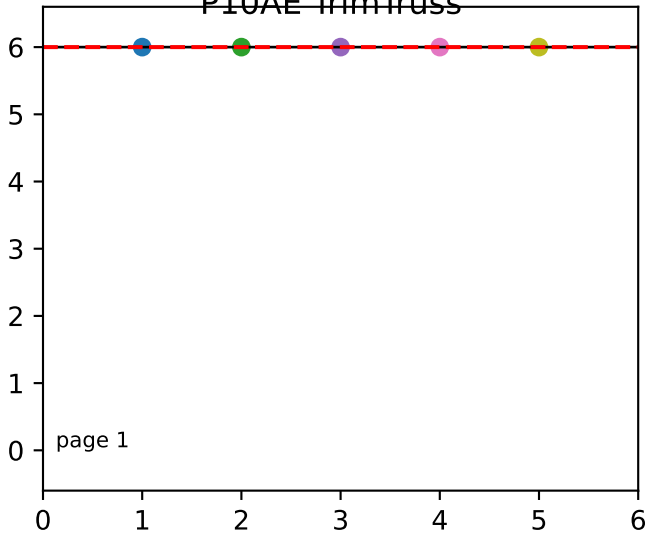


Phenotype Data Analysis Plots
PhenoData day range = 18 - 90
Analysis cutoff day = 90
NC11 P10
2026-01-17 (Day 91)

avg1=6.0±0% avg2=na
PIOAE Trim Truss

PIOAE



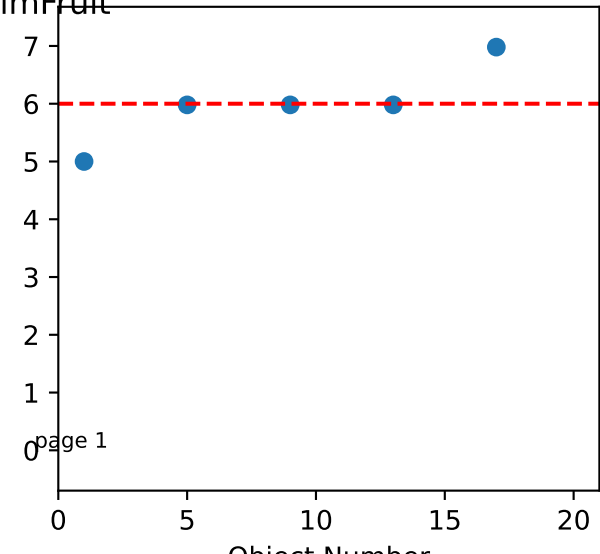
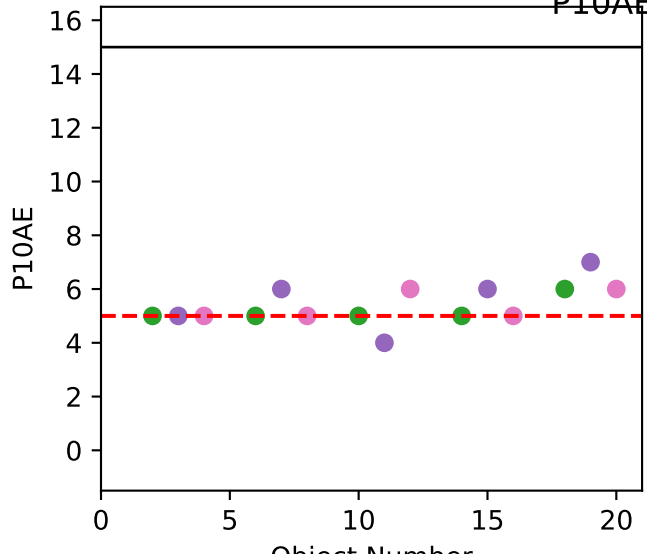
page 1

Object Number

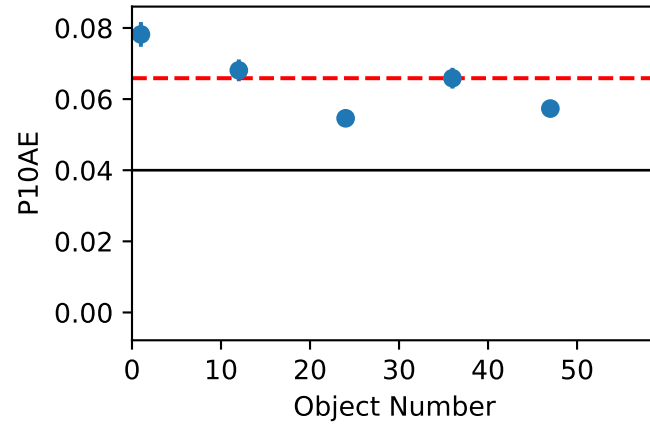
avg1=5.0~15% avg2=na

P10AE TrimFruit

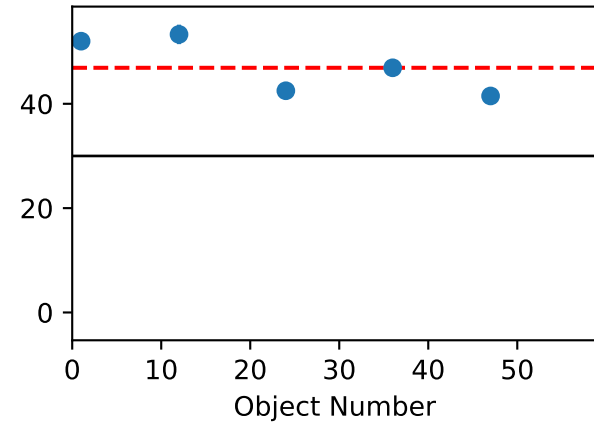
avg1=6.0~0% avg2=na



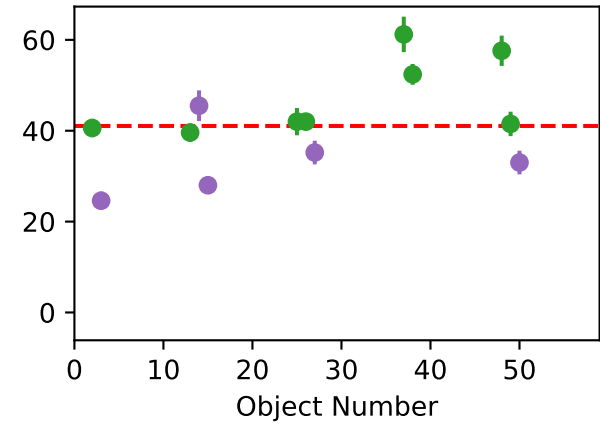
LIA_Q90AbsY (Def=0.04 Set=0.07)
avg1=0.07~14% avg2=na



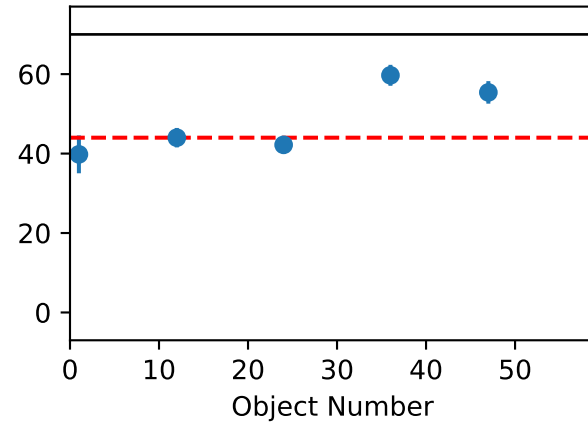
LIW_Q90AbsY (Def=50 Set=46.9)
avg1=46.9~11% avg2=na



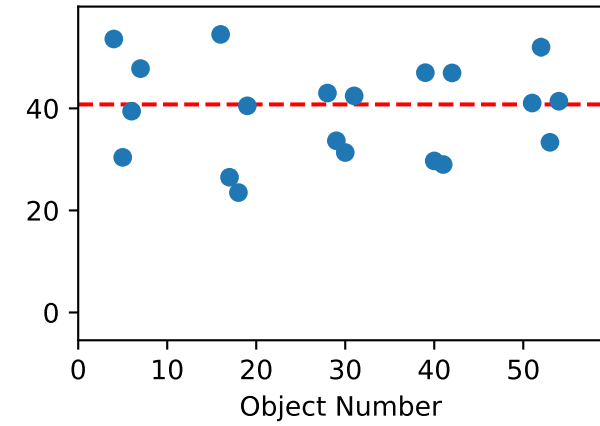
FrD_avgAbsY (Def=na Set=41.05)
avg1=41.05~23% avg2=na



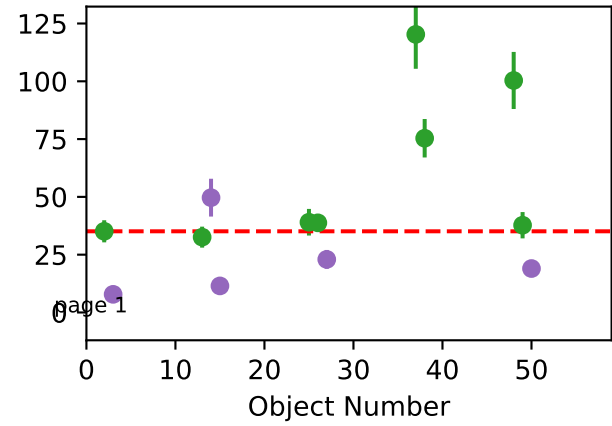
FrD_Q90AbsY (Def=70 Set=44.0)
avg1=44.0~20% avg2=na



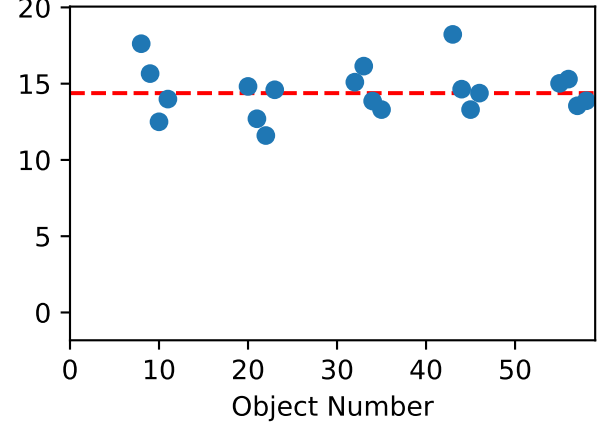
LfW_avgAbsY (Def=na Set=40.77)
avg1=40.77~23% avg2=na



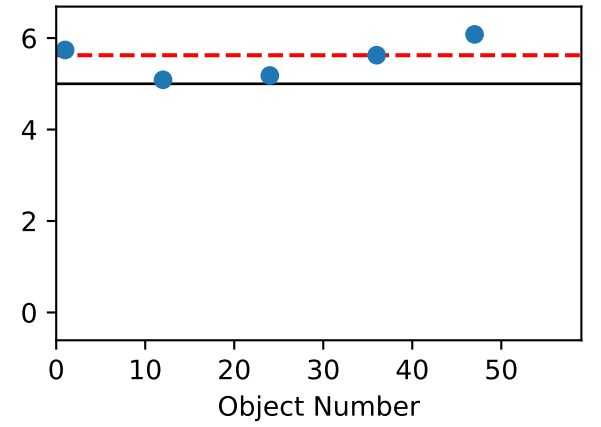
FrV_avgAbsY (Def=na Set=35.11)
avg1=35.11~54% avg2=na



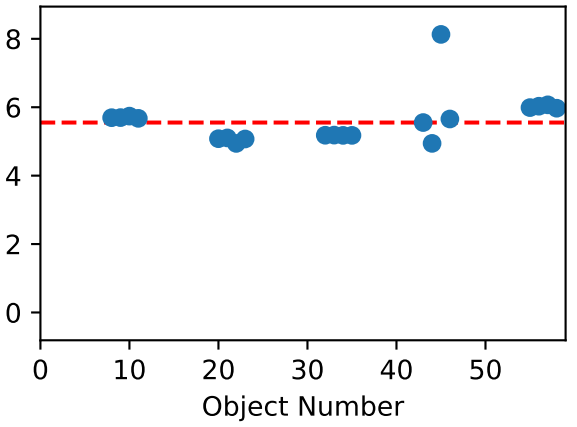
NuD_avgAbsY (Def=na Set=14.38)
avg1=14.38~10% avg2=na



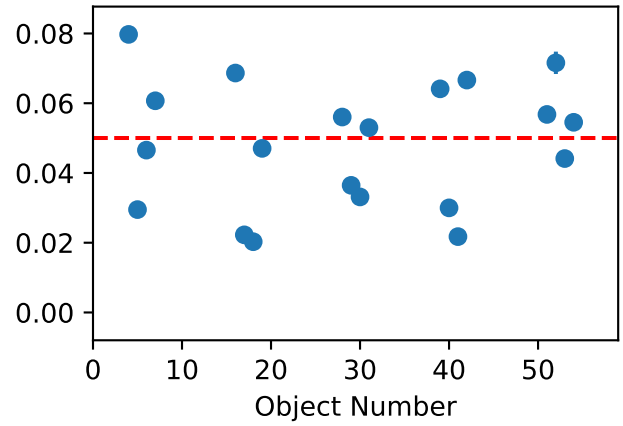
NuL_Q90AbsY (Def=5 Set=5.62)
avg1=5.62~7% avg2=na



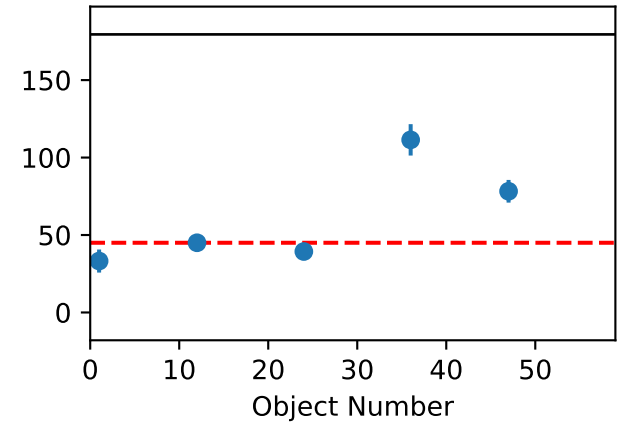
NuL_avgAbsY (Def=na Set=5.55)
avg1=5.55~7% avg2=na



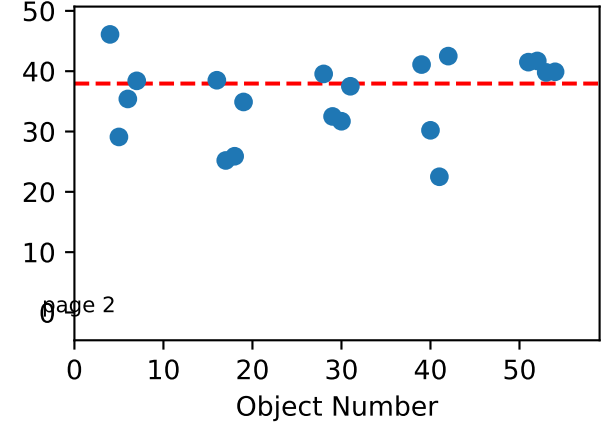
LfA_avgAbsY (Def=na Set=0.05)
avg1=0.05~36% avg2=na



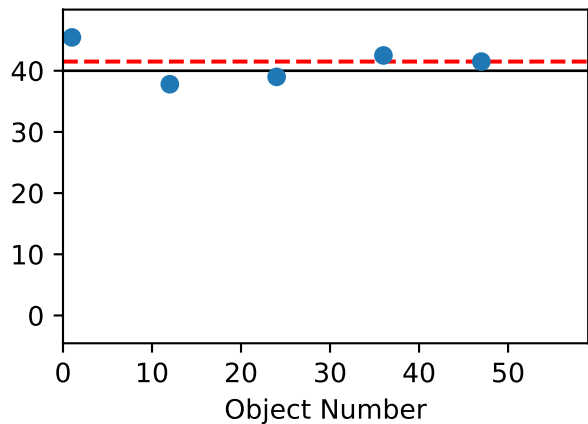
FrV_Q90AbsY (Def=179.5 Set=45.0)
avg1=45.0~73% avg2=na



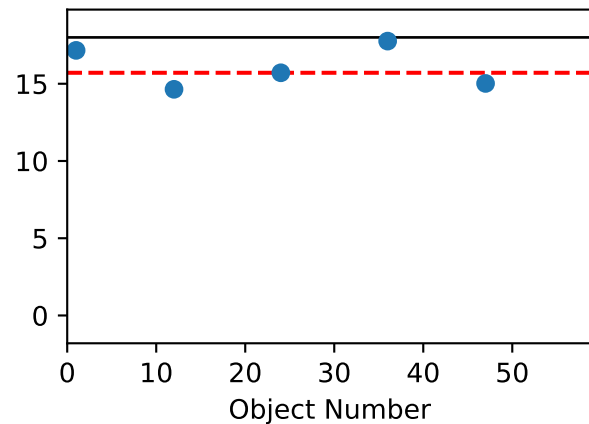
LfL_avgAbsY (Def=na Set=37.95)
avg1=37.95~17% avg2=na



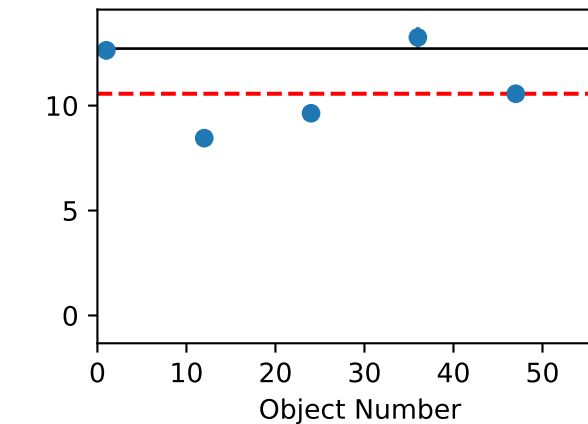
LIL_Q90AbsY (Def=40 Set=41.5)
avg1=41.5~7% avg2=na



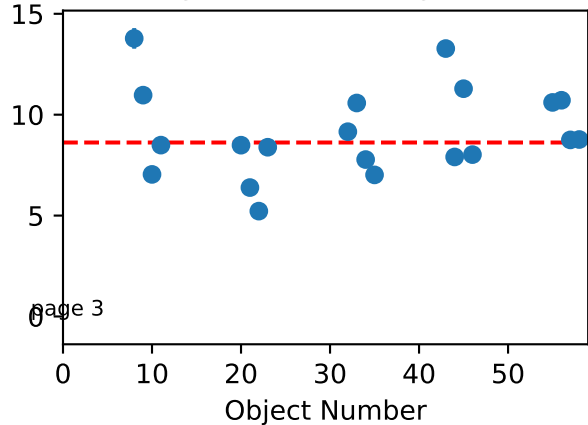
NdD_Q90AbsY (Def=18 Set=15.71)
avg1=15.71~9% avg2=na



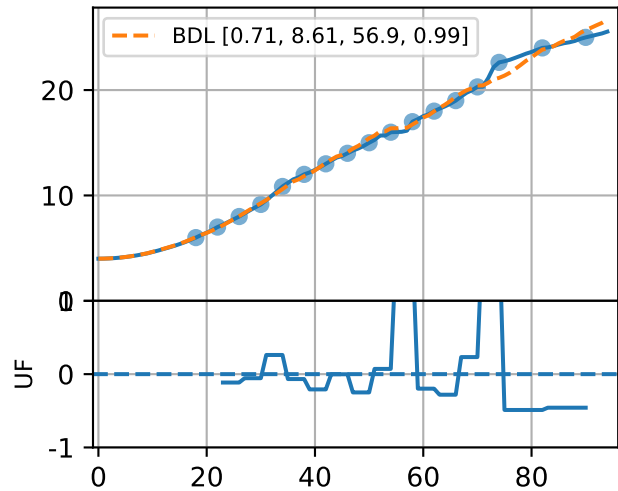
NdV_Q90AbsY (Def=12.72 Set=10.56)
avg1=10.56~19% avg2=na



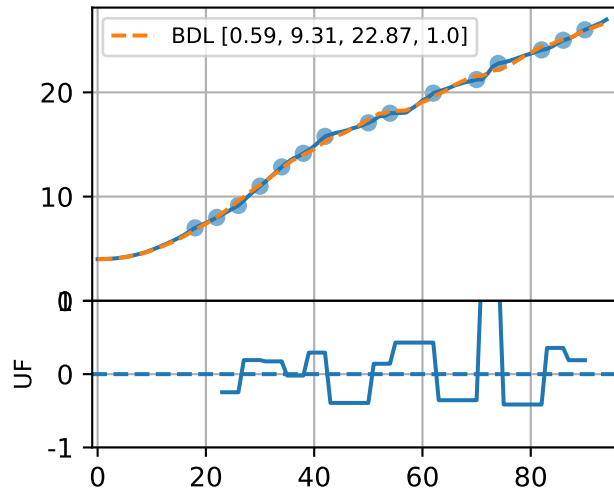
NdV_avgAbsY (Def=na Set=8.62)
avg1=8.62~25% avg2=na



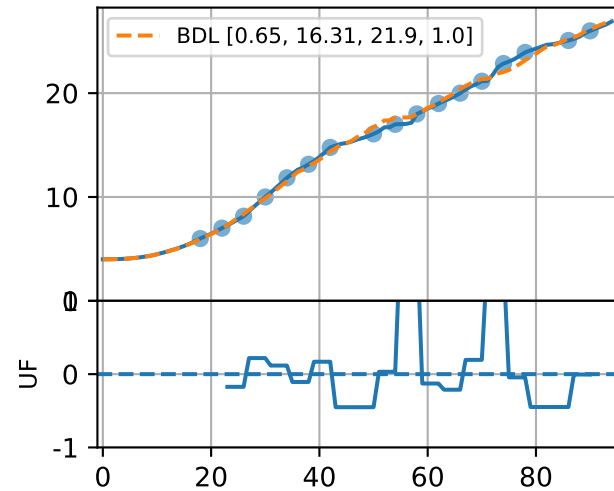
P10AE-081-12 (fit failed)



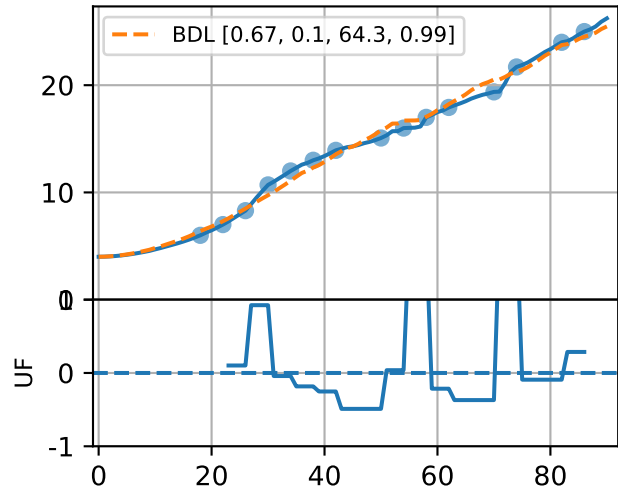
P10AE-087-27 (fit failed)



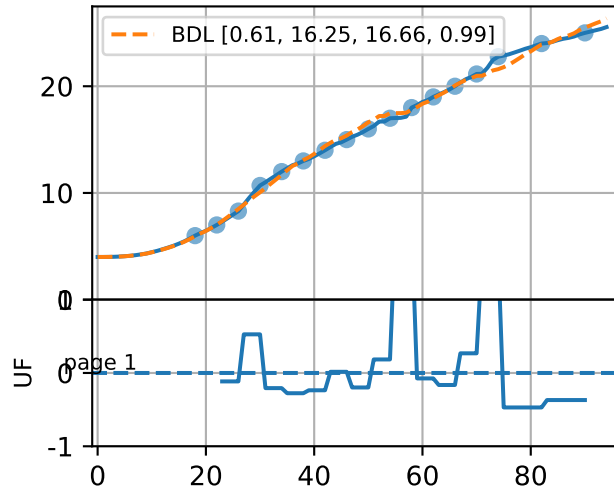
P10AE-095-20 (fit failed)



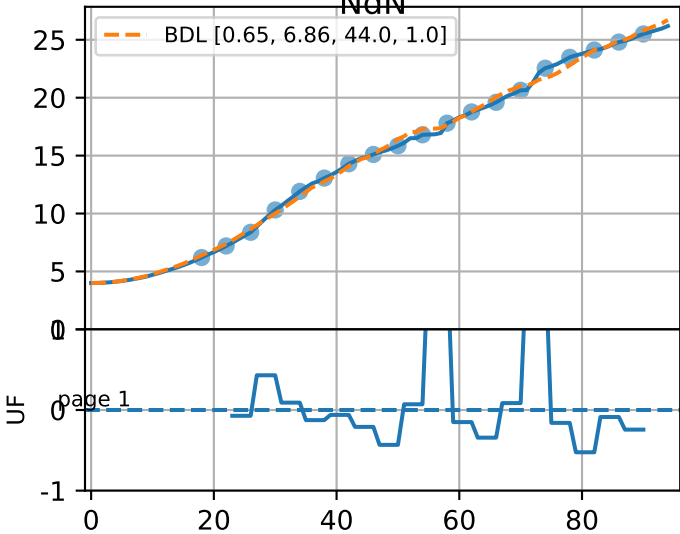
P10AE-103-32 (fit failed)



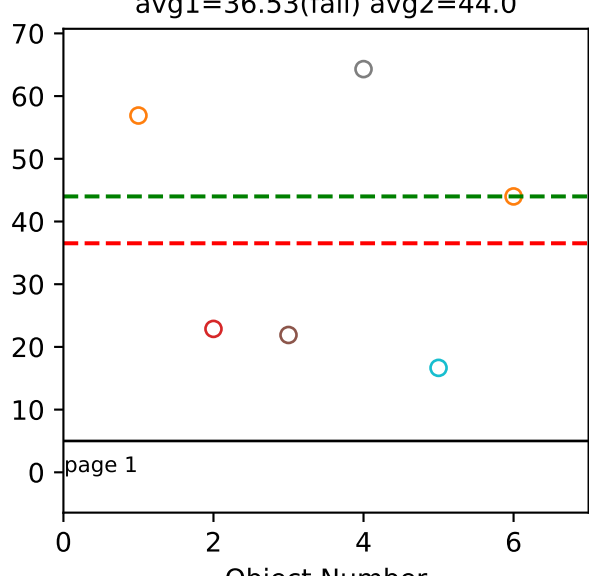
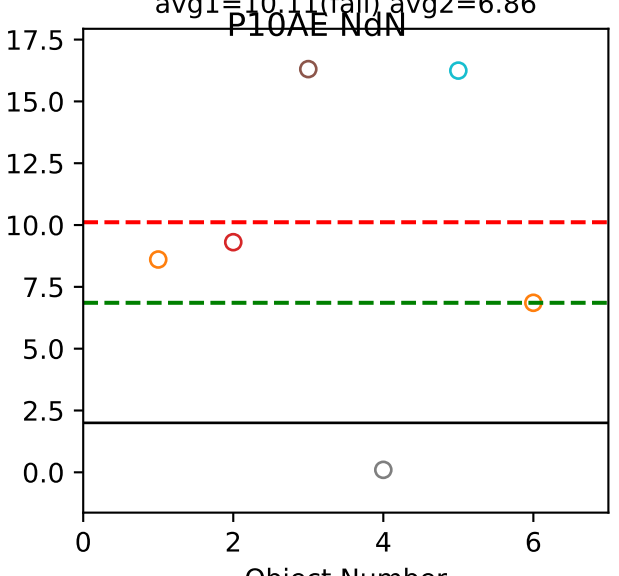
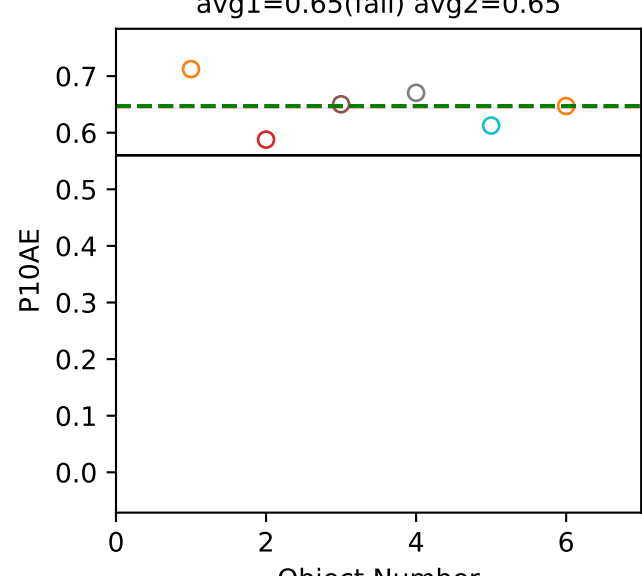
P10AE-114-7 (fit failed)

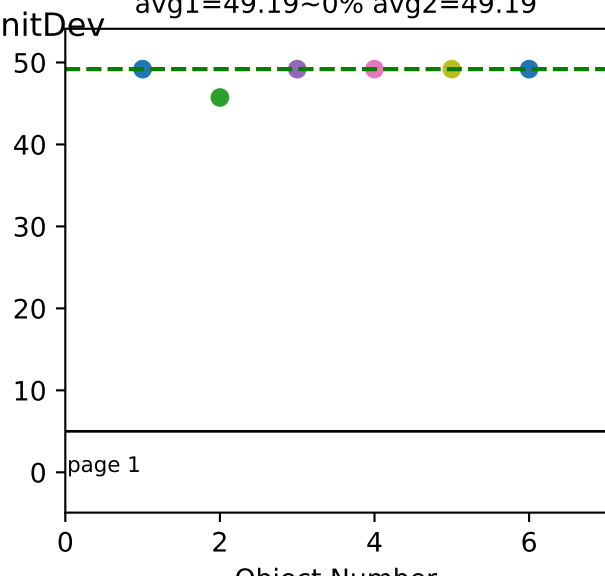
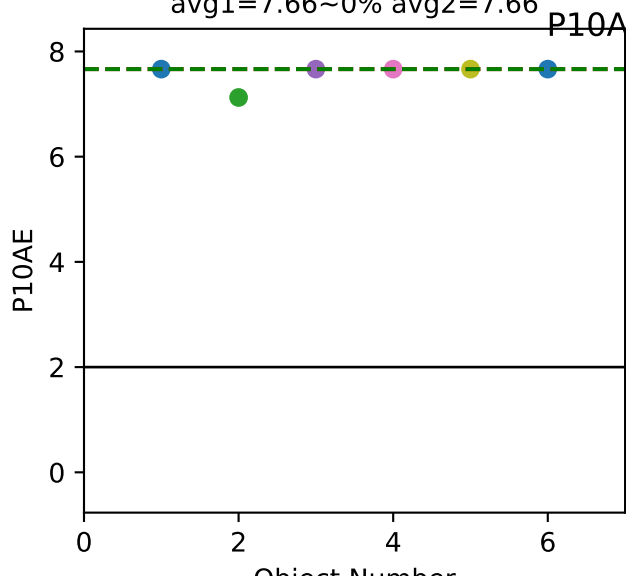


PI0AEavg (hit tailed) NaN

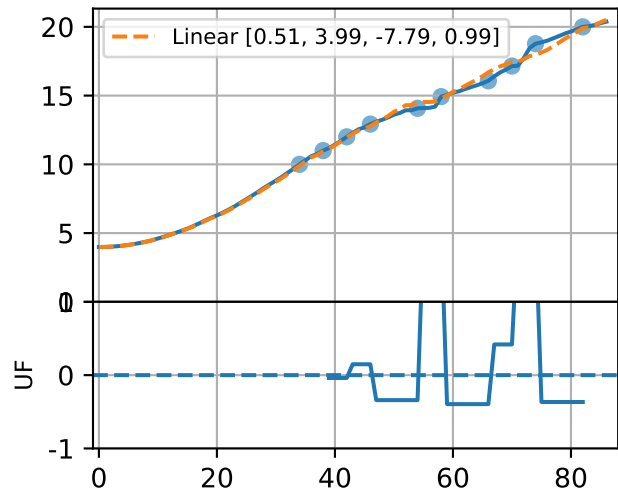


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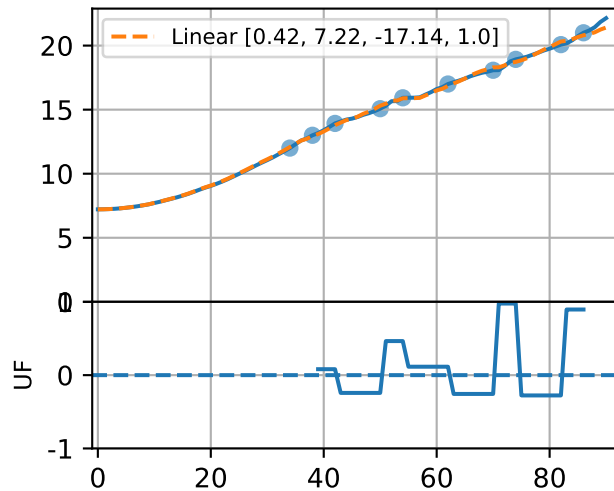




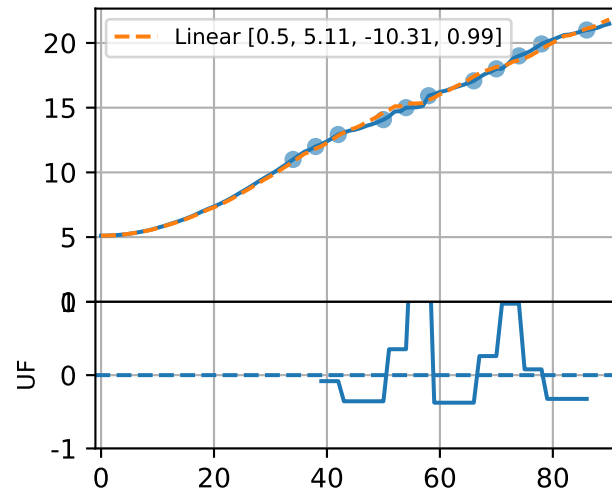
P10AE-081-12



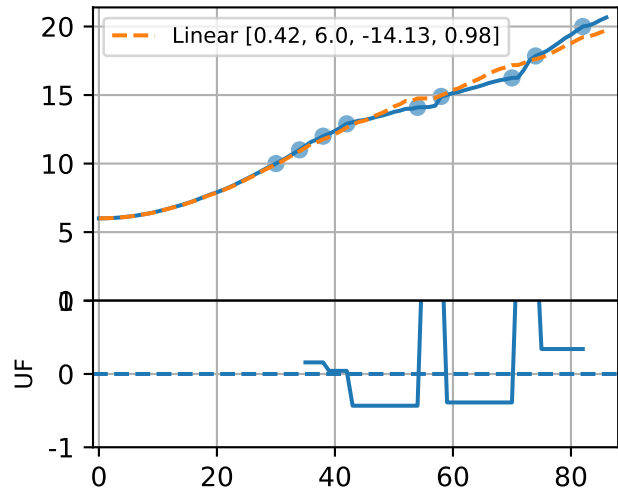
P10AE-087-27



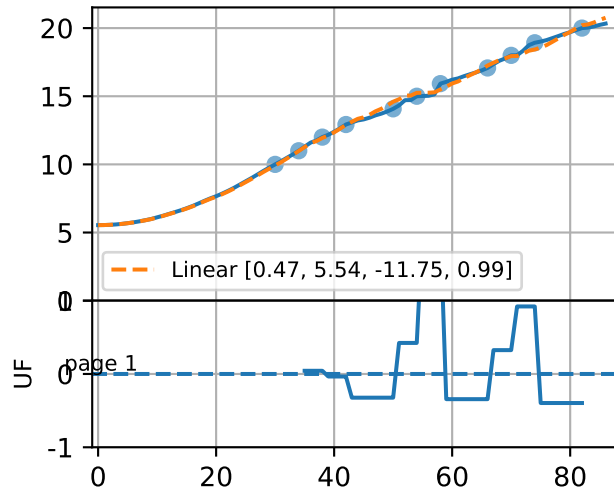
P10AE-095-20



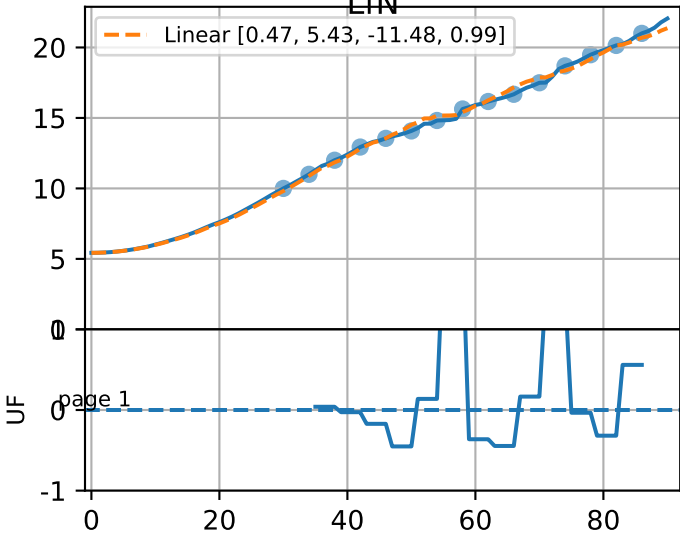
P10AE-103-32

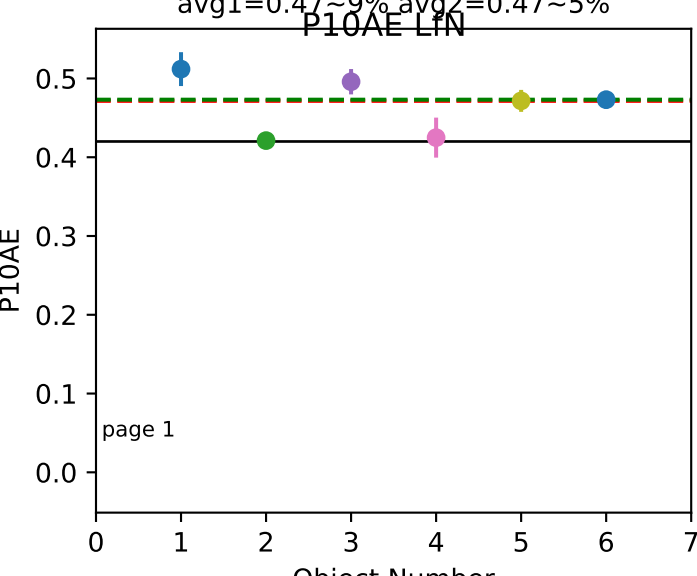


P10AE-114-7

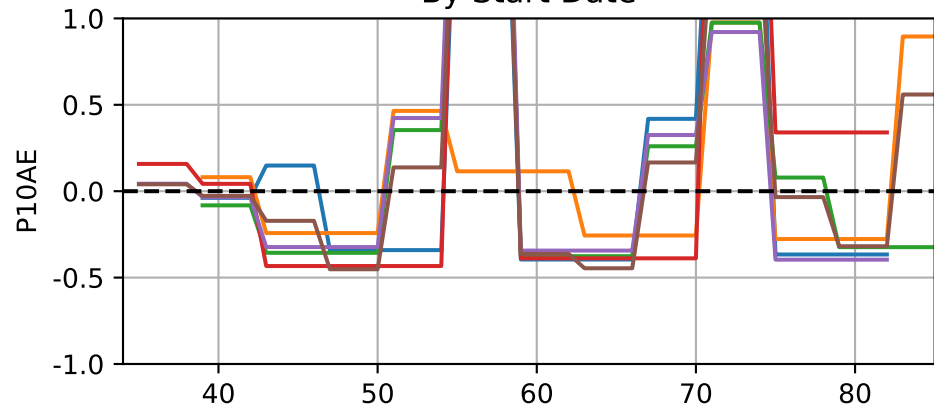


PIQALavg

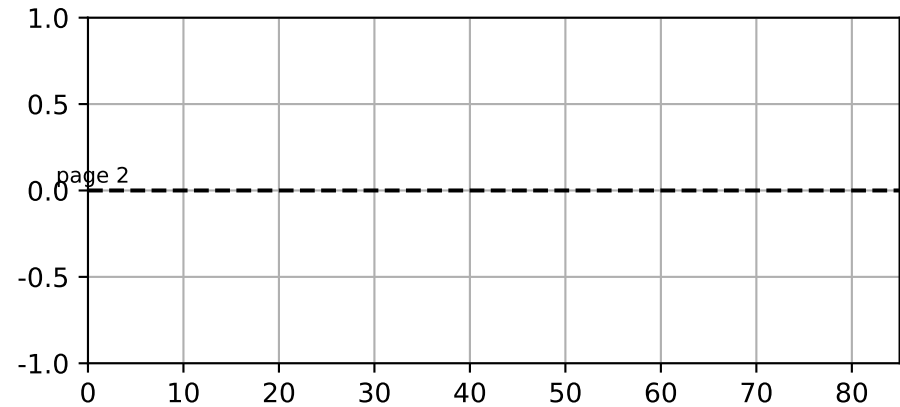
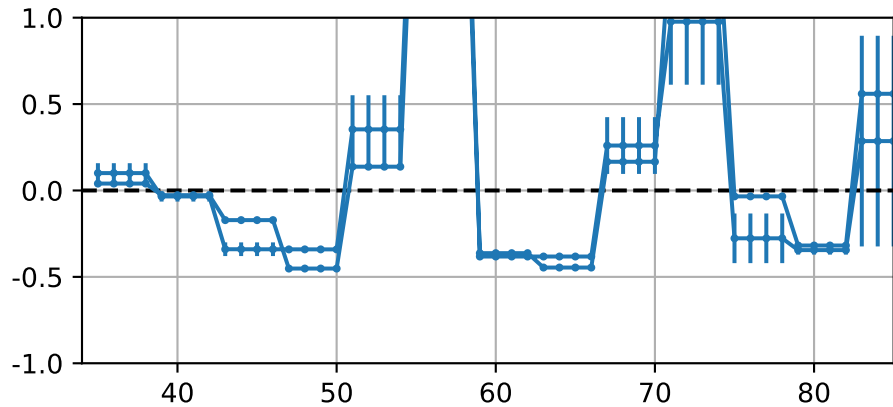
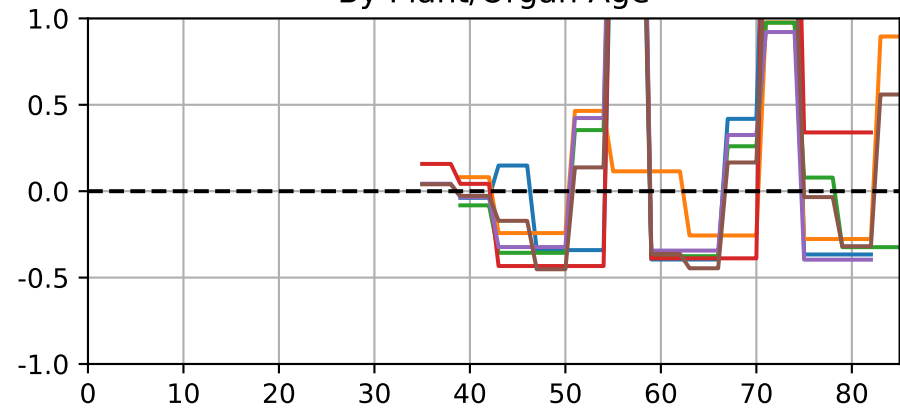




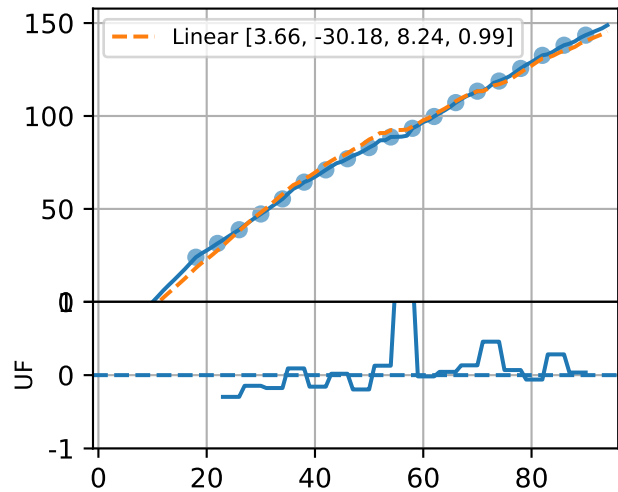
By Start Date



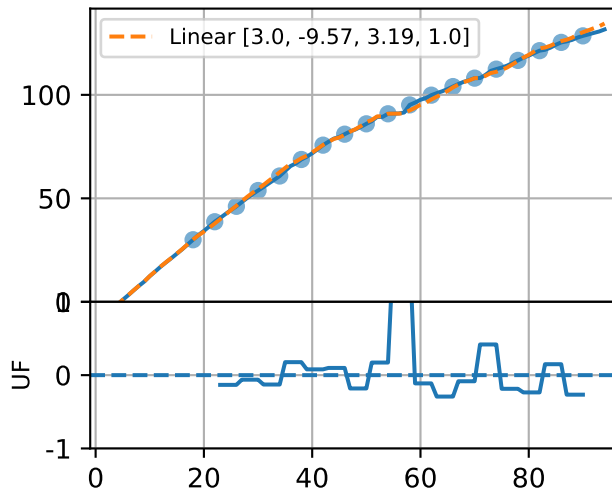
By Plant/Organ Age



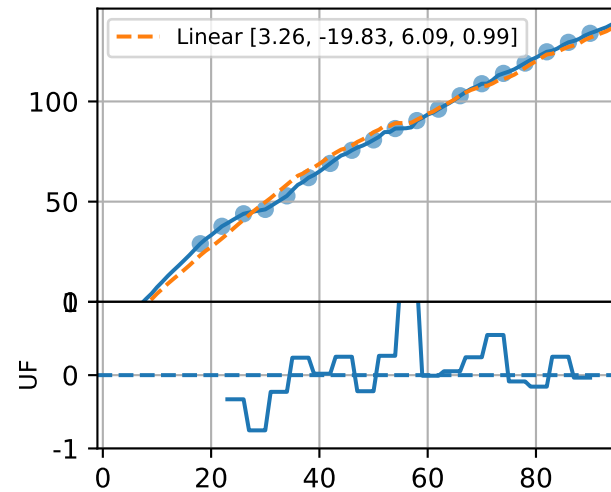
P10AE-081-12



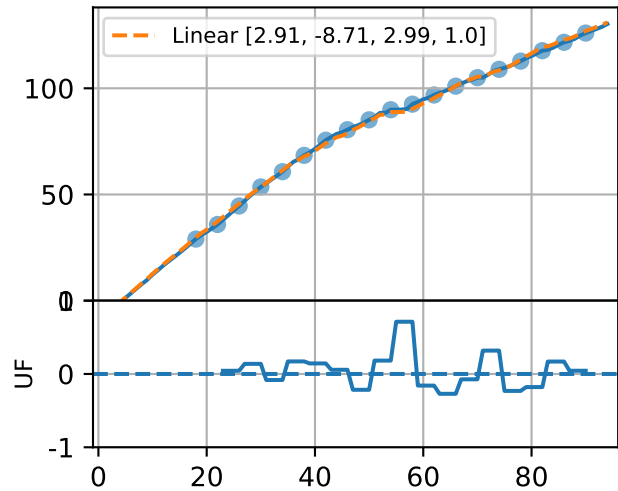
P10AE-087-27



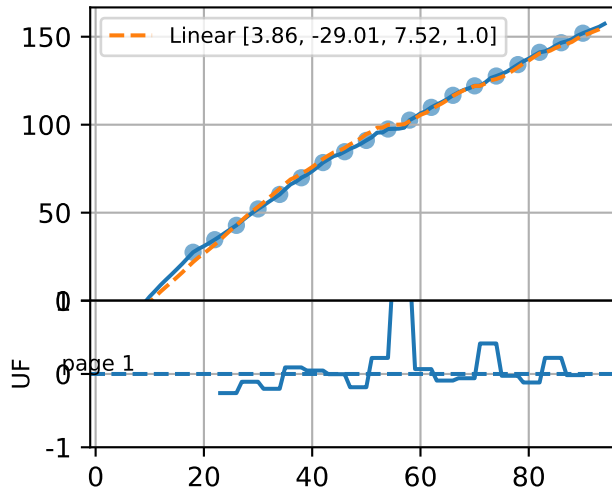
P10AE-095-20



P10AE-103-32

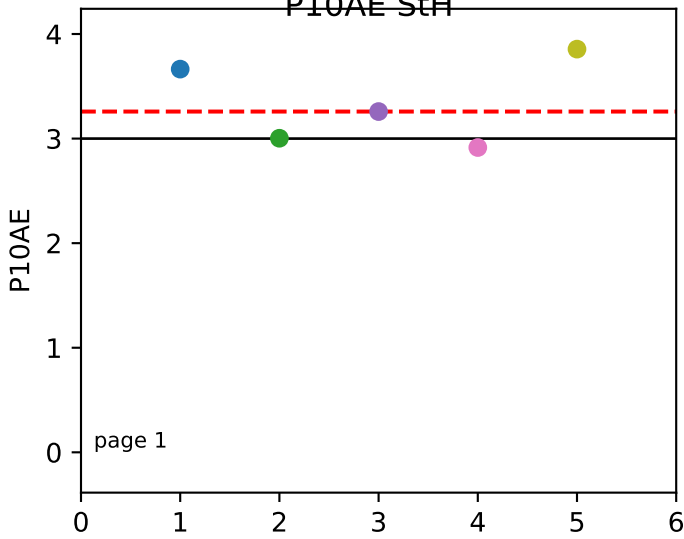


P10AE-114-7



avg1=3.26~13% avg2=na

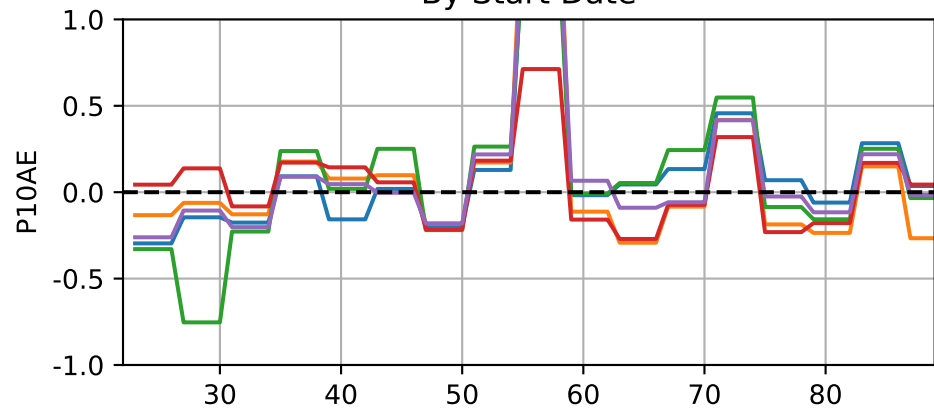
P10AE StH



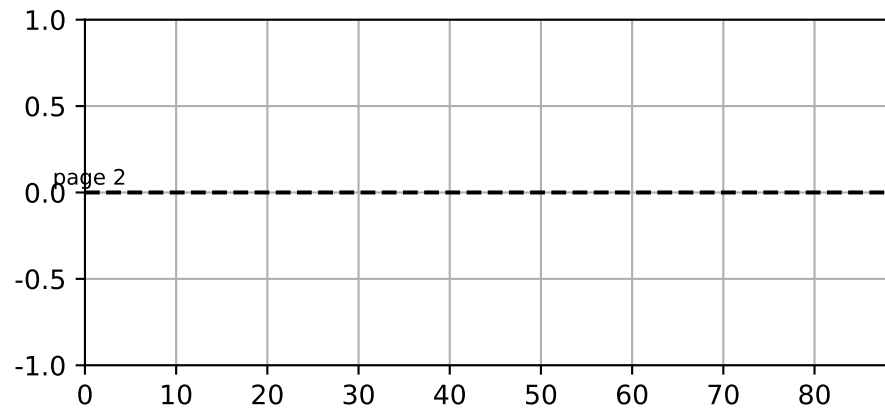
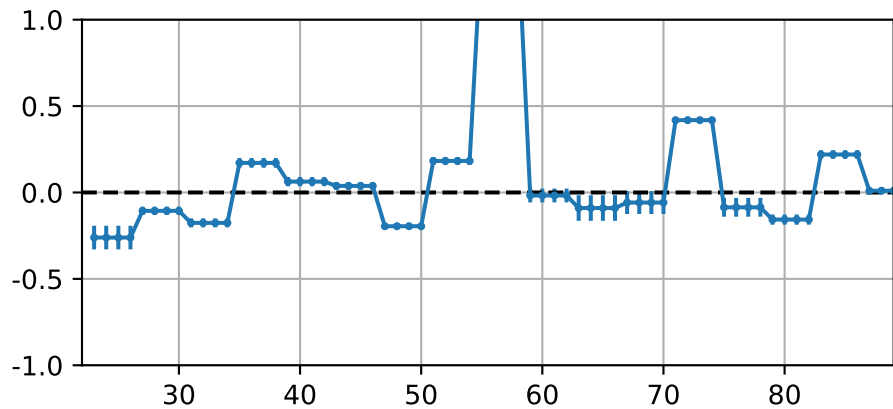
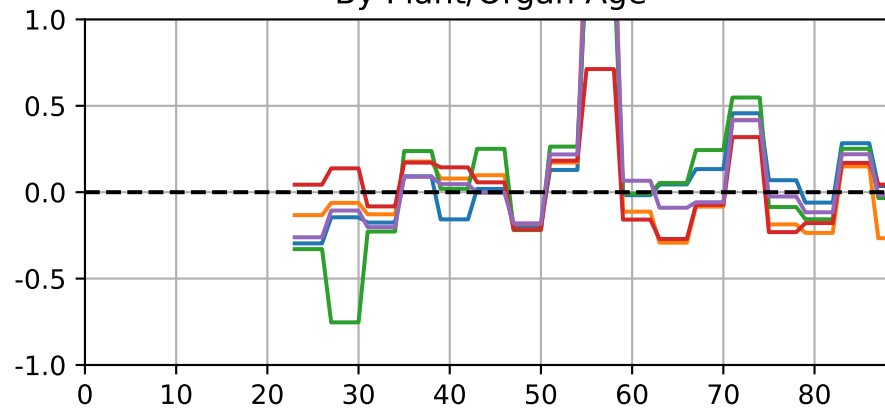
page 1

Object Number

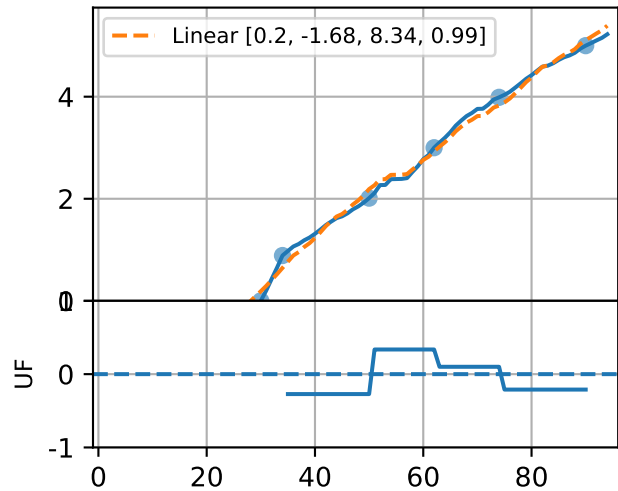
By Start Date



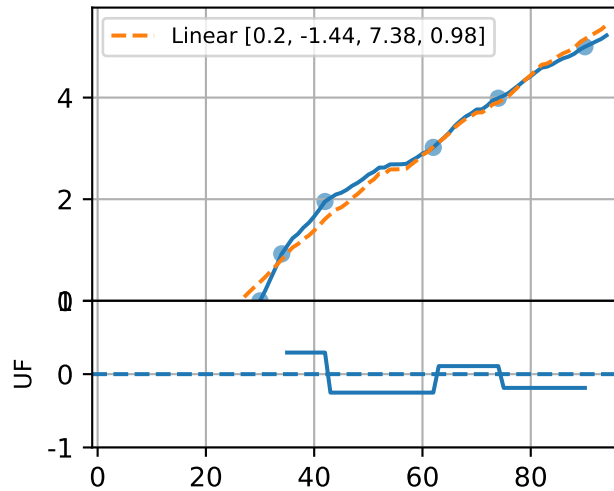
By Plant/Organ Age



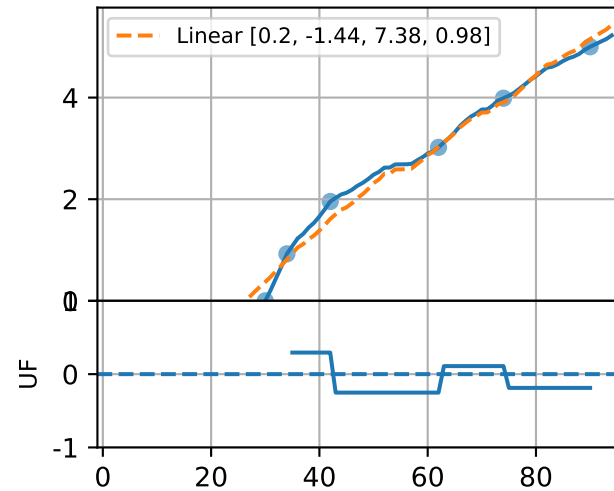
P10AE-081-12



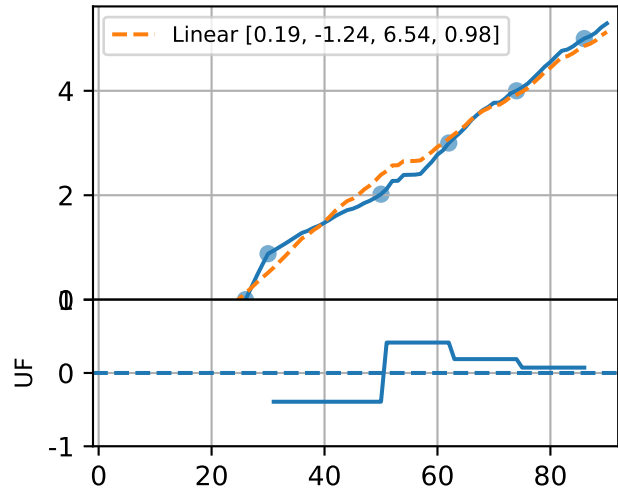
P10AE-087-27



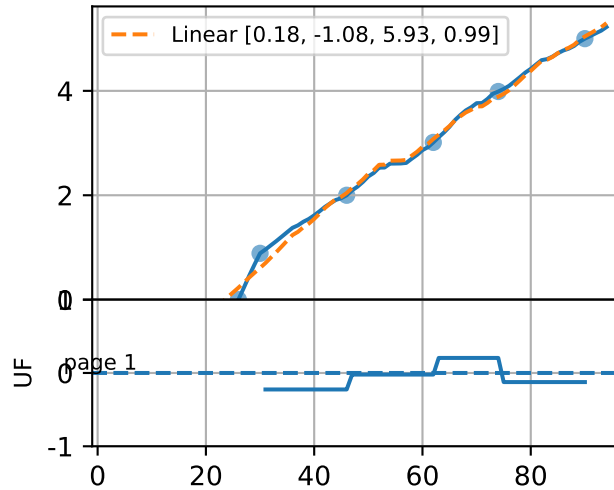
P10AE-095-20



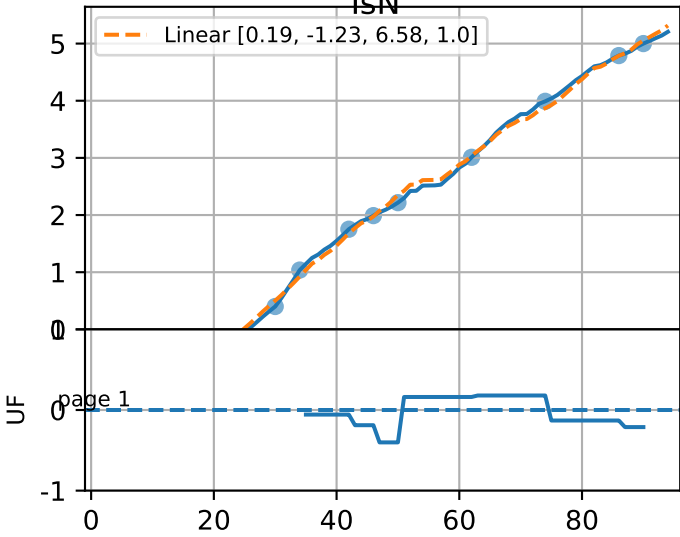
P10AE-103-32



P10AE-114-7



PIQA Avg
ISN

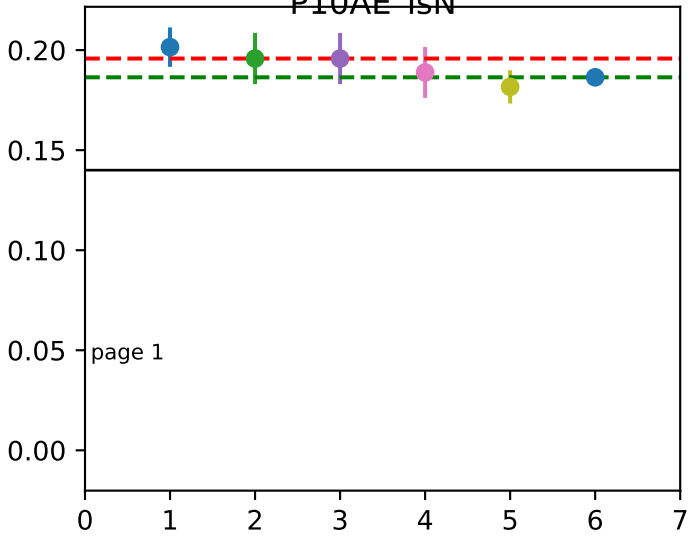


UF

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avg1=0.2~4% avg2=0.19~5%

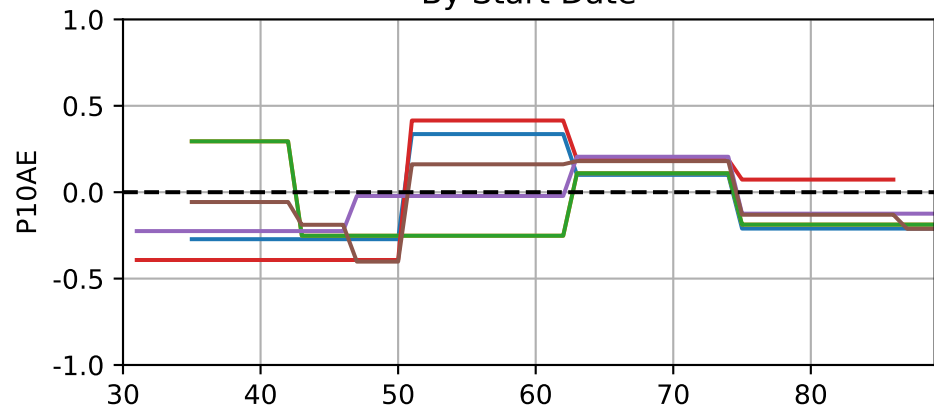
P10AE TSN



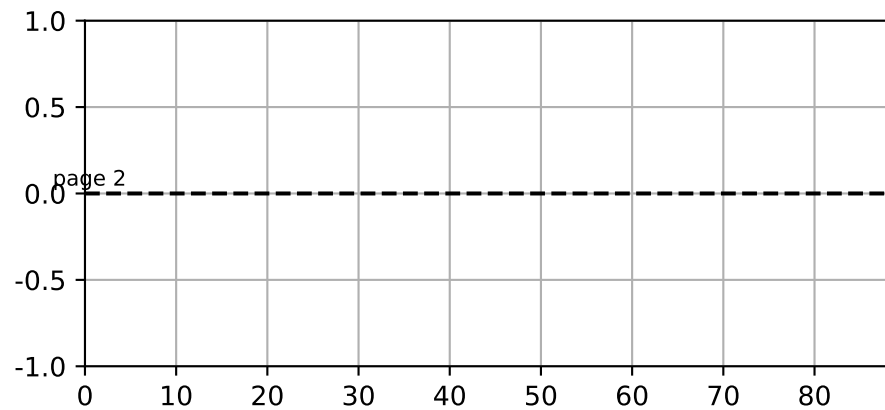
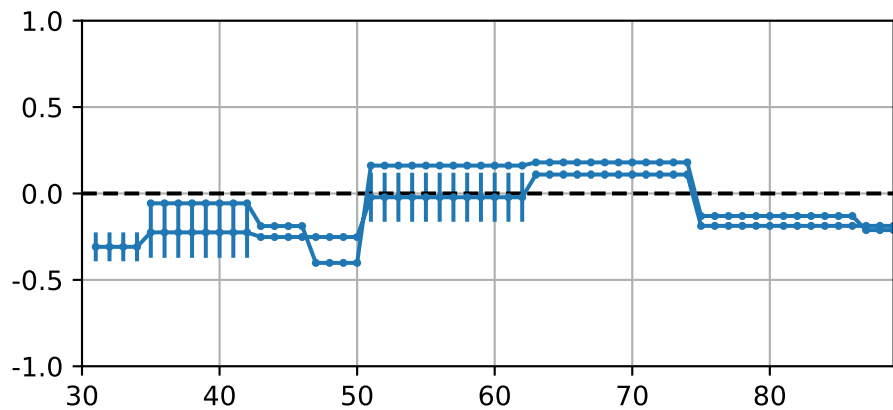
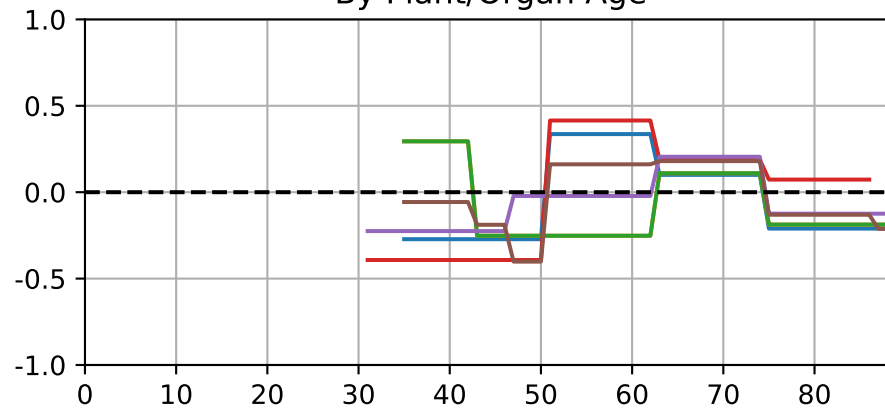
page 1

Object Number

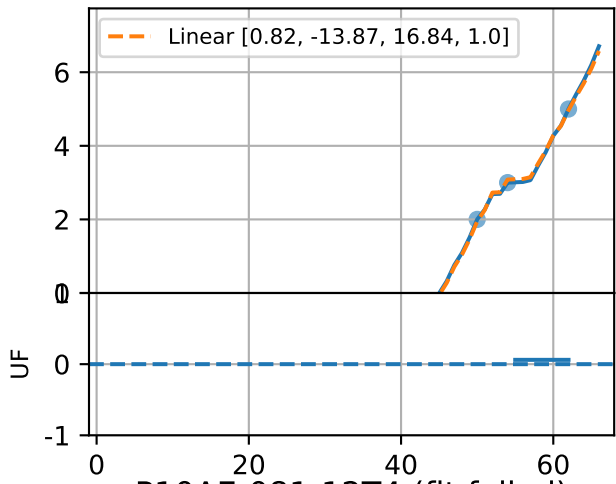
By Start Date



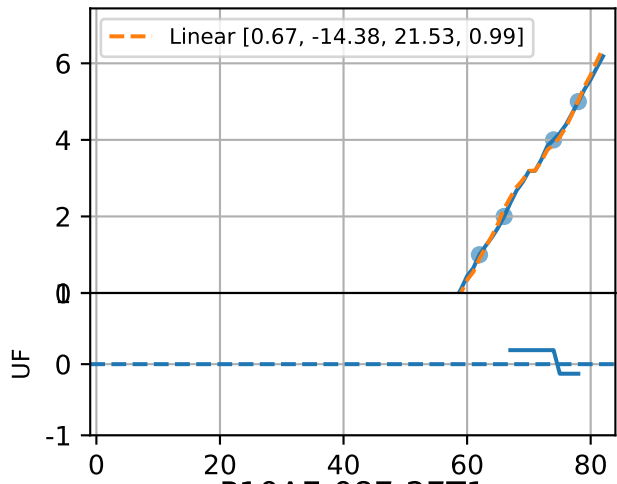
By Plant/Organ Age



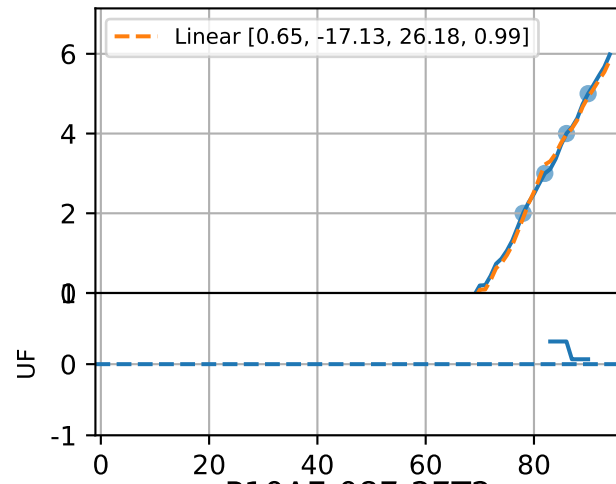
P10AE-081-12T1



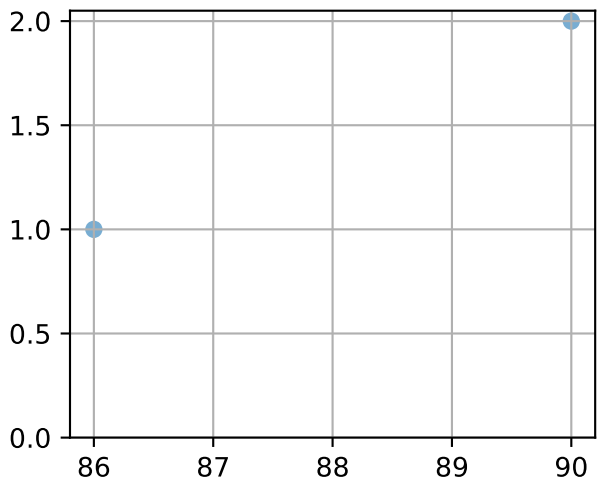
P10AE-081-12T2



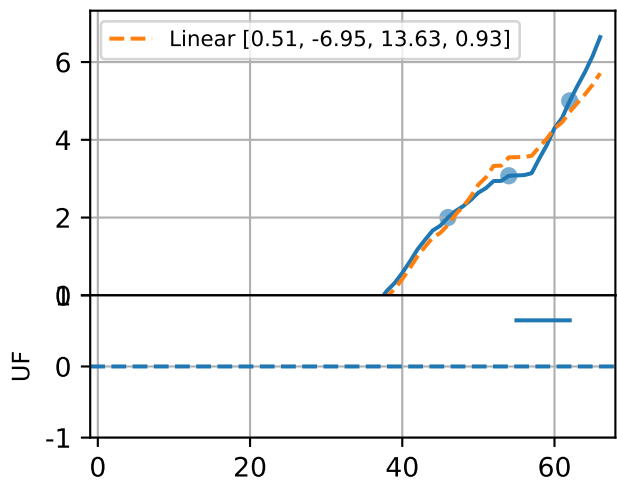
P10AE-081-12T3



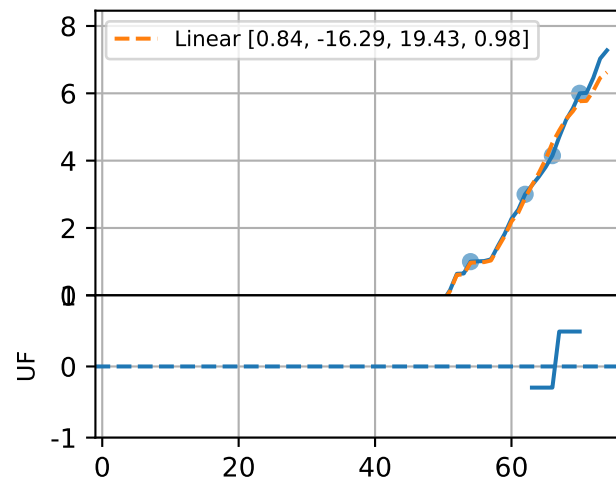
P10AE-081-12T4 (fit failed)



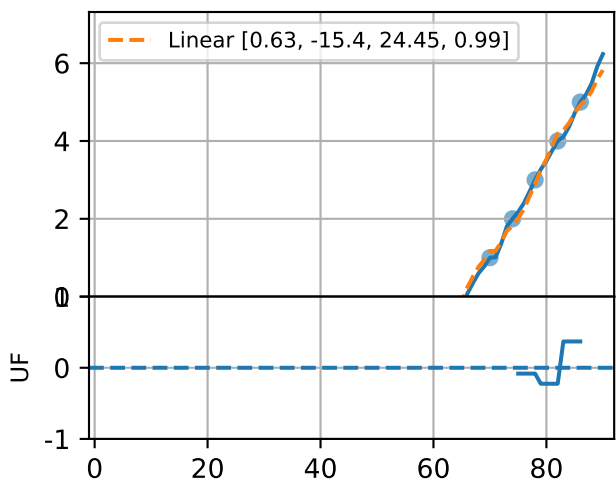
P10AE-087-27T1



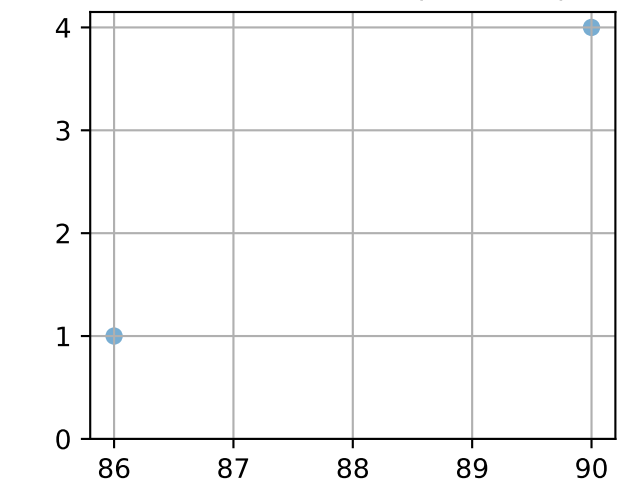
P10AE-087-27T2



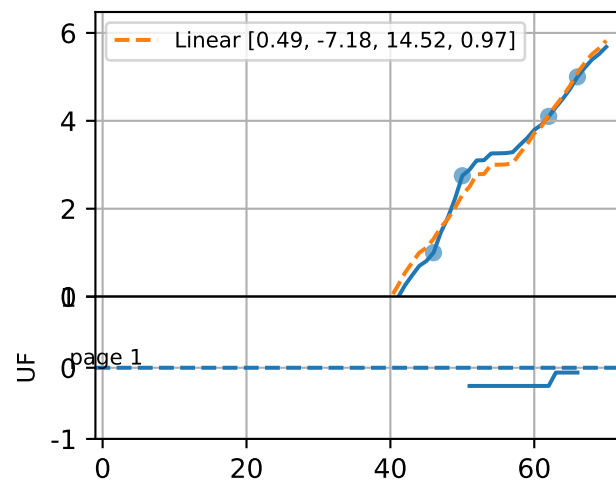
P10AE-087-27T3

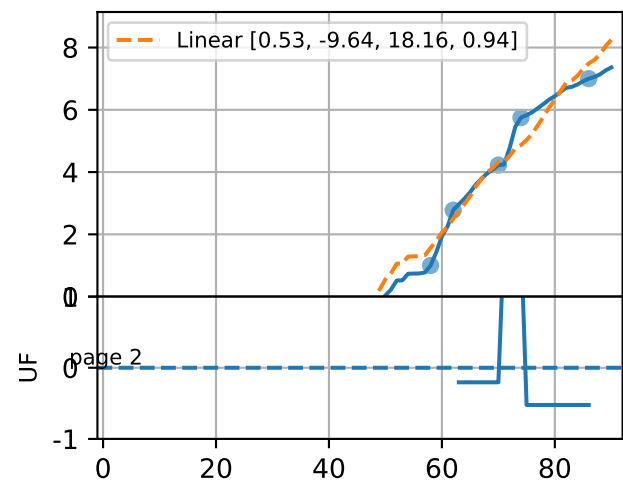
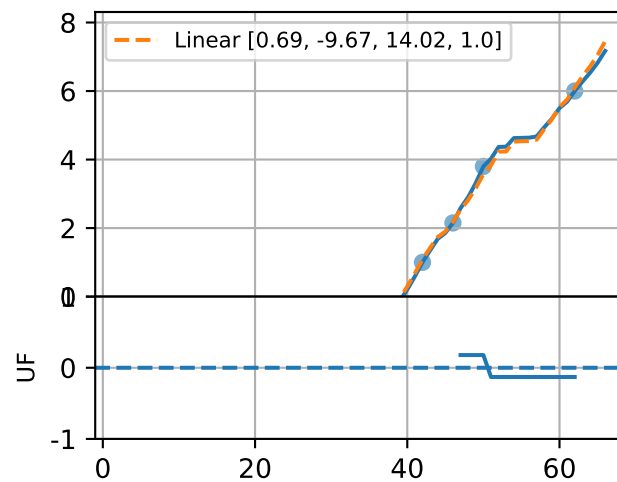
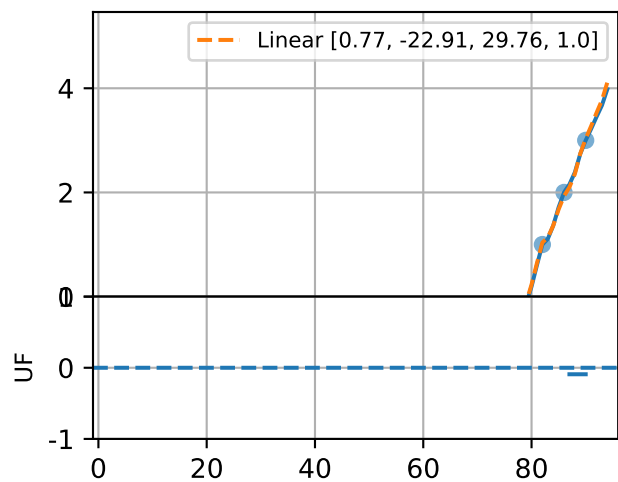
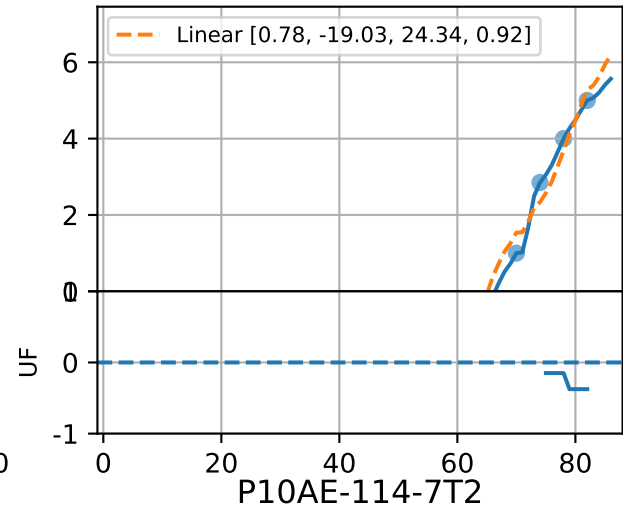
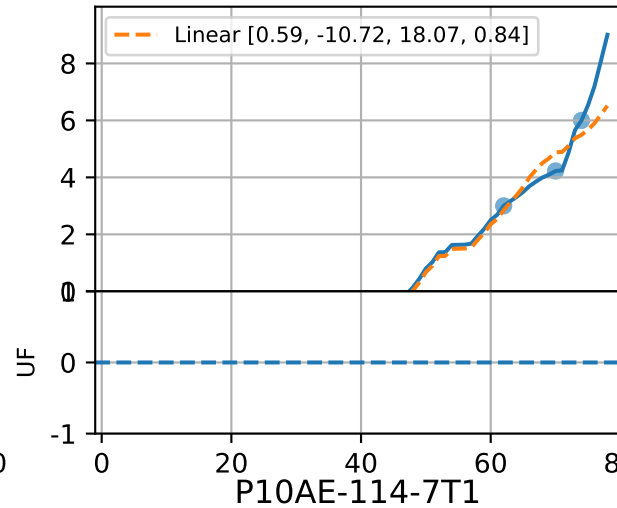
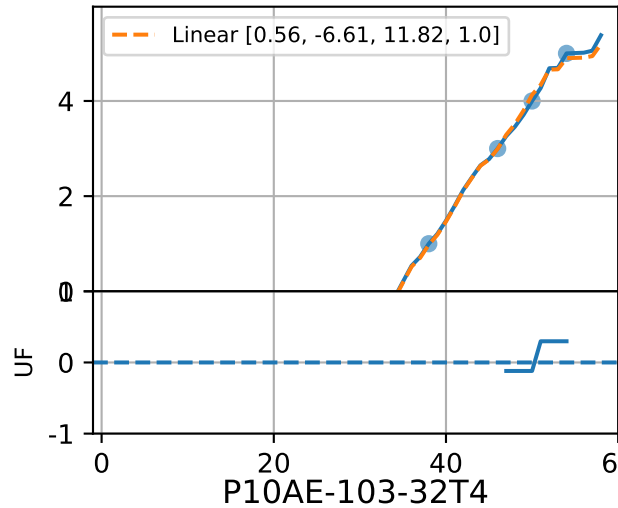
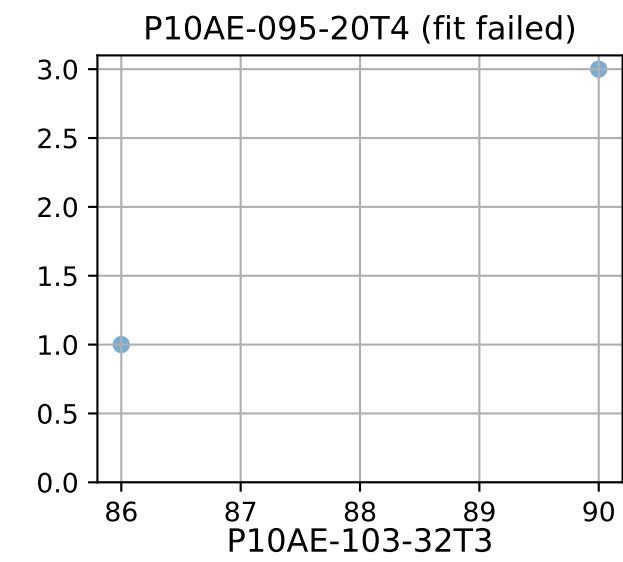
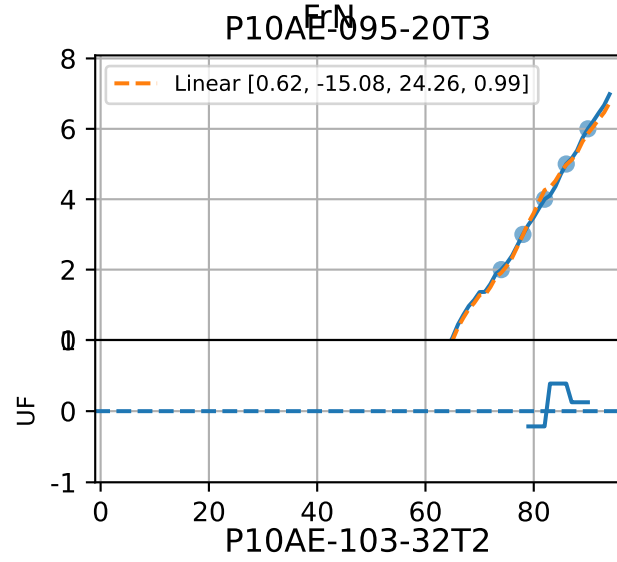
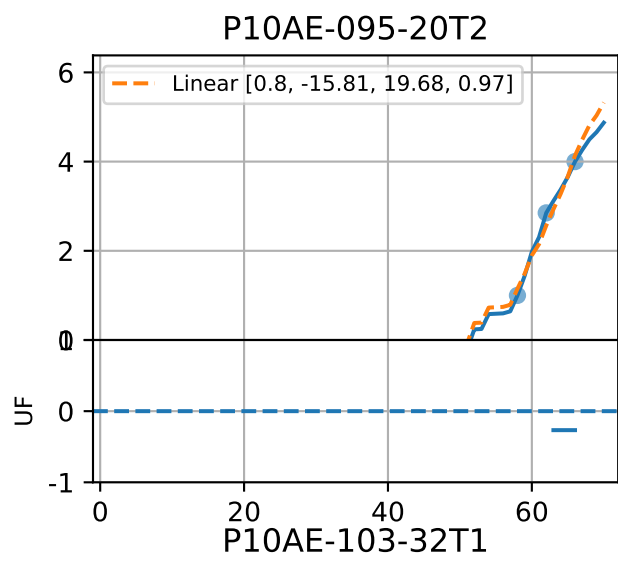


P10AE-087-27T4 (fit failed)

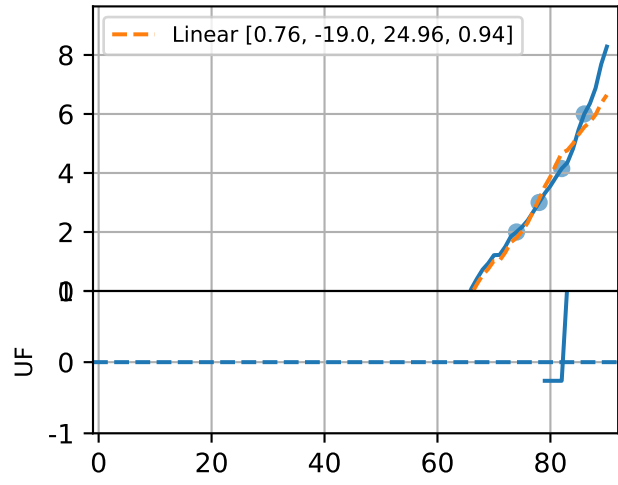


P10AE-095-20T1

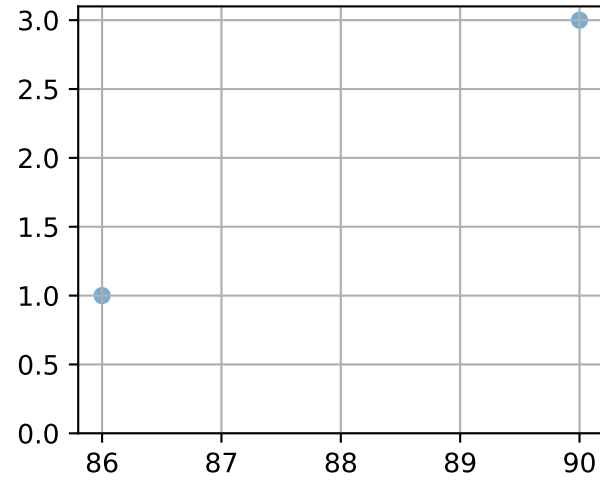


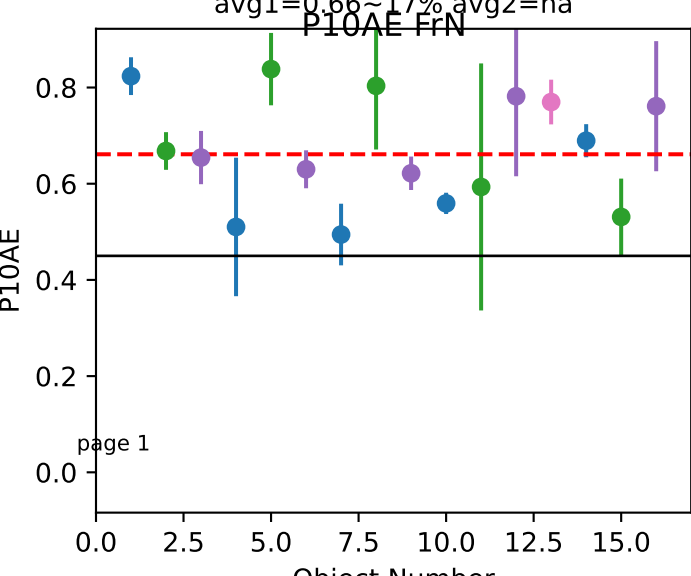


P10AE-114-7T3

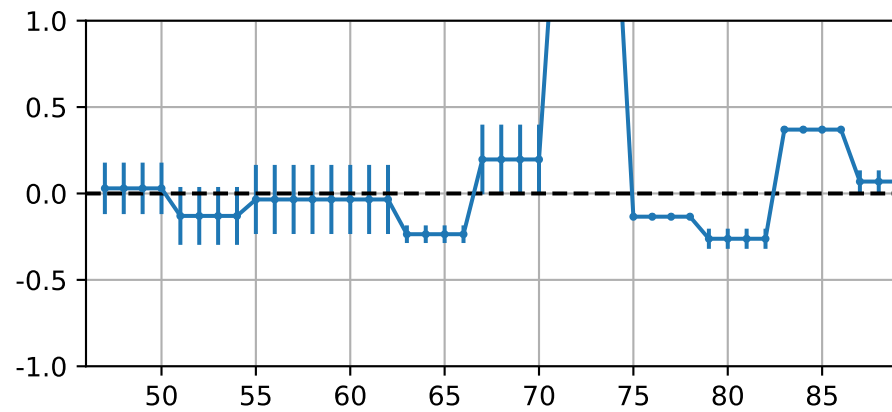
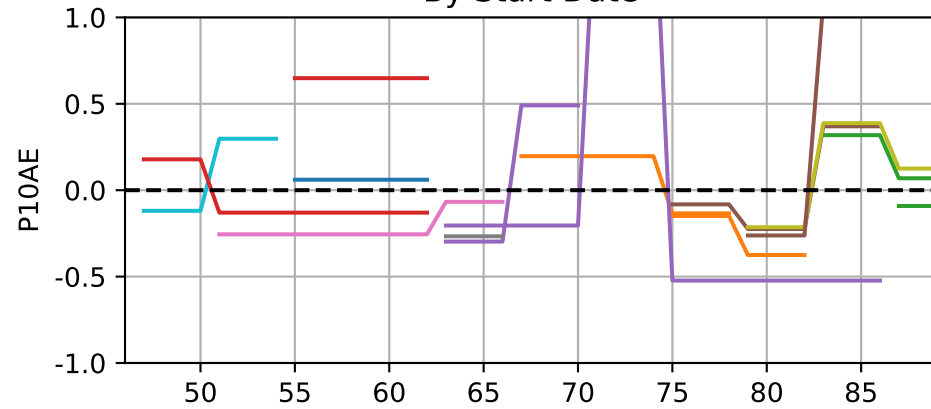


P10AE-114-7T4 (fit failed)

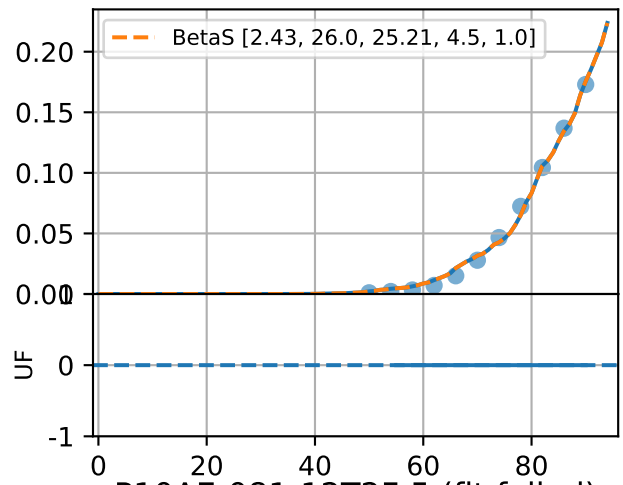




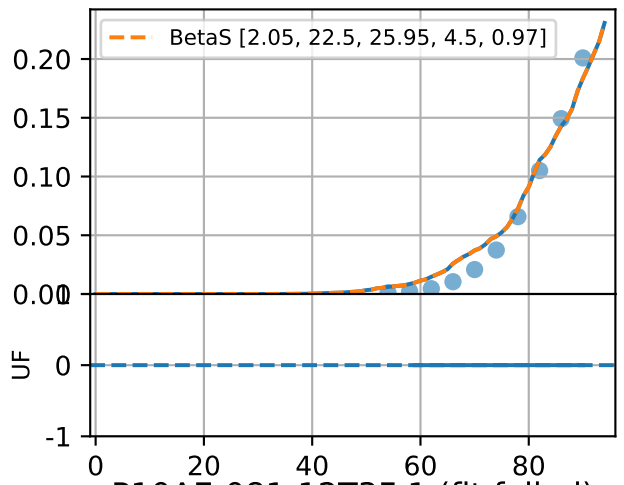
By Start Date



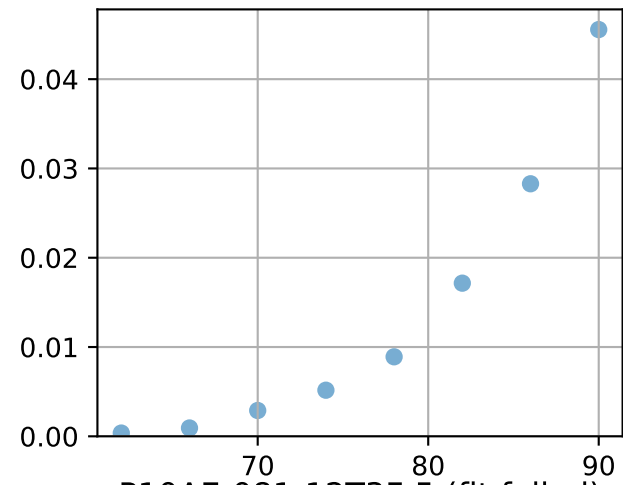
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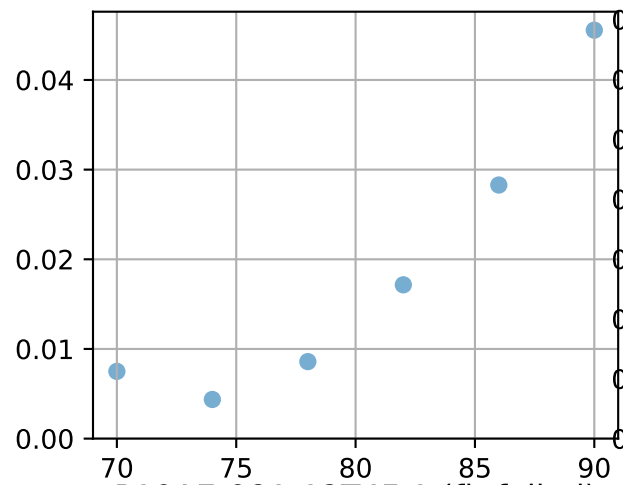
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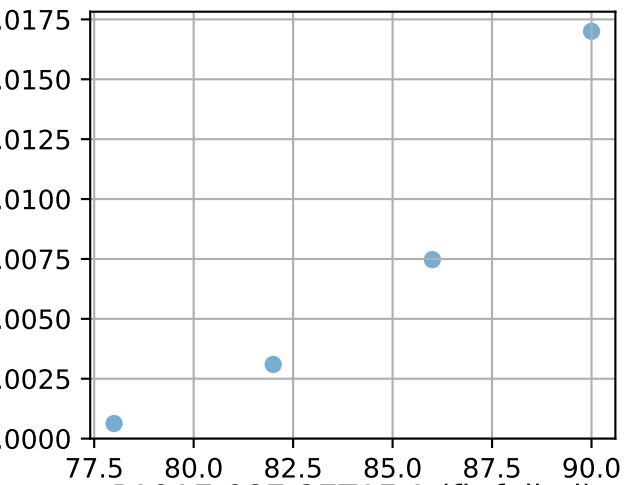
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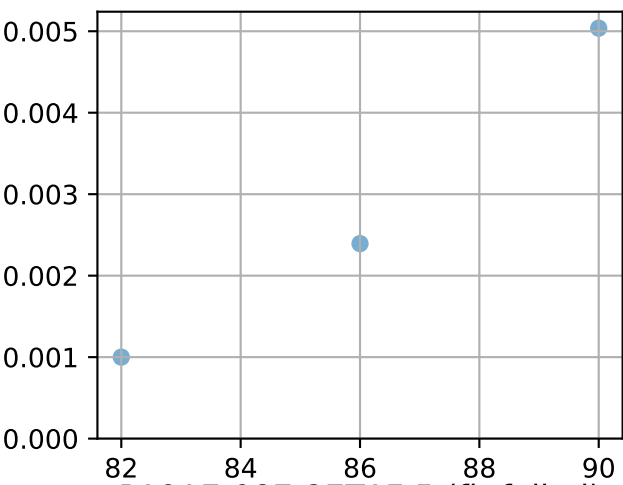
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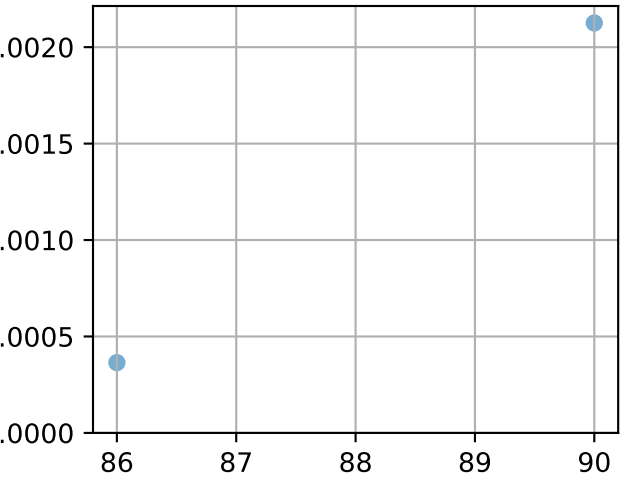
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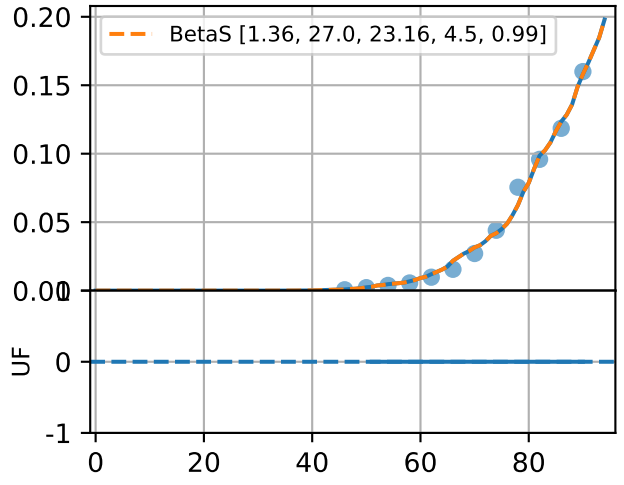
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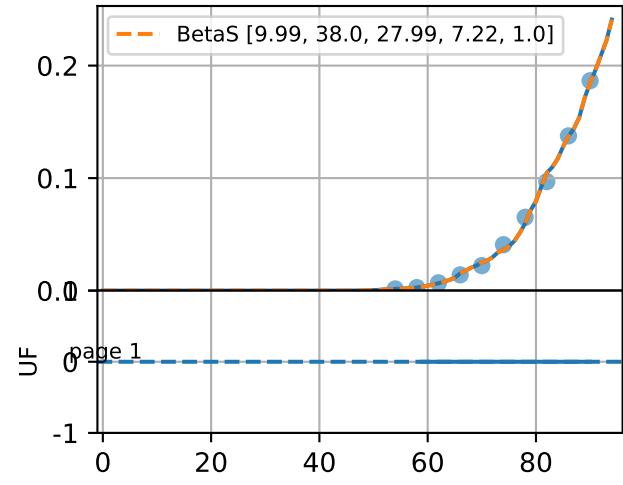
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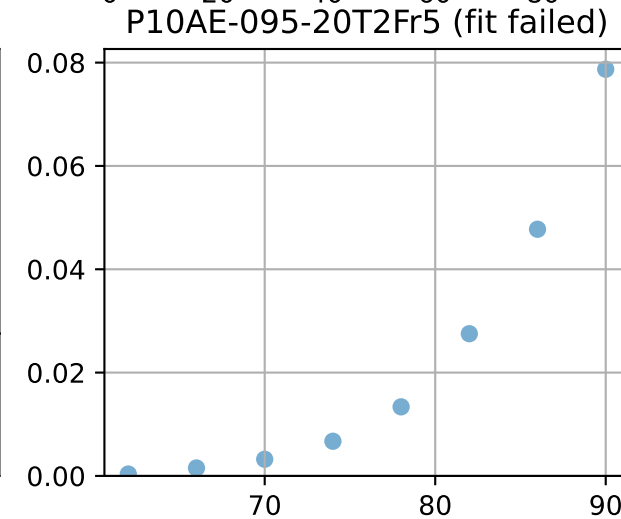
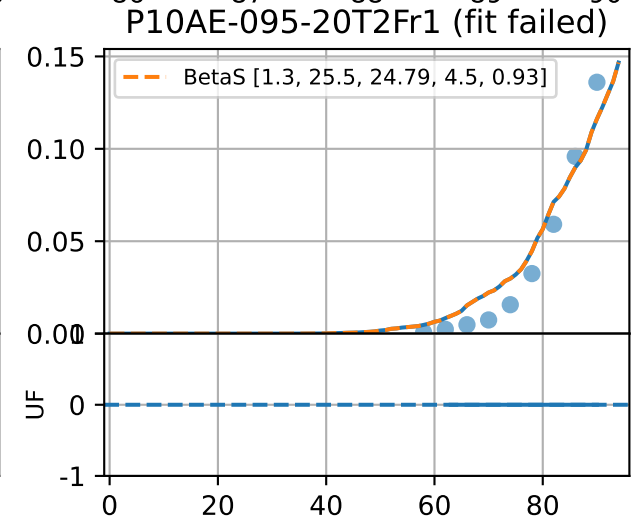
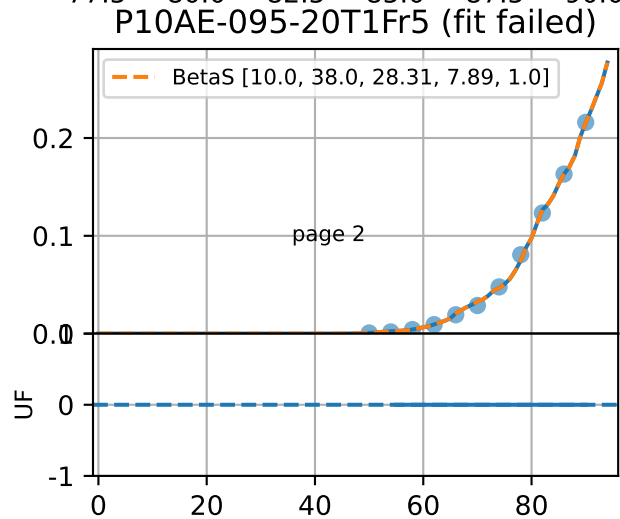
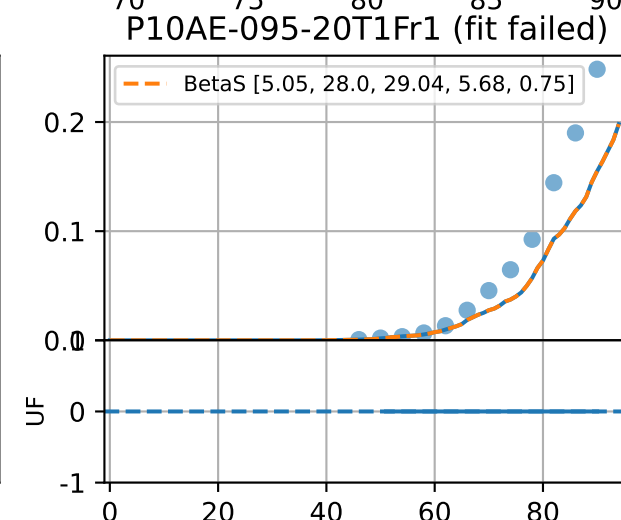
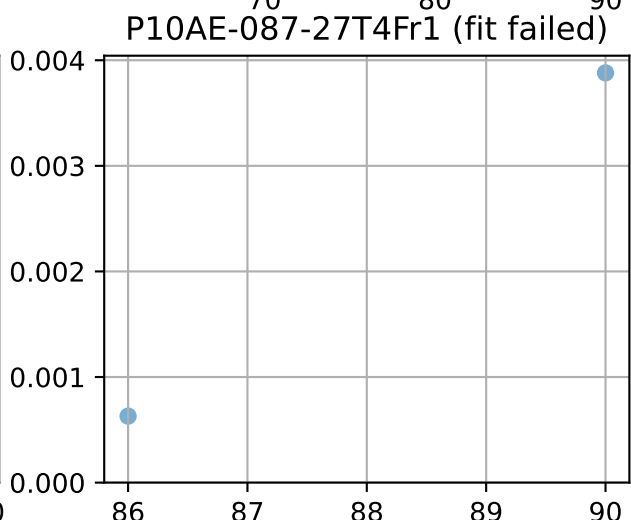
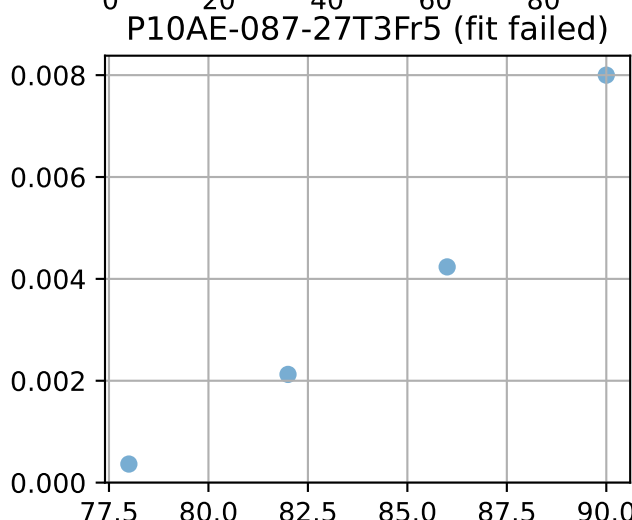
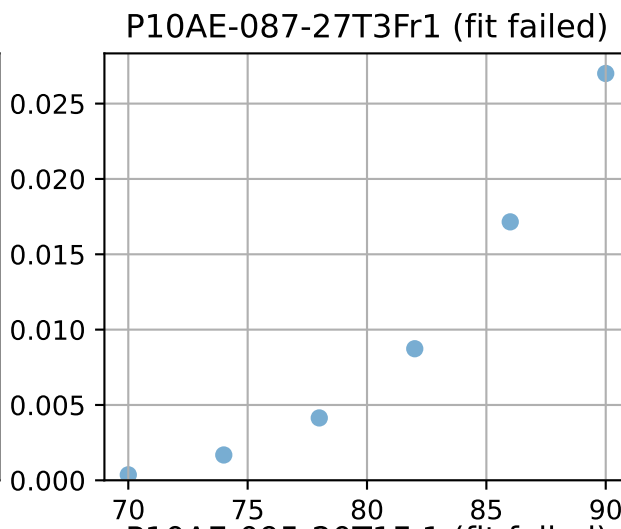
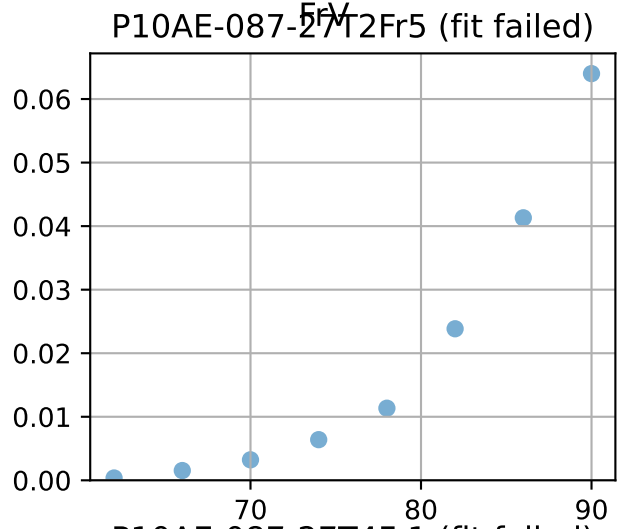
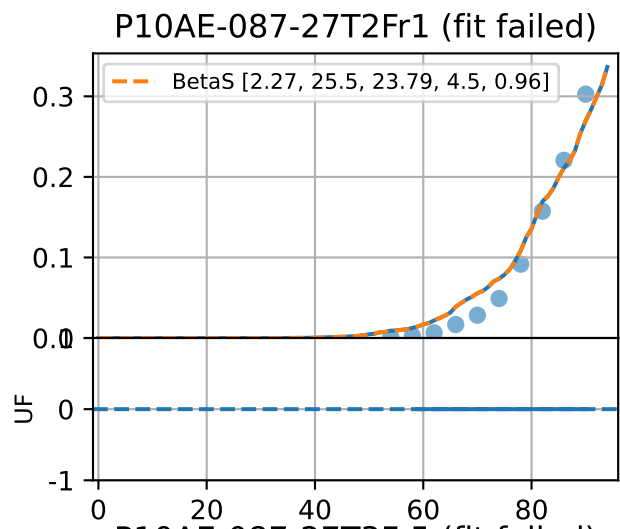


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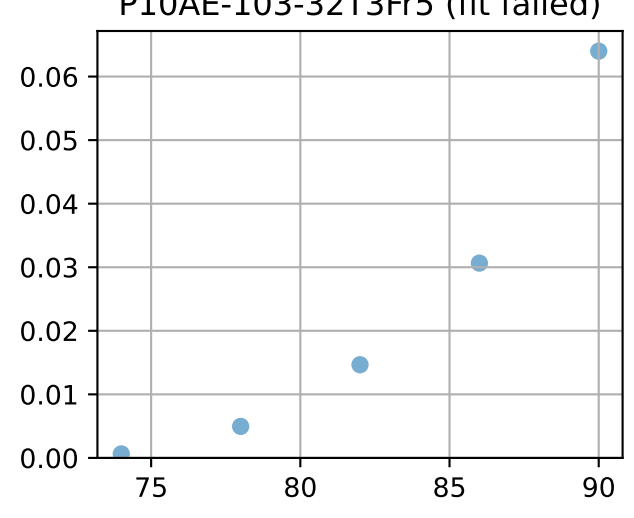
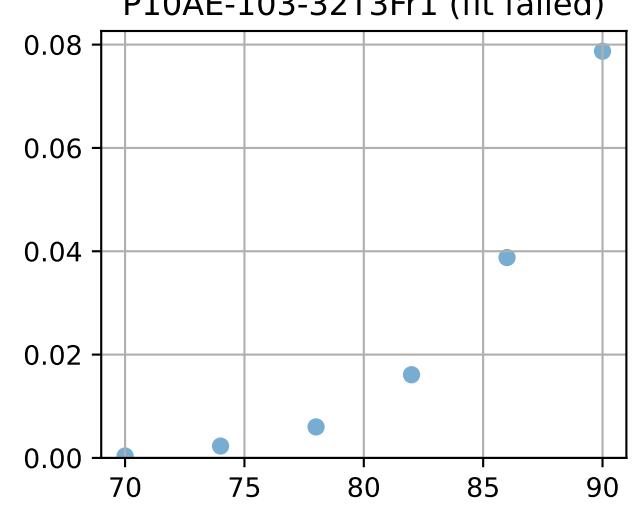
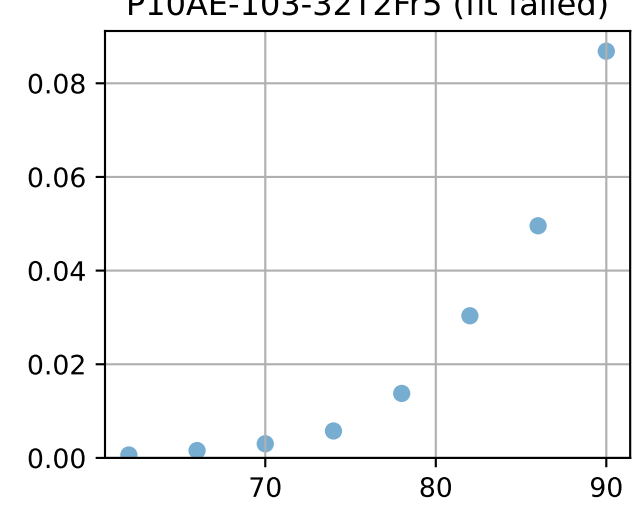
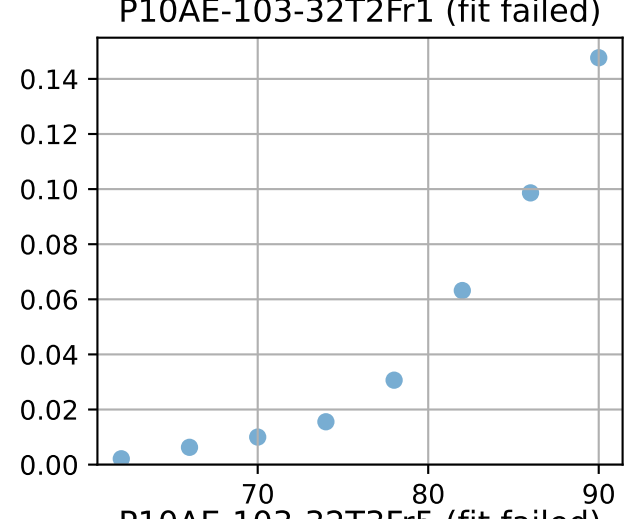
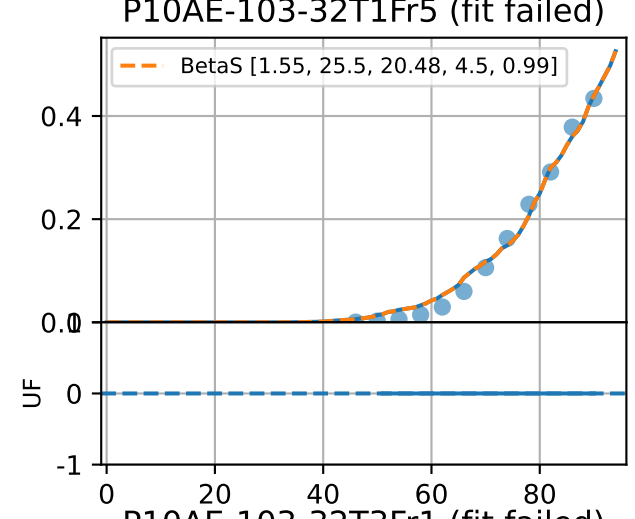
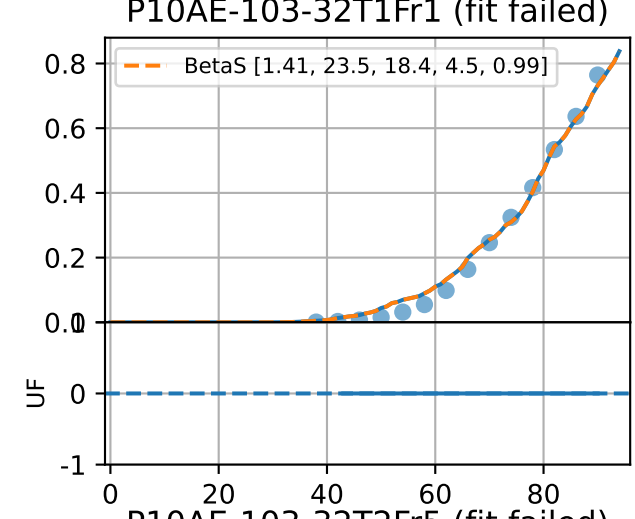
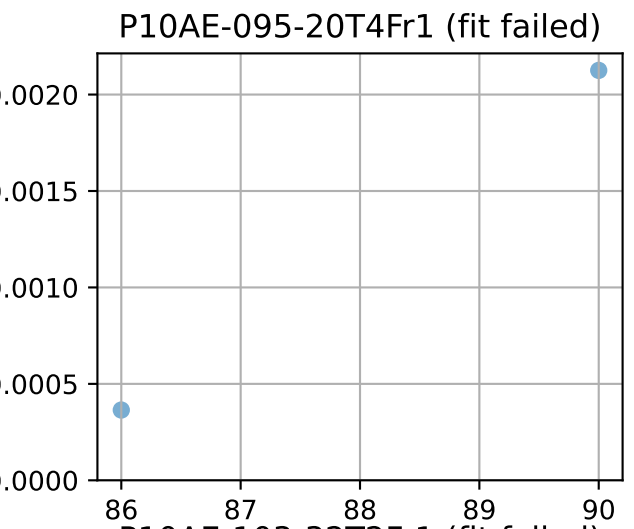
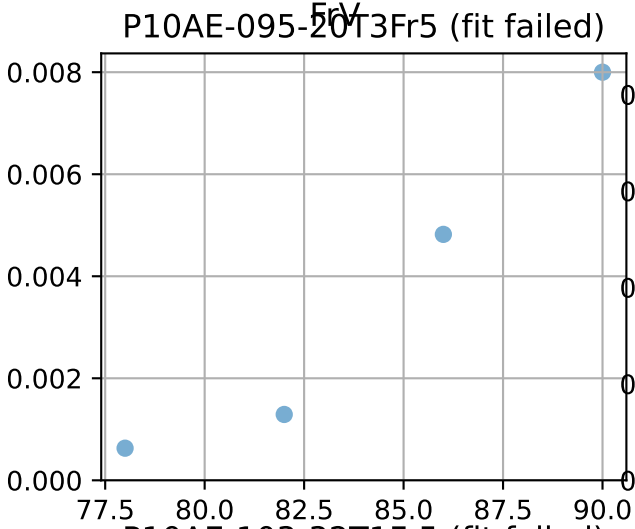
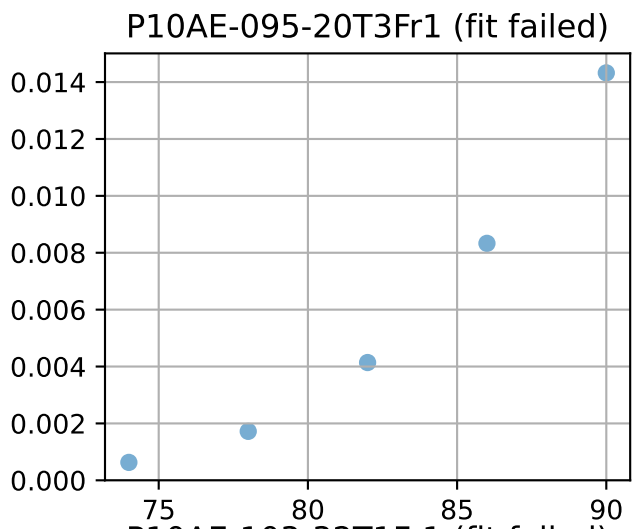


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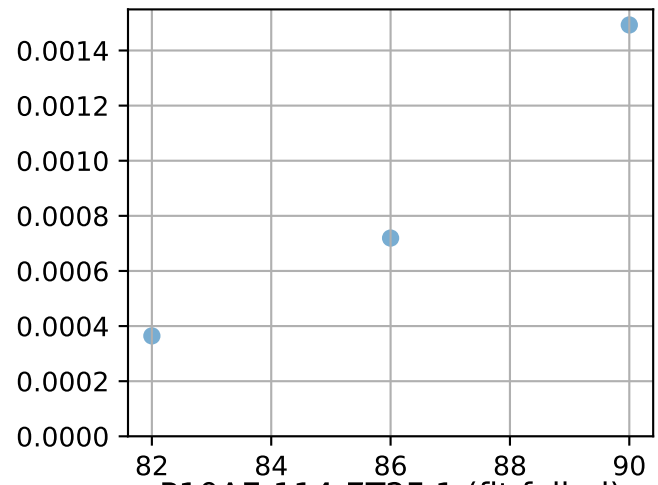




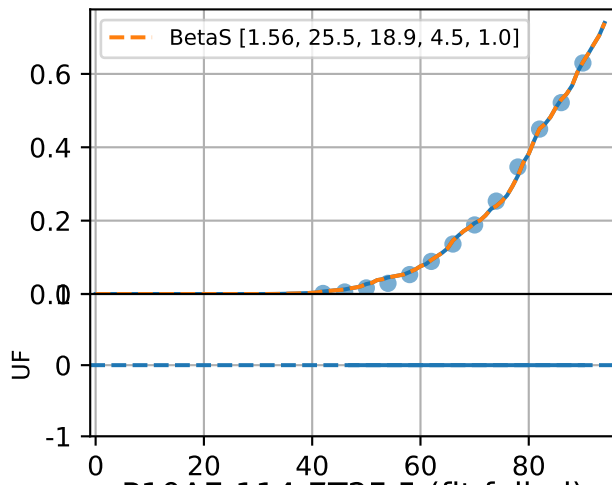
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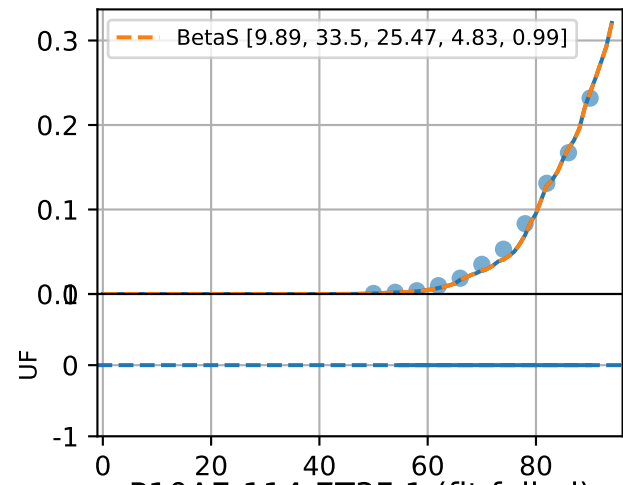
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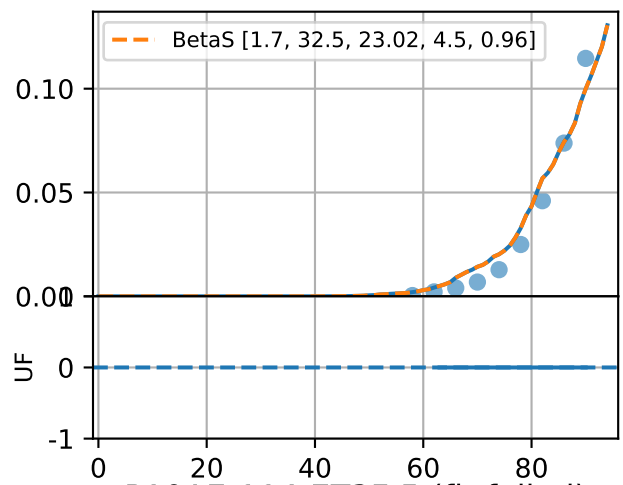
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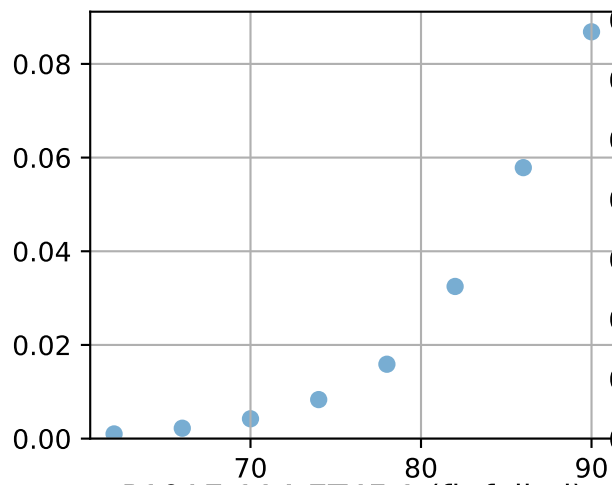
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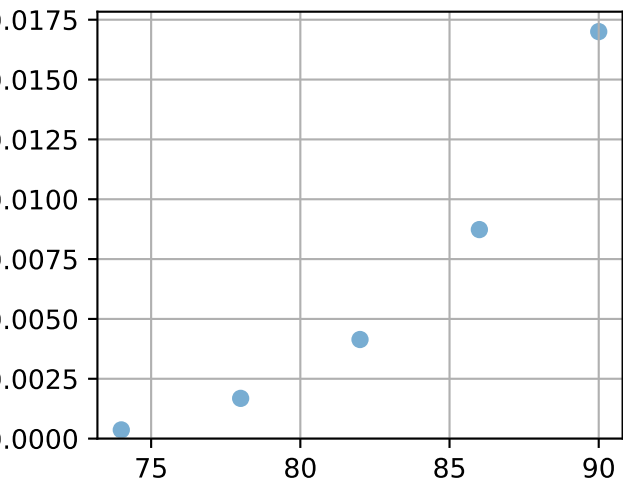
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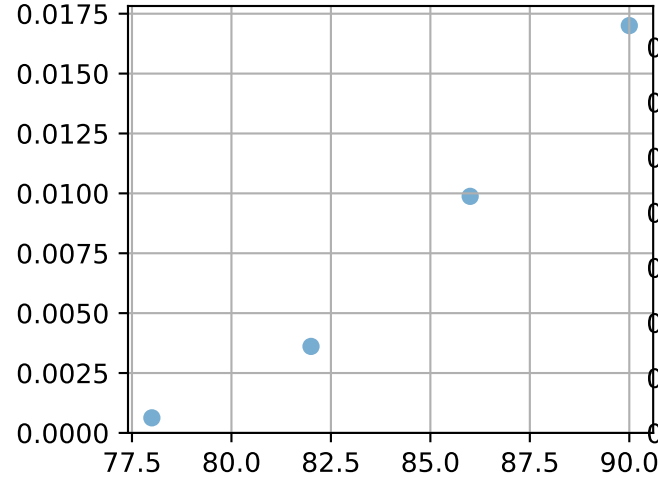
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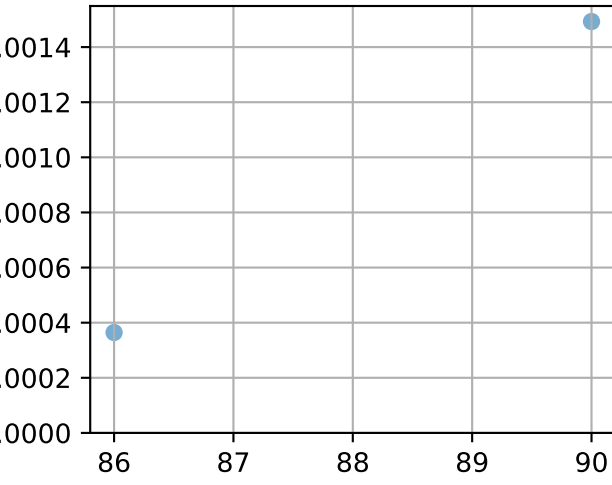
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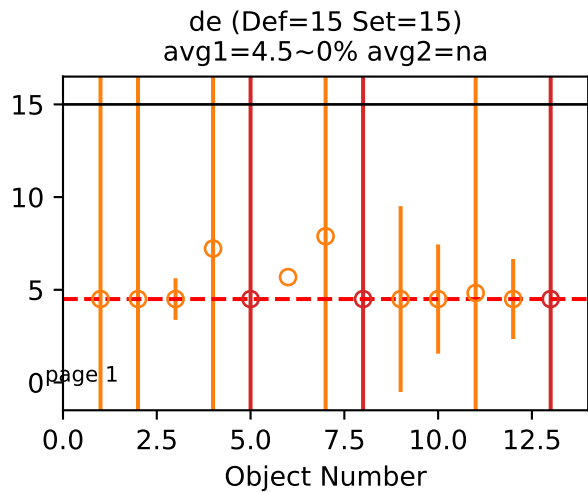
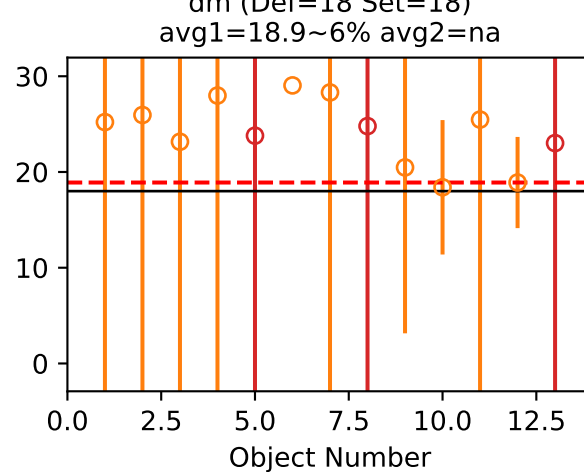
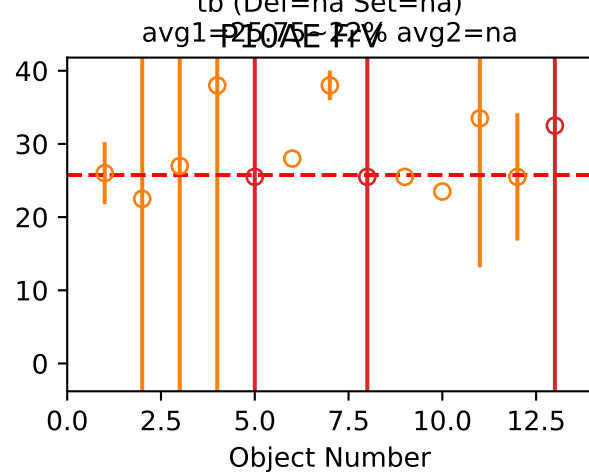
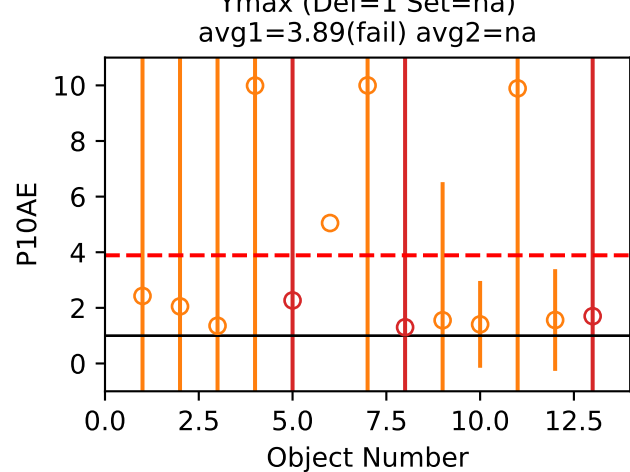


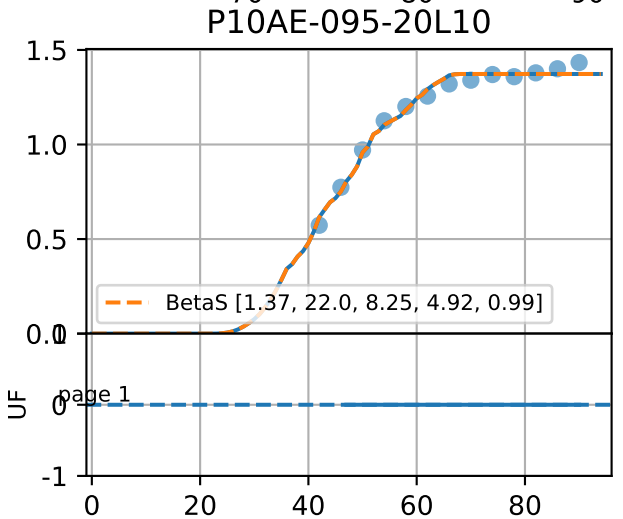
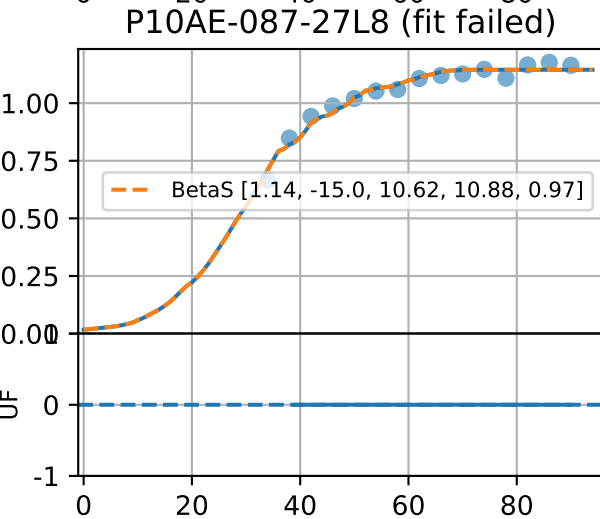
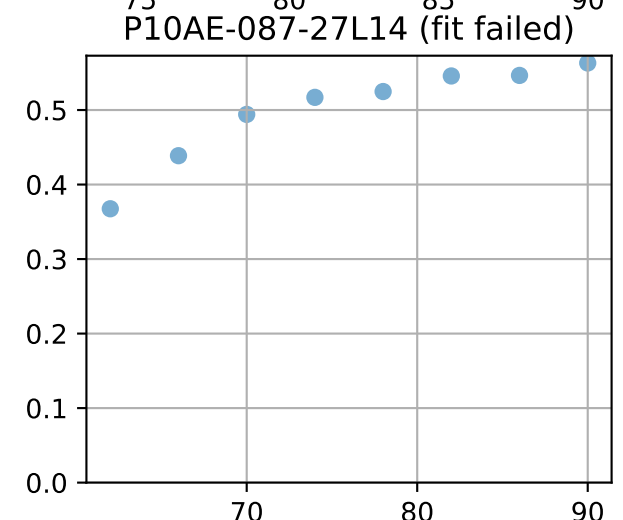
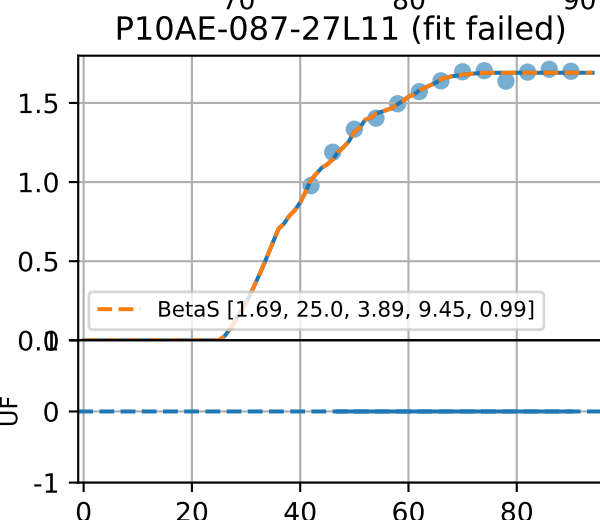
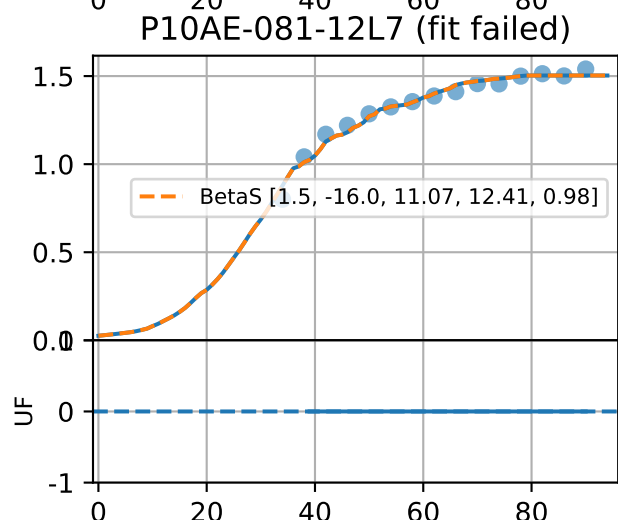
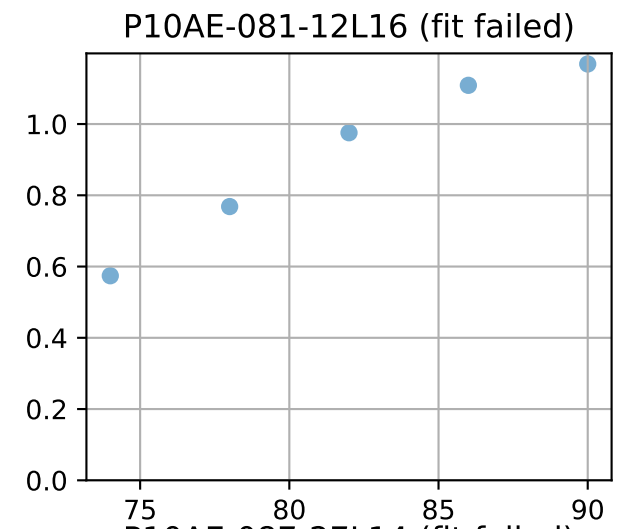
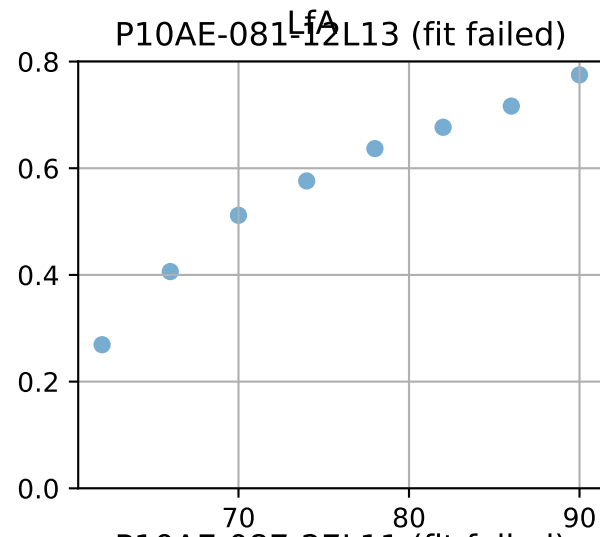
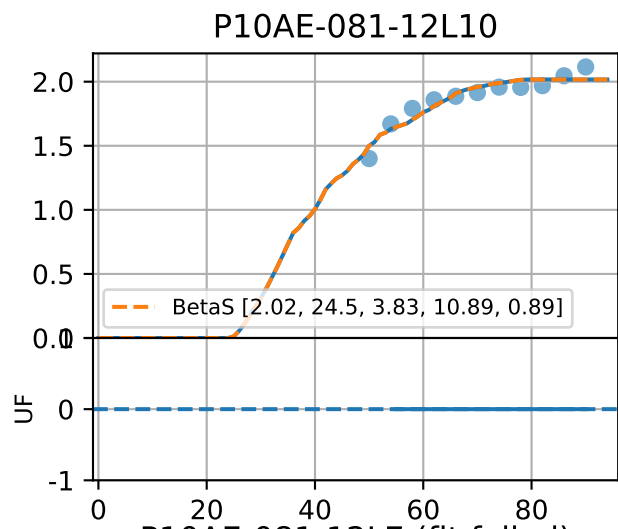
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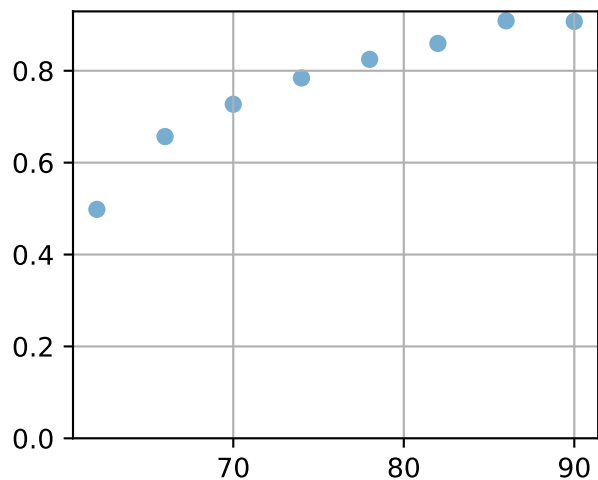
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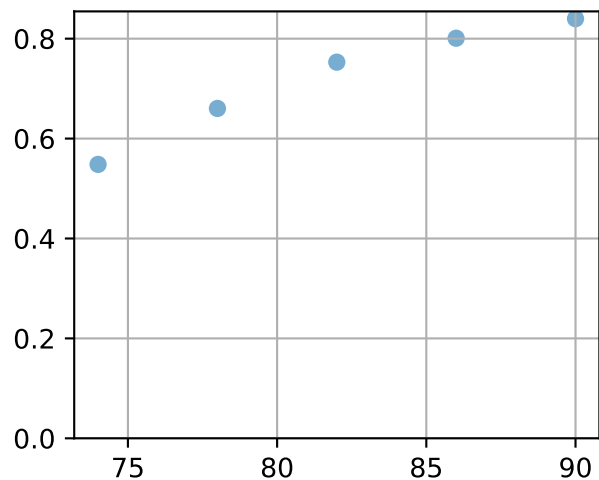




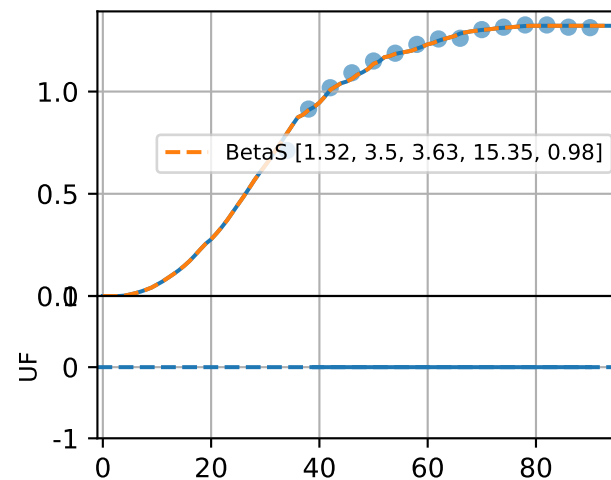
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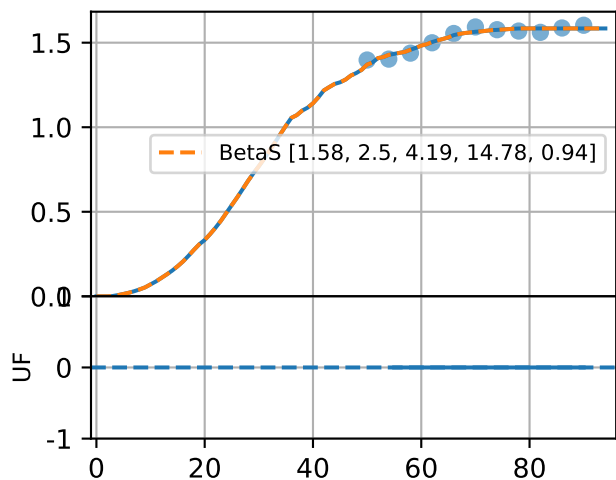
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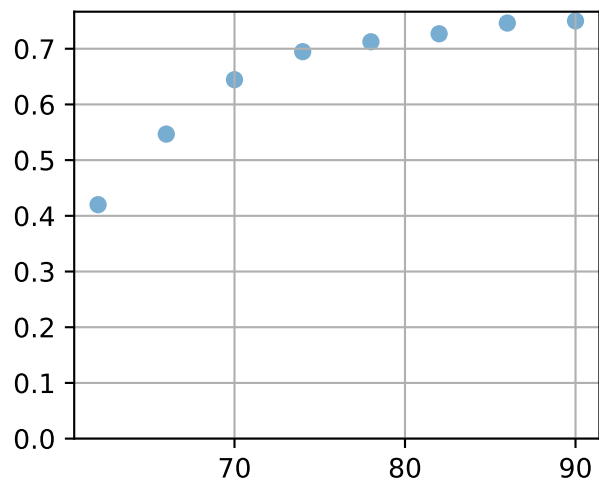
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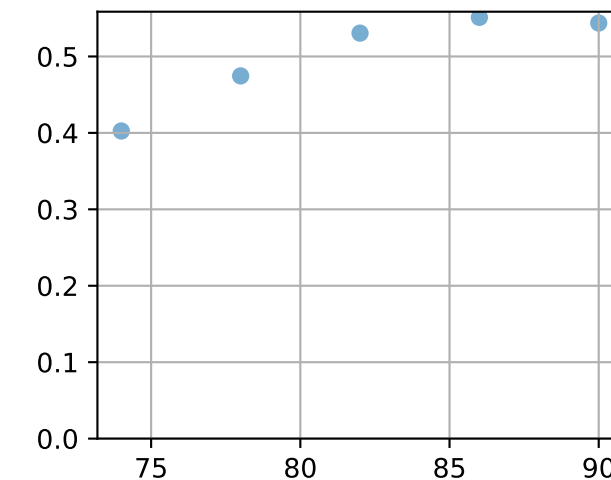
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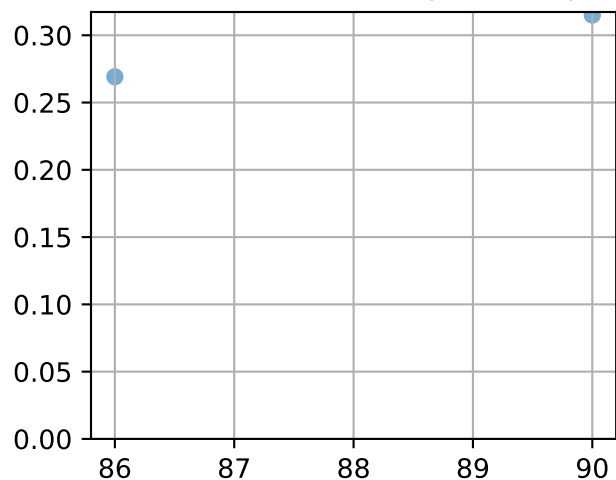
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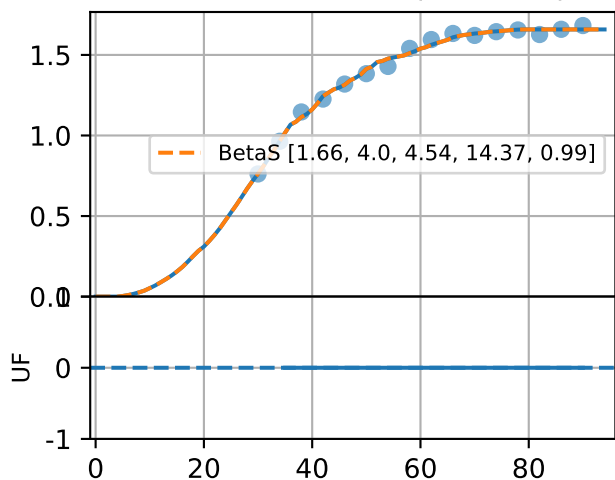
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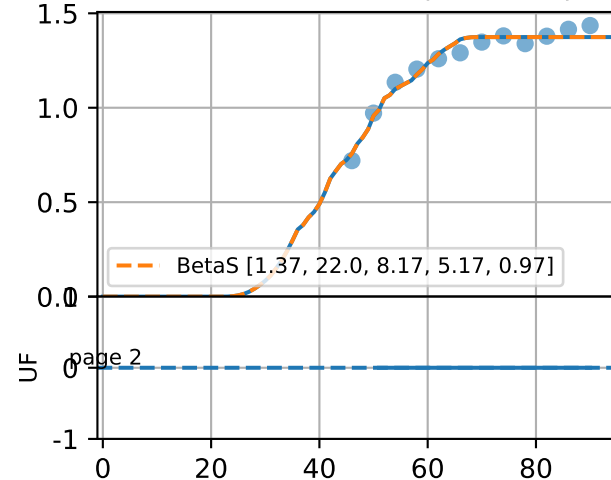
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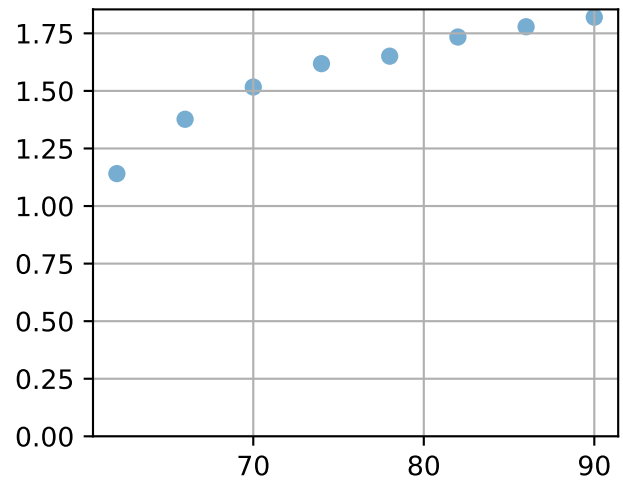
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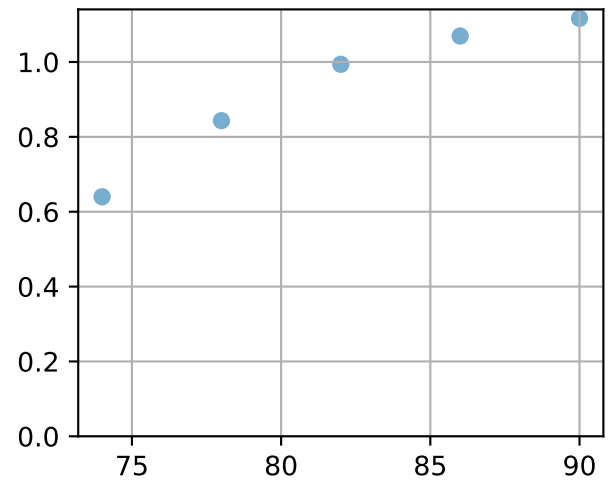
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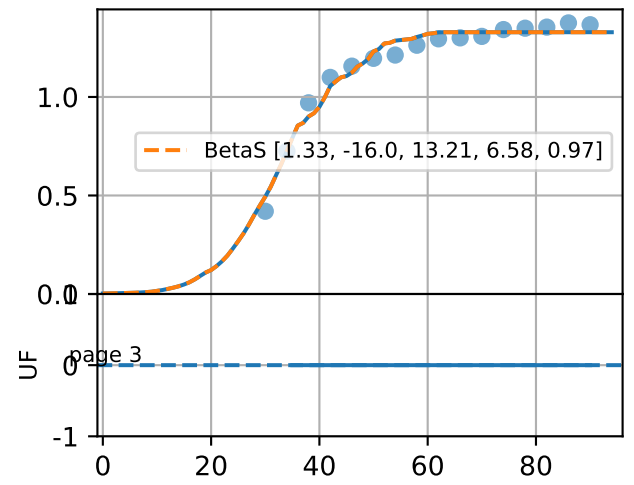
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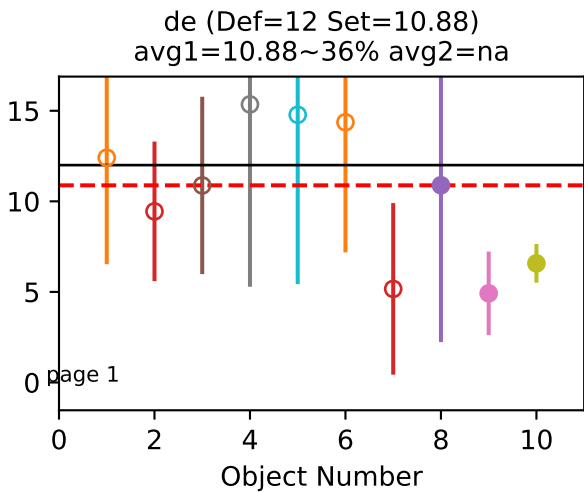
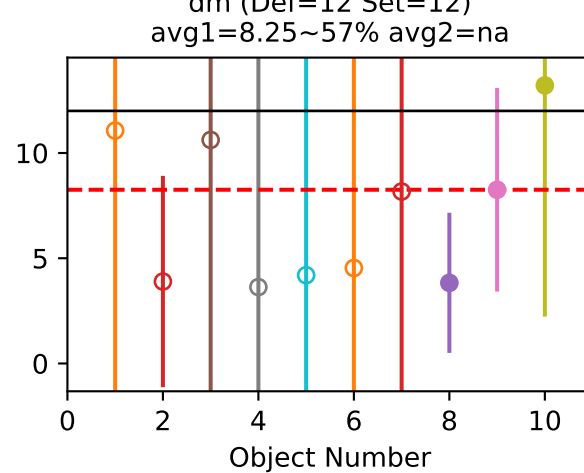
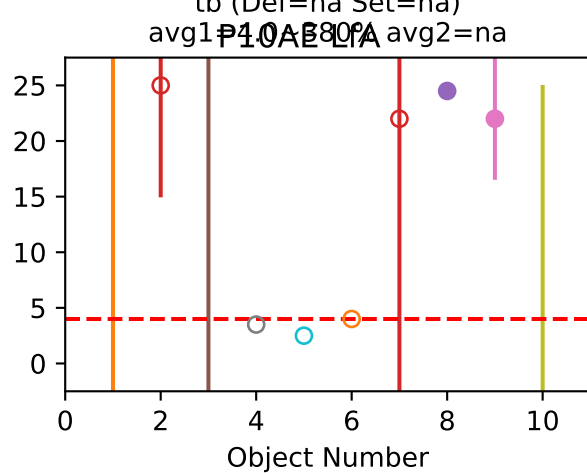
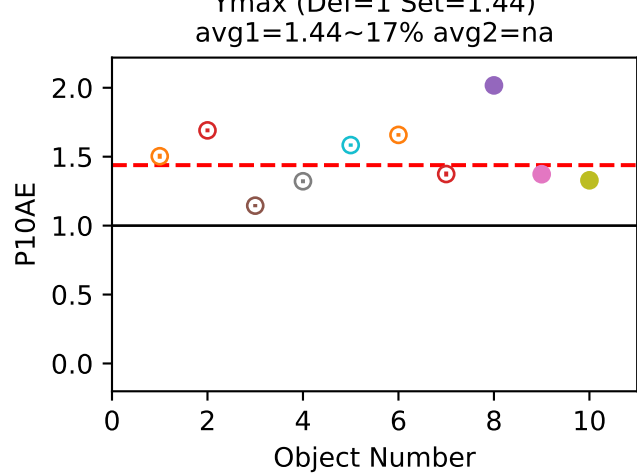
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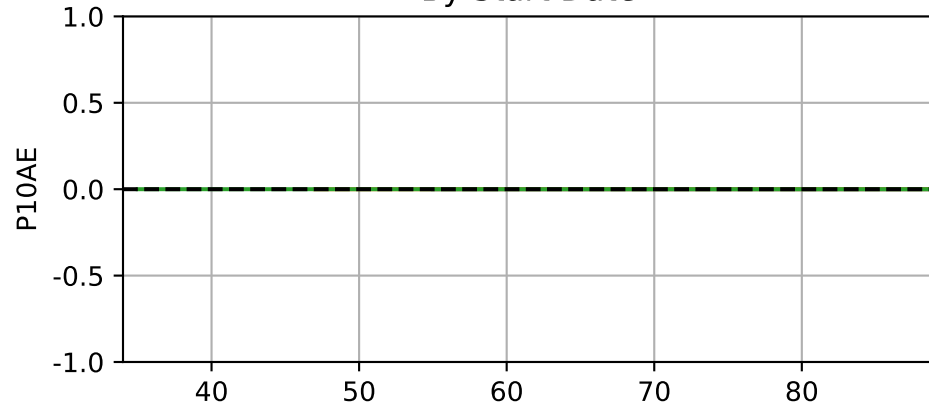
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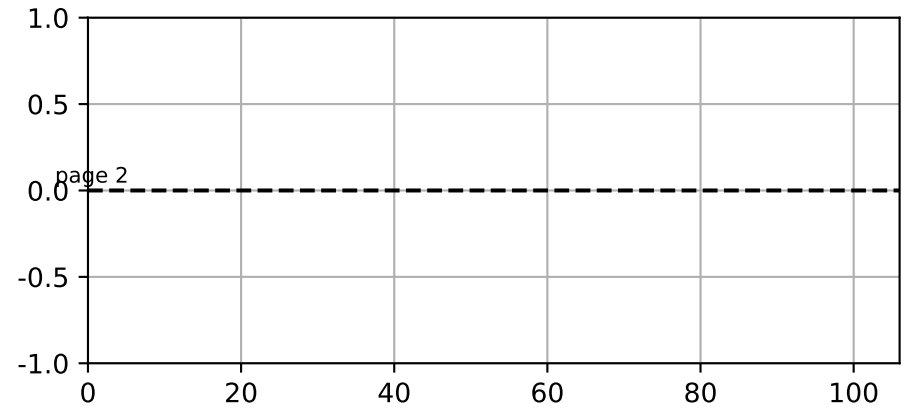
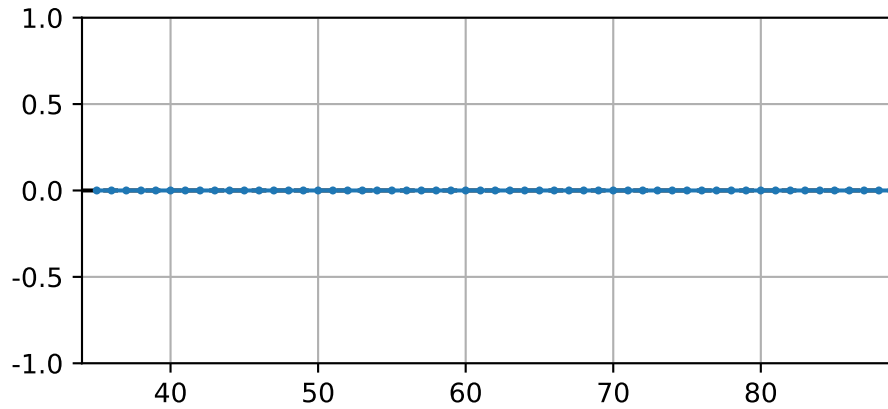
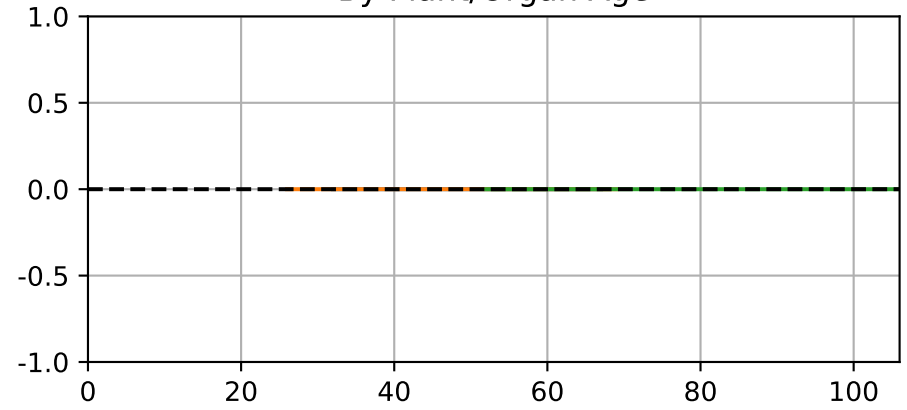
page 3

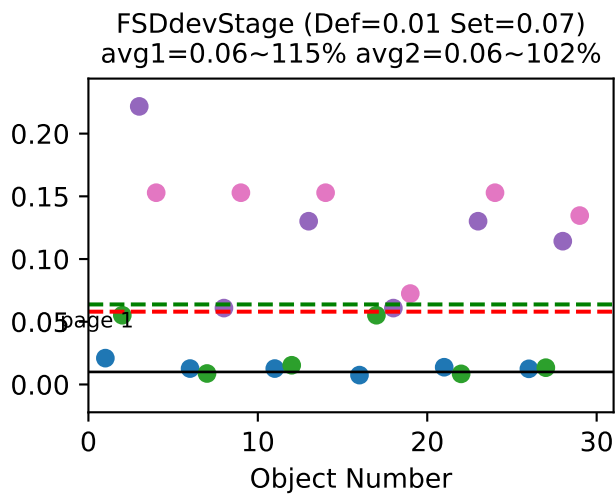
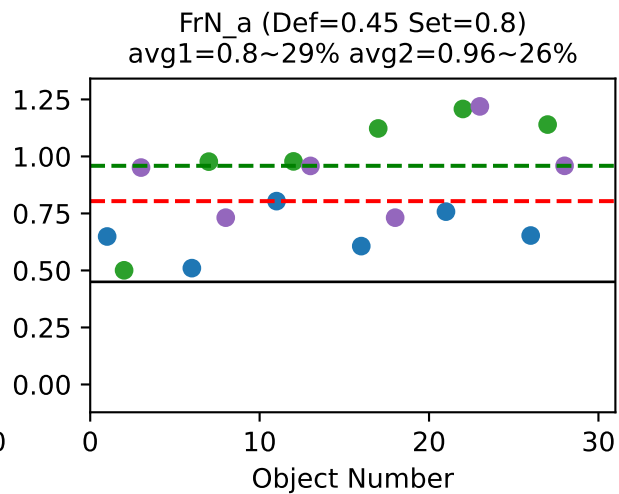
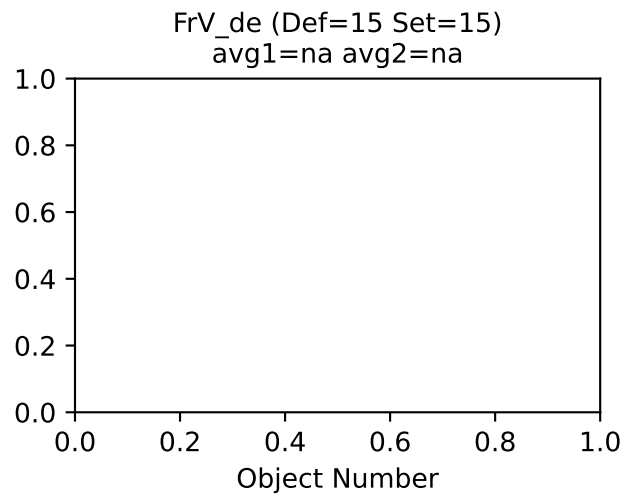
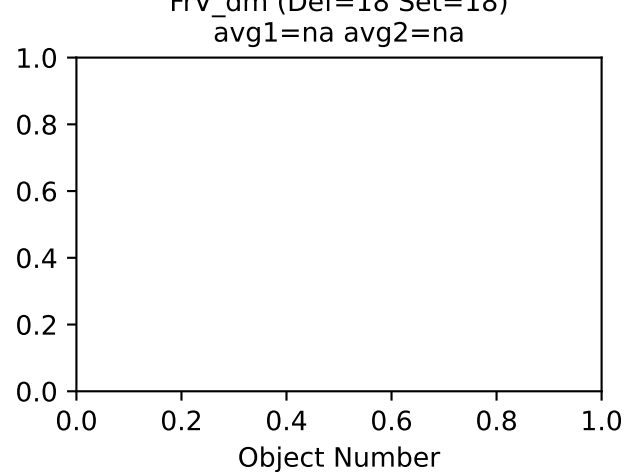
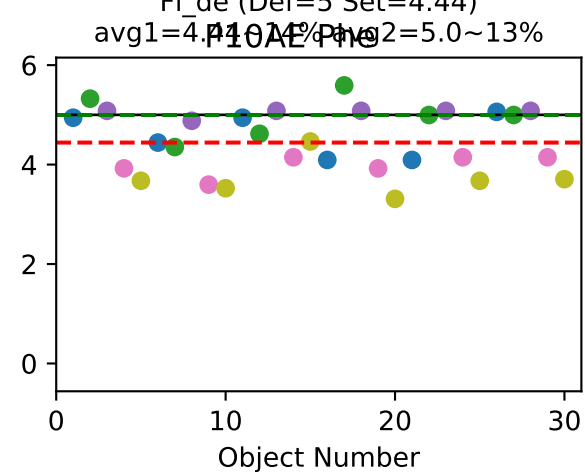
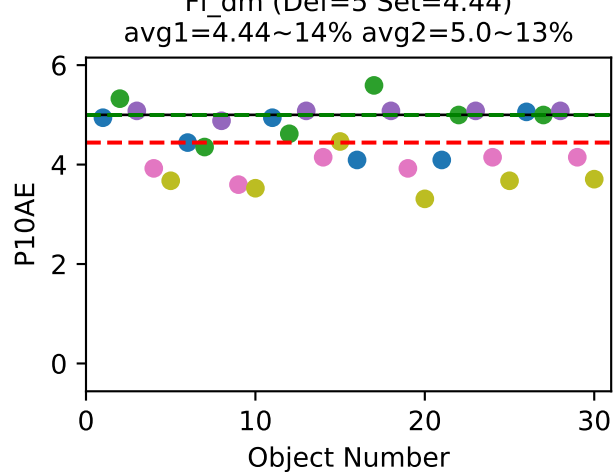


By Start Date

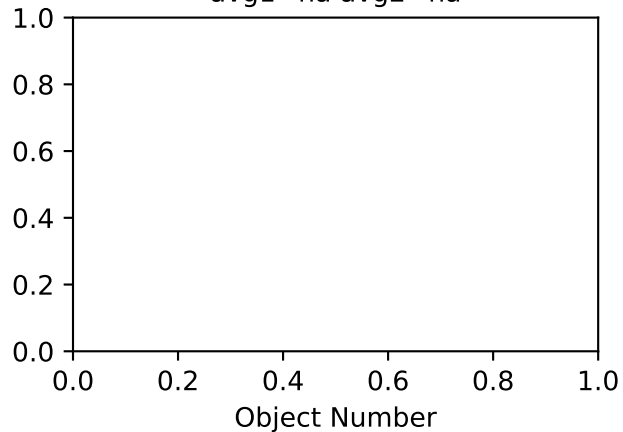


By Plant/Organ Age

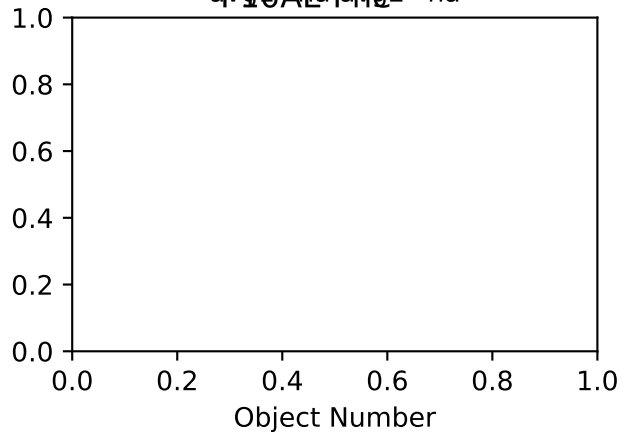




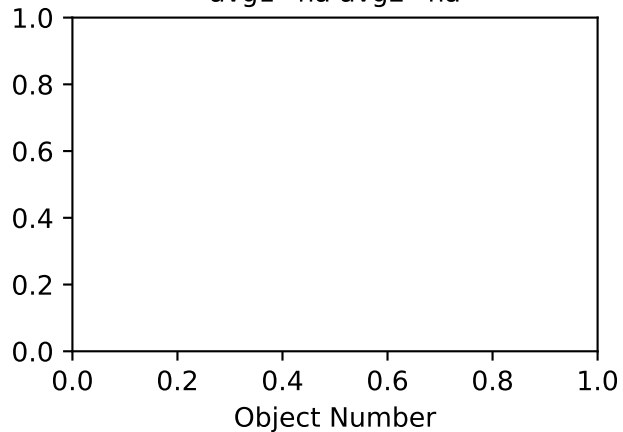
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avg1=na avg2=na



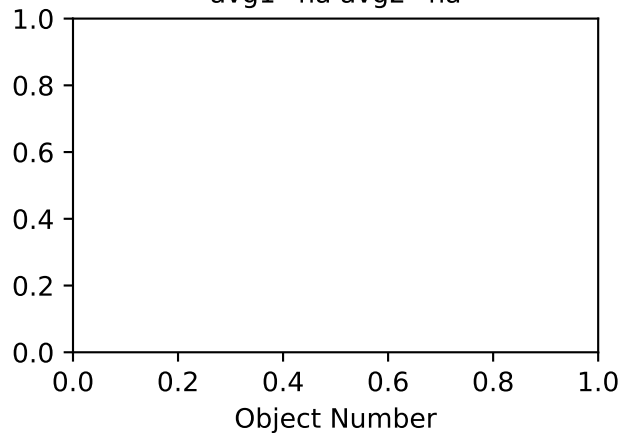
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



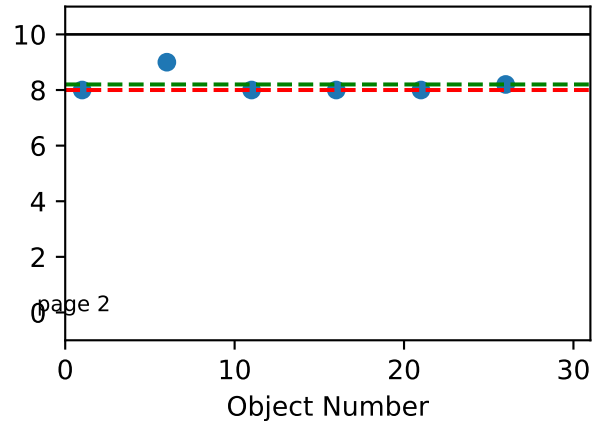
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

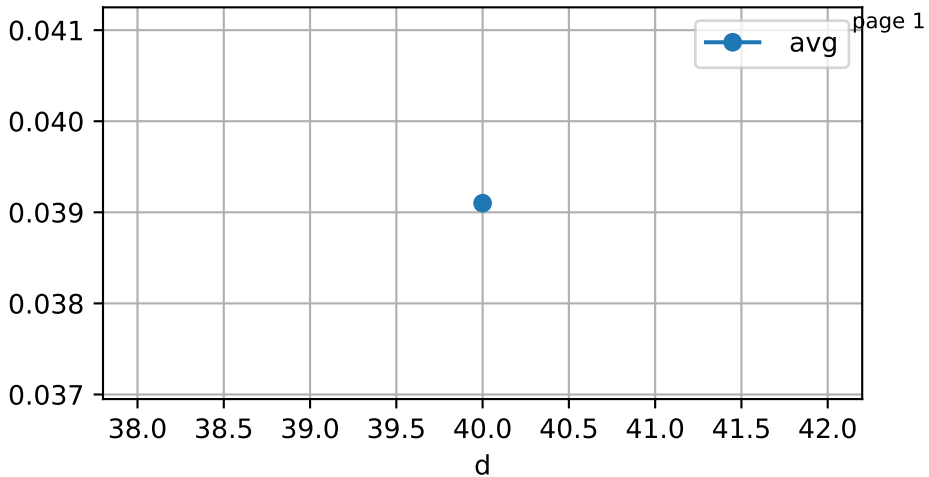


NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=8.2

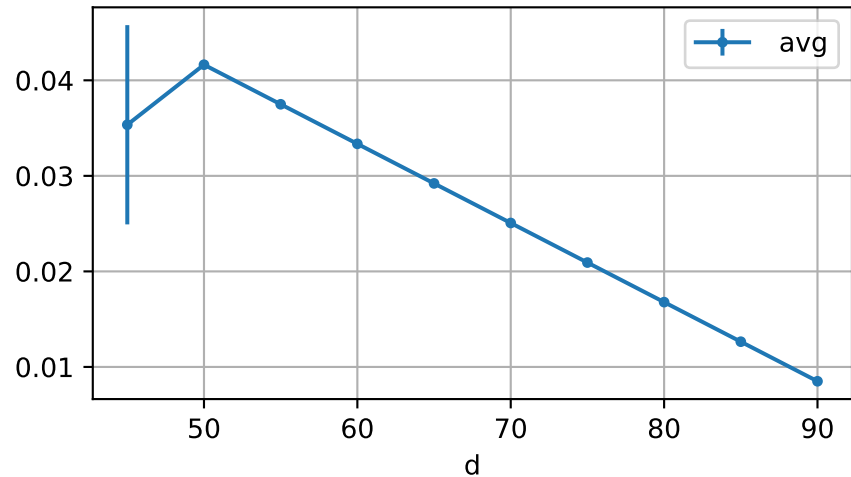


LfA: avg vs. d at each age group

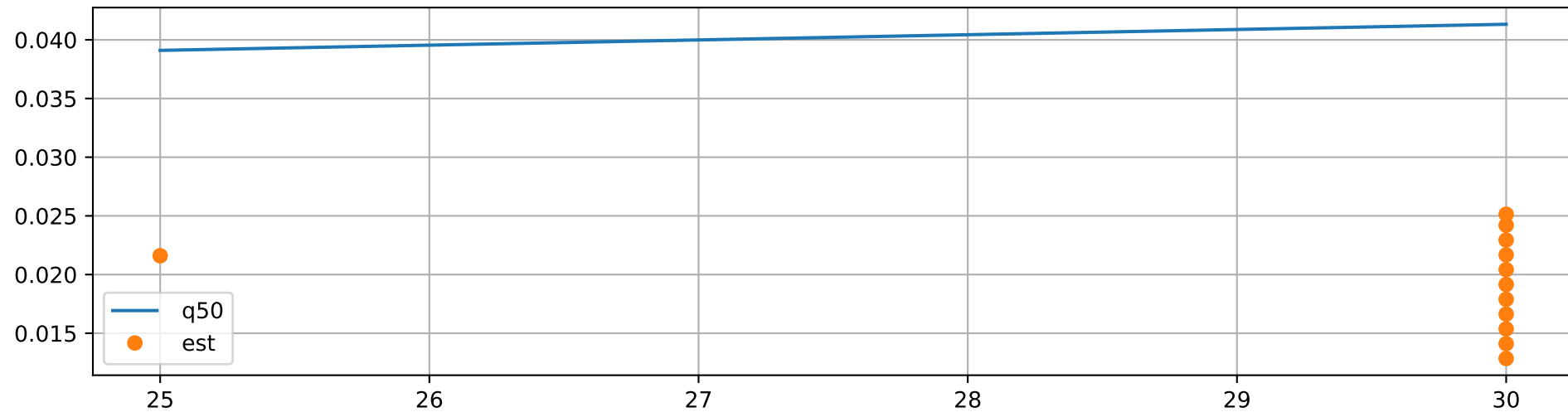
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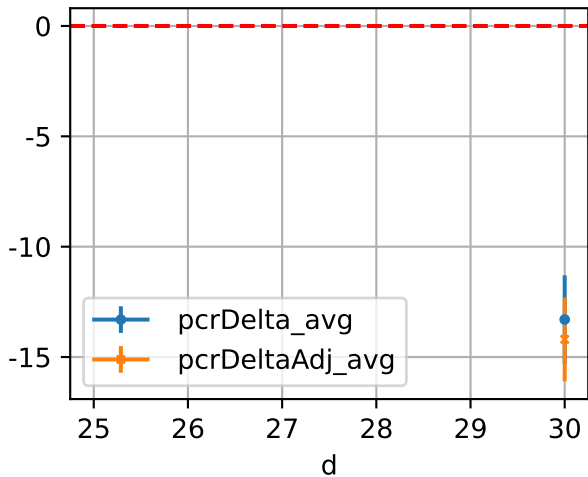
age=30



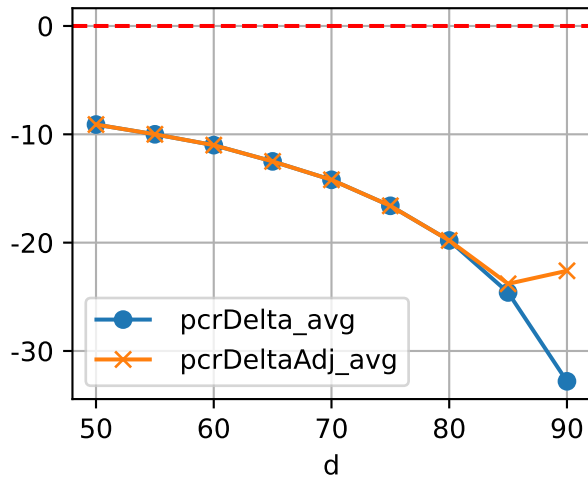
LfA: model est vs obsOv@Q50



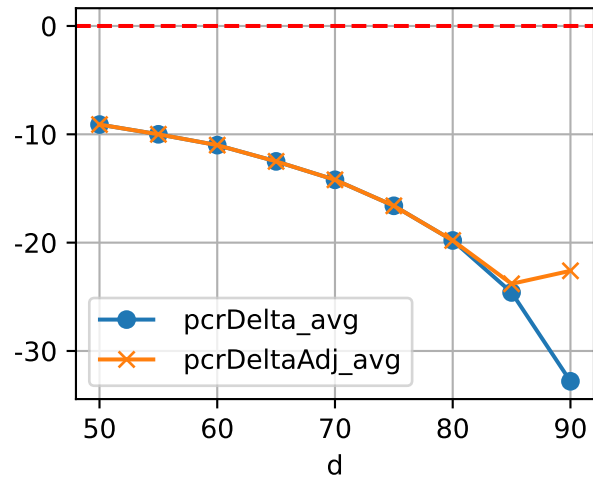
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

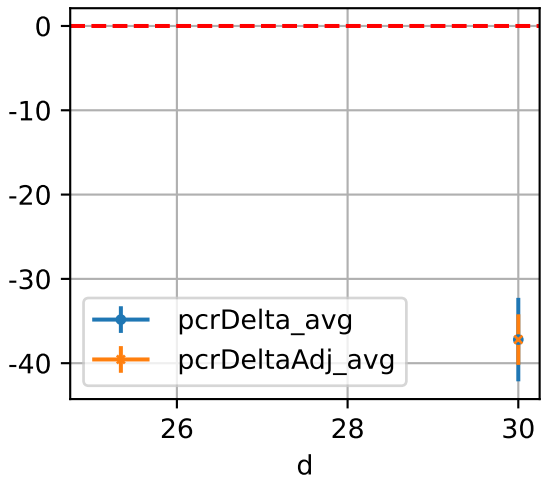


DeltaTypeAbbr=WeiAvgByD

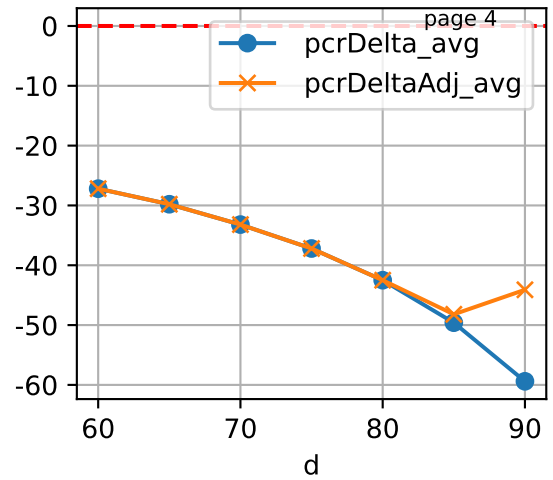


P10AE LfA: D_15d_LfA

DeltaTypeAbbr=GrpByAge

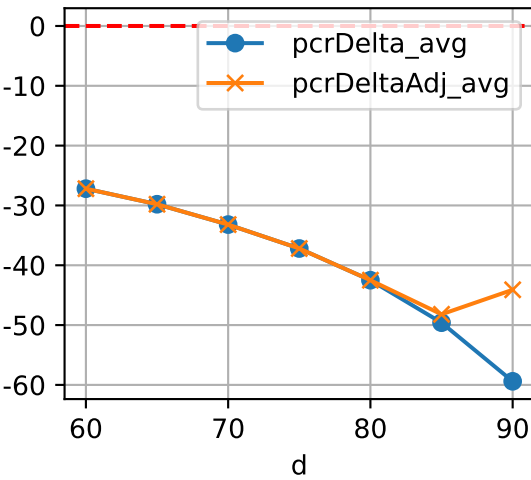


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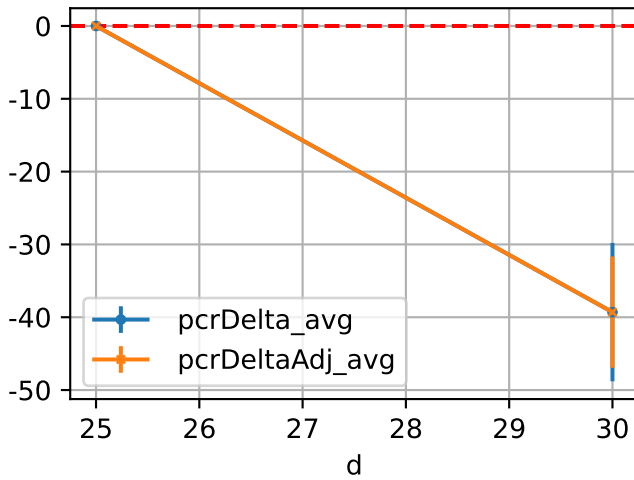


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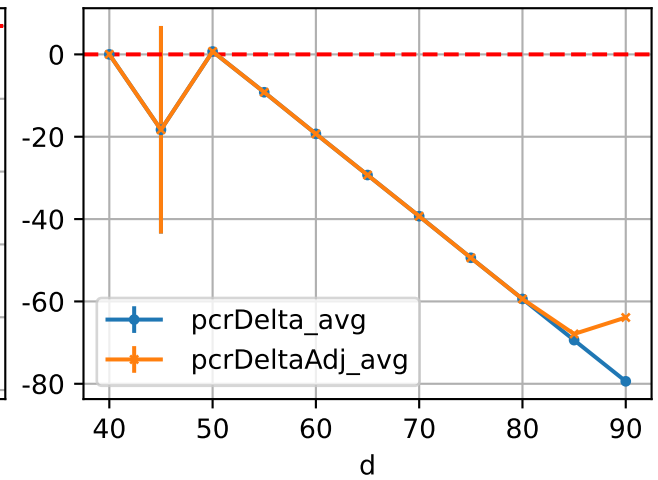
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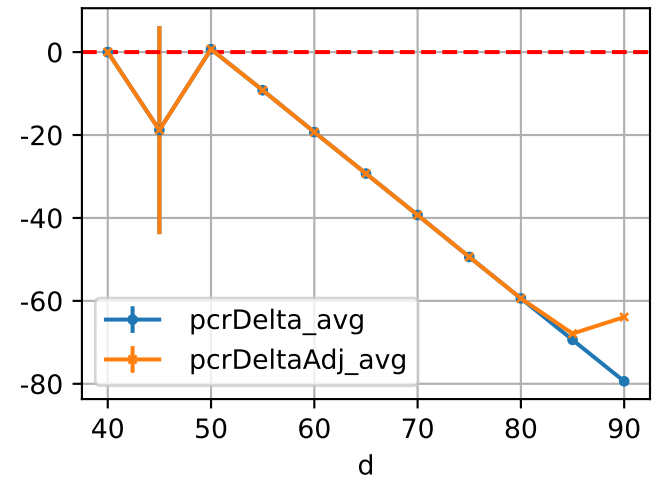
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DeltaTypeAbbr=GrpByDay

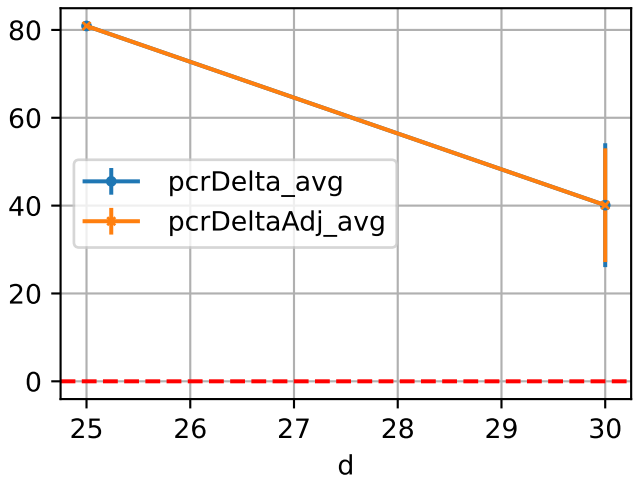


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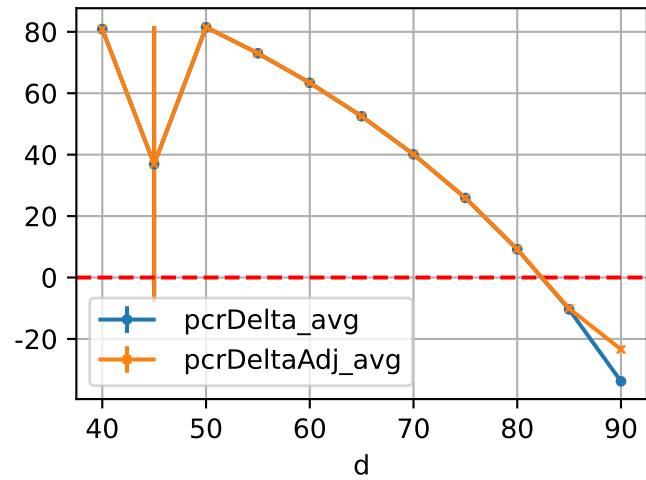


P10AE LfA: D_Est_LfA

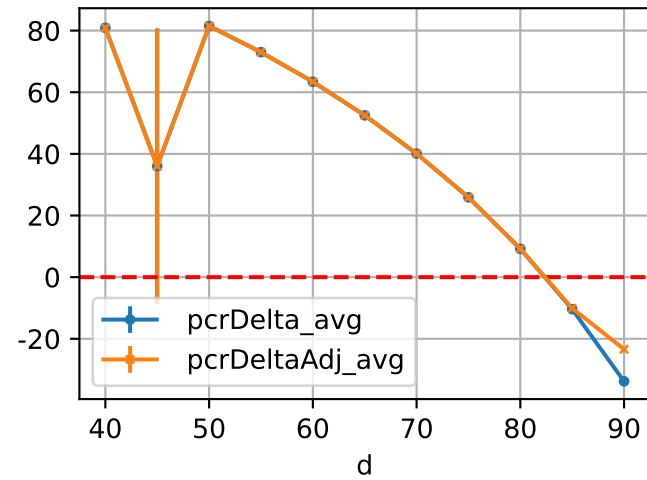
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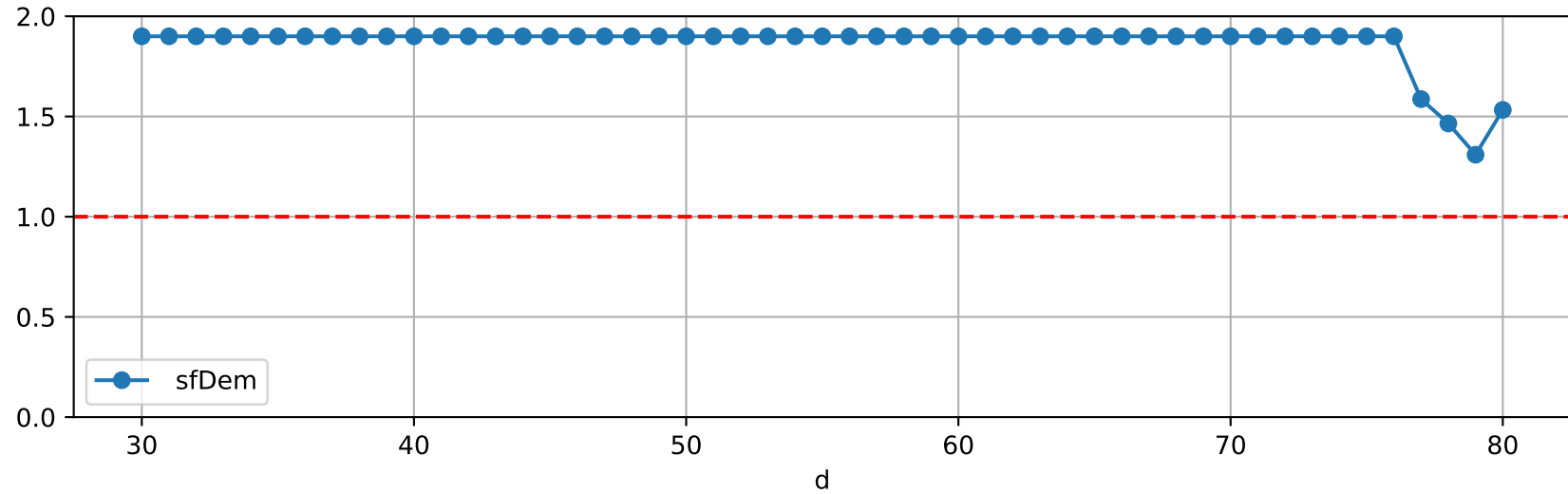
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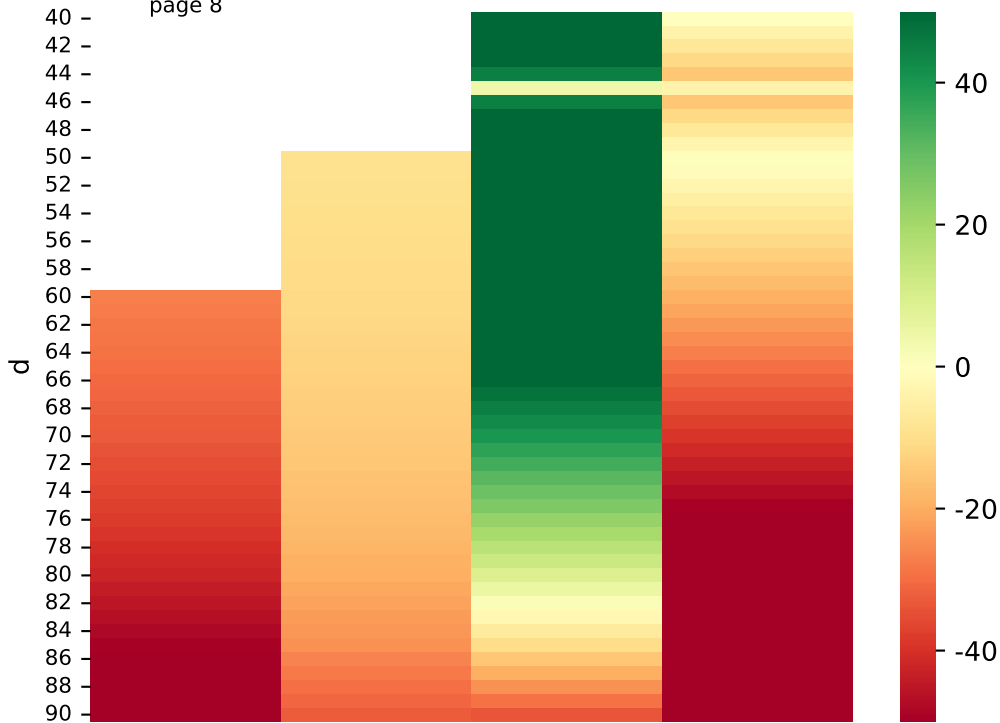


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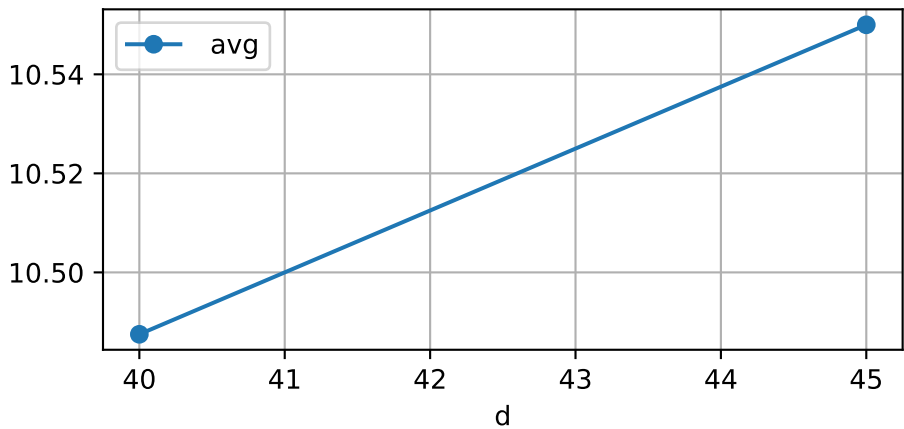
LfA: sfDem



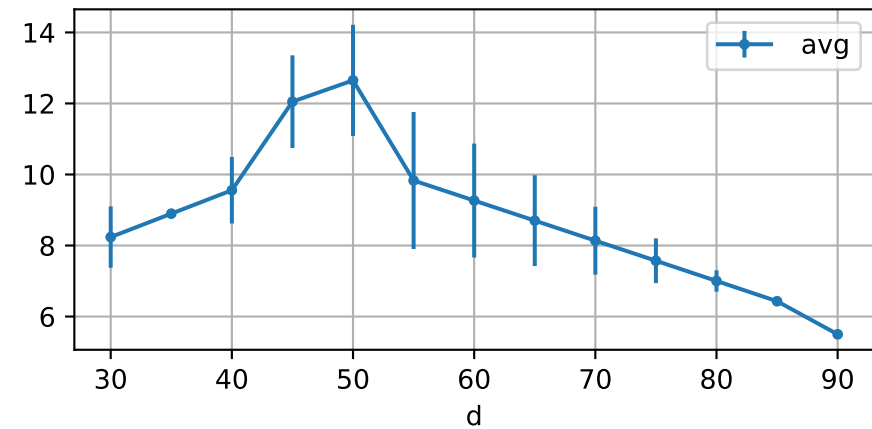


NdD: avg vs. d at each age group

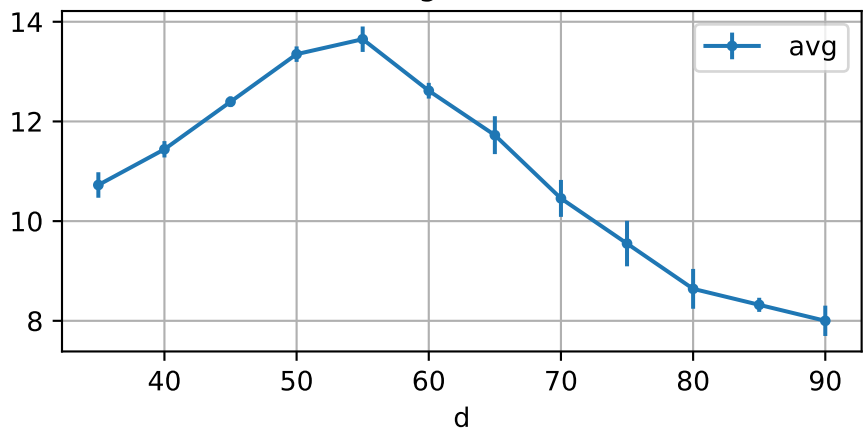
age=25



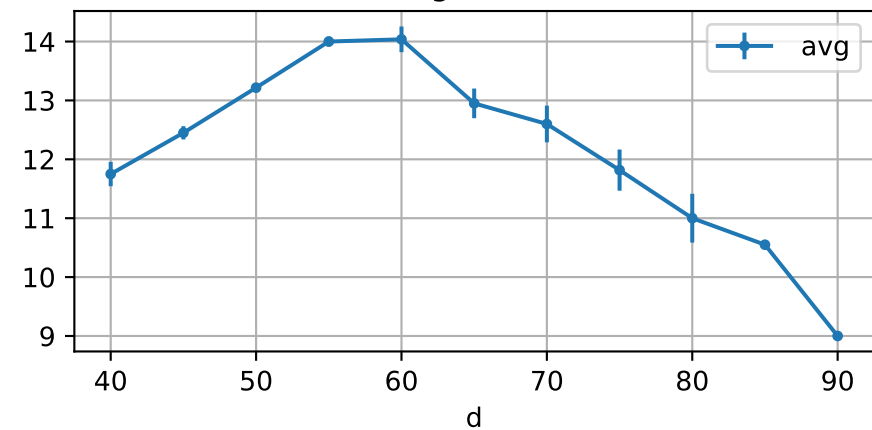
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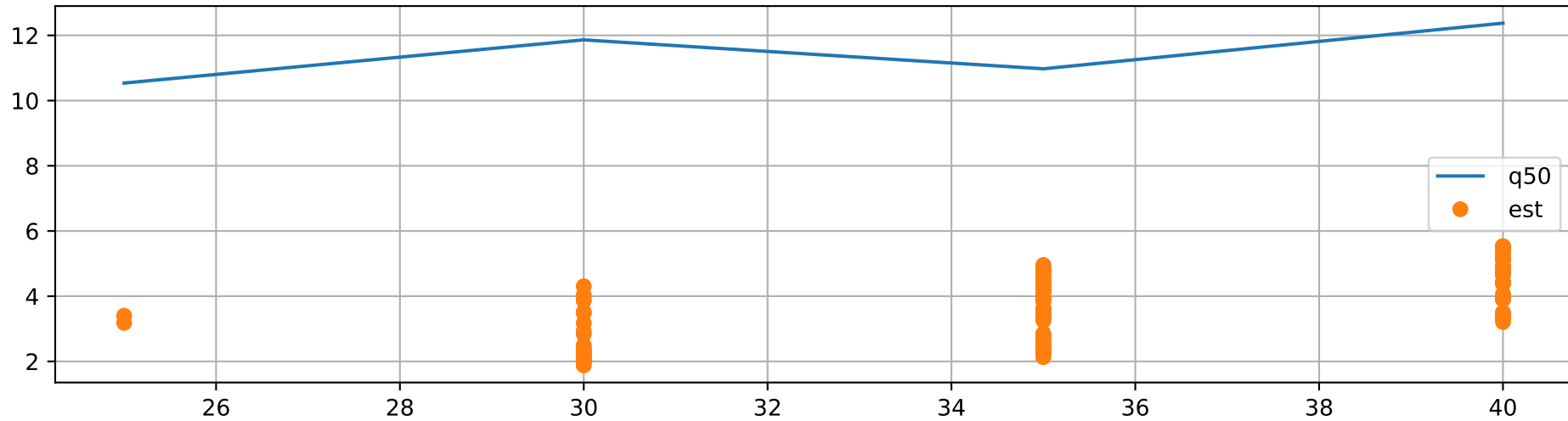
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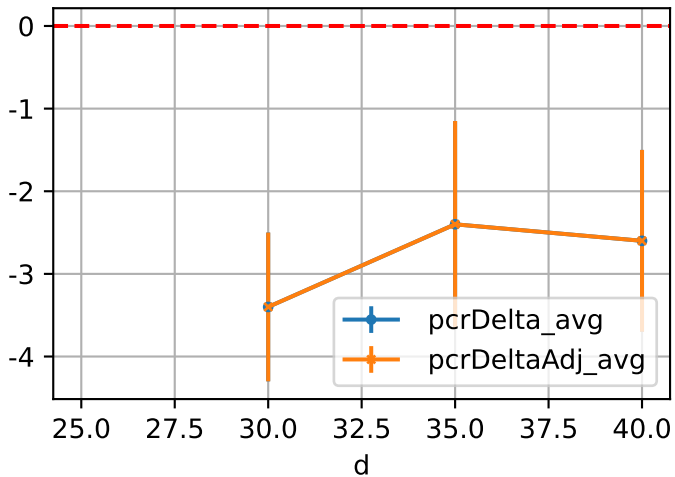
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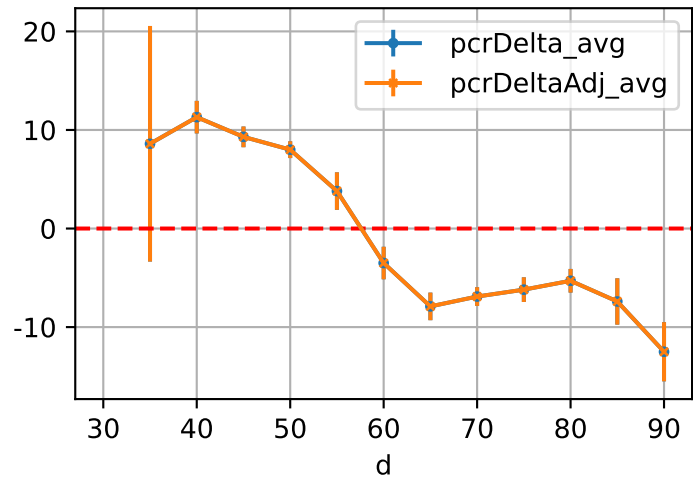
NdD: model est vs obsOv@Q50



DeltaTypeAbbr=GrpByAge

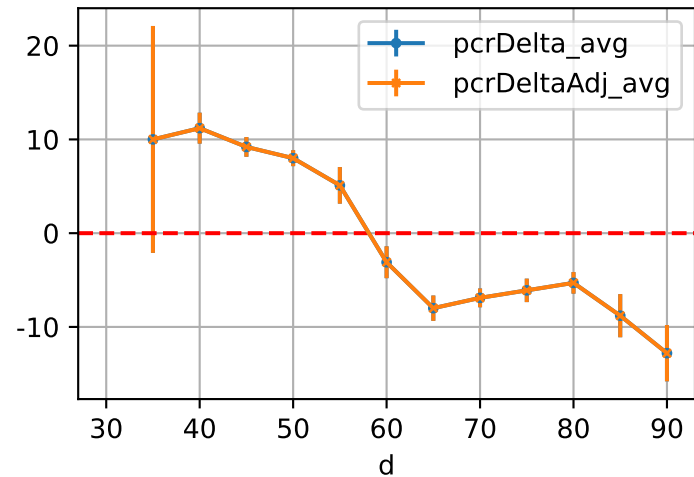


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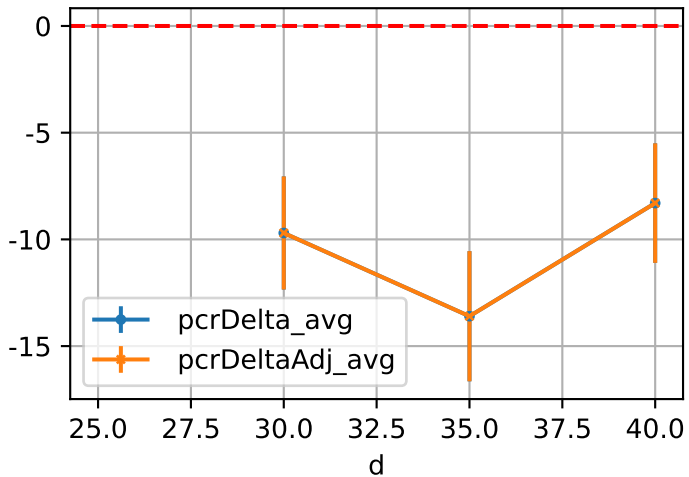
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DeltaTypeAbbr=WeiAvgByD

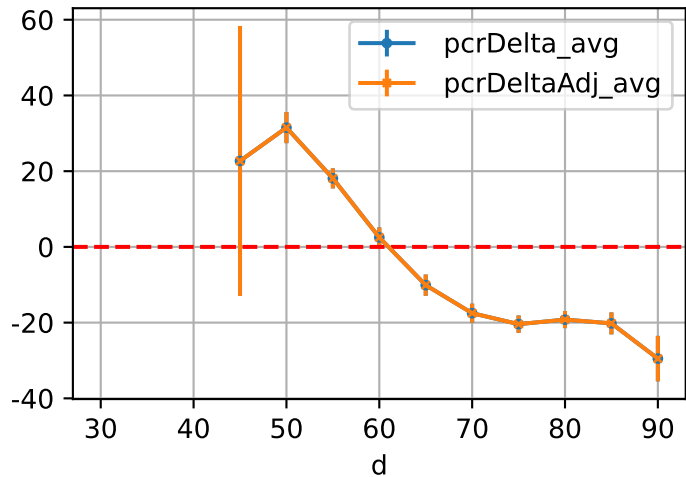


P10AE NdD: D_15d_NdD

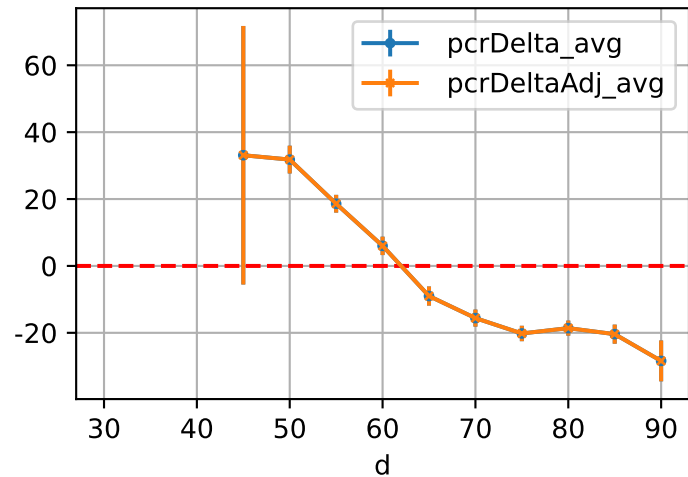
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DeltaTypeAbbr=GrpByDay

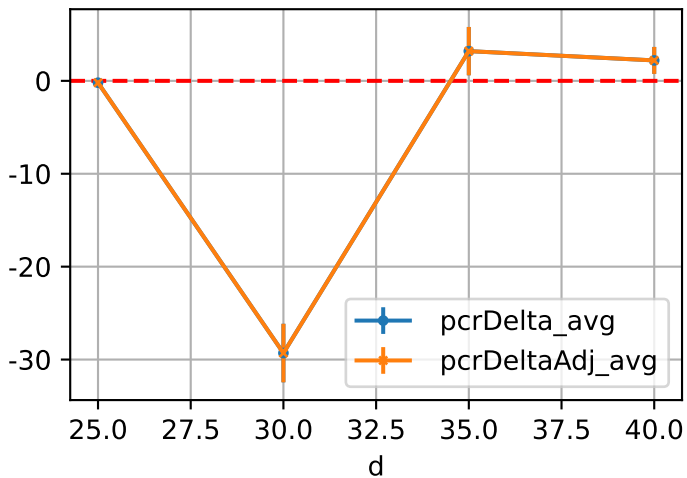


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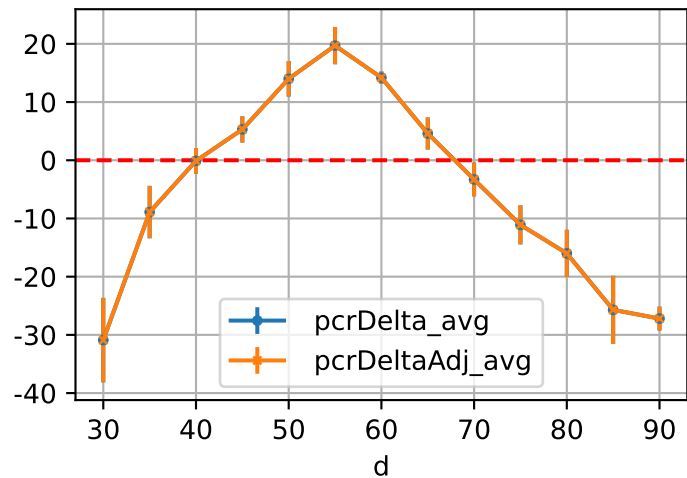


P10AE NdD: D_Q50_NdD

DeltaTypeAbbr=GrpByAge

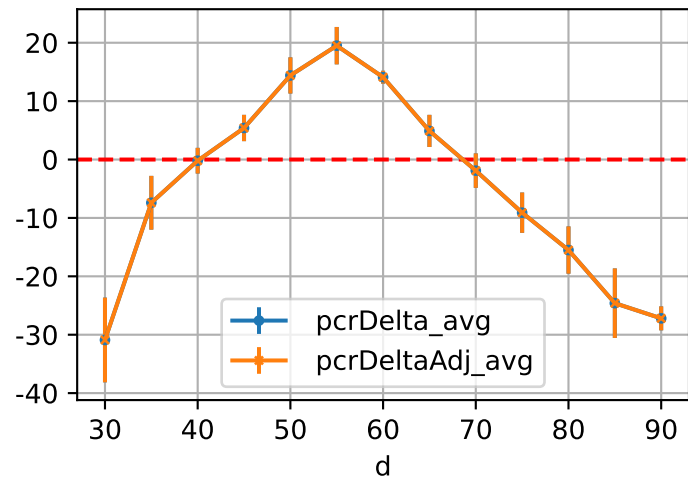


DeltaTypeAbbr=GrpByDay



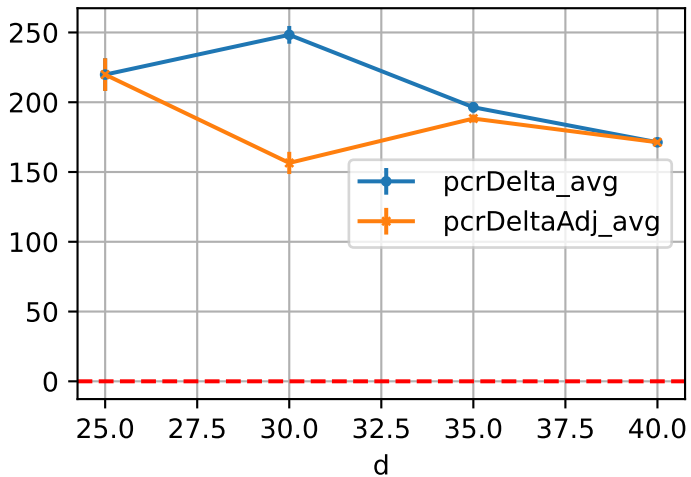
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DeltaTypeAbbr=WeiAvgByD

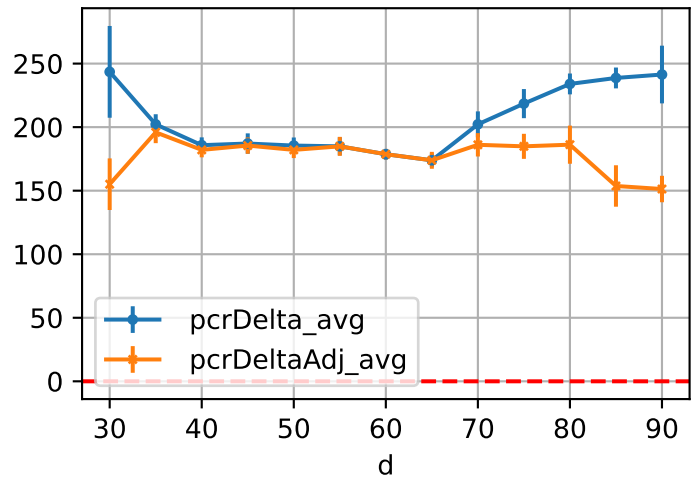


P10AE NdD: D_Est_NdD

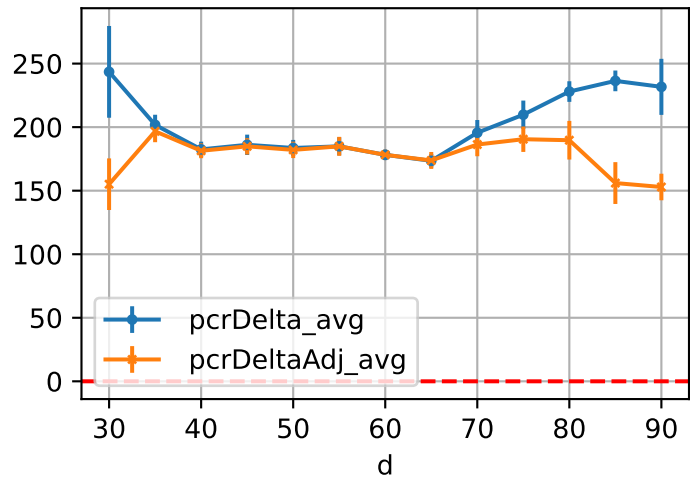
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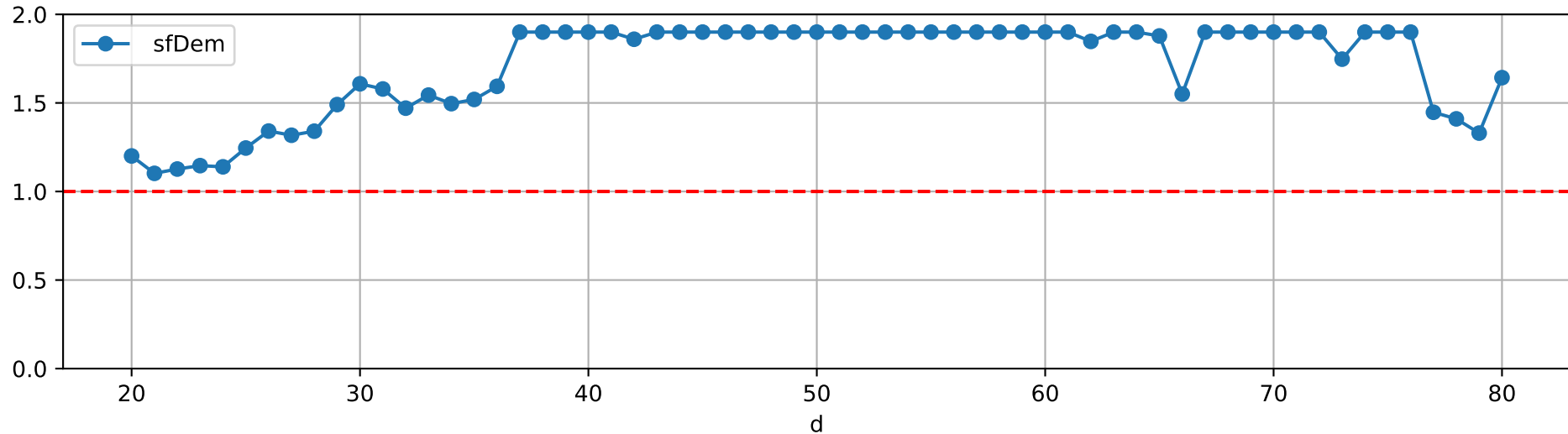
DeltaTypeAbbr=GrpByDay



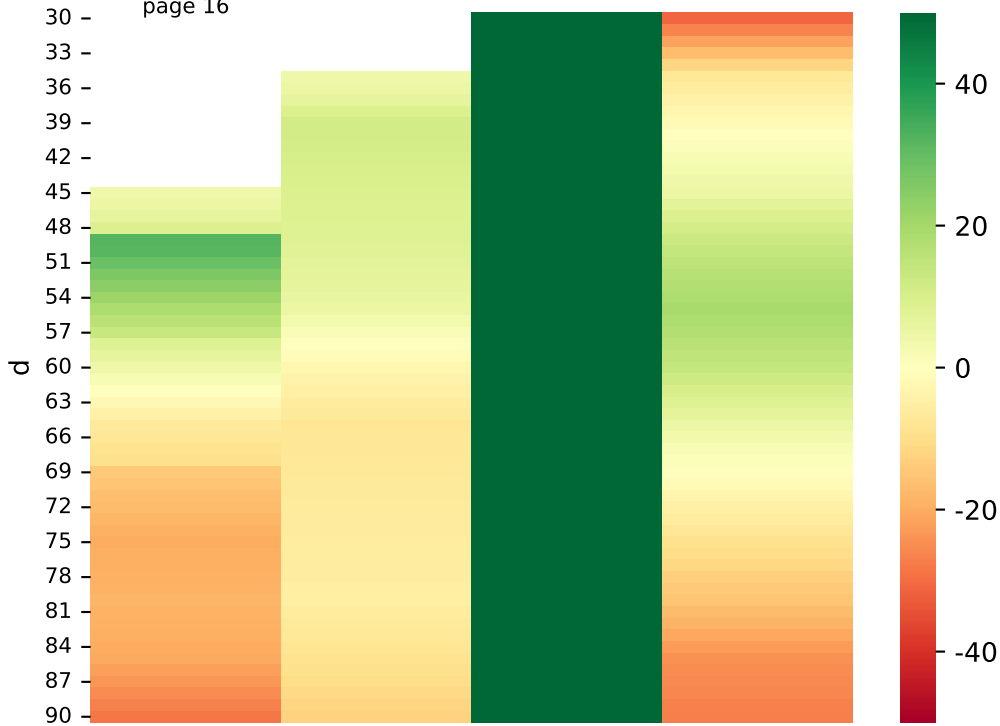
DeltaTypeAbbr=WeiAvgByD



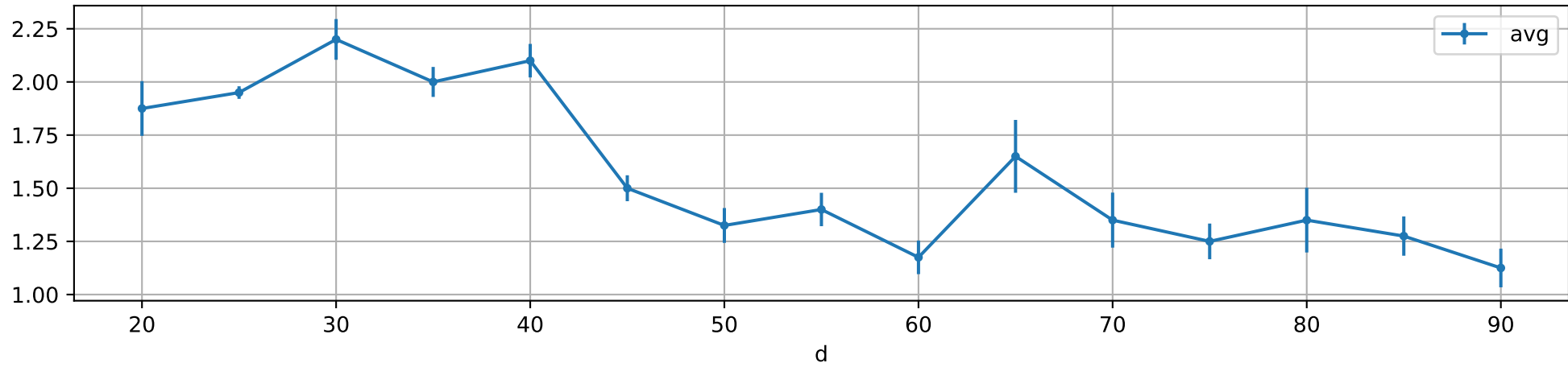
NdD: sfDem



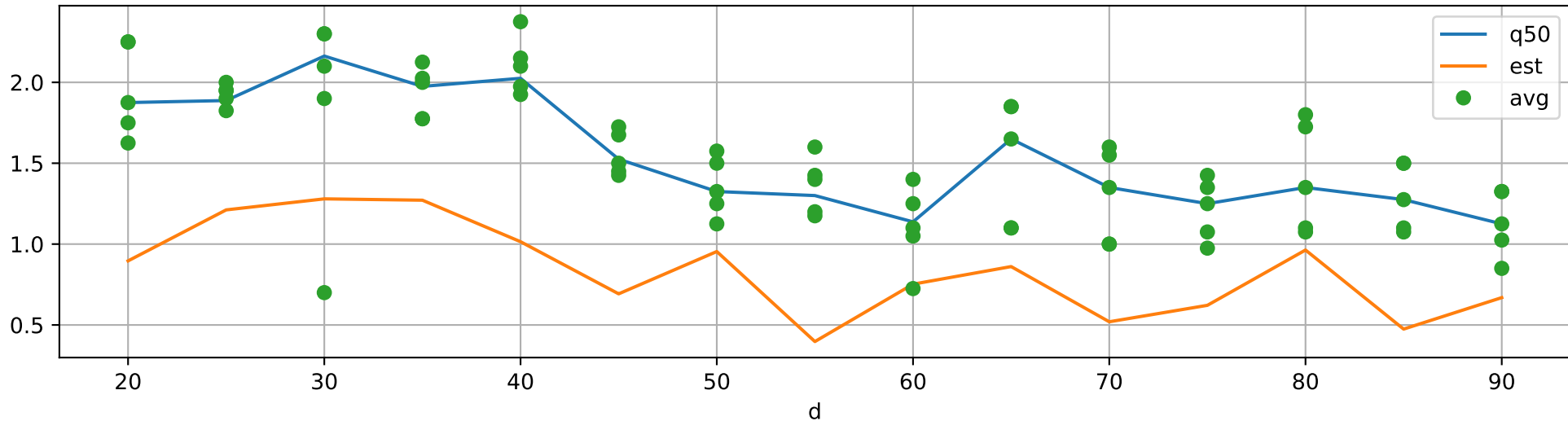
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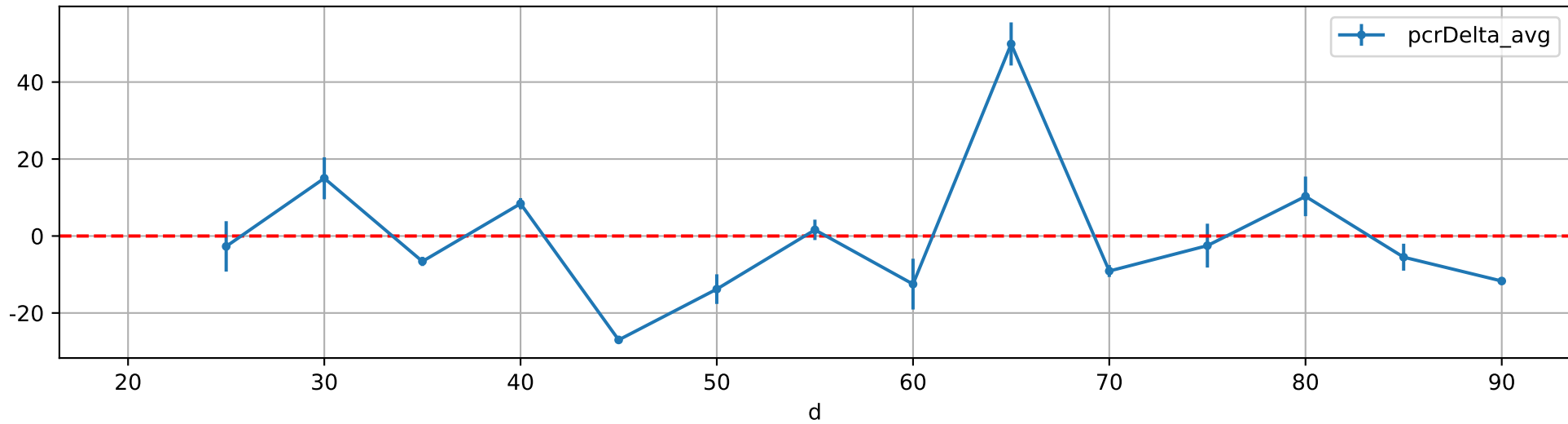
dStH: avg vs. d



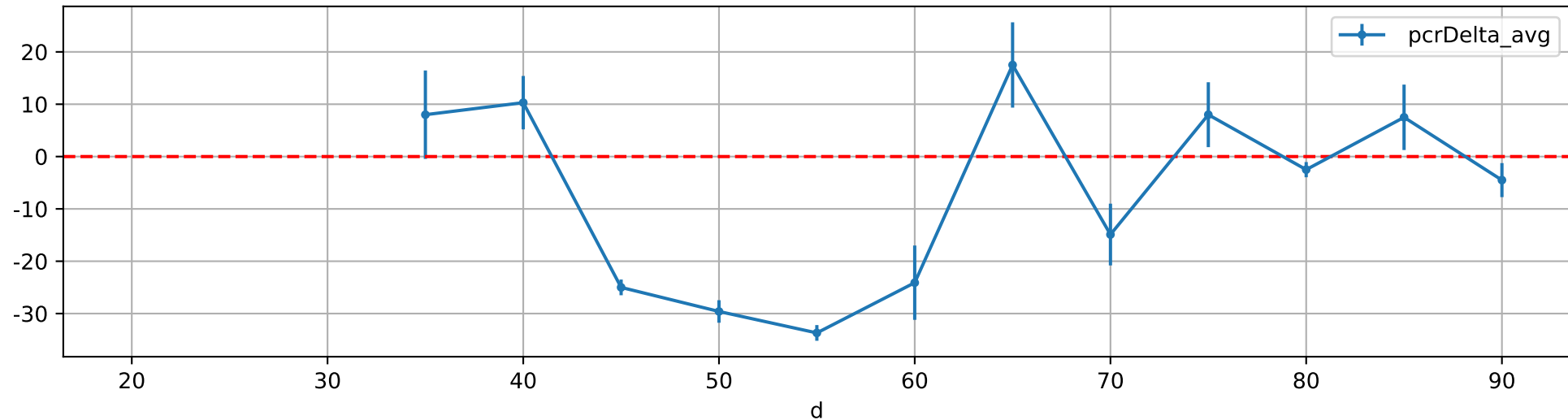
dStH: obsAvg vs obsOv@Q50



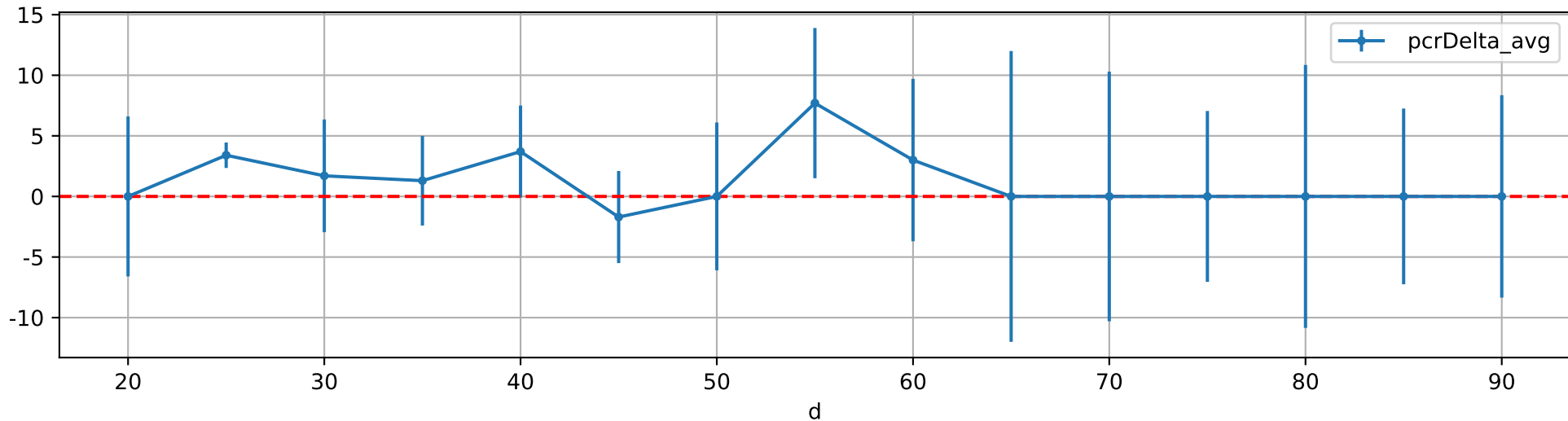
dStH: D_5d_StH



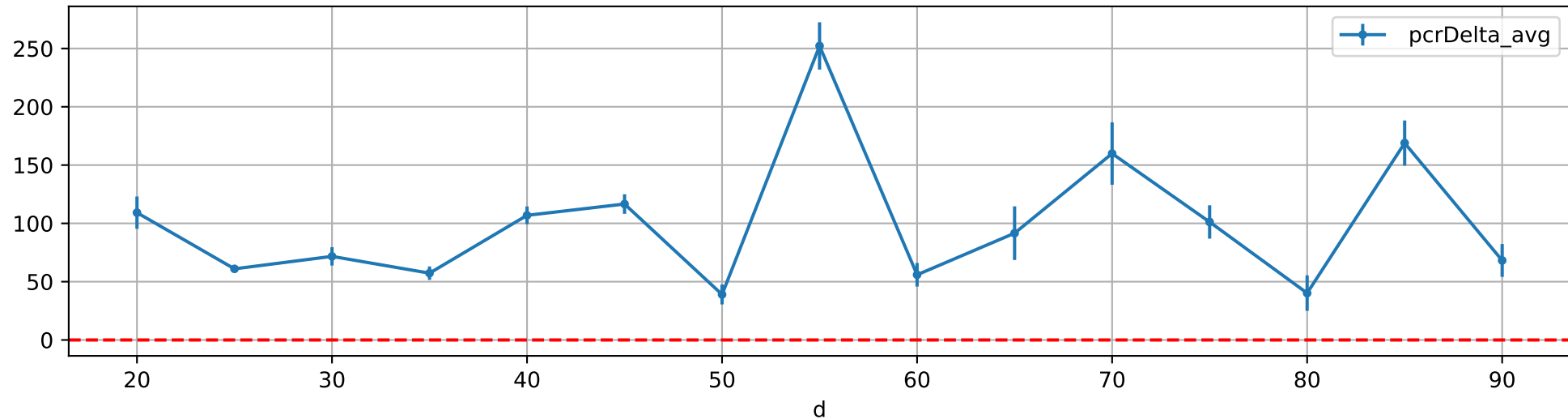
dStH: D_15d_StH



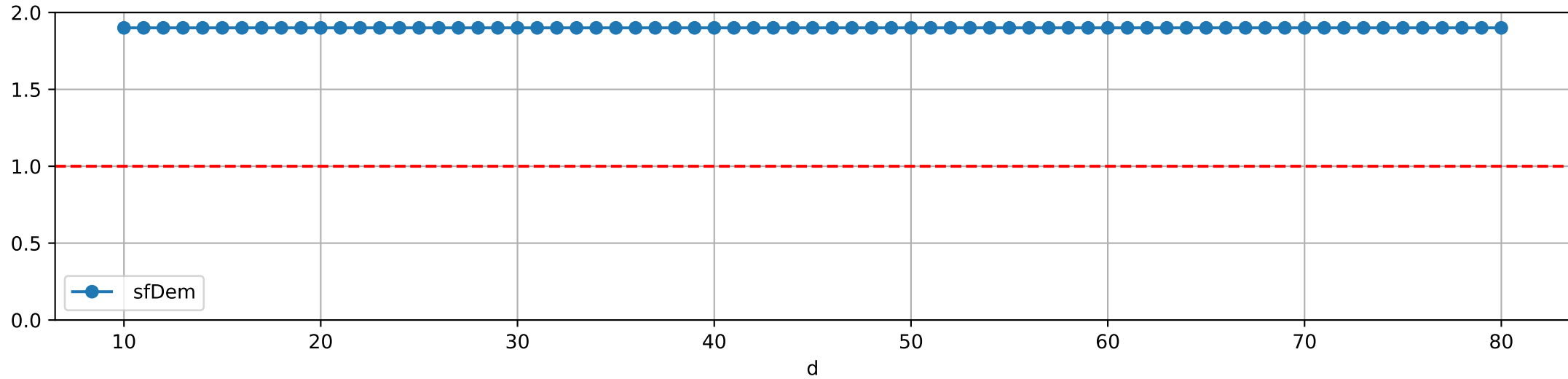
dStH: D_Q50_StH

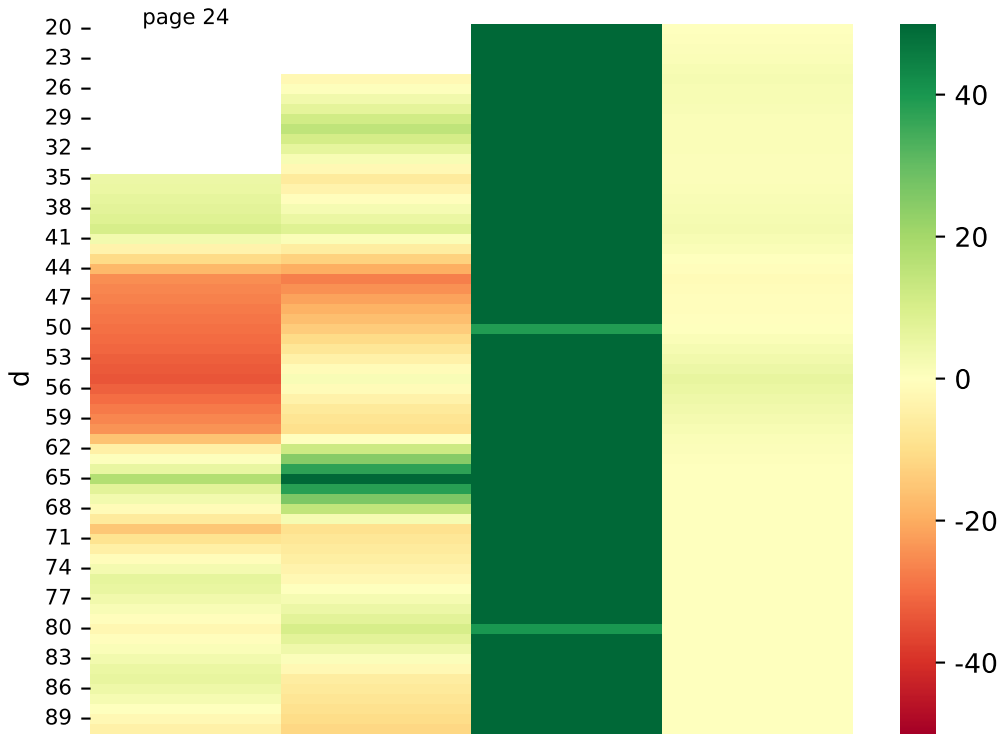


dStH: D_Est_StH



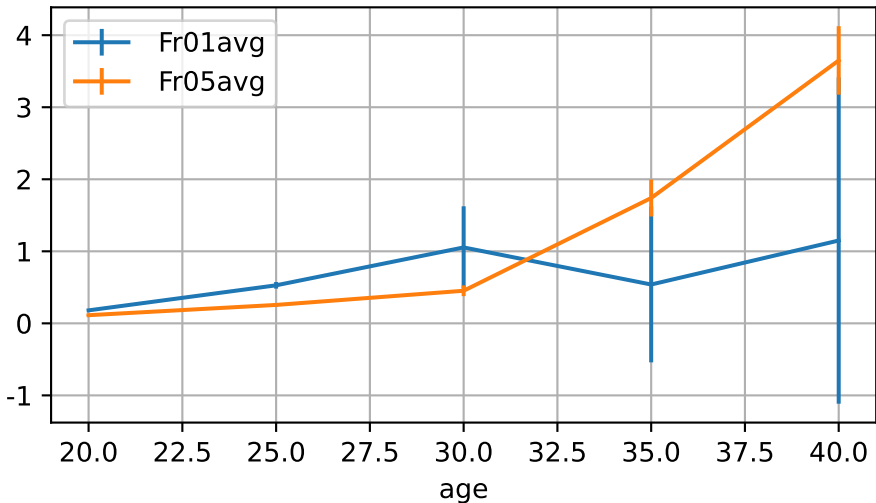
dStH: sfDem



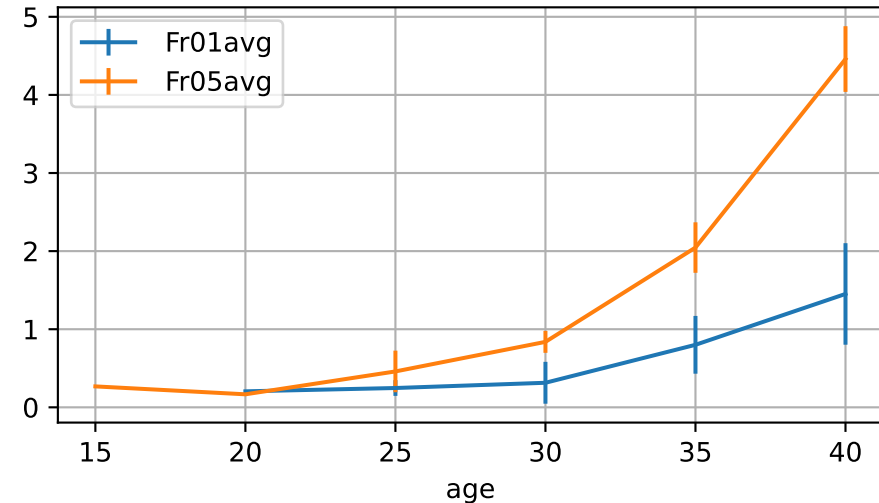


FrV: Fr01 vs Fr05 at each truss

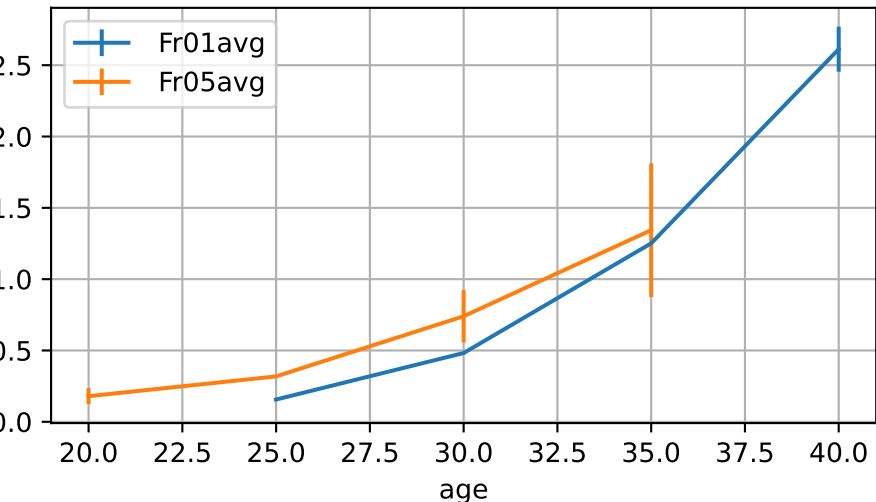
organID=T01



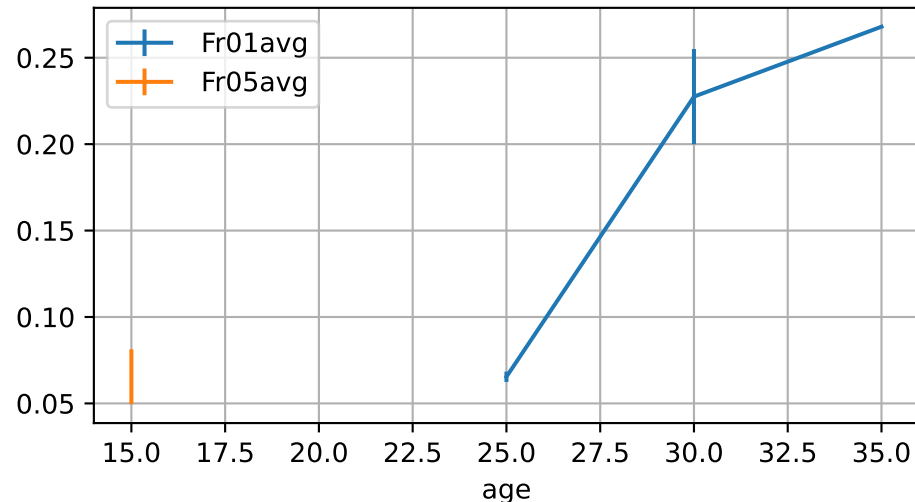
organID=T02



organID=T03

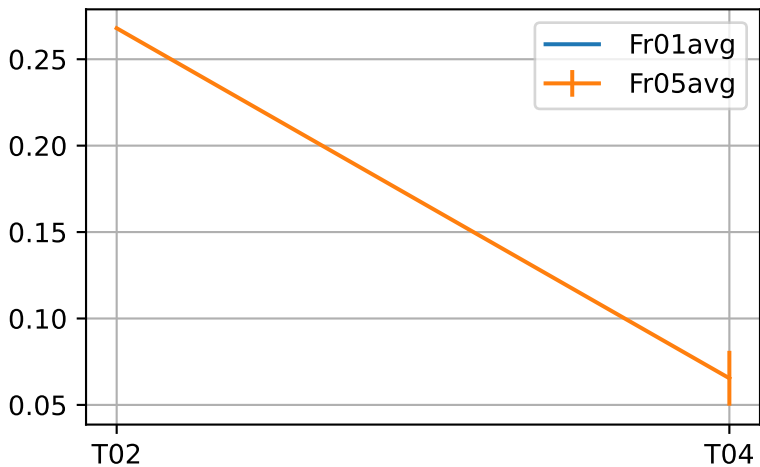


organID=T04

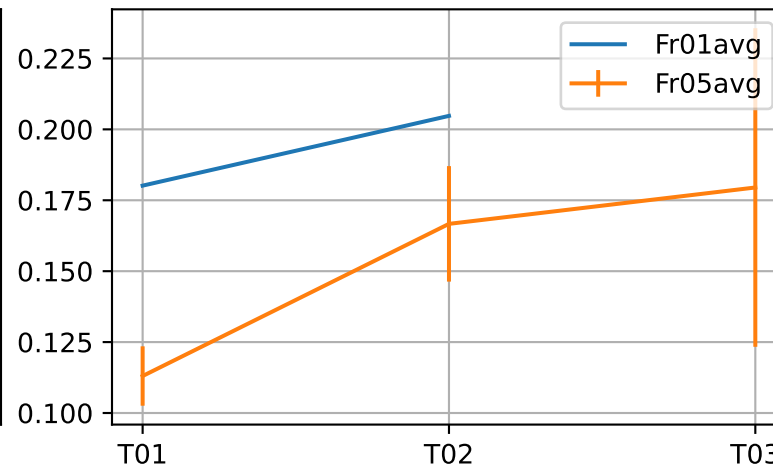


FrV trend at each age

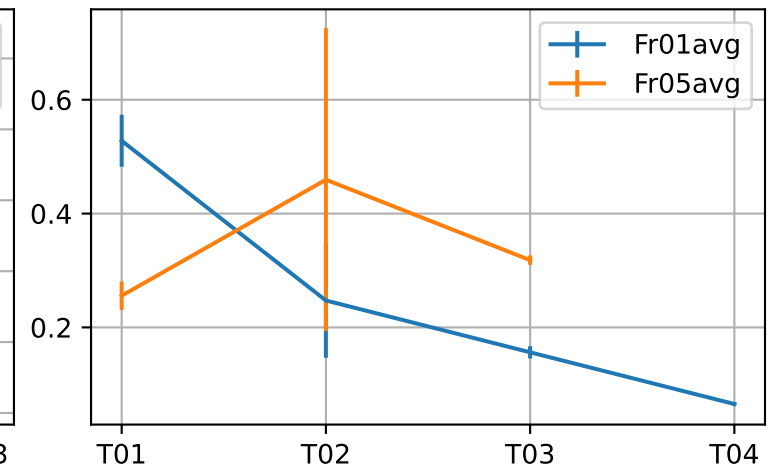
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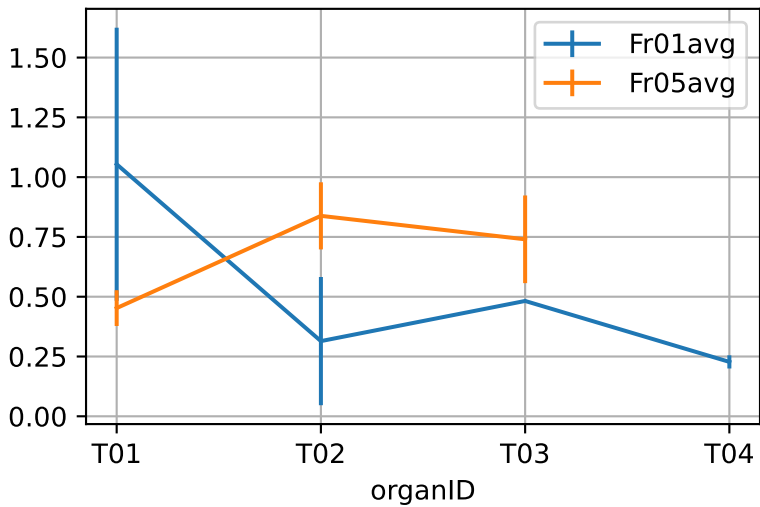
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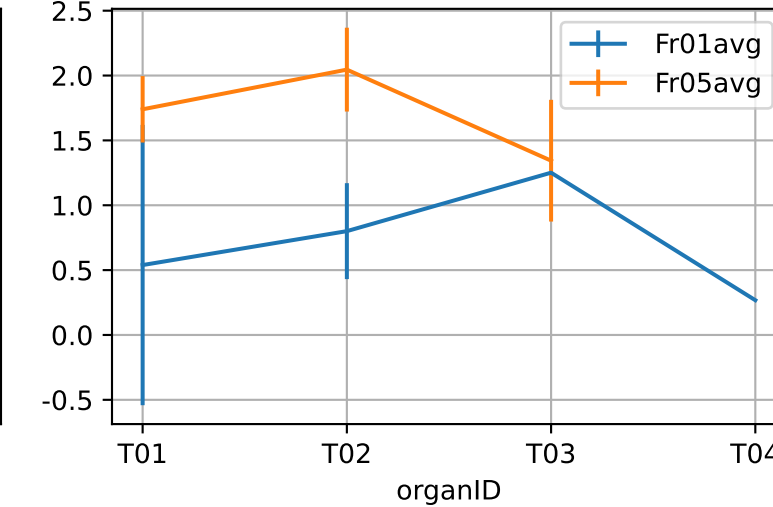
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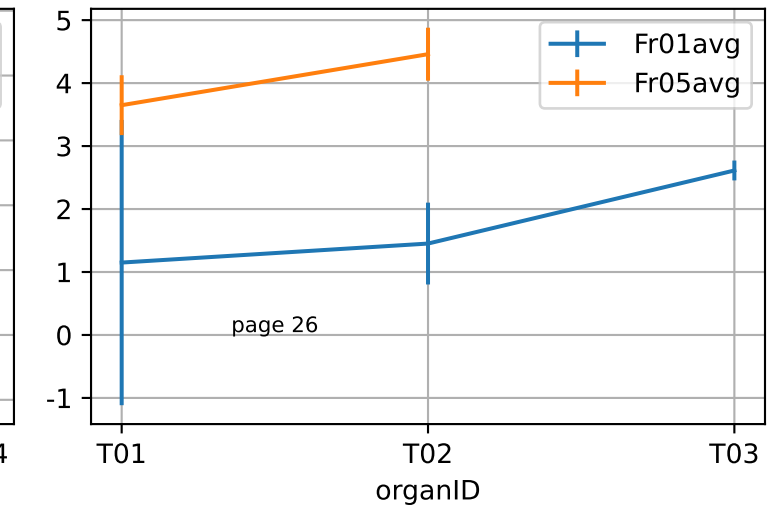
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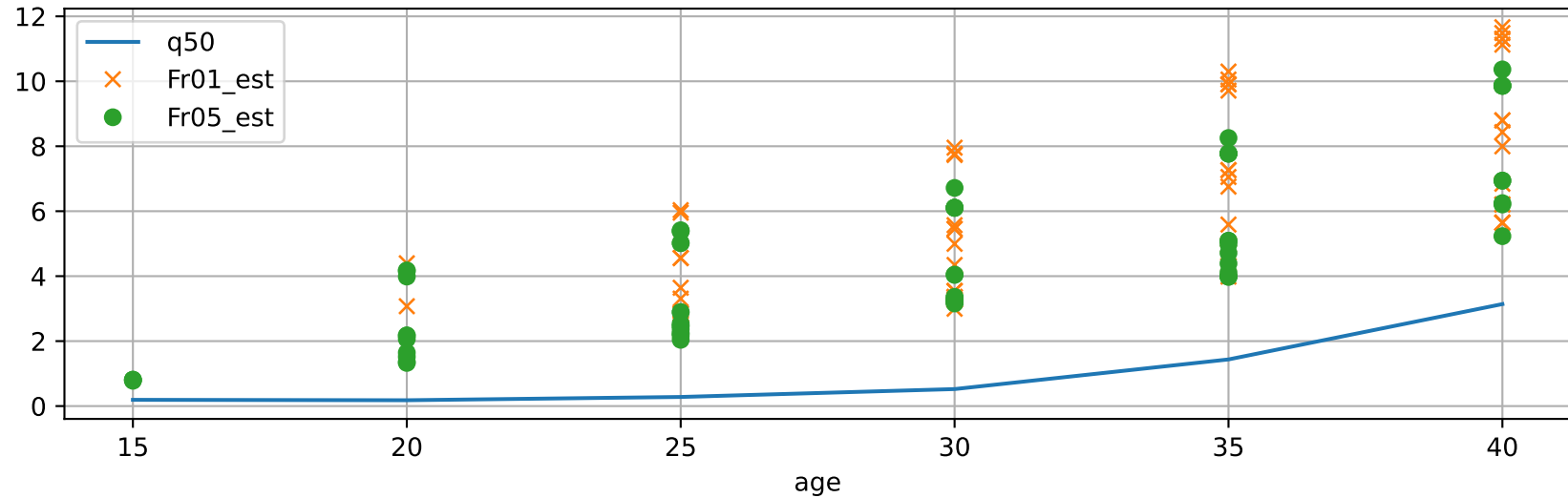
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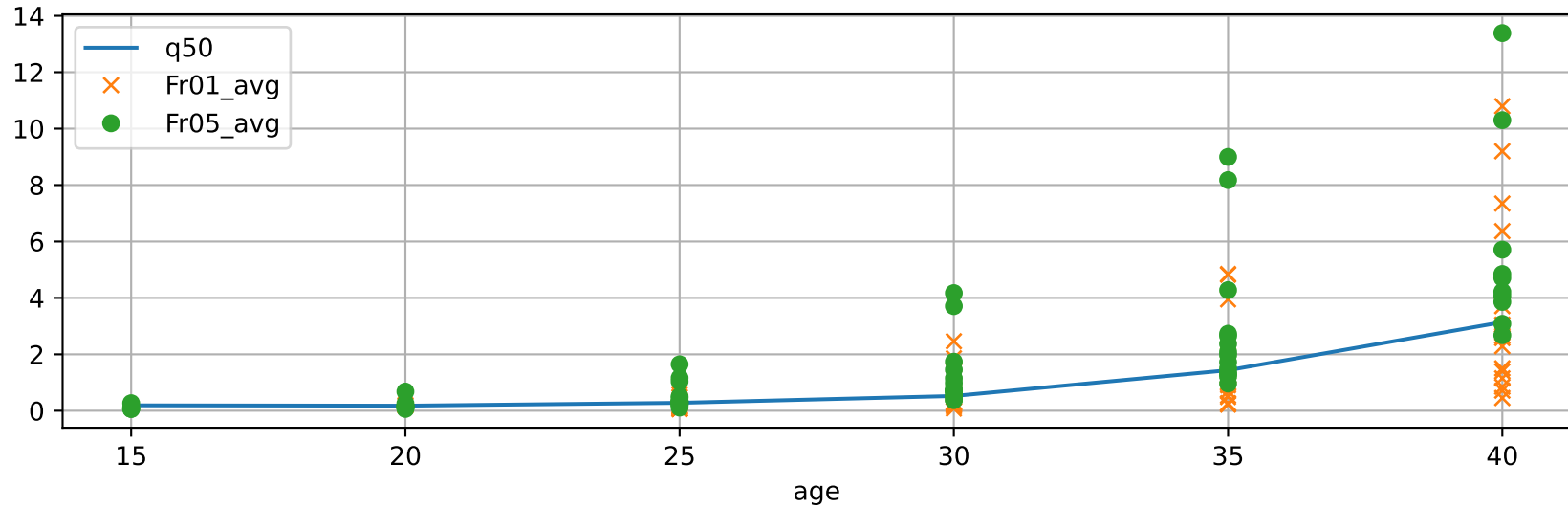
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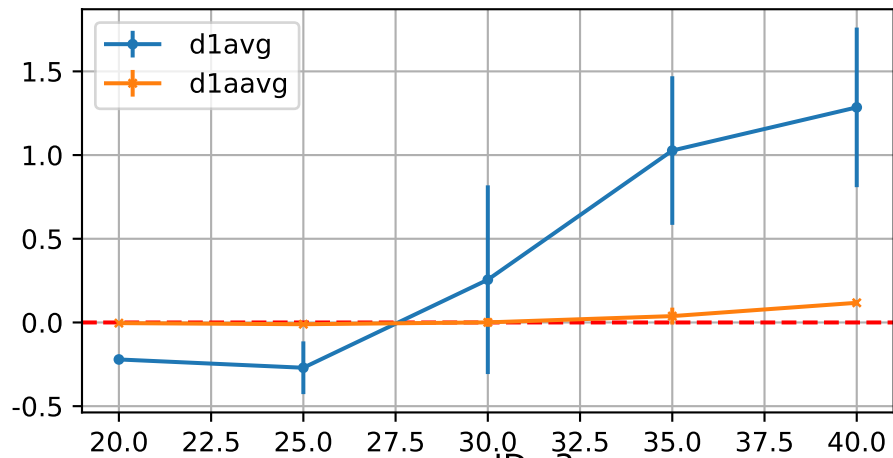
FrV: model Est vs obsFrV at Q90



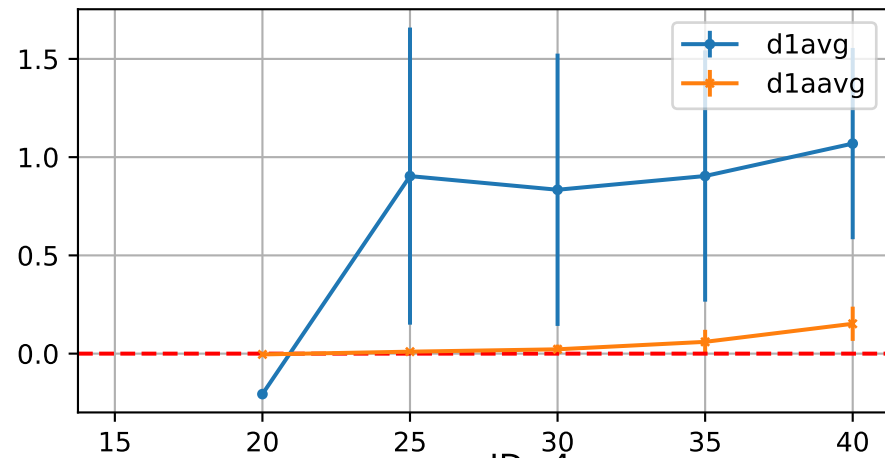
FrV: obsFrV vs obsFrV@Q90



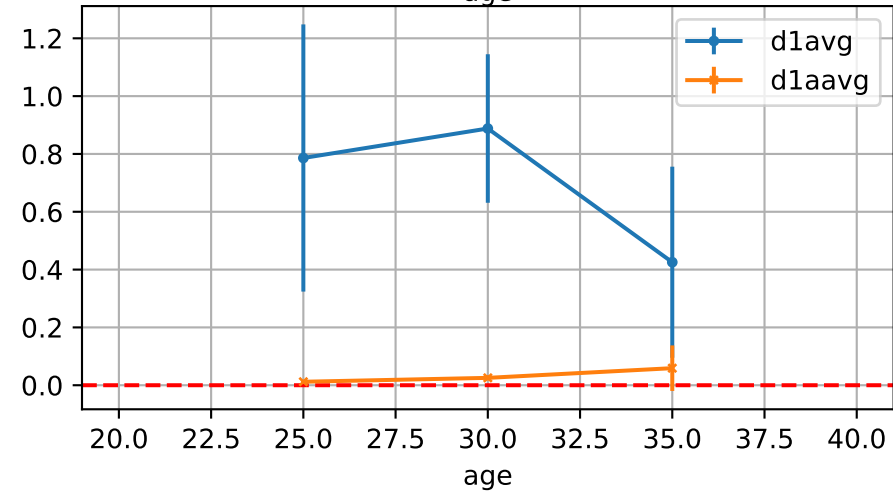
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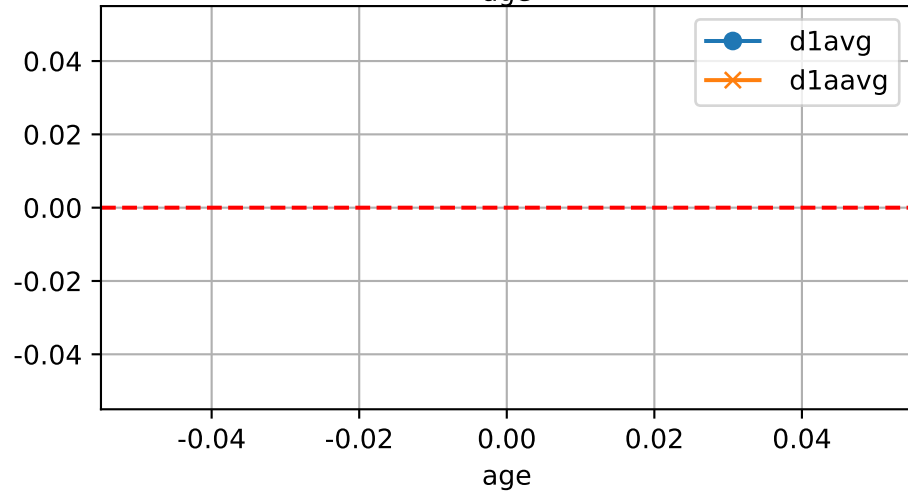
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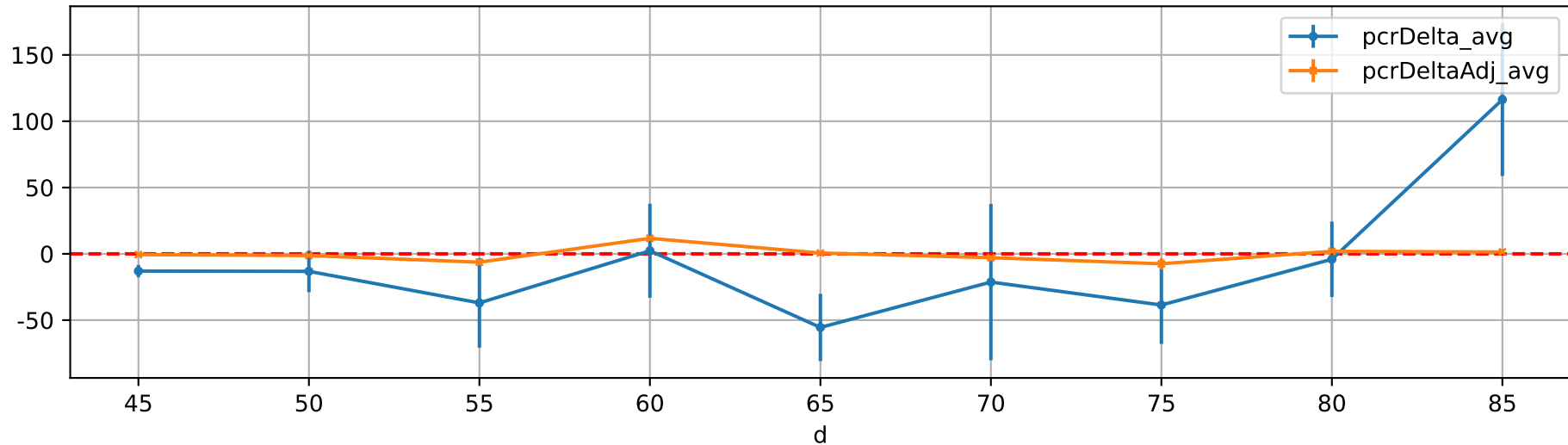
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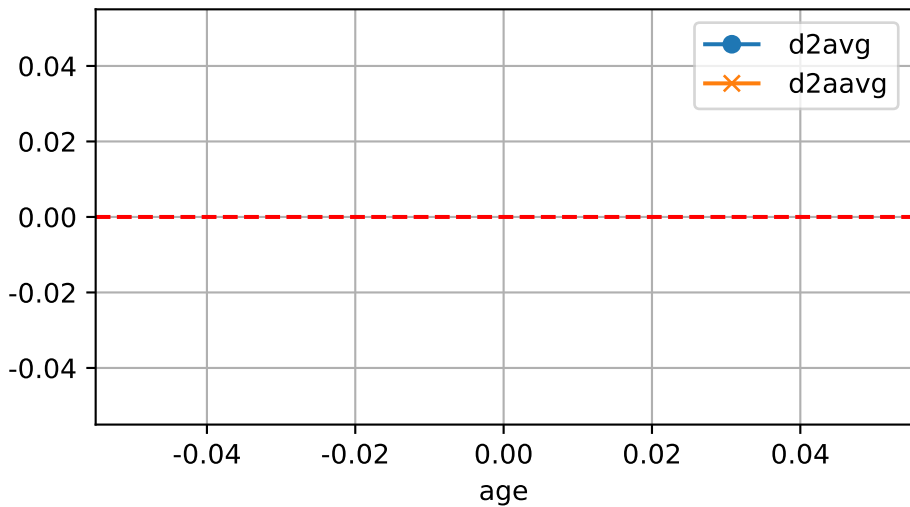
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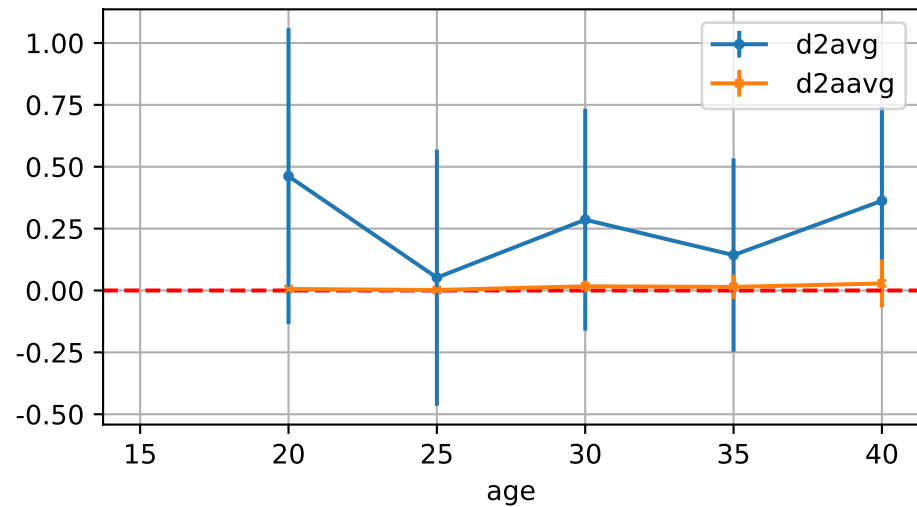
P10AE FrV: D_Fr1_FrV



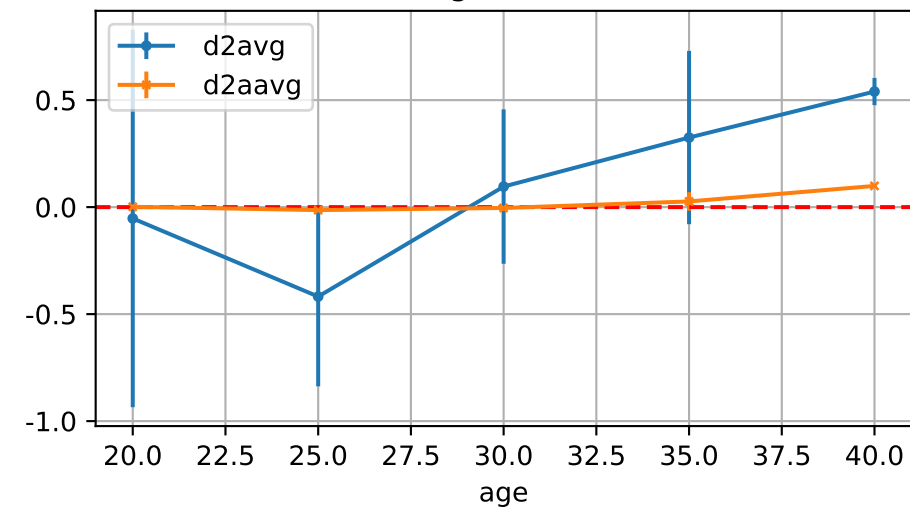
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organID=2

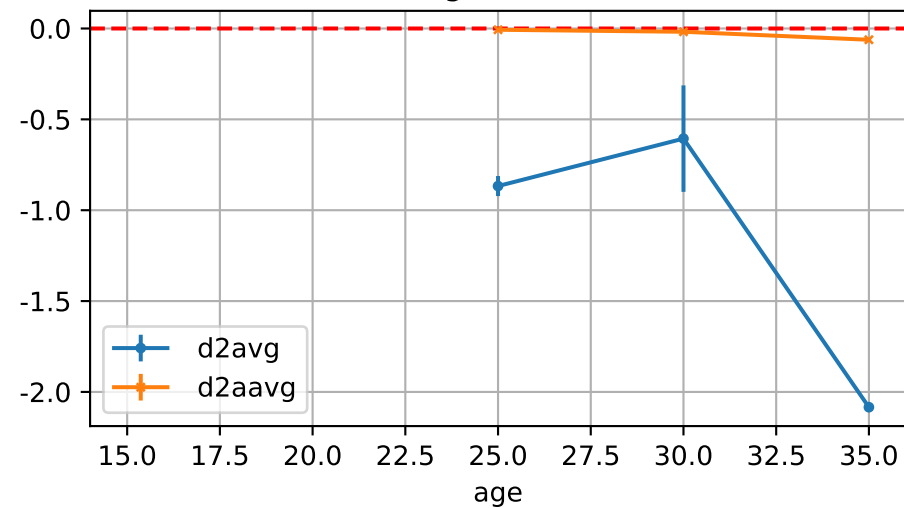


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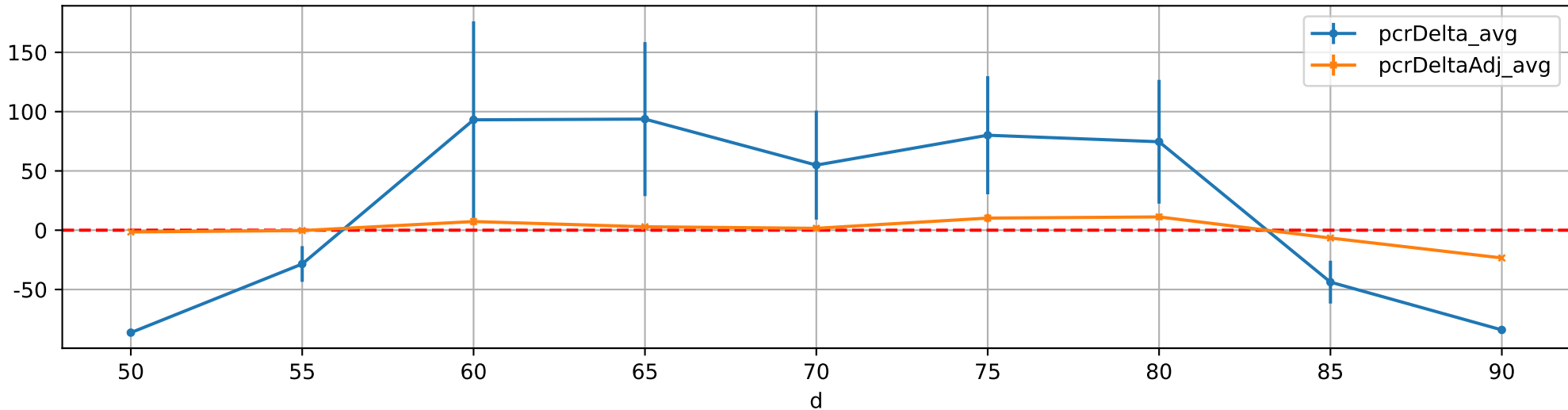


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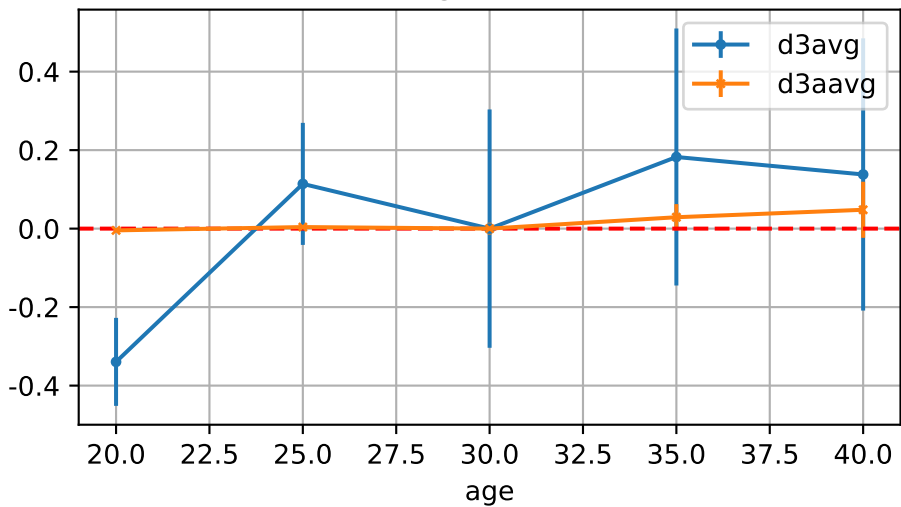
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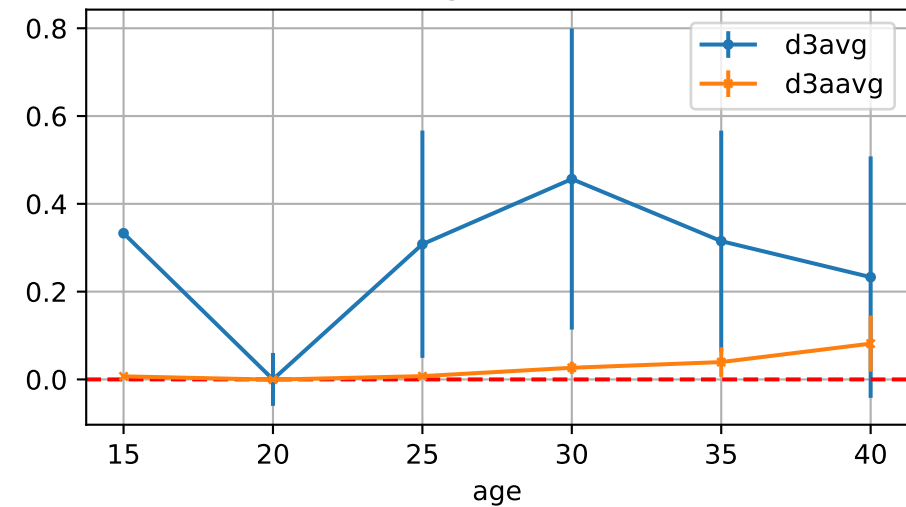
P10AE FrV: D_Ts_FrV



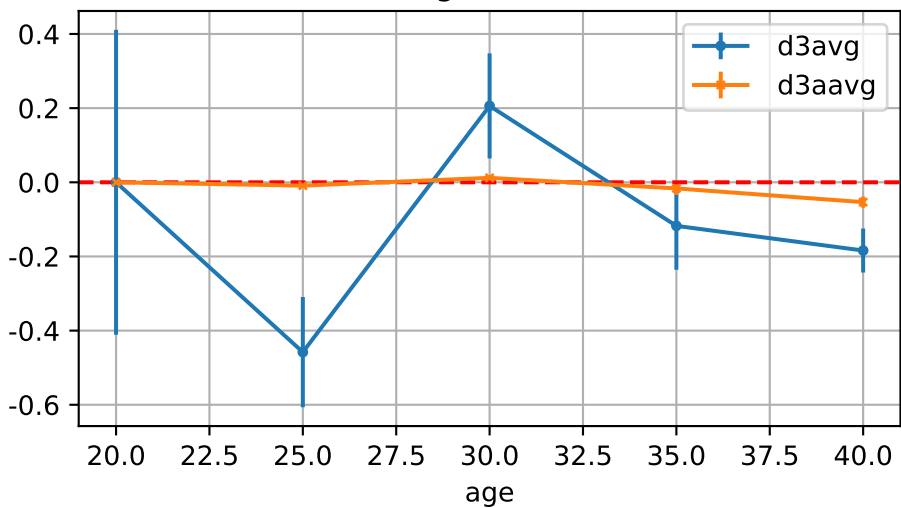
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organID=2

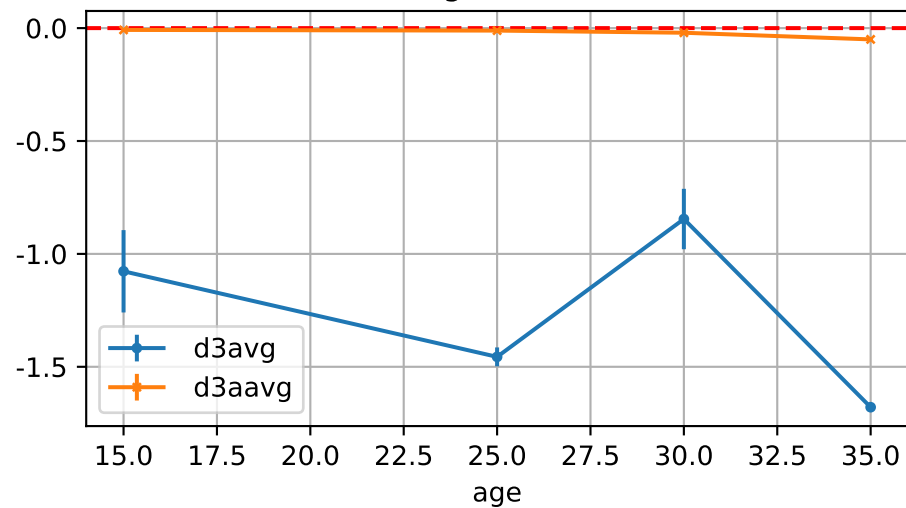


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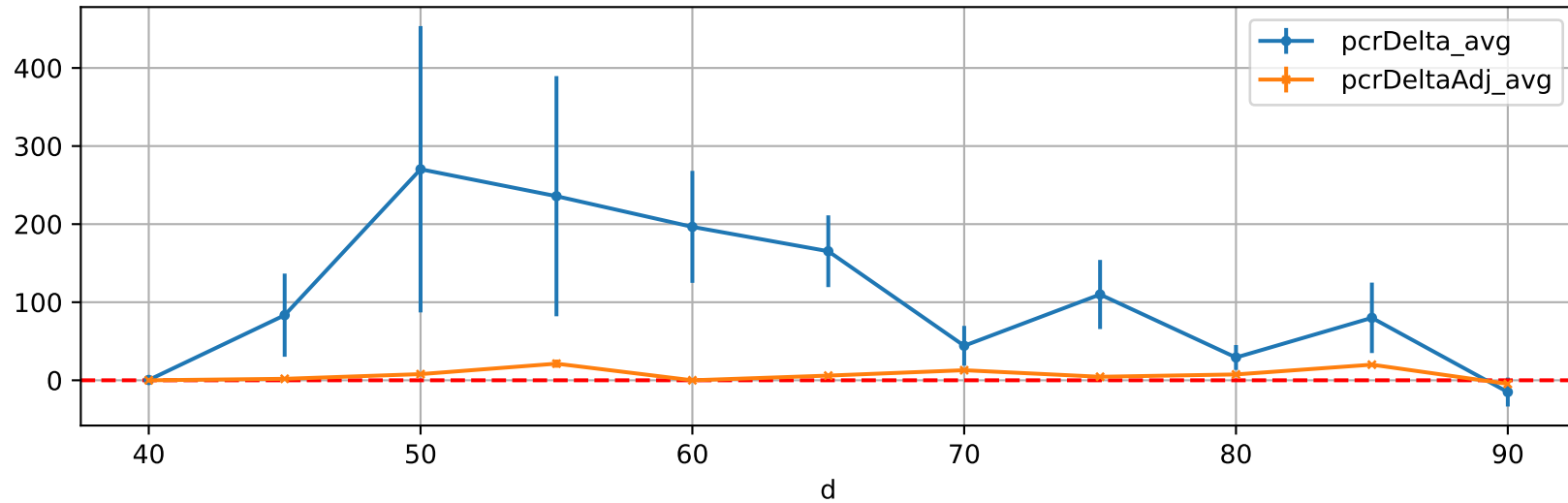


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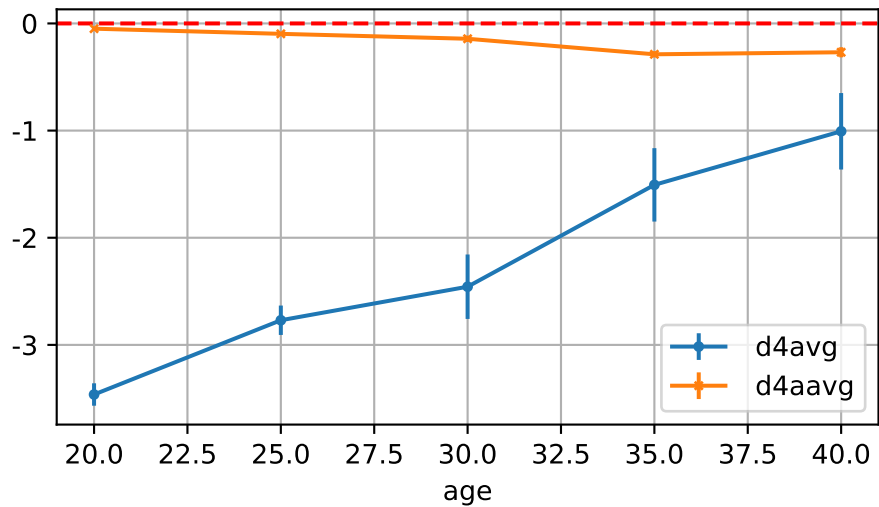
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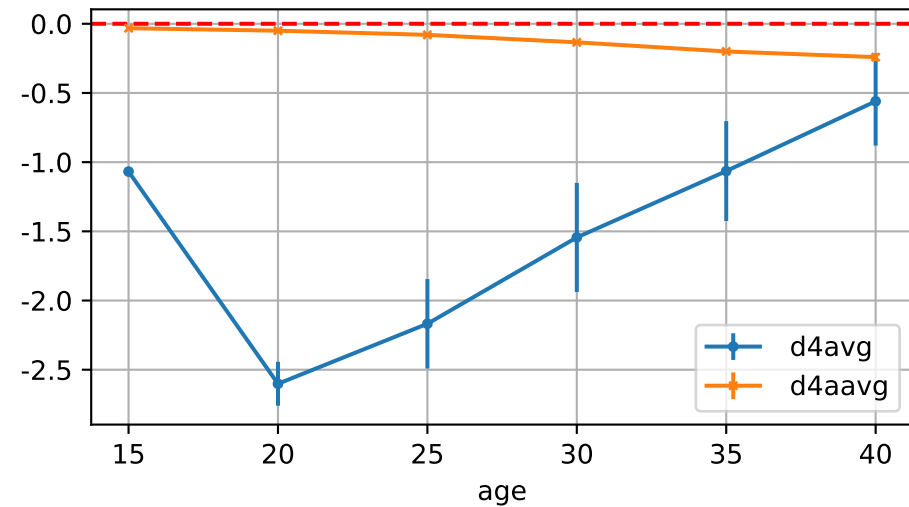
P10AE FrV: D_Q50_FrV



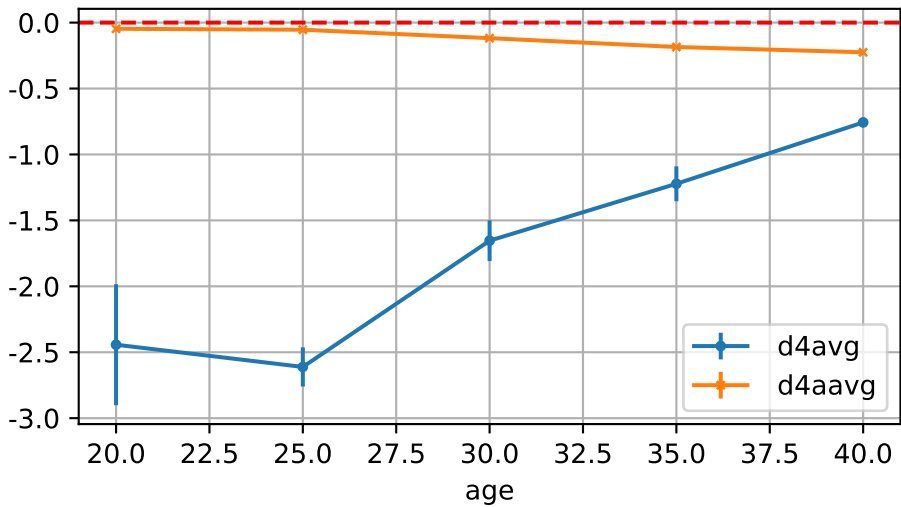
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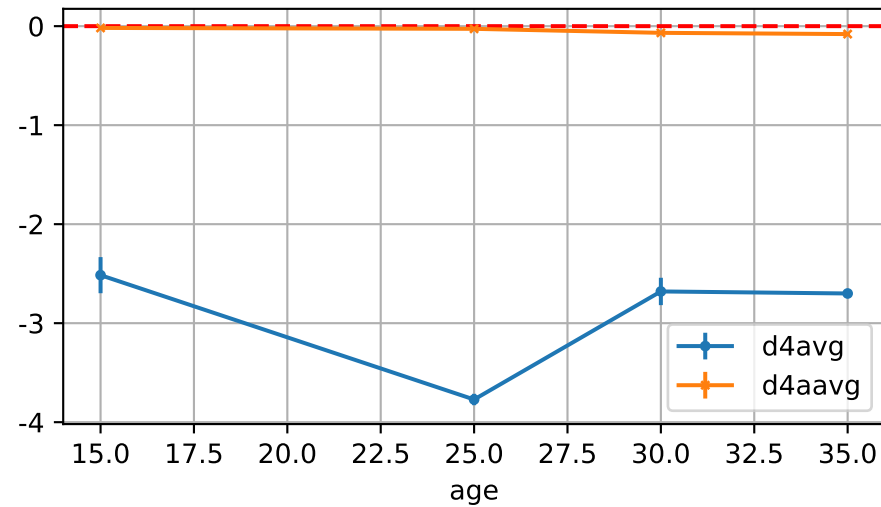


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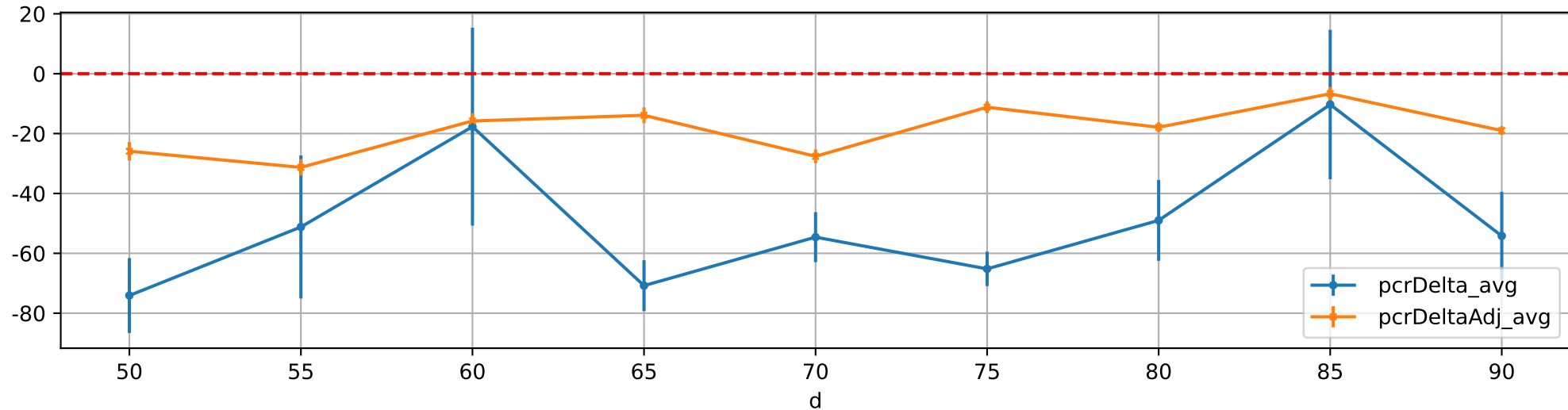


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organID=4



P10AE FrV: D_Est_FrV



P10AE FrV: sfDem

