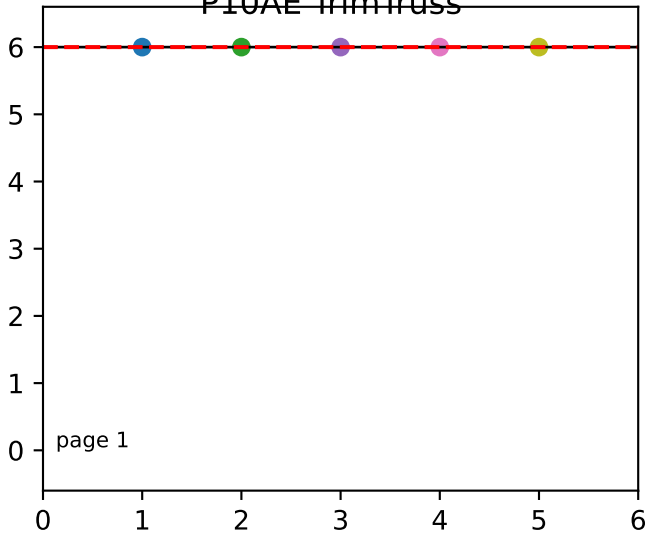


Phenotype Data Analysis Plots
PhenoData day range = 18 - 172
Analysis cutoff day = 172
NC11 P10
2026-04-09 (Day 173)

avg1=6.0±0% avg2=na
PIOAE Trim Truss

PIOAE



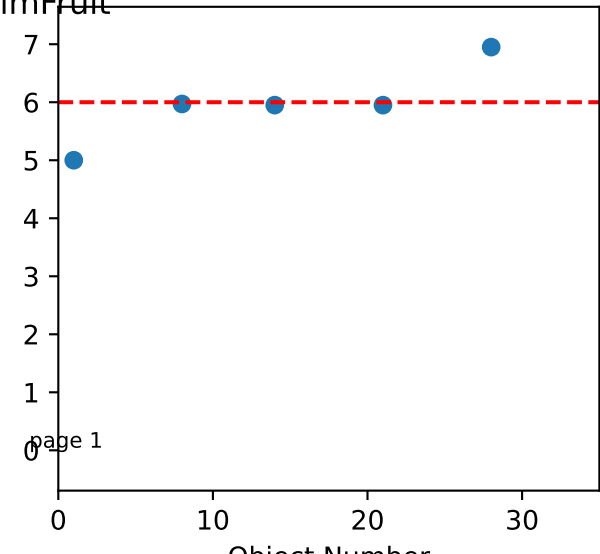
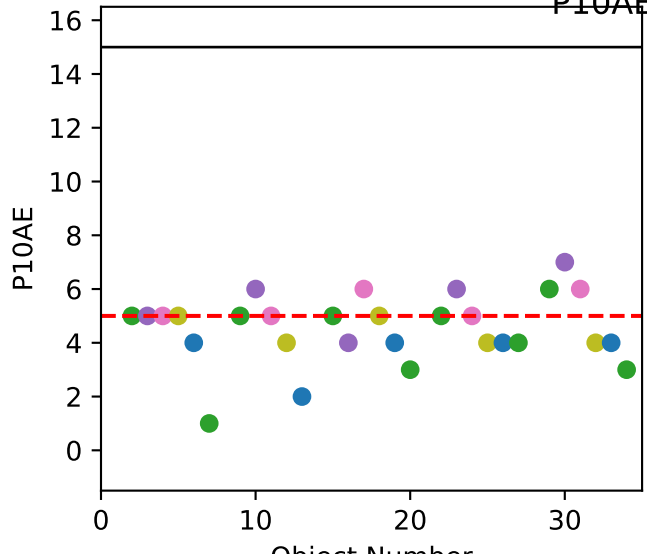
page 1

Object Number

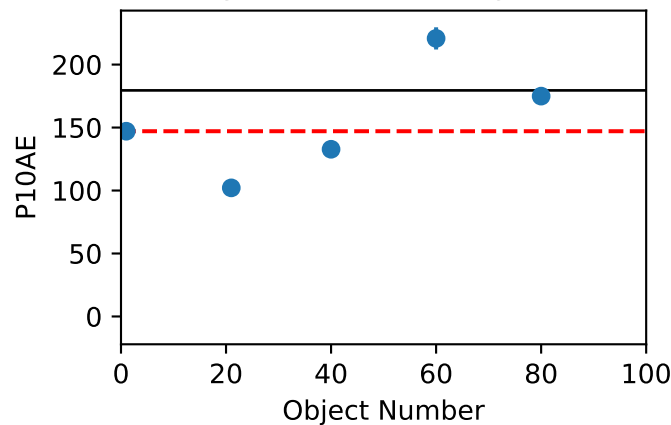
avg1=5.0~18% avg2=na

P10AE TrimFruit

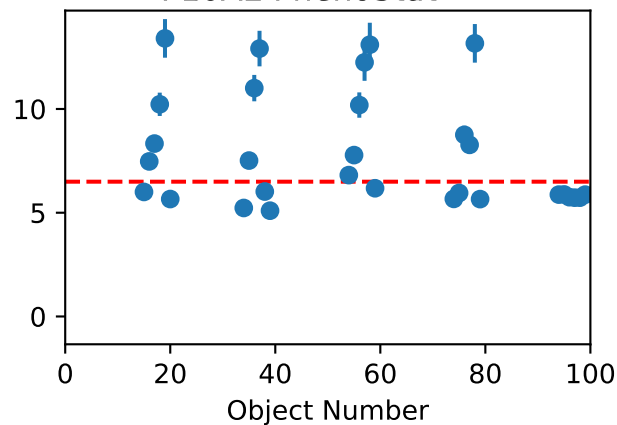
avg1=6.0~0% avg2=na



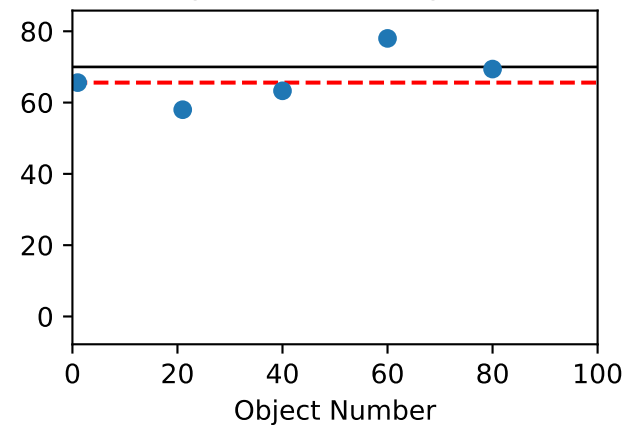
FrV_Q90AbsY (Def=179.5 Set=147.09)
avg1=147.09~31% avg2=na



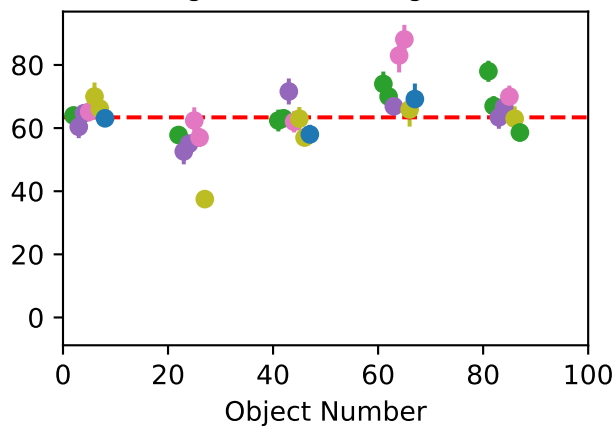
NdL_avgAbsY (Def=na Set=6.5)
avg1=6.5~43% avg2=na



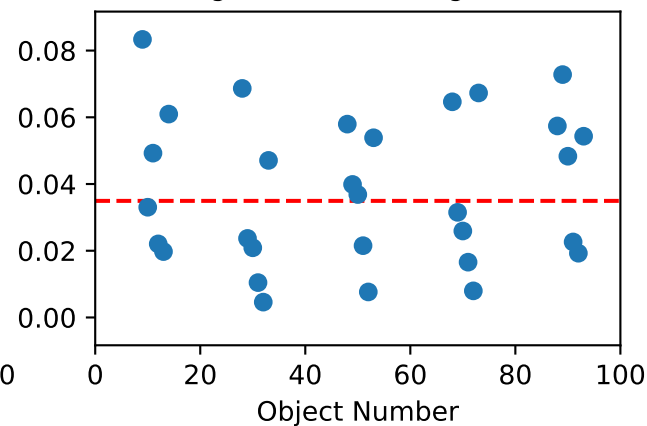
FrD_Q90AbsY (Def=70 Set=65.6)
avg1=65.6~11% avg2=na



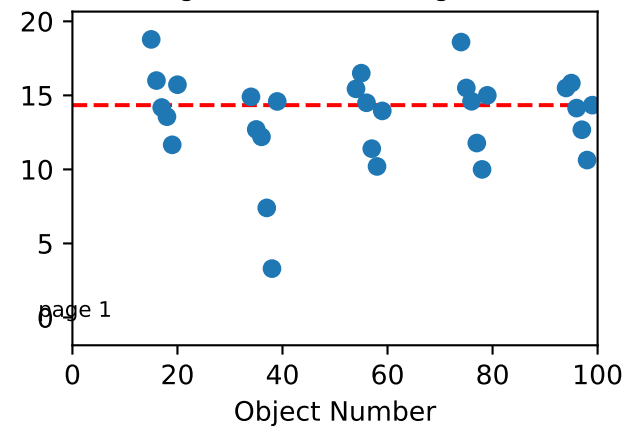
FrD_avgAbsY (Def=na Set=63.4)
avg1=63.4~9% avg2=na



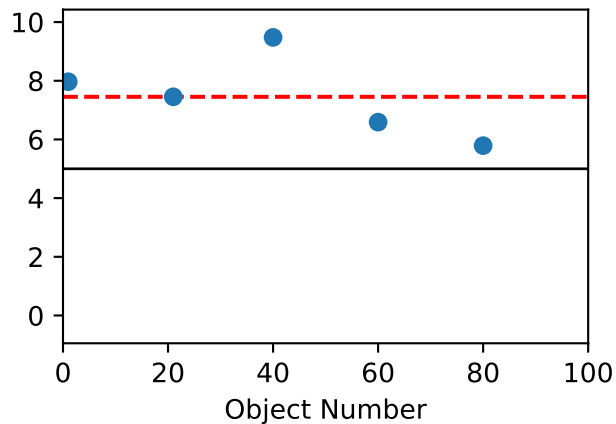
LfA_avgAbsY (Def=na Set=0.03)
avg1=0.03~63% avg2=na



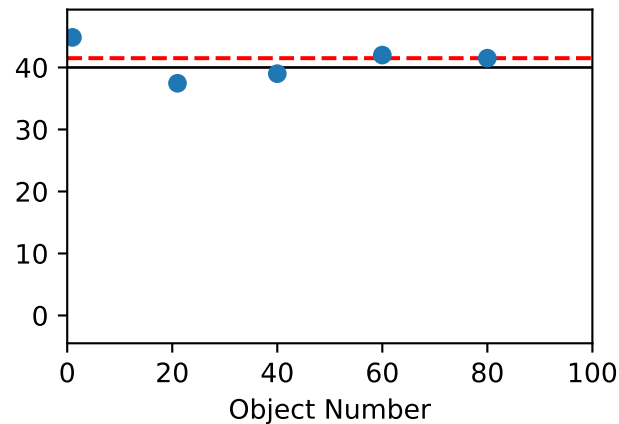
NdD_avgAbsY (Def=na Set=14.34)
avg1=14.34~18% avg2=na



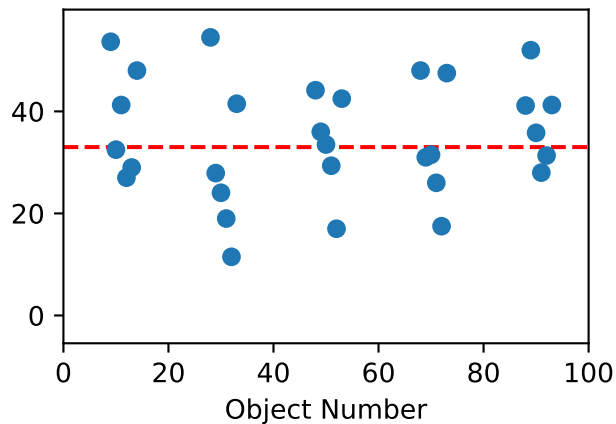
NdL_Q90AbsY (Def=5 Set=7.45)
avg1=7.45~19% avg2=na



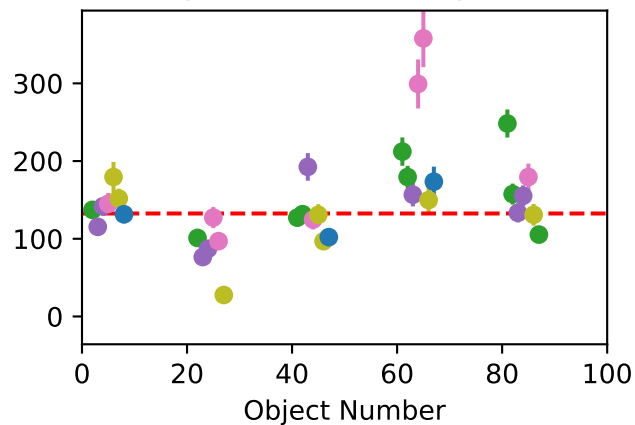
LIL_Q90AbsY (Def=40 Set=41.5)
avg1=41.5~7% avg2=na



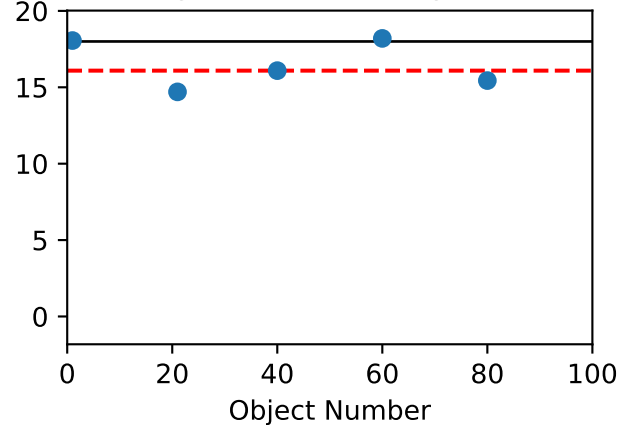
LfW_avgAbsY (Def=na Set=33.0)
avg1=33.0~34% avg2=na



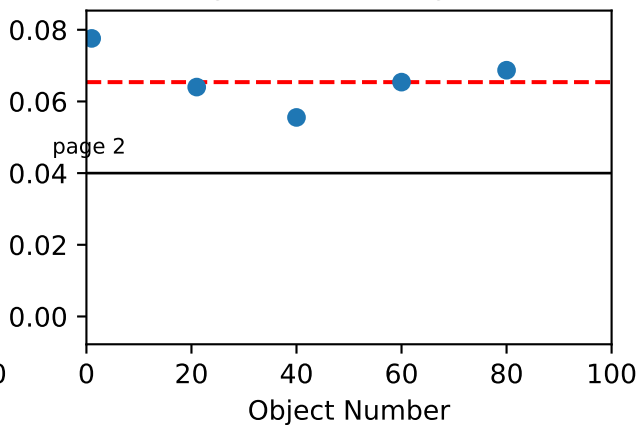
FrV_avgAbsY (Def=na Set=132.53)
avg1=132.53~25% avg2=na



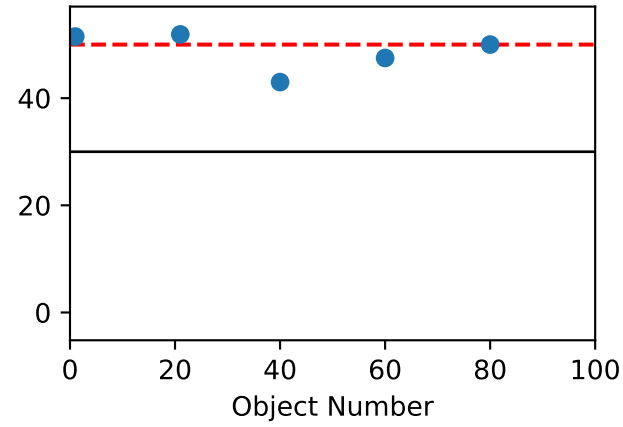
NdD_Q90AbsY (Def=18 Set=16.09)
avg1=16.09~10% avg2=na



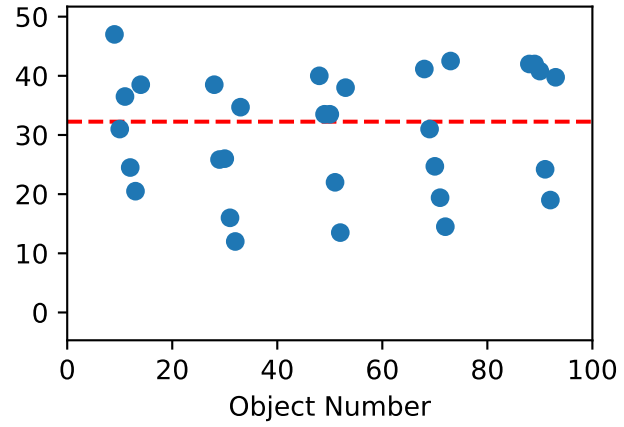
LfA_Q90AbsY (Def=0.04 Set=0.04)
avg1=0.07~4% avg2=na



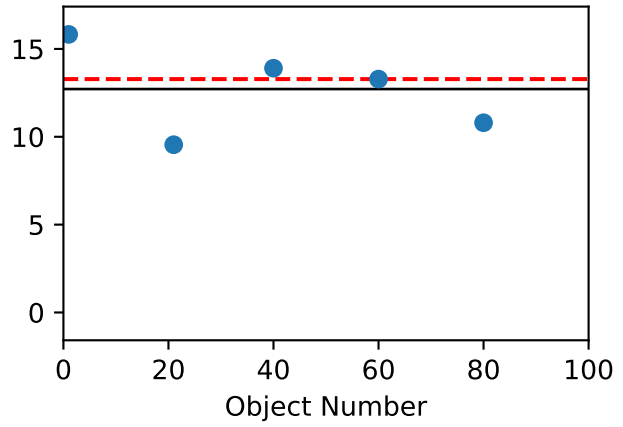
LIV_Q90AbsY (Def=50 Set=50.0)
avg1=50.0~7% avg2=na



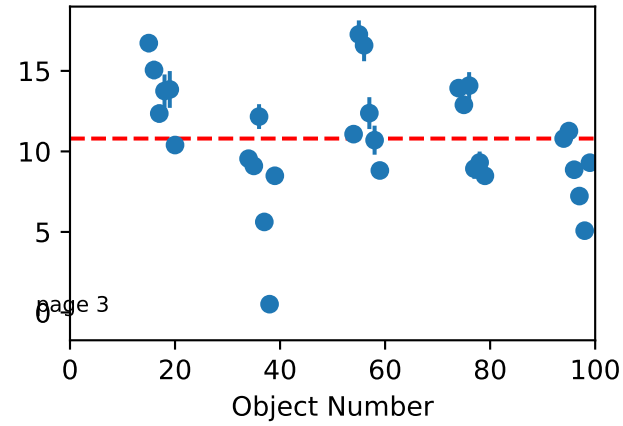
LIV_avgAbsY (Def=na Set=32.25)
avg1=32.25~32% avg2=na



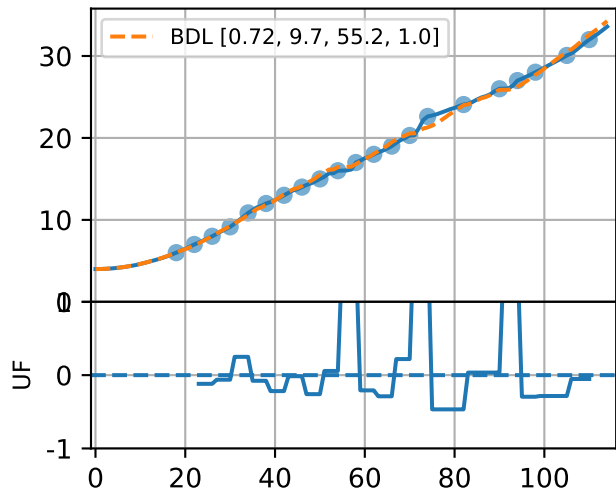
NdV_Q90AbsY (Def=12.72 Set=13.26)
avg1=13.28~19% avg2=na



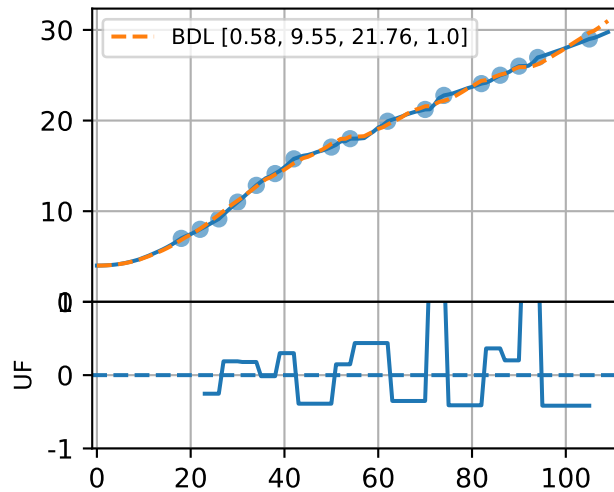
NdV_avgAbsY (Def=na Set=10.8)
avg1=10.8~29% avg2=na



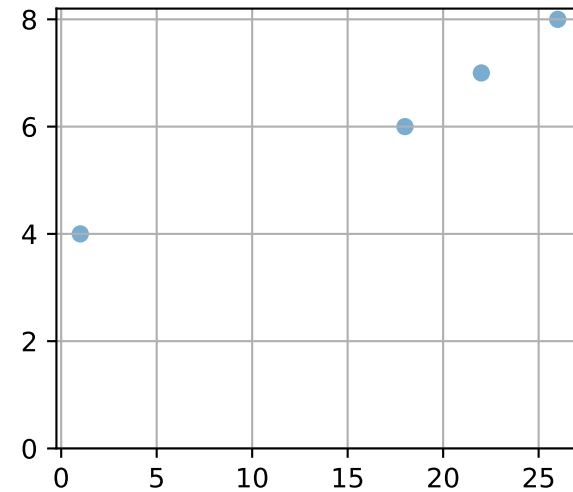
P10AE-081-12 (fit failed)



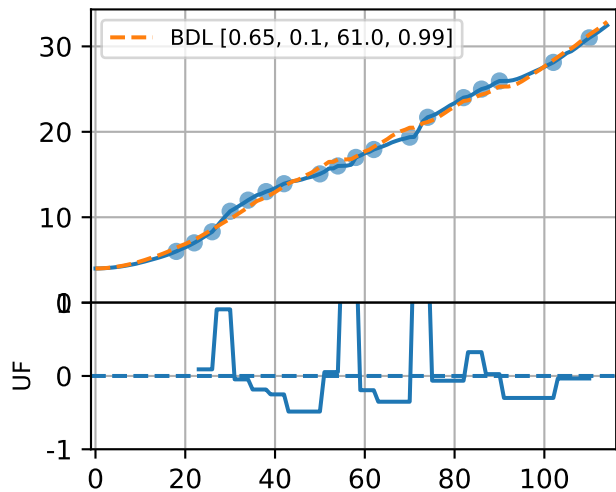
P10AE-087-27 (fit failed)



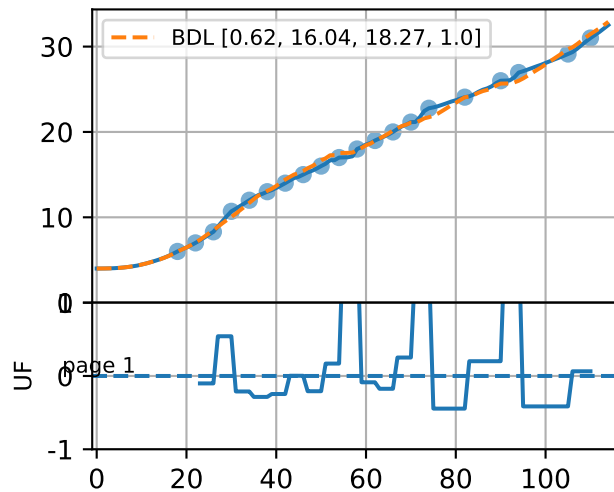
P10AE-095-20 (fit failed)



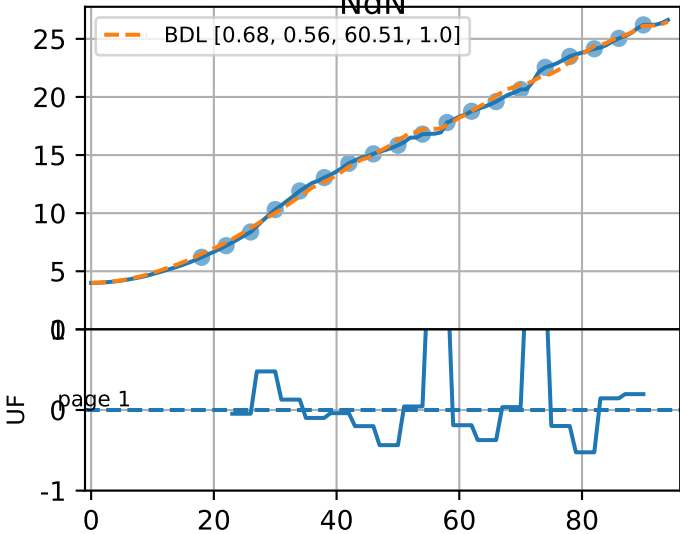
P10AE-103-32 (fit failed)

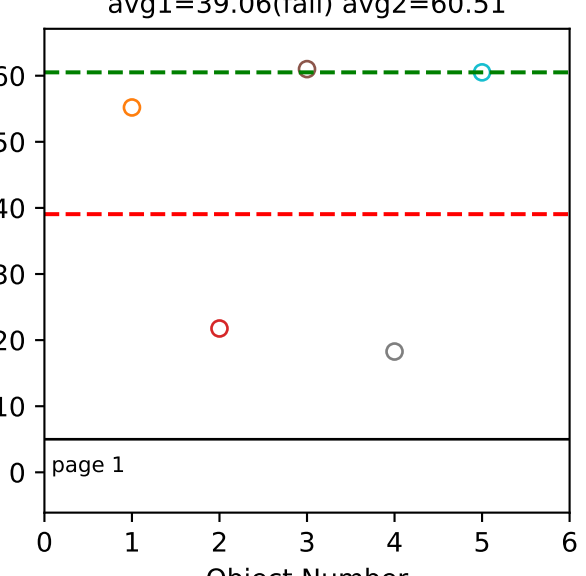
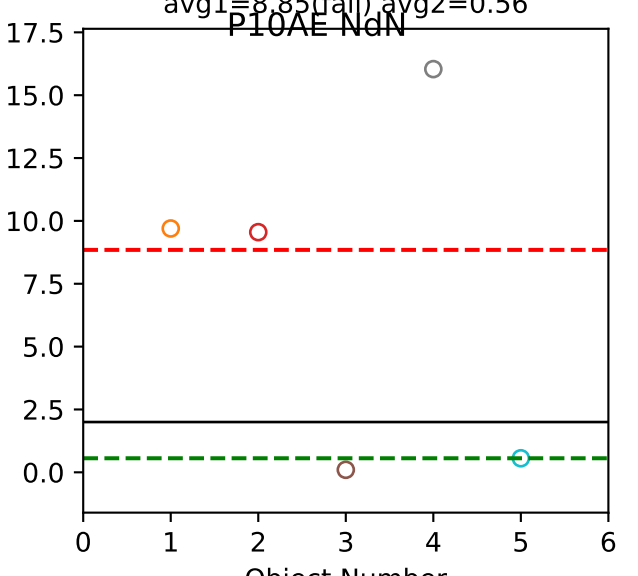
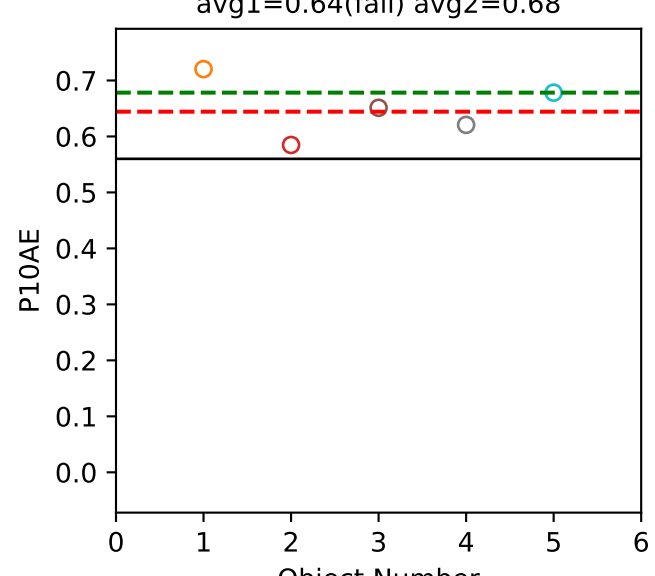


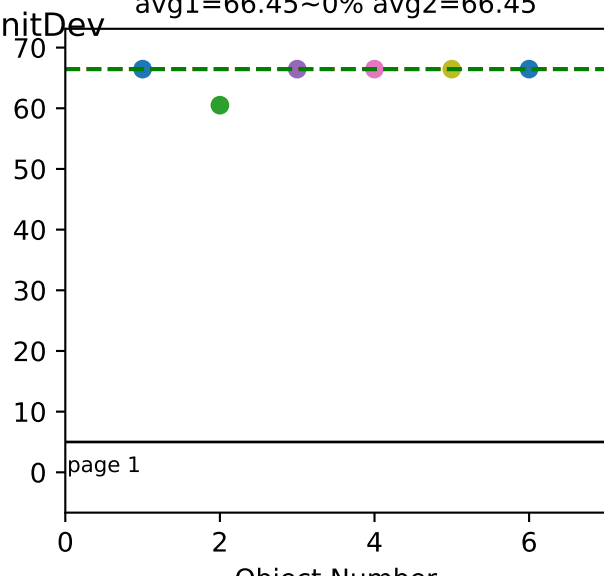
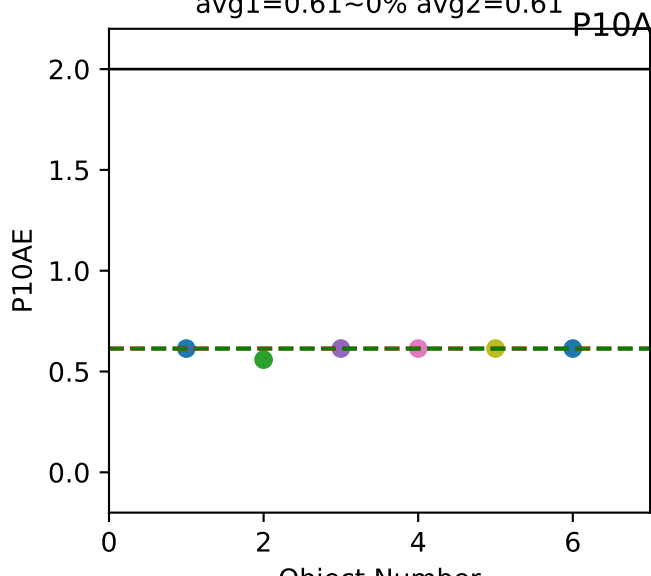
P10AE-114-7 (fit failed)



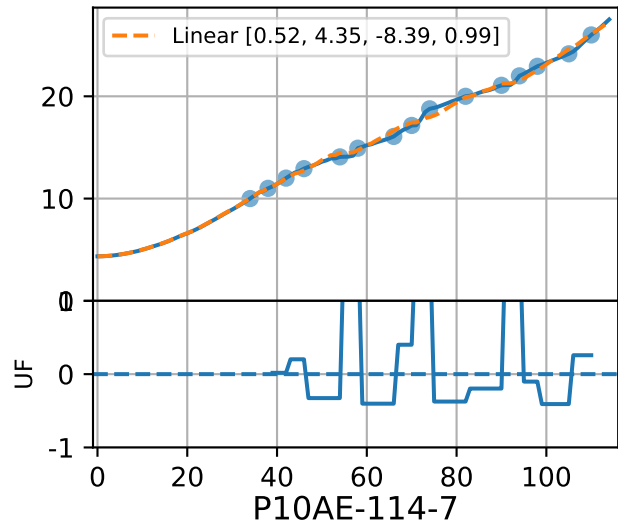
PI0AEavg (hit tailed) NaN



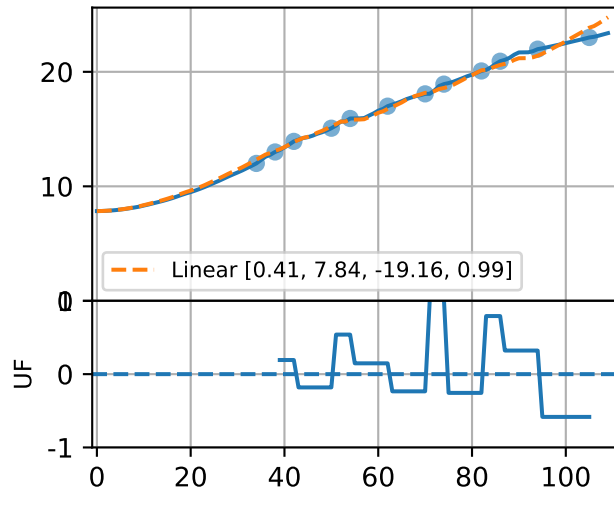




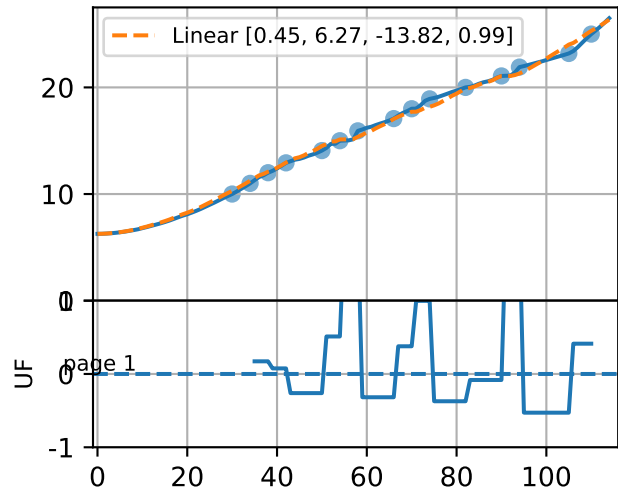
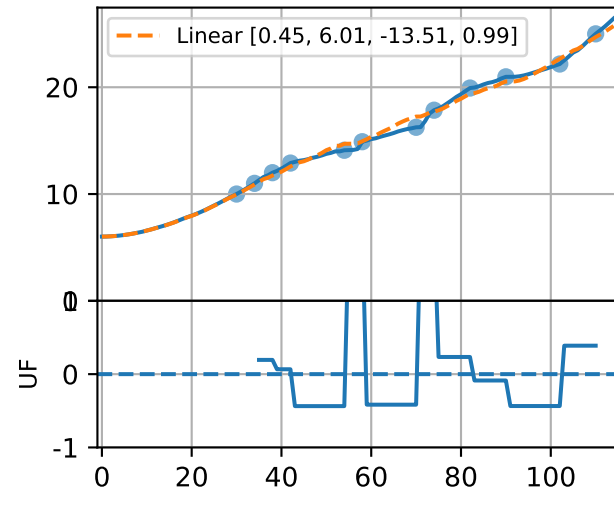
P10AE-081-12



P10AE-087-27

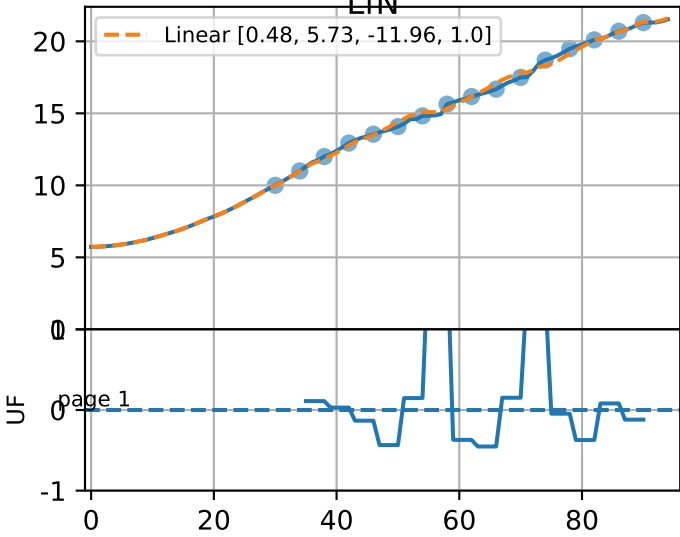


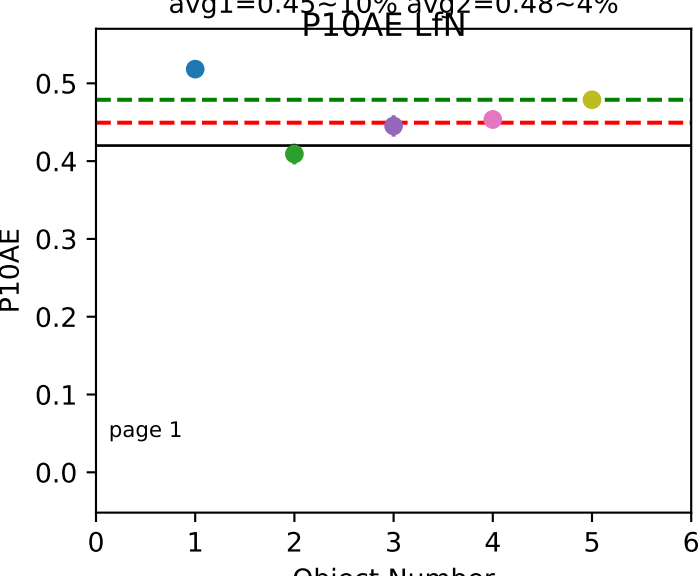
P10AE-103-32



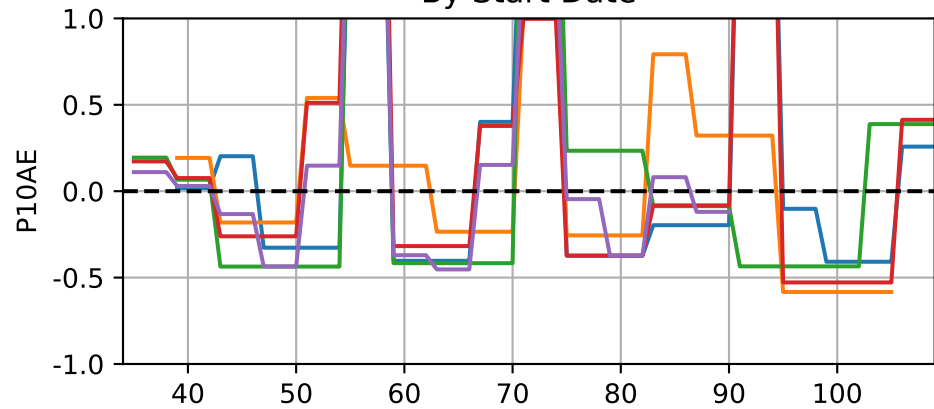
PIOAavg

LfN

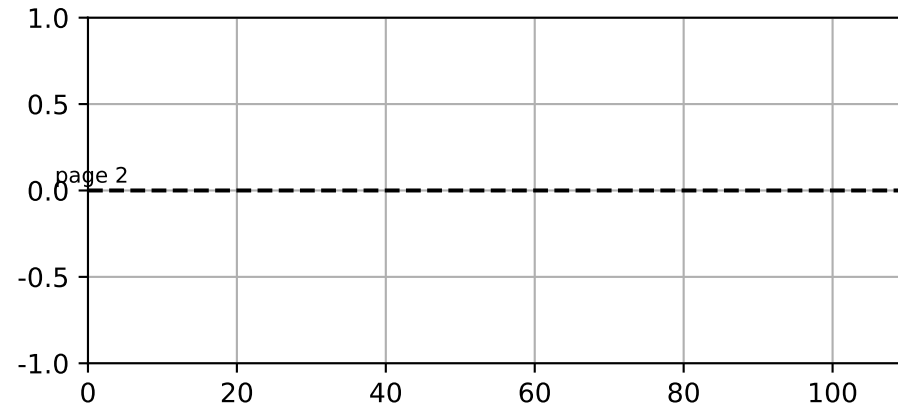
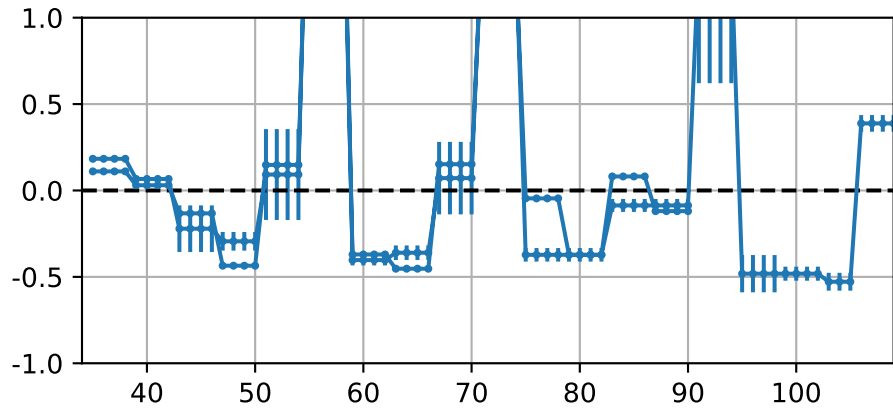
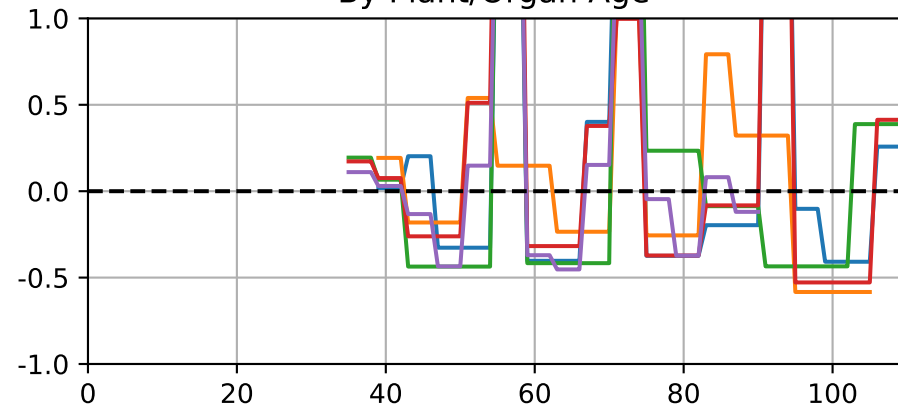




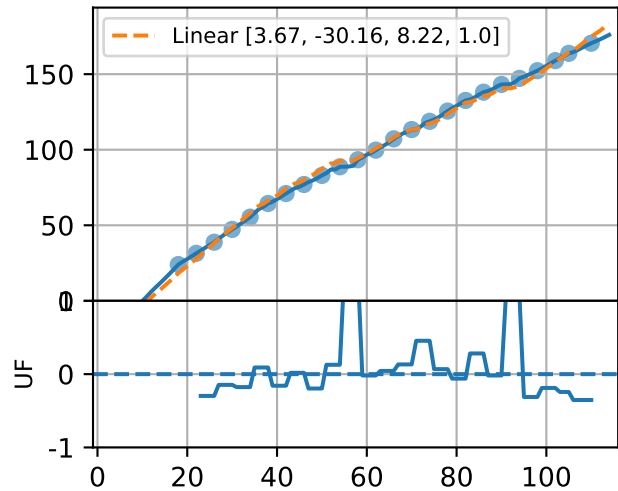
By Start Date



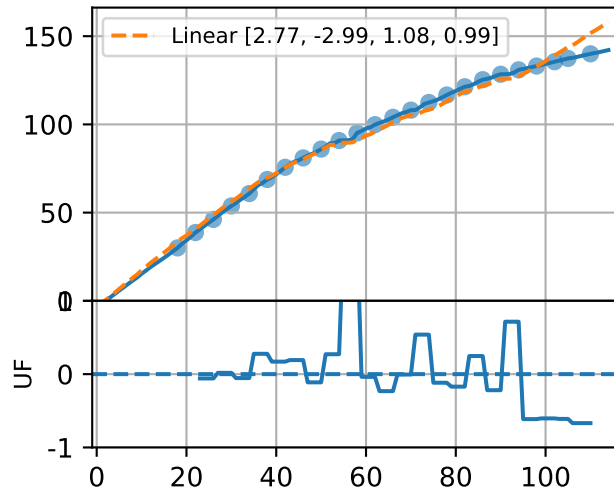
By Plant/Organ Age



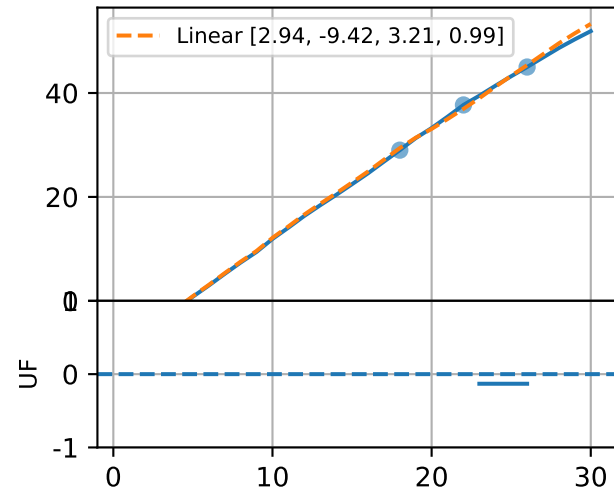
P10AE-081-12



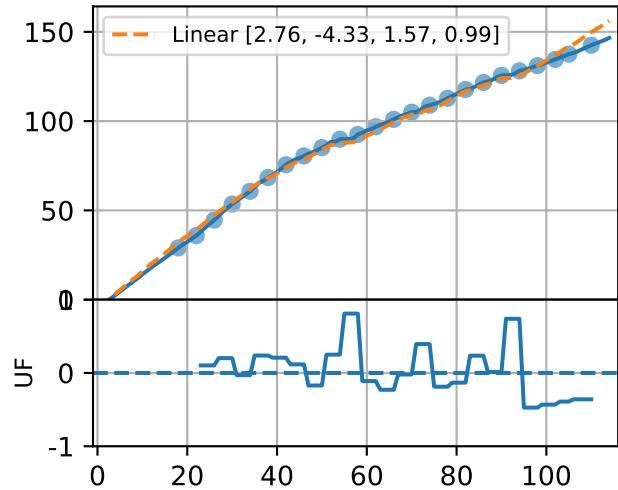
P10AE-087-27



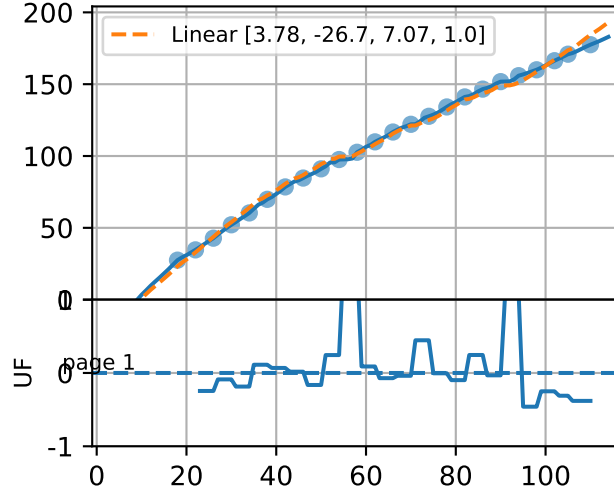
P10AE-095-20



P10AE-103-32

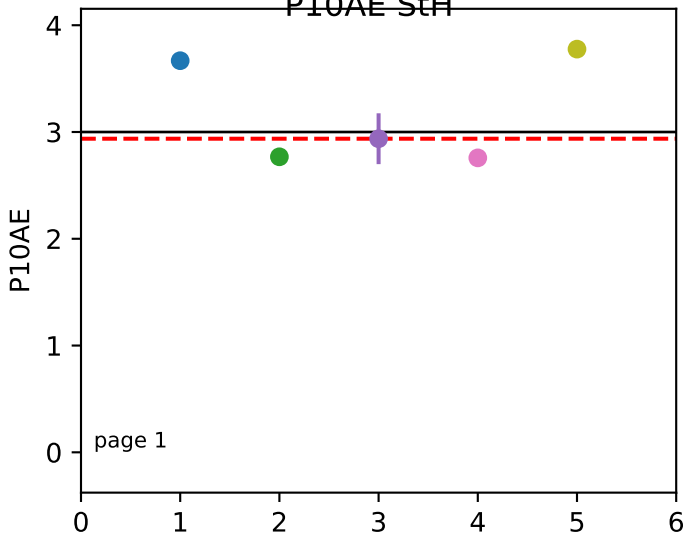


P10AE-114-7



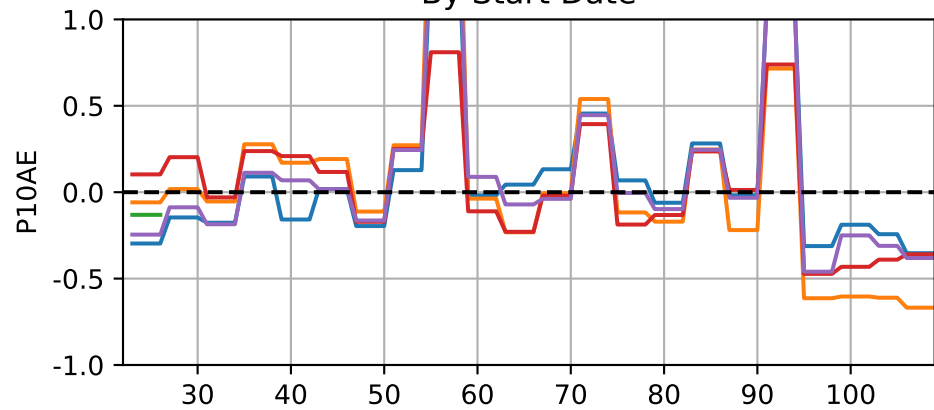
avg1=2.94~17% avg2=na

P10AE Sth

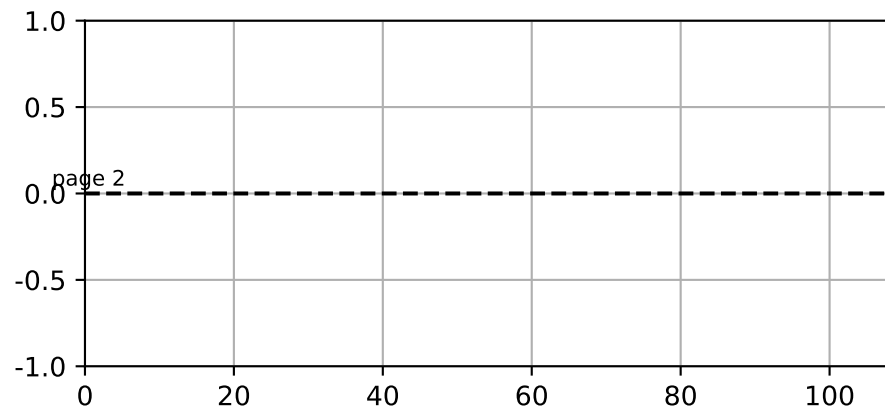
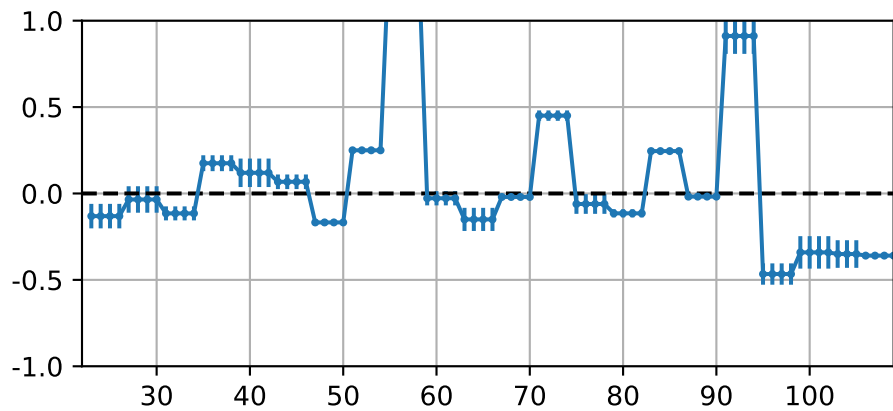
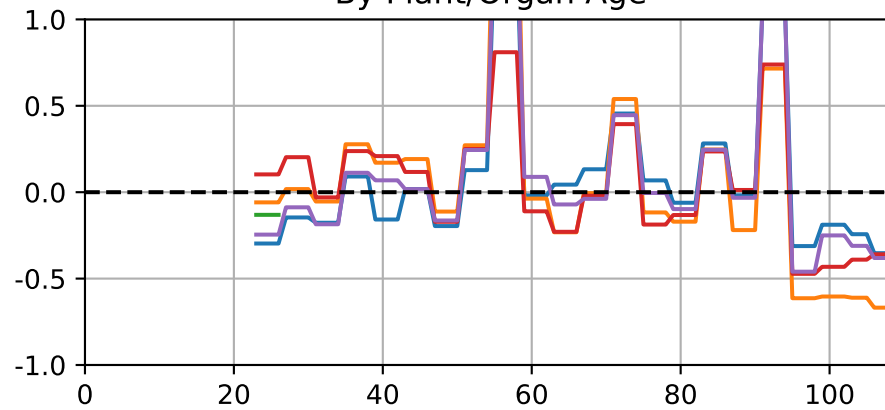


page 1

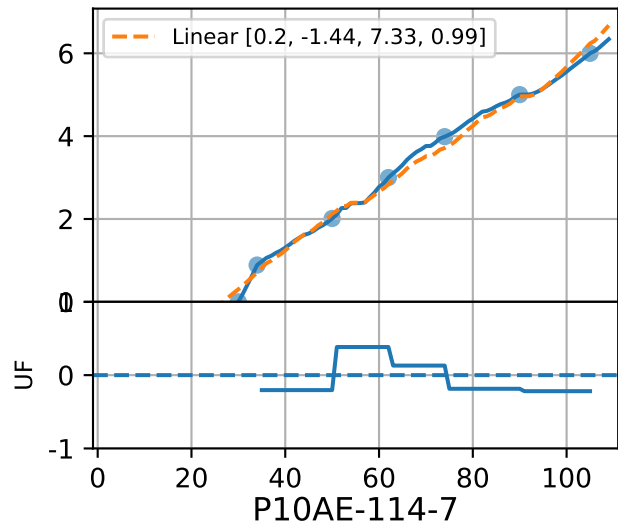
By Start Date



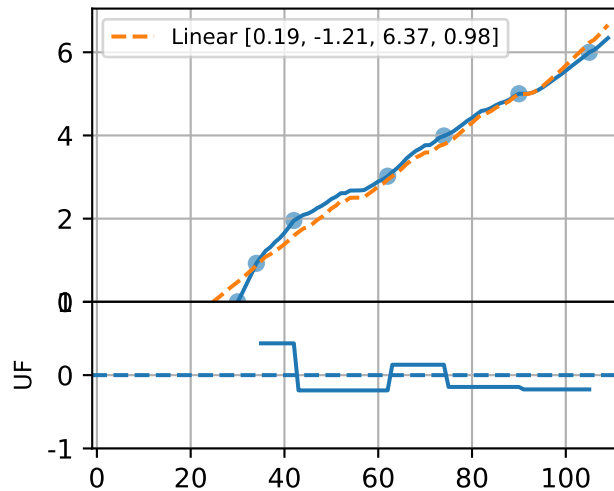
By Plant/Organ Age



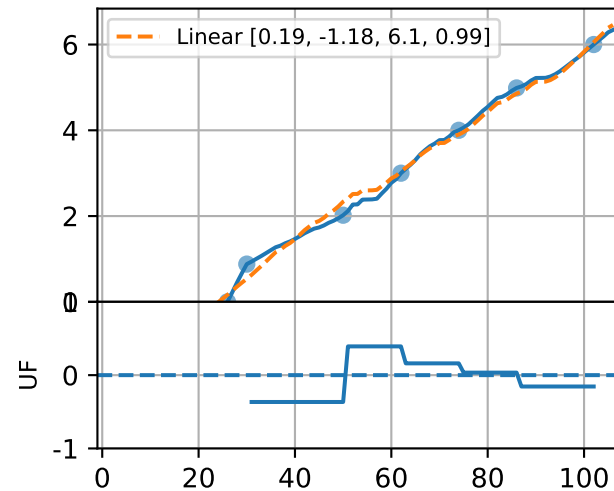
P10AE-081-12



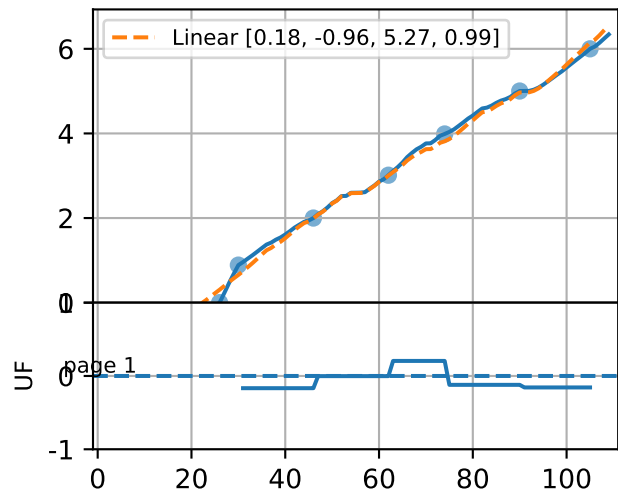
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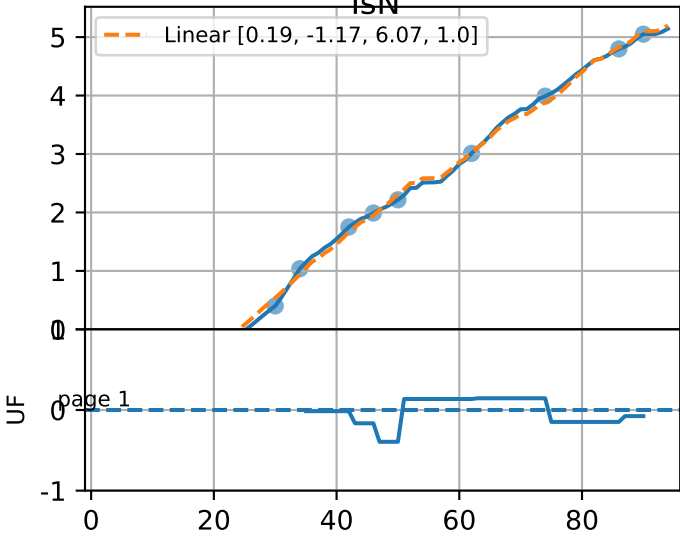
P10AE-103-32



P10AE-114-7



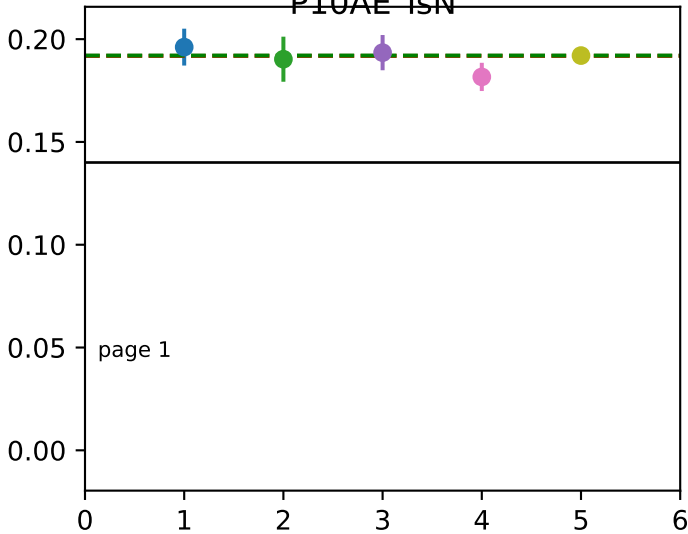
PIQA Avg
ISN



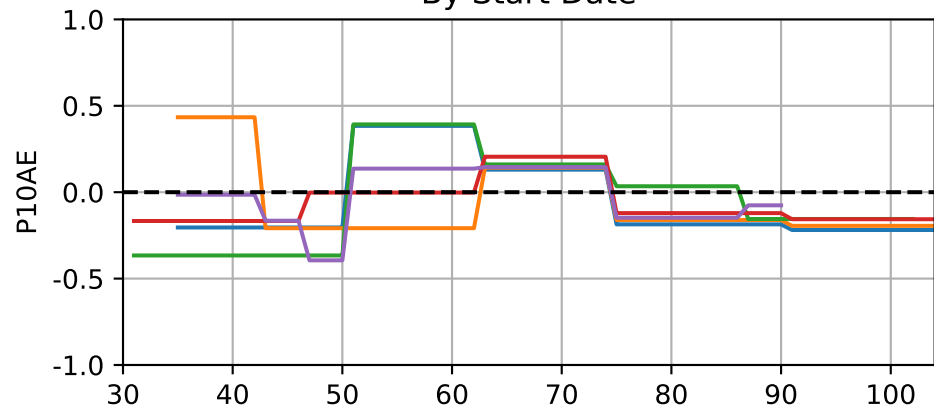
page 1

avg1=0.19~3% avg2=0.19~5%

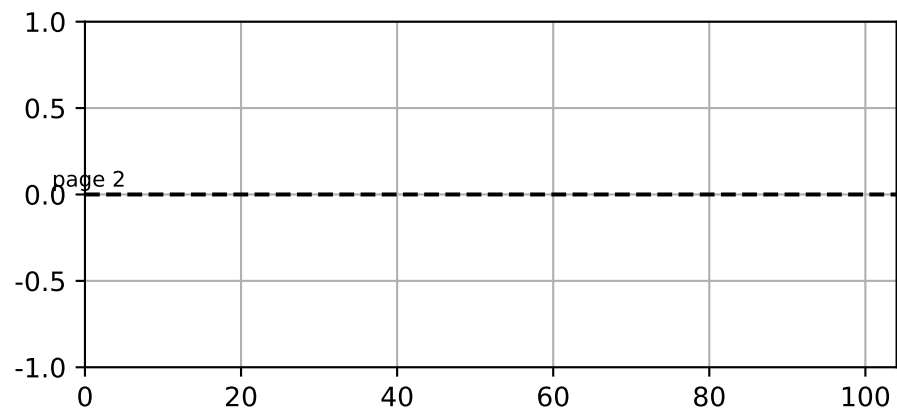
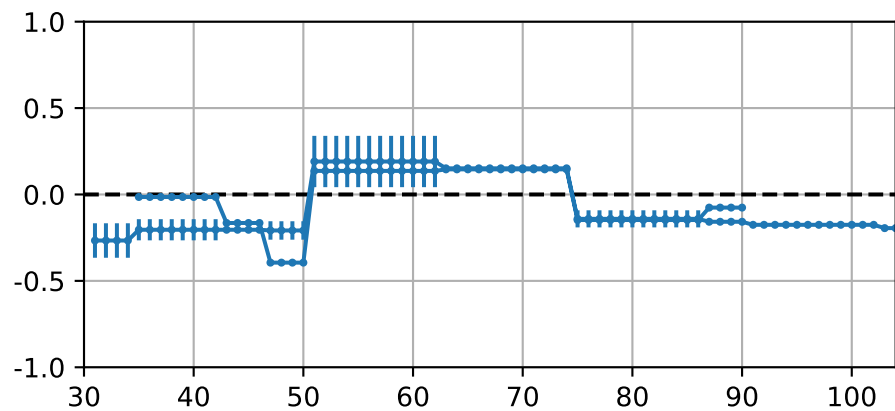
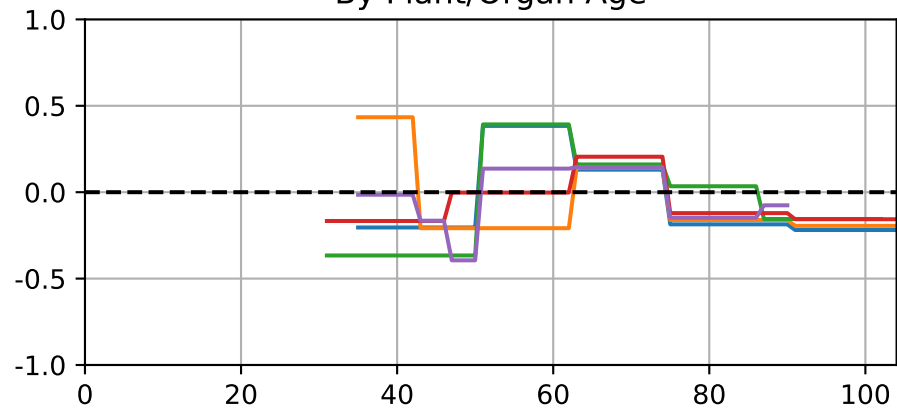
P10AE TSN

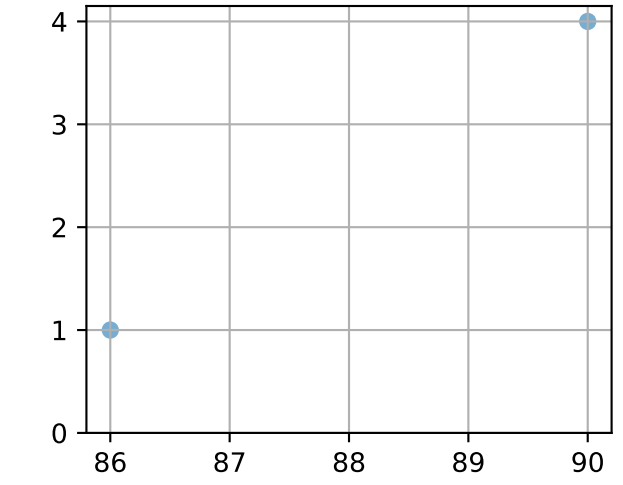
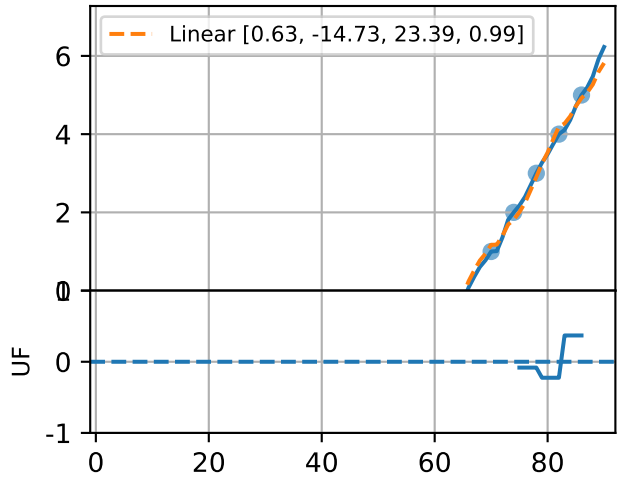
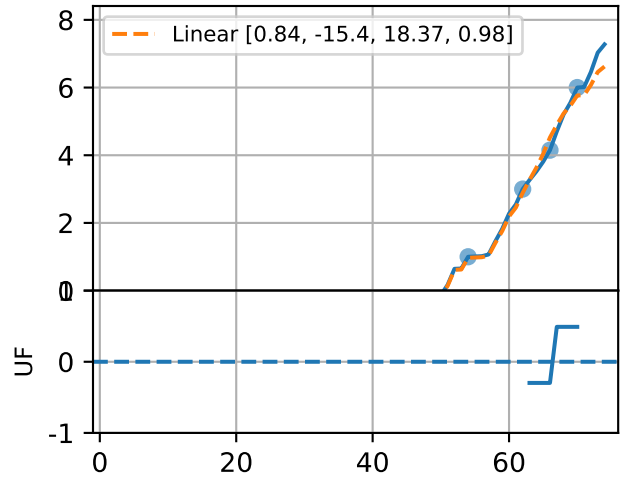
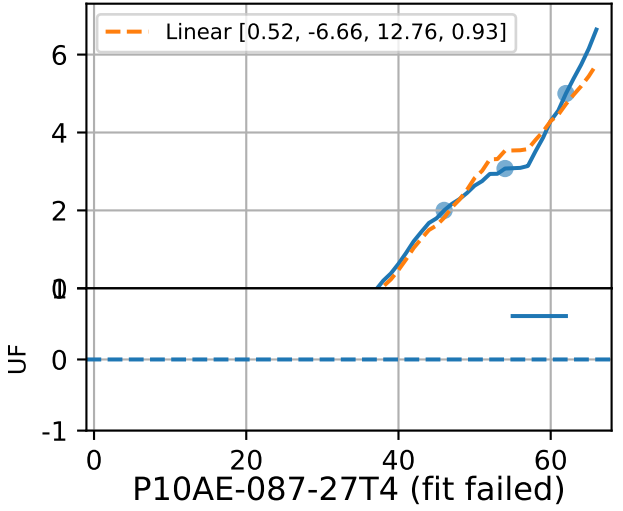
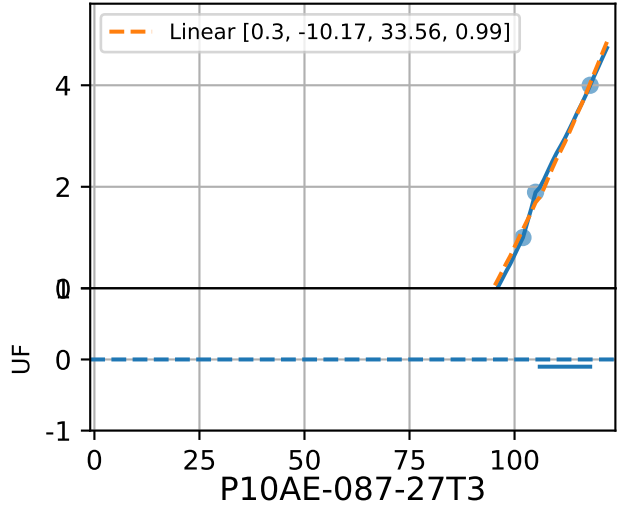
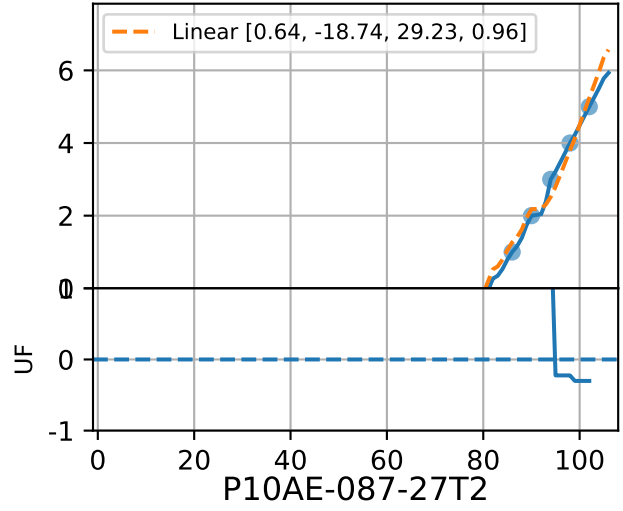
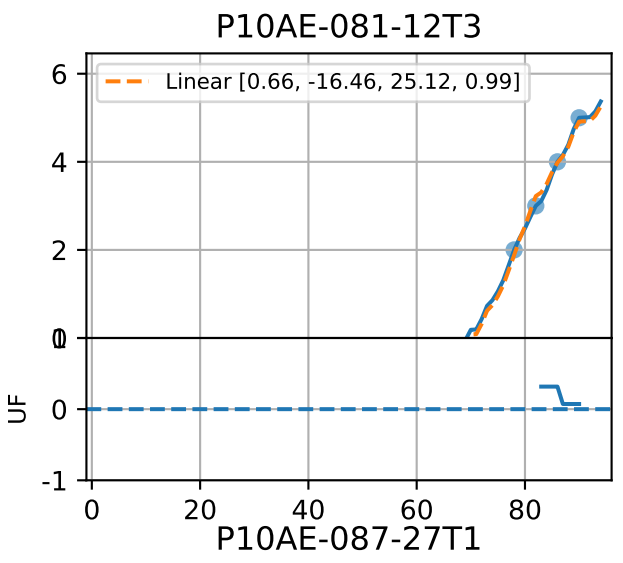
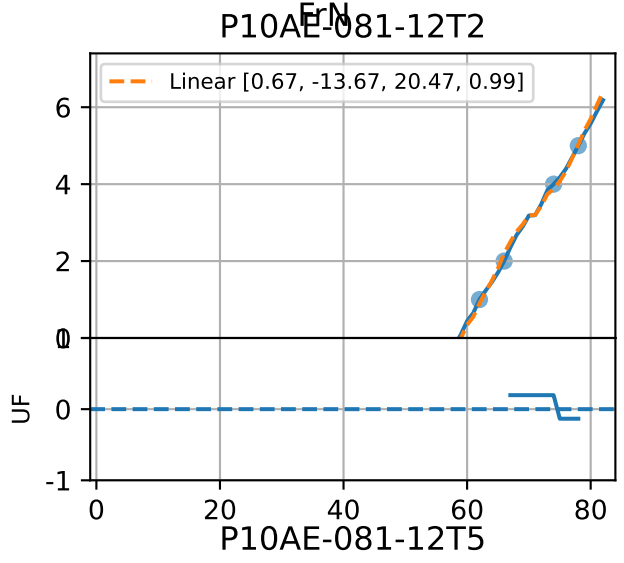
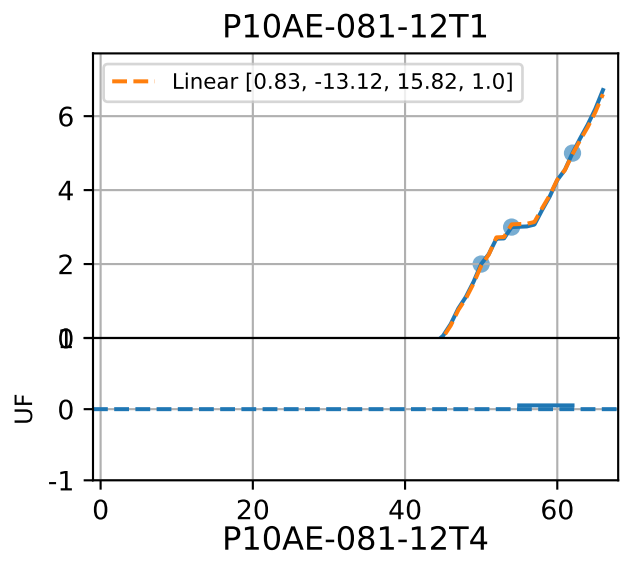


By Start Date

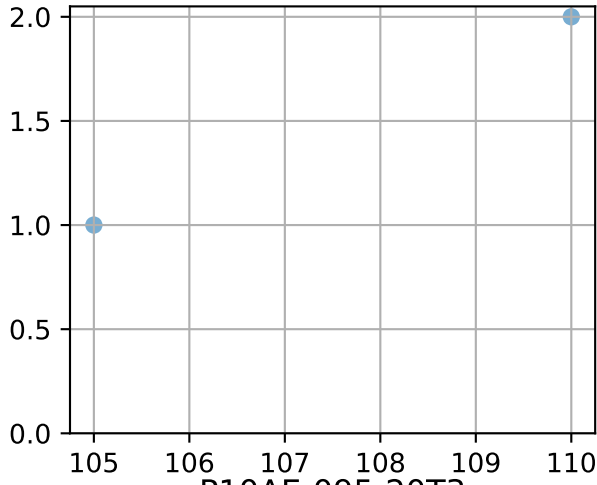


By Plant/Organ Age

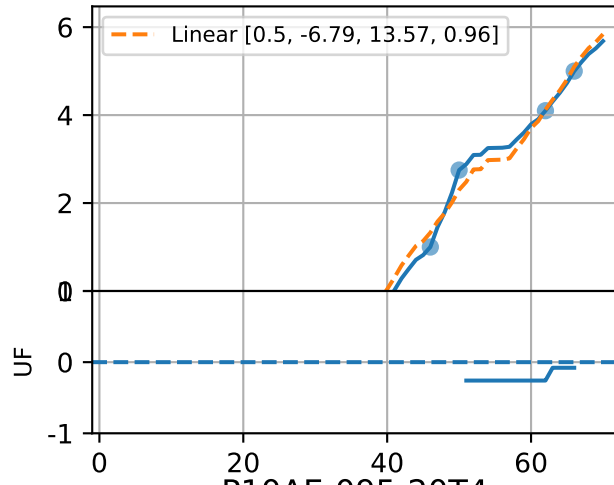




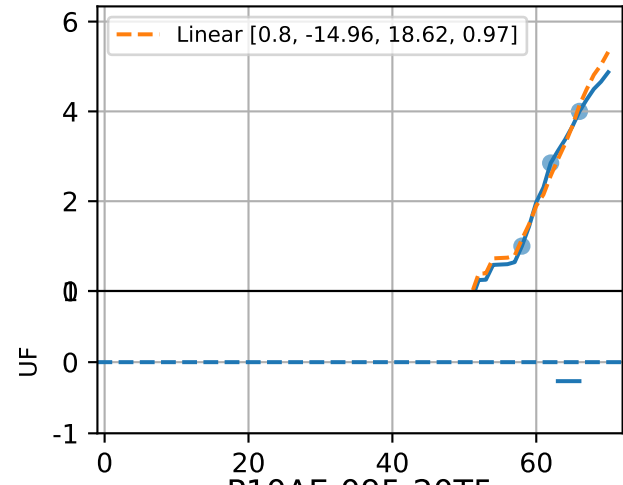
P10AE-087-27T5 (fit failed)



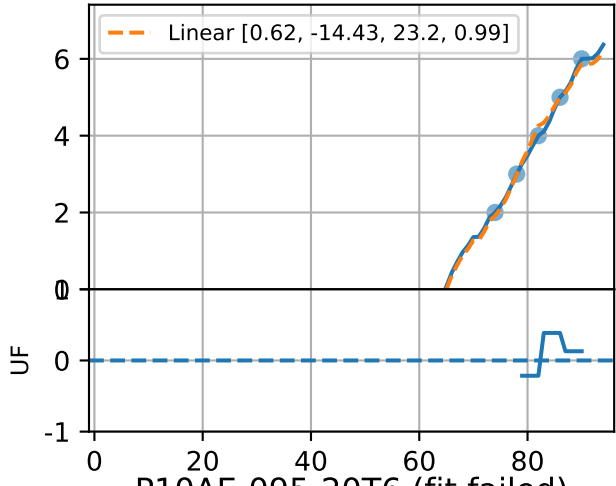
P10AE-095-20T1



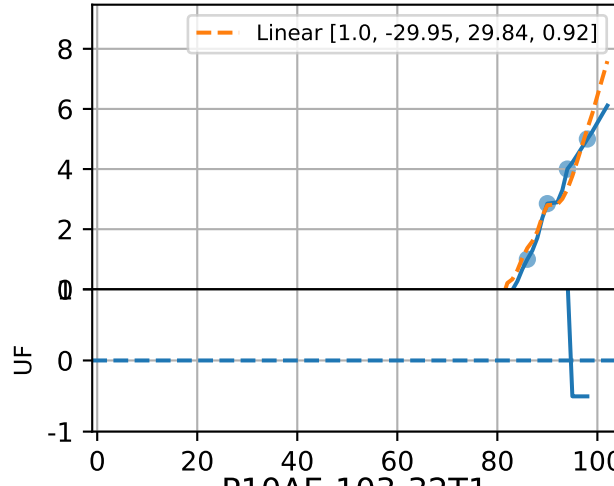
P10AE-095-20T2



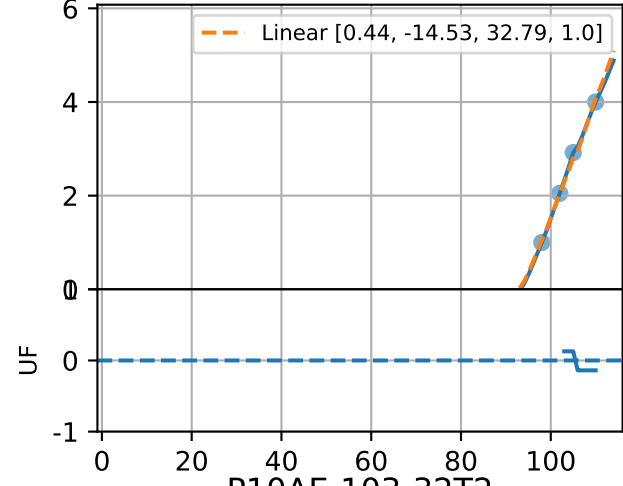
P10AE-095-20T3



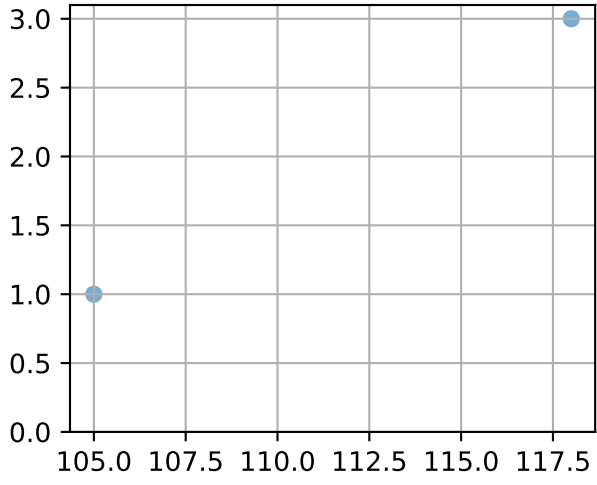
P10AE-095-20T4



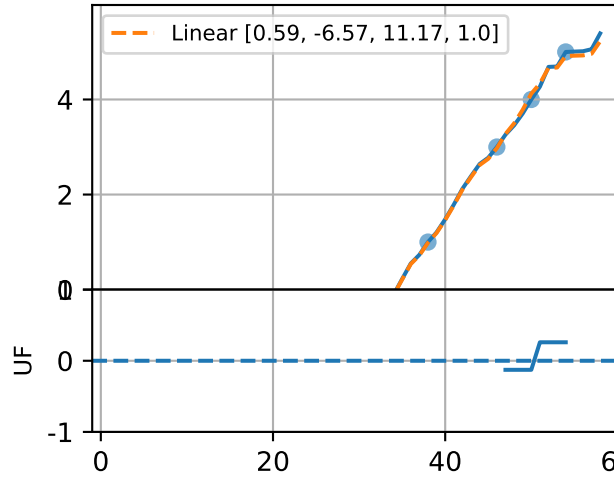
P10AE-095-20T5



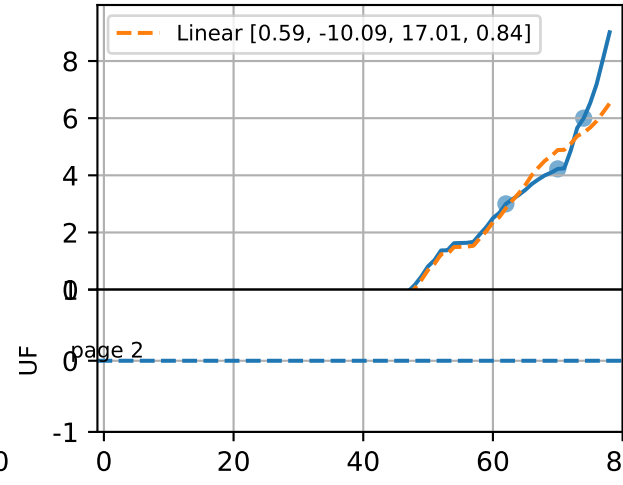
P10AE-095-20T6 (fit failed)



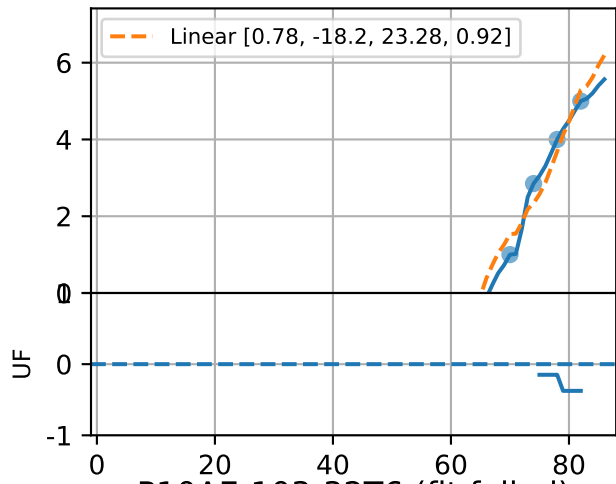
P10AE-103-32T1



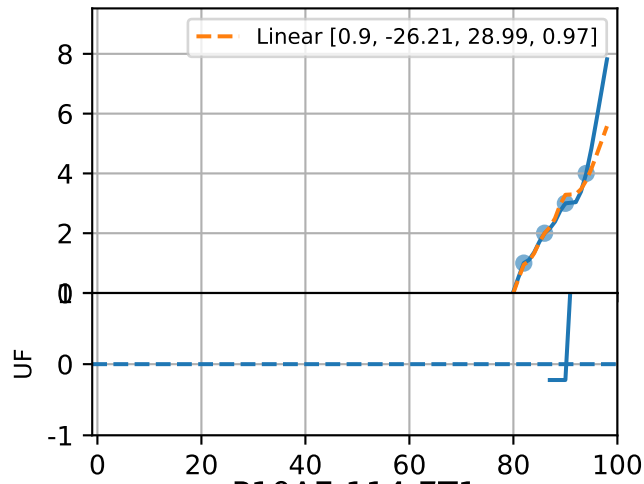
P10AE-103-32T2



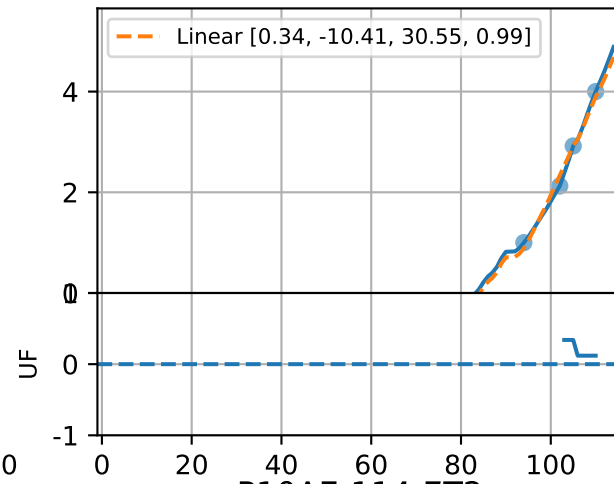
P10AE-103-32T3



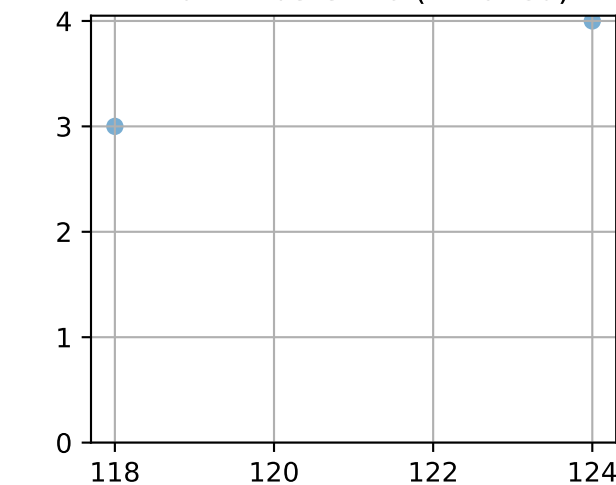
P10AE-103-32T4



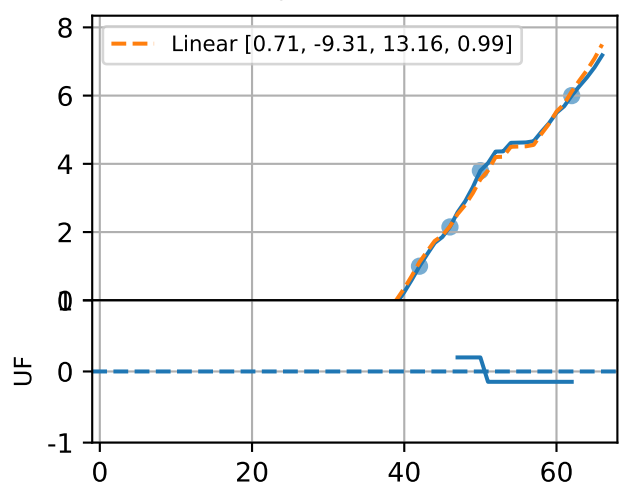
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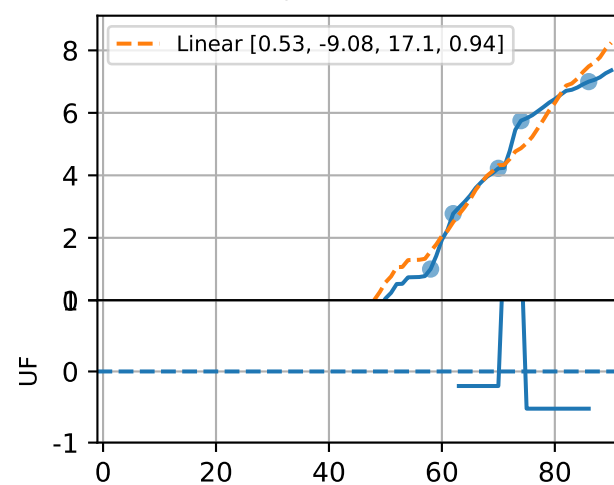
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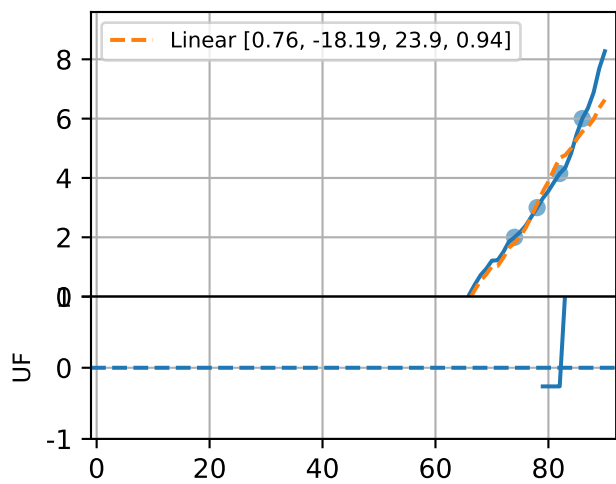
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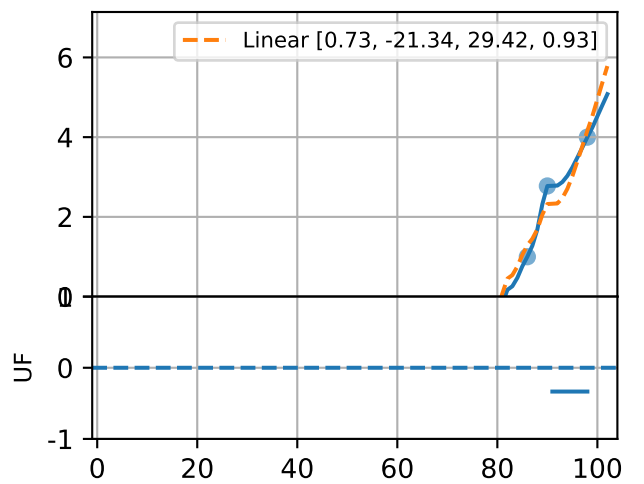
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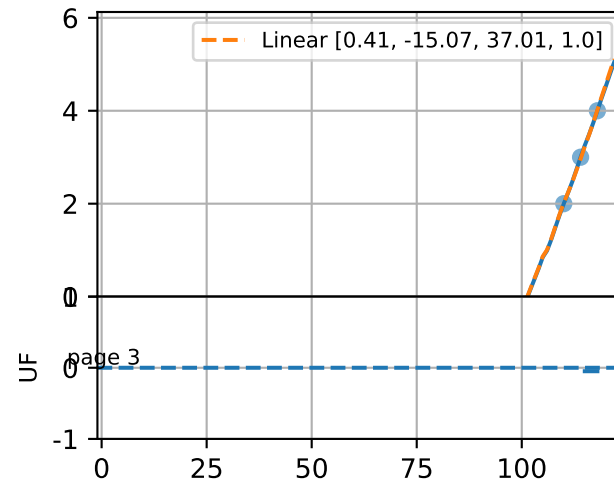
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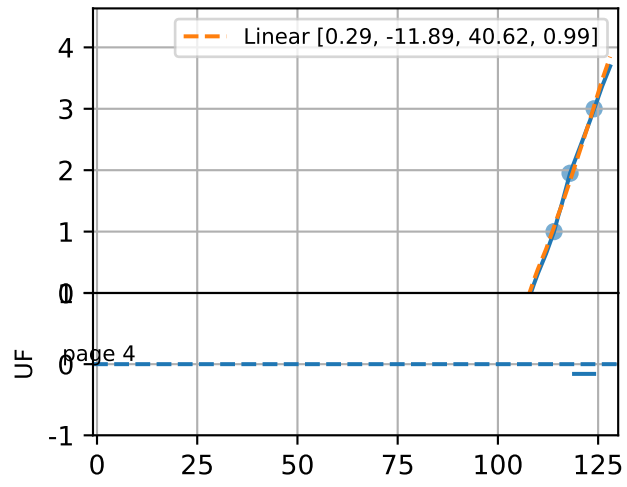


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P10AE-114-7T6

FrN

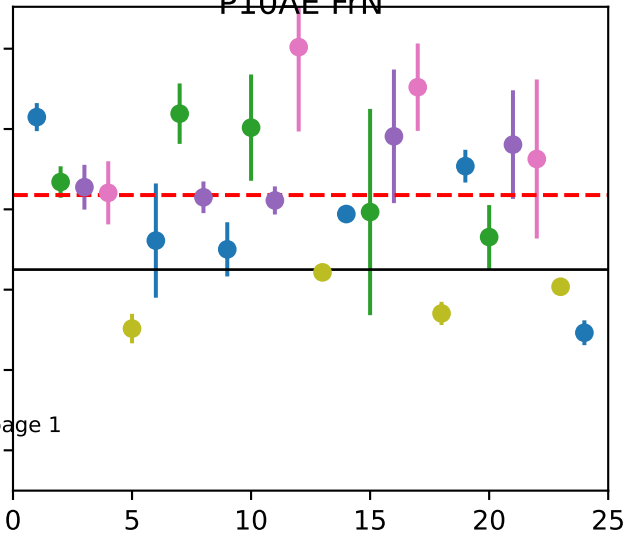


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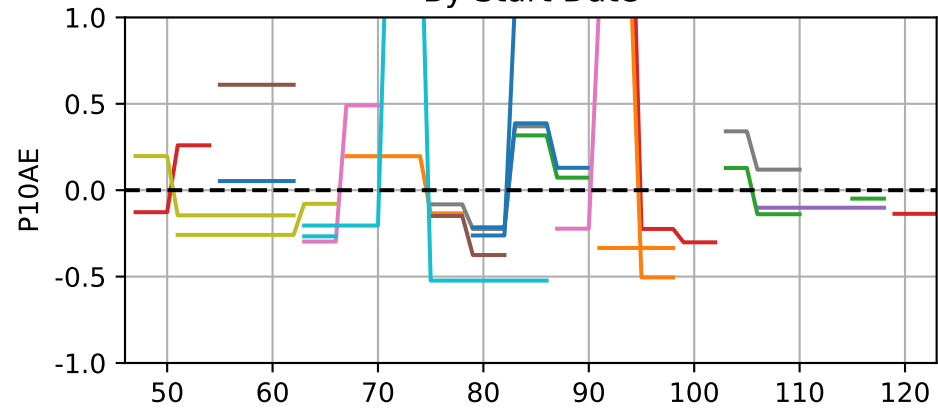
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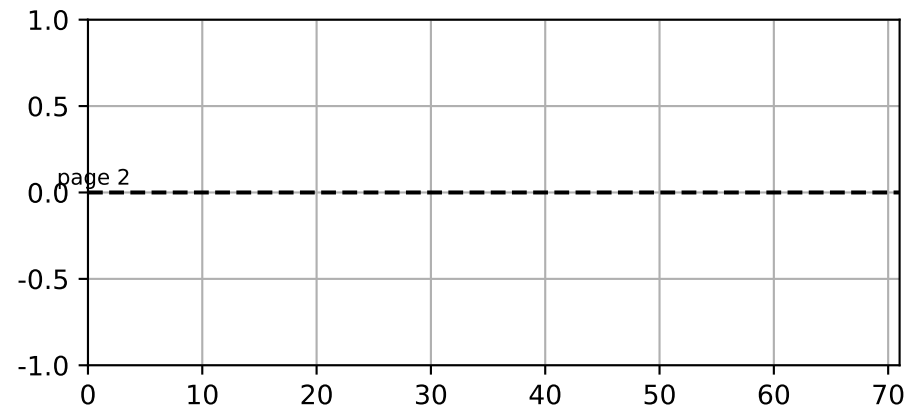
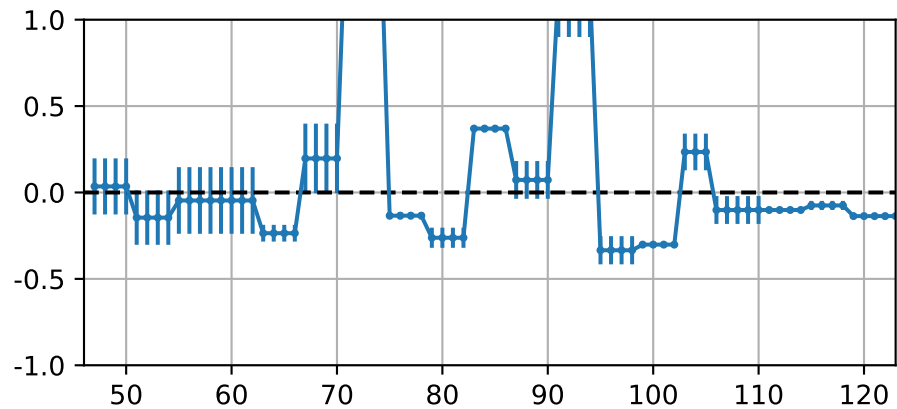
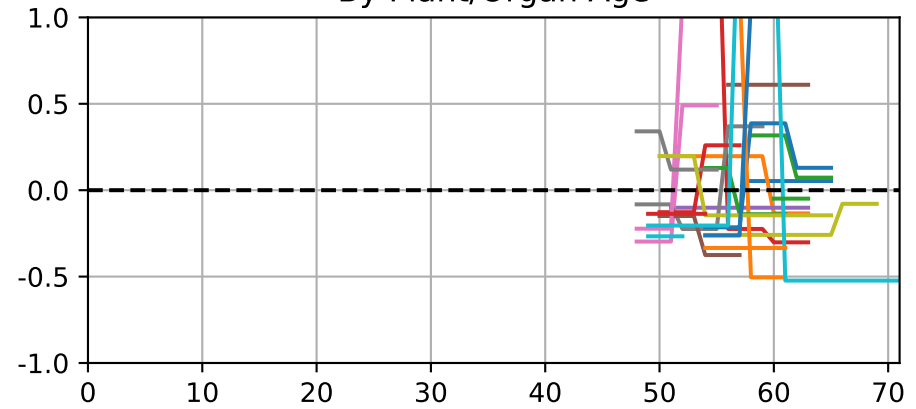


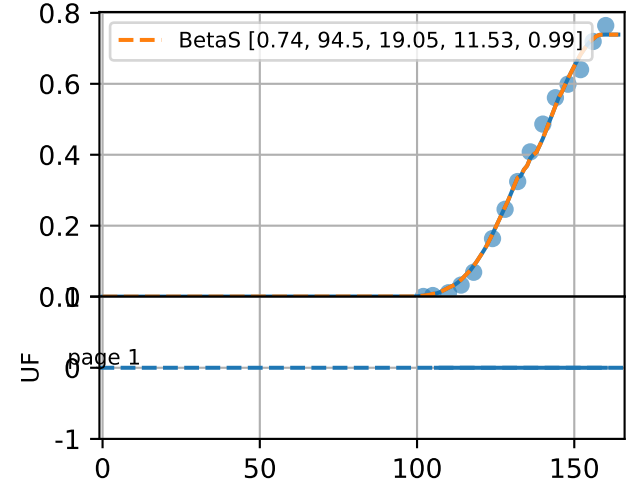
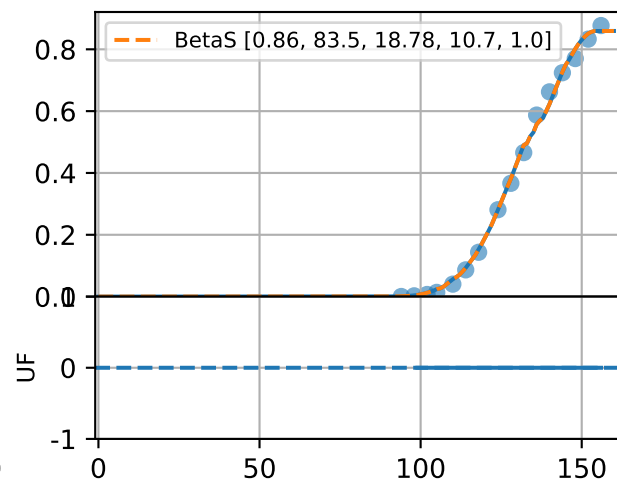
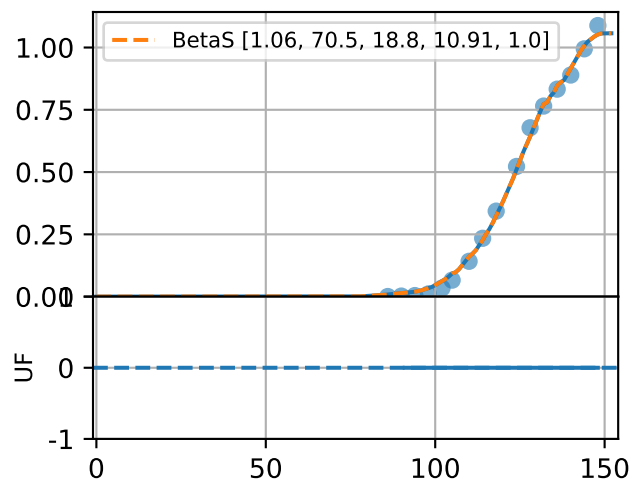
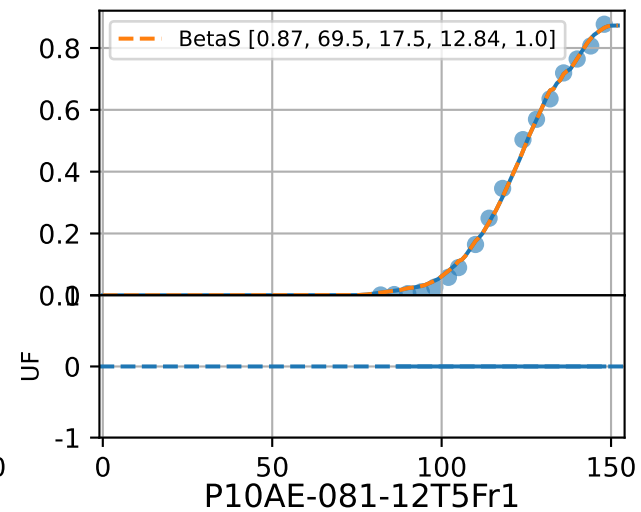
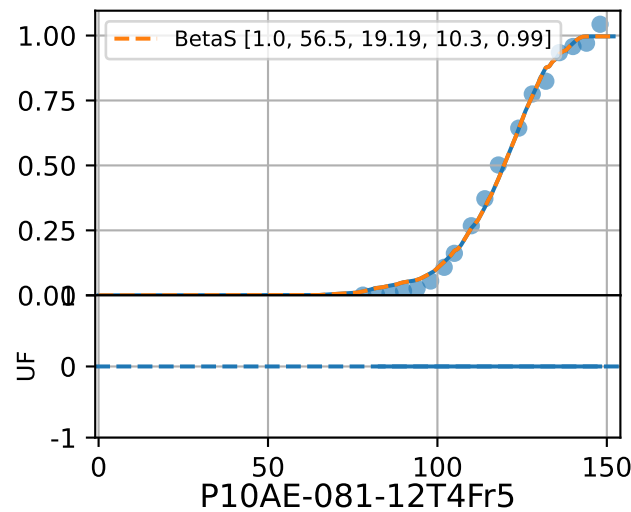
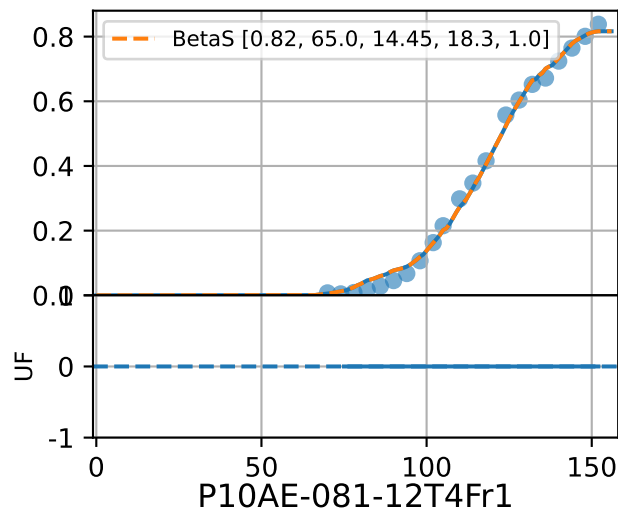
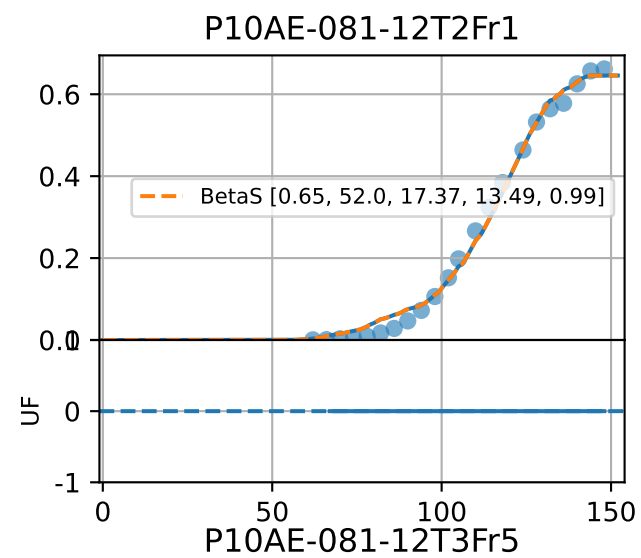
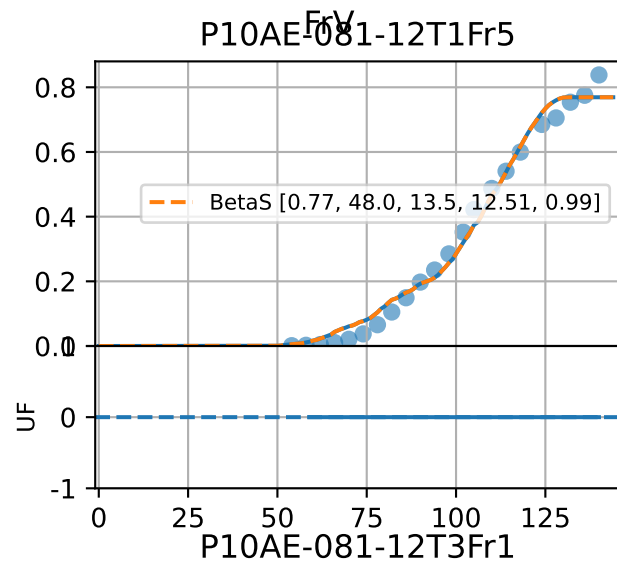
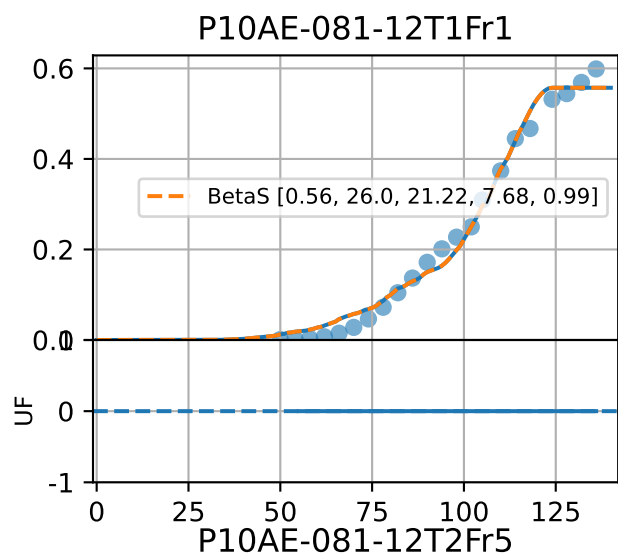
page 1

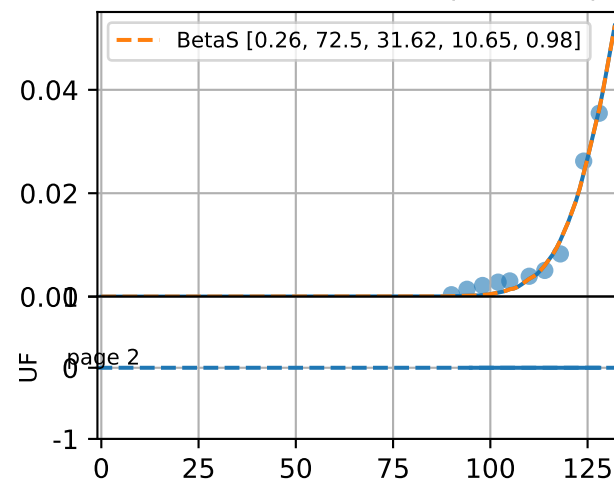
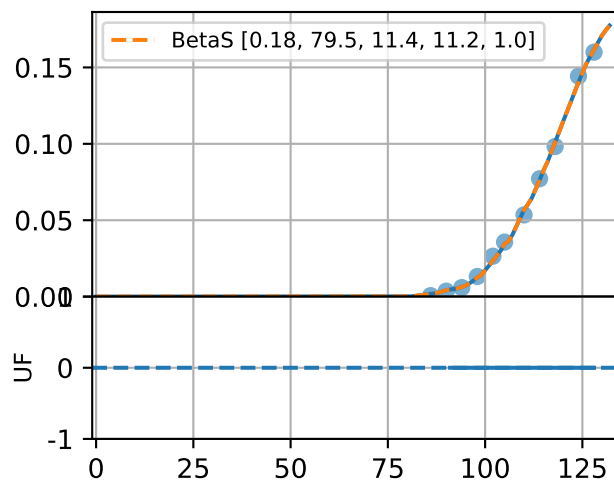
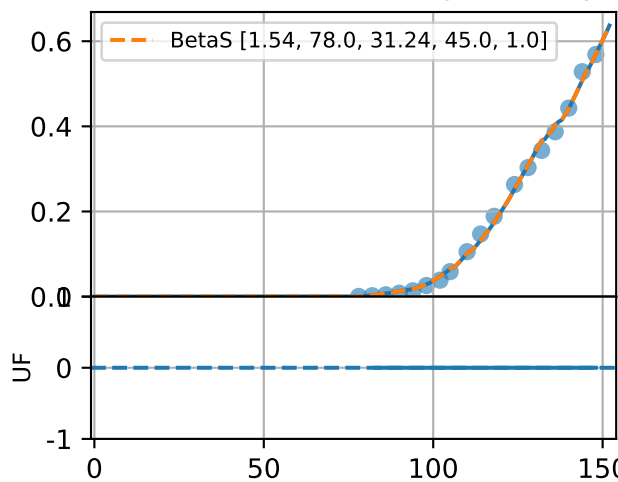
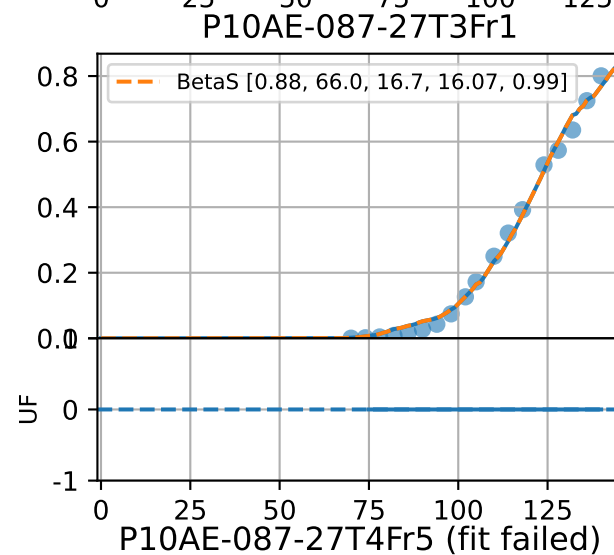
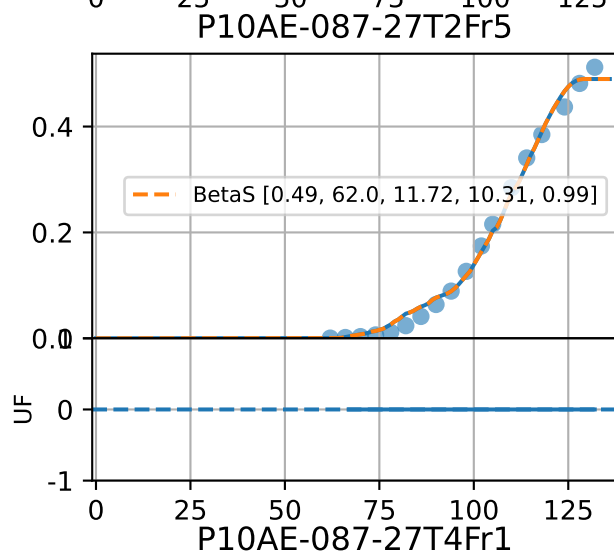
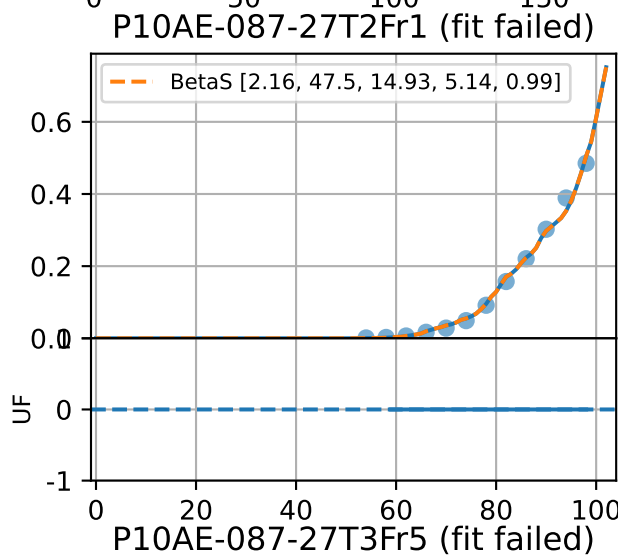
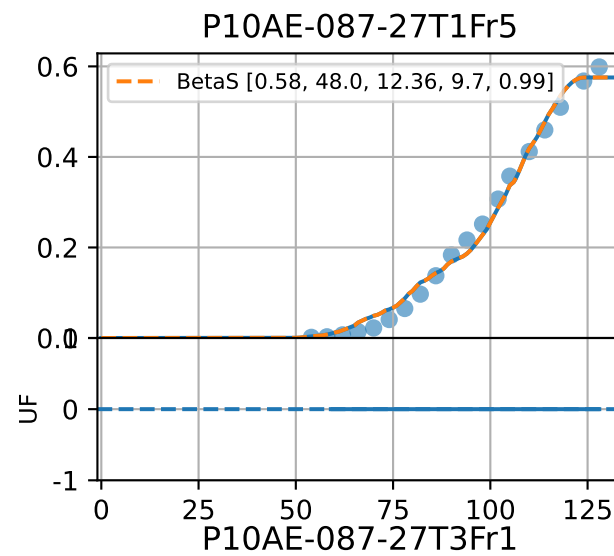
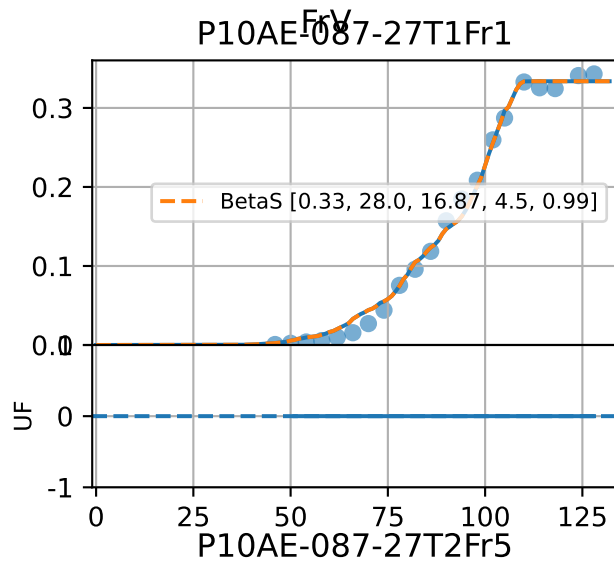
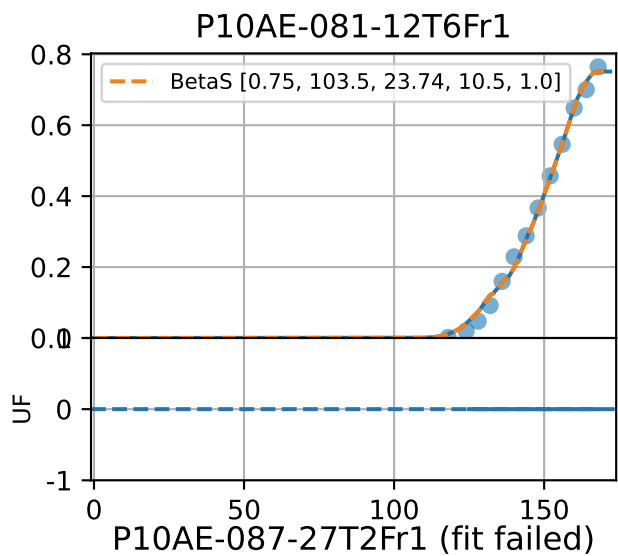
By Start Date



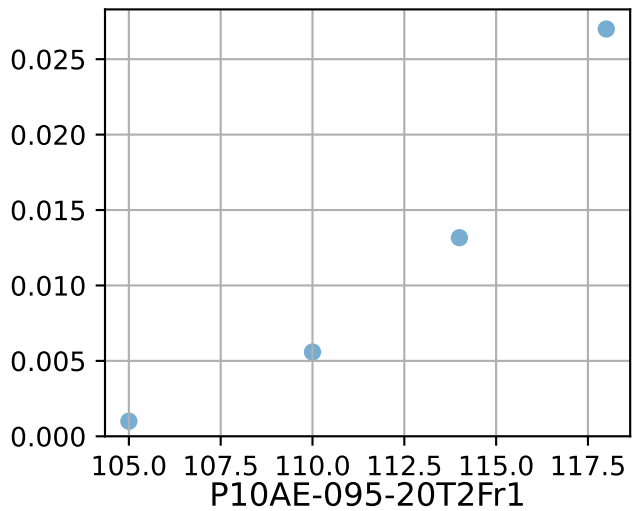
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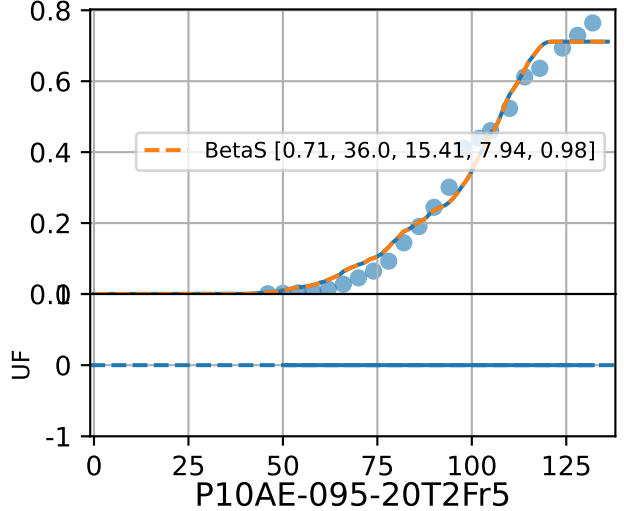




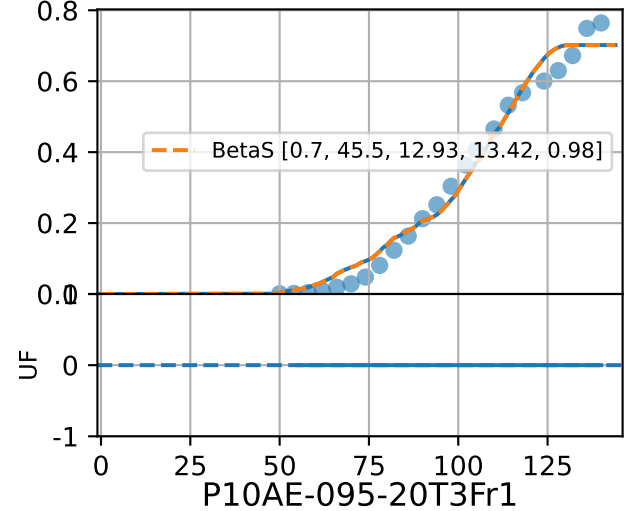
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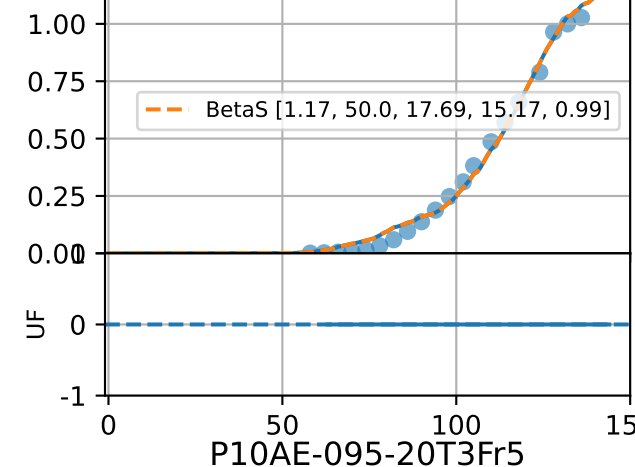
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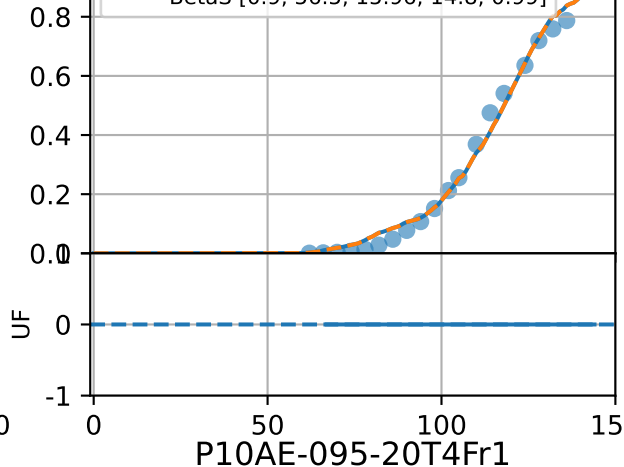
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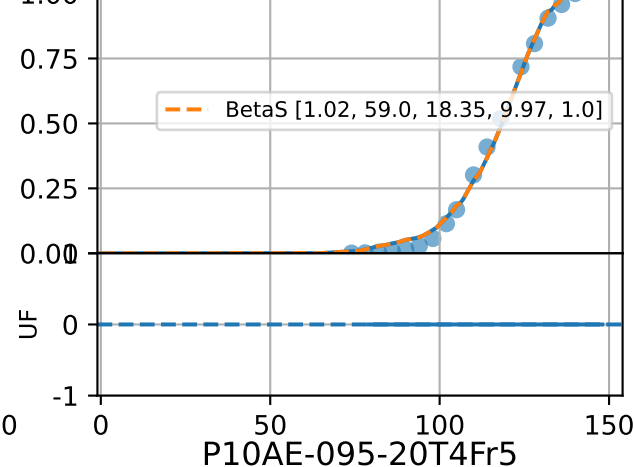
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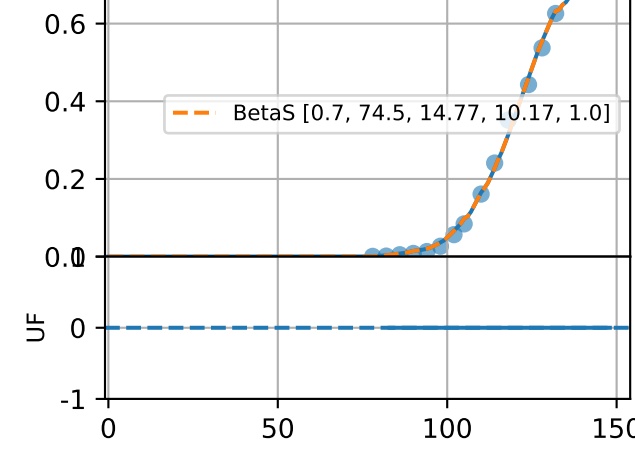
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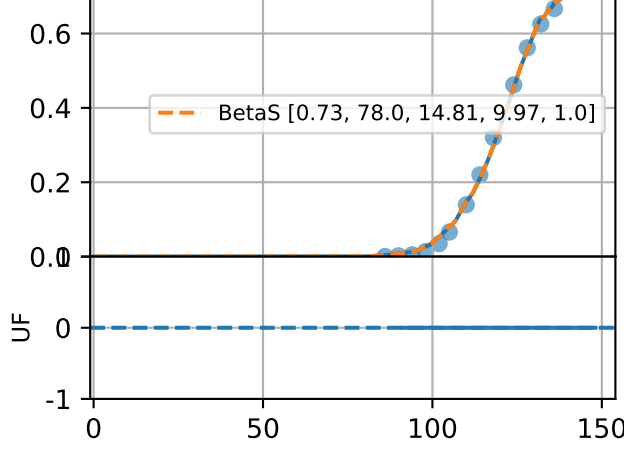
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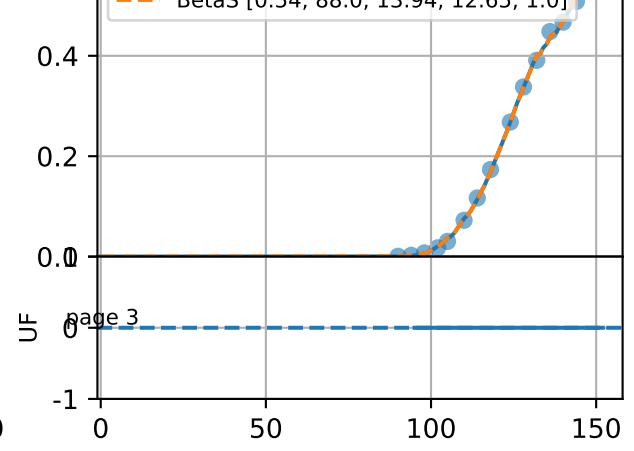
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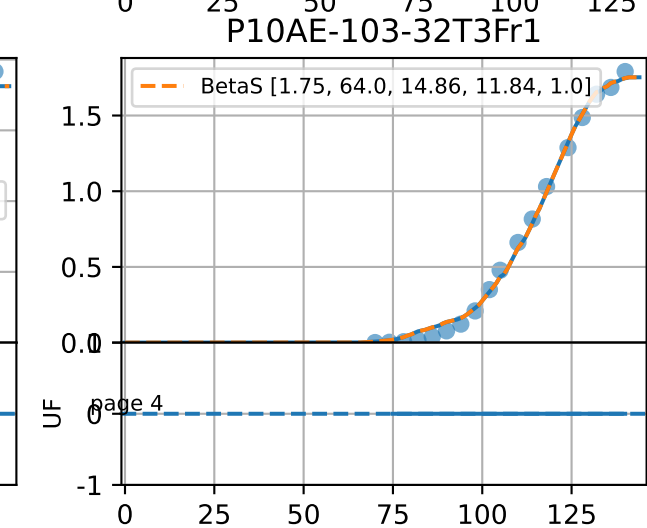
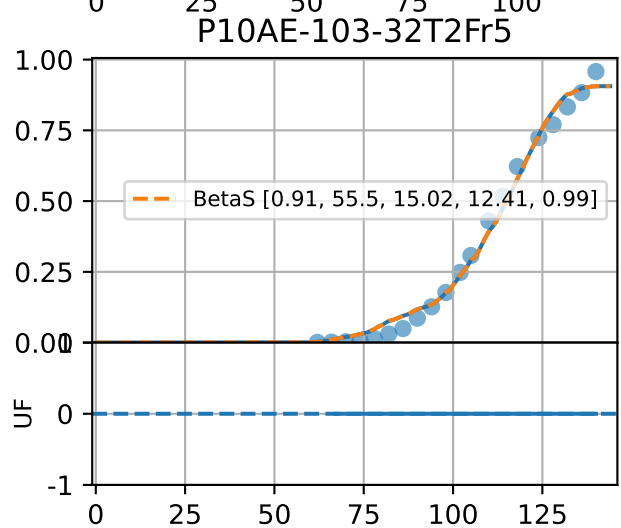
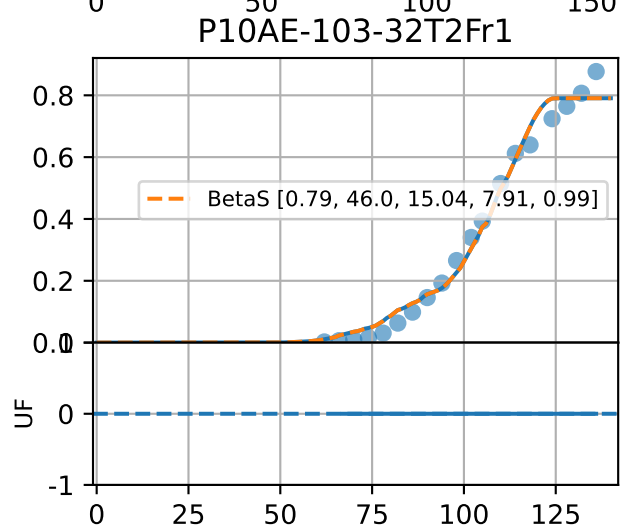
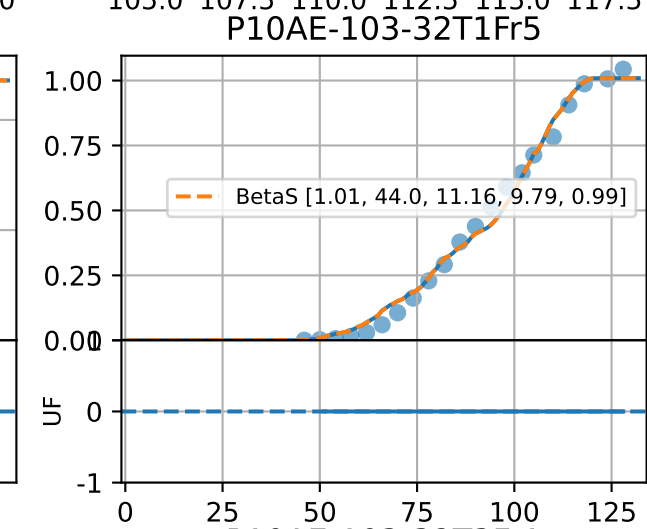
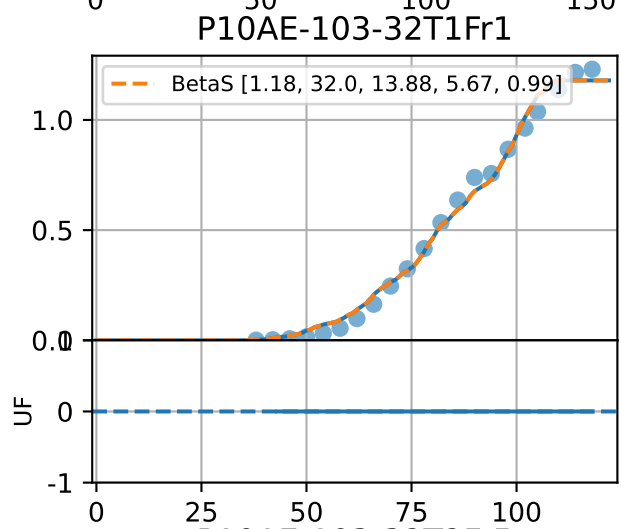
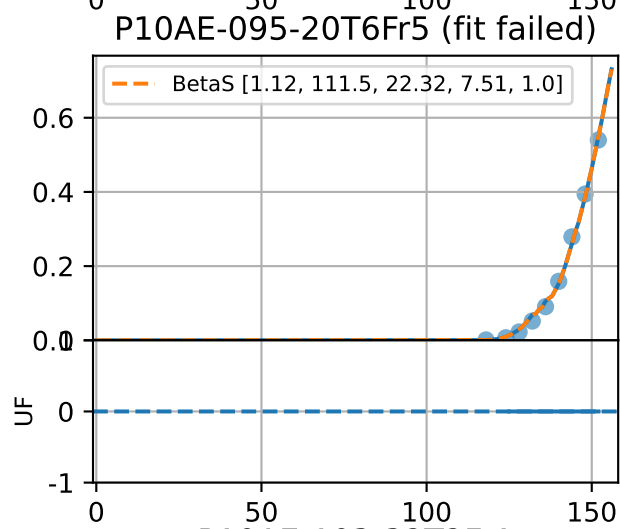
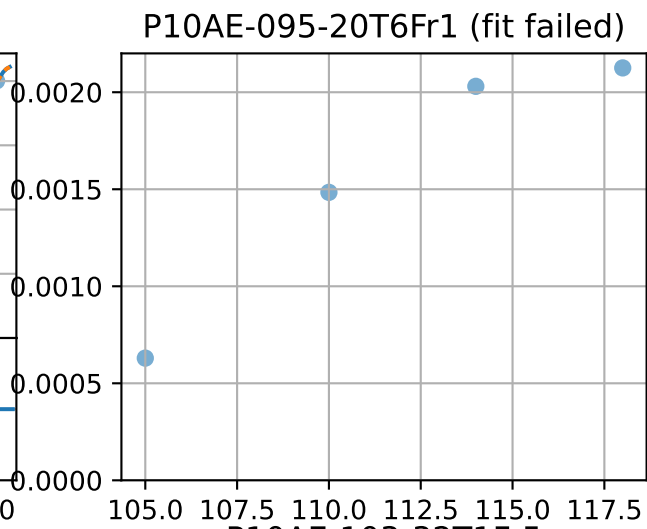
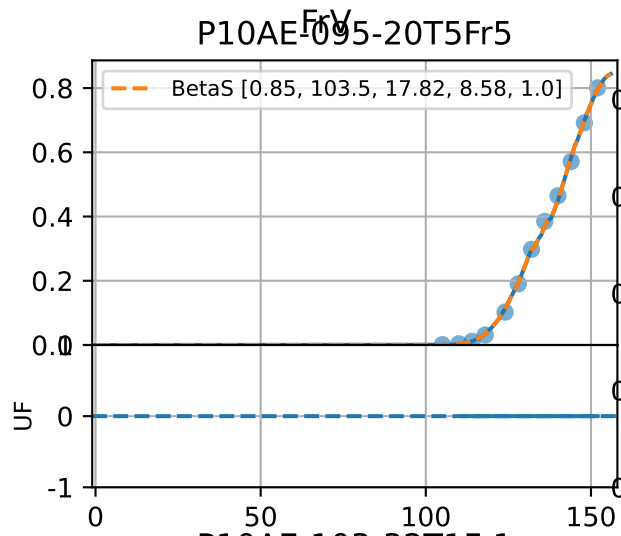
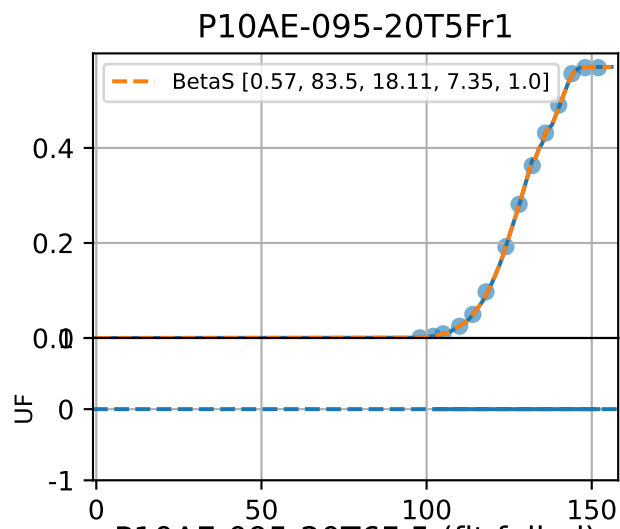


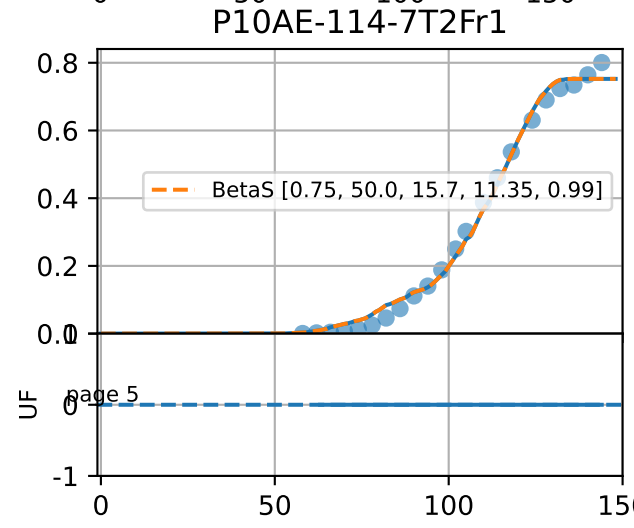
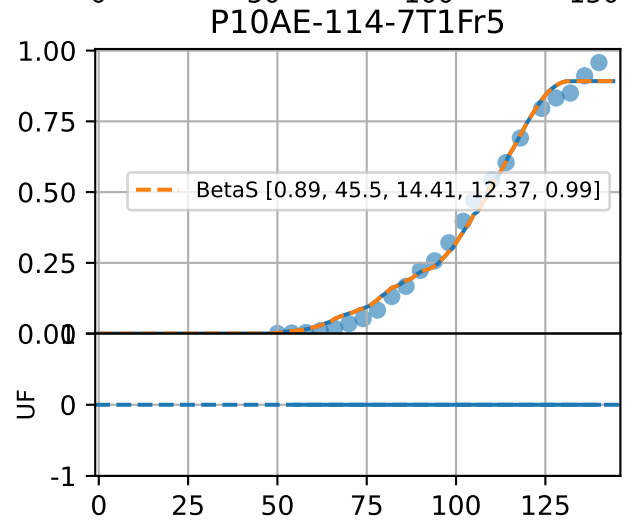
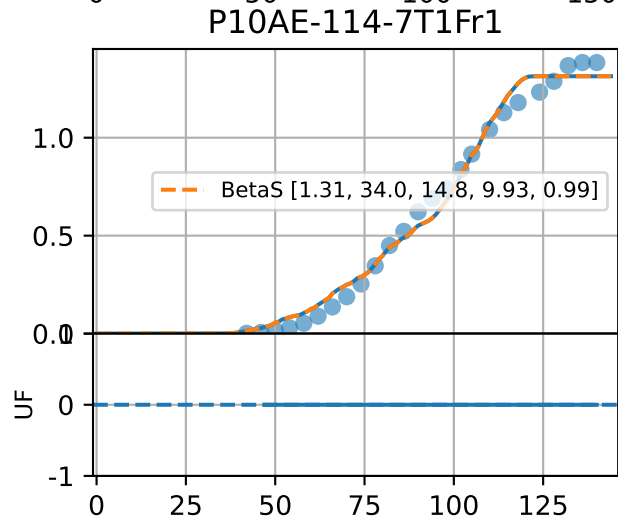
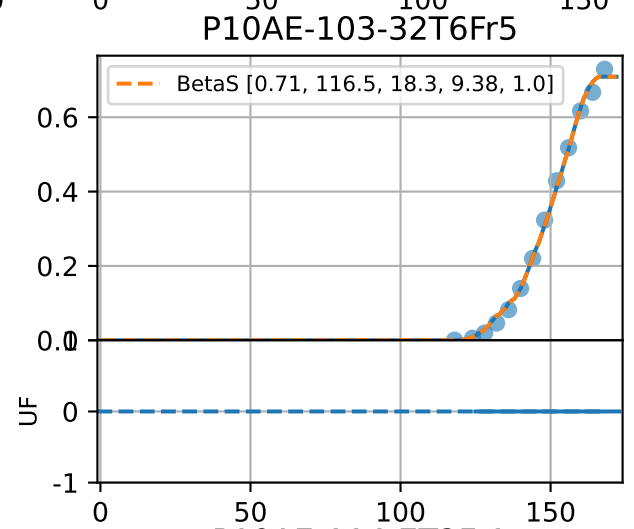
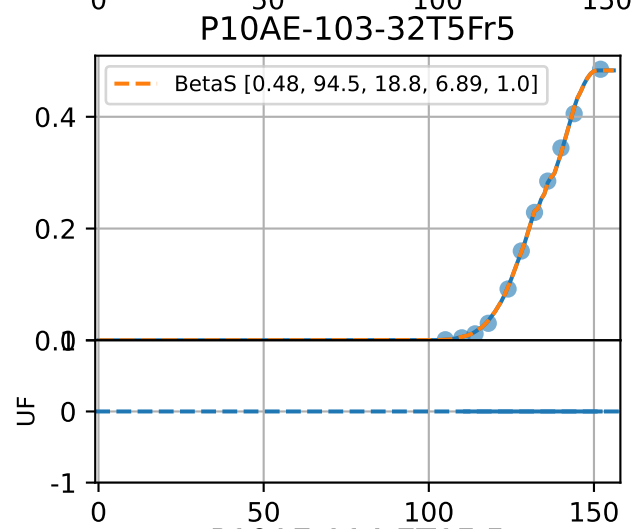
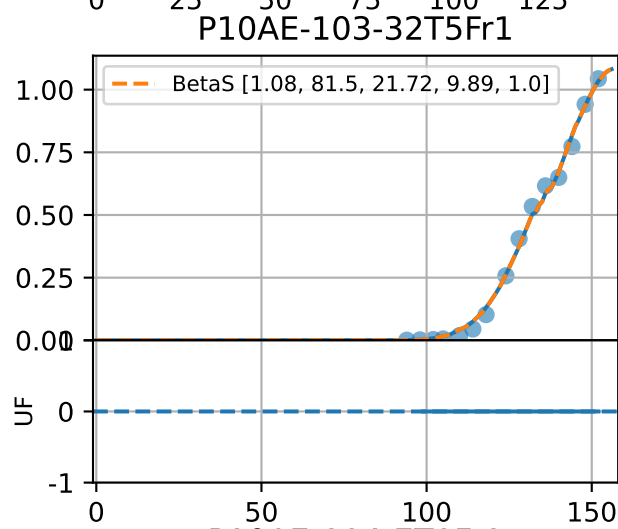
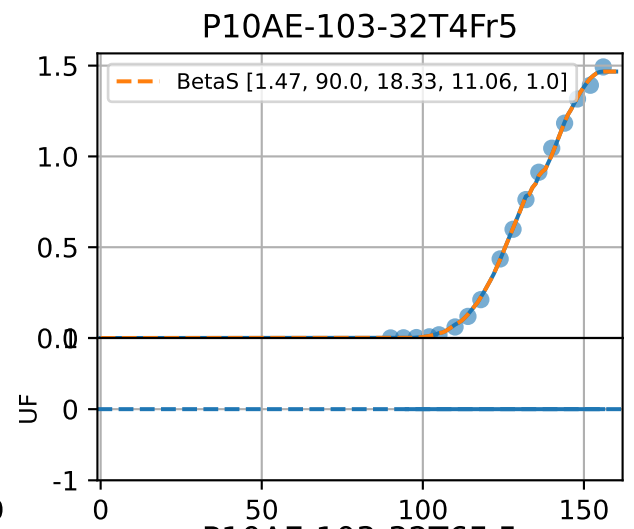
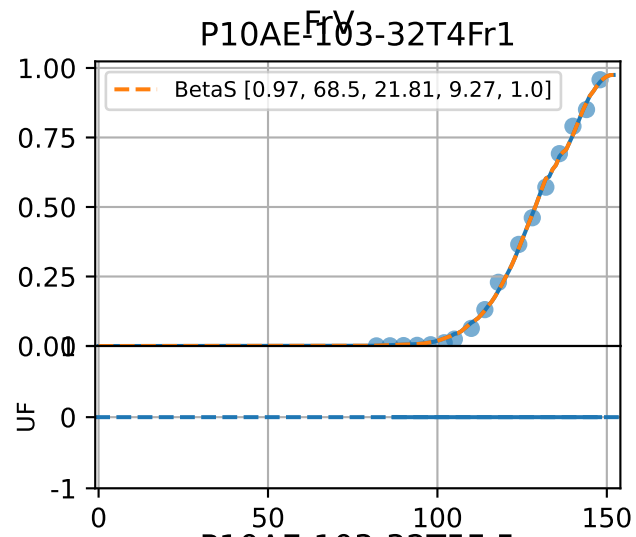
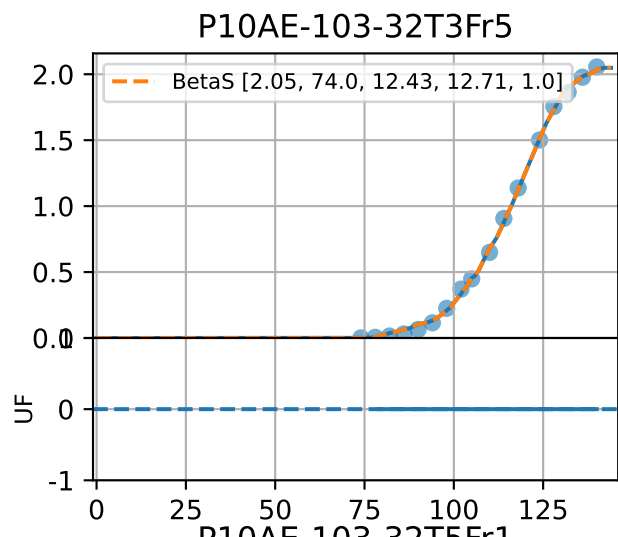
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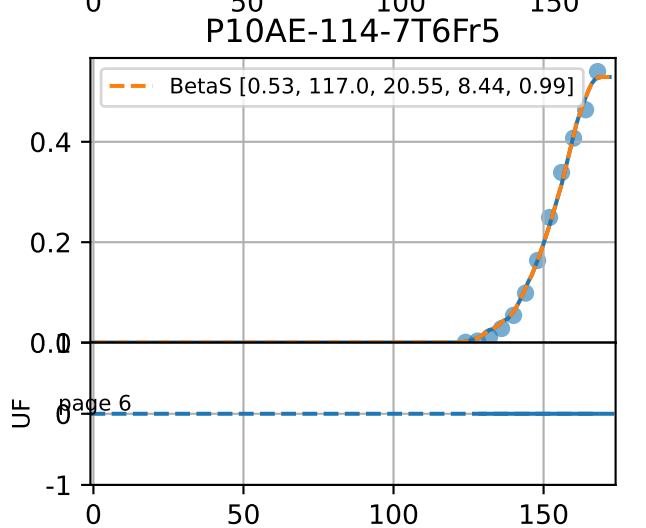
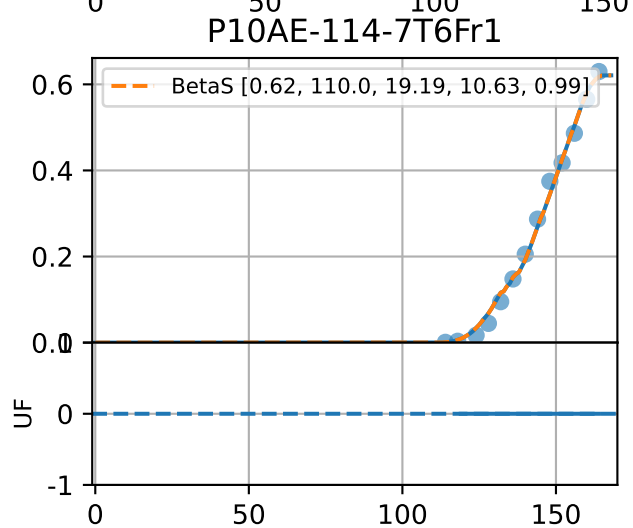
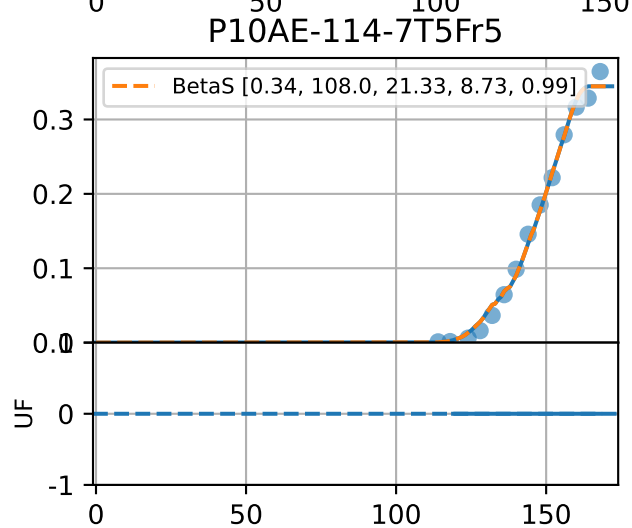
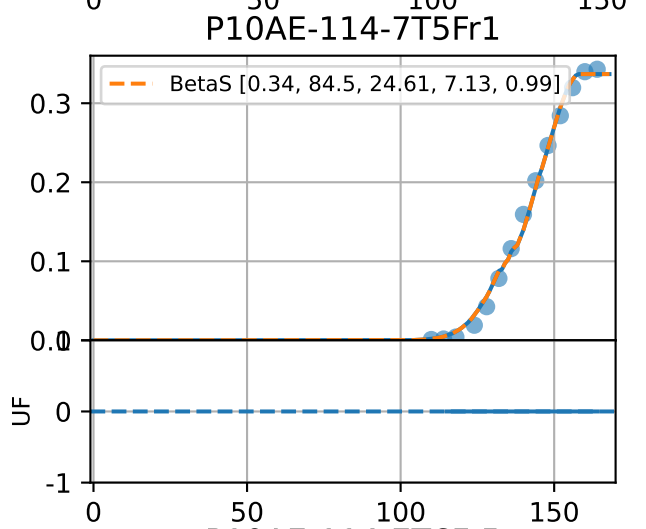
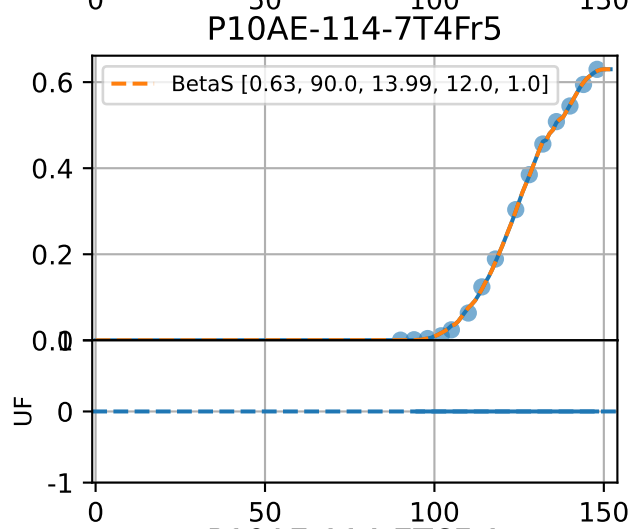
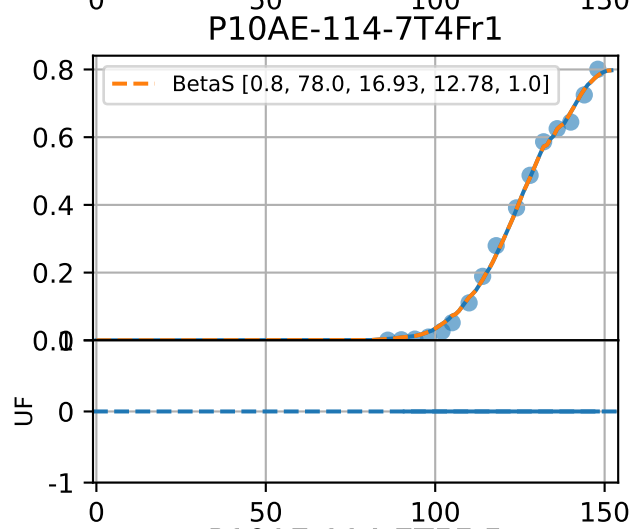
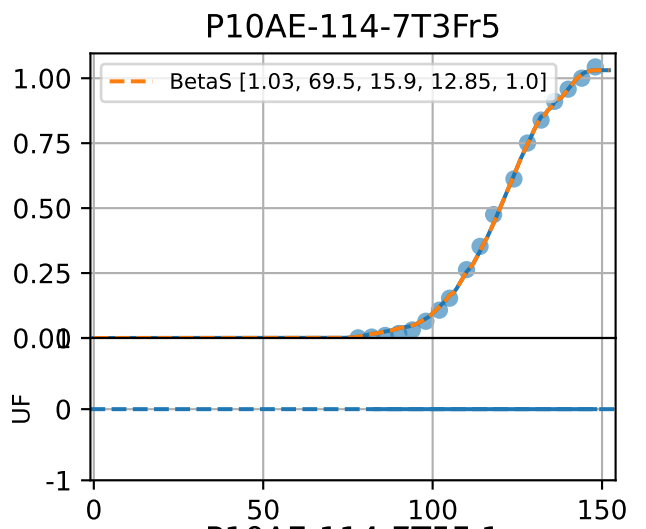
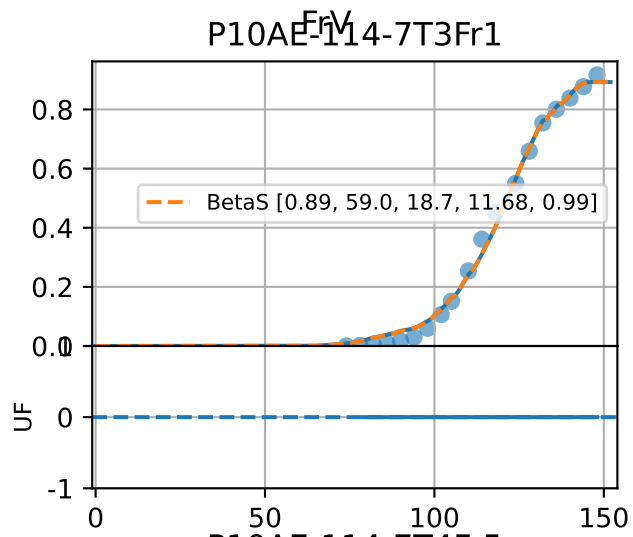
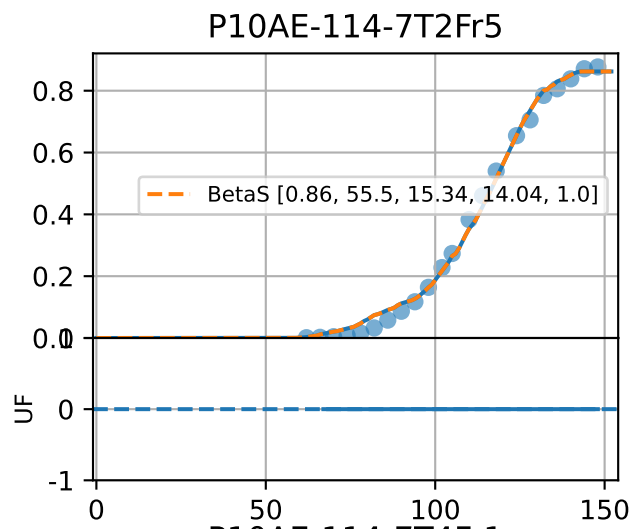


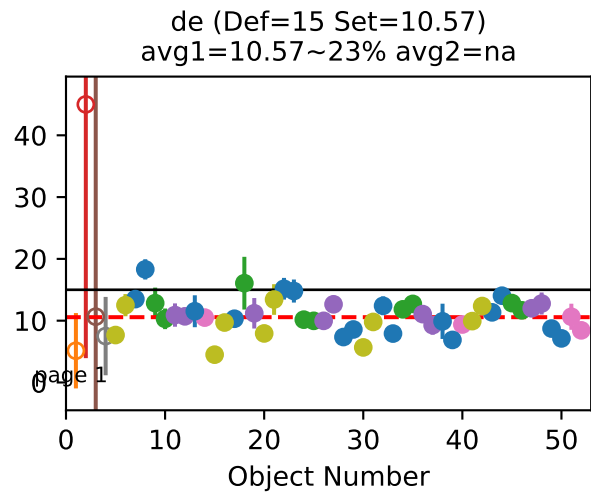
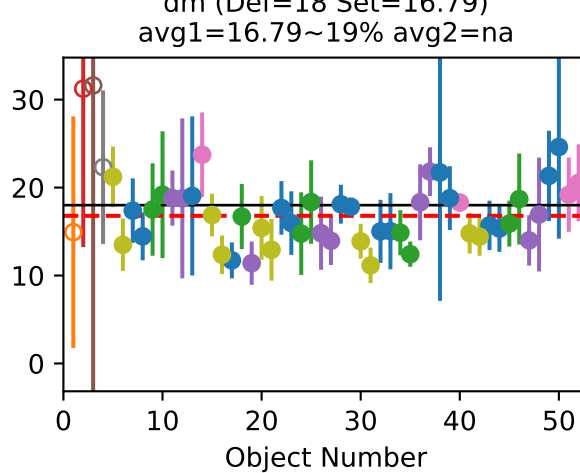
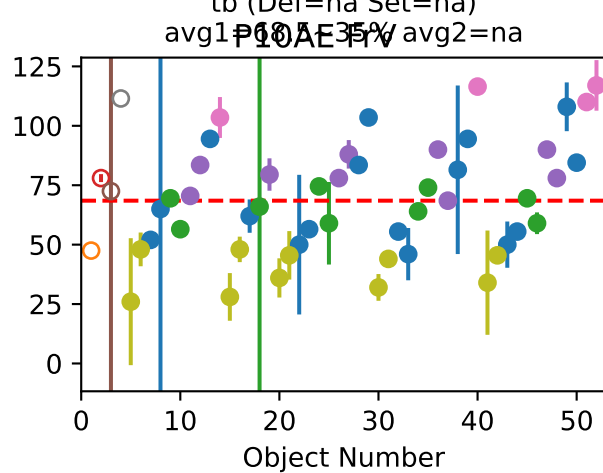
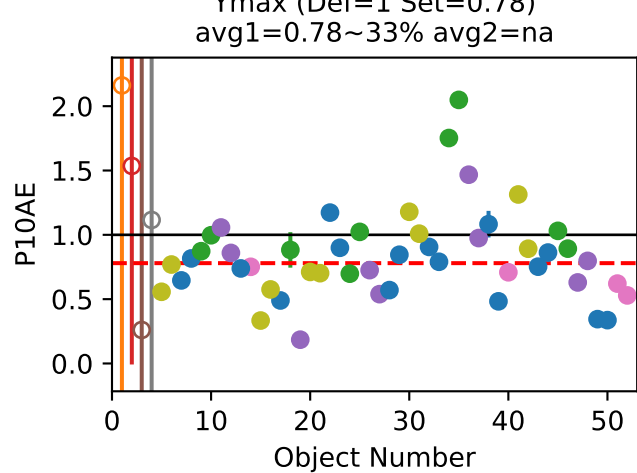
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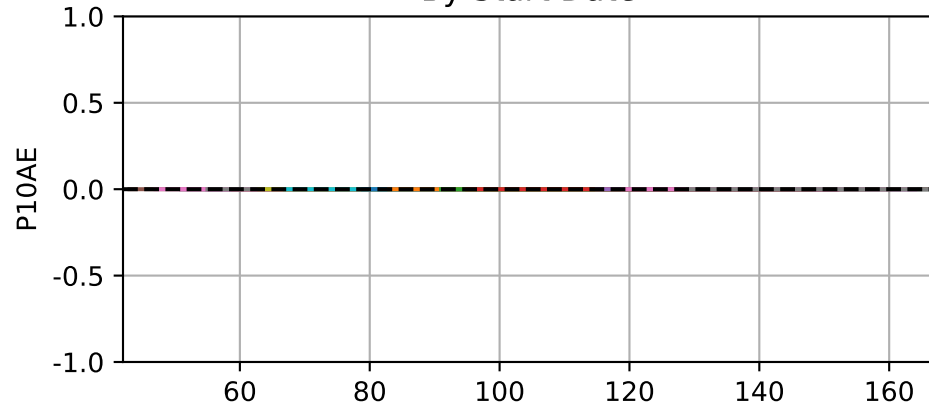




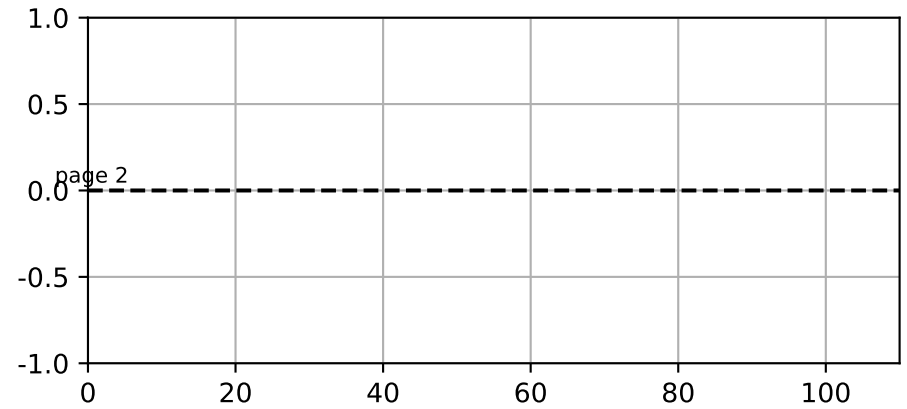
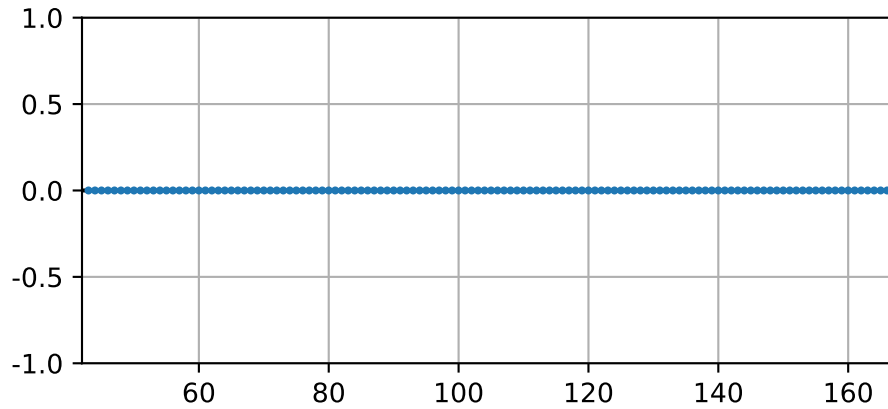
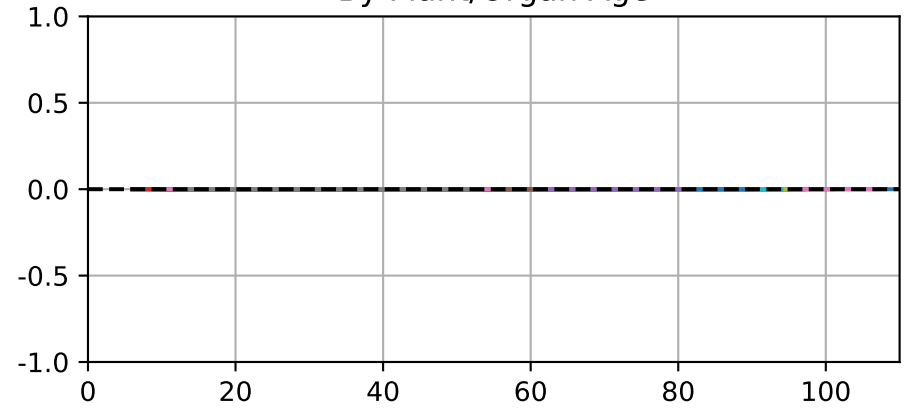


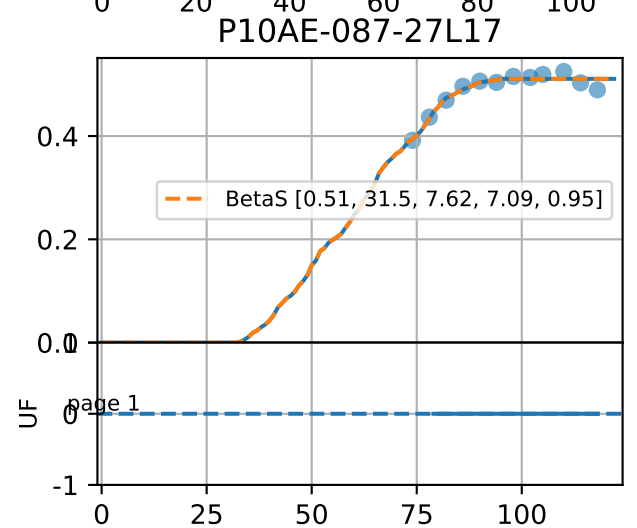
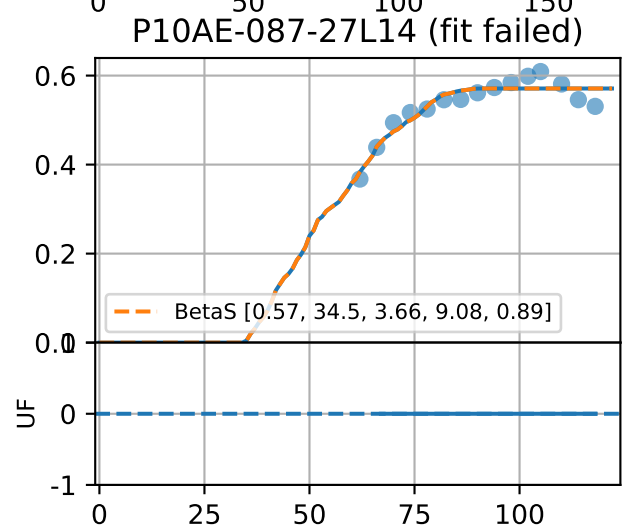
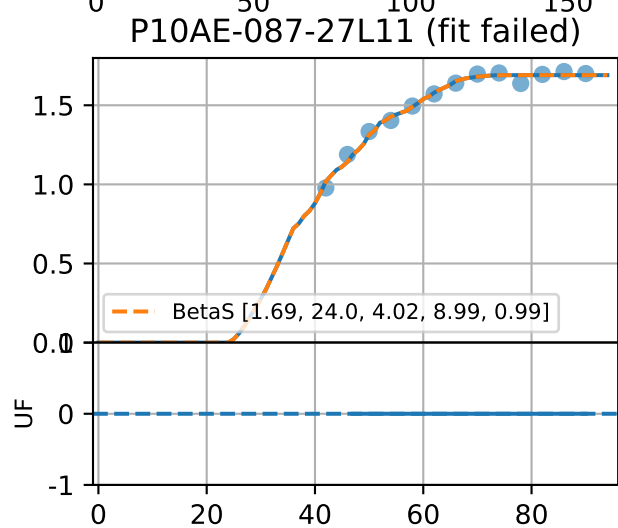
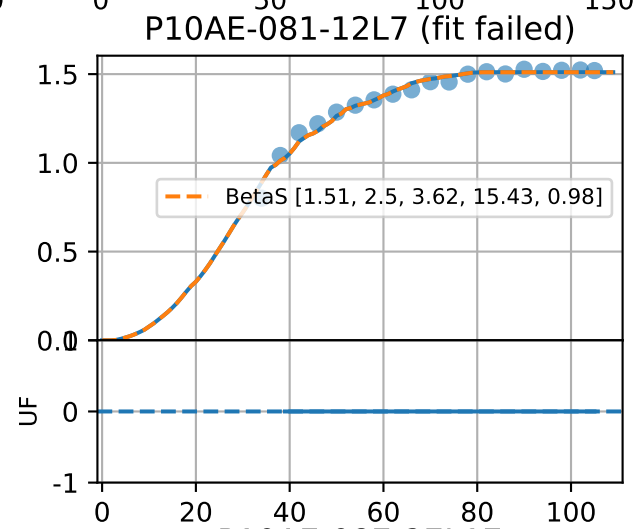
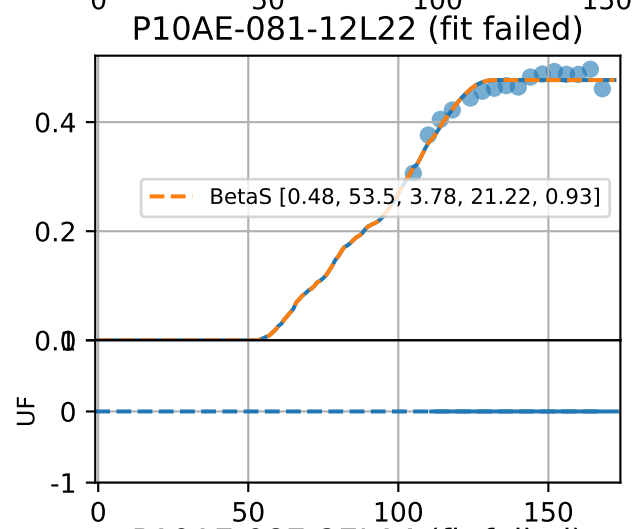
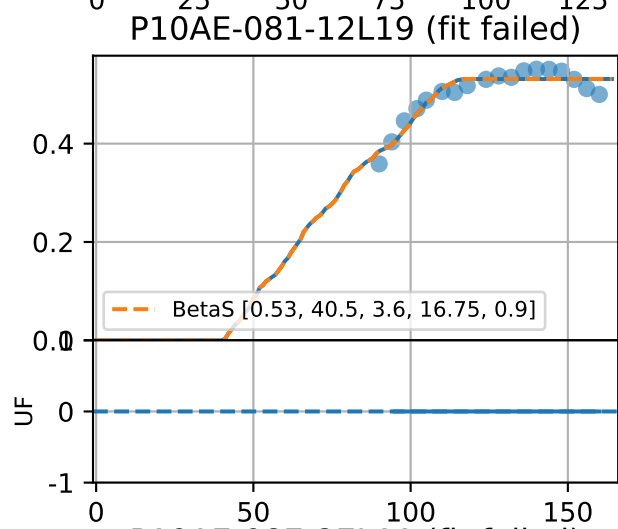
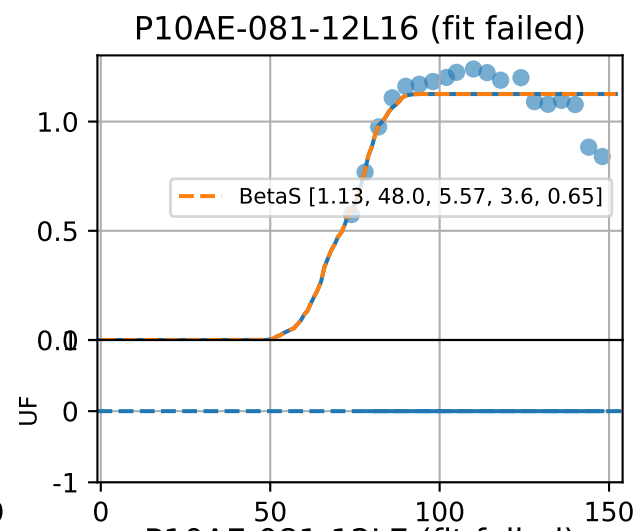
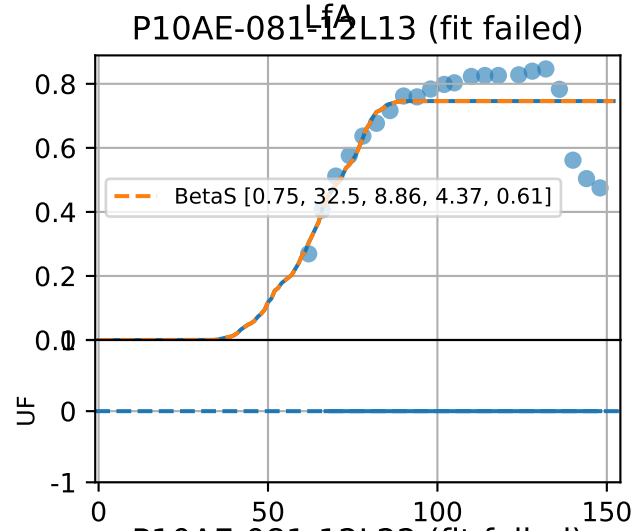
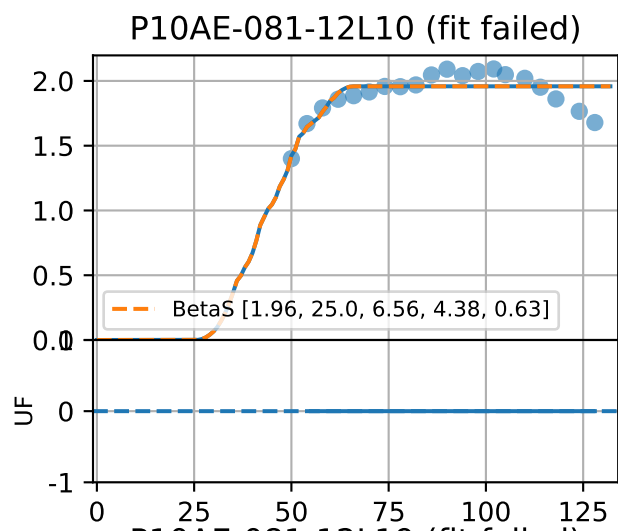


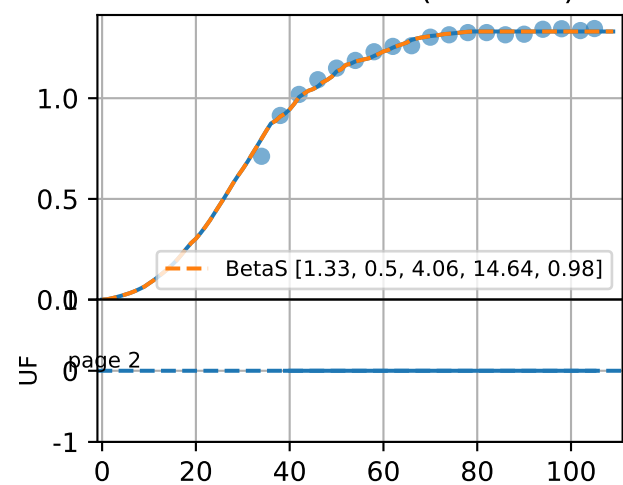
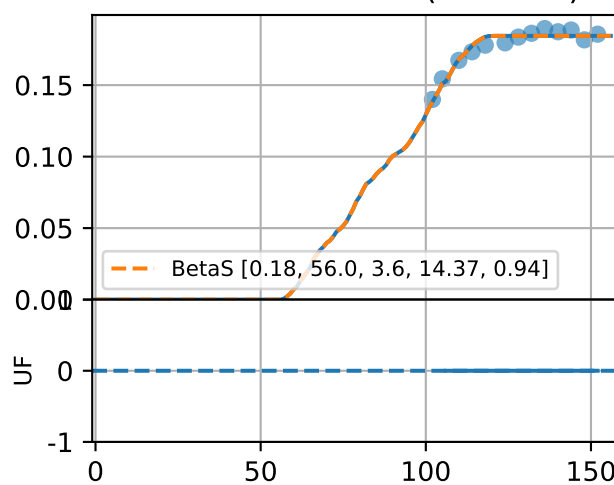
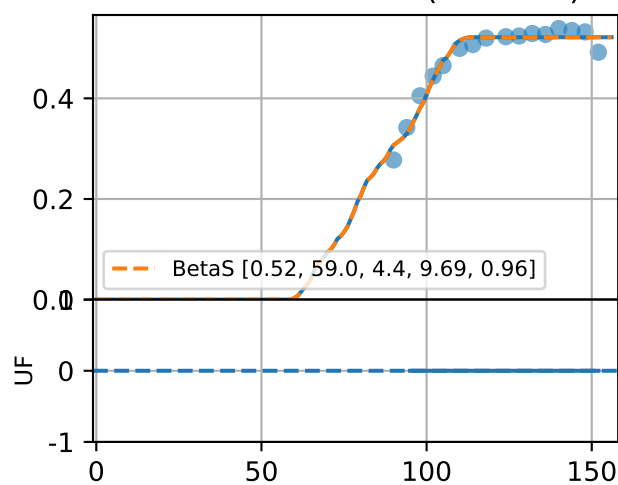
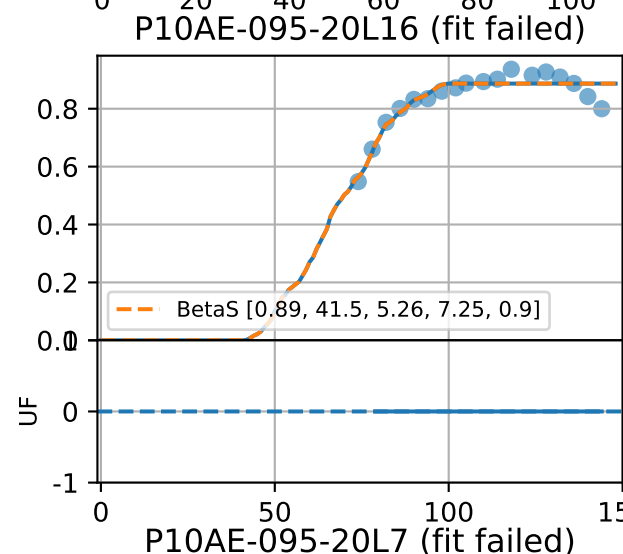
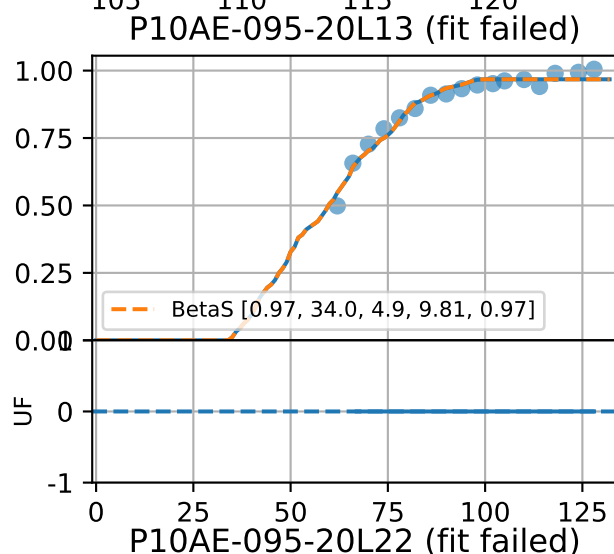
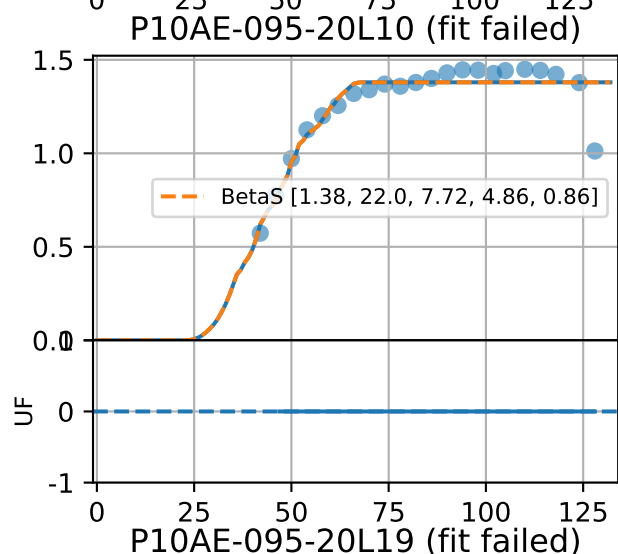
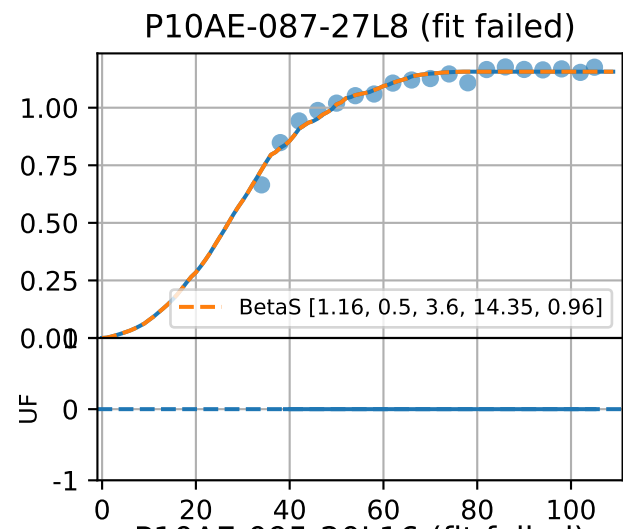
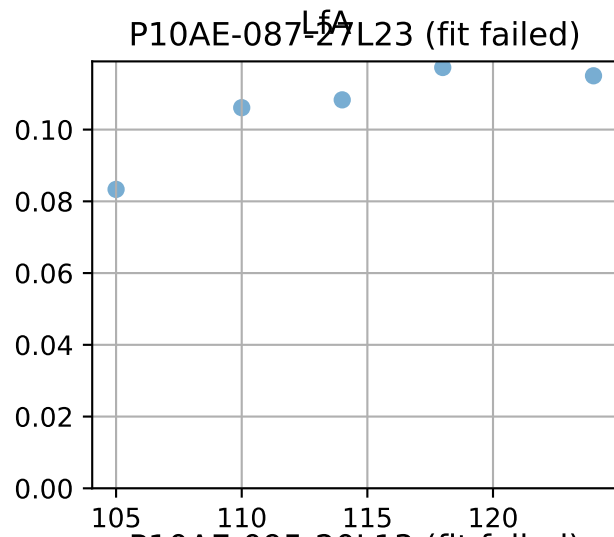
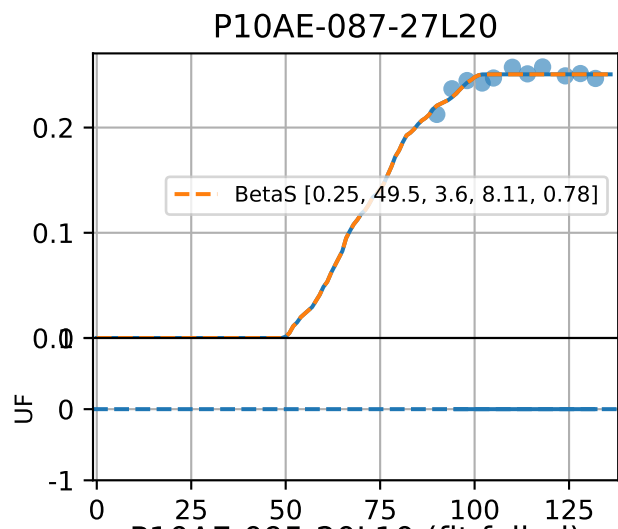
By Start Date

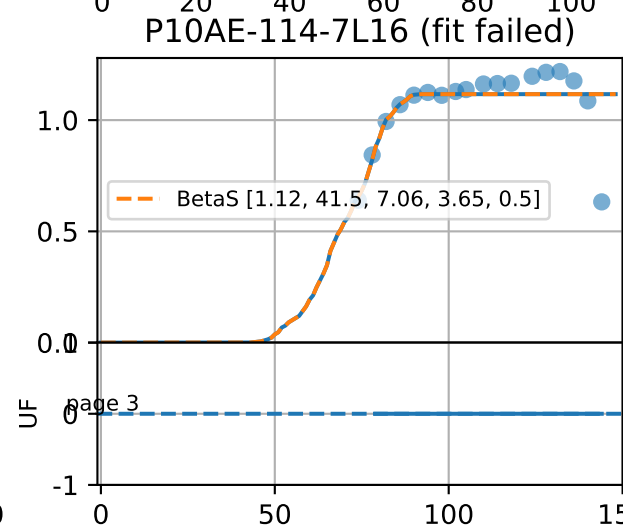
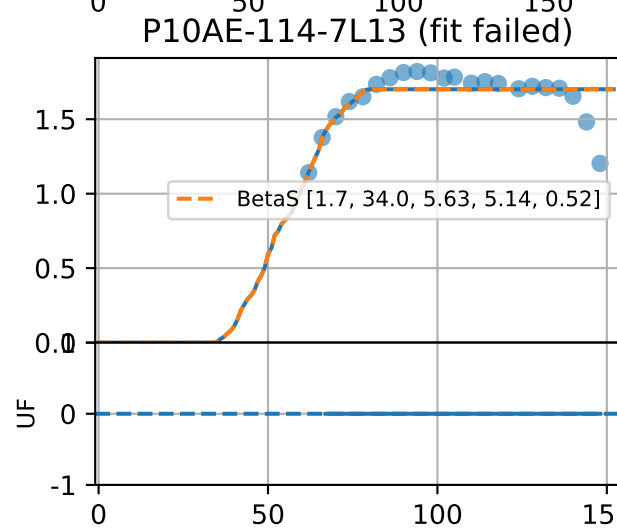
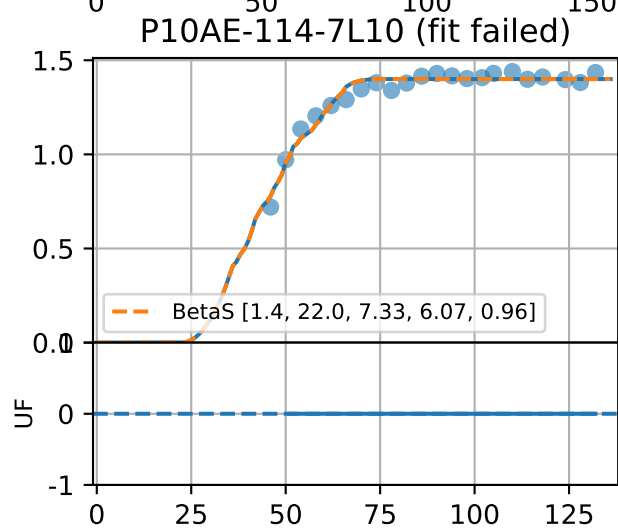
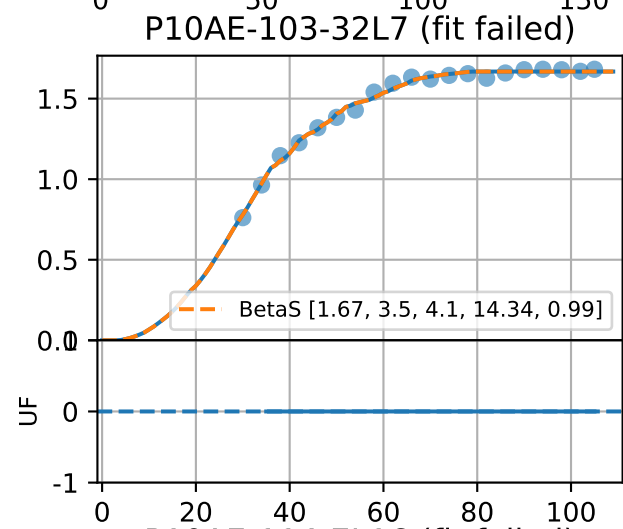
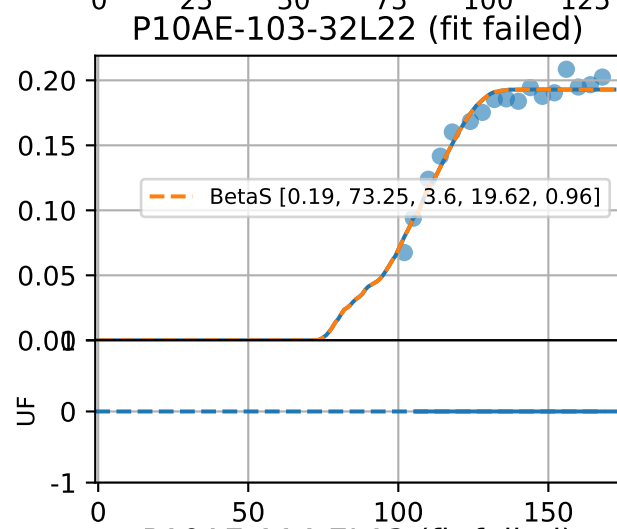
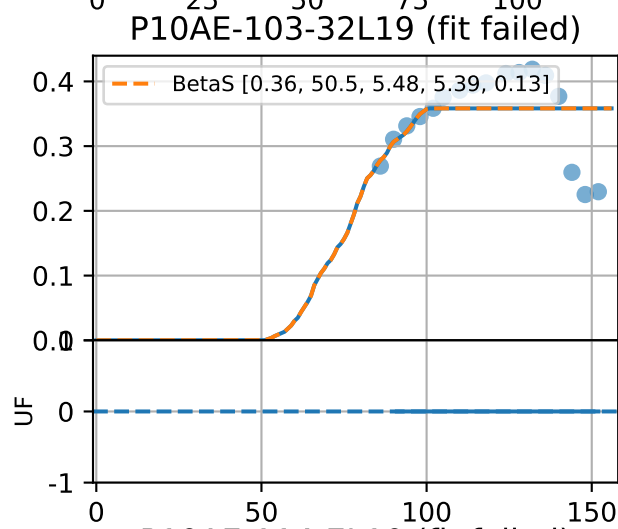
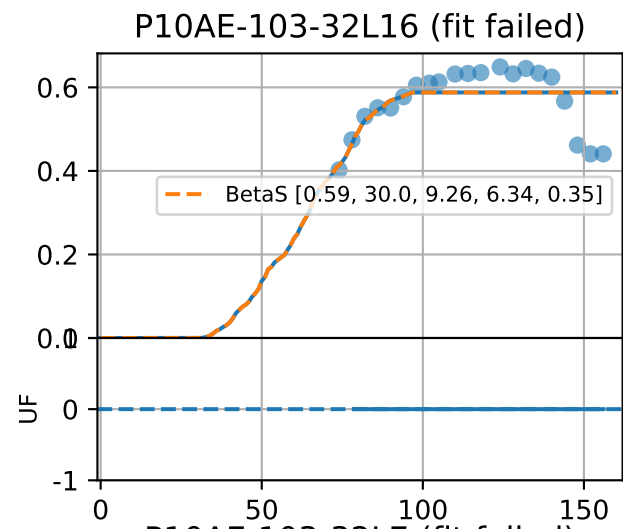
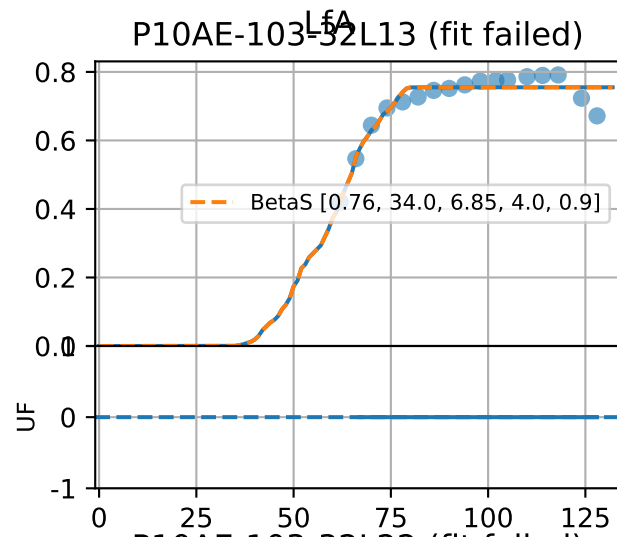
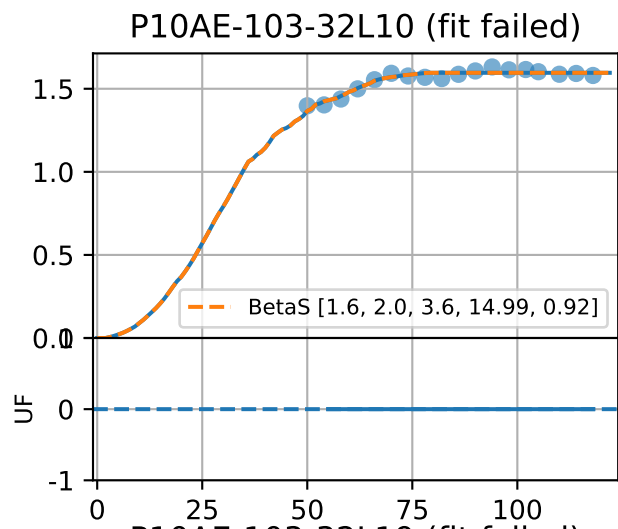


By Plant/Organ Age

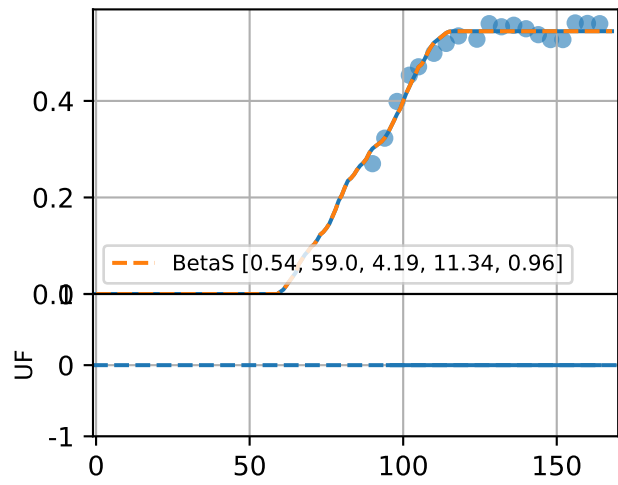




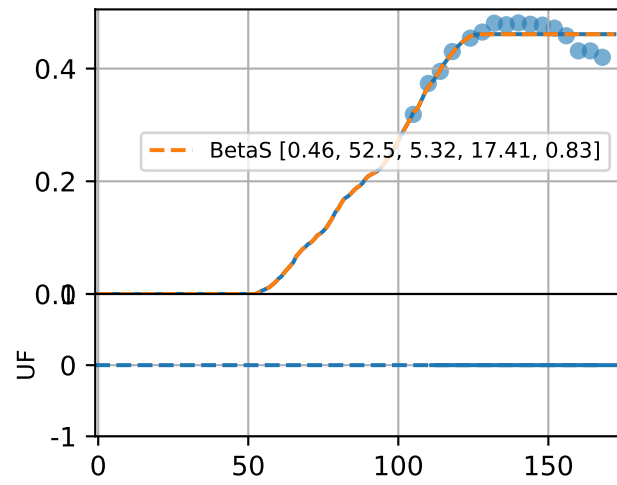




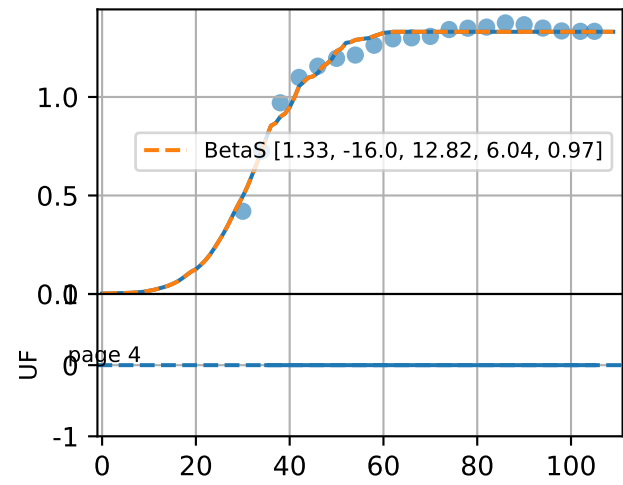
P10AE-114-7L19 (fit failed)



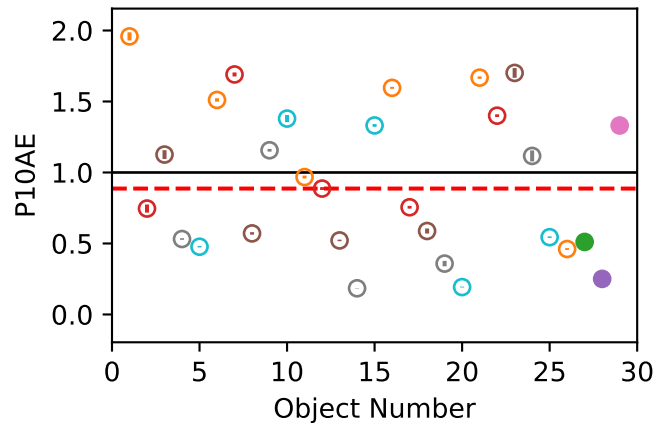
P10AE-114-7L22 (fit failed)



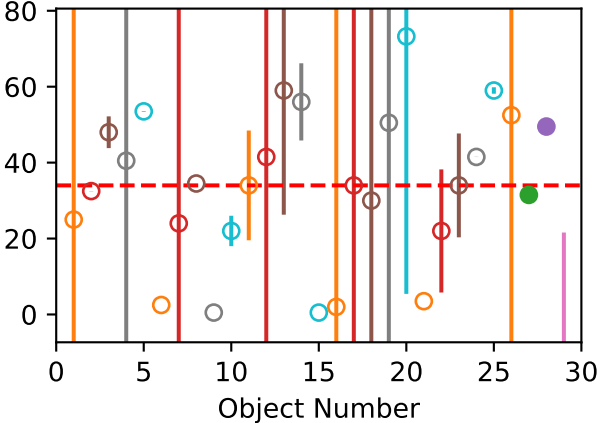
P10AE-114-7L7



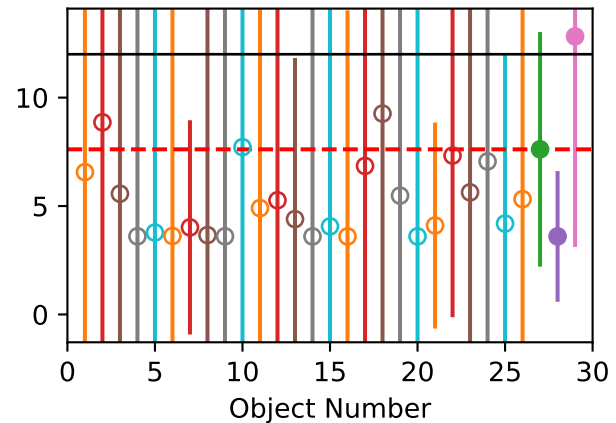
fm (Def=1 Set=0.89)
avg1=0.89~59% avg2=na



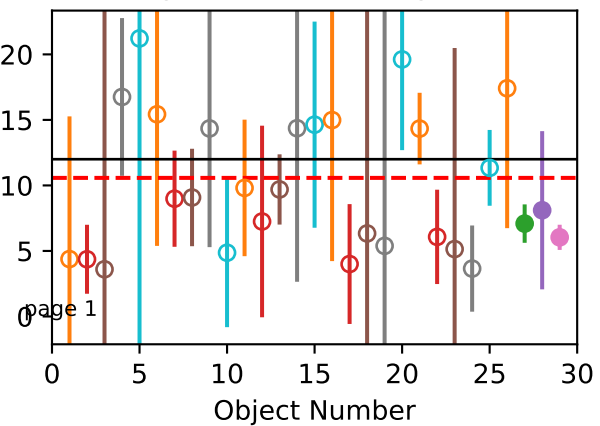
tb (Def=na Set=na)
avg1=14.71~71% avg2=na



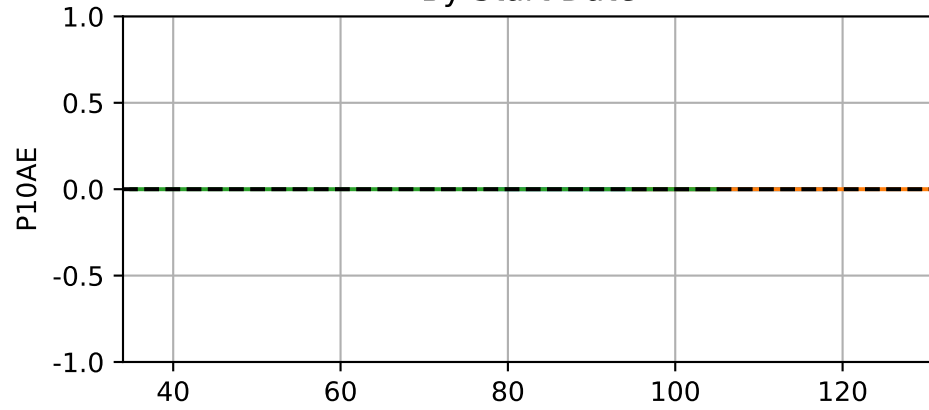
dm (Def=12 Set=12)
avg1=7.62~61% avg2=na



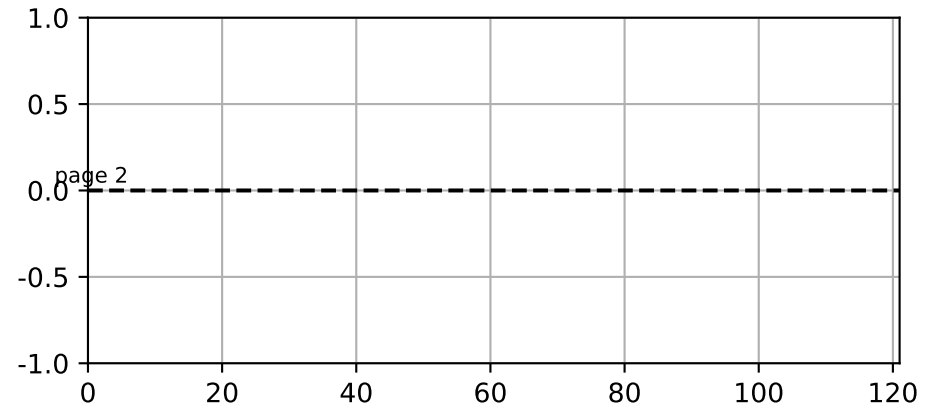
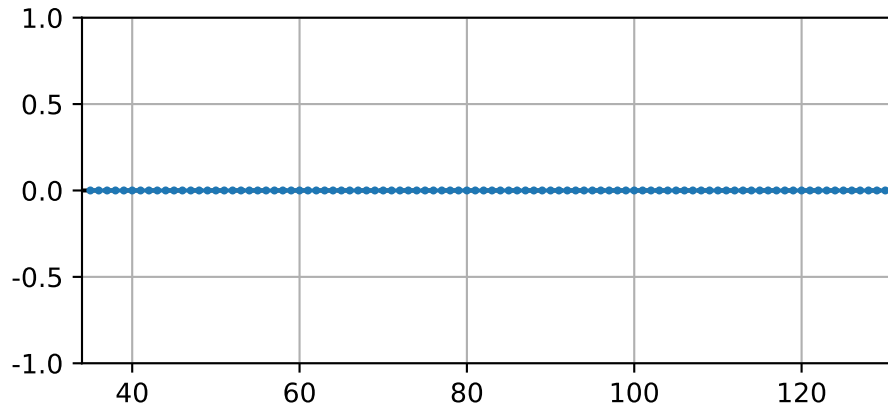
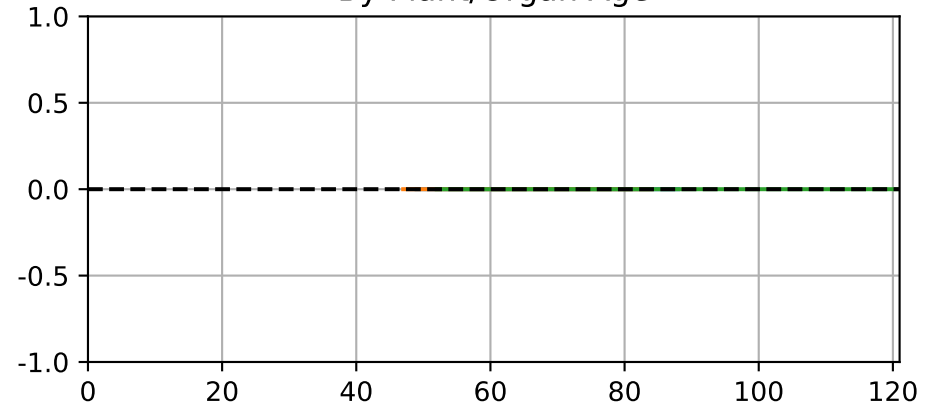
de (Def=12 Set=10.58)
avg1=10.58~44% avg2=na

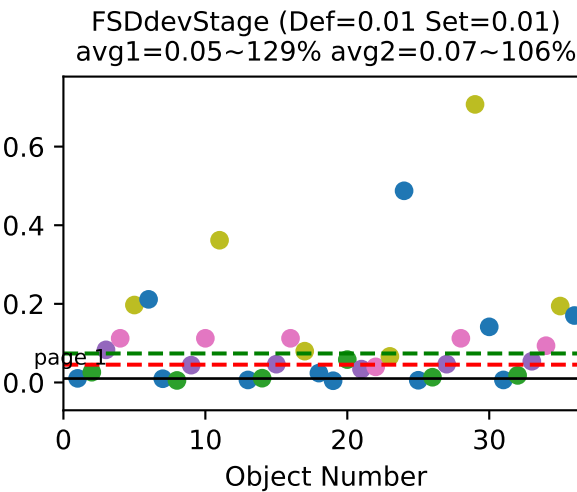
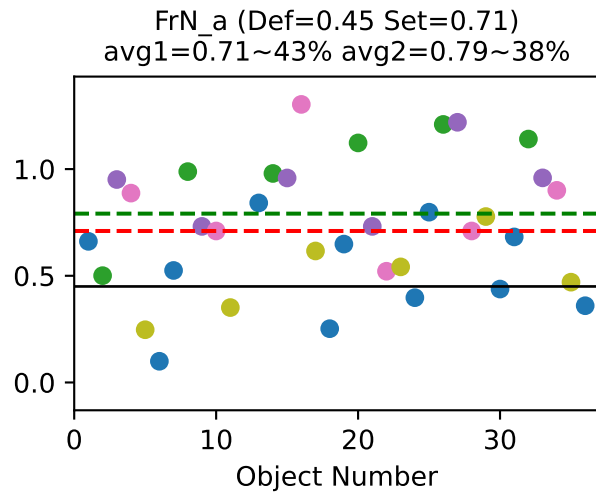
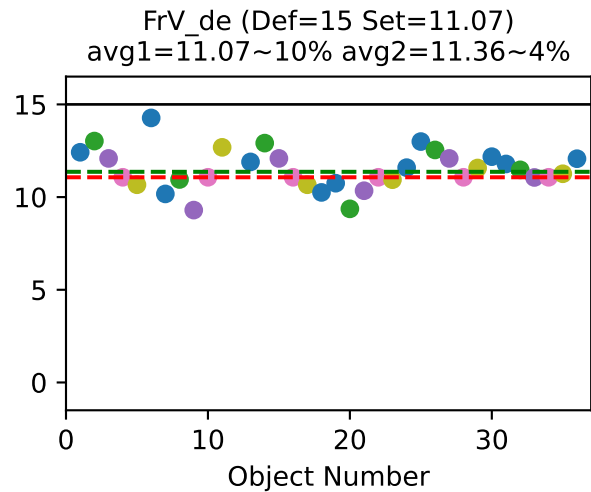
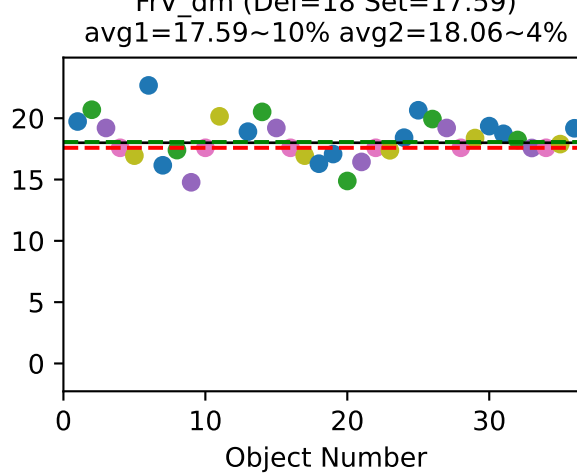
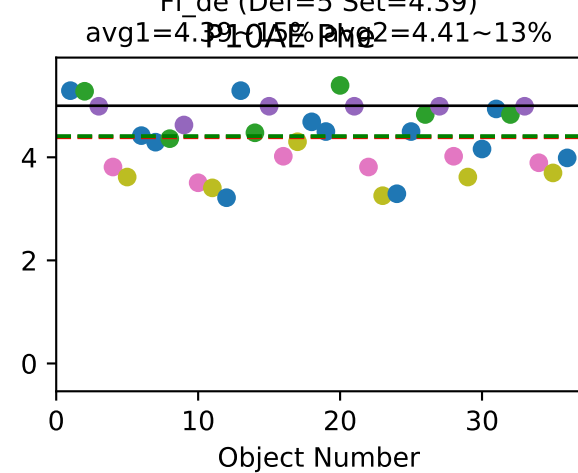
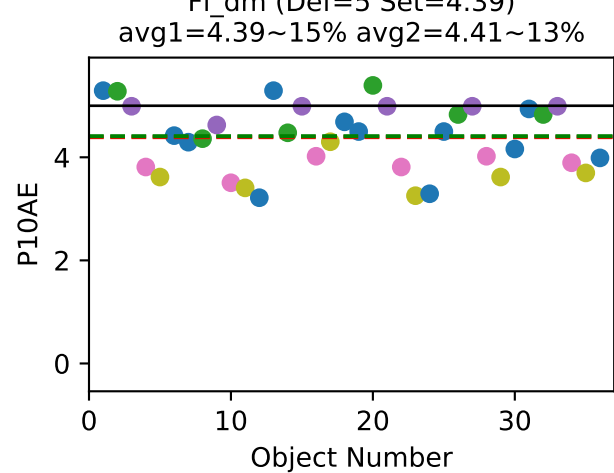


By Start Date

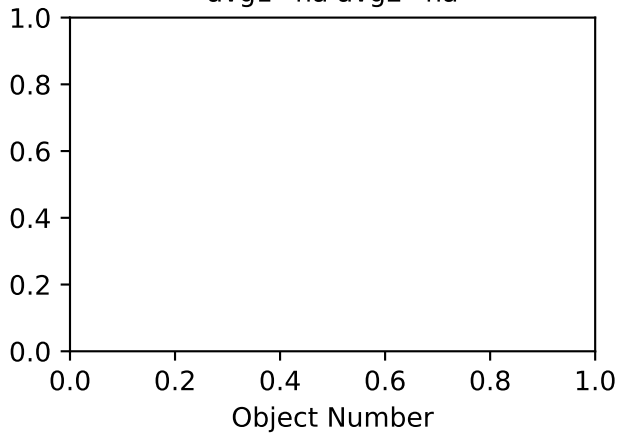


By Plant/Organ Age

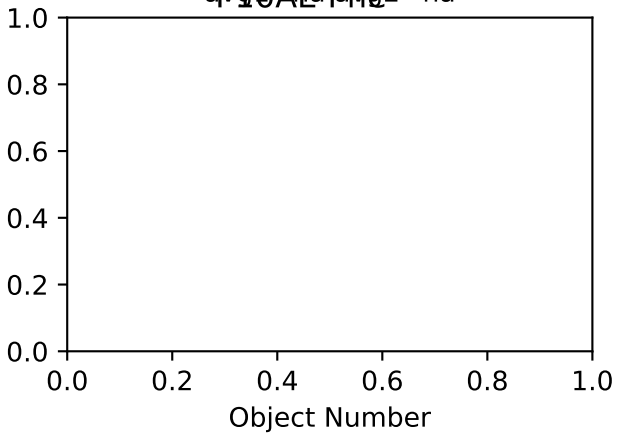




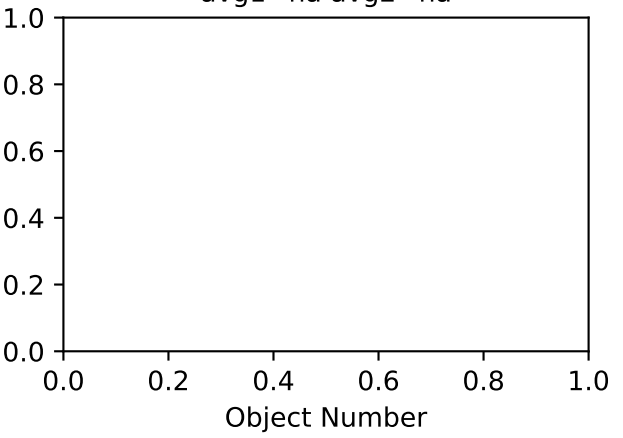
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



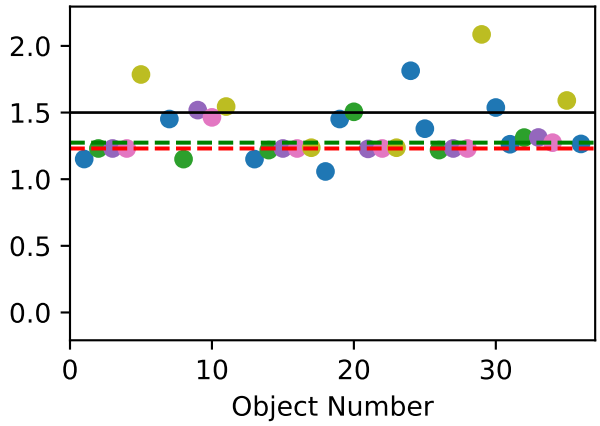
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



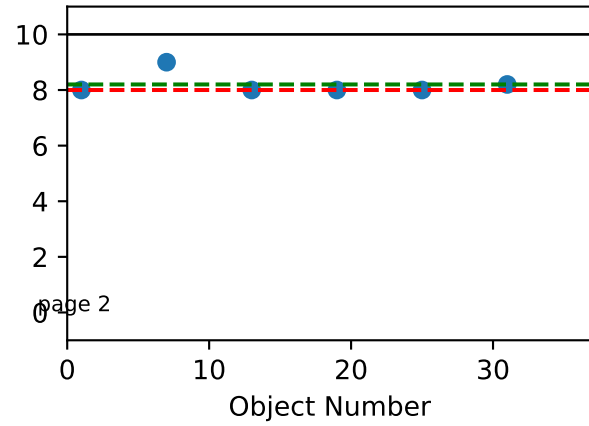
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



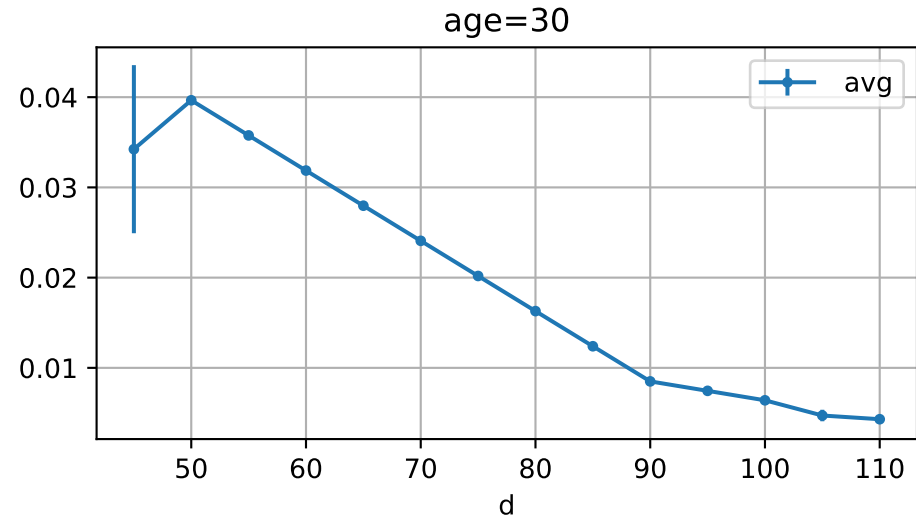
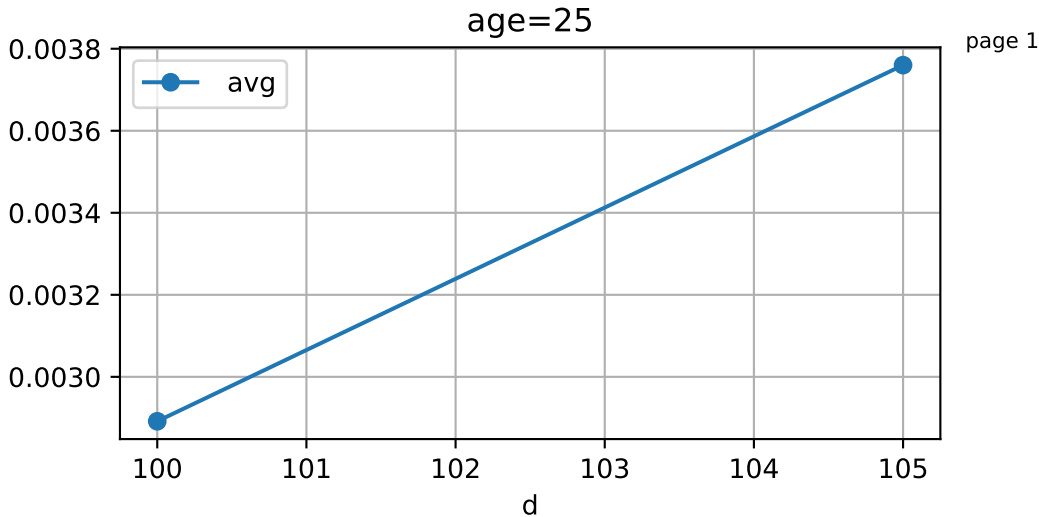
FHDdevStage (Def=1.5 Set=1.23)
avg1=1.23~16% avg2=1.27~2%



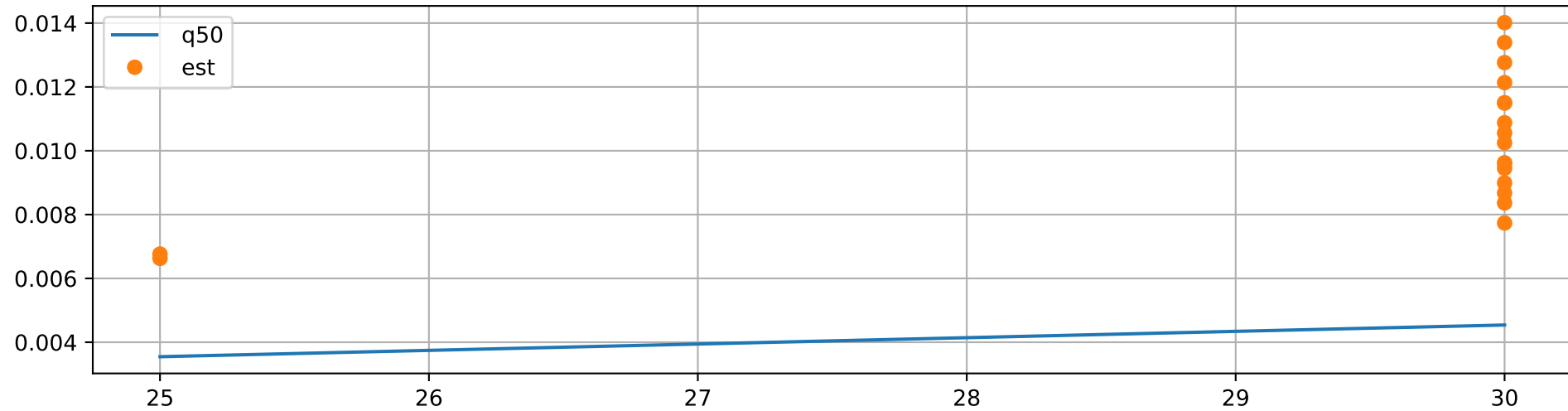
NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=8.2



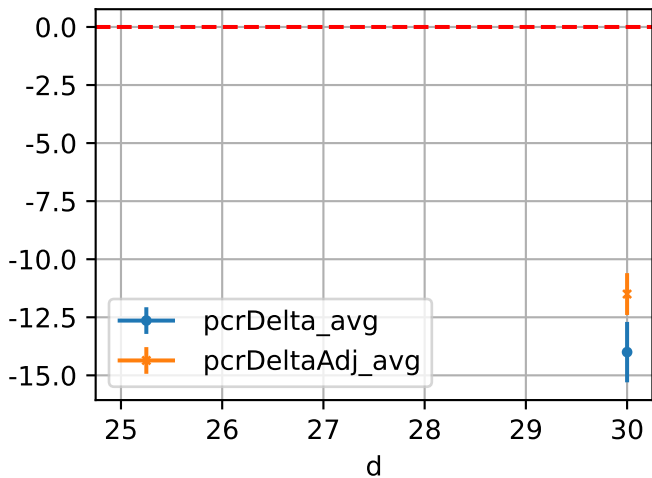
LfA: avg vs. d at each age group



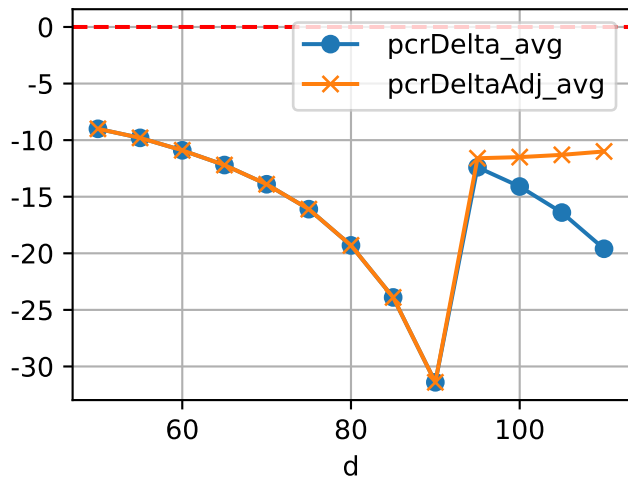
LfA: model est vs obsOv@Q50



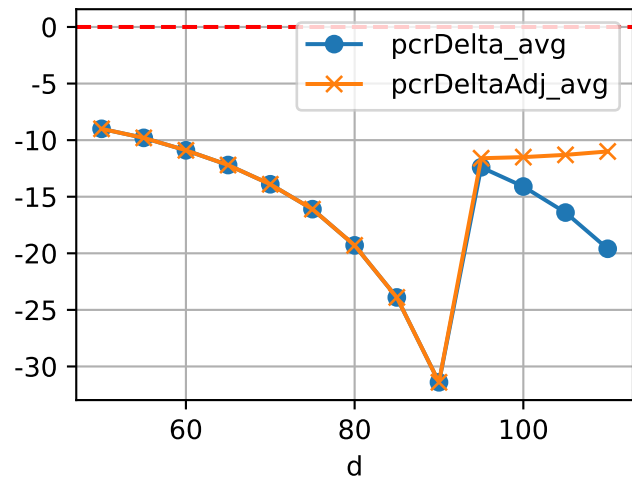
DeltaTypeAbbr=GrpByAge



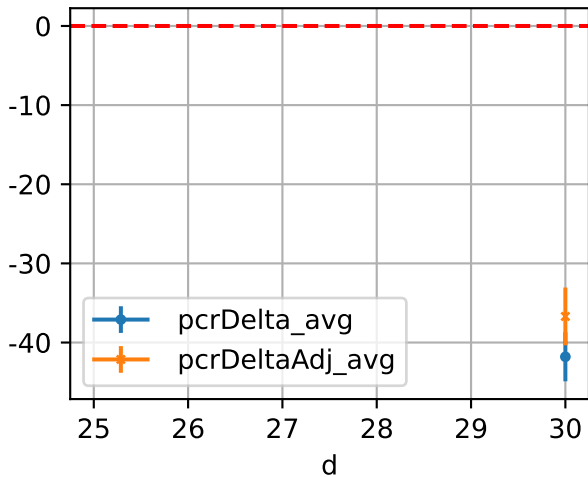
DeltaTypeAbbr=GrpByDay



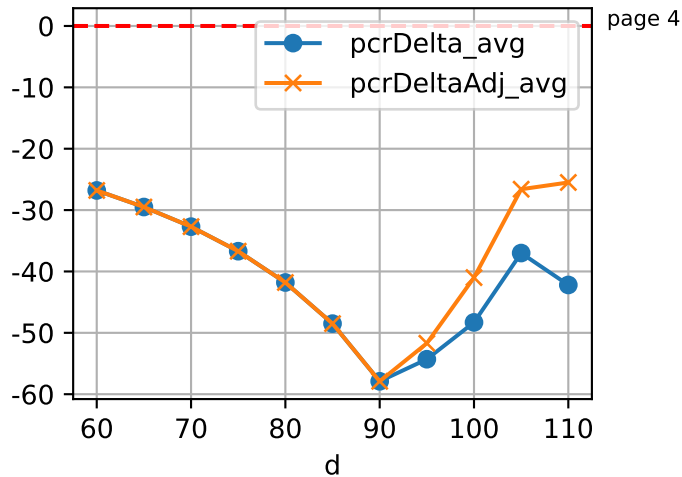
DeltaTypeAbbr=WeiAvgByD



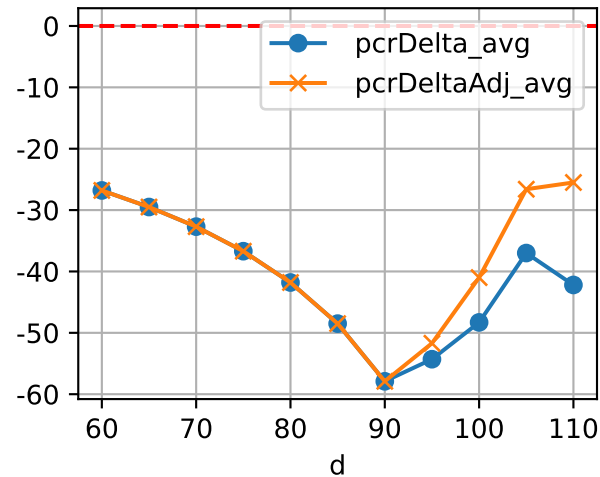
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

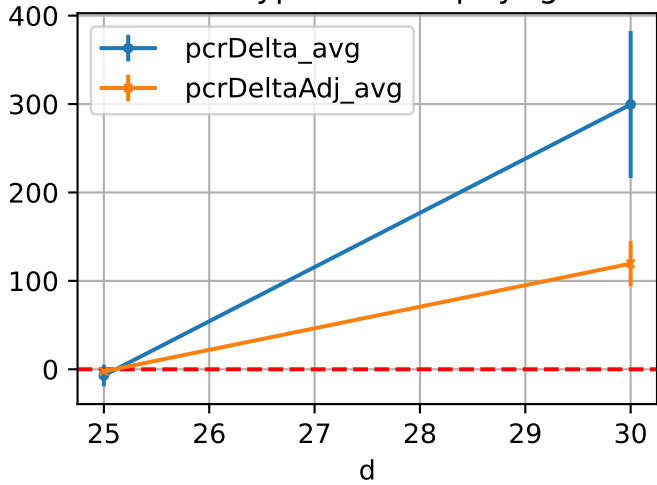


DeltaTypeAbbr=WeiAvgByD

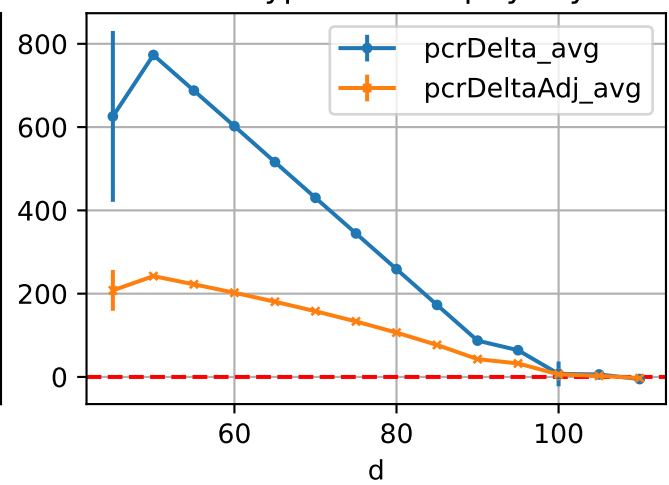


P10AE LfA: D_Q50_LfA

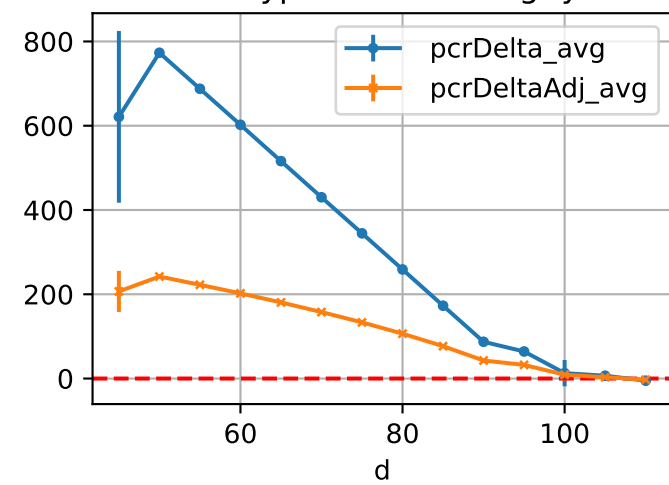
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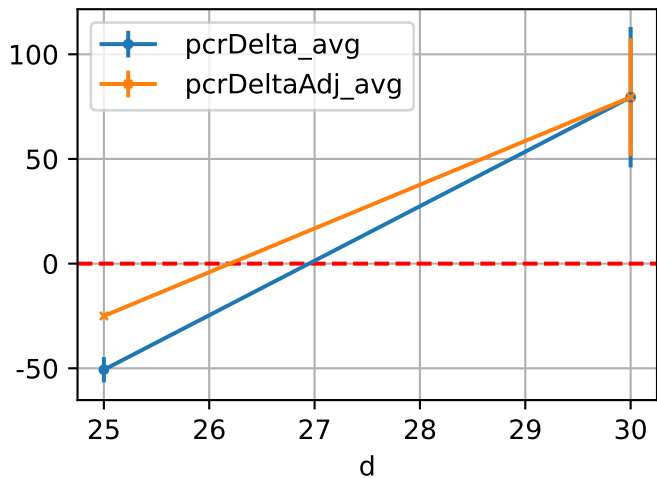
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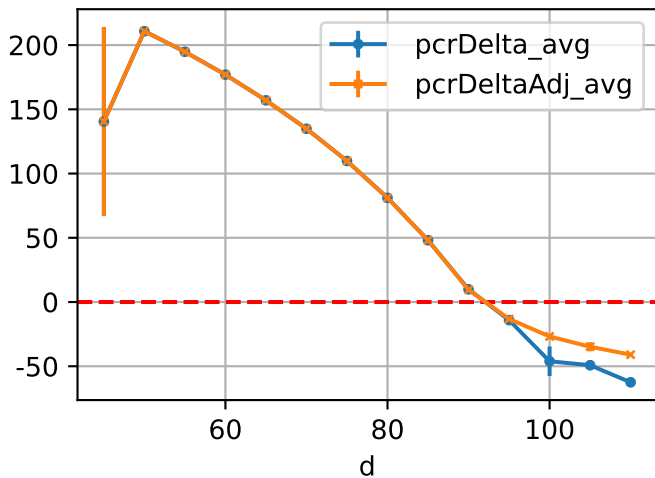
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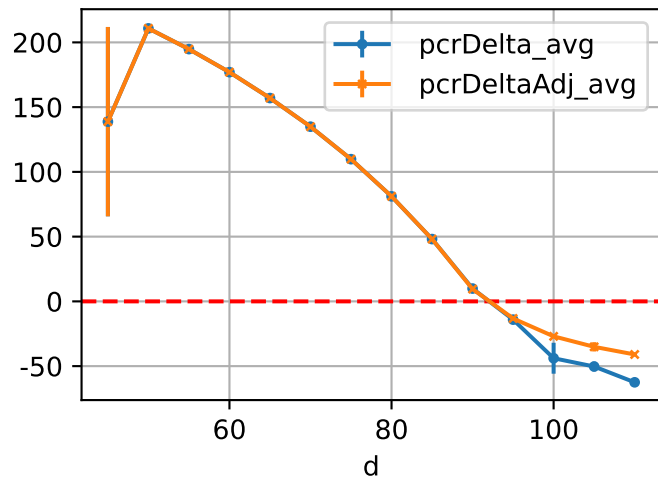
DeltaTypeAbbr=GrpByAge



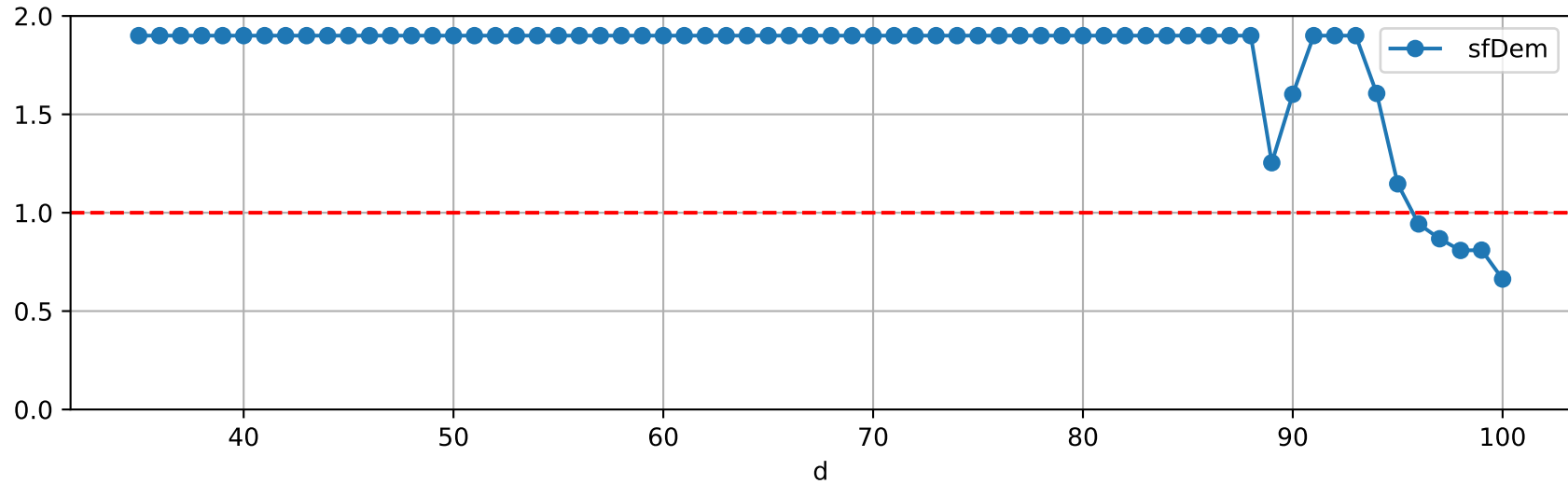
DeltaTypeAbbr=GrpByDay

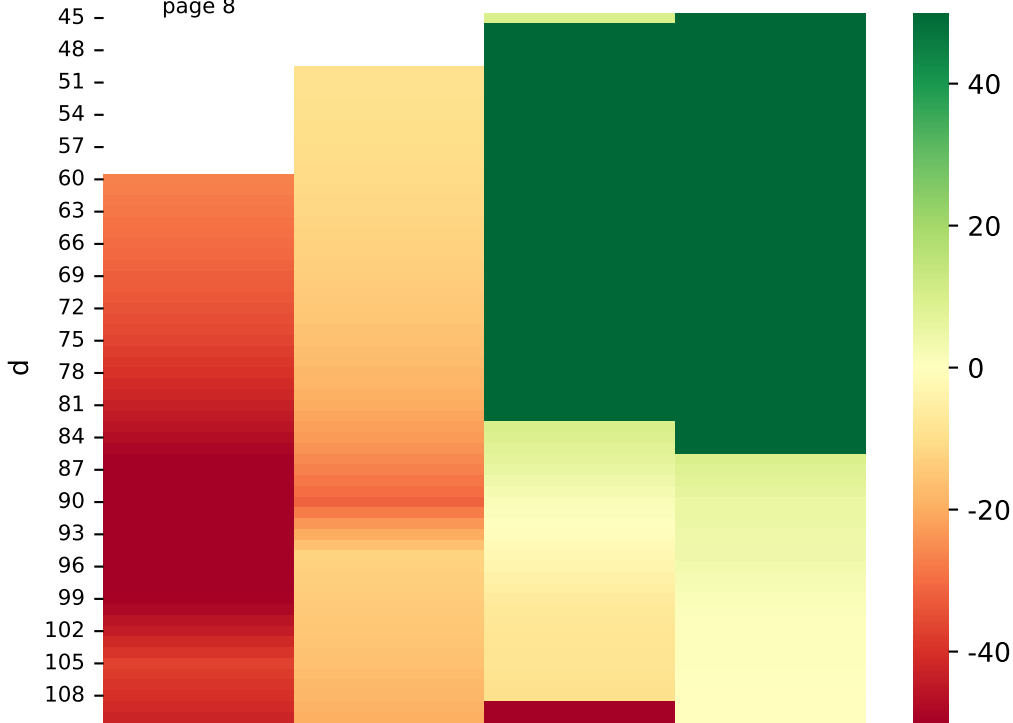


DeltaTypeAbbr=WeiAvgByD



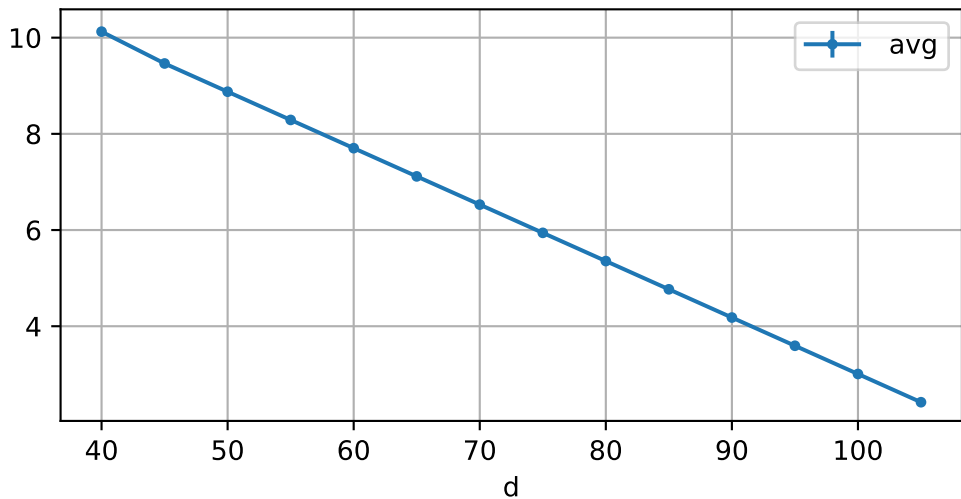
LfA: sfDem



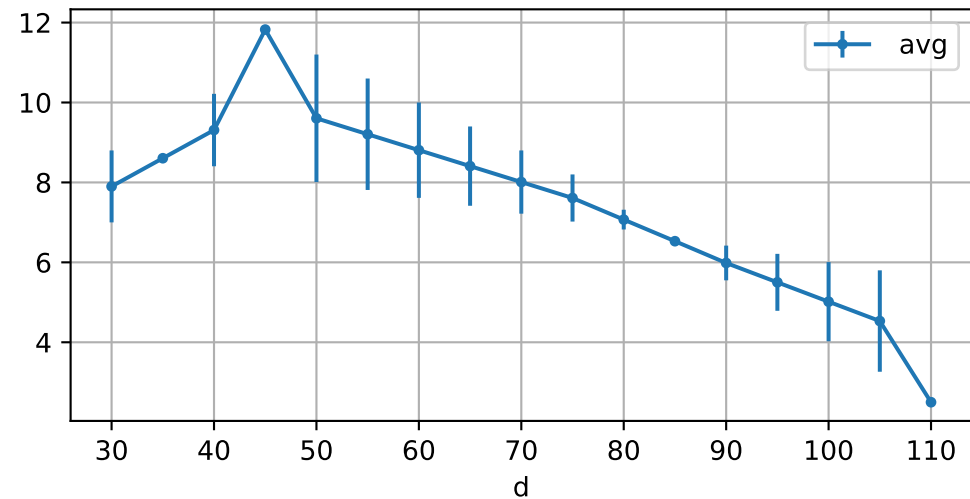


NdD: avg vs. d at each age group

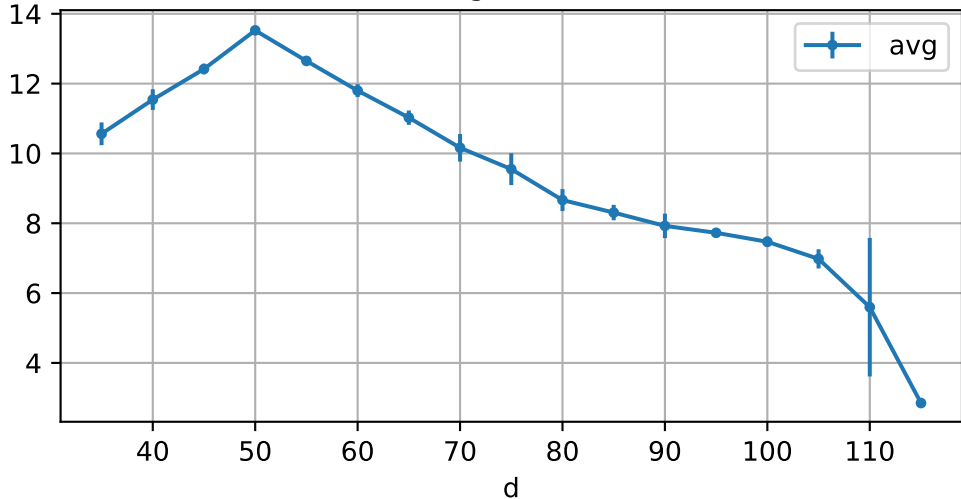
age=25



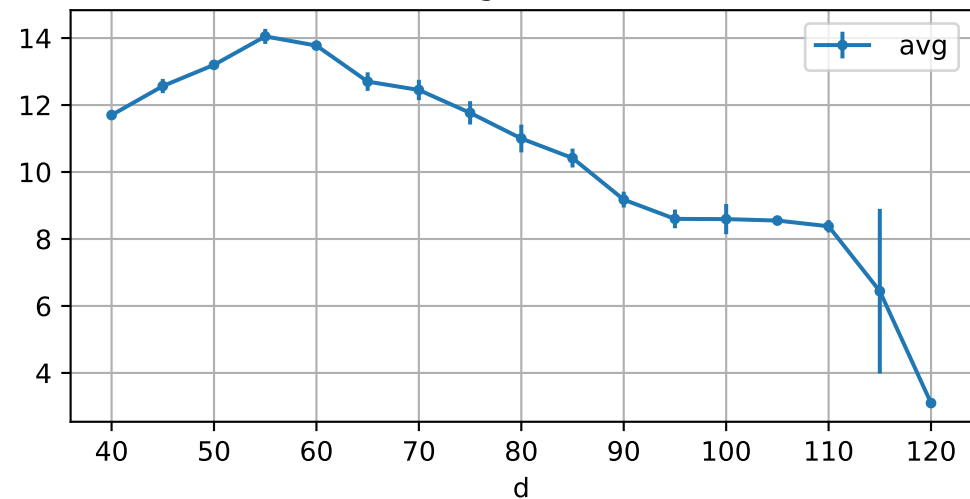
age=30



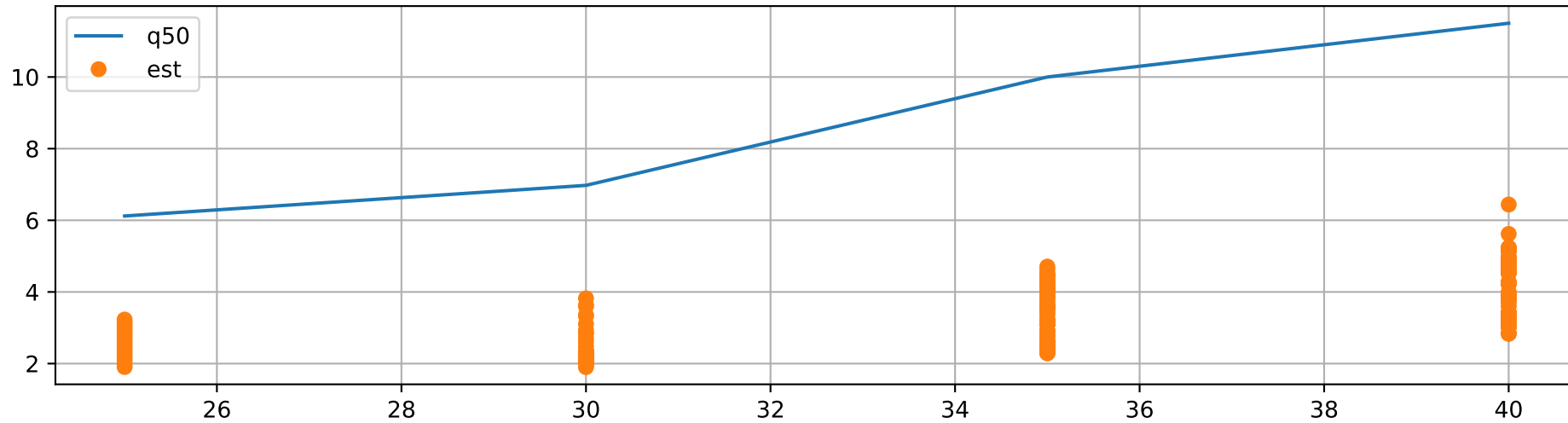
age=35



age=40

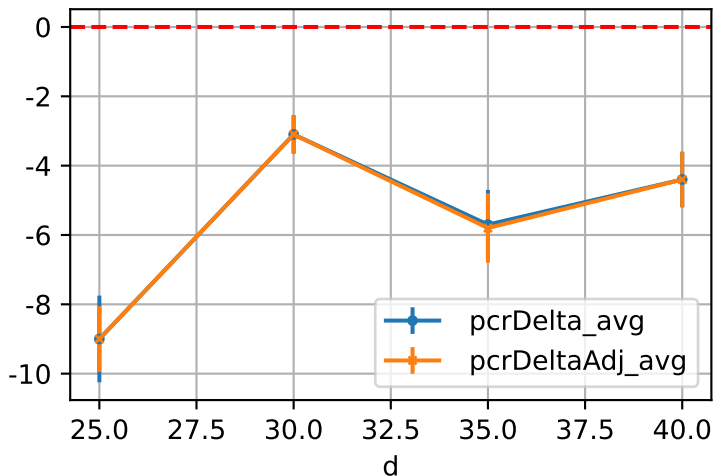


NdD: model est vs obsOv@Q50

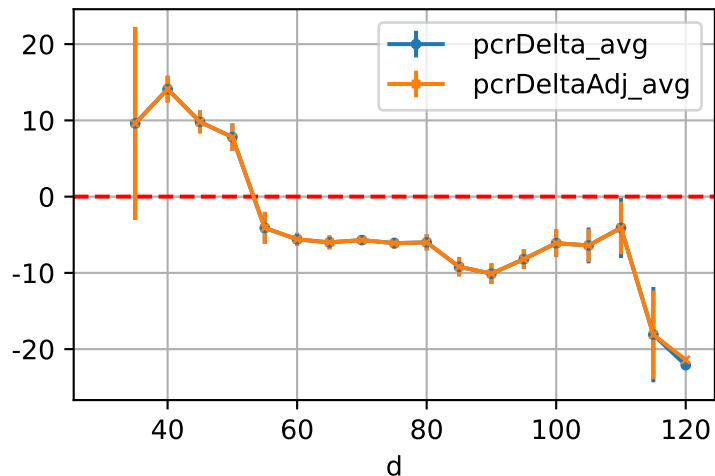


P10AE NdD: D_5d_NdD

DeltaTypeAbbr=GrpByAge

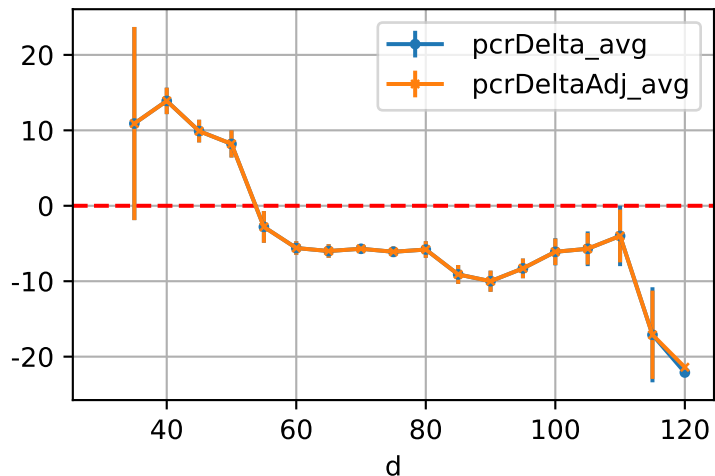


DeltaTypeAbbr=GrpByDay



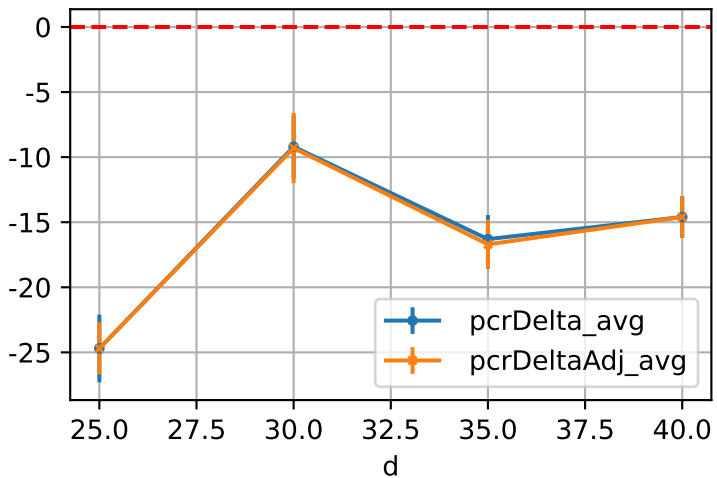
page 11

DeltaTypeAbbr=WeiAvgByD

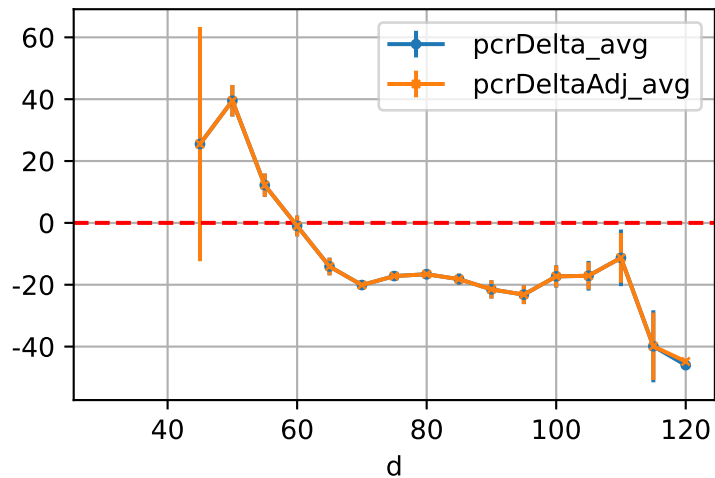


P10AE NdD: D_15d_NdD

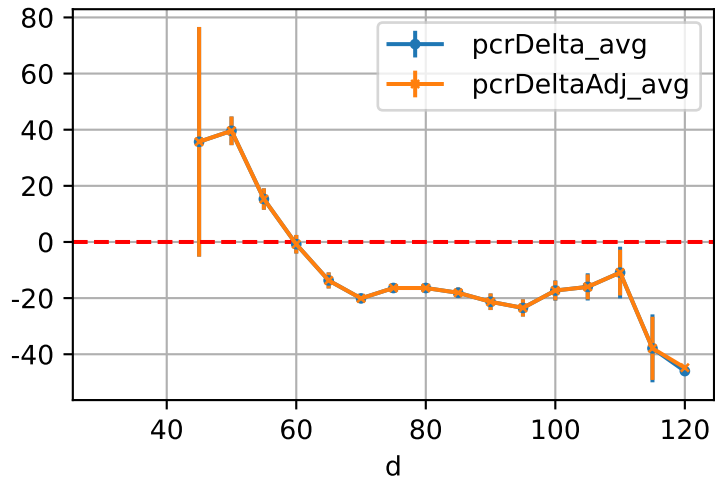
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

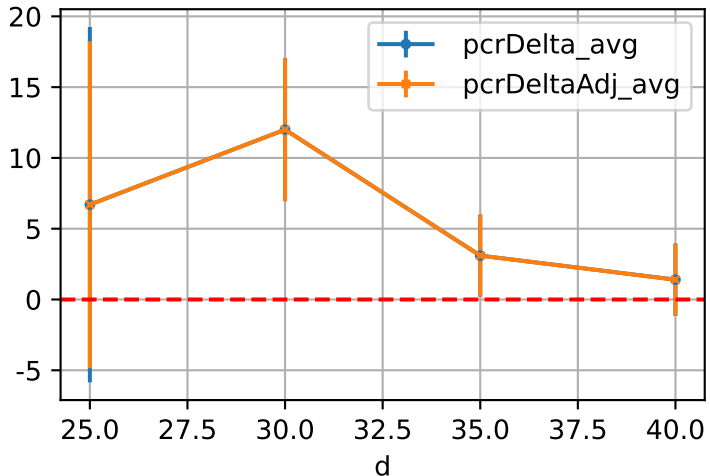


DeltaTypeAbbr=WeiAvgByD

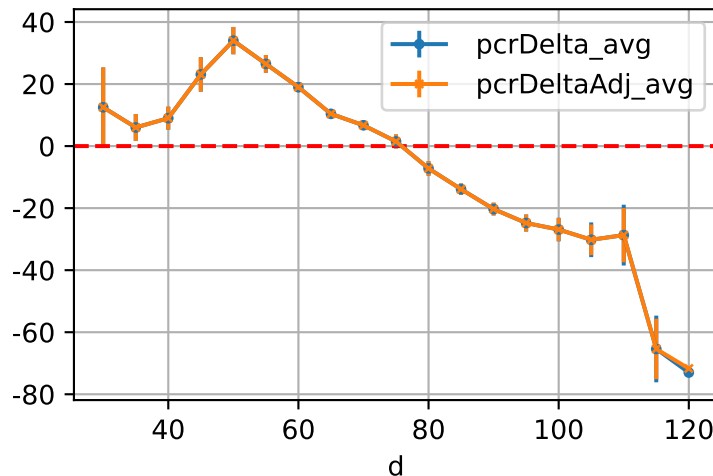


P10AE NdD: D_Q50_NdD

DeltaTypeAbbr=GrpByAge

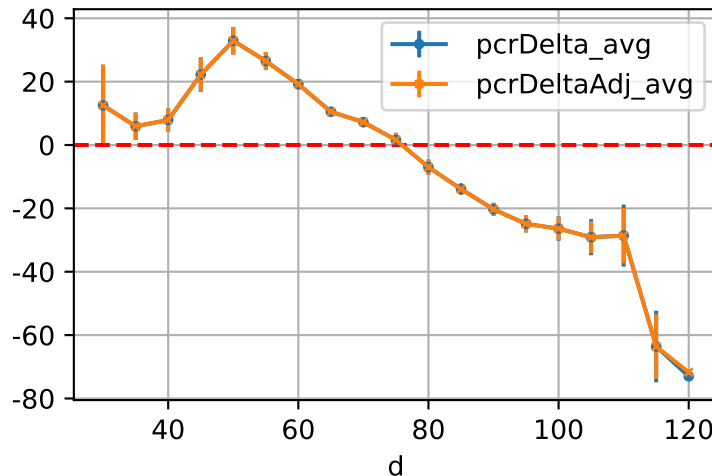


DeltaTypeAbbr=GrpByDay



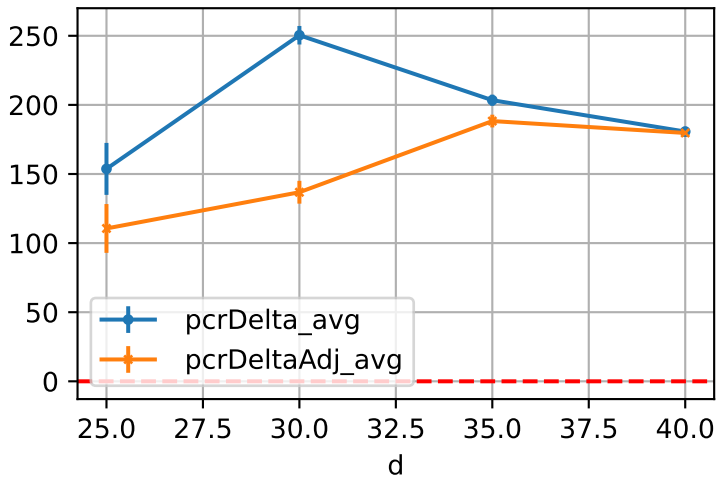
page 13

DeltaTypeAbbr=WeiAvgByD

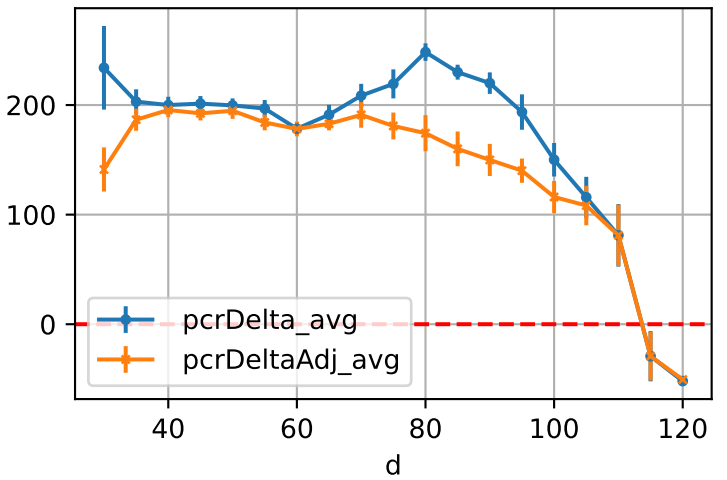


P10AE NdD: D_Est_NdD

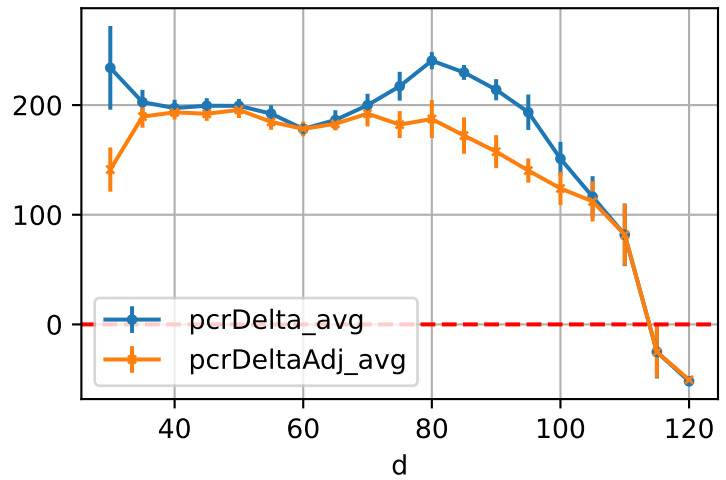
DeltaTypeAbbr=GrpByAge



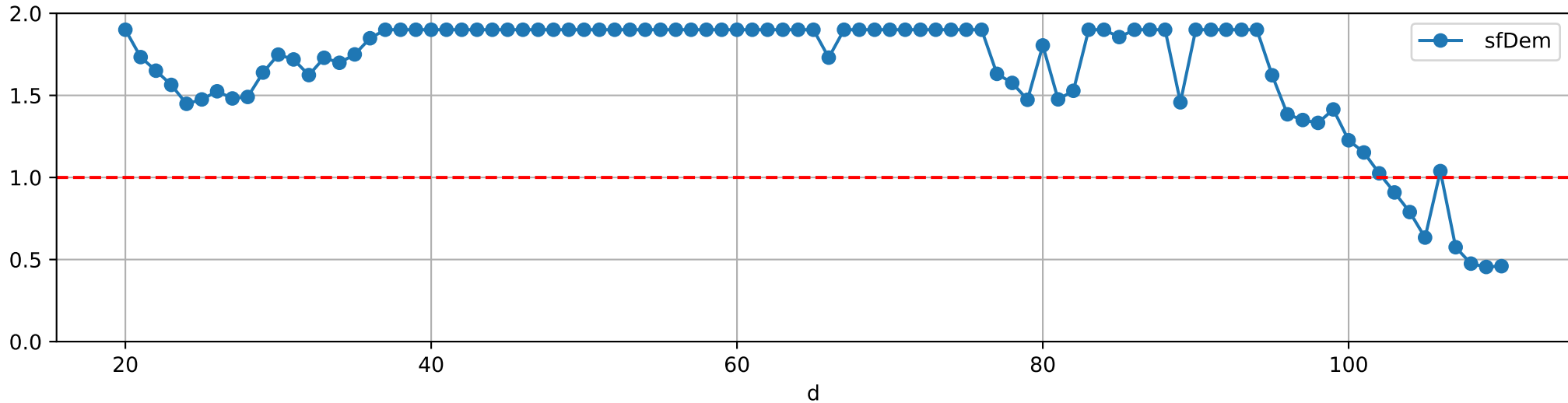
DeltaTypeAbbr=GrpByDay



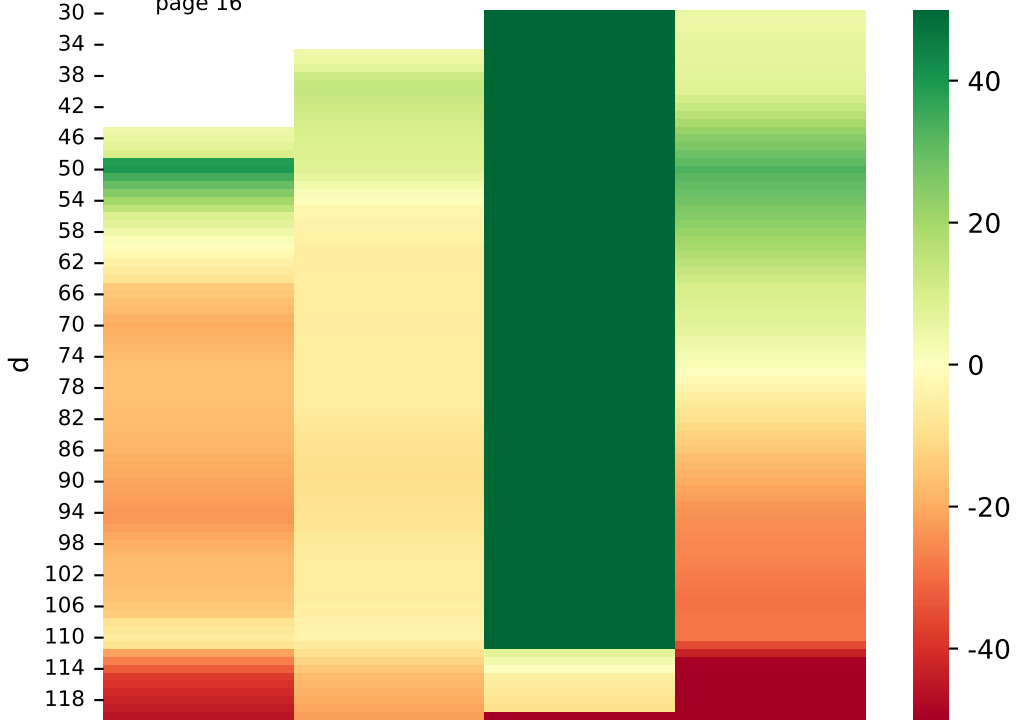
DeltaTypeAbbr=WeiAvgByD



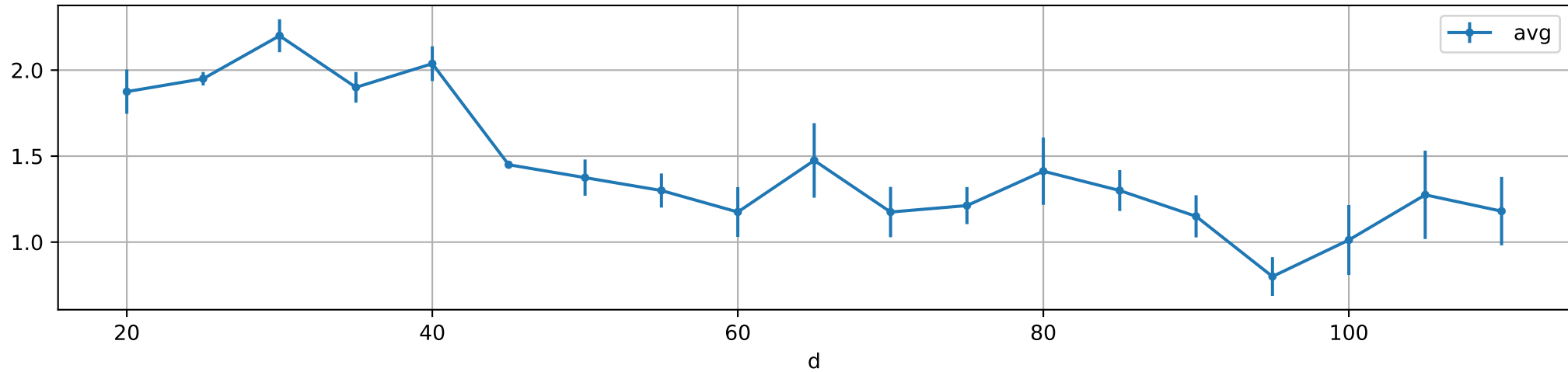
NdD: sfDem



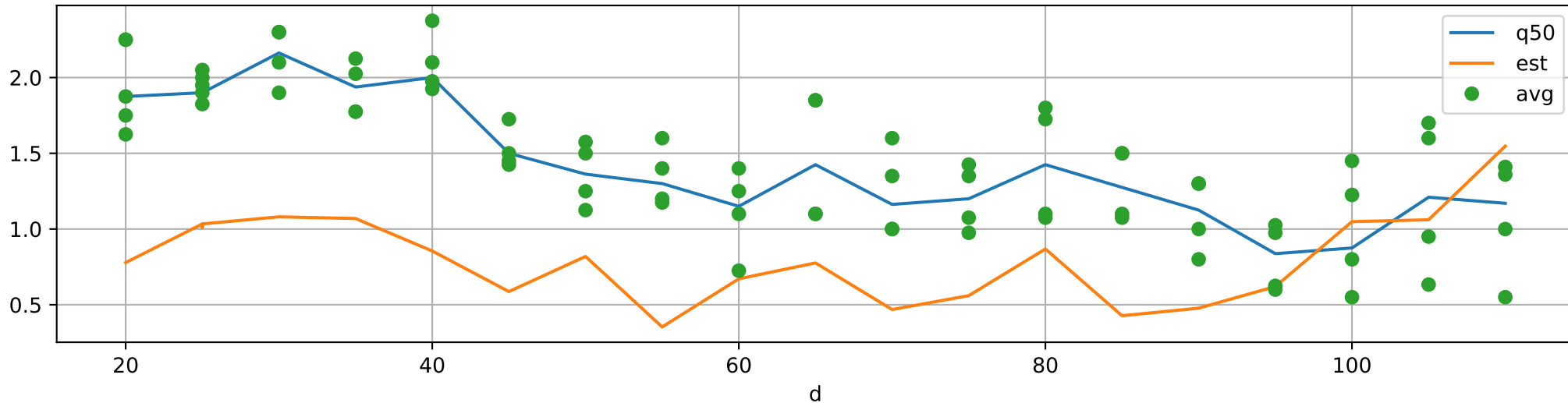
page 16



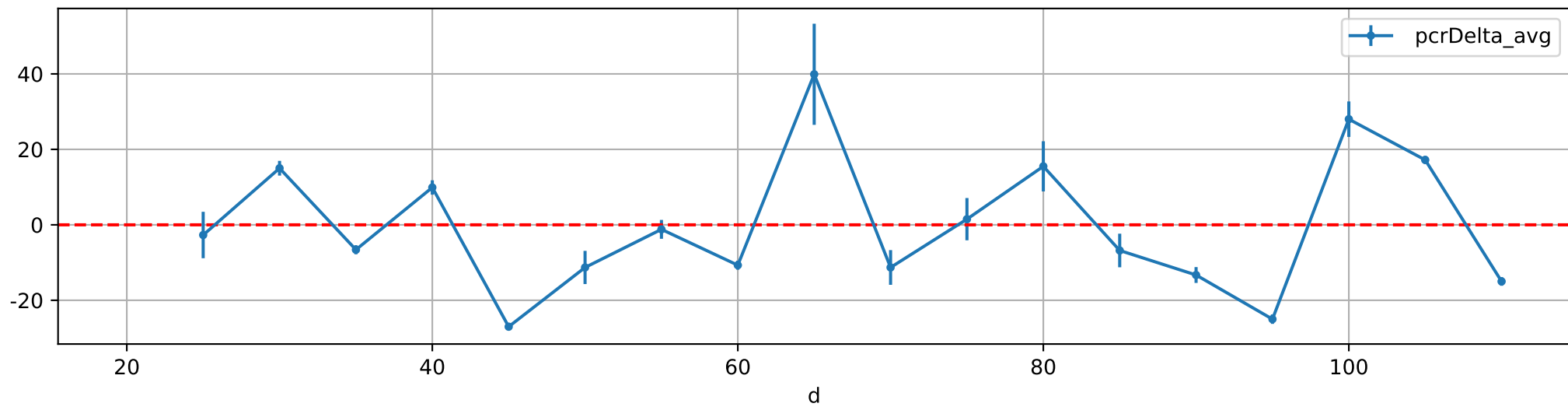
dStH: avg vs. d



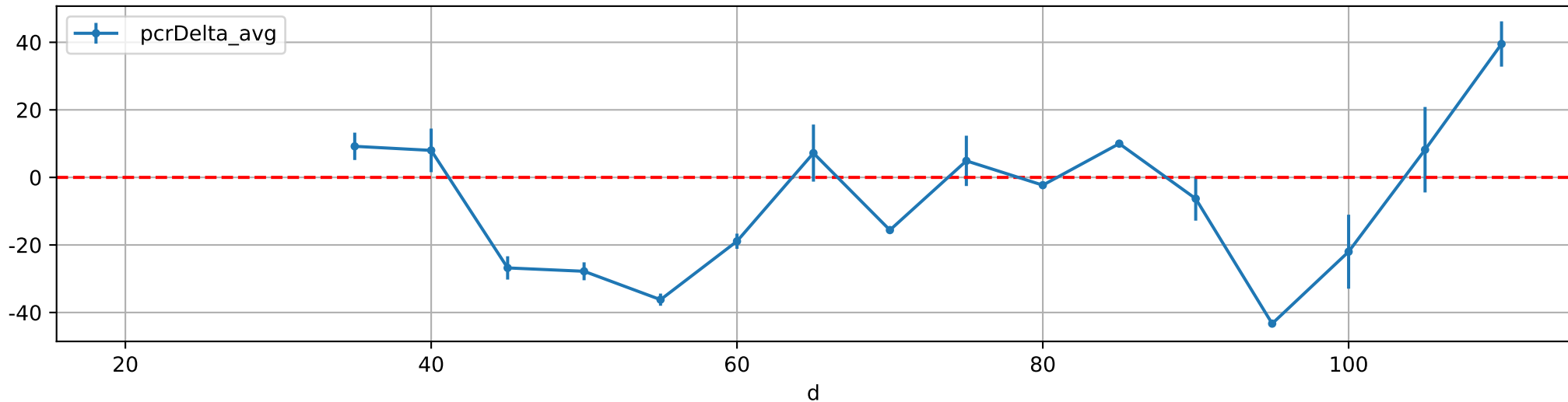
dStH: obsAvg vs obsOv@Q50



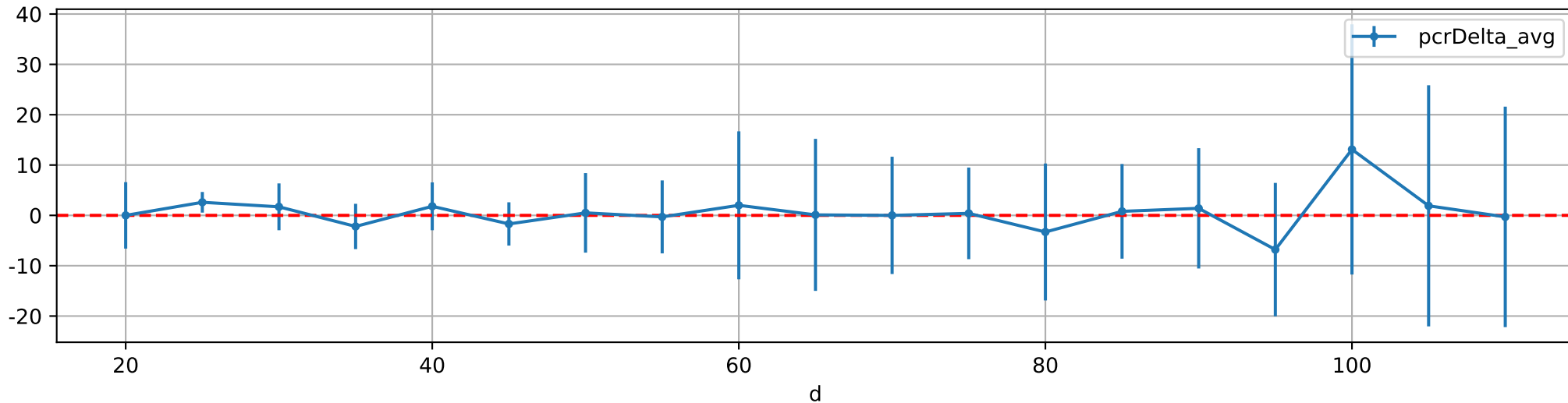
dStH: D_5d_StH



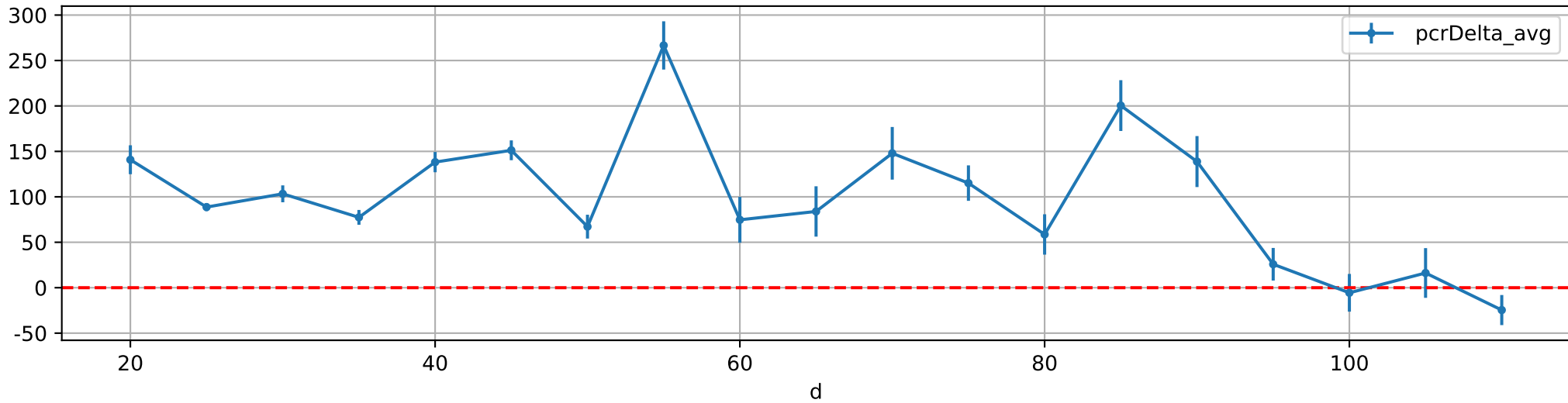
dStH: D_15d_StH



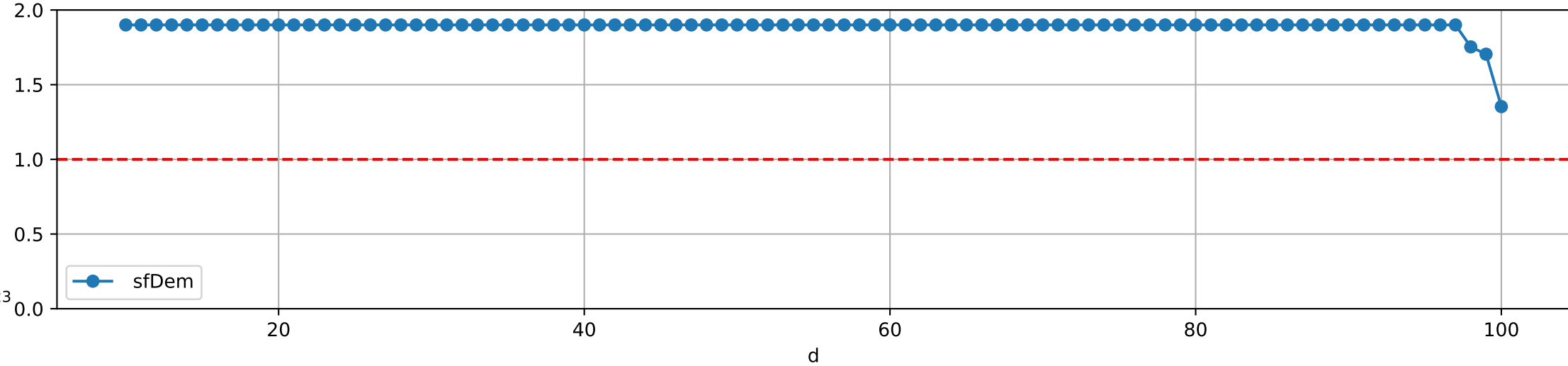
dStH: D_Q50_StH



dStH: D_Est_StH

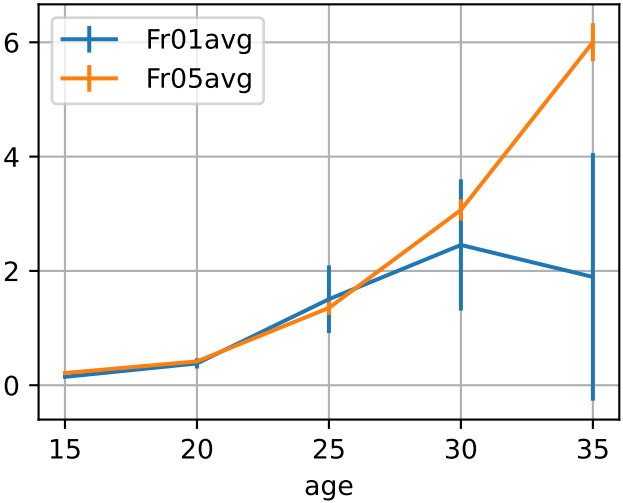


dStH: sfDem

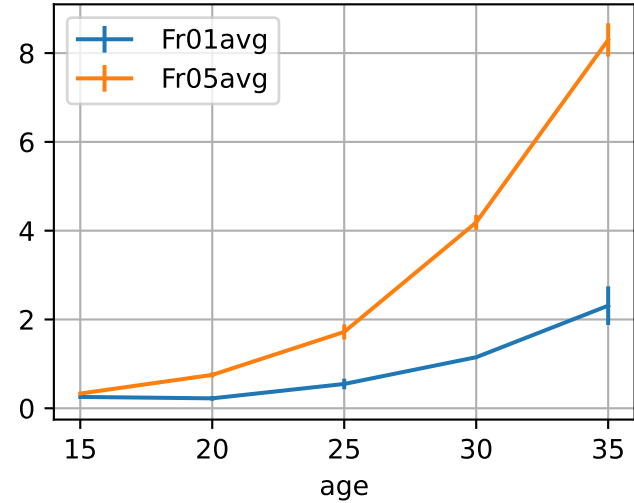


FrV: Fr01 vs Fr05 at each truss

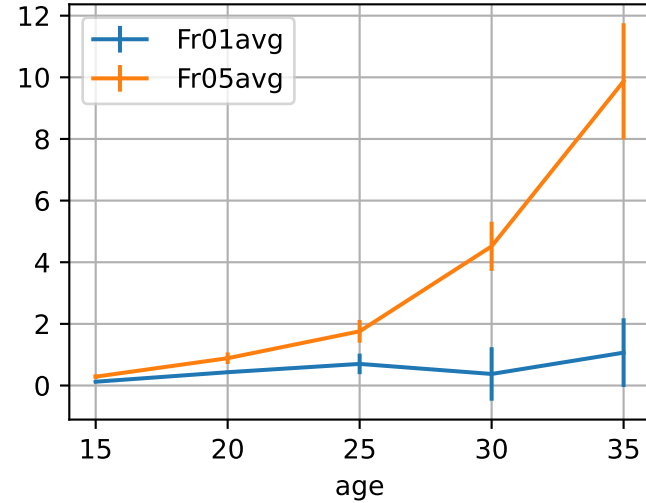
organID=T01



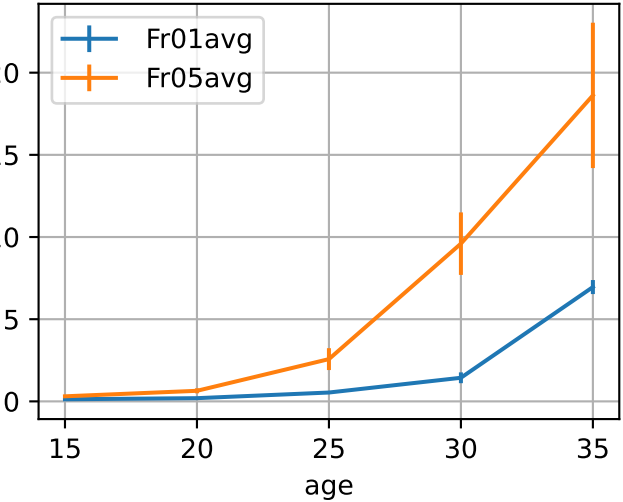
organID=T02



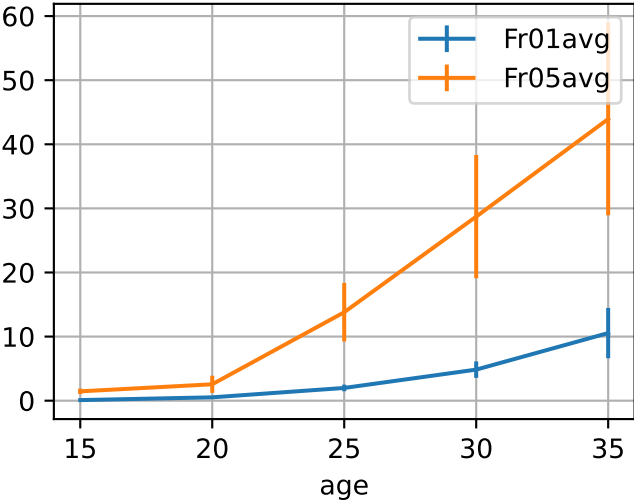
organID=T03



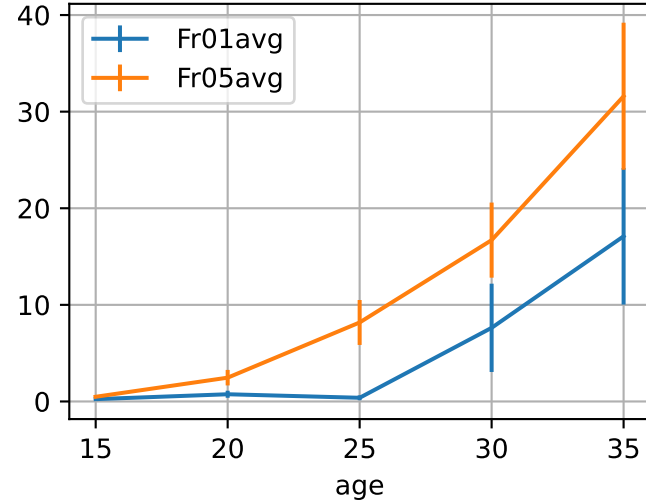
organID=T04



organID=T05

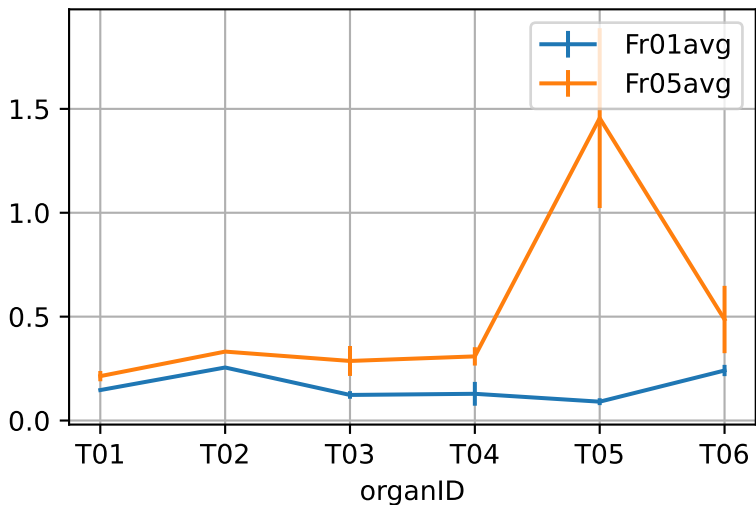


organID=T06

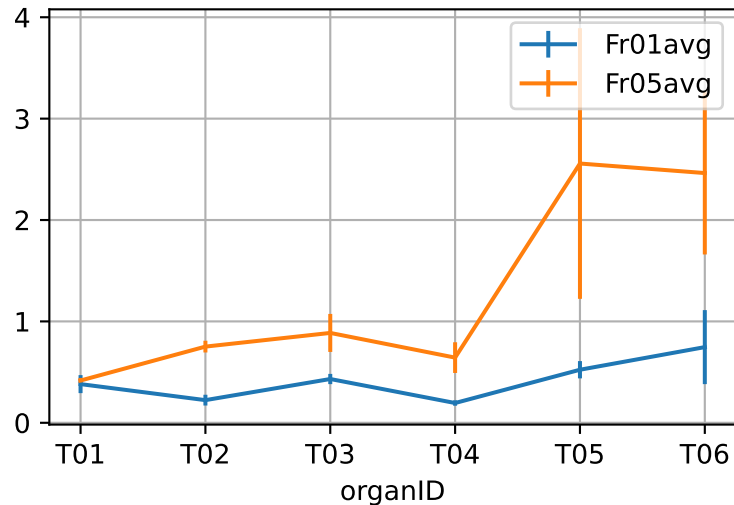


FrV trend at each age

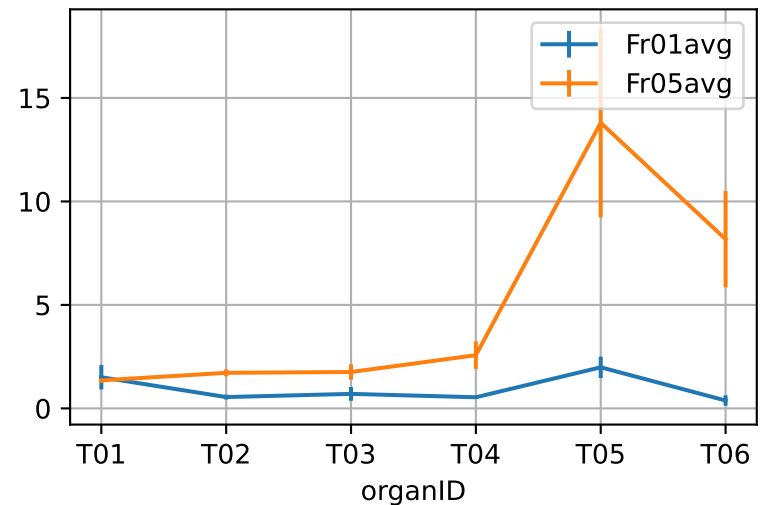
age=15



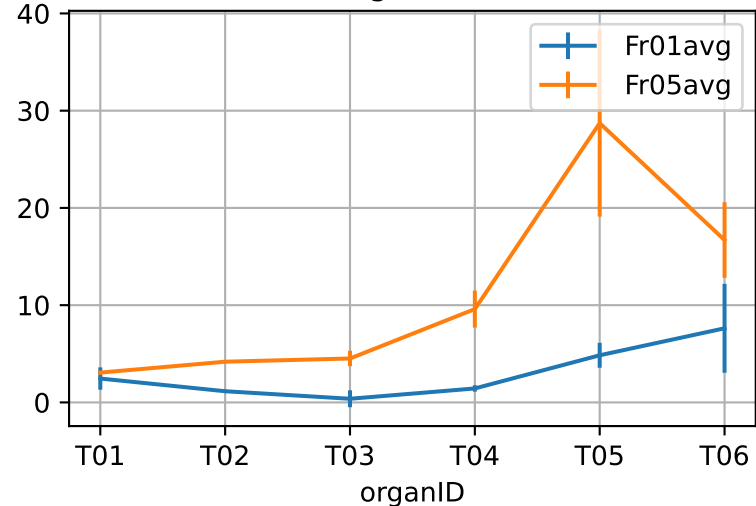
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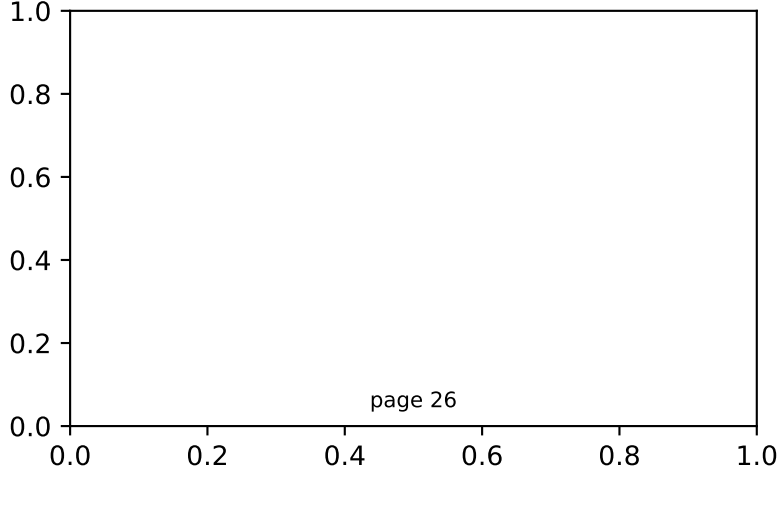
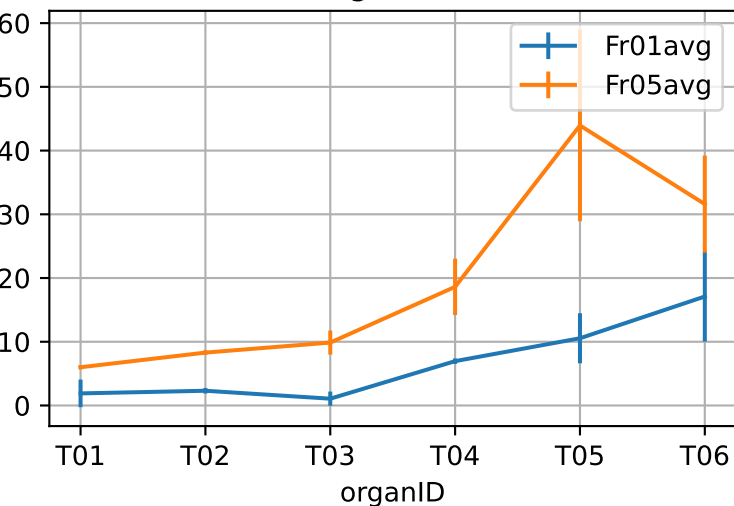
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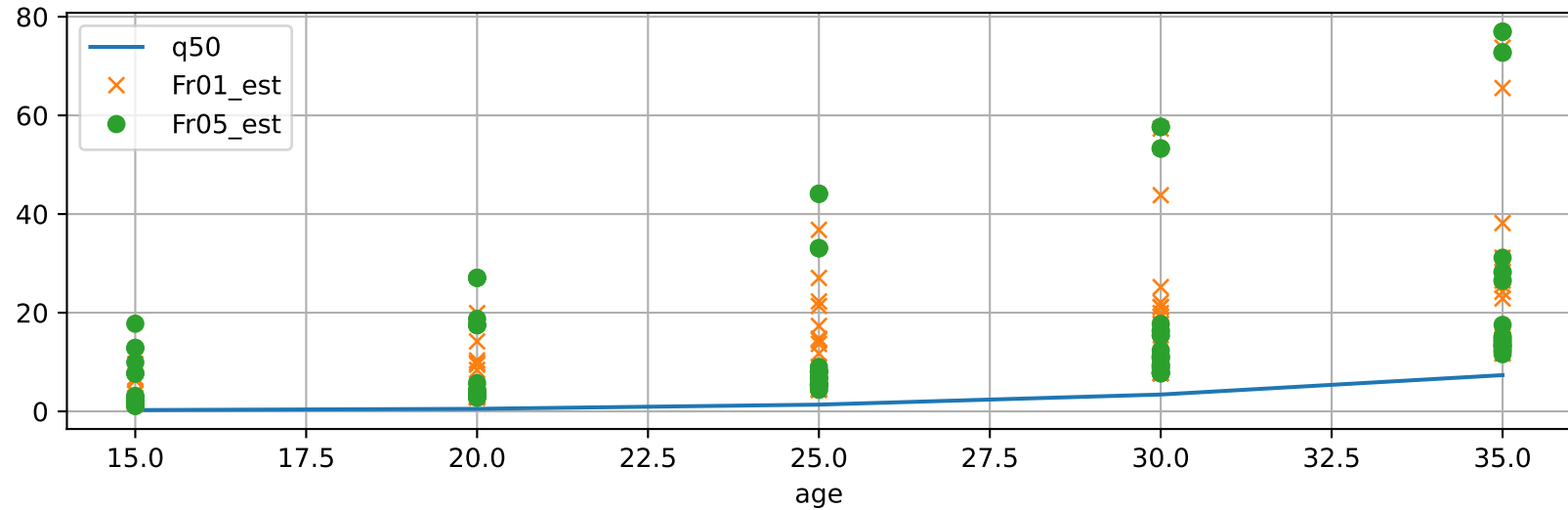
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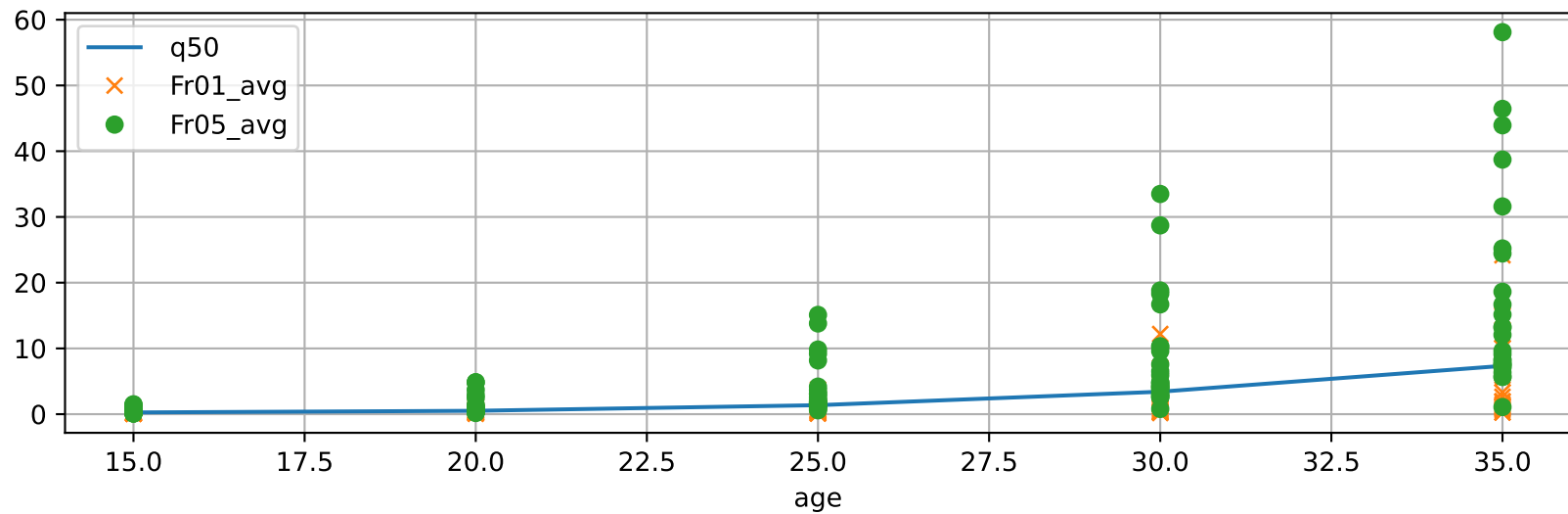
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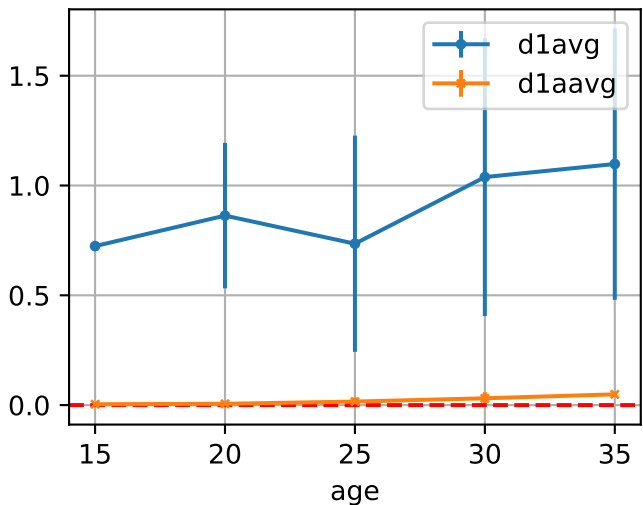
FrV: model Est vs obsFrV at Q90



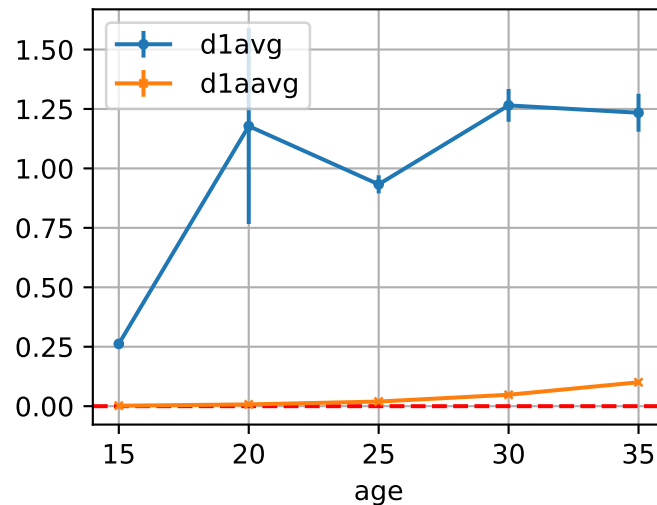
FrV: obsFrV vs obsFrV@Q90



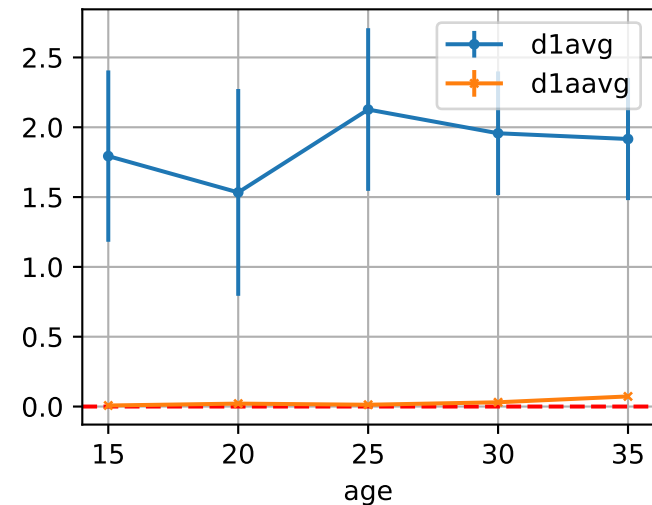
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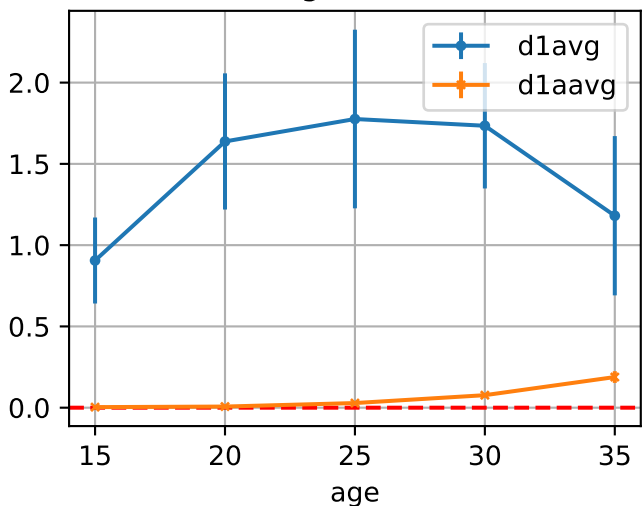
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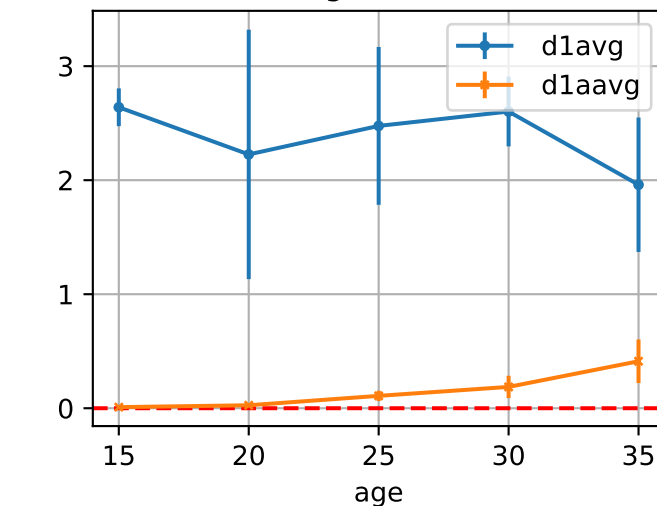
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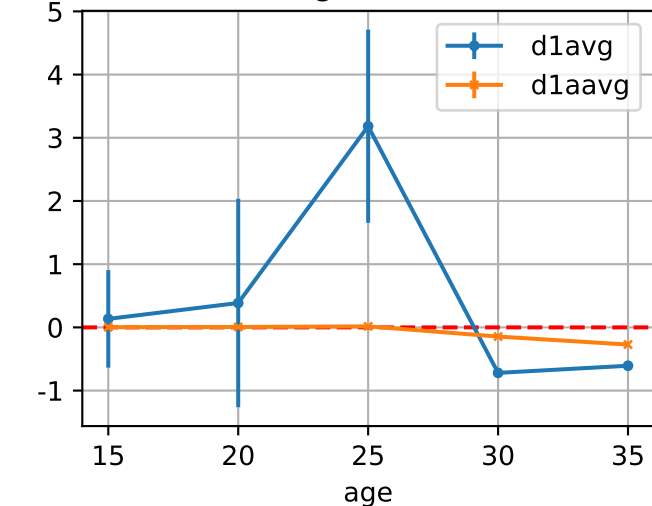
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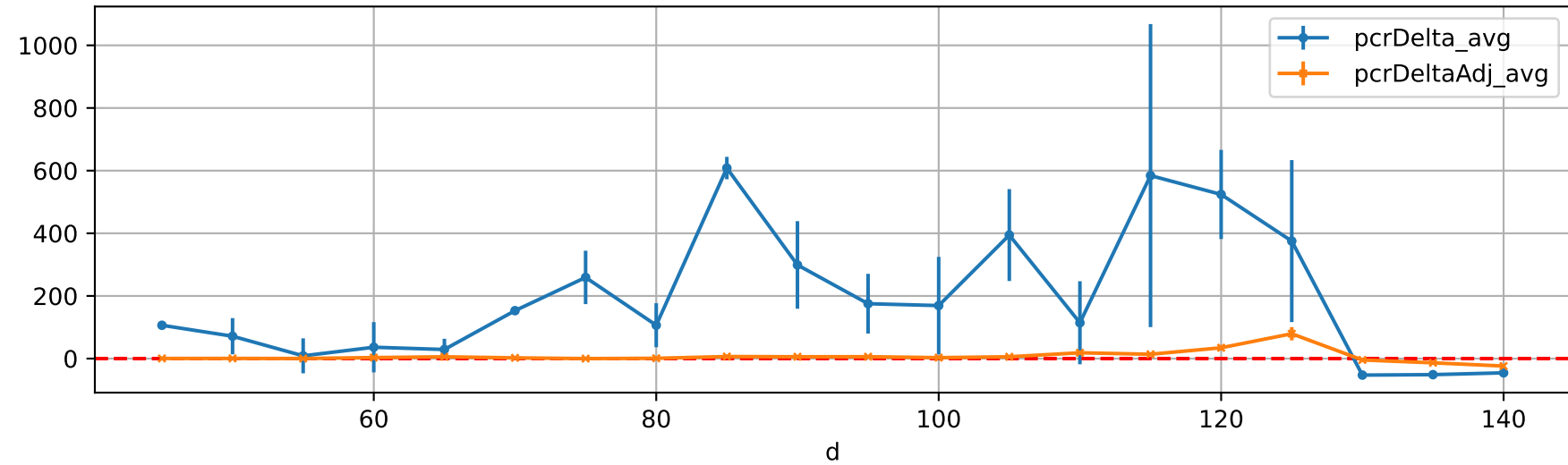
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organID=6

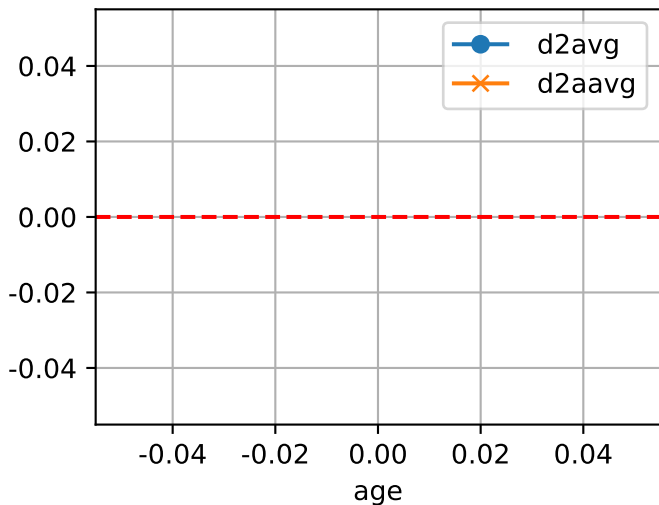


P10AE FrV: D_Fr1_FrV

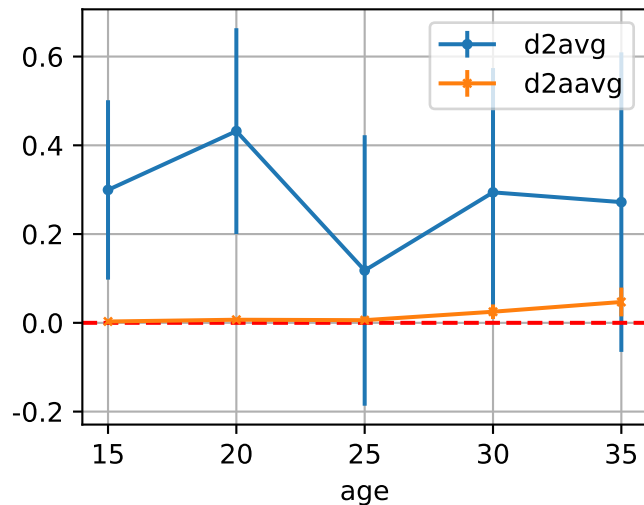


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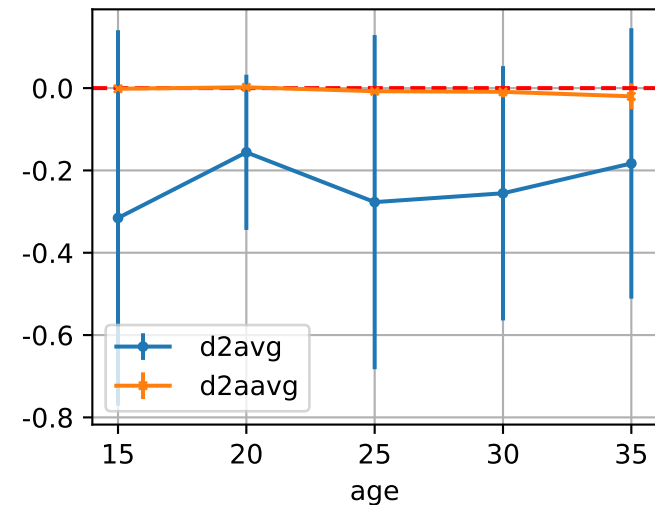
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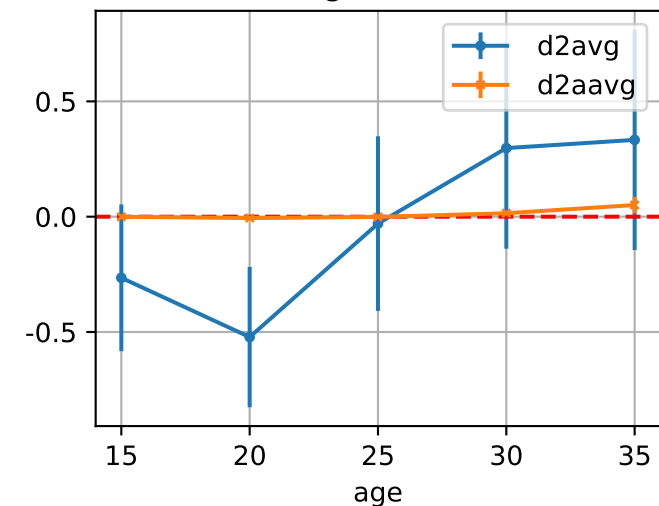
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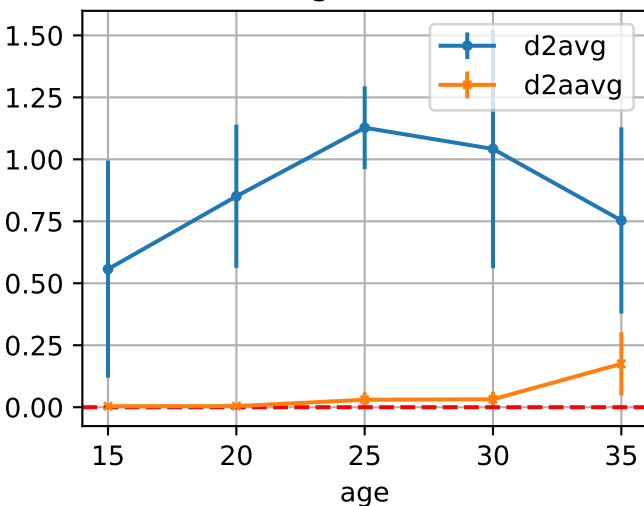
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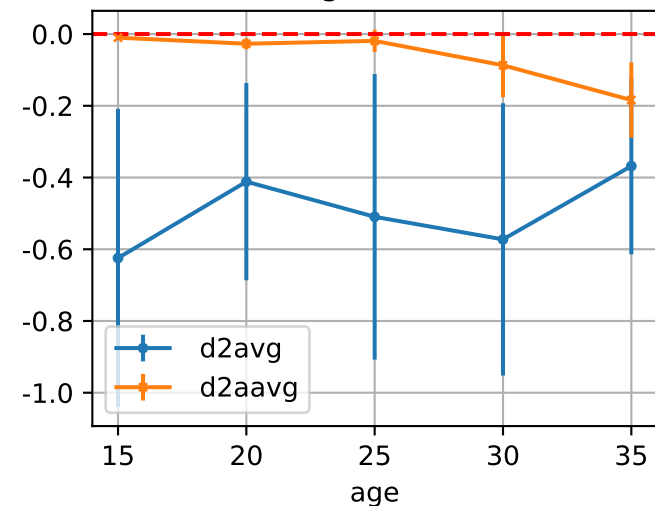


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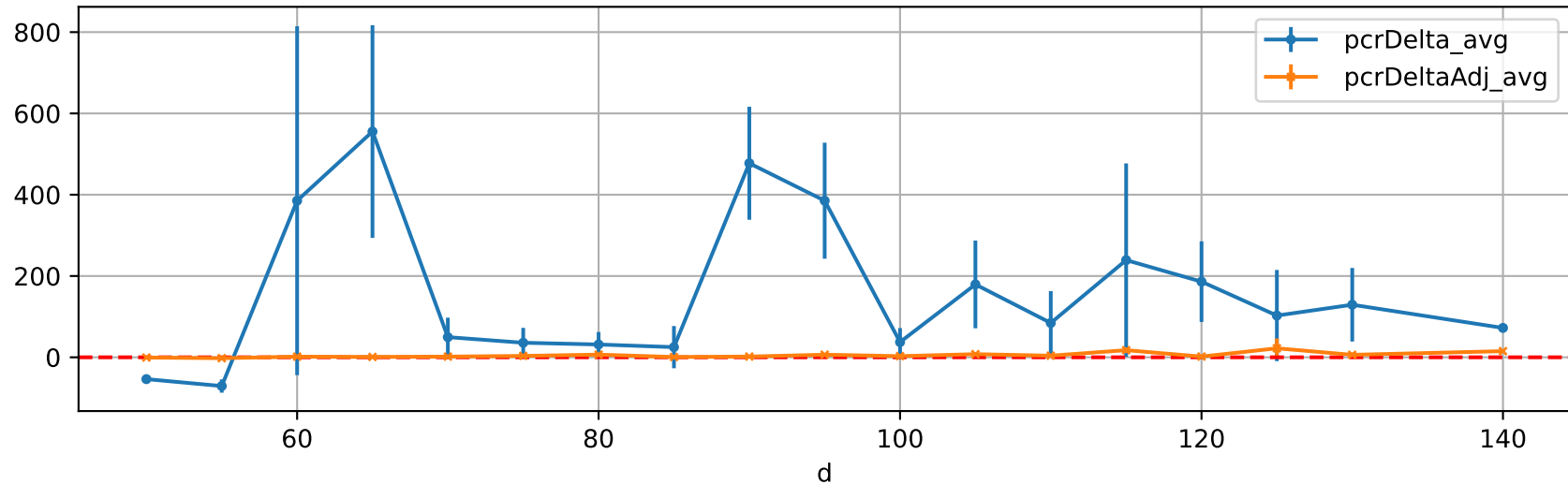


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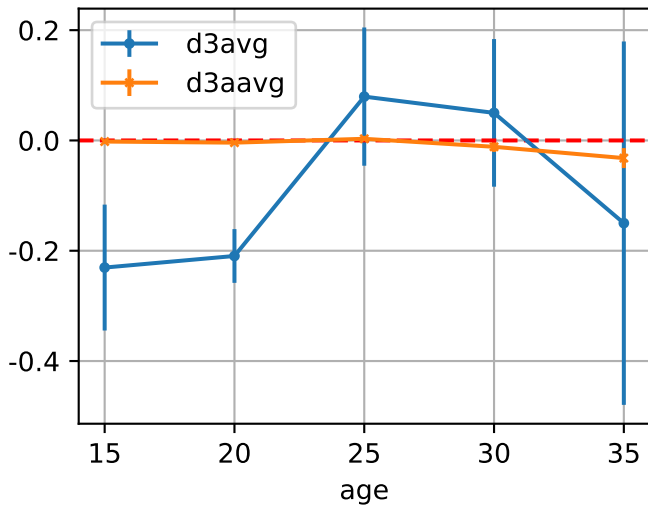
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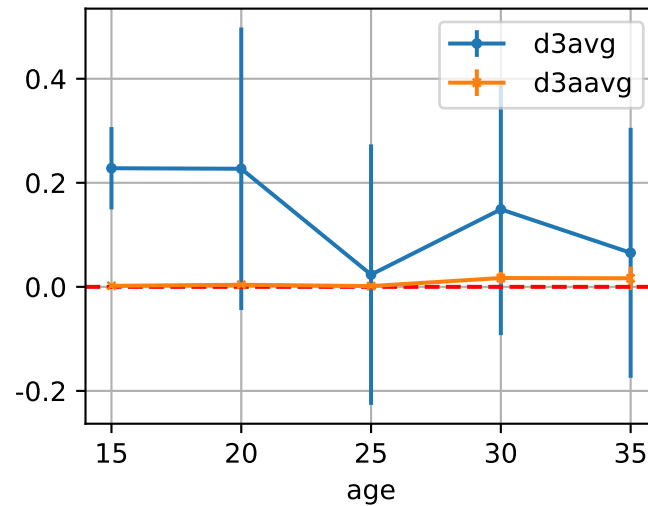
P10AE FrV: D_Ts_FrV



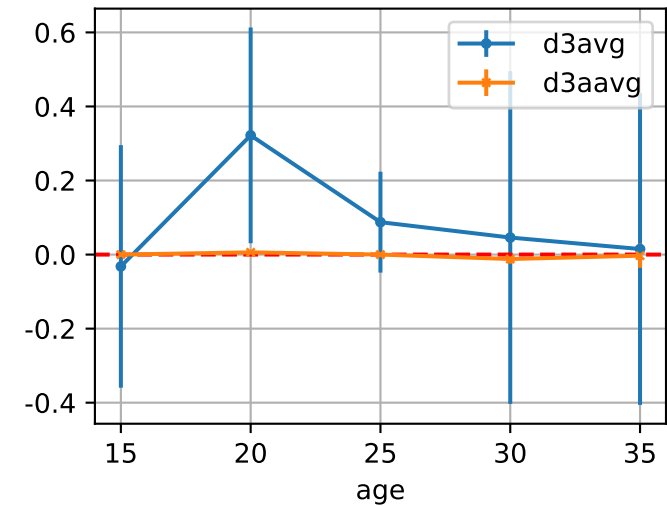
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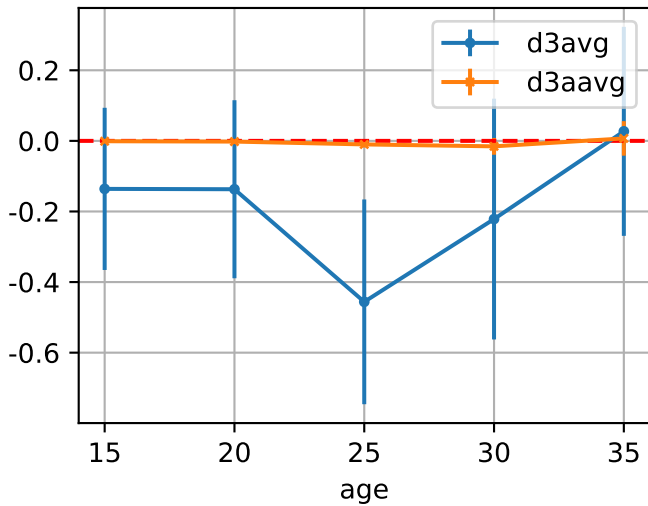
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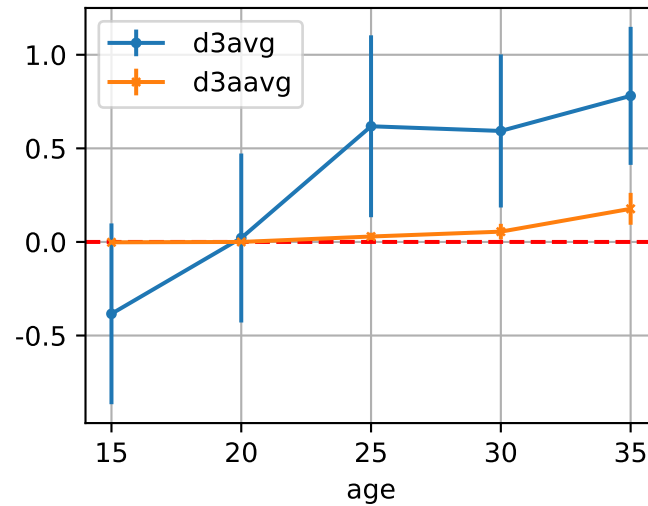
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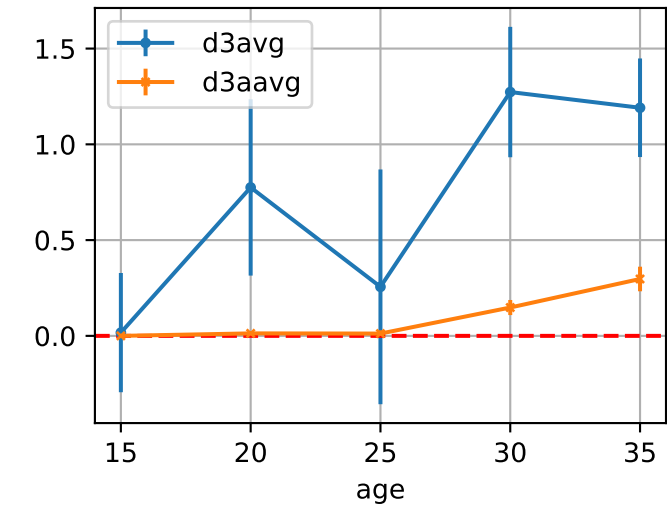
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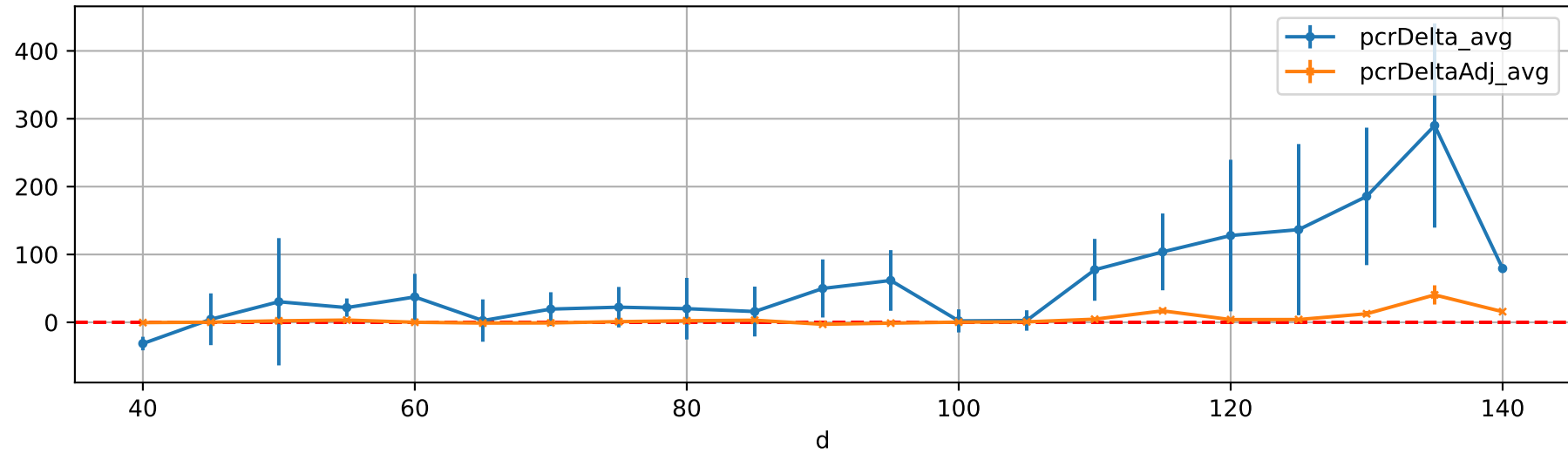
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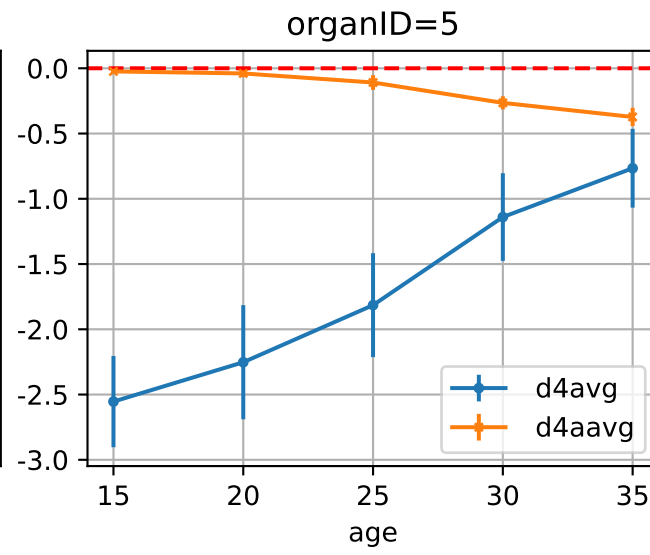
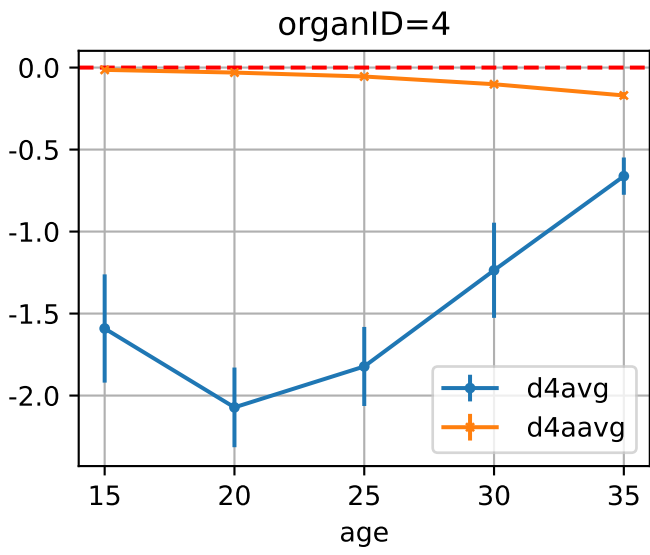
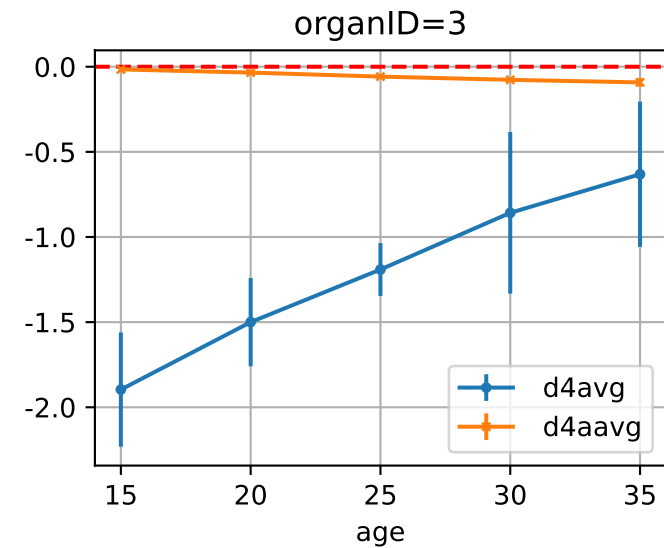
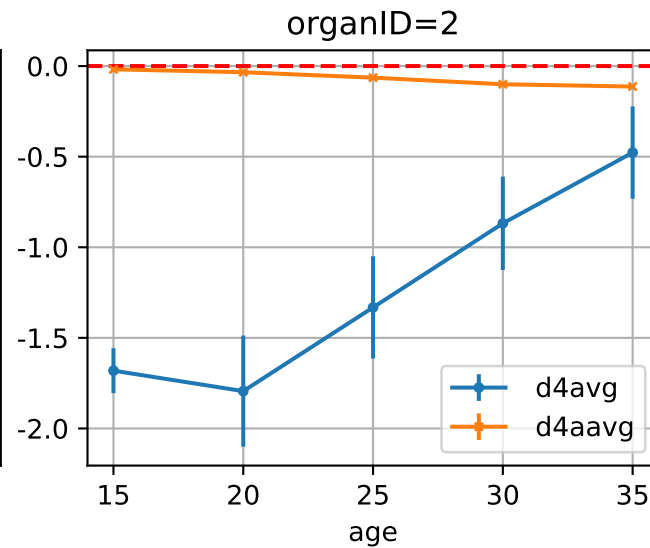
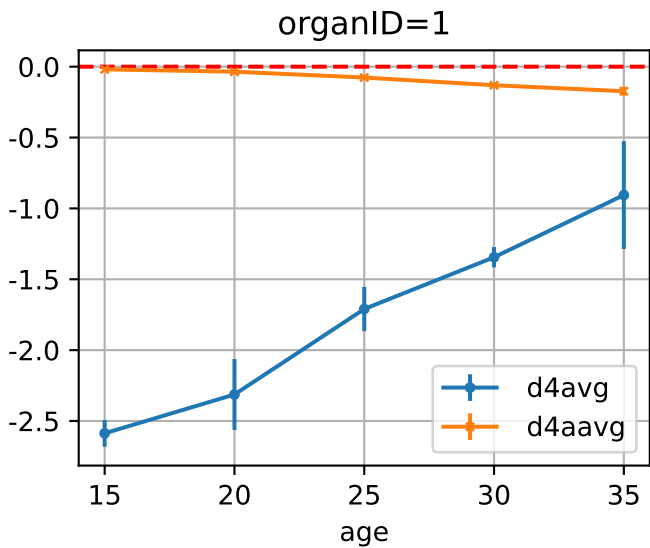


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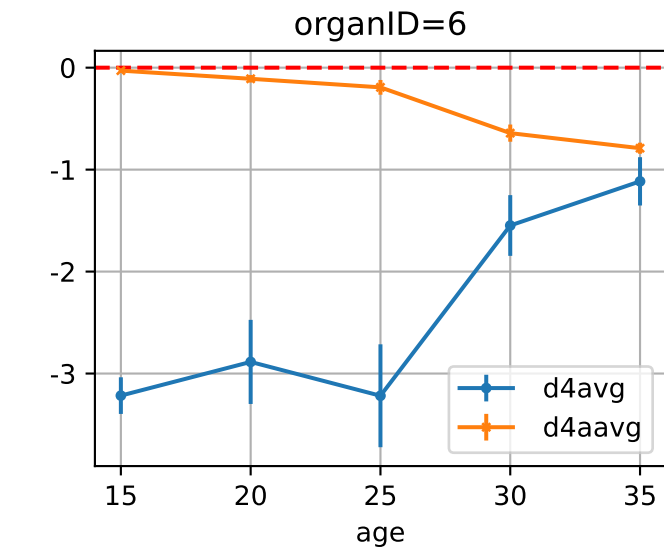


P10AE FrV: D_Q50_FrV

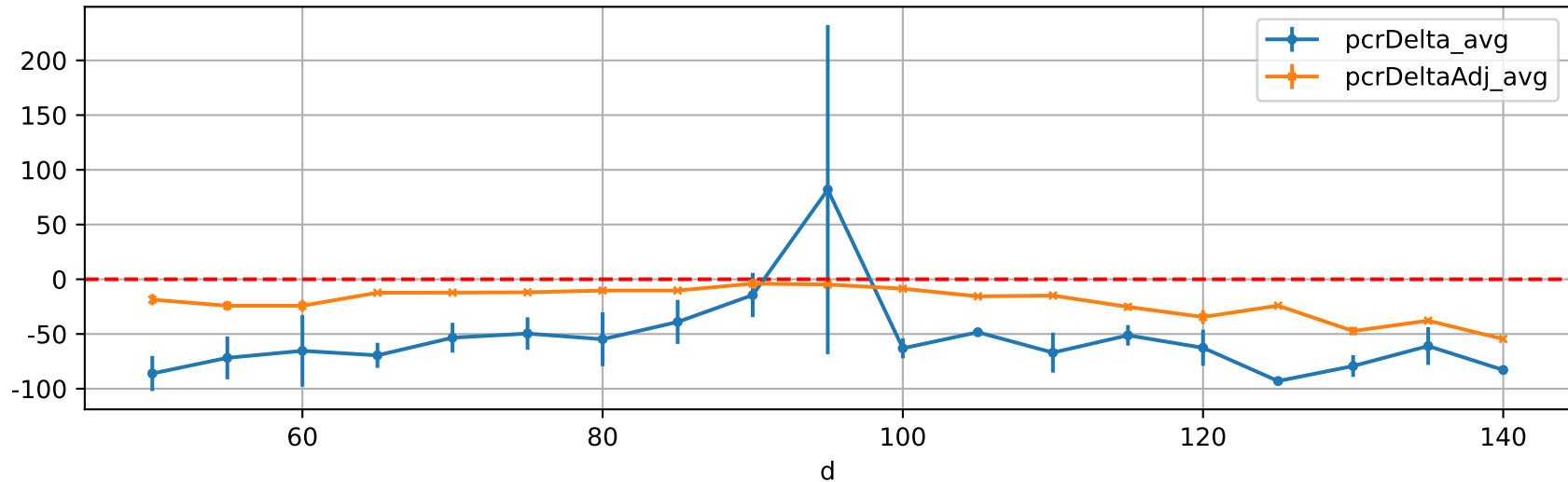




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P10AE FrV: D_Est_FrV



P10AE FrV: sfDem

