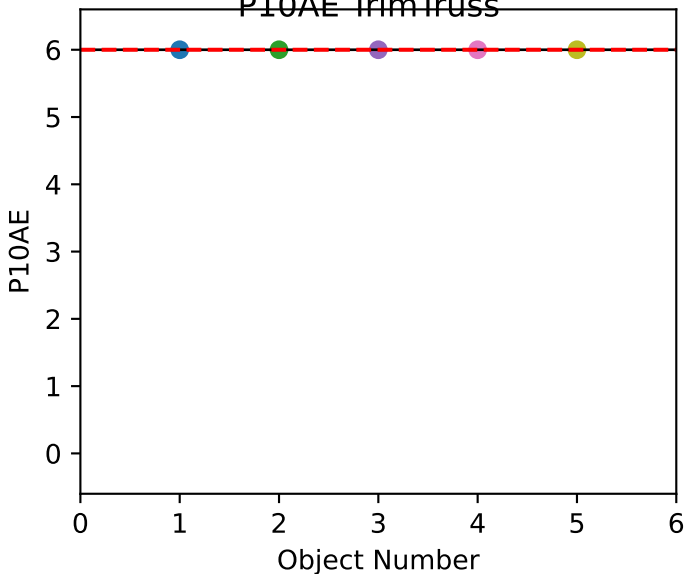


Phenotype Data Analysis Plots
PhenoData day range = 10 - 48
Analysis cutoff day = 48
NC11 P10
2025-05-19 (Day 49)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0 ~0% avg2=na

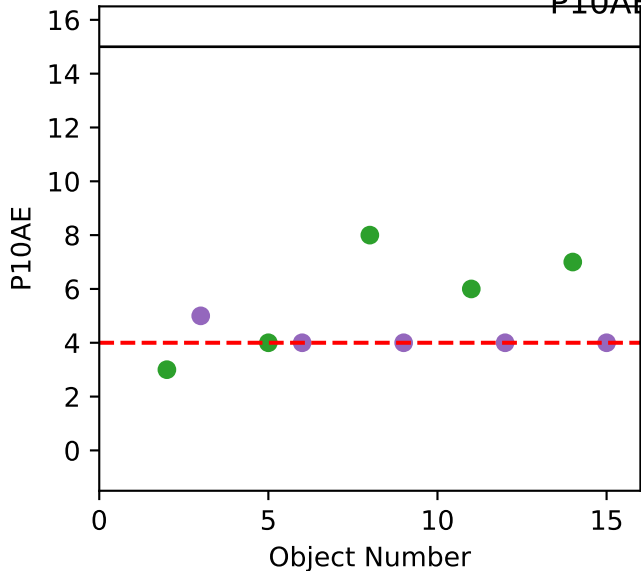
P10AE Trim Truss



FruitNumAvgPerTruss (Def=15 Set=4)

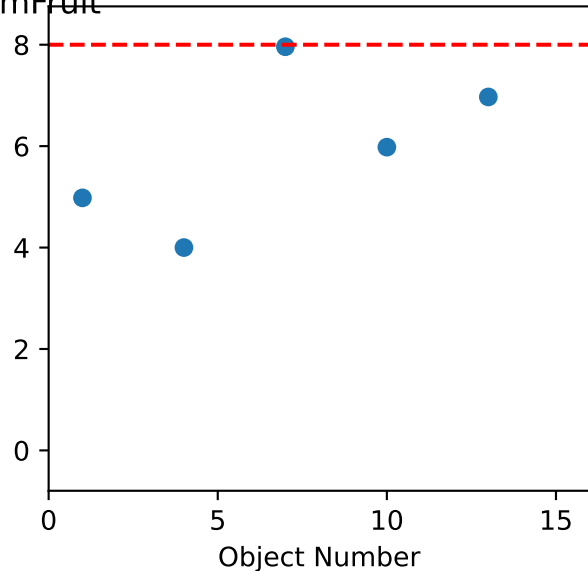
avg1=4.0~40% avg2=na

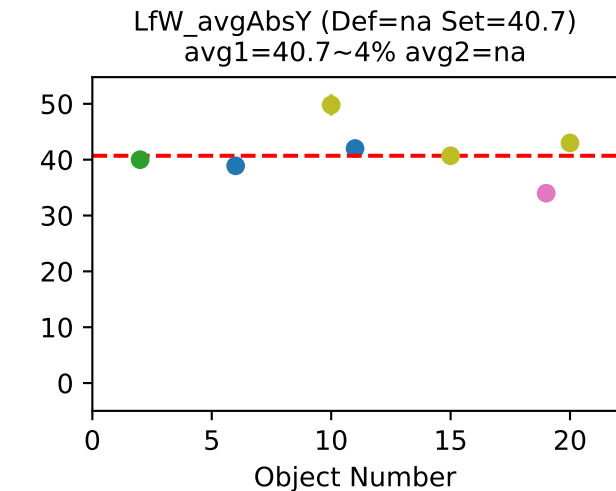
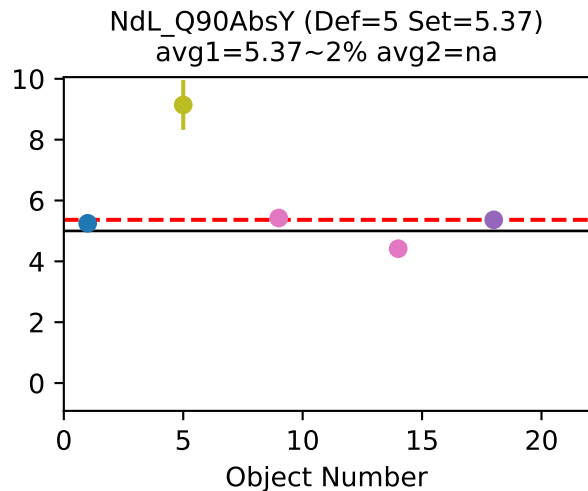
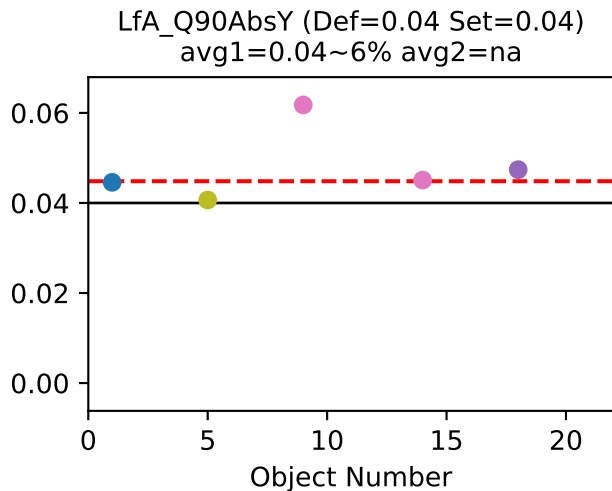
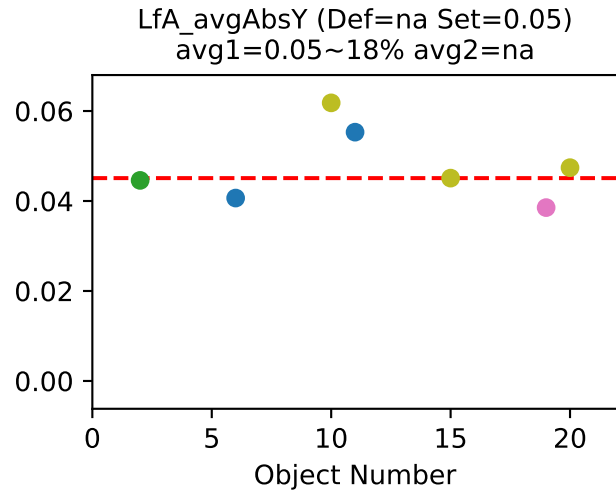
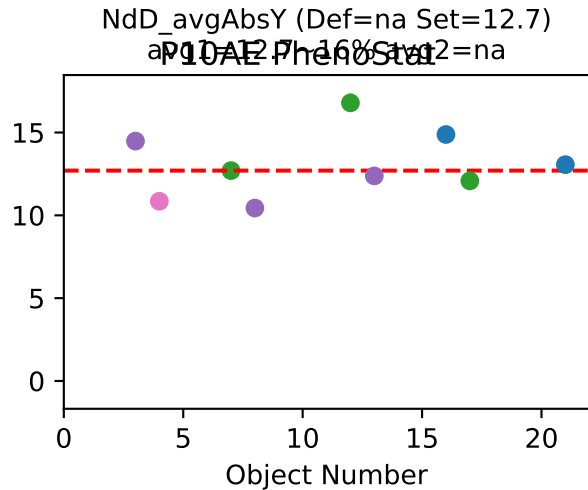
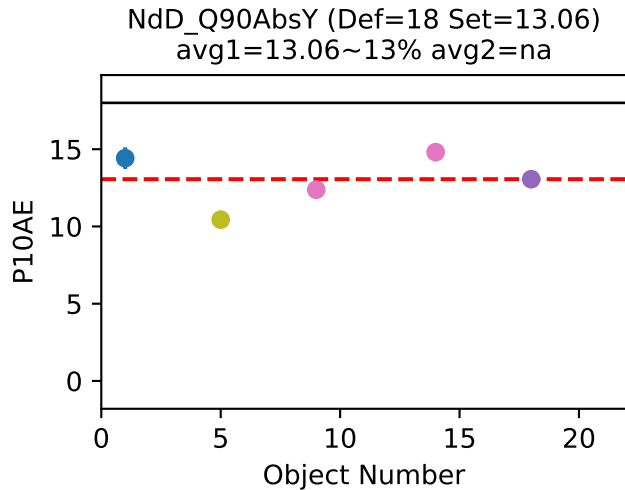
P10AE TrimFruit



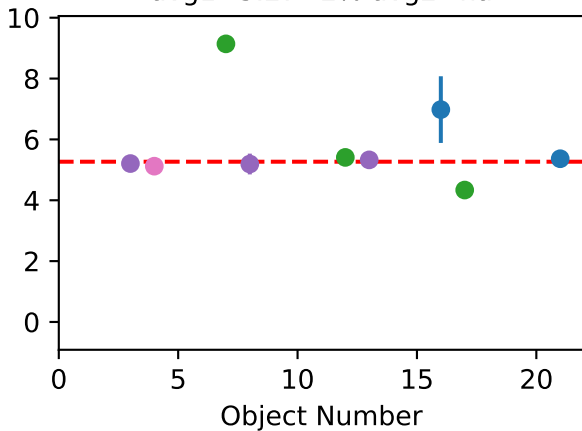
FruitNumMaxPerTruss (Def=na Set=8)

avg1=8.0~21% avg2=na

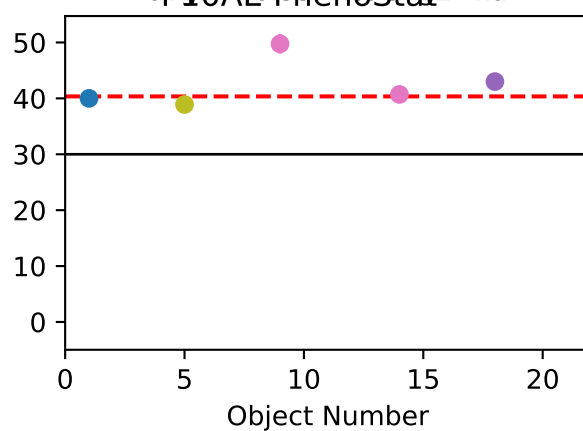




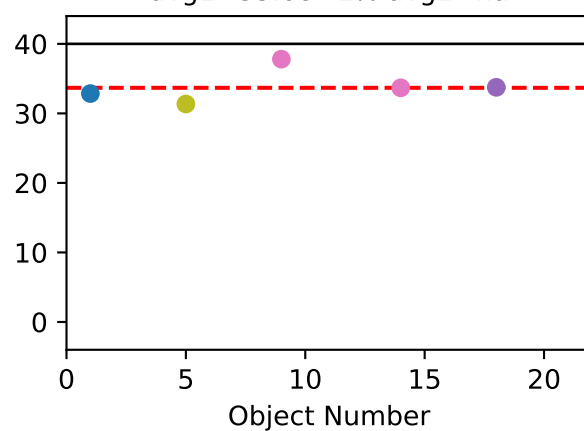
NdL_avgAbsY (Def=na Set=5.27)
avg1=5.27~2% avg2=na



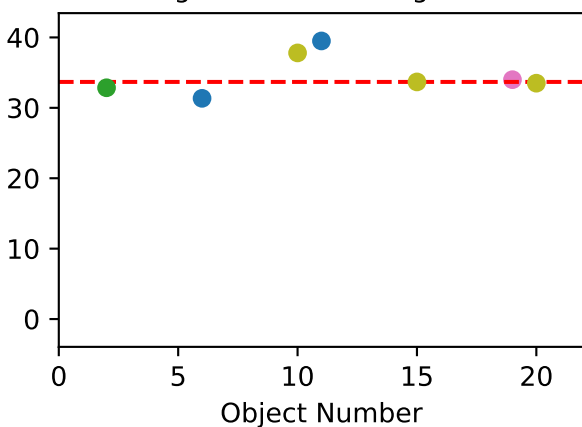
LfW_Q90AbsY (Def=30 Set=40.35)
avg1=40.35~1% avg2=na



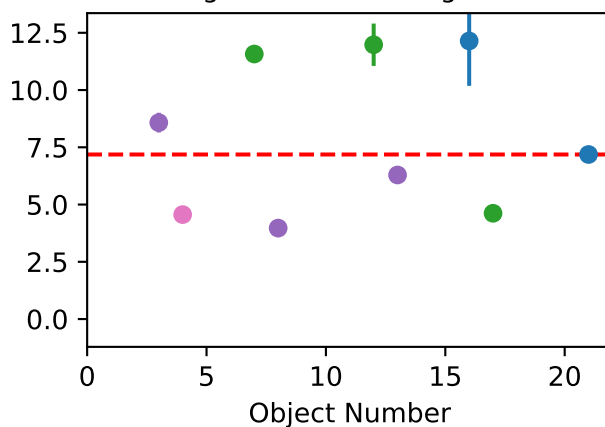
LfL_Q90AbsY (Def=40 Set=33.68)
avg1=33.68~1% avg2=na



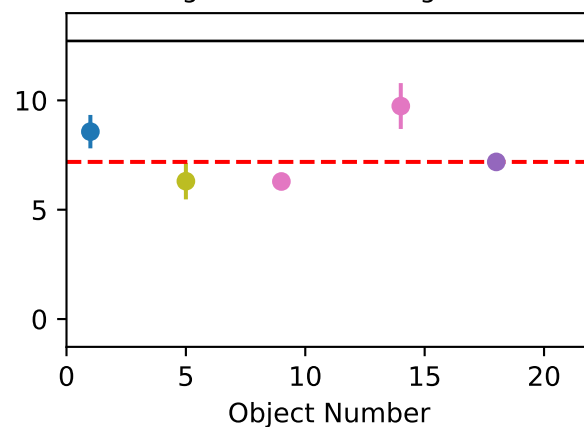
LfL_avgAbsY (Def=na Set=33.68)
avg1=33.68~9% avg2=na



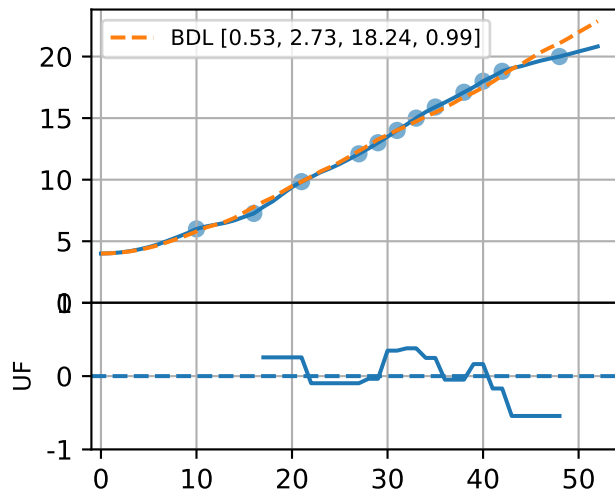
NdV_avgAbsY (Def=na Set=7.19)
avg1=7.19~46% avg2=na



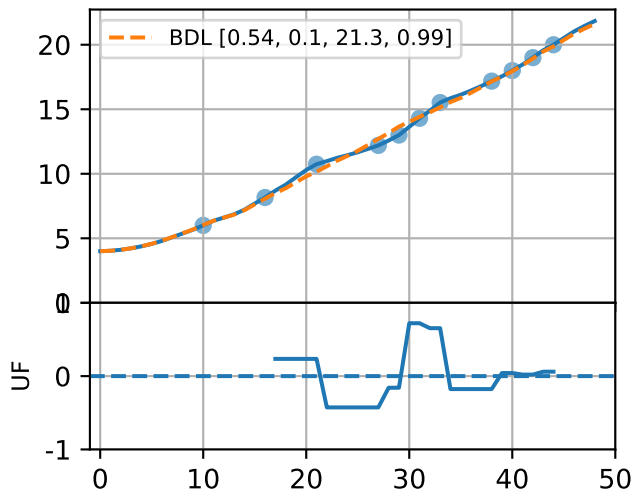
NdV_Q90AbsY (Def=12.72 Set=7.19)
avg1=7.19~21% avg2=na



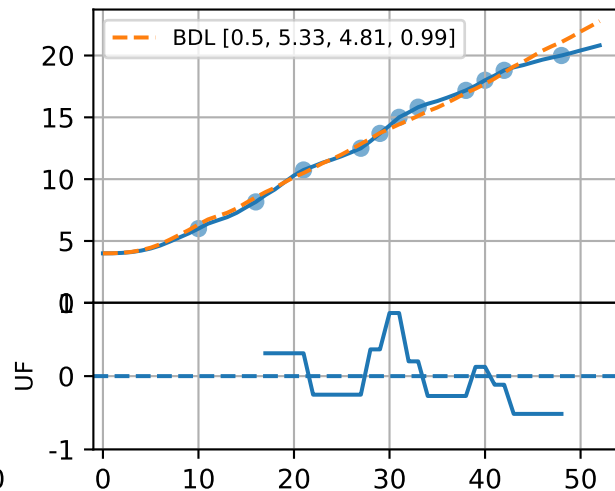
P10AE-063-19 (fit failed)



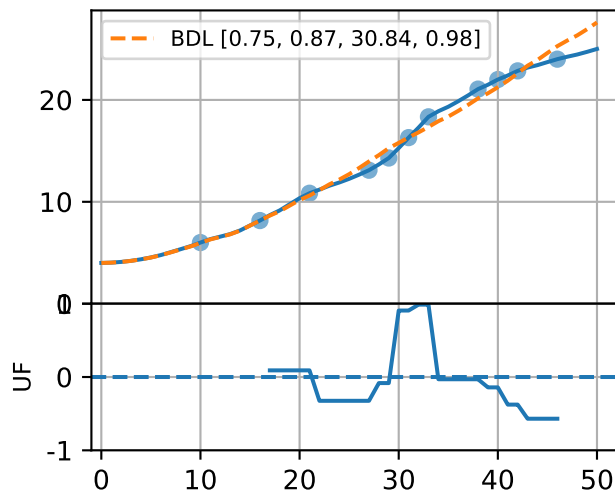
P10AE-076-15 (fit failed)



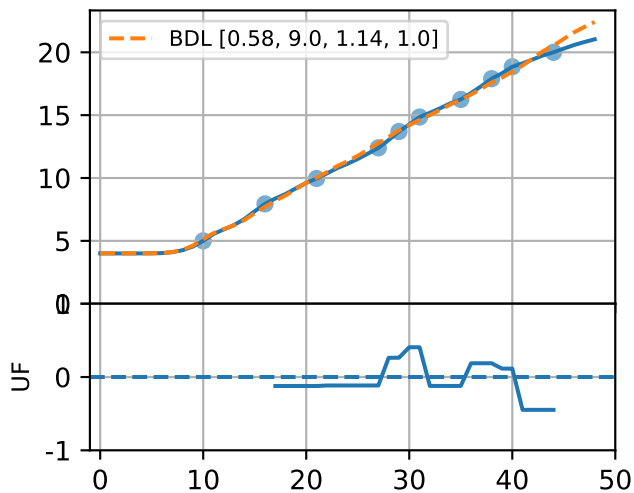
P10AE-089-22 (fit failed)



P10AE-103-17 (fit failed)



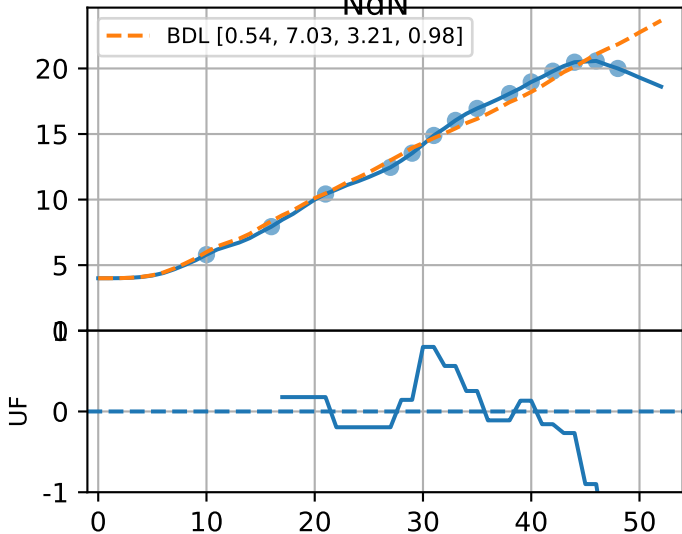
P10AE-116-21 (fit failed)



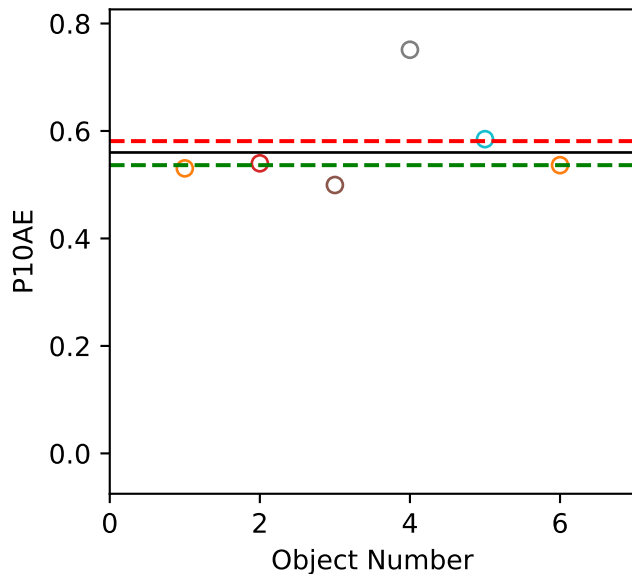
P10AEavg (fit failed)

NaN

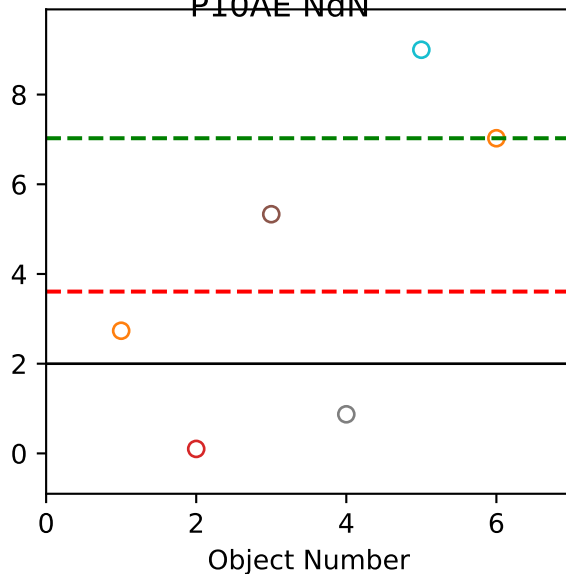
BDL [0.54, 7.03, 3.21, 0.98]



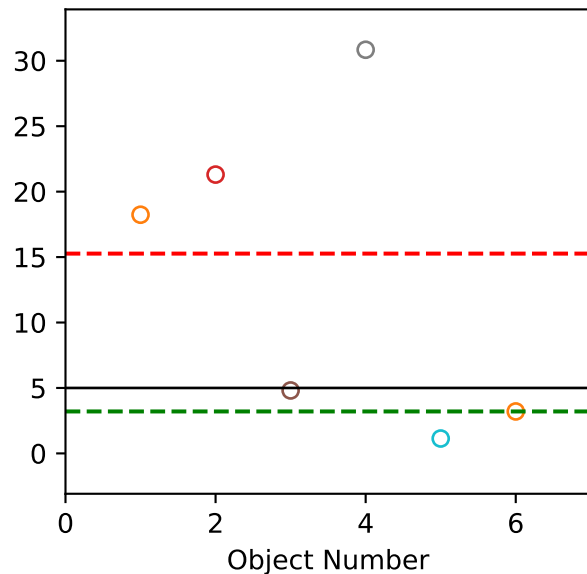
a (Def=0.56 Set=0.54)
avg1=0.58(fail) avg2=0.54



dm (Def=2 Set=7.03)
avg1=3.61(fail) avg2=7.03



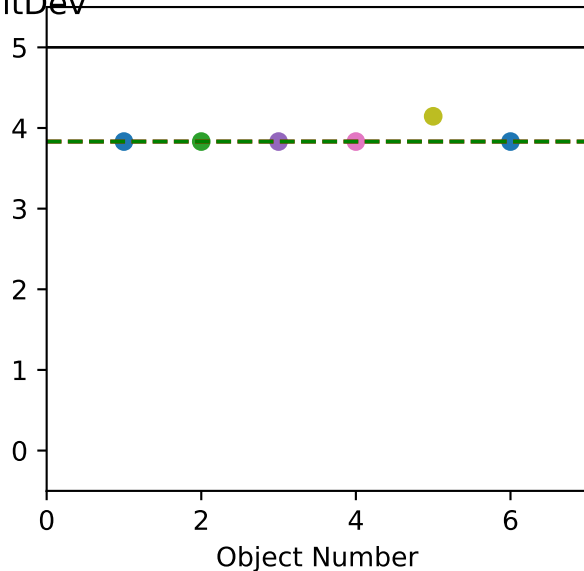
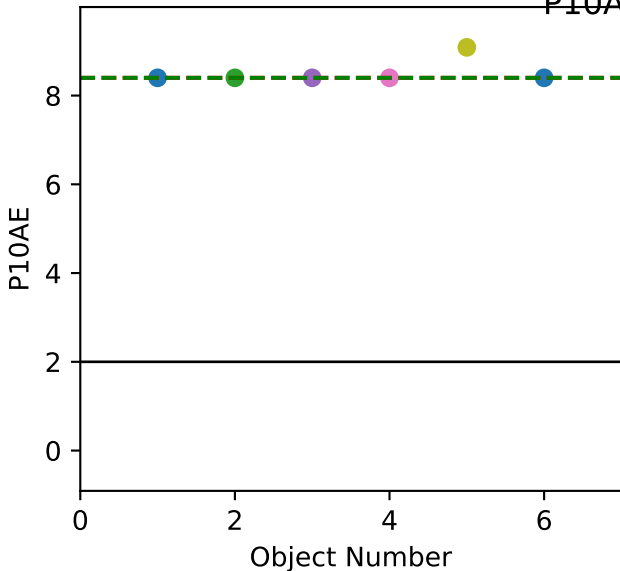
de (Def=5 Set=3.21)
avg1=15.27(fail) avg2=3.21



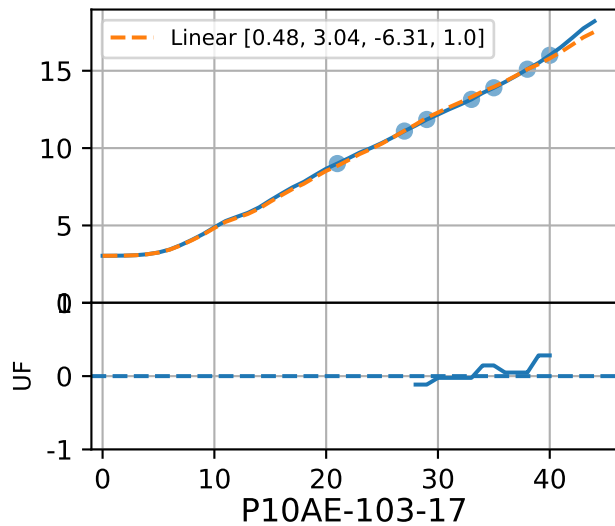
InitDev_dm (Def=2 Set=8.4)
avg1=8.4~0% avg2=8.4

P10AE InitDev

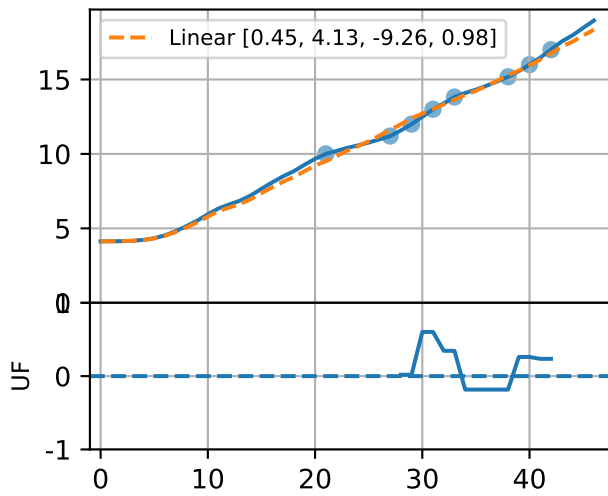
InitDev_de (Def=5 Set=3.83)
avg1=3.83~0% avg2=3.83



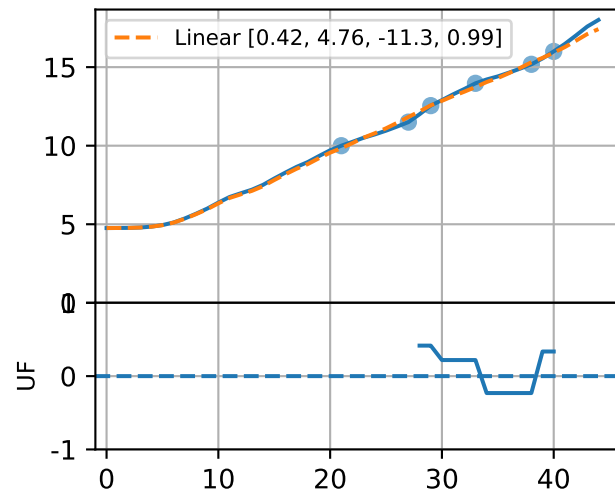
P10AE-063-19



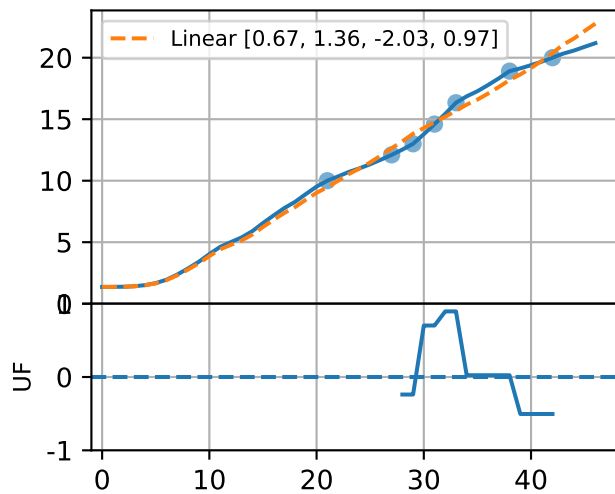
P10AE-076-5



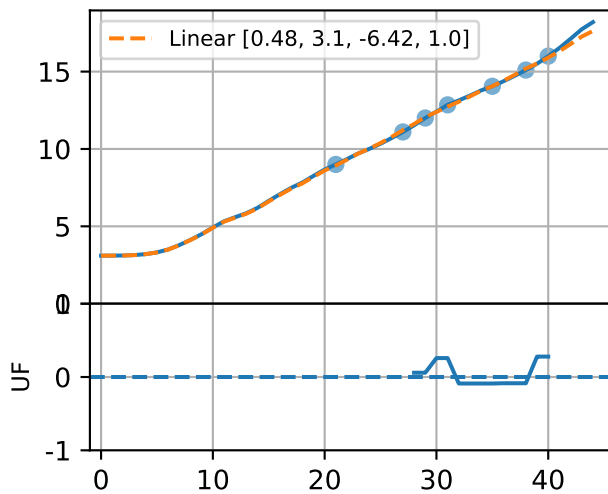
P10AE-089-22



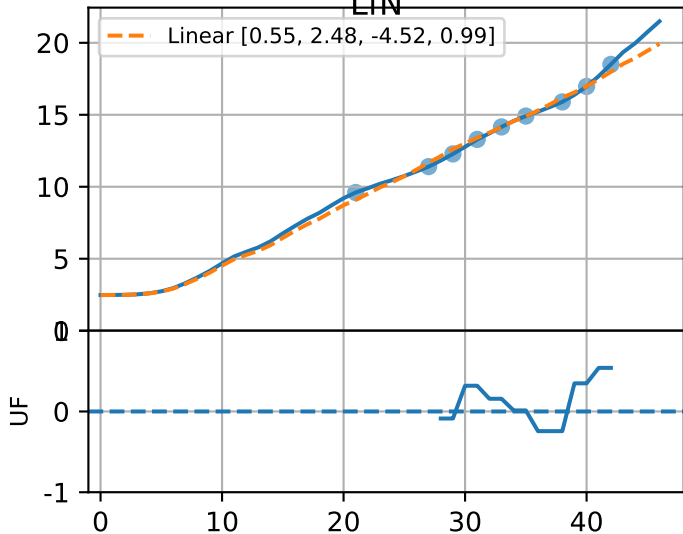
P10AE-103-17



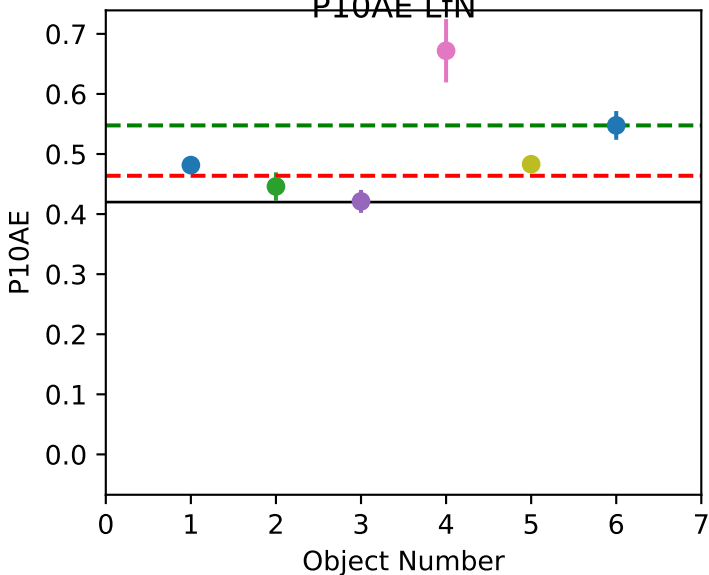
P10AE-116-21



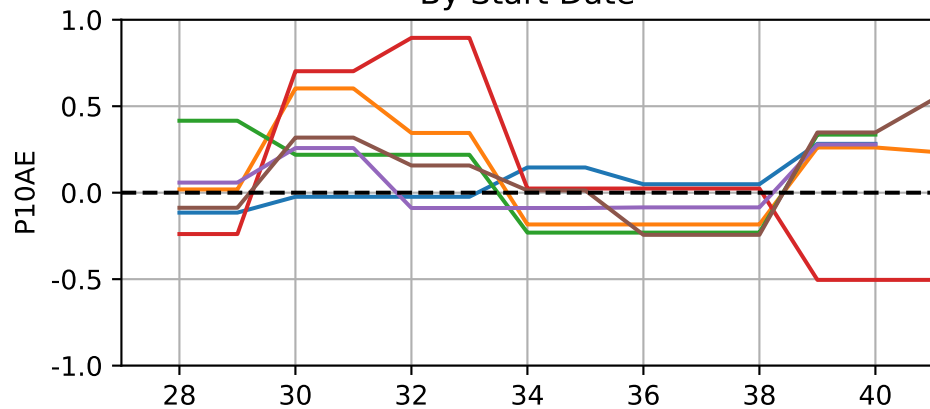
P10AEavg
L_{fn}



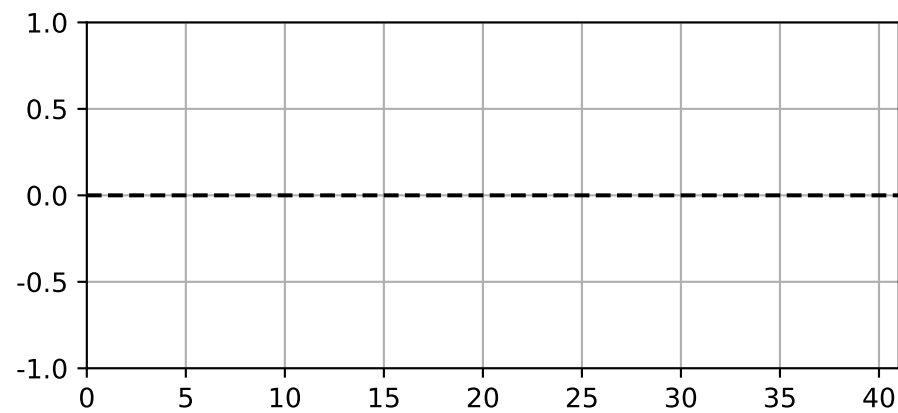
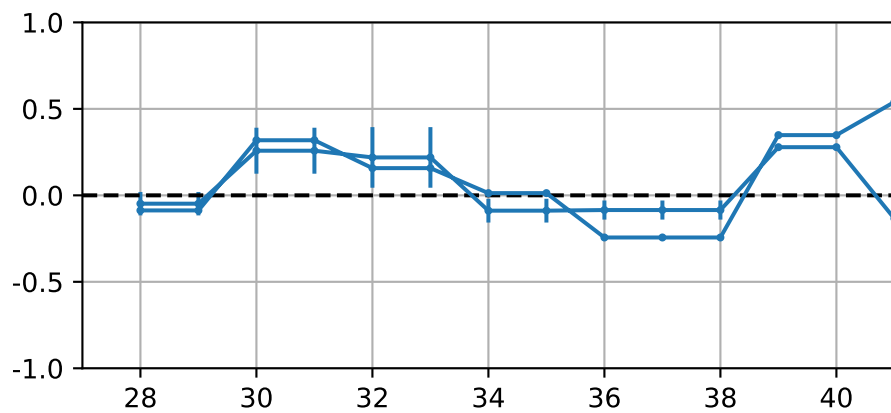
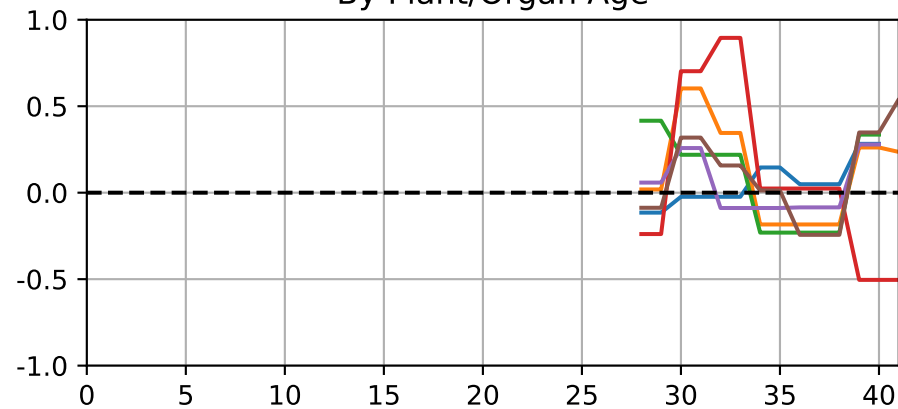
a (Def=0.42 Set=0.55)
avg1=0.46~6% avg2=0.55~10%



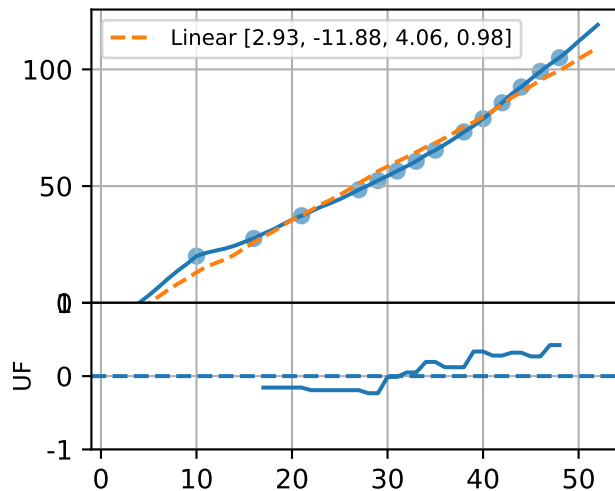
By Start Date



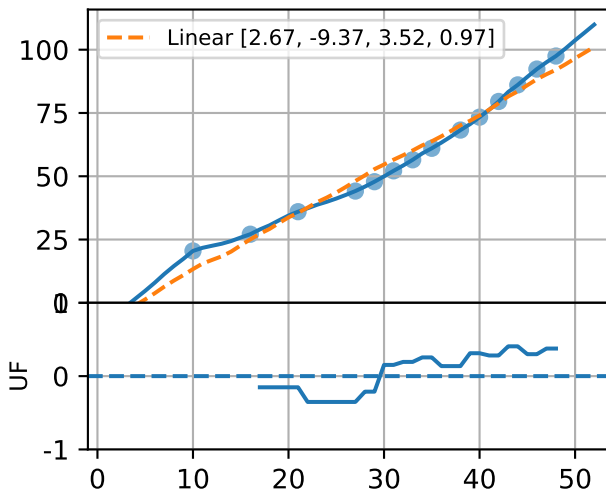
By Plant/Organ Age



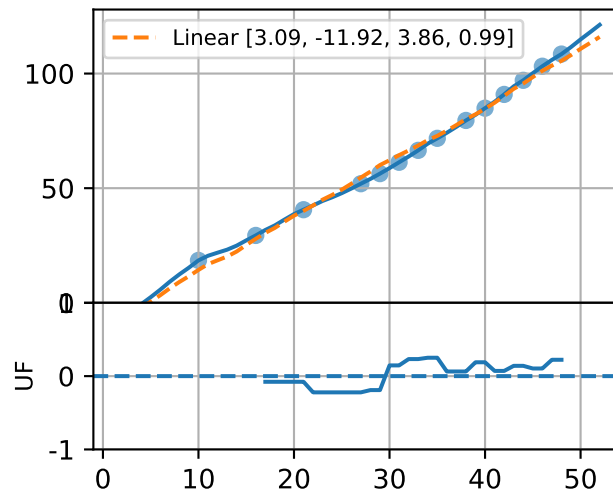
P10AE-063-19



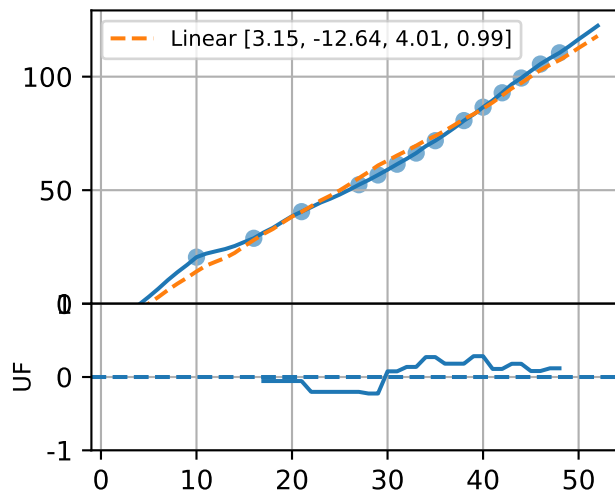
P10AE-076-5



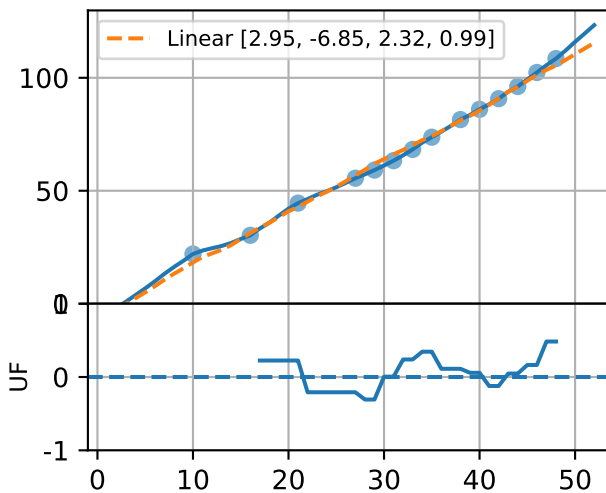
P10AE-089-22



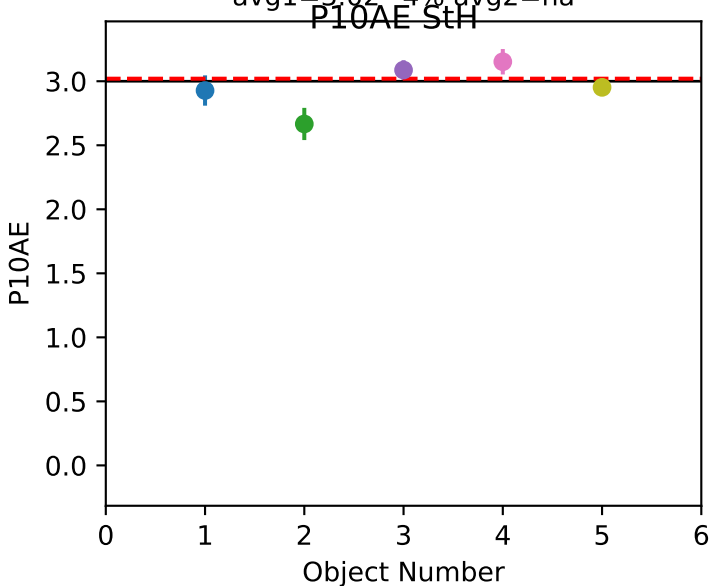
P10AE-103-17



P10AE-116-21

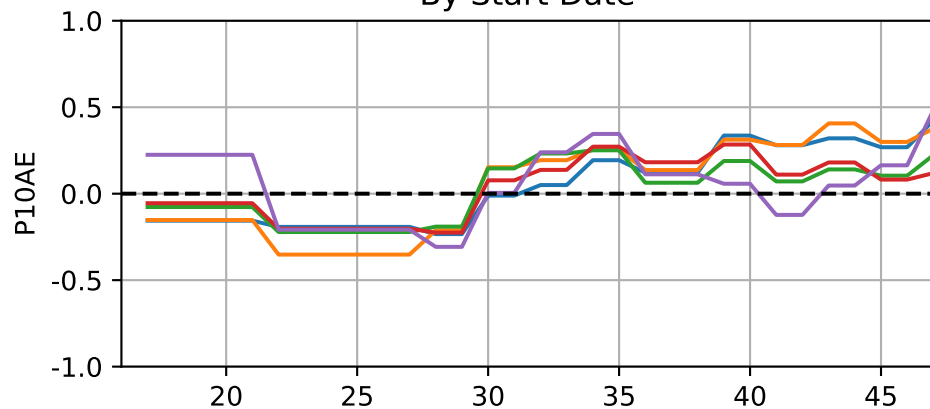


a (Def=3 Set=3.02)
avg1=3.02~4% avg2=na

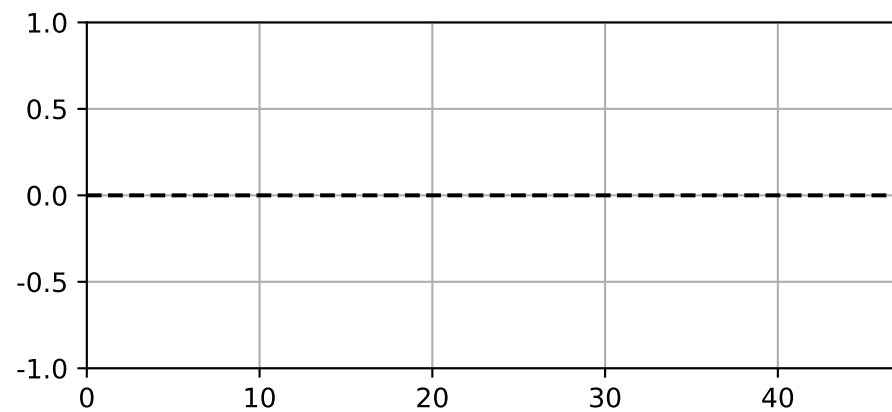
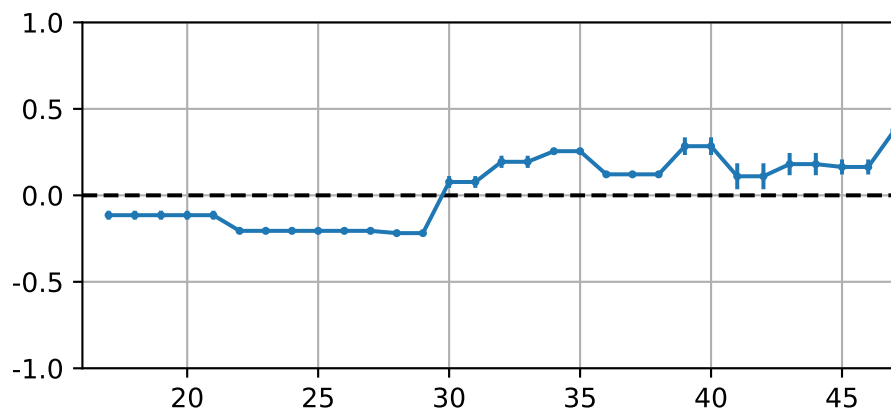
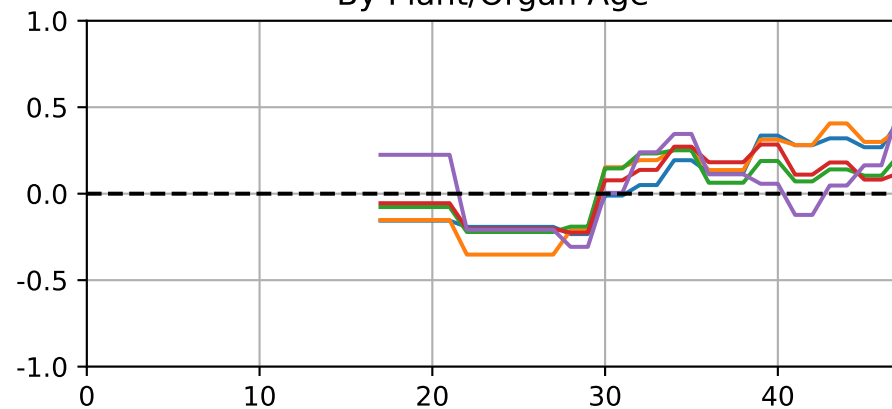


StH

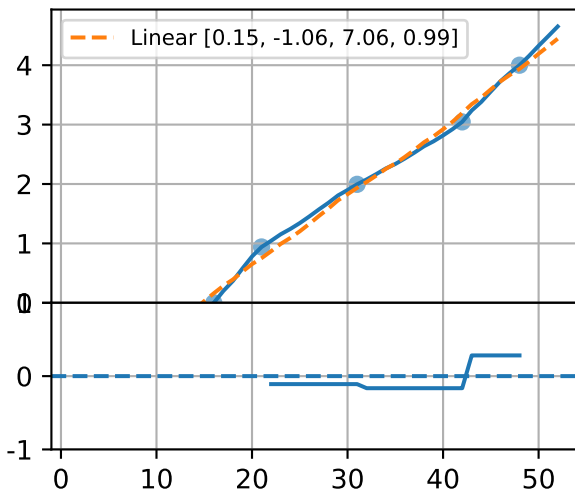
By Start Date



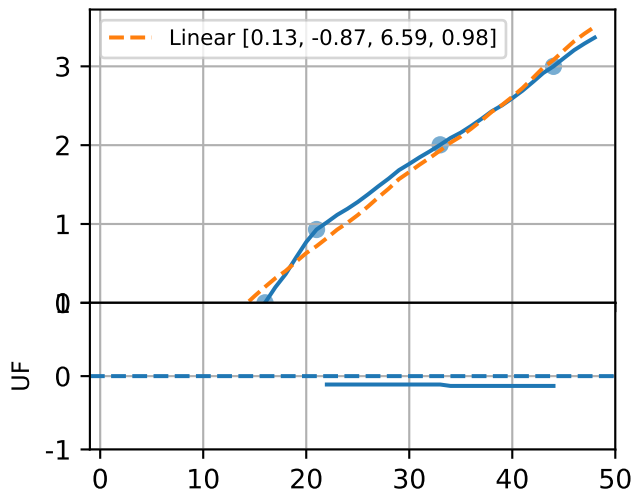
By Plant/Organ Age



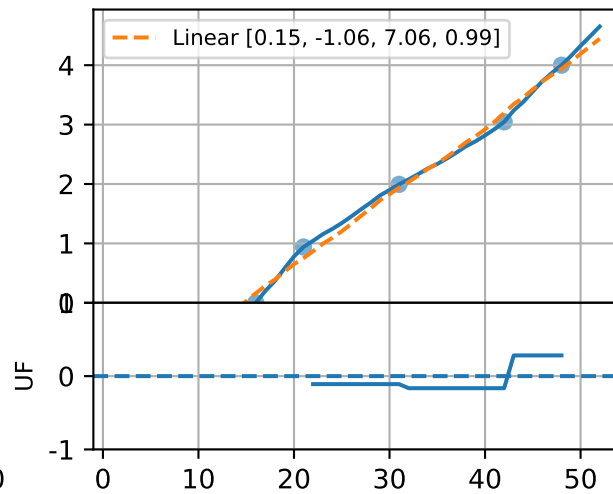
P10AE-063-19



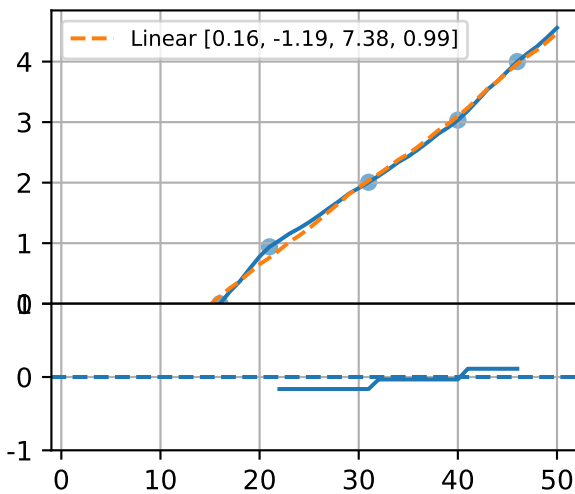
P10AE-076-5



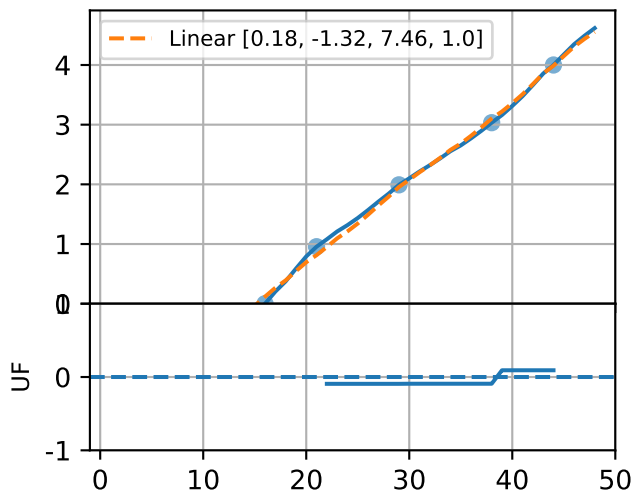
P10AE-089-22



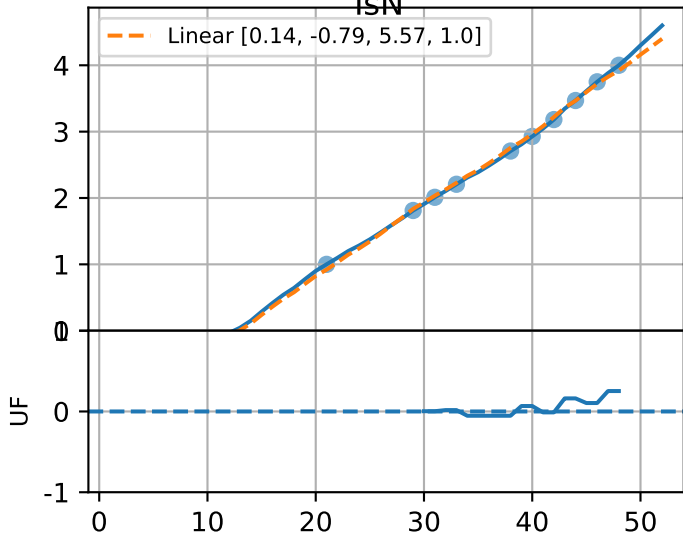
P10AE-103-17



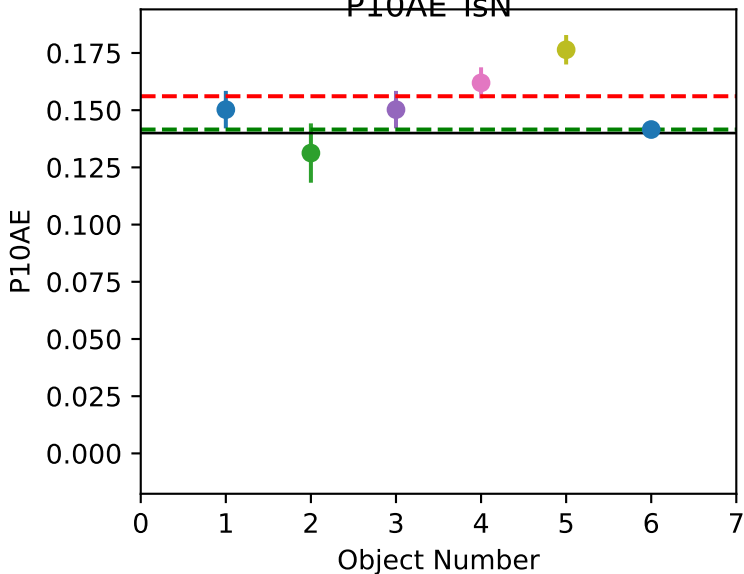
P10AE-116-21



P10AEavg
TSN

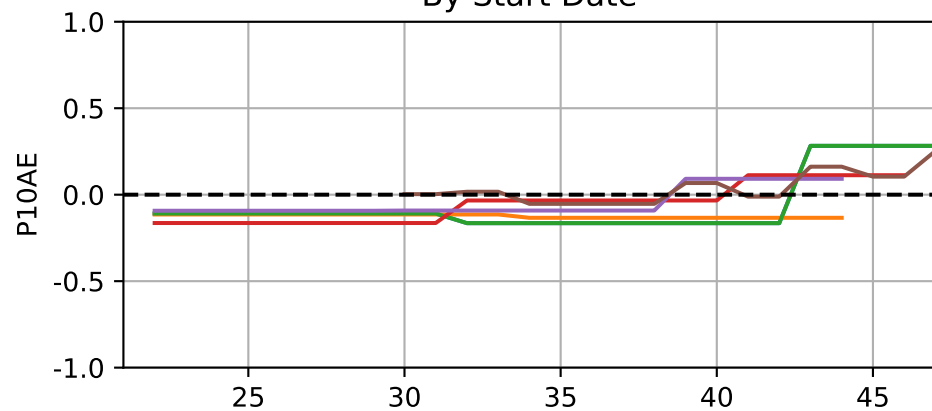


a (Def=0.14 Set=0.14)
avg1=0.16~8% avg2=0.14~4%
P10AE TSN

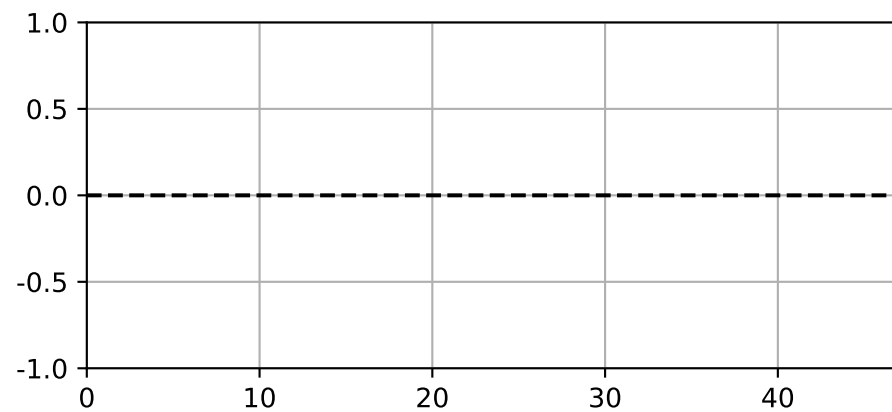
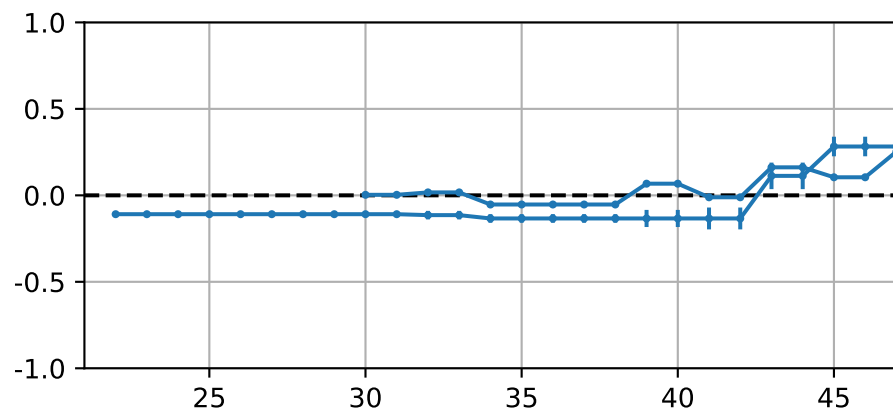
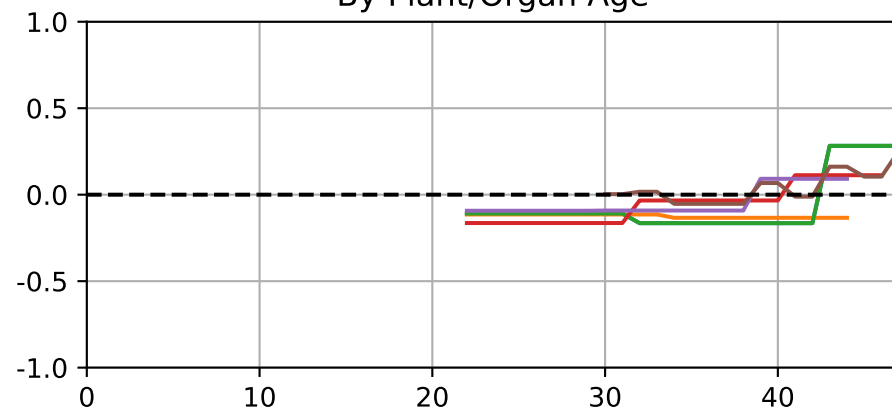


TsN

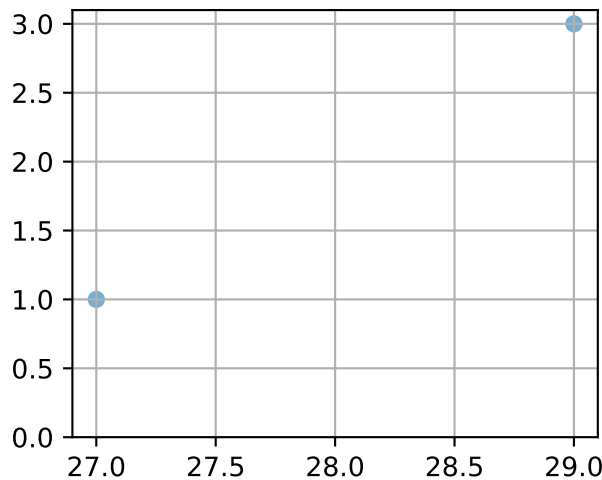
By Start Date



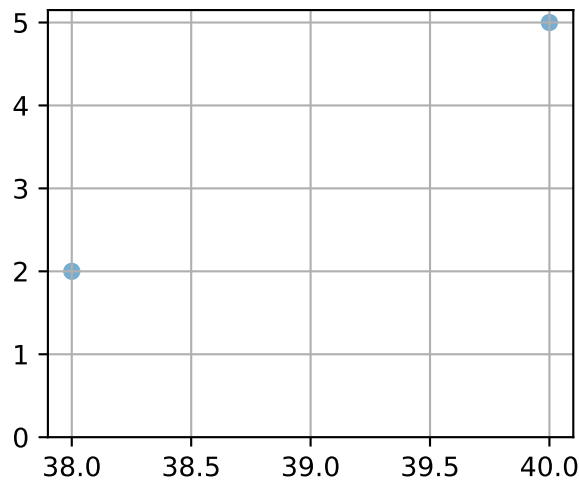
By Plant/Organ Age



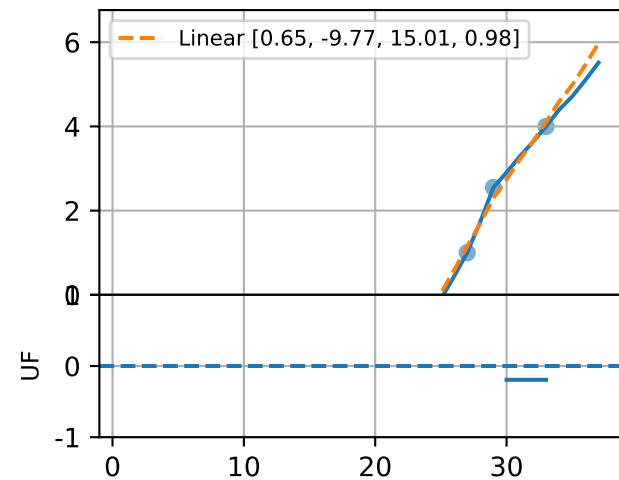
P10AE-063-19T1 (fit failed)



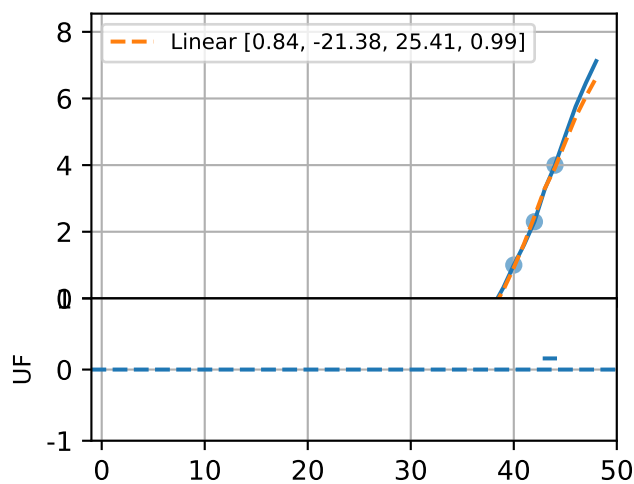
P10AE-063-19T2 (fit failed)



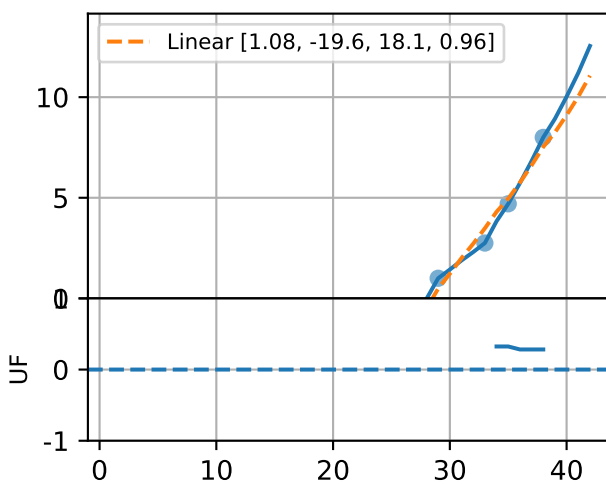
P10AE-076-5T1



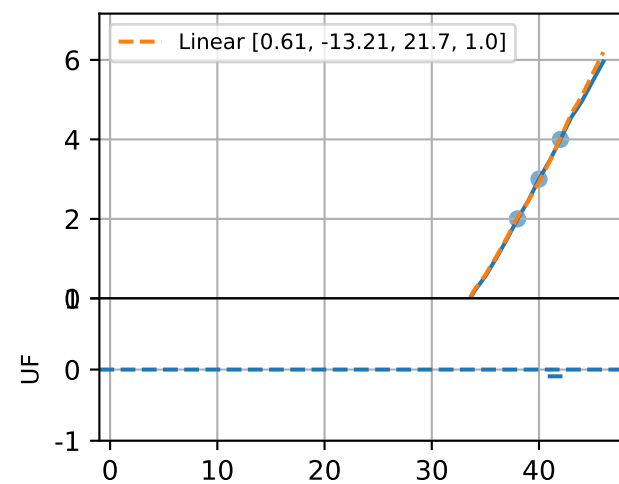
P10AE-076-5T2



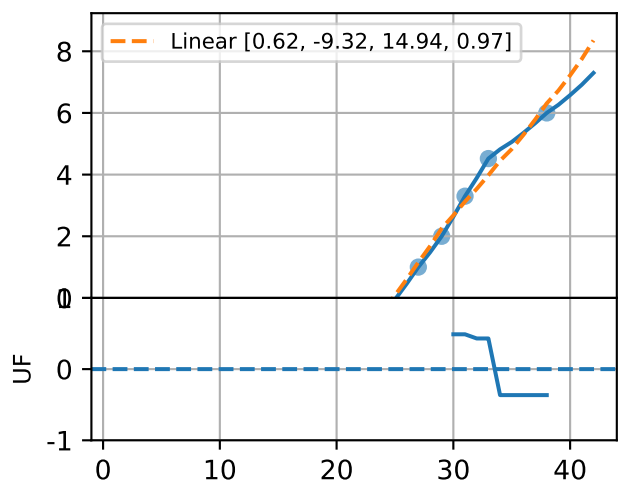
P10AE-089-22T1



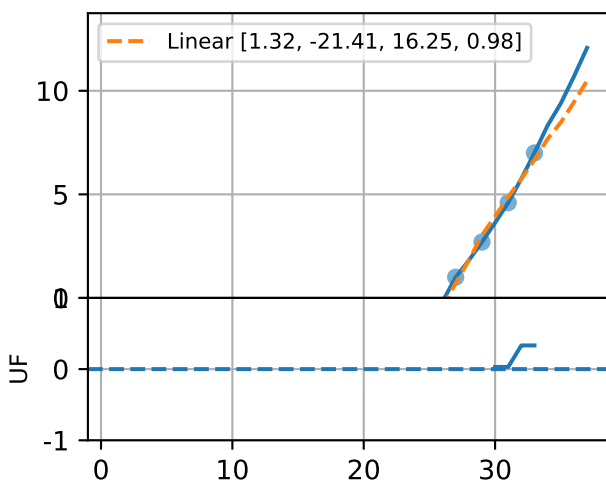
P10AE-089-22T2



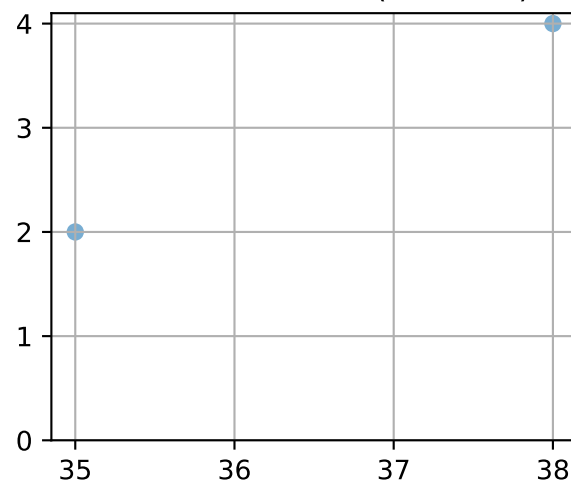
P10AE-103-17T1



P10AE-116-21T1

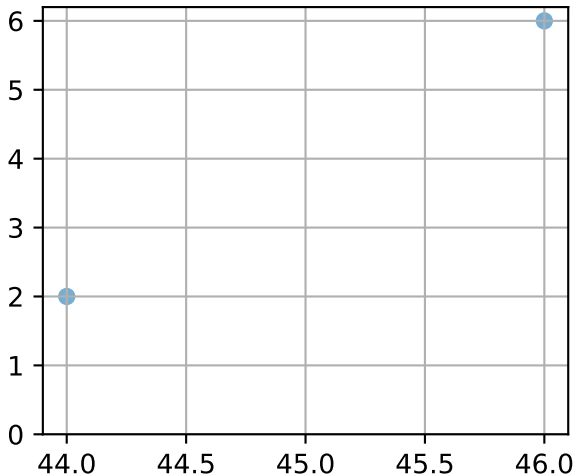


P10AE-116-21T2 (fit failed)

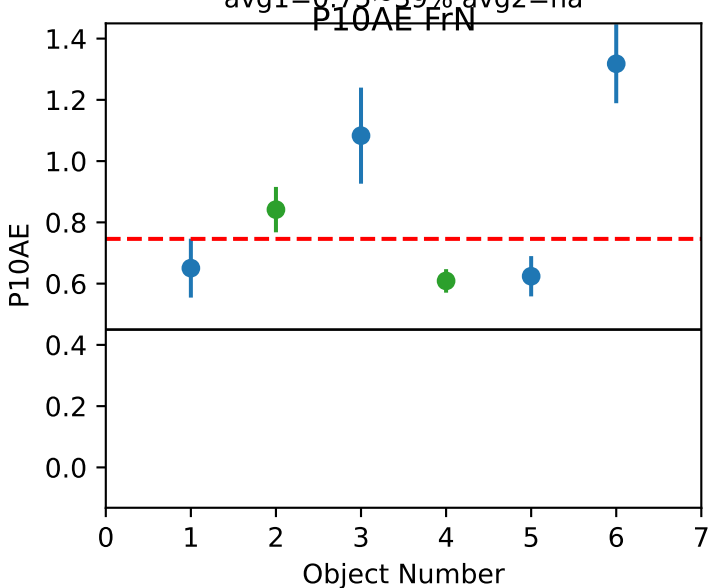


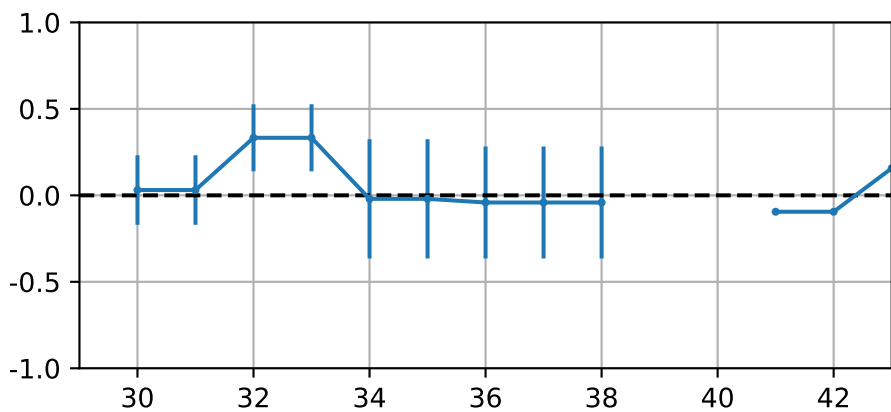
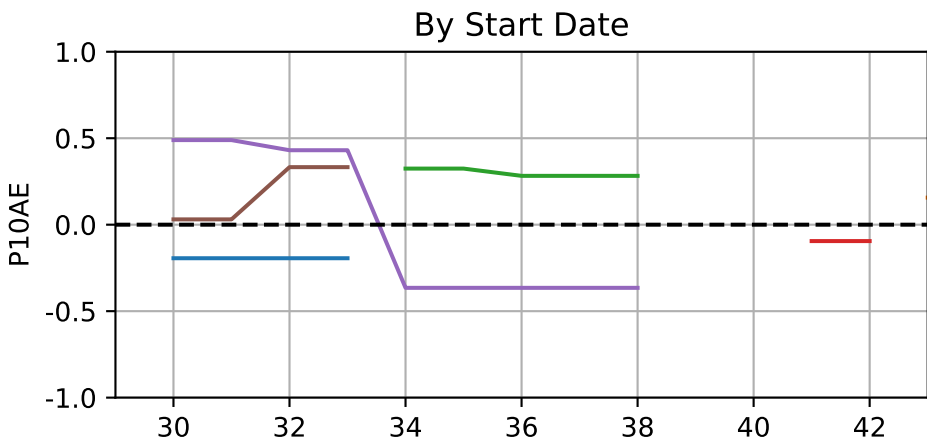
P10AE-116-21T3 (fit failed)

FrN



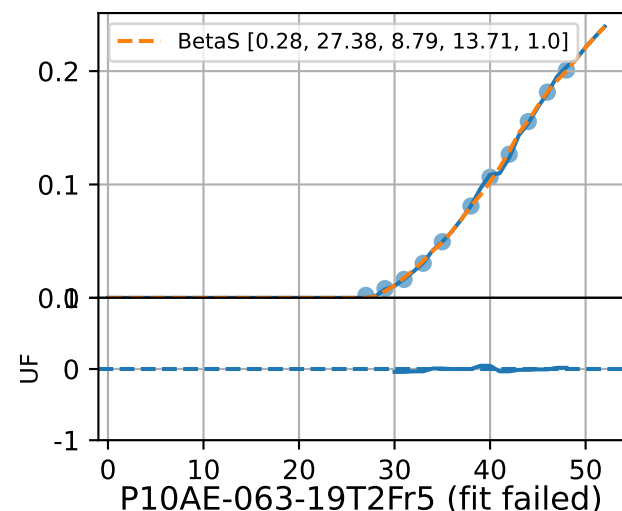
a (Def=0.45 Set=0.75)
avg1=0.75~39% avg2=na



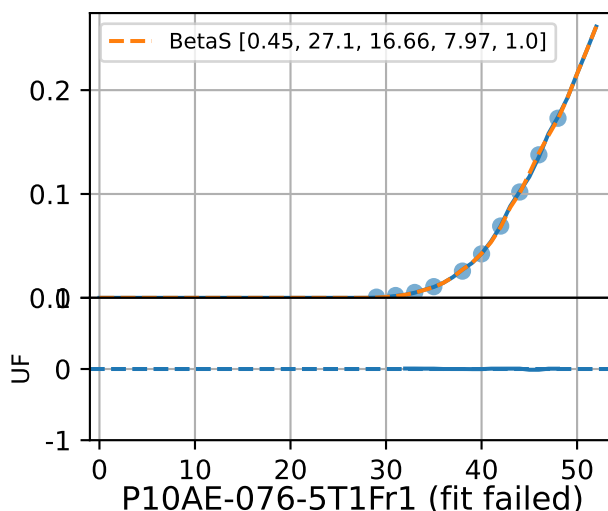


FrV

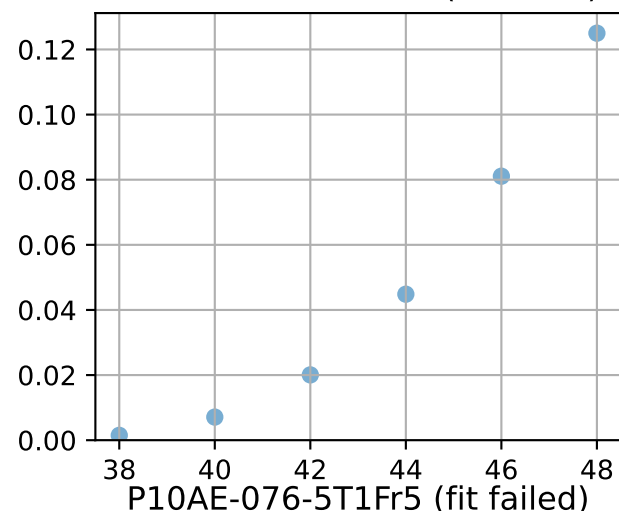
P10AE-063-19T1Fr1



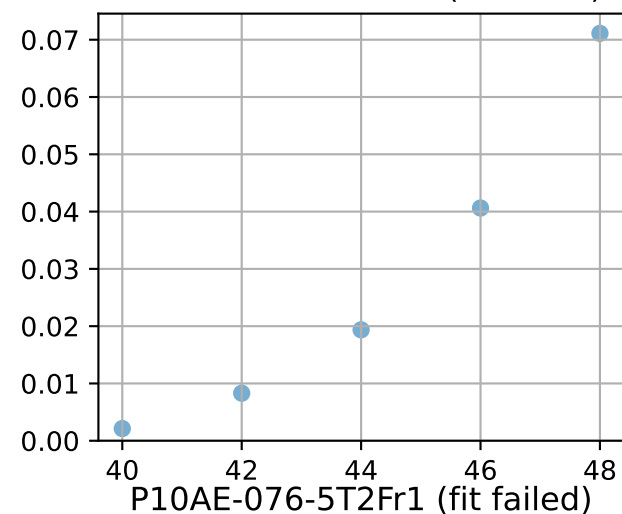
P10AE-063-19T1Fr5



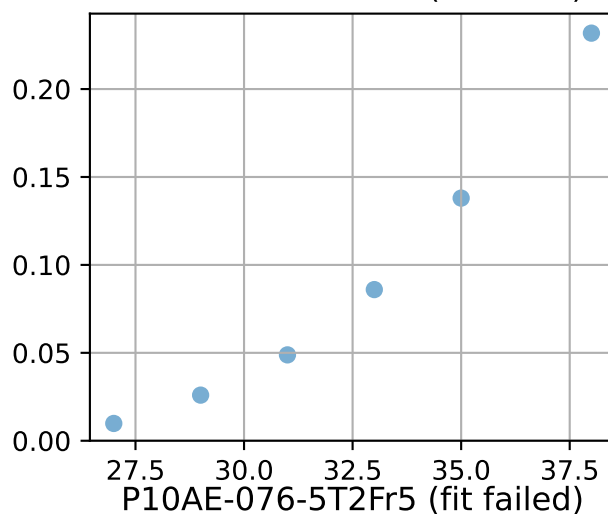
P10AE-063-19T2Fr1 (fit failed)



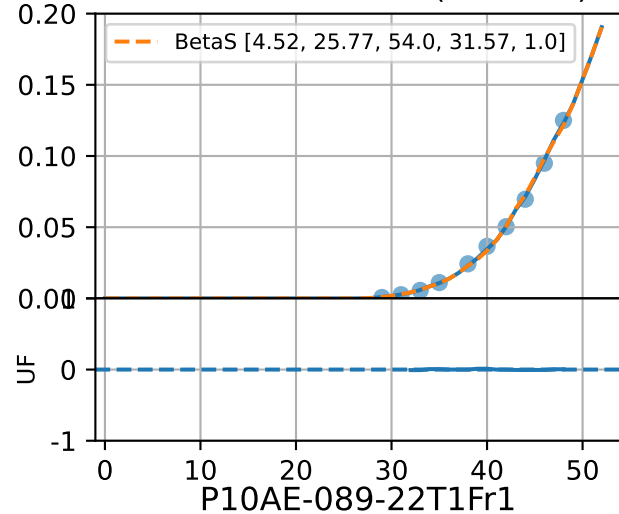
P10AE-063-19T2Fr5 (fit failed)



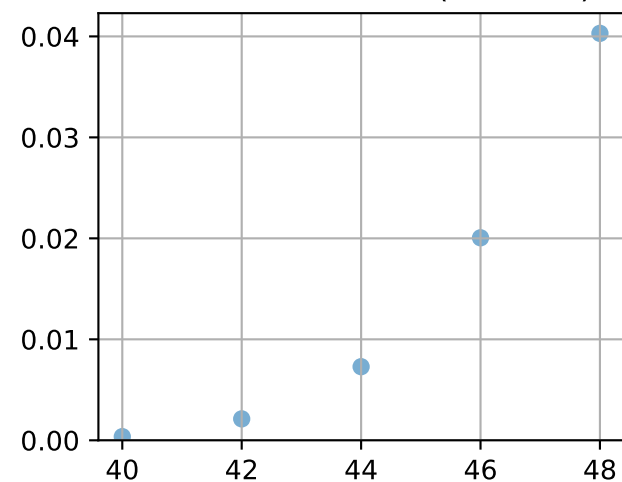
P10AE-076-5T1Fr1 (fit failed)



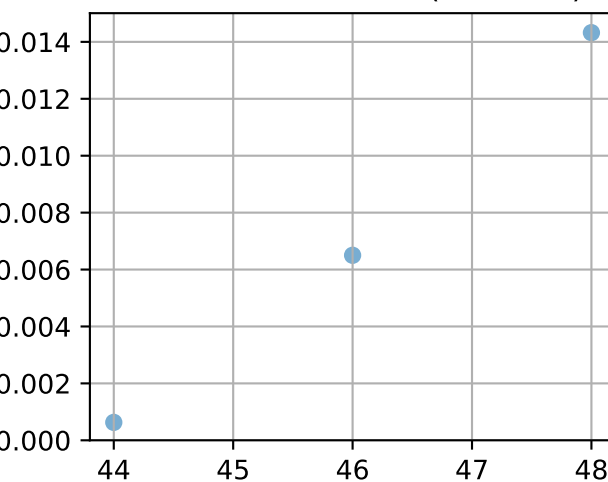
P10AE-076-5T1Fr5 (fit failed)



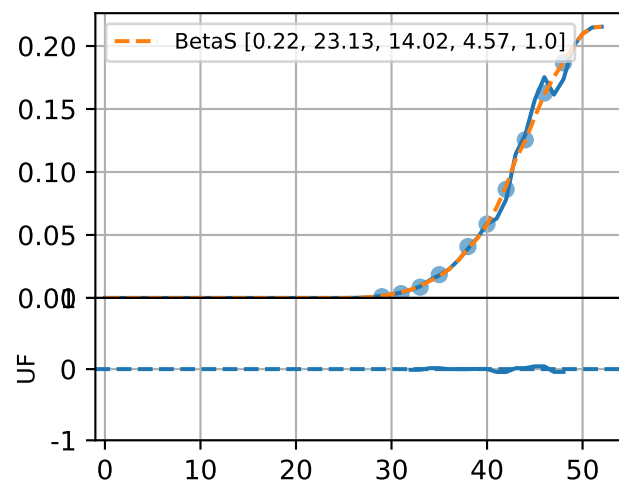
P10AE-076-5T2Fr1 (fit failed)



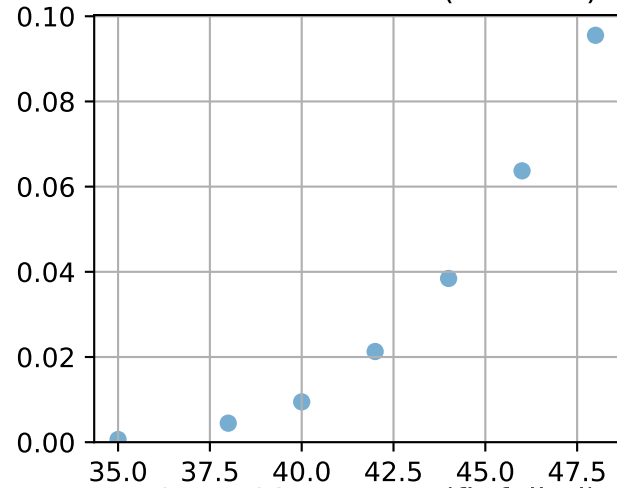
P10AE-076-5T2Fr5 (fit failed)



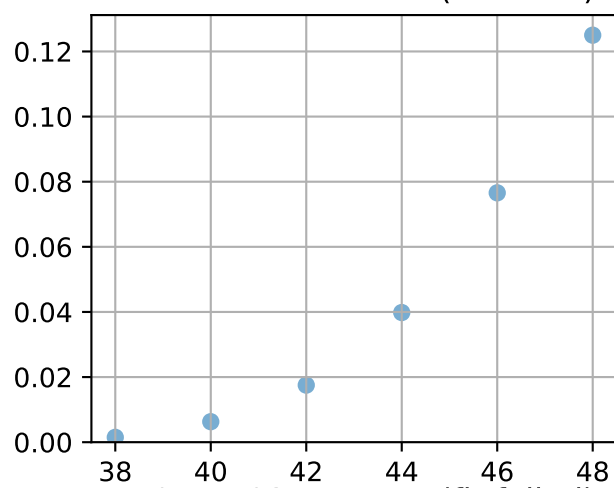
P10AE-089-22T1Fr1



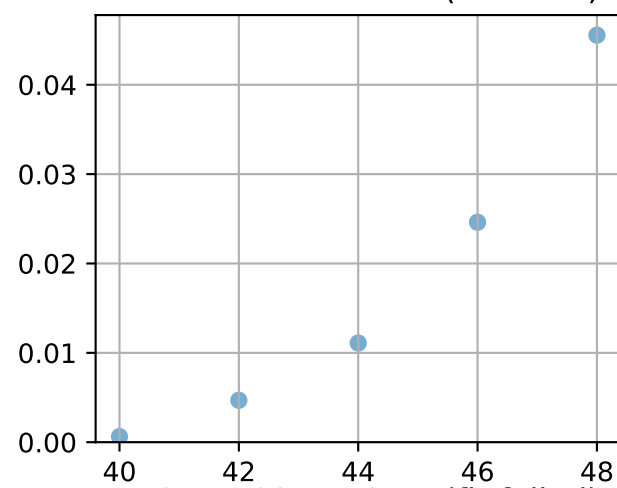
P10AE-089-22T1Fr5 (fit failed)



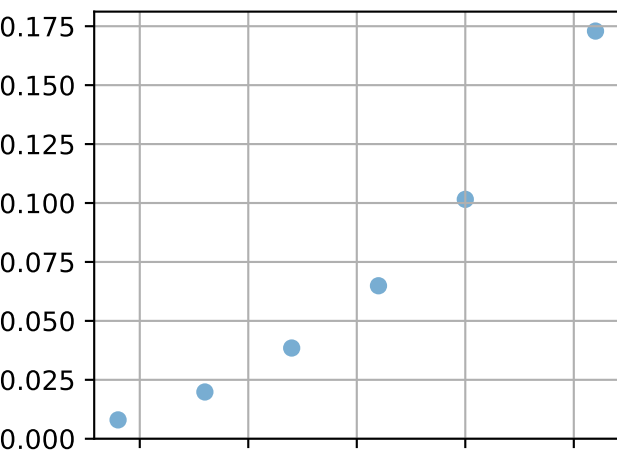
P10AE-089-22T2Fr1 (fit failed)



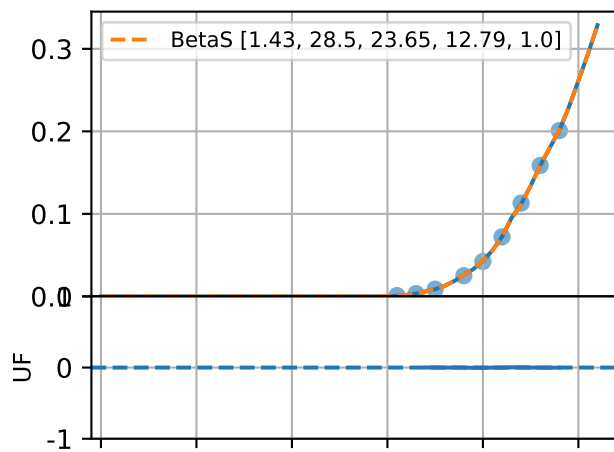
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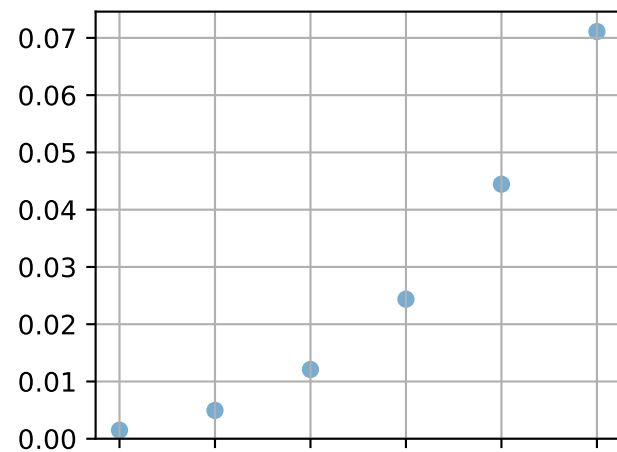
P10AE-103-17T1Fr1 (fit failed)



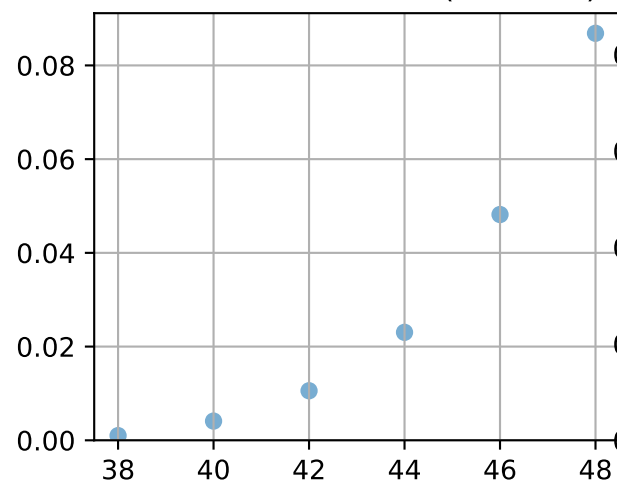
P10AE-103-17T1Fr5 (fit failed)



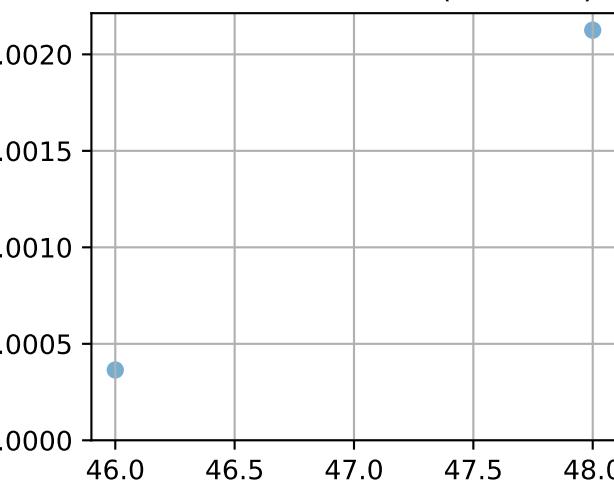
P10AE-103-17T2Fr1 (fit failed)



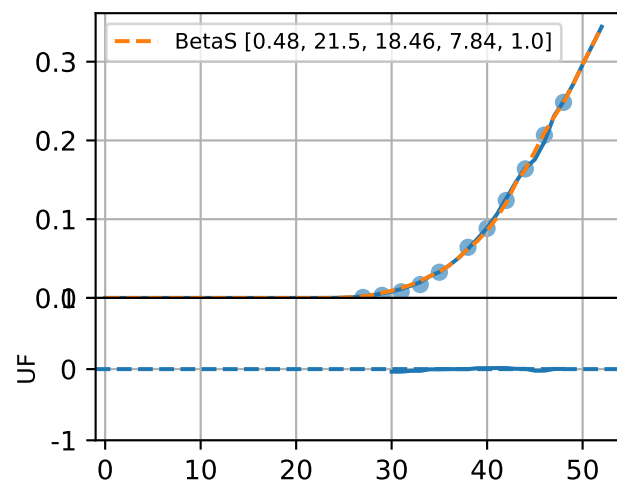
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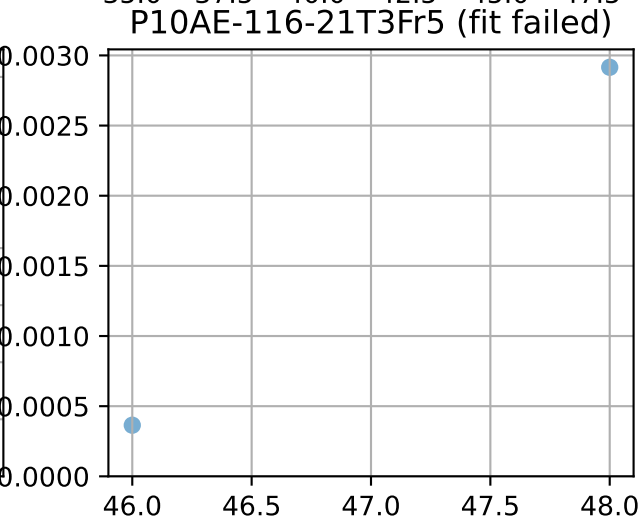
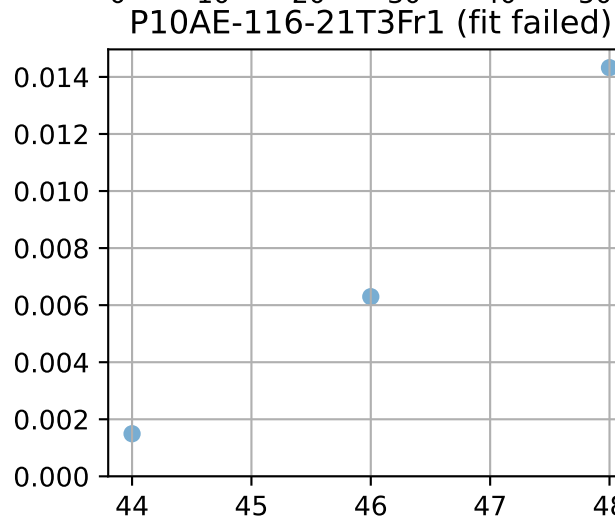
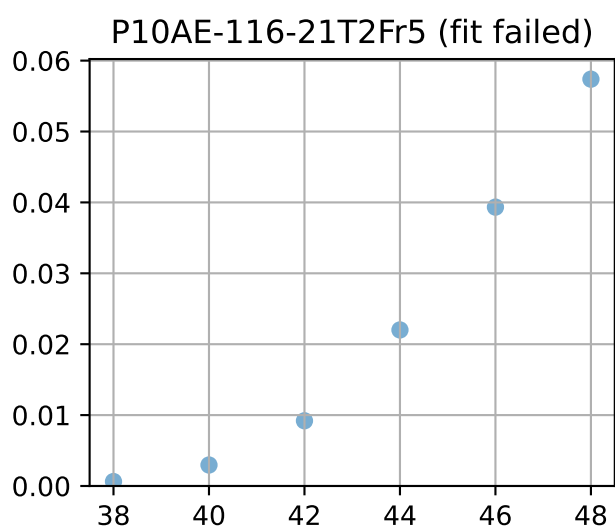
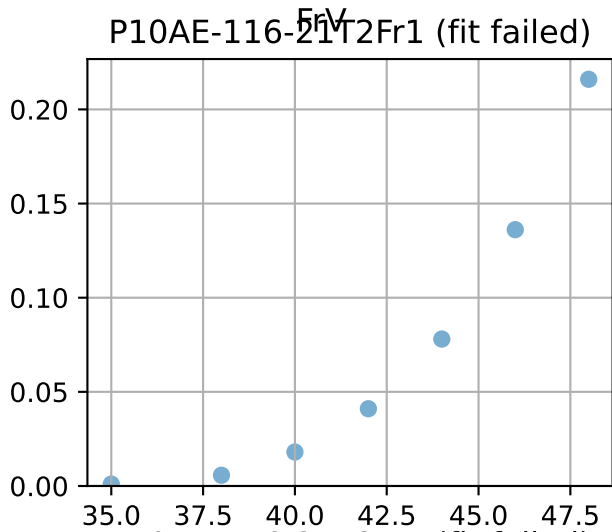
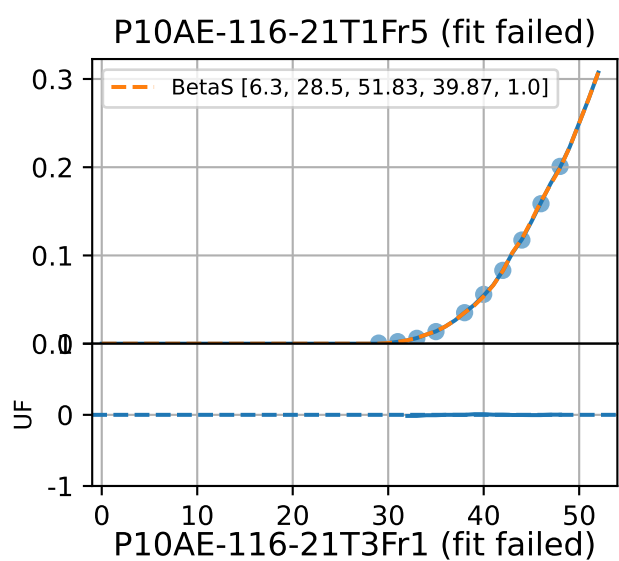


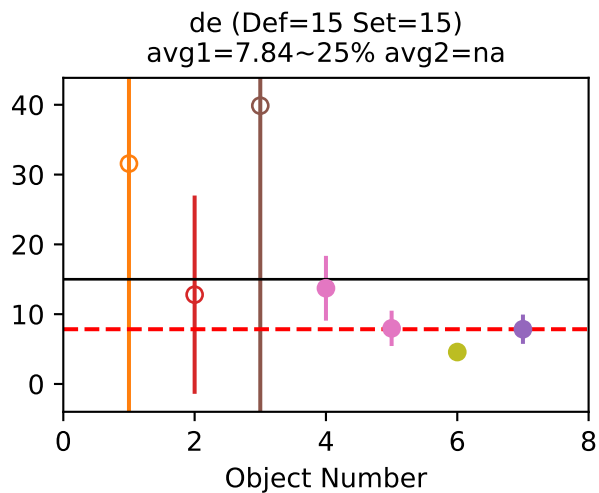
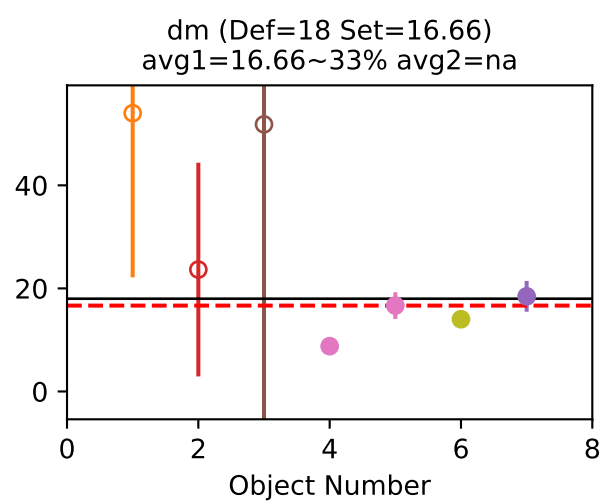
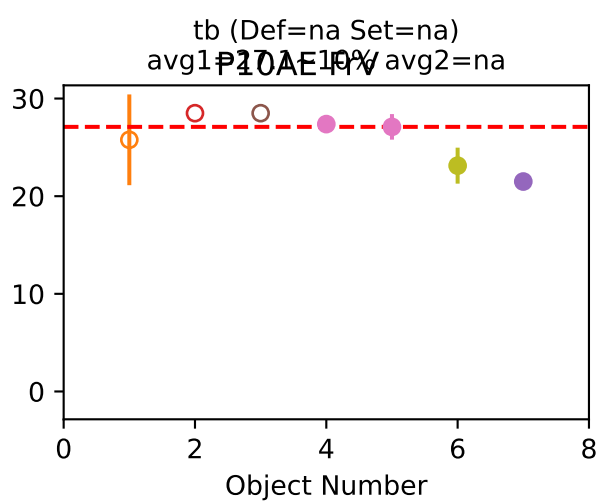
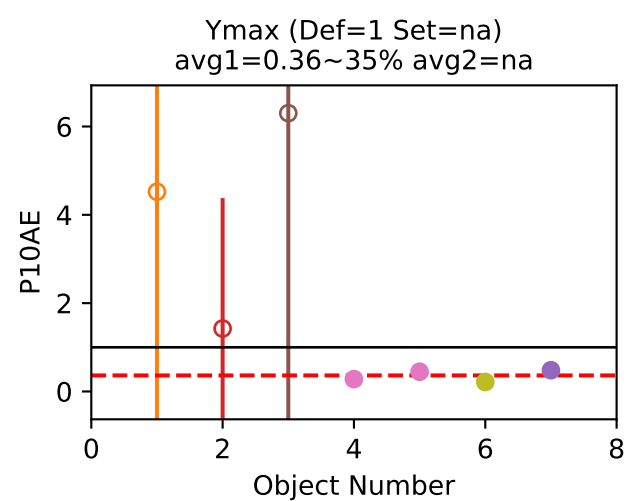
P10AE-103-17T3Fr1 (fit failed)



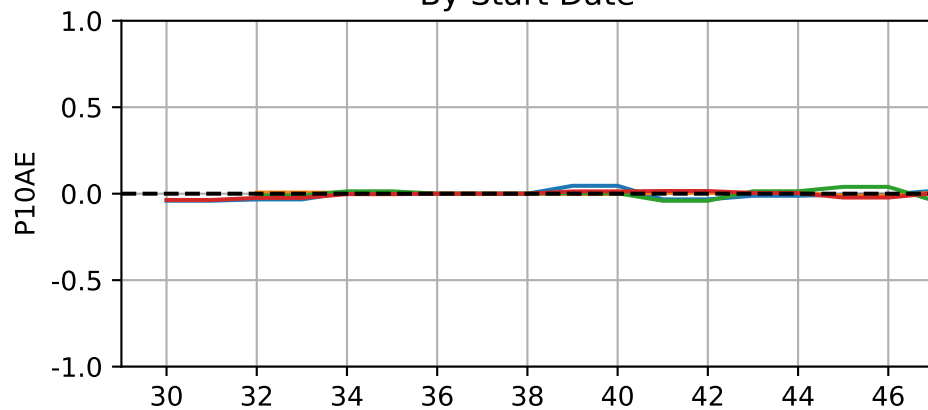
P10AE-116-21T1Fr1



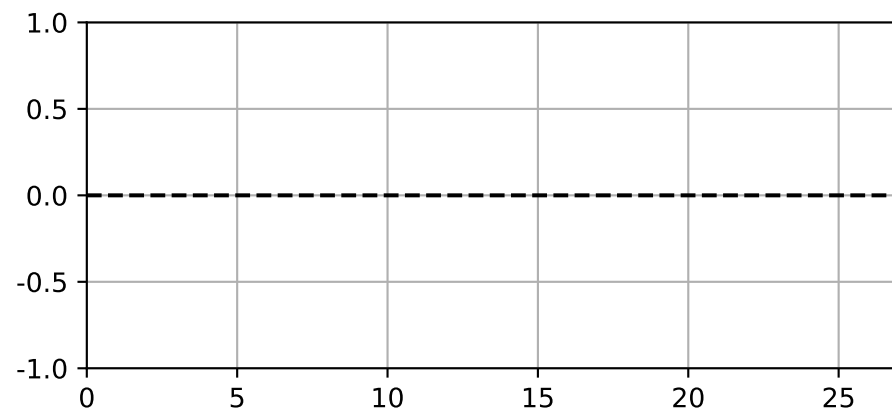
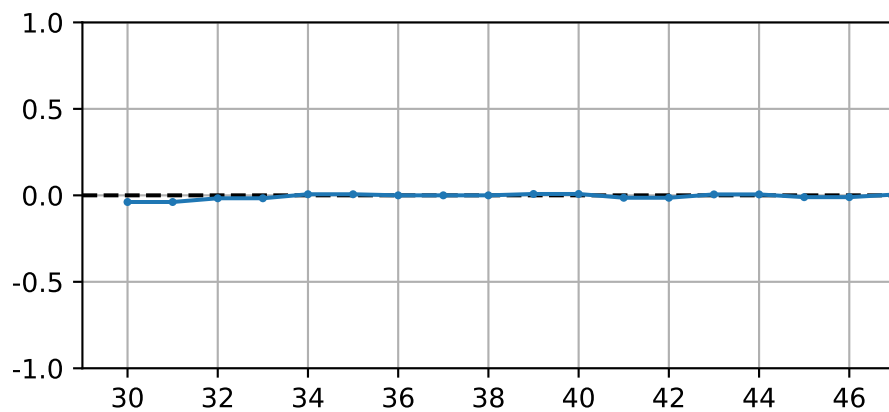
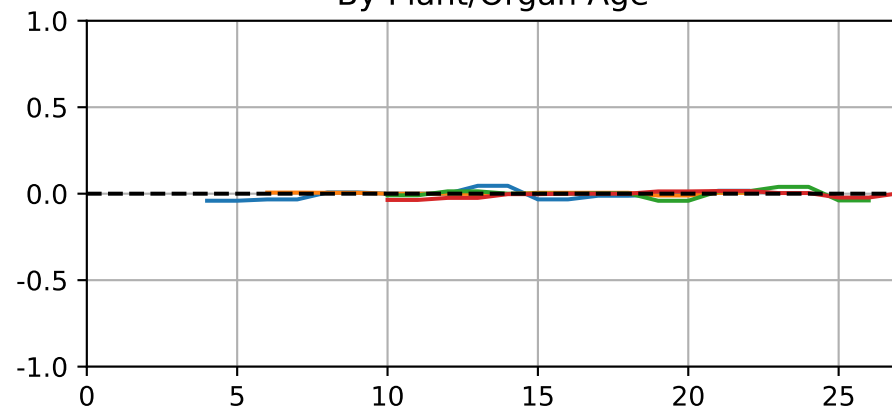




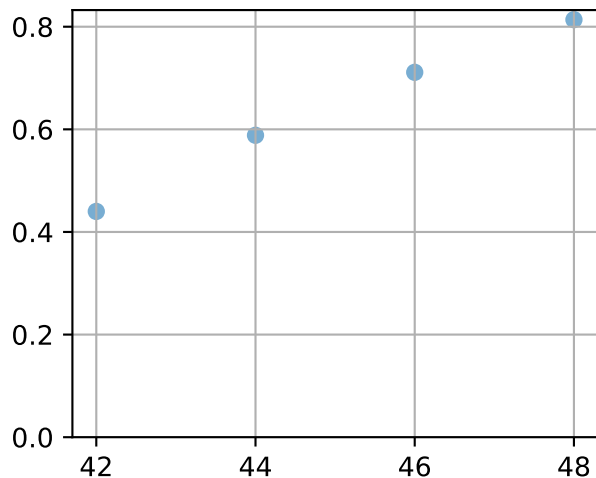
By Start Date



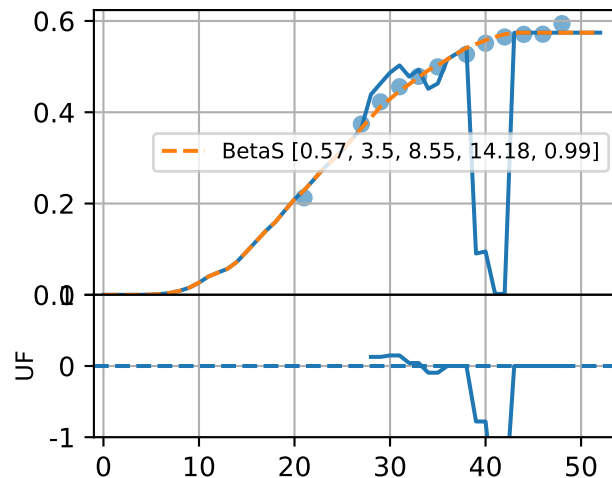
By Plant/Organ Age



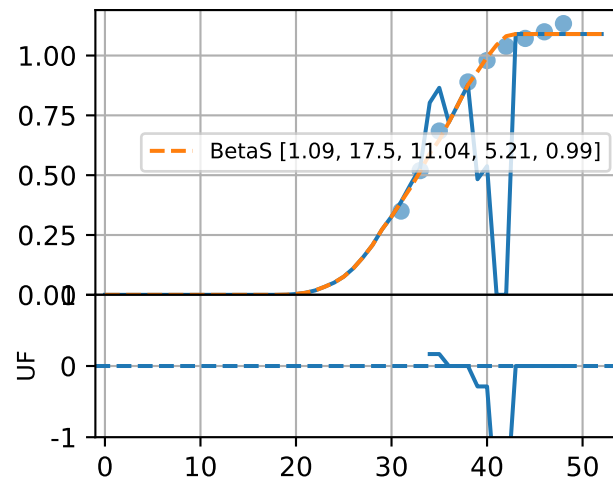
P10AE-063-19L13 (fit failed)



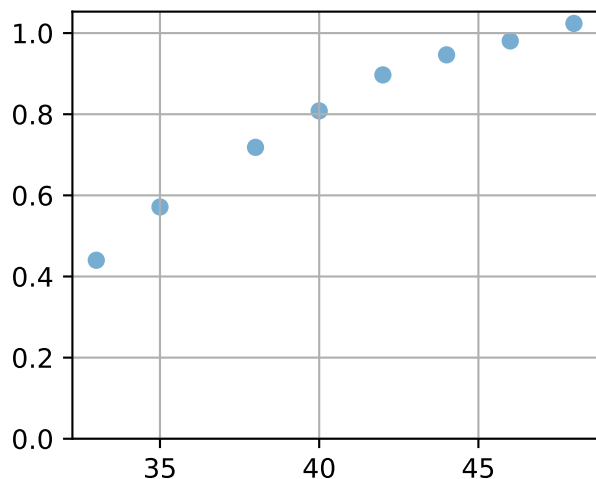
P10AE-063-19L6 (fit failed)



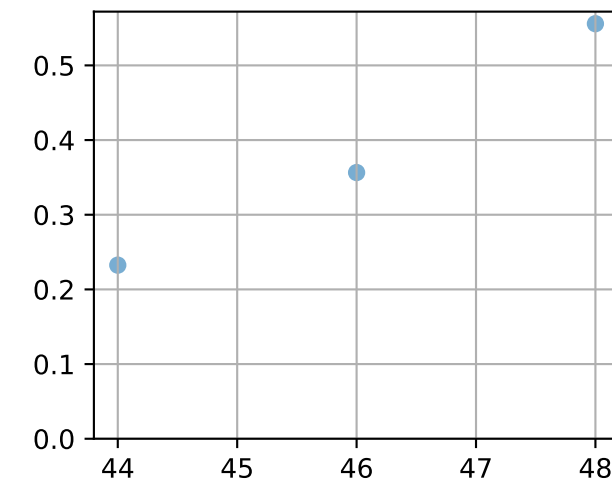
P10AE-063-19L9



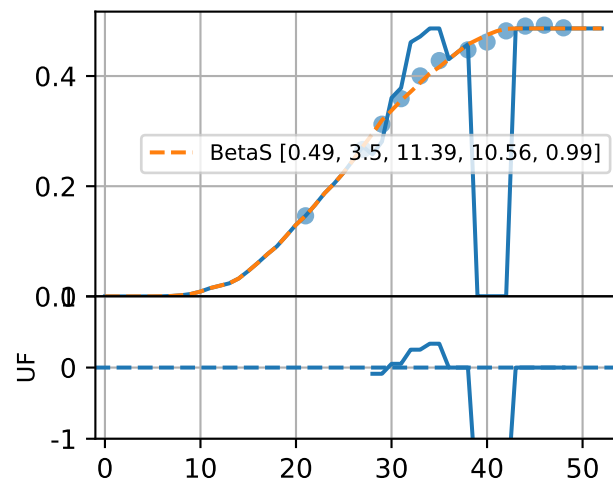
P10AE-076-5L11 (fit failed)



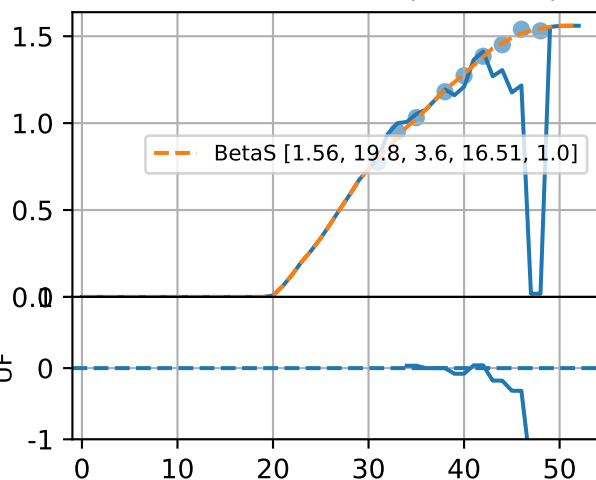
P10AE-076-5L15 (fit failed)



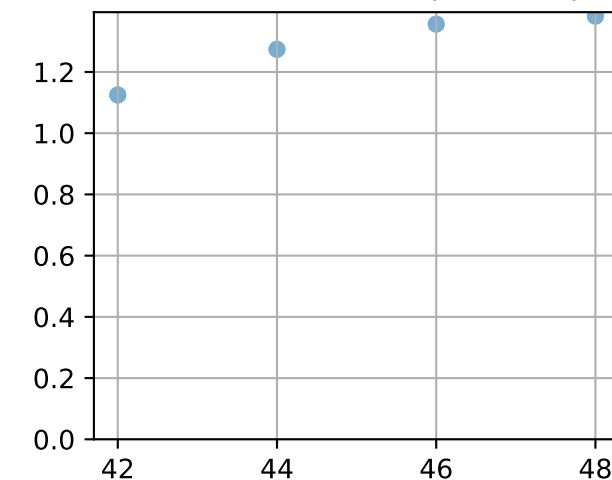
P10AE-076-5L7



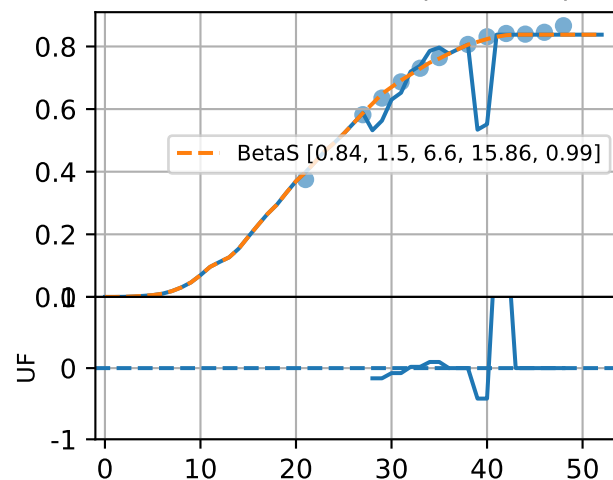
P10AE-089-22L10 (fit failed)



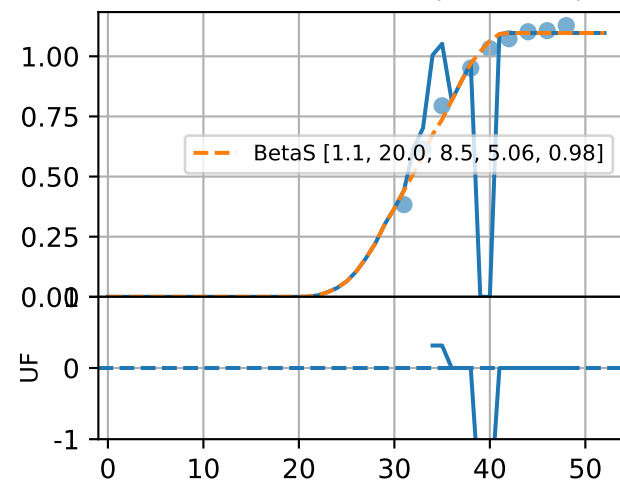
P10AE-089-22L13 (fit failed)



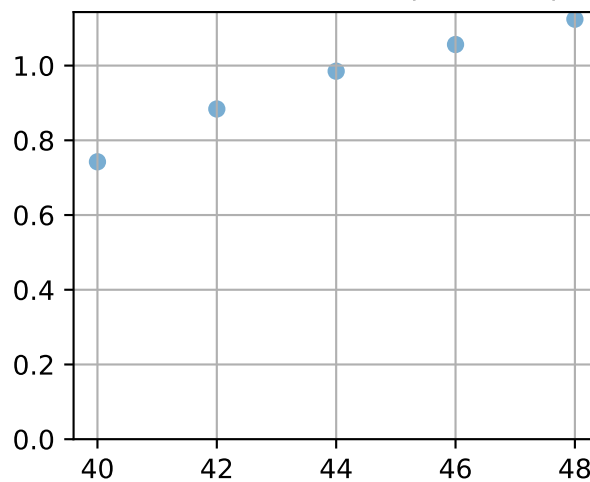
P10AE-089-22L7 (fit failed)



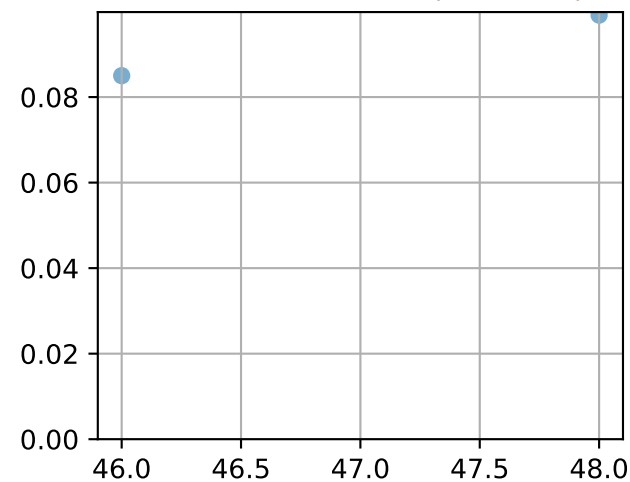
P10AE-103-17L10 (fit failed)



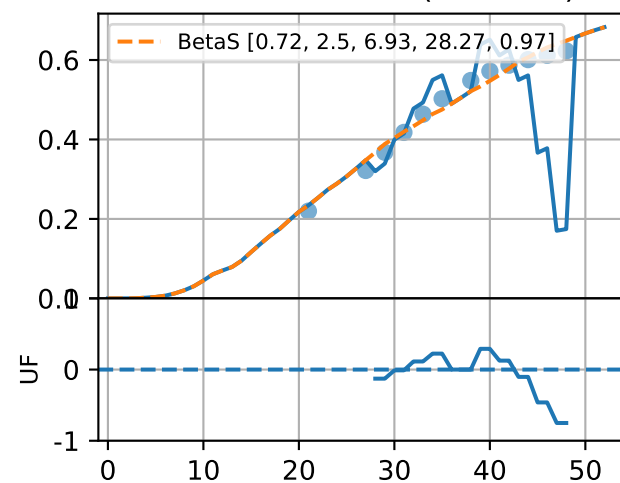
P10AE-103-17L14 (fit failed)



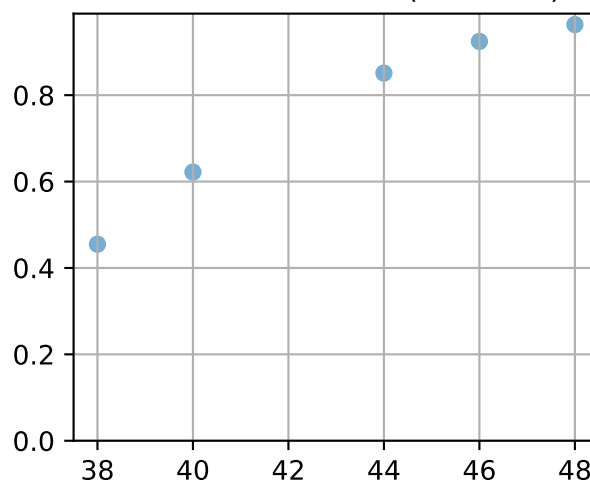
P10AE-103-17L16 (fit failed)



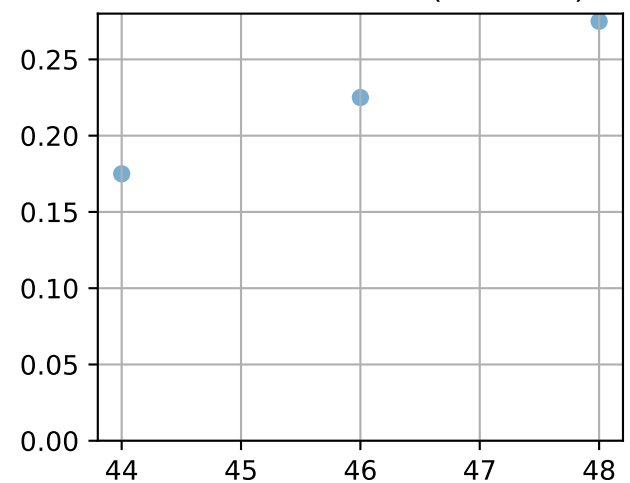
P10AE-103-17L7 (fit failed)



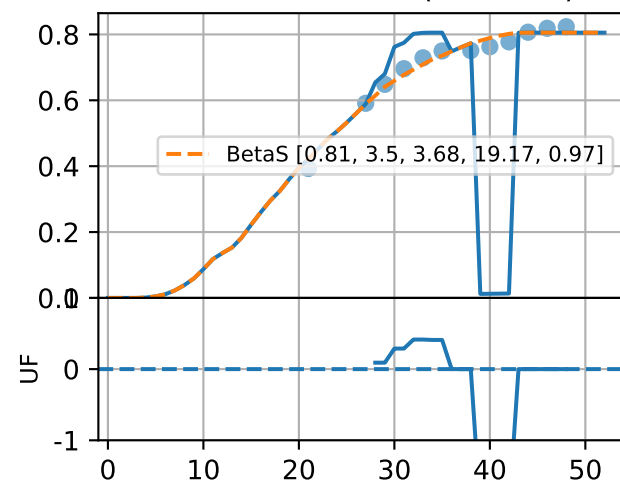
P10AE-116-21L12 (fit failed)



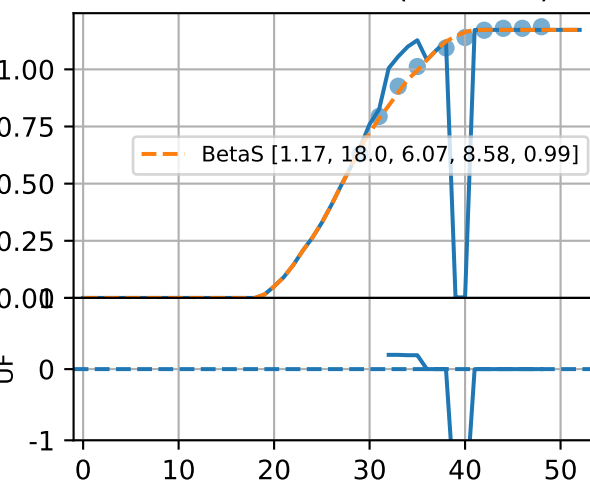
P10AE-116-21L15 (fit failed)

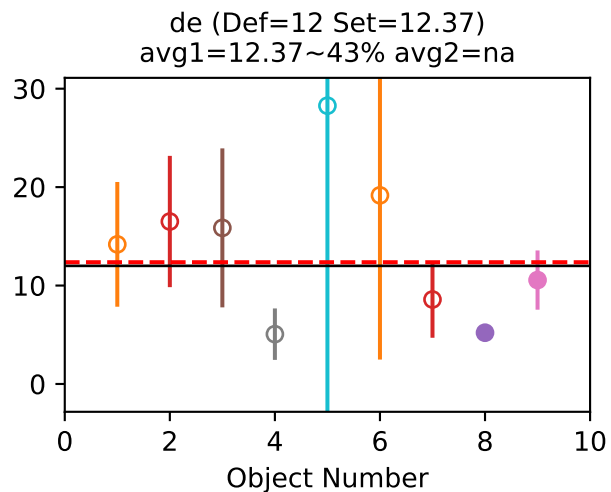
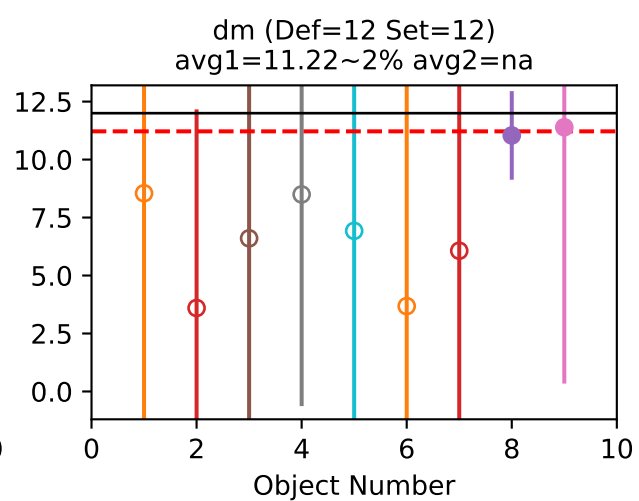
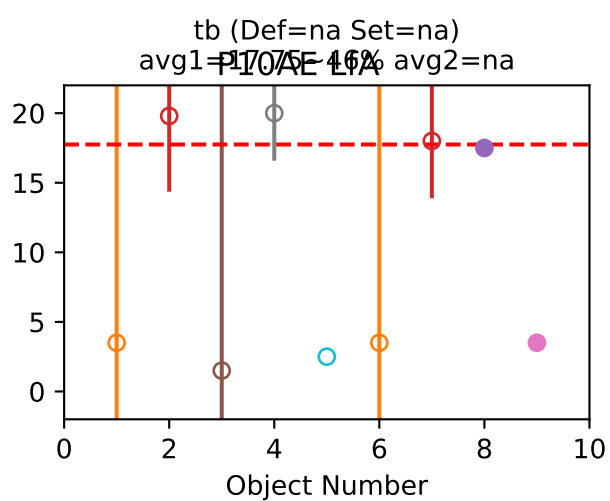
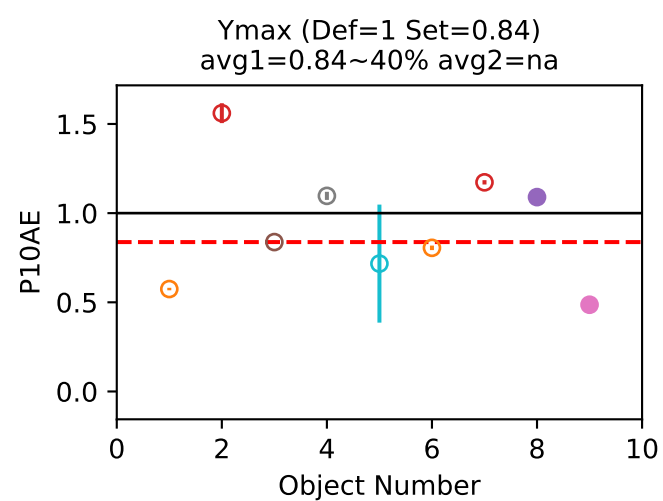


P10AE-116-21L6 (fit failed)



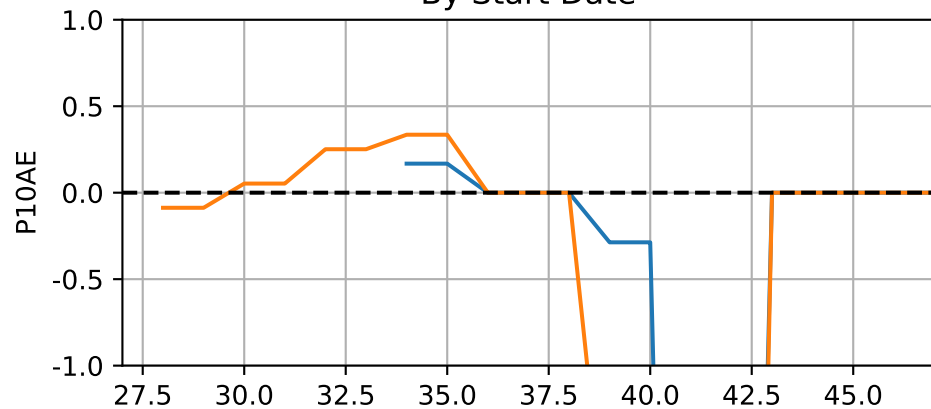
P10AE-116-21L9 (fit failed)



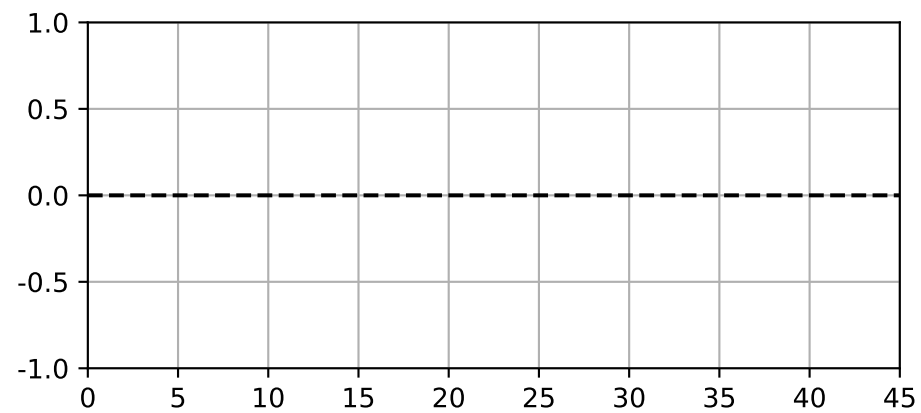
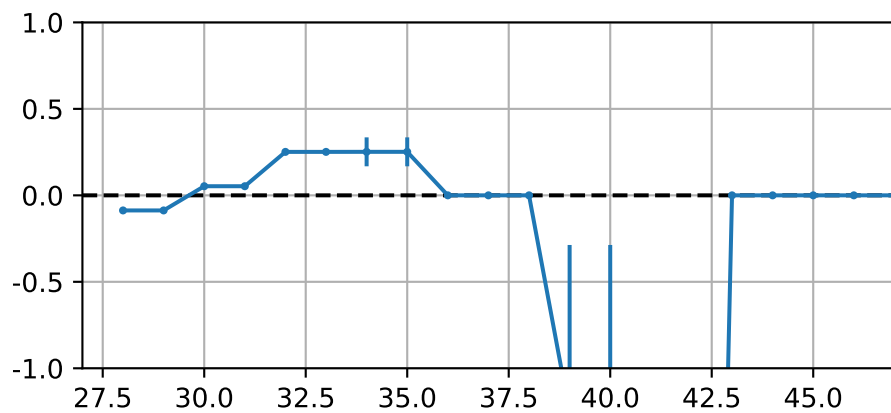
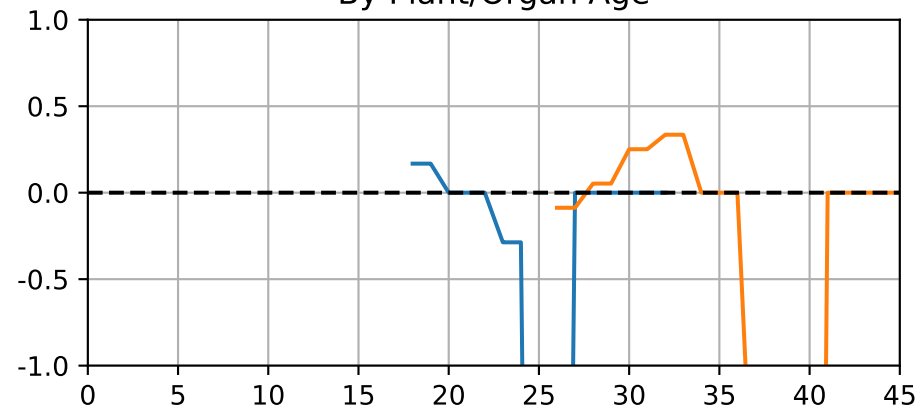


LfA

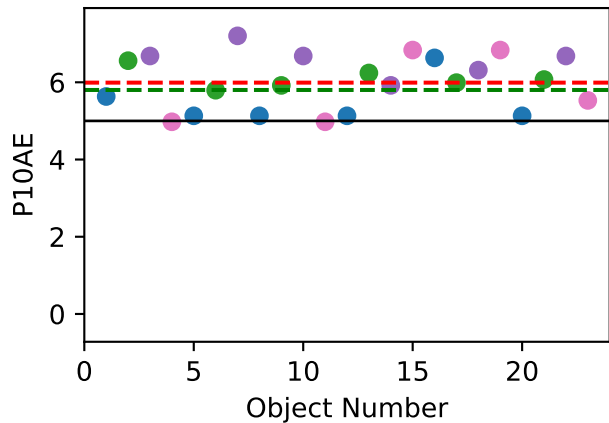
By Start Date



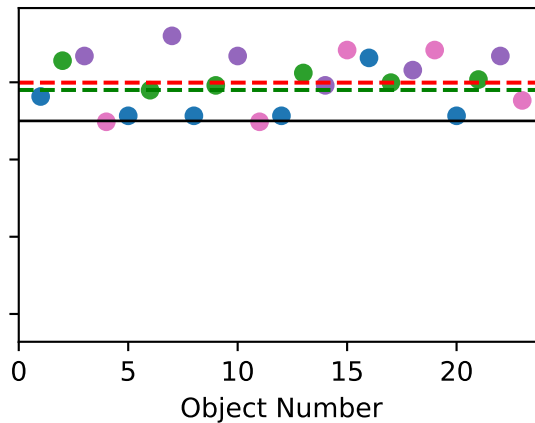
By Plant/Organ Age



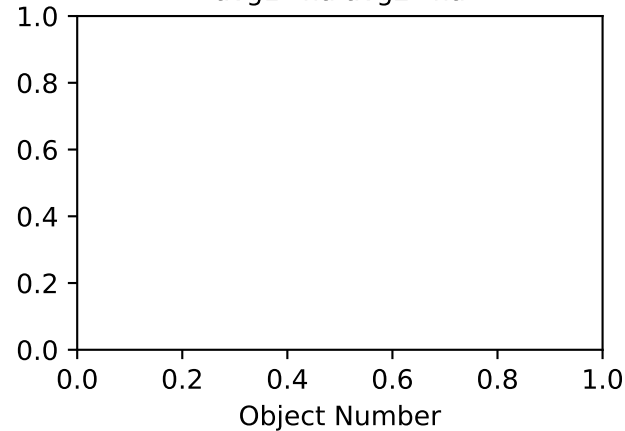
Fl_dm (Def=5 Set=5.99)
avg1=5.99~12% avg2=5.8~12%



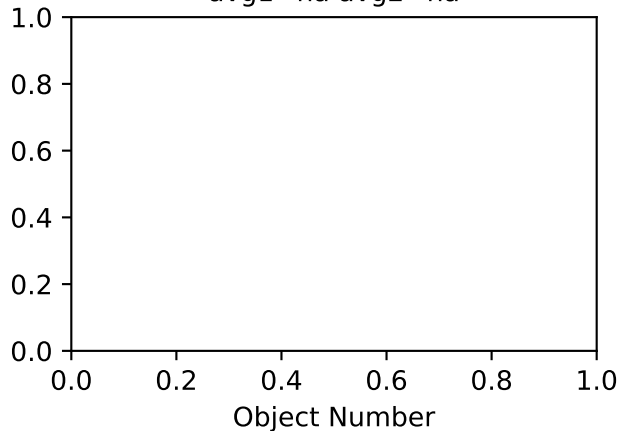
Fl_de (Def=5 Set=5.99)
avg1=5.99~12% avg2=5.8~12%



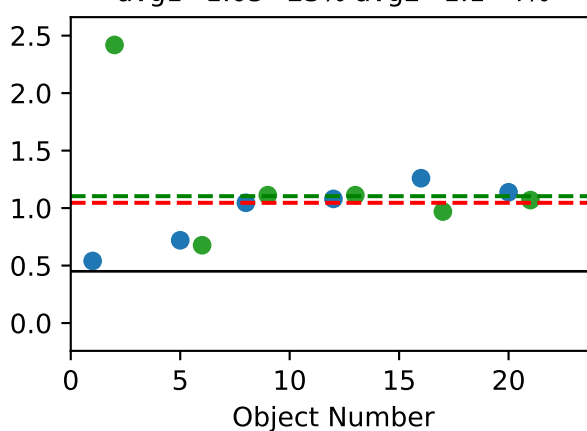
FrV_dm (Def=18 Set=16.66)
avg1=na avg2=na



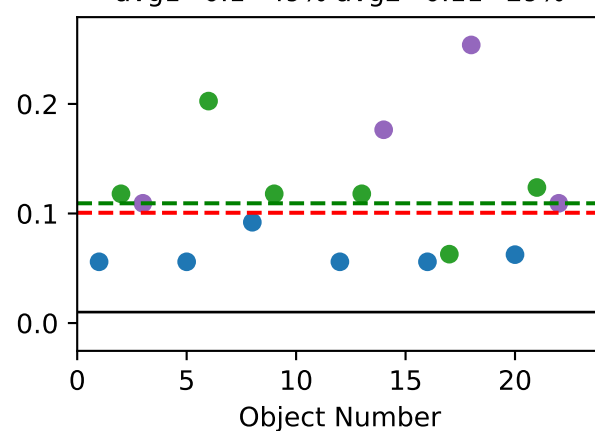
FrV_de (Def=15 Set=15)
avg1=na avg2=na



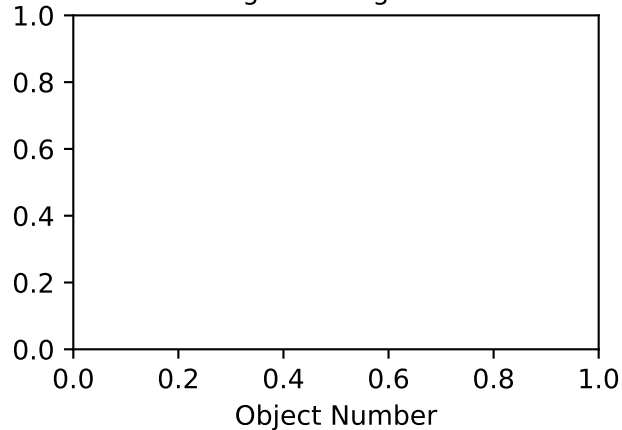
FrN_a (Def=0.45 Set=1.05)
avg1=1.05~23% avg2=1.1~4%



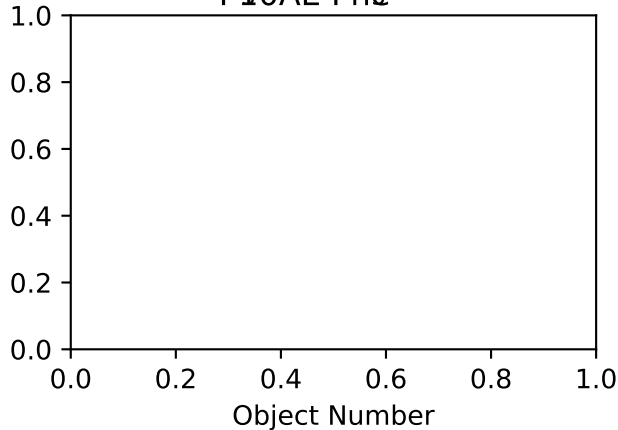
FSDdevStage (Def=0.01 Set=0.1)
avg1=0.1~49% avg2=0.11~29%



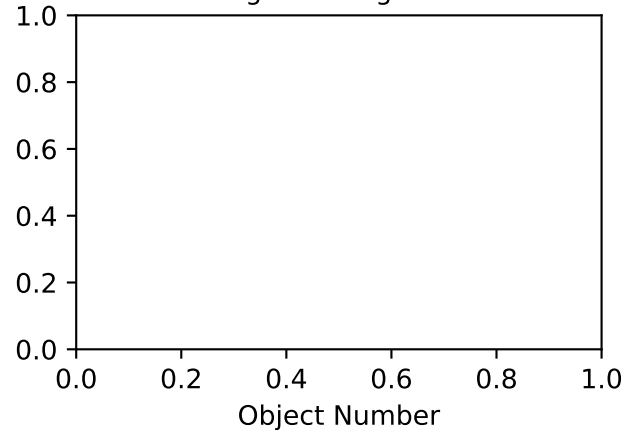
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



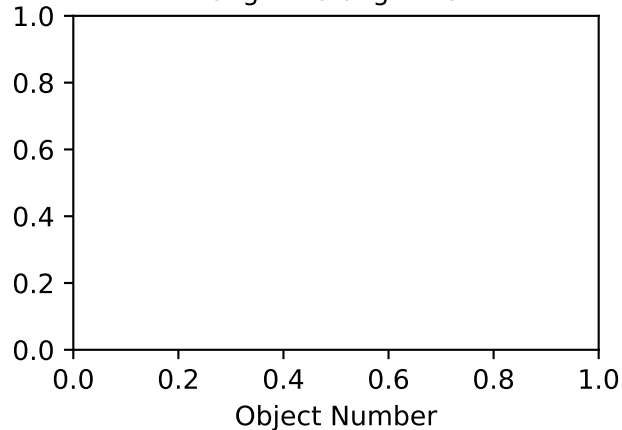
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



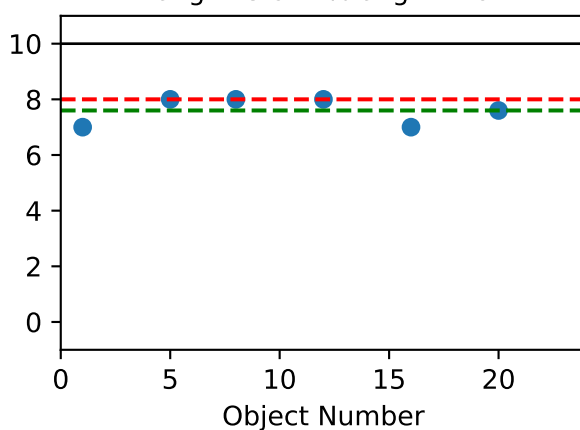
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

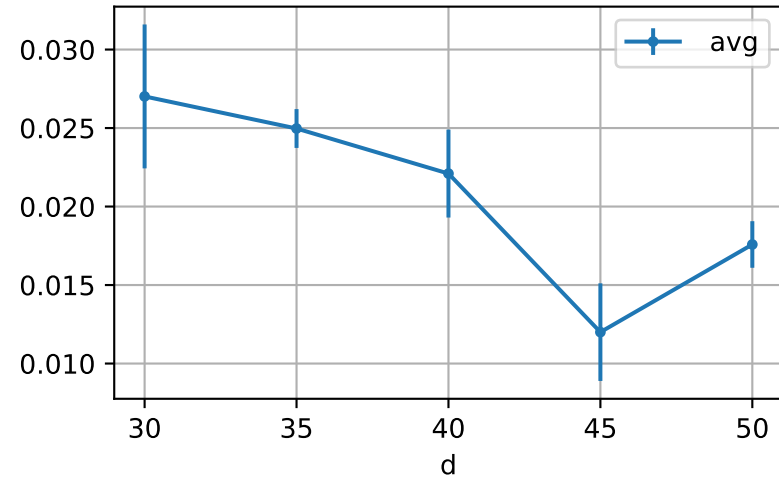


NNgen (Def=10 Set=8)
avg1=8.0~7% avg2=7.6

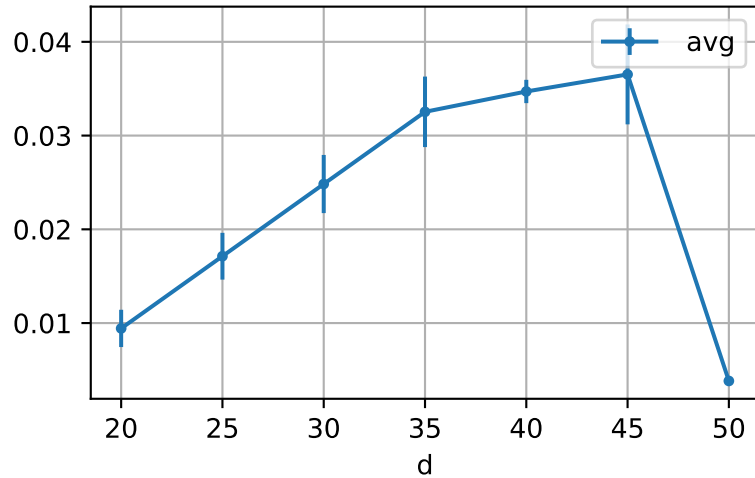


LfA: avg vs. d at each age group

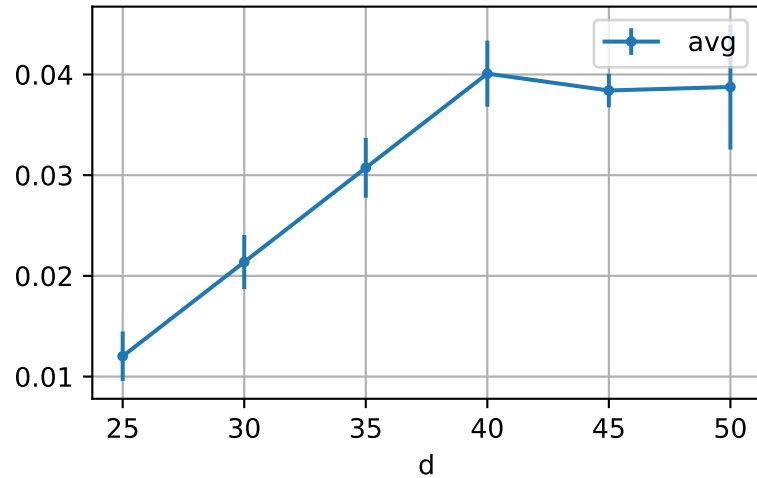
age=20



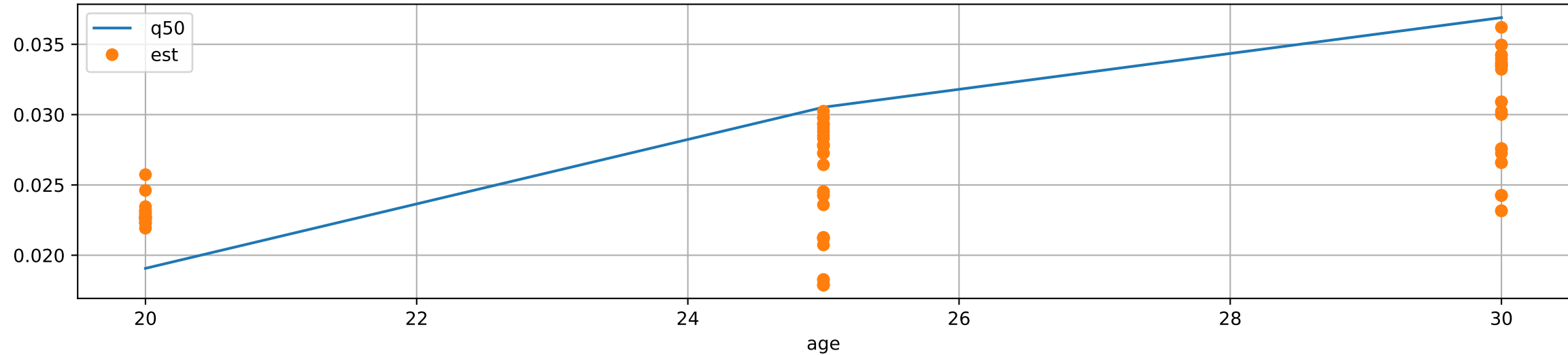
age=25



age=30

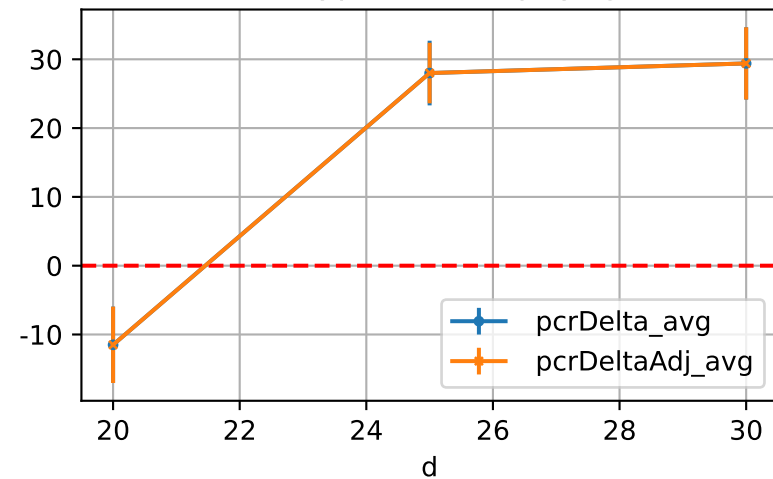


LfA: model est vs obsOv@Q50

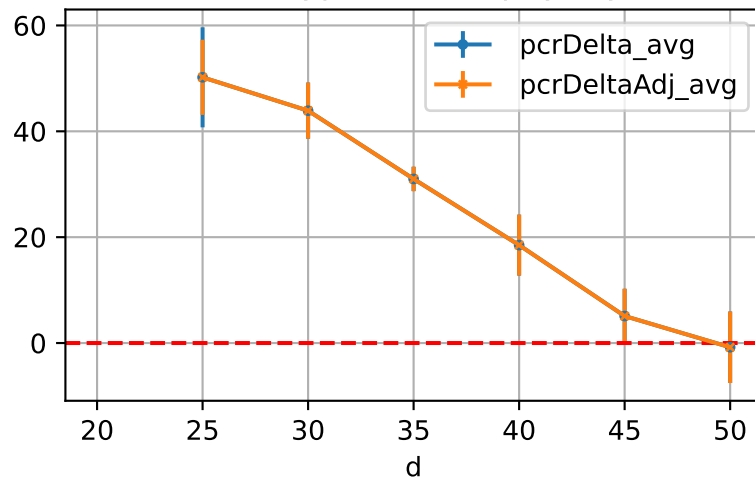


P10AE LfA: D_5d_LfA

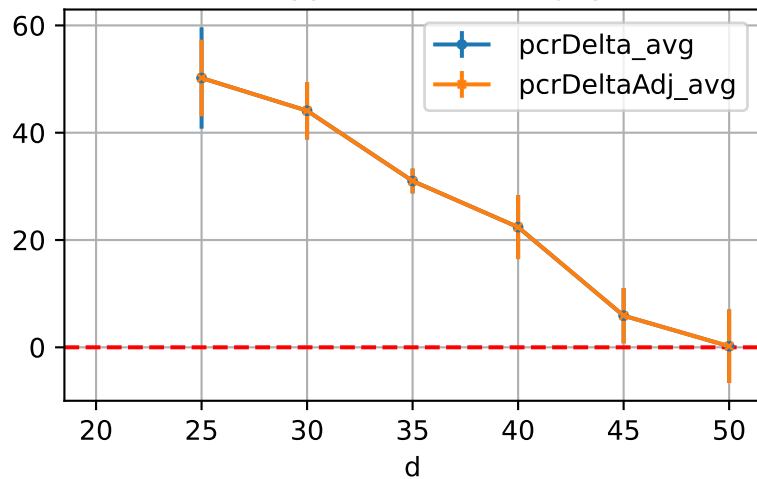
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

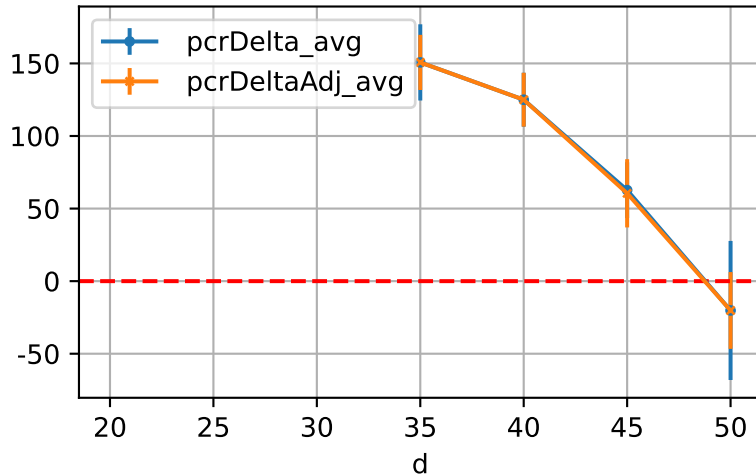


DeltaTypeAbbr=WeiAvgByD

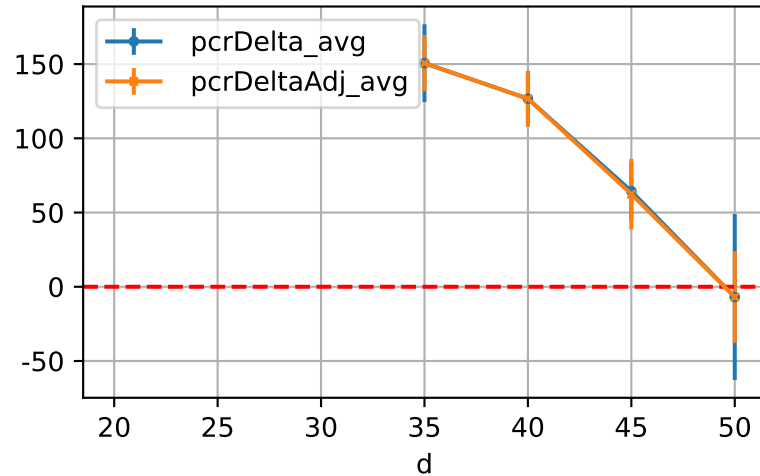


P10AE LfA: D_15d_LfA

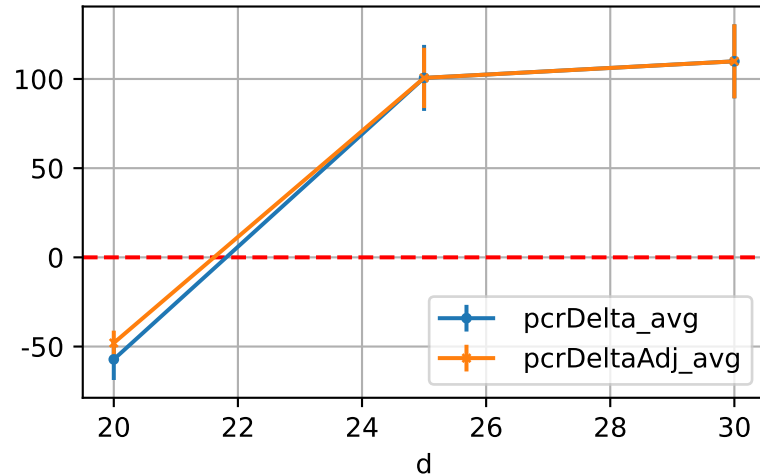
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

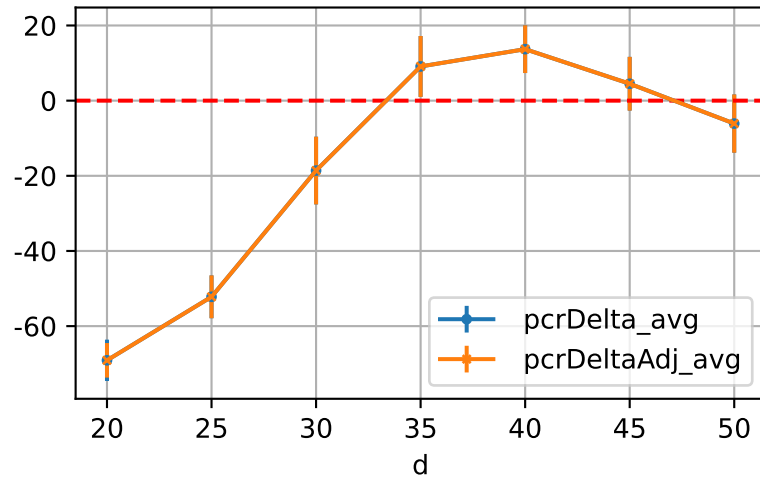


DeltaTypeAbbr=GrpByAge

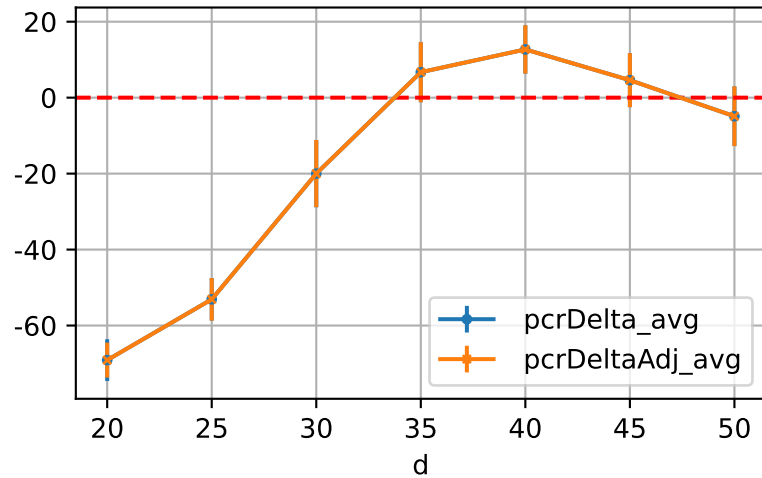


P10AE LfA: D_Q50_LfA

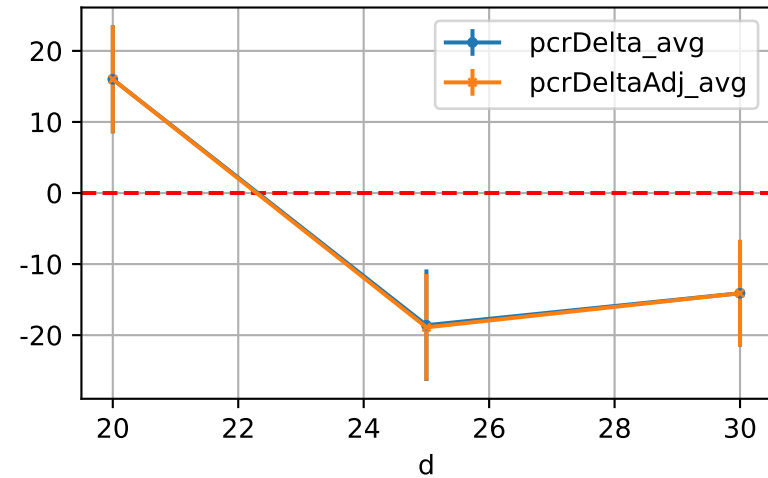
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

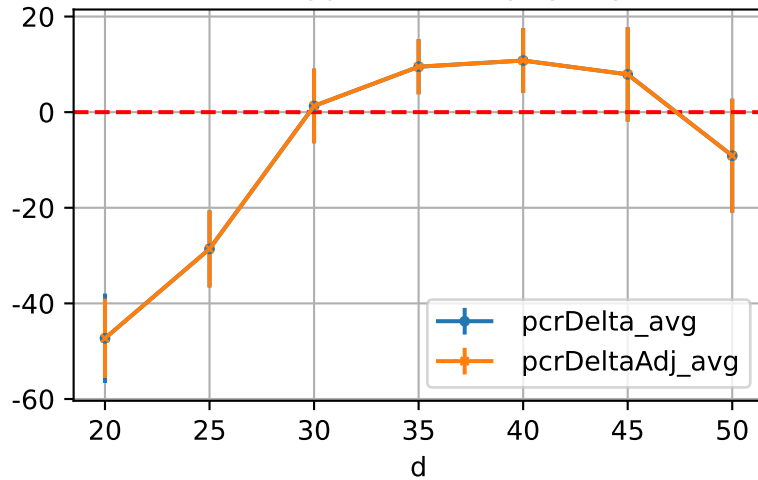


DeltaTypeAbbr=GrpByAge

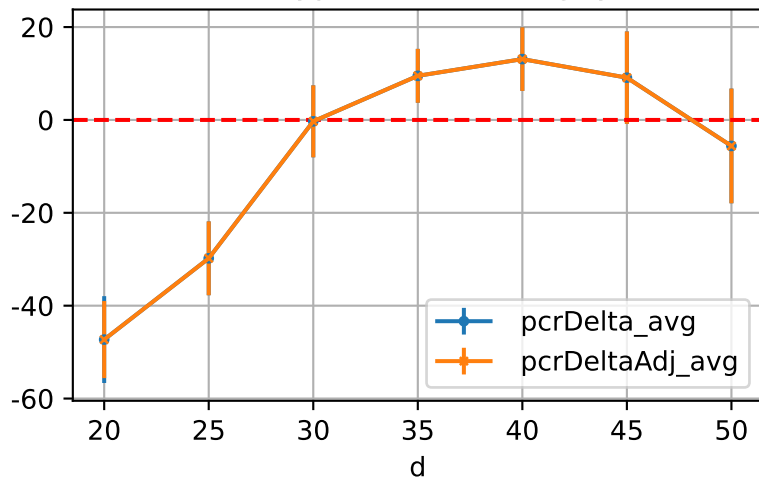


P10AE LfA: D_Est_LfA

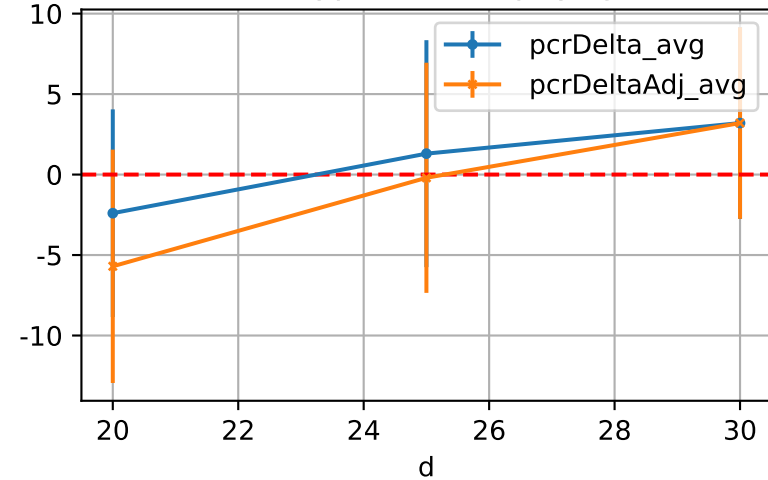
DeltaTypeAbbr=GrpByDay



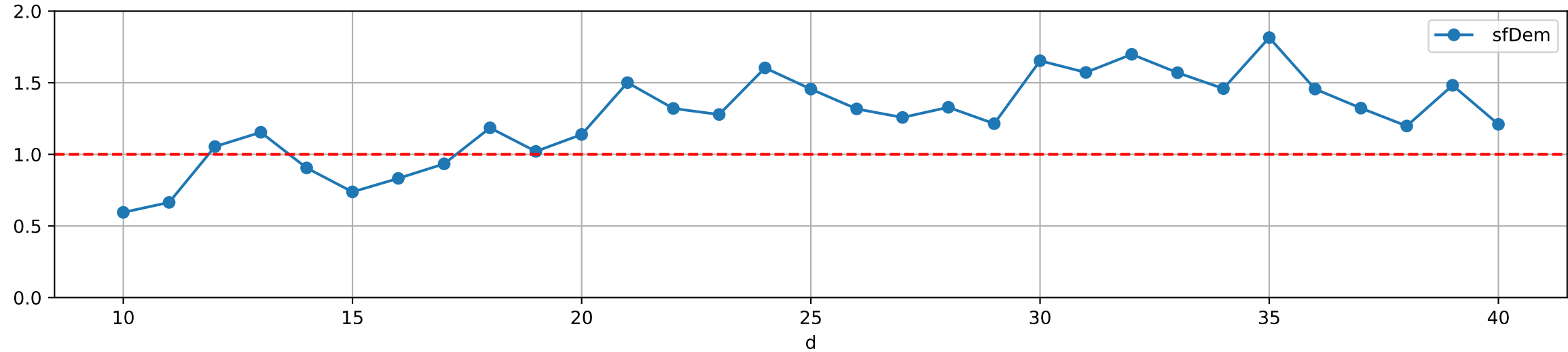
DeltaTypeAbbr=WeiAvgByD

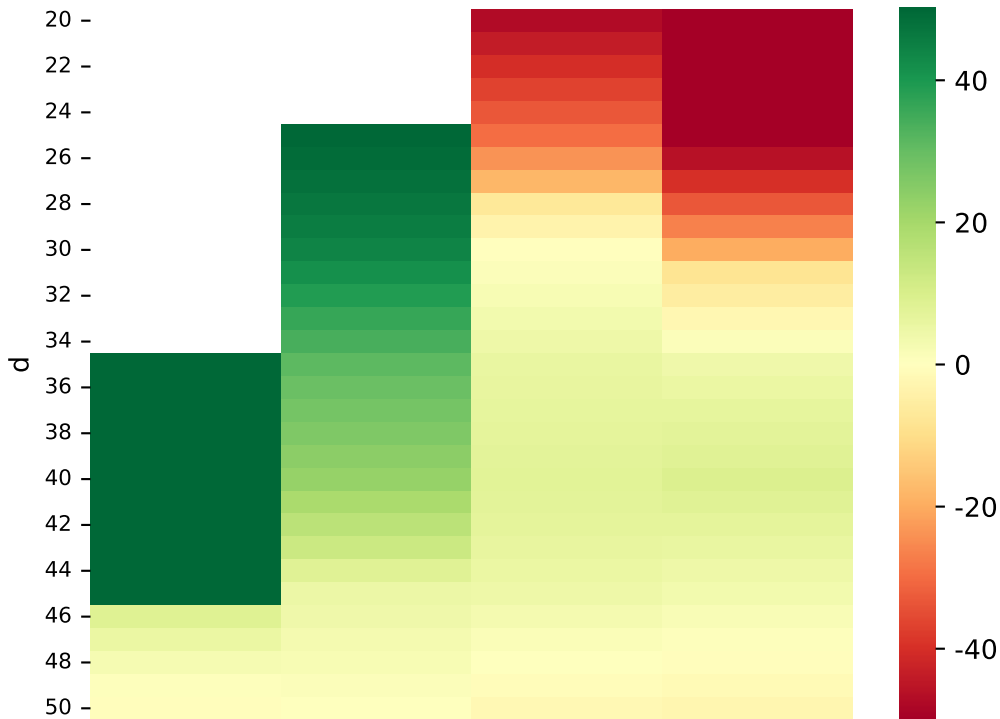


DeltaTypeAbbr=GrpByAge



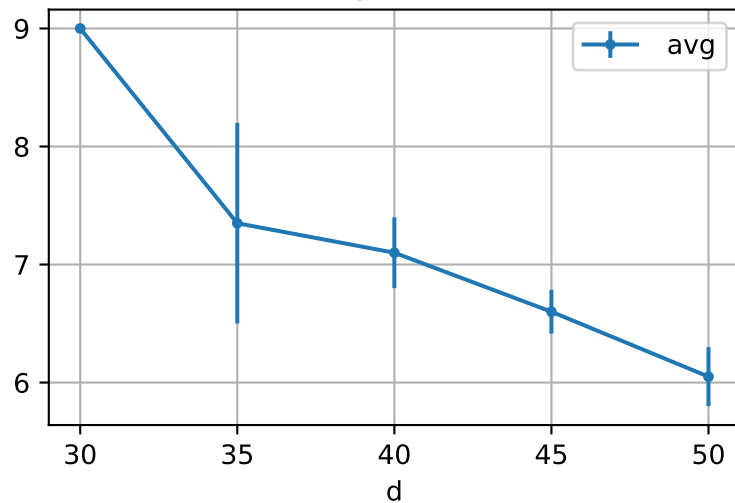
LfA: sfDem



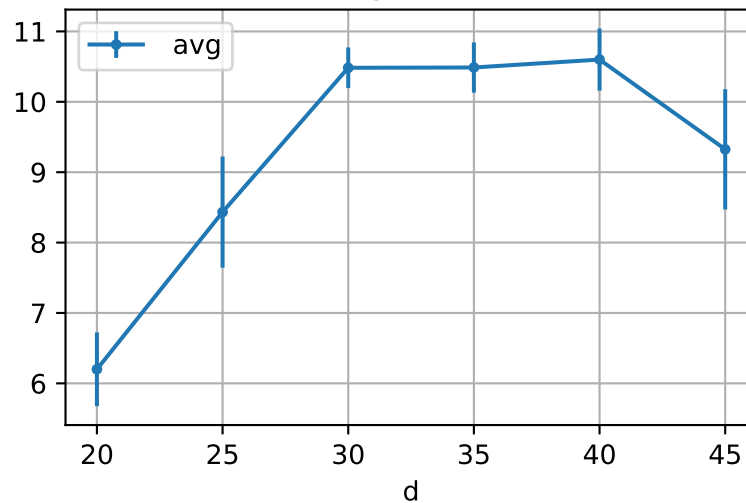


NdD: avg vs. d at each age group

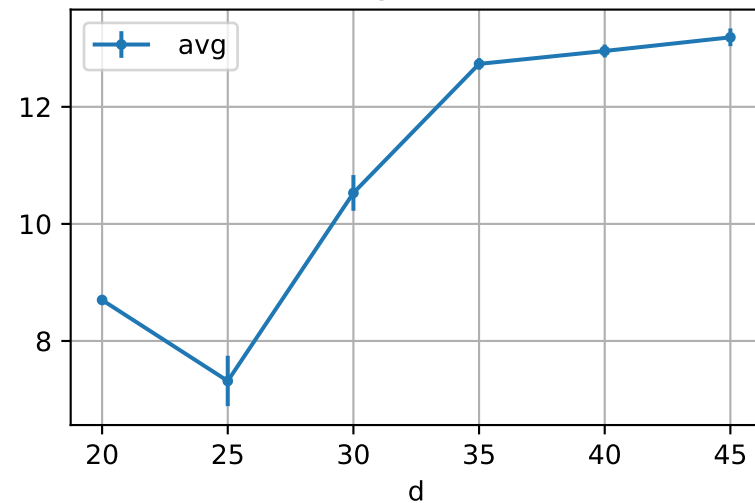
age=15



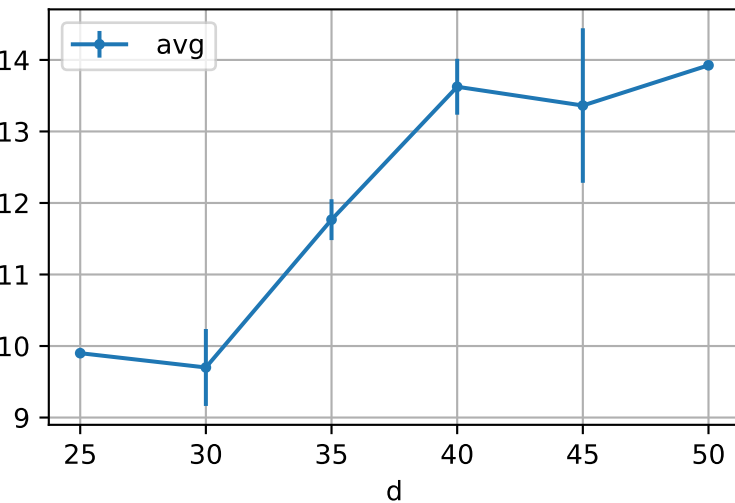
age=20



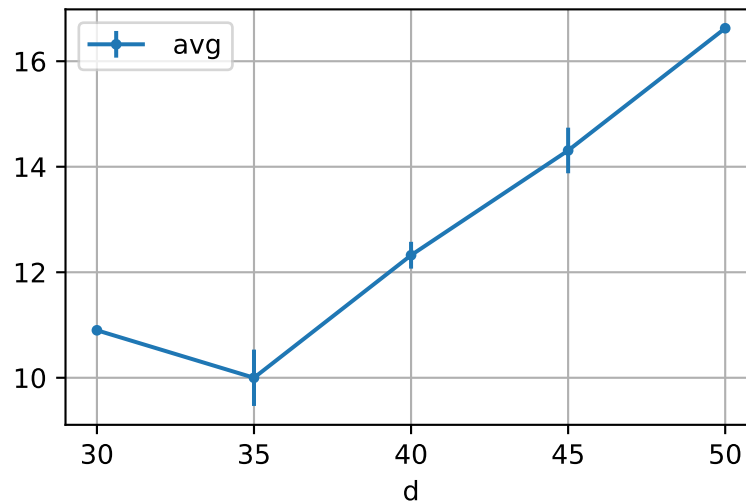
age=25



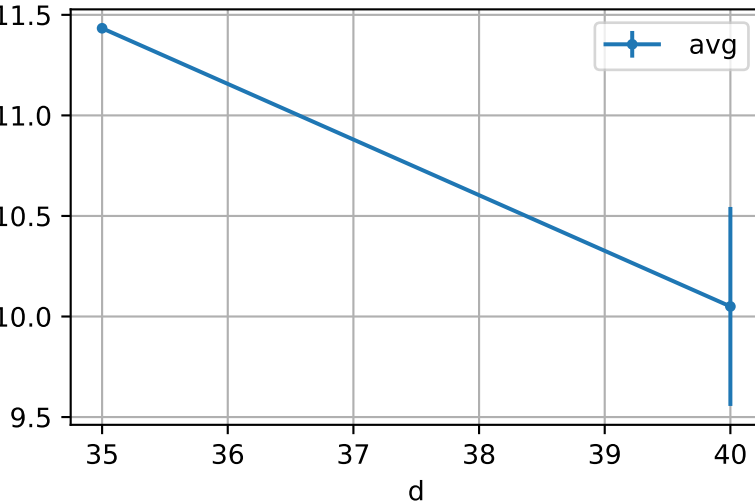
age=30



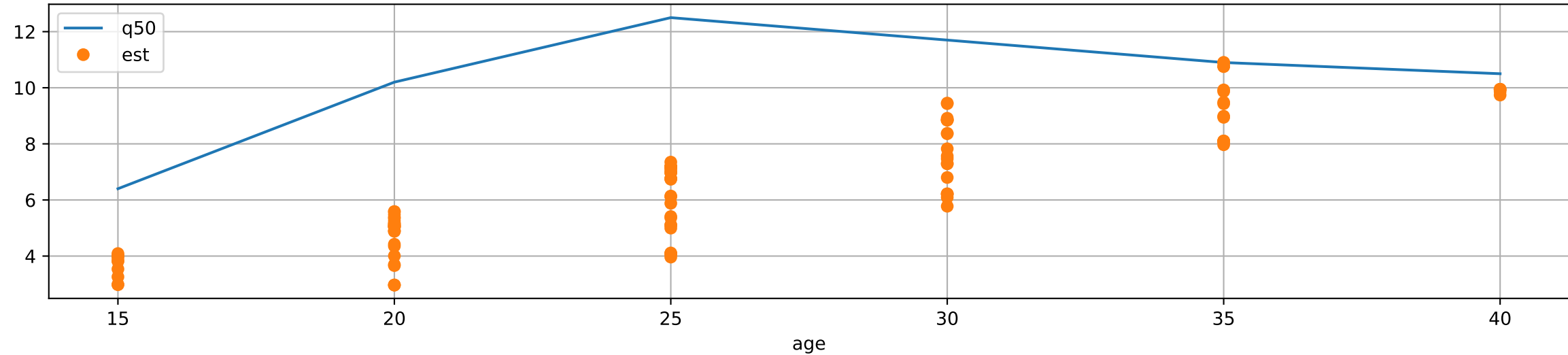
age=35



age=40

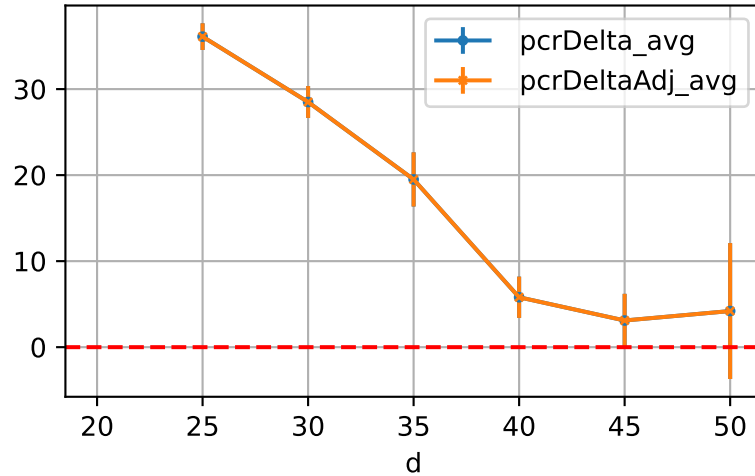


NdD: model est vs obsOv@Q50

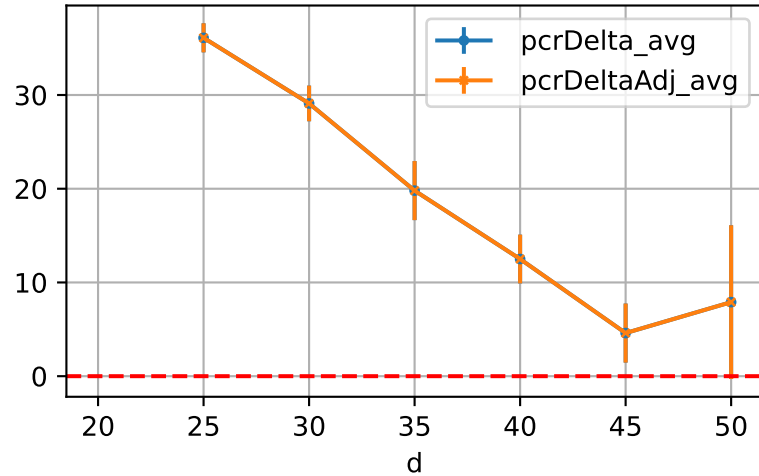


P10AE NdD: D_5d_NdD

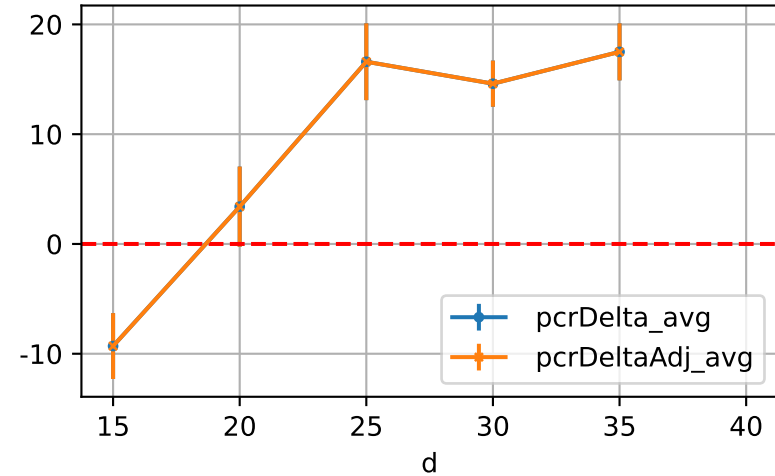
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

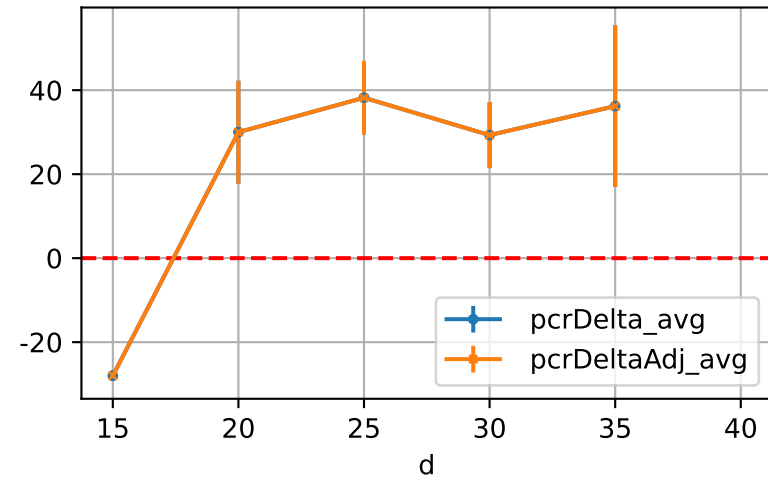


DeltaTypeAbbr=GrpByAge

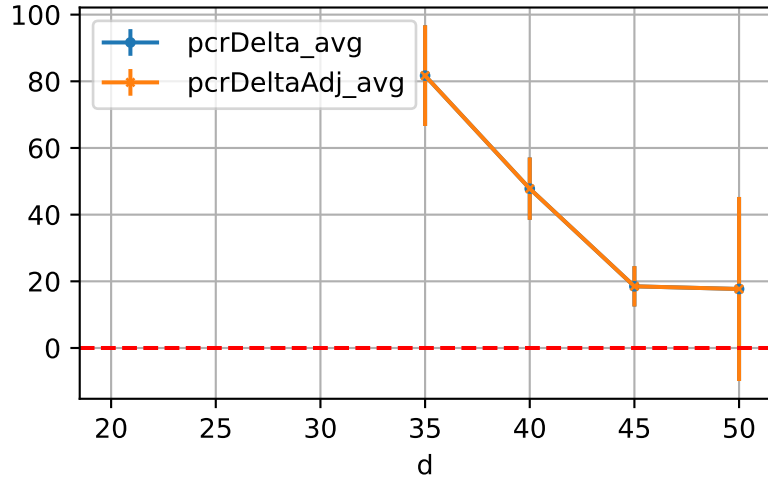


P10AE NdD: D_15d_NdD

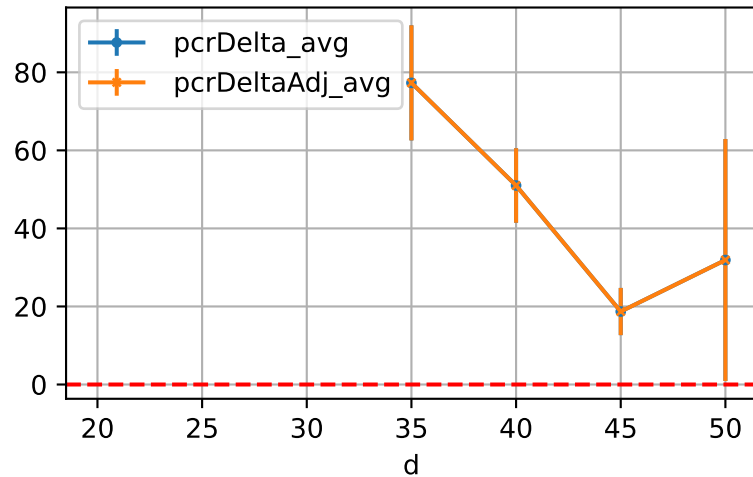
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

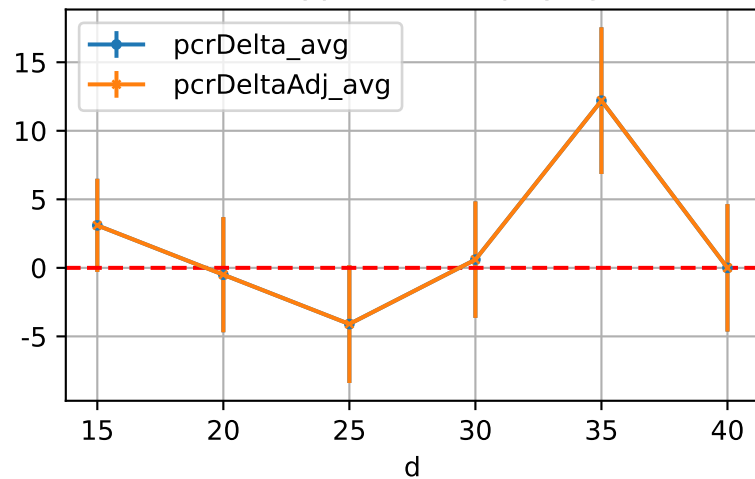


DeltaTypeAbbr=WeiAvgByD

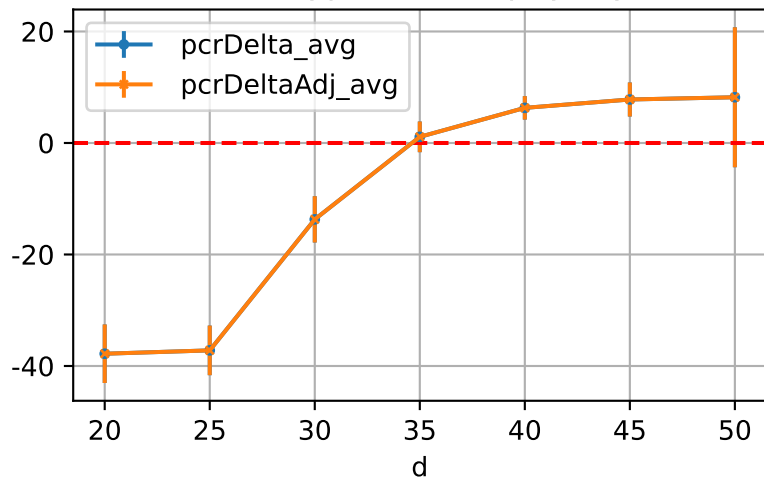


P10AE NdD: D_Q50_NdD

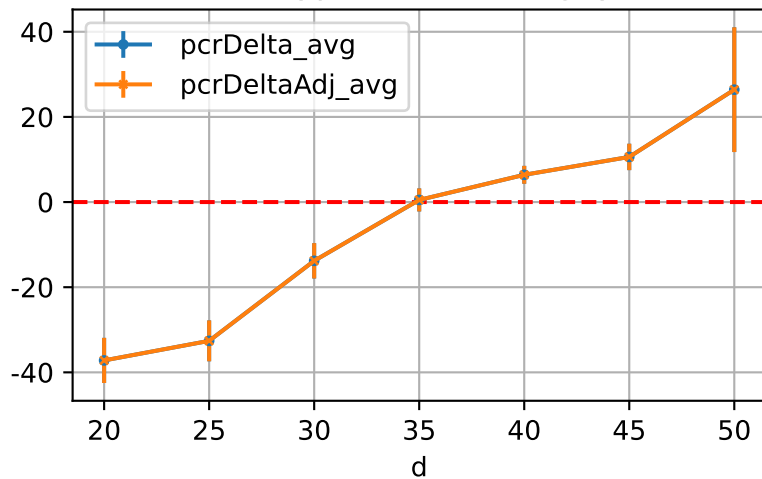
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

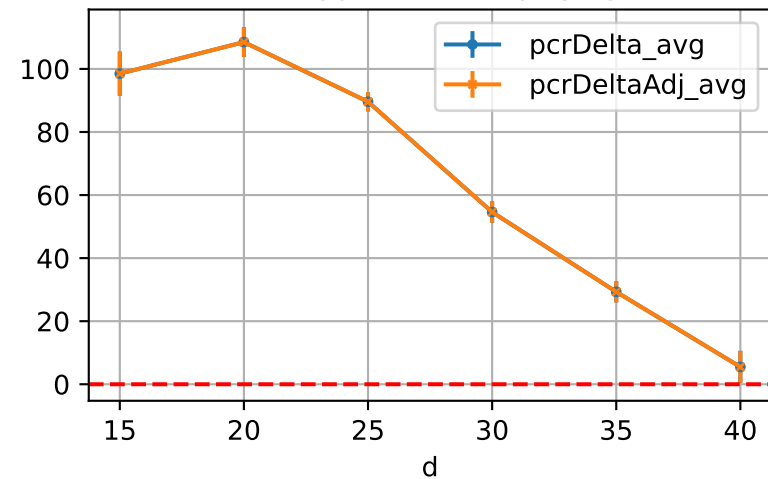


DeltaTypeAbbr=WeiAvgByD

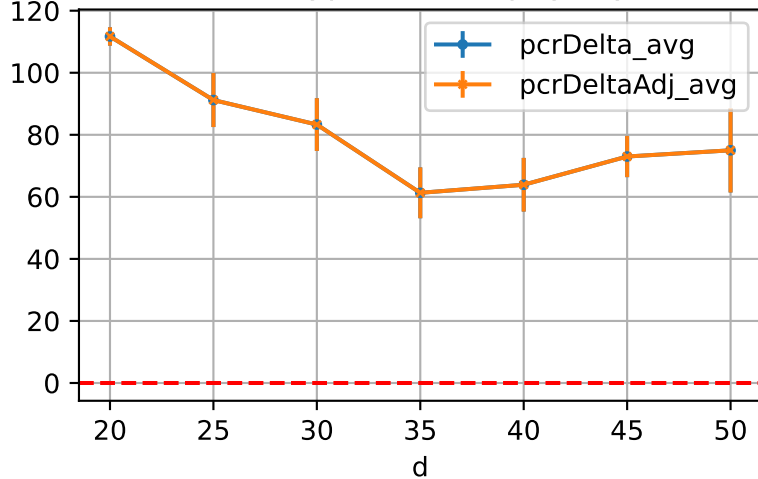


P10AE NdD: D_Est_NdD

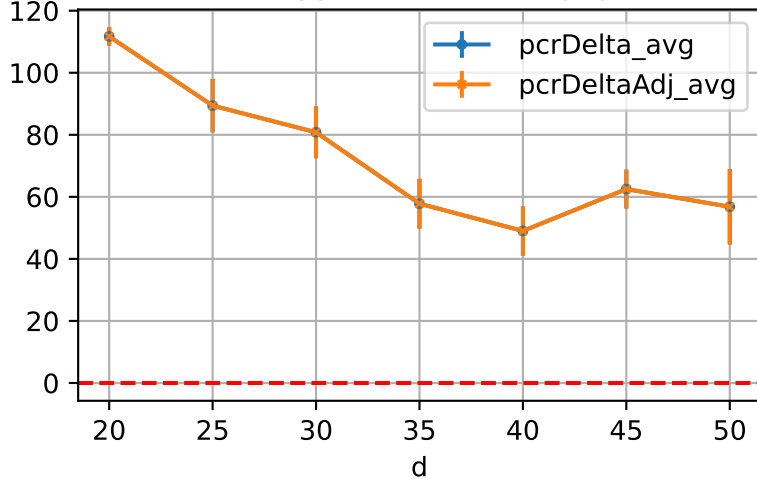
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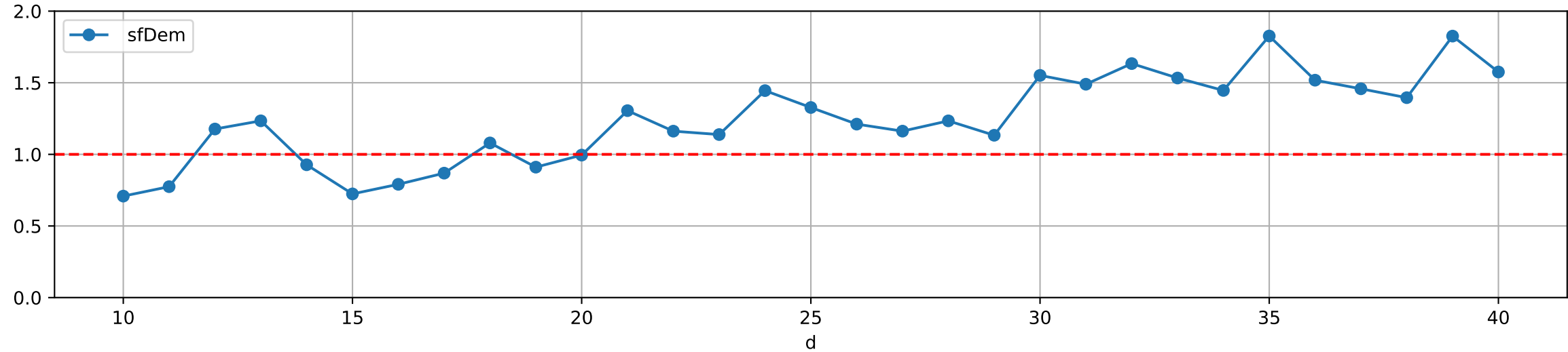
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DeltaTypeAbbr=WeiAvgByD

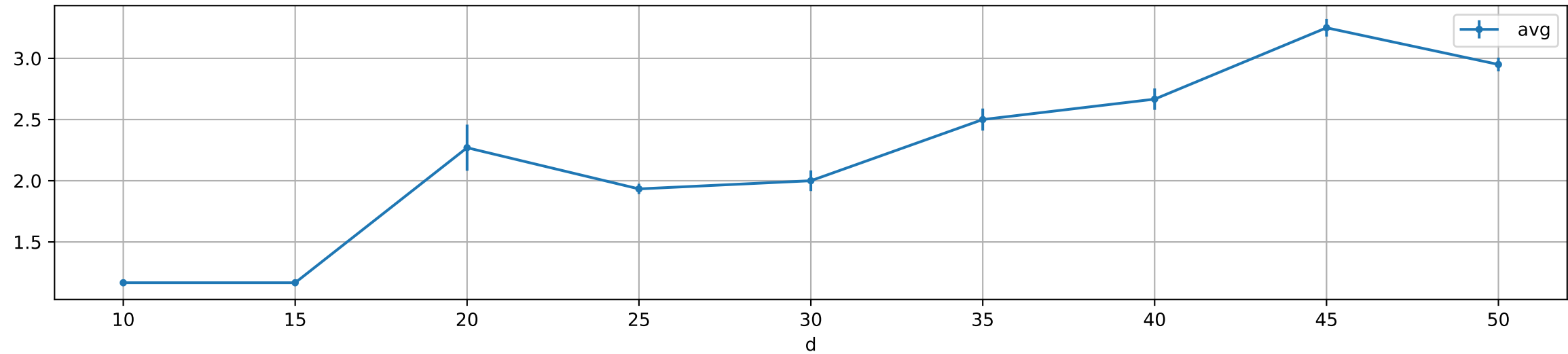


NdD: sfDem

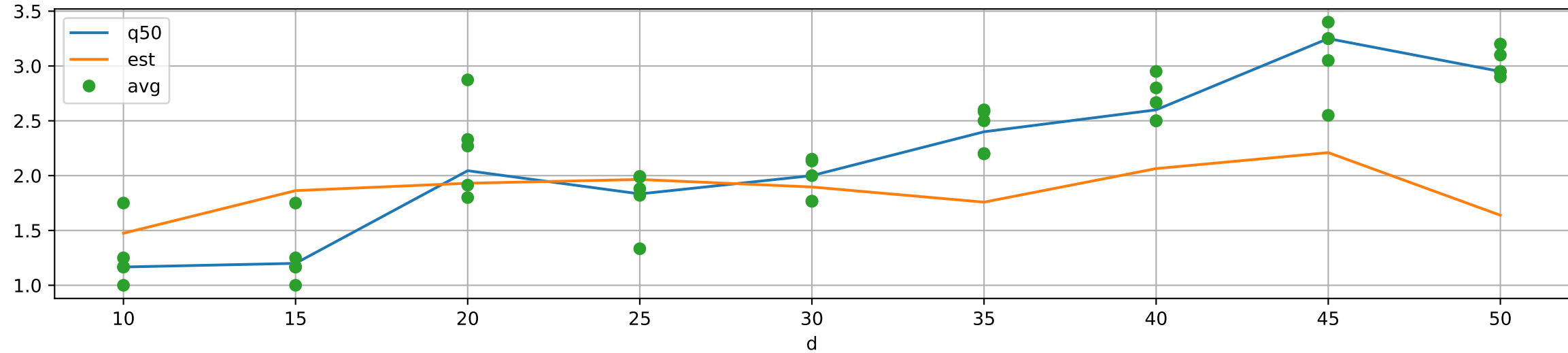




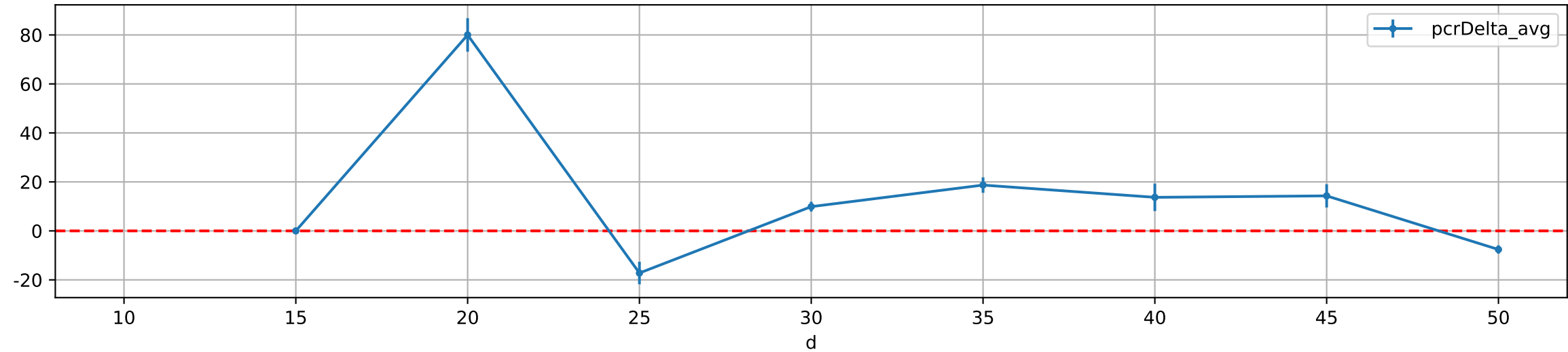
dStH: avg vs. d



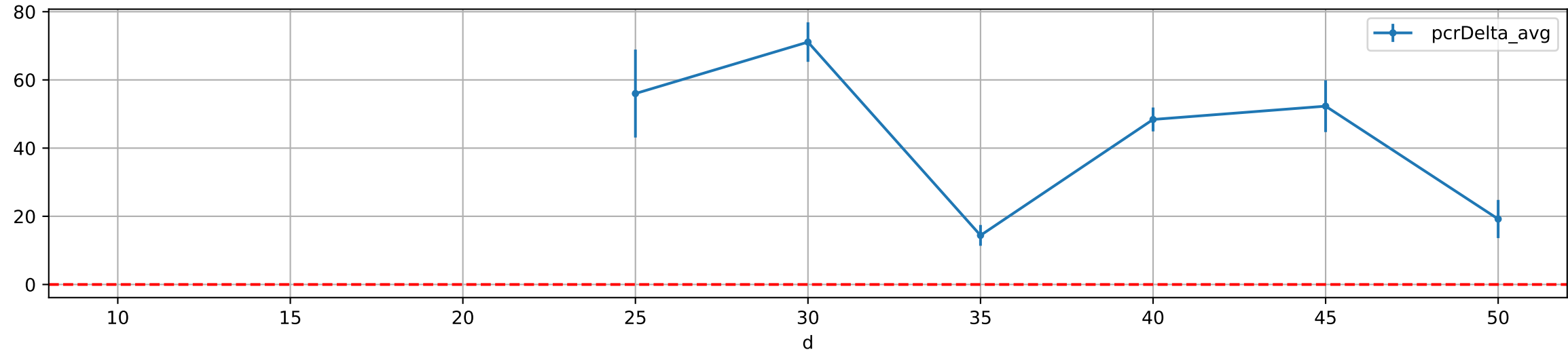
dStH: obsAvg vs obsOv@Q50



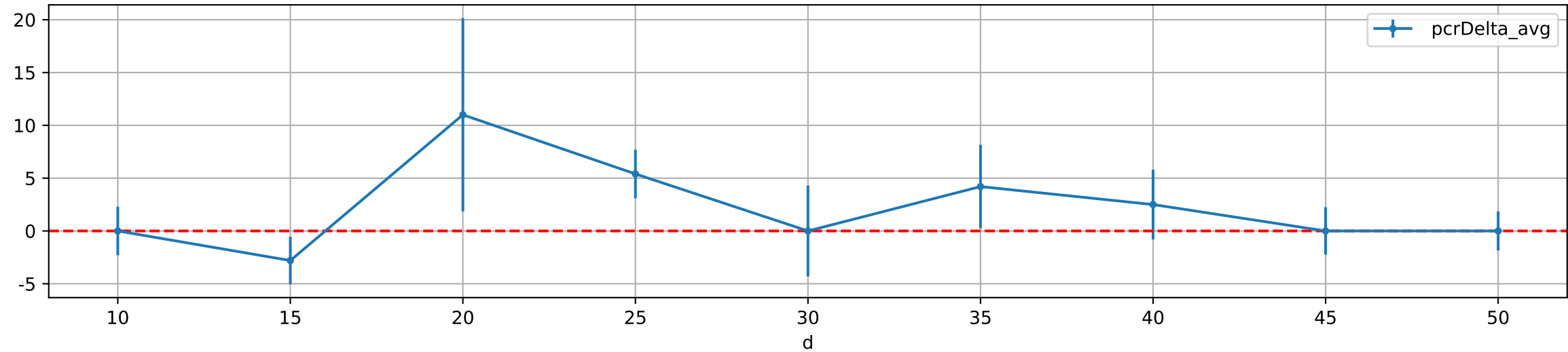
dStH: D_5d_StH



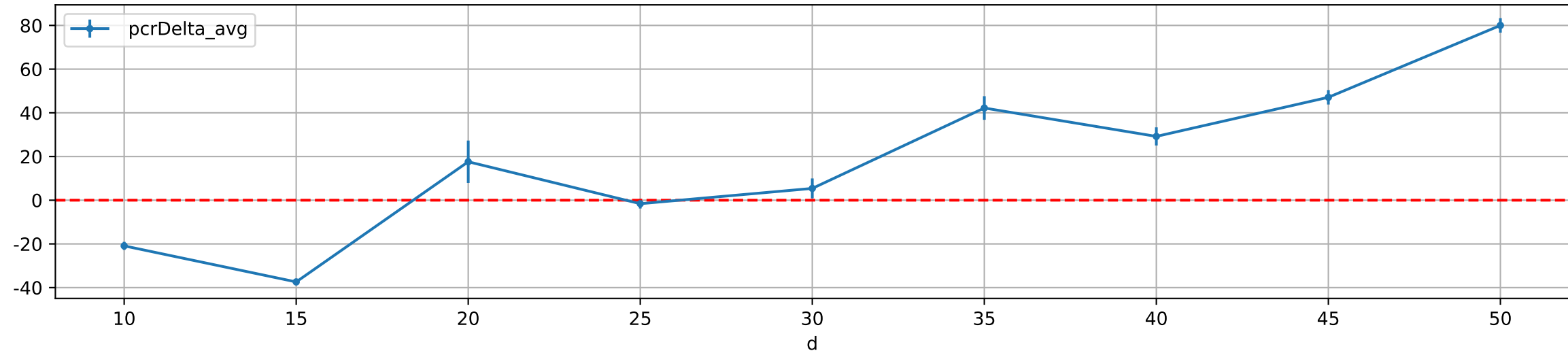
dStH: D_15d_StH



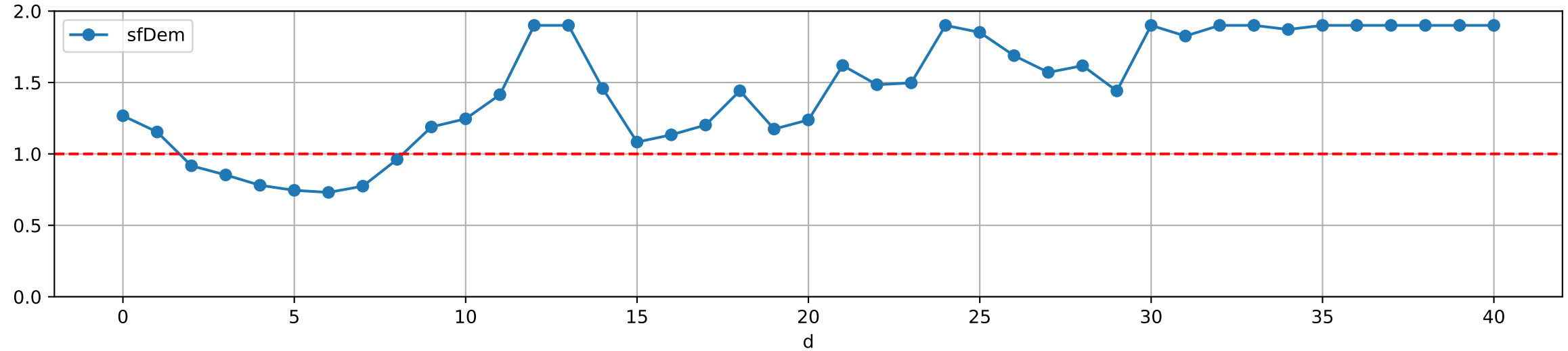
dStH: D_Q50_StH

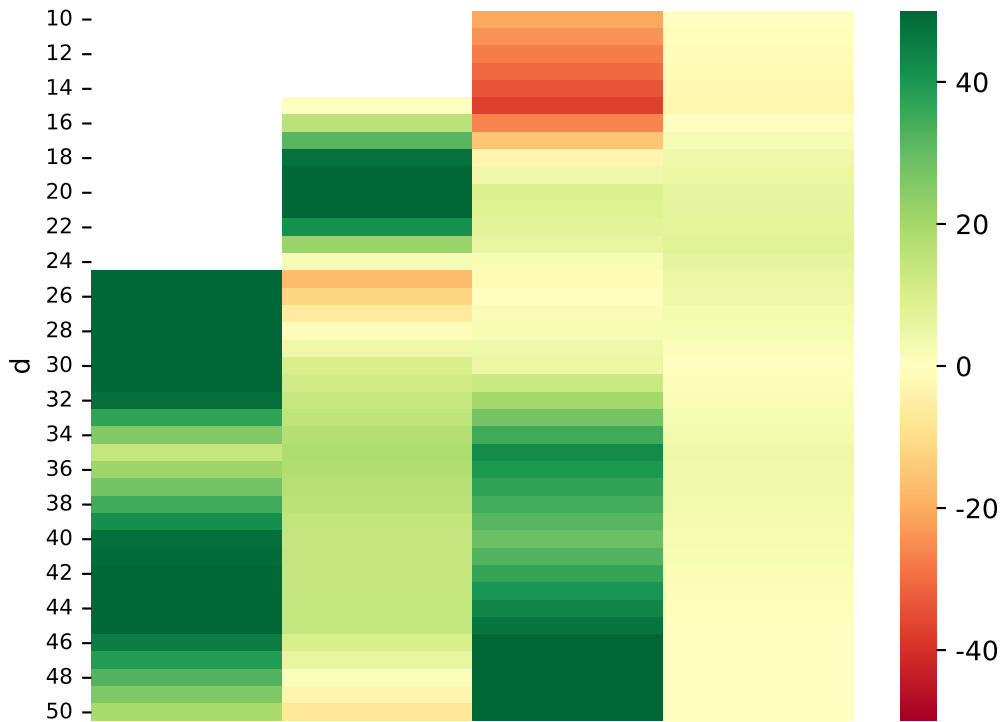


dStH: D_Est_StH



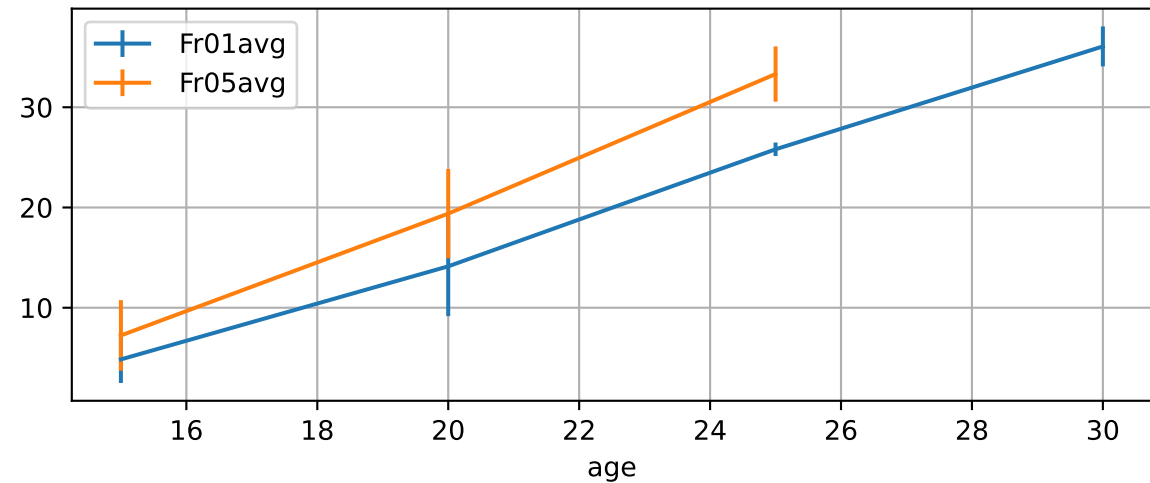
dStH: sfDem



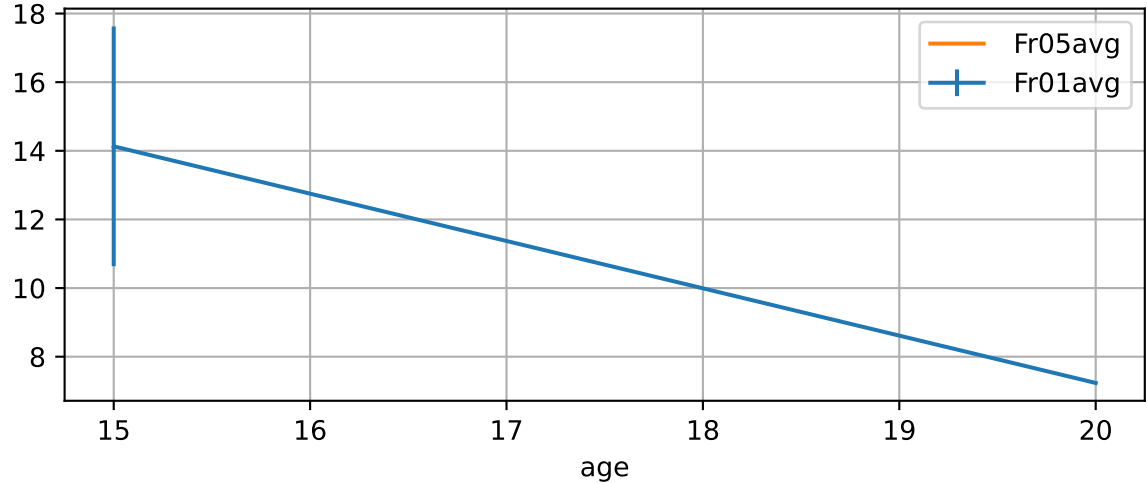


FrV: Fr01 vs Fr05 at each truss

organID=T01

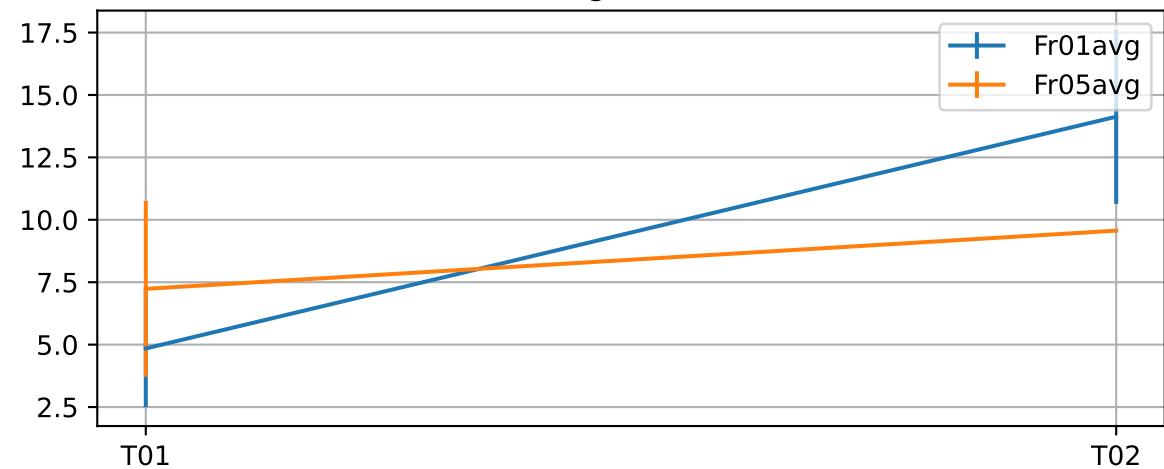


organID=T02

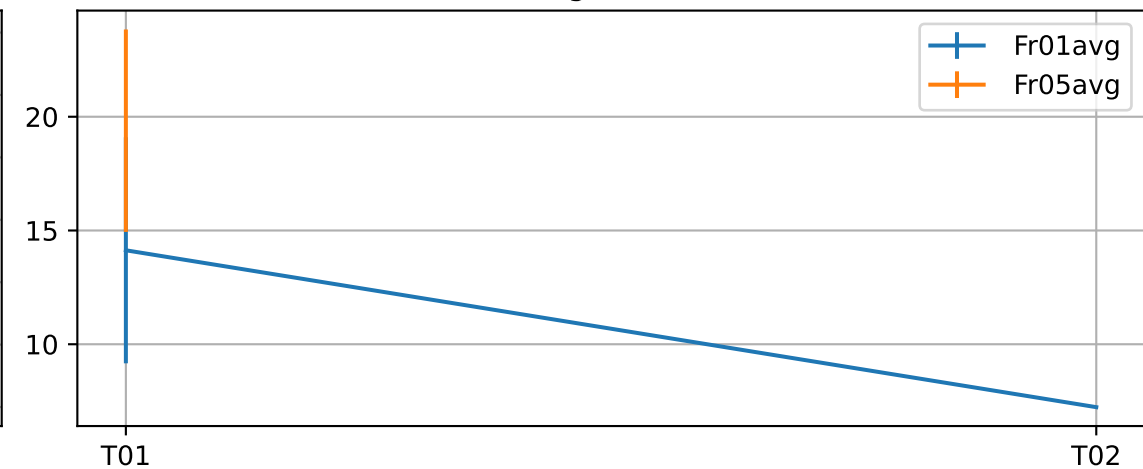
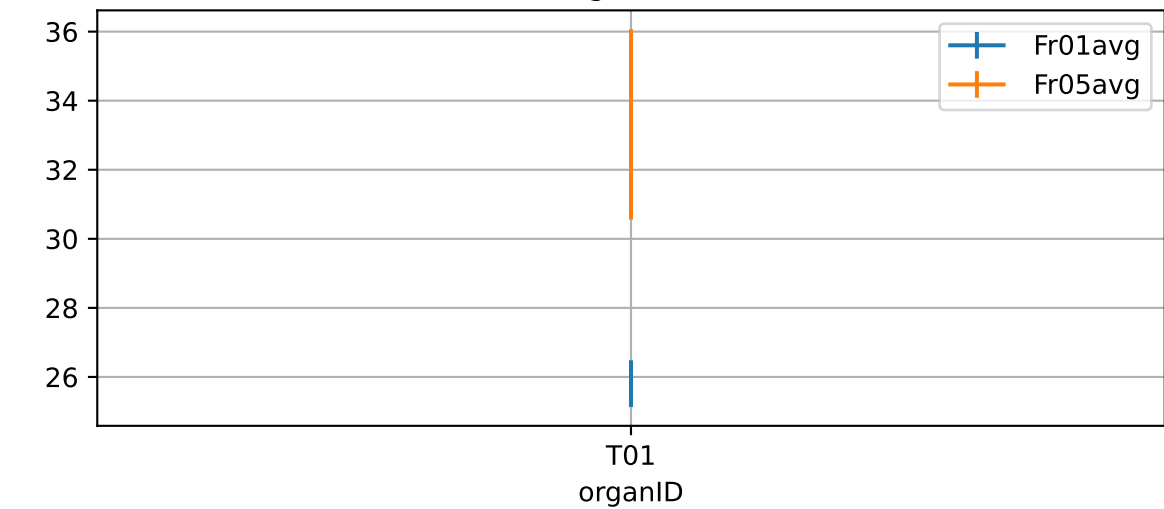
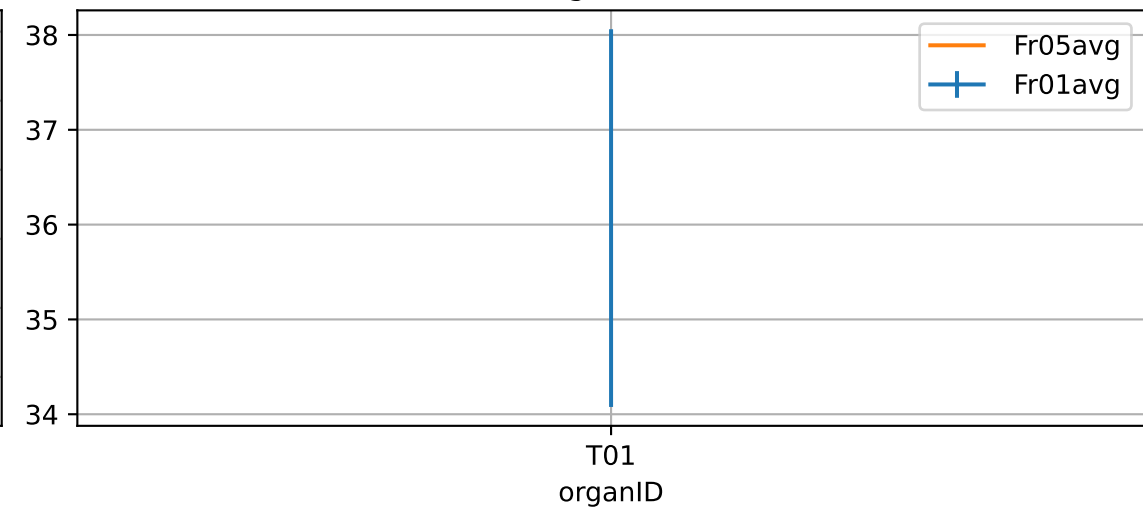


FrV trend at each age

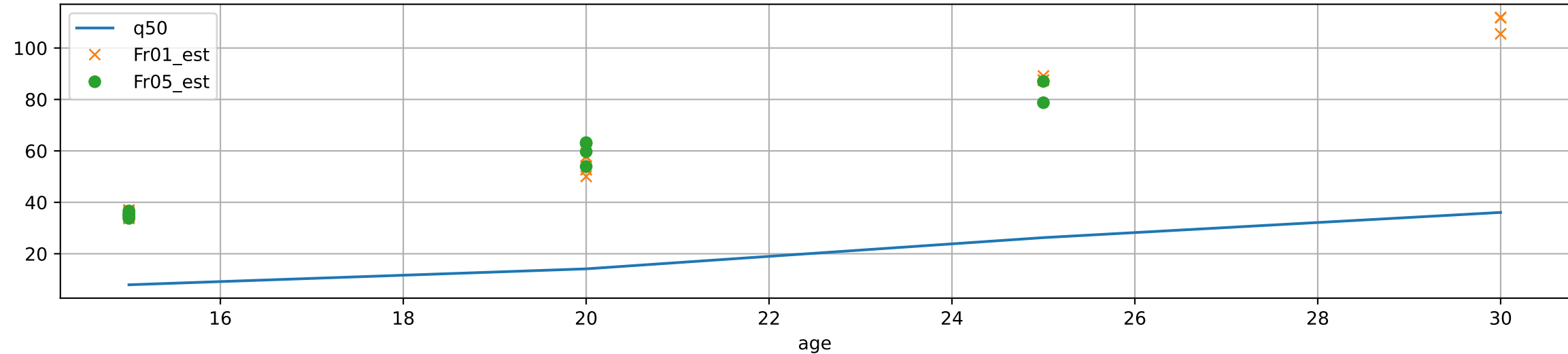
age=15



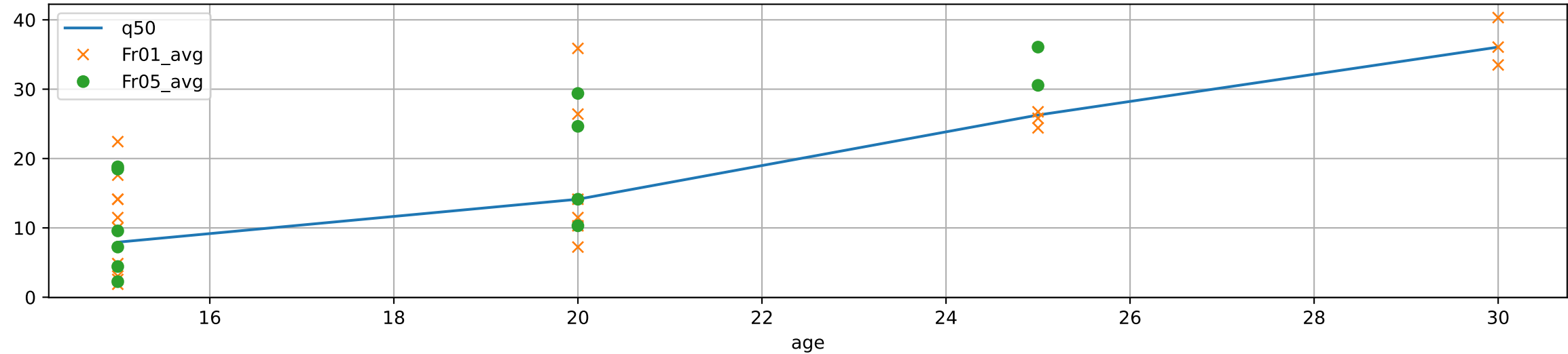
age=20

organID
age=25organID
age=30

FrV: model Est vs obsFrV at Q90

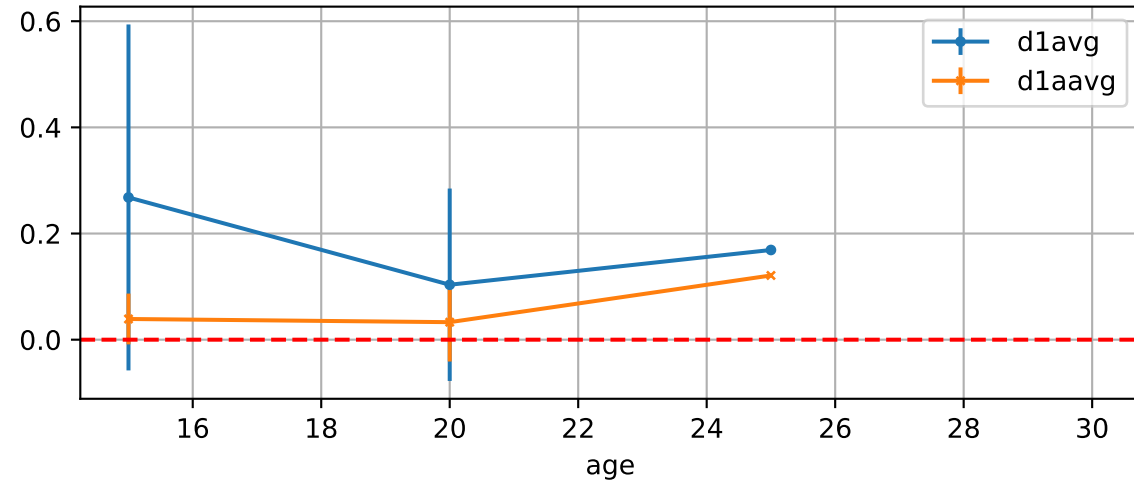


FrV: obsFrV vs obsFrV@Q90

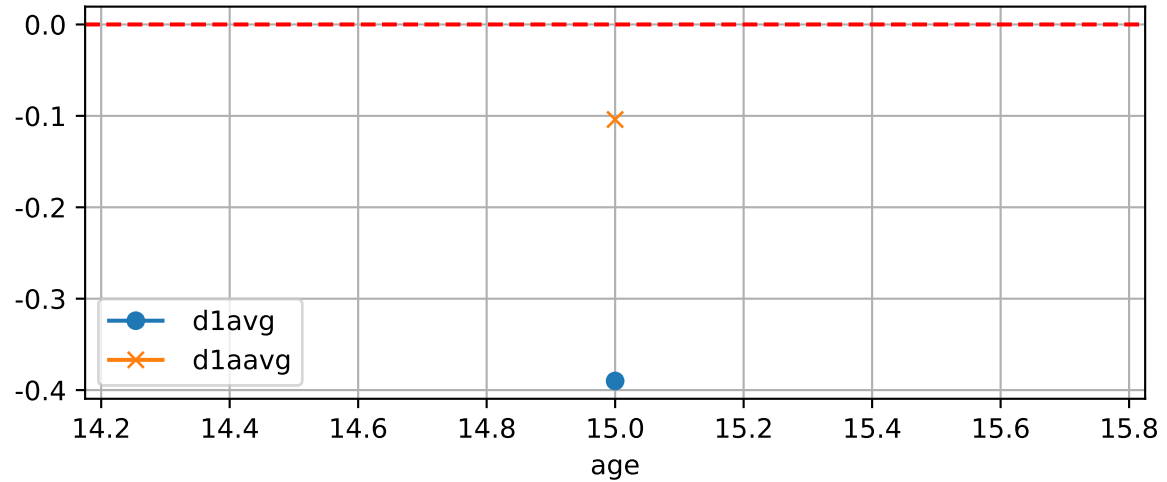


FrV: D_Fr1_FrV

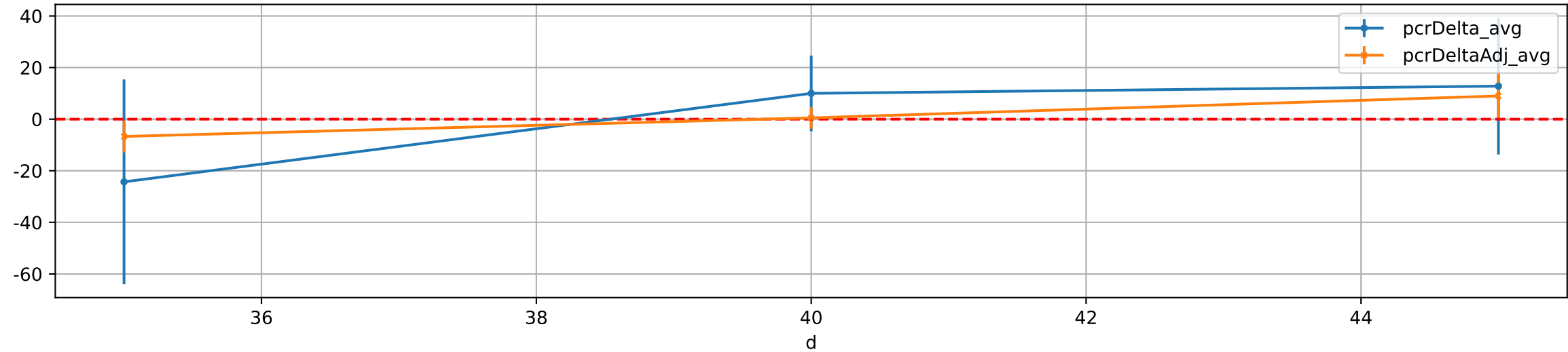
organID=1



organID=2

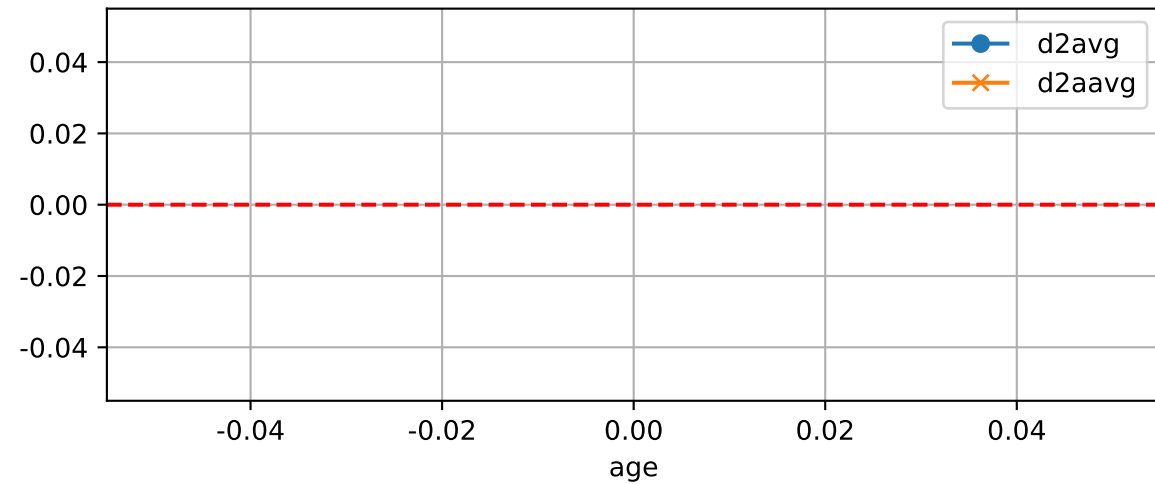


P10AE FrV: D_Fr1_FrV

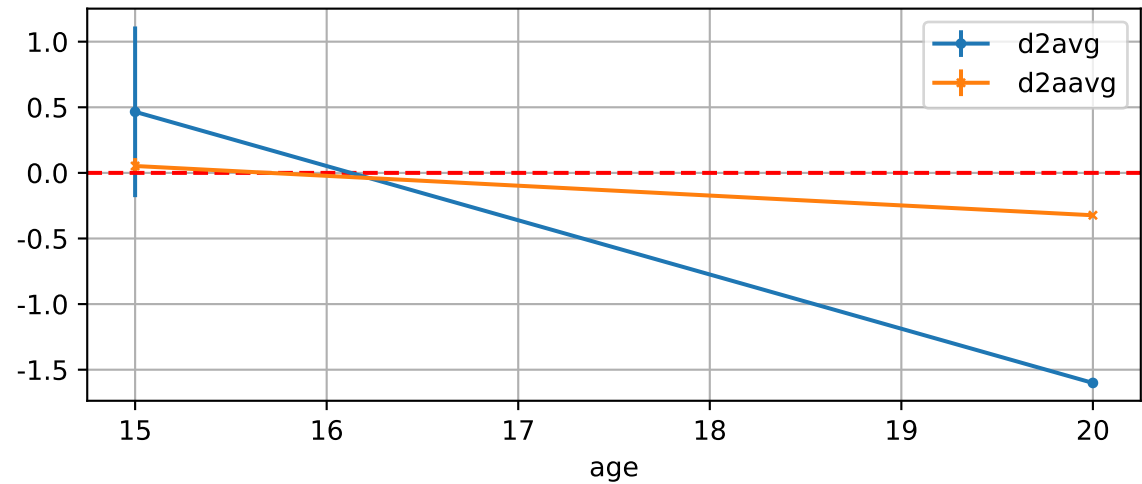


FrV: D_Ts_FrV

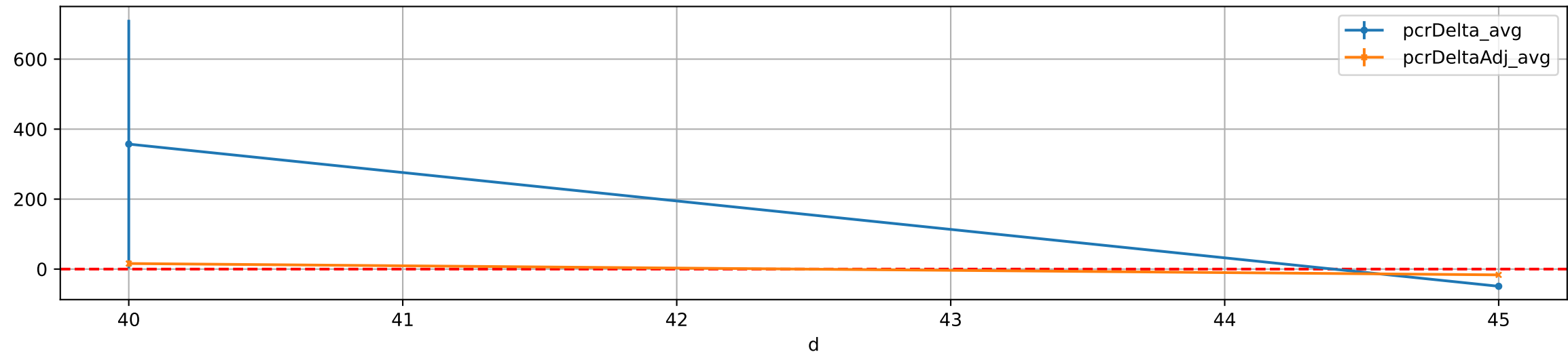
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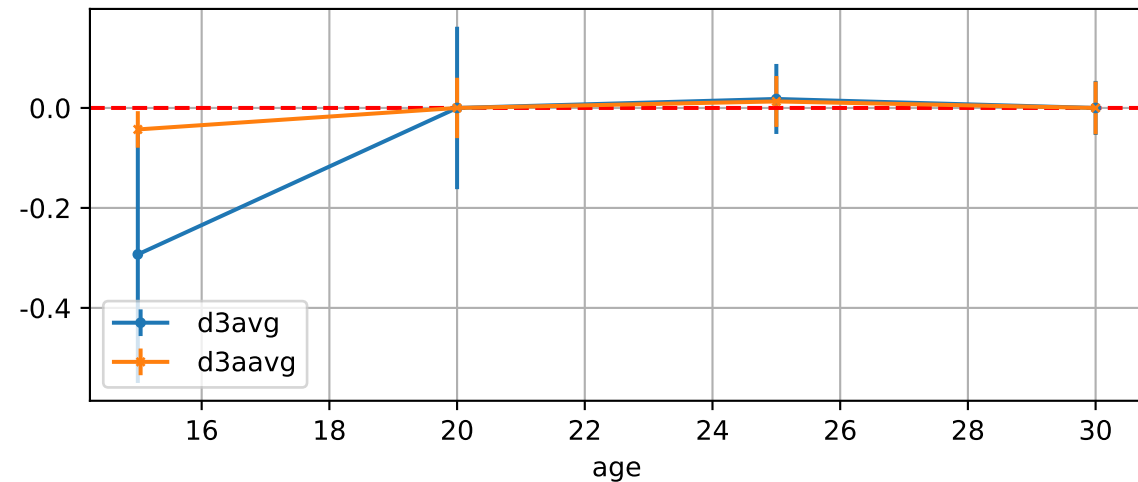


P10AE FrV: D_Ts_FrV

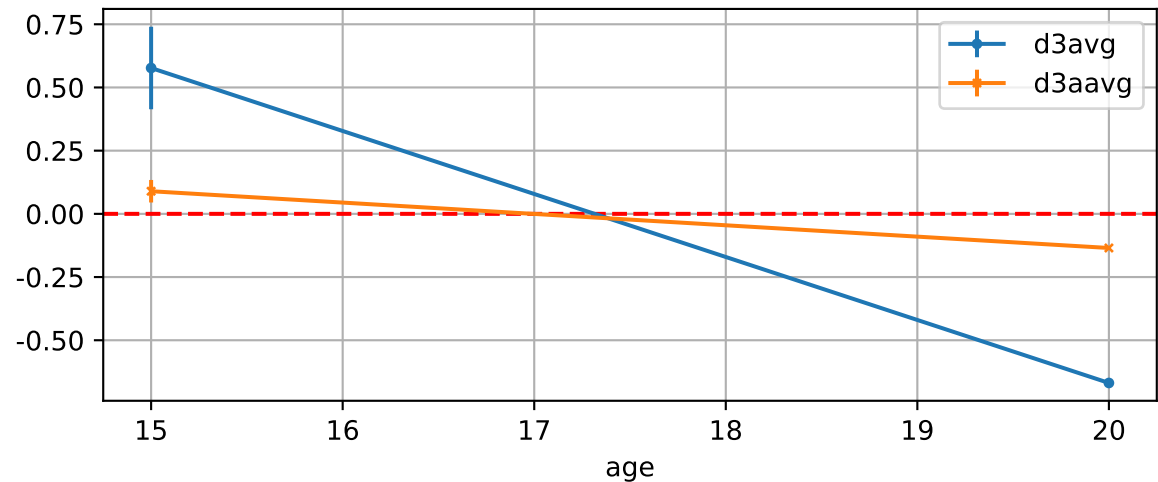


FrV: D_Q50_FrV

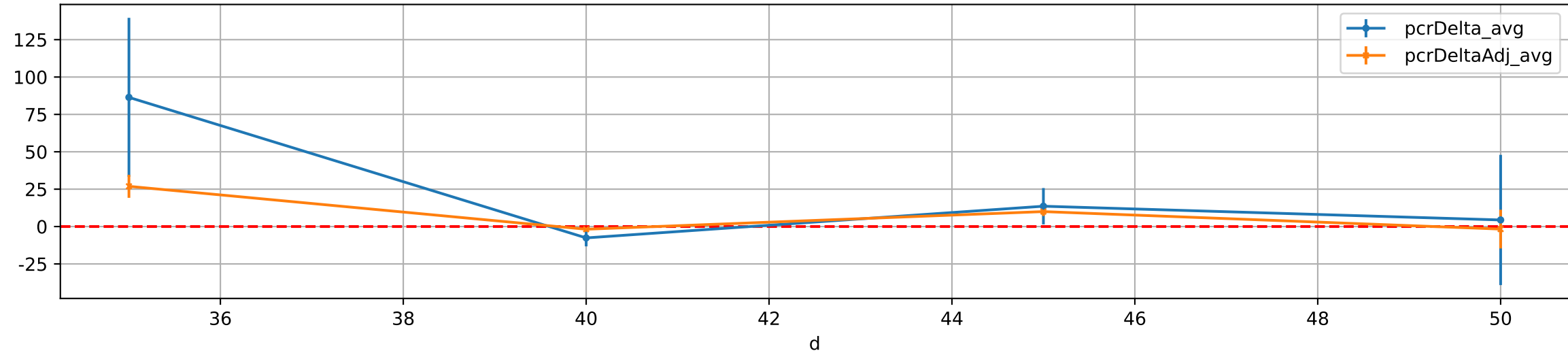
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organID=2

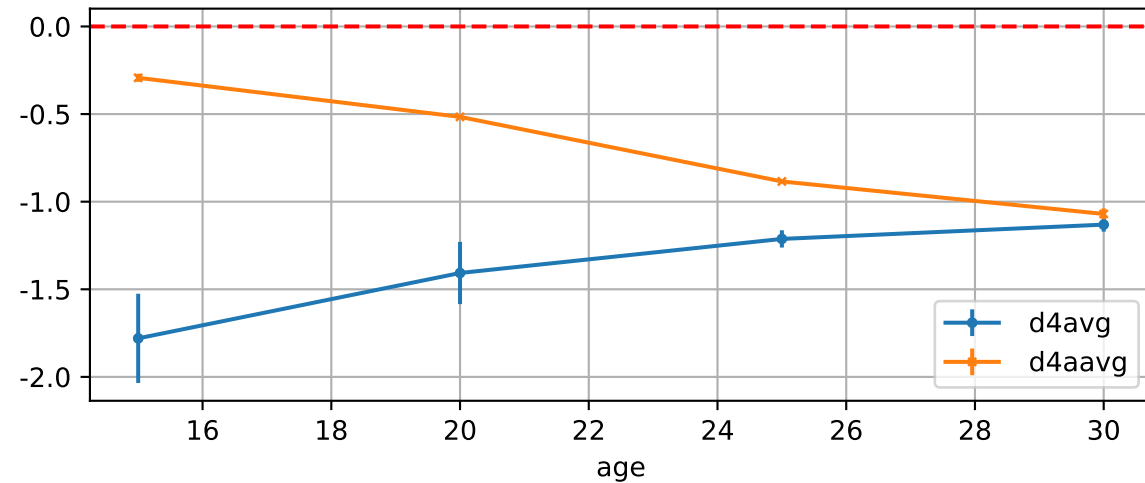


P10AE FrV: D_Q50_FrV

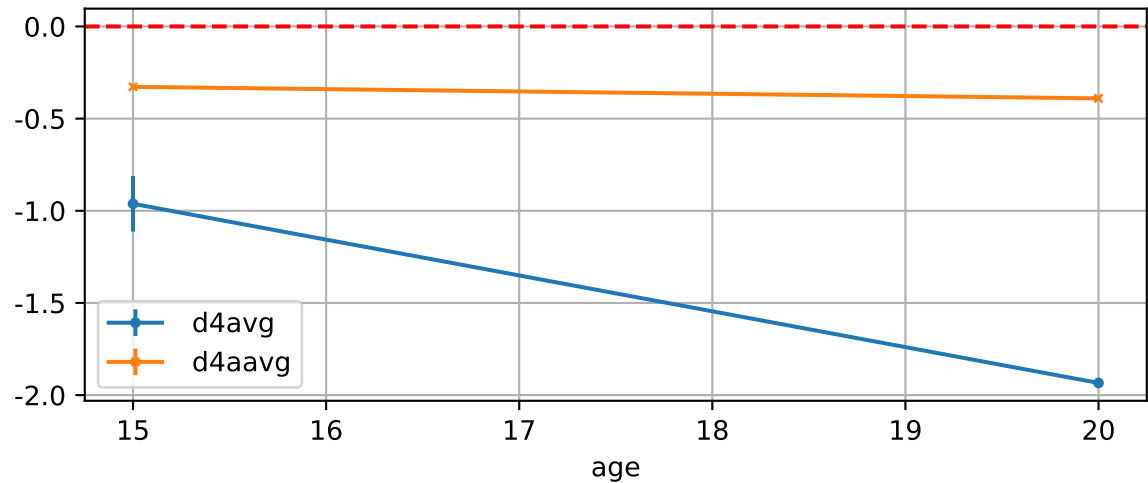


FrV: D_Est_FrV

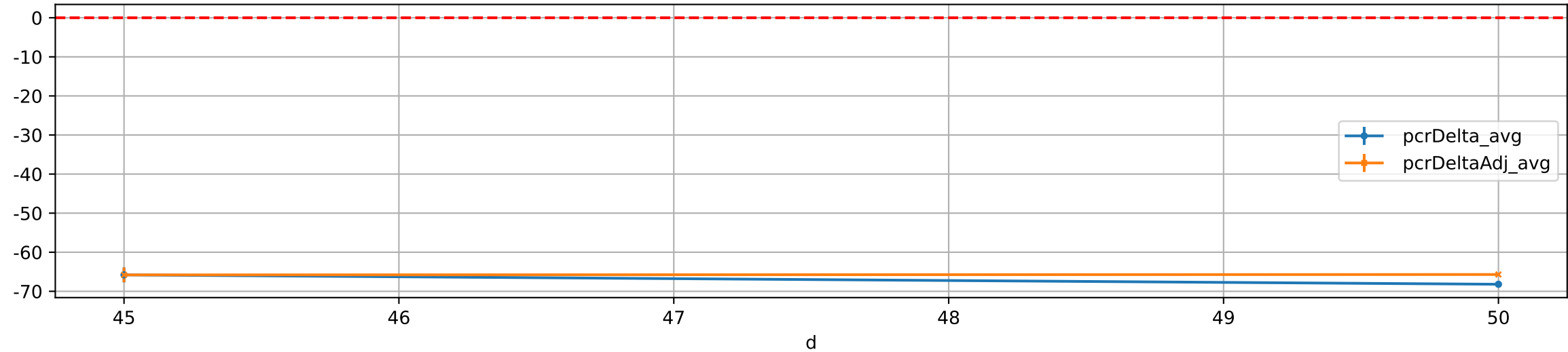
organID=1



organID=2



P10AE FrV: D_Est_FrV



P10AE FrV: sfDem

