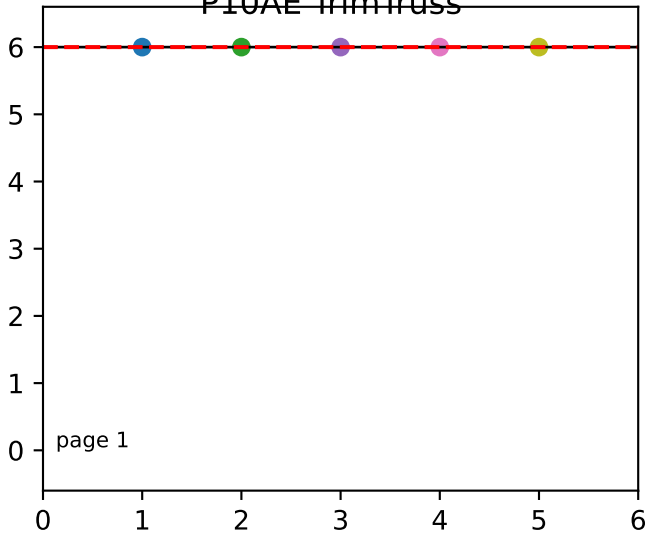


Phenotype Data Analysis Plots
PhenoData day range = 18 - 94
Analysis cutoff day = 94
NC11 P10
2026-01-21 (Day 95)

avg1=6.0±0% avg2=na
PIOAE Trim Truss

PIOAE



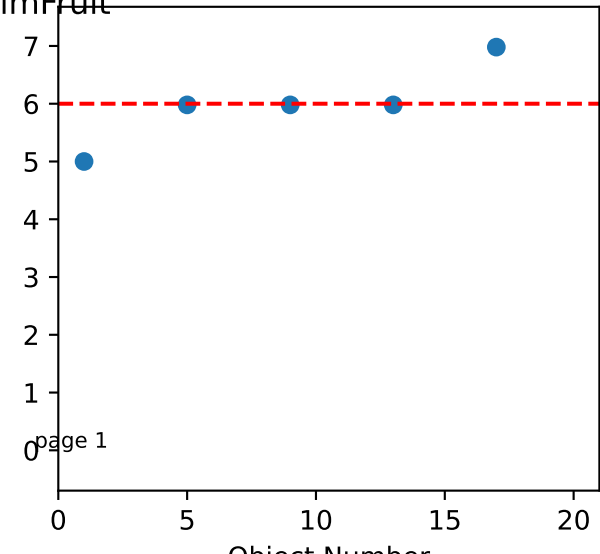
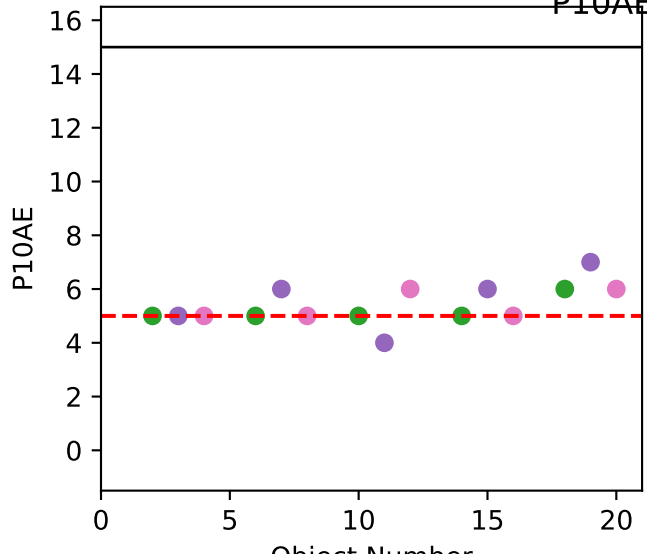
page 1

Object Number

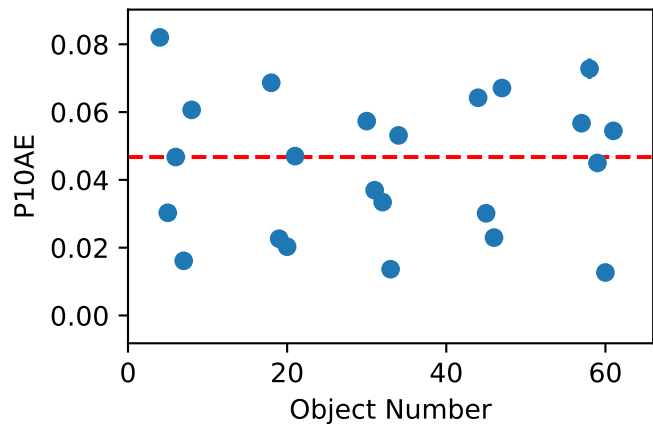
avg1=5.0~15% avg2=na

P10AE TrimFruit

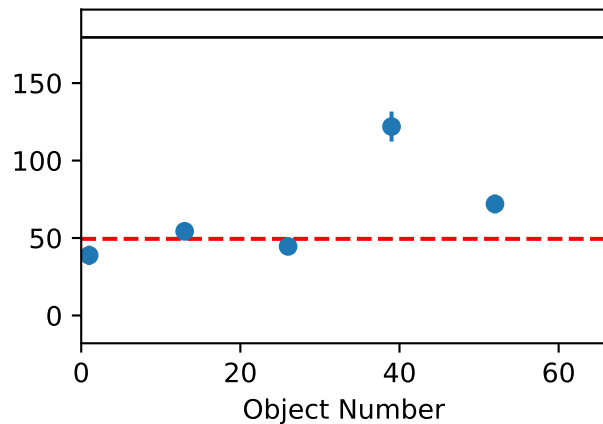
avg1=6.0~0% avg2=na



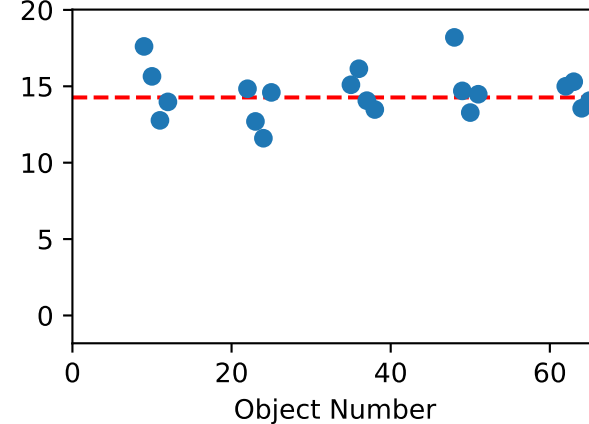
LIA_avgAbsY (Def=na Set=0.05)
avg1=0.05~44% avg2=na



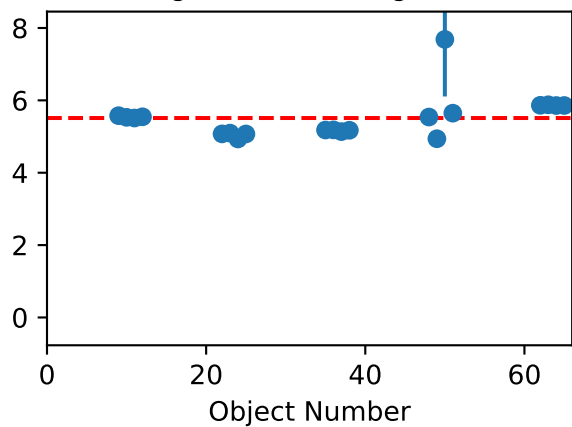
FrV_Q90AbsY (Def=179.5 Set=45.0)
avg1=179.5~79% avg2=na



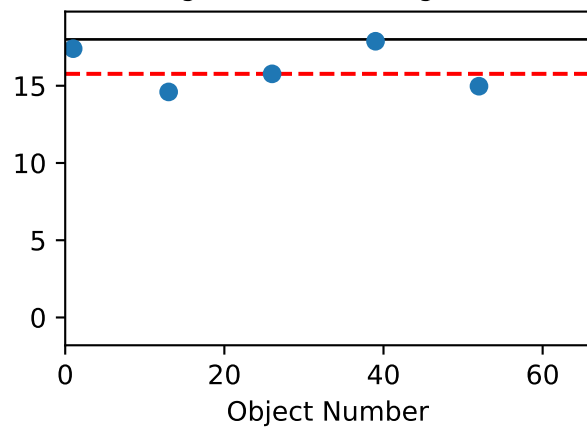
NdD_avgAbsY (Def=na Set=14.27)
avg1=14.27~8% avg2=na



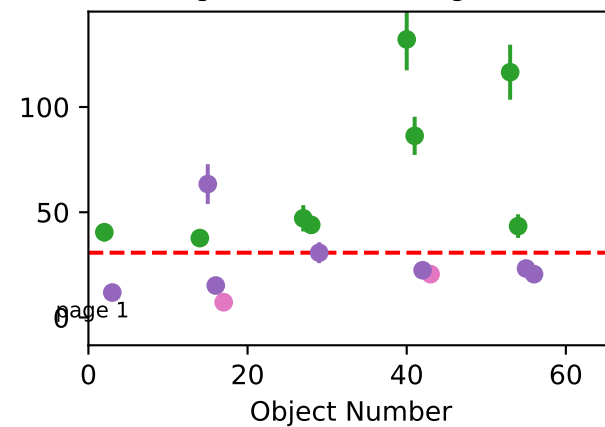
NdL_avgAbsY (Def=na Set=5.51)
avg1=5.51~6% avg2=na



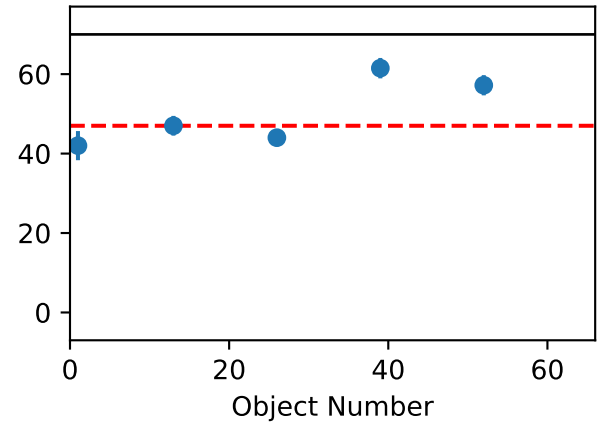
NdD_Q90AbsY (Def=18 Set=15.77)
avg1=15.77~9% avg2=na



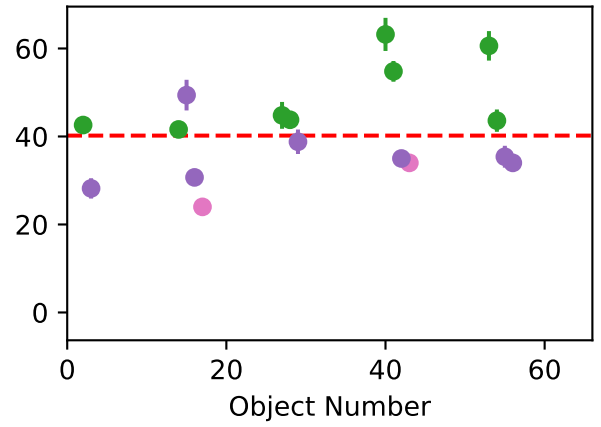
FrV_avgAbsY (Def=na Set=30.77)
avg1=30.77~68% avg2=na



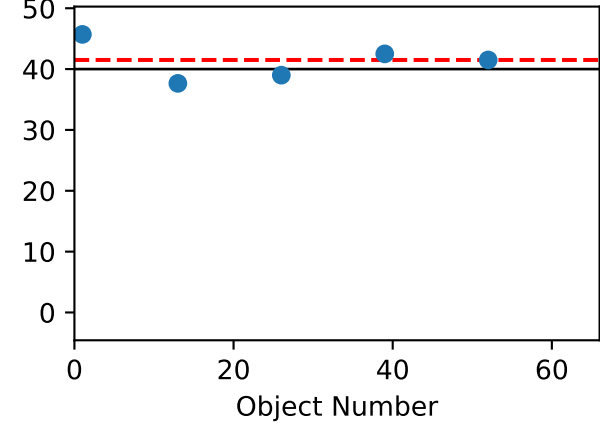
FD_Q90AbsY (Def=70 Set=47.0)
avg1=47.0~18% avg2=na



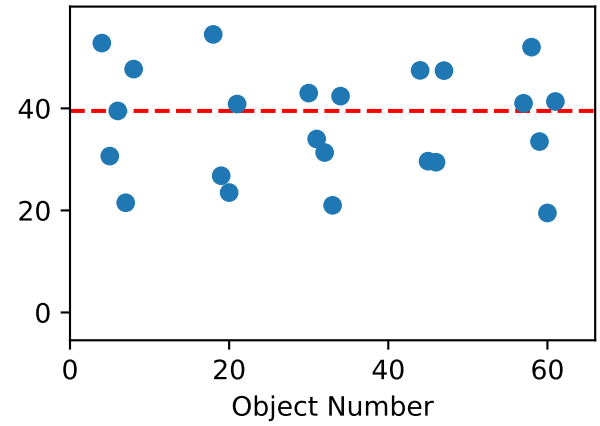
FD_avgAbsY (Def=na Set=40.2)
avg1=40.2~24% avg2=na



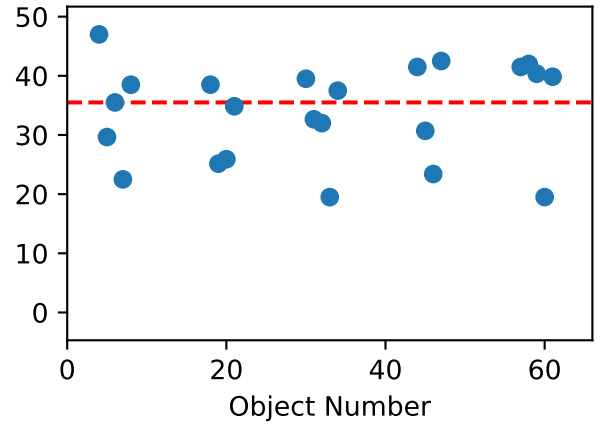
LIL_Q90AbsY (Def=40 Set=41.5)
avg1=41.5~8% avg2=na



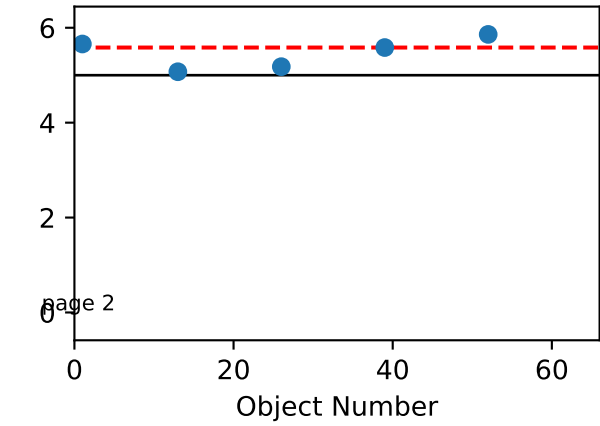
LfW_avgAbsY (Def=na Set=39.5)
avg1=39.5~27% avg2=na



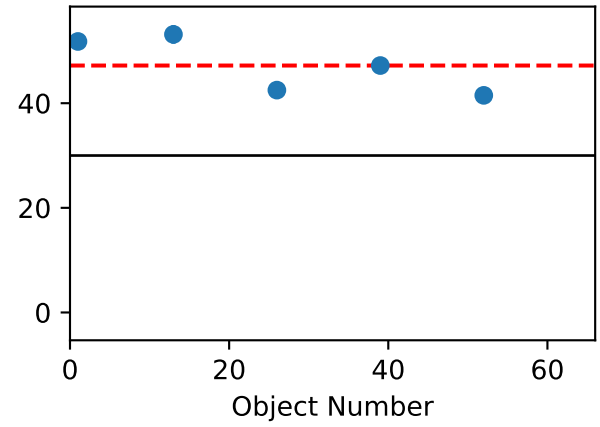
LfL_avgAbsY (Def=na Set=35.5)
avg1=35.5~23% avg2=na



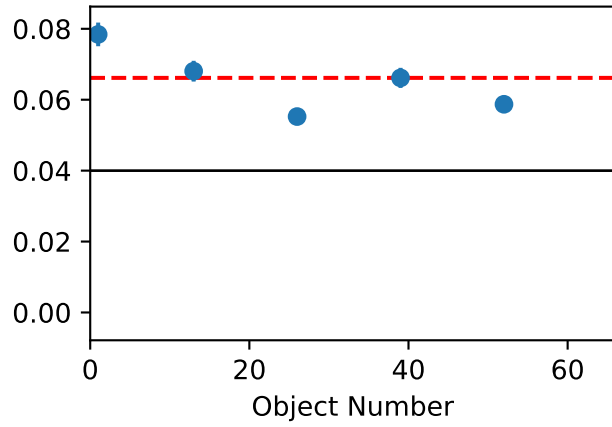
NdL_Q90AbsY (Def=5 Set=5.58)
avg1=5.58~6% avg2=na



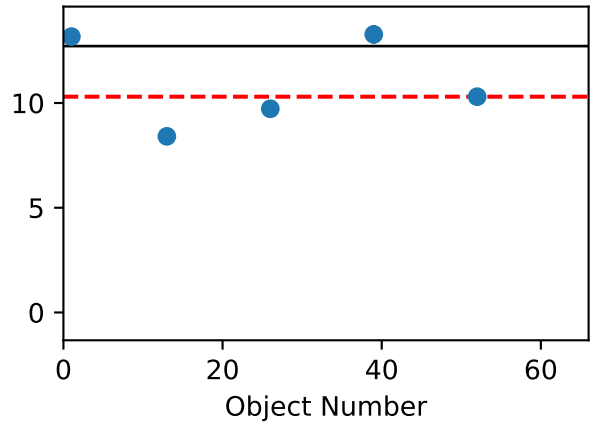
LIW_Q90AbsY (Def=30 Set=47.2)
avg1=47.2~11% avg2=na



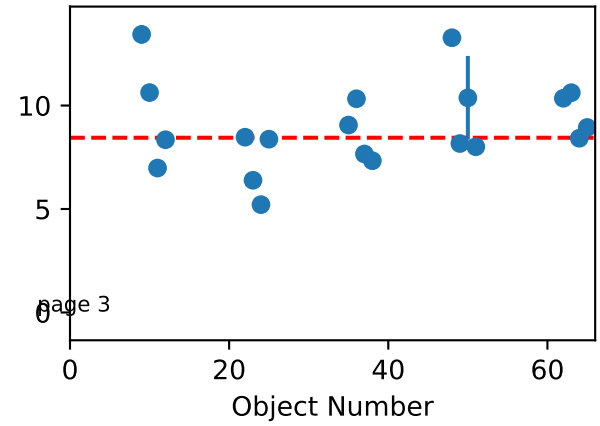
LIA_Q90AbsY (Def=0.04 Set=0.07)
avg1=0.07~14% avg2=na



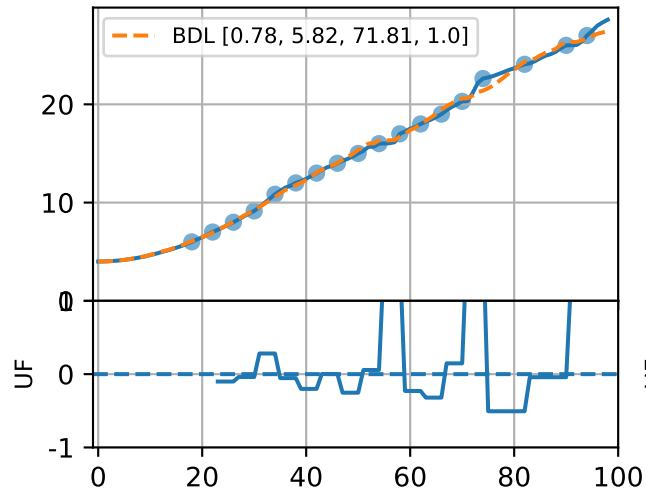
NdV_Q90AbsY (Def=12.72 Set=10.3)
avg1=10.3~21% avg2=na



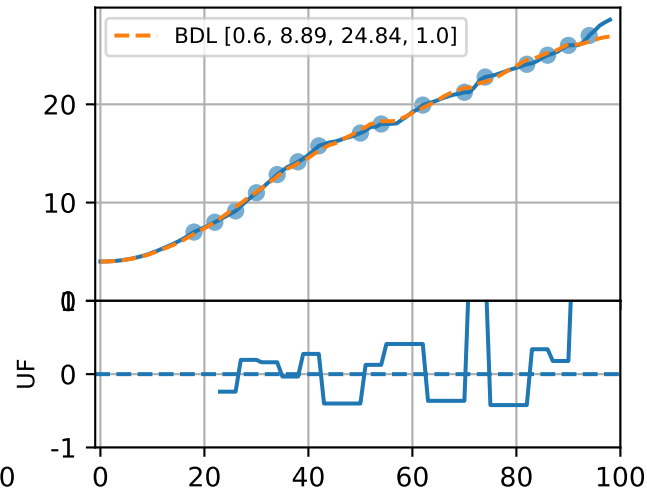
NdV_avgAbsY (Def=na Set=8.44)
avg1=8.44~25% avg2=na



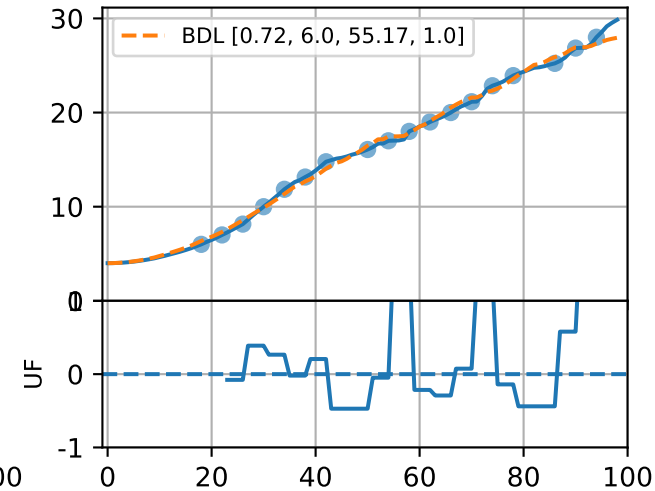
P10AE-081-12 (fit failed)



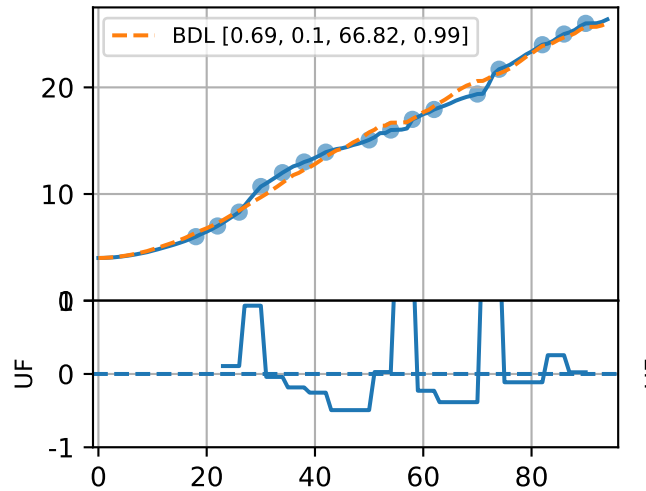
P10AE-087-27 (fit failed)



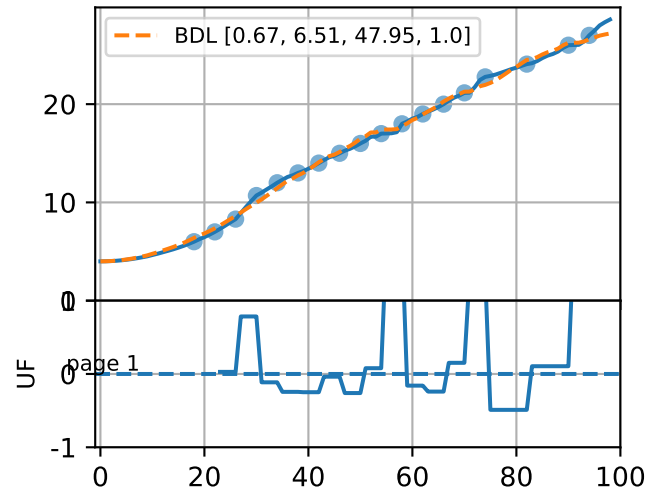
P10AE-095-20 (fit failed)



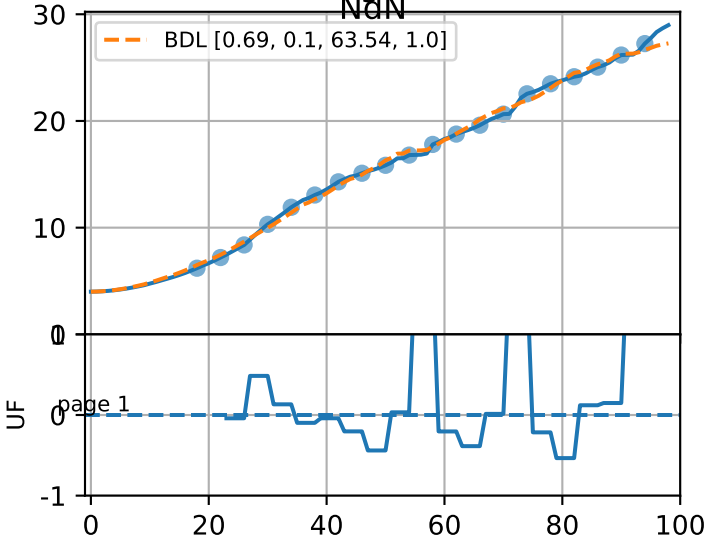
P10AE-103-32 (fit failed)

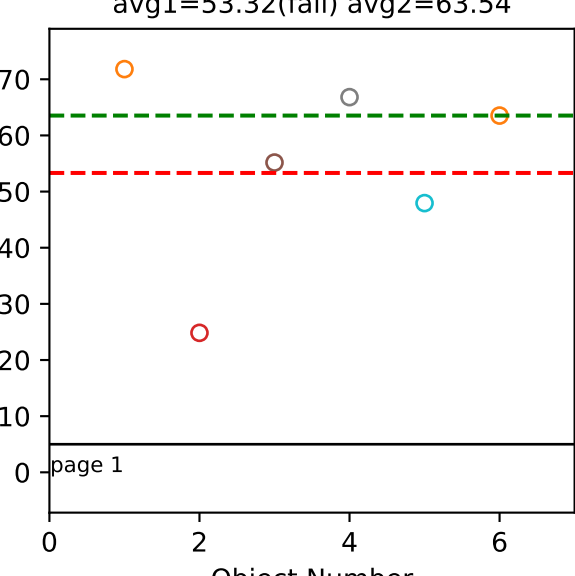
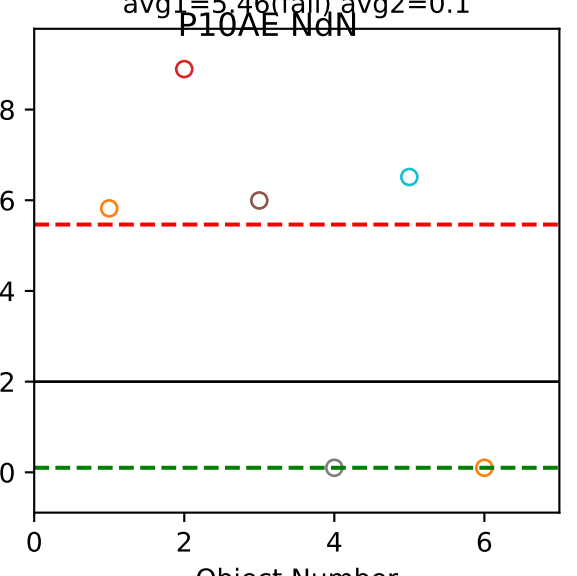
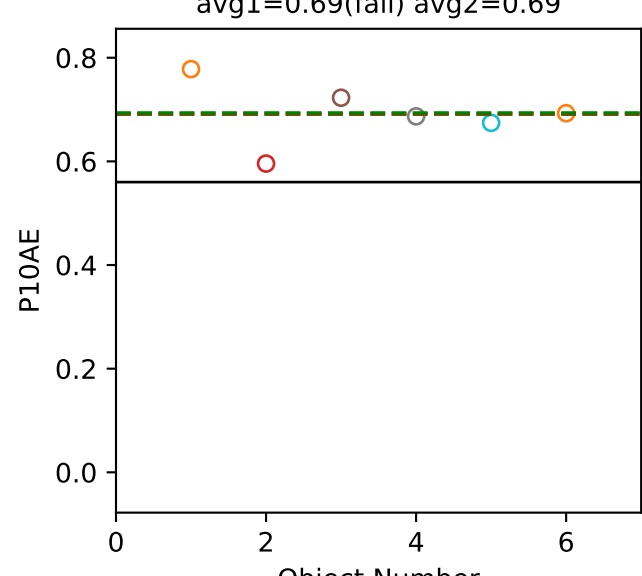


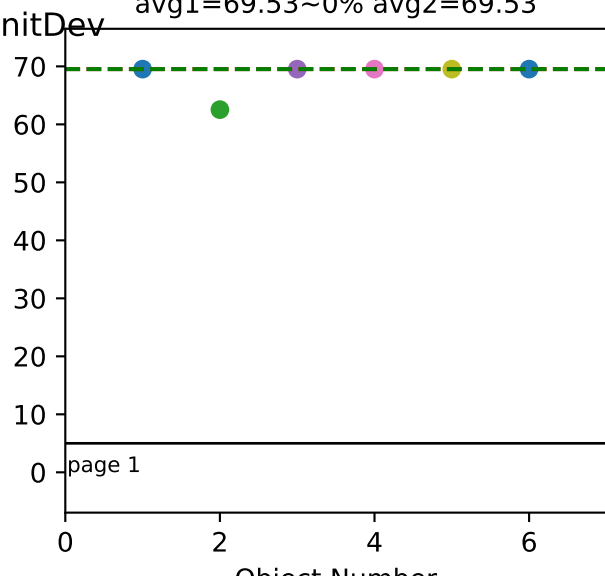
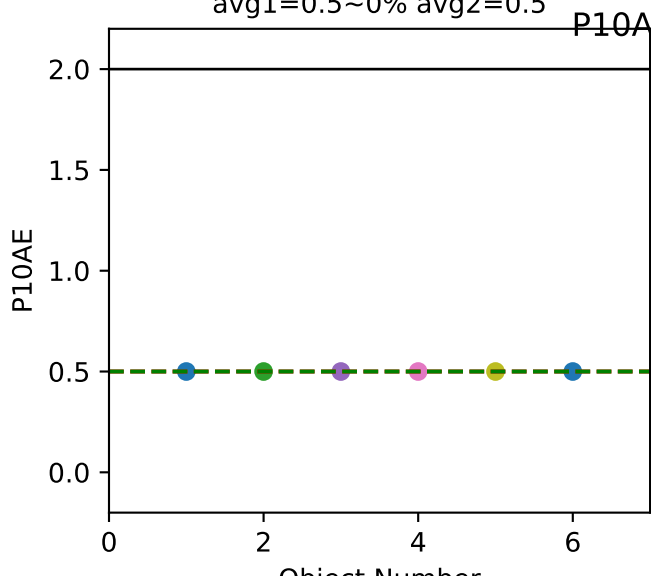
P10AE-114-7 (fit failed)



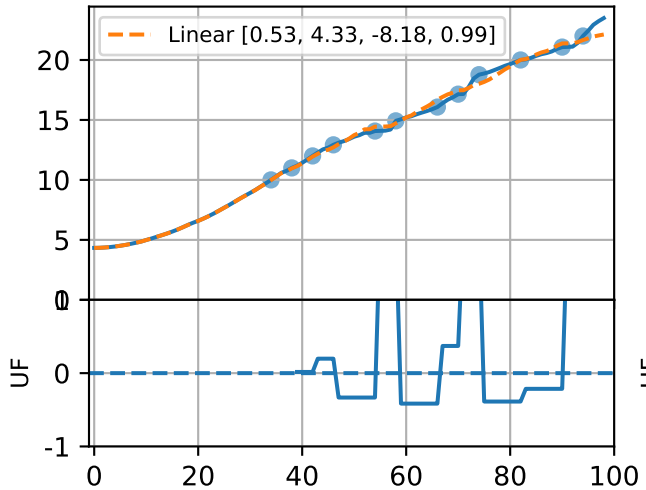
PI0AEavg (hit tailed) NdN



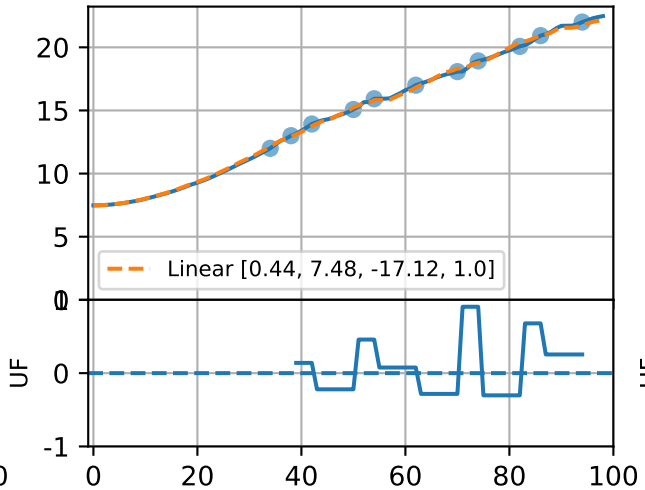




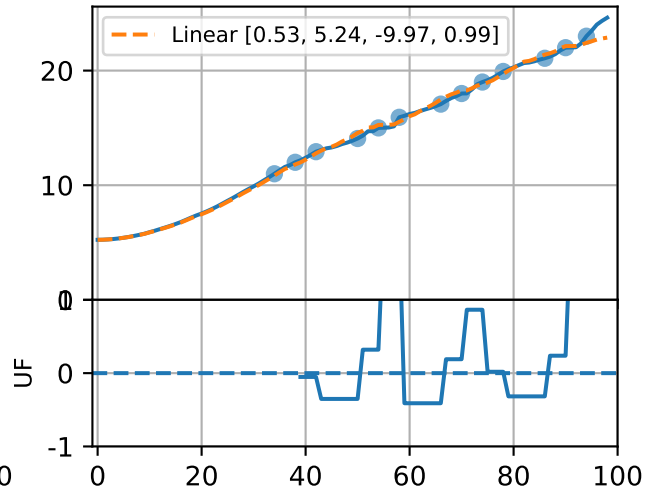
P10AE-081-12



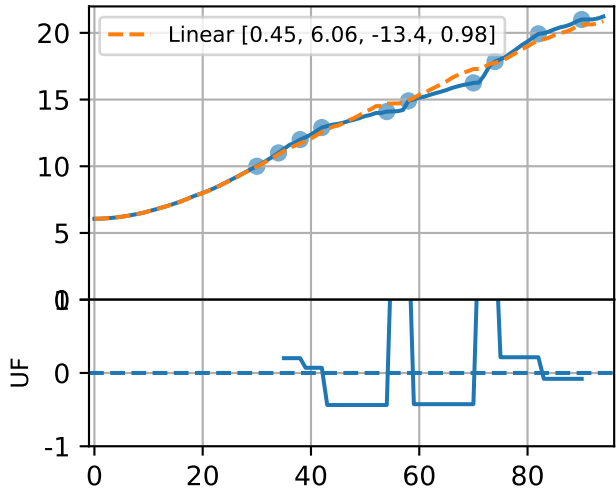
P10AE-087-27



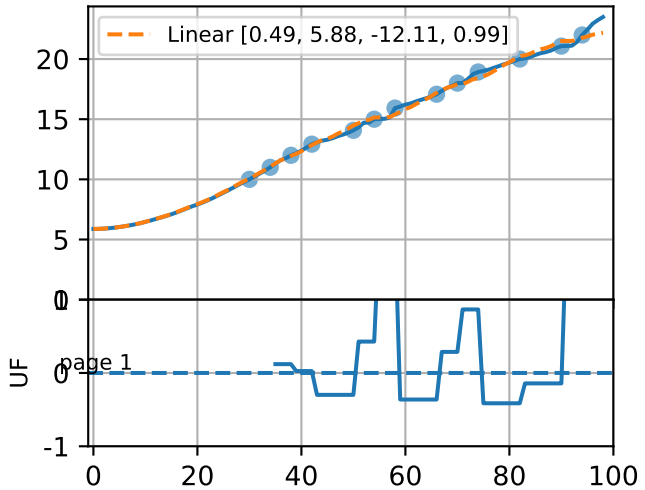
P10AE-095-20



P10AE-103-32

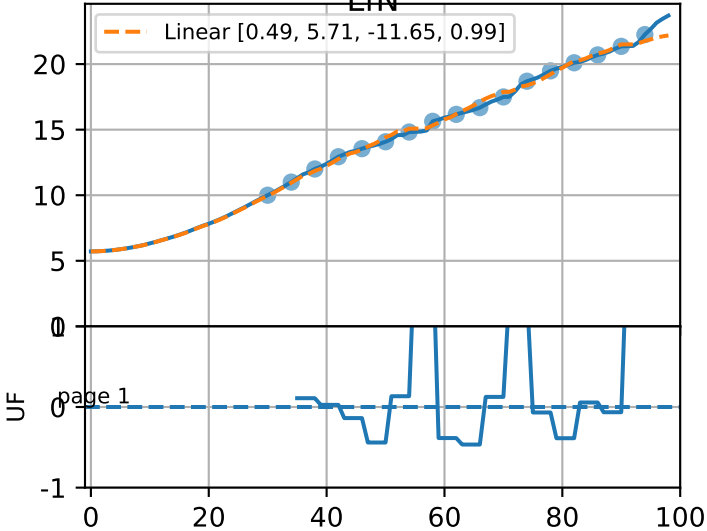


P10AE-114-7

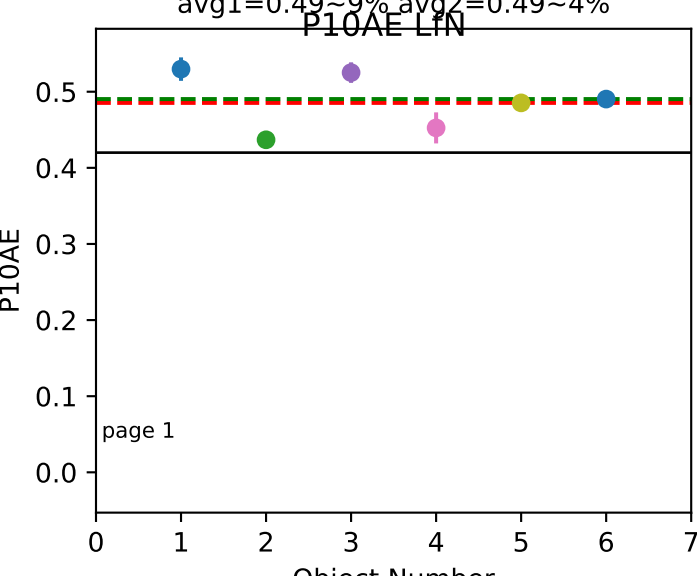


PIQALavg Lfn

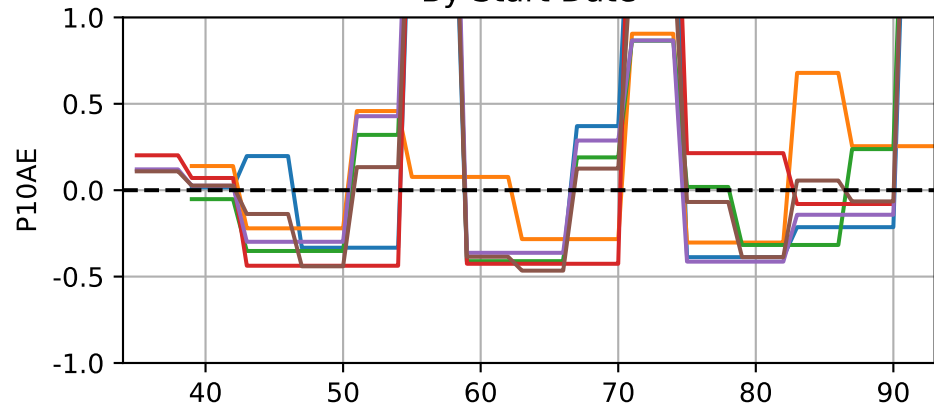
Linear [0.49, 5.71, -11.65, 0.99]



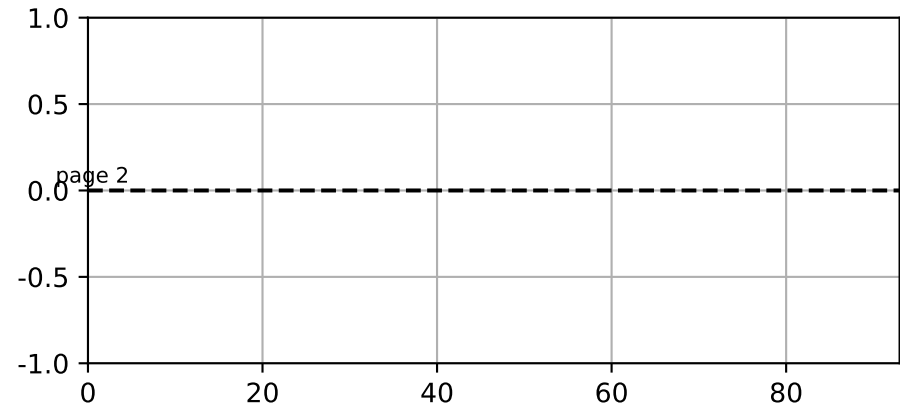
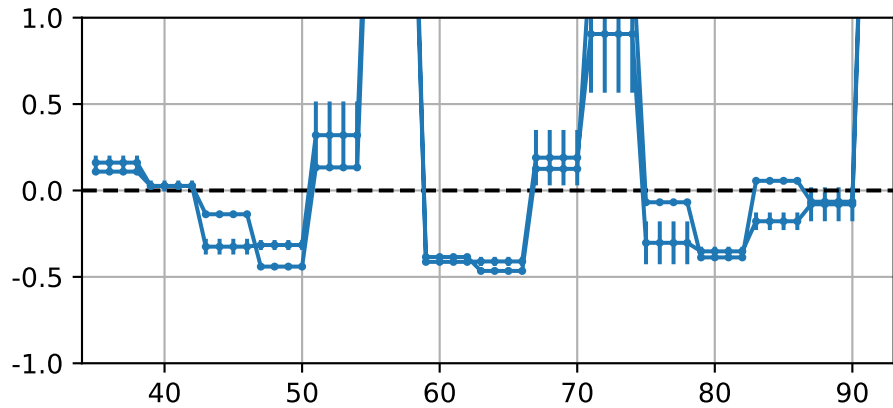
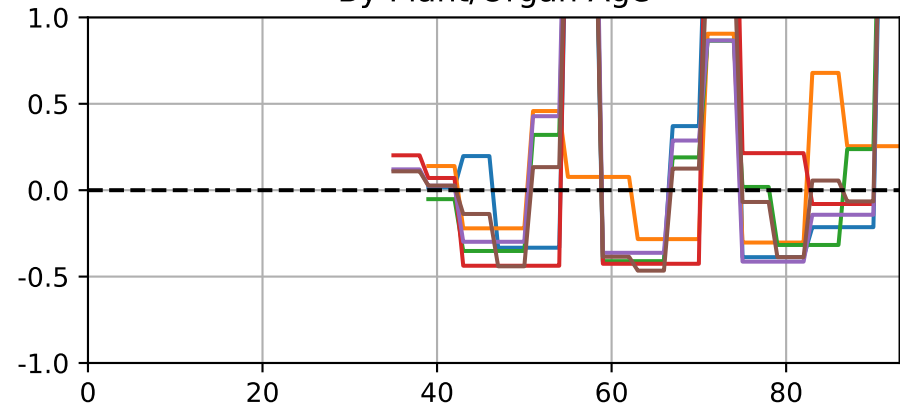
UF
page 1



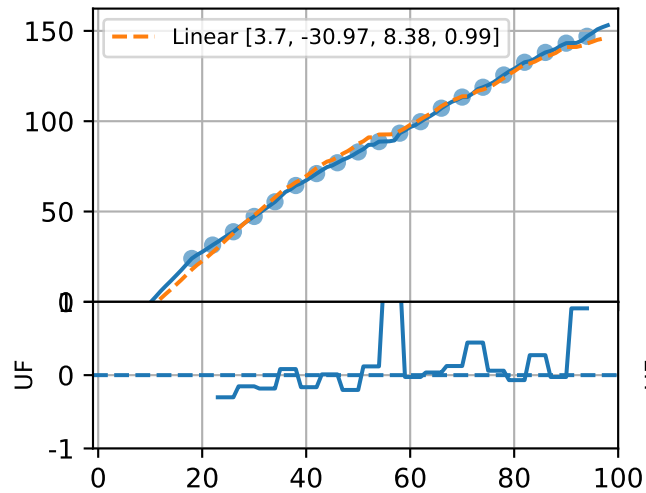
By Start Date



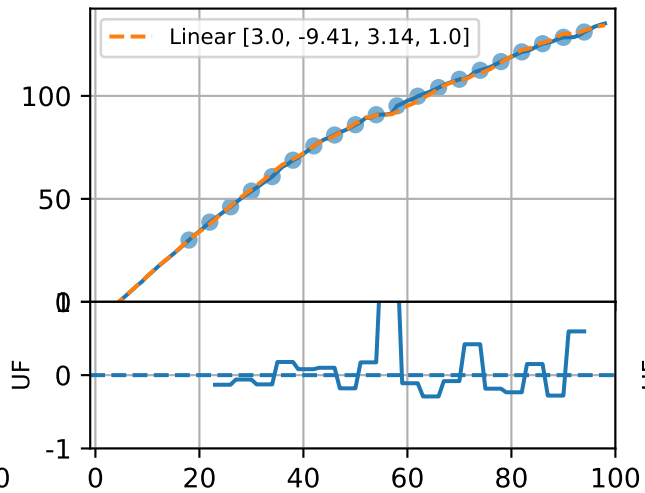
By Plant/Organ Age



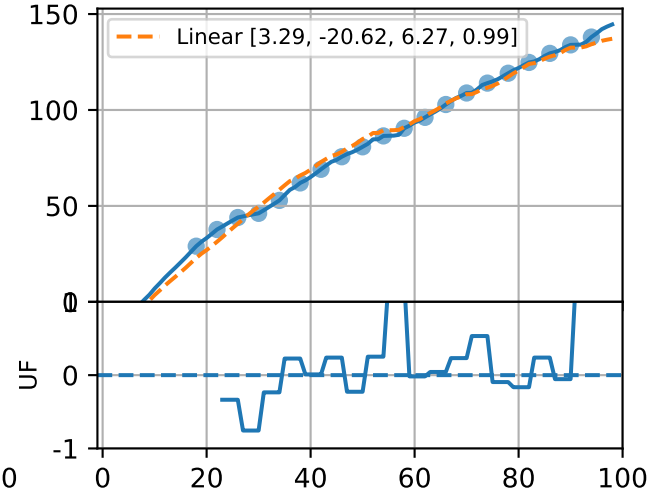
P10AE-081-12



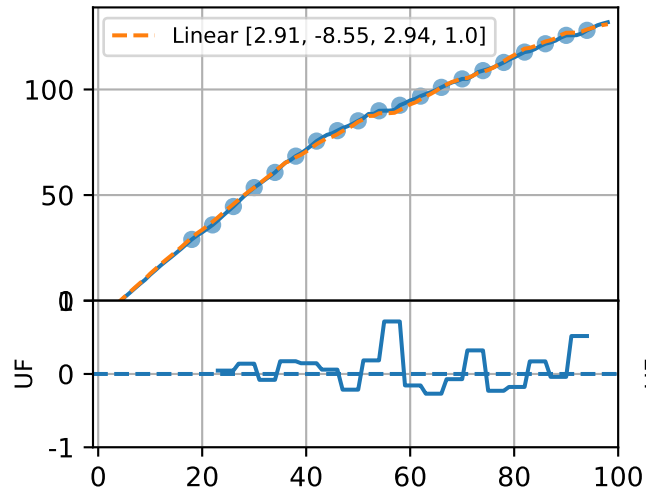
P10AE-087-27



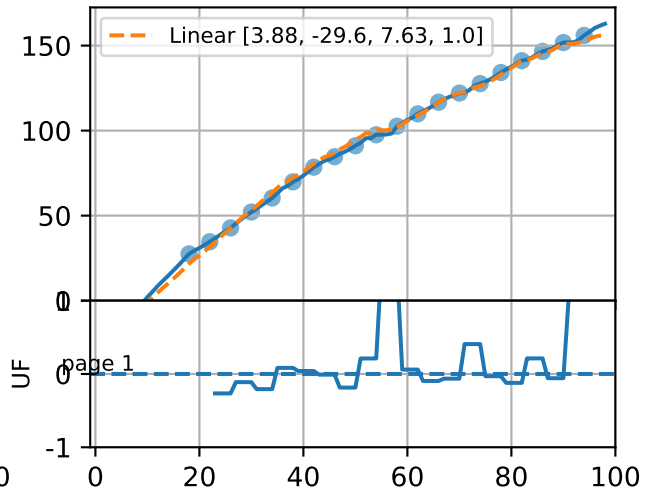
P10AE-095-20



P10AE-103-32

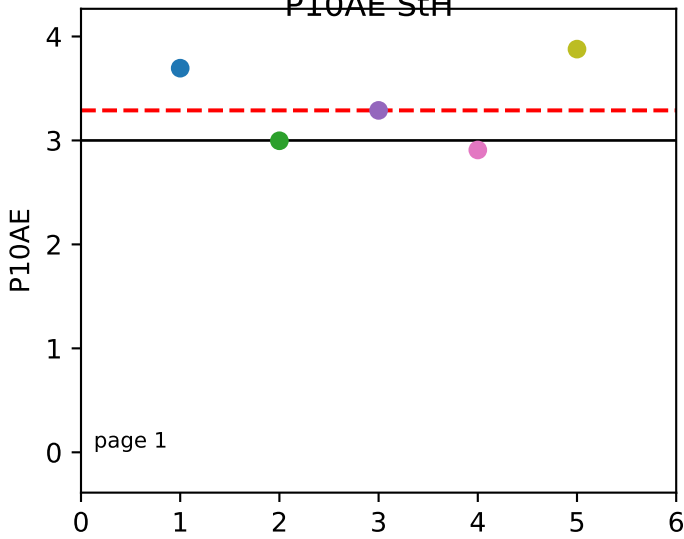


P10AE-114-7



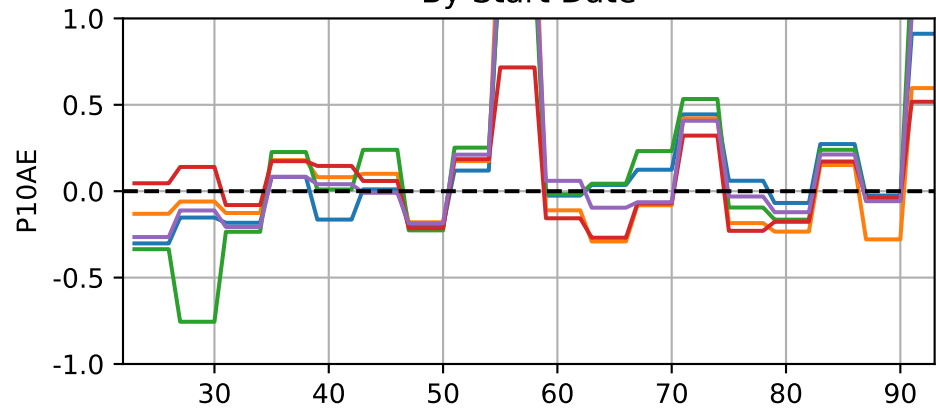
avg1=3.29 ~ 13% avg2=na

P10AE StH

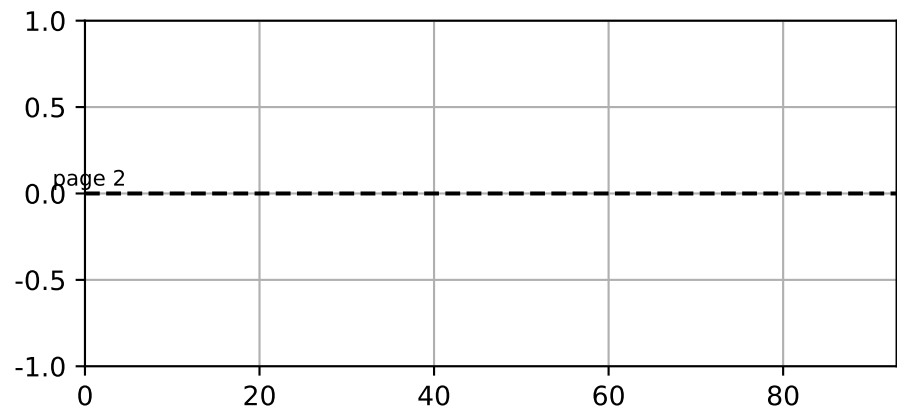
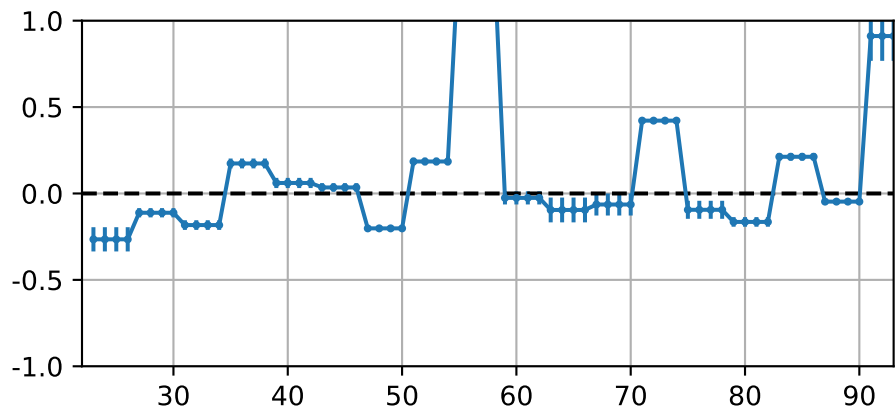
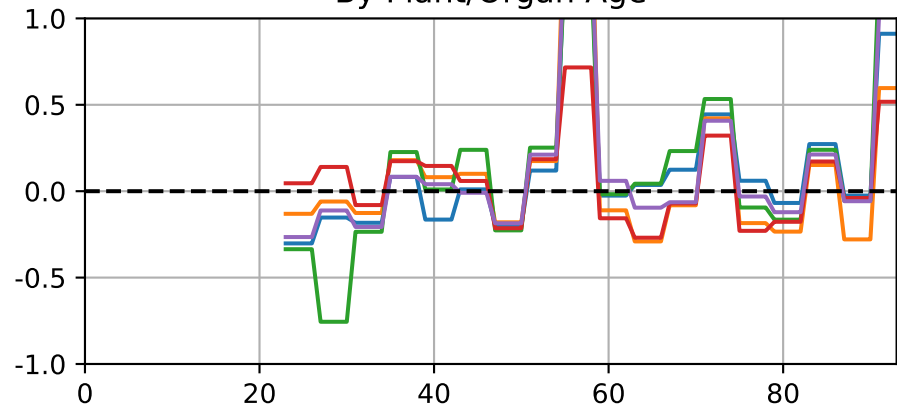


page 1

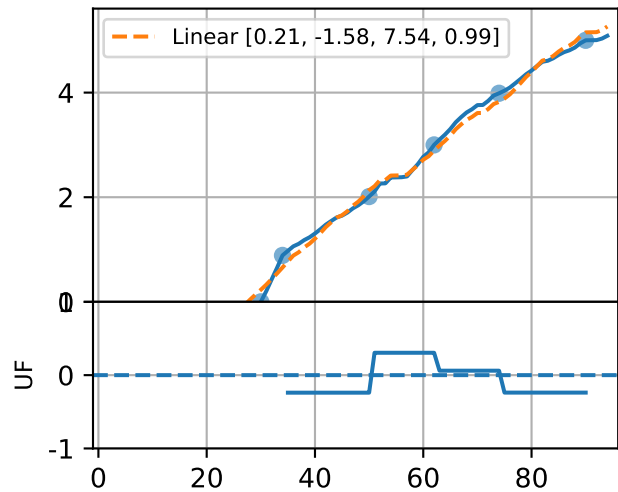
By Start Date



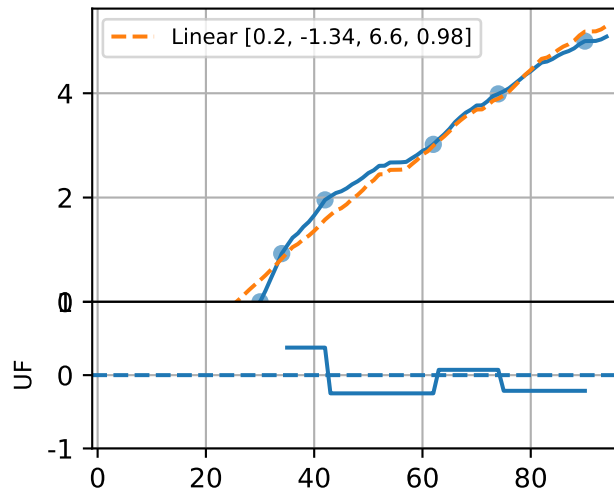
By Plant/Organ Age



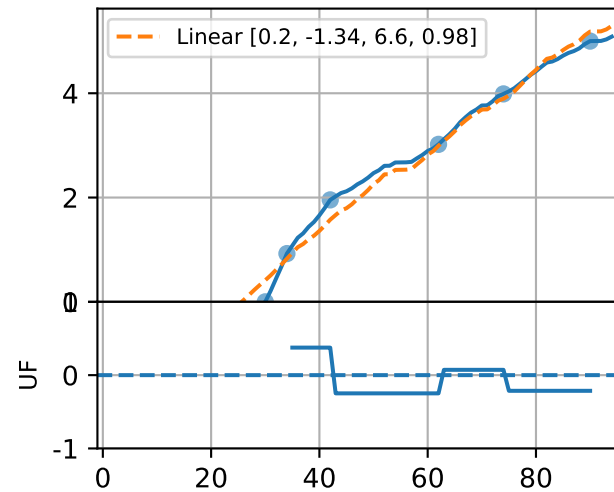
P10AE-081-12



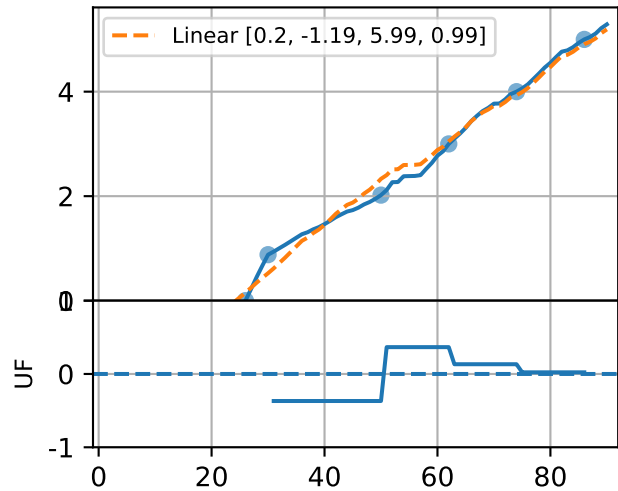
P10AE-087-27



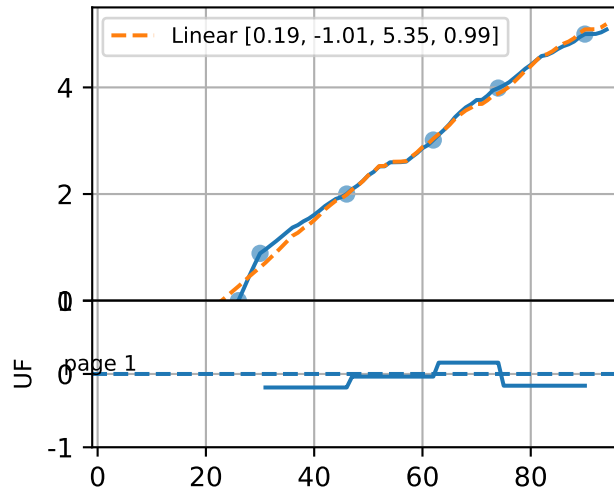
P10AE-095-20



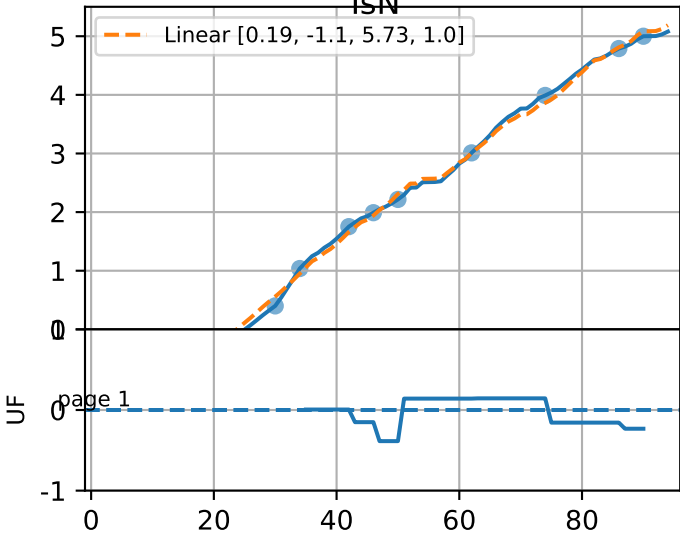
P10AE-103-32



P10AE-114-7



PIQA Avg
ISN

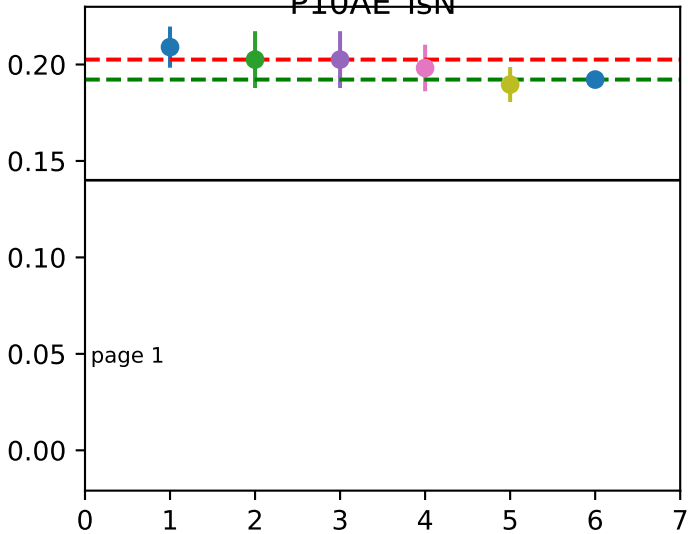


UF

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avg1=0.2~2% avg2=0.19~5%

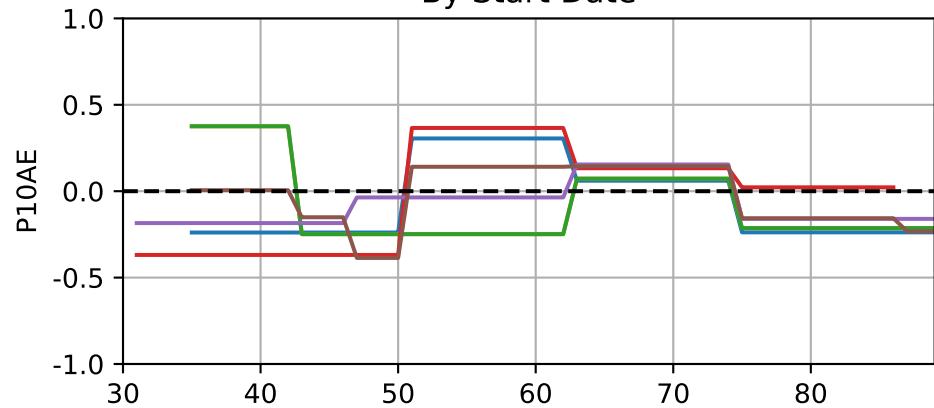
P10AE TSN



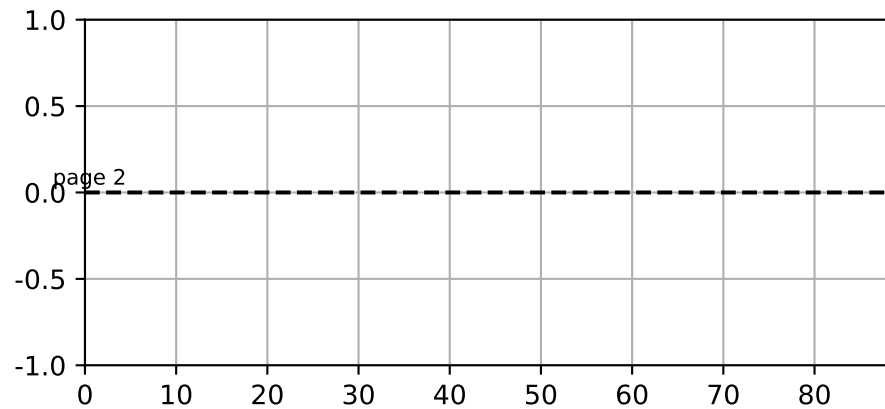
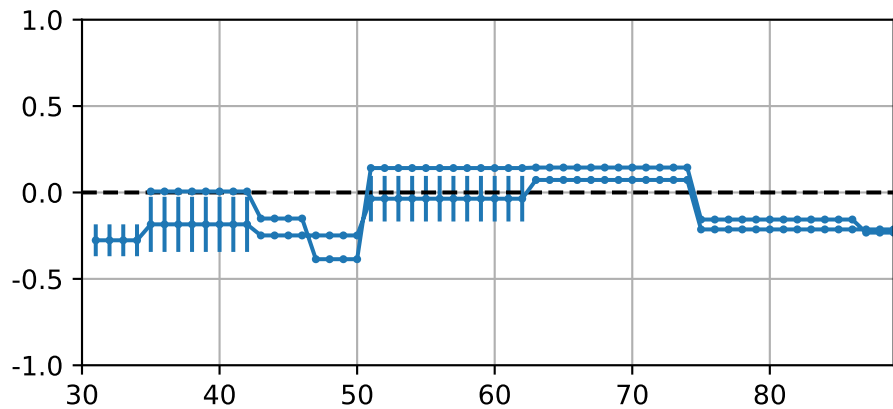
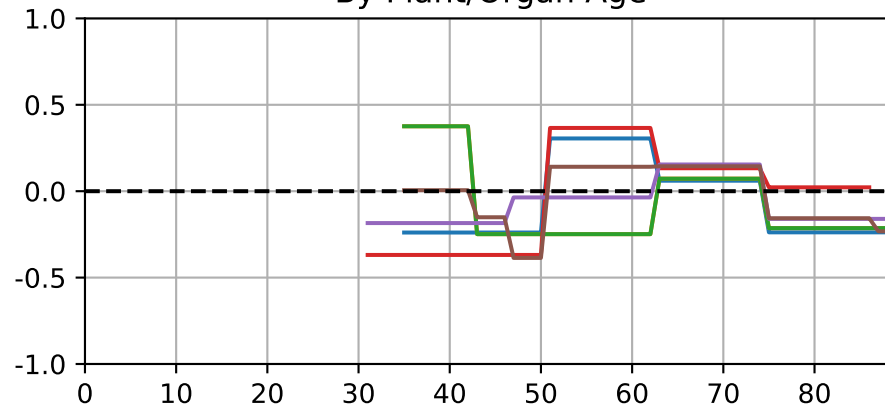
page 1

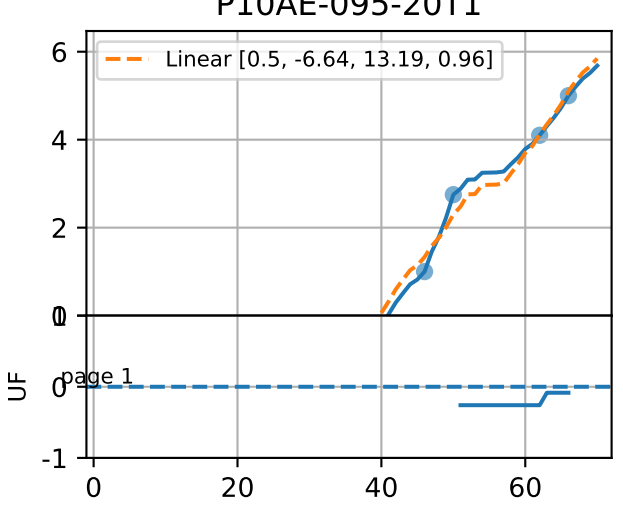
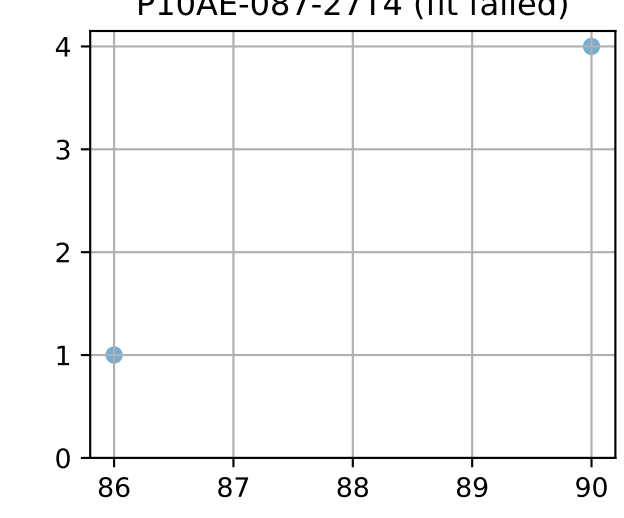
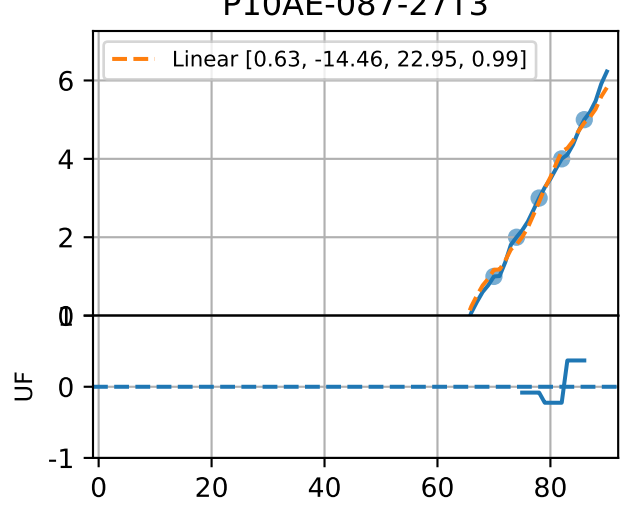
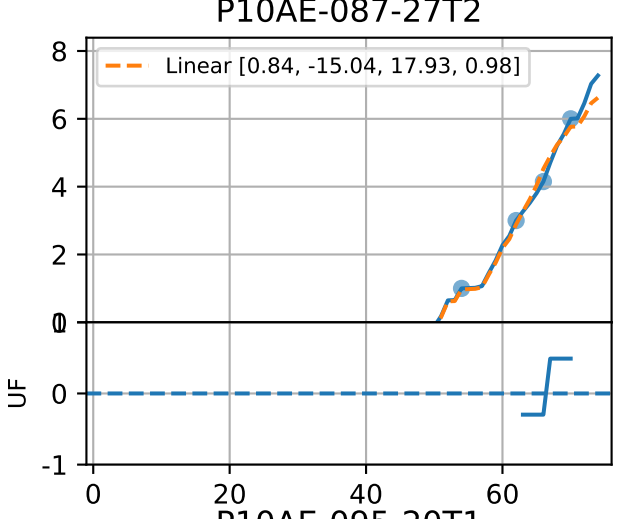
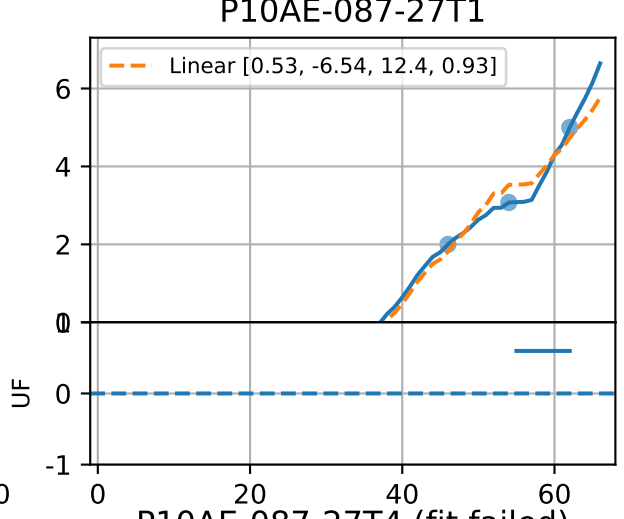
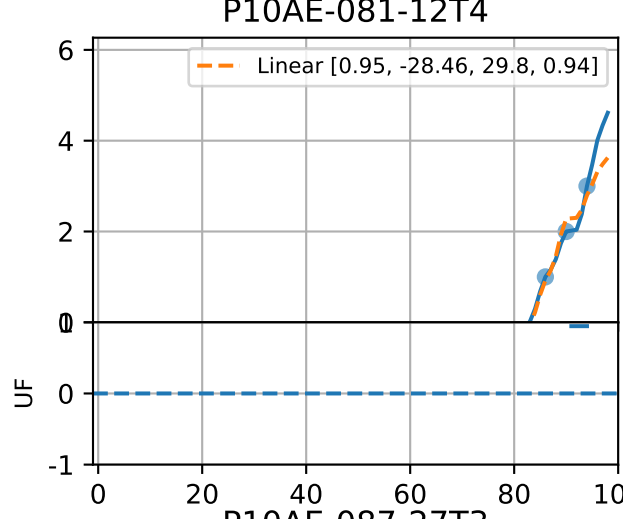
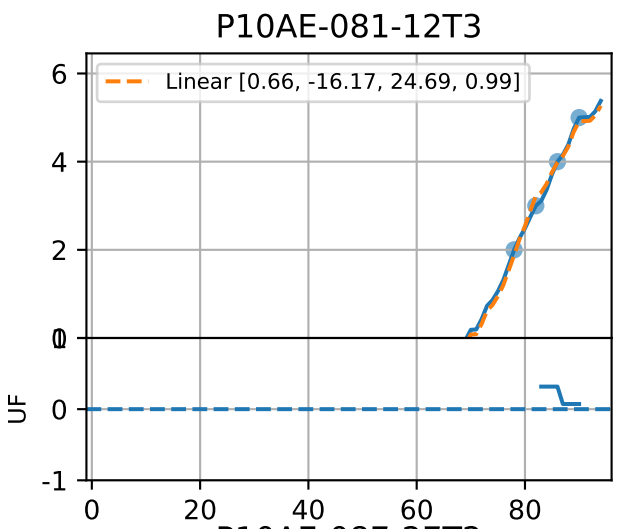
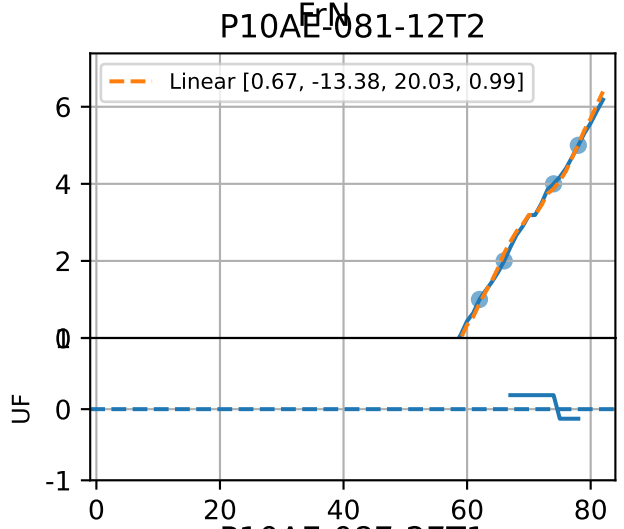
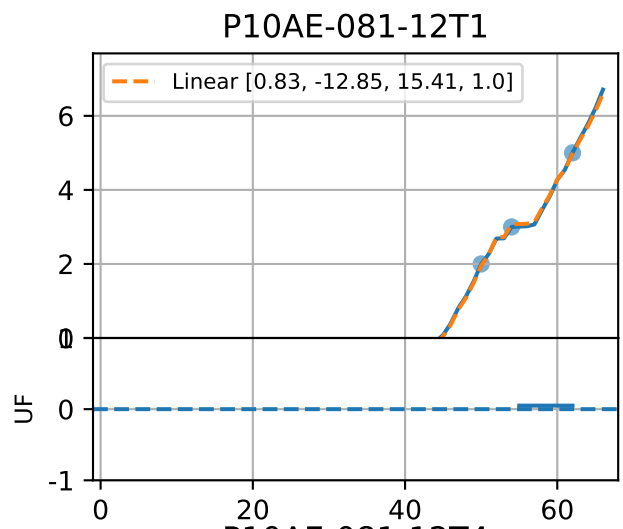
Object Number

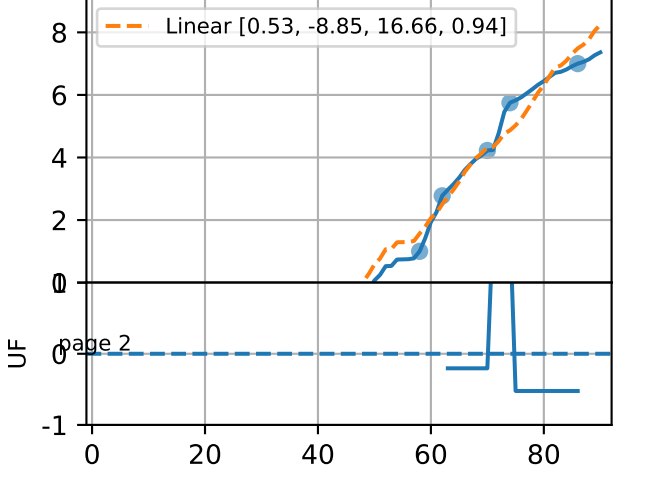
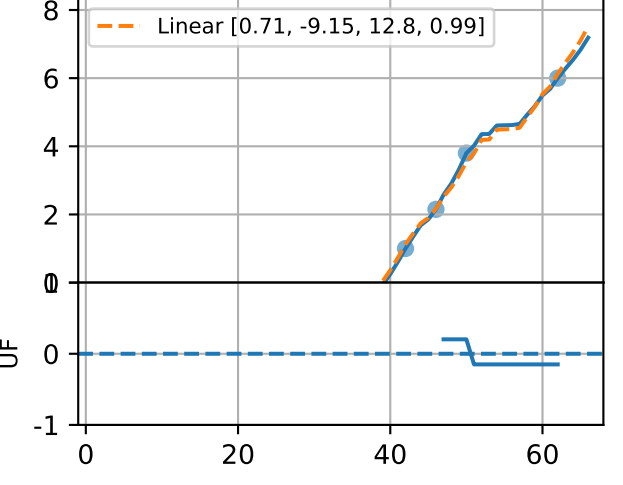
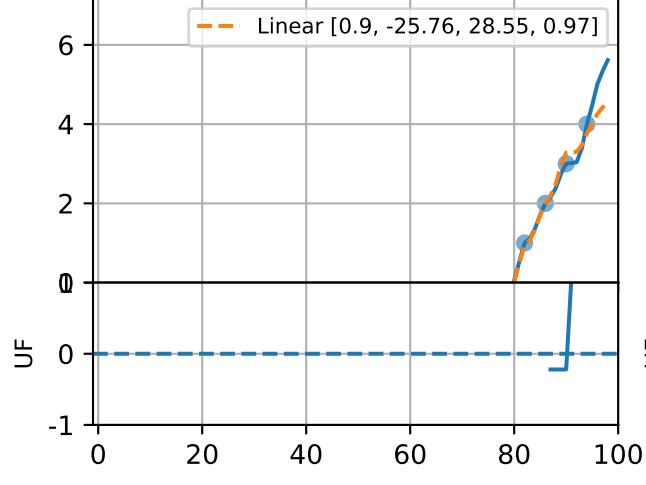
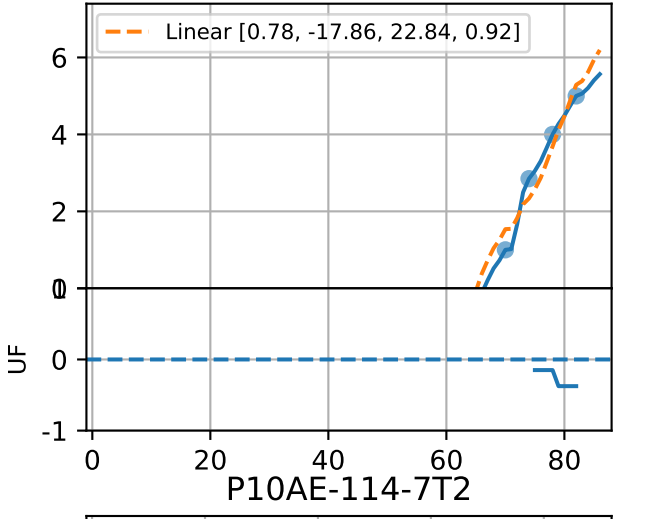
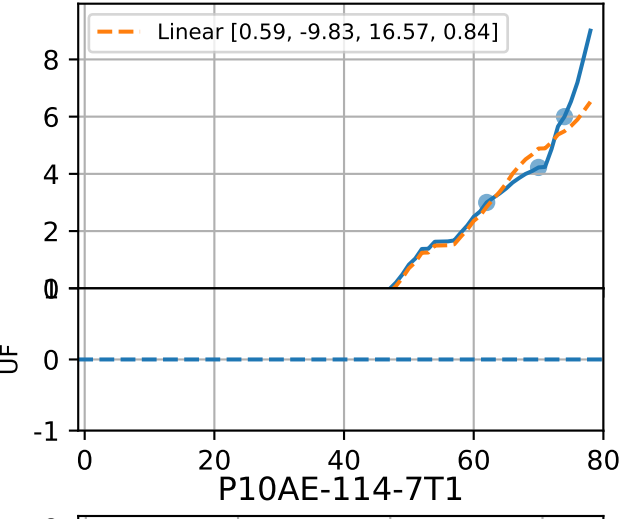
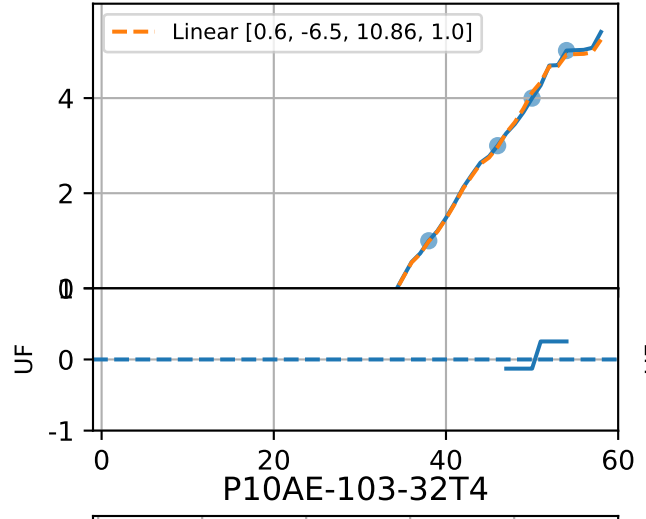
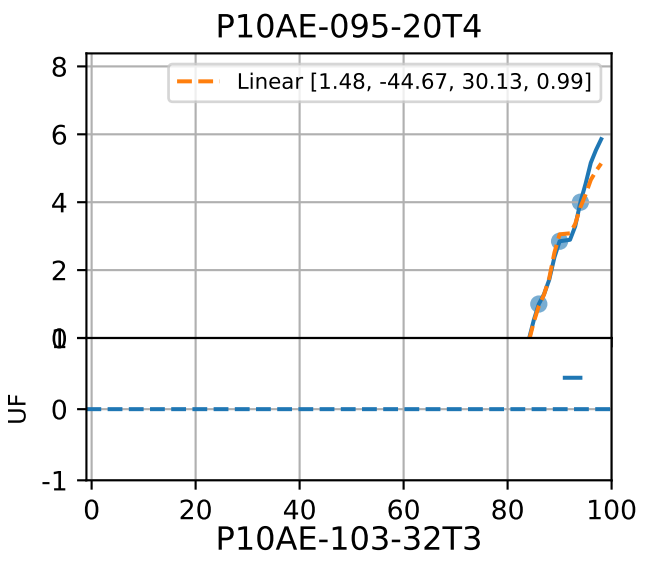
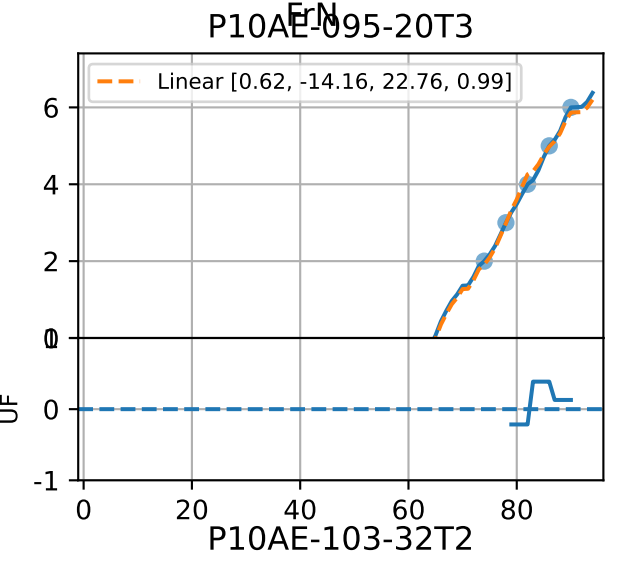
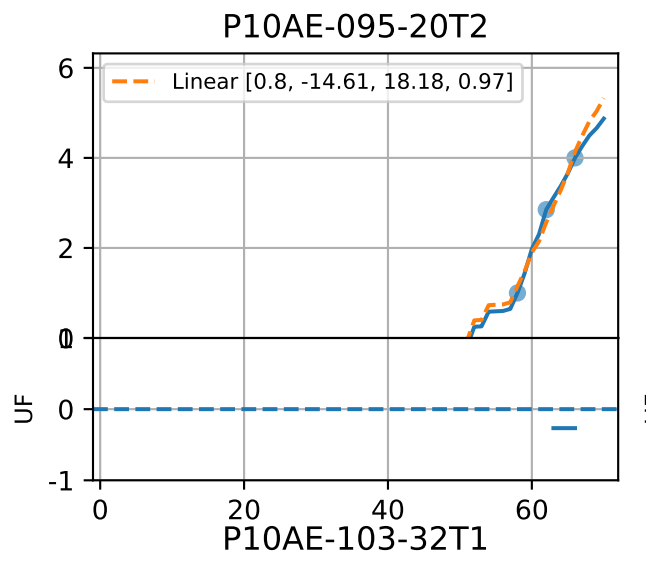
By Start Date



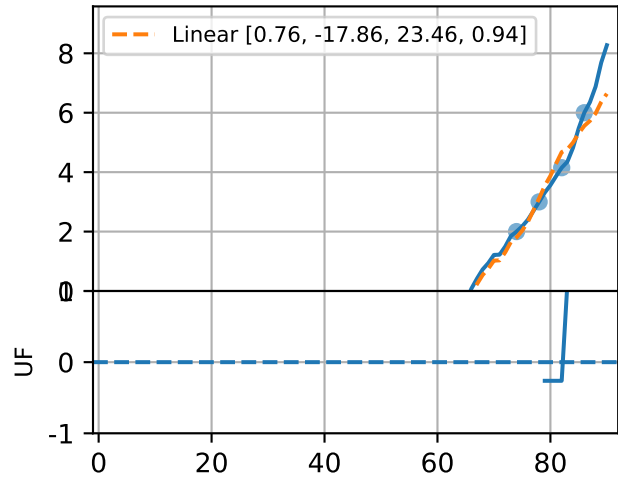
By Plant/Organ Age



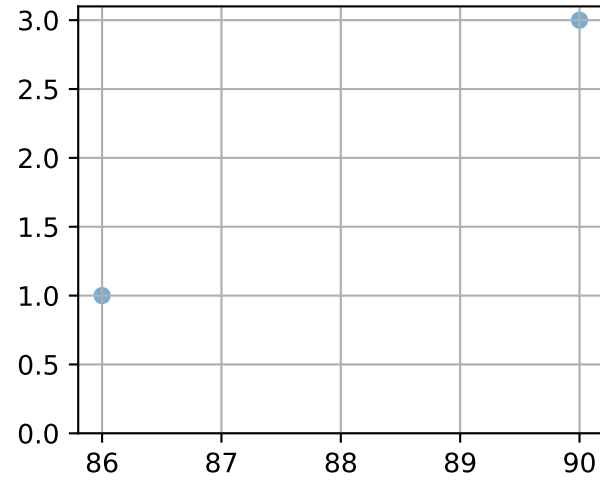




P10AE-114-7T3



P10AE-114-7T4 (fit failed)



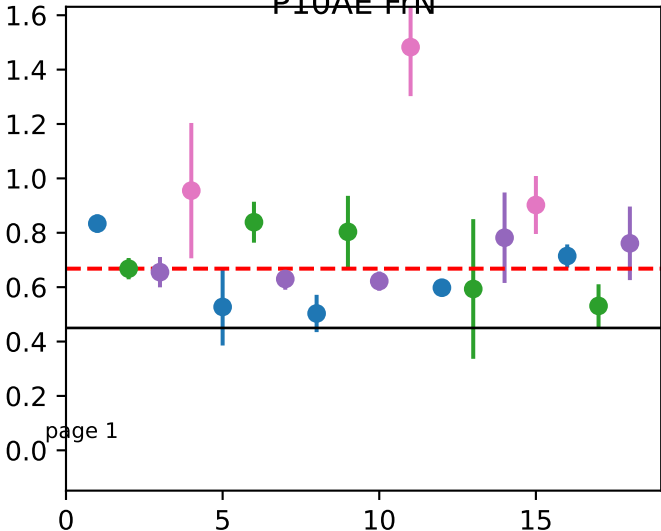
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P10AE FrN

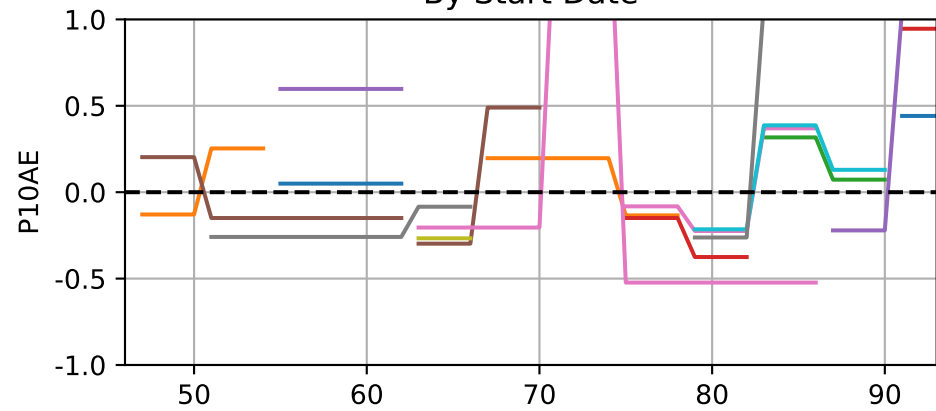
P10AE

Object Number

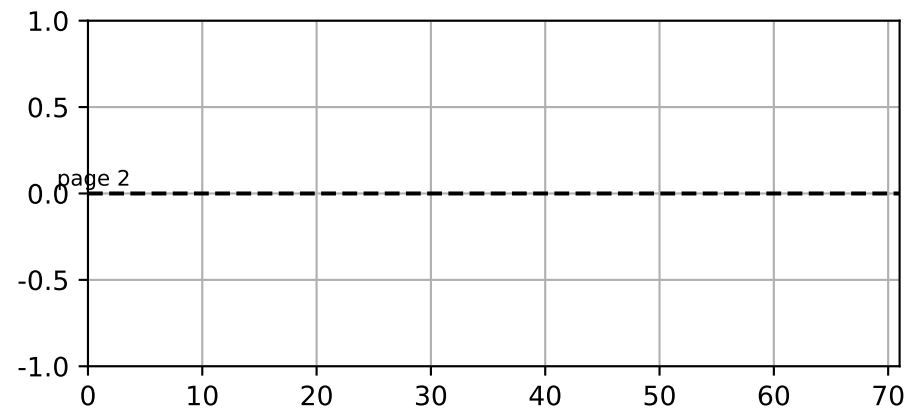
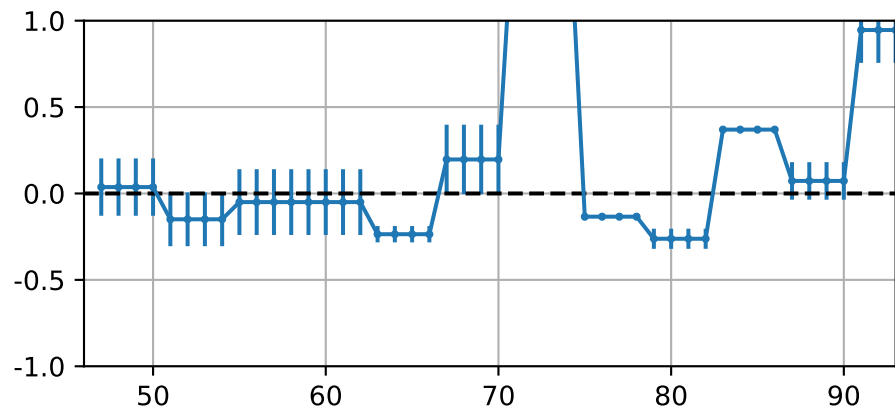
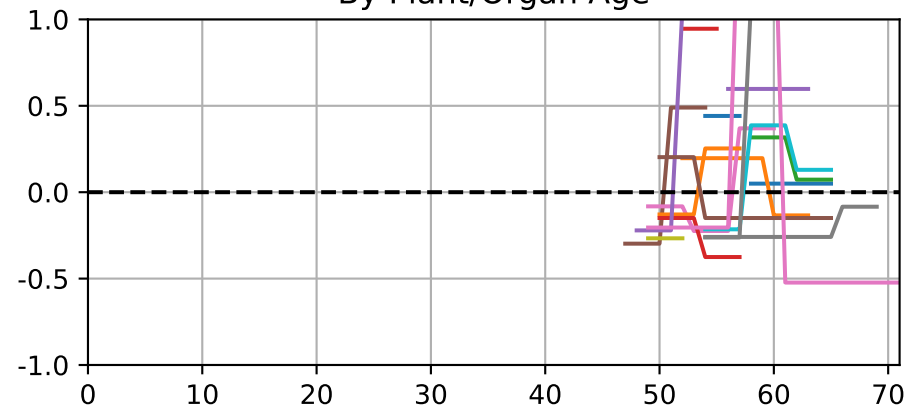
page 1



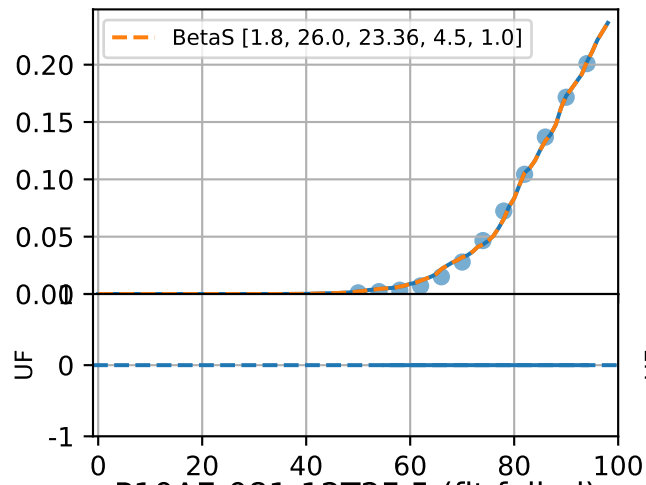
By Start Date



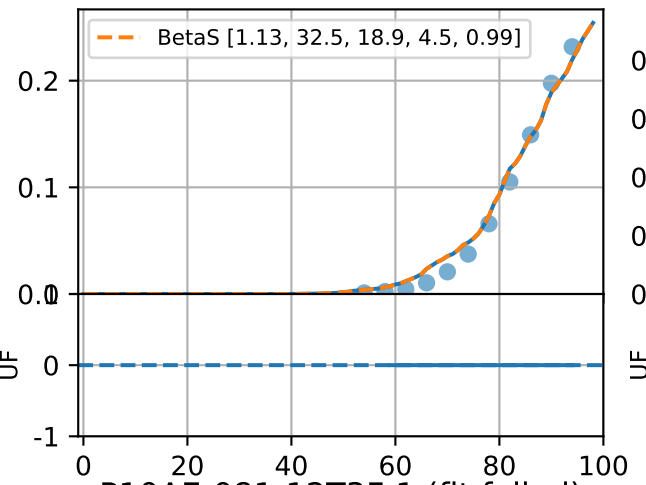
By Plant/Organ Age



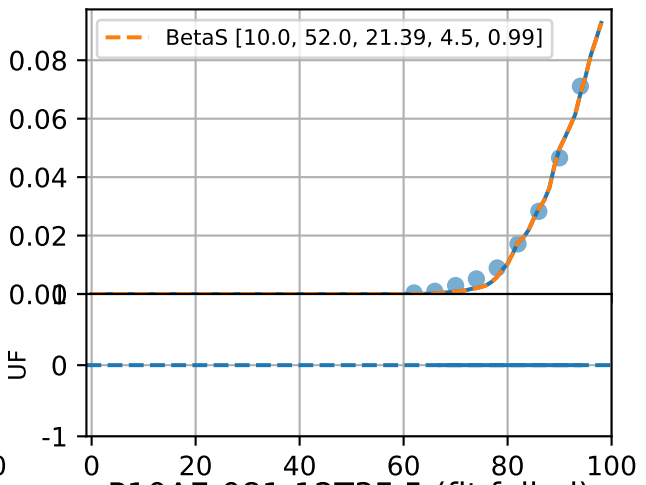
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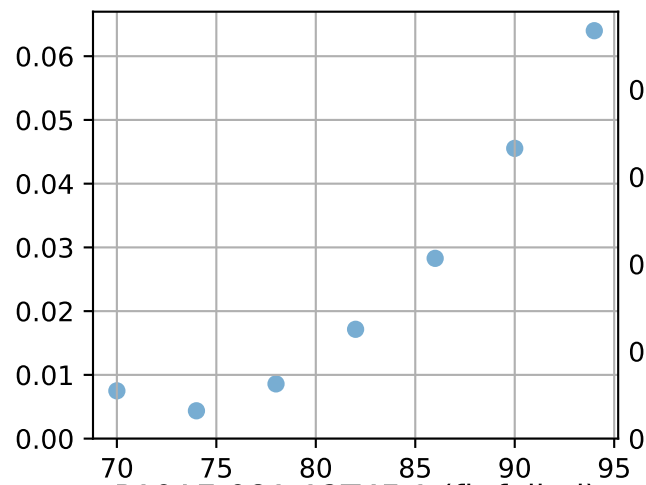
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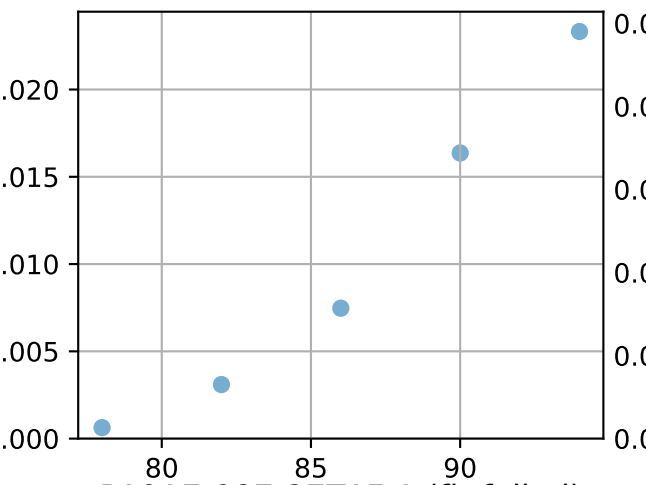
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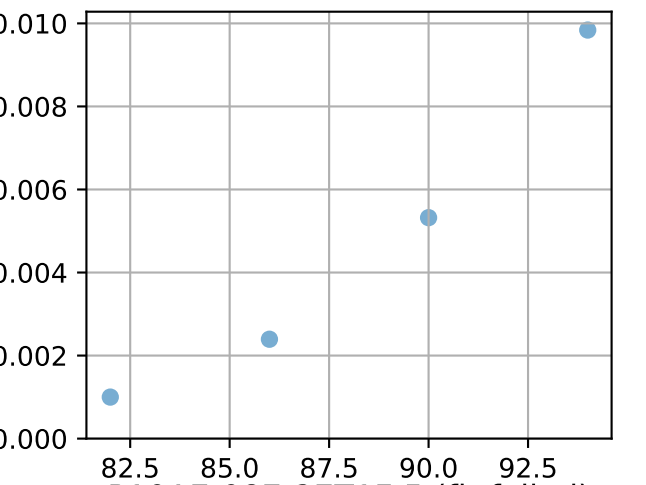
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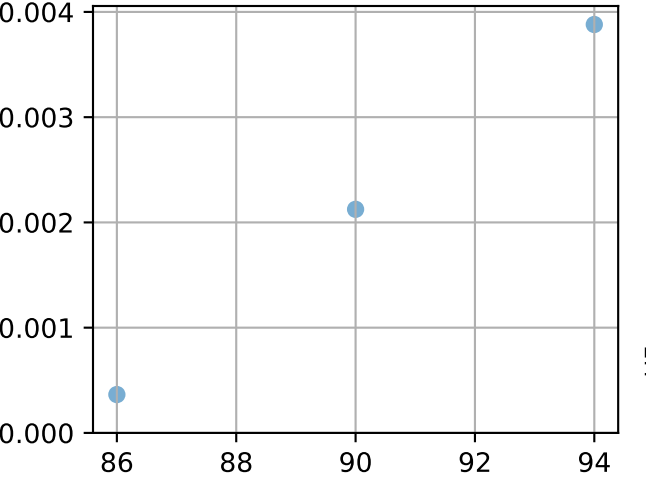
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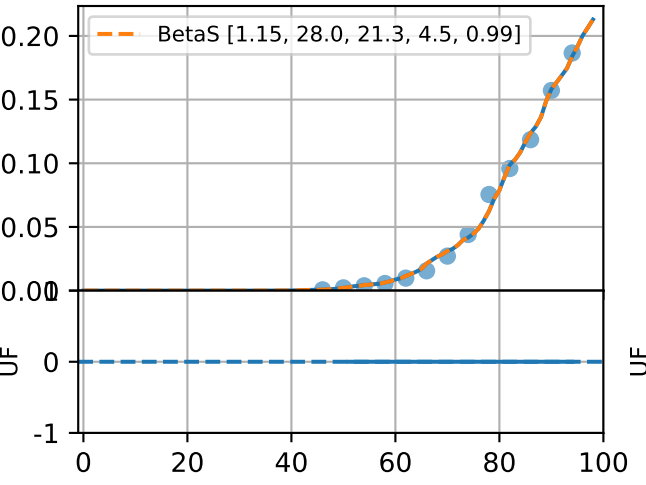
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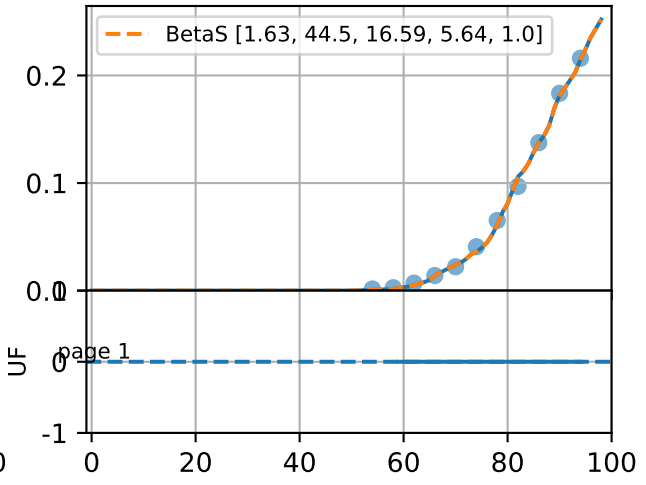
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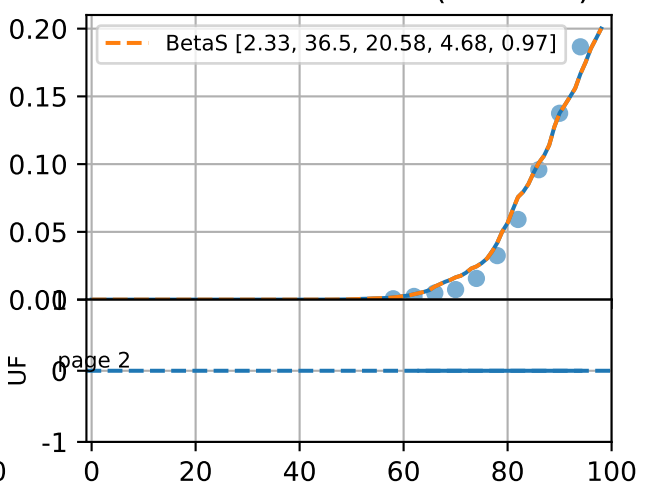
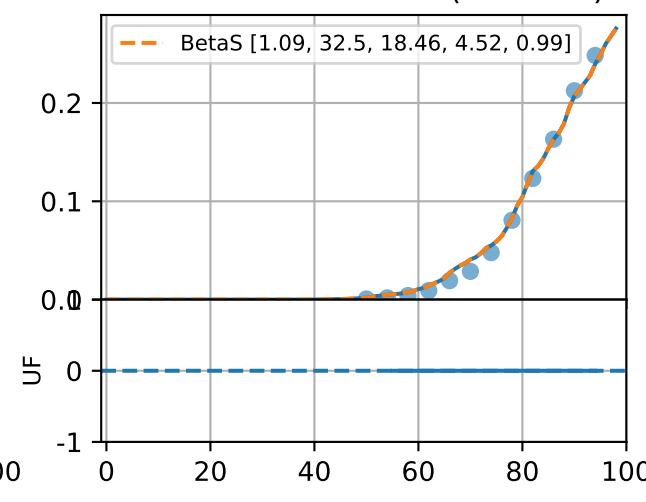
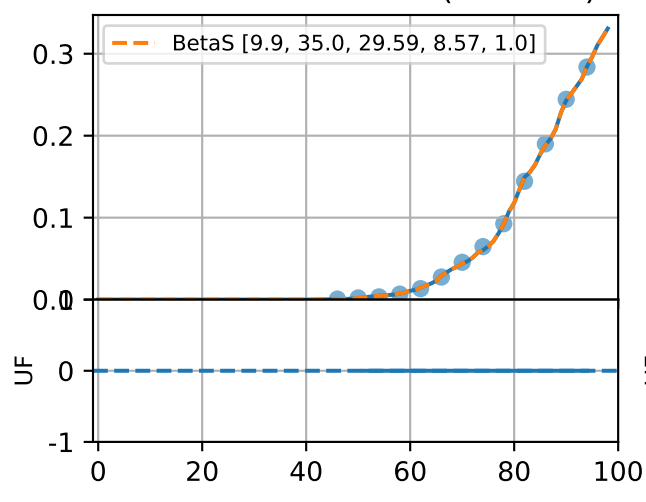
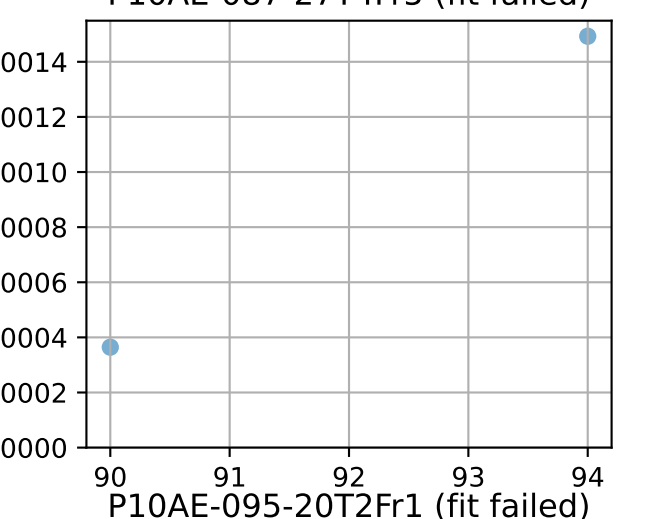
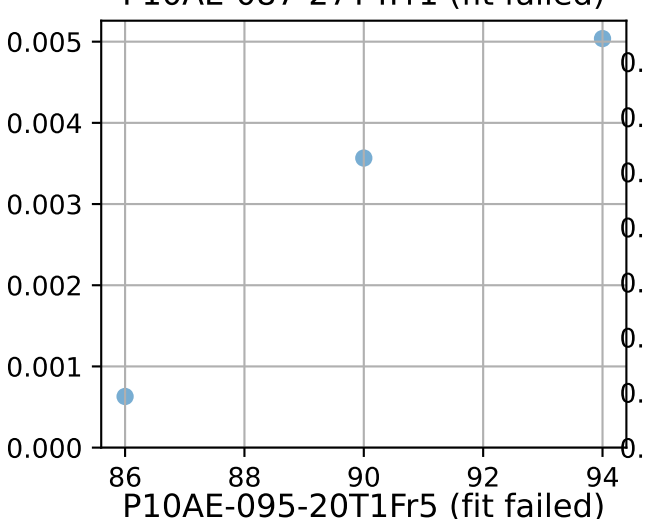
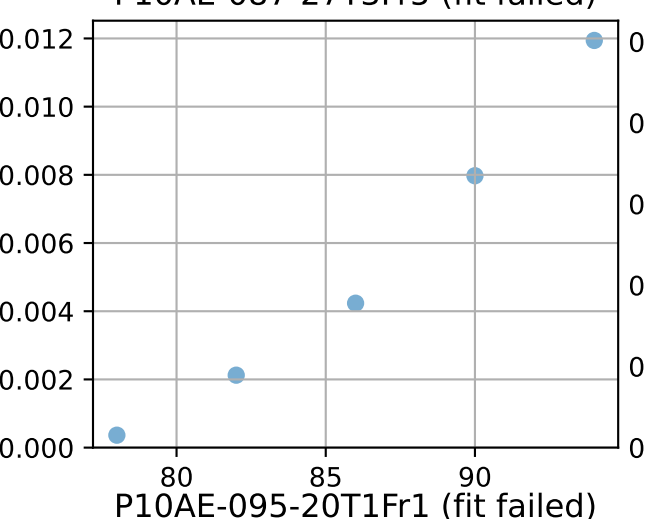
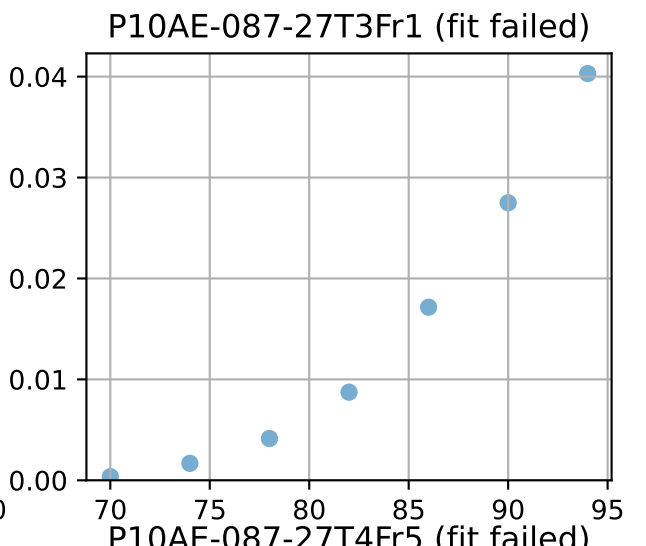
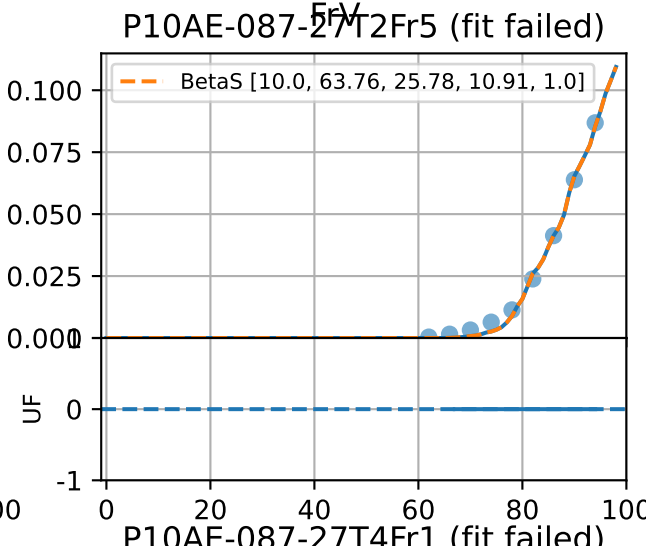
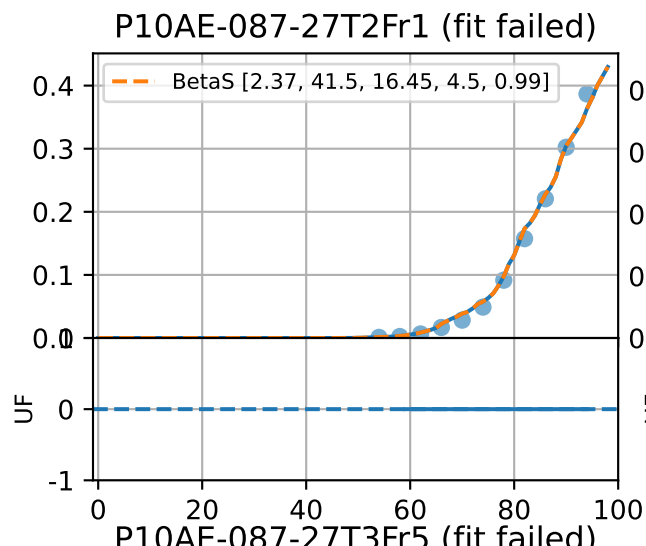


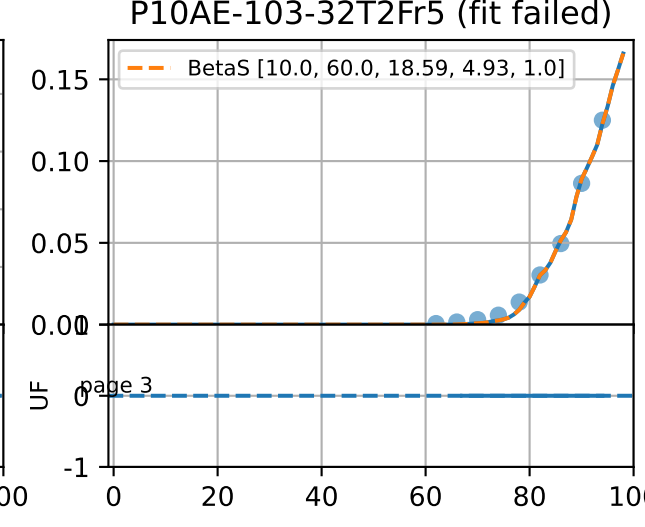
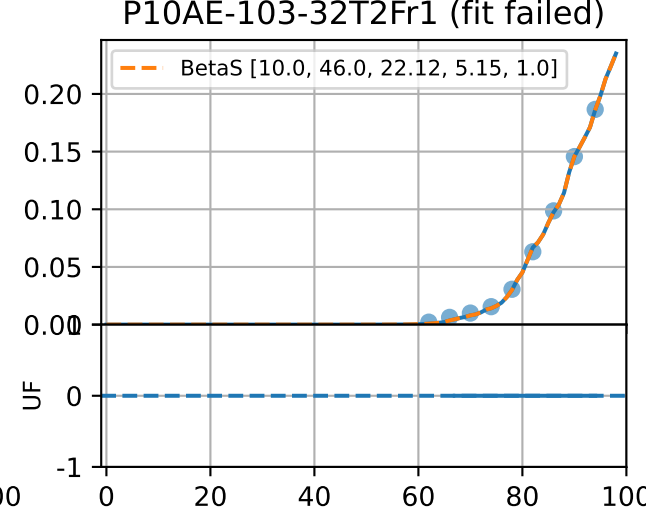
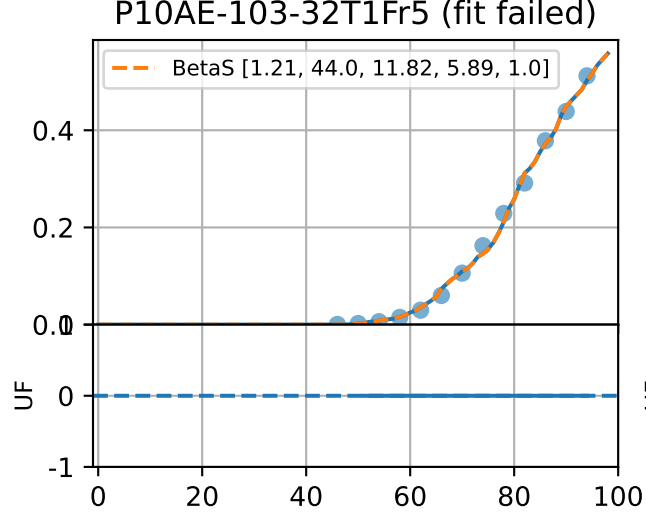
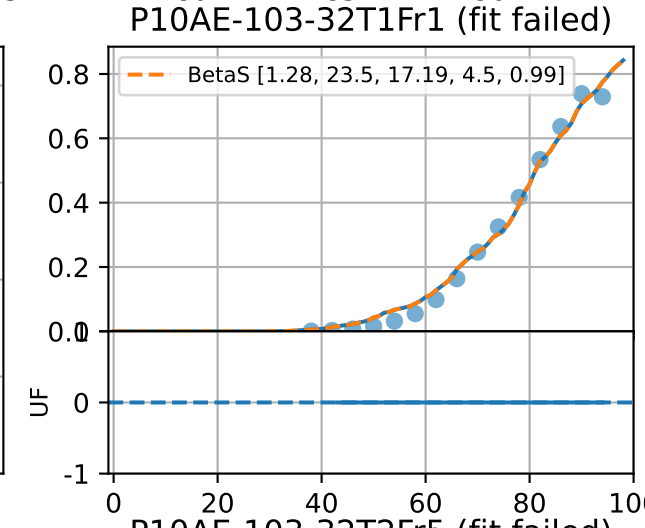
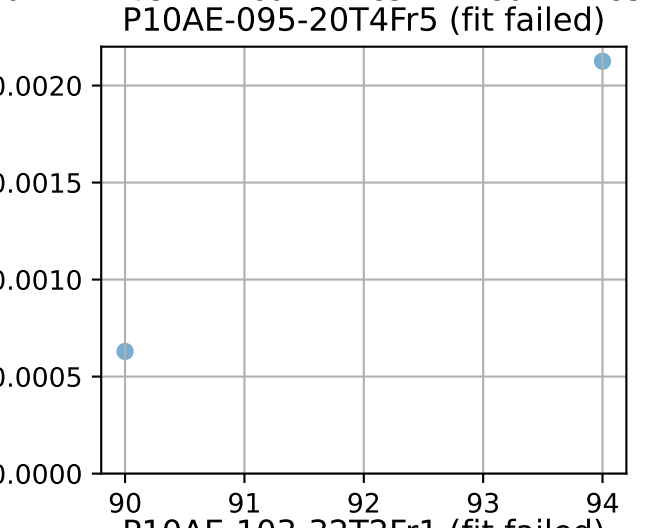
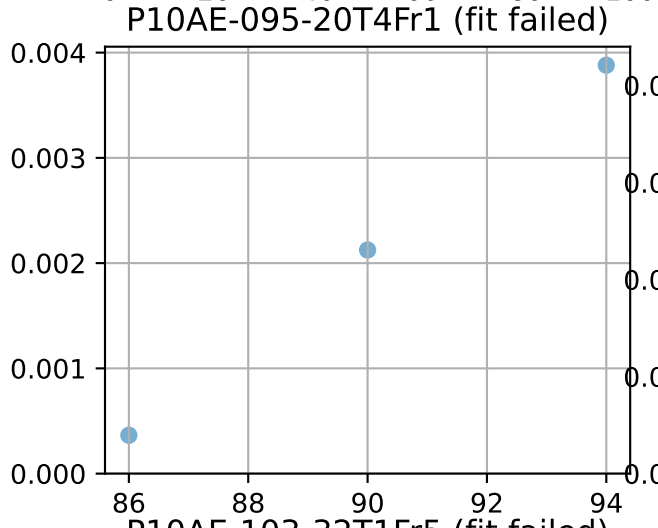
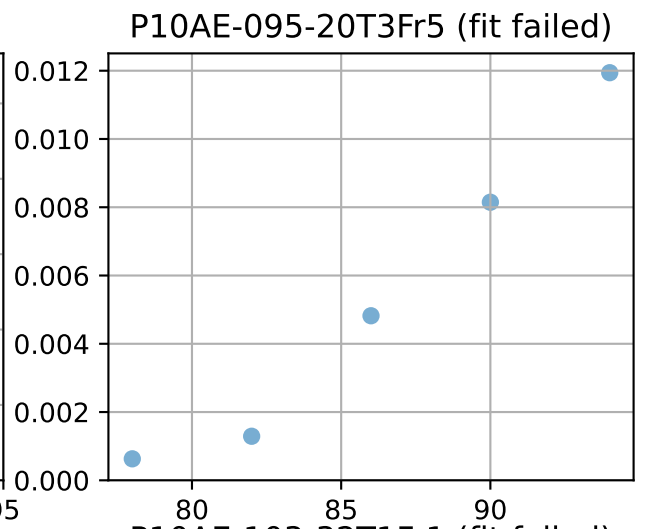
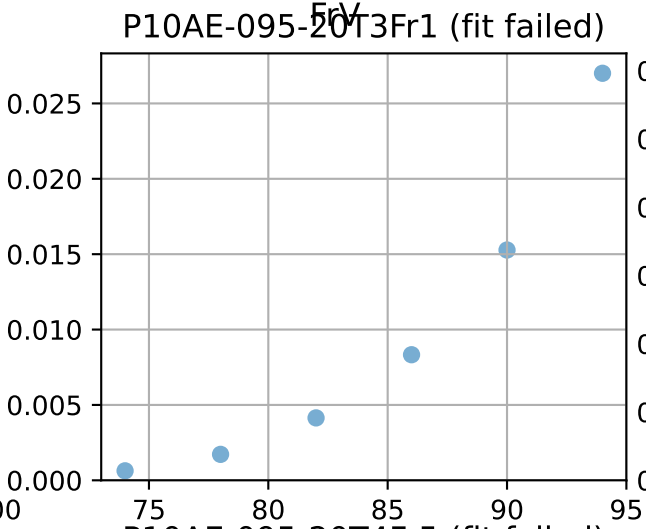
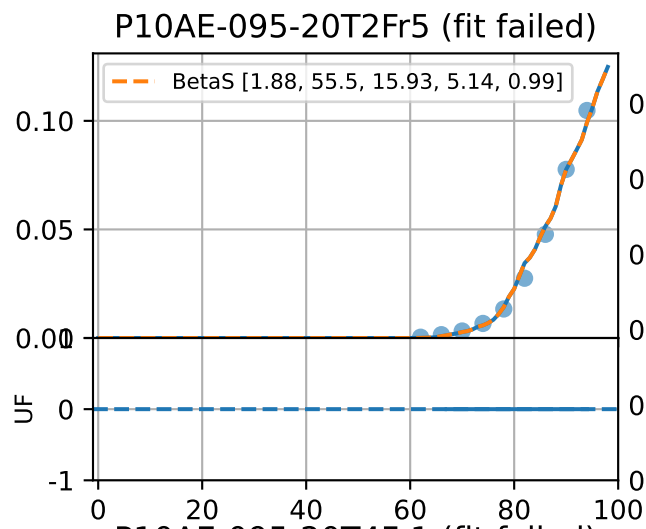
P10AE-087-27T1Fr1 (fit failed)

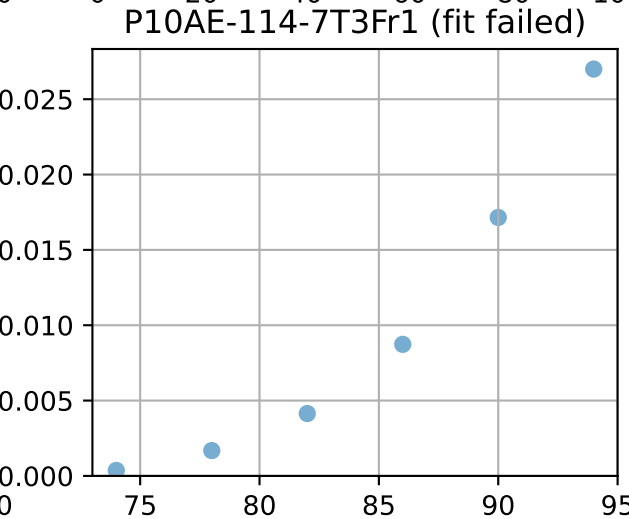
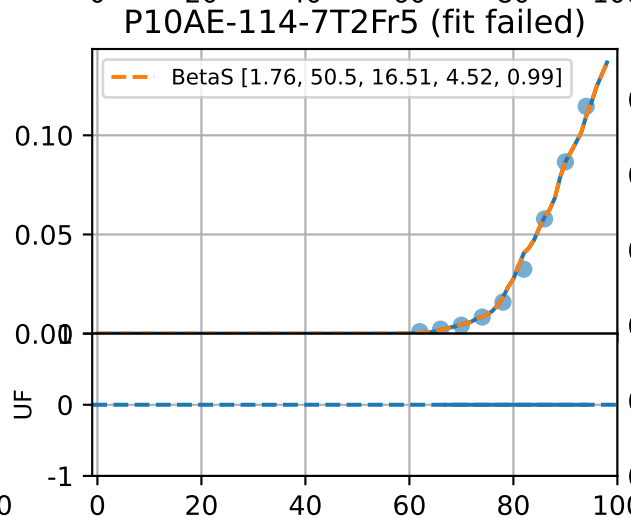
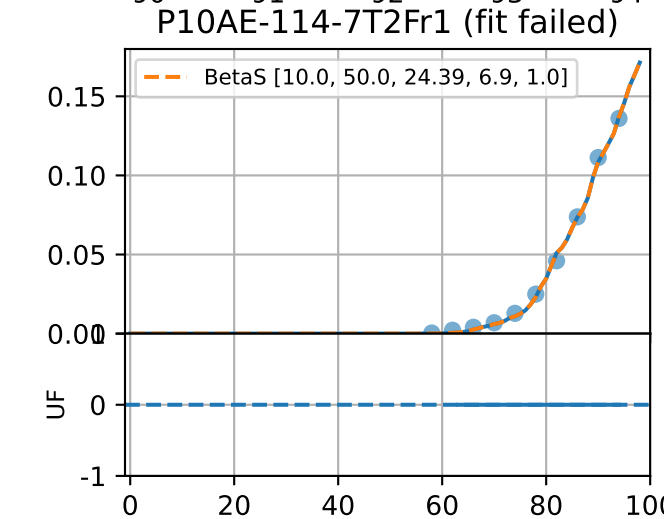
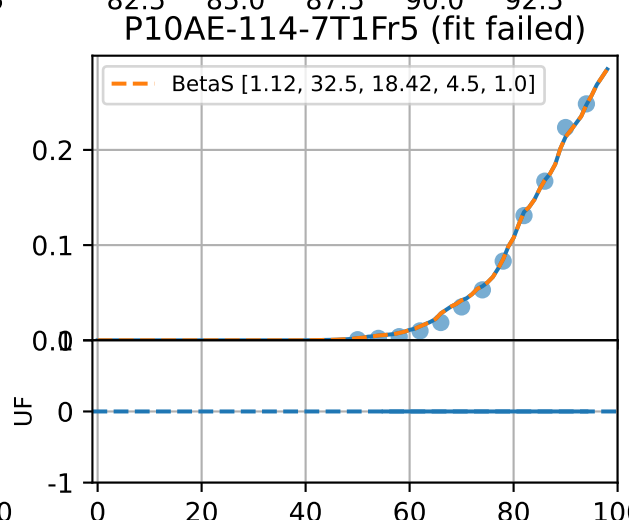
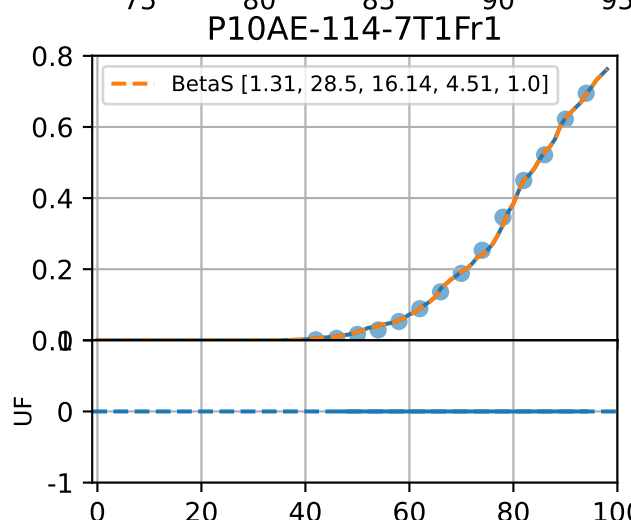
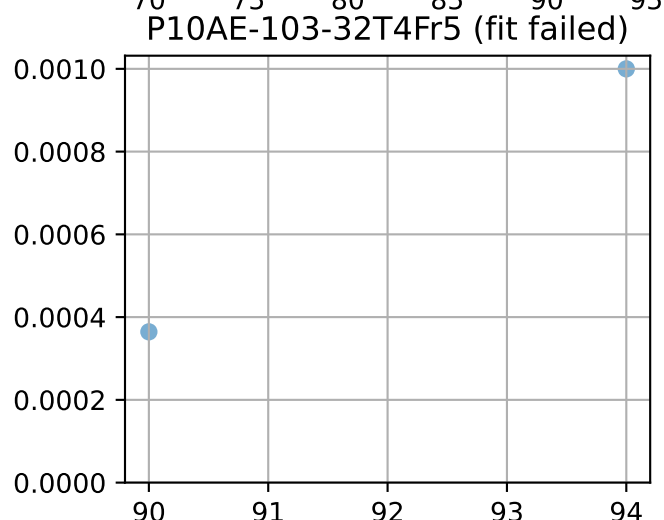
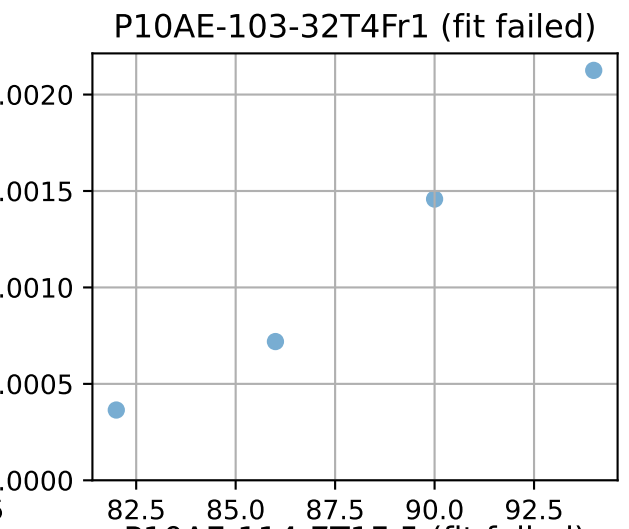
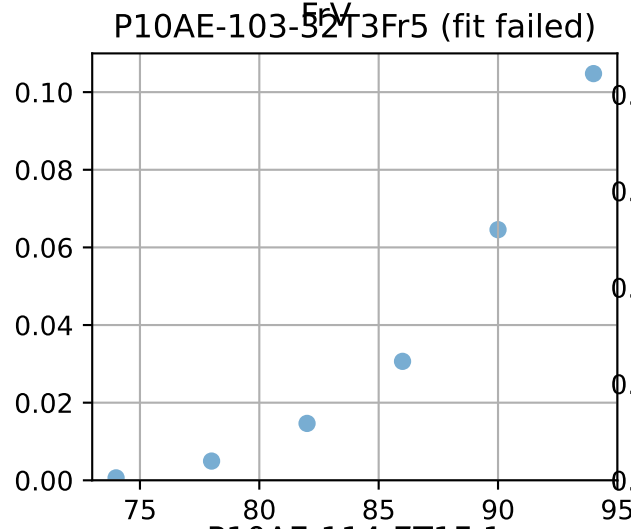
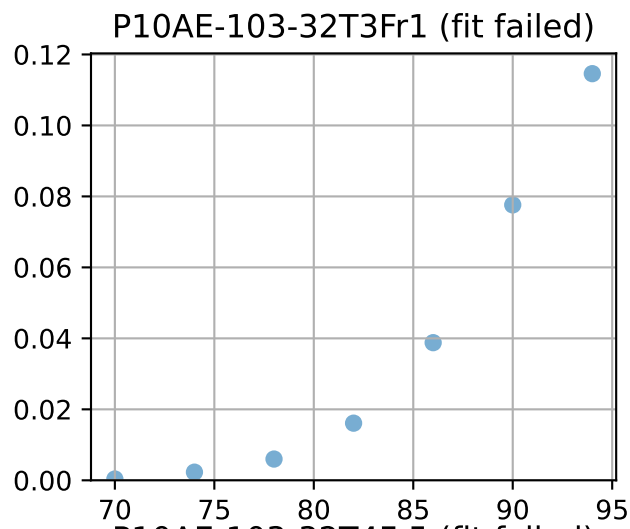


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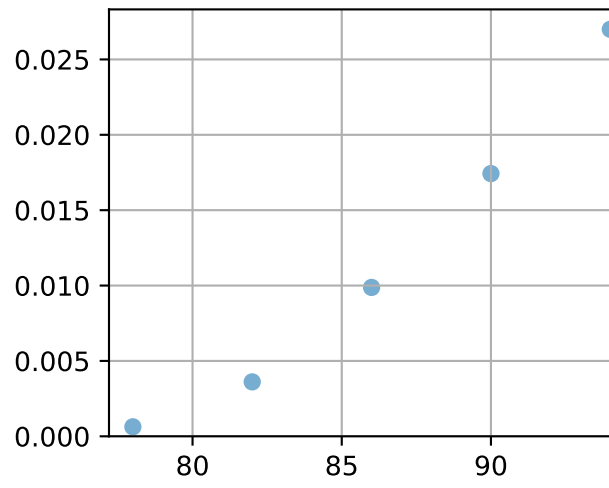




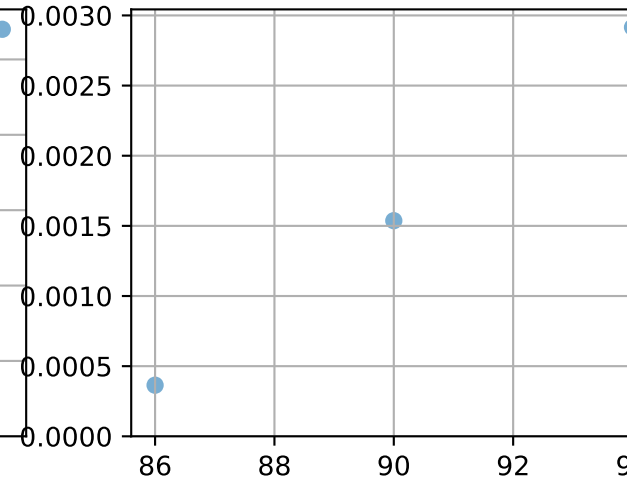




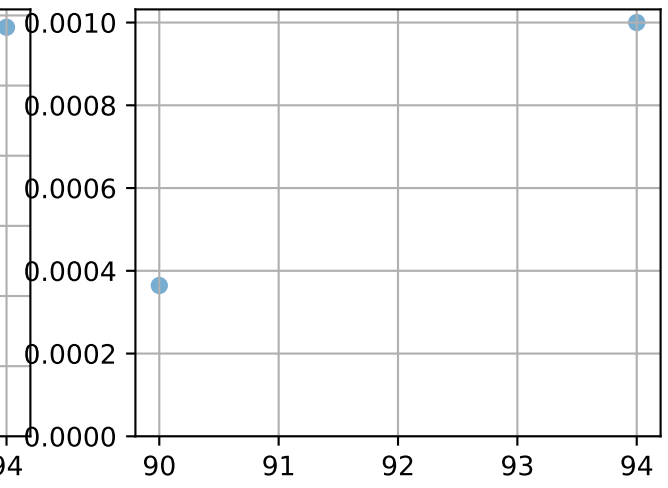
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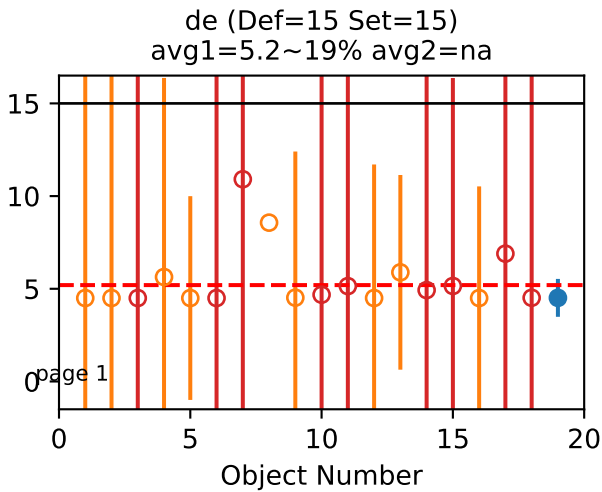
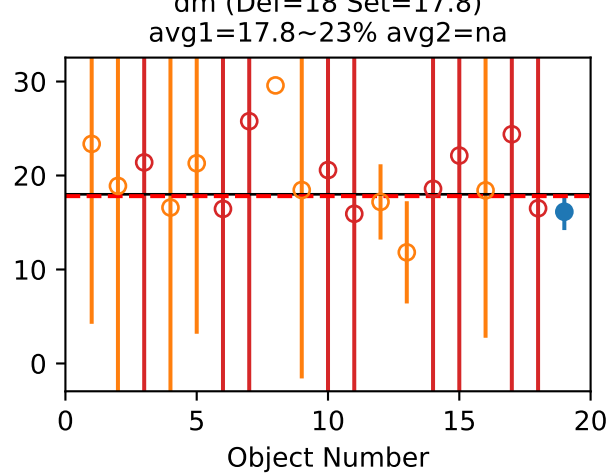
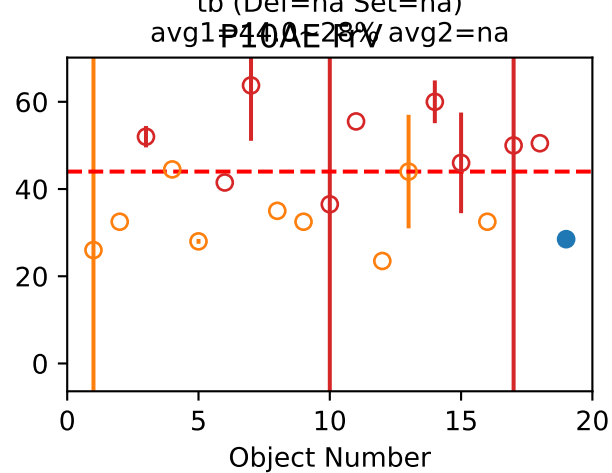
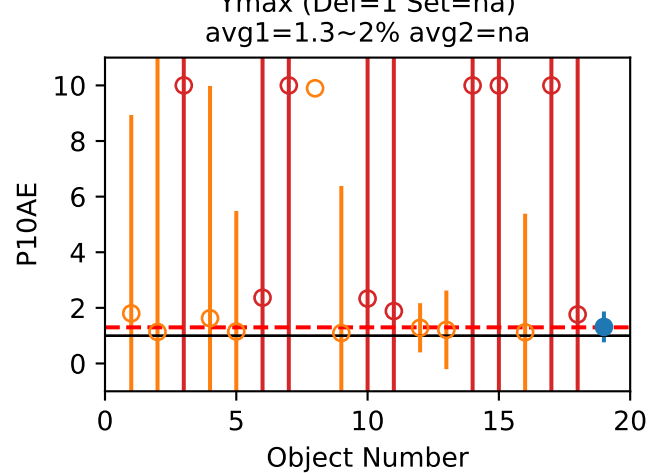


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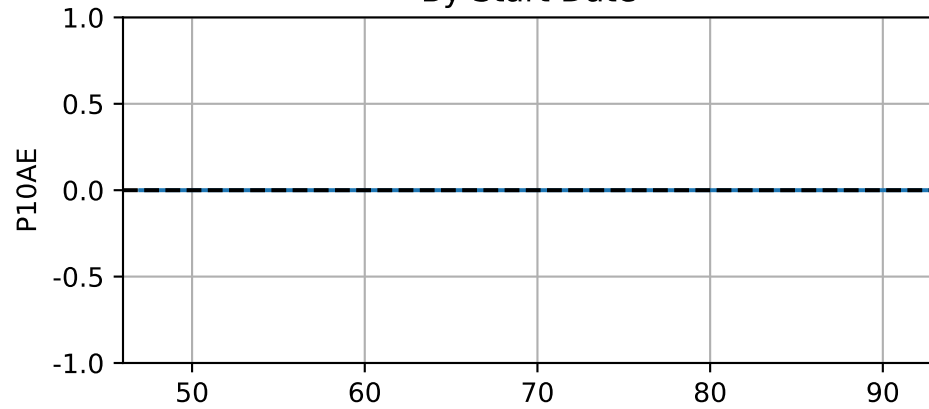


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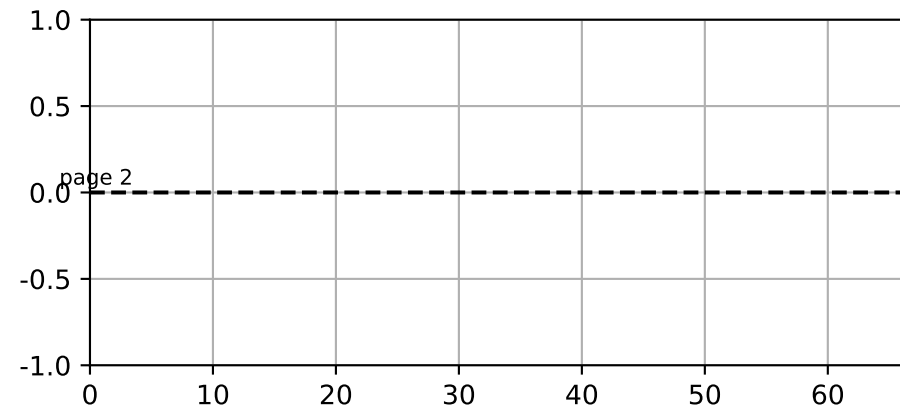
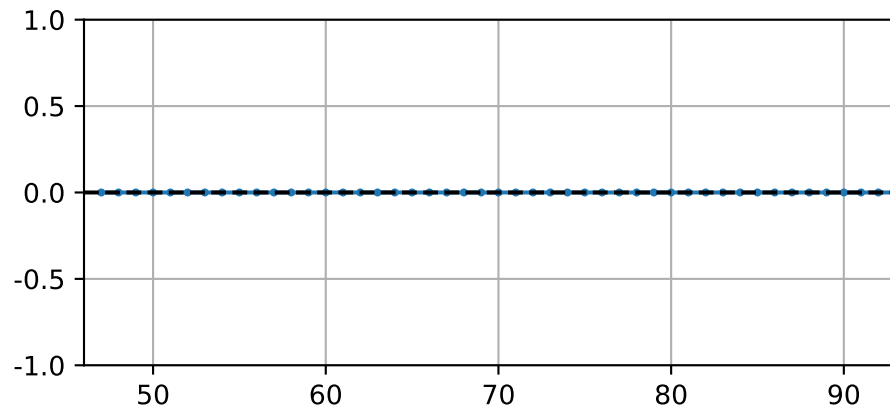
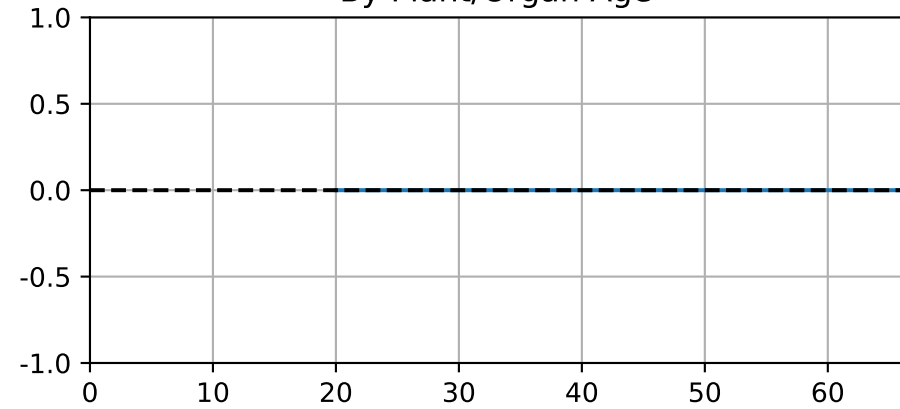


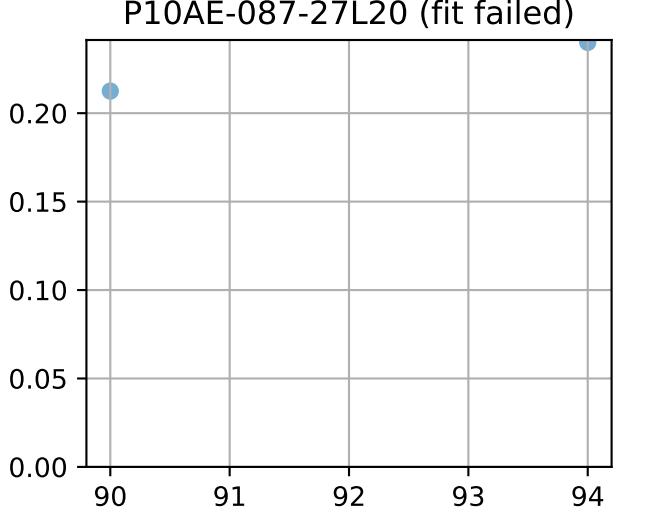
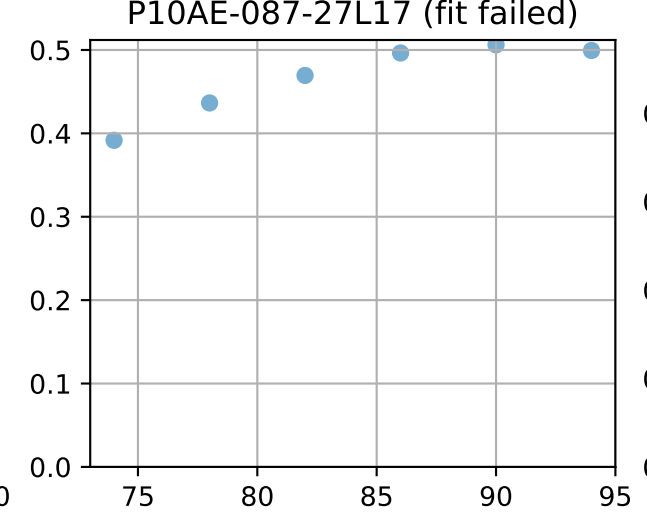
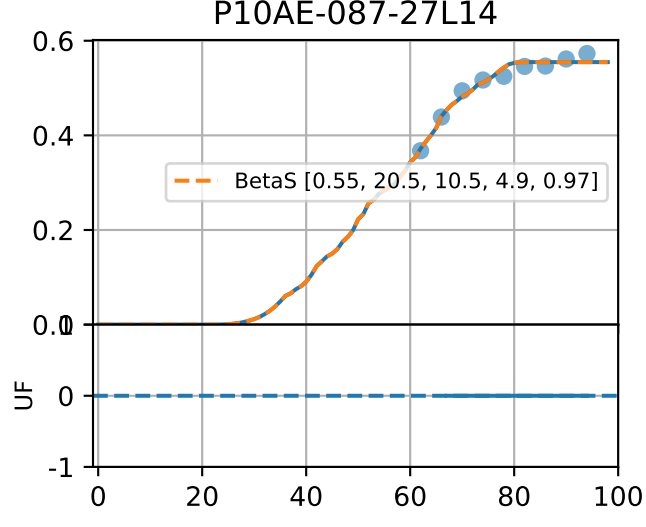
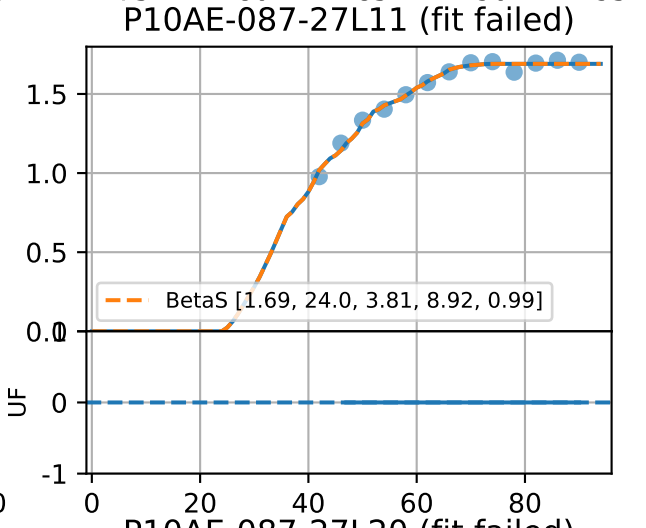
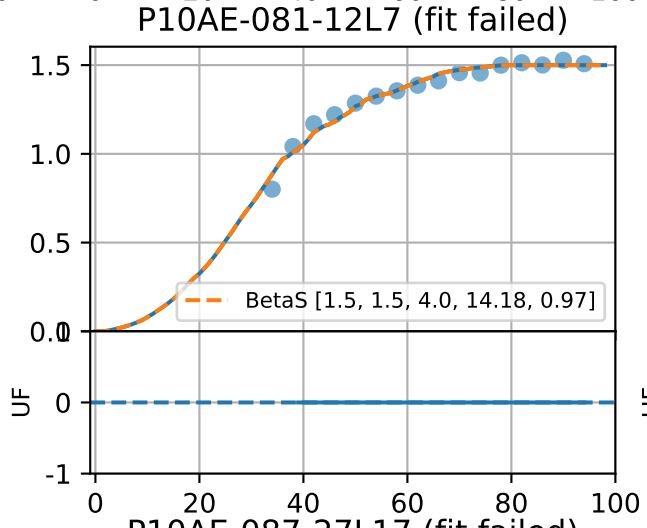
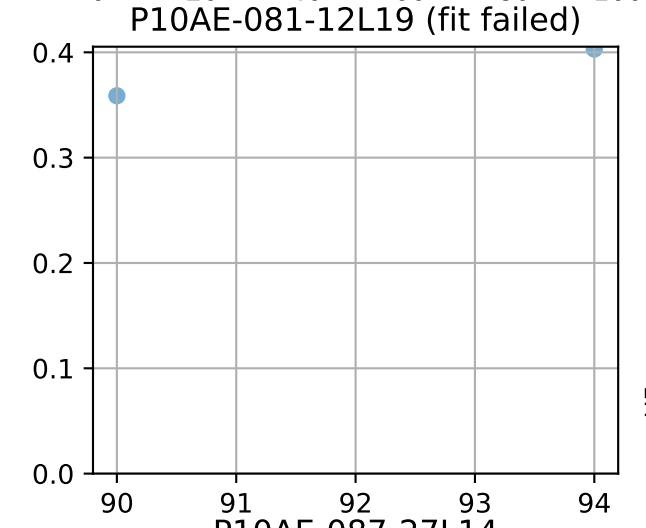
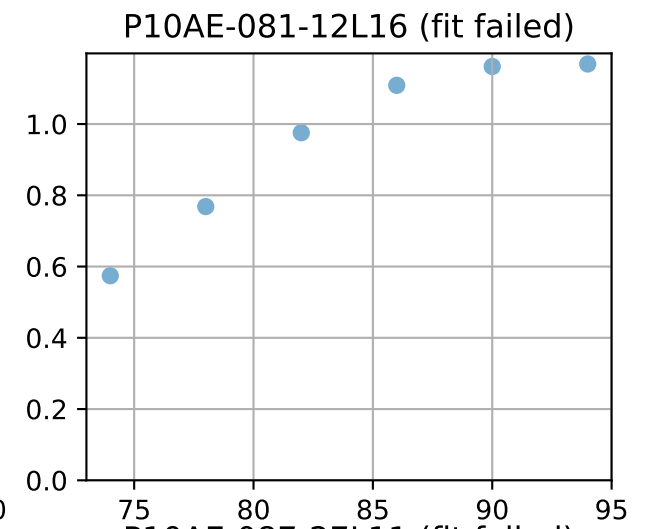
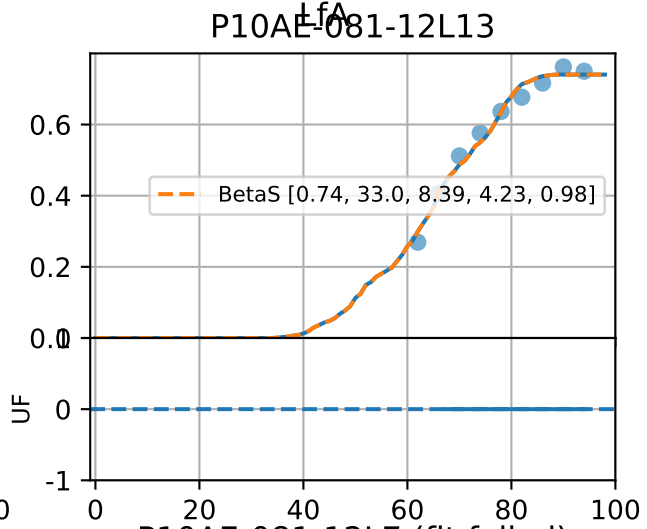
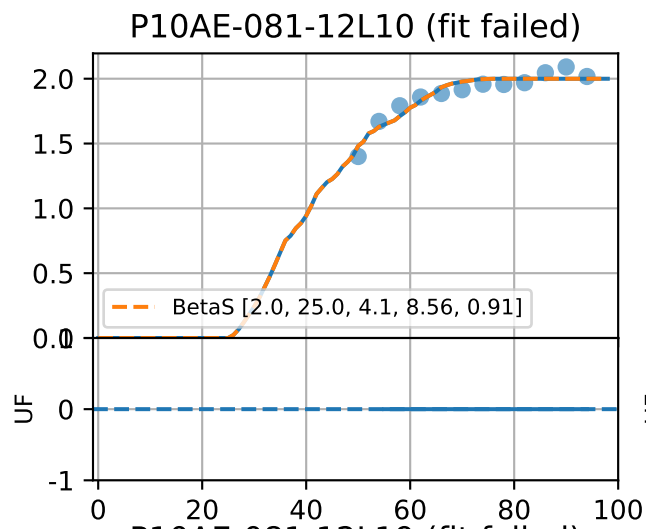


By Start Date

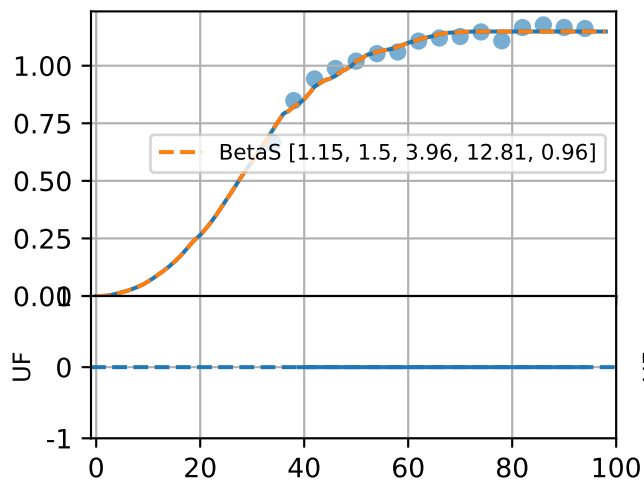


By Plant/Organ Age

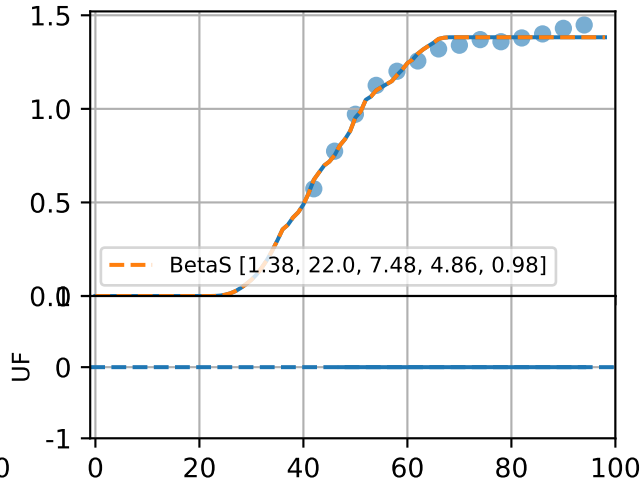




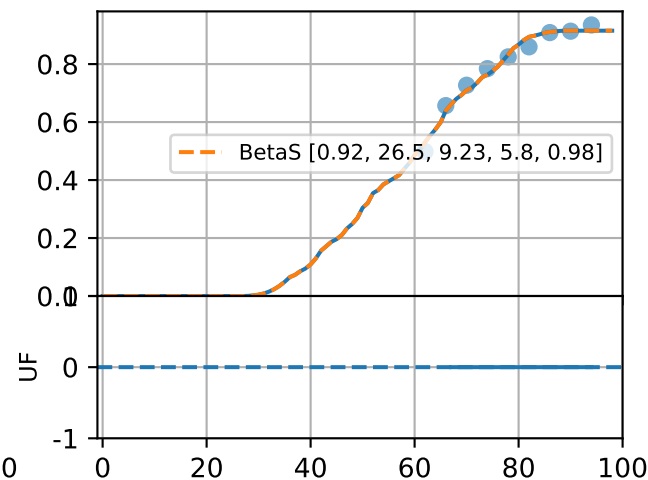
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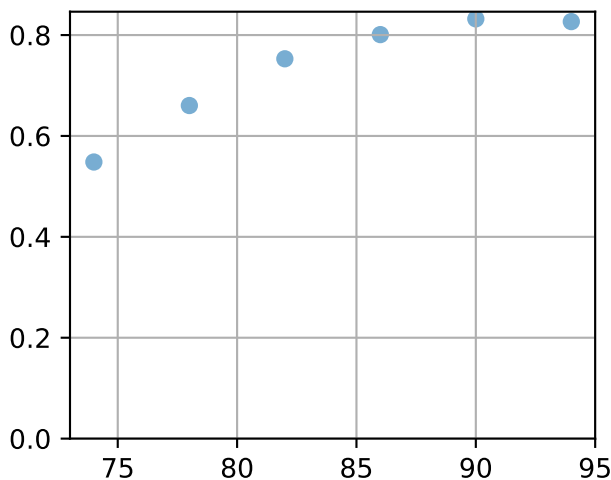
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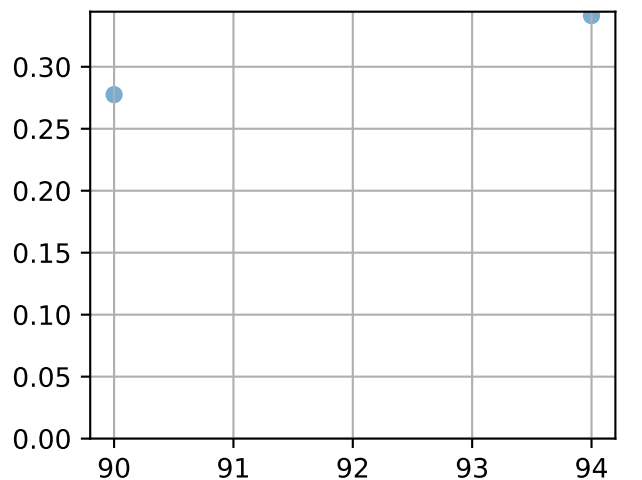
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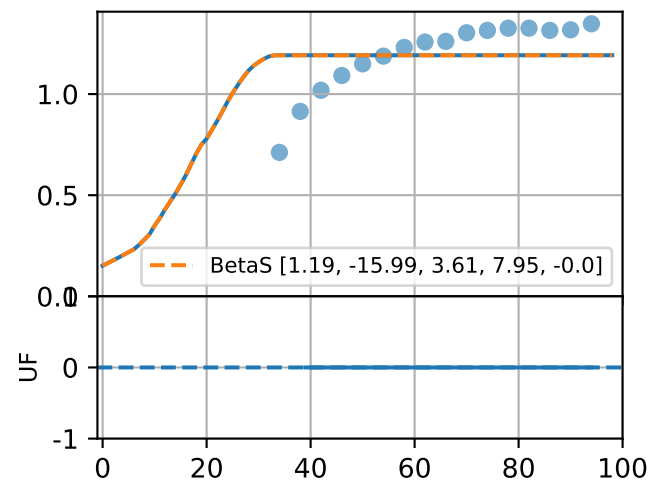
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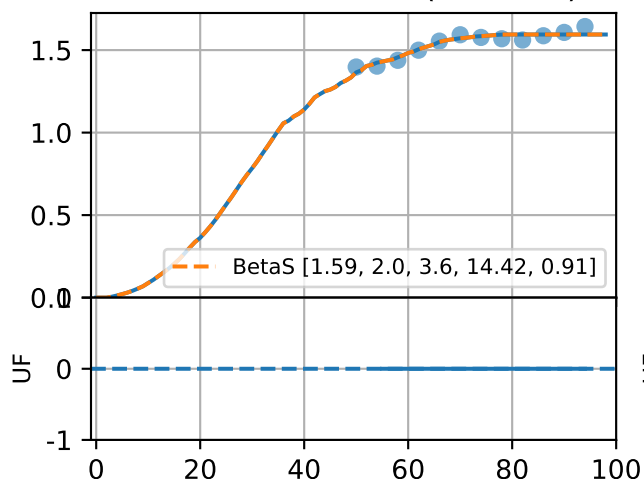
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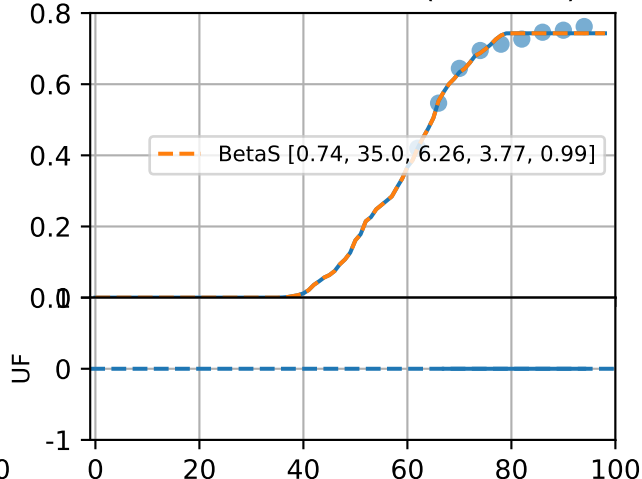
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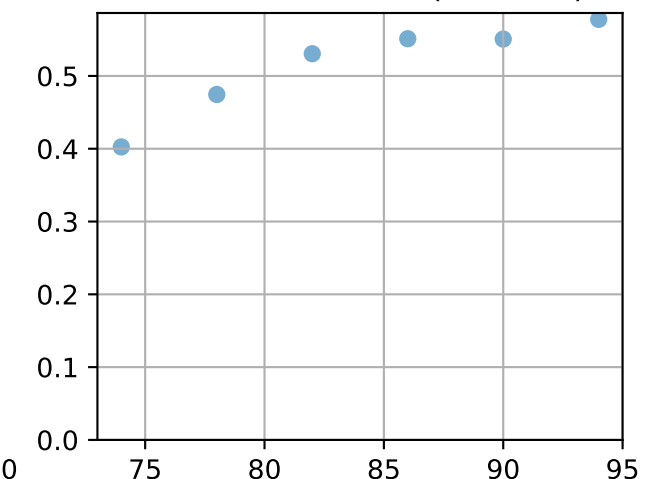
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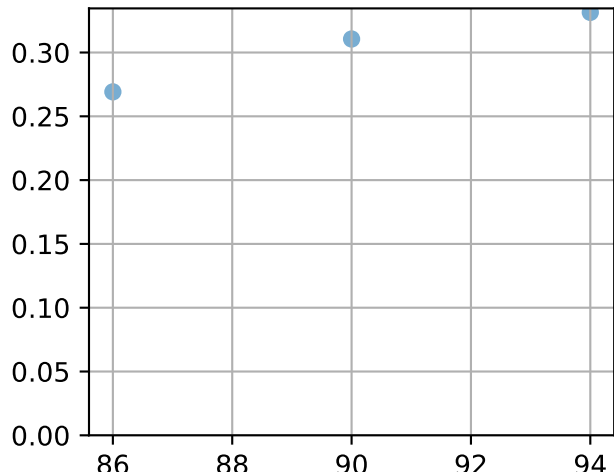
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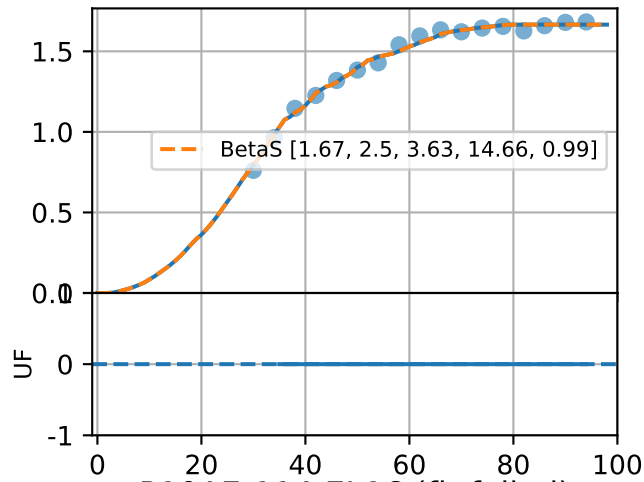
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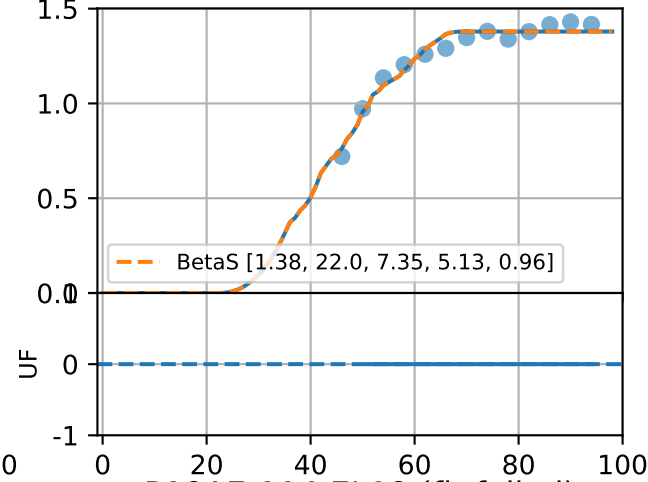
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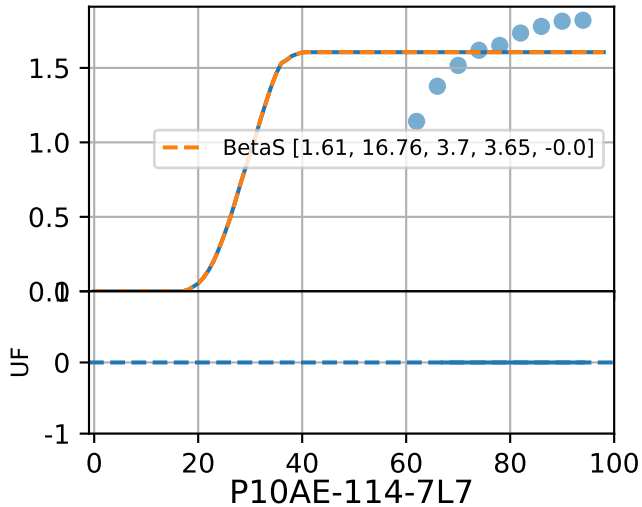
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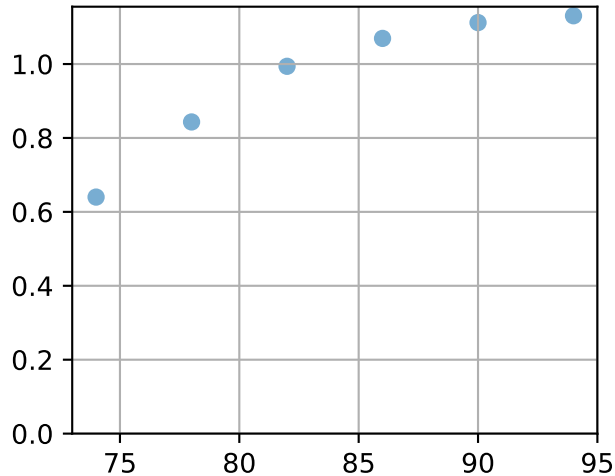
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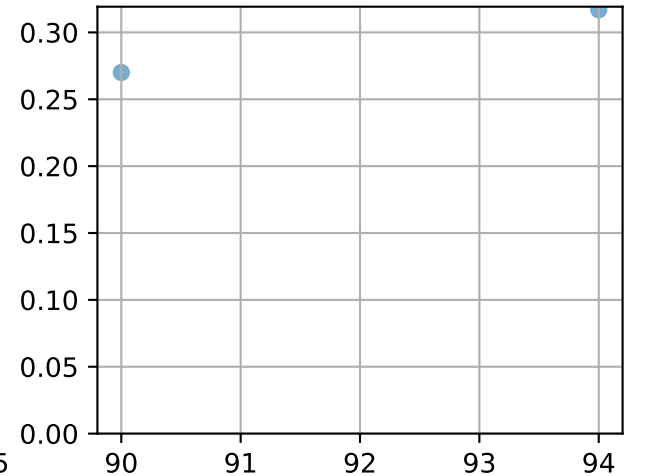
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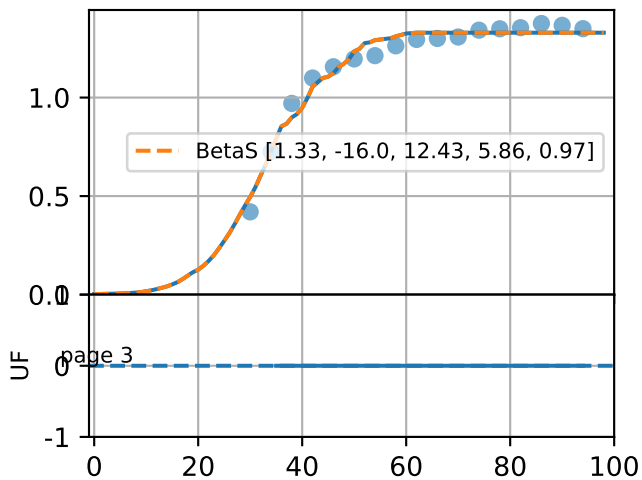
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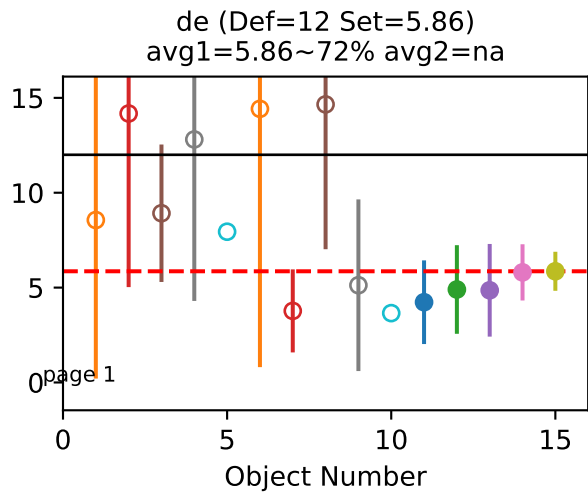
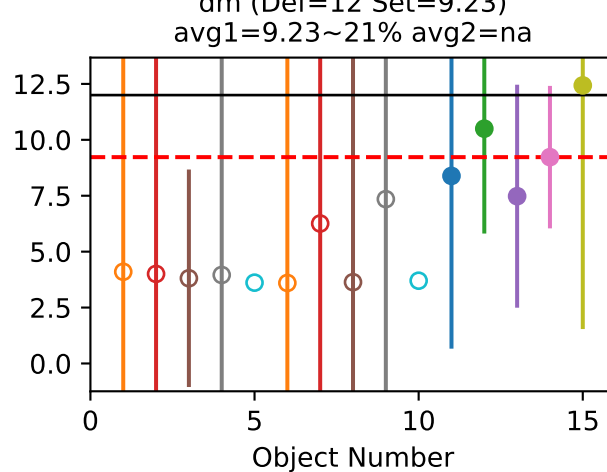
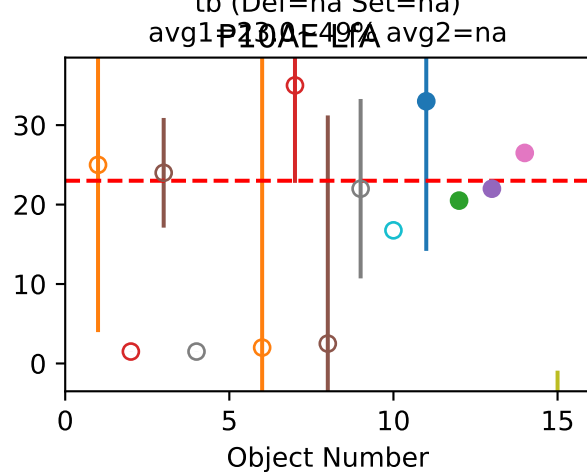
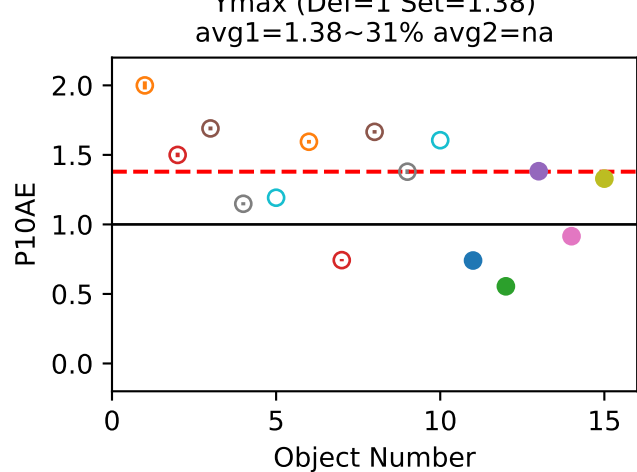


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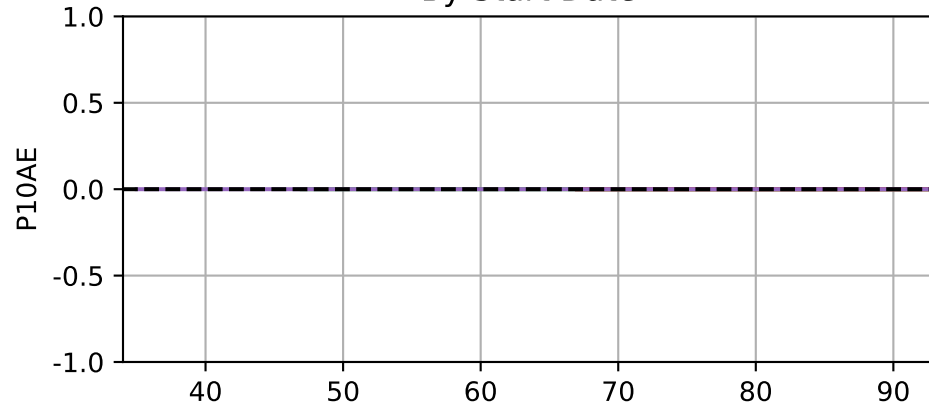


P10AE-114-7L7

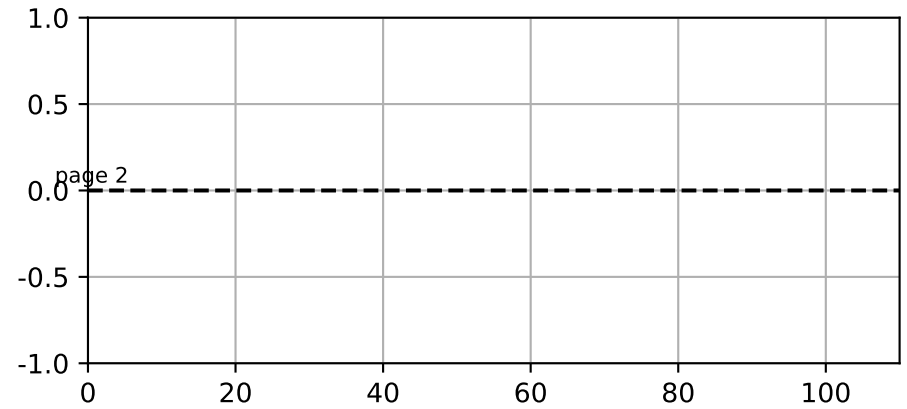
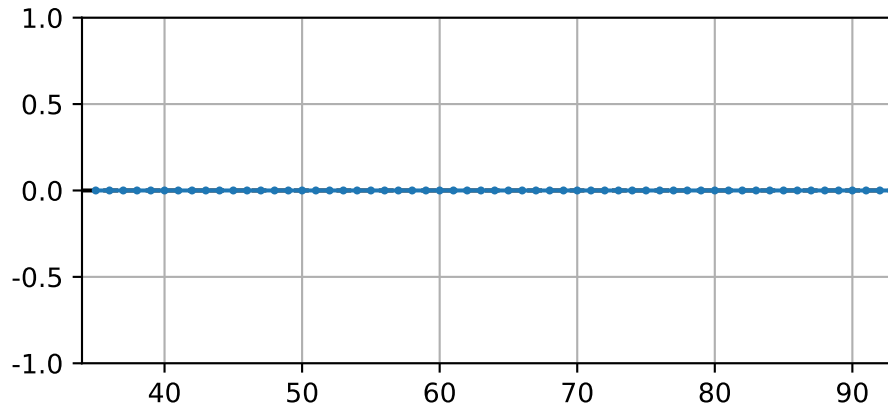
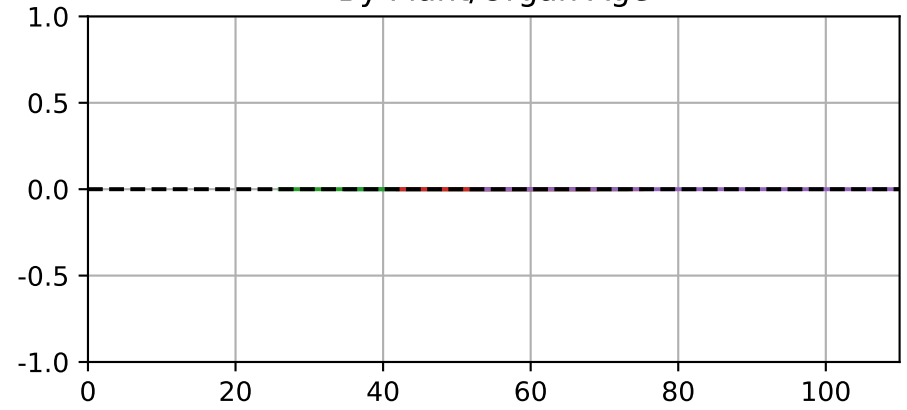


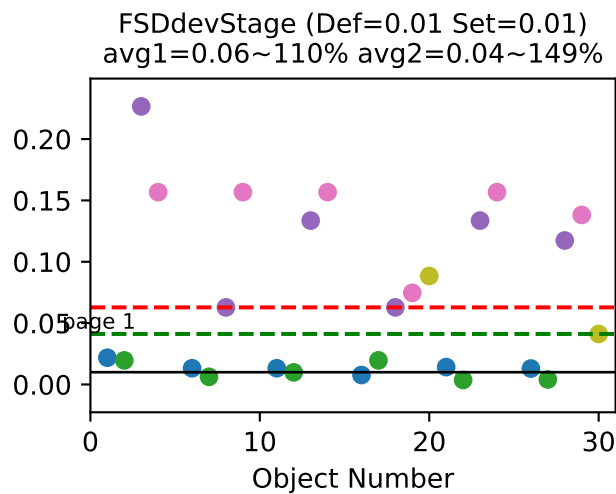
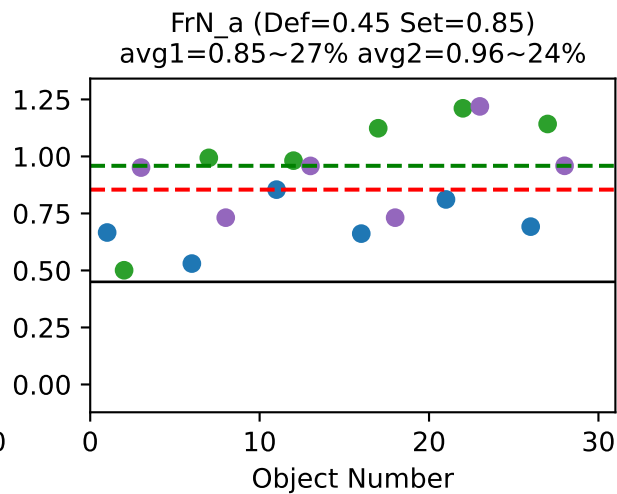
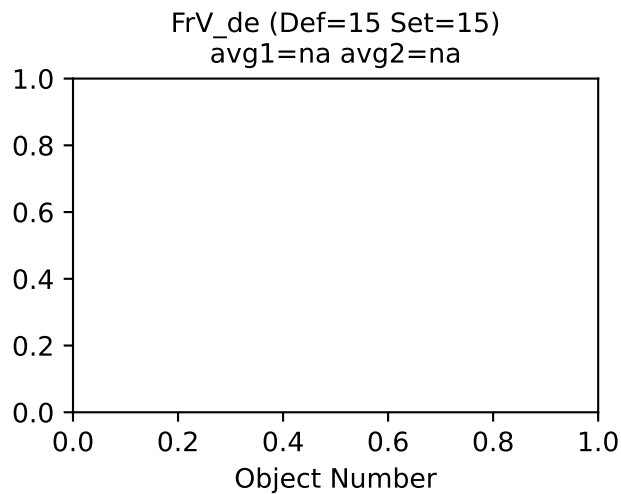
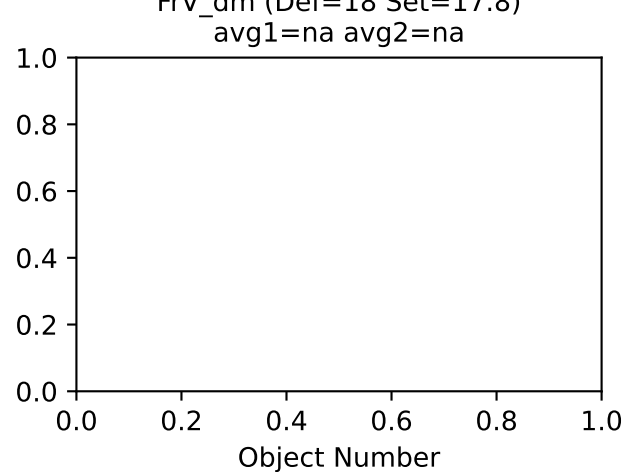
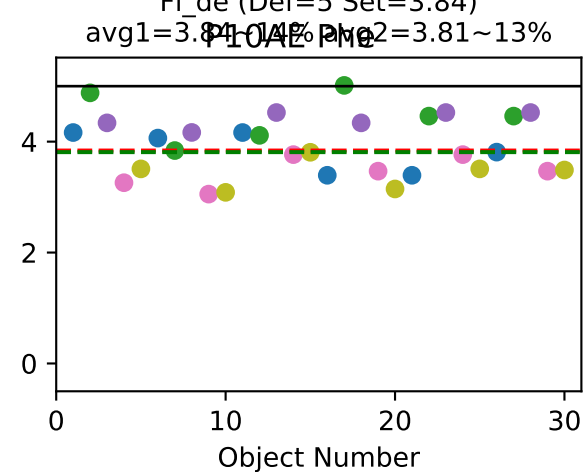
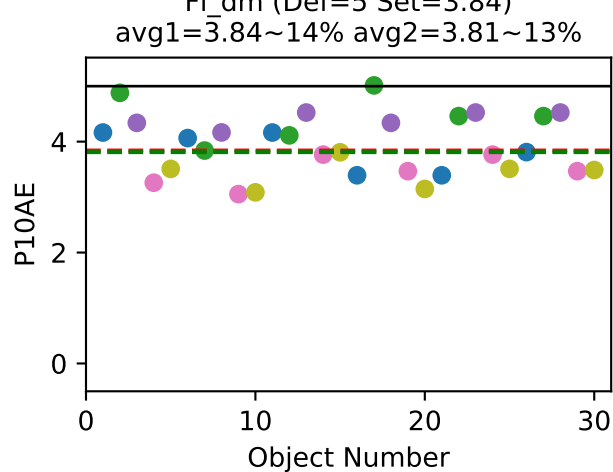


By Start Date

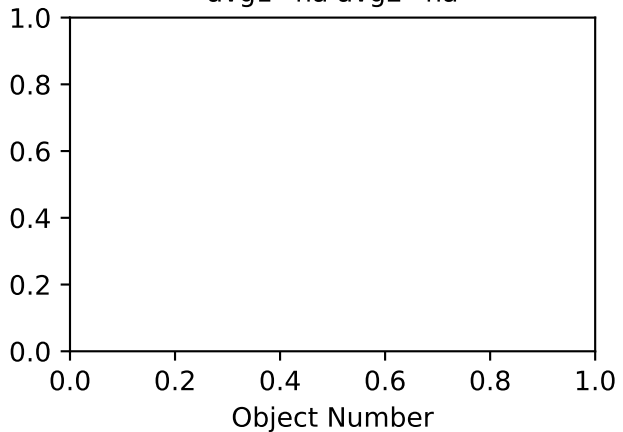


By Plant/Organ Age

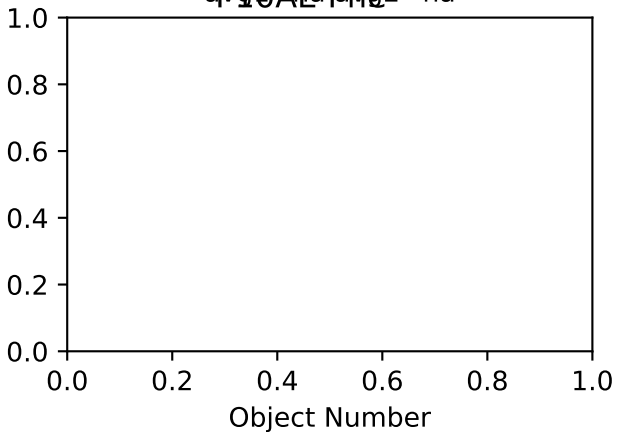




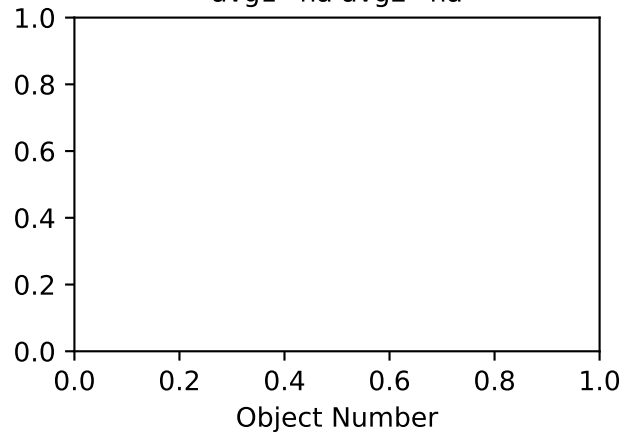
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



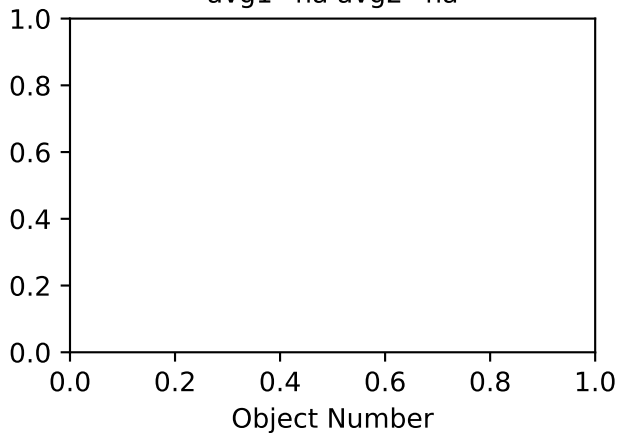
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



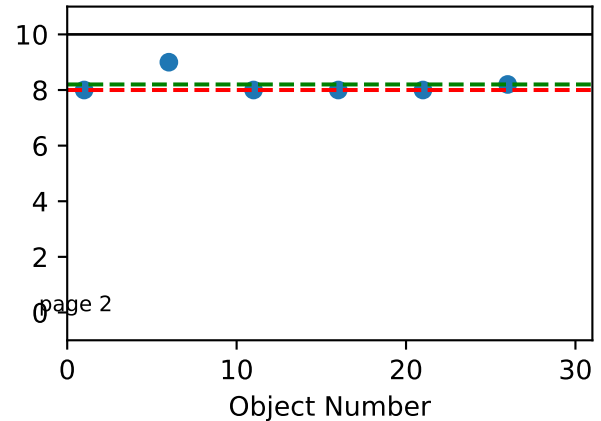
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na

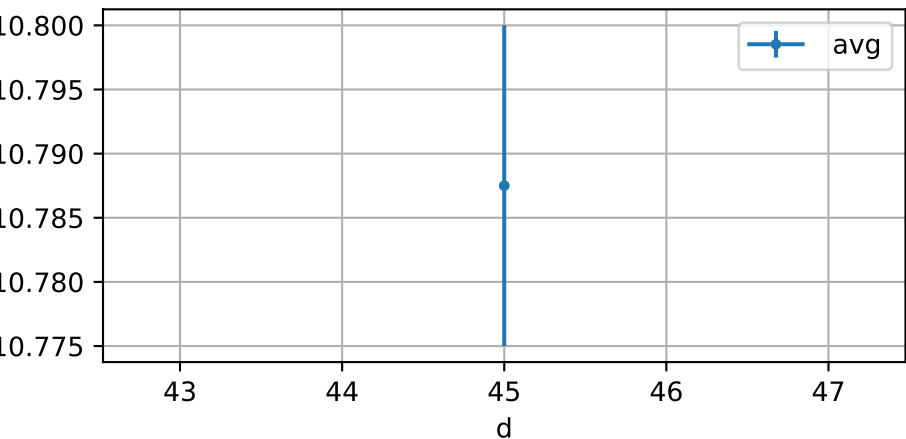


NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=8.2

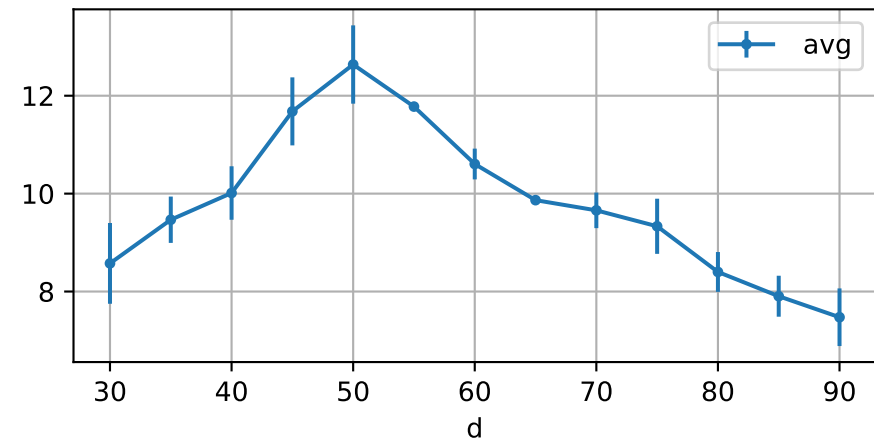


NdD: avg vs. d at each age group

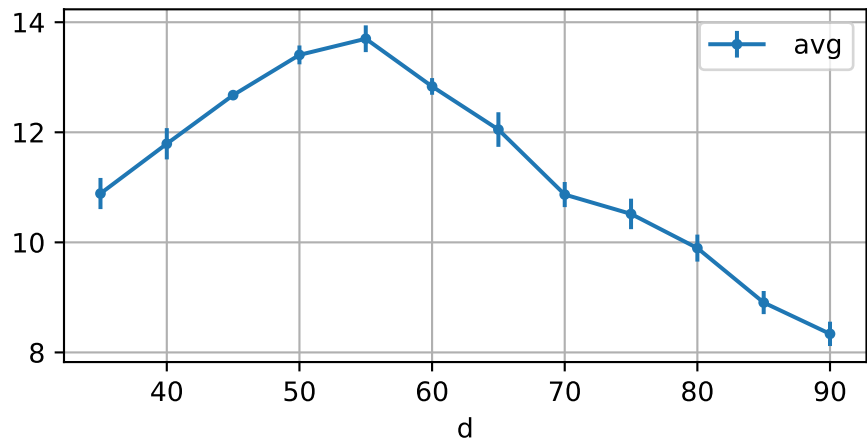
age=25



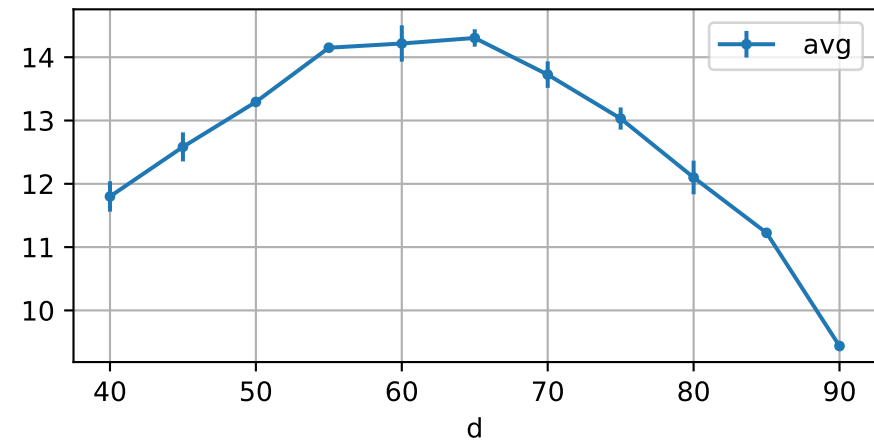
age=30



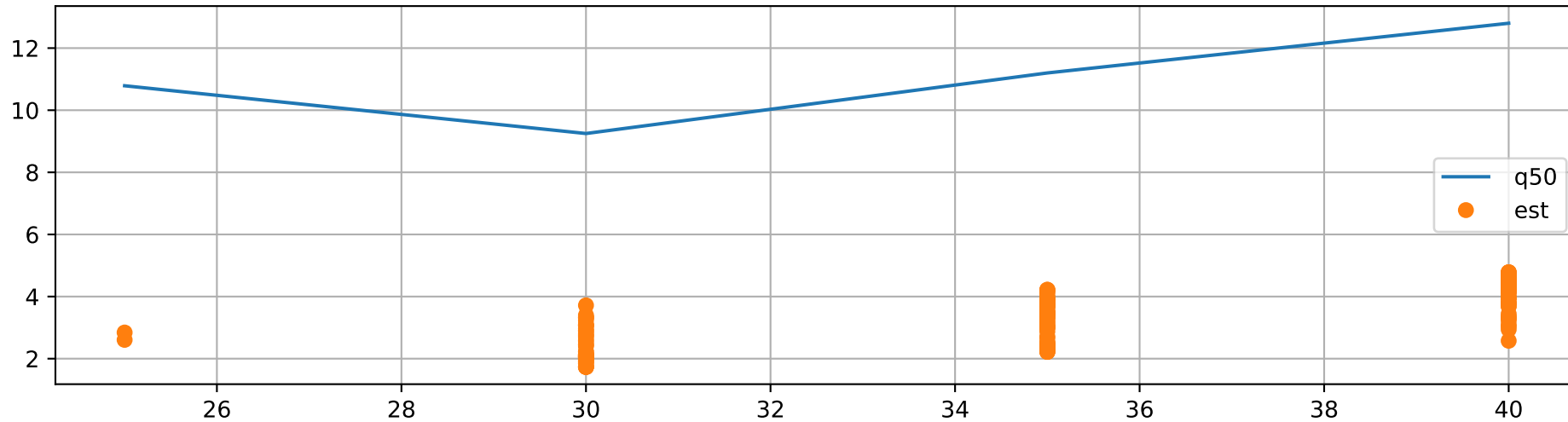
age=35



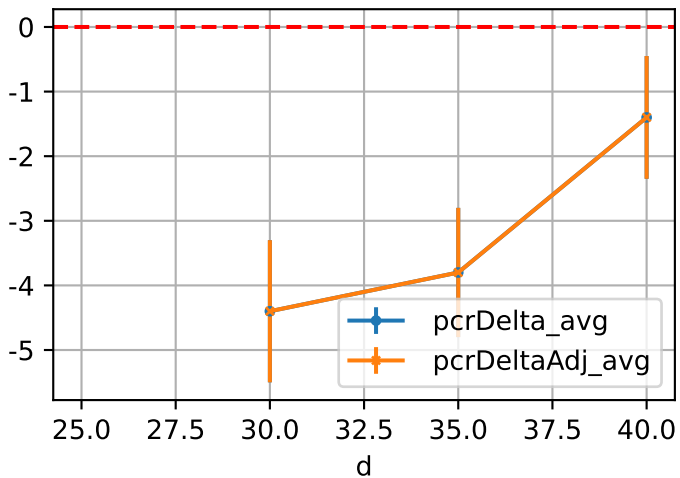
age=40



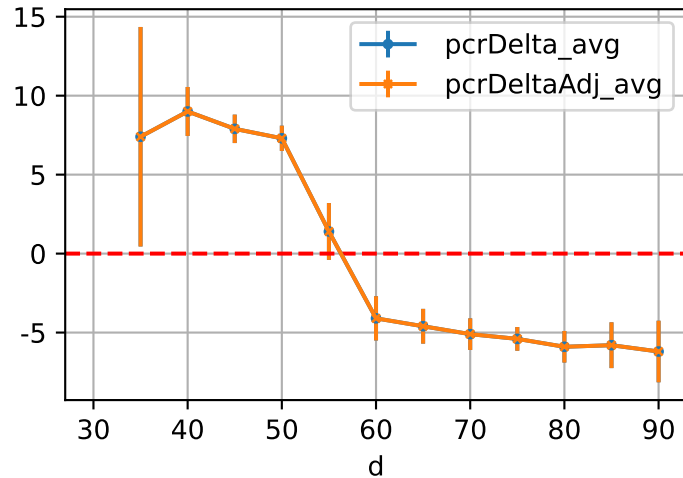
NdD: model est vs obsOv@Q50



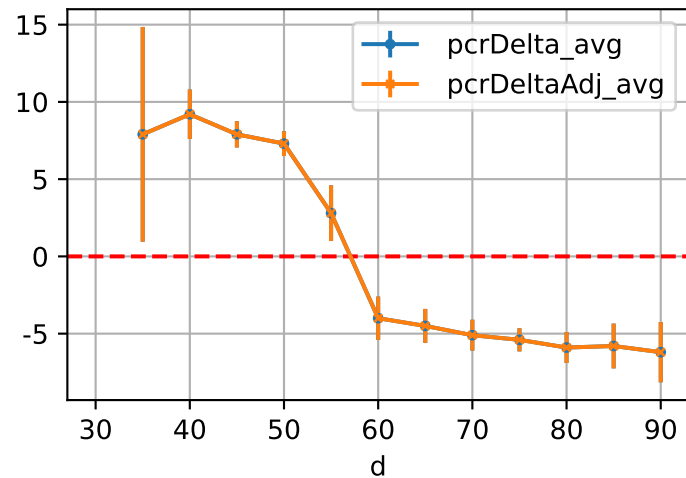
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

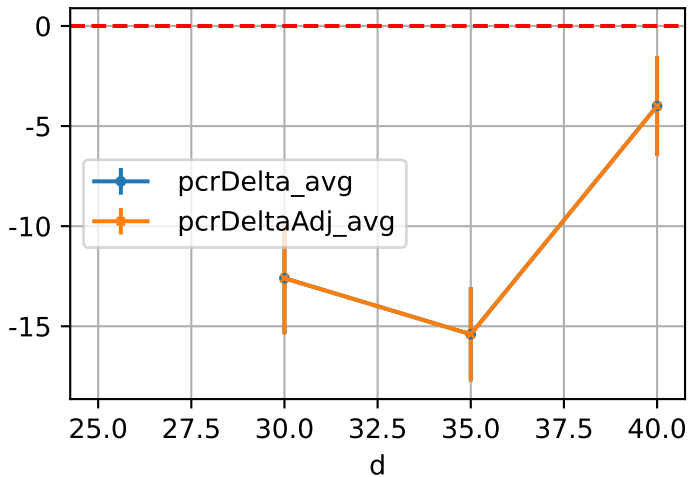


DeltaTypeAbbr=WeiAvgByD

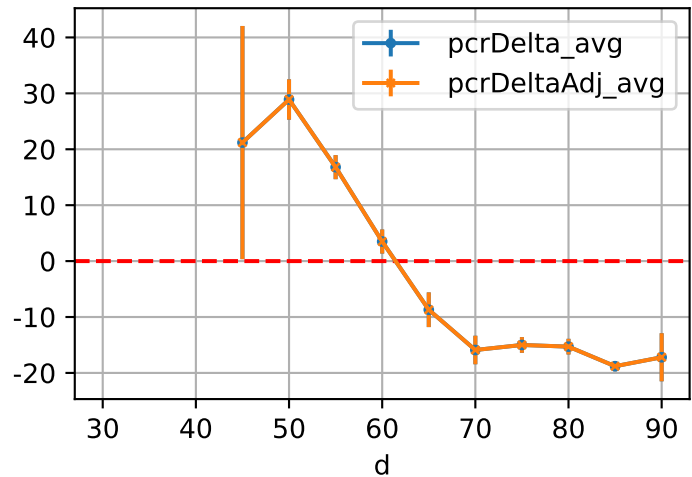


P10AE NdD: D_15d_NdD

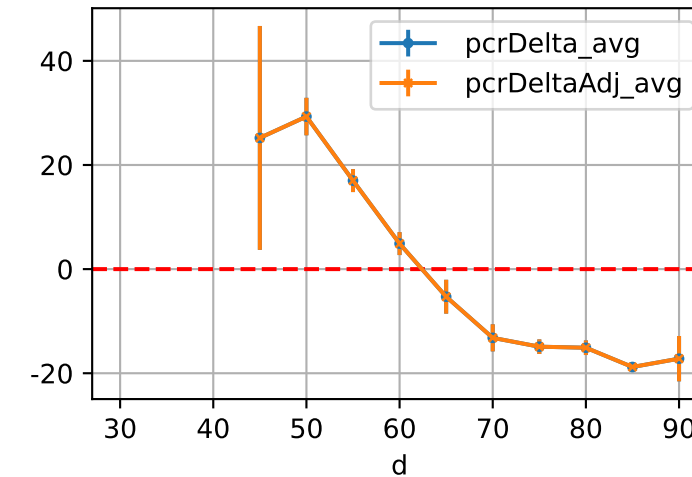
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

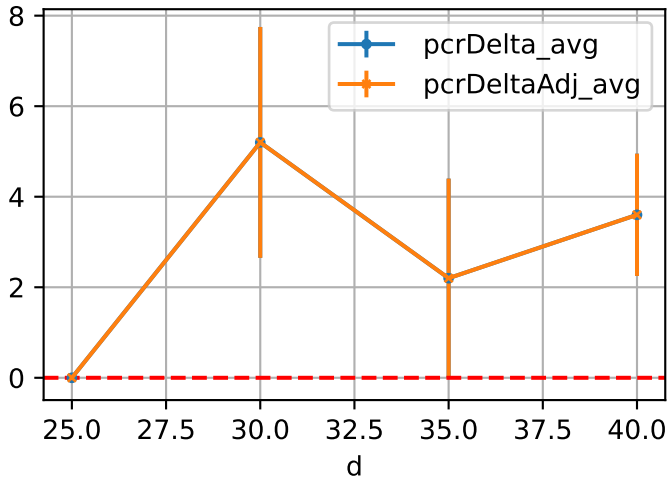


DeltaTypeAbbr=WeiAvgByD

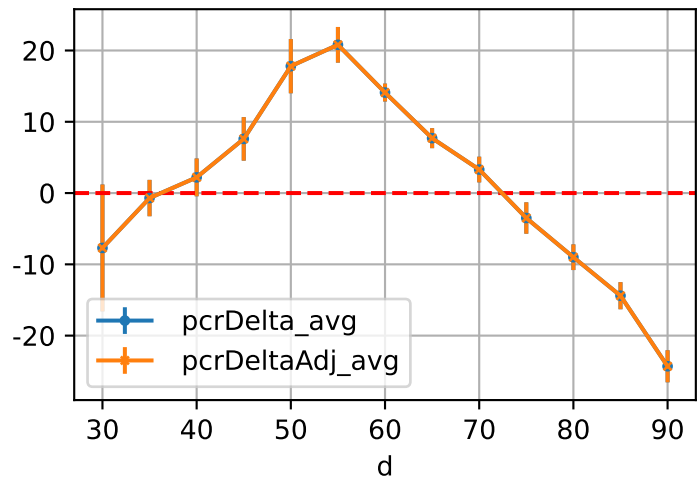


P10AE NdD: D_Q50_NdD

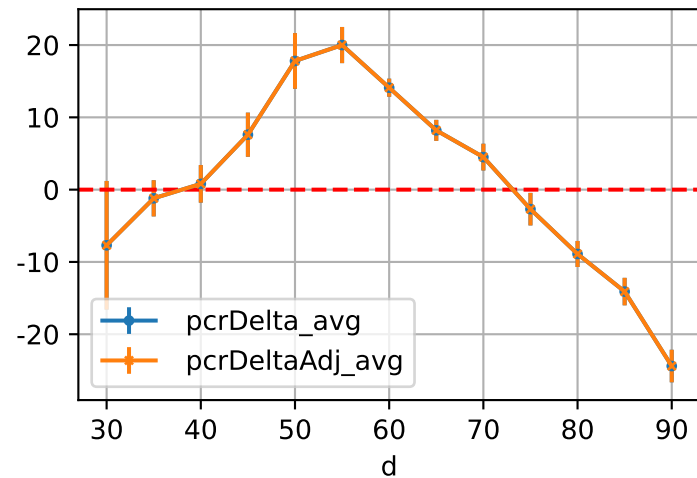
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DeltaTypeAbbr=GrpByDay

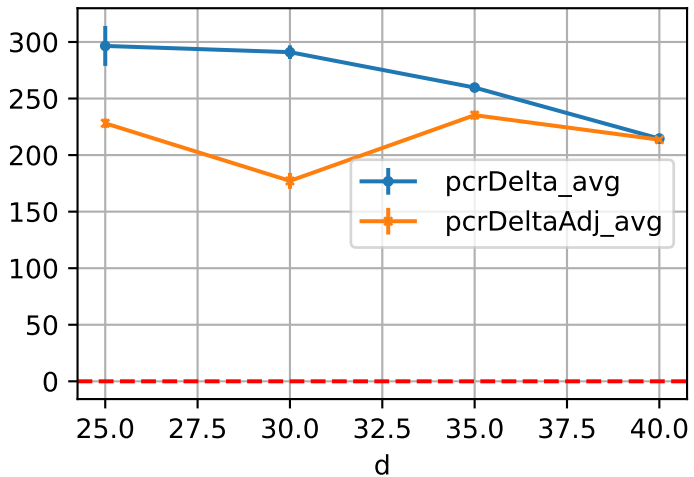


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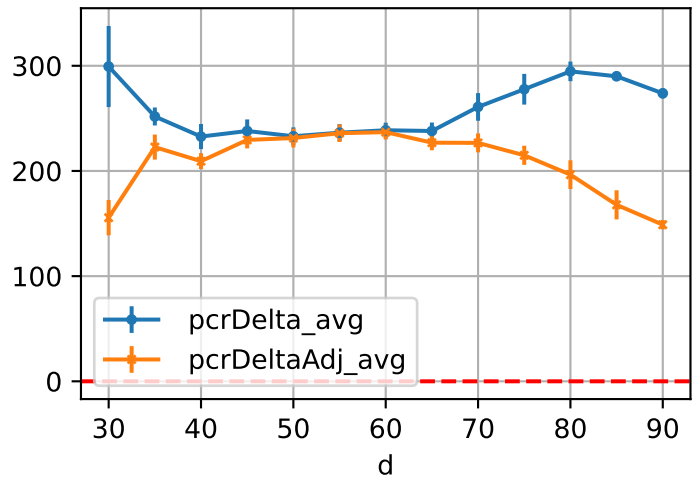


P10AE NdD: D_Est_NdD

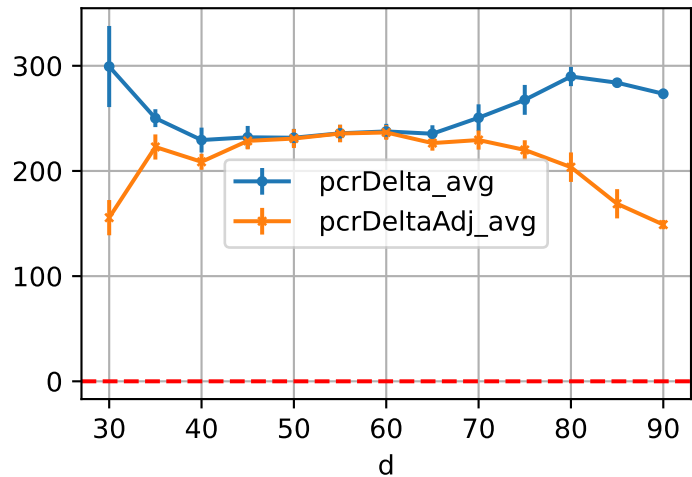
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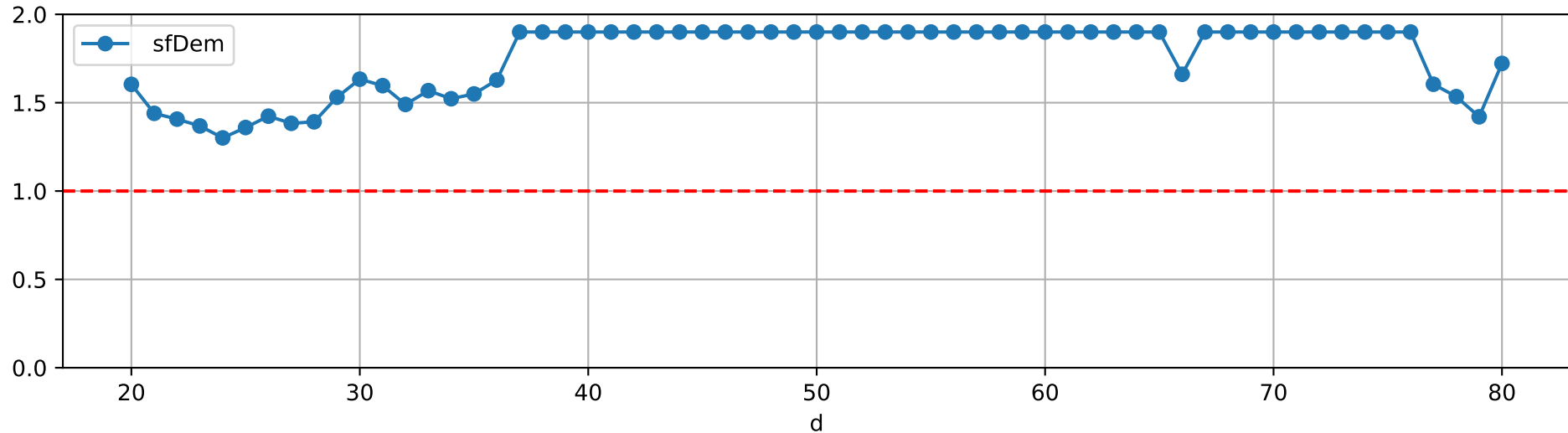
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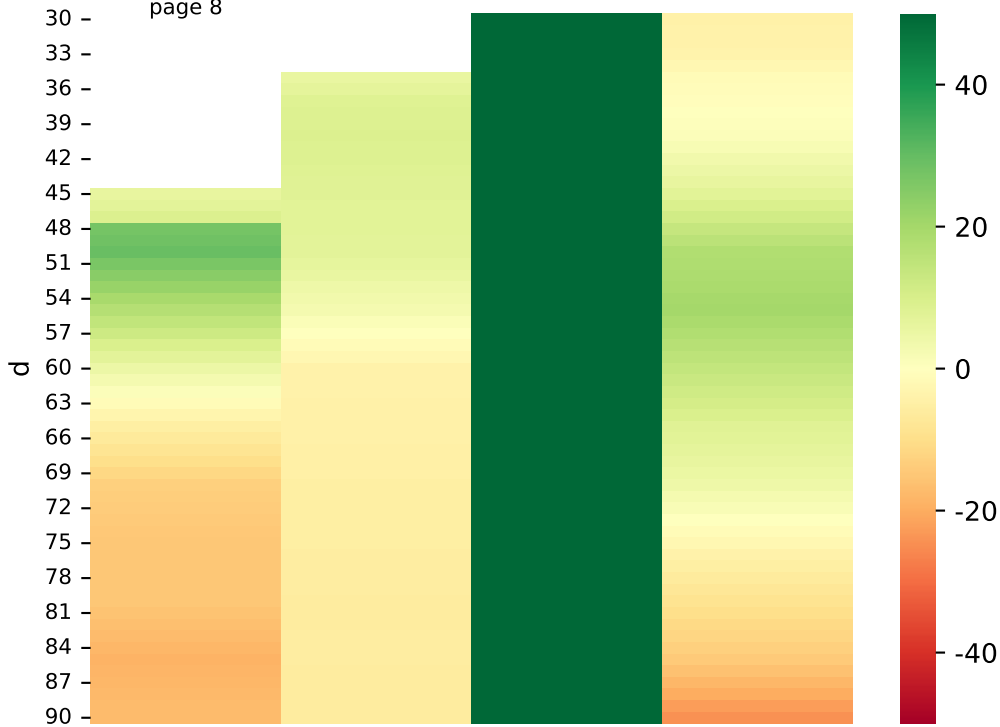
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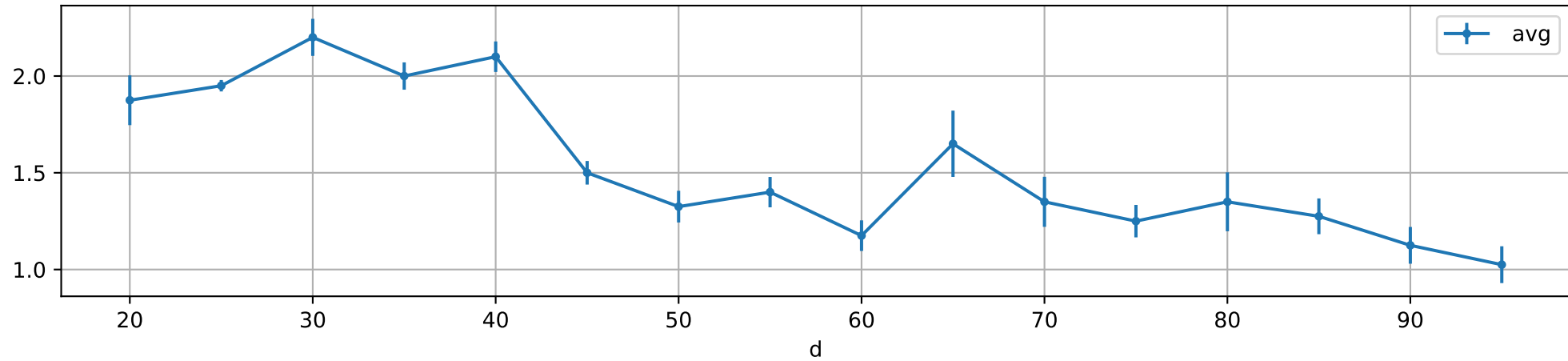
NdD: sfDem



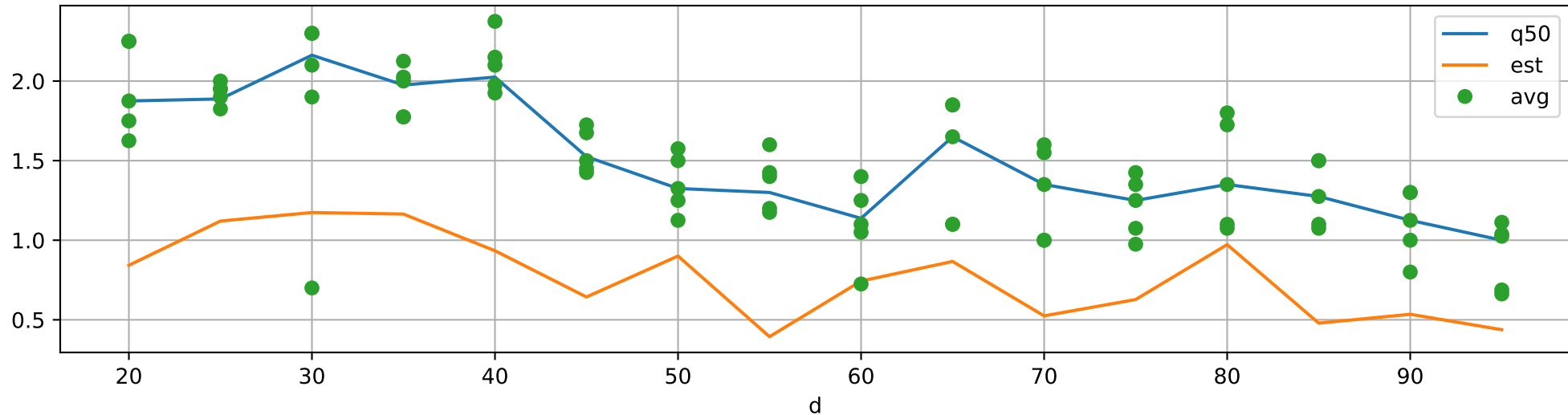
page 8



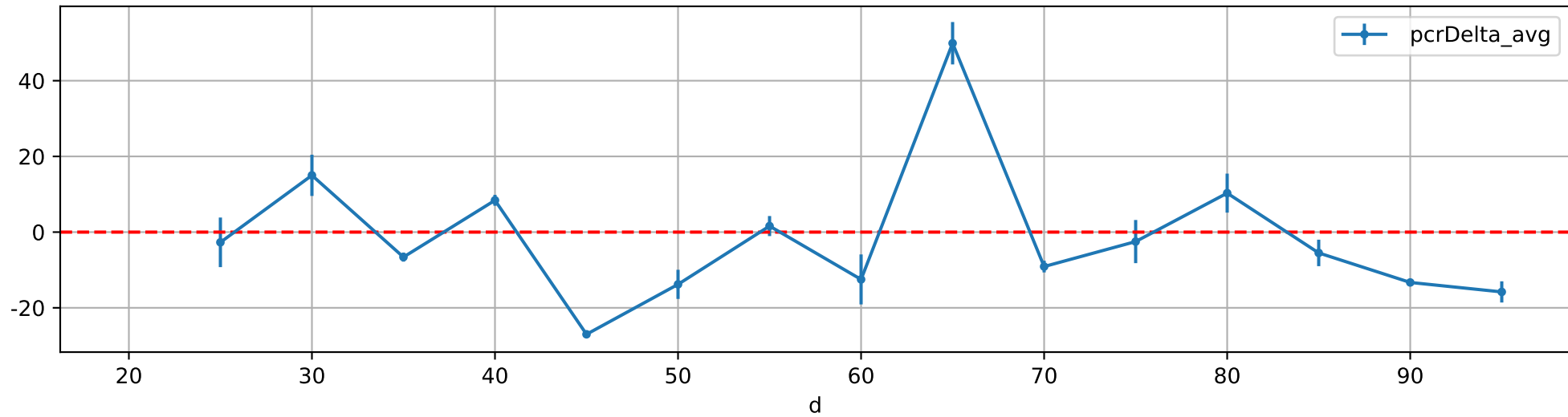
dStH: avg vs. d



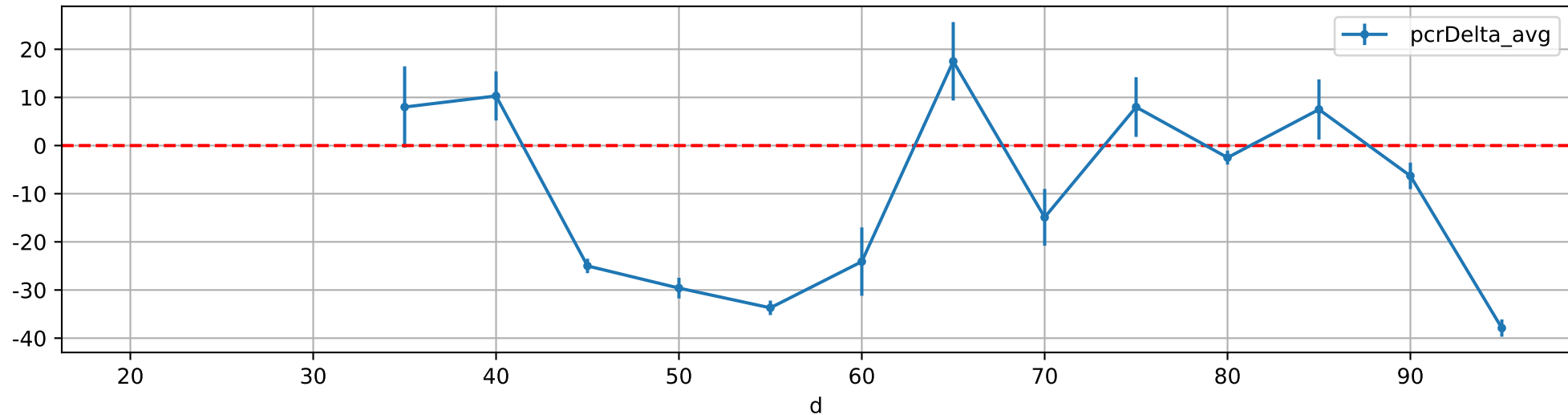
dStH: obsAvg vs obsOv@Q50



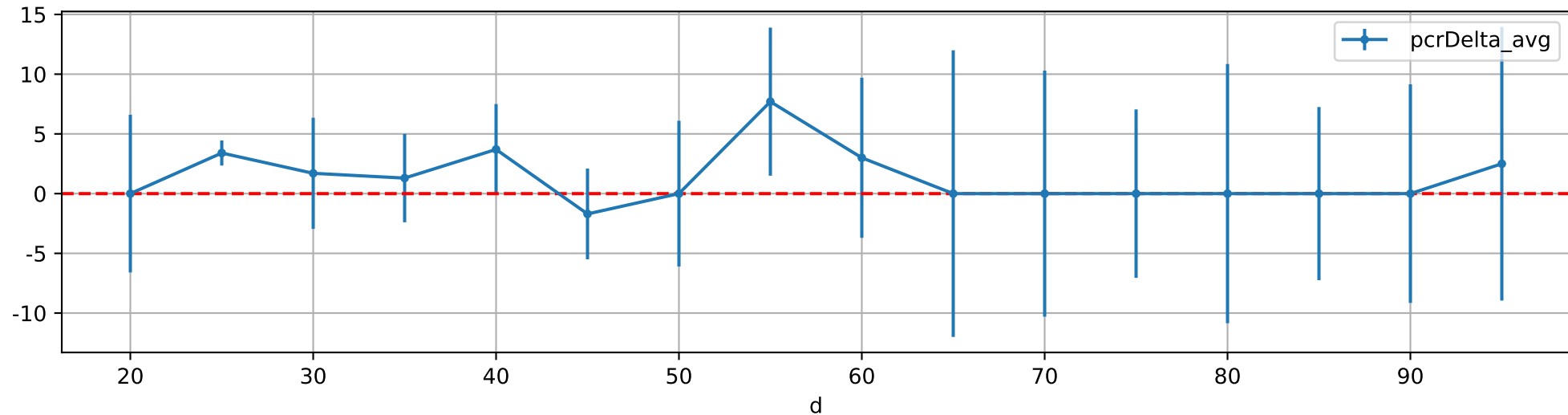
dStH: D_5d_StH



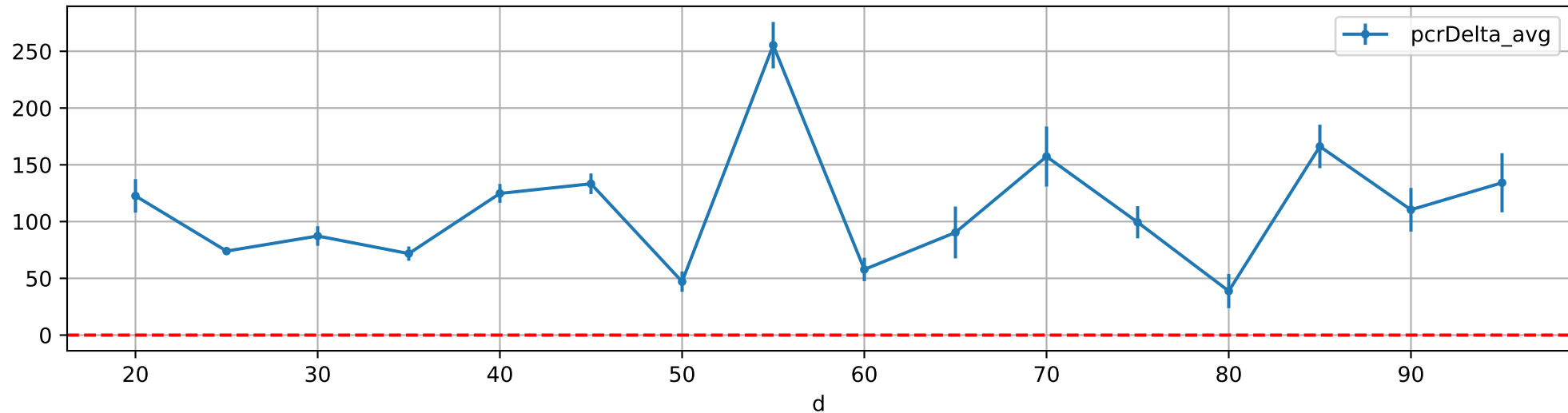
dStH: D_15d_StH



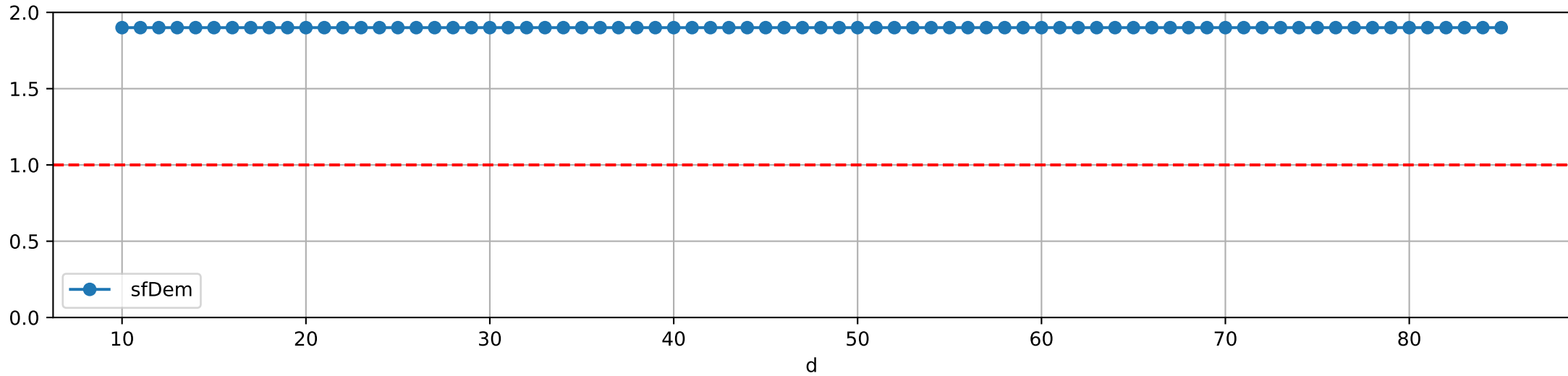
dStH: D_Q50_StH



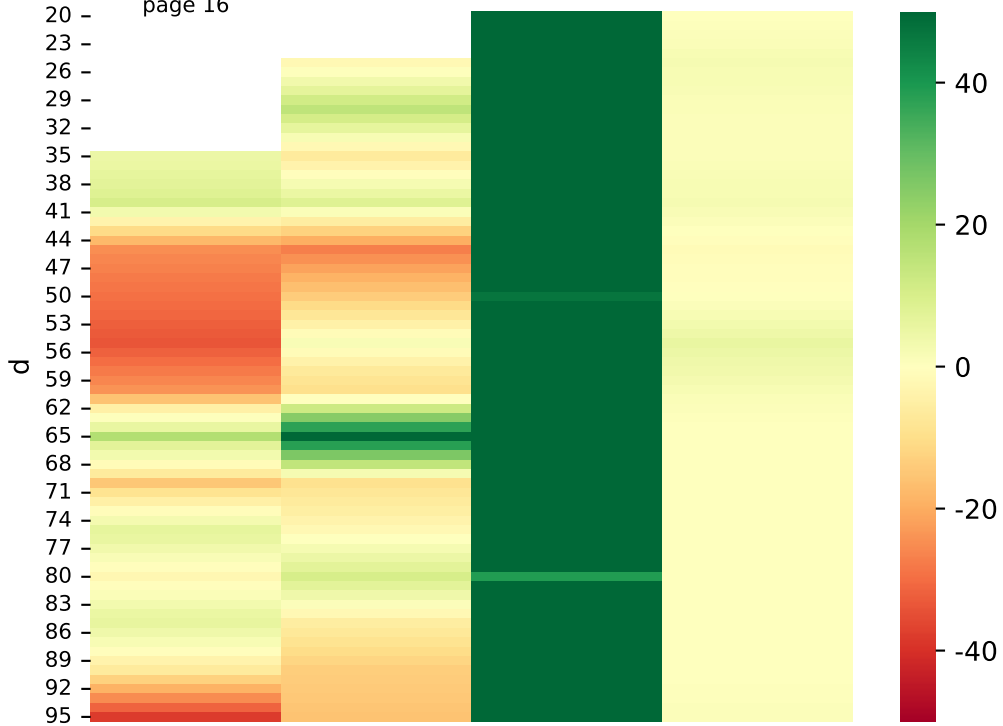
dStH: D_Est_StH



dStH: sfDem

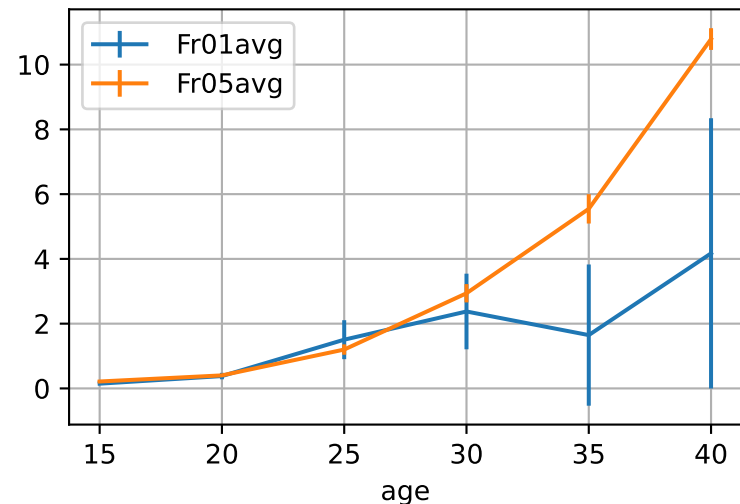


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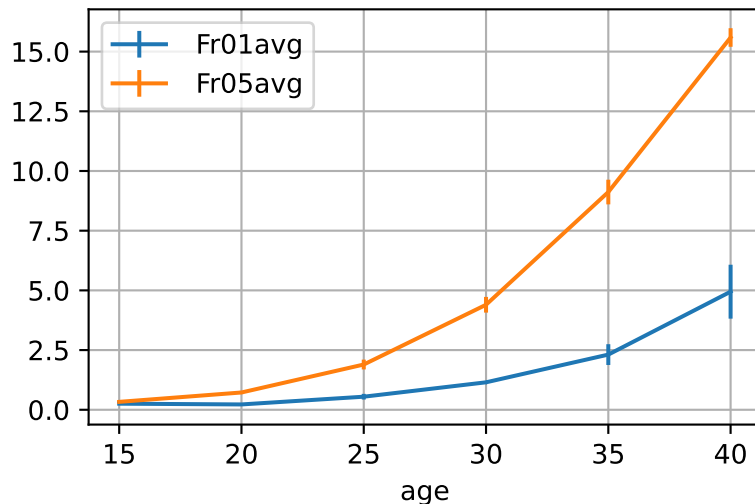


FrV: Fr01 vs Fr05 at each truss

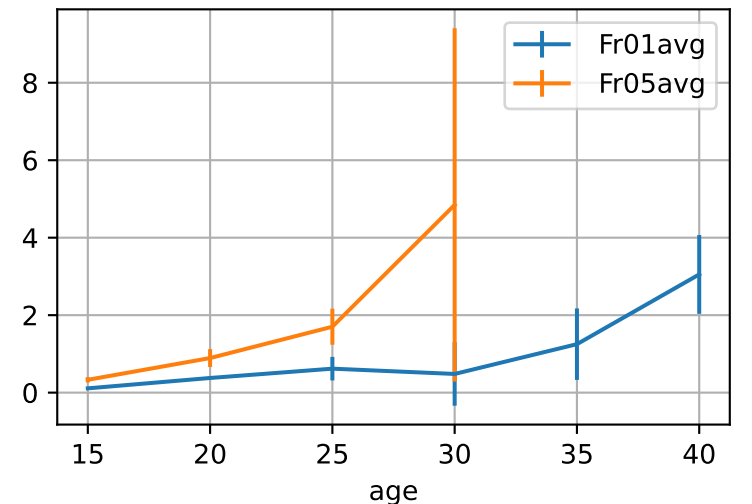
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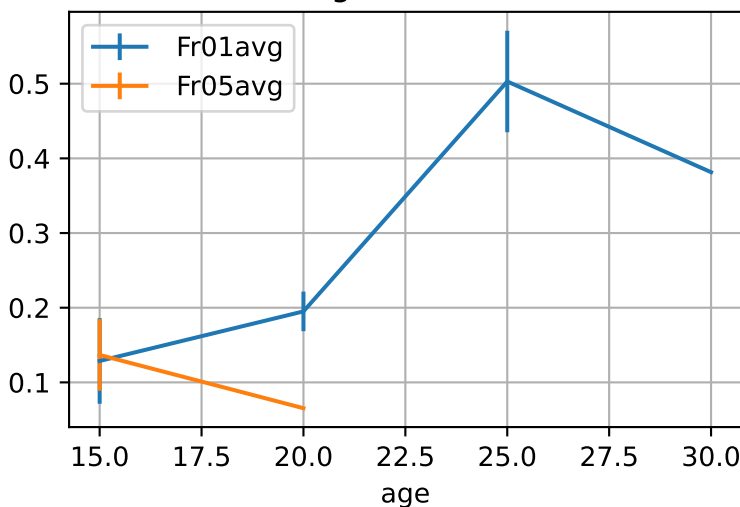
organID=T02



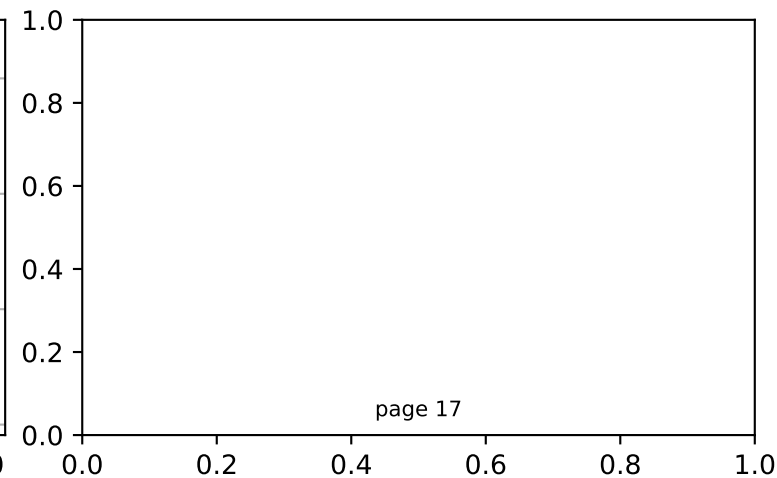
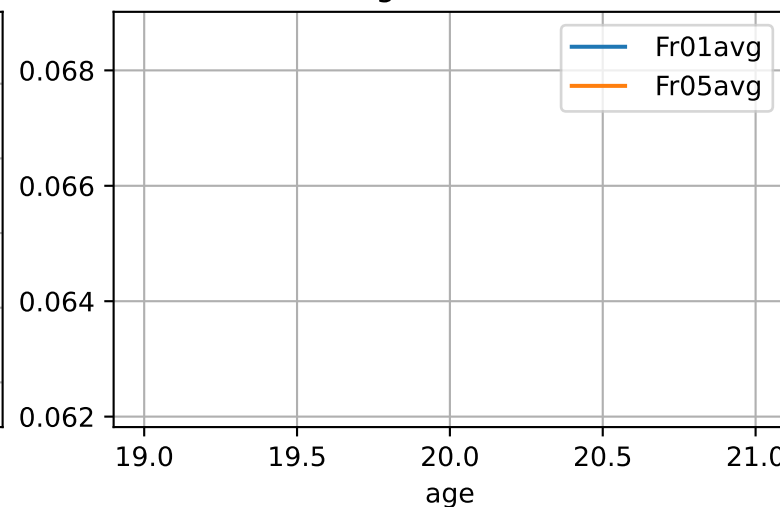
organID=T03



organID=T04

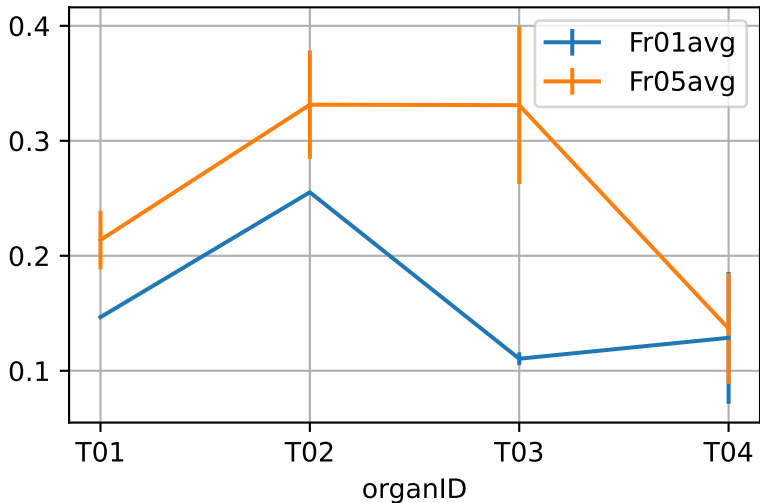


organID=T05

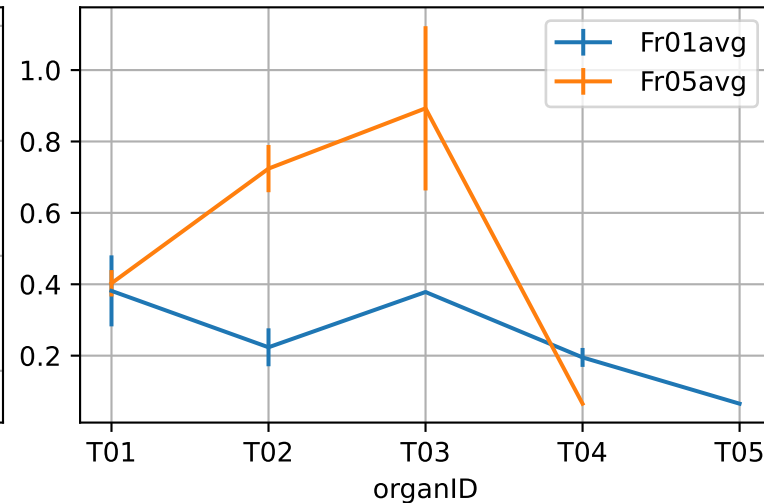


FrV trend at each age

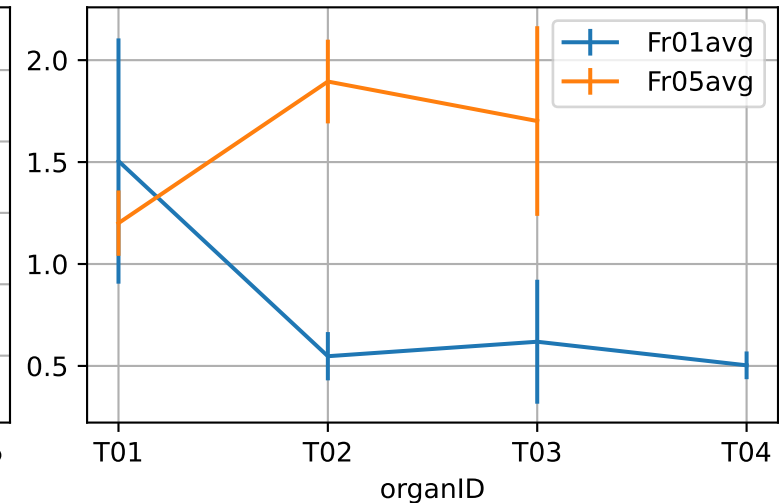
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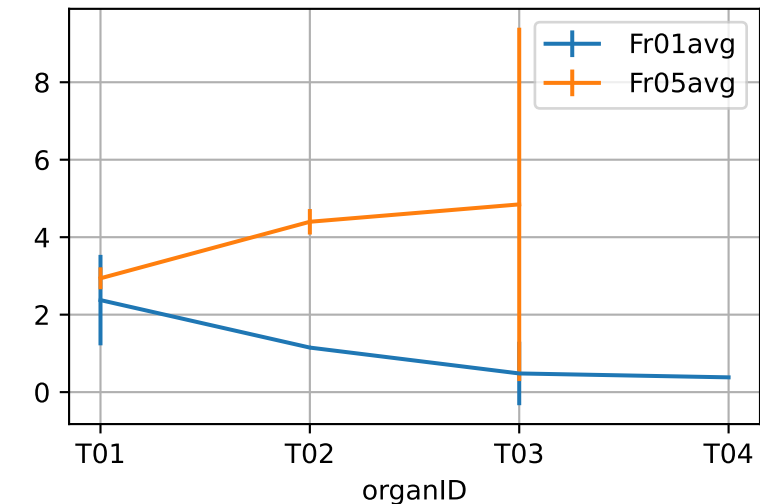
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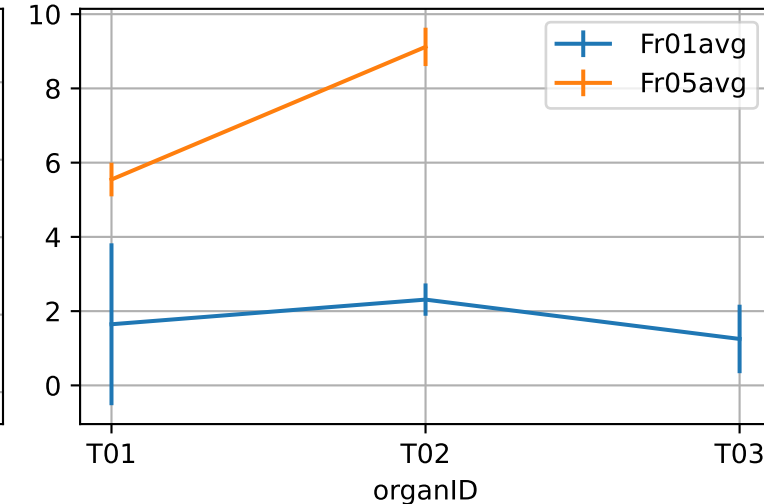
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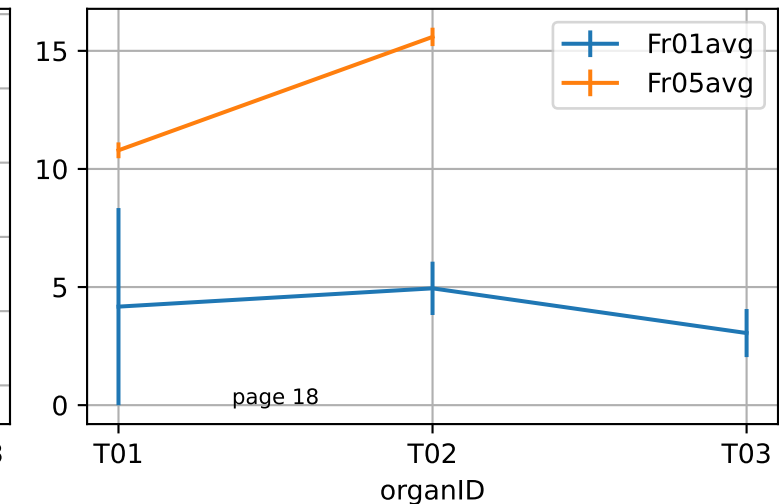
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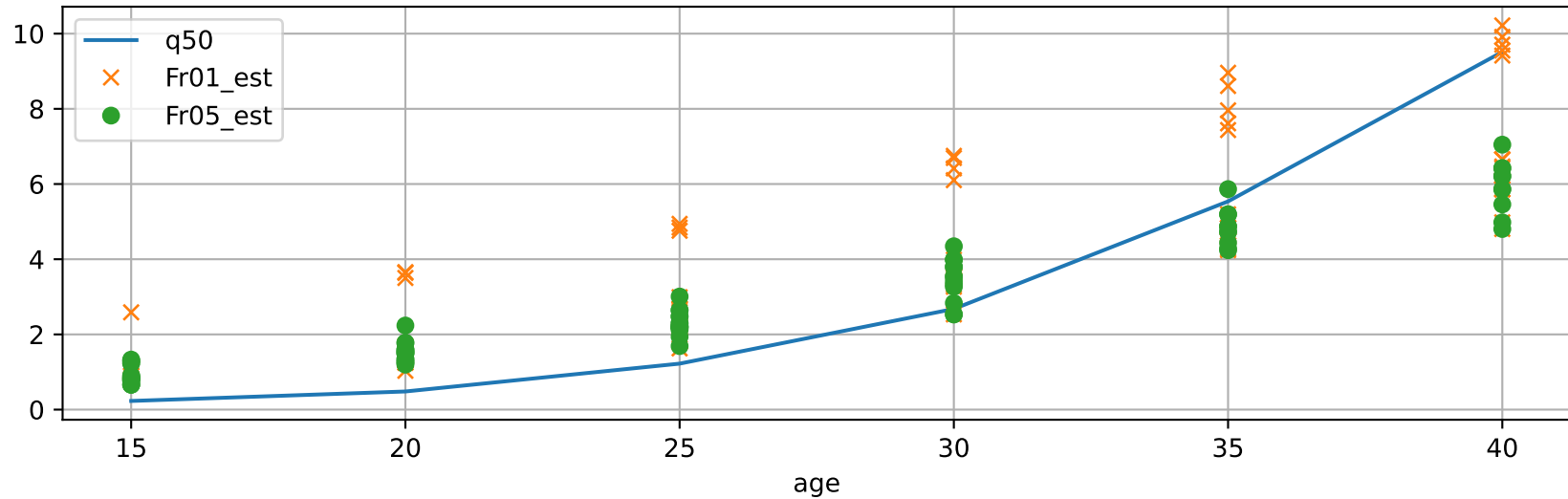
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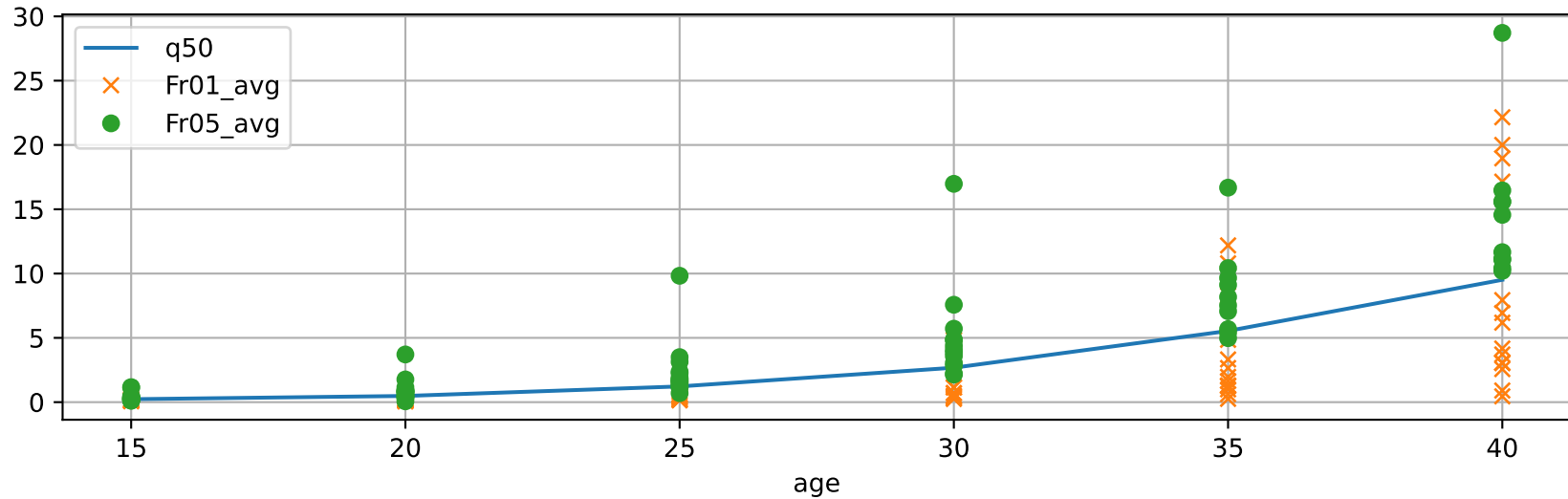
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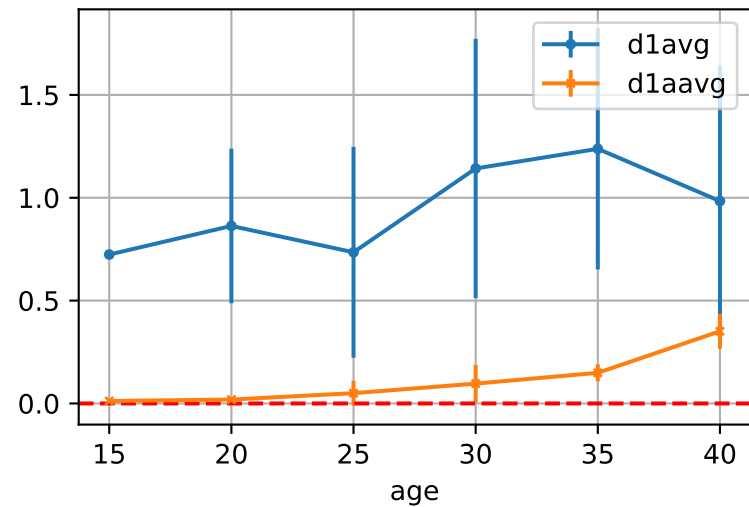
FrV: model Est vs obsFrV at Q90



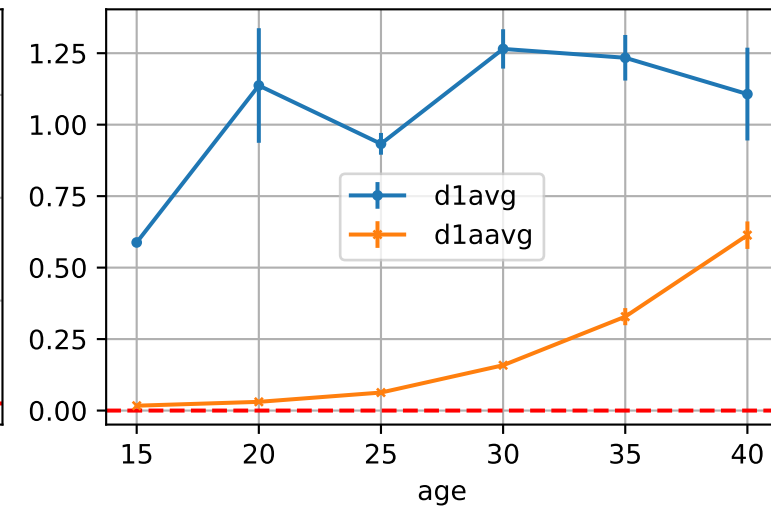
FrV: obsFrV vs obsFrV@Q90



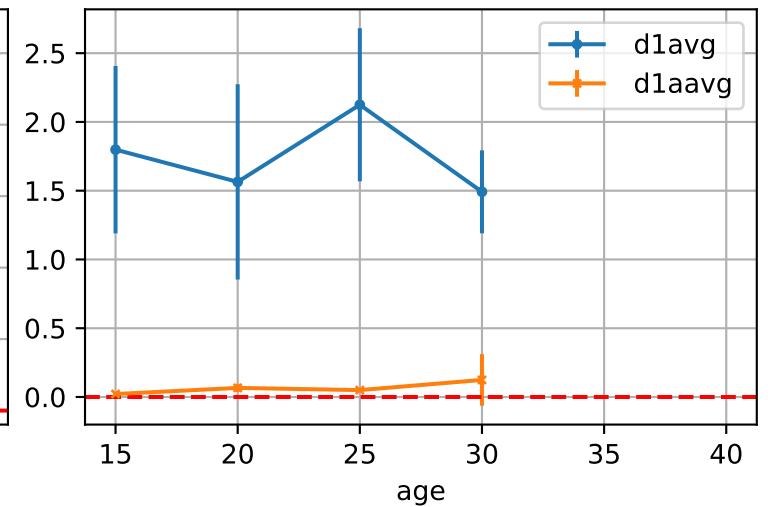
organID=1



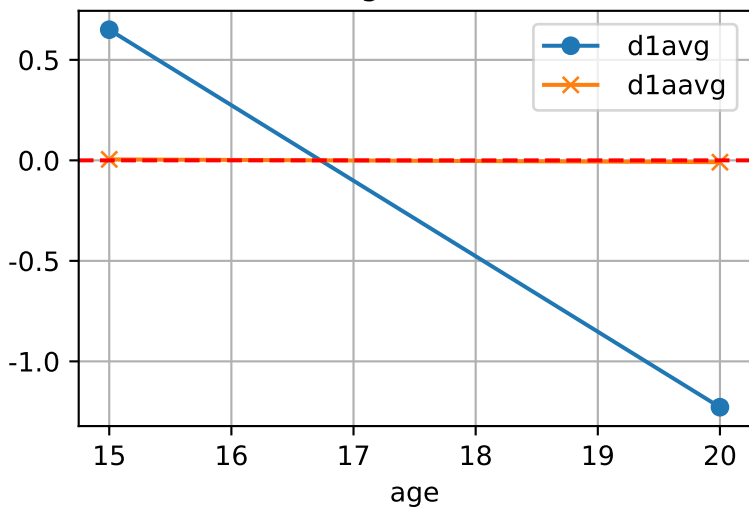
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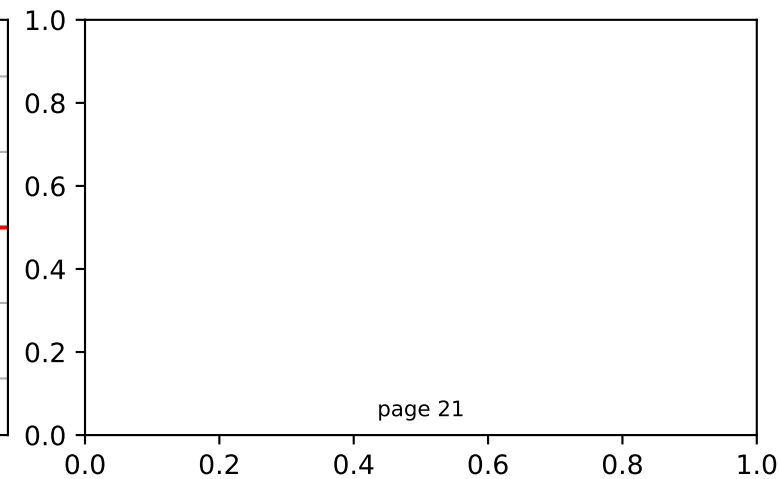
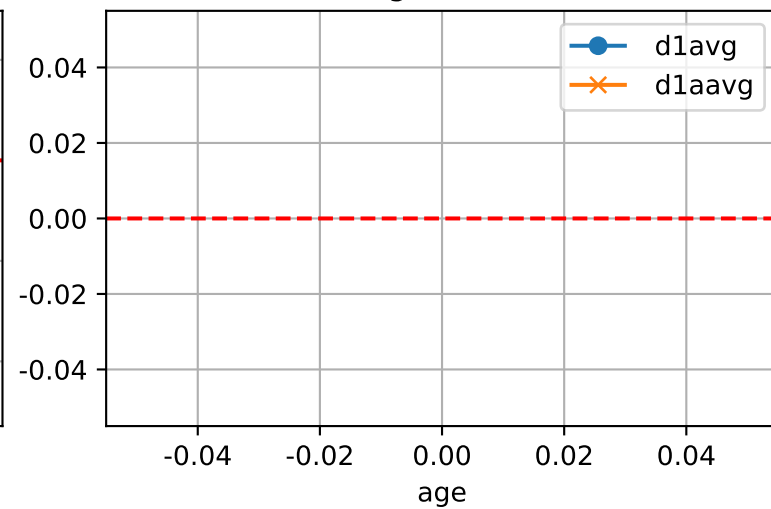
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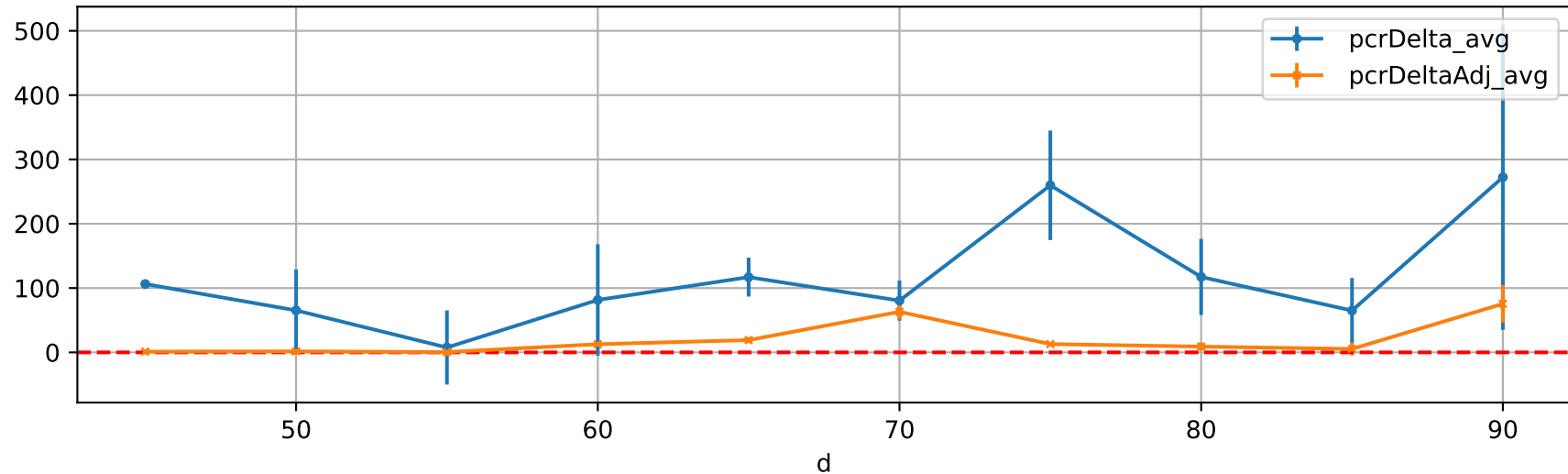
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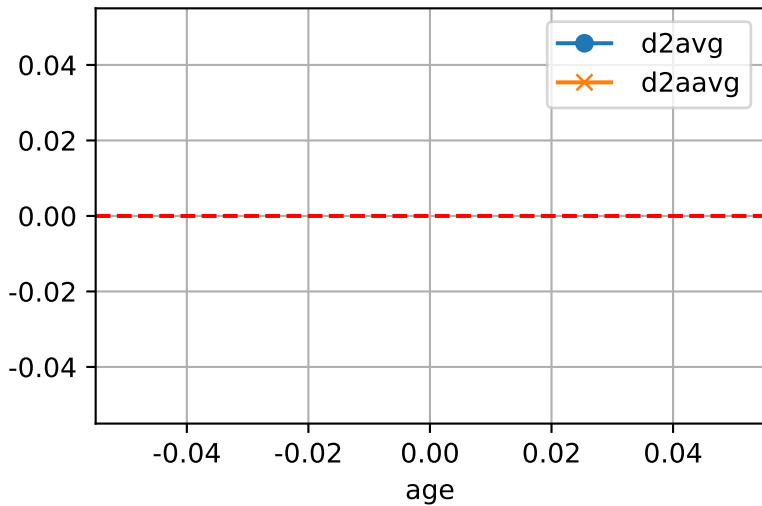
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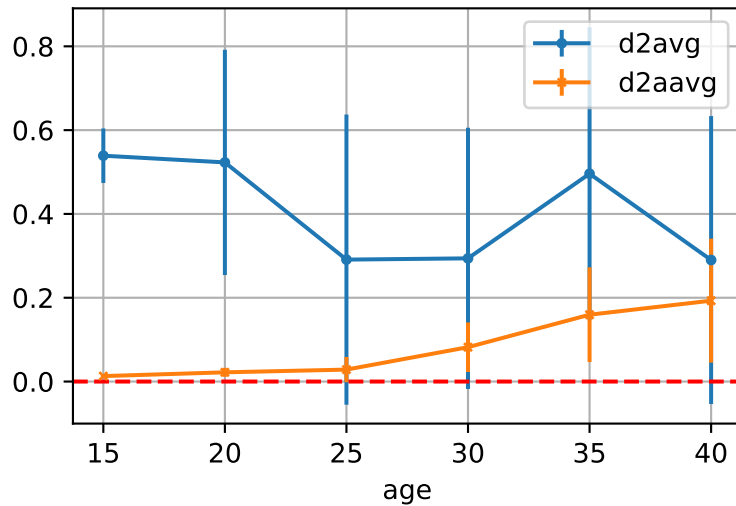
P10AE FrV: D_Fr1_FrV



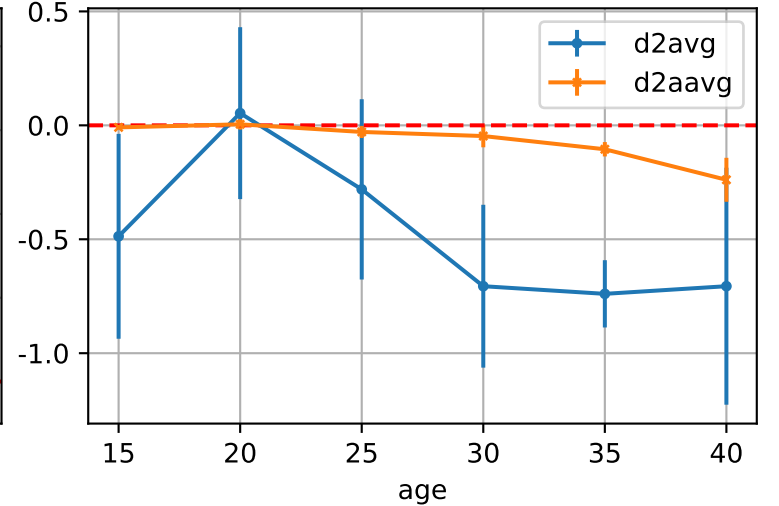
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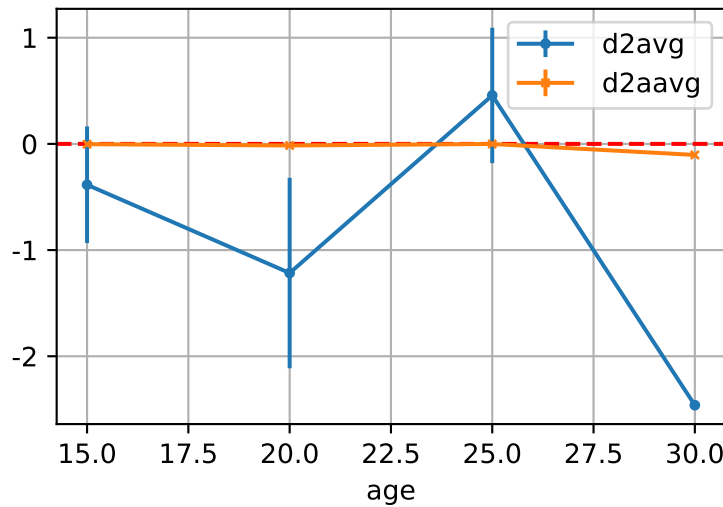
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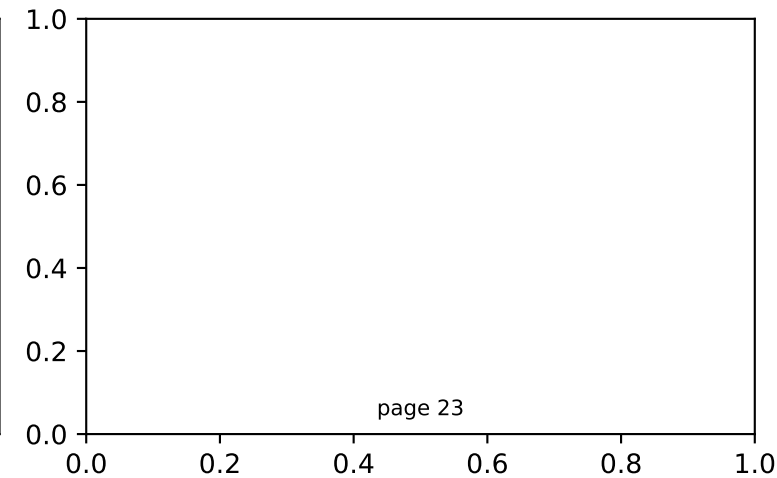
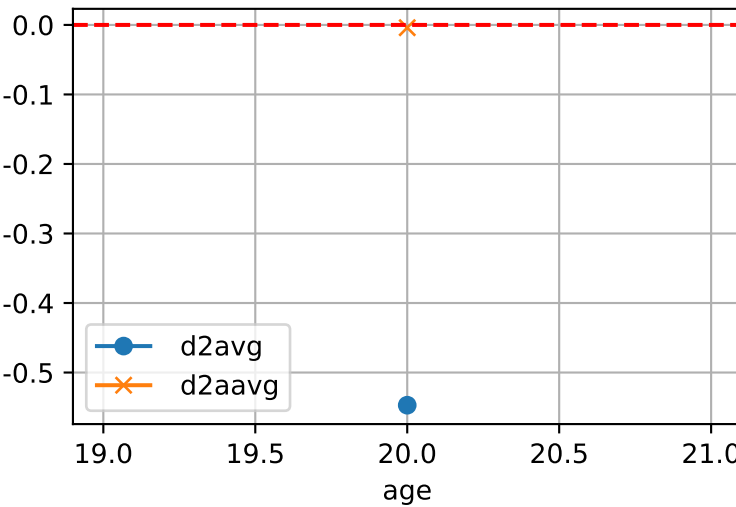
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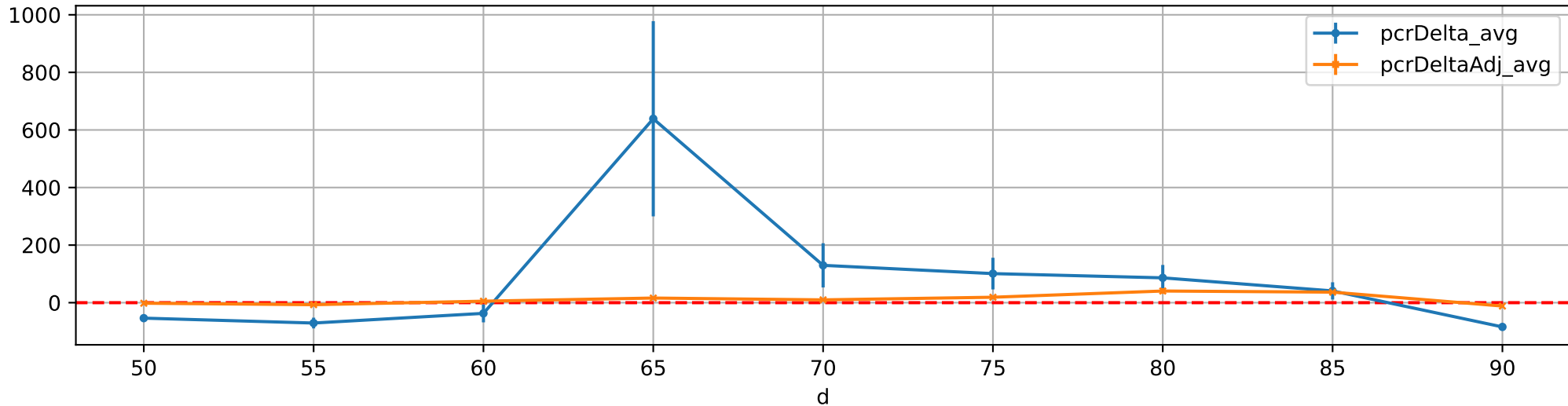
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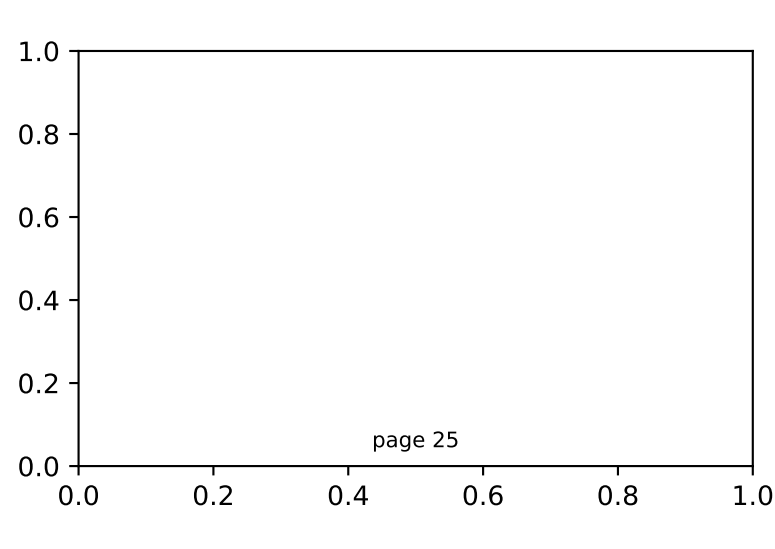
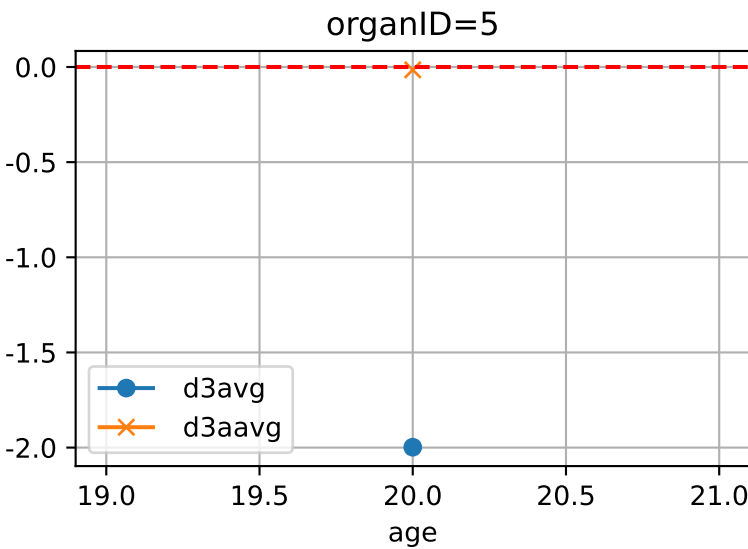
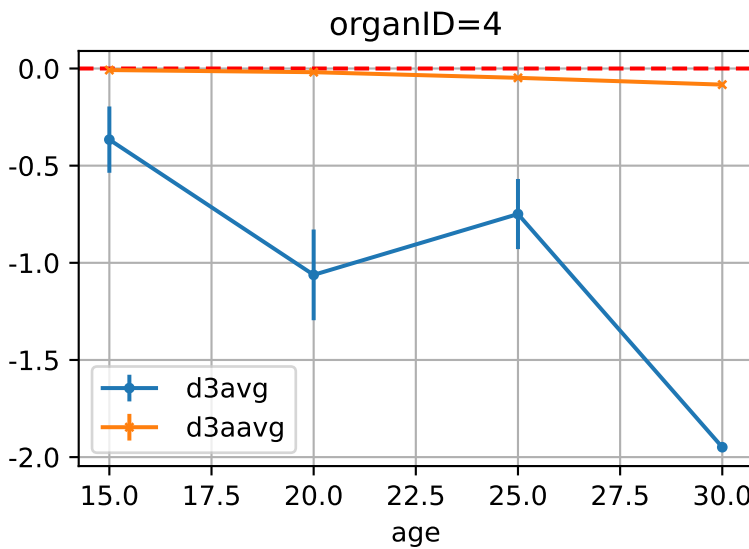
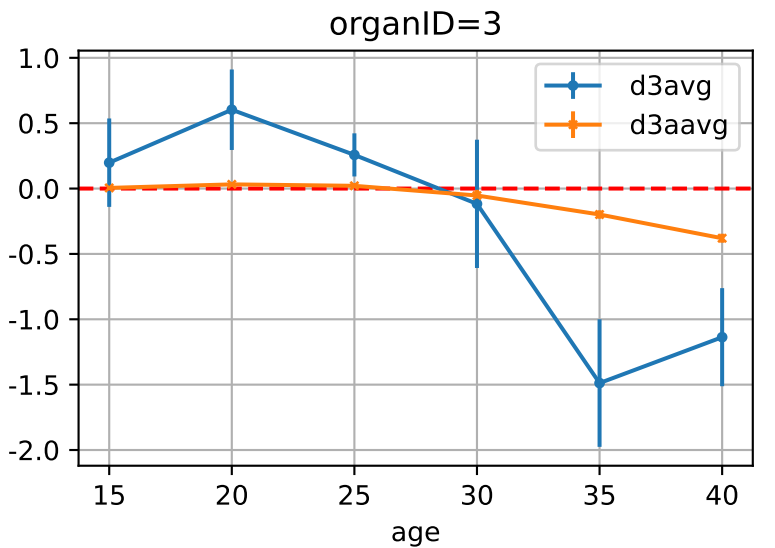
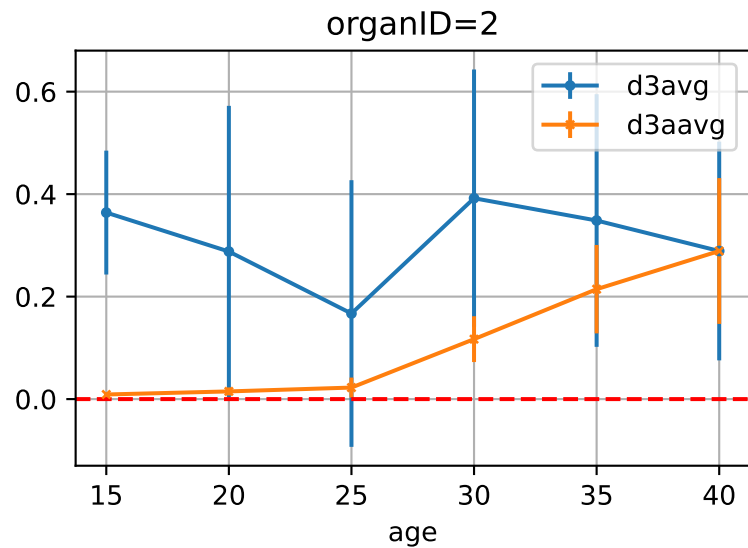
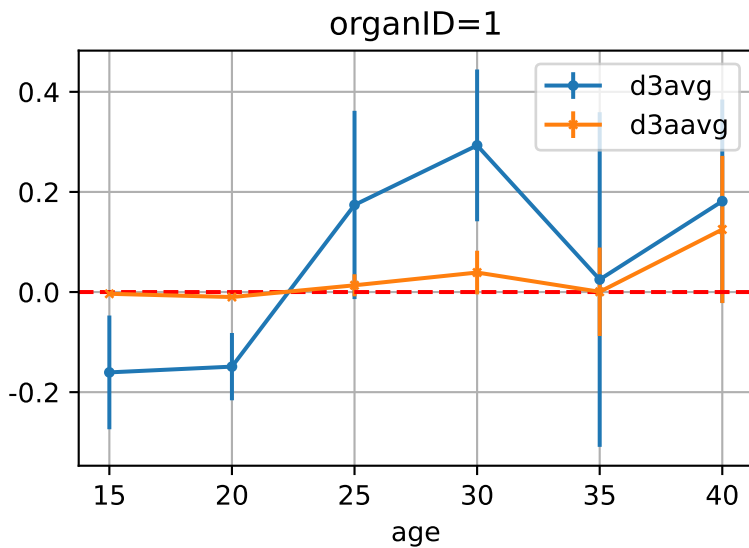


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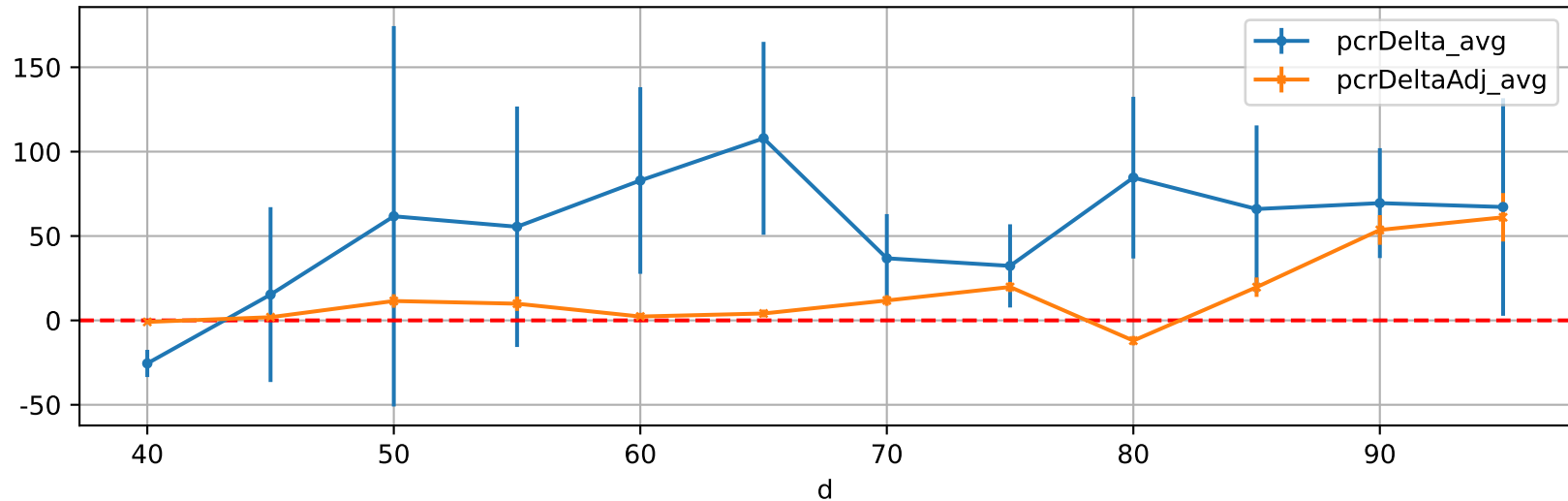


P10AE FrV: D_Ts_FrV



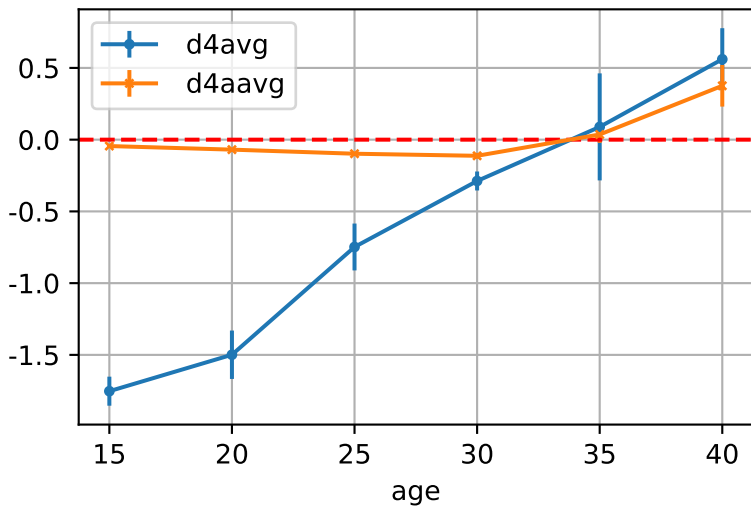


P10AE FrV: D_Q50_FrV

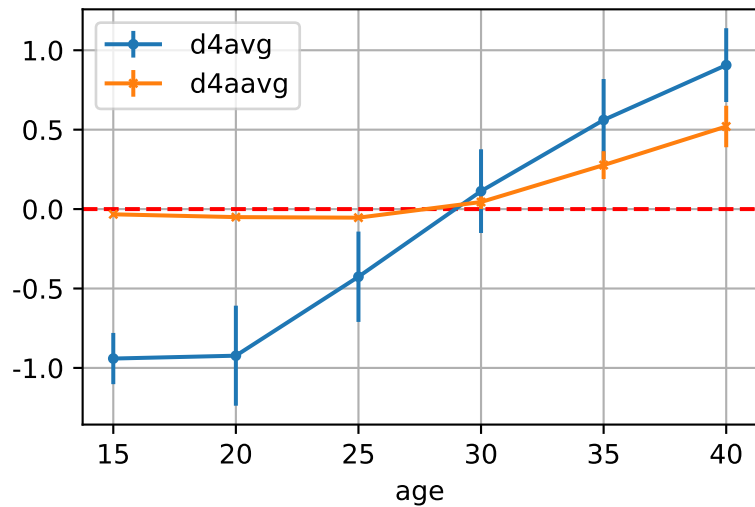


FrV: D_Est_FrV

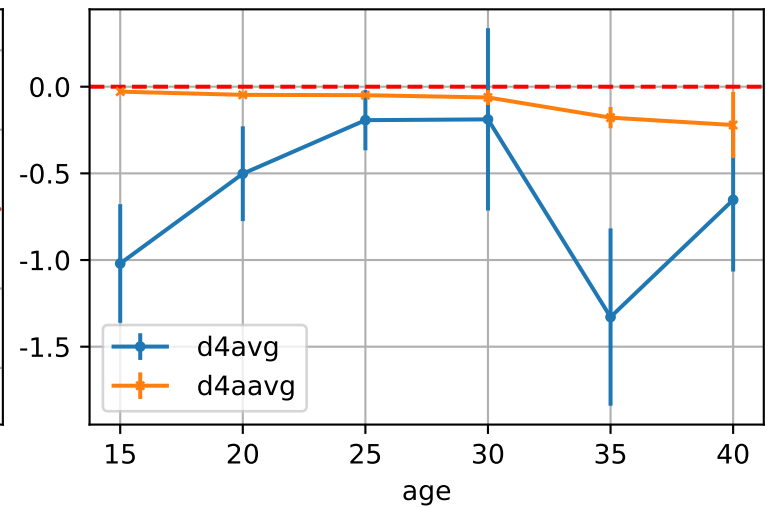
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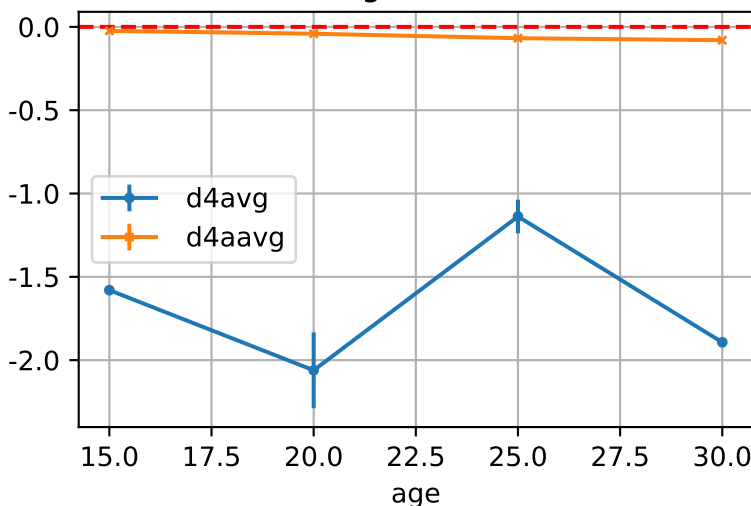
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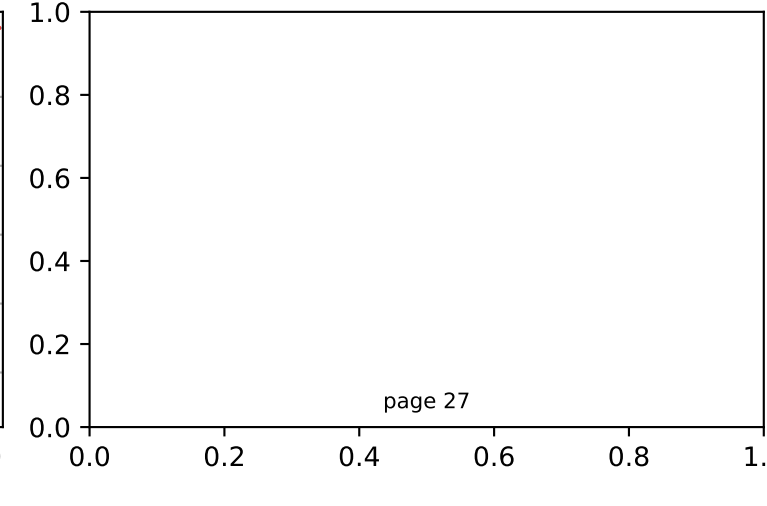
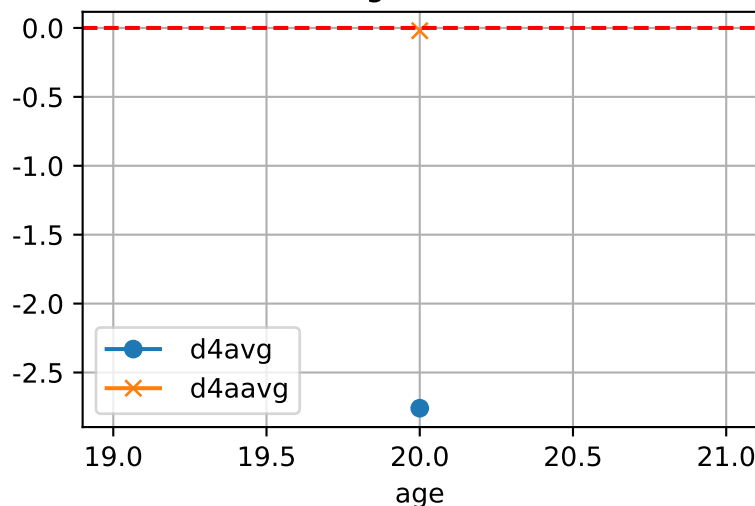
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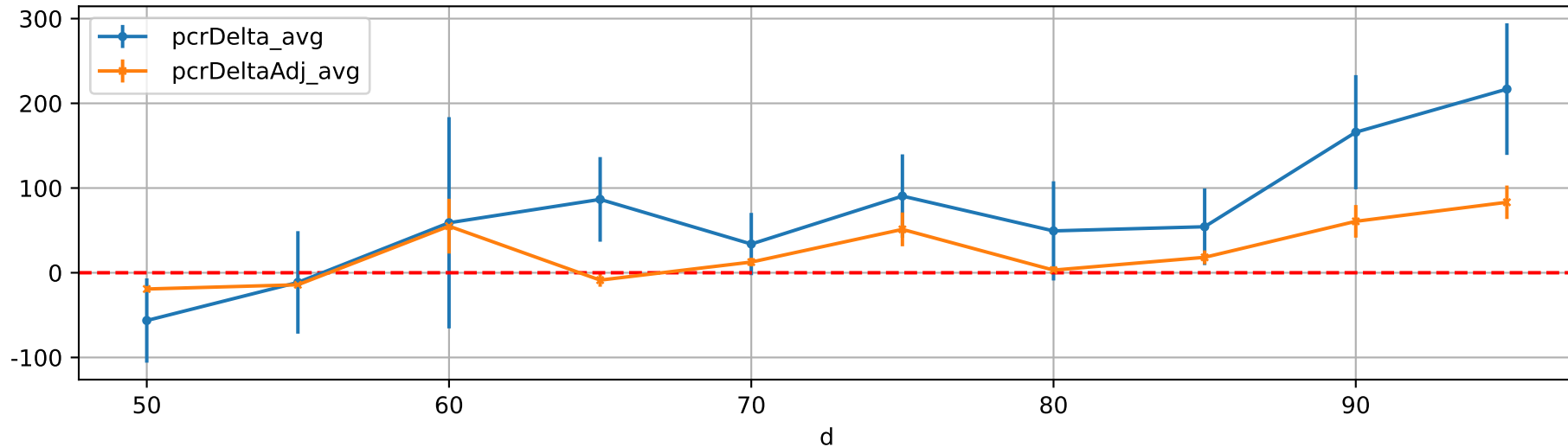
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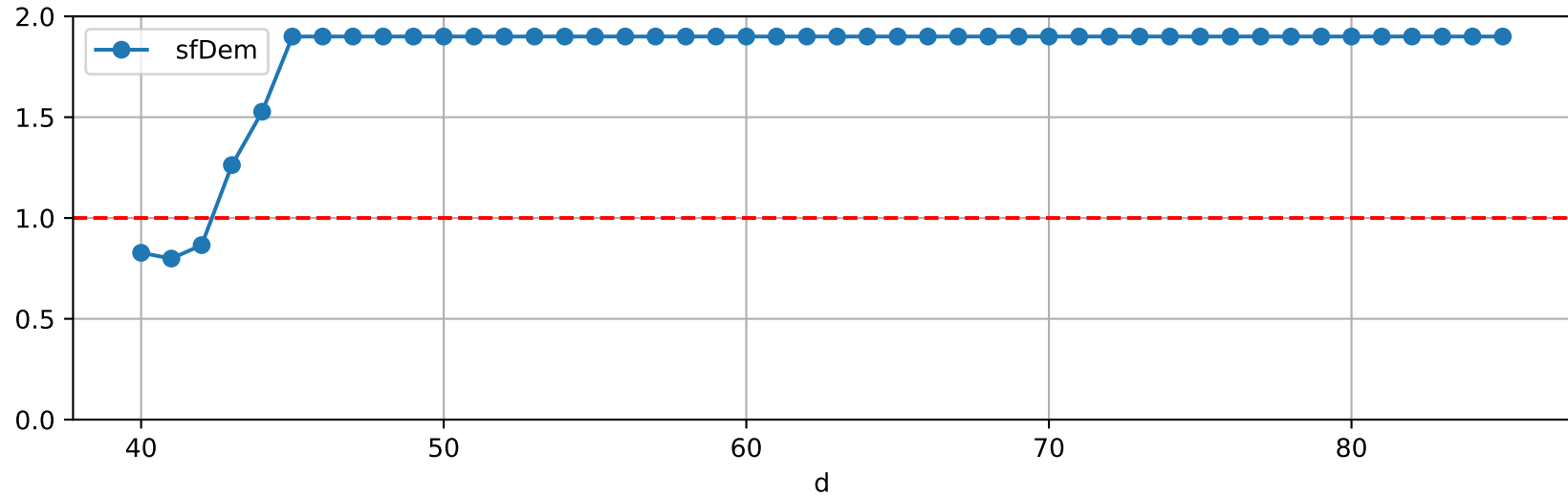
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P10AE FrV: D_Est_FrV



P10AE FrV: sfDem



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