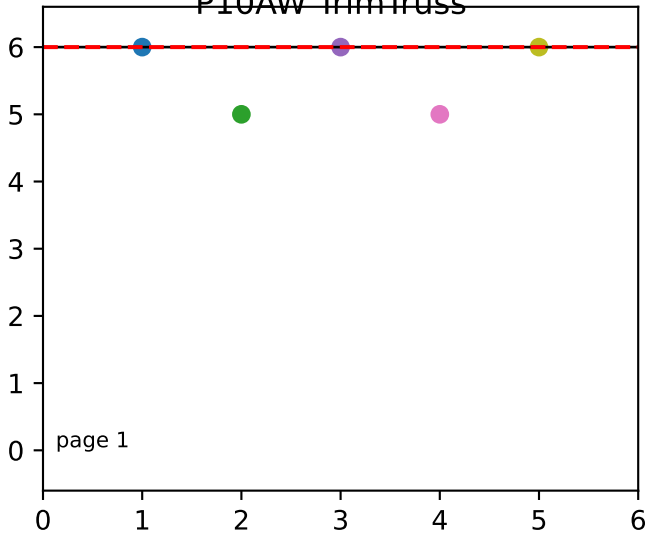


Phenotype Data Analysis Plots
PhenoData day range = 18 - 164
Analysis cutoff day = 164
NC11 P10
2026-04-01 (Day 165)

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

P10AW

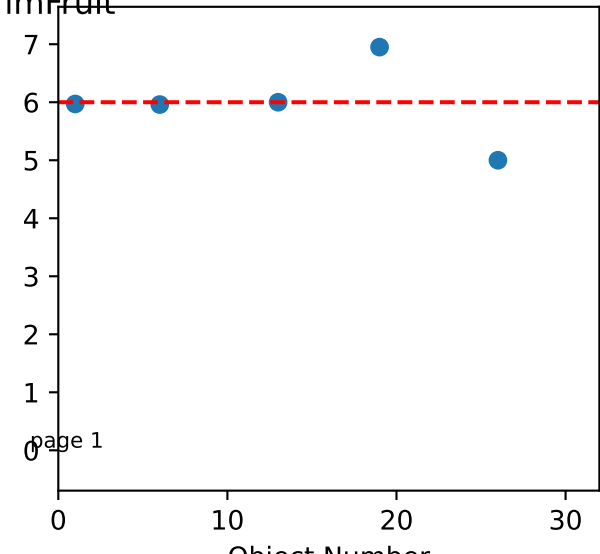
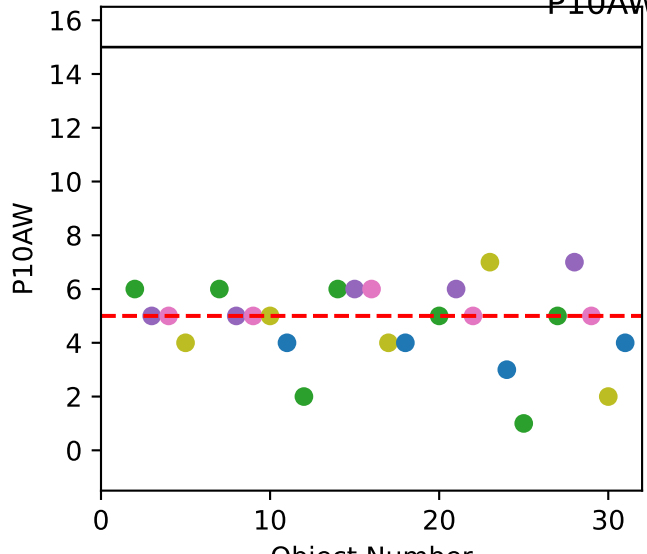


page 1

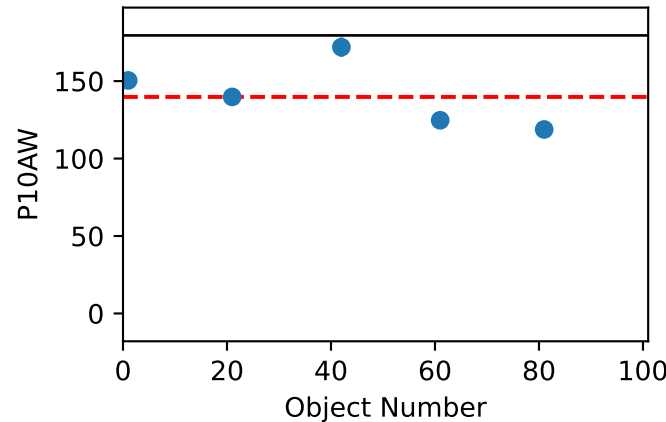
avg1=5.0~30% avgz=na

P10AW TrimFruit

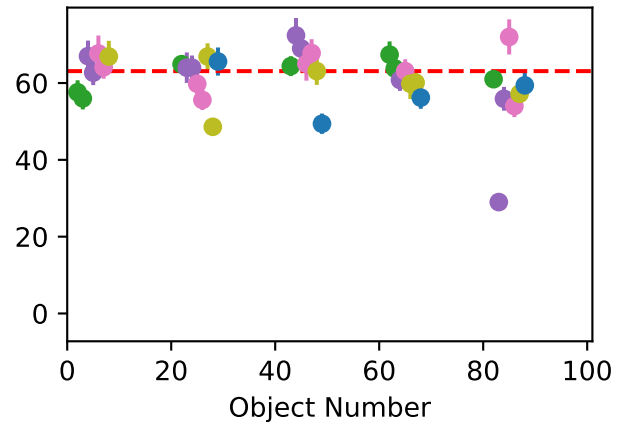
avg1=6.0~0% avgz=na



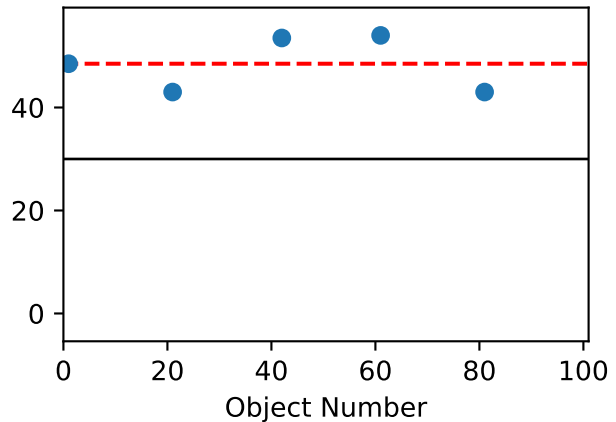
FrV_Q90AbsY (Def=179.5 Set=159.6)
avg1=139.8~15% avg2=na



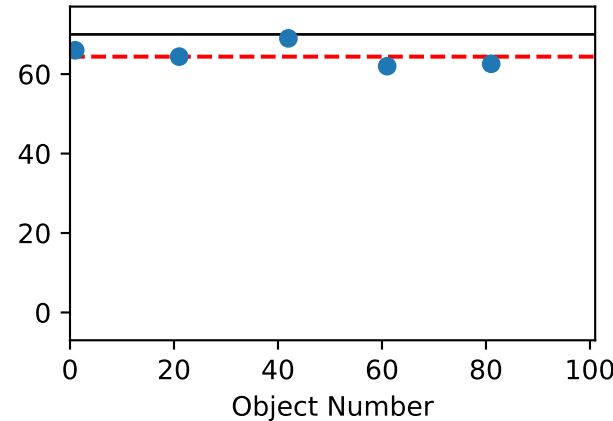
FrD_avgAbsY (Def=na Set=65.1)
avg1=63.1~9% avg2=na



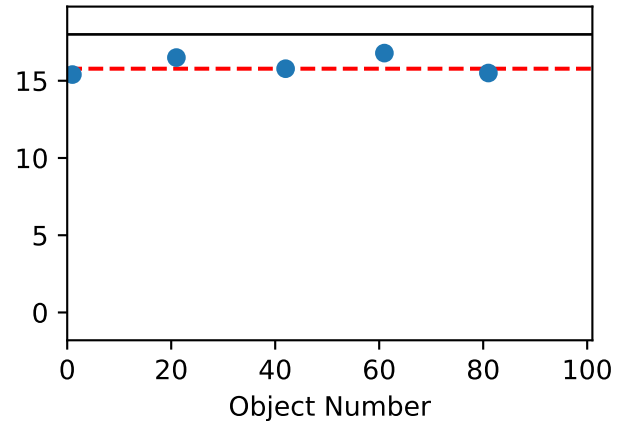
LfW_Q90AbsY (Def=50 Set=48.5)
avg1=48.5~11% avg2=na



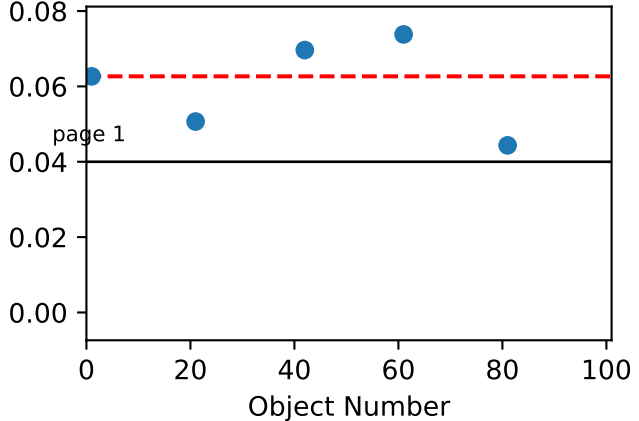
FrD_Q90AbsY (Def=70 Set=64.4)
avg1=64.4~4% avg2=na



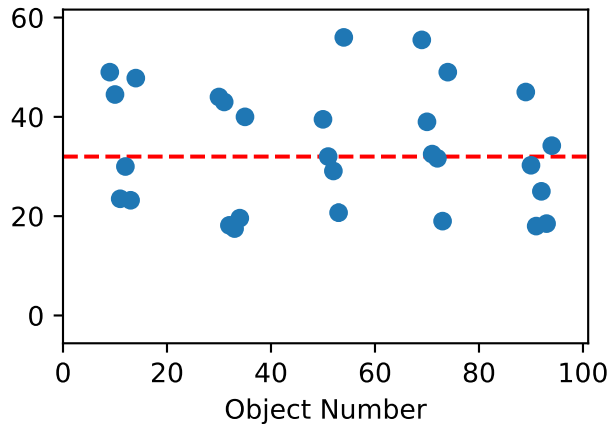
NdD_Q90AbsY (Def=18 Set=15.78)
avg1=15.78~4% avg2=na



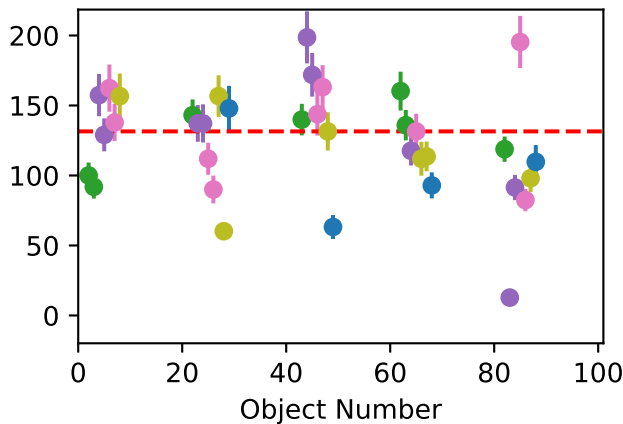
LfA_Q90AbsY (Def=0.04 Set=0.06)
avg1=0.06~20% avg2=na



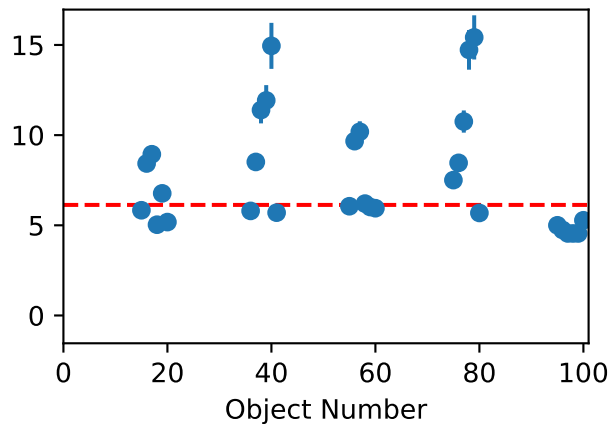
LfW_avgAbsY (Def=na Set=32.0)
avg1=32.0~38% avg2=na



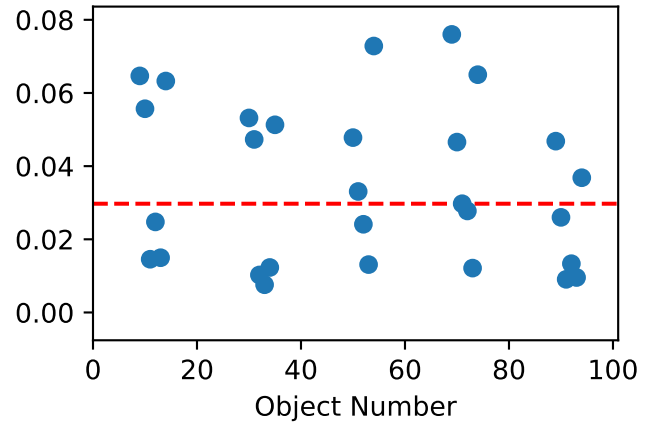
FlV_avgAbsY (Def=na Set=131.49)
avg1=131.49~25% avg2=na



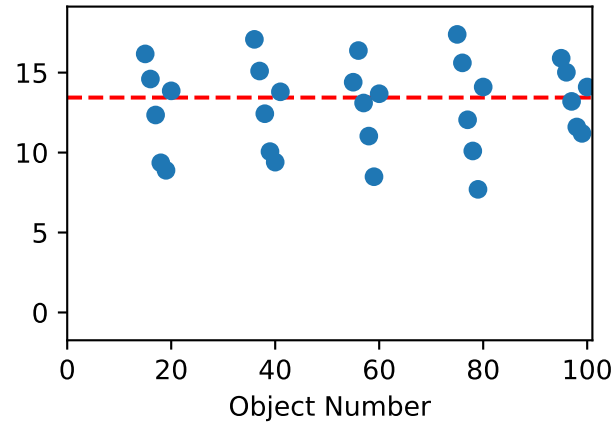
NdL_avgAbsY (Def=na Set=6.13)
avg1=6.13~53% avg2=na



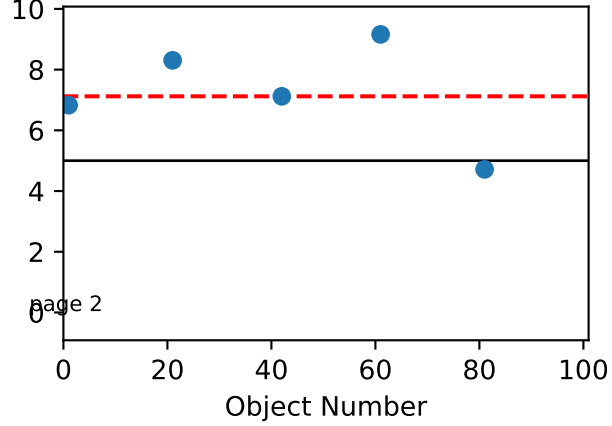
LfA_avgAbsY (Def=na Set=0.03)
avg1=0.03~73% avg2=na



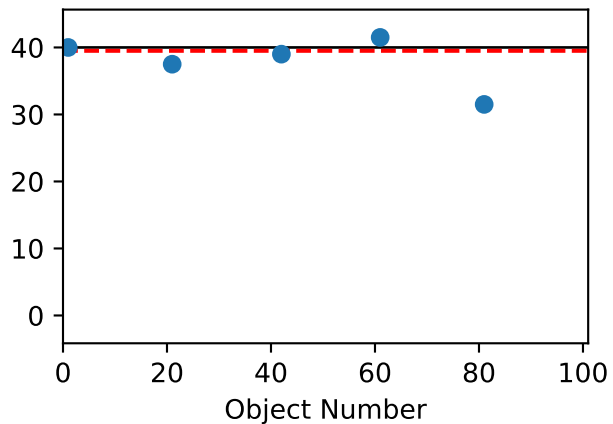
NdD_avgAbsY (Def=na Set=13.44)
avg1=13.44~20% avg2=na



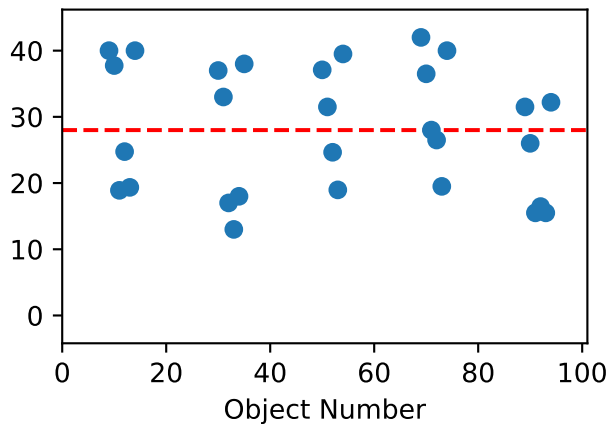
NdL_Q90AbsY (Def=5 Set=7.12)
avg1=7.12~24% avg2=na



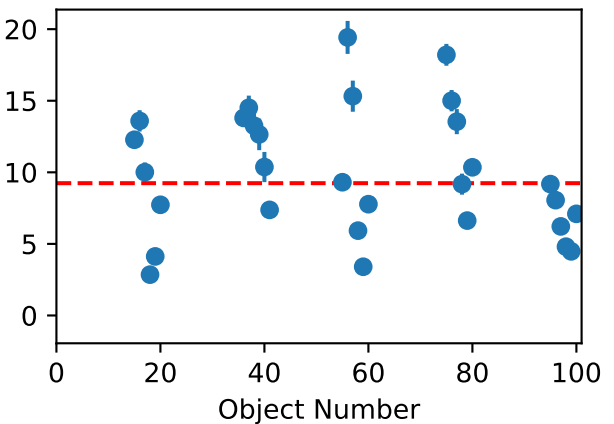
LIL_Q90AbsY (Def=40 Set=59.5)
avg1=39.5~4% avg2=na



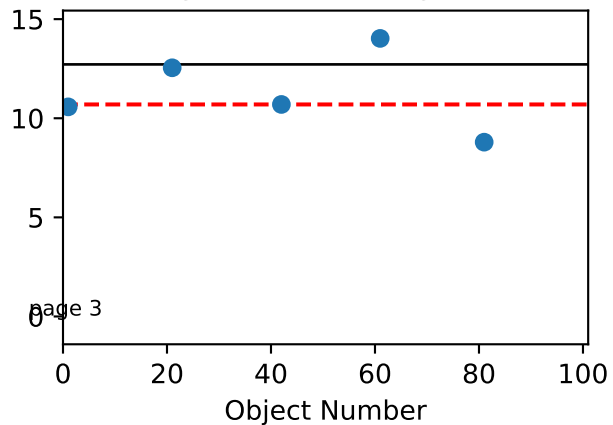
LIL_avgAbsY (Def=na Set=28.0)
avg1=28.0~24% avg2=na



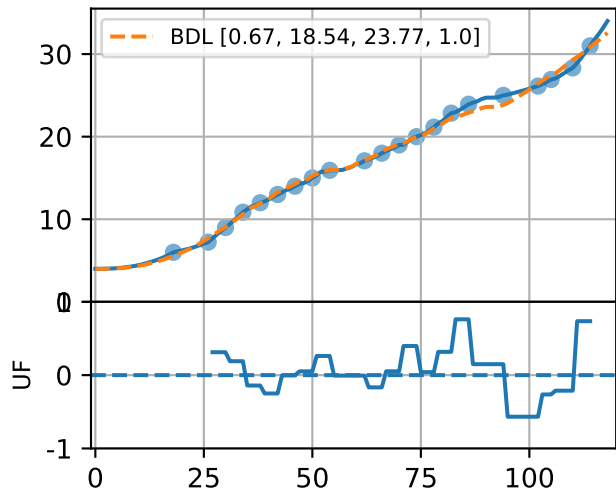
NdV_avgAbsY (Def=na Set=9.24)
avg1=9.24~47% avg2=na



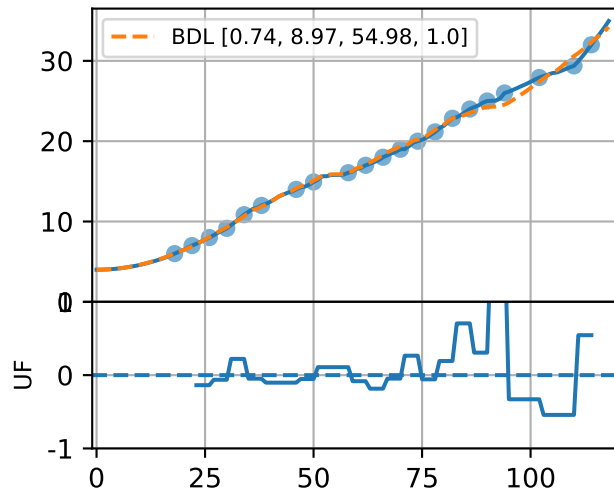
NdV_Q90AbsY (Def=12.72 Set=10.7)
avg1=10.7~19% avg2=na



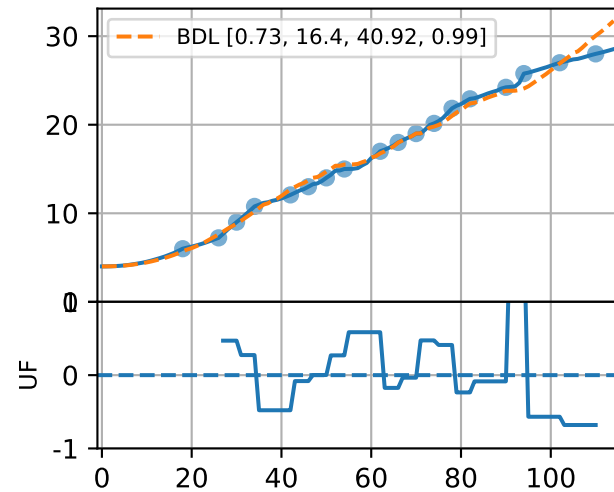
P10AW-004-12 (fit failed)



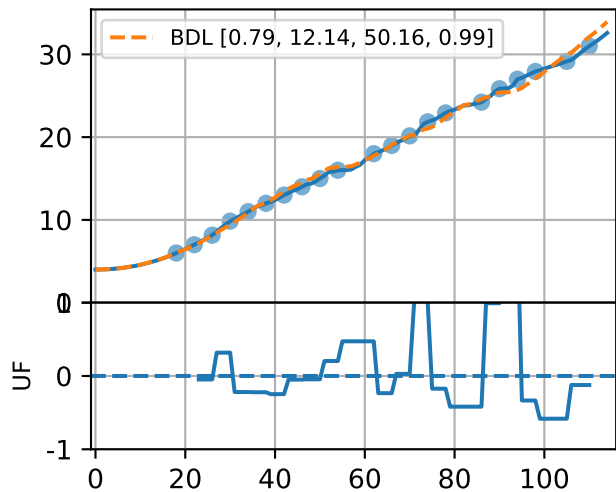
P10AW-010-25 (fit failed)



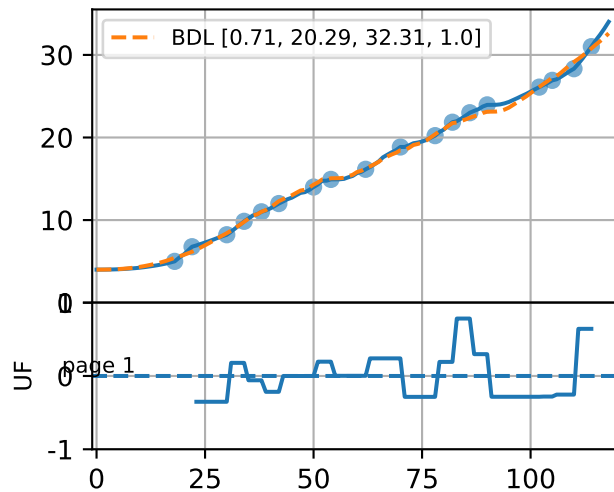
P10AW-017-16 (fit failed)



P10AW-025-3 (fit failed)

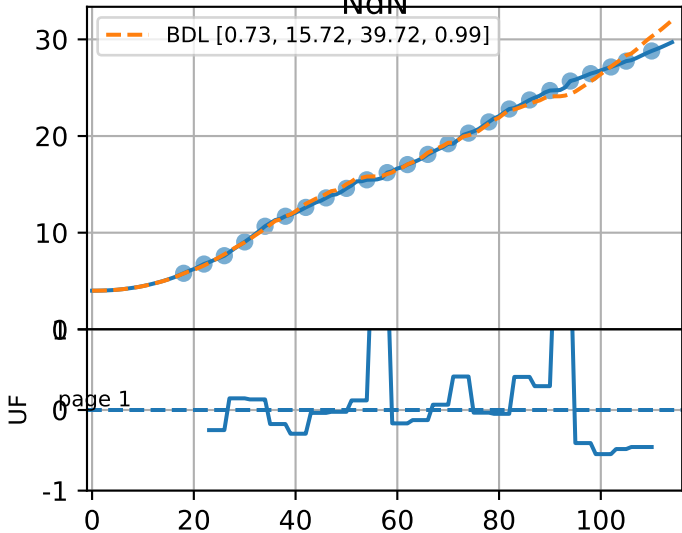


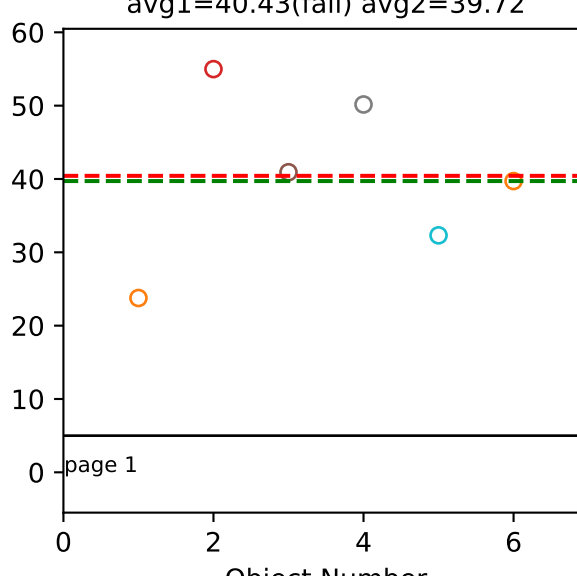
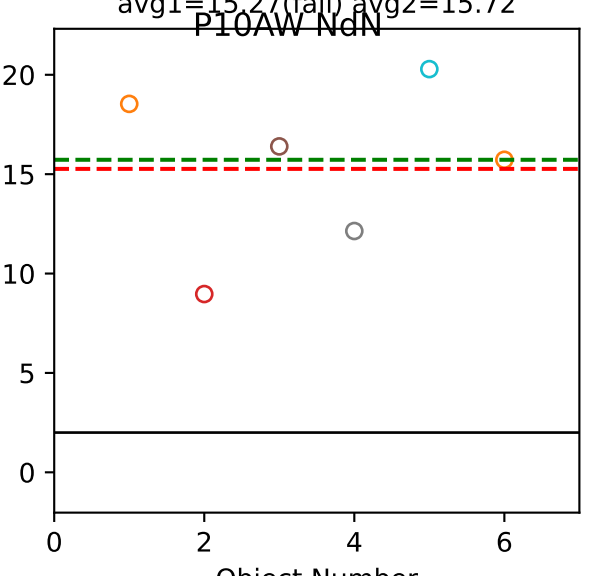
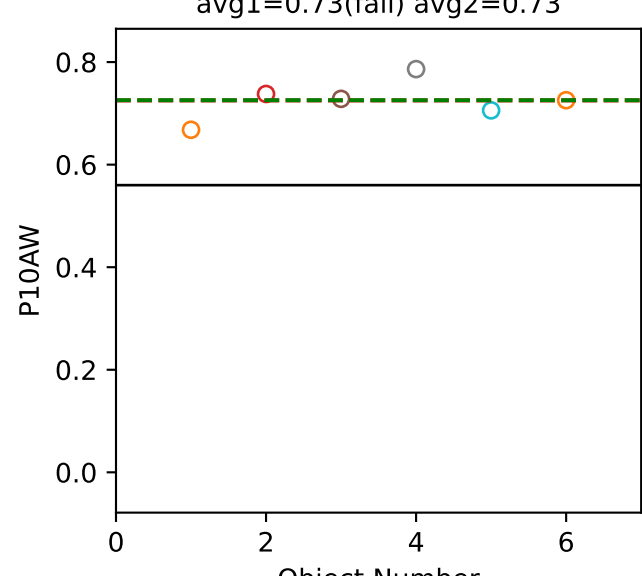
P10AW-032-33 (fit failed)

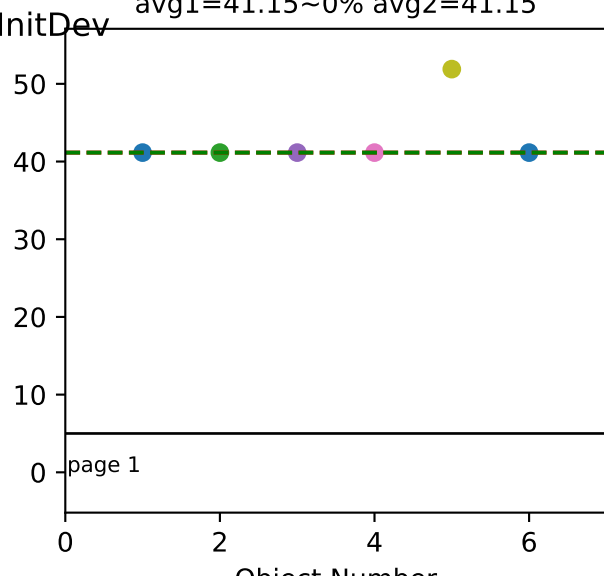
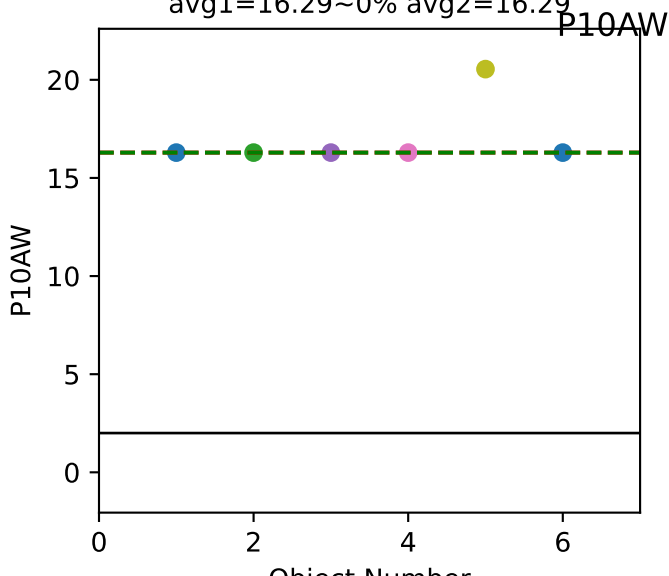


P10Aavg (fit tailed)

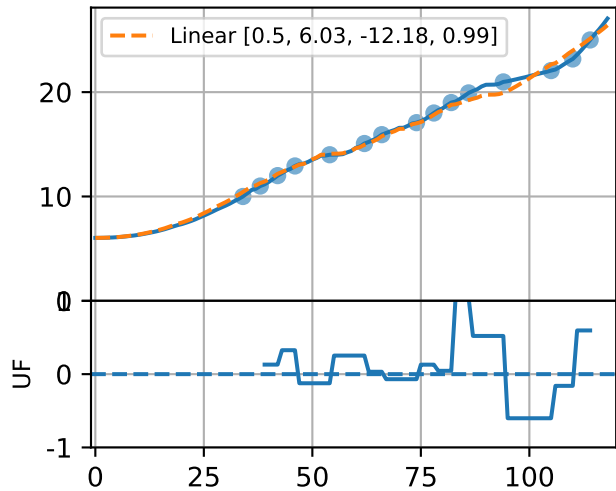
NaN



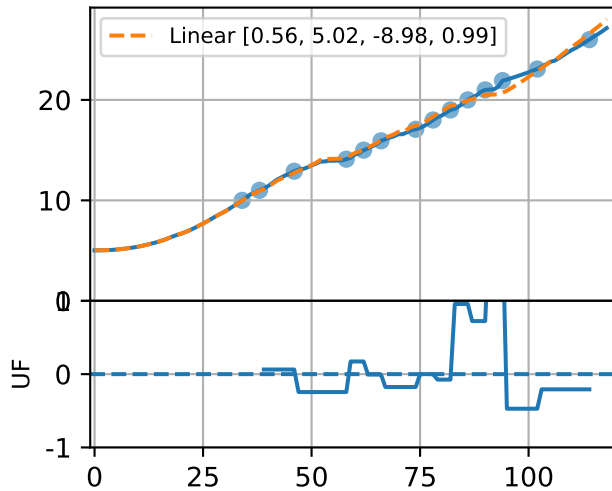




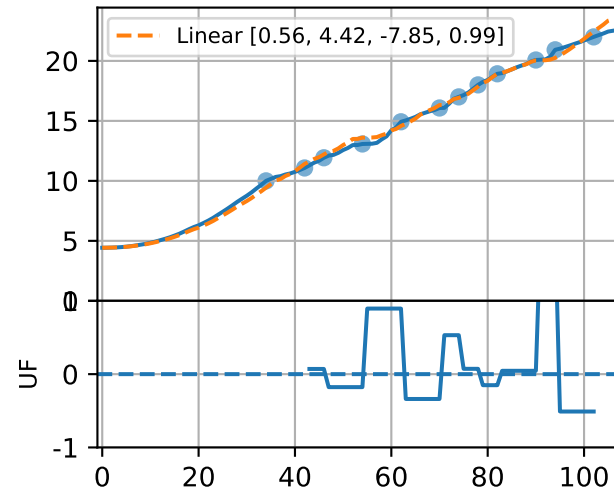
P10AW-004-12



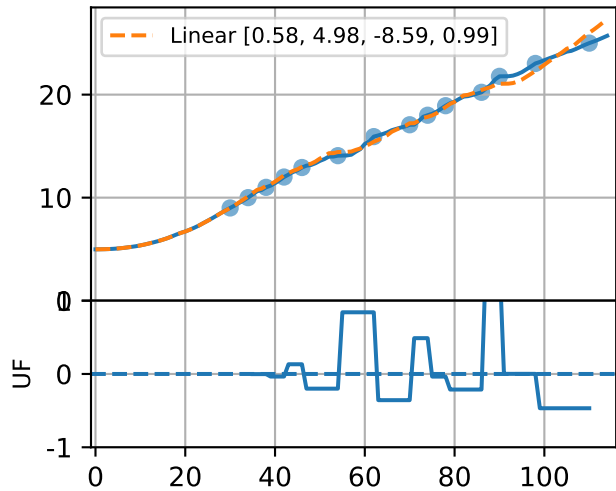
P10AW-010-25



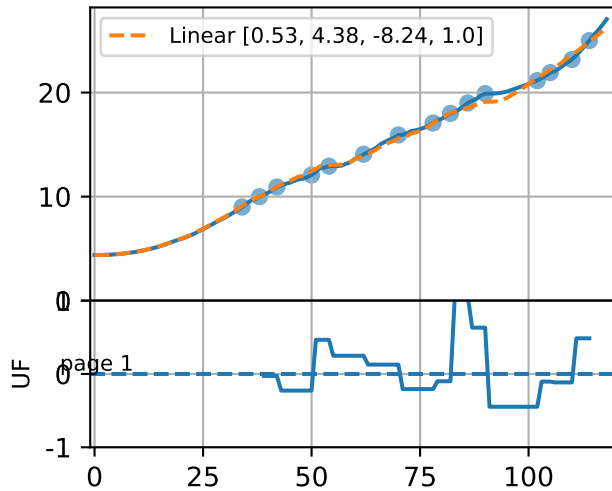
P10AW-017-16



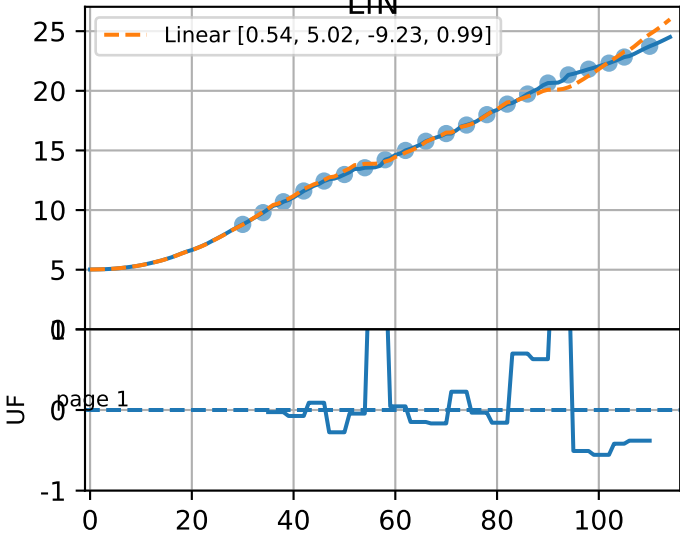
P10AW-025-3



P10AW-032-33

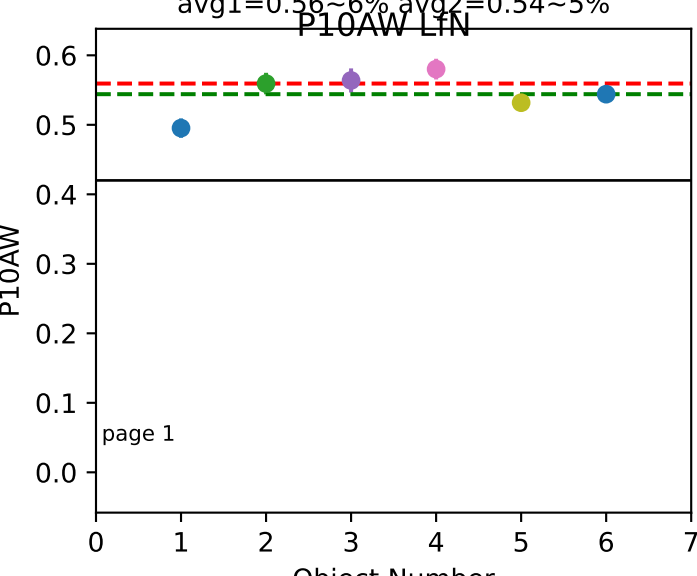


P10A wavg LfN

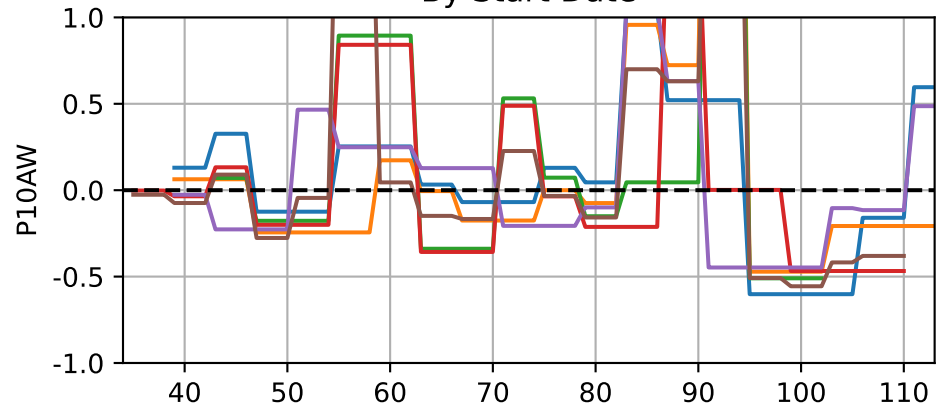


UF

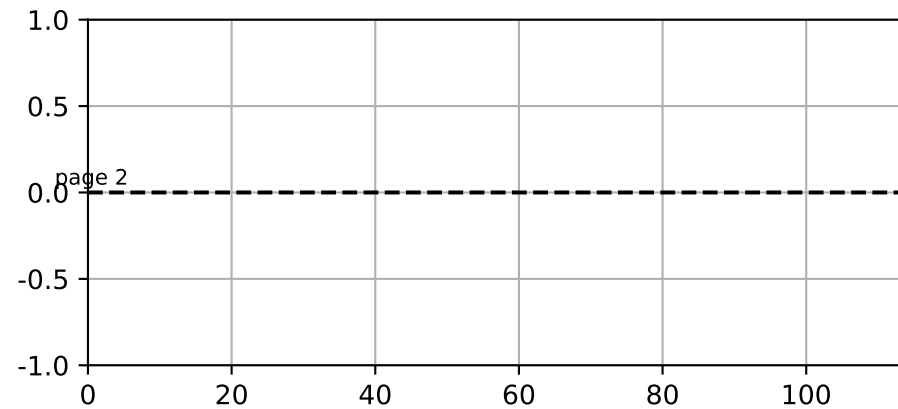
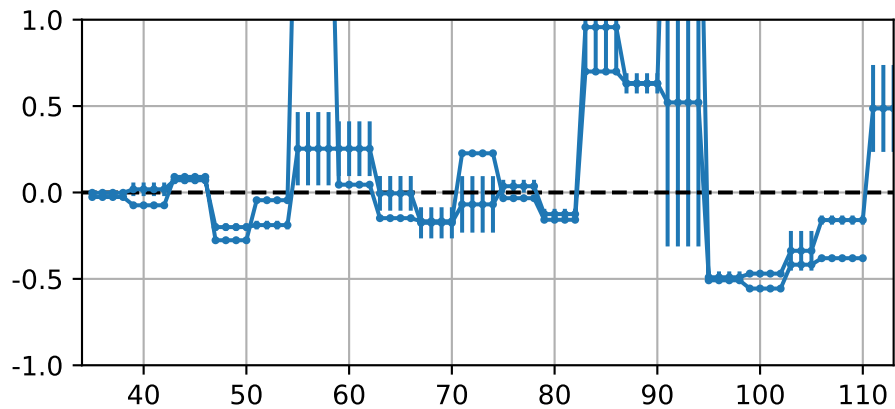
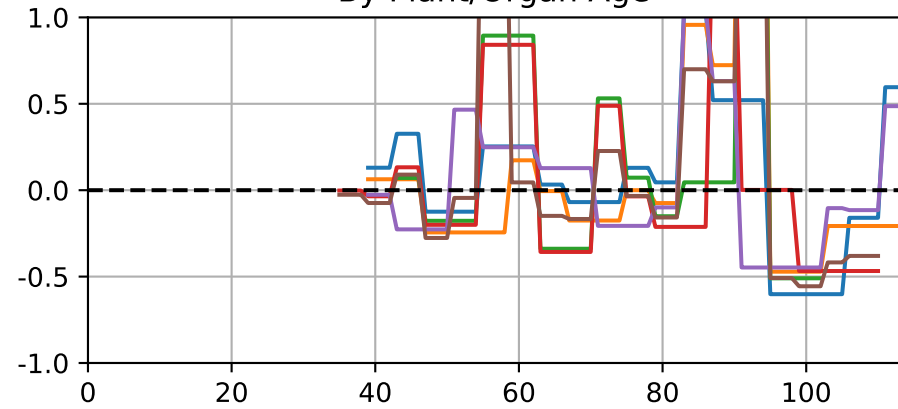
page 1



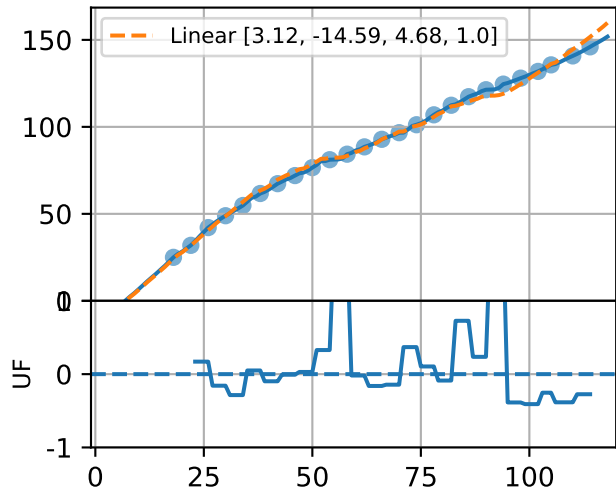
By Start Date



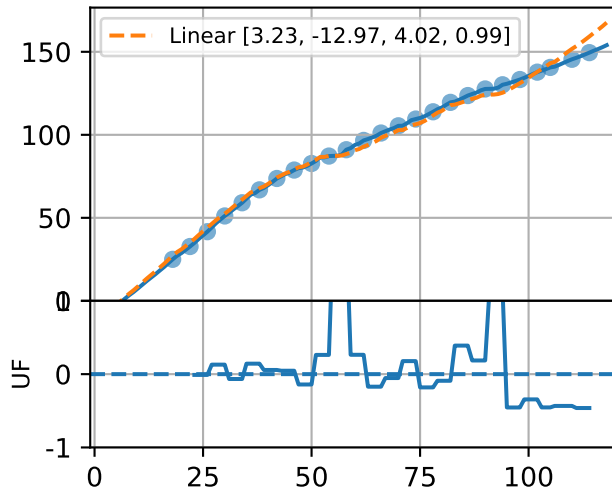
By Plant/Organ Age



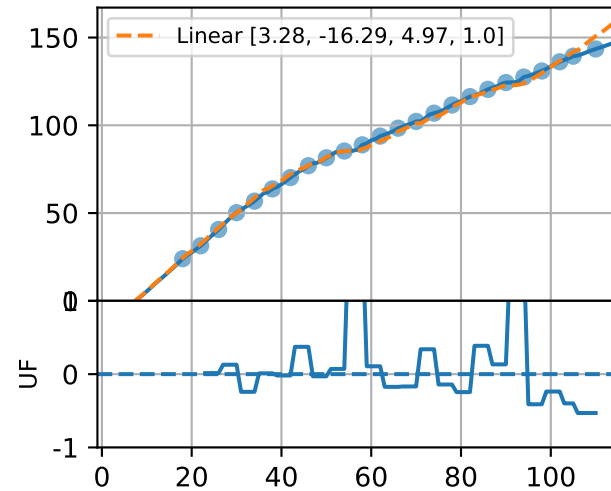
P10AW-004-12



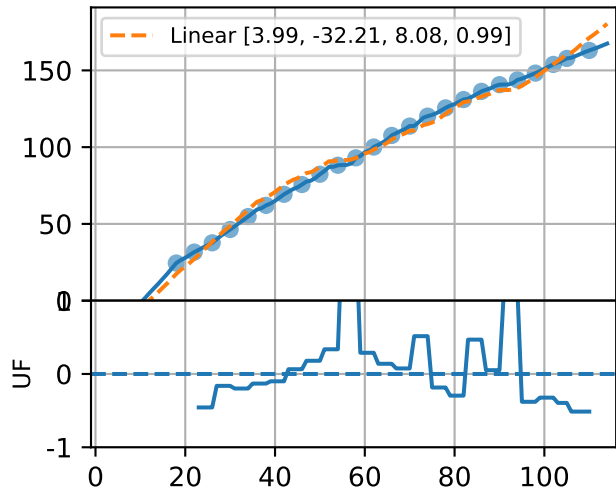
P10AW-010-25



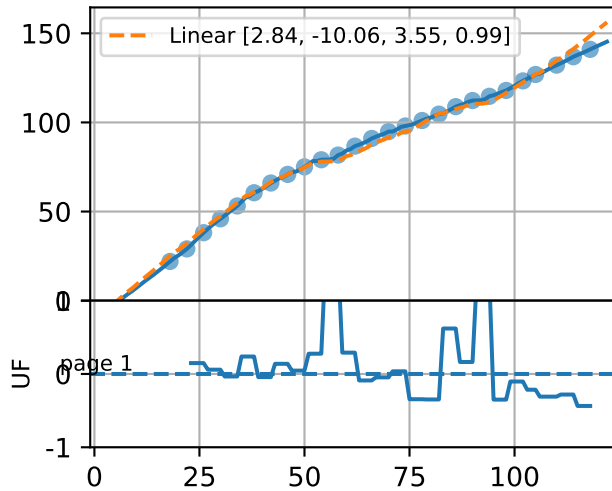
P10AW-017-16



P10AW-025-3



P10AW-032-33

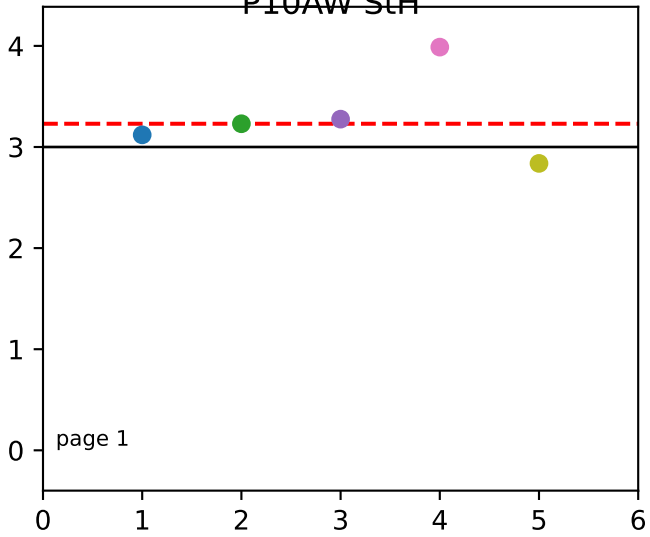


avg1=3.73~2% avg2=na

P10AW StH

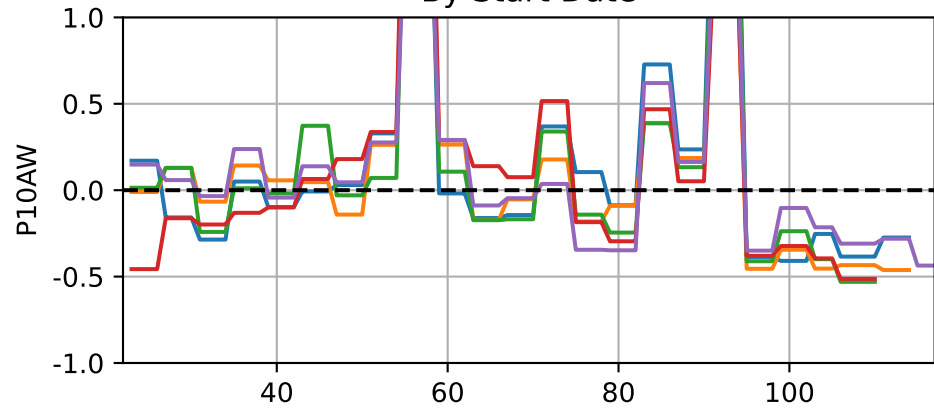
P10AW

page 1

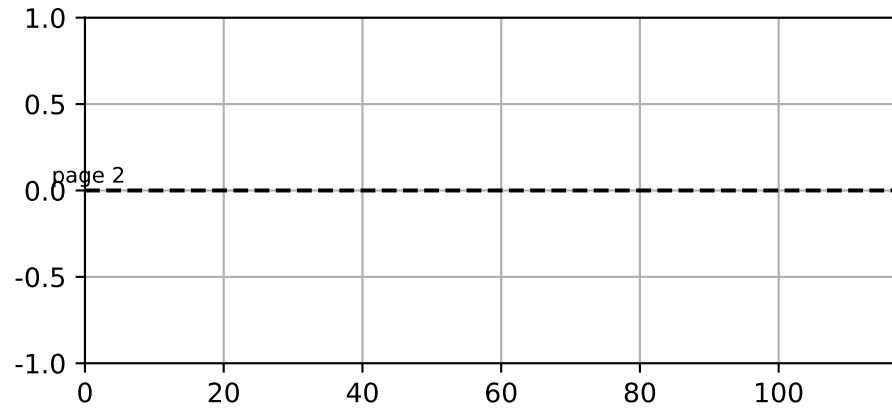
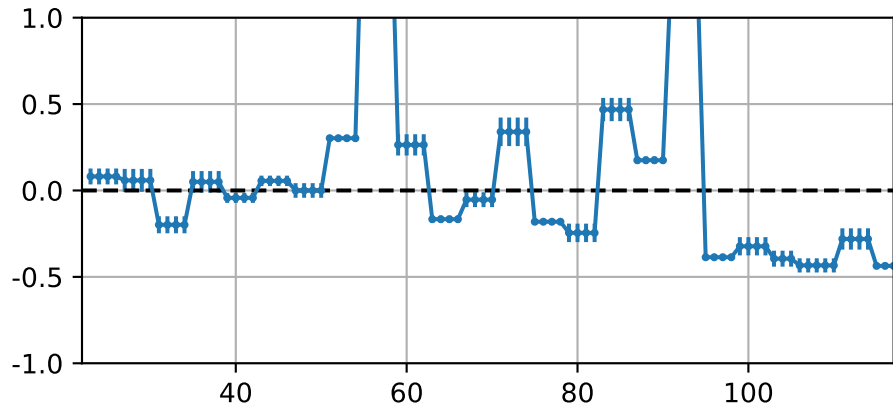
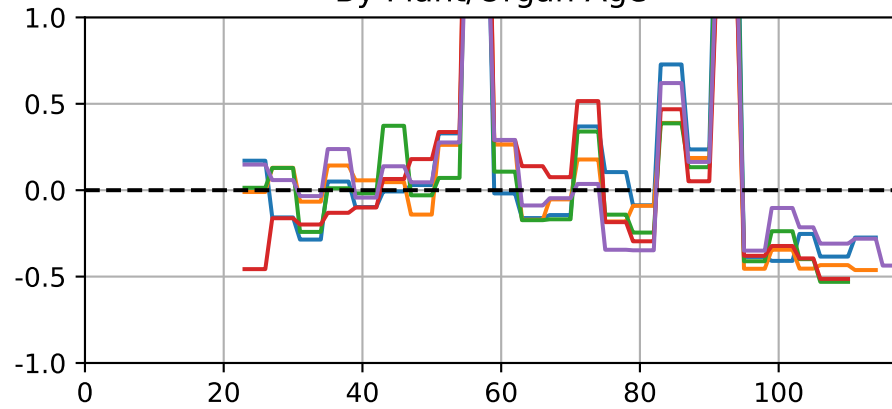


Object Number

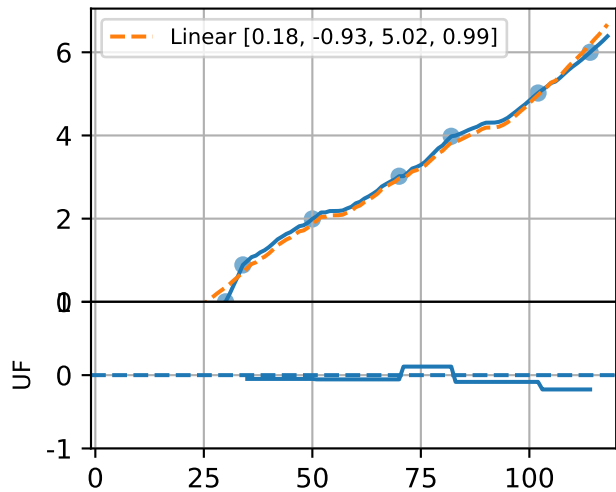
By Start Date



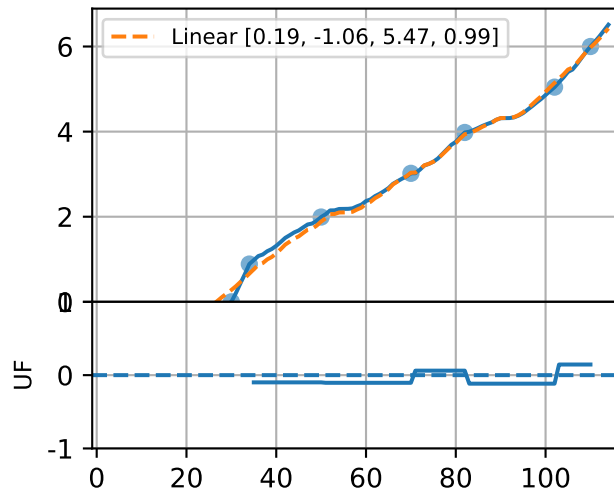
By Plant/Organ Age



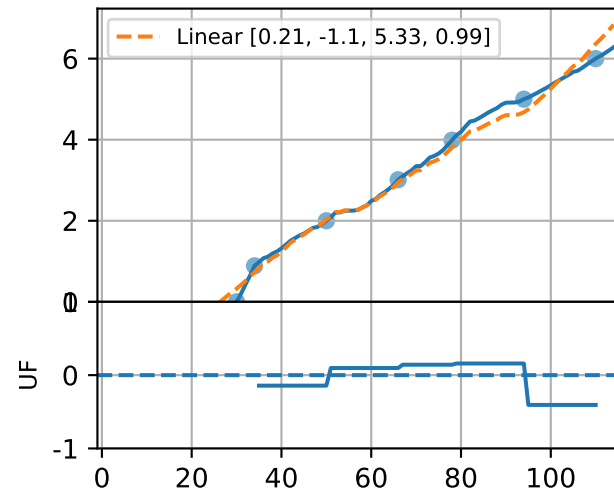
P10AW-004-12



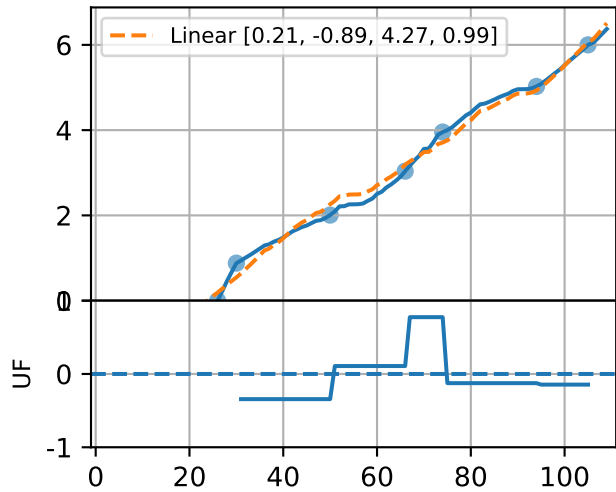
P10AW-010-25



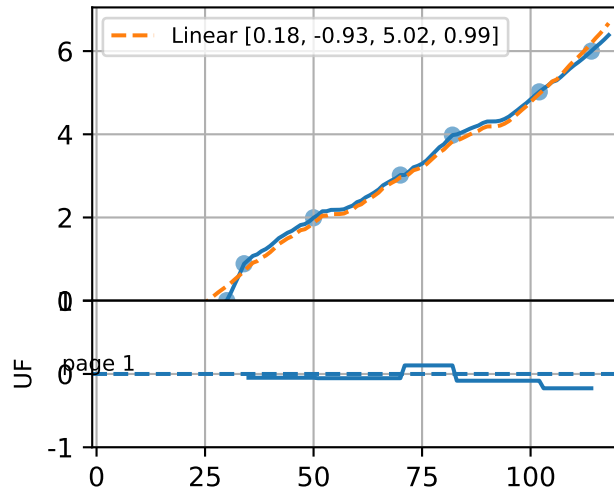
P10AW-017-16



P10AW-025-3

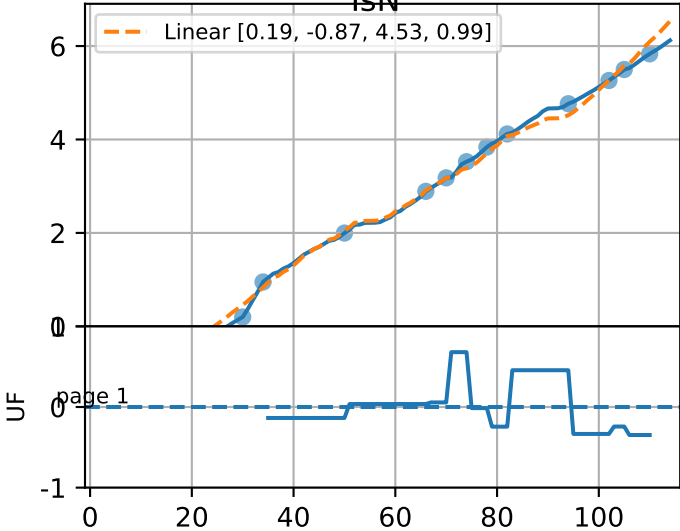


P10AW-032-33



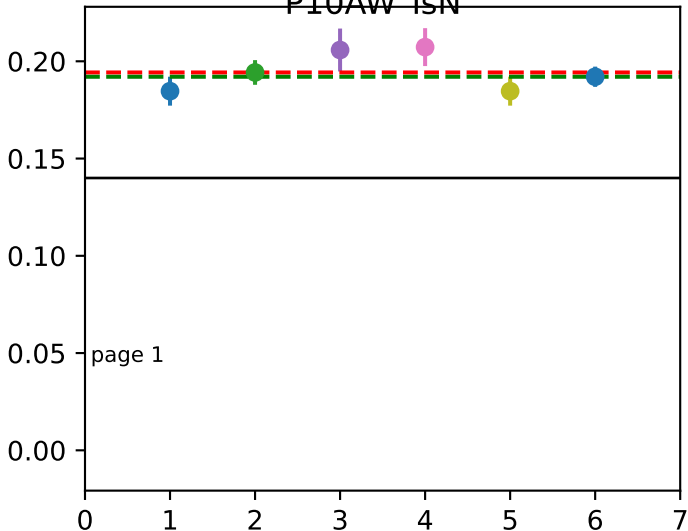
P10Awavg
ISN

Linear [0.19, -0.87, 4.53, 0.99]



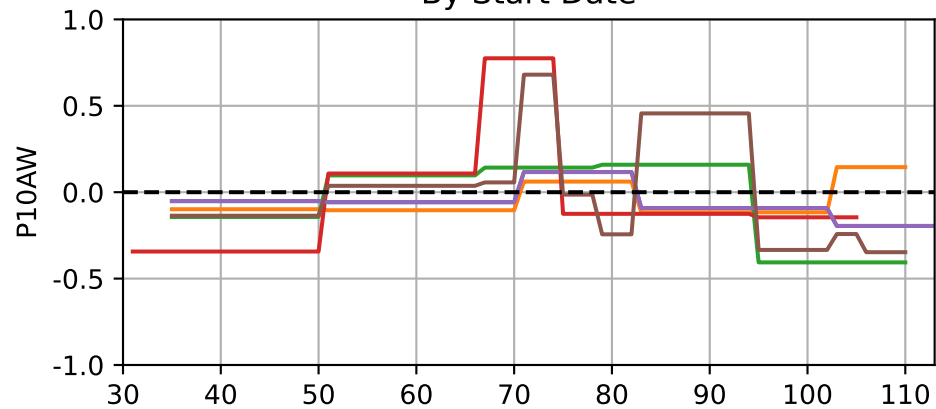
UF
page 1

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

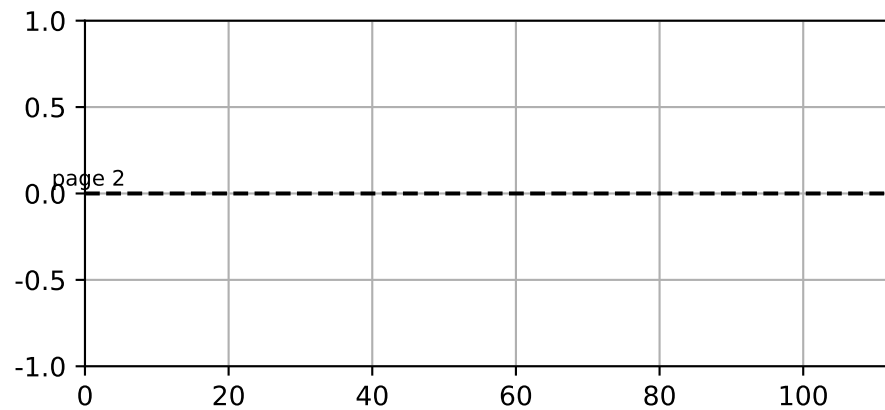
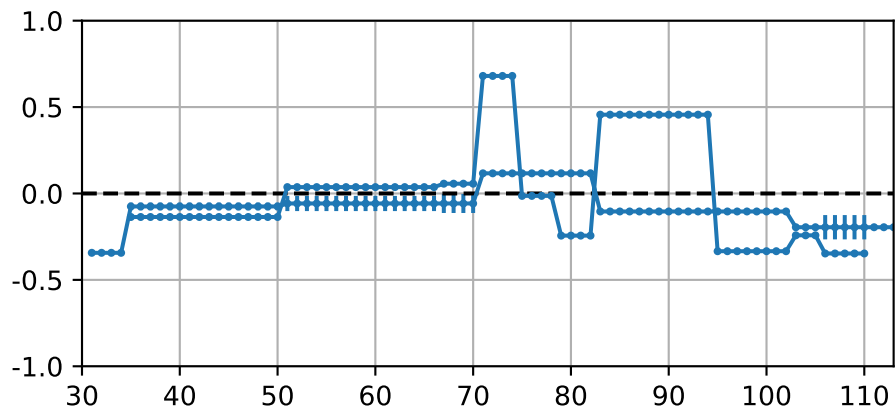
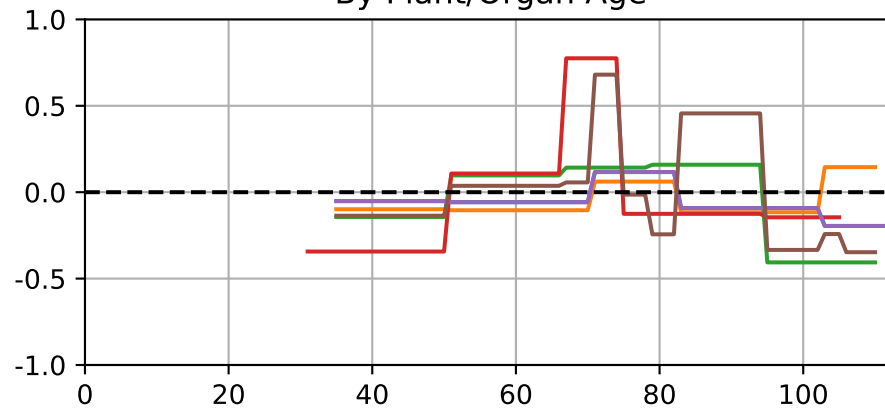


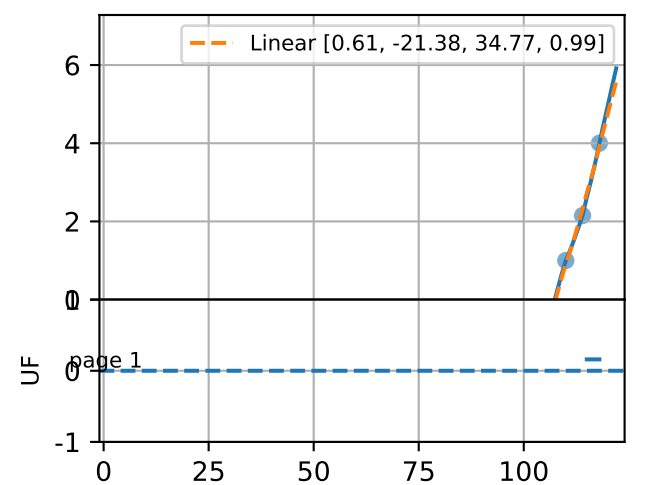
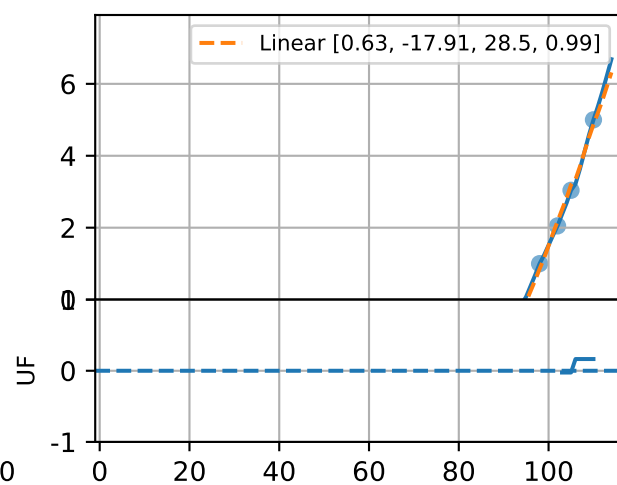
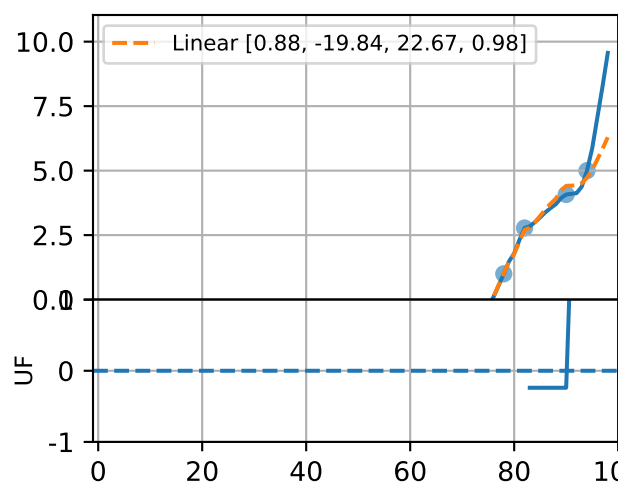
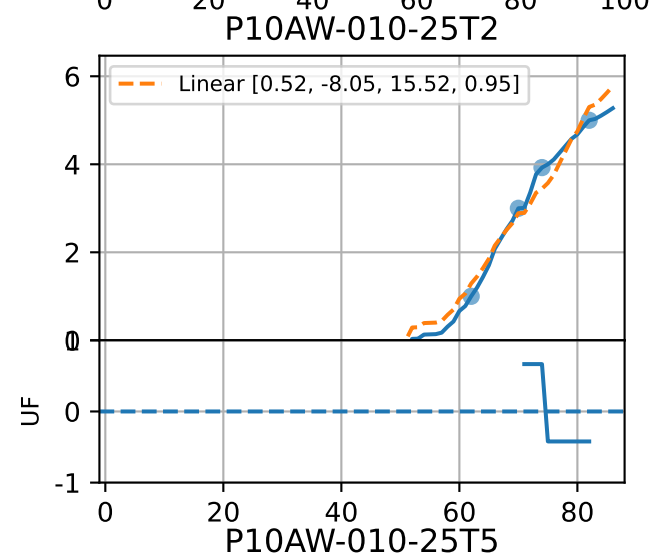
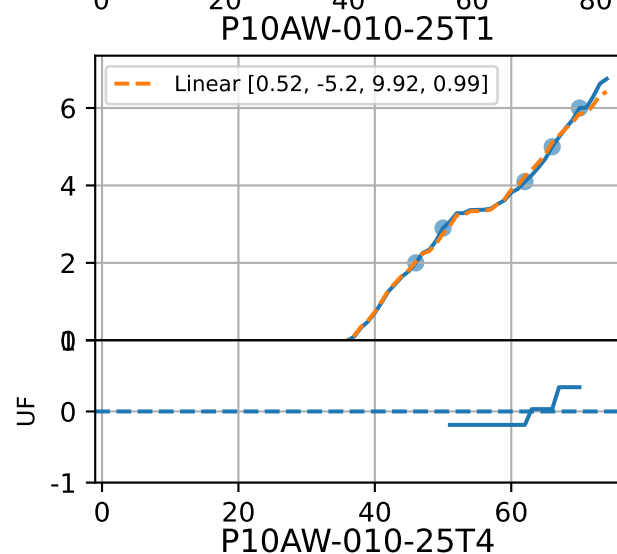
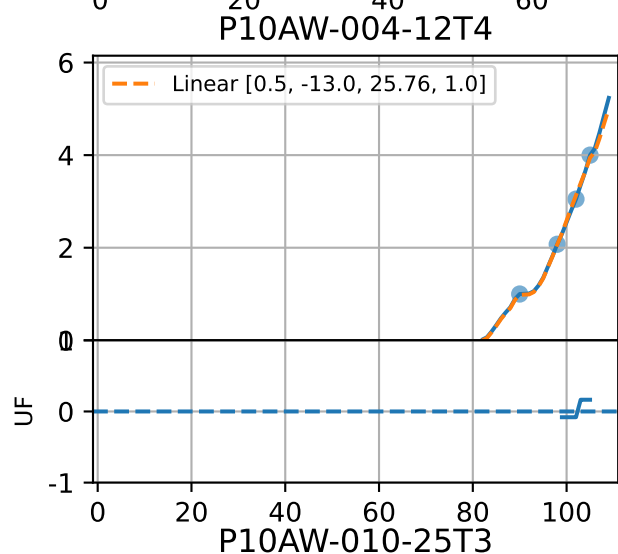
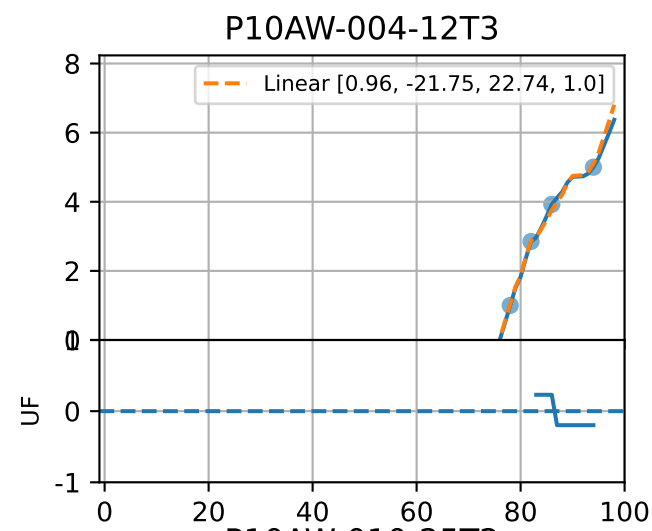
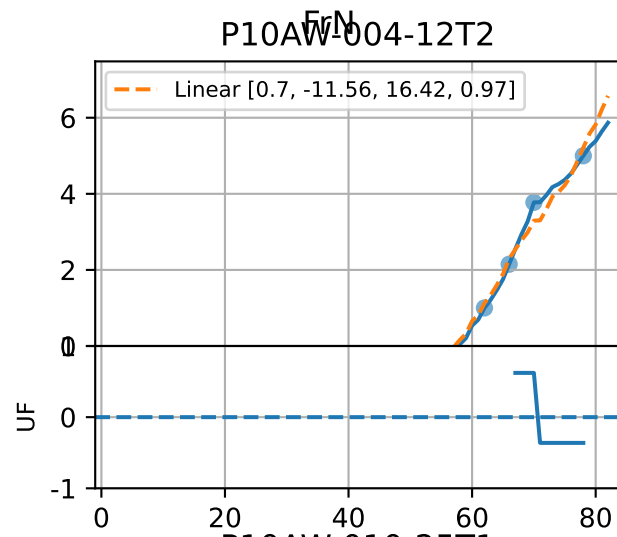
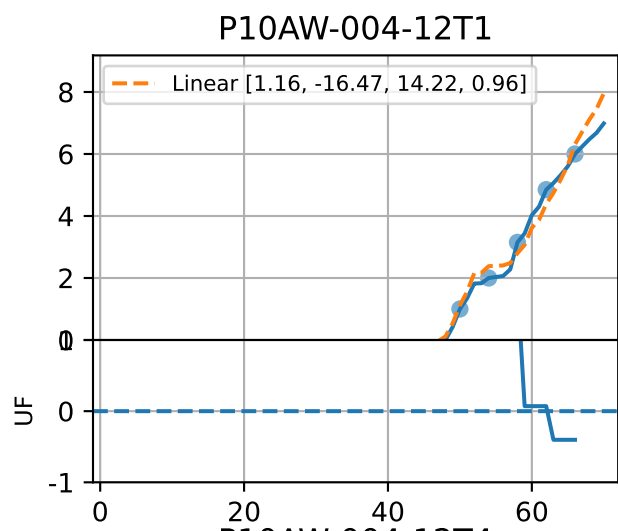
page 1

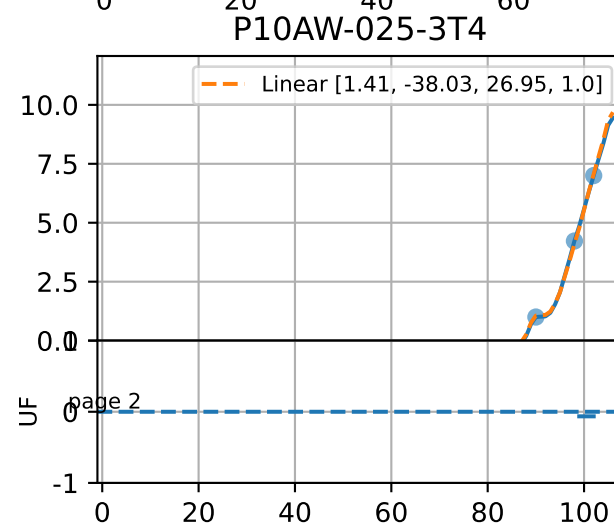
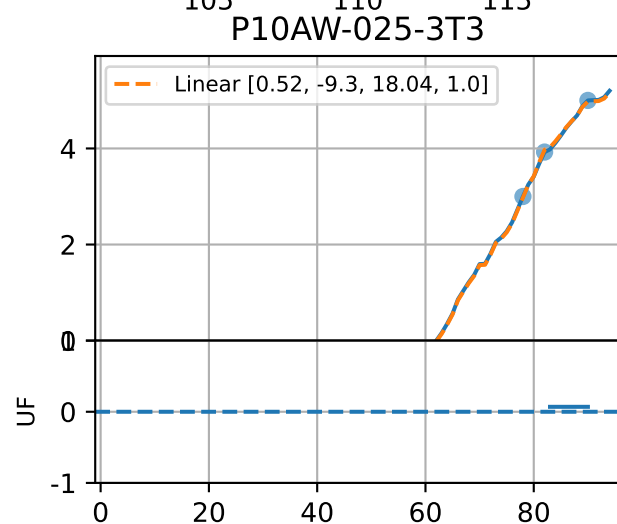
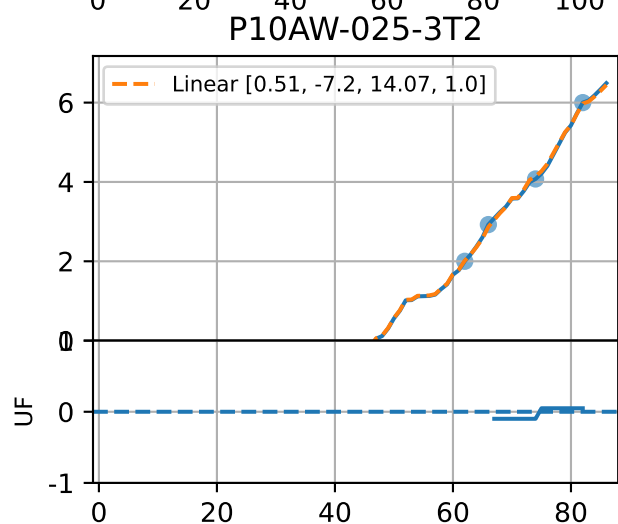
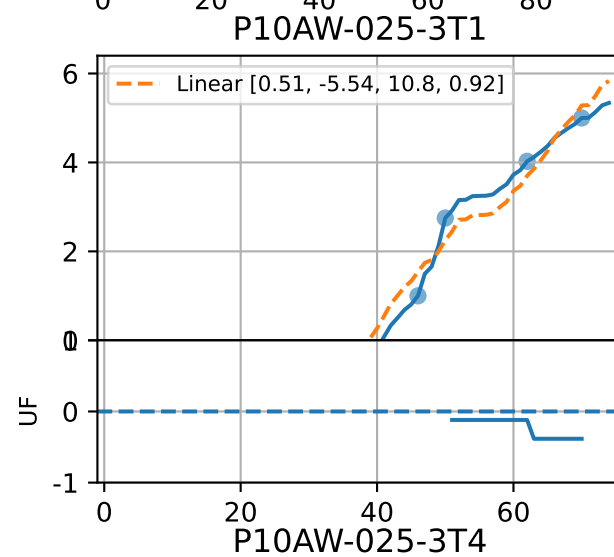
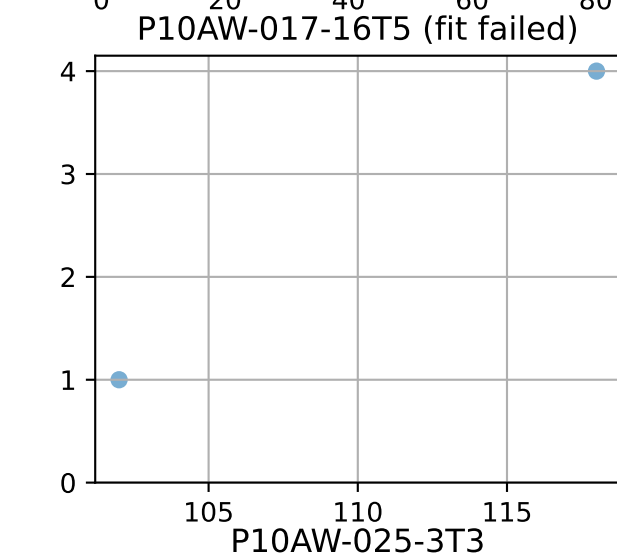
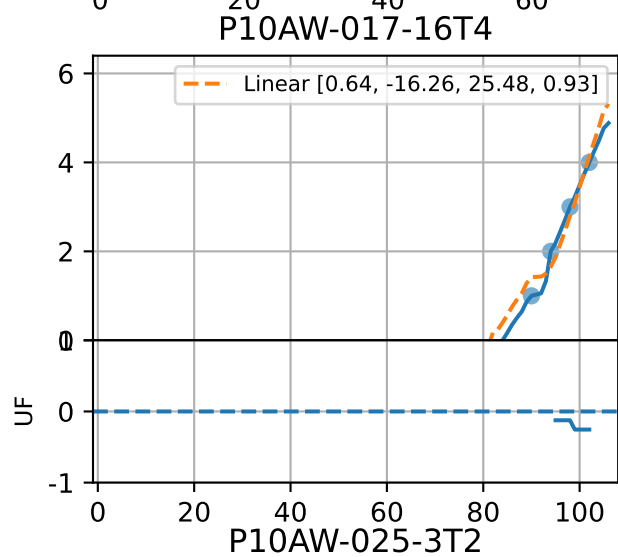
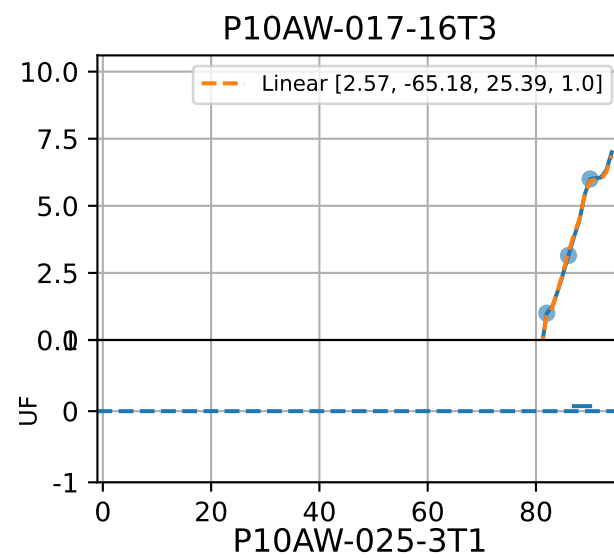
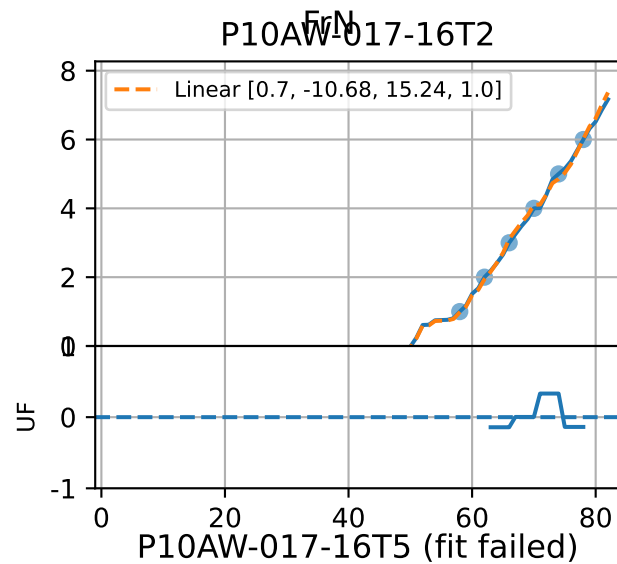
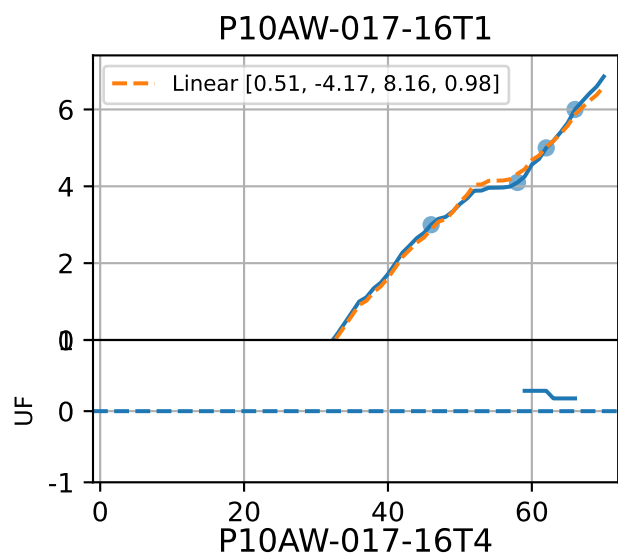
By Start Date



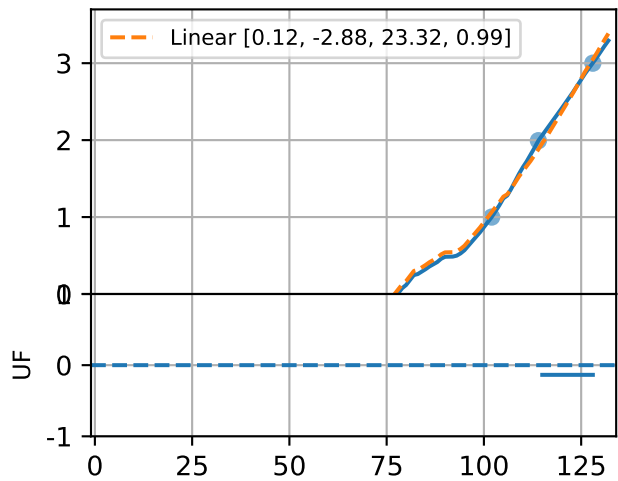
By Plant/Organ Age



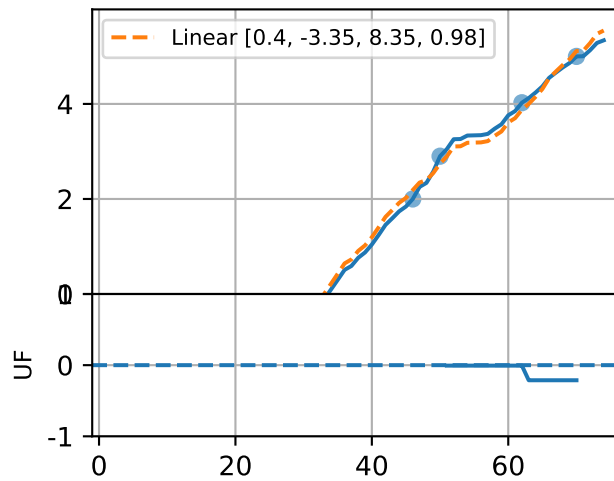




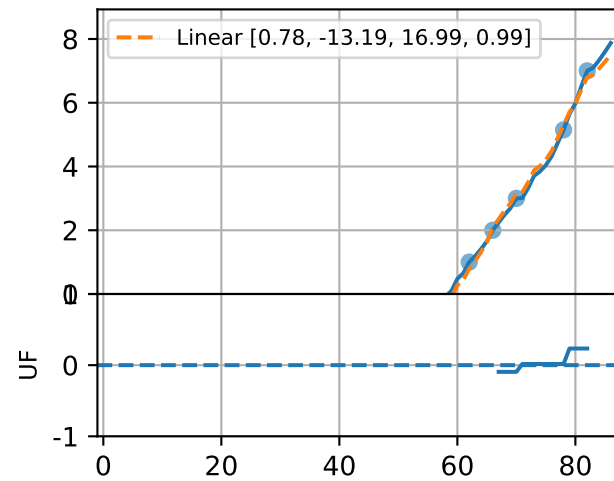
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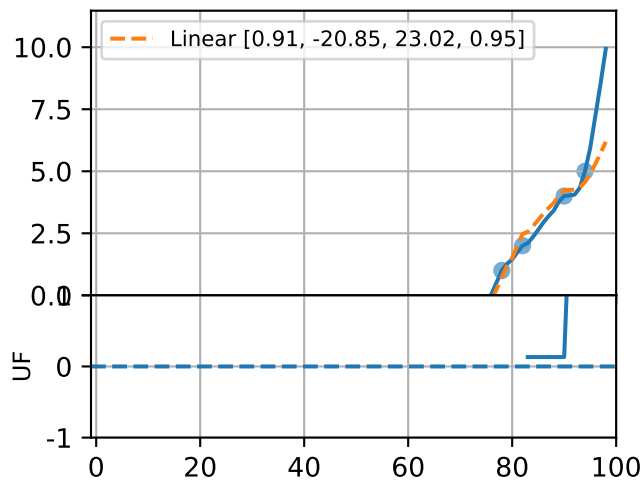
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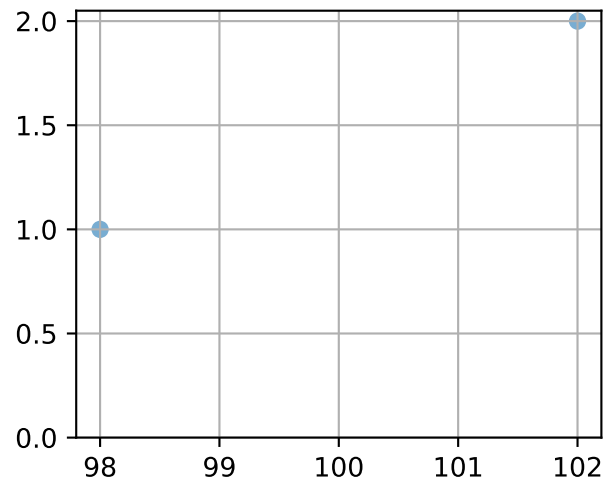
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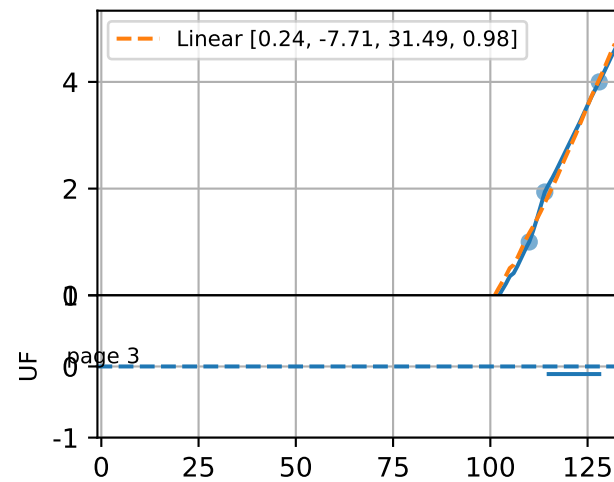
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P10AW-032-33T4 (fit failed)

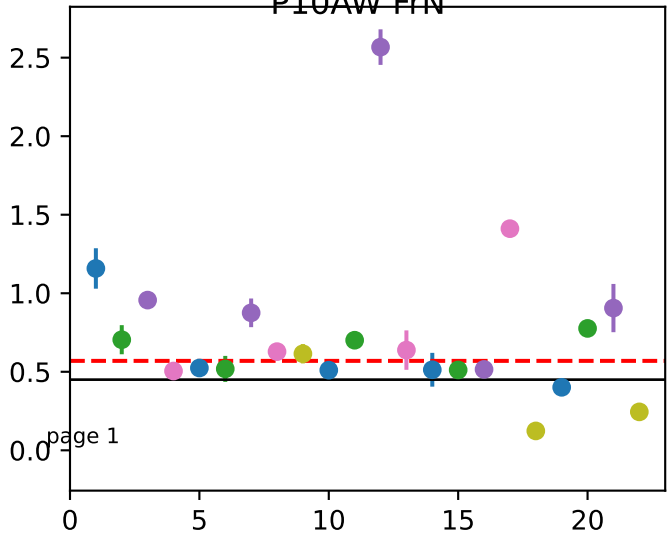


P10AW-032-33T5



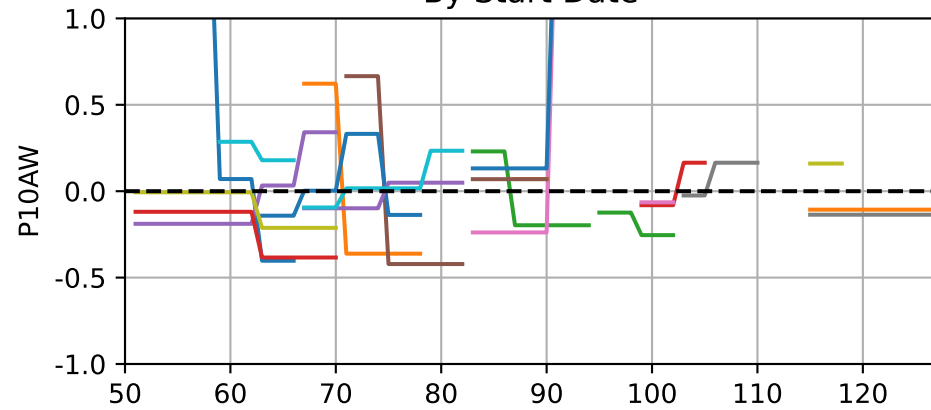
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P10AW FrN

P10AW

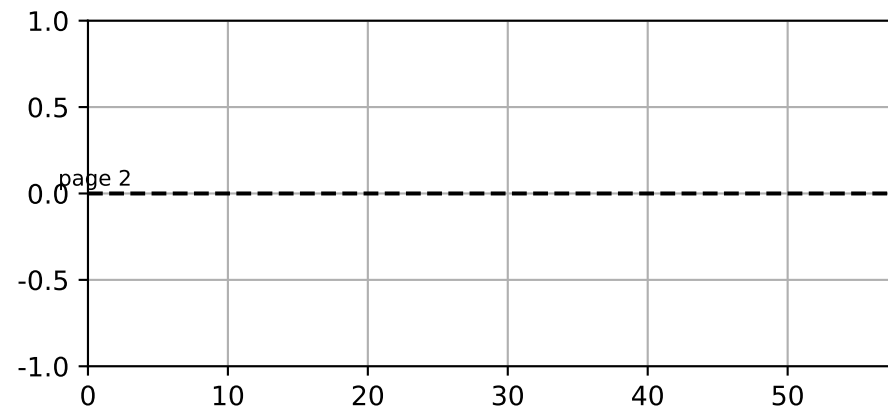
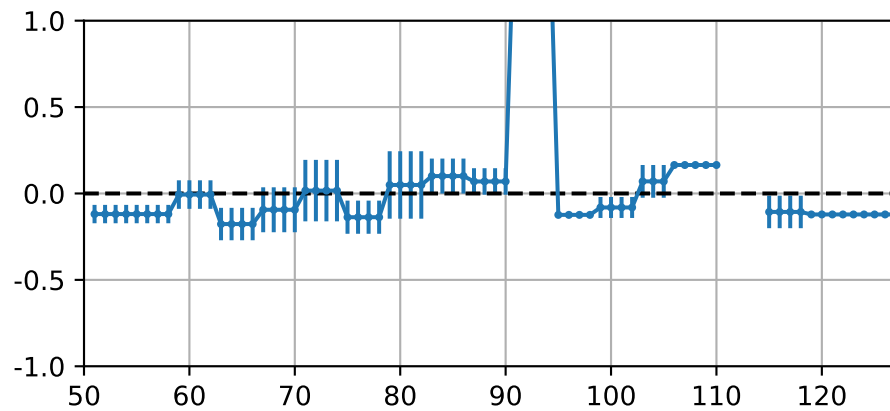
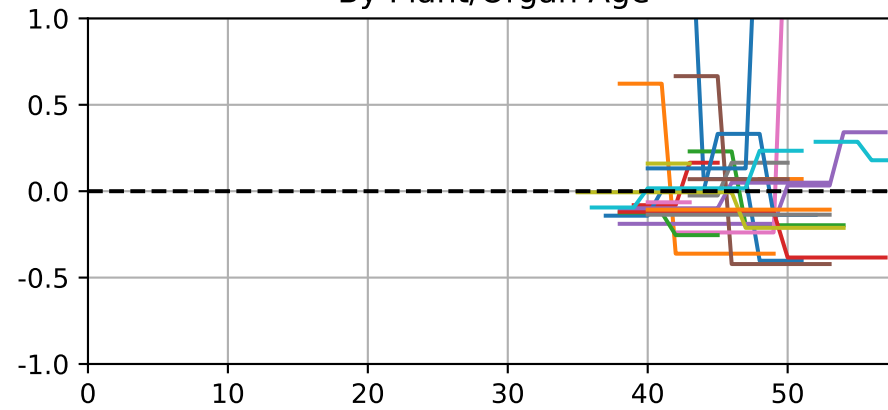


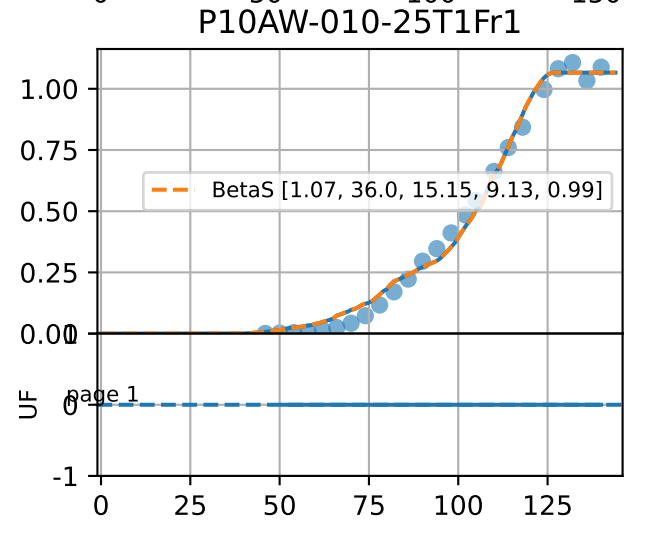
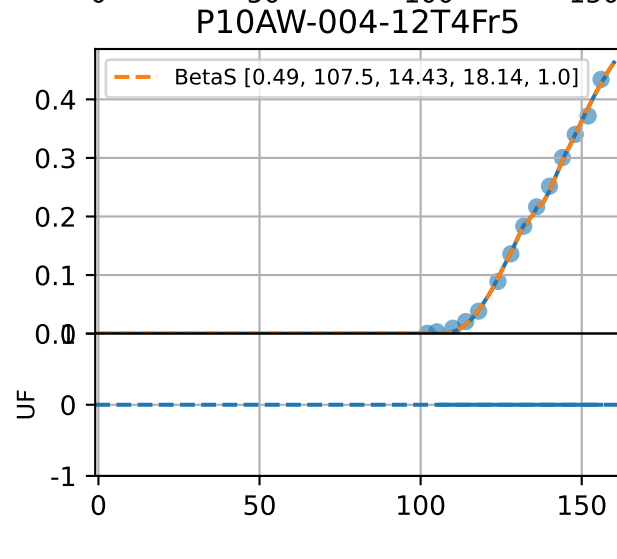
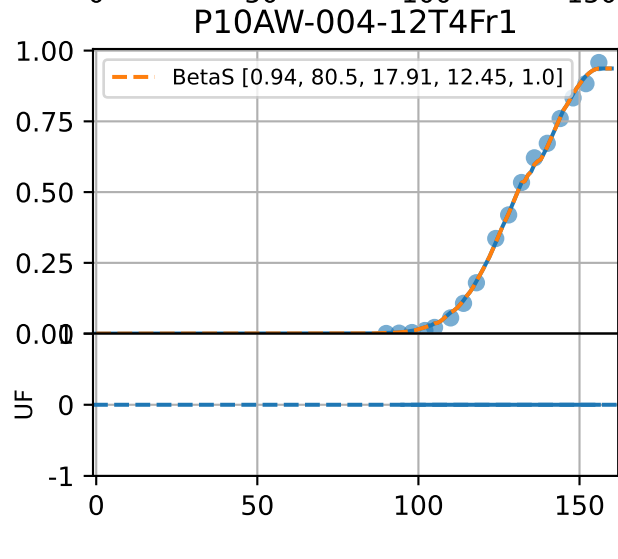
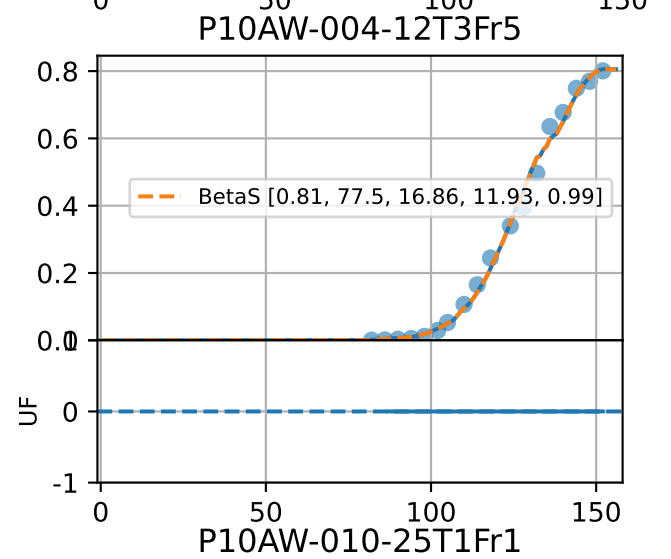
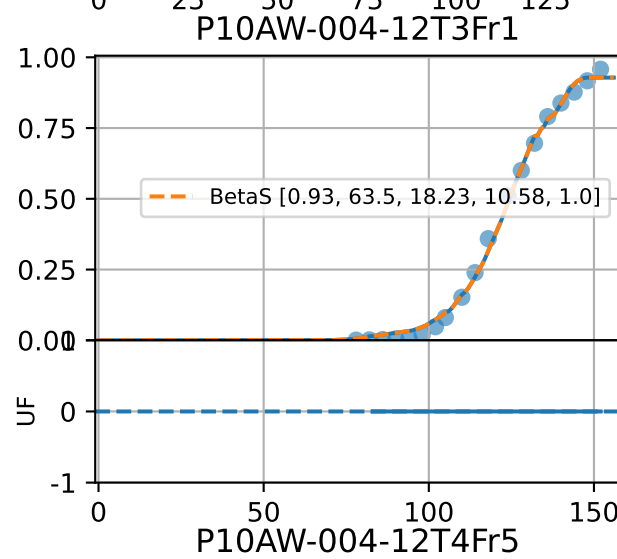
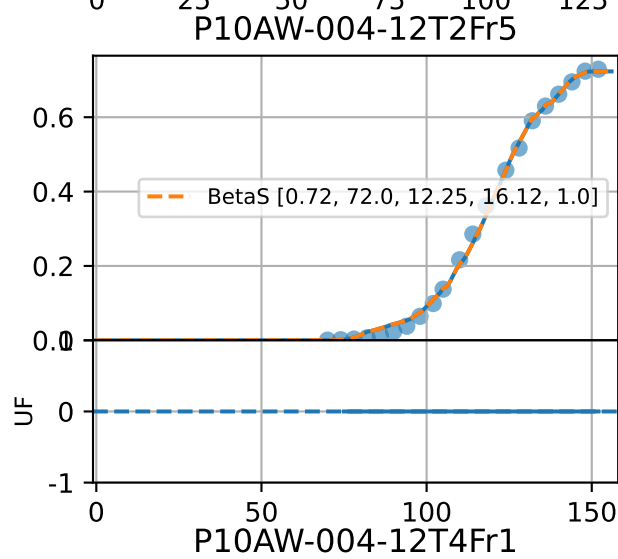
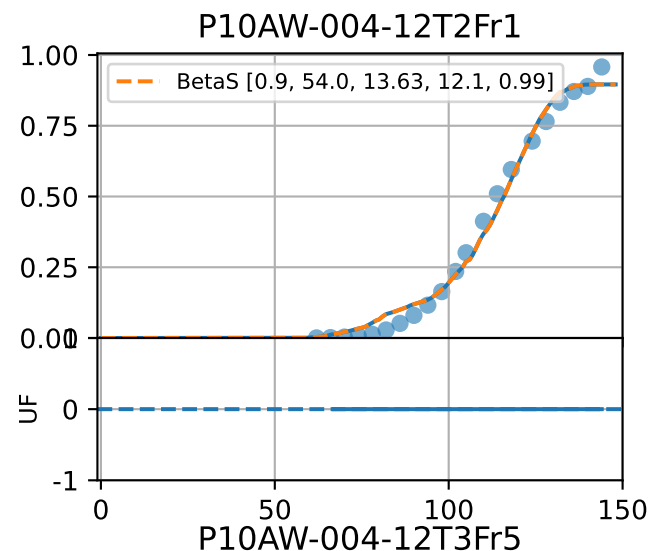
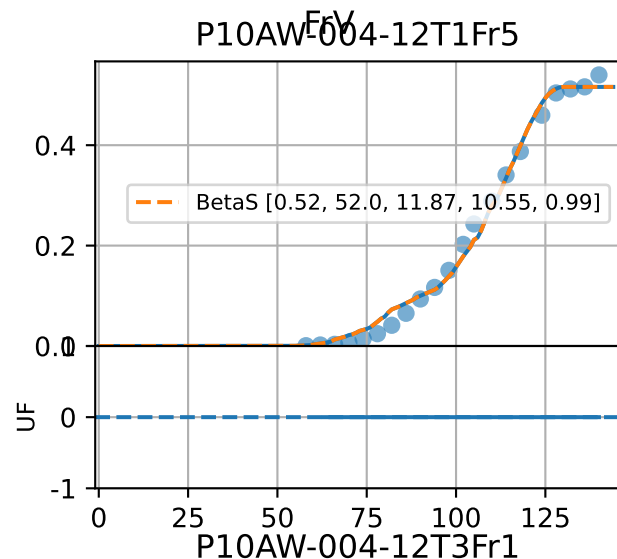
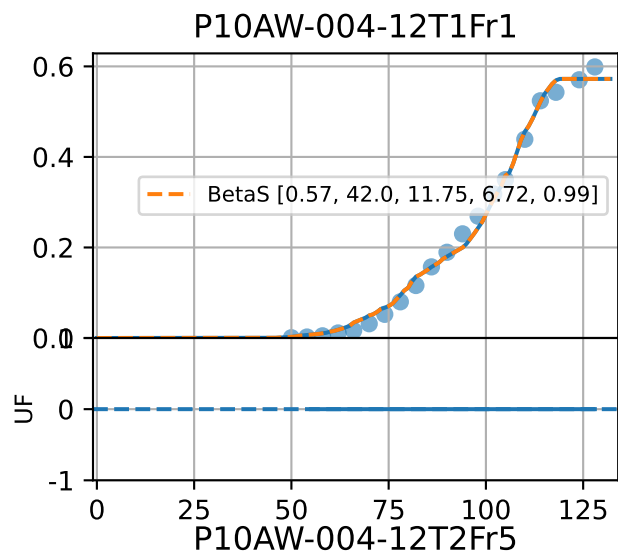
page 1

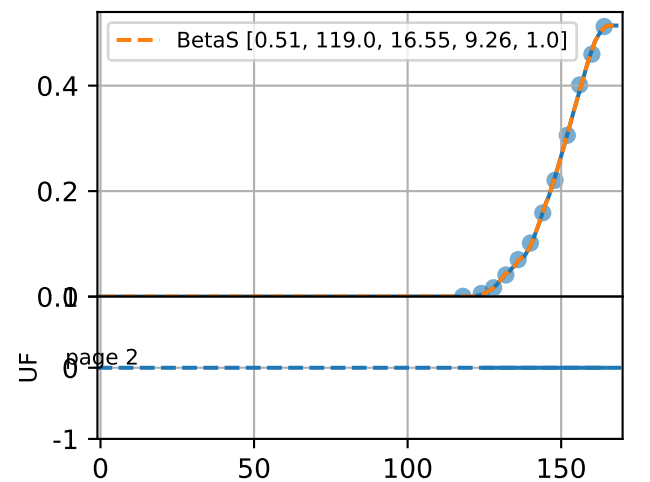
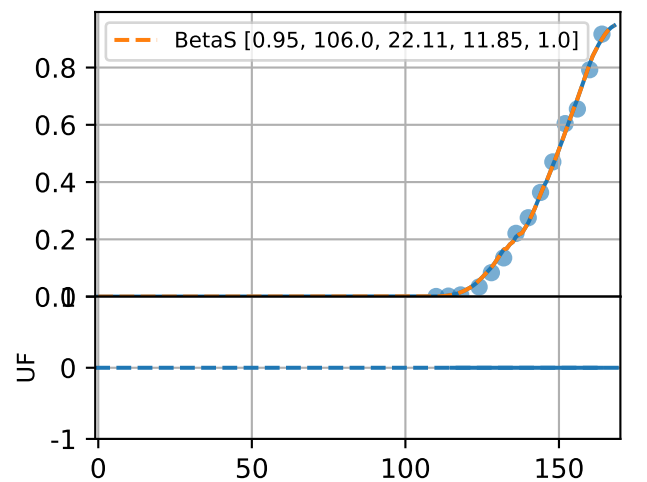
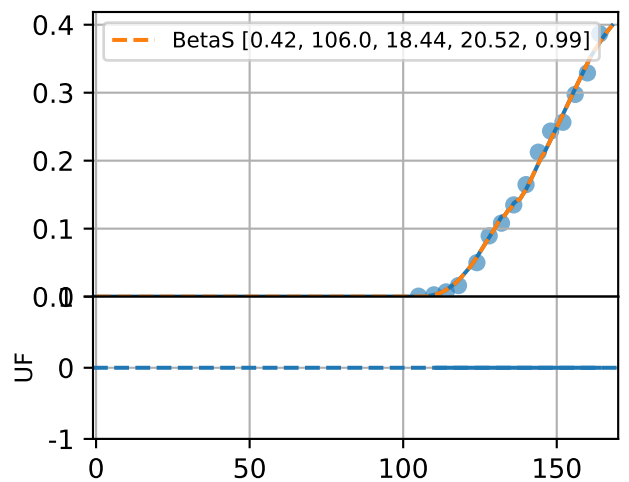
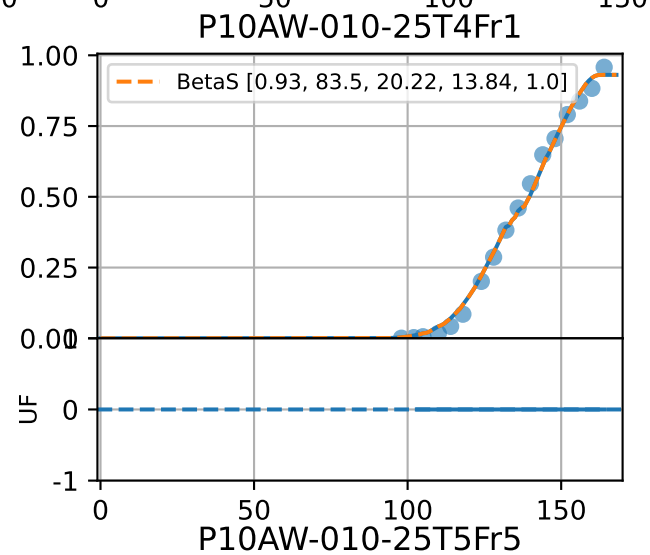
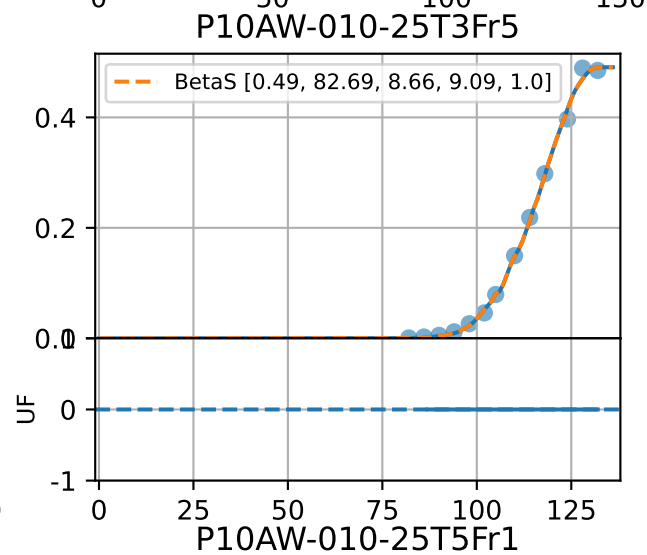
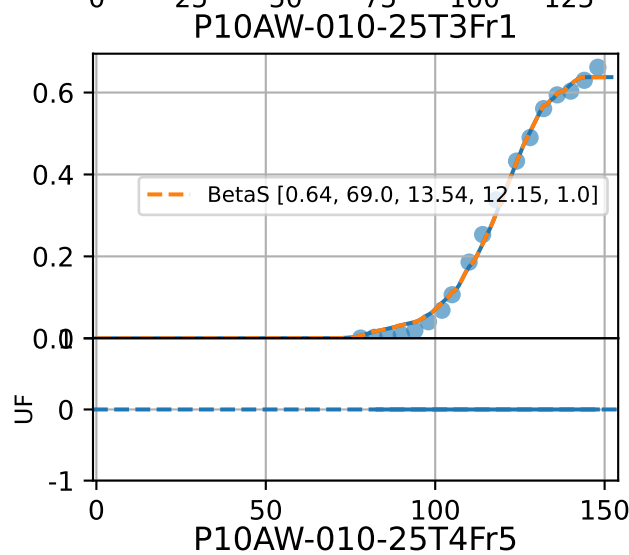
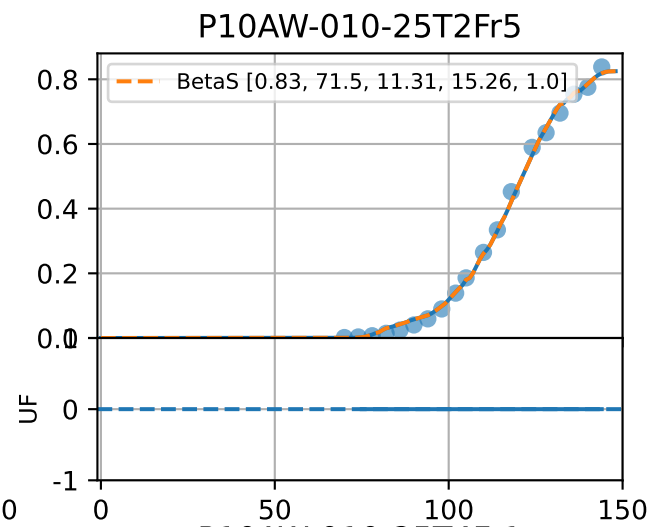
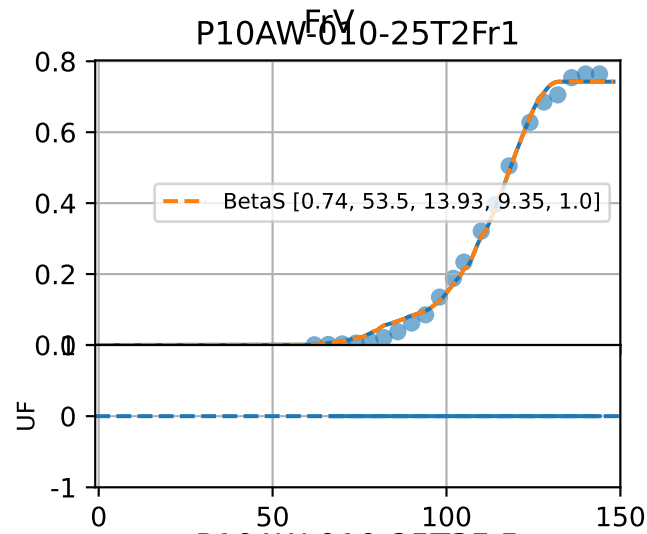
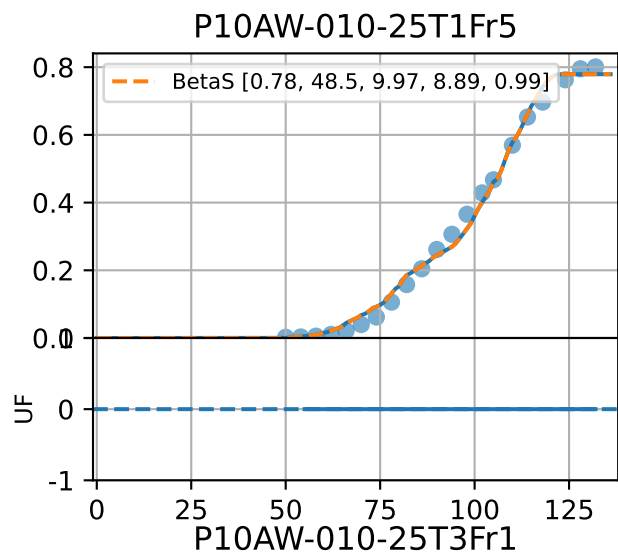
By Start Date

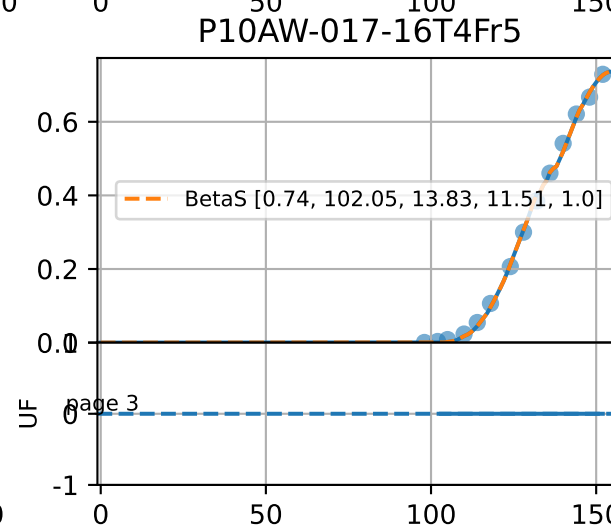
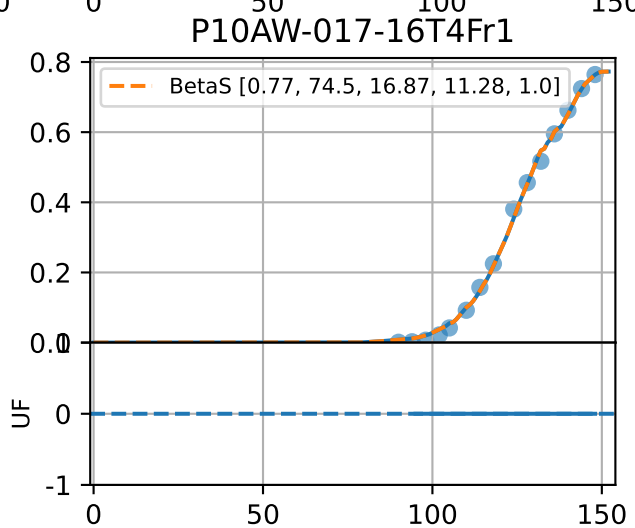
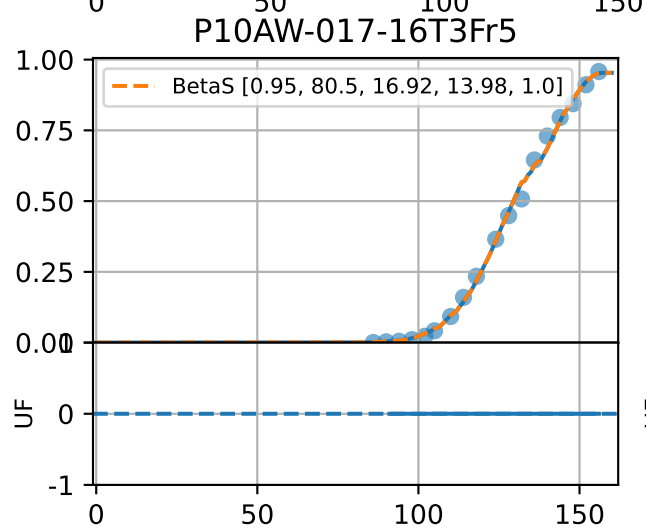
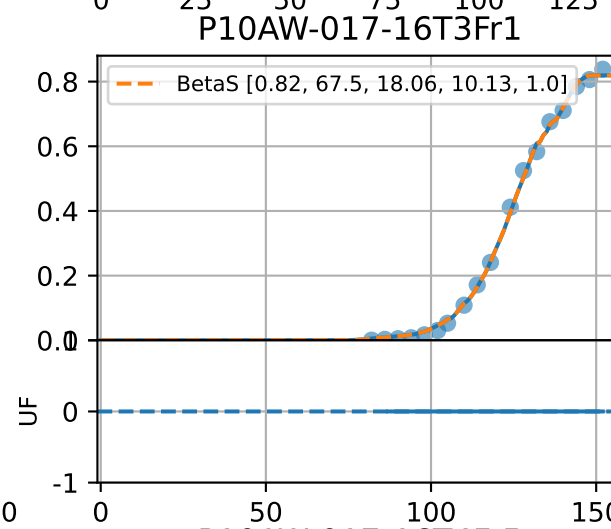
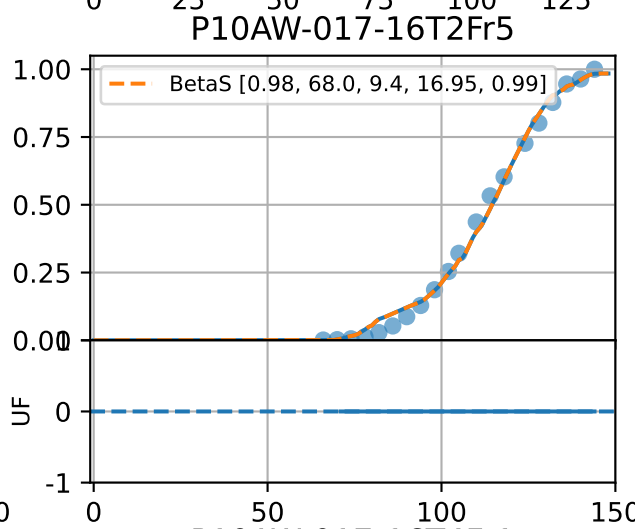
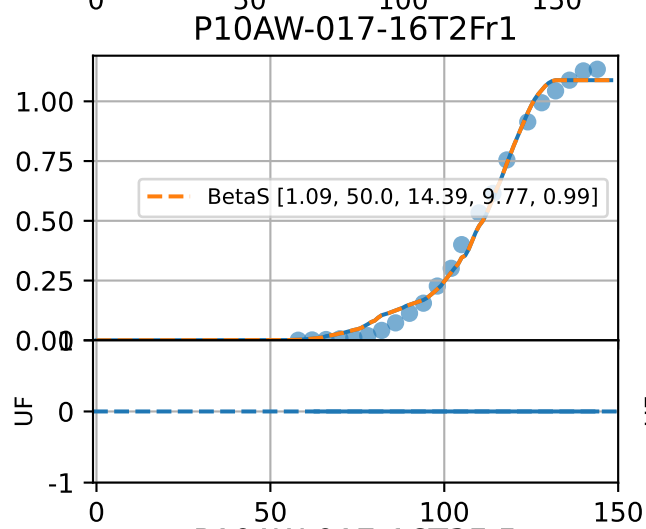
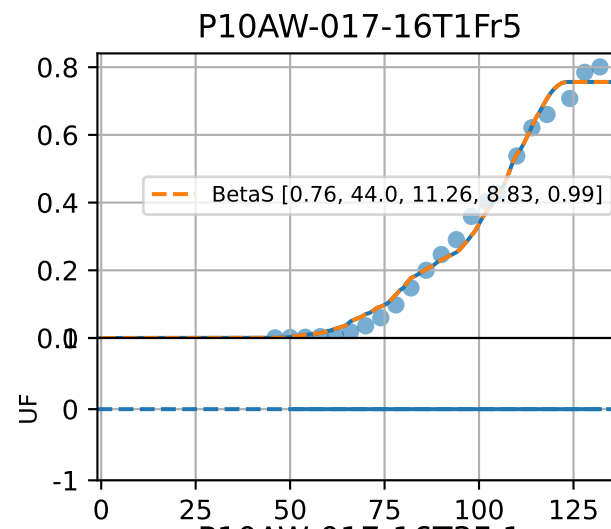
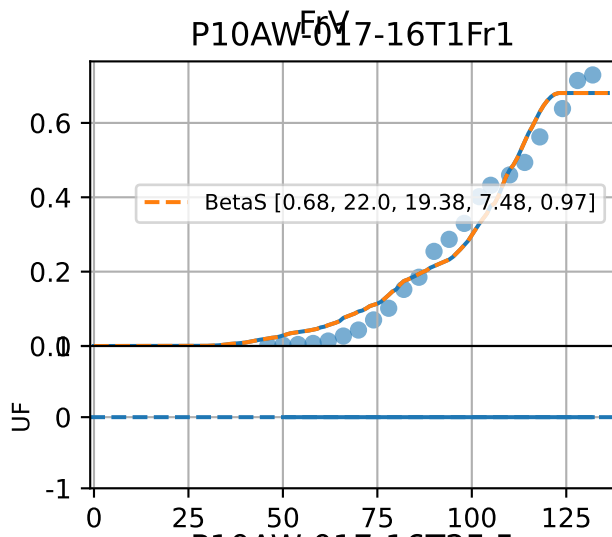
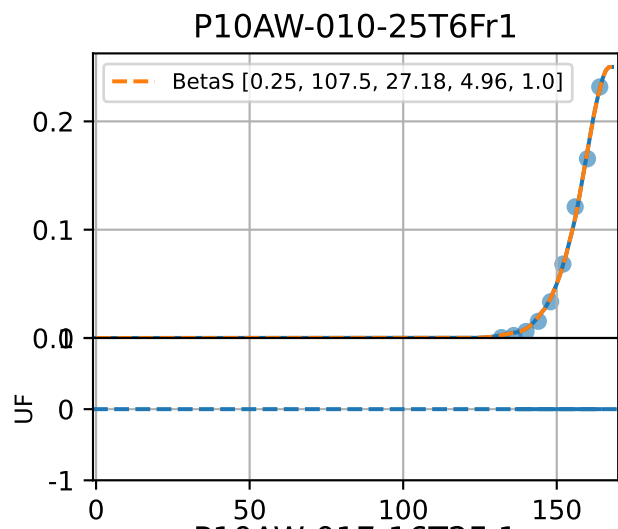


By Plant/Organ Age

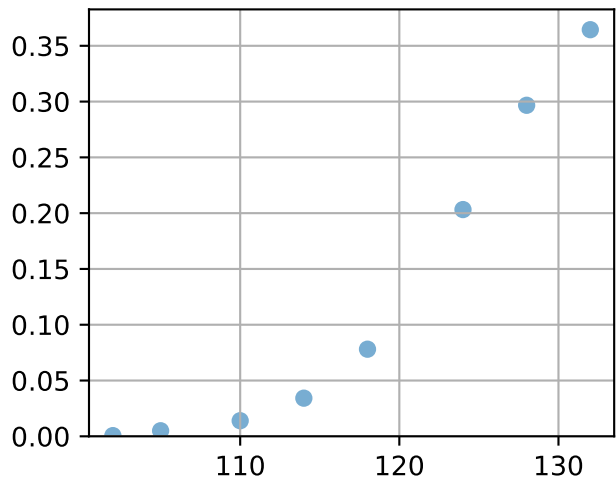




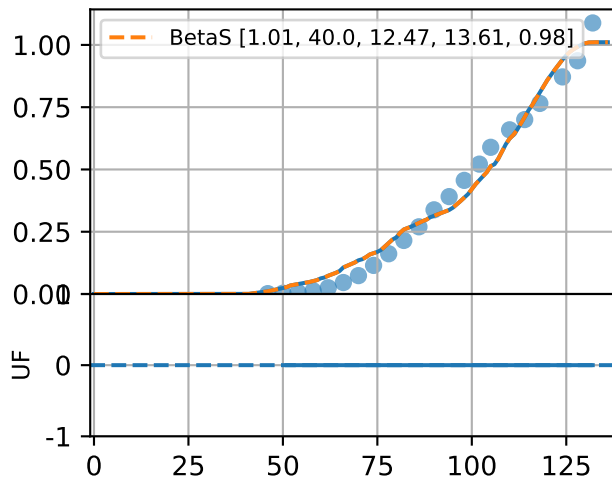




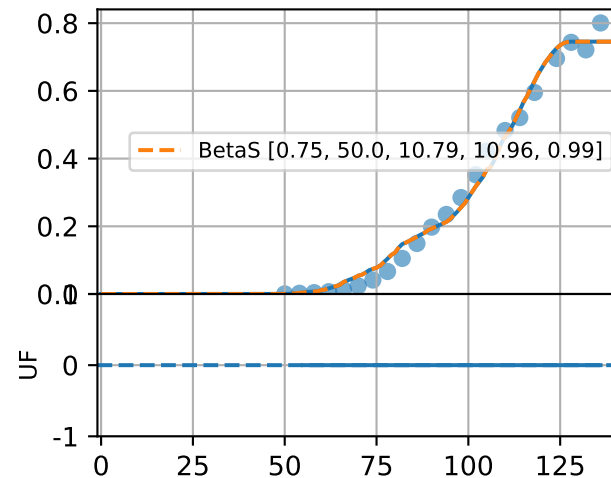
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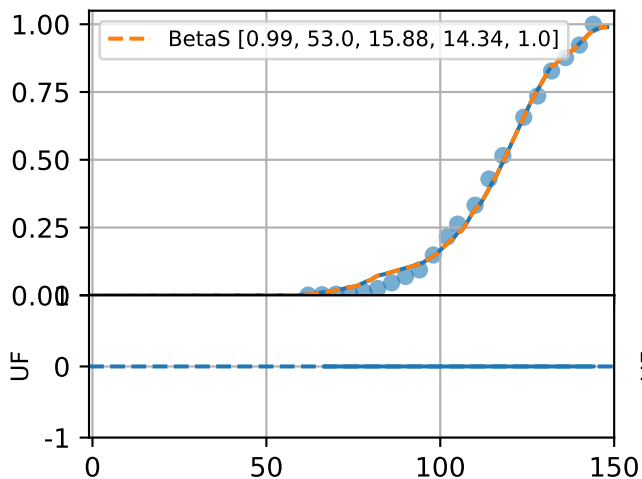
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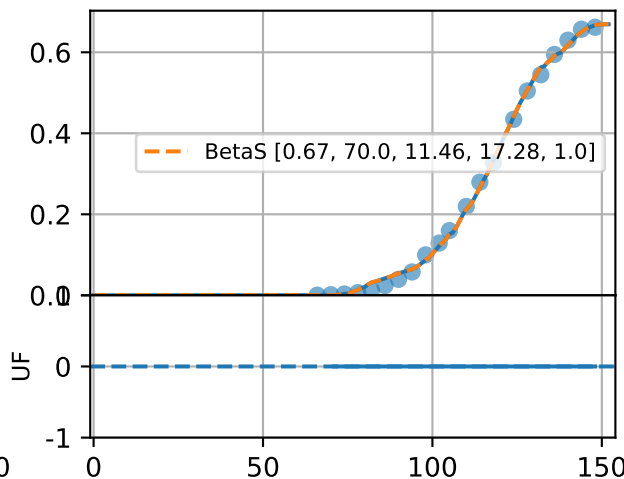
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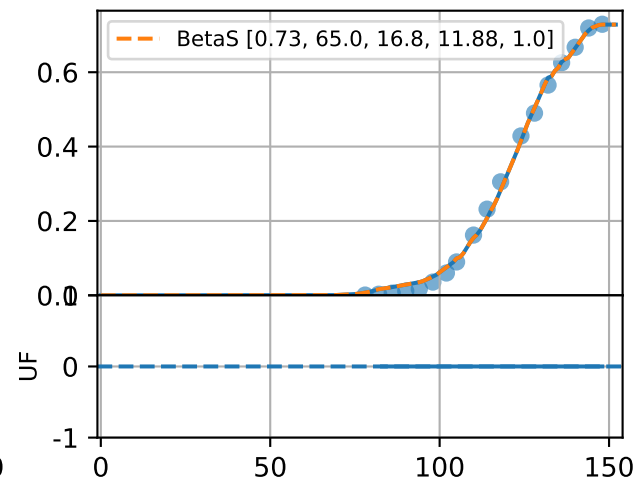
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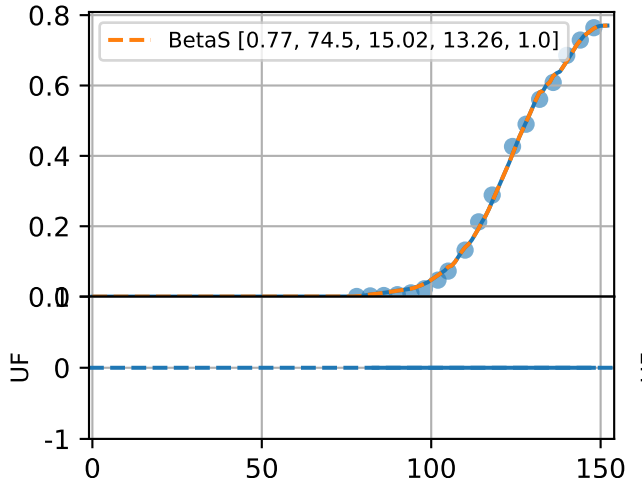
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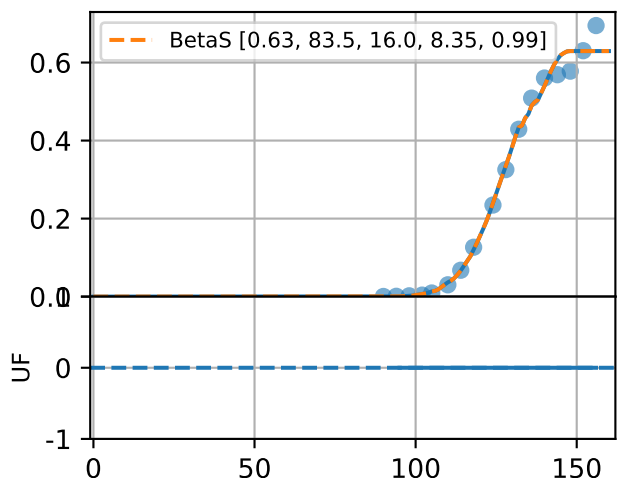
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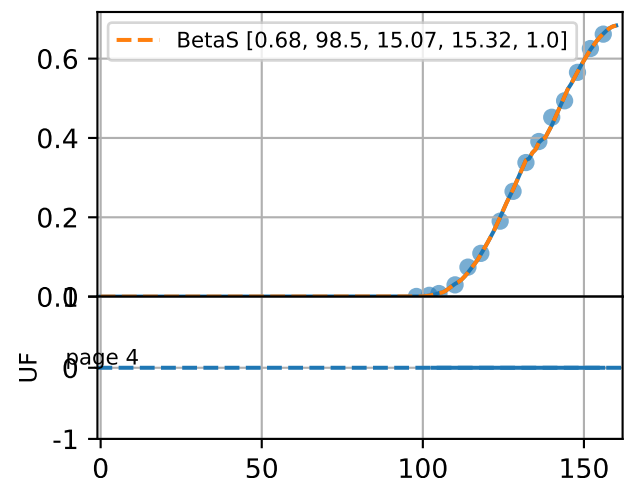
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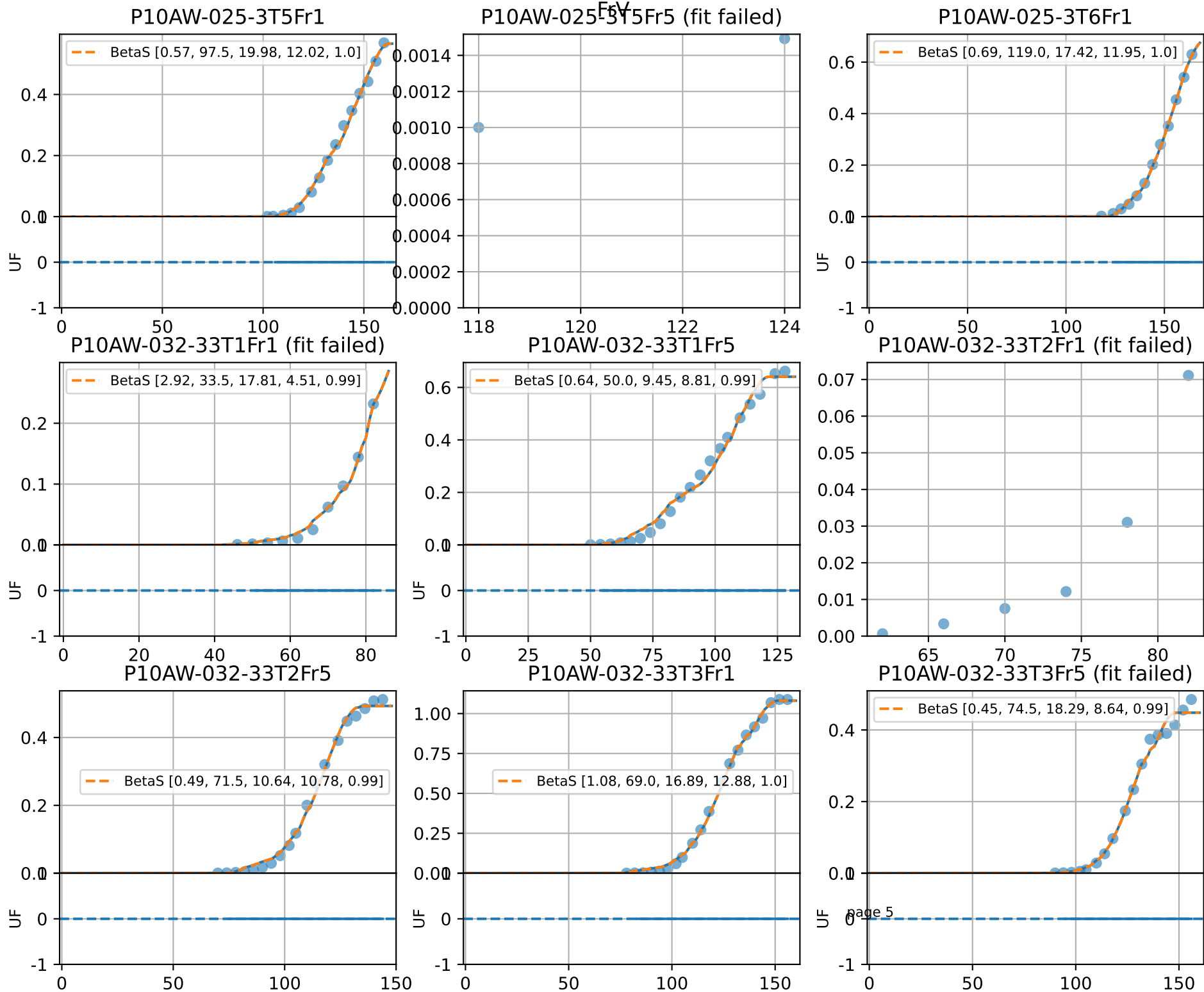


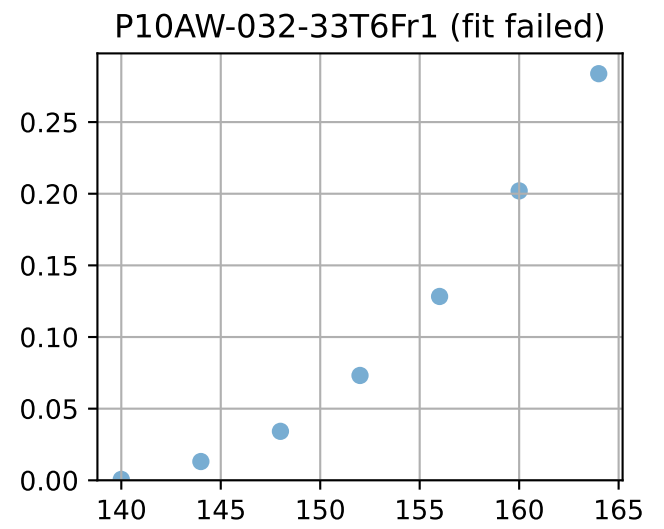
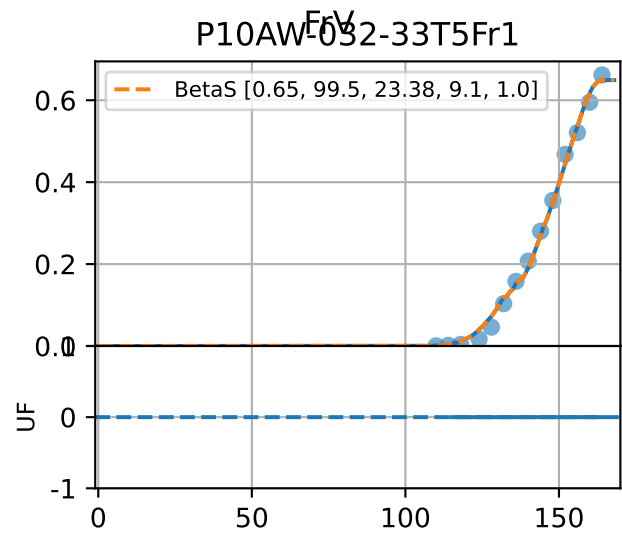
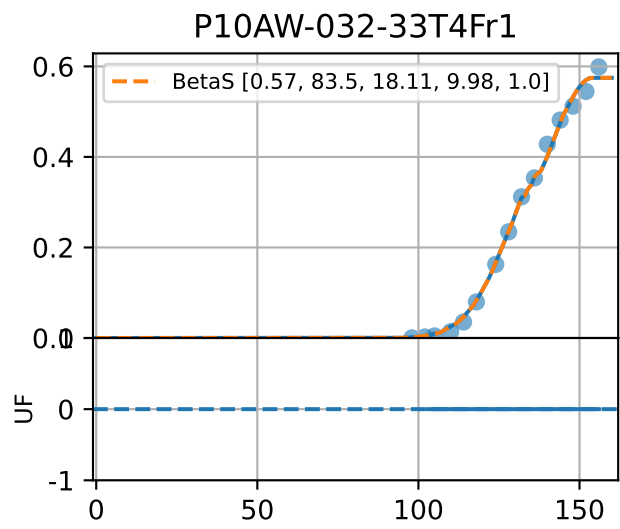
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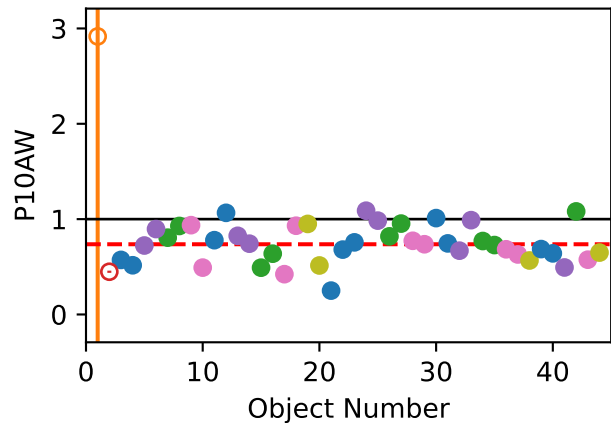
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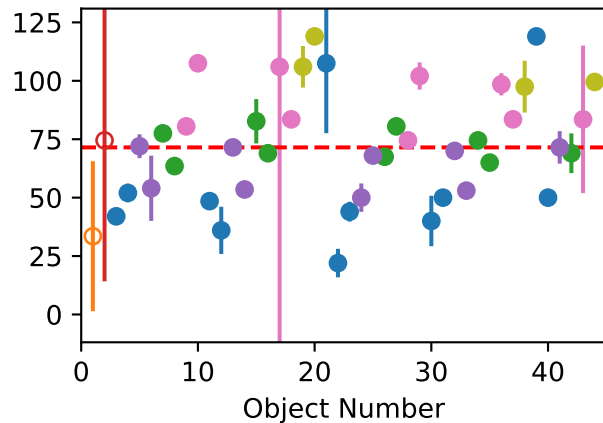




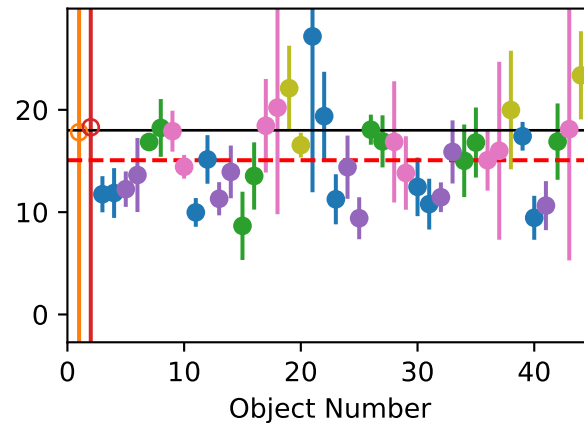
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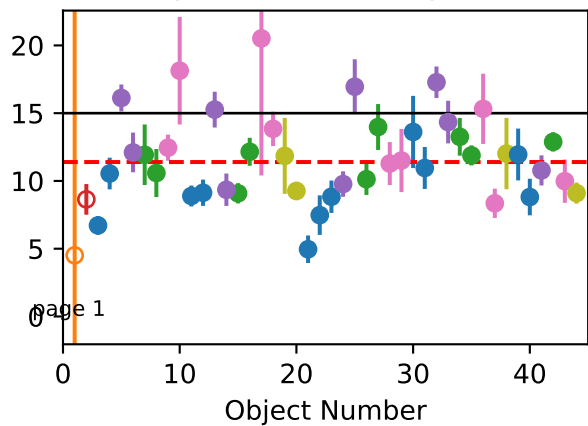
tb (Def=na Set=na)
avg1=10.57~31% avg2=na



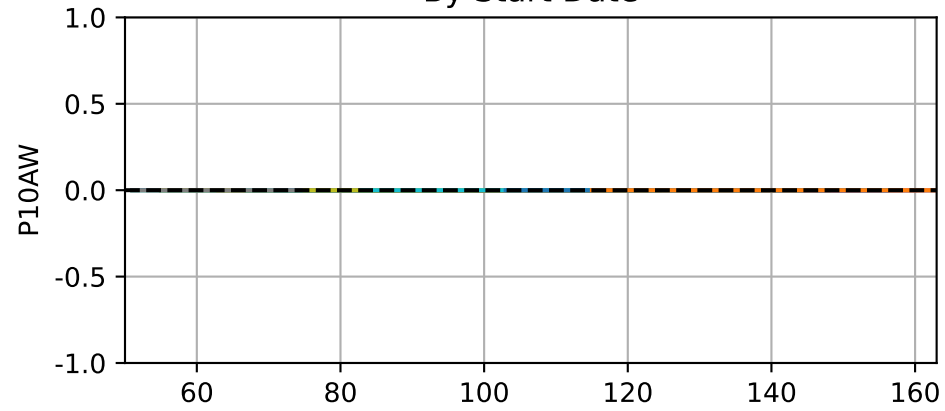
dm (Def=18 Set=15.07)
avg1=15.07~24% avg2=na



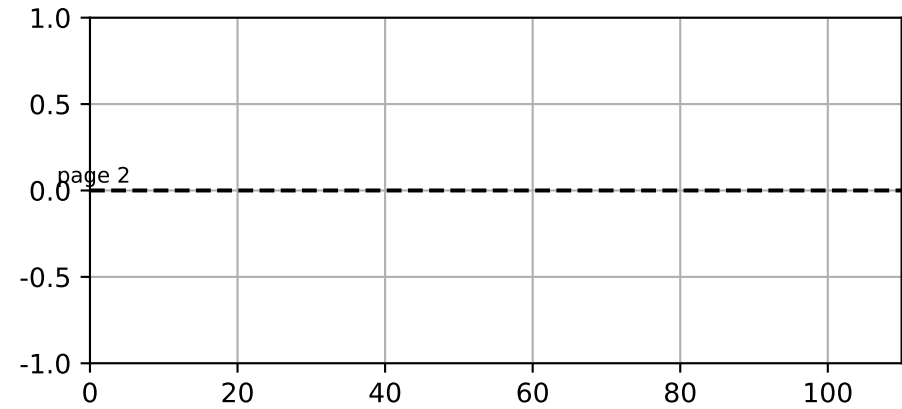
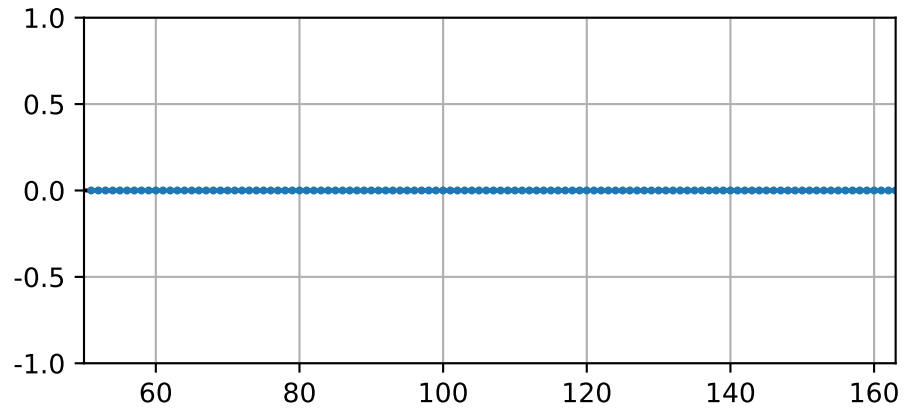
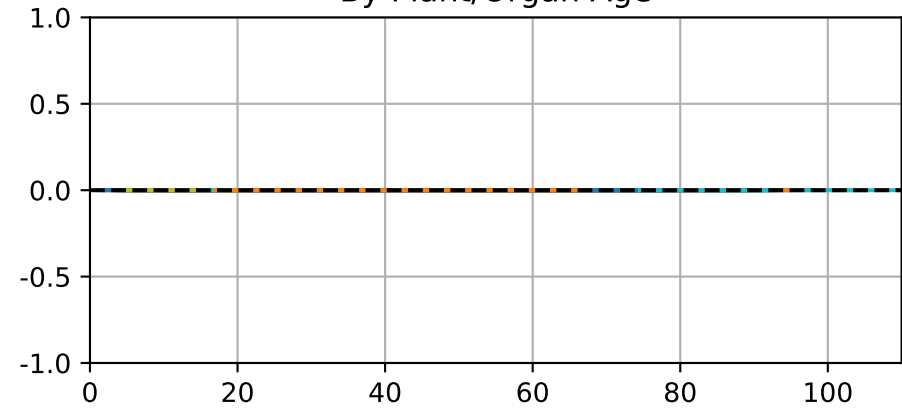
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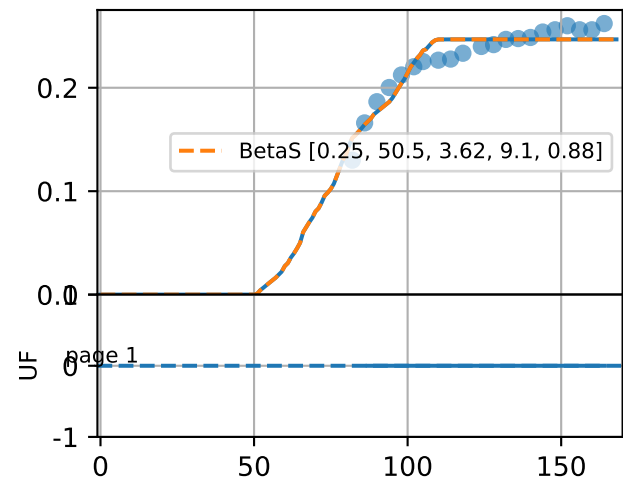
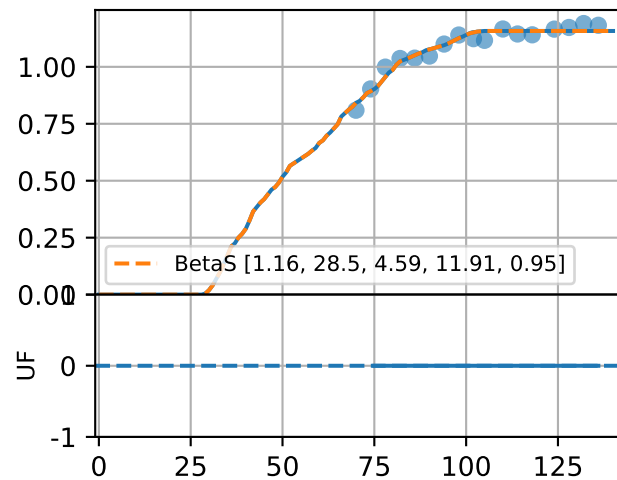
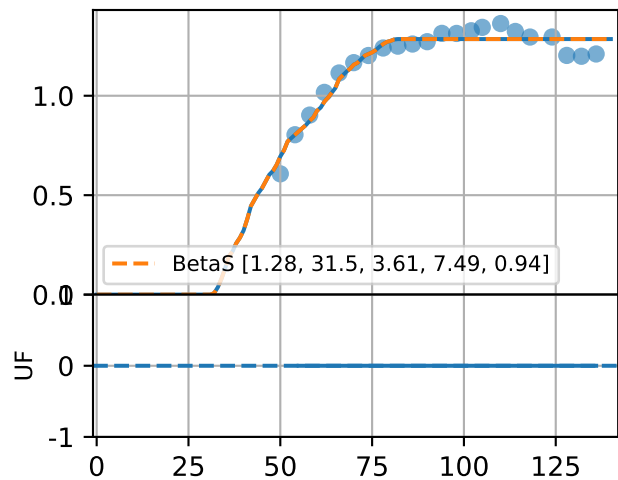
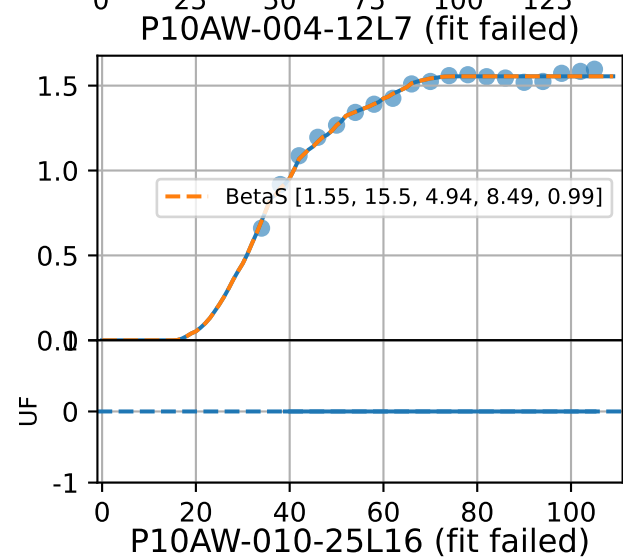
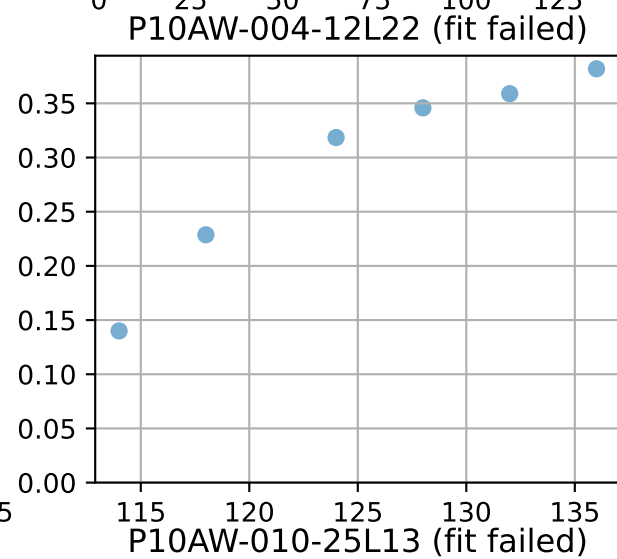
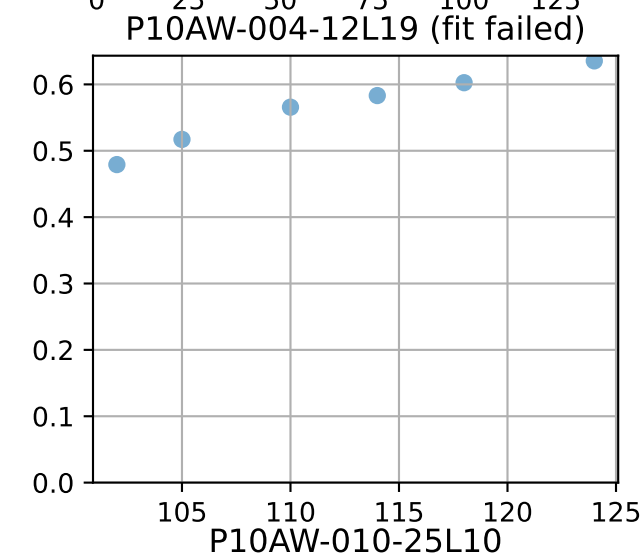
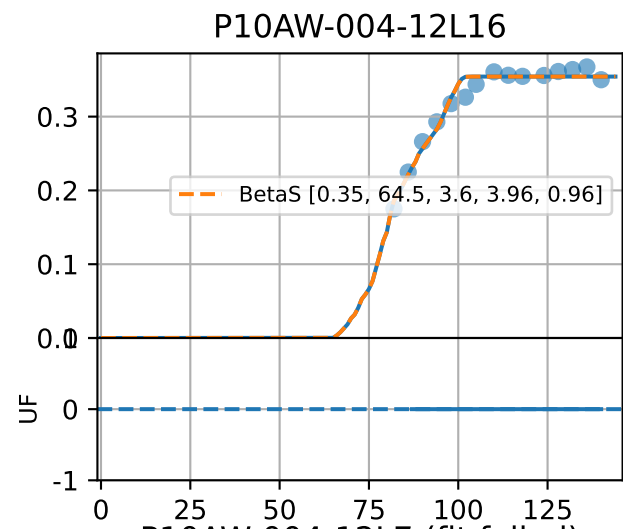
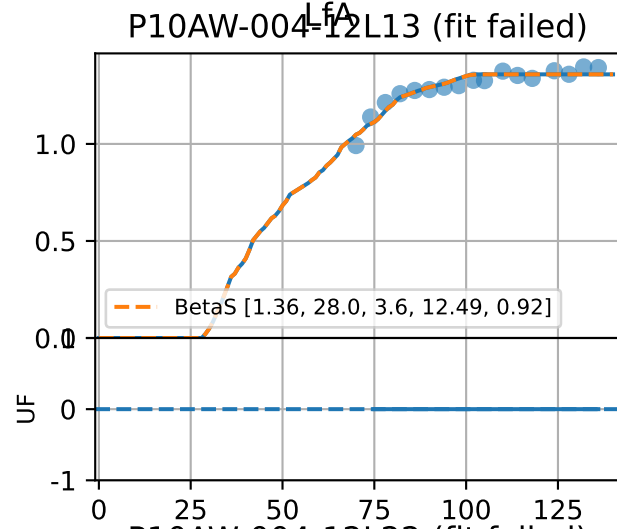
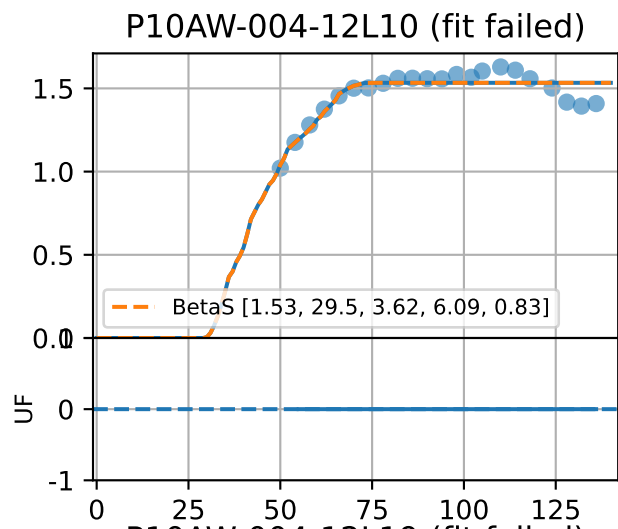


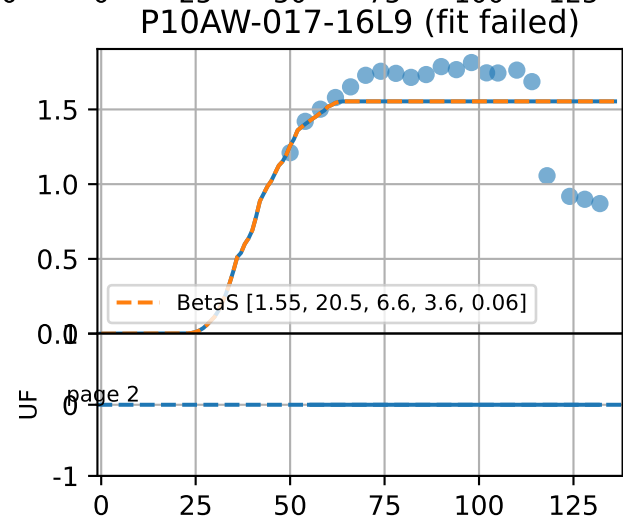
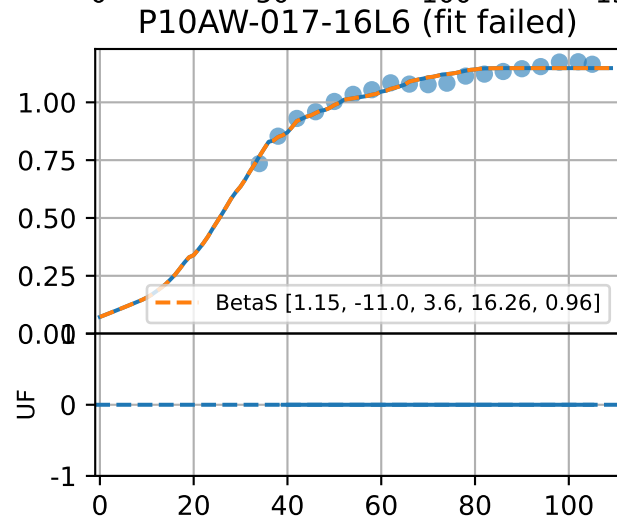
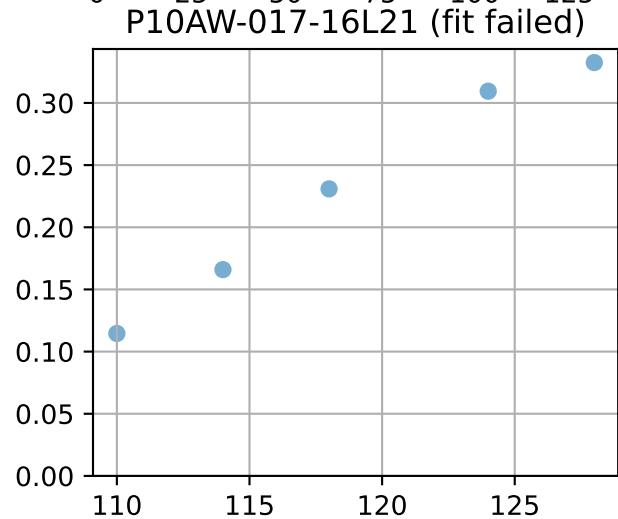
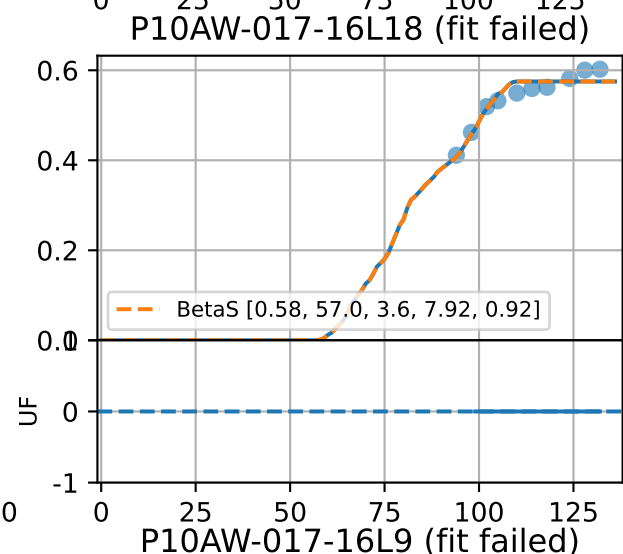
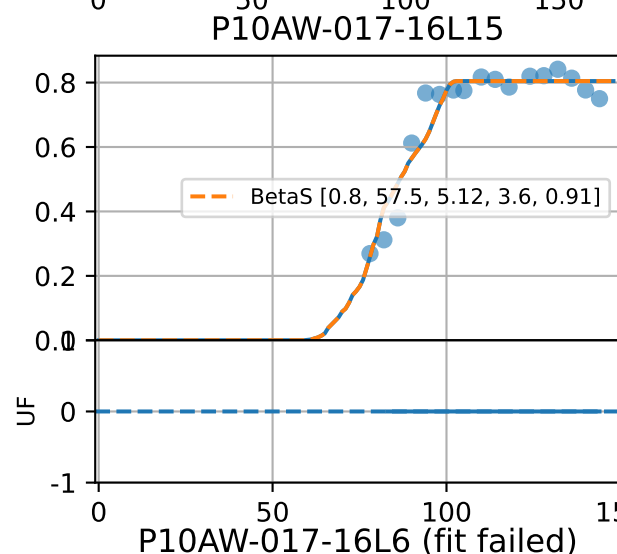
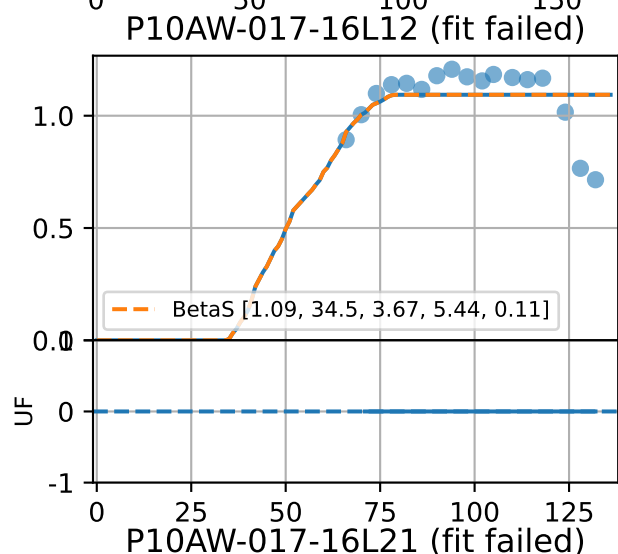
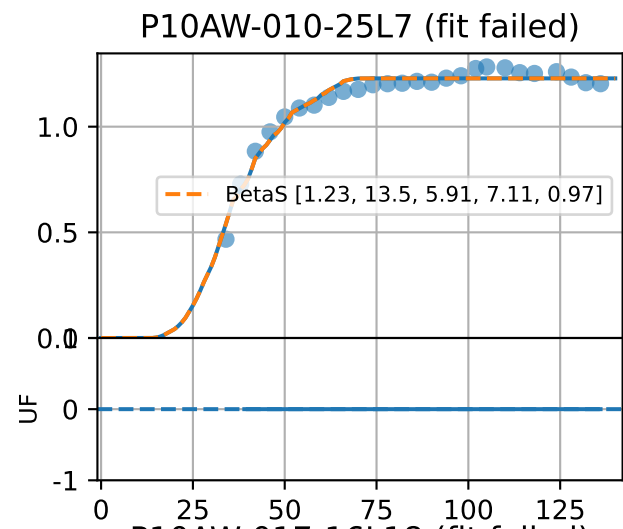
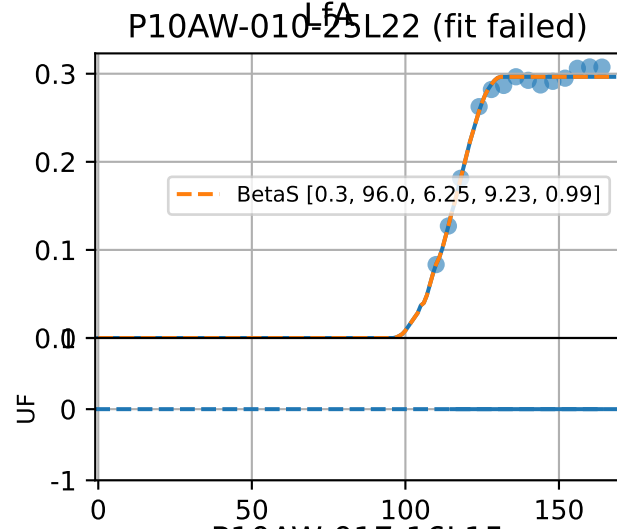
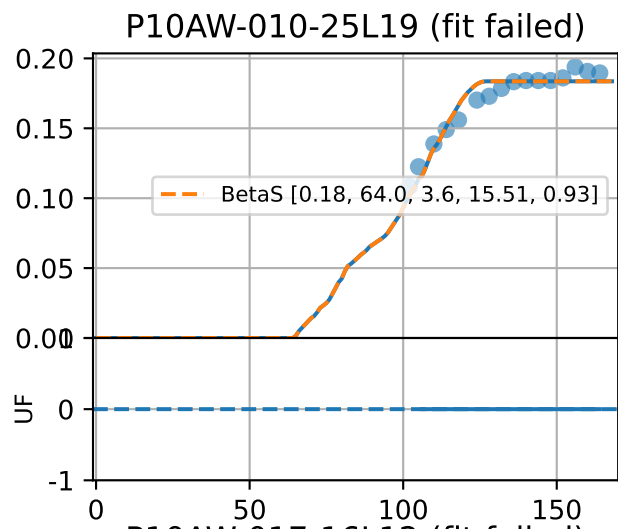
By Start Date

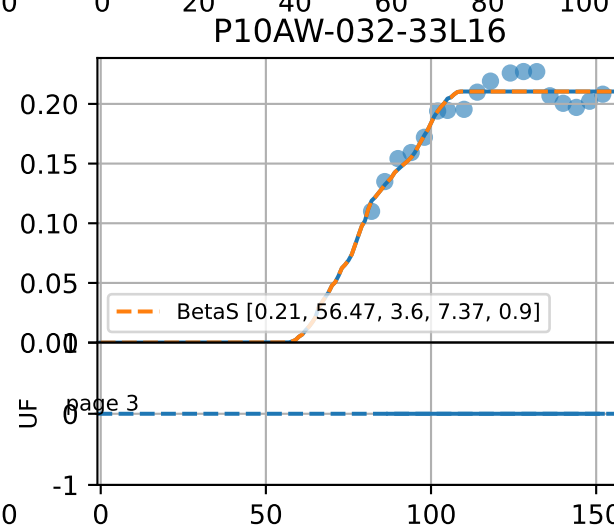
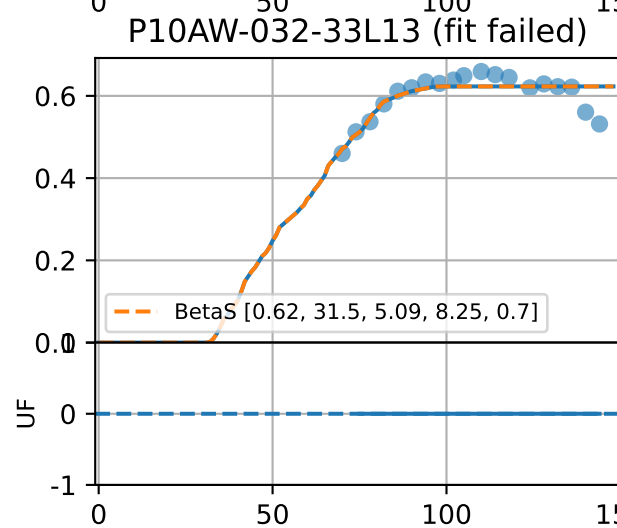
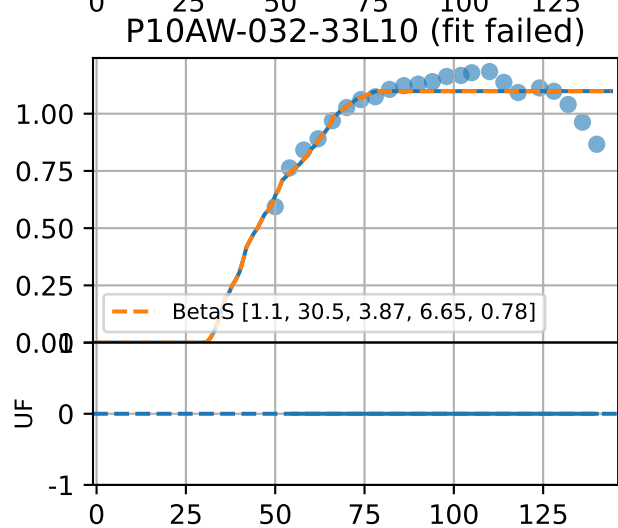
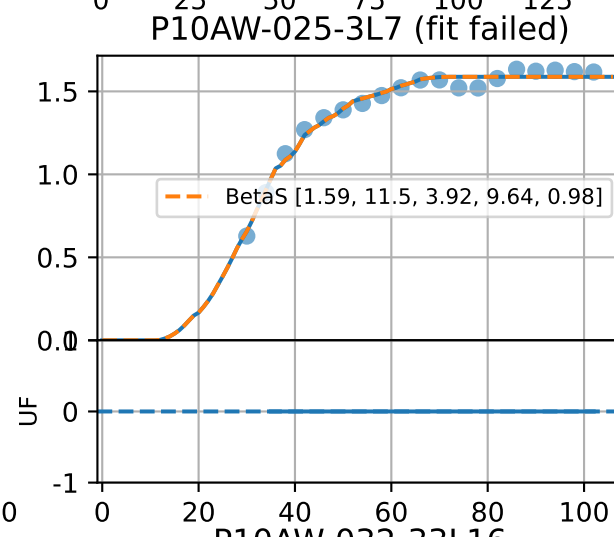
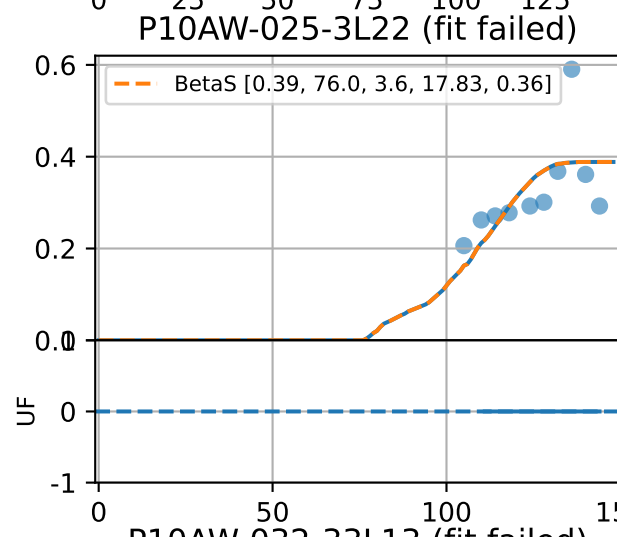
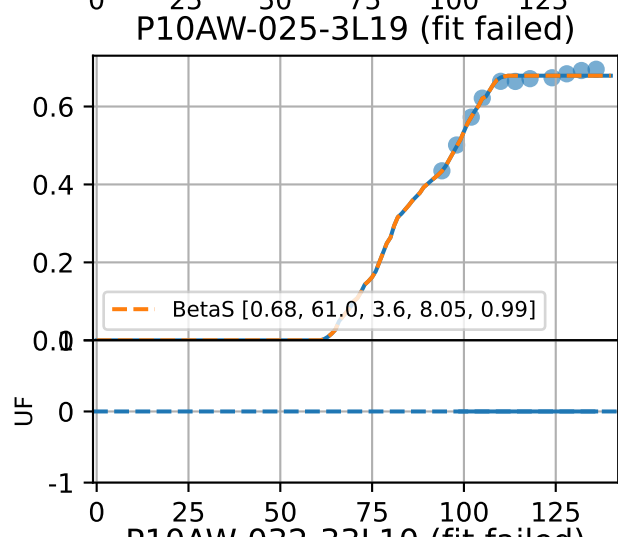
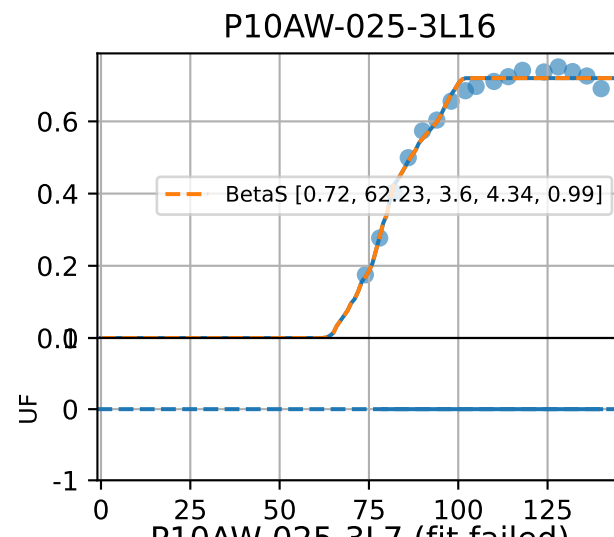
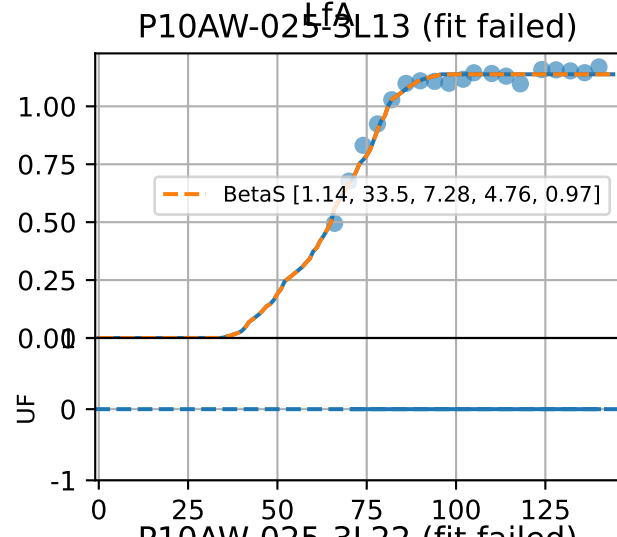
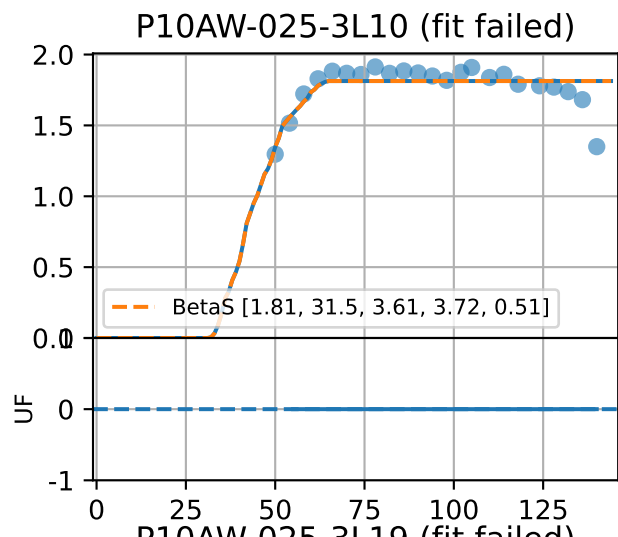


By Plant/Organ Age

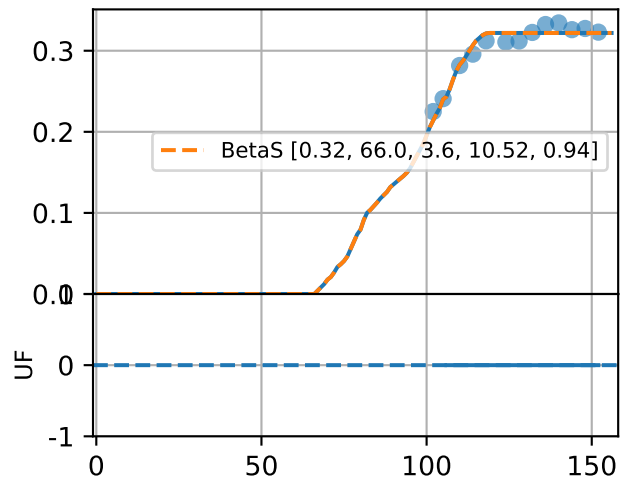




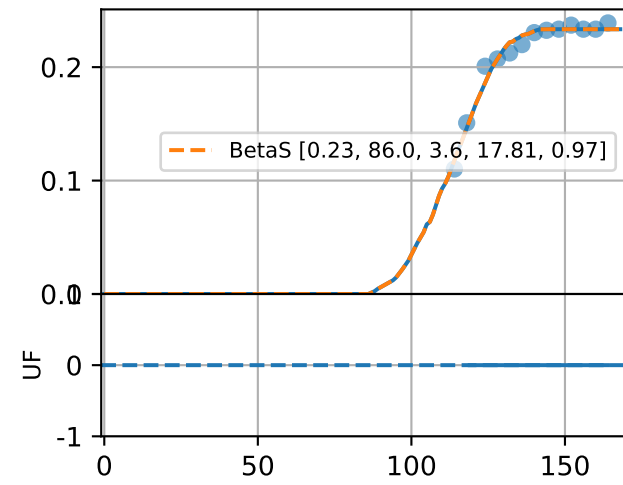




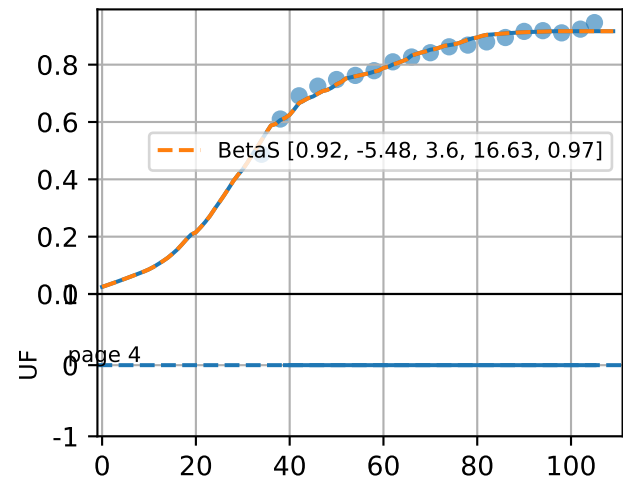
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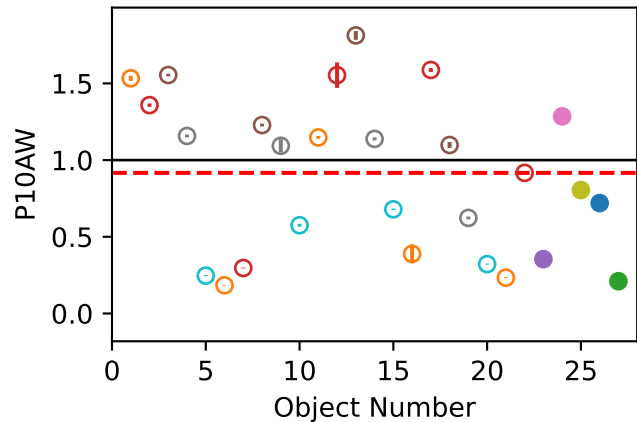
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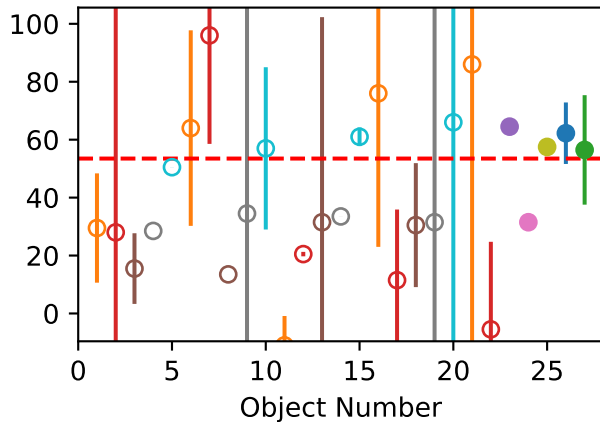
P10AW-032-33L7 (fit failed)



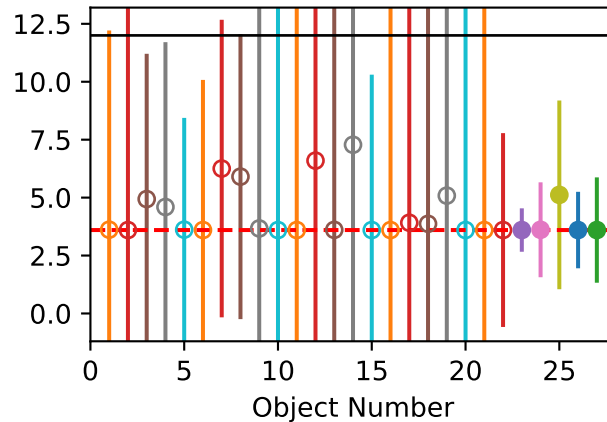
rmax (Def=1 Set=0.92)
avg1=0.92~55% avg2=na



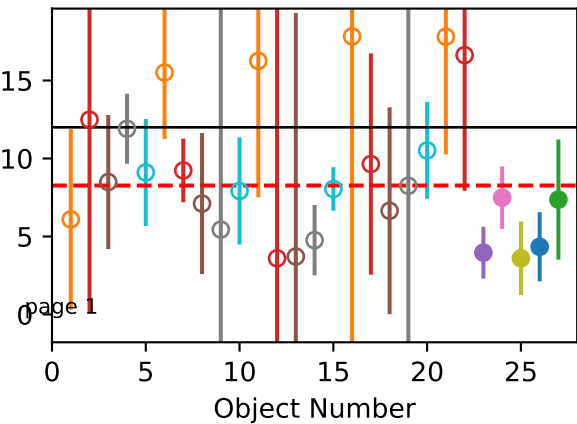
tb (Def=na Set=na)
avg1=10.4~47% avg2=na



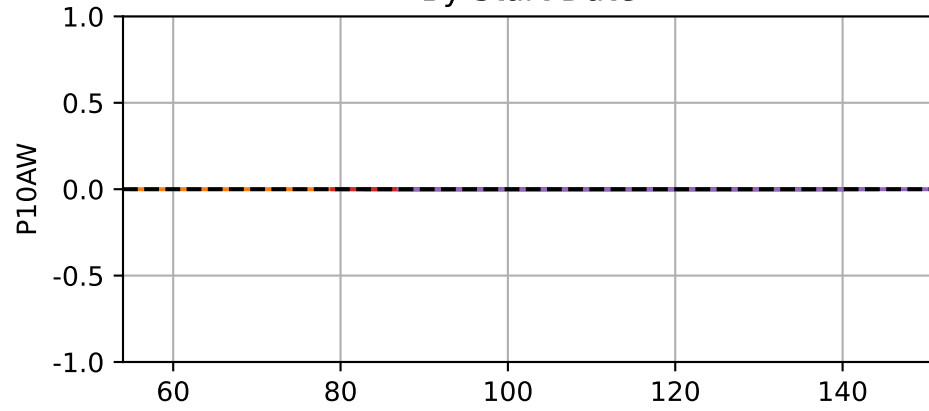
dm (Def=12 Set=3.6)
avg1=3.6~0% avg2=na



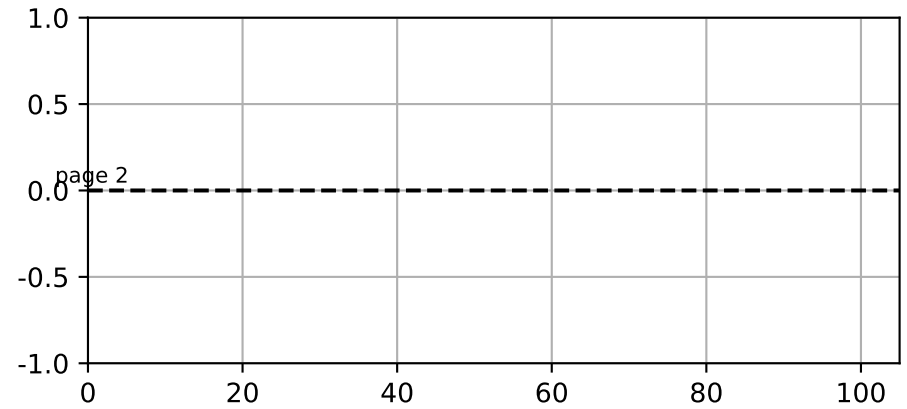
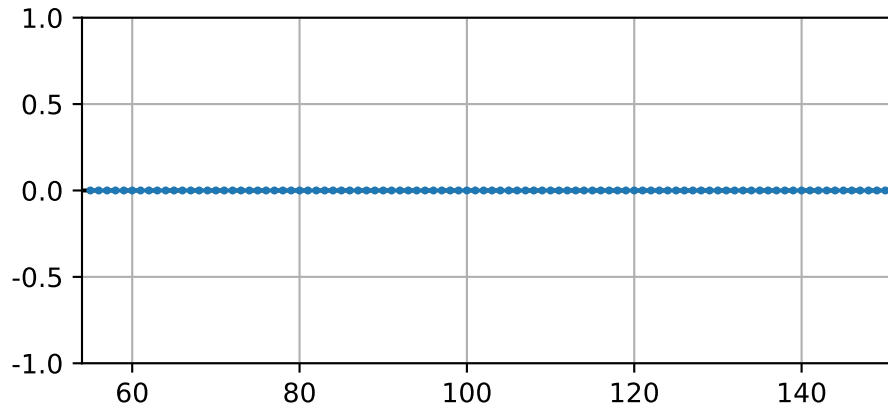
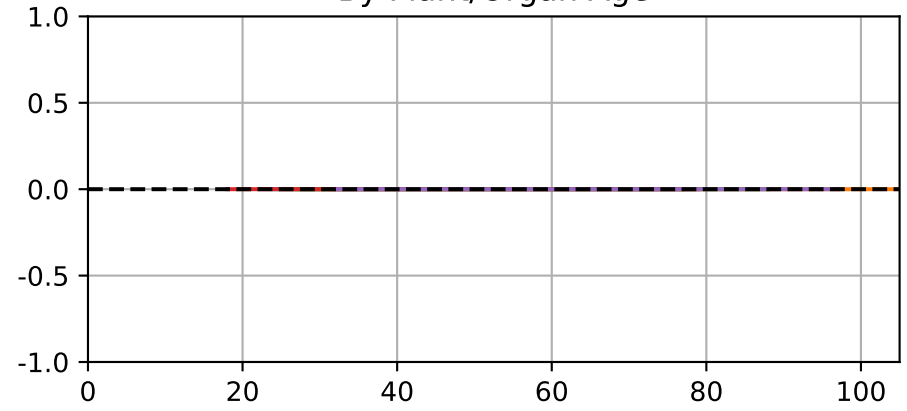
de (Def=12 Set=8.27)
avg1=8.27~51% avg2=na

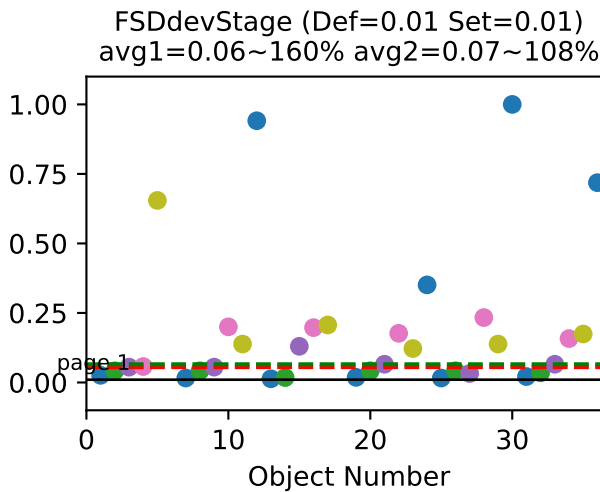
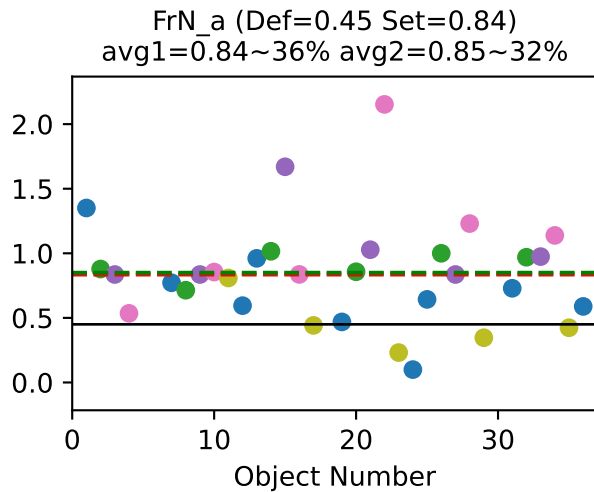
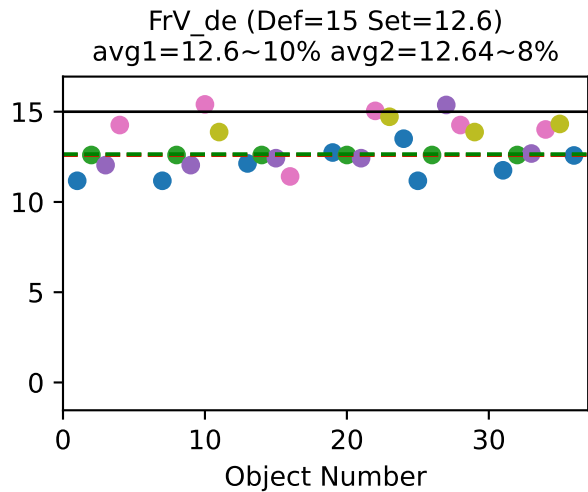
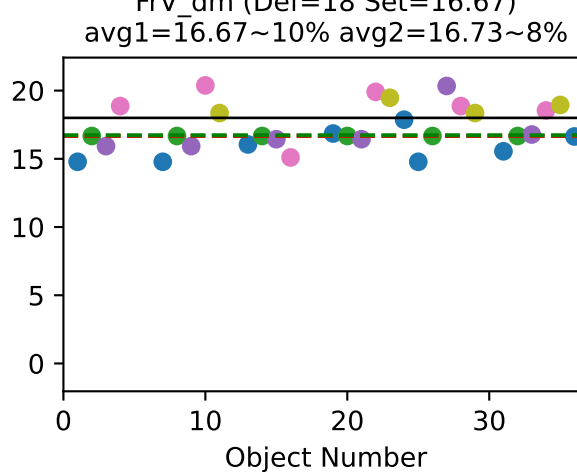
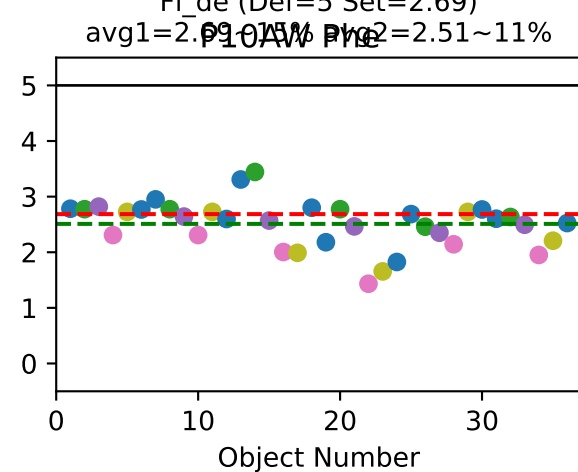
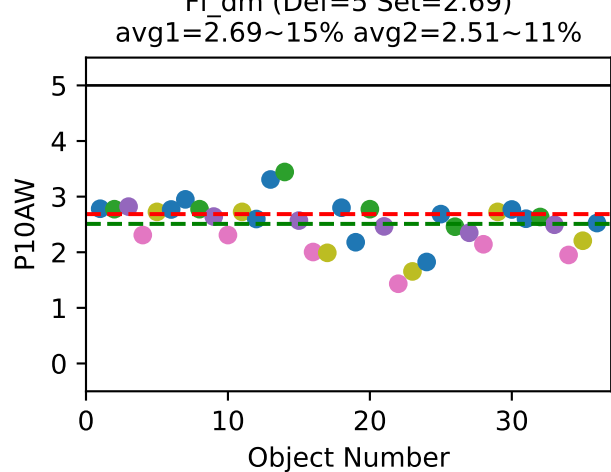


By Start Date

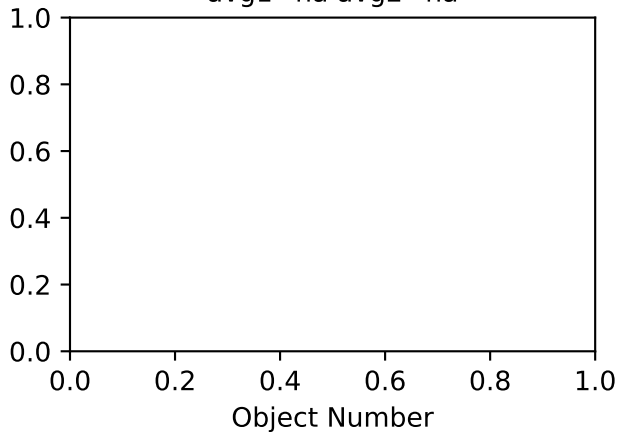


By Plant/Organ Age

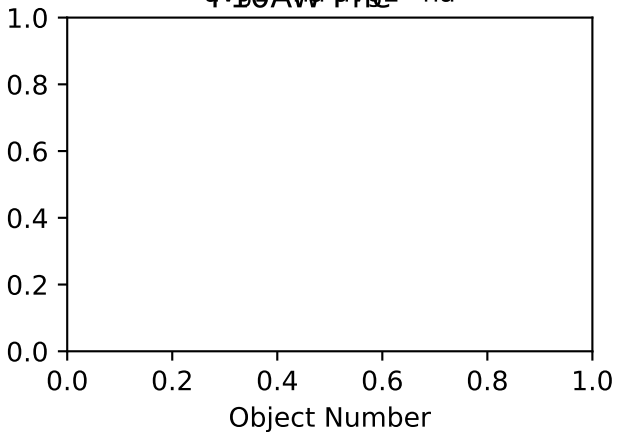




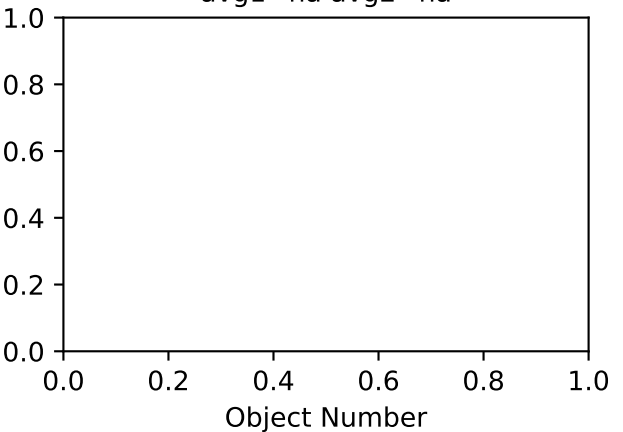
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



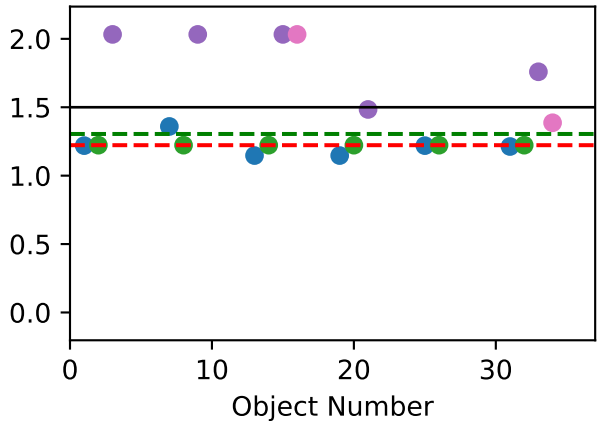
FMDDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



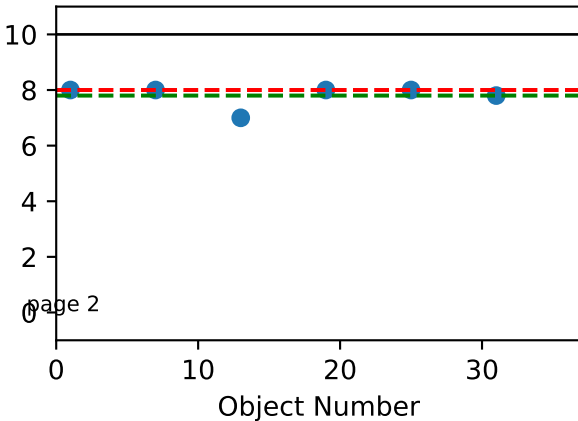
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



FHDdevStage (Def=1.5 Set=1.22)
avg1=1.22~30% avg2=1.3~20%

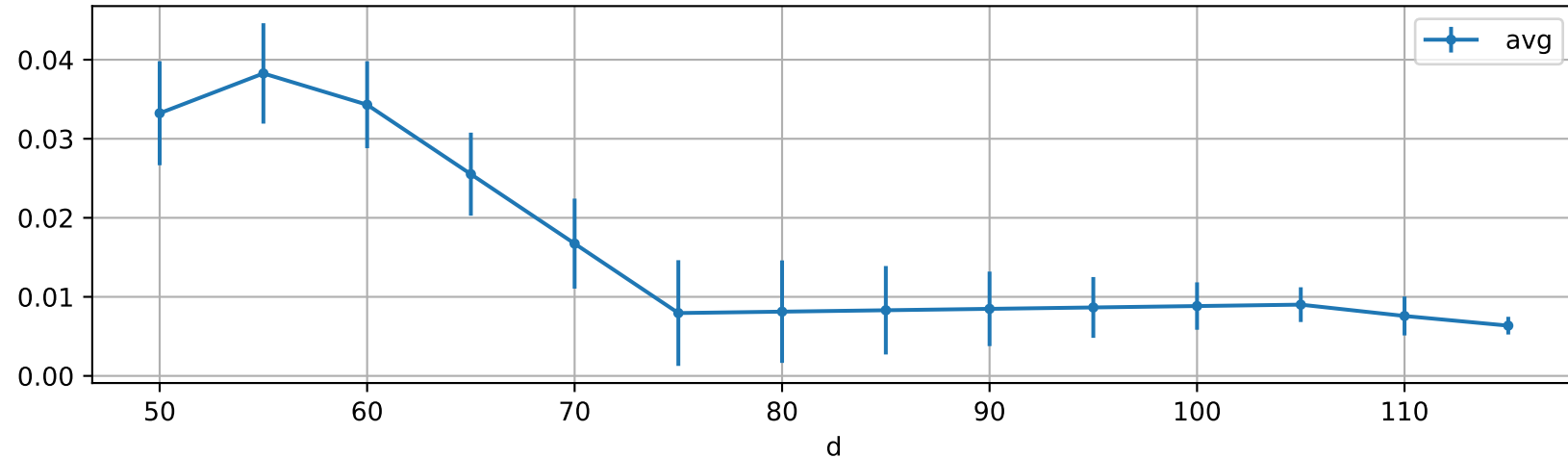


NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=7.8

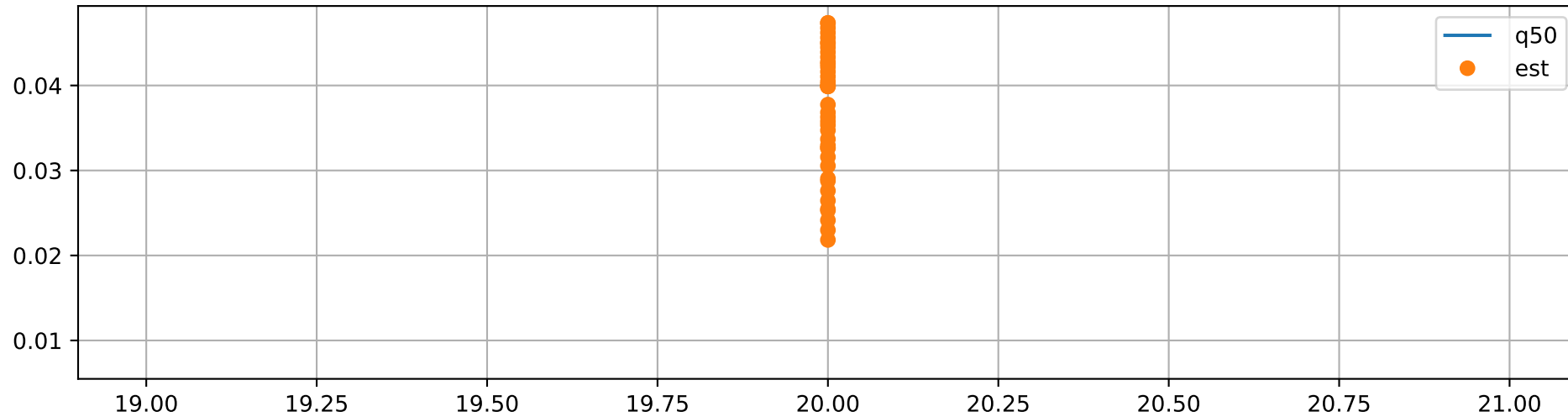


LfA: avg vs. d at each age group

age=20



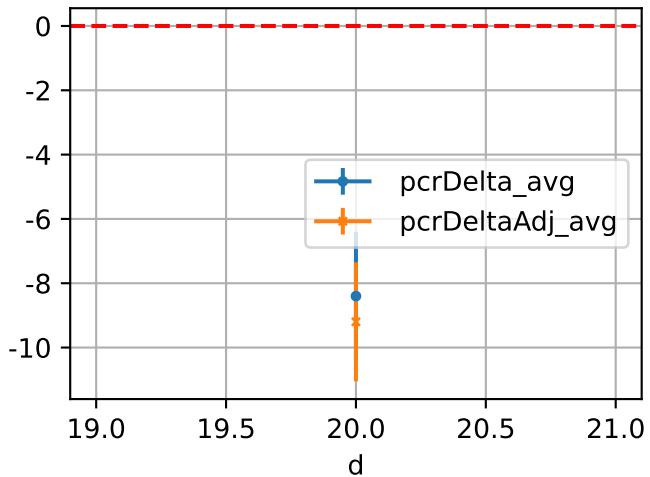
LfA: model est vs obsOv@Q50



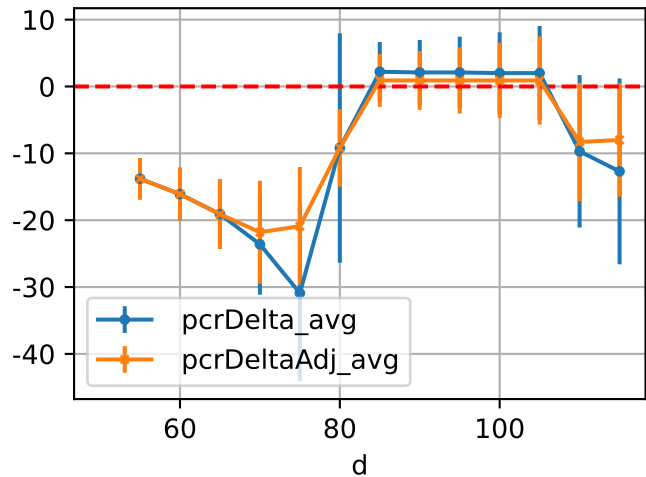
P10AW LfA: D_5d_LfA

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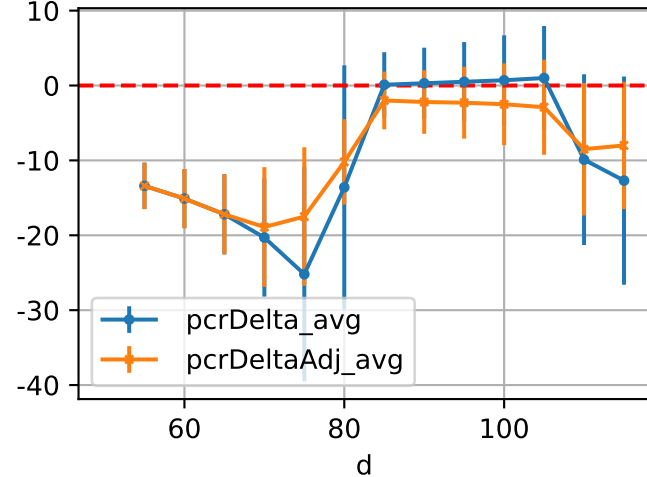
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

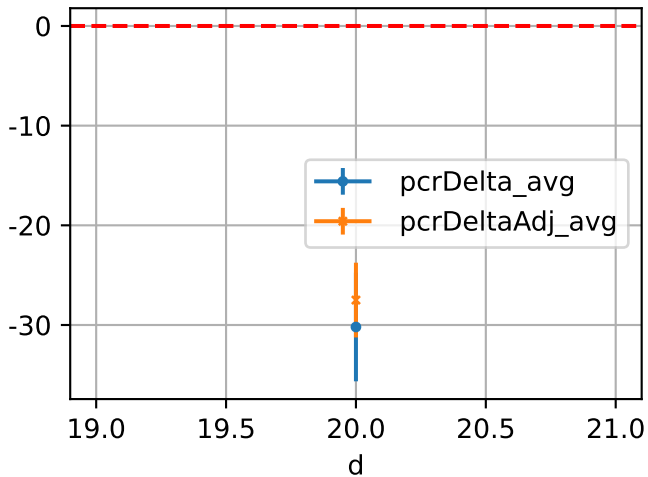


DeltaTypeAbbr=WeiAvgByD

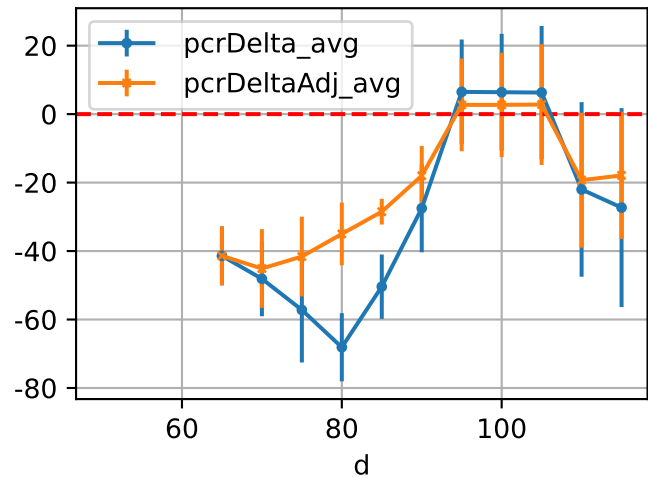


P10AW LfA: D_15d_LfA

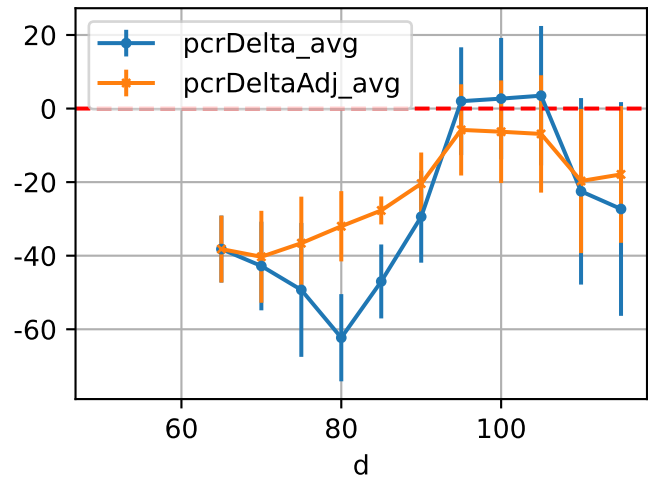
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

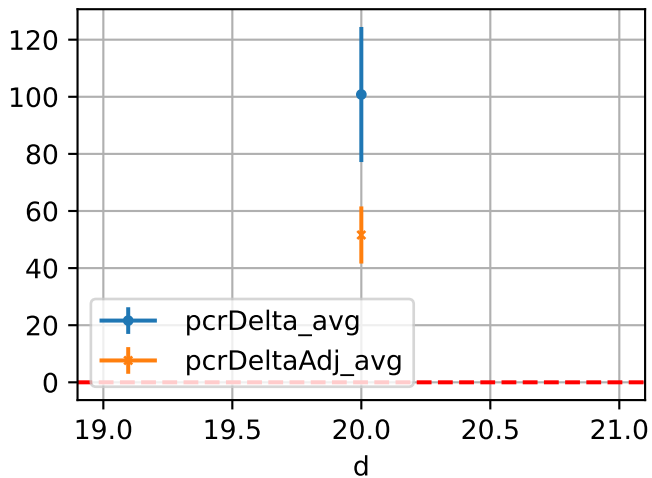


DeltaTypeAbbr=WeiAvgByD

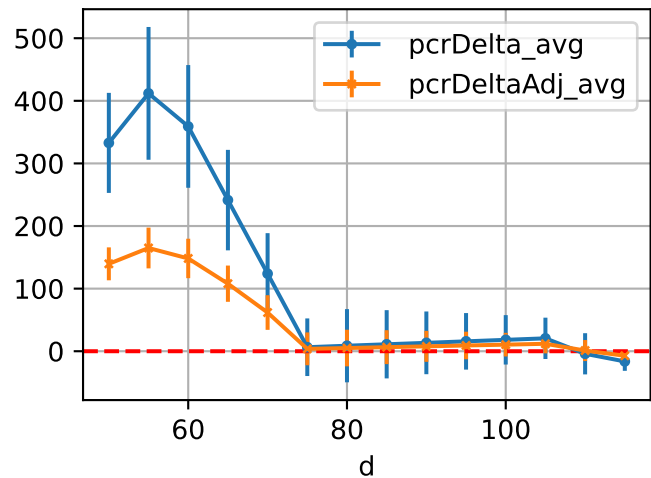


P10AW LfA: D_Q50_LfA

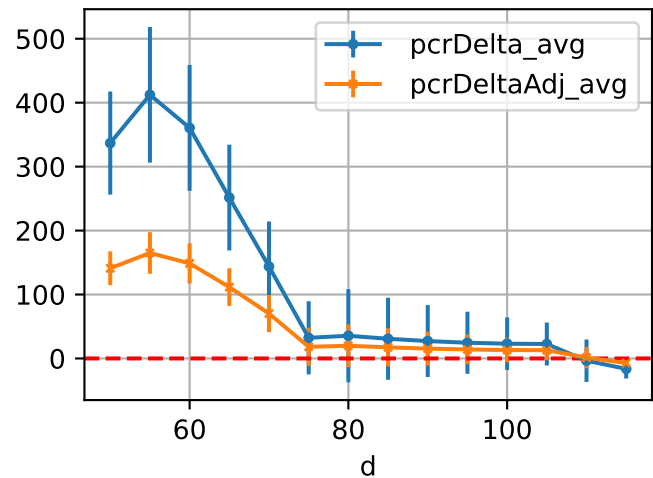
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

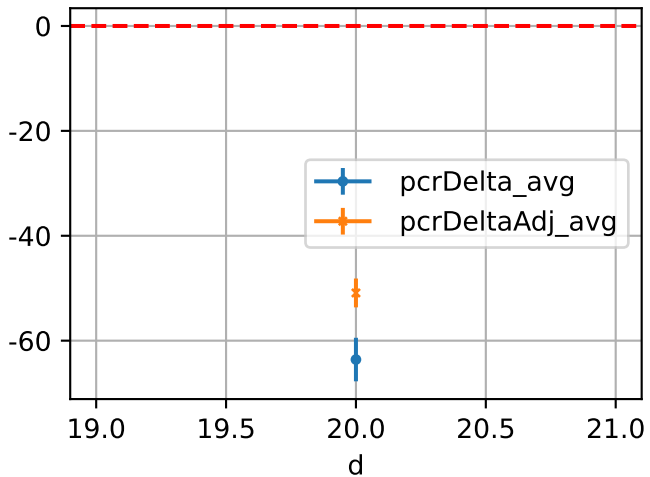


DeltaTypeAbbr=WeiAvgByD

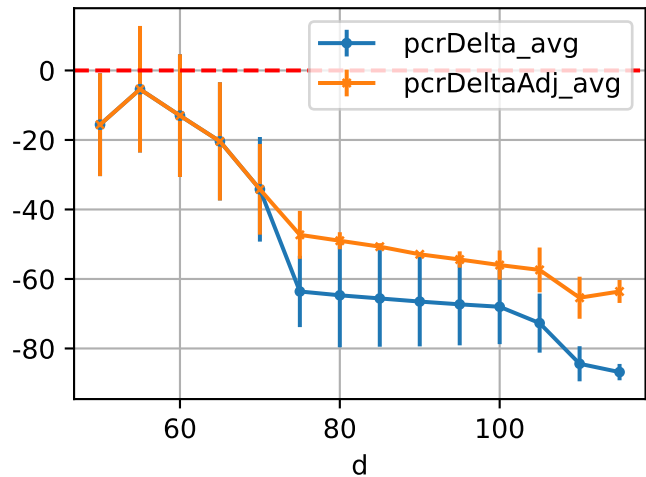


P10AW LfA: D_Est_LfA

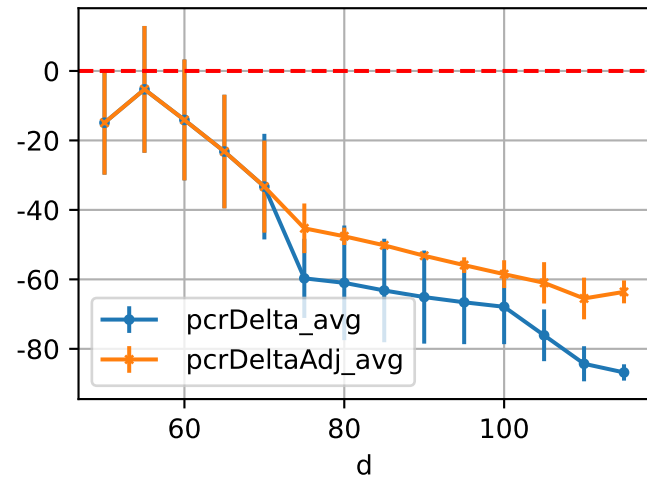
DeltaTypeAbbr=GrpByAge



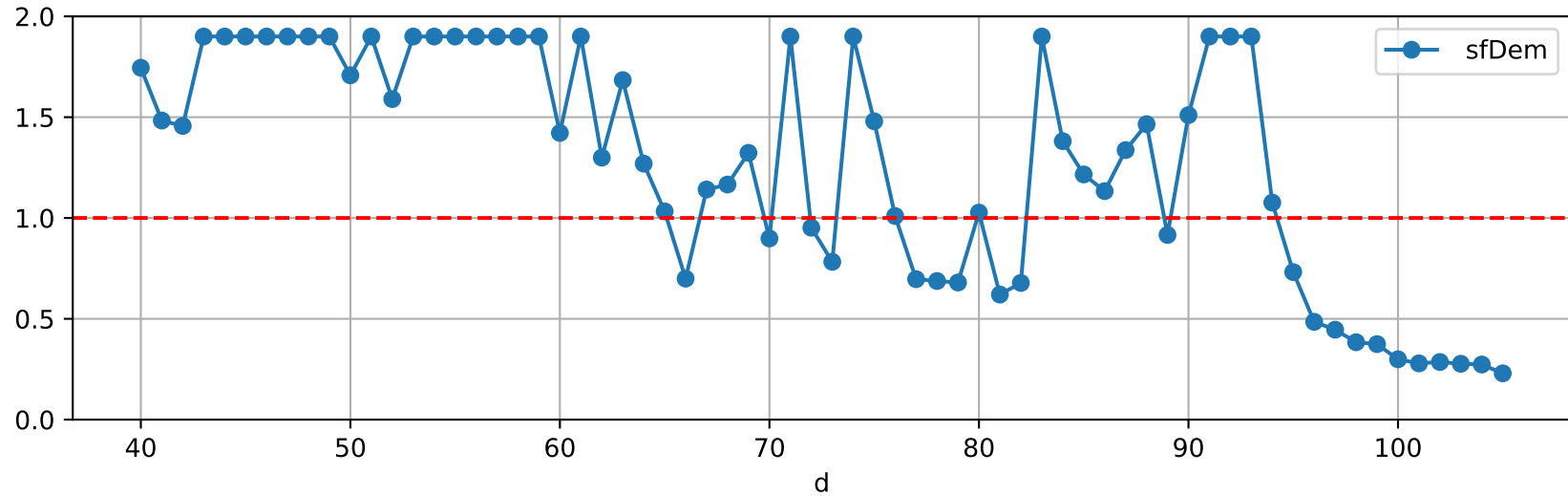
DeltaTypeAbbr=GrpByDay



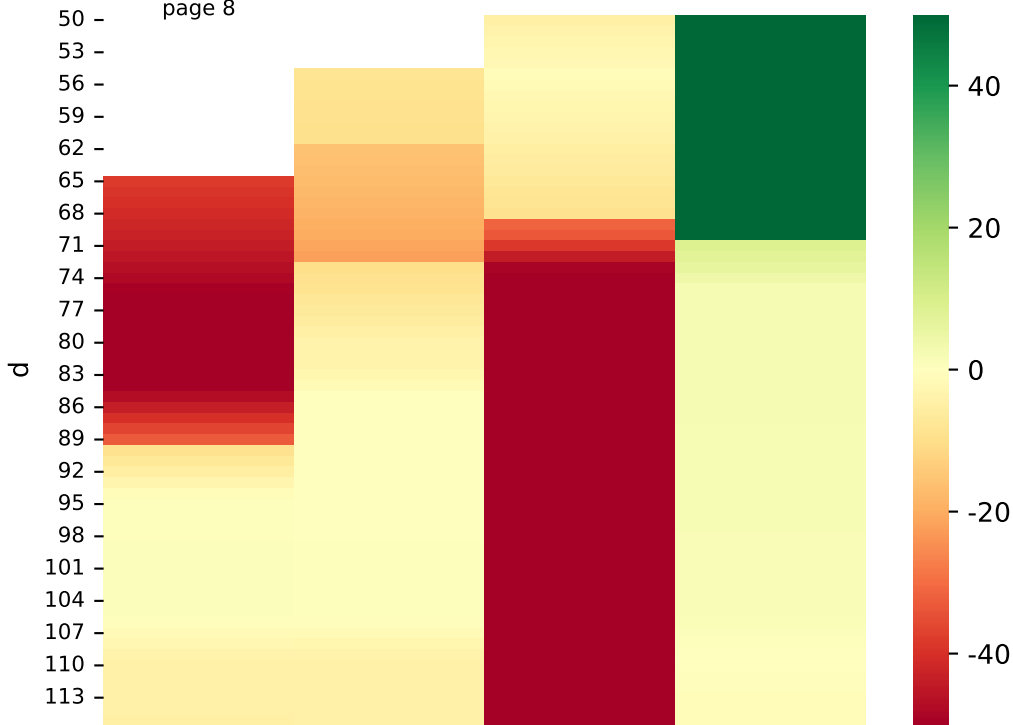
DeltaTypeAbbr=WeiAvgByD



LfA: sfDem

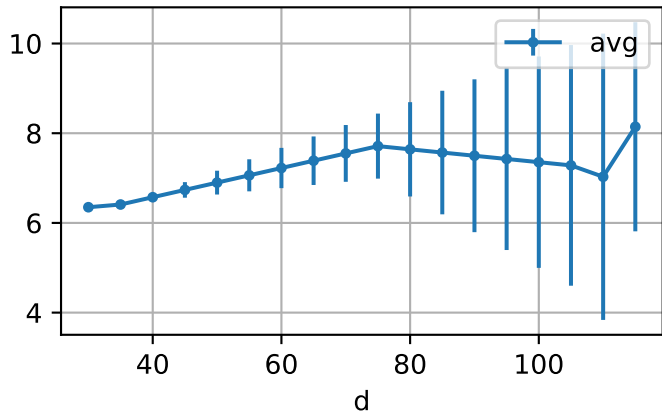


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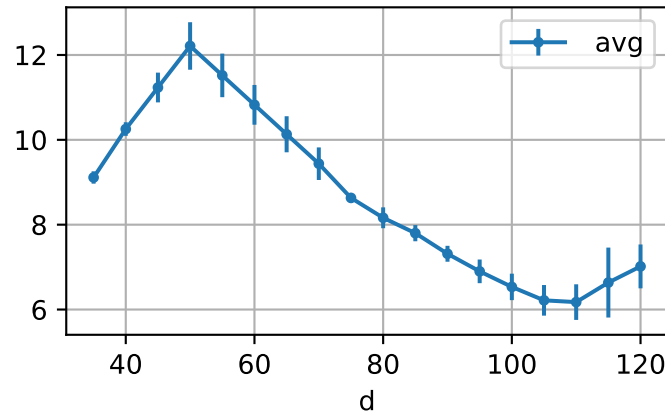


NdD: avg vs. d at each age group

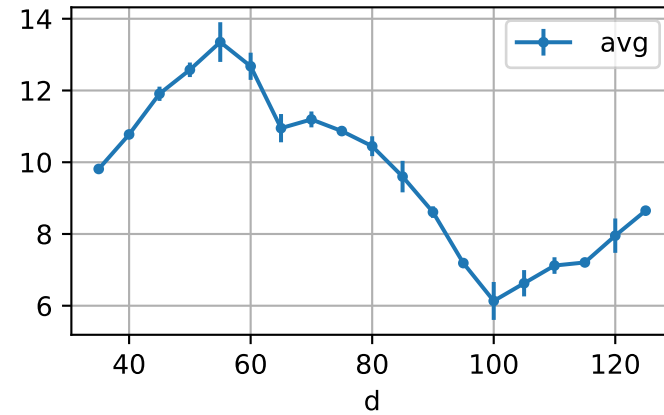
age=15



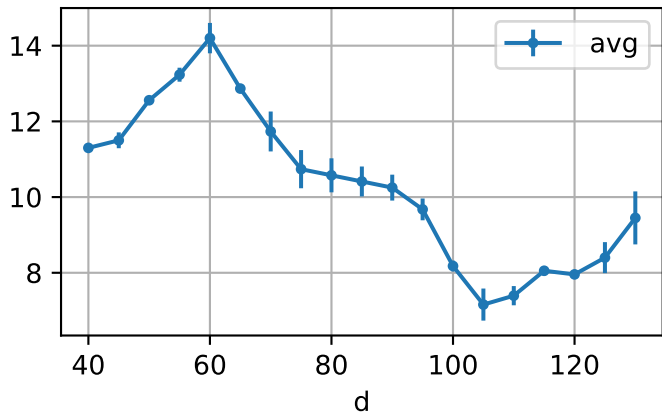
age=20



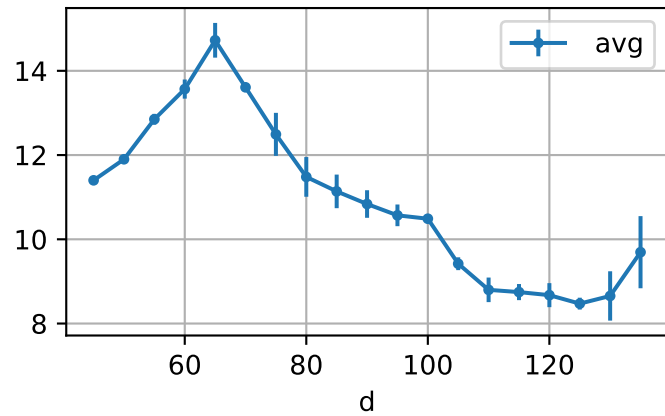
age=25



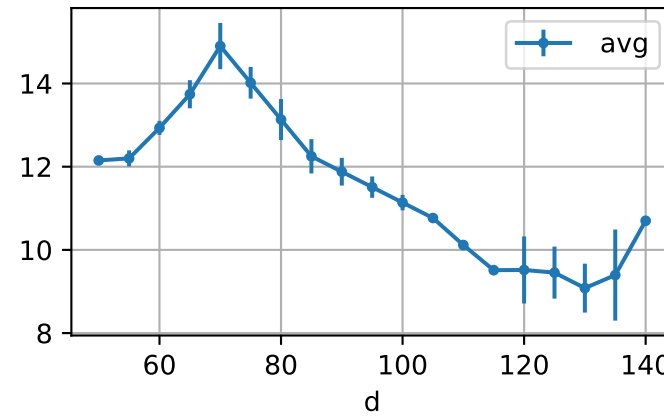
age=30



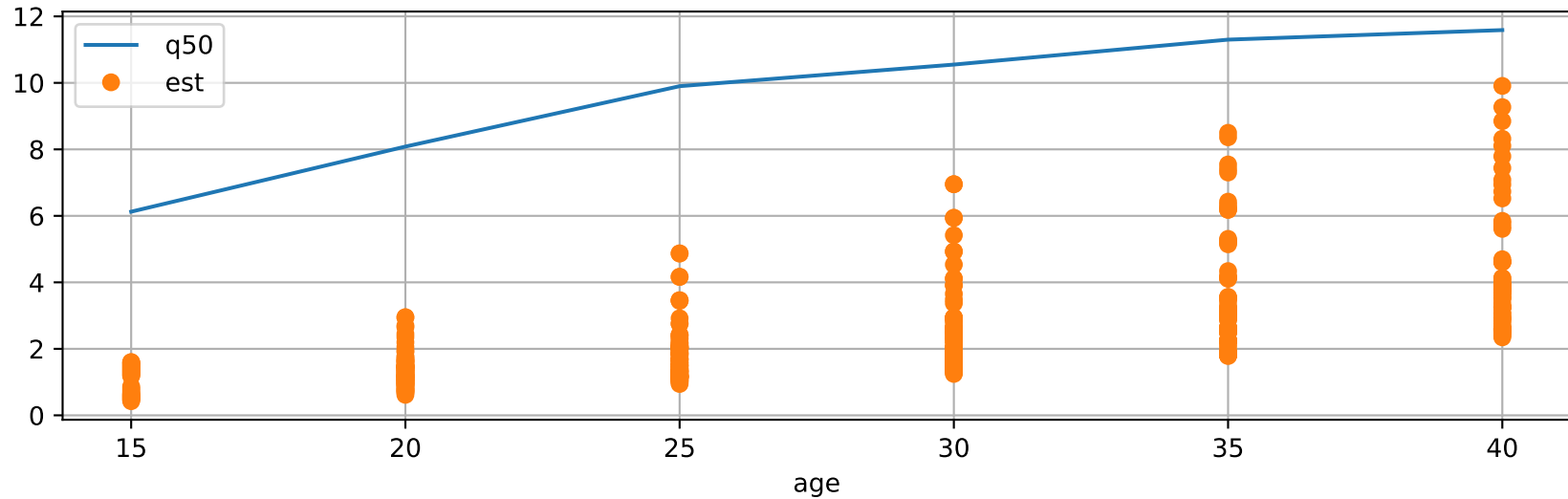
age=35



age=40

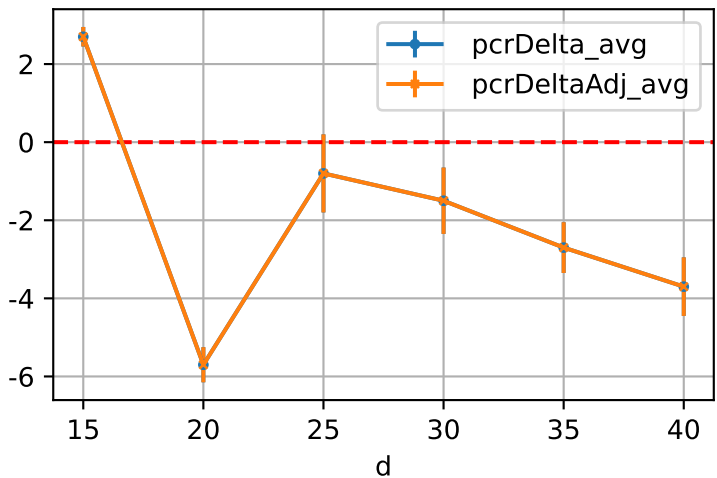


NdD: model est vs obsOv@Q50

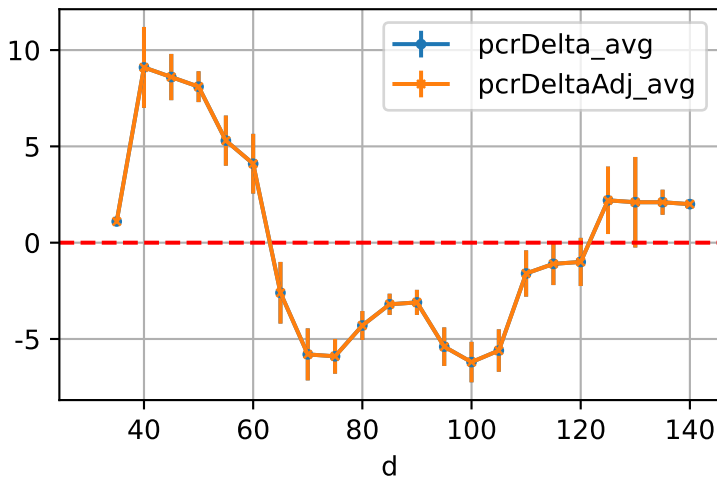


P10AW NdD: D_5d_NdD

DeltaTypeAbbr=GrpByAge

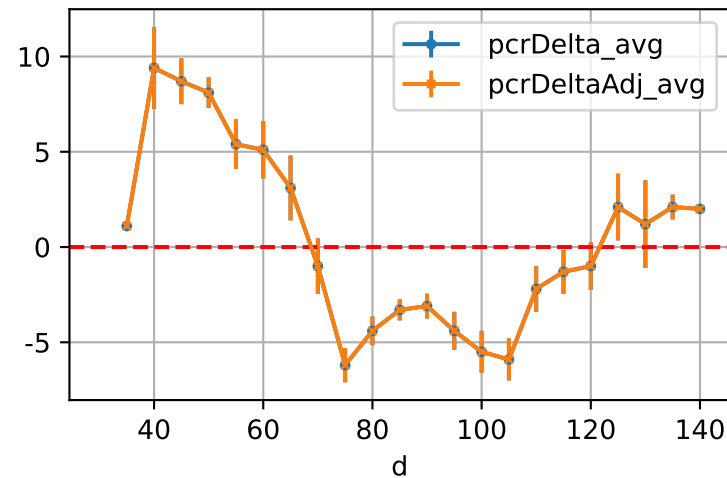


DeltaTypeAbbr=GrpByDay



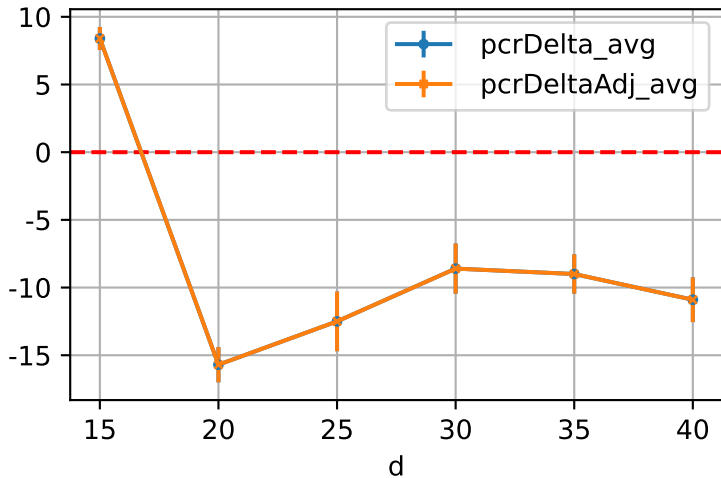
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DeltaTypeAbbr=WeiAvgByD

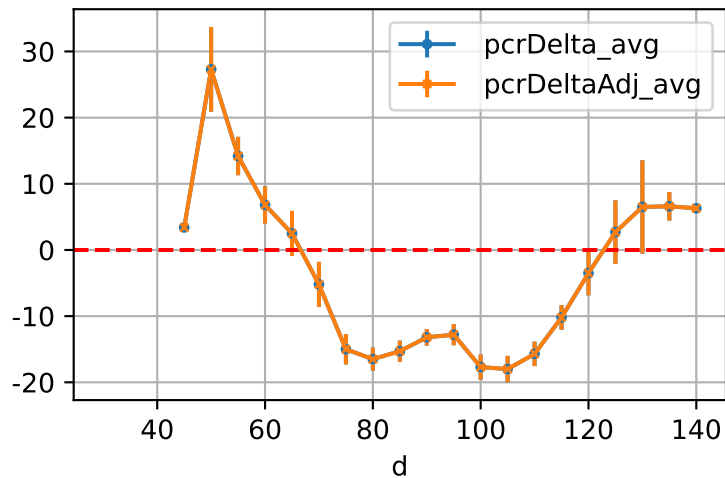


P10AW NdD: D_15d_NdD

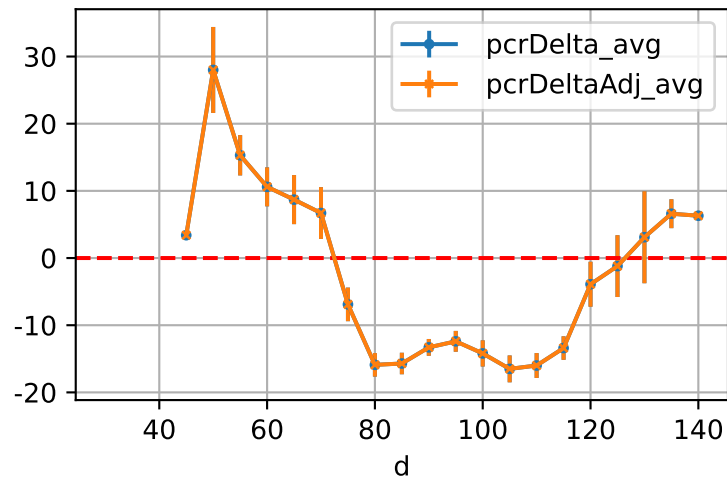
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

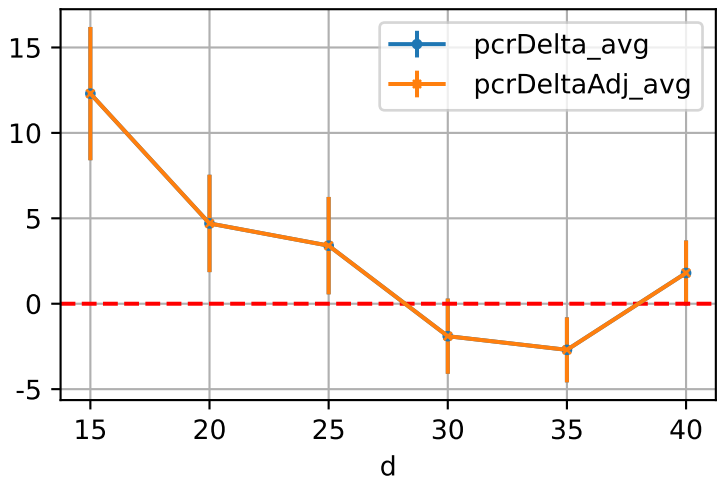


DeltaTypeAbbr=WeiAvgByD

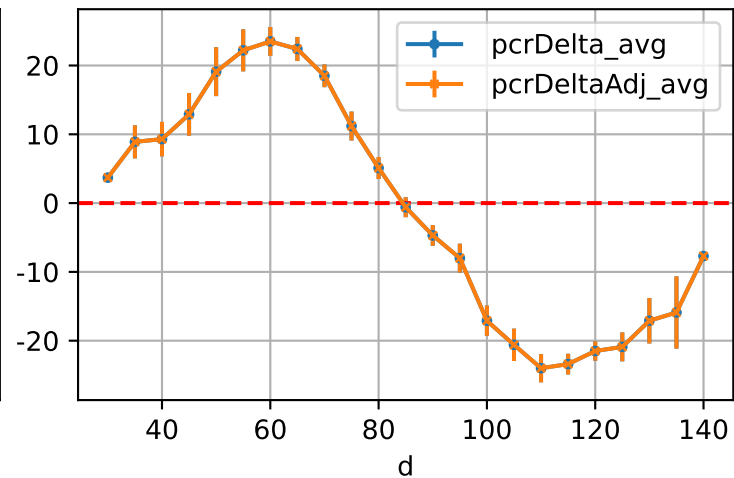


P10AW NdD: D_Q50_NdD

DeltaTypeAbbr=GrpByAge

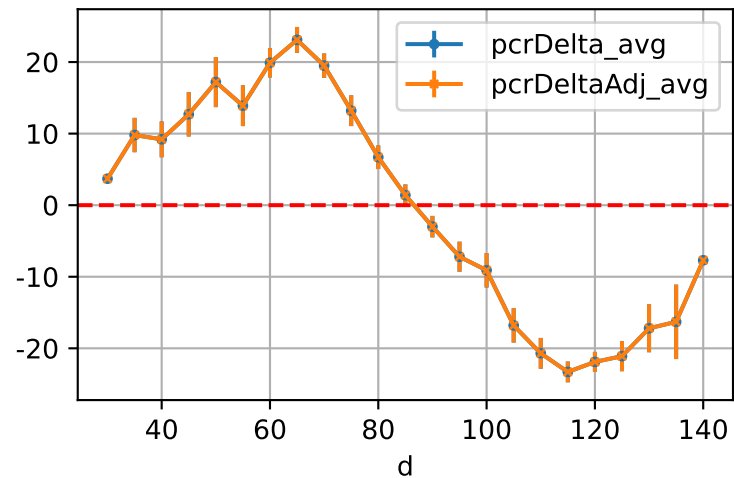


DeltaTypeAbbr=GrpByDay



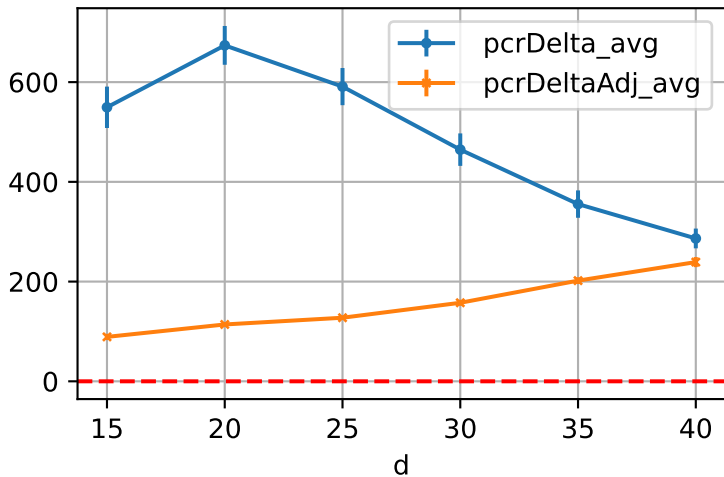
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DeltaTypeAbbr=WeiAvgByD

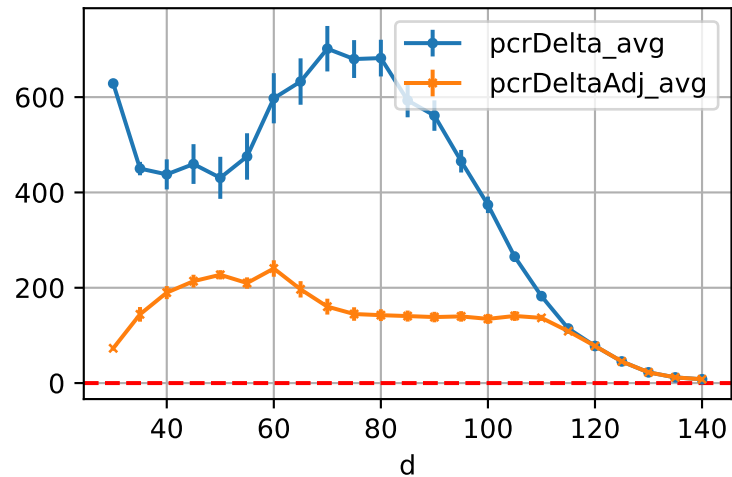


P10AW NdD: D_Est_NdD

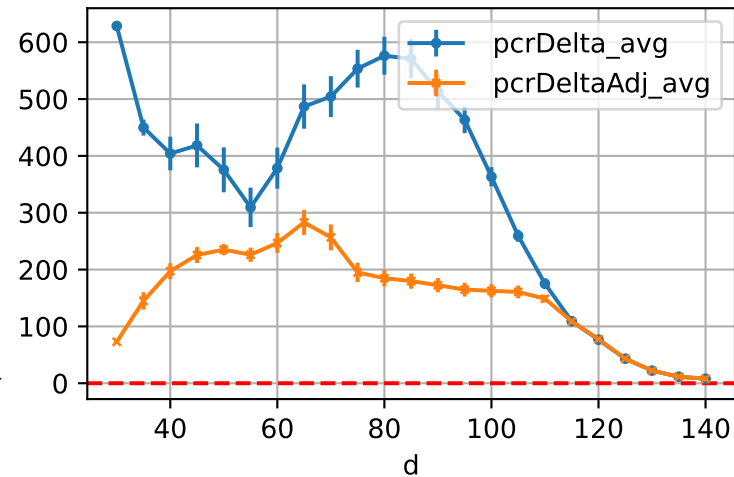
DeltaTypeAbbr=GrpByAge



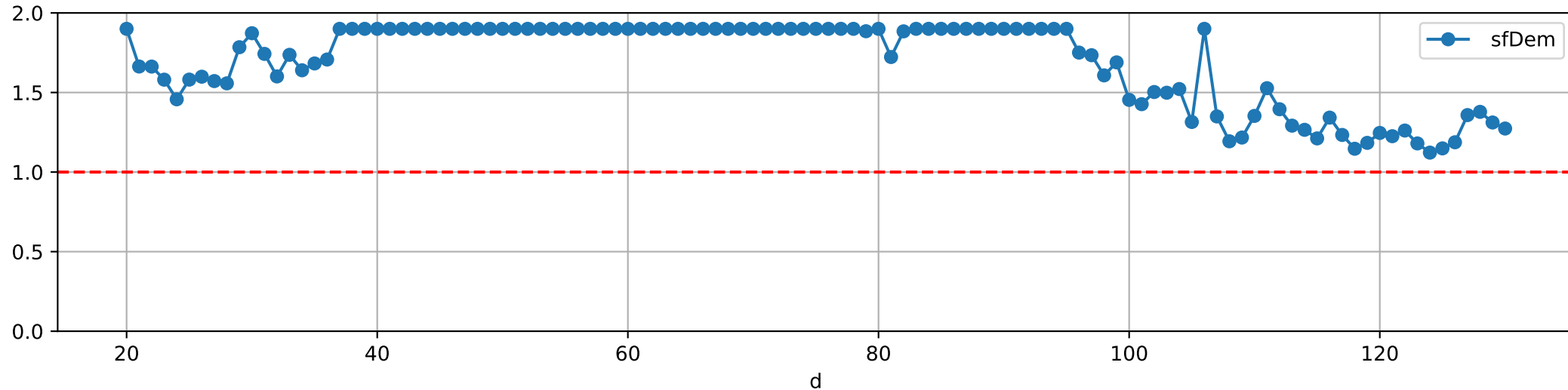
DeltaTypeAbbr=GrpByDay



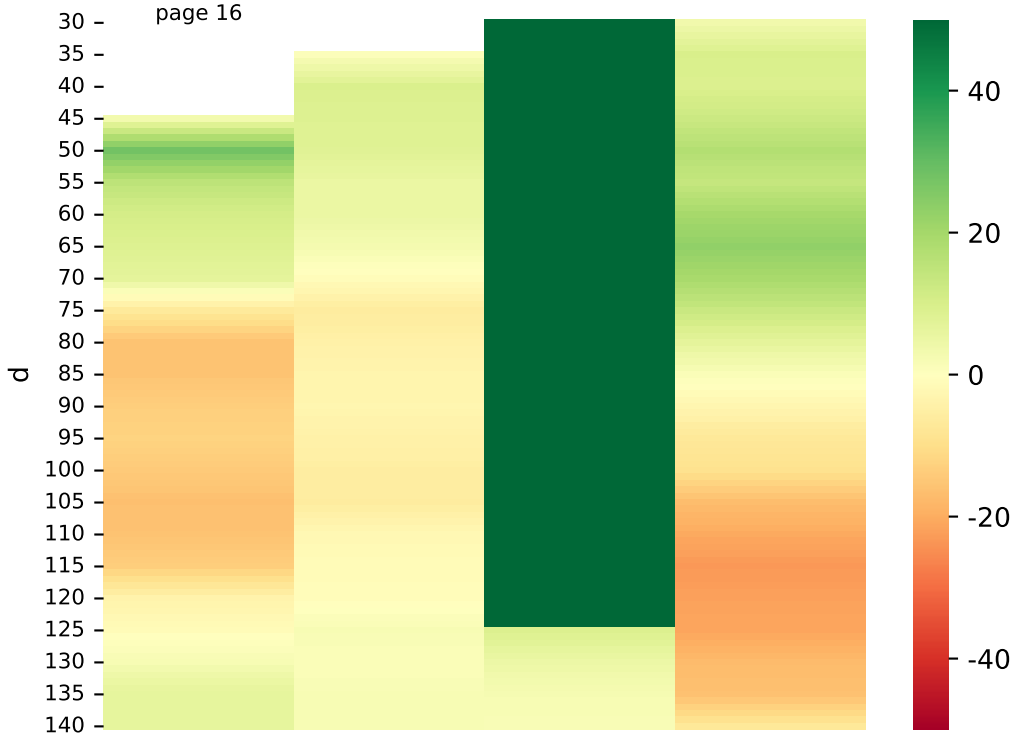
DeltaTypeAbbr=WeiAvgByD



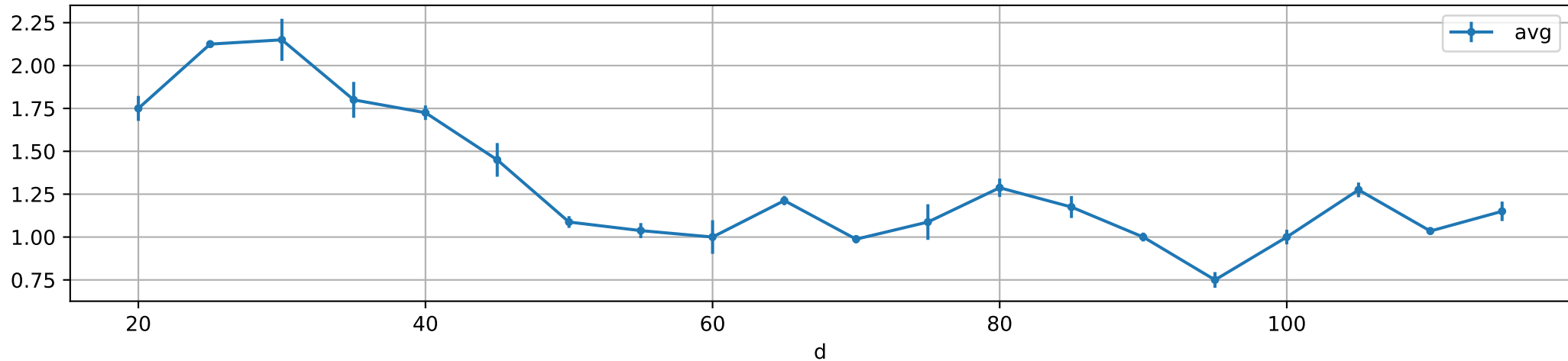
NdD: sfDem



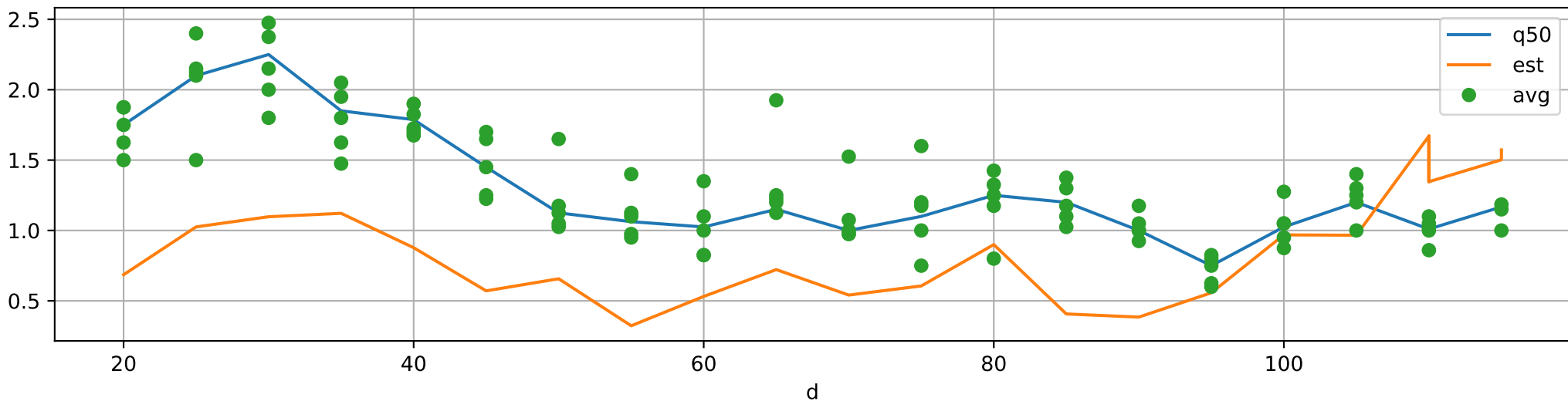
page 16



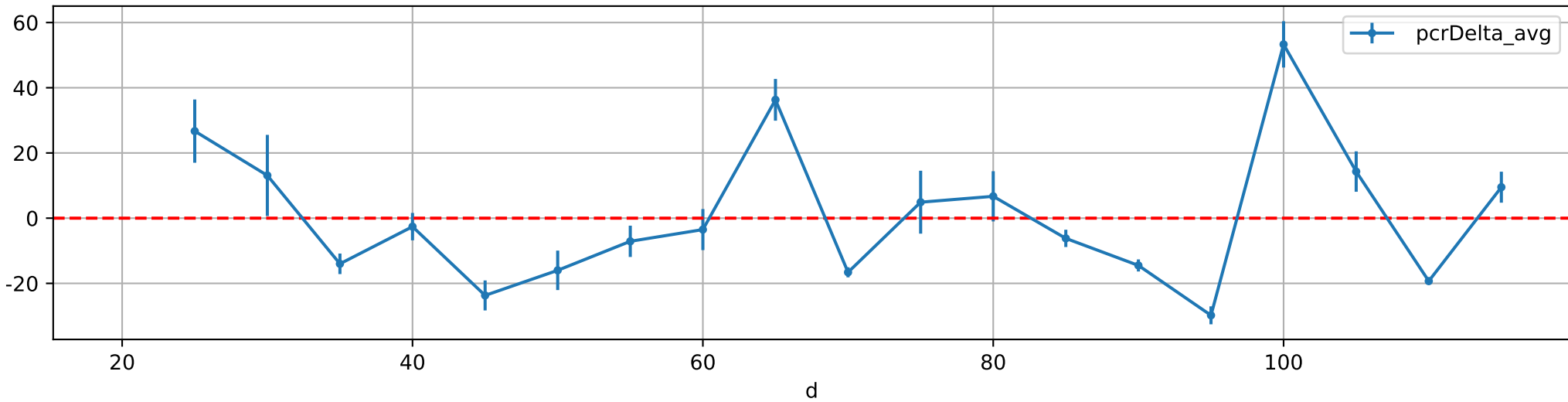
dStH: avg vs. d



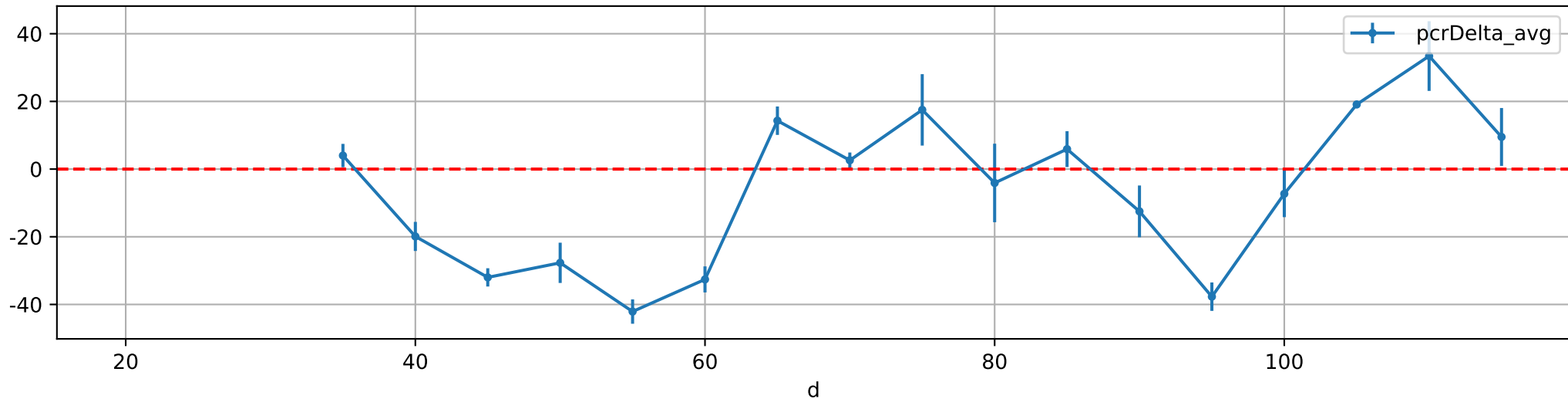
dStH: obsAvg vs obsOv@Q50



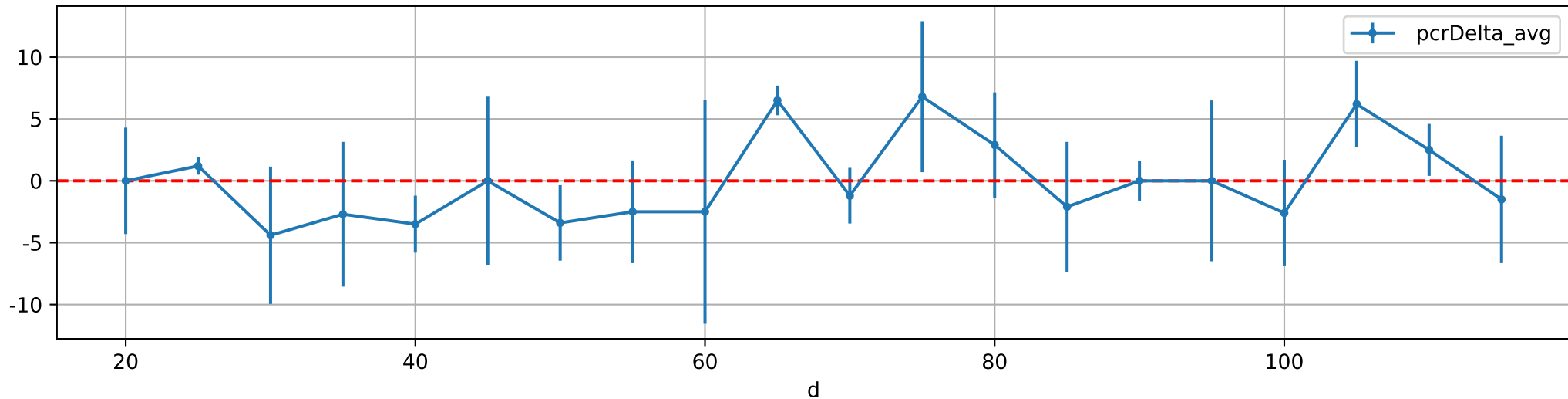
dStH: D_5d_StH



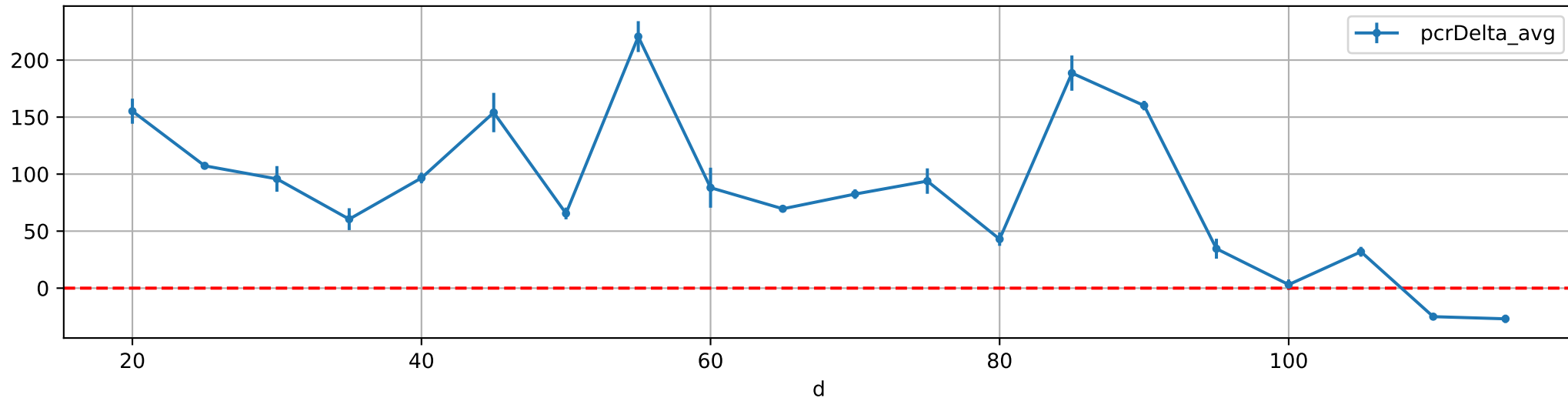
dStH: D_15d_StH



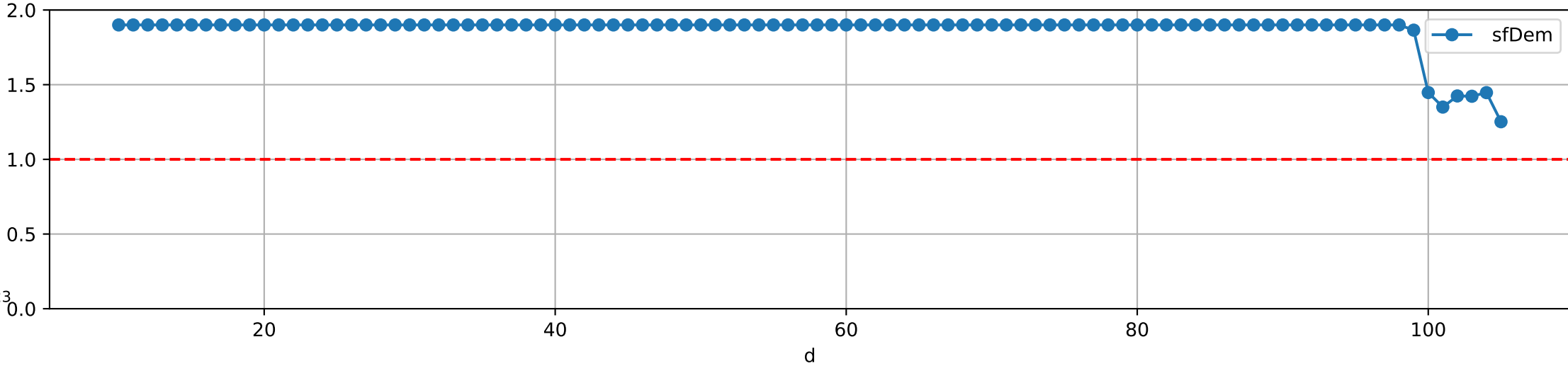
dStH: D_Q50_StH

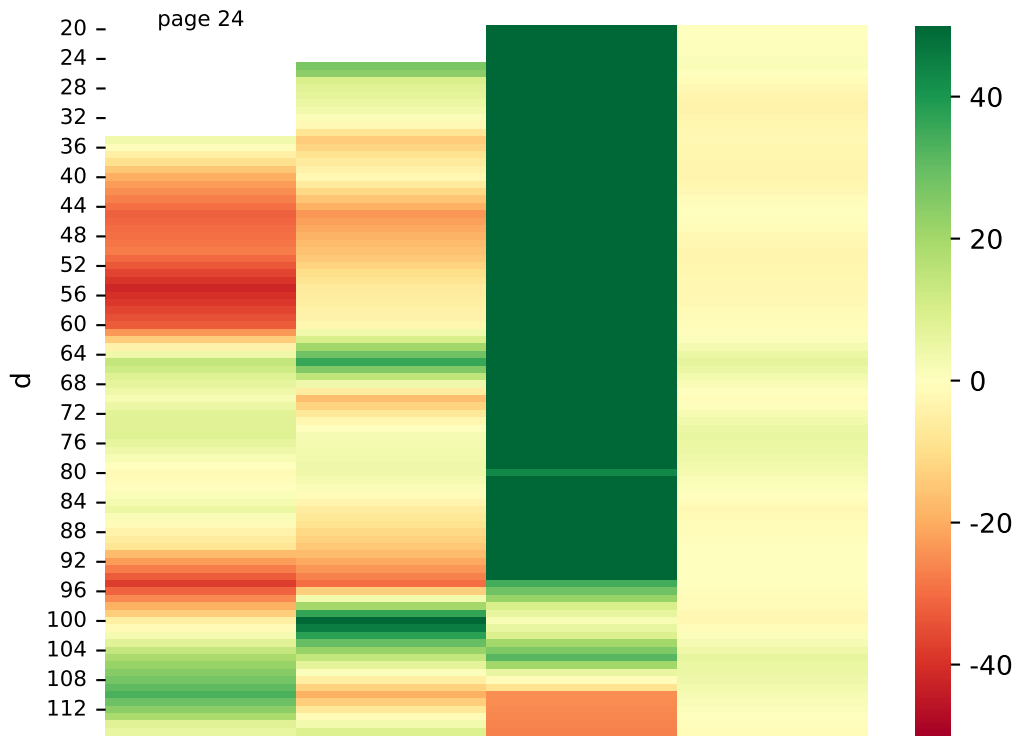


dStH: D_Est_StH



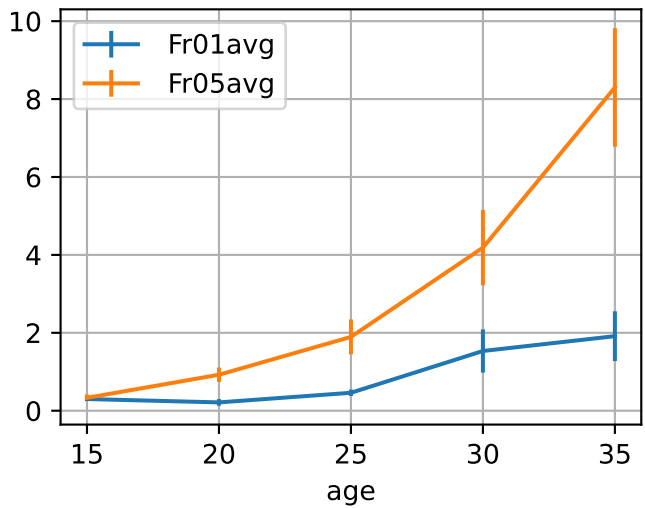
dStH: sfDem



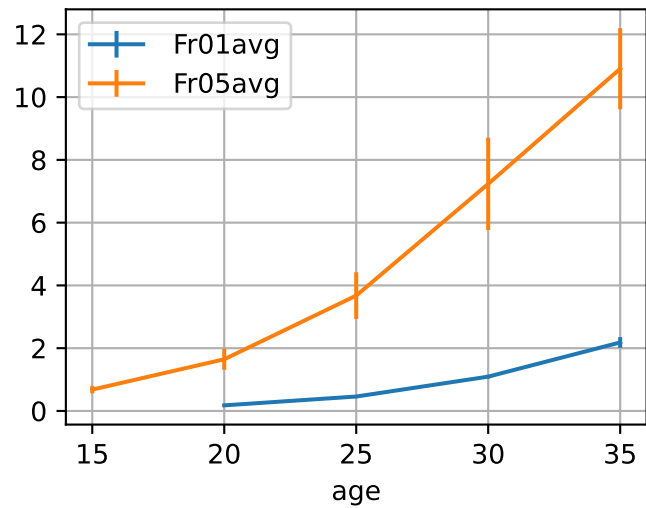


FrV: Fr01 vs Fr05 at each truss

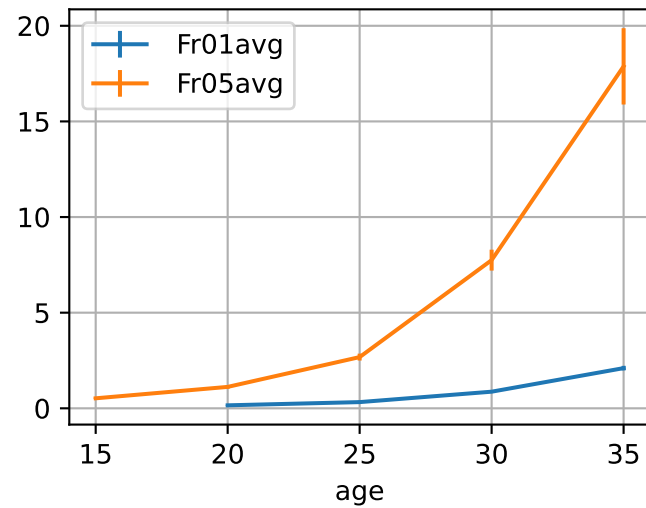
organID=T01



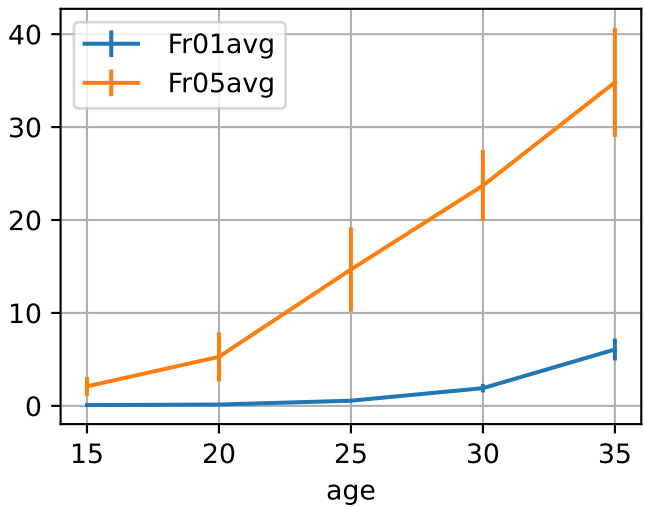
organID=T02



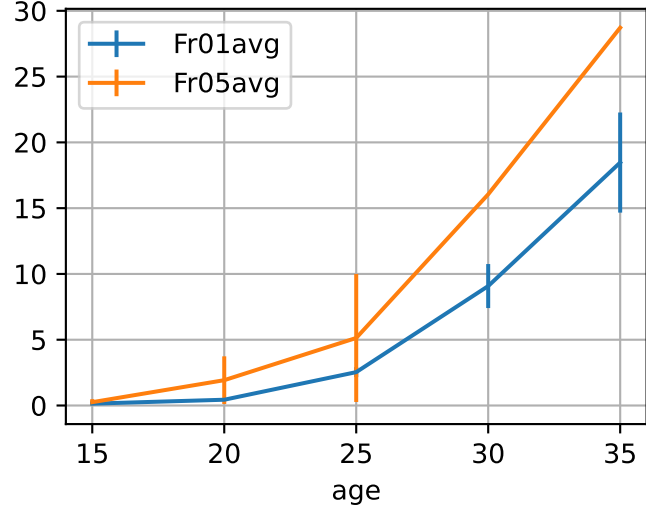
organID=T03



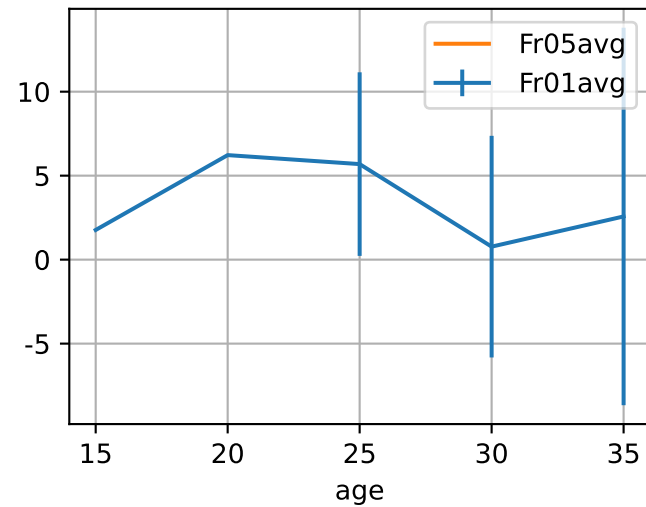
organID=T04



organID=T05

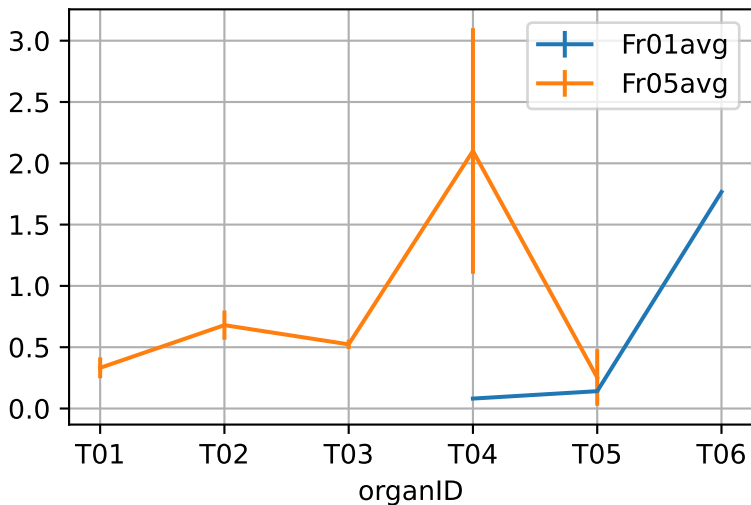


organID=T06

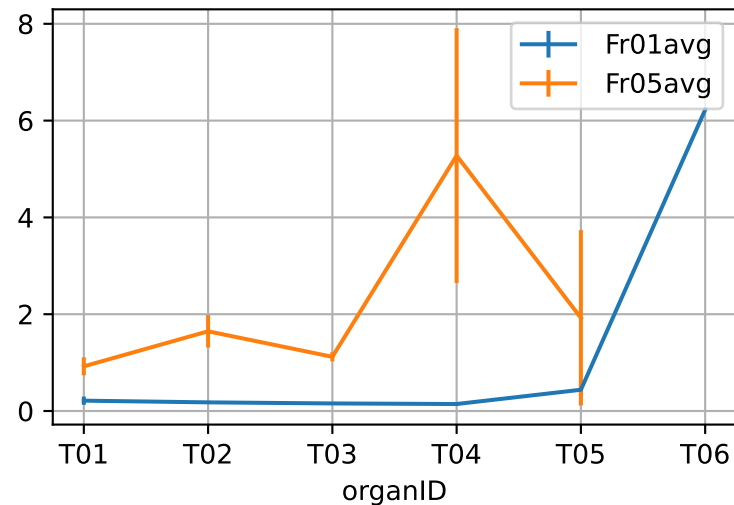


FrV trend at each age

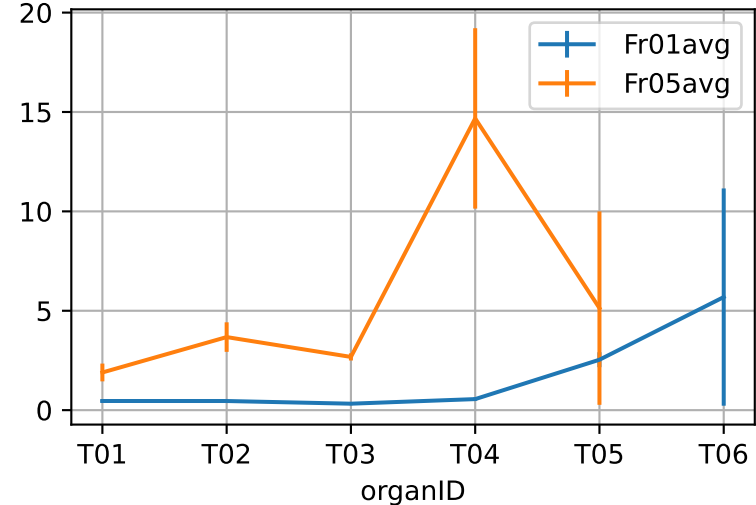
age=15



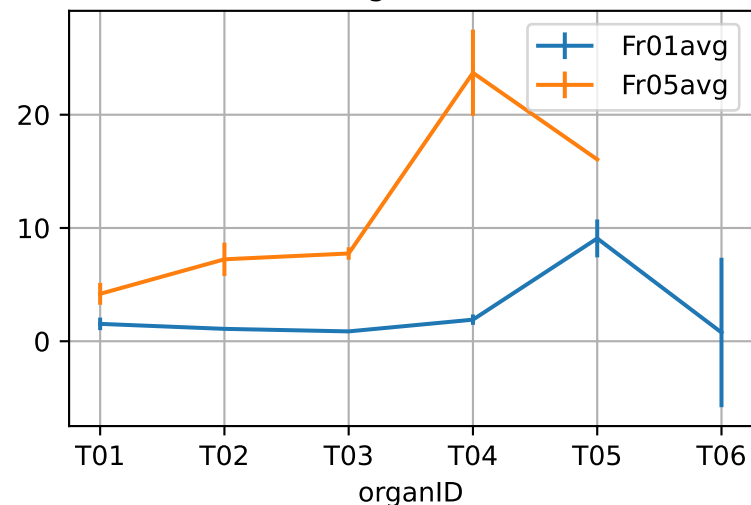
age=20



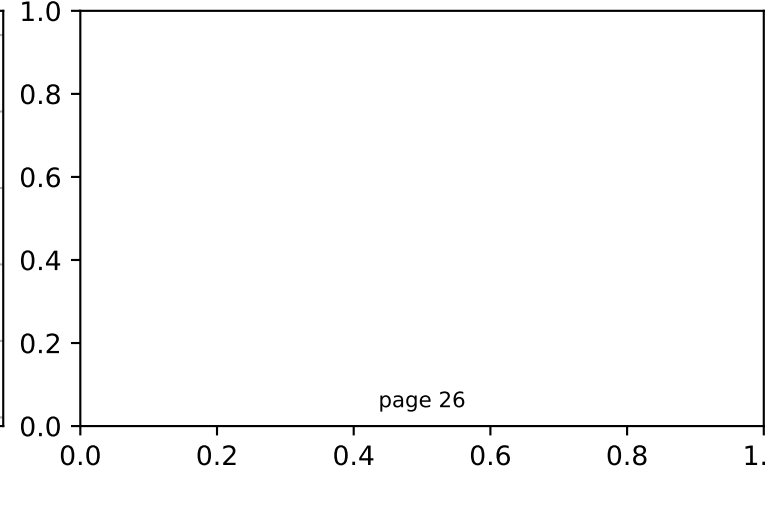
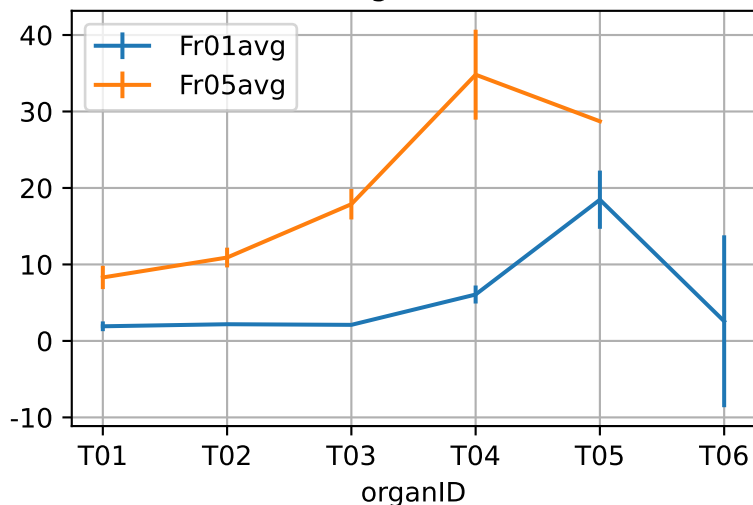
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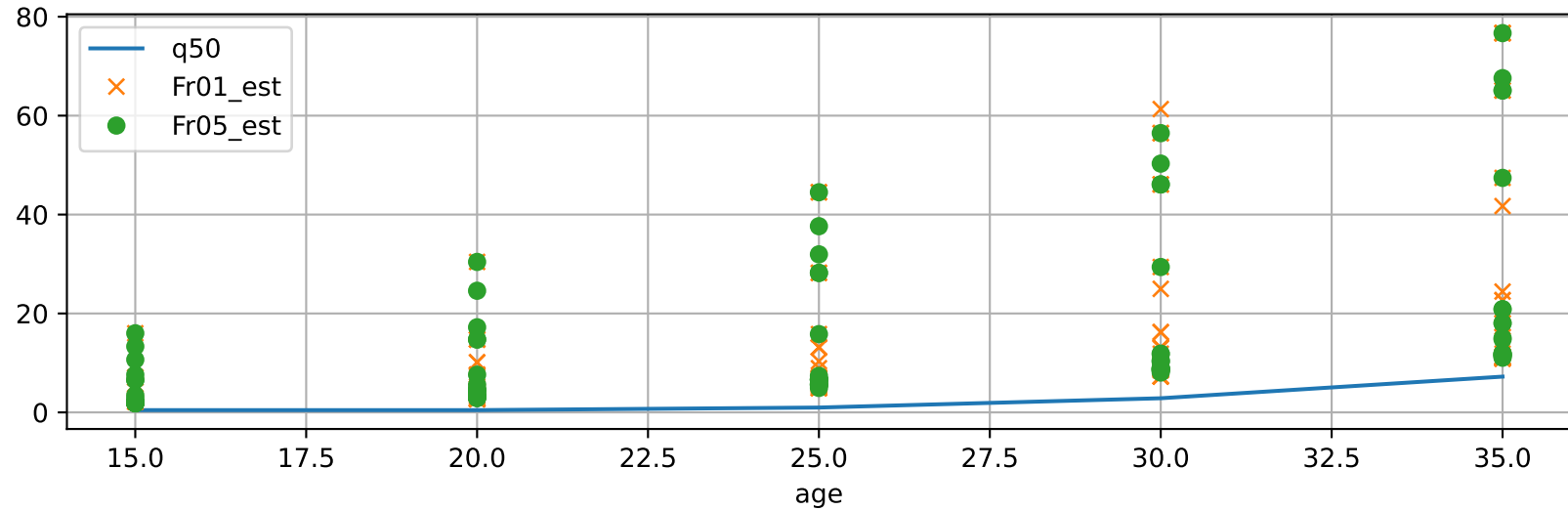
age=30



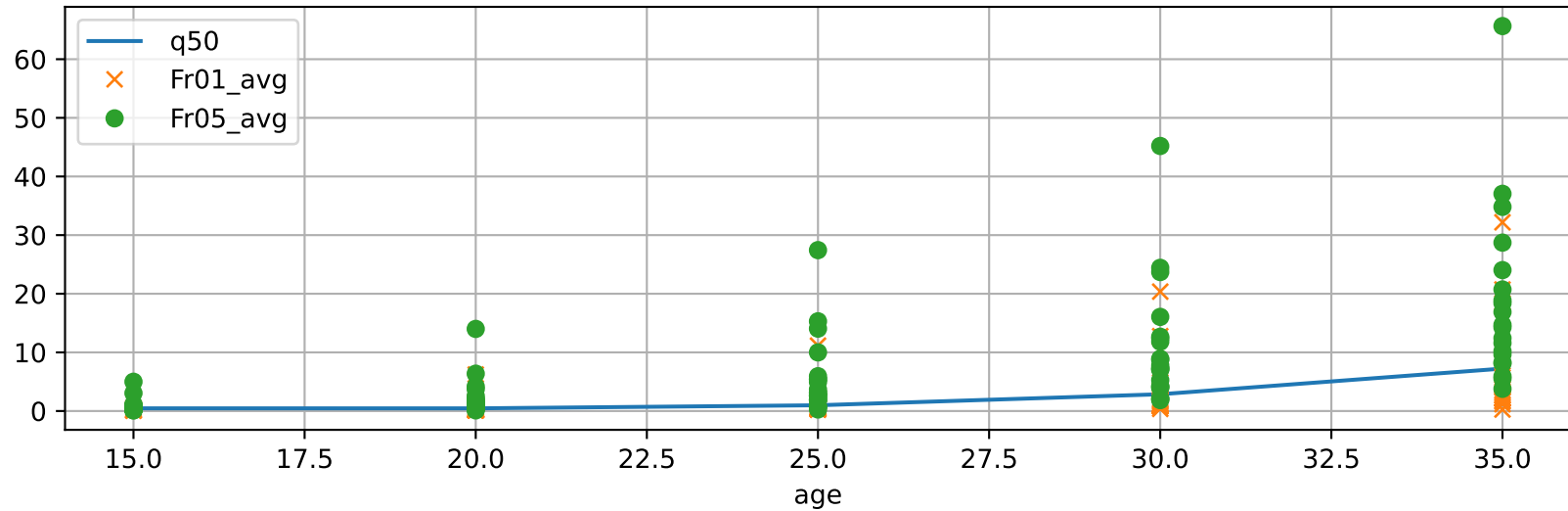
age=35



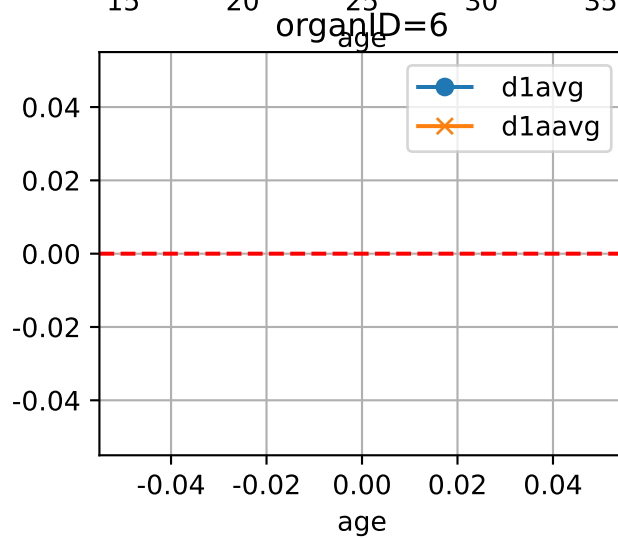
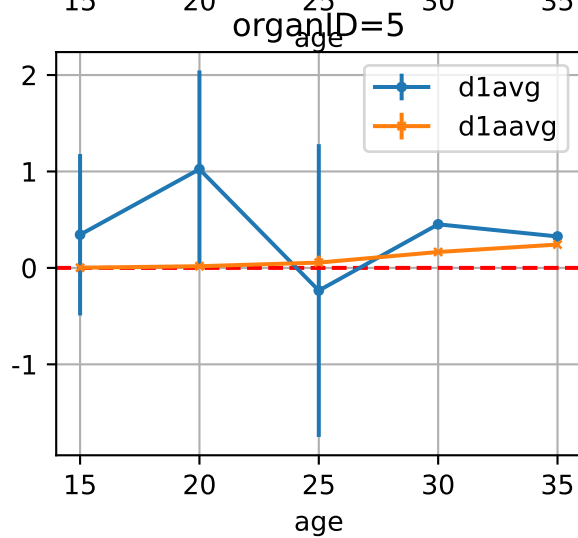
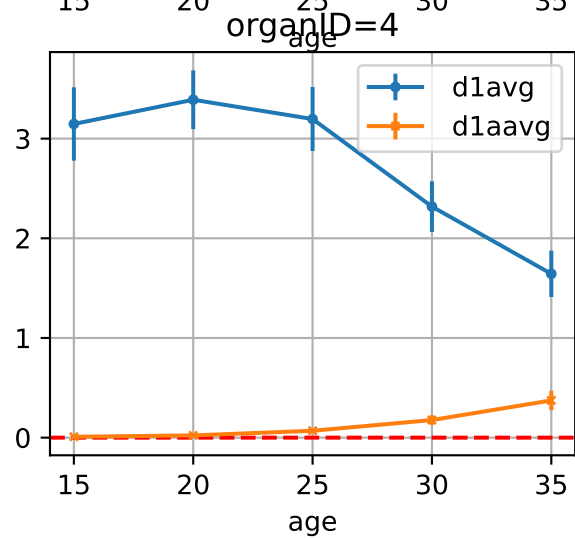
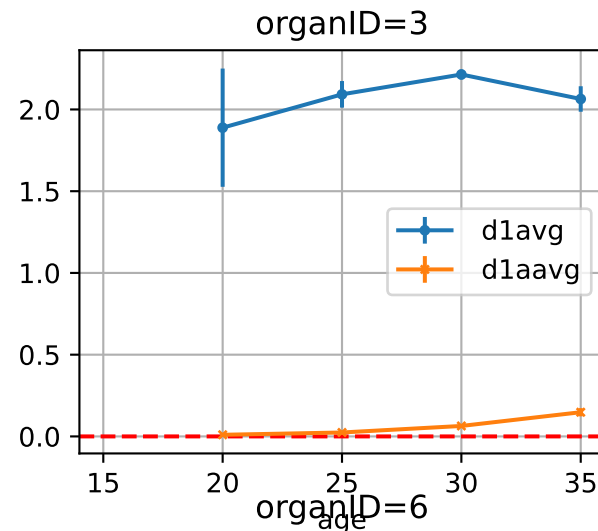
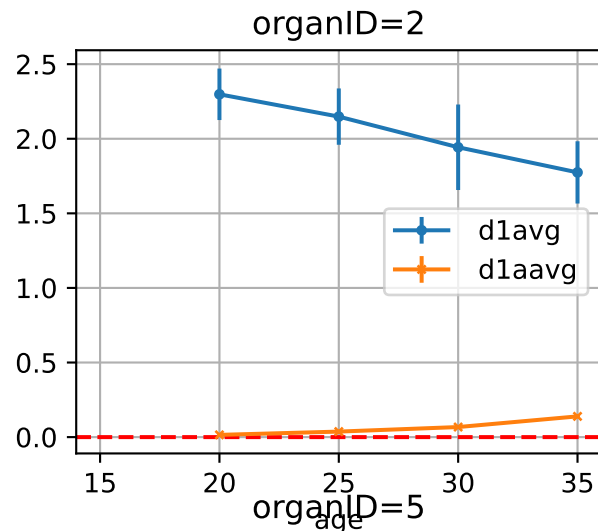
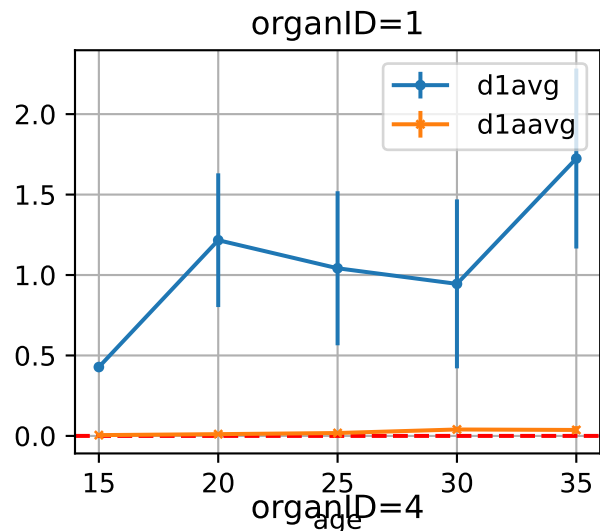
FrV: model Est vs obsFrV at Q90



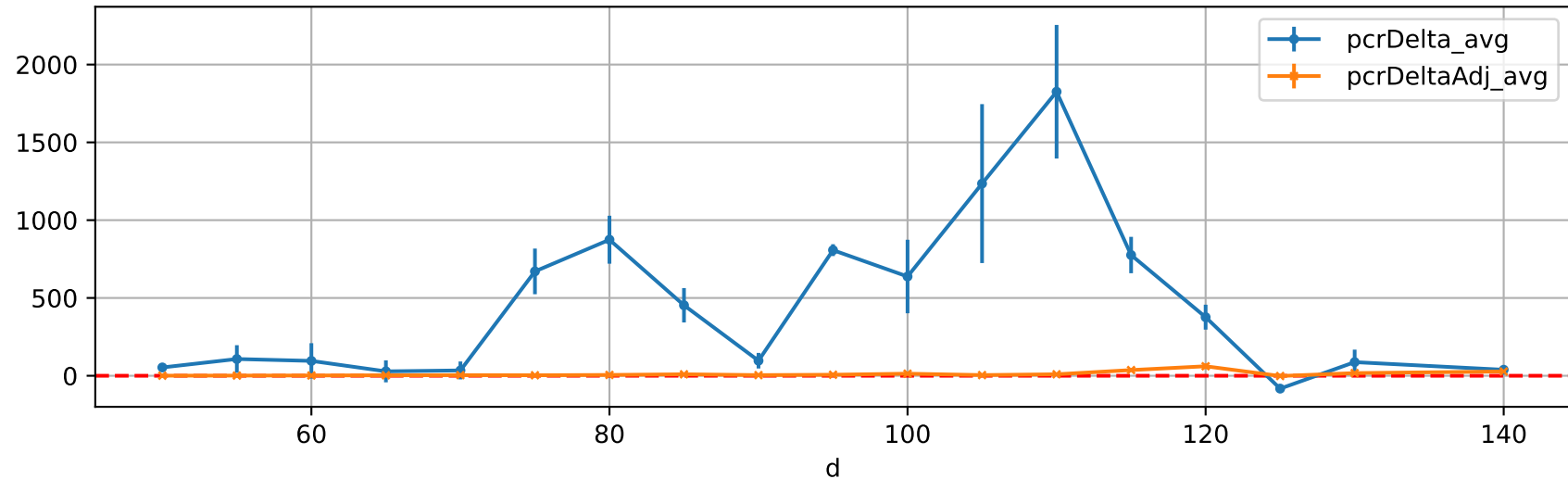
FrV: obsFrV vs obsFrV@Q90



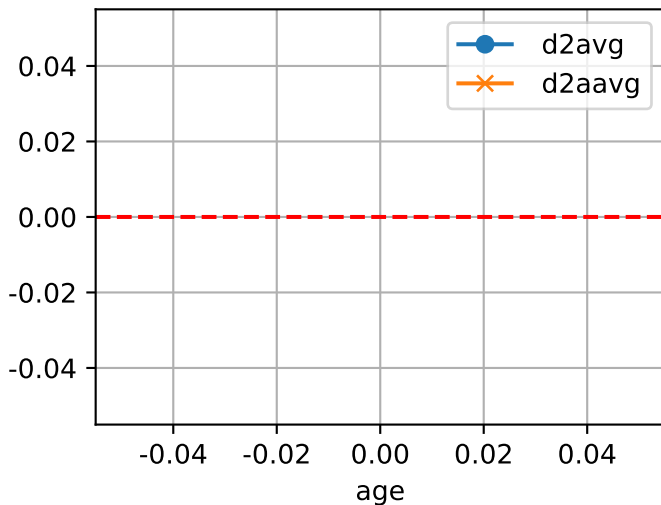
FrV: D_Fr1_FrV



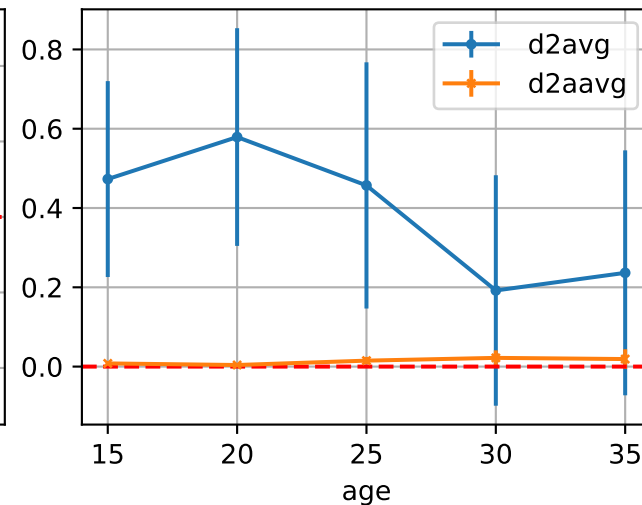
P10AW FrV: D_Fr1_FrV



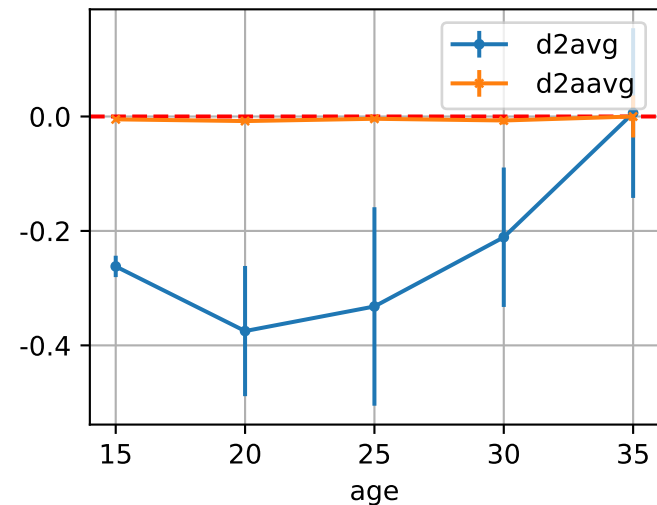
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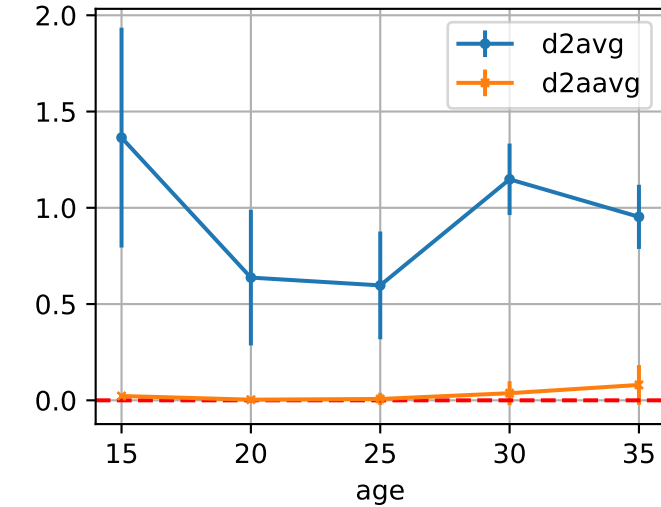
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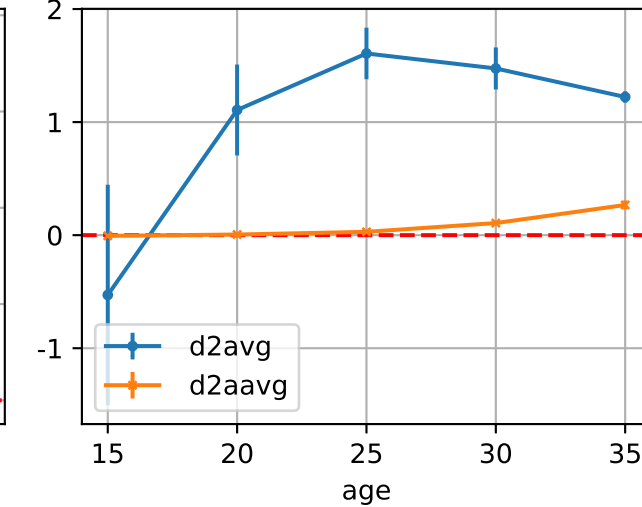
organID=3



organID=4

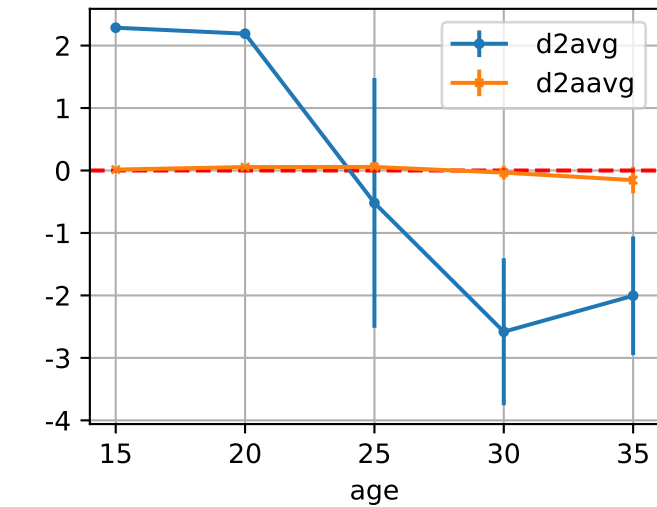


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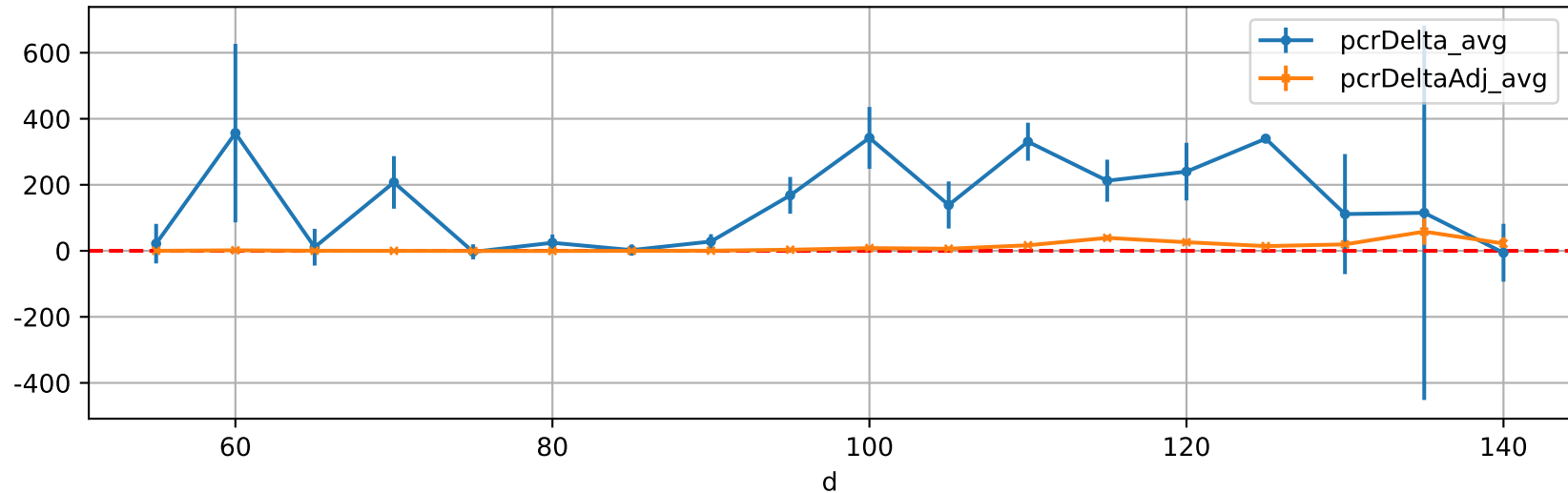


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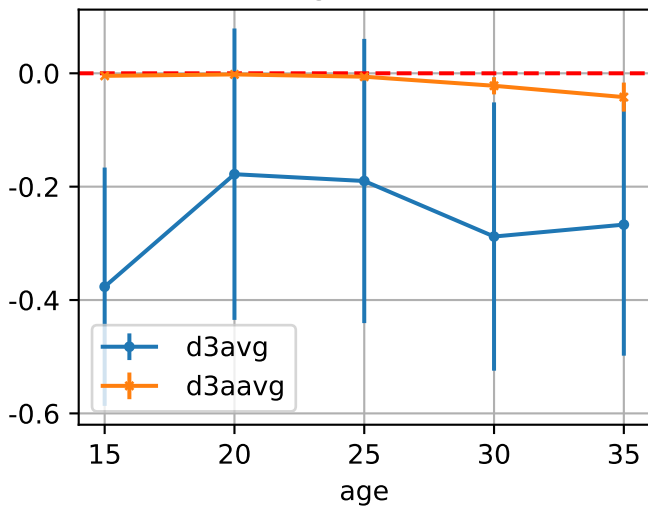
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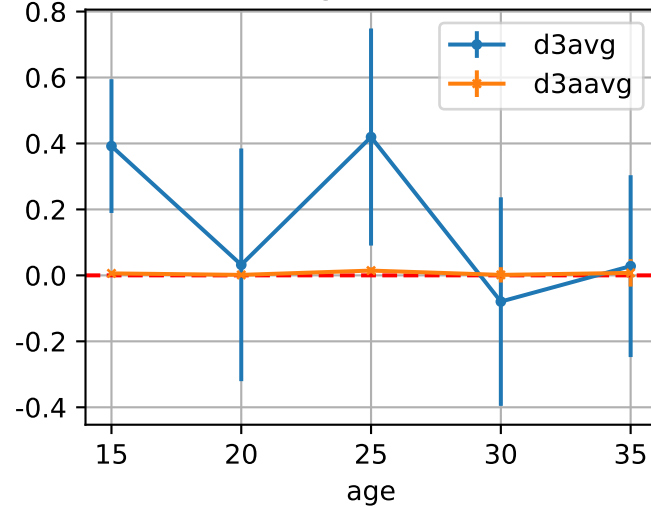
P10AW FrV: D_Ts_FrV



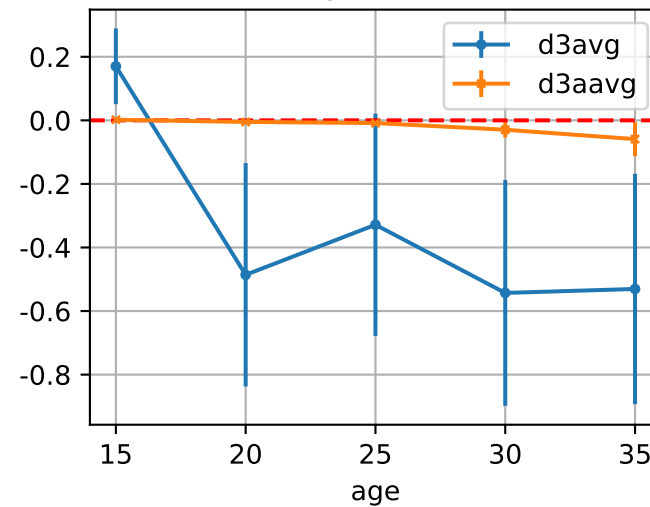
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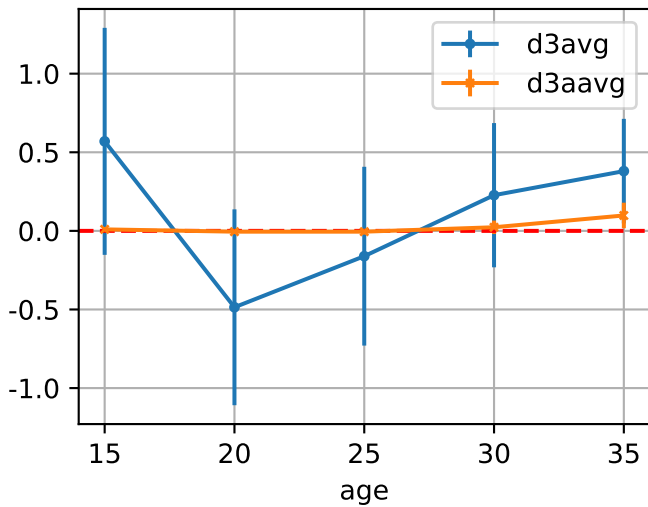
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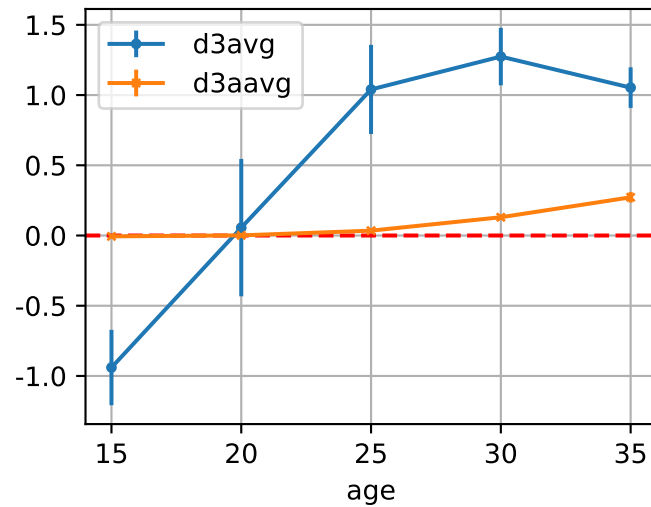
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organID=4

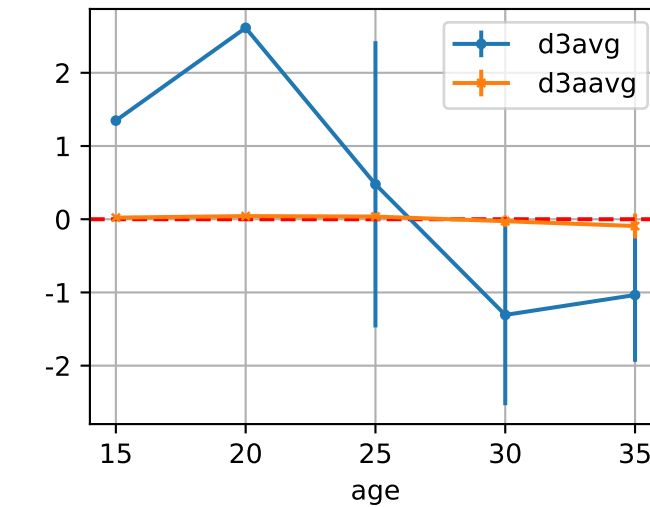


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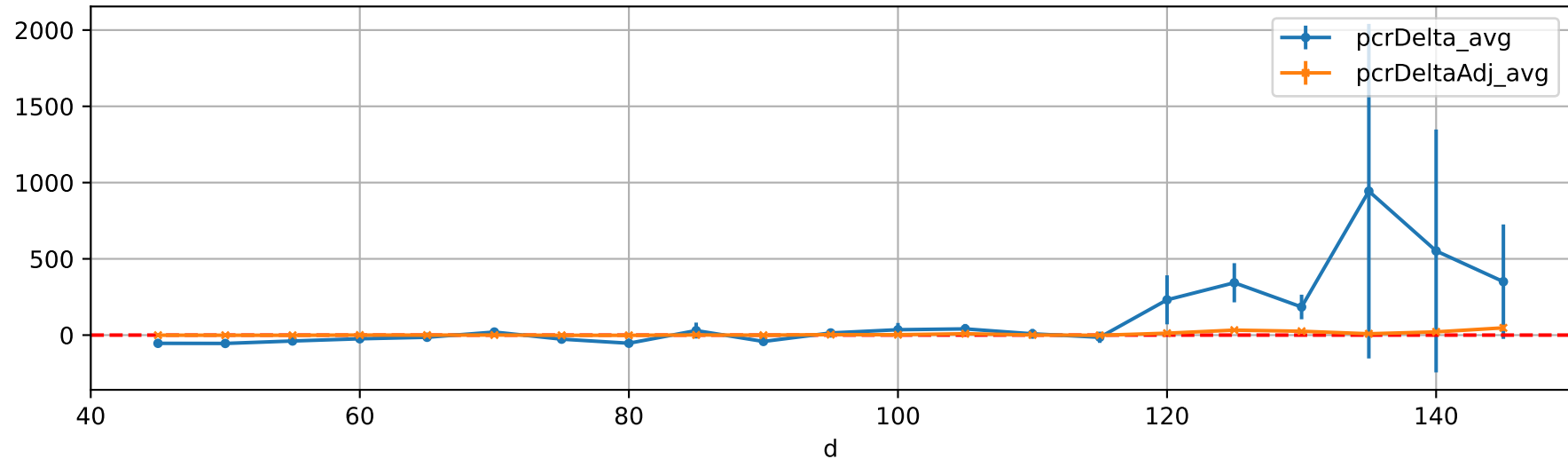


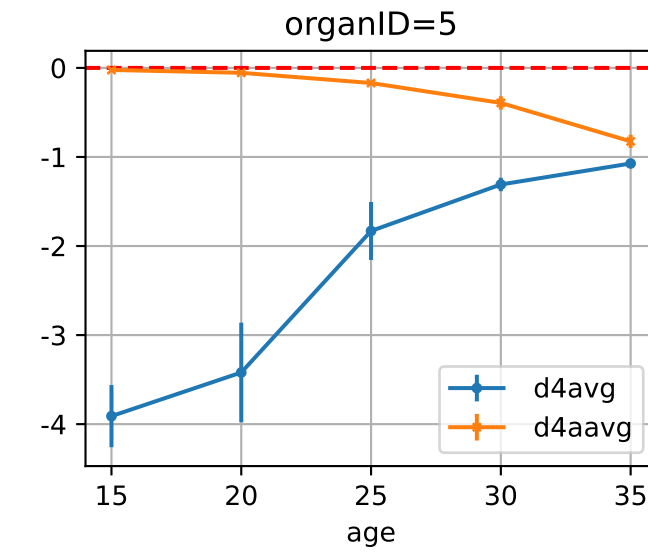
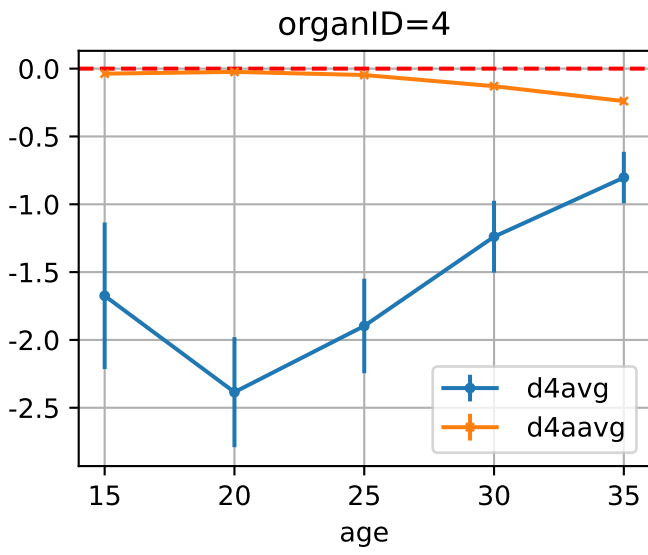
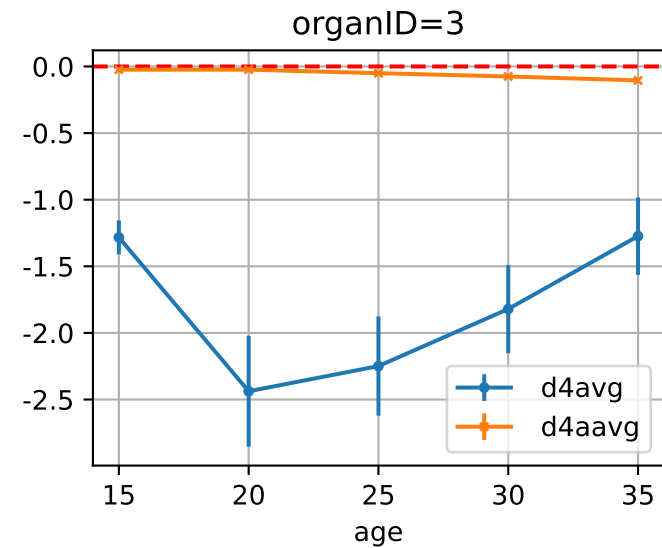
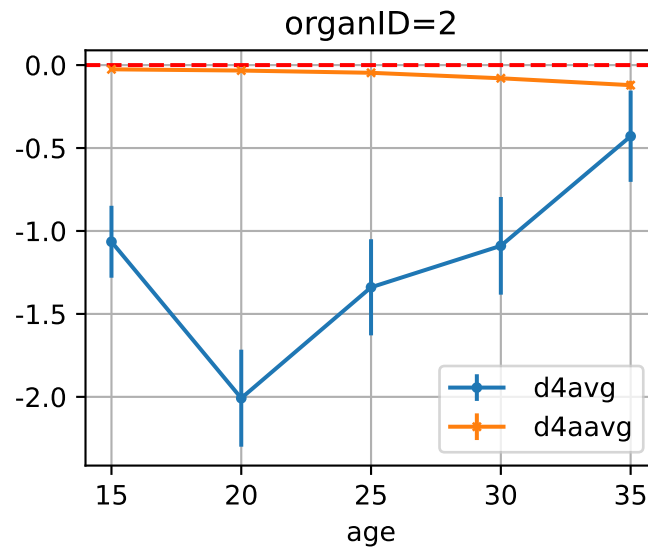
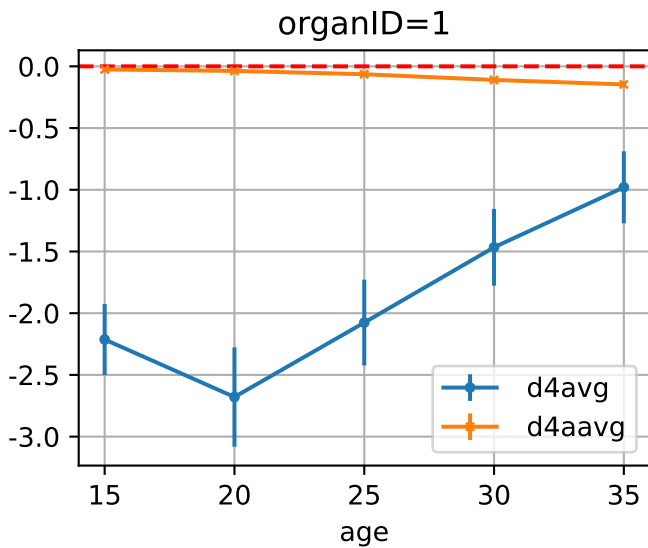
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organID=6

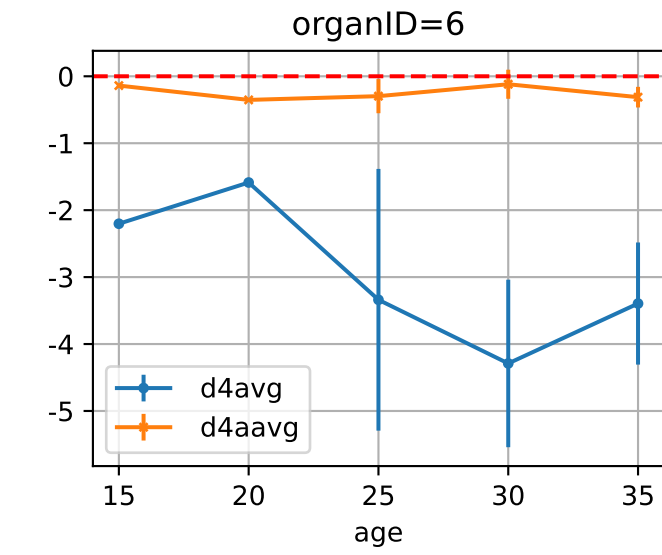


P10AW FrV: D_Q50_FrV

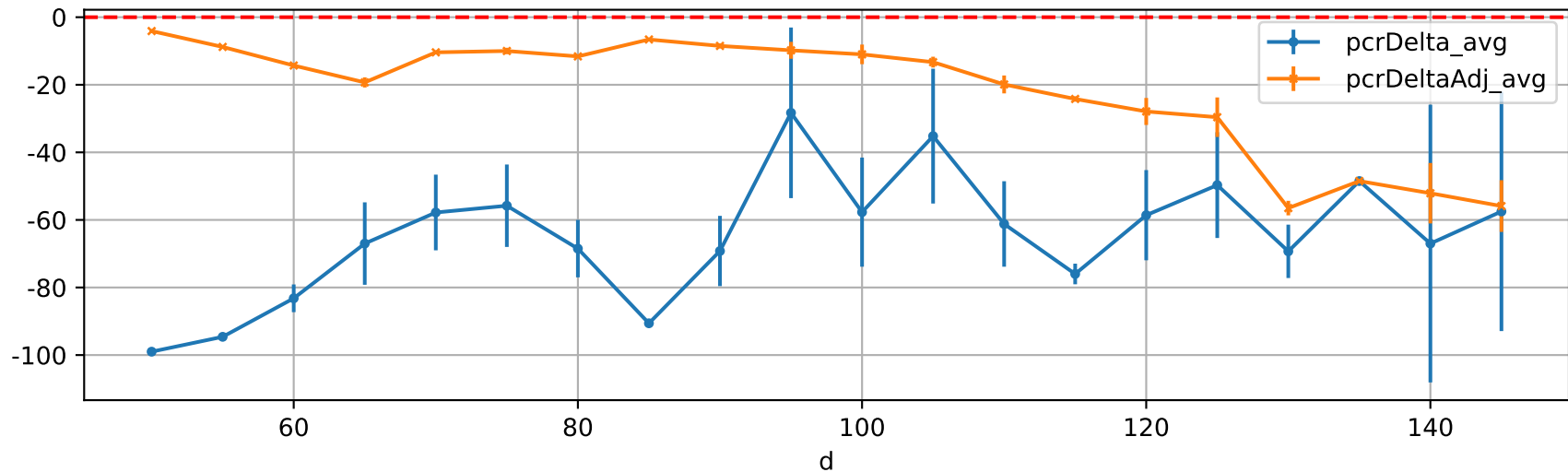




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P10AW FrV: D_Est_FrV



P10AW FrV: sfDem

