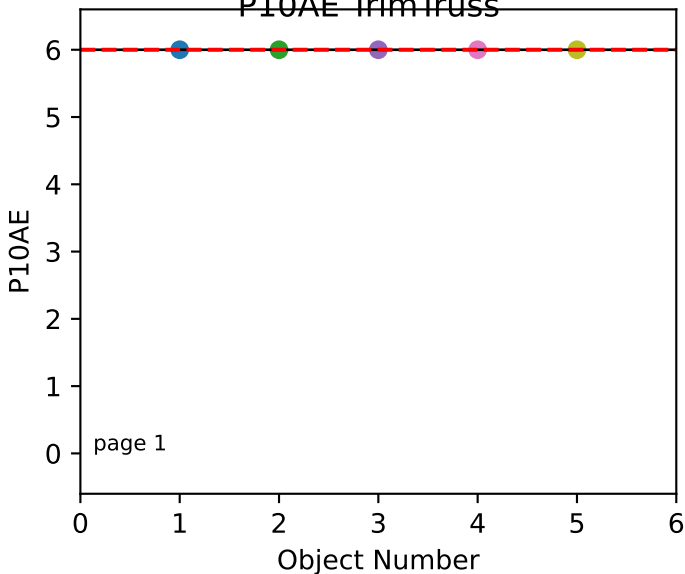


Phenotype Data Analysis Plots
PhenoData day range = 10 - 62
Analysis cutoff day = 62
NC11 P10
2025-06-02 (Day 63)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0 ~0% avg2=na

P10AE Trim Truss



FruitNumAvgPerTruss (Def=15 Set=4)

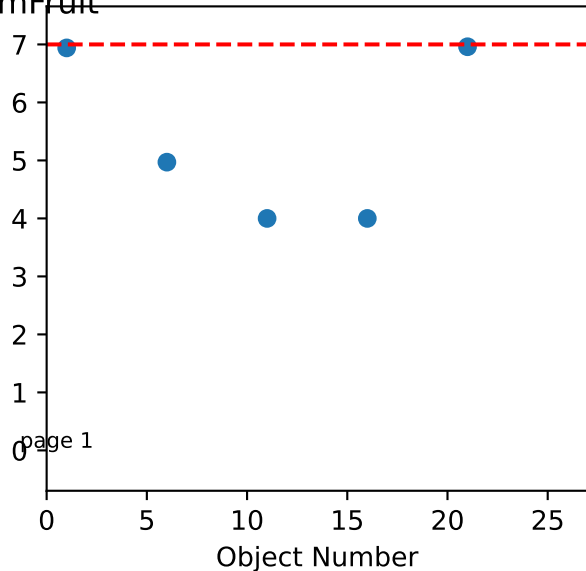
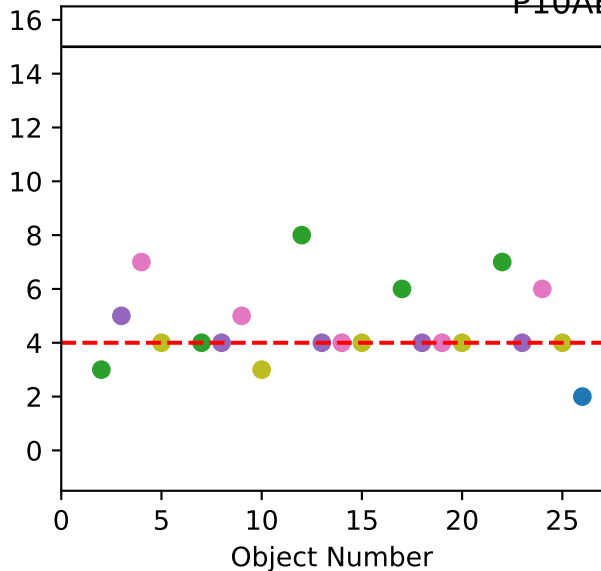
avg1=4.0~21% avg2=na

P10AE TrimFruit

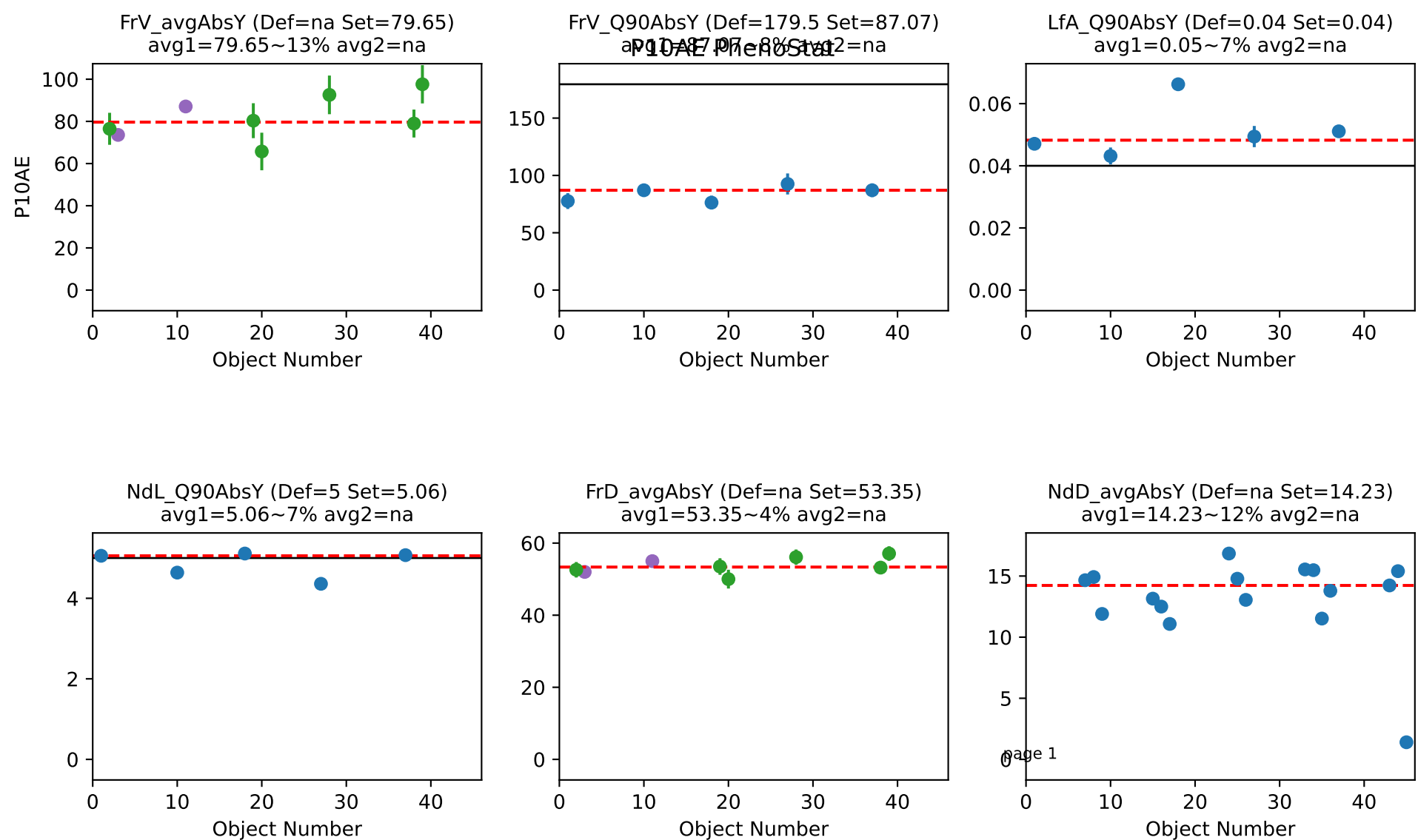
FruitNumMaxPerTruss (Def=na Set=7)

avg1=7.0~21% avg2=na

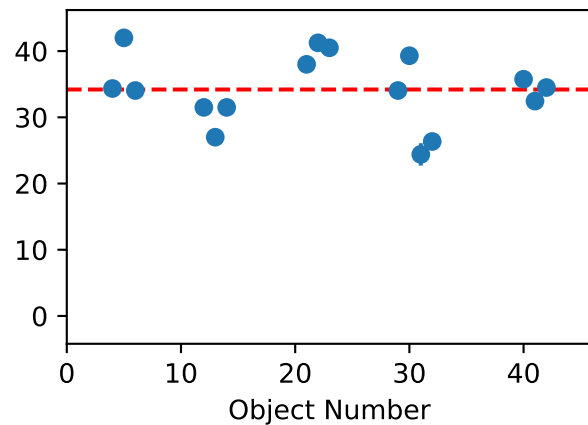
P10AE



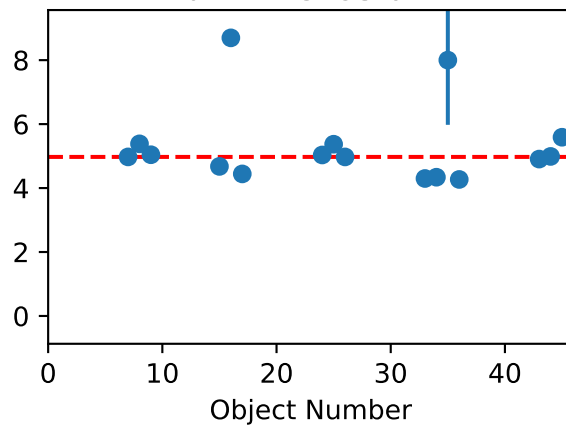
page 1



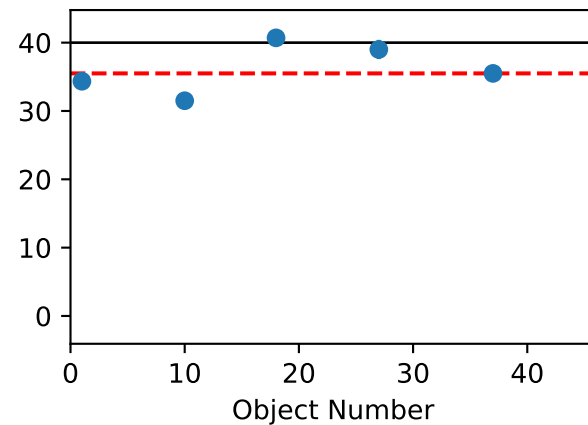
LfL_avgAbsY (Def=na Set=34.2)
avg1=34.2~15% avg2=na



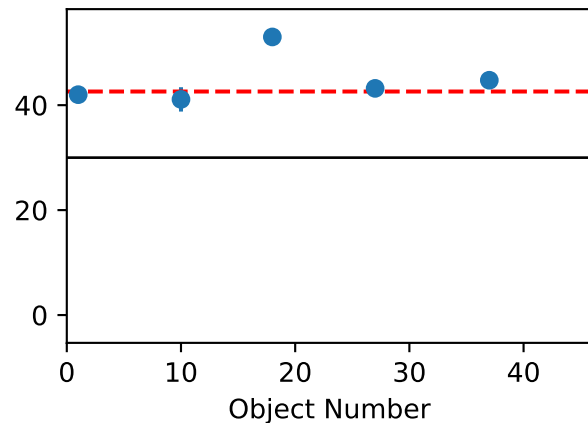
NdL_avgAbsY (Def=na Set=4.97)
avg1=4.97~8% avg2=na



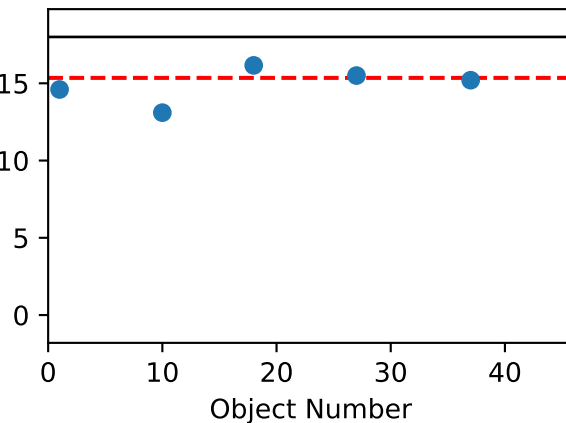
LfL_Q90AbsY (Def=40 Set=35.5)
avg1=35.5~10% avg2=na



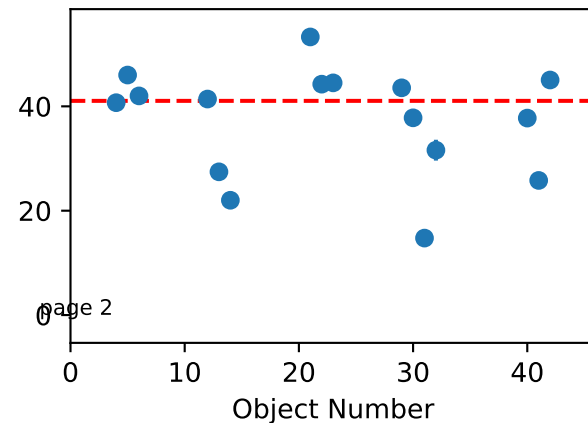
LfW_Q90AbsY (Def=30 Set=42.6)
avg1=42.6~4% avg2=na



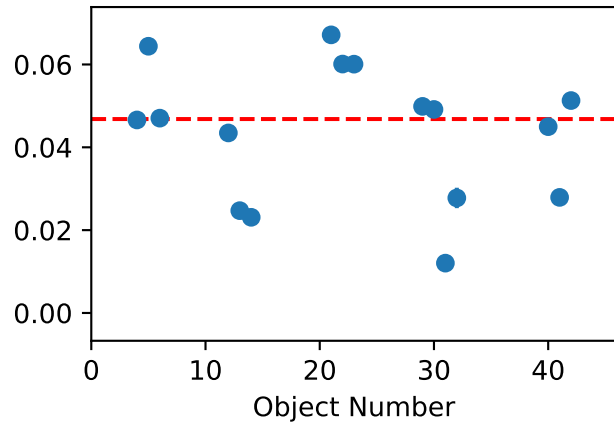
NdD_Q90AbsY (Def=18 Set=15.35)
avg1=15.35~4% avg2=na



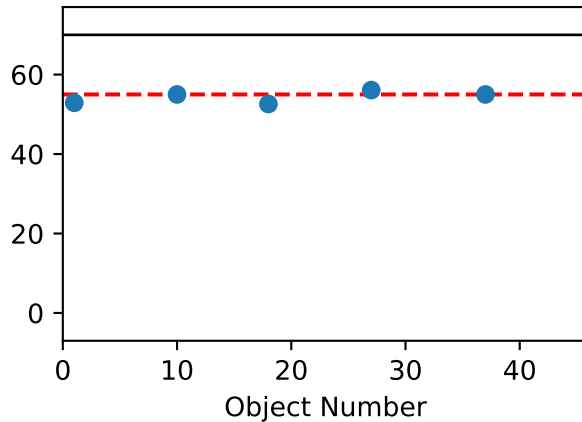
LfW_avgAbsY (Def=na Set=41.05)
avg1=41.05~25% avg2=na



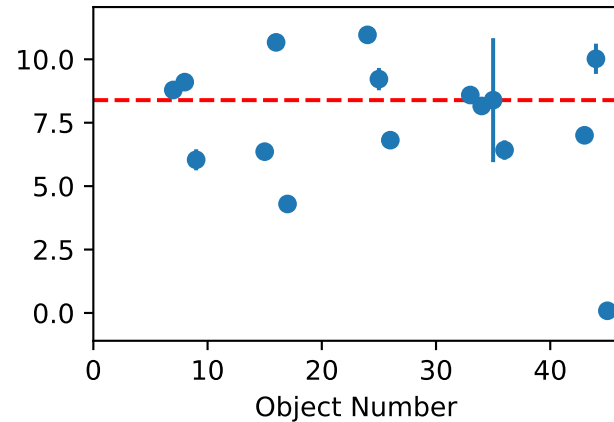
LfA_avgAbsY (Def=na Set=0.05)
avg1=0.05~35% avg2=na



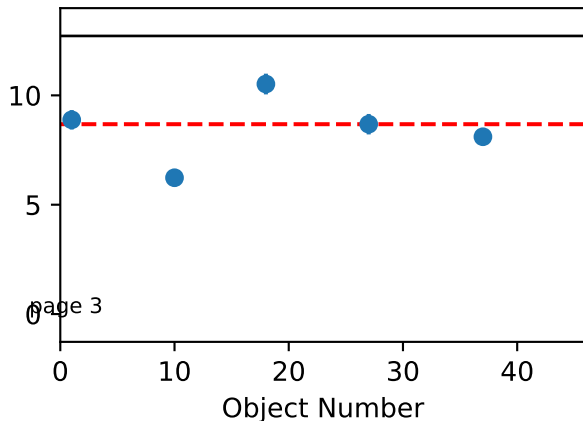
FrD_Q90AbsY (Def=70 Set=55.0)
avg1=55.0~71% avg2=na



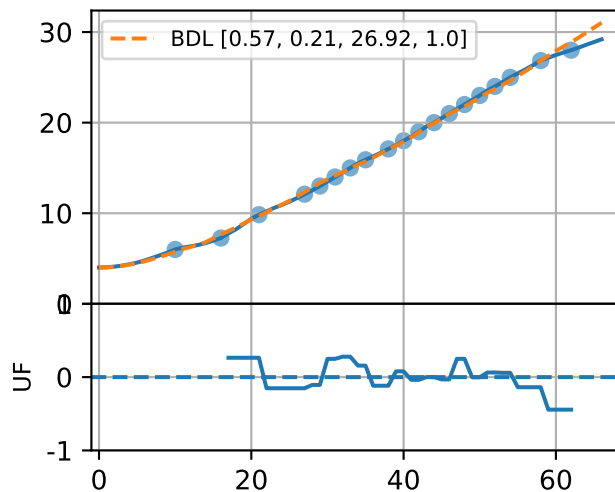
NdV_avgAbsY (Def=na Set=8.39)
avg1=8.39~22% avg2=na



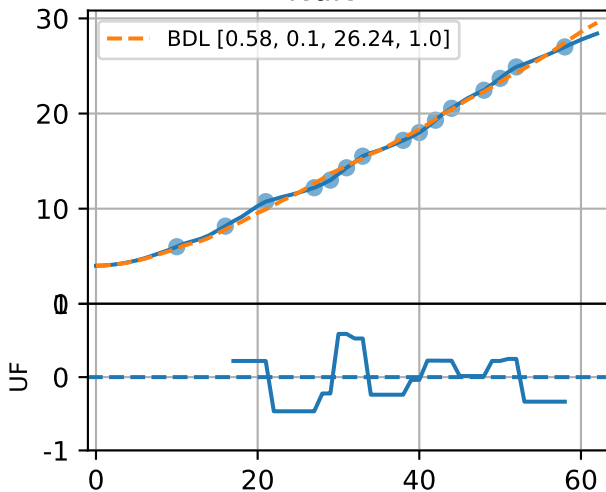
NdV_Q90AbsY (Def=12.72 Set=12.72)
avg1=8.68~5% avg2=na



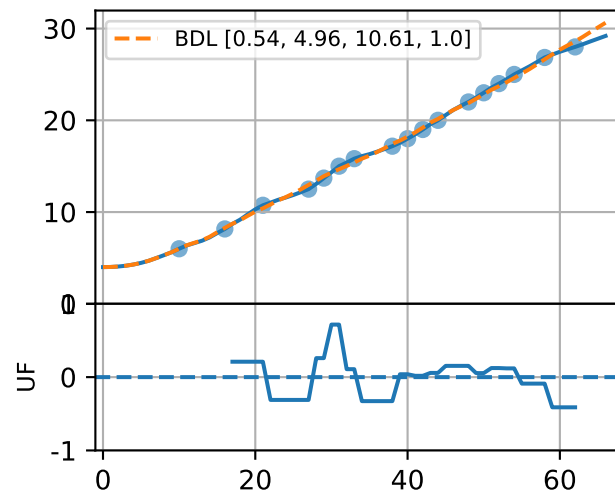
P10AE-063-19 (fit failed)



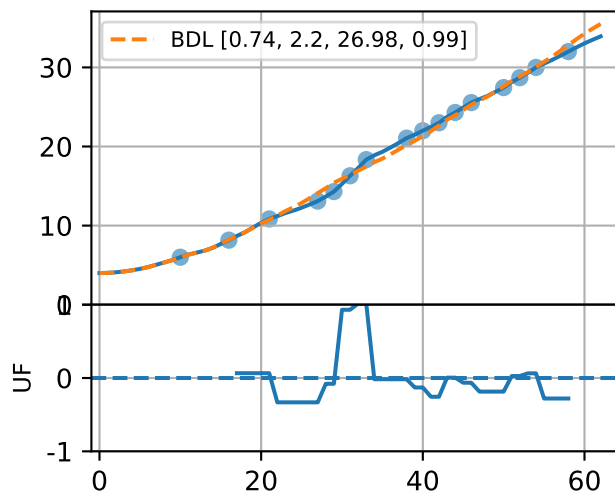
P10AE-076-15 (fit failed)



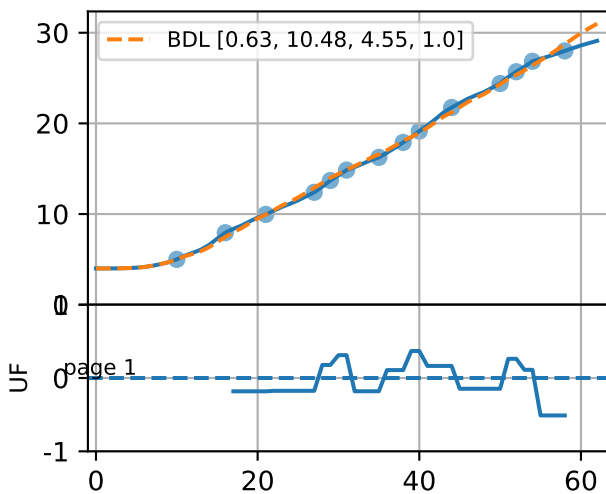
P10AE-089-22 (fit failed)



P10AE-103-17 (fit failed)



P10AE-116-21 (fit failed)

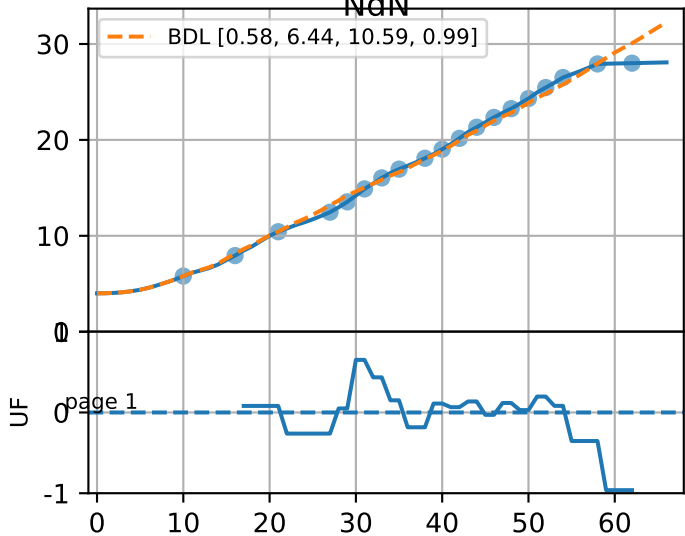


P10AEavg (fit failed)

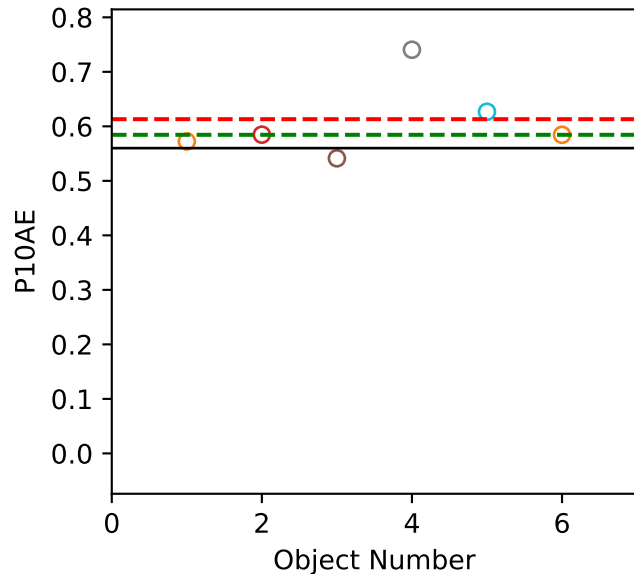
NaN

BDL [0.58, 6.44, 10.59, 0.99]

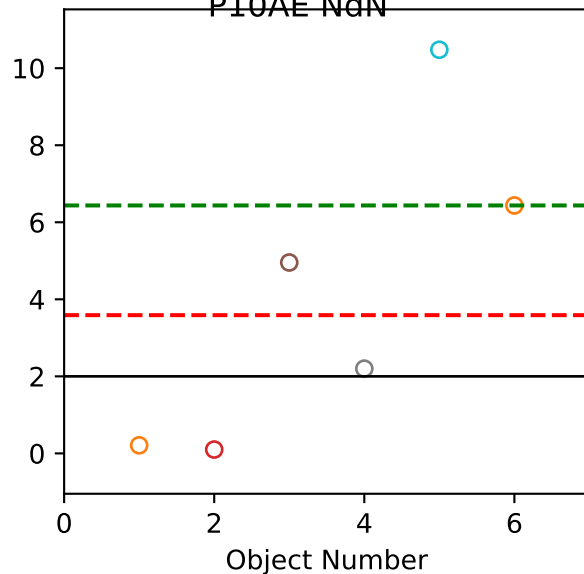
UF page 1



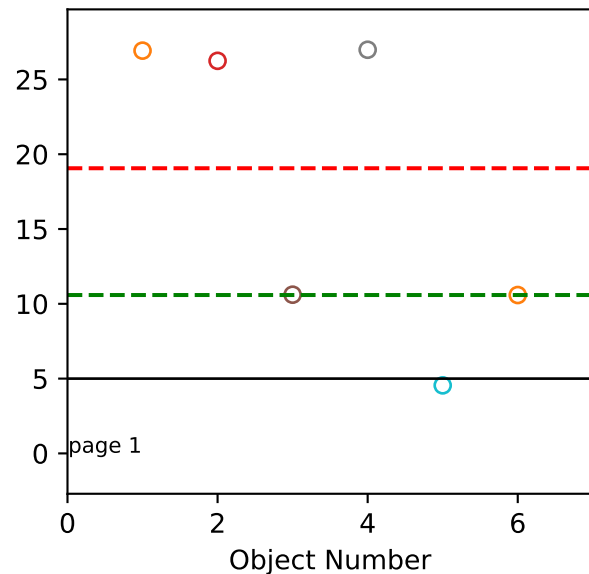
a (Def=0.56 Set=0.58)
avg1=0.61(fail) avg2=0.58



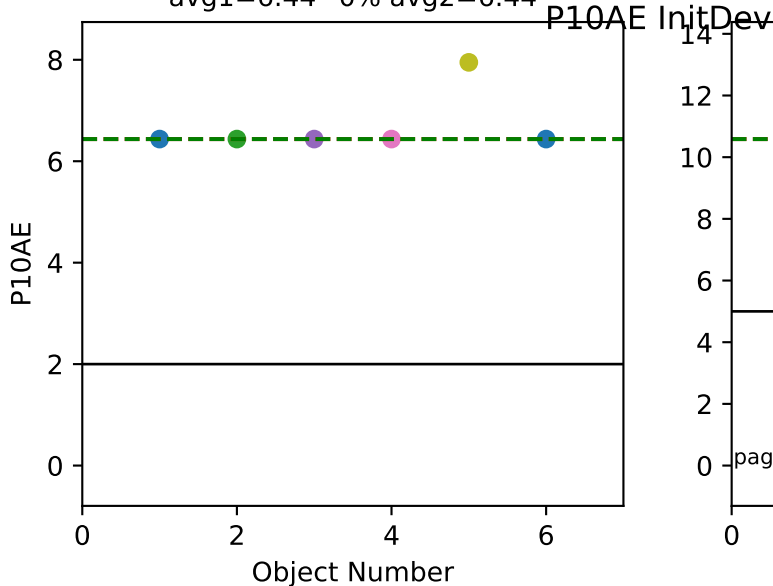
dm (Def=2 Set=6.44)
avg1=3.59(fail) avg2=6.44



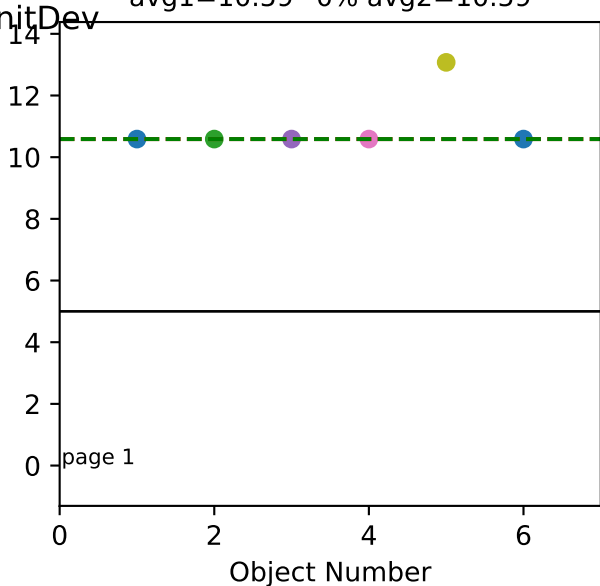
de (Def=5 Set=10.59)
avg1=19.06(fail) avg2=10.59



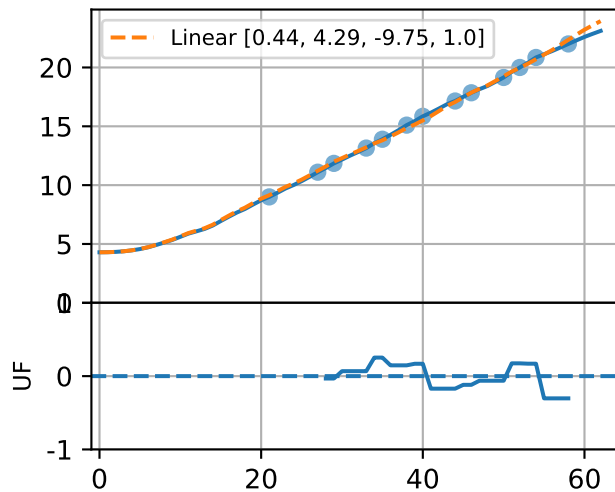
InitDev_dm (Def=2 Set=6.44)
avg1=6.44~0% avg2=6.44



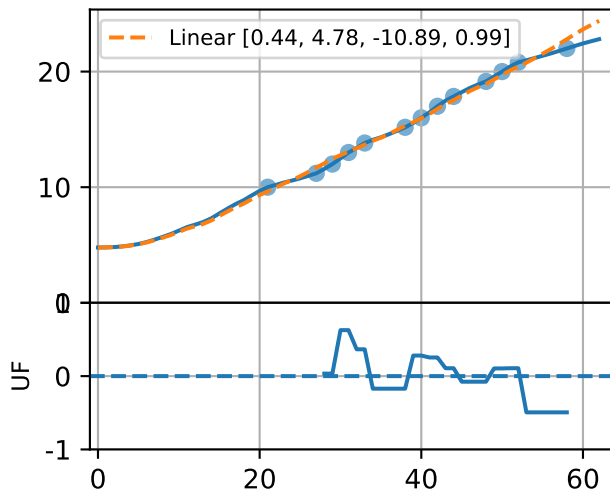
InitDev_de (Def=5 Set=10.59)
avg1=10.59~0% avg2=10.59



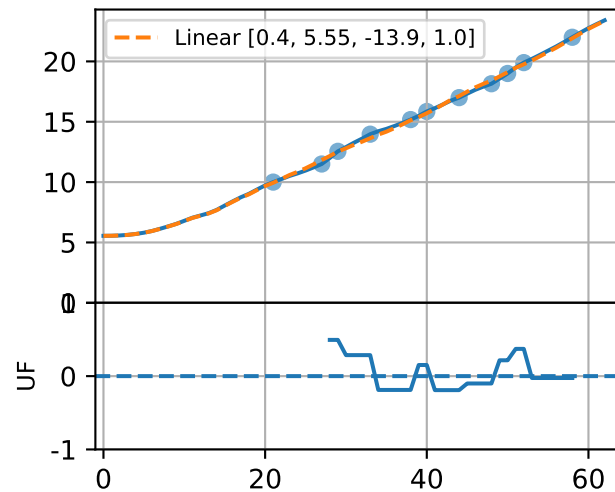
P10AE-063-19



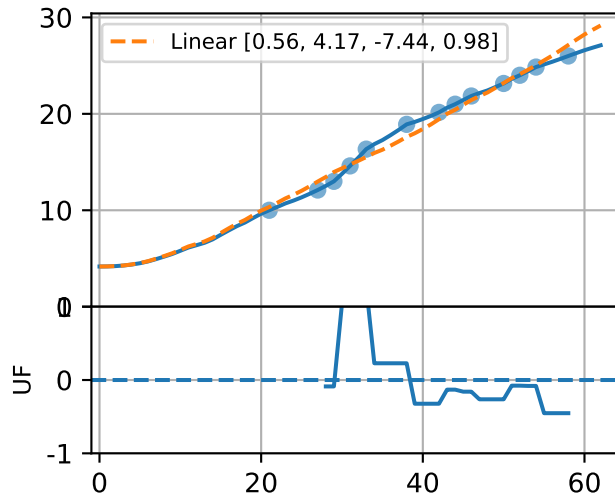
P10AE-076-5



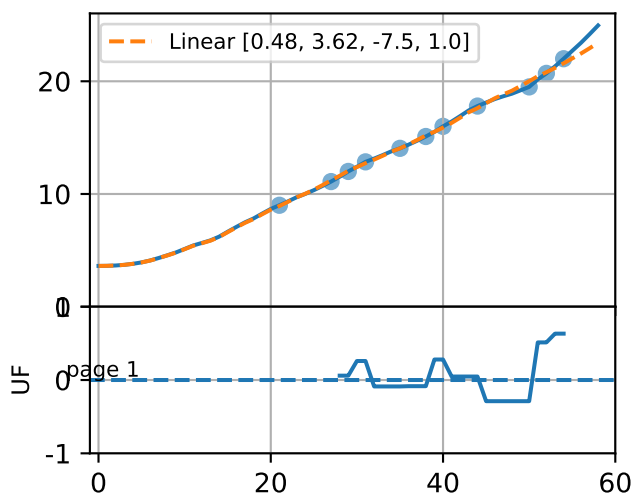
P10AE-089-22



P10AE-103-17

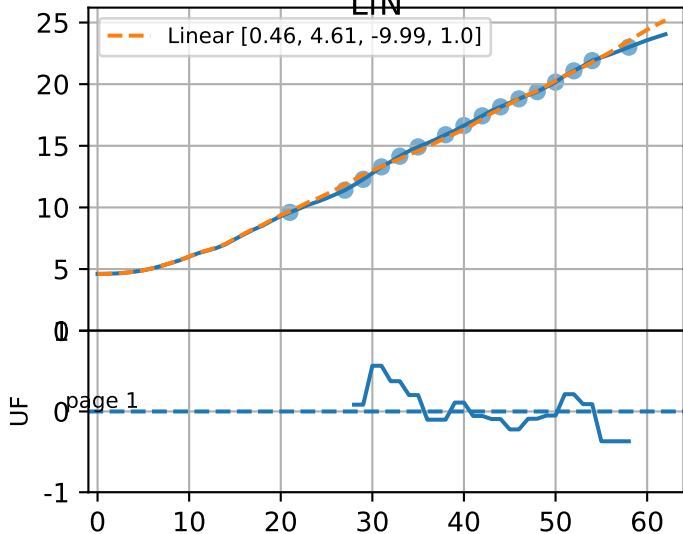


P10AE-116-21

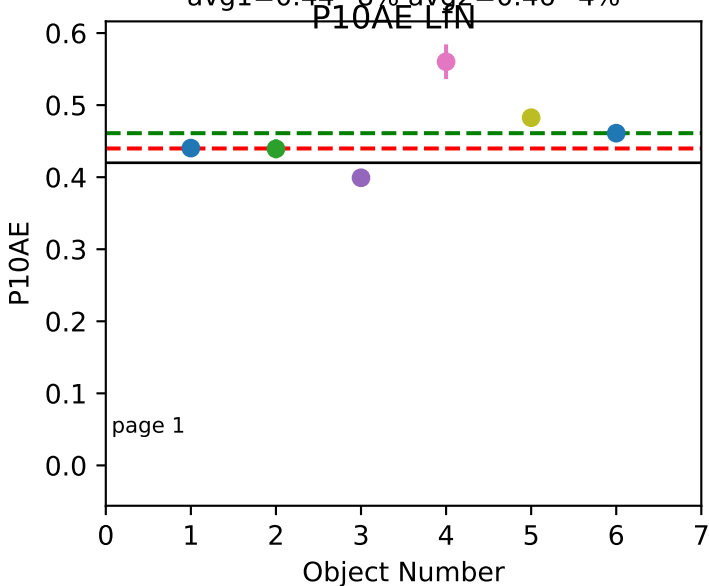


P10AEavg

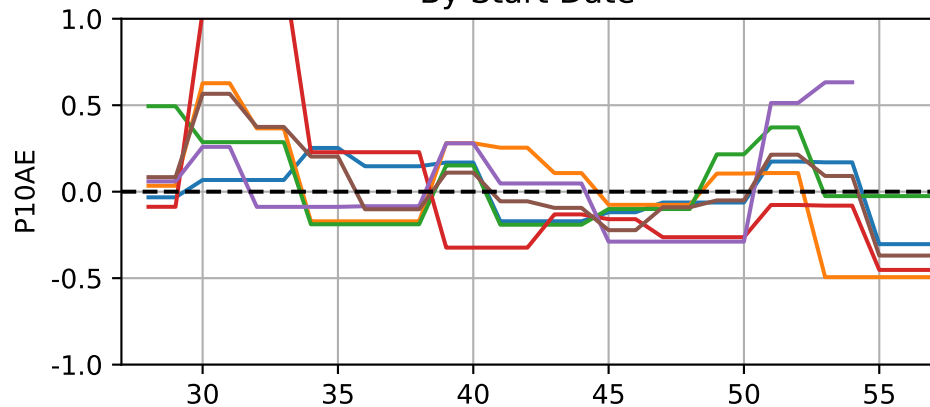
LfN



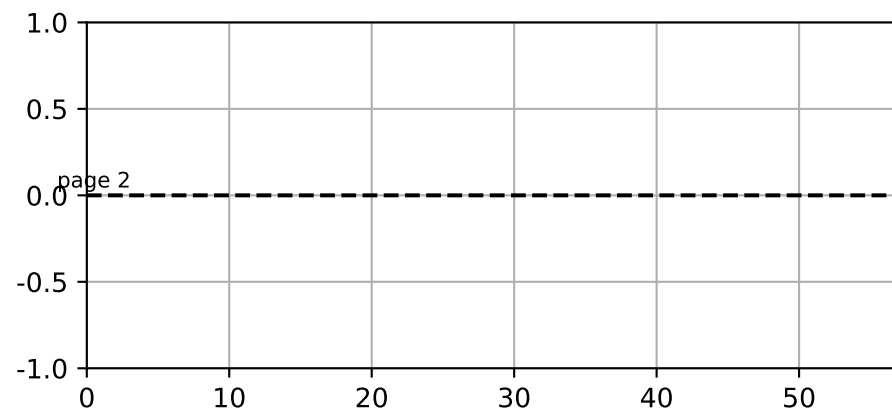
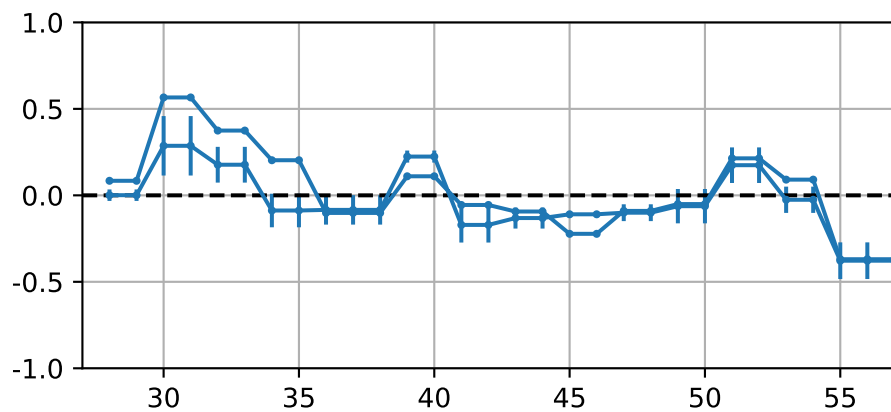
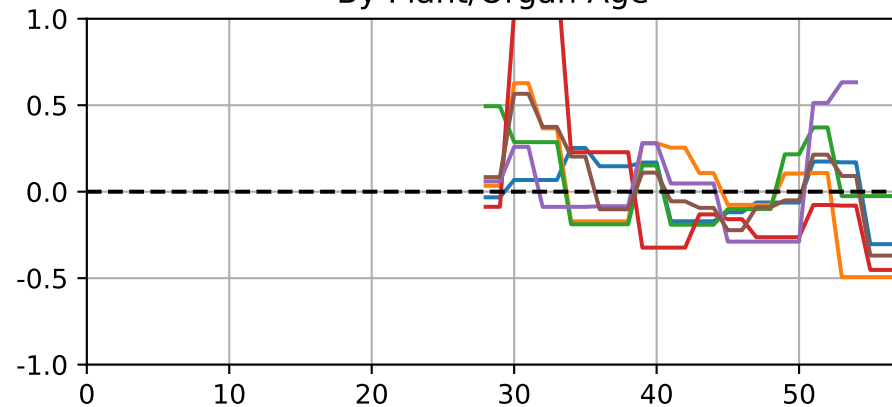
a (Def=0.42 Set=0.46)
avg1=0.44~8% avg2=0.46~4%



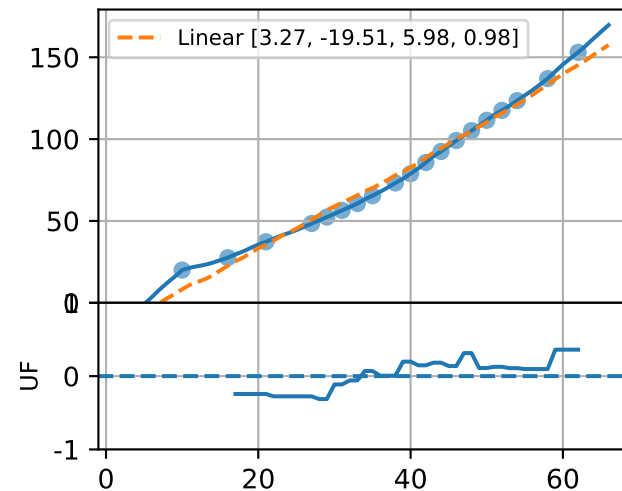
By Start Date



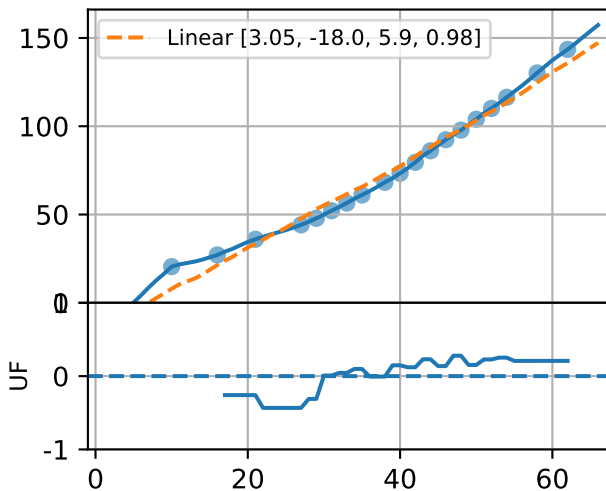
By Plant/Organ Age



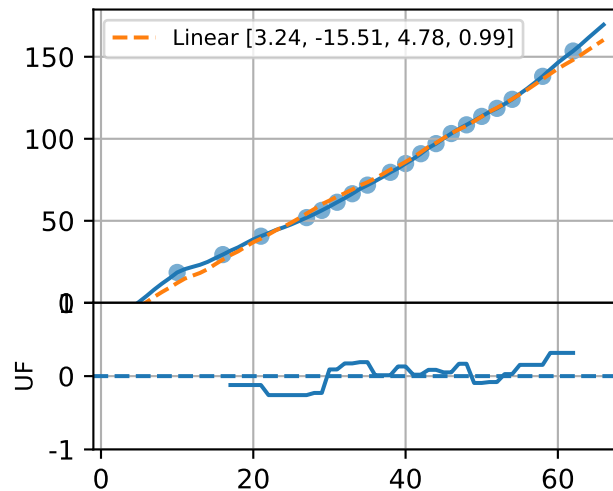
P10AE-063-19



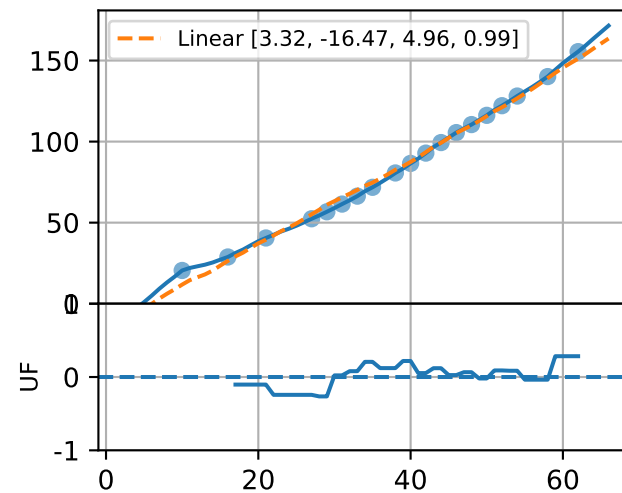
P10AE-076-5



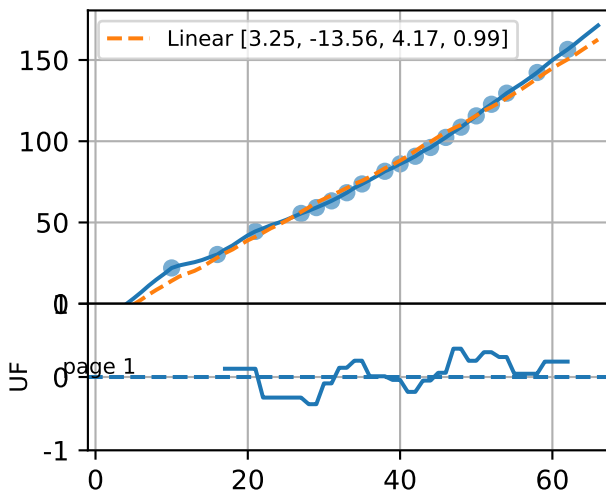
P10AE-089-22



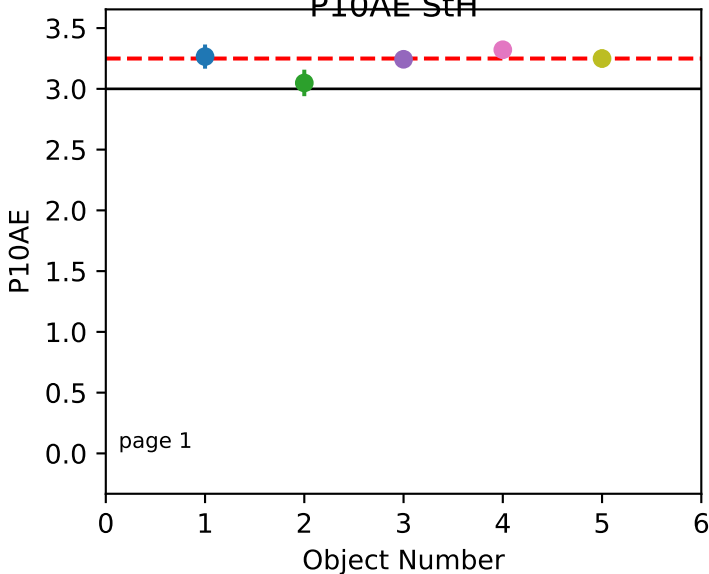
P10AE-103-17



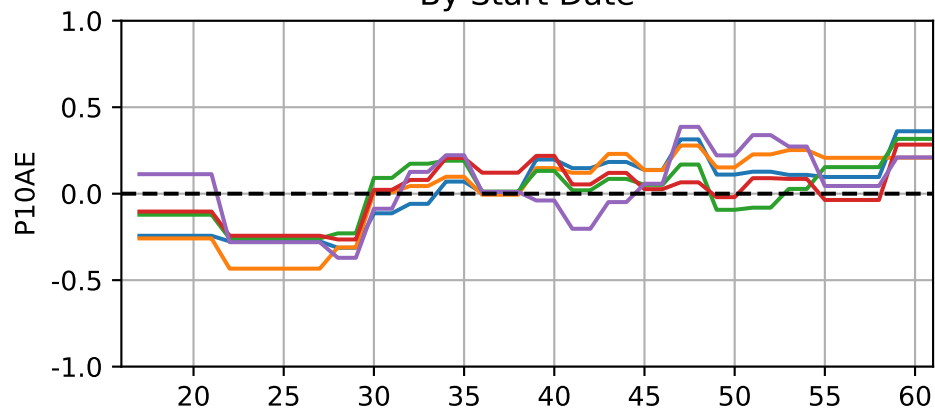
P10AE-116-21



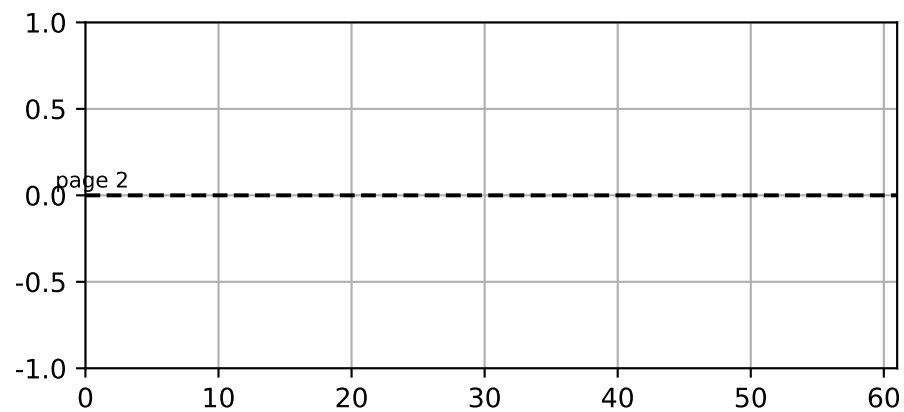
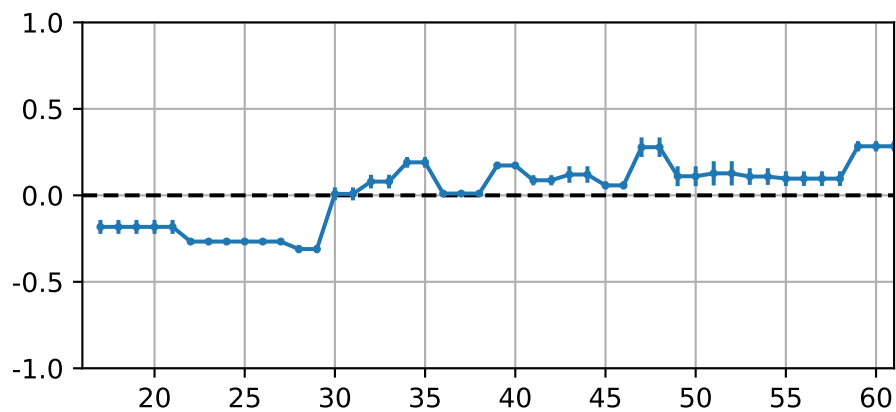
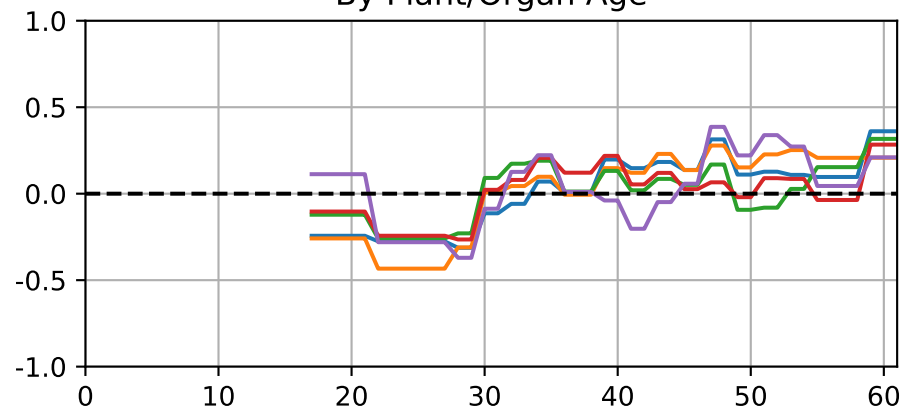
a (Def=3 Set=3.25)
avg1=3.25~0% avg2=na
P10AE StH



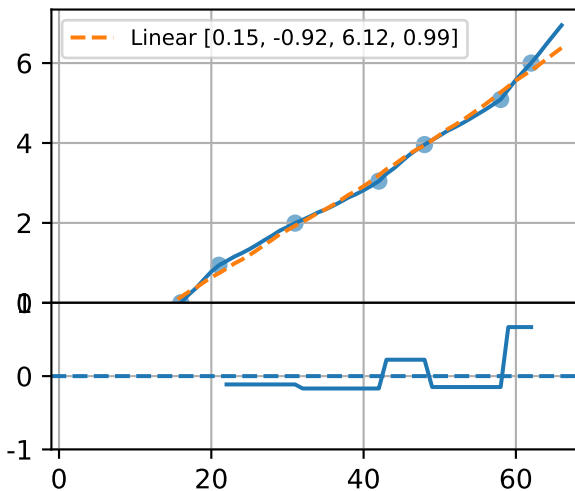
By Start Date



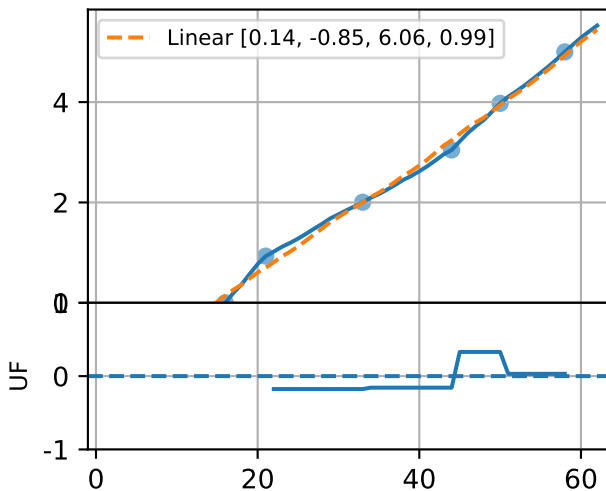
By Plant/Organ Age



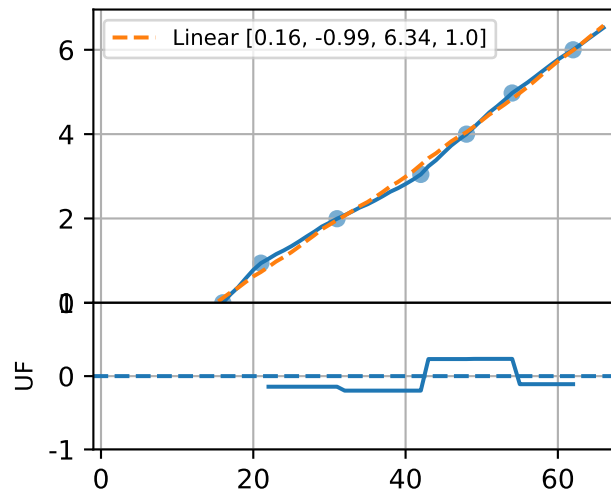
P10AE-063-19



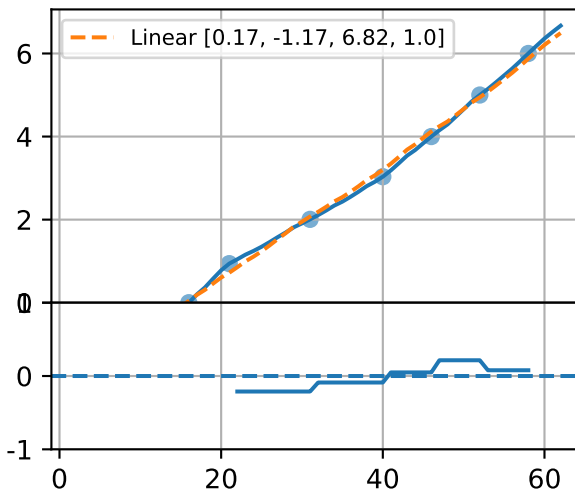
P10AE-076-5



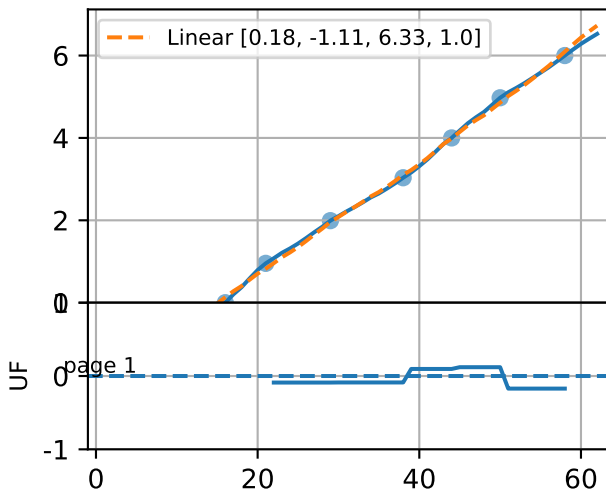
P10AE-089-22



P10AE-103-17



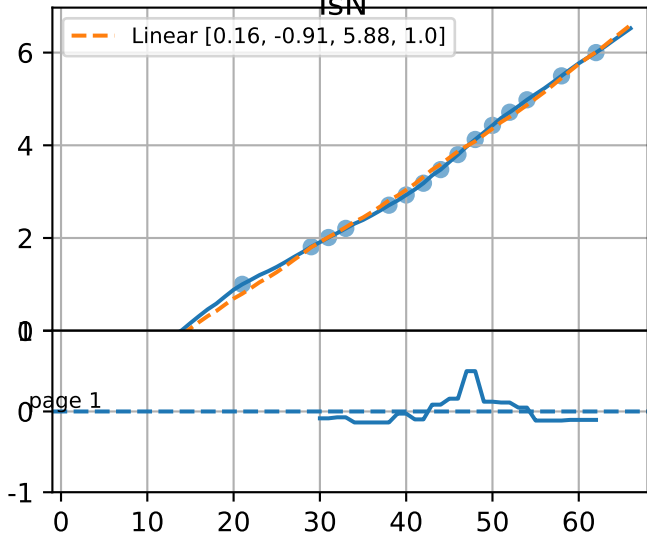
P10AE-116-21

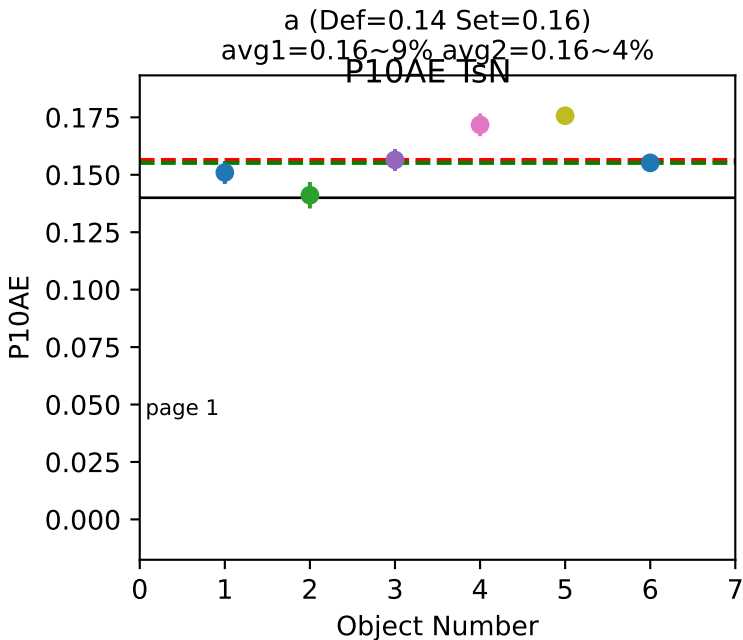


P10AEavg
TSN

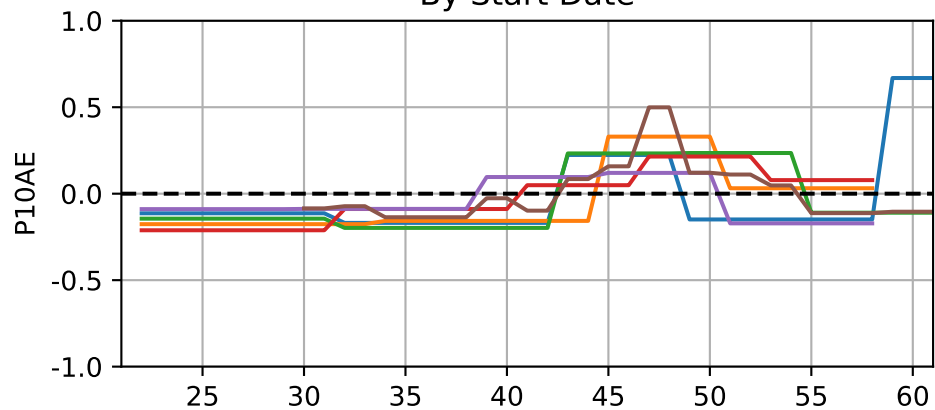
Linear [0.16, -0.91, 5.88, 1.0]

UF
page 1

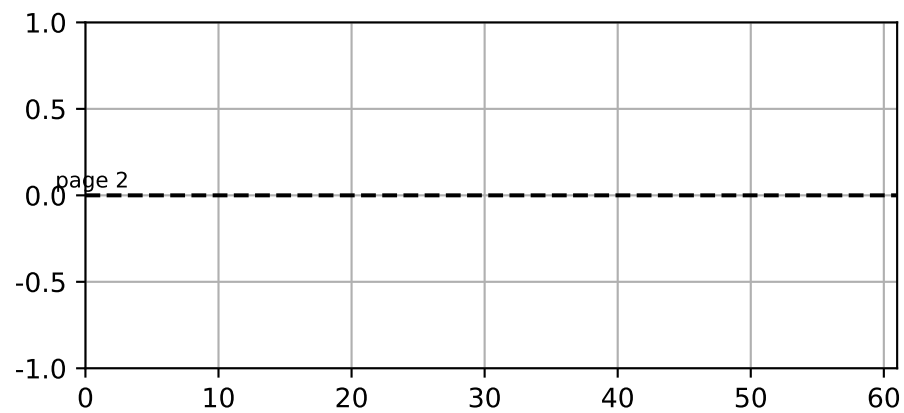
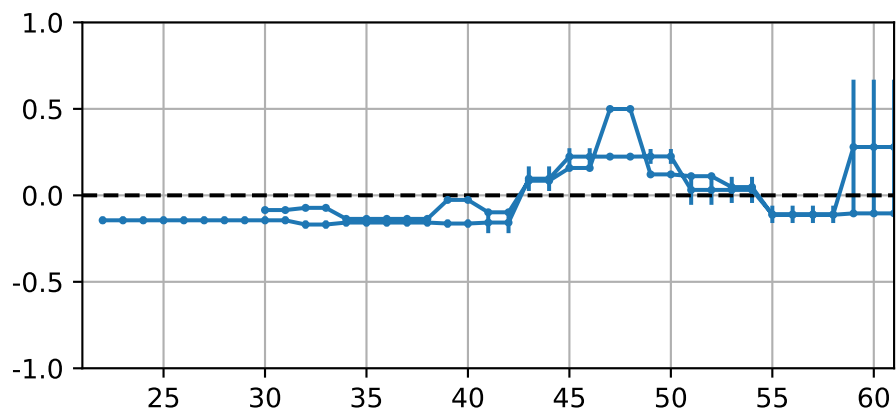
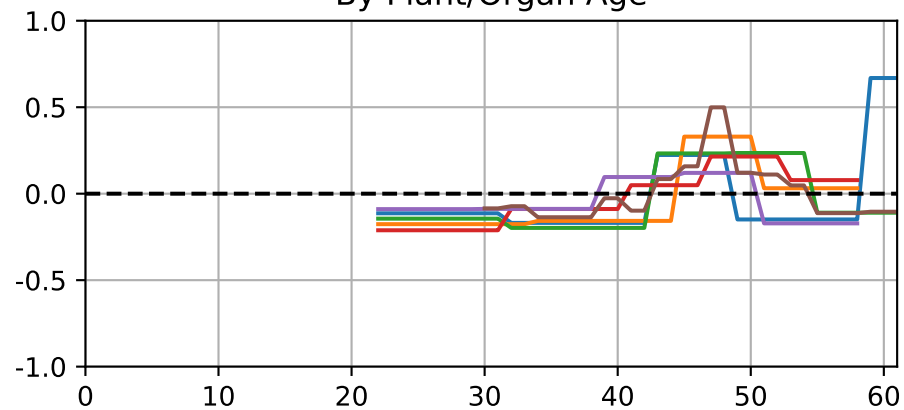




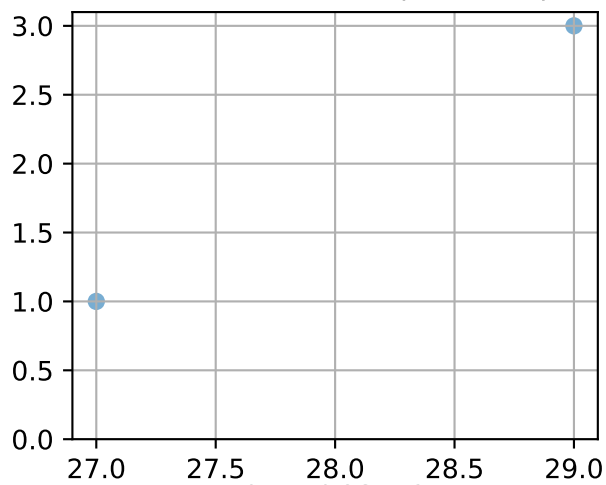
By Start Date



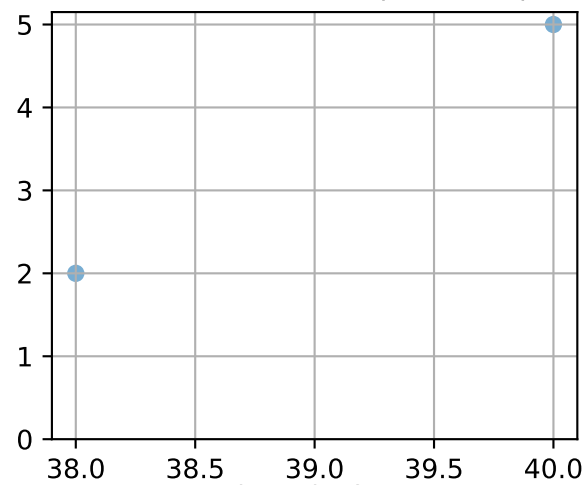
By Plant/Organ Age



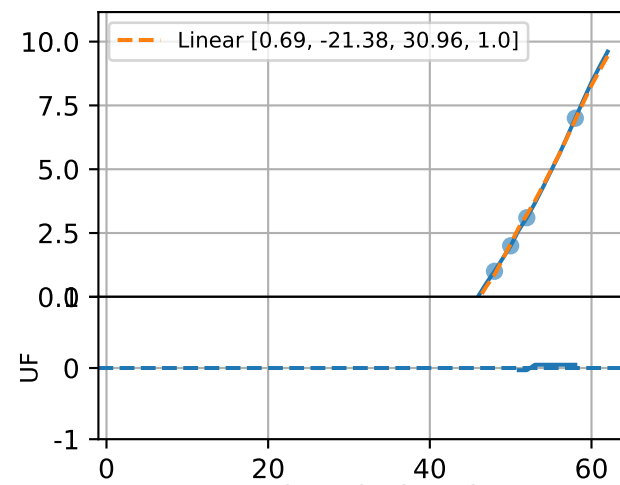
P10AE-063-19T1 (fit failed)



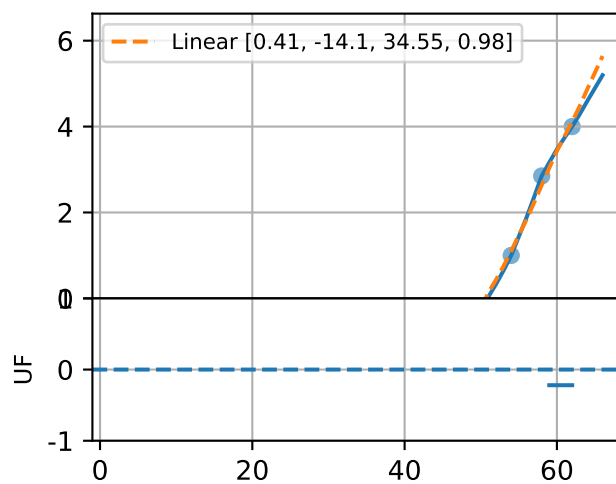
P10AE-063-19T2 (fit failed)



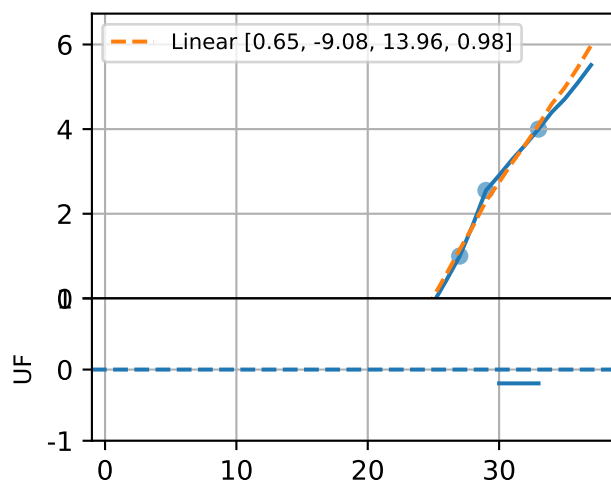
P10AE-063-19T3



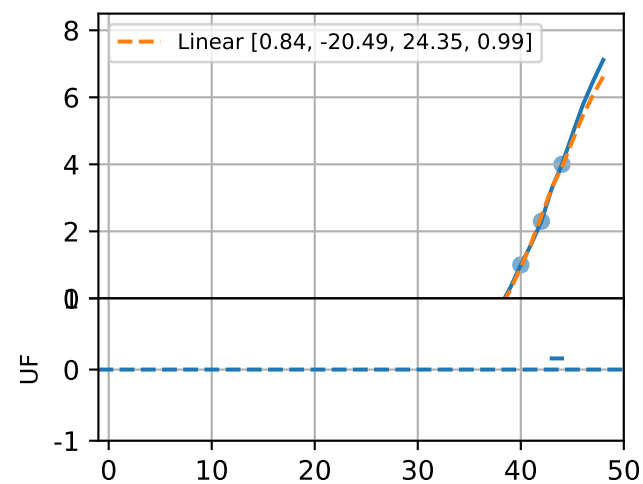
P10AE-063-19T4



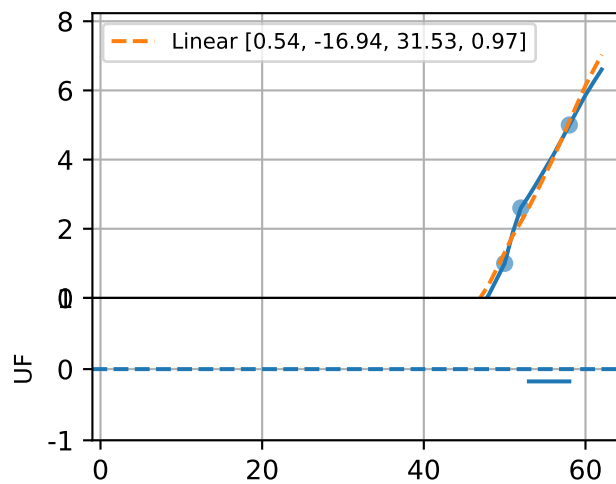
P10AE-076-5T1



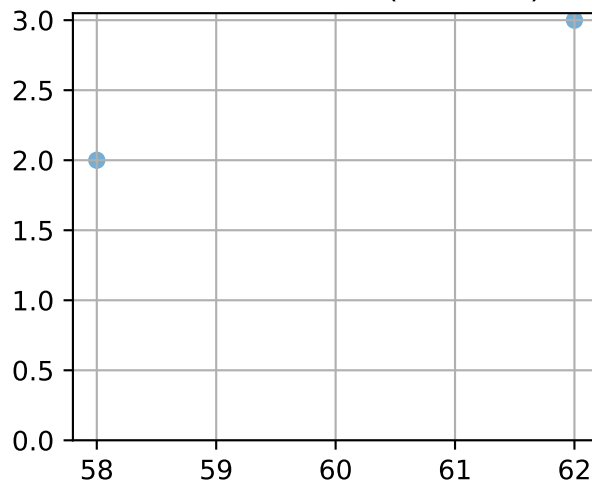
P10AE-076-5T2



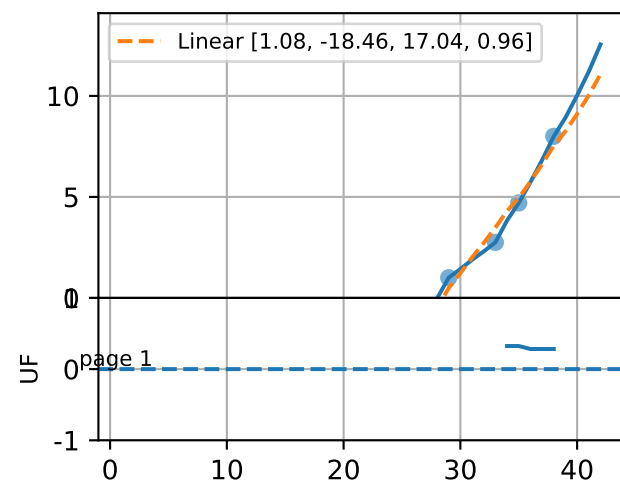
P10AE-076-5T3

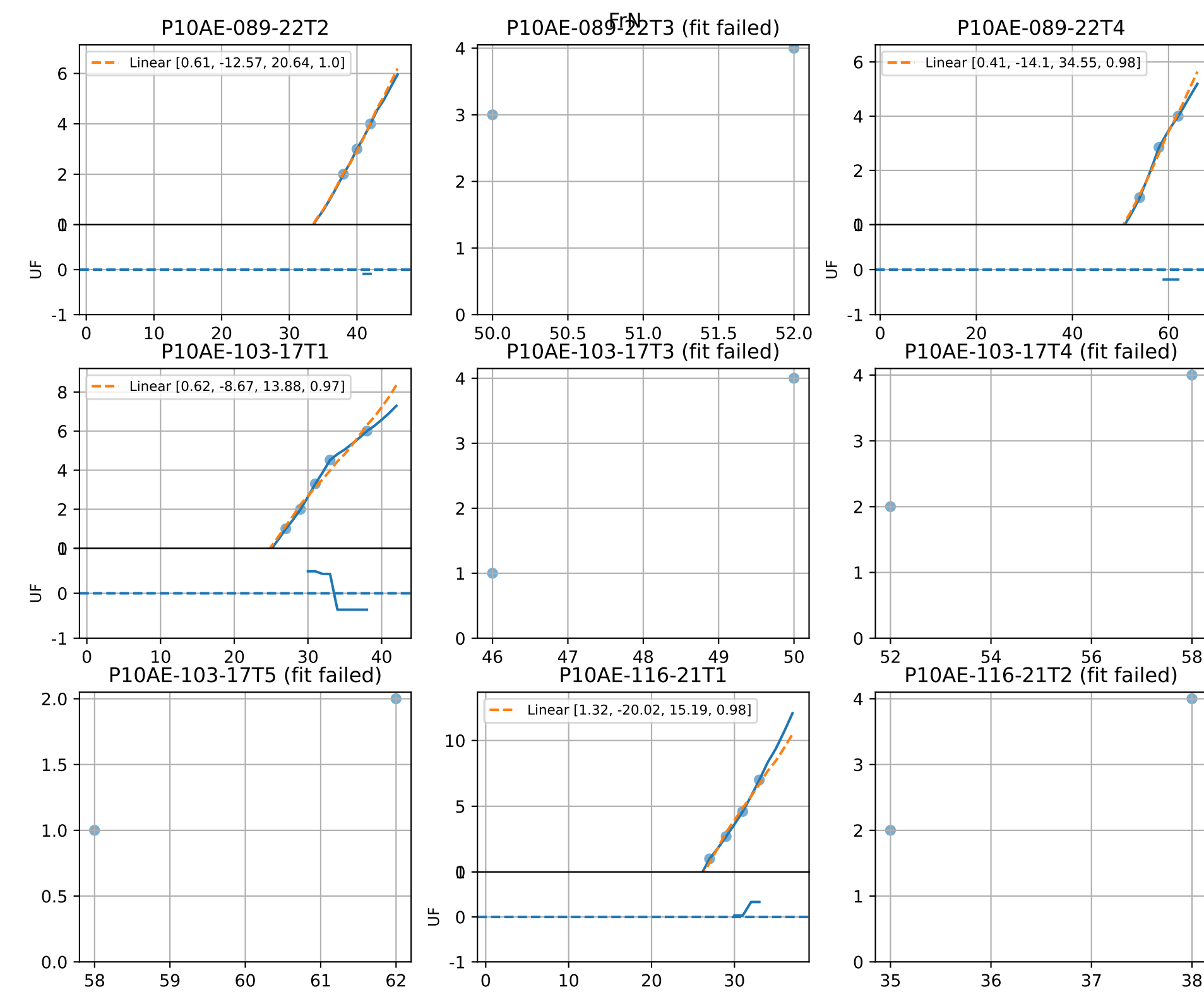


P10AE-076-5T4 (fit failed)



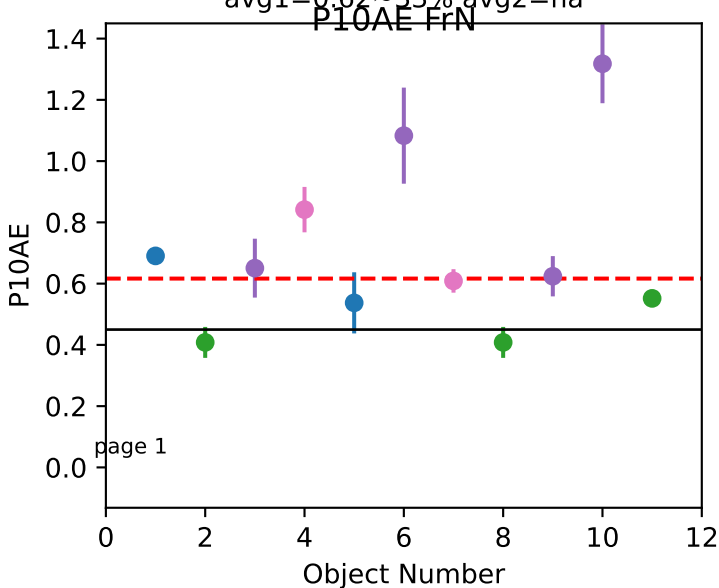
P10AE-089-22T1



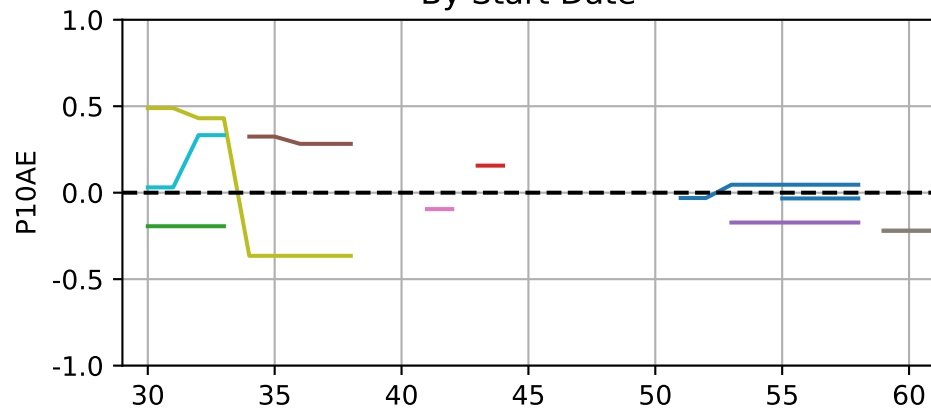




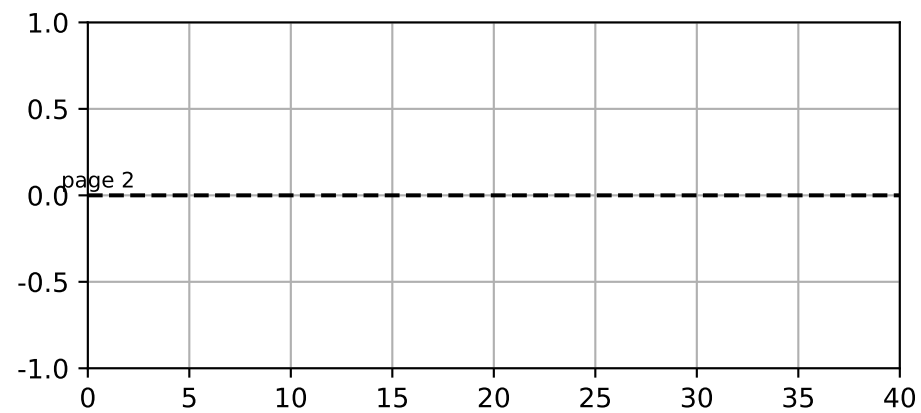
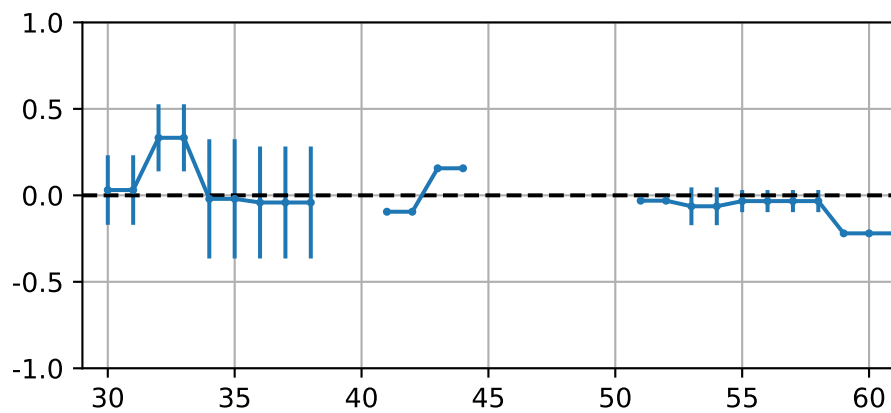
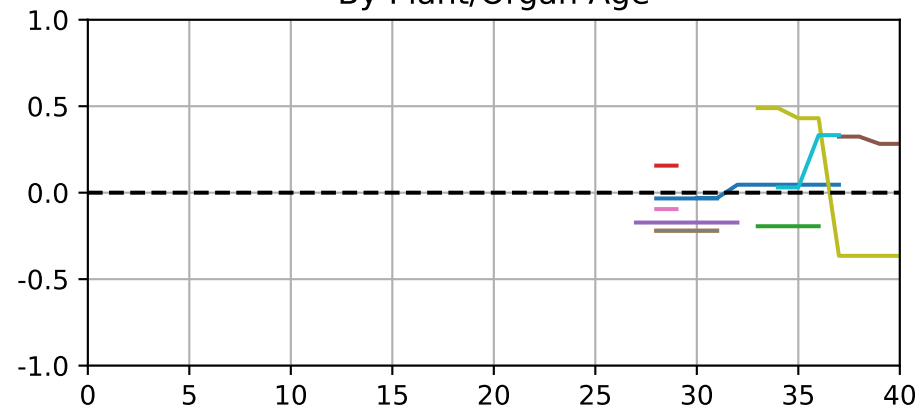
a (Def=0.45 Set=0.62)
avg1=0.62~33% avg2=na



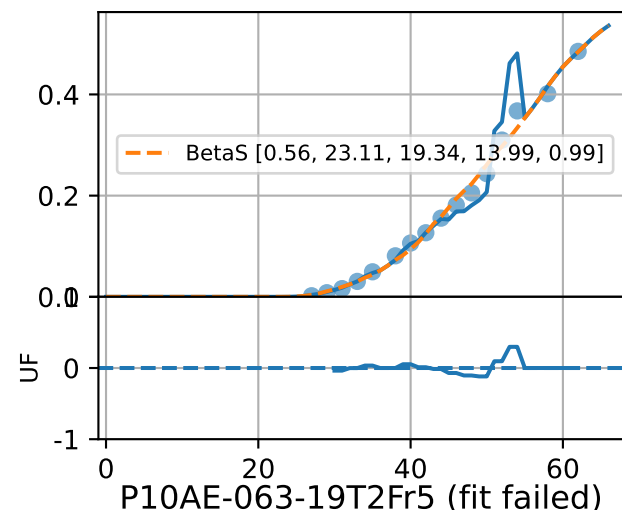
By Start Date



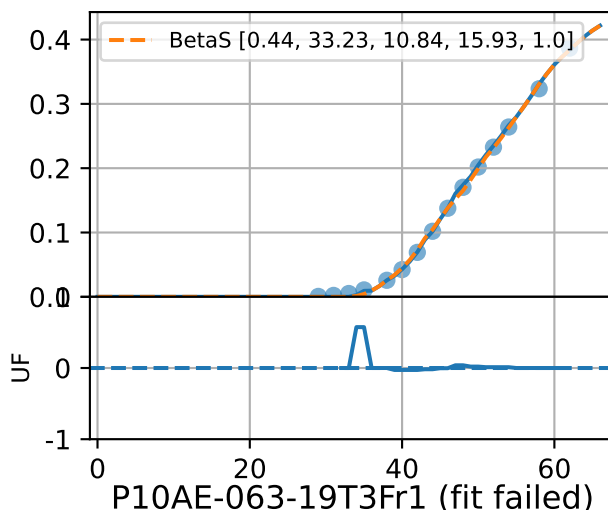
By Plant/Organ Age



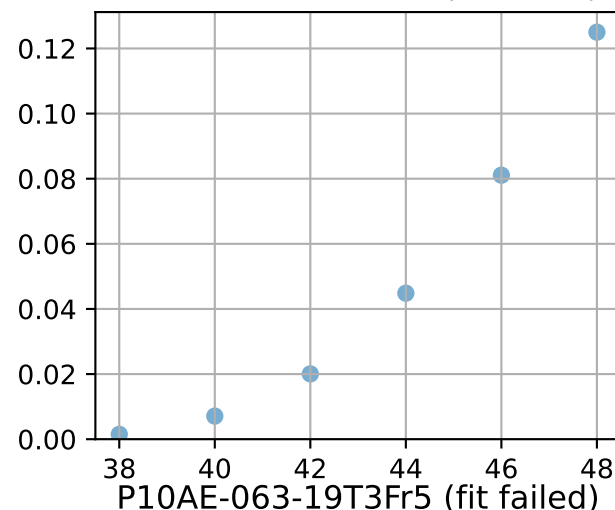
P10AE-063-19T1Fr1



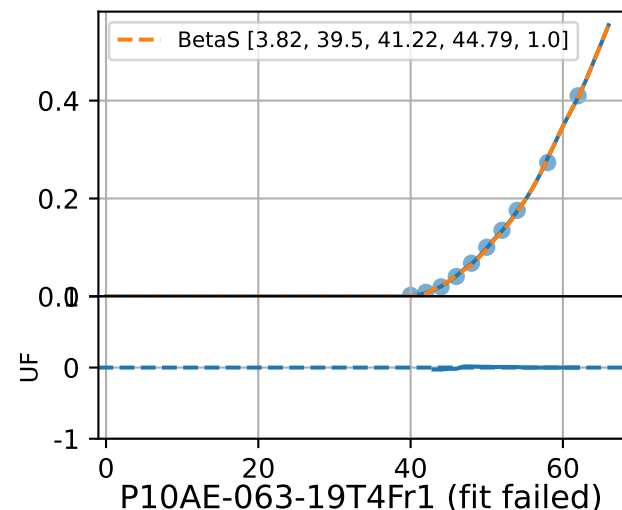
P10AE-063-19T1Fr5



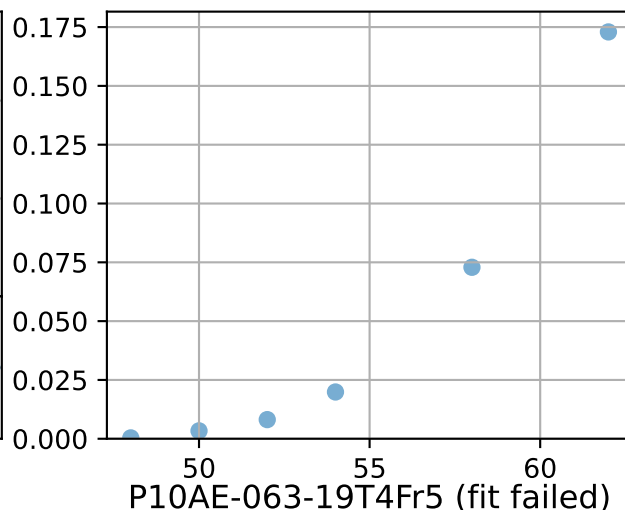
P10AE-063-19T2Fr1 (fit failed)



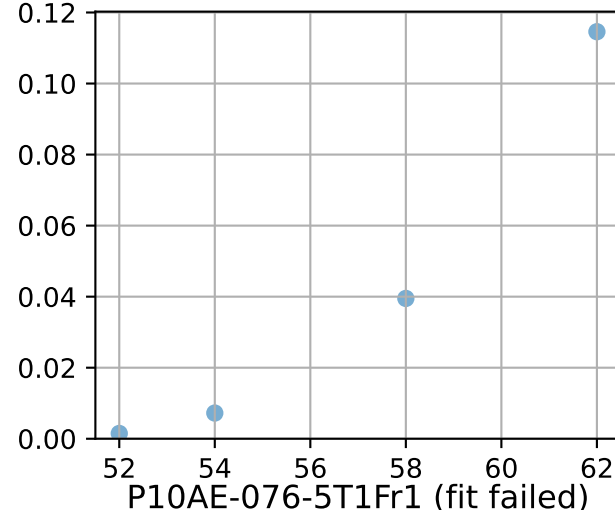
P10AE-063-19T2Fr5 (fit failed)



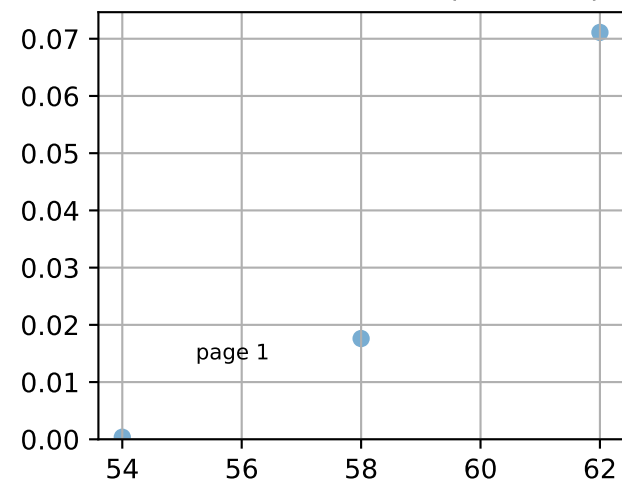
P10AE-063-19T3Fr1 (fit failed)



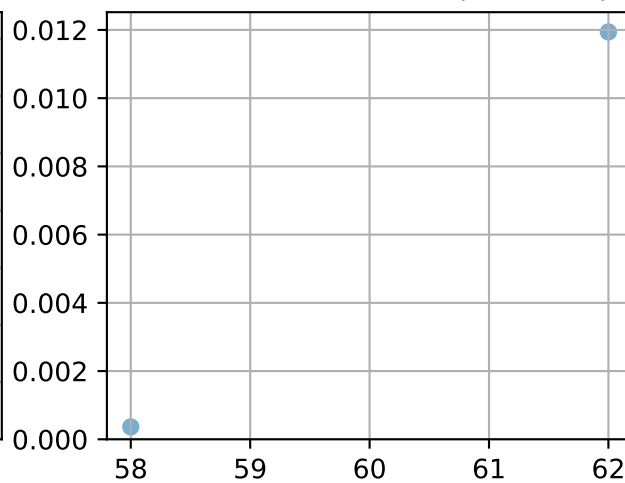
P10AE-063-19T3Fr5 (fit failed)



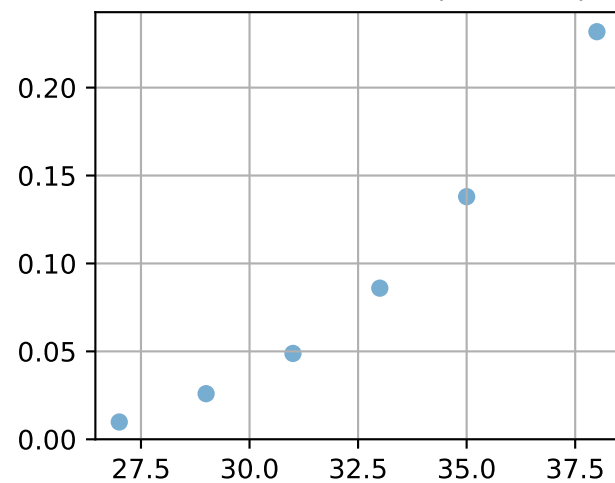
P10AE-063-19T4Fr1 (fit failed)



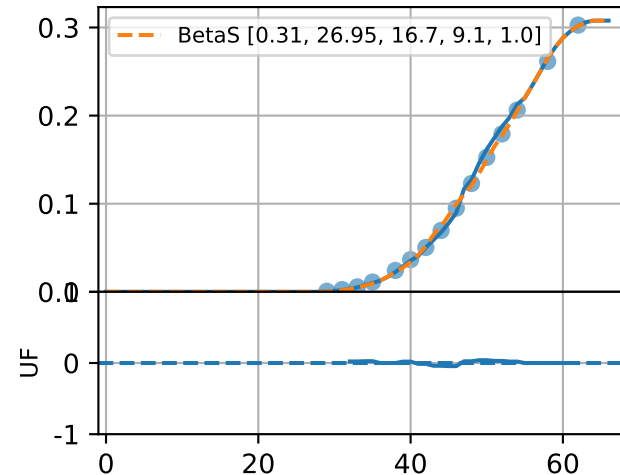
P10AE-063-19T4Fr5 (fit failed)



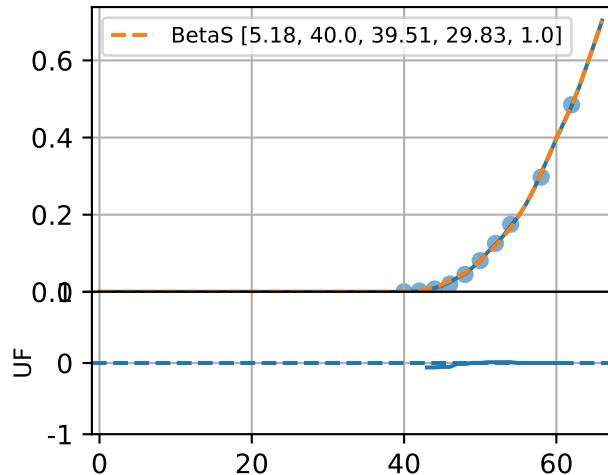
P10AE-076-5T1Fr1 (fit failed)



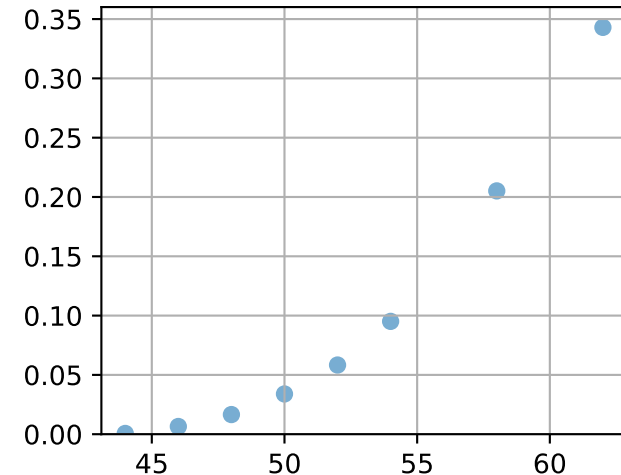
P10AE-076-5T1Fr5



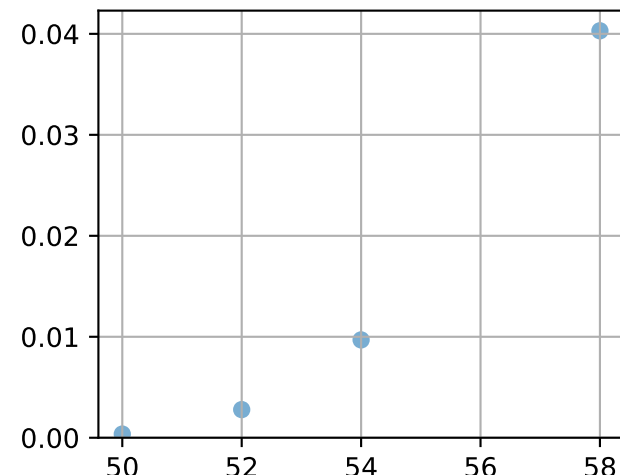
P10AE-076-5T2Fr1 (fit failed)



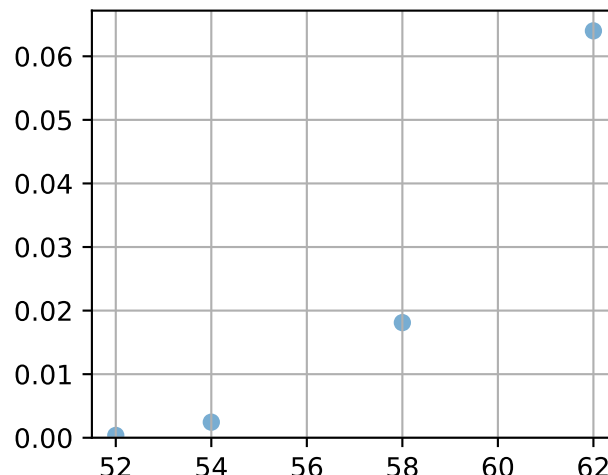
P10AE-076-5T2Fr5 (fit failed)



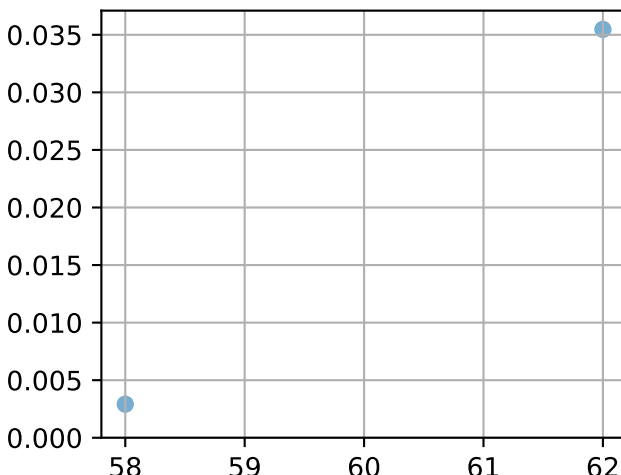
P10AE-076-5T3Fr1 (fit failed)



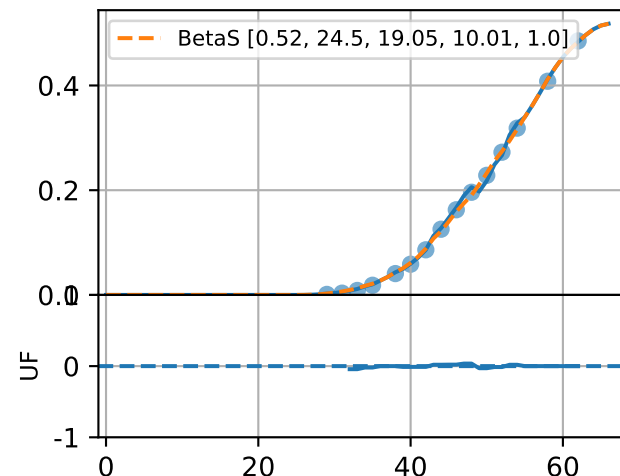
P10AE-076-5T3Fr5 (fit failed)



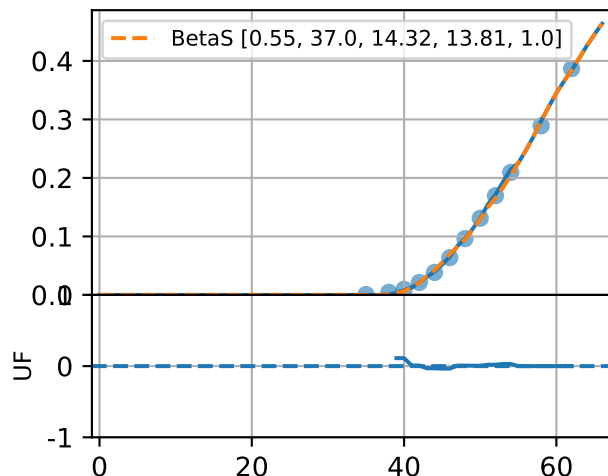
P10AE-076-5T4Fr1 (fit failed)



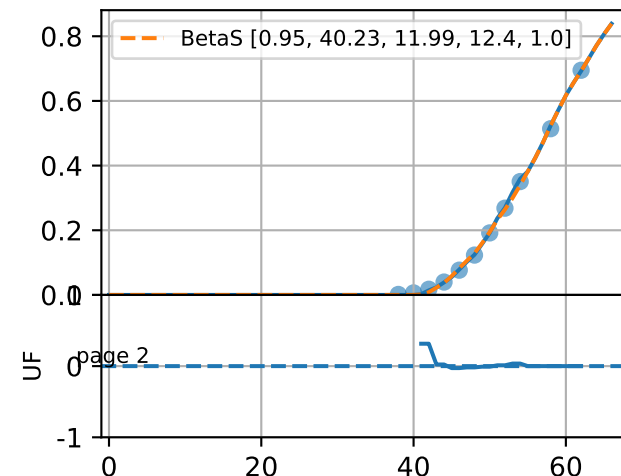
P10AE-089-22T1Fr1



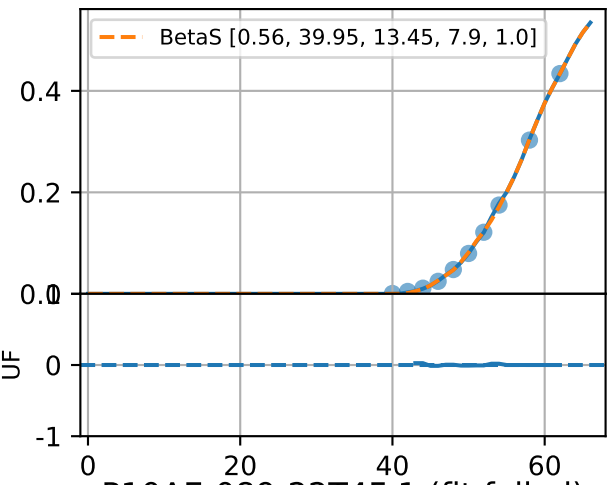
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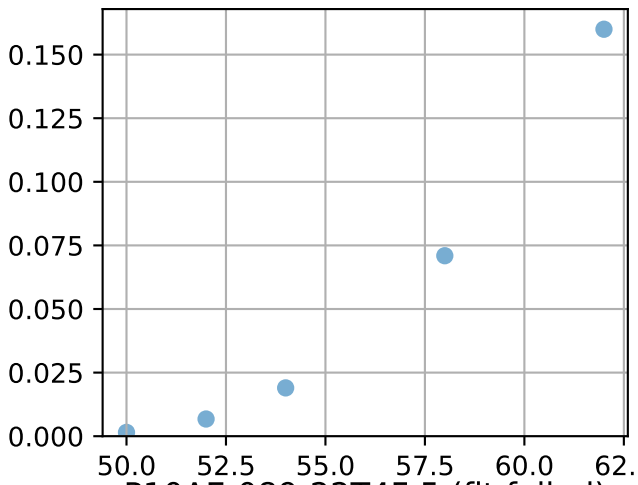
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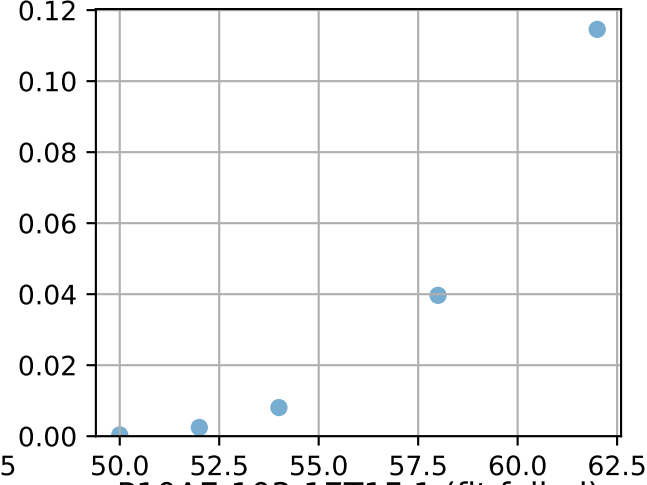
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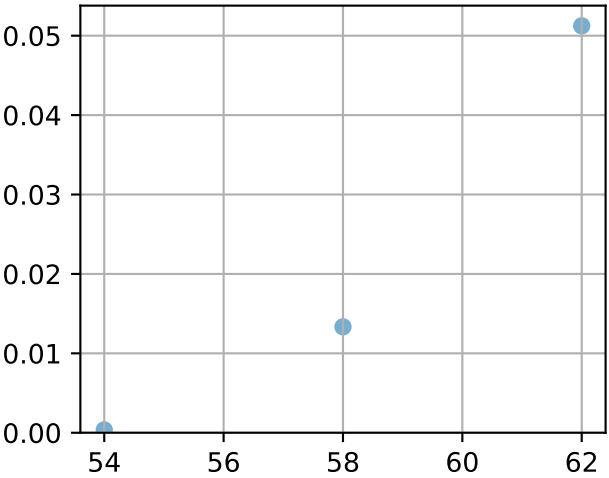
P10AE-089-22T3Fr1 (fit failed)



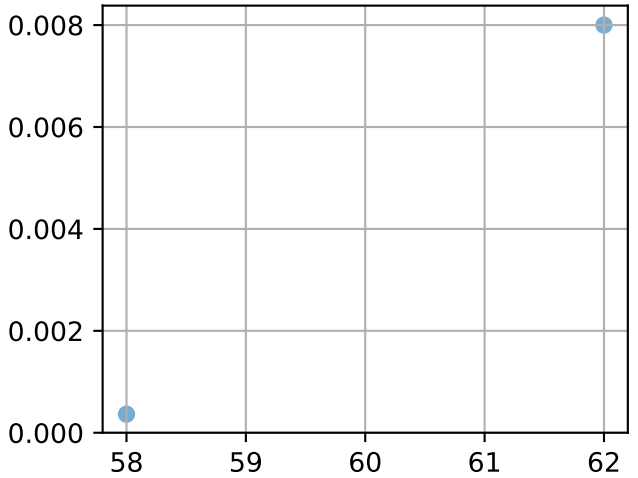
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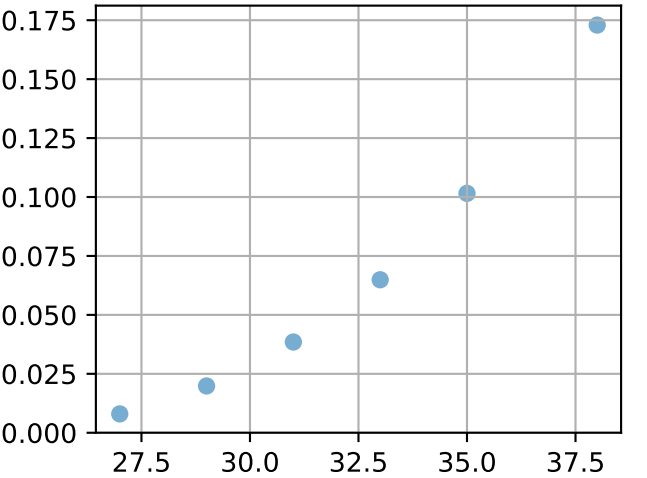
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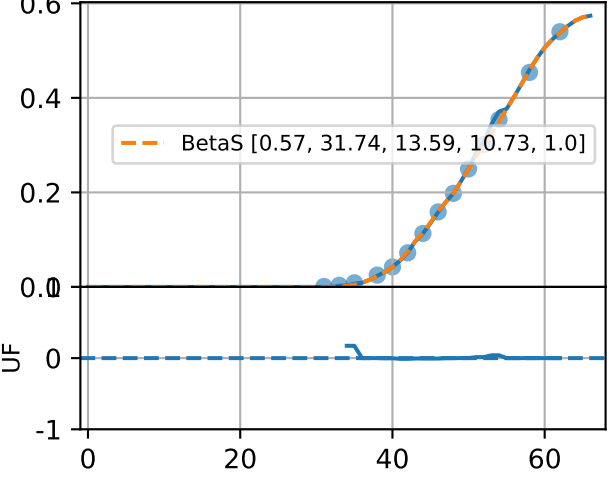
P10AE-089-22T4Fr5 (fit failed)



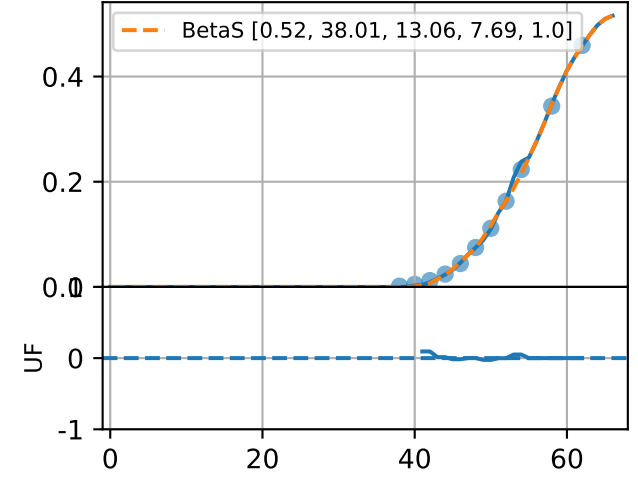
P10AE-103-17T1Fr1 (fit failed)



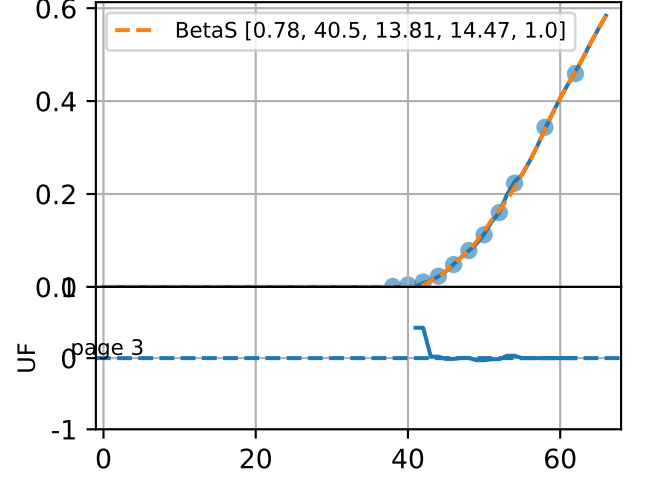
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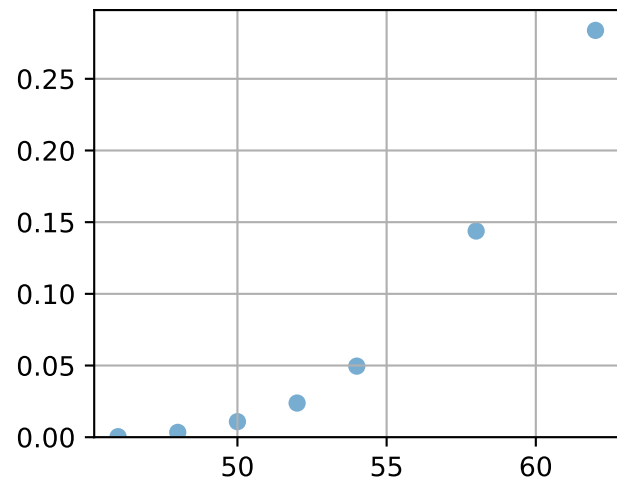
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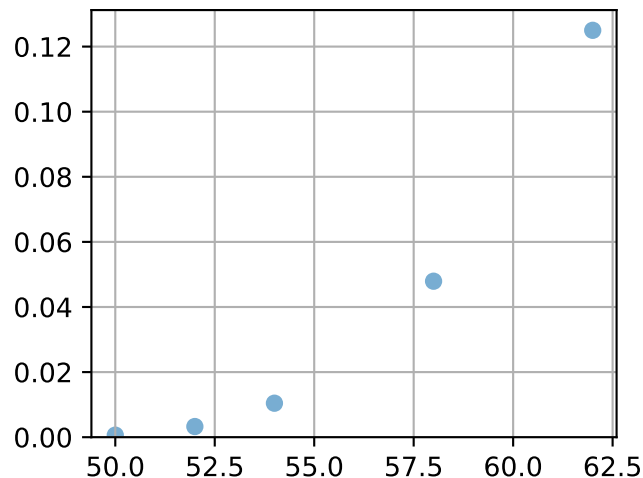
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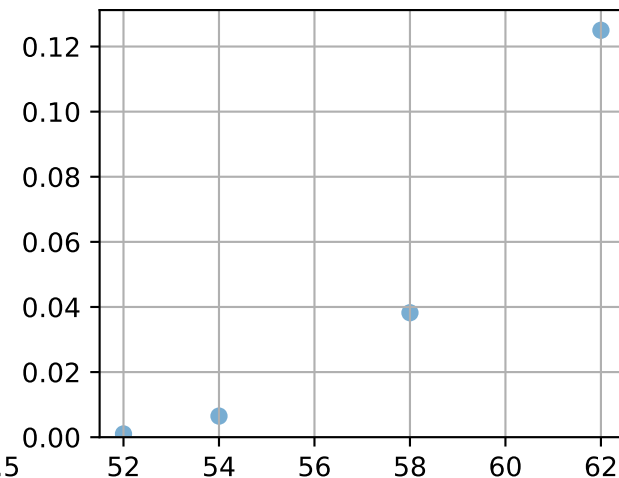
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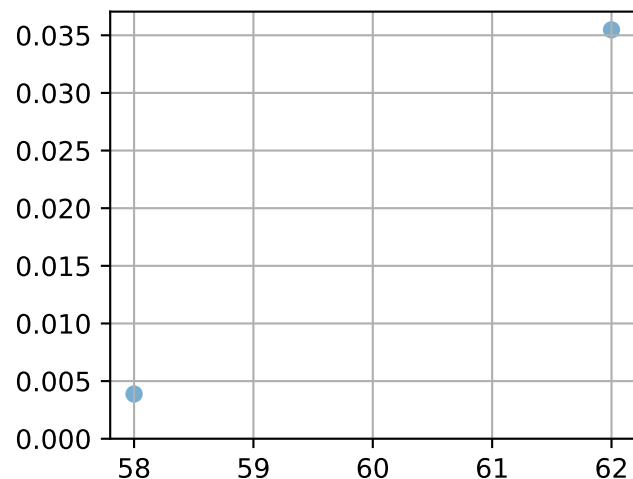
P10AE-103-17T3Fr5 (fit failed)



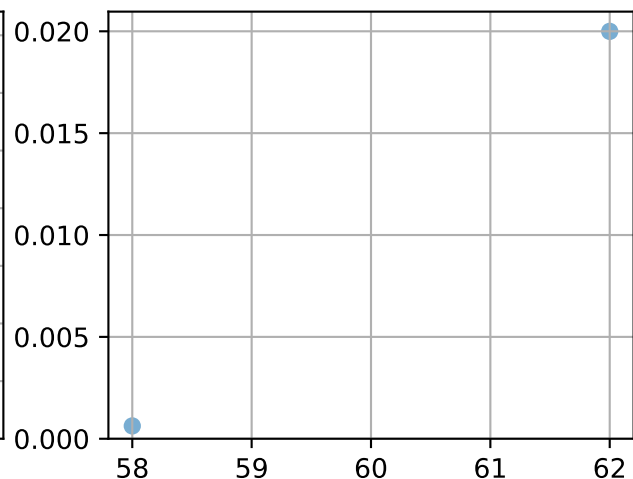
P10AE-103-17T4Fr1 (fit failed)



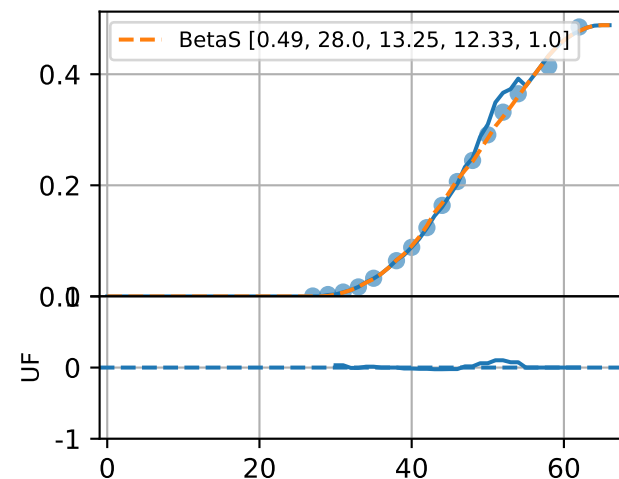
P10AE-103-17T4Fr5 (fit failed)



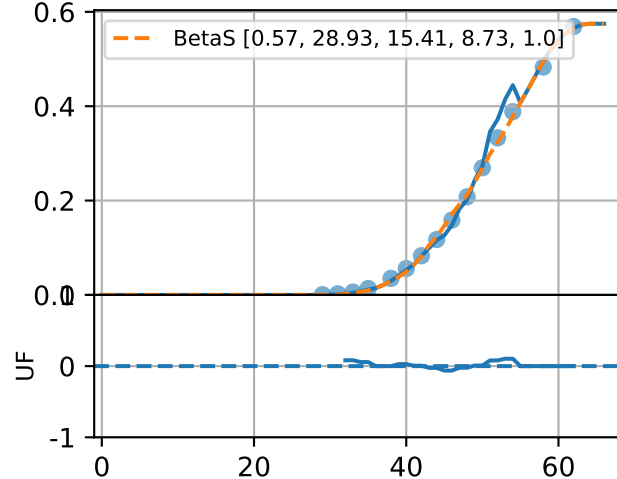
P10AE-103-17T5Fr1 (fit failed)



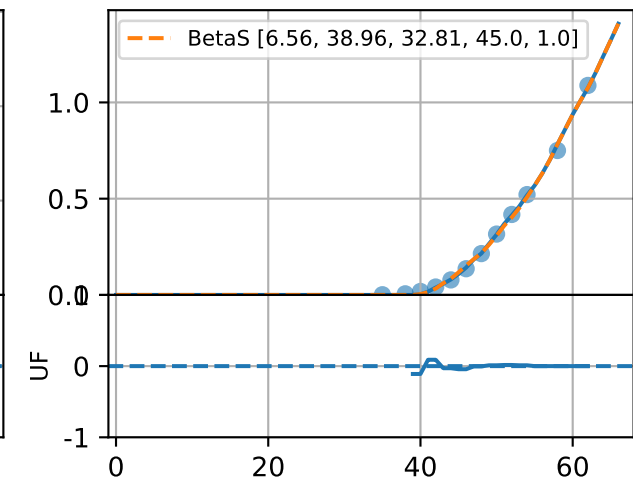
P10AE-116-21T1Fr1



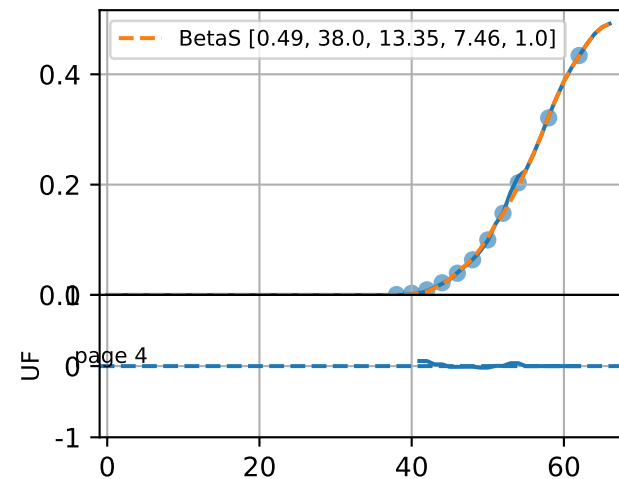
P10AE-116-21T1Fr5



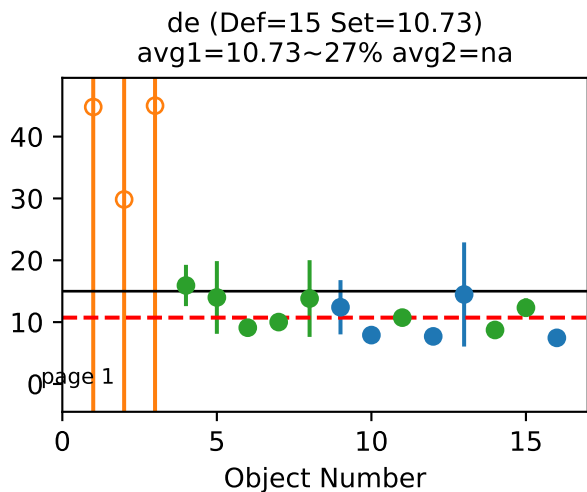
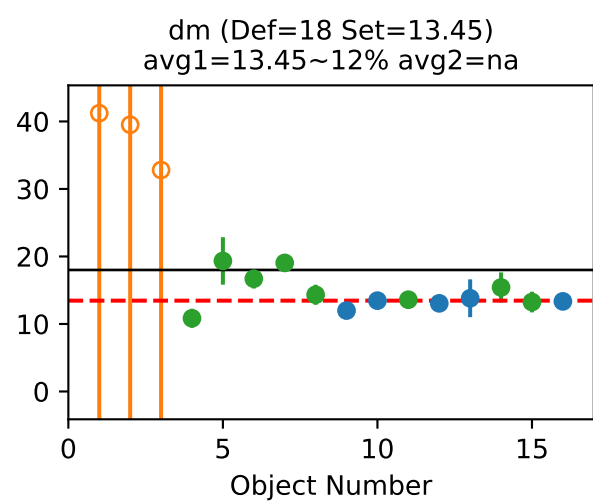
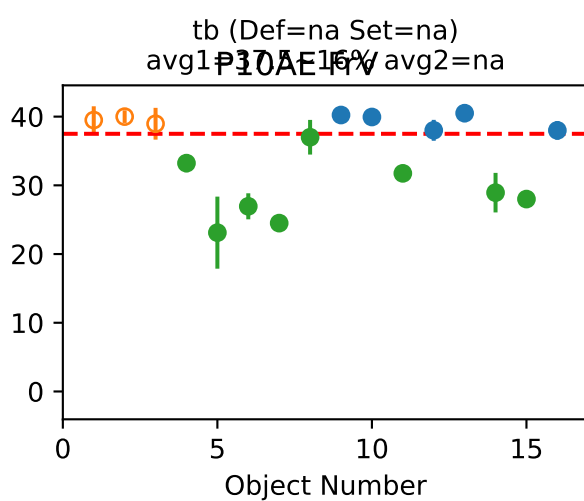
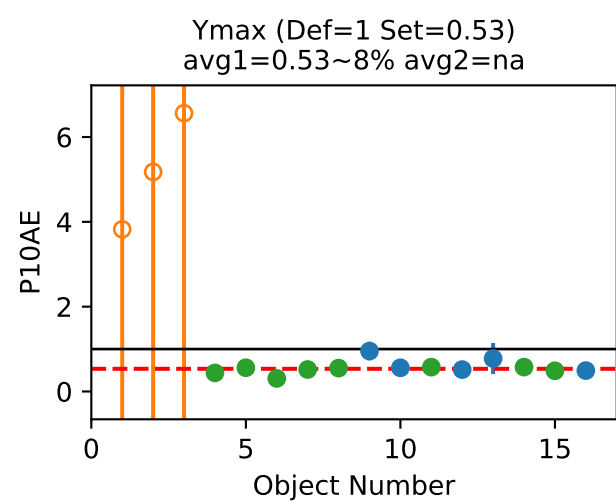
P10AE-116-21T2Fr1 (fit failed)



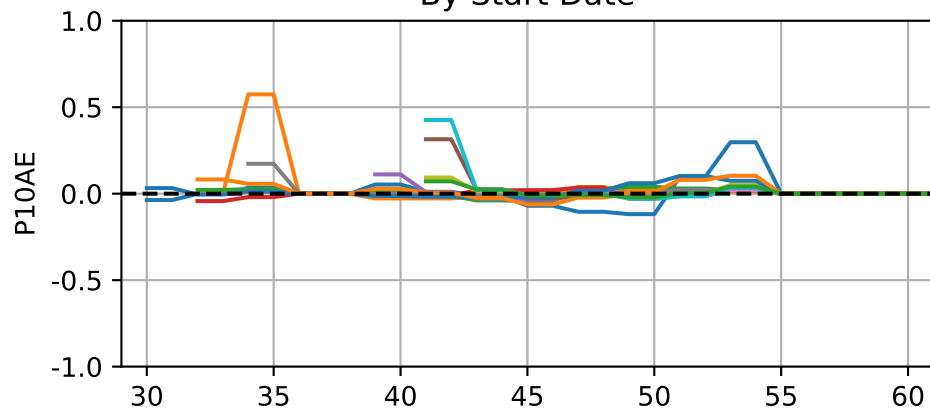
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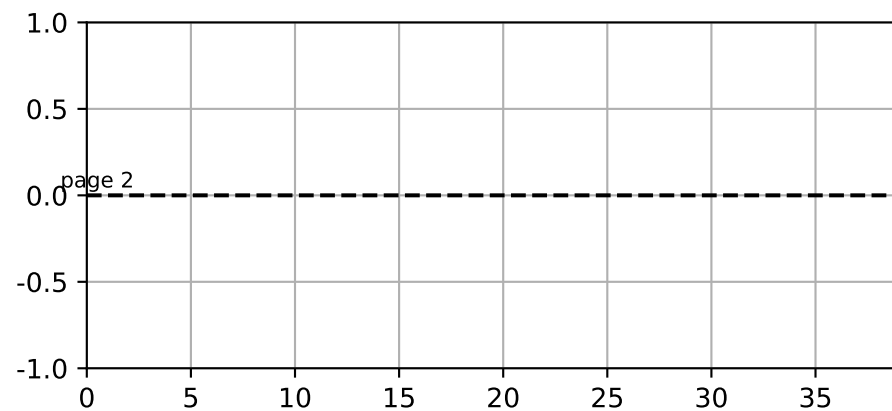
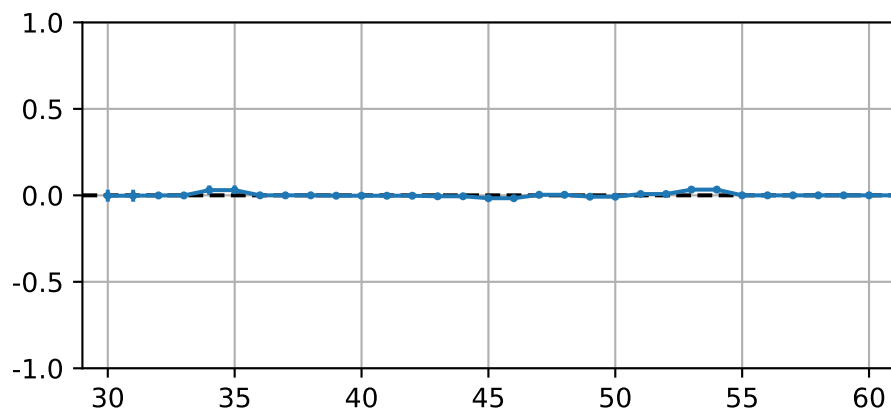
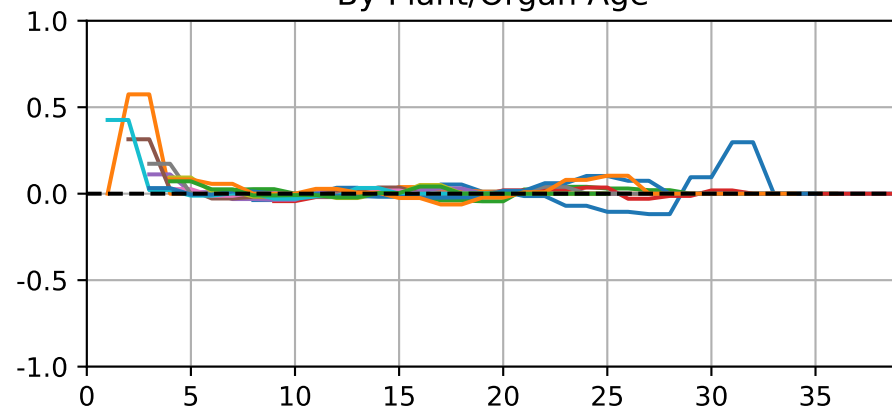




By Start Date

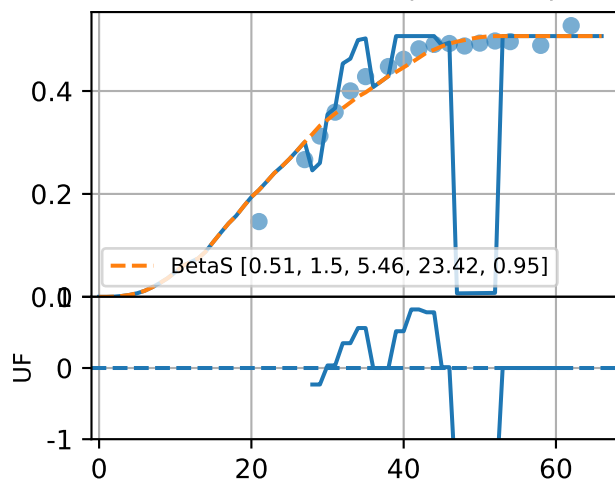


By Plant/Organ Age

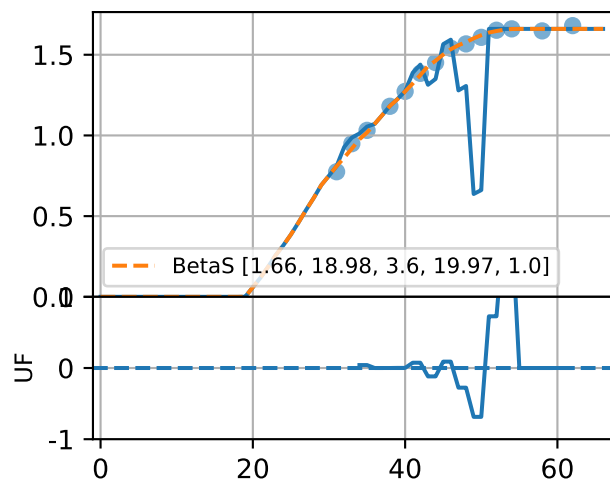




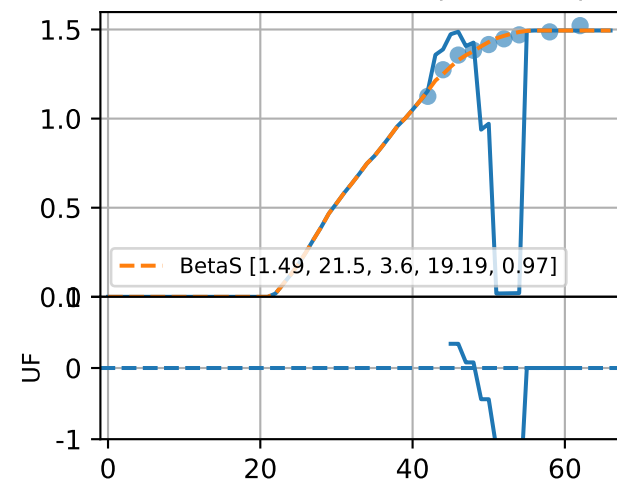
P10AE-076-5L7 (fit failed)



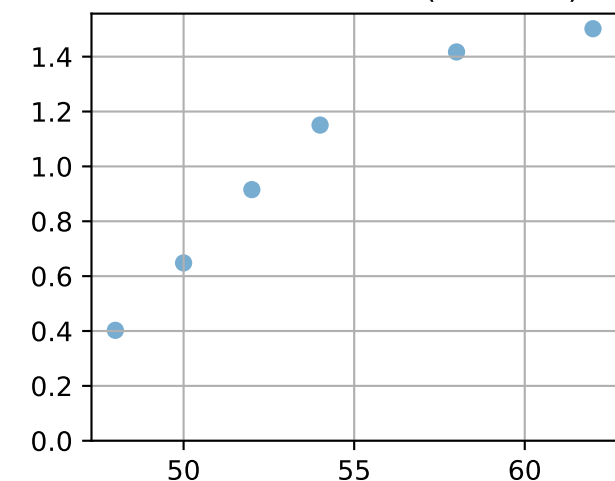
P10AE-LfA-089-22L10



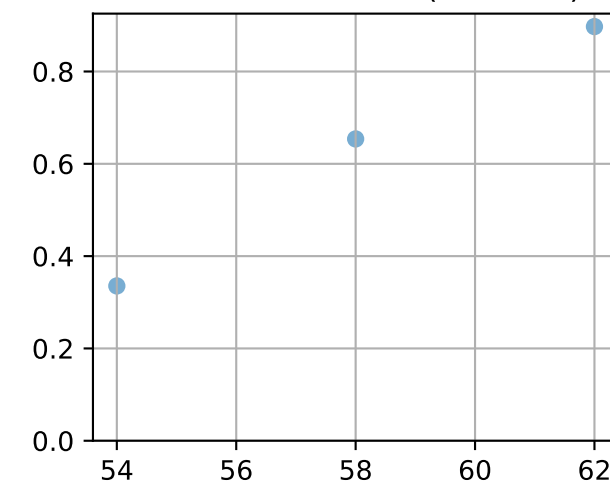
P10AE-089-22L13 (fit failed)



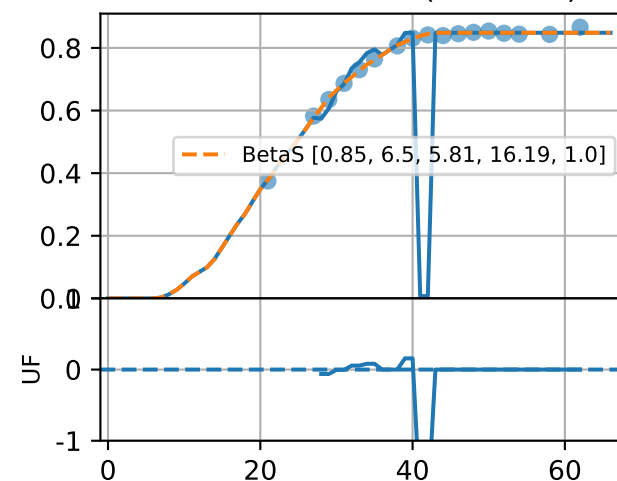
P10AE-089-22L16 (fit failed)



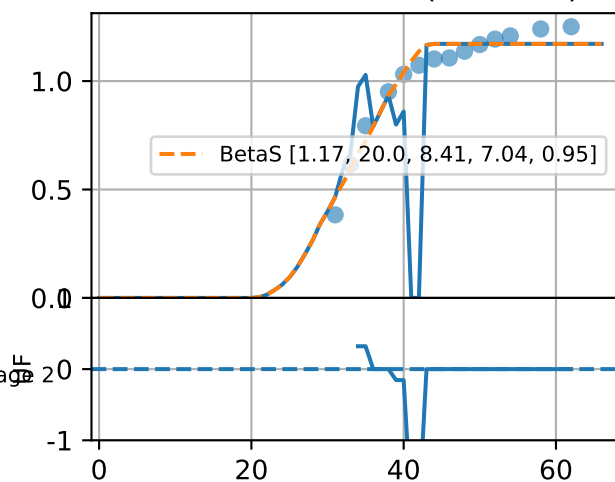
P10AE-089-22L19 (fit failed)



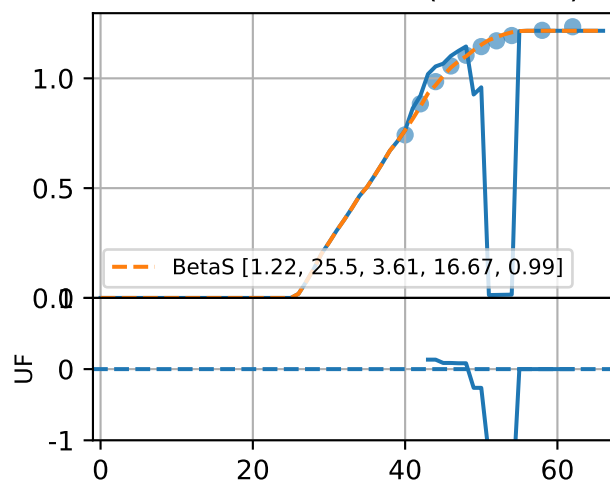
P10AE-089-22L7 (fit failed)



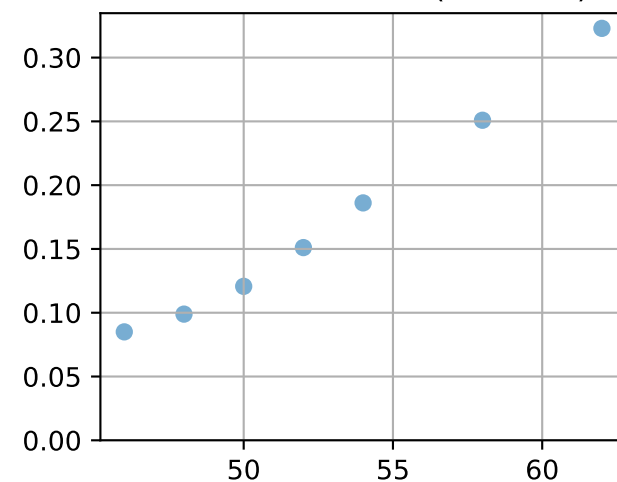
P10AE-103-17L10 (fit failed)



P10AE-103-17L14 (fit failed)

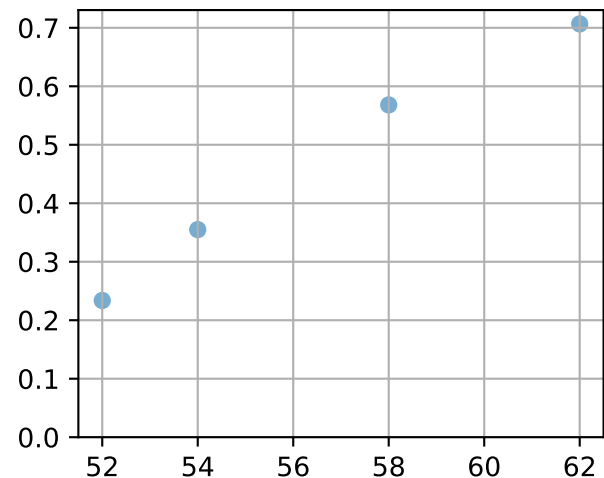


P10AE-103-17L16 (fit failed)

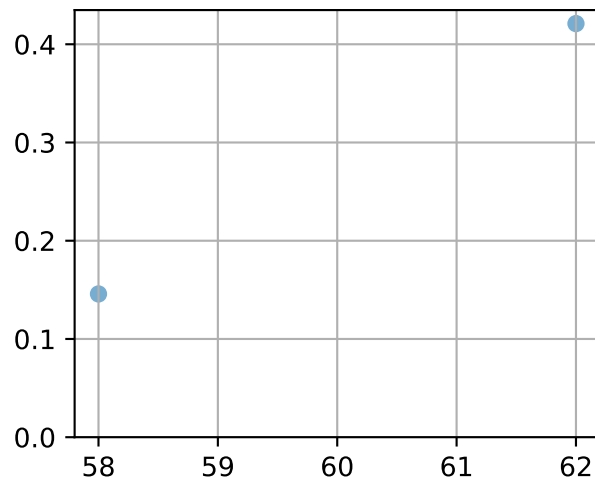


LA

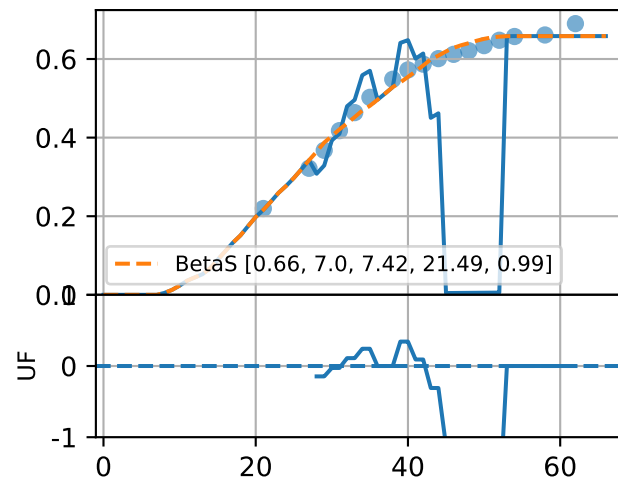
P10AE-103-17L19 (fit failed)



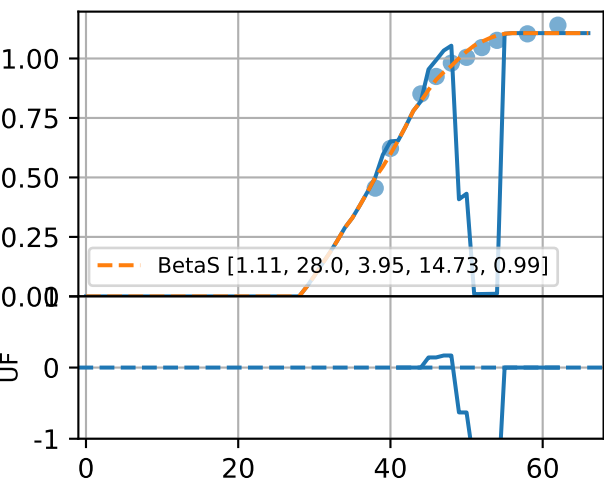
P10AE-103-17L21 (fit failed)



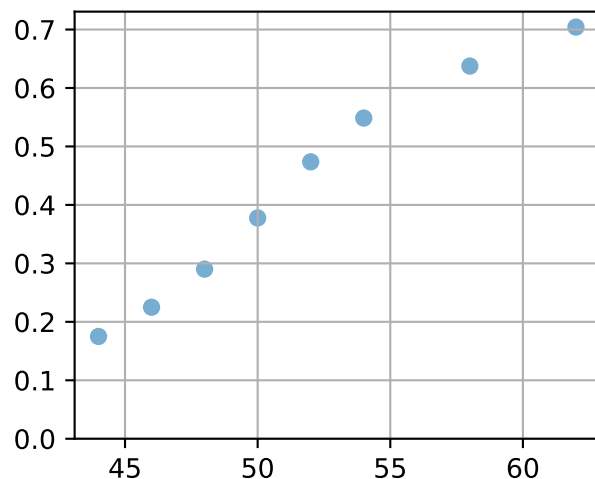
P10AE-103-17L7 (fit failed)



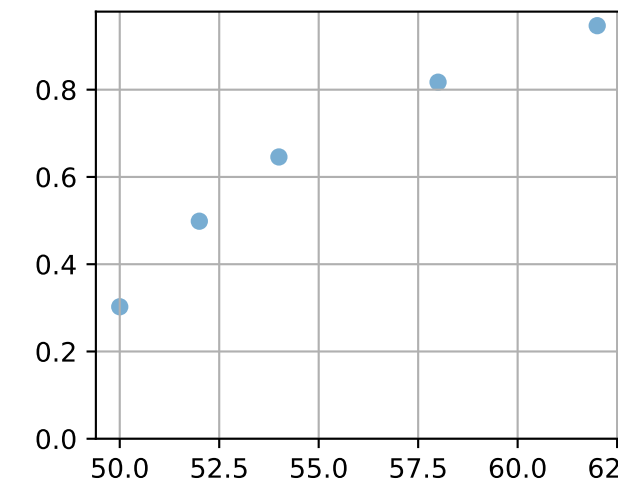
P10AE-116-21L12 (fit failed)



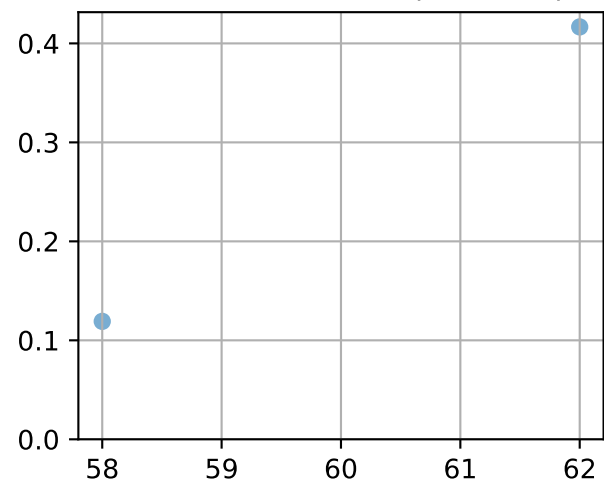
P10AE-116-21L15 (fit failed)



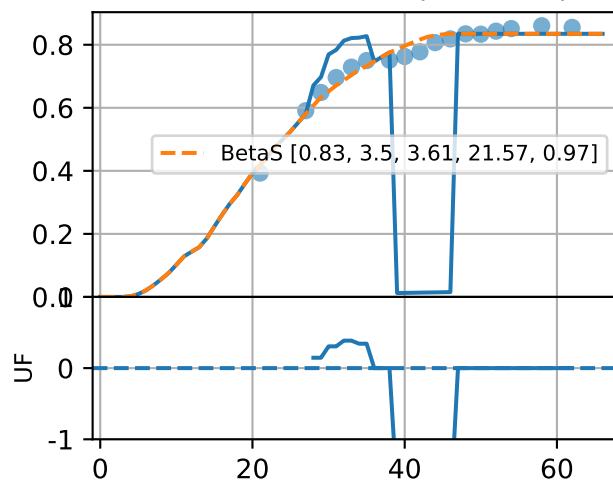
P10AE-116-21L18 (fit failed)



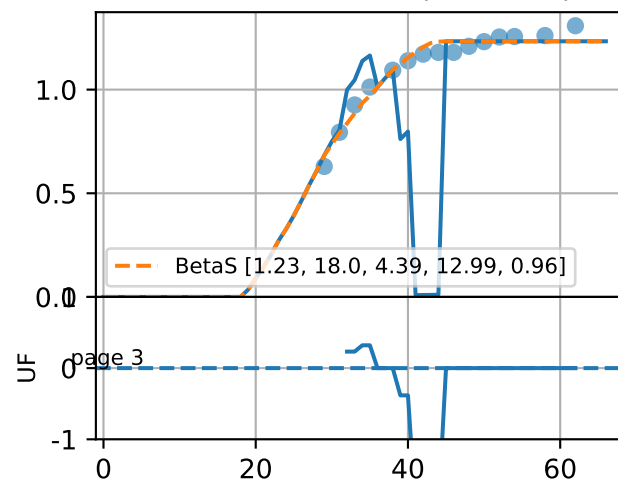
P10AE-116-21L21 (fit failed)

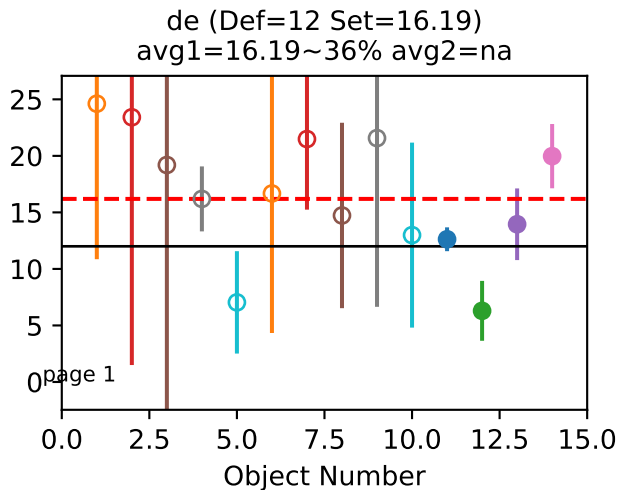
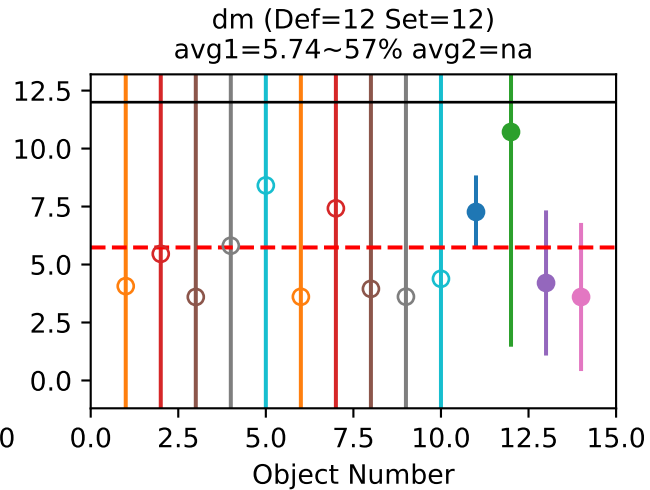
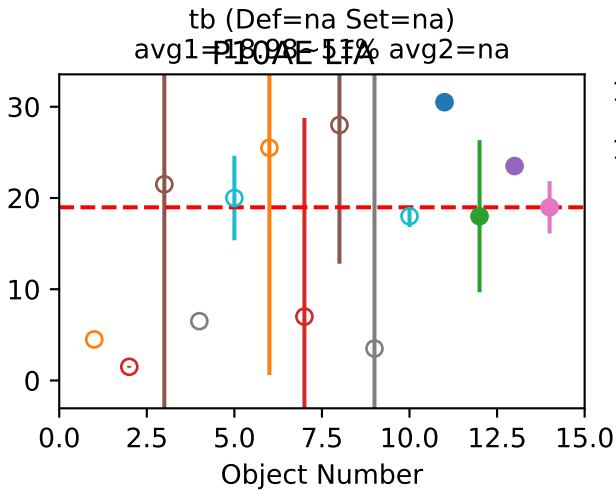
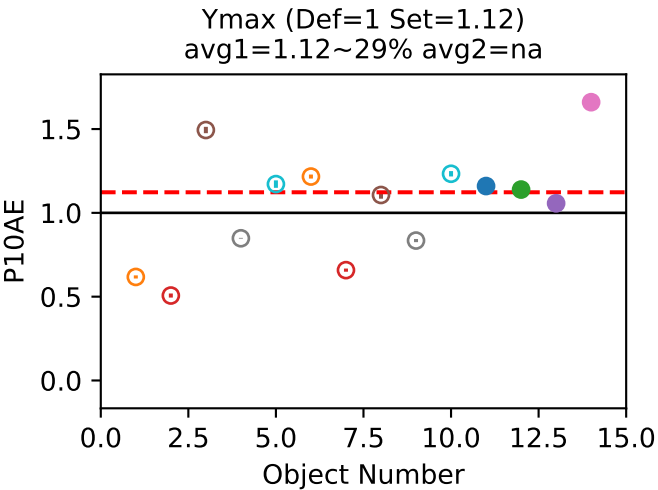


P10AE-116-21L6 (fit failed)

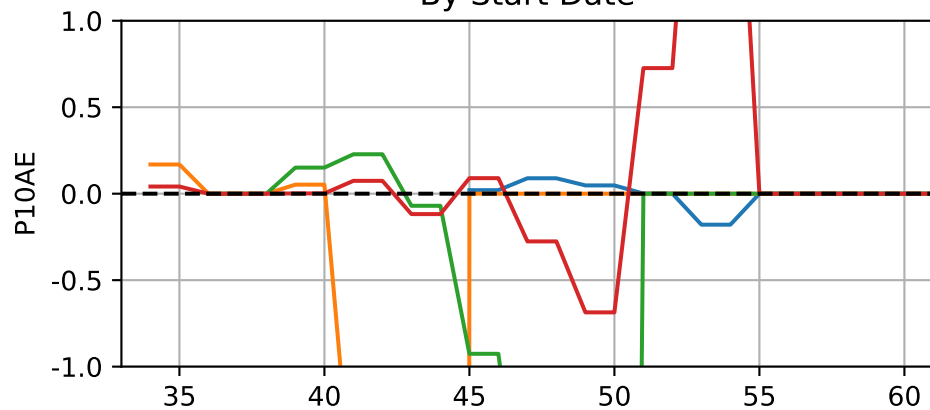


P10AE-116-21L9 (fit failed)

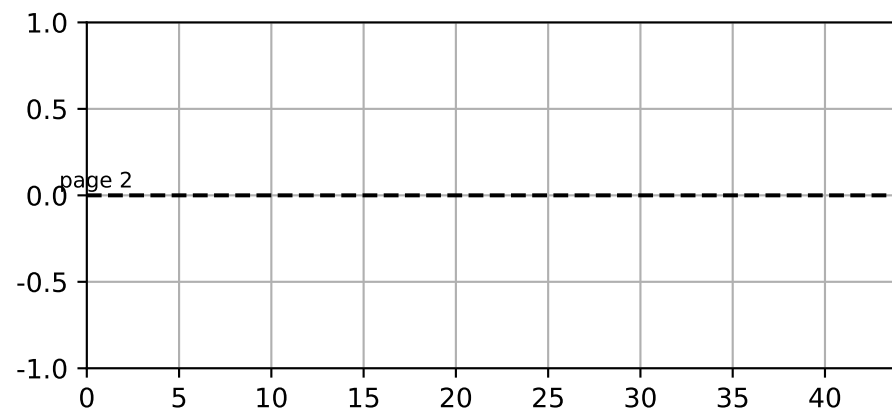
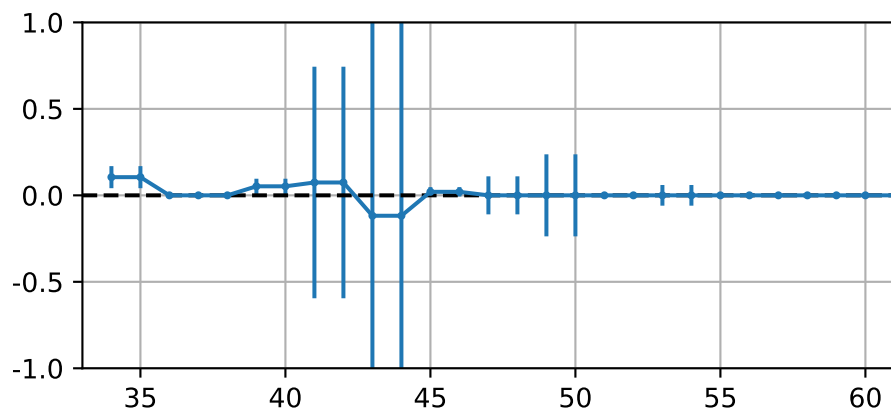
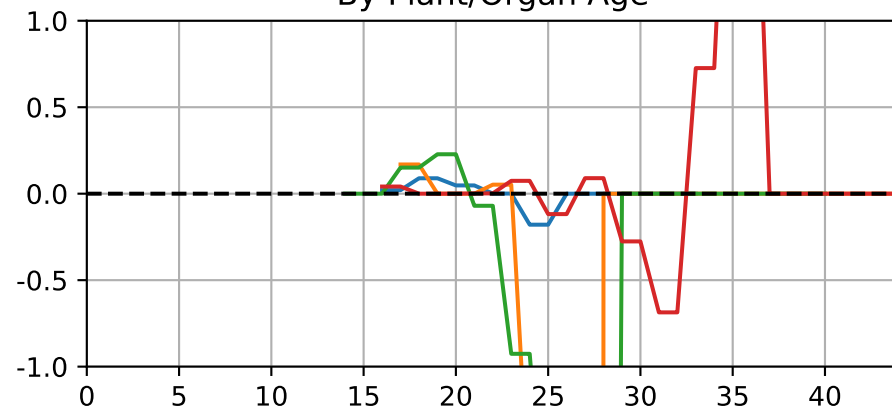




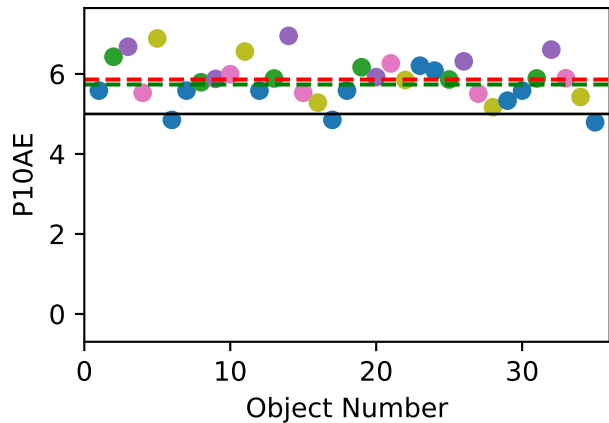
By Start Date



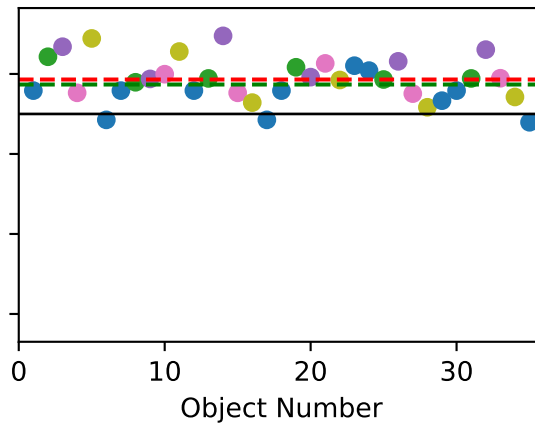
By Plant/Organ Age



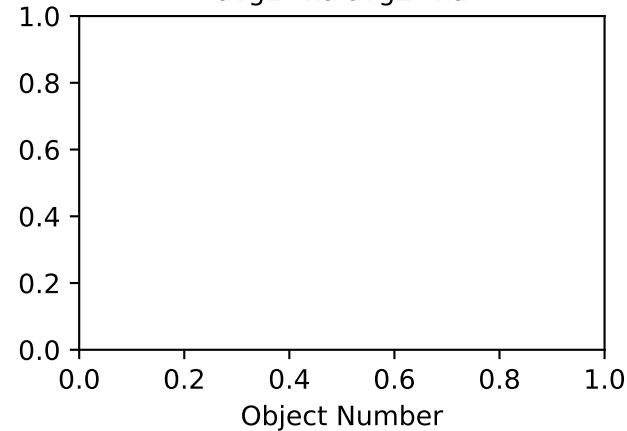
FI_dm (Def=5 Set=5.86)
avg1=5.86~9% avg2=5.74~4%



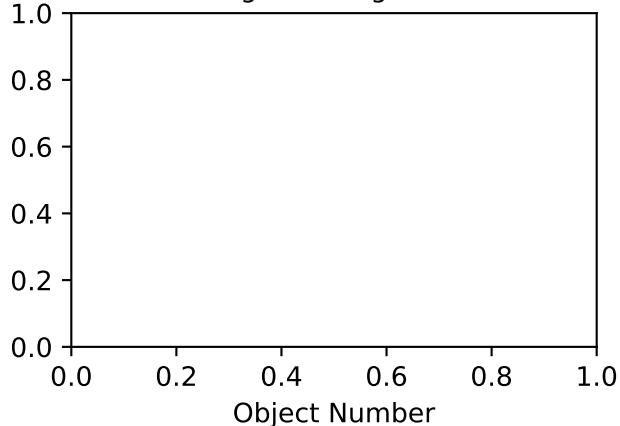
FI_de (Def=5 Set=5.86)
avg1=5.86~9% avg2=5.74~4%



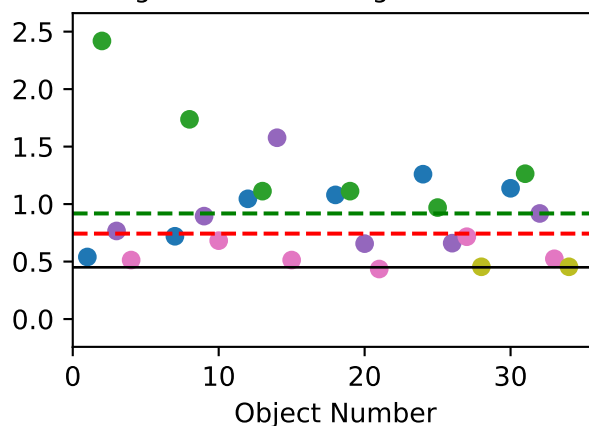
FrV_dm (Def=18 Set=13.45)
avg1=na avg2=na



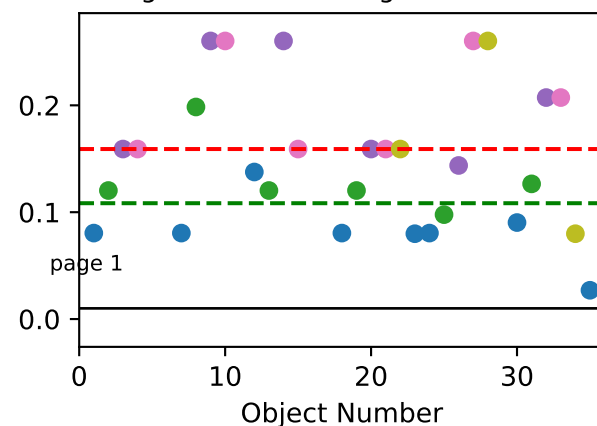
FrV_de (Def=15 Set=10.73)
avg1=na avg2=na



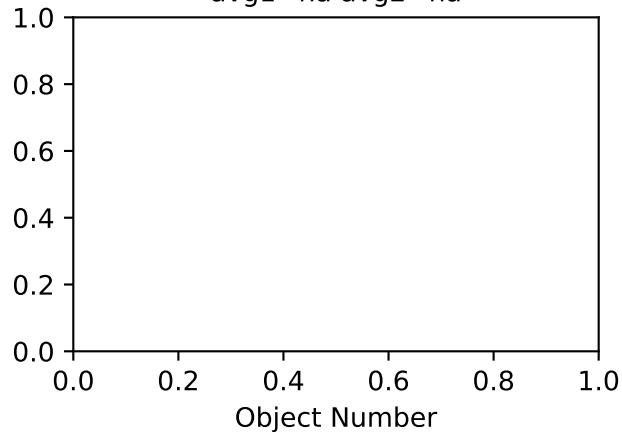
FrN_a (Def=0.45 Set=0.74)
avg1=0.74~49% avg2=0.92~39%



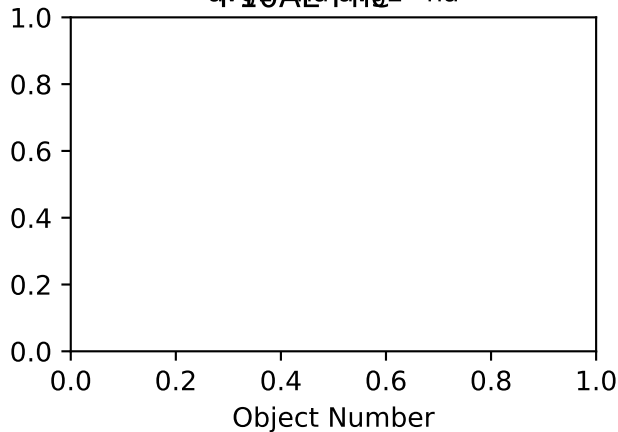
FSDdevStage (Def=0.01 Set=0.16)
avg1=0.16~41% avg2=0.11~67%



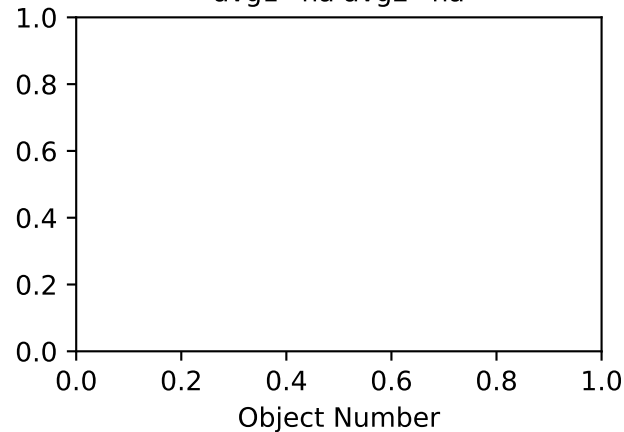
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



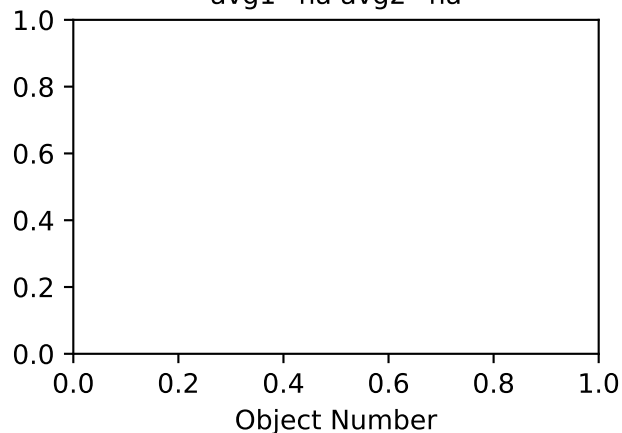
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



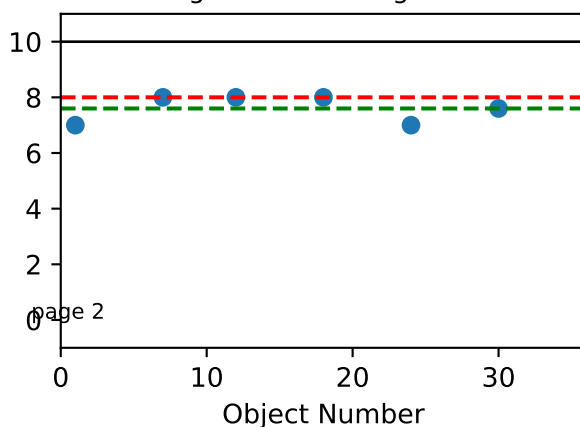
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

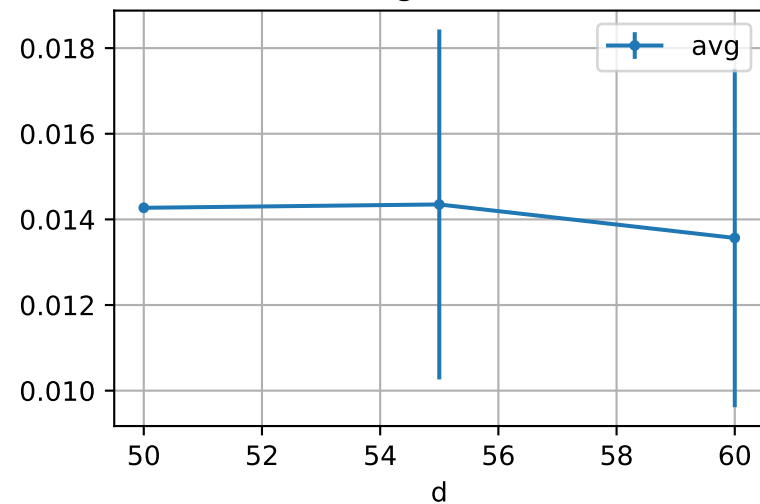


NNgen (Def=10 Set=8)
avg1=8.0~7% avg2=7.6

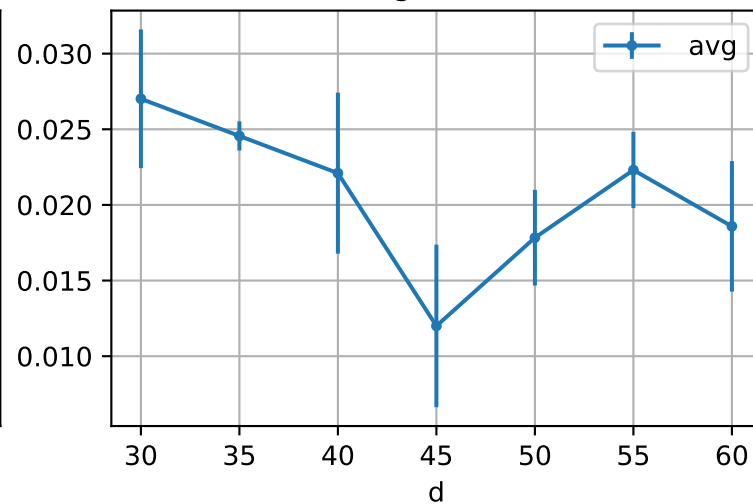


LfA: avg vs. d at each age group

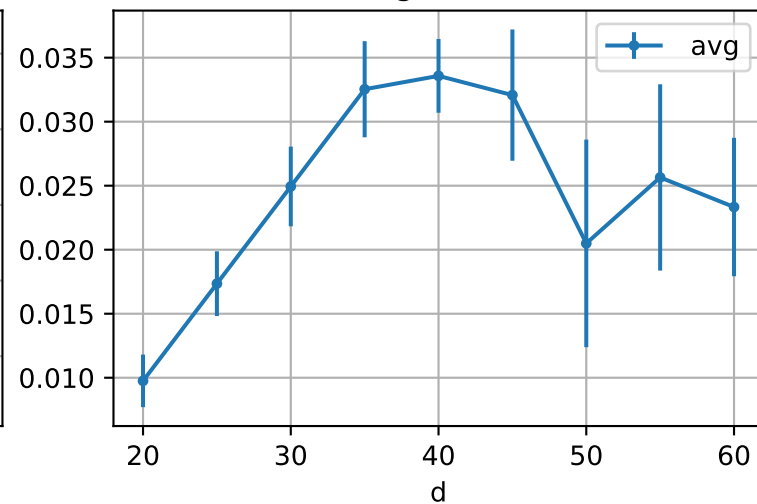
age=15



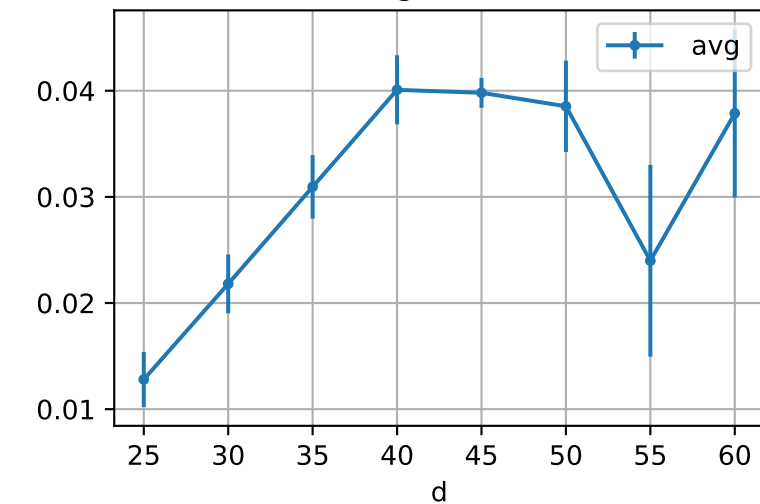
age=20



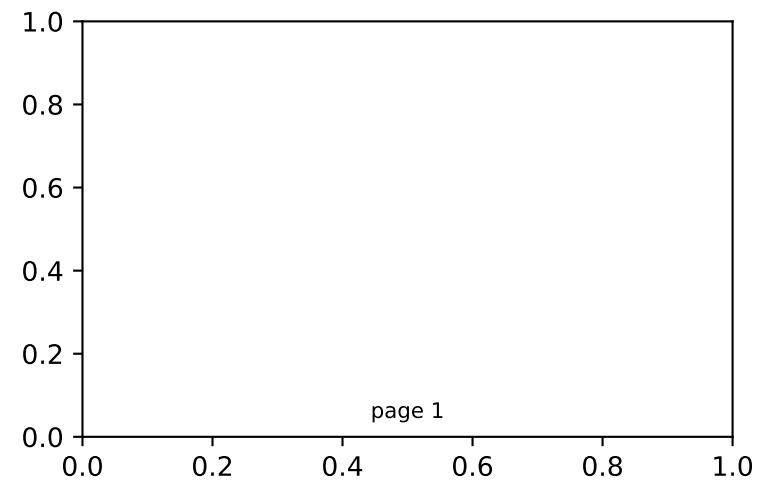
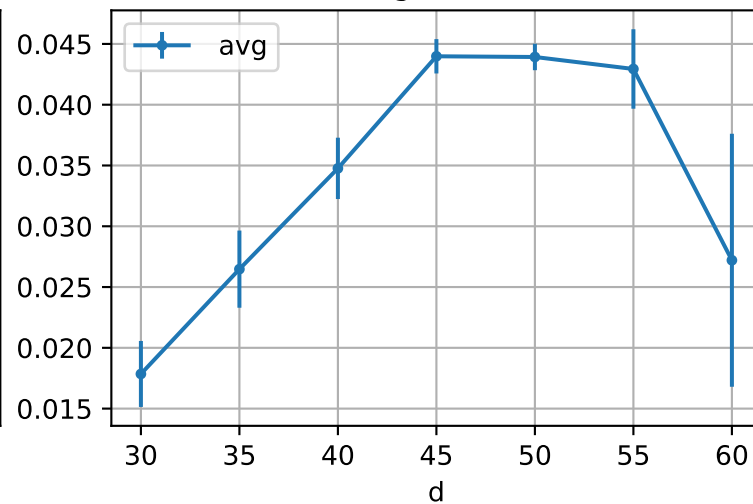
age=25



age=30

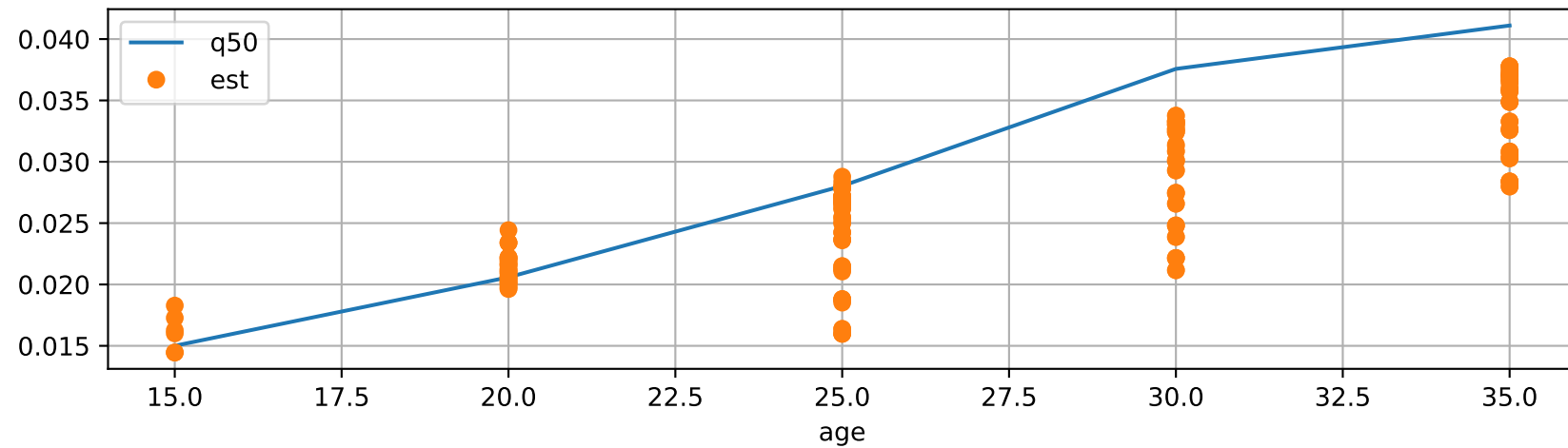


age=35



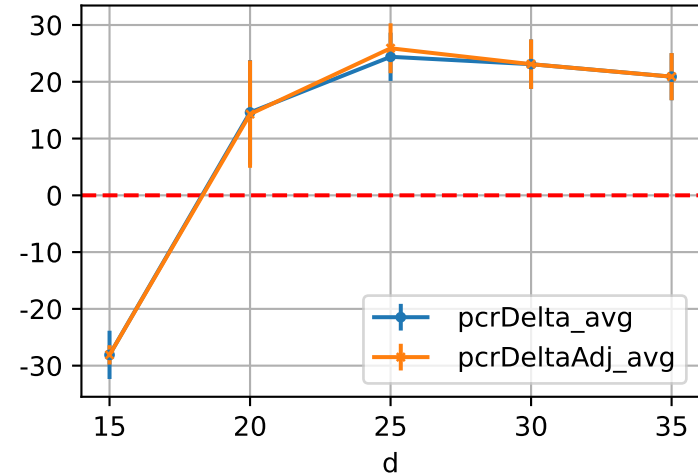
LfA: model est vs obsOv@Q50

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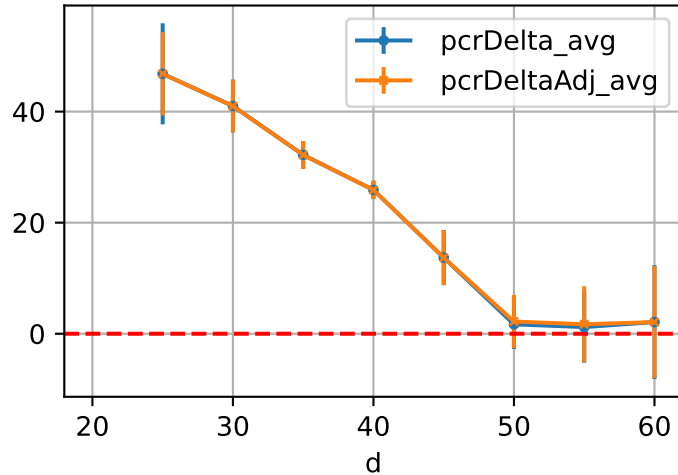


P10AE LfA: D_5d_LfA

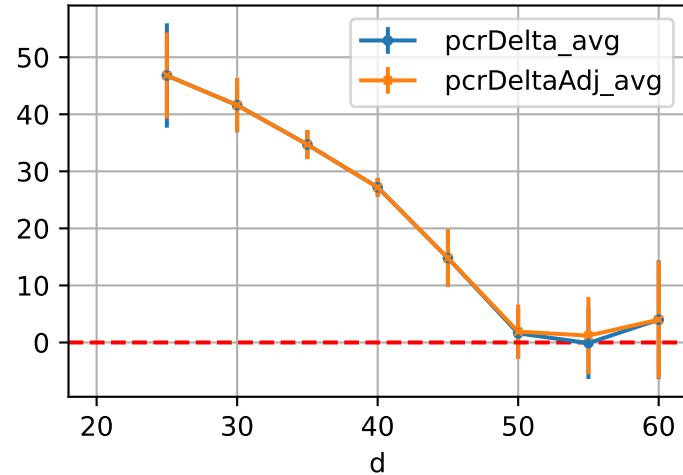
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DeltaTypeAbbr=GrpByDay

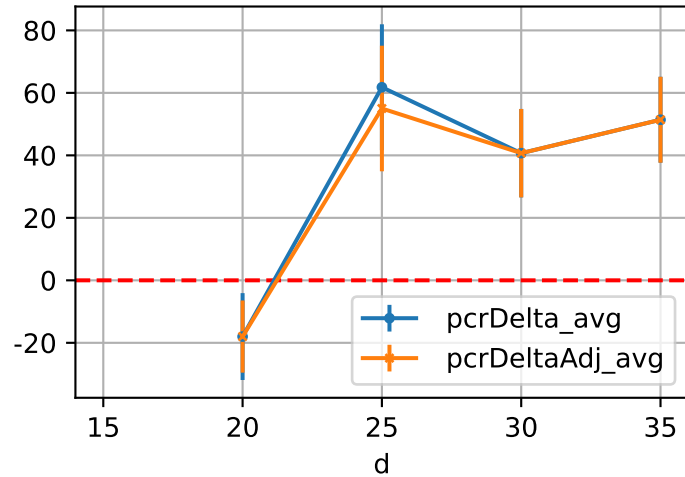


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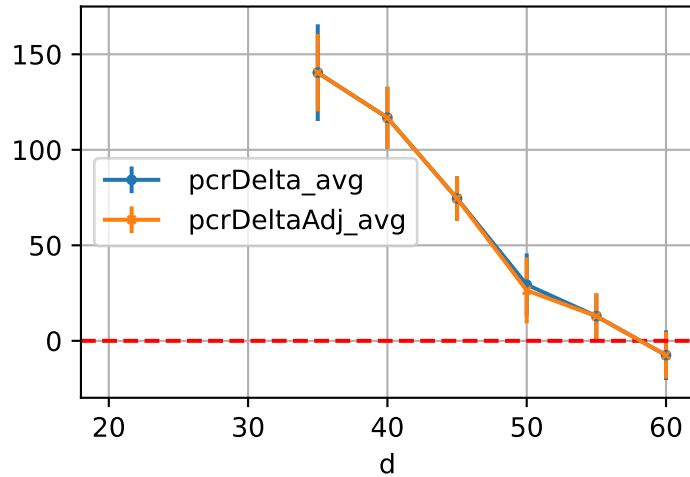


P10AE LfA: D_15d_LfA

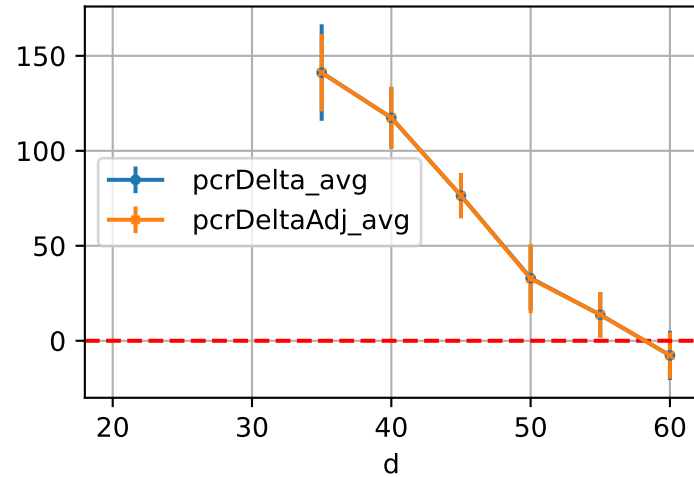
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

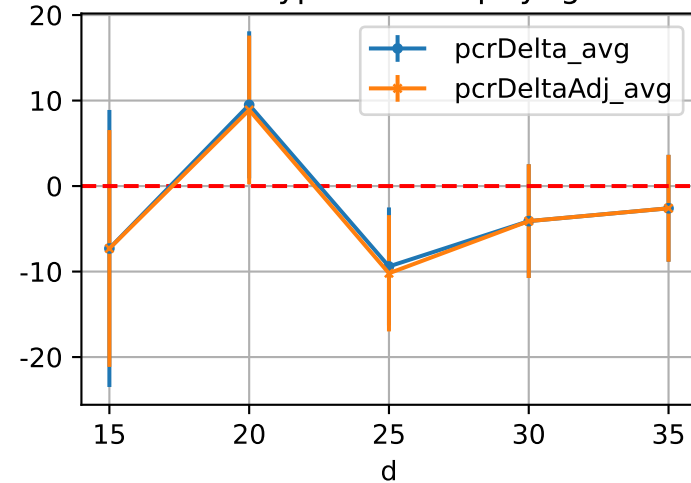


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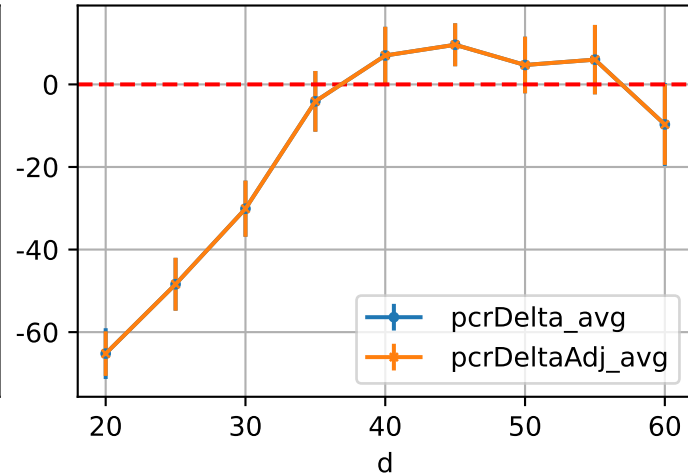


P10AE LfA: D_Q50_LfA

DeltaTypeAbbr=GrpByAge

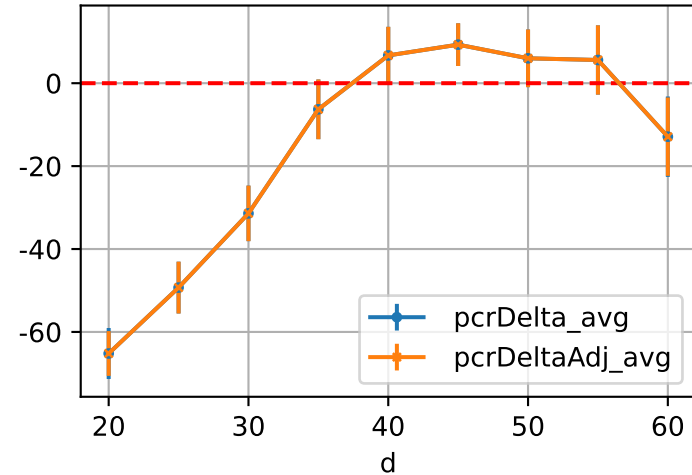


DeltaTypeAbbr=GrpByDay



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DeltaTypeAbbr=WeiAvgByD

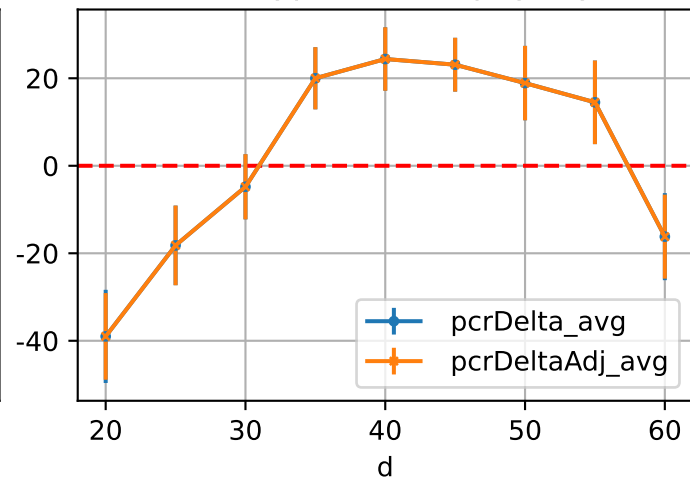
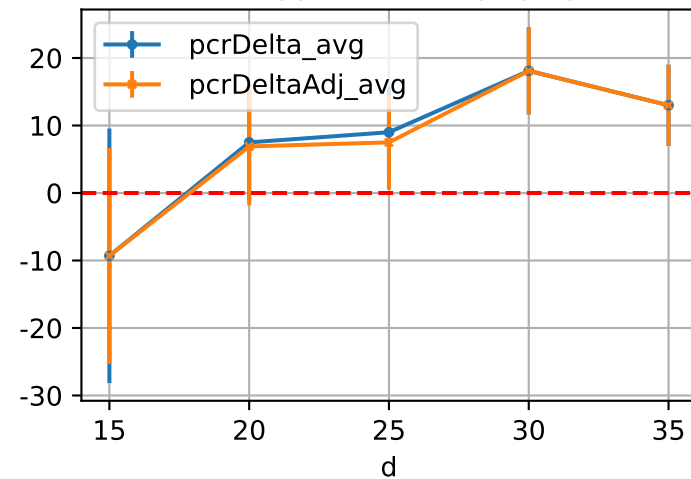


P10AE LfA: D_Est_LfA

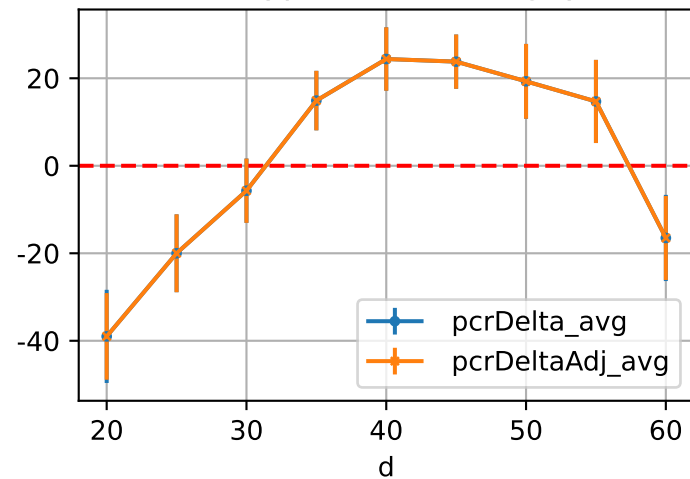
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DeltaTypeAbbr=GrpByDay

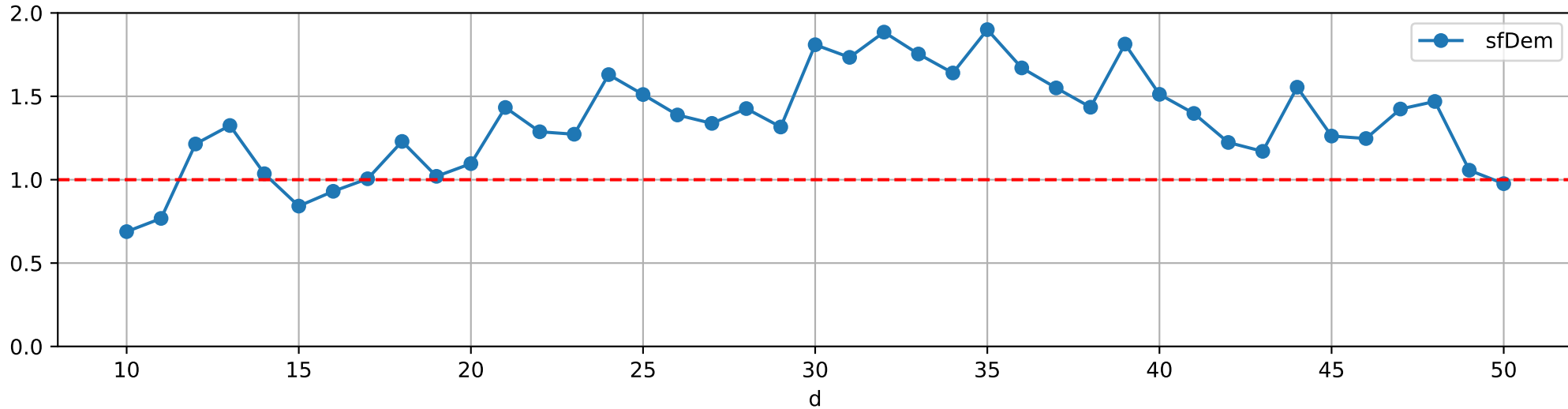
DeltaTypeAbbr=WeiAvgByD

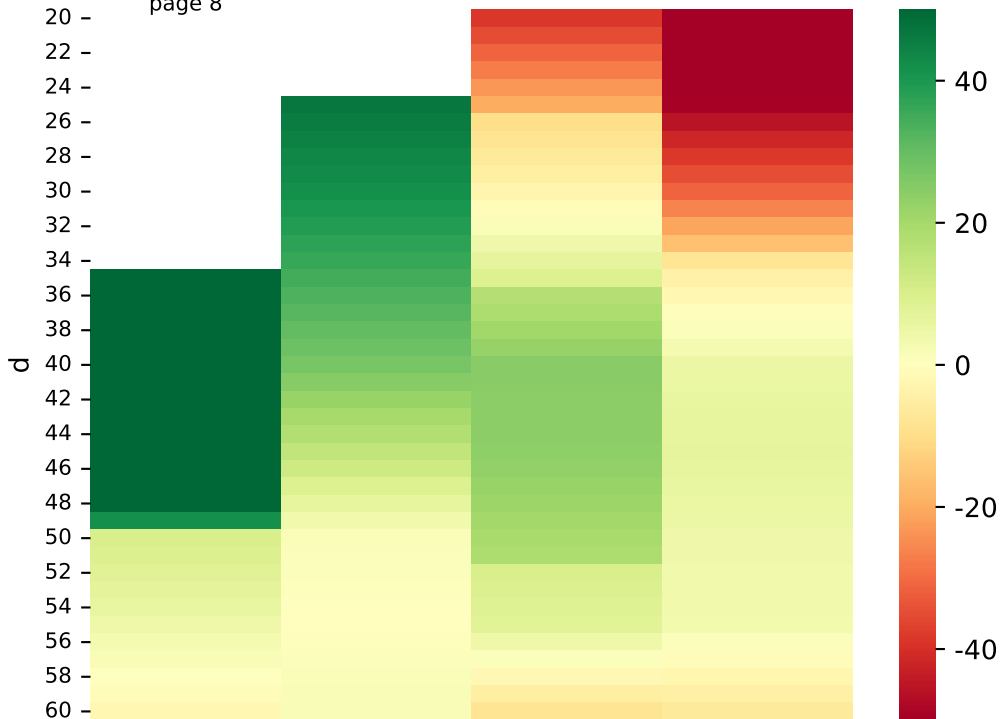


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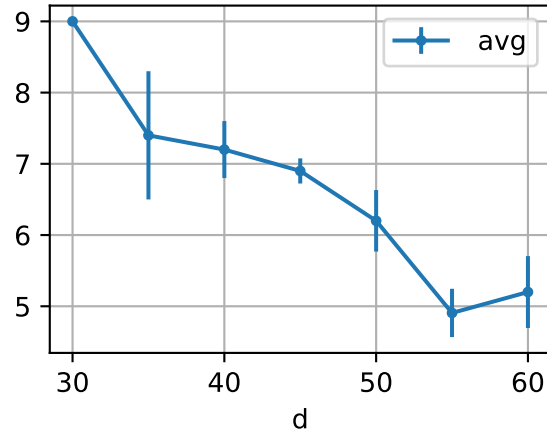
LfA: sfDem



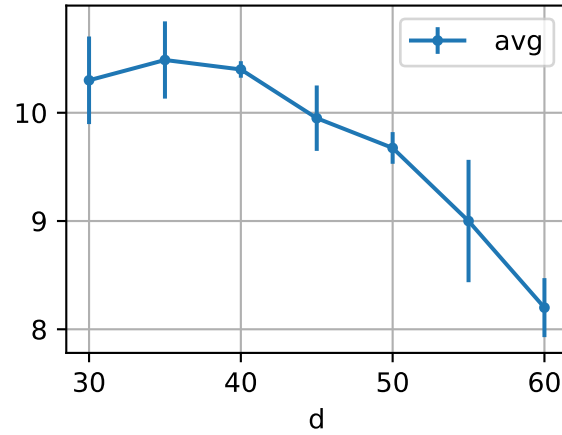


NdD: avg vs. d at each age group

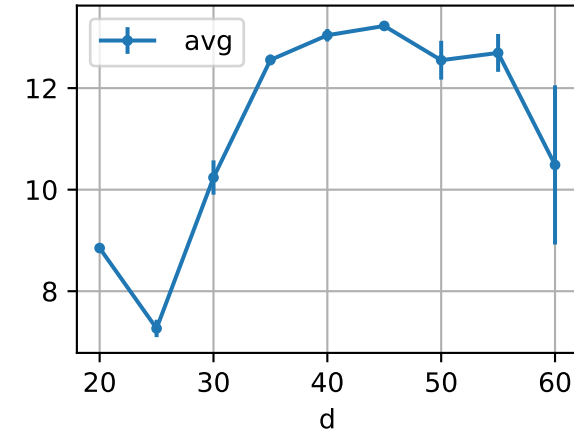
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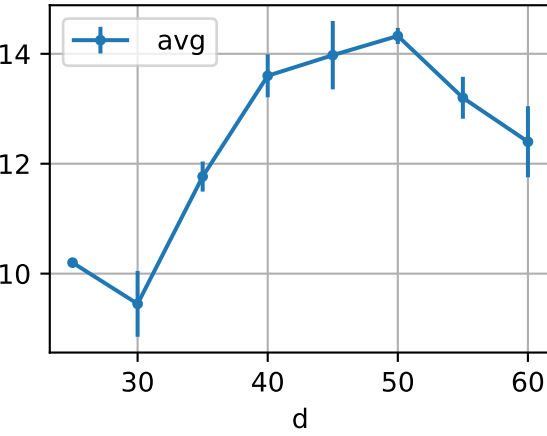
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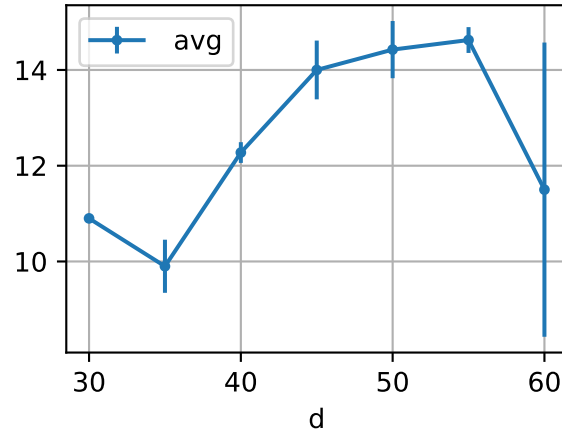
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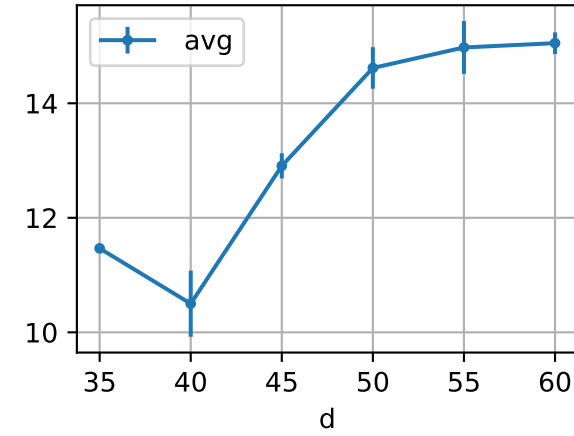
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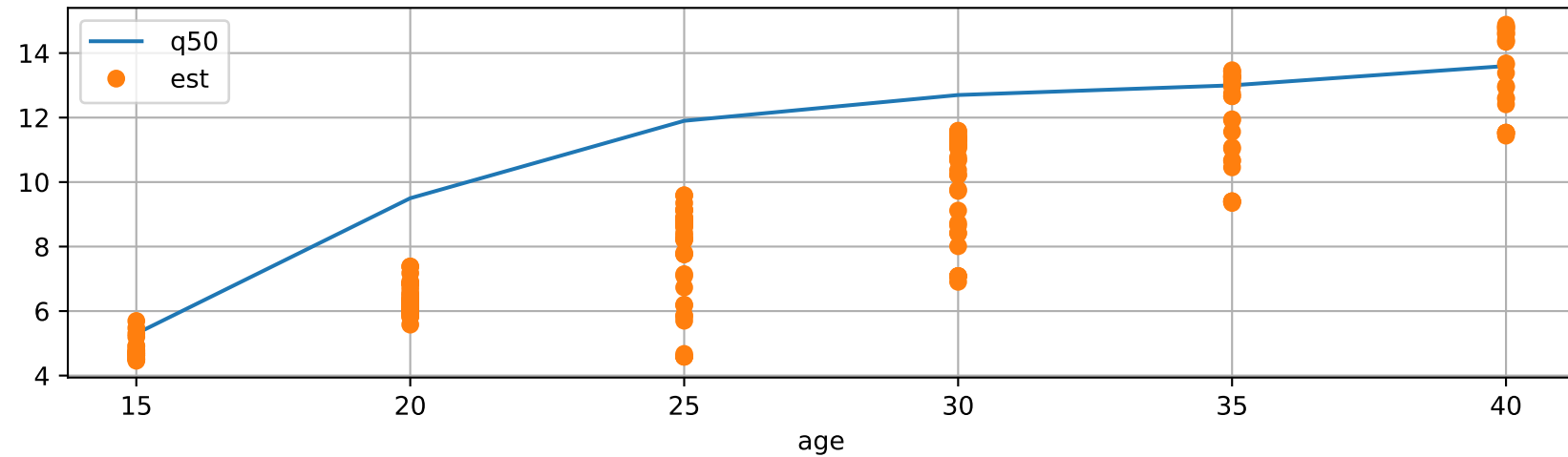
age=35



age=40



NdD: model est vs obsOv@Q50

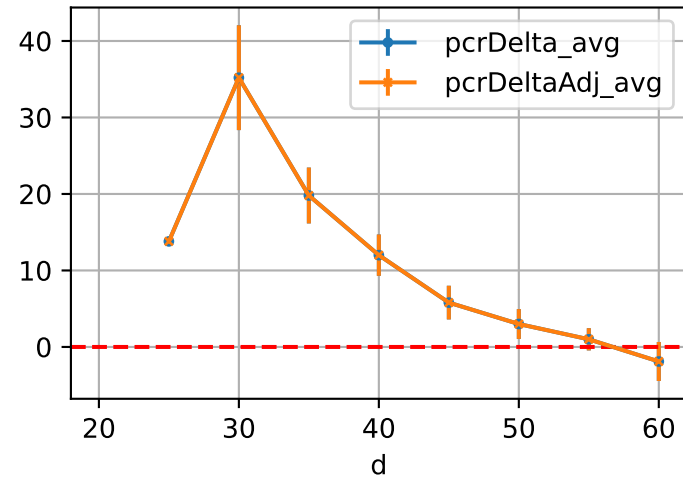
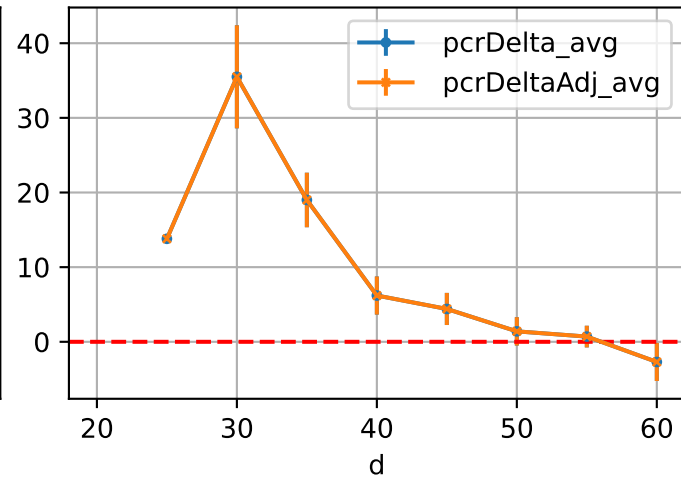
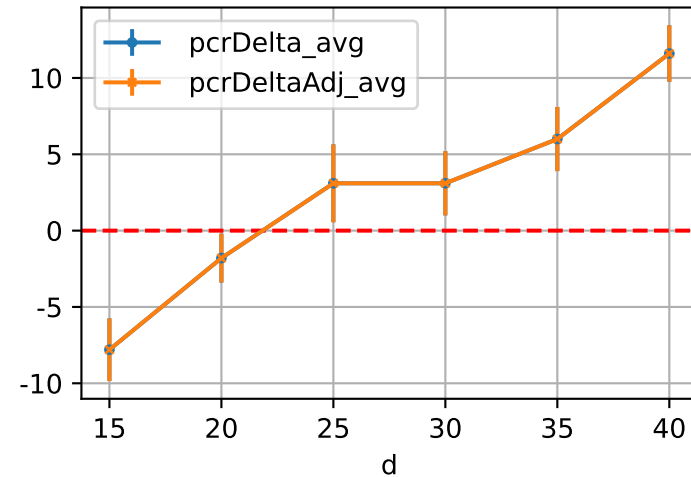


P10AE NdD: D_5d_NdD

DeltaTypeAbbr=GrpByAge

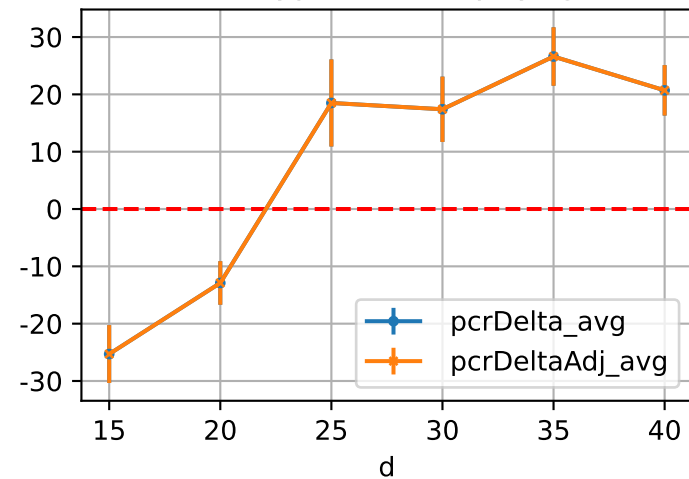
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

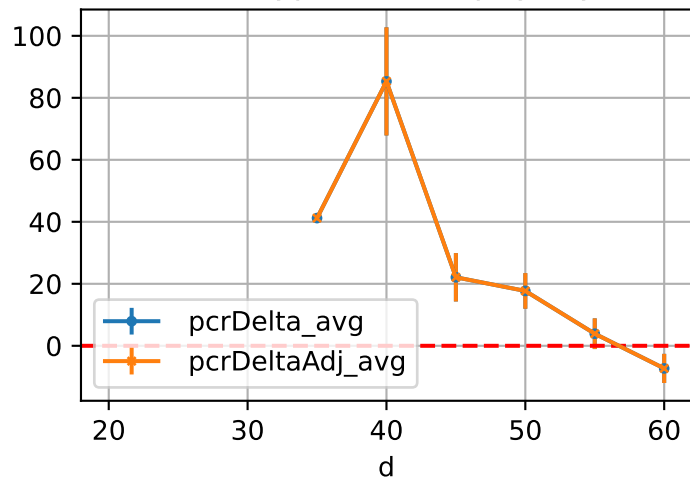


P10AE NdD: D_15d_NdD

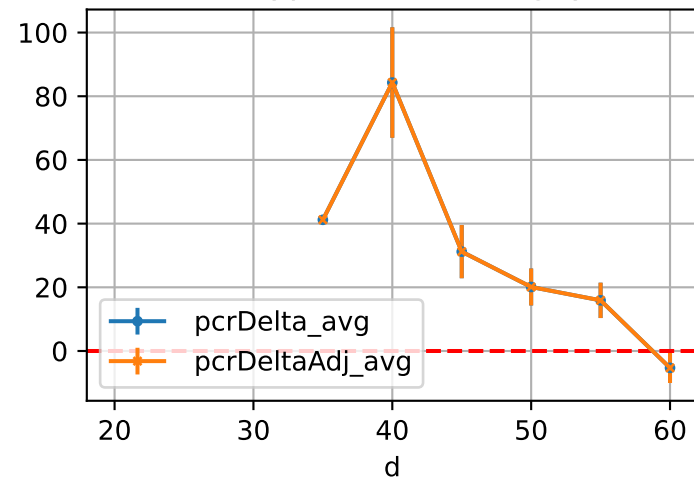
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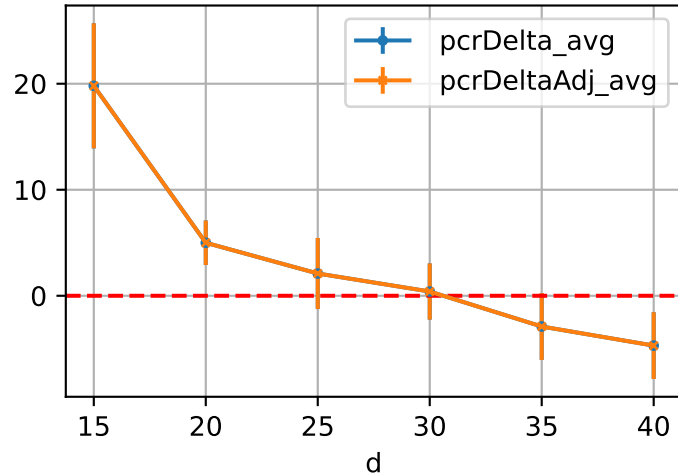
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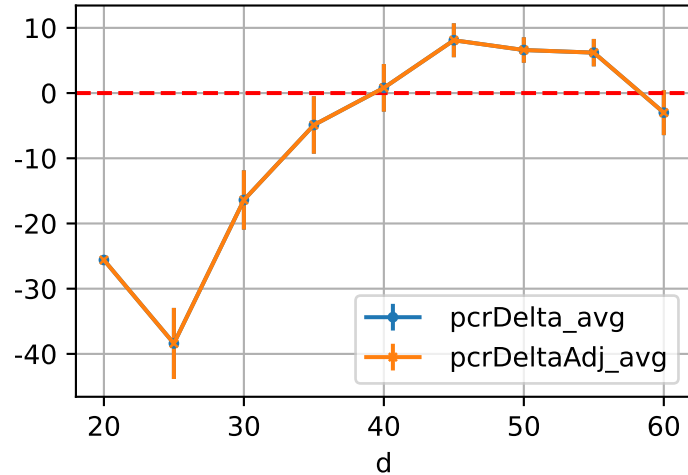
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DeltaTypeAbbr=GrpByAge

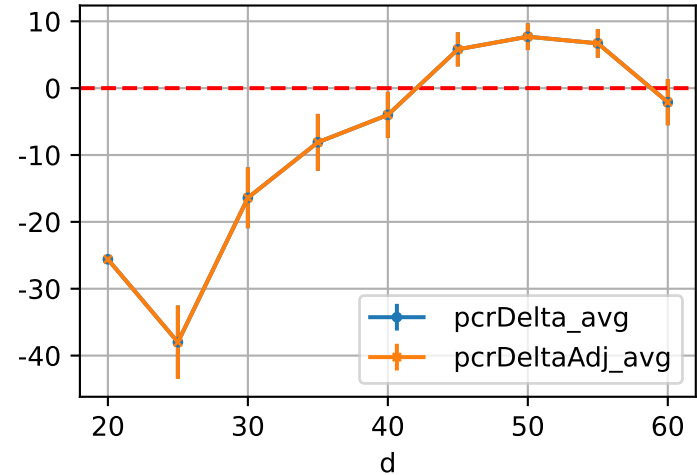


DeltaTypeAbbr=GrpByDay



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DeltaTypeAbbr=WeiAvgByD

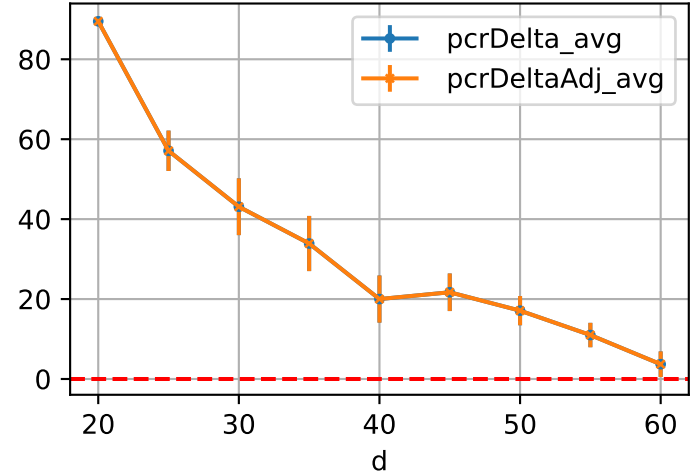
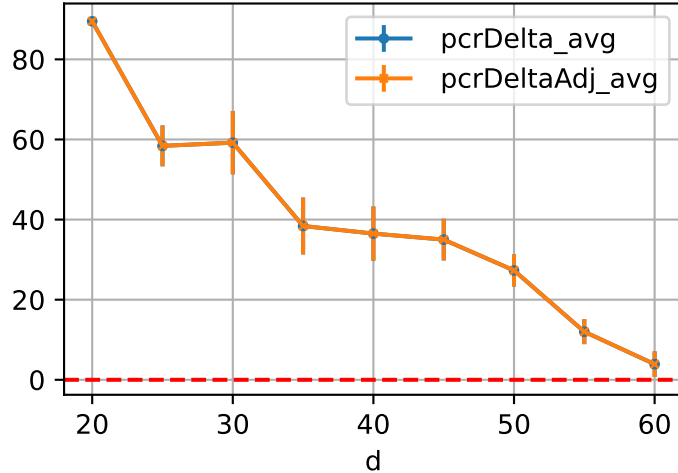
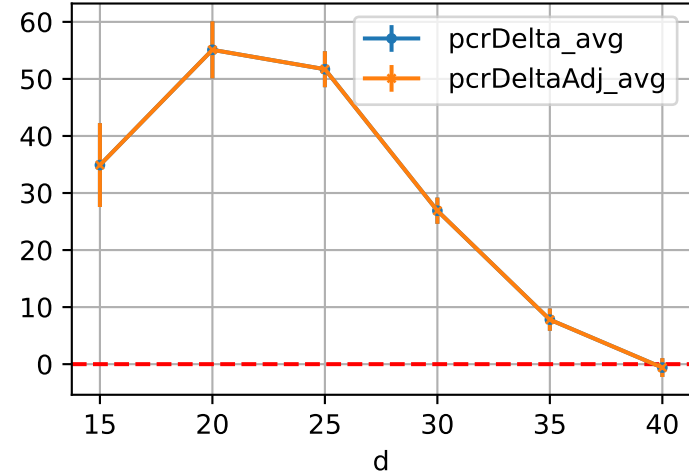


P10AE NdD: D_Est_NdD

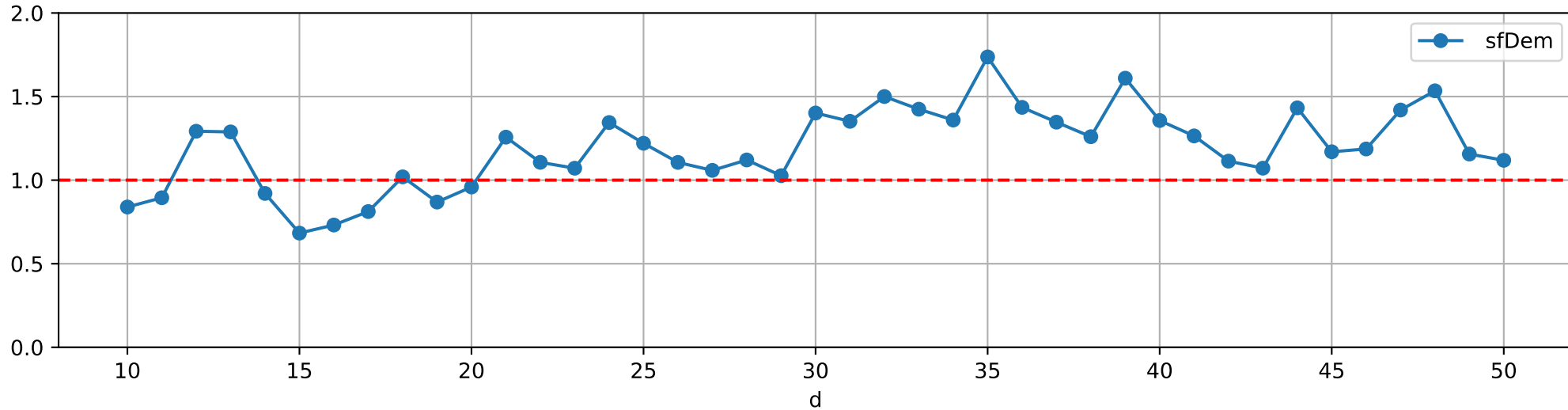
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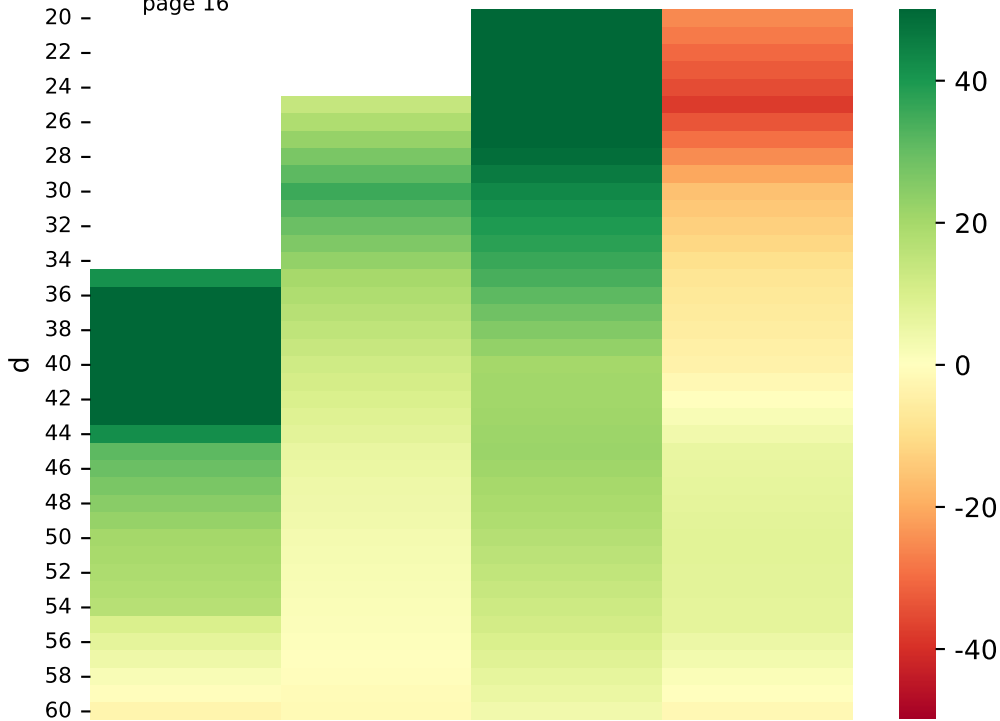
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DeltaTypeAbbr=WeiAvgByD

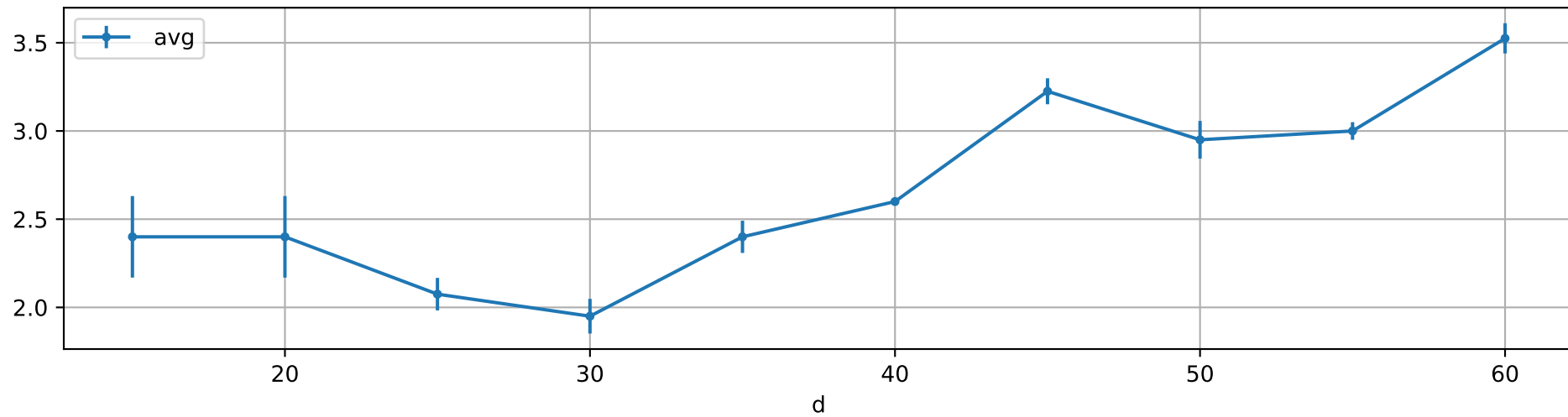


NdD: sfDem

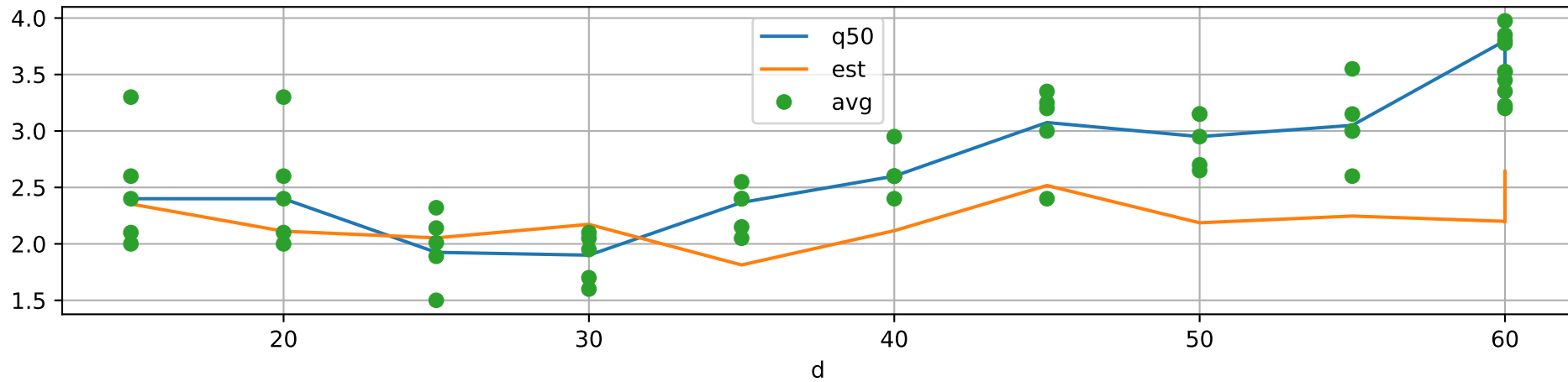




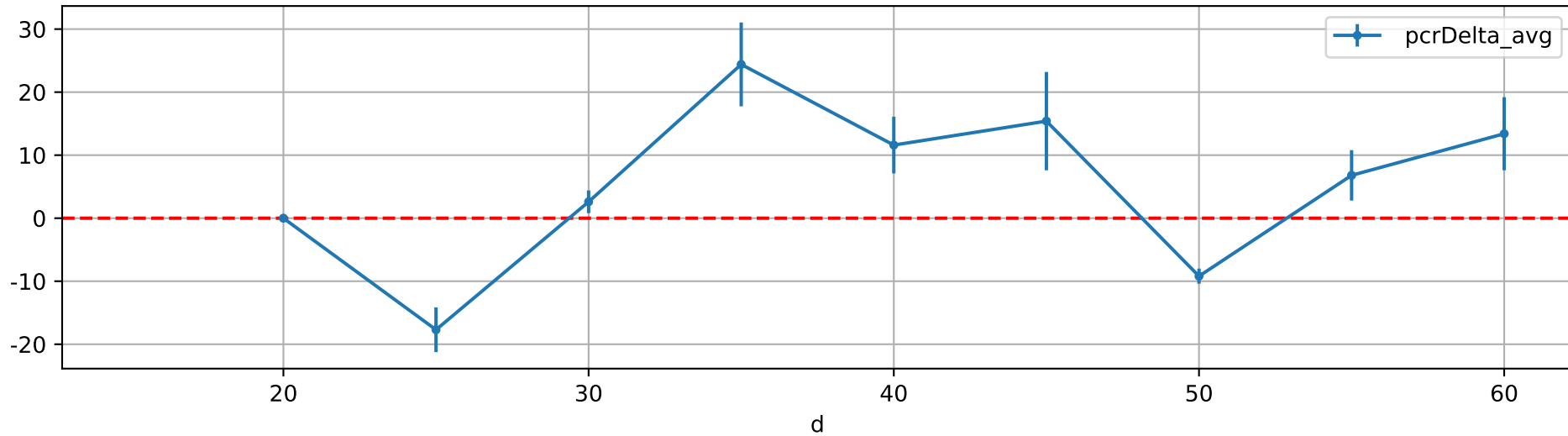
dStH: avg vs. d



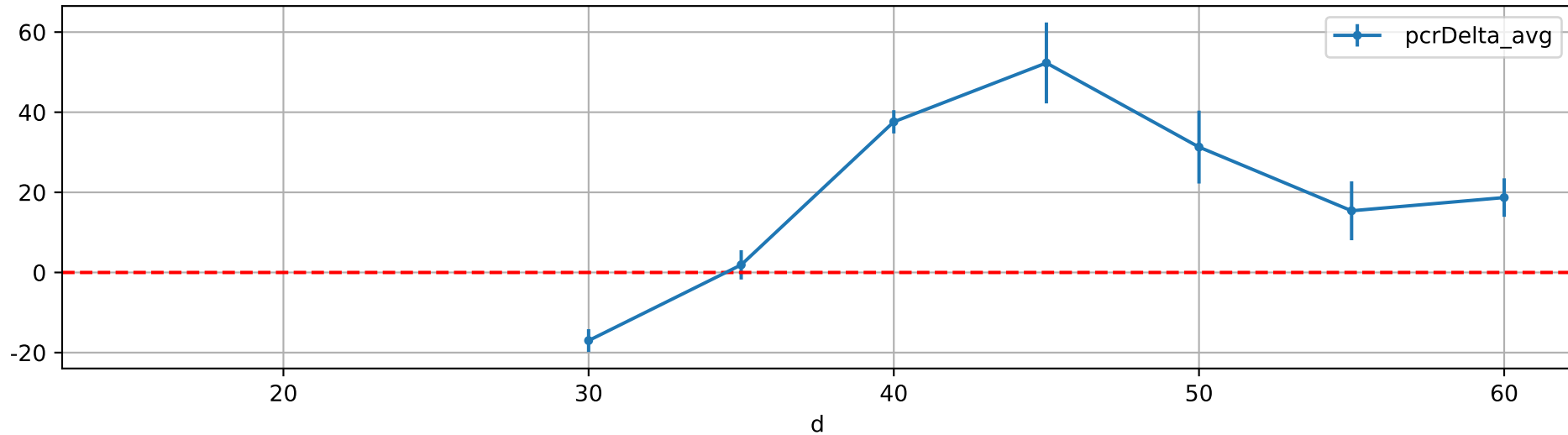
dStH: obsAvg vs obsOv@Q50



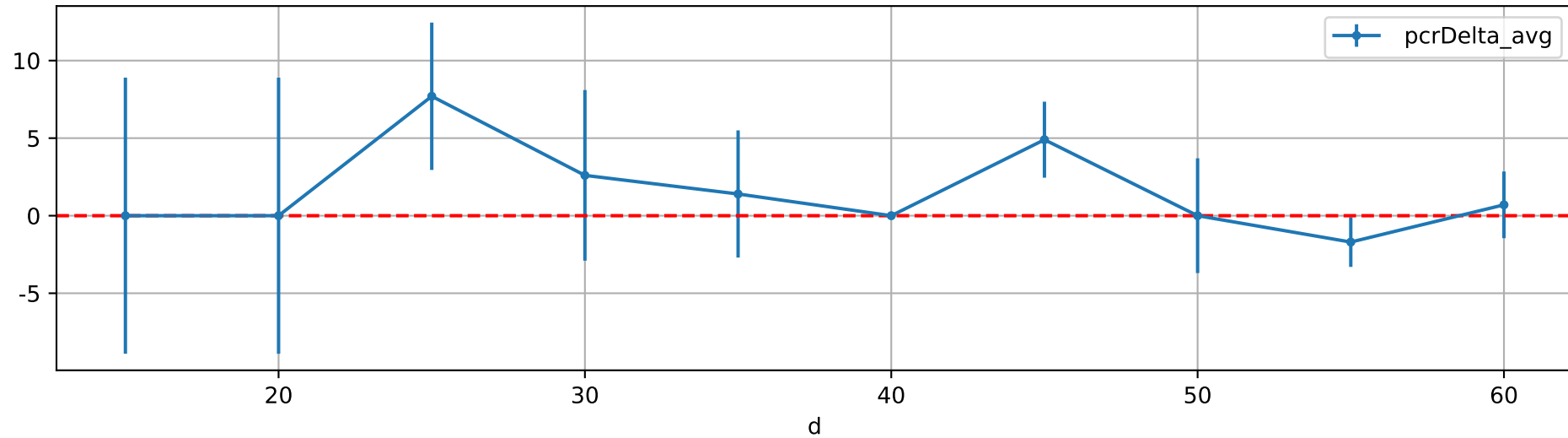
dStH: D_5d_StH



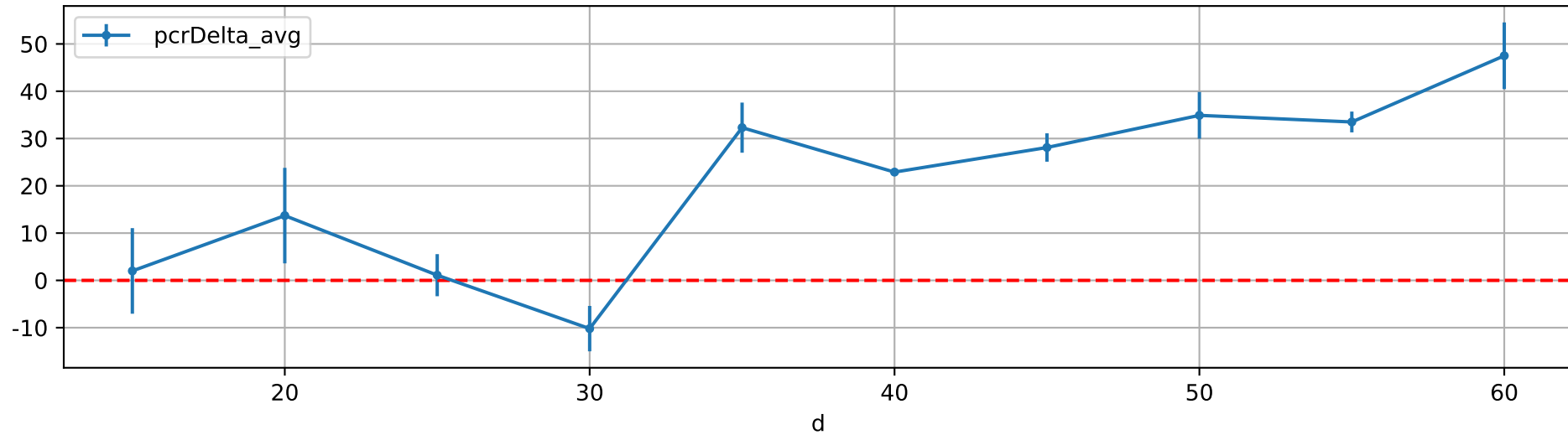
dStH: D_15d_StH



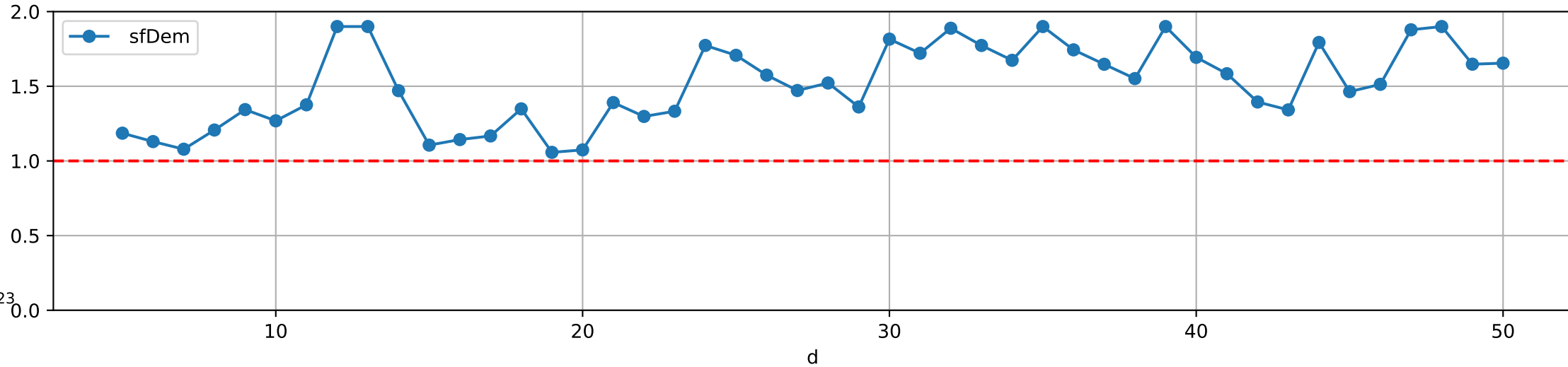
dStH: D_Q50_StH

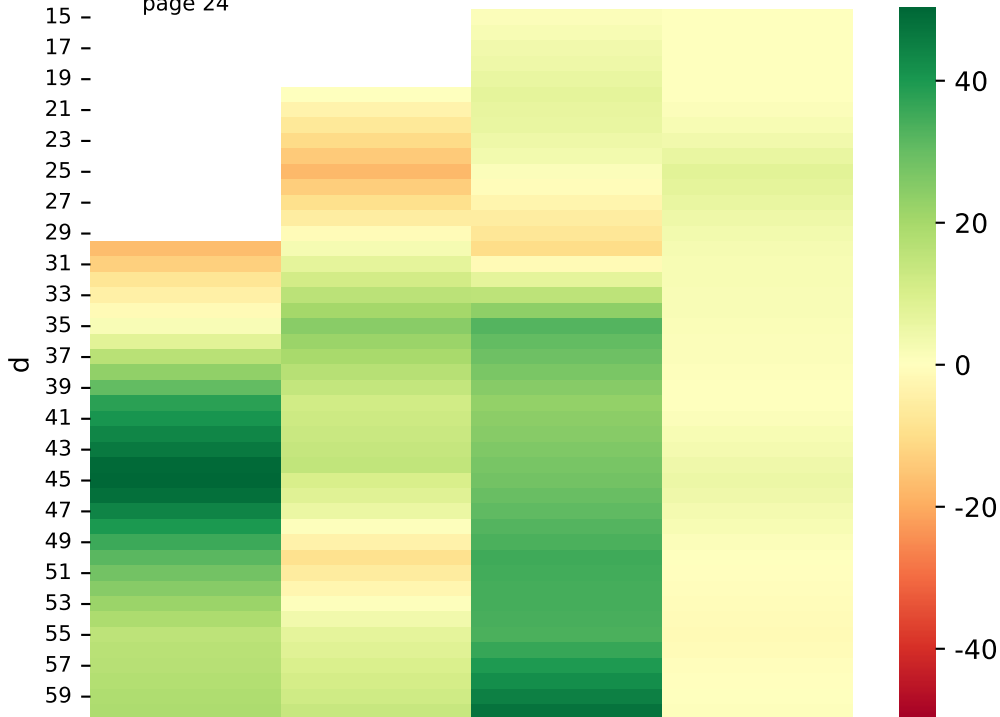


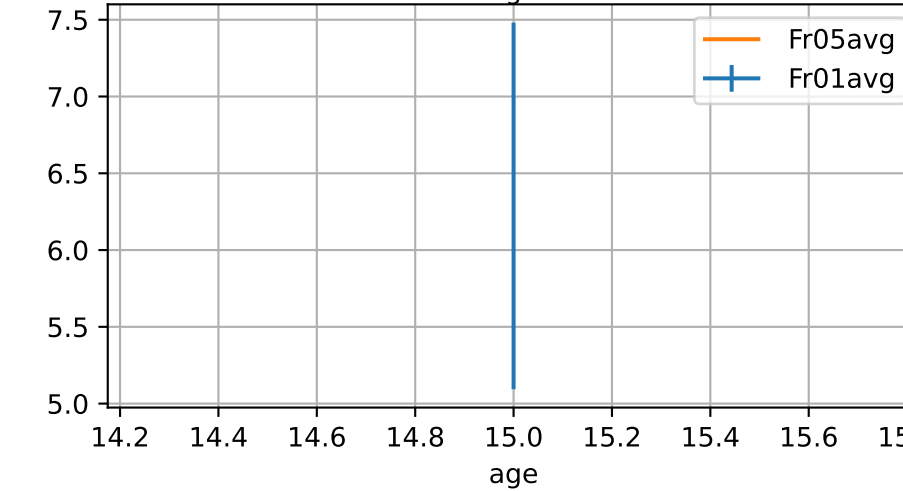
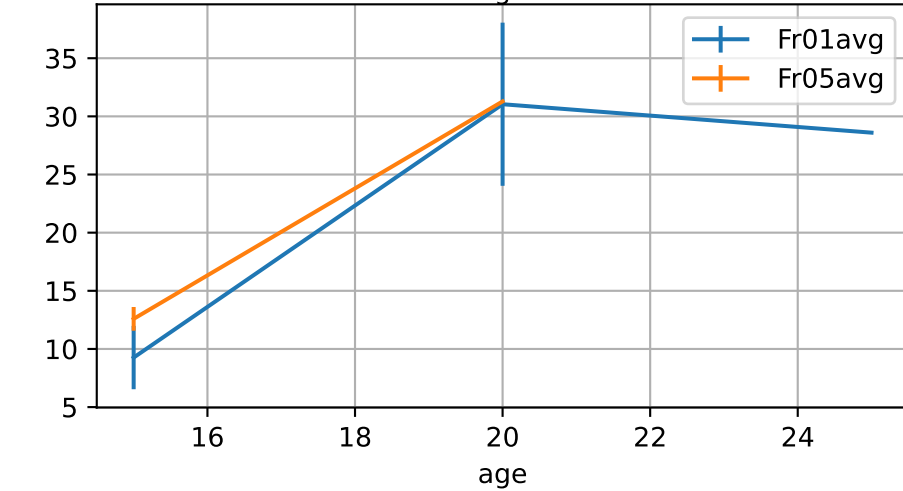
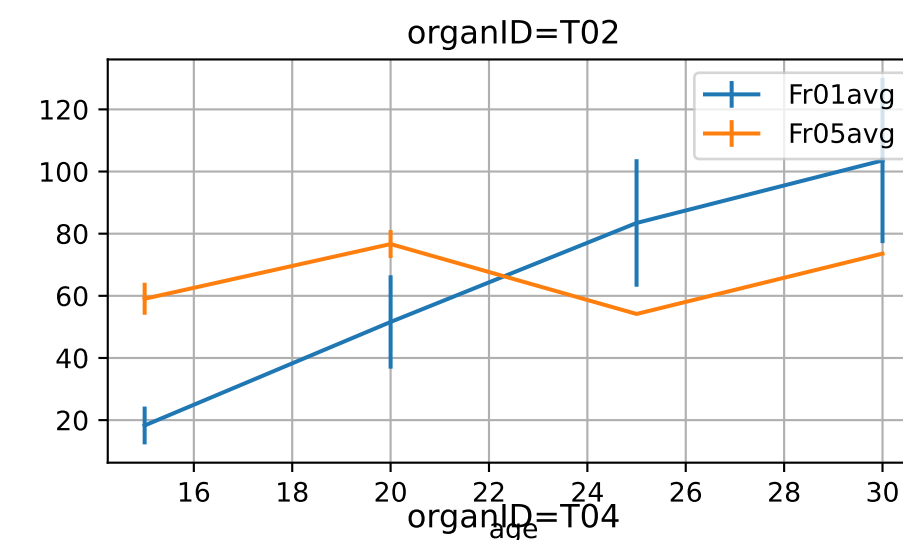
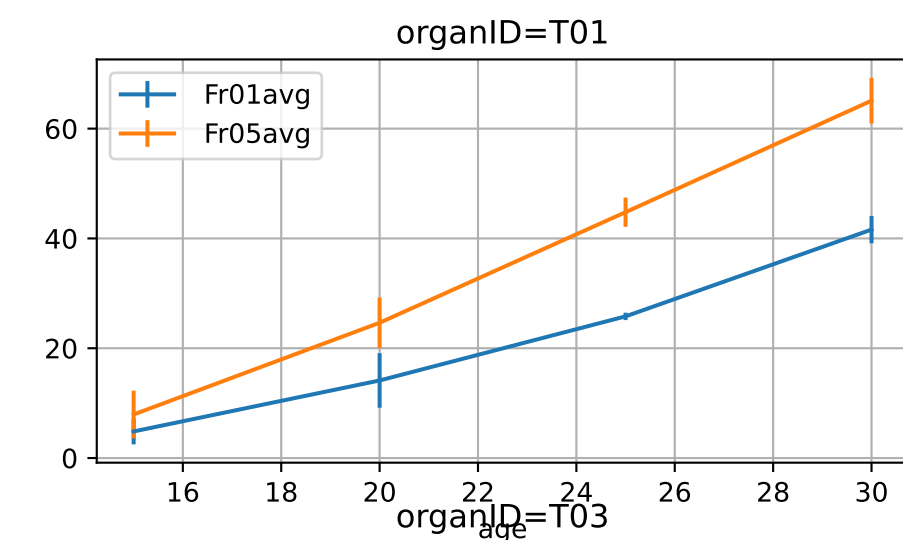
dStH: D_Est_StH



dStH: sfDem

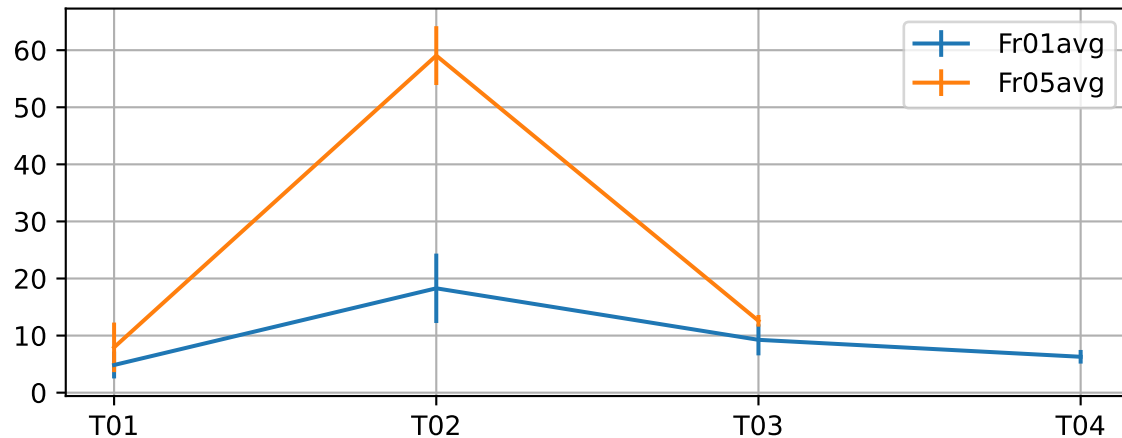




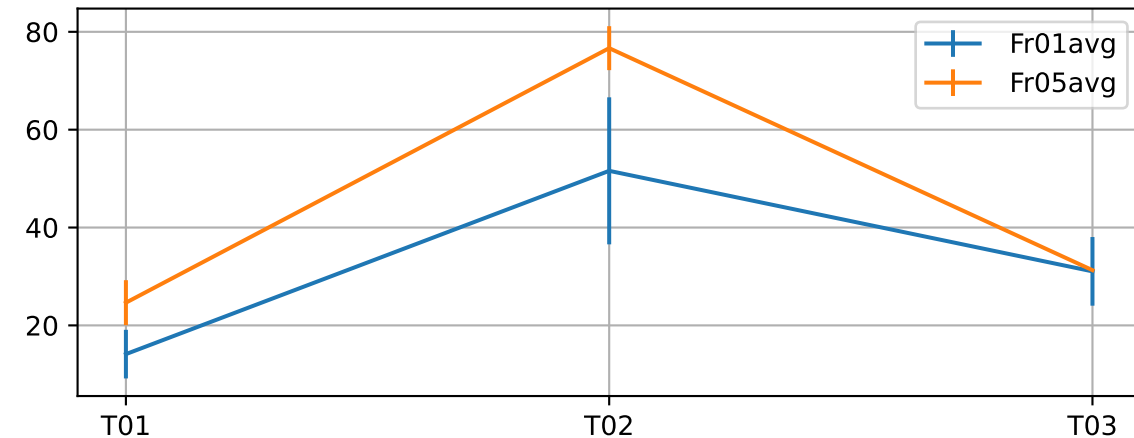


FrV trend at each age

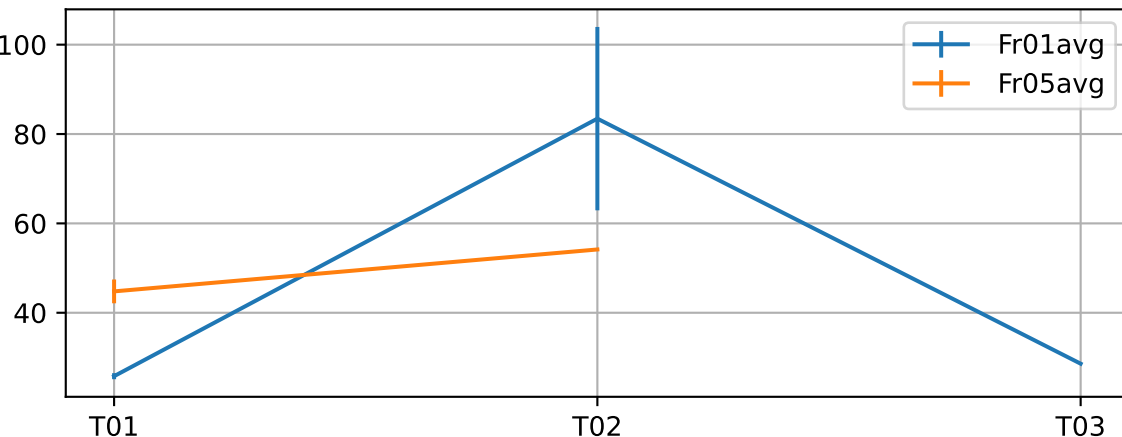
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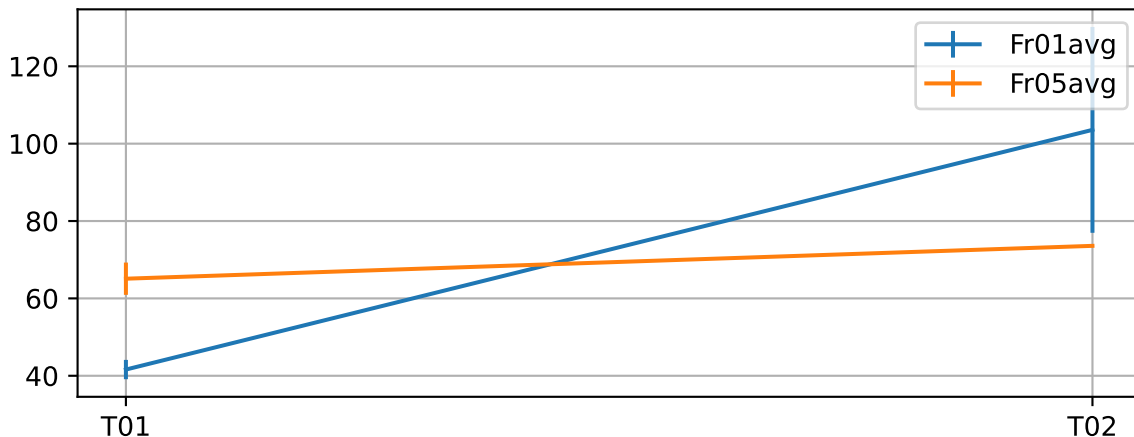
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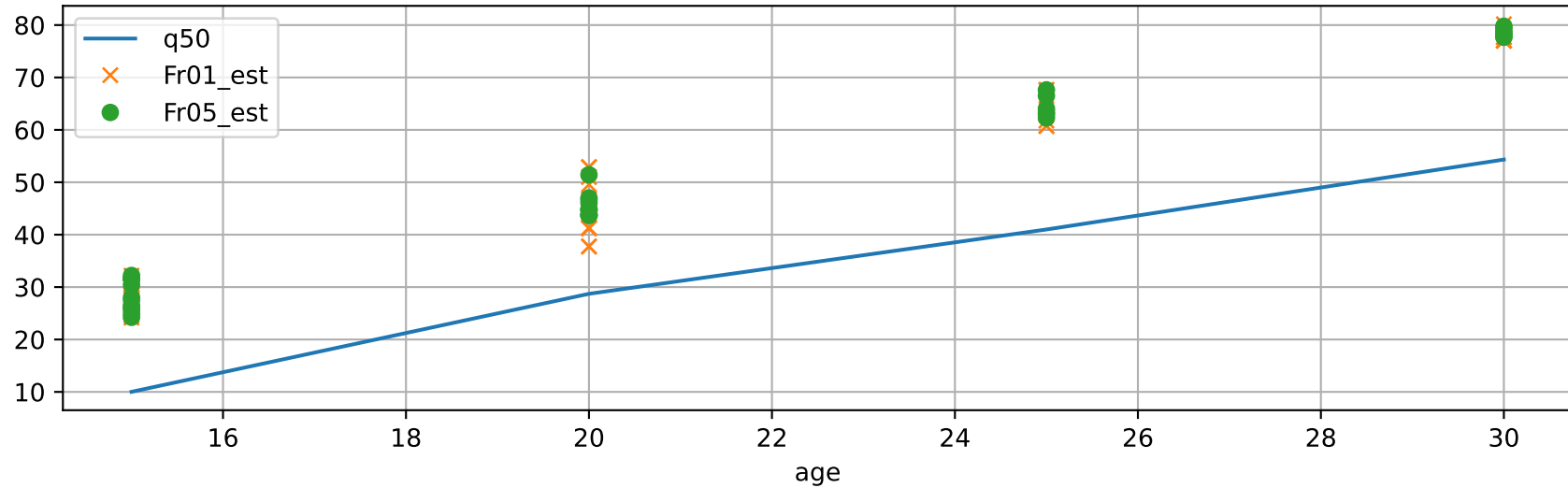
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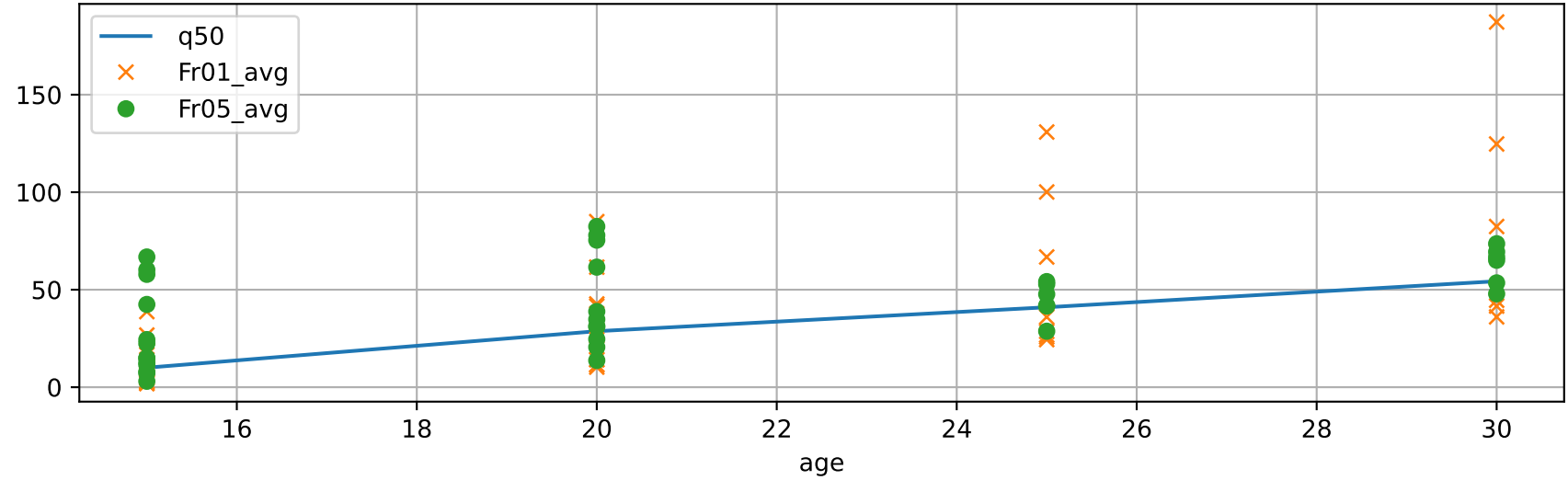
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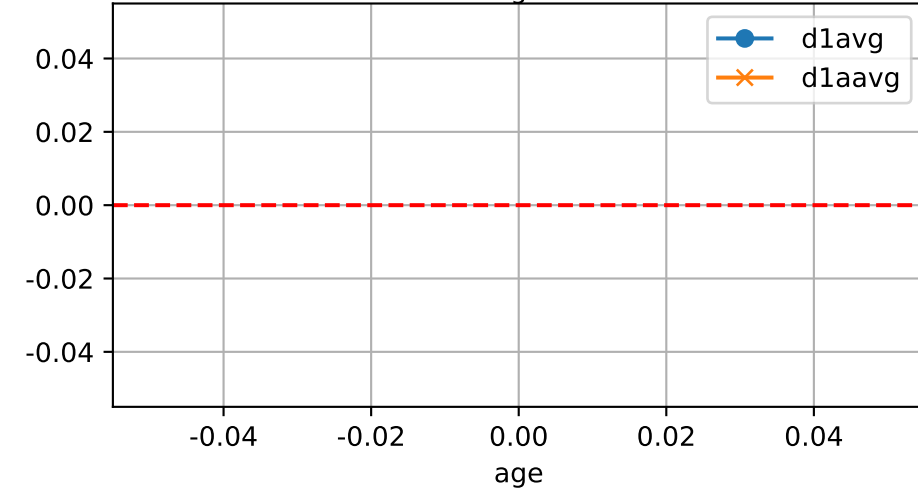
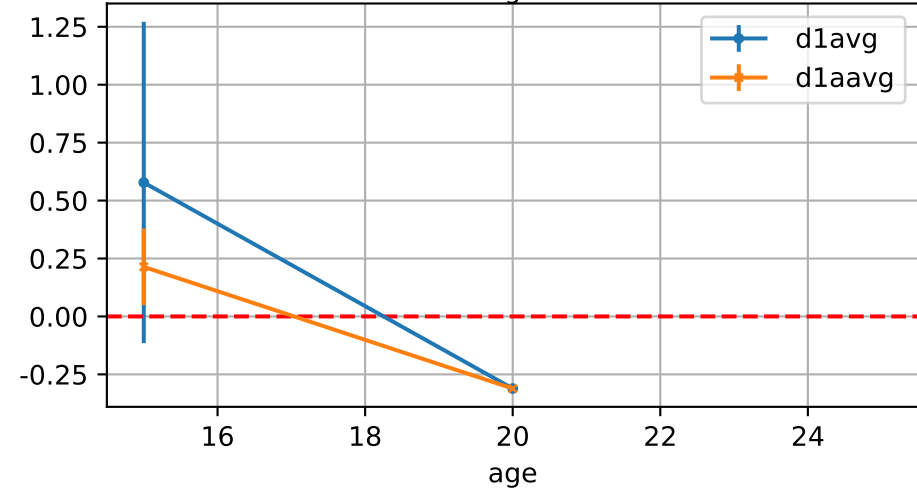
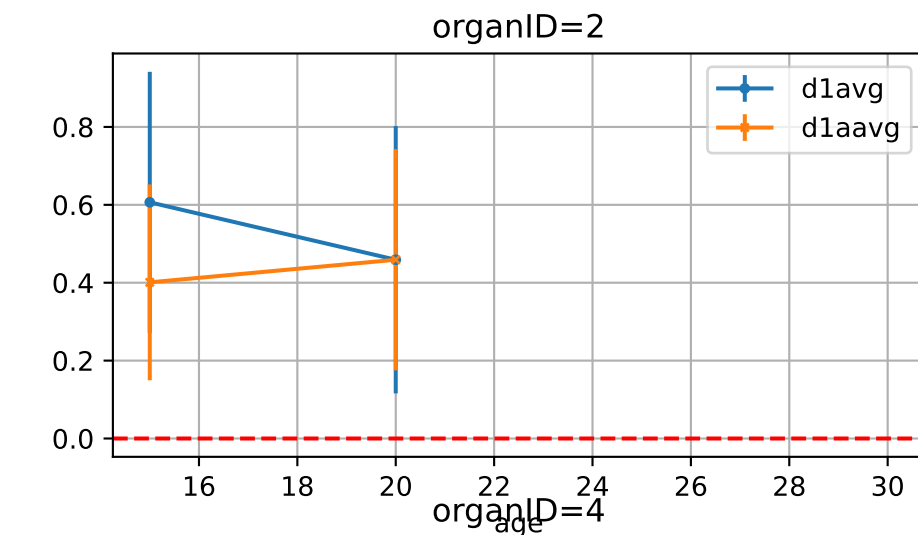
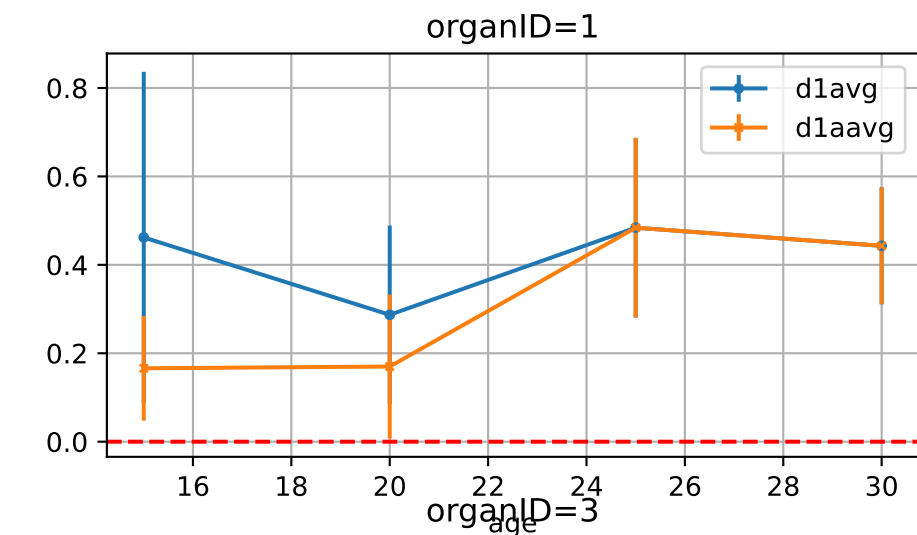


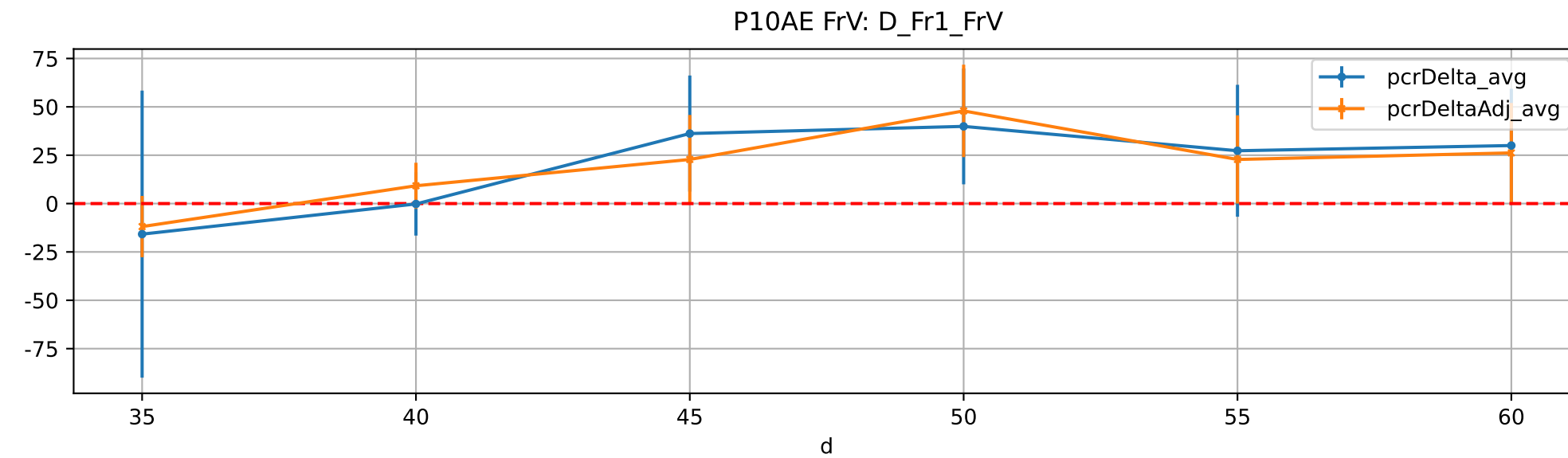
FrV: model Est vs obsFrV at Q90



FrV: obsFrV vs obsFrV@Q90









P10AE FrV: D_Ts_FrV

