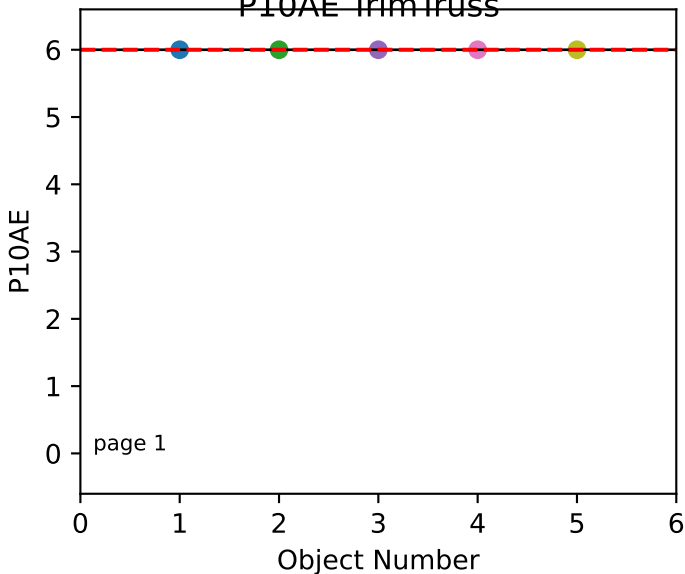


Phenotype Data Analysis Plots
PhenoData day range = 10 - 66
Analysis cutoff day = 66
NC11 P10
2025-06-06 (Day 67)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0 ~0% avg2=na

P10AE Trim Truss



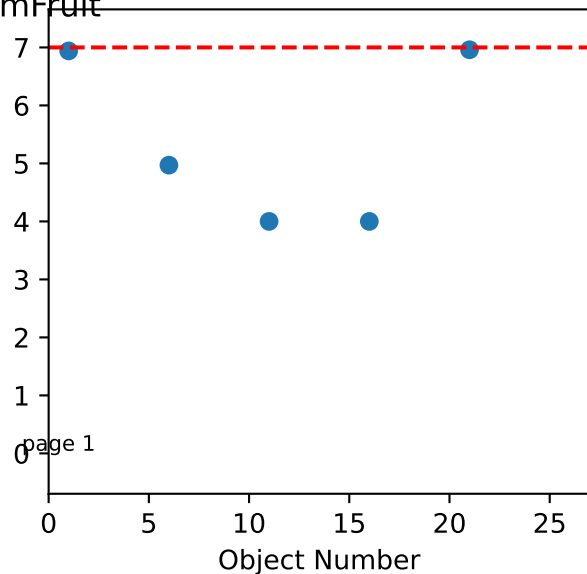
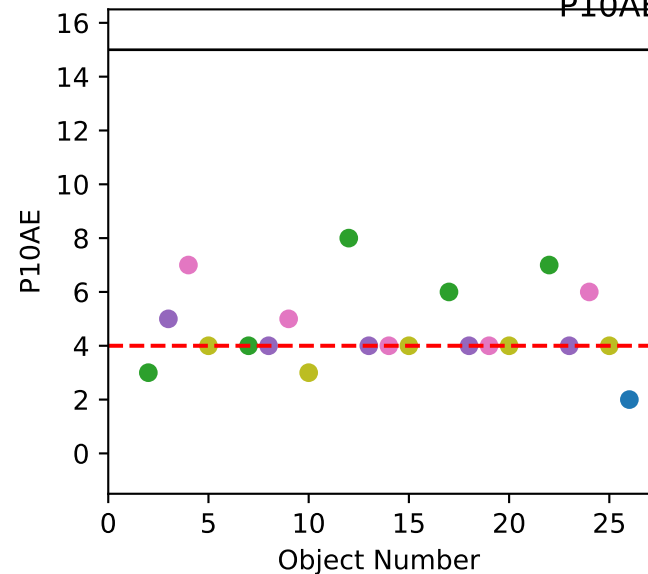
FruitNumAvgPerTruss (Def=15 Set=4)

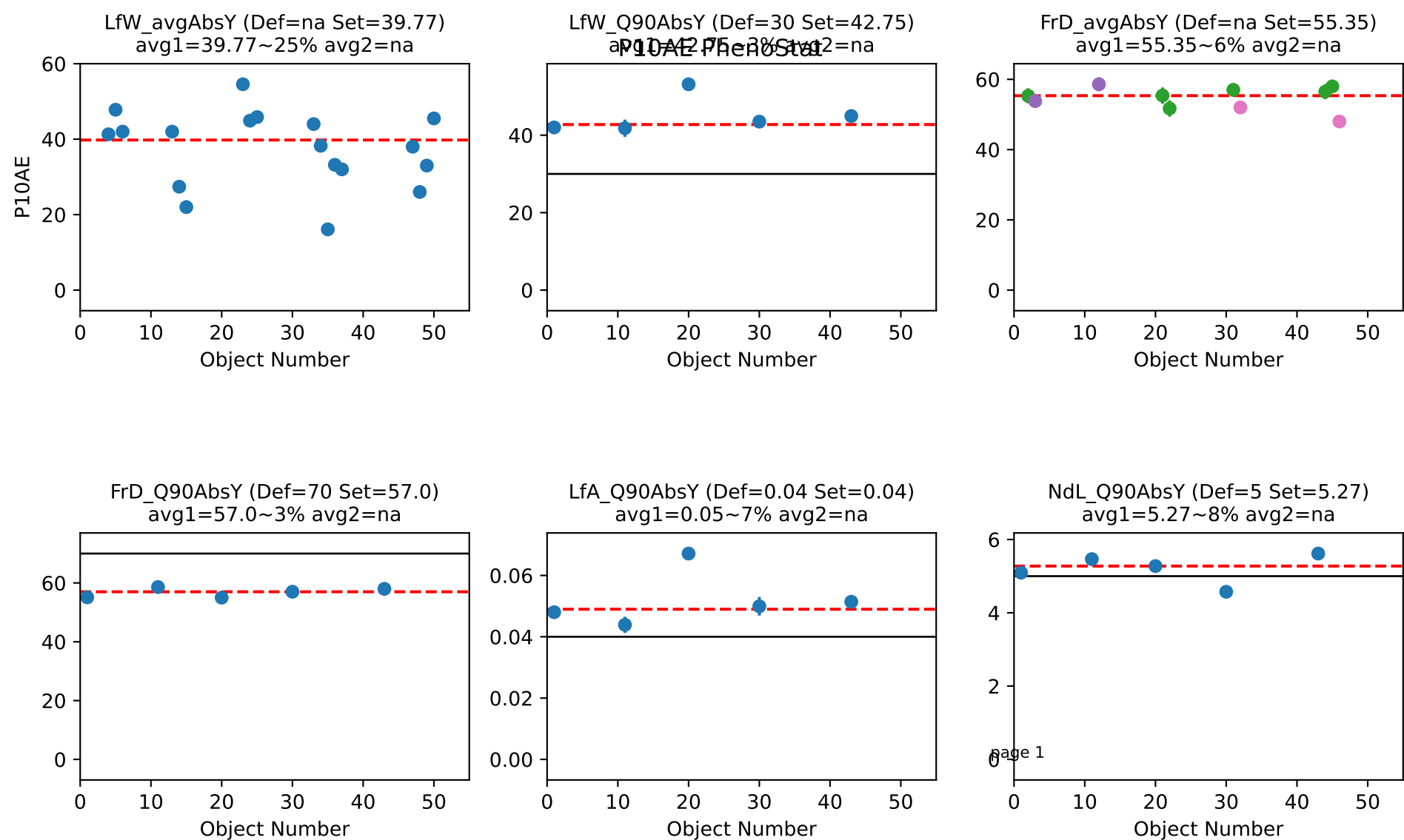
avg1=4.0~21% avg2=na

P10AE TrimFruit

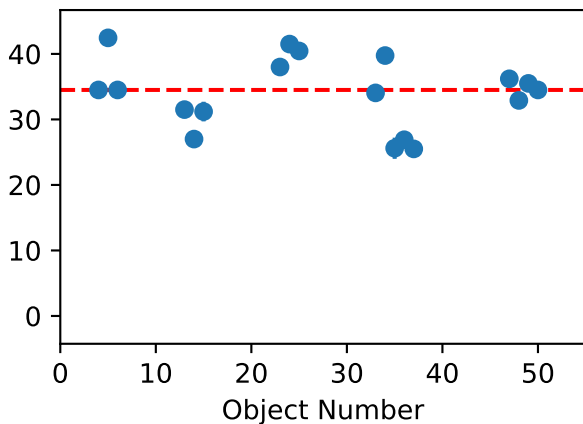
FruitNumMaxPerTruss (Def=na Set=7)

avg1=7.0~21% avg2=na

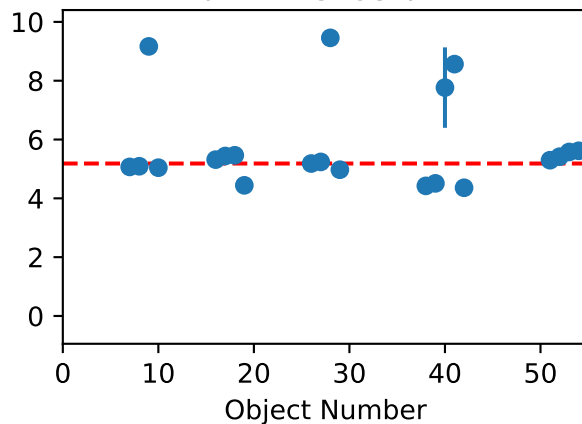




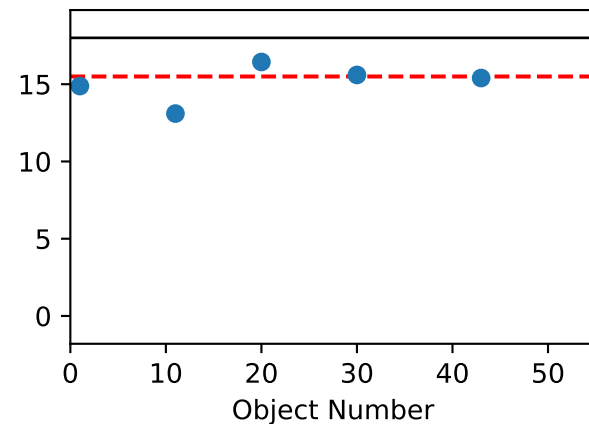
LfL_avgAbsY (Def=na Set=34.5)
avg1=34.5~15% avg2=na



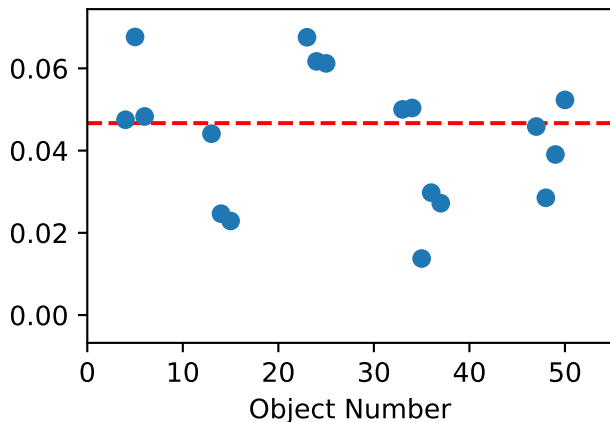
NdL_avgAbsY (Def=na Set=5.18)
avg1=5.18~8% avg2=na



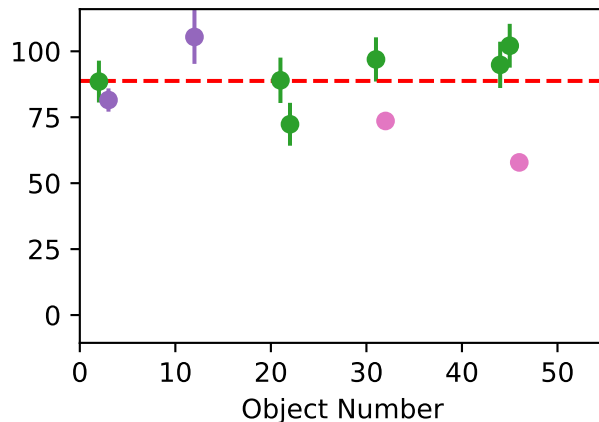
NdD_Q90AbsY (Def=18 Set=15.5)
avg1=15.5~4% avg2=na



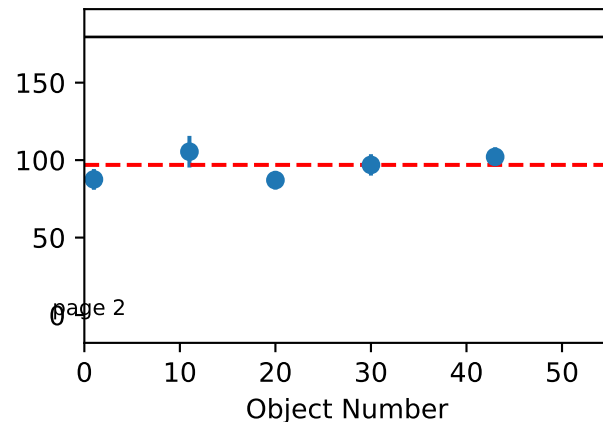
LfA_avgAbsY (Def=na Set=0.05)
avg1=0.05~34% avg2=na



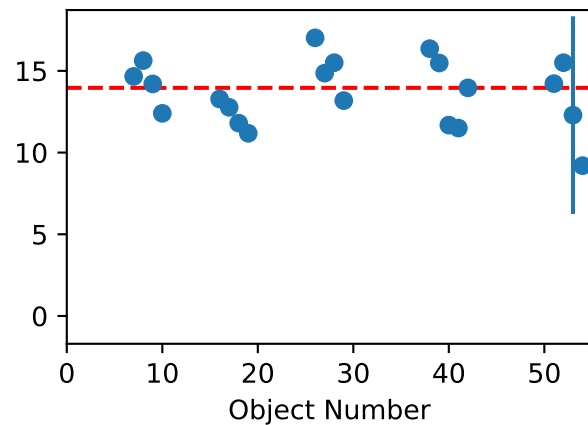
FrV_avgAbsY (Def=na Set=88.76)
avg1=88.76~17% avg2=na



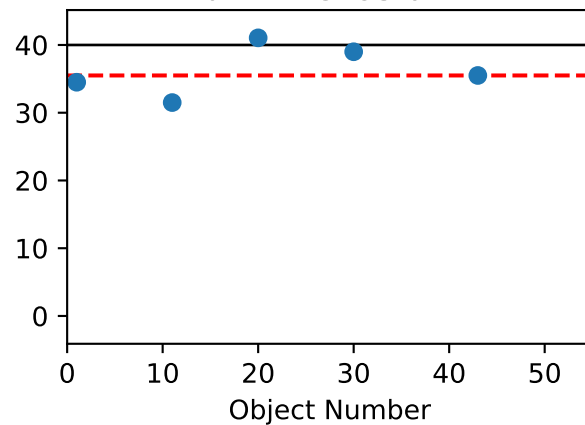
FrV_Q90AbsY (Def=179.5 Set=96.92)
avg1=96.92~9% avg2=na



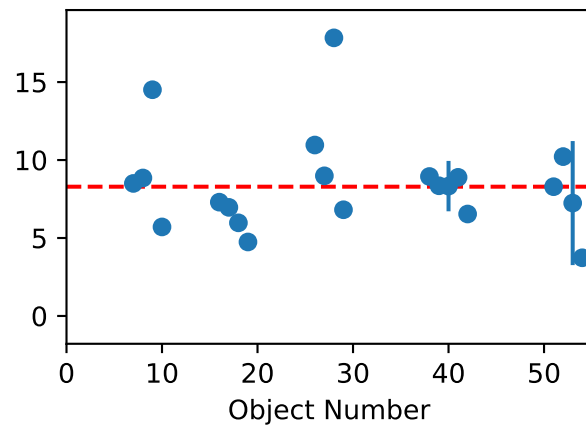
NdD_avgAbsY (Def=na Set=13.96)
avg1=13.96~14% avg2=na



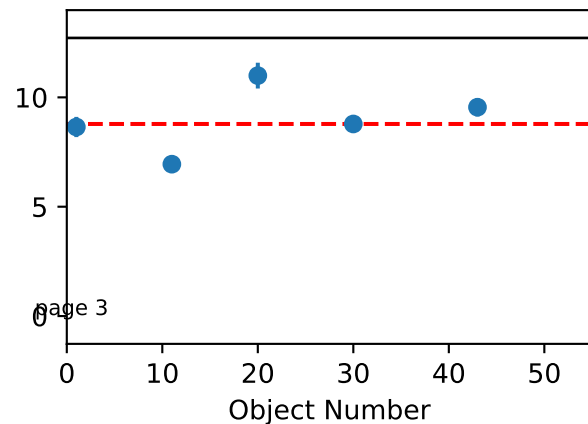
LfL_Q90AbsY (Def=40 Set=35.5)
avg1=35.5~11% avg2=na



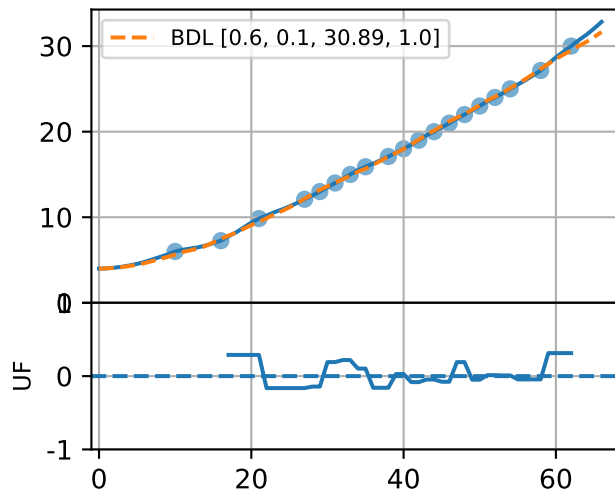
NdV_avgAbsY (Def=na Set=8.29)
avg1=8.29~22% avg2=na



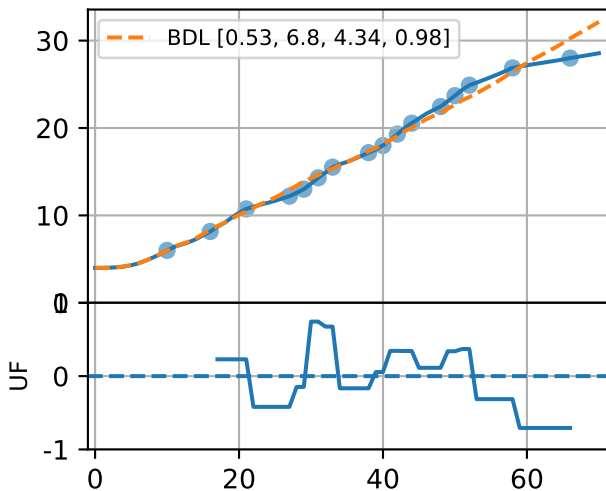
NdV_Q90AbsY (Def=12.72 Set=12.72)
avg1=8.78~6% avg2=na



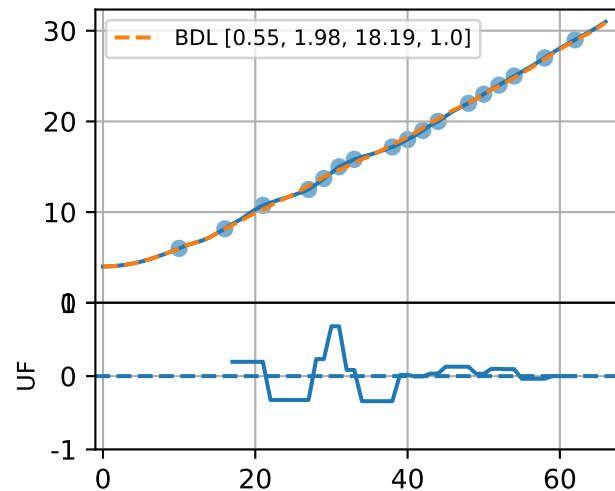
P10AE-063-19 (fit failed)



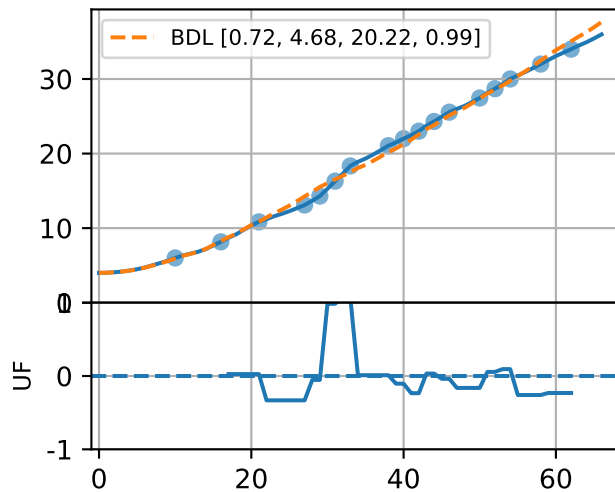
P10AE-076-15 (fit failed)



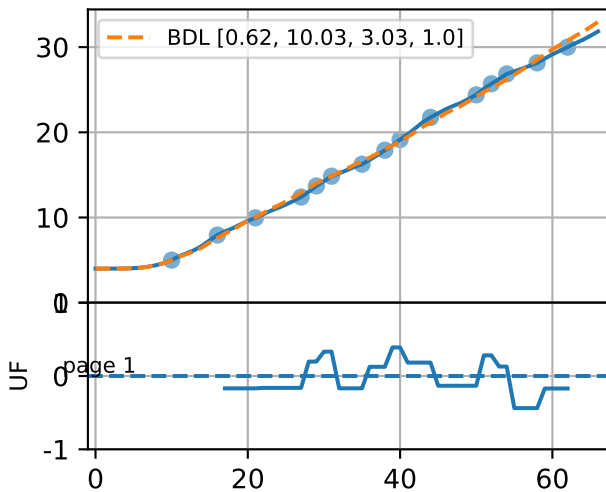
P10AE-089-22 (fit failed)



P10AE-103-17 (fit failed)



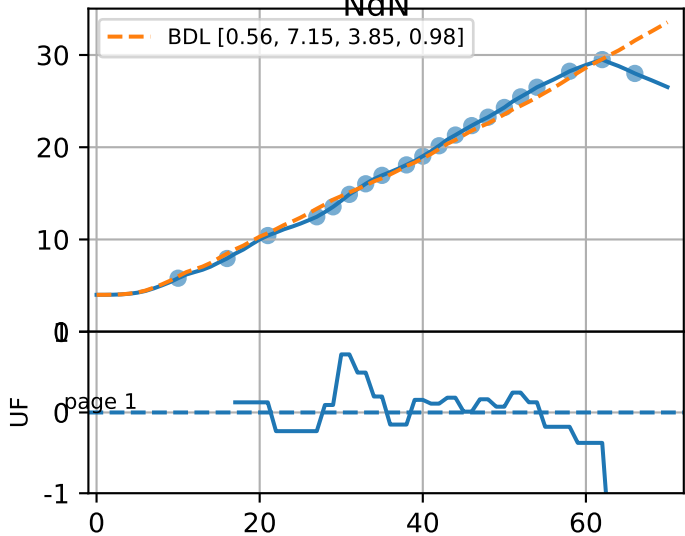
P10AE-116-21 (fit failed)



P10AEavg (fit failed)

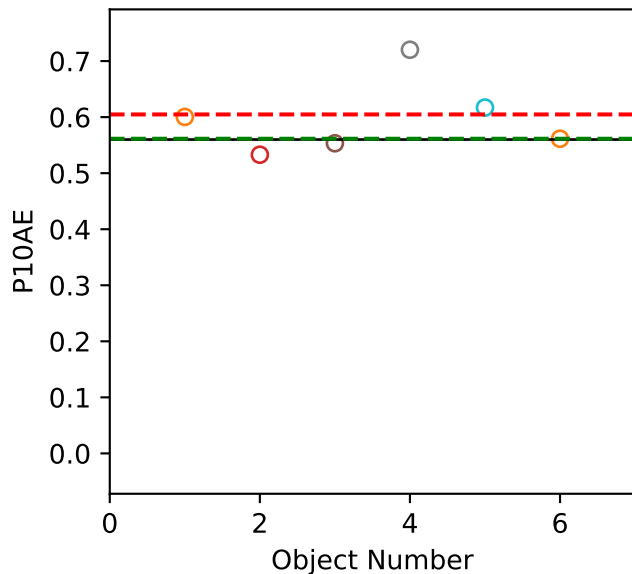
NaN

BDL [0.56, 7.15, 3.85, 0.98]

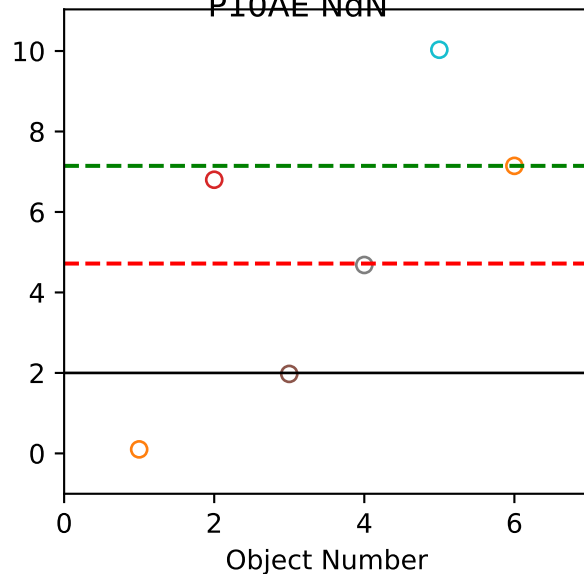


page 1

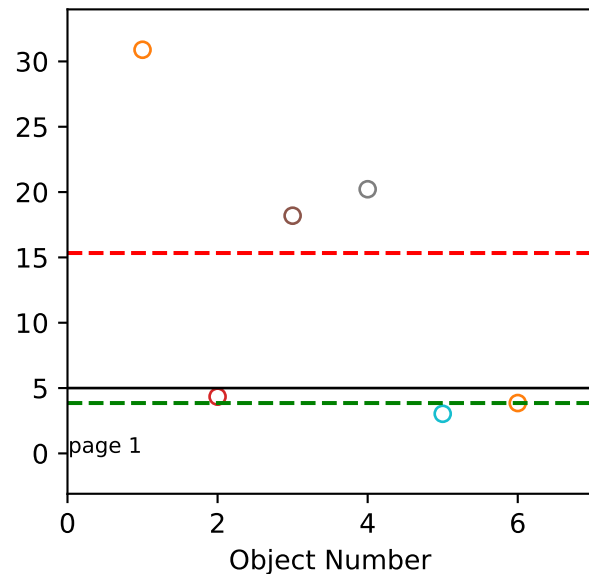
a (Def=0.56 Set=0.56)
avg1=0.6(fail) avg2=0.56



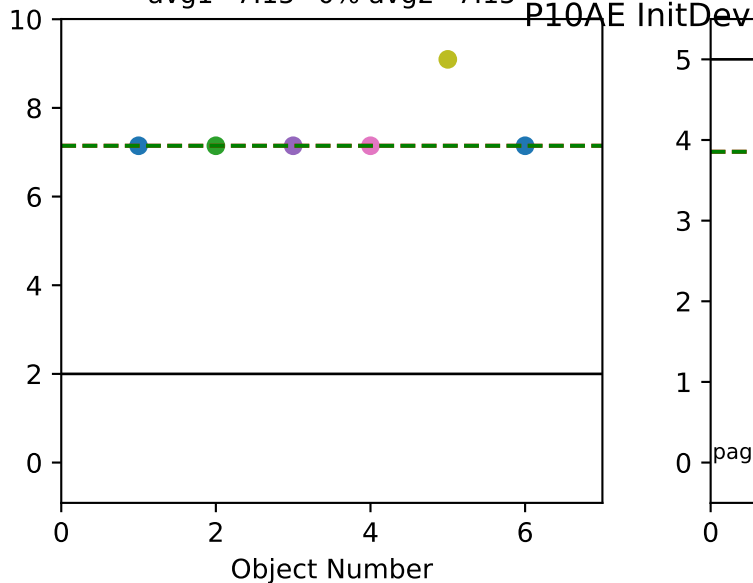
dm (Def=2 Set=7.15)
avg1=4.72(fail) avg2=7.15



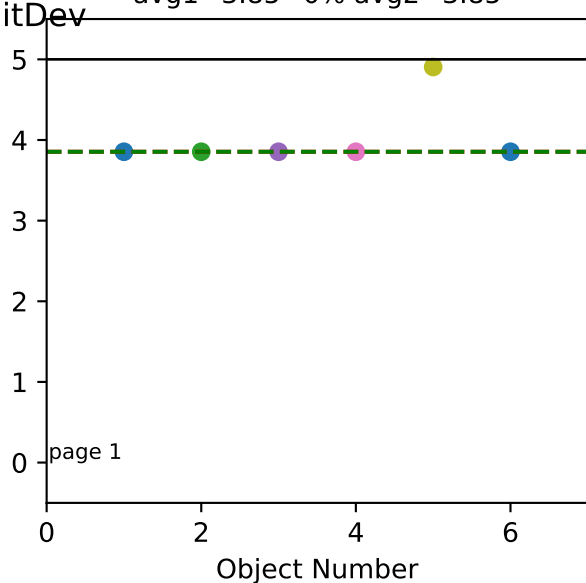
de (Def=5 Set=3.85)
avg1=15.34(fail) avg2=3.85



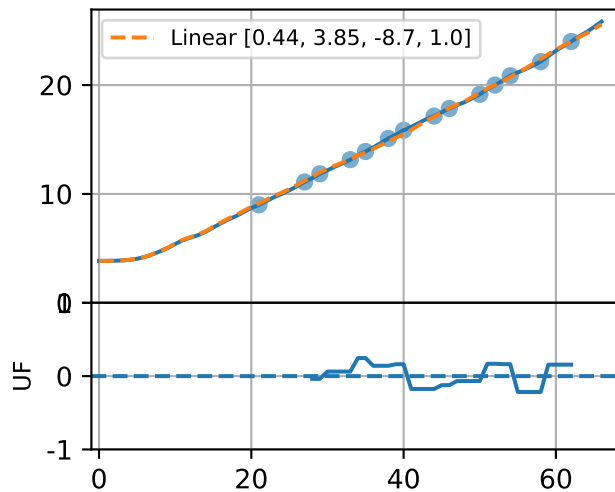
InitDev_dm (Def=2 Set=7.15)
avg1=7.15~0% avg2=7.15



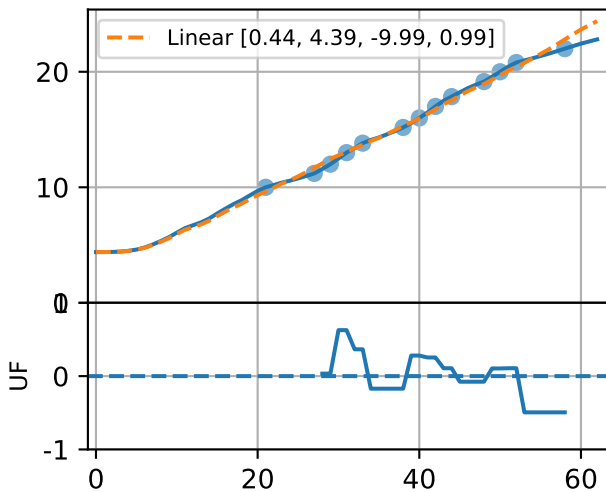
InitDev_de (Def=5 Set=3.85)
avg1=3.85~0% avg2=3.85



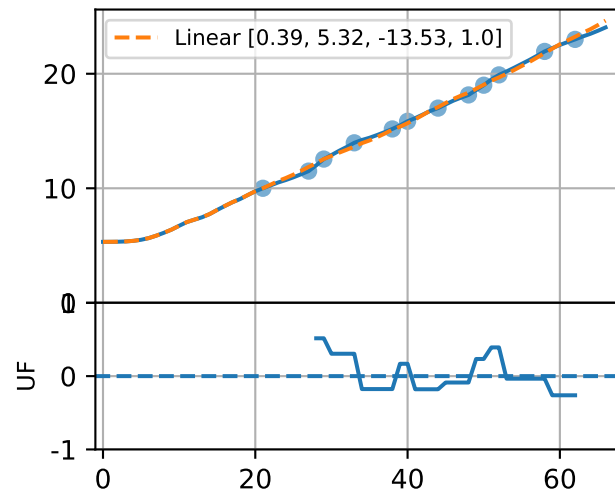
P10AE-063-19



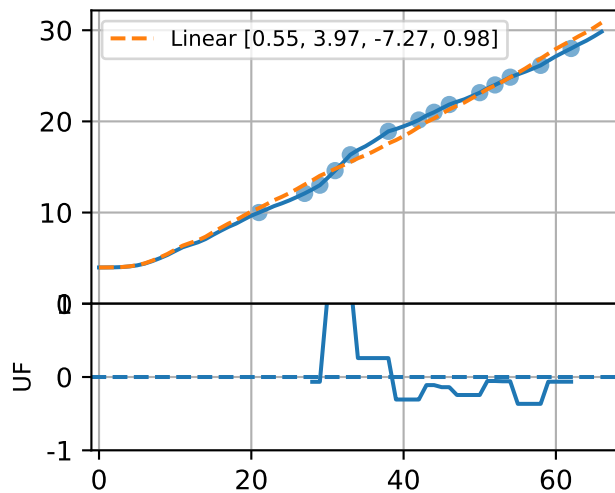
P10AE-076-5



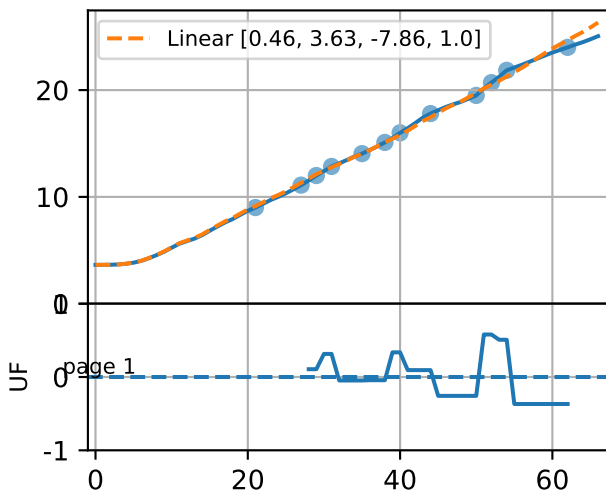
P10AE-089-22



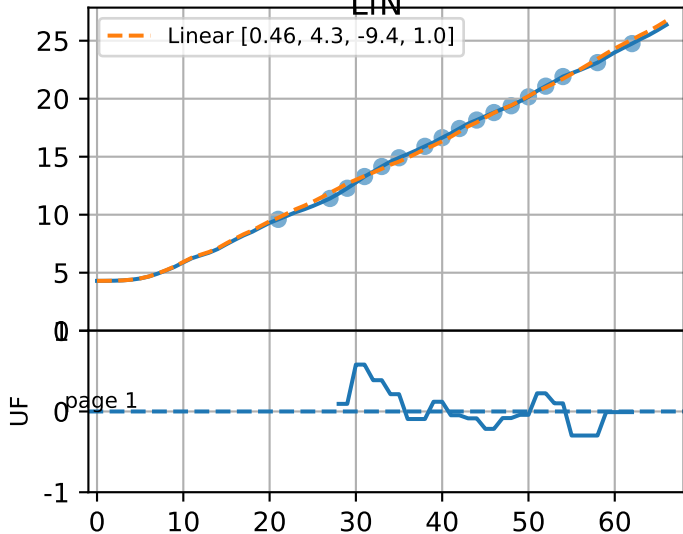
P10AE-103-17

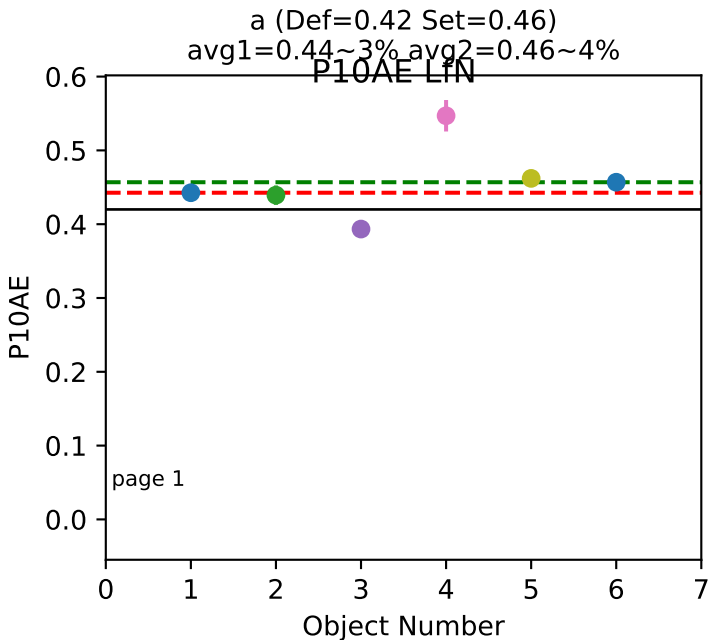


P10AE-116-21

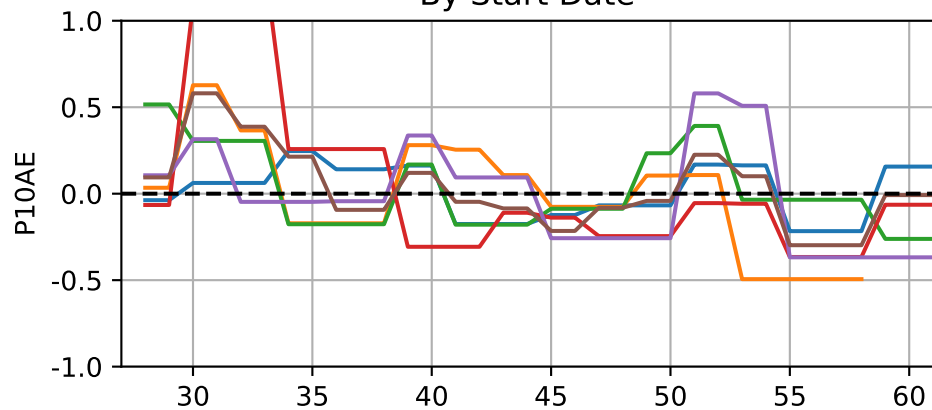


P10AEavg
Lfn

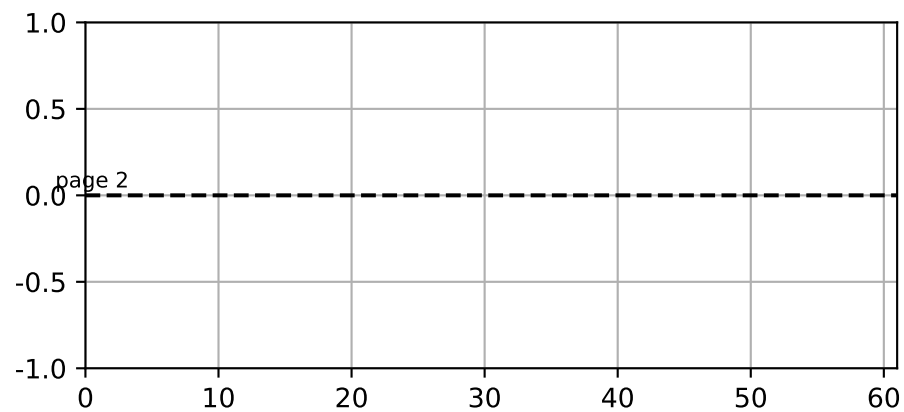
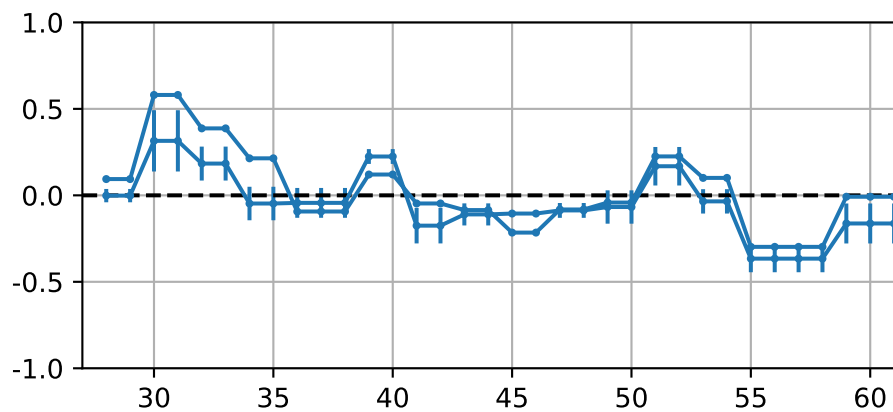
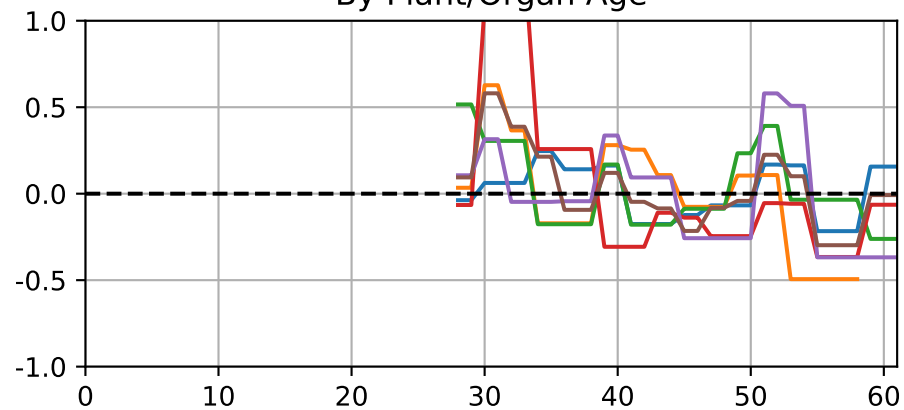




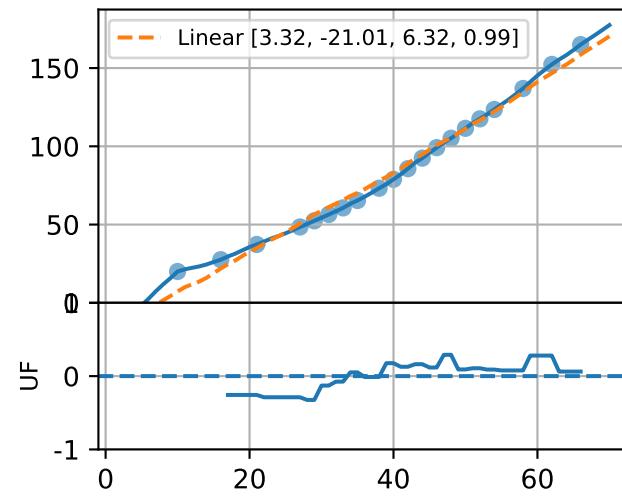
By Start Date



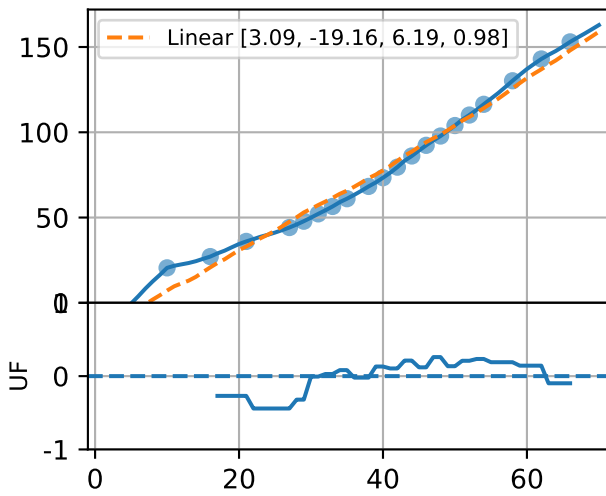
By Plant/Organ Age



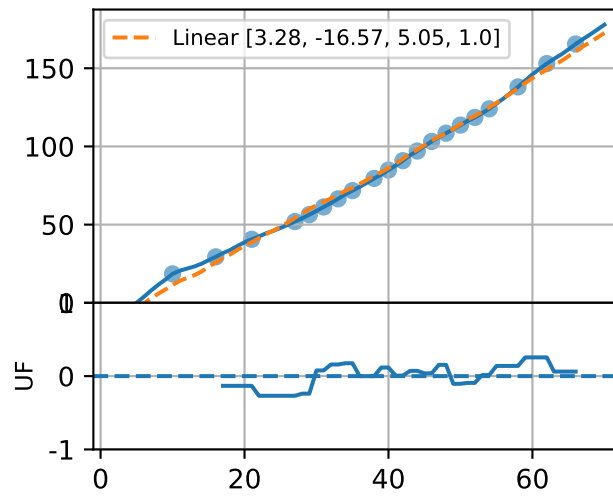
P10AE-063-19



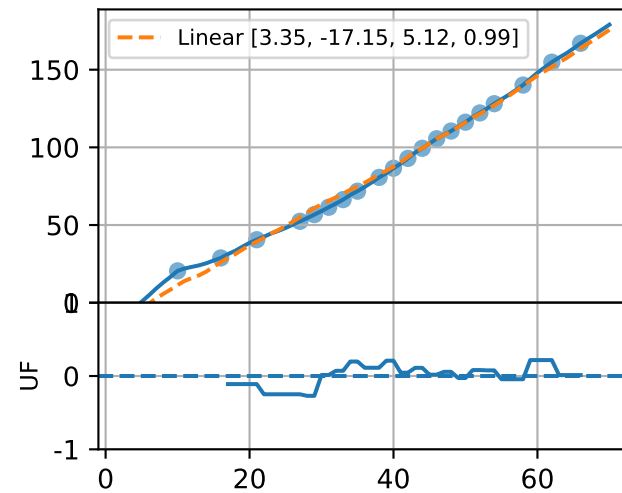
P10AE-076-5



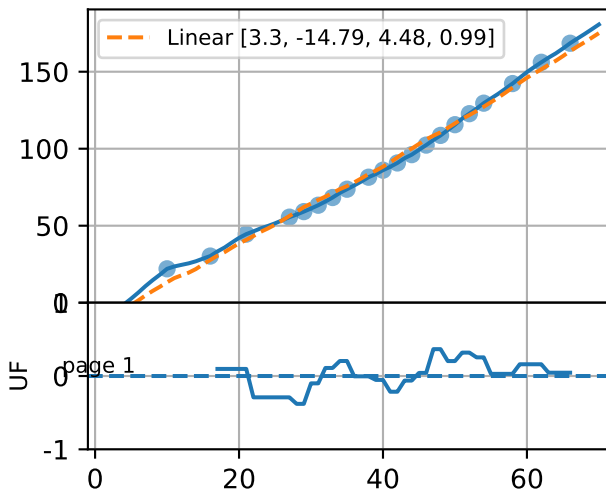
P10AE-089-22



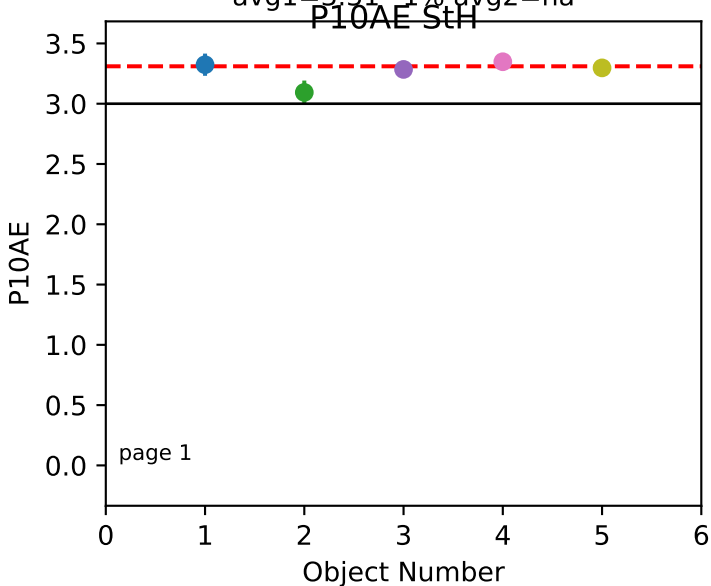
P10AE-103-17



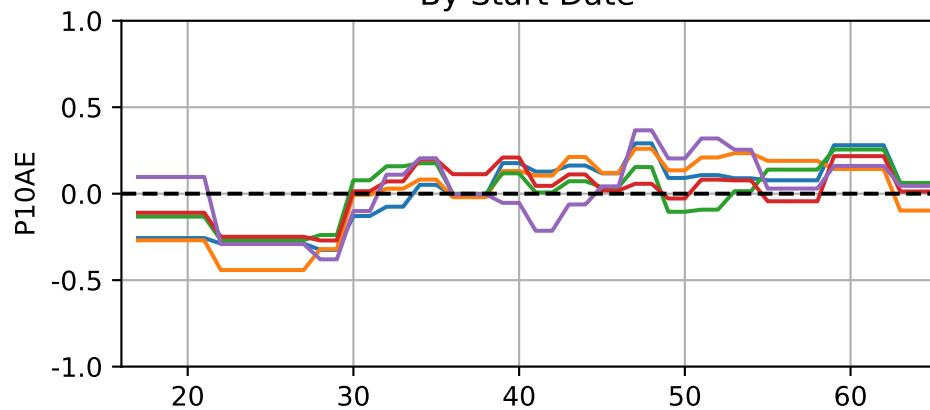
P10AE-116-21



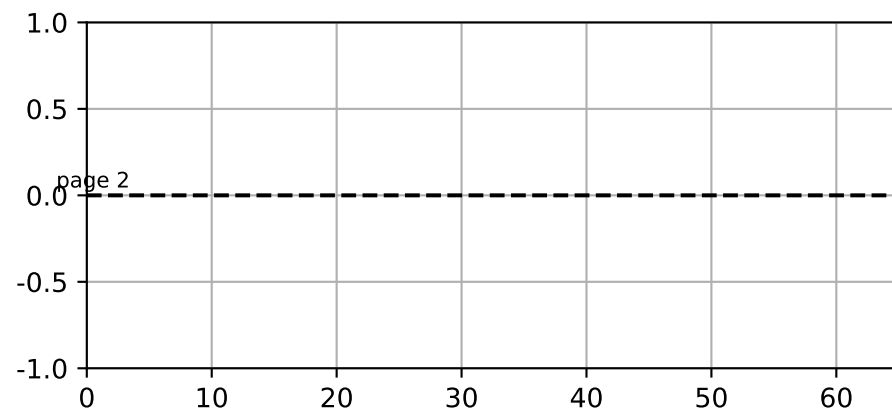
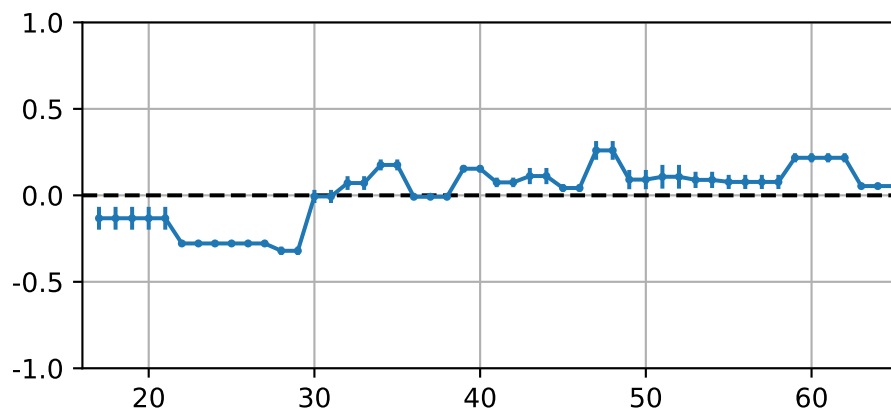
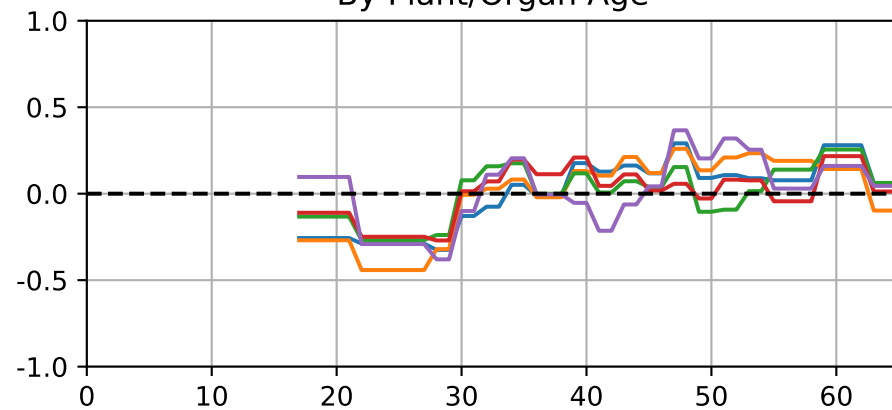
a (Def=3 Set=3.31)
avg1=3.31~1% avg2=na



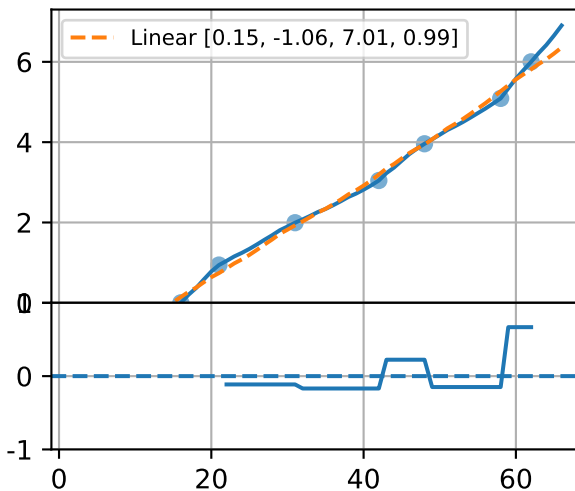
By Start Date



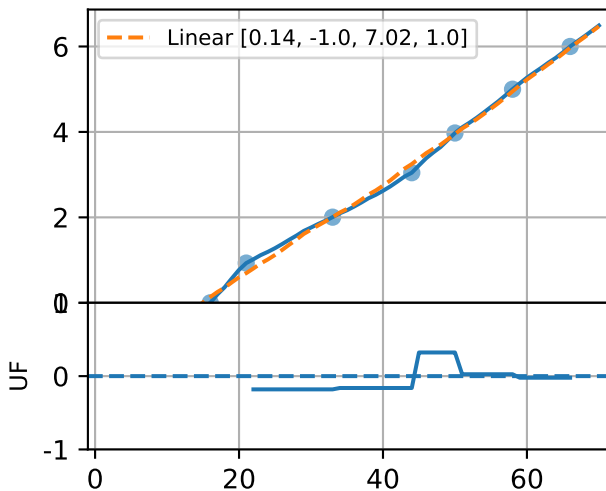
By Plant/Organ Age



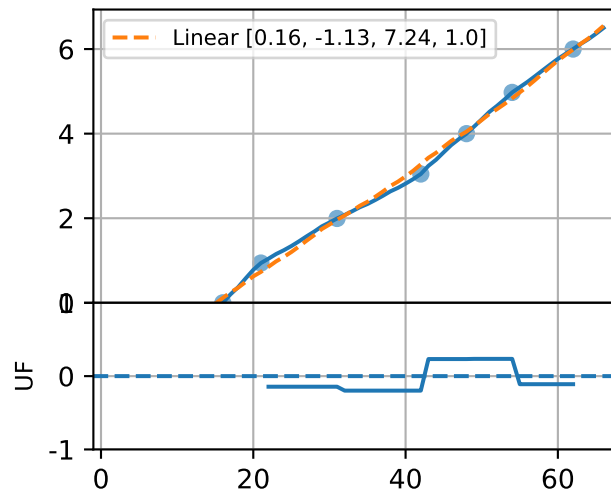
P10AE-063-19



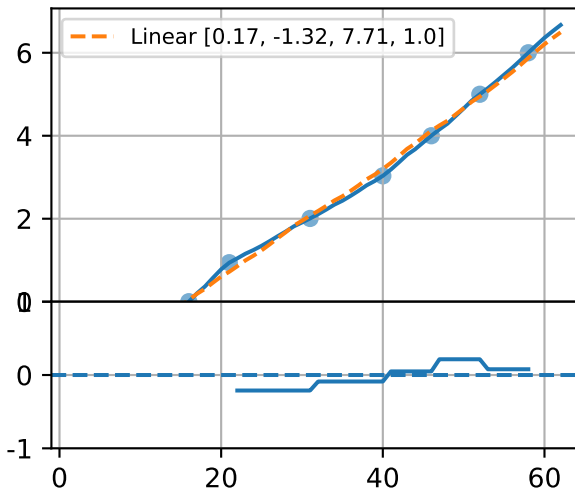
P10AE-076-5



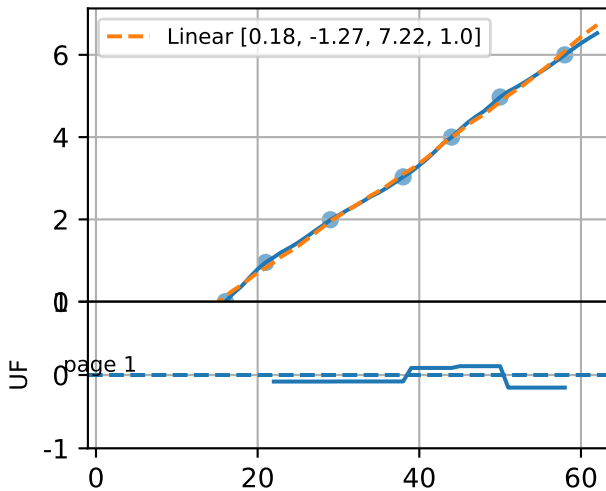
P10AE-089-22



P10AE-103-17



P10AE-116-21

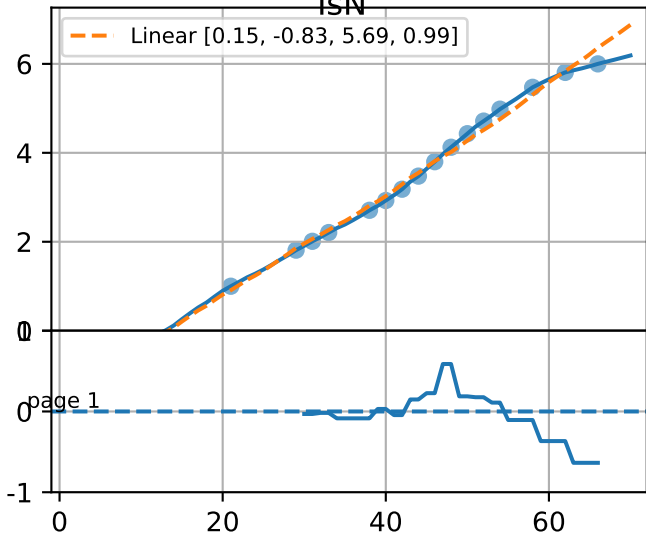


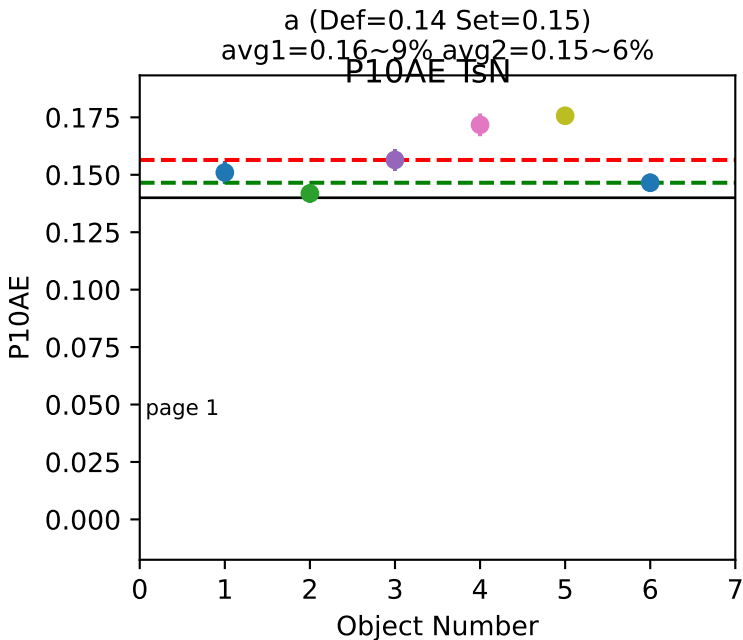
P10AEavg
TSN

Linear [0.15, -0.83, 5.69, 0.99]

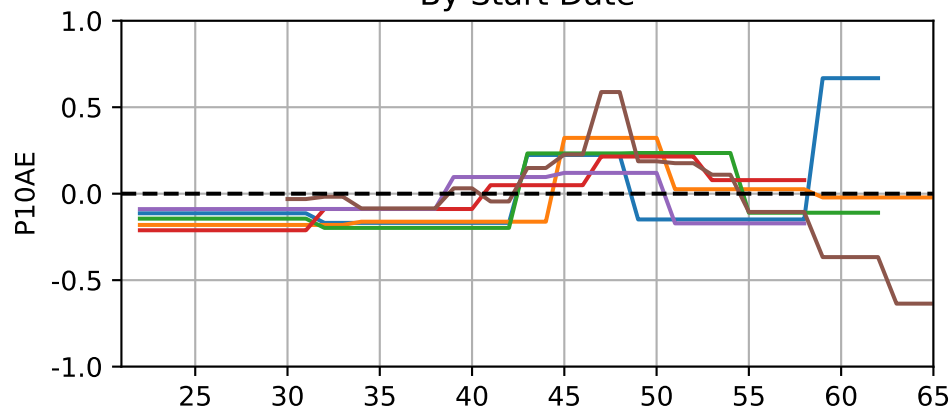
UF

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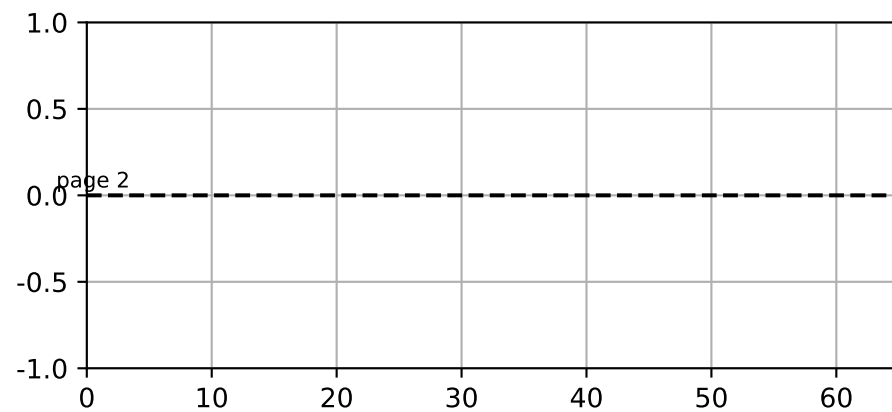
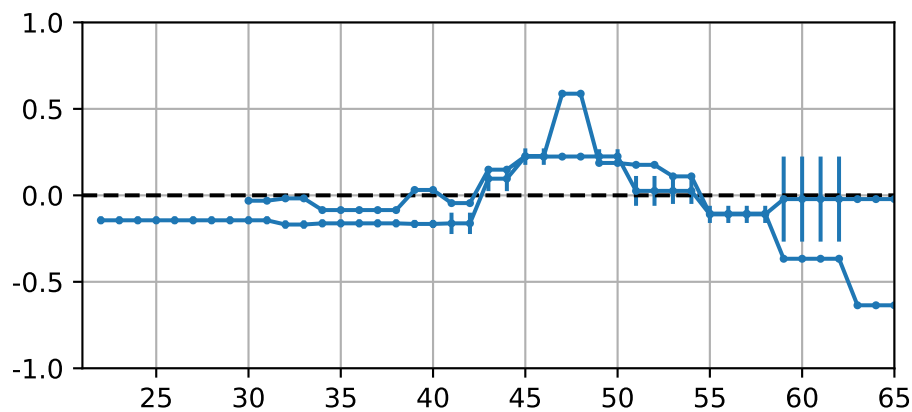
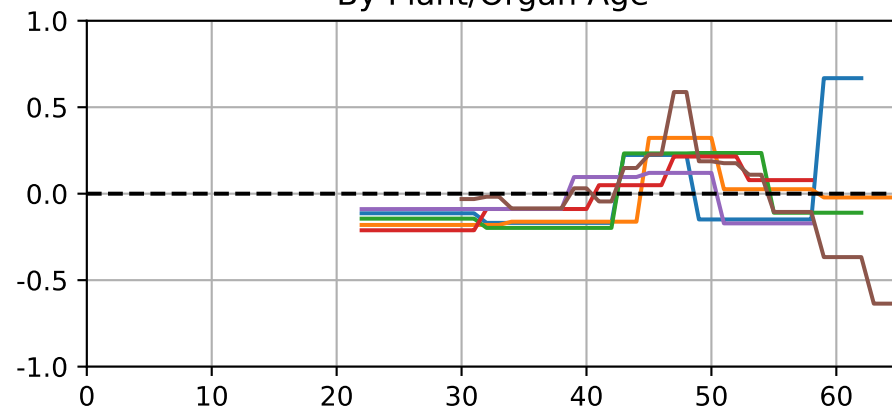




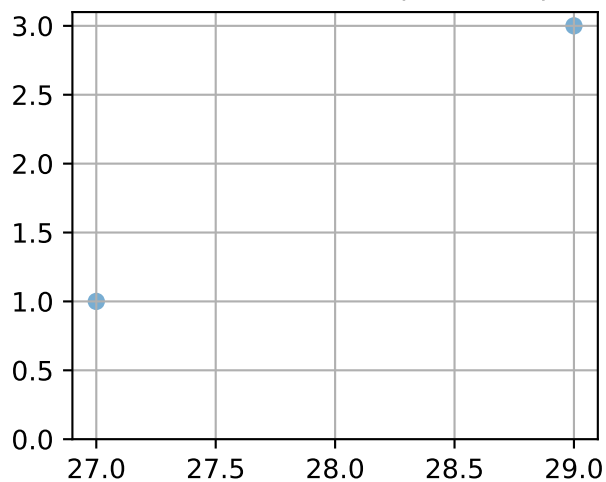
By Start Date



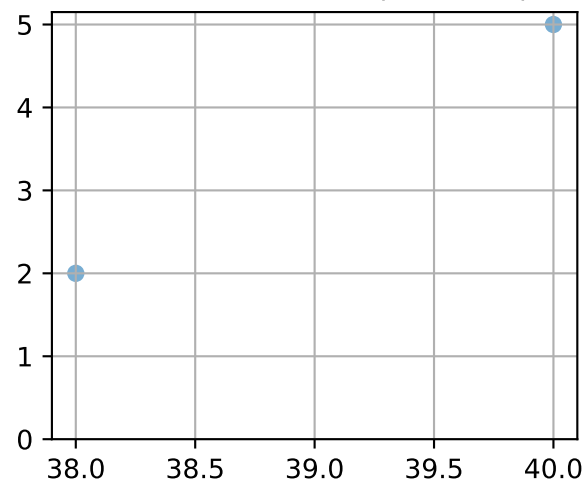
By Plant/Organ Age



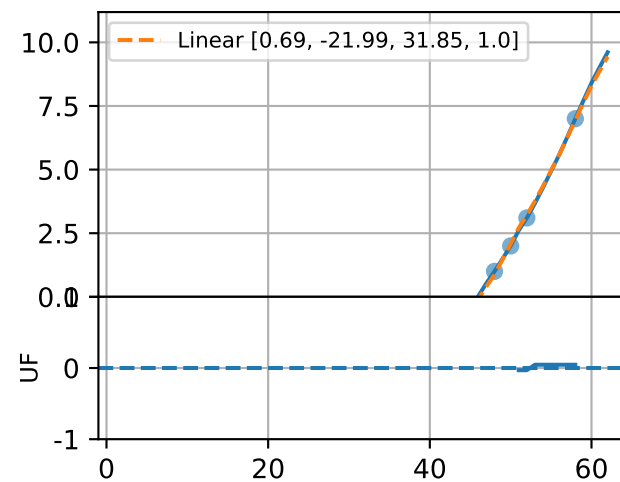
P10AE-063-19T1 (fit failed)



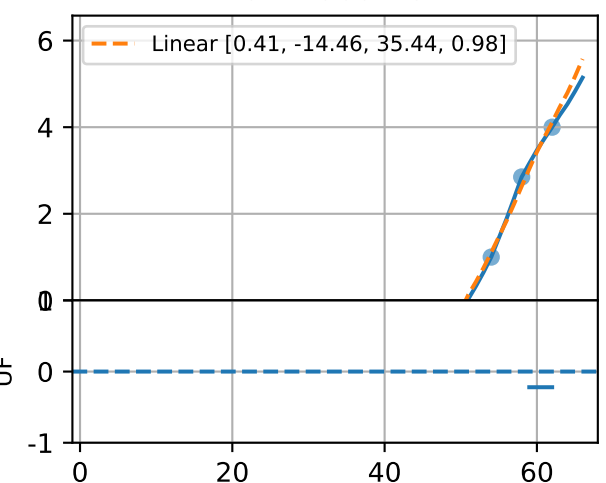
P10AE-063-19T2 (fit failed)



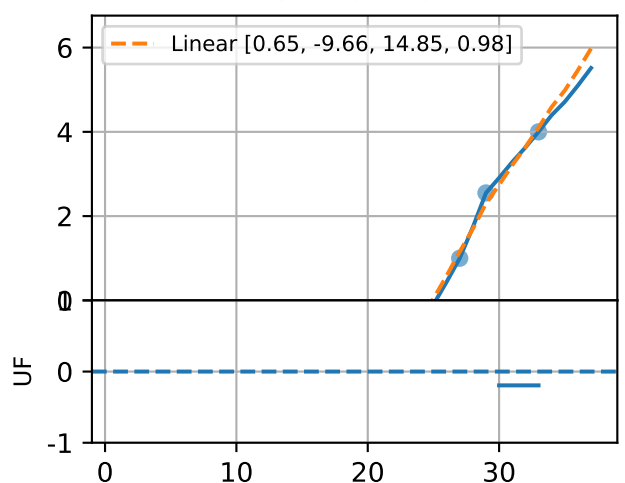
P10AE-063-19T3



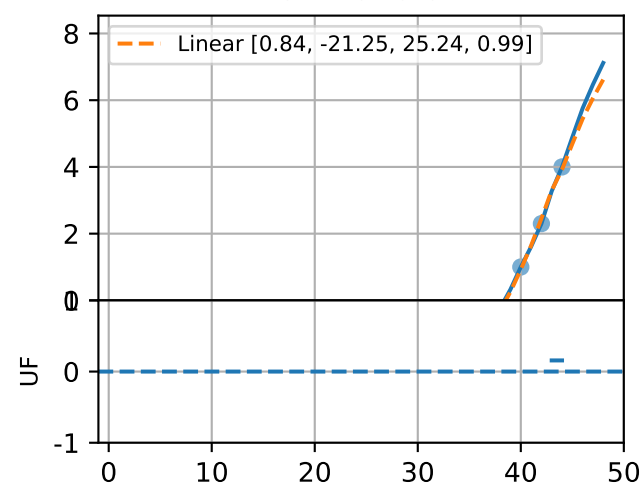
P10AE-063-19T4



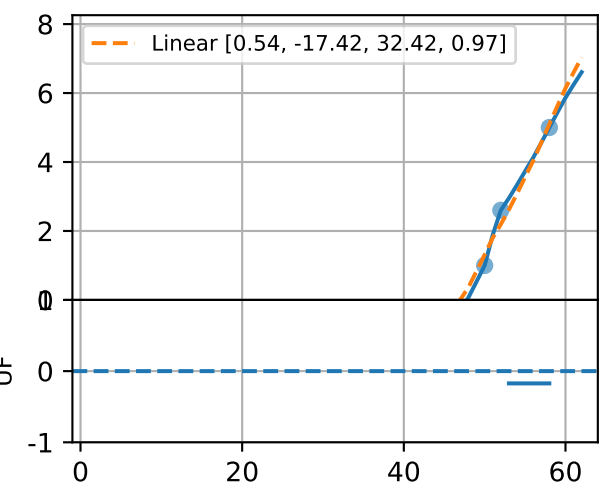
P10AE-076-5T1



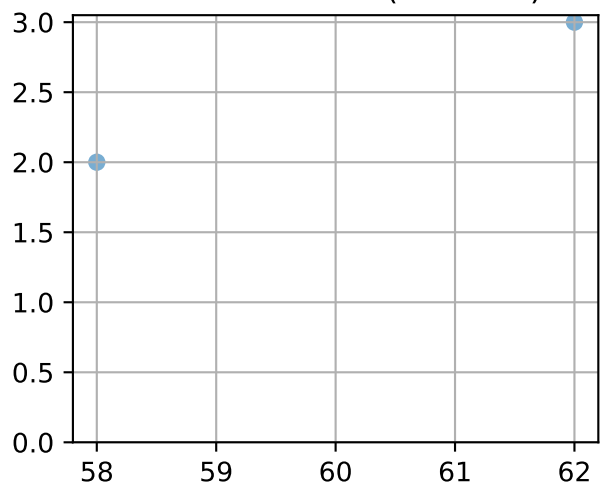
P10AE-076-5T2



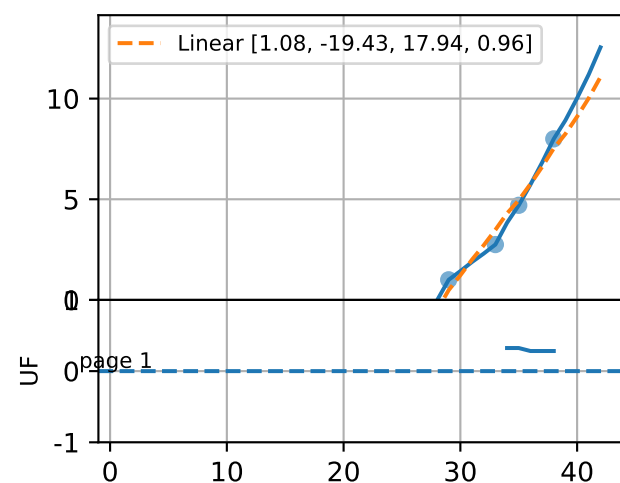
P10AE-076-5T3

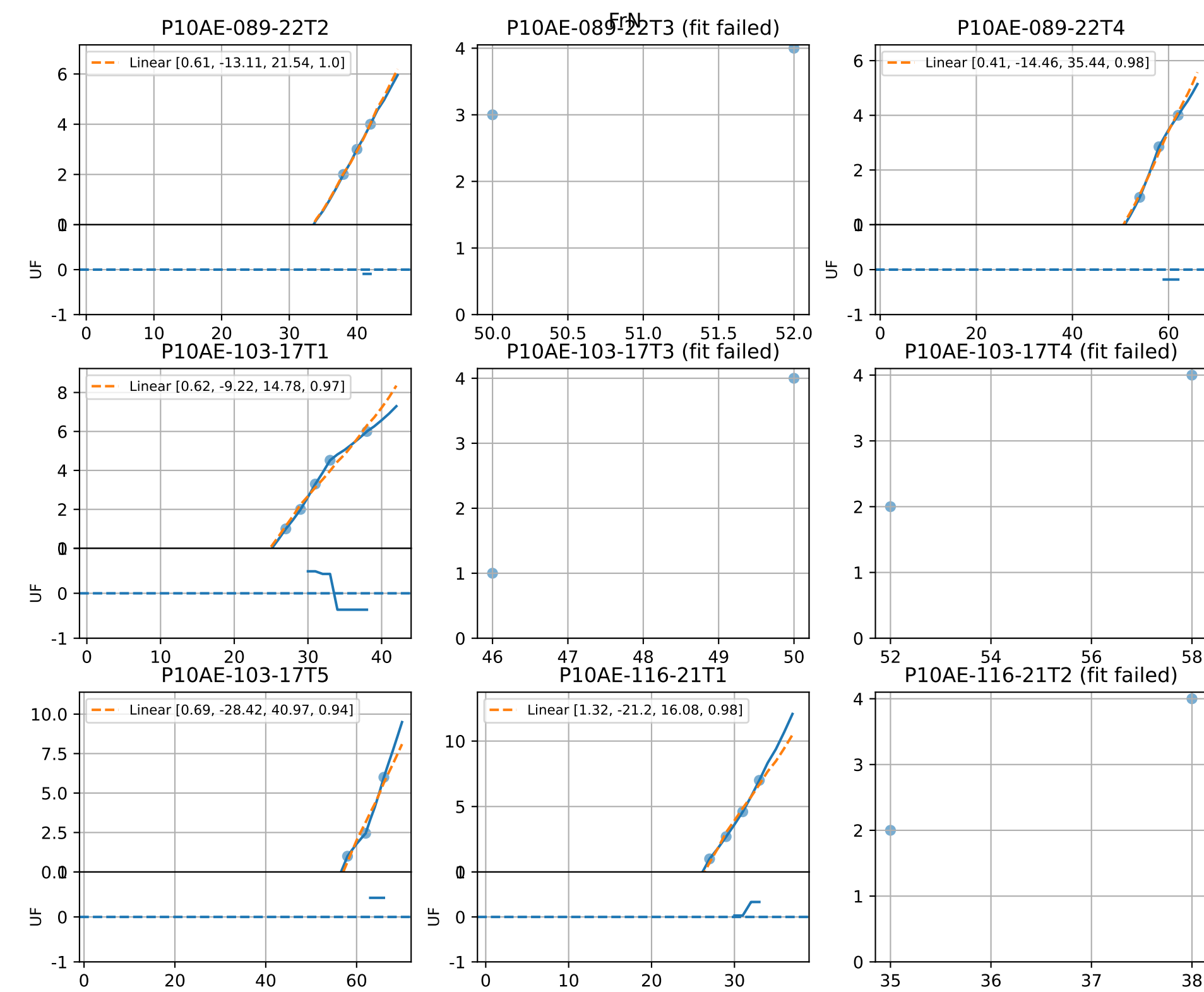


P10AE-076-5T4 (fit failed)



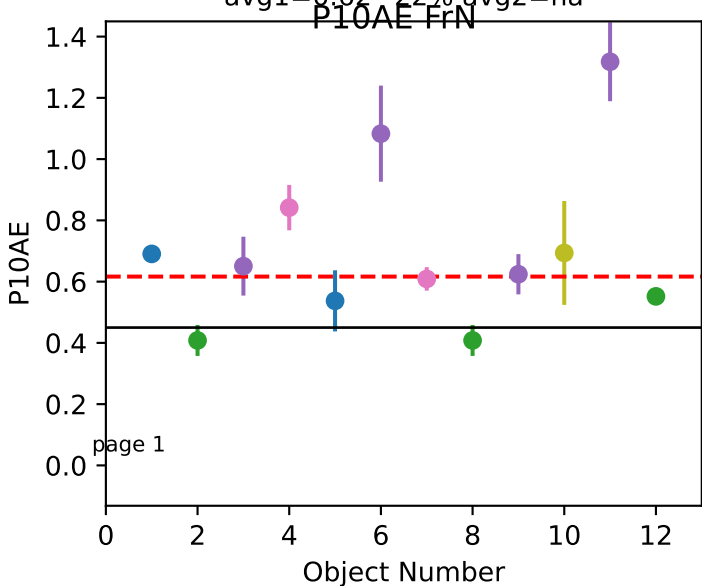
P10AE-089-22T1



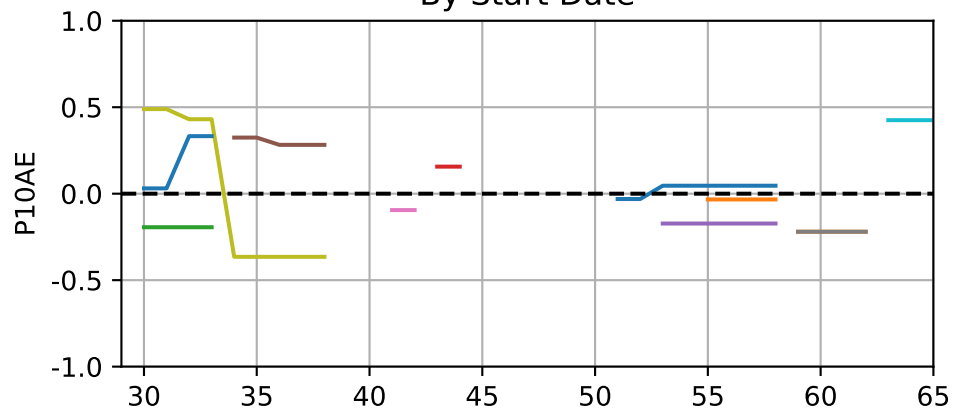




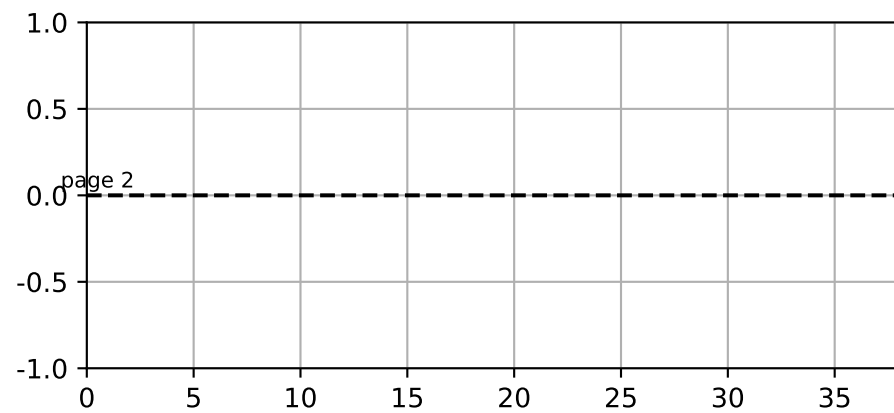
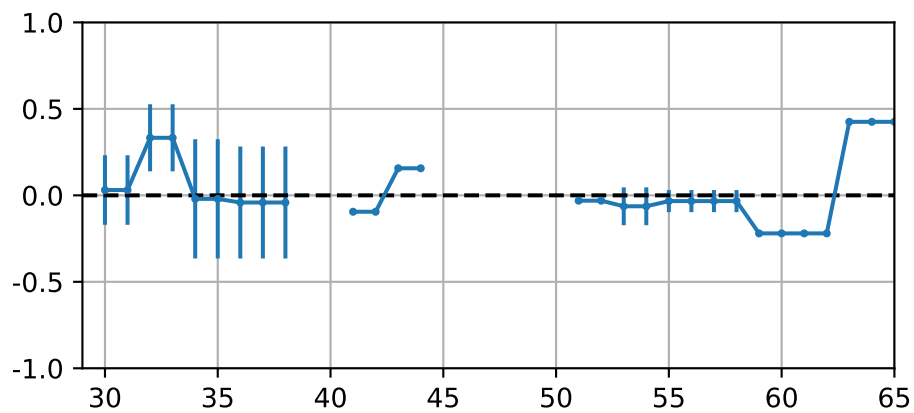
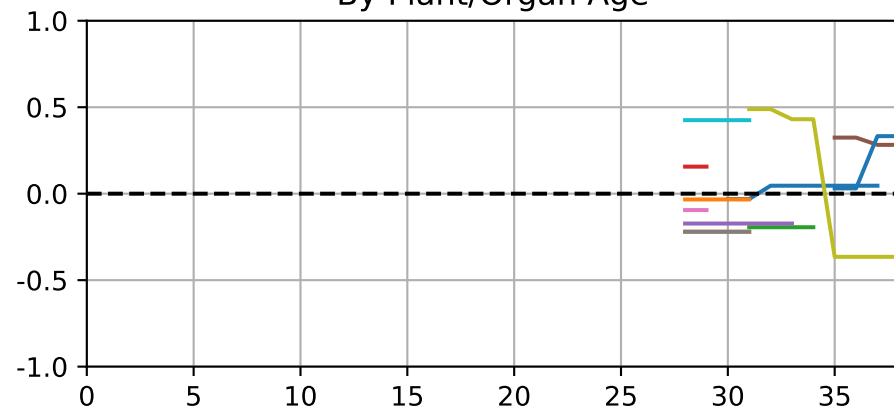
a (Def=0.45 Set=0.62)
avg1=0.62~22% avg2=na



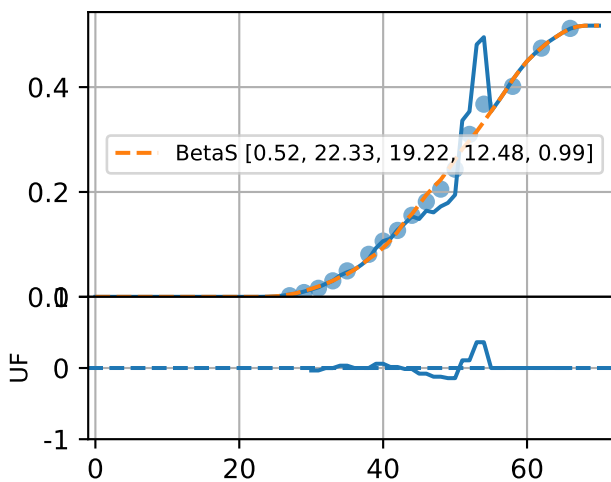
By Start Date



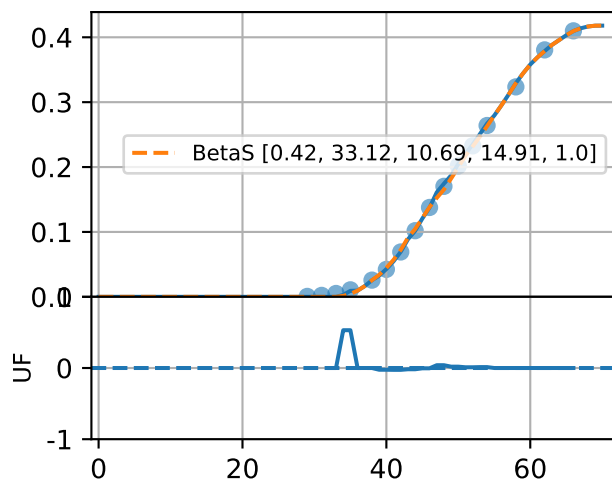
By Plant/Organ Age



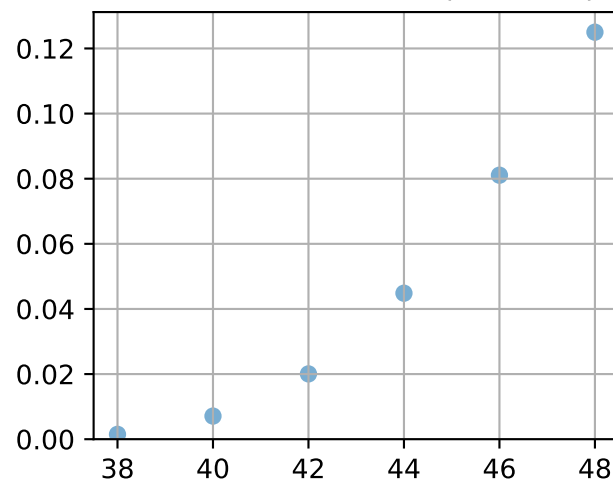
P10AE-063-19T1Fr1



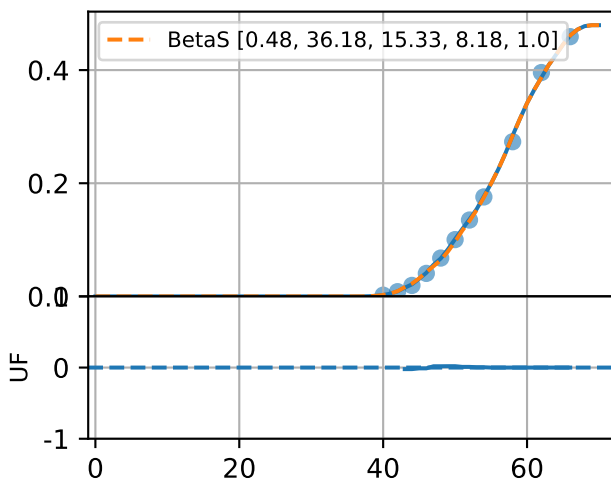
P10AE-063-19T1Fr5



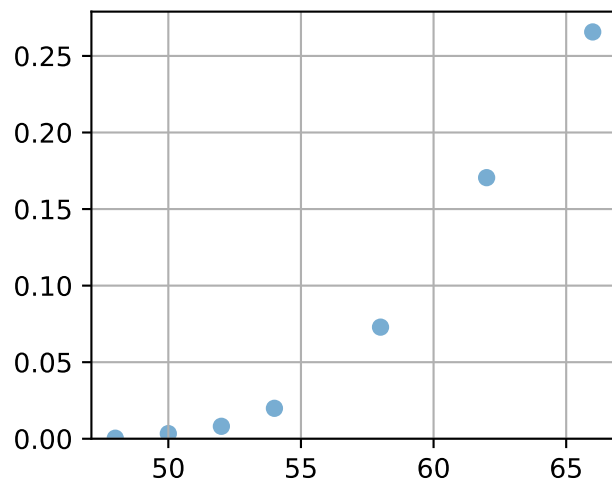
P10AE-063-19T2Fr1 (fit failed)



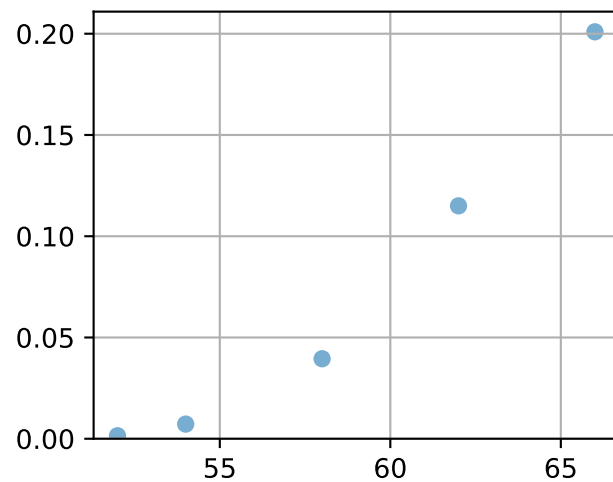
P10AE-063-19T2Fr5



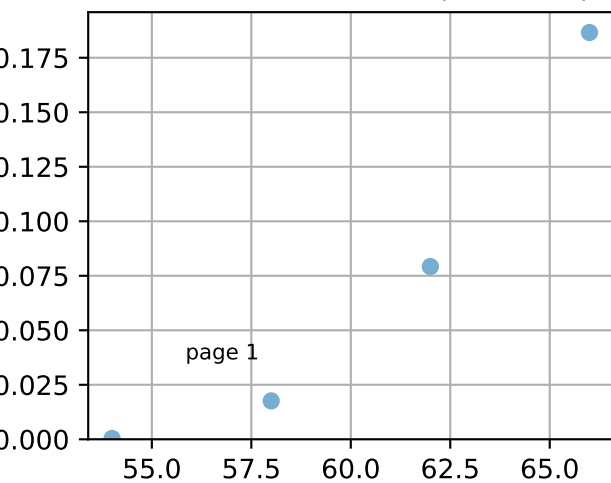
P10AE-063-19T3Fr1 (fit failed)



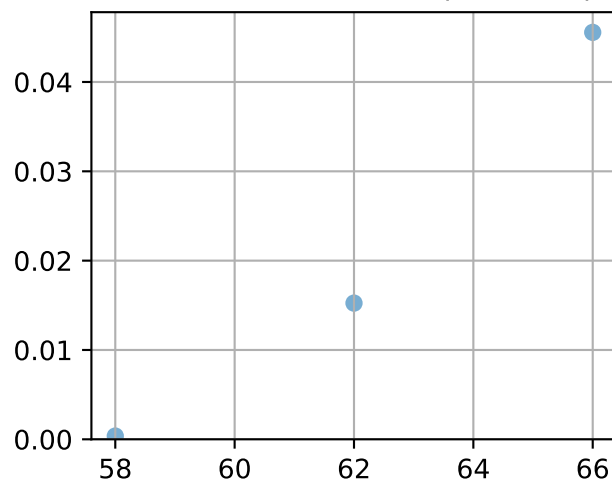
P10AE-063-19T3Fr5 (fit failed)



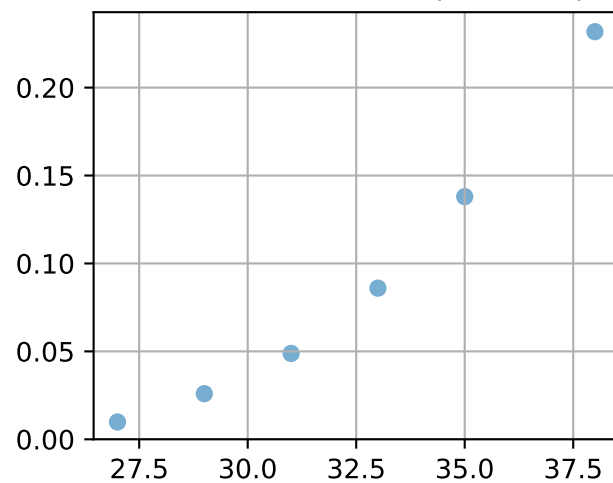
P10AE-063-19T4Fr1 (fit failed)



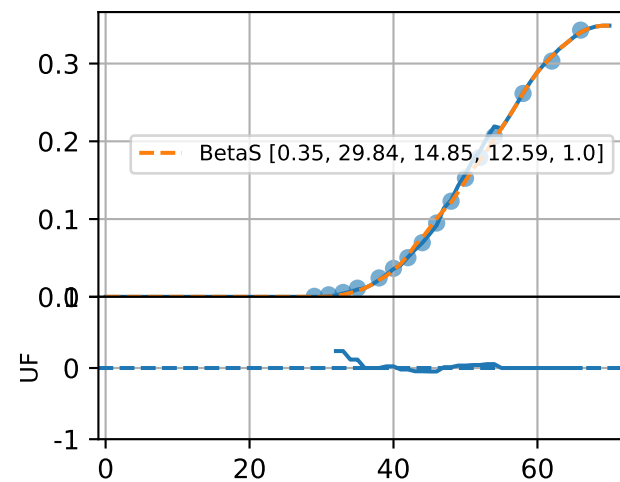
P10AE-063-19T4Fr5 (fit failed)



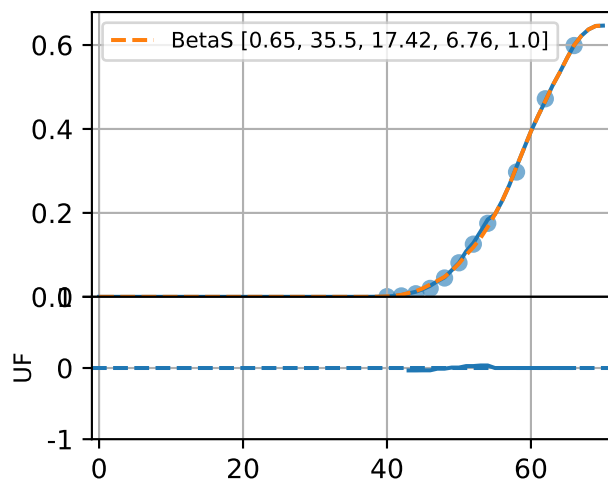
P10AE-076-5T1Fr1 (fit failed)



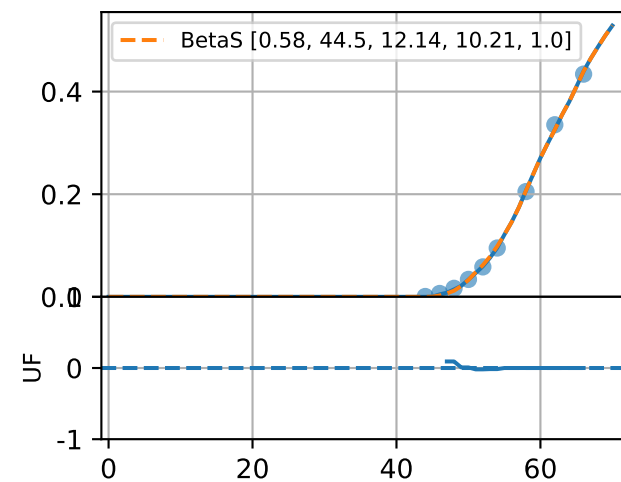
P10AE-076-5T1Fr5



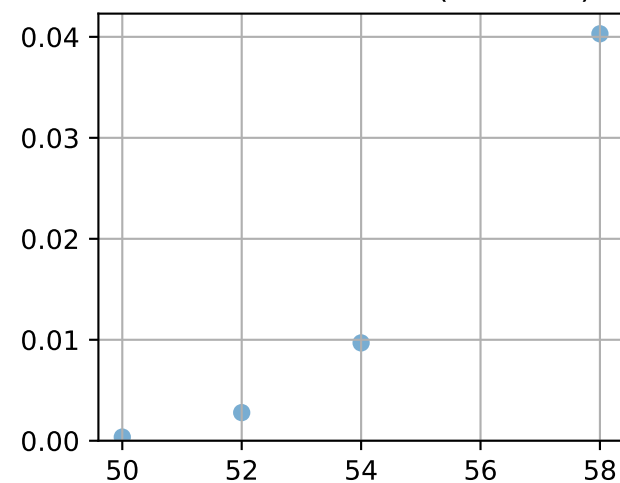
P10AE-076-5T2Fr1



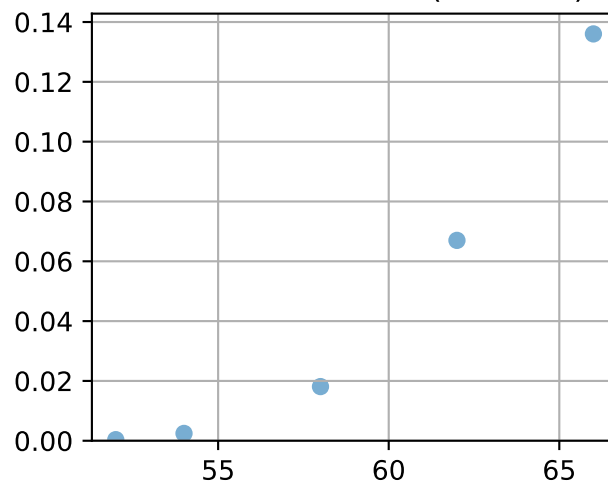
P10AE-076-5T2Fr5



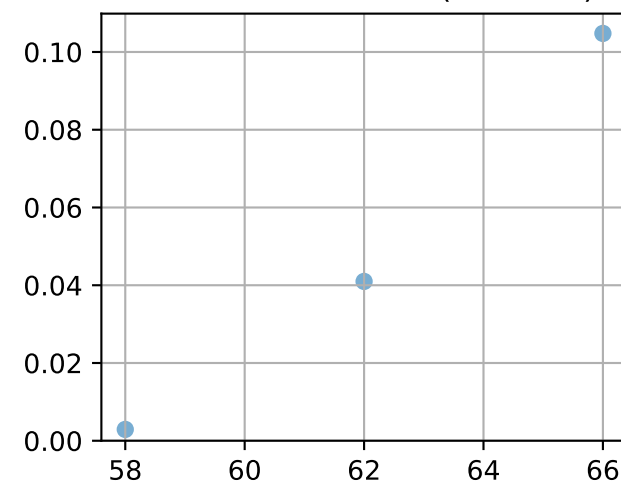
P10AE-076-5T3Fr1 (fit failed)



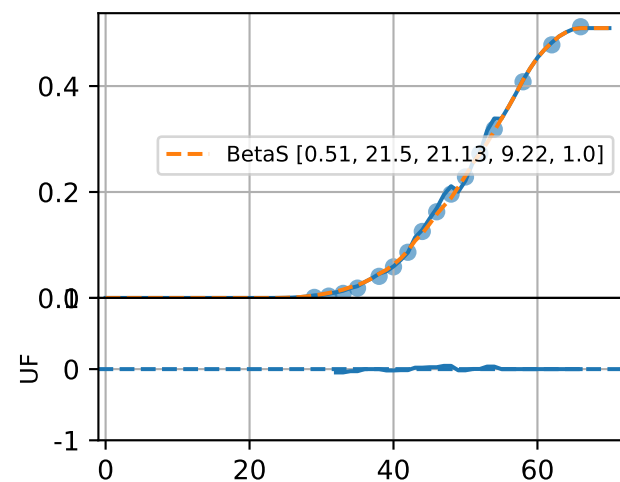
P10AE-076-5T3Fr5 (fit failed)



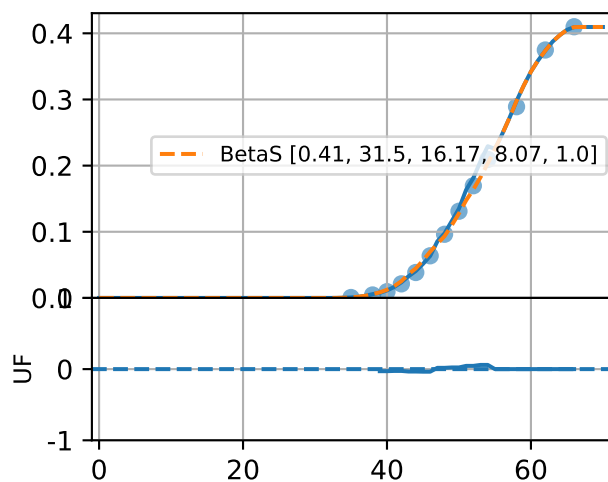
P10AE-076-5T4Fr1 (fit failed)



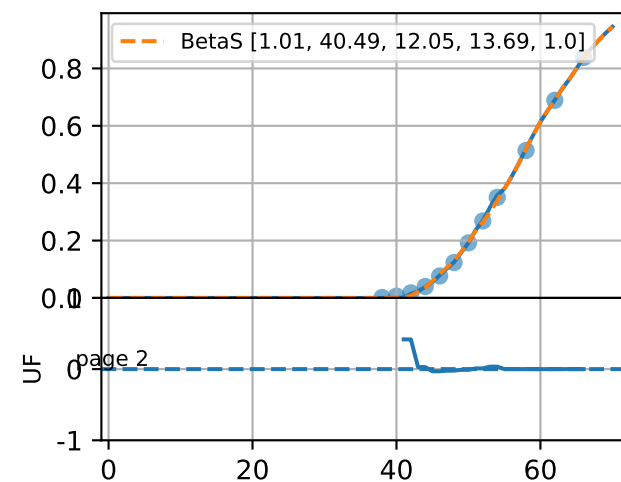
P10AE-089-22T1Fr1



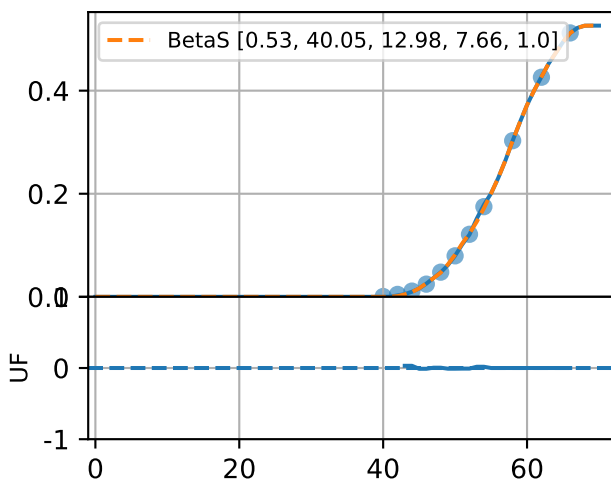
P10AE-089-22T1Fr5



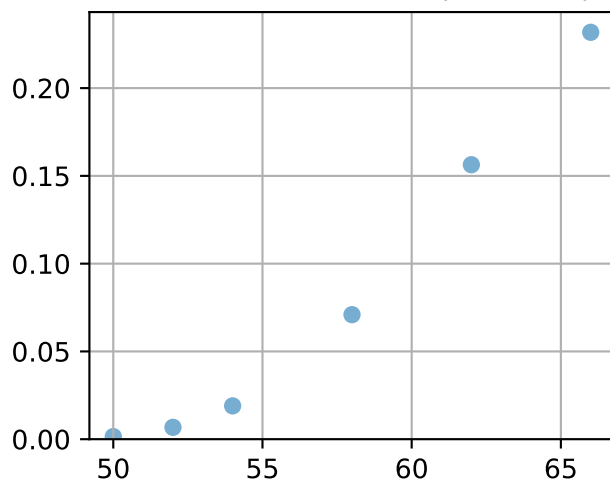
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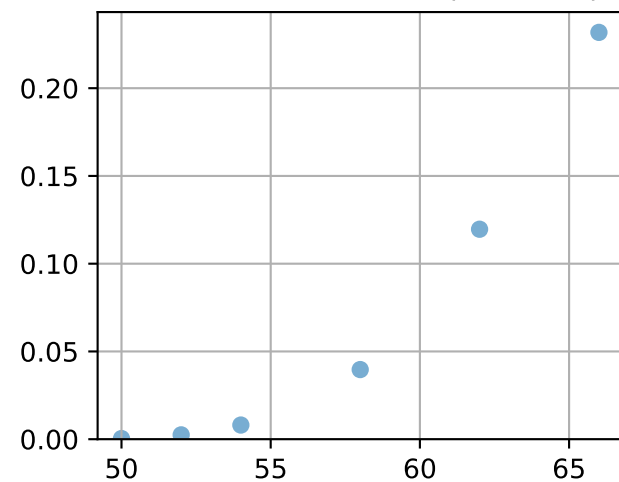
P10AE-089-22T2Fr5



P10AE-089-22T3Fr1 (fit failed)



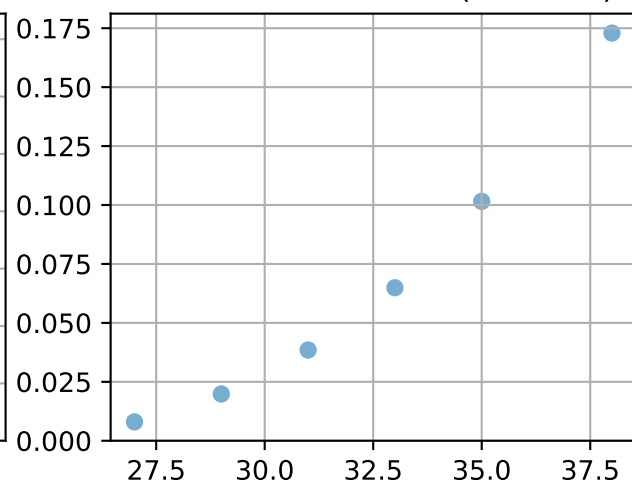
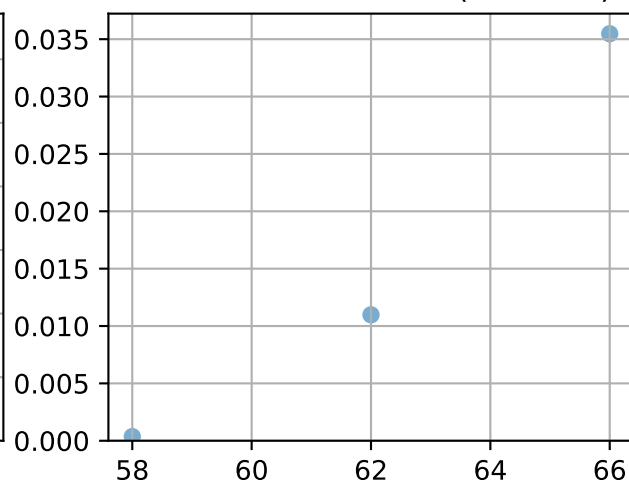
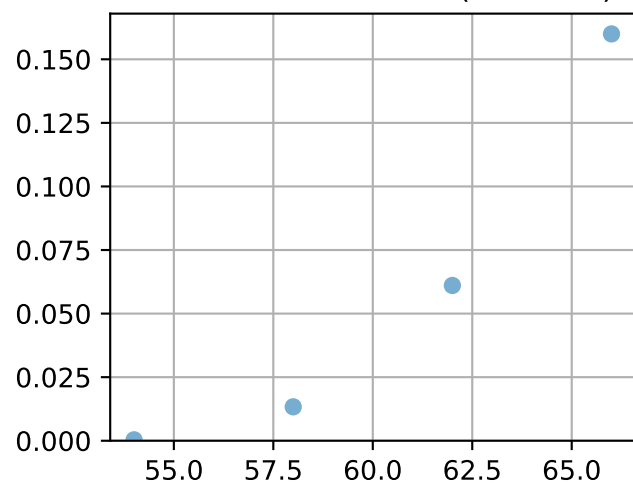
P10AE-089-22T3Fr5 (fit failed)



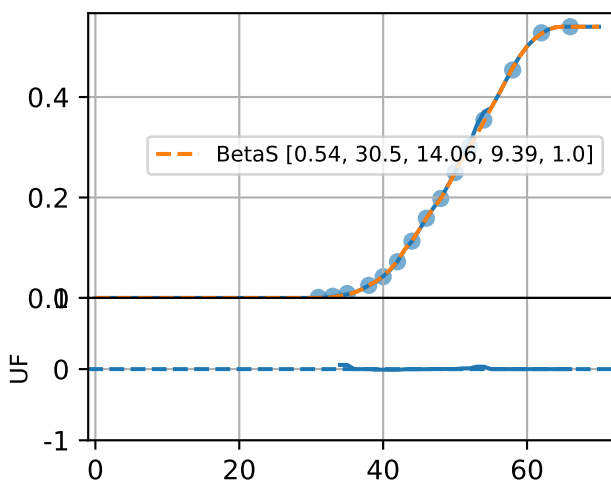
P10AE-089-22T4Fr1 (fit failed)

P10AE-089-22T4Fr5 (fit failed)

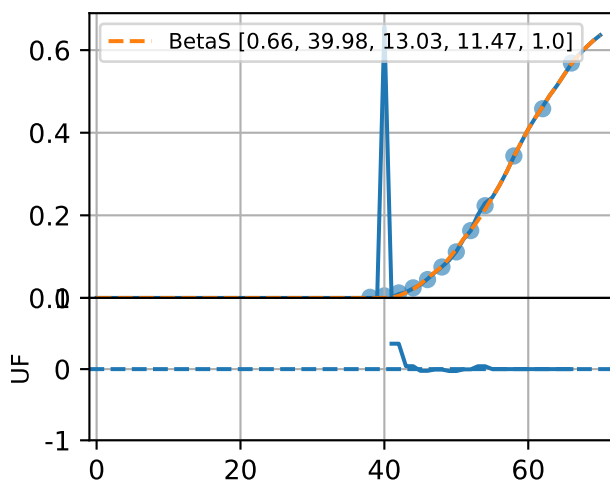
P10AE-103-17T1Fr1 (fit failed)



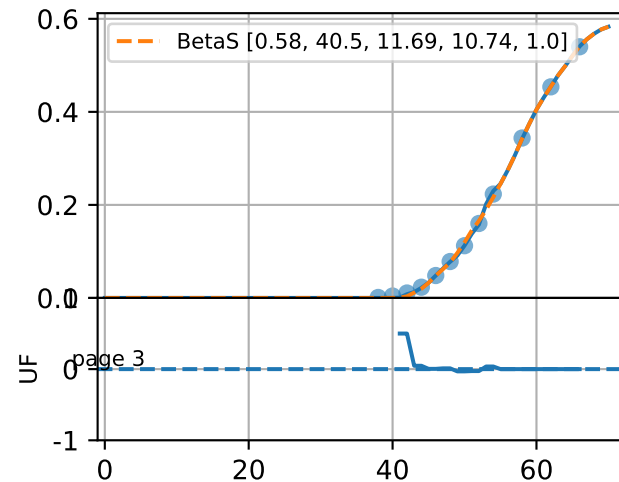
P10AE-103-17T1Fr5



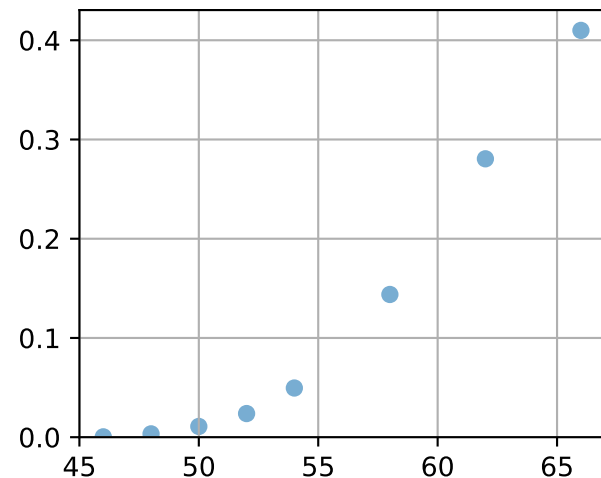
P10AE-103-17T2Fr1



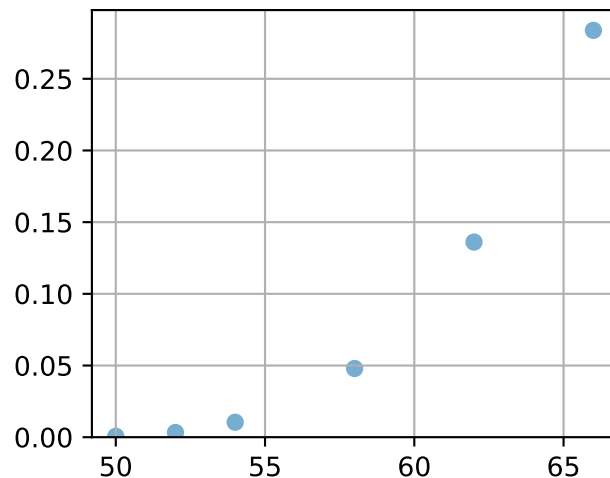
P10AE-103-17T2Fr5



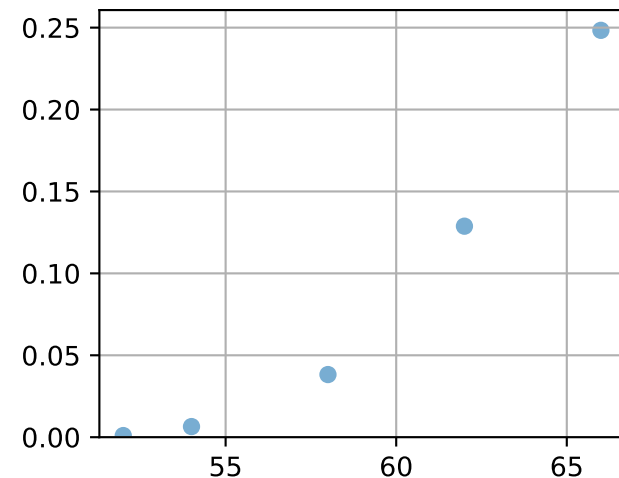
P10AE-103-17T3Fr1 (fit failed)



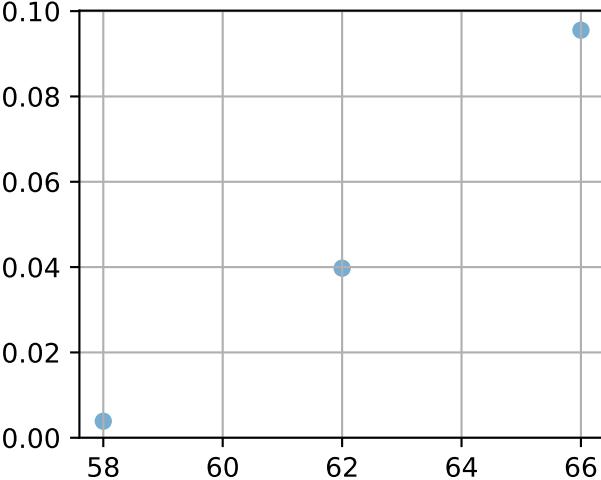
P10AE-103-17T3Fr5 (fit failed)



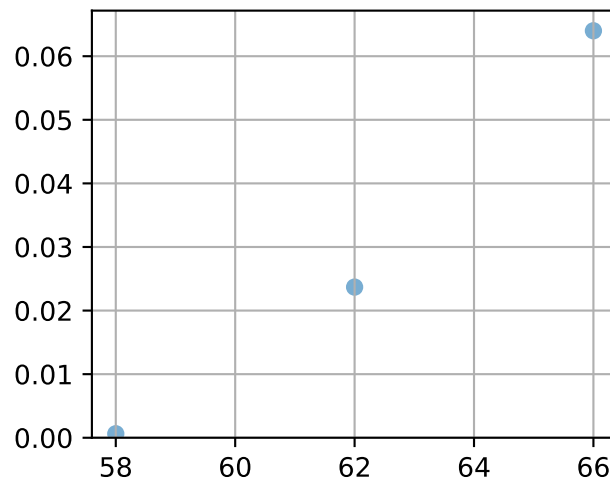
P10AE-103-17T4Fr1 (fit failed)



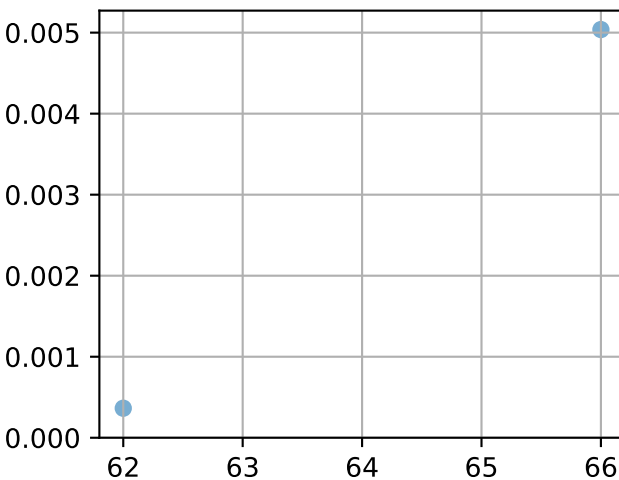
P10AE-103-17T4Fr5 (fit failed)



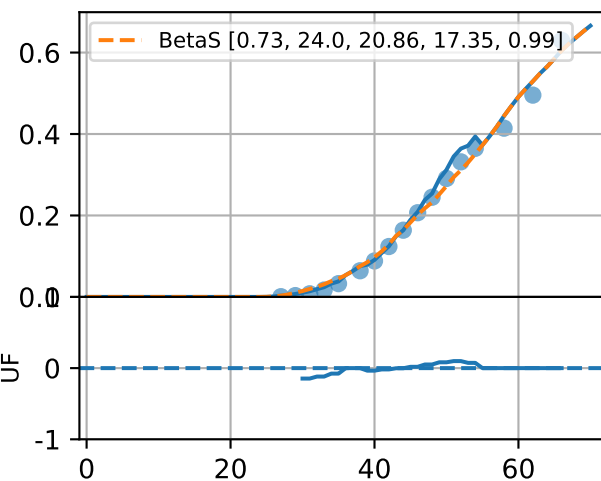
P10AE-103-17T5Fr1 (fit failed)



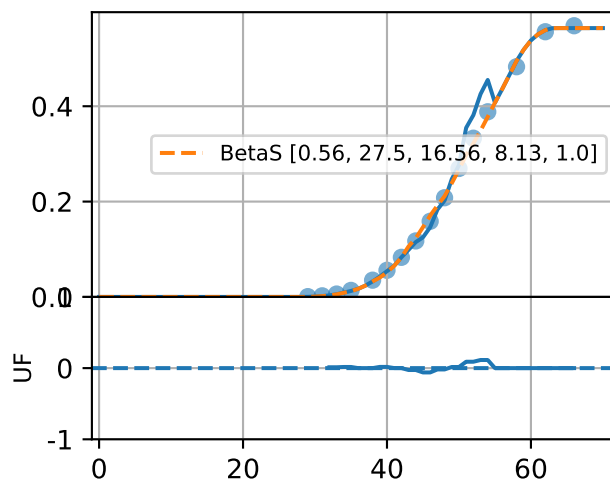
P10AE-103-17T6Fr1 (fit failed)



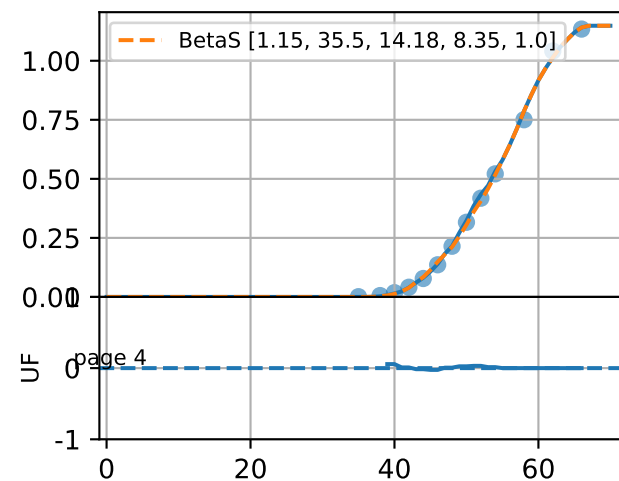
P10AE-116-21T1Fr1

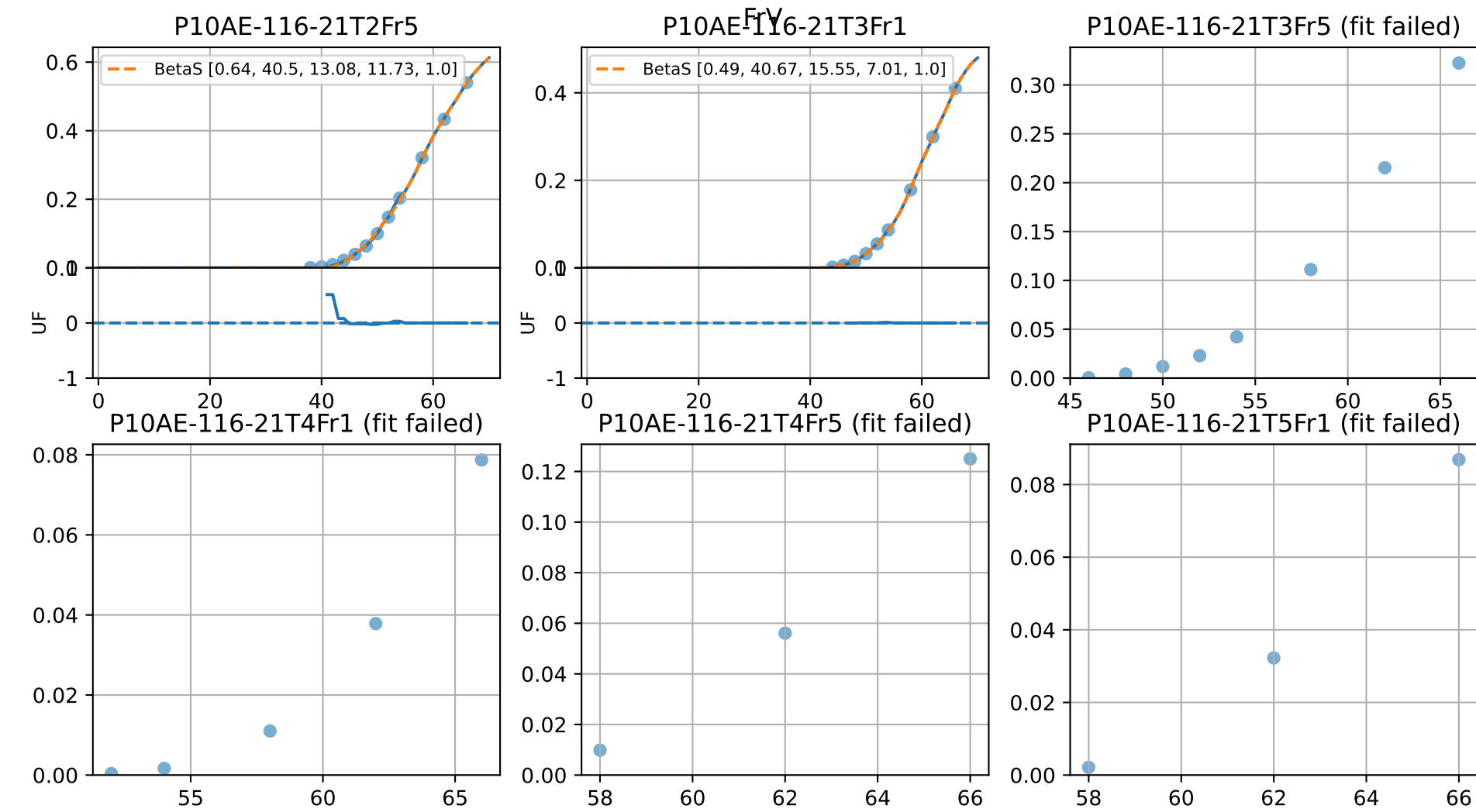


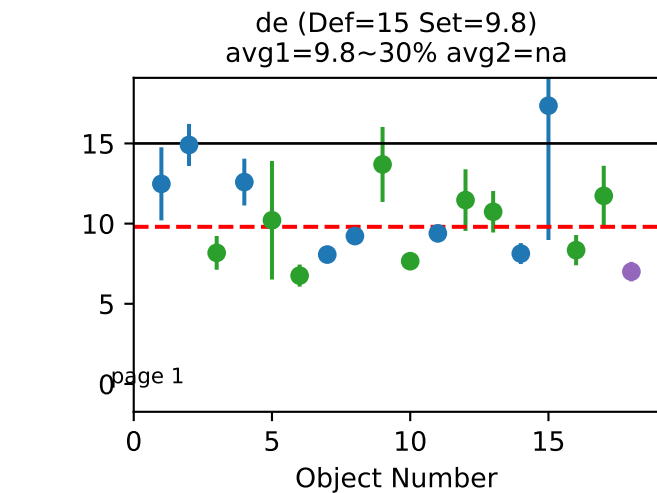
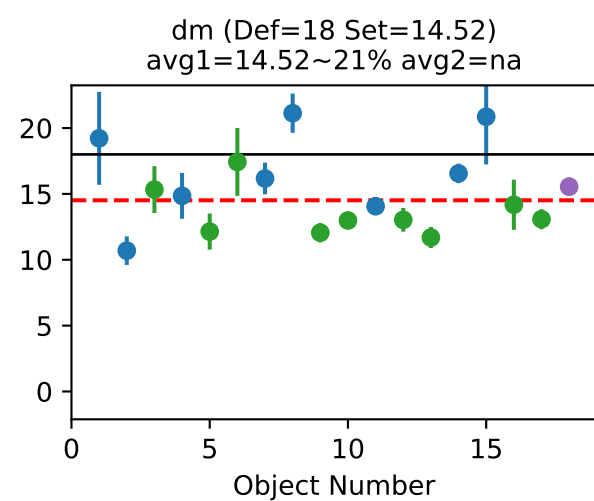
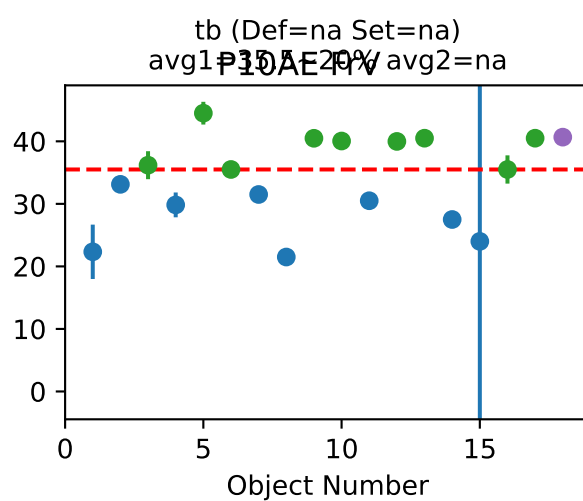
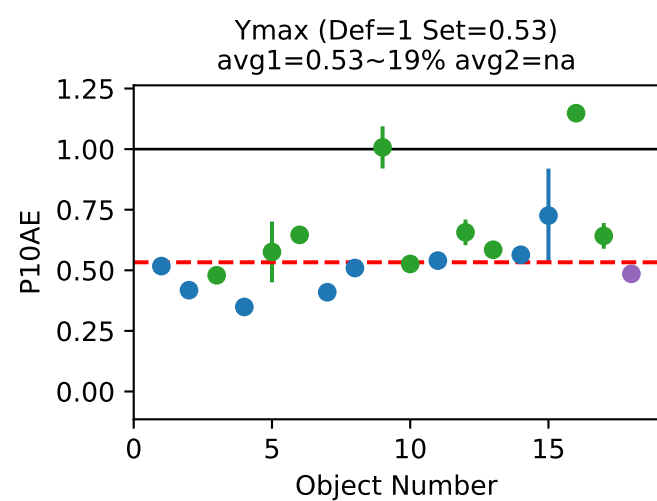
P10AE-116-21T1Fr5



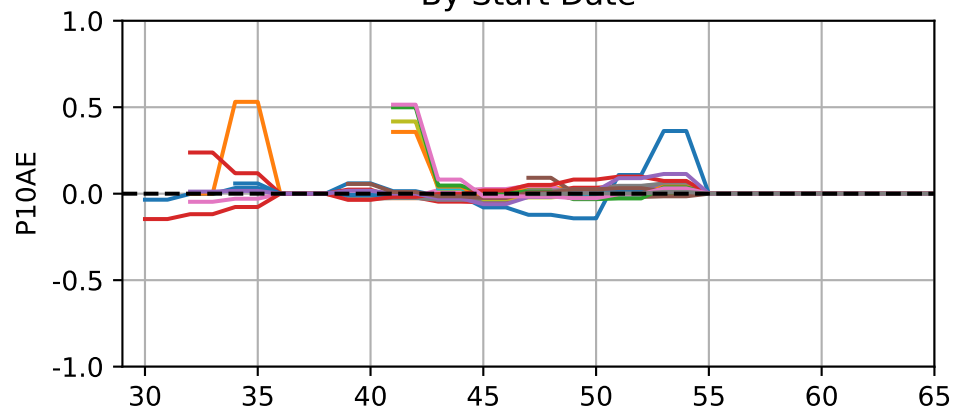
P10AE-116-21T2Fr1



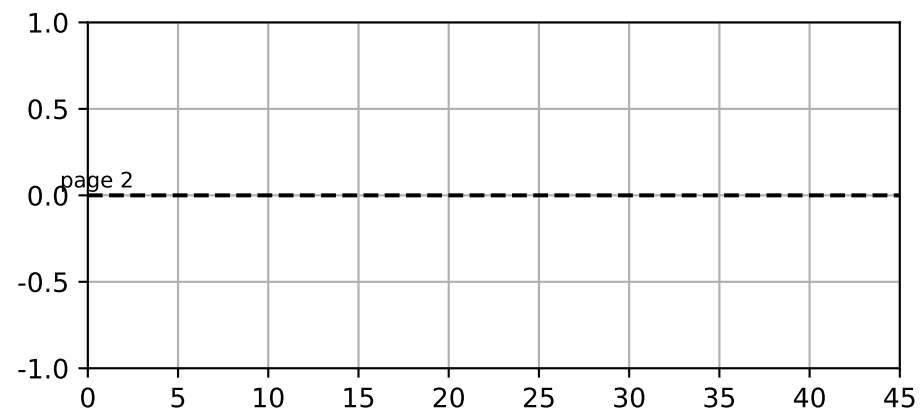
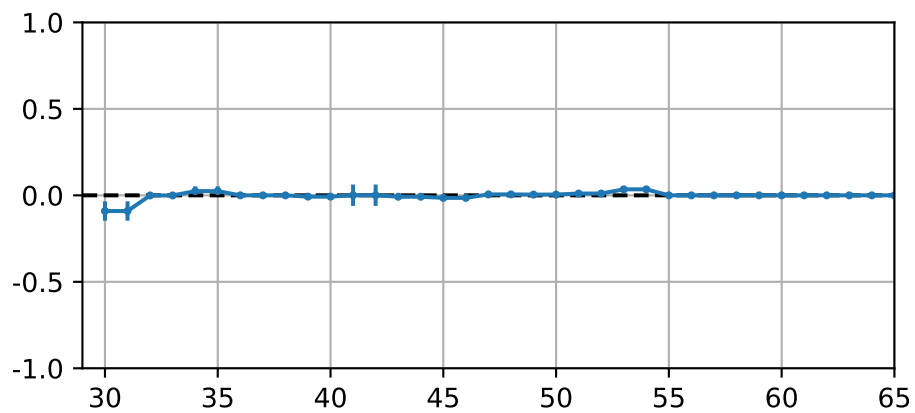
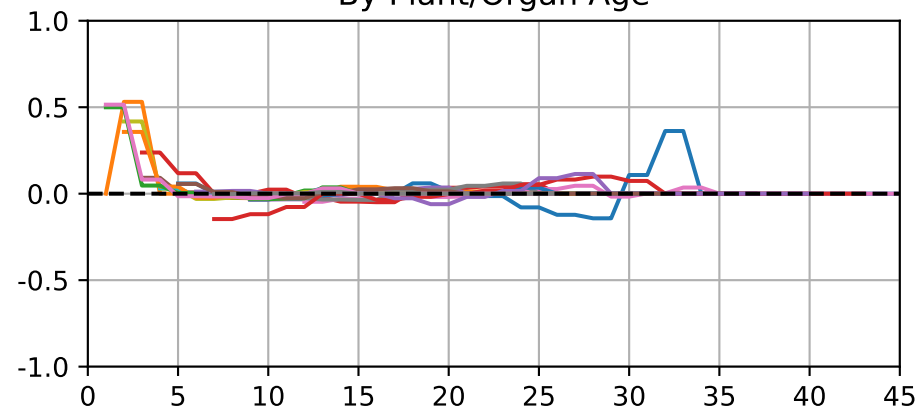


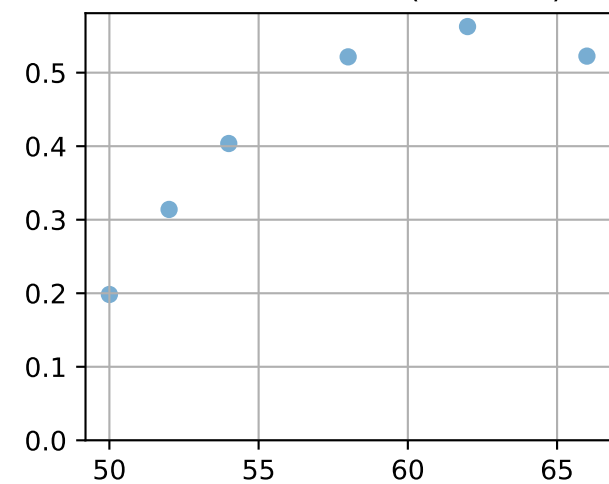
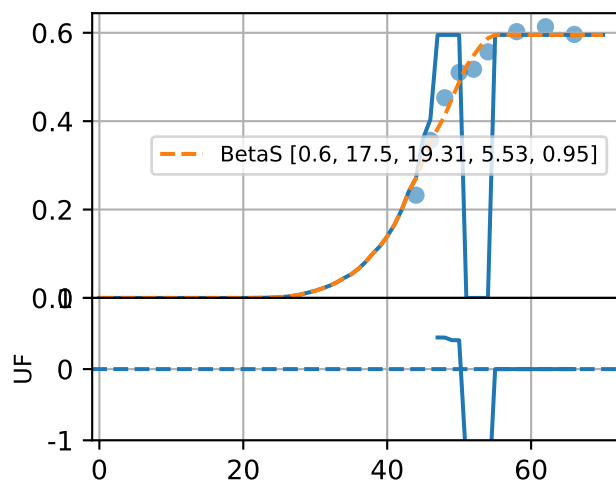
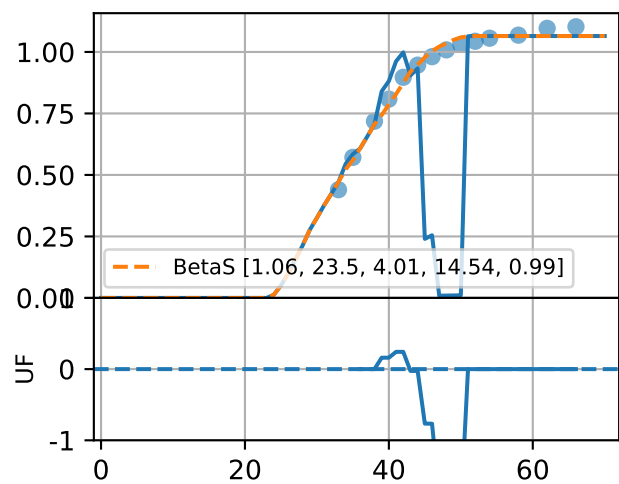
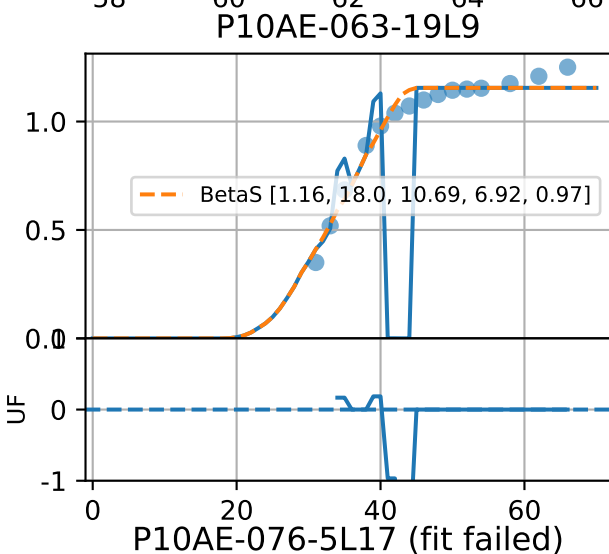
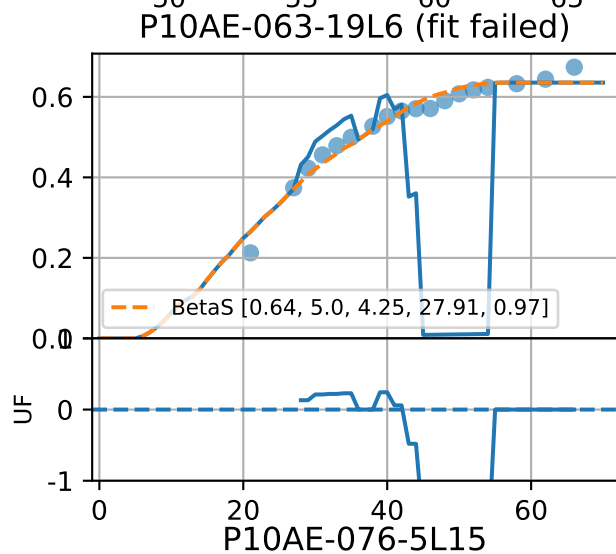
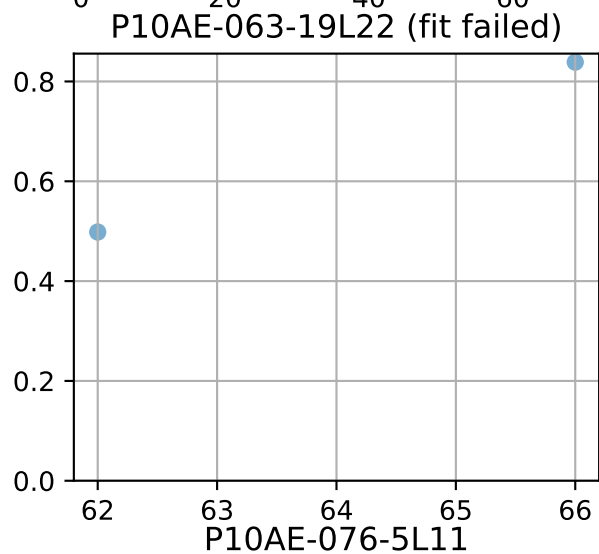
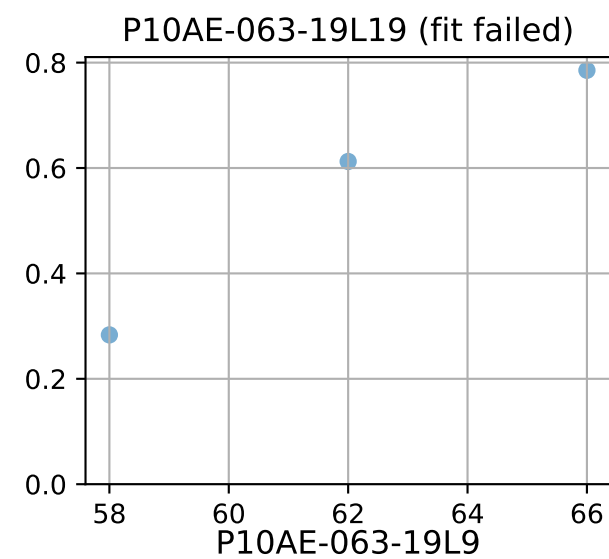
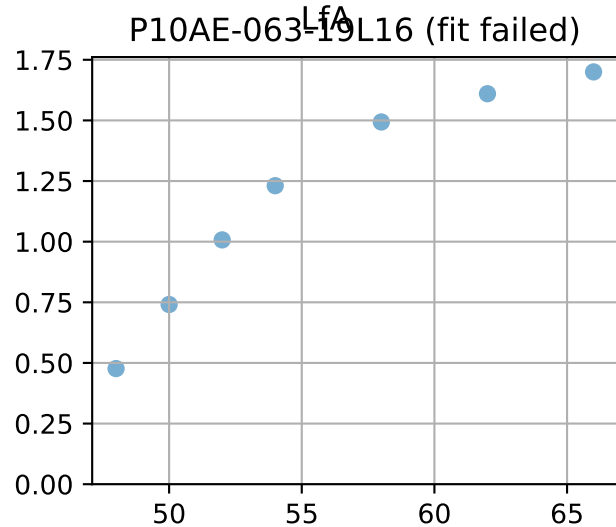
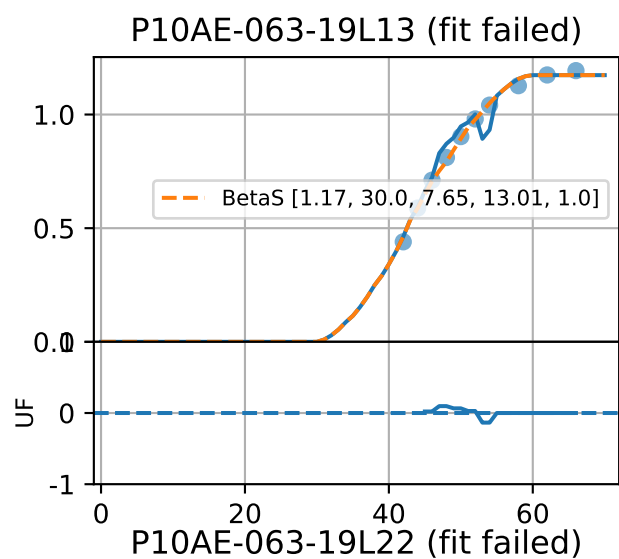


By Start Date



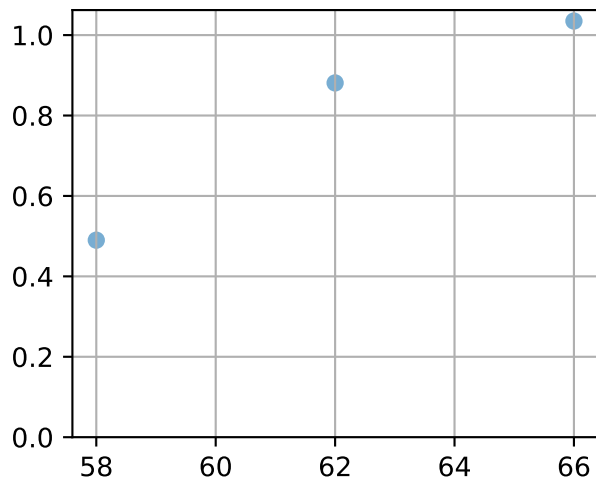
By Plant/Organ Age



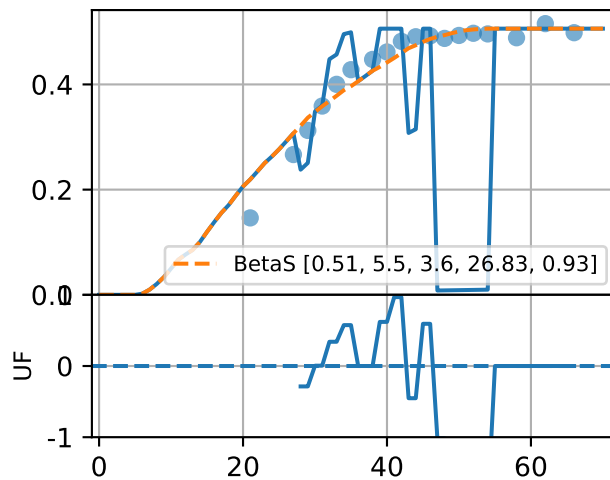


lfa

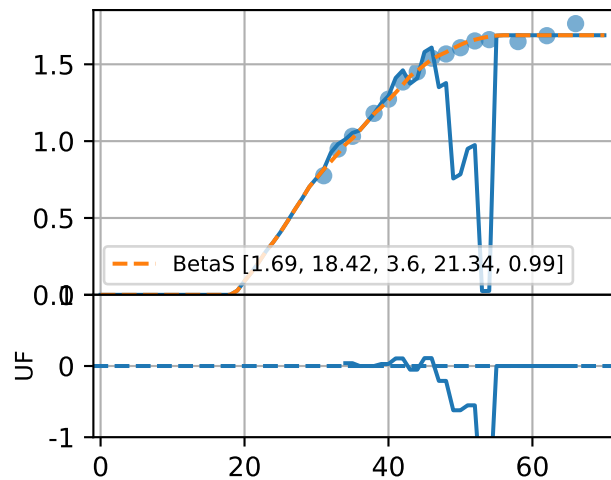
P10AE-076-5L20 (fit failed)



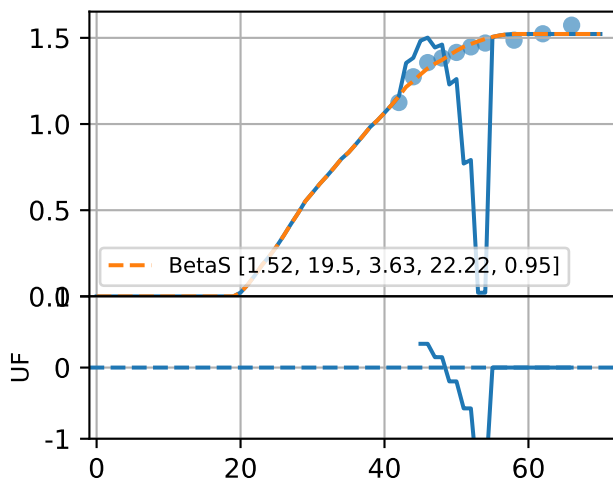
P10AE-076-5L7 (fit failed)



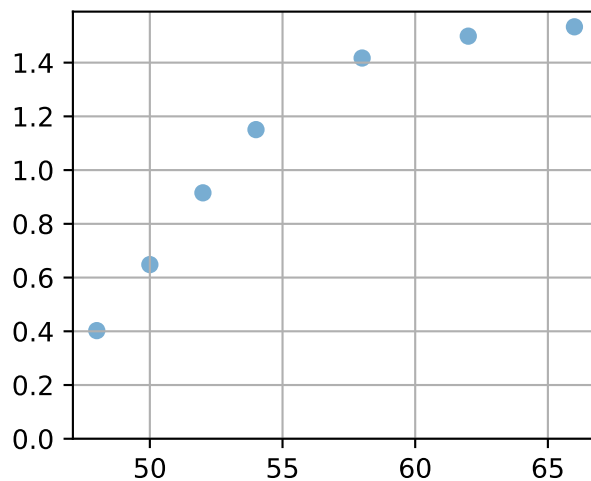
P10AE-089-22L10



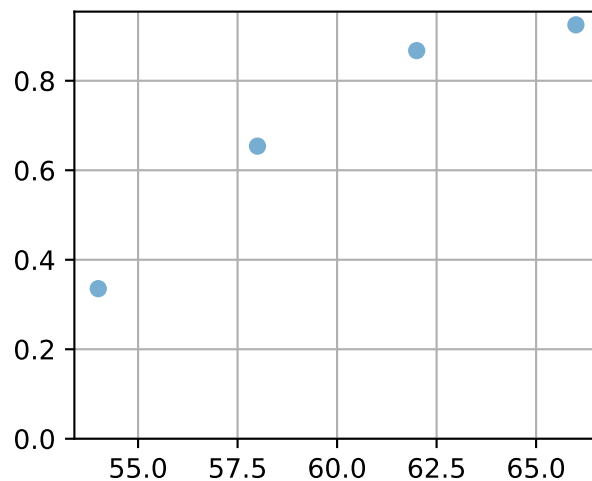
P10AE-089-22L13 (fit failed)



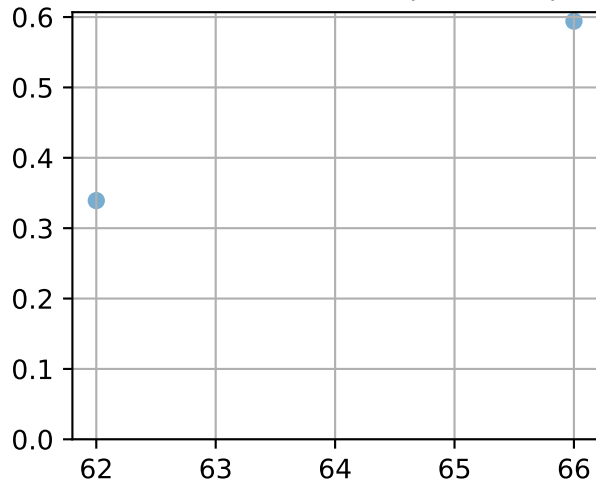
P10AE-089-22L16 (fit failed)



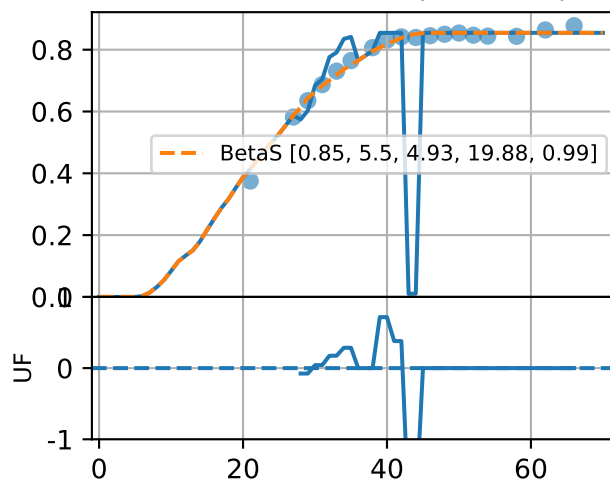
P10AE-089-22L19 (fit failed)



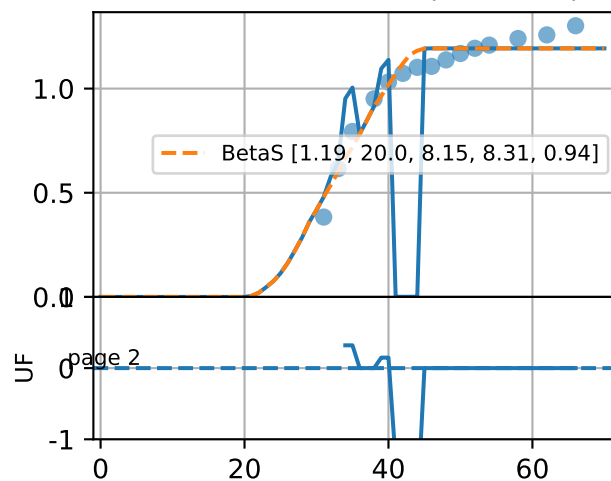
P10AE-089-22L22 (fit failed)

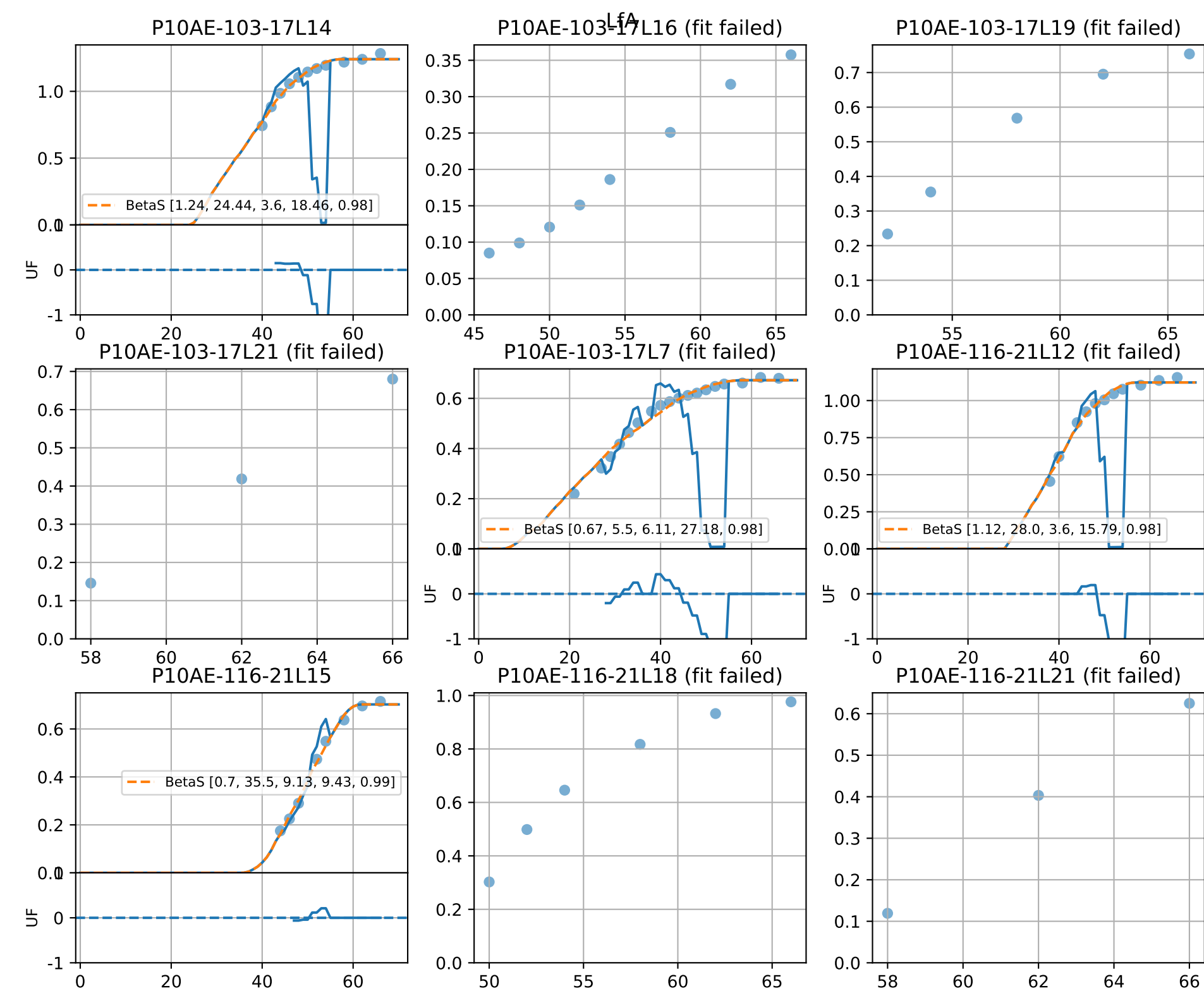


P10AE-089-22L7 (fit failed)

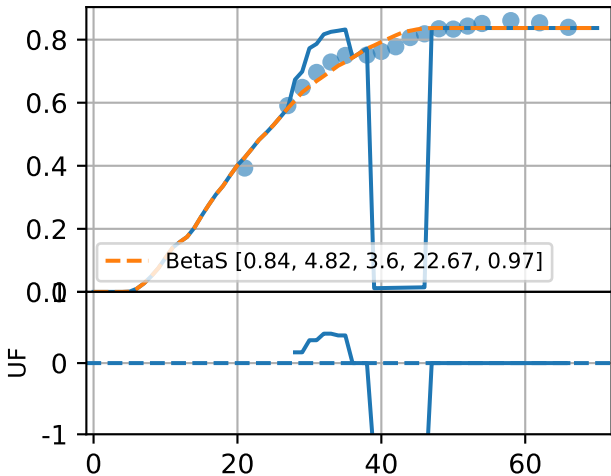


P10AE-103-17L10 (fit failed)

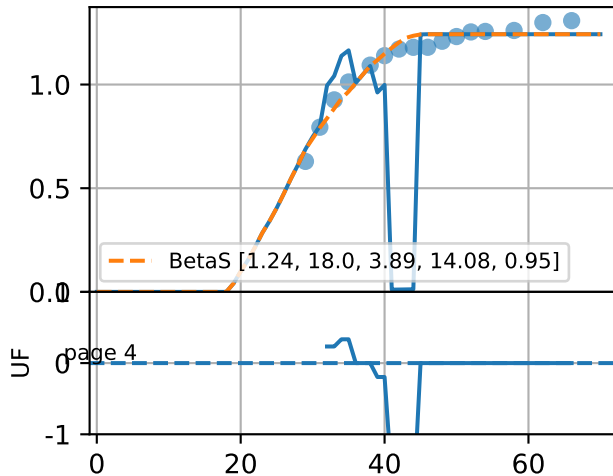




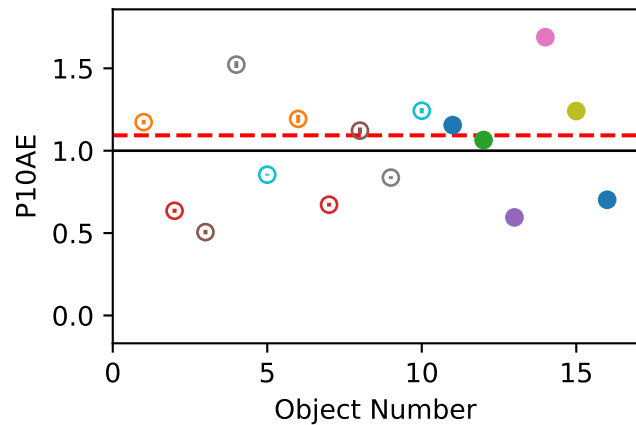
P10AE-116-21L6 (fit failed)



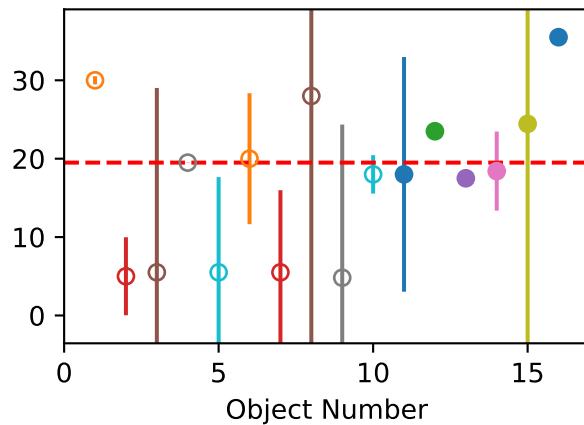
P10AE-116-21L9 (fit failed)



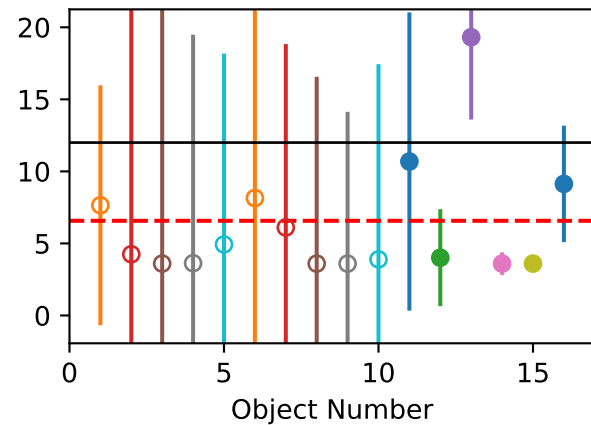
Ymax (Def=1 Set=1.09)
avg1=1.09~31% avg2=na



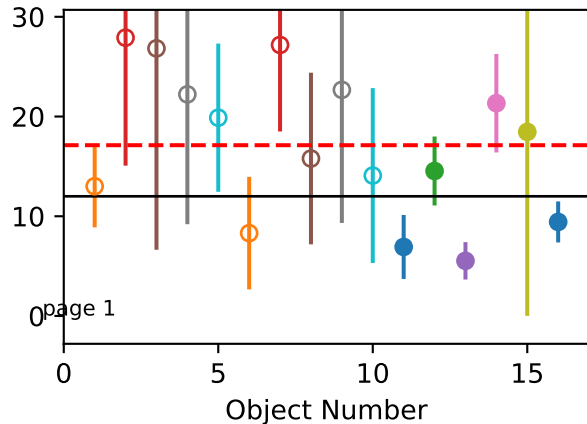
tb (Def=na Set=na)
avg1=10.4~21% avg2=na



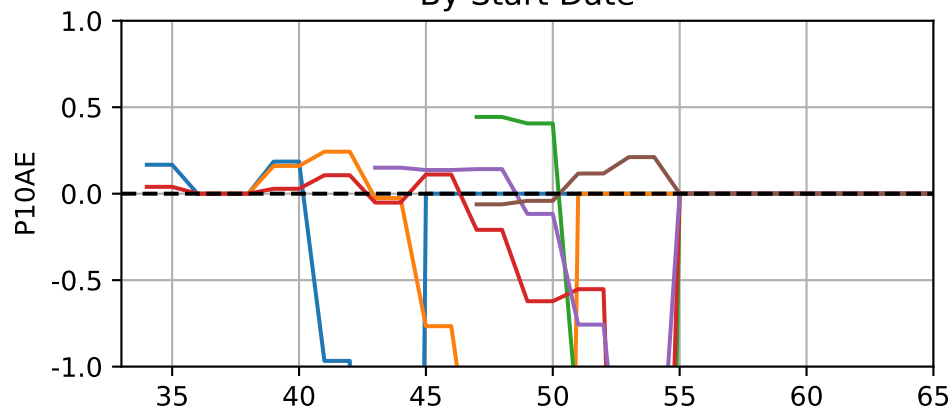
dm (Def=12 Set=6.57)
avg1=6.57~94% avg2=na



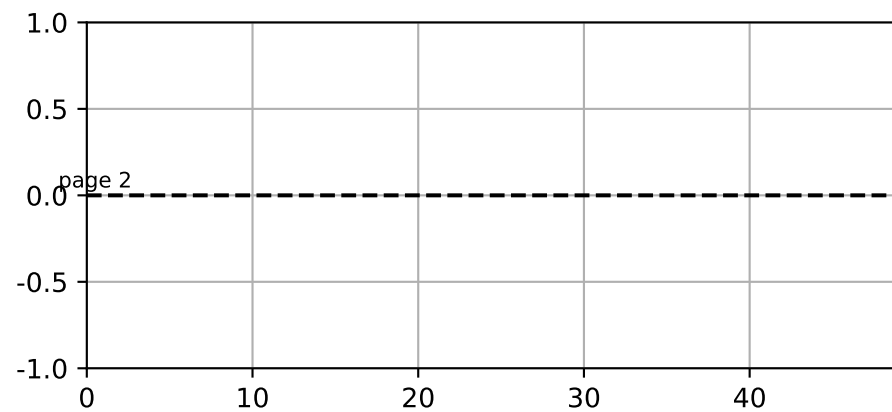
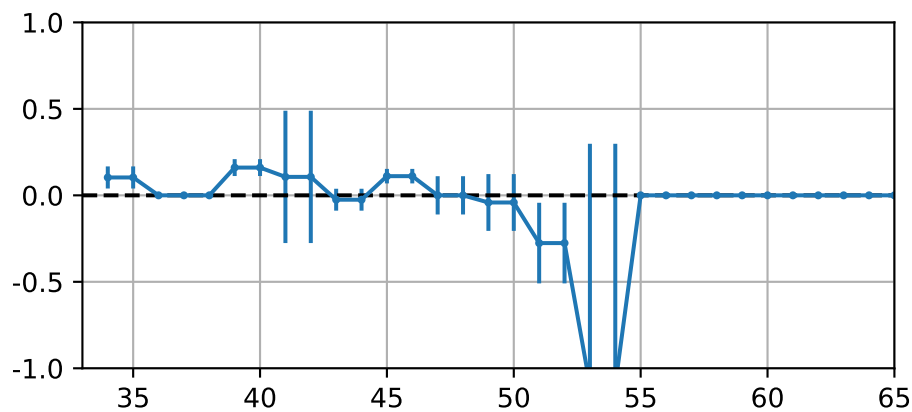
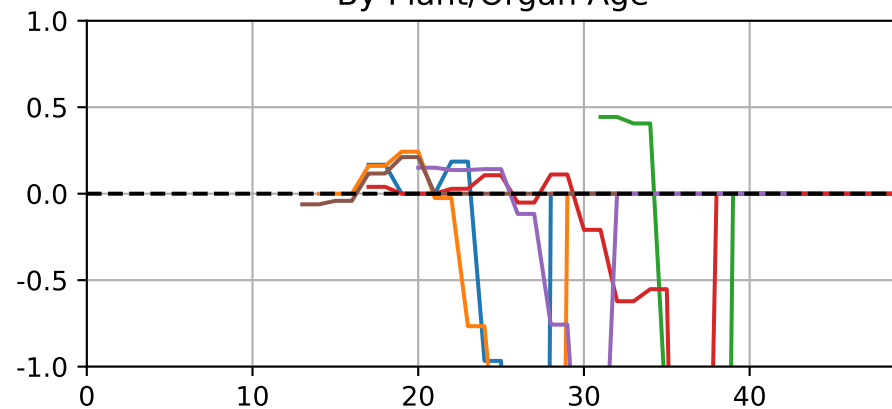
de (Def=12 Set=17.12)
avg1=17.12~43% avg2=na



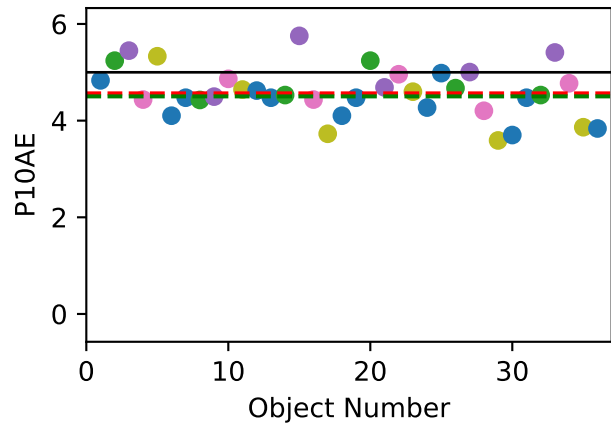
By Start Date



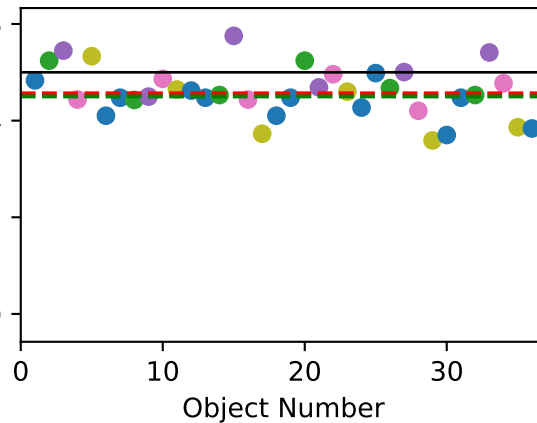
By Plant/Organ Age



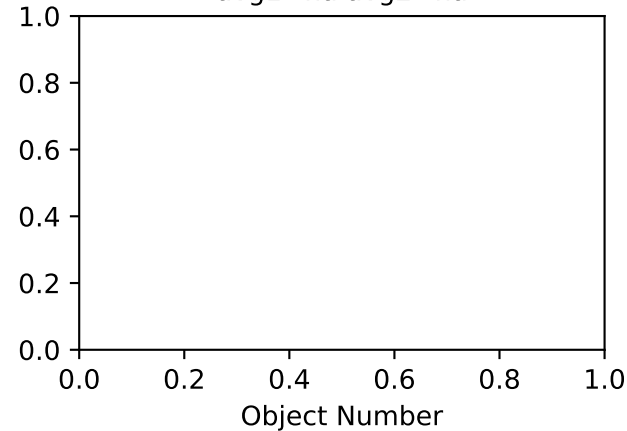
Fl_dm (Def=5 Set=4.56)
avg1=4.56~10% avg2=4.5~13%



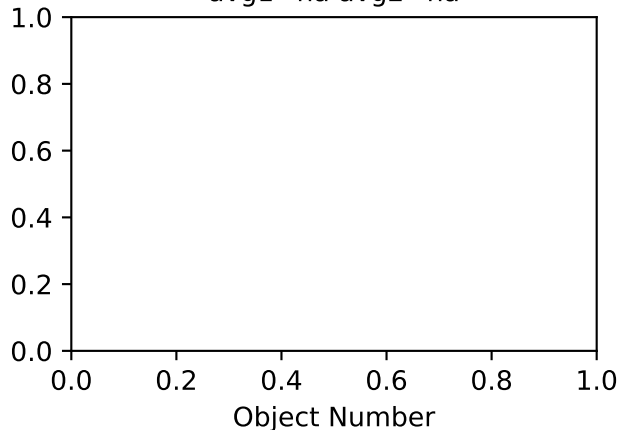
Fl_de (Def=5 Set=4.56)
avg1=4.56~10% avg2=4.5~13%



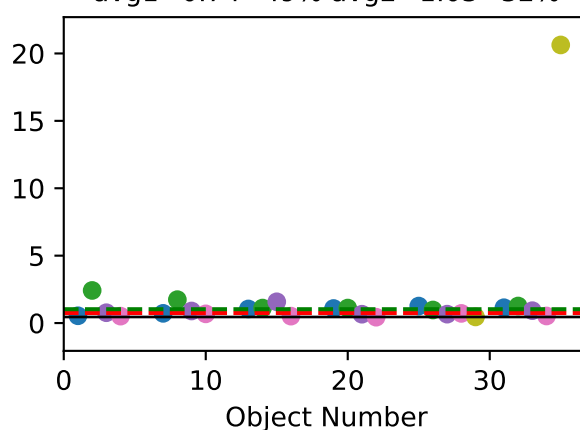
FrV_dm (Def=18 Set=14.52)
avg1=na avg2=na



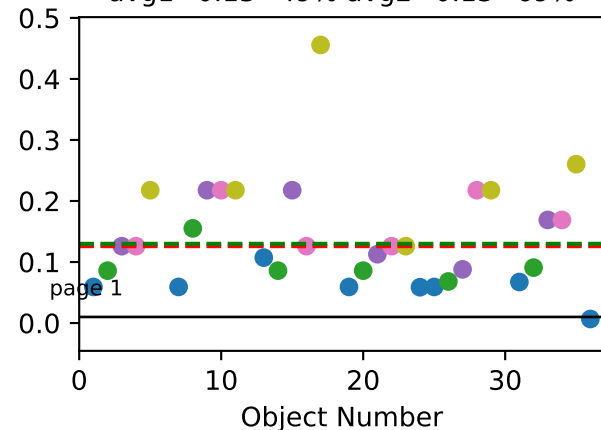
FrV_de (Def=15 Set=9.8)
avg1=na avg2=na



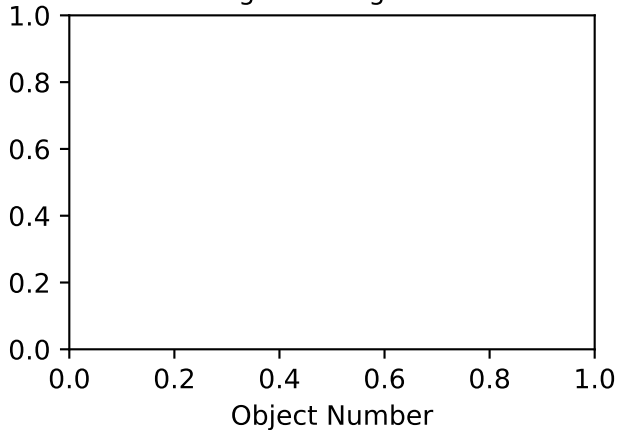
FrN_a (Def=0.45 Set=0.74)
avg1=0.74~49% avg2=1.03~32%



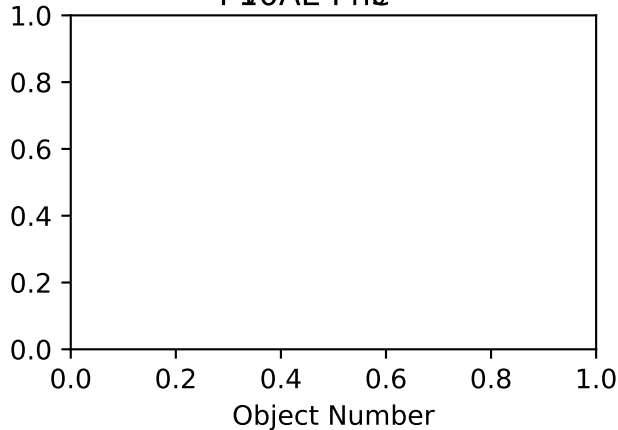
FSDdevStage (Def=0.01 Set=0.13)
avg1=0.13~49% avg2=0.13~69%



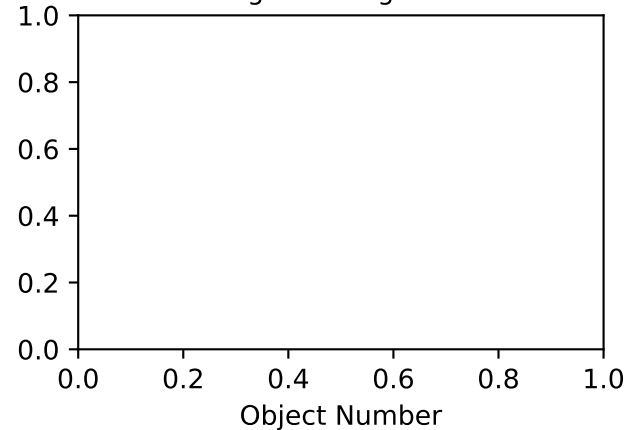
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



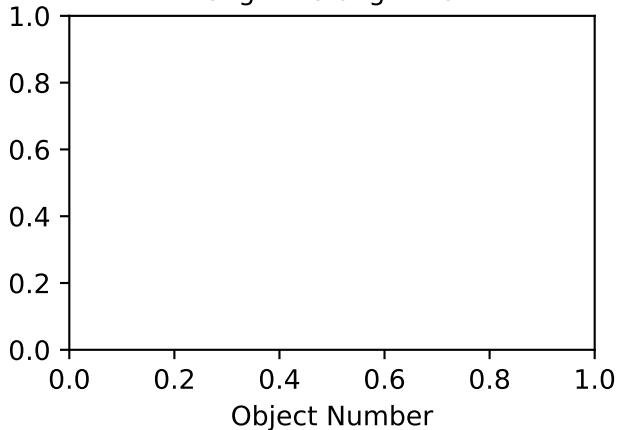
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



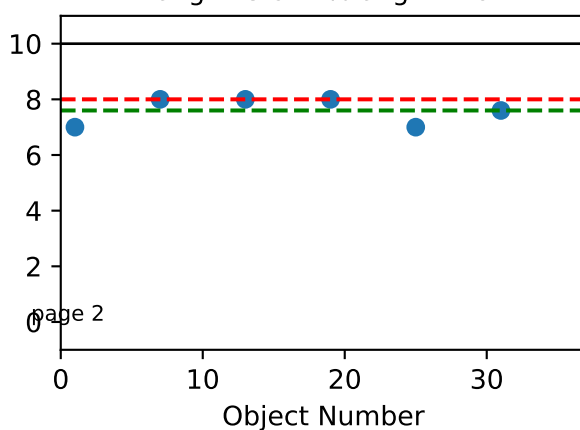
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

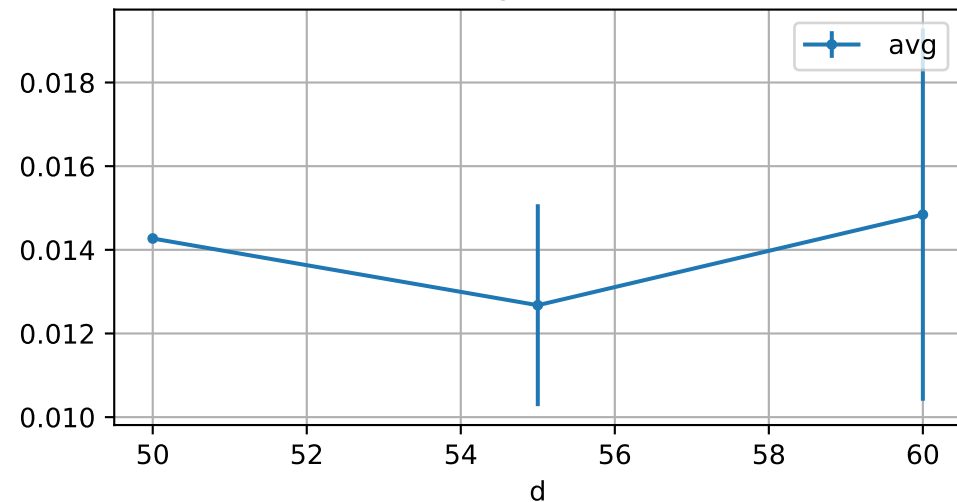


NNgen (Def=10 Set=8)
avg1=8.0~7% avg2=7.6

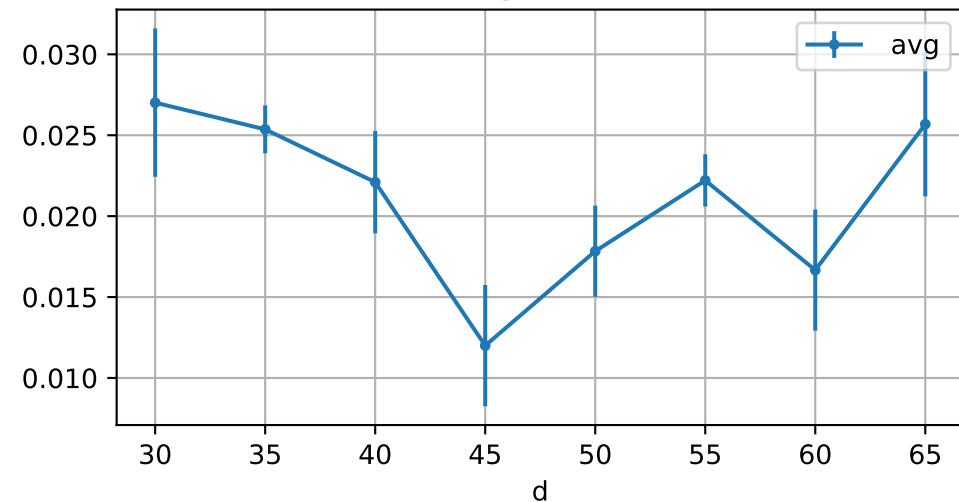


LfA: avg vs. d at each age group

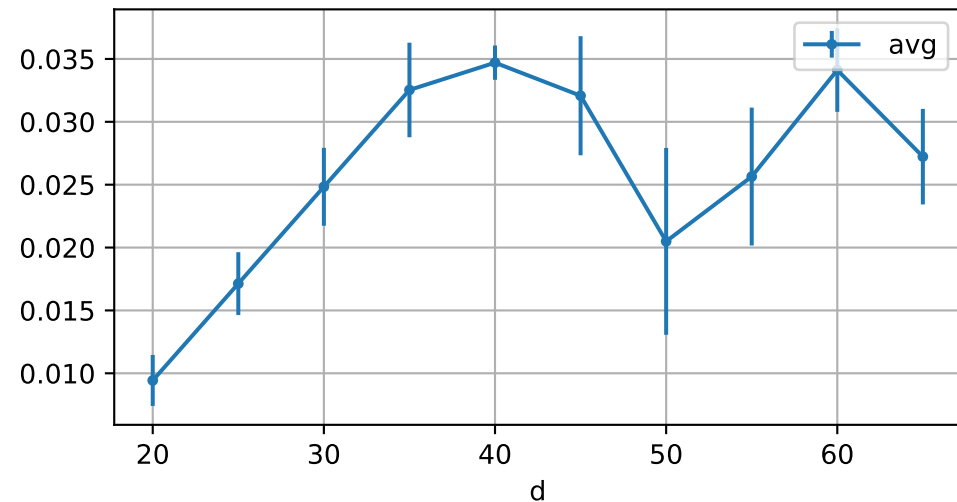
age=15



age=20

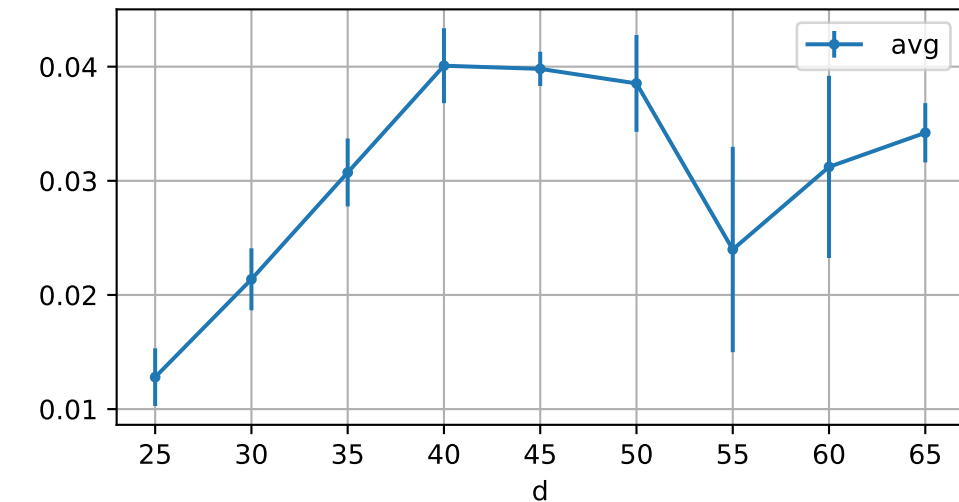


age=25



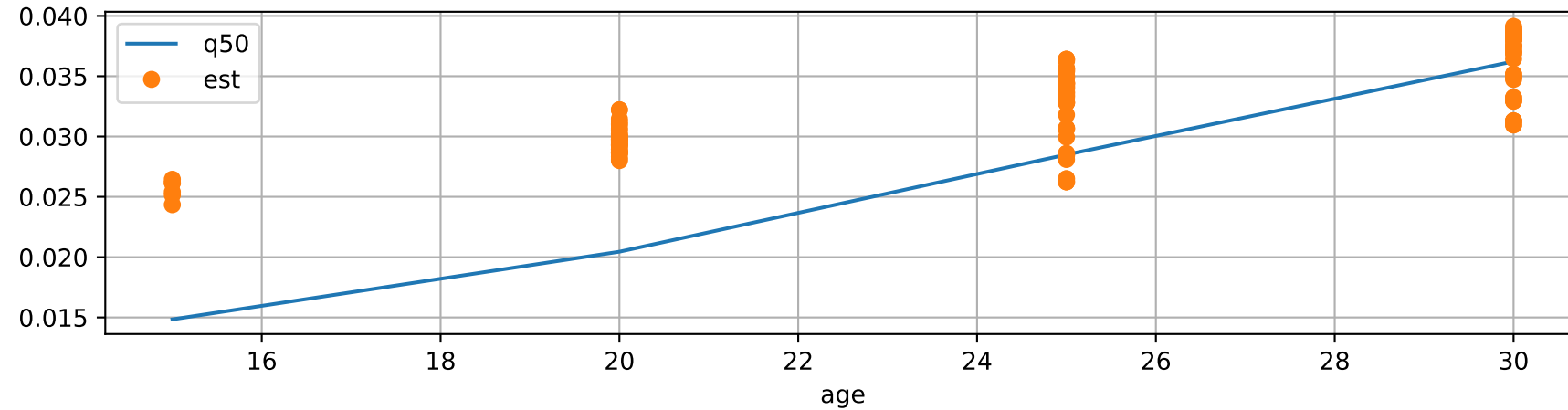
page 1

age=30



LfA: model est vs obsOv@Q50

page 2

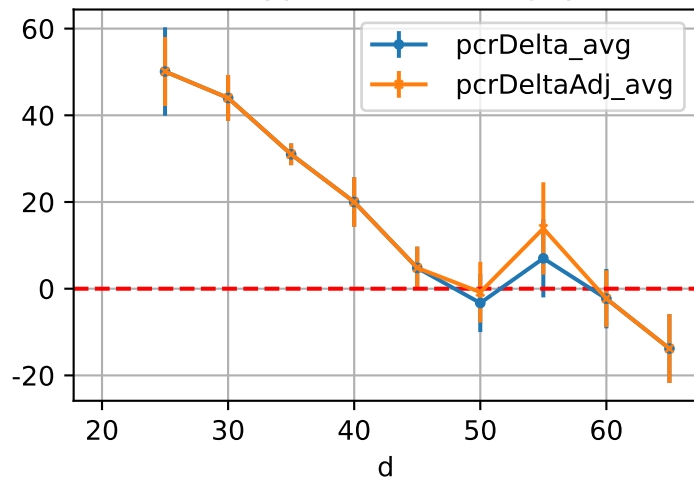
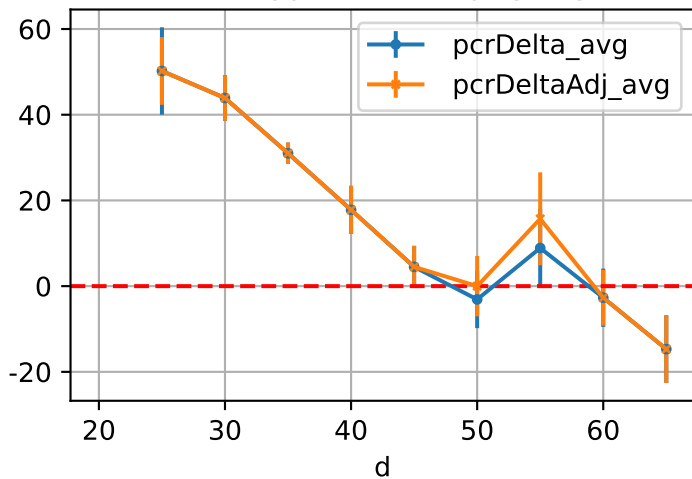
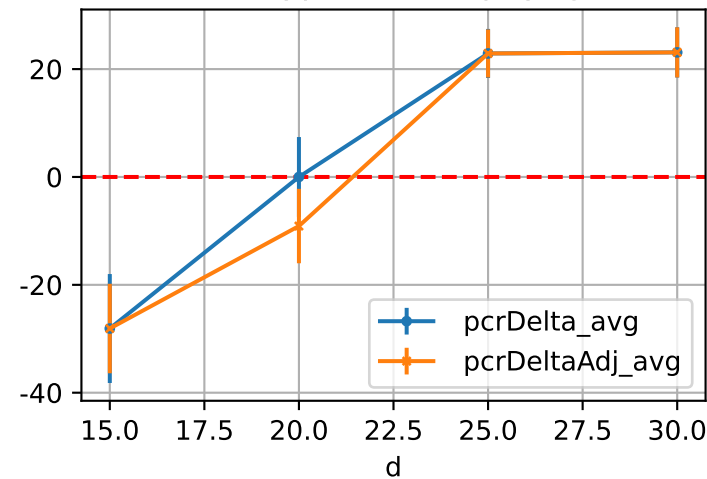


P10AE LfA: D_5d_LfA

DeltaTypeAbbr=GrpByAge

DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

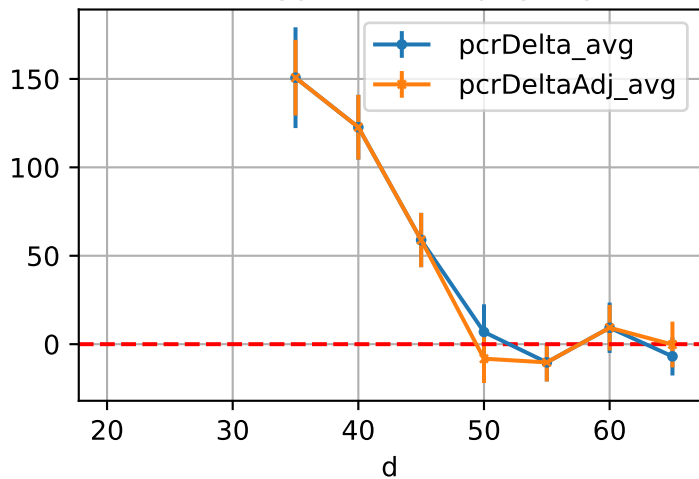
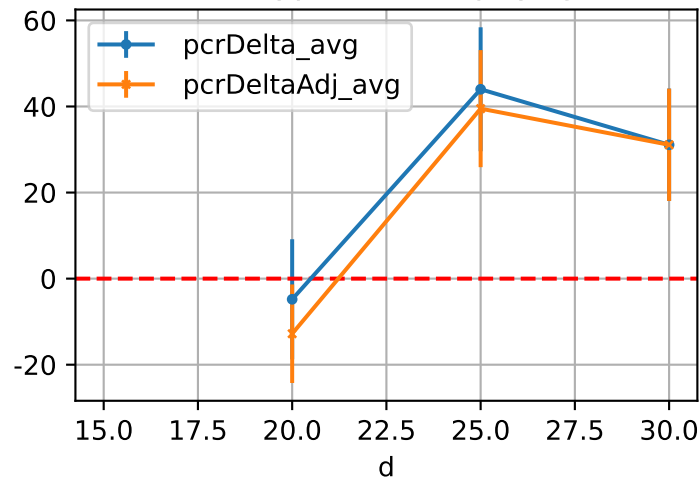


P10AE LfA: D_15d_LfA

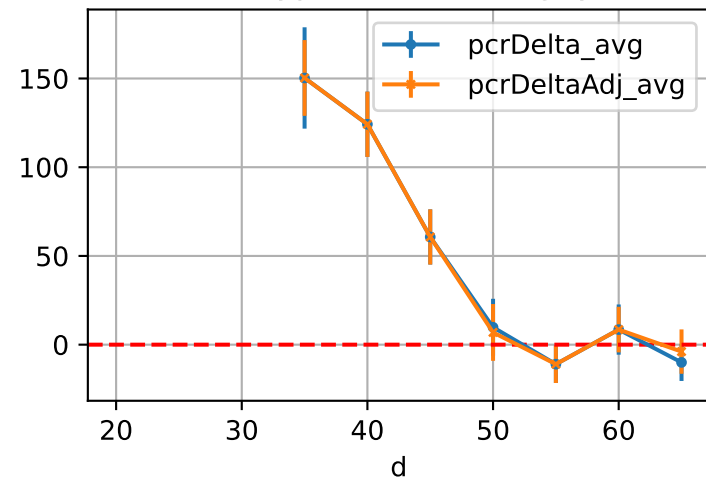
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DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD



page 4

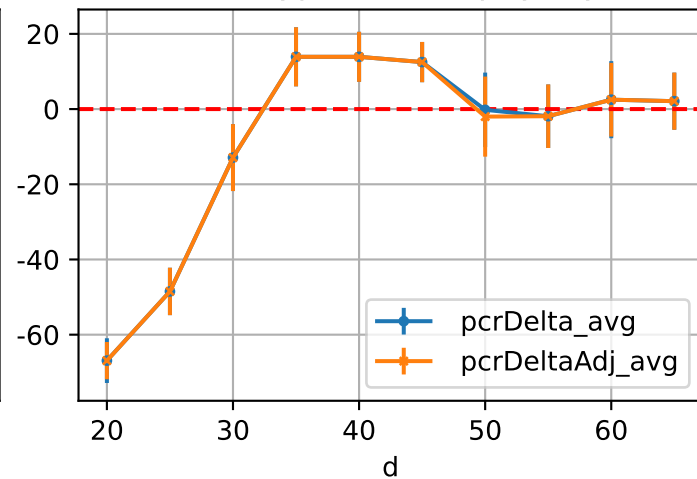
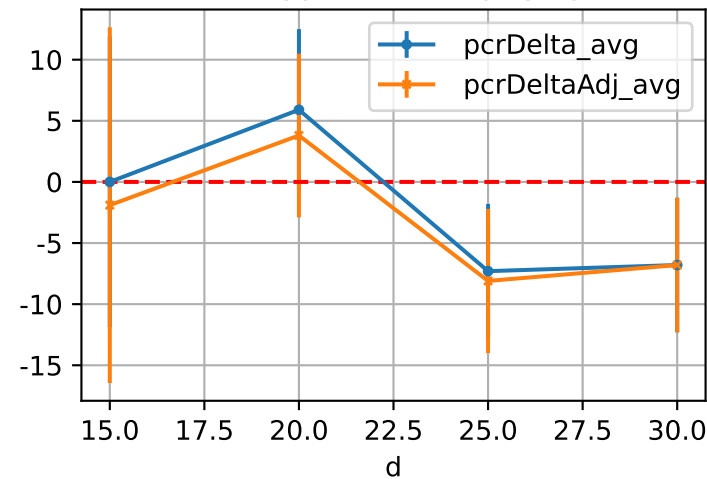


P10AE LfA: D_Q50_LfA

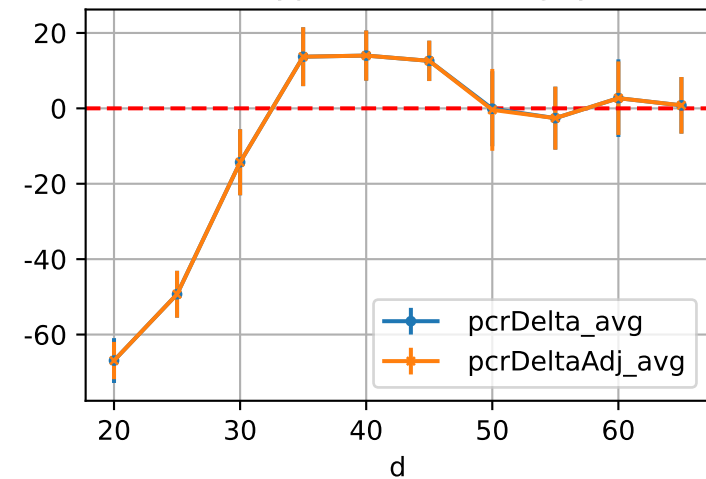
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DeltaTypeAbbr=GrpByDay

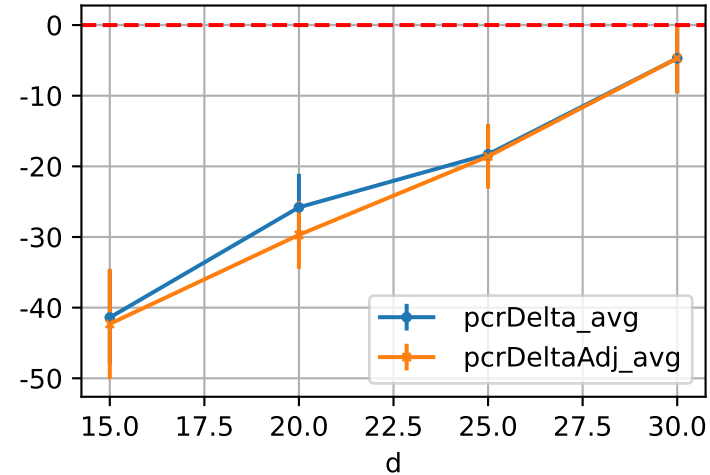
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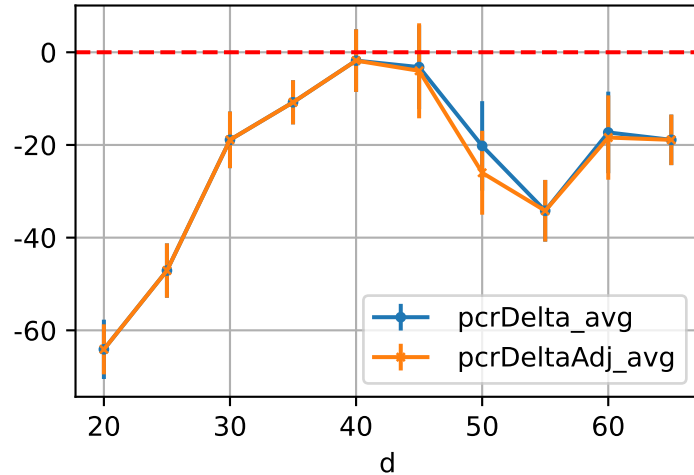
page 5



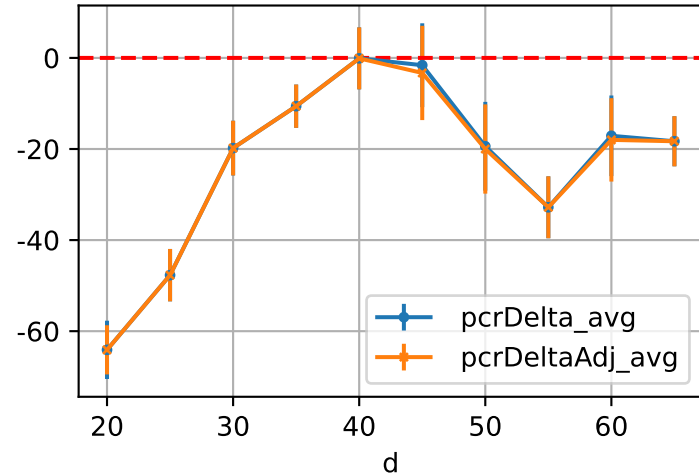
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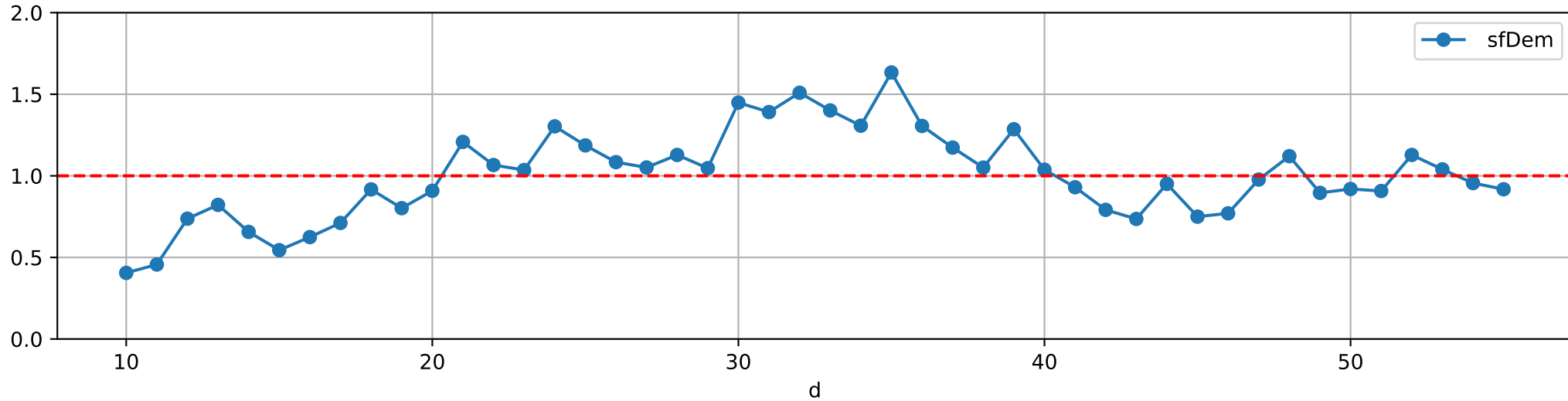
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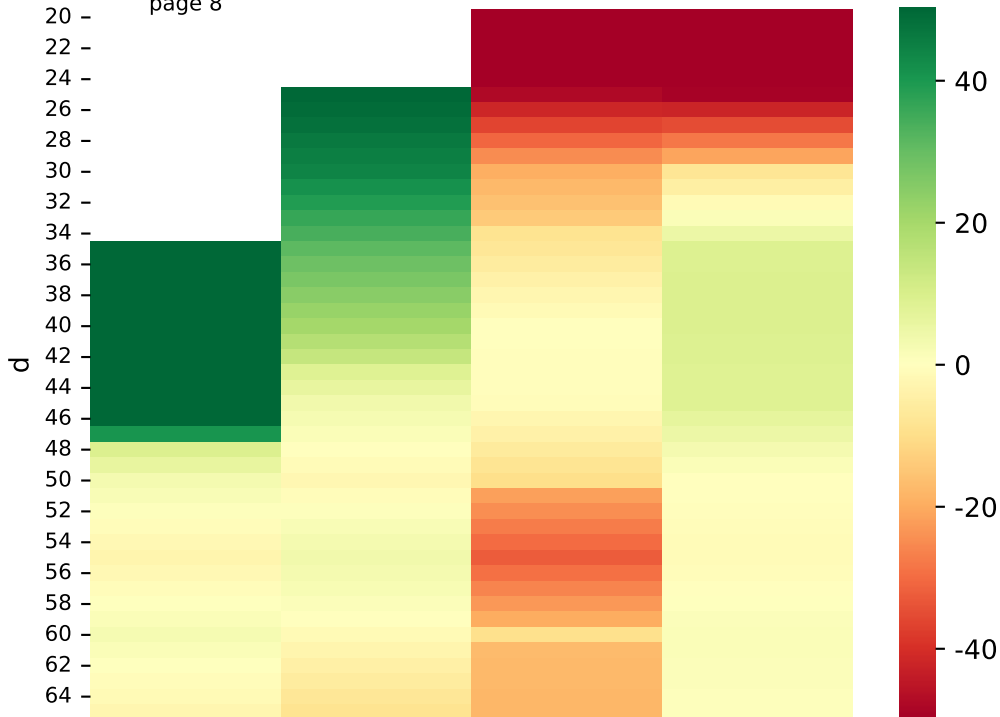


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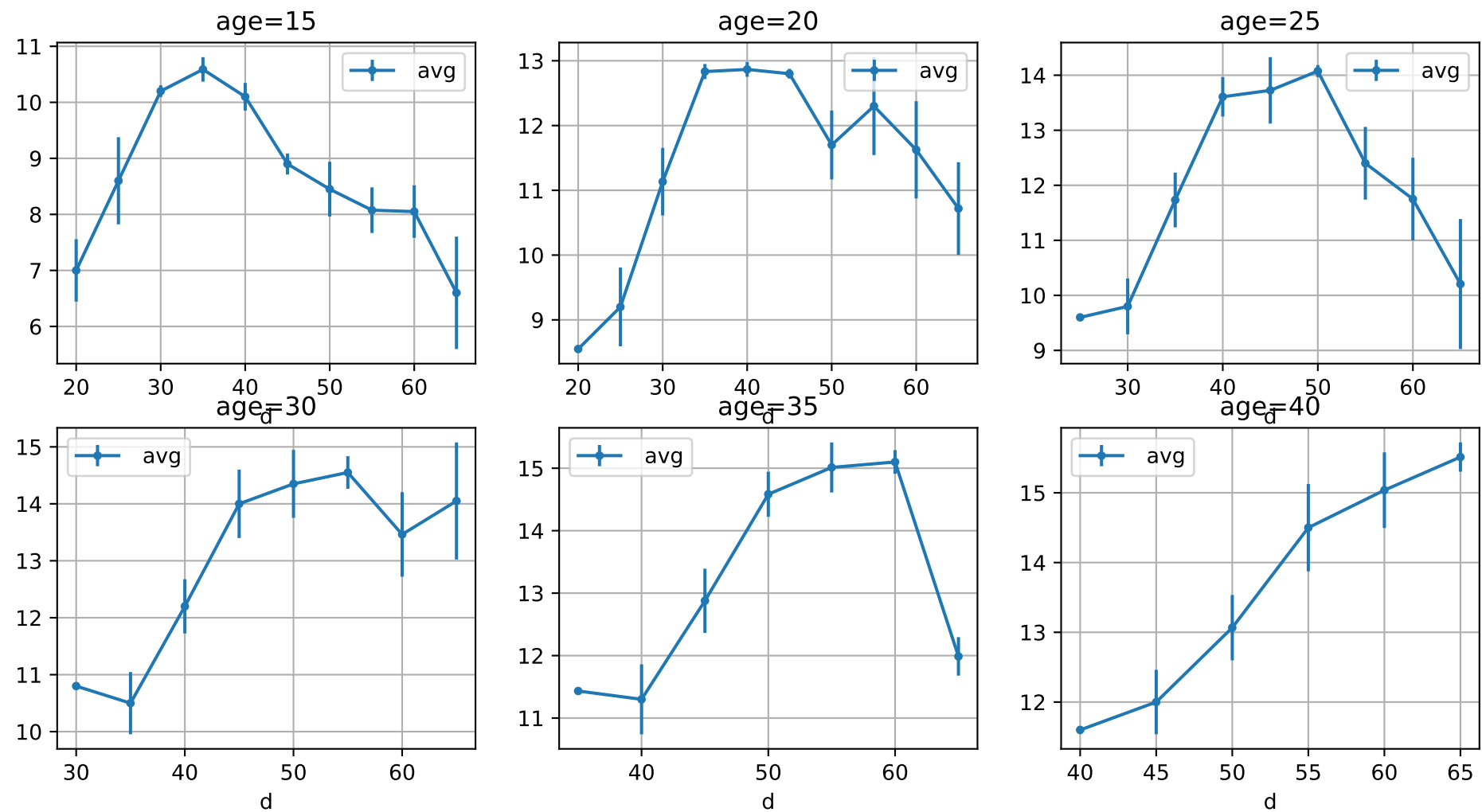


LfA: sfDem

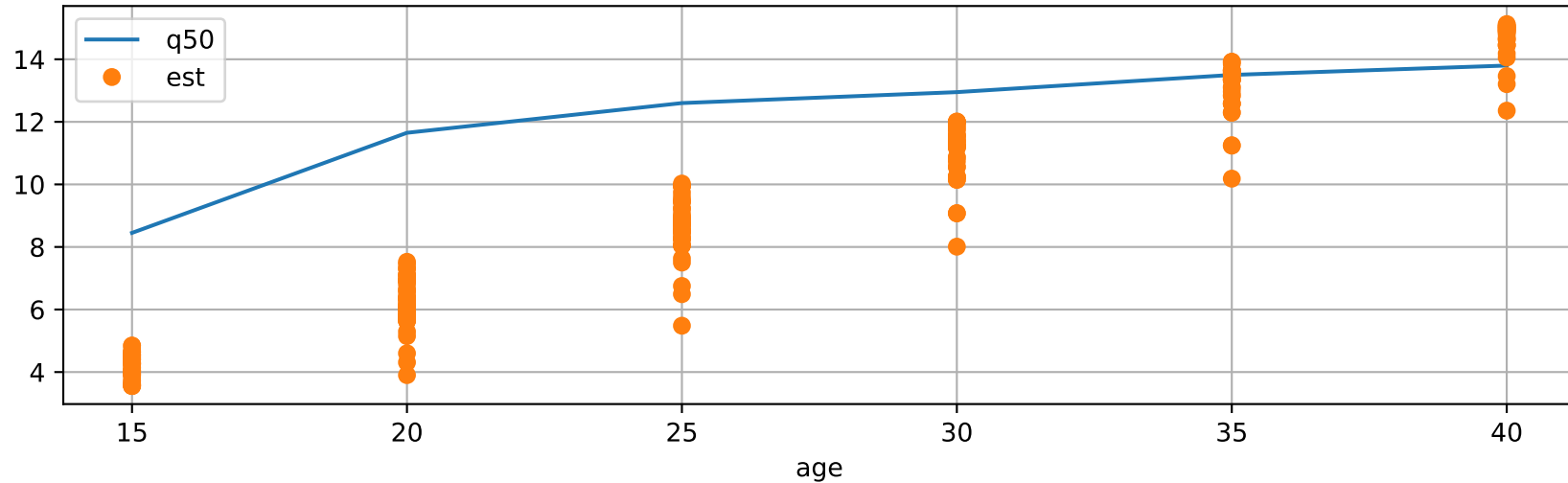




NdD: avg vs. d at each age group



NdD: model est vs obsOv@Q50

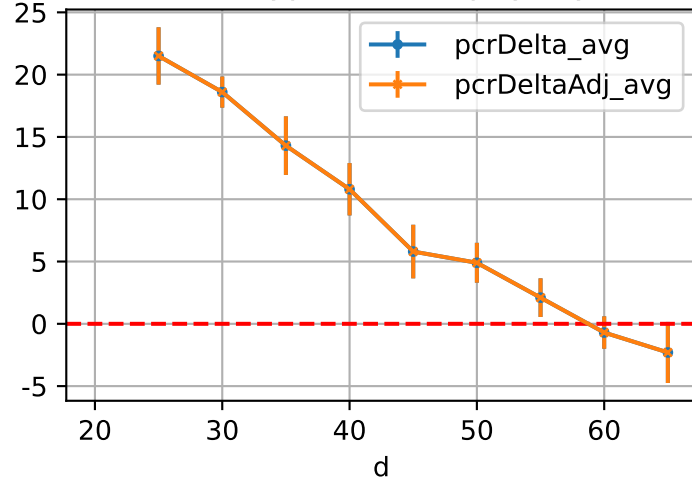
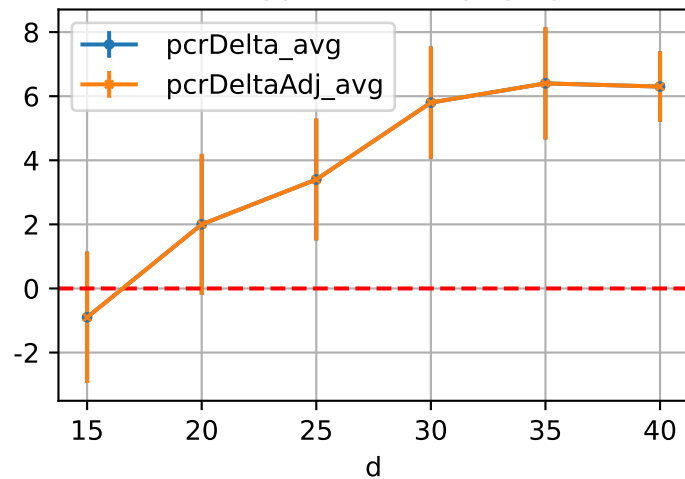


P10AE NdD: D_5d_NdD

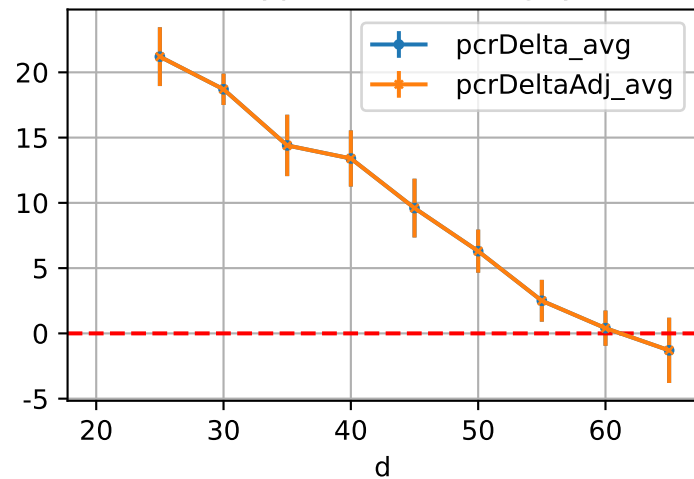
DeltaTypeAbbr=GrpByAge

DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD



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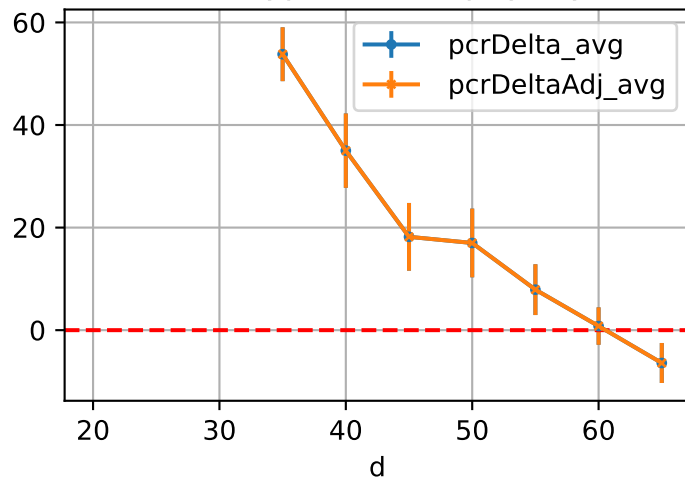
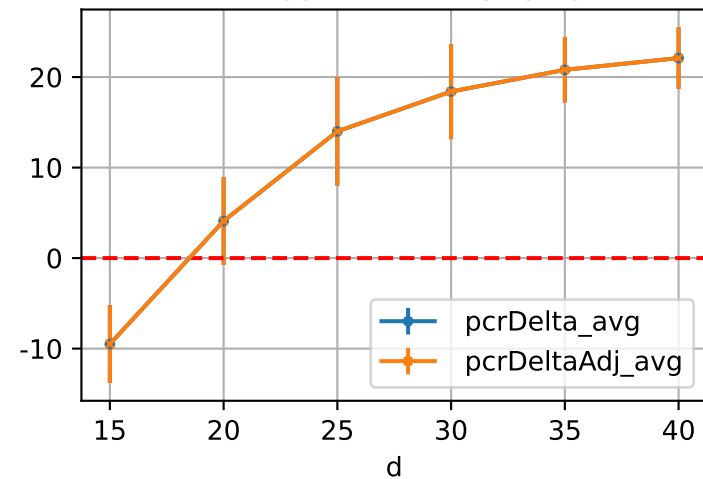


P10AE NdD: D_15d_NdD

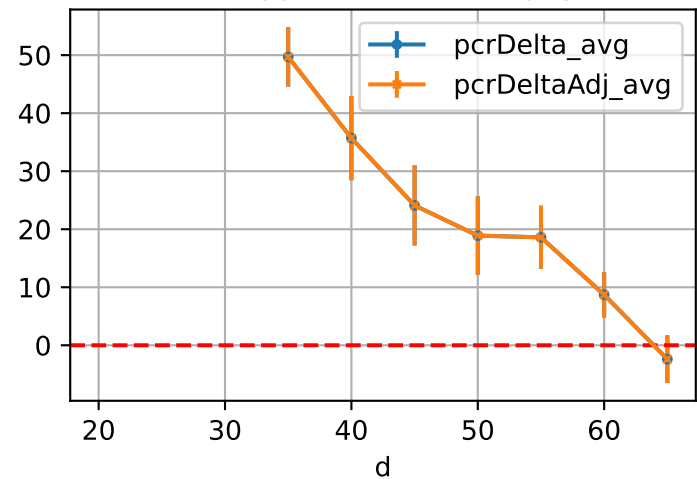
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DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

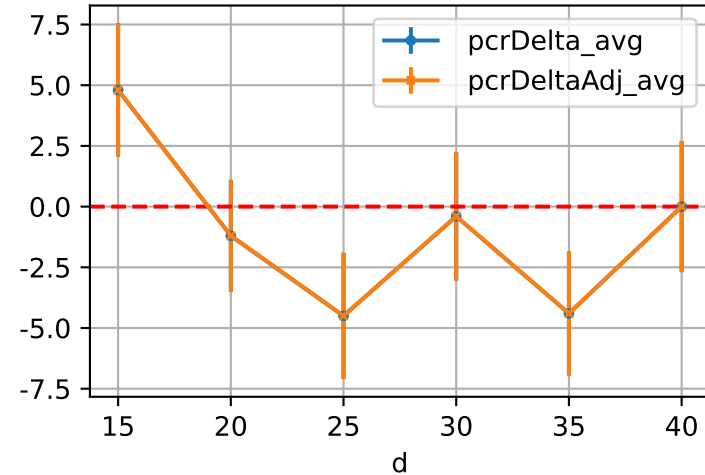


page 12

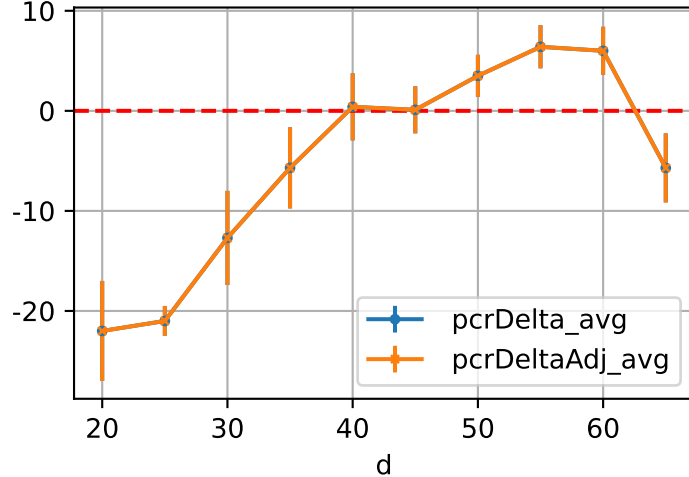


P10AE NdD: D_Q50_NdD

DeltaTypeAbbr=GrpByAge

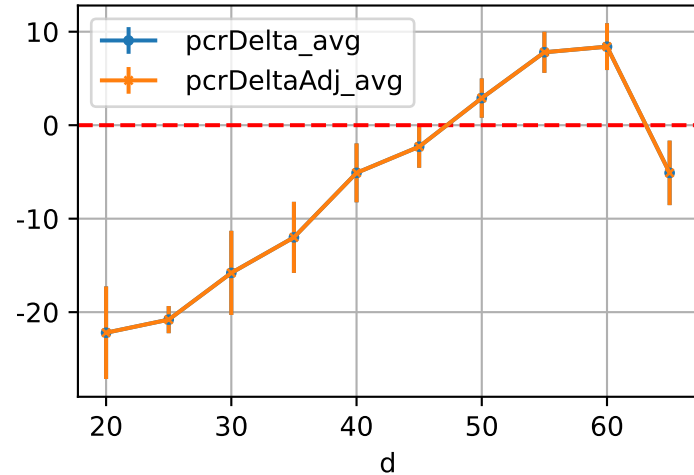


DeltaTypeAbbr=GrpByDay



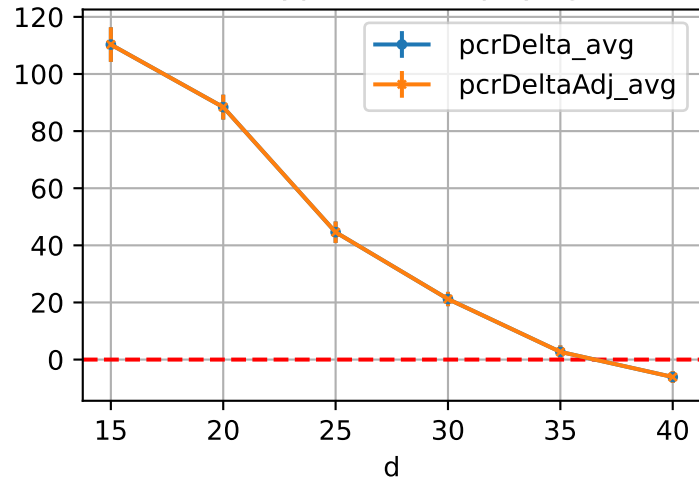
page 13

DeltaTypeAbbr=WeiAvgByD

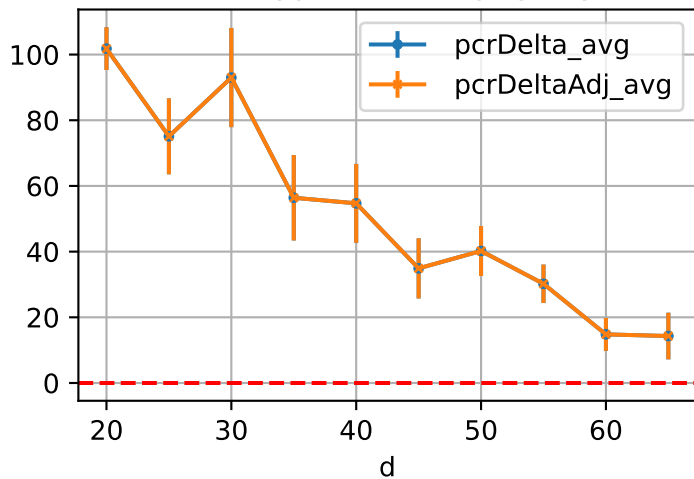


P10AE NdD: D_Est_NdD

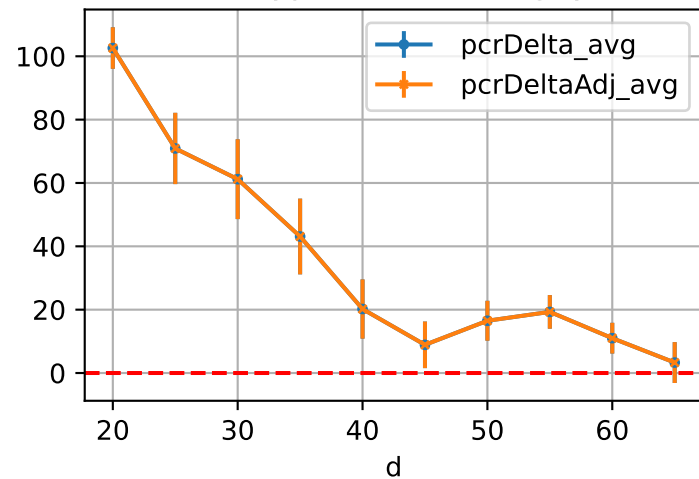
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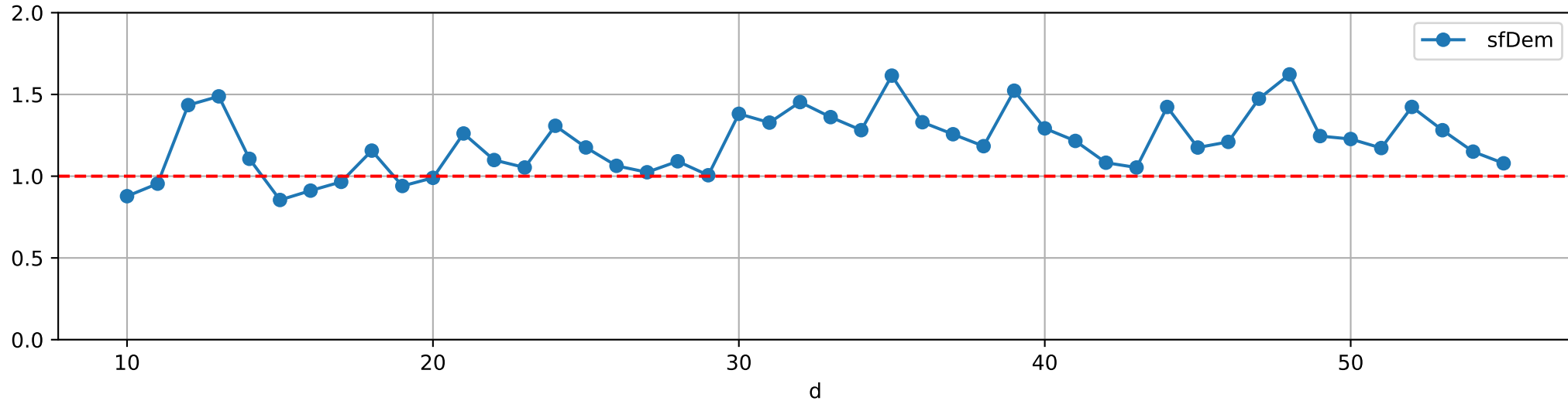
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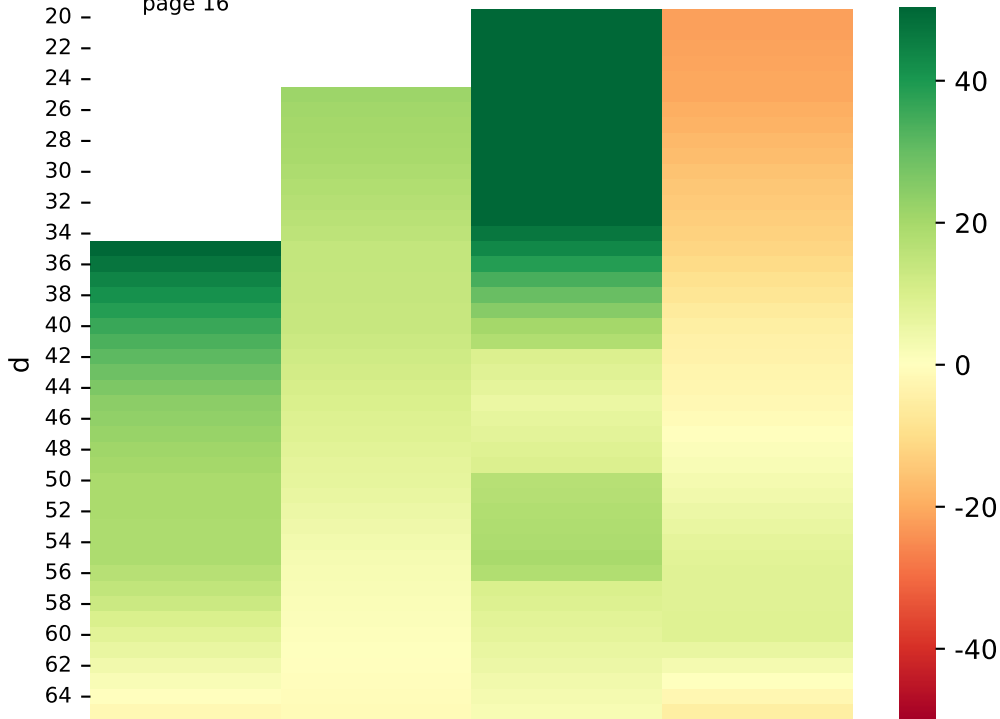


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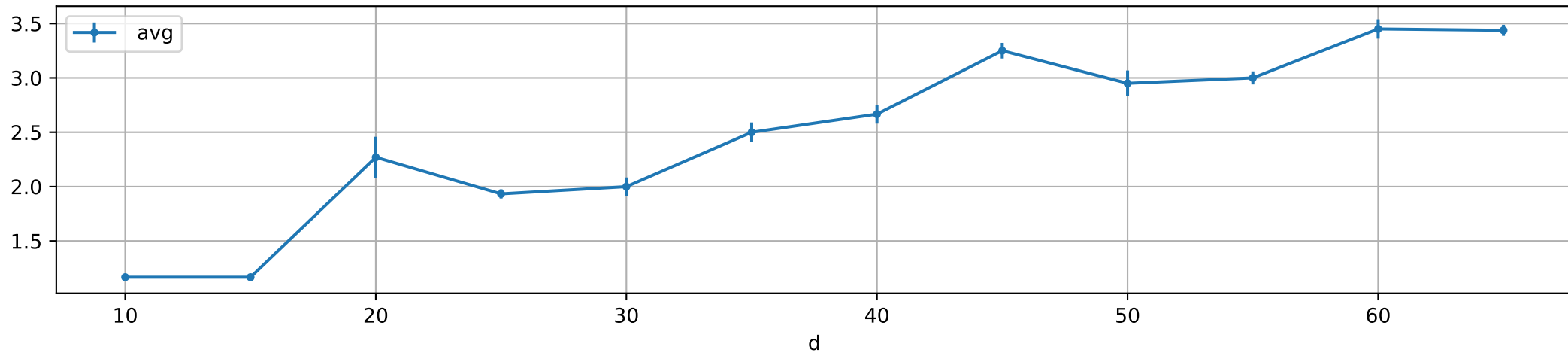


NdD: sfDem

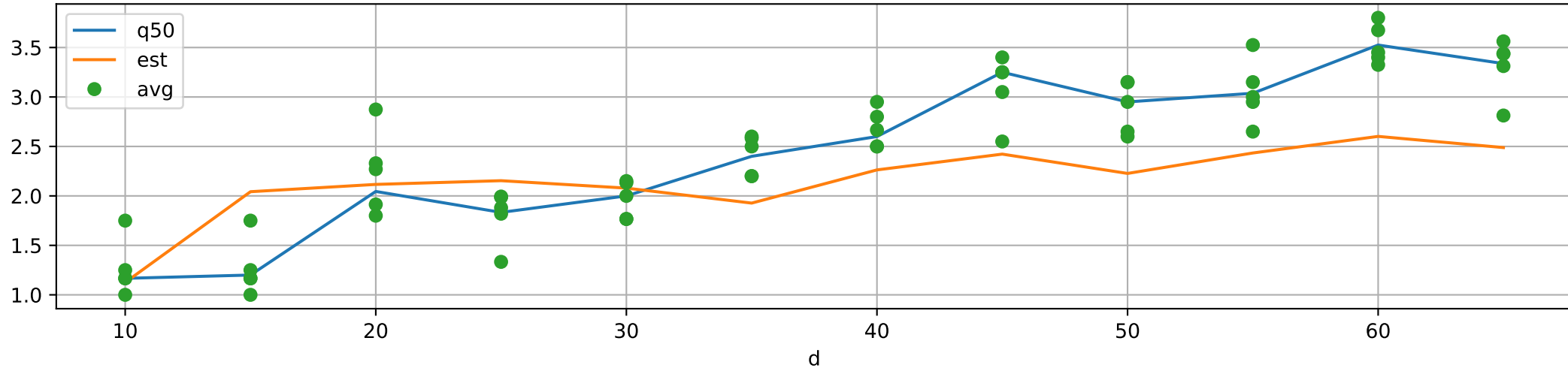




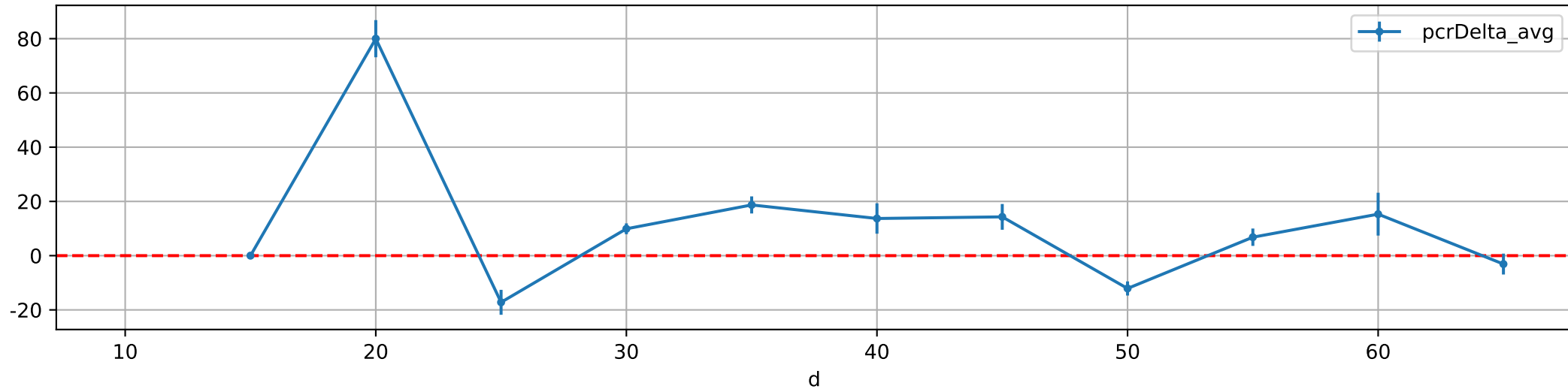
dStH: avg vs. d



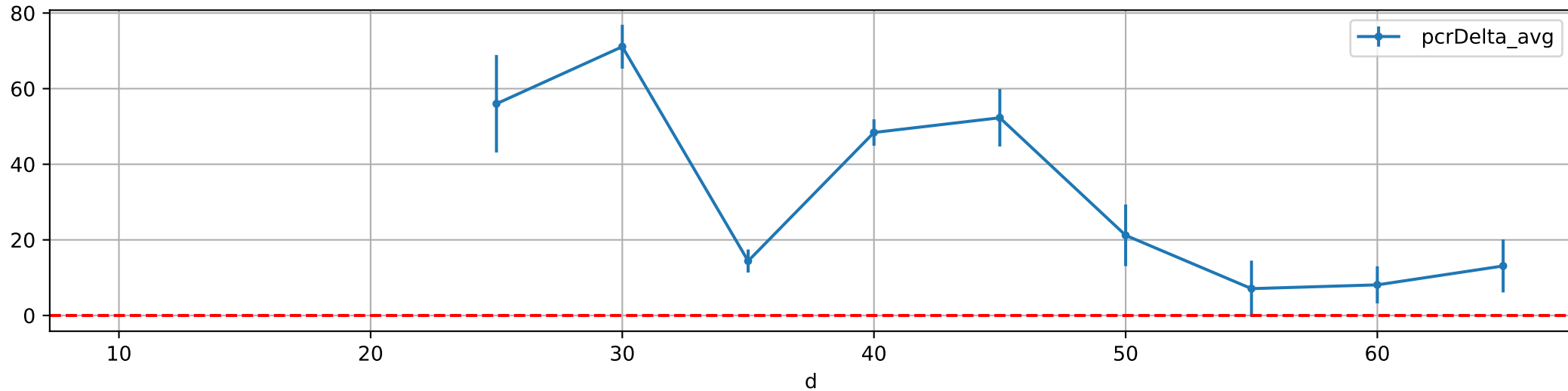
dStH: obsAvg vs obsOv@Q50



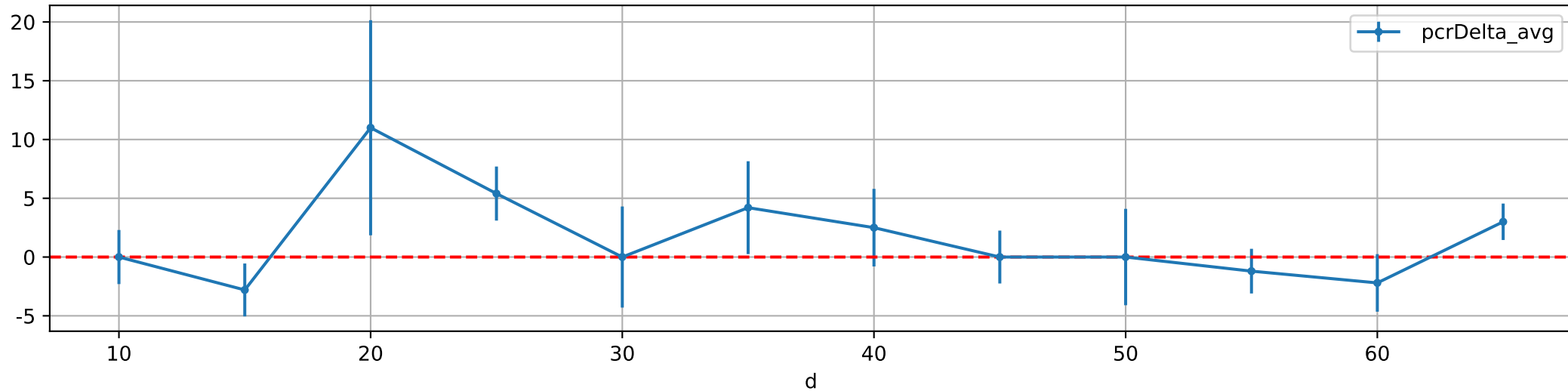
dStH: D_5d_StH



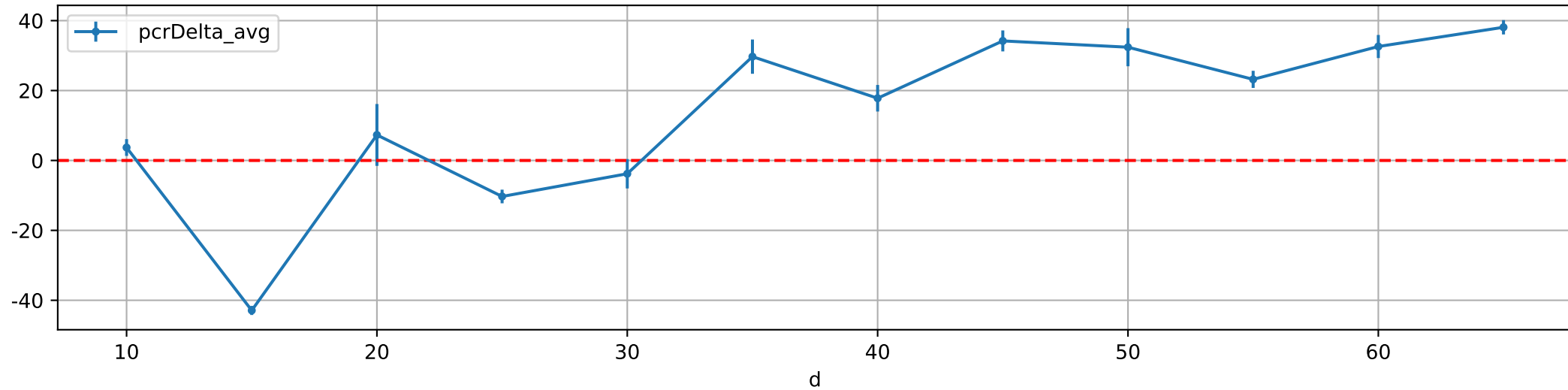
dStH: D_15d_StH



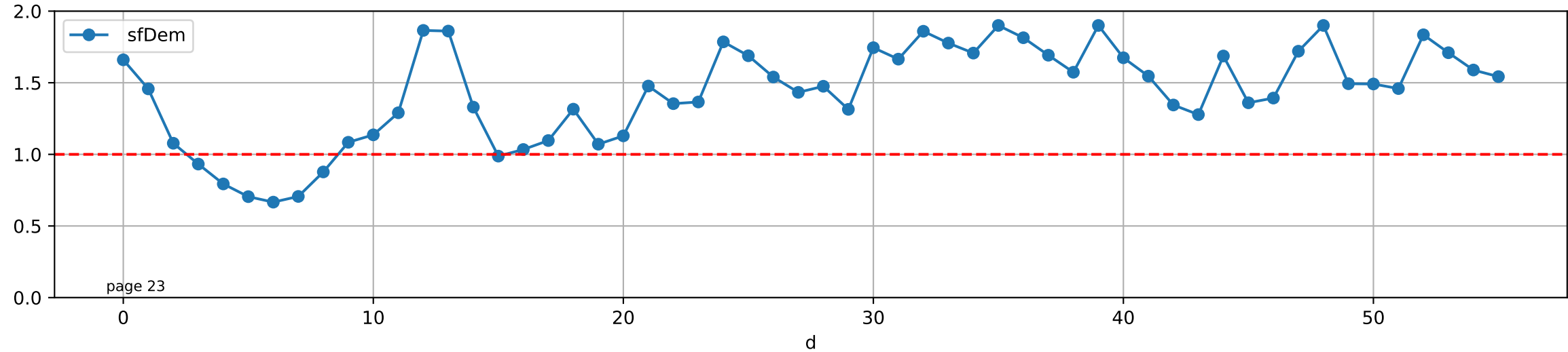
dStH: D_Q50_StH

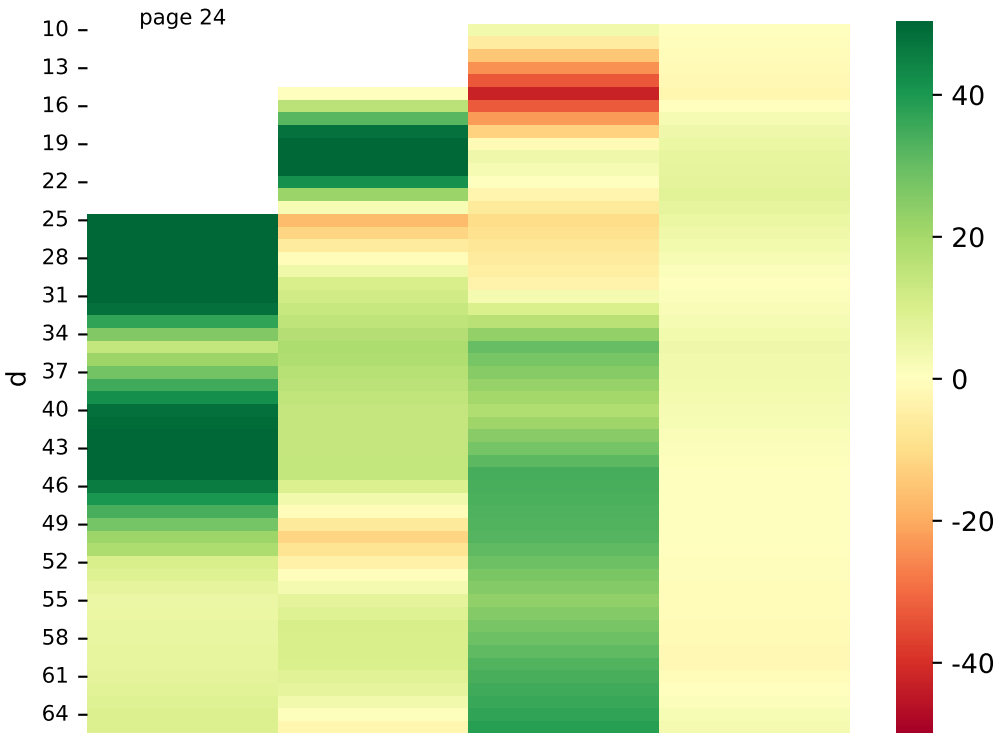


dStH: D_Est_StH



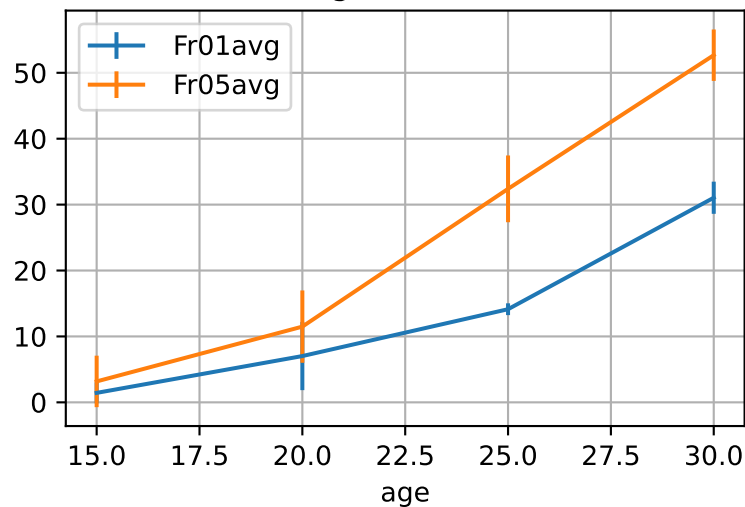
dStH: sfDem



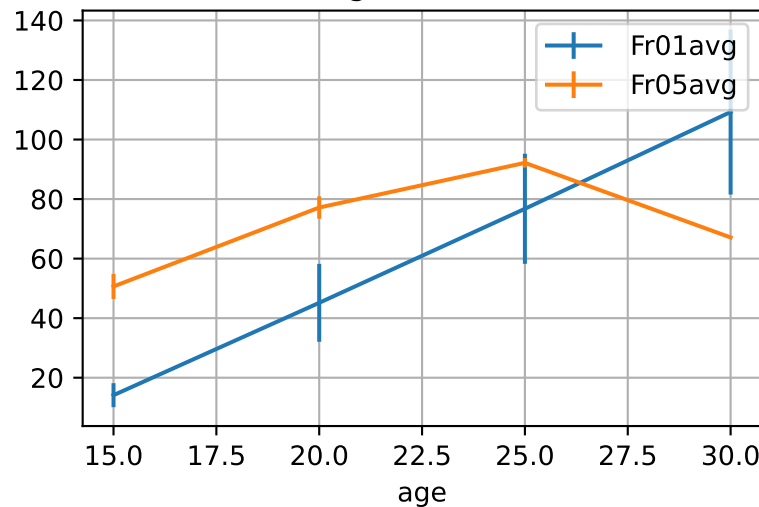


FrV: Fr01 vs Fr05 at each truss

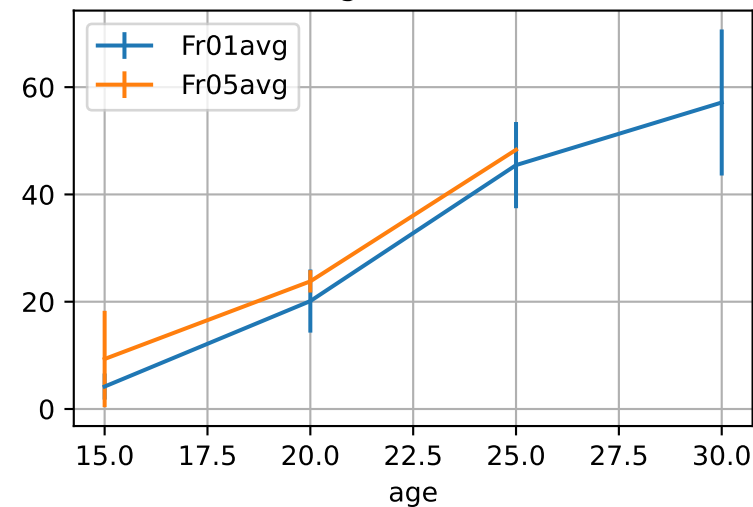
organID=T01



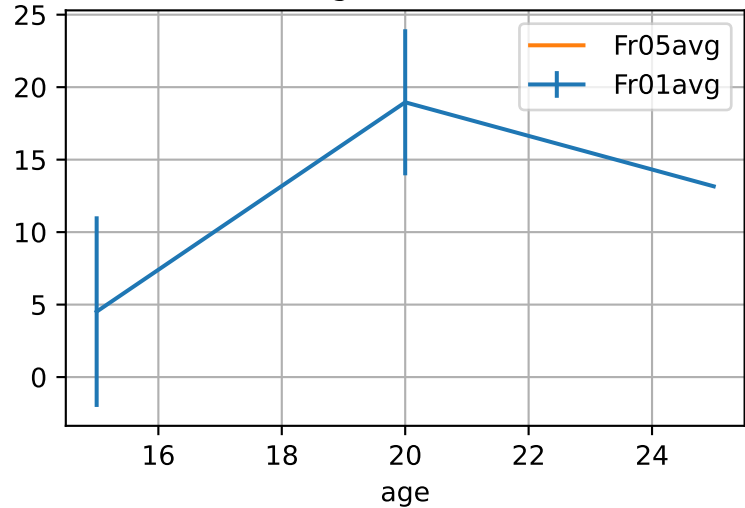
organID=T02



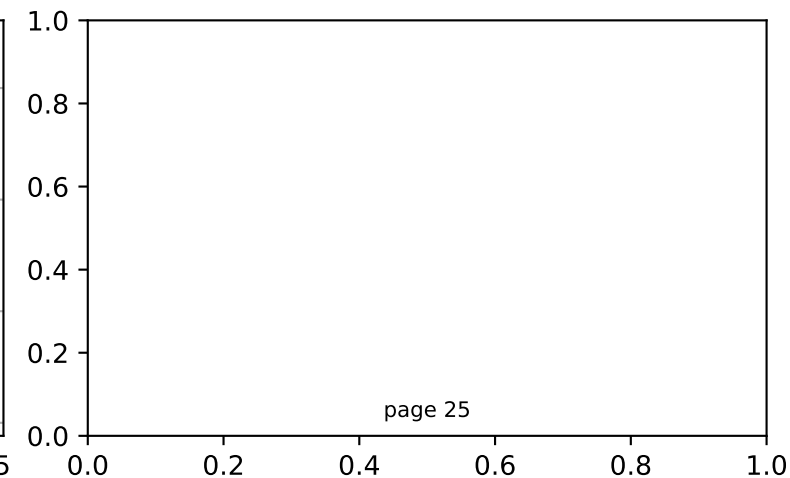
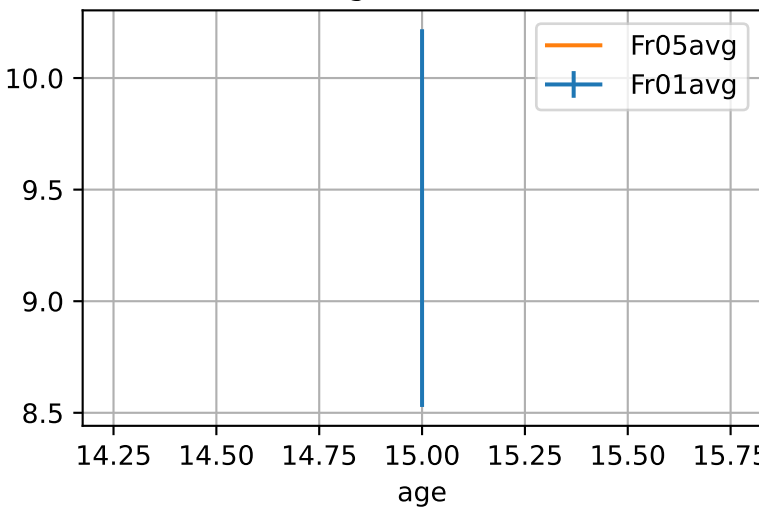
organID=T03



organID=T04

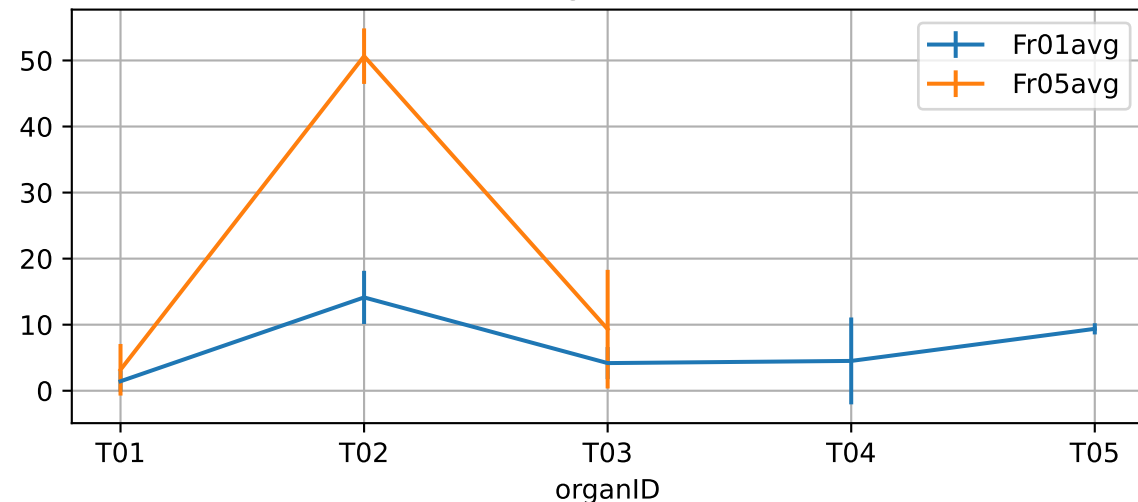


organID=T05

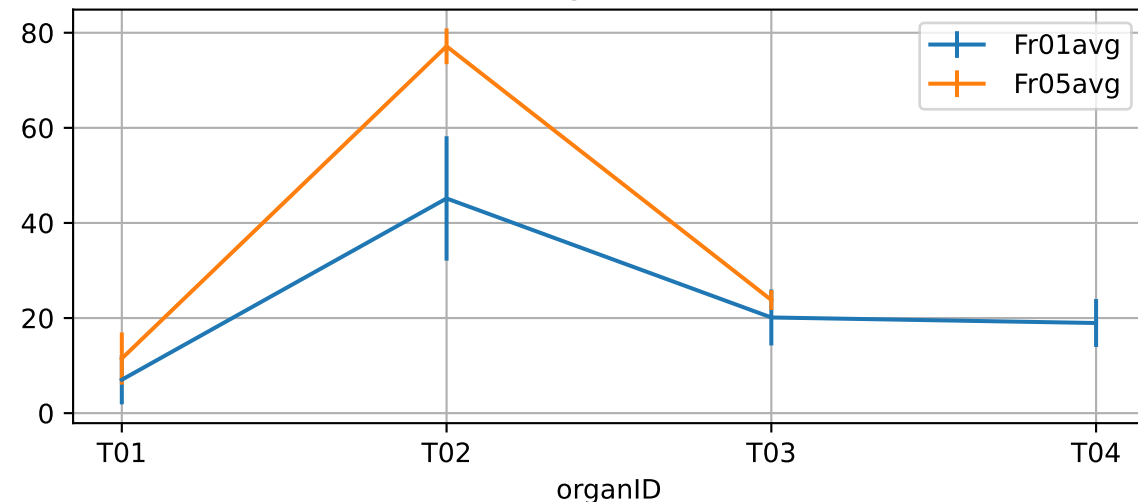


FrV trend at each age

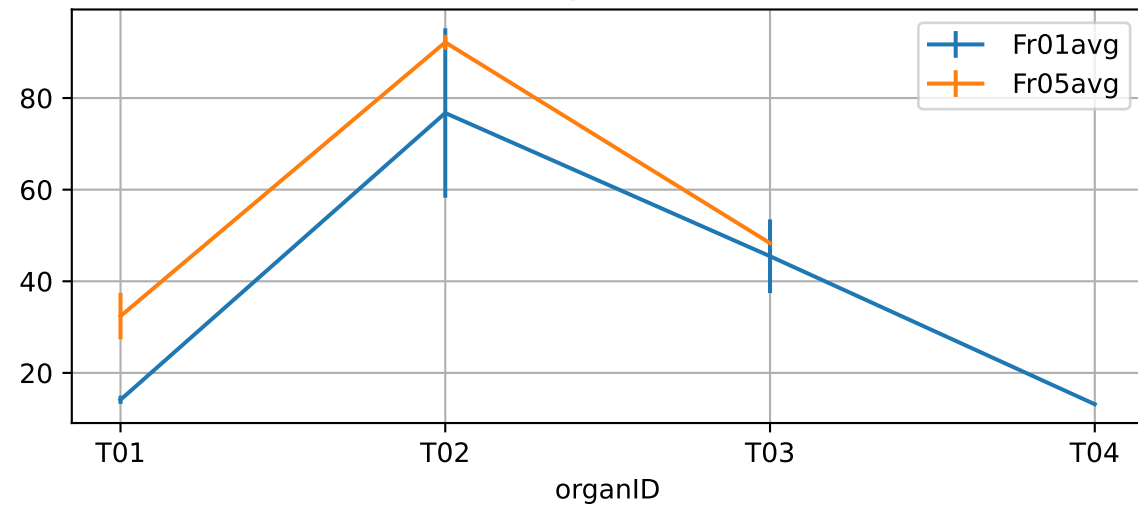
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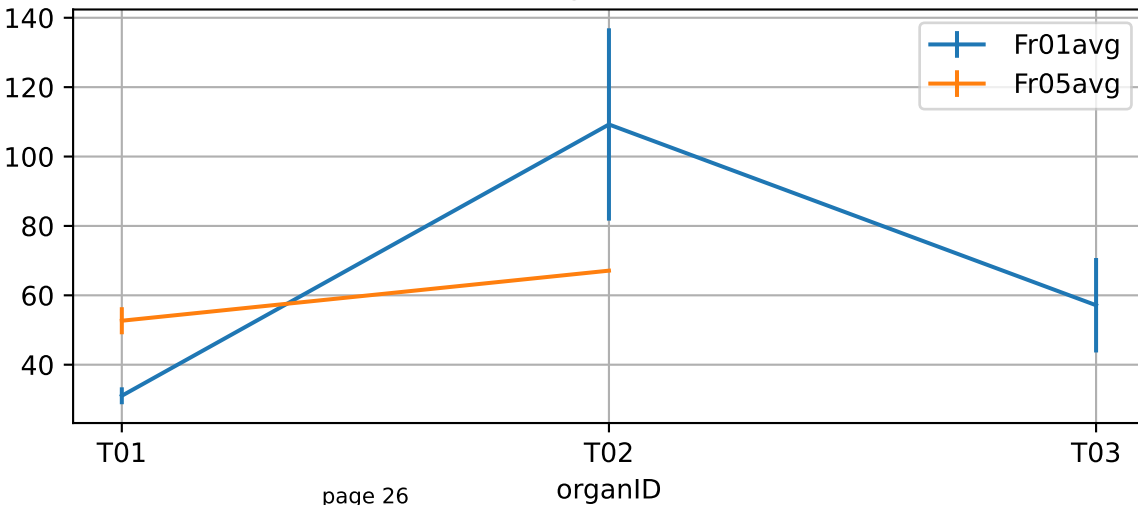
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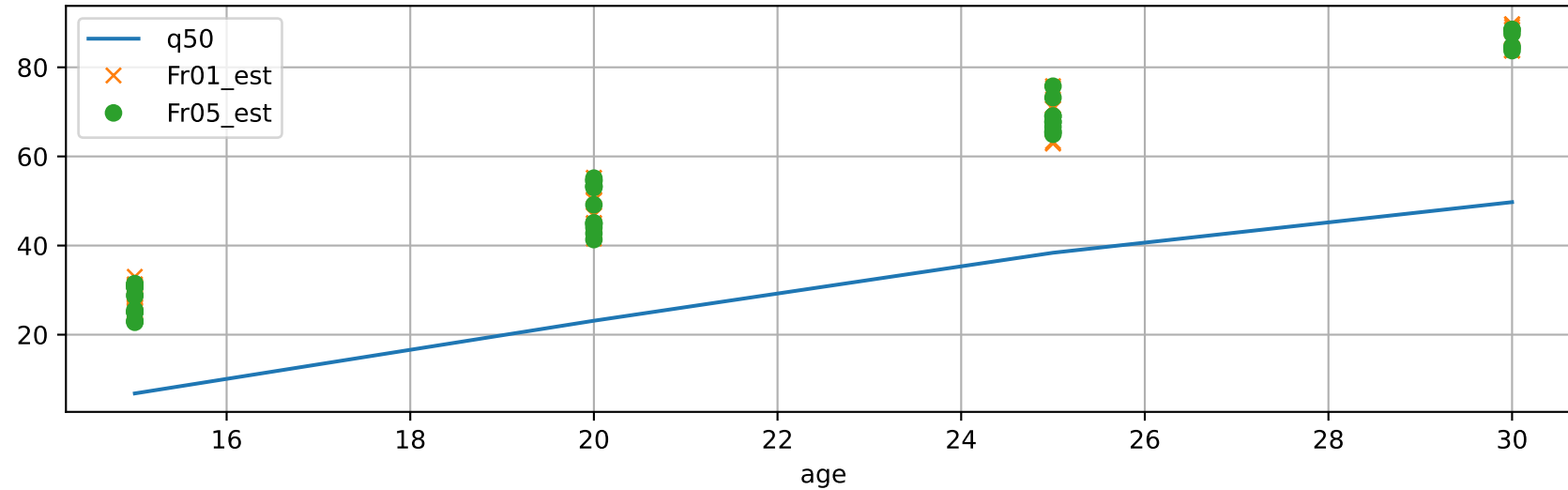
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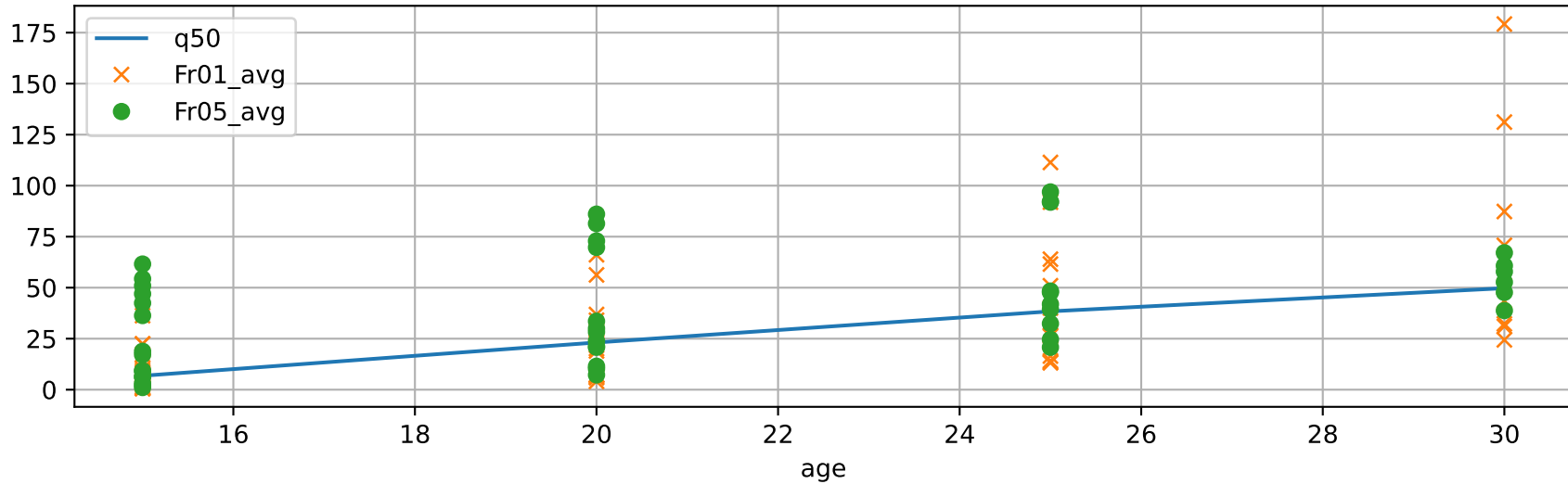
age=30



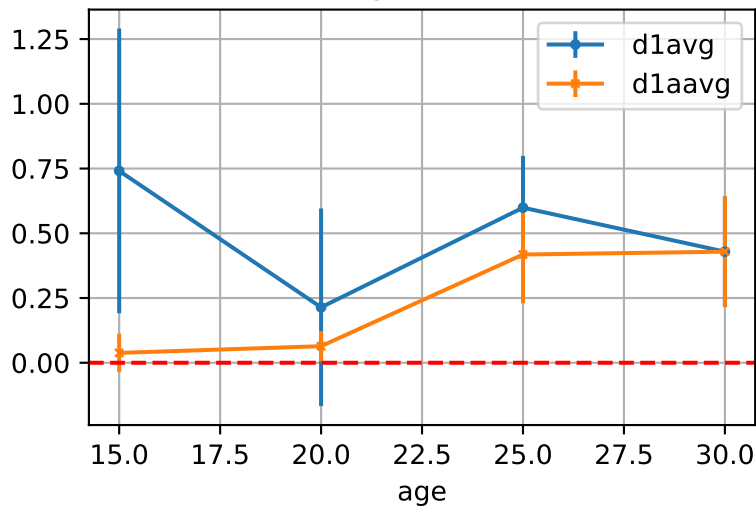
FrV: model Est vs obsFrV at Q90



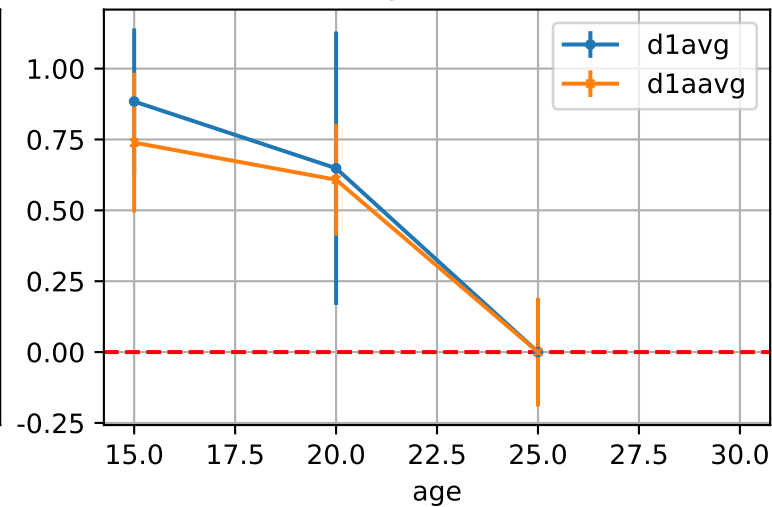
FrV: obsFrV vs obsFrV@Q90



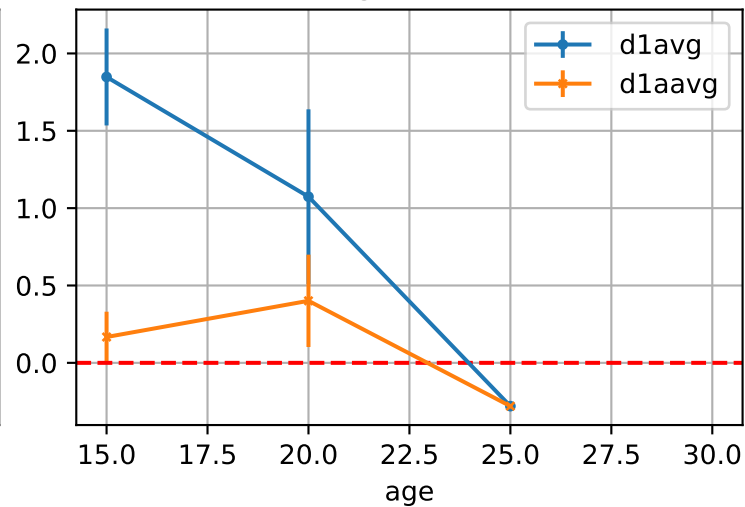
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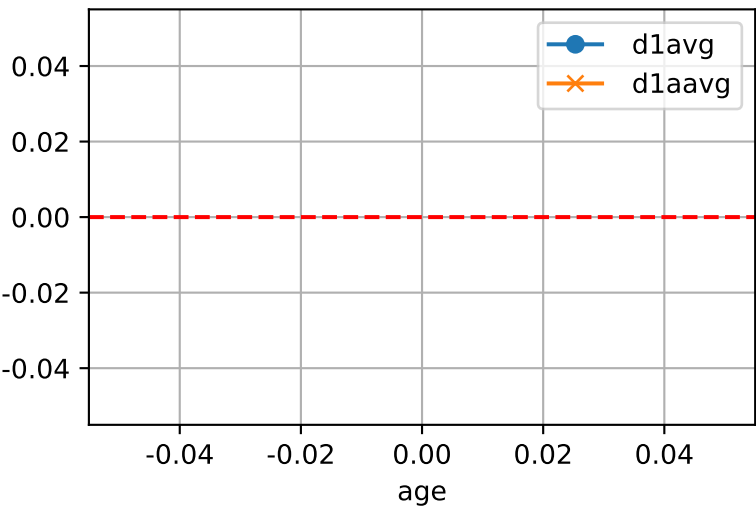
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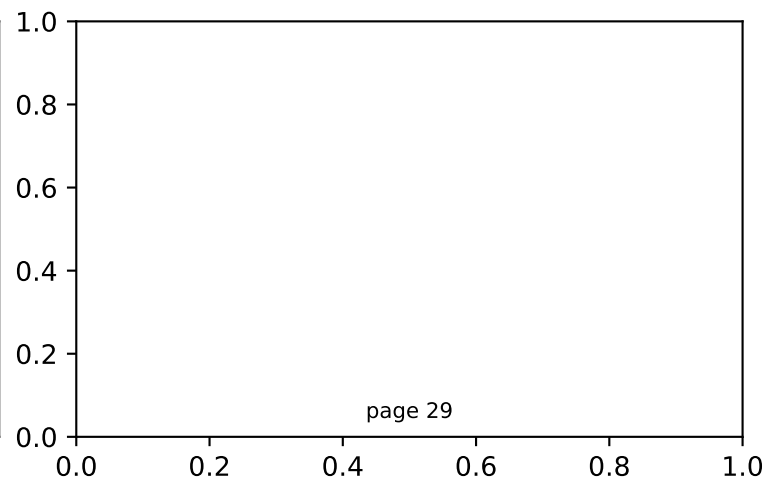
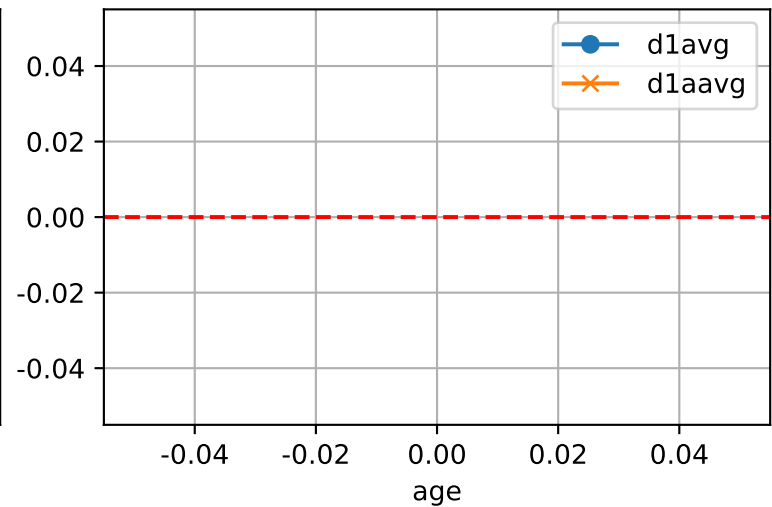
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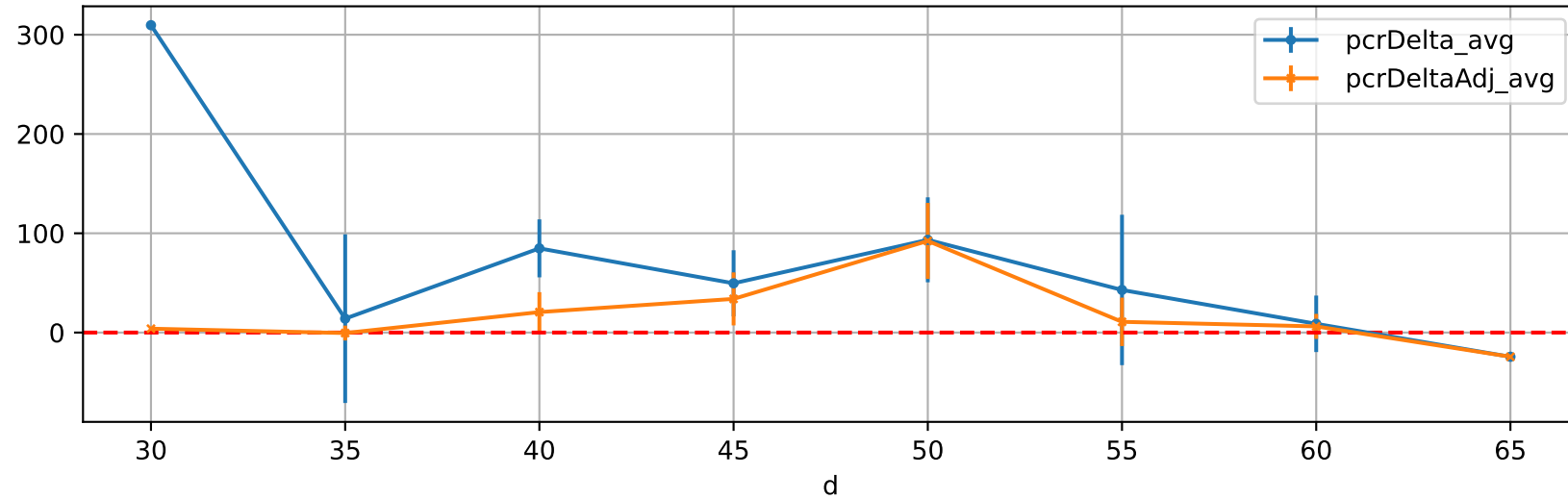
organID=4



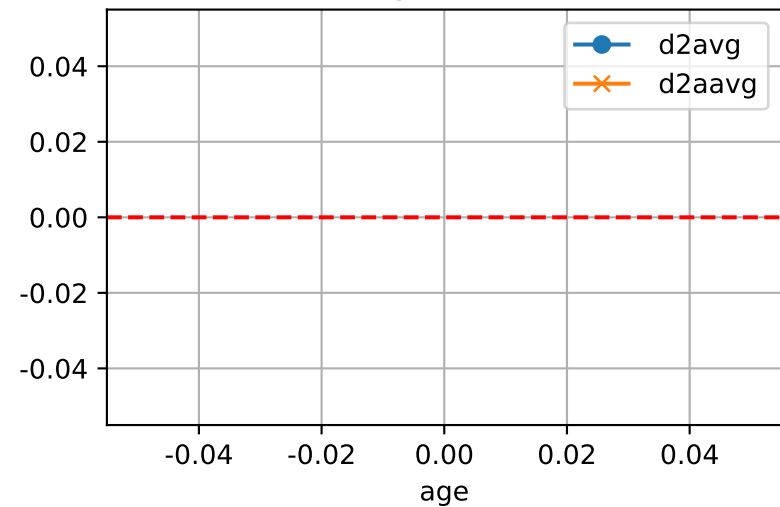
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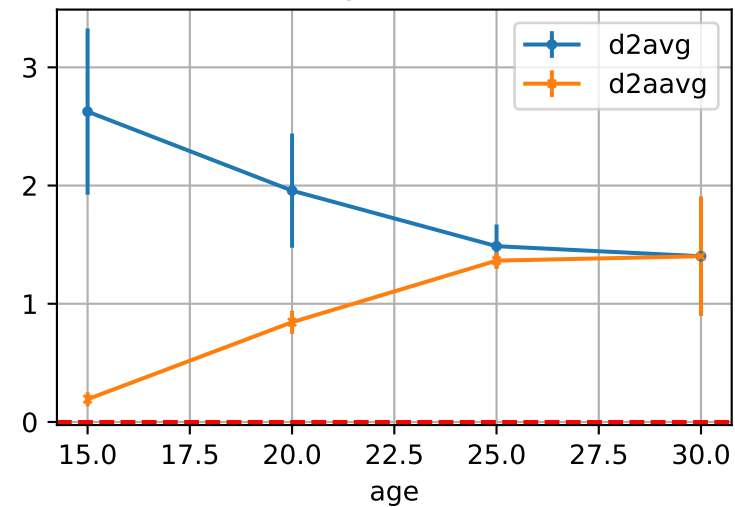
P10AE FrV: D_Fr1_FrV



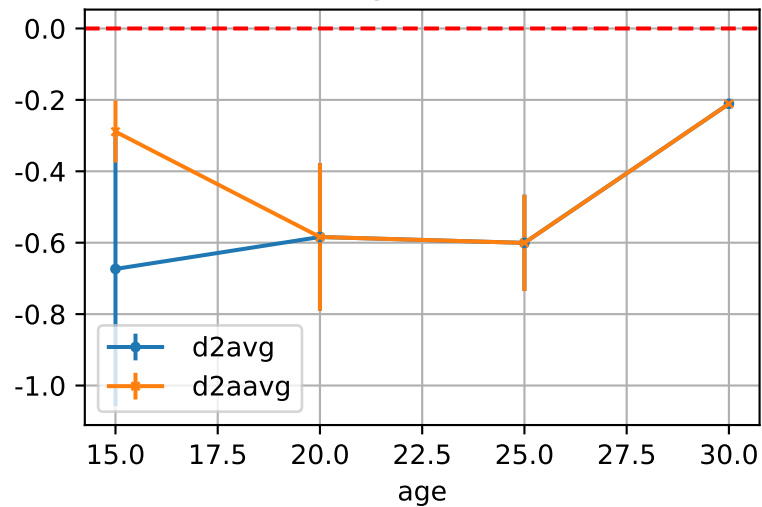
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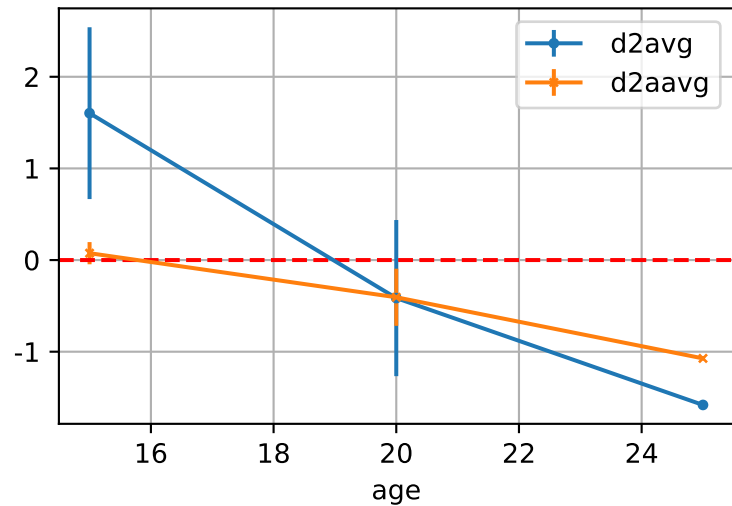
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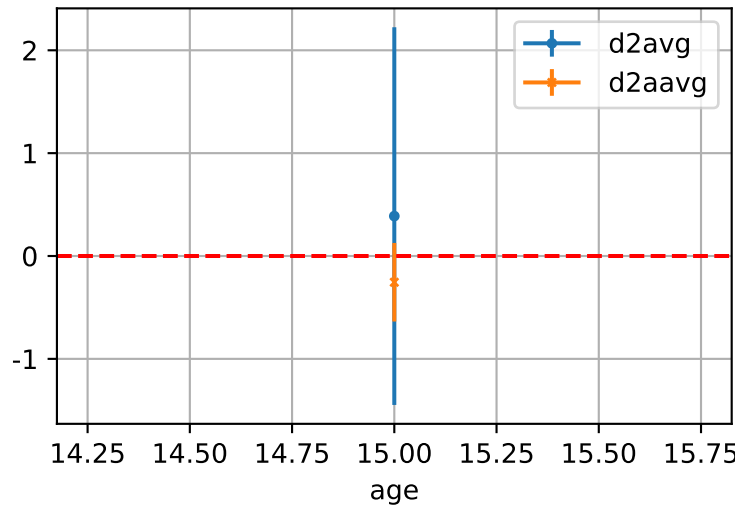
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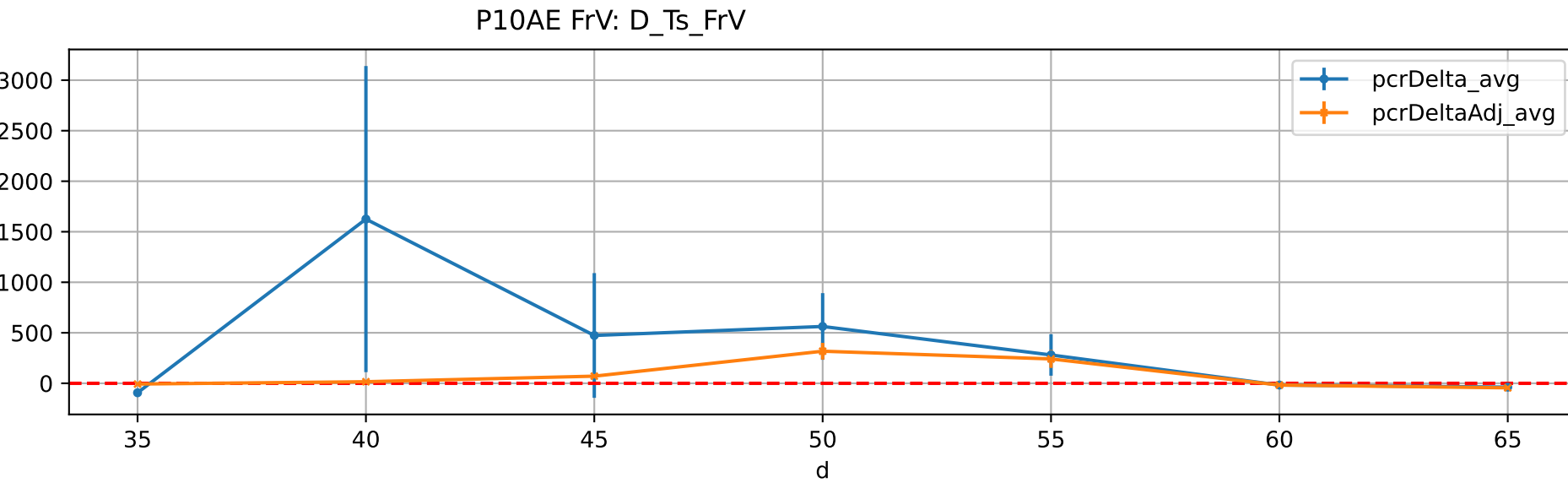


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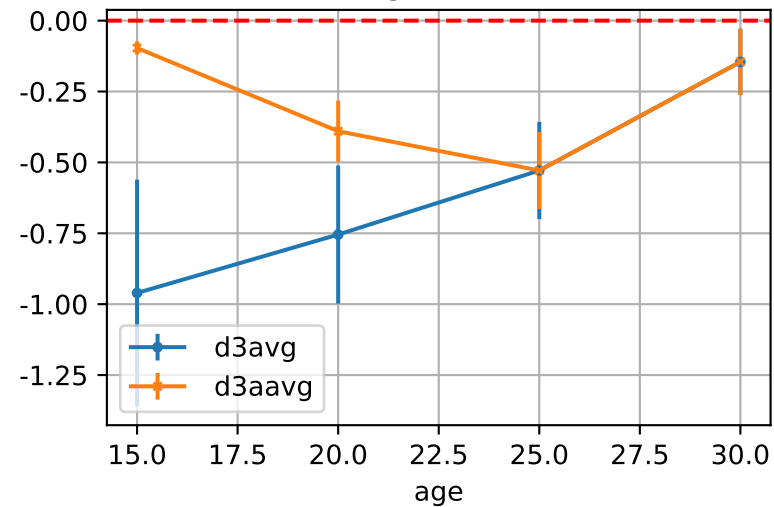


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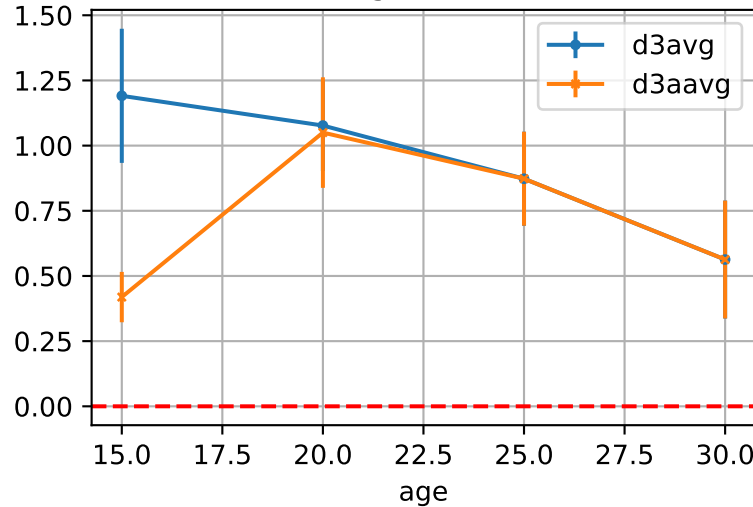




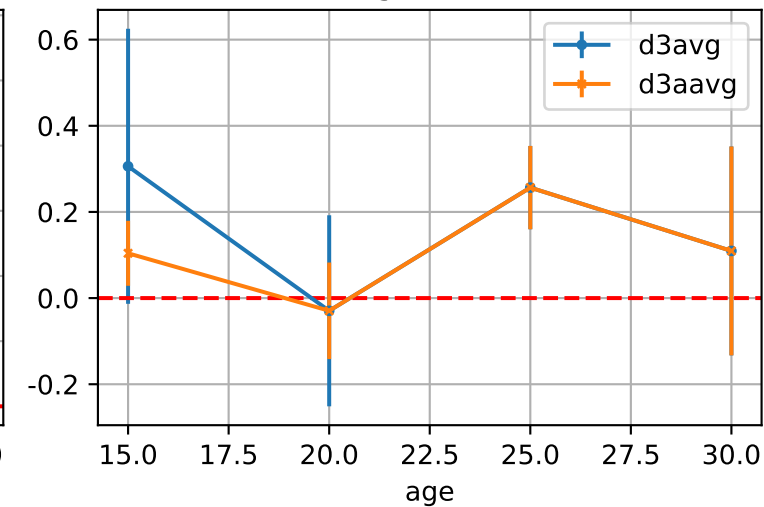
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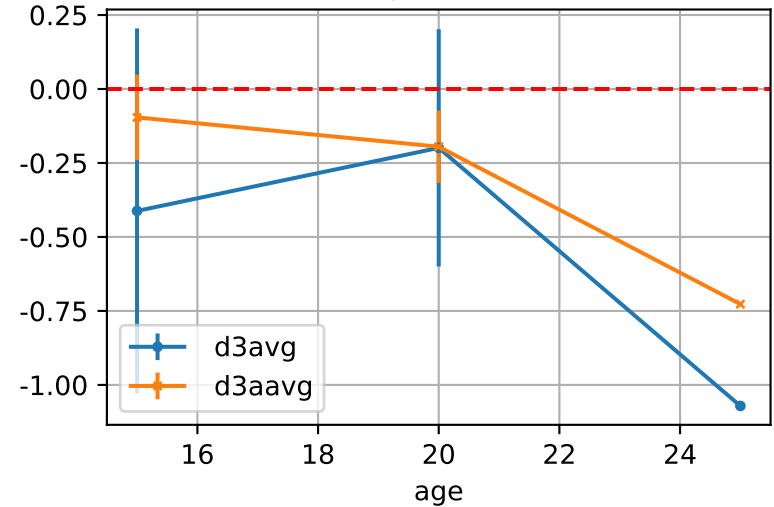
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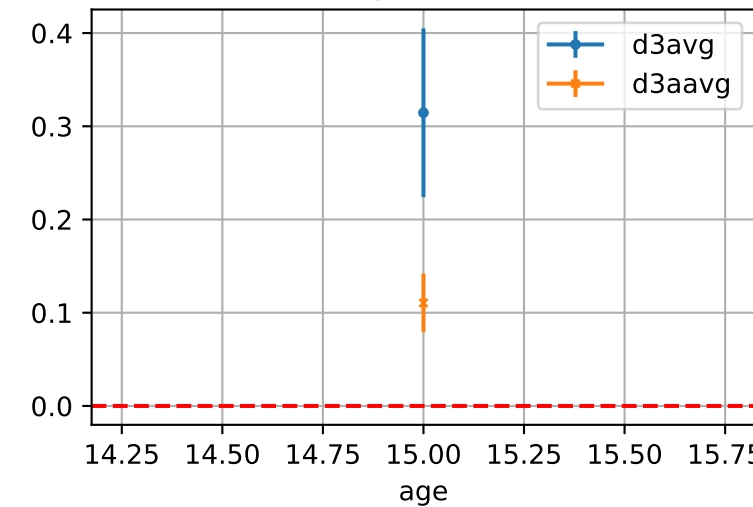
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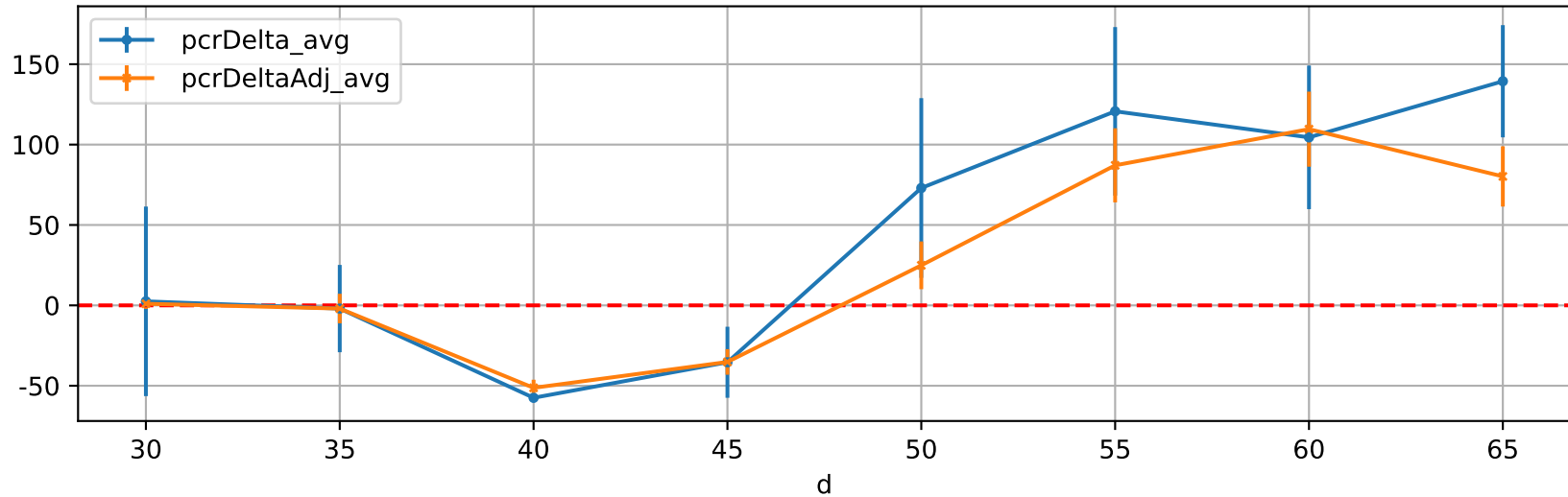
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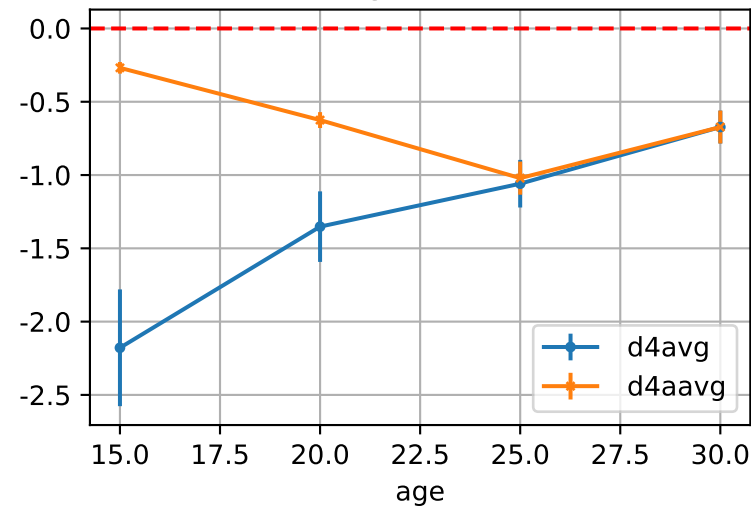
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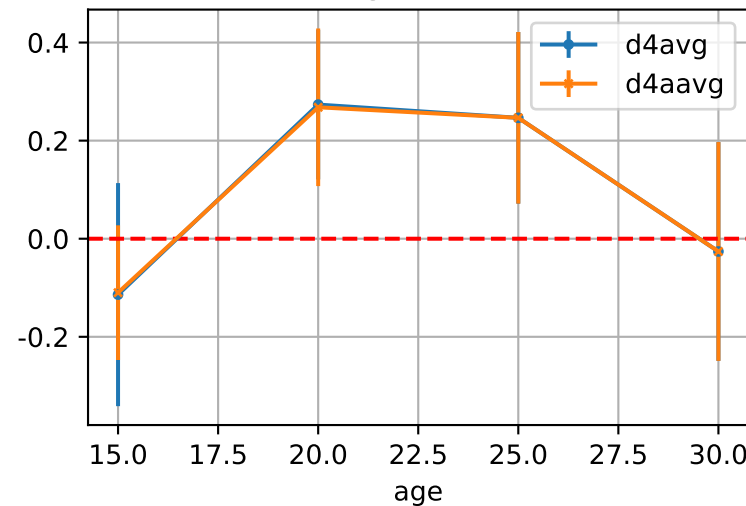
P10AE FrV: D_Q50_FrV



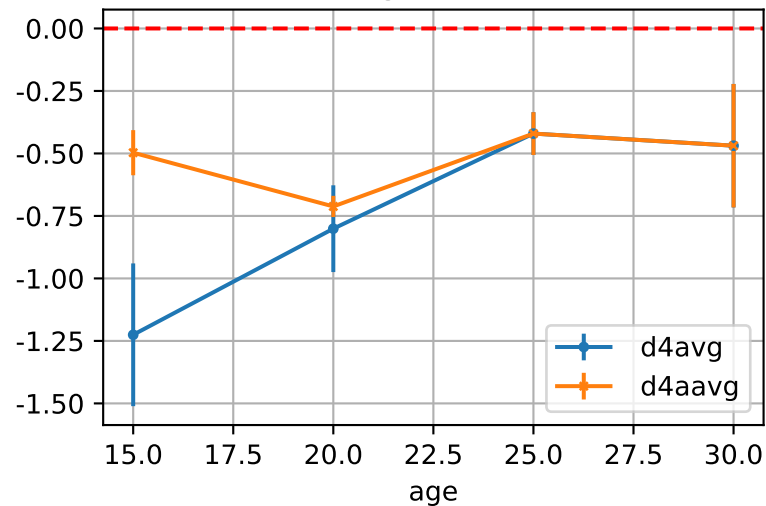
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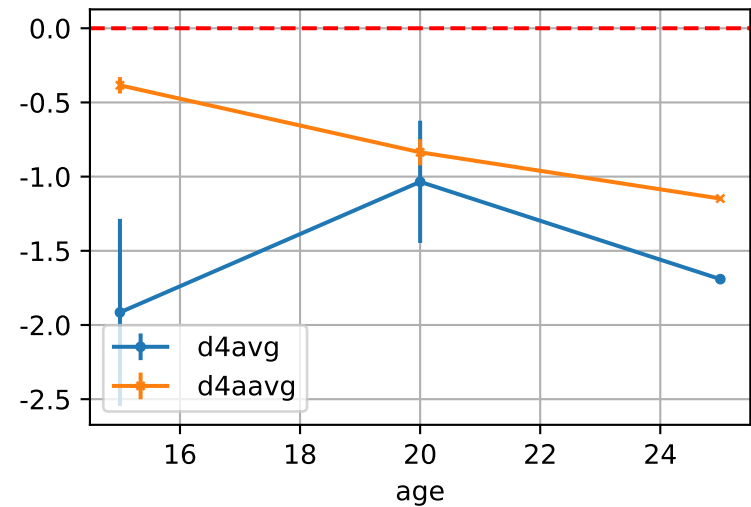
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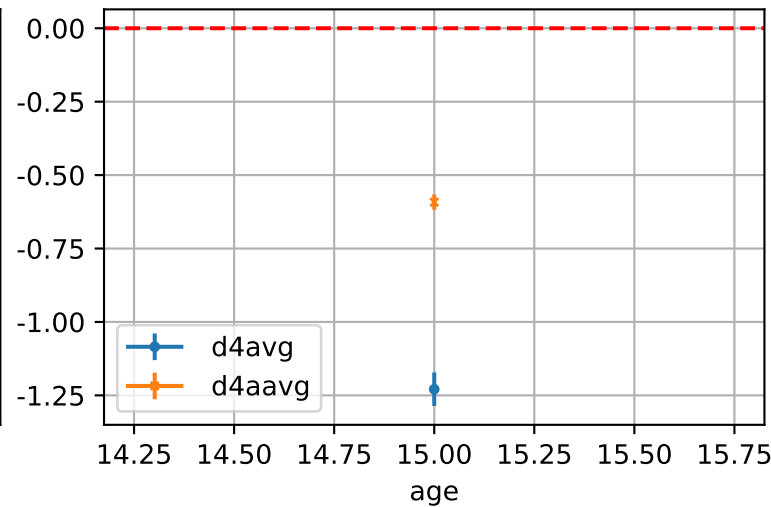
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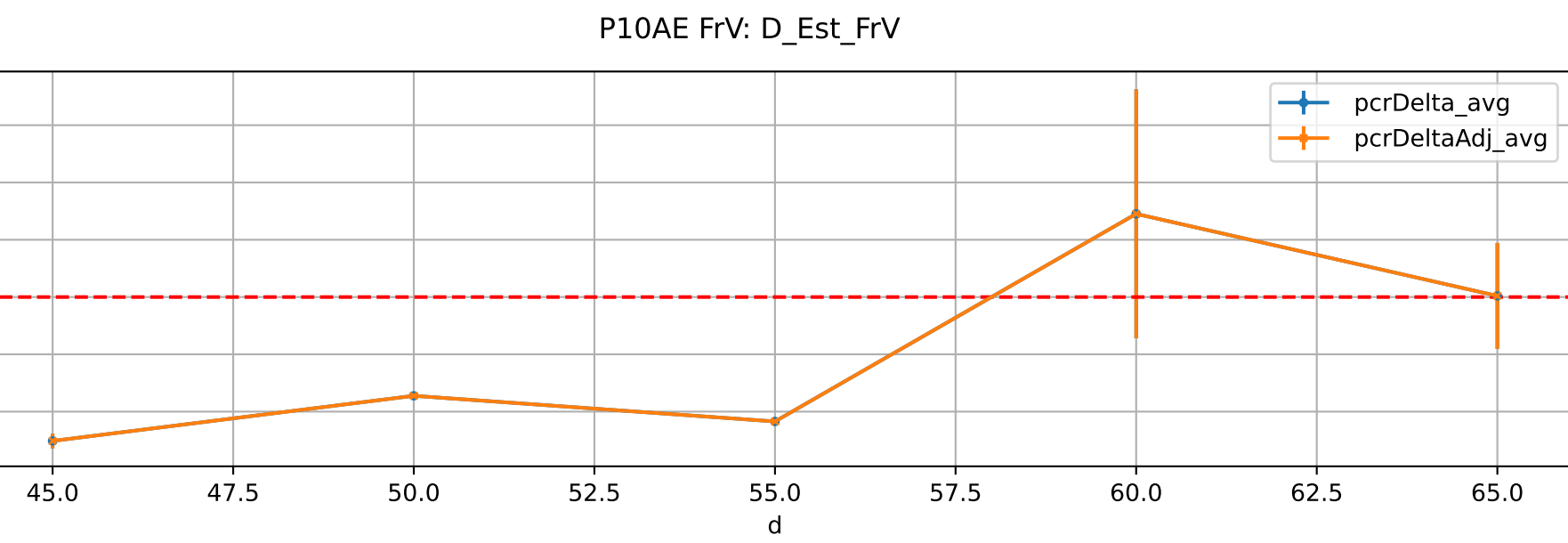


organID=4



organID=5





P10AE FrV: sfDem

