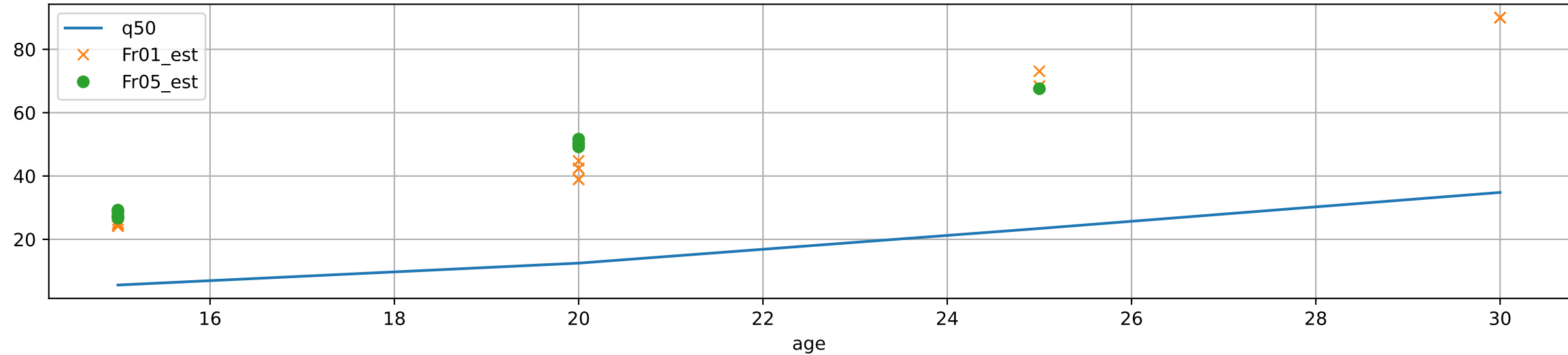
age=20

organID
age=25

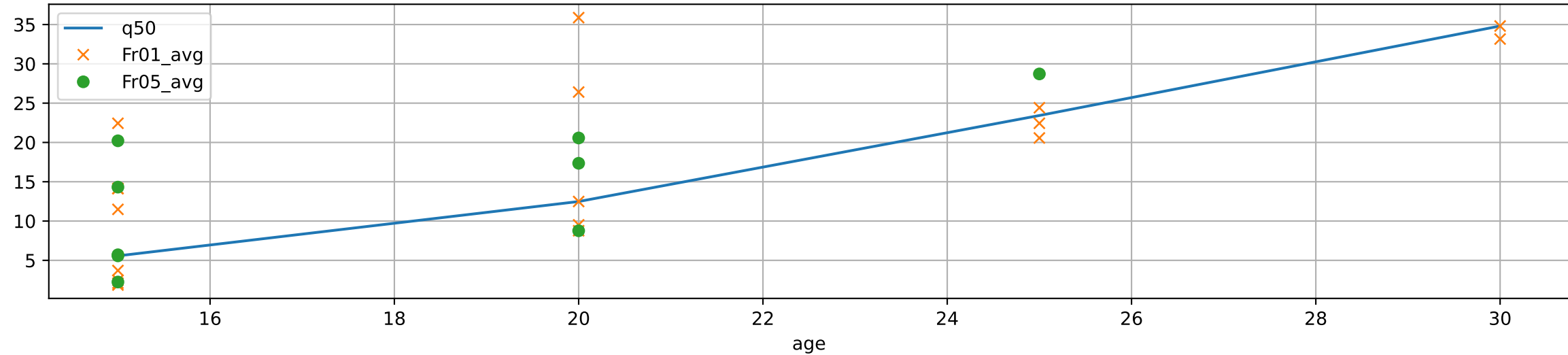
age=30



FrV: model Est vs obsFrV at Q90

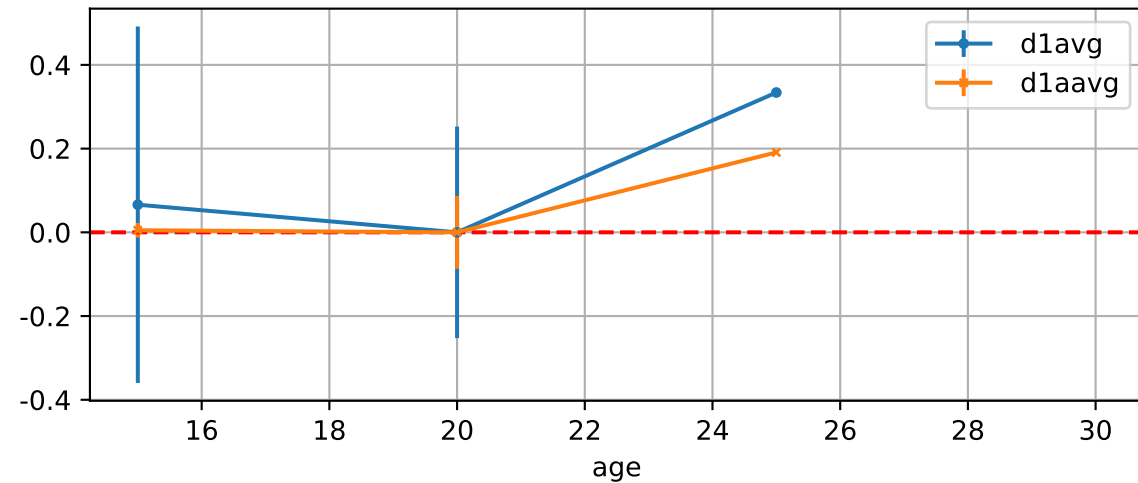


FrV: obsFrV vs obsFrV@Q90

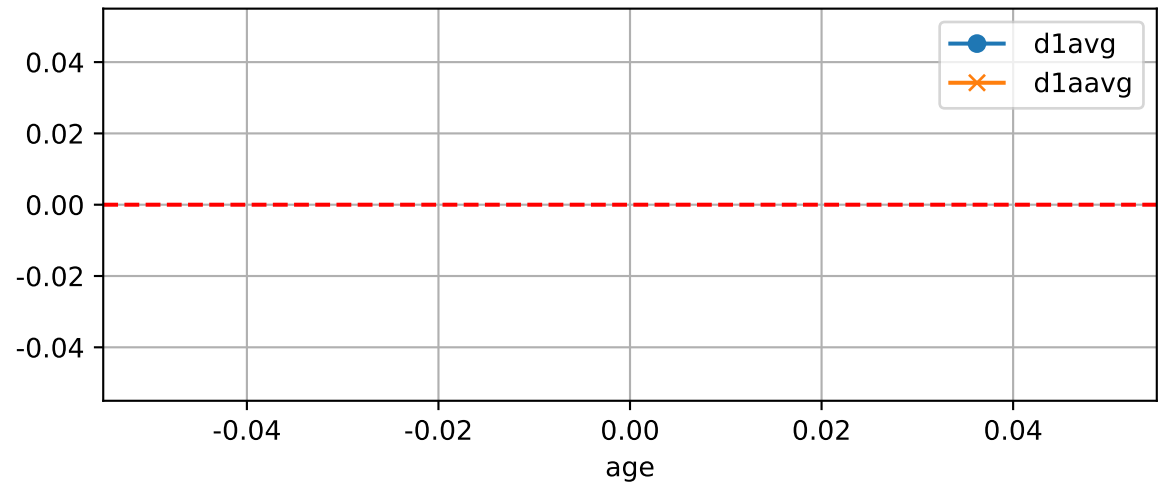


FrV: D_Fr1_FrV

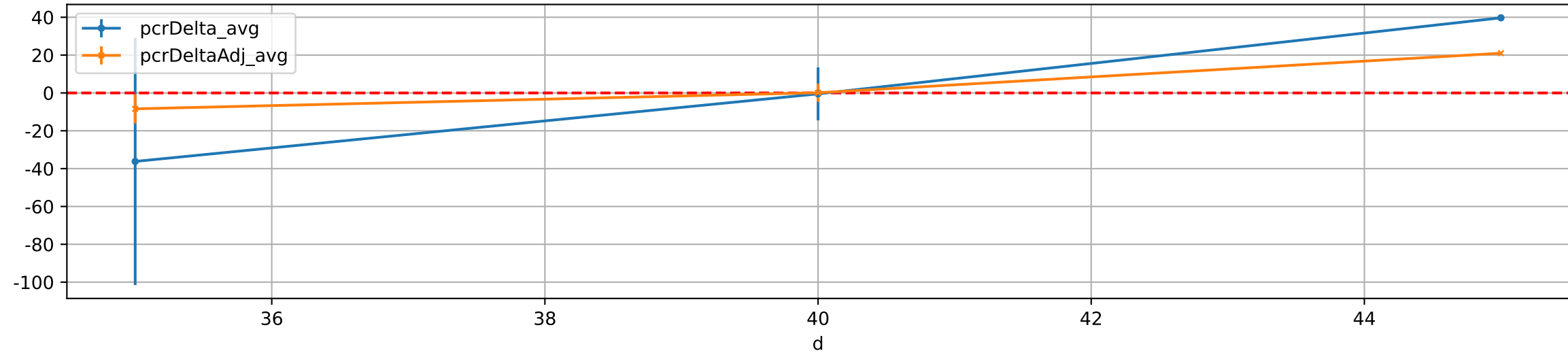
organID=1



organID=2

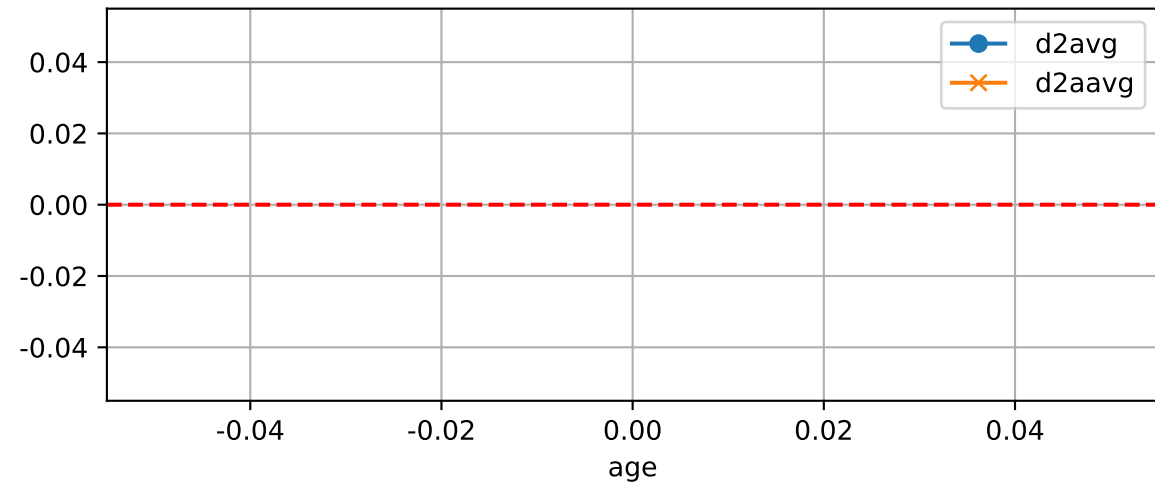


P10AE FrV: D_Fr1_FrV

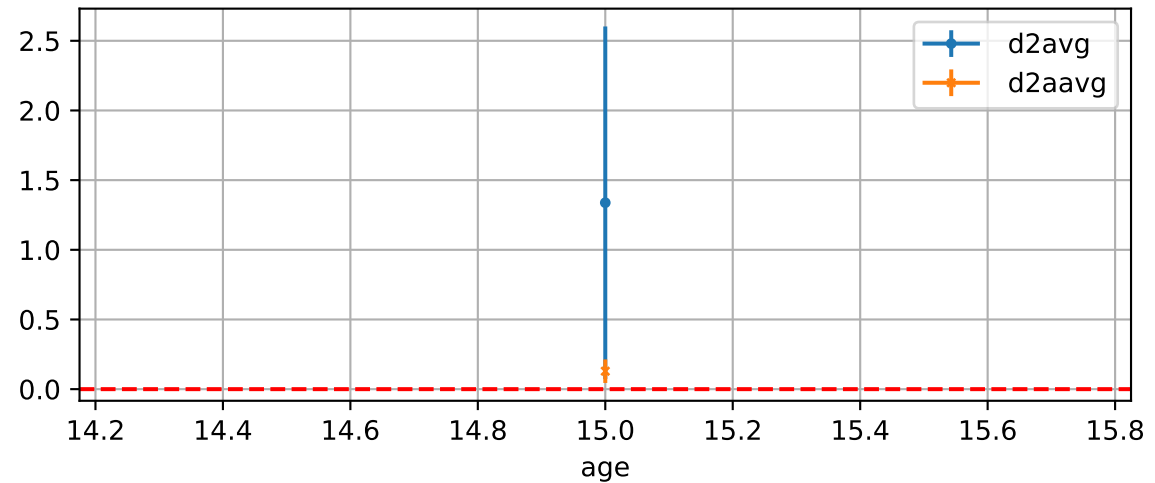


FrV: D_Ts_FrV

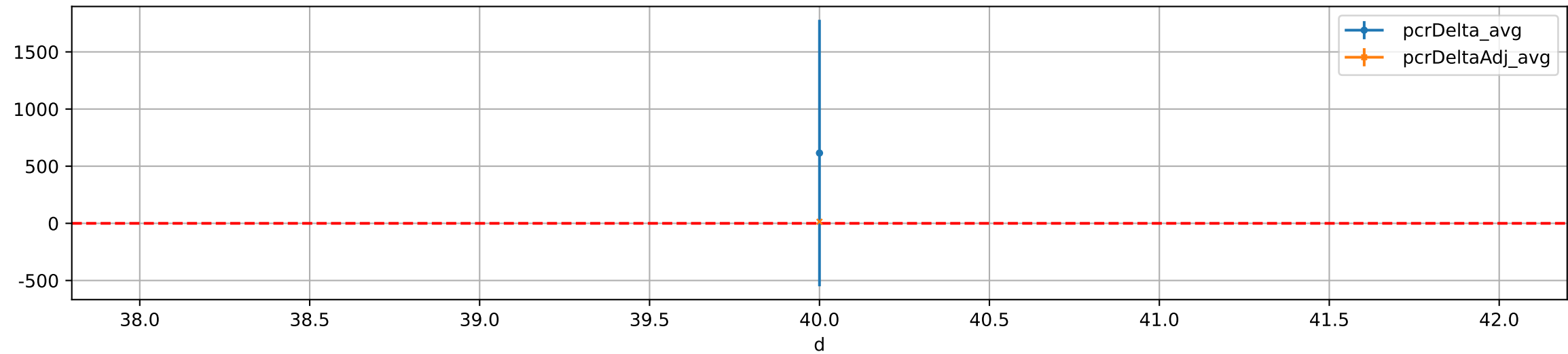
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organID=2

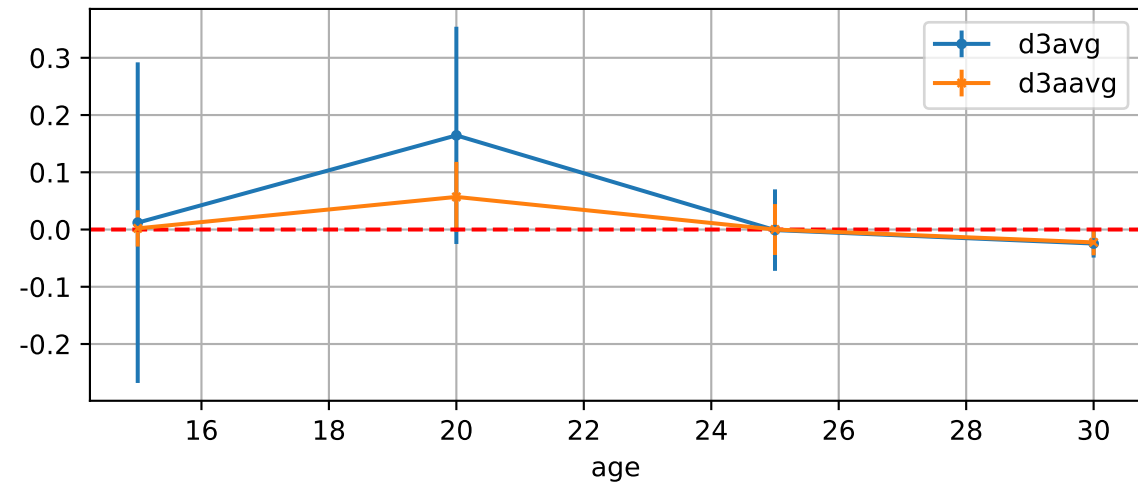


P10AE FrV: D_Ts_FrV

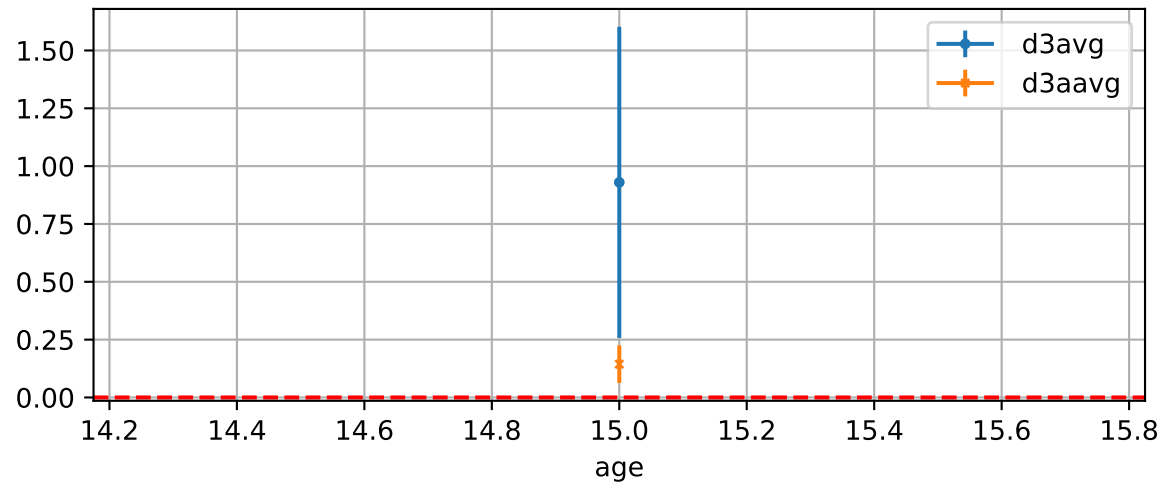


FrV: D_Q50_FrV

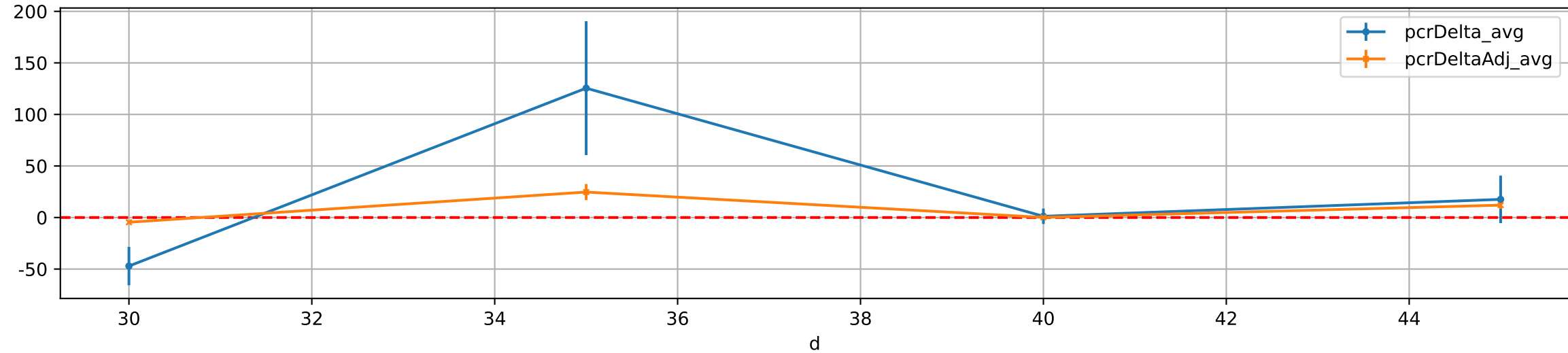
organID=1



organID=2

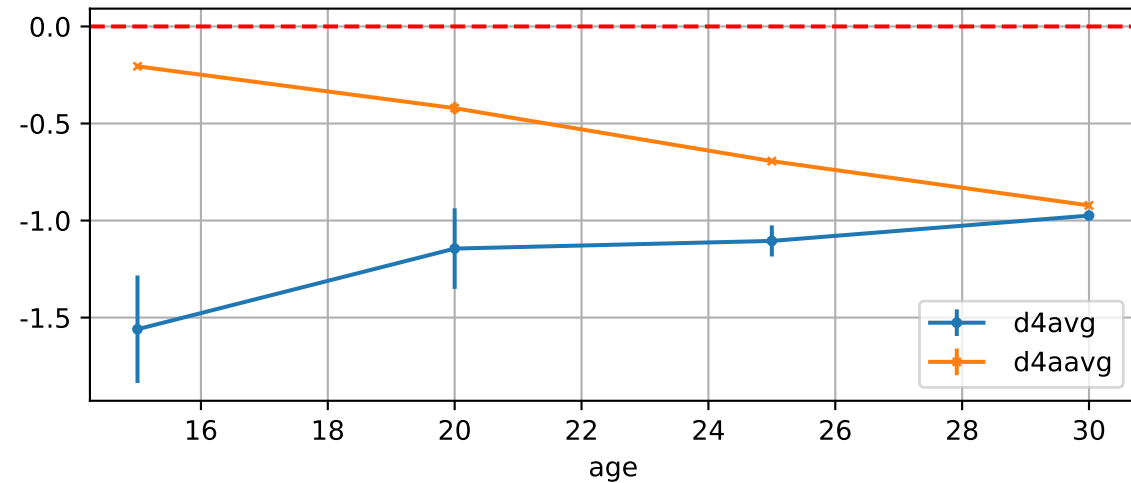


P10AE FrV: D_Q50_FrV

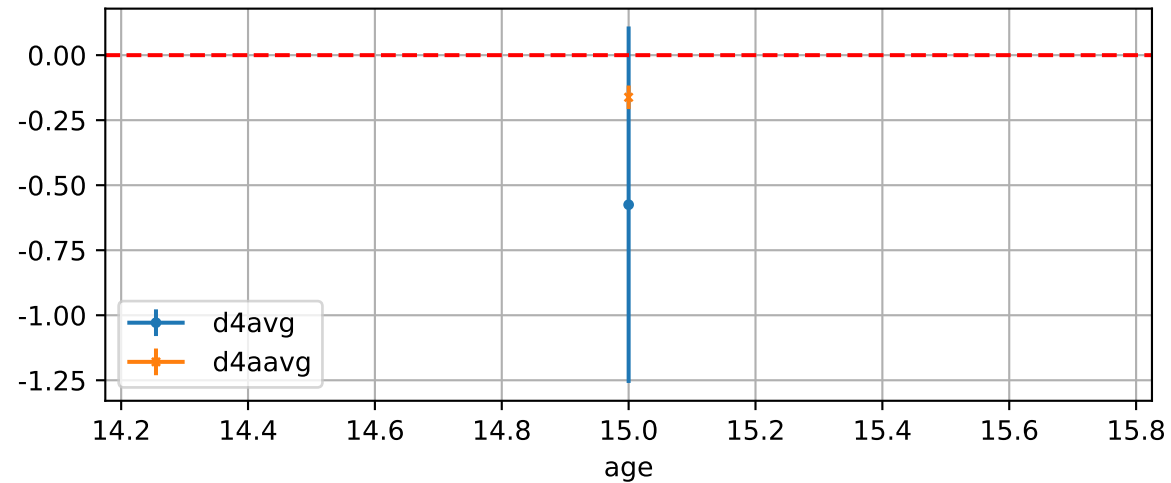


FrV: D_Est_FrV

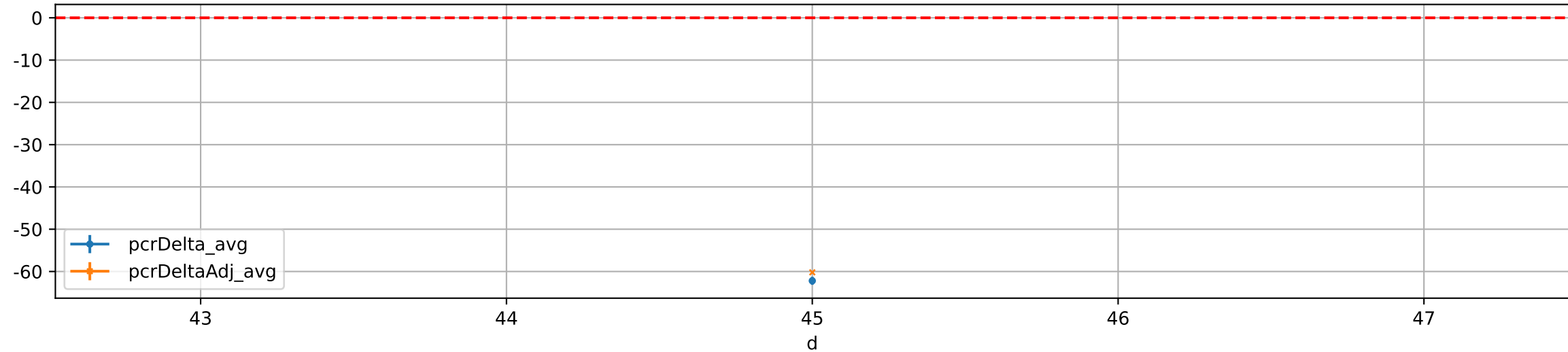
organID=1



organID=2



P10AE FrV: D_Est_FrV



P10AE FrV: sfDem

