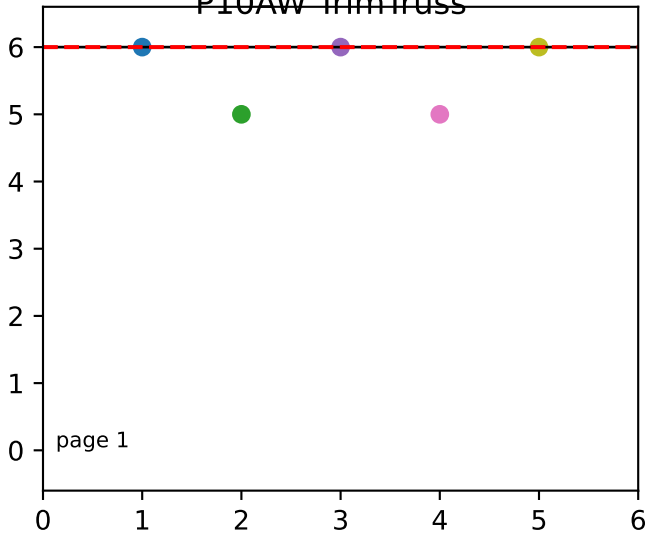


*Phenotype Data Analysis Plots*  
*PhenoData day range = 18 - 160*  
*Analysis cutoff day = 160*  
*NC11 P10*  
*2026-03-28 (Day 161)*

avg1=6.0 ~9% avg2=na  
P10AW Trim Truss

P10AW

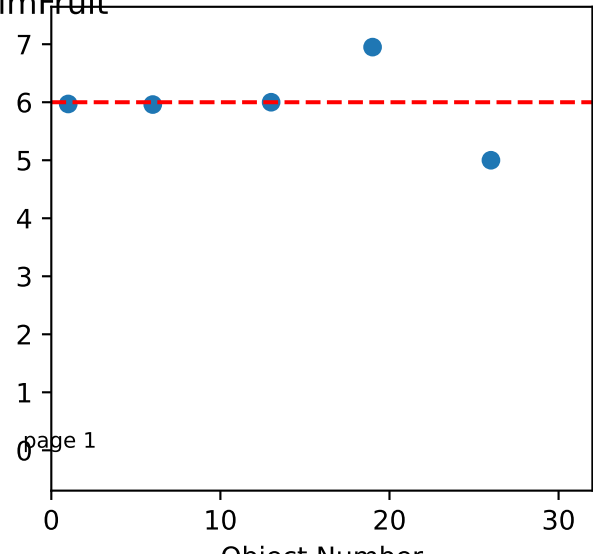
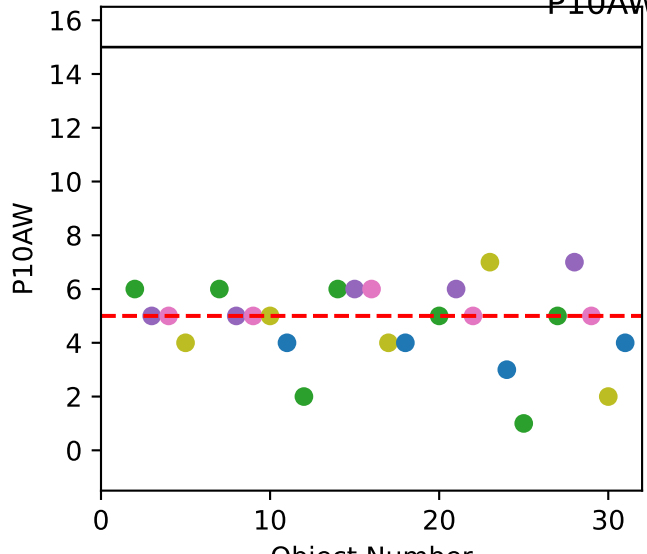


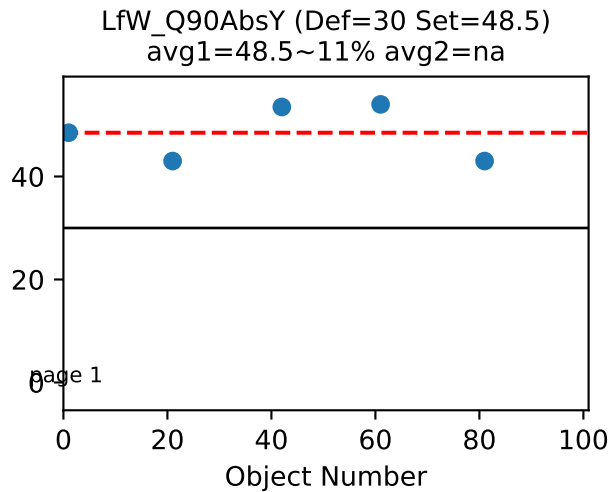
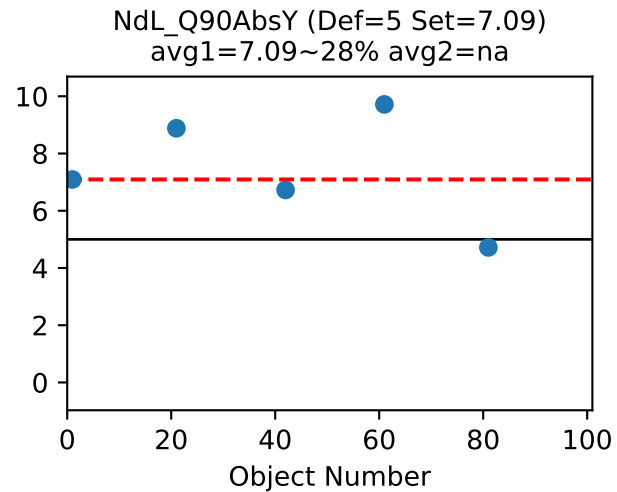
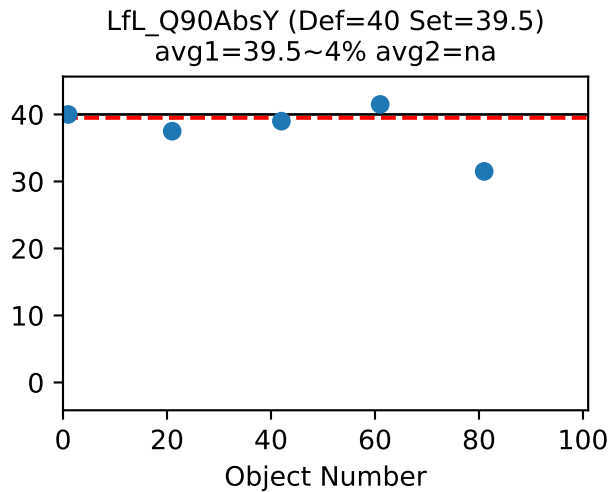
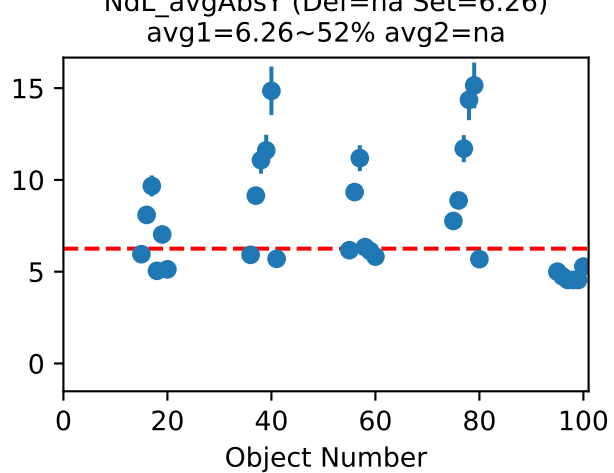
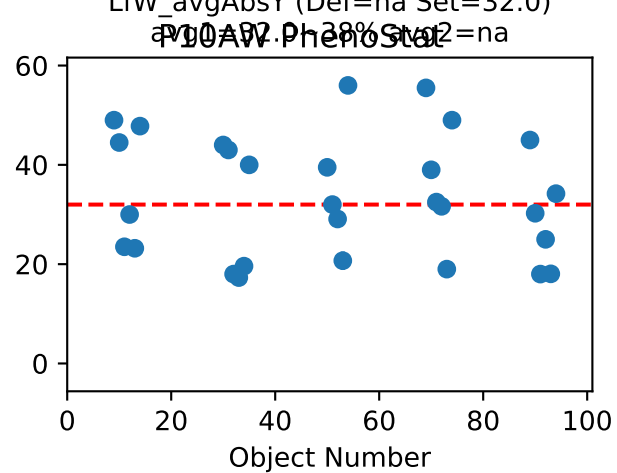
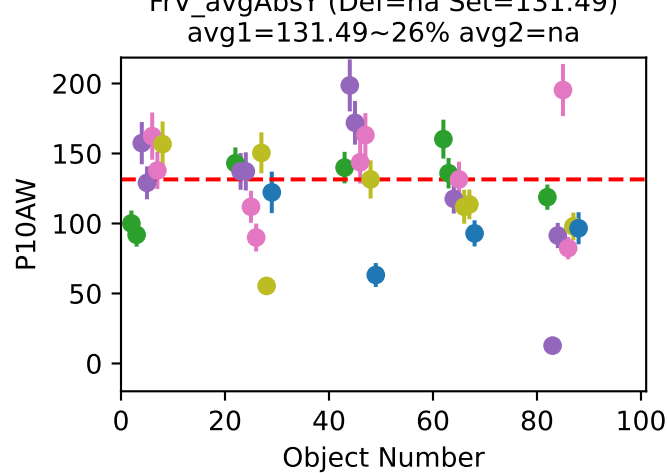
page 1

avg1=5.0~30% avgz=na

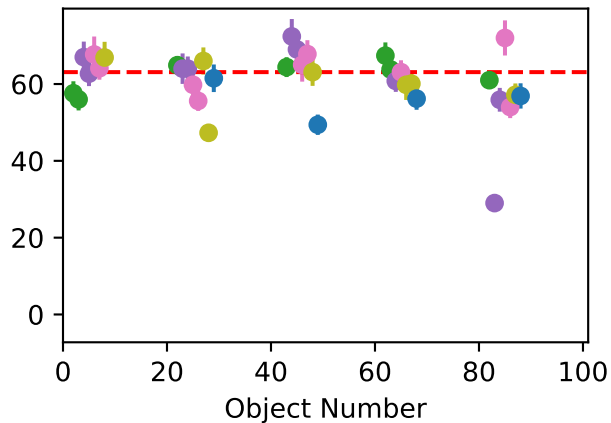
P10AW TrimFruit

avg1=6.0~0% avgz=na

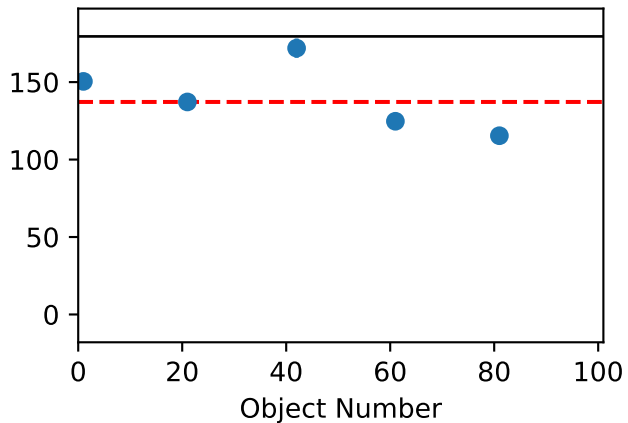




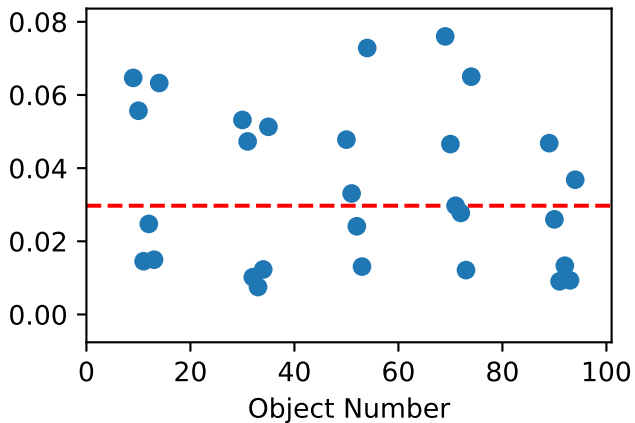
FrD\_avgAbsY (Def=na Set=63.1)  
avg1=63.1~9% avg2=na



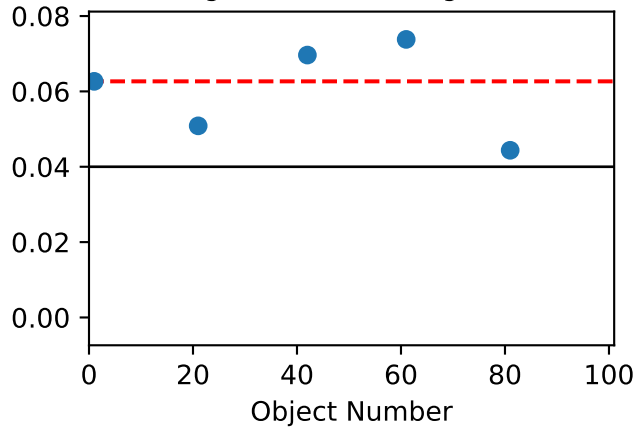
PrV\_Q90AbsY (Def=179.5 Set=137.19)  
avg1=137.19~16% avg2=na



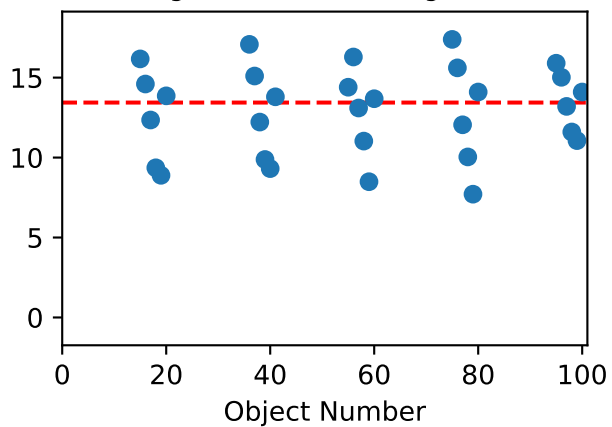
LfA\_avgAbsY (Def=na Set=0.03)  
avg1=0.03~73% avg2=na



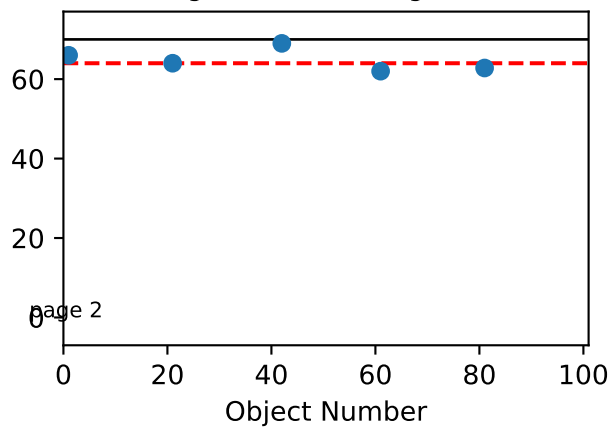
LfA\_Q90AbsY (Def=0.04 Set=0.06)  
avg1=0.06~20% avg2=na



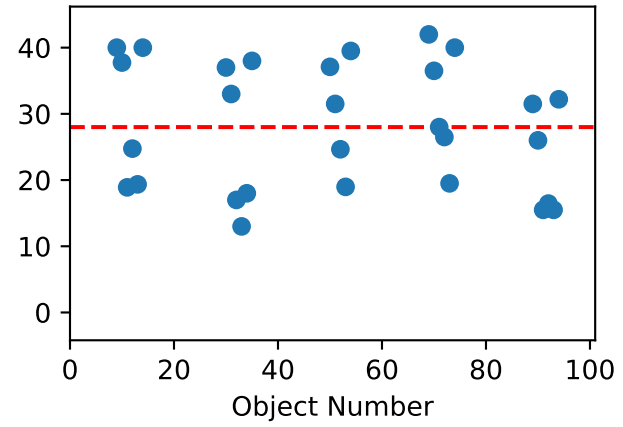
NdD\_avgAbsY (Def=na Set=13.44)  
avg1=13.44~20% avg2=na



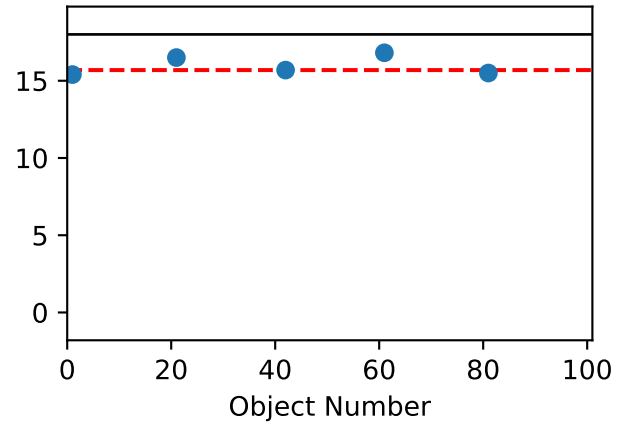
FrD\_Q90AbsY (Def=70 Set=64.0)  
avg1=64.0~4% avg2=na



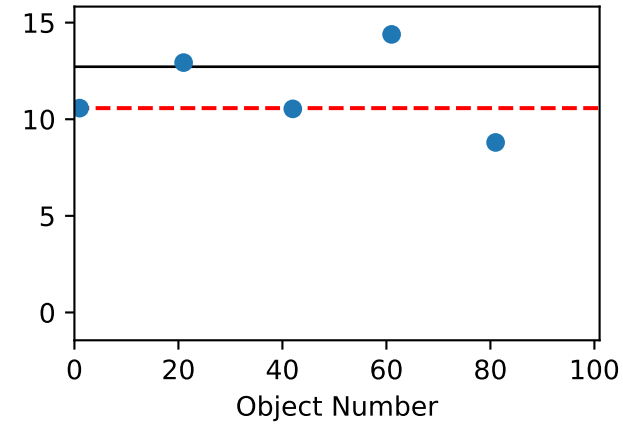
LIL\_avgAbsY (Def=na Set=28.0)  
avg1=28.0~34% avg2=na



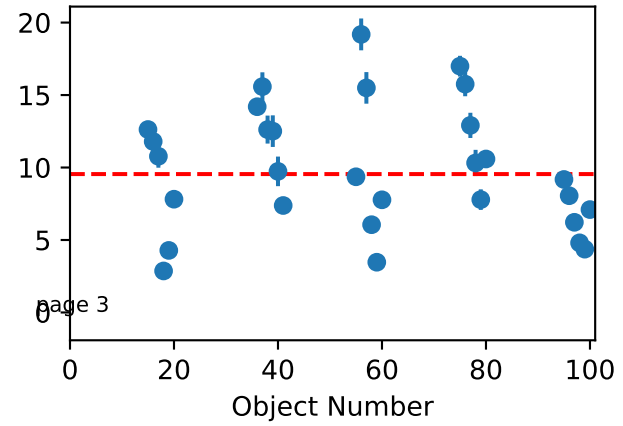
NdD\_Q90AbsY (Def=18 Set=15.69)  
avg1=15.69~4% avg2=na



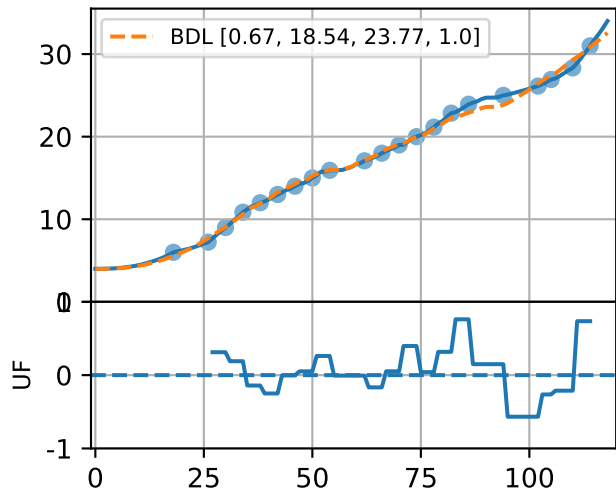
NdV\_Q90AbsY (Def=12.72 Set=10.57)  
avg1=10.57~21% avg2=na



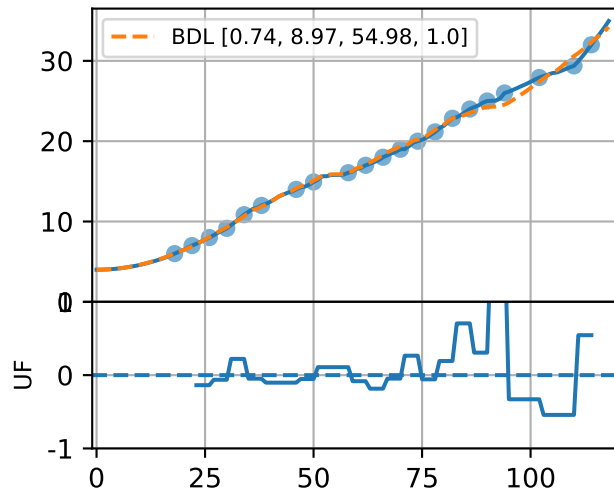
NdV\_avgAbsY (Def=na Set=9.55)  
avg1=9.55~45% avg2=na



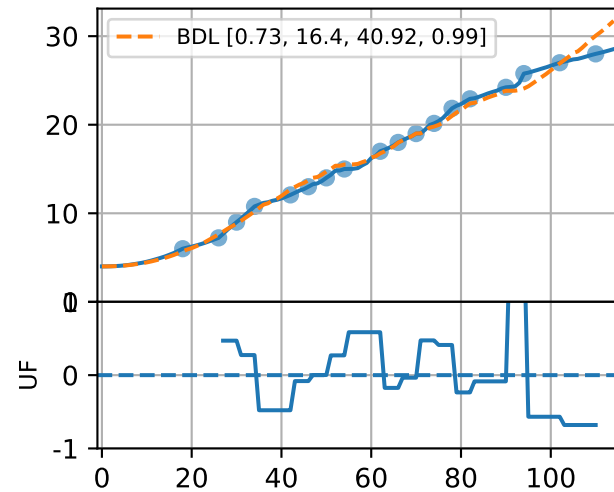
P10AW-004-12 (fit failed)



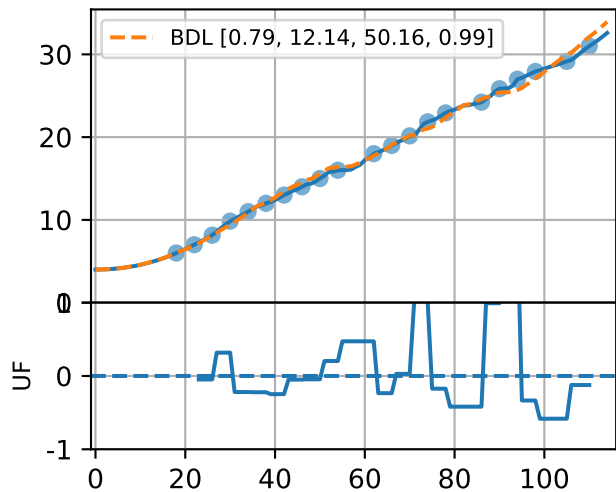
P10AW-010-25 (fit failed)



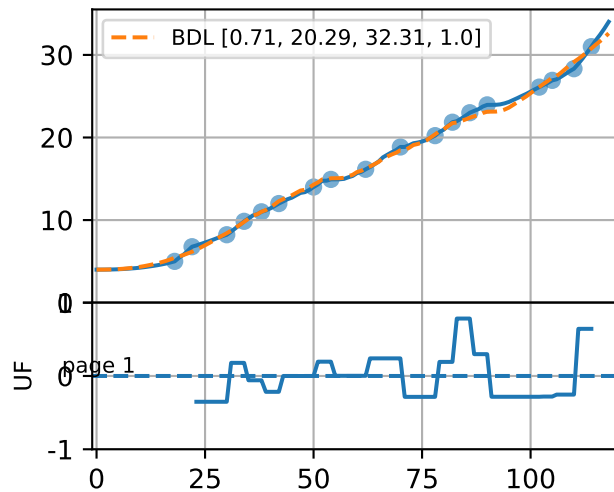
P10AW-017-16 (fit failed)



P10AW-025-3 (fit failed)

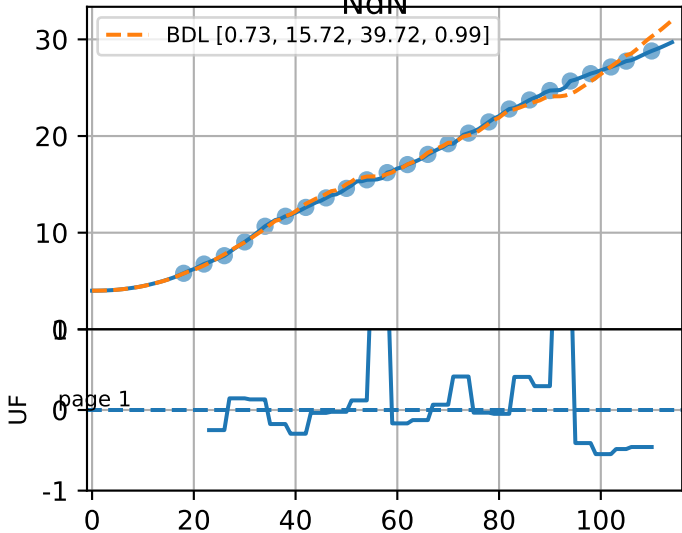


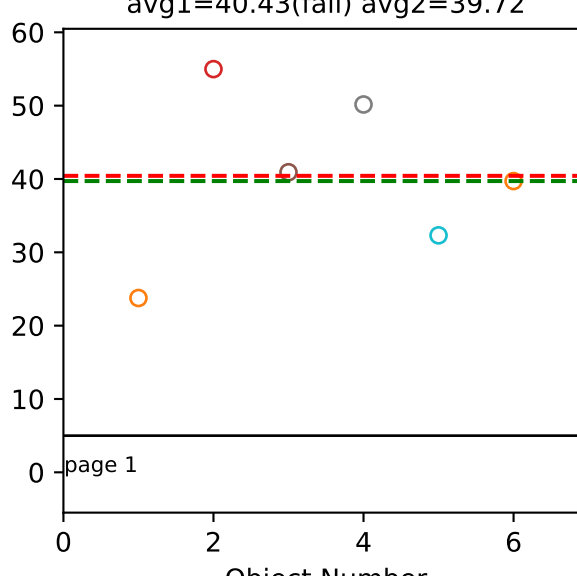
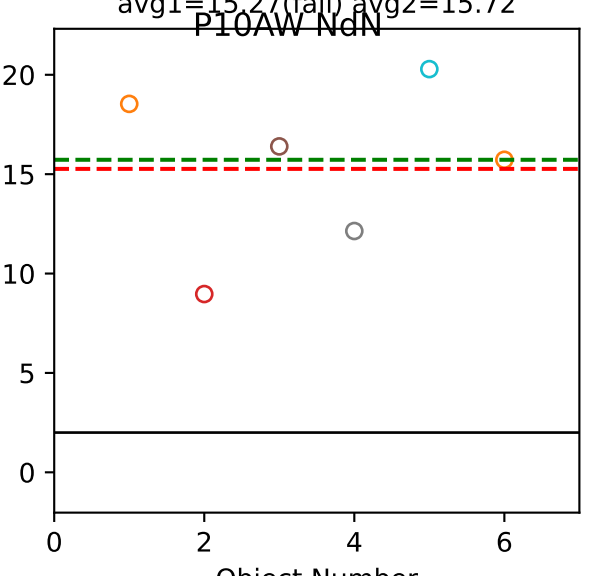
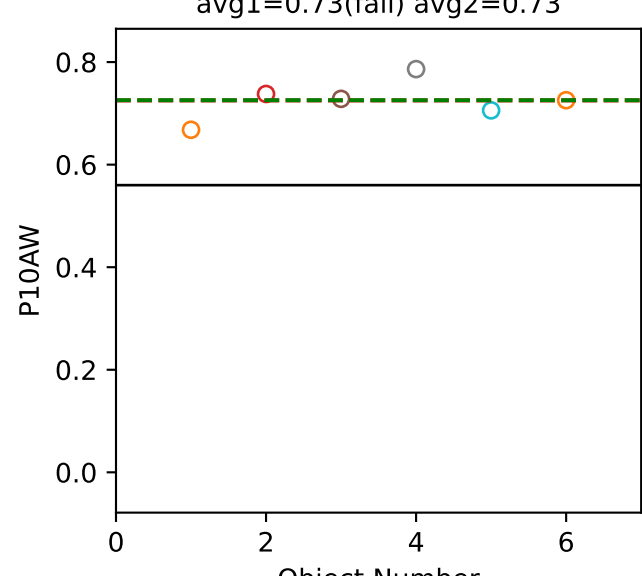
P10AW-032-33 (fit failed)

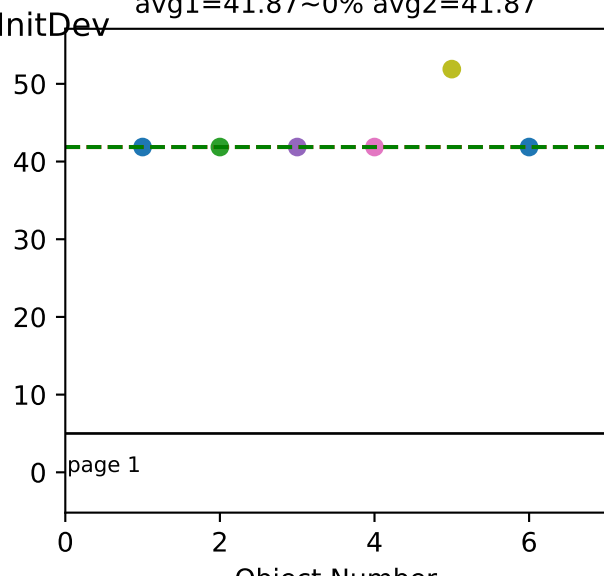
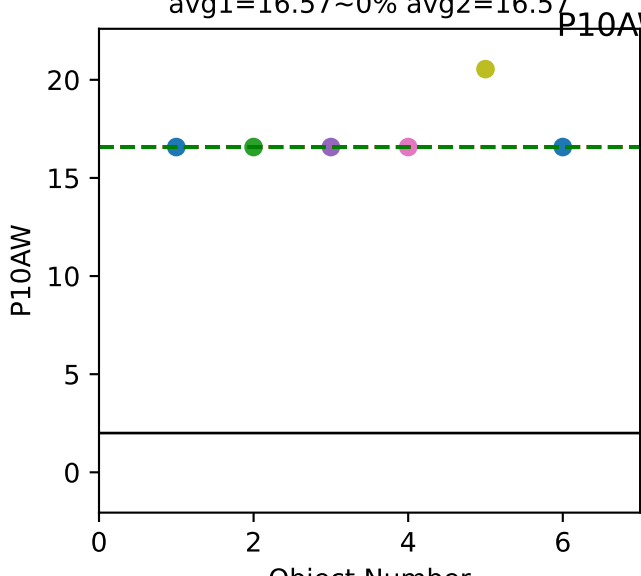


# P10A Wavg (fit tailed)

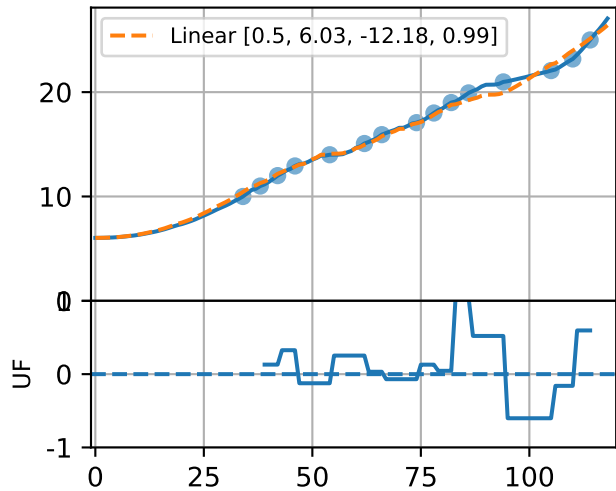
NaN



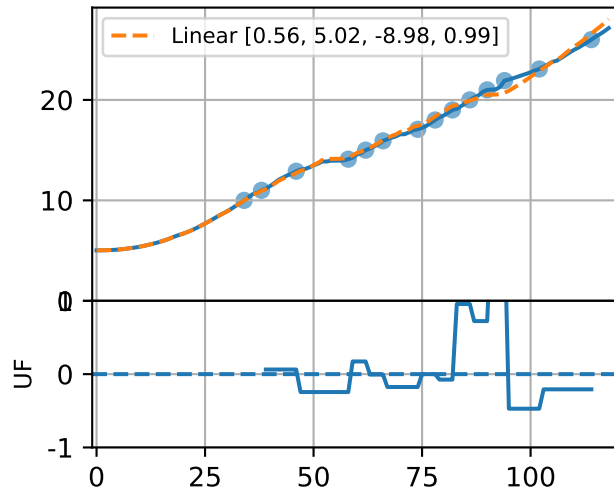




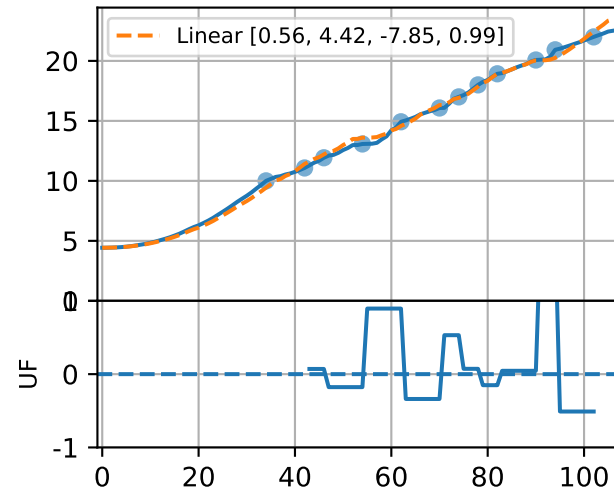
P10AW-004-12



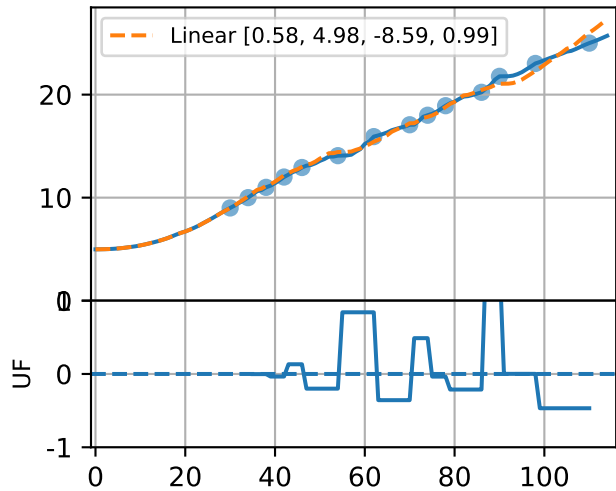
P10AW-010-25



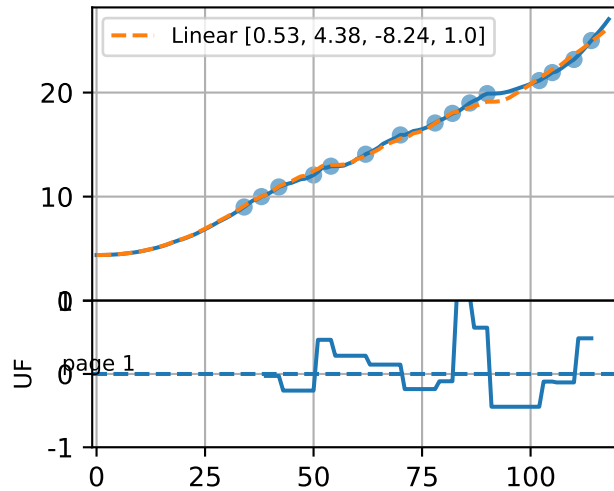
P10AW-017-16



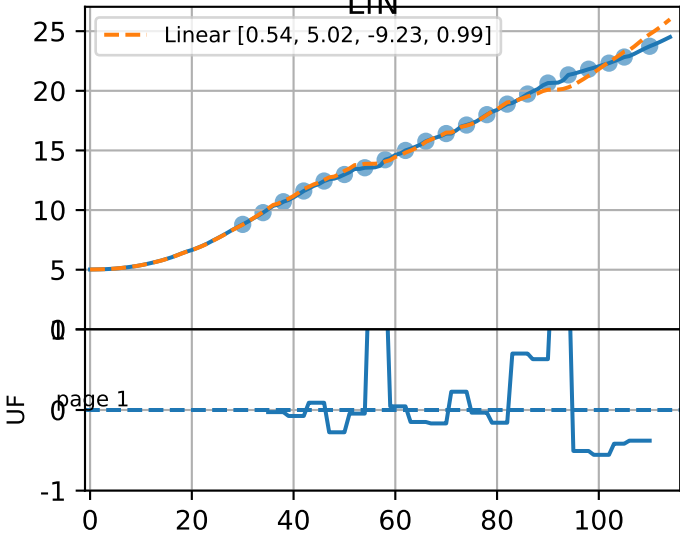
P10AW-025-3

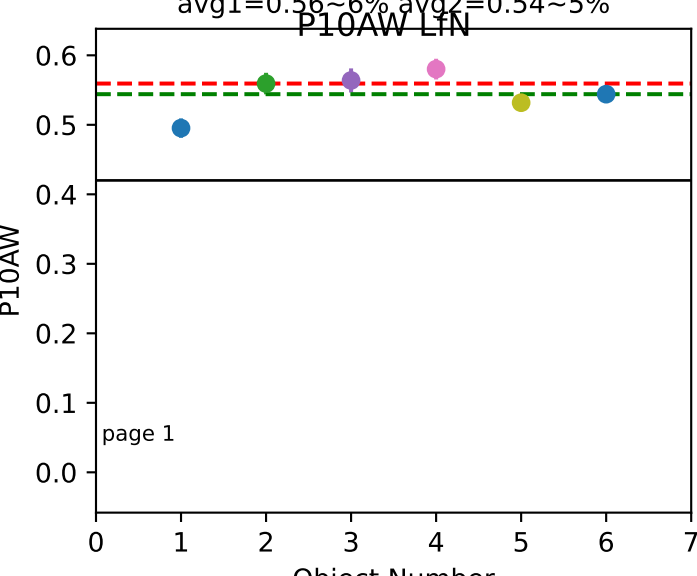


P10AW-032-33

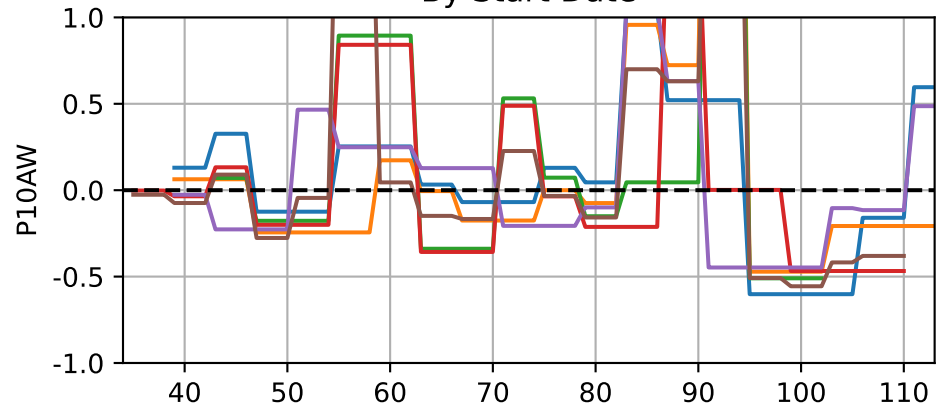


P10A wavg  
LfN

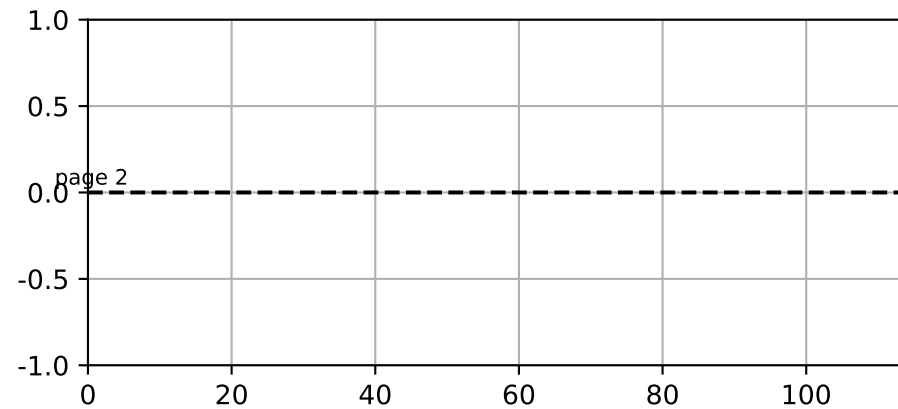
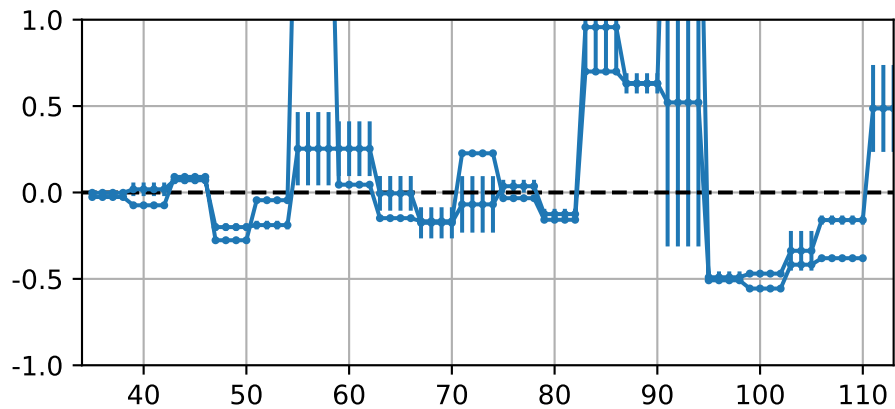
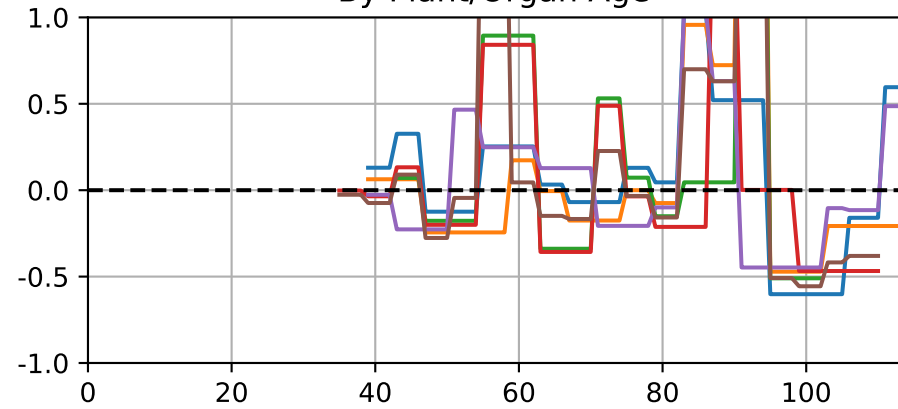




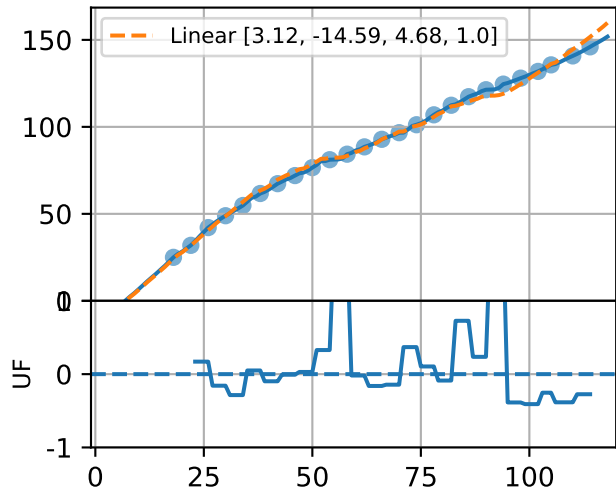
By Start Date



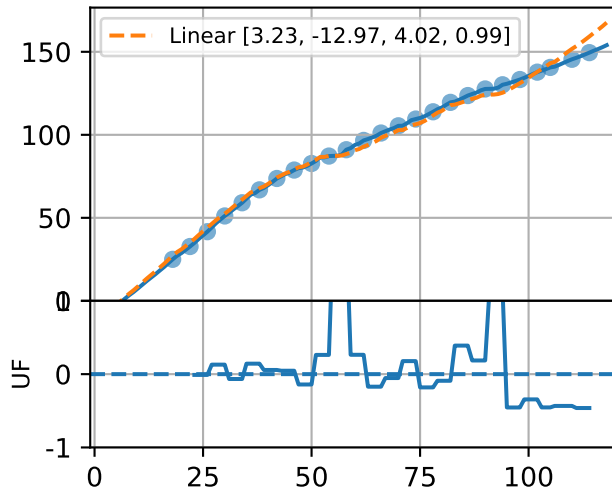
By Plant/Organ Age



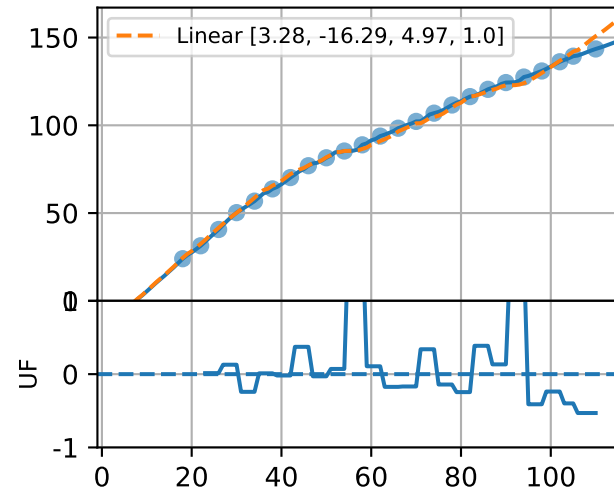
P10AW-004-12



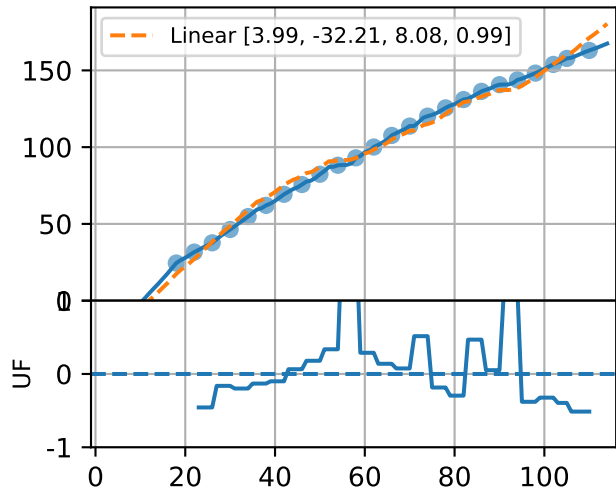
P10AW-010-25



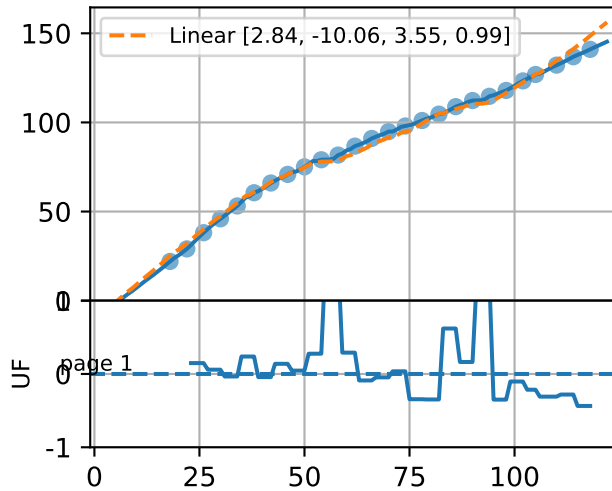
P10AW-017-16



P10AW-025-3



P10AW-032-33

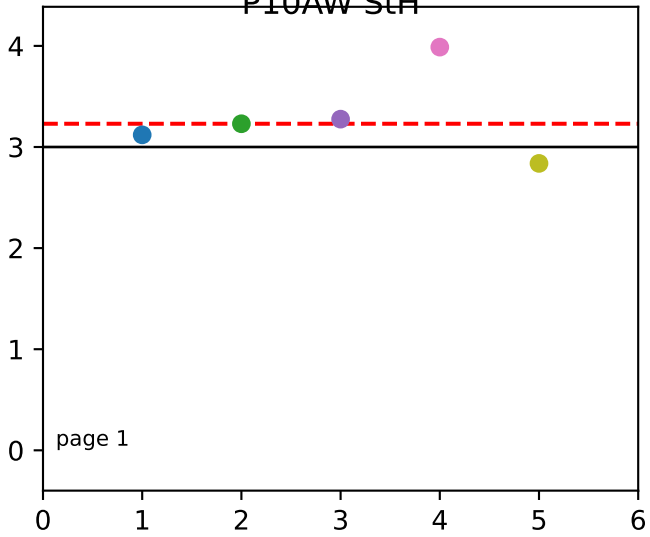


avg1=3.73~2% avg2=na

P10AW StH

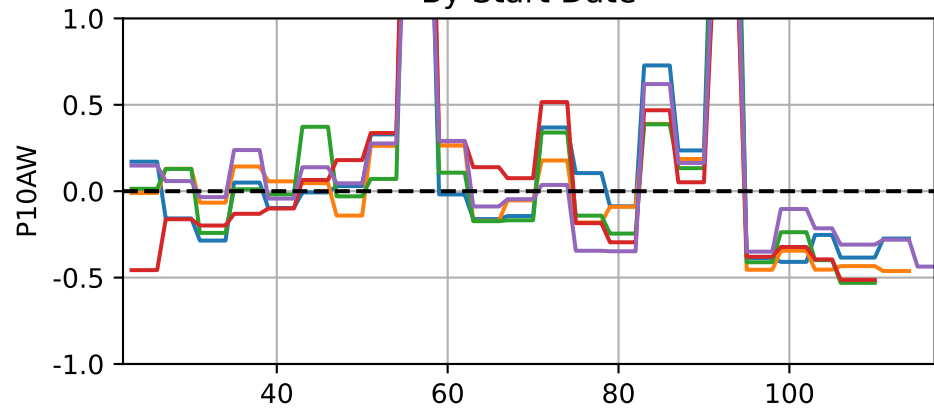
P10AW

page 1

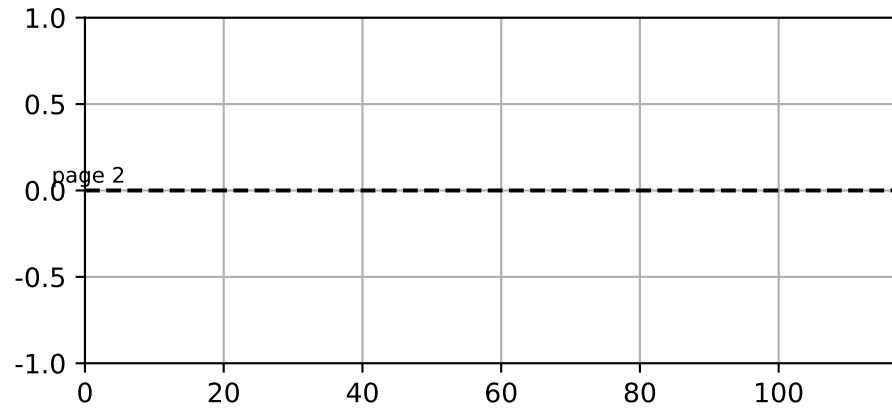
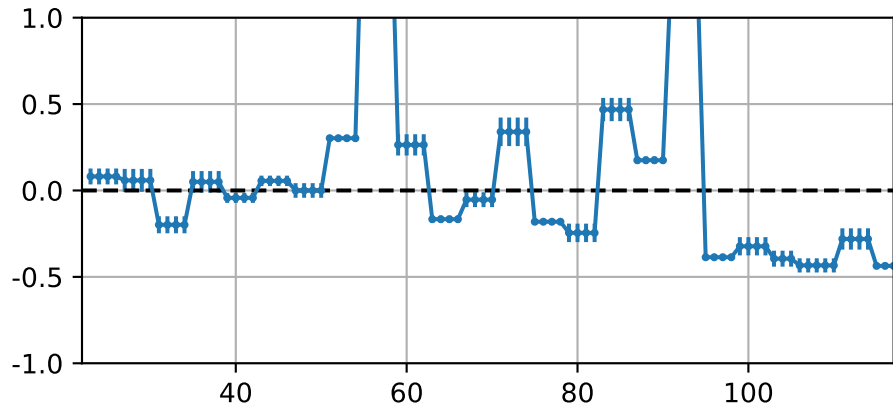
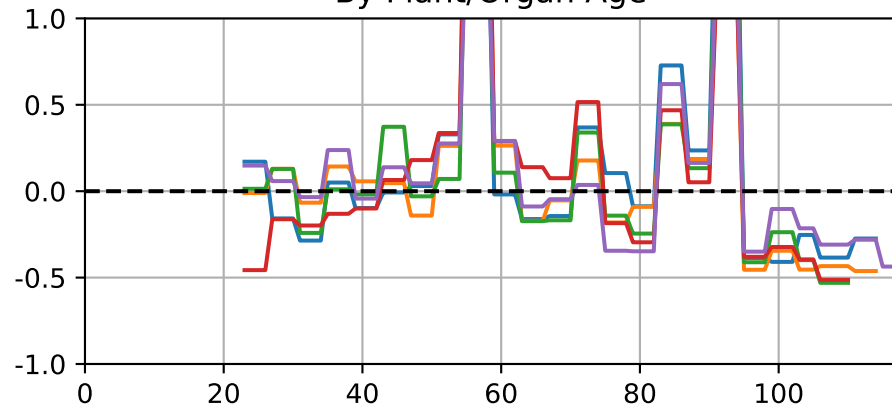


Object Number

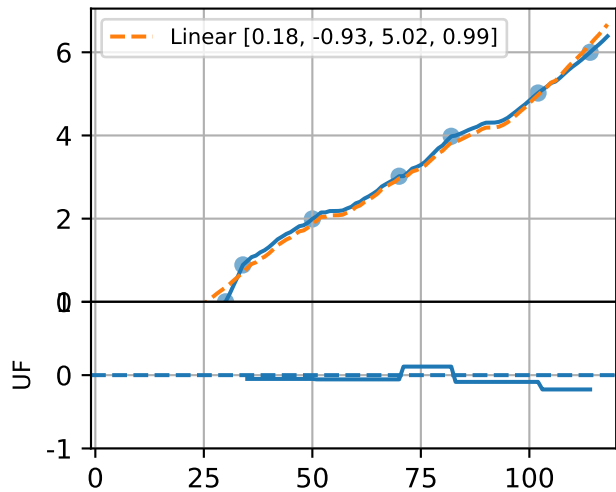
By Start Date



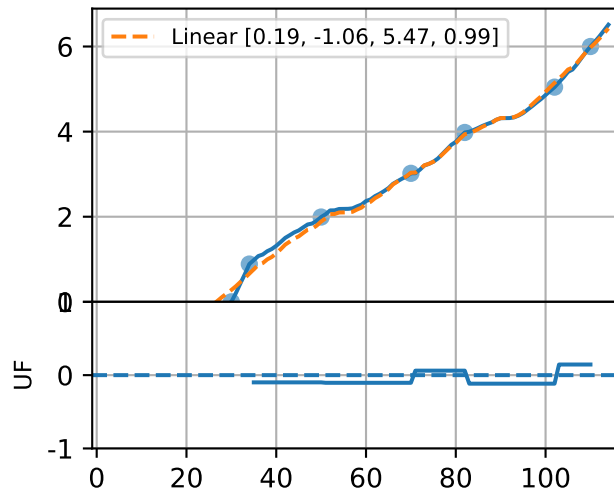
By Plant/Organ Age



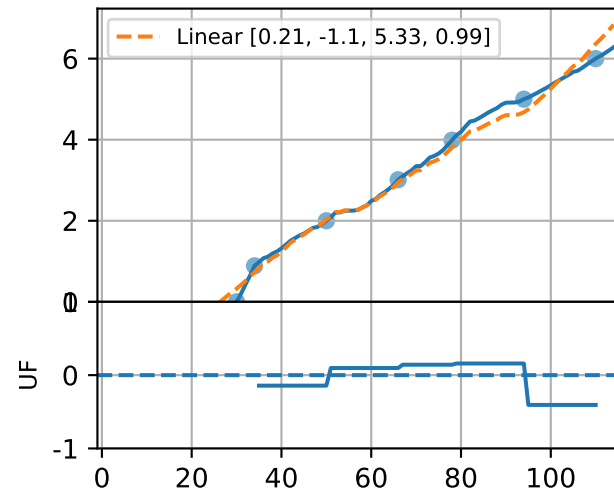
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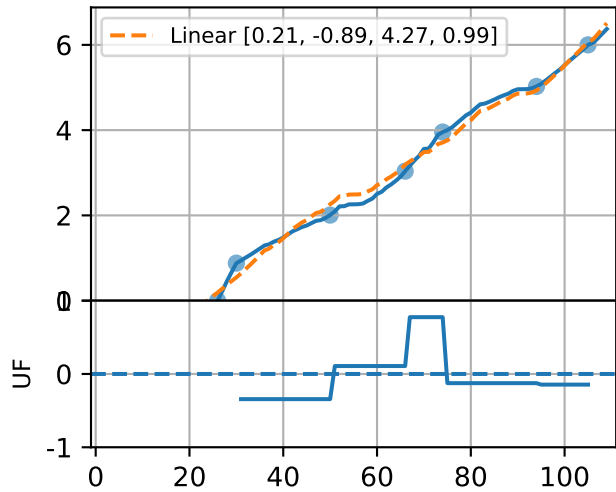
P10AW-010-25



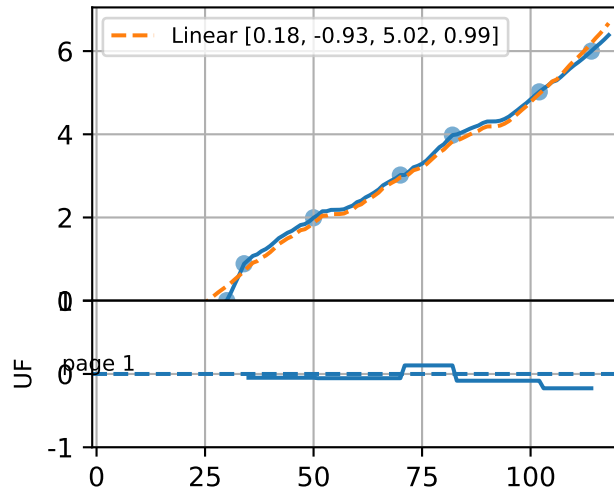
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P10AW-025-3

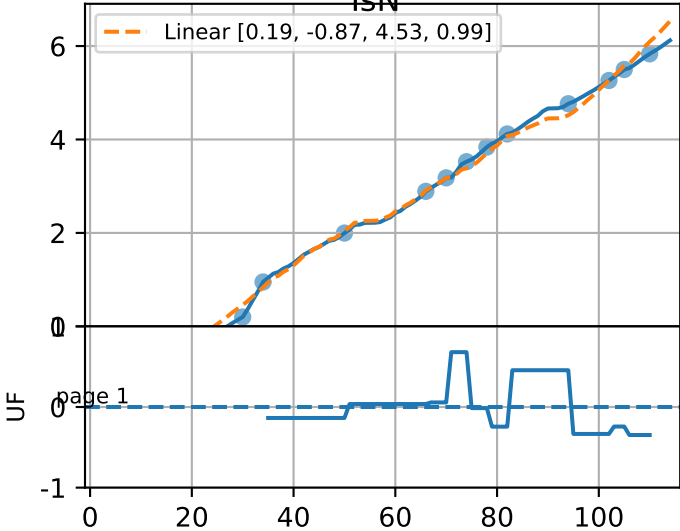


P10AW-032-33



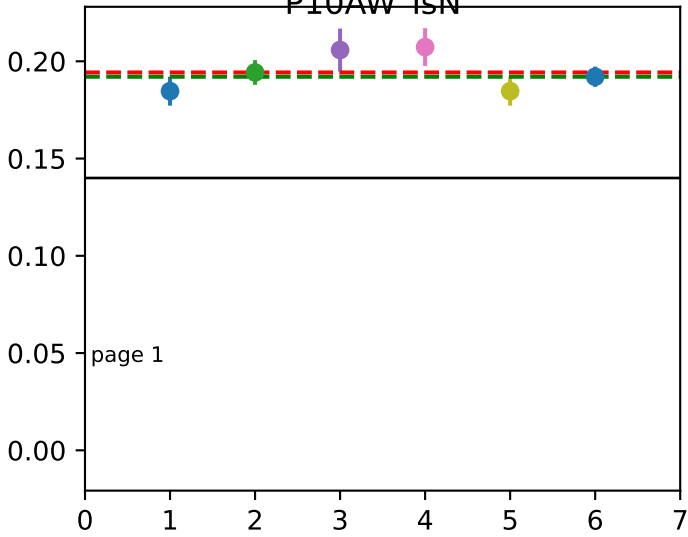
P10Awavg  
ISN

Linear [0.19, -0.87, 4.53, 0.99]



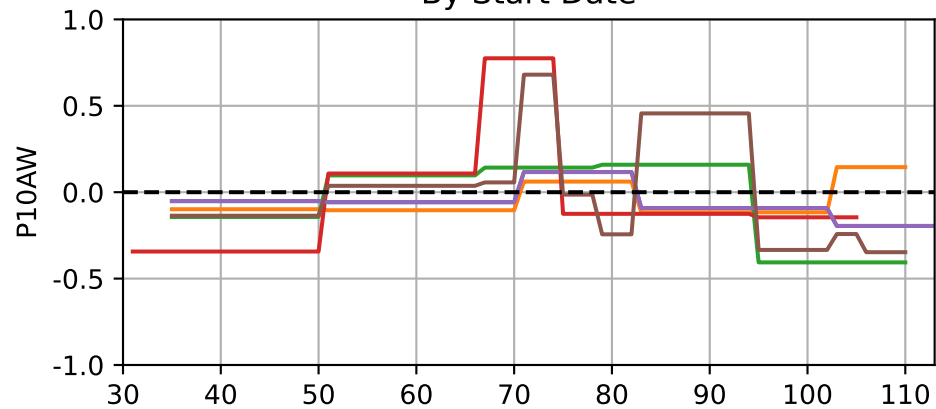
page 1

avg1=0.19~6% avg2=0.19~6%  
P10AW TSN

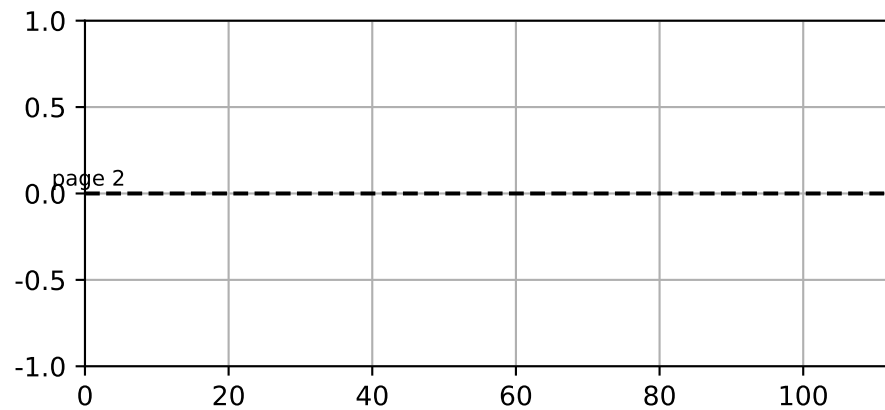
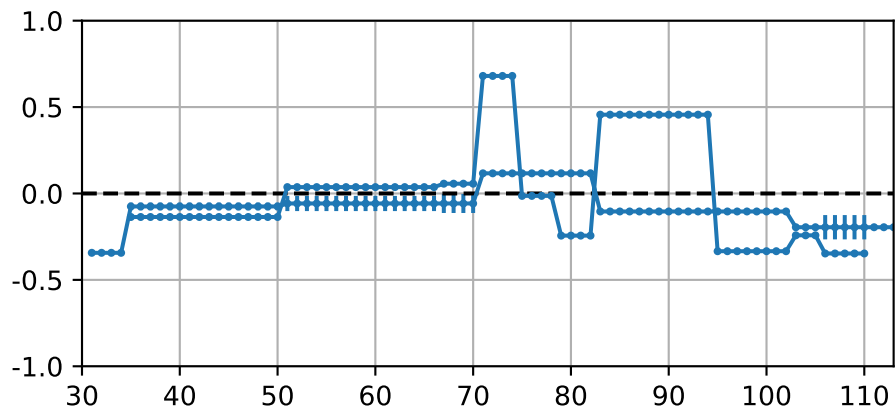
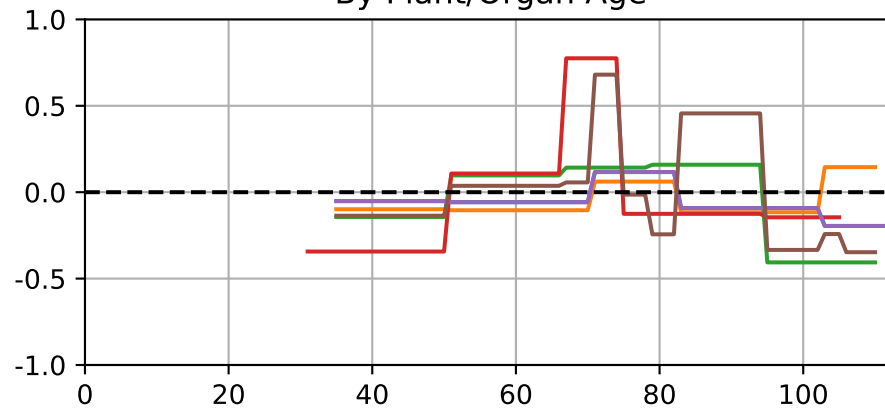


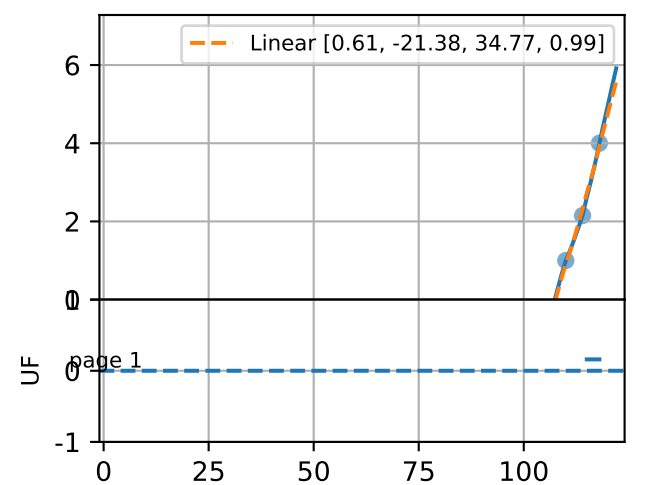
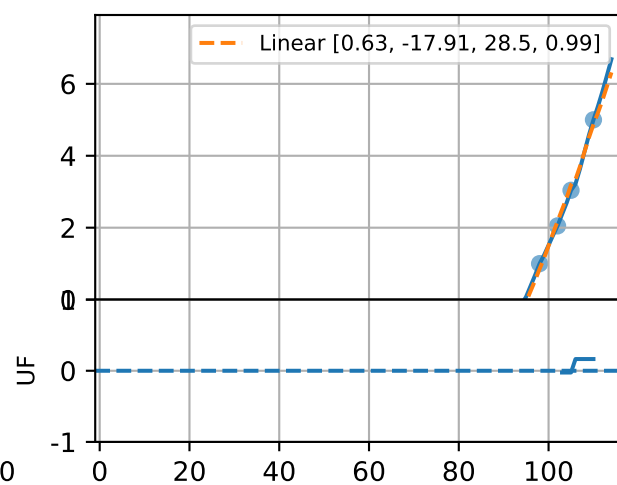
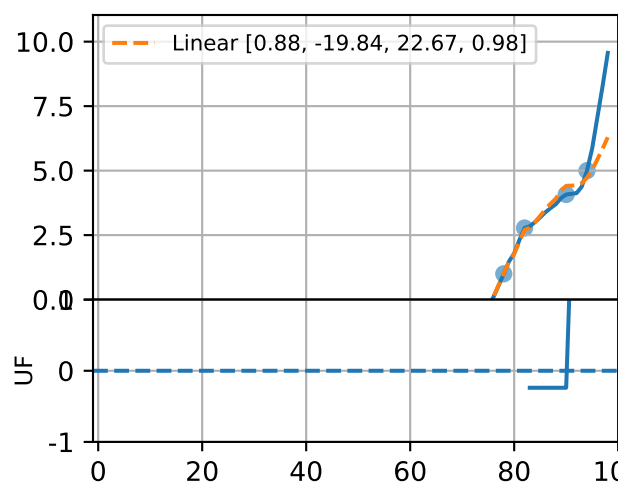
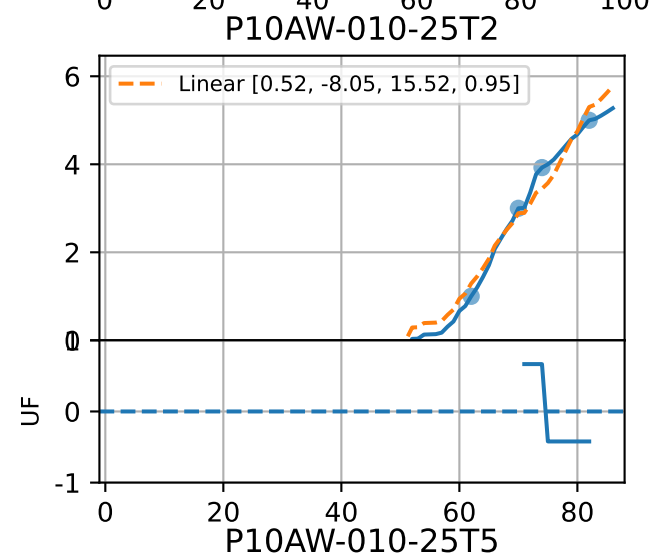
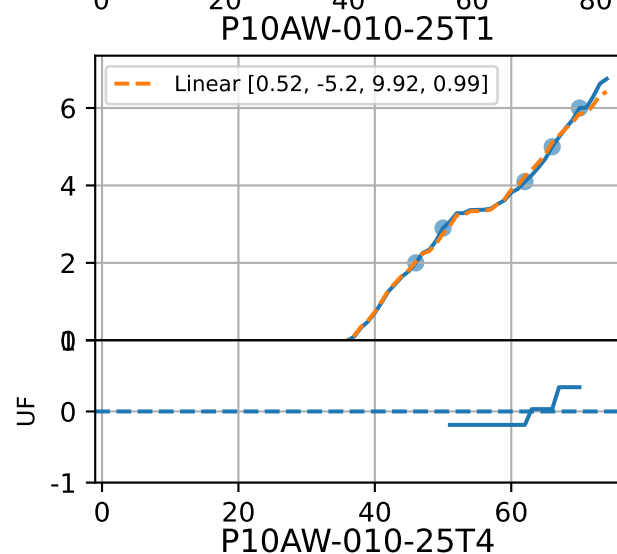
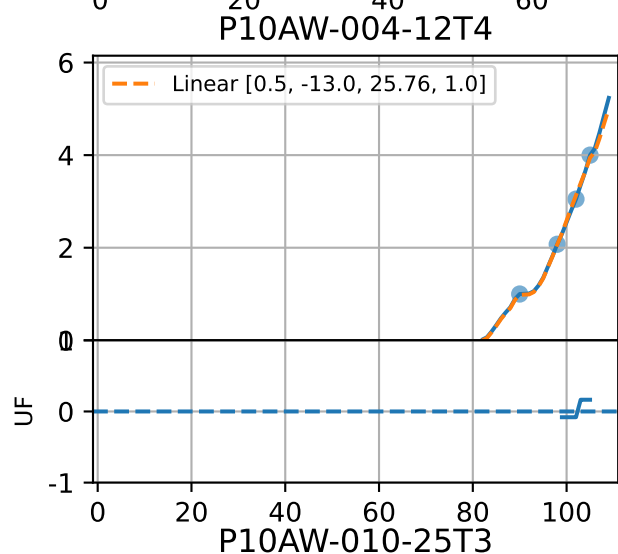
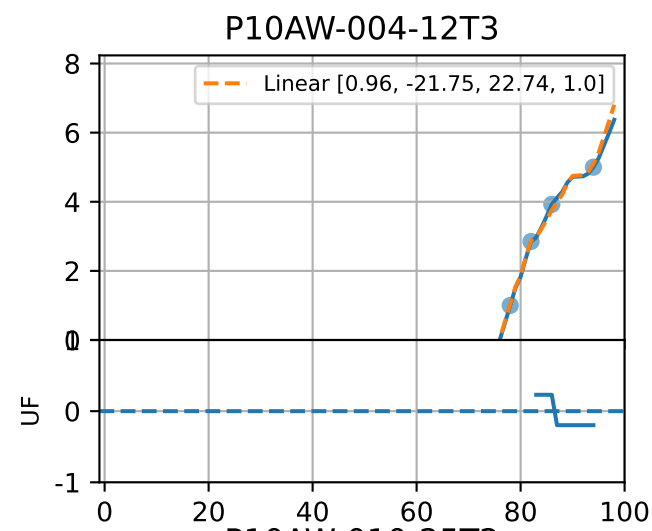
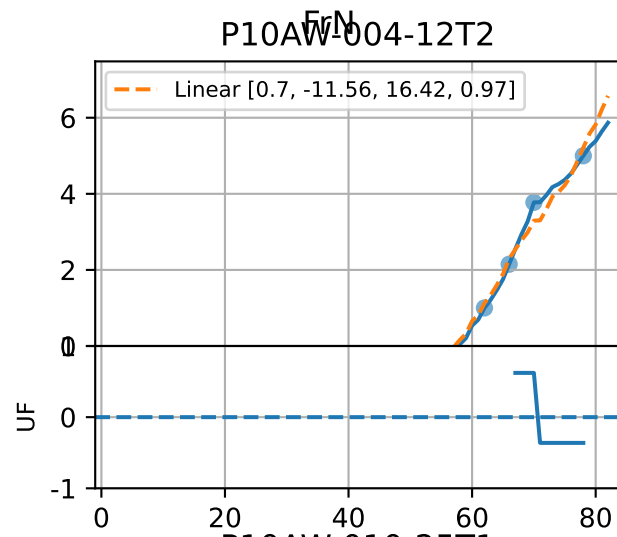
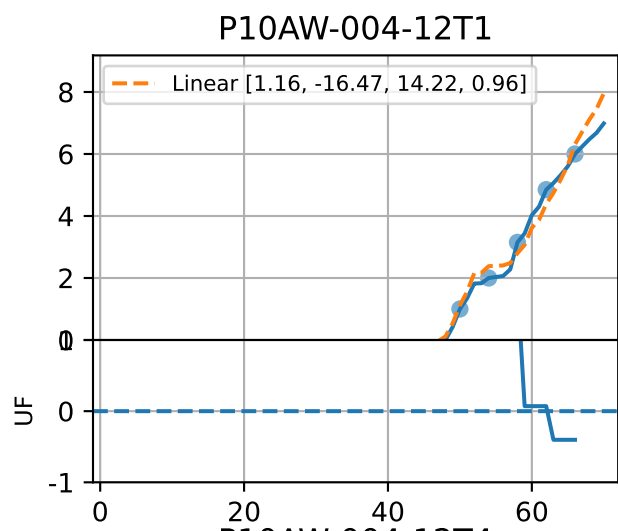
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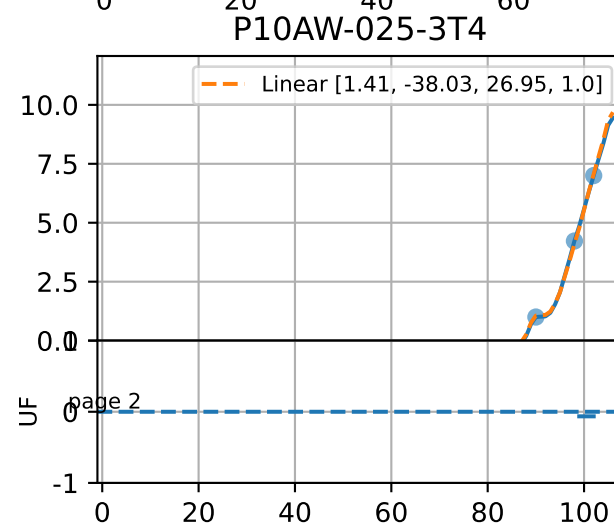
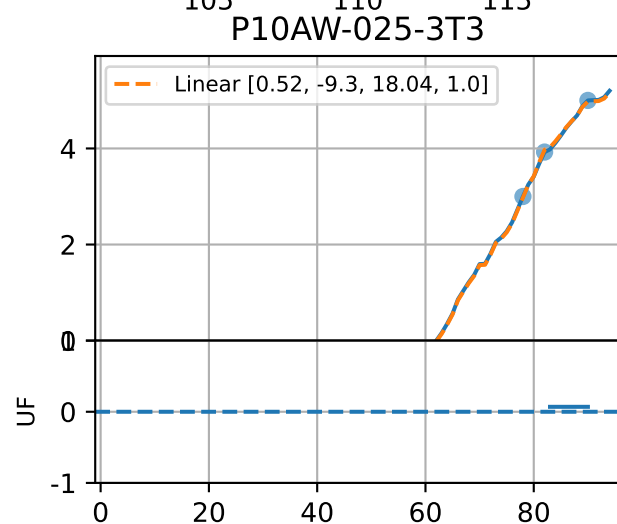
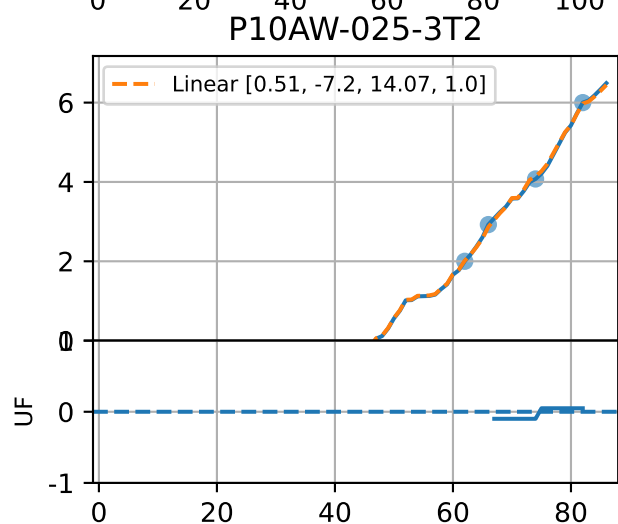
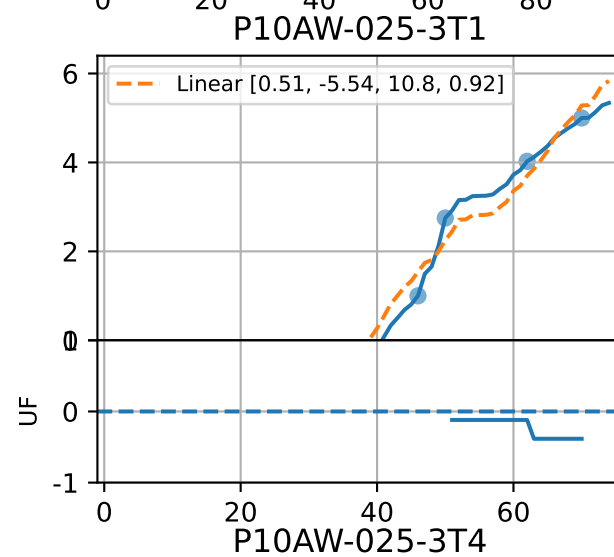
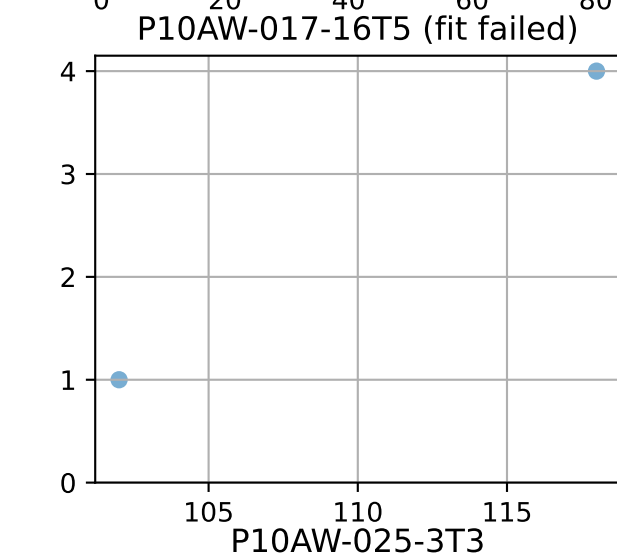
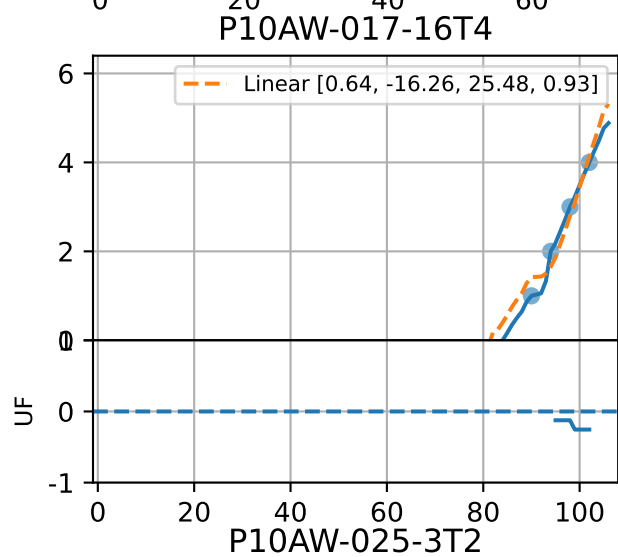
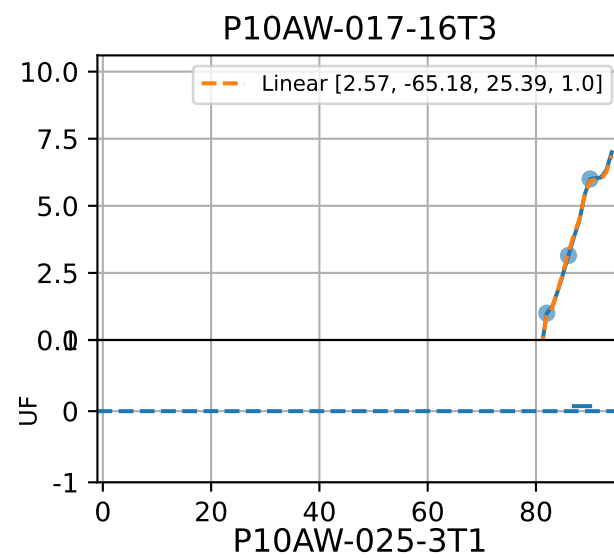
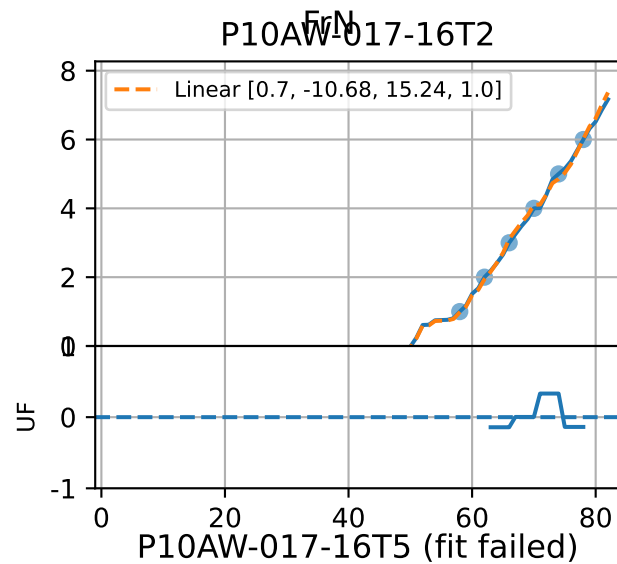
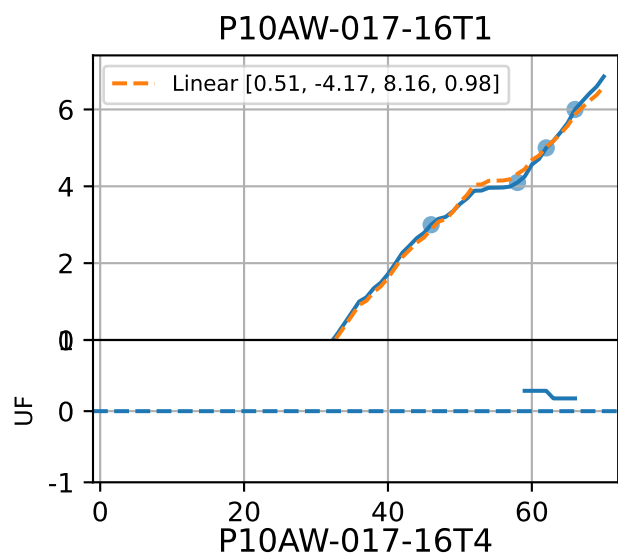
By Start Date



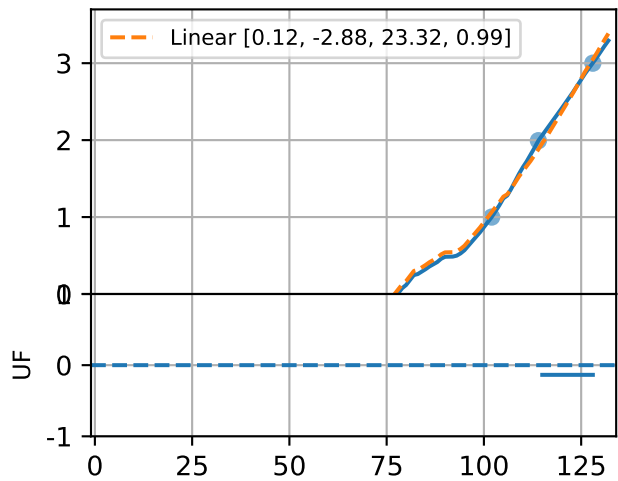
By Plant/Organ Age



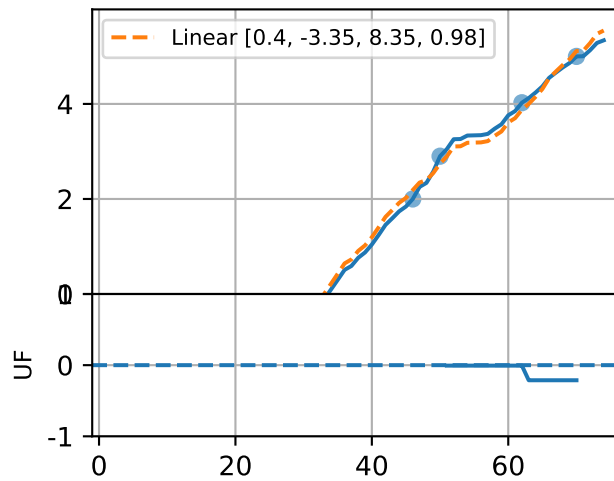




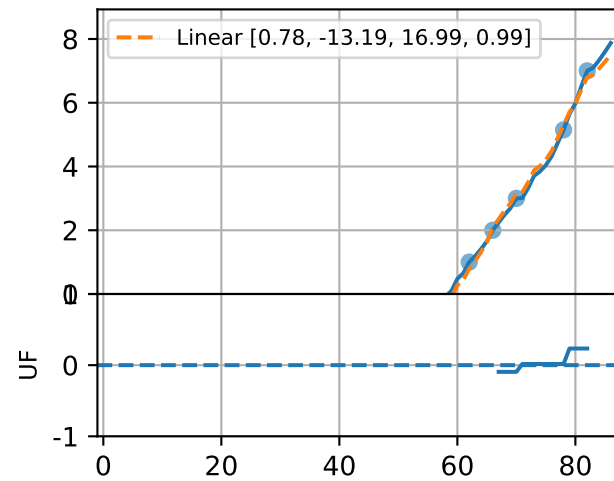
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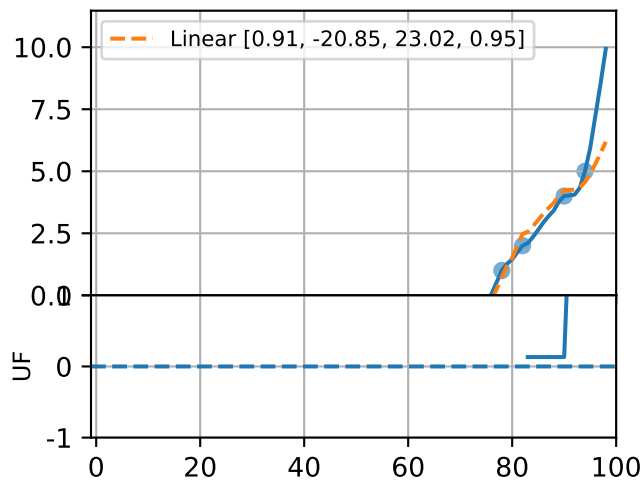
P10AW-032-33T1



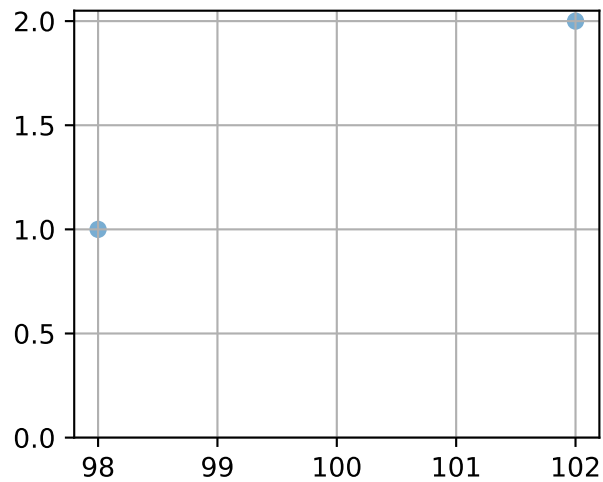
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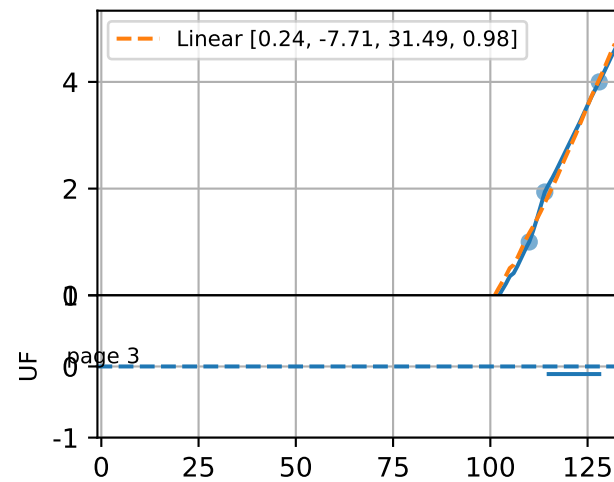
P10AW-032-33T3



P10AW-032-33T4 (fit failed)

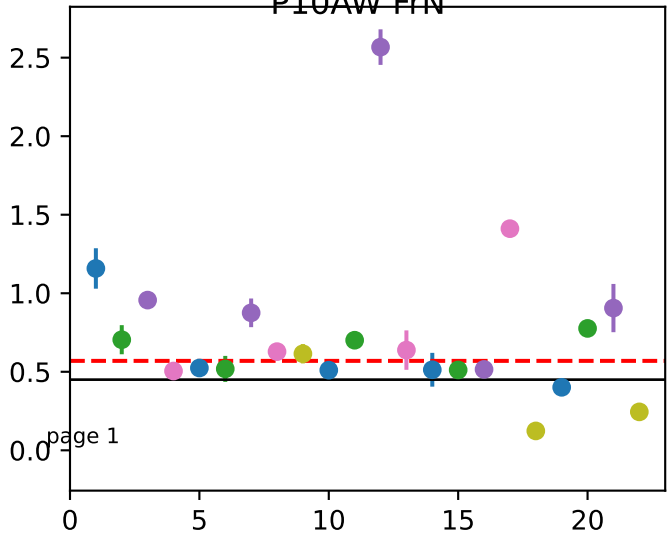


P10AW-032-33T5



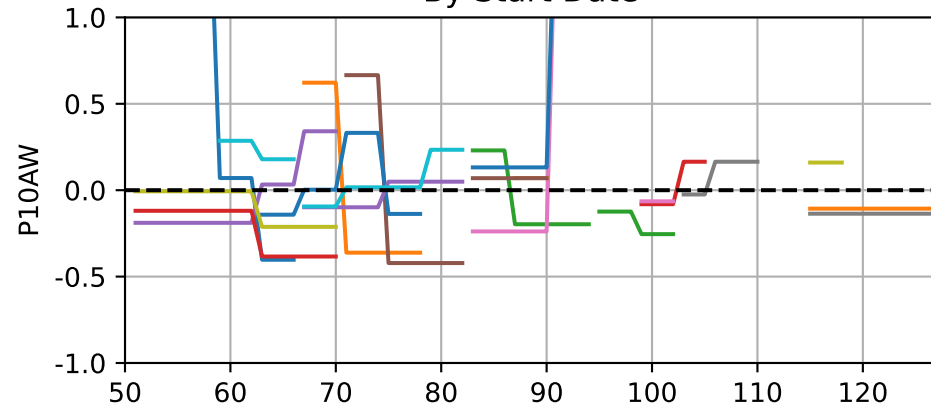
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P10AW FrN

P10AW

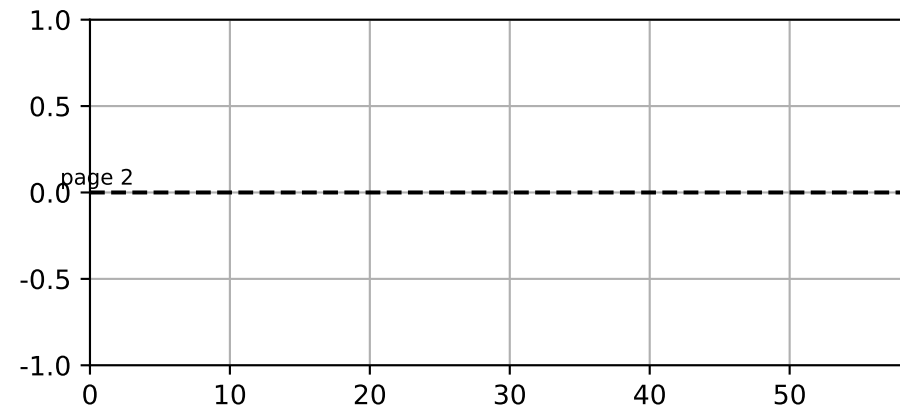
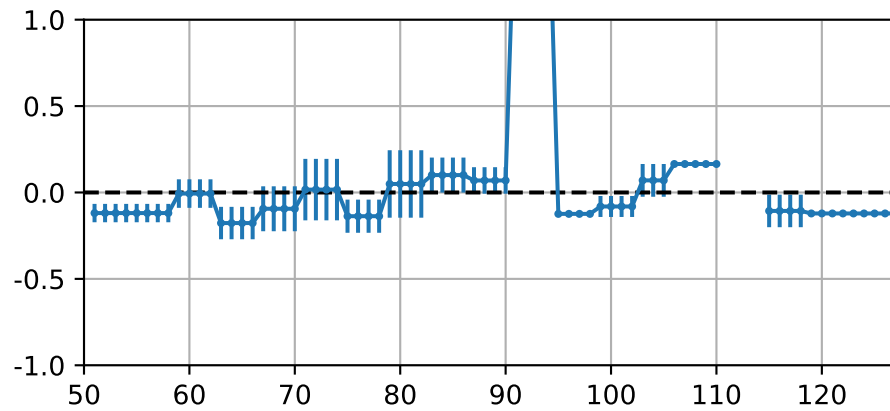
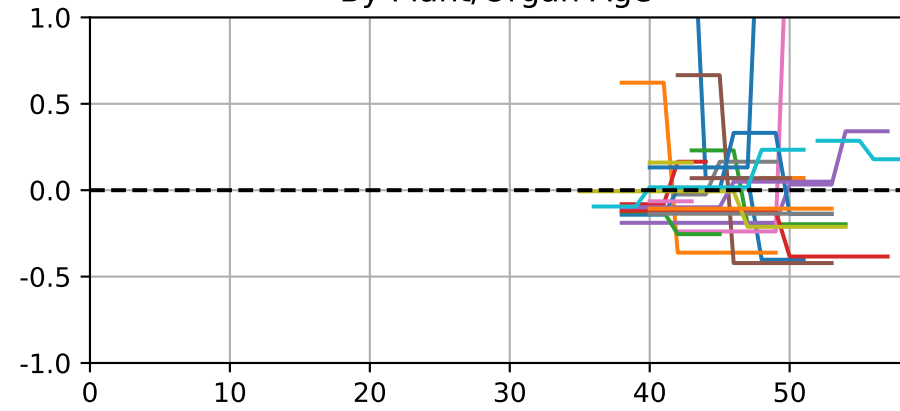


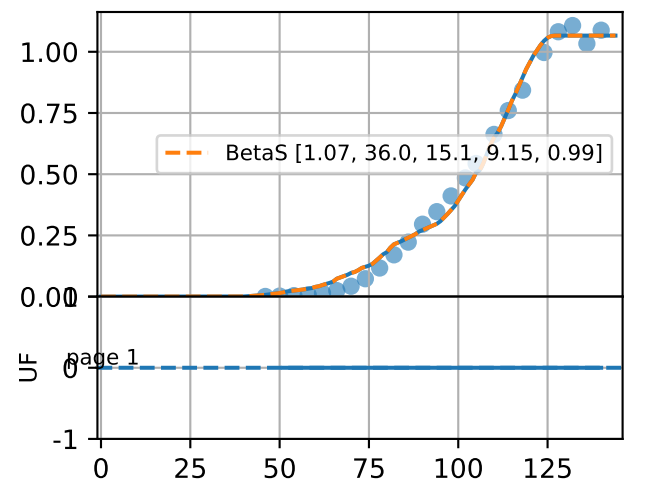
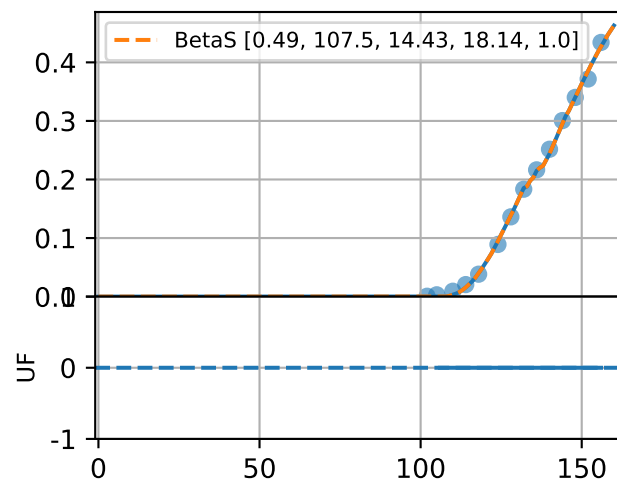
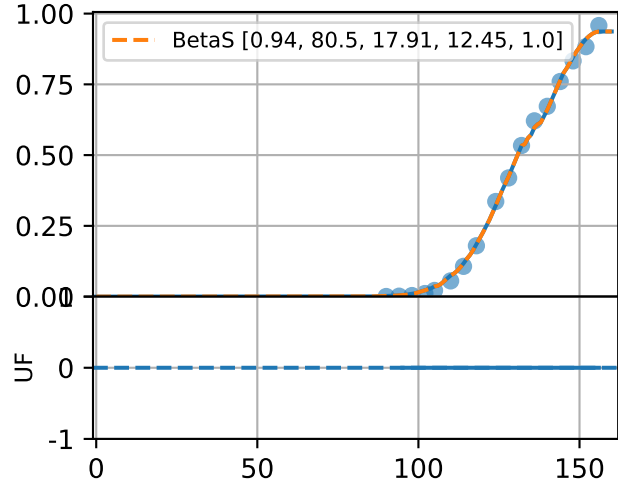
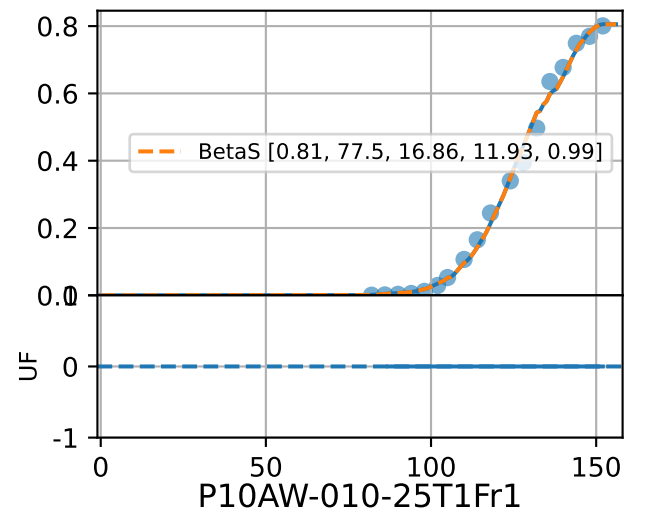
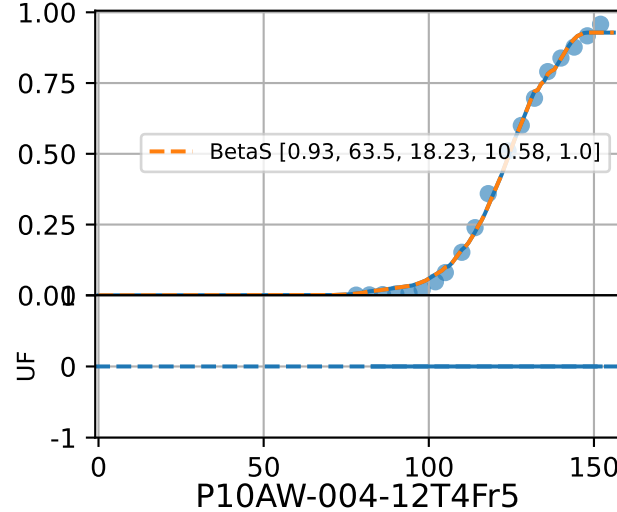
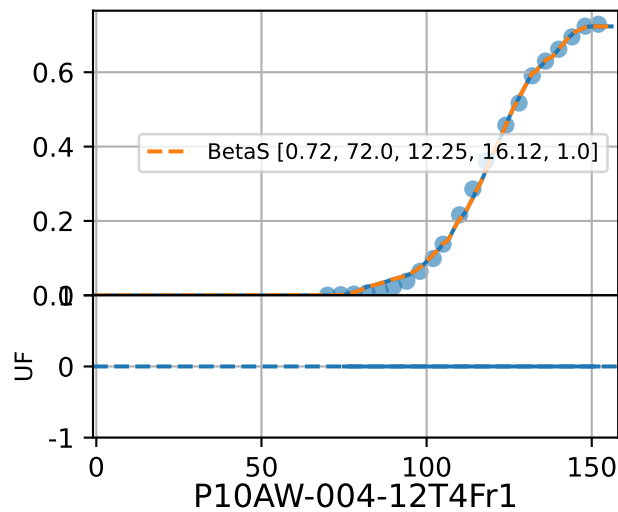
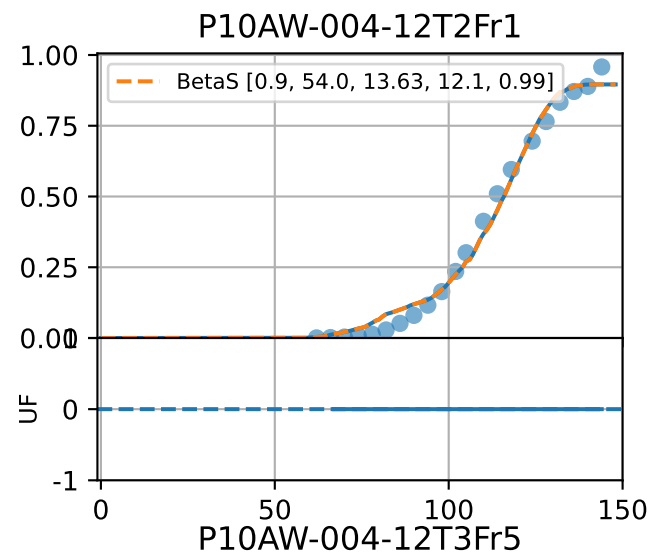
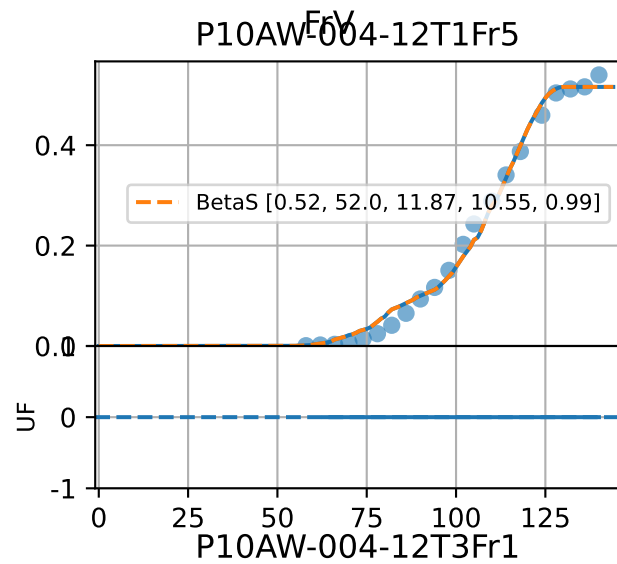
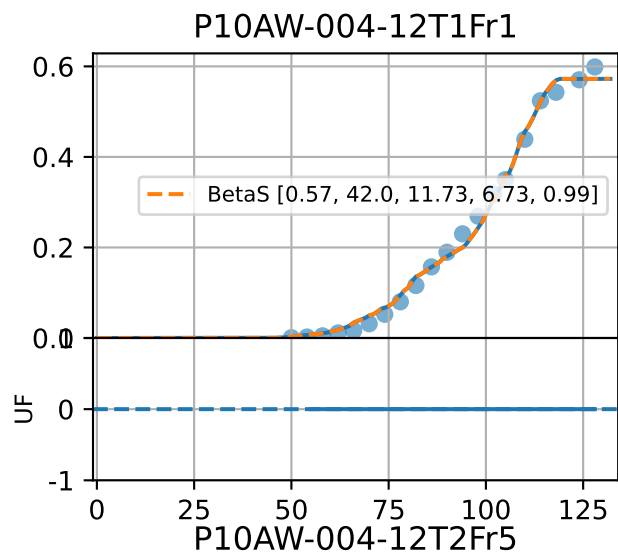
page 1

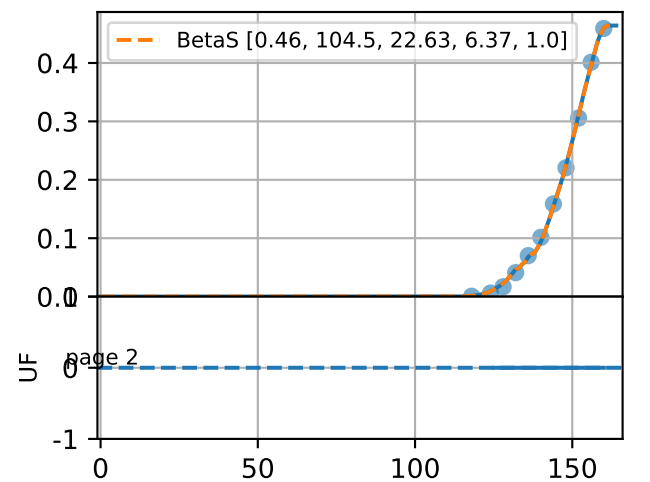
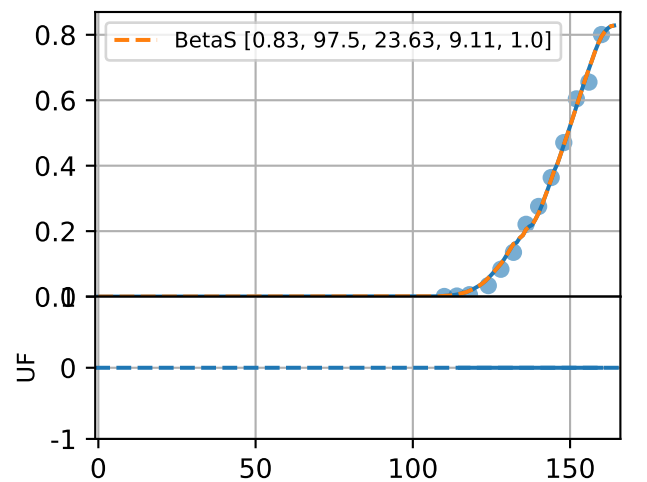
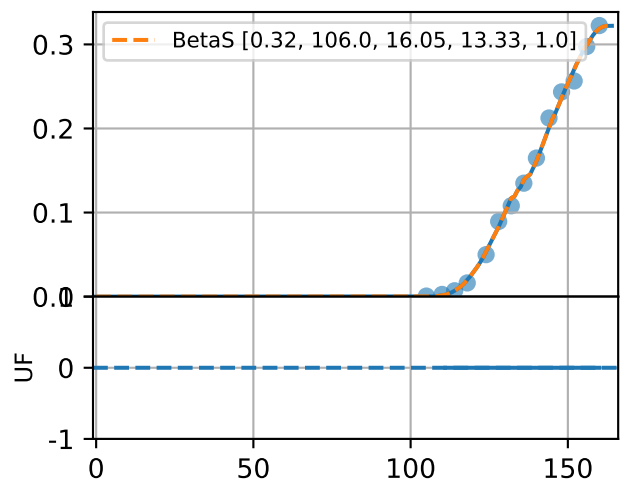
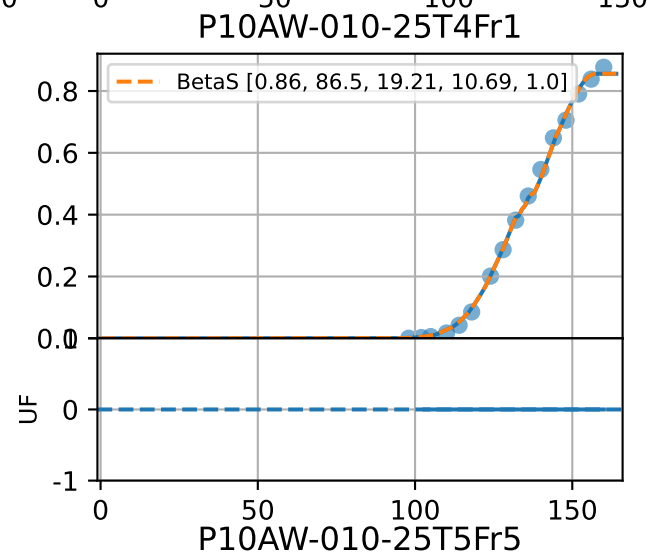
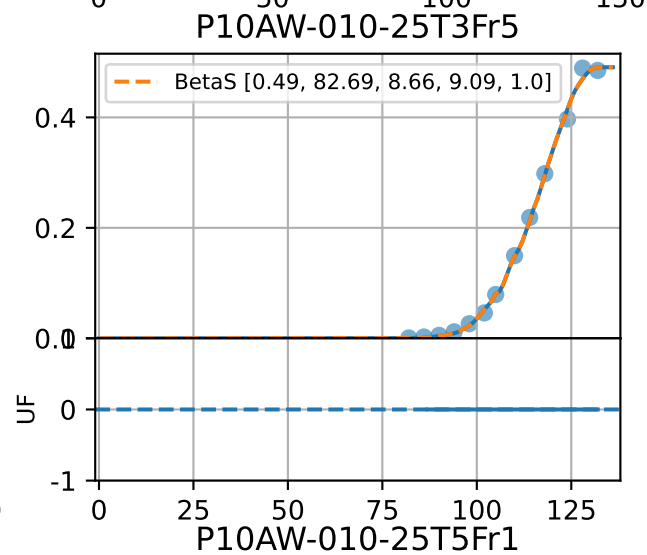
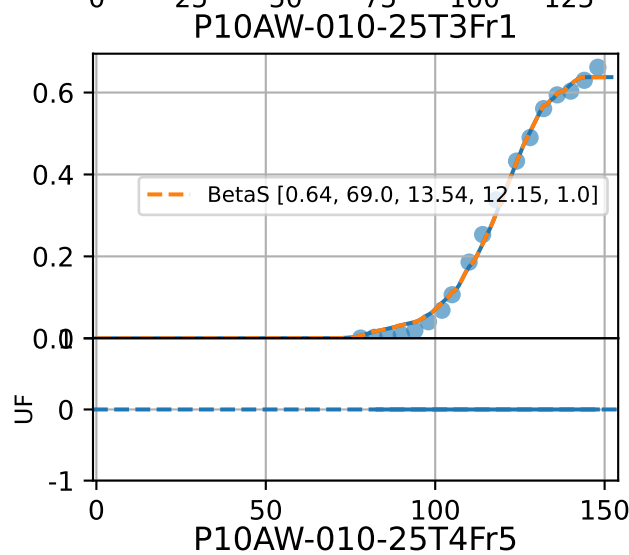
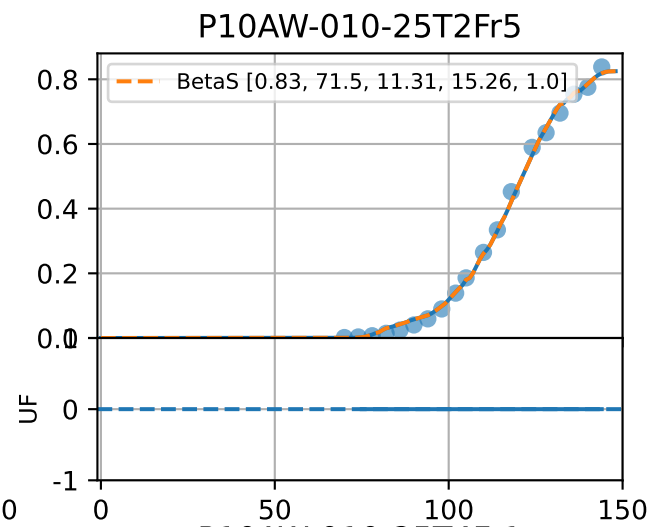
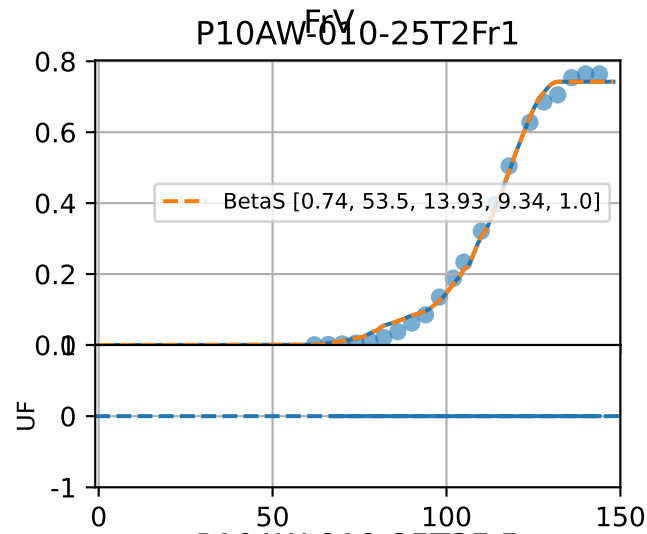
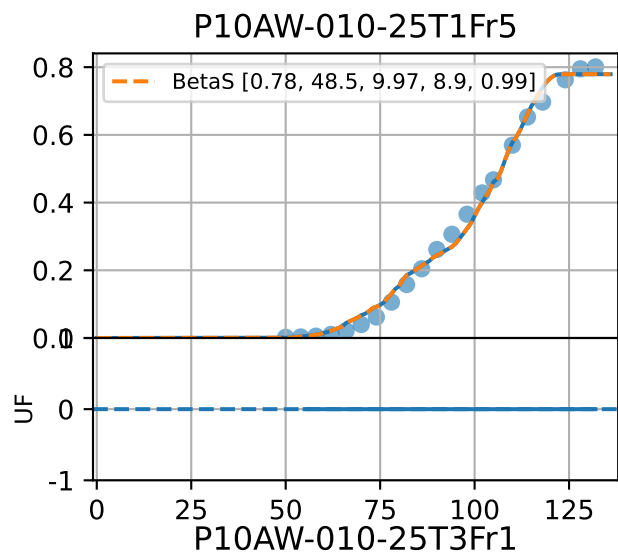
By Start Date



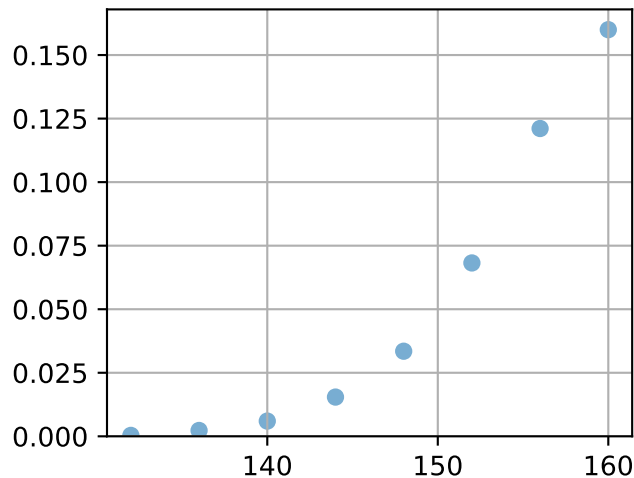
By Plant/Organ Age



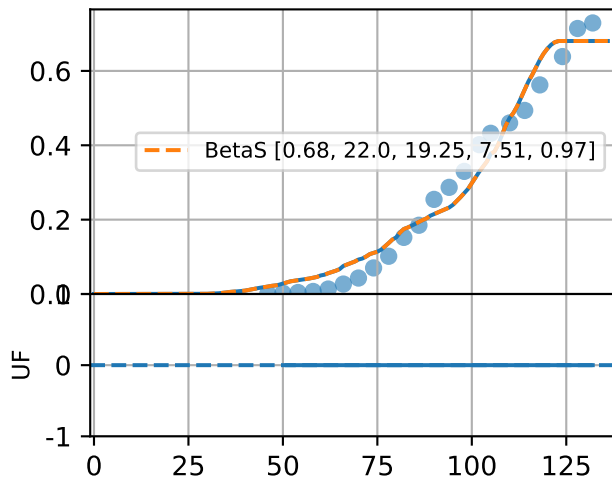




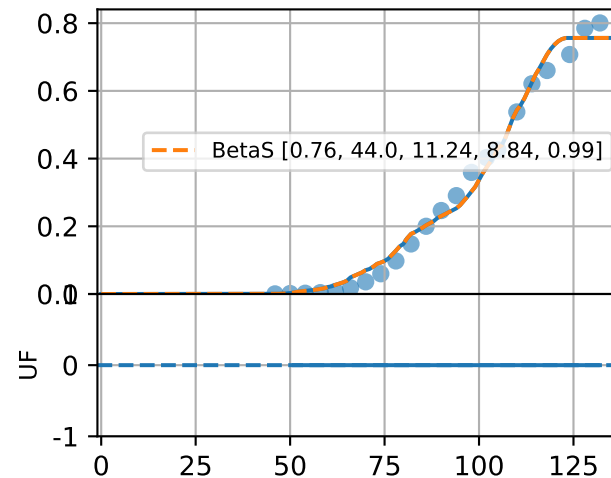
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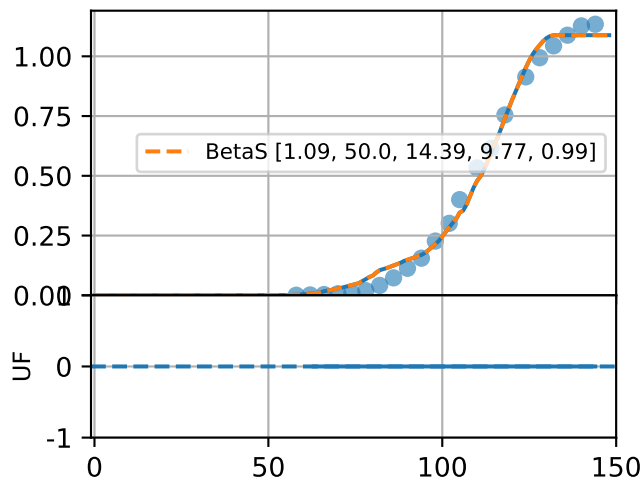
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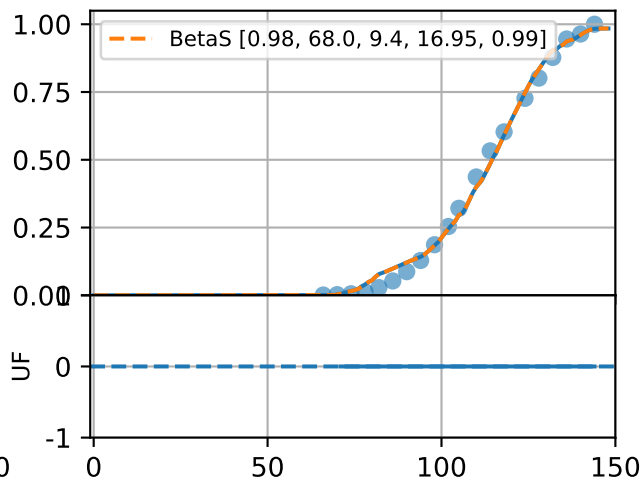
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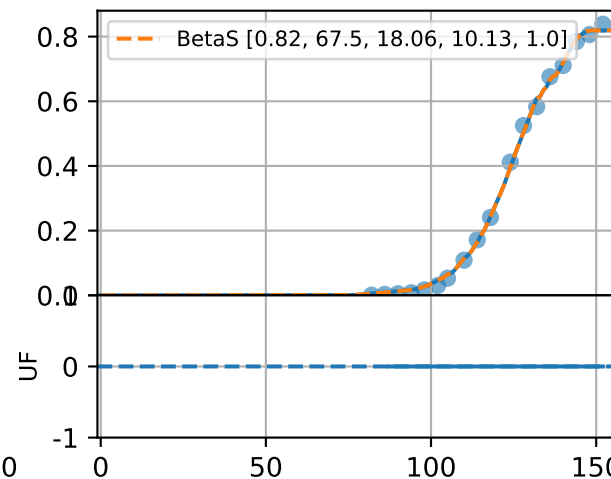
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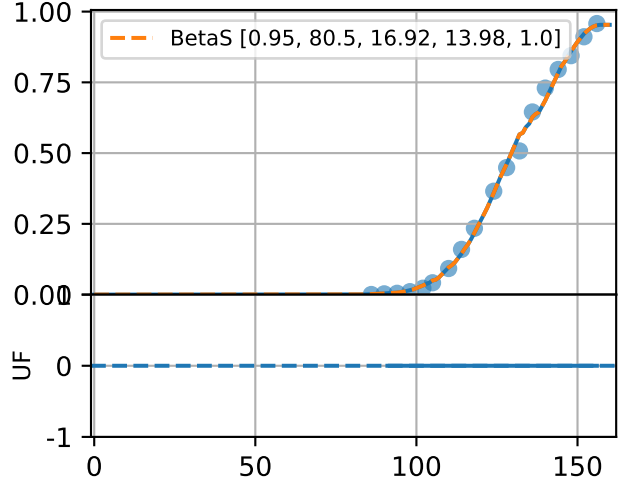
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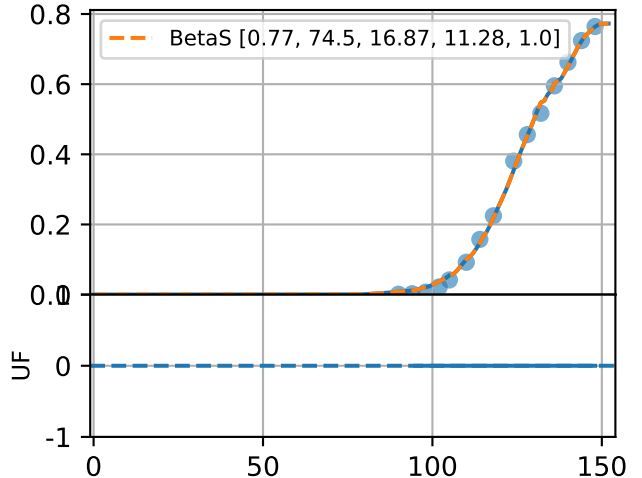
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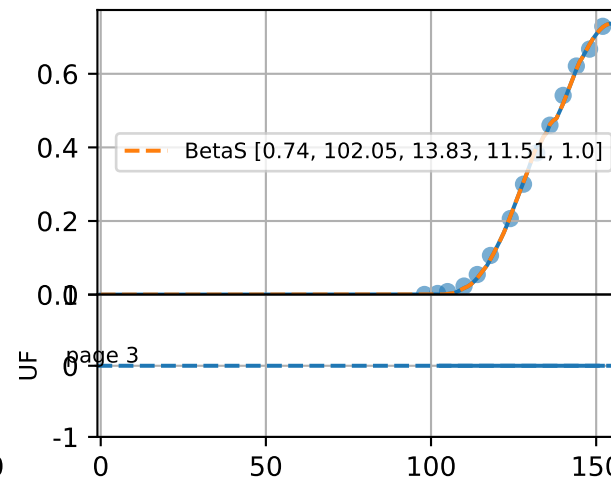
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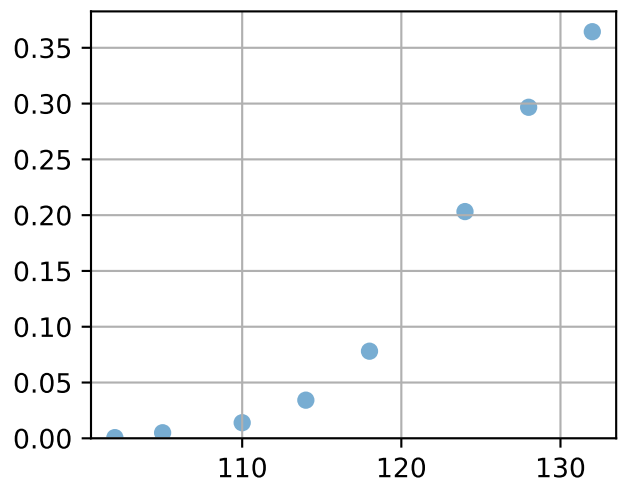
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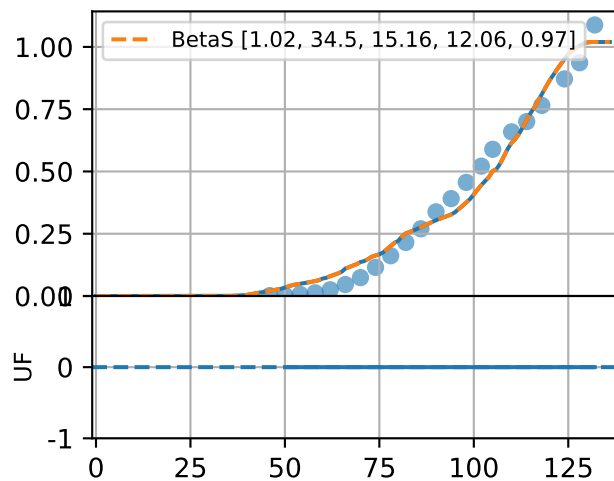
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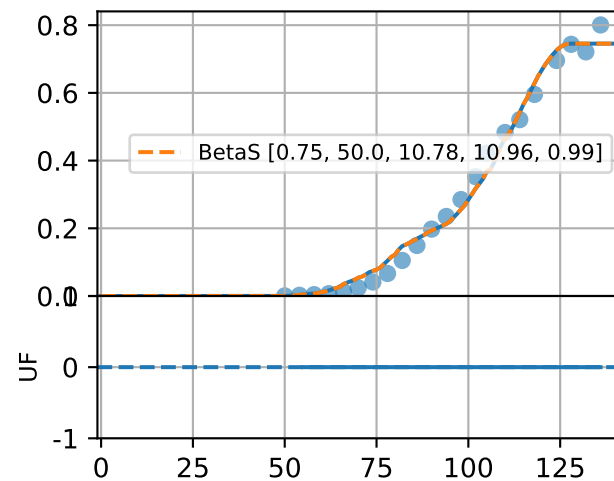
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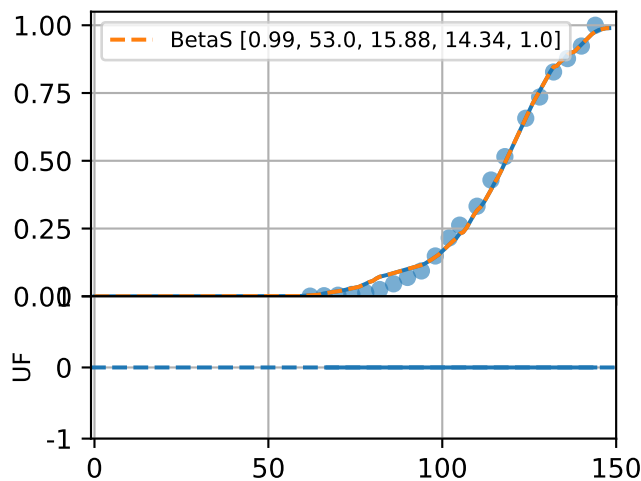
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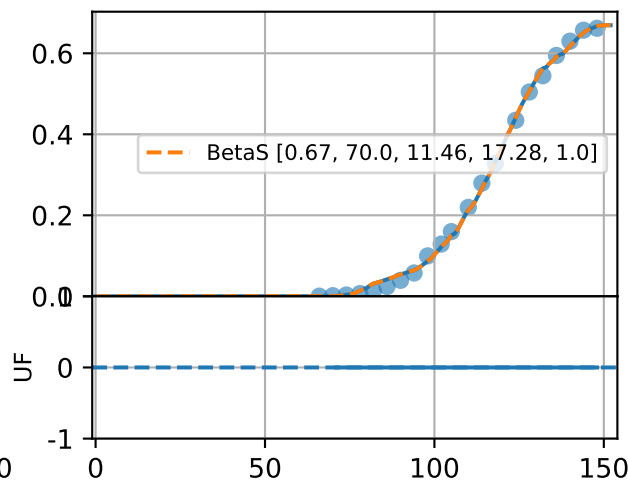
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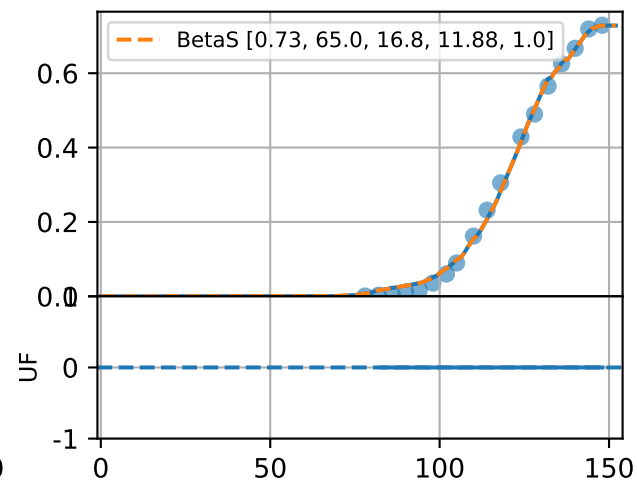
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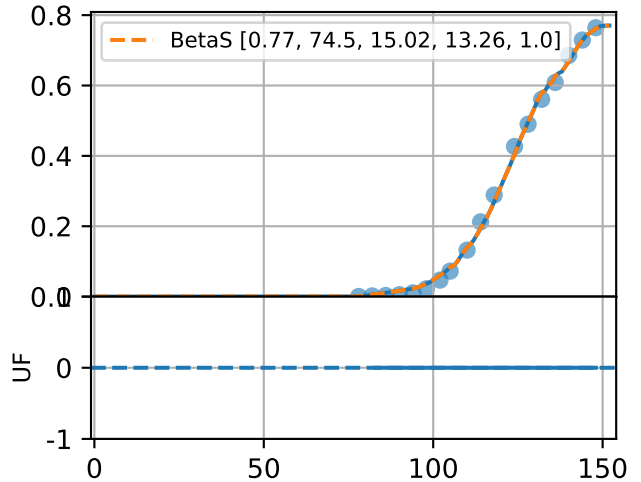
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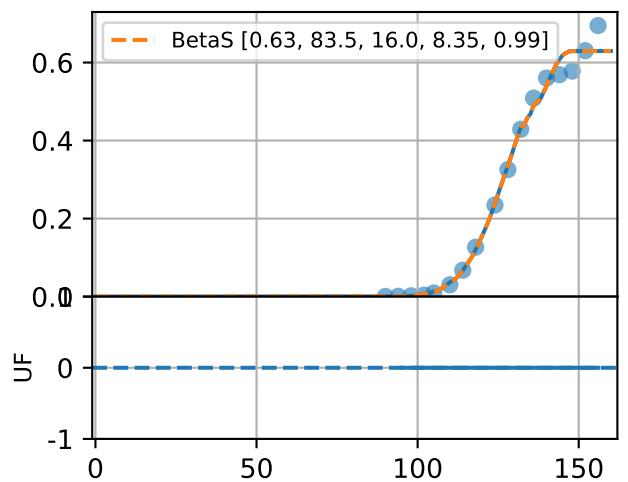
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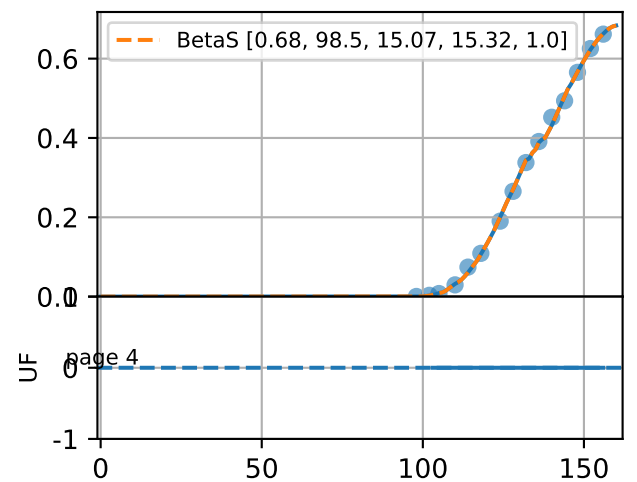
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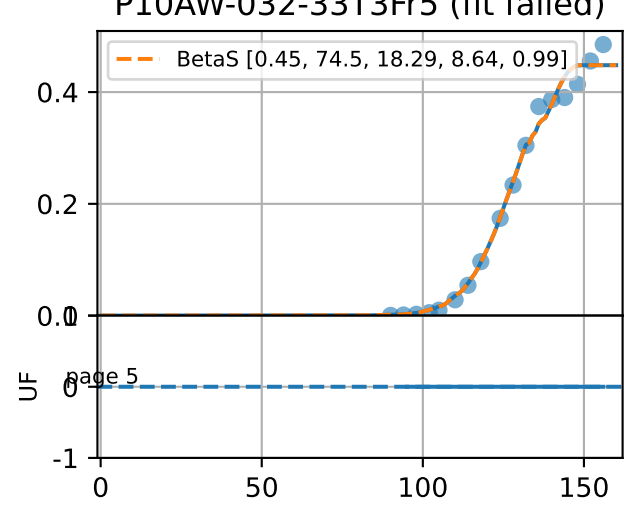
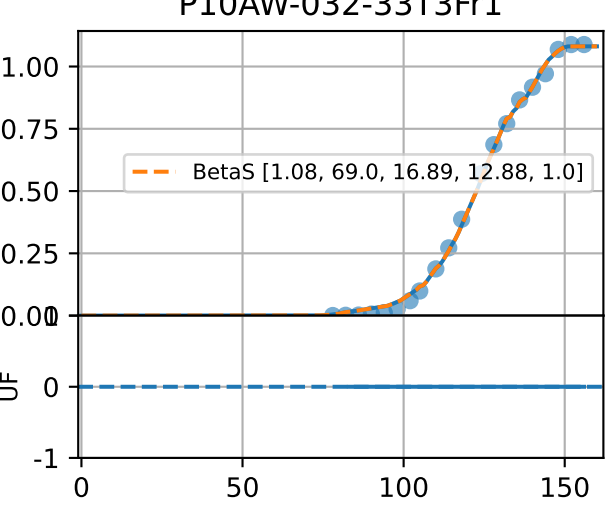
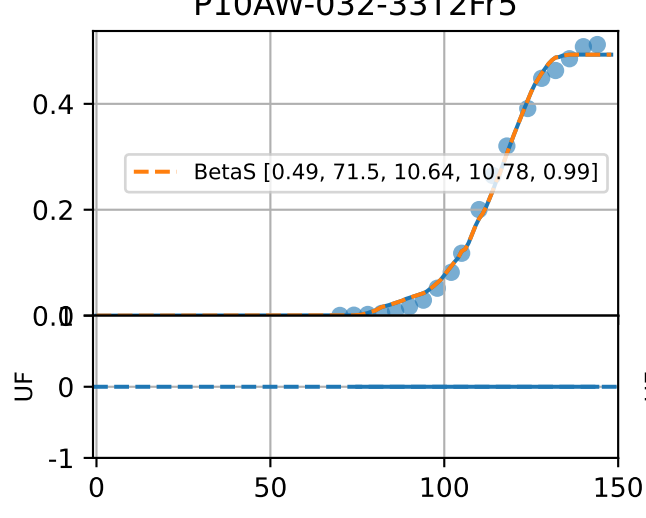
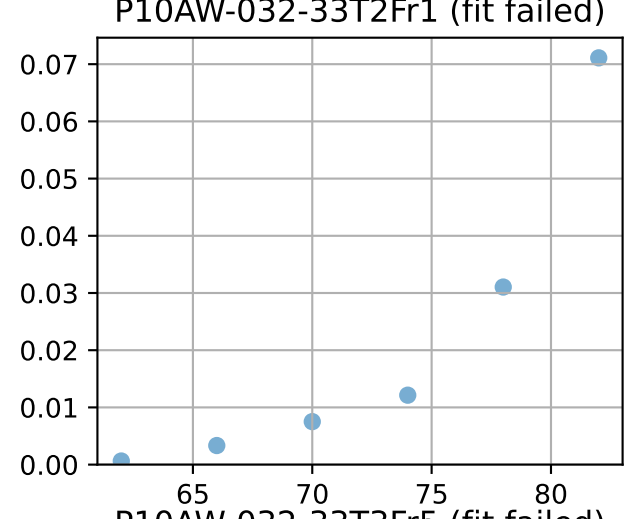
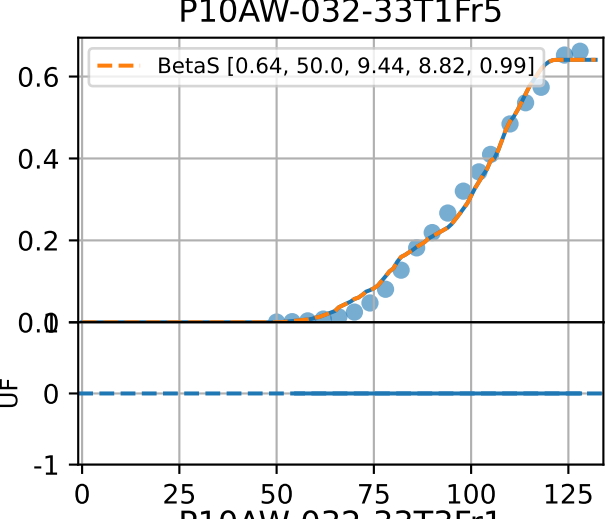
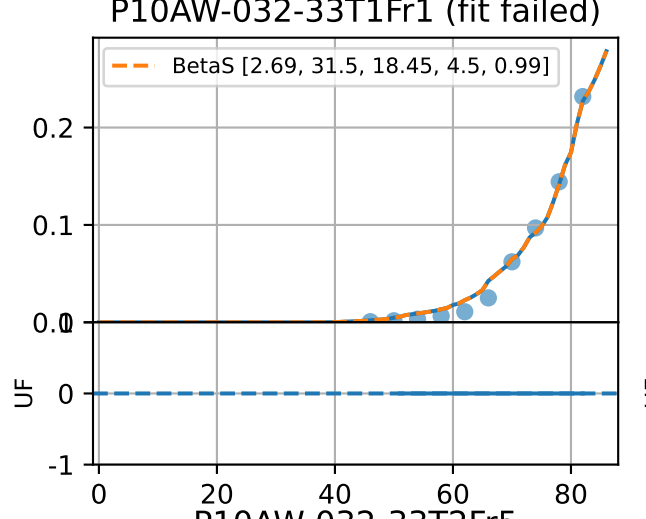
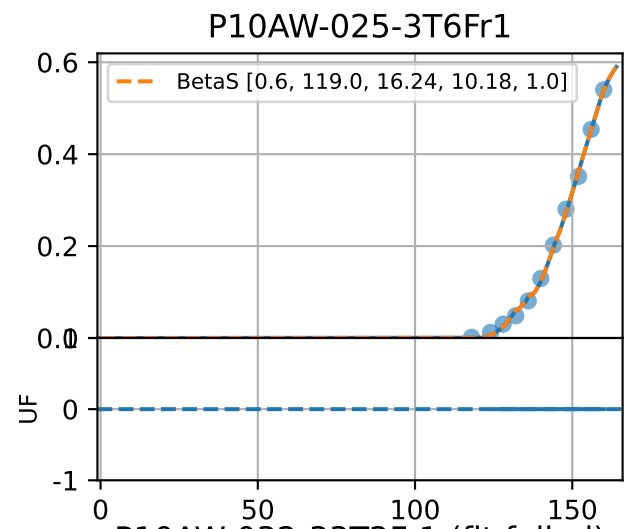
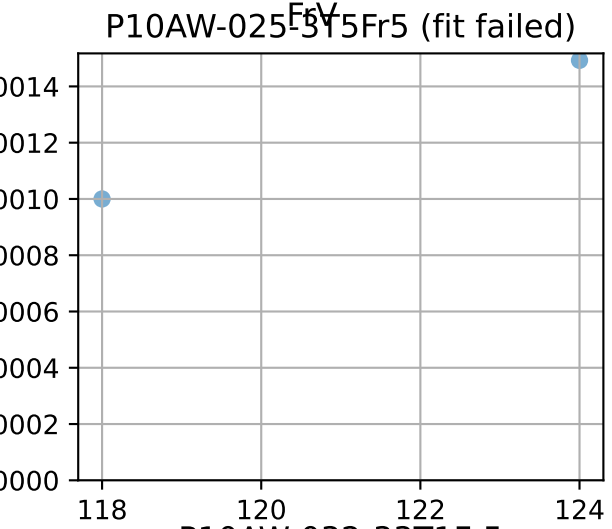
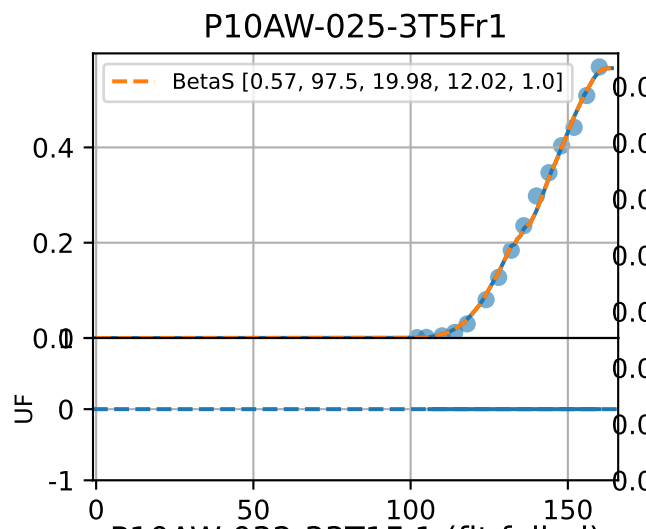


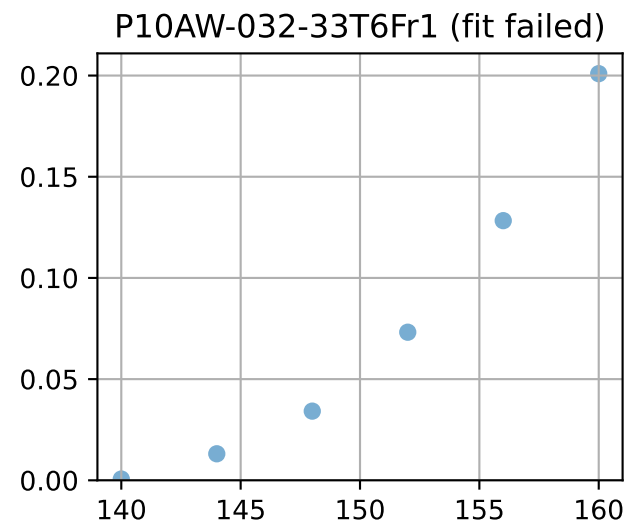
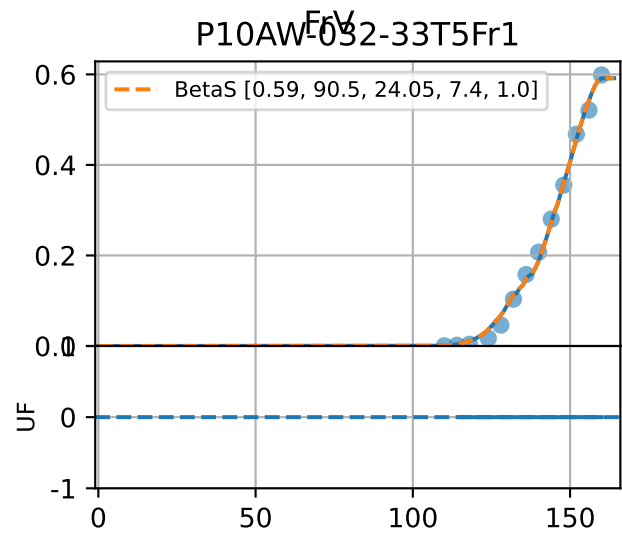
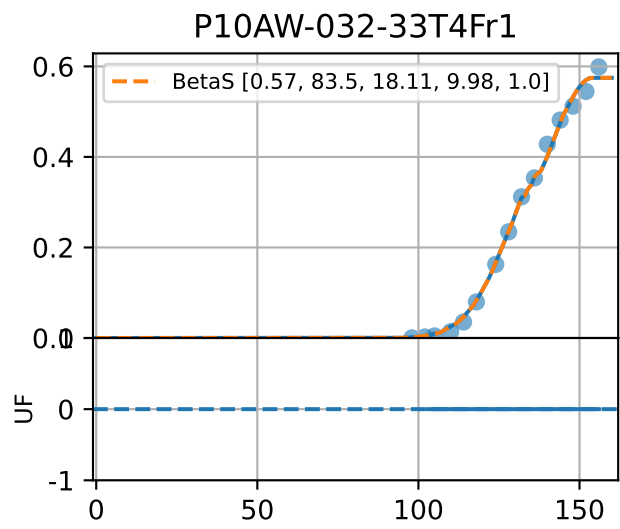
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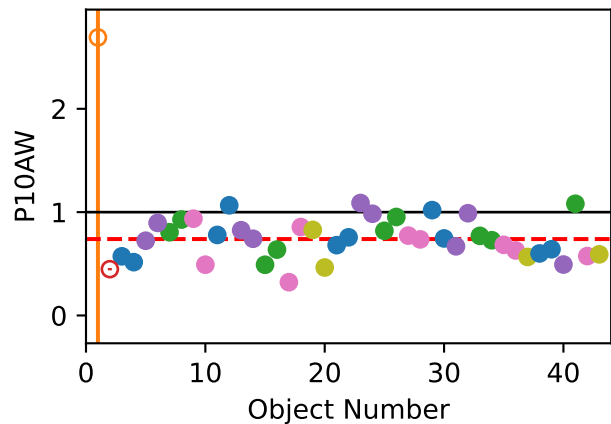
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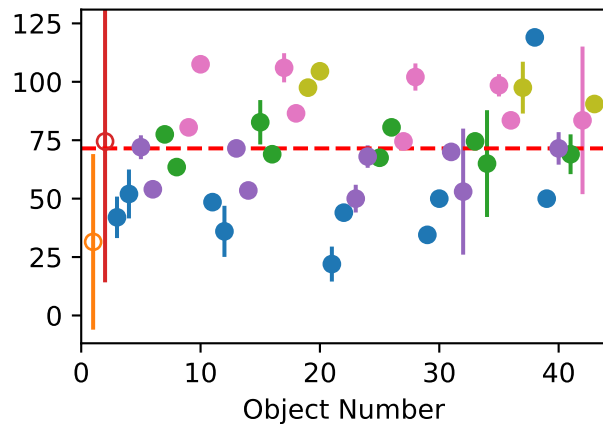




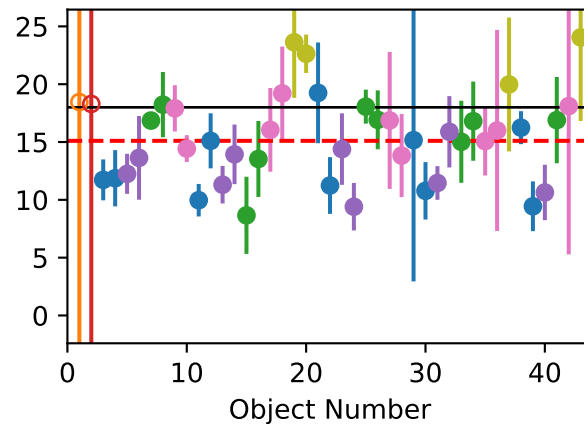
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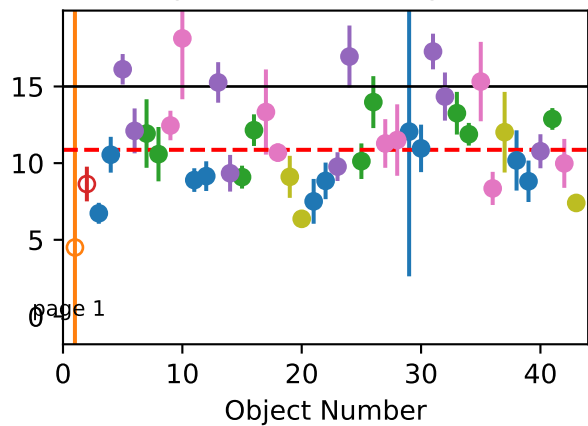
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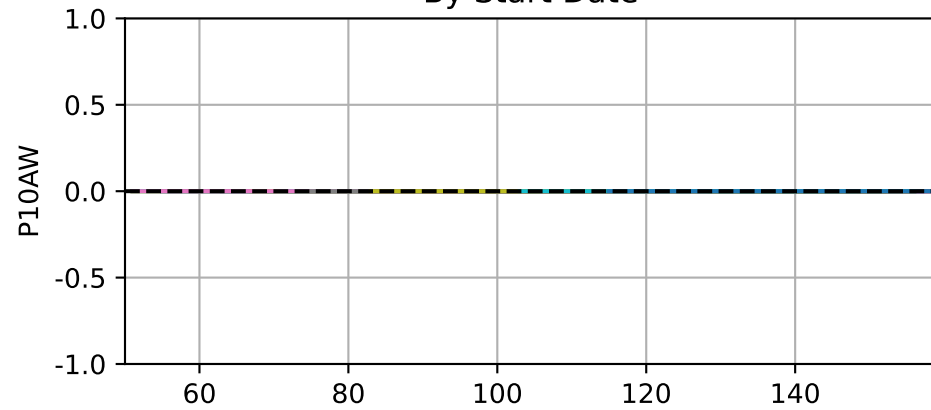
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avg1=15.1~25% avg2=na



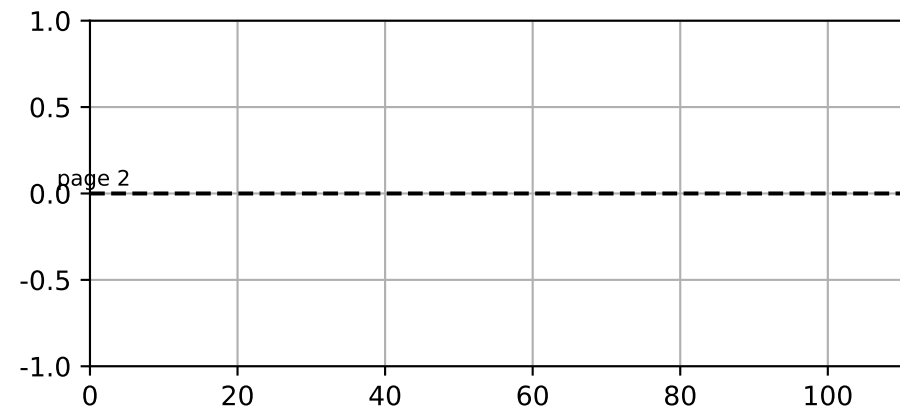
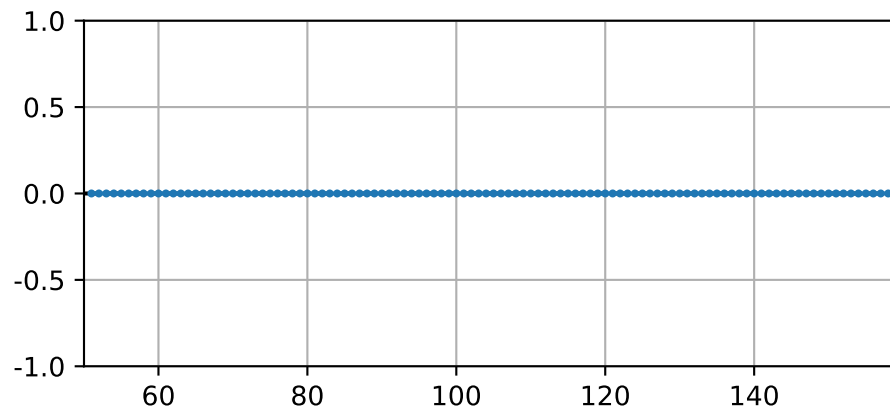
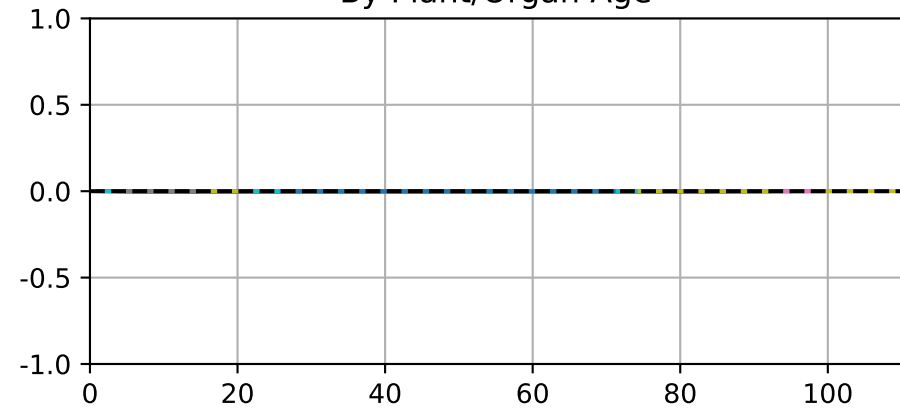
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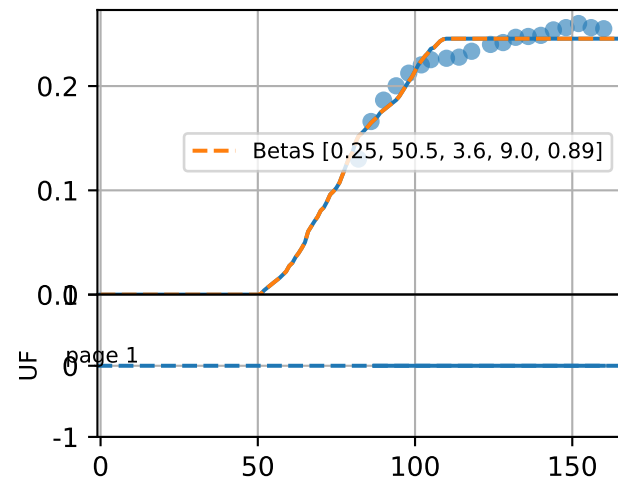
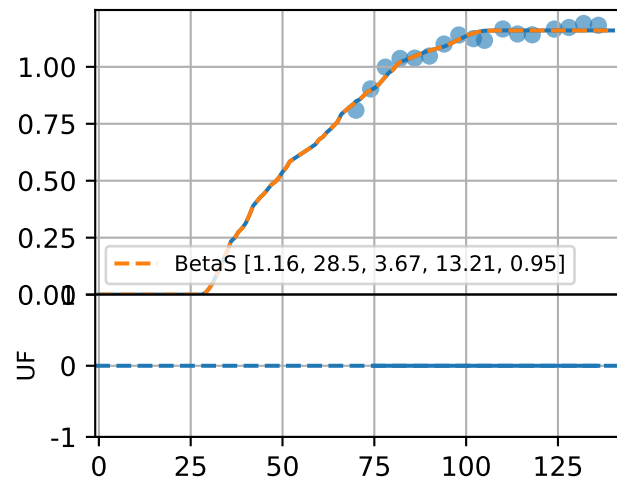
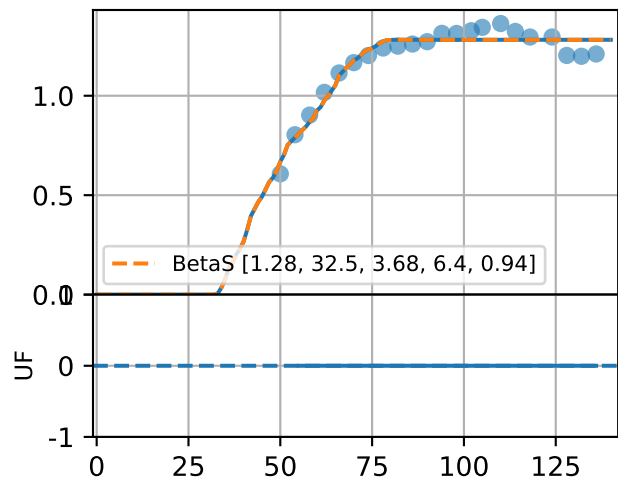
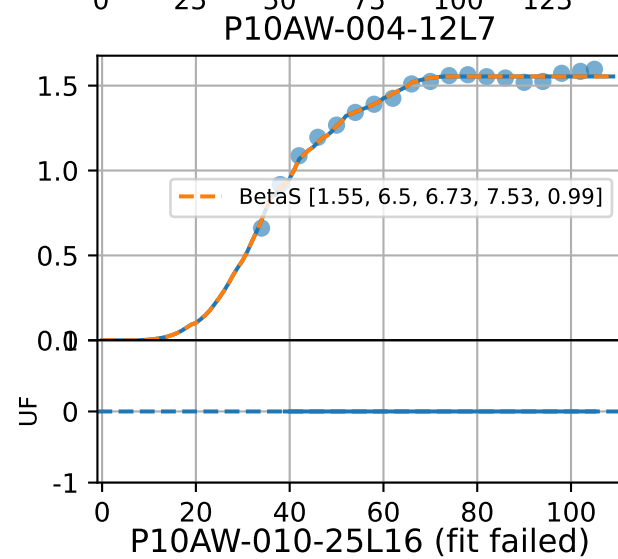
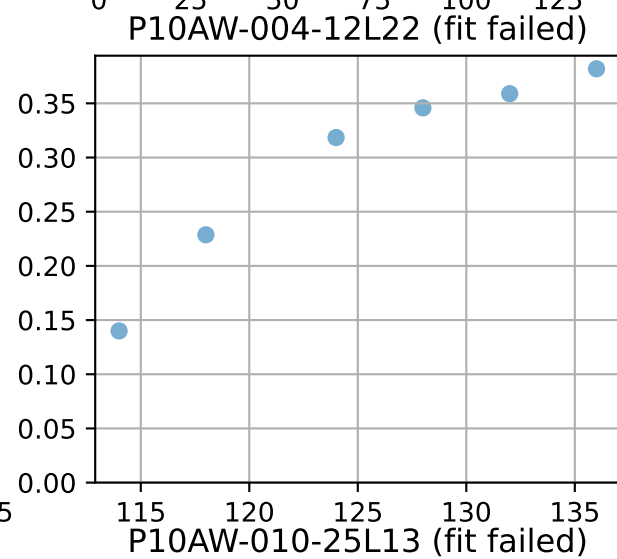
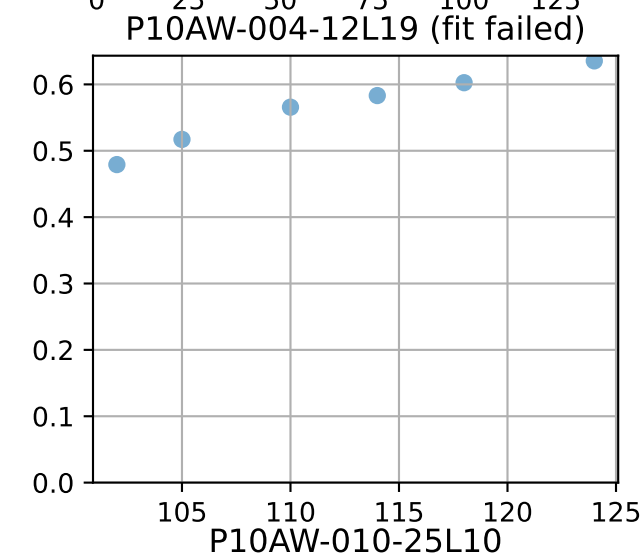
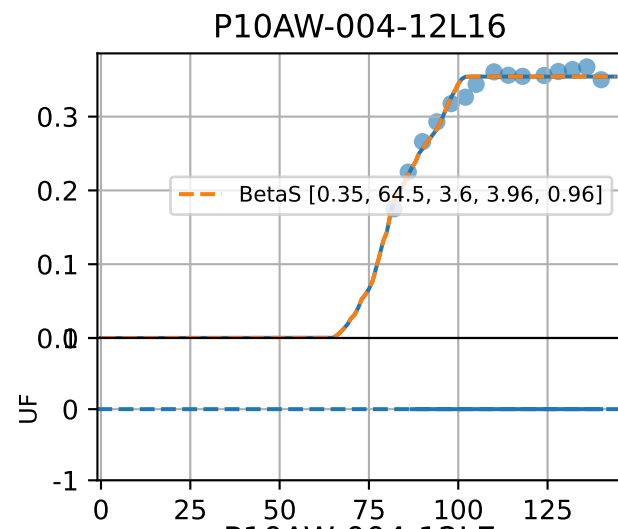
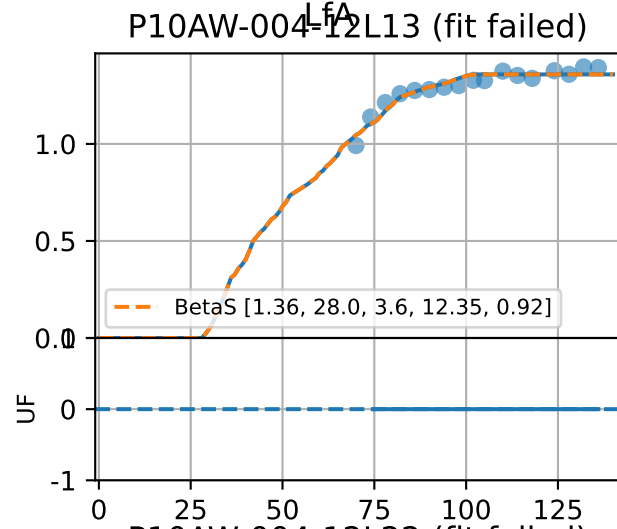
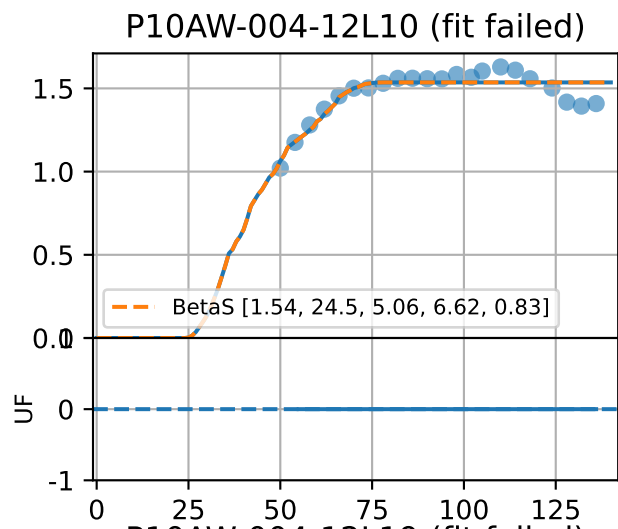


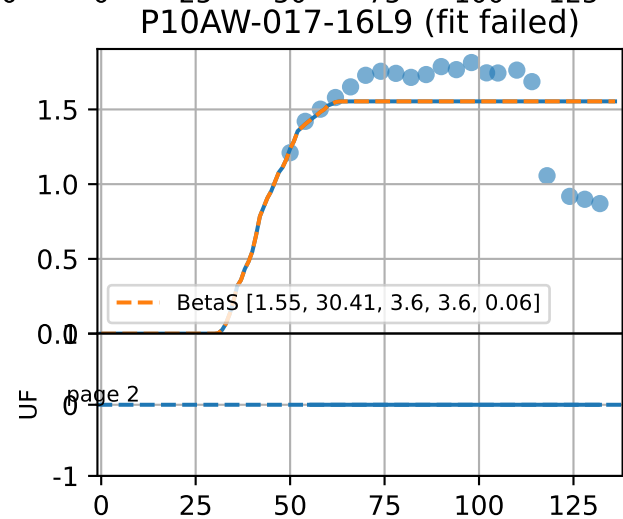
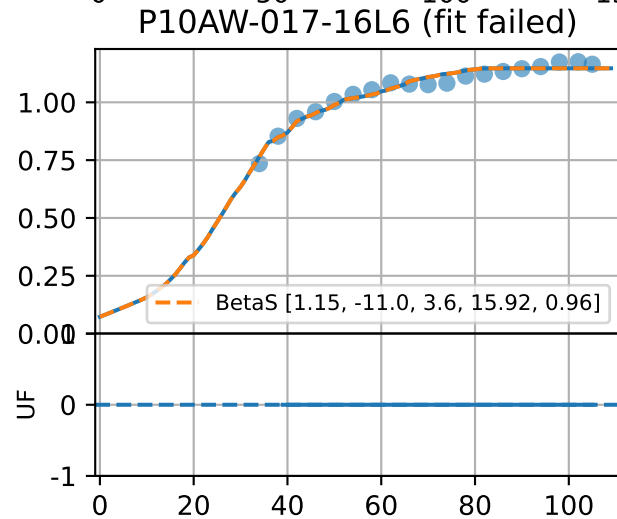
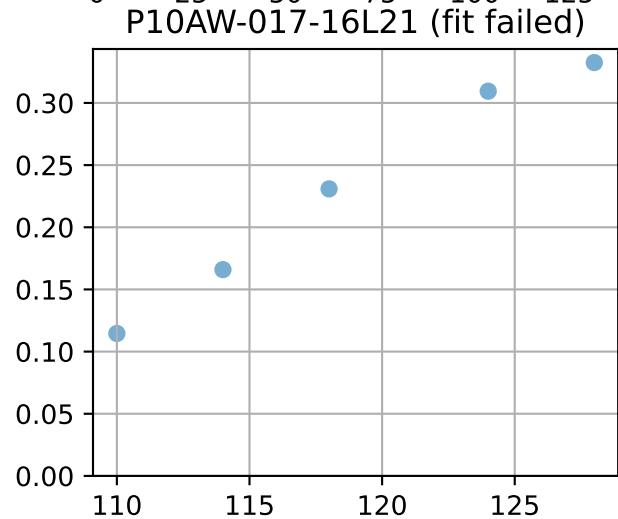
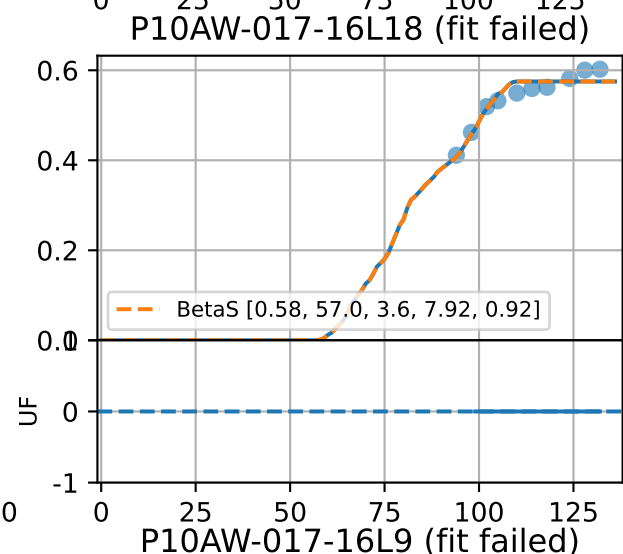
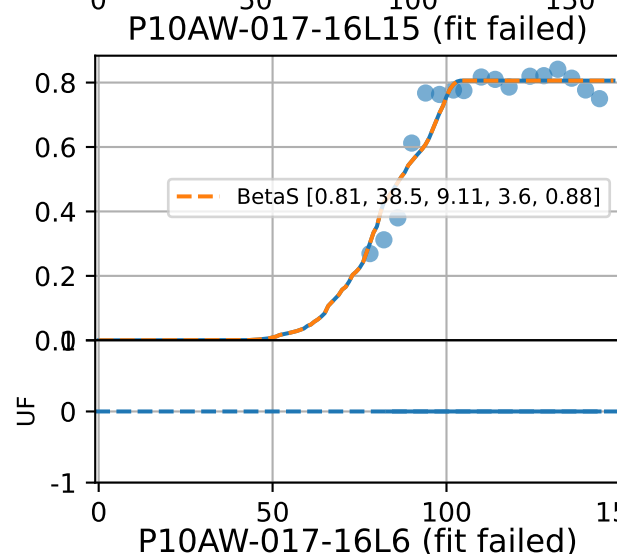
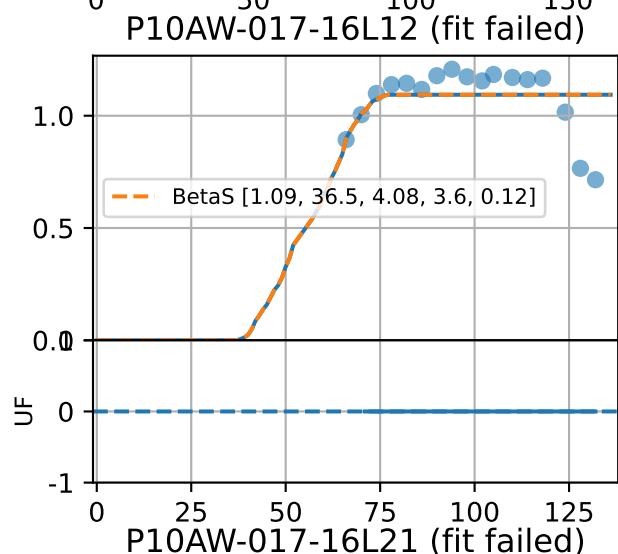
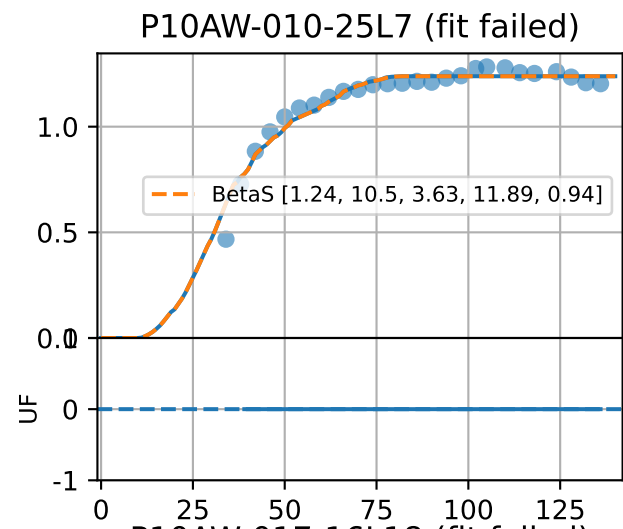
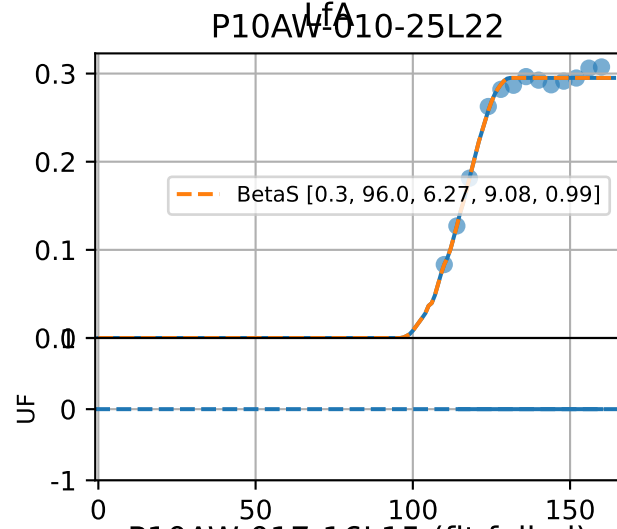
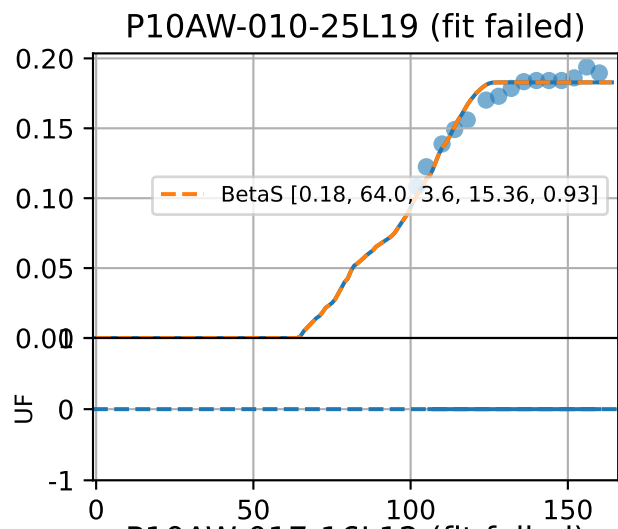
By Start Date

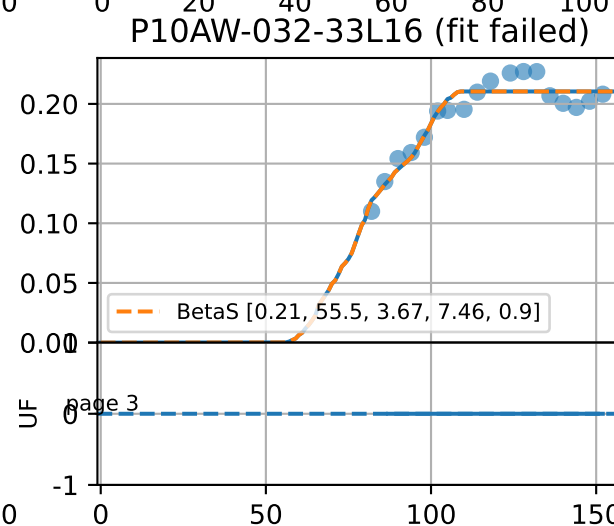
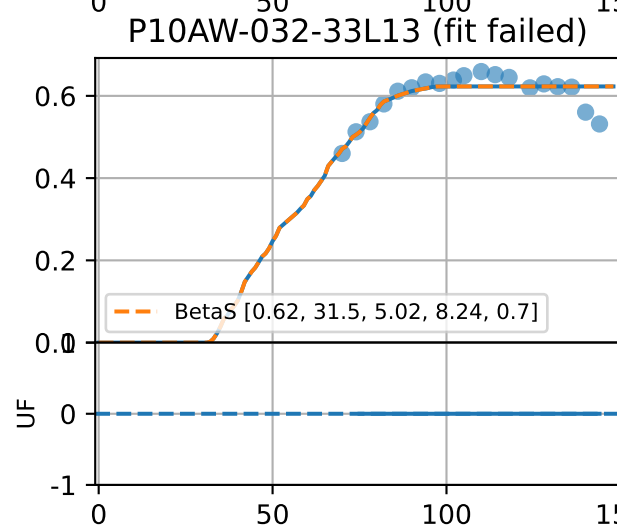
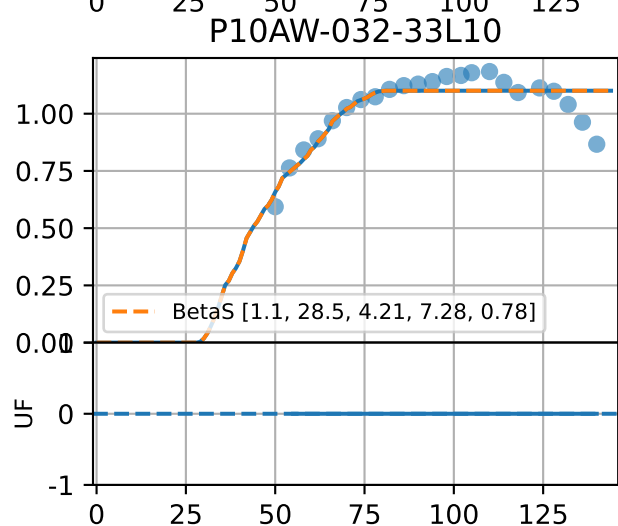
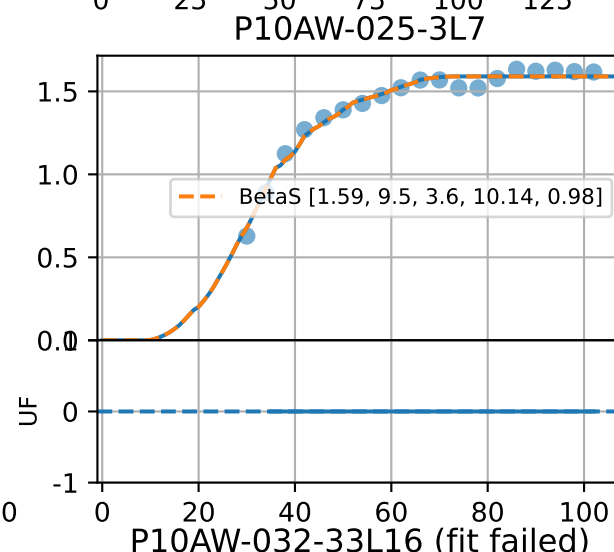
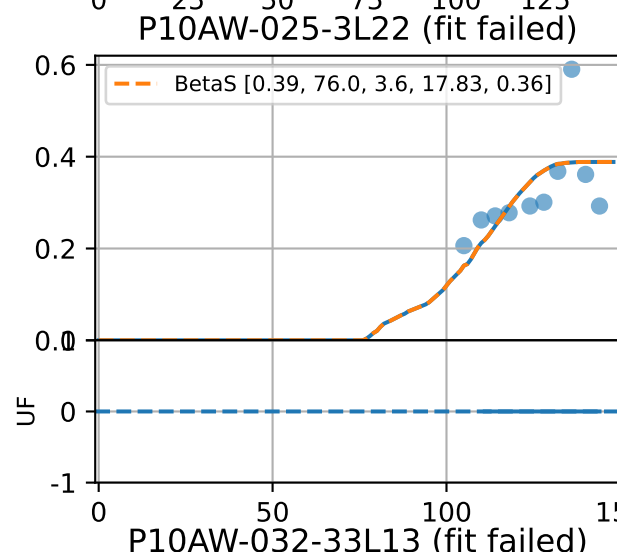
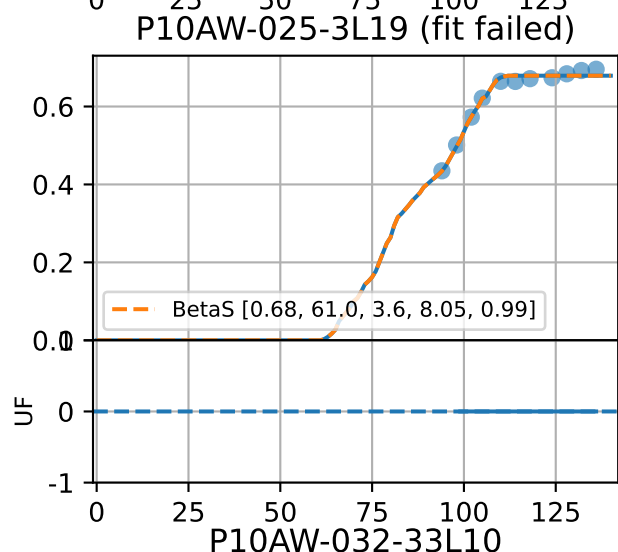
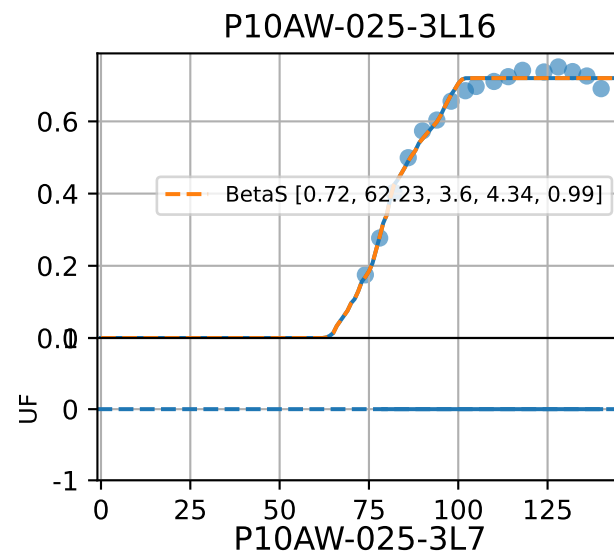
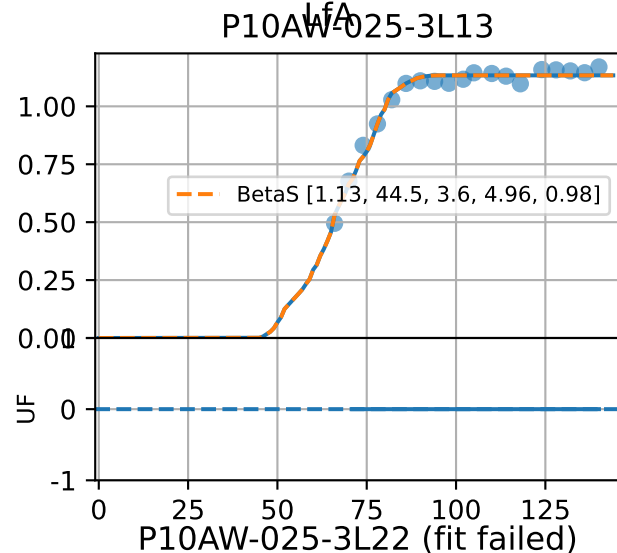
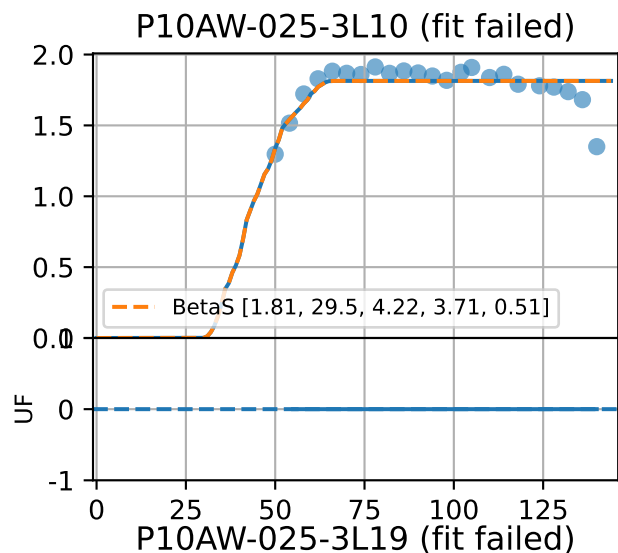


By Plant/Organ Age

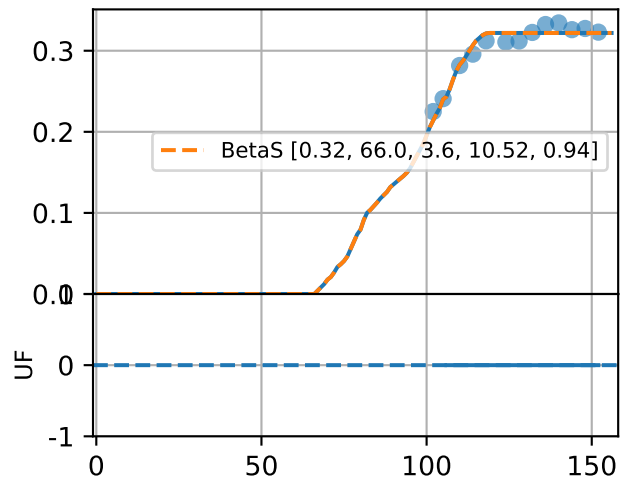




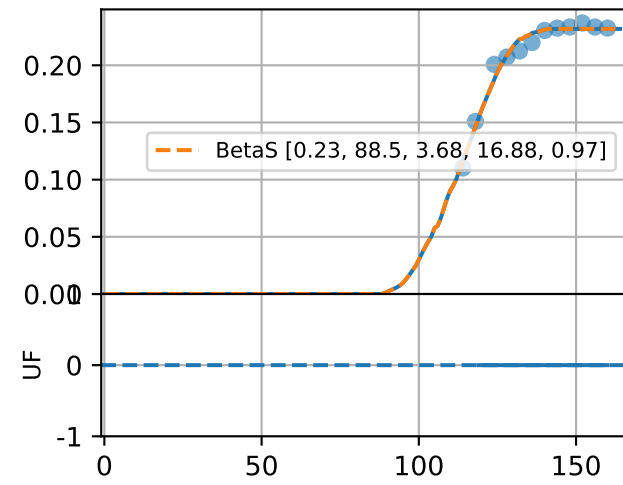




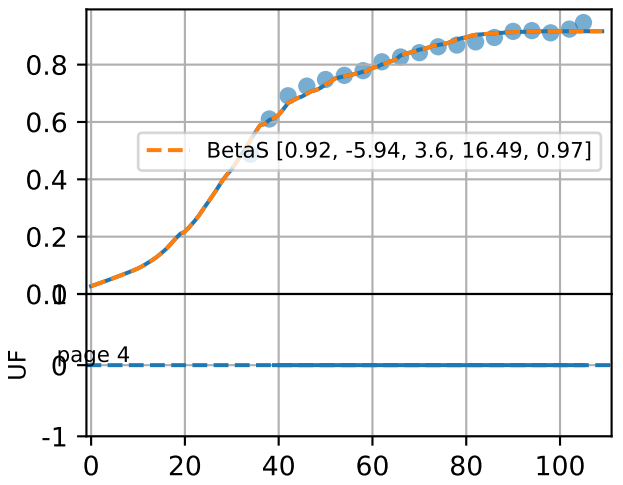
P10AW-032-33L19 (fit failed)

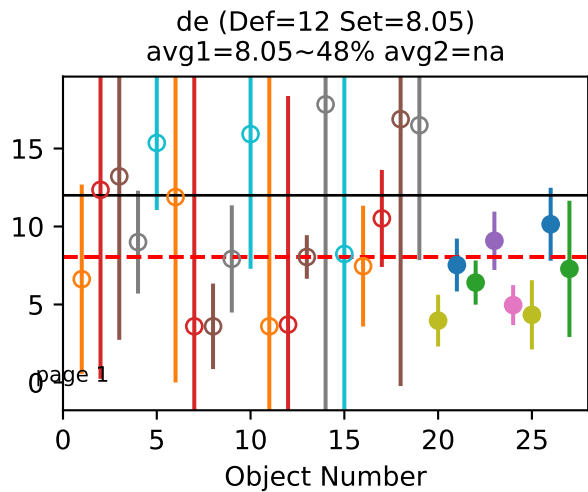
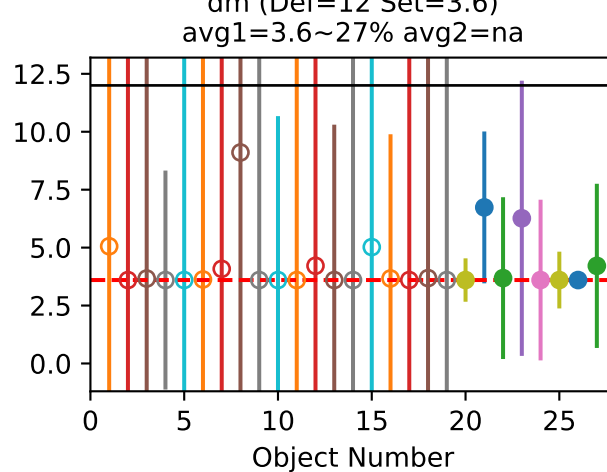
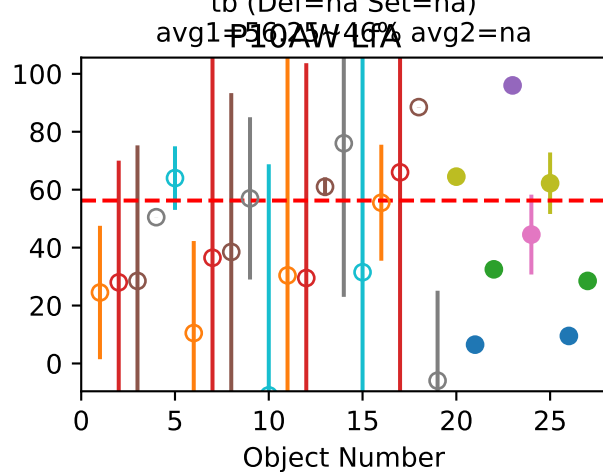
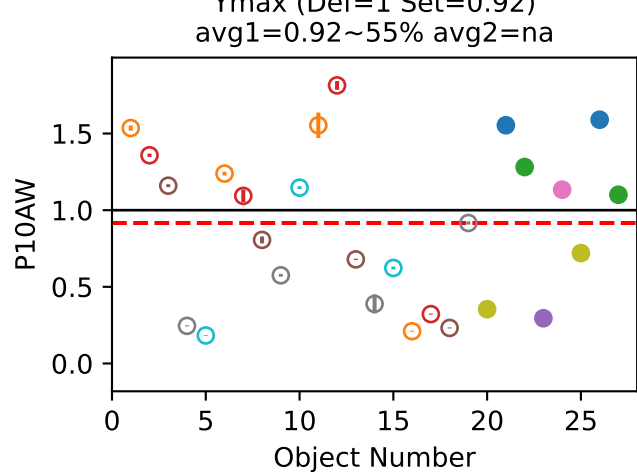


P10AW-032-33L22 (fit failed)

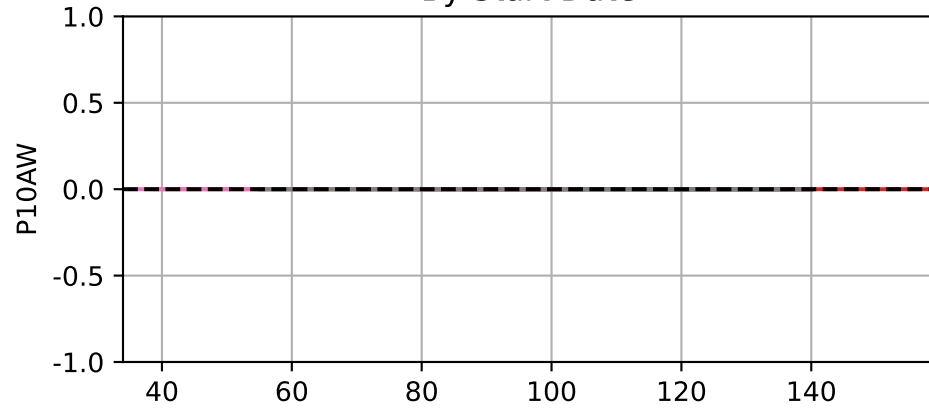


P10AW-032-33L7 (fit failed)

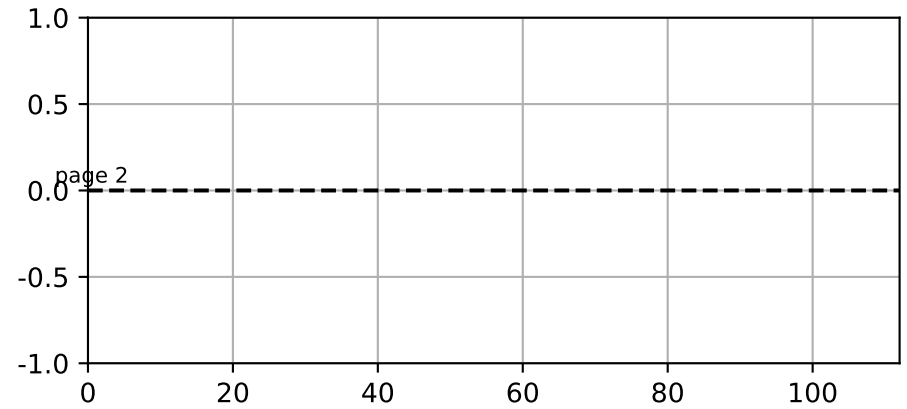
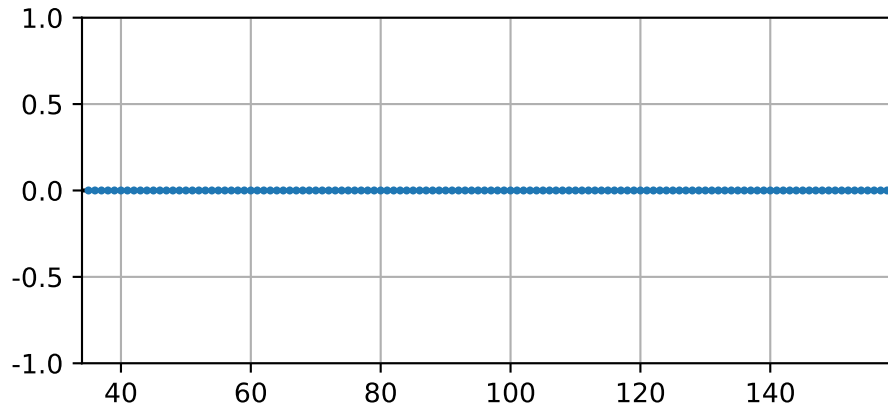
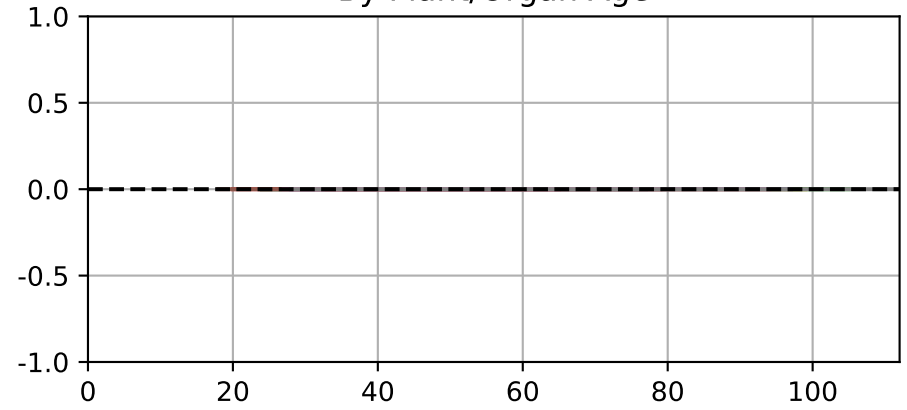


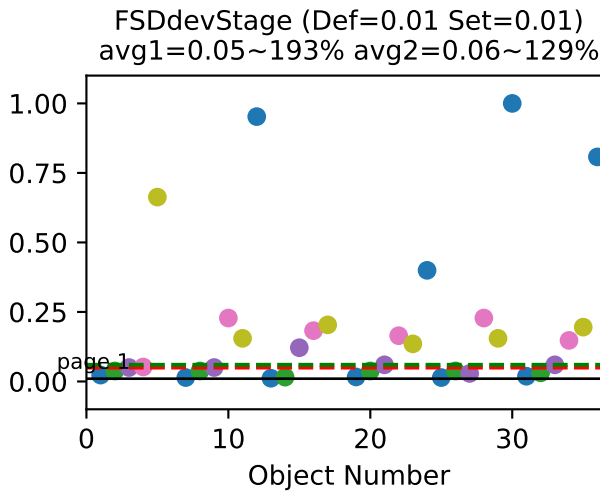
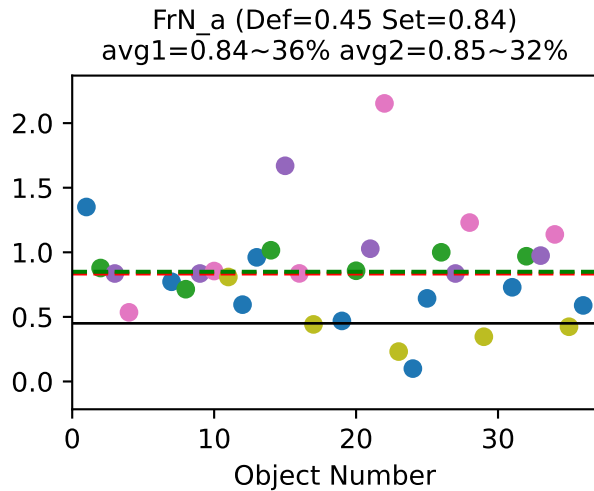
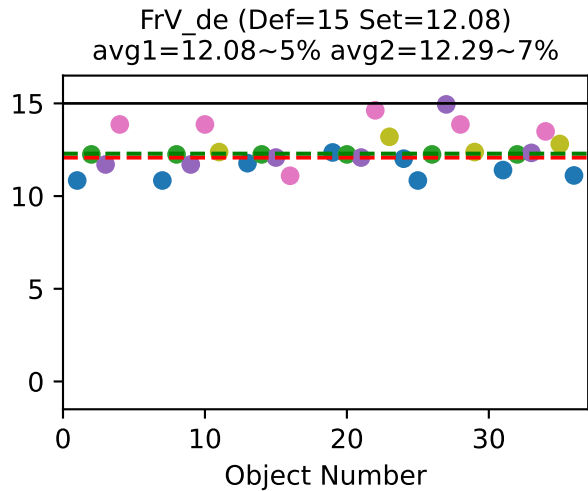
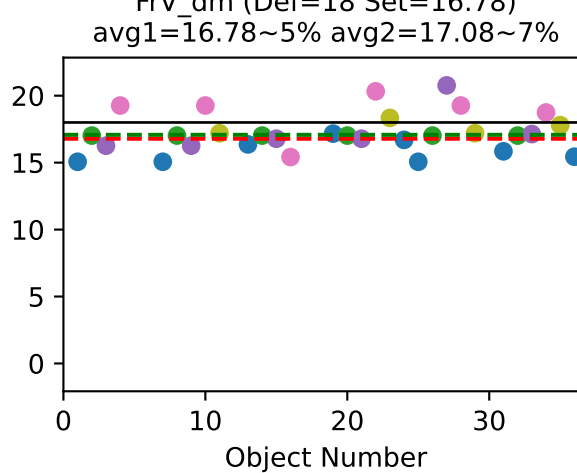
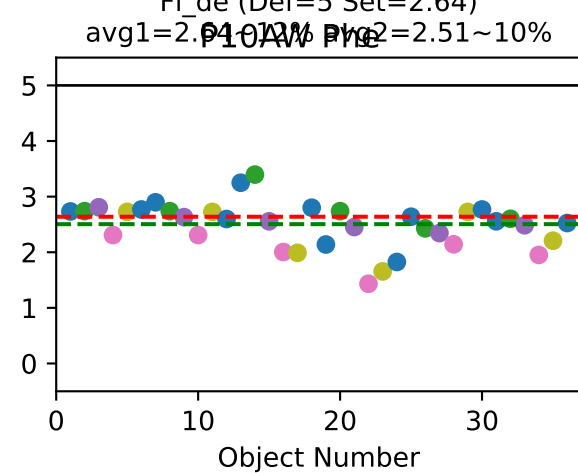
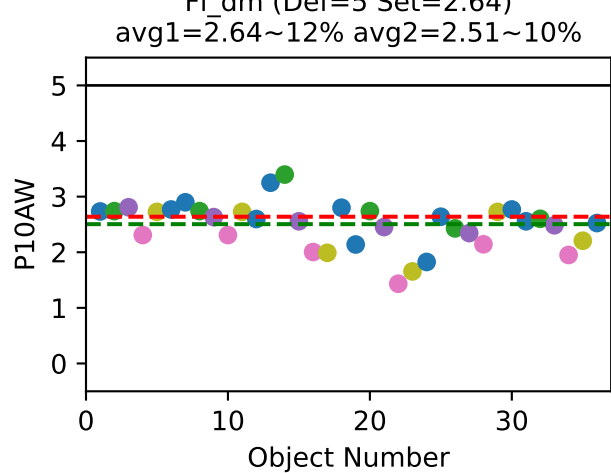


By Start Date

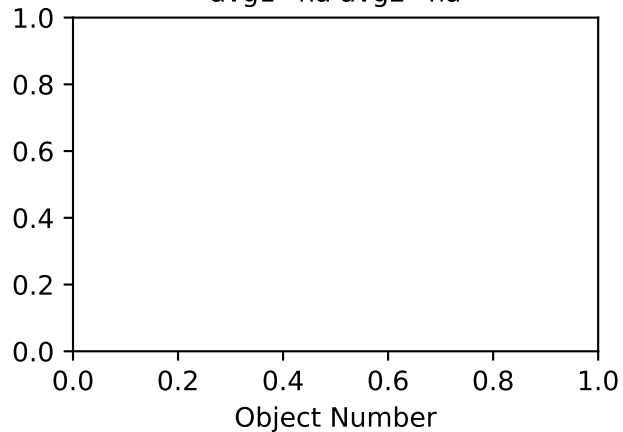


By Plant/Organ Age

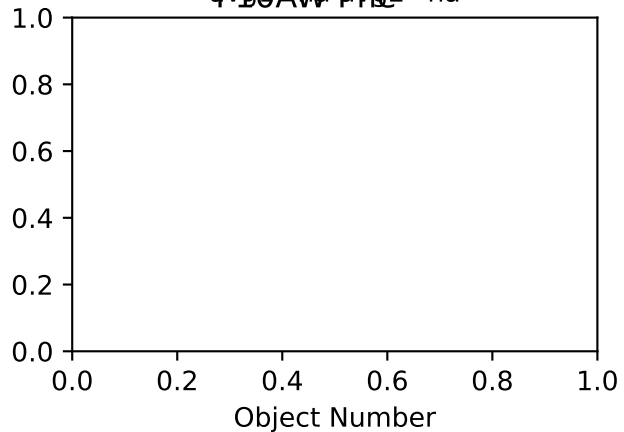




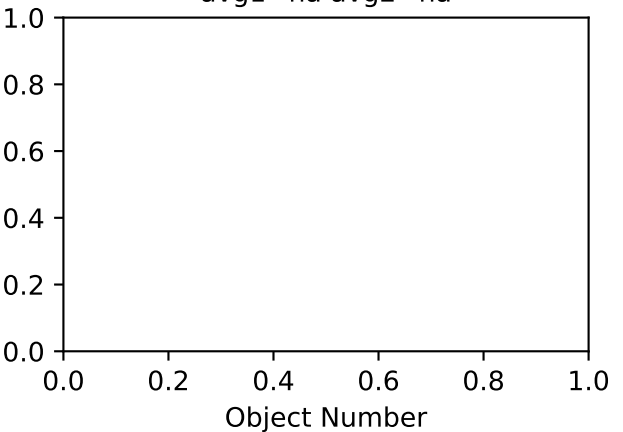
FGDdevStage (Def=0.7 Set=0.7)  
avg1=na avg2=na



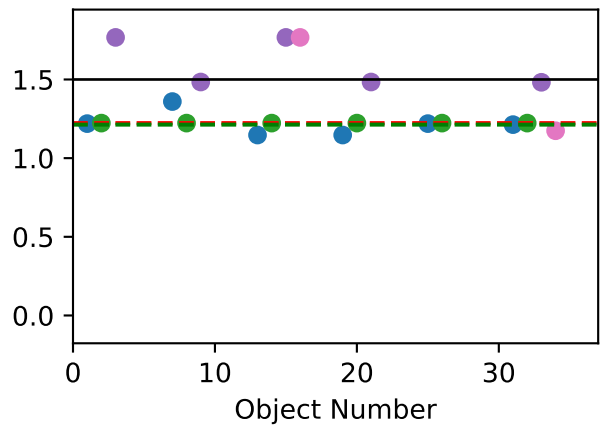
FMBDdevStage (Def=1.3 Set=1.3)  
avg1=na avg2=na



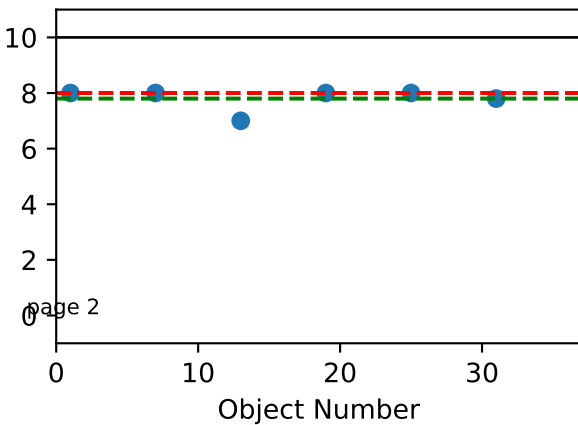
FMEDdevStage (Def=1.8 Set=1.8)  
avg1=na avg2=na



FHDdevStage (Def=1.5 Set=1.22)  
avg1=1.22~19% avg2=1.21~2%

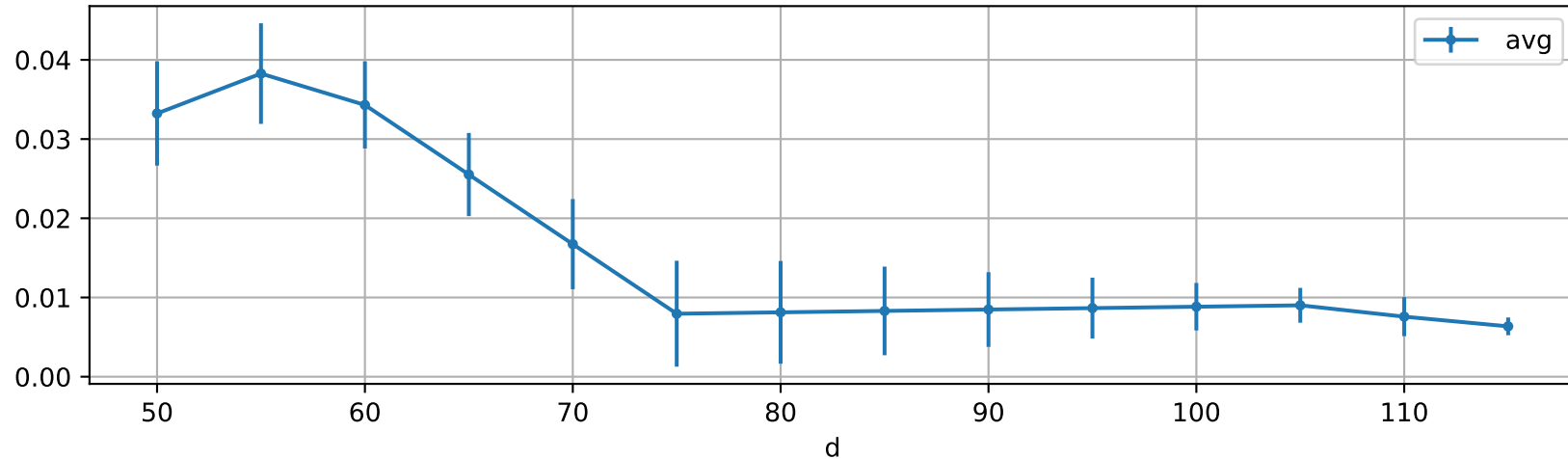


NNgen (Def=10 Set=8)  
avg1=8.0~0% avg2=7.8

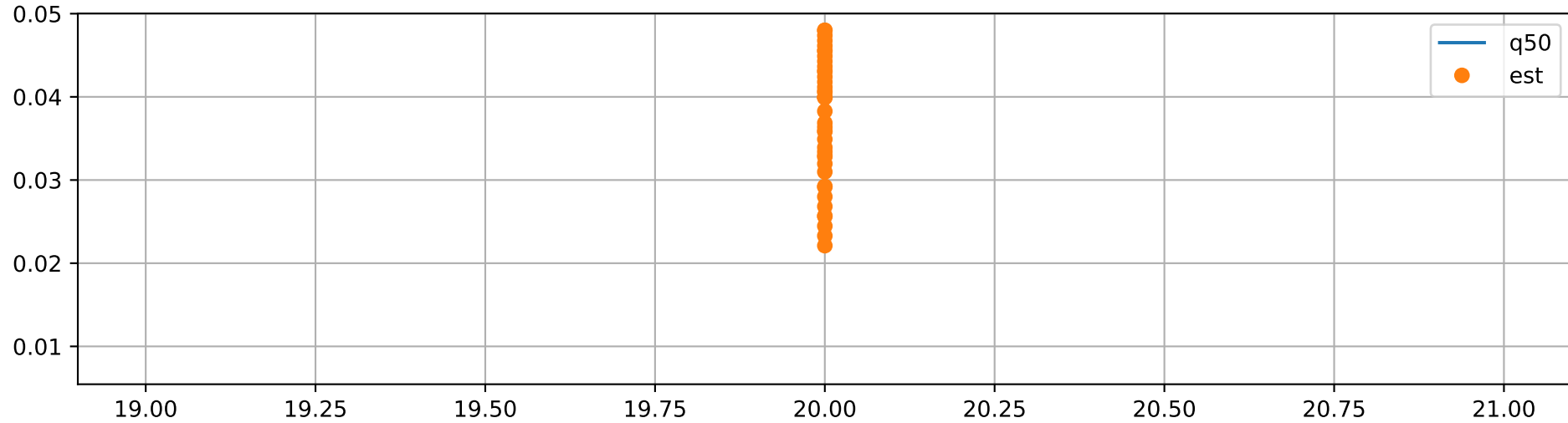


LfA: avg vs. d at each age group

age=20



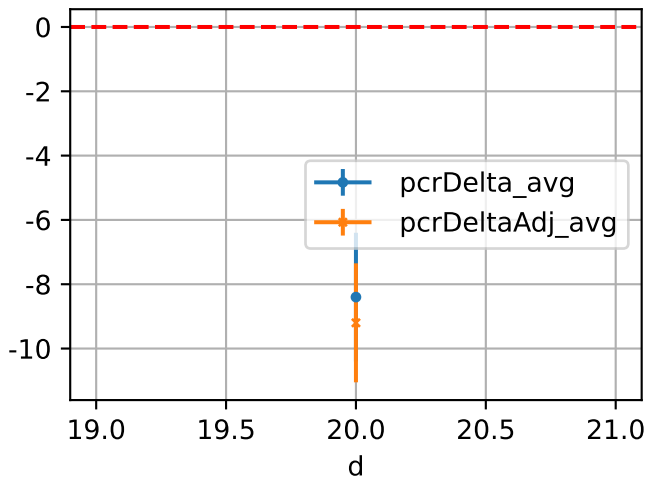
LfA: model est vs obsOv@Q50



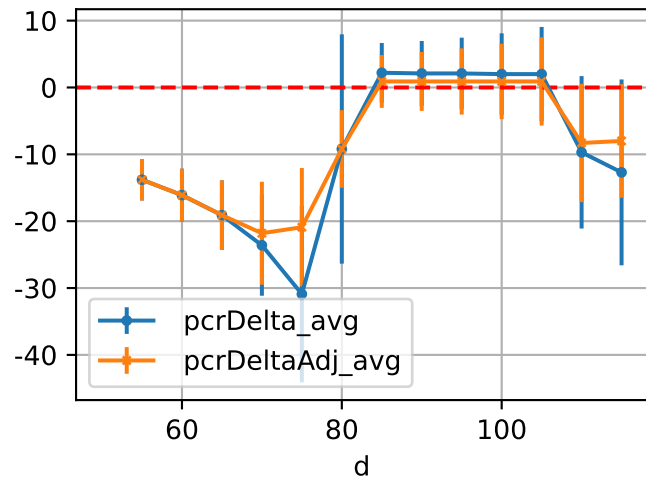
# P10AW LfA: D\_5d\_LfA

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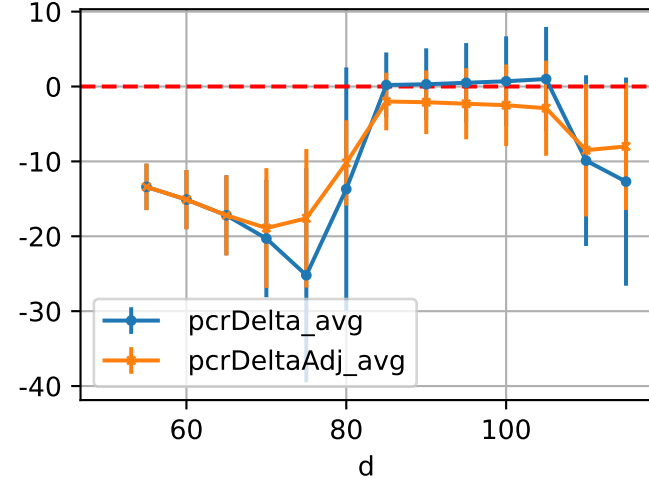
## DeltaTypeAbbr=GrpByAge



## DeltaTypeAbbr=GrpByDay

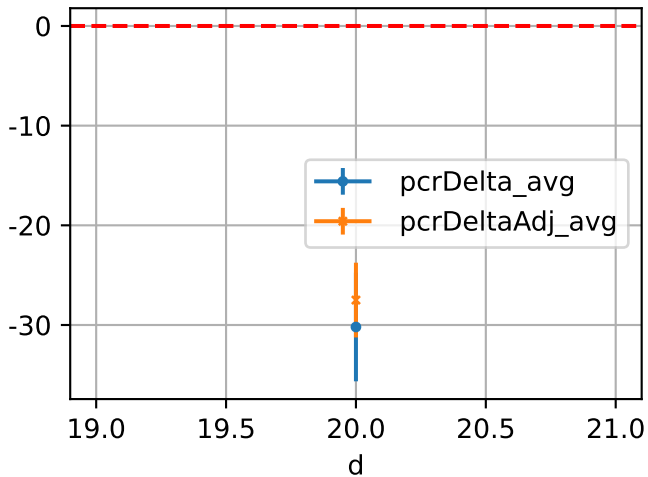


## DeltaTypeAbbr=WeiAvgByD

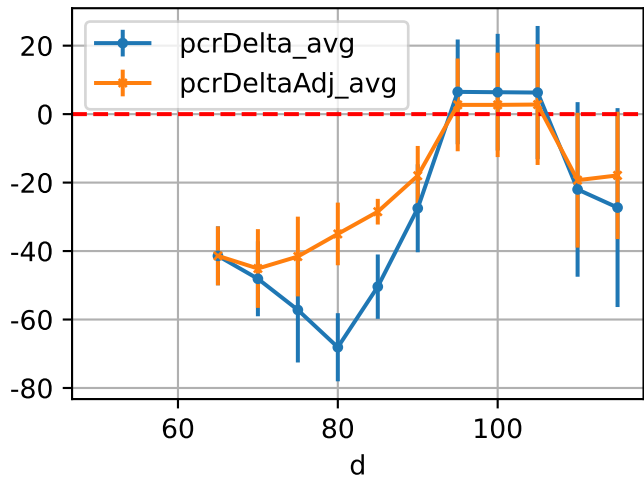


# P10AW LfA: D\_15d\_LfA

## DeltaTypeAbbr=GrpByAge

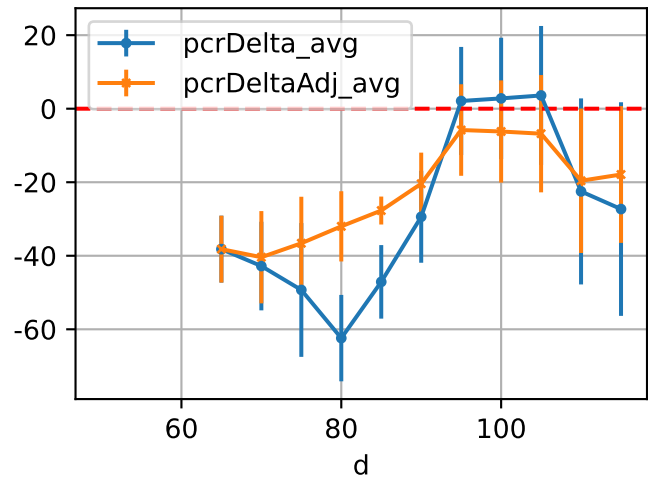


## DeltaTypeAbbr=GrpByDay



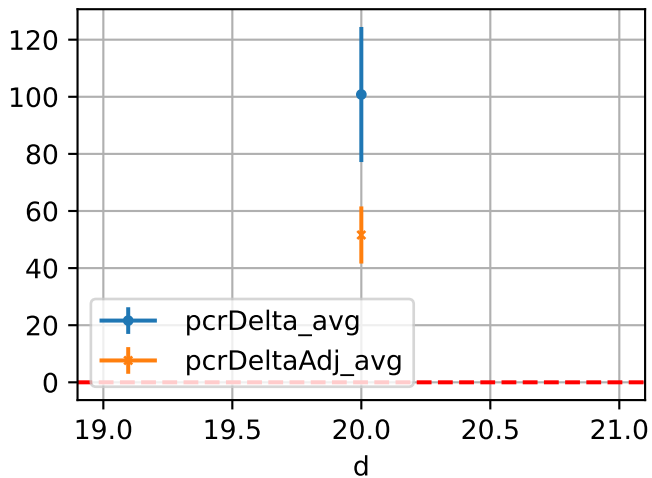
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## DeltaTypeAbbr=WeiAvgByD

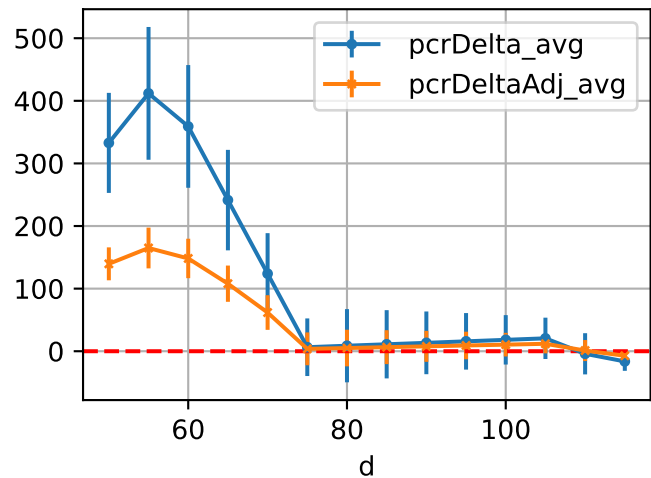


# P10AW LfA: D\_Q50\_LfA

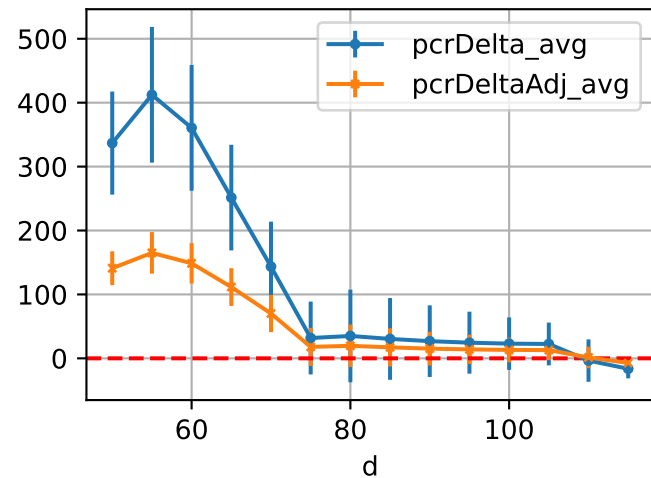
## DeltaTypeAbbr=GrpByAge



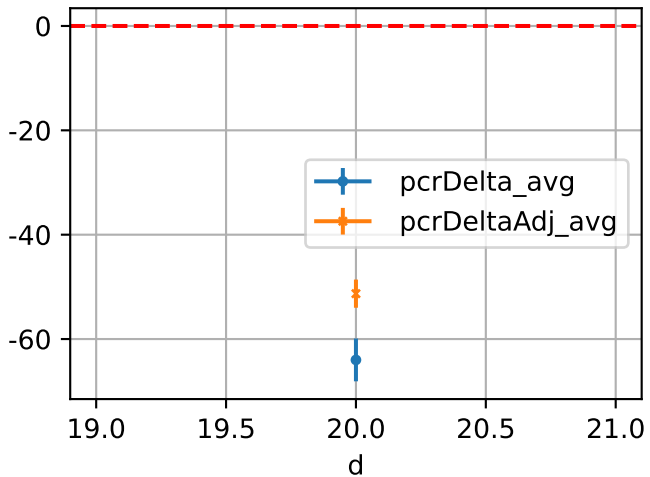
## DeltaTypeAbbr=GrpByDay



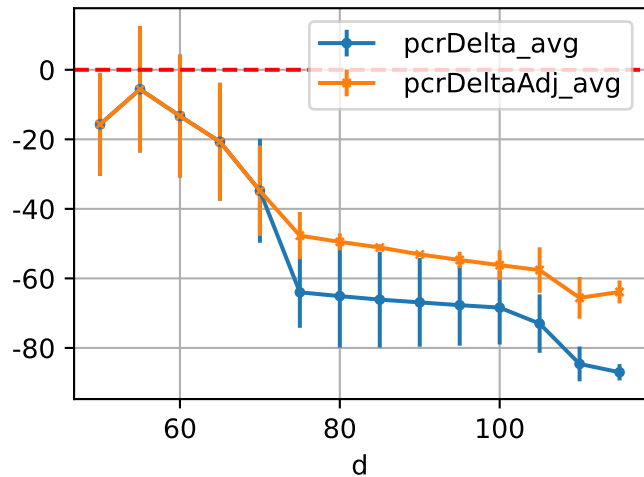
## DeltaTypeAbbr=WeiAvgByD



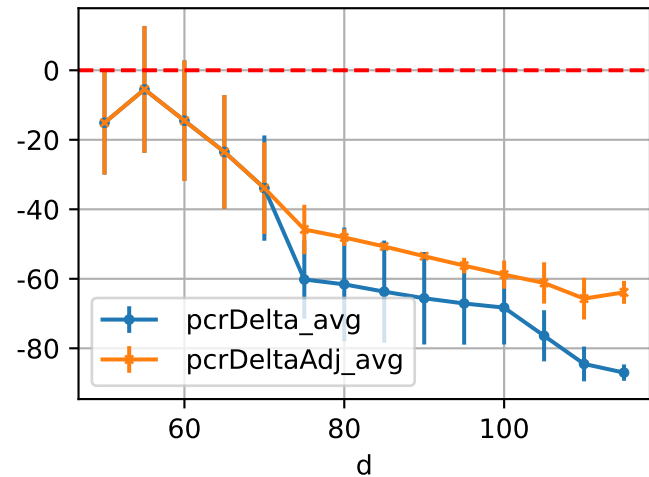
DeltaTypeAbbr=GrpByAge



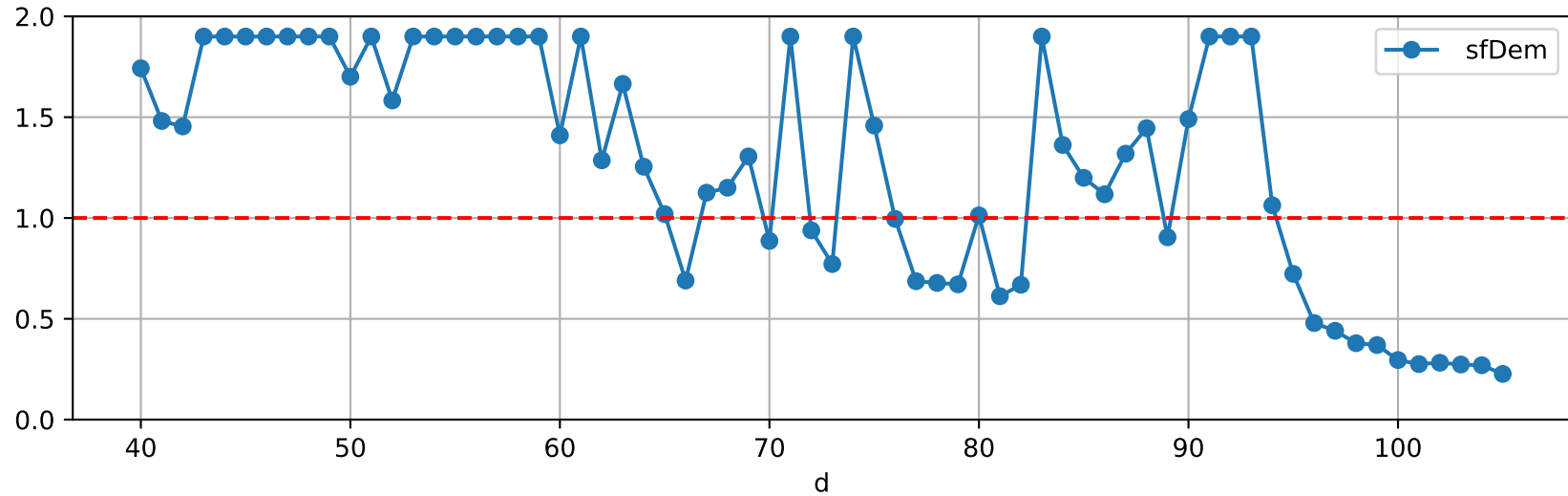
DeltaTypeAbbr=GrpByDay



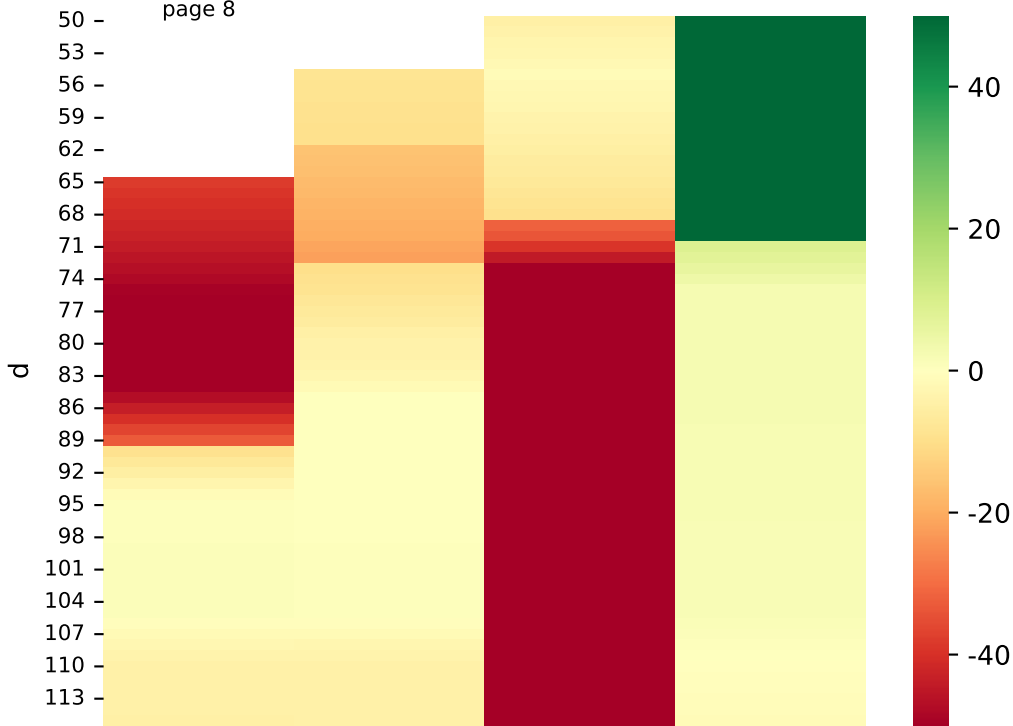
DeltaTypeAbbr=WeiAvgByD



LfA: sfDem

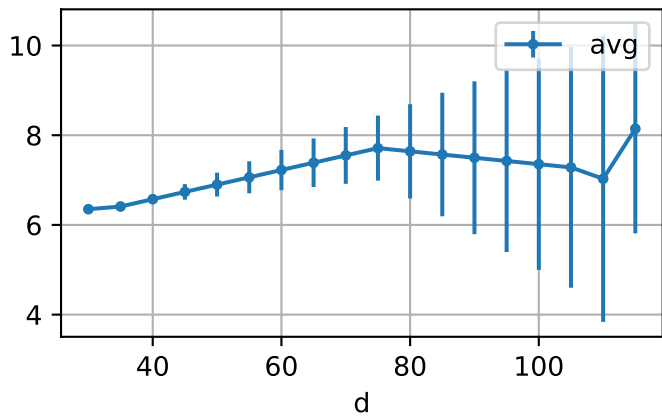


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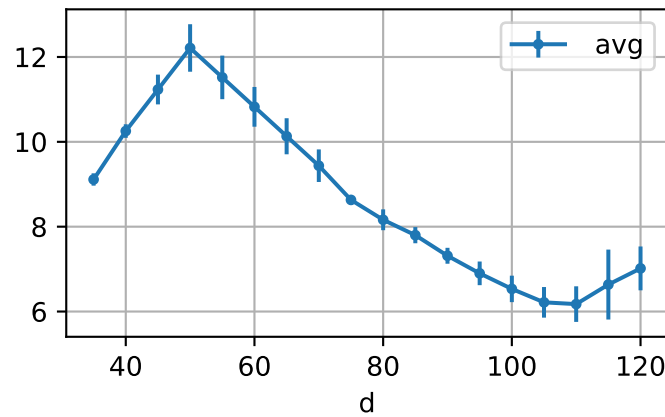


# NdD: avg vs. d at each age group

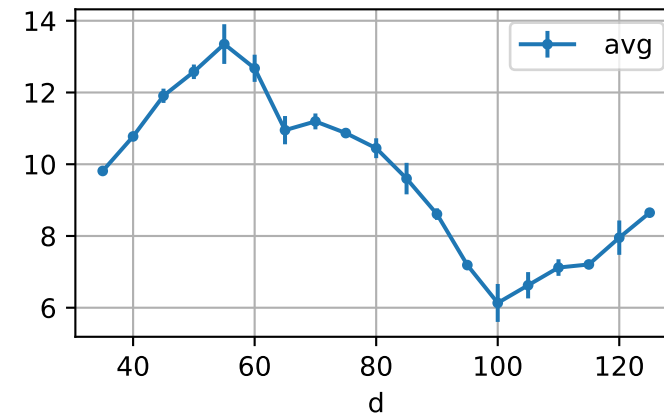
## age=15



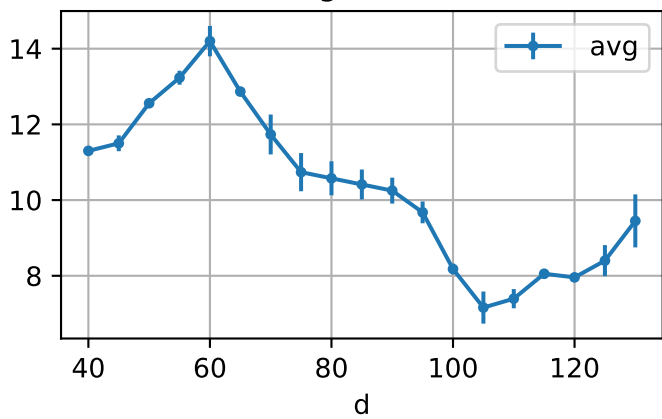
## age=20



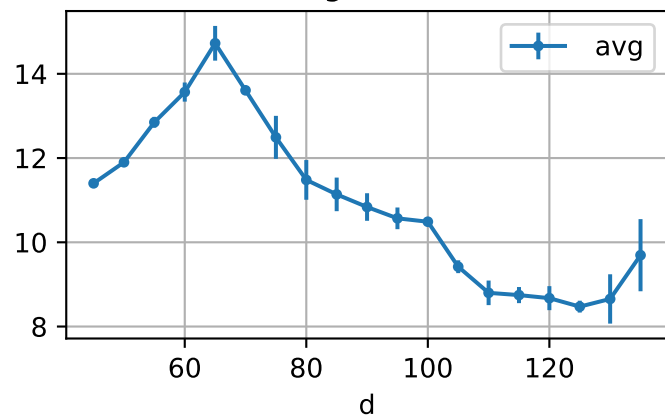
## age=25



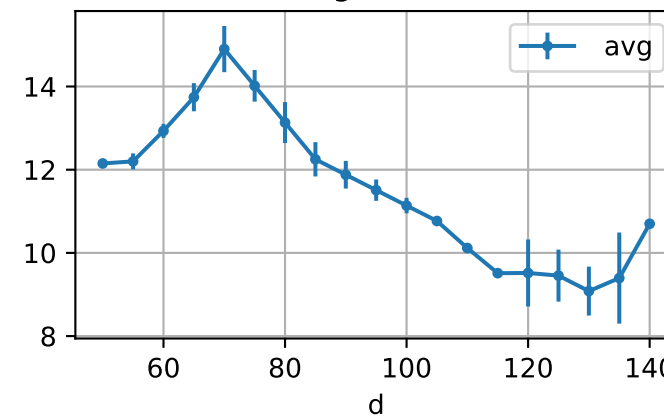
## age=30



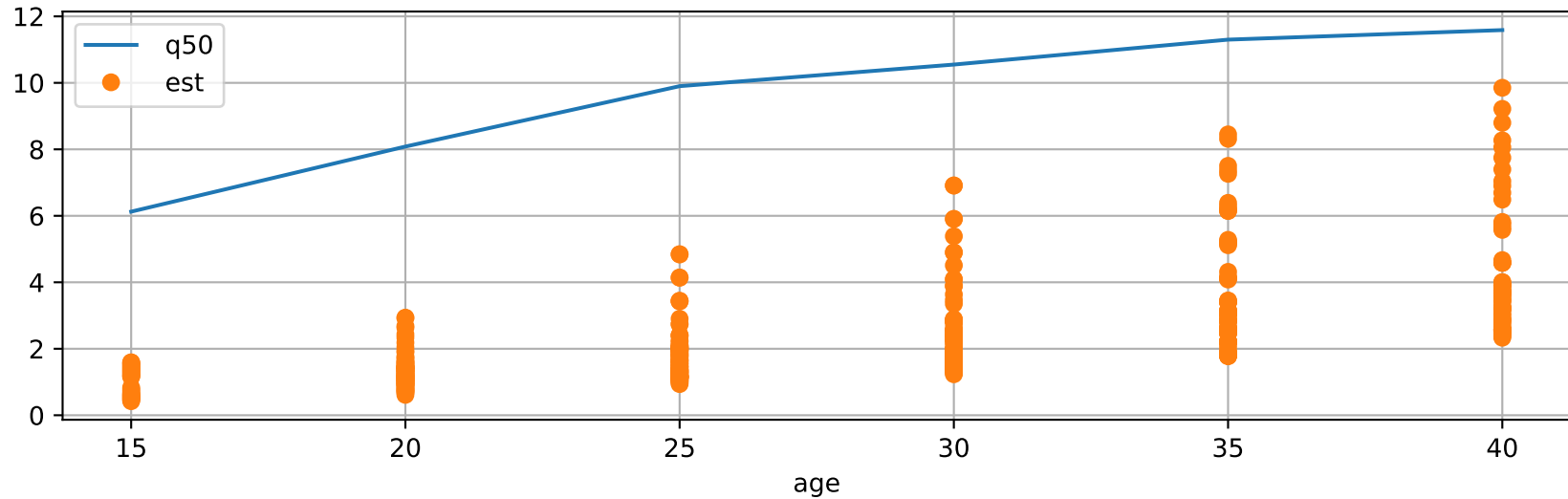
## age=35



## age=40

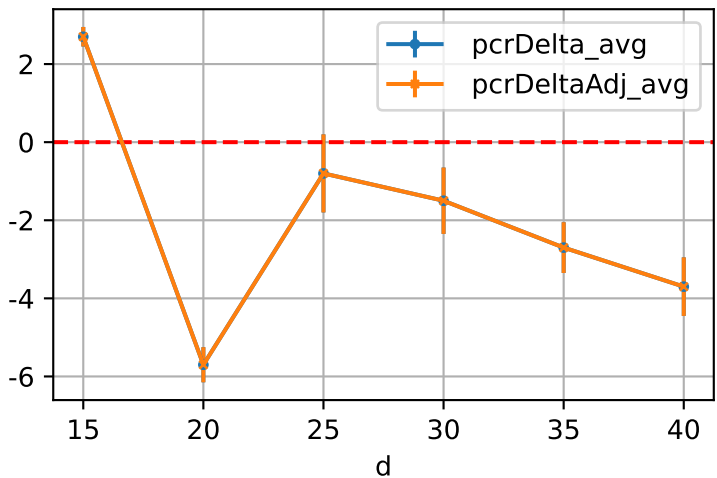


NdD: model est vs obsOv@Q50

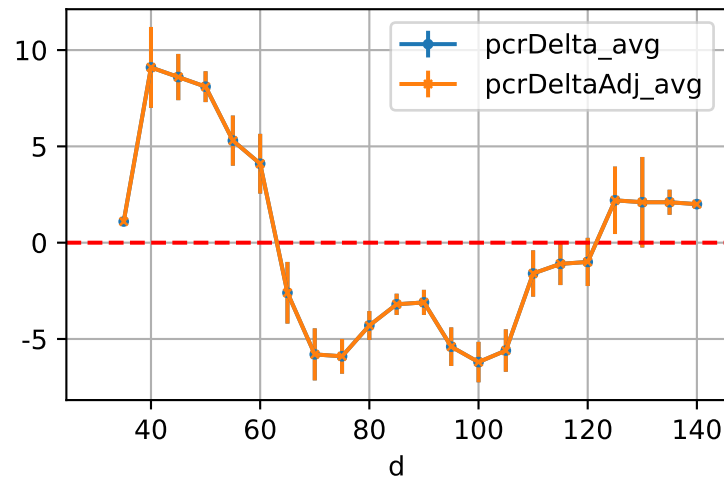


# P10AW NdD: D\_5d\_NdD

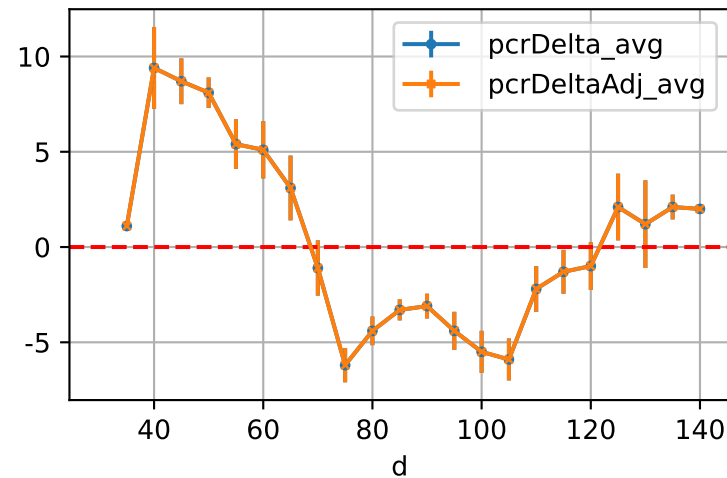
## DeltaTypeAbbr=GrpByAge



## DeltaTypeAbbr=GrpByDay

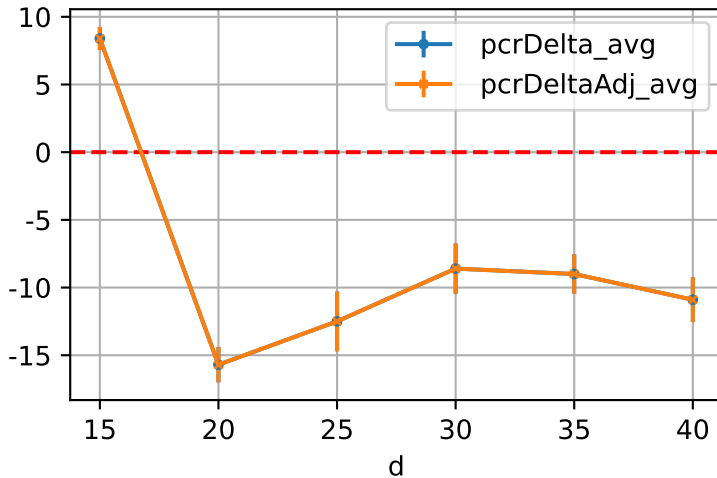


## DeltaTypeAbbr=WeiAvgByD

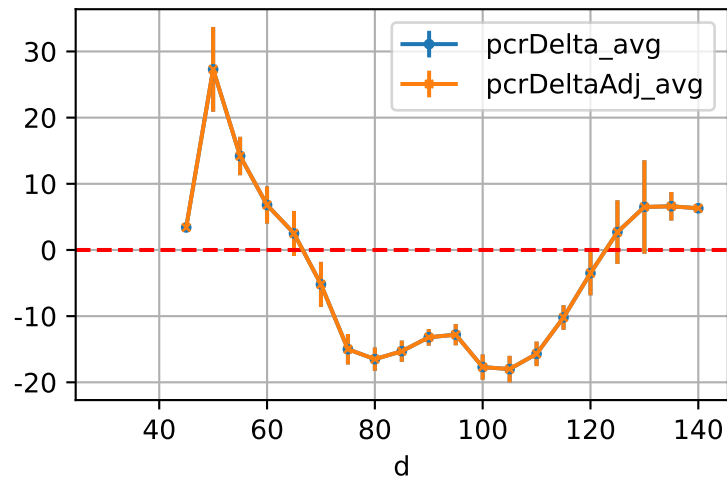


## P10AW NdD: D\_15d\_NdD

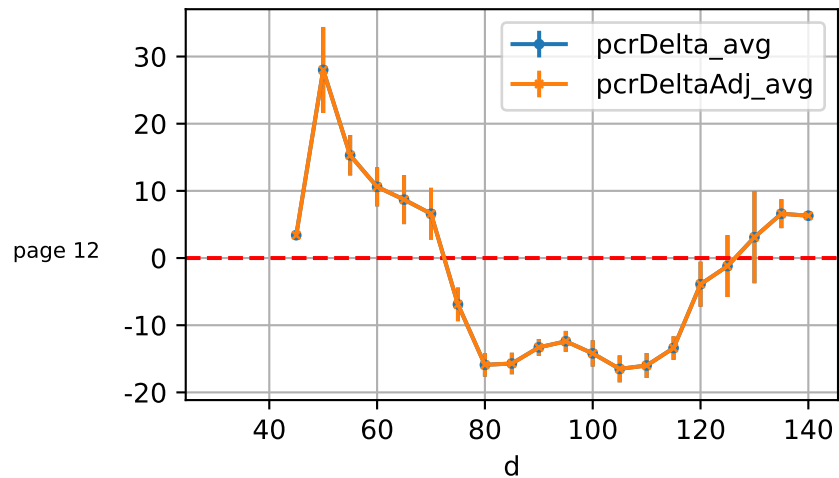
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

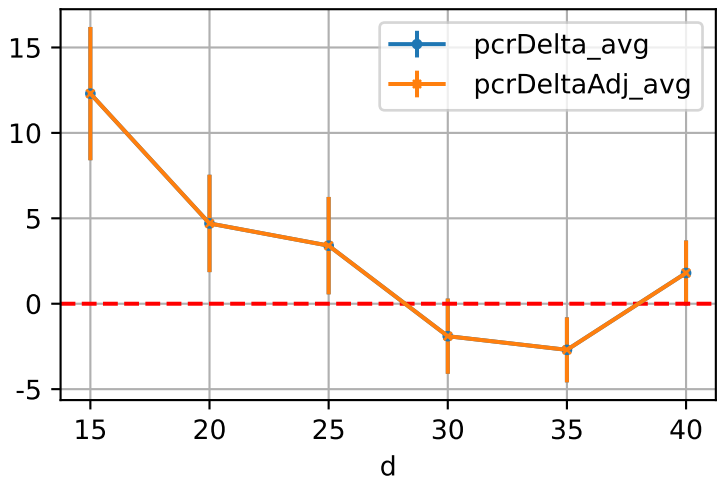


DeltaTypeAbbr=WeiAvgByD

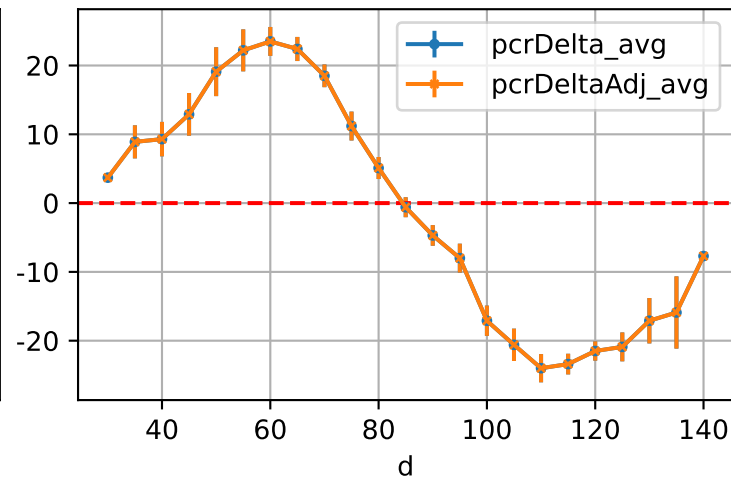


# P10AW NdD: D\_Q50\_NdD

## DeltaTypeAbbr=GrpByAge

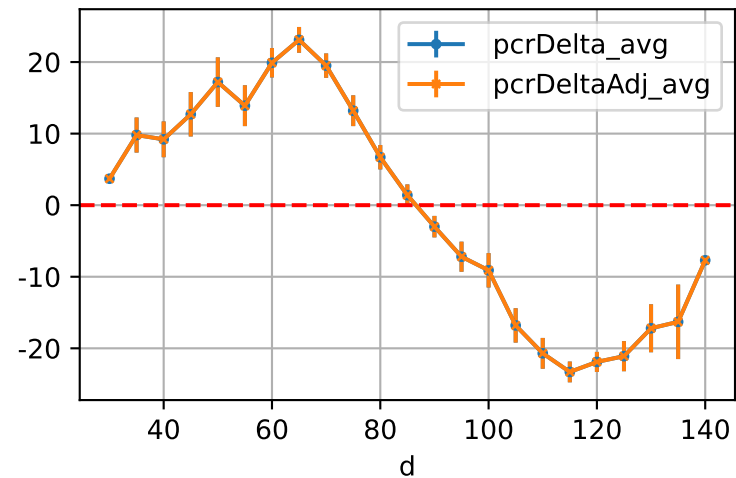


## DeltaTypeAbbr=GrpByDay



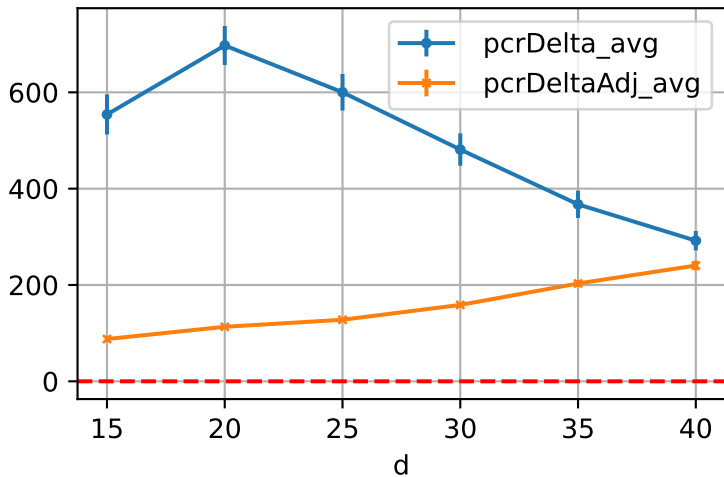
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## DeltaTypeAbbr=WeiAvgByD

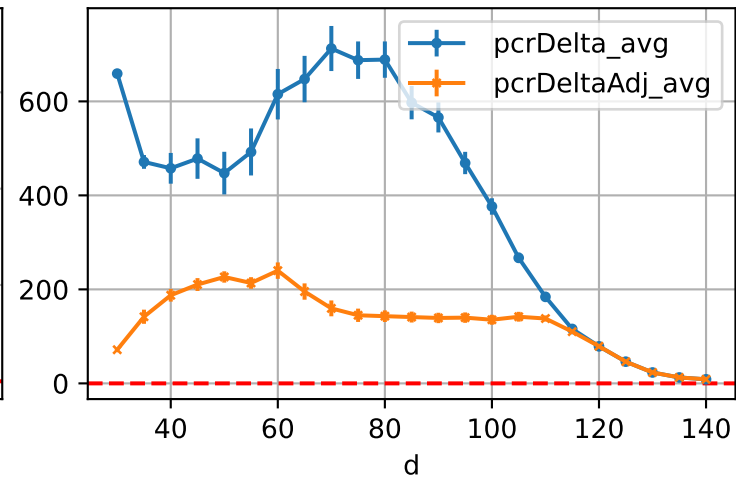


### P10AW NdD: D\_Est\_NdD

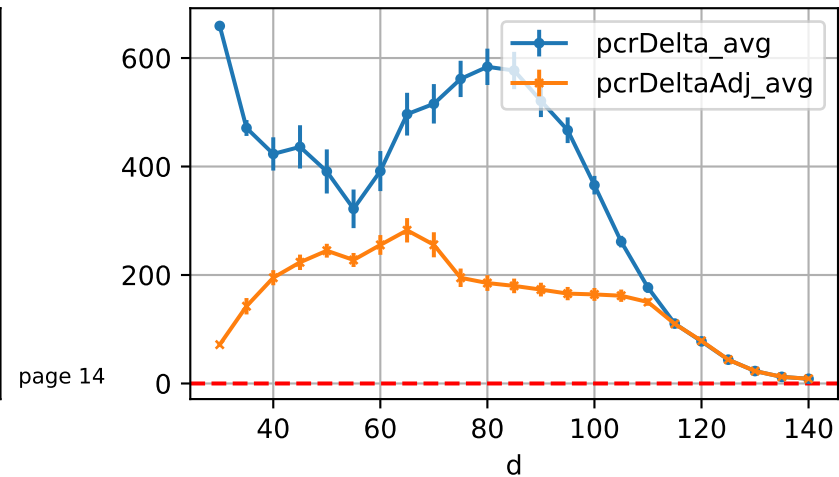
DeltaTypeAbbr=GrpByAge



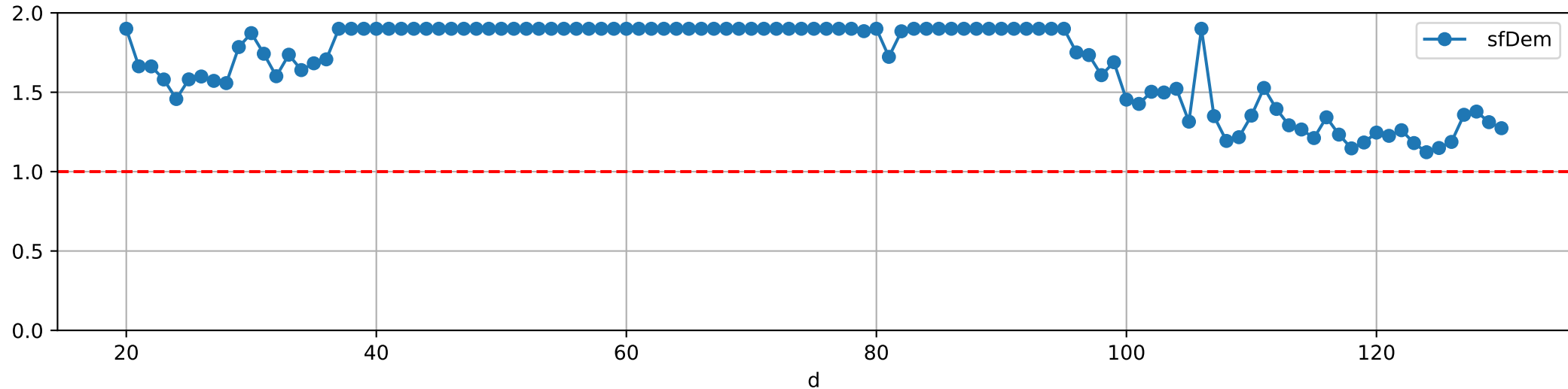
DeltaTypeAbbr=GrpByDay



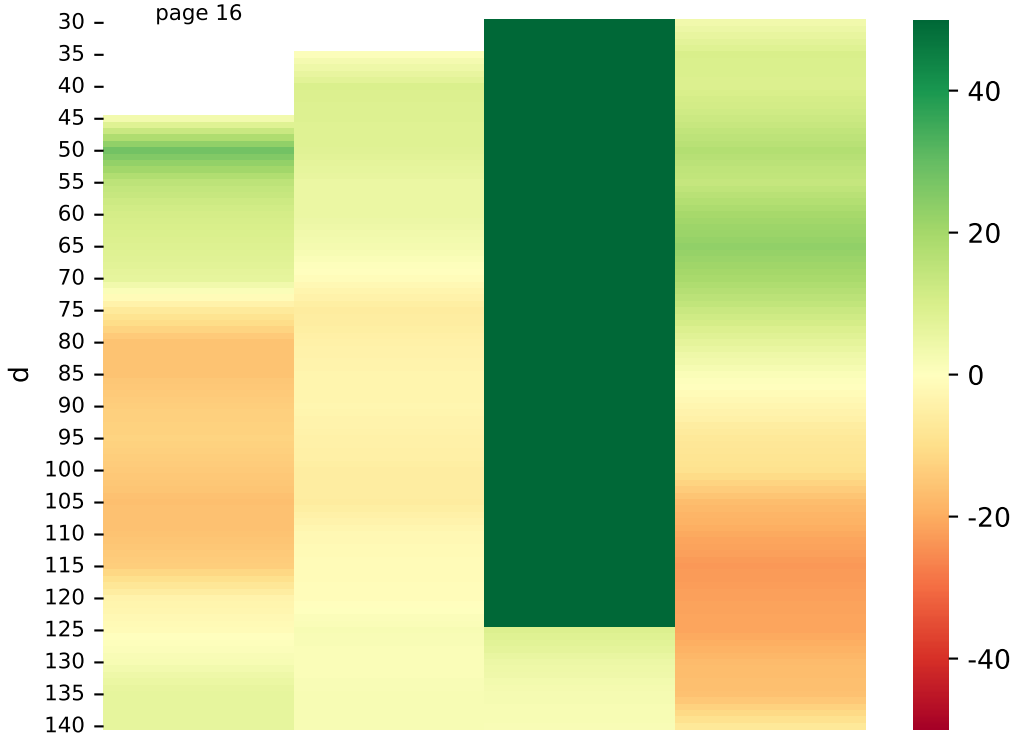
DeltaTypeAbbr=WeiAvgByD



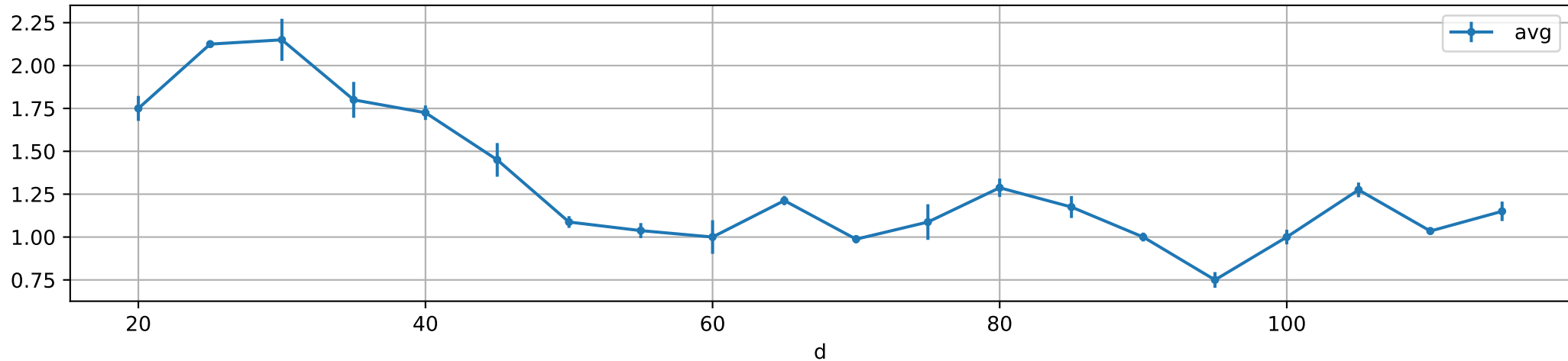
NdD: sfDem



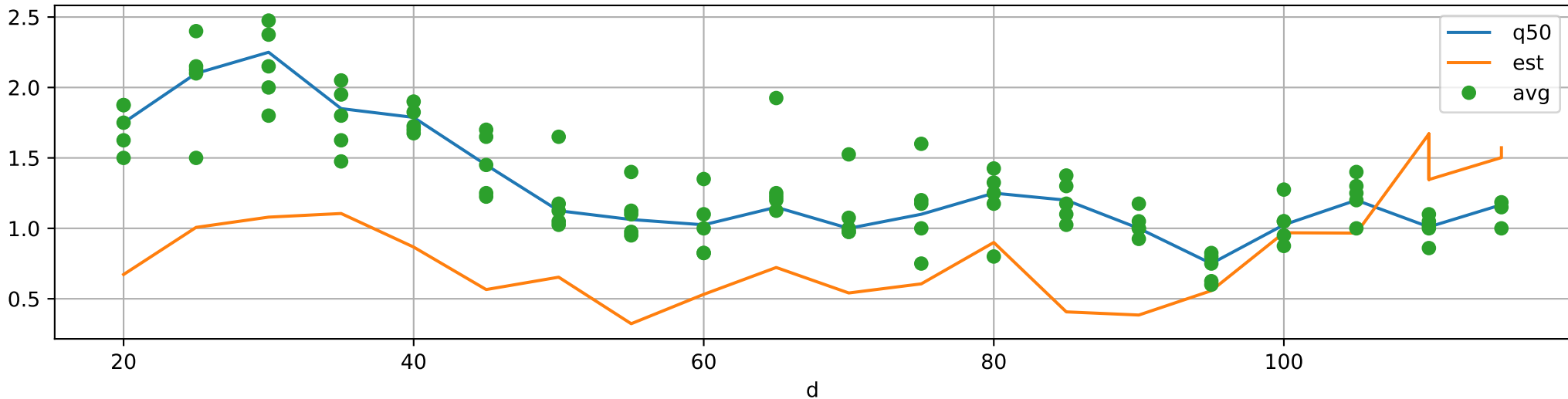
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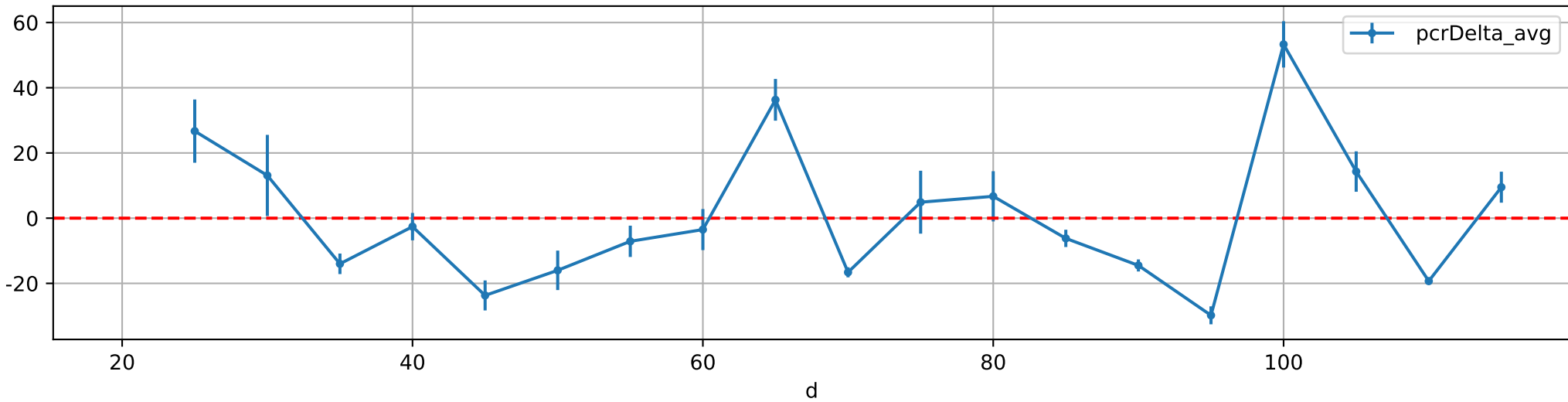
dStH: avg vs. d



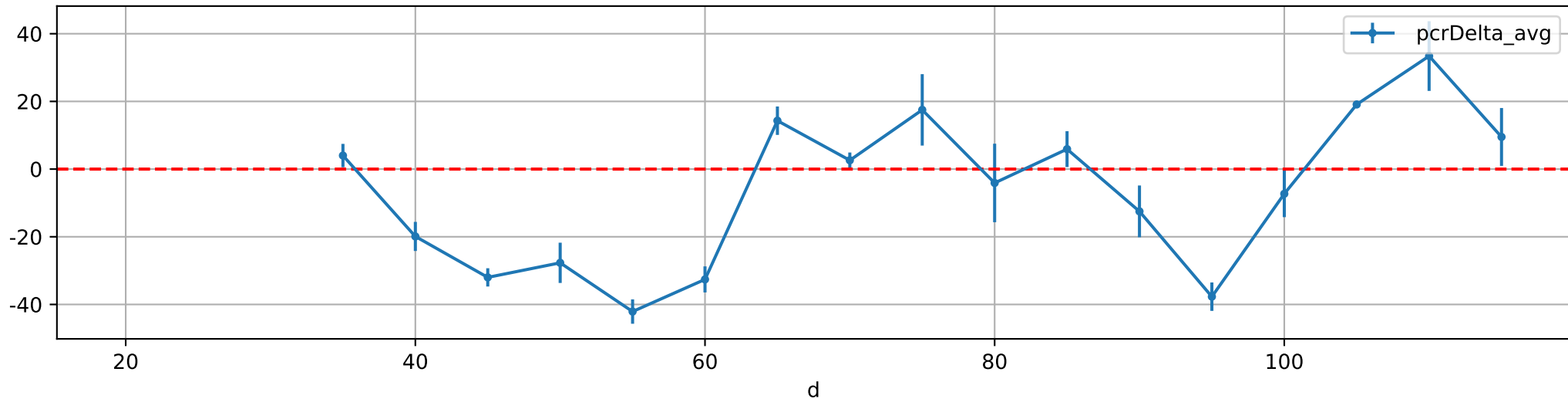
dStH: obsAvg vs obsOv@Q50



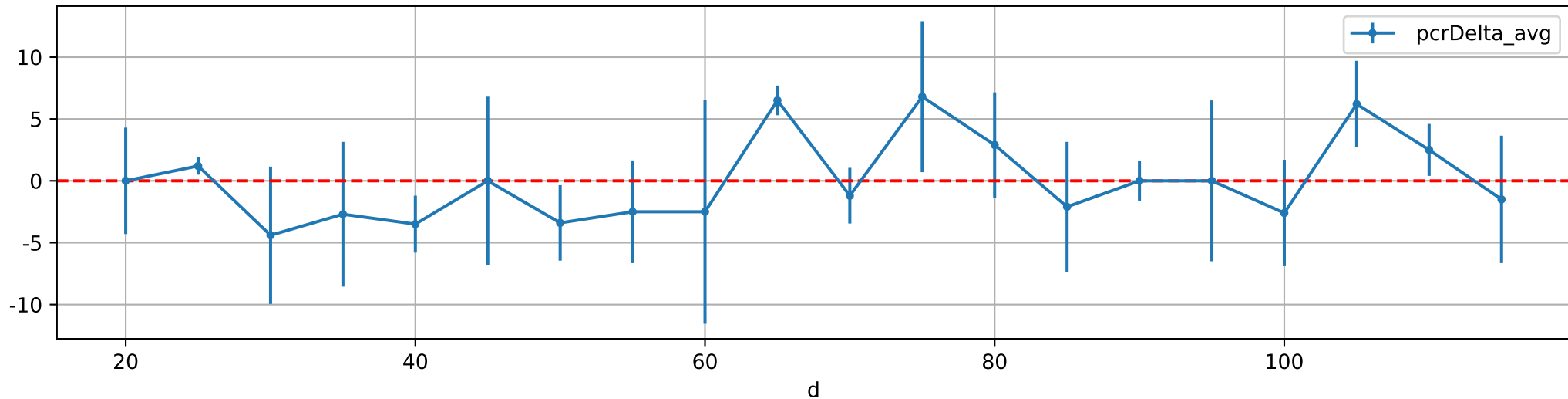
dStH: D\_5d\_StH



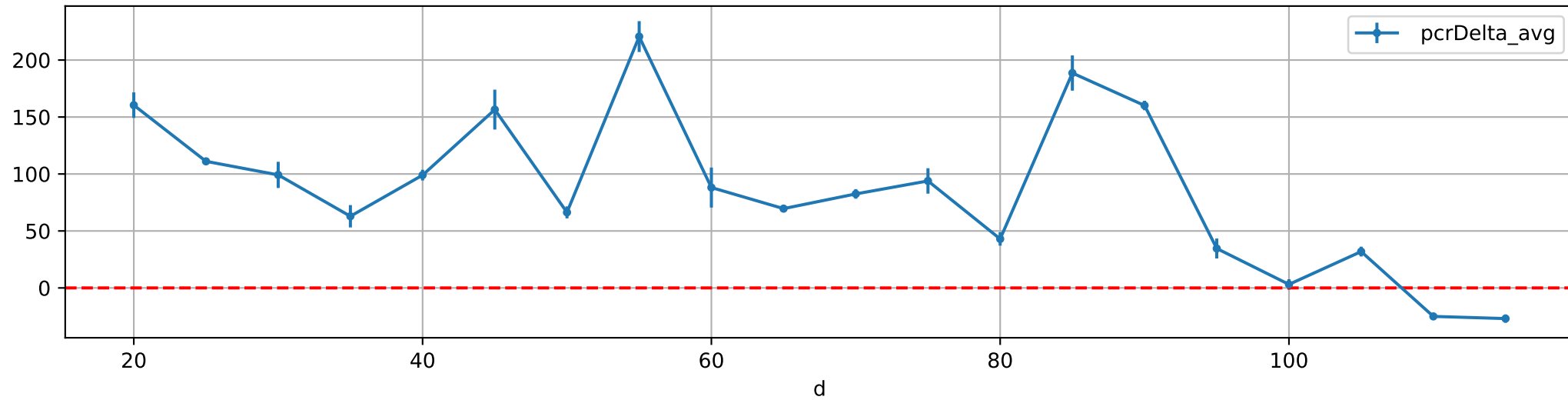
dStH: D\_15d\_StH



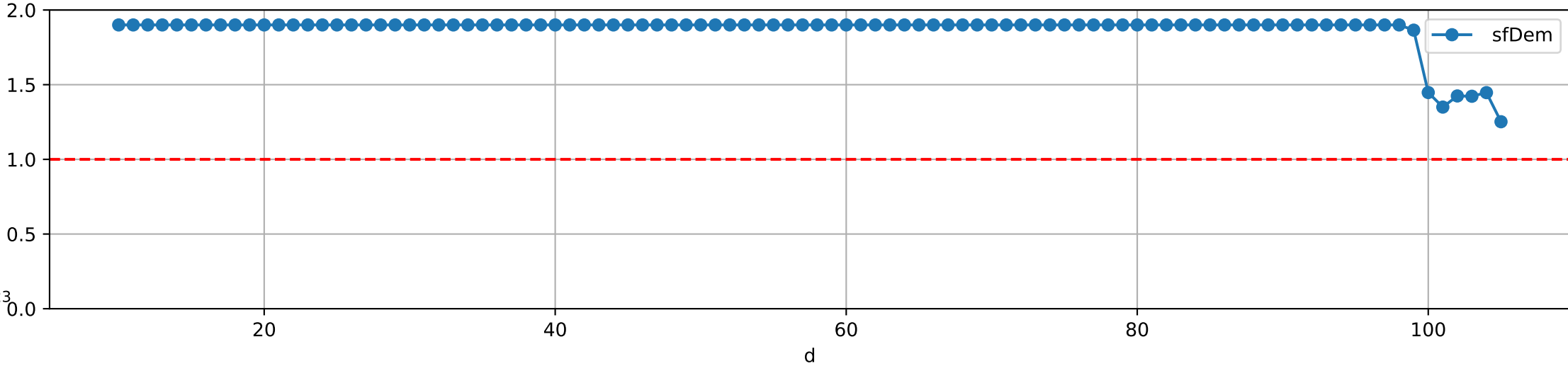
dStH: D\_Q50\_StH



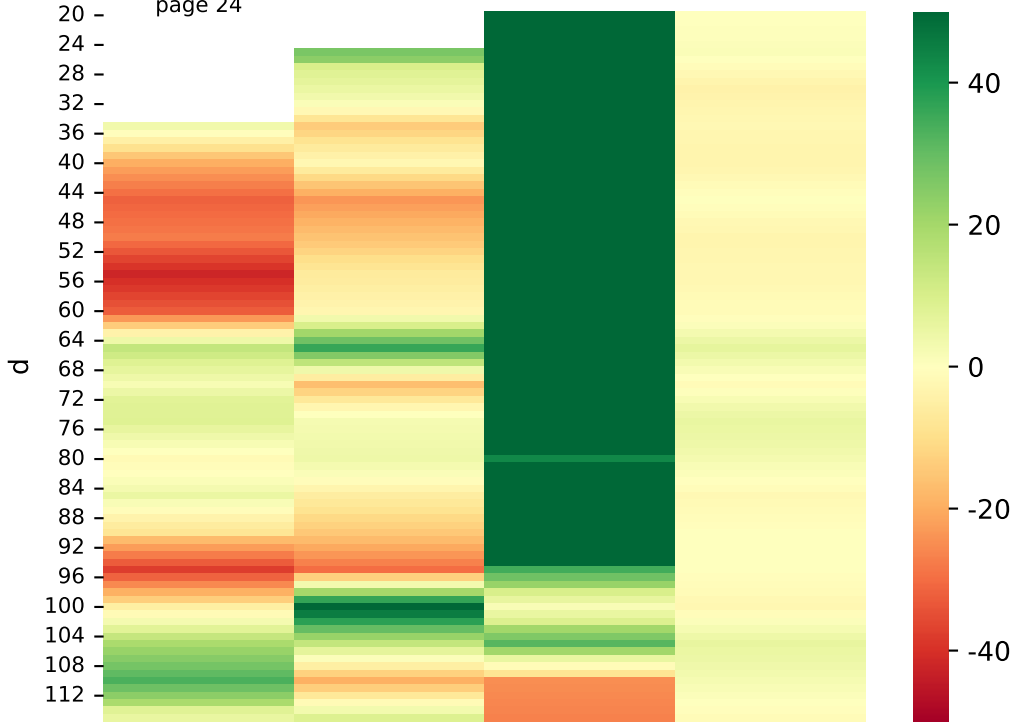
dStH: D\_Est\_StH



dStH: sfDem

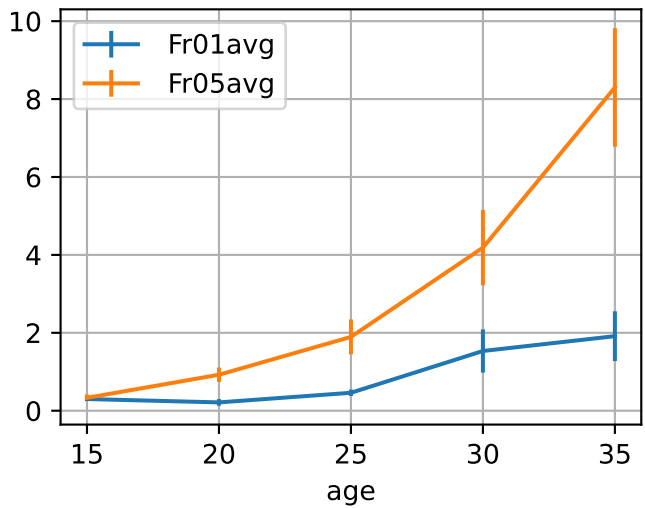


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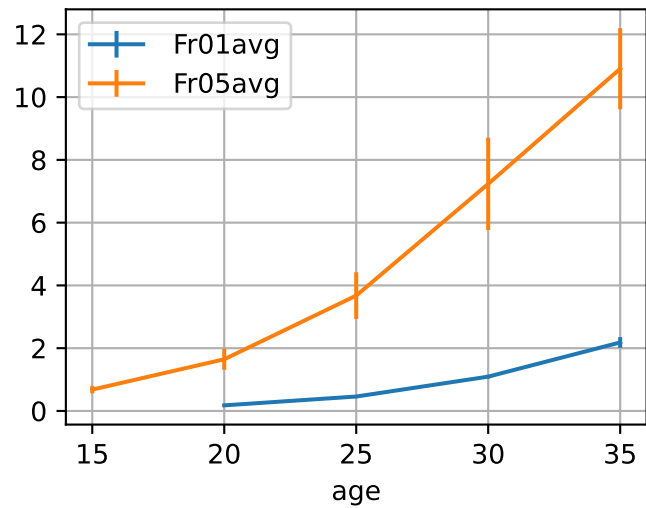


FrV: Fr01 vs Fr05 at each truss

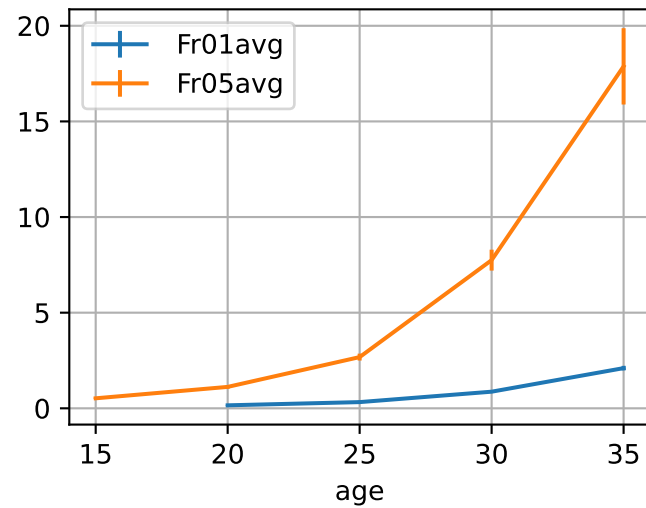
organID=T01



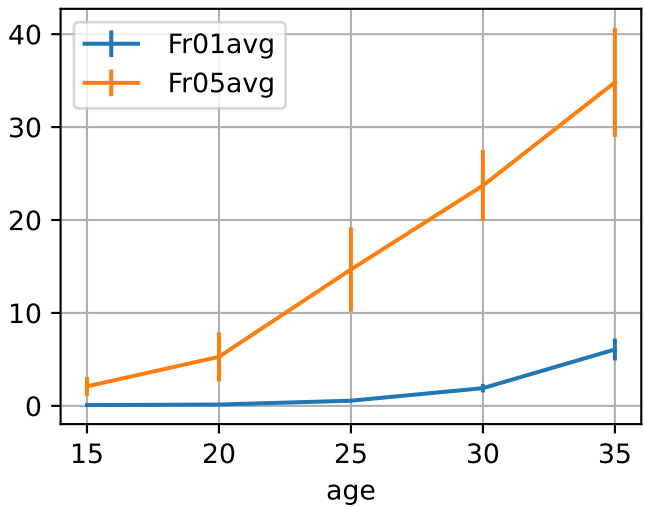
organID=T02



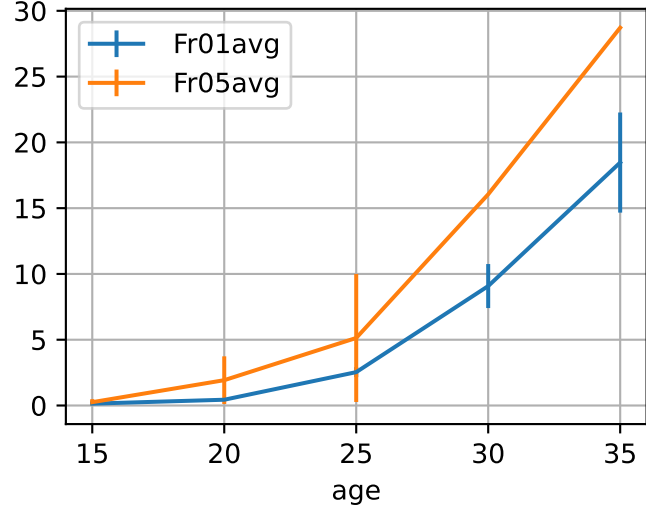
organID=T03



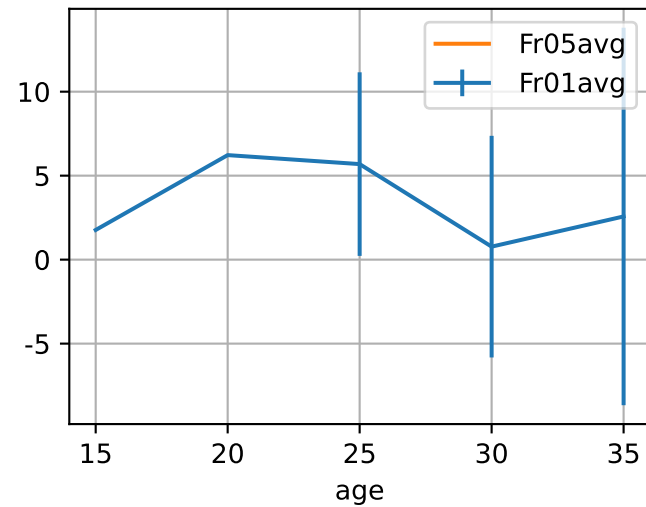
organID=T04



organID=T05

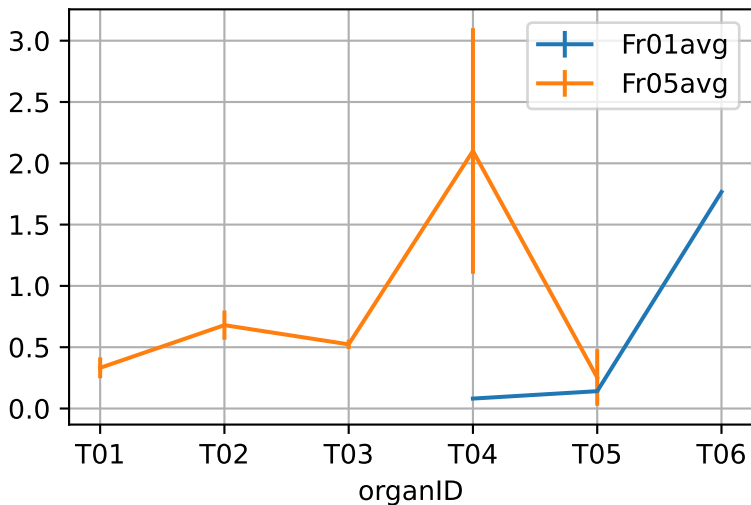


organID=T06

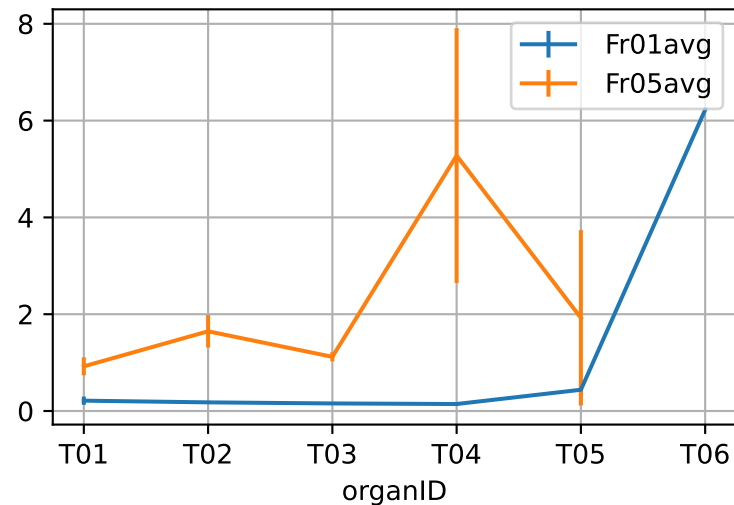


### FrV trend at each age

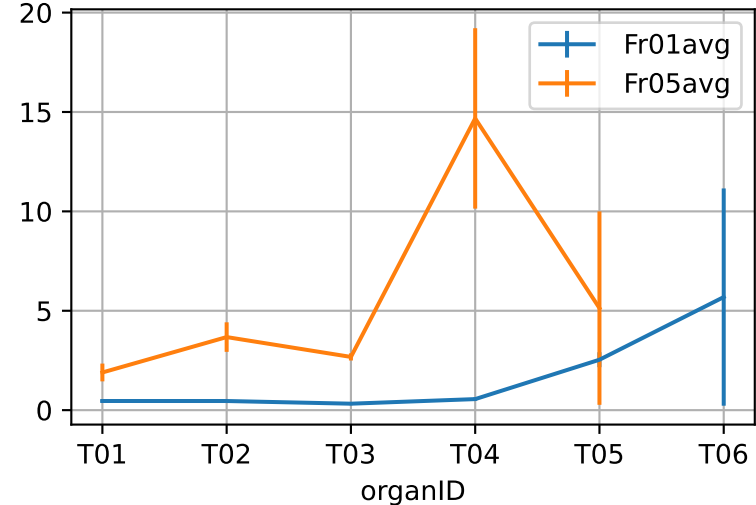
age=15



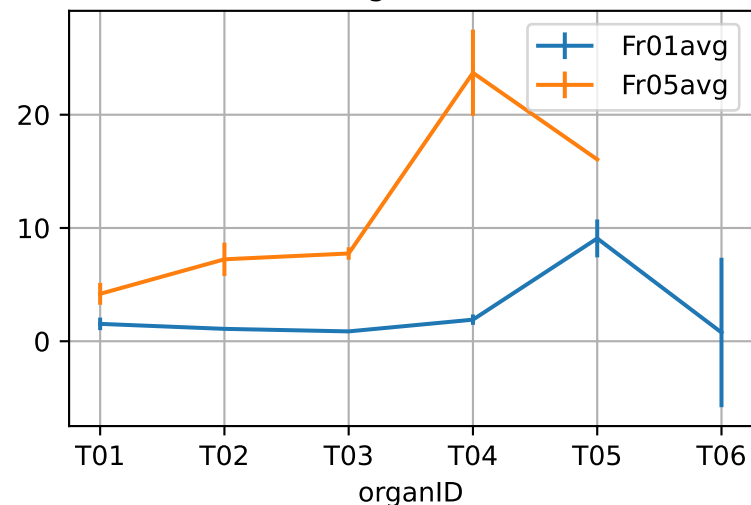
age=20



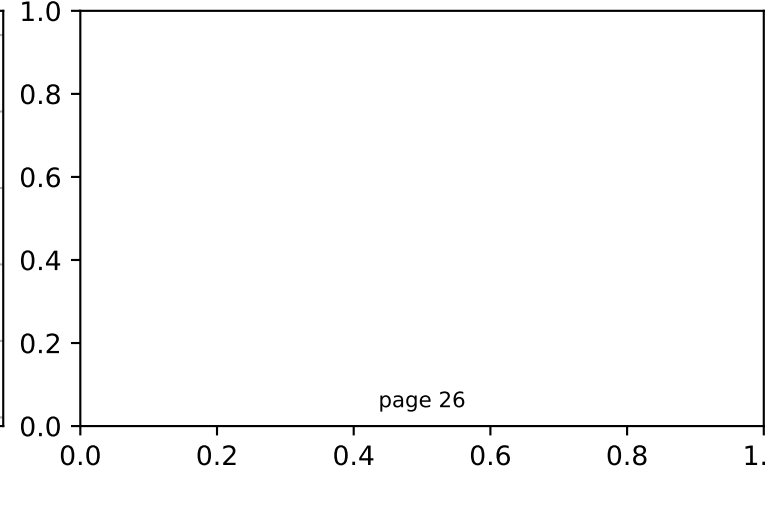
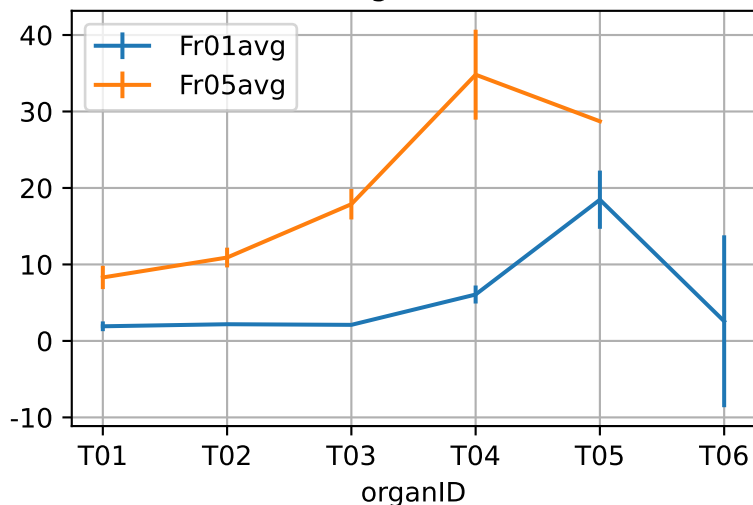
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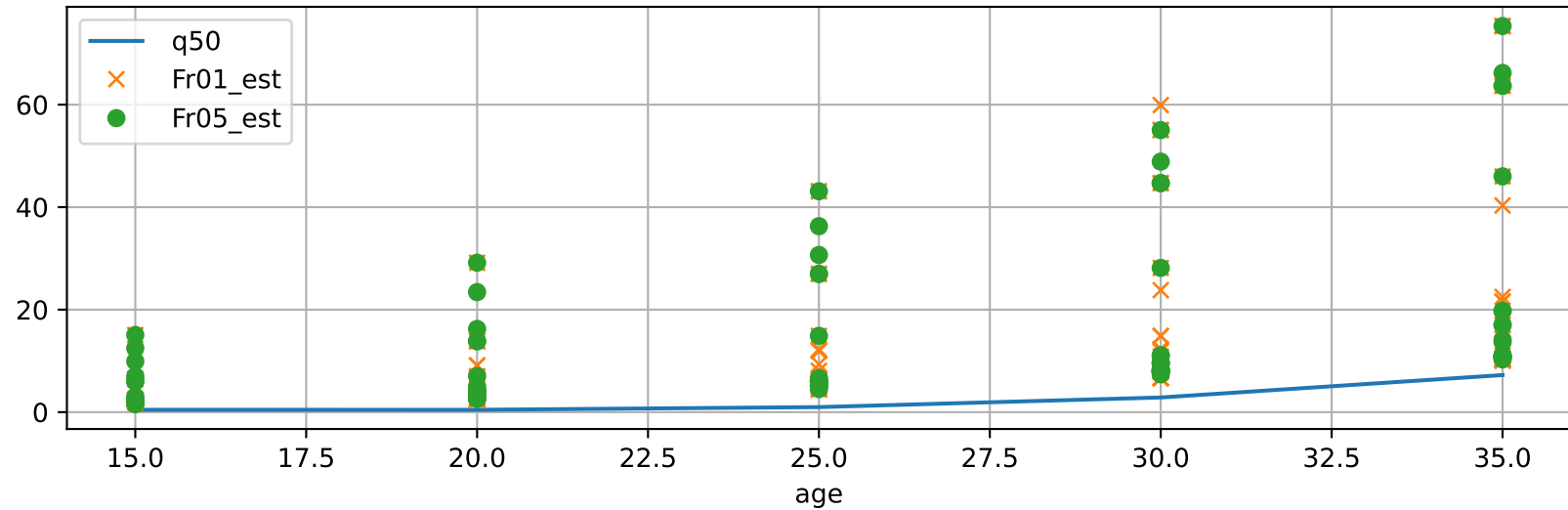
age=30



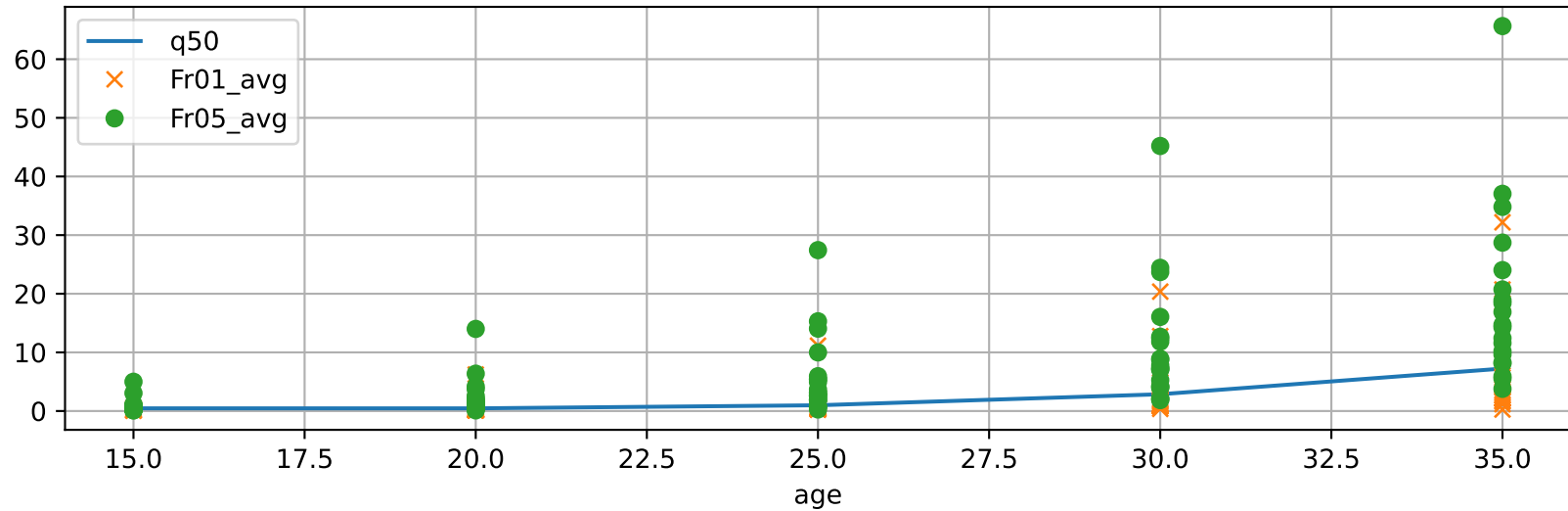
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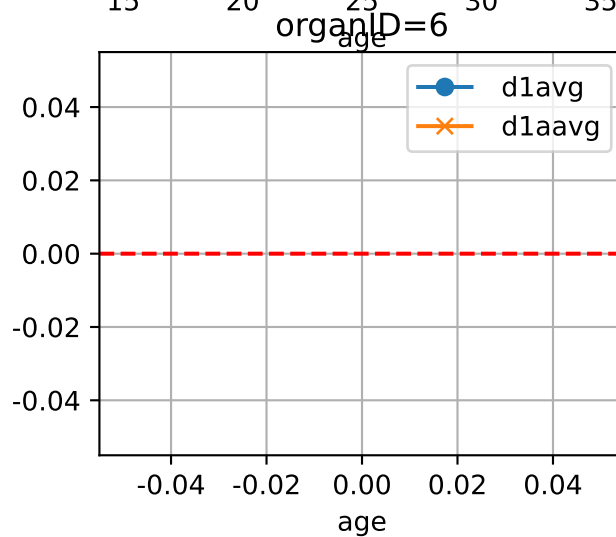
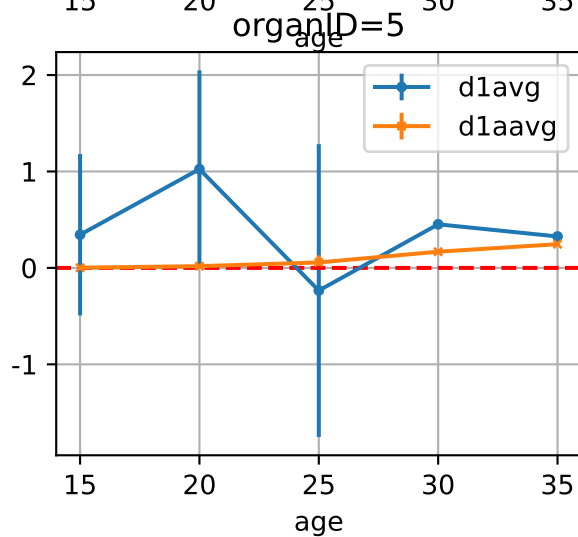
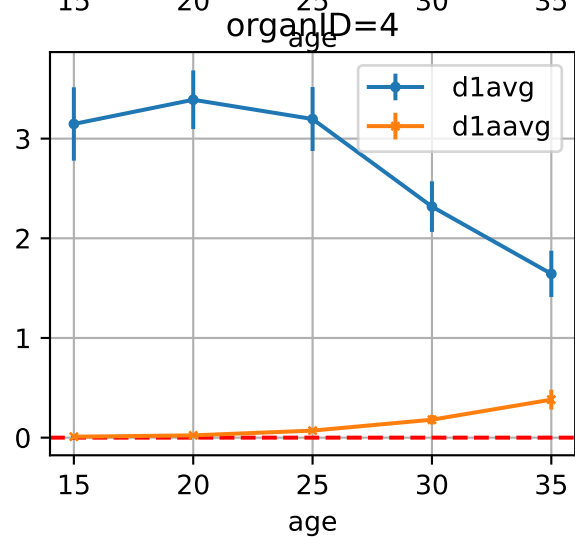
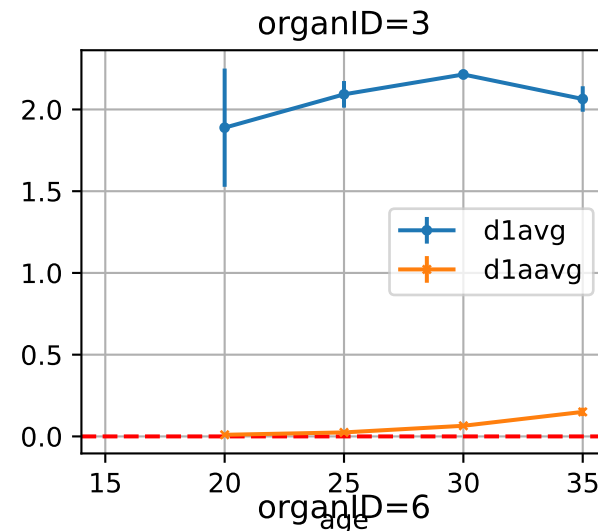
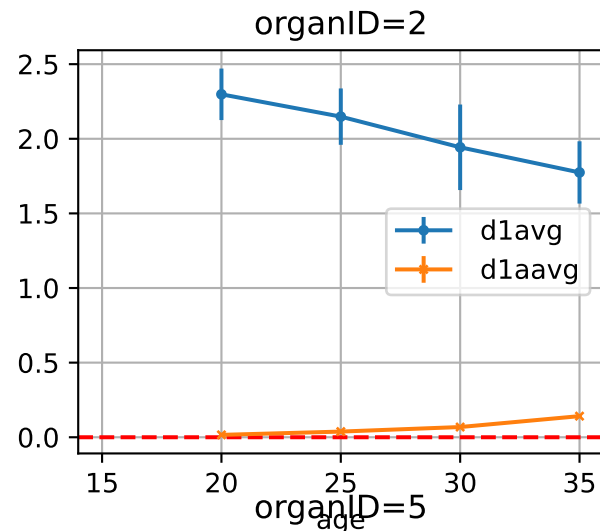
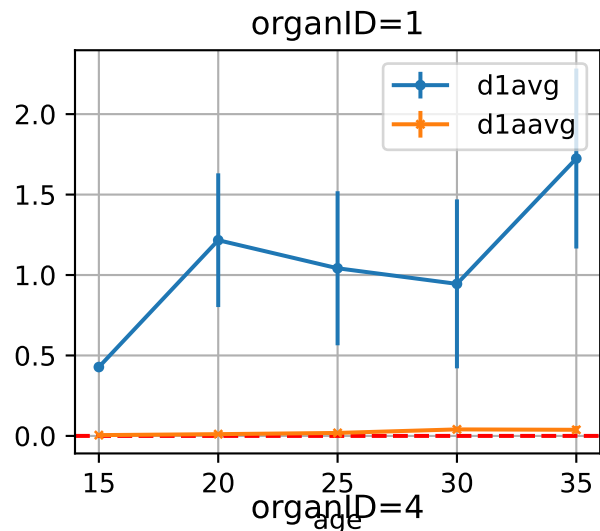
FrV: model Est vs obsFrV at Q90



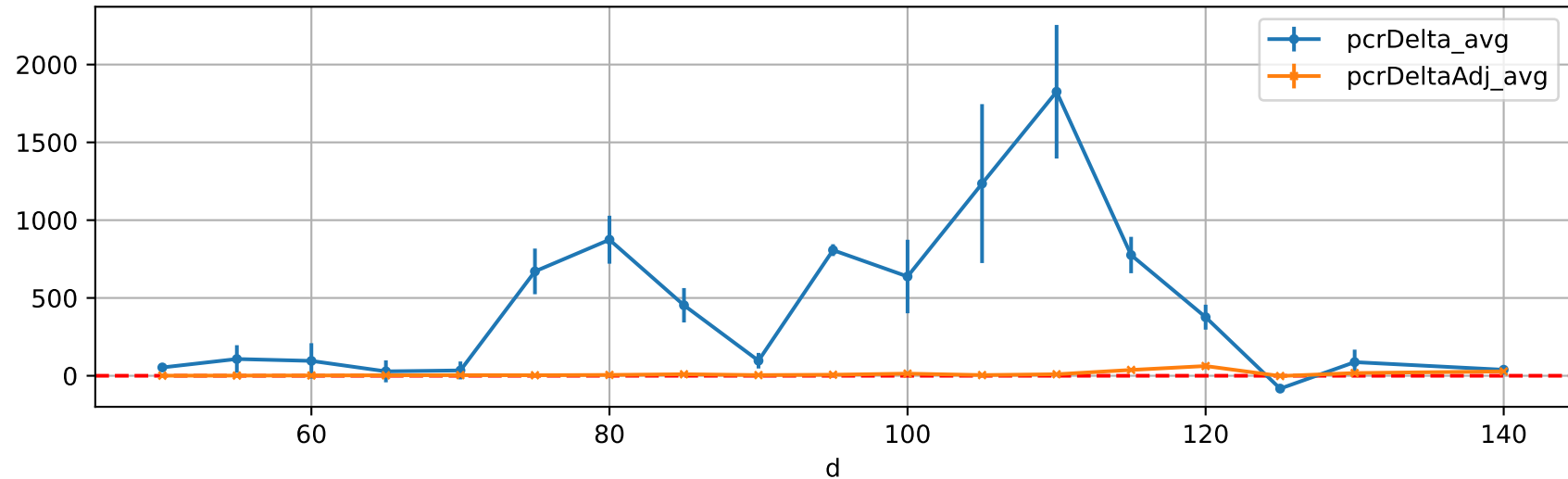
FrV: obsFrV vs obsFrV@Q90



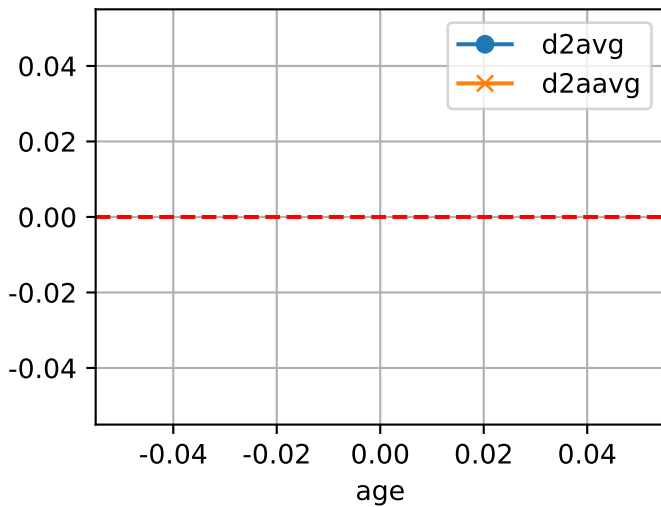
## FrV: D\_Fr1\_FrV



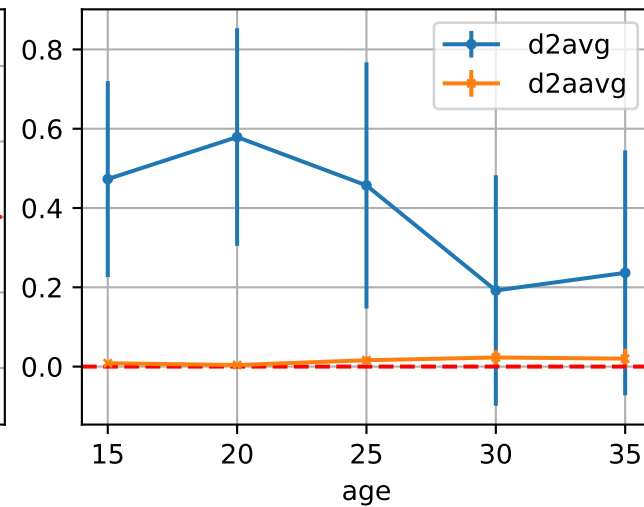
P10AW FrV: D\_Fr1\_FrV



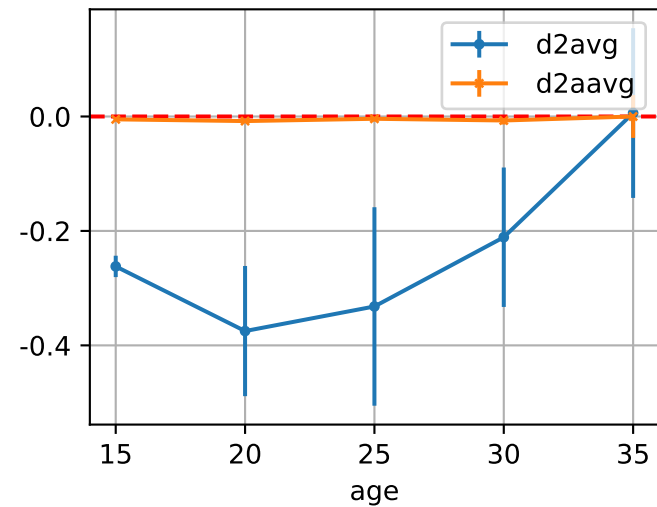
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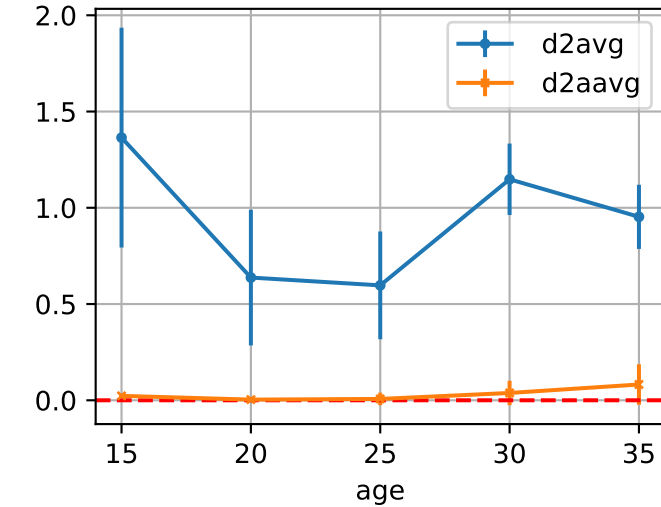
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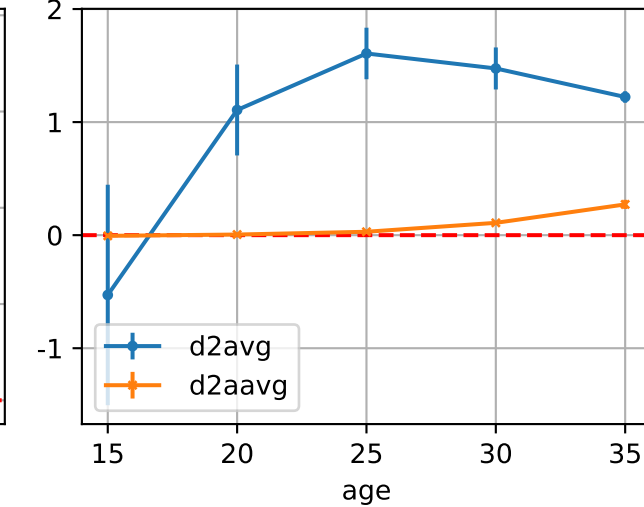
organID=3



organID=4

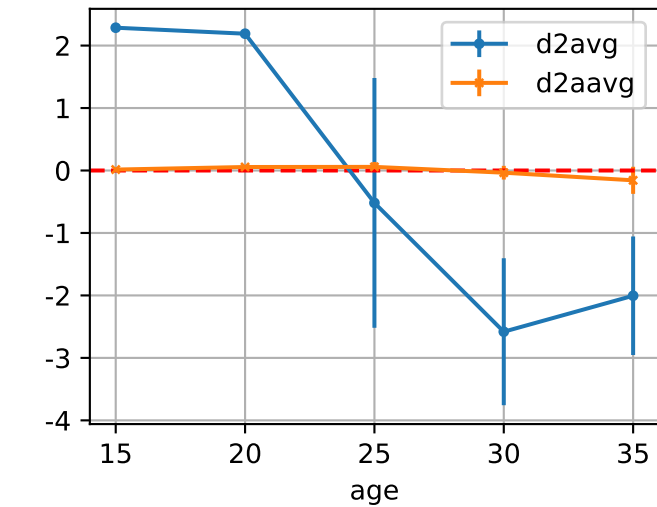


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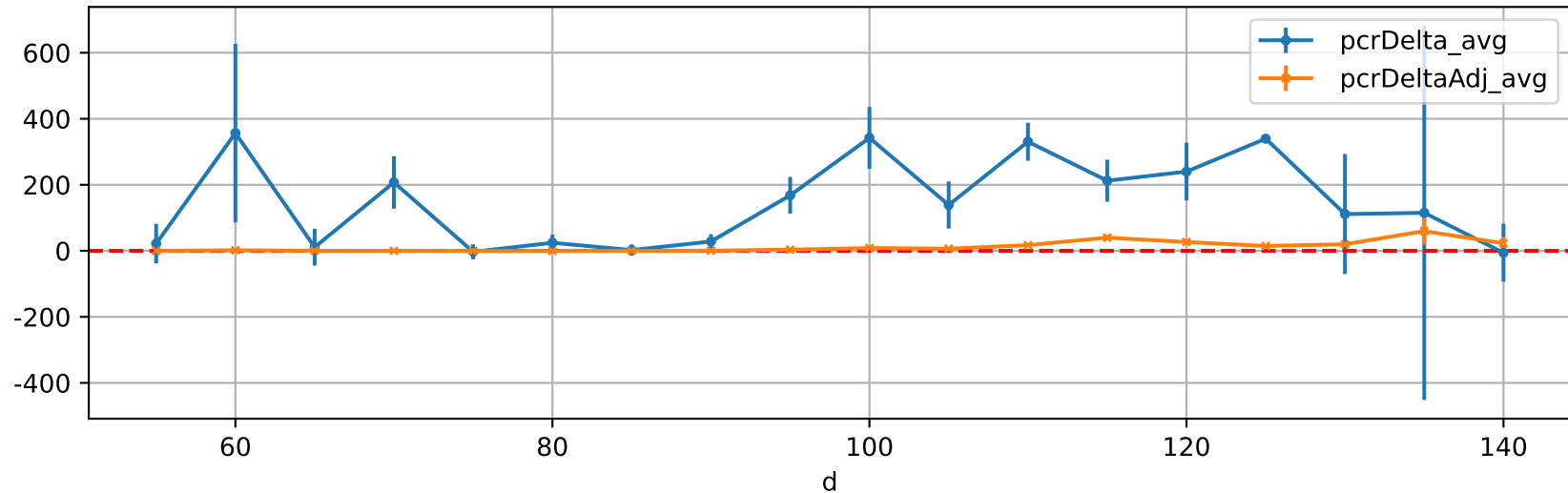


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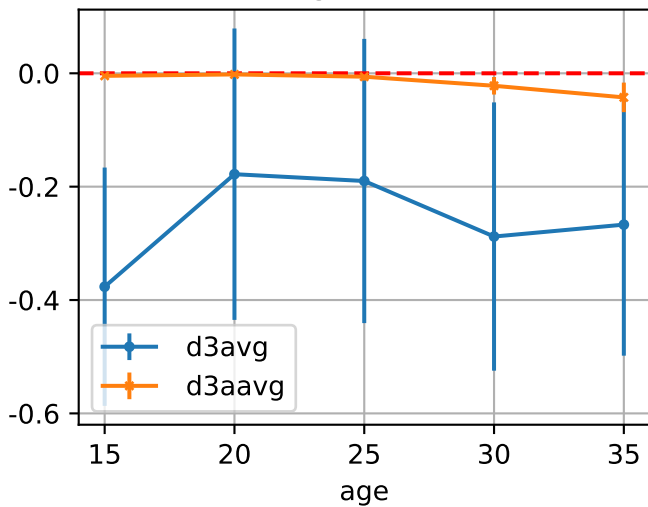
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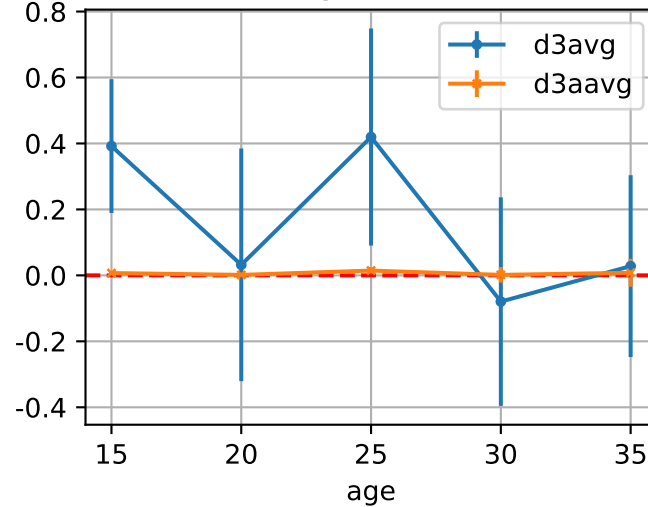
P10AW FrV: D\_Ts\_FrV



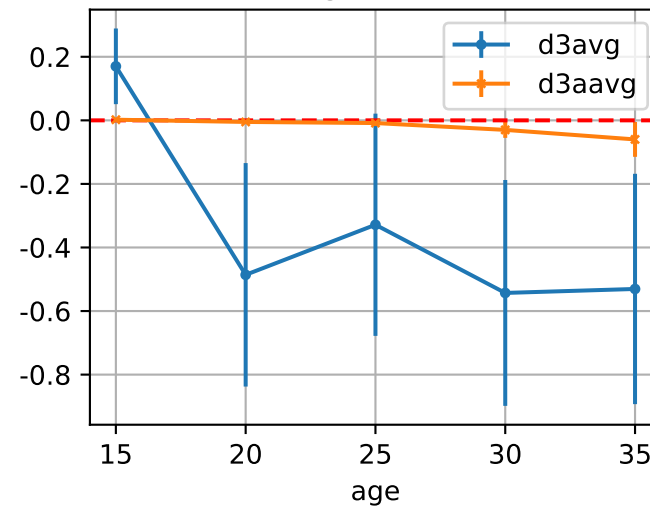
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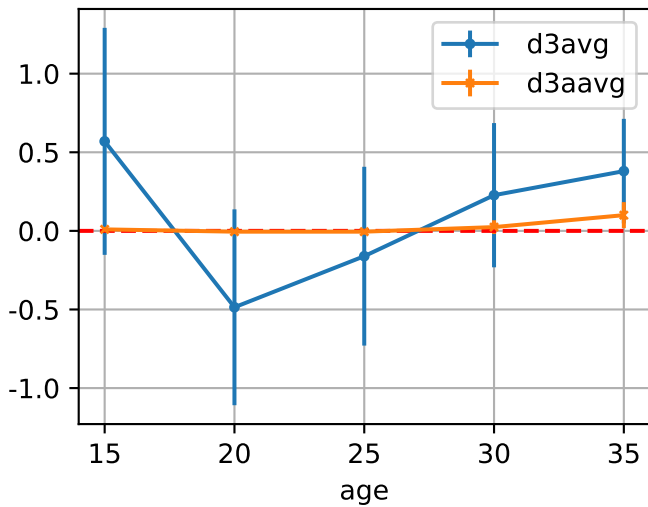
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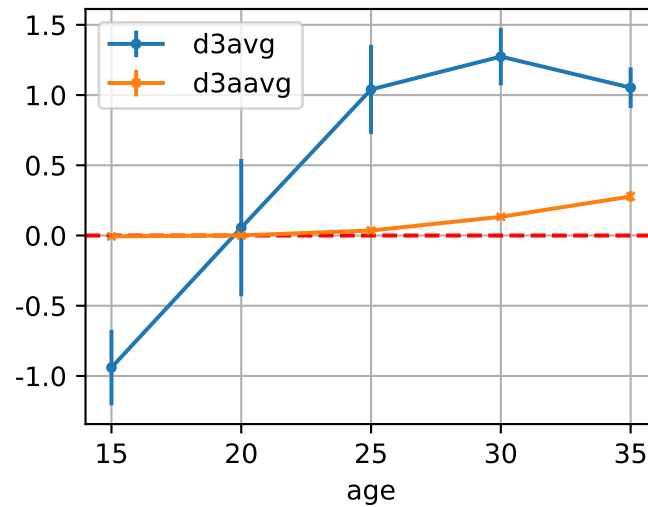
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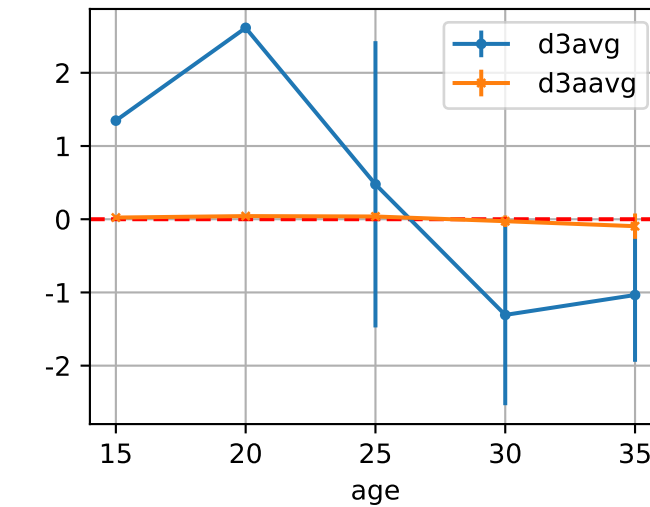
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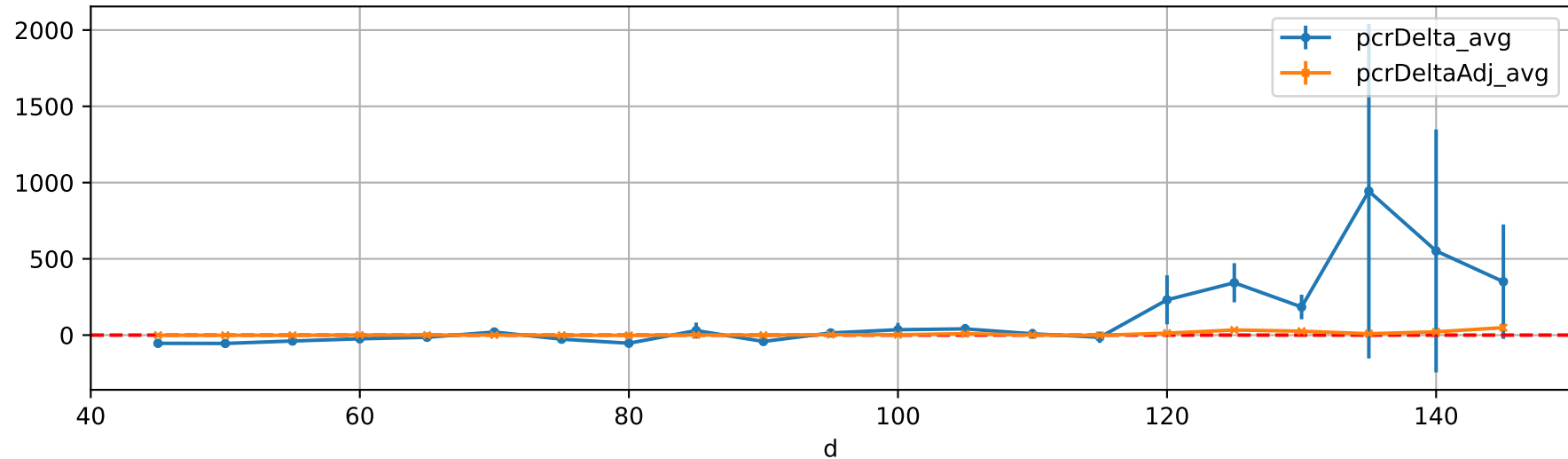
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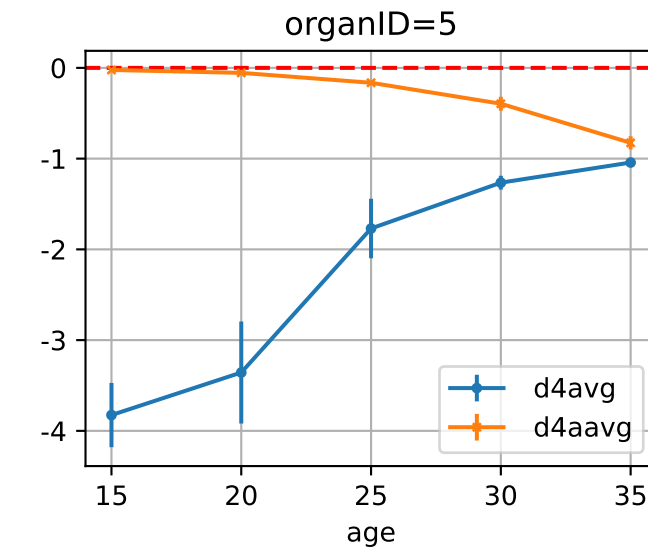
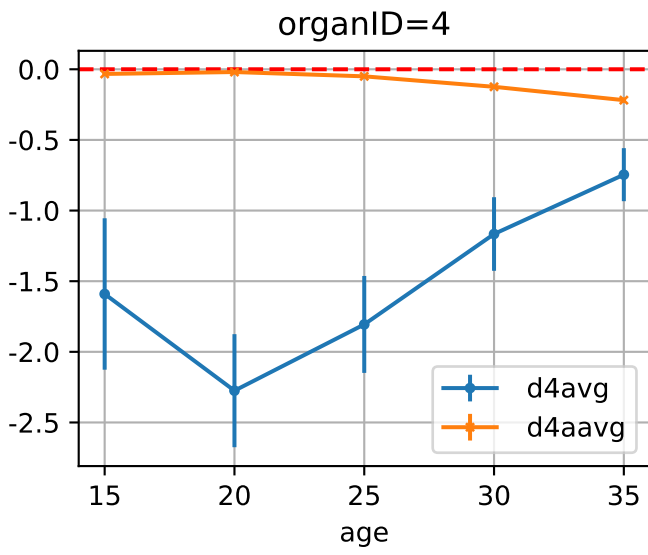
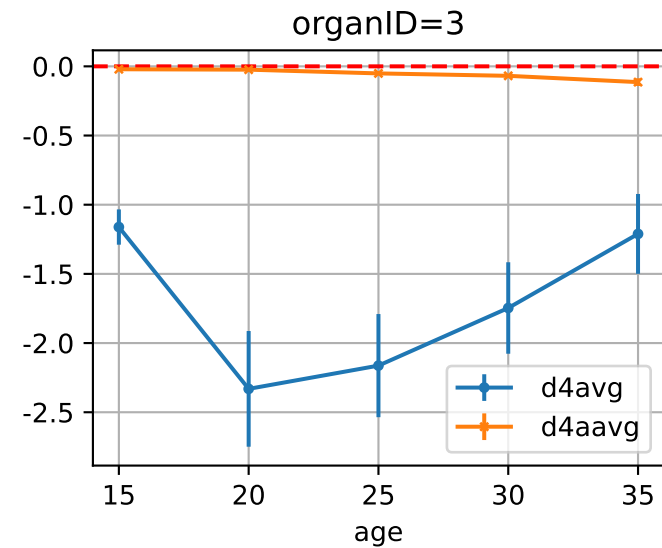
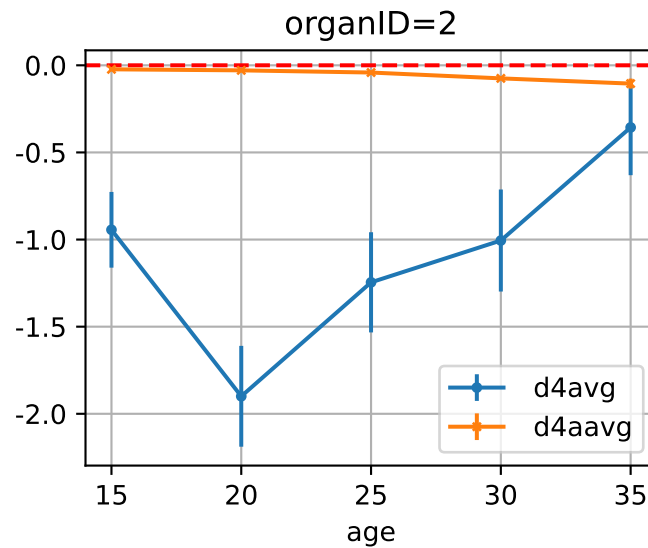
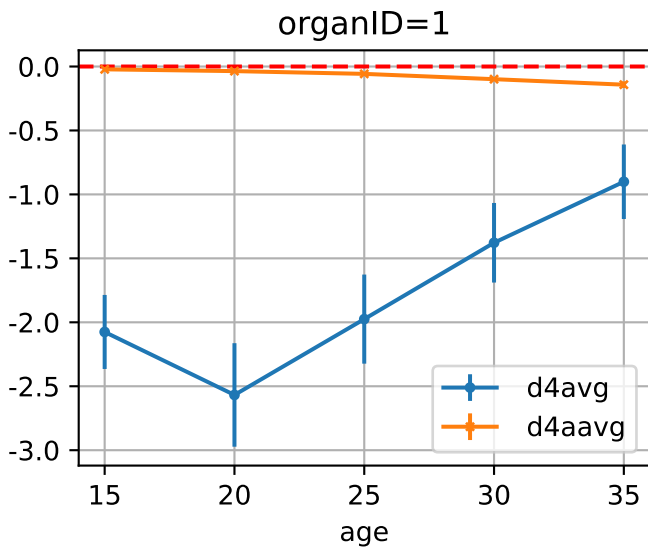


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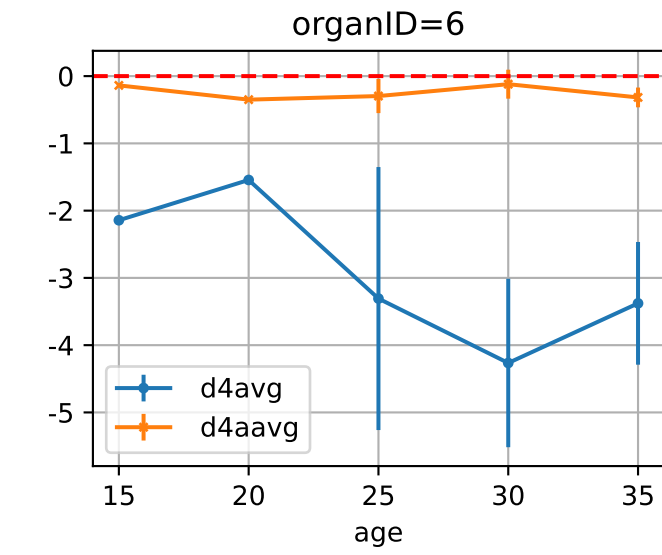


P10AW FrV: D\_Q50\_FrV

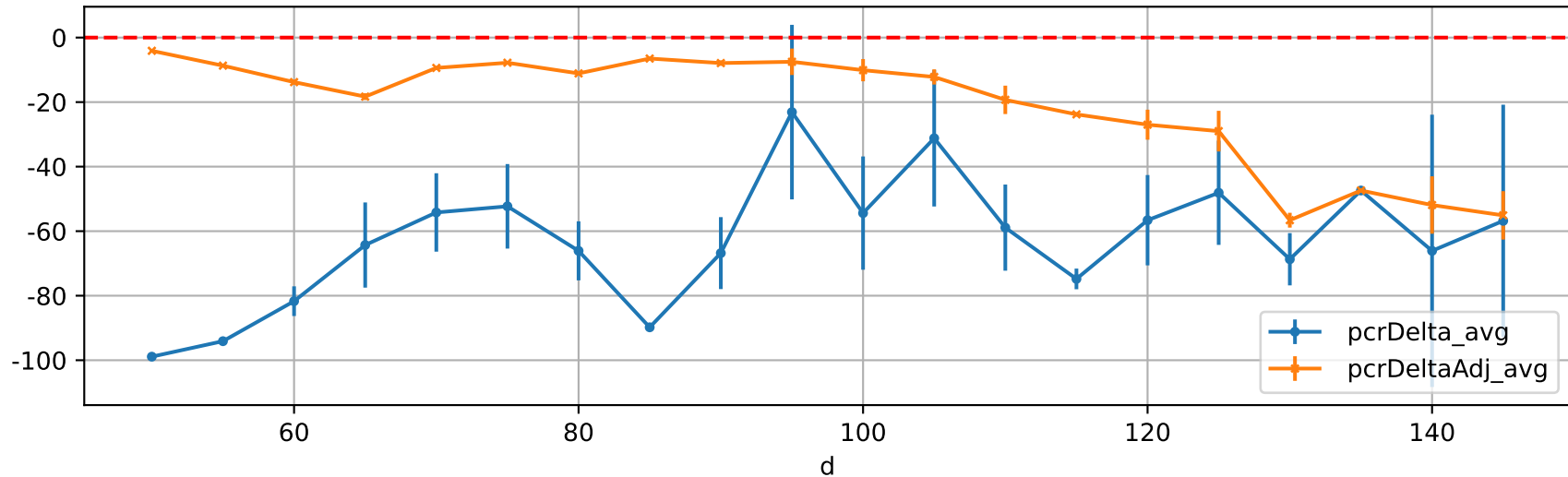




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P10AW FrV: D\_Est\_FrV



P10AW FrV: sfDem

