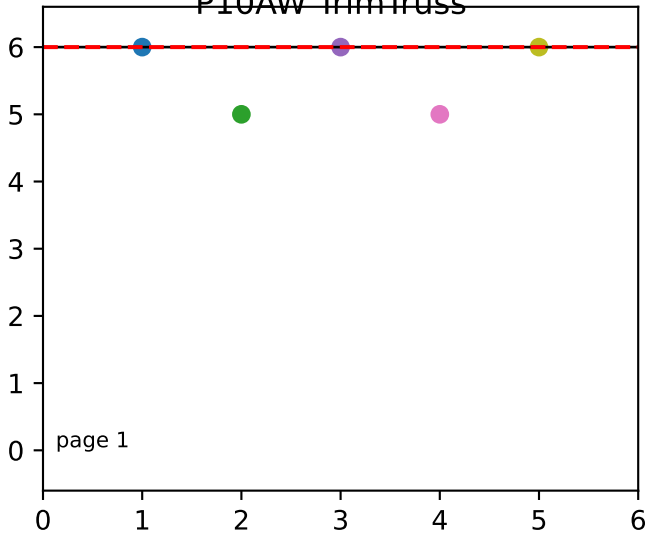


Phenotype Data Analysis Plots
PhenoData day range = 18 - 168
Analysis cutoff day = 168
NC11 P10
2026-04-05 (Day 169)

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

P10AW

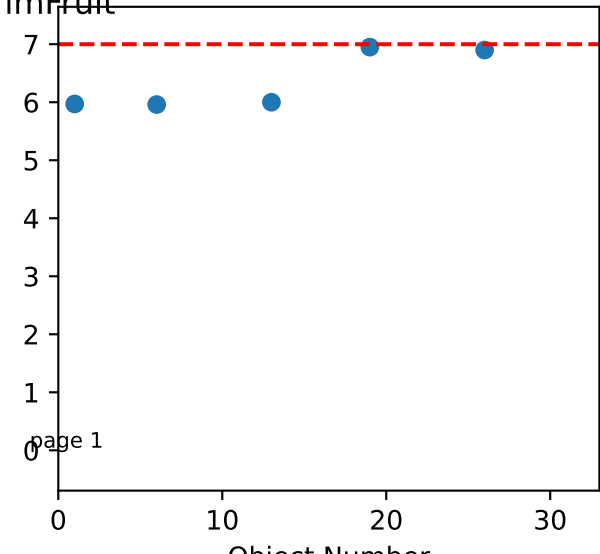
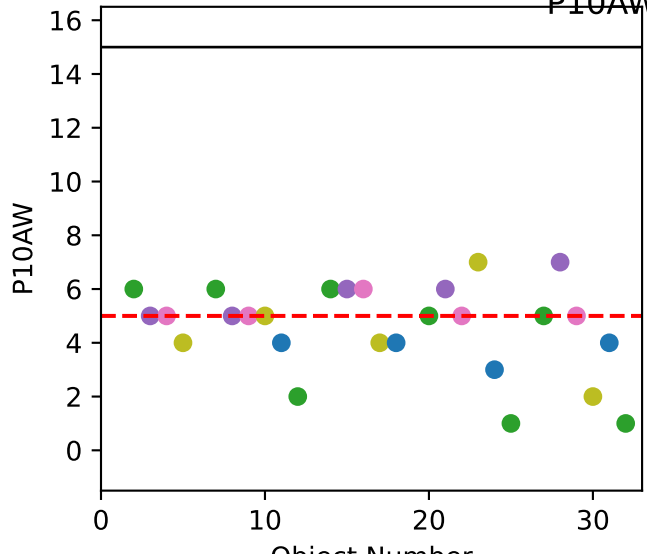


page 1

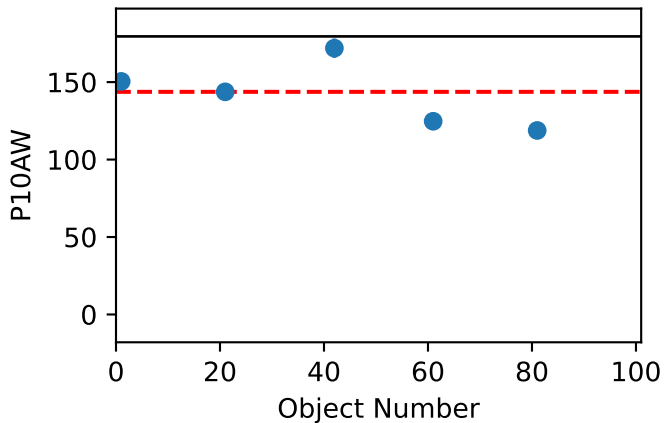
avg1=5.0~32% avgz=na

P10AW TrimFruit

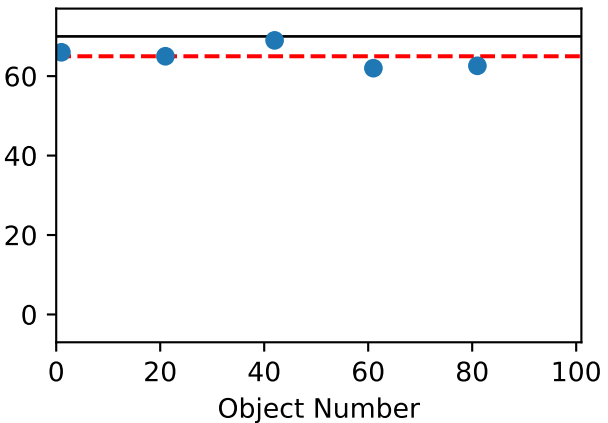
avg1=7.0~8% avgz=na



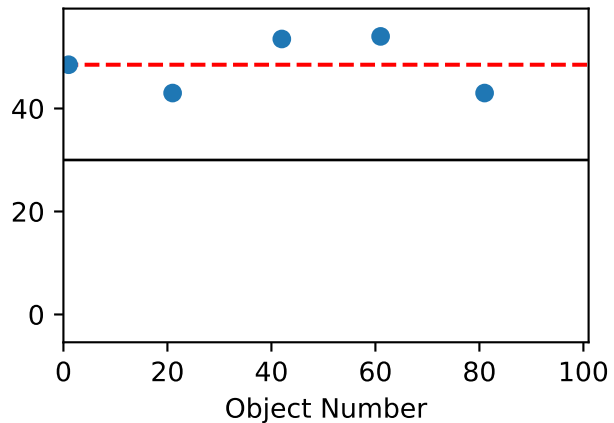
FlV_Q90AbsY (Def=179.5 Set=143.72)
avg1=143.72~15% avg2=na



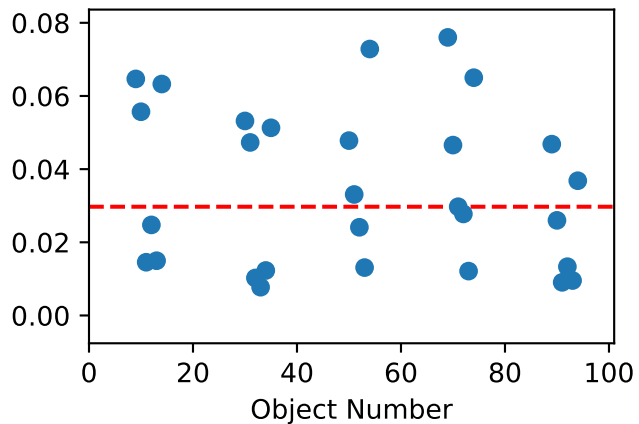
FlD_Q90AbsY (Def=70 Set=65.0)
avg1=65.0~4% avg2=na



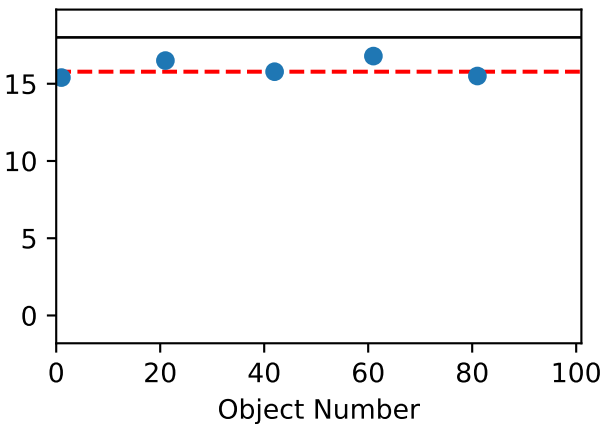
LfV_Q90AbsY (Def=50 Set=48.5)
avg1=48.5~11% avg2=na



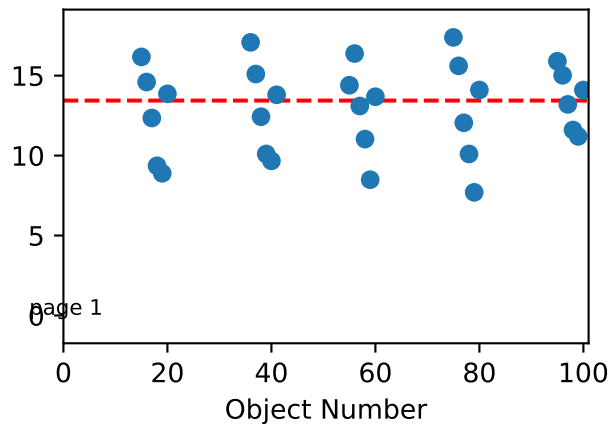
LfA_avgAbsY (Def=na Set=0.03)
avg1=0.03~73% avg2=na



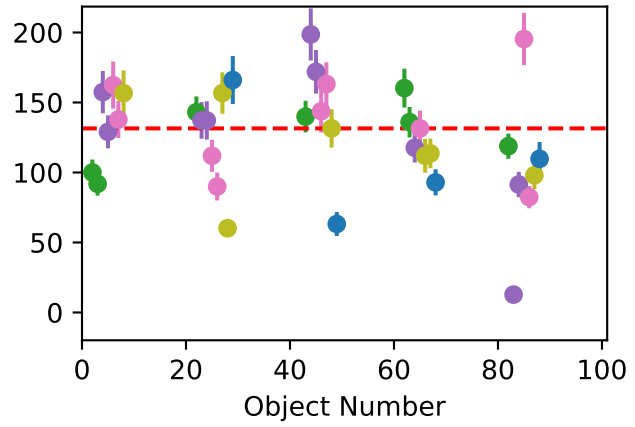
NdD_Q90AbsY (Def=18 Set=15.78)
avg1=15.78~4% avg2=na



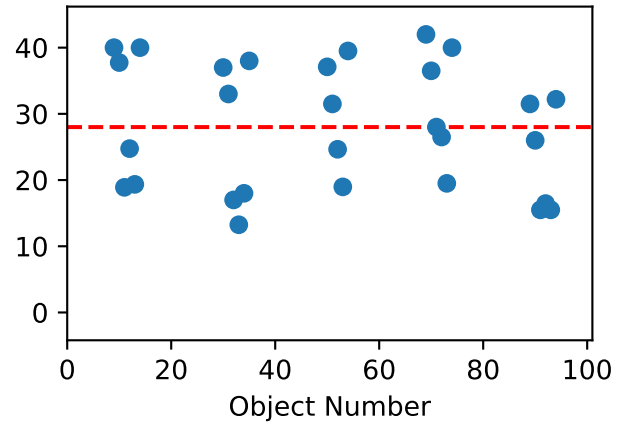
NdD_avgAbsY (Def=na Set=13.44)
avg1=13.44~20% avg2=na



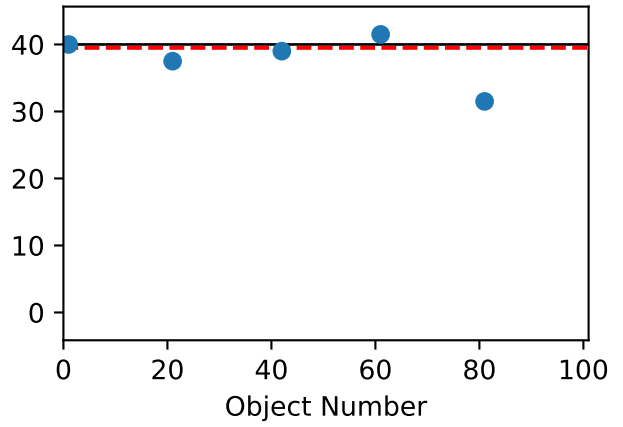
FrV_avgAbsY (Def=na Set=131.49)
avg1=131.49~26% avg2=na



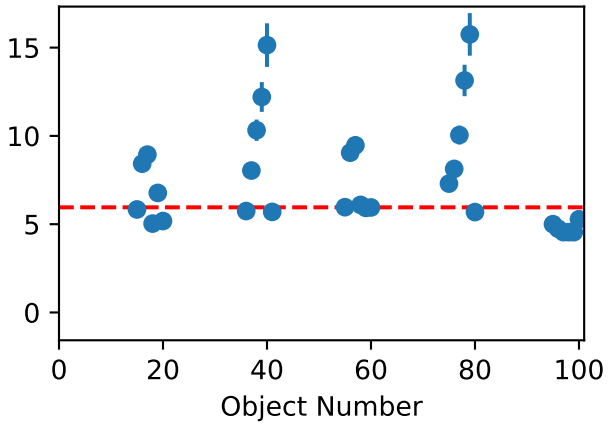
LfL_avgAbsY (Def=na Set=28.0)
avg1=28.0~24% avg2=na



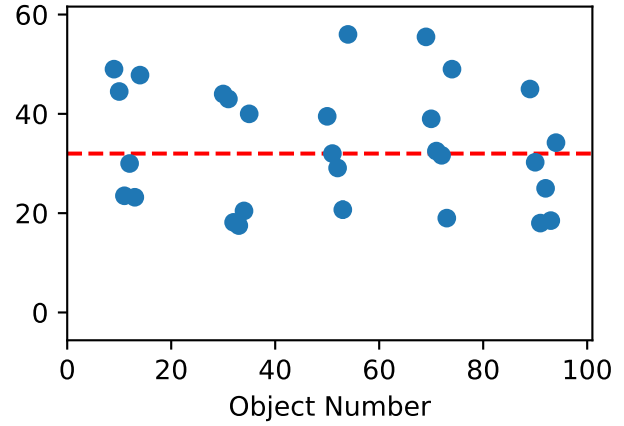
LfL_Q90AbsY (Def=40 Set=39.5)
avg1=39.5~4% avg2=na



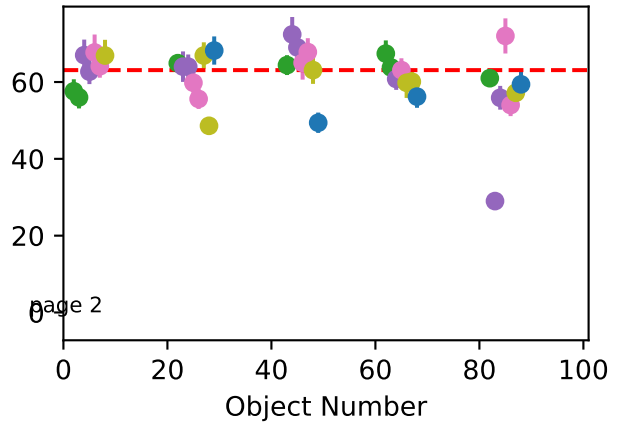
NdL_avgAbsY (Def=na Set=5.95)
avg1=5.95~40% avg2=na



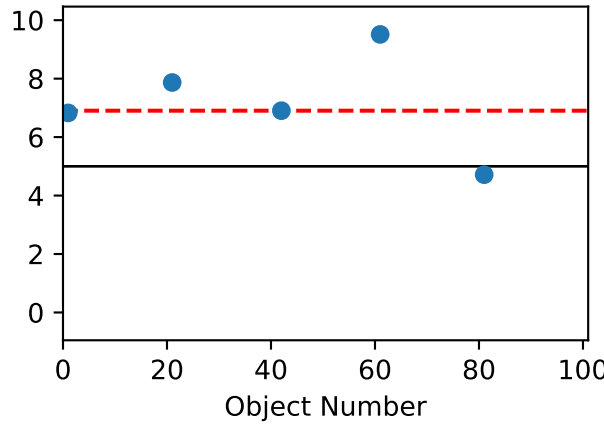
LfW_avgAbsY (Def=na Set=32.0)
avg1=32.0~38% avg2=na



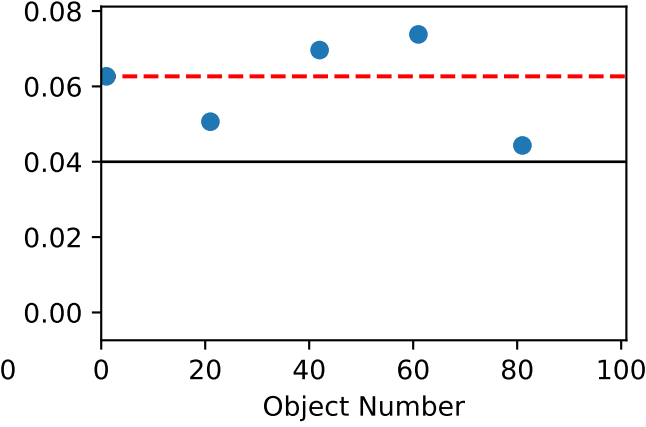
FrD_avgAbsY (Def=na Set=63.1)
avg1=63.1~9% avg2=na



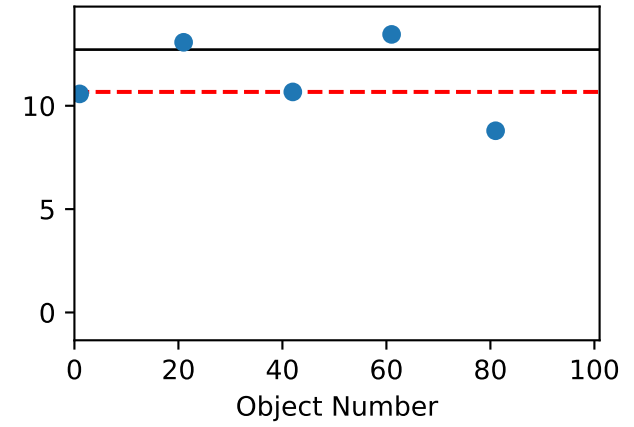
NdL_Q90AbsY (Def=5 Set=6.9)
avg1=6.9~8% avg2=na



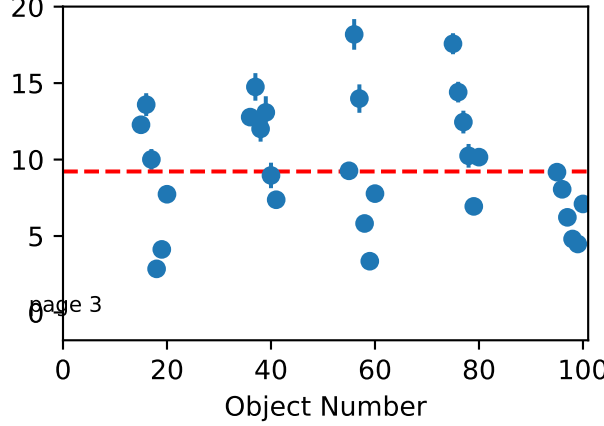
LIA_Q90AbsY (Def=0.04 Set=0.06)
avg1=0.06~20% avg2=na



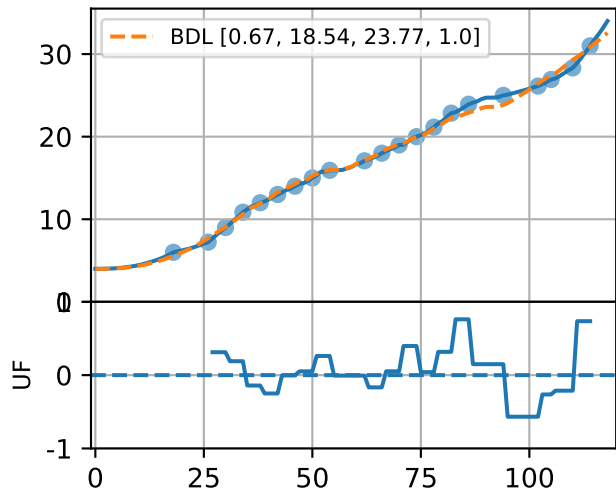
Ndv_Q90AbsY (Def=12.72 Set=10.67)
avg1=10.67~18% avg2=na



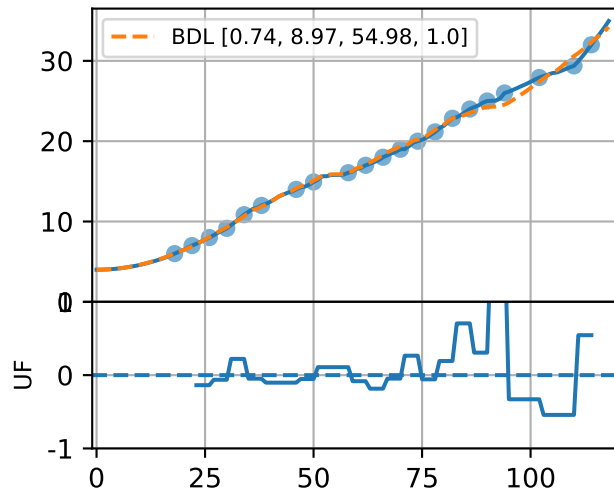
NdV_avgAbsY (Def=na Set=9.22)
avg1=9.22~44% avg2=na



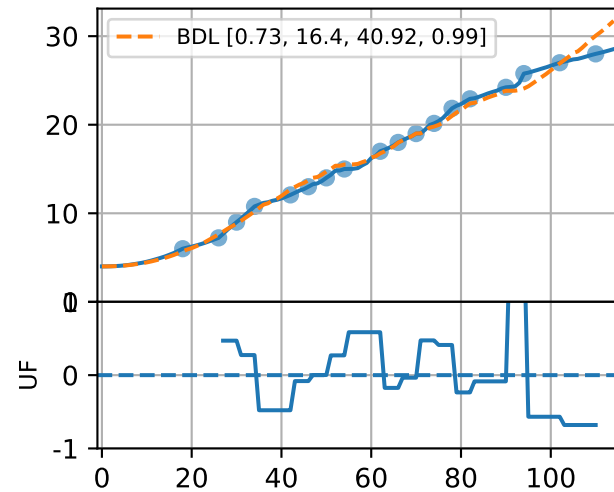
P10AW-004-12 (fit failed)



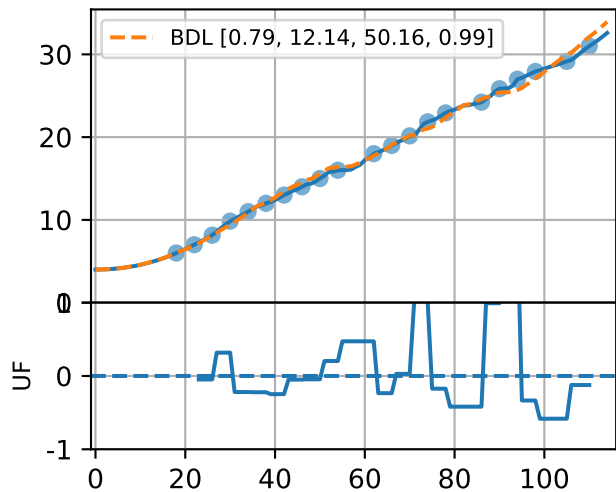
P10AW-010-25 (fit failed)



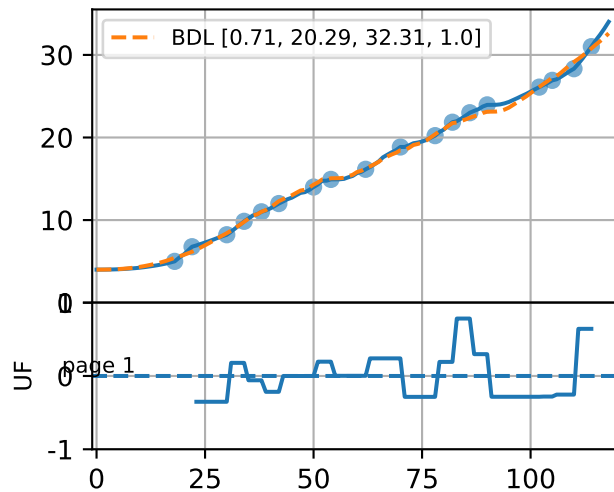
P10AW-017-16 (fit failed)



P10AW-025-3 (fit failed)

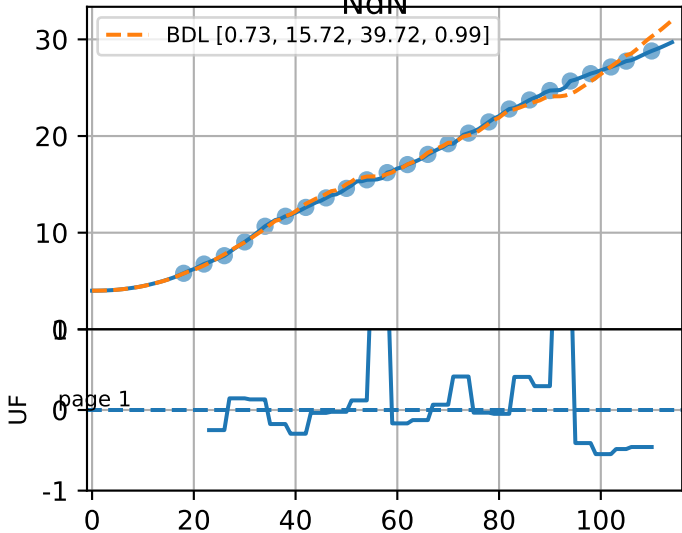


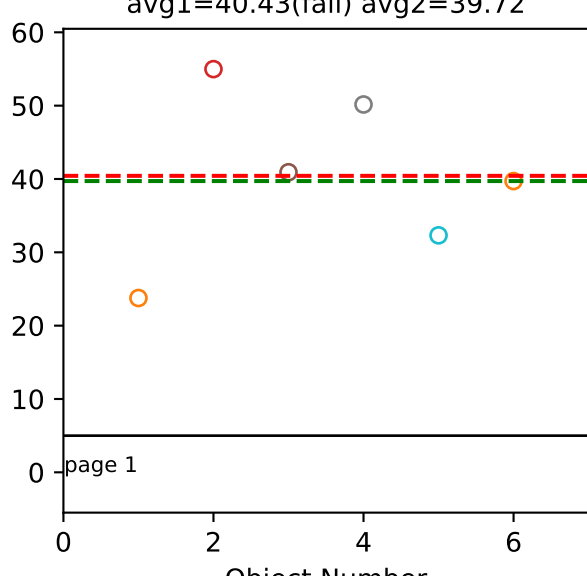
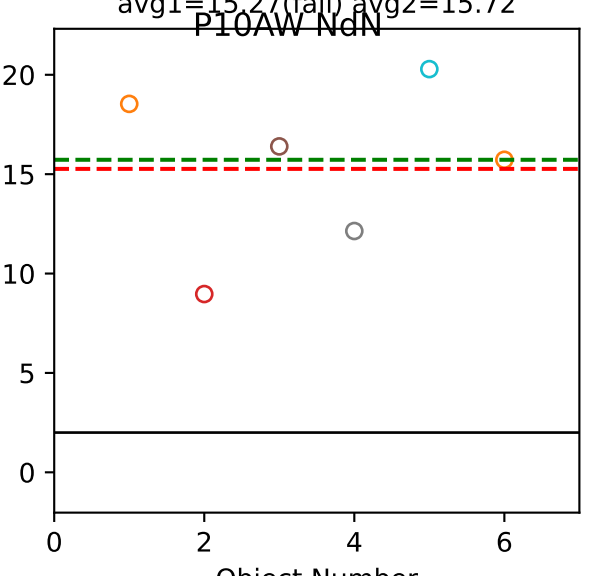
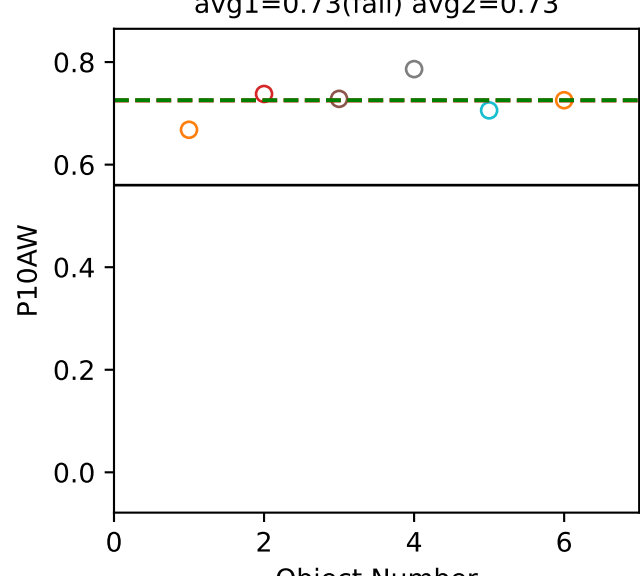
P10AW-032-33 (fit failed)

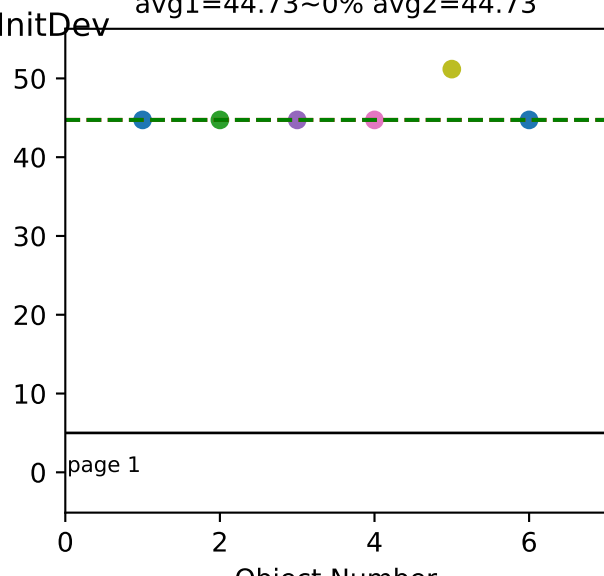
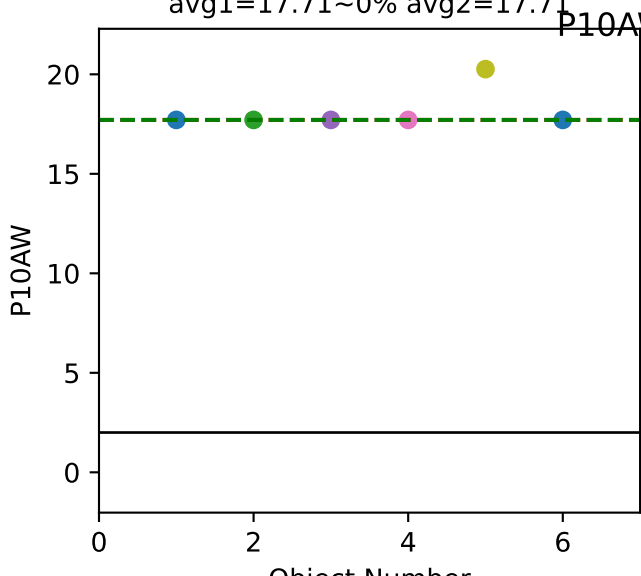


P10Aavg (fit failed)

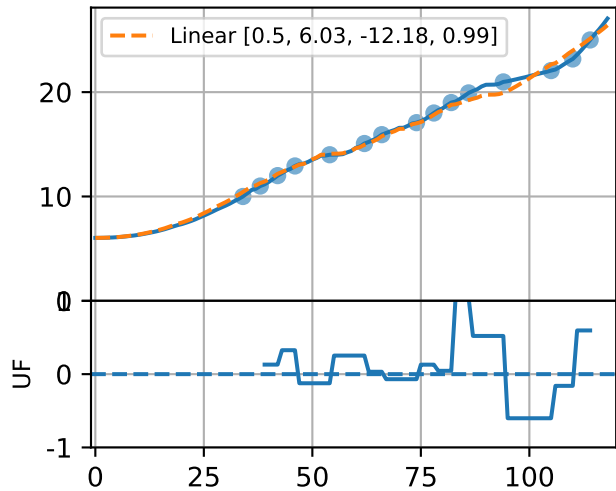
NaN



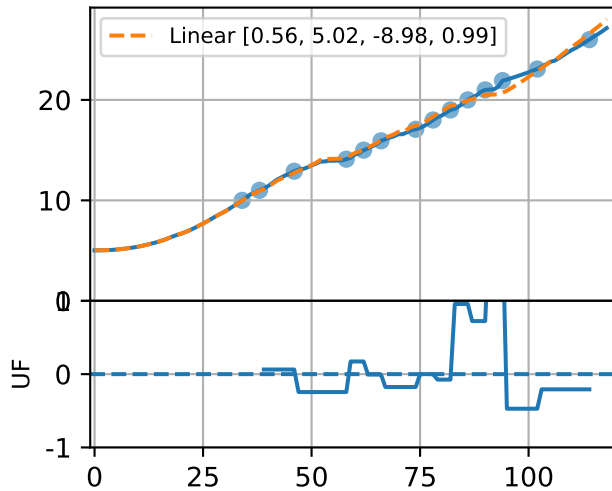




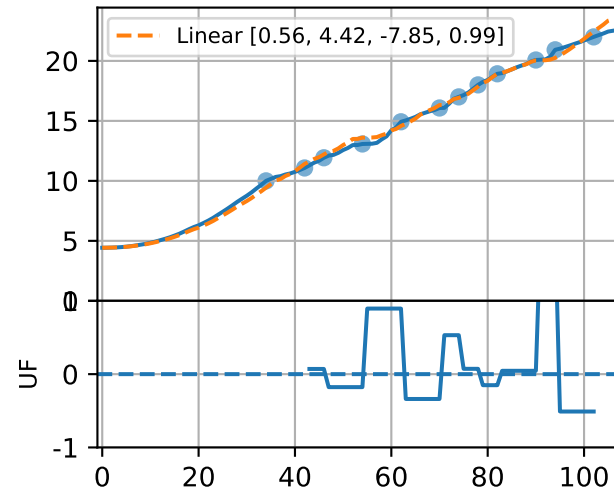
P10AW-004-12



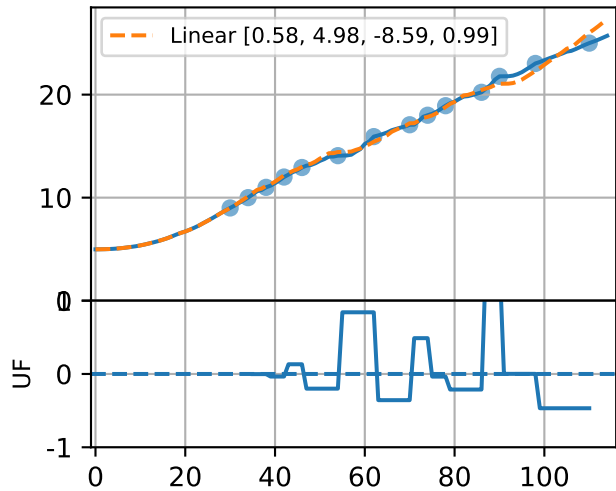
P10AW-010-25



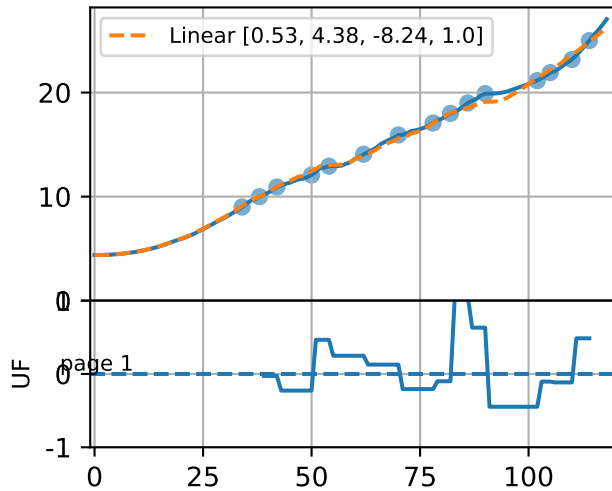
P10AW-017-16



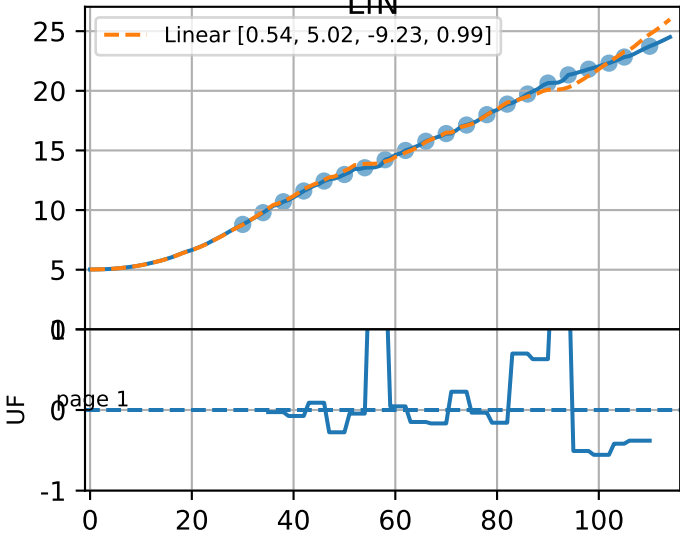
P10AW-025-3

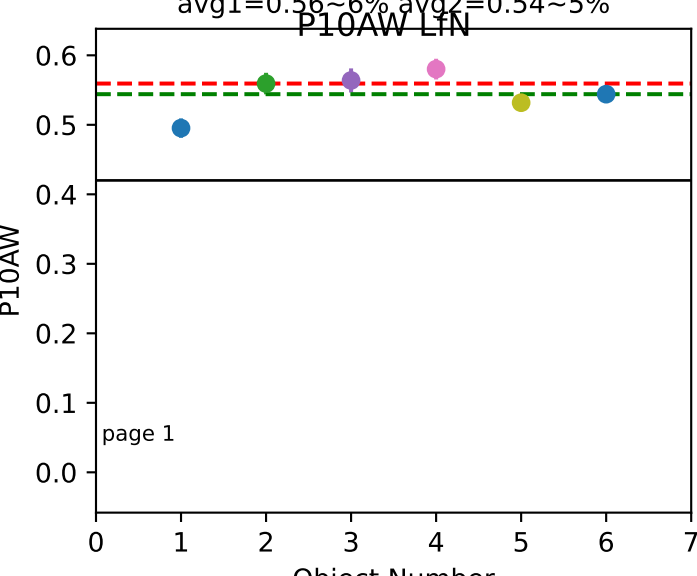


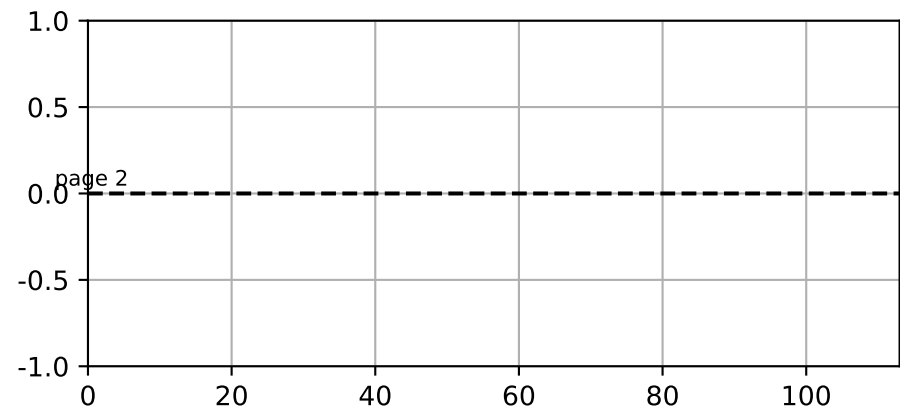
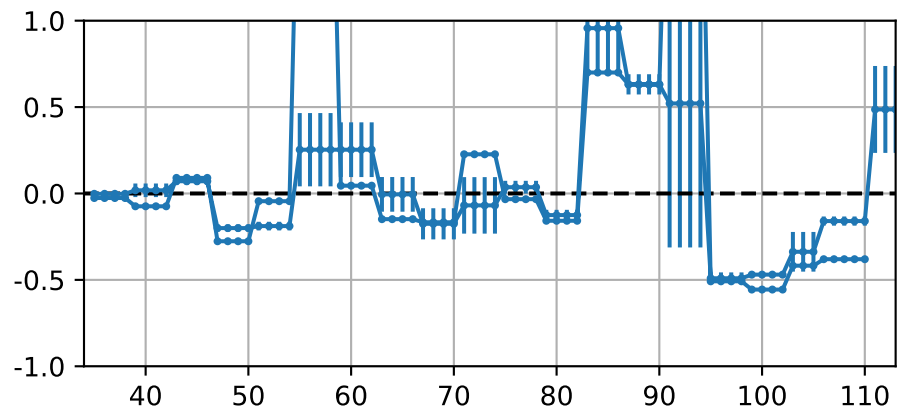
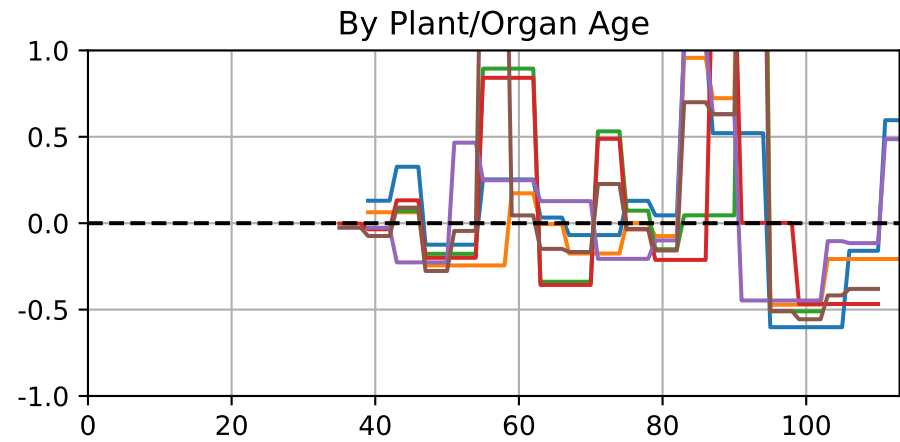
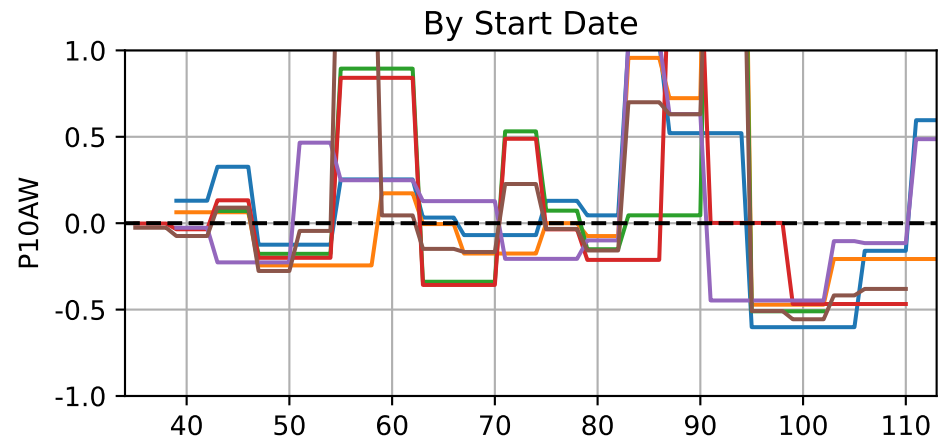
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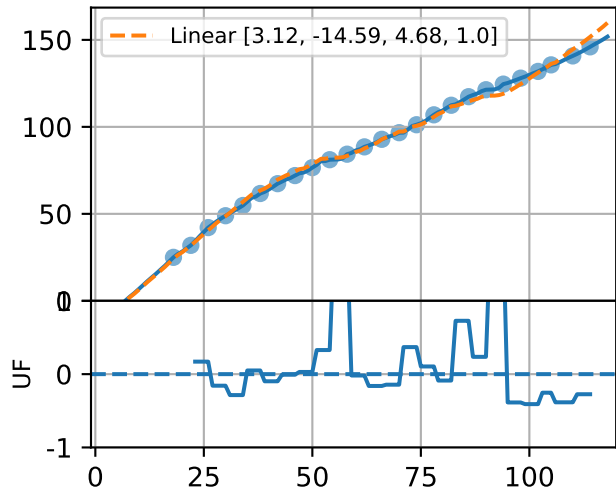
P10A wavg
LfN



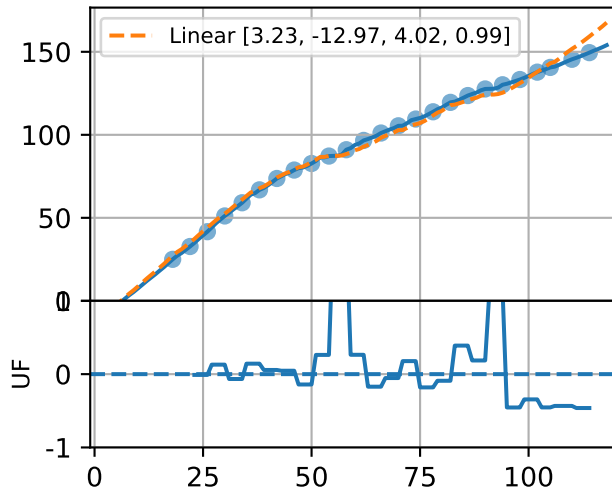




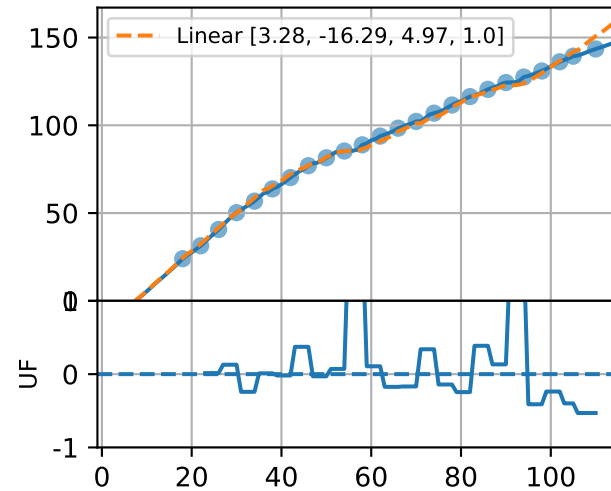
P10AW-004-12



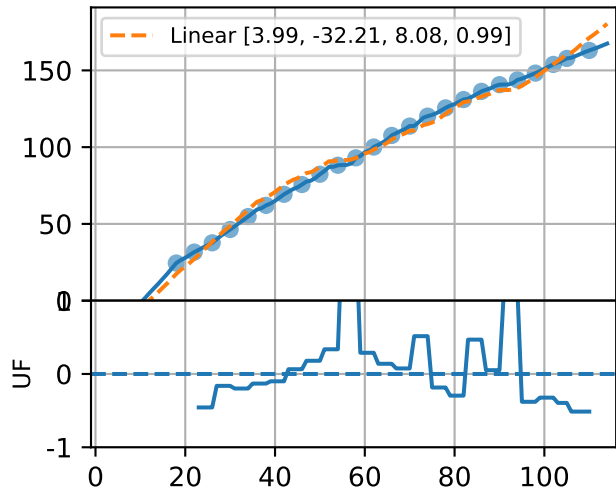
P10AW-010-25



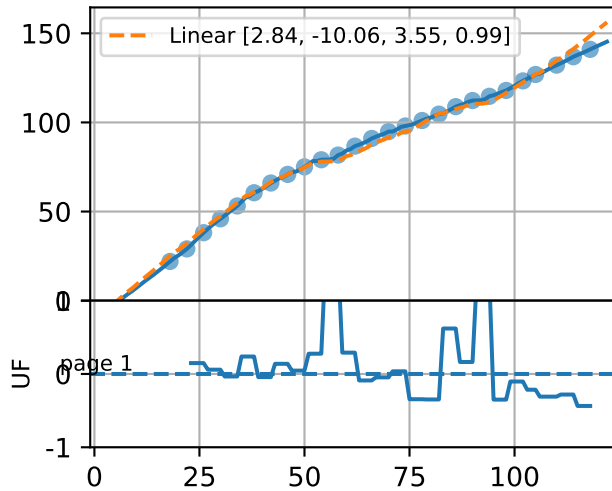
P10AW-017-16



P10AW-025-3



P10AW-032-33

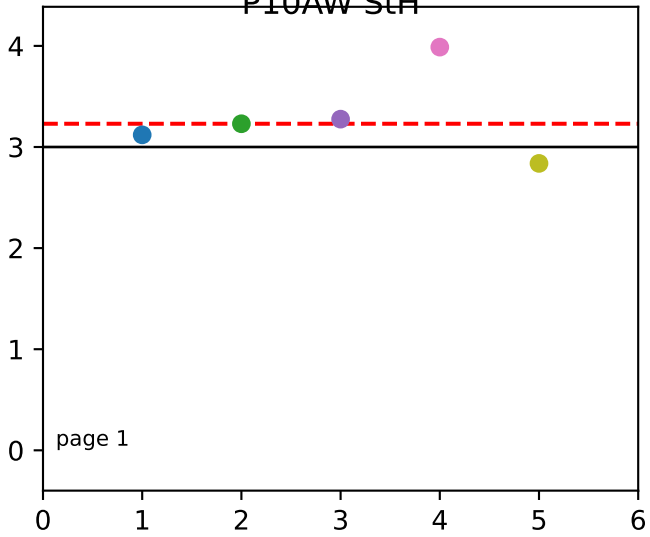


avg1=3.73~2% avg2=na

P10AW StH

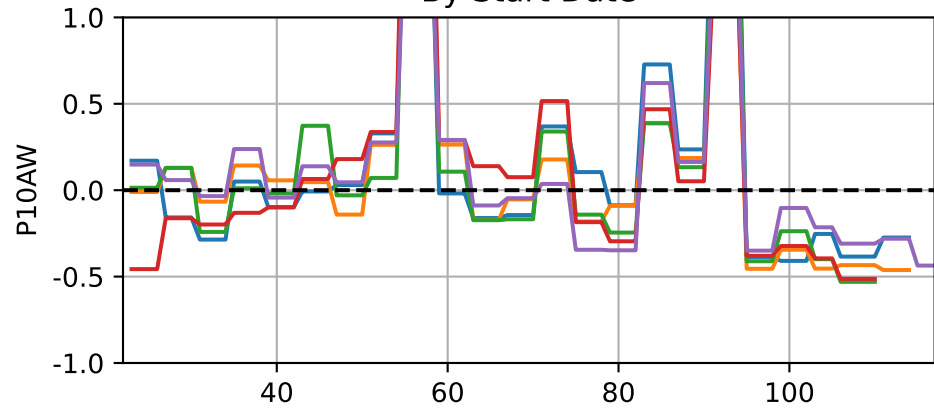
P10AW

page 1

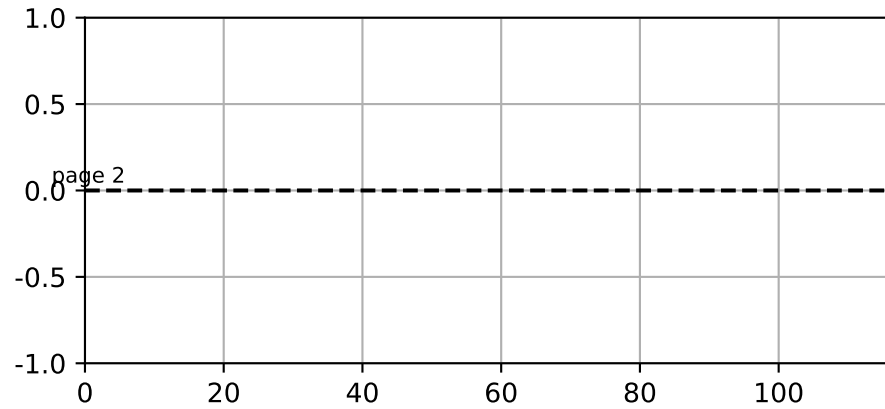
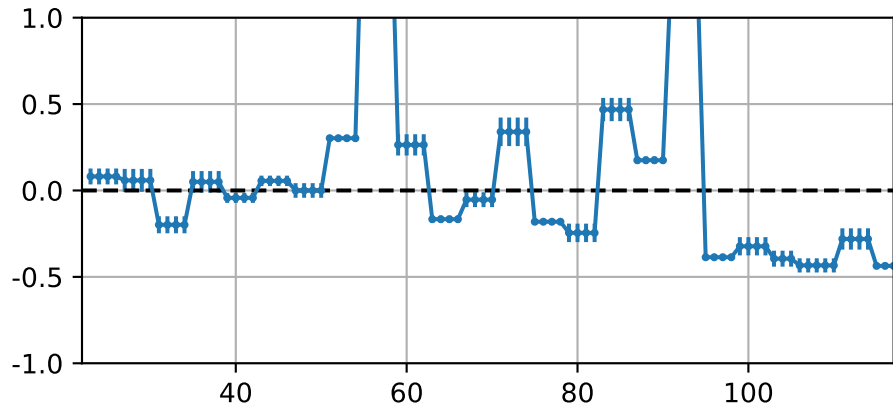
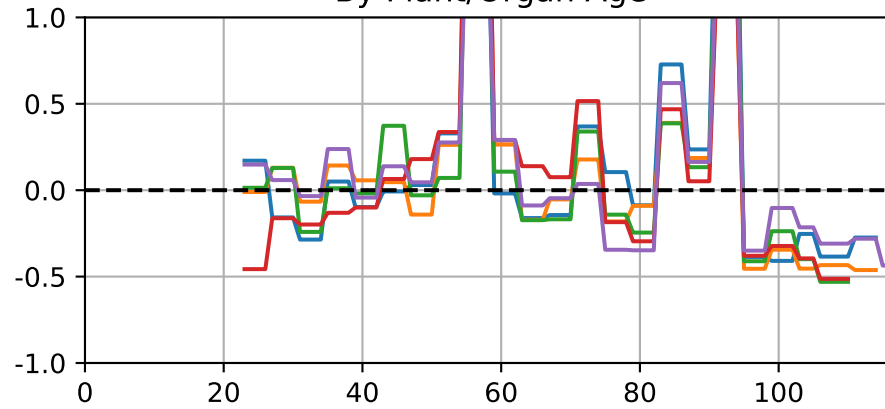


Object Number

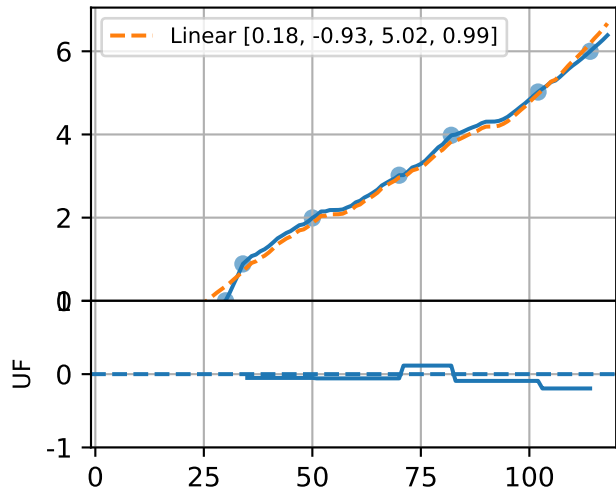
By Start Date



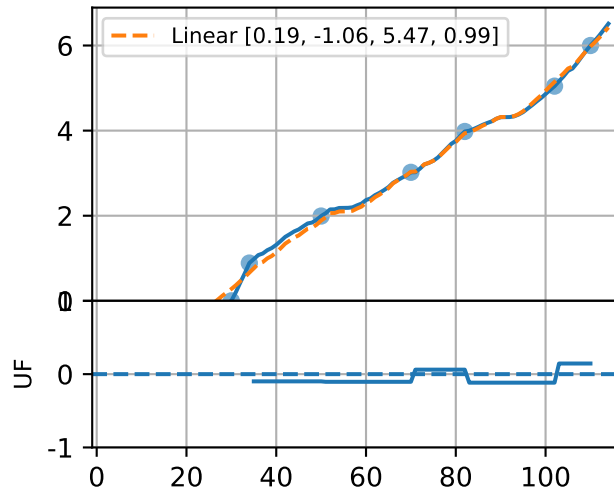
By Plant/Organ Age



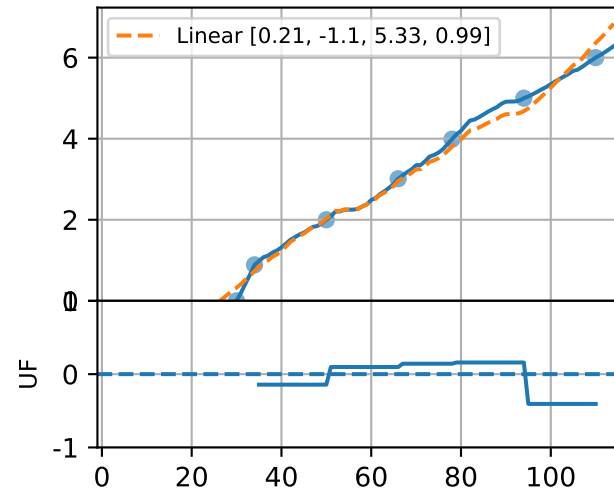
P10AW-004-12



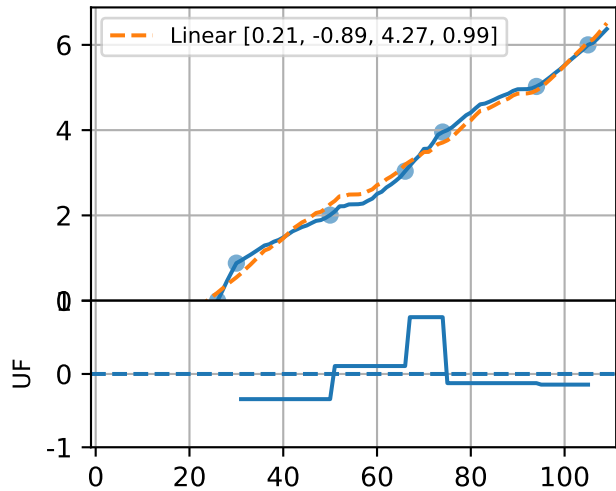
P10AW-010-25



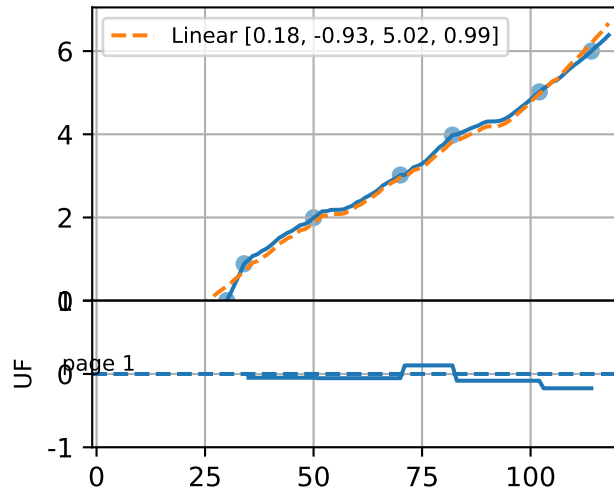
P10AW-017-16



P10AW-025-3

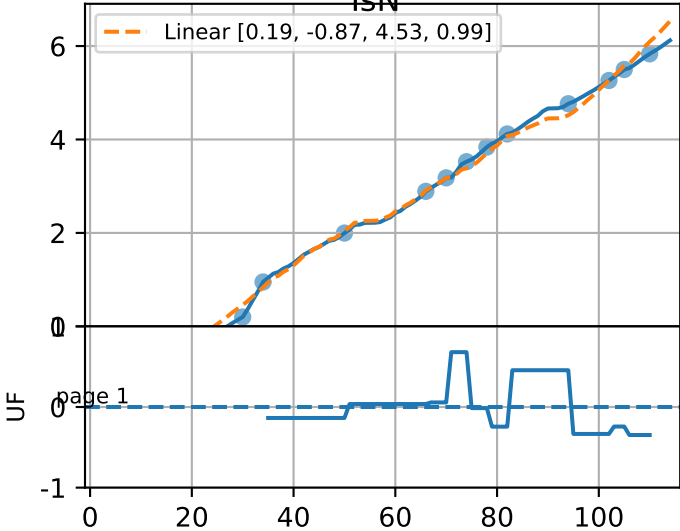


P10AW-032-33



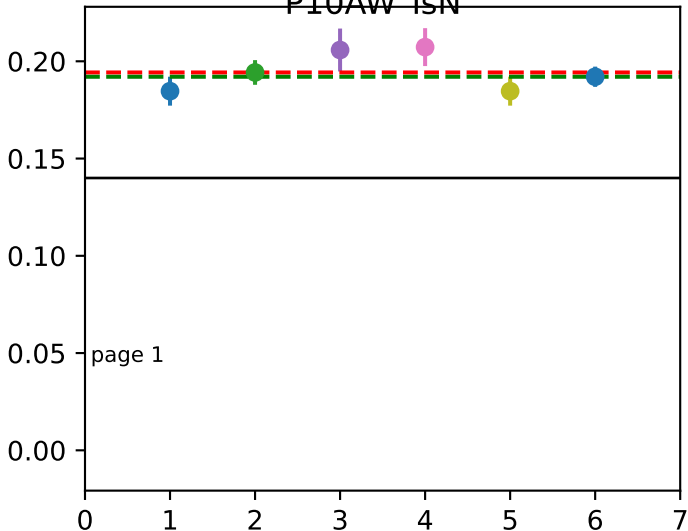
P10Awavg
ISN

Linear [0.19, -0.87, 4.53, 0.99]

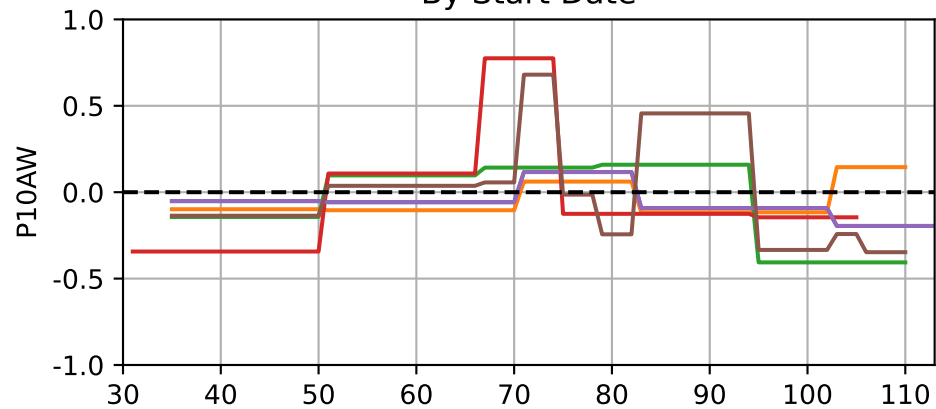


UF
page 1

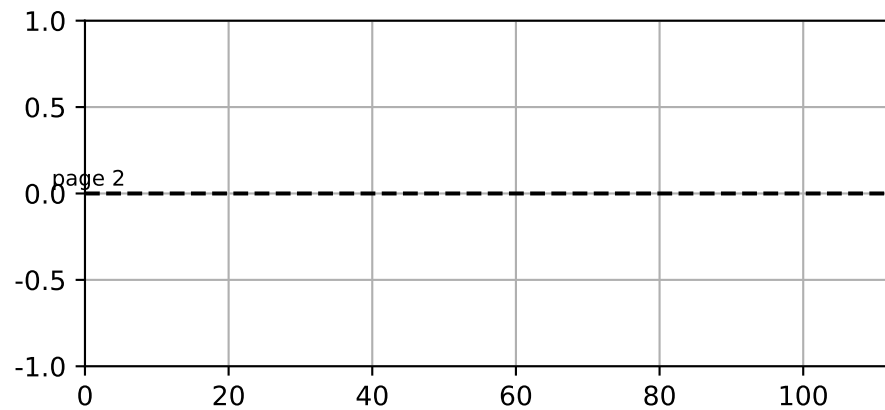
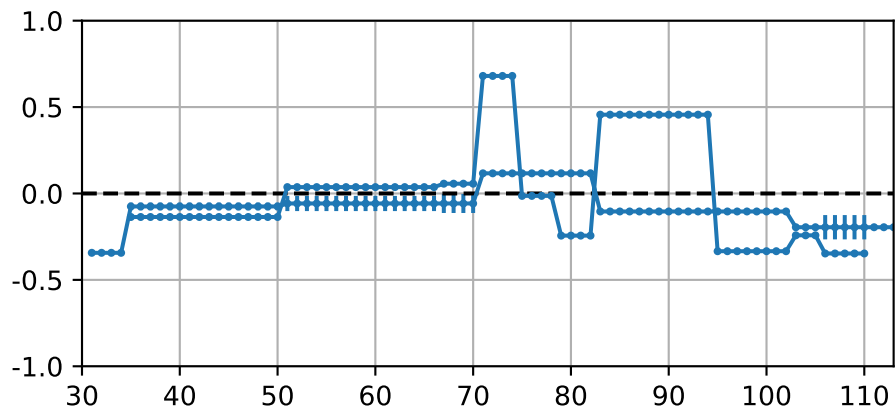
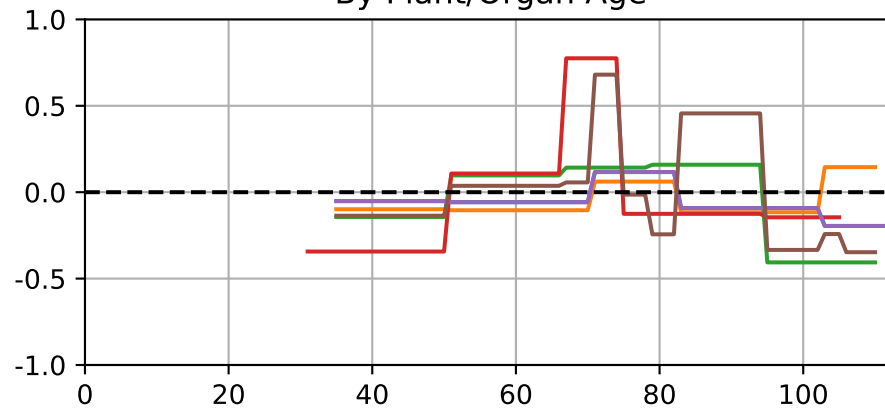
avg1=0.19~6% avg2=0.19~6%
P10AW TSN

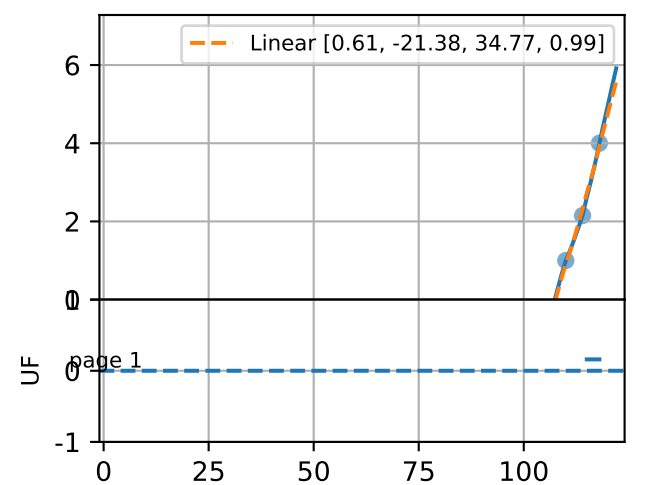
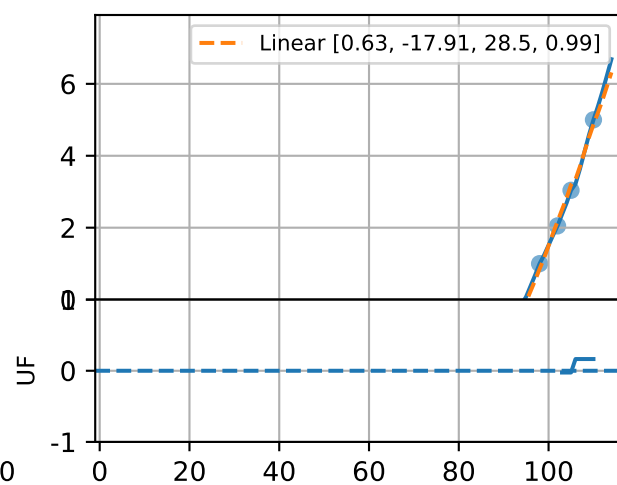
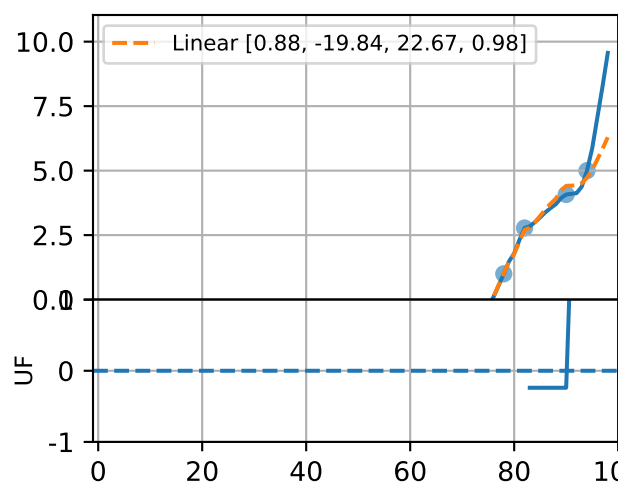
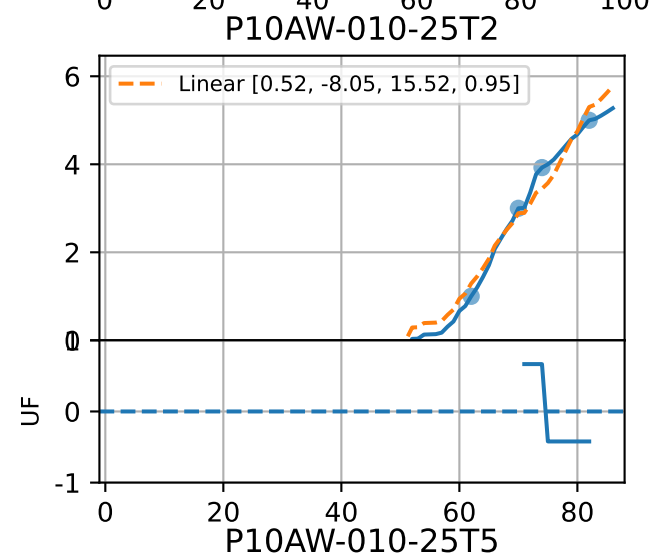
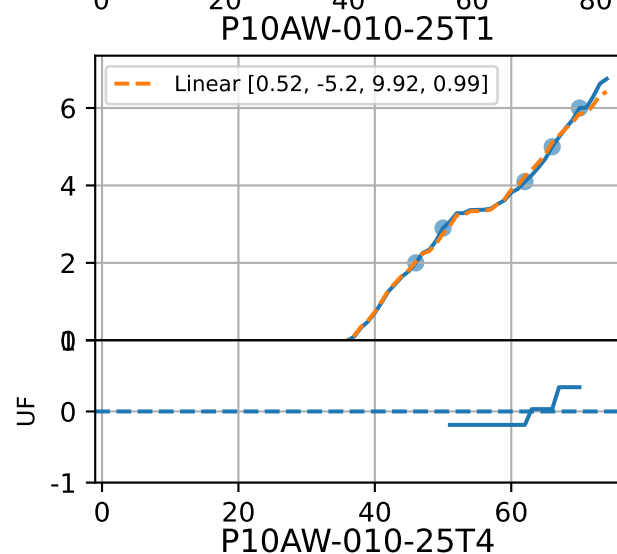
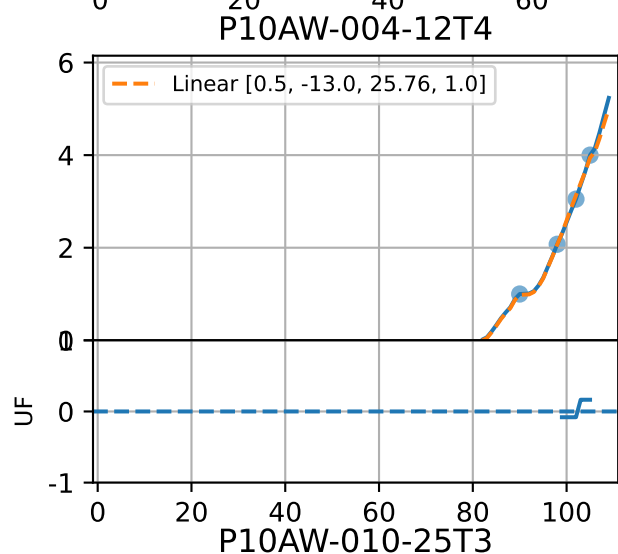
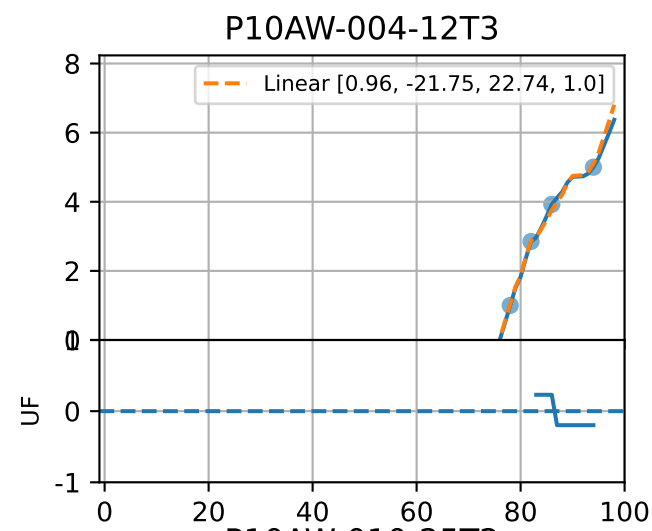
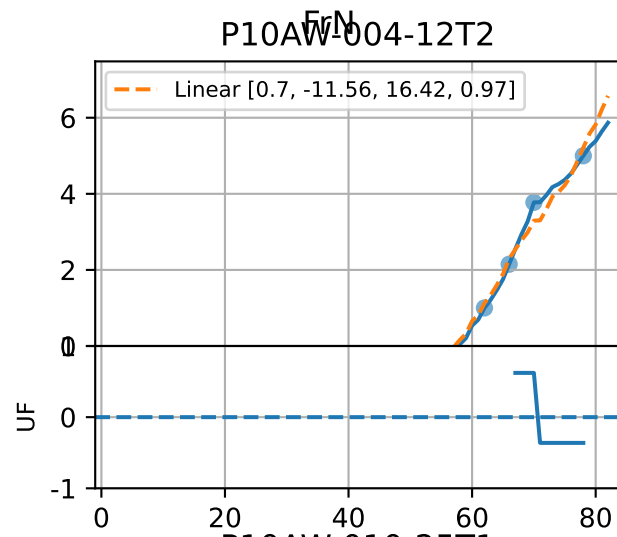
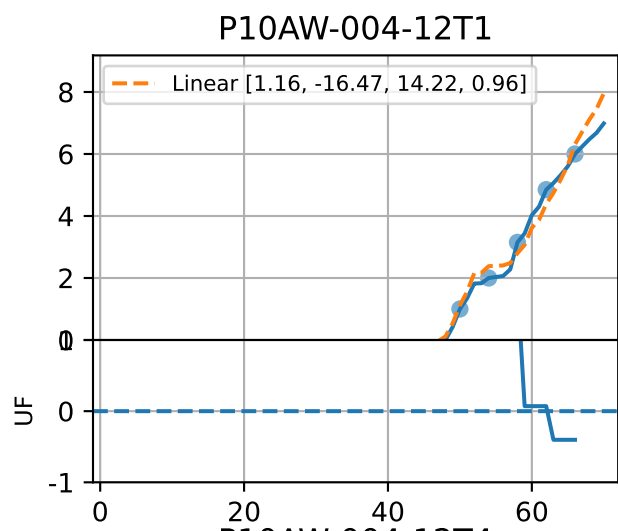


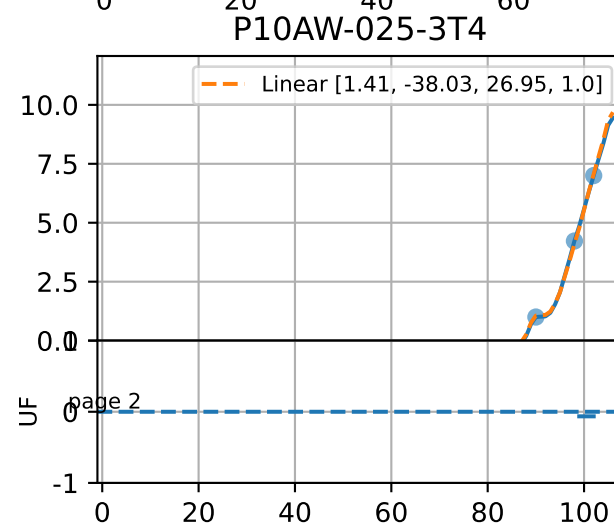
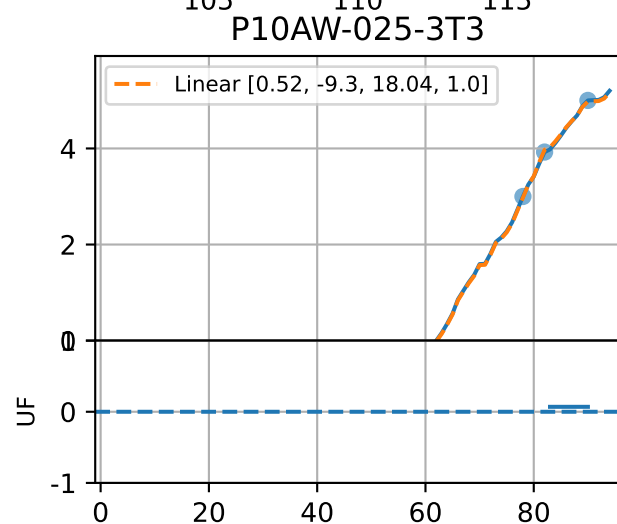
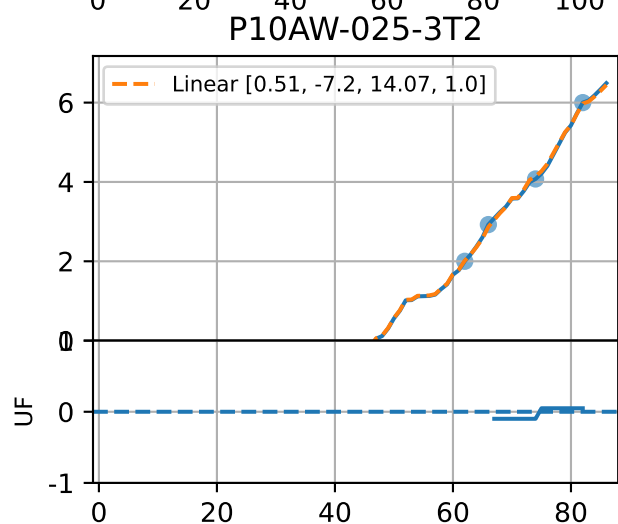
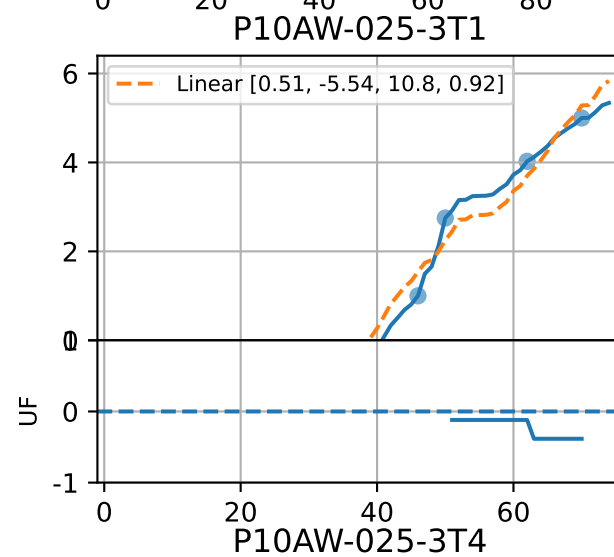
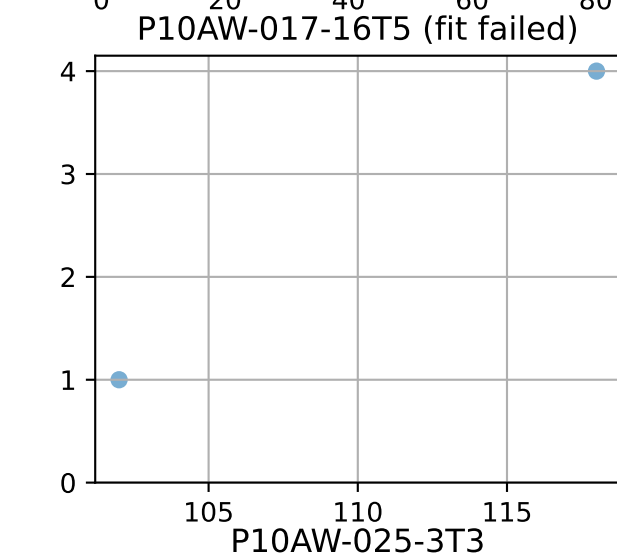
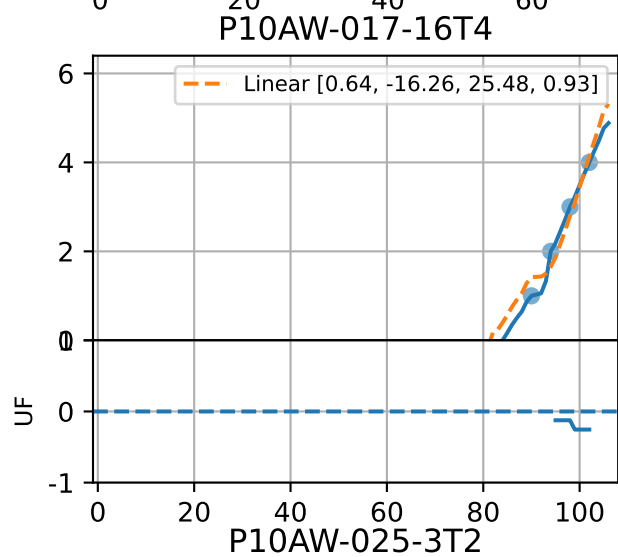
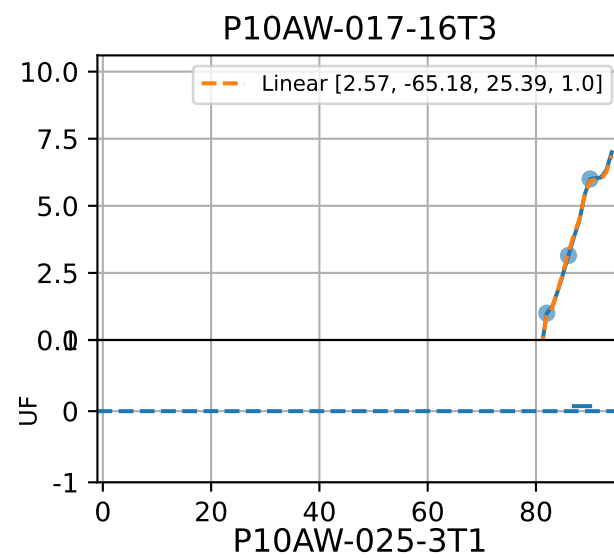
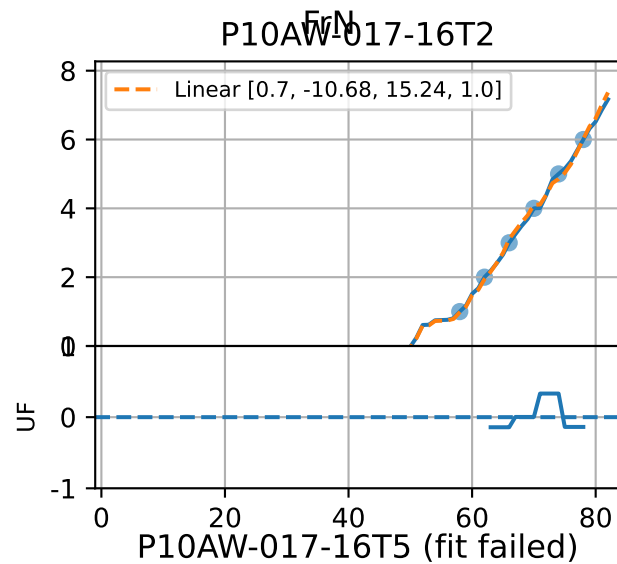
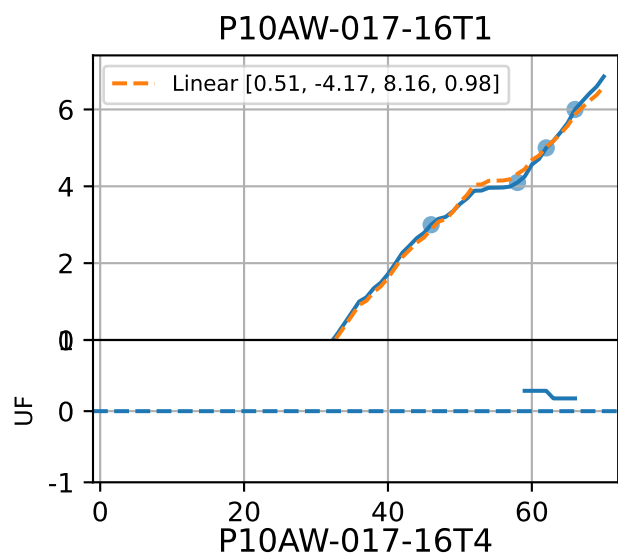
By Start Date



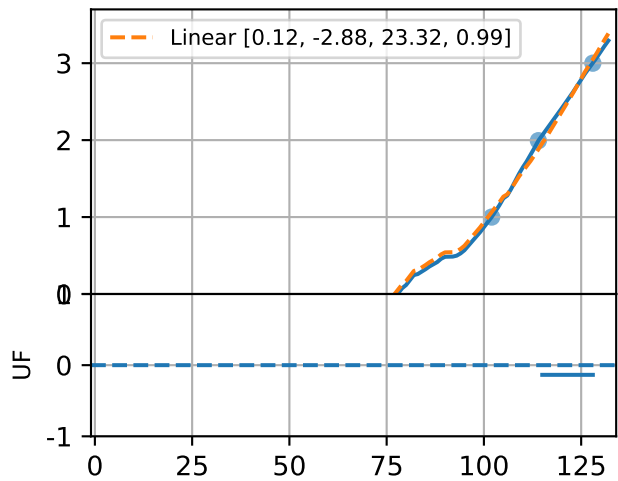
By Plant/Organ Age



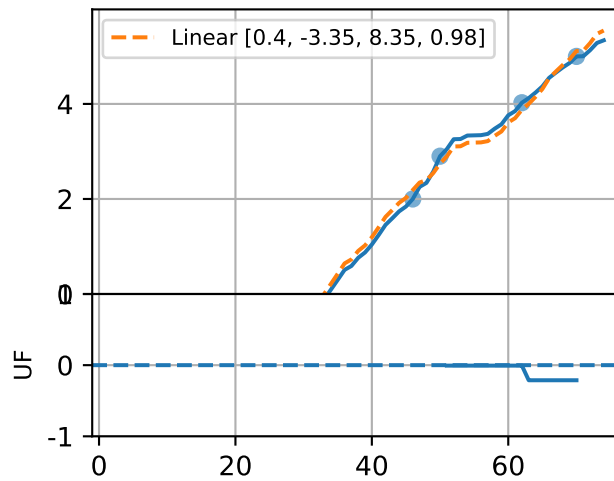




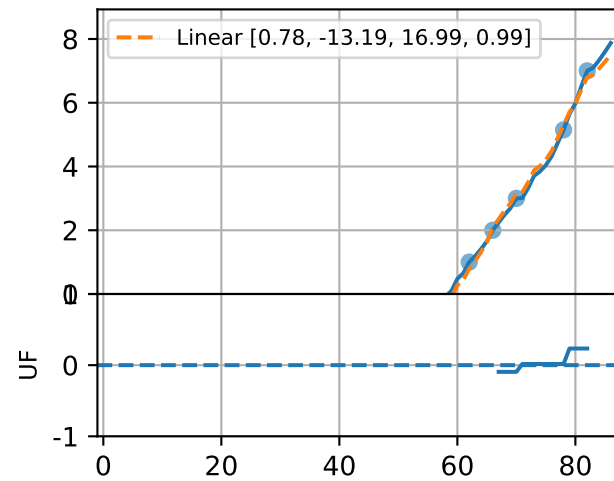
P10AW-025-3T5



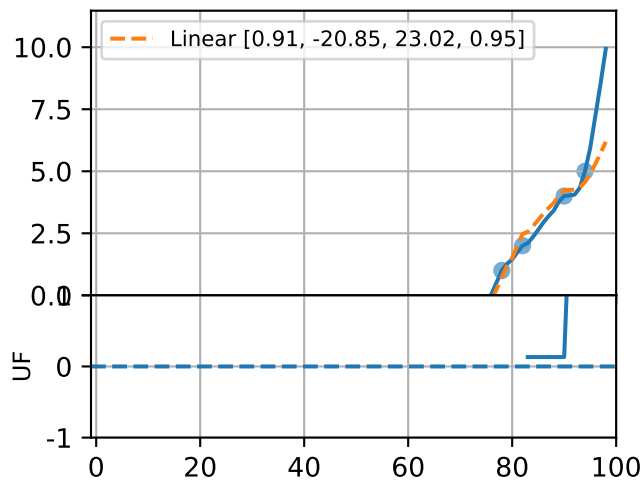
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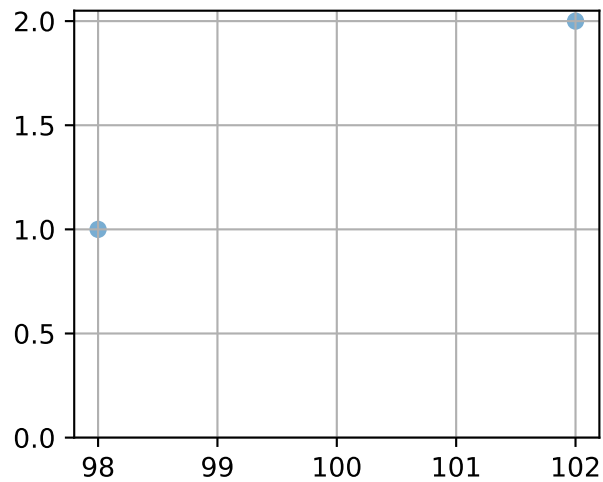
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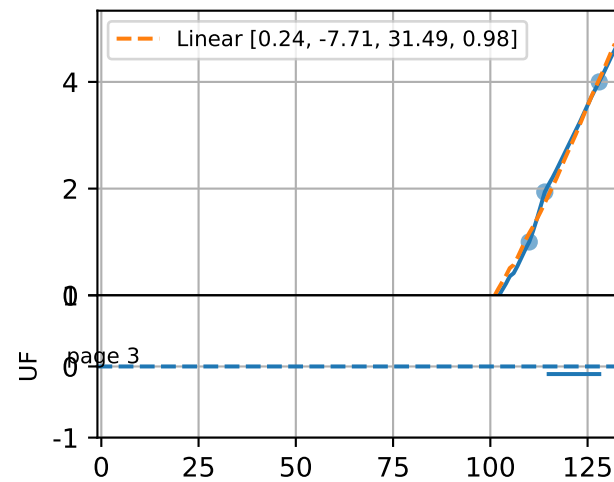
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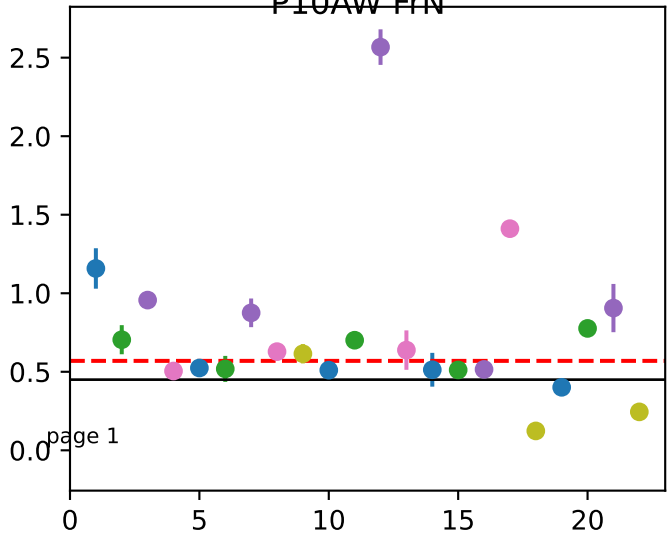


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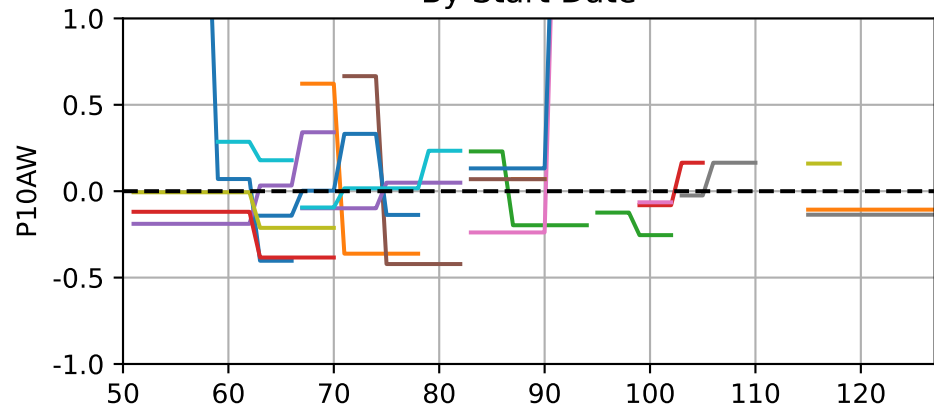
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P10AW FrN

P10AW

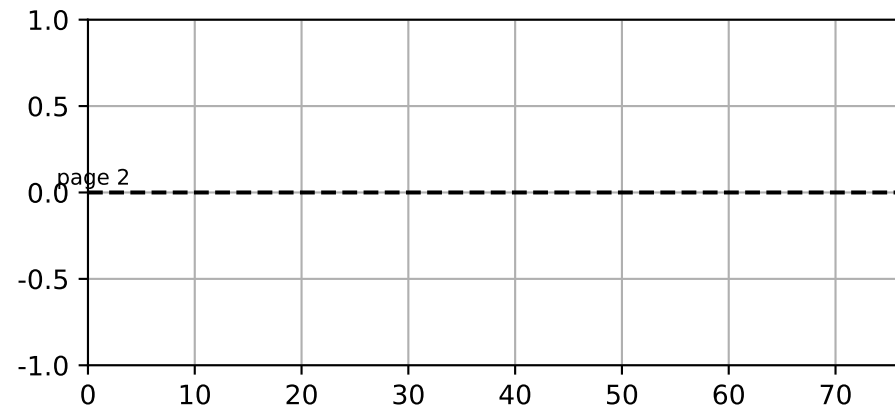
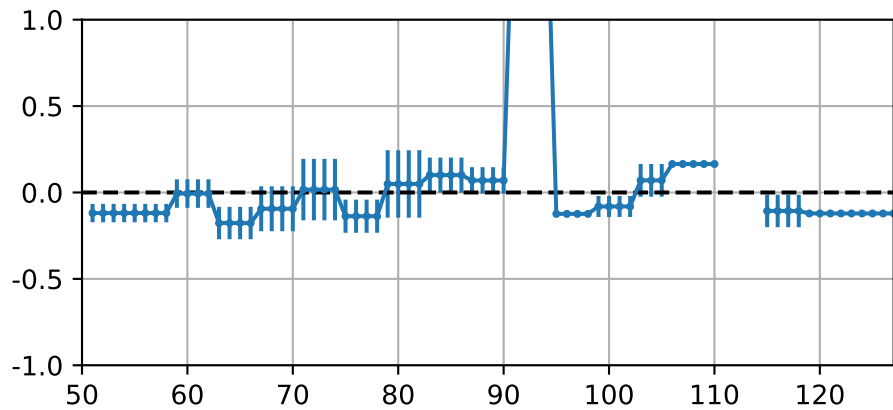
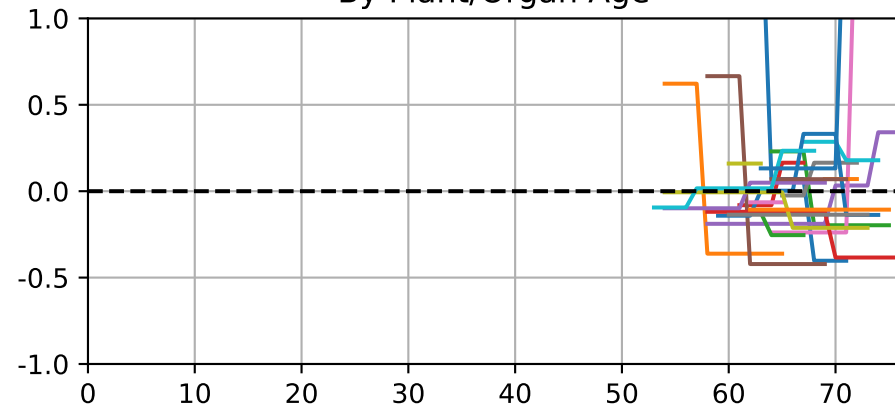


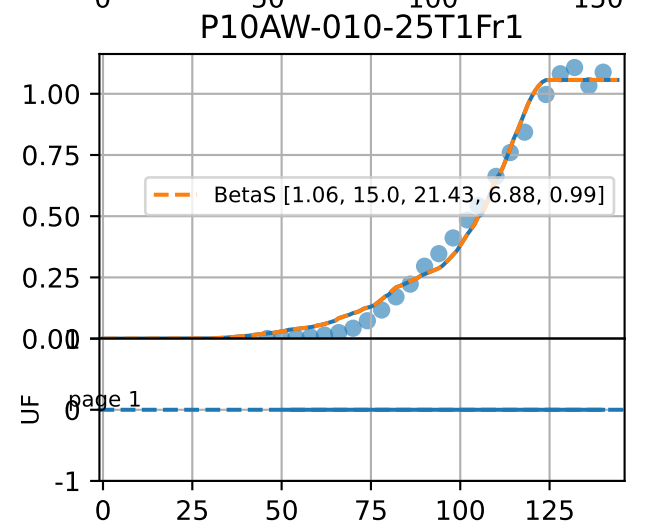
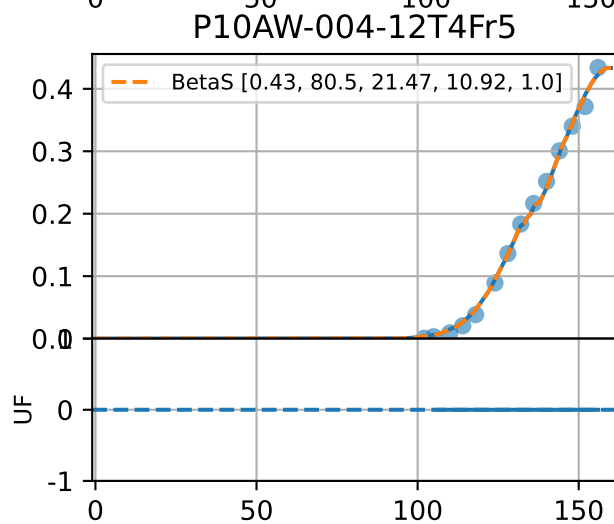
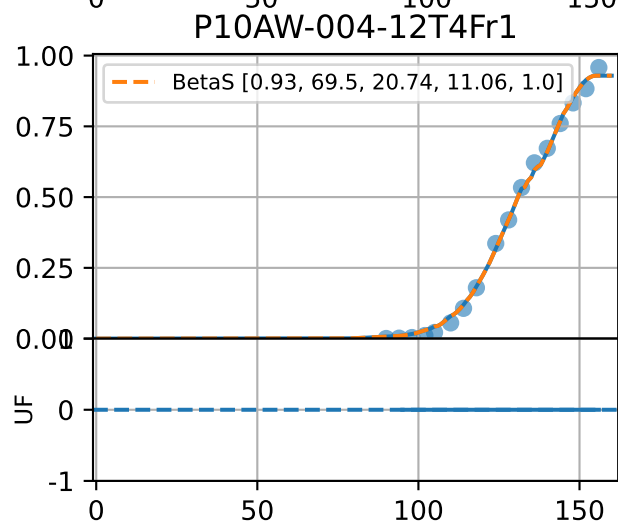
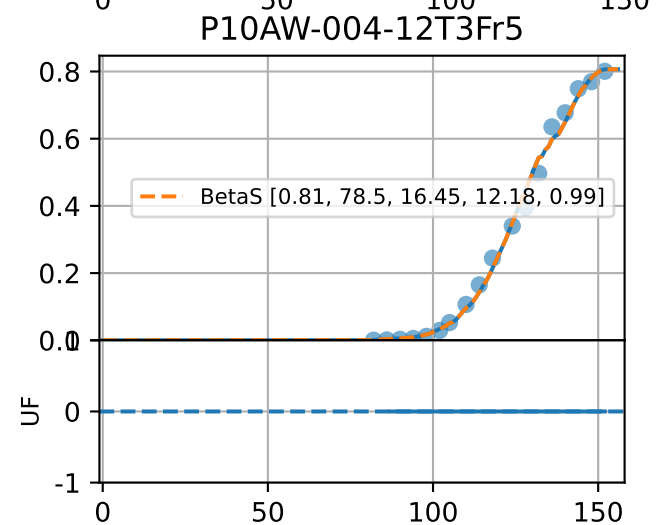
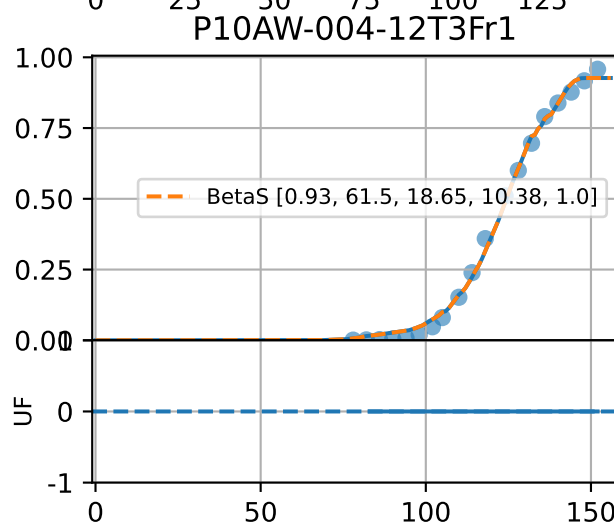
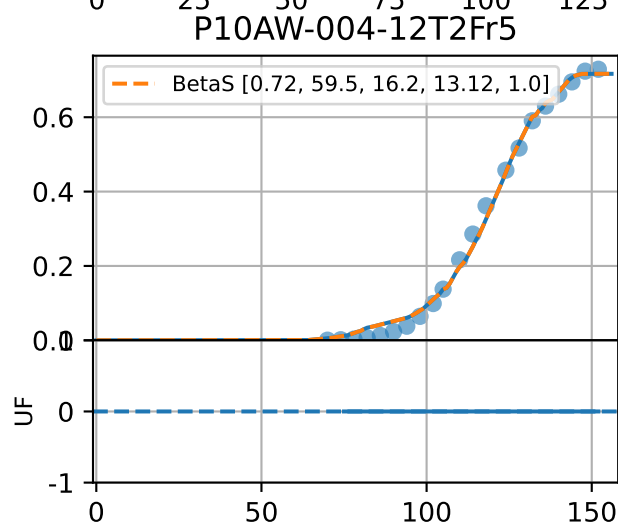
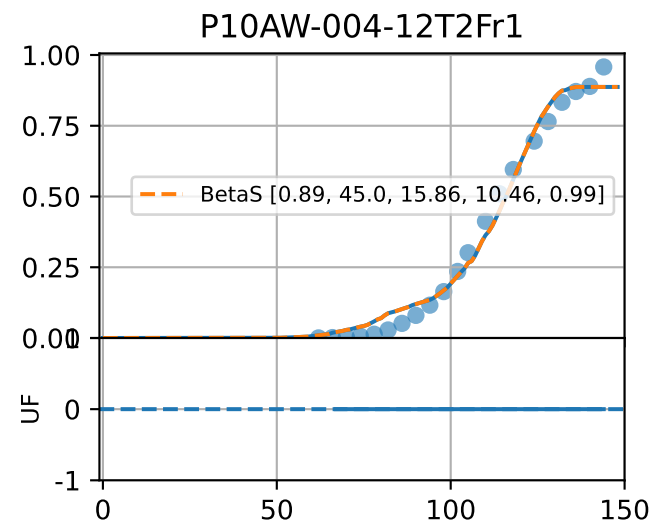
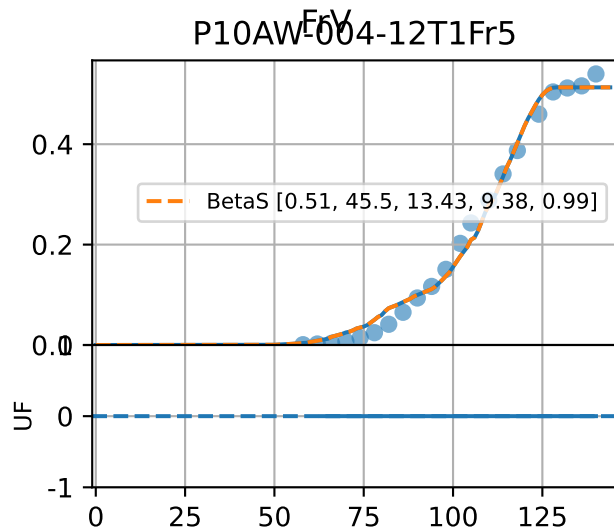
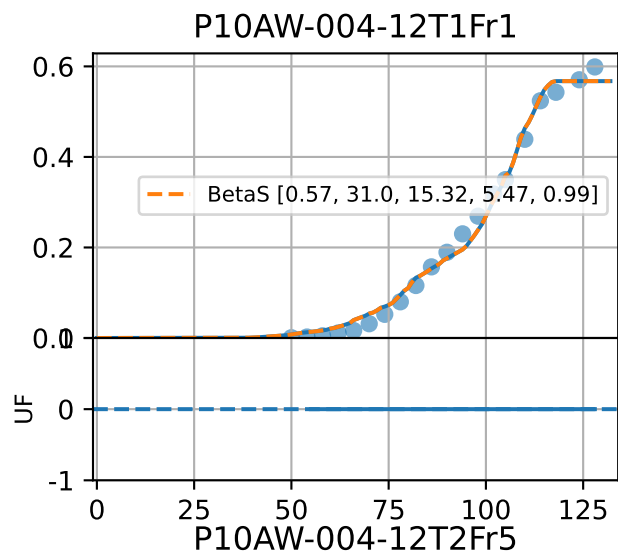
page 1

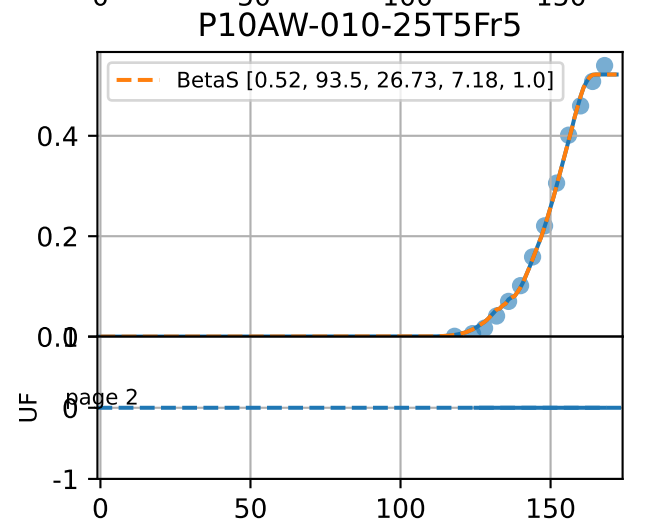
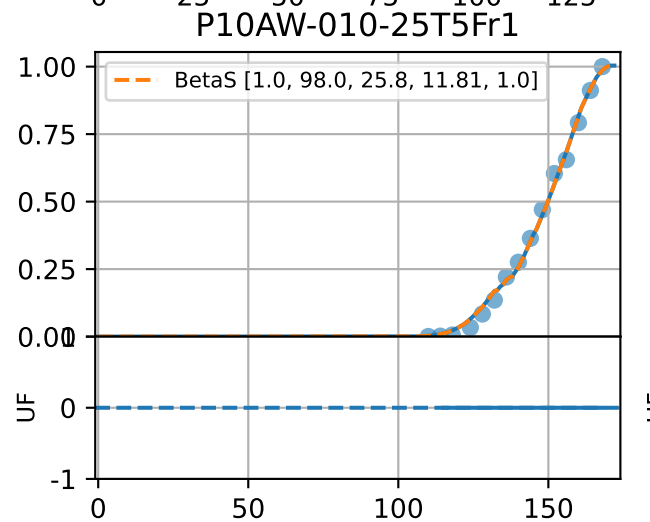
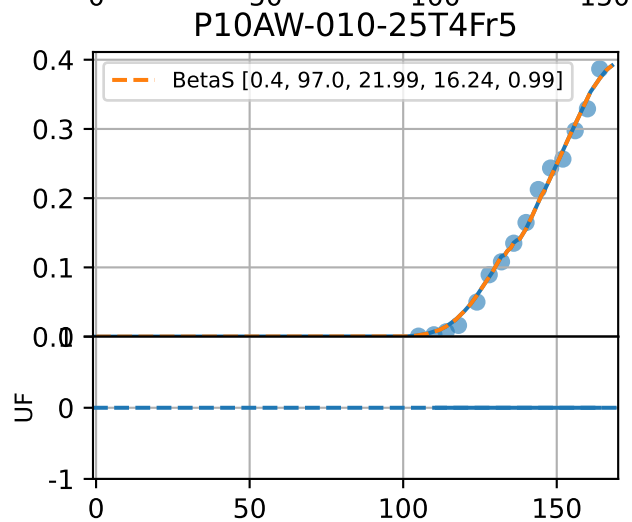
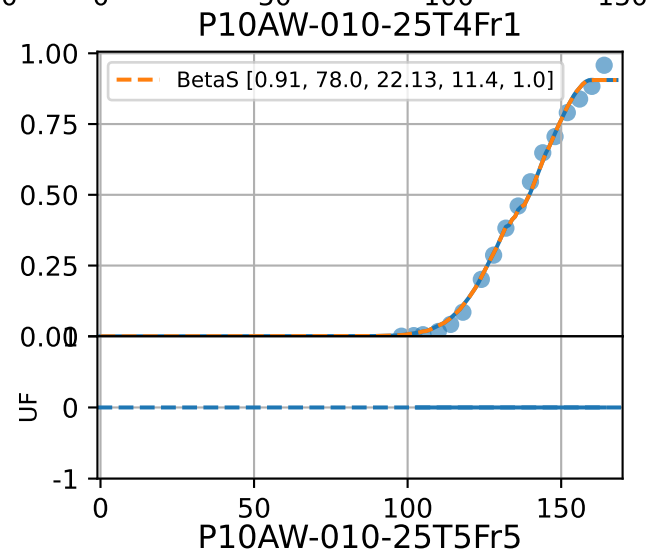
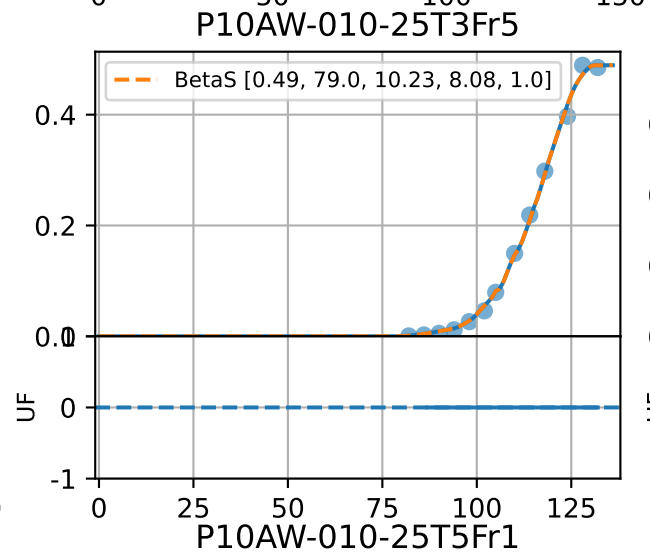
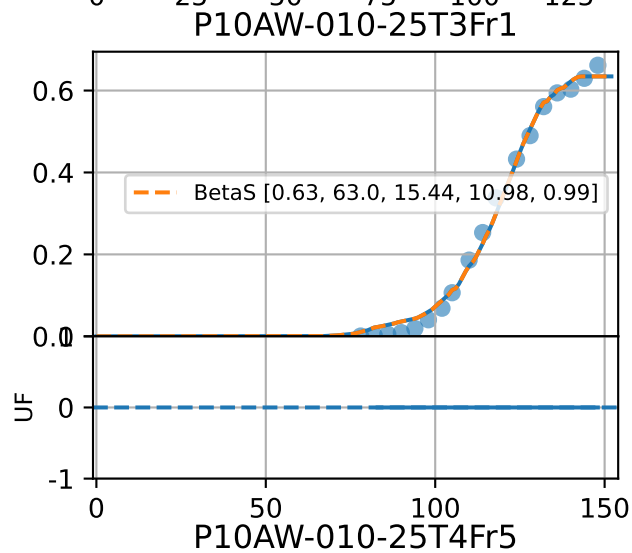
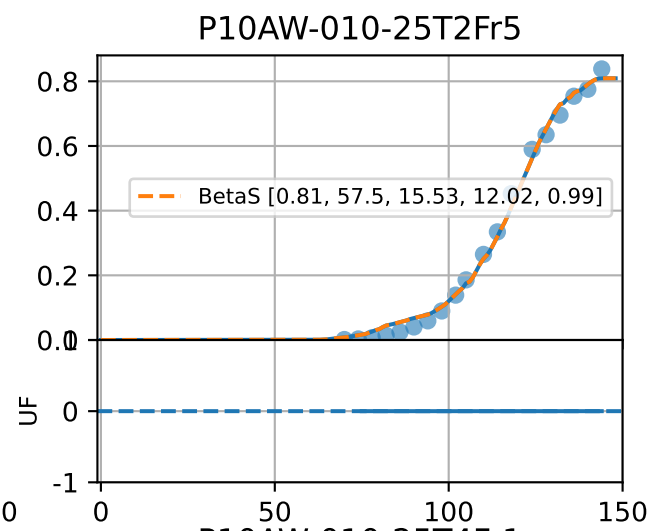
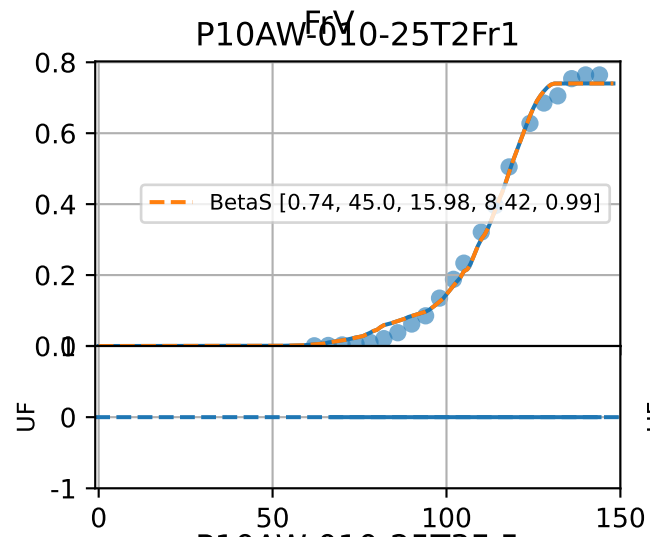
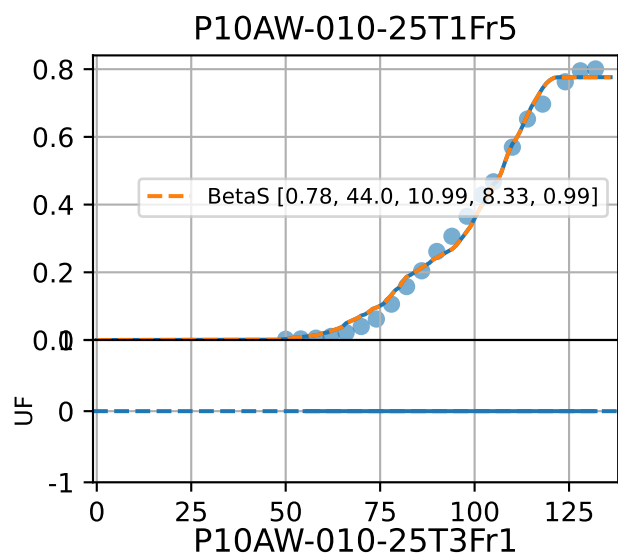
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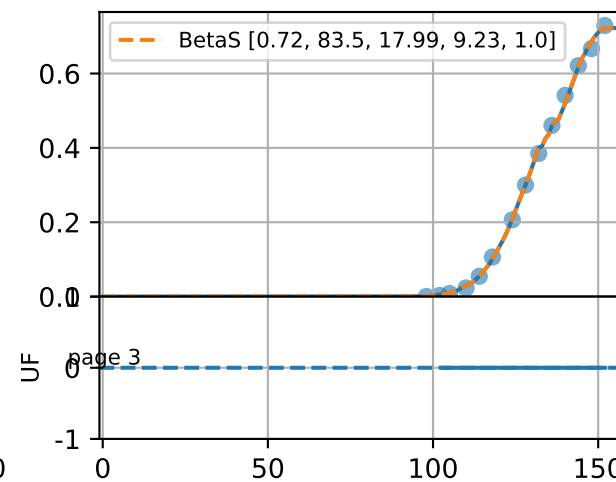
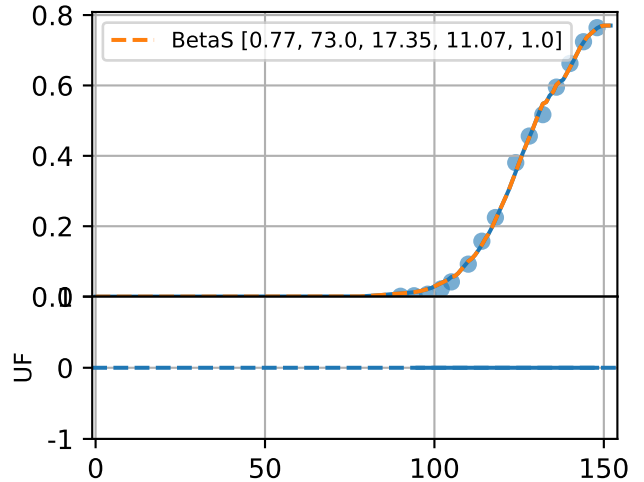
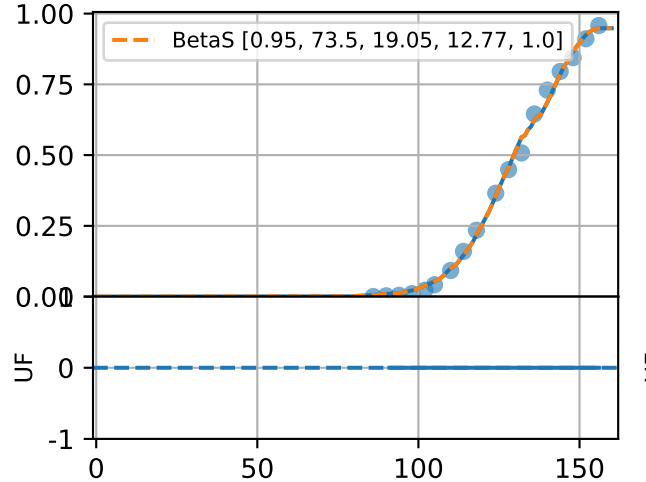
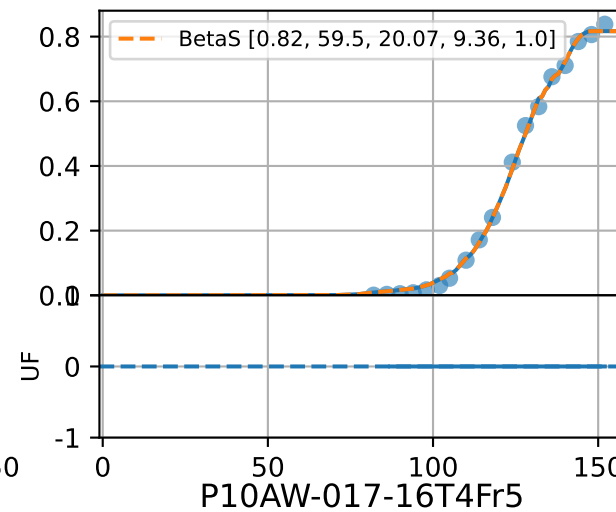
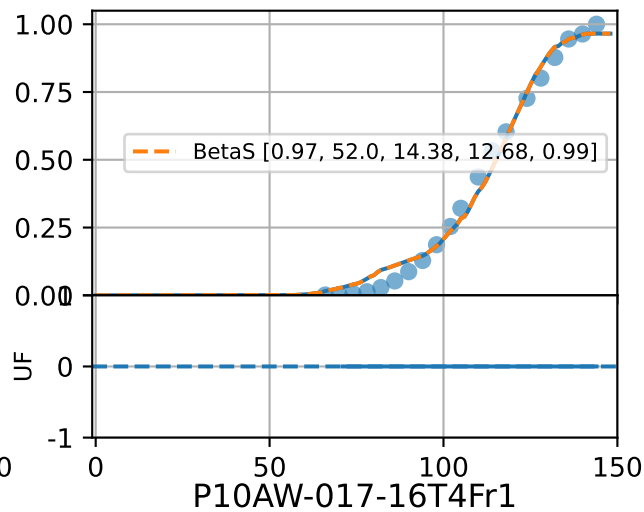
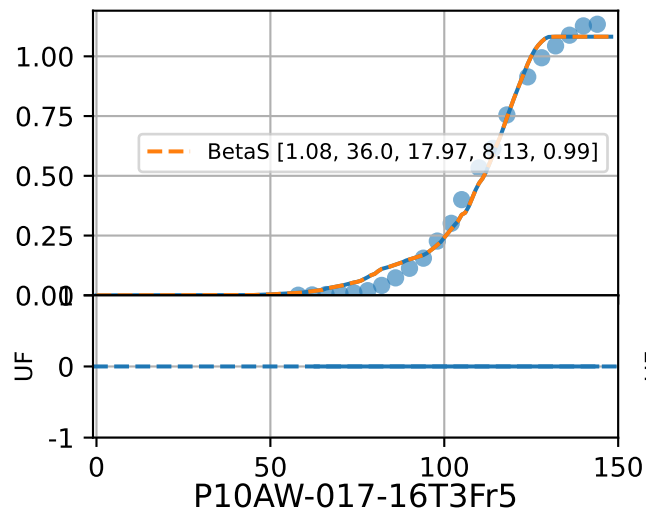
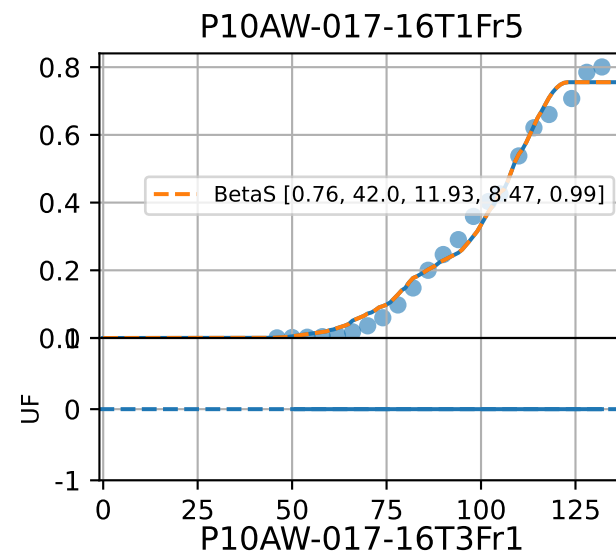
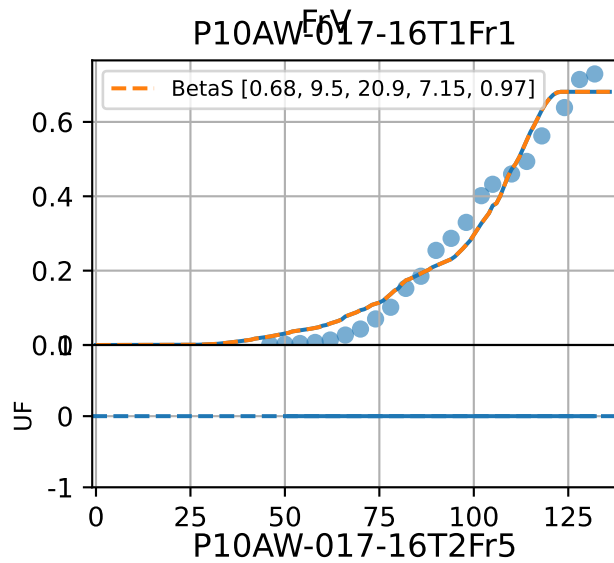
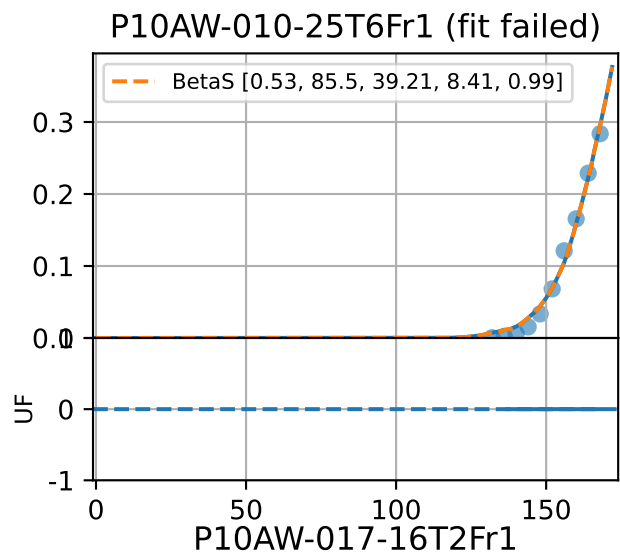


By Plant/Organ Age

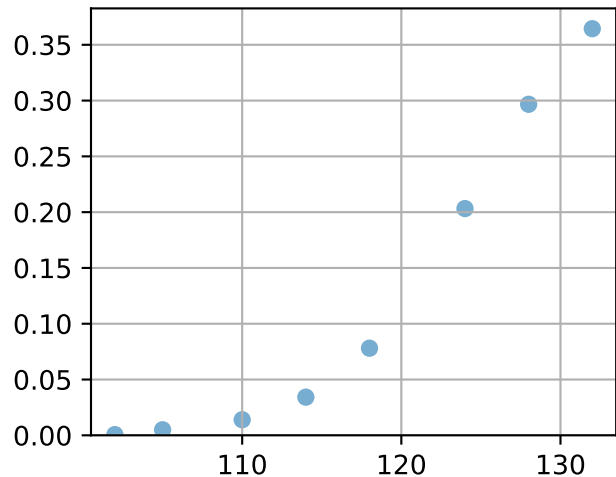




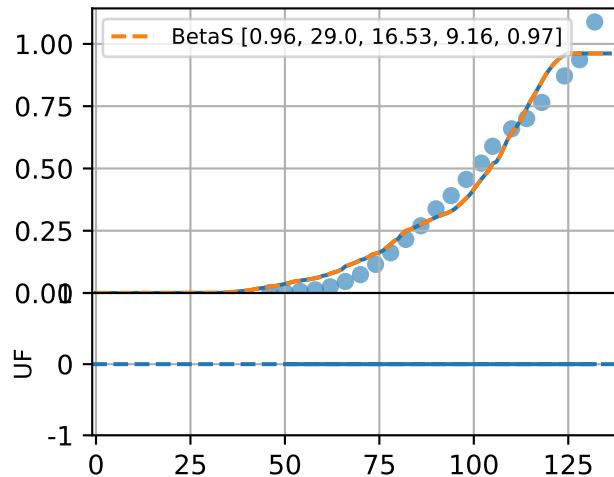




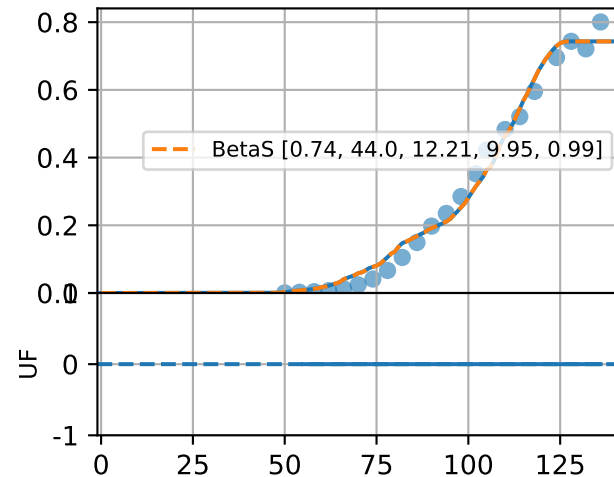
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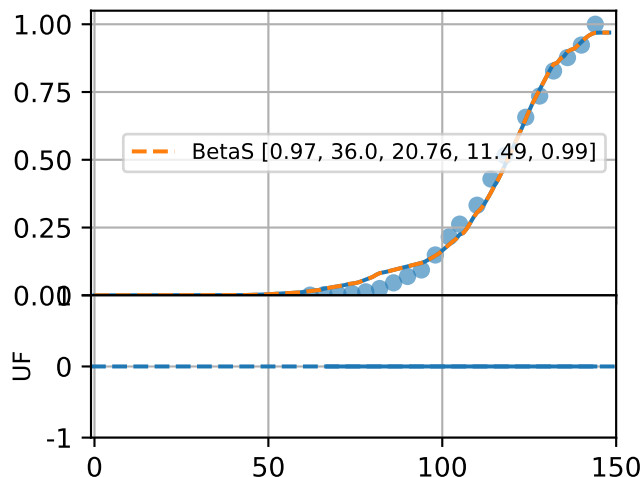
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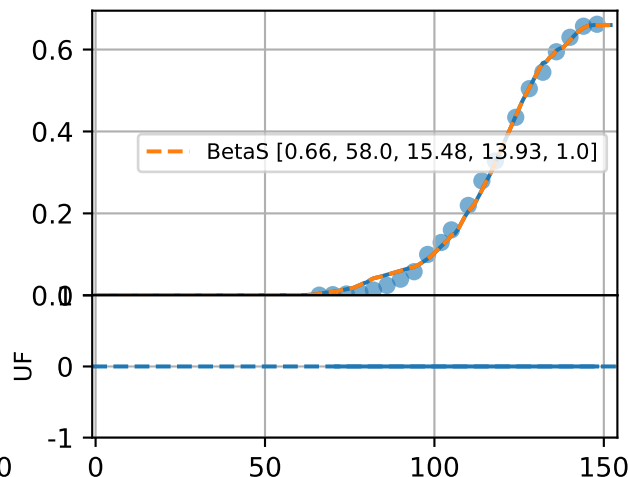
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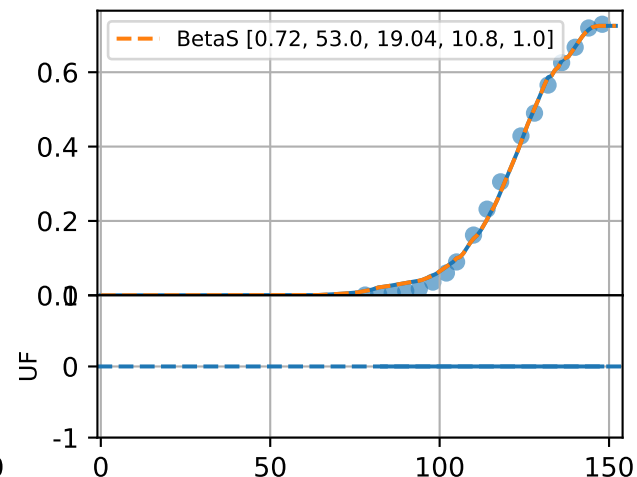
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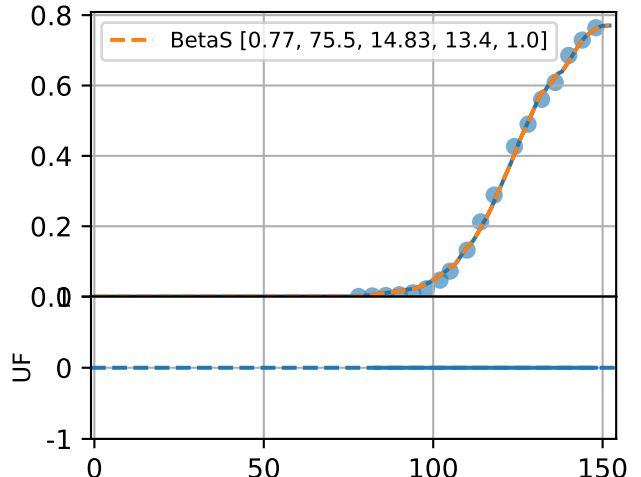
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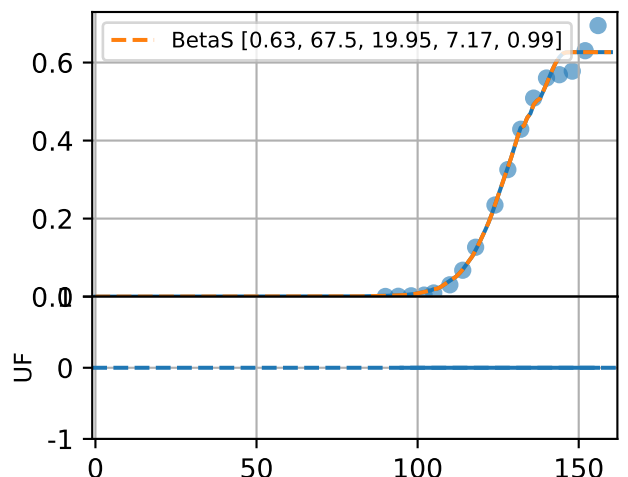
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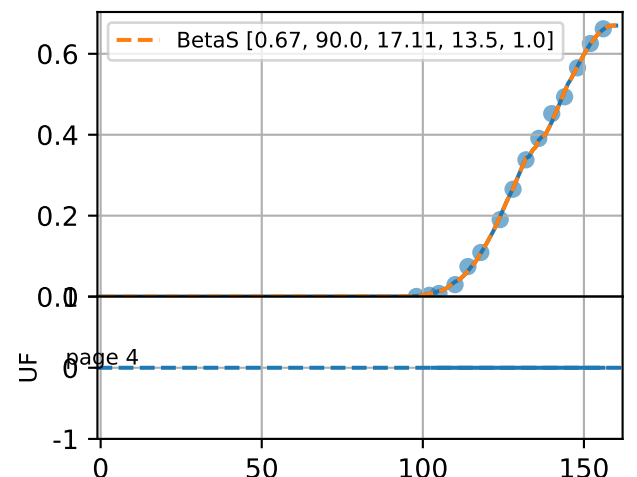
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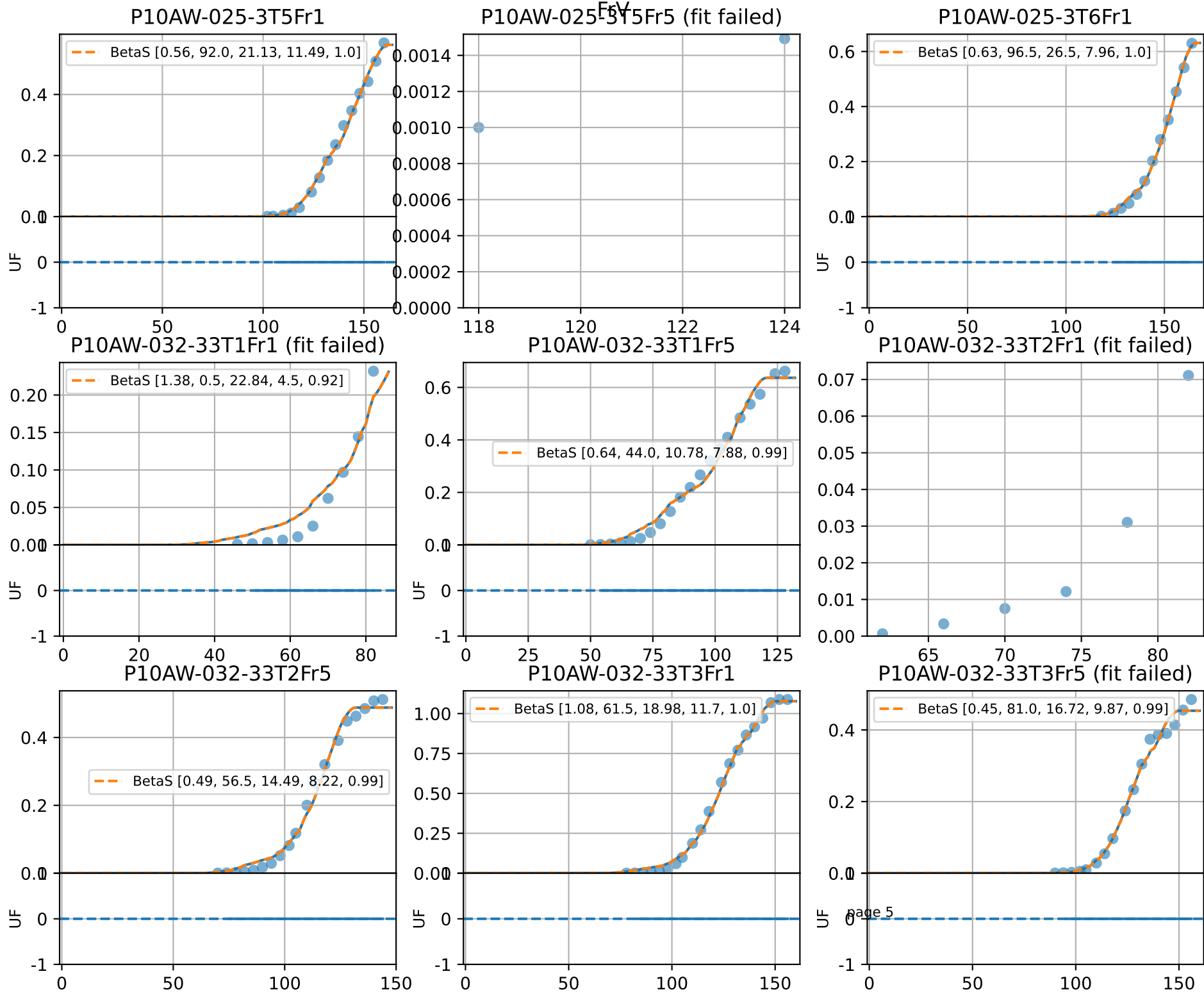


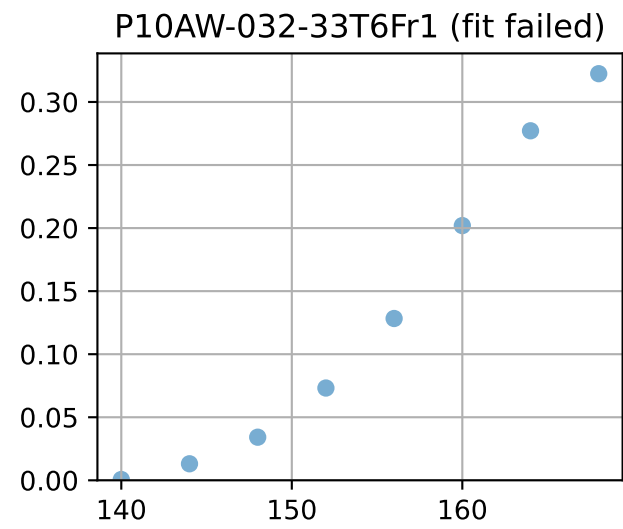
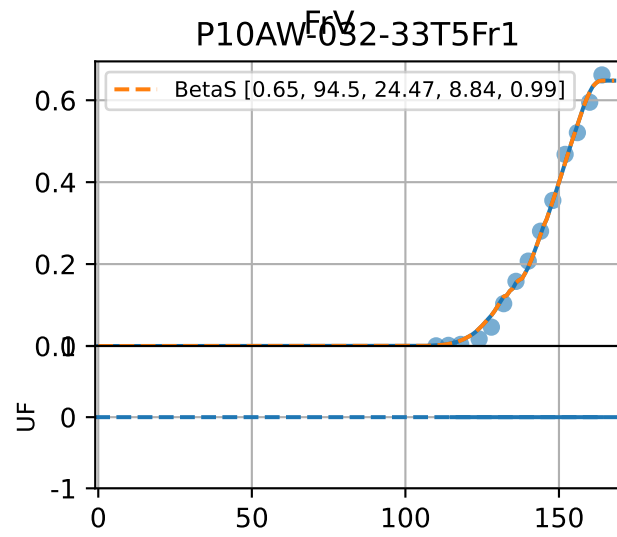
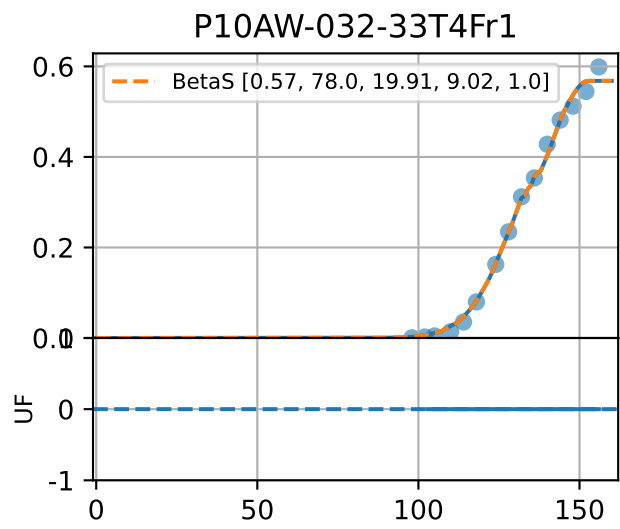
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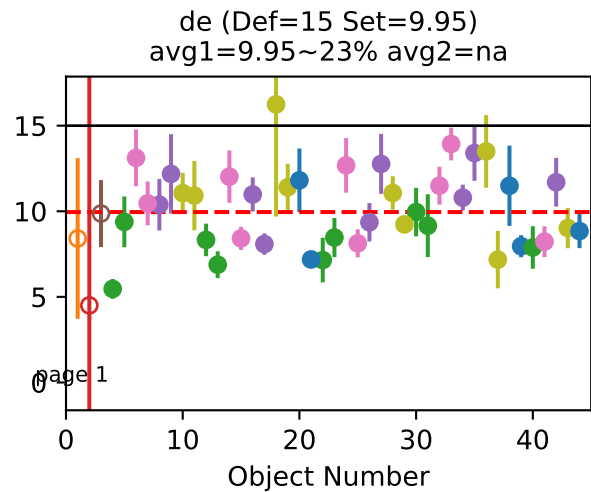
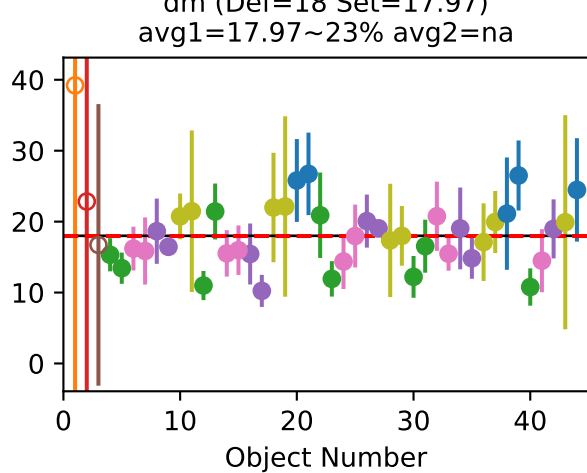
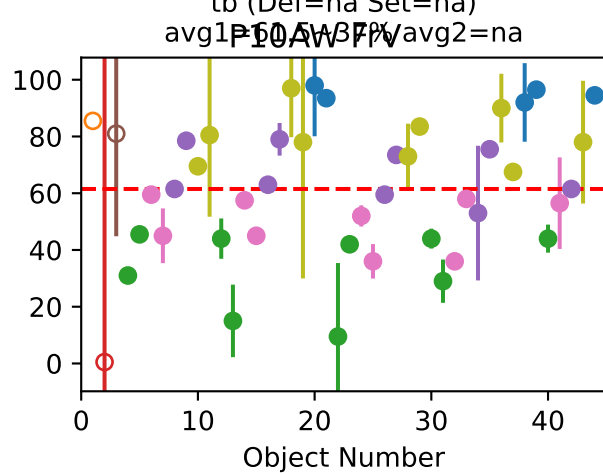
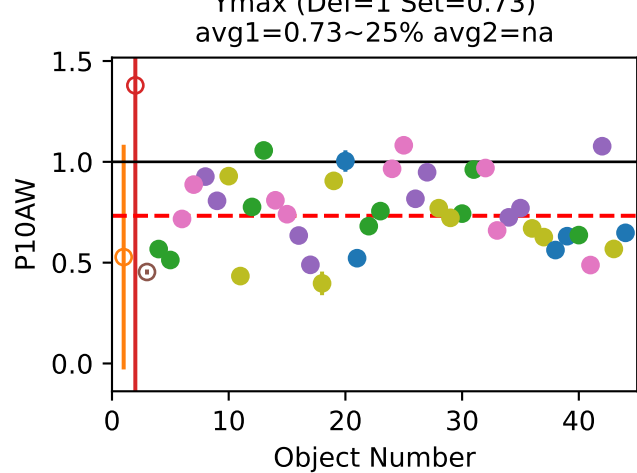


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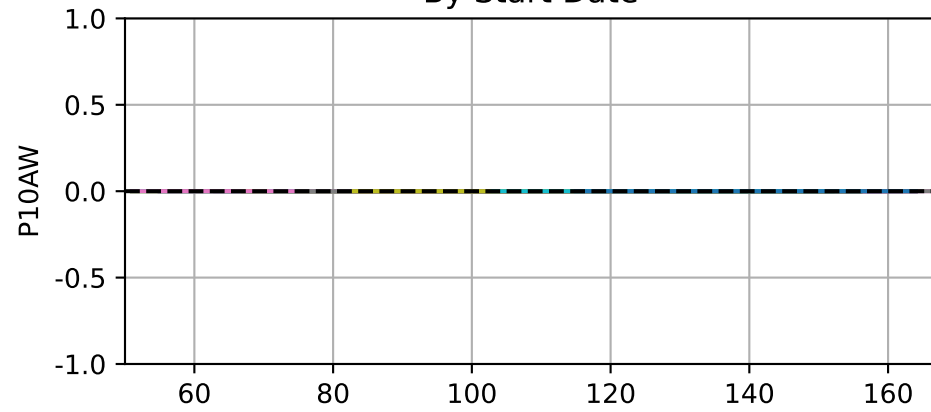




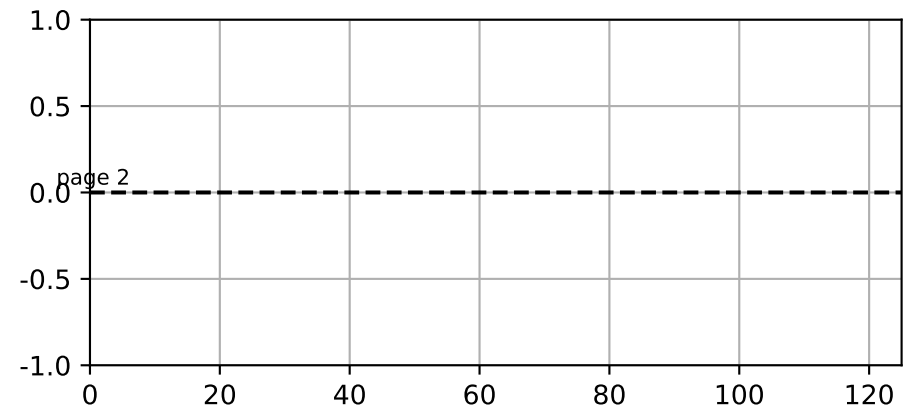
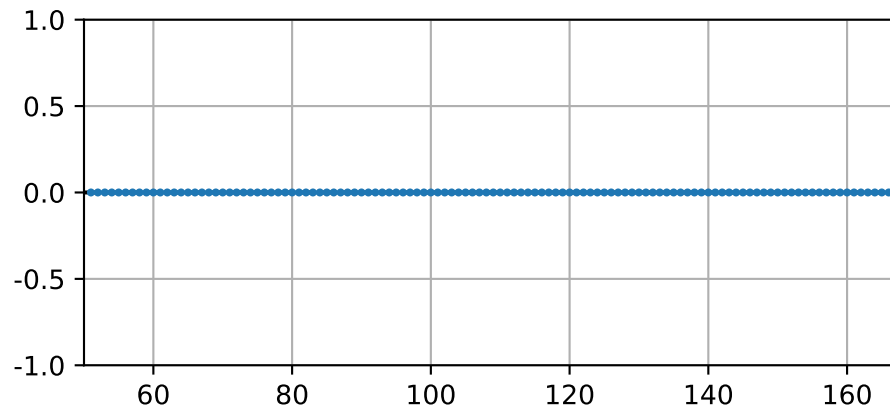
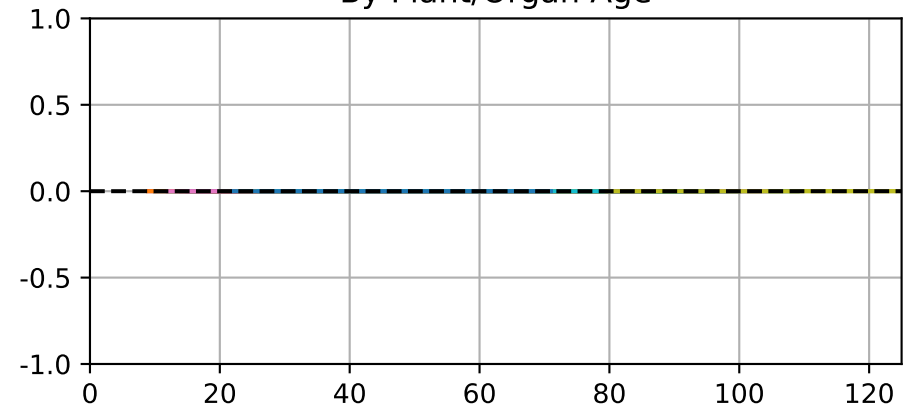


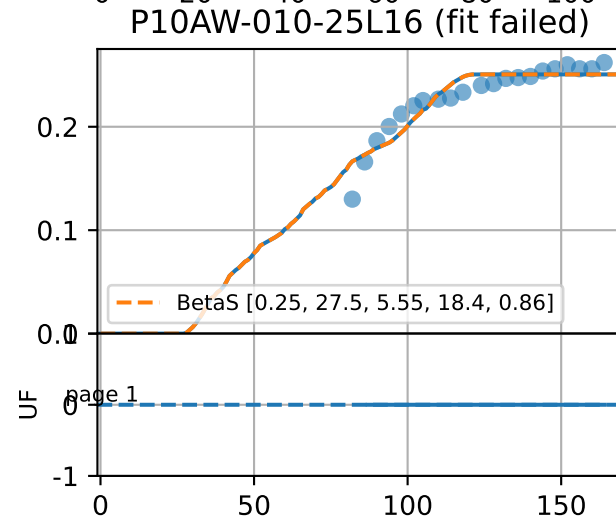
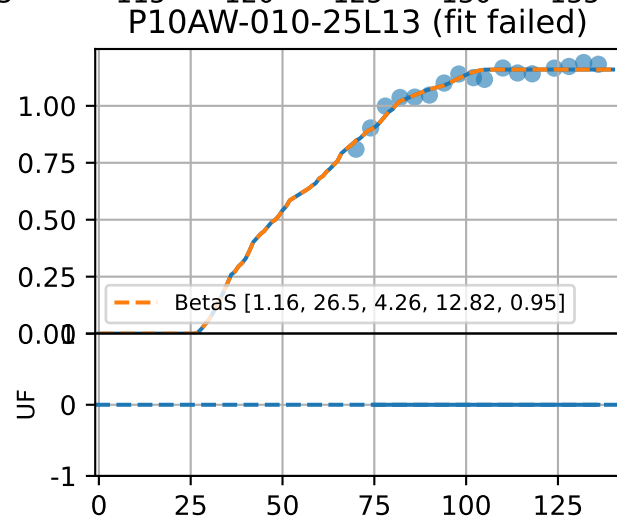
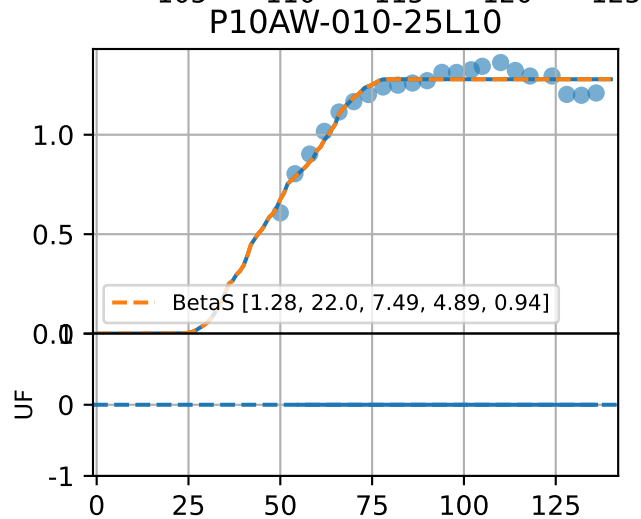
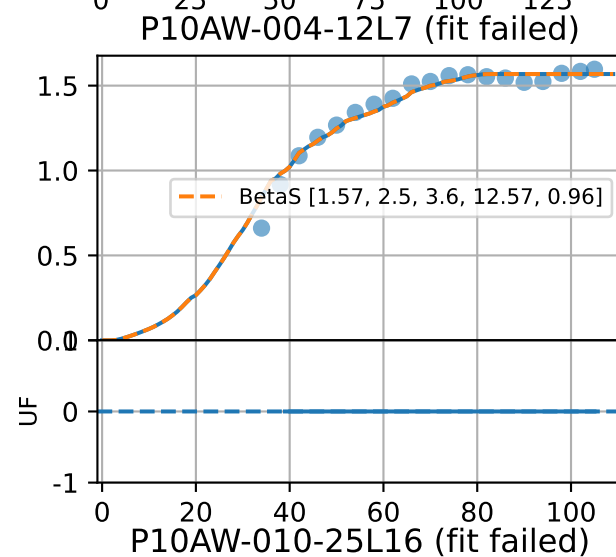
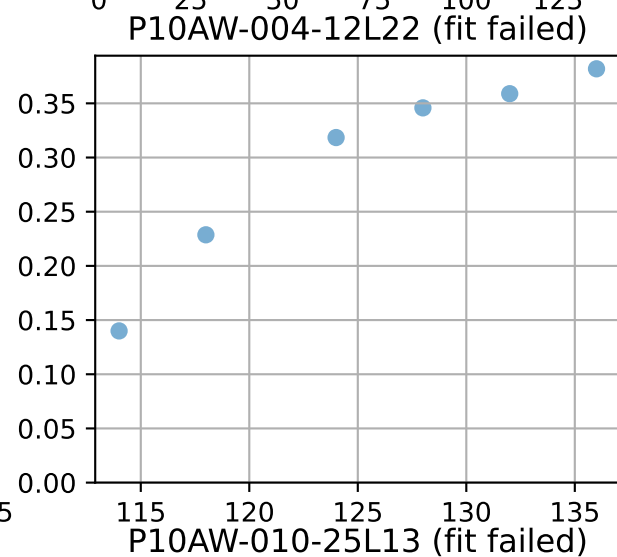
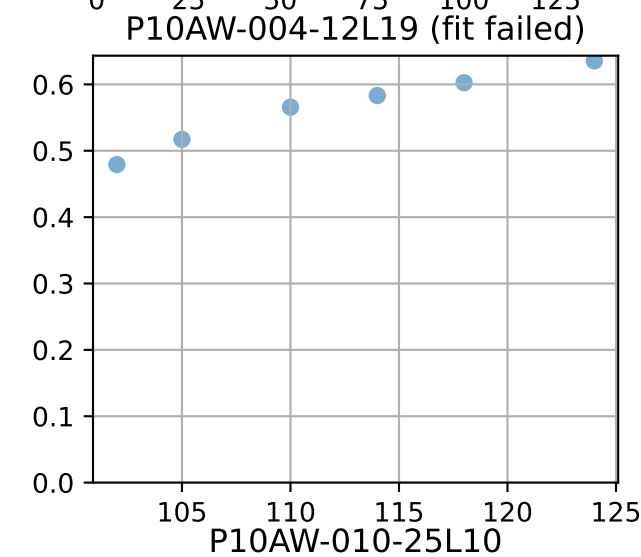
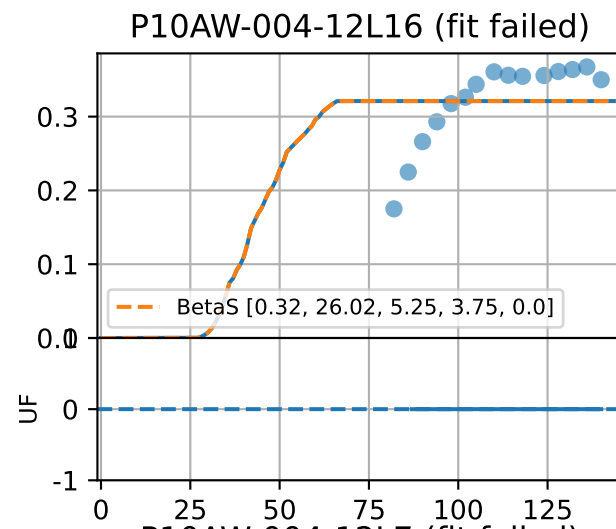
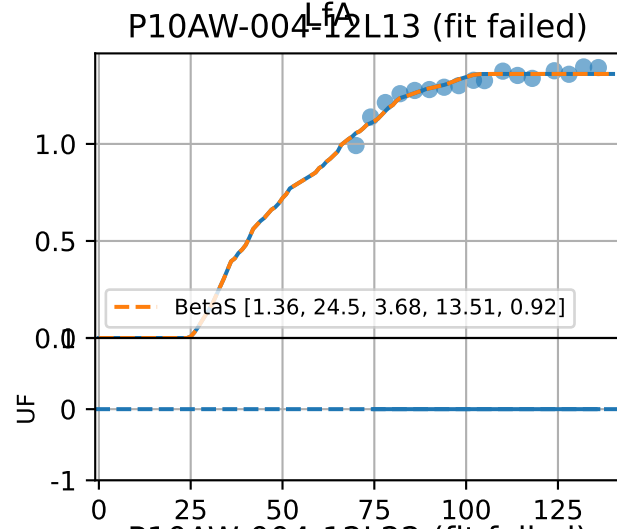
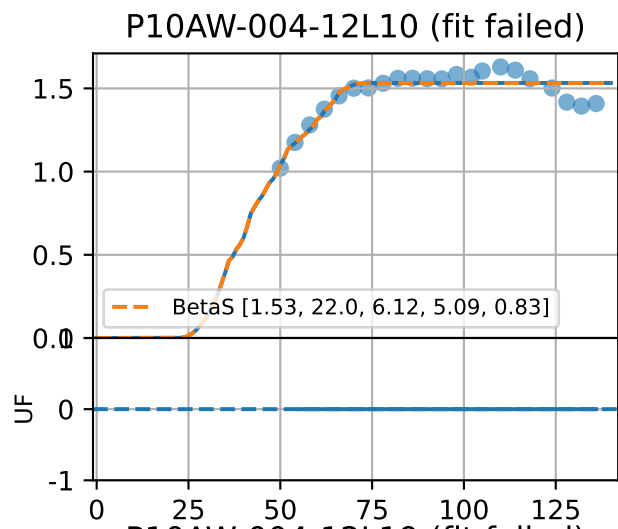


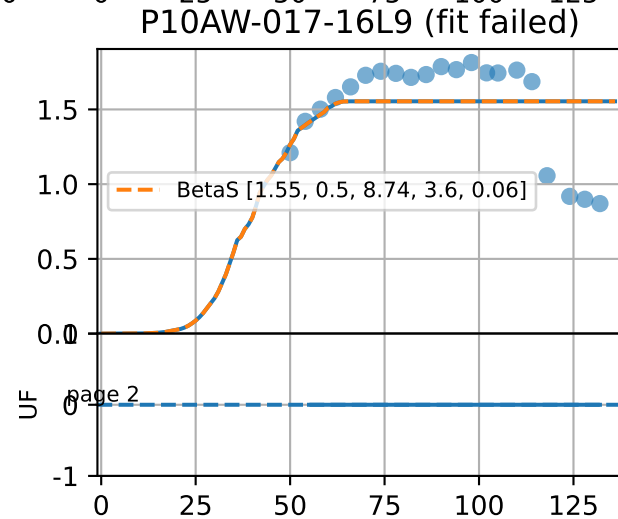
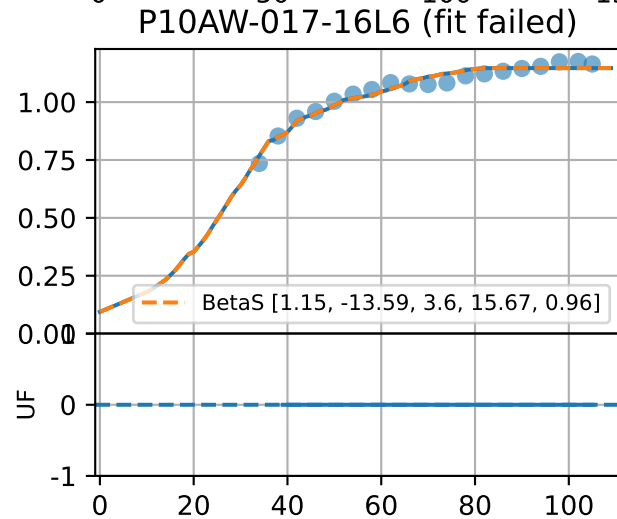
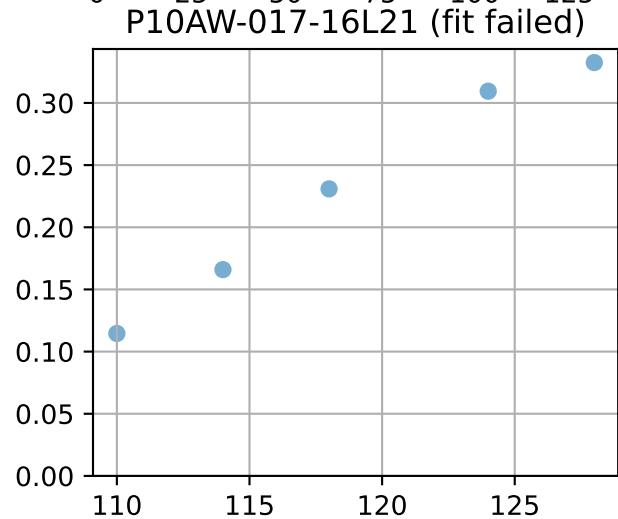
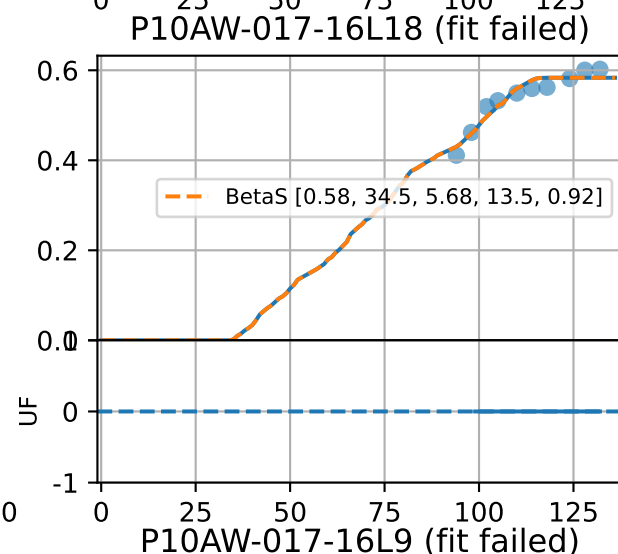
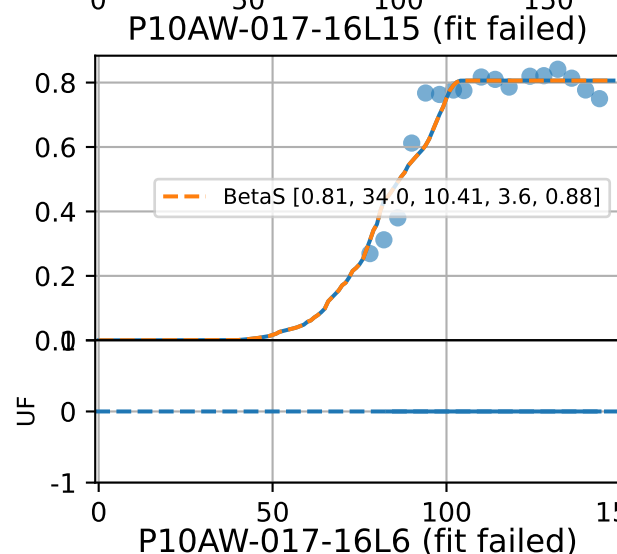
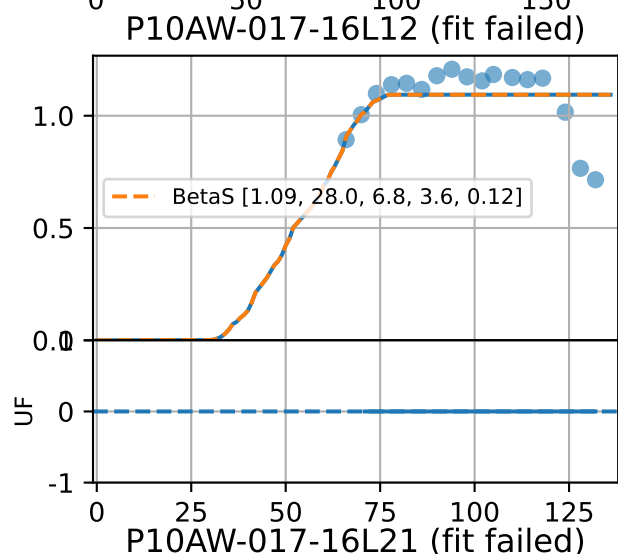
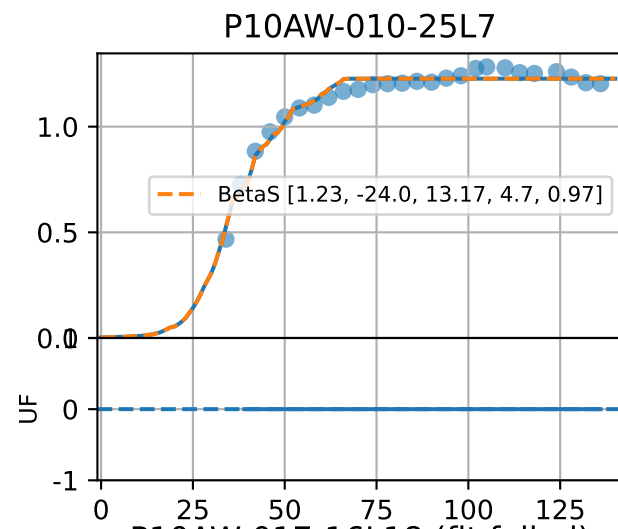
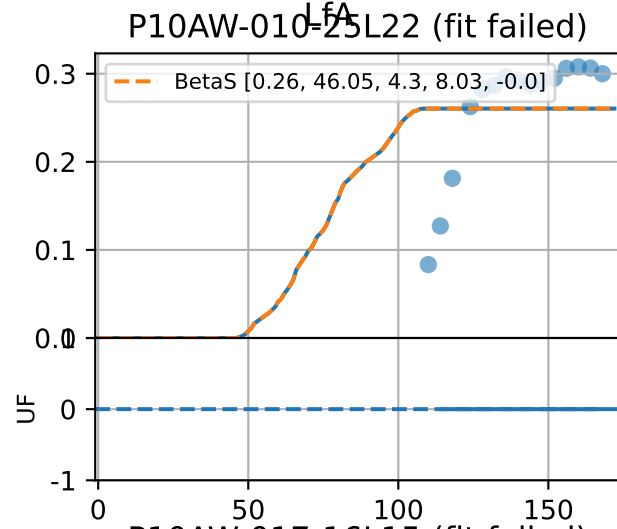
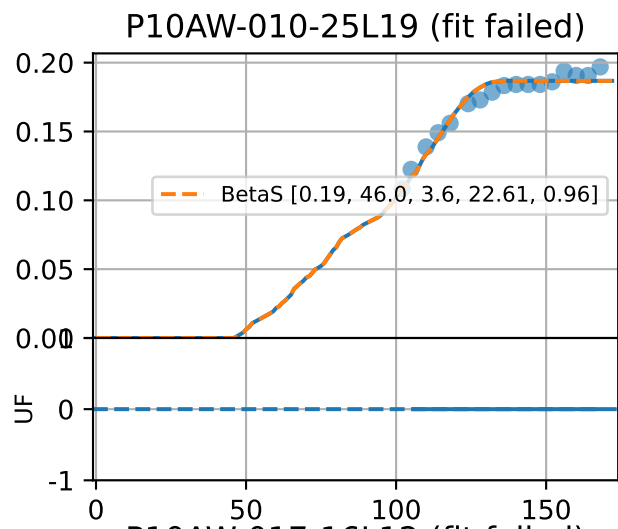
By Start Date

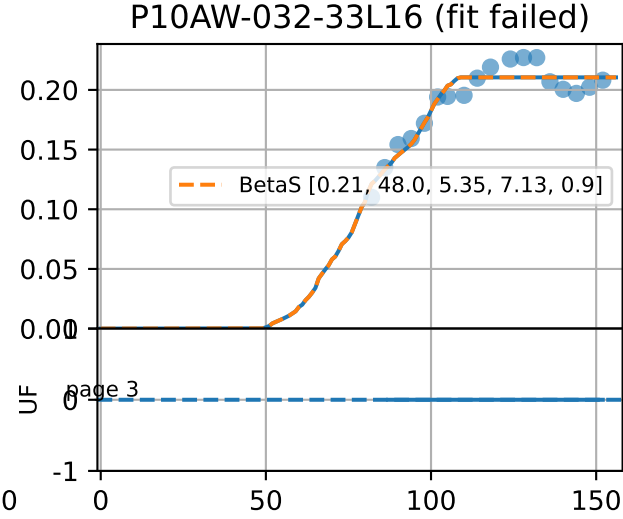
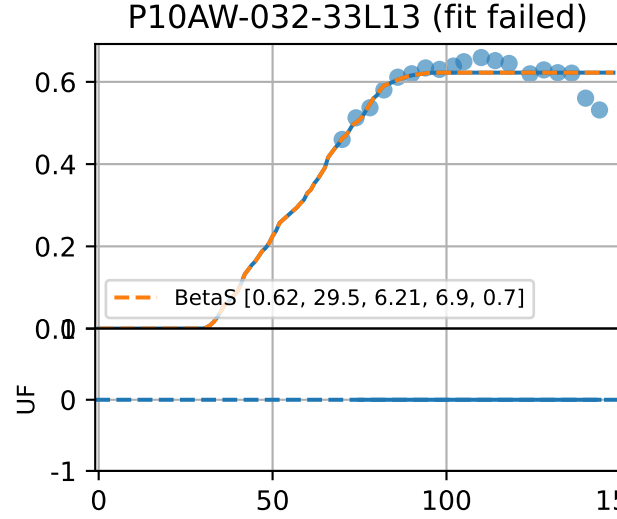
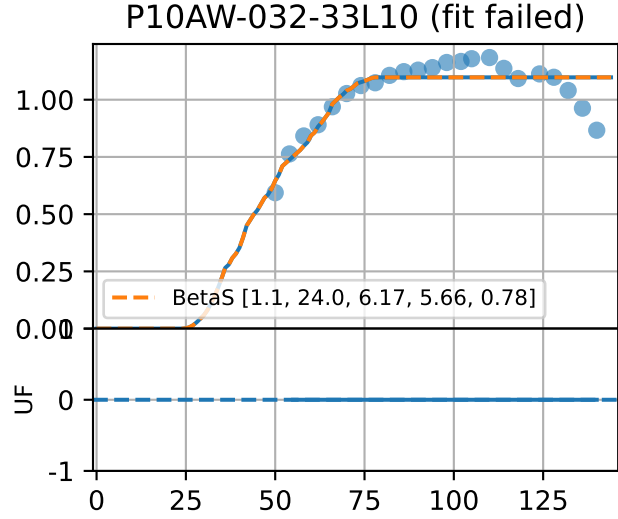
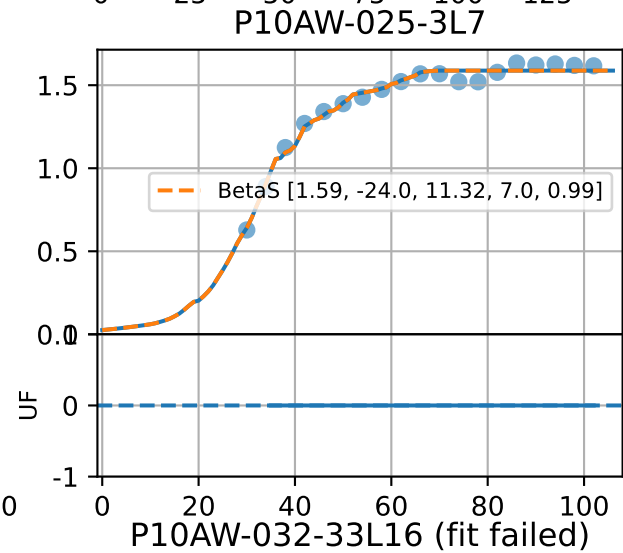
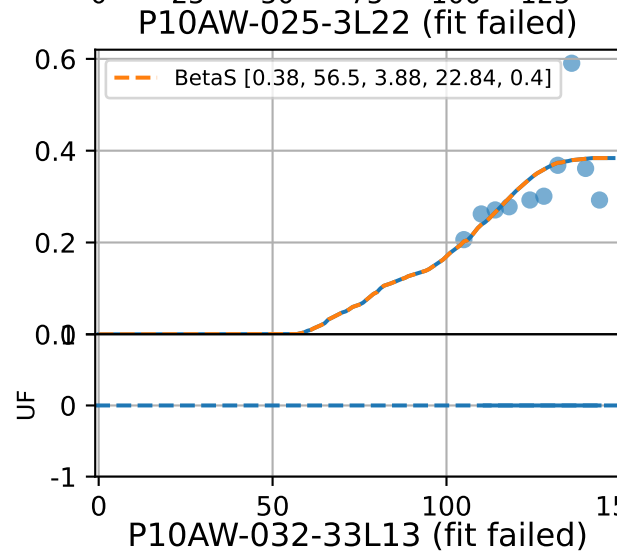
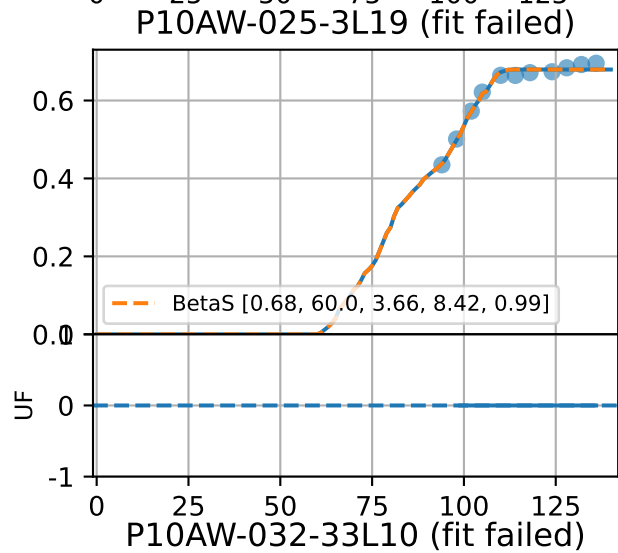
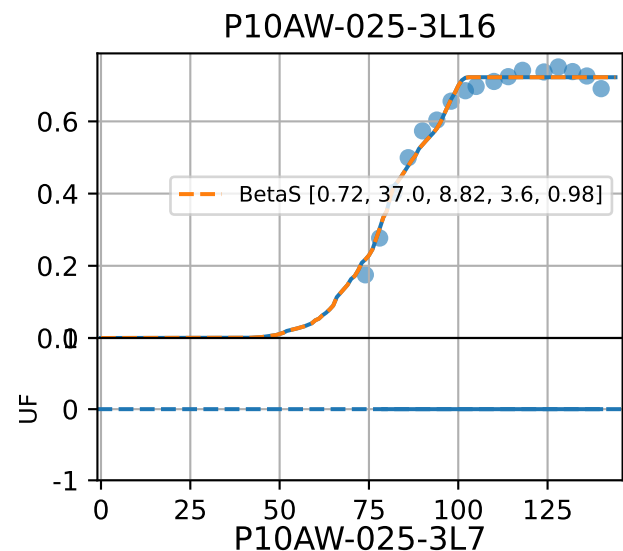
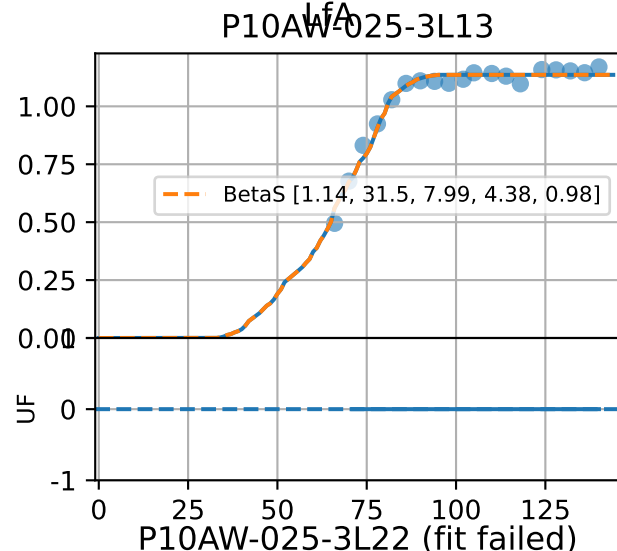
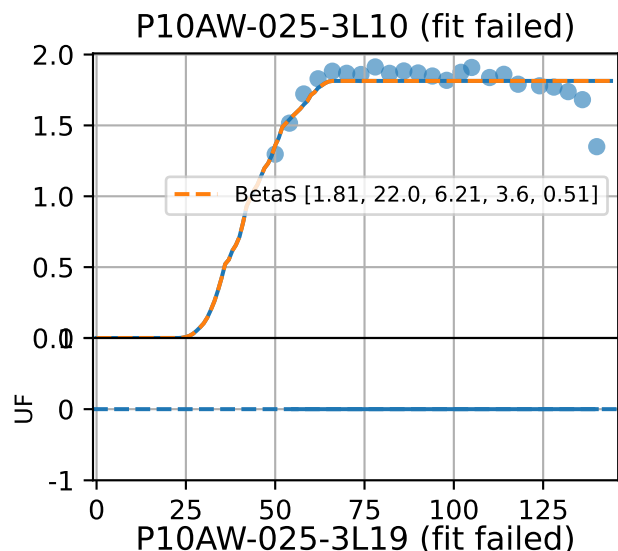


By Plant/Organ Age

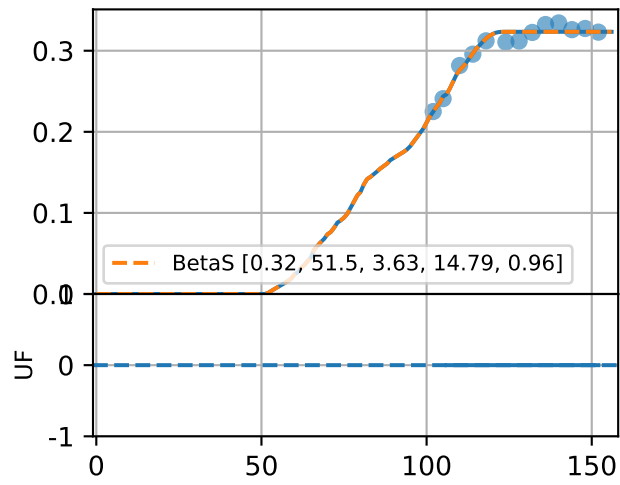




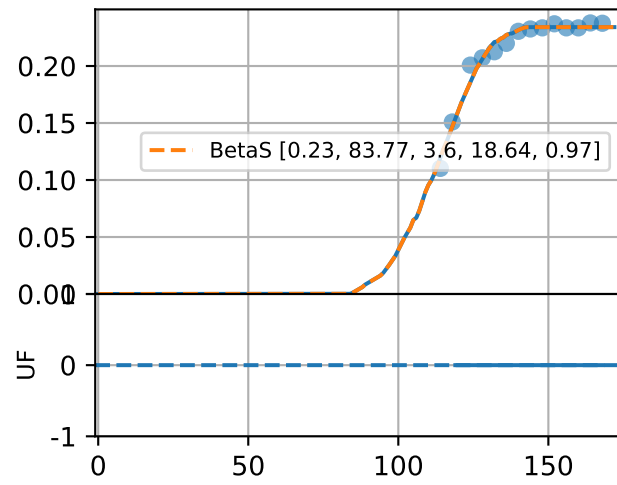




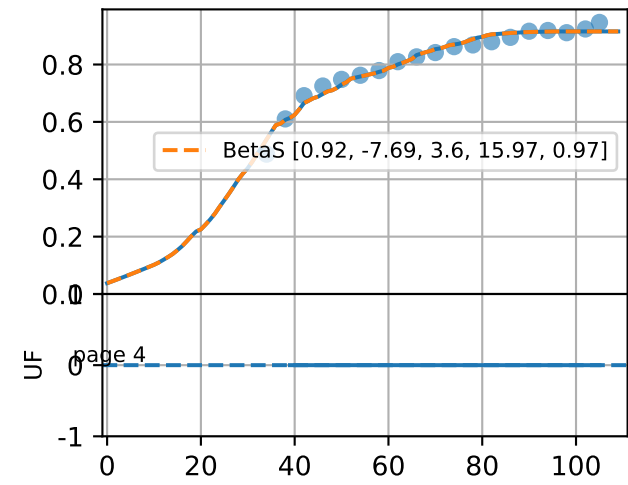
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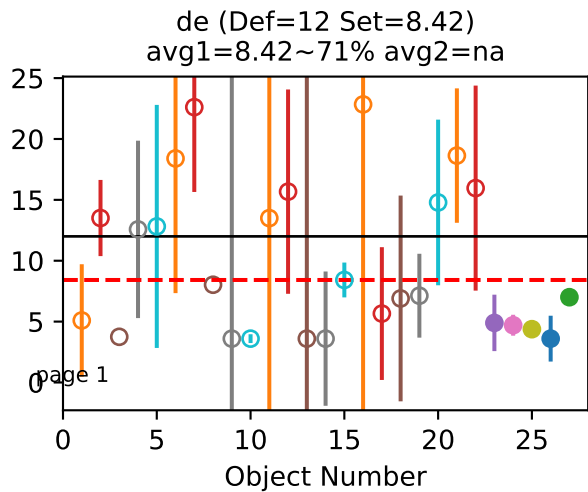
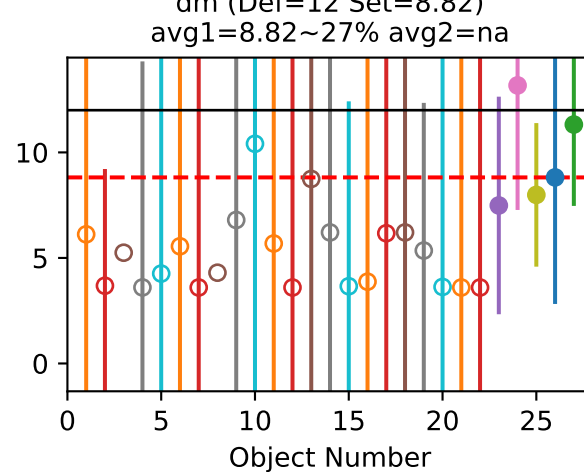
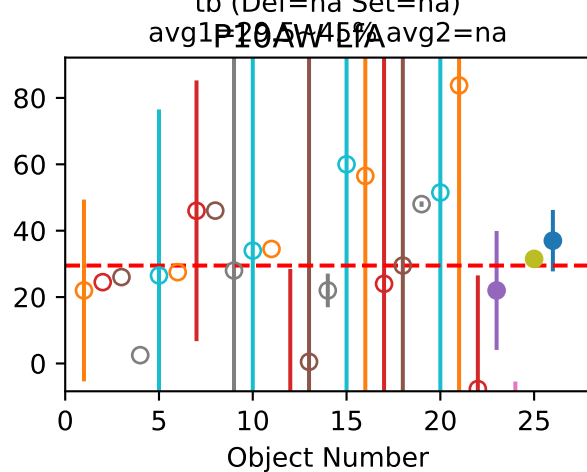
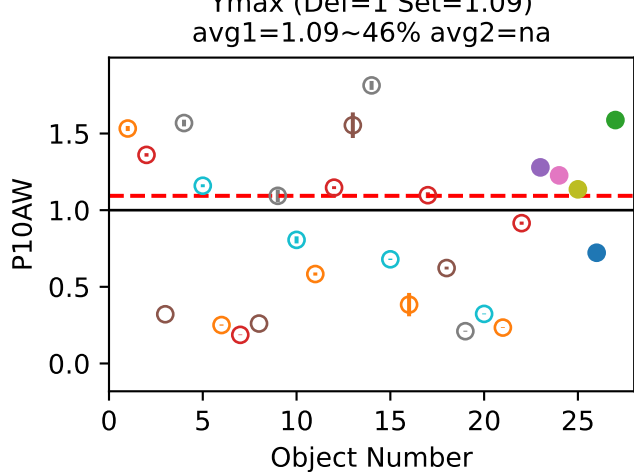


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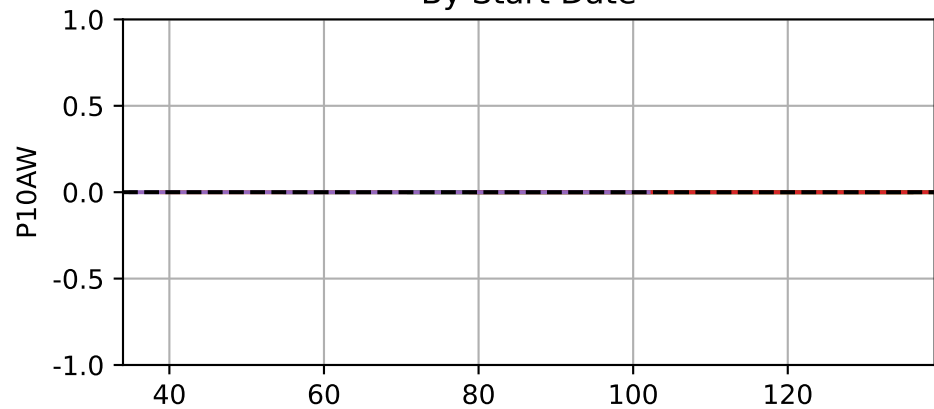


P10AW-032-33L7 (fit failed)

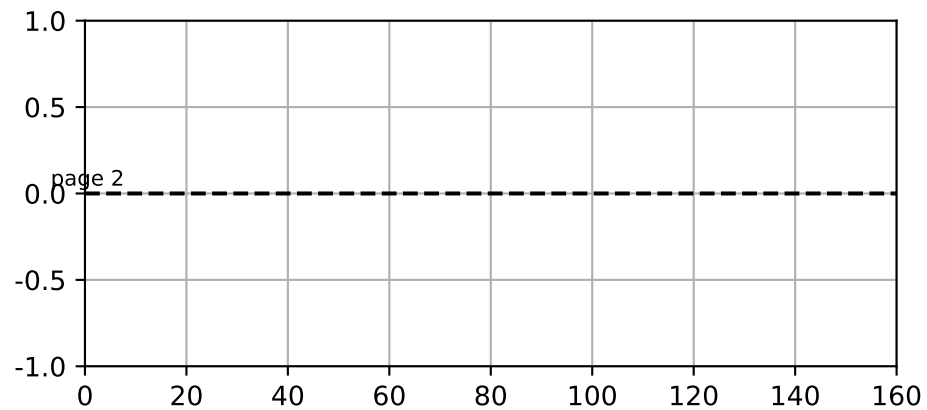
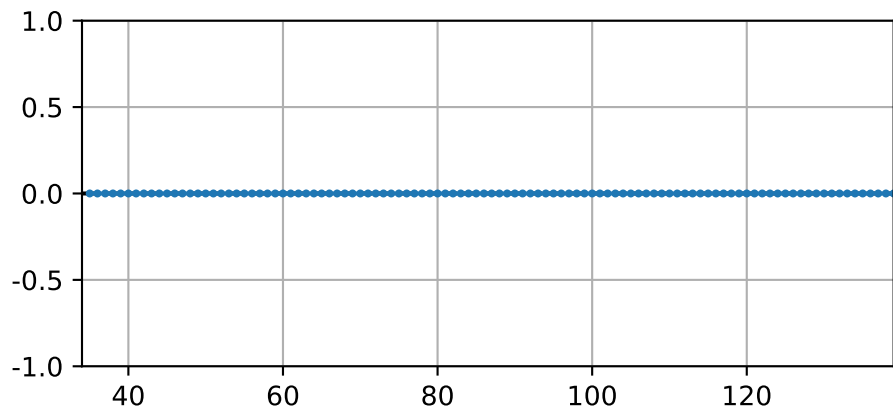
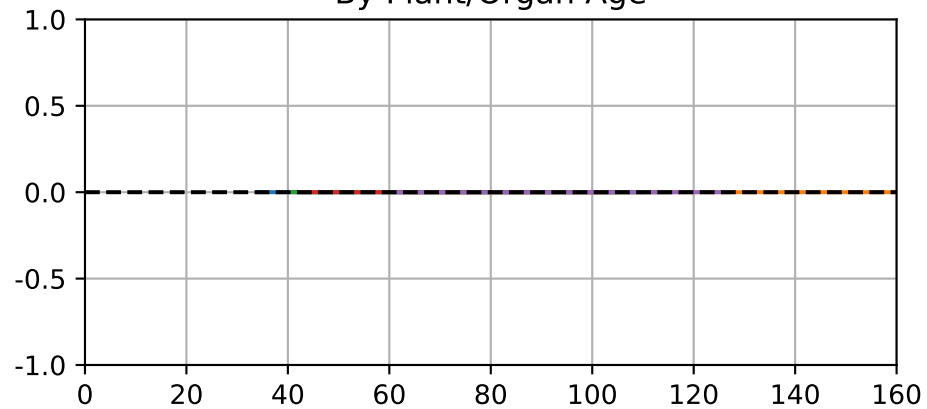


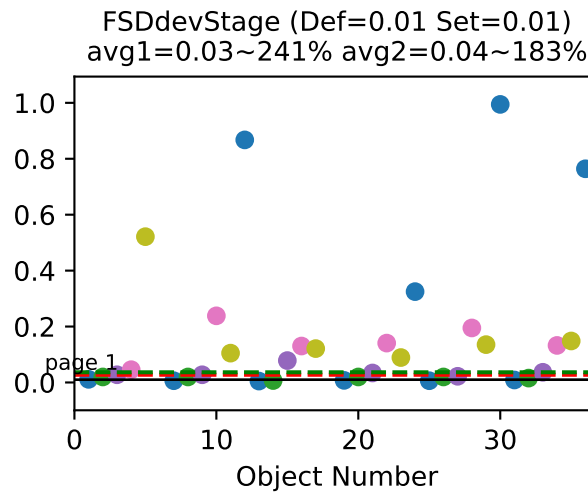
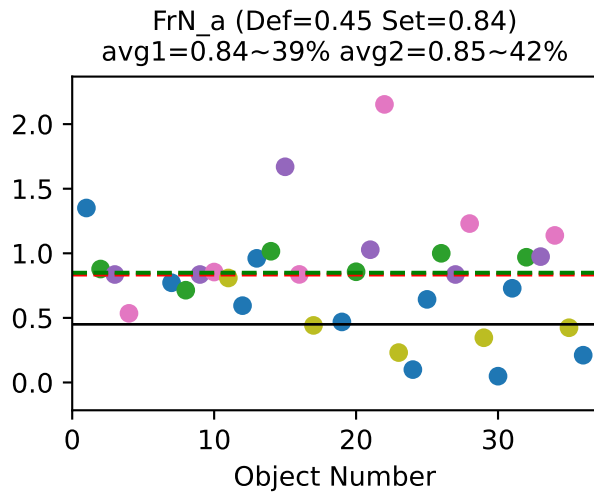
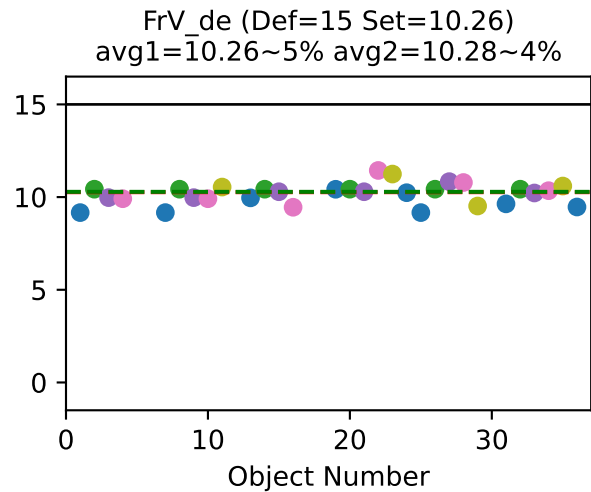
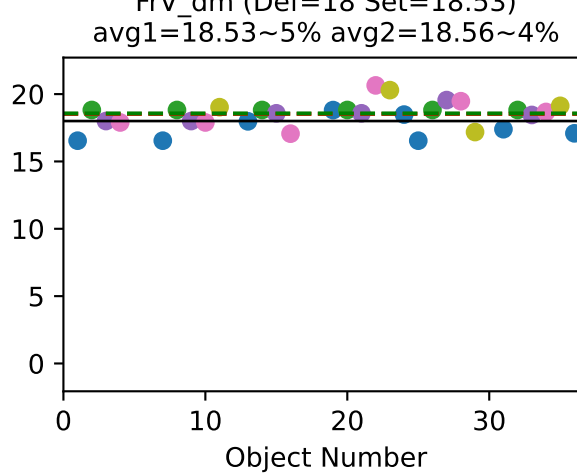
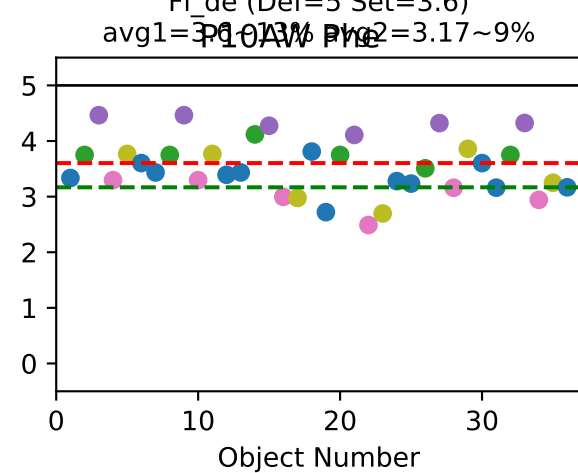
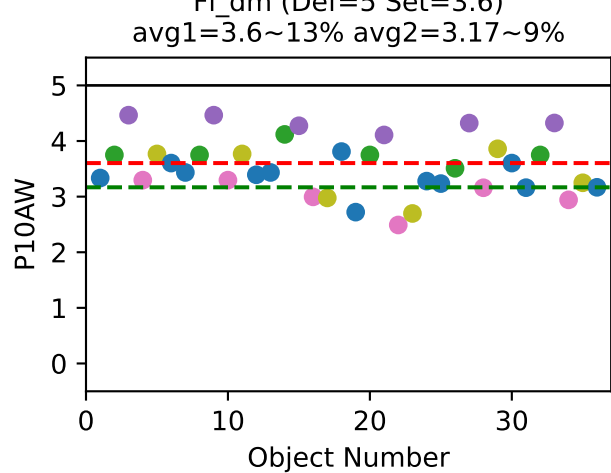


By Start Date

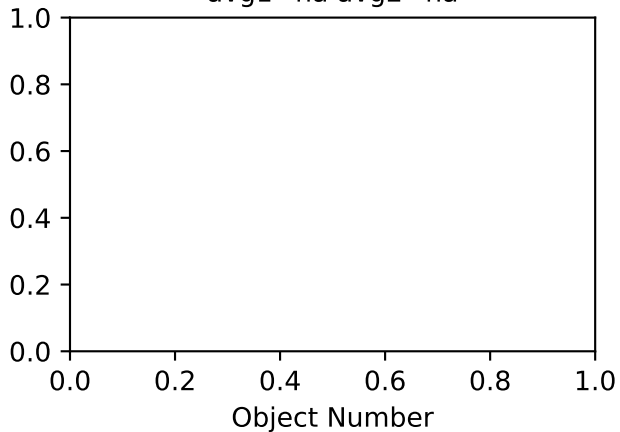


By Plant/Organ Age

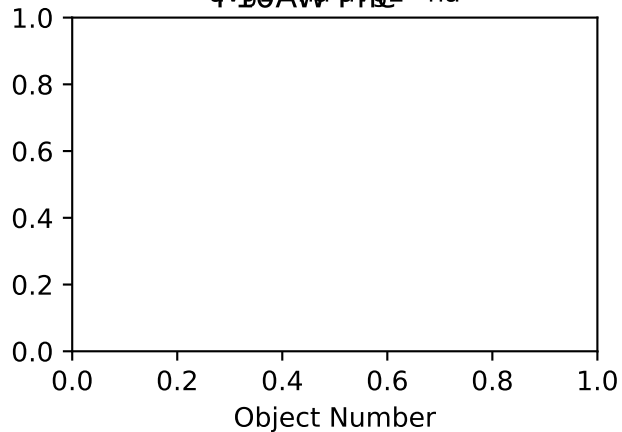




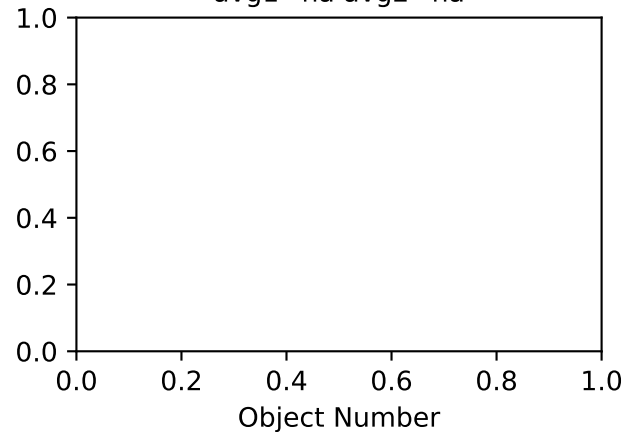
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



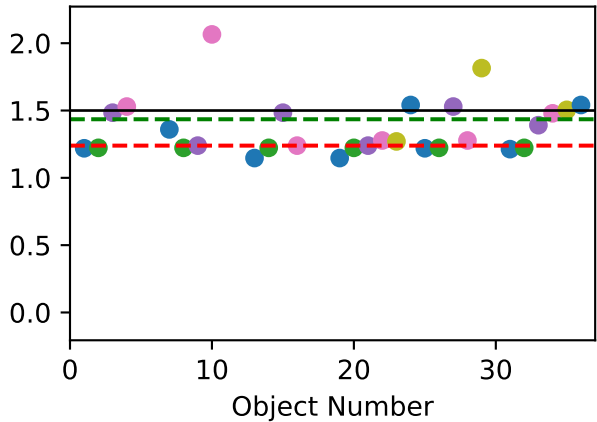
FMDDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



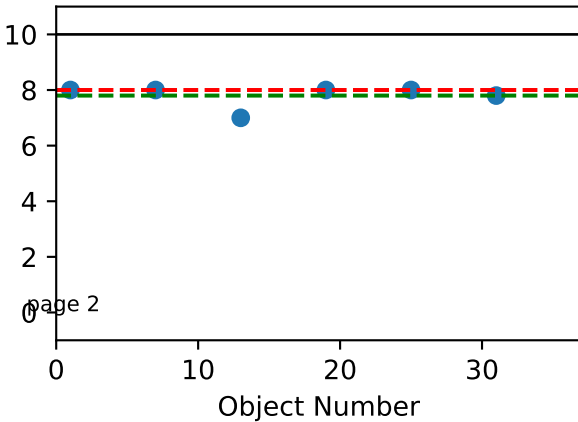
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



FHDdevStage (Def=1.5 Set=1.24)
avg1=1.24~14% avg2=1.44~10%

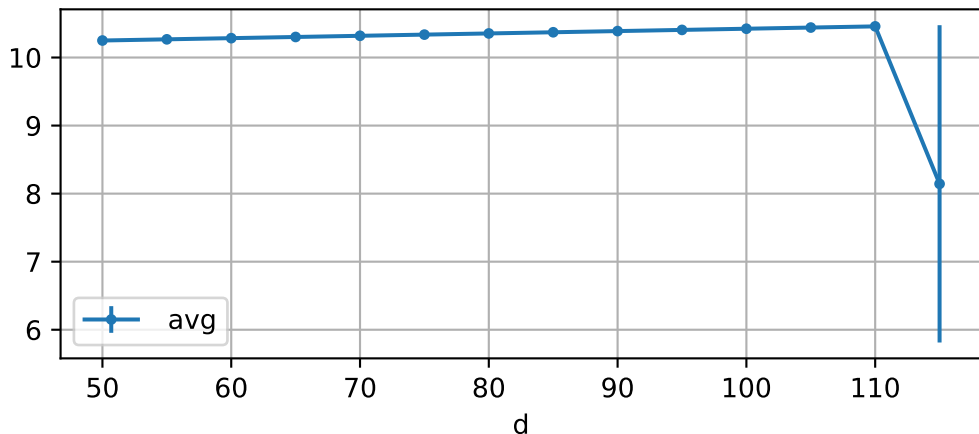


NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=7.8

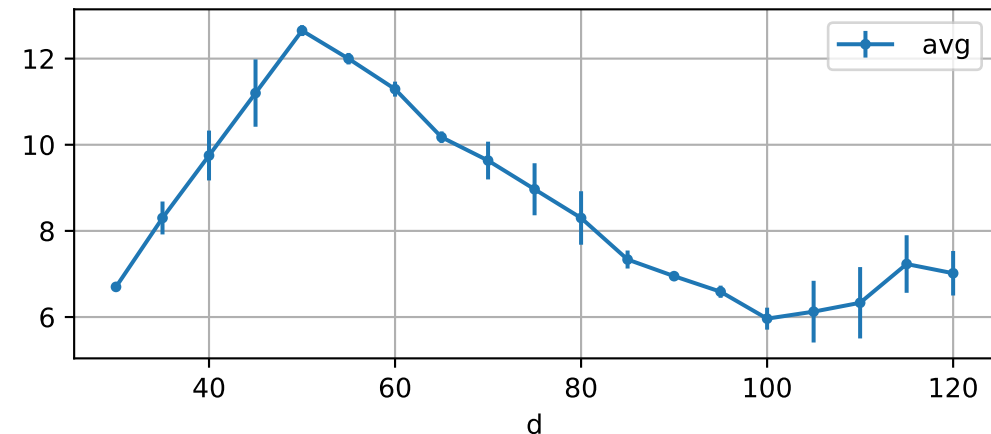


NdD: avg vs. d at each age group

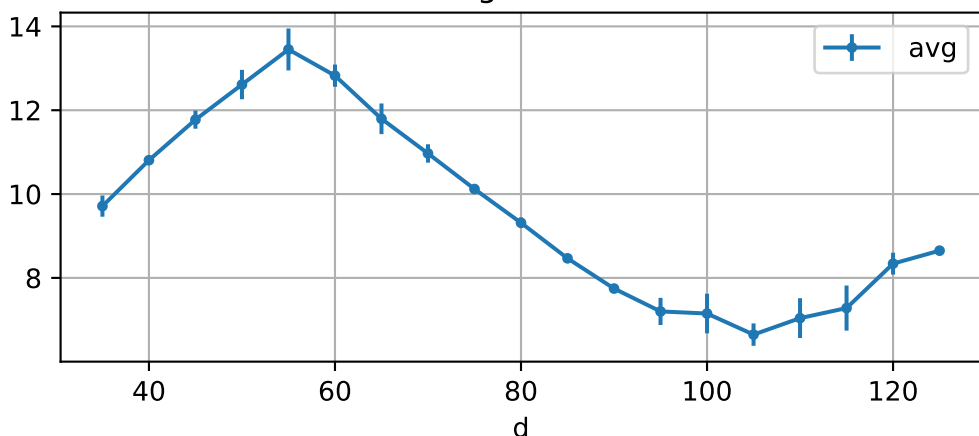
age=25



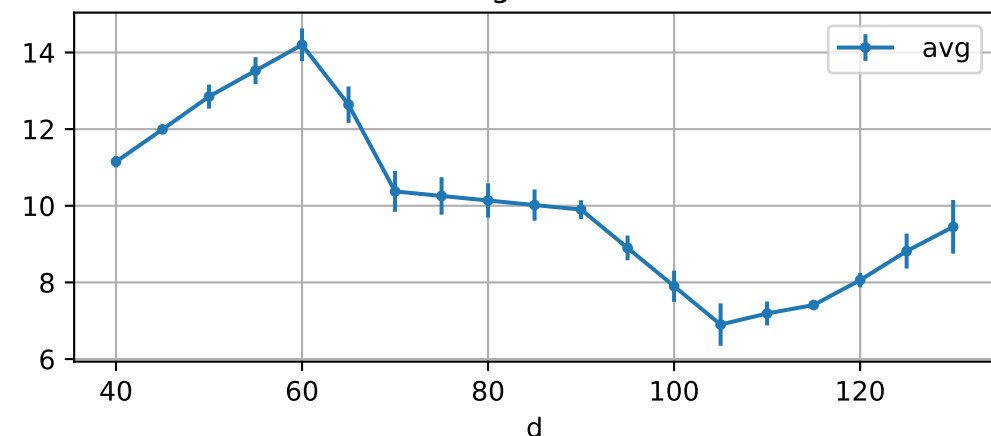
age=30



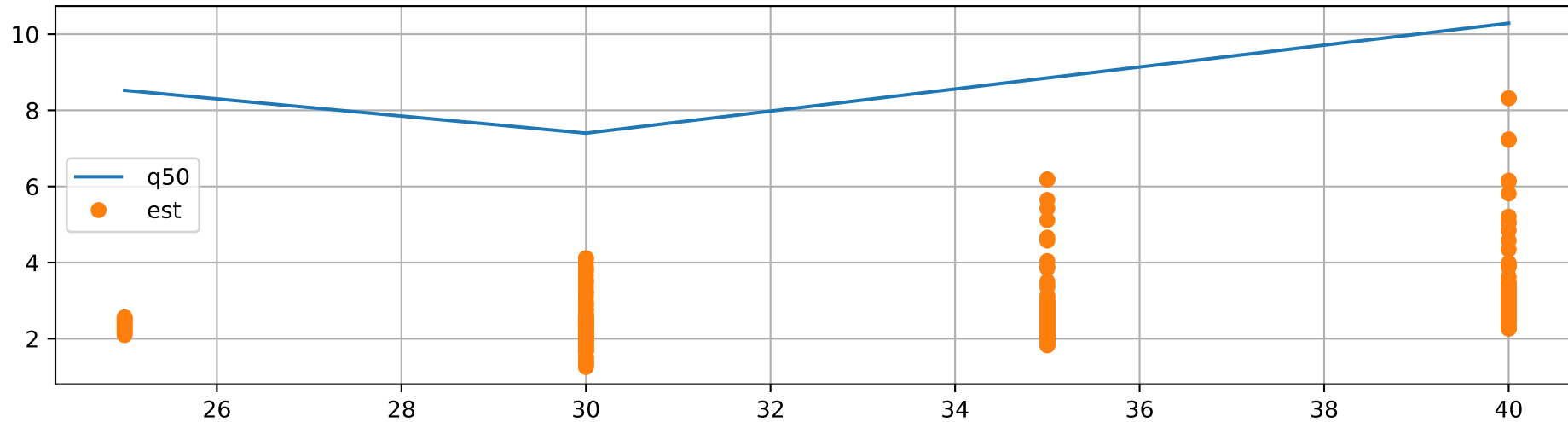
age=35



age=40

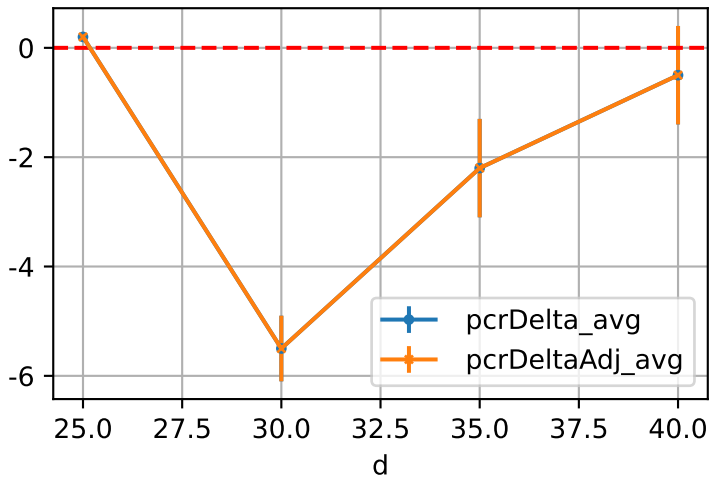


NdD: model est vs obsOv@Q50

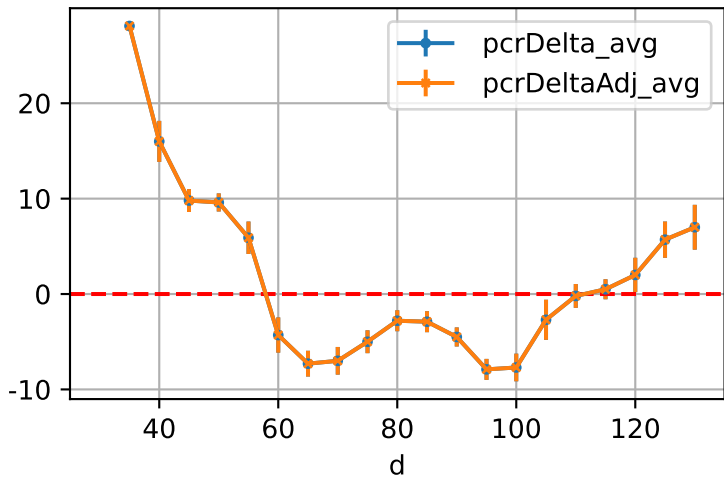


P10AW NdD: D_5d_NdD

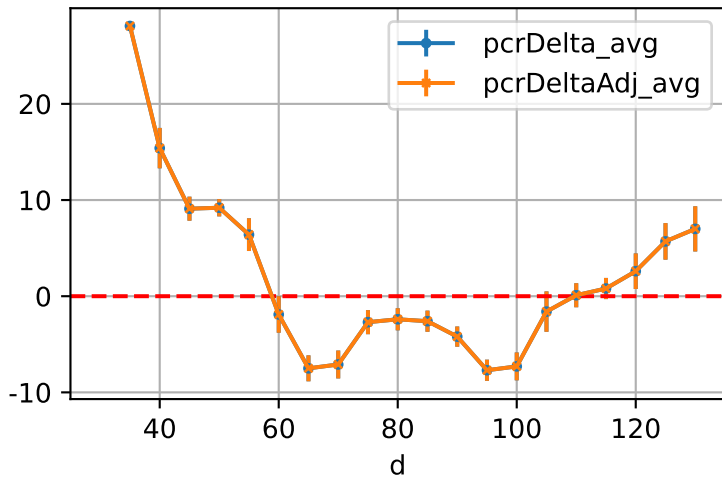
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

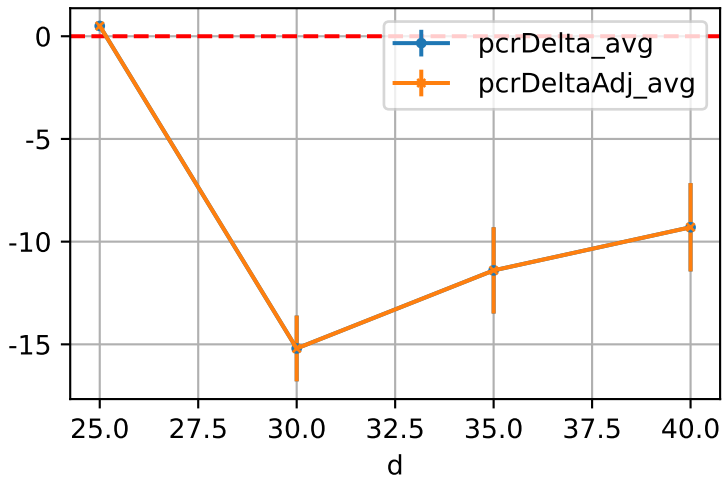


DeltaTypeAbbr=WeiAvgByD

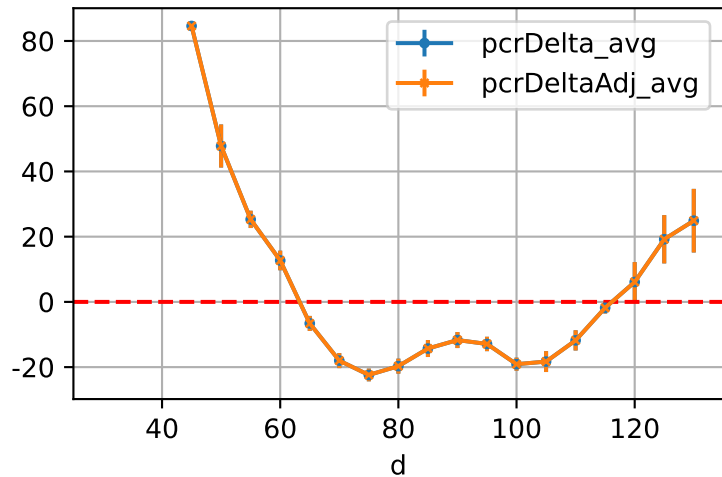


P10AW NdD: D_15d_NdD

DeltaTypeAbbr=GrpByAge

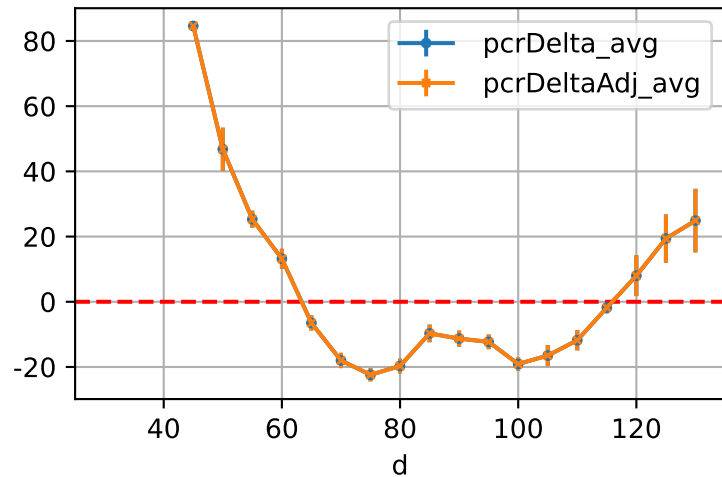


DeltaTypeAbbr=GrpByDay



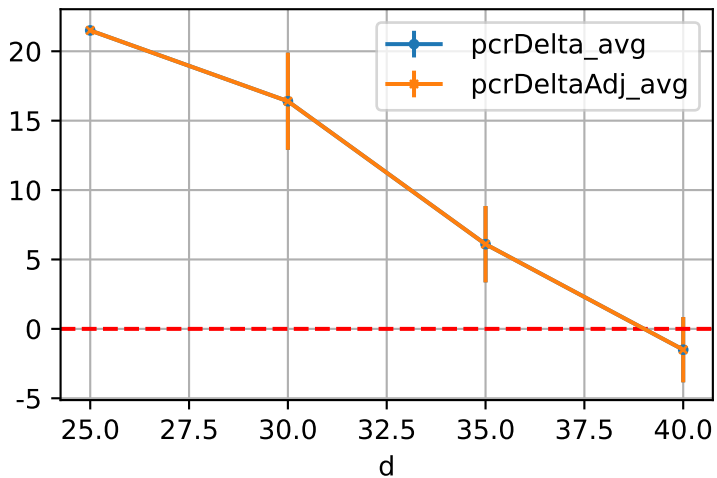
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DeltaTypeAbbr=WeiAvgByD

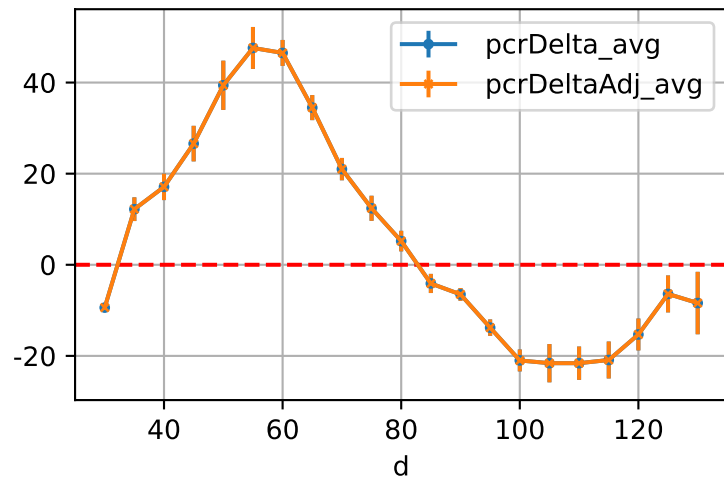


P10AW NdD: D_Q50_NdD

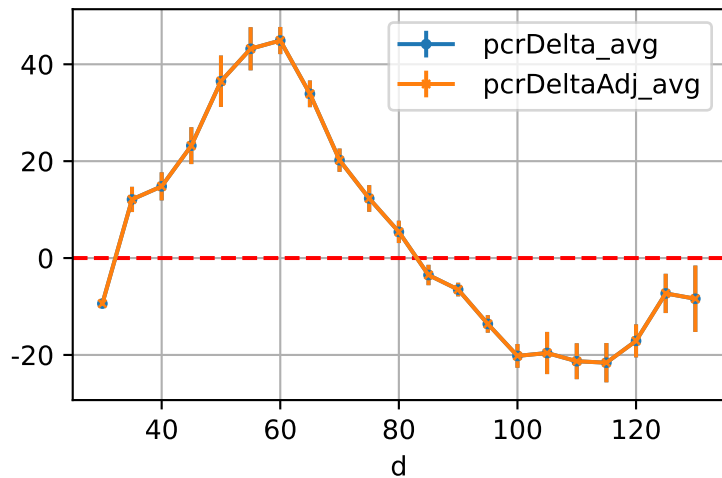
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

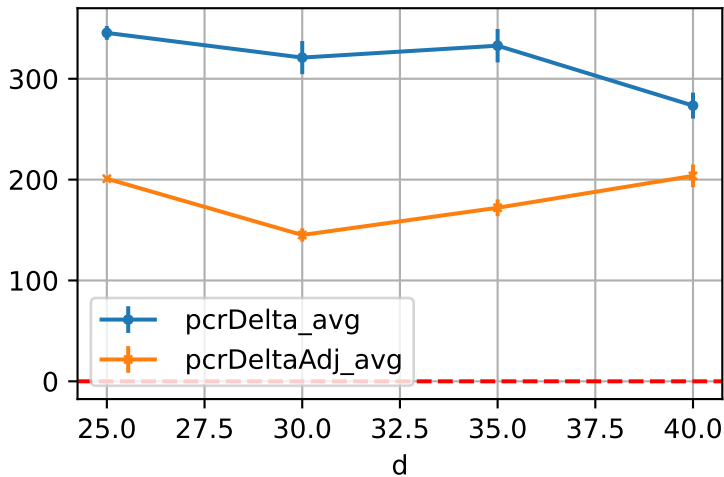


DeltaTypeAbbr=WeiAvgByD

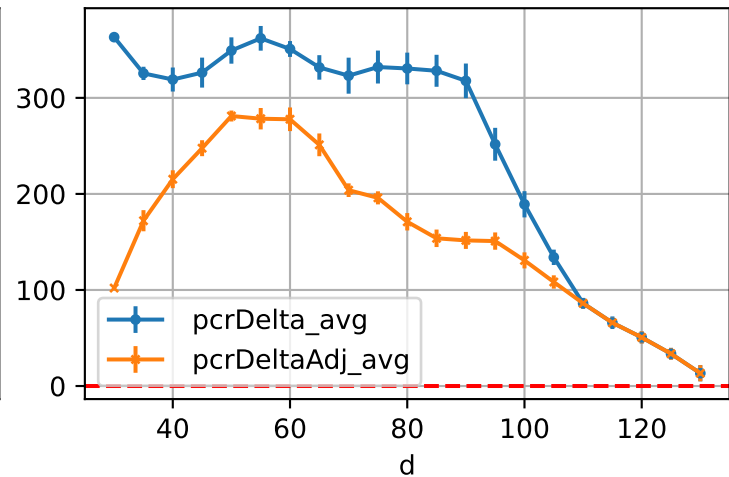


P10AW NdD: D_Est_NdD

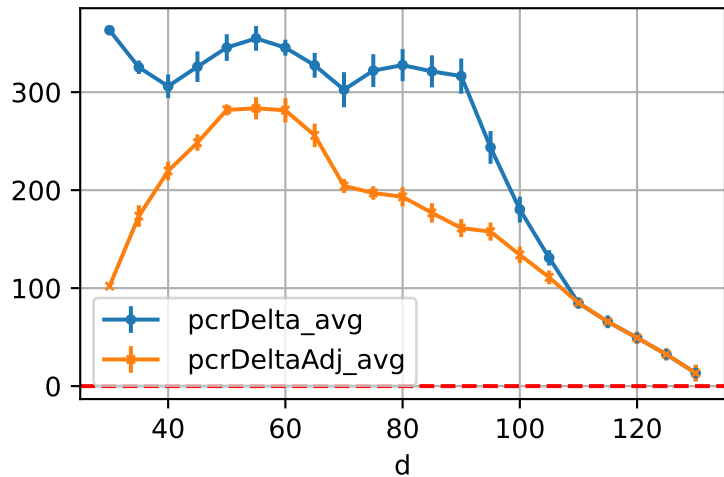
DeltaTypeAbbr=GrpByAge



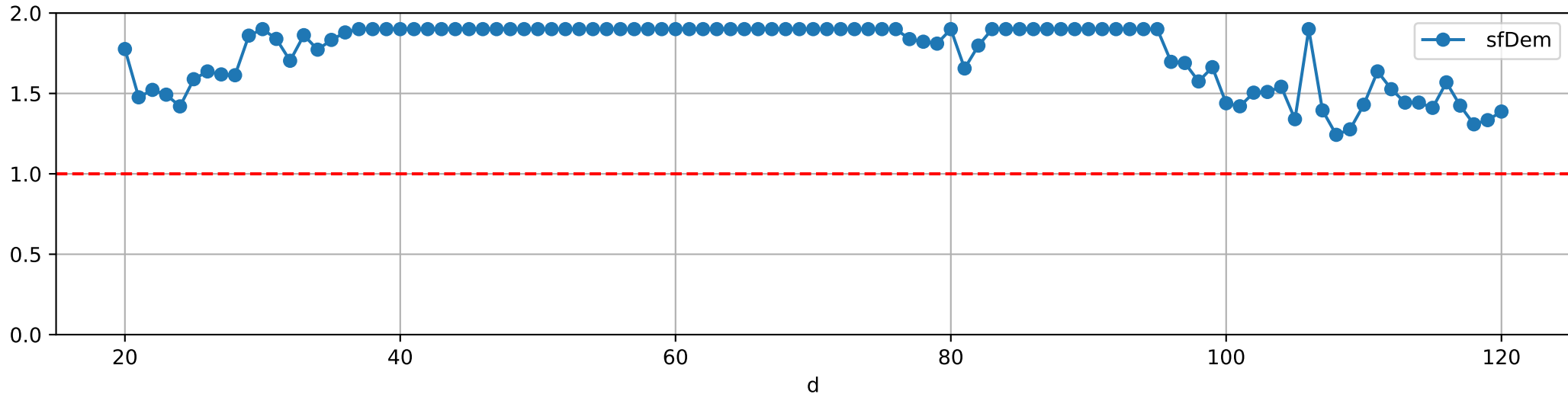
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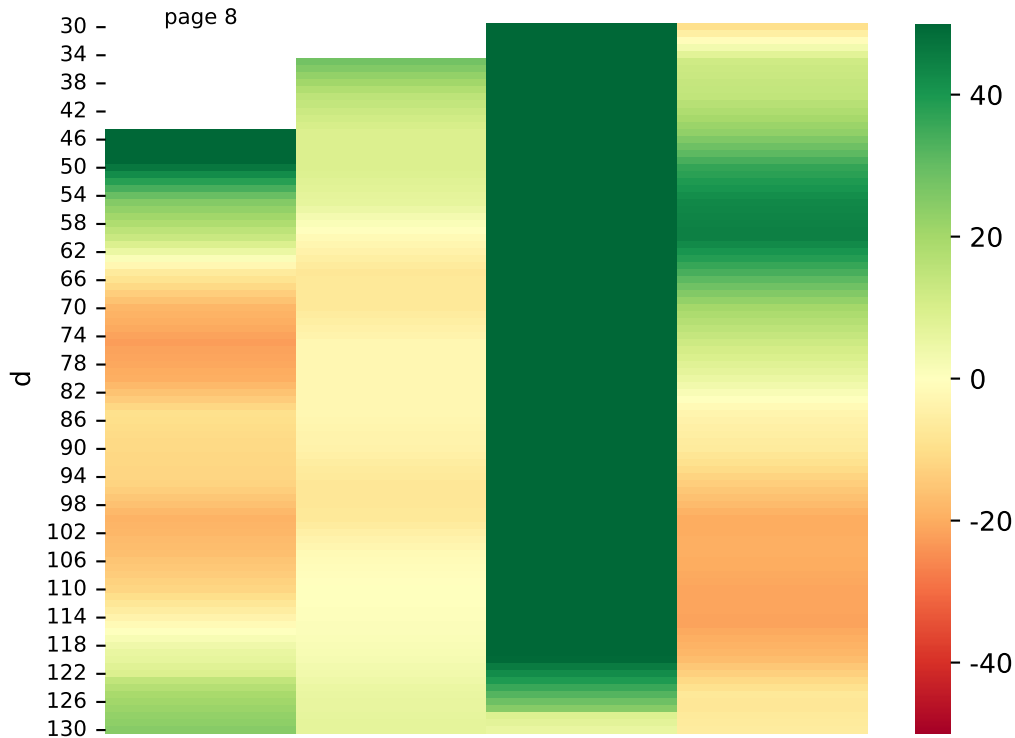


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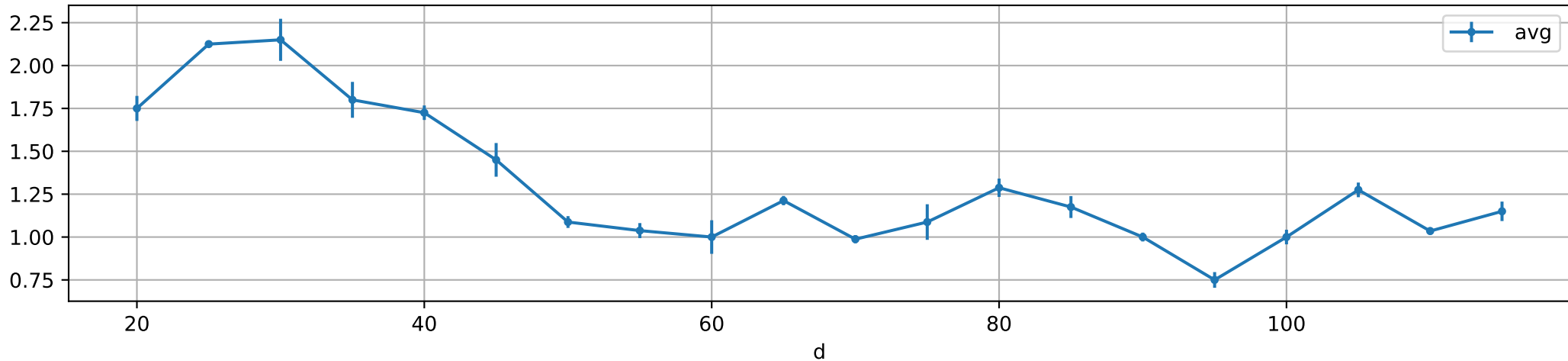


NdD: sfDem

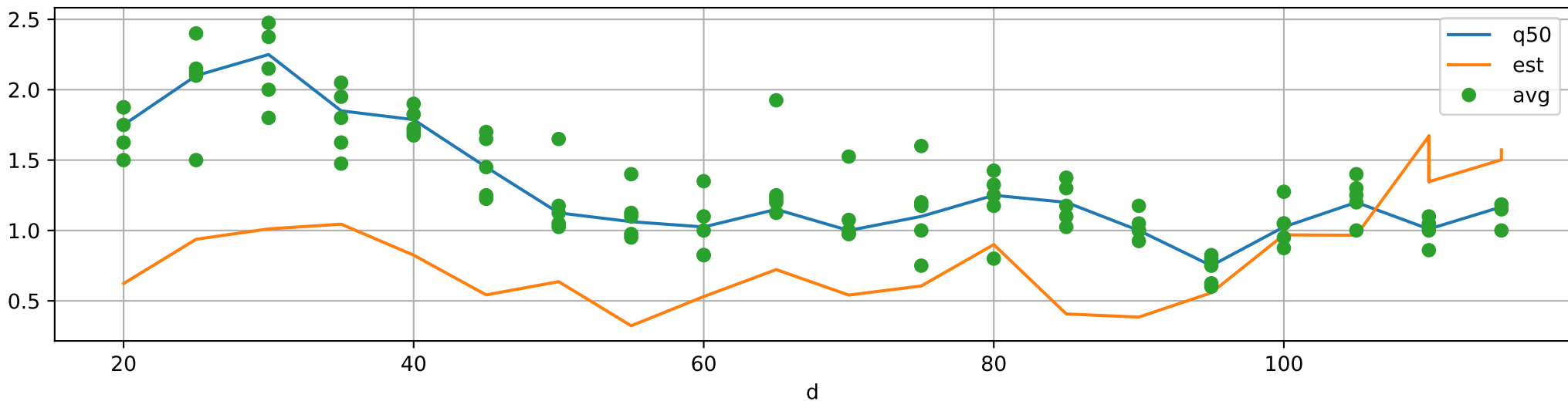




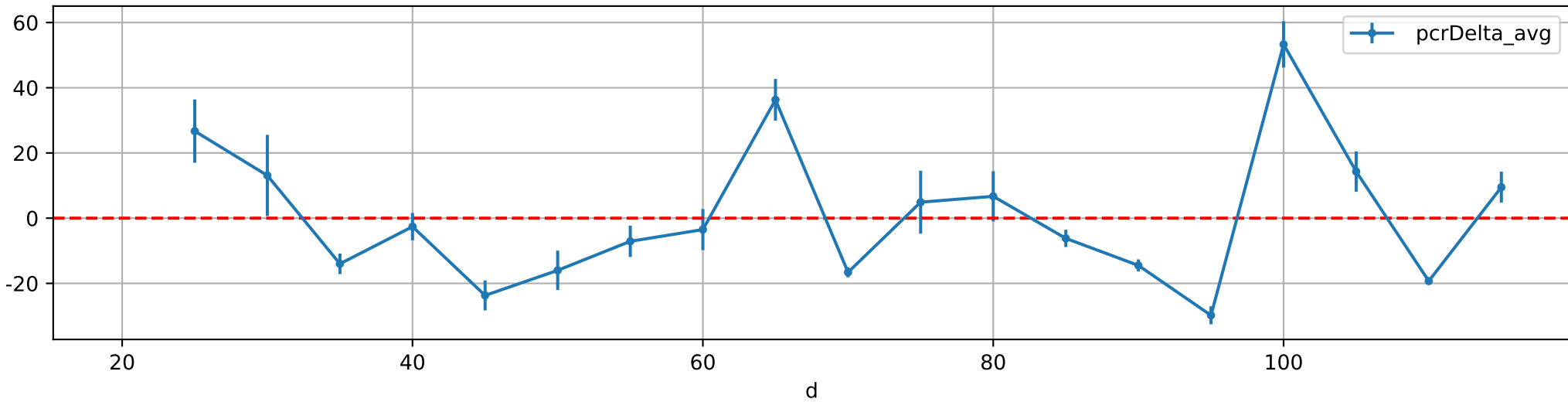
dStH: avg vs. d



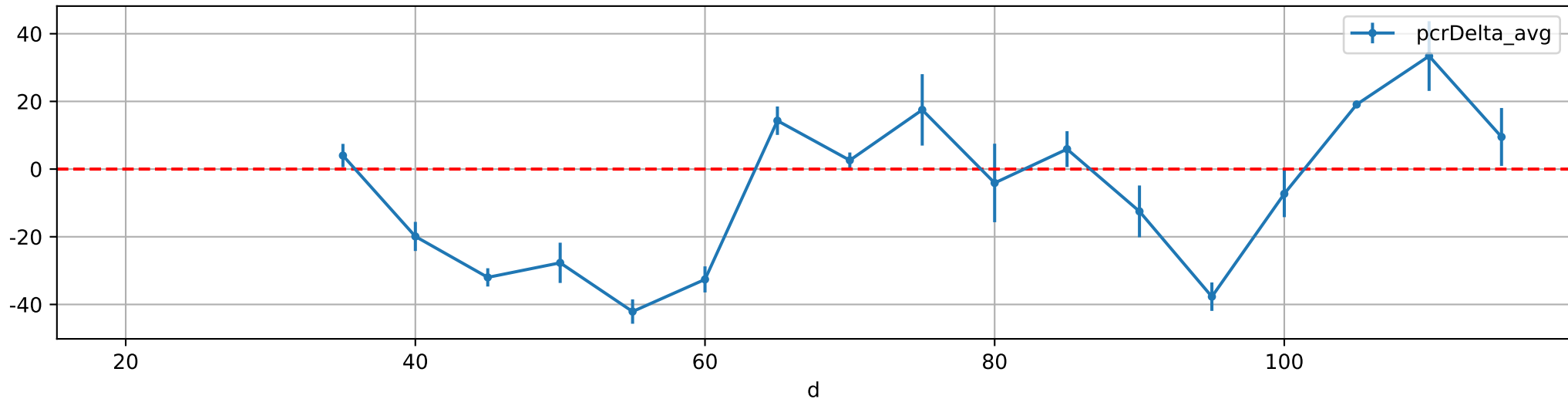
dStH: obsAvg vs obsOv@Q50



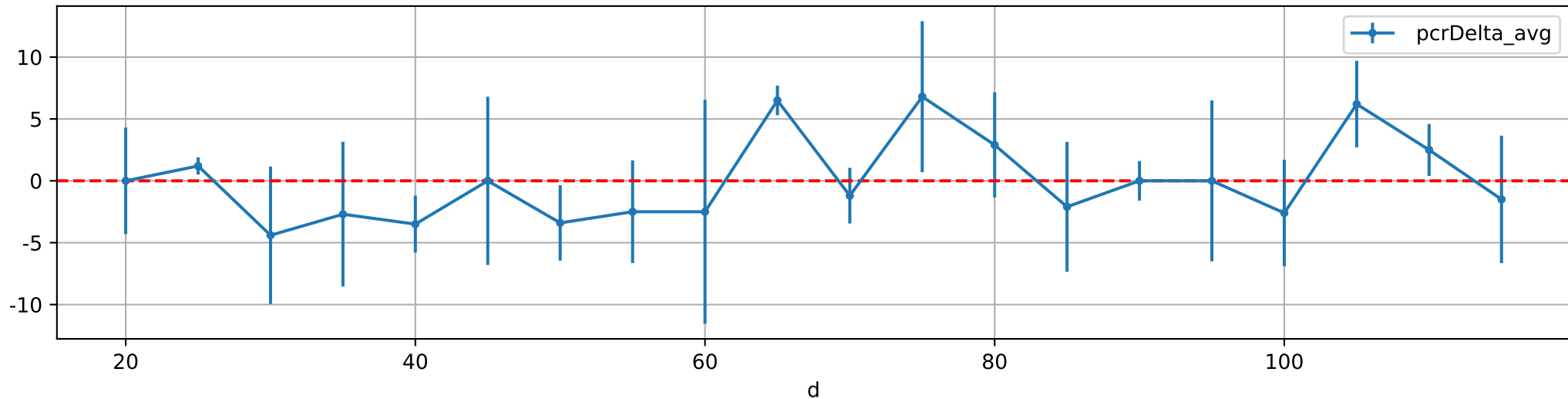
dStH: D_5d_StH



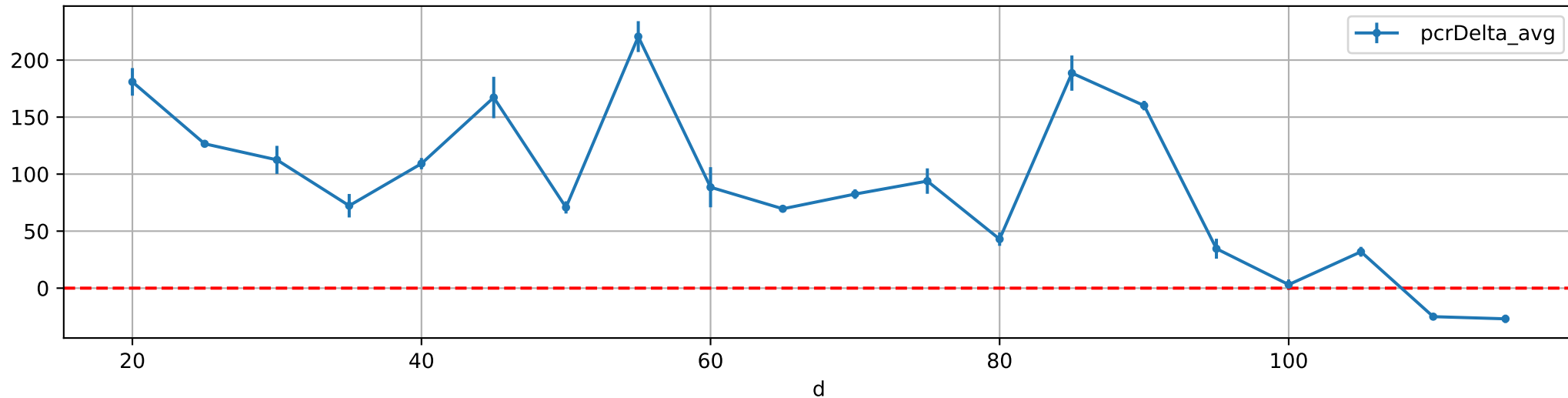
dStH: D_15d_StH



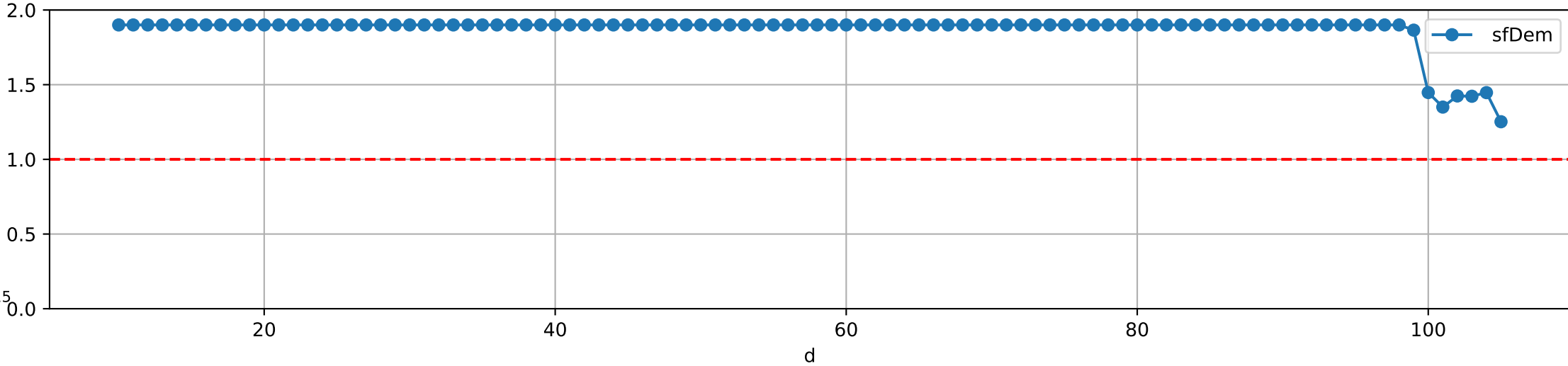
dStH: D_Q50_StH



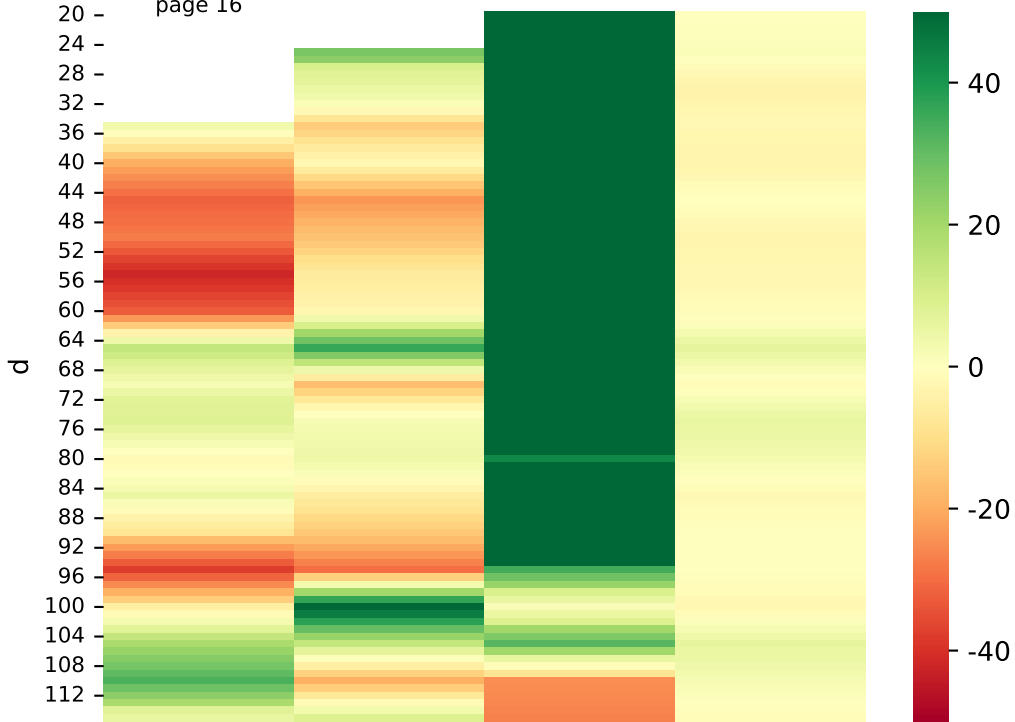
dStH: D_Est_StH



dStH: sfDem

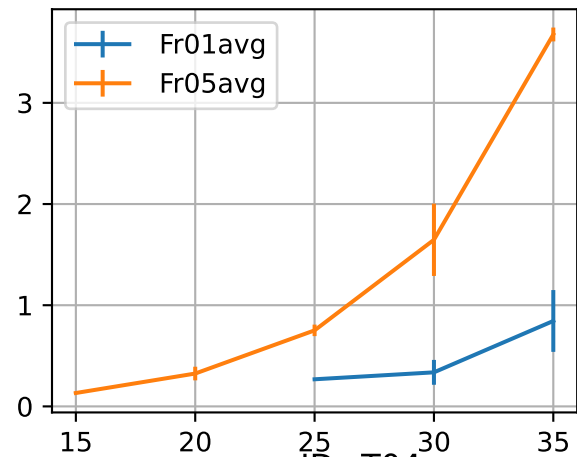


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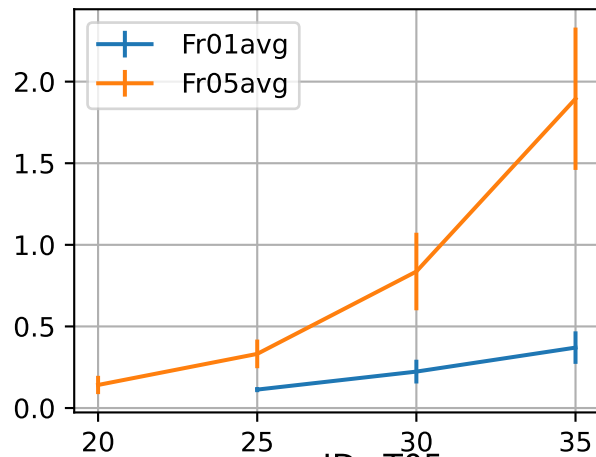


FrV: Fr01 vs Fr05 at each truss

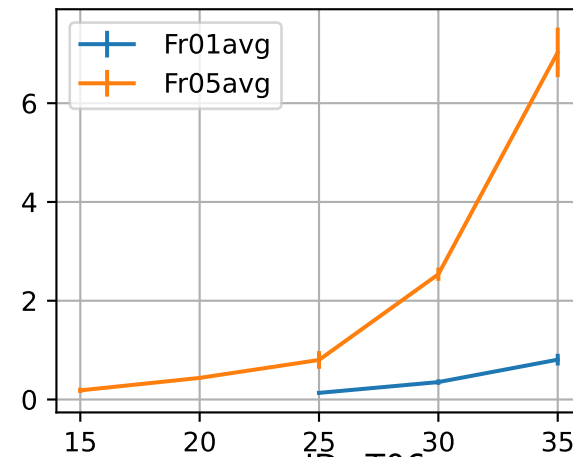
organID=T01



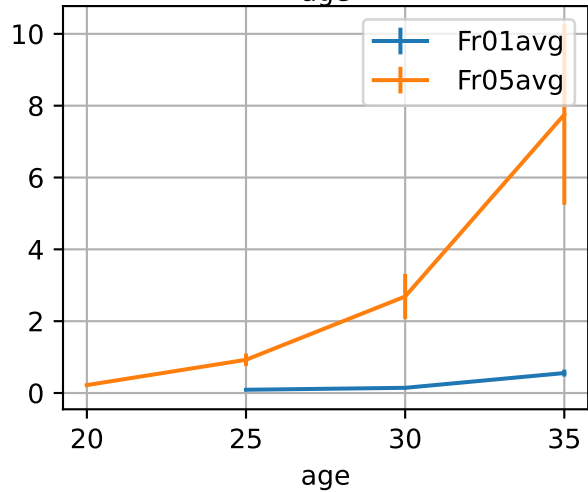
organID=T02



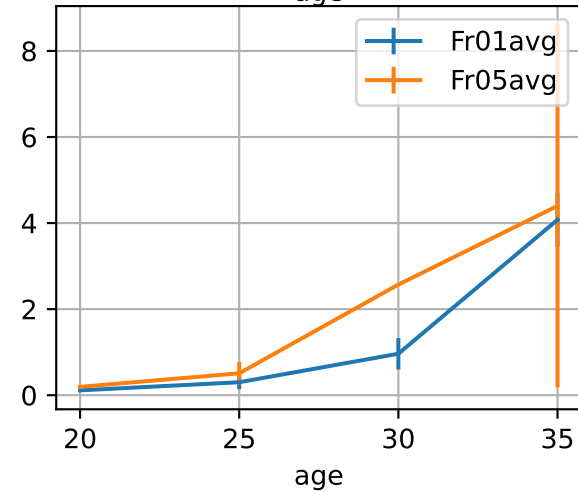
organID=T03



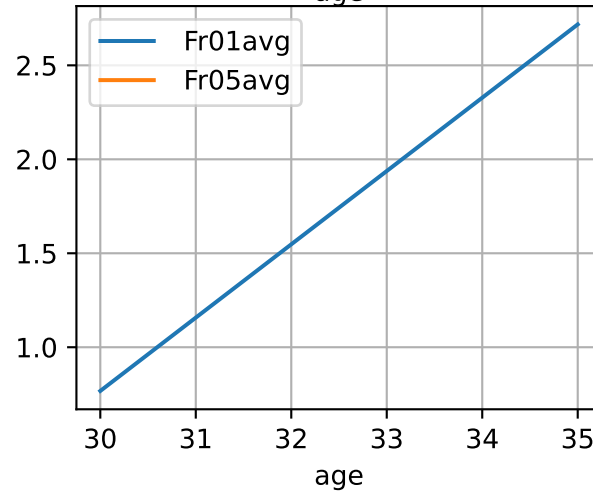
organID=T04



organID=T05

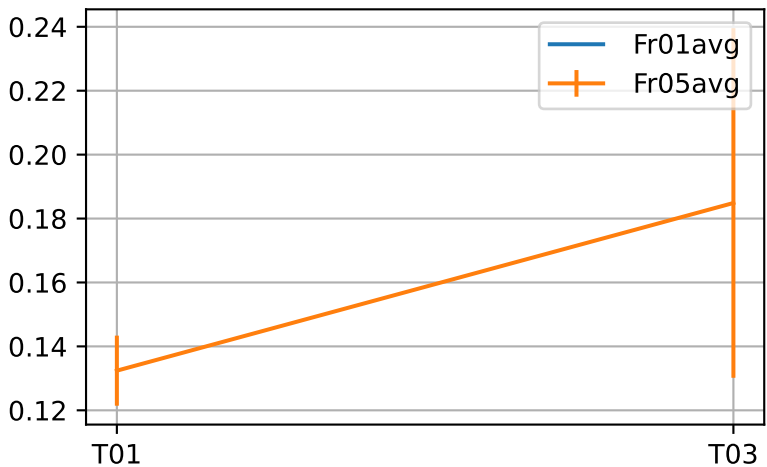


organID=T06

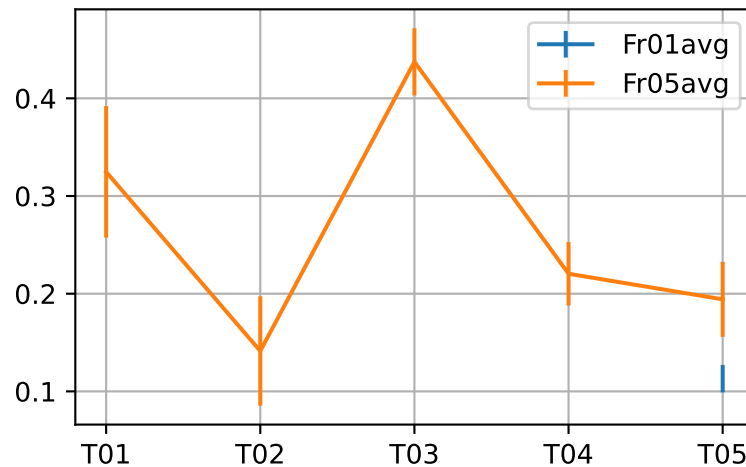


FrV trend at each age

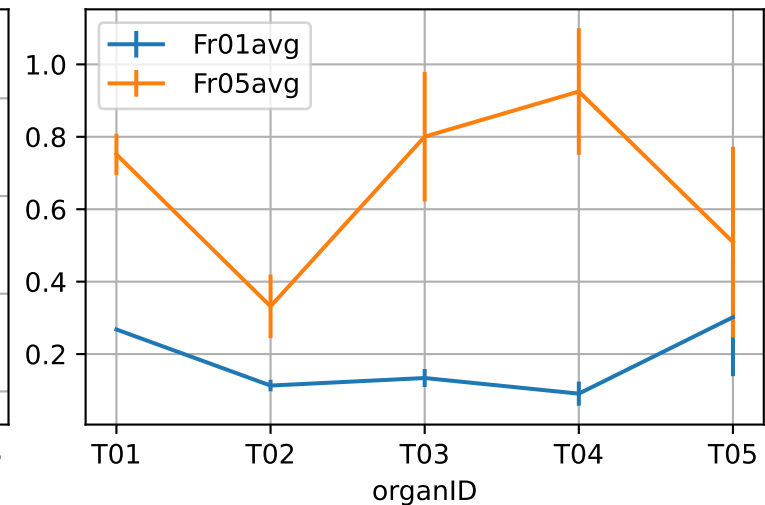
age=15



age=20



age=25

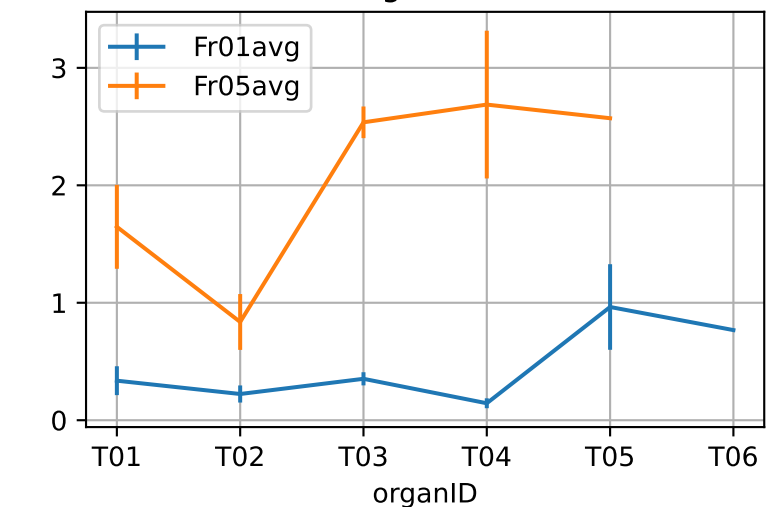


organID

organID

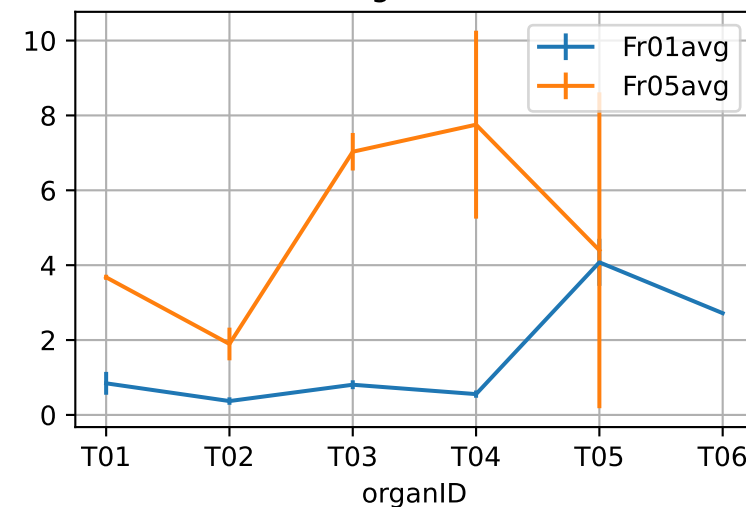
organID

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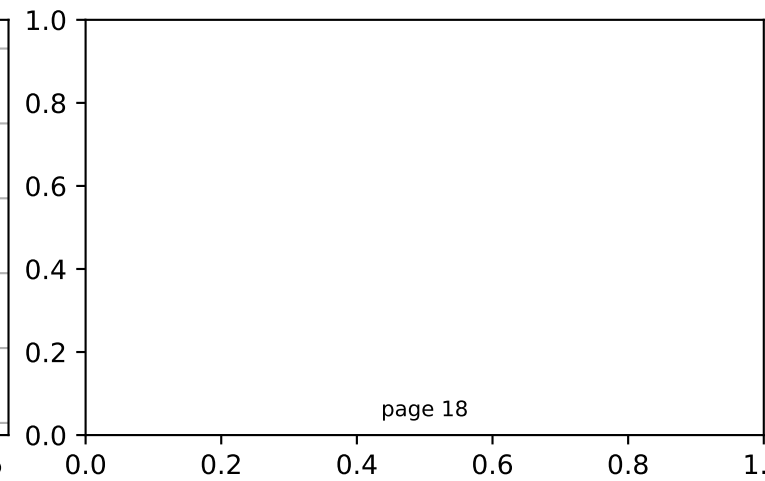


organID

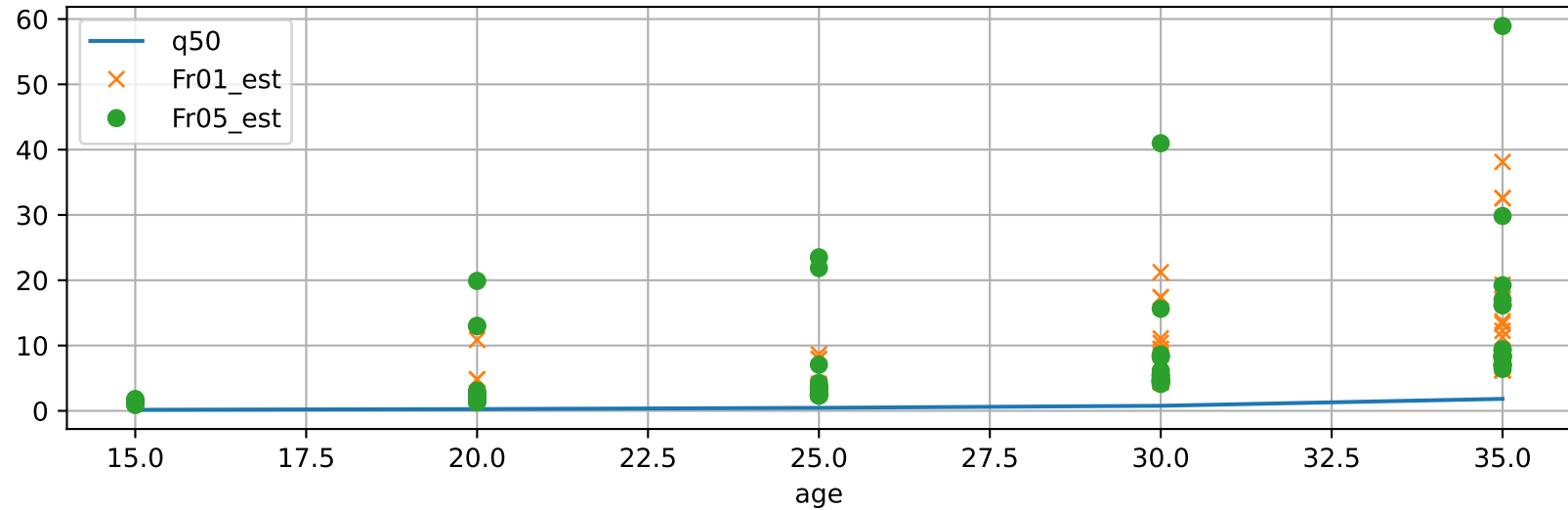
age=35



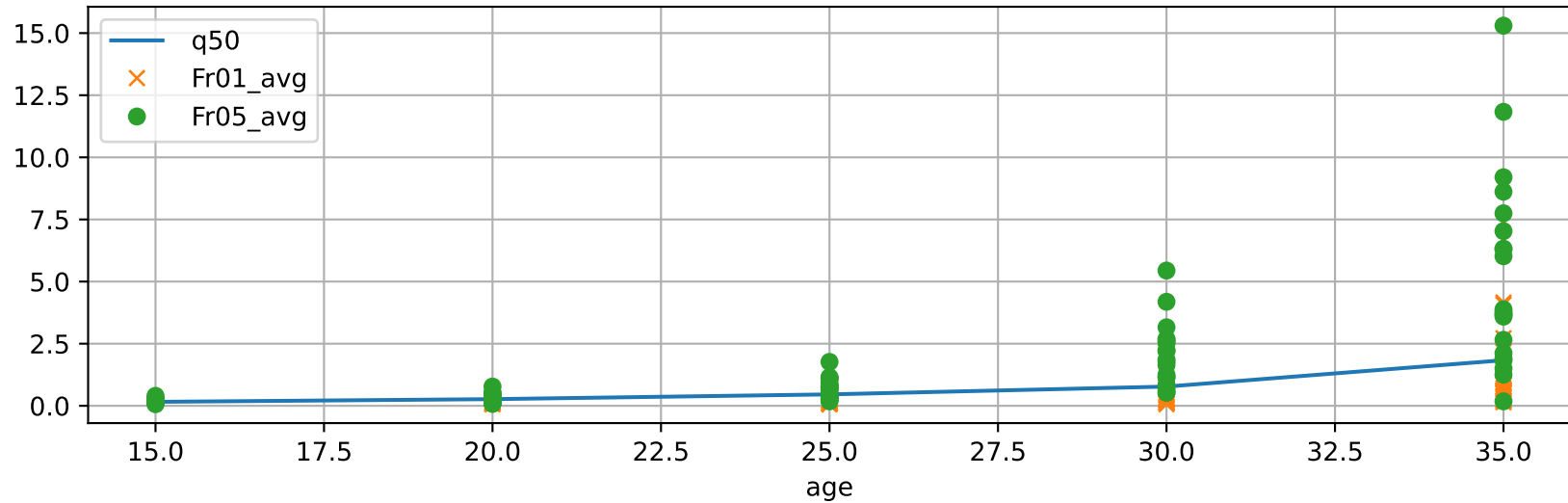
organID



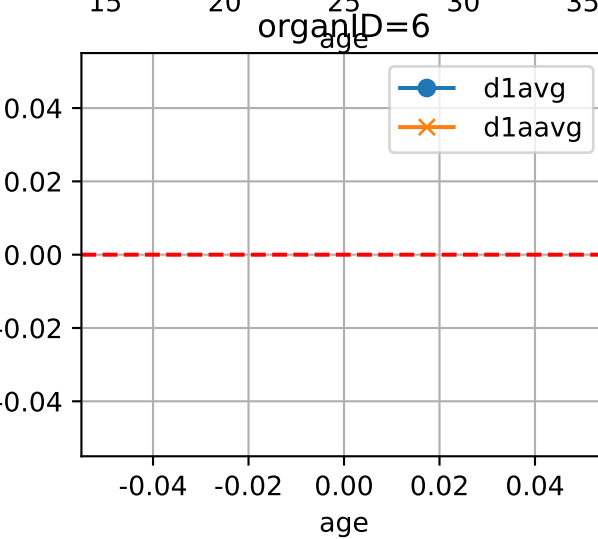
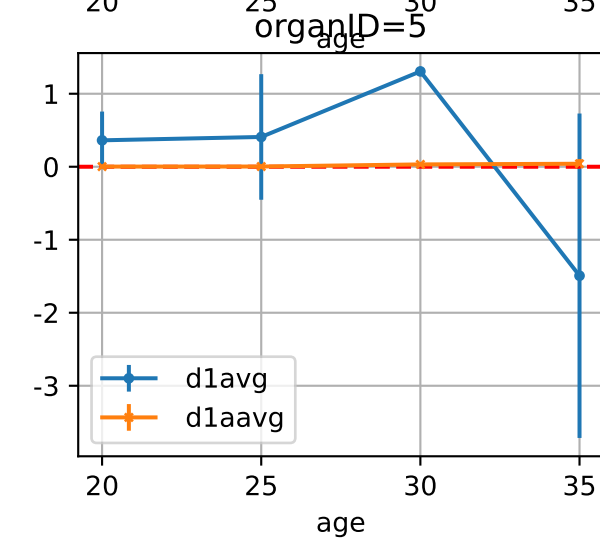
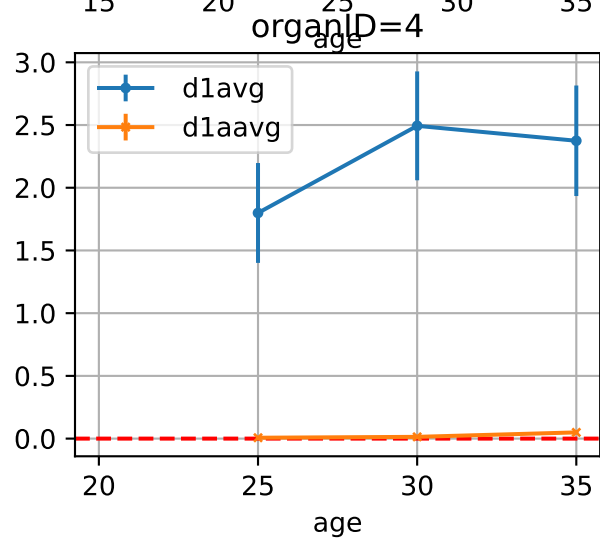
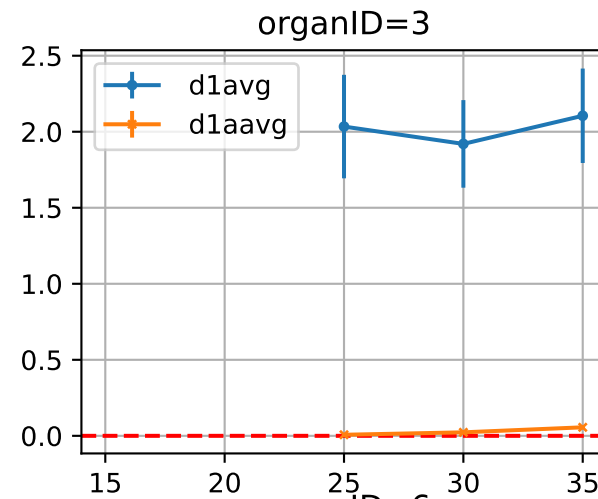
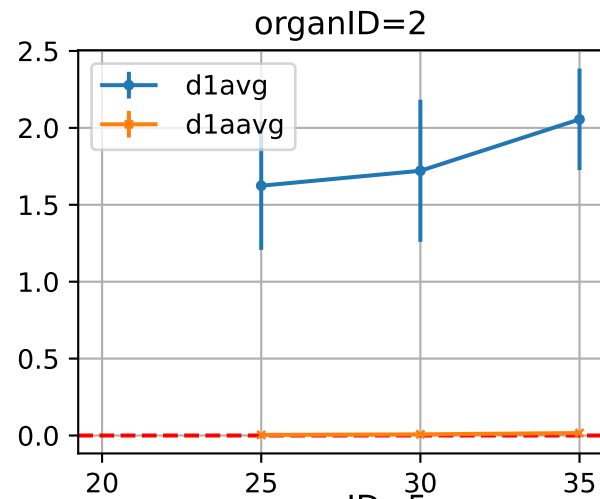
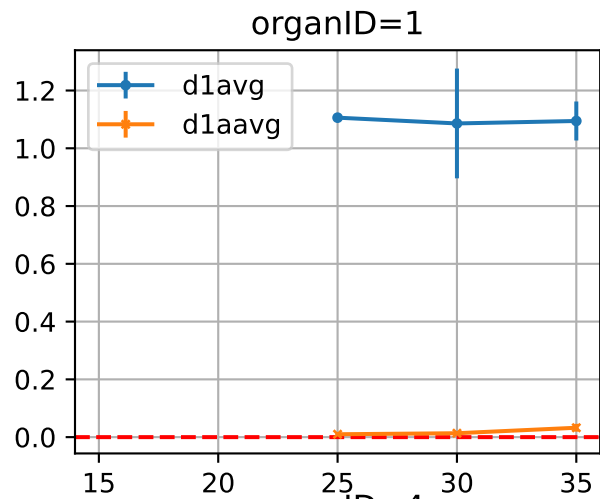
FrV: model Est vs obsFrV at Q90



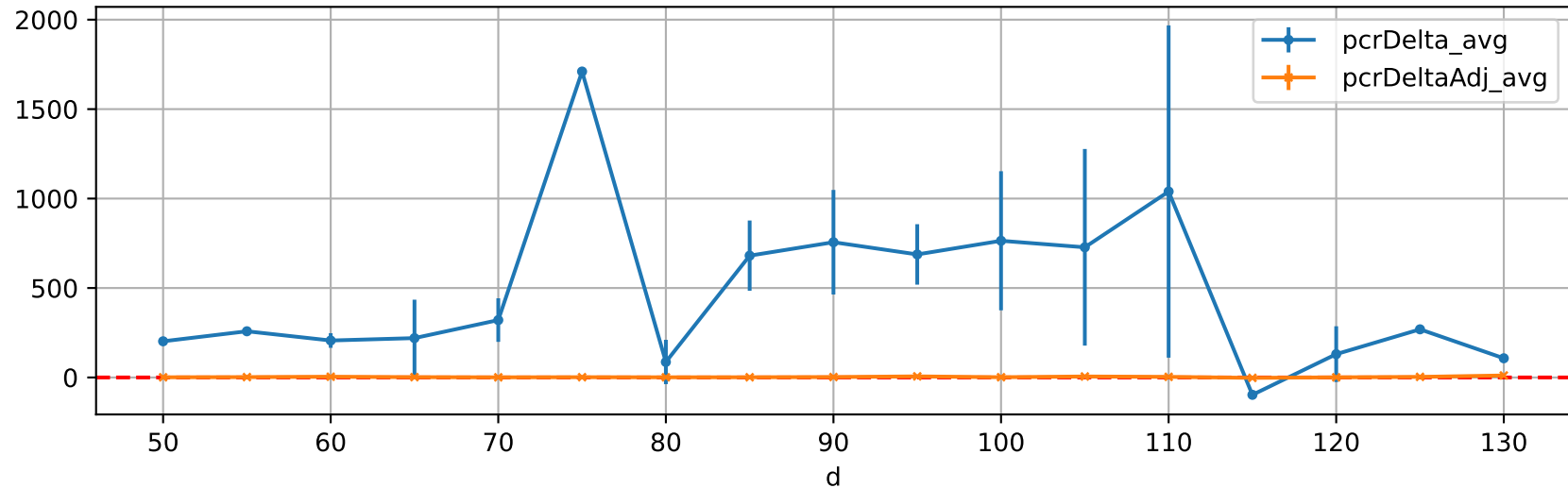
FrV: obsFrV vs obsFrV@Q90



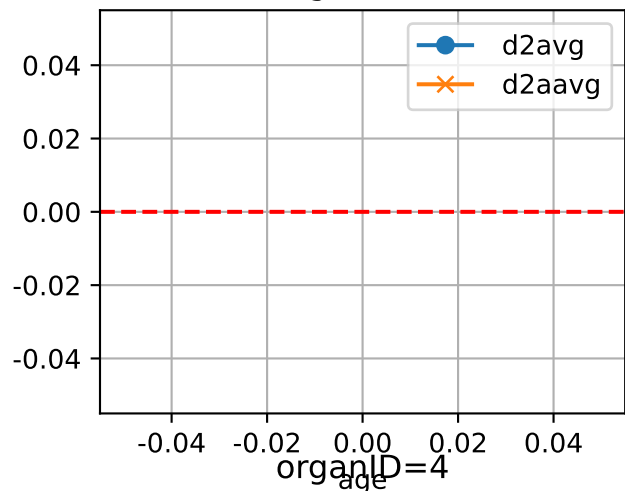
FrV: D_Fr1_FrV



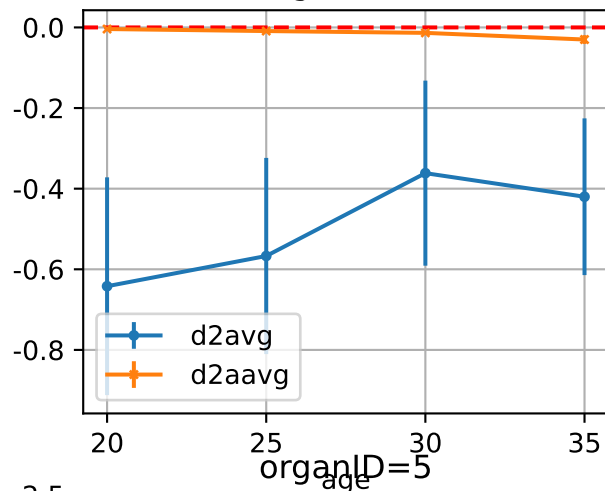
P10AW FrV: D_Fr1_FrV



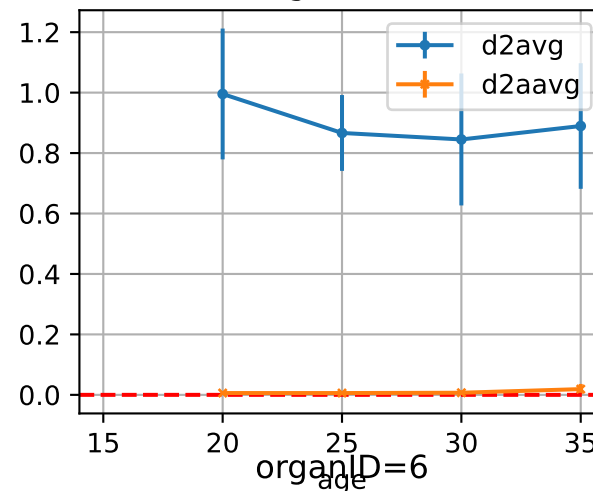
organID=1



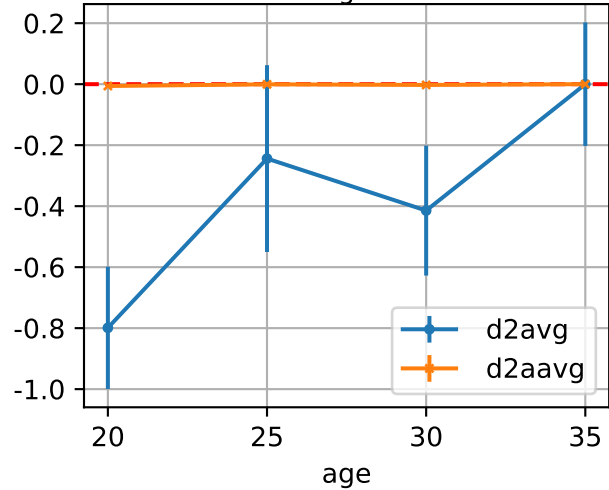
organID=2



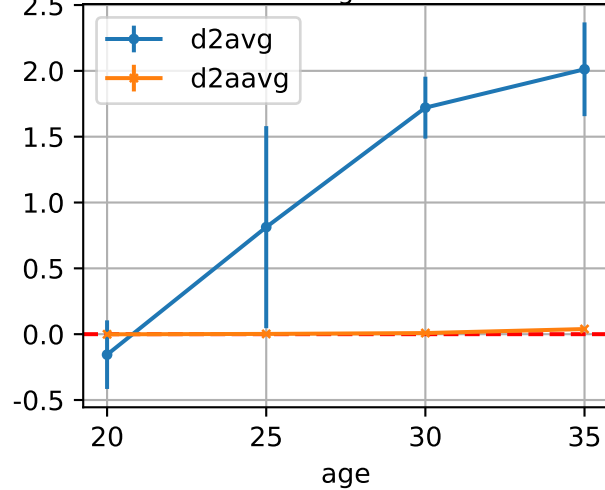
organID=3



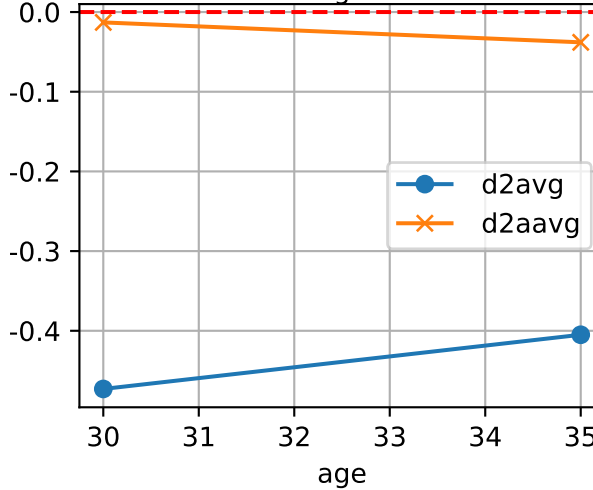
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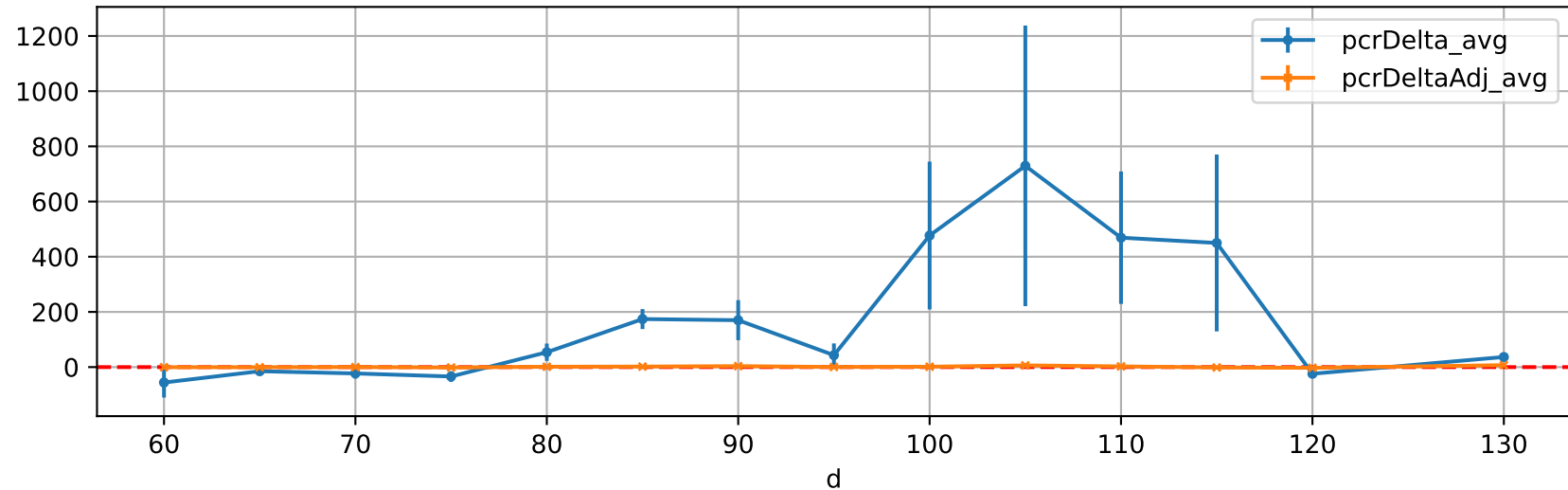
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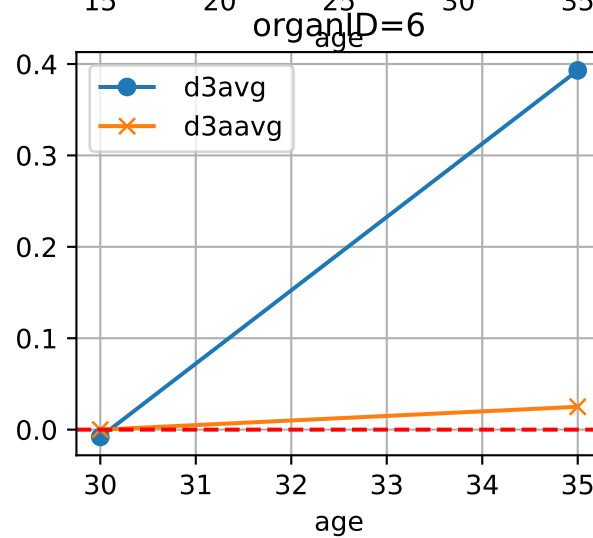
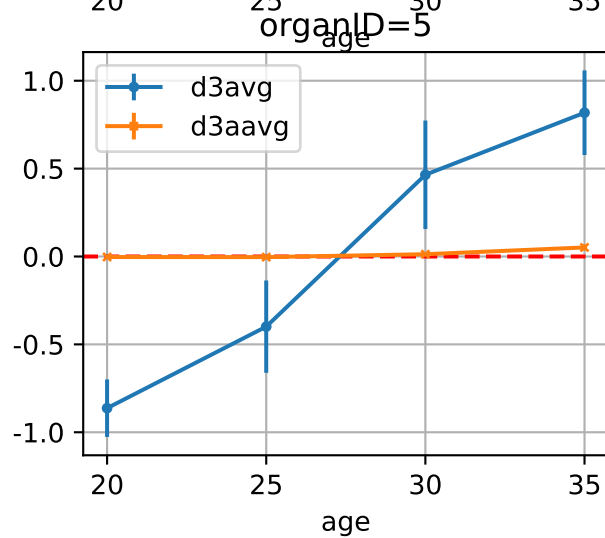
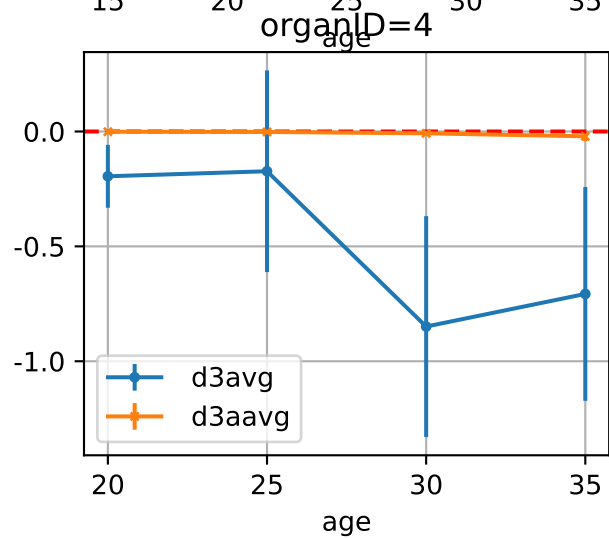
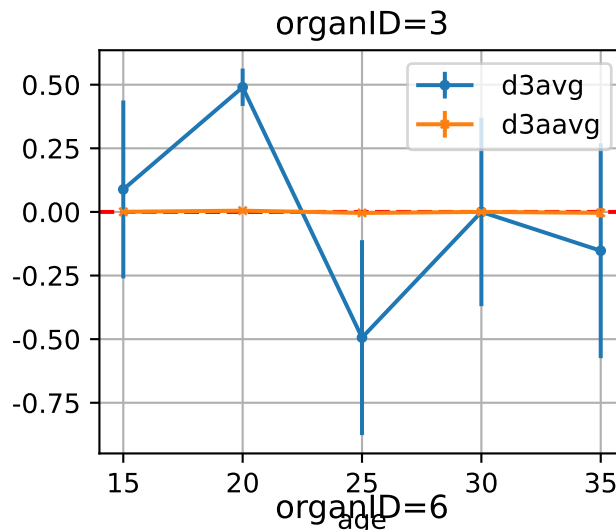
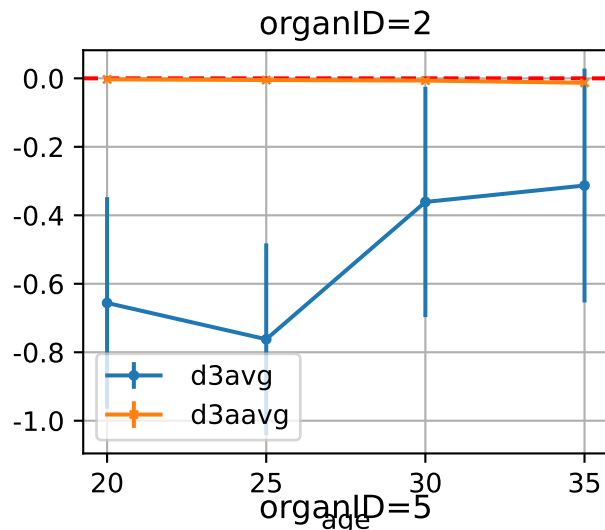
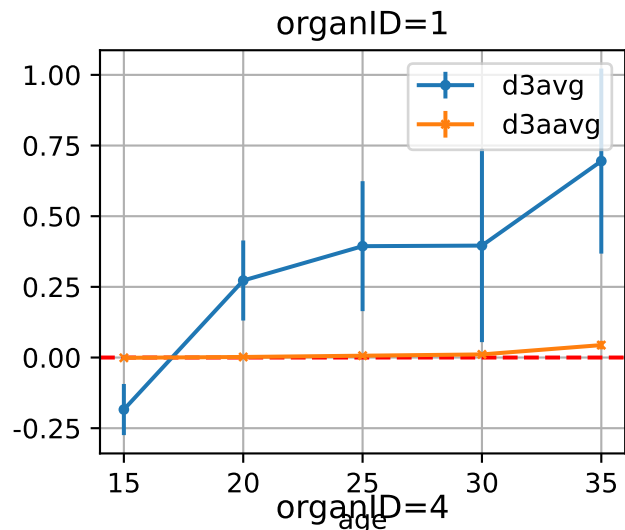


organID=6

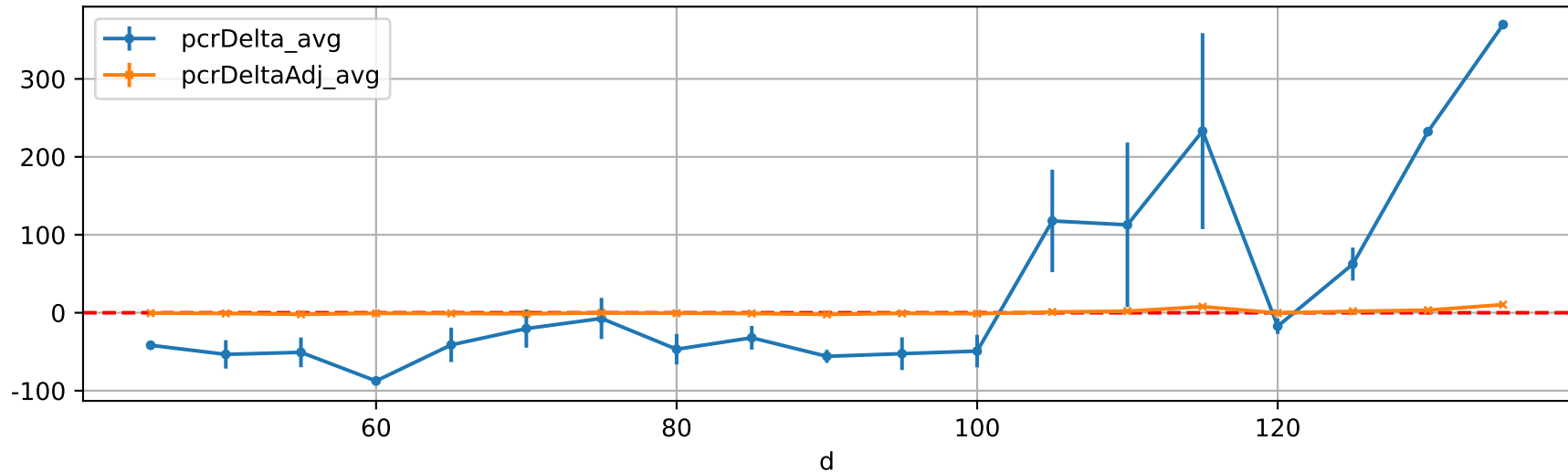


P10AW FrV: D_Ts_FrV

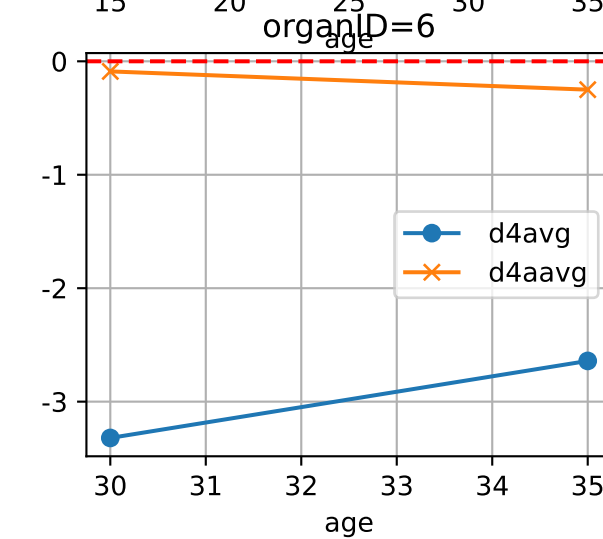
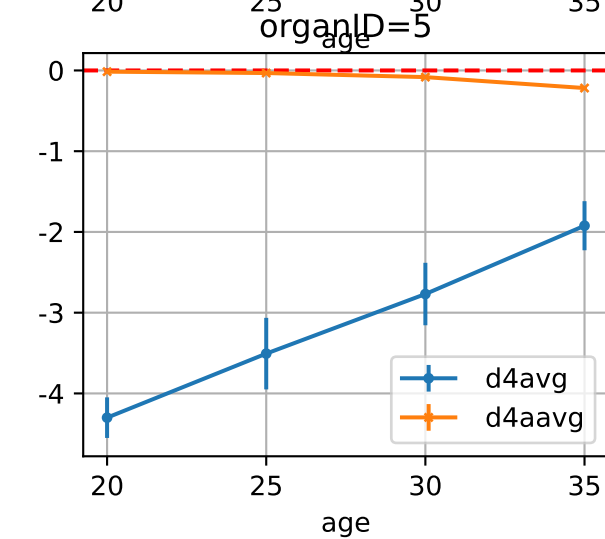
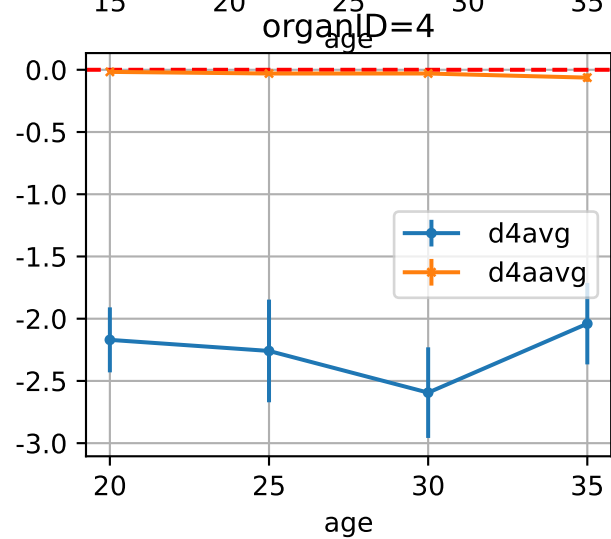
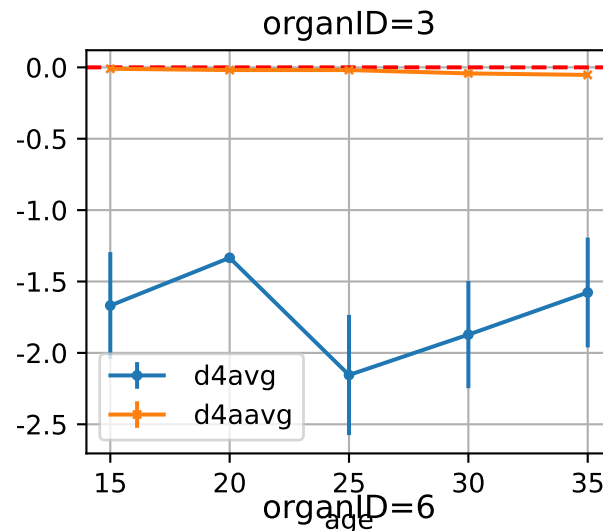
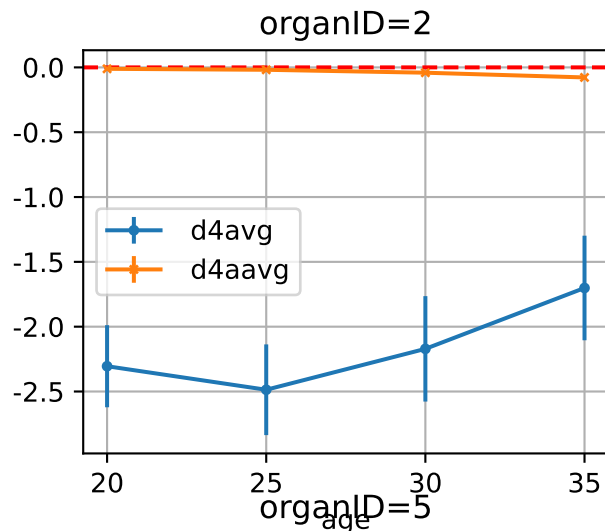
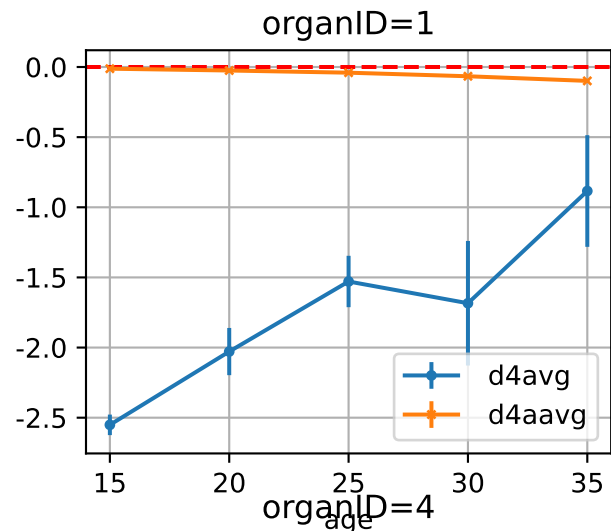




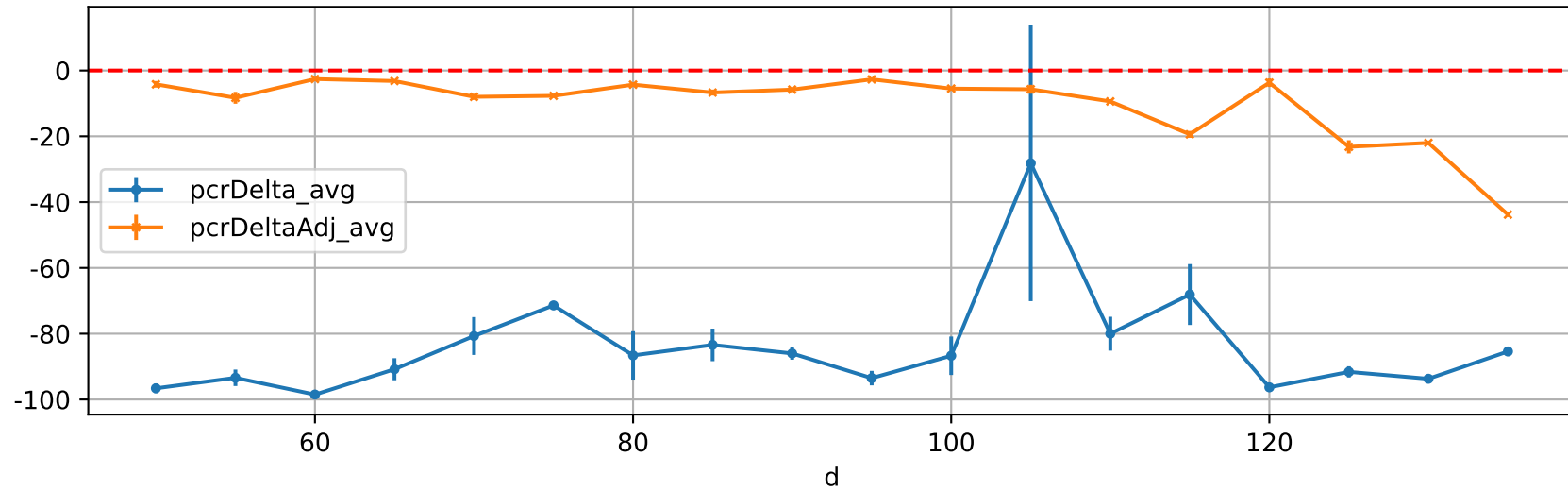
P10AW FrV: D_Q50_FrV



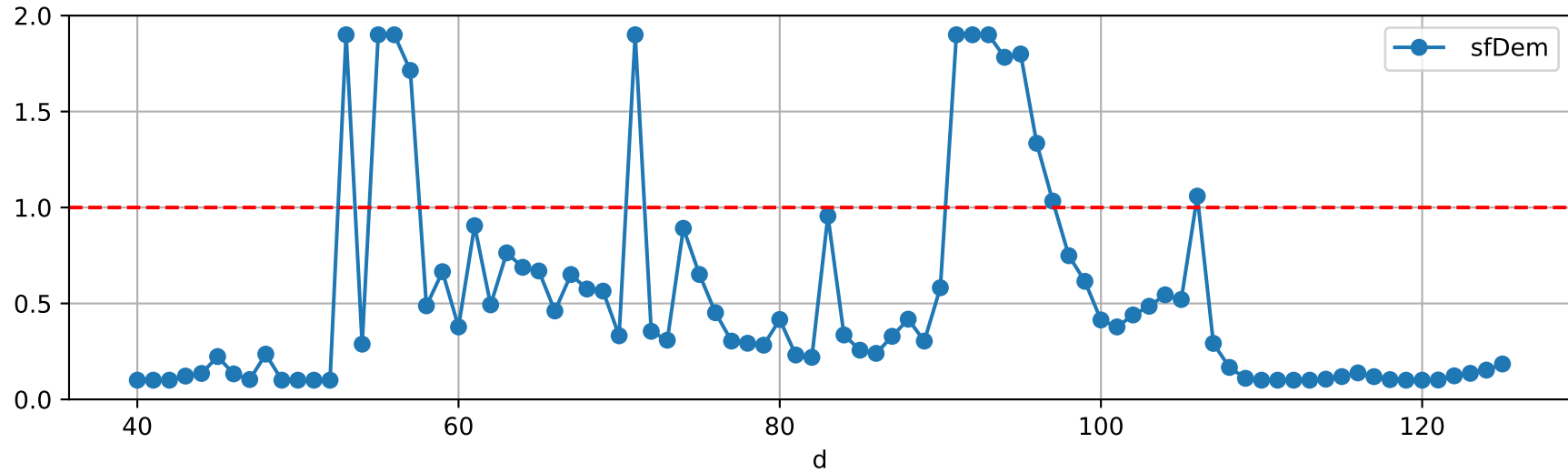
FrV: D_Est_FrV

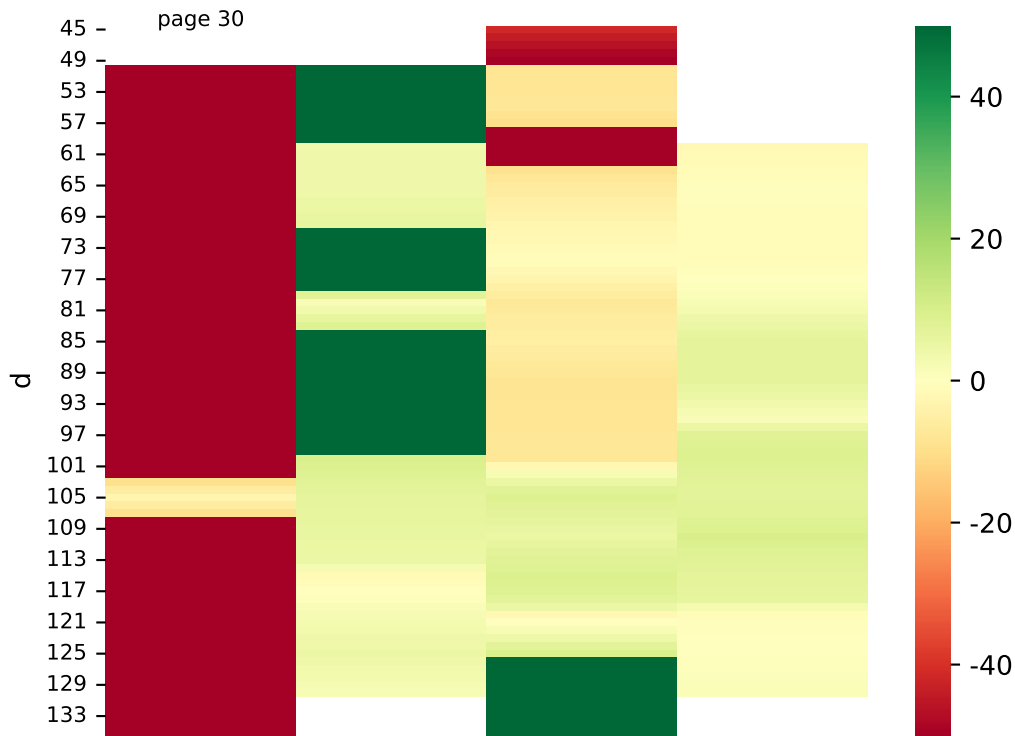


P10AW FrV: D_Est_FrV



P10AW FrV: sfDem





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