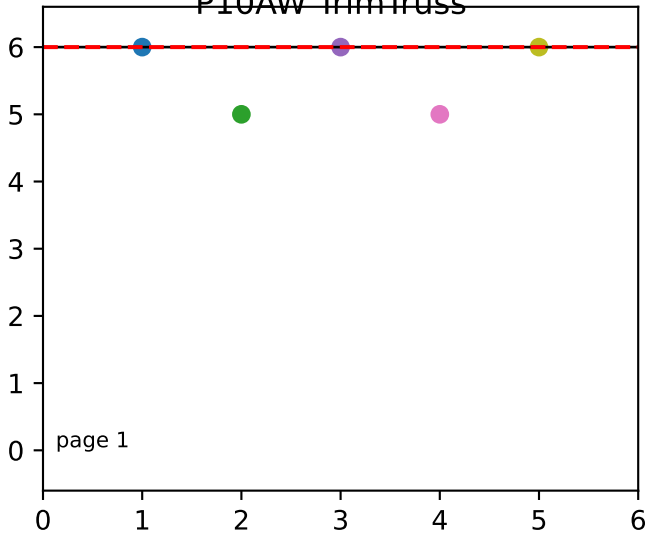


*Phenotype Data Analysis Plots*  
*PhenoData day range = 18 - 172*  
*Analysis cutoff day = 172*  
*NC11 P10*  
*2026-04-09 (Day 173)*

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

P10AW

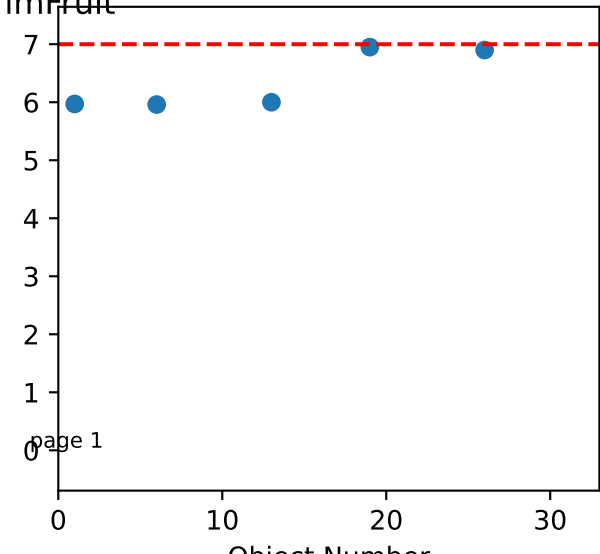
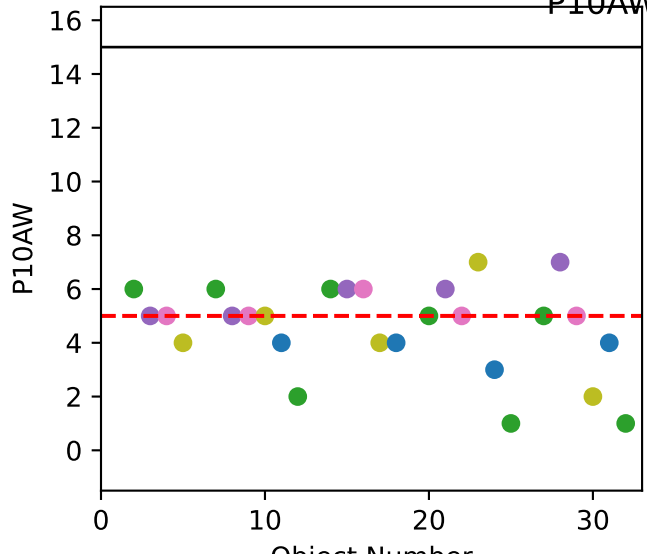


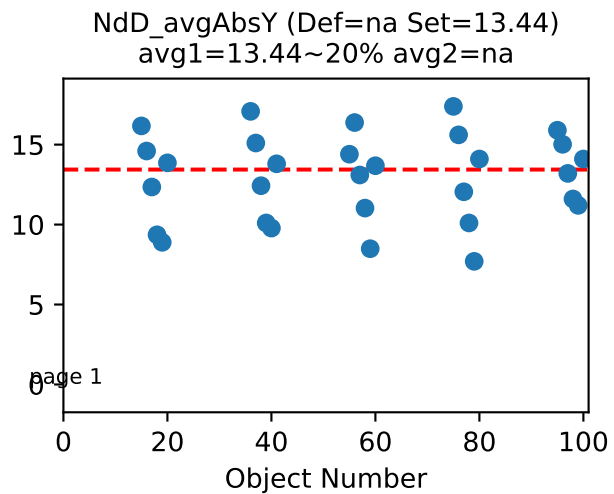
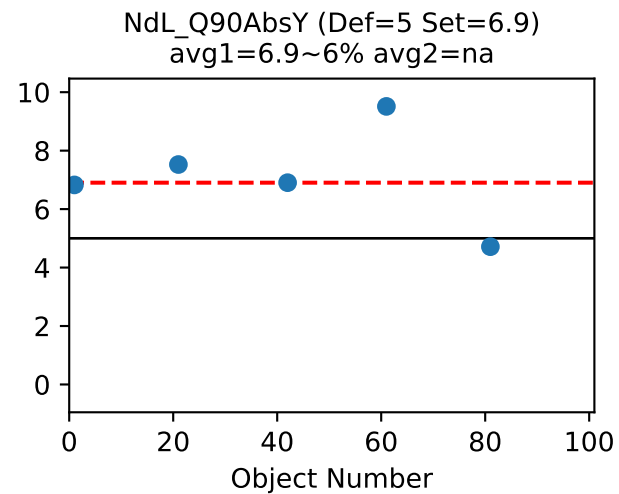
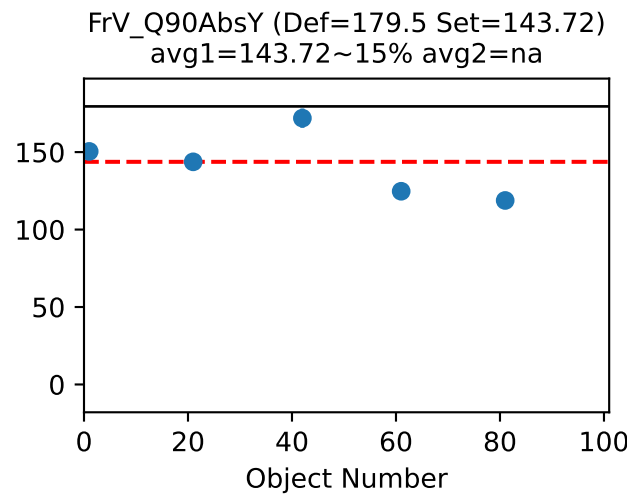
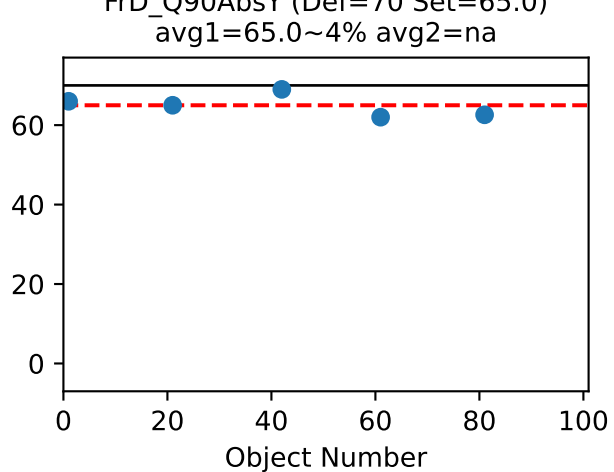
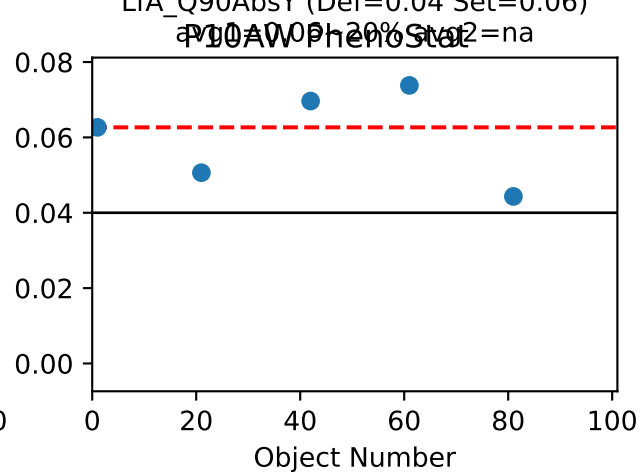
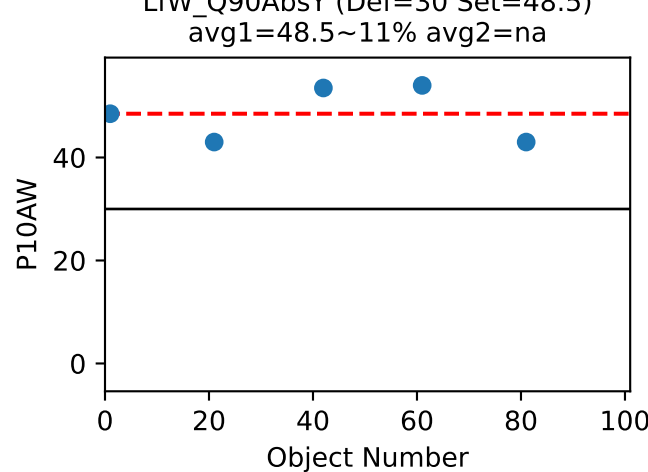
page 1

avg1=5.0~32% avgz=na

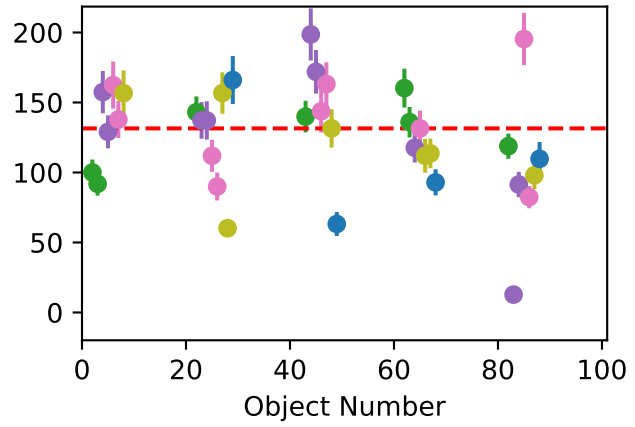
P10AW TrimFruit

avg1=7.0~8% avgz=na

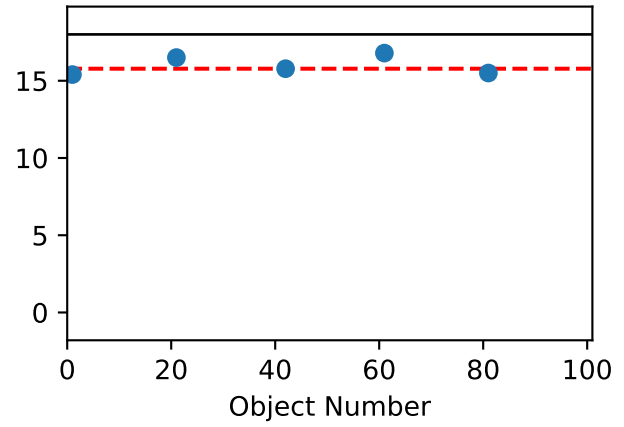




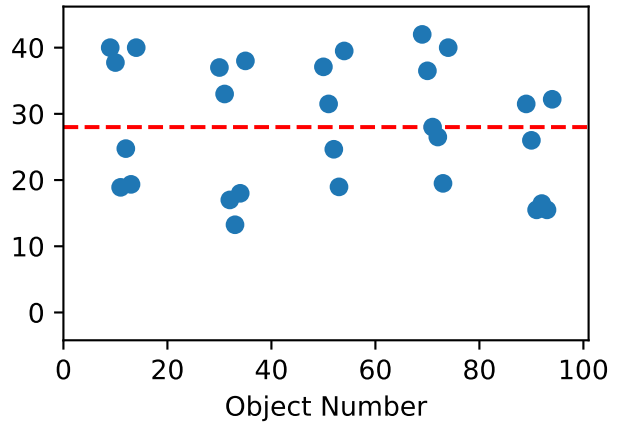
FrV\_avgAbsY (Def=na Set=151.49)  
avg1=131.49~26% avg2=na



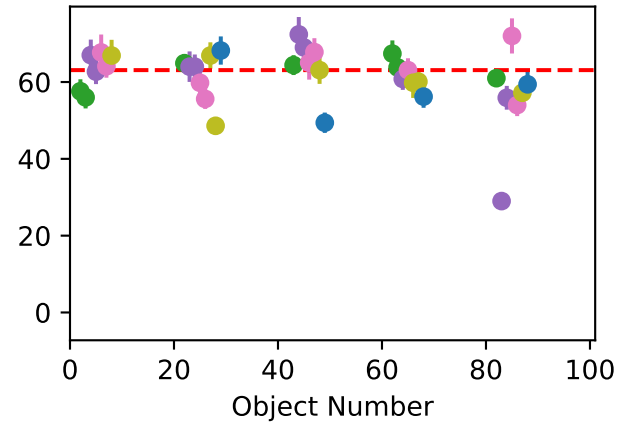
NdD\_Q90AbsY (Def=18 Set=15.76)  
avg1=15.76~4% avg2=na



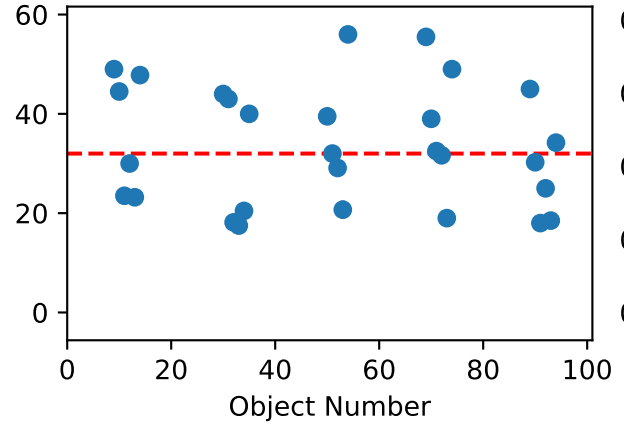
LfL\_avgAbsY (Def=na Set=28.0)  
avg1=28.0~34% avg2=na



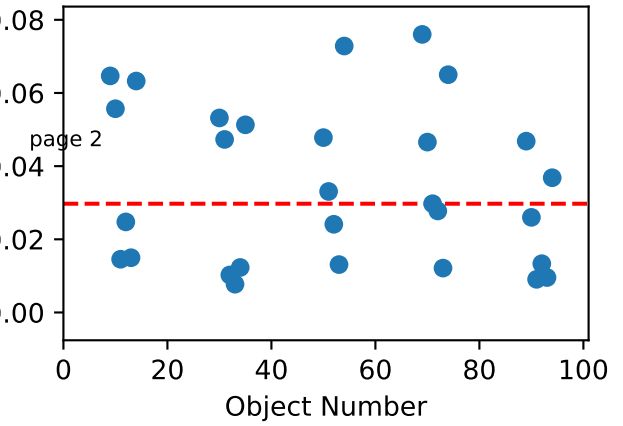
FrD\_avgAbsY (Def=na Set=63.1)  
avg1=63.1~9% avg2=na



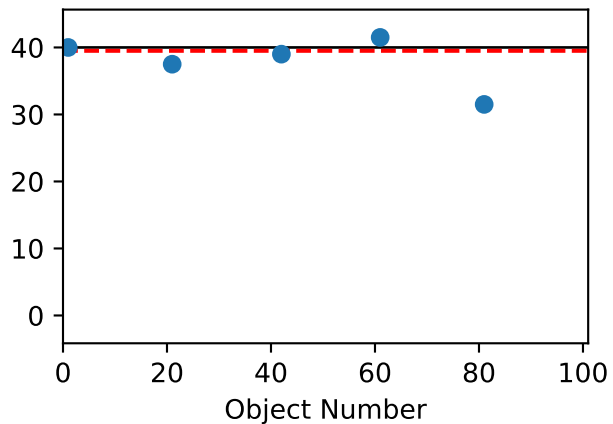
LfW\_avgAbsY (Def=na Set=32.0)  
avg1=32.0~38% avg2=na



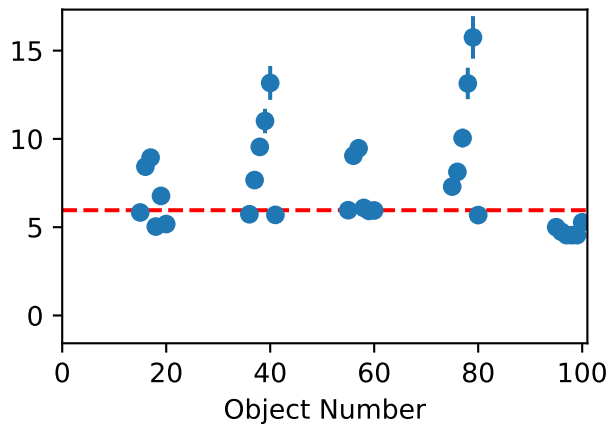
LfA\_avgAbsY (Def=na Set=0.03)  
avg1=0.03~73% avg2=na



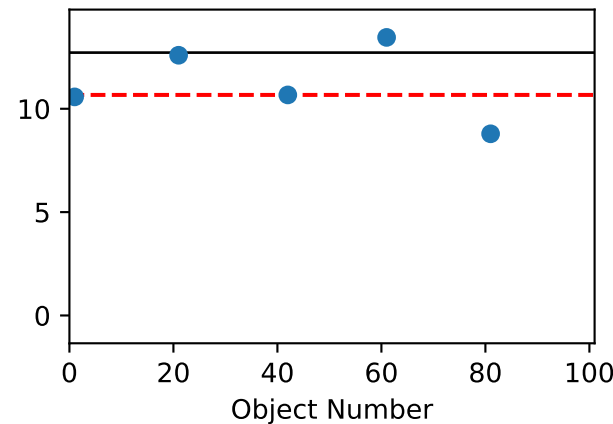
LIL\_Q90AbsY (Def=40 Set=39.5)  
avg1=39.5~4% avg2=na



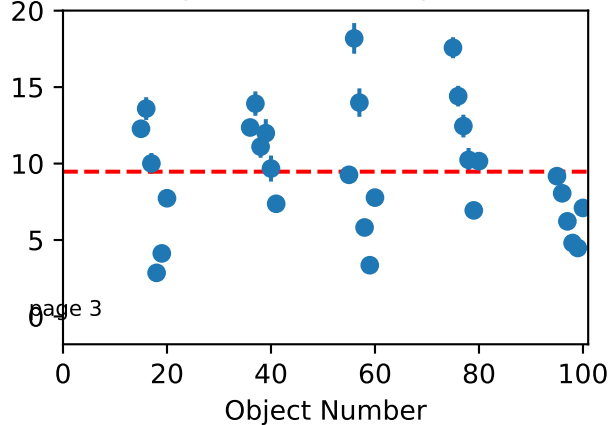
NdL\_avgAbsY (Def=na Set=5.96)  
avg1=5.96~42% avg2=na



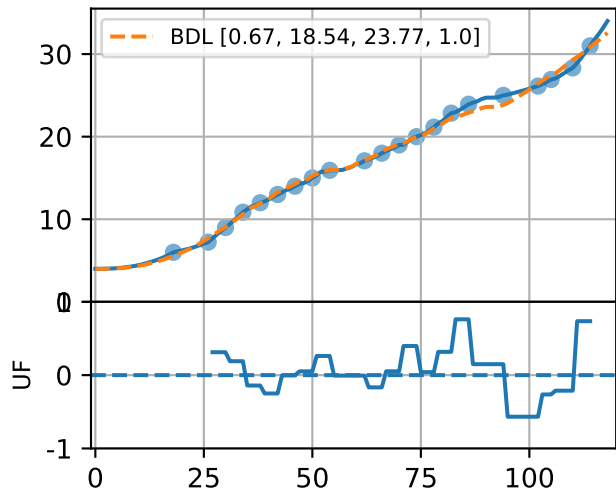
NdV\_Q90AbsY (Def=12.72 Set=10.67)  
avg1=10.67~17% avg2=na



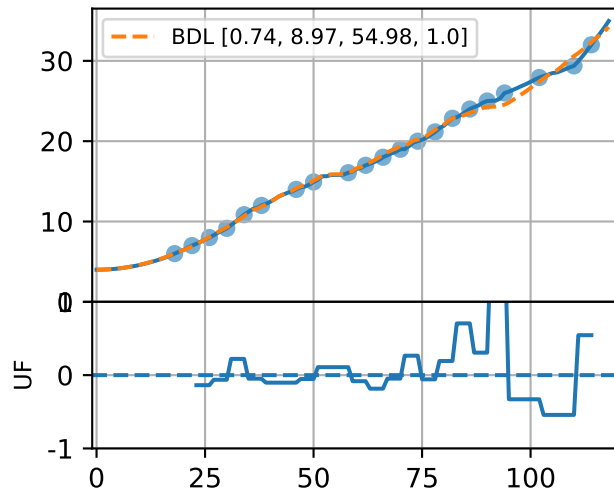
NdV\_avgAbsY (Def=na Set=9.47)  
avg1=9.47~42% avg2=na



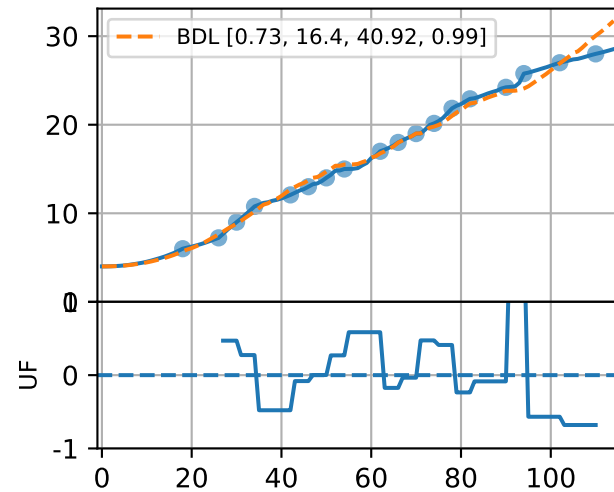
P10AW-004-12 (fit failed)



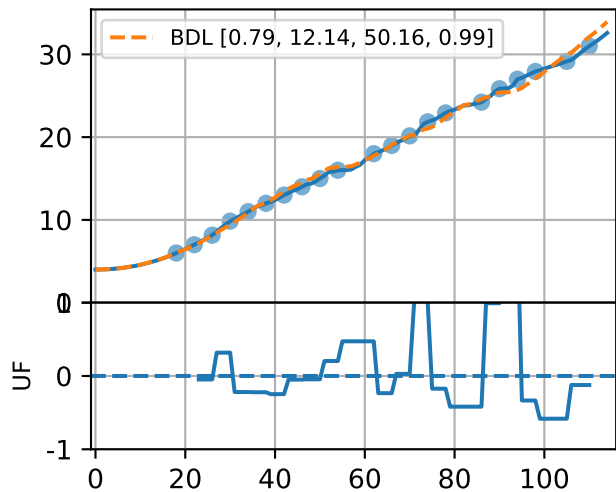
P10AW-010-25 (fit failed)



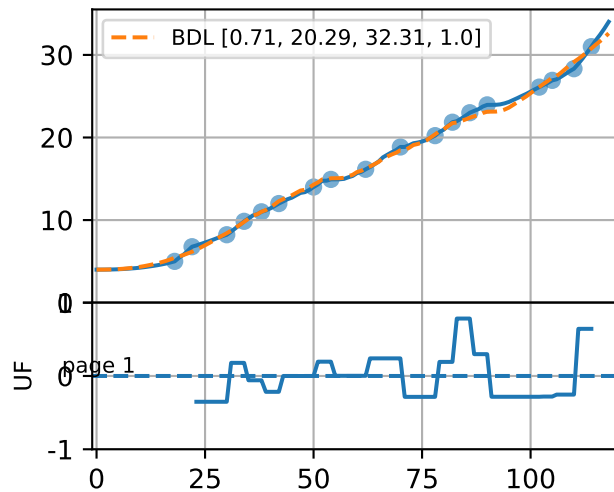
P10AW-017-16 (fit failed)



P10AW-025-3 (fit failed)

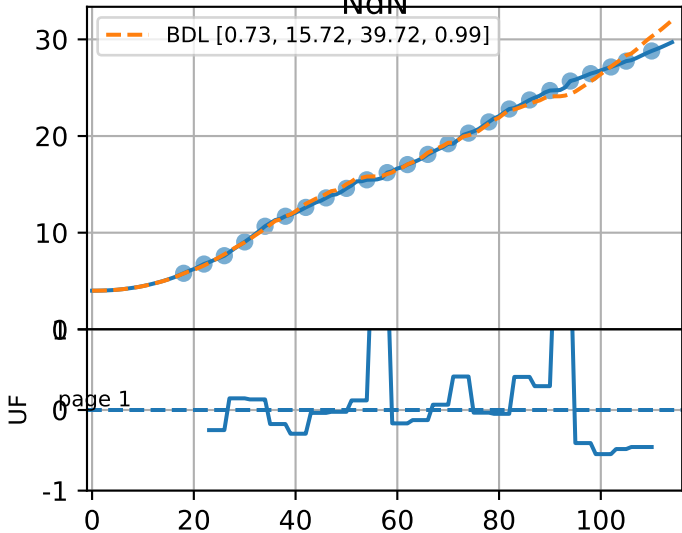


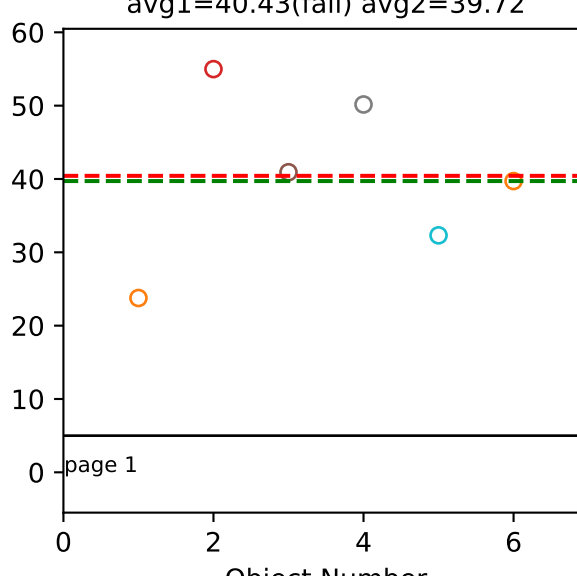
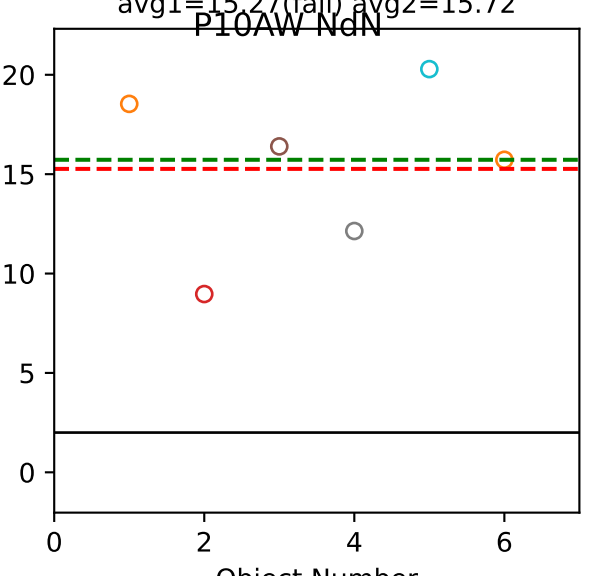
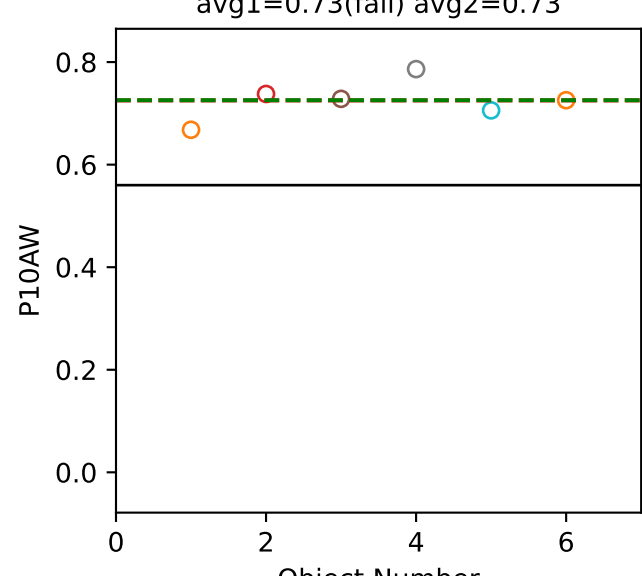
P10AW-032-33 (fit failed)

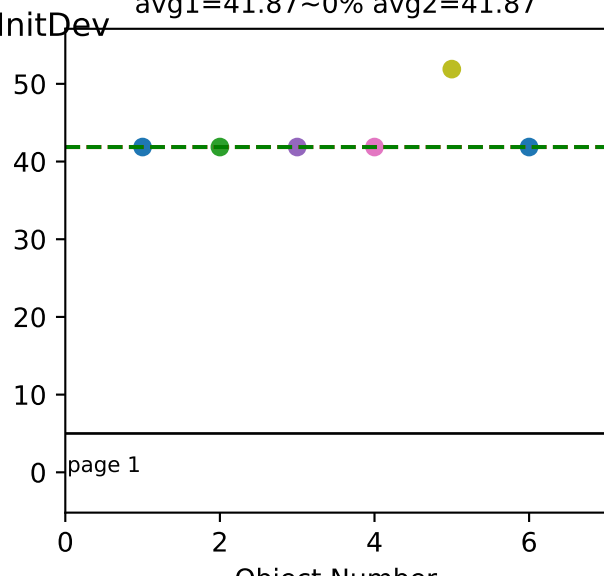
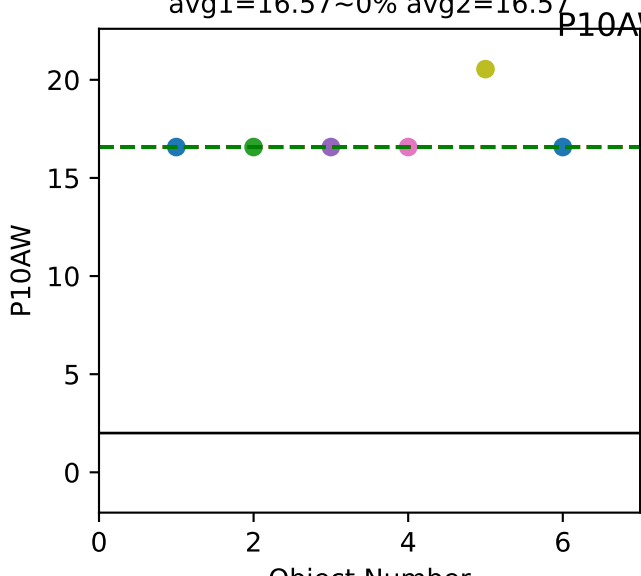


# P10Aavg (fit failed)

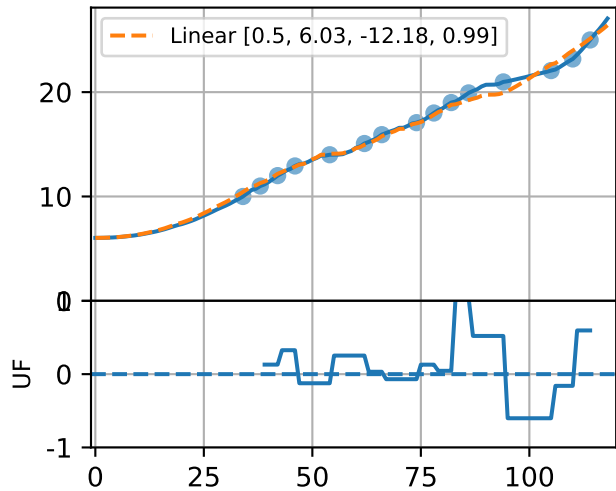
NaN



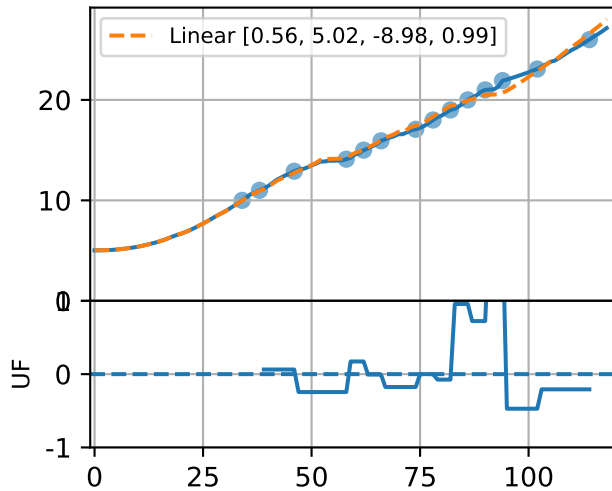




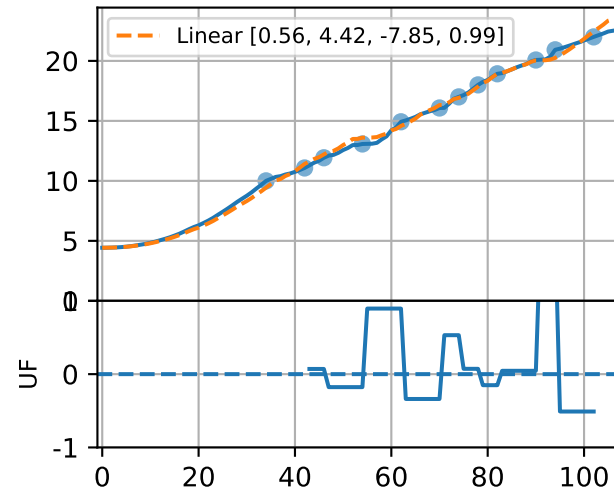
P10AW-004-12



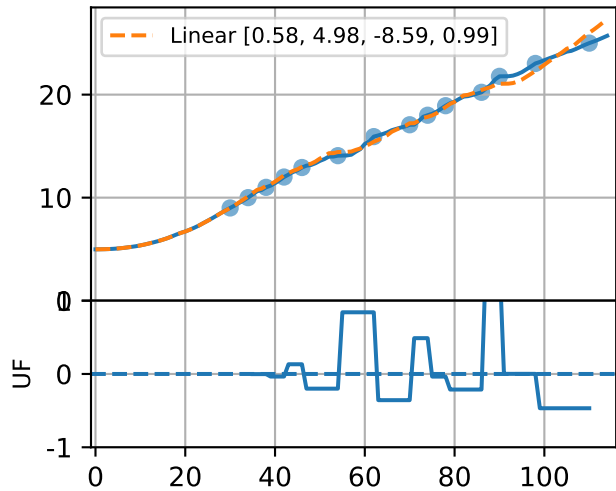
P10AW-010-25



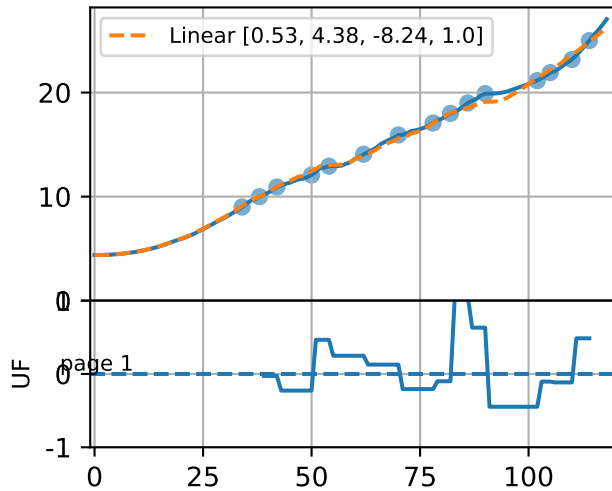
P10AW-017-16



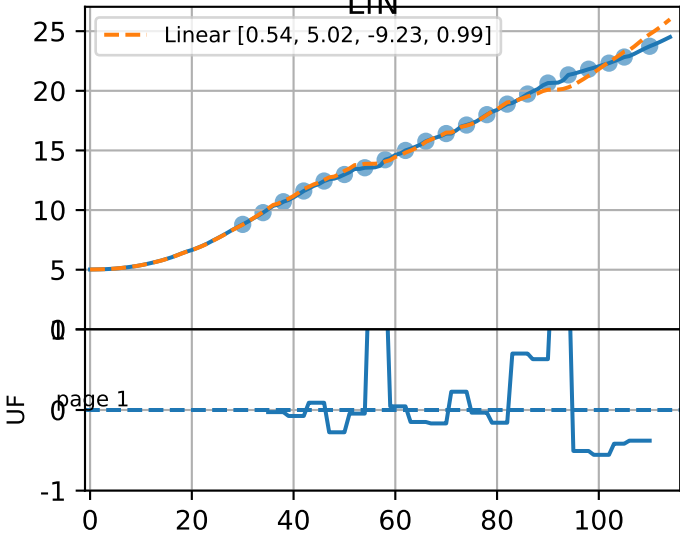
P10AW-025-3

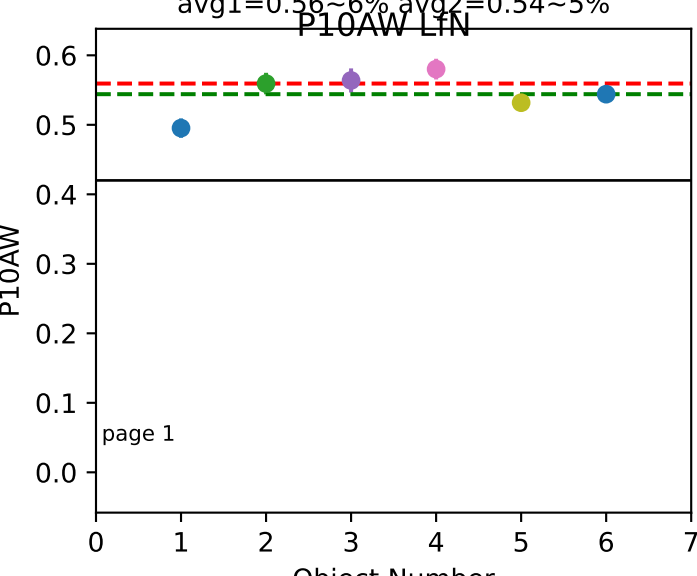


P10AW-032-33

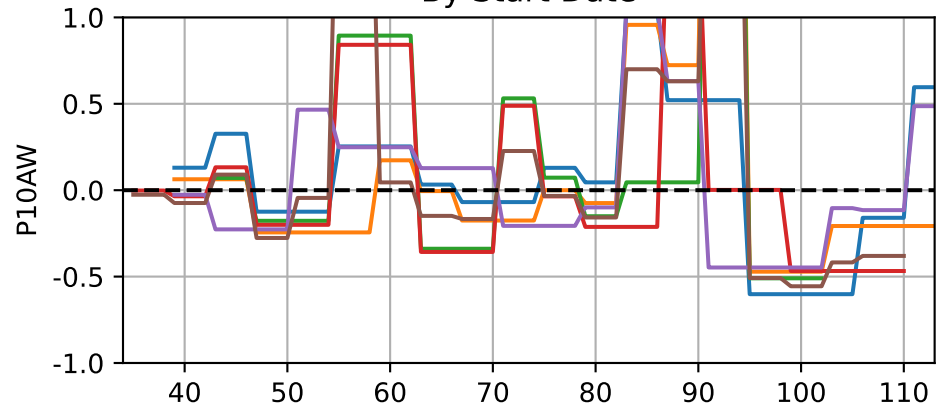


P10A wavg  
LfN

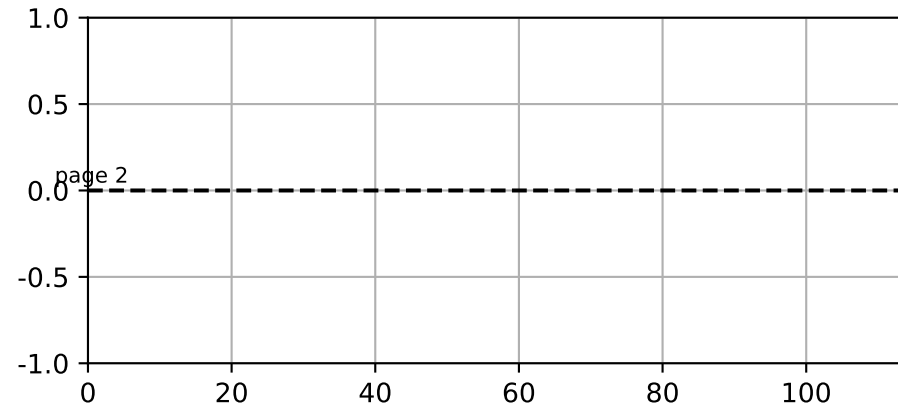
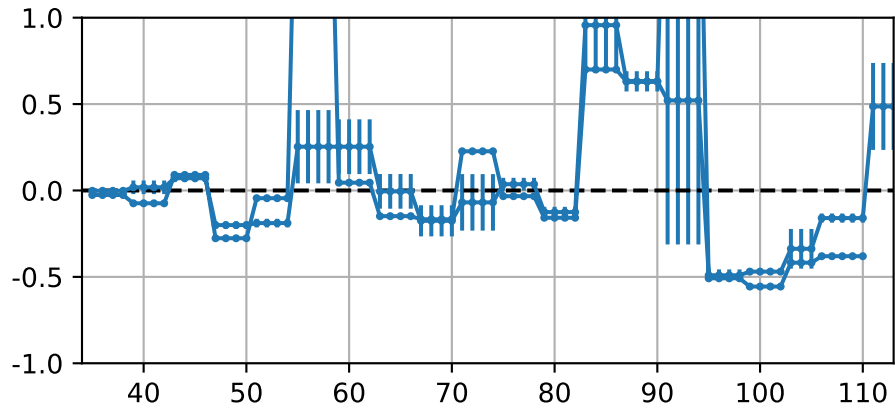
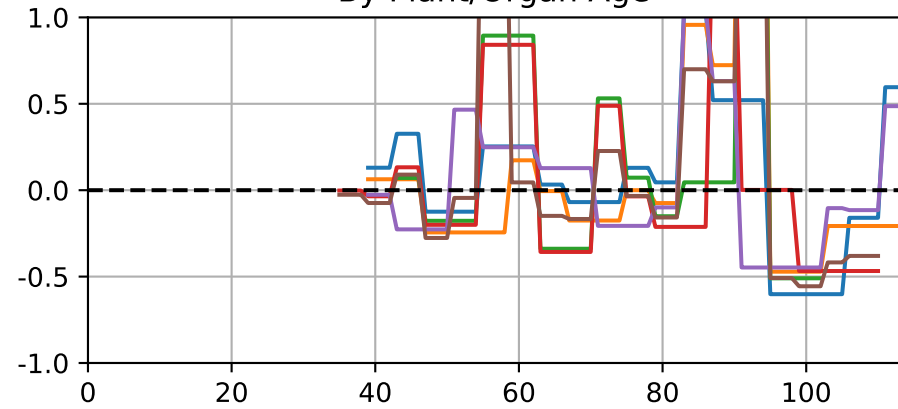




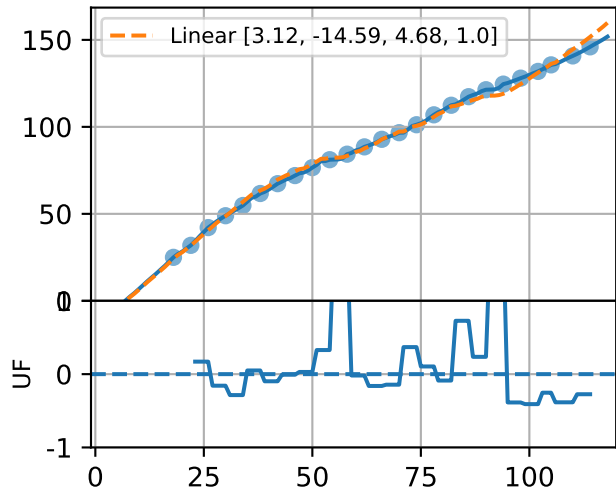
By Start Date



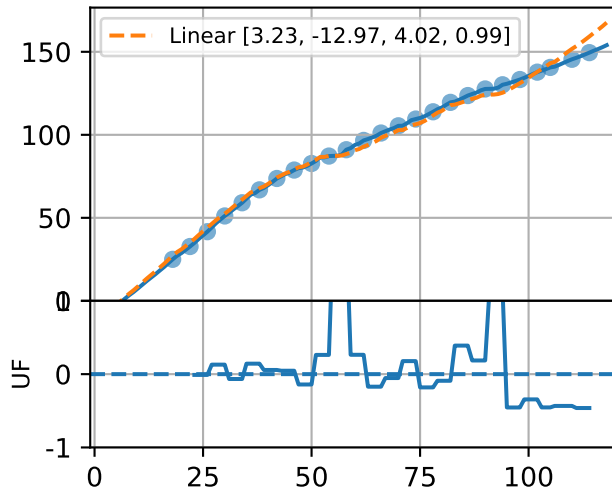
By Plant/Organ Age



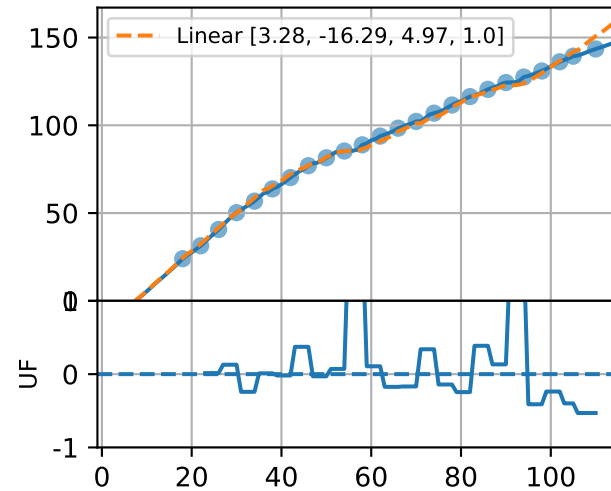
P10AW-004-12



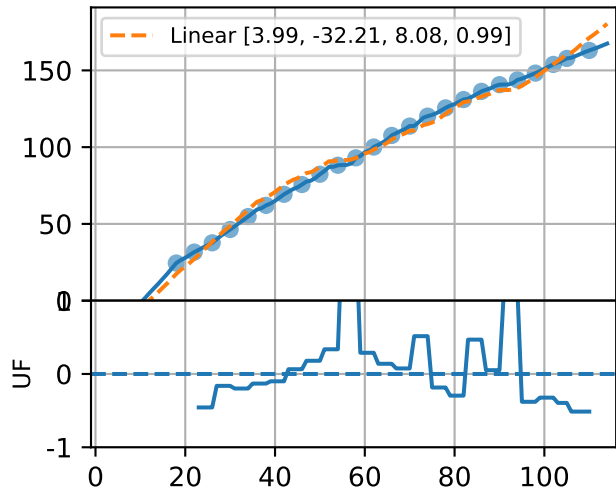
P10AW-010-25



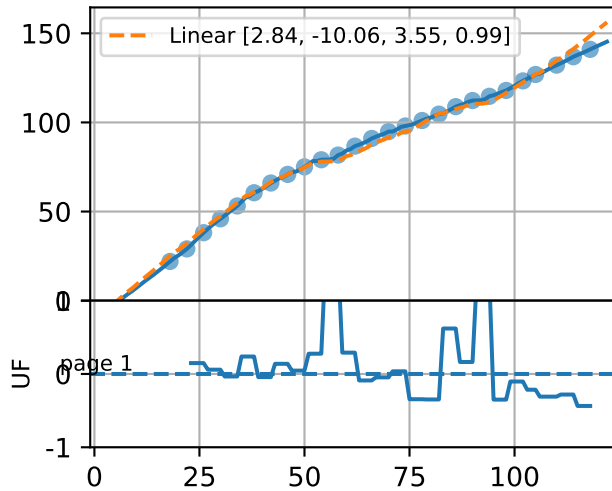
P10AW-017-16



P10AW-025-3



P10AW-032-33

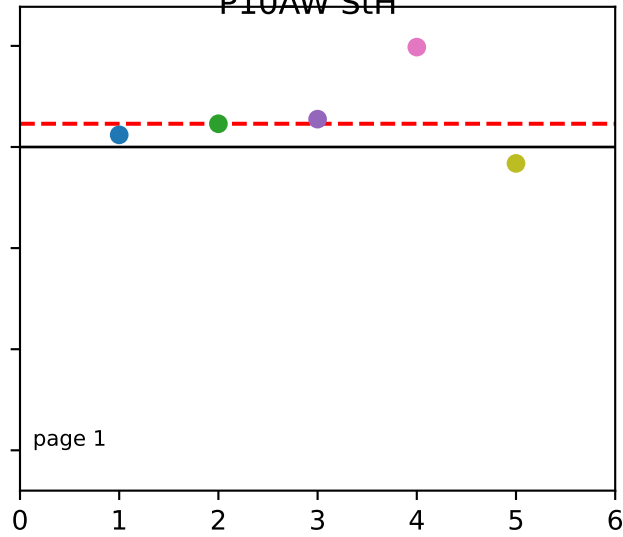


avg1=3.73~2% avg2=na

P10AW StH

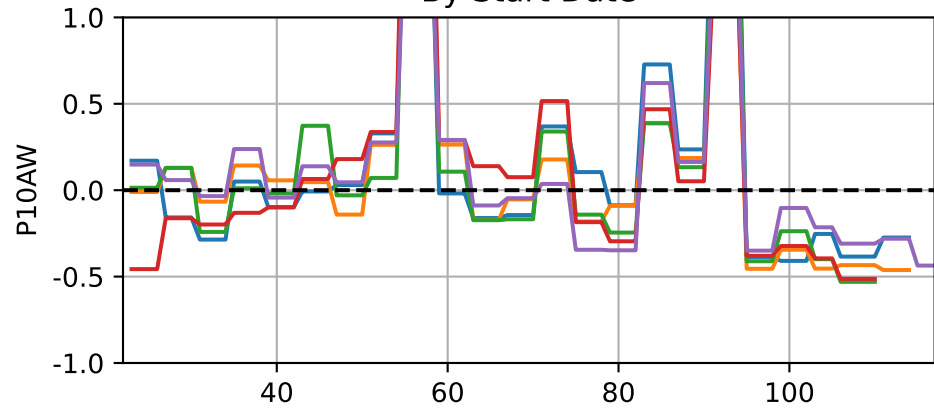
P10AW

page 1

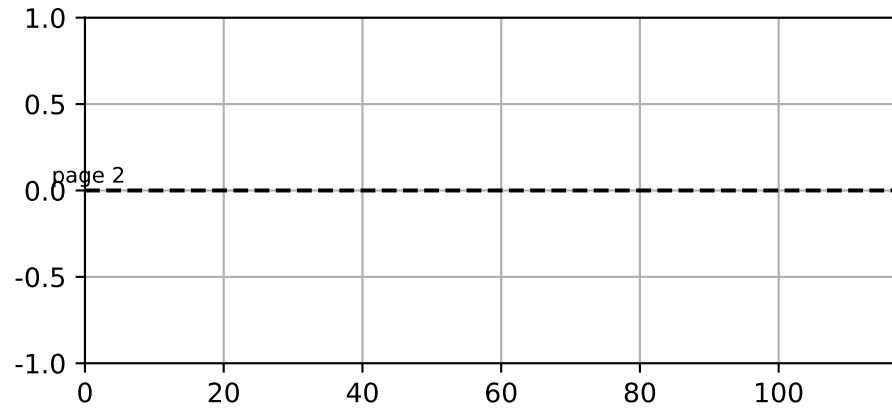
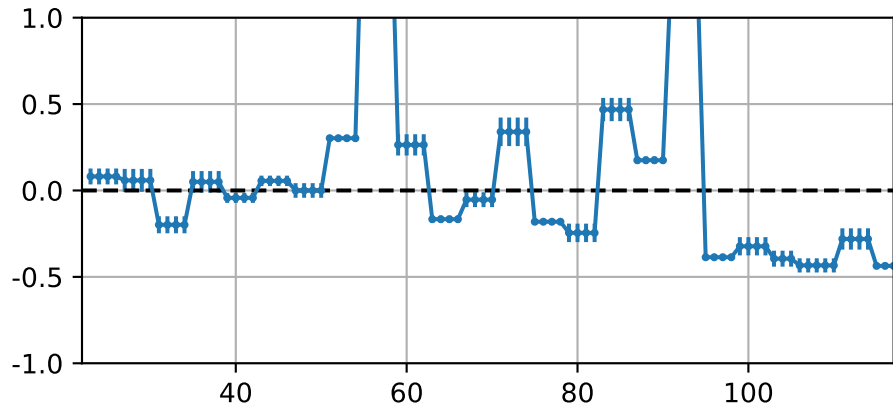
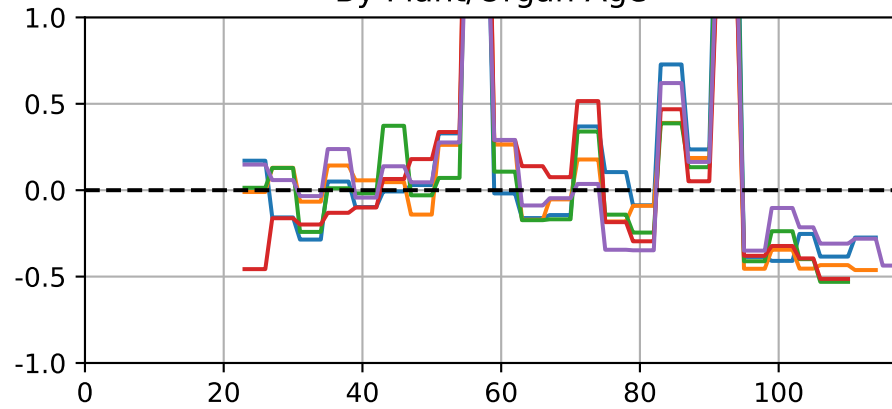


Object Number

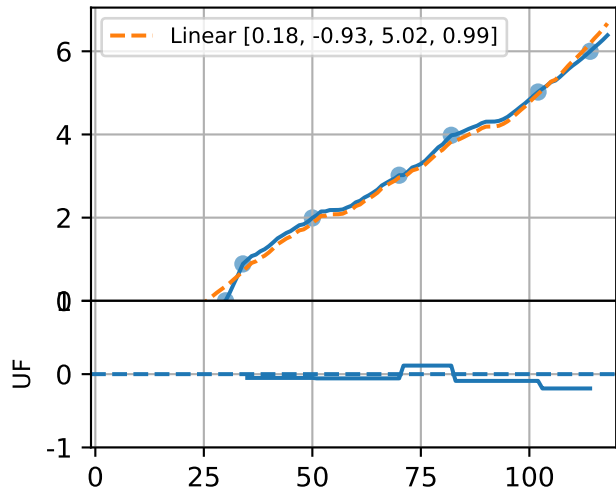
By Start Date



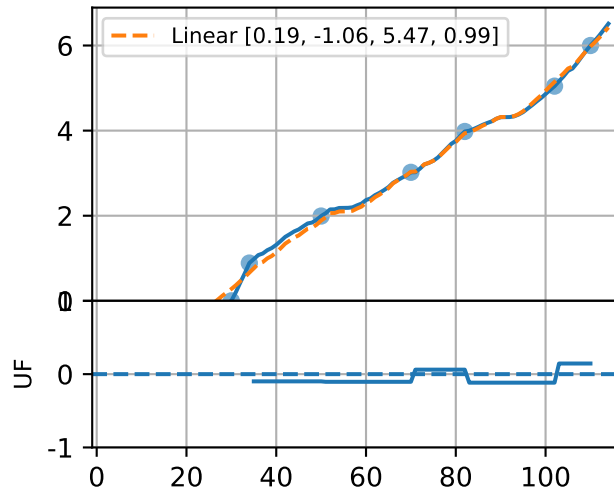
By Plant/Organ Age



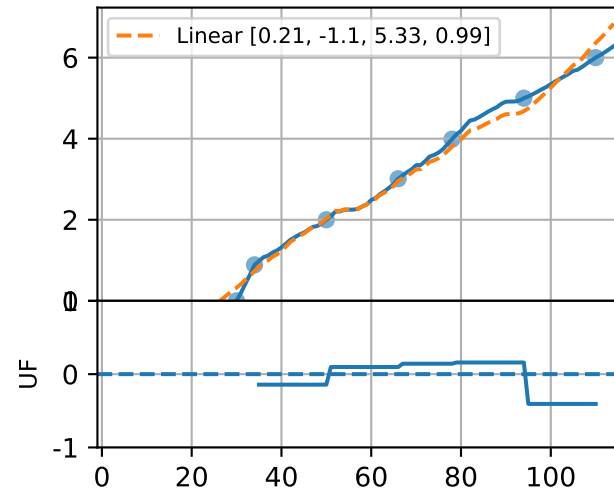
P10AW-004-12



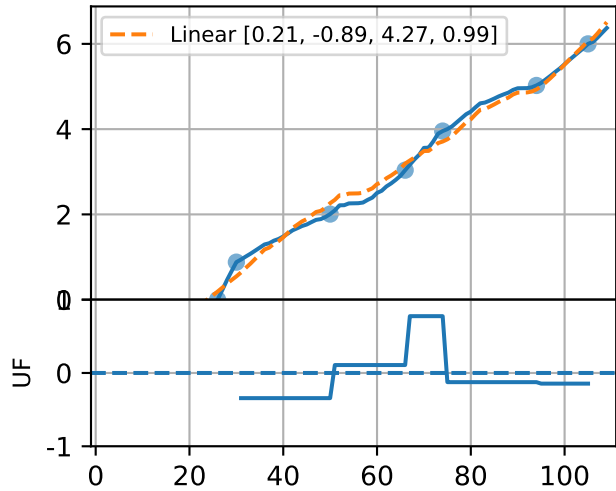
P10AW-010-25



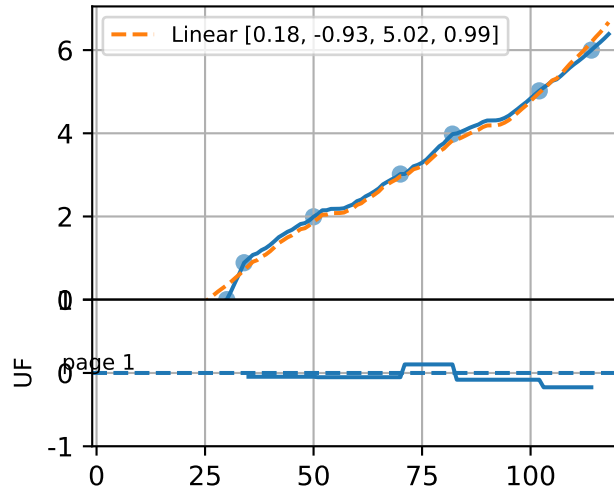
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P10AW-025-3

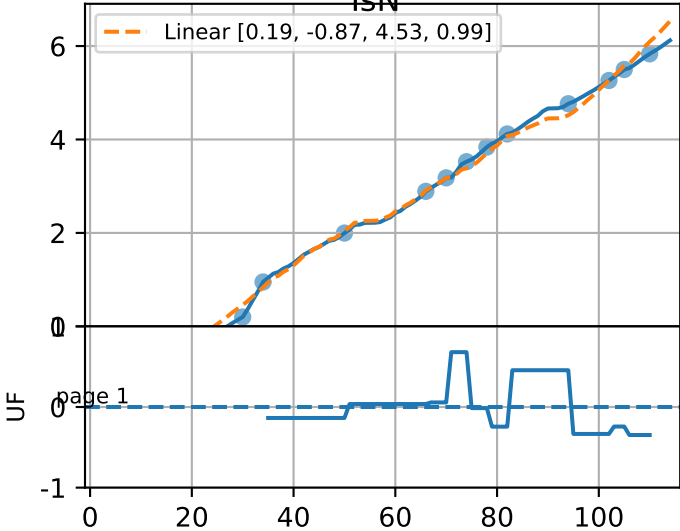


P10AW-032-33



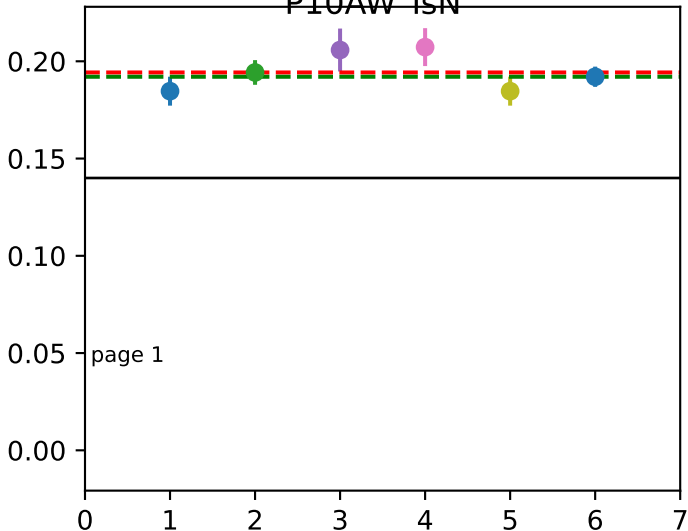
PIQAvavg  
ISN

Linear [0.19, -0.87, 4.53, 0.99]



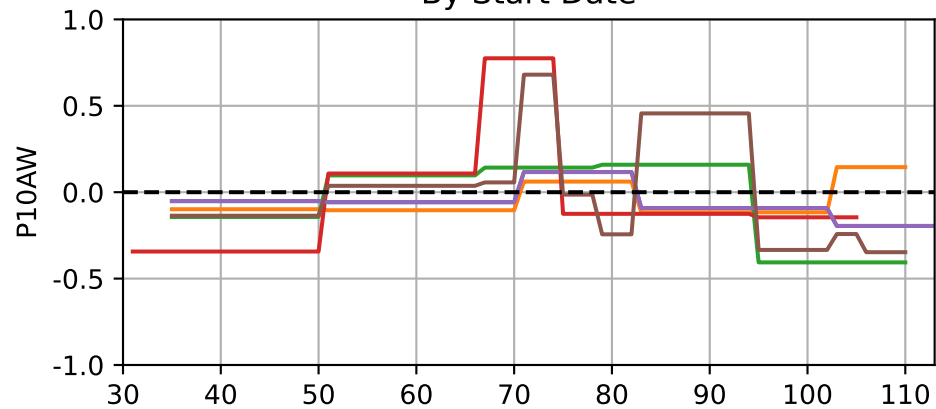
UF  
page 1

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

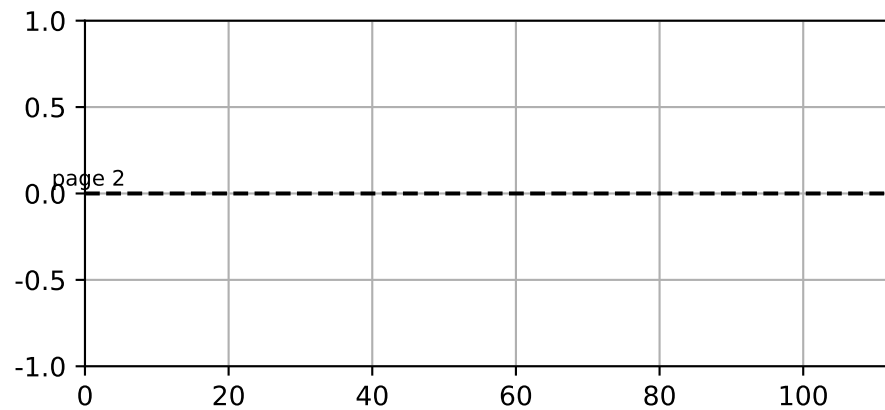
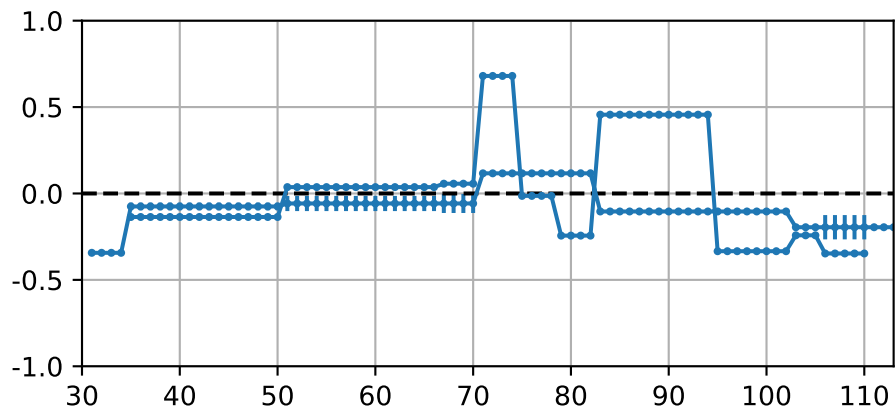
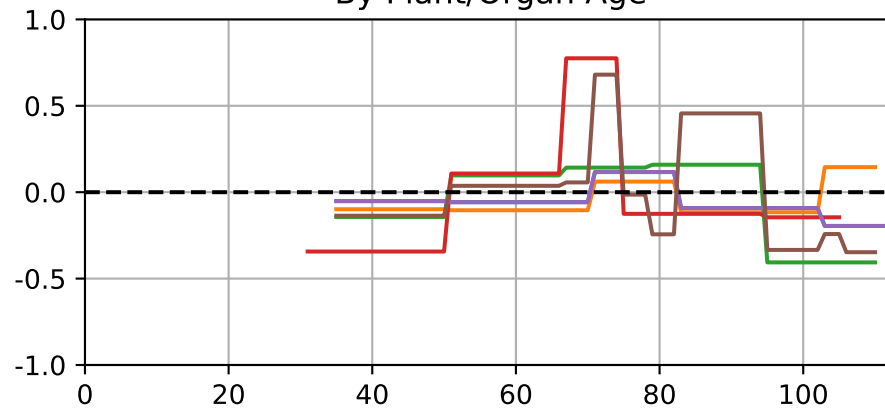


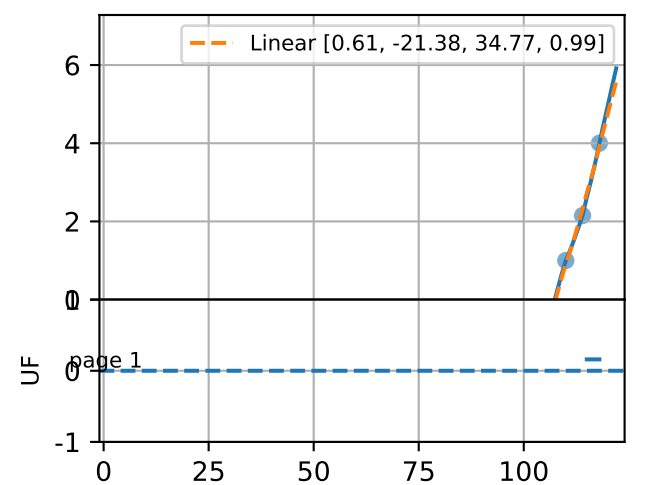
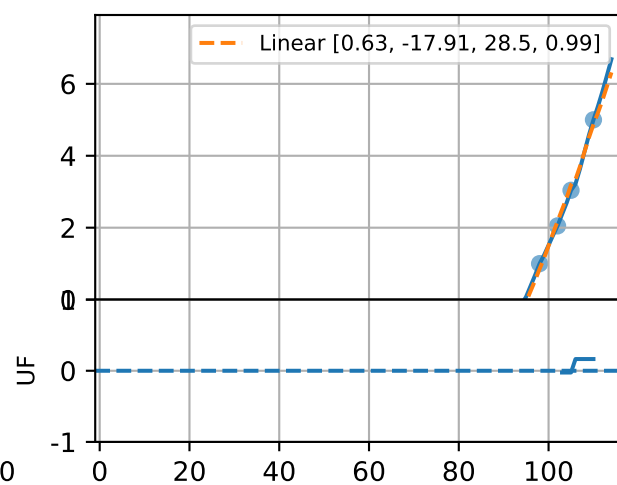
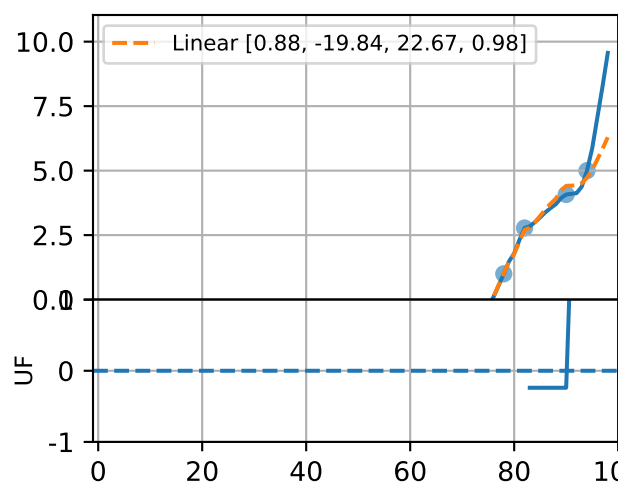
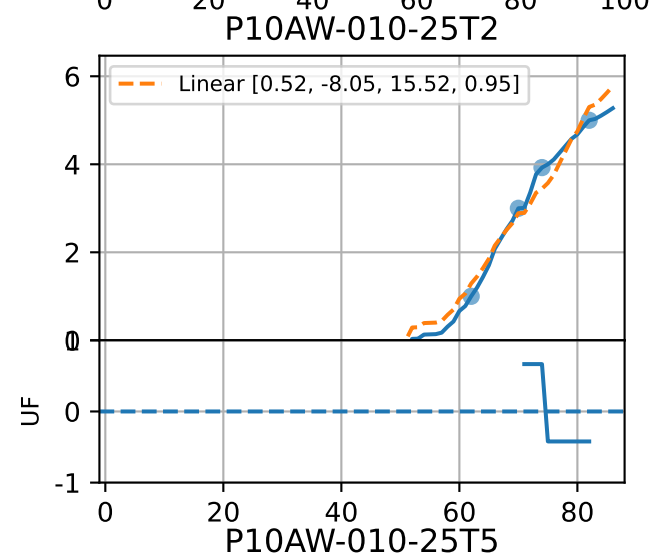
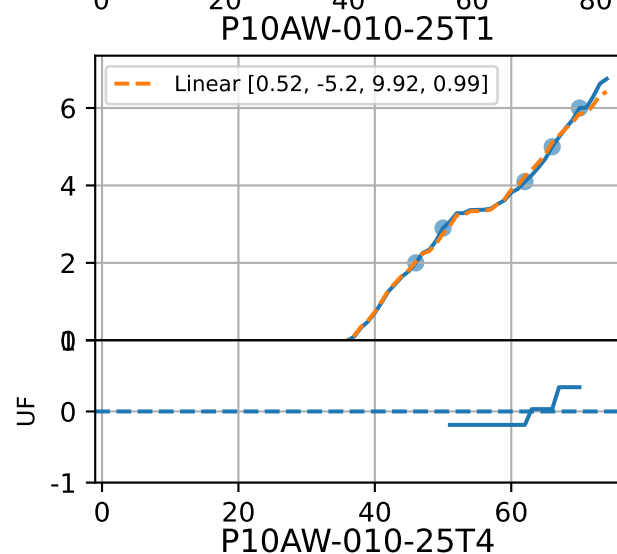
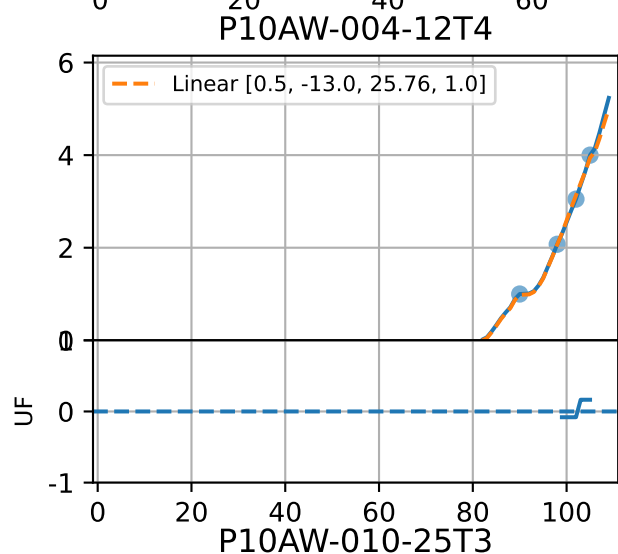
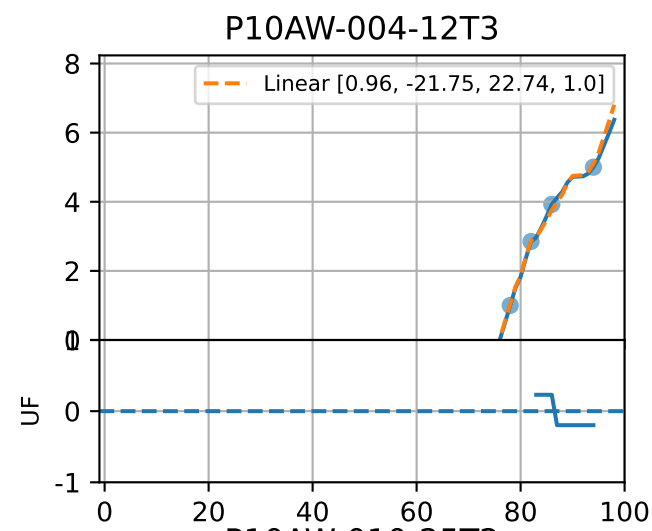
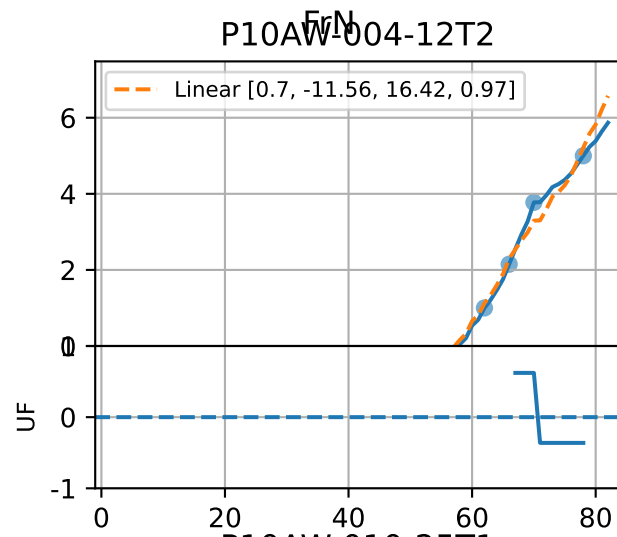
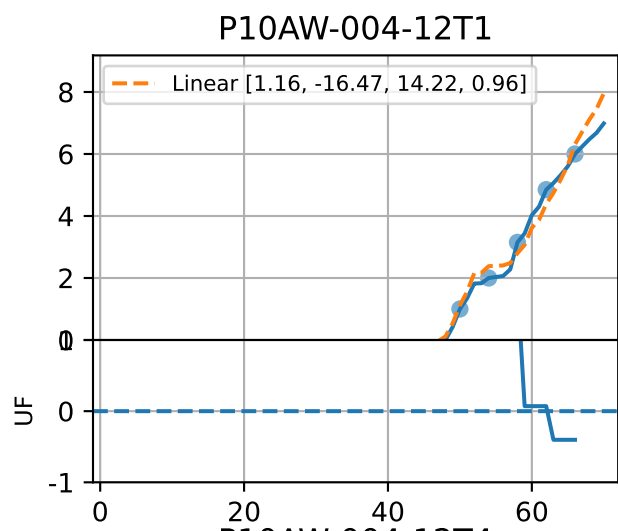
page 1

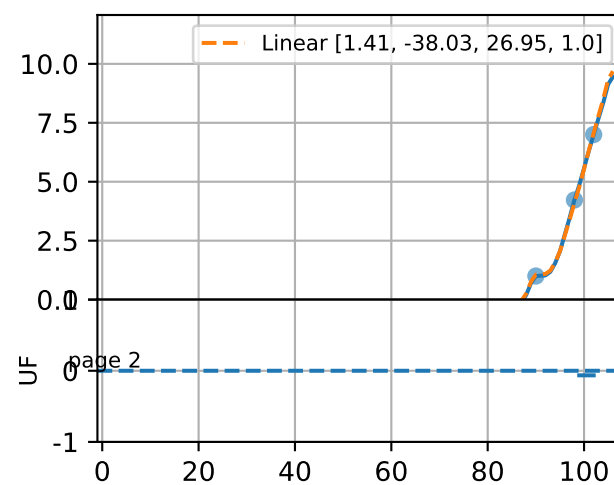
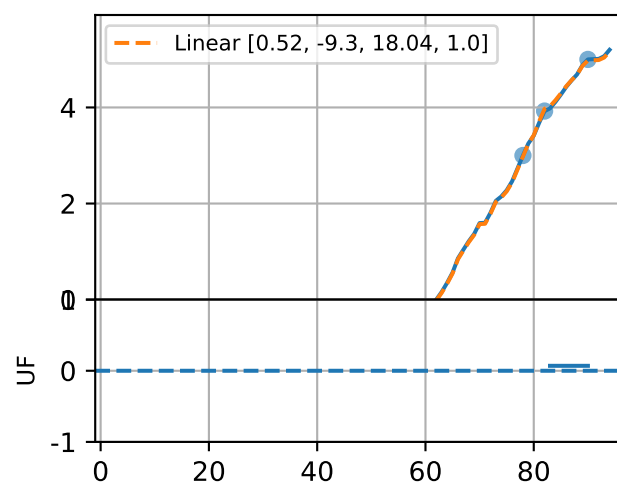
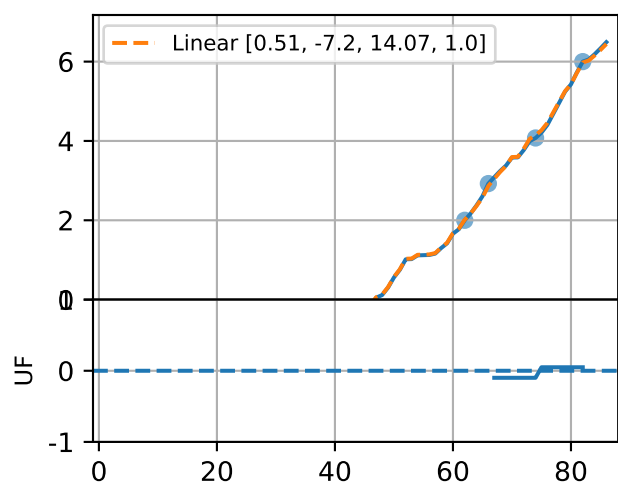
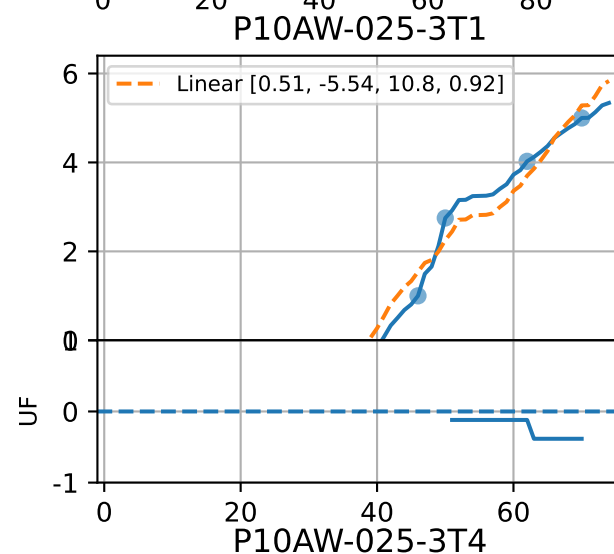
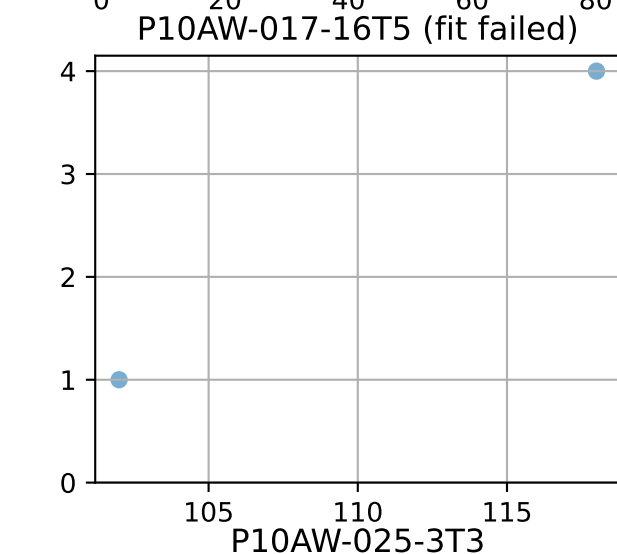
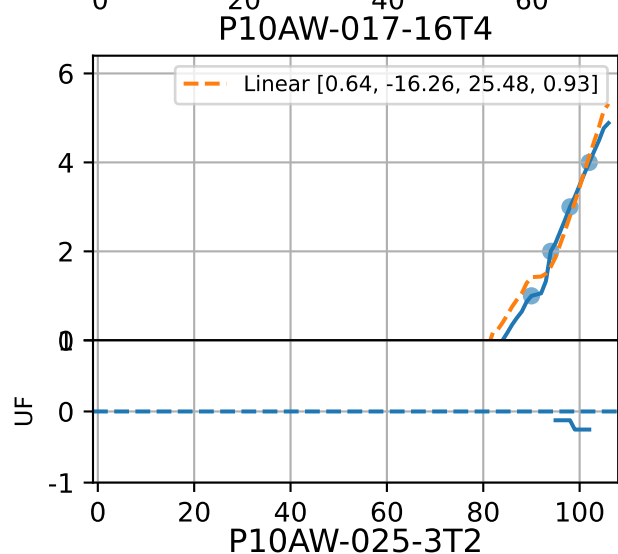
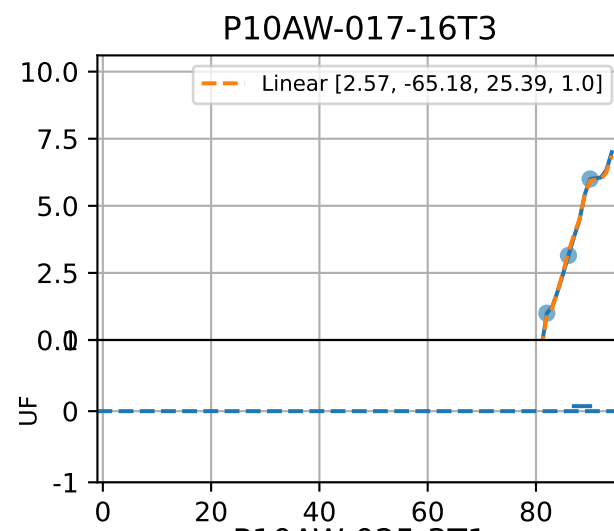
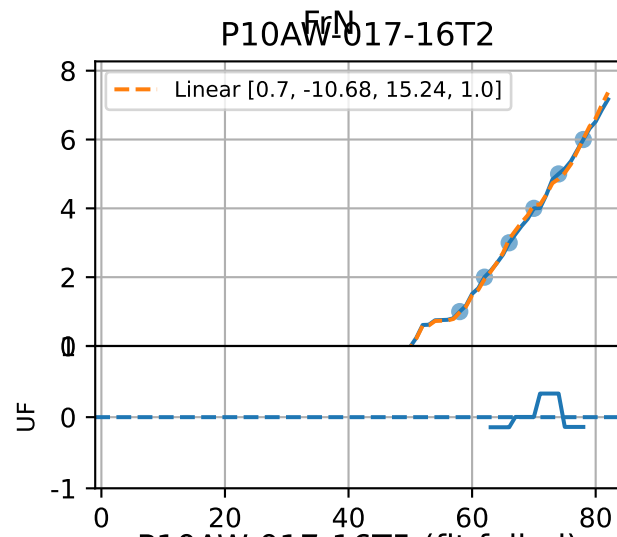
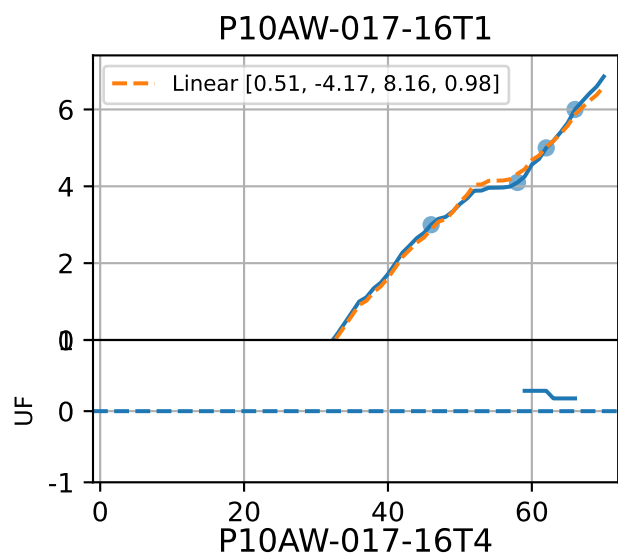
By Start Date



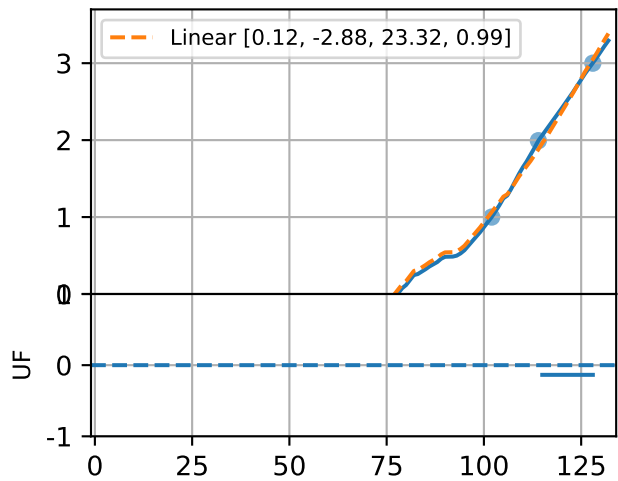
By Plant/Organ Age



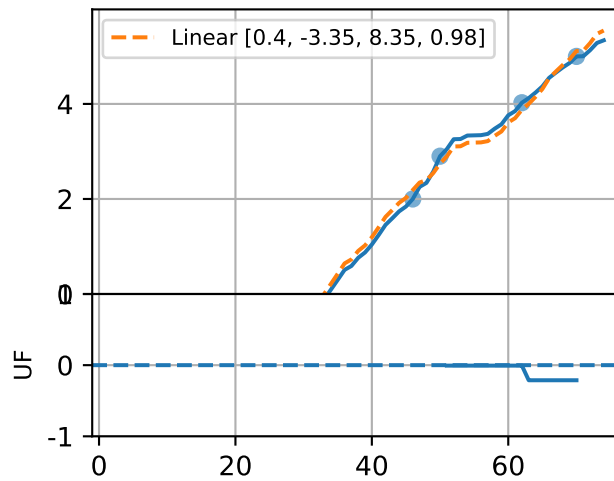




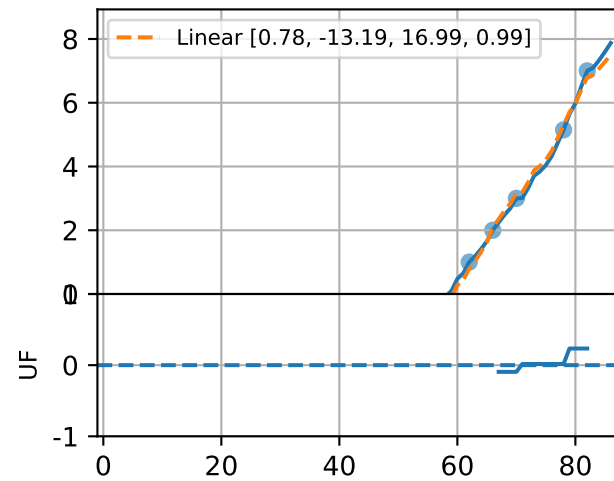
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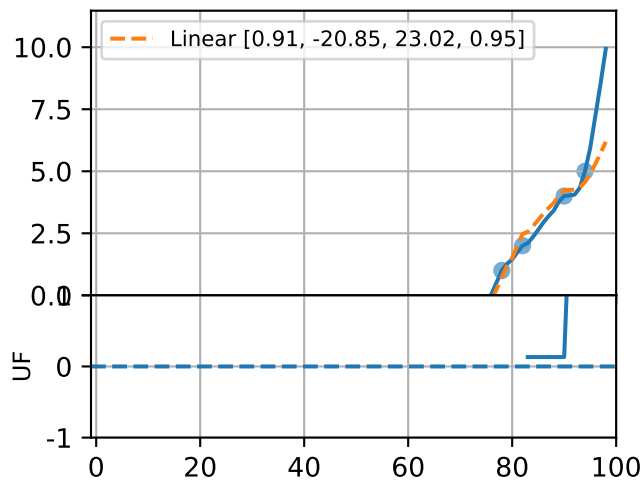
P10AW-032-33T1



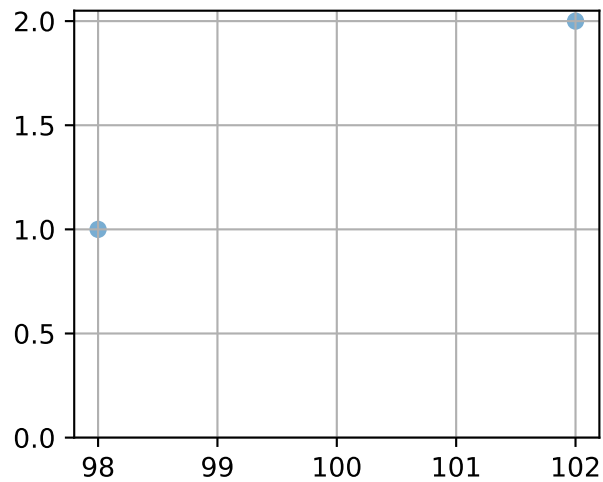
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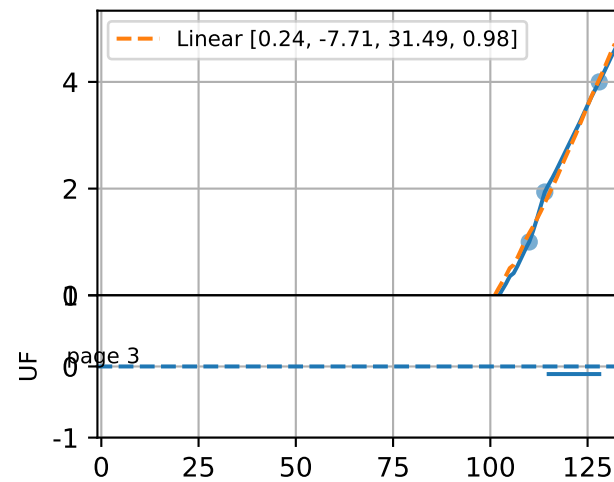
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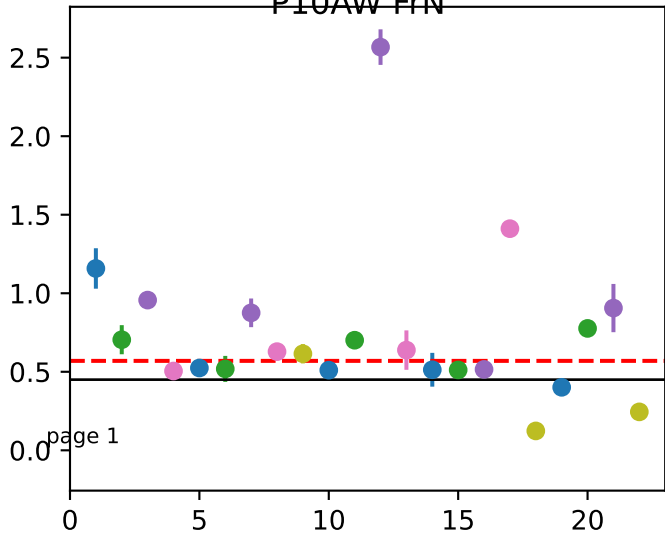


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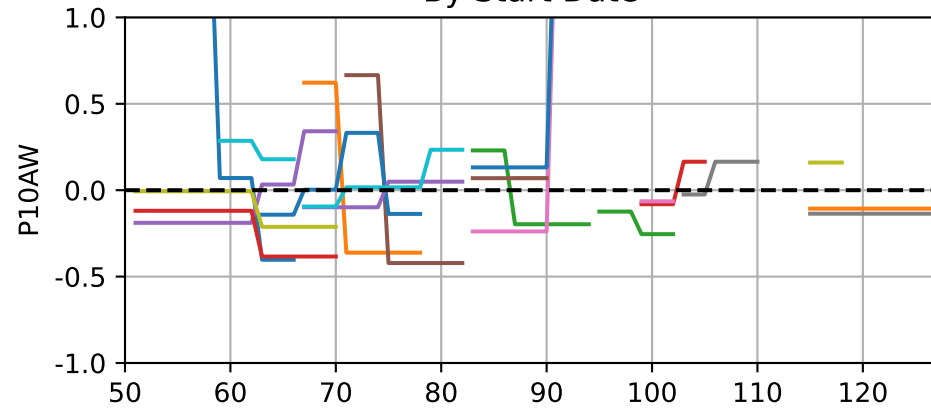
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P10AW FrN

P10AW

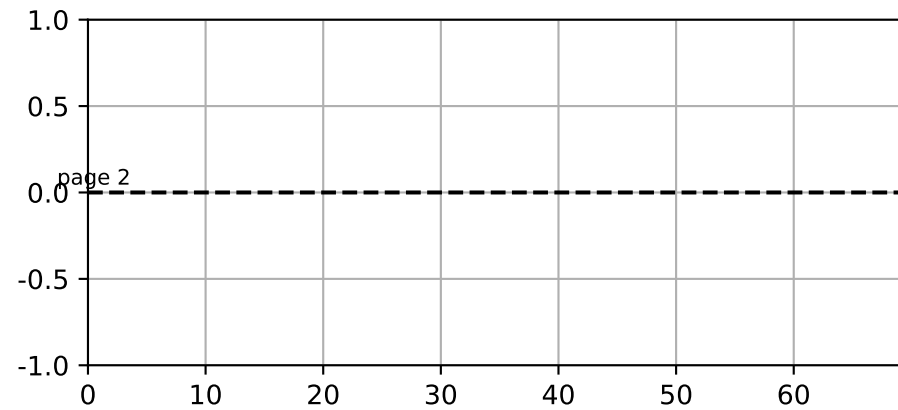
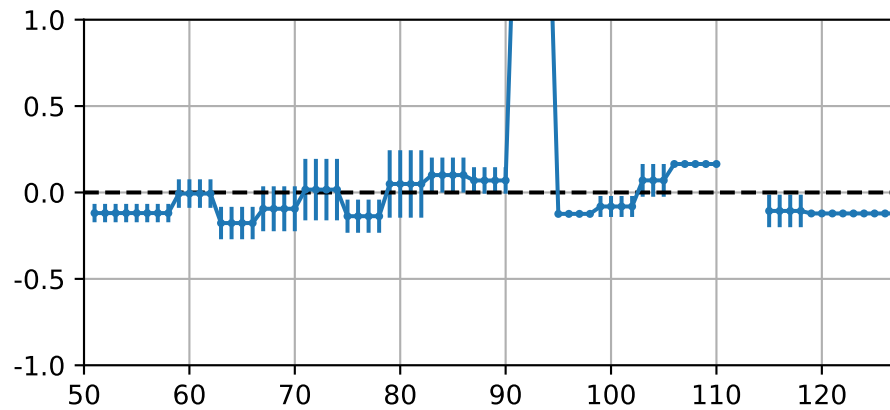
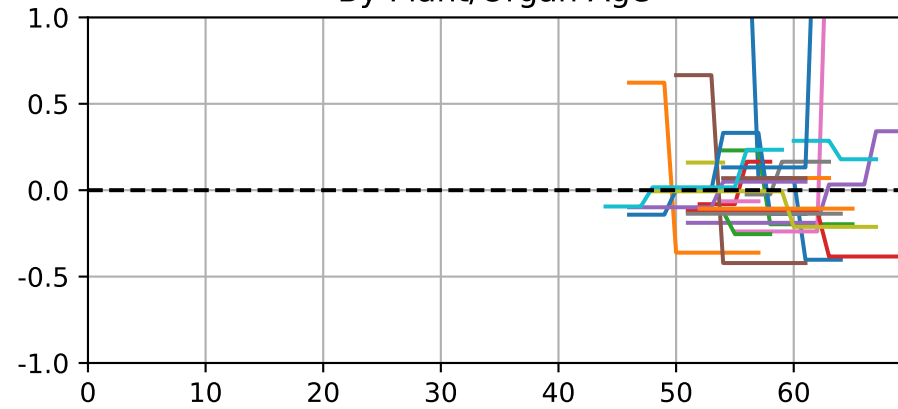


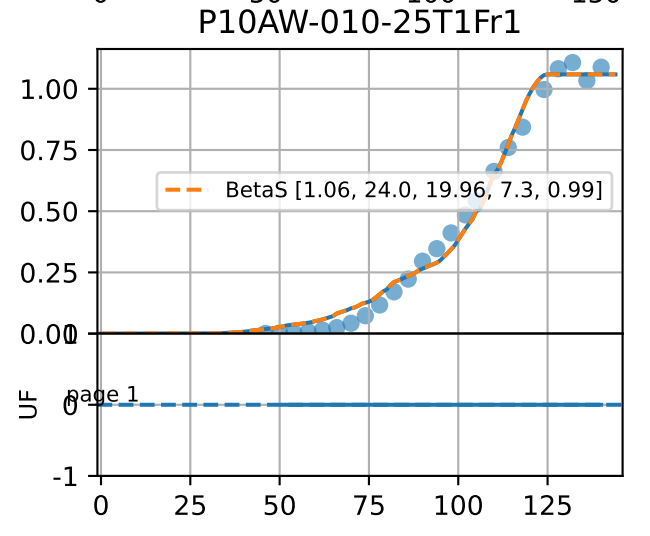
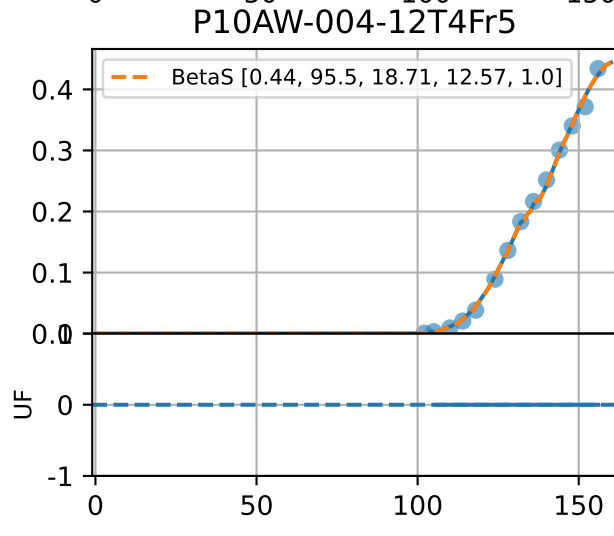
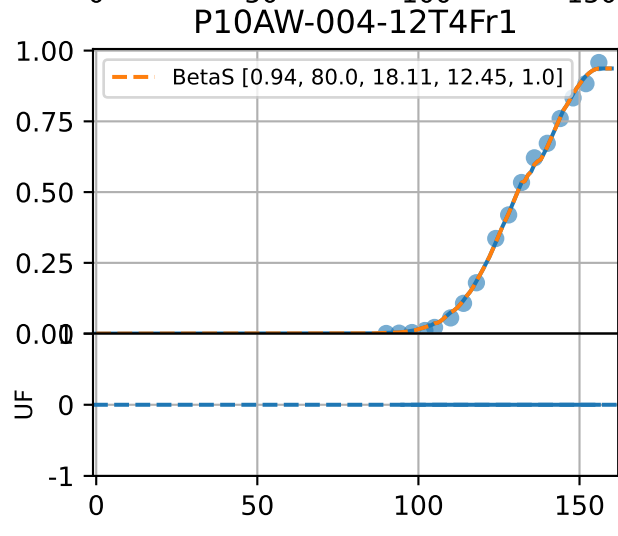
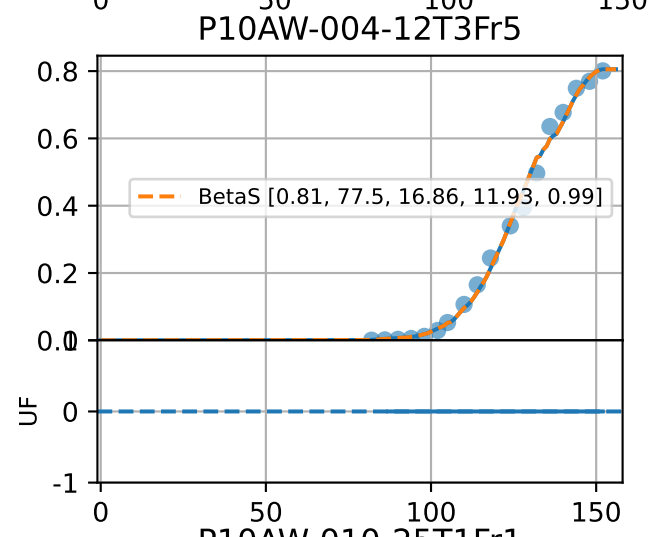
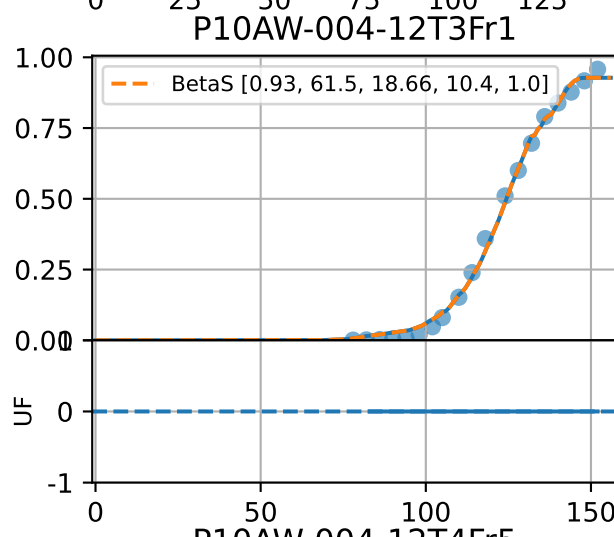
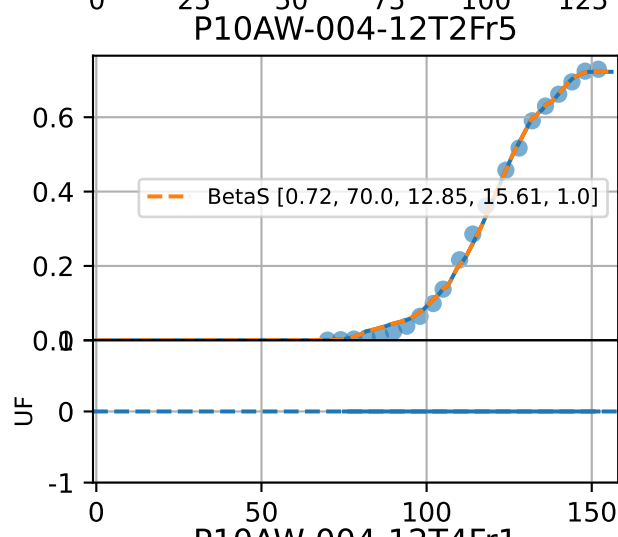
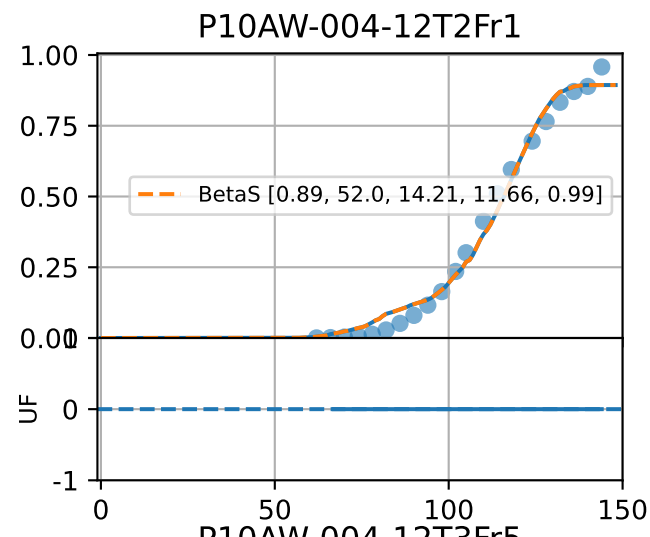
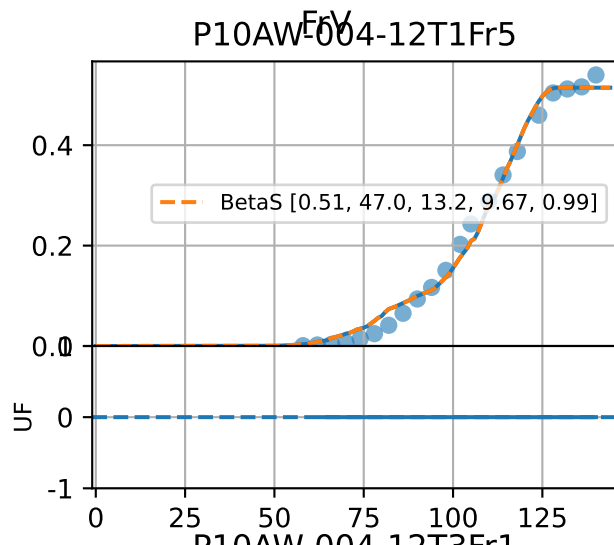
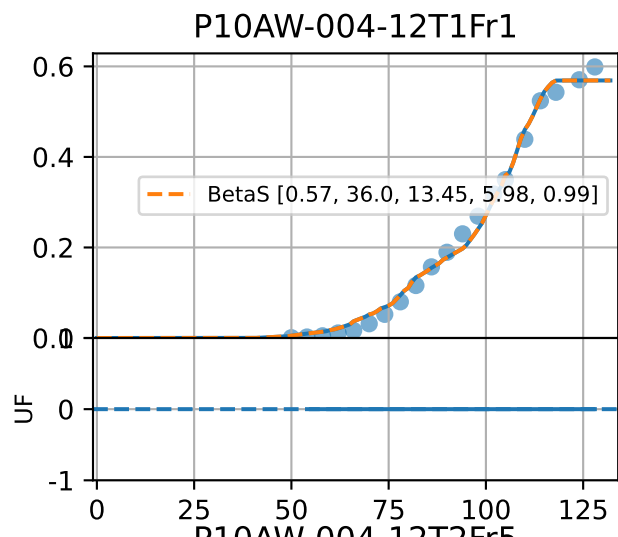
page 1

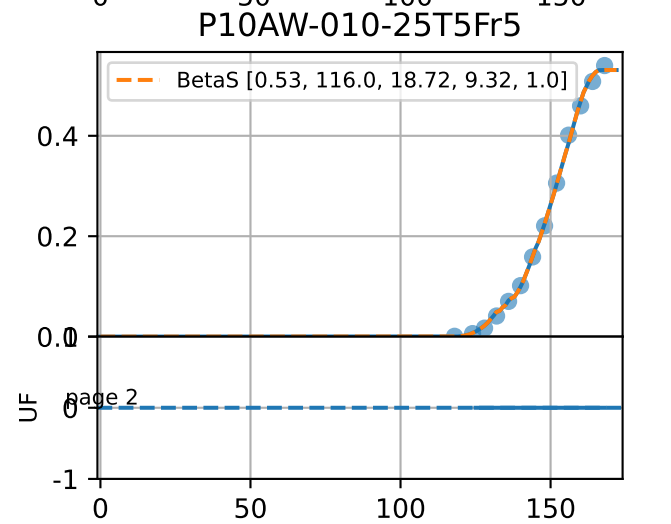
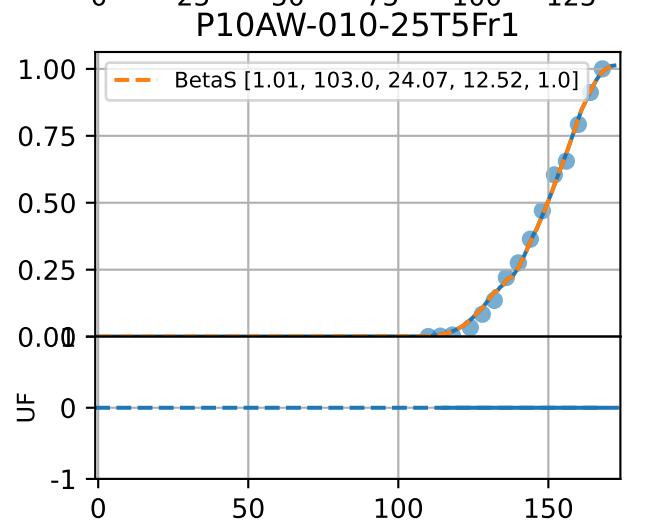
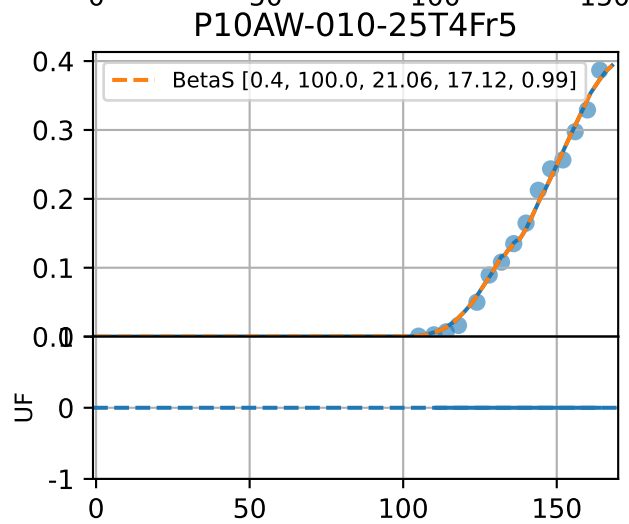
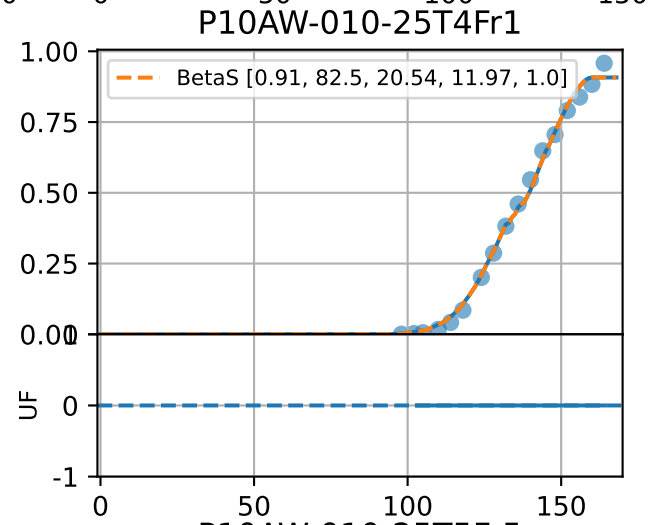
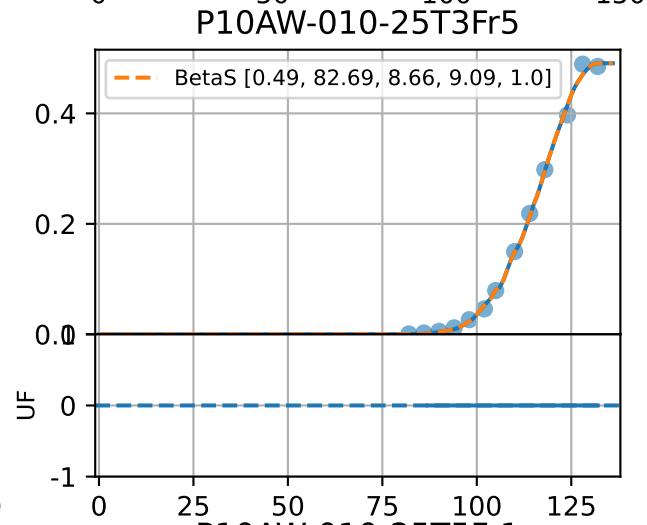
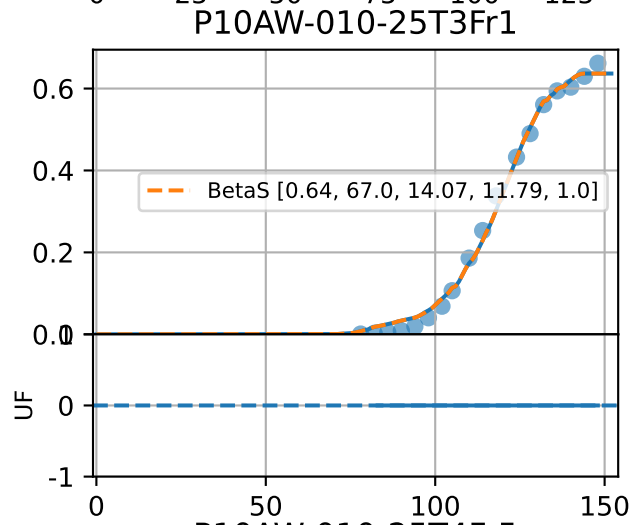
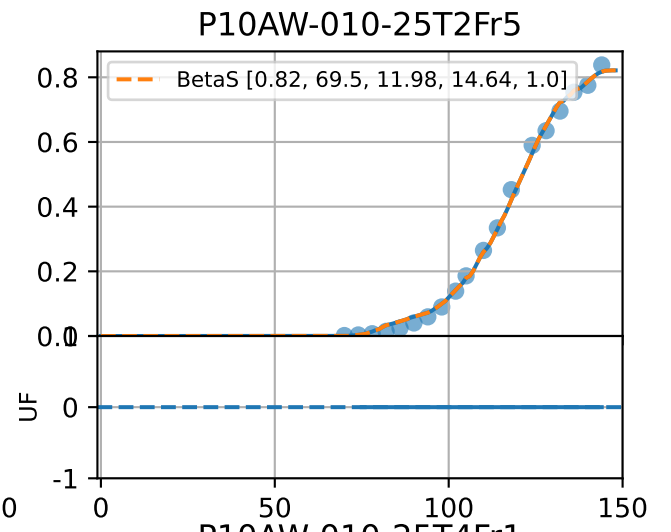
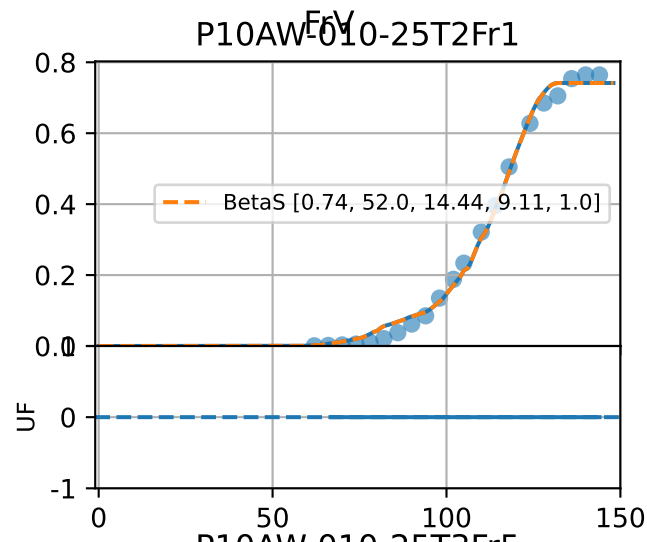
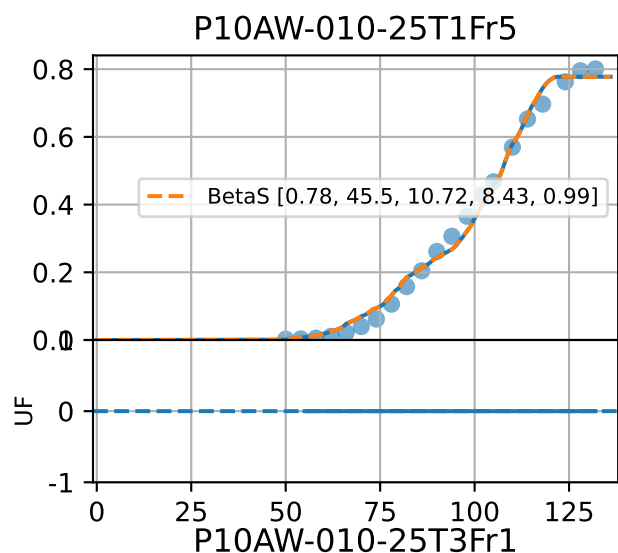
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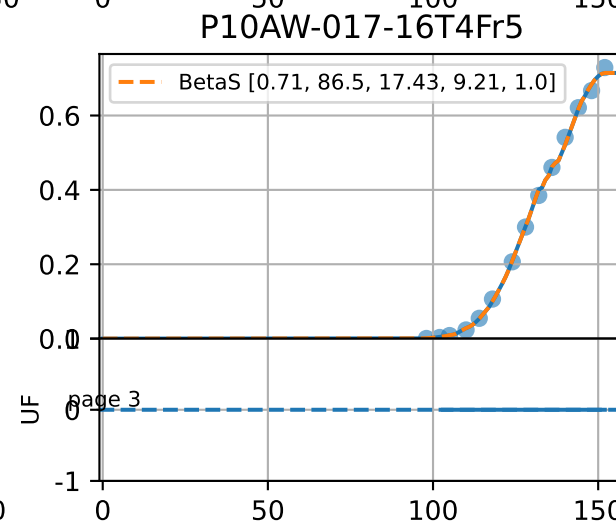
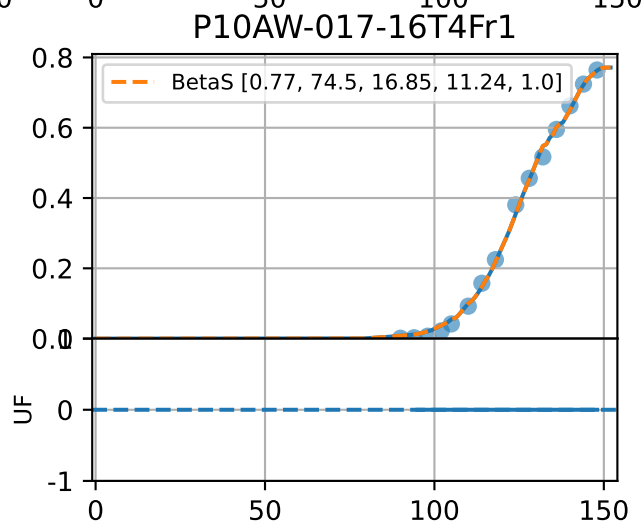
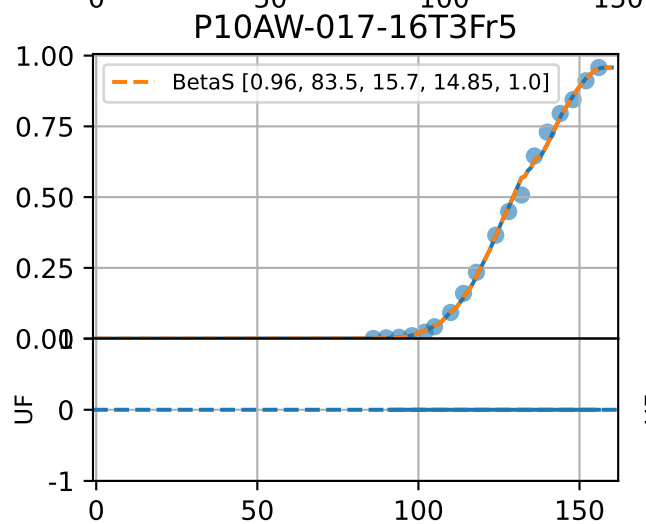
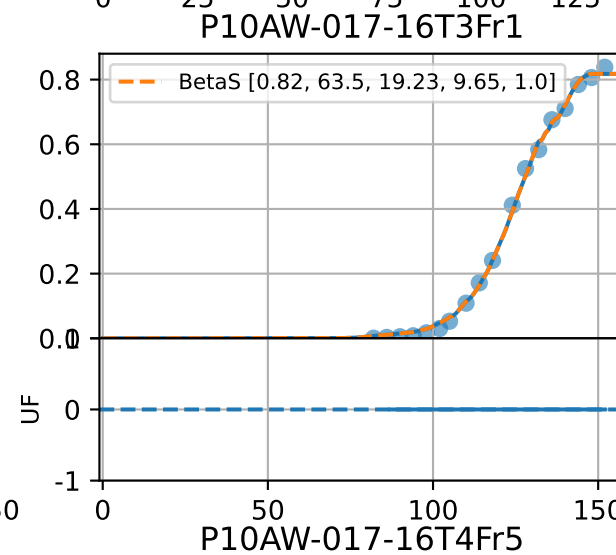
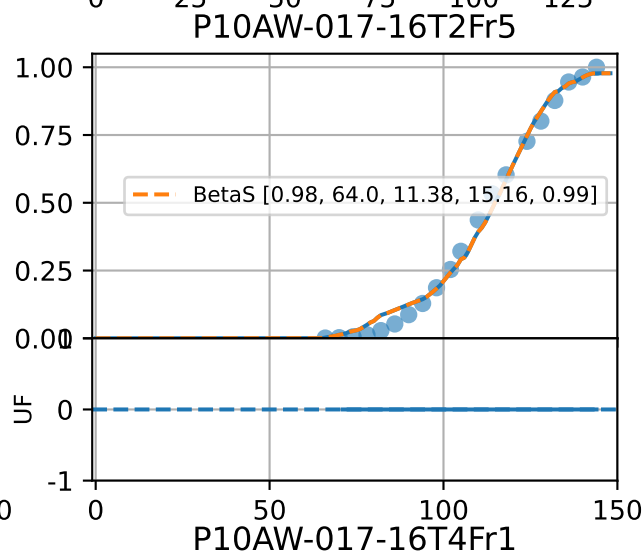
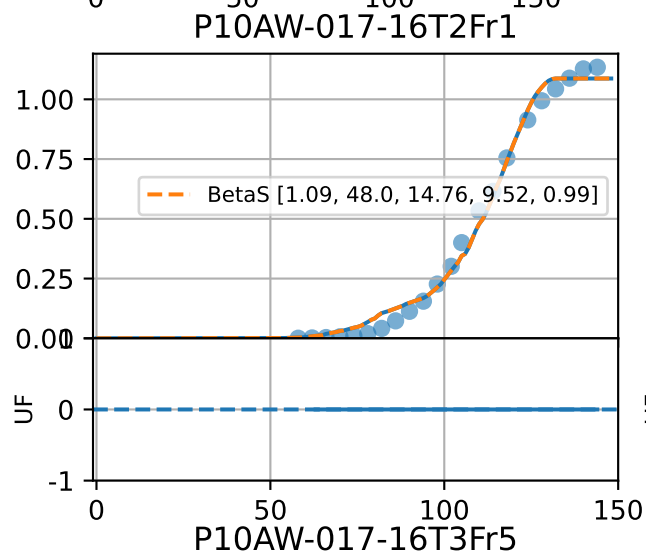
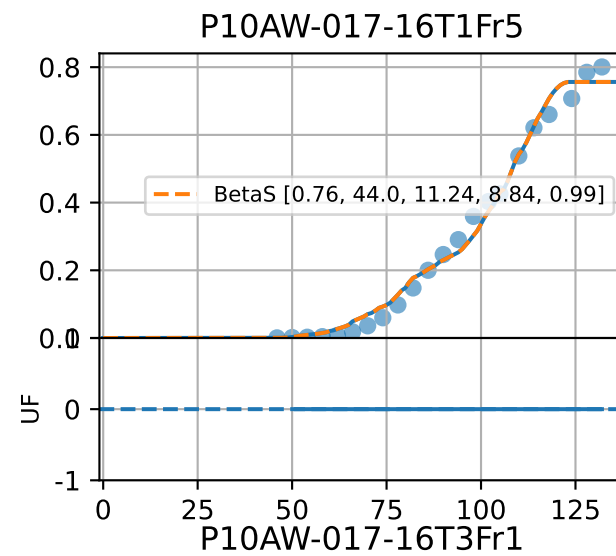
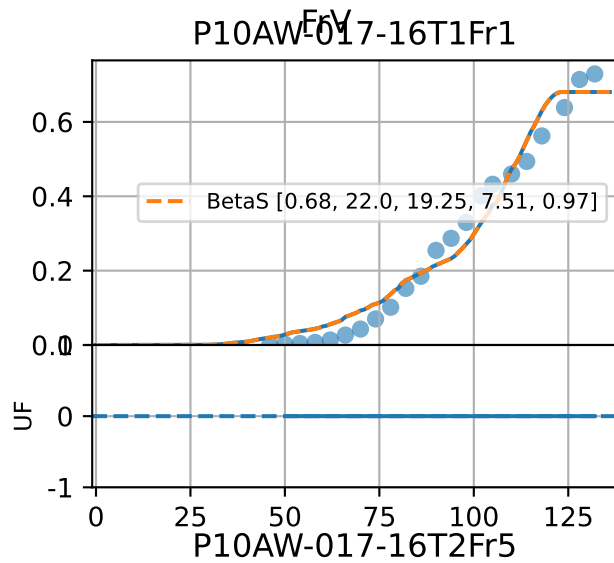
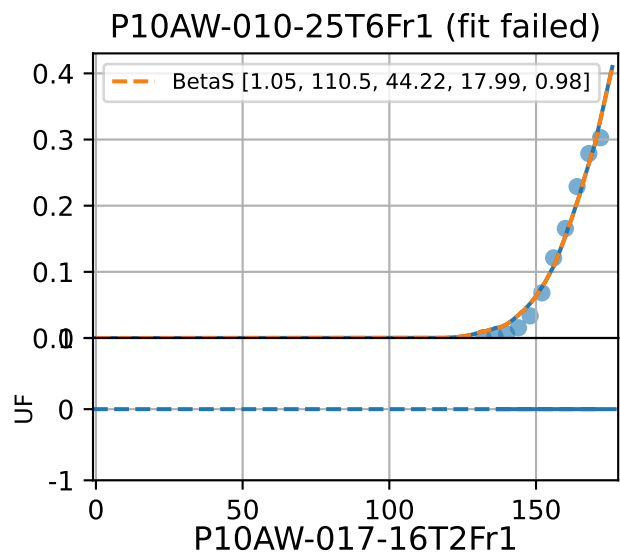


By Plant/Organ Age

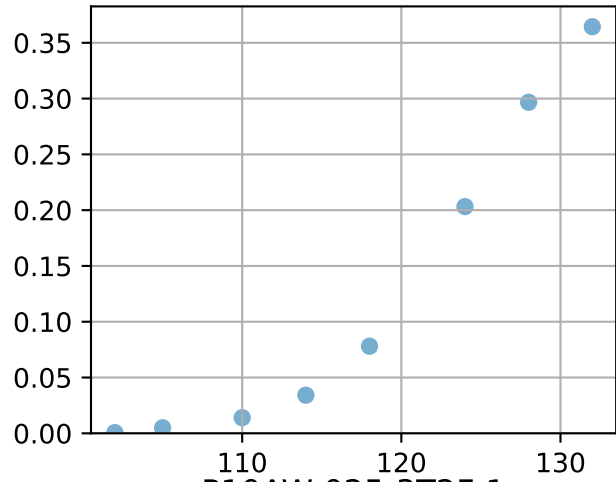




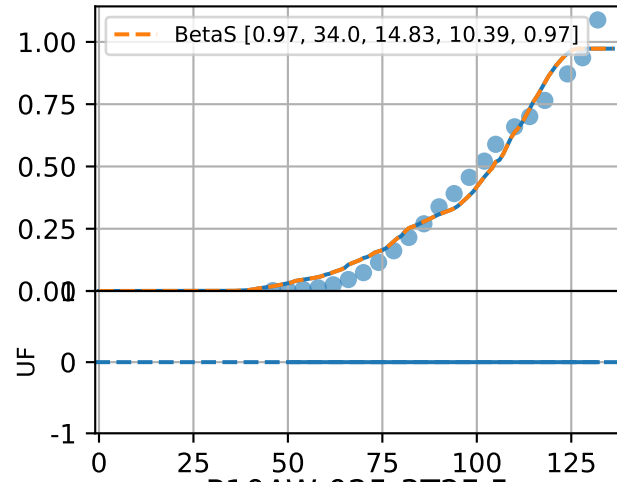




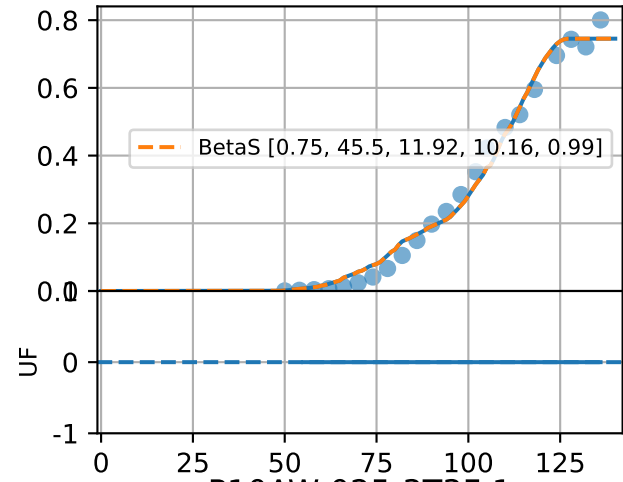
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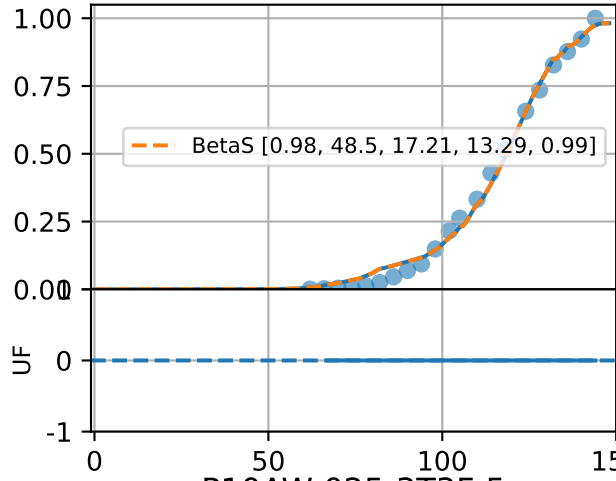
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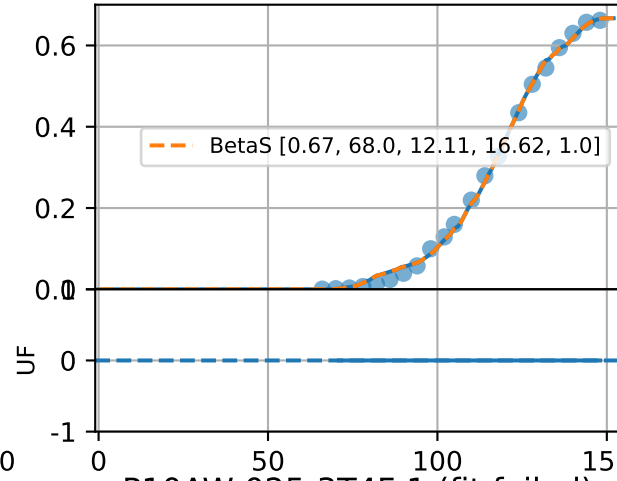
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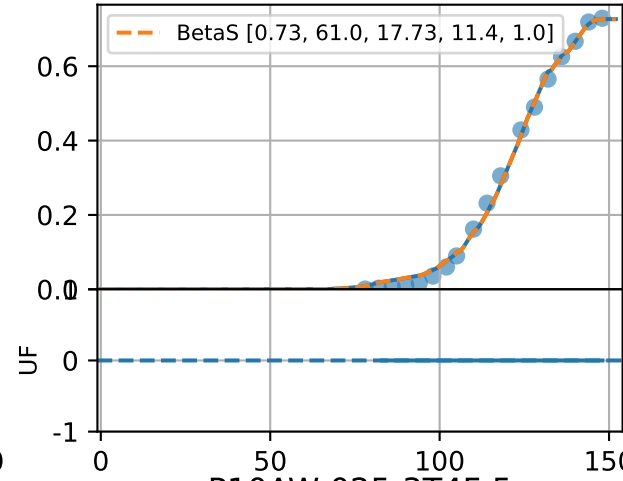
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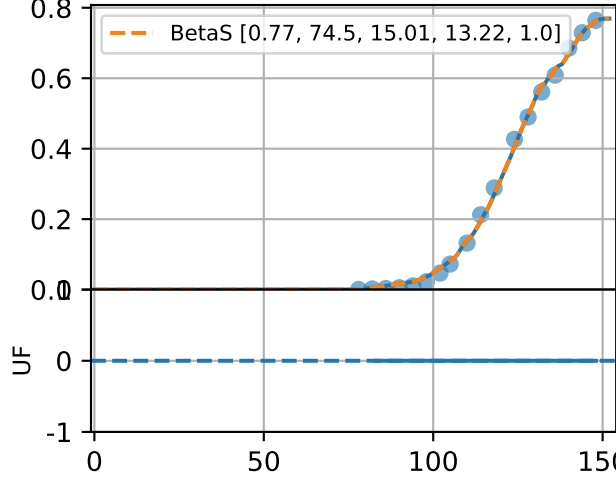
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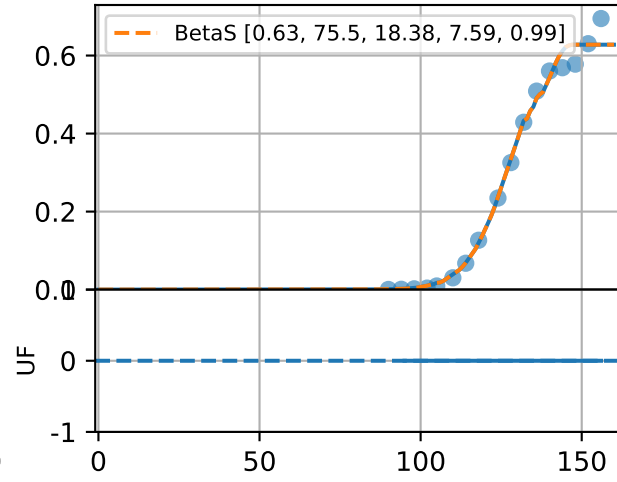
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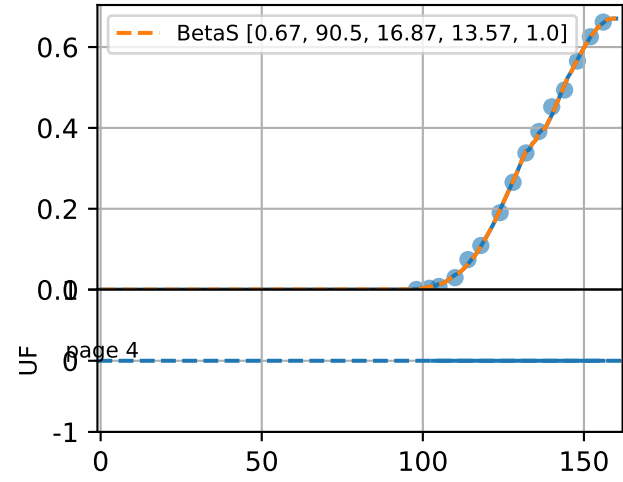
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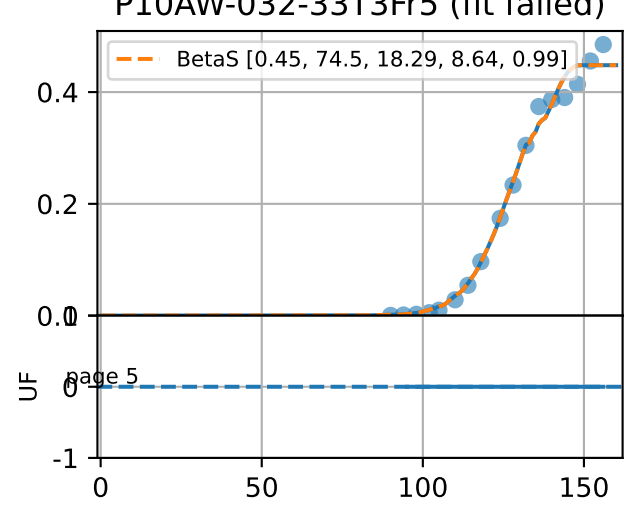
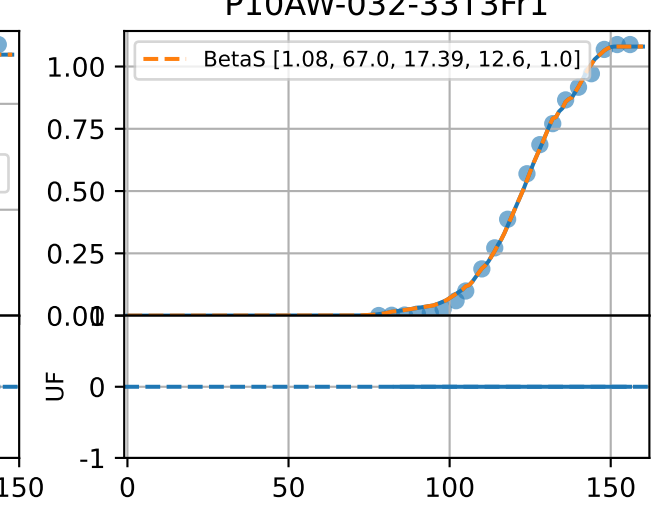
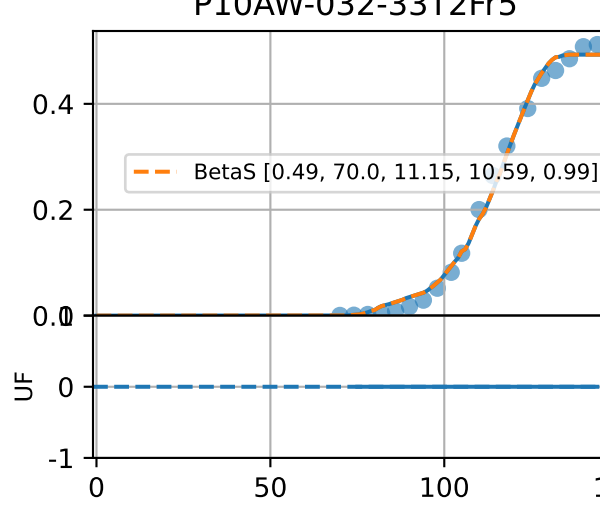
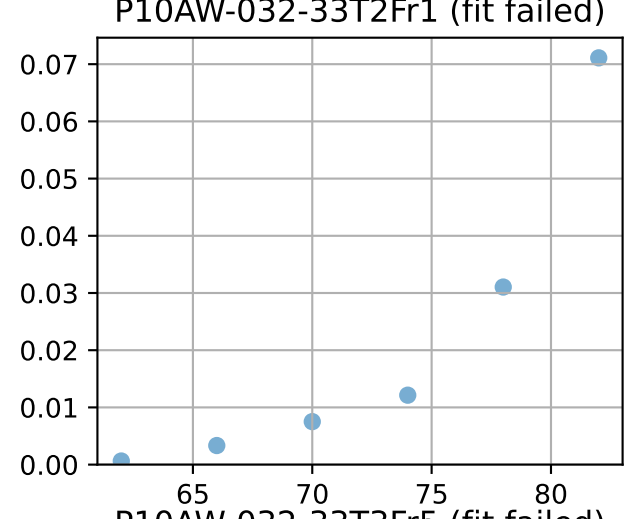
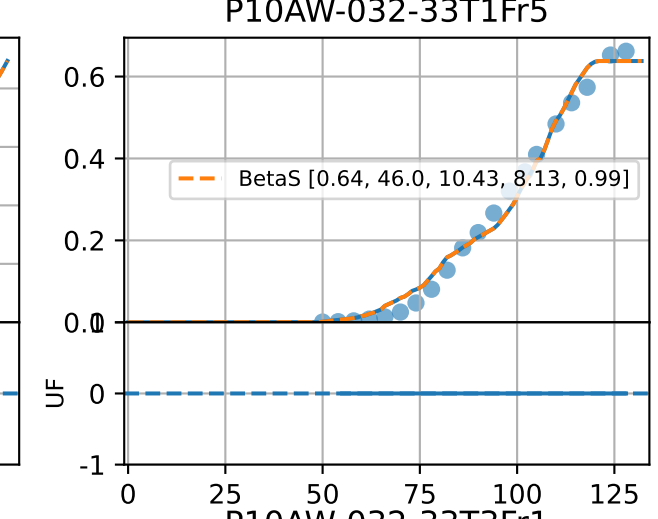
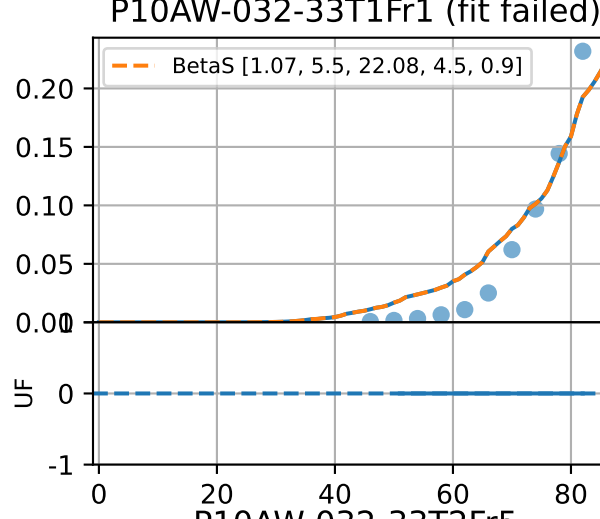
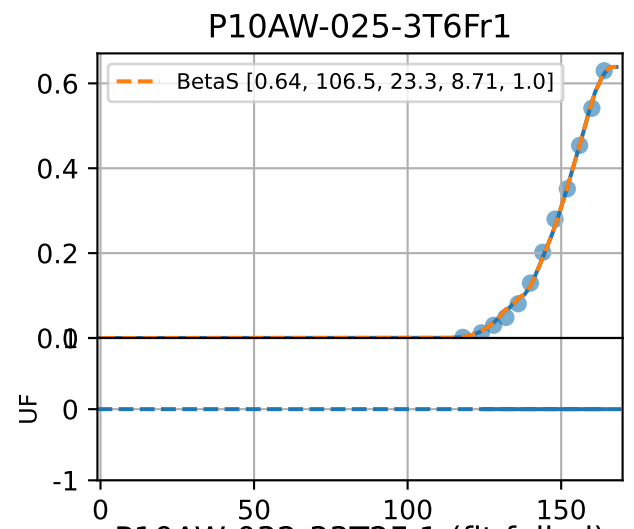
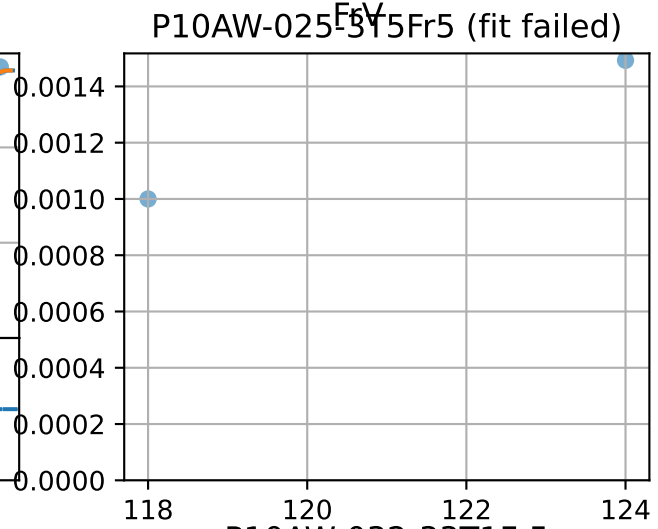
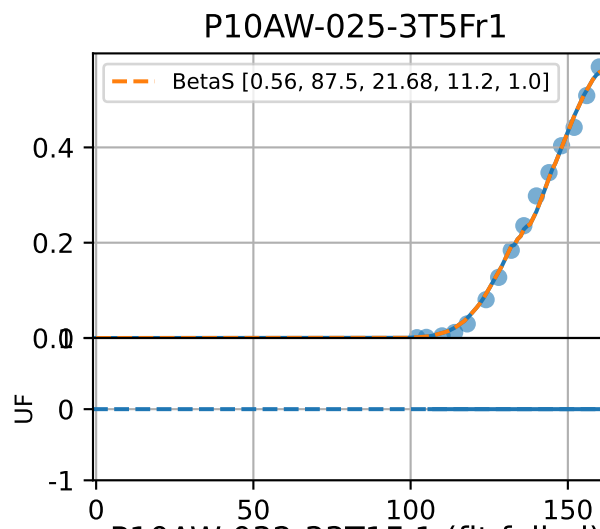


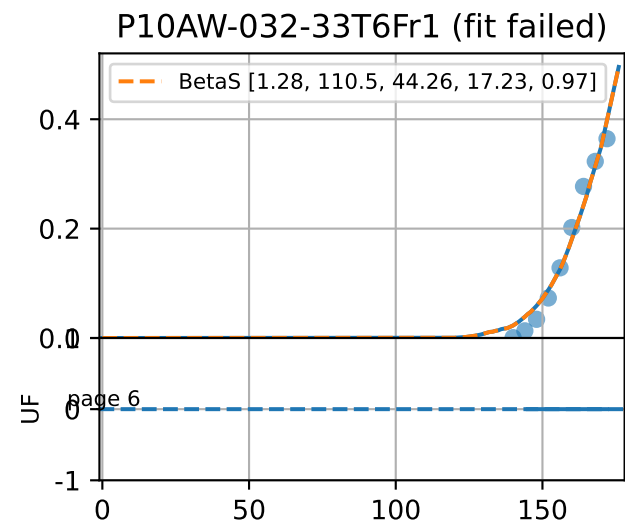
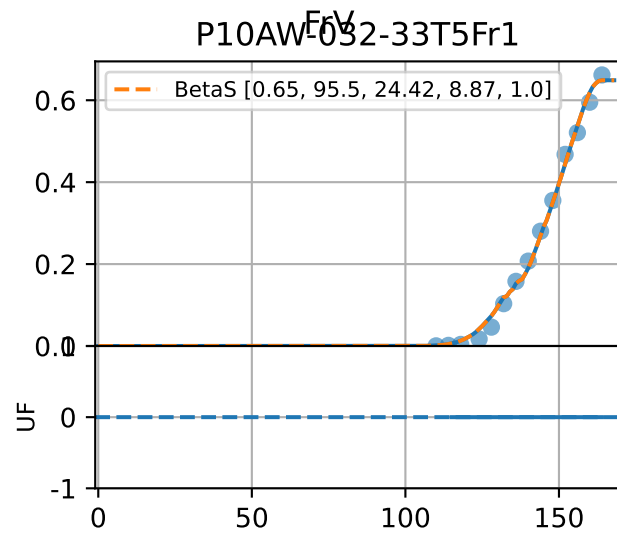
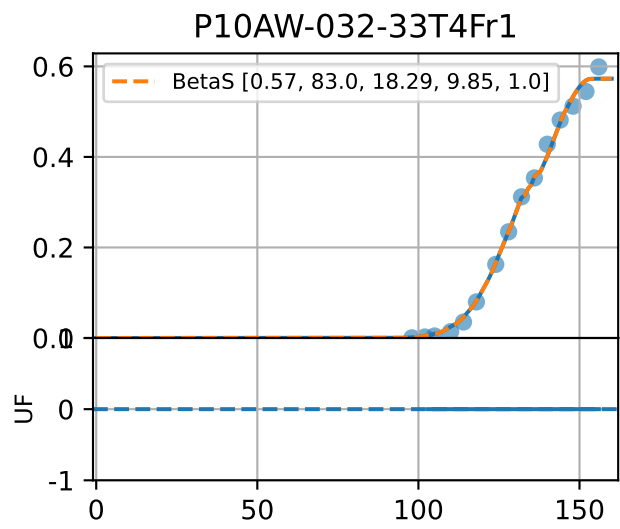
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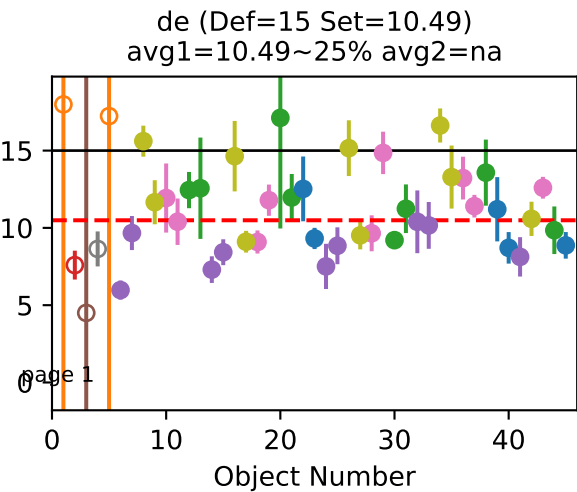
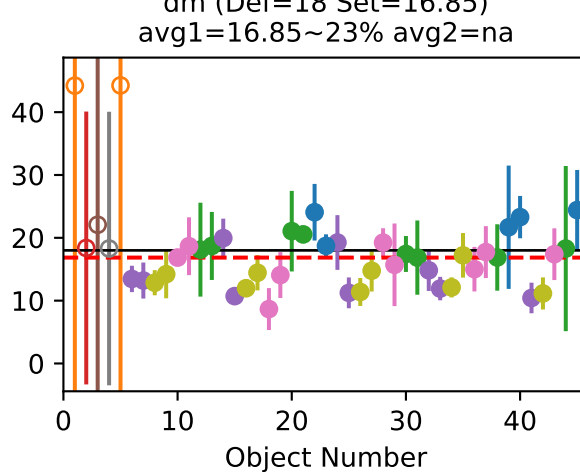
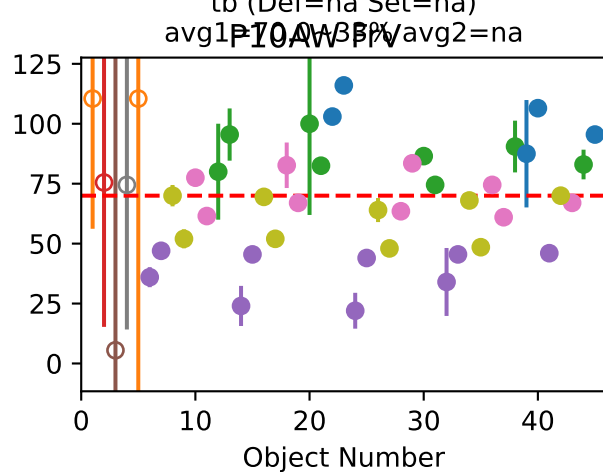
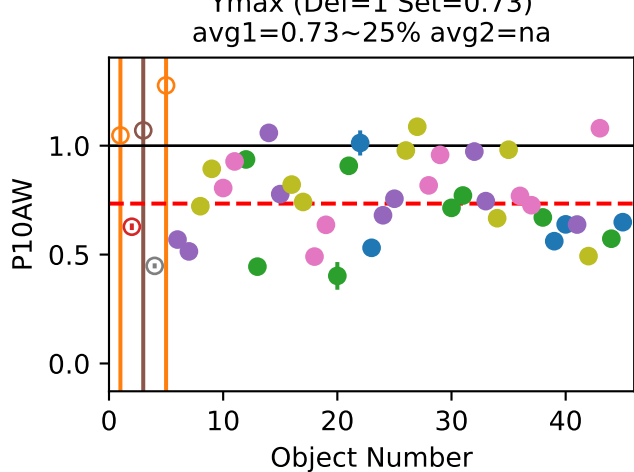


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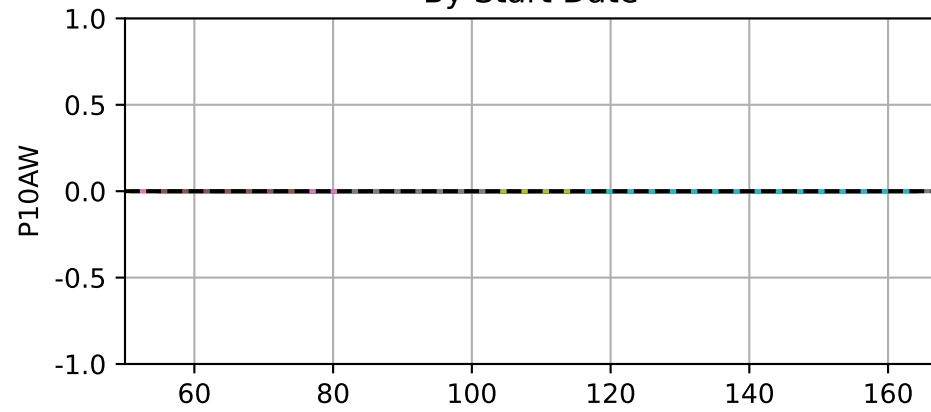




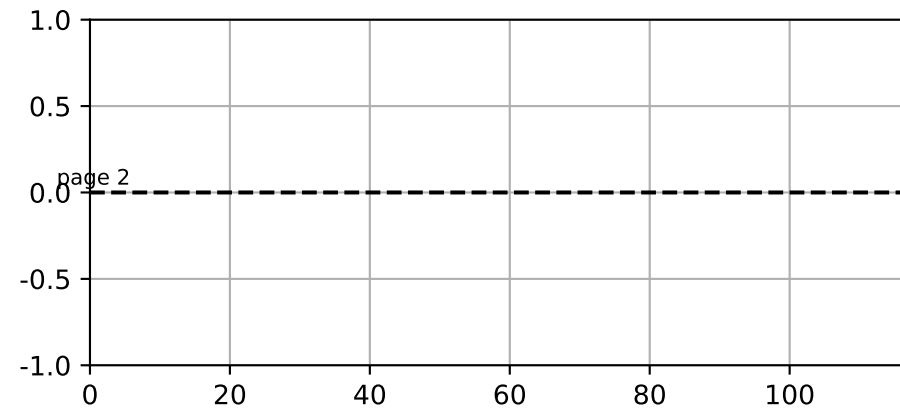
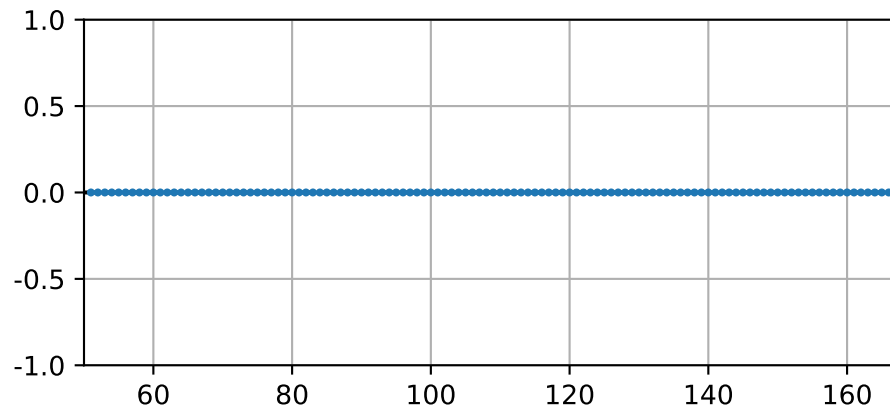
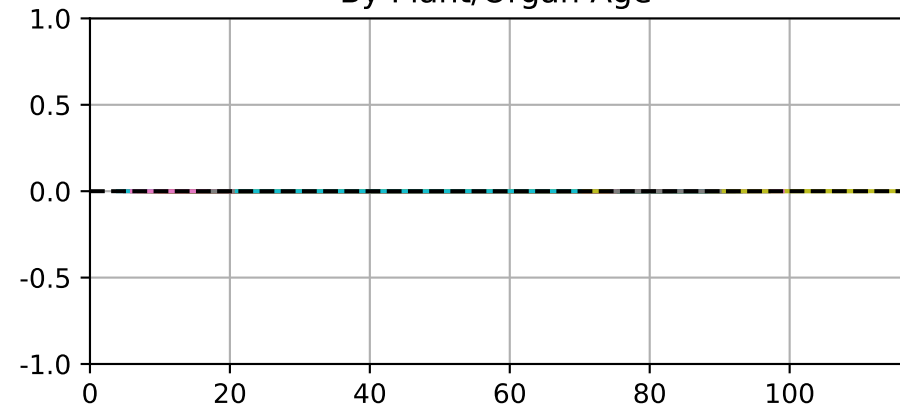


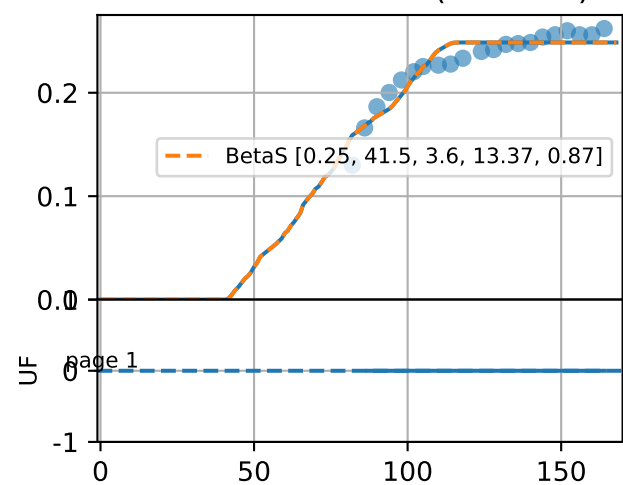
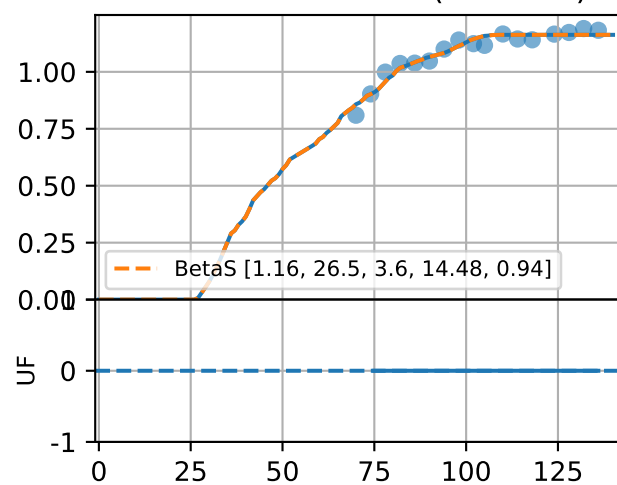
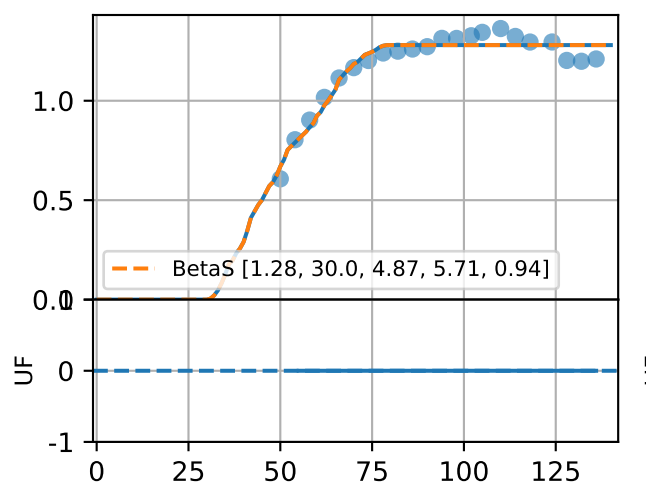
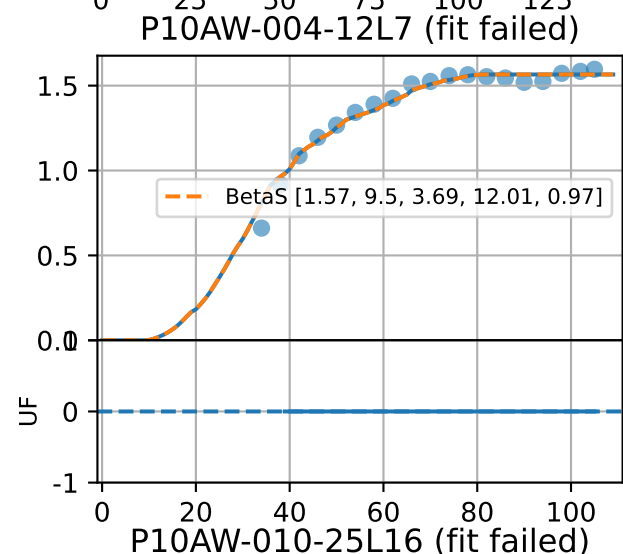
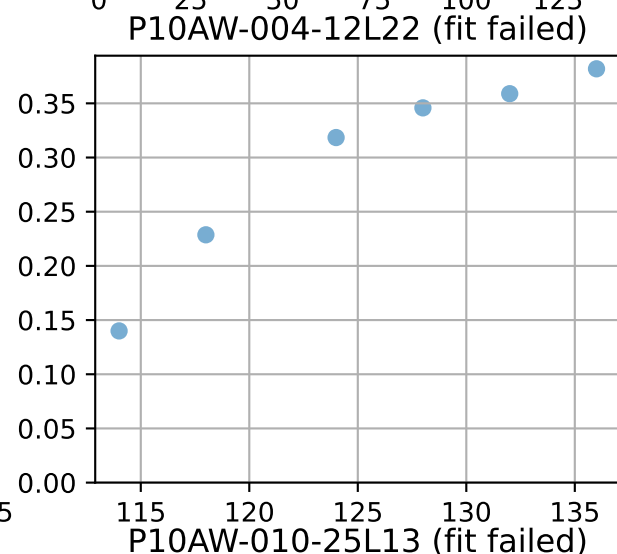
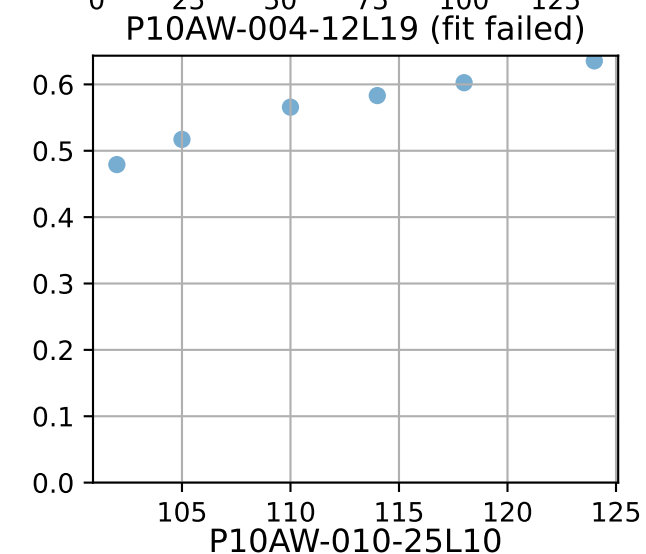
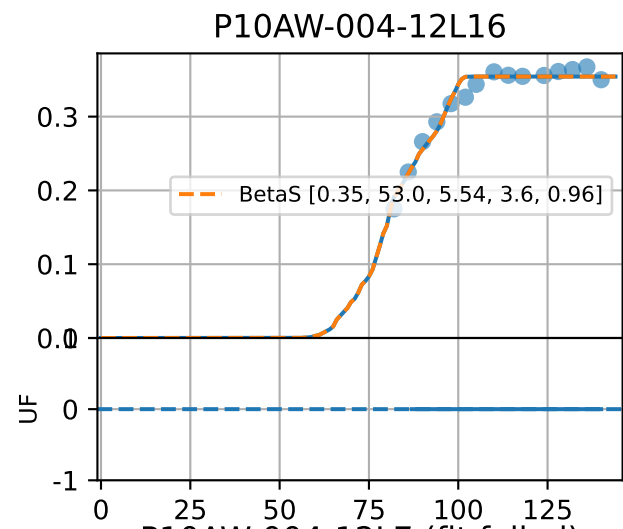
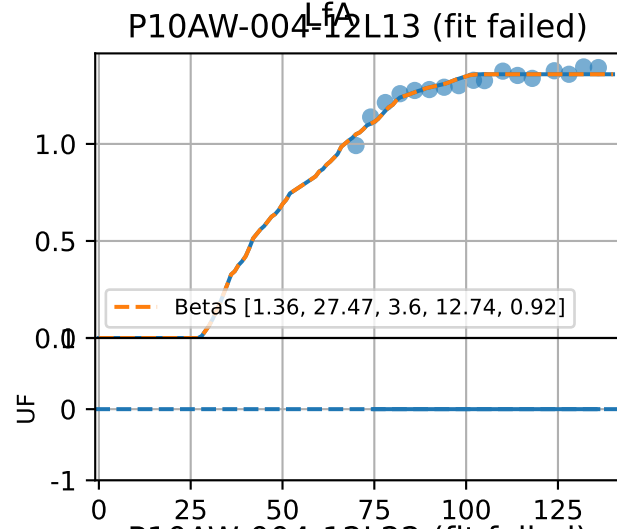
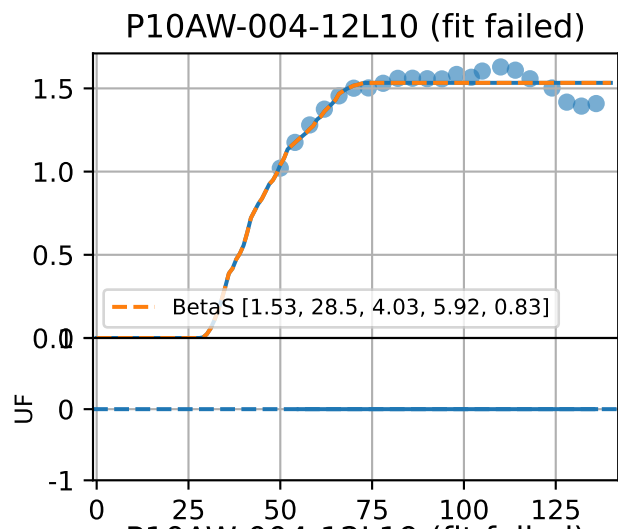


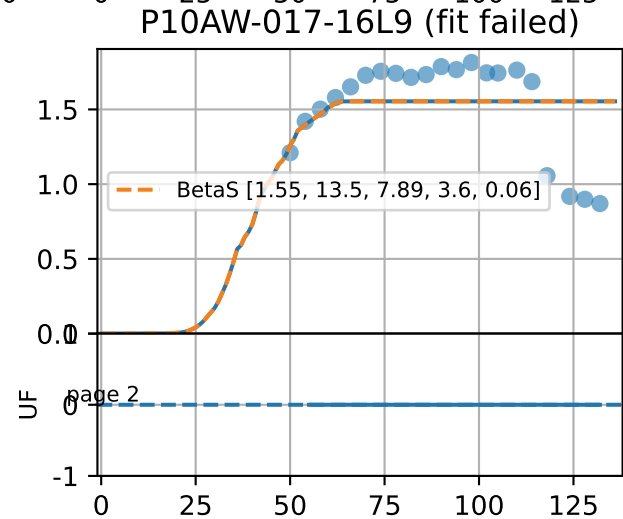
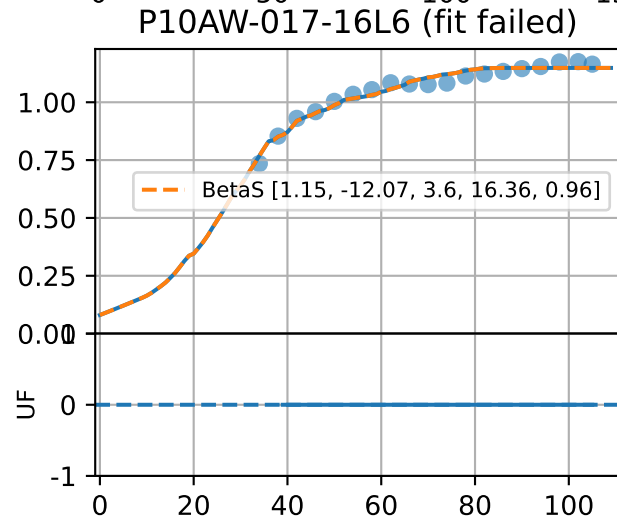
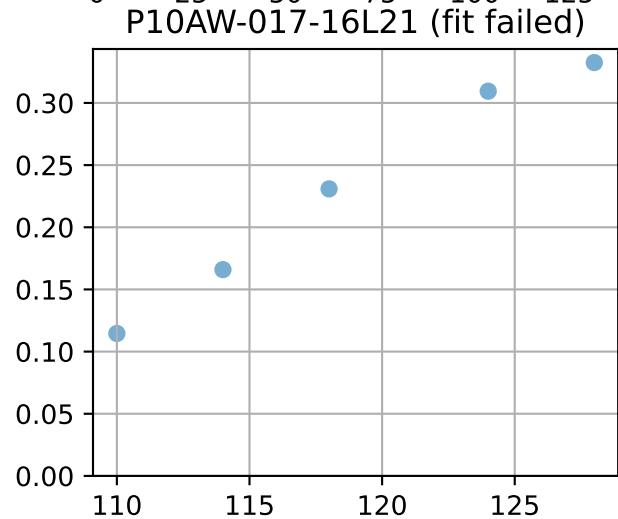
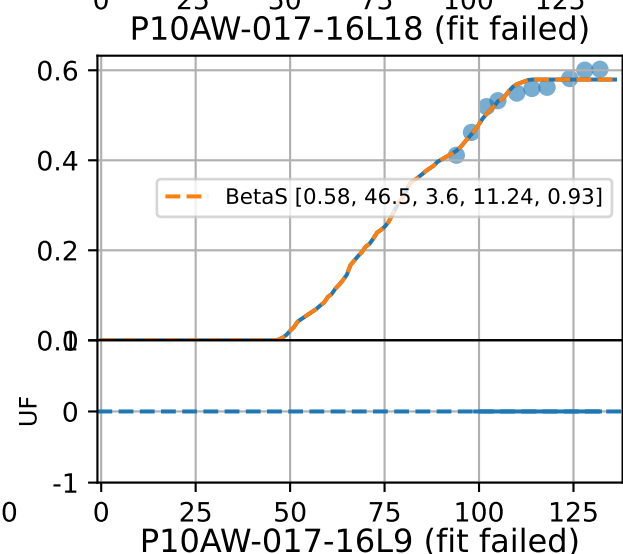
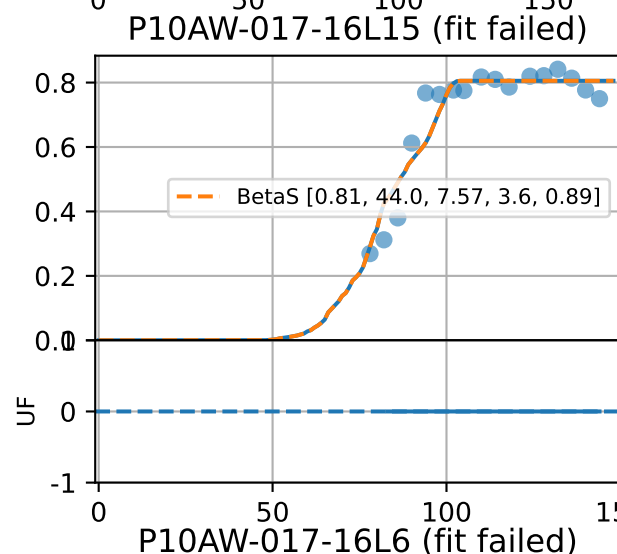
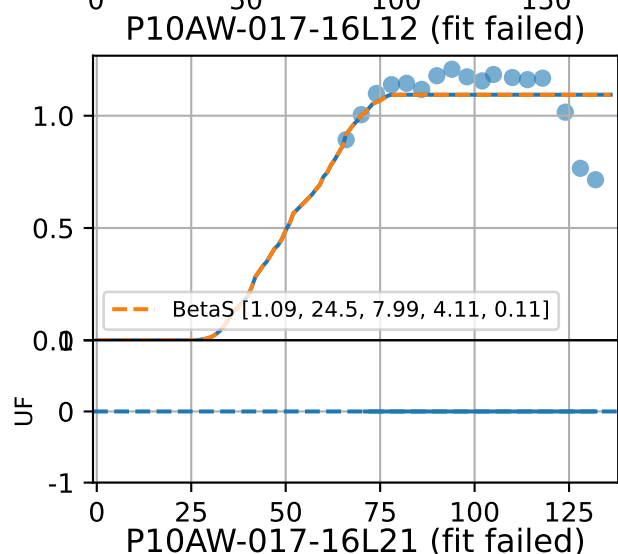
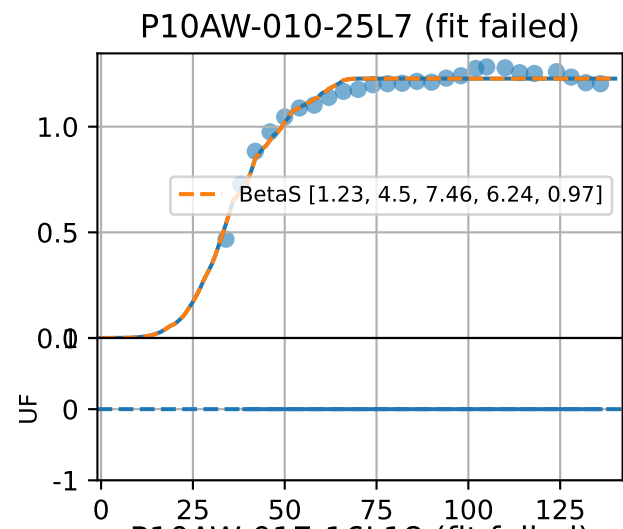
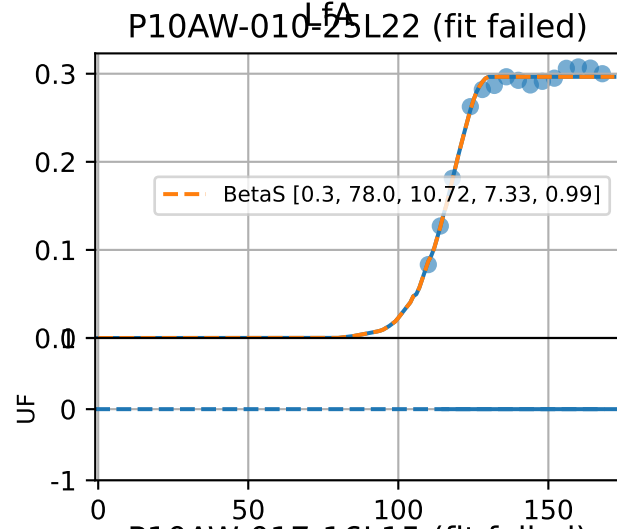
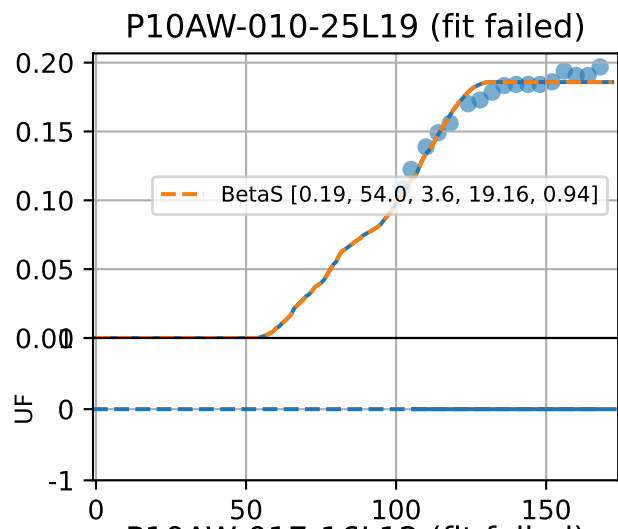
By Start Date

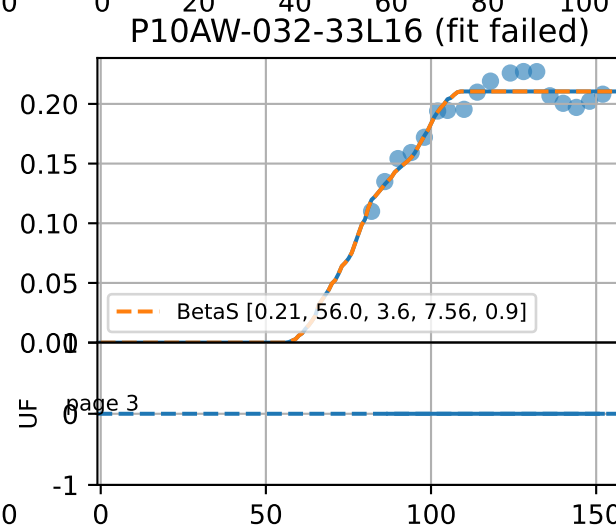
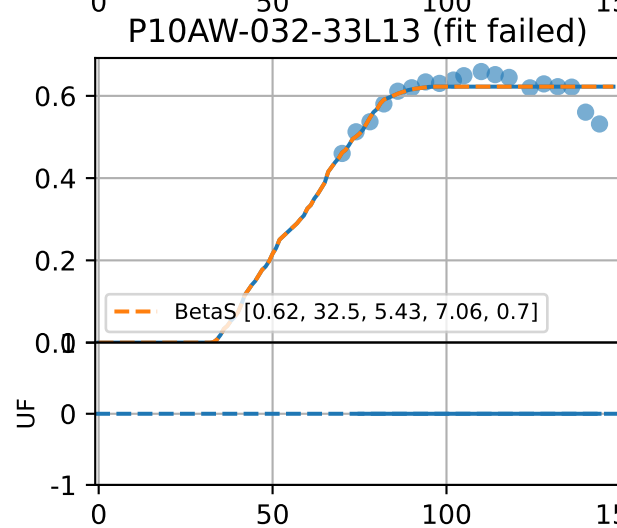
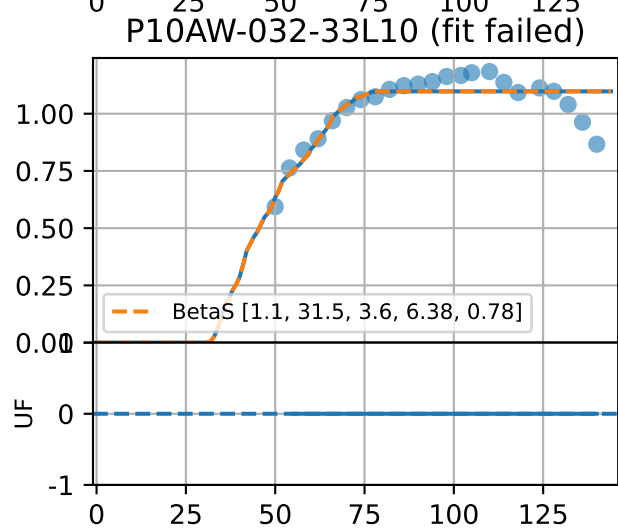
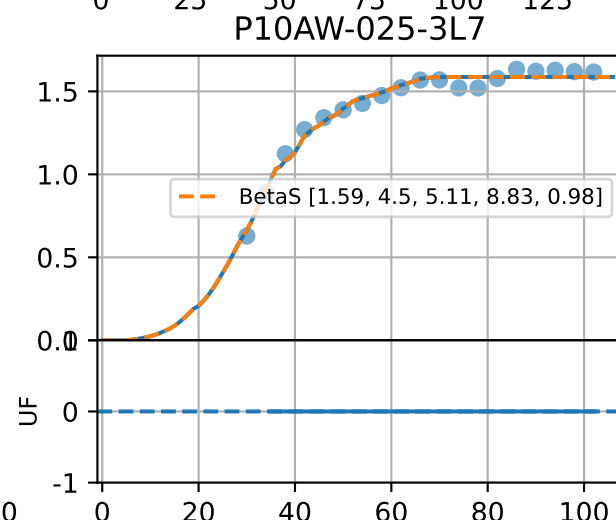
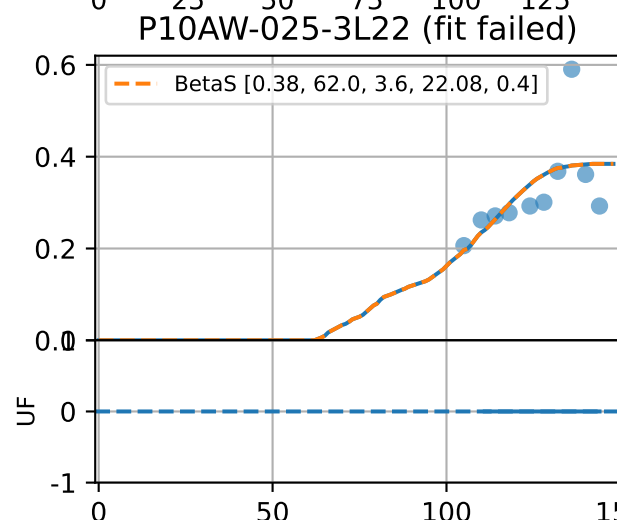
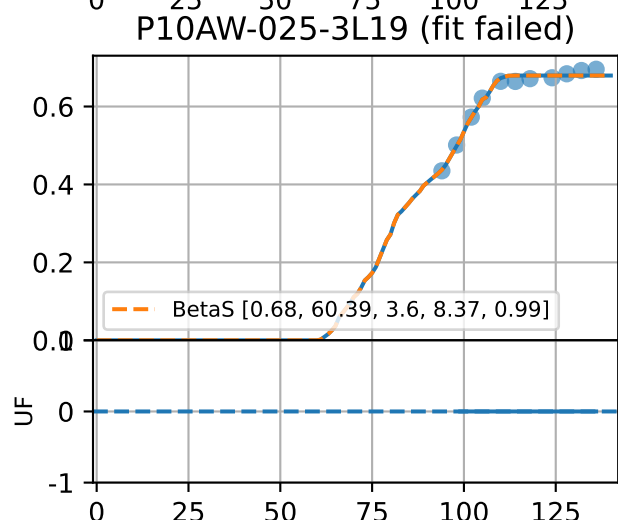
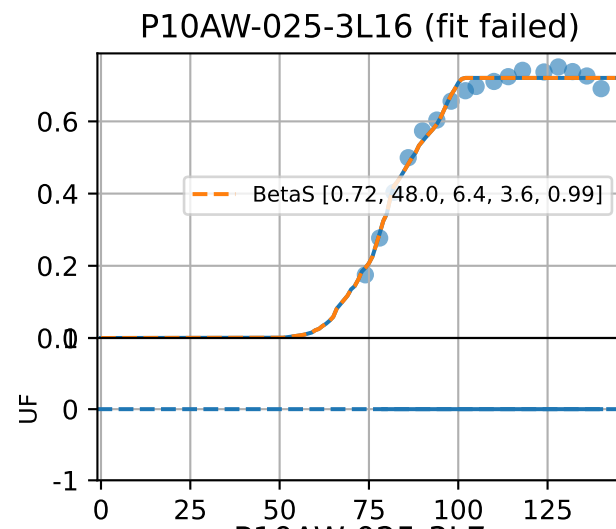
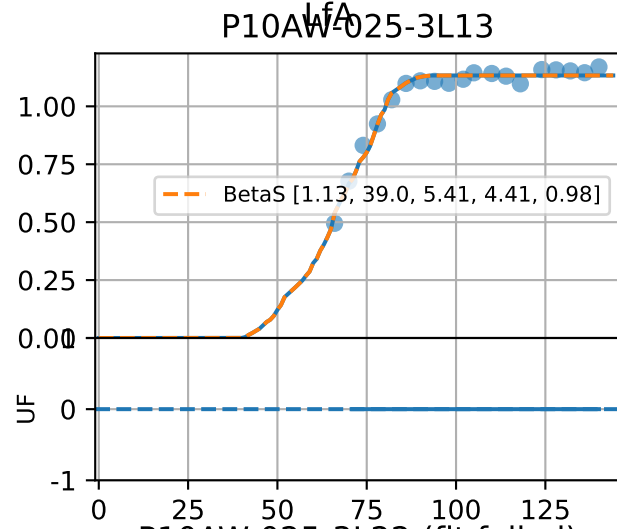
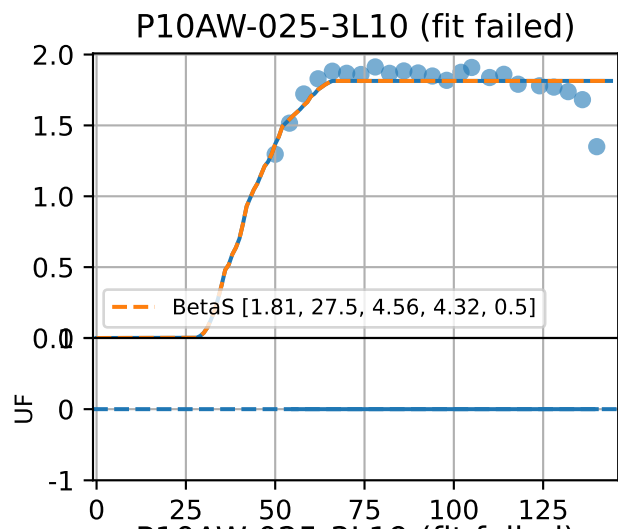


By Plant/Organ Age

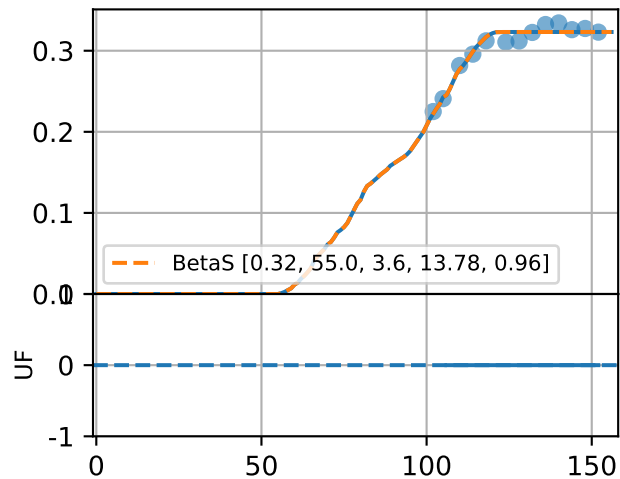




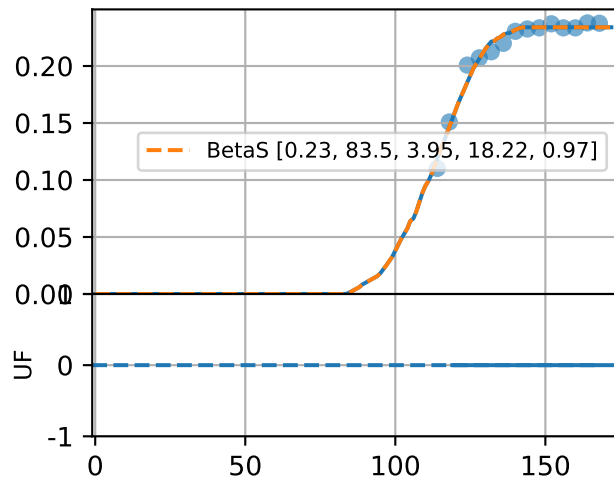




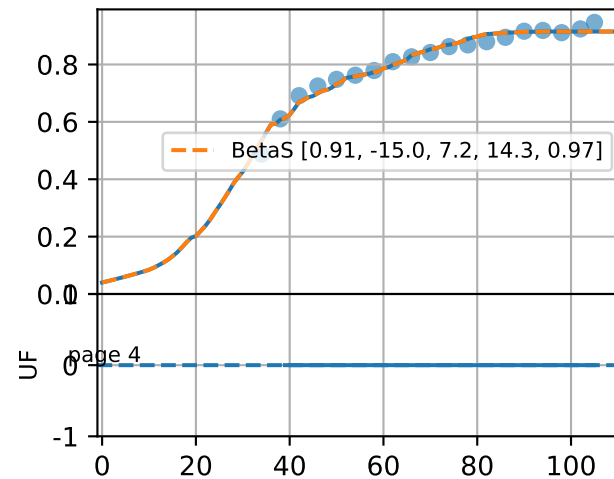
P10AW-032-33L19 (fit failed)



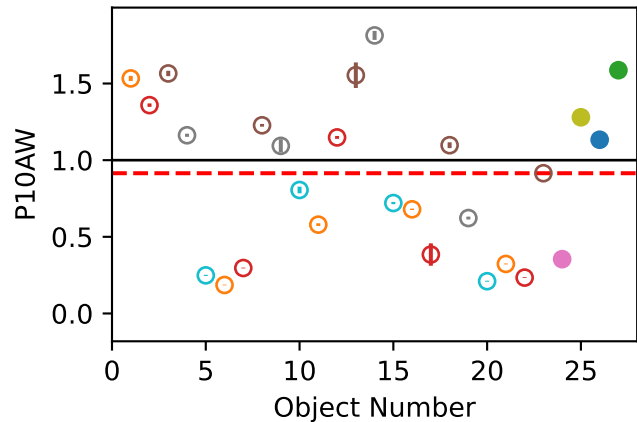
P10AW-032-33L22 (fit failed)



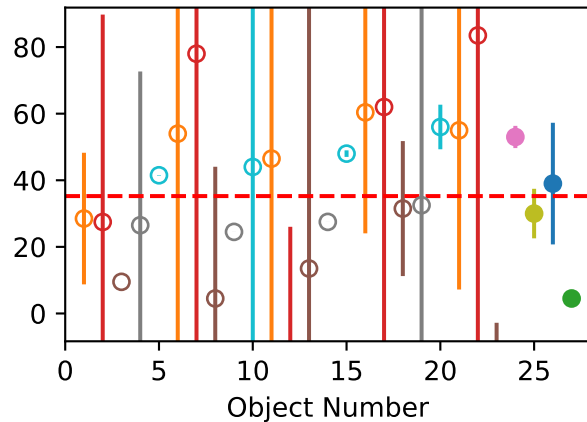
P10AW-032-33L7 (fit failed)



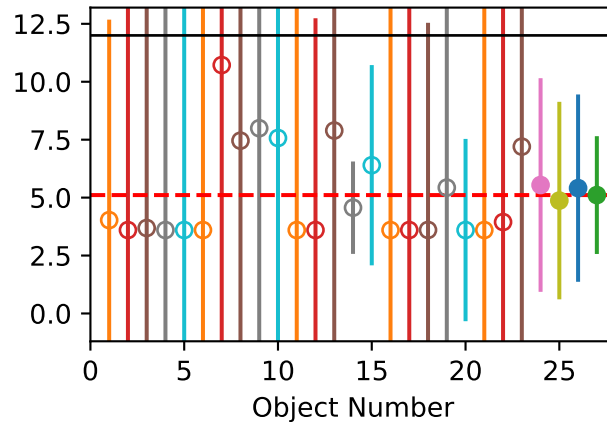
rmax (Def=1 Set=0.91)  
avg1=0.91~55% avg2=na



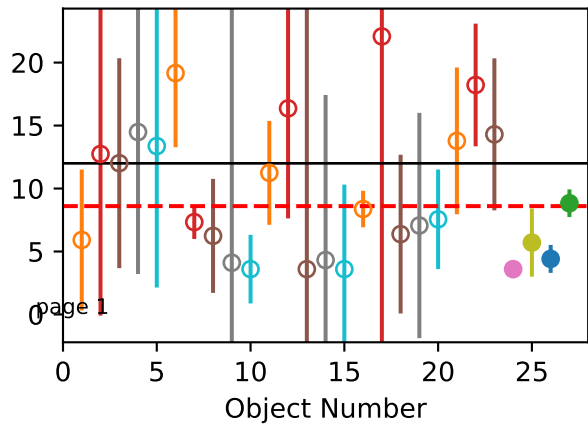
tb (Def=na Set=na)  
avg1=15.25~49% avg2=na



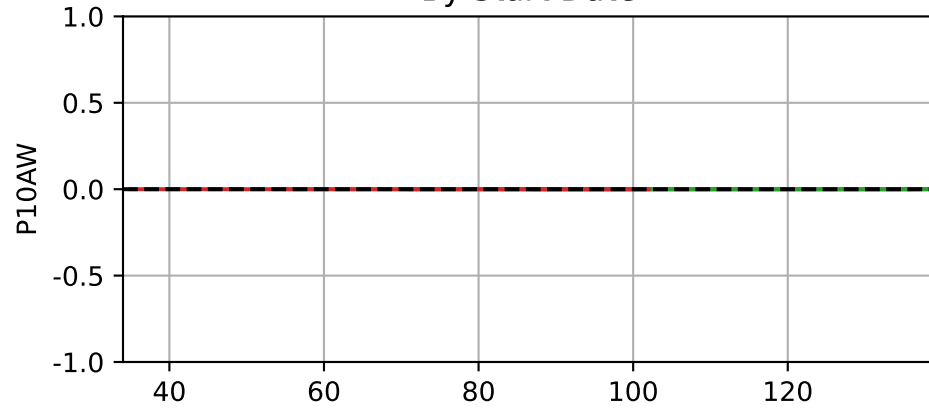
dm (Def=12 Set=3.11)  
avg1=5.11~8% avg2=na



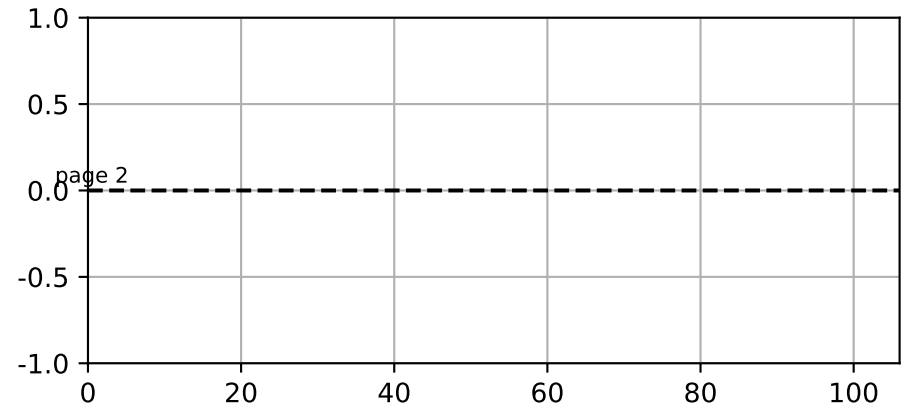
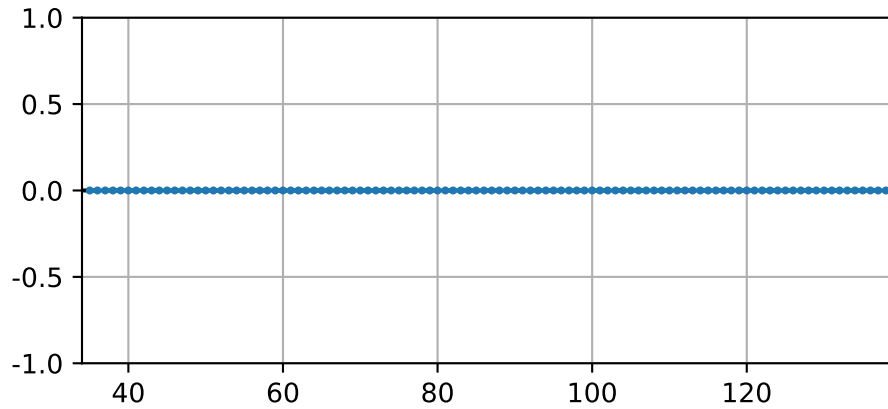
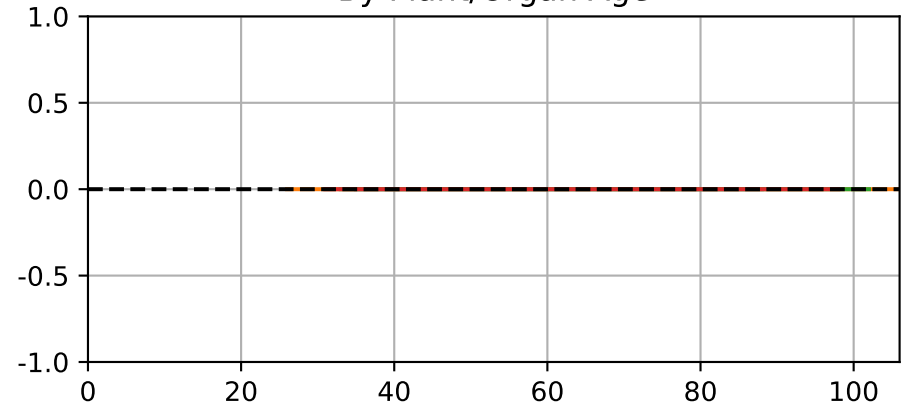
de (Def=12 Set=8.6)  
avg1=8.6~57% avg2=na

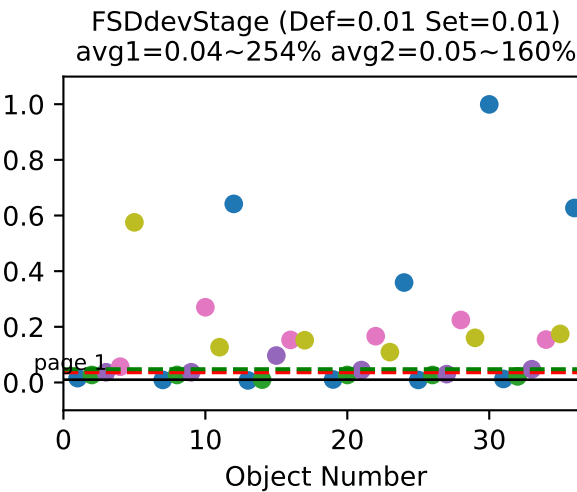
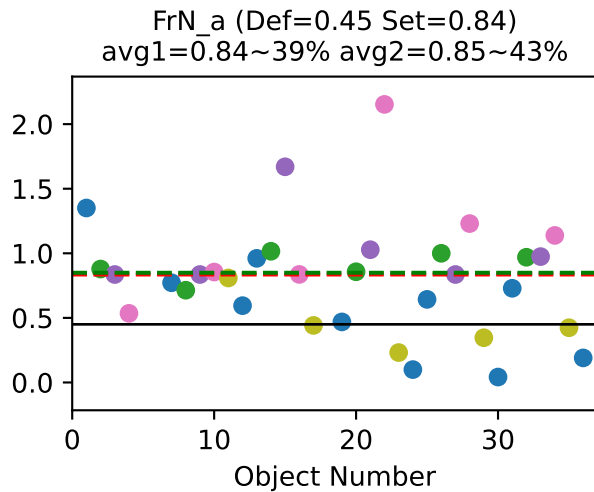
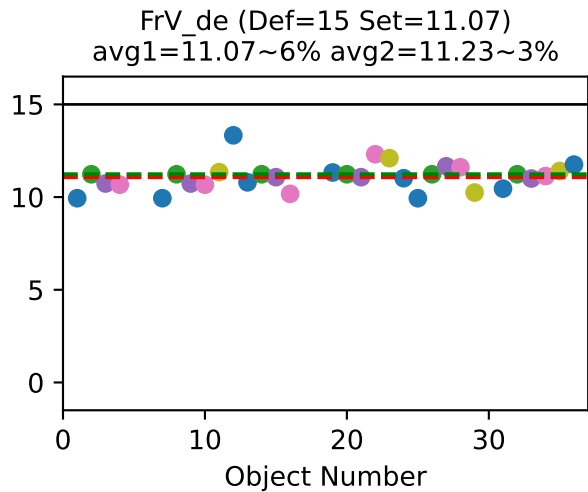
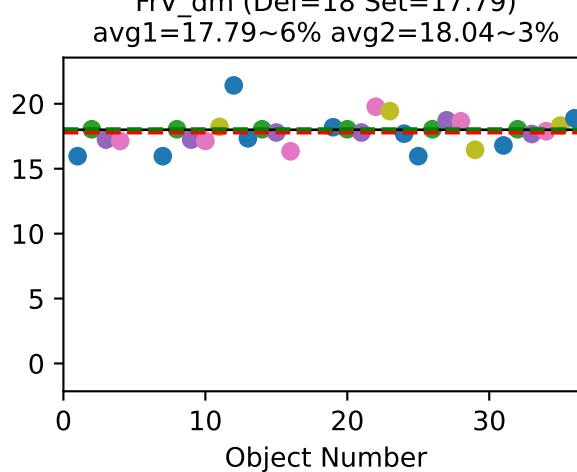
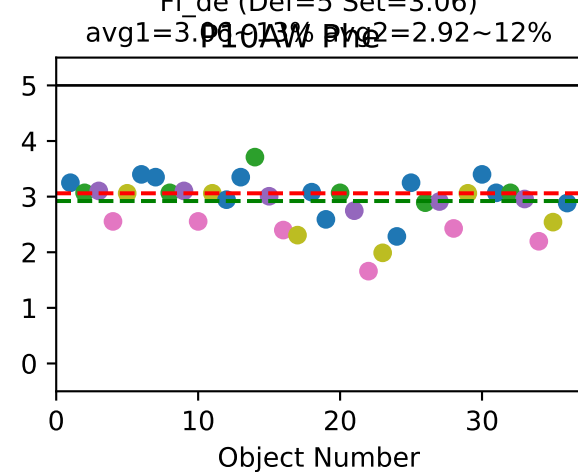
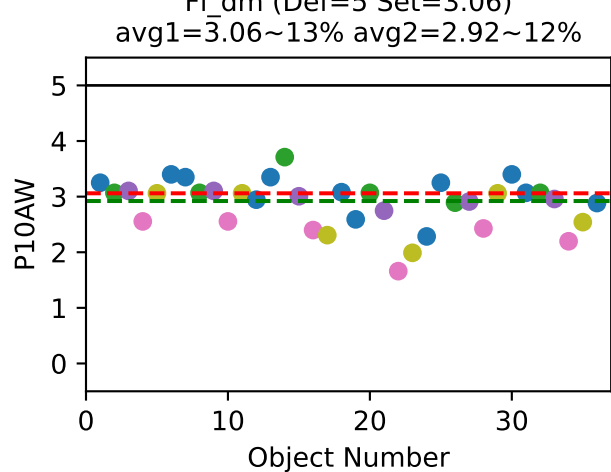


By Start Date

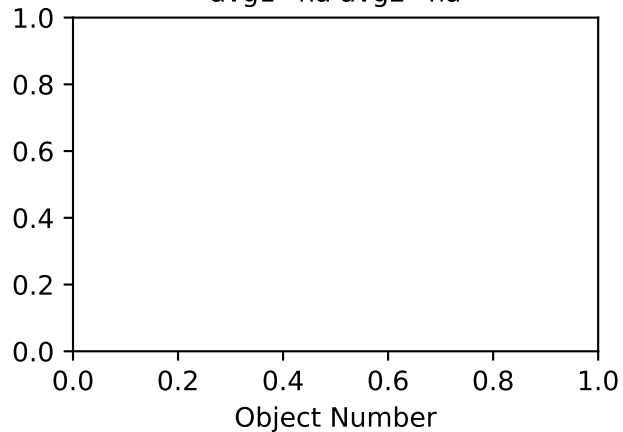


By Plant/Organ Age

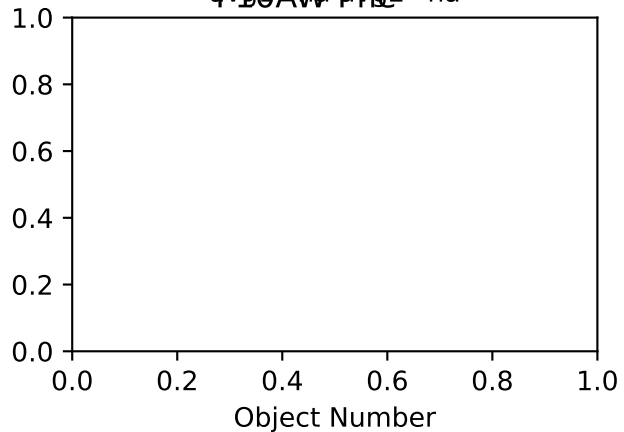




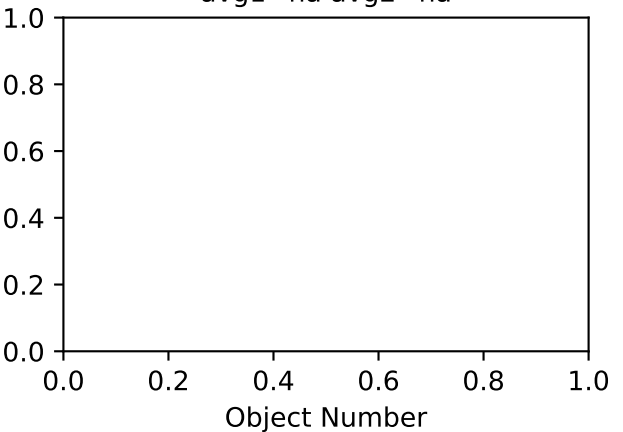
FGDdevStage (Def=0.7 Set=0.7)  
avg1=na avg2=na



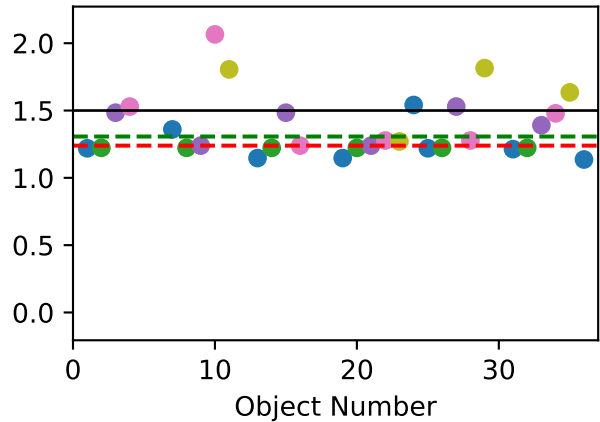
FMBDdevStage (Def=1.3 Set=1.3)  
avg1=na avg2=na



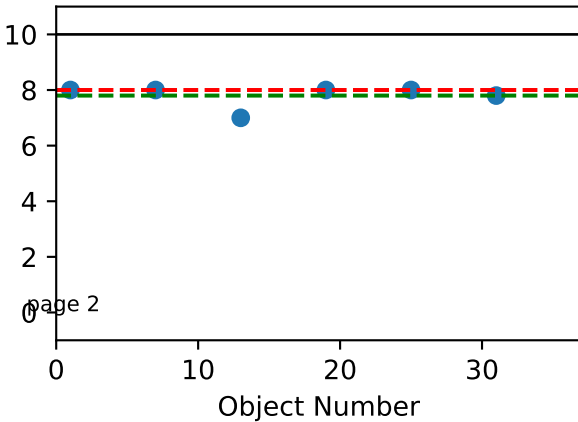
FMEDdevStage (Def=1.8 Set=1.8)  
avg1=na avg2=na



FHDdevStage (Def=1.5 Set=1.24)  
avg1=1.24~15% avg2=1.31~15%

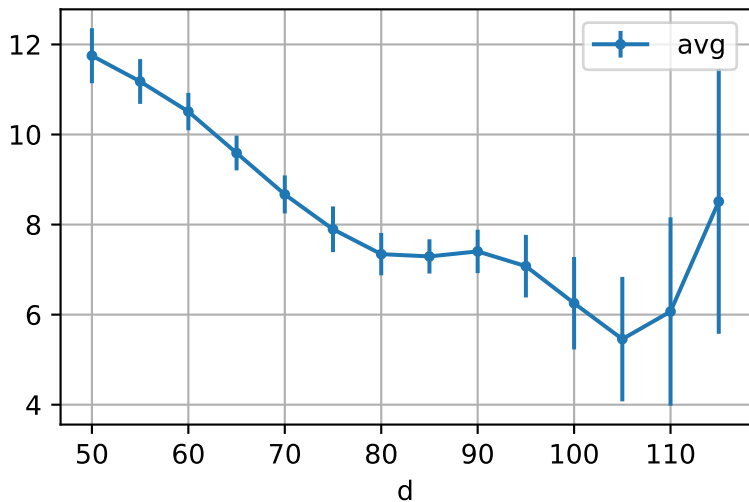


NNgen (Def=10 Set=8)  
avg1=8.0~0% avg2=7.8

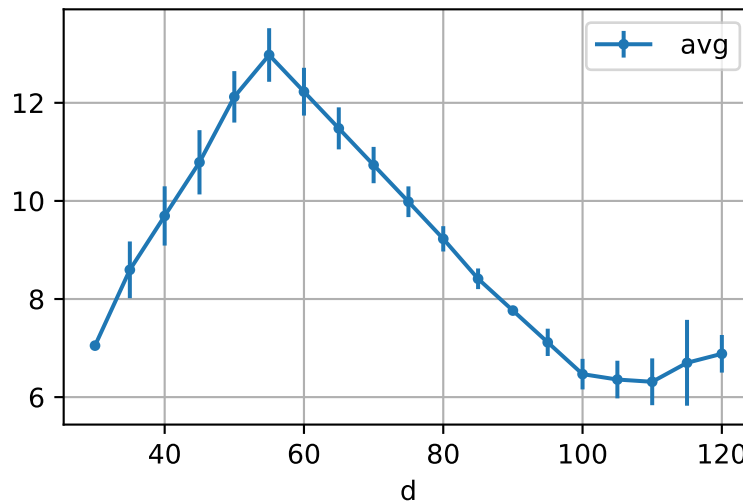


# NdD: avg vs. d at each age group

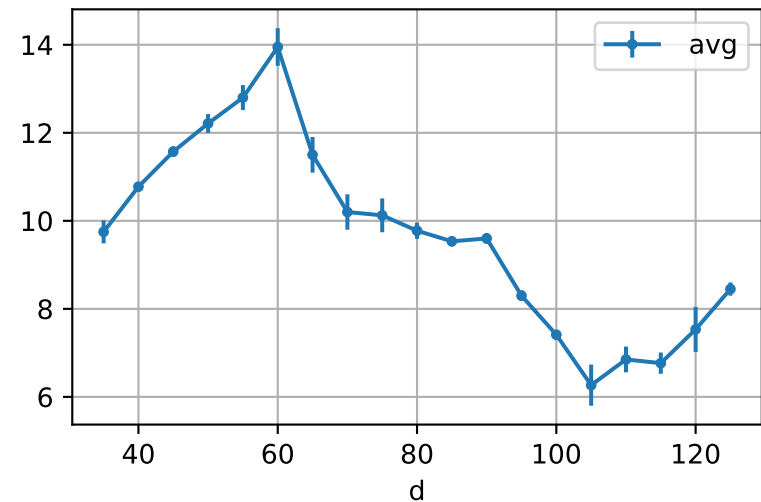
## age=20



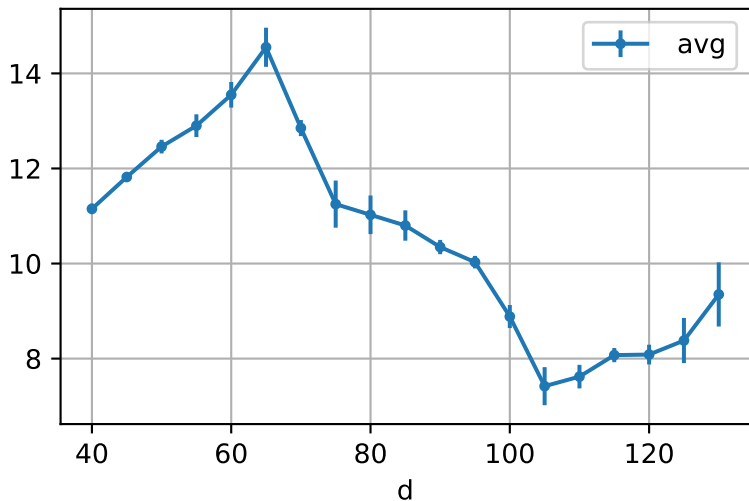
## age=25



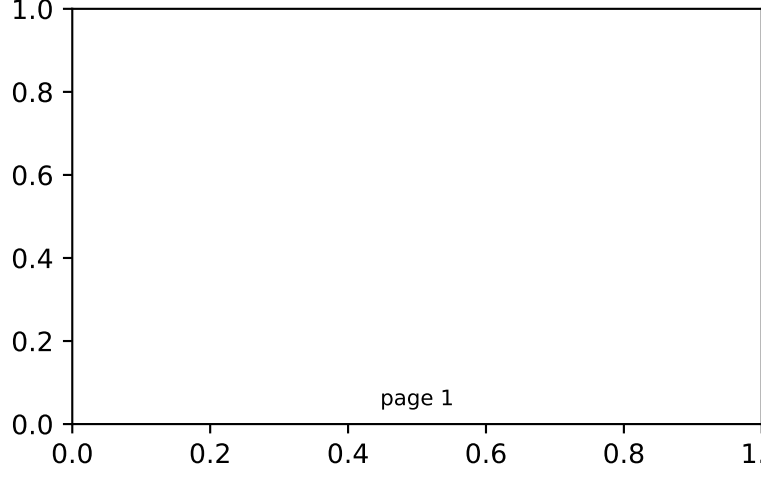
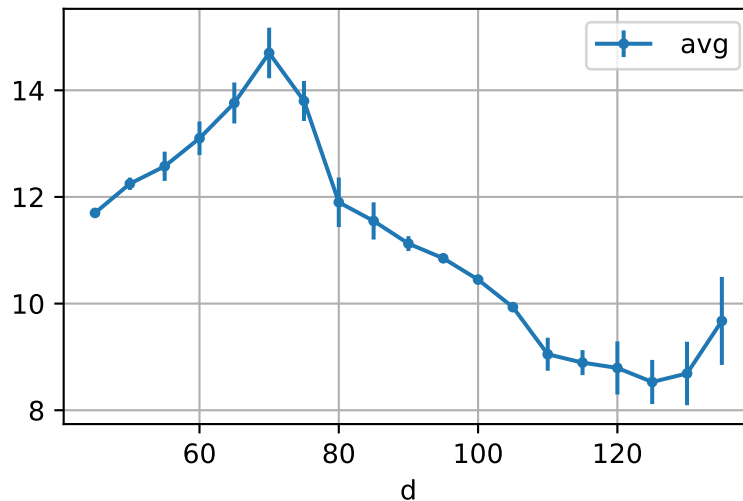
## age=30



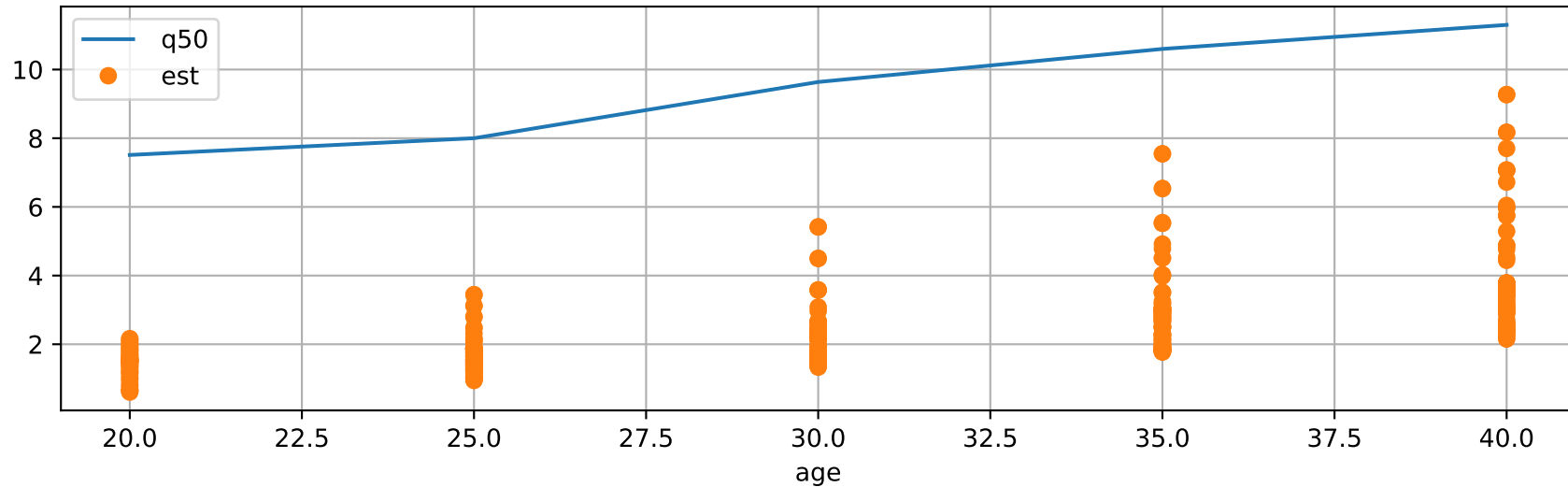
## age=35



## age=40

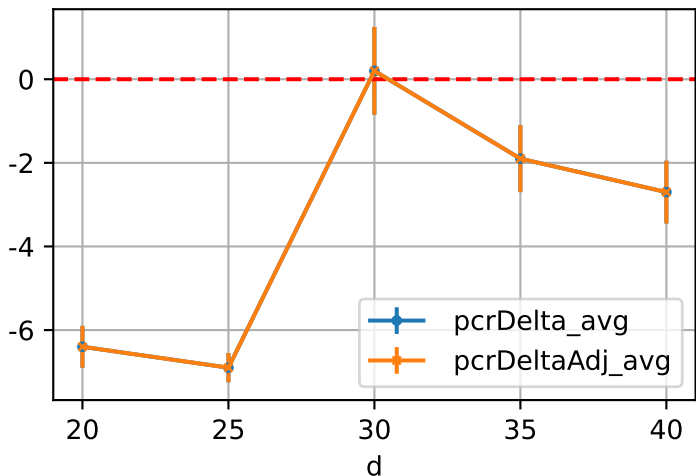


NdD: model est vs obsOv@Q50

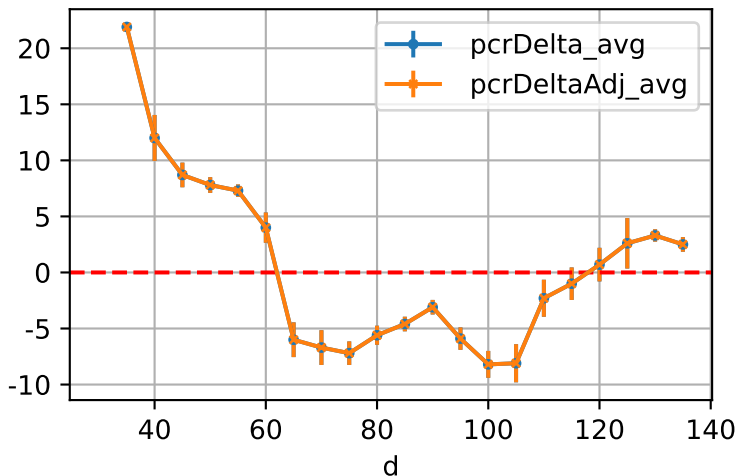


# P10AW NdD: D\_5d\_NdD

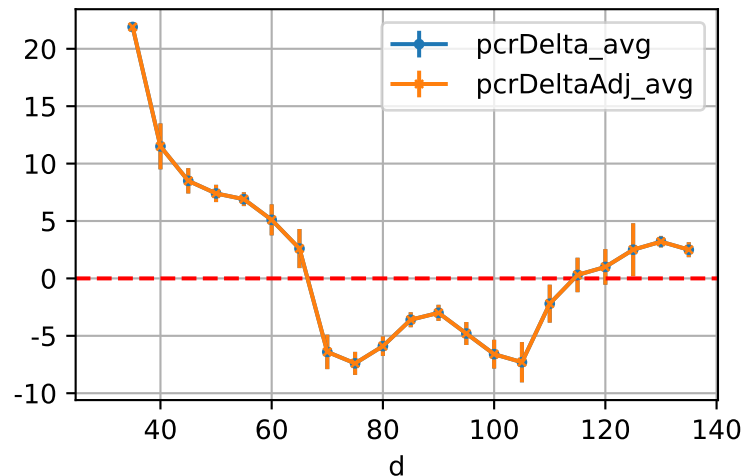
## DeltaTypeAbbr=GrpByAge



## DeltaTypeAbbr=GrpByDay

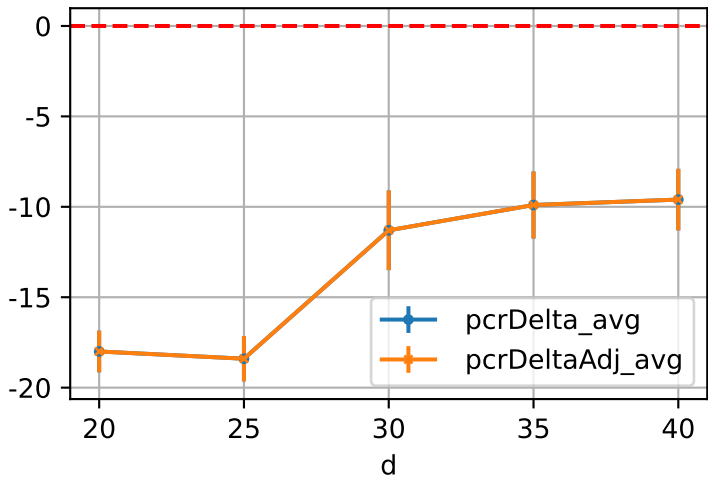


## DeltaTypeAbbr=WeiAvgByD

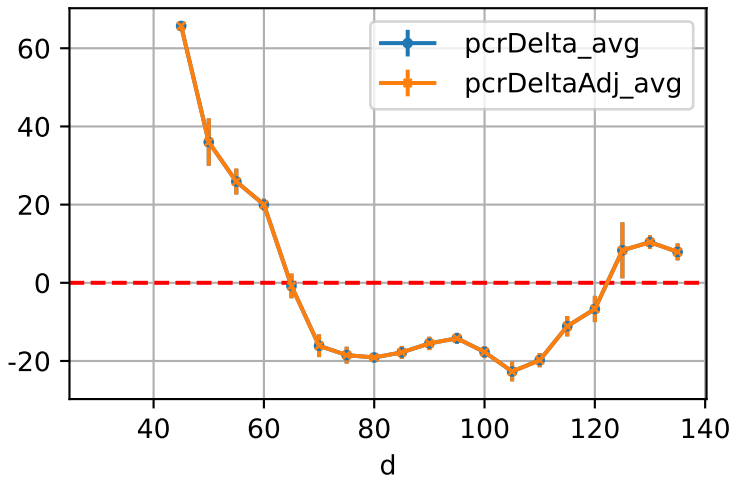


# P10AW NdD: D\_15d\_NdD

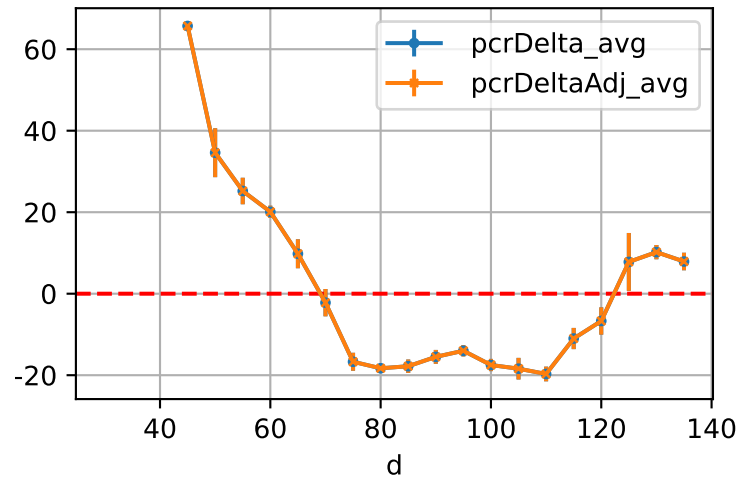
## DeltaTypeAbbr=GrpByAge



## DeltaTypeAbbr=GrpByDay

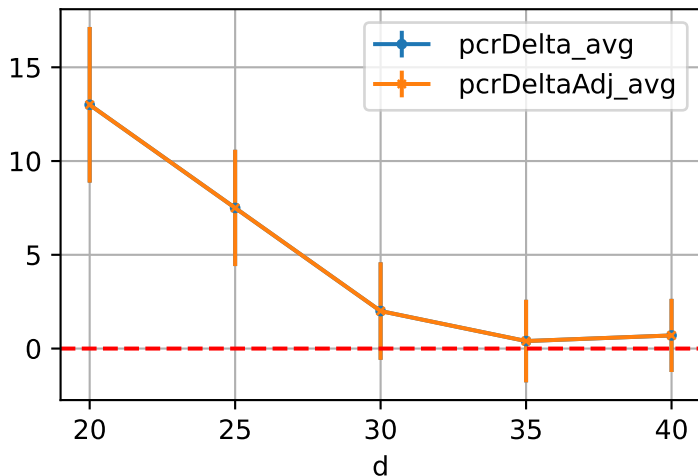


## DeltaTypeAbbr=WeiAvgByD

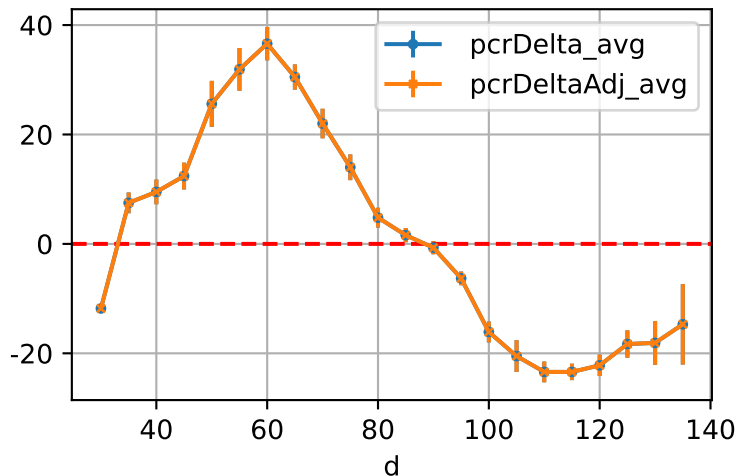


# P10AW NdD: D\_Q50\_NdD

## DeltaTypeAbbr=GrpByAge

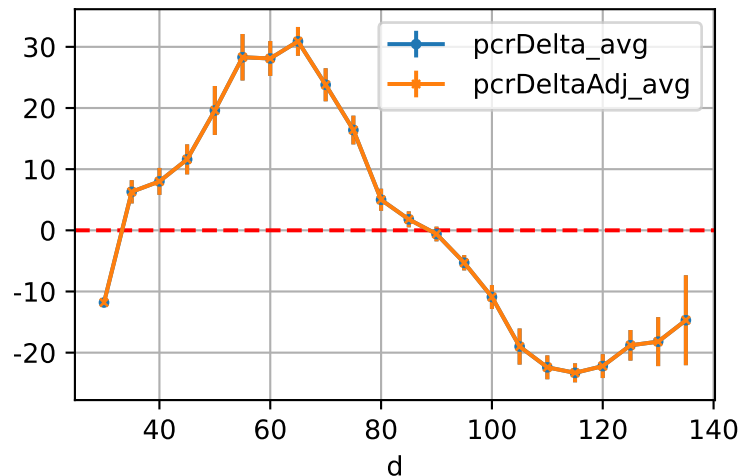


## DeltaTypeAbbr=GrpByDay



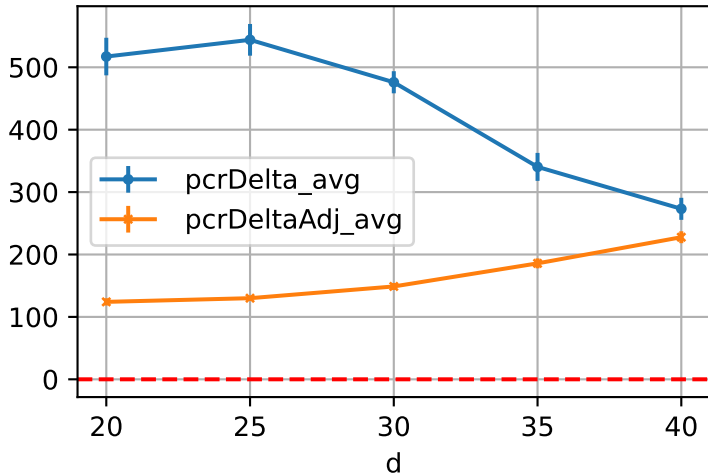
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## DeltaTypeAbbr=WeiAvgByD

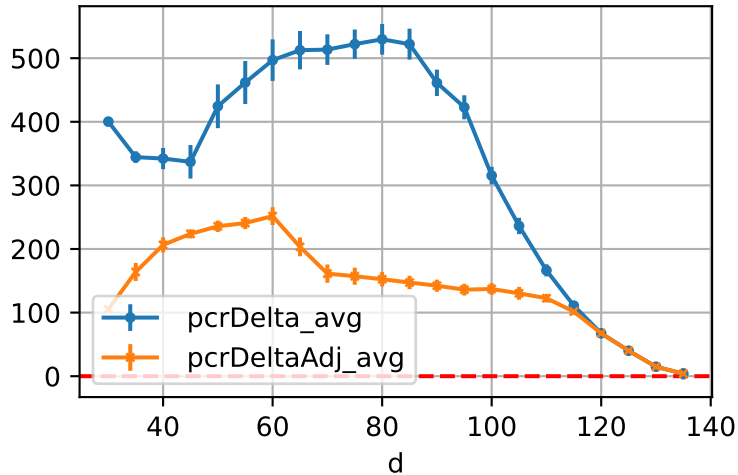


# P10AW NdD: D\_Est\_NdD

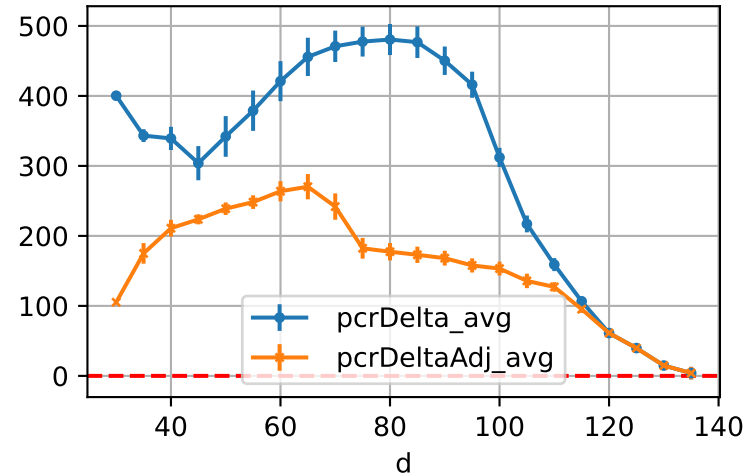
## DeltaTypeAbbr=GrpByAge



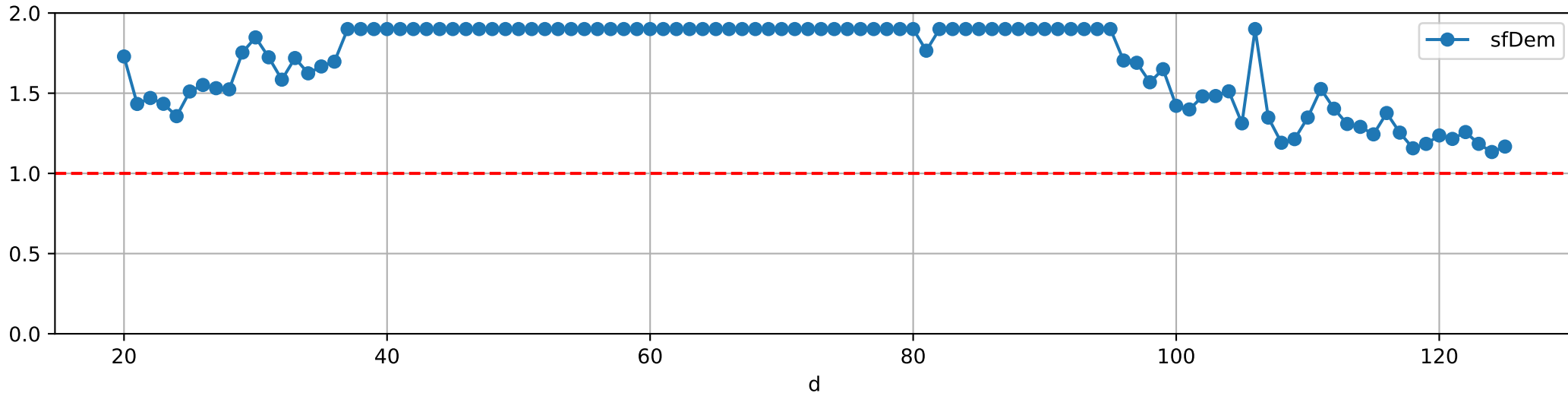
## DeltaTypeAbbr=GrpByDay



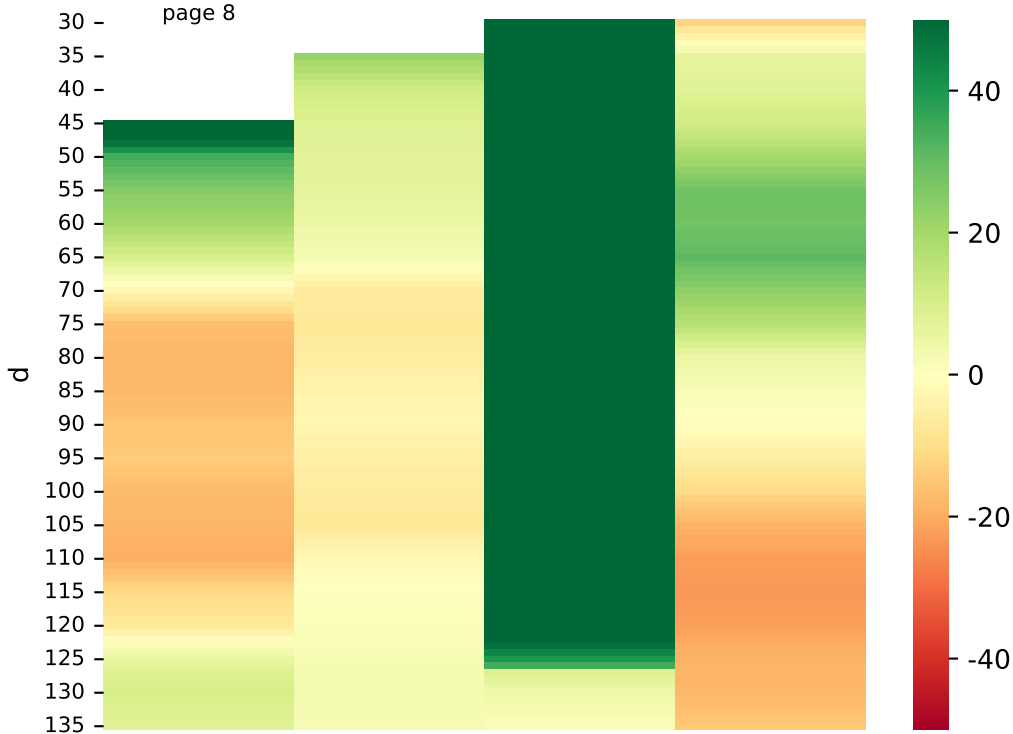
## DeltaTypeAbbr=WeiAvgByD



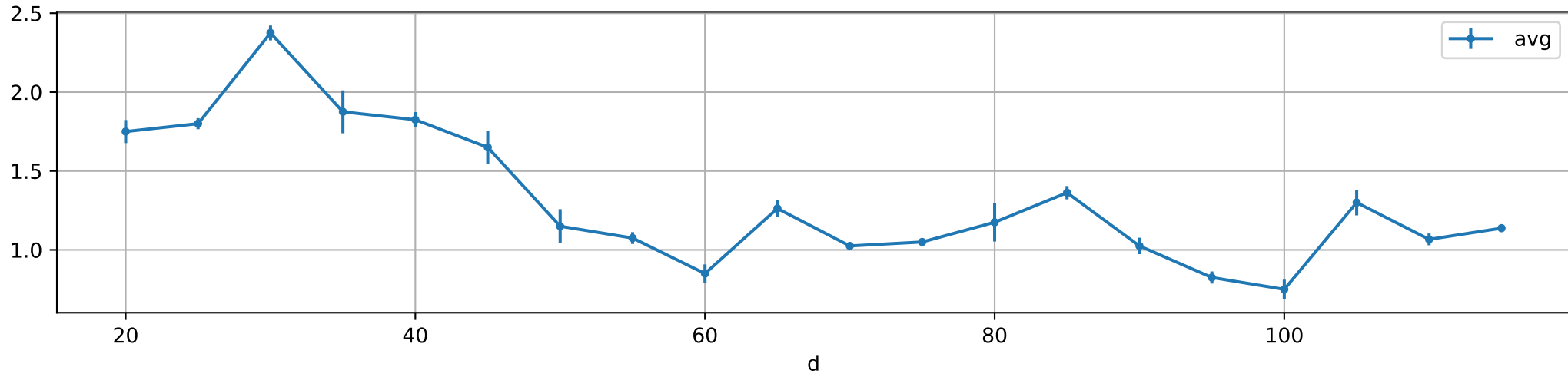
NdD: sfDem



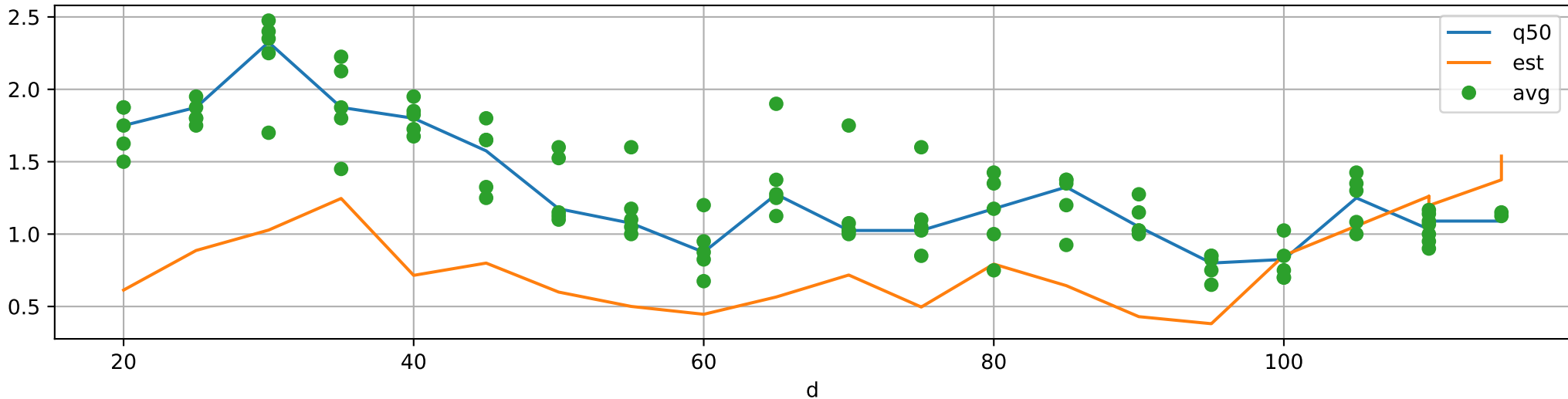
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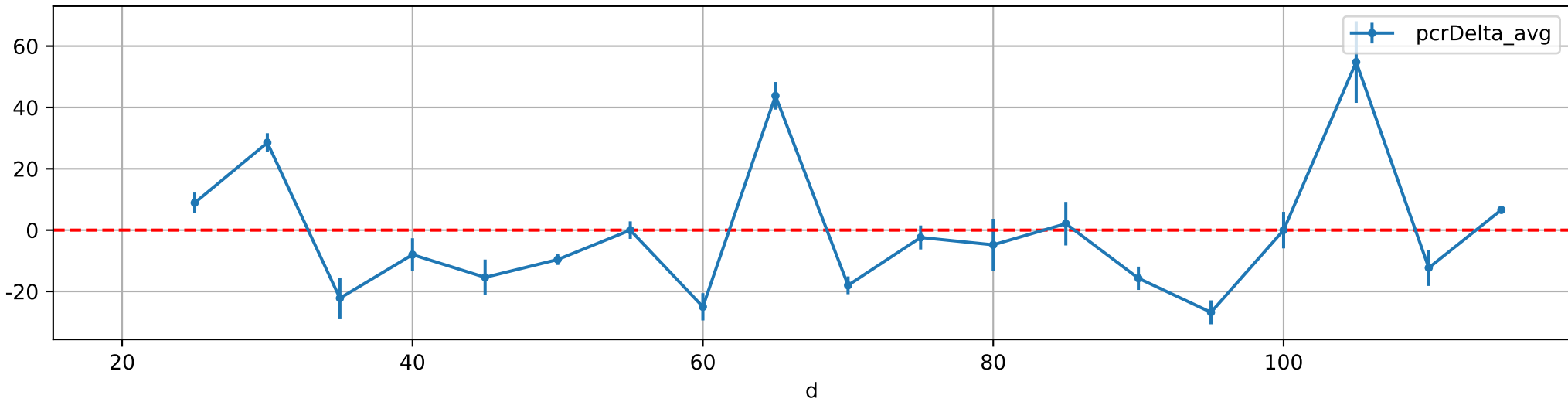
dStH: avg vs. d



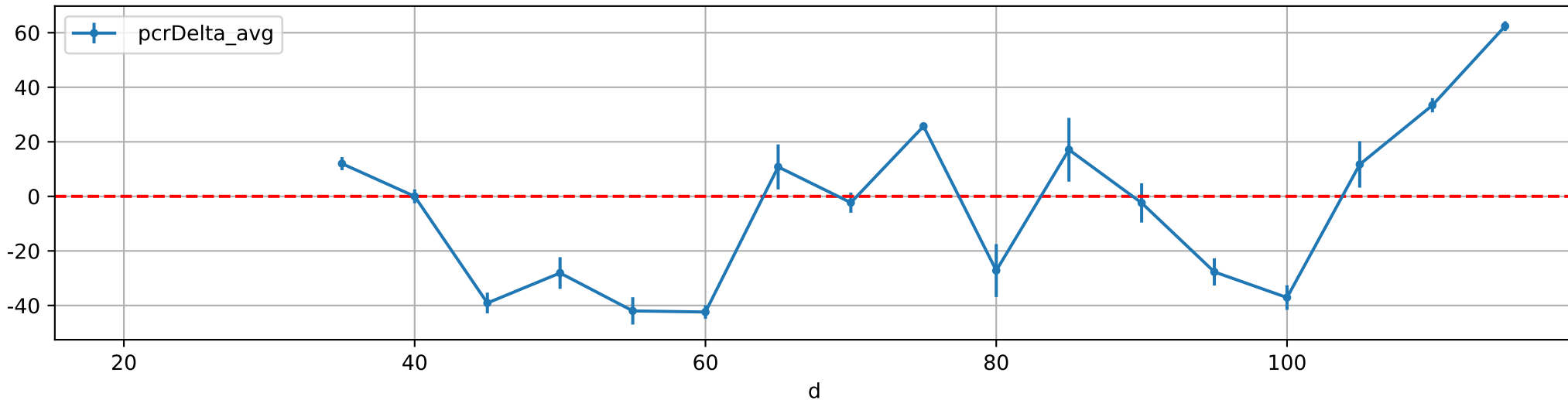
dStH: obsAvg vs obsOv@Q50



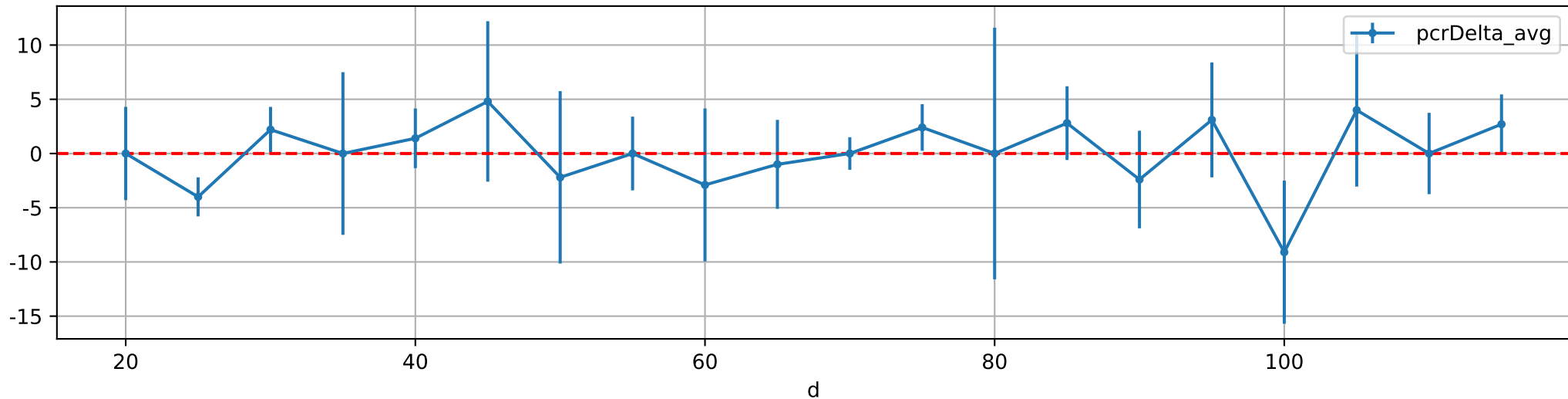
dStH: D\_5d\_StH



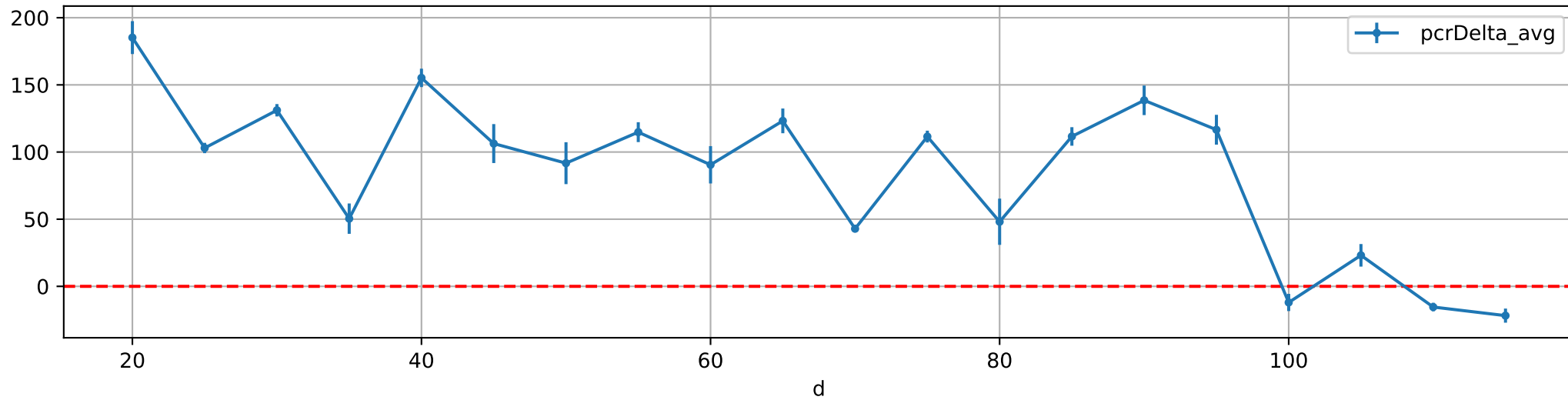
dStH: D\_15d\_StH



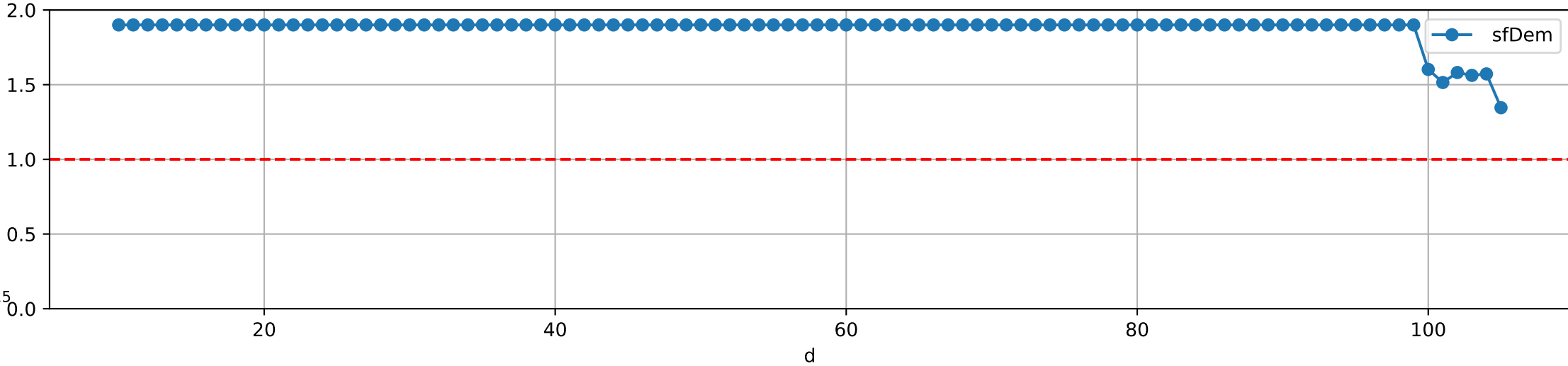
dStH: D\_Q50\_StH



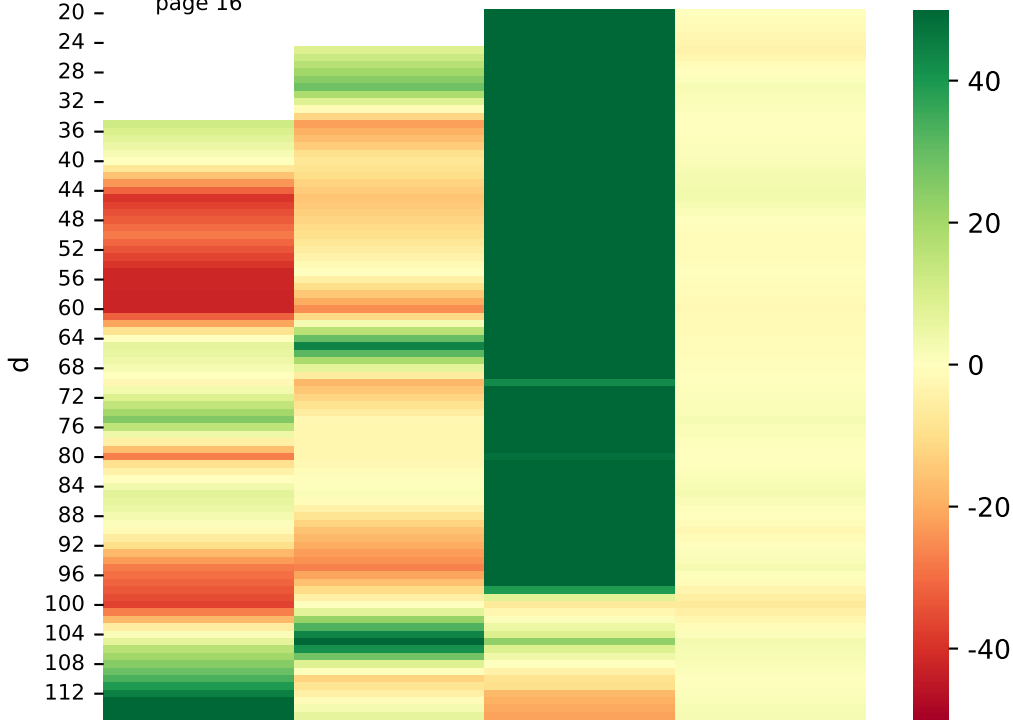
dStH: D\_Est\_StH



dStH: sfDem

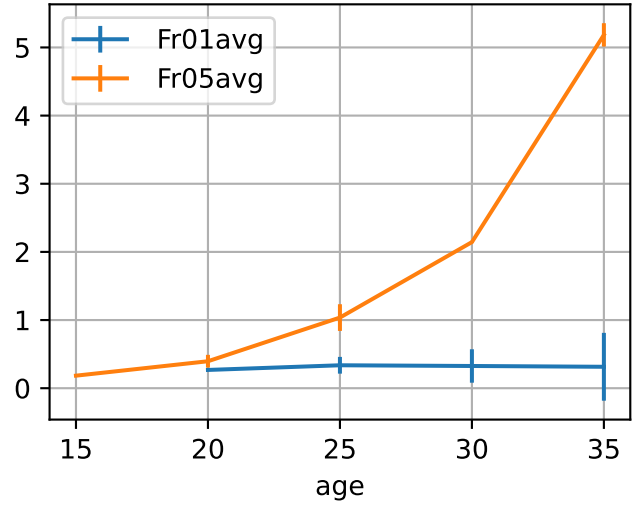


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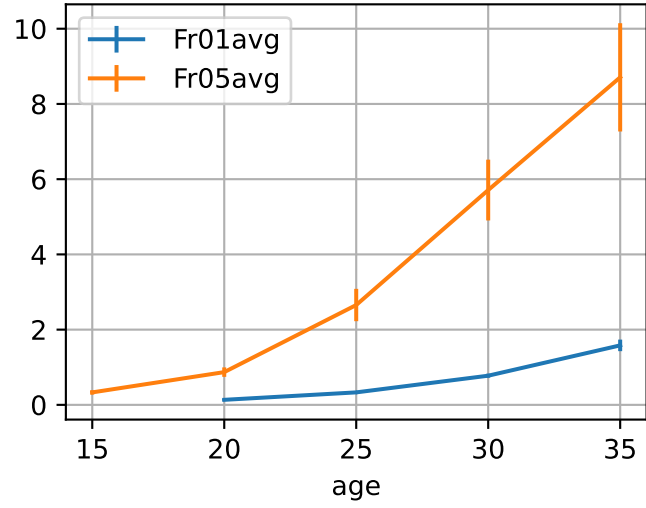


FrV: Fr01 vs Fr05 at each truss

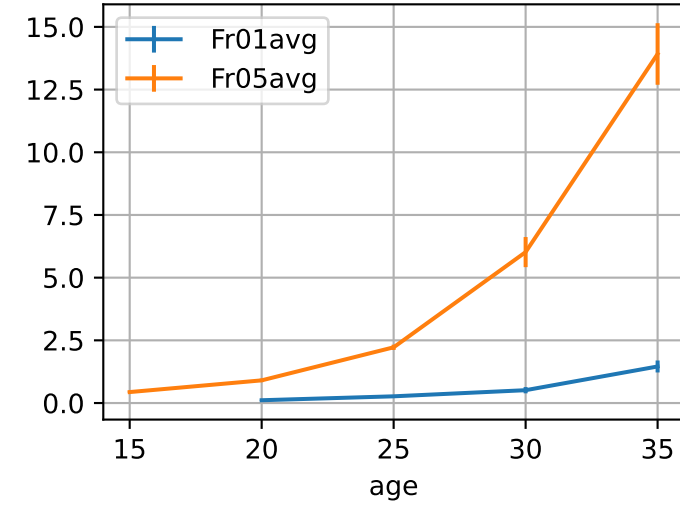
organID=T01



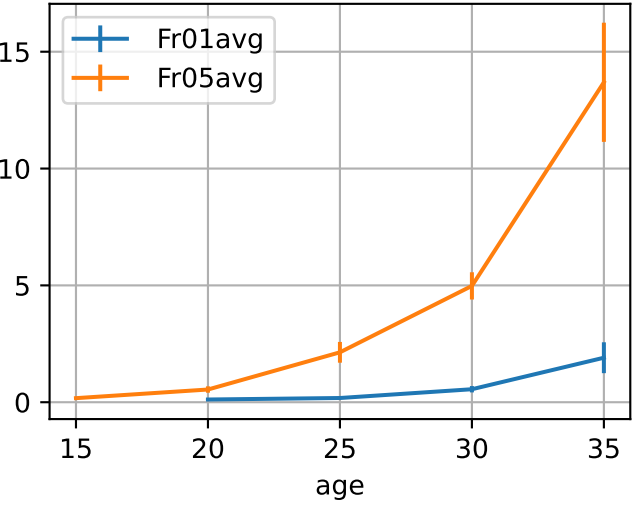
organID=T02



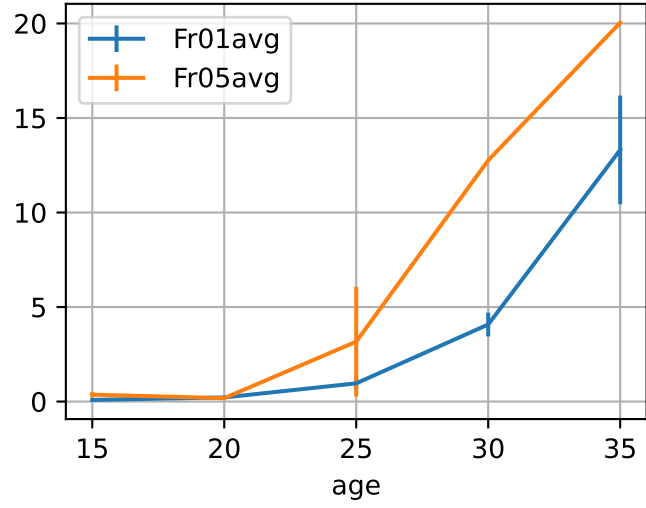
organID=T03



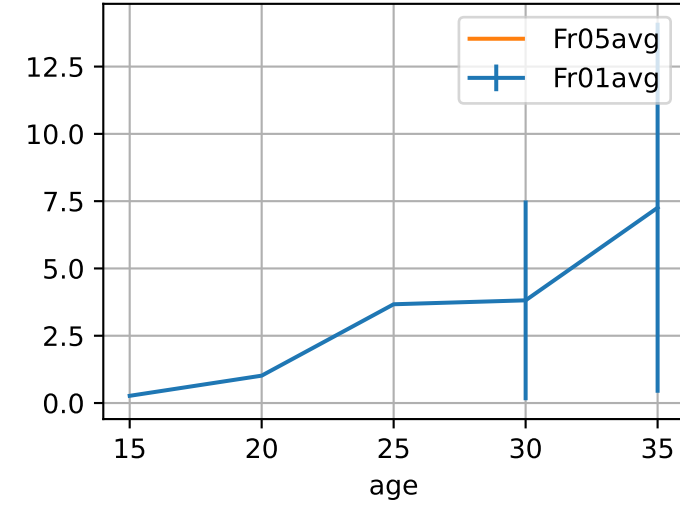
organID=T04



organID=T05

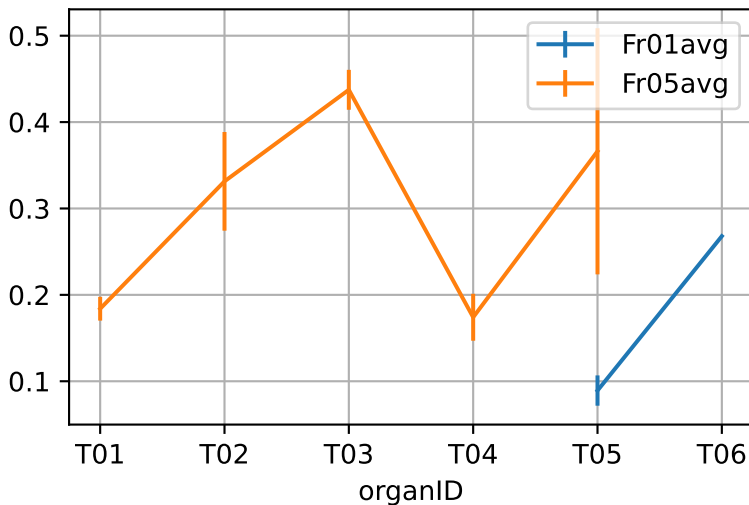


organID=T06

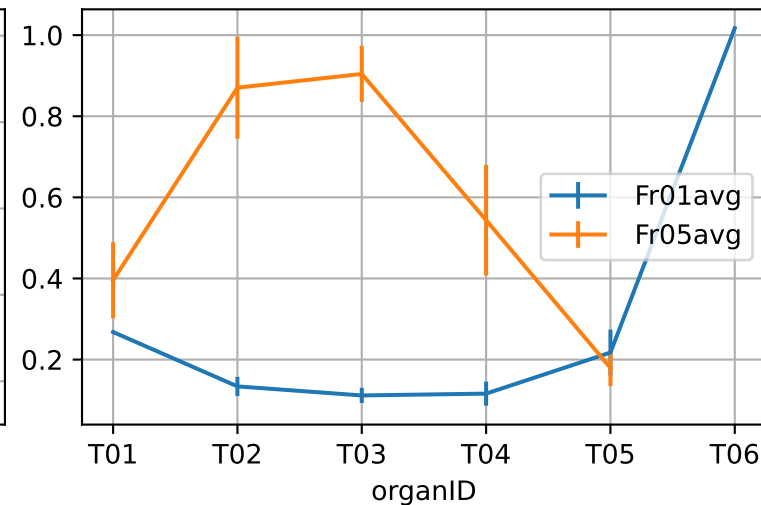


# FrV trend at each age

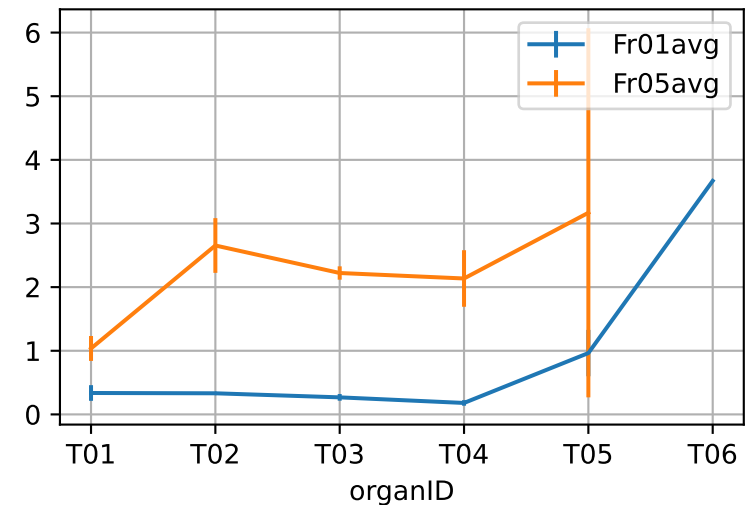
## age=15



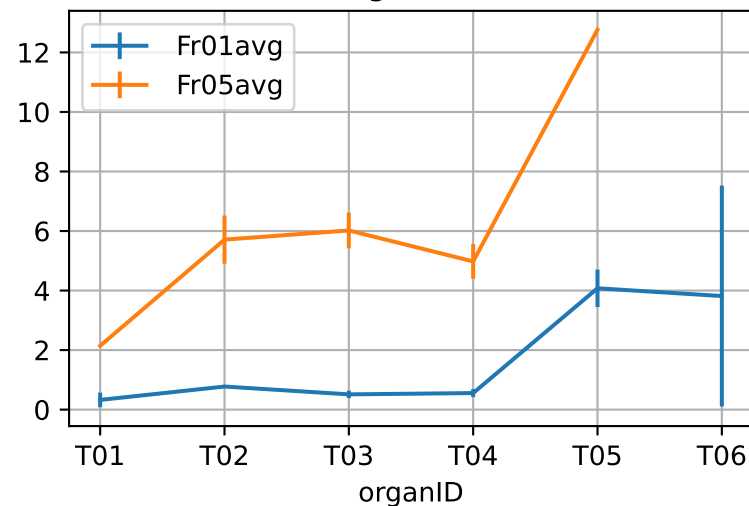
## age=20



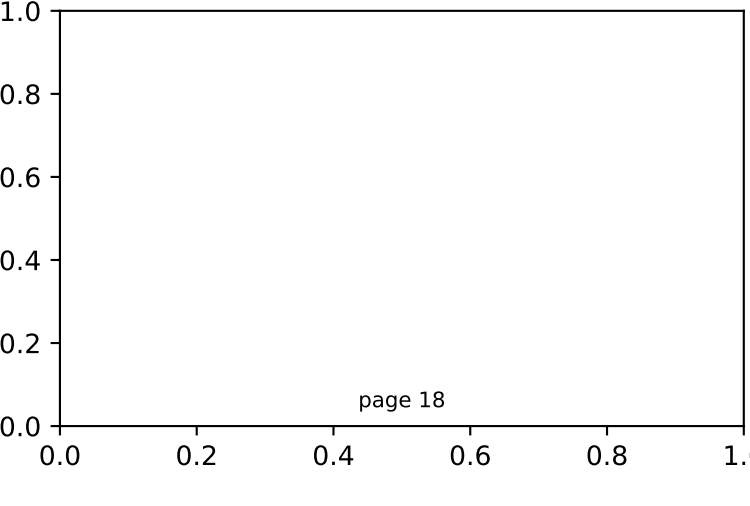
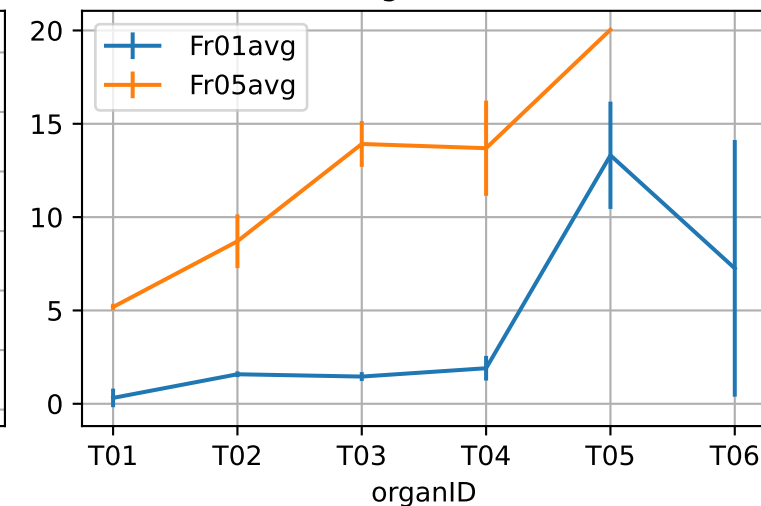
## age=25



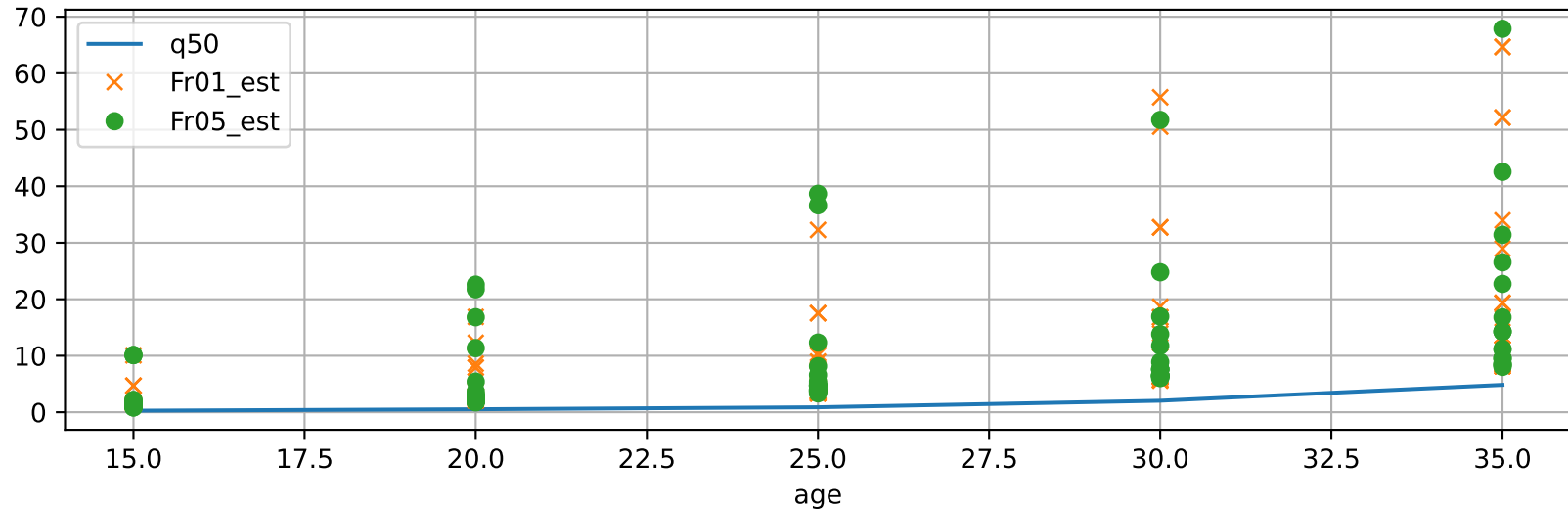
## age=30



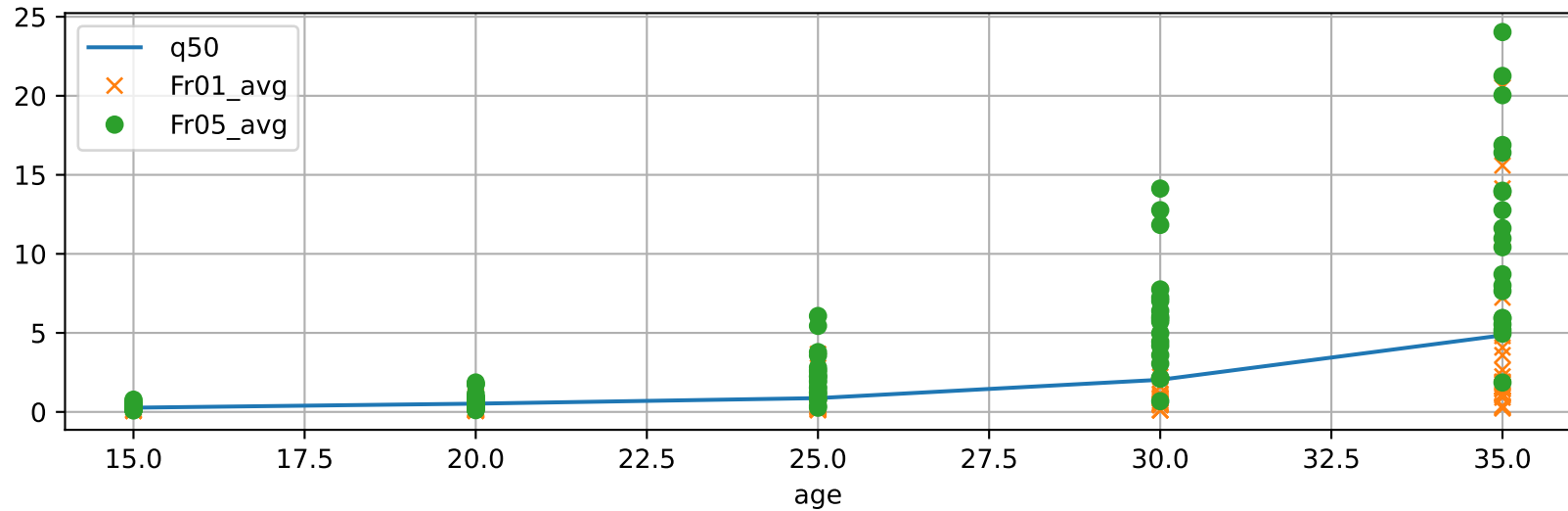
## age=35



FrV: model Est vs obsFrV at Q90

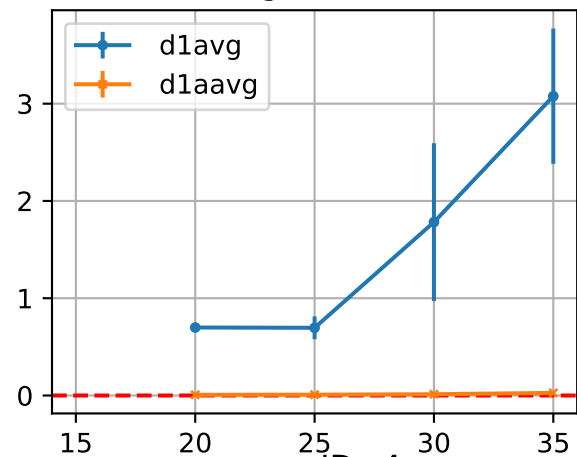


FrV: obsFrV vs obsFrV@Q90

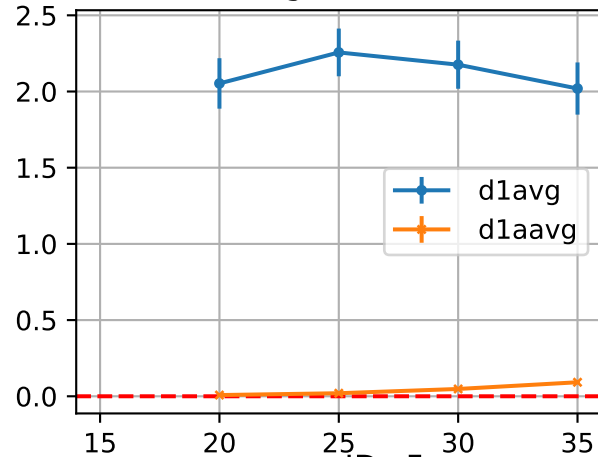


## FrV: D\_Fr1\_FrV

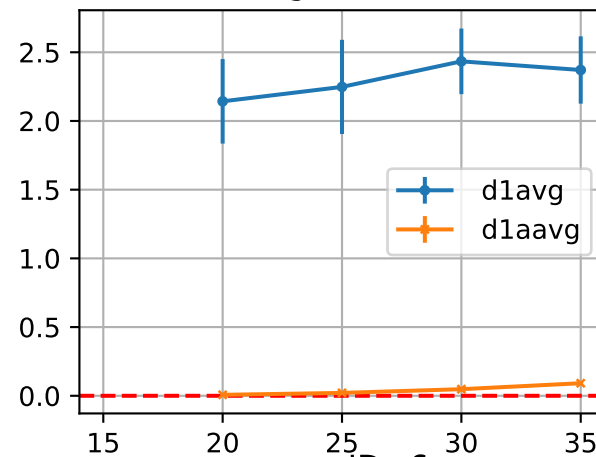
organID=1



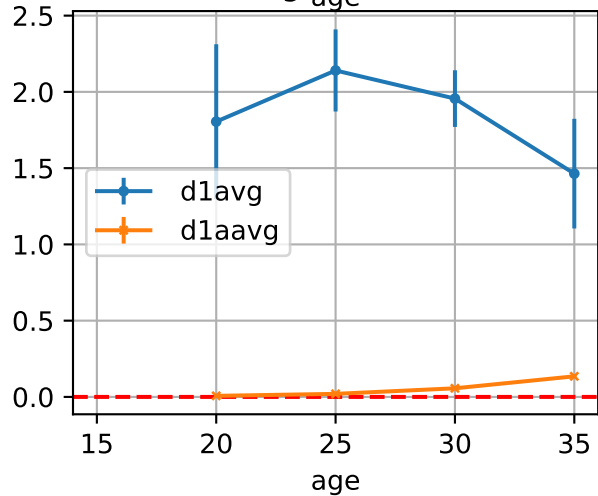
organID=2



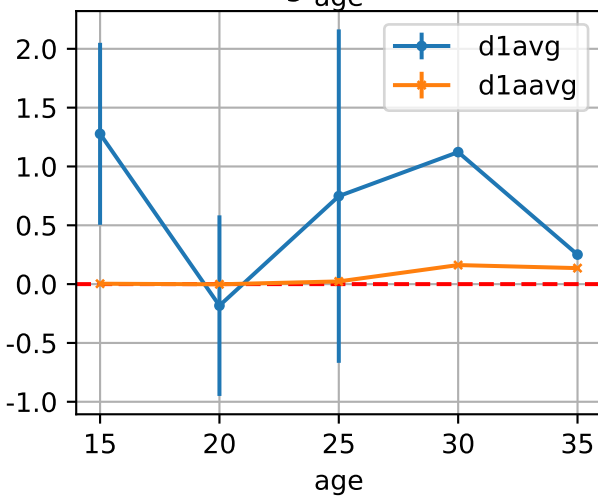
organID=3



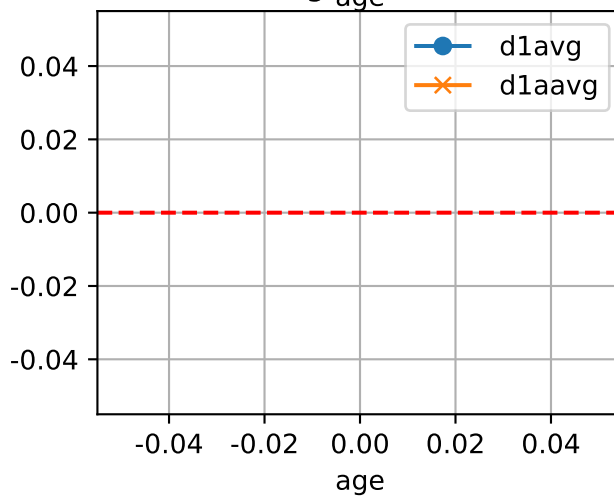
organID=4



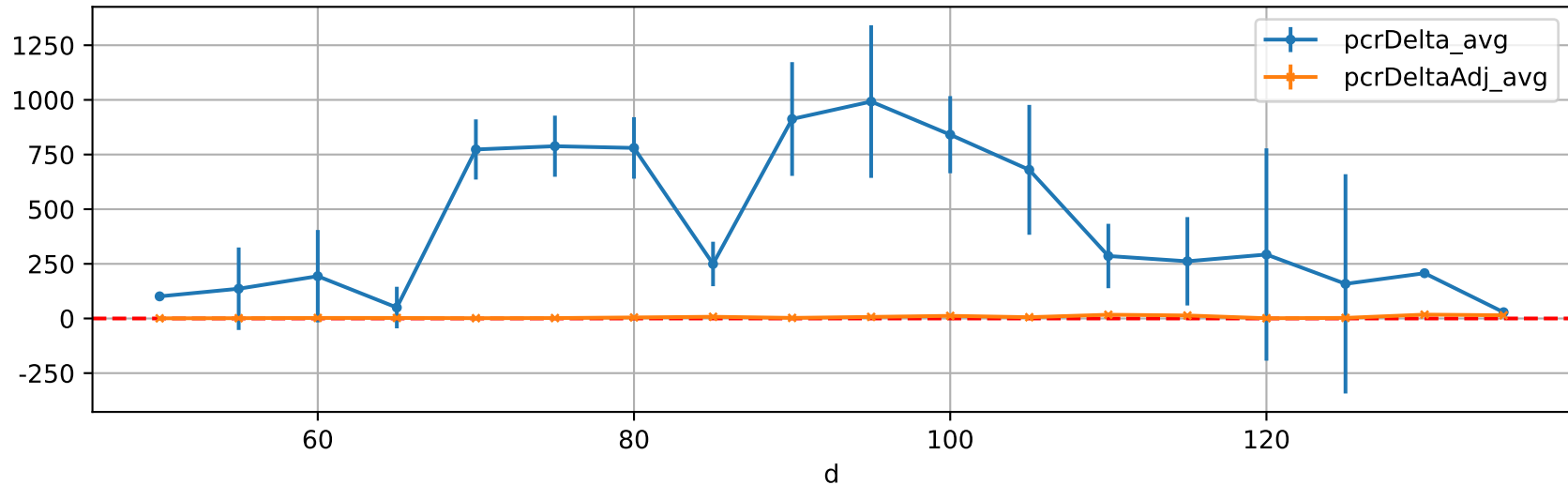
organID=5



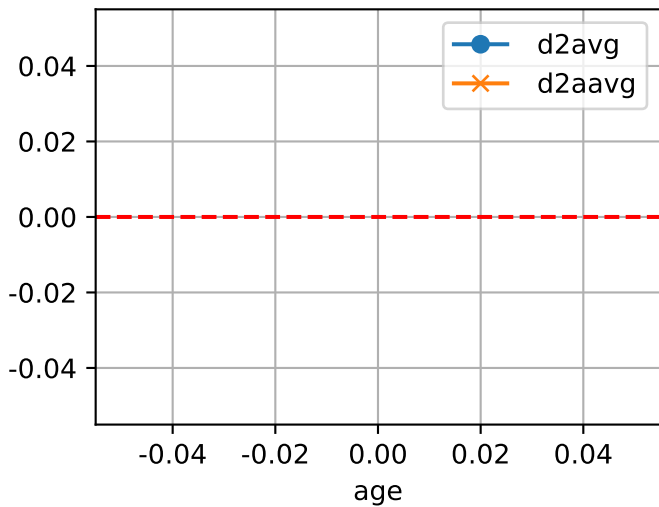
organID=6



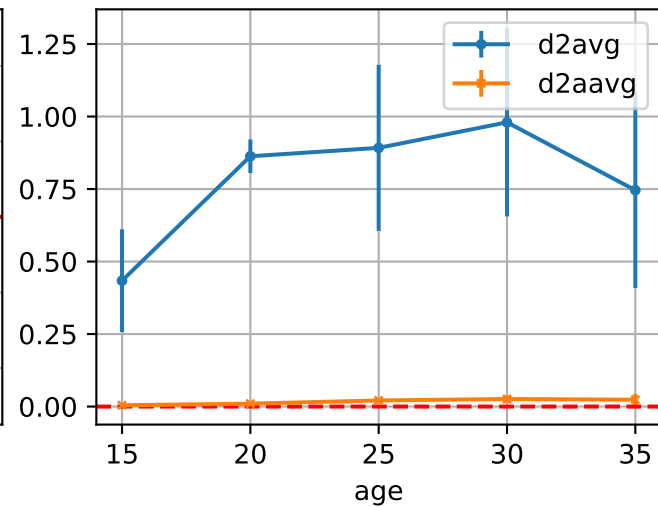
P10AW FrV: D\_Fr1\_FrV



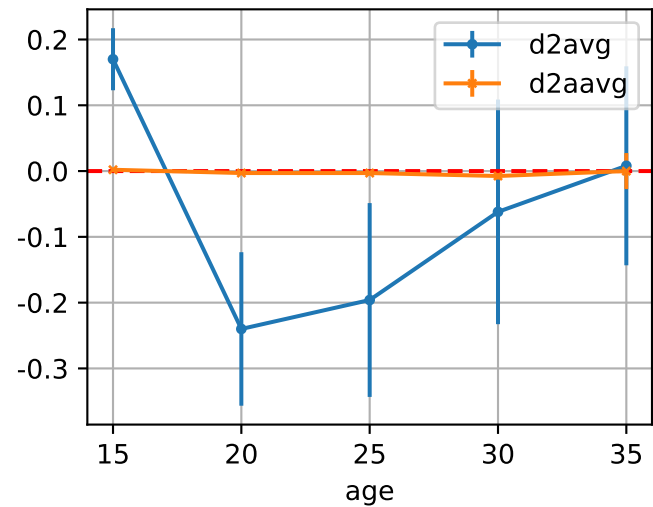
organID=1



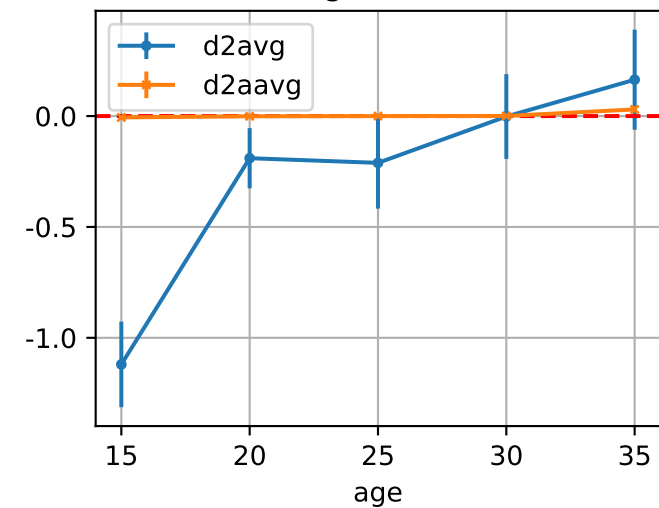
organID=2



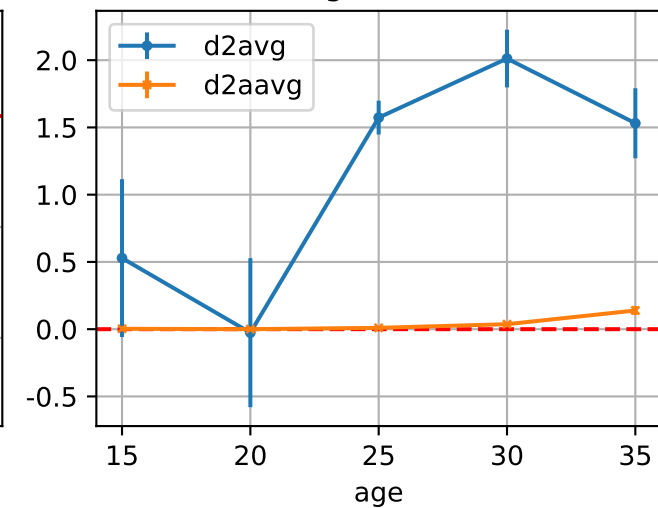
organID=3



organID=4

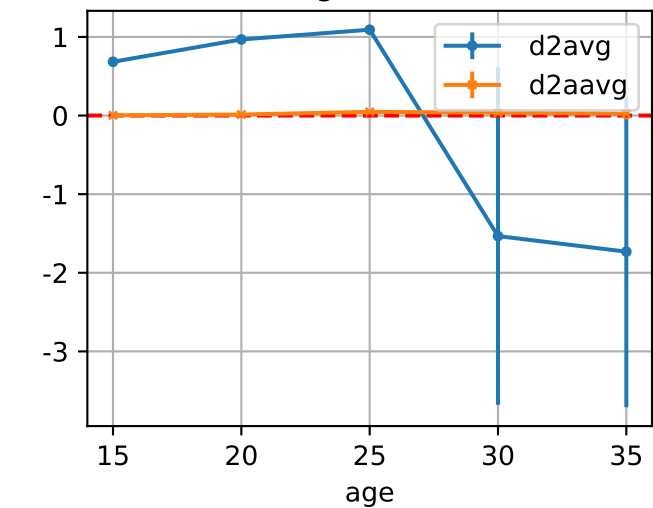


organID=5

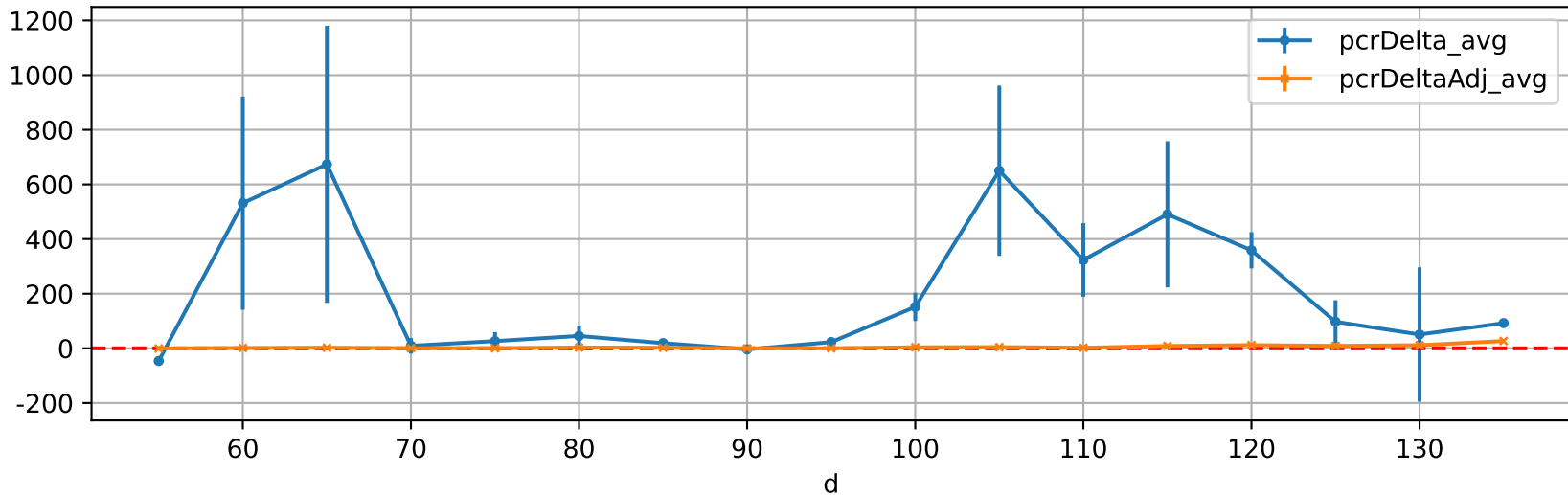


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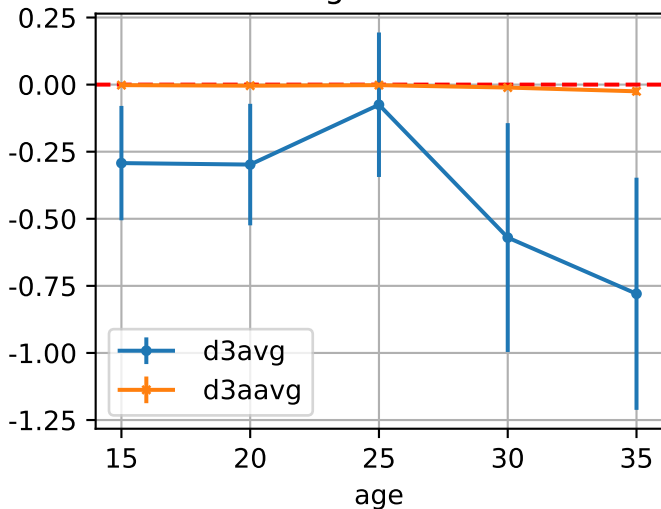
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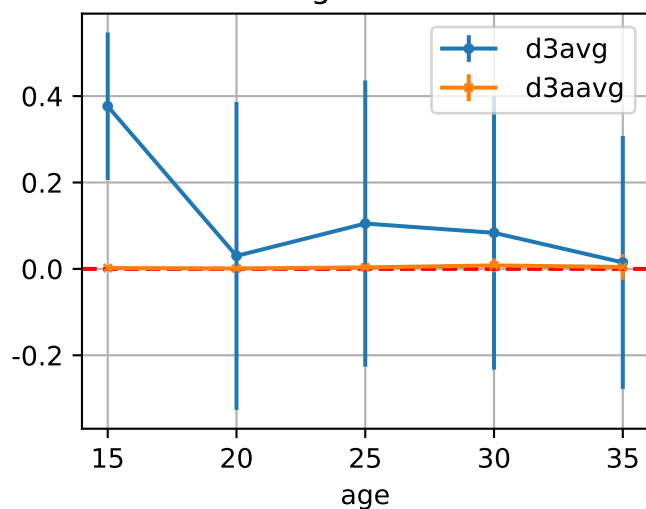
P10AW FrV: D\_Ts\_FrV



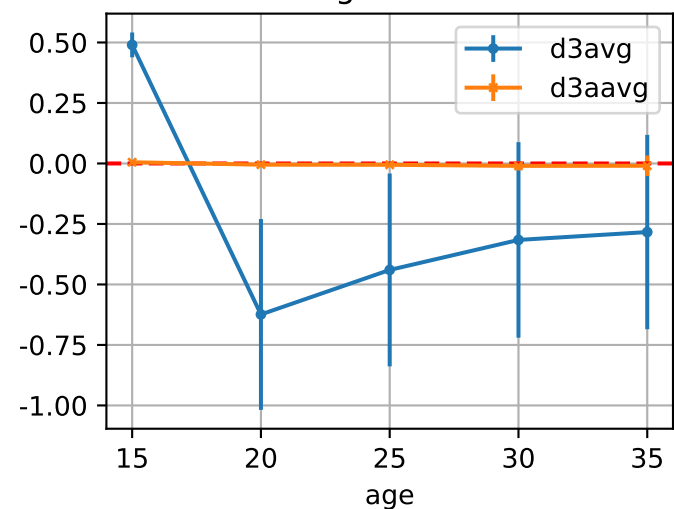
organID=1



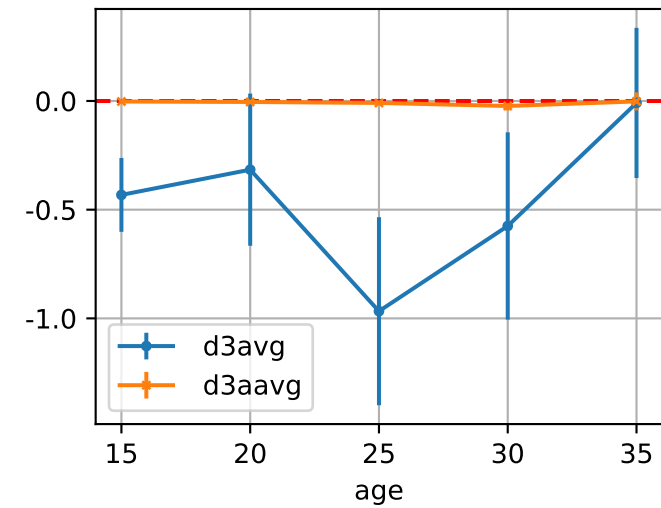
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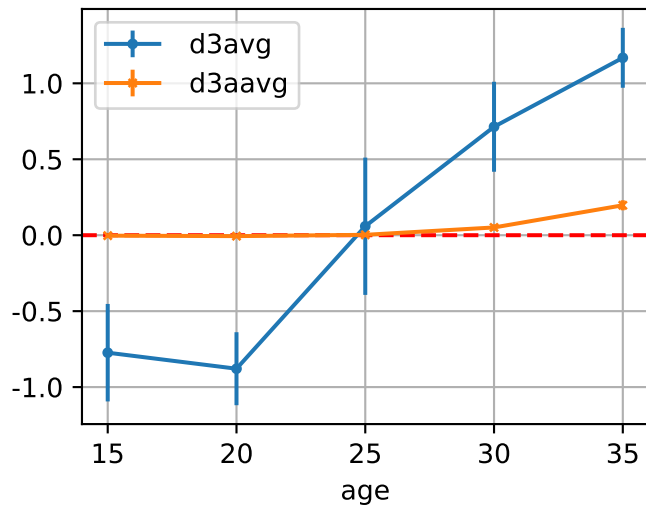
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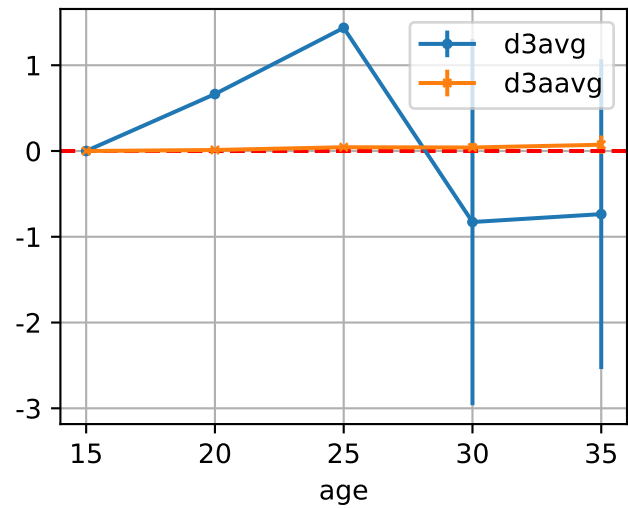


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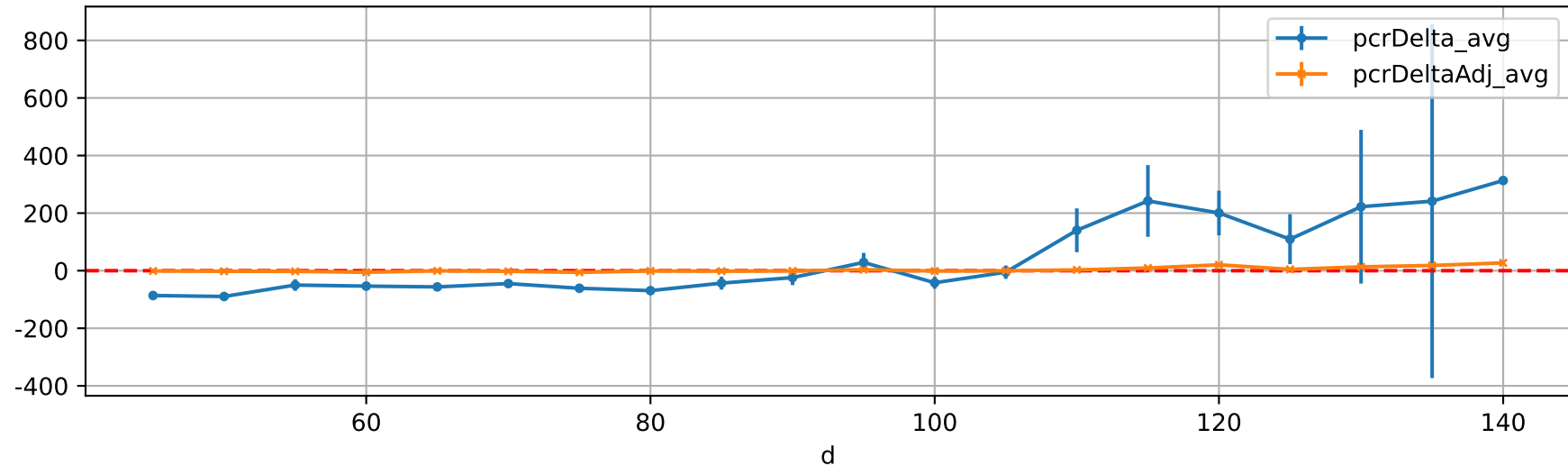


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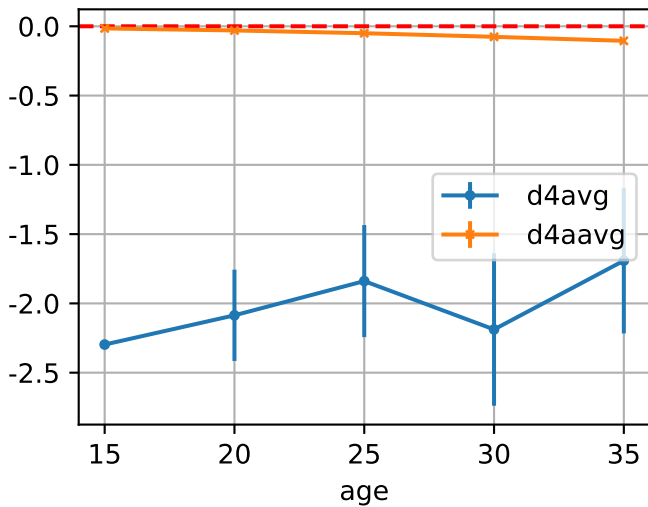
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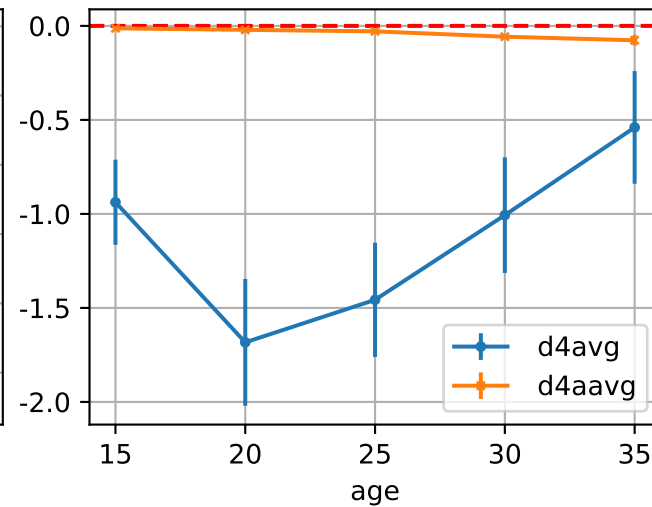
P10AW FrV: D\_Q50\_FrV



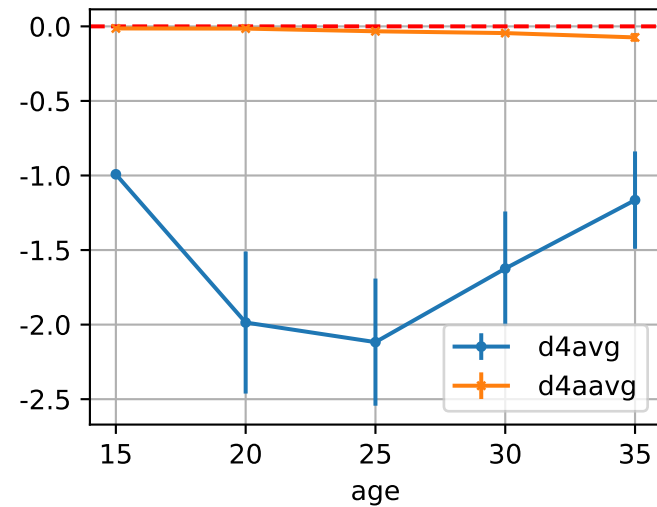
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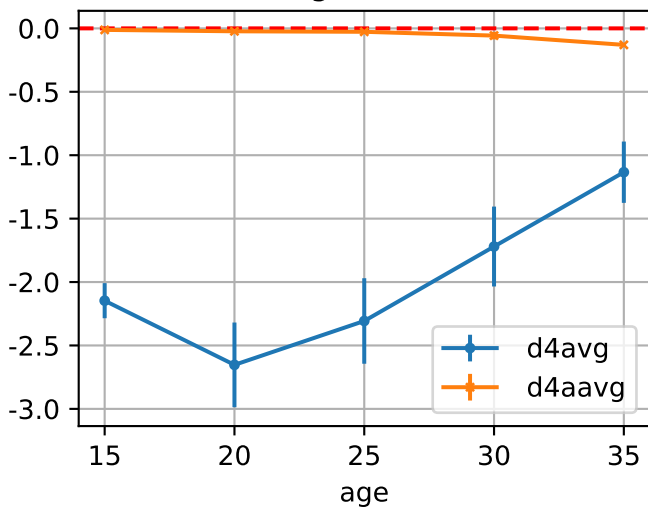
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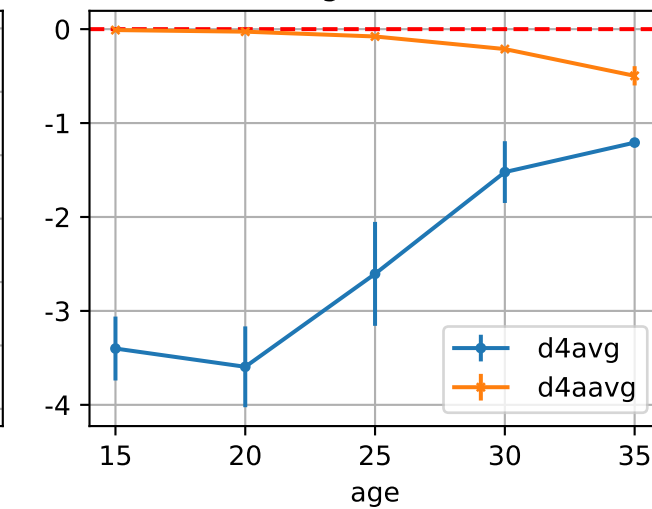
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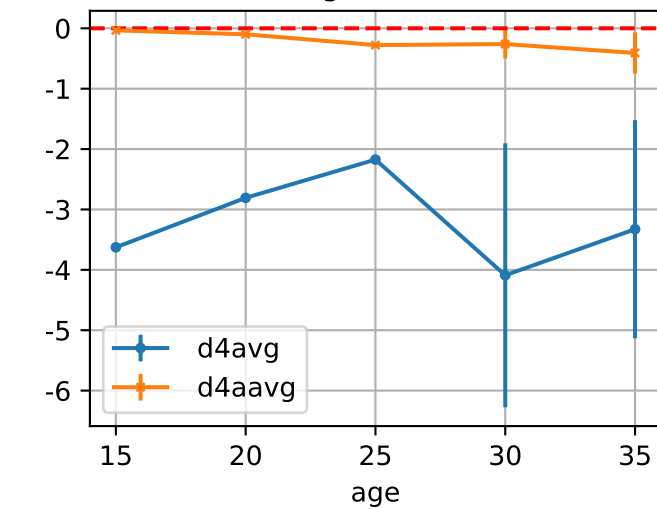


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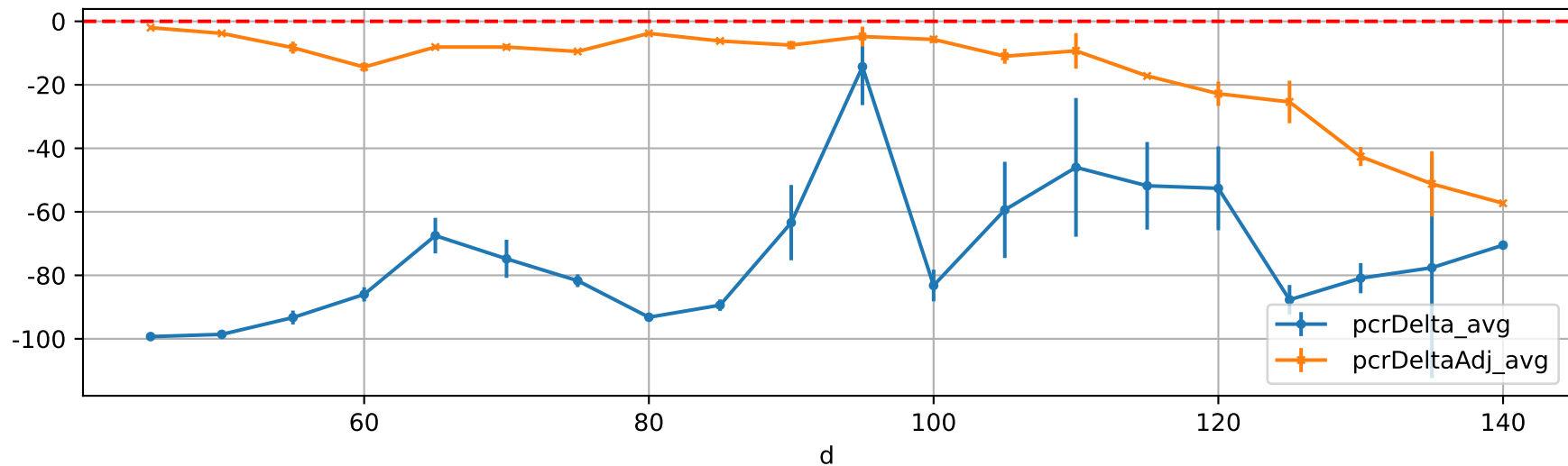


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organID=6



P10AW FrV: D\_Est\_FrV



P10AW FrV: sfDem

