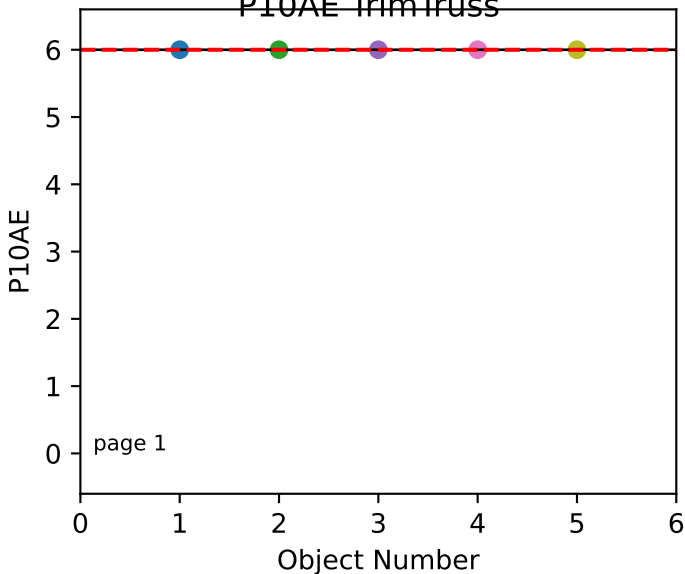


Phenotype Data Analysis Plots
PhenoData day range = 10 - 74
Analysis cutoff day = 74
NC11 P10
2025-06-13 (Day 74)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0 ~0% avg2=na

P10AE Trim Truss



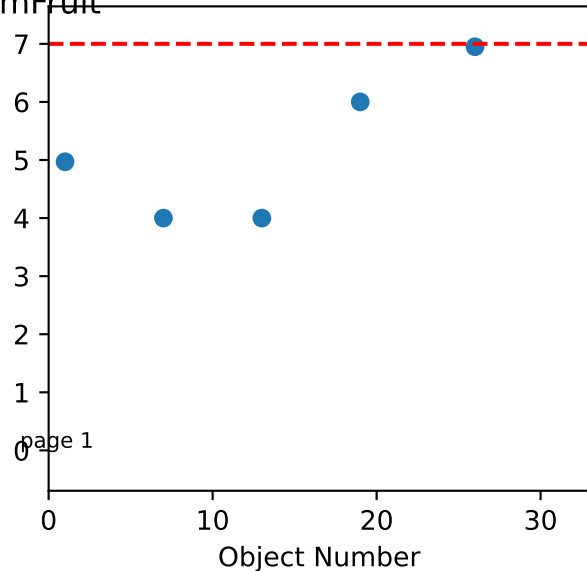
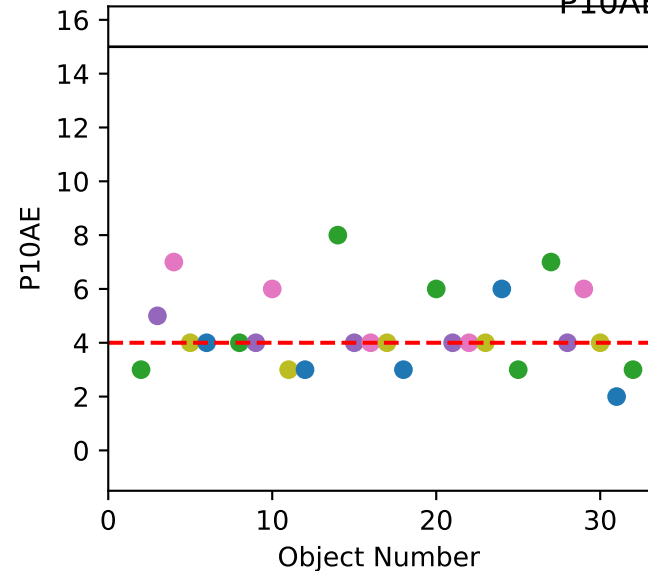
FruitNumAvgPerTruss (Def=15 Set=4)

avg1=4.0~37% avg2=na

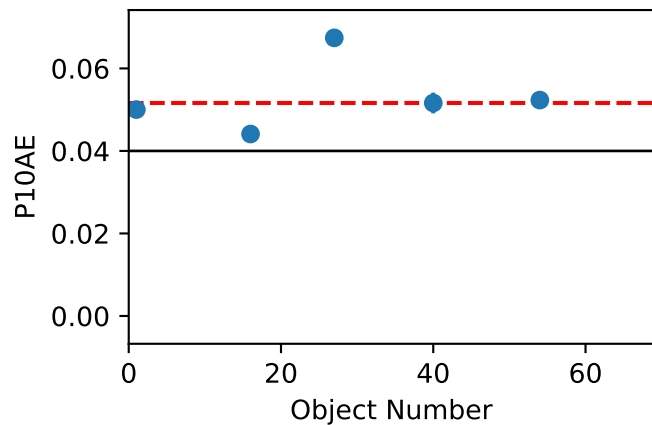
P10AE TrimFruit

FruitNumMaxPerTruss (Def=na Set=7)

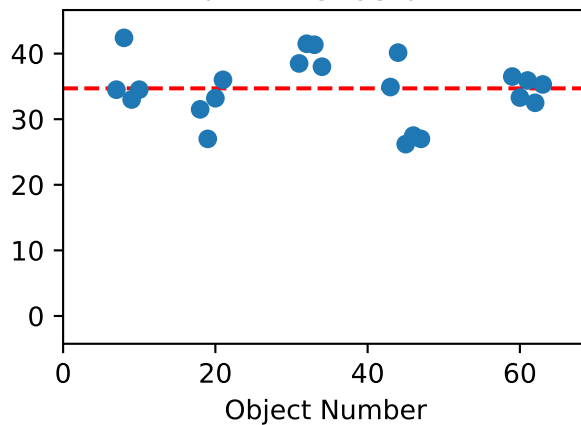
avg1=7.0~20% avg2=na



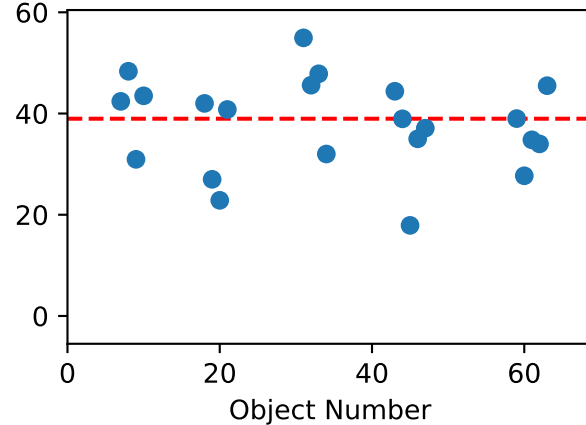
LfA_Q90AbsY (Def=0.04 Set=0.04)
avg1=0.05~2% avg2=na



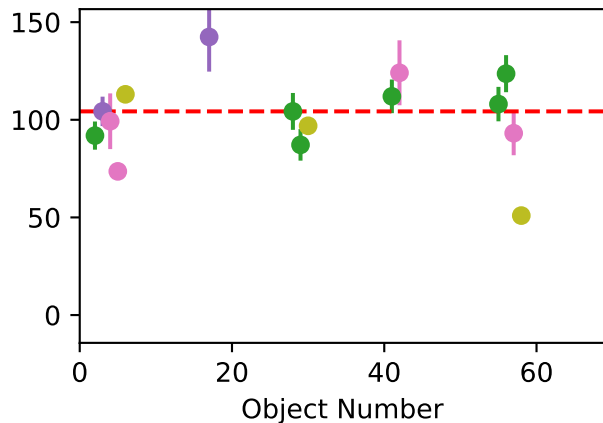
LfL_avgAbsY (Def=na Set=34.7)
avg1=34.7~14% avg2=na



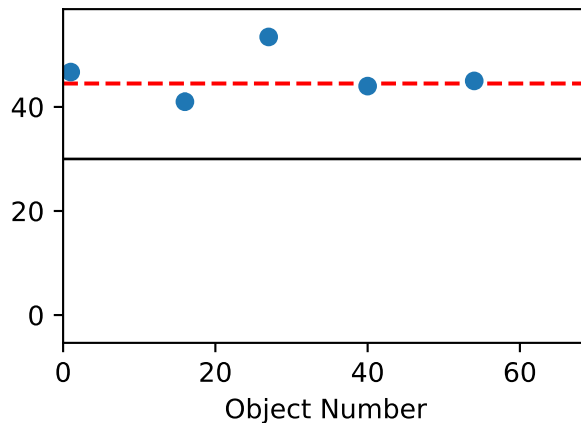
LfW_avgAbsY (Def=na Set=38.98)
avg1=38.98~23% avg2=na



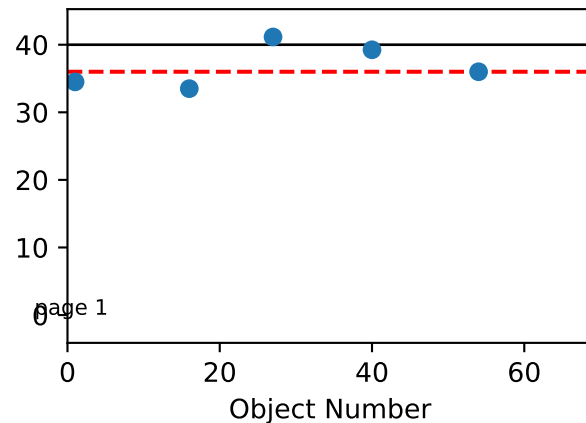
FrV_avgAbsY (Def=na Set=104.3)
avg1=104.3~17% avg2=na



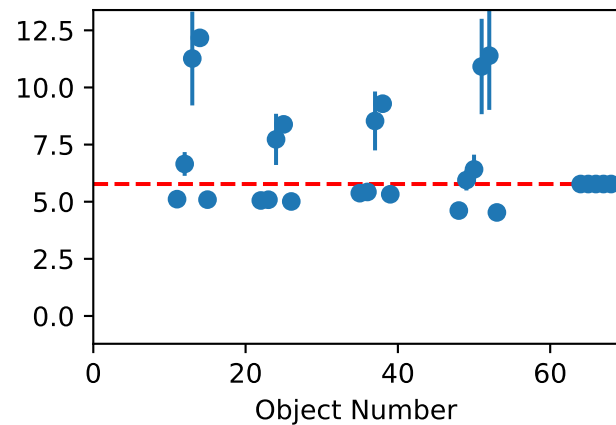
LfW_Q90AbsY (Def=30 Set=44.5)
avg1=44.5~5% avg2=na



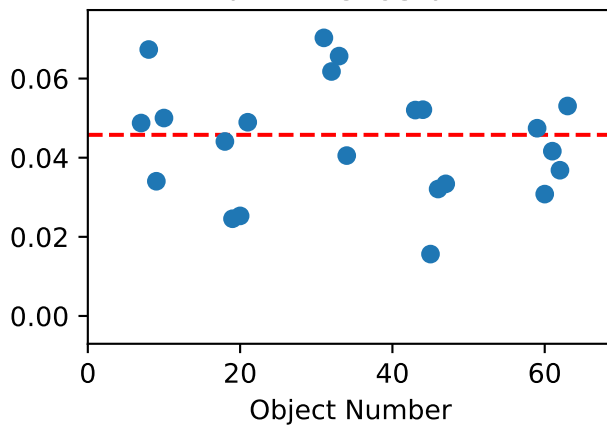
LfL_Q90AbsY (Def=40 Set=36.0)
avg1=36.0~9% avg2=na



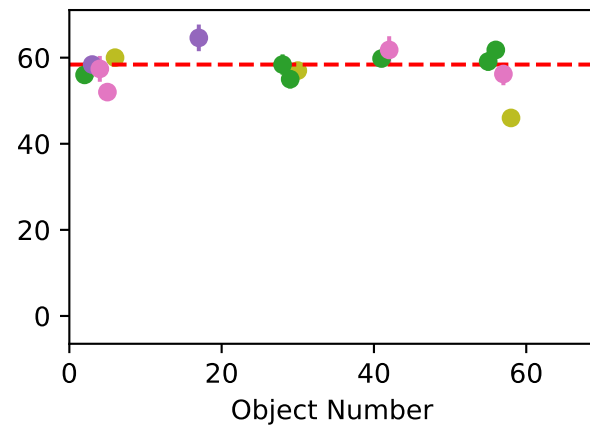
NdL_avgAbsY (Def=na Set=5.77)
avg1=5.77~40% avg2=na



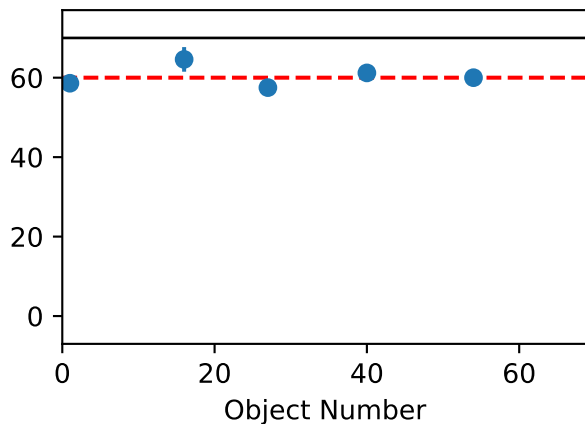
LfA_avgAbsY (Def=na Set=0.05)
avg1=0.05~32% avg2=na



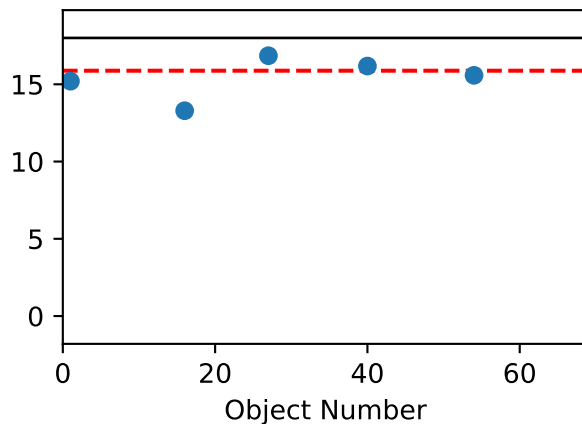
FrD_avgAbsY (Def=na Set=58.4)
avg1=58.4~5% avg2=na



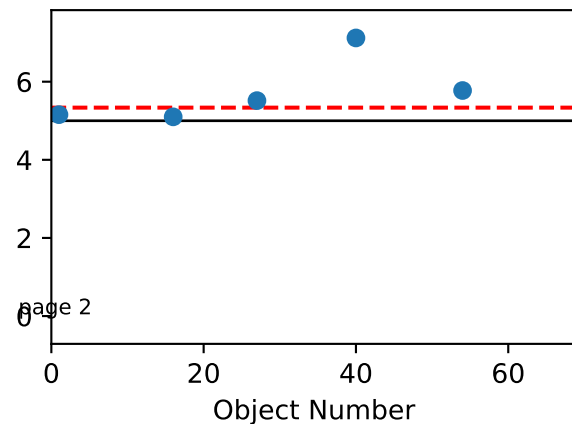
FrD_Q90AbsY (Def=70 Set=60.0)
avg1=60.0~5% avg2=na



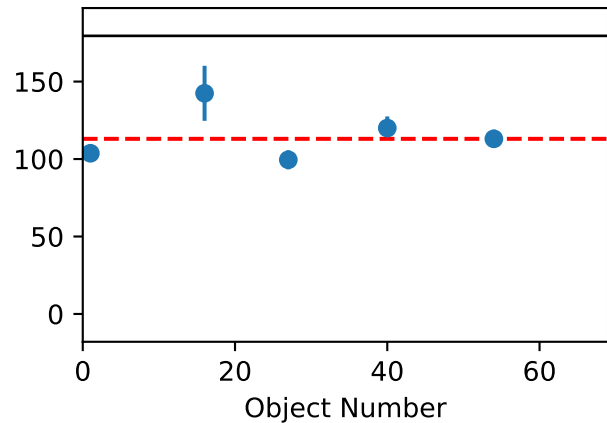
NdD_Q90AbsY (Def=18 Set=15.88)
avg1=15.88~5% avg2=na



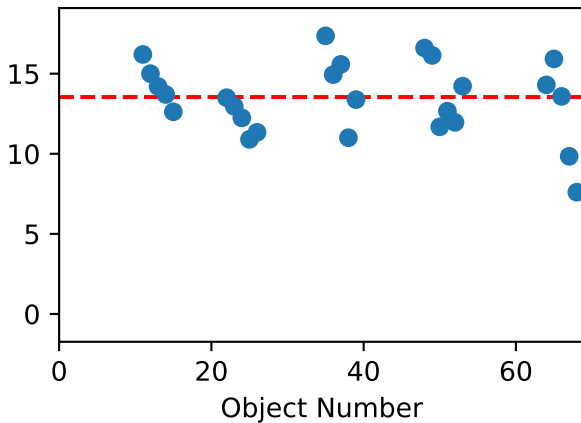
NdL_Q90AbsY (Def=5 Set=5.34)
avg1=5.34~6% avg2=na



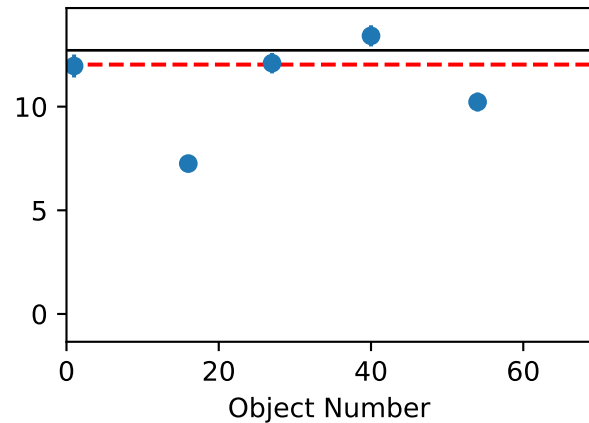
FrV_Q90AbsY (Def=179.5 Set=113.04)
avg1=113.04~15% avg2=na



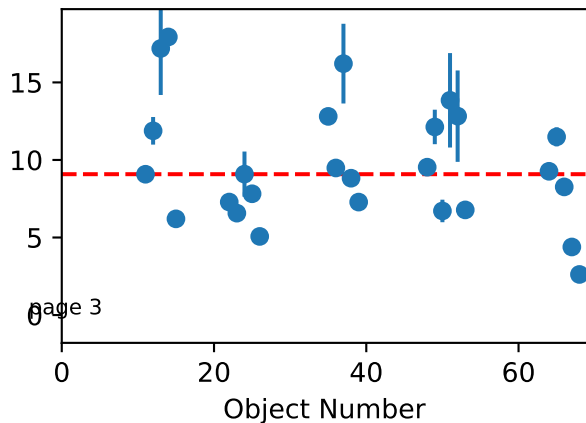
NdD_avgAbsY (Def=na Set=13.54)
avg1=13.54~17% avg2=na



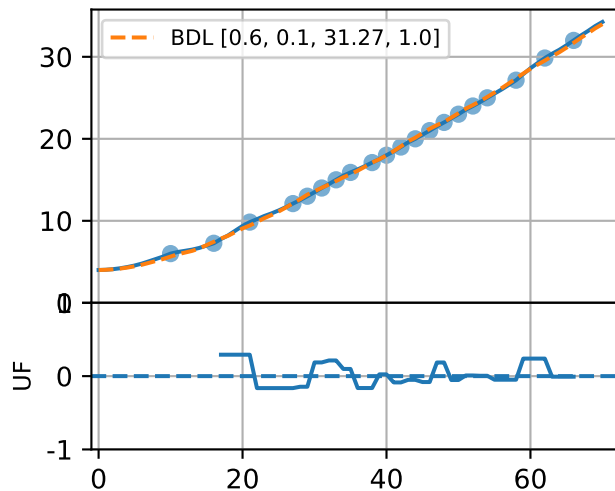
NdV_Q90AbsY (Def=12.72 Set=12.72)
avg1=12.03~11% avg2=na



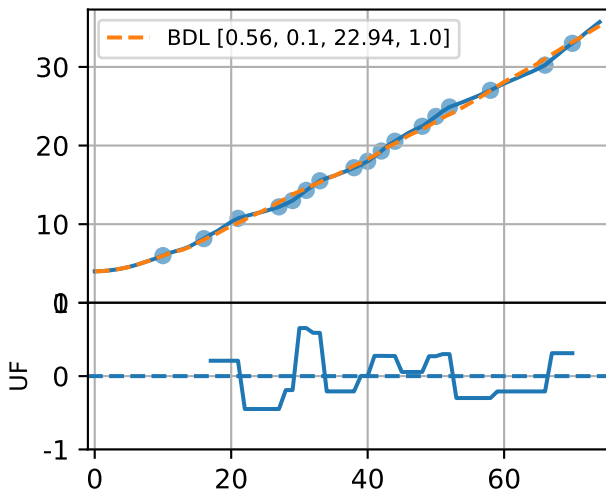
NdV_avgAbsY (Def=na Set=9.08)
avg1=9.08~43% avg2=na



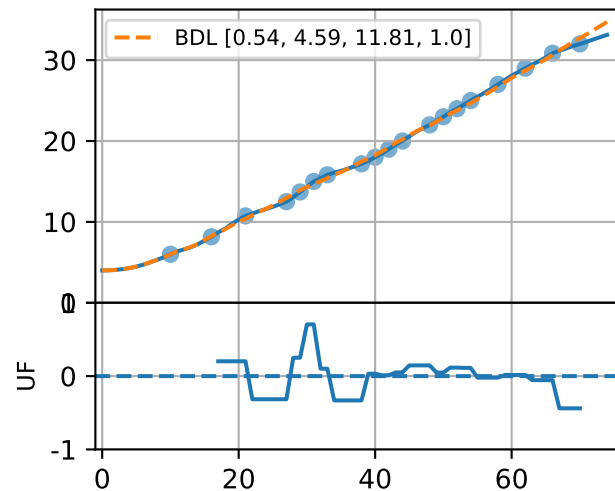
P10AE-063-19 (fit failed)



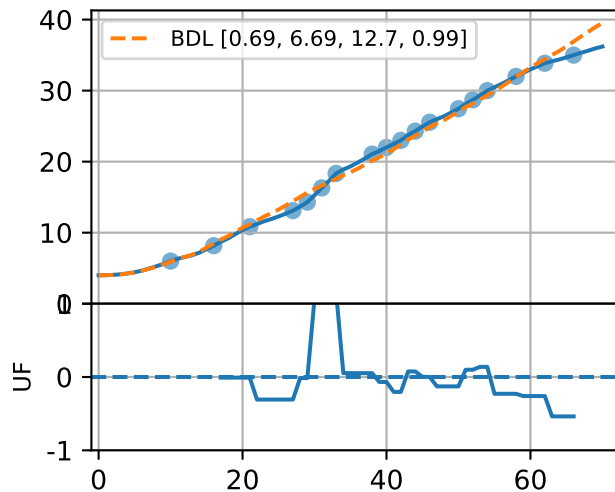
P10AE-076-15 (fit failed)



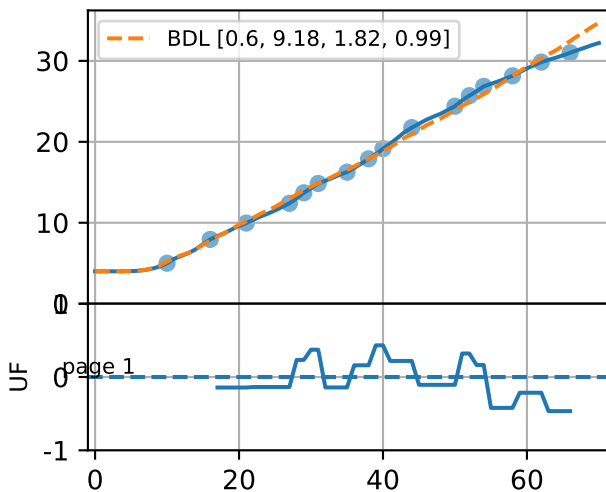
P10AE-089-22 (fit failed)



P10AE-103-17 (fit failed)



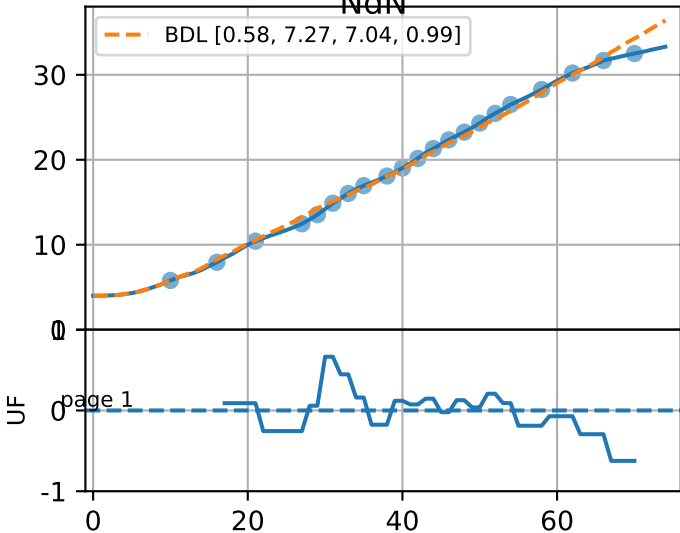
P10AE-116-21 (fit failed)



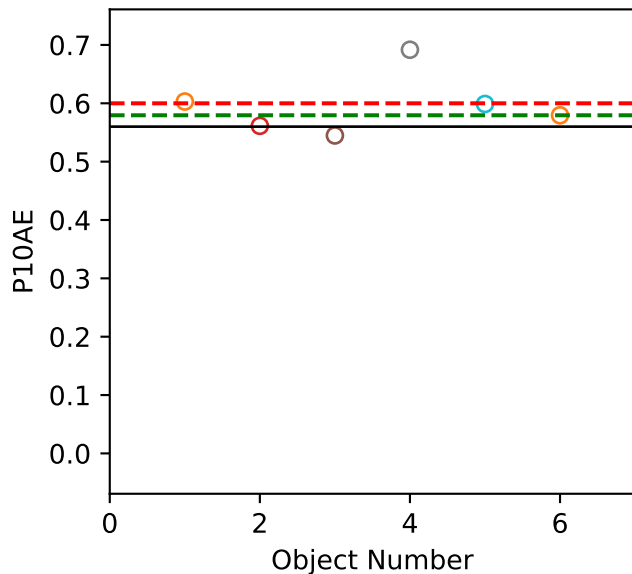
P10AEavg (fit failed)

NaN

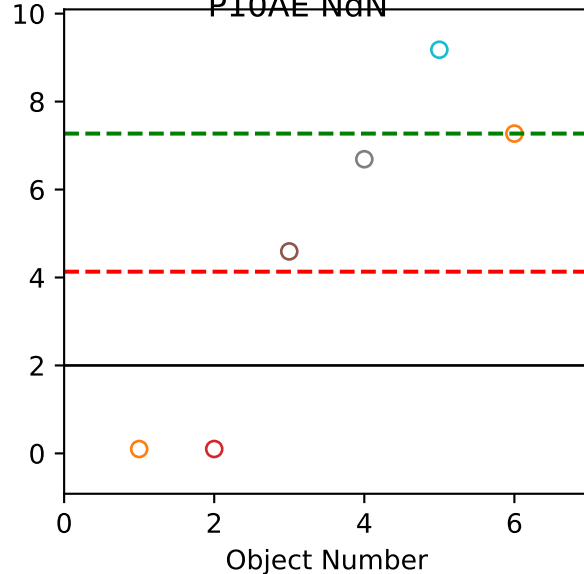
BDL [0.58, 7.27, 7.04, 0.99]



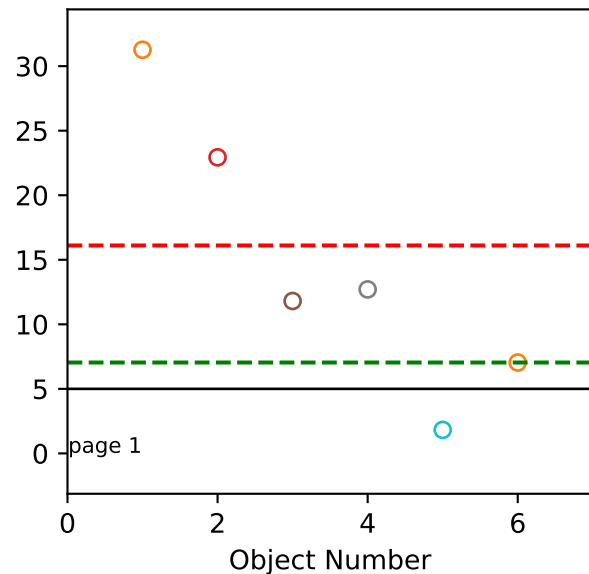
a (Def=0.56 Set=0.58)
avg1=0.6(fail) avg2=0.58



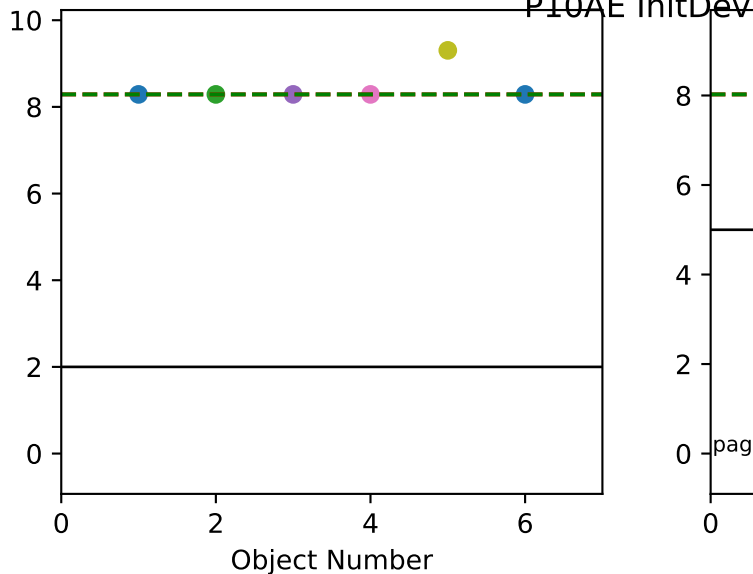
dm (Def=2 Set=7.27)
avg1=4.13(fail) avg2=7.27



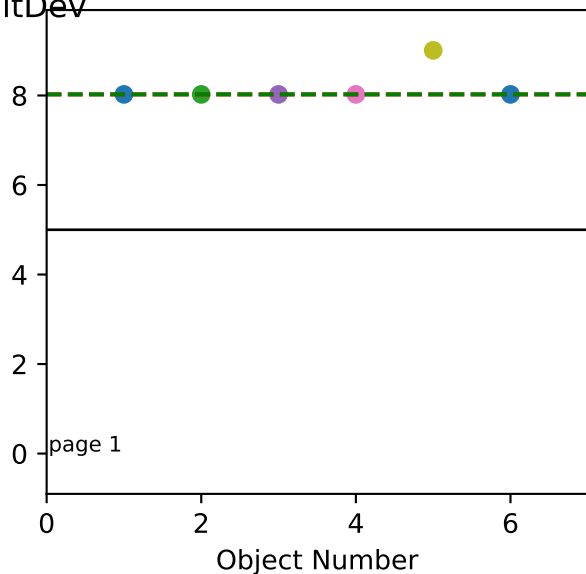
de (Def=5 Set=7.04)
avg1=16.11(fail) avg2=7.04



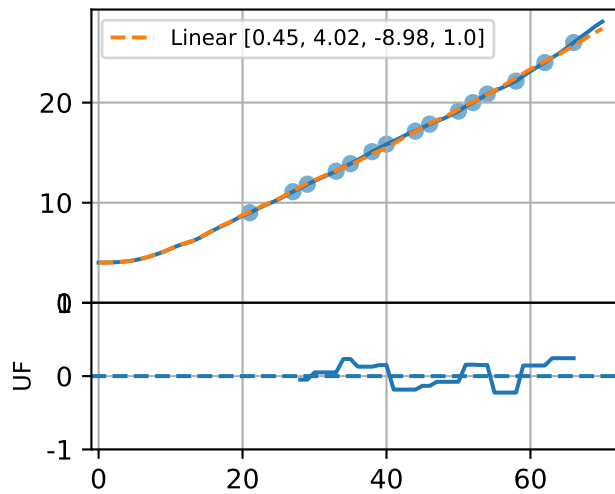
InitDev_dm (Def=2 Set=8.29)
avg1=8.29~0% avg2=8.29



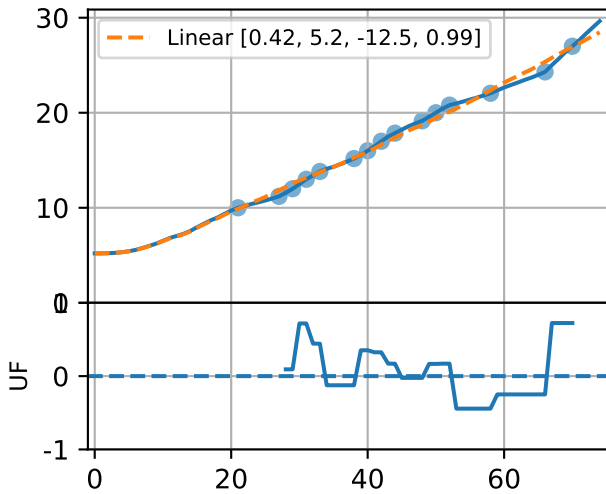
InitDev_de (Def=5 Set=8.02)
avg1=8.02~0% avg2=8.02



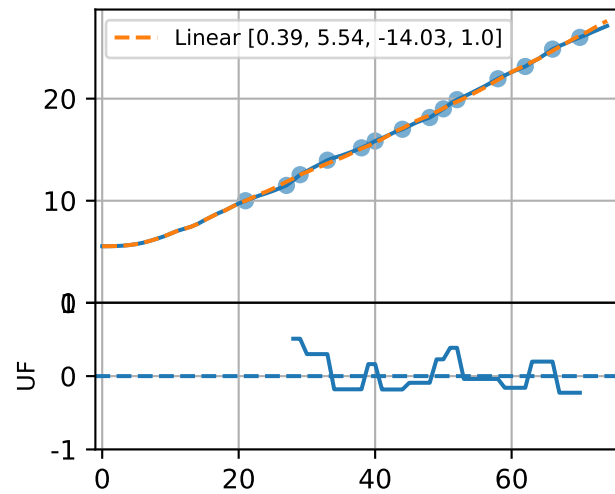
P10AE-063-19



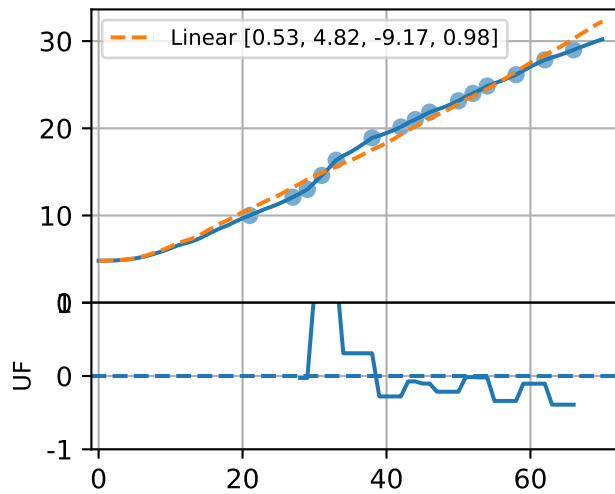
P10AE-076-5



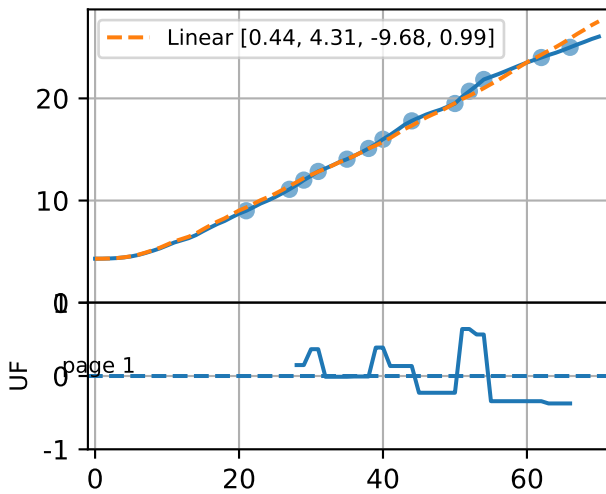
P10AE-089-22



P10AE-103-17



P10AE-116-21

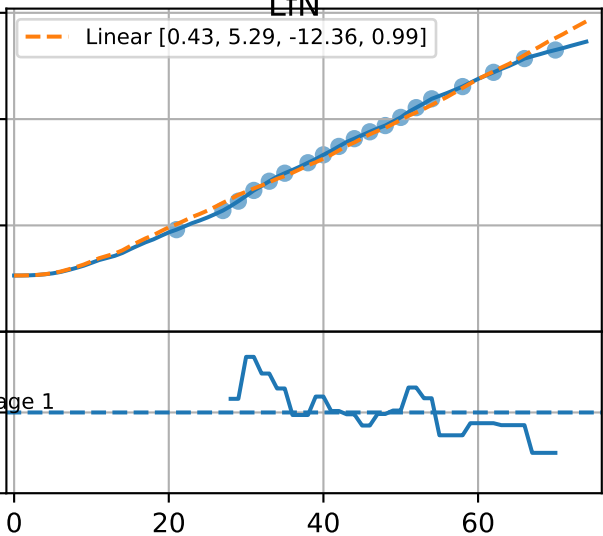


P10AEavg
LfN

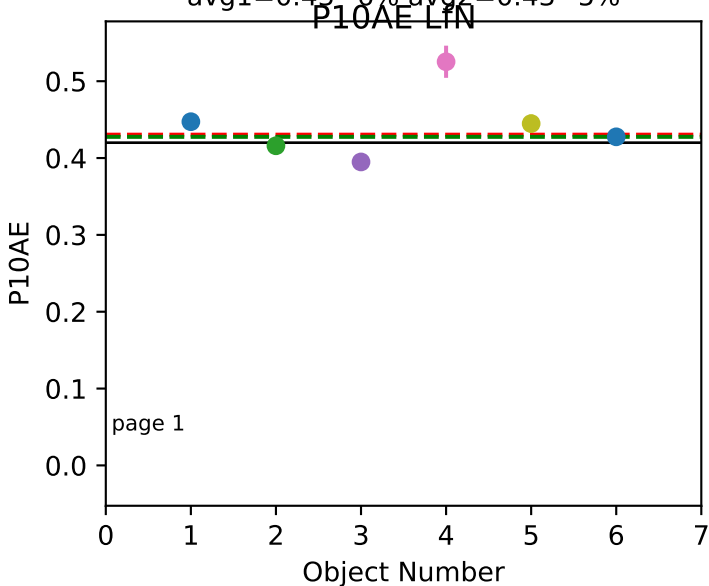
UF

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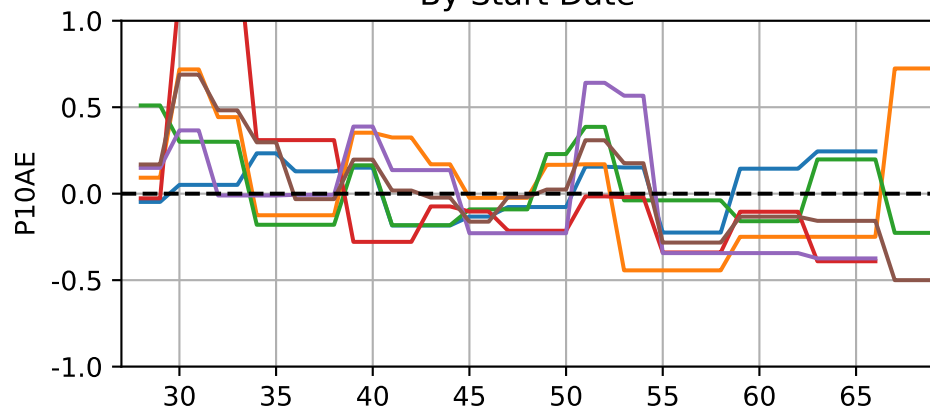
Linear [0.43, 5.29, -12.36, 0.99]



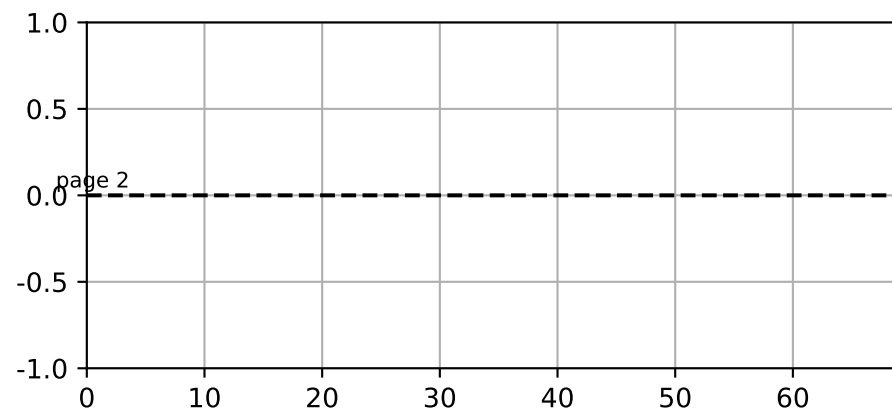
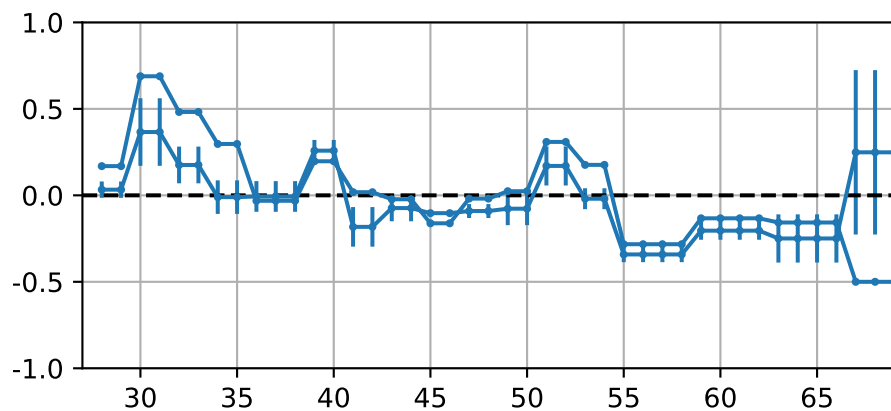
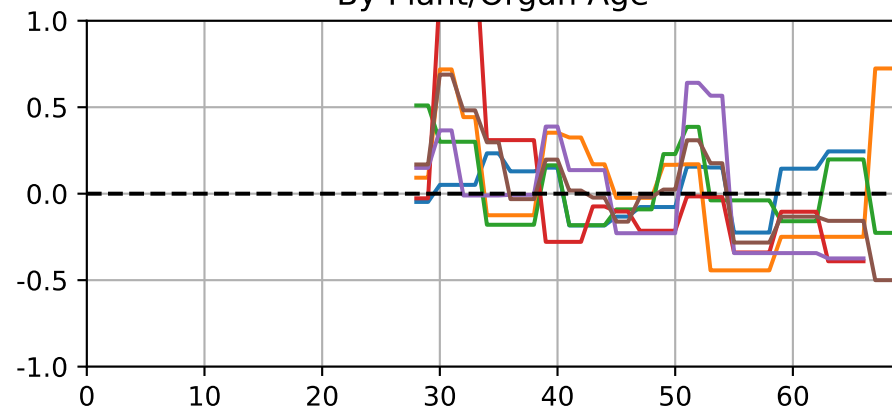
a (Def=0.42 Set=0.43)
avg1=0.43~6% avg2=0.43~5%



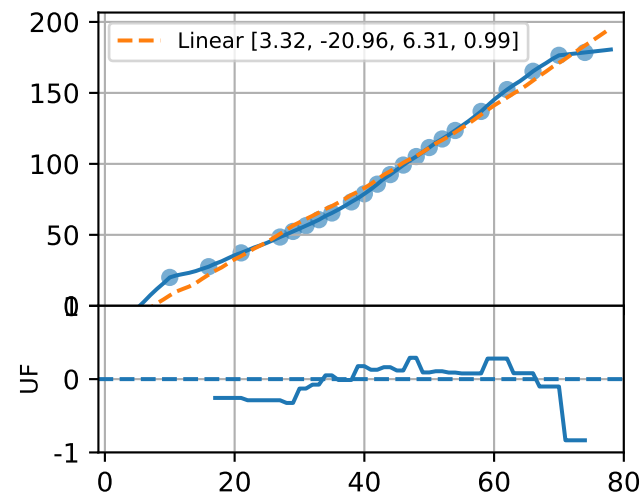
By Start Date



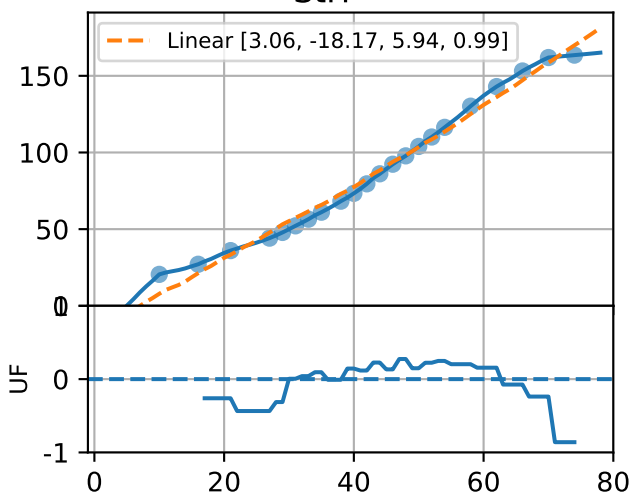
By Plant/Organ Age



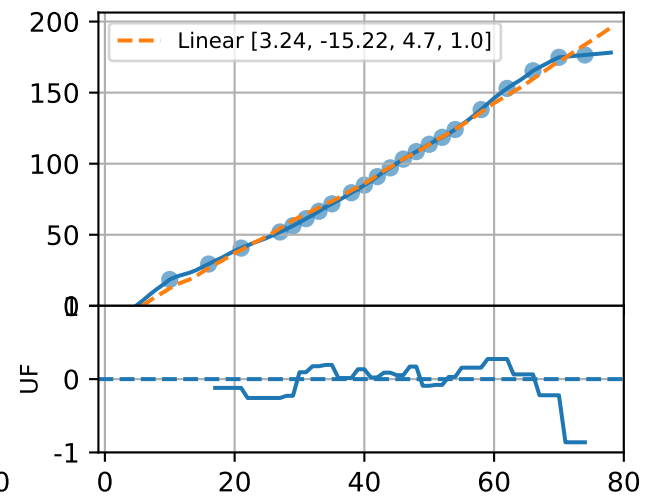
P10AE-063-19



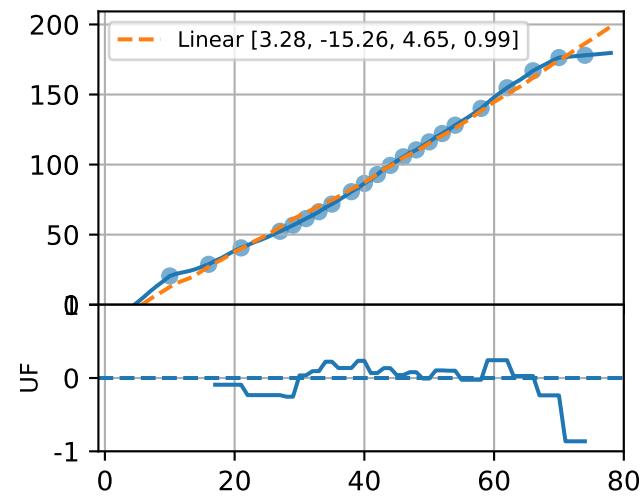
P10AE-076-5



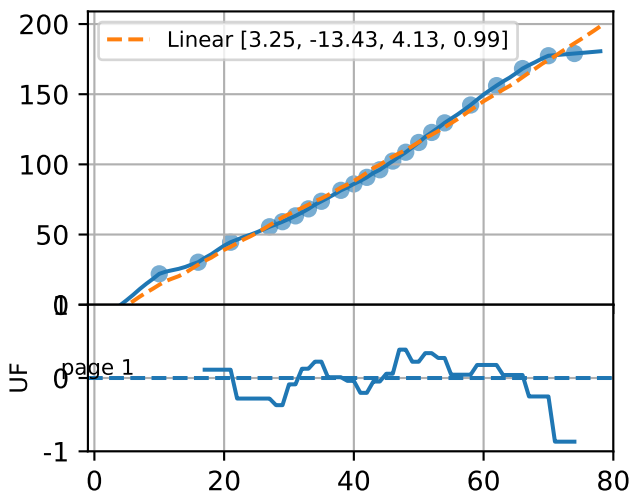
P10AE-089-22



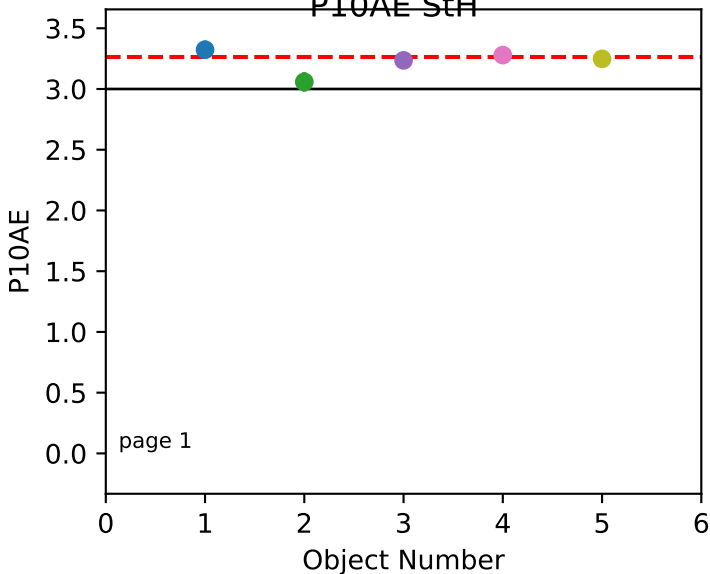
P10AE-103-17



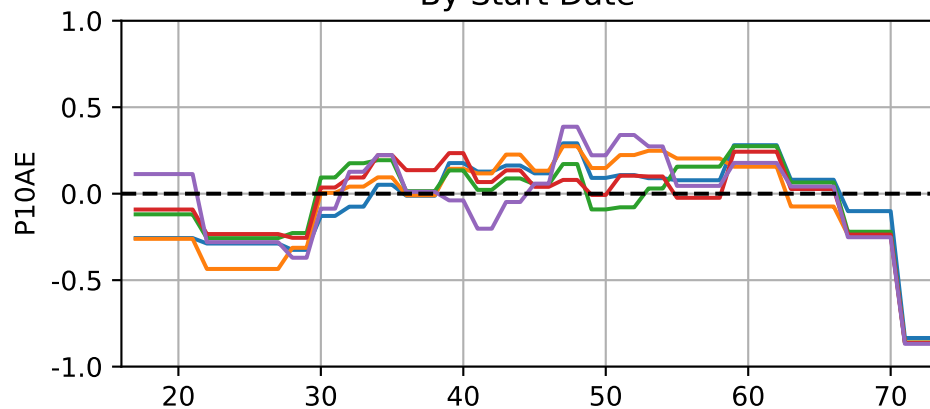
P10AE-116-21



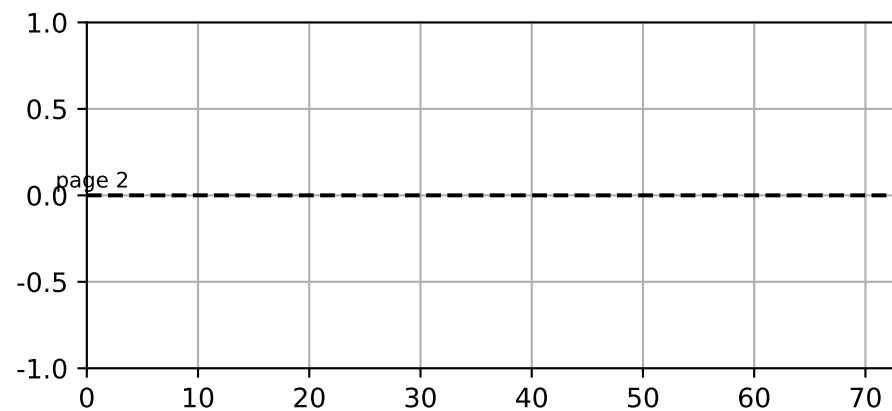
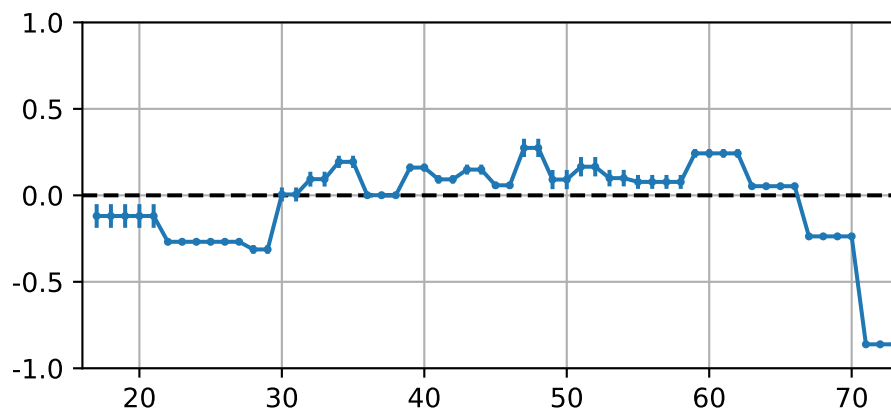
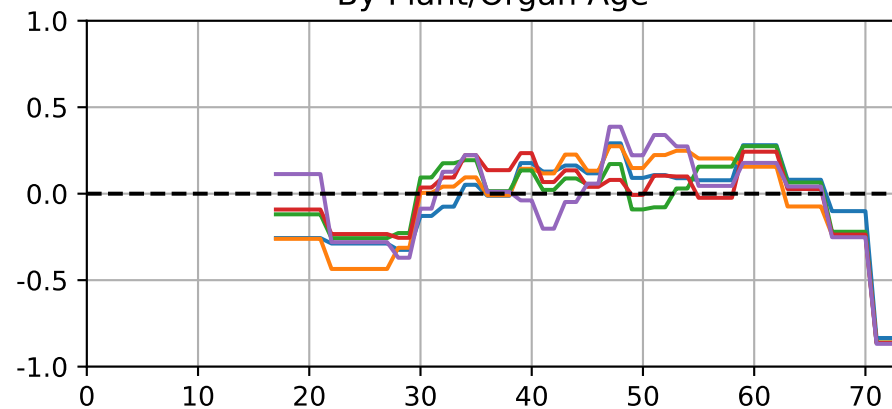
a (Def=3 Set=3.26)
avg1=3.26~1% avg2=na
P10AE StH



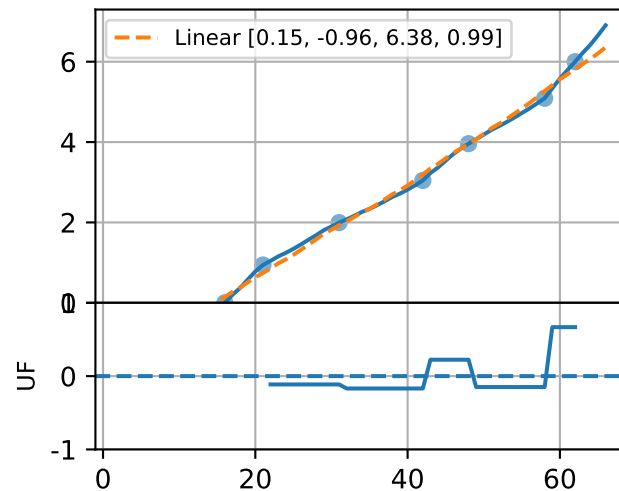
By Start Date



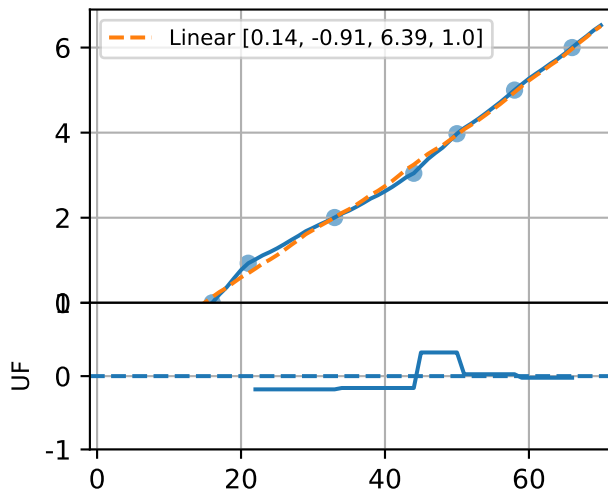
By Plant/Organ Age



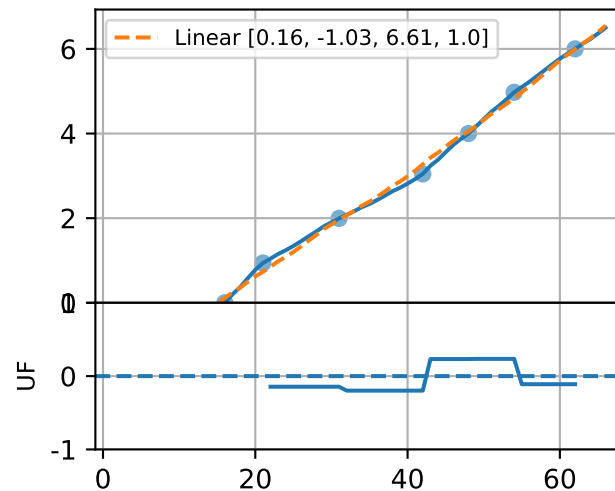
P10AE-063-19



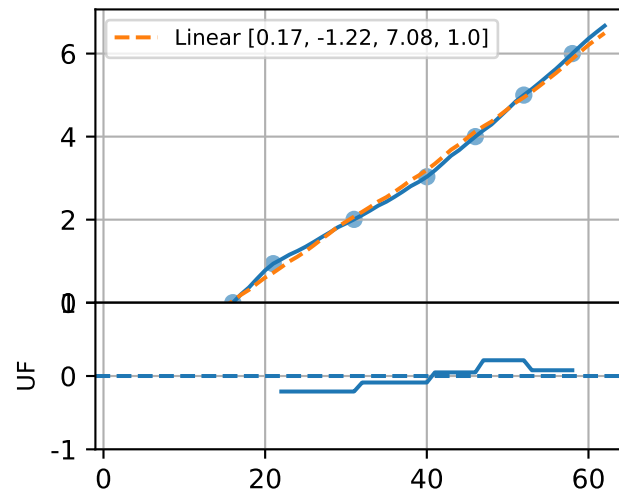
P10AE-076-5



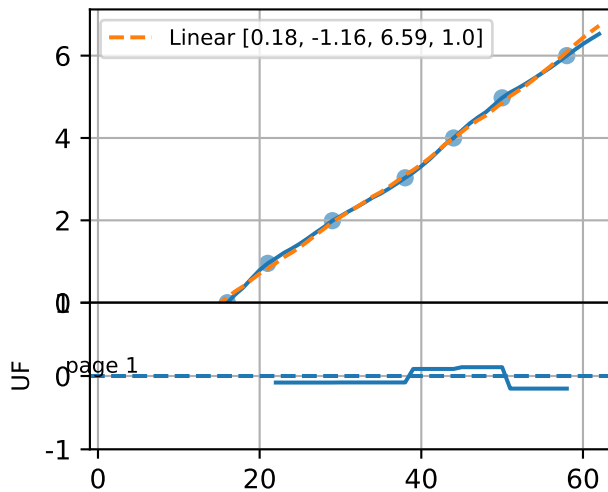
P10AE-089-22



P10AE-103-17



P10AE-116-21

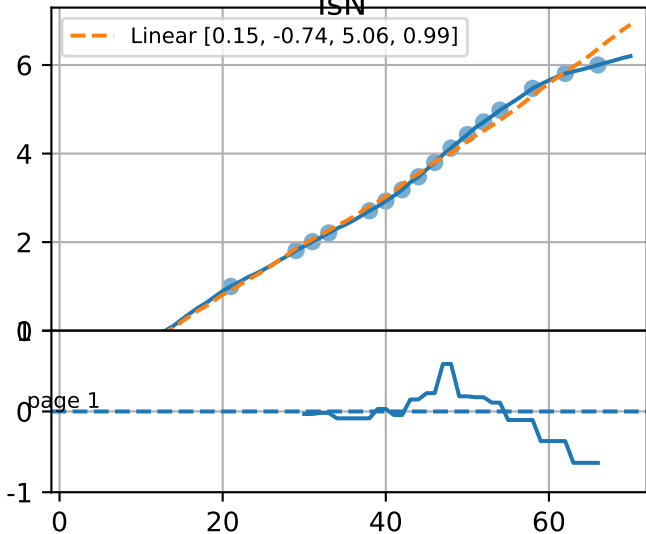


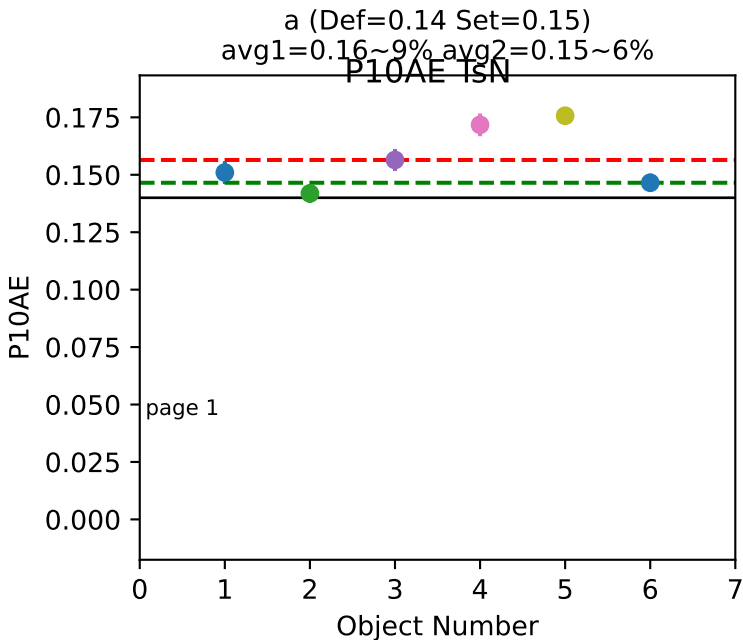
P10AEavg
TSN

Linear [0.15, -0.74, 5.06, 0.99]

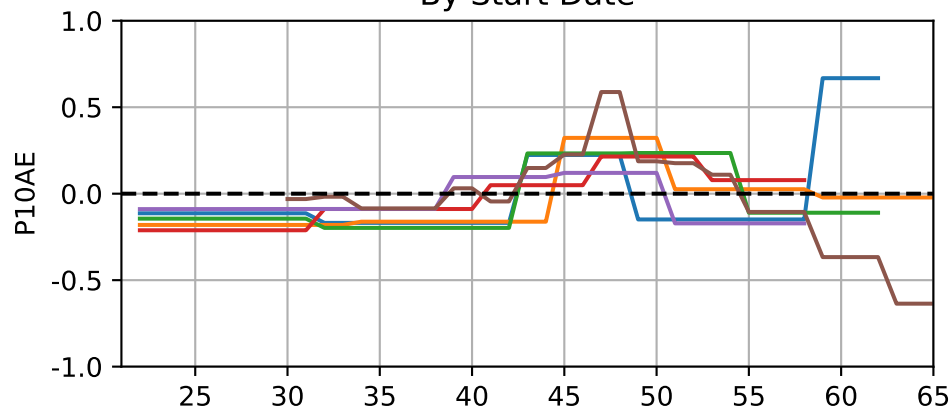
UF

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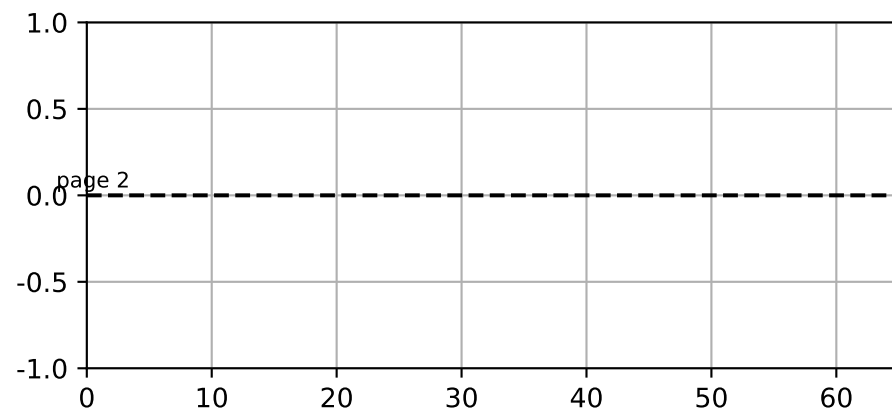
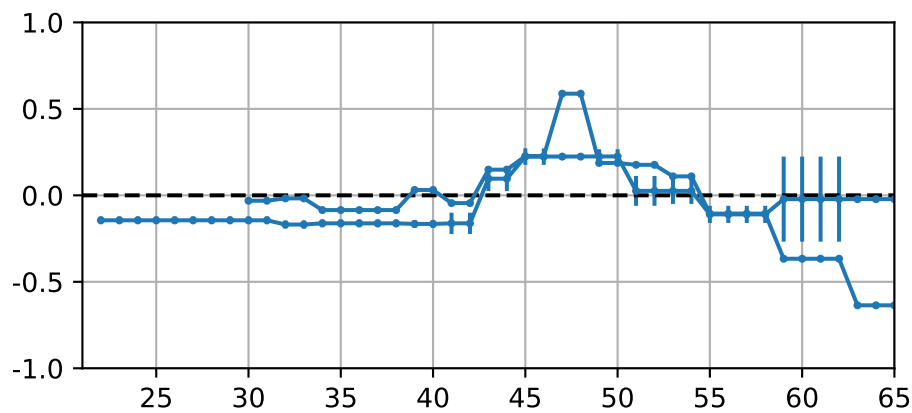
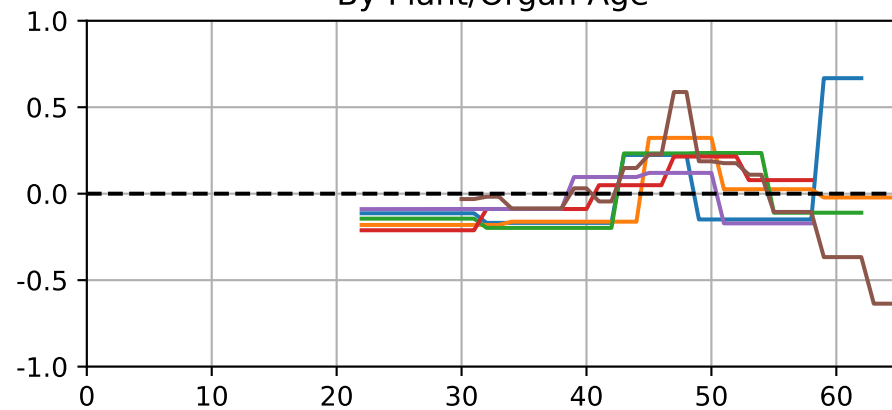




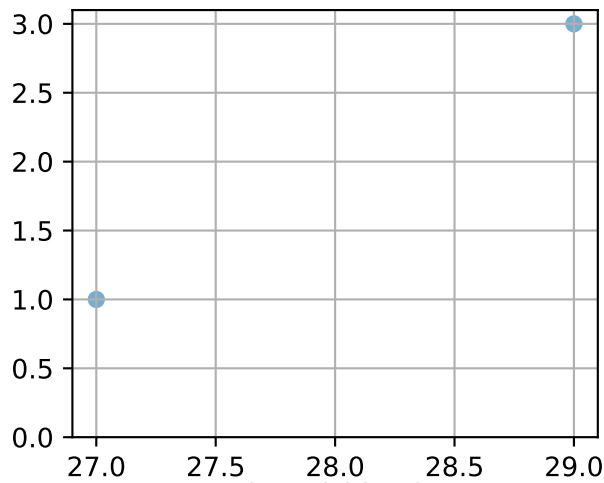
By Start Date



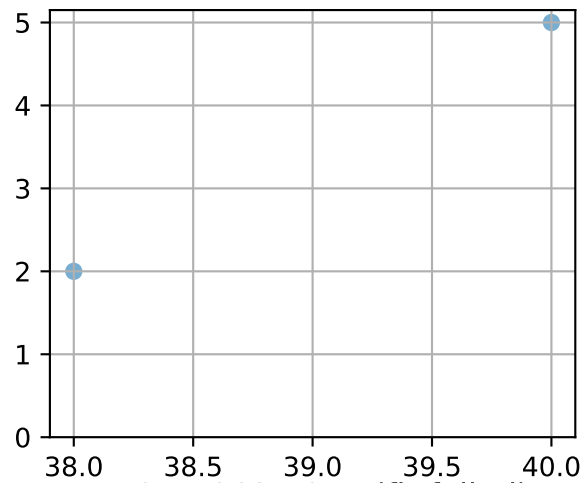
By Plant/Organ Age



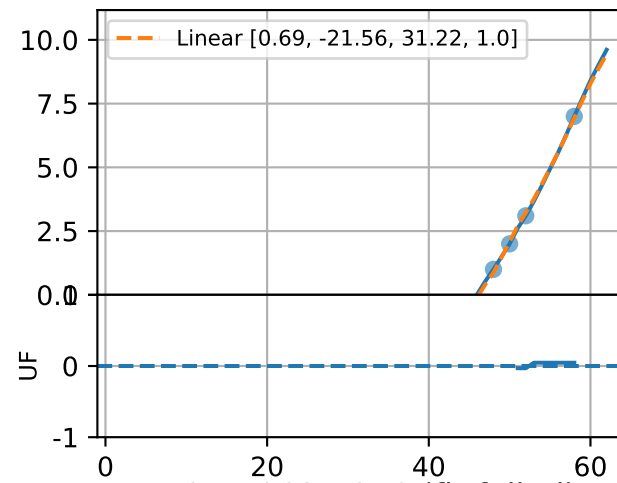
P10AE-063-19T1 (fit failed)



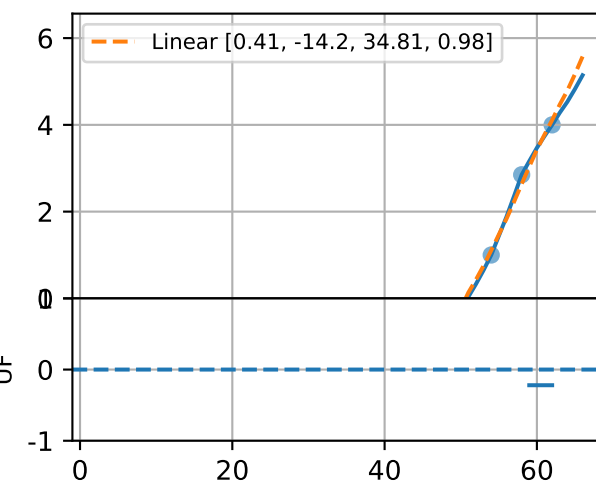
P10AE-063-19T2 (fit failed)



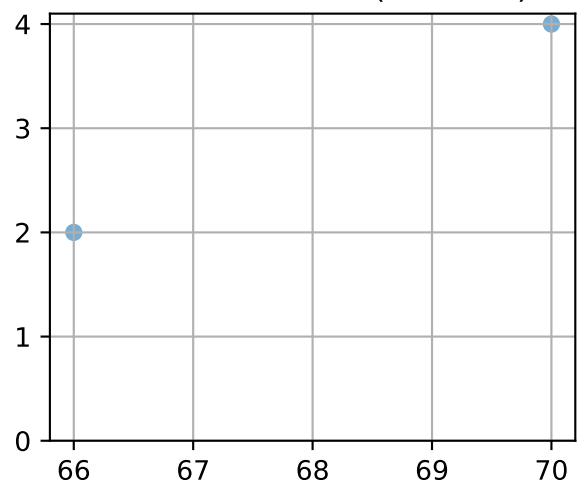
P10AE-063-19T3



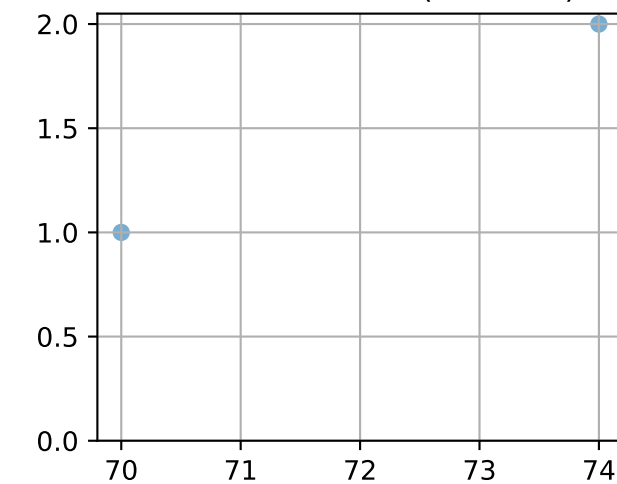
P10AE-063-19T4



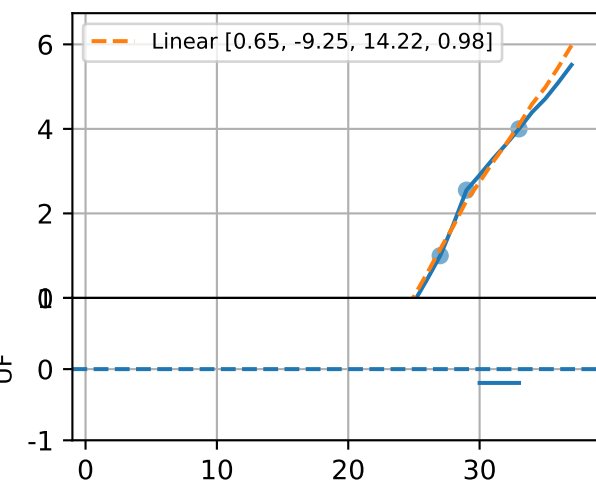
P10AE-063-19T5 (fit failed)



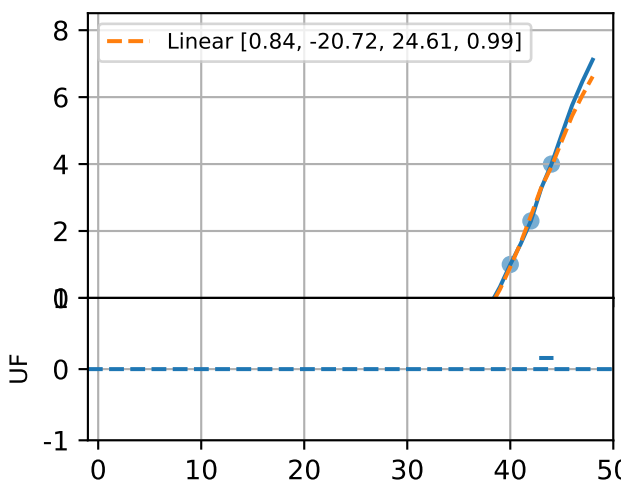
P10AE-063-19T6 (fit failed)



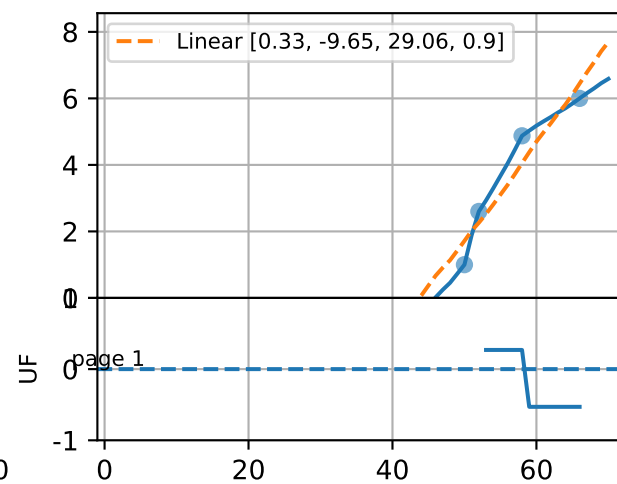
P10AE-076-5T1

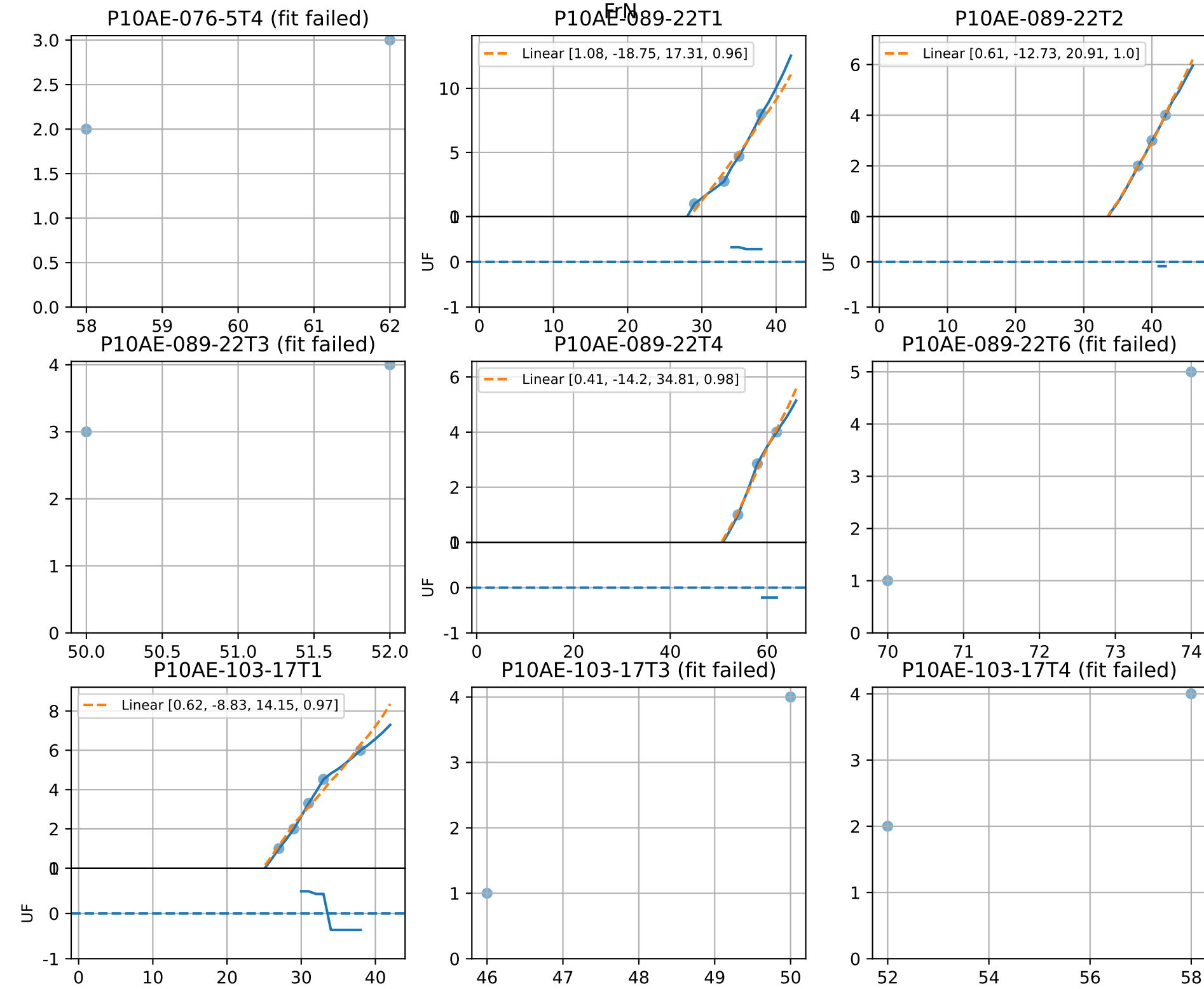


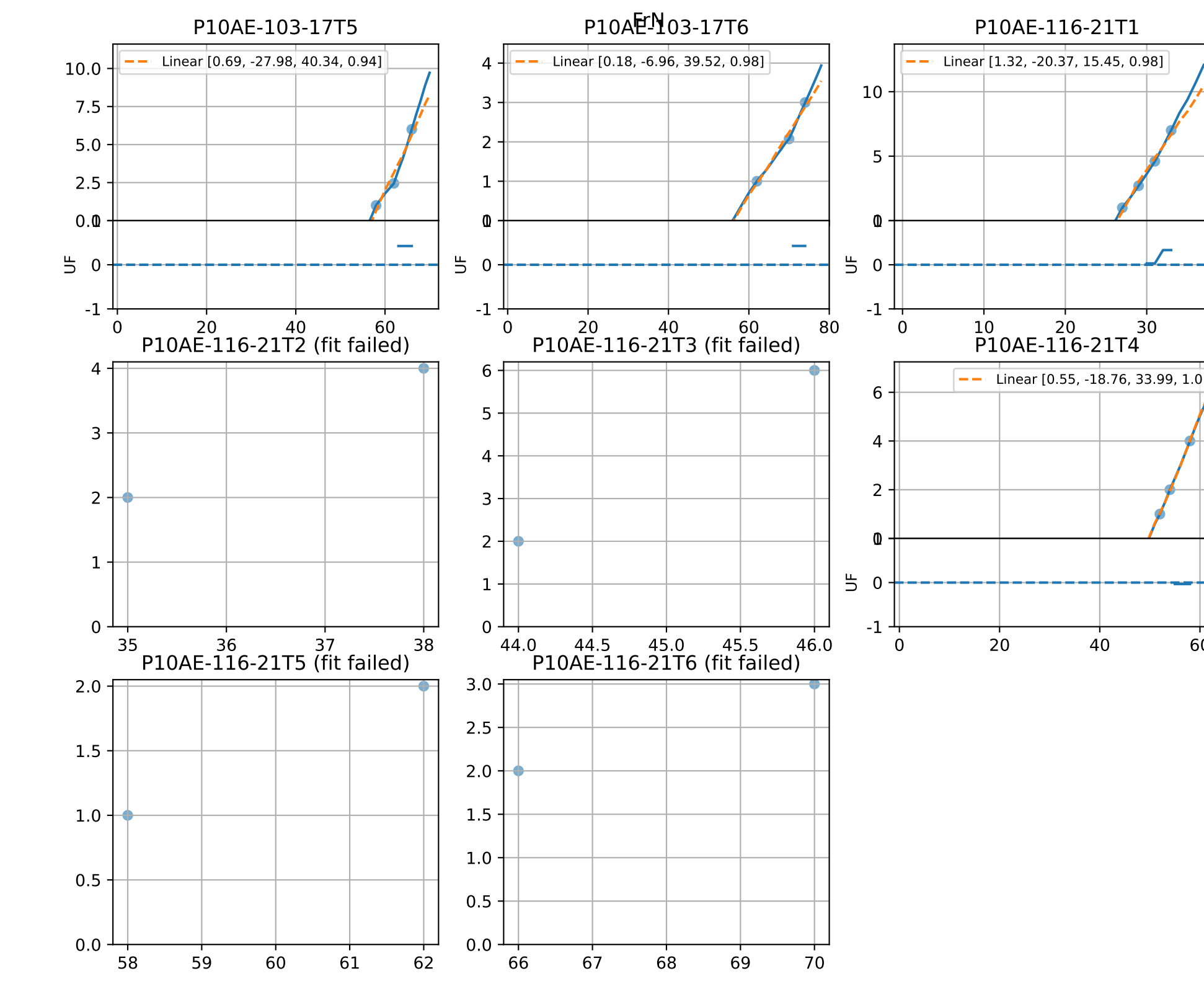
P10AE-076-5T2



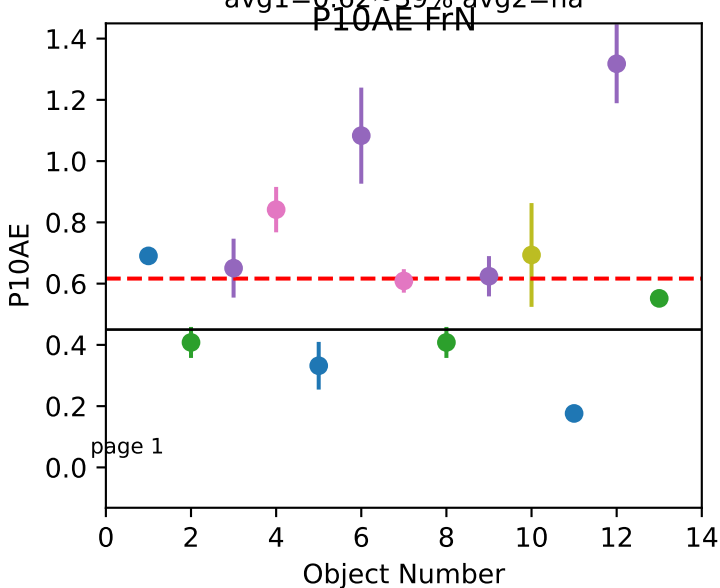
P10AE-076-5T3



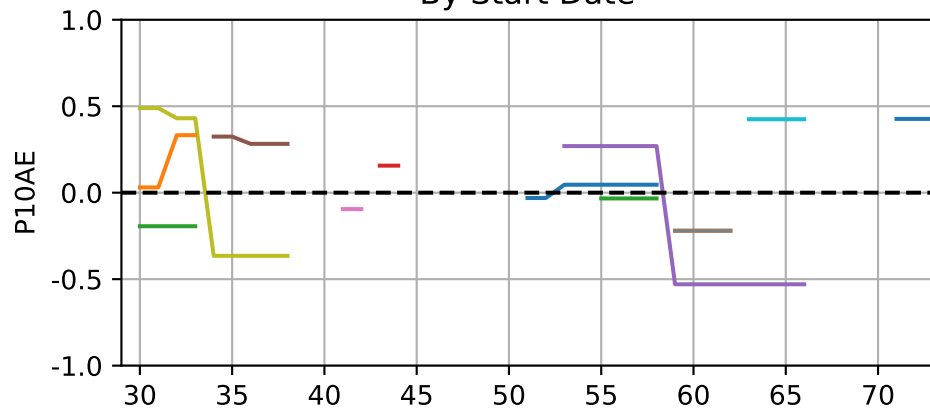




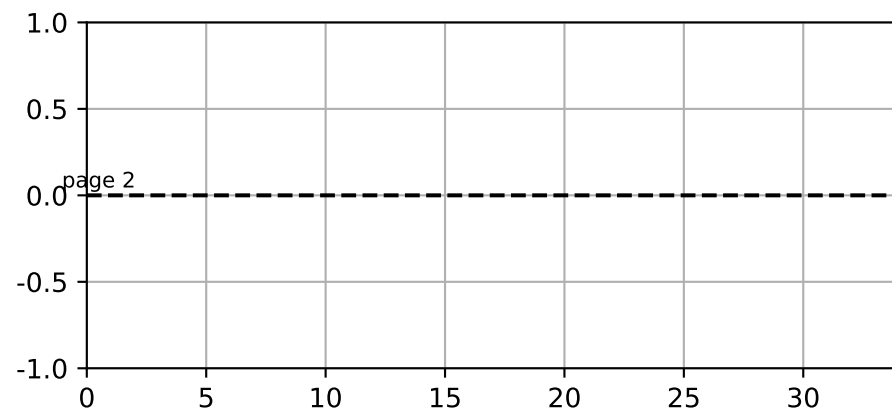
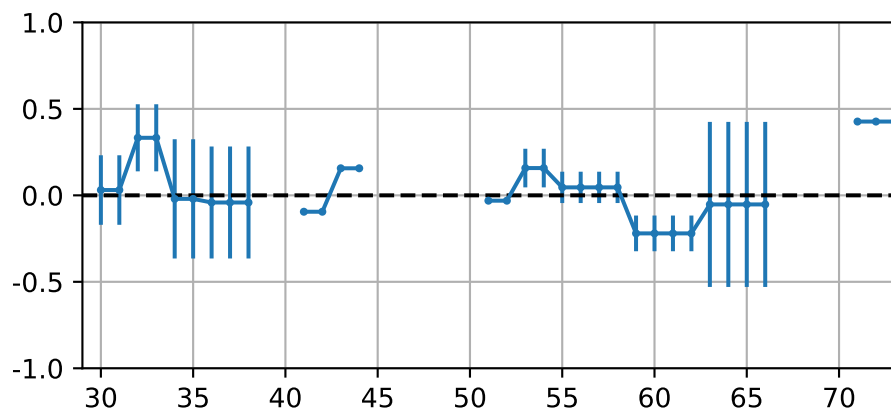
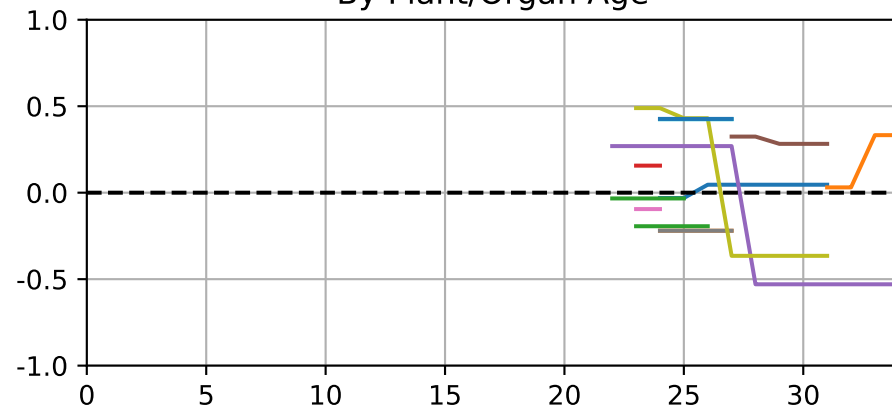
a (Def=0.45 Set=0.62)
avg1=0.62~39% avg2=na

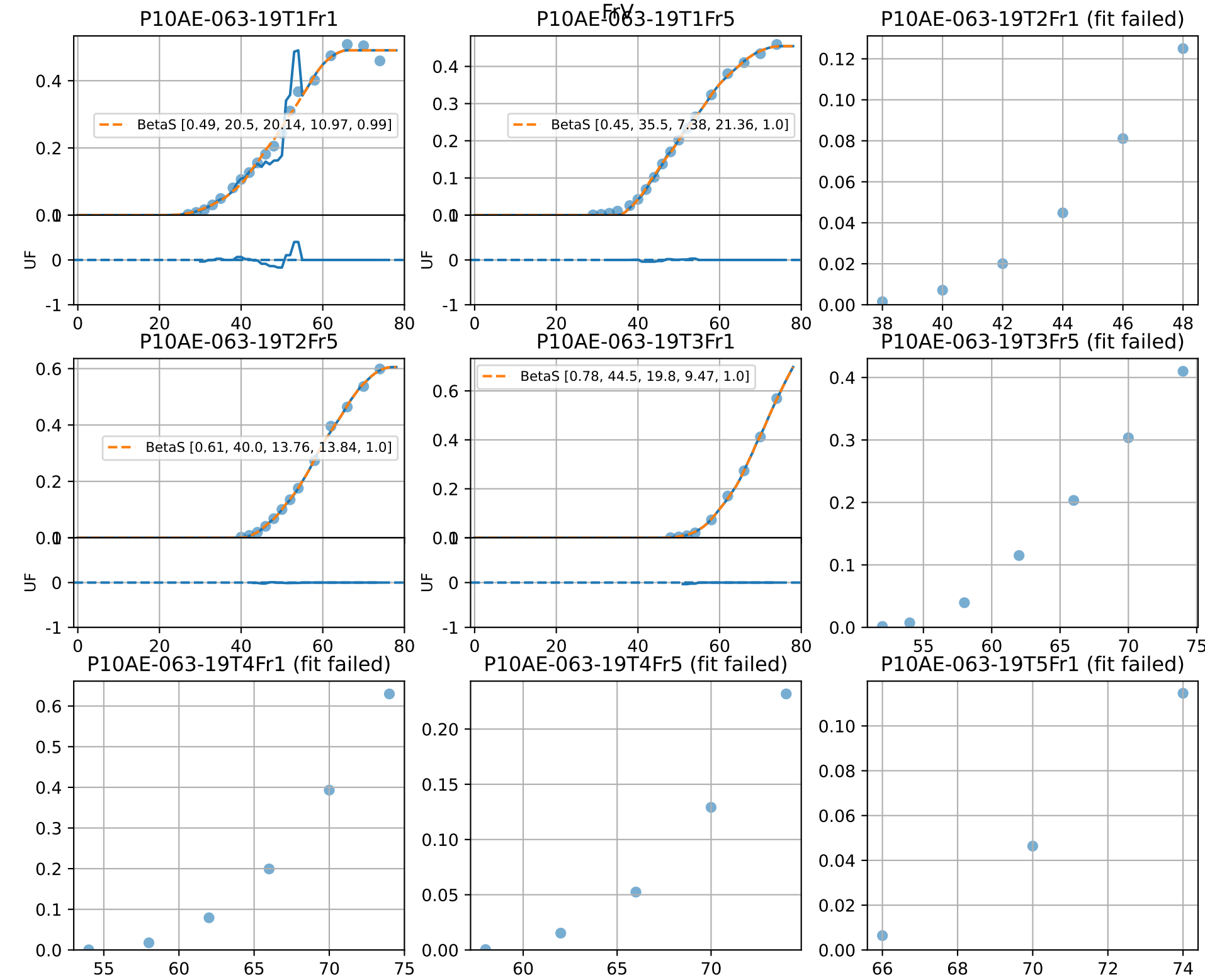


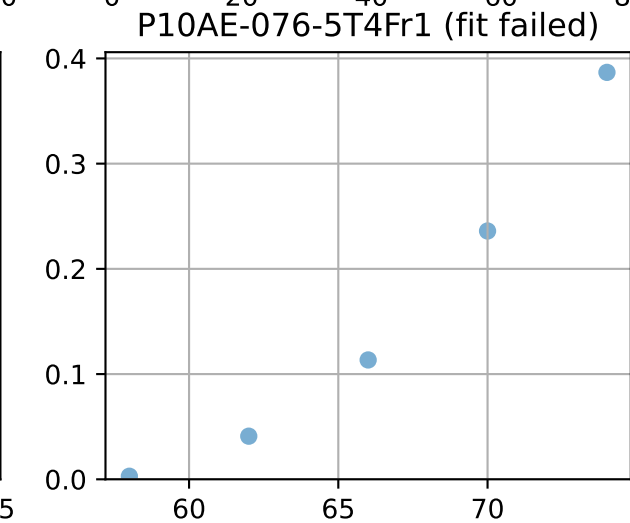
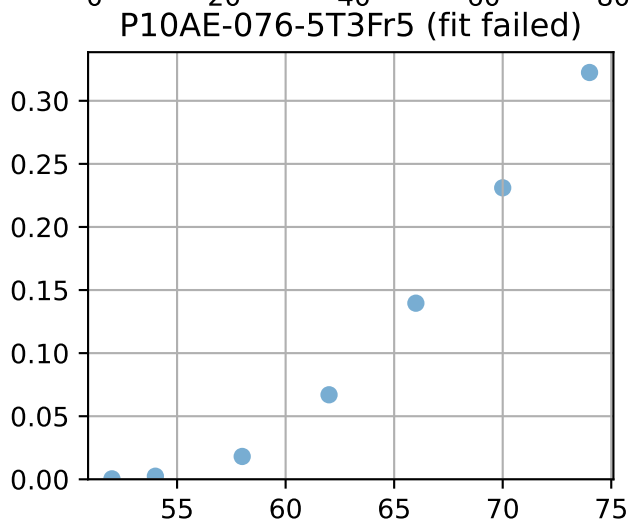
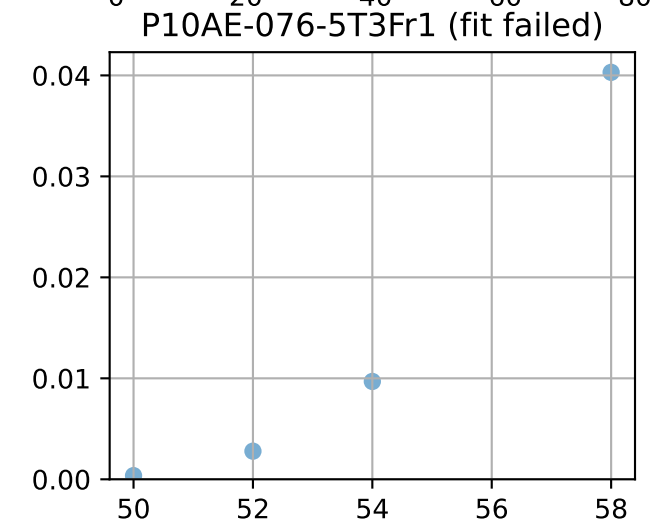
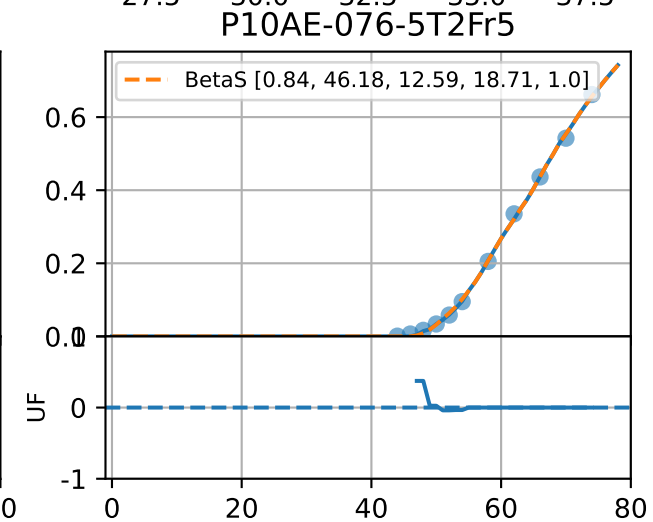
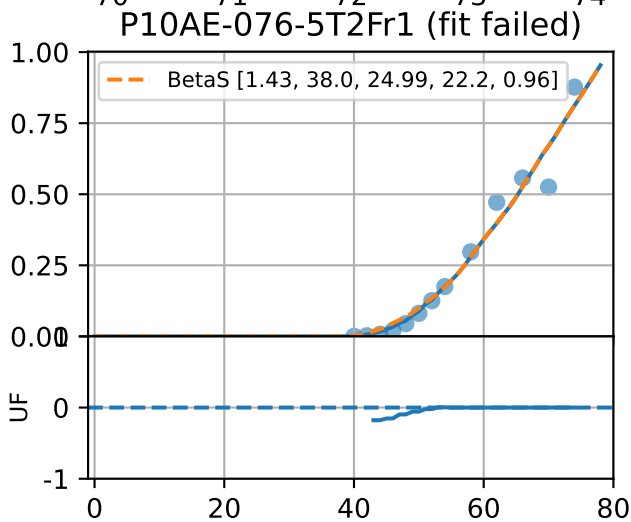
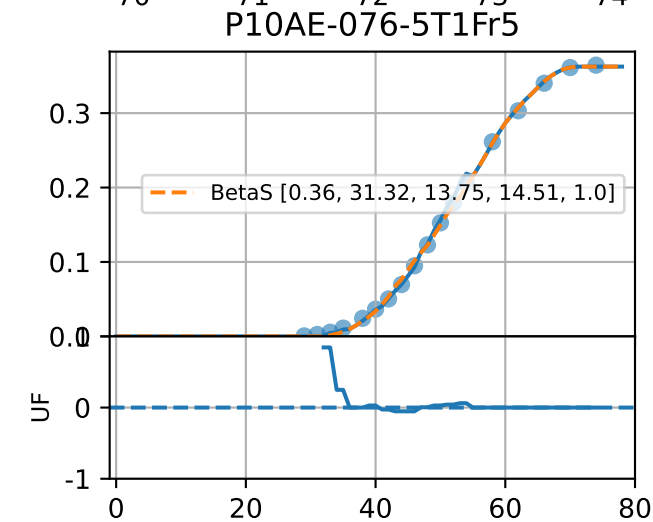
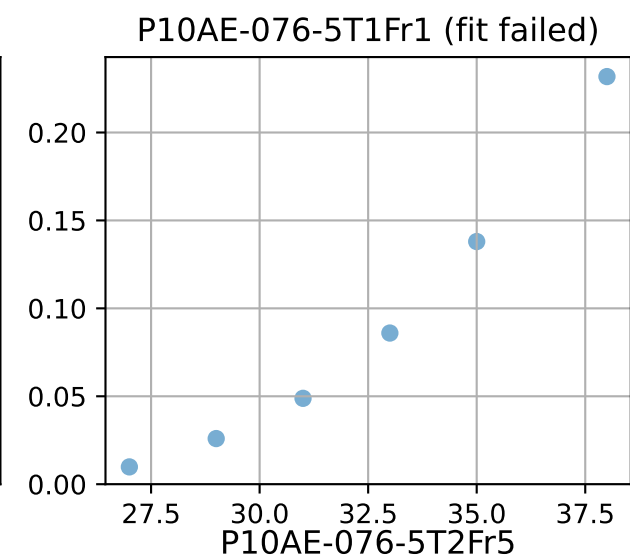
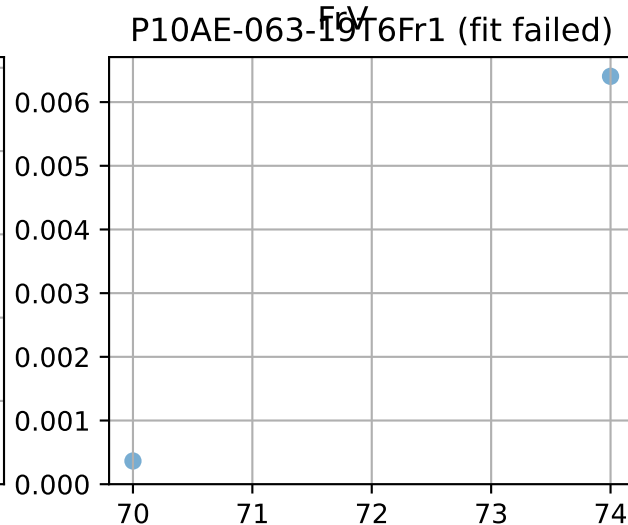
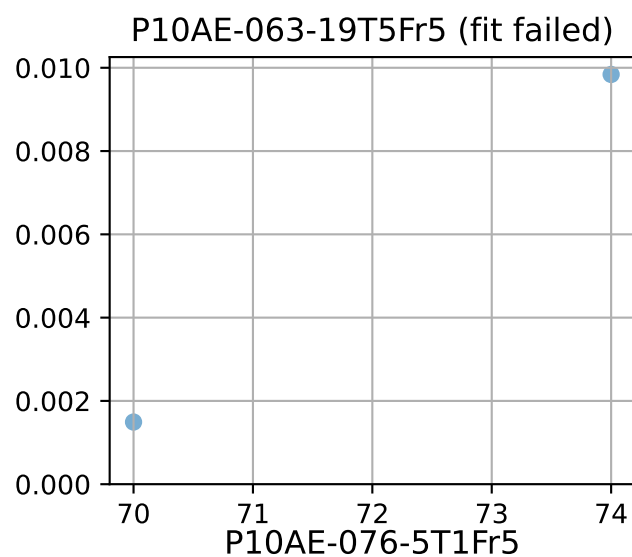
By Start Date



By Plant/Organ Age





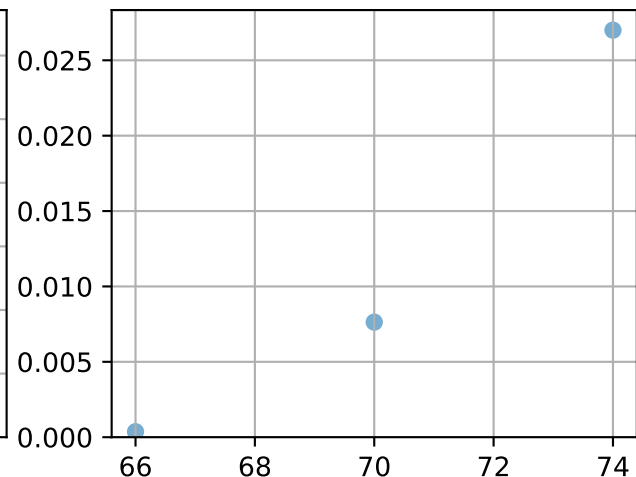
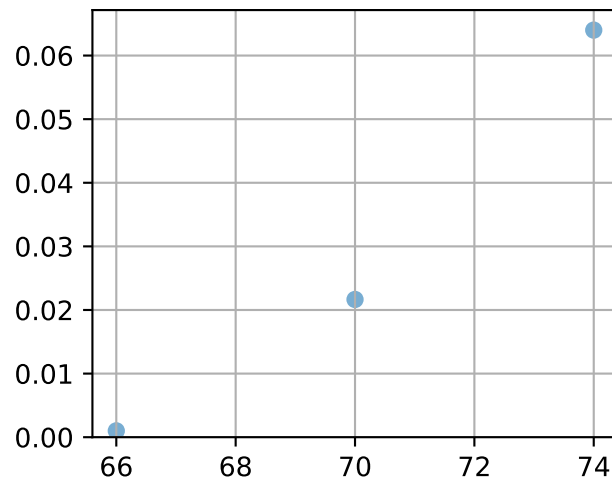
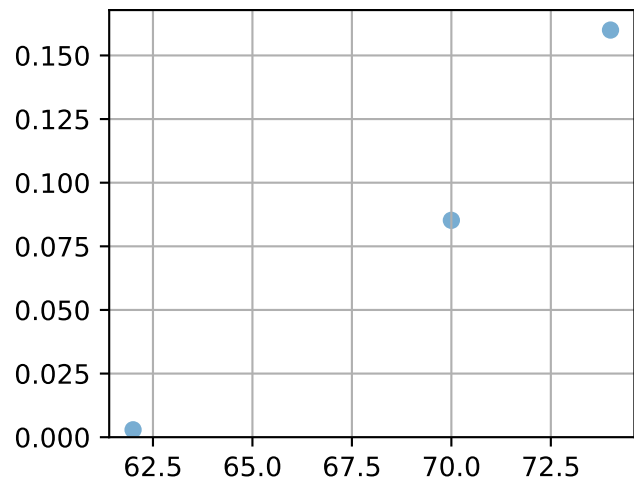


FrV

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P10AE-076-5T5Fr1 (fit failed)

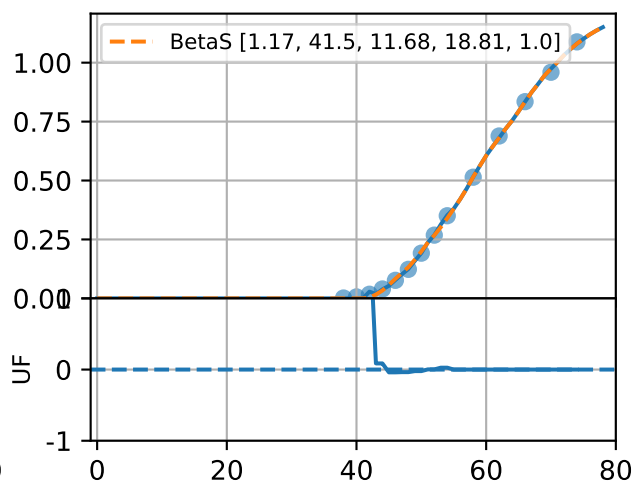
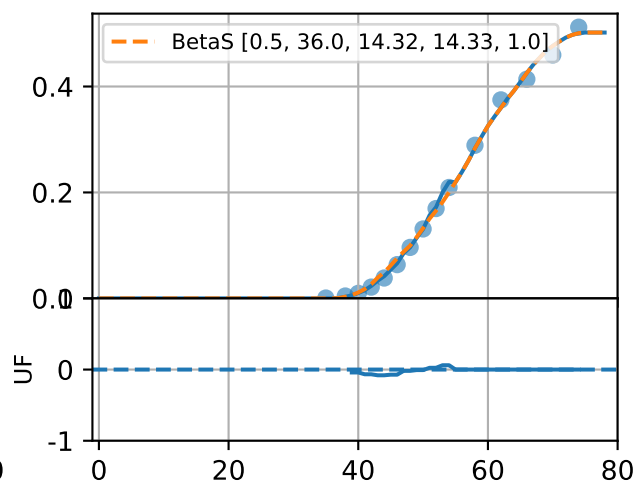
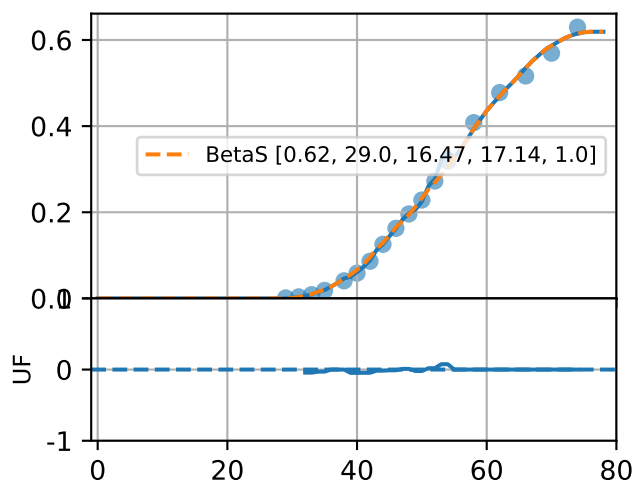
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P10AE-089-22T1Fr1

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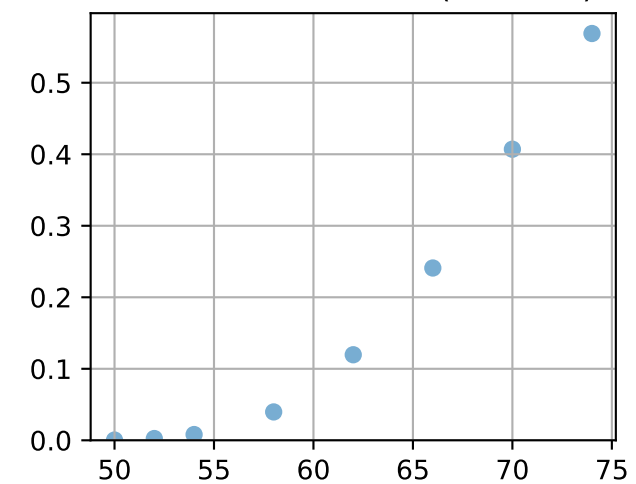
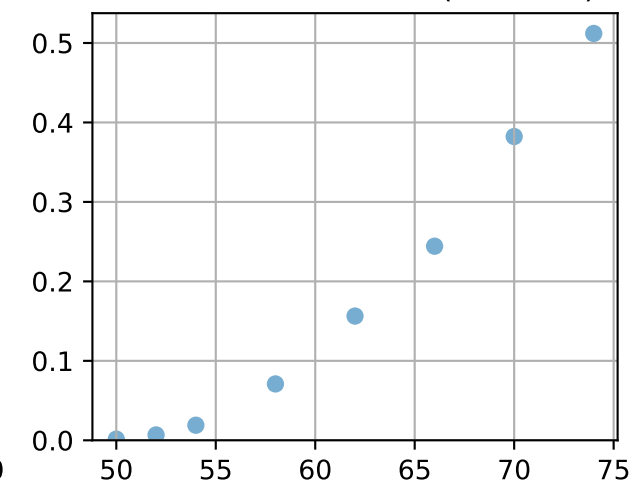
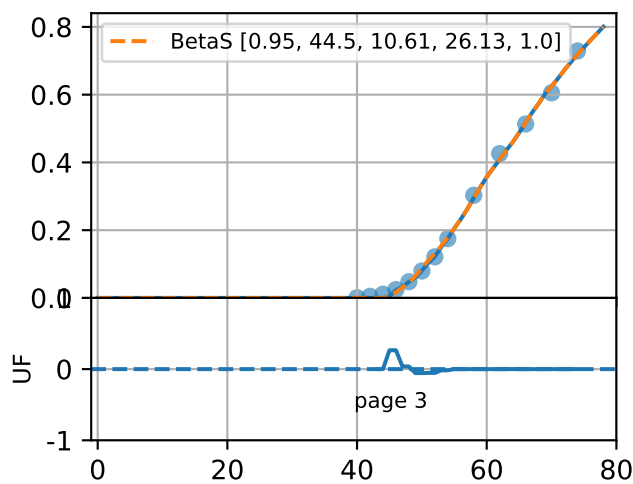
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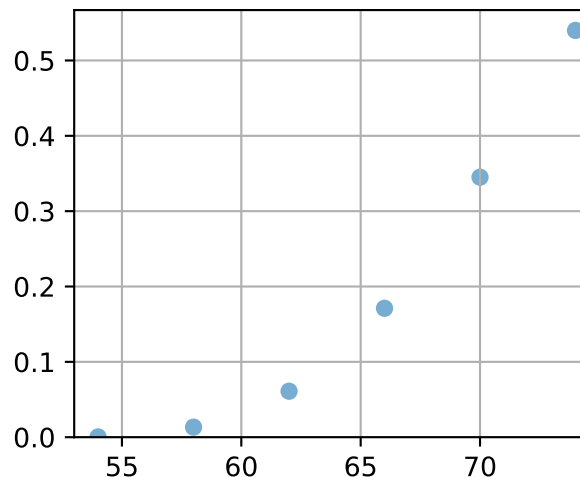
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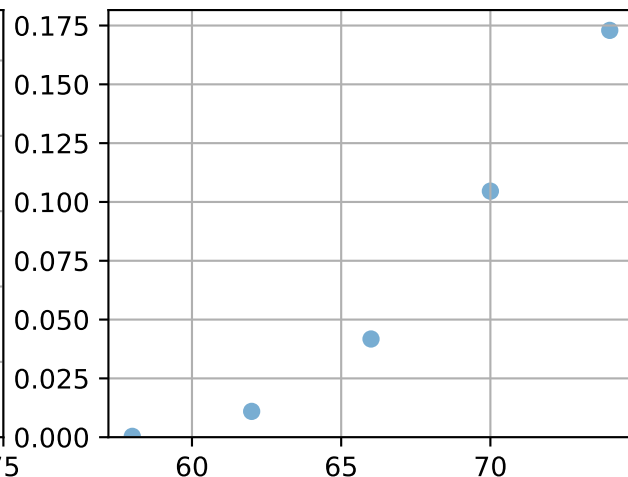
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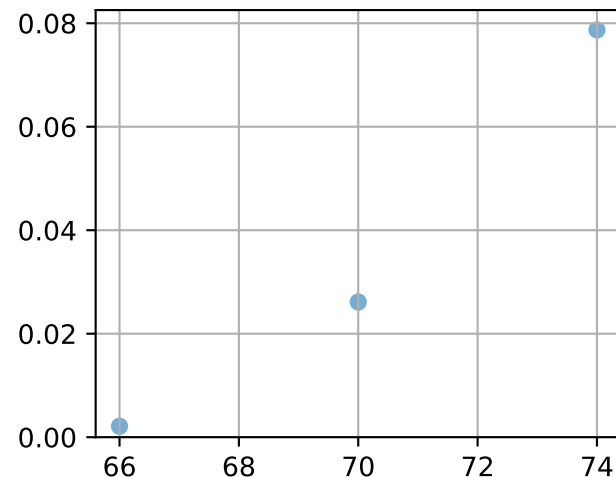
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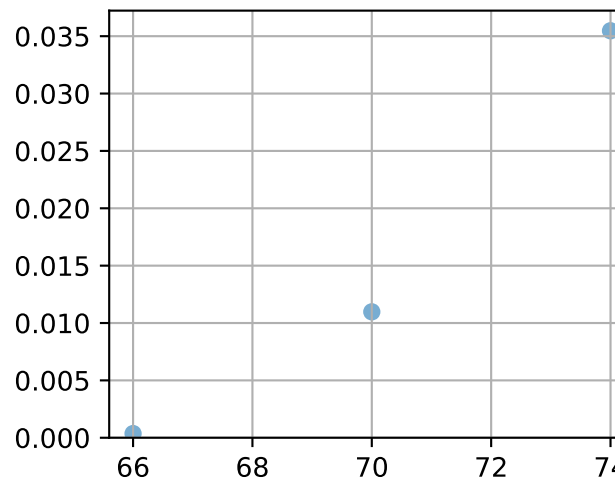
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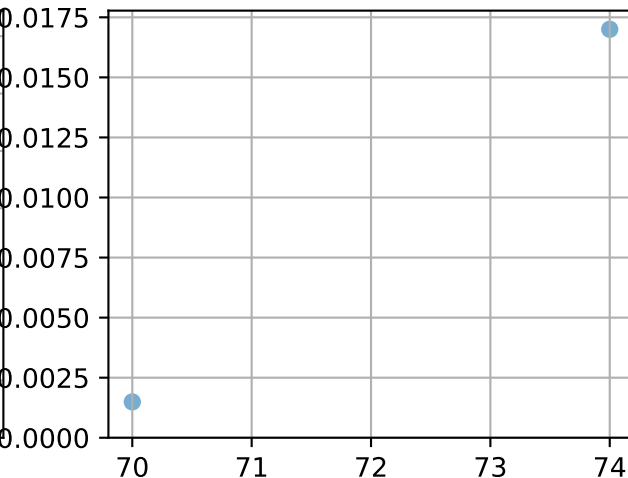
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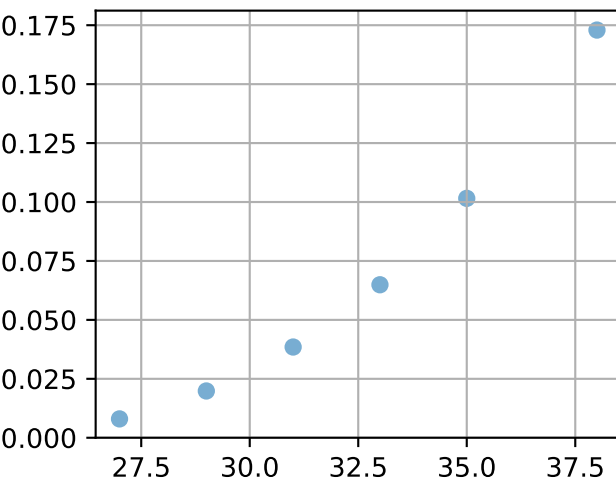
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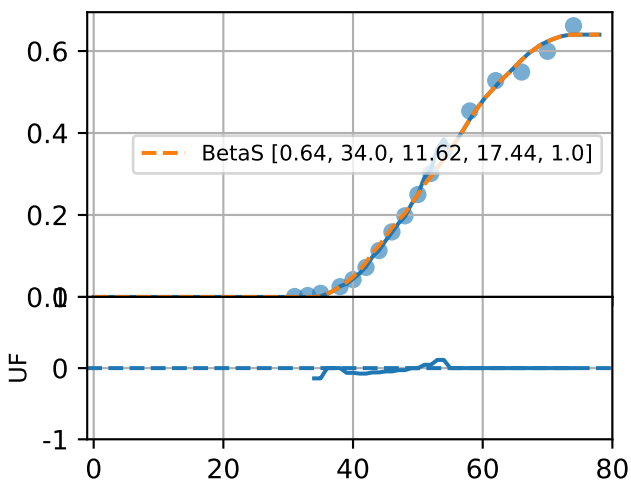
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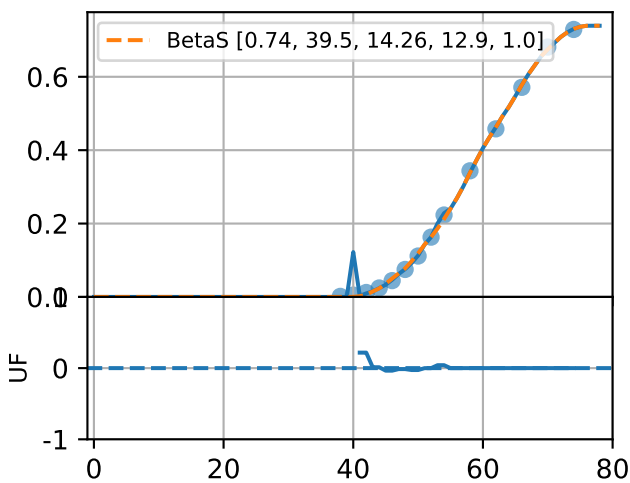
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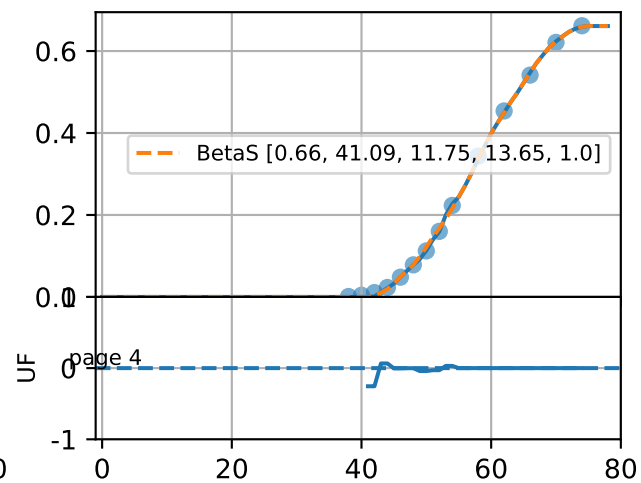
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P10AE-103-17T2Fr1



P10AE-103-17T2Fr5

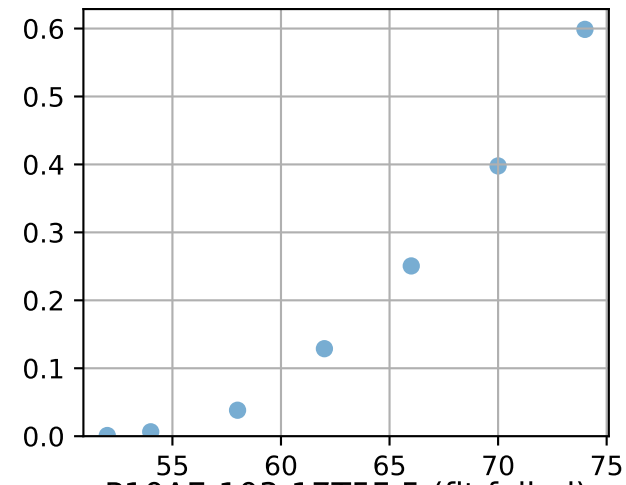
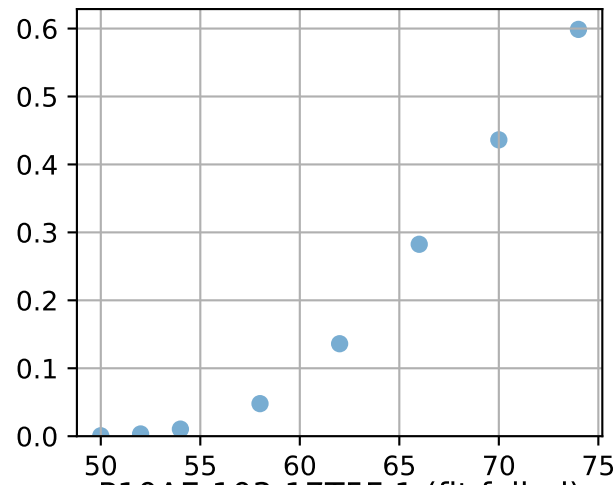
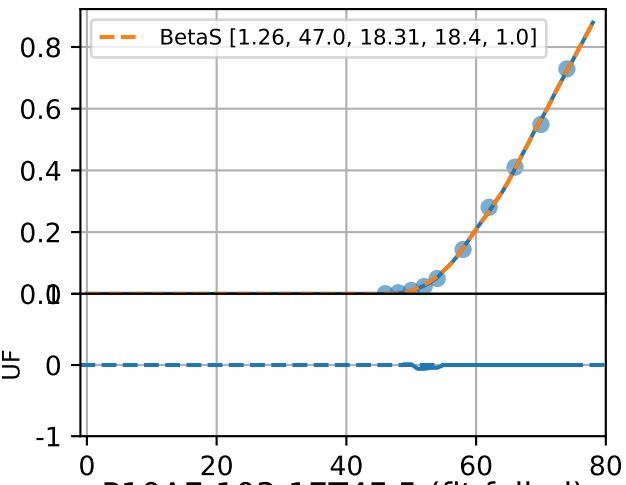


Fr₁

P10AE-103-17T3Fr1

P10AE-103-17T3Fr5 (fit failed)

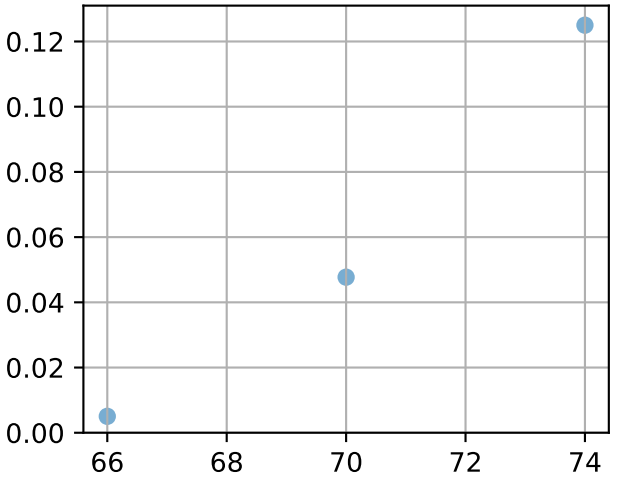
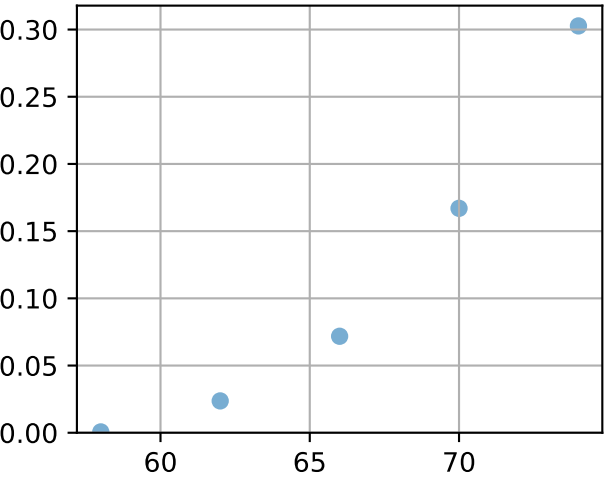
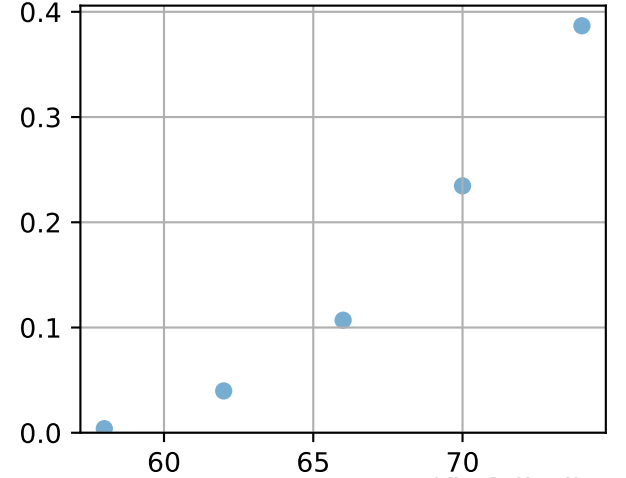
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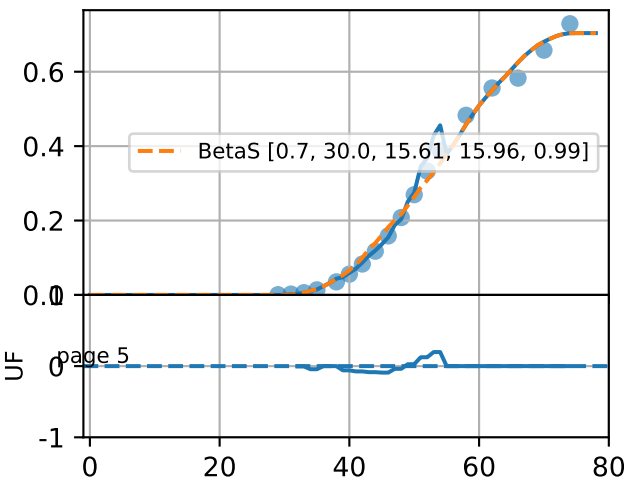
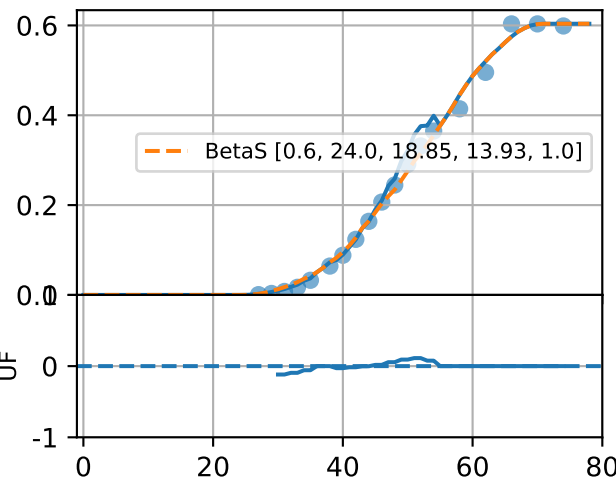
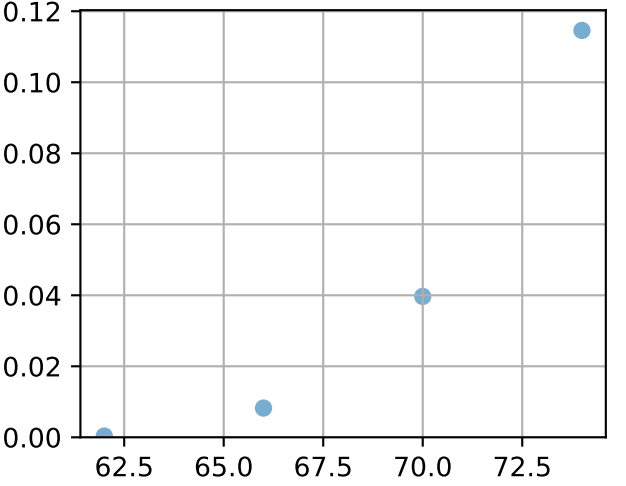
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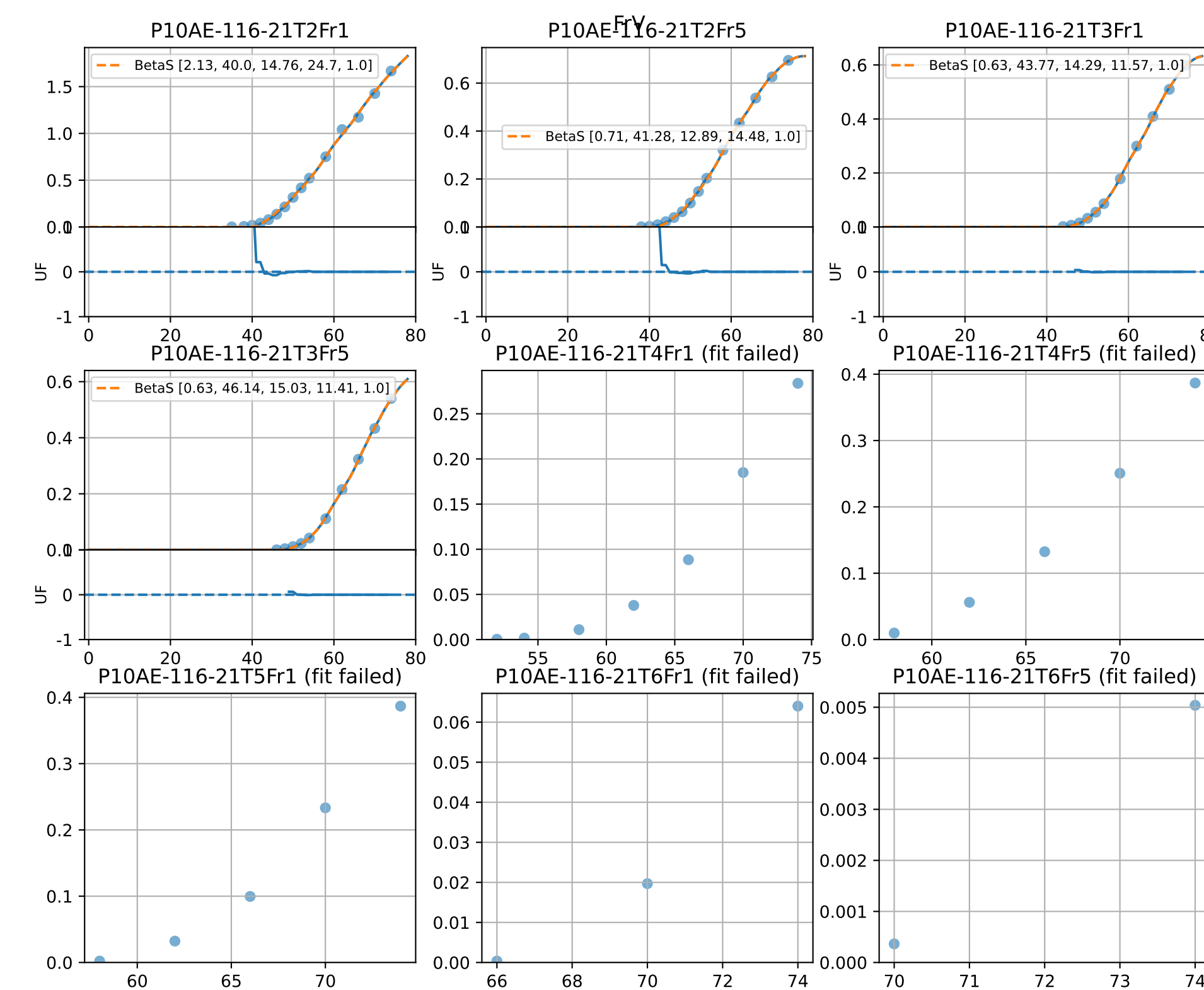


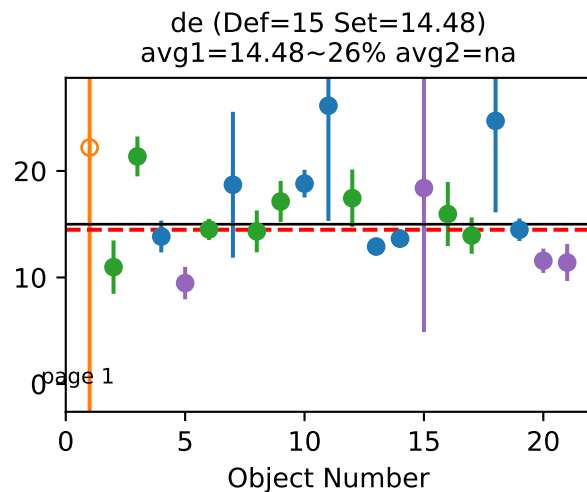
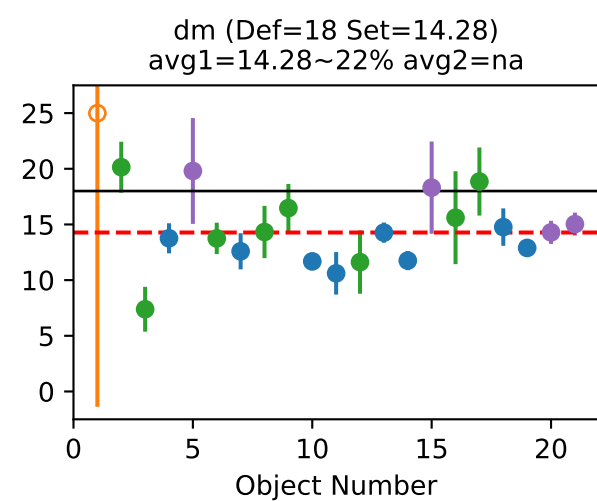
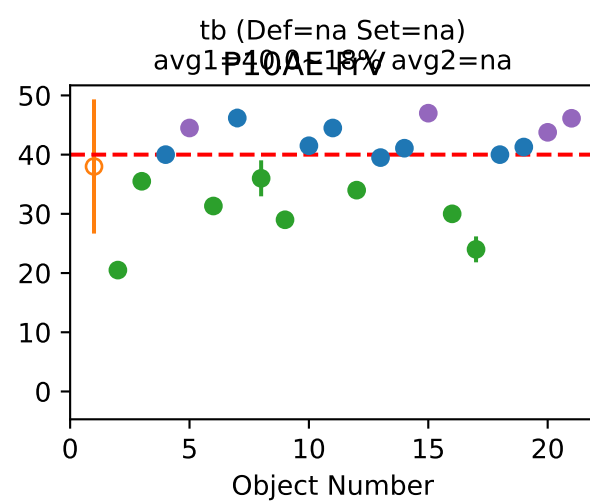
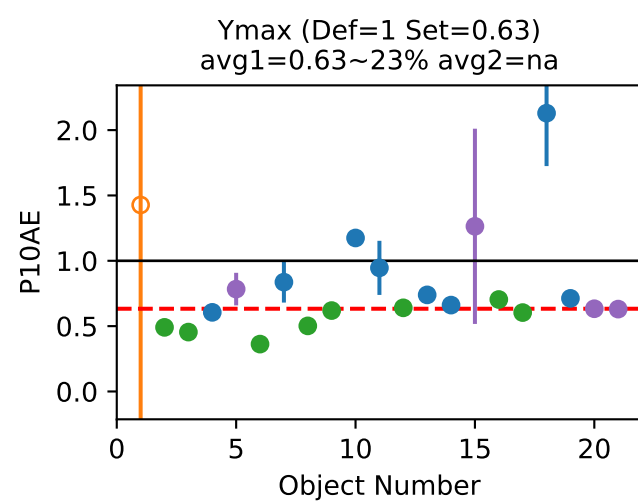
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P10AE-116-21T1Fr1

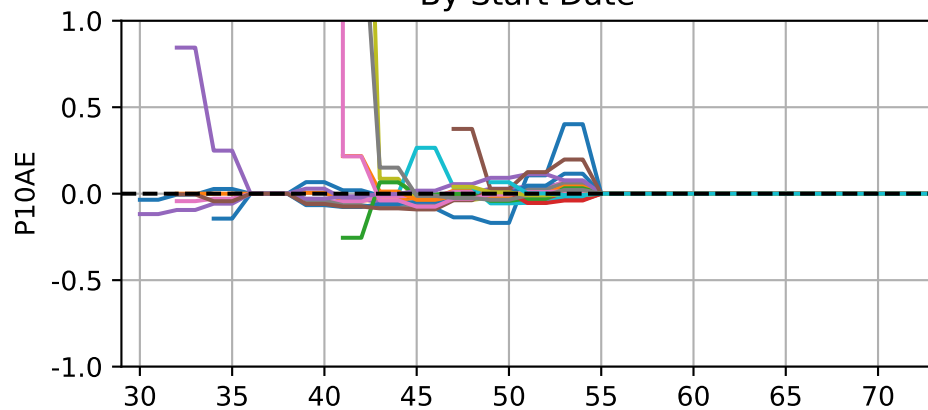
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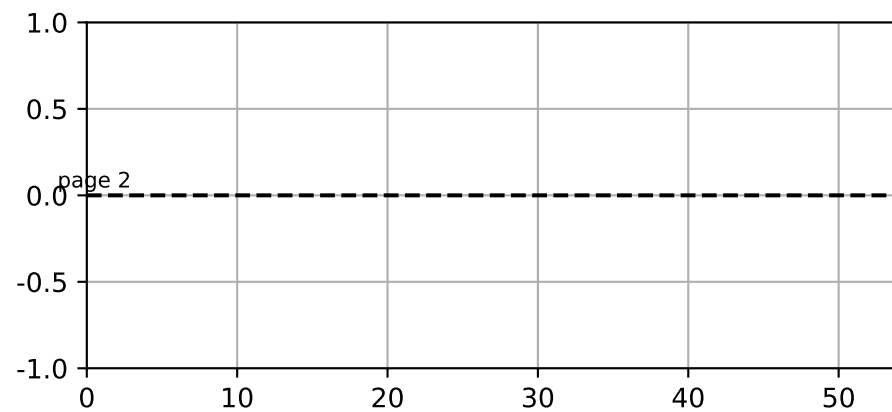
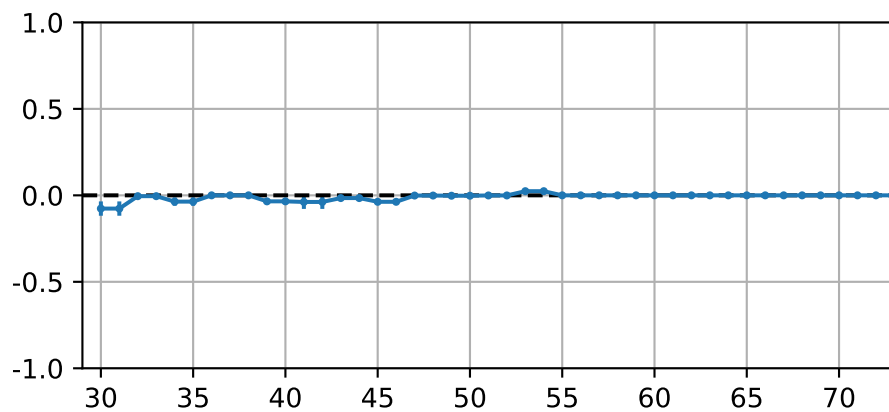
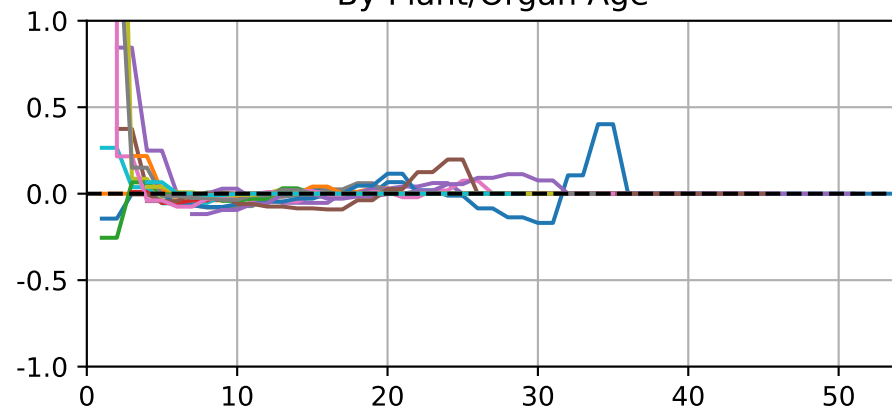




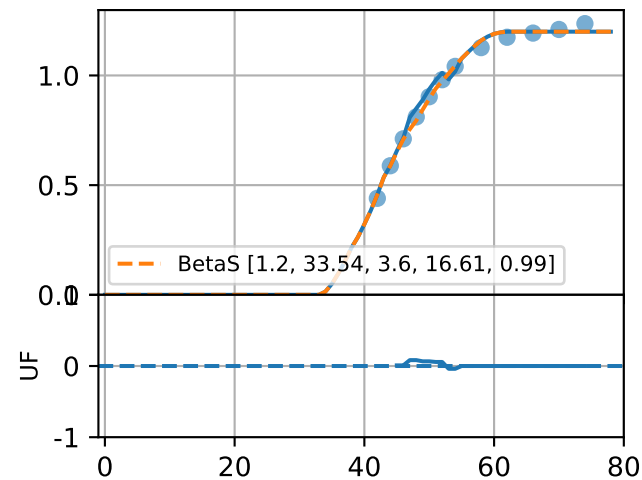
By Start Date



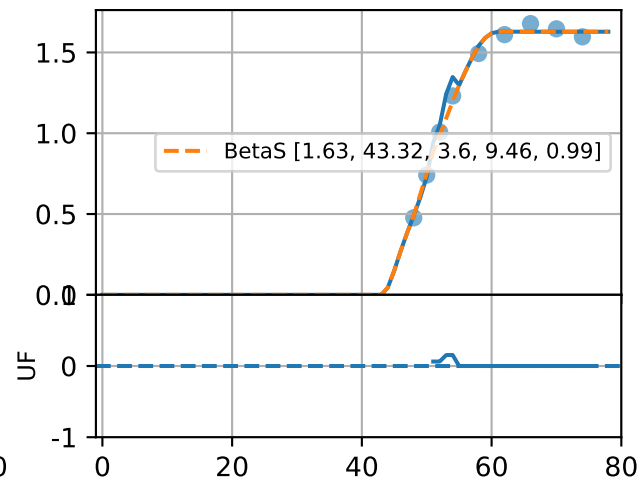
By Plant/Organ Age



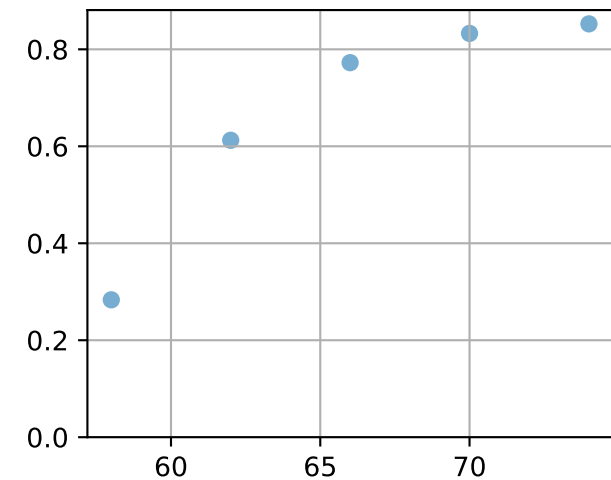
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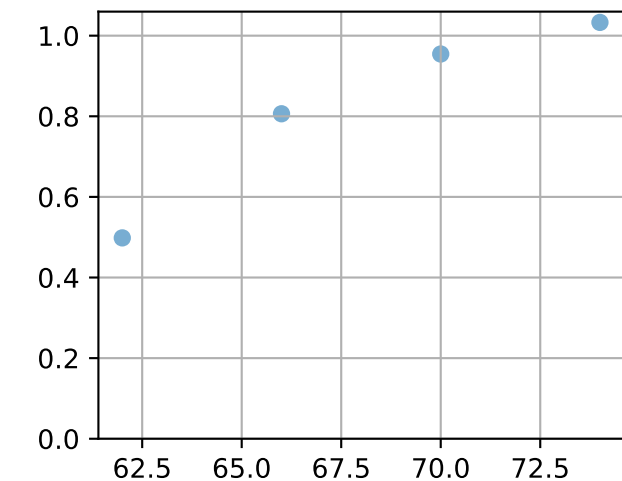
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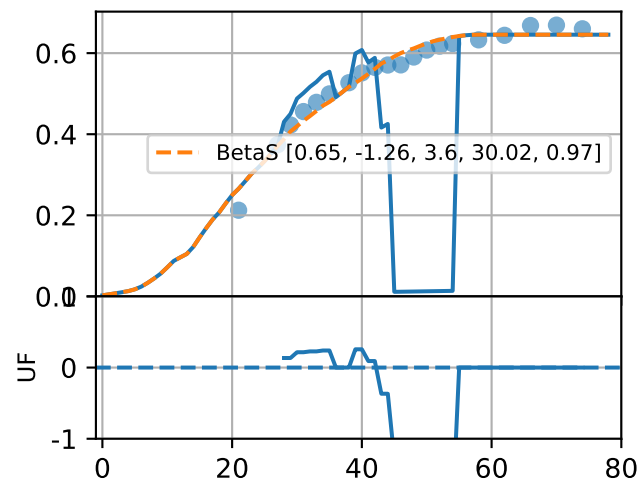
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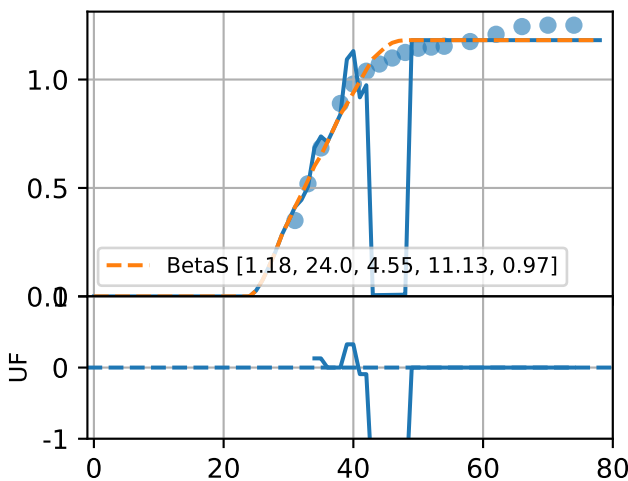
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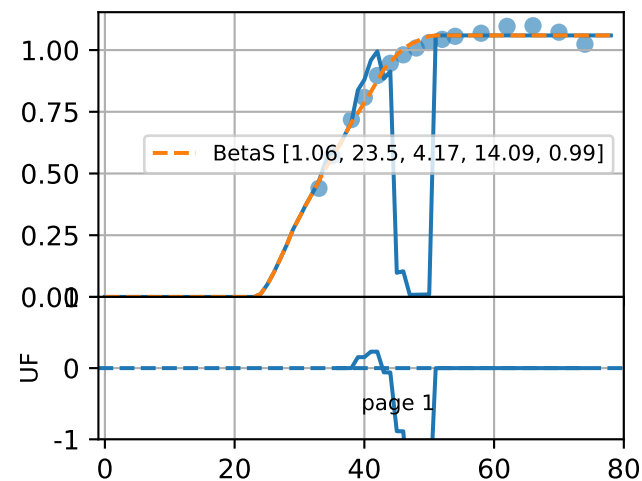
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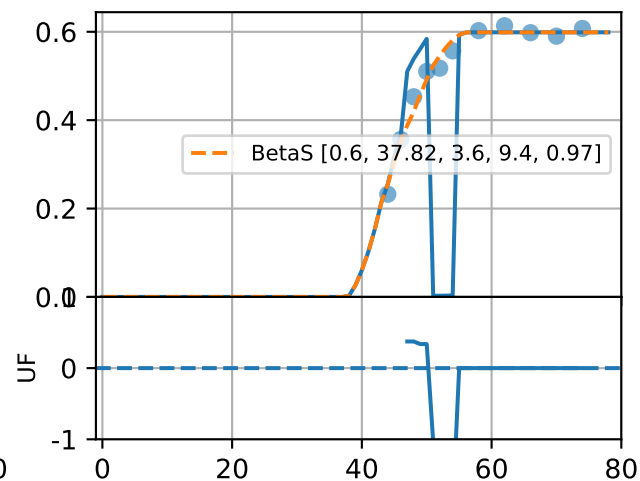
P10AE-063-19L9 (fit failed)



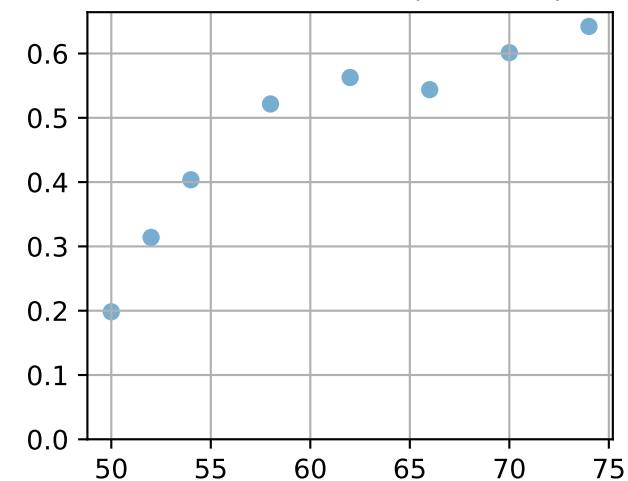
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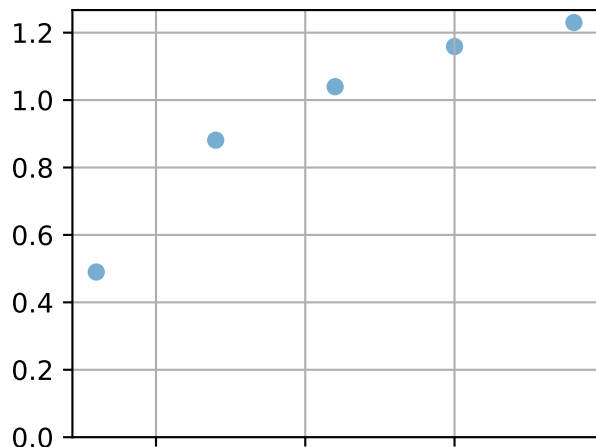
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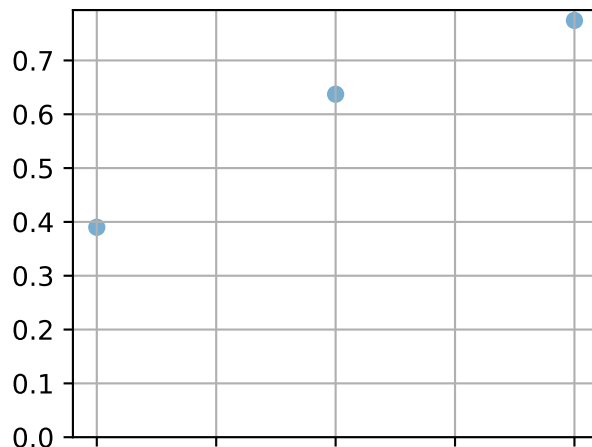
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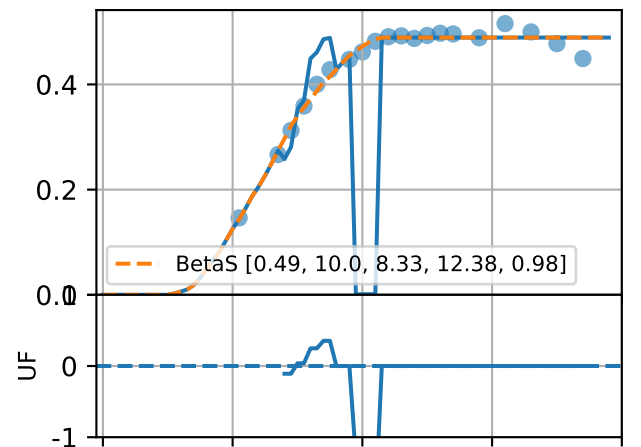
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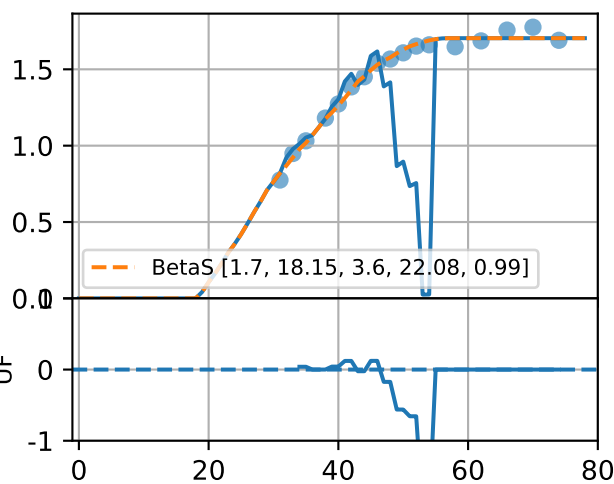
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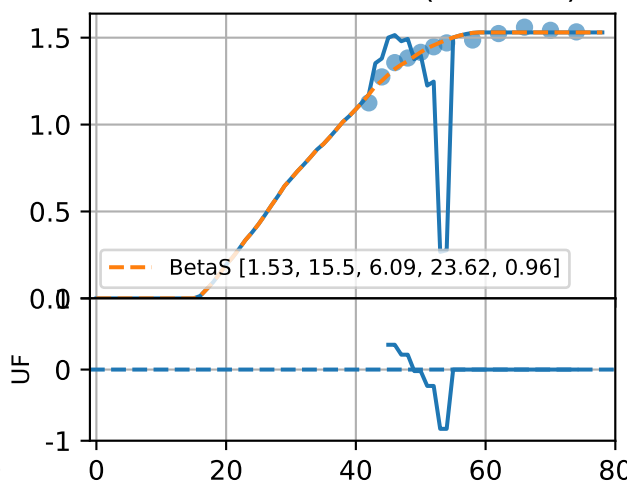
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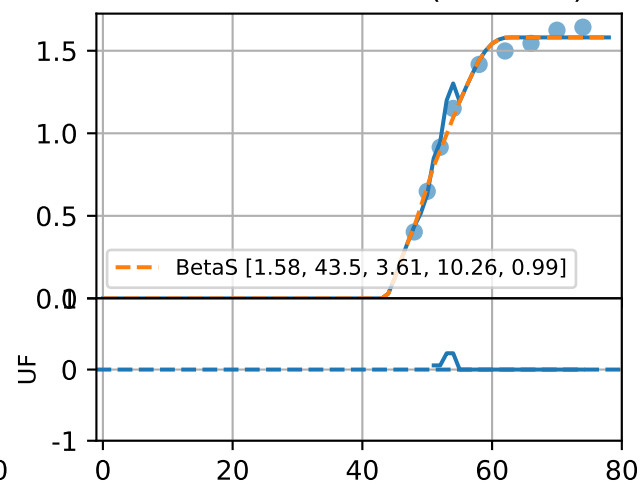
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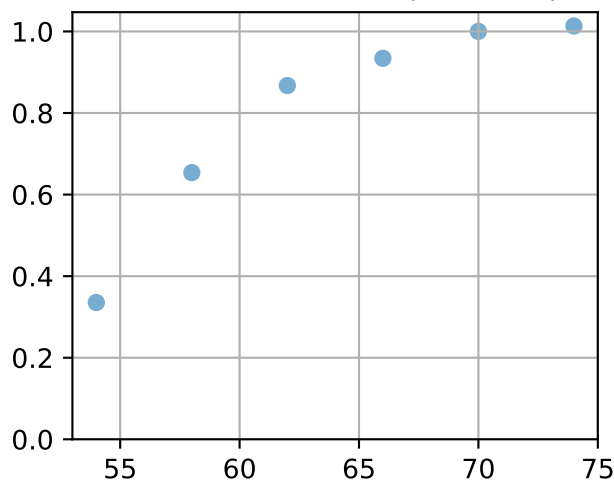
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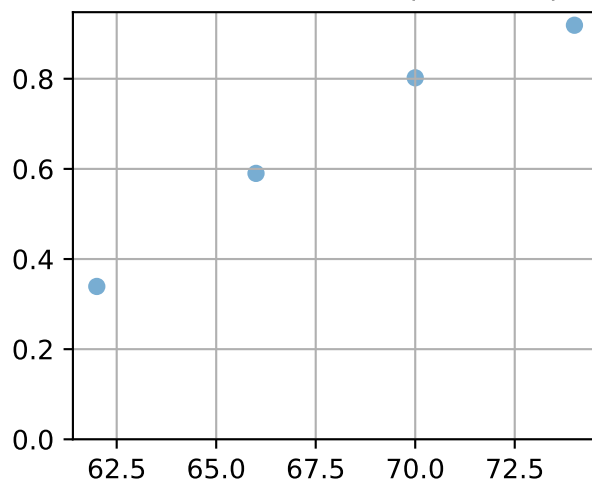
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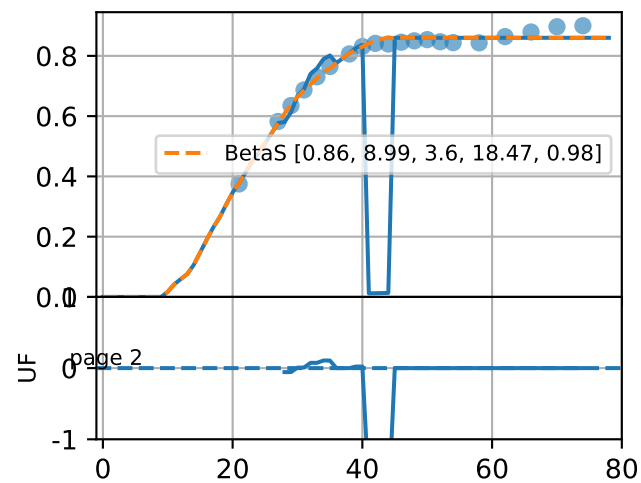
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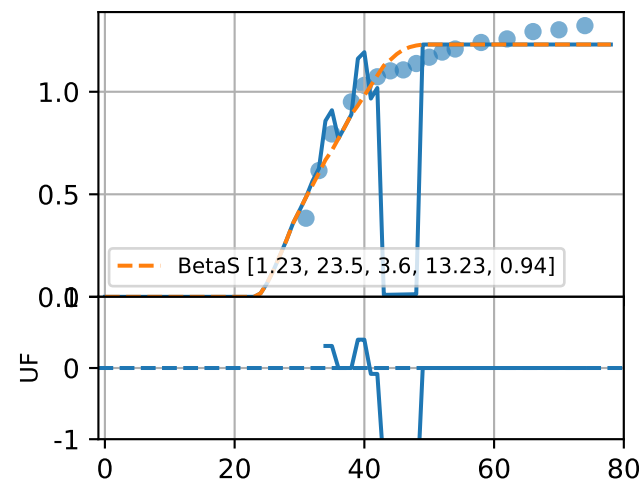
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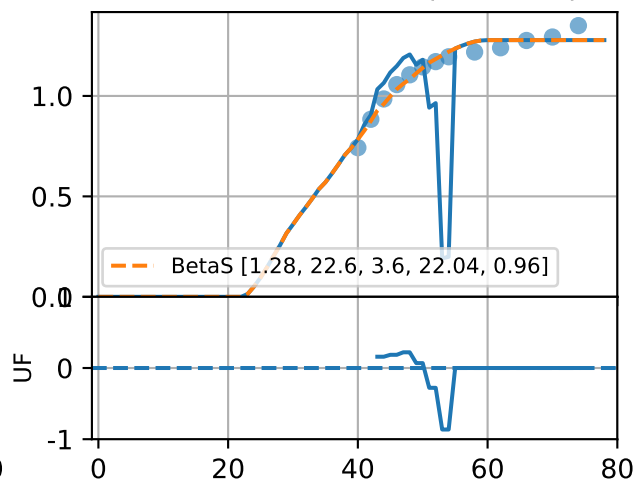
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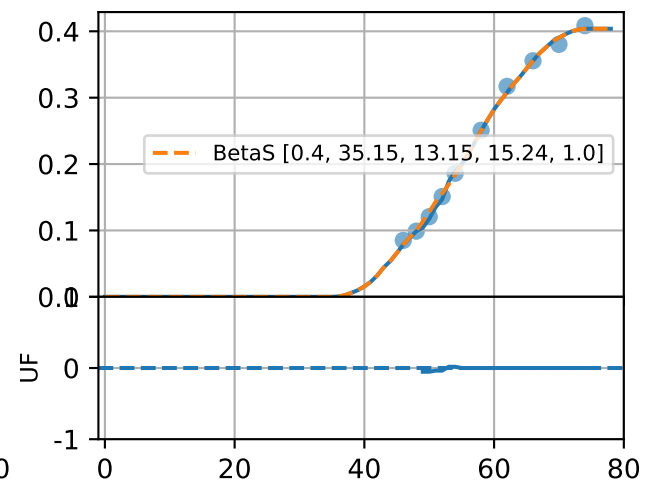
P10AE-103-17L10



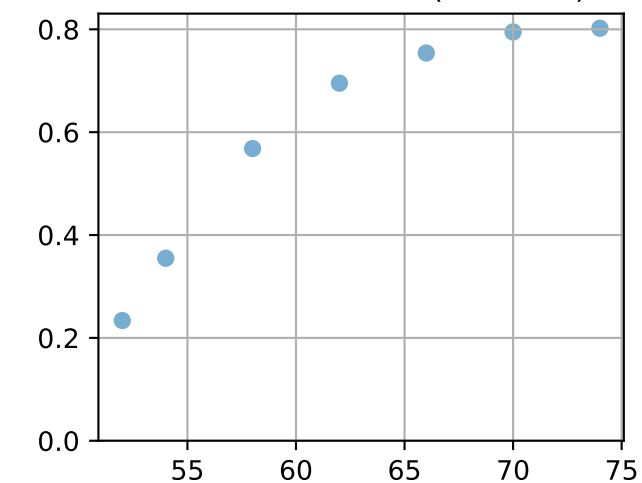
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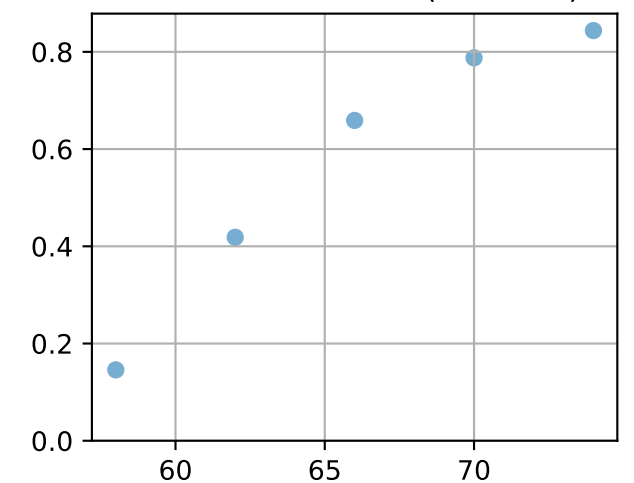
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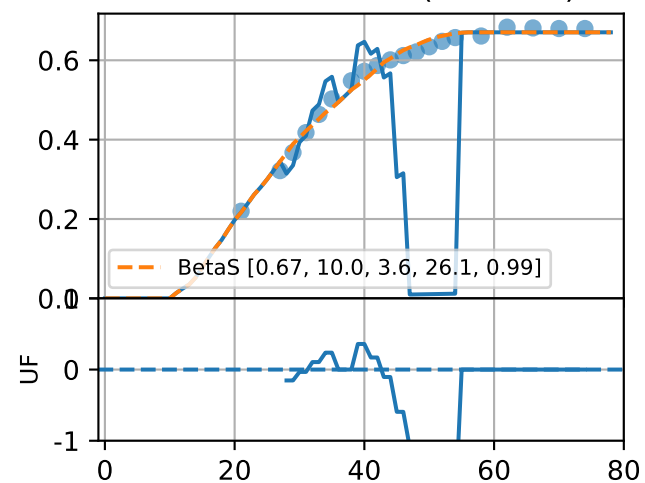
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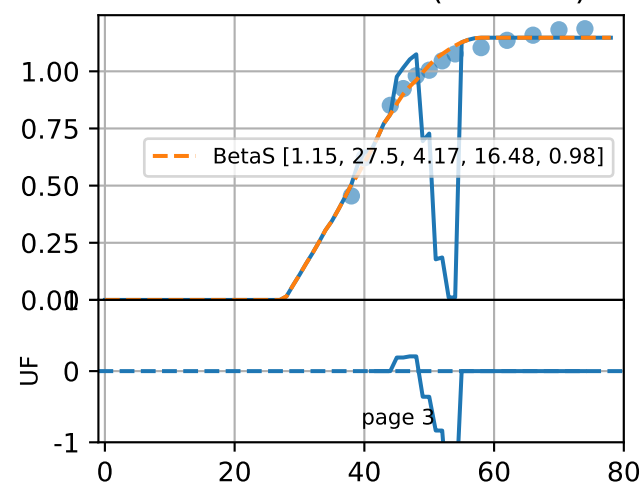
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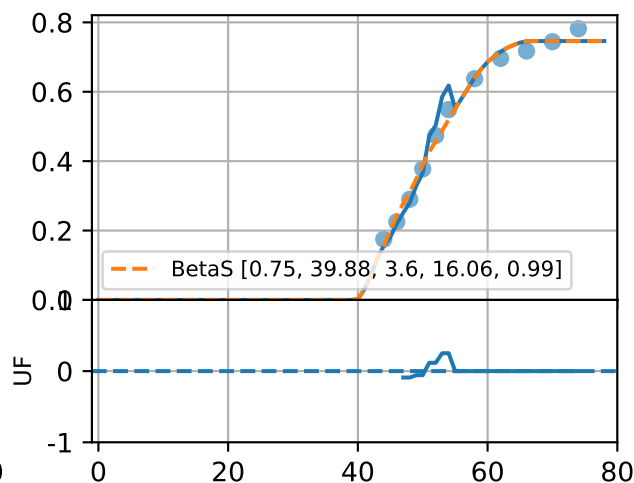
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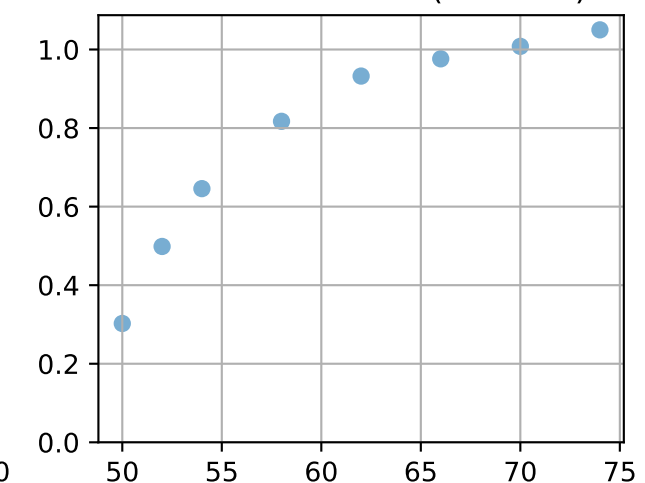
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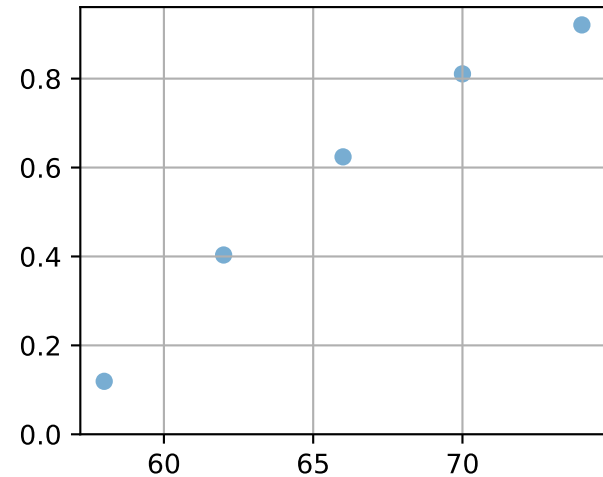
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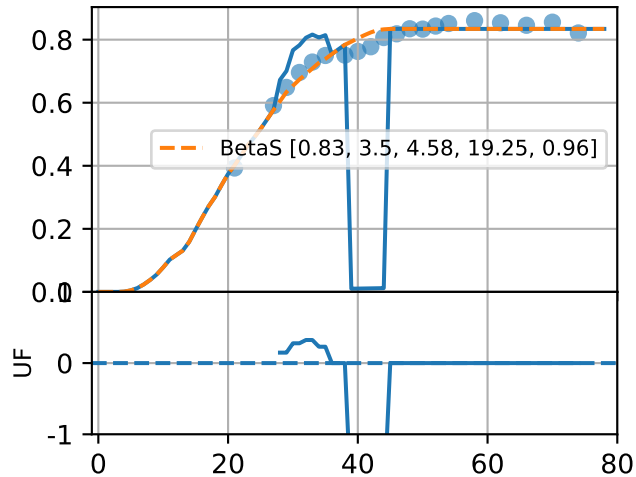
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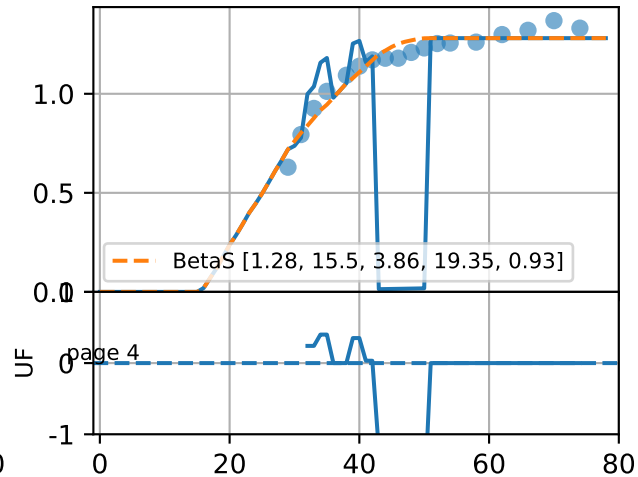
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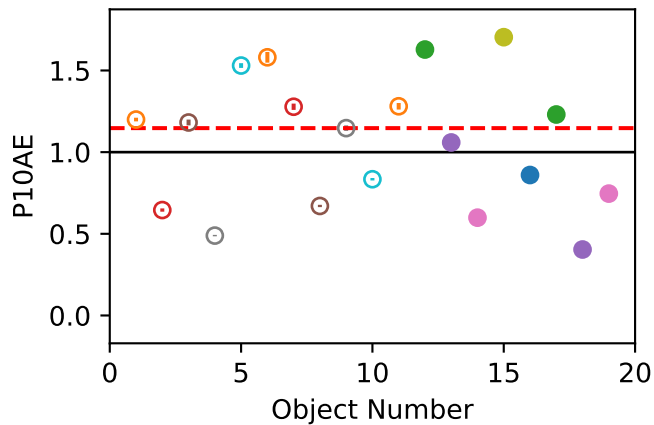
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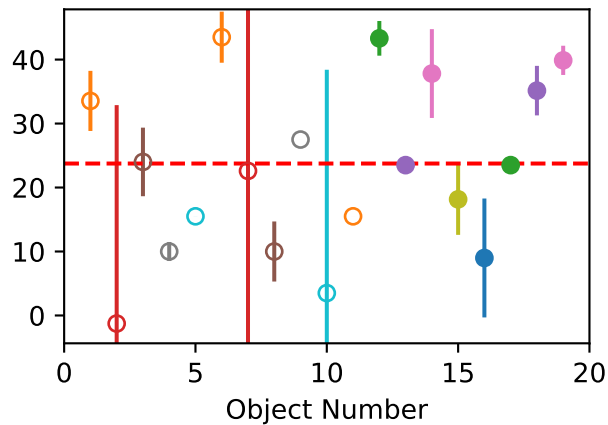
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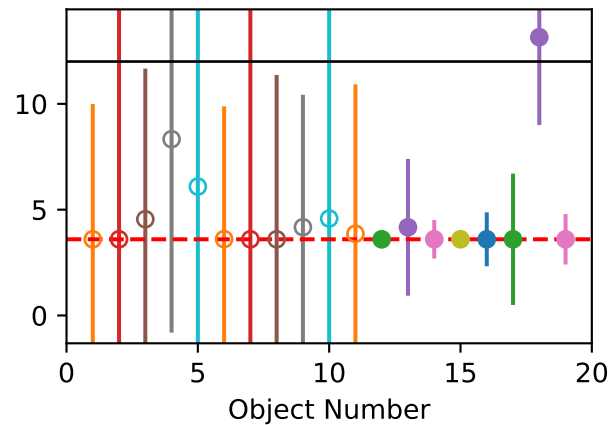
Ymax (Def=1 Set=1.15)
avg1=1.15~35% avg2=na



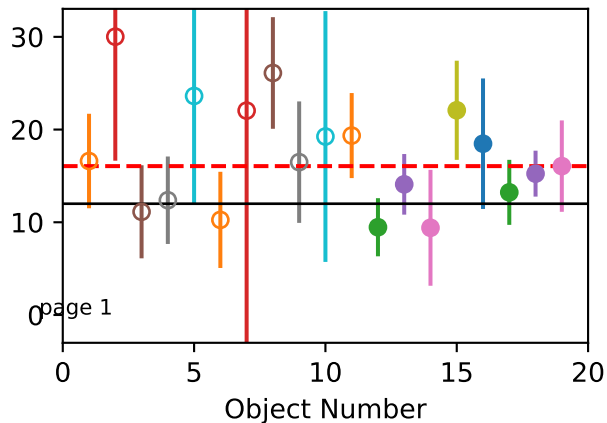
tb (Def=na Set=na)
avg1=21.07~11% avg2=na



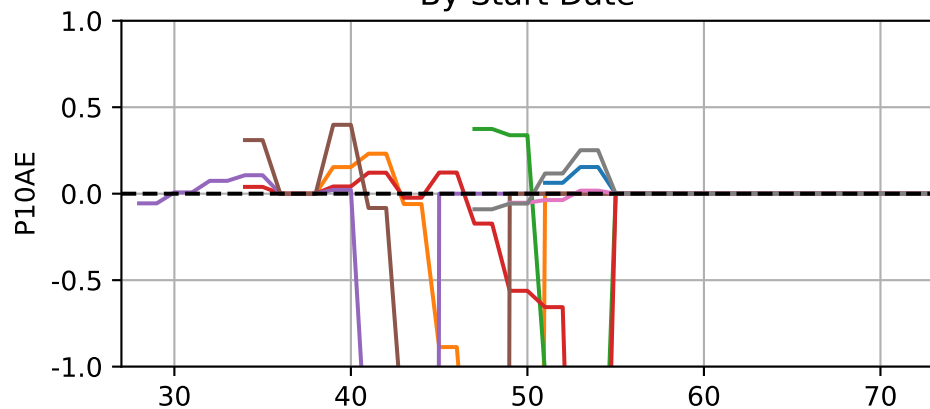
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avg1=3.6~0% avg2=na



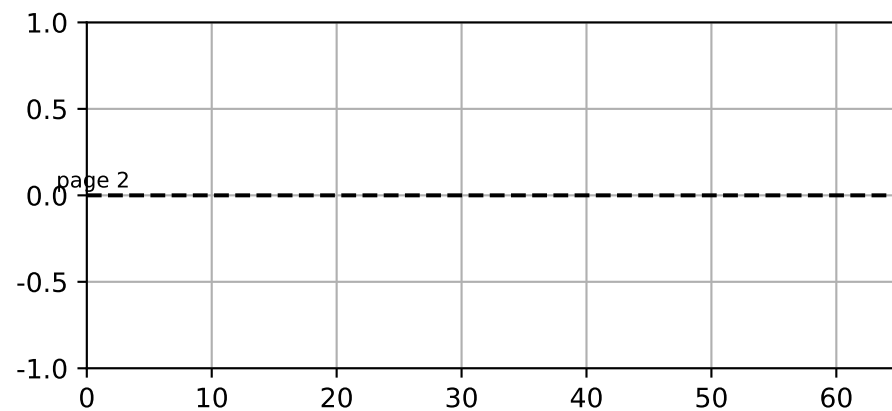
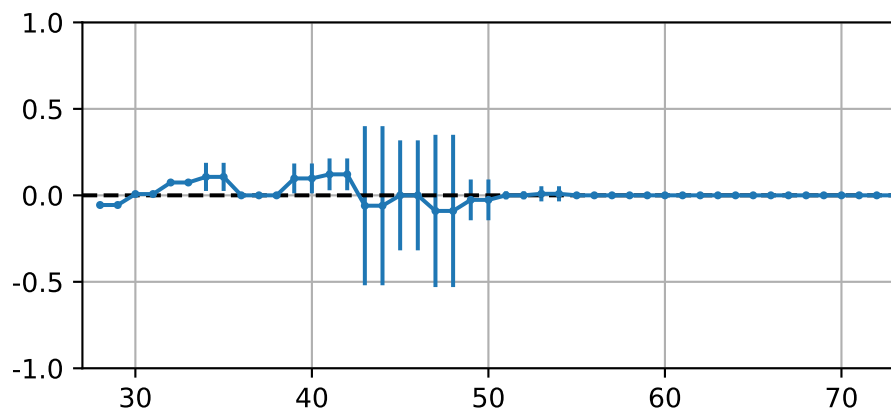
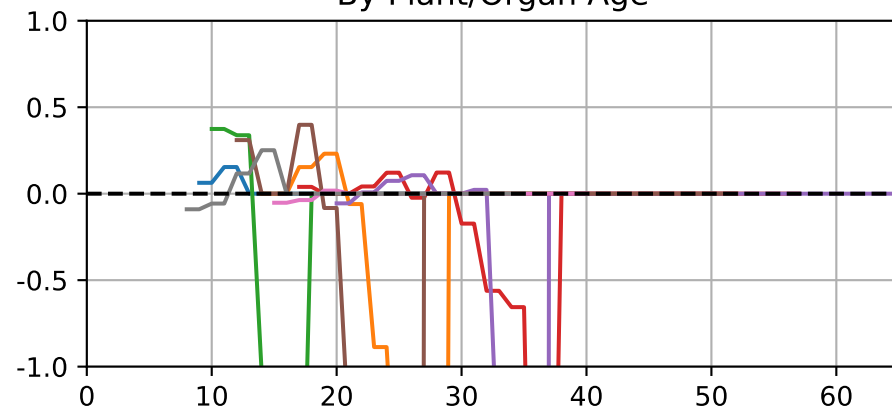
de (Def=12 Set=16.06)
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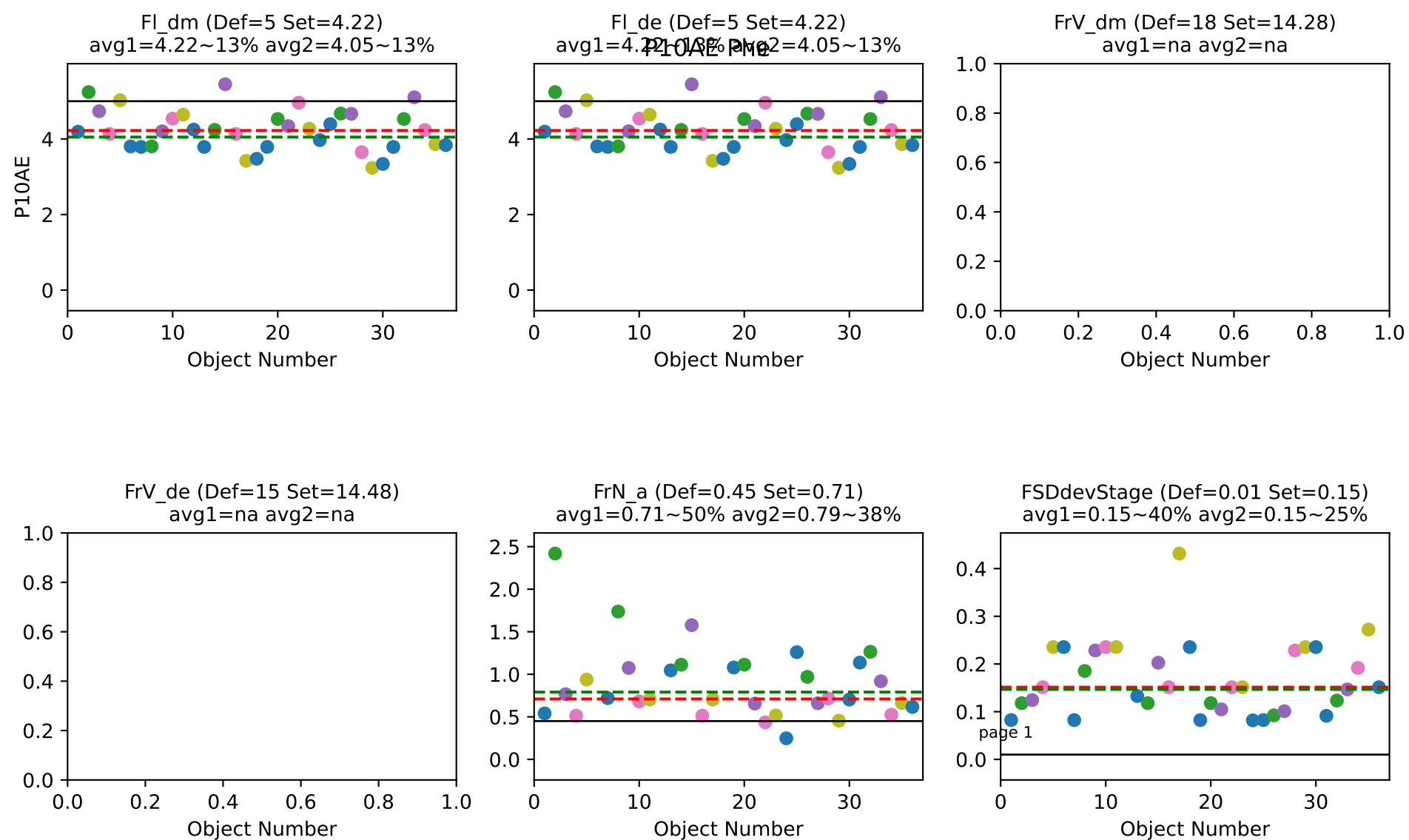


By Start Date

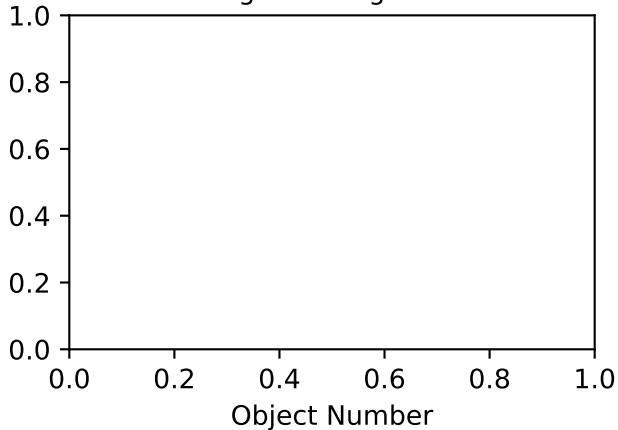


By Plant/Organ Age

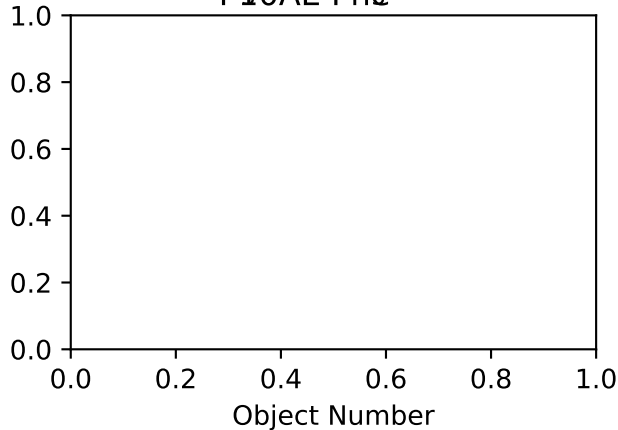




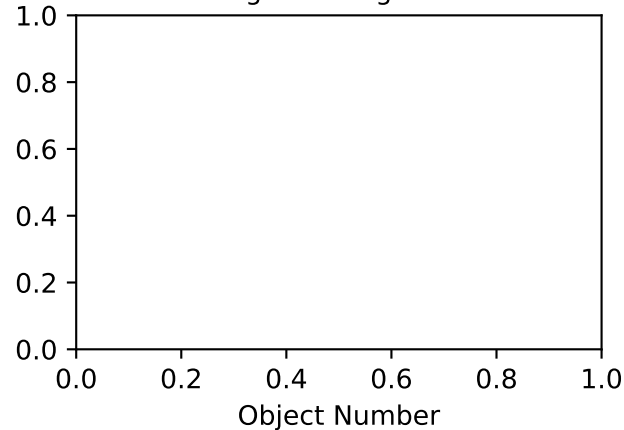
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



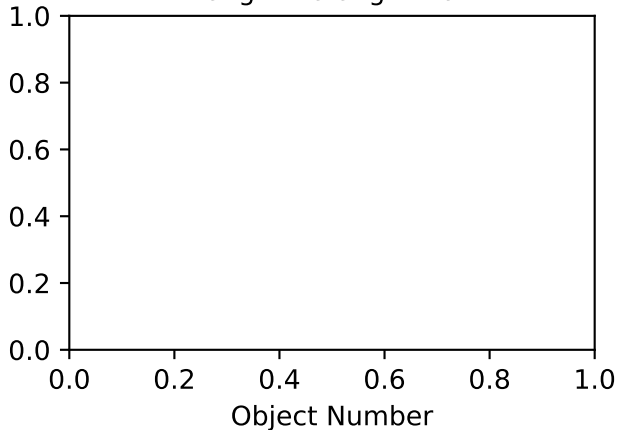
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



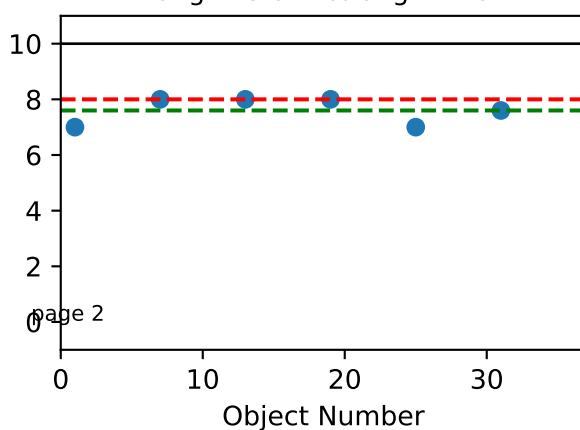
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



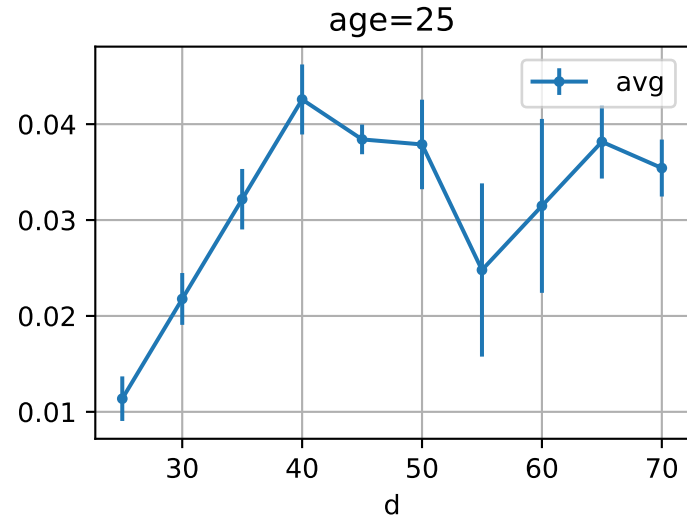
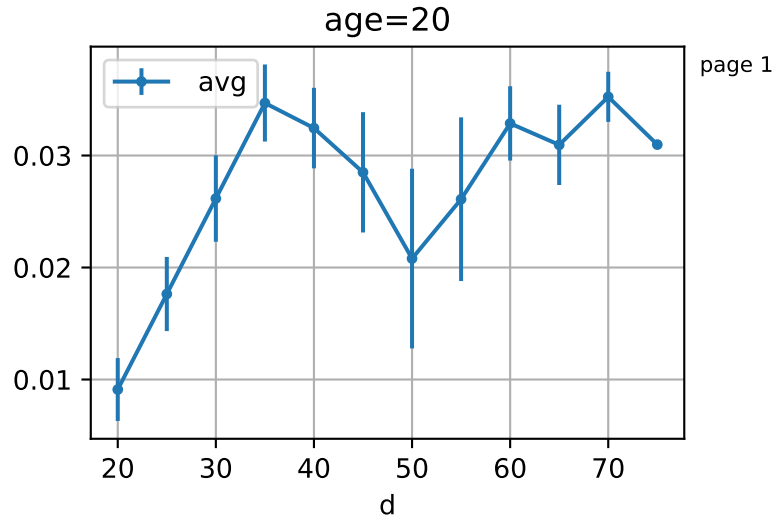
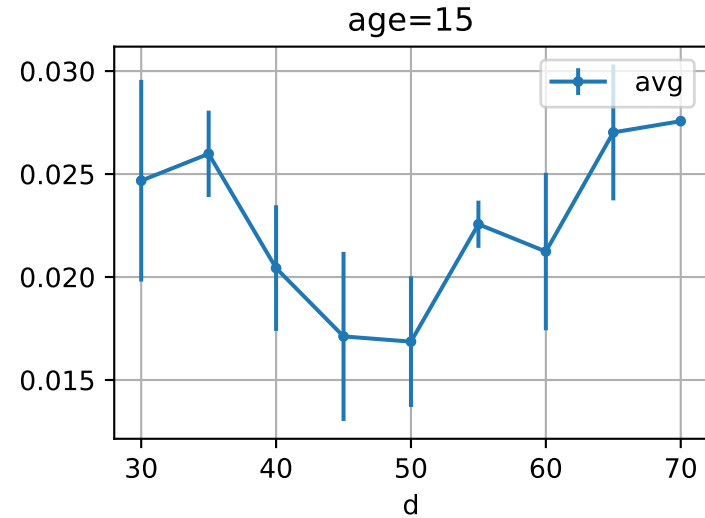
FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na

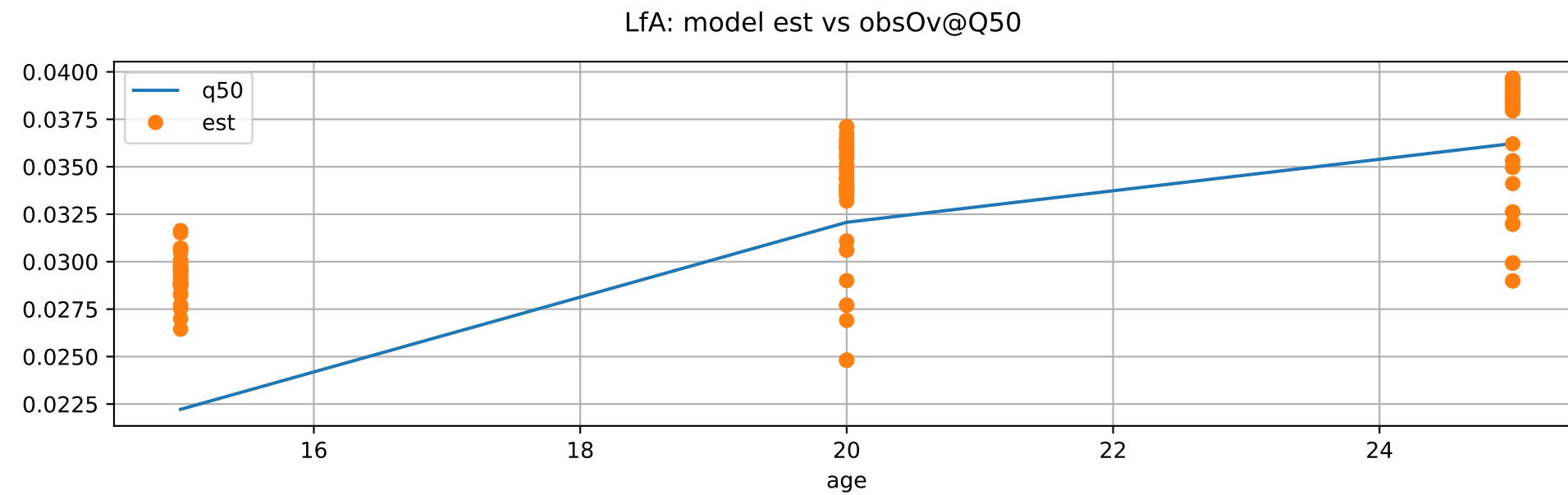


NNgen (Def=10 Set=8)
avg1=8.0~7% avg2=7.6



LfA: avg vs. d at each age group



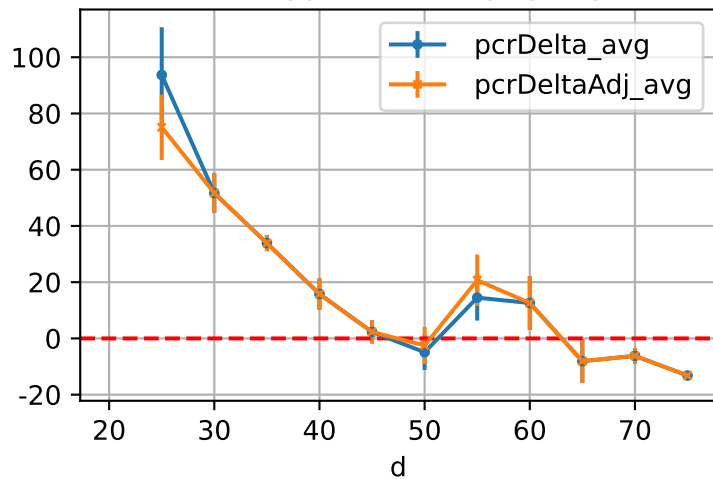
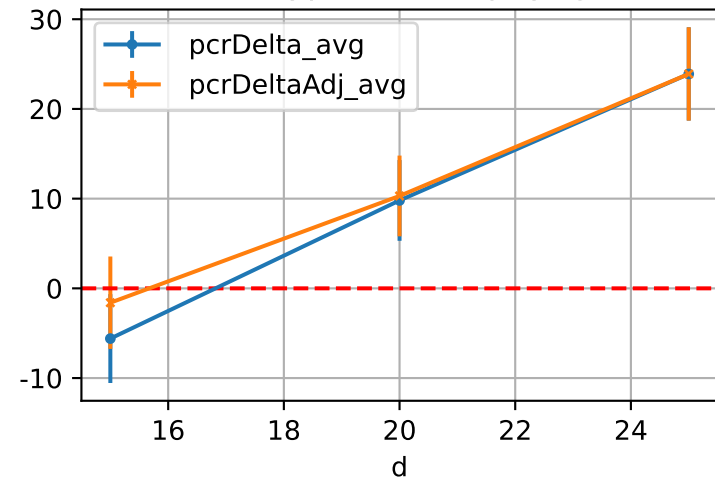


P10AE LfA: D_5d_LfA

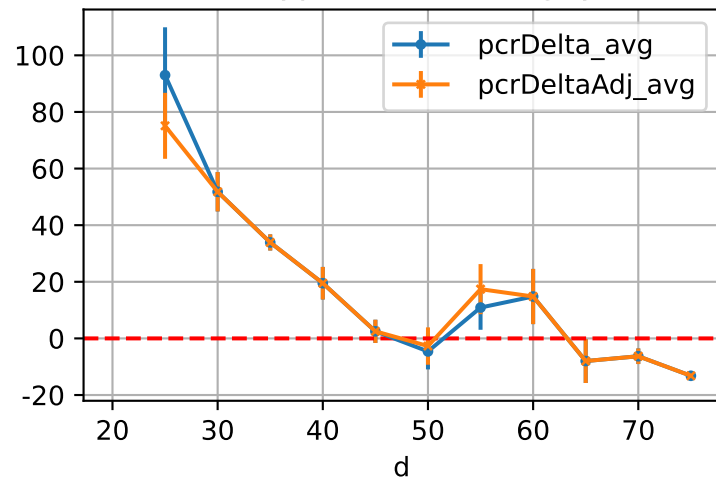
DeltaTypeAbbr=GrpByAge

DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

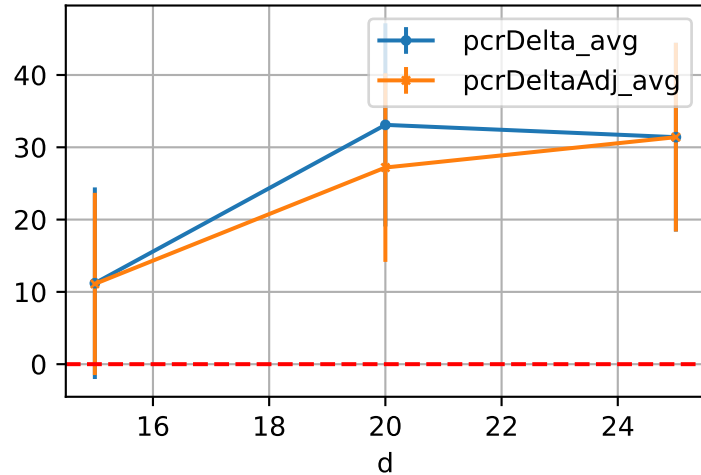


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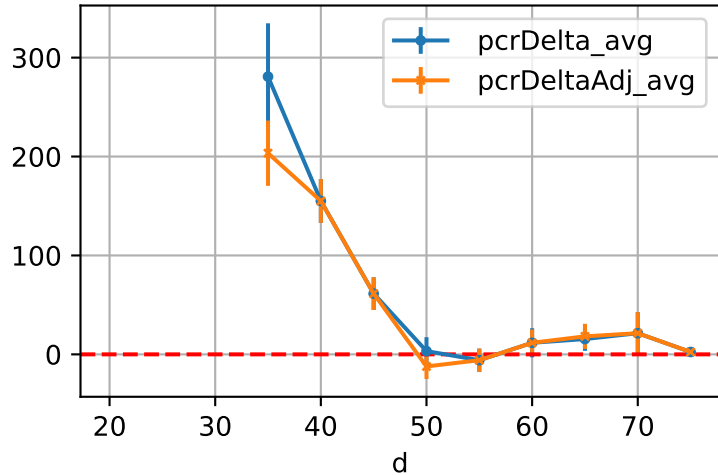


P10AE LfA: D_15d_LfA

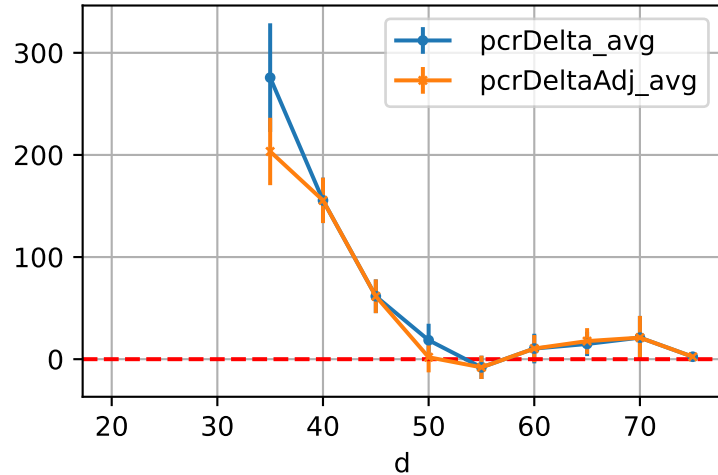
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

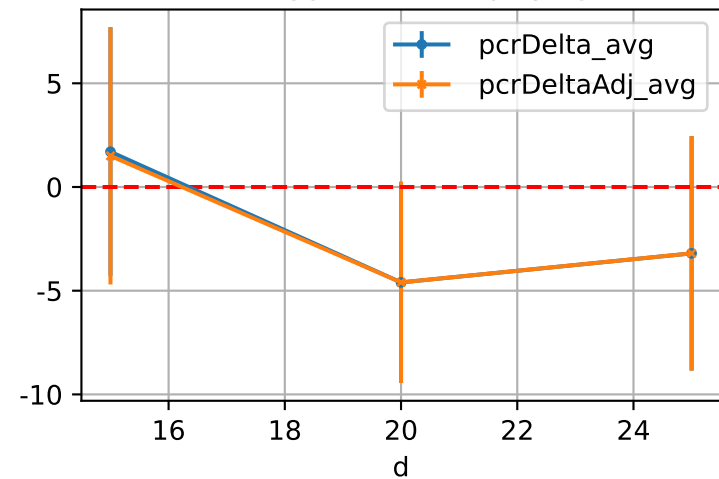


DeltaTypeAbbr=WeiAvgByD

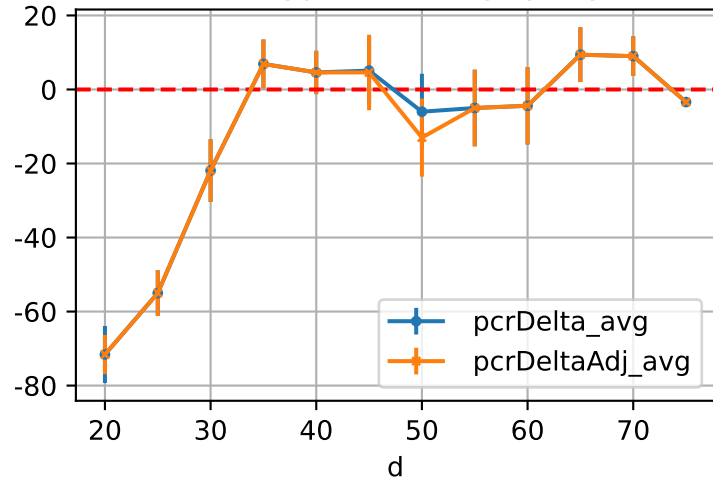


P10AE LfA: D_Q50_LfA

DeltaTypeAbbr=GrpByAge

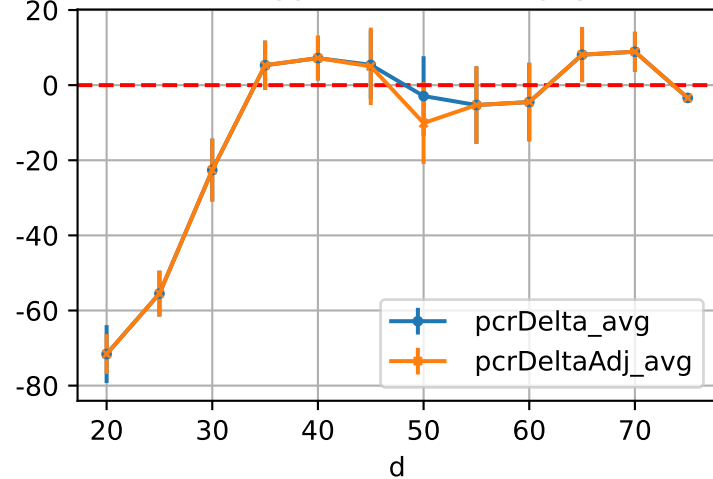


DeltaTypeAbbr=GrpByDay



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DeltaTypeAbbr=WeiAvgByD



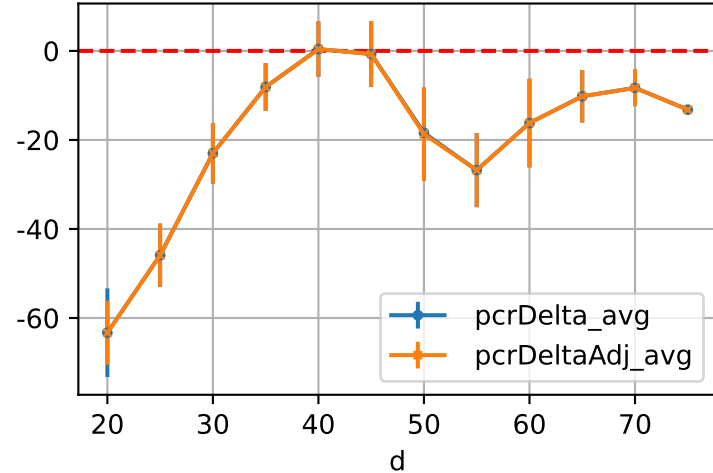
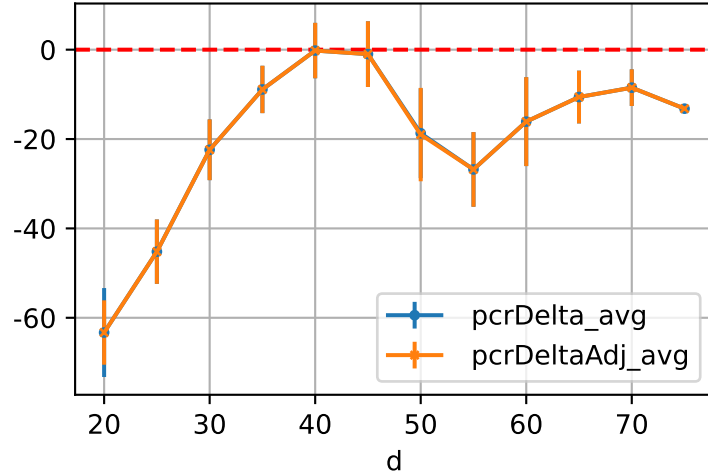
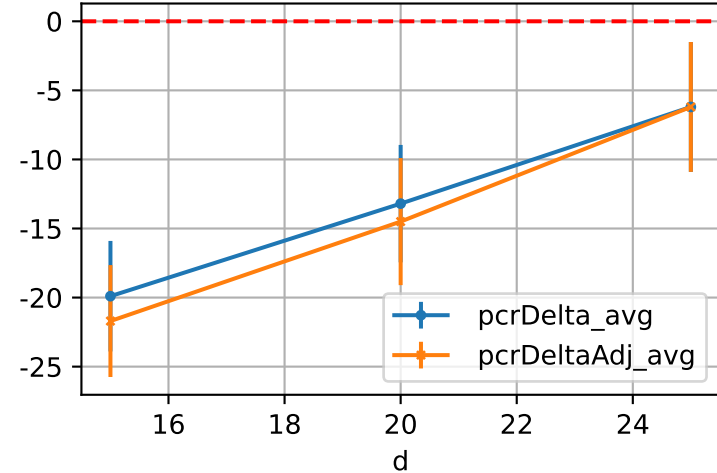
P10AE LfA: D_Est_LfA

DeltaTypeAbbr=GrpByAge

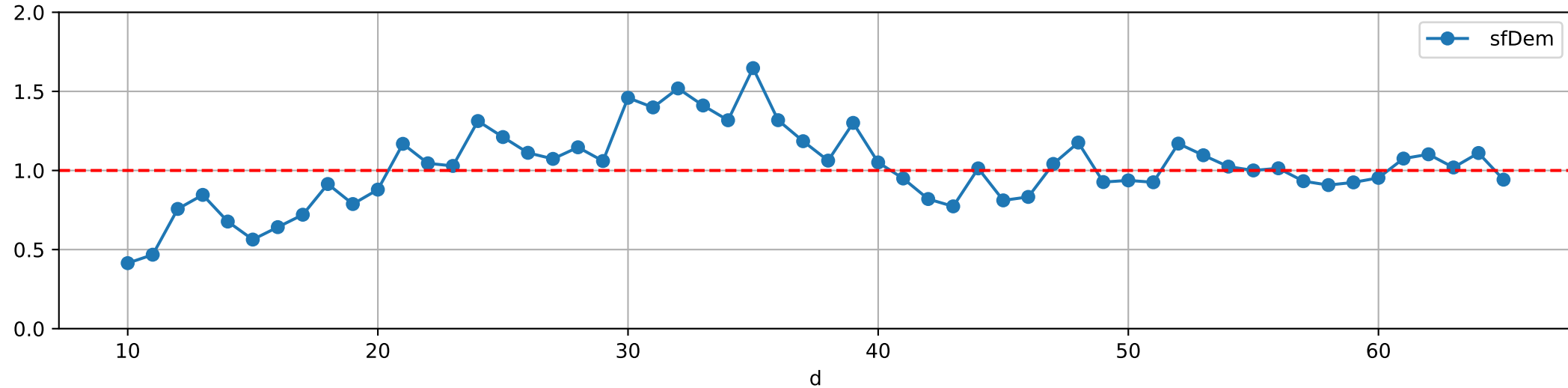
DeltaTypeAbbr=GrpByDay

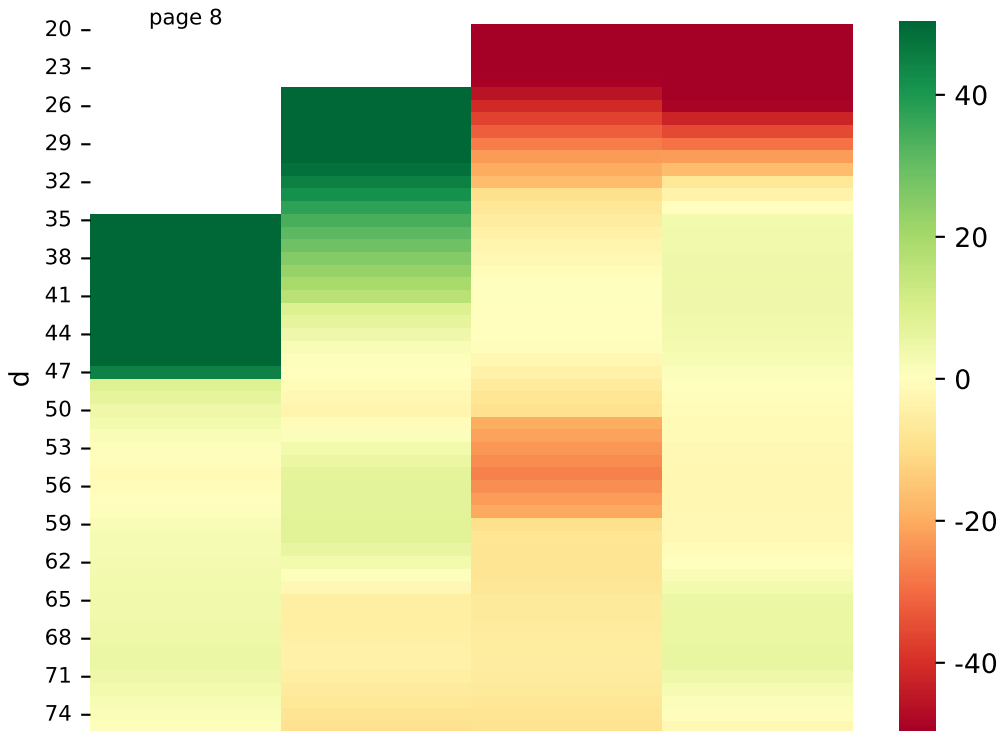
DeltaTypeAbbr=WeiAvgByD

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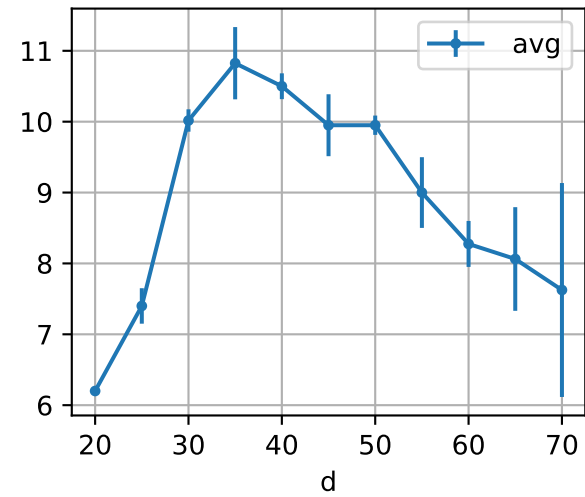
LfA: sfDem



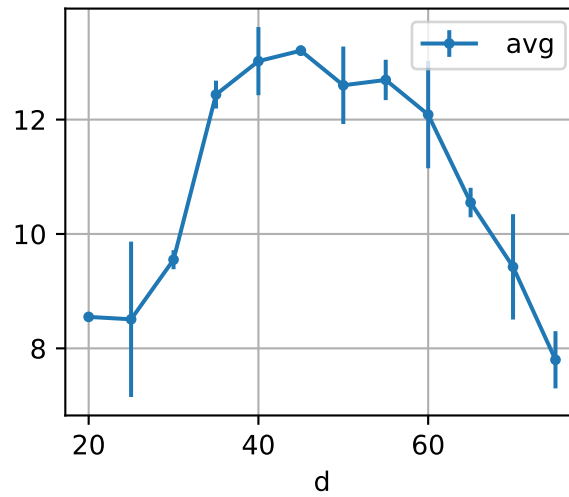


NdD: avg vs. d at each age group

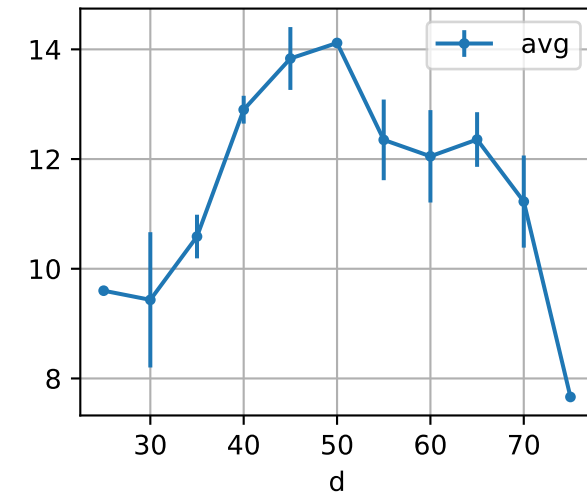
age=15



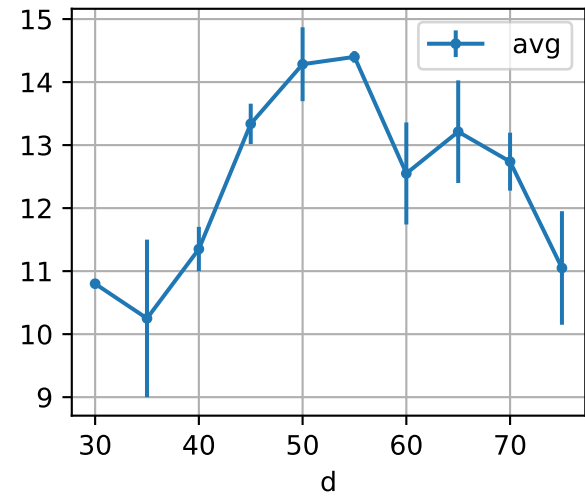
age=20



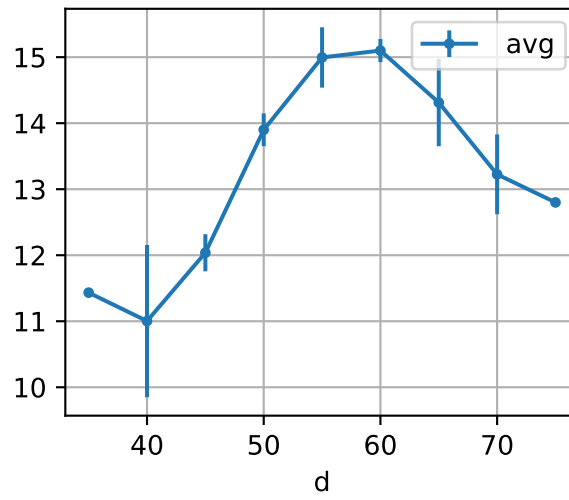
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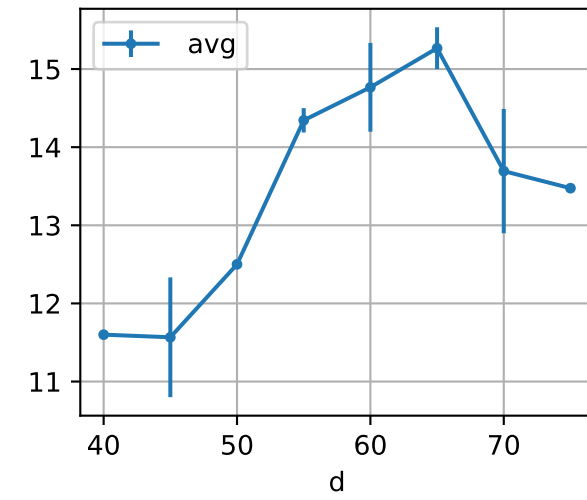
age=30



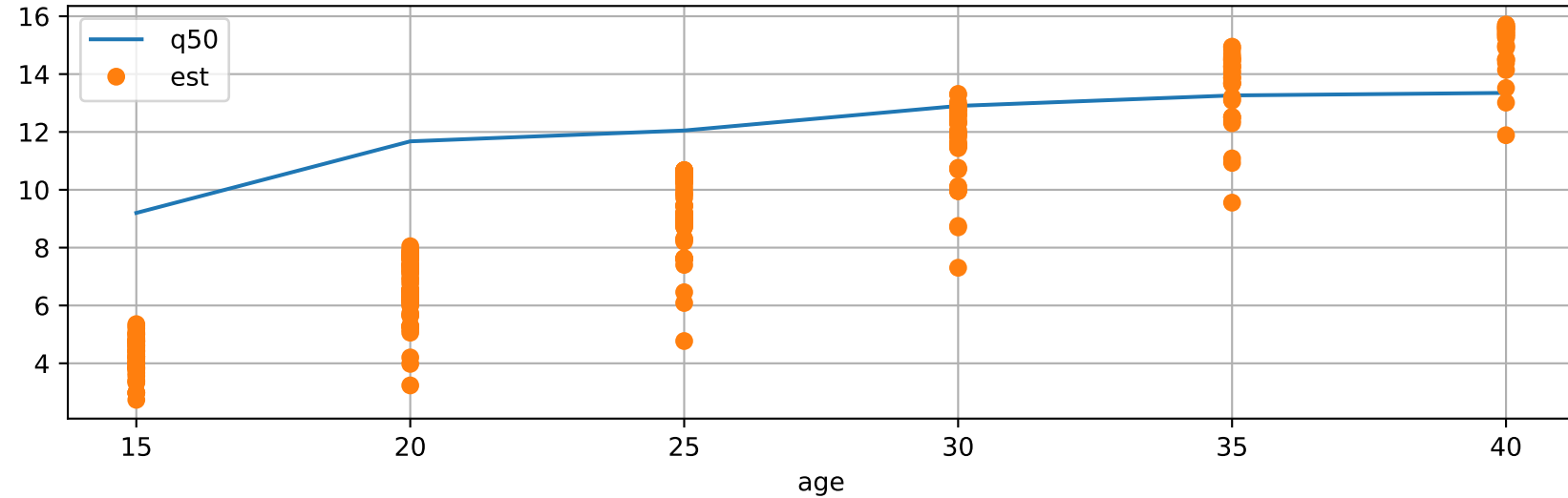
age=35



age=40



NdD: model est vs obsOv@Q50

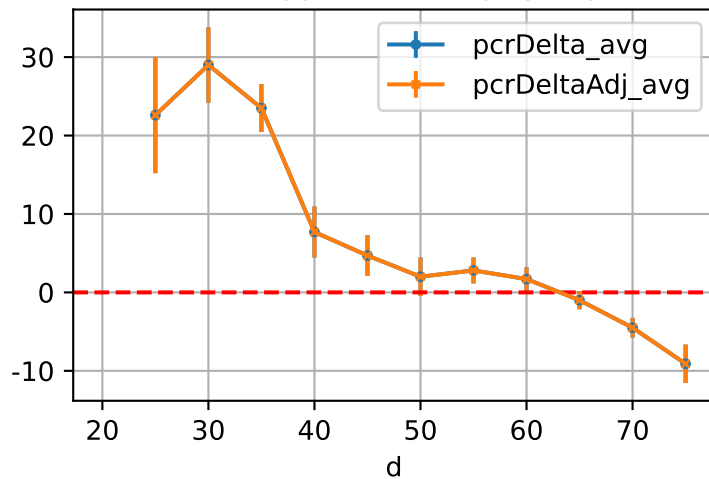
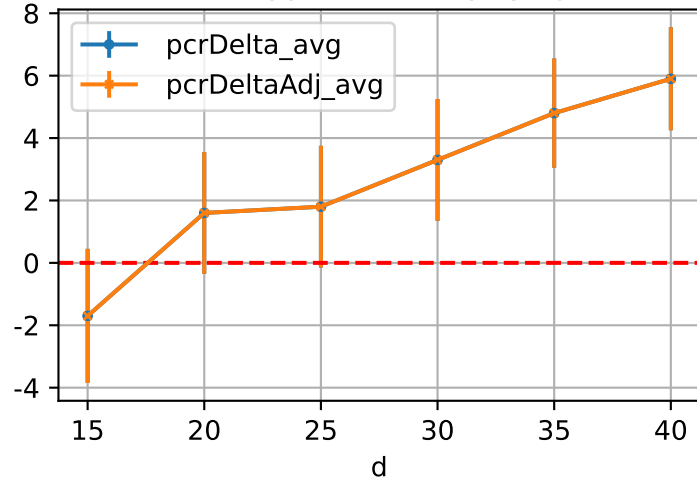


P10AE NdD: D_5d_NdD

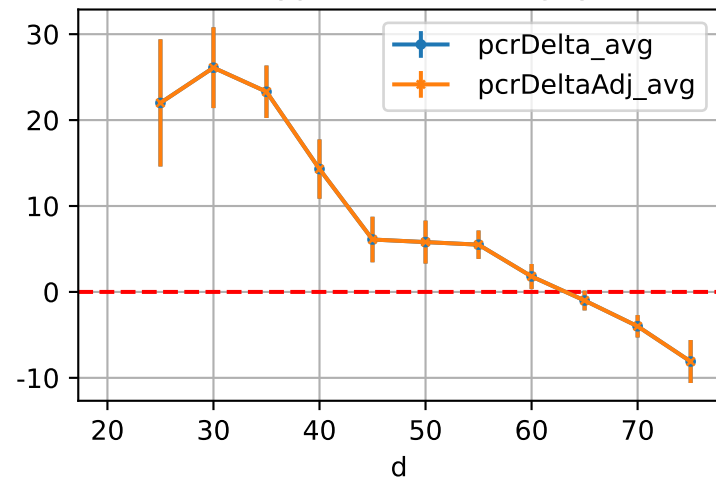
DeltaTypeAbbr=GrpByAge

DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD



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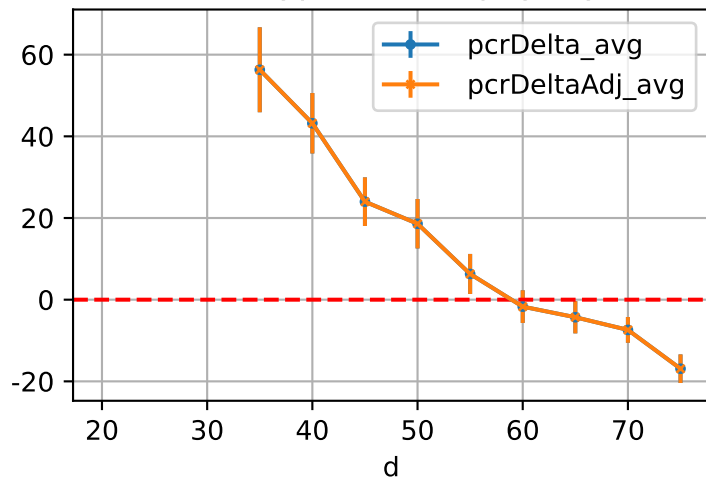
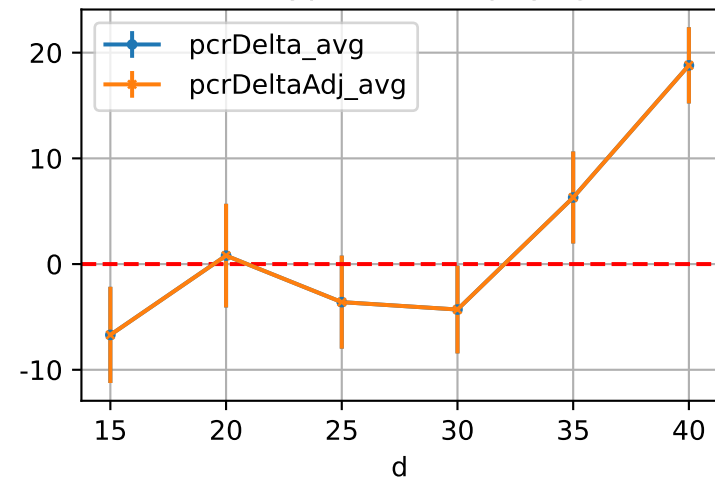


P10AE NdD: D_15d_NdD

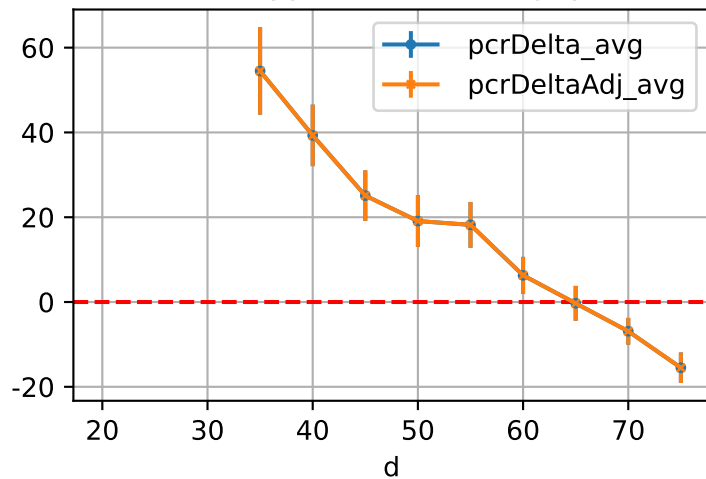
DeltaTypeAbbr=GrpByAge

DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD



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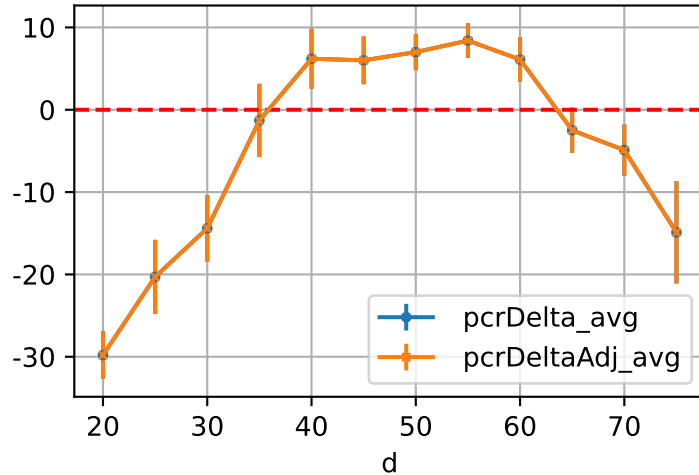
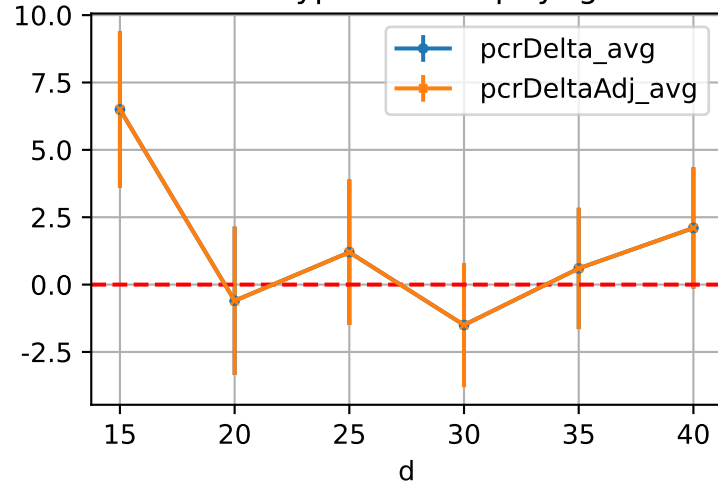


P10AE NdD: D_Q50_NdD

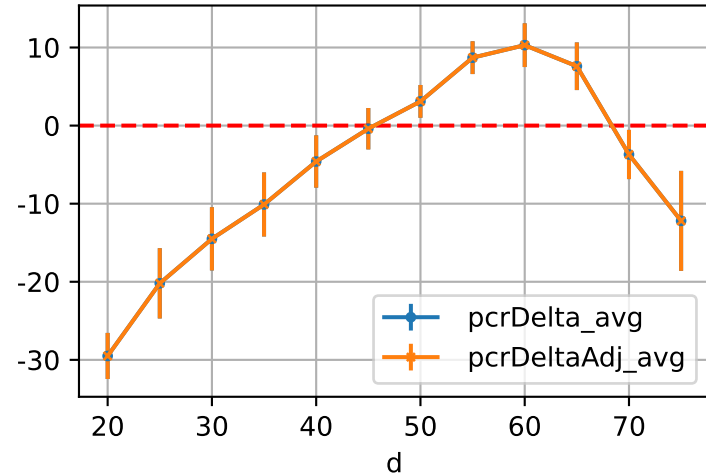
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DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

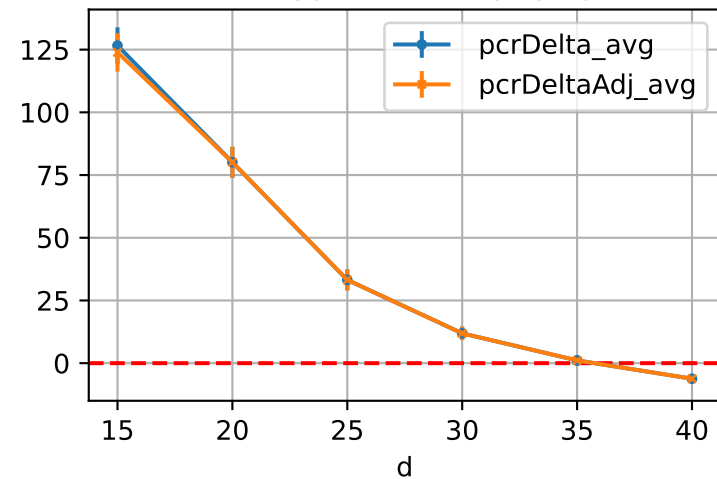


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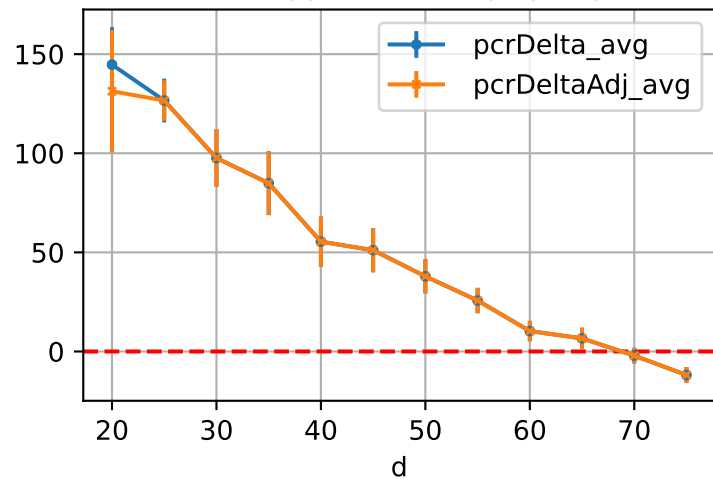


P10AE NdD: D_Est_NdD

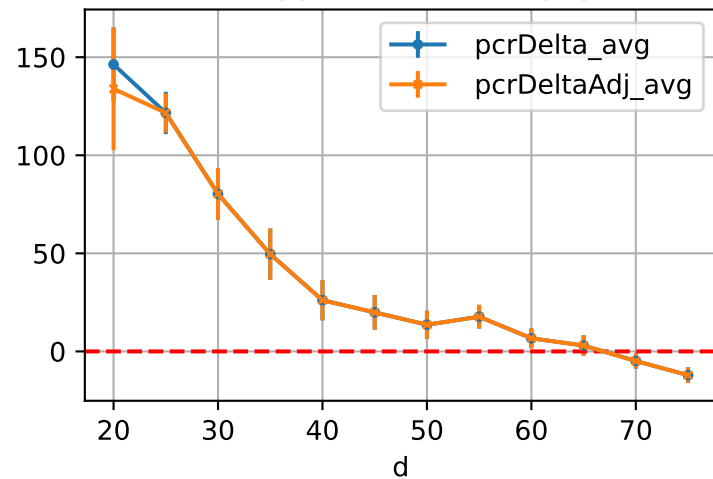
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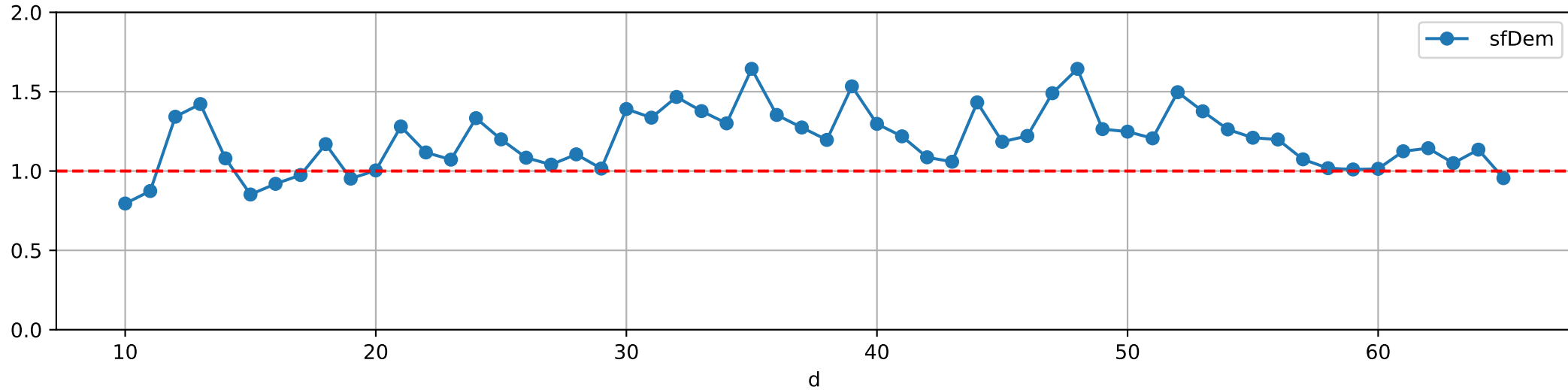
DeltaTypeAbbr=GrpByDay

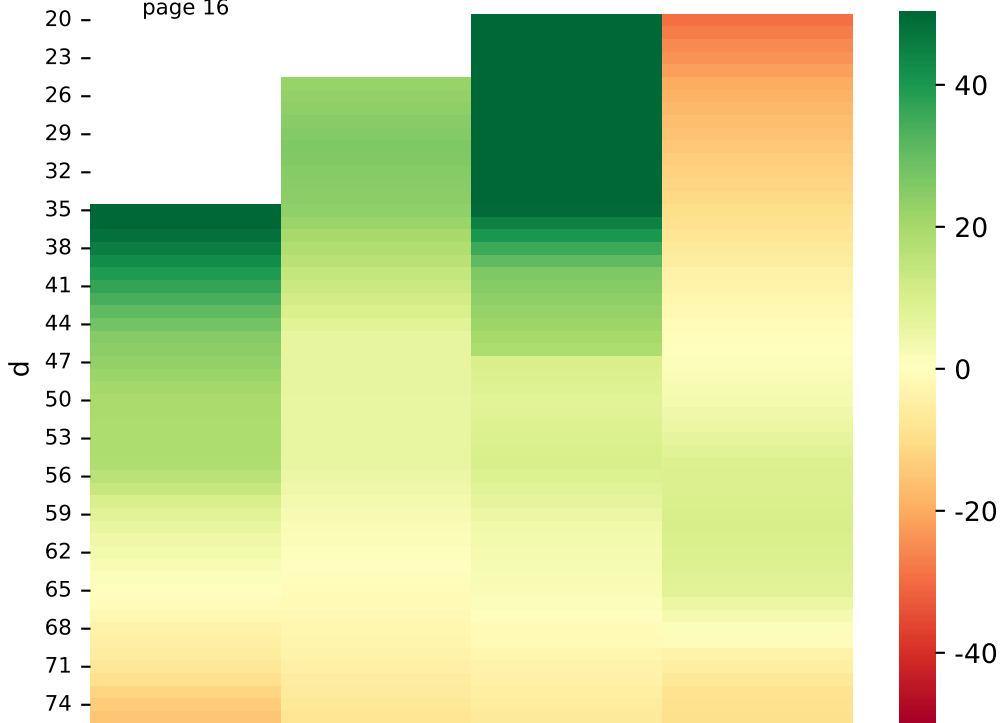


DeltaTypeAbbr=WeiAvgByD

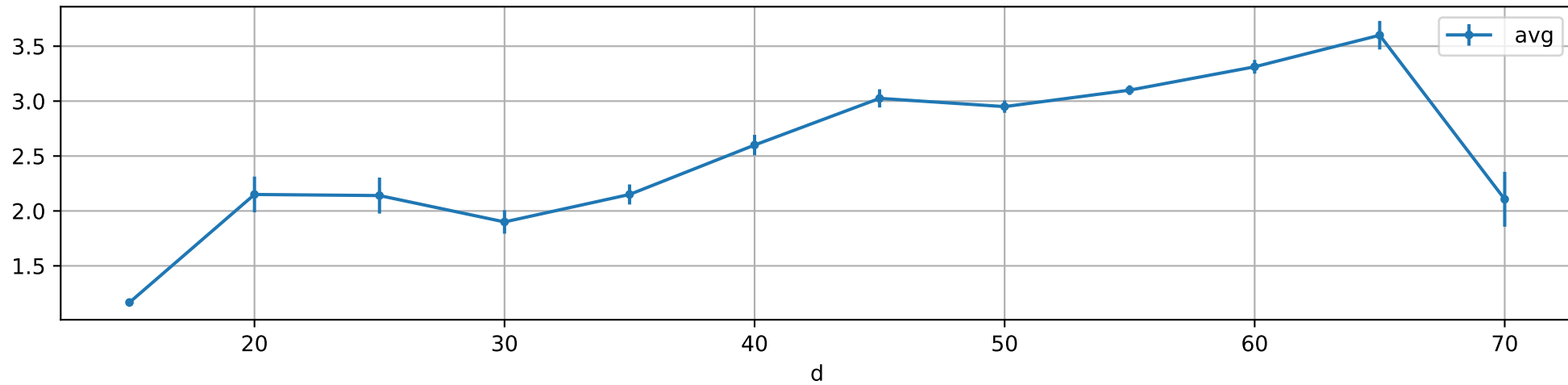


NdD: sfDem

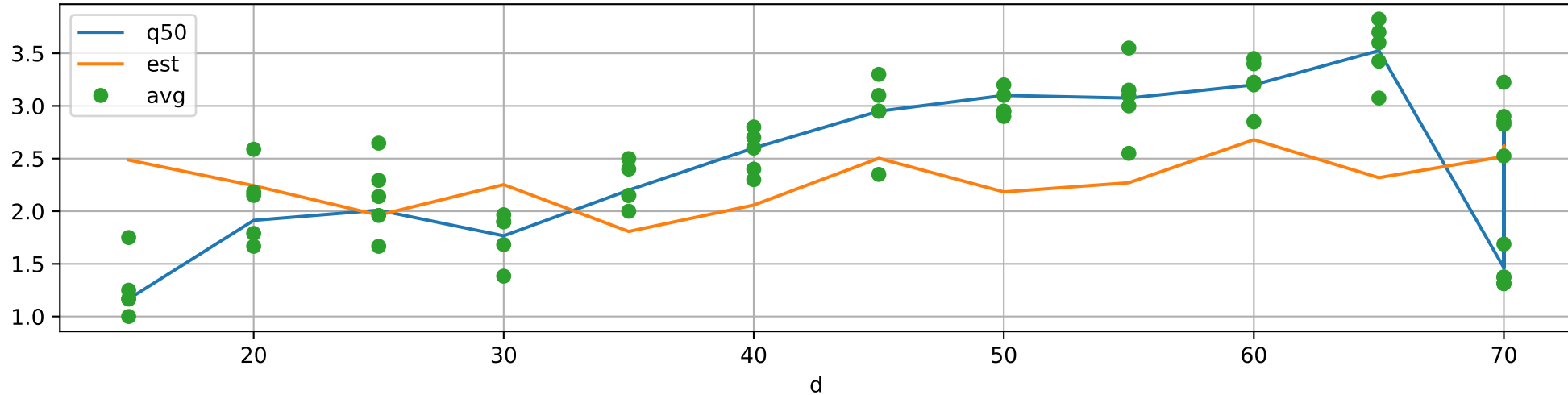




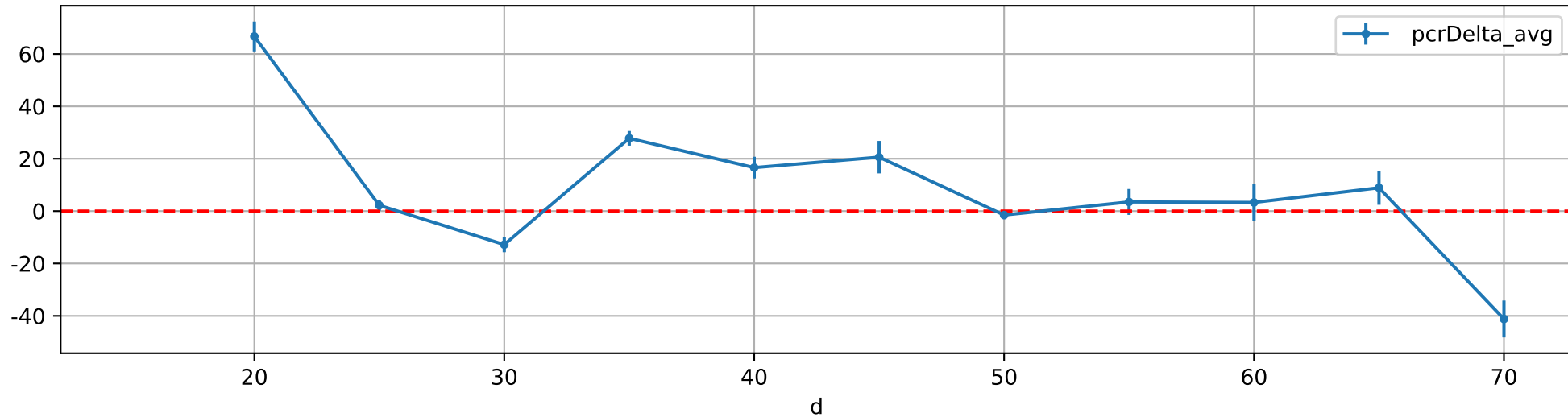
dStH: avg vs. d



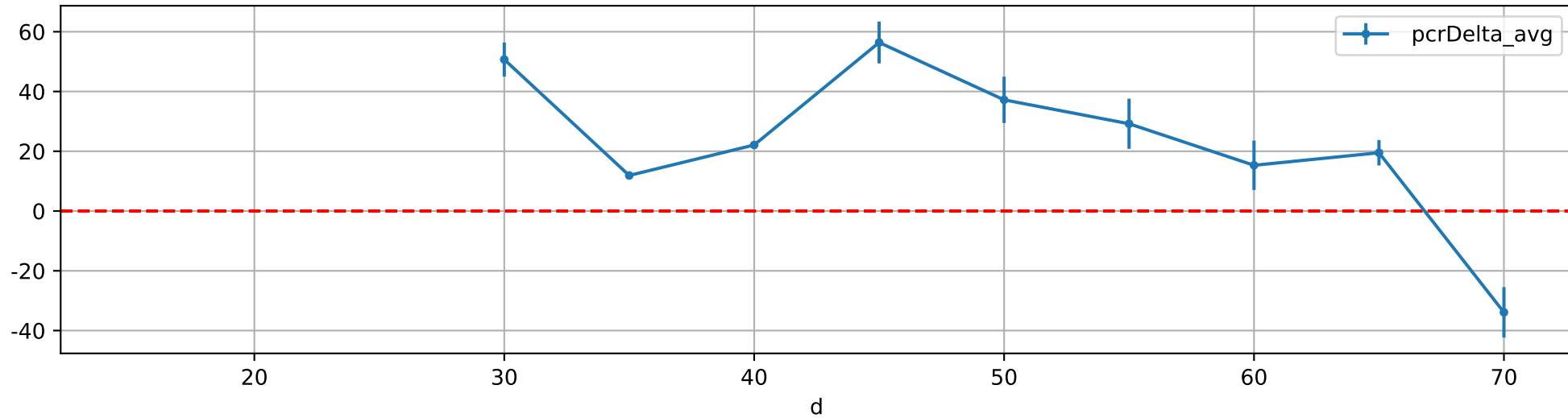
dStH: obsAvg vs obsOv@Q50



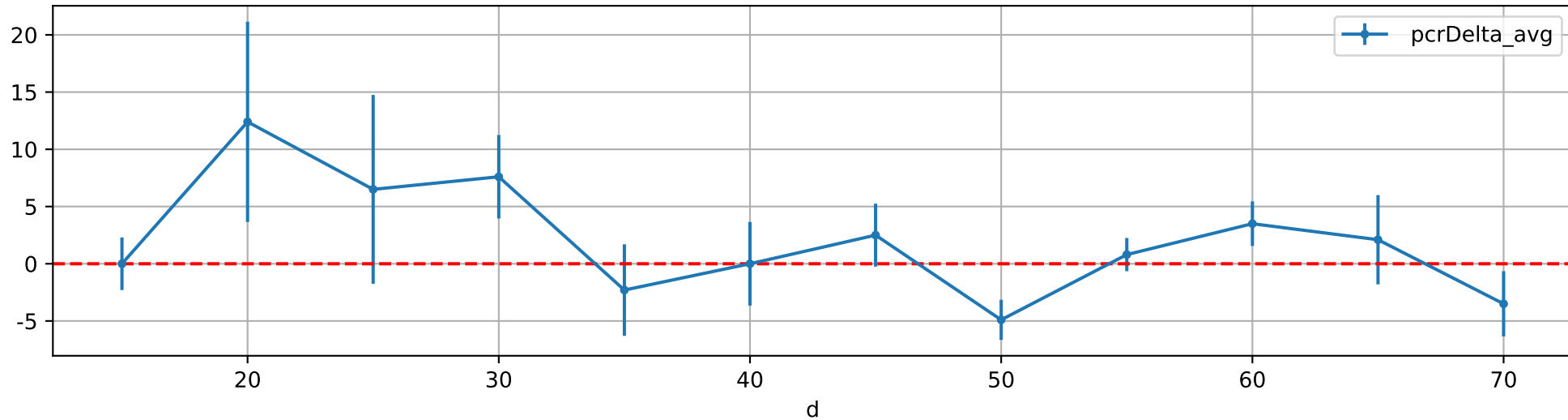
dStH: D_5d_StH



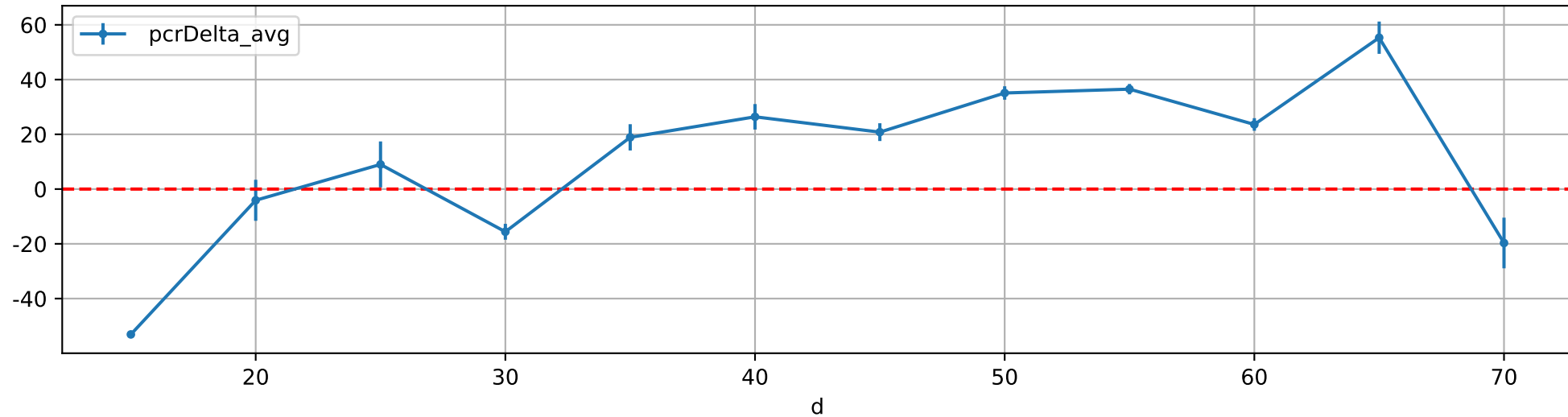
dStH: D_15d_StH



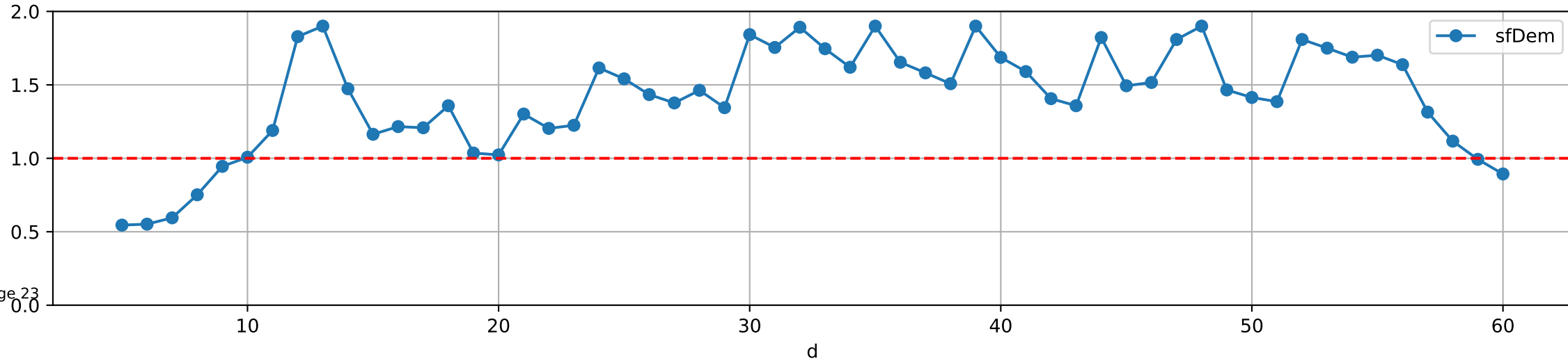
dStH: D_Q50_StH

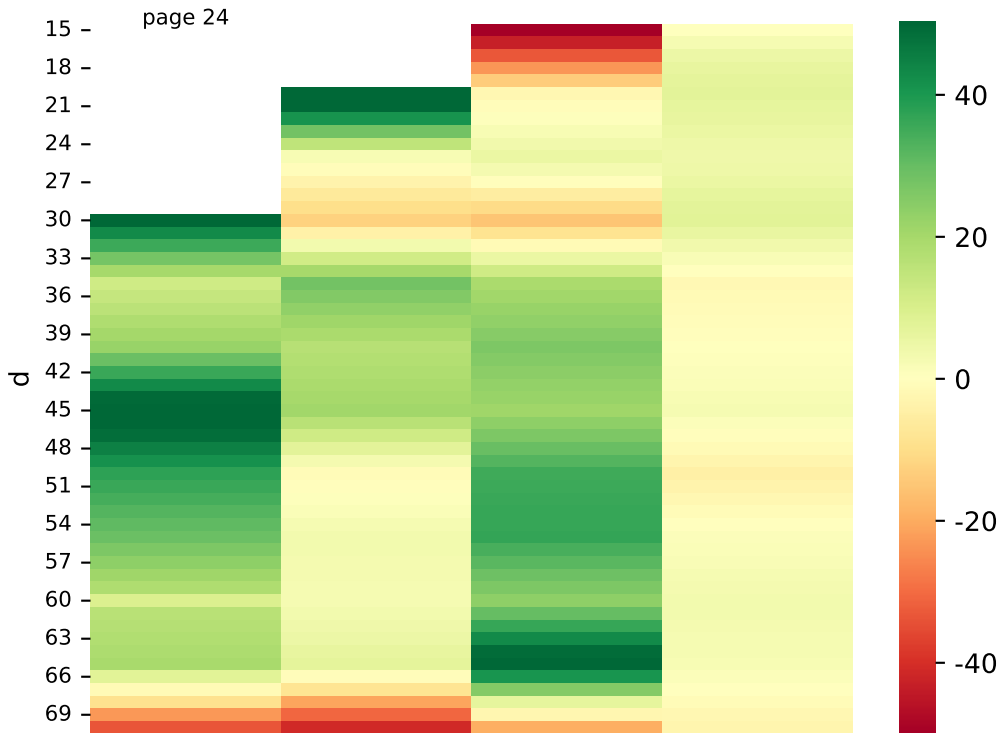


dStH: D_Est_StH



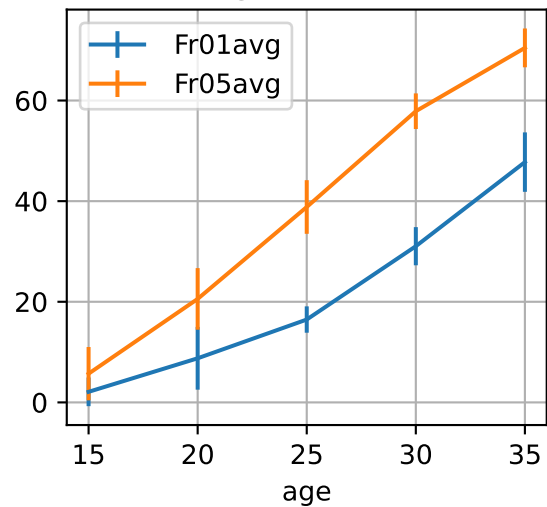
dStH: sfDem



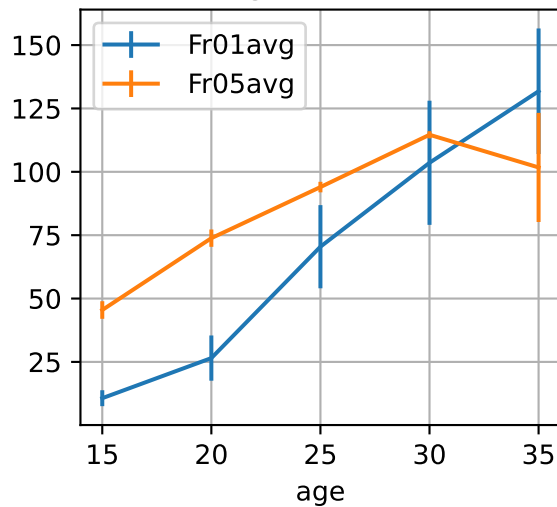


FrV: Fr01 vs Fr05 at each truss

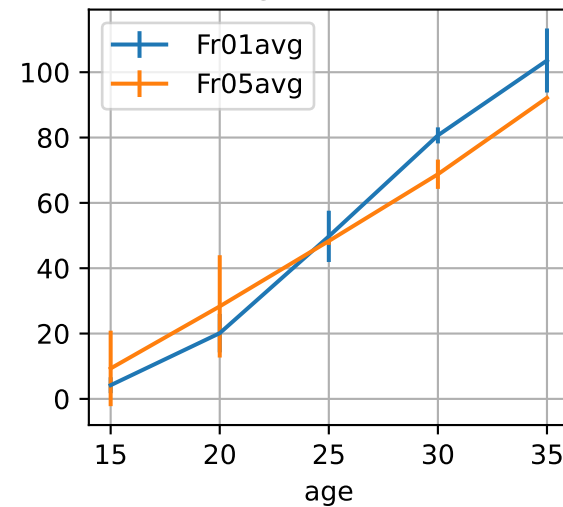
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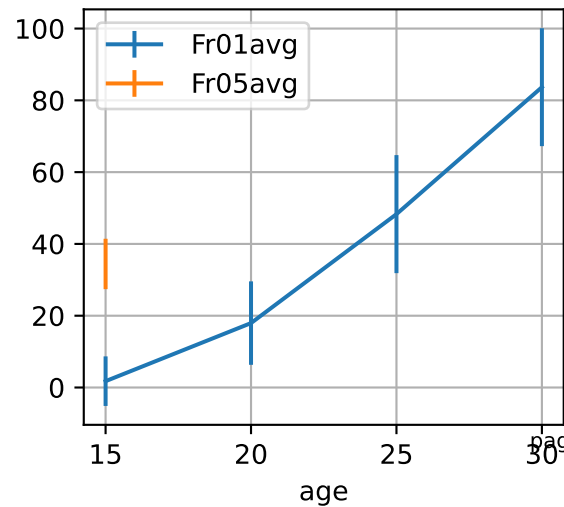
organID=T02



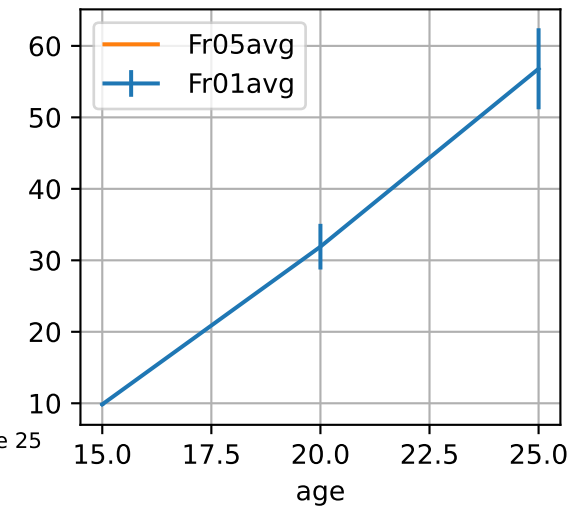
organID=T03



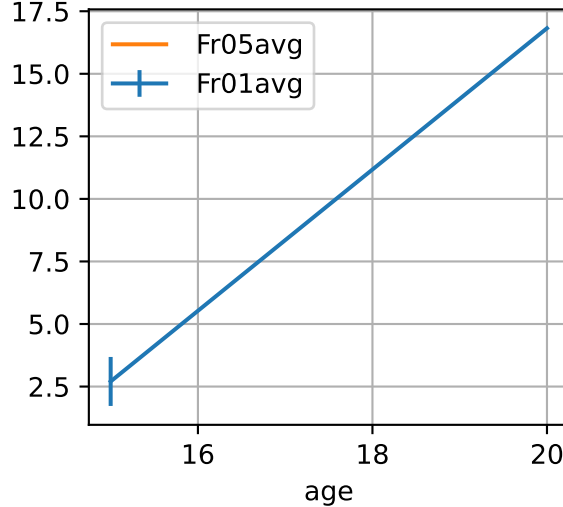
organID=T04



organID=T05

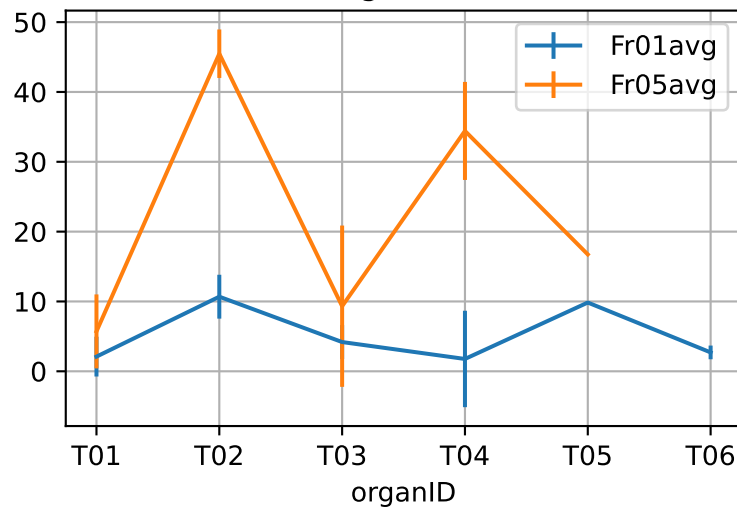


organID=T06

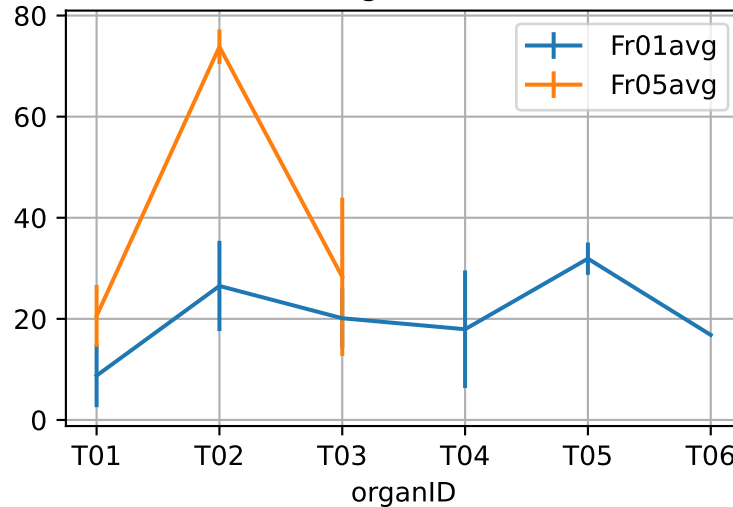


FrV trend at each age

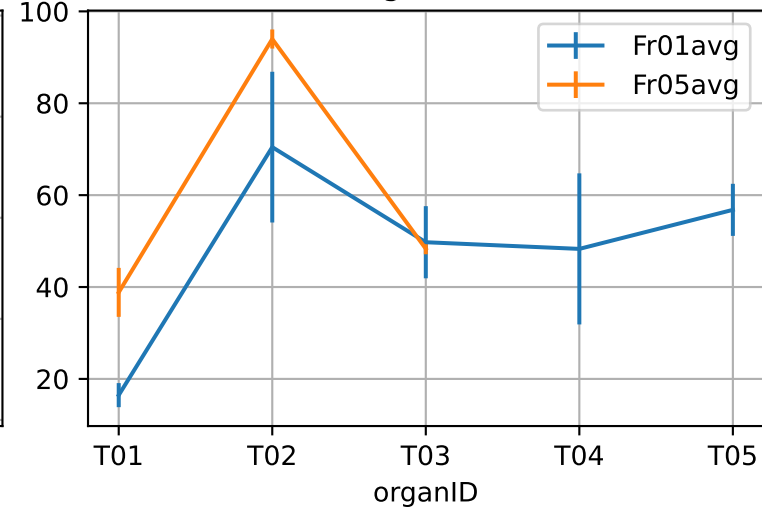
age=15



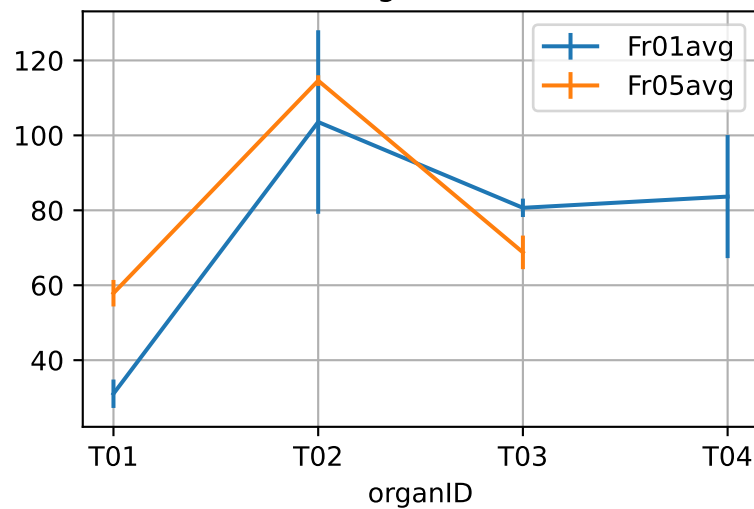
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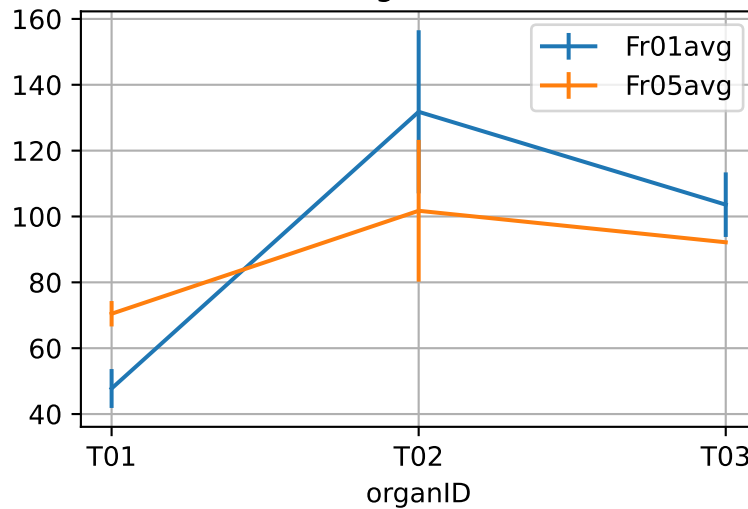
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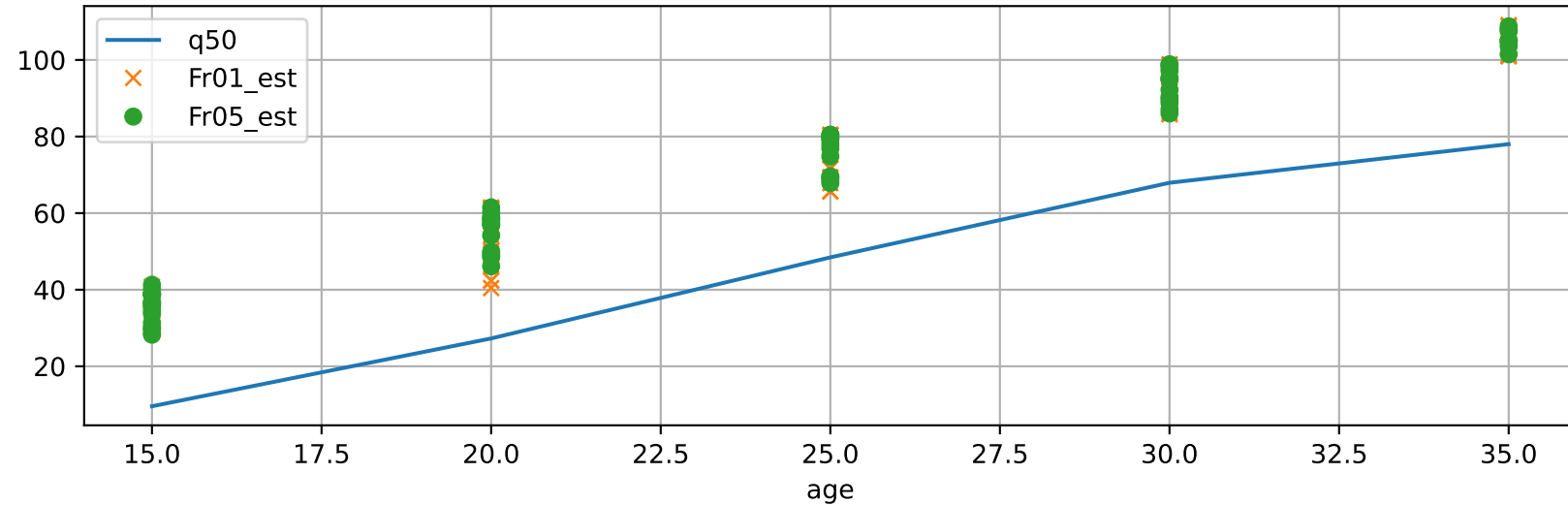
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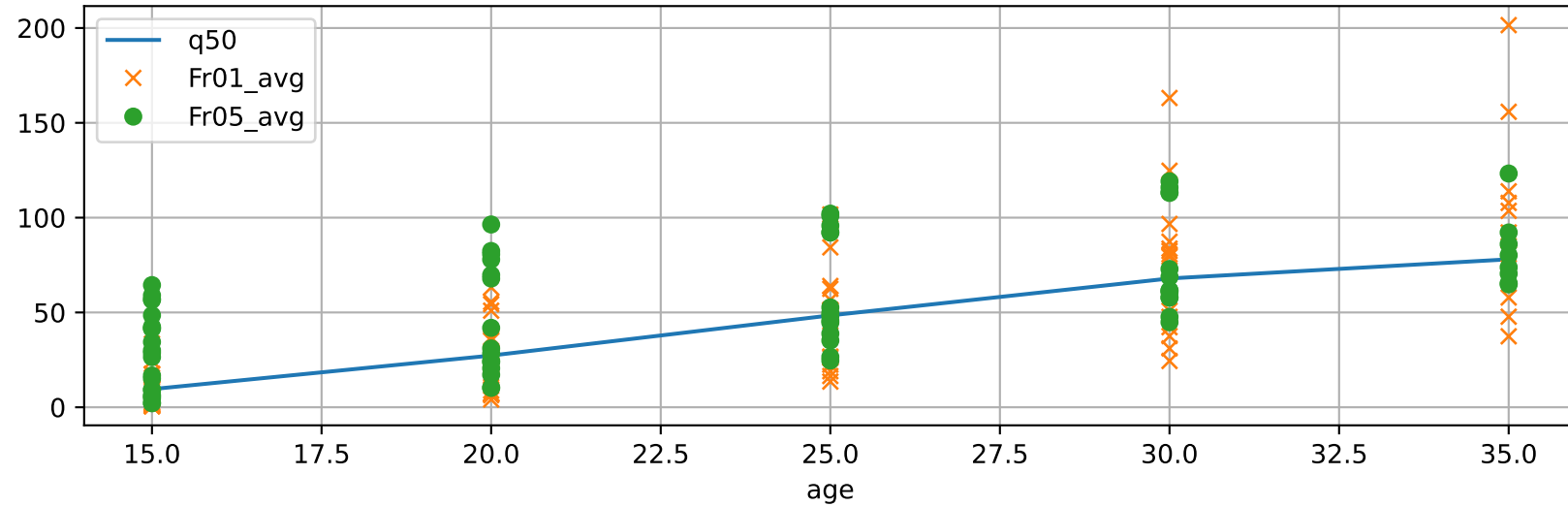
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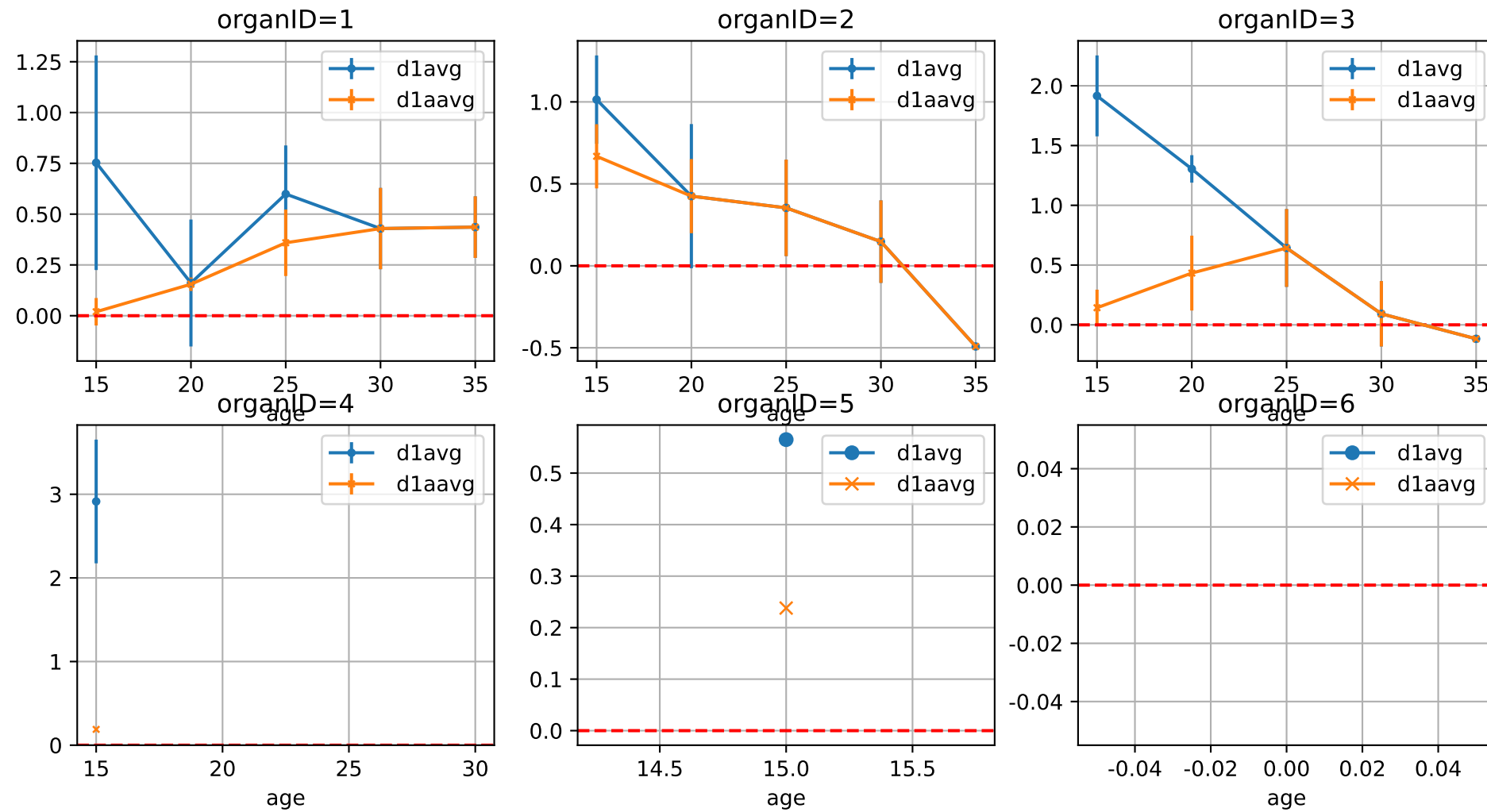


FrV: model Est vs obsFrV at Q90

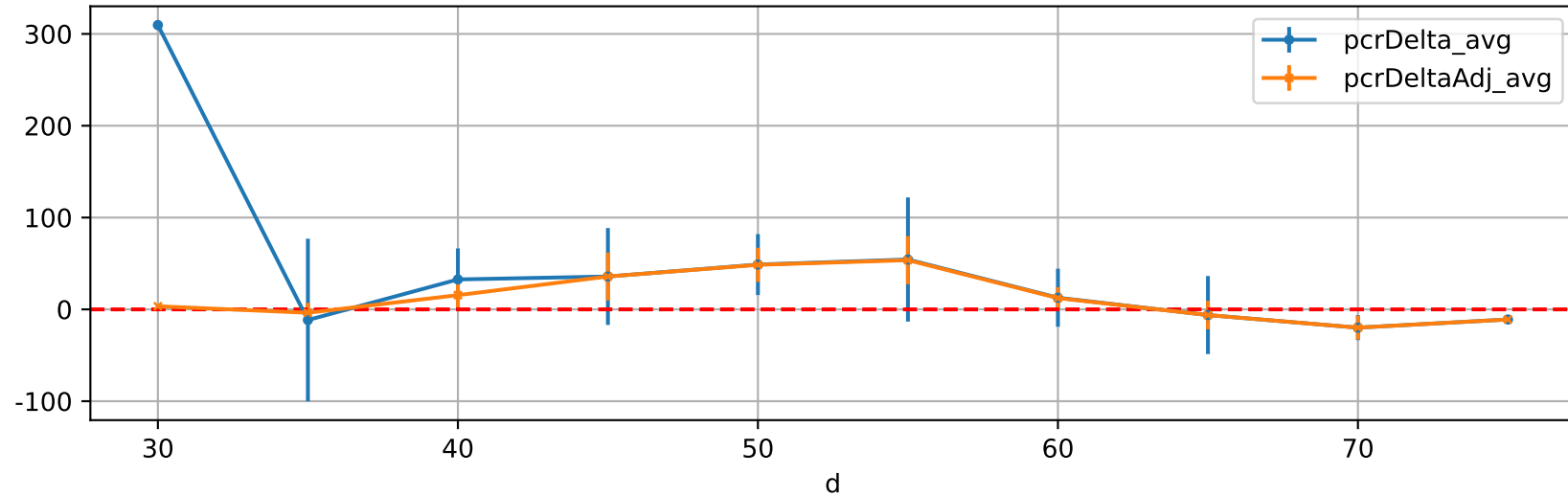


FrV: obsFrV vs obsFrV@Q90

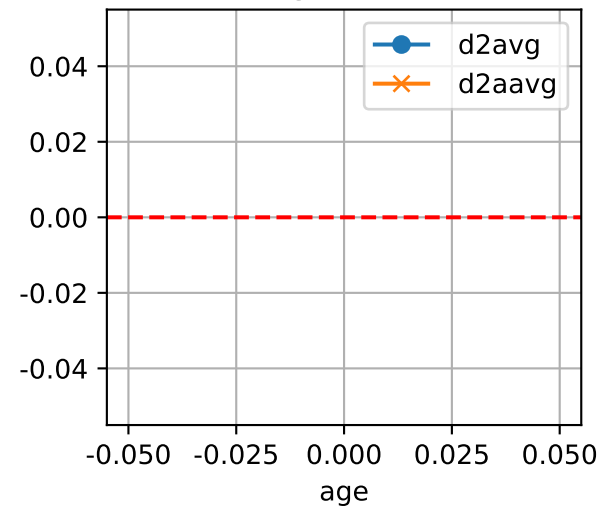




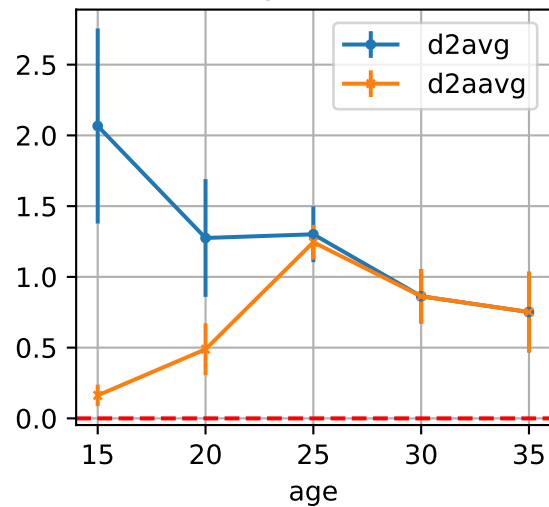
P10AE FrV: D_Fr1_FrV



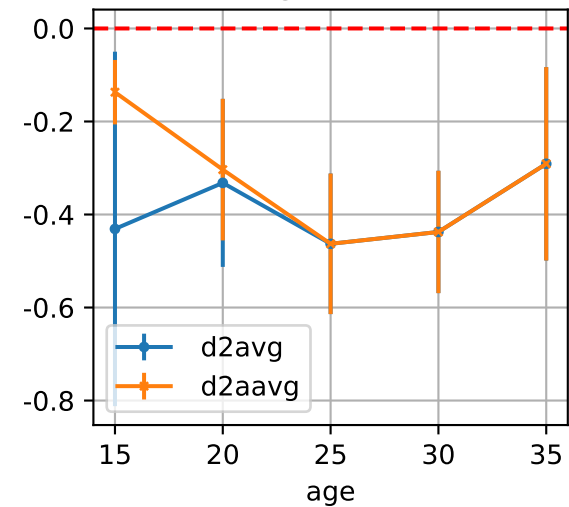
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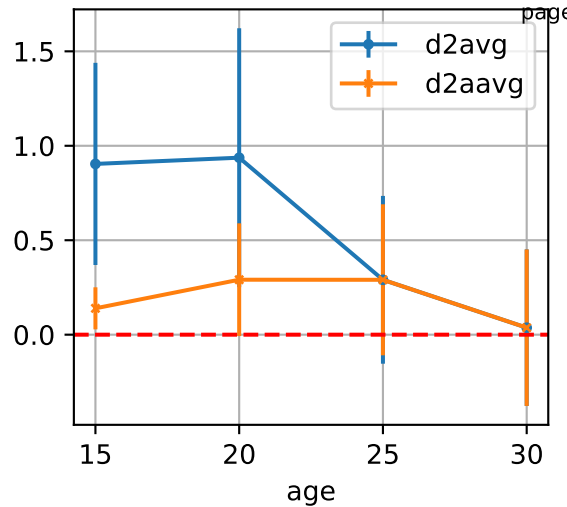
organID=2



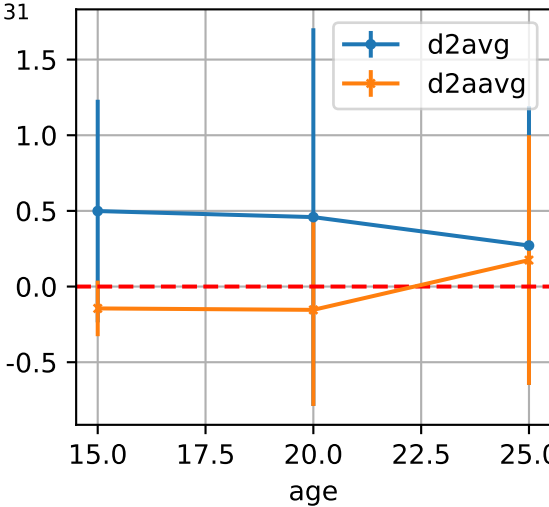
organID=3



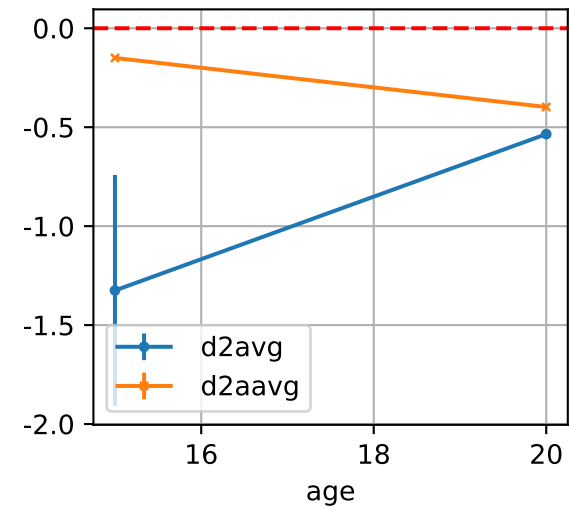
organID=4



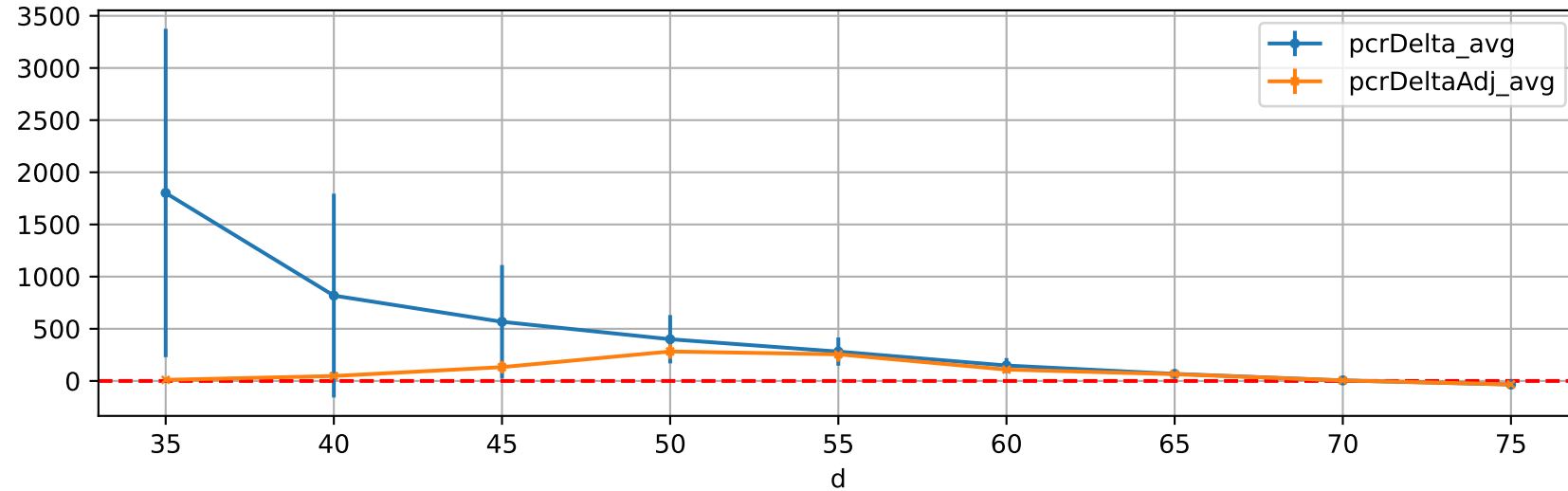
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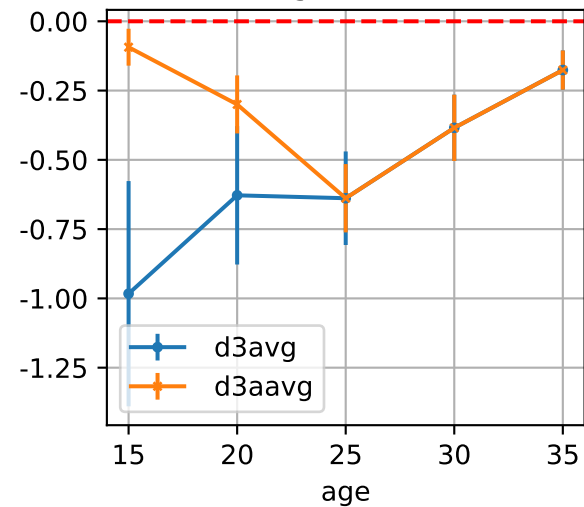
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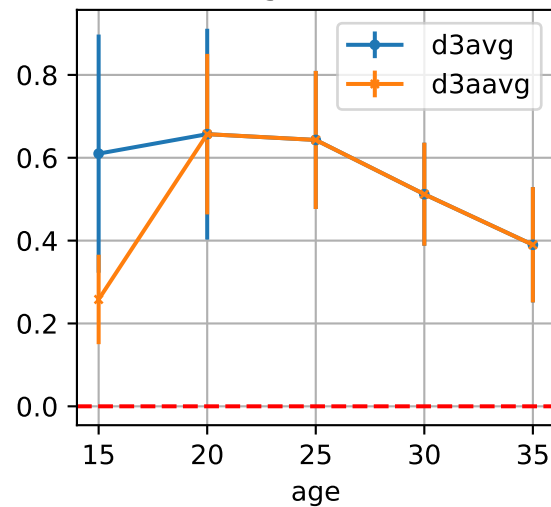
P10AE FrV: D_Ts_FrV



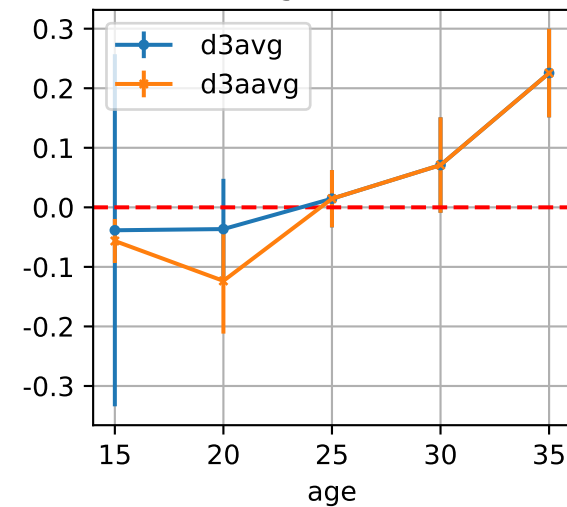
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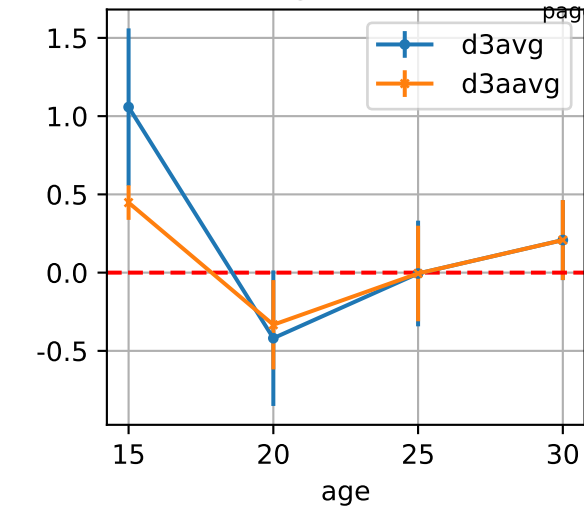
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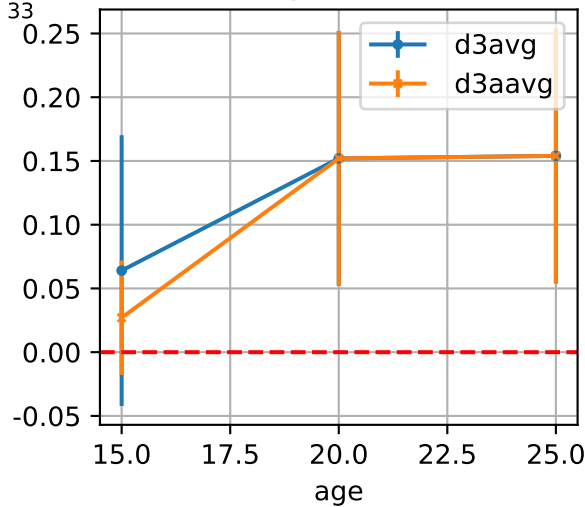
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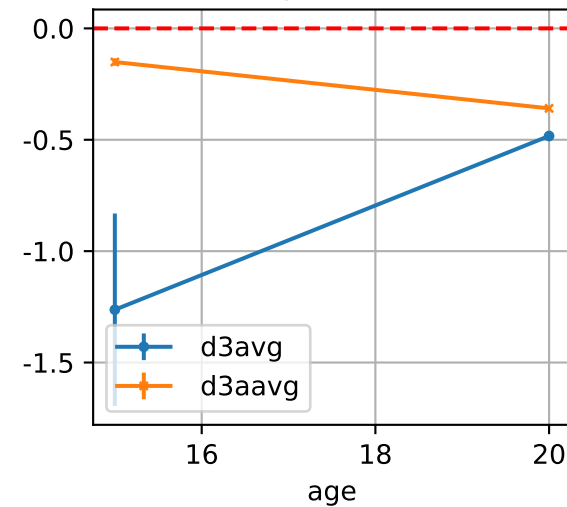
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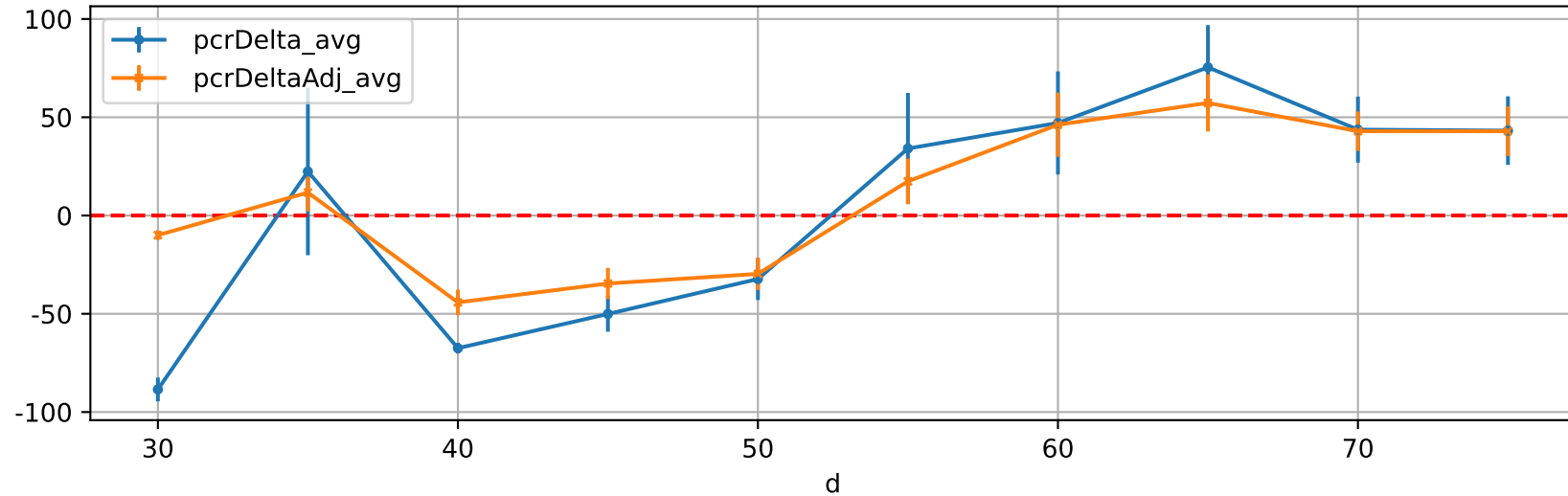
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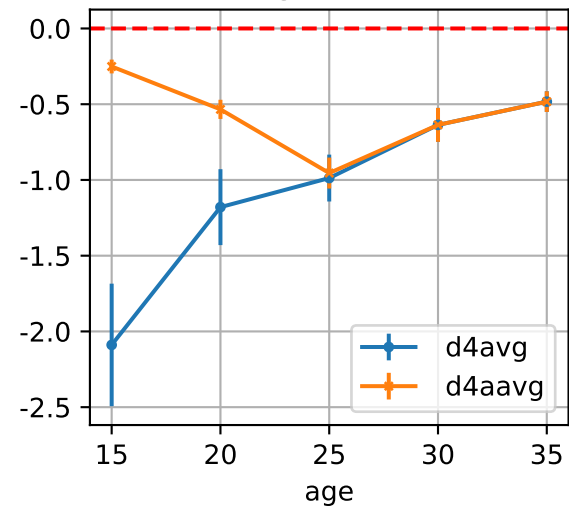
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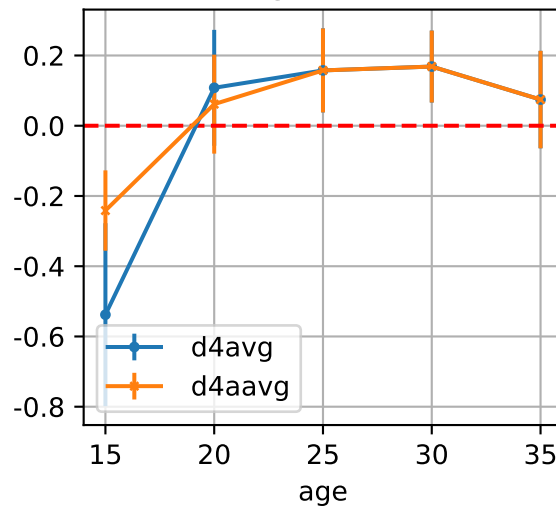
P10AE FrV: D_Q50_FrV



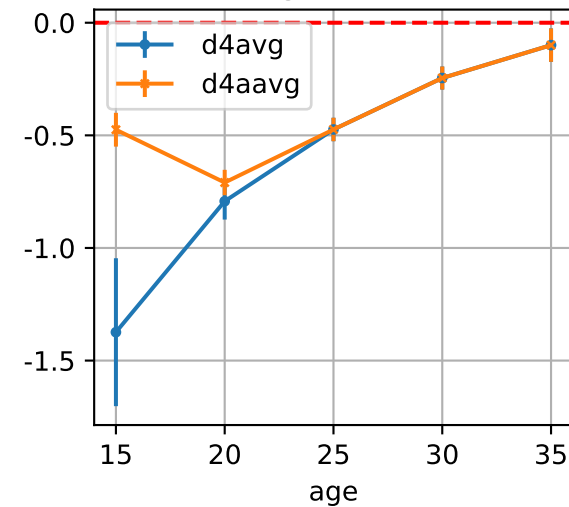
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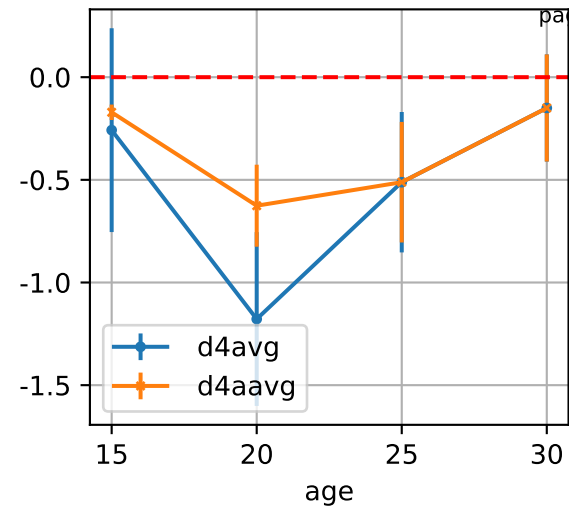
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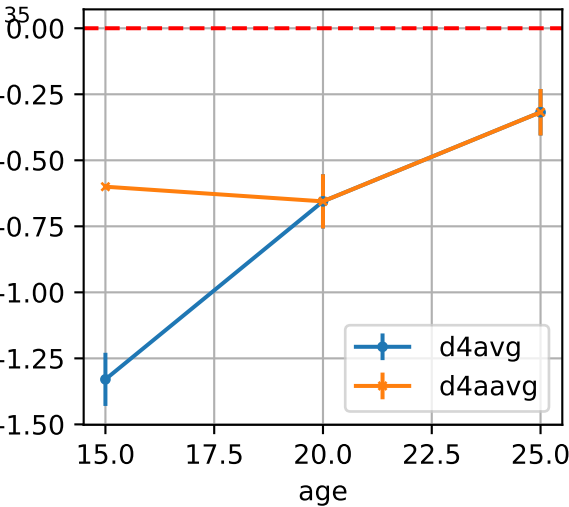
organID=3



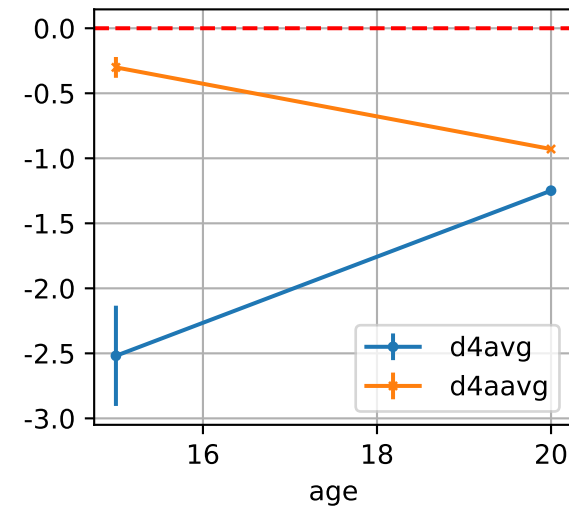
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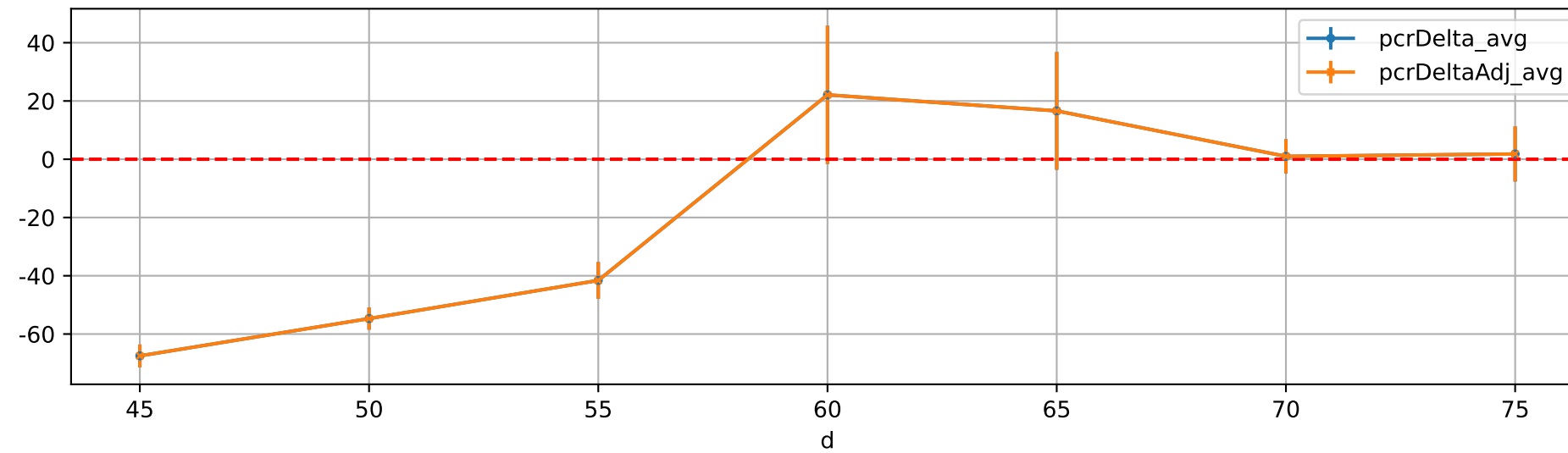
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organID=6



P10AE FrV: D_Est_FrV



P10AE FrV: sfDem

