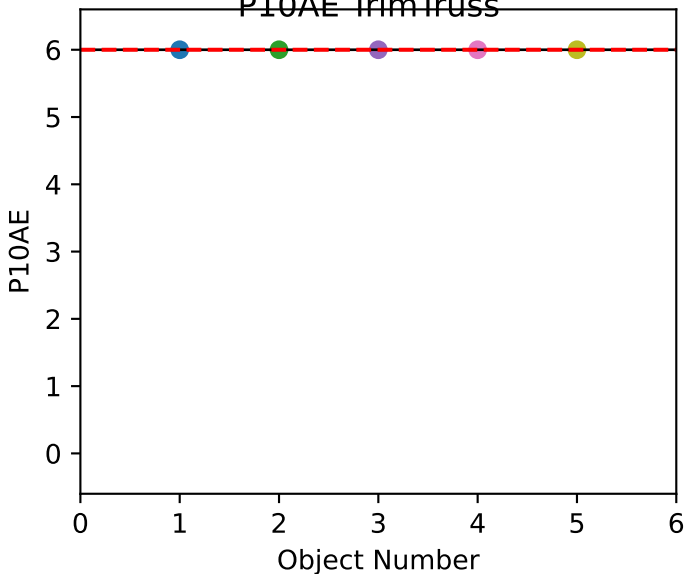


Phenotype Data Analysis Plots
PhenoData day range = 10 - 58
Analysis cutoff day = 58
NC11 P10
2025-05-29 (Day 59)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0 ~0% avg2=na

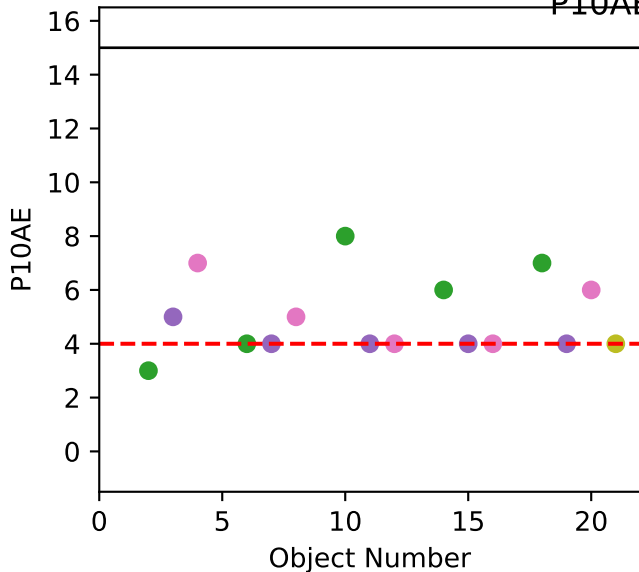
P10AE Trim Truss



FruitNumAvgPerTruss (Def=15 Set=4)

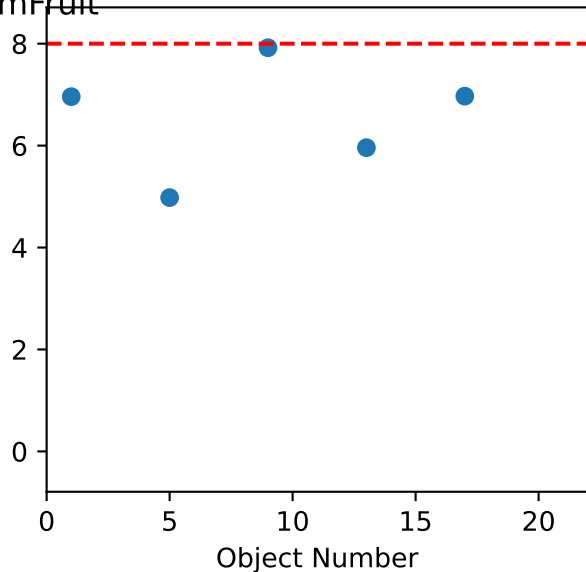
avg1=4.0~36% avg2=na

P10AE TrimFruit

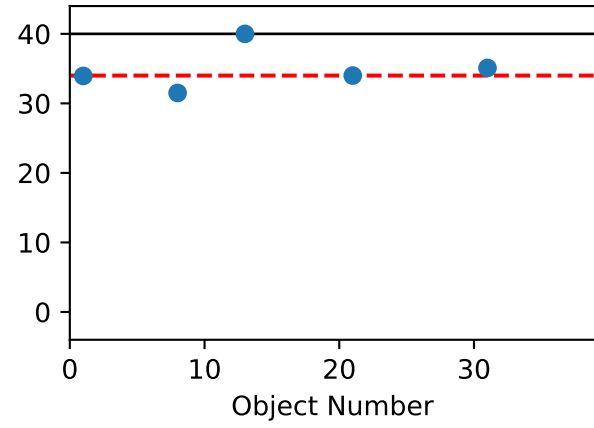


FruitNumMaxPerTruss (Def=na Set=8)

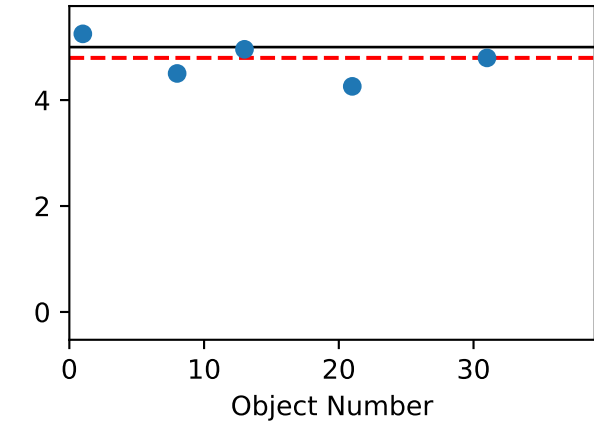
avg1=8.0~15% avg2=na



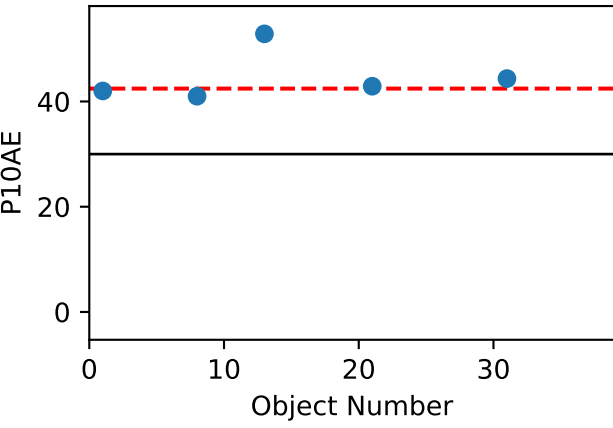
LfL_Q90AbsY (Def=40 Set=34.0)
avg1=34.0~2% avg2=na



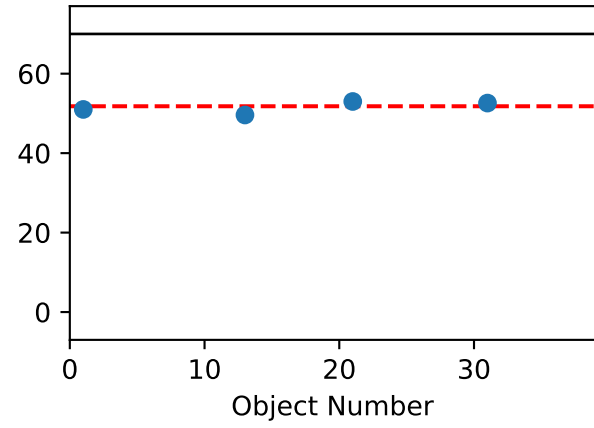
NdL_Q90AbsY (Def=5 Set=4.8)
avg1=4.8~8% avg2=na



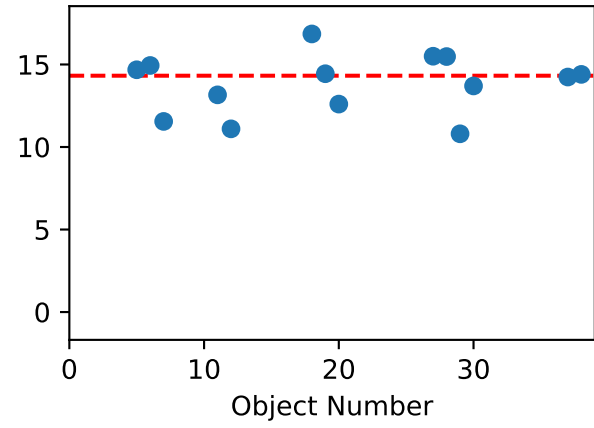
LfW_Q90AbsY (Def=30 Set=42.45)
avg1=42.45~3% avg2=na



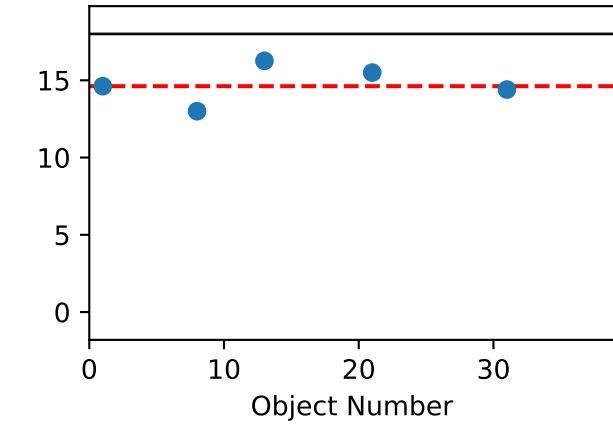
FrD_Q90AbsY (Def=70 Set=51.8)
avg1=51.8~3% avg2=na



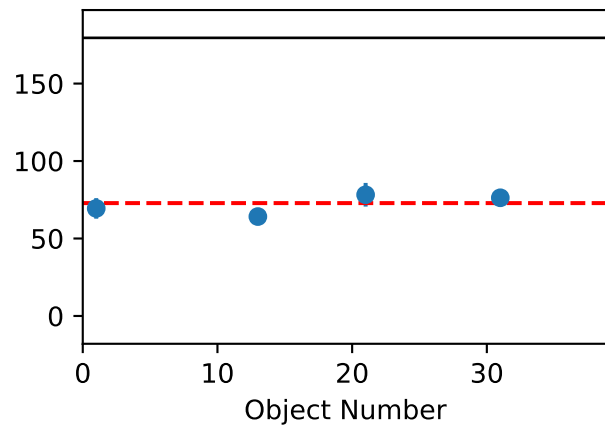
NdD_avgAbsY (Def=na Set=14.32)
avg1=14.32~12% avg2=na



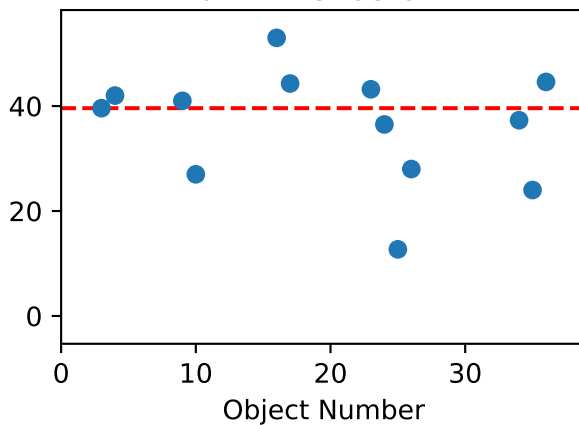
NdD_Q90AbsY (Def=18 Set=14.62)
avg1=14.62~8% avg2=na



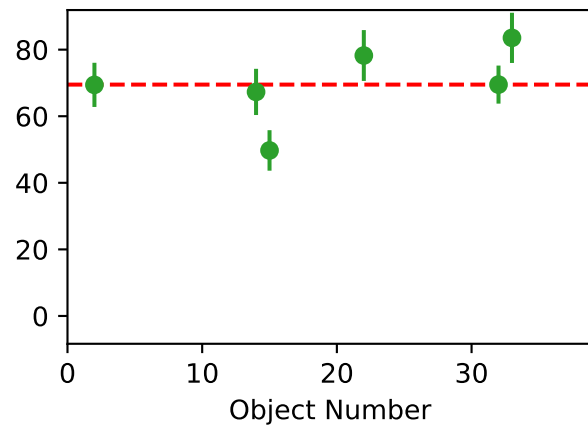
FrV_Q90AbsY (Def=179.5 Set=179.5)
avg1=72.85~9% avg2=na



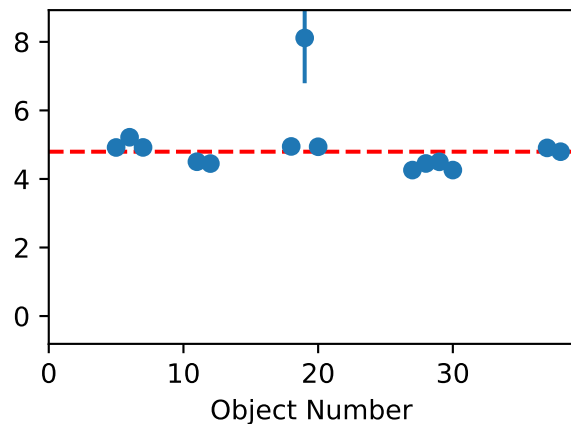
LfW_avgAbsY (Def=na Set=39.6)
avg1=39.6~27% avg2=na



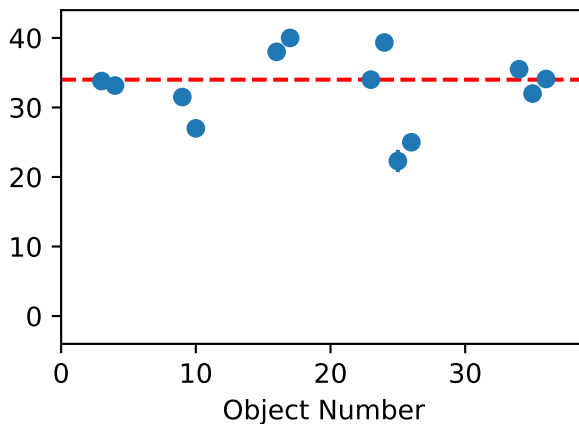
FrV_avgAbsY (Def=na Set=69.5)
avg1=69.5~10% avg2=na



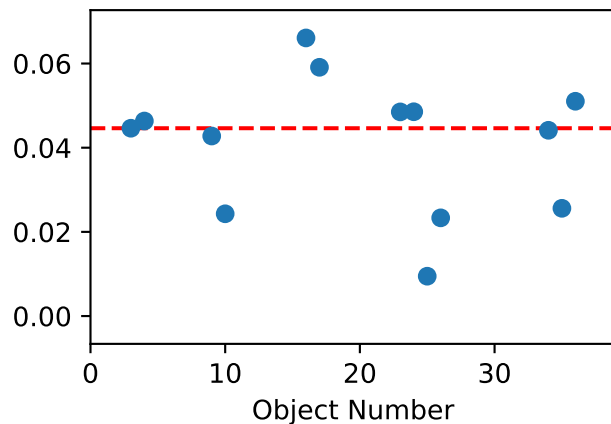
NdL_avgAbsY (Def=na Set=4.8)
avg1=4.8~6% avg2=na



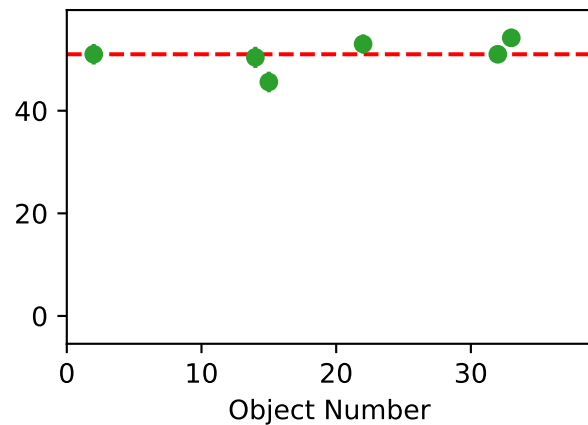
LfL_avgAbsY (Def=na Set=34.0)
avg1=34.0~11% avg2=na



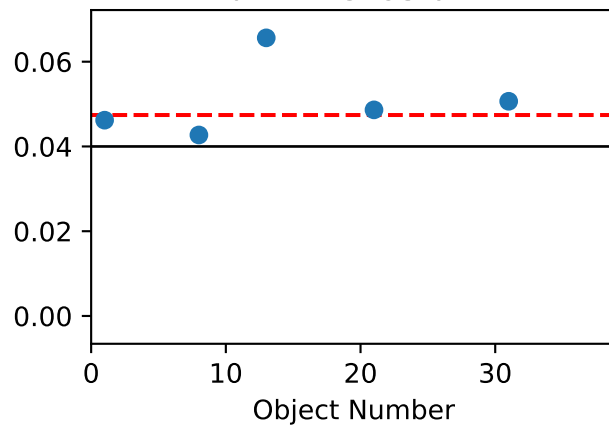
LfA_avgAbsY (Def=na Set=0.04)
avg1=0.04~36% avg2=na



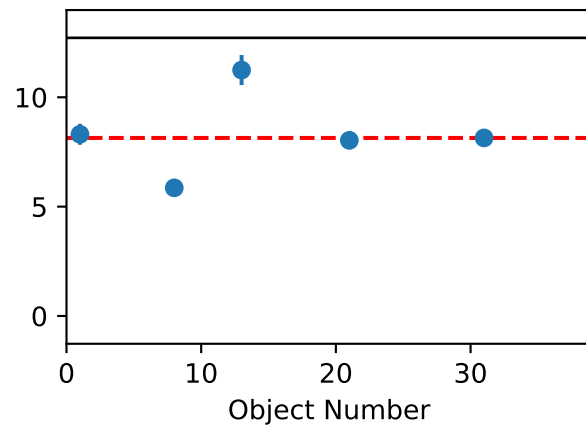
FrD_avgAbsY (Def=na Set=51.0)
avg1=51.0~3% avg2=na



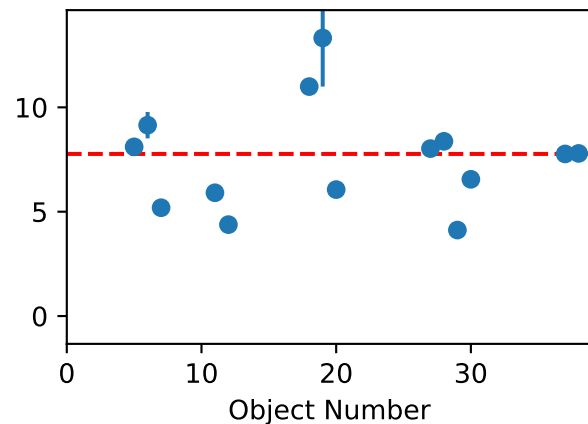
LfA_Q90AbsY (Def=0.04 Set=0.04)
avg1=0.04~7% avg2=na



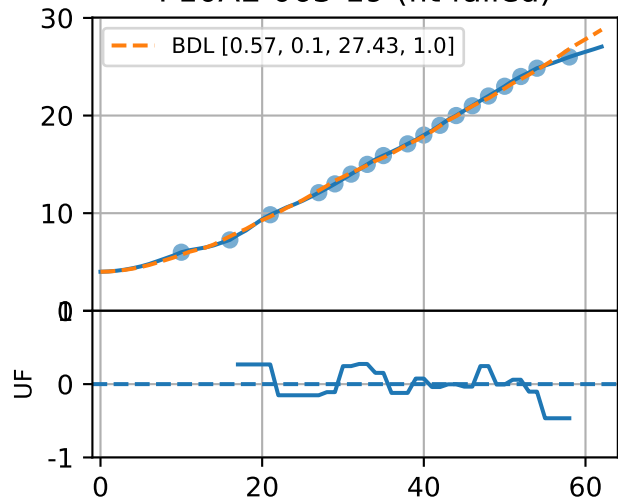
NdV_Q90AbsY (Def=12.72 Set=7.88)
avg1=8.14~2% avg2=na



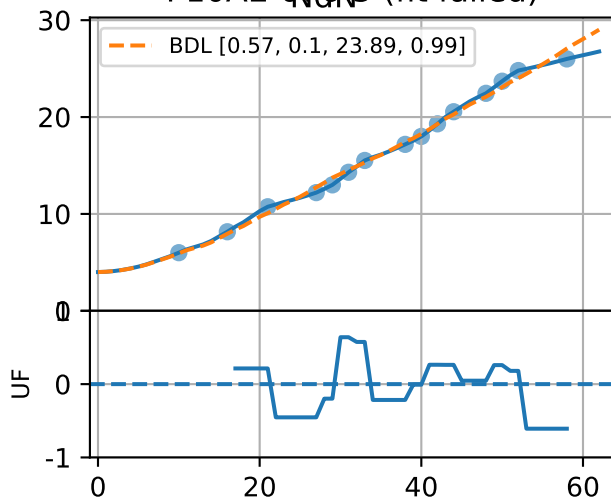
NdV_avgAbsY (Def=na Set=7.77)
avg1=7.77~25% avg2=na



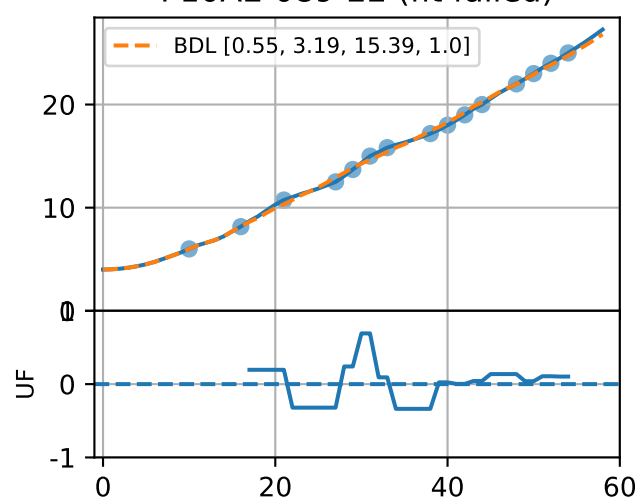
P10AE-063-19 (fit failed)



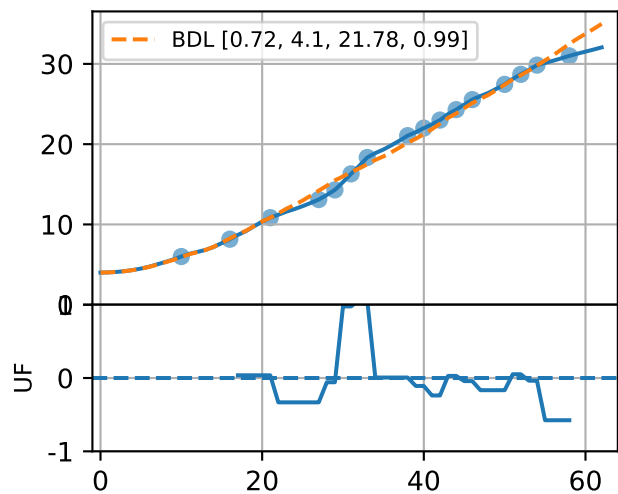
P10AE-076-15 (fit failed)



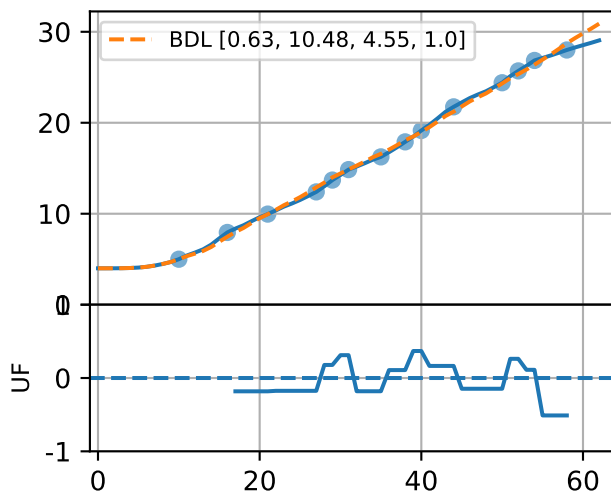
P10AE-089-22 (fit failed)



P10AE-103-17 (fit failed)

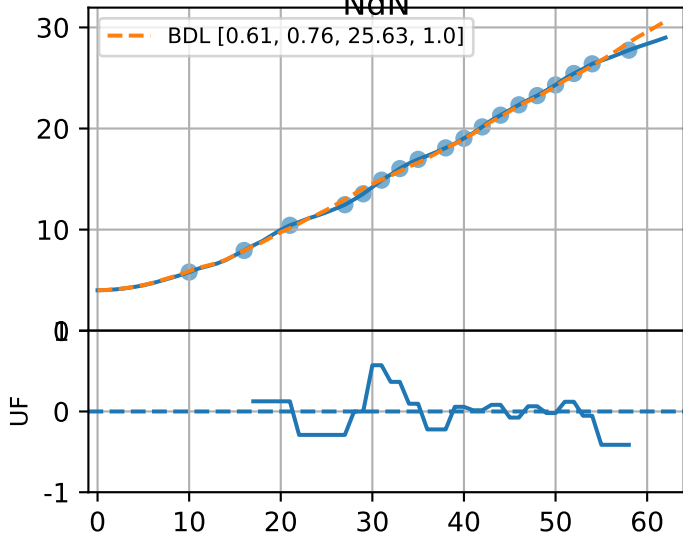


P10AE-116-21 (fit failed)

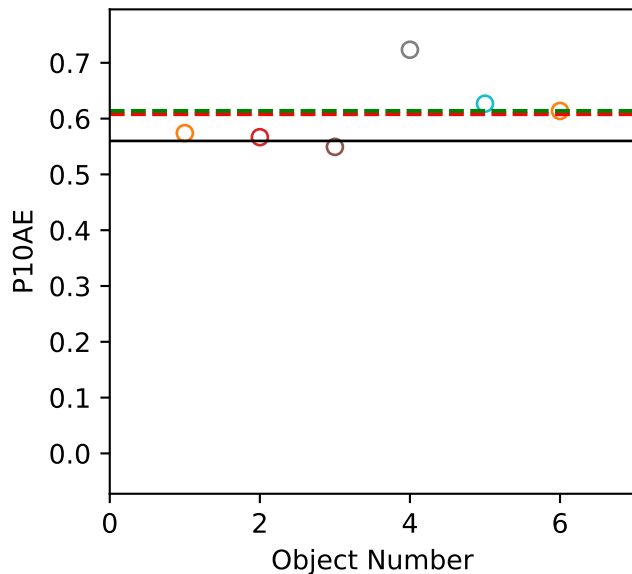


P10AEavg (fit failed)

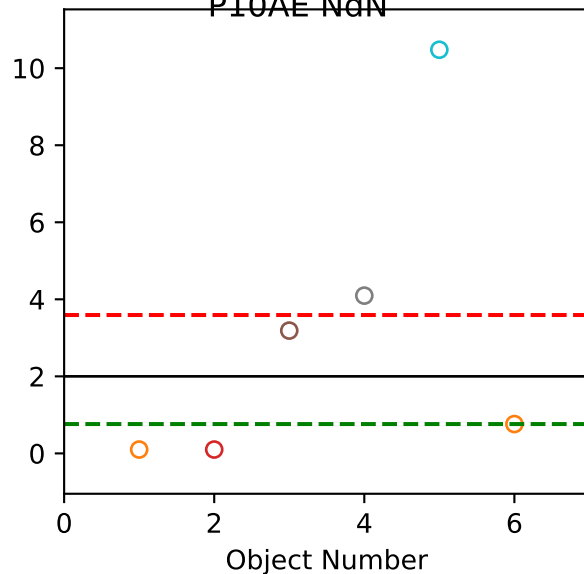
NaN



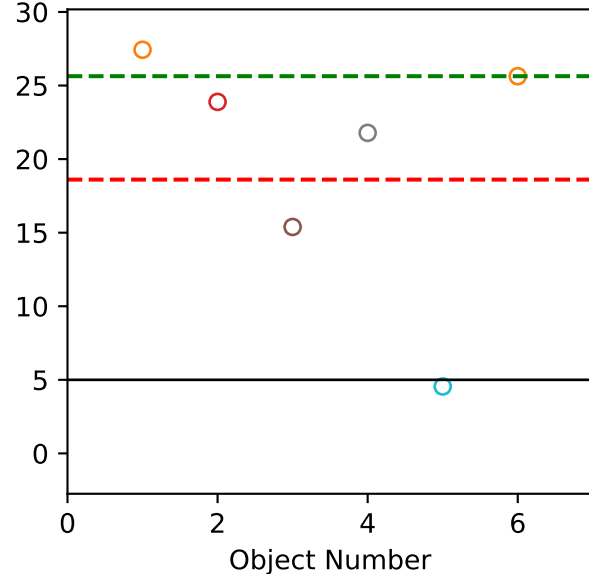
a (Def=0.56 Set=0.61)
avg1=0.61(fail) avg2=0.61



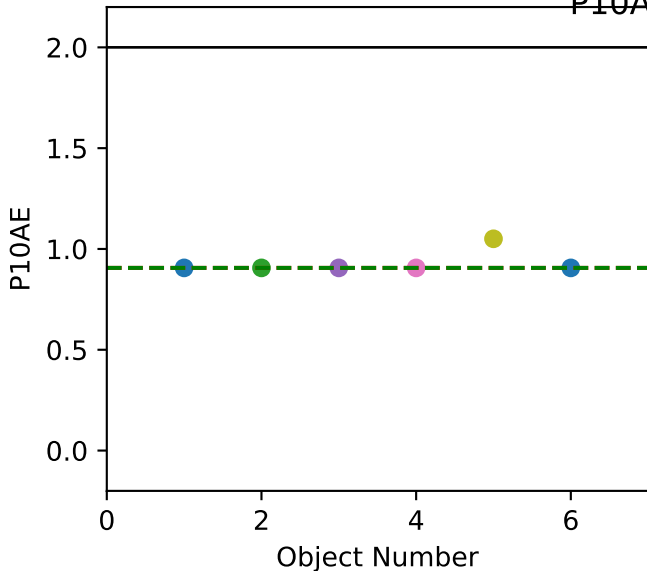
dm (Def=2 Set=0.76)
avg1=3.59(fail) avg2=0.76



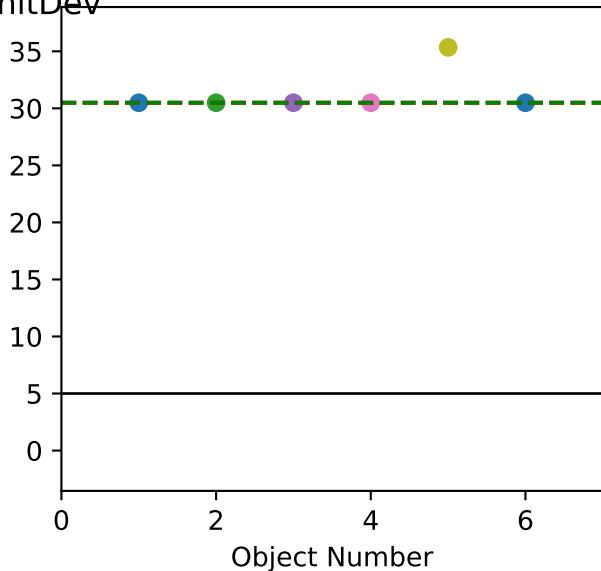
de (Def=5 Set=25.63)
avg1=18.61(fail) avg2=25.63



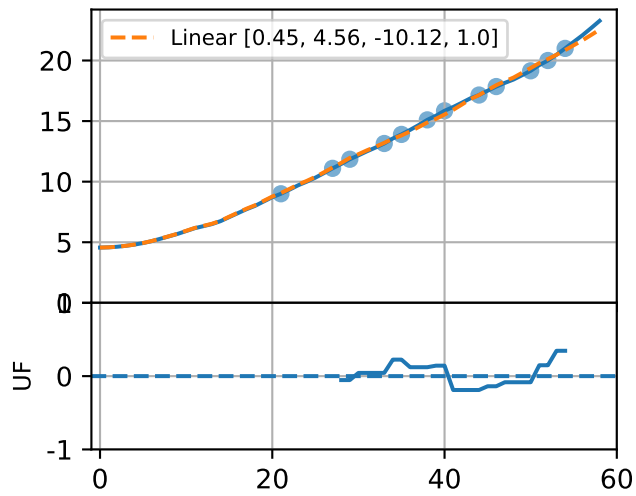
InitDev_dm (Def=2 Set=0.91)
avg1=0.91~0% avg2=0.91



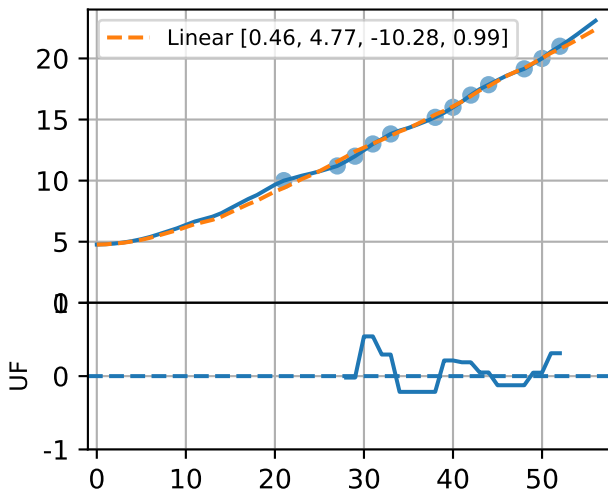
InitDev_de (Def=5 Set=30.49)
avg1=30.49~0% avg2=30.49



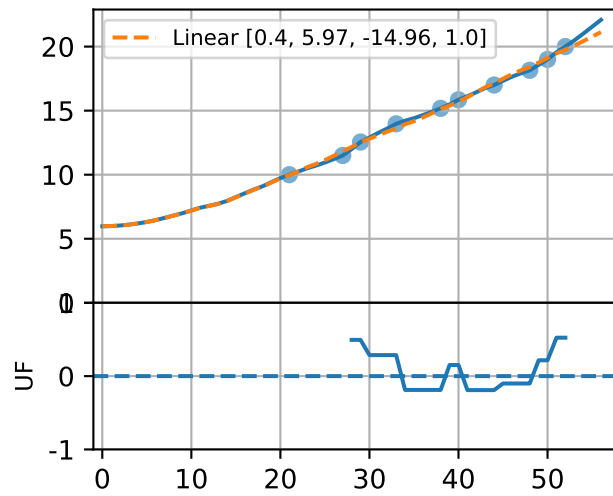
P10AE-063-19



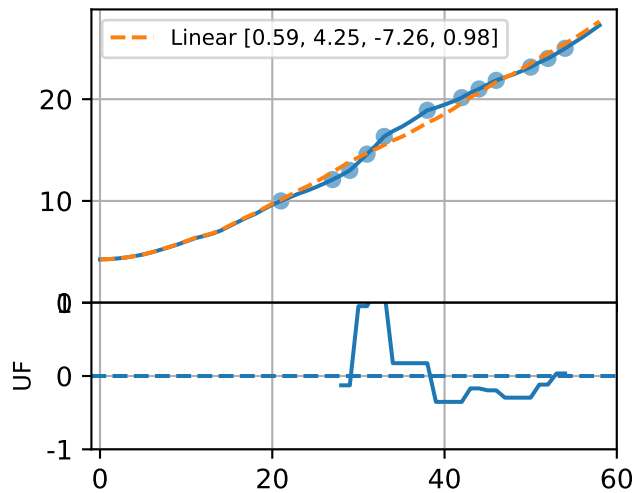
P10AE-076-5



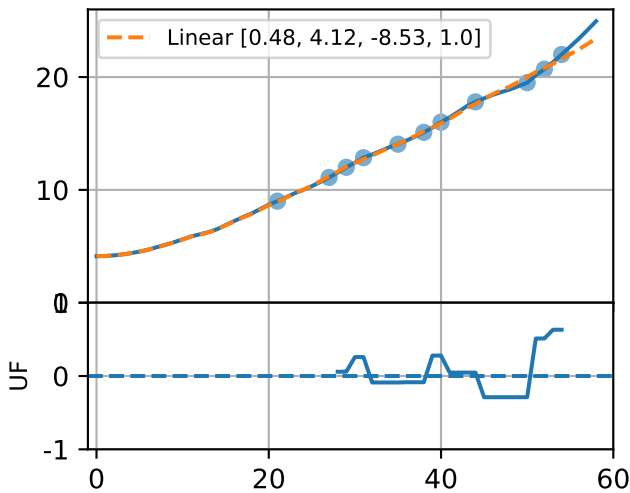
P10AE-089-22



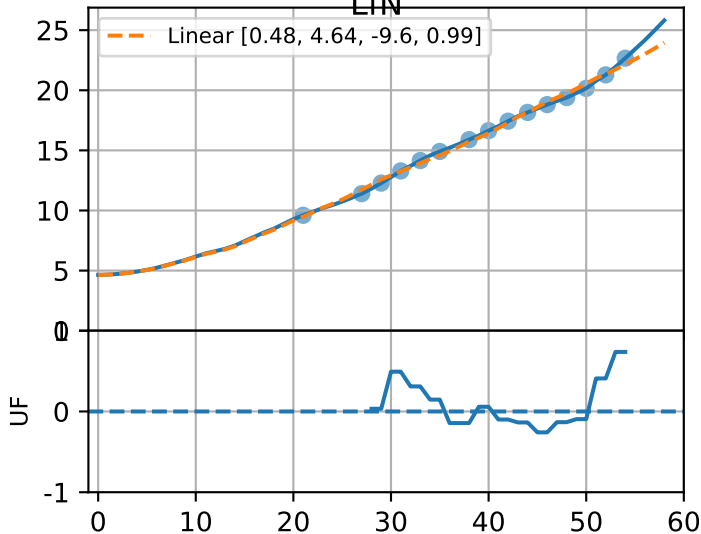
P10AE-103-17



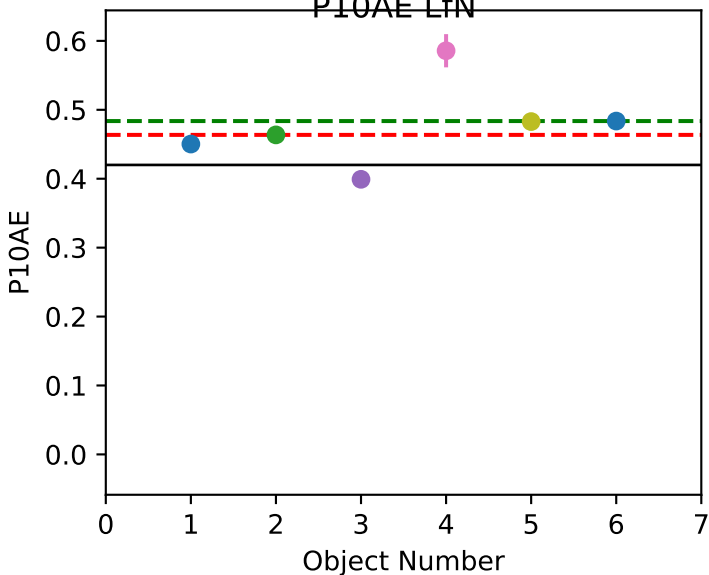
P10AE-116-21



P10AEavg
Lfn

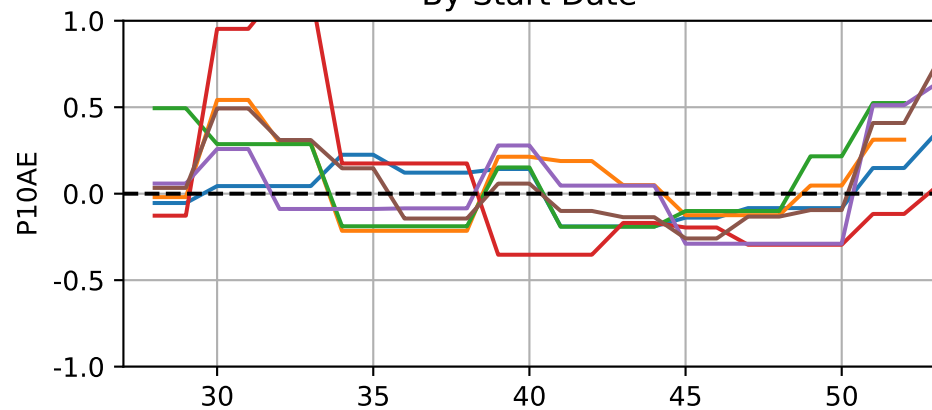


a (Def=0.42 Set=0.48)
avg1=0.46~4% avg2=0.48~4%

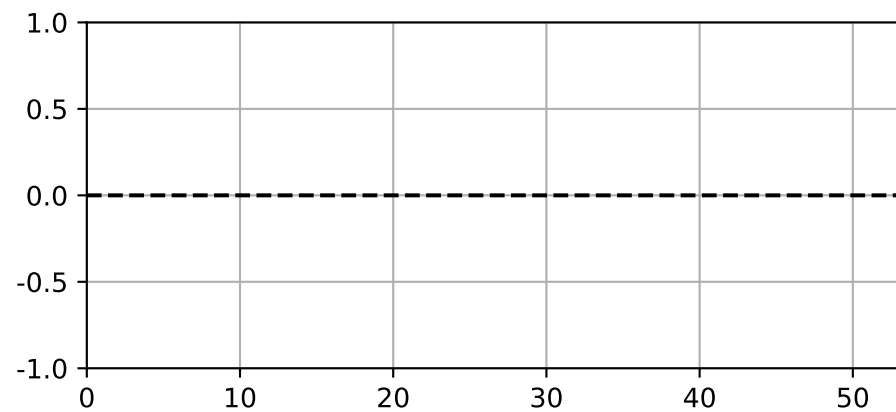
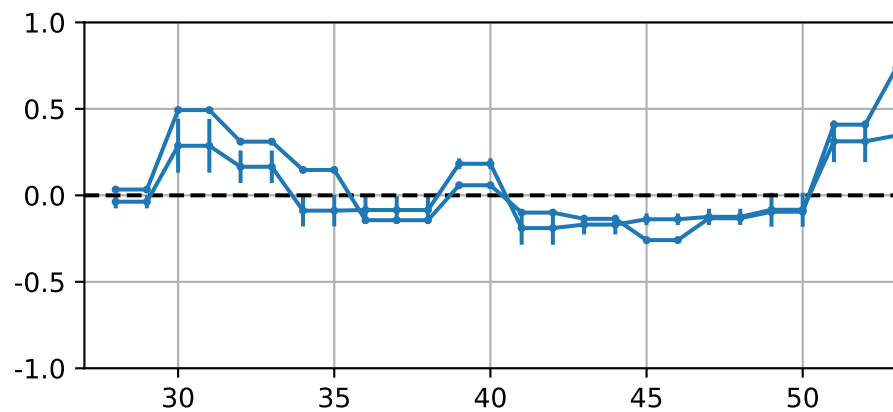
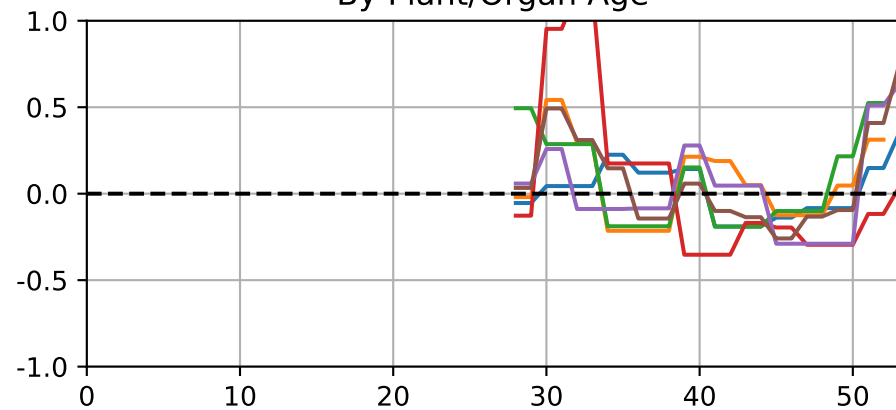


LfN

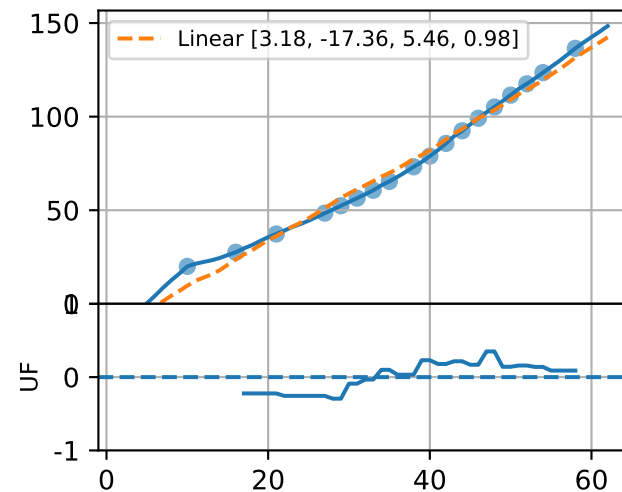
By Start Date



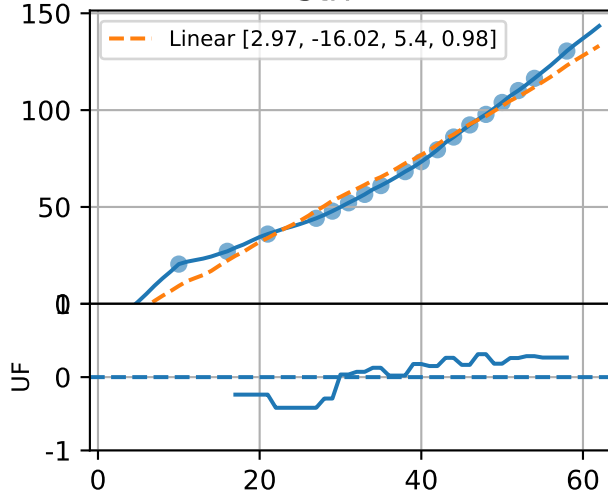
By Plant/Organ Age



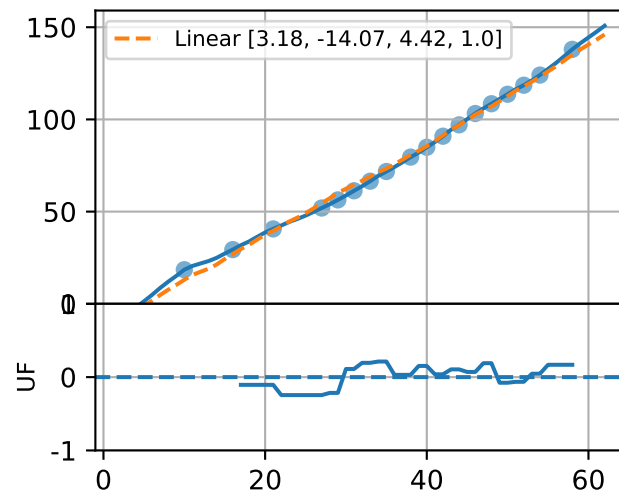
P10AE-063-19



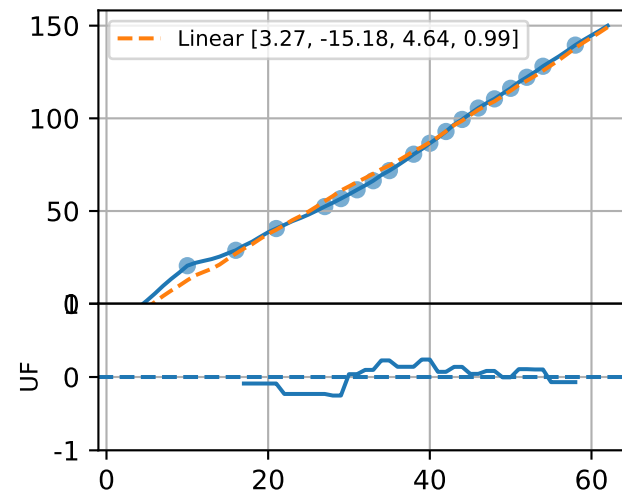
P10AE-076-5



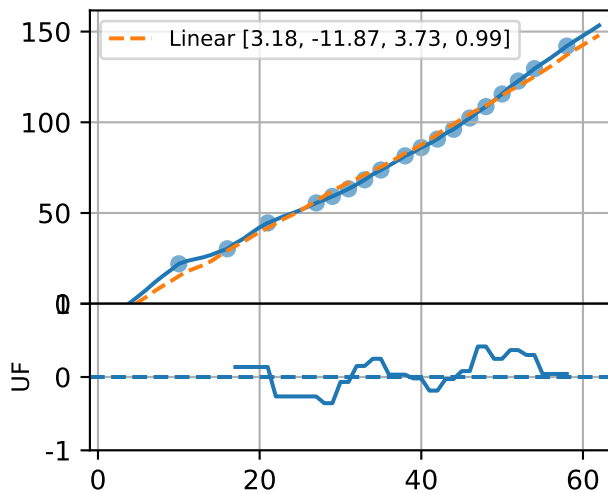
P10AE-089-22

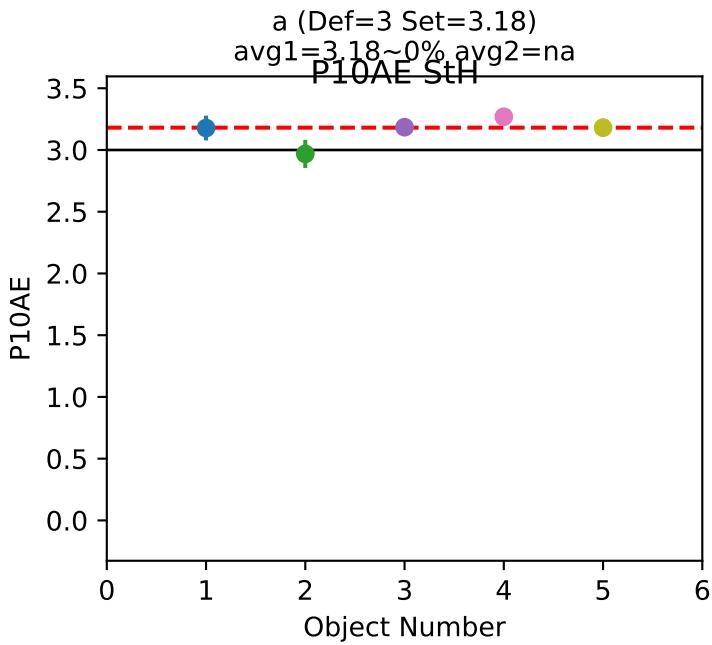


P10AE-103-17



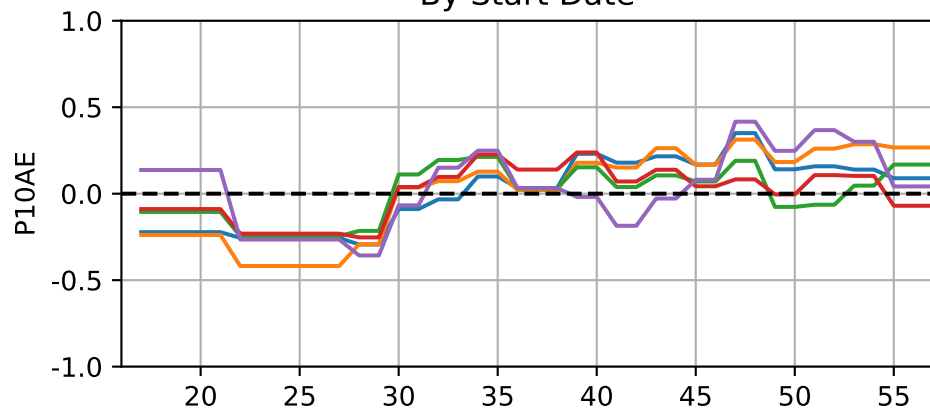
P10AE-116-21



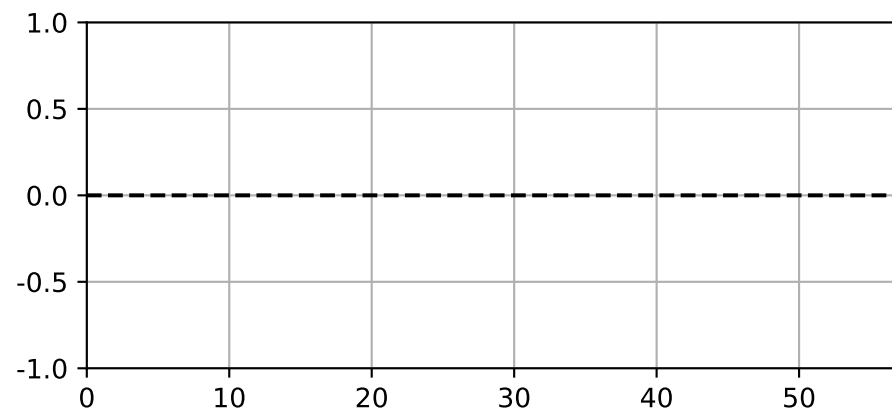
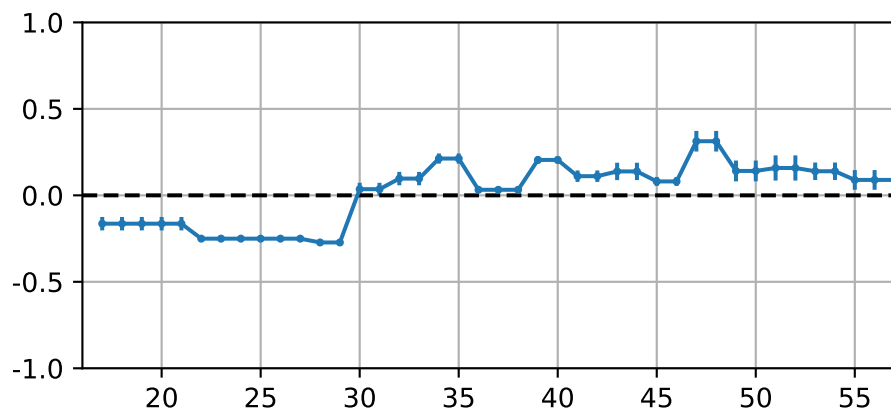
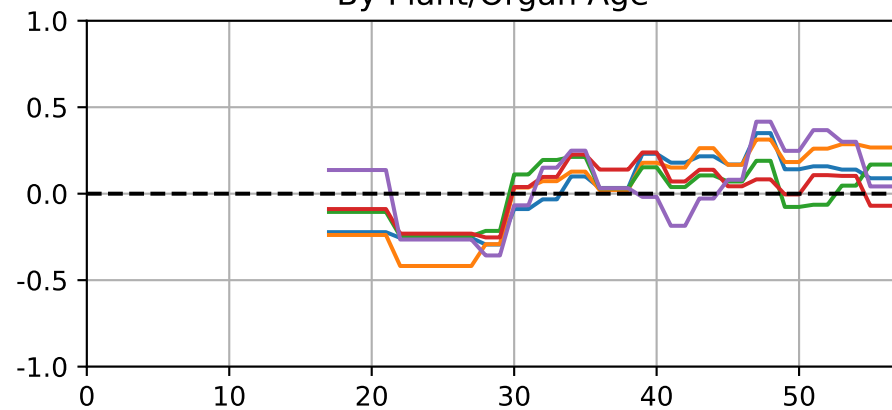


StH

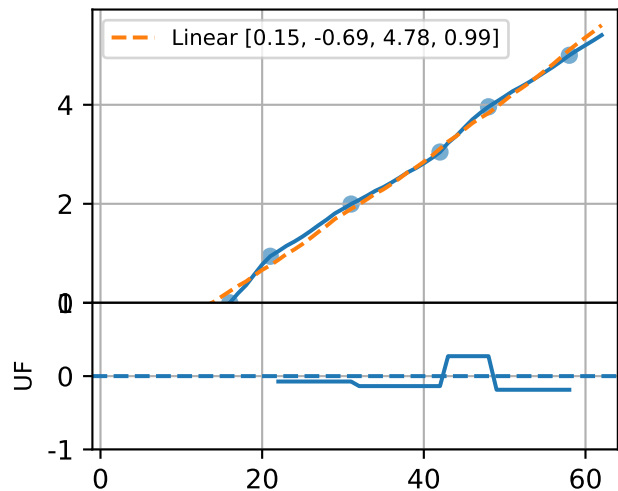
By Start Date



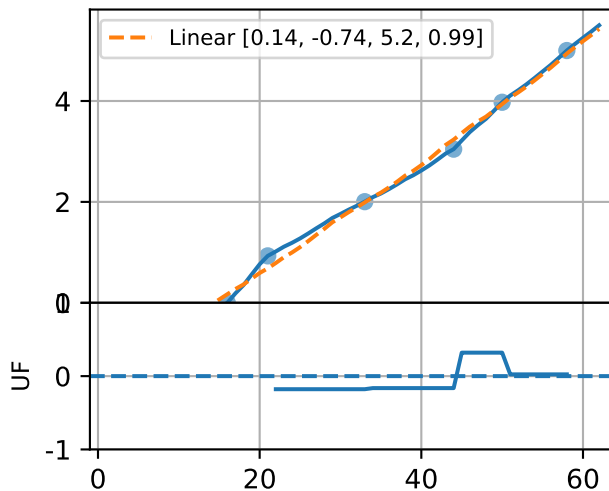
By Plant/Organ Age



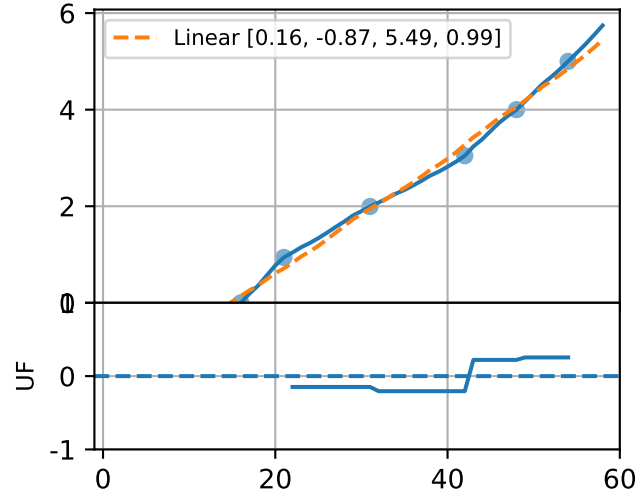
P10AE-063-19



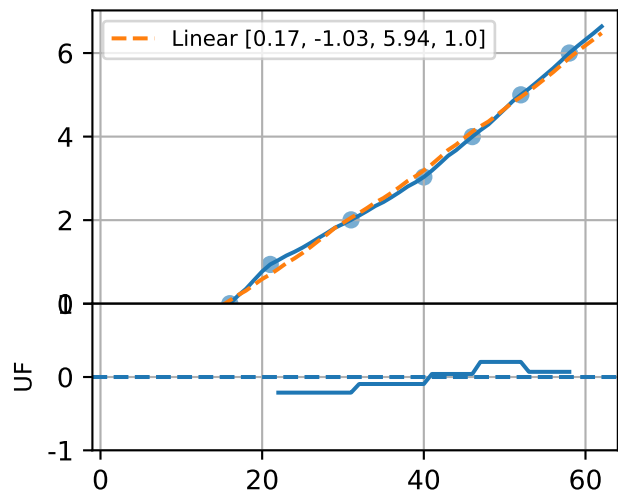
P10AE-076-5



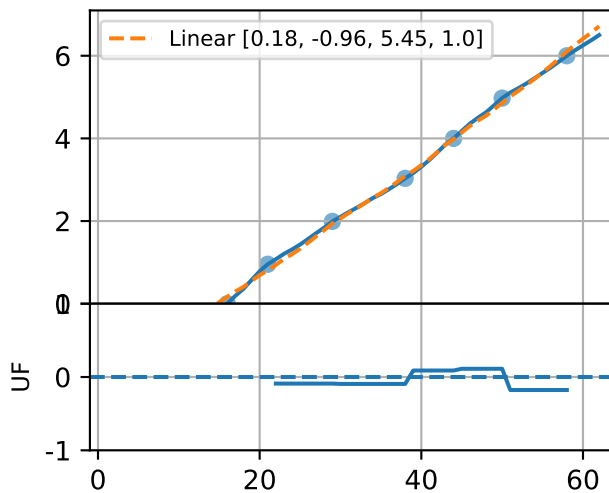
P10AE-089-22



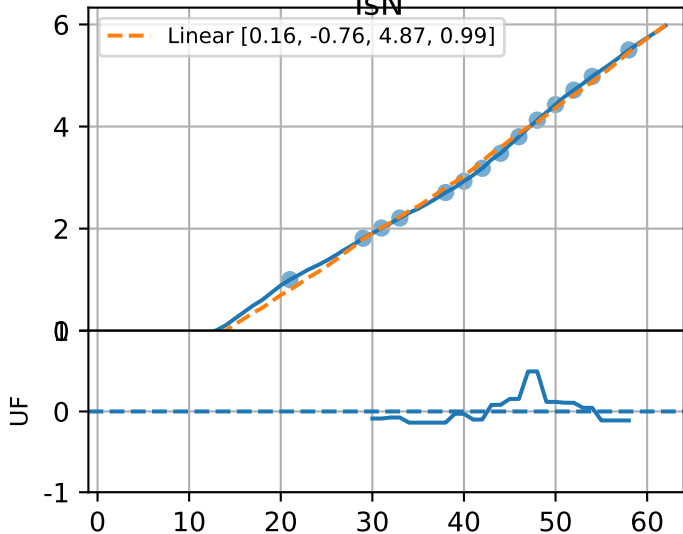
P10AE-103-17



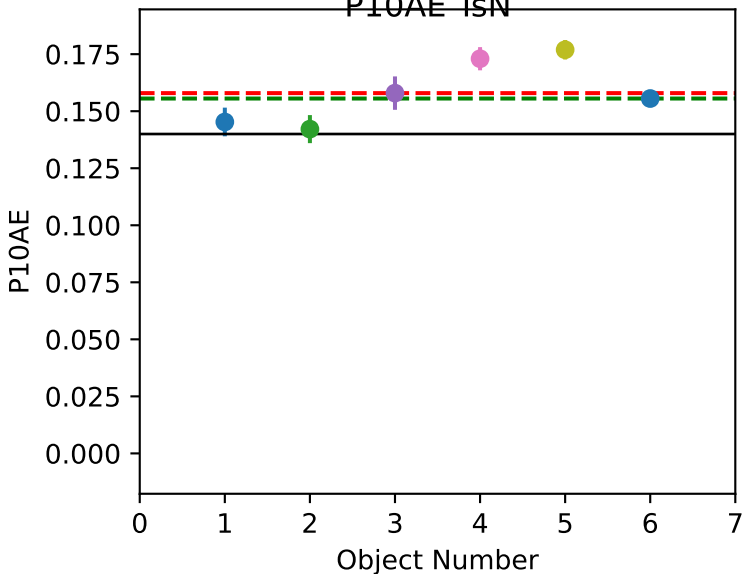
P10AE-116-21



P10AEavg
TSN

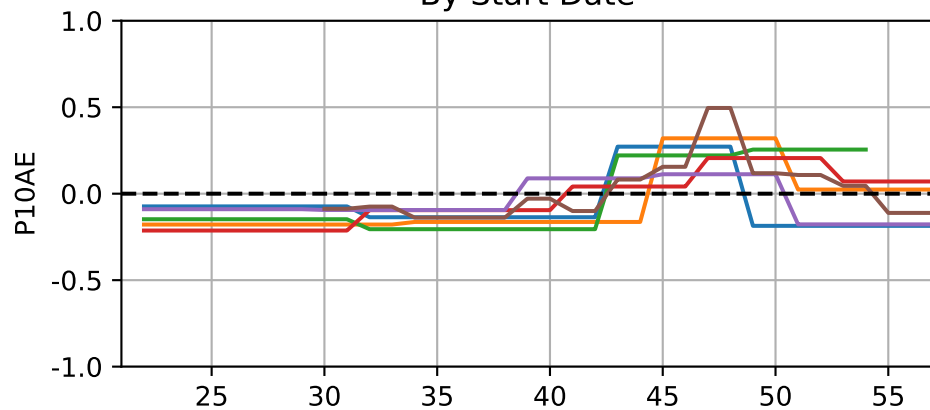


a (Def=0.14 Set=0.16)
avg1=0.16~10% avg2=0.16~5%
P10AE TSN

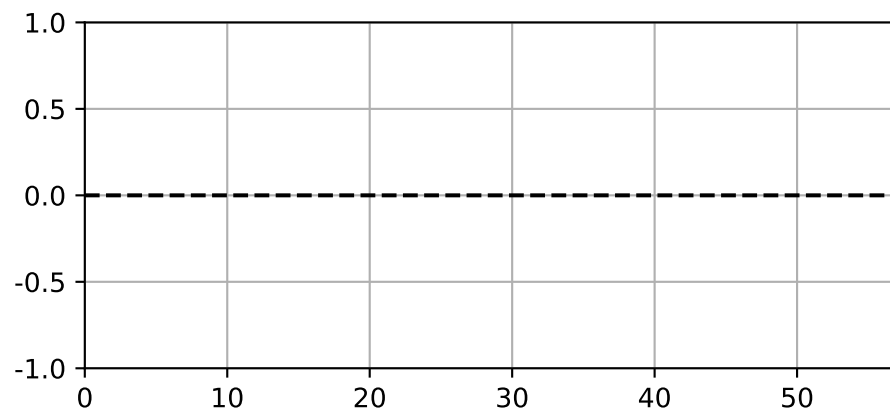
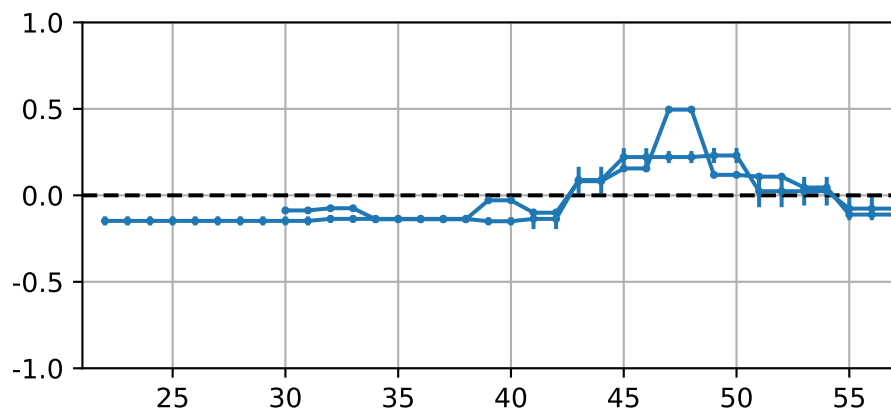
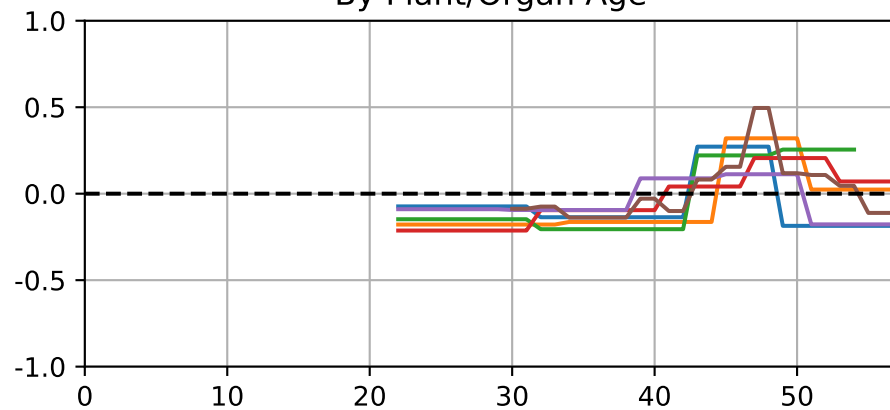


TsN

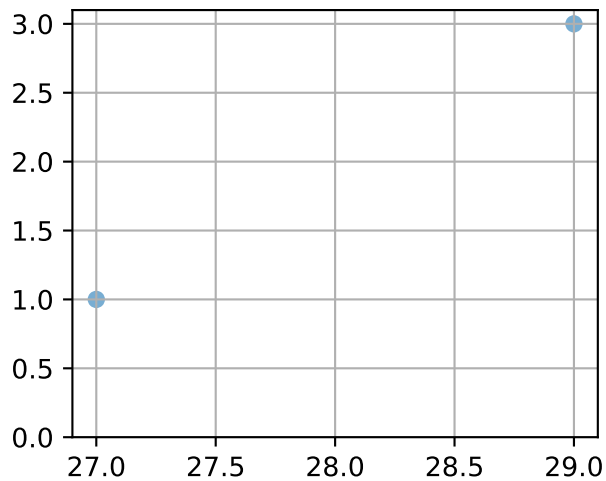
By Start Date



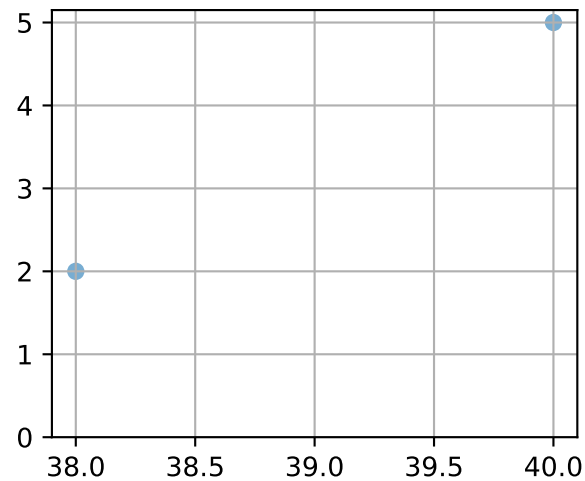
By Plant/Organ Age



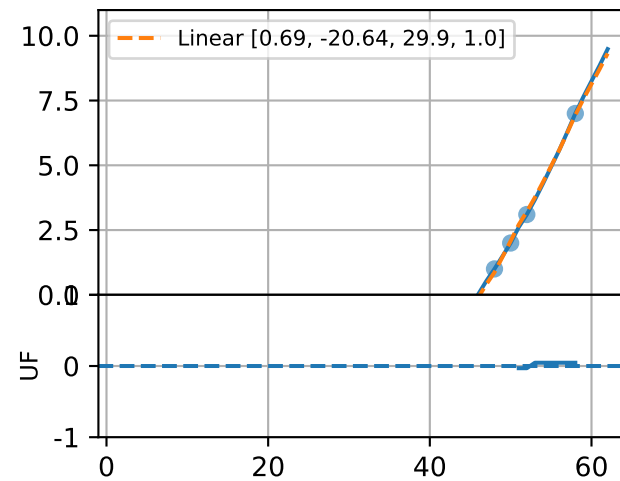
P10AE-063-19T1 (fit failed)



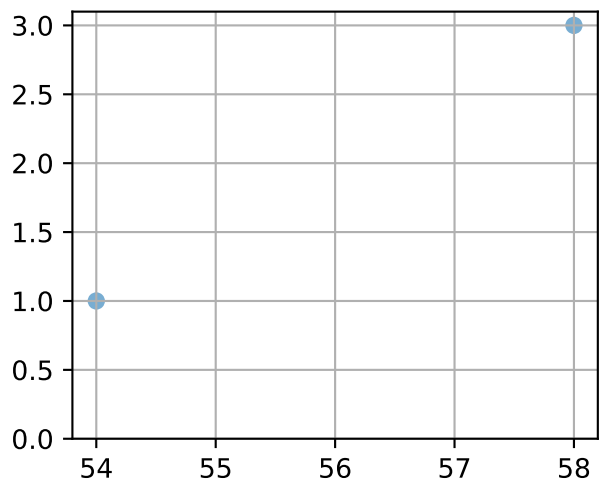
P10AE-063-19T2 (fit failed)



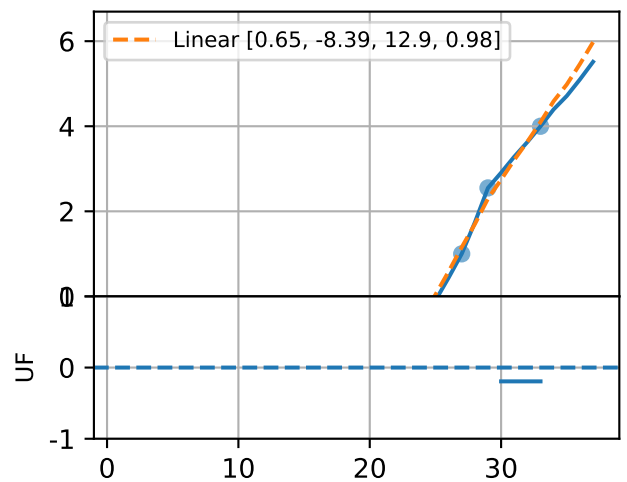
P10AE-063-19T3



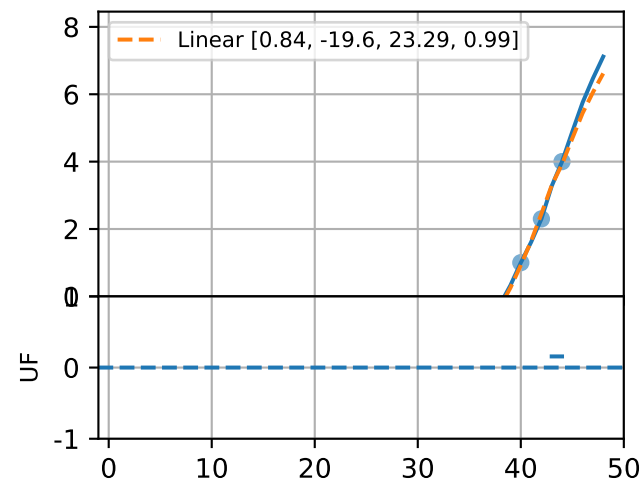
P10AE-063-19T4 (fit failed)



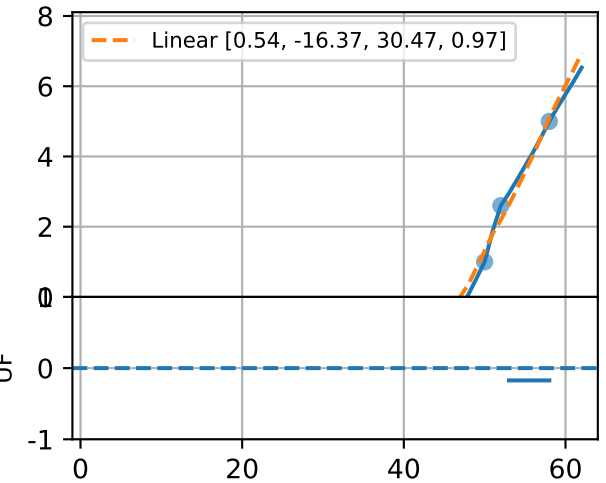
P10AE-076-5T1



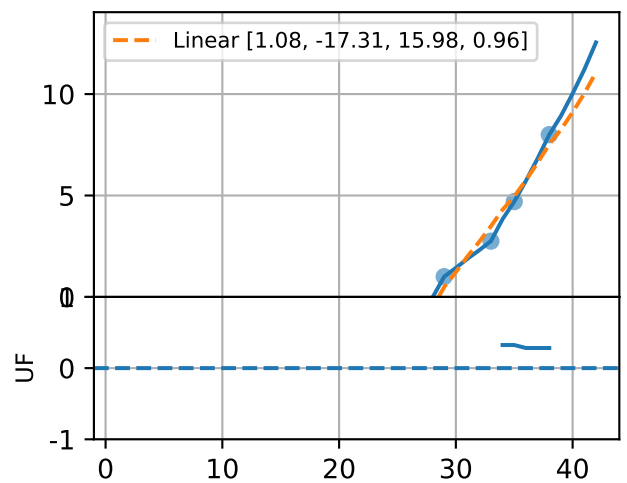
P10AE-076-5T2



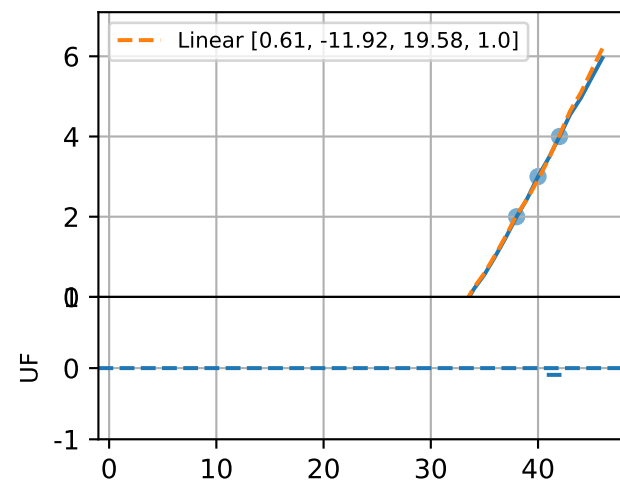
P10AE-076-5T3



P10AE-089-22T1

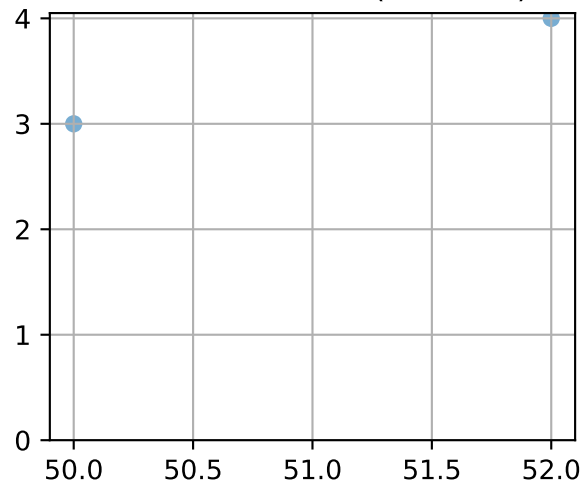


P10AE-089-22T2

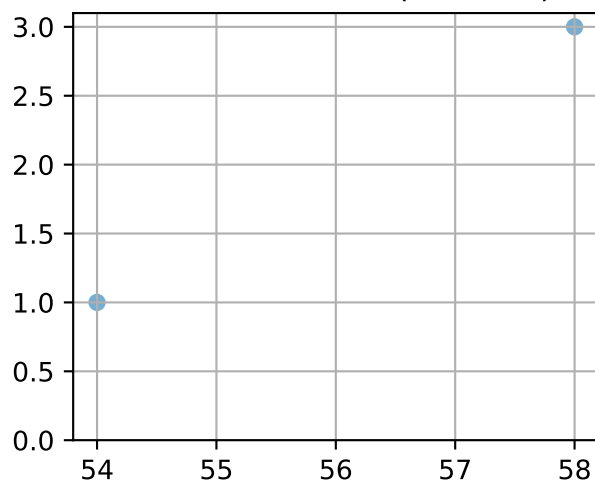


FrN

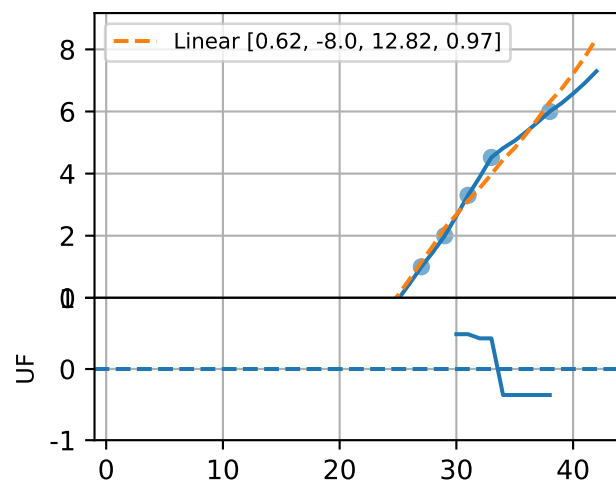
P10AE-089-22T3 (fit failed)



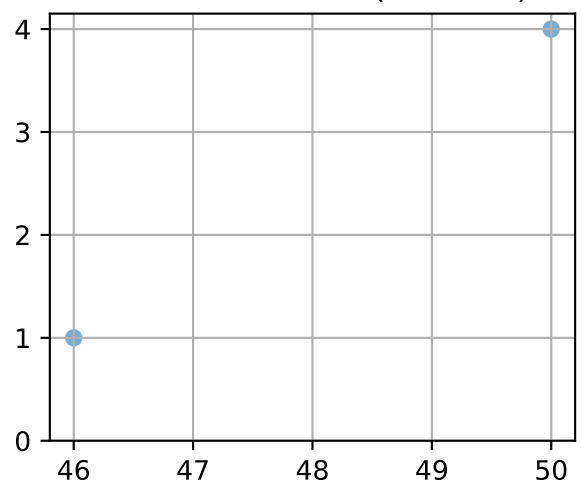
P10AE-089-22T4 (fit failed)



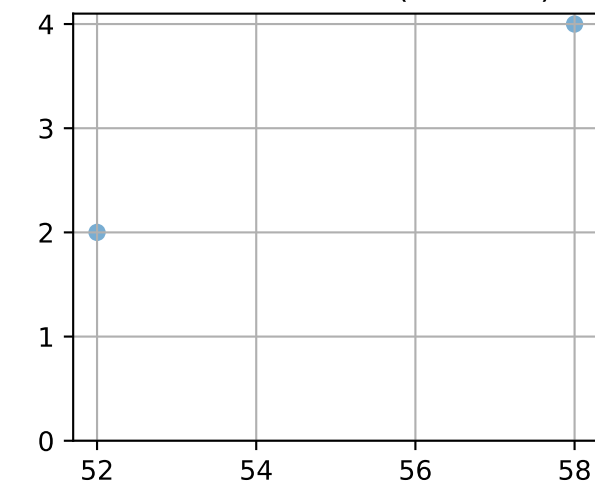
P10AE-103-17T1



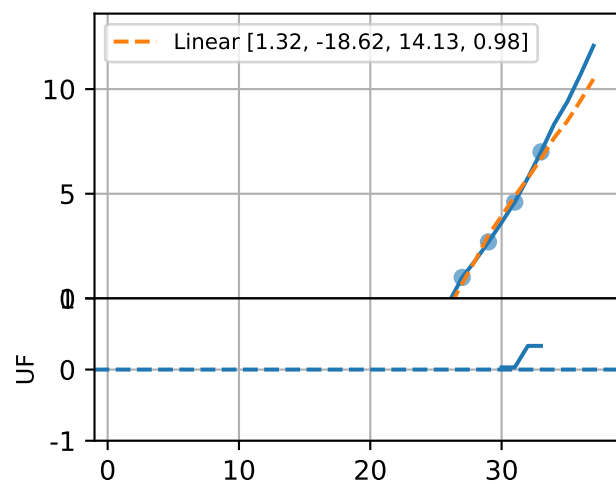
P10AE-103-17T3 (fit failed)



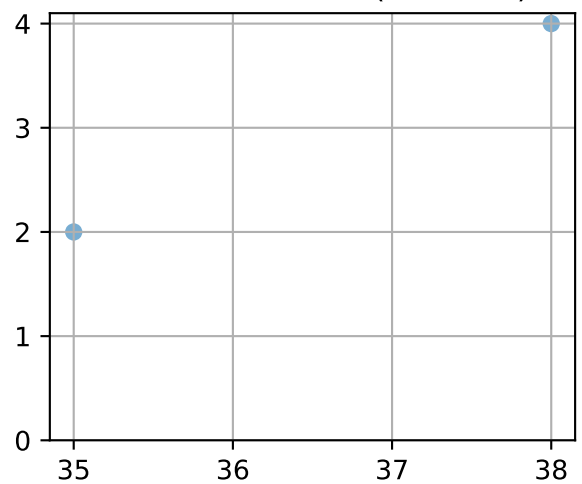
P10AE-103-17T4 (fit failed)



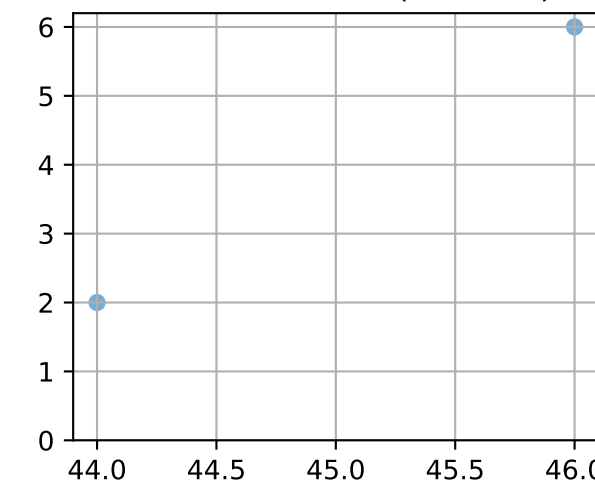
P10AE-116-21T1



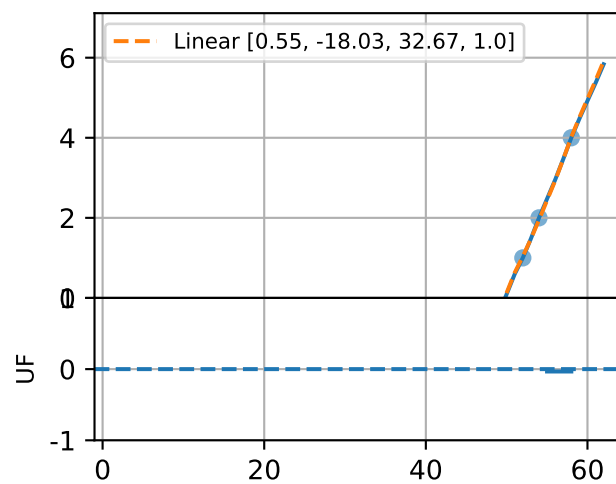
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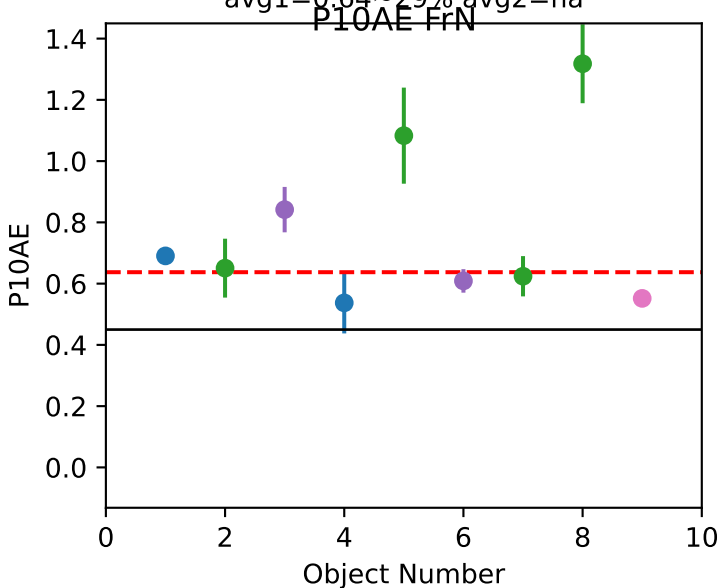
P10AE-116-21T3 (fit failed)



P10AE-116-21T4

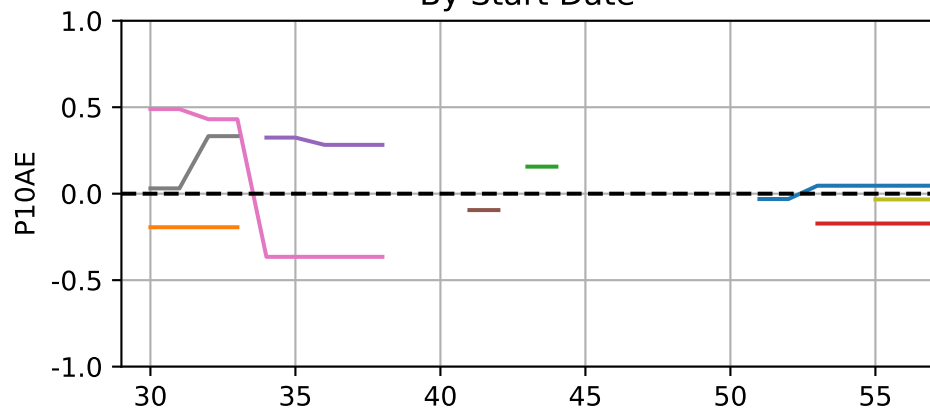


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avg1=0.64~29% avg2=na

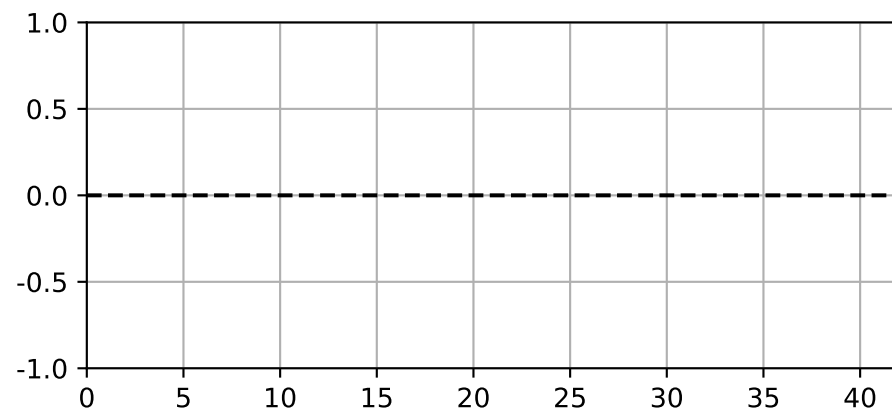
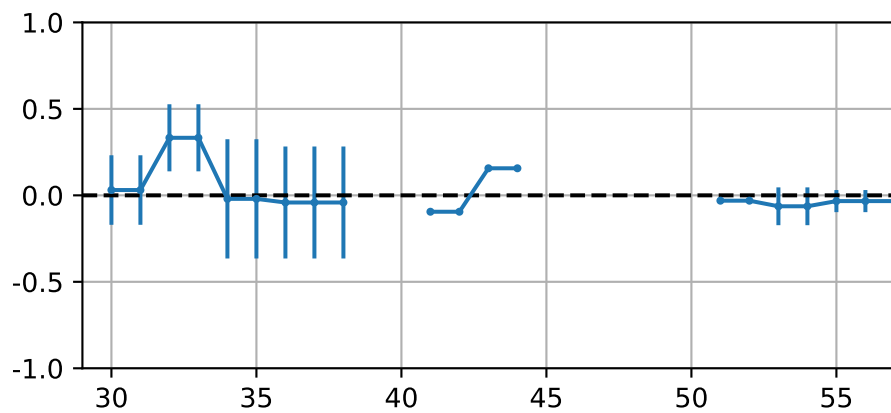
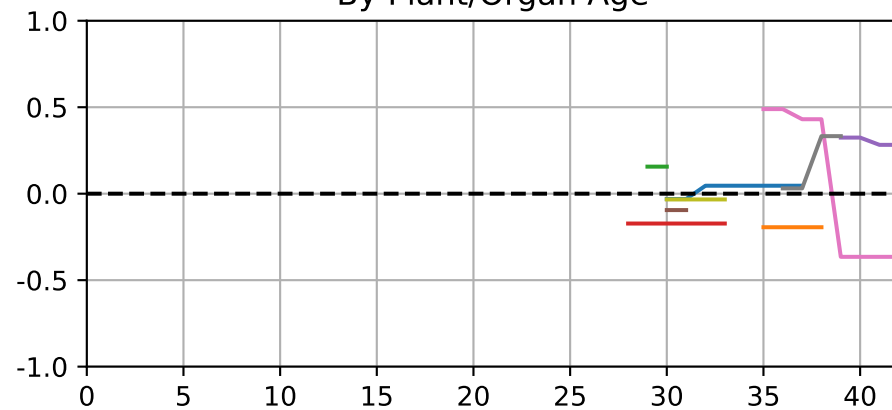


FrN

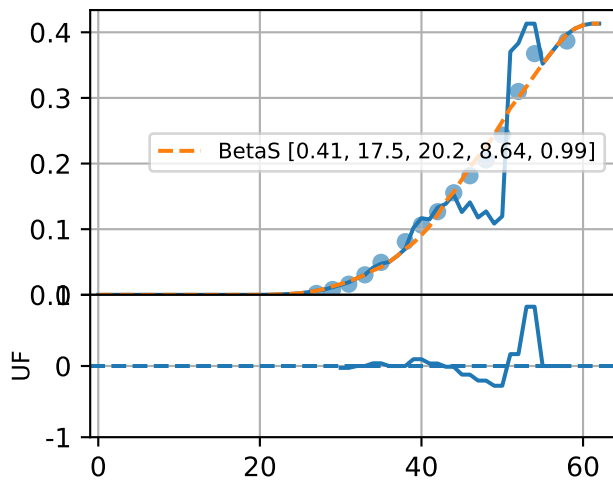
By Start Date



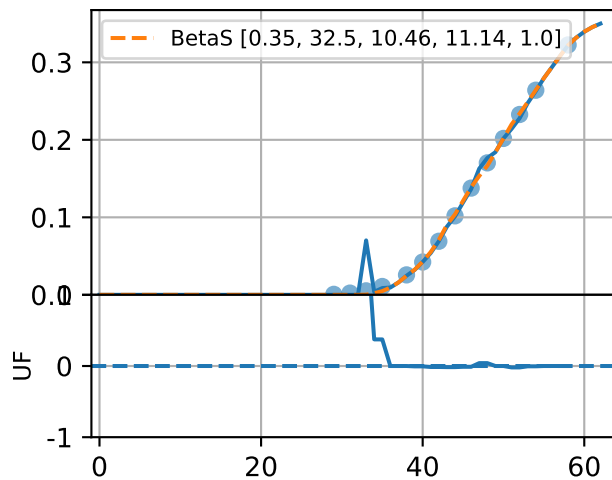
By Plant/Organ Age



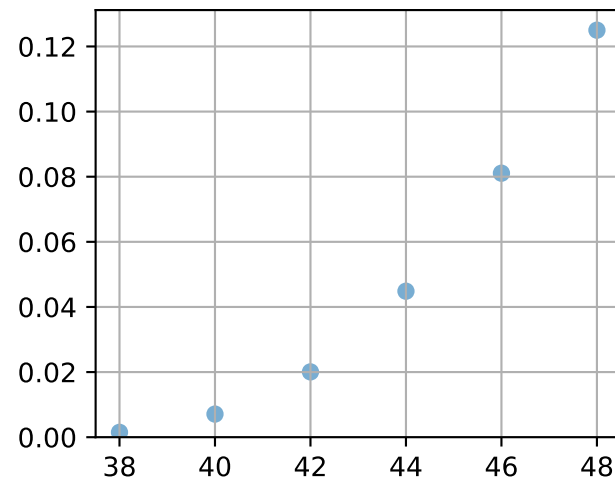
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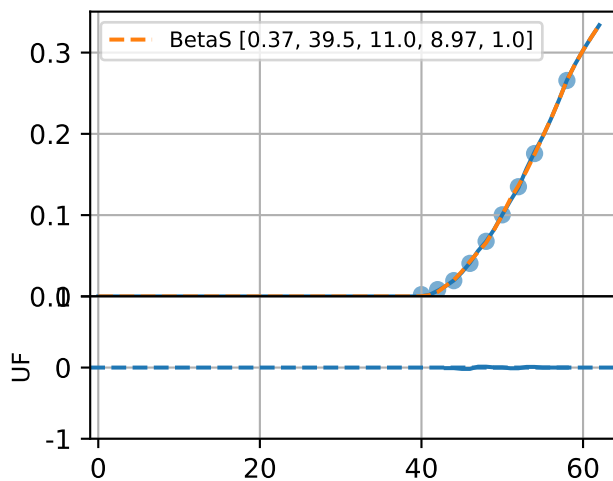
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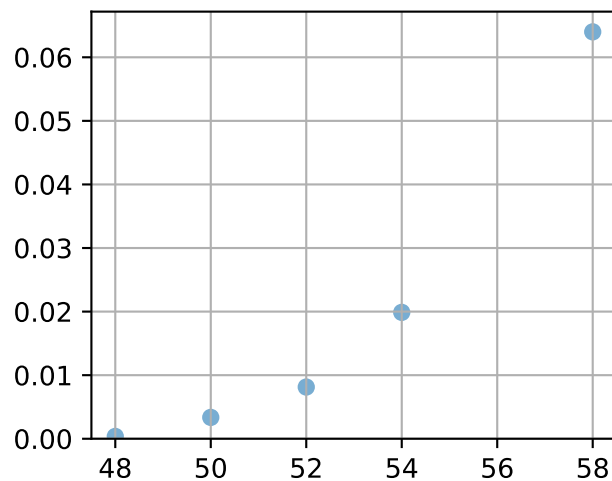
P10AE-063-19T2Fr1 (fit failed)



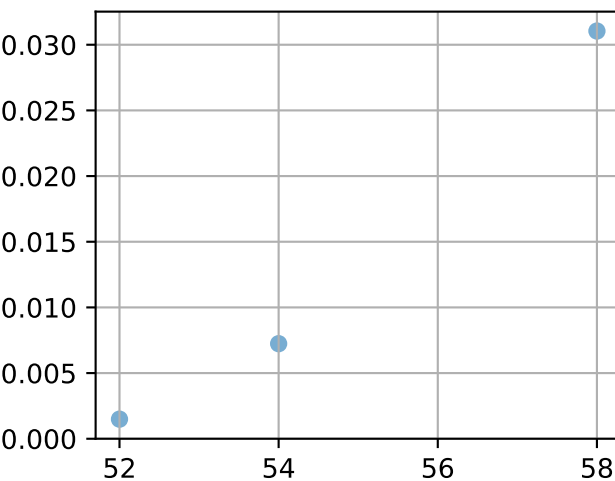
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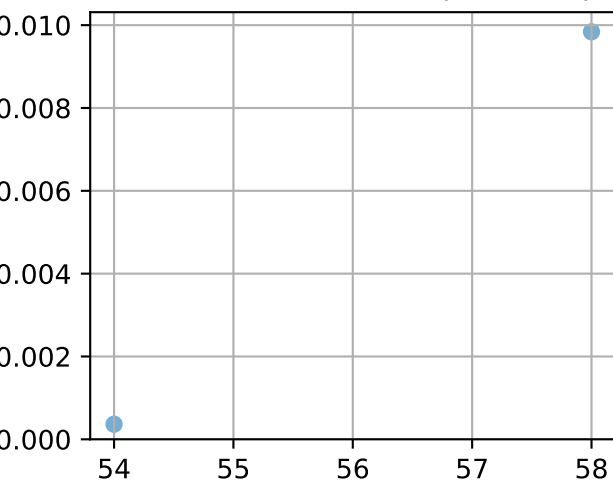
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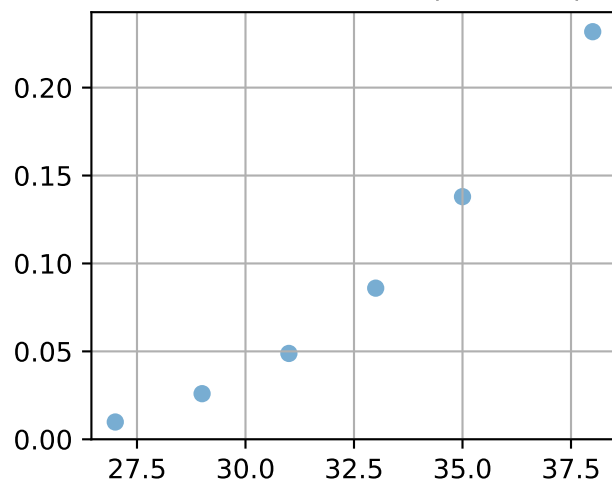
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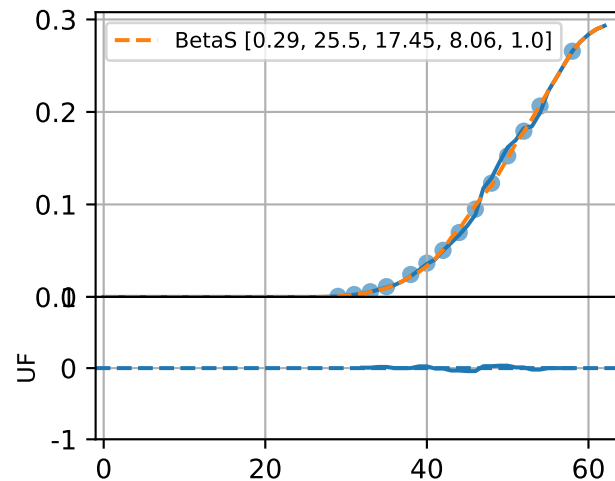
P10AE-063-19T4Fr1 (fit failed)



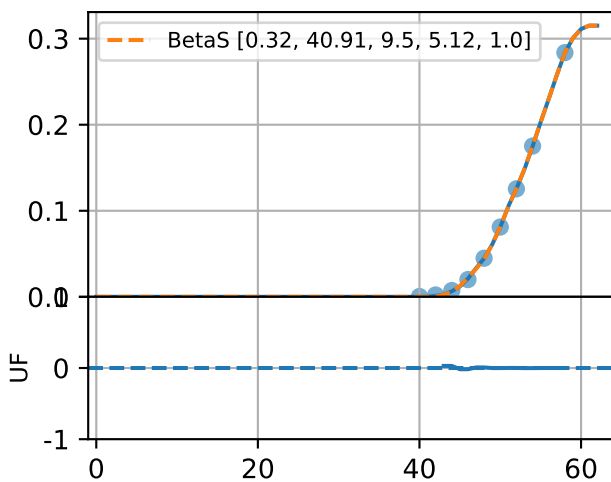
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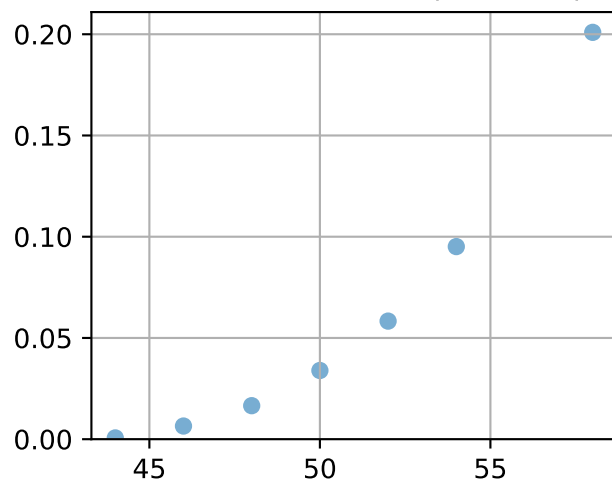
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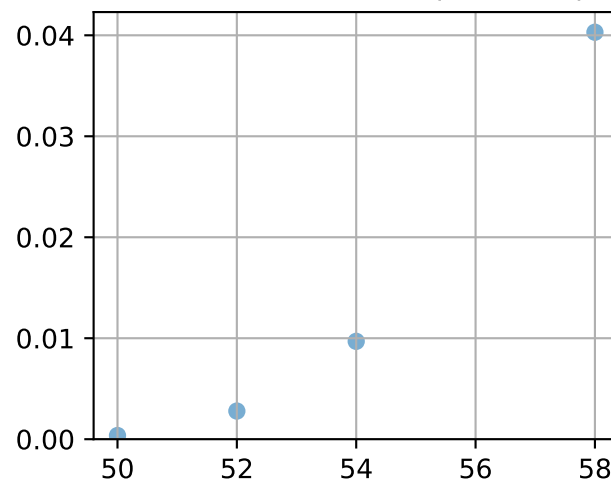
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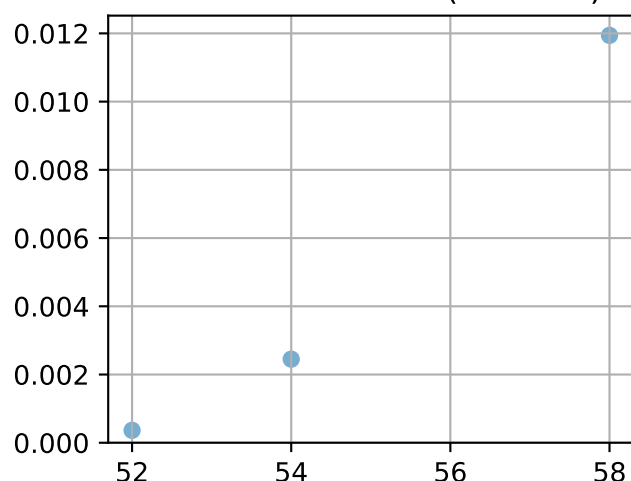
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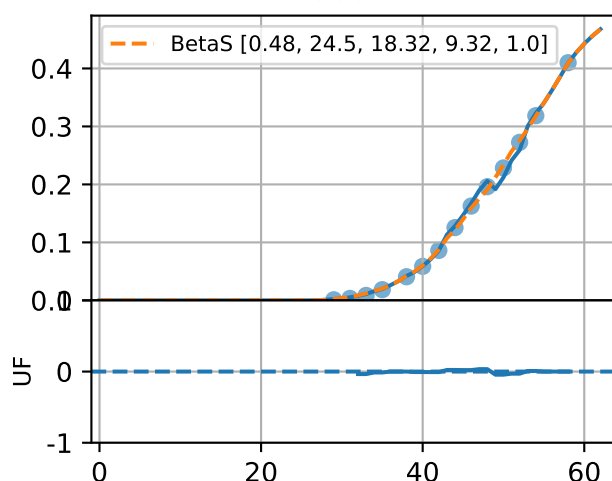
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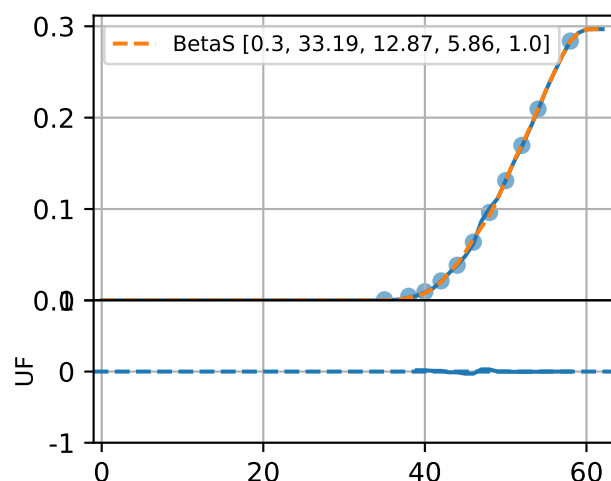
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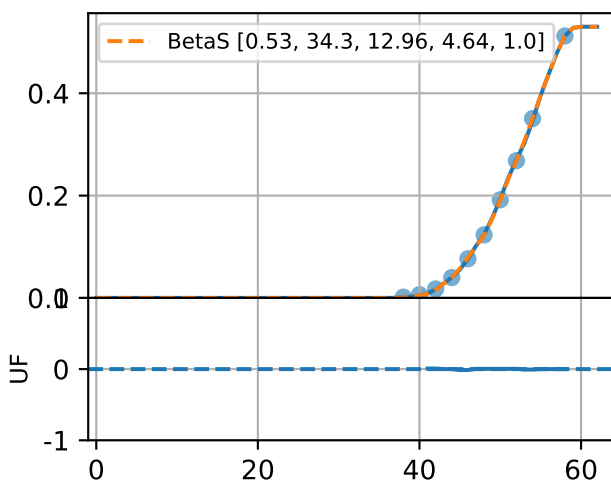
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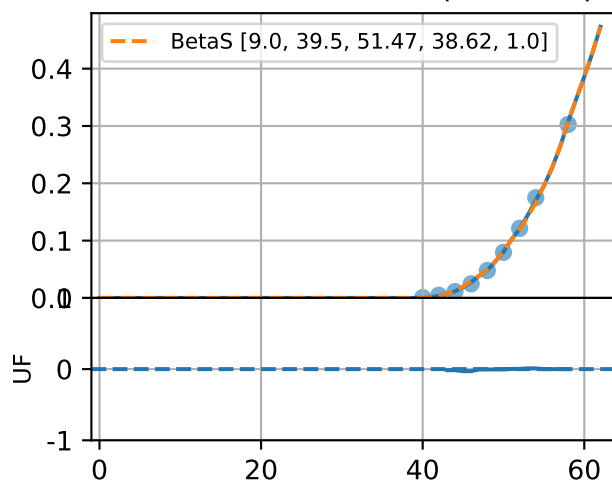
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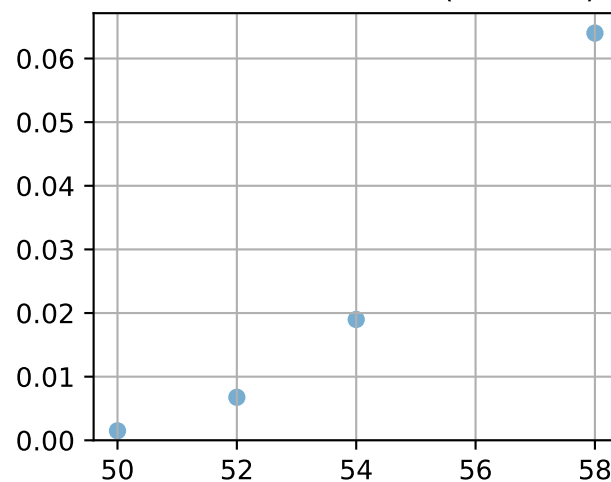
P10AE-089-22T2Fr1



P10AE-089-22T2Fr5 (fit failed)



P10AE-089-22T3Fr1 (fit failed)

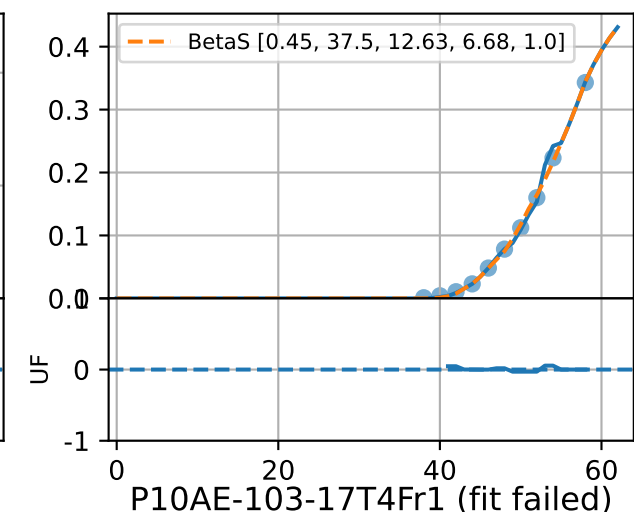
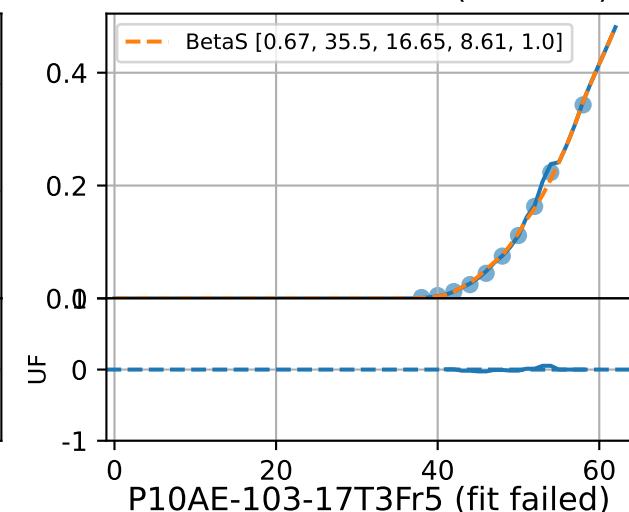
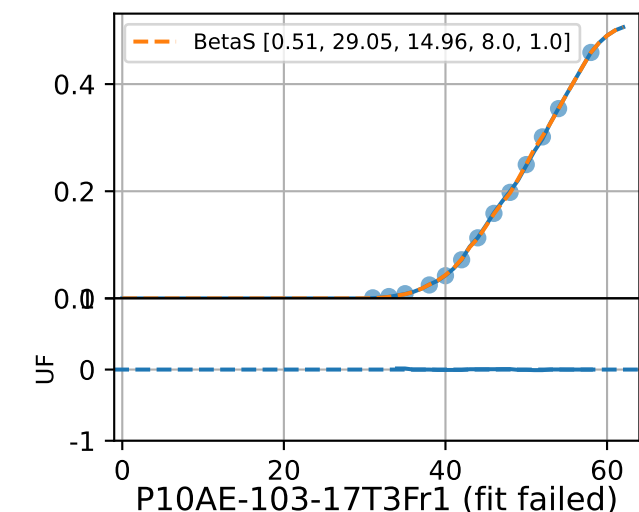
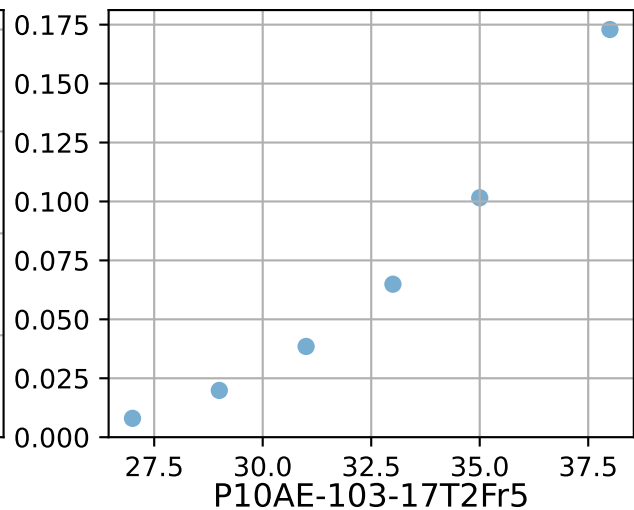
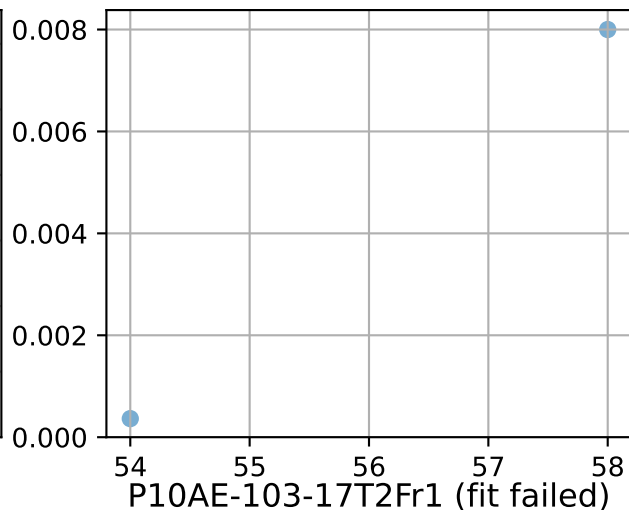
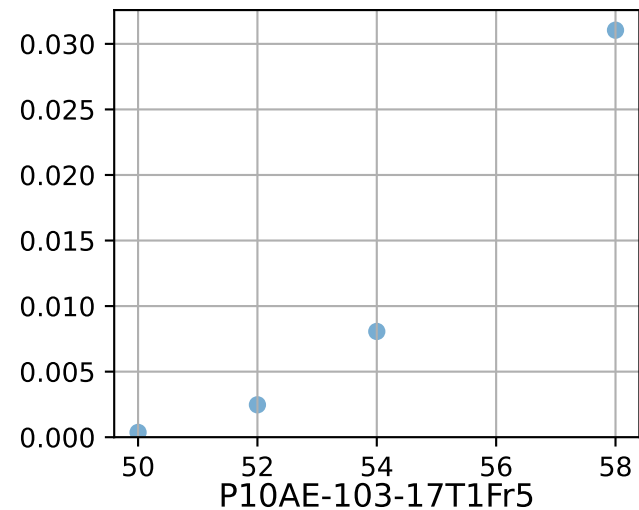


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P10AE-089-22T3Fr5 (fit failed)

P10AE-089-22T4Fr1 (fit failed)

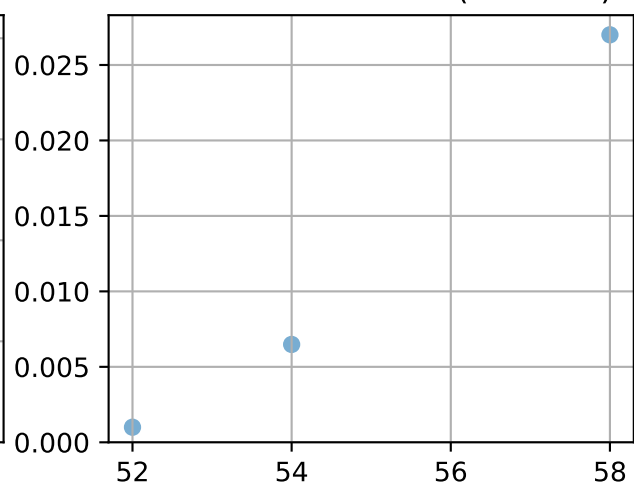
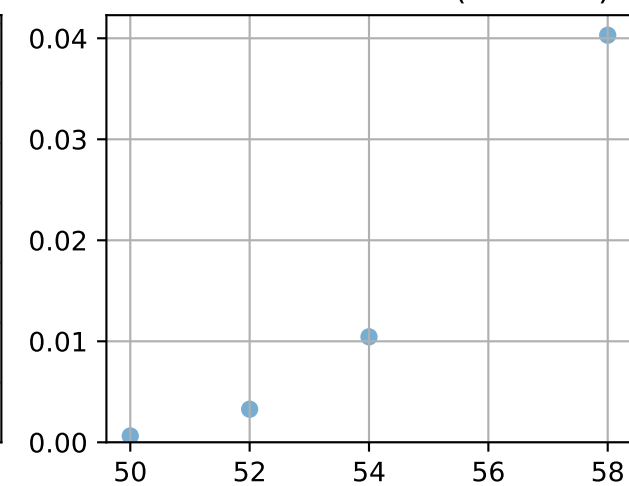
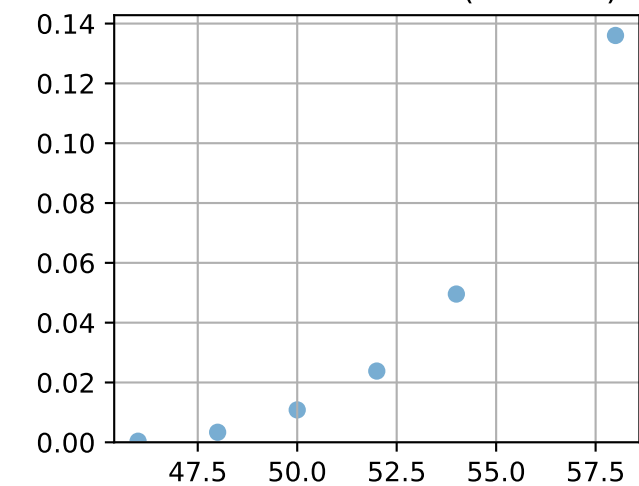
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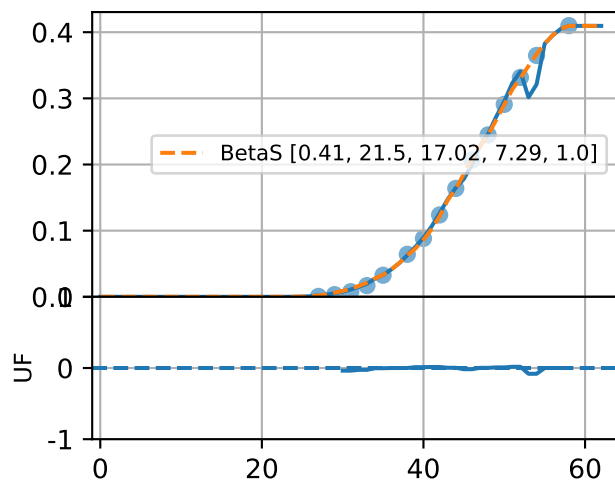
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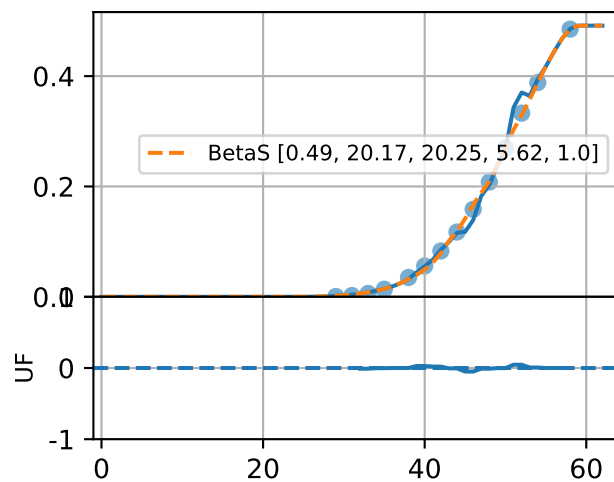
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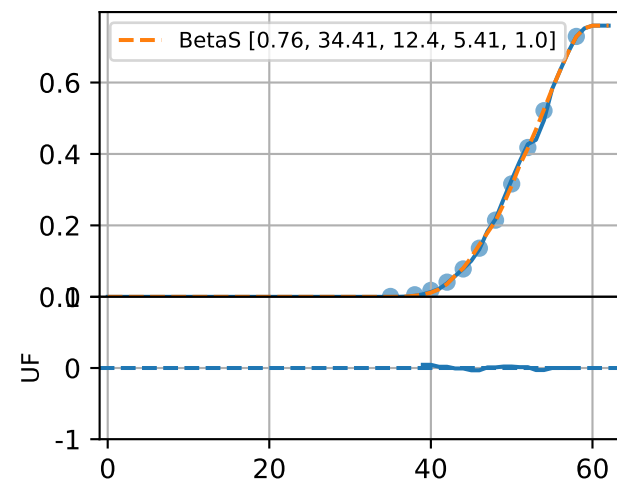
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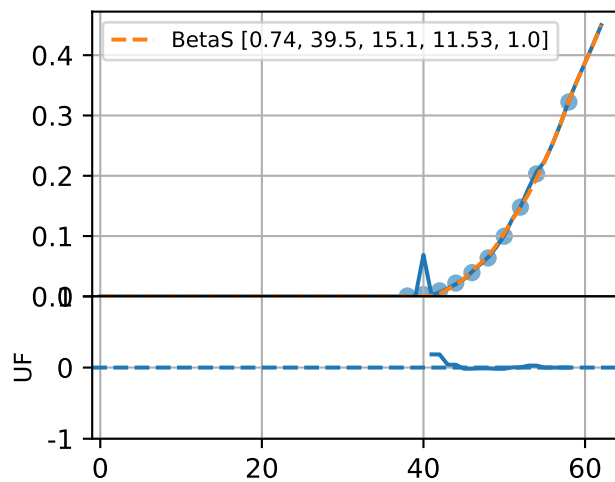
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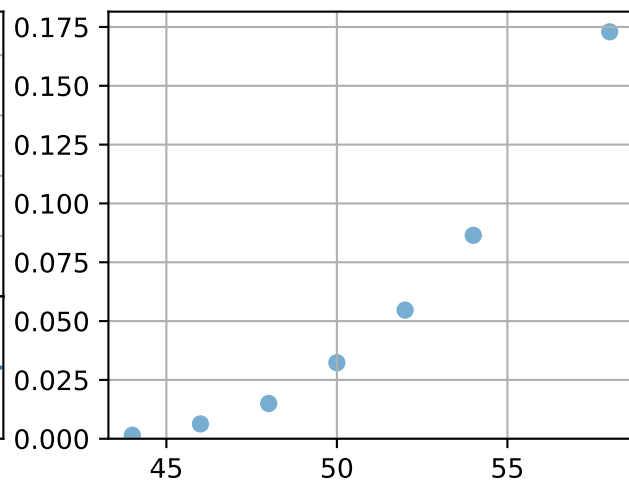
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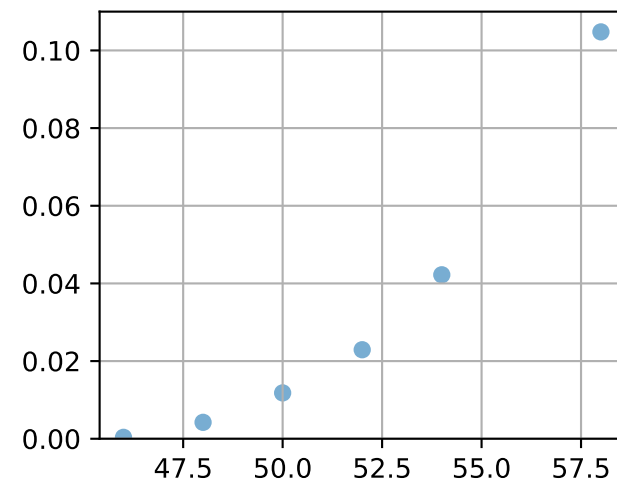
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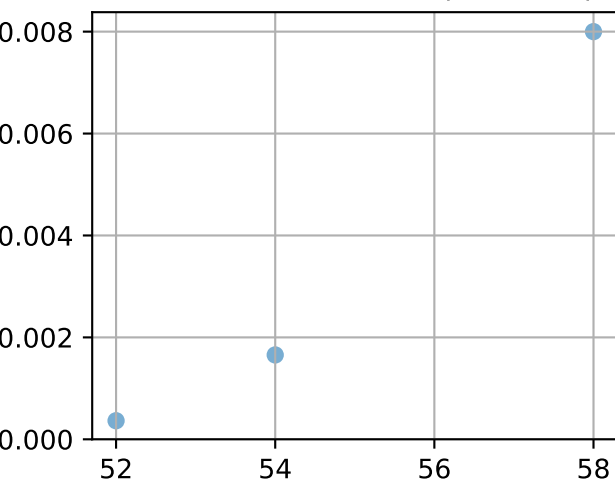
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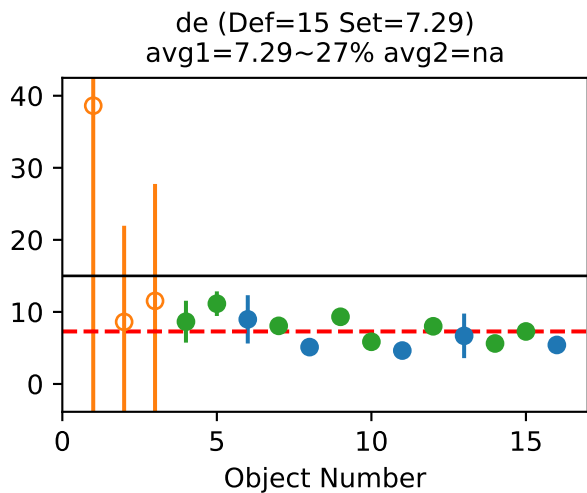
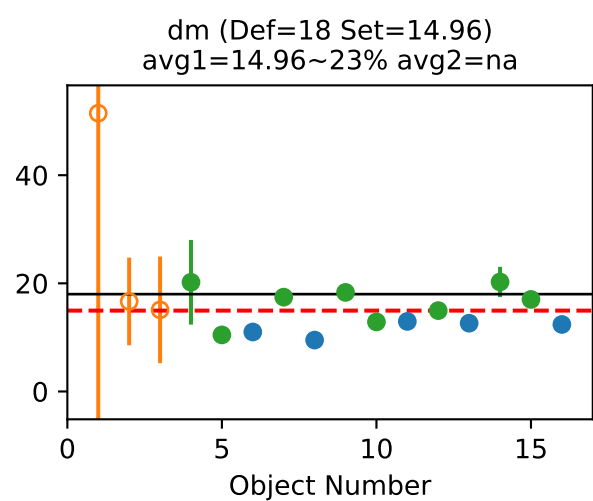
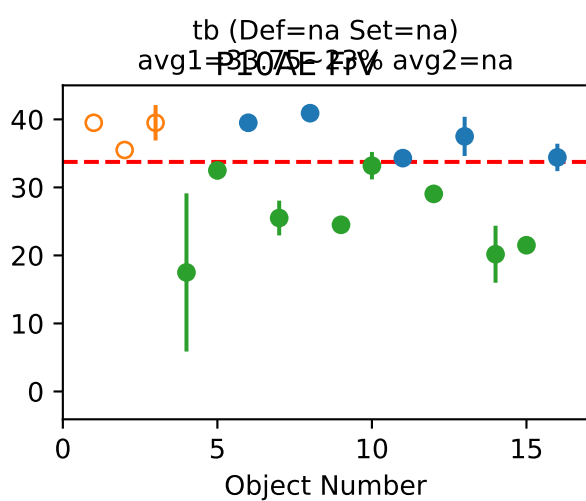
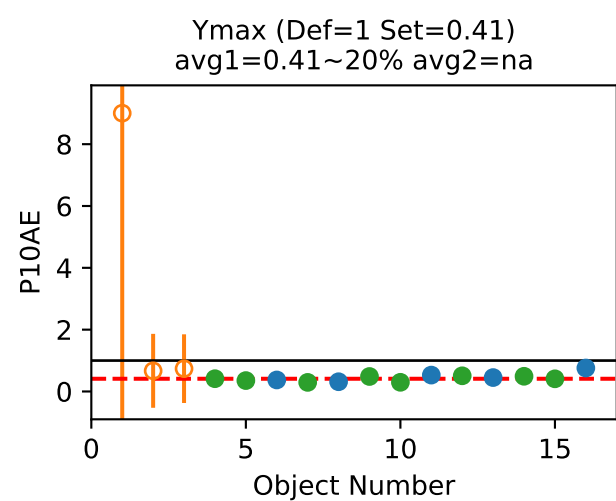


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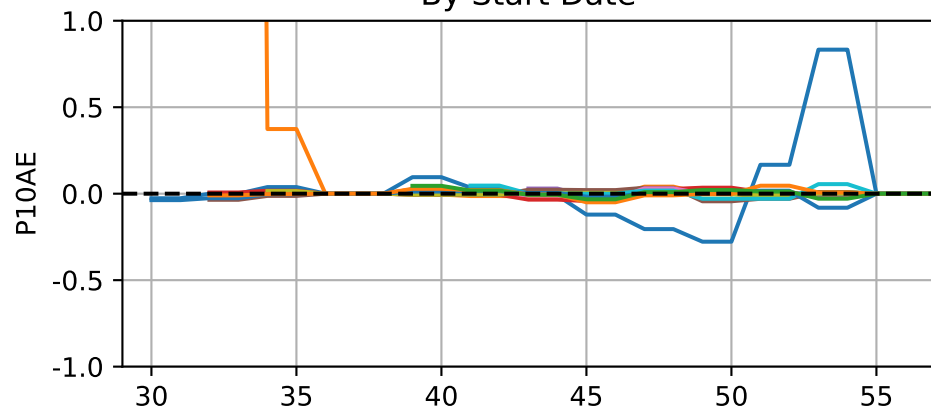
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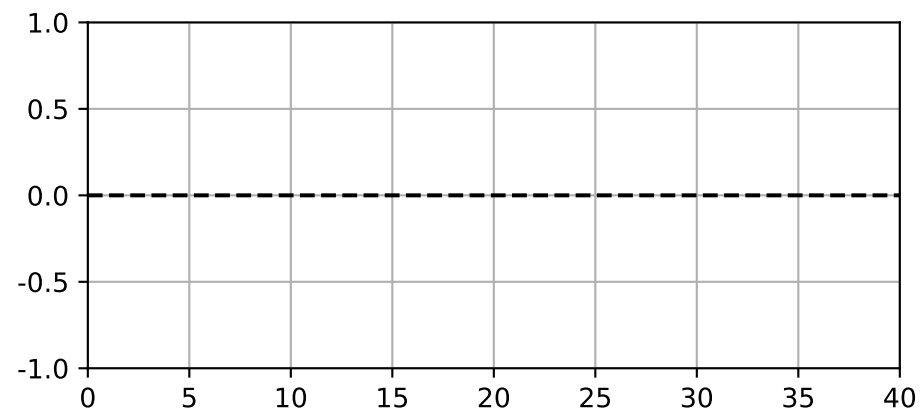
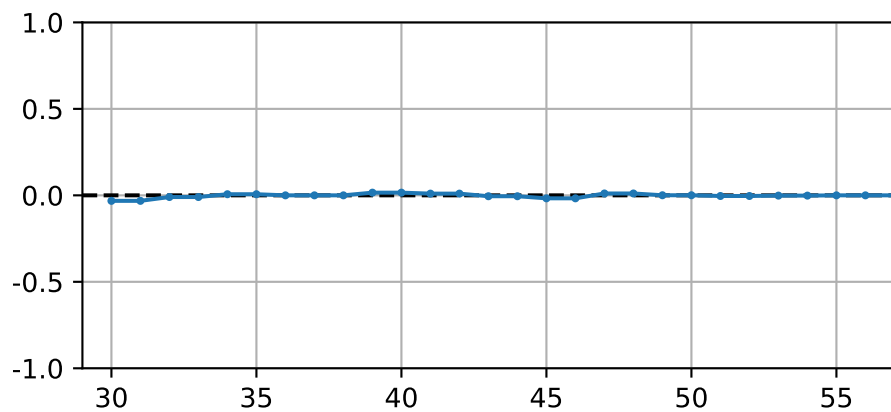
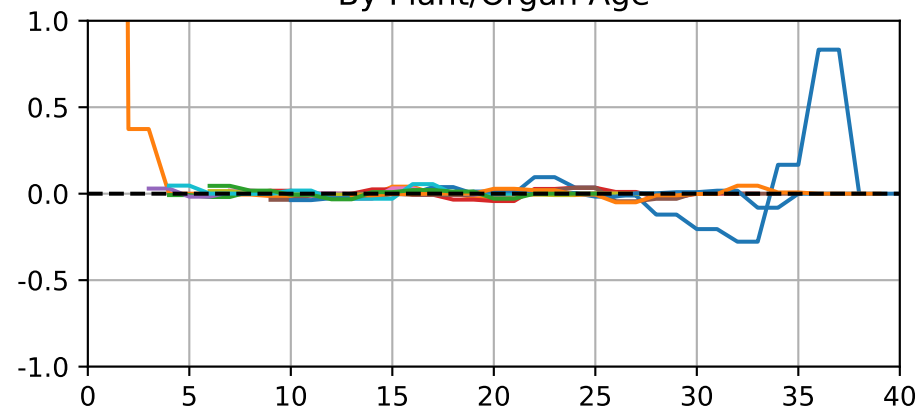


FrV

By Start Date

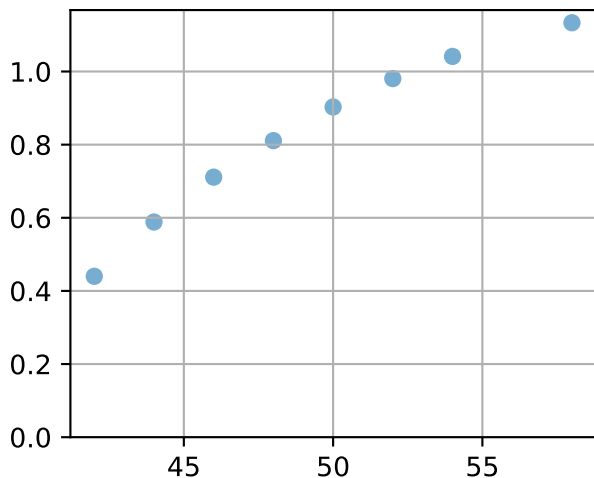


By Plant/Organ Age

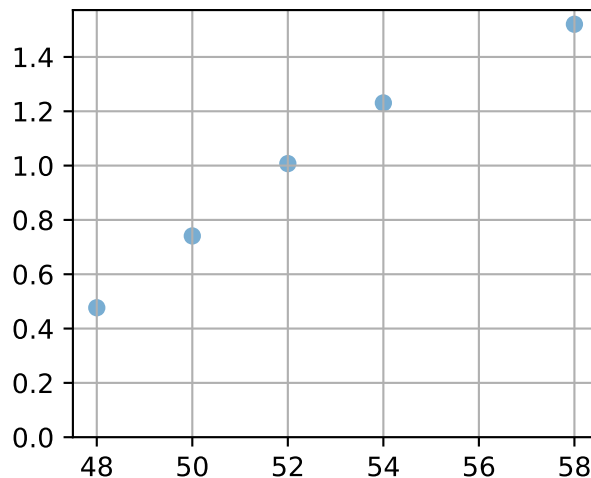


L_{FA}

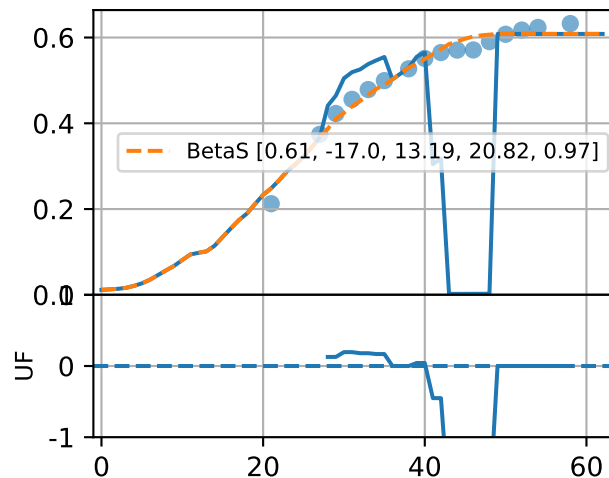
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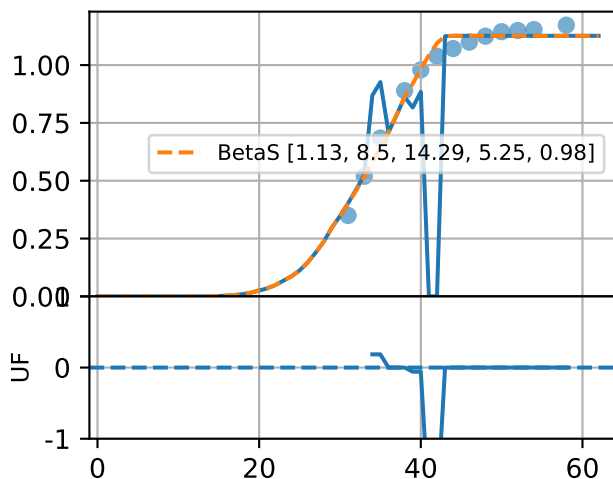
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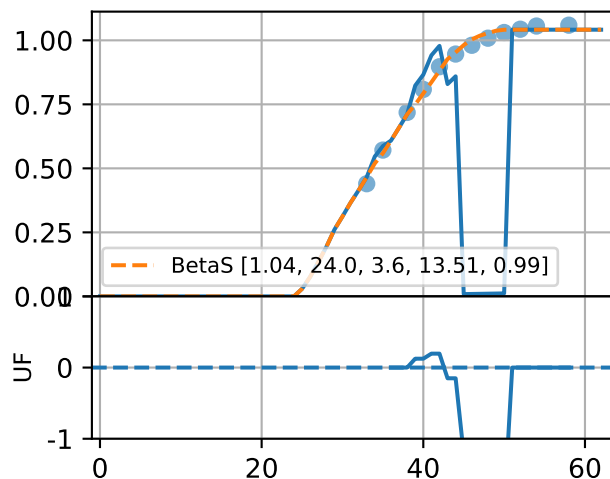
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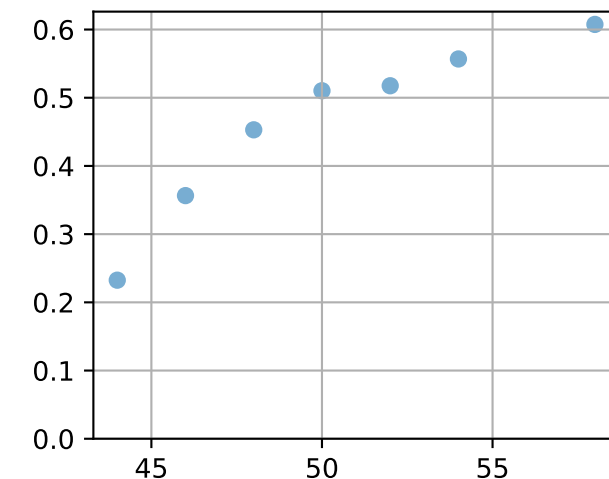
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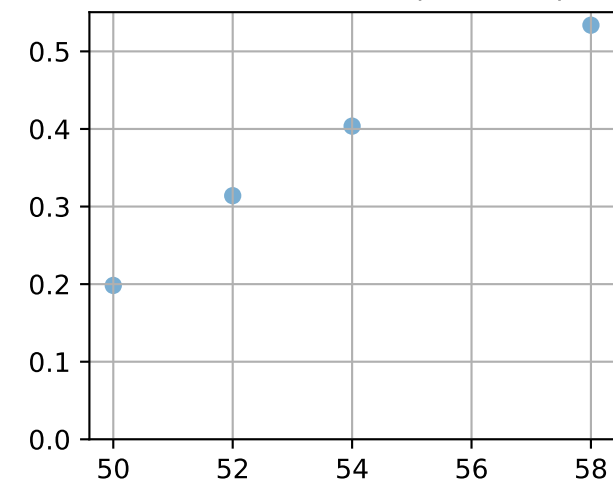
P10AE-076-5L11



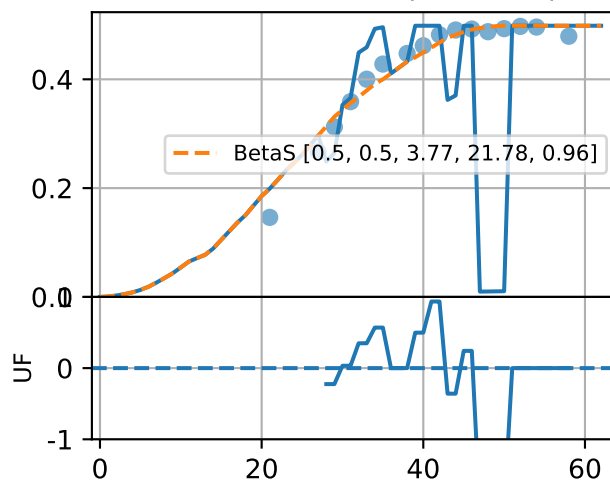
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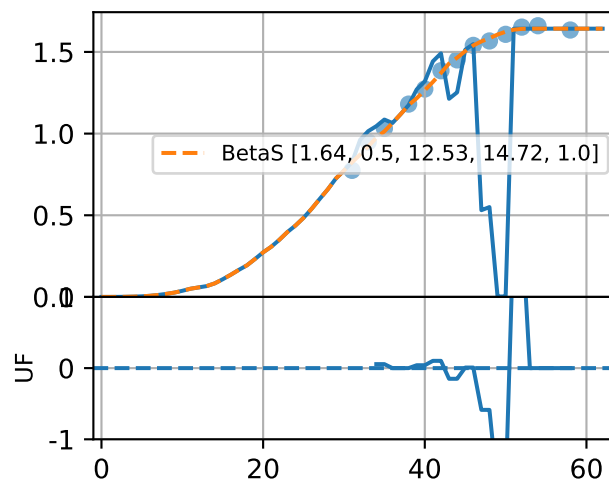
P10AE-076-5L17 (fit failed)



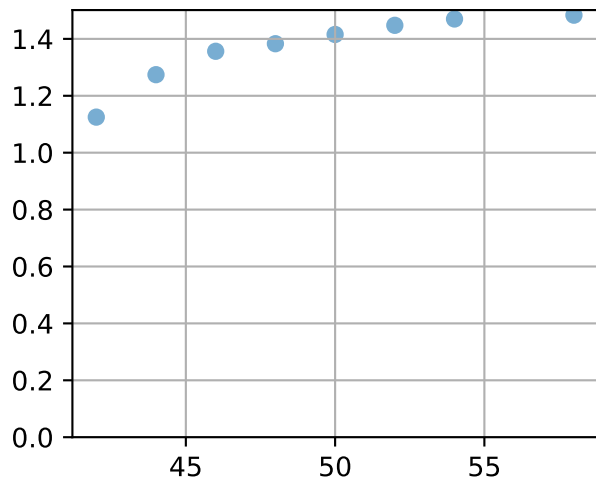
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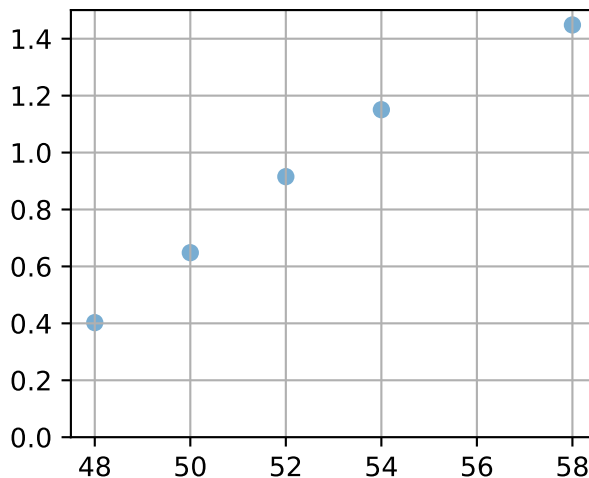
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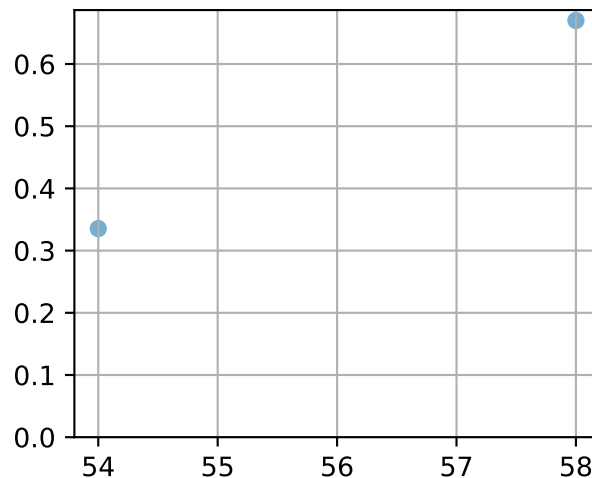
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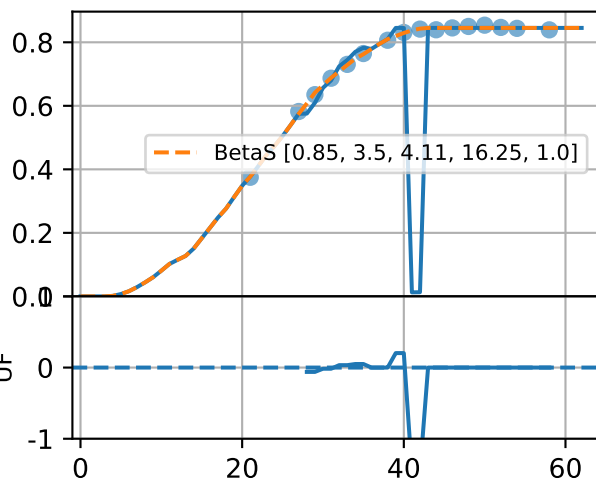
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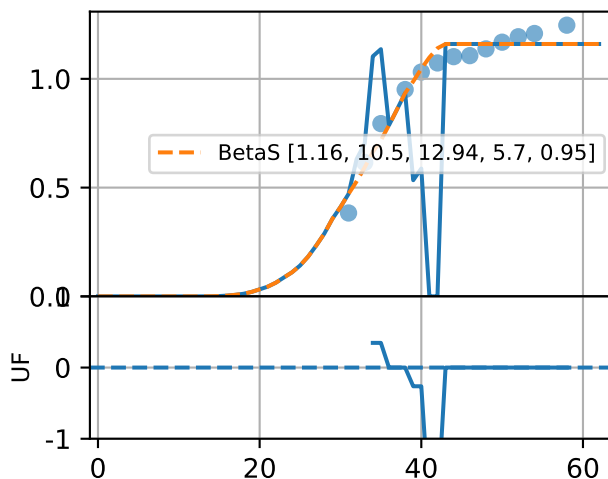
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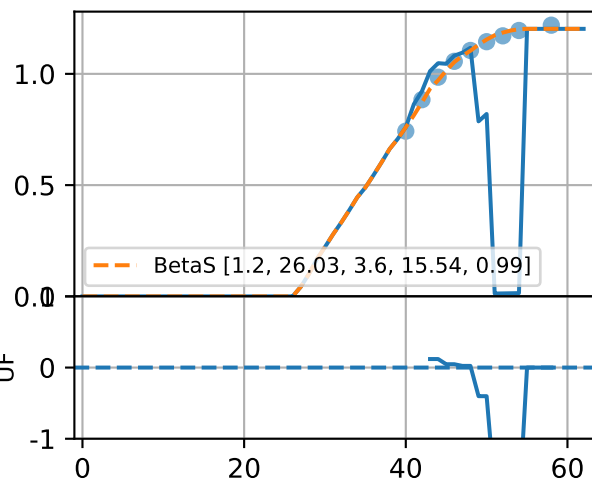
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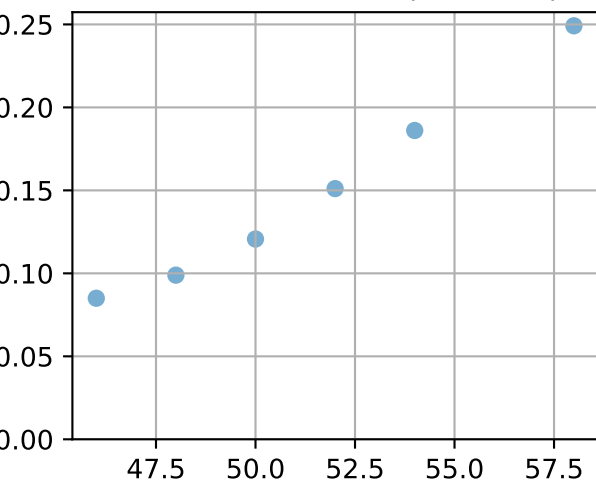
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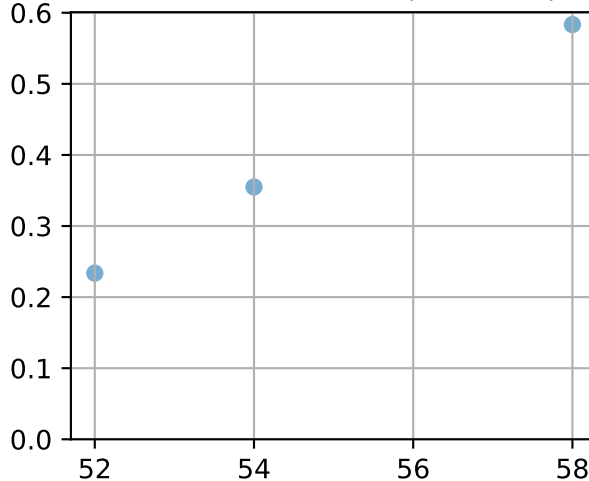
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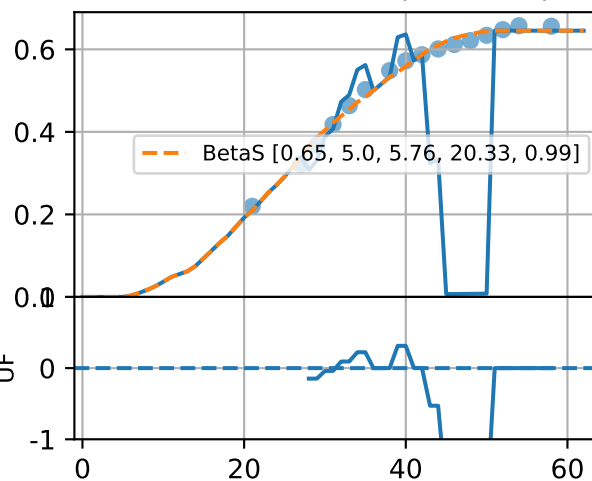
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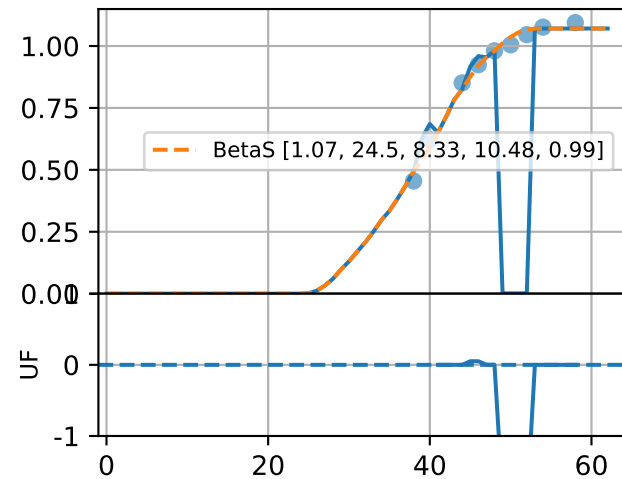
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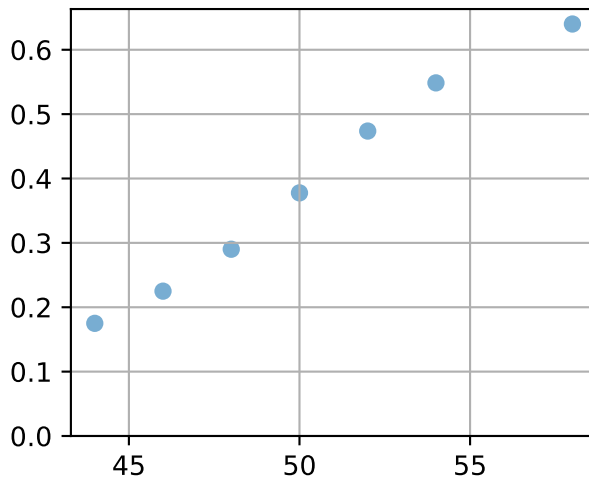
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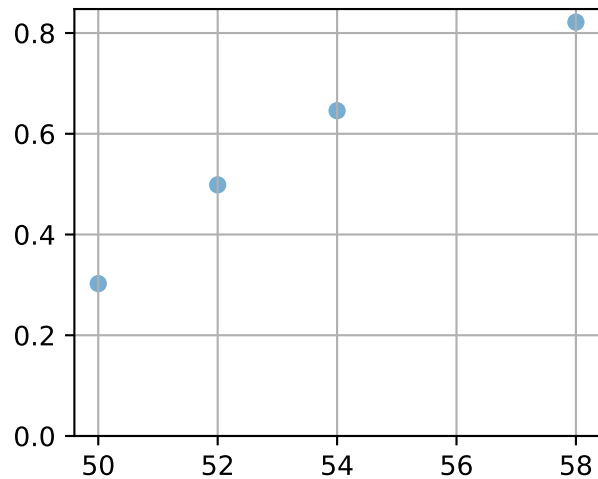
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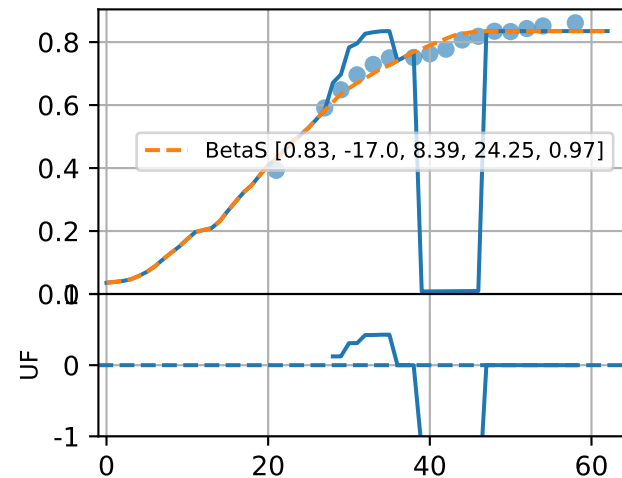
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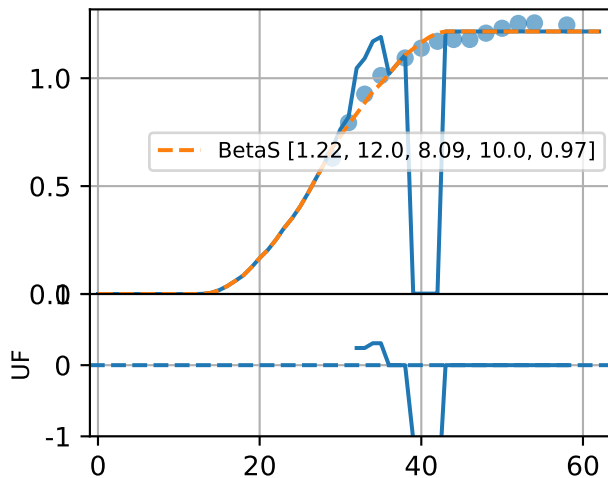
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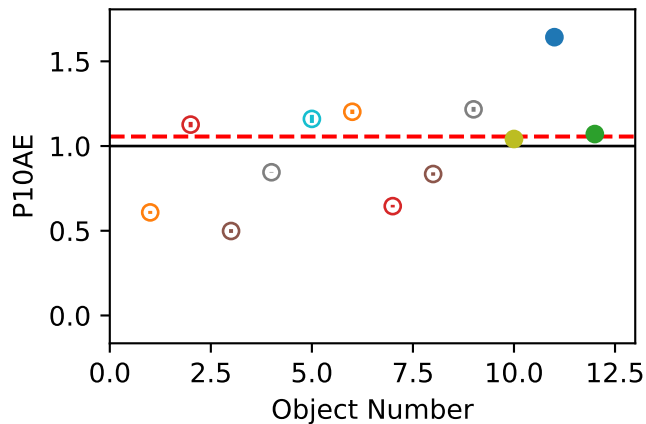
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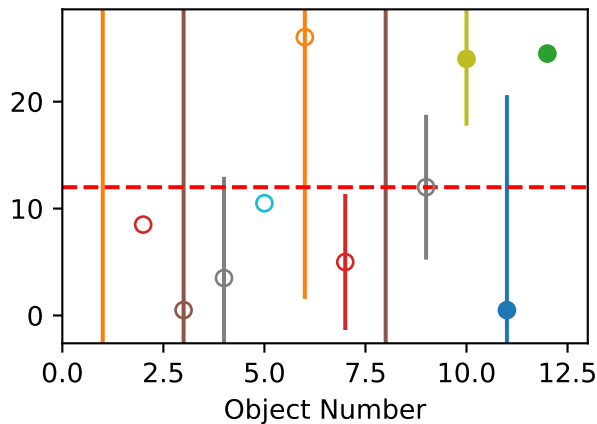
P10AE-116-21L9 (fit failed)



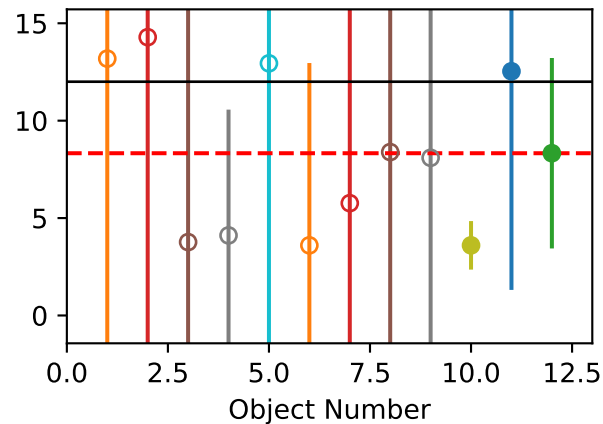
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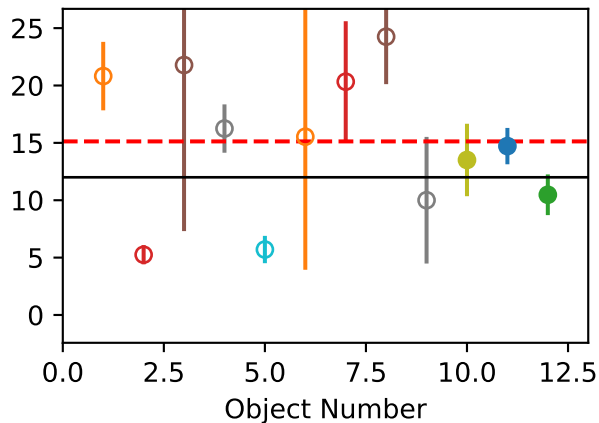
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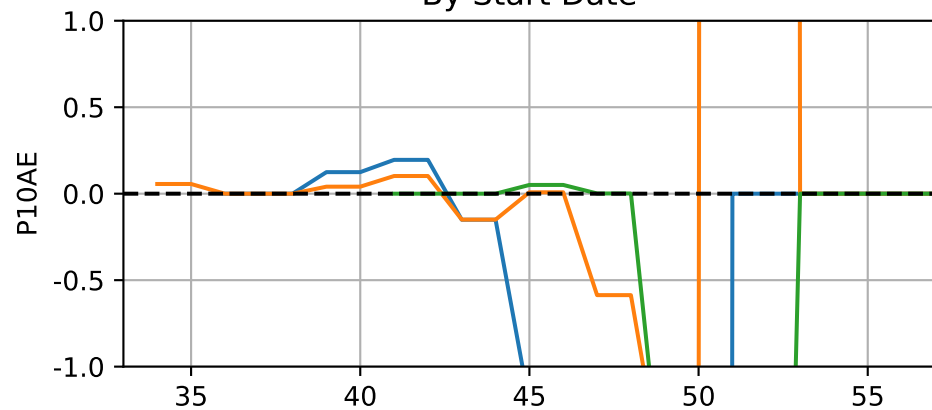
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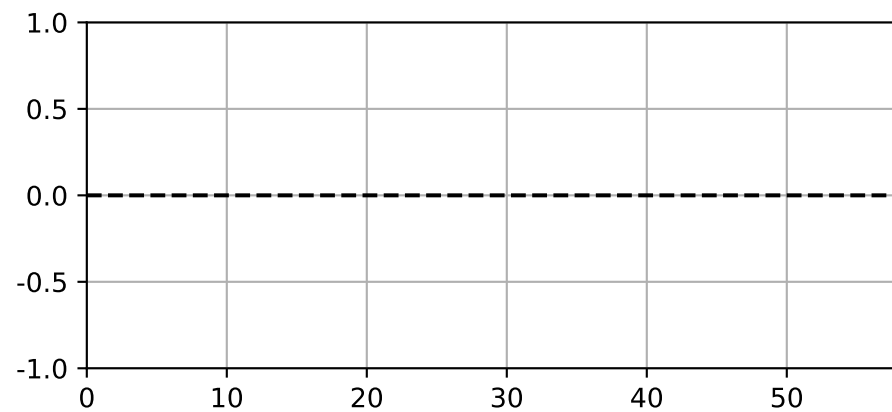
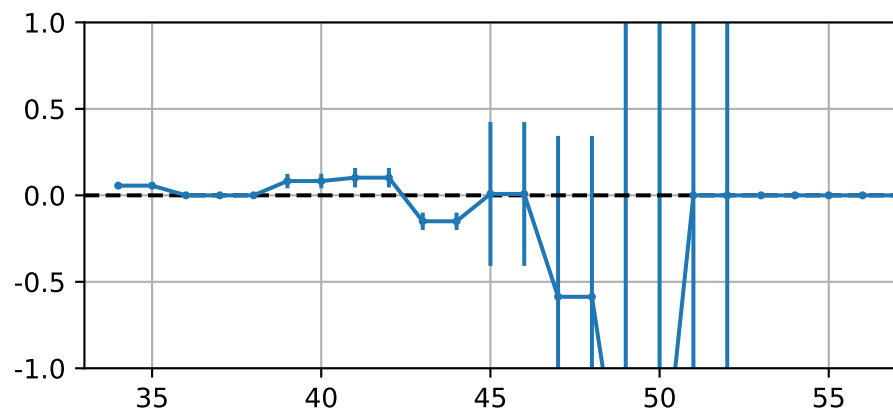
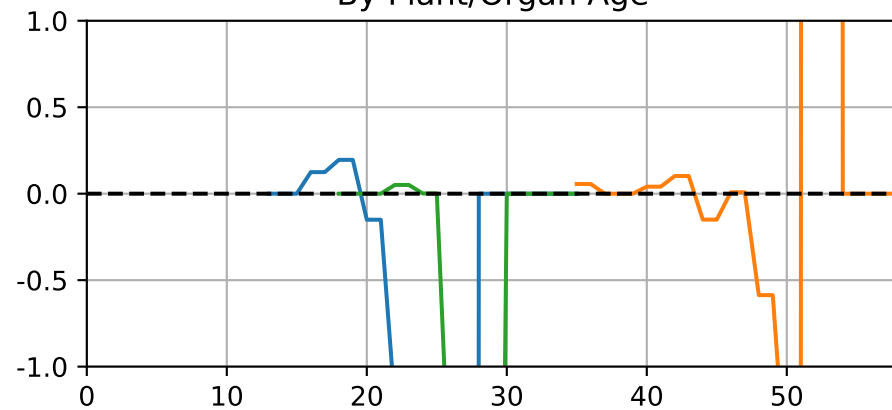
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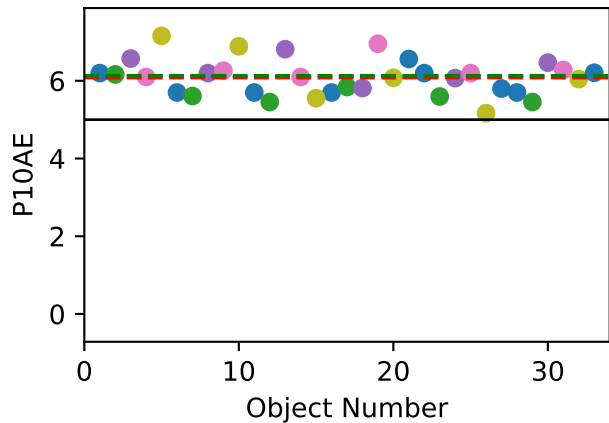
By Start Date



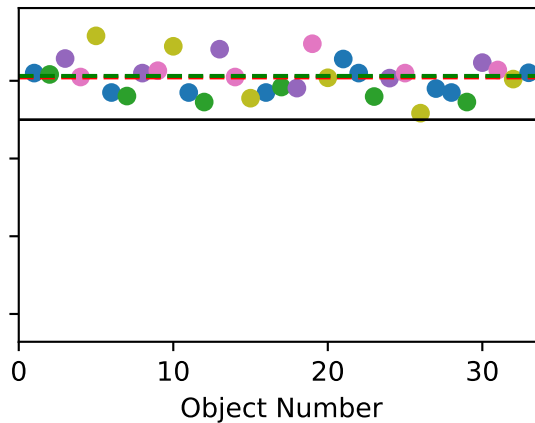
By Plant/Organ Age



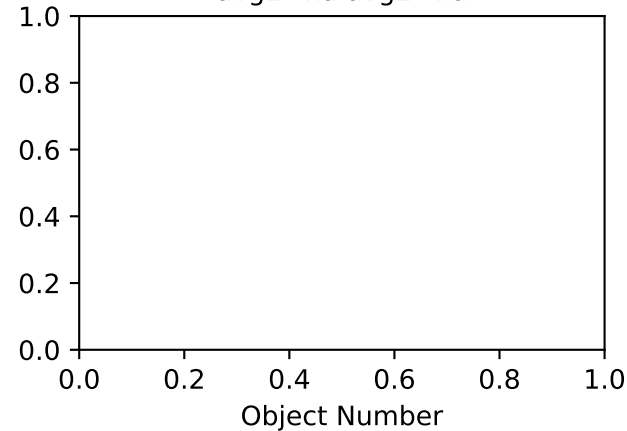
FI_dm (Def=5 Set=6.09)
avg1=6.09~7% avg2=6.13~6%



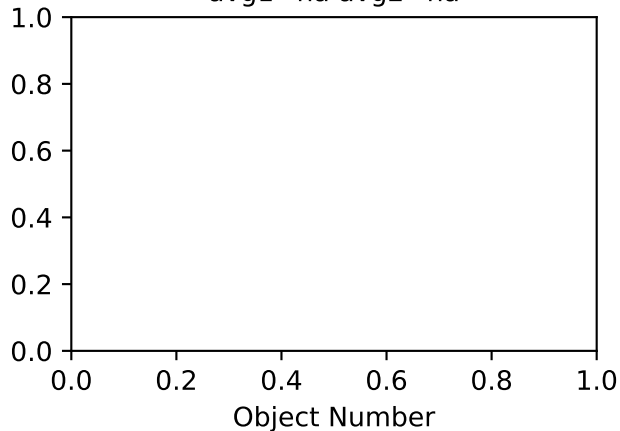
FI_de (Def=5 Set=6.09)
avg1=6.09~7% avg2=6.13~6%



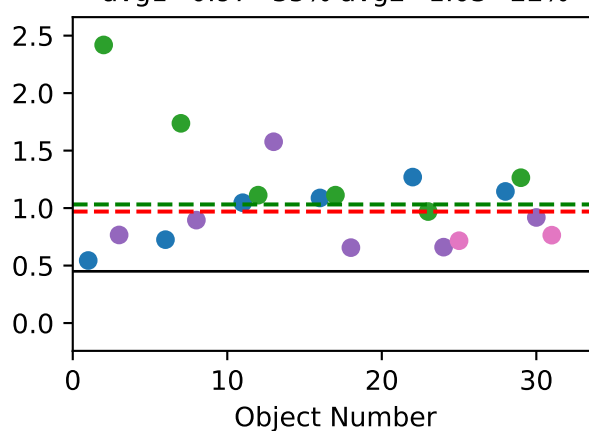
FrV_dm (Def=18 Set=14.96)
avg1=na avg2=na



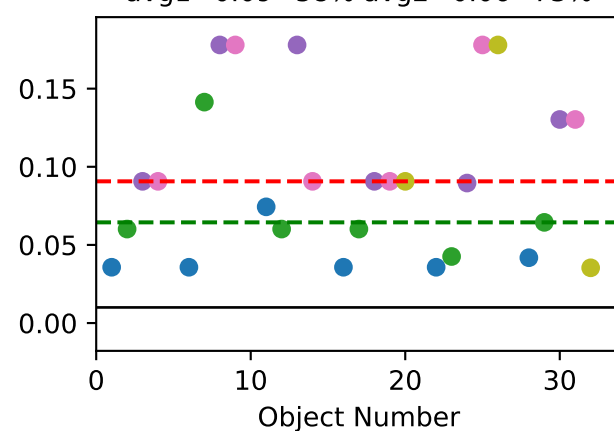
FrV_de (Def=15 Set=7.29)
avg1=na avg2=na



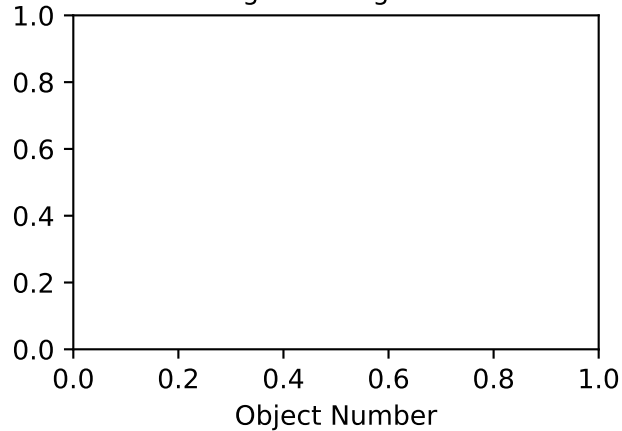
FrN_a (Def=0.45 Set=0.97)
avg1=0.97~35% avg2=1.03~22%



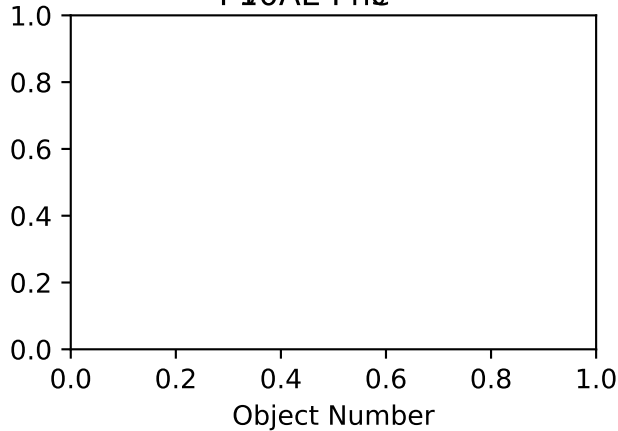
FSDdevStage (Def=0.01 Set=0.09)
avg1=0.09~58% avg2=0.06~73%



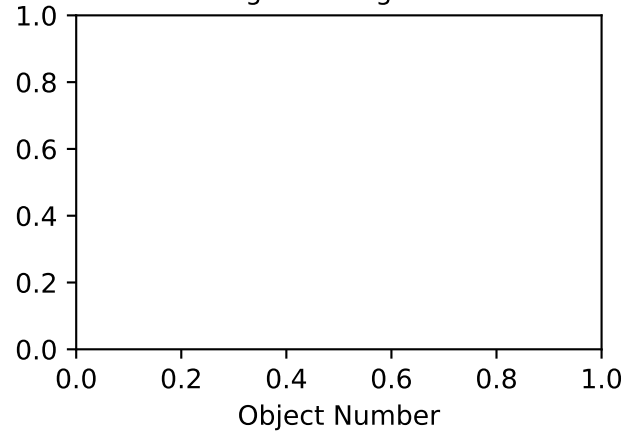
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



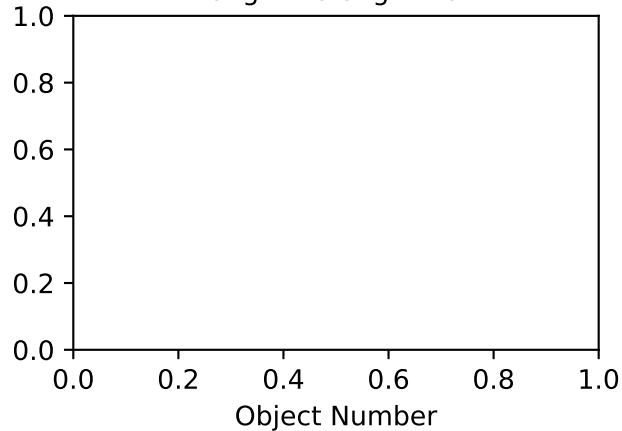
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



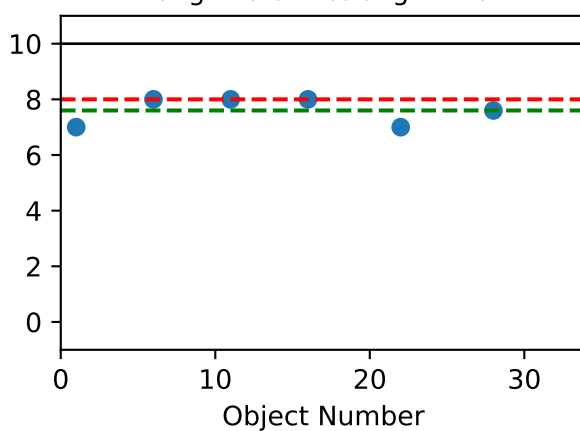
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

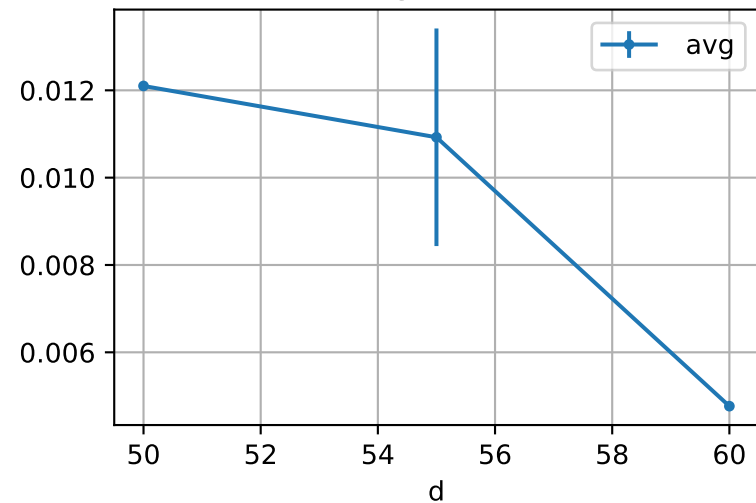


NNgen (Def=10 Set=8)
avg1=8.0~7% avg2=7.6

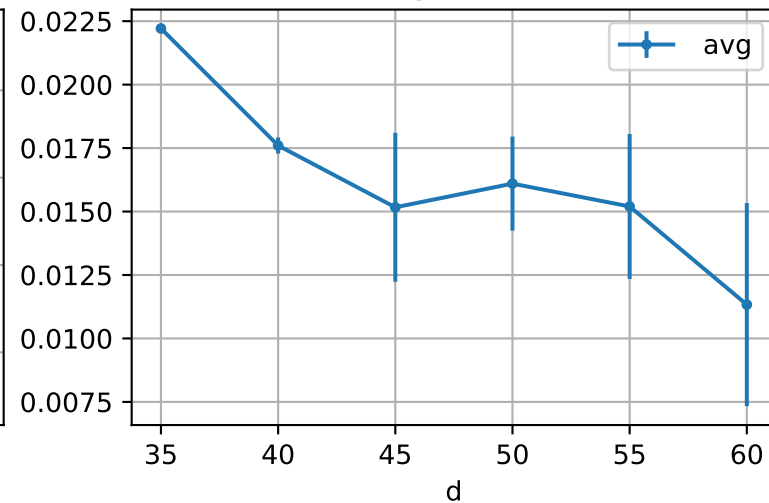


LfA: avg vs. d at each age group

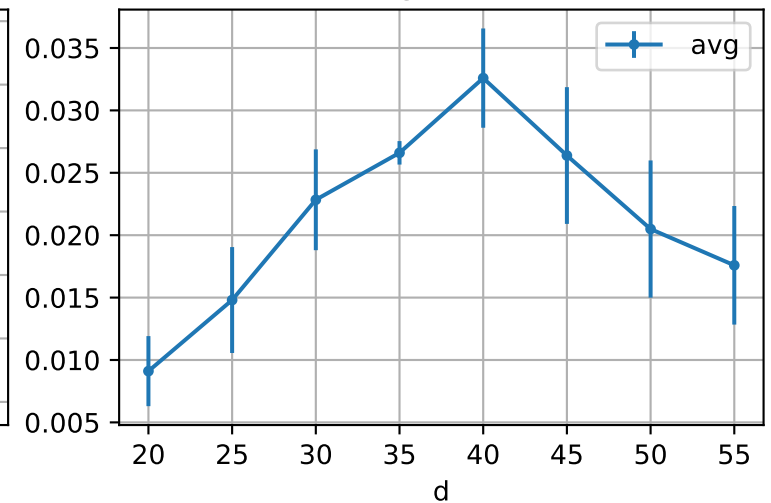
age=15



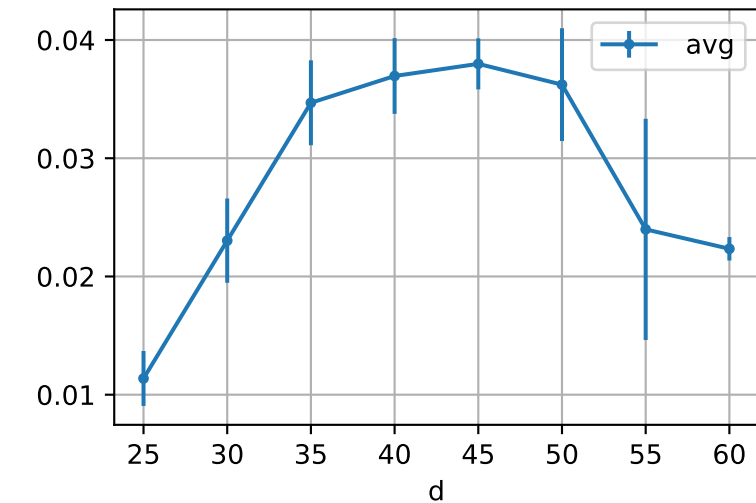
age=20



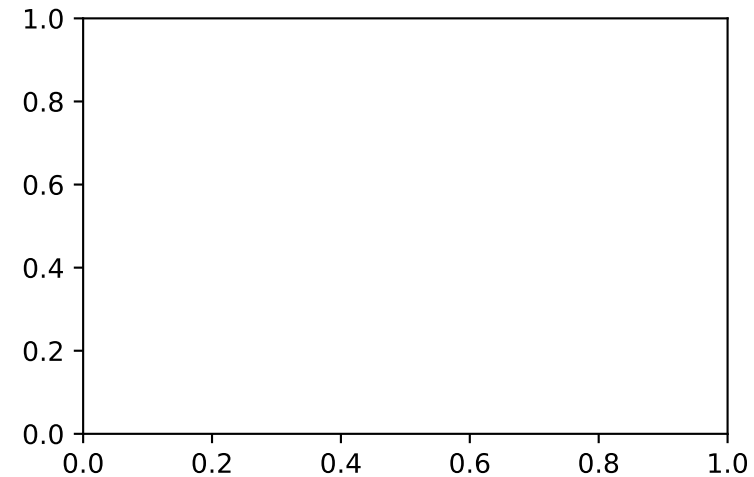
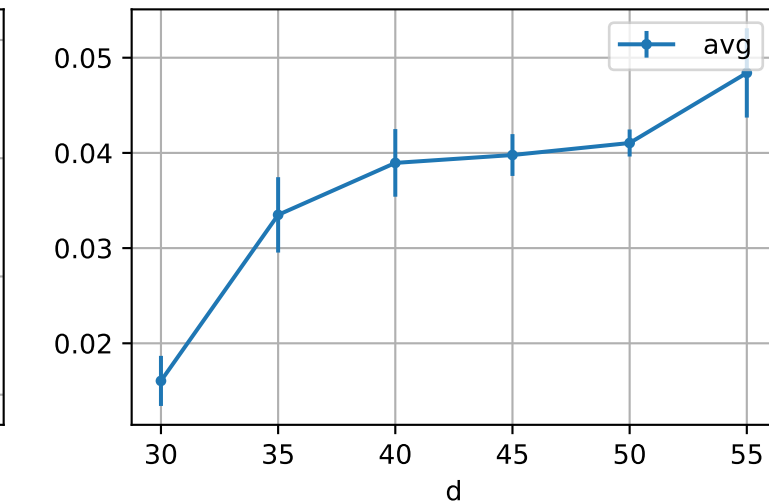
age=25



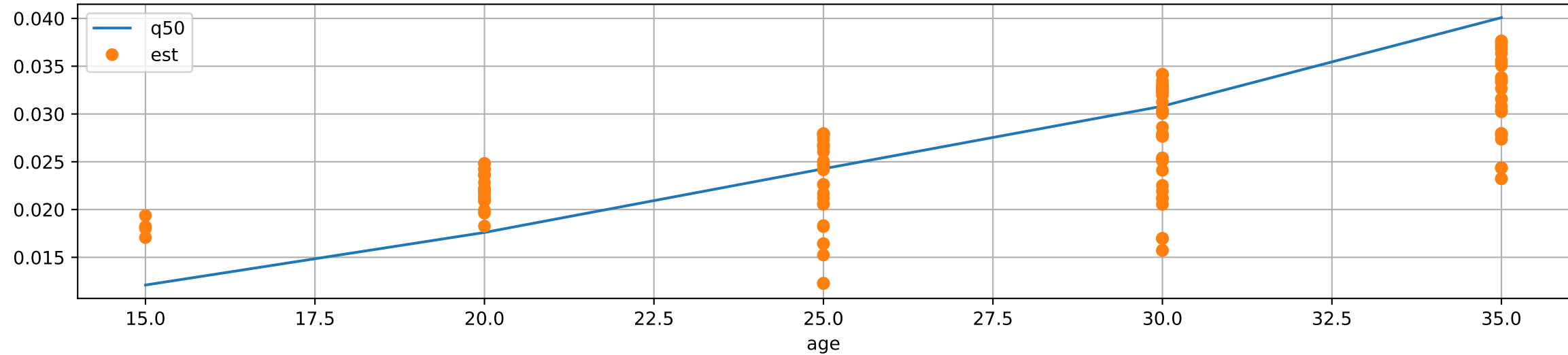
age=30



age=35

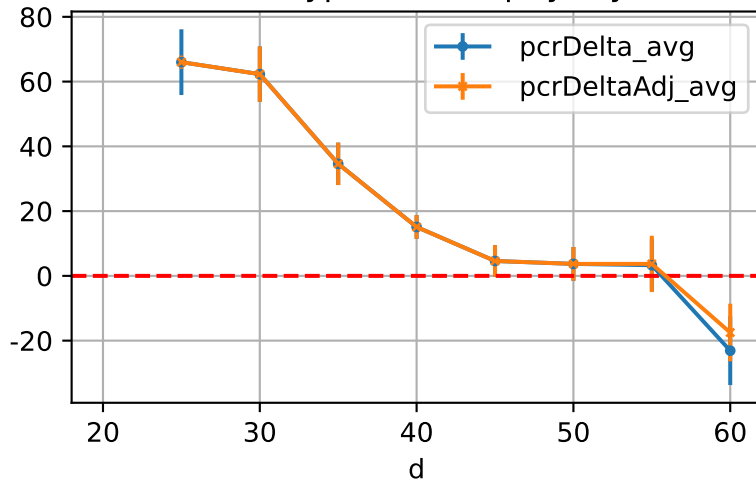


LfA: model est vs obsOv@Q50

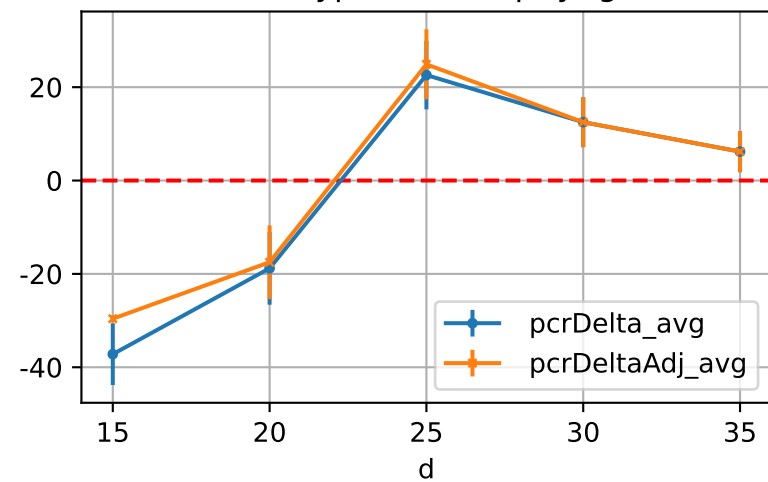


P10AE LfA: D_5d_LfA

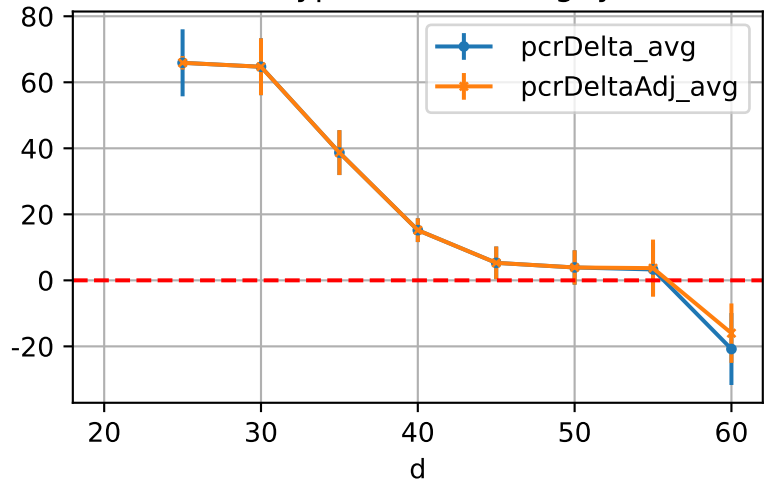
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

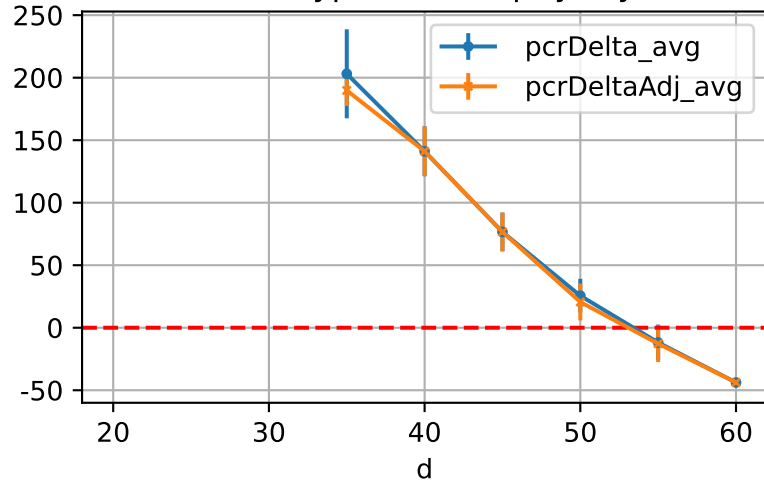


DeltaTypeAbbr=WeiAvgByD

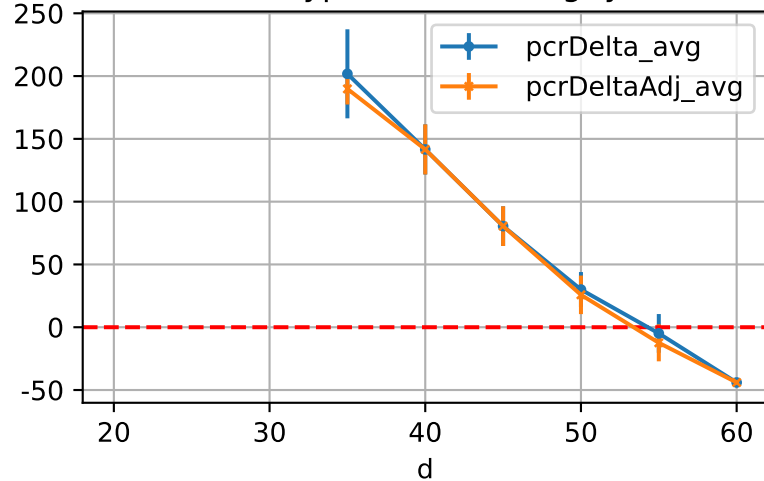


P10AE LfA: D_15d_LfA

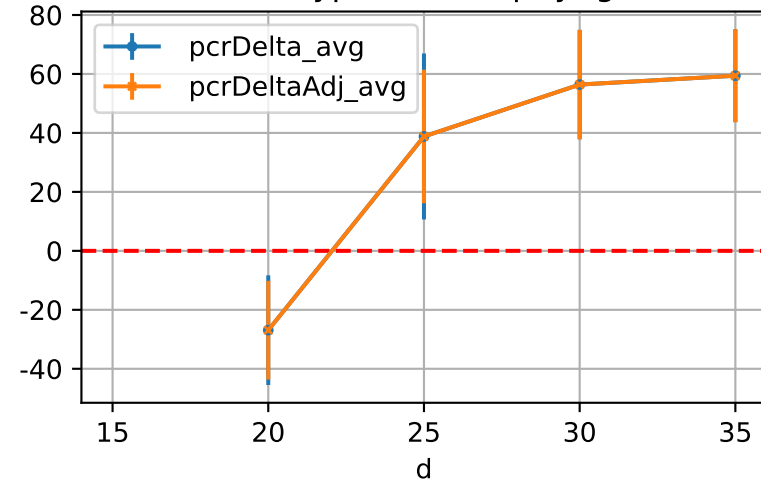
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

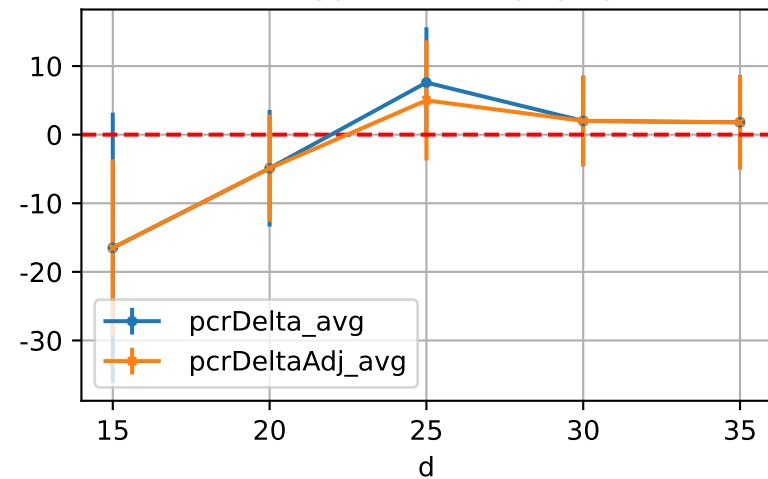


DeltaTypeAbbr=GrpByAge

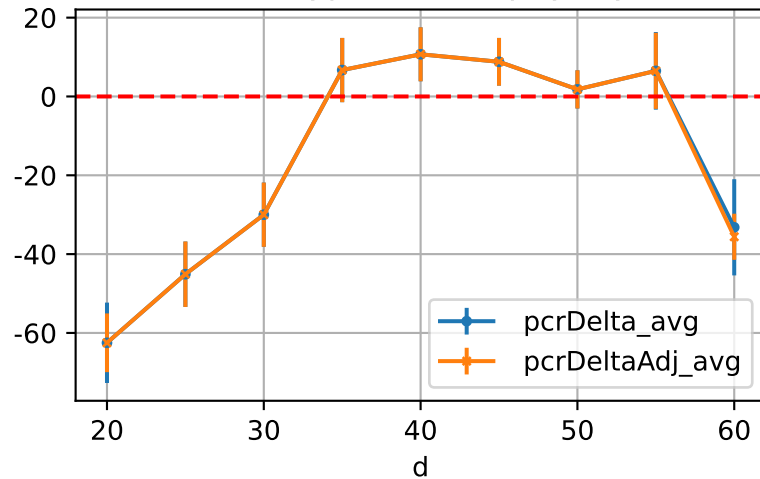


P10AE LfA: D_Q50_LfA

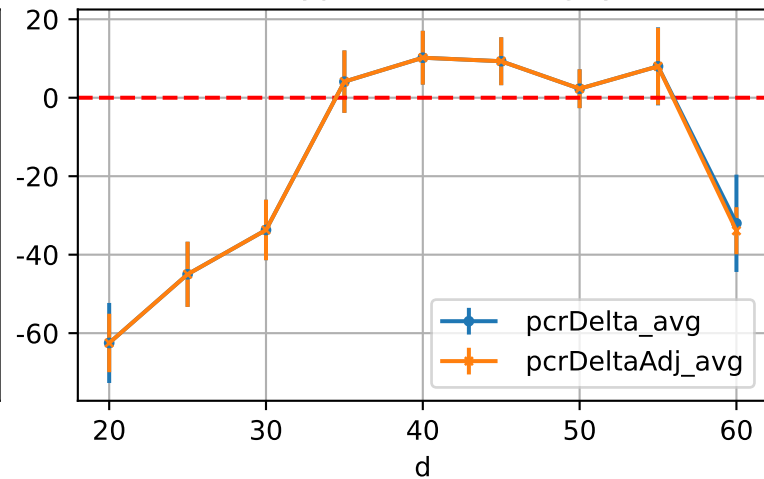
DeltaTypeAbbr=GrpByAge



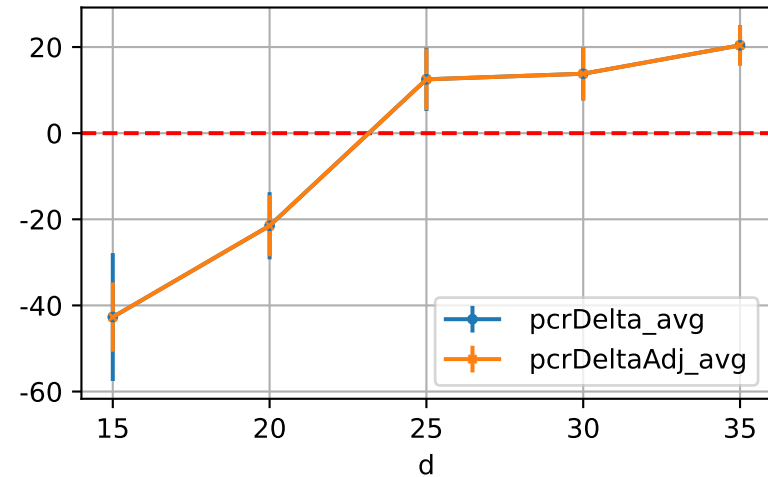
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

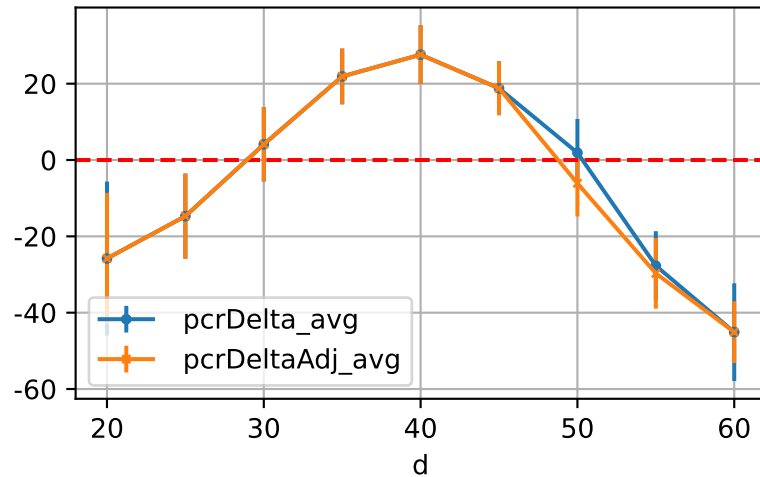


DeltaTypeAbbr=GrpByAge

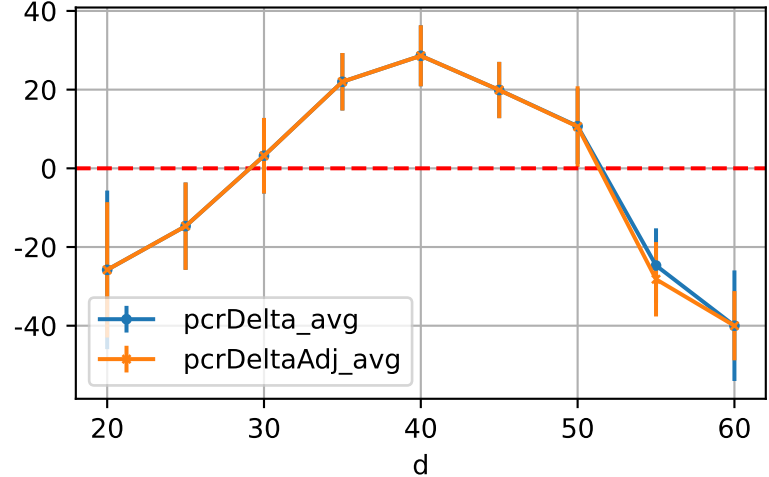


P10AE LfA: D_Est_LfA

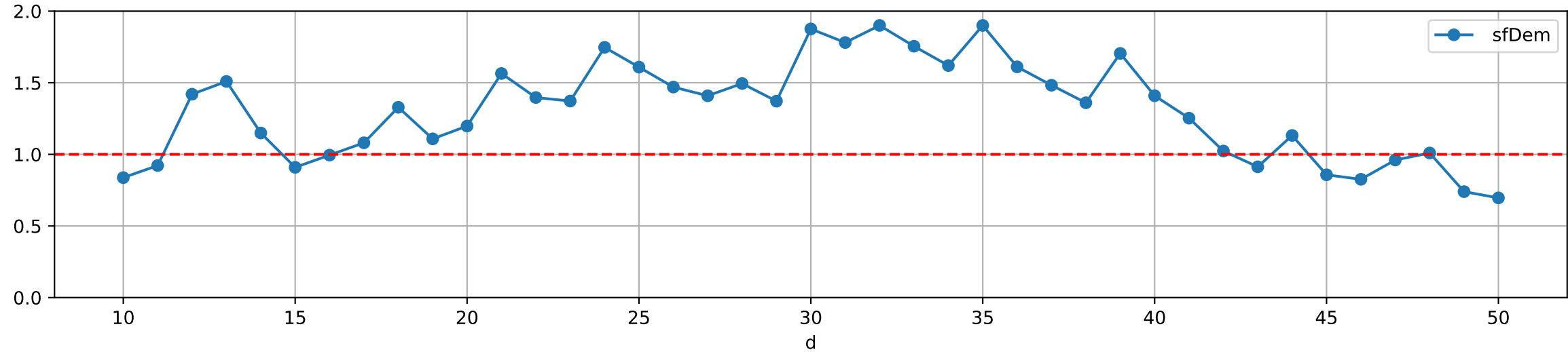
DeltaTypeAbbr=GrpByDay

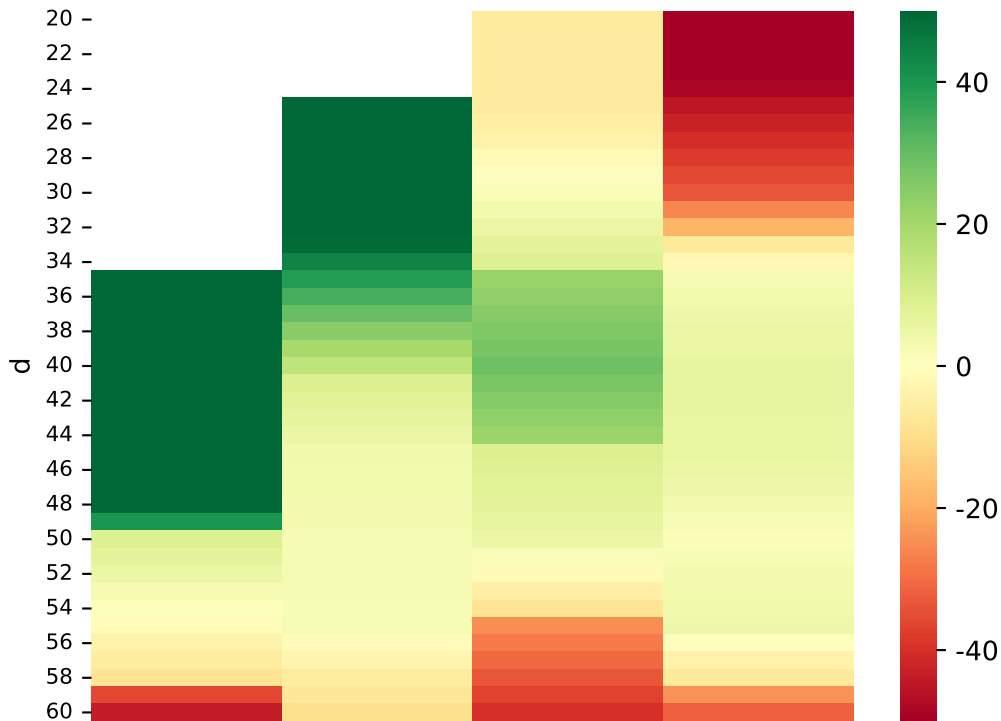


DeltaTypeAbbr=WeiAvgByD



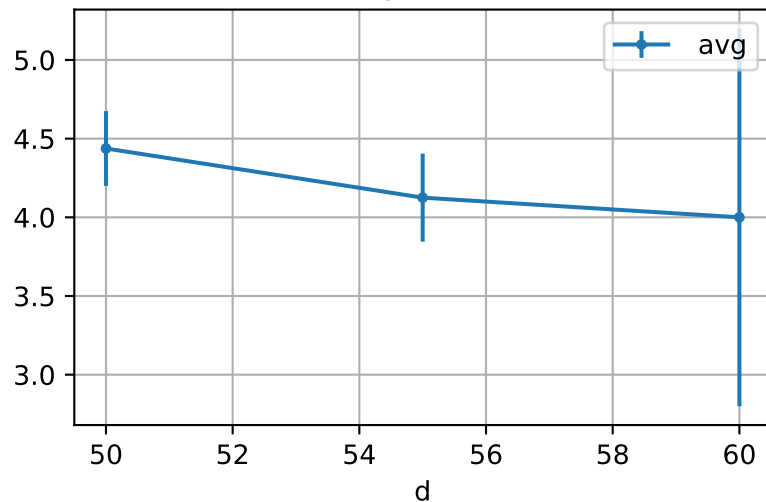
LfA: sfDem



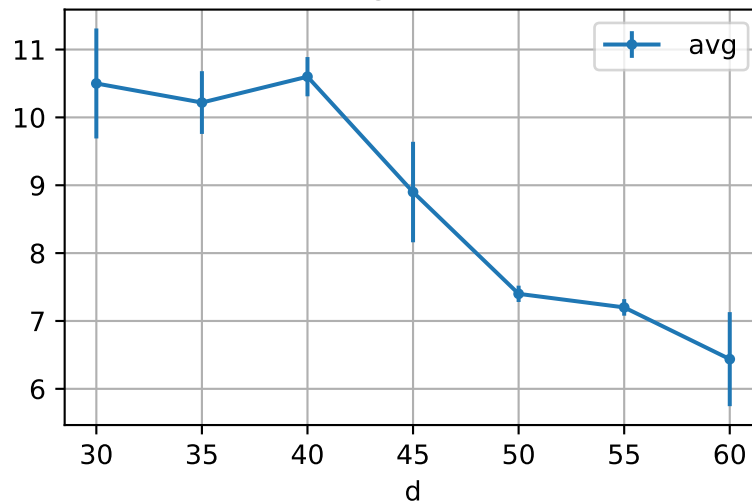


NdD: avg vs. d at each age group

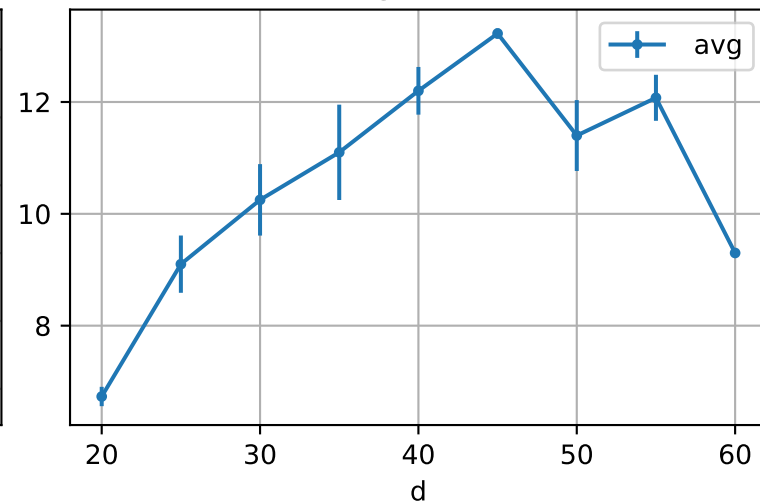
age=15



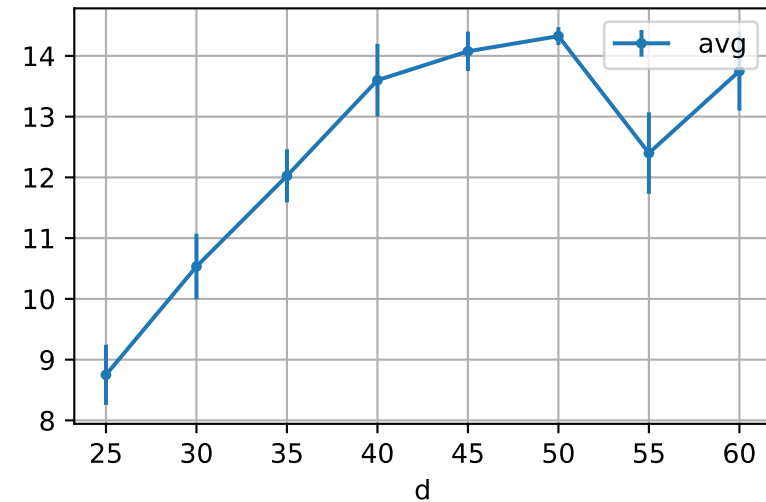
age=20



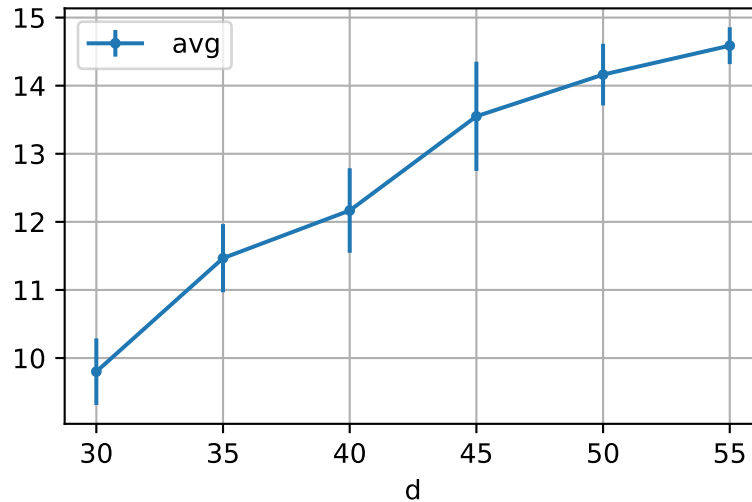
age=25



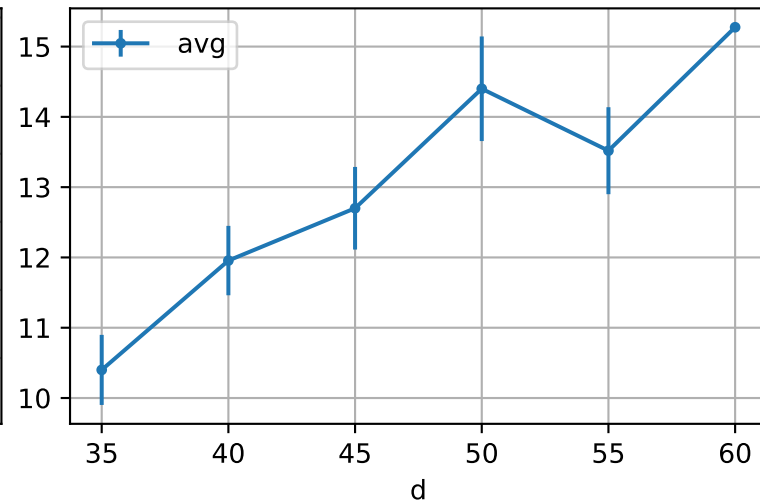
age=30



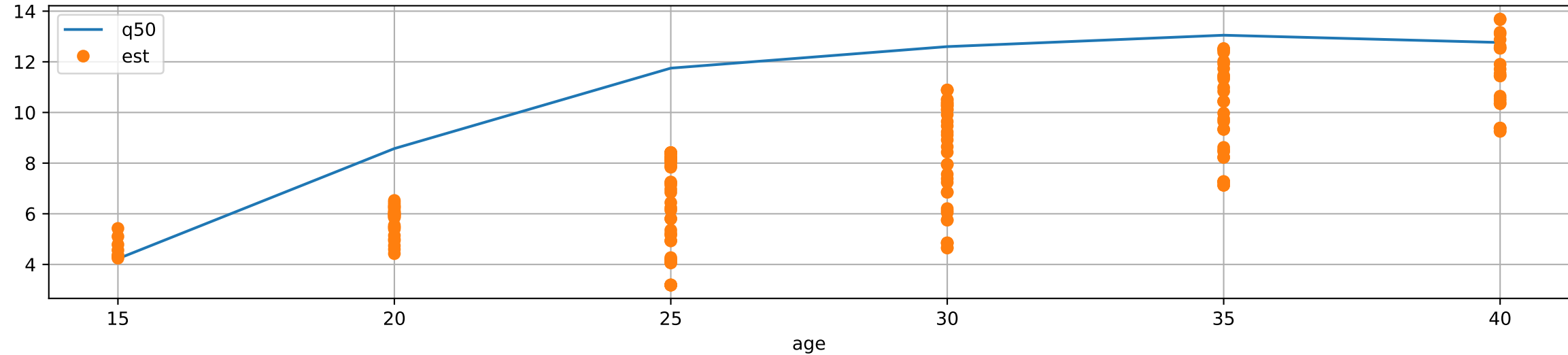
age=35



age=40

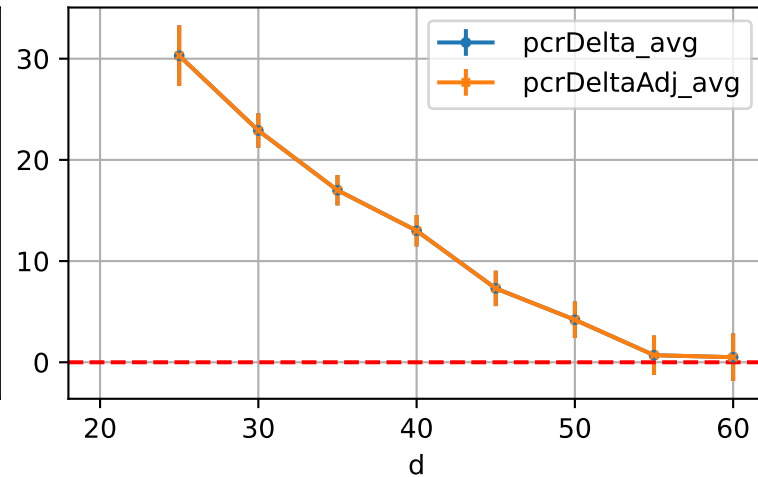


NdD: model est vs obsOv@Q50

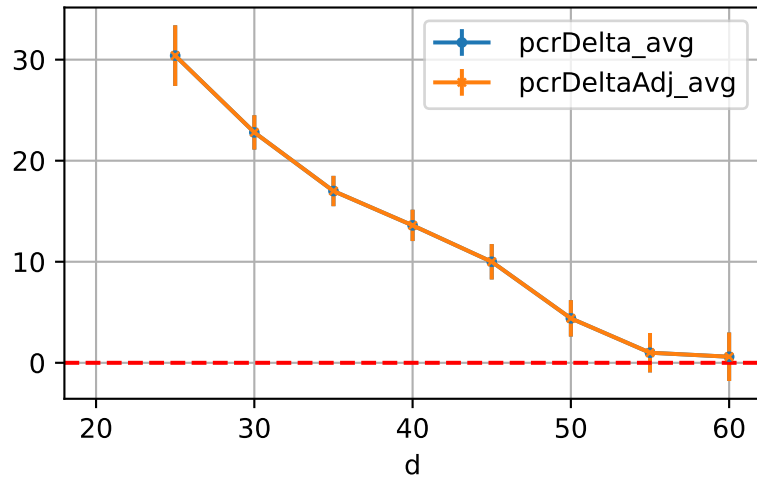


P10AE NdD: D_5d_NdD

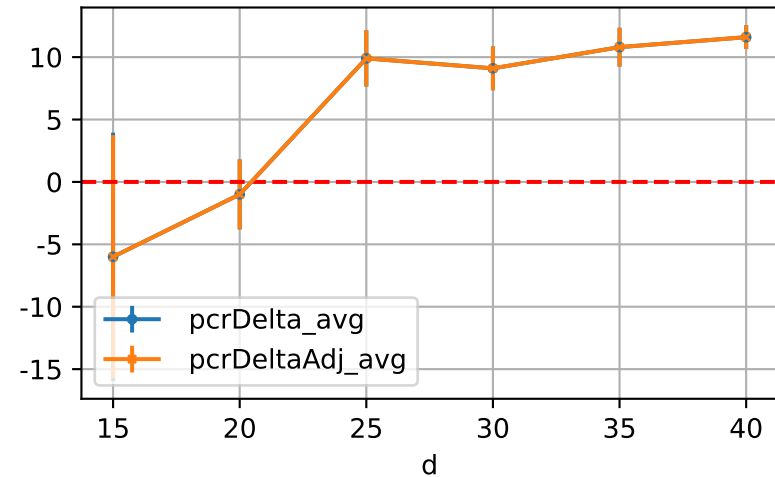
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

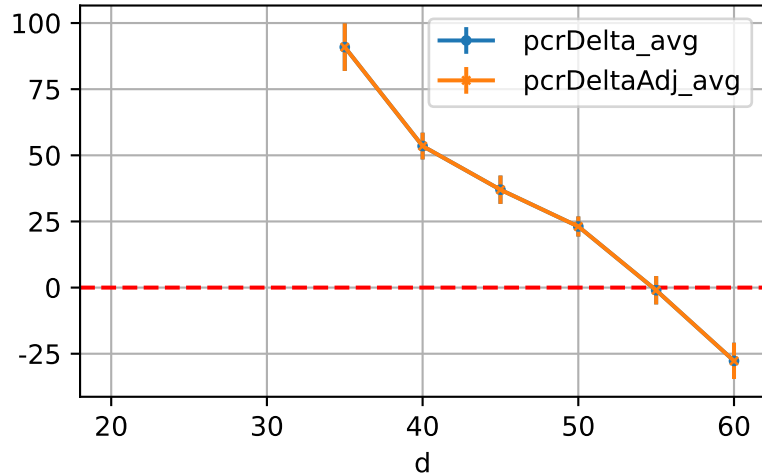


DeltaTypeAbbr=GrpByAge

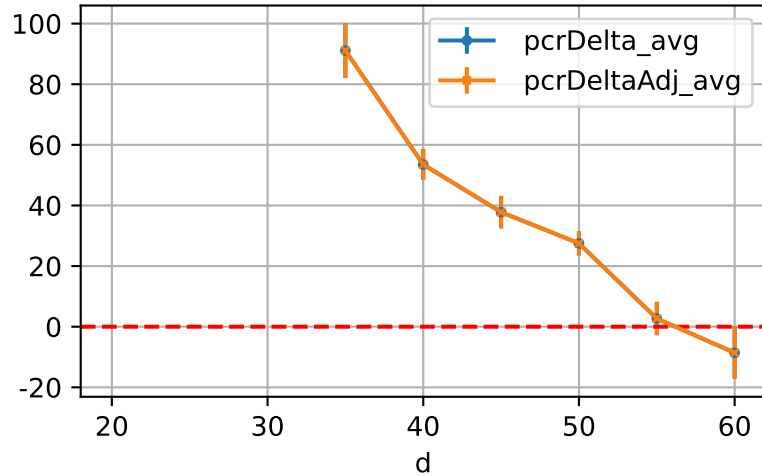


P10AE NdD: D_15d_NdD

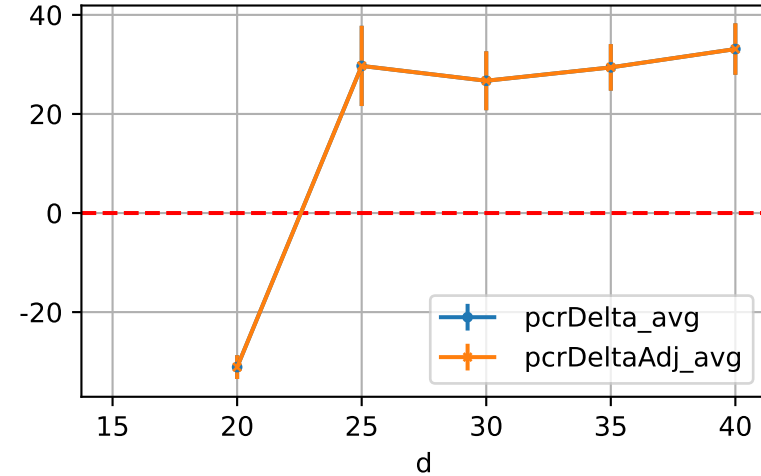
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

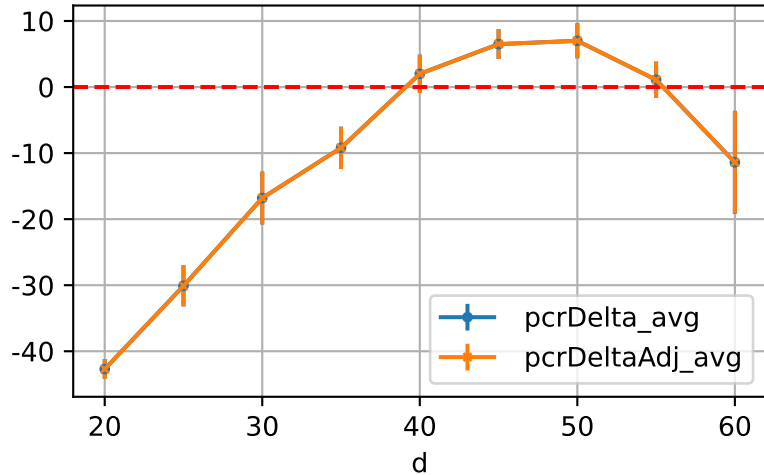


DeltaTypeAbbr=GrpByAge

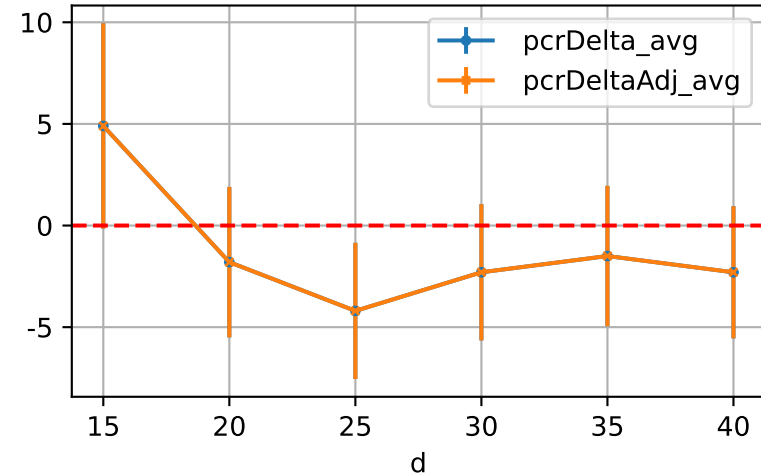


P10AE NdD: D_Q50_NdD

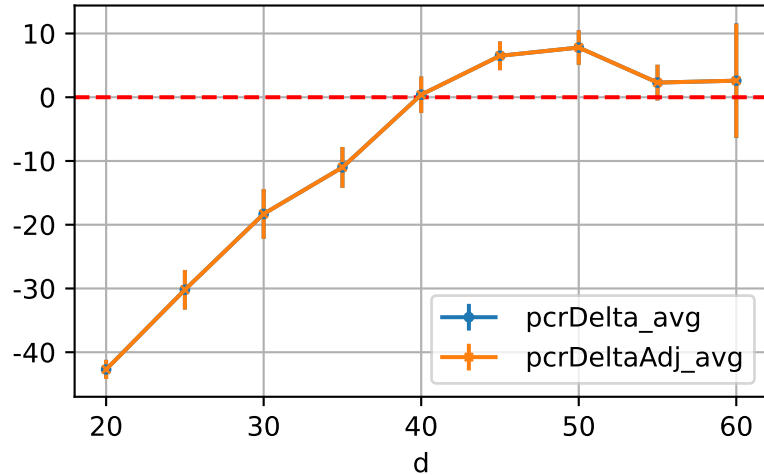
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

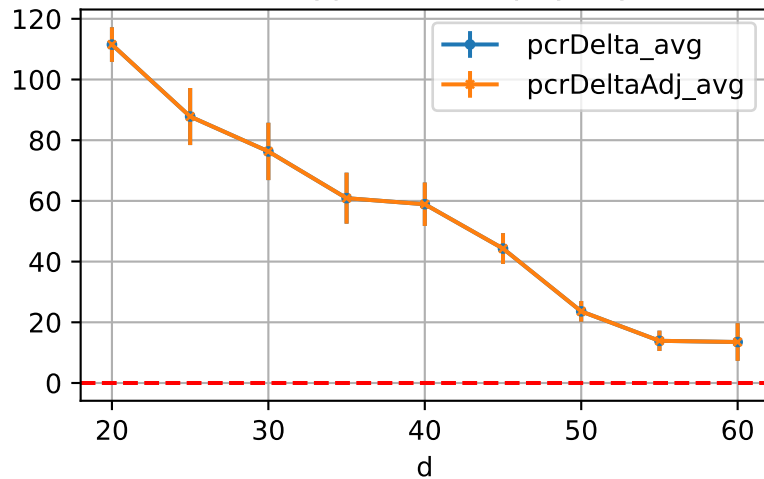


DeltaTypeAbbr=WeiAvgByD

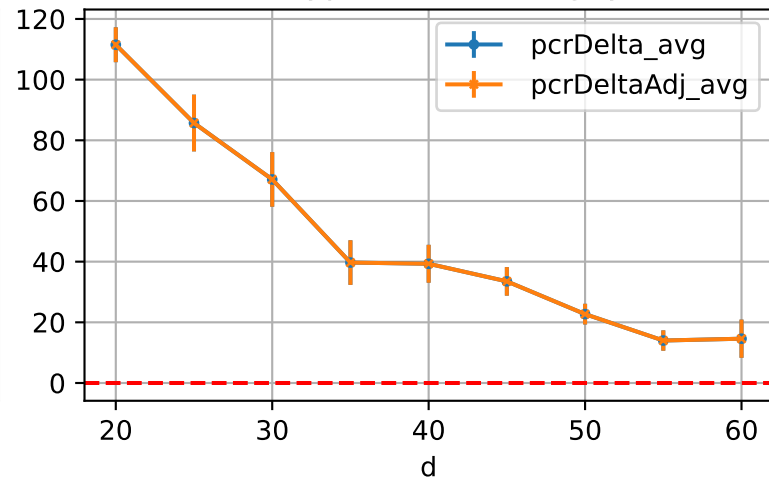


P10AE NdD: D_Est_NdD

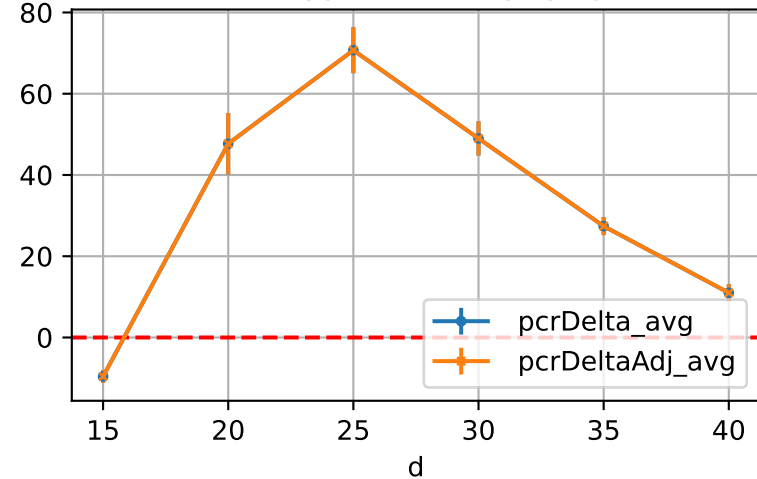
DeltaTypeAbbr=GrpByDay



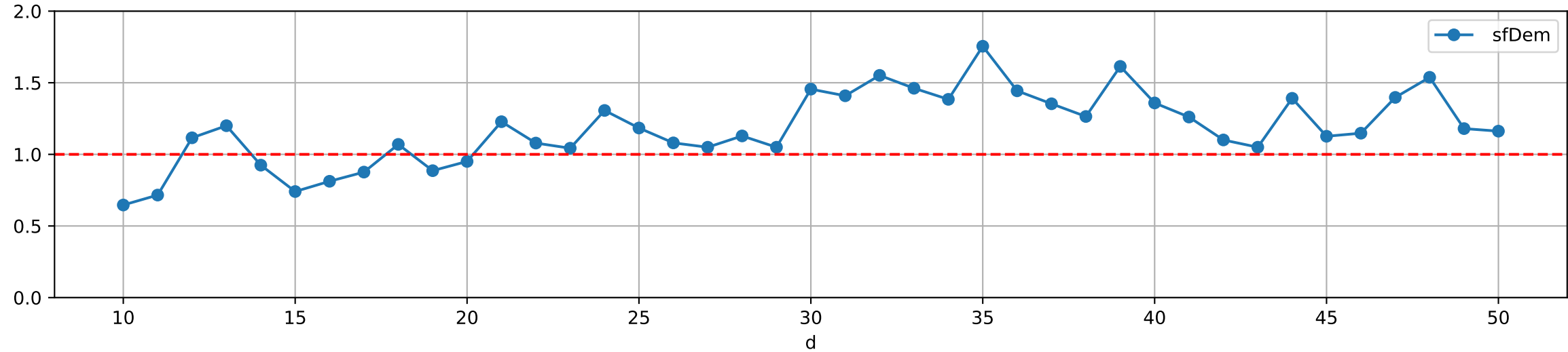
DeltaTypeAbbr=WeiAvgByD

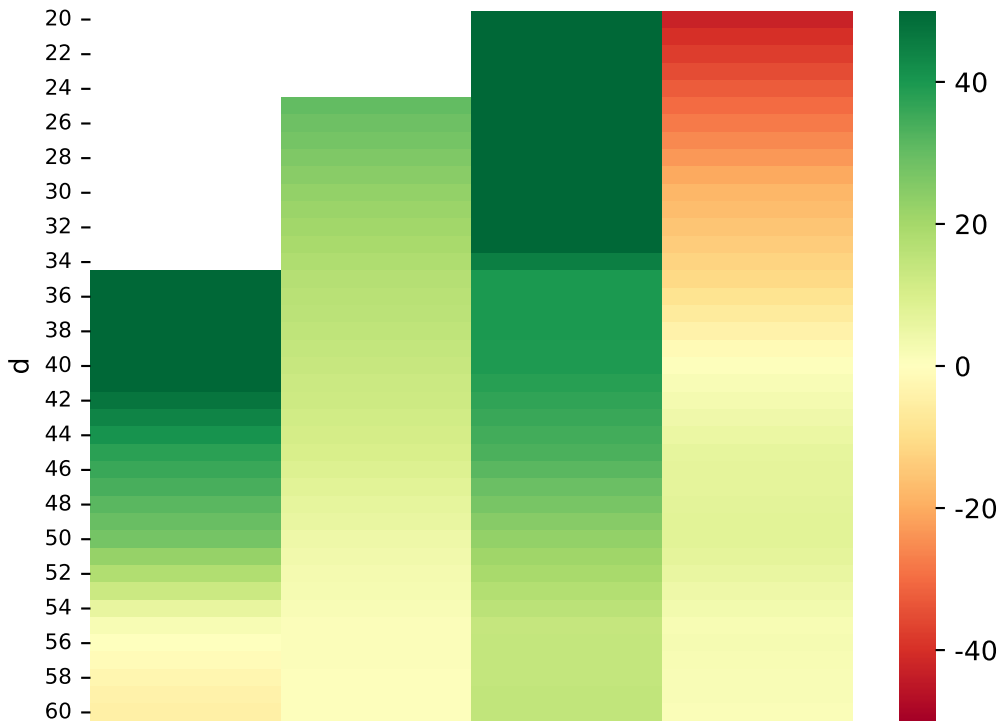


DeltaTypeAbbr=GrpByAge

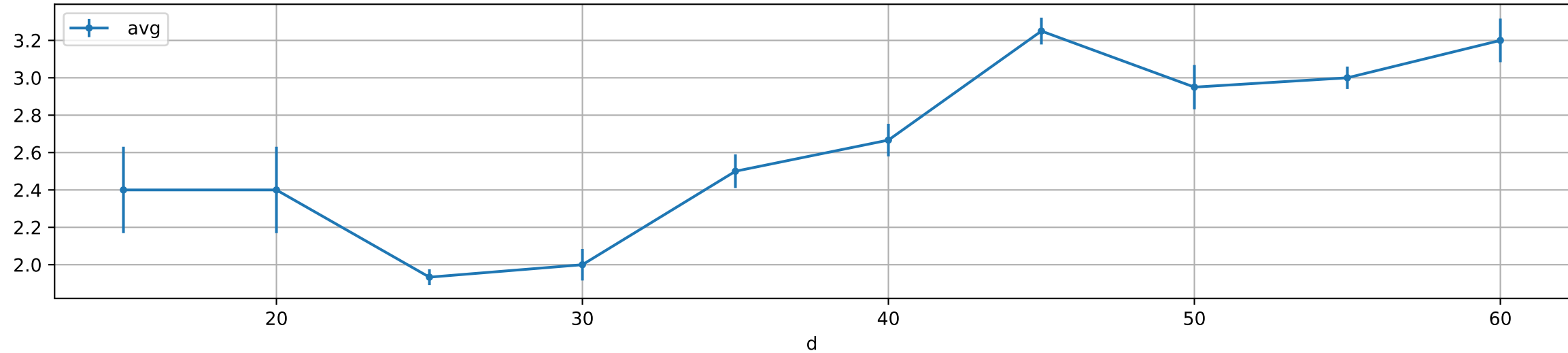


NdD: sfDem

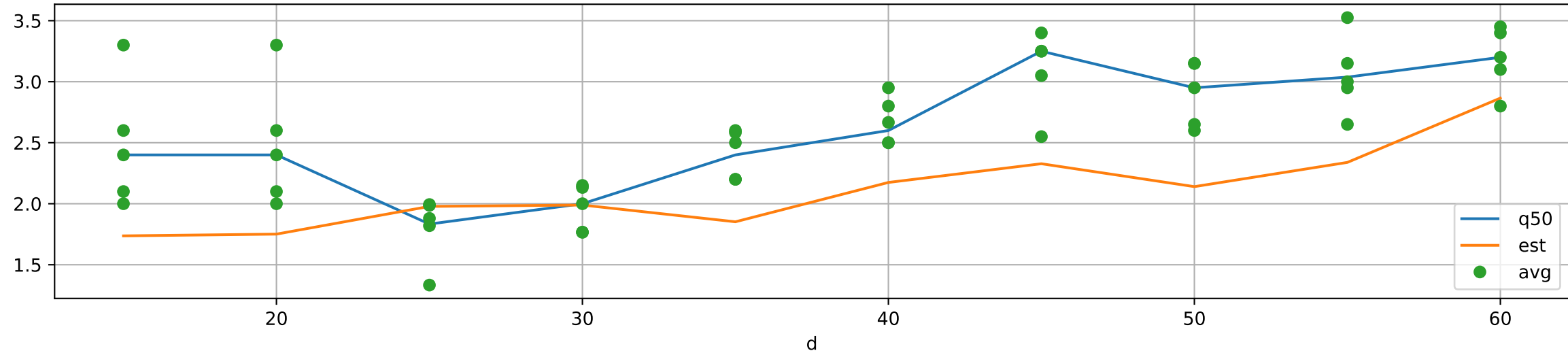




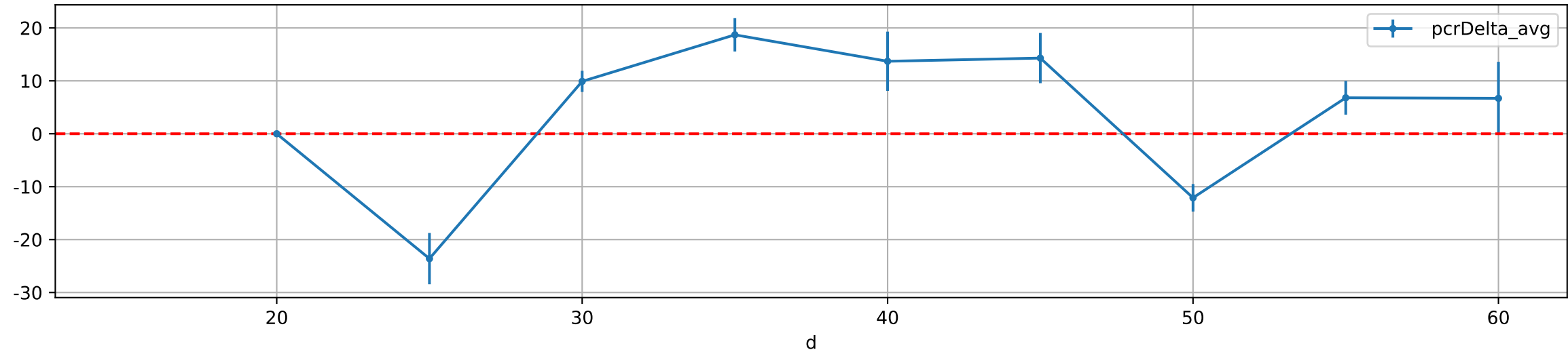
dStH: avg vs. d



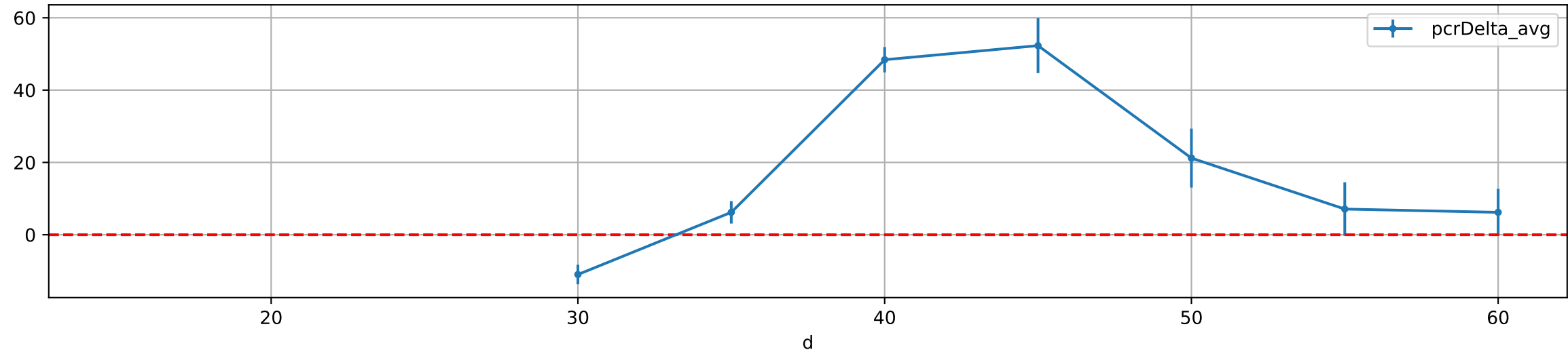
dStH: obsAvg vs obsOv@Q50



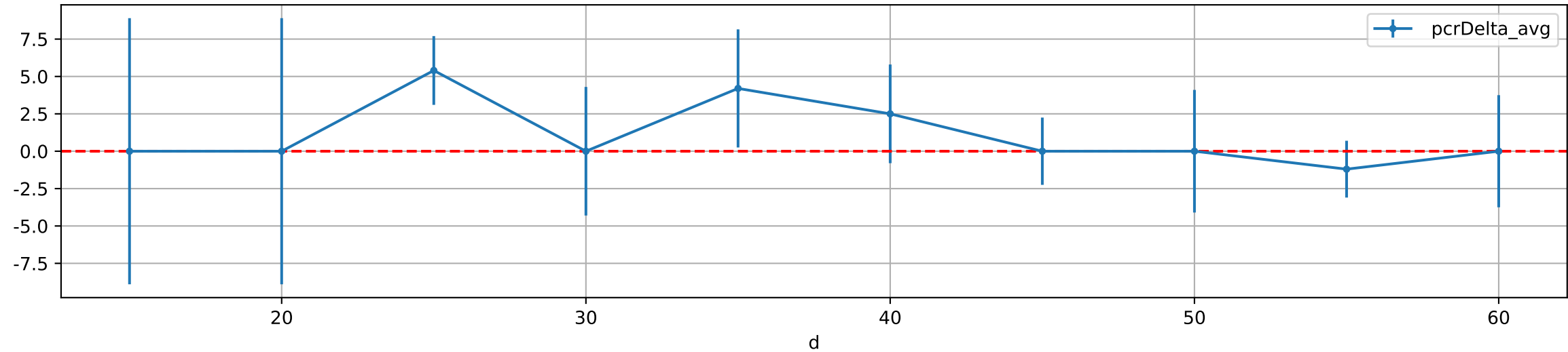
dStH: D_5d_StH



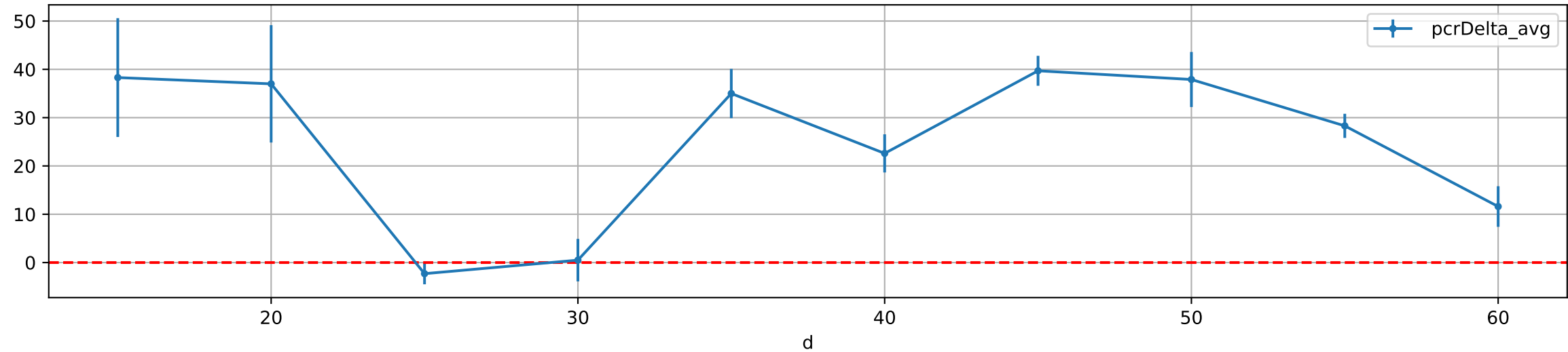
dStH: D_15d_StH



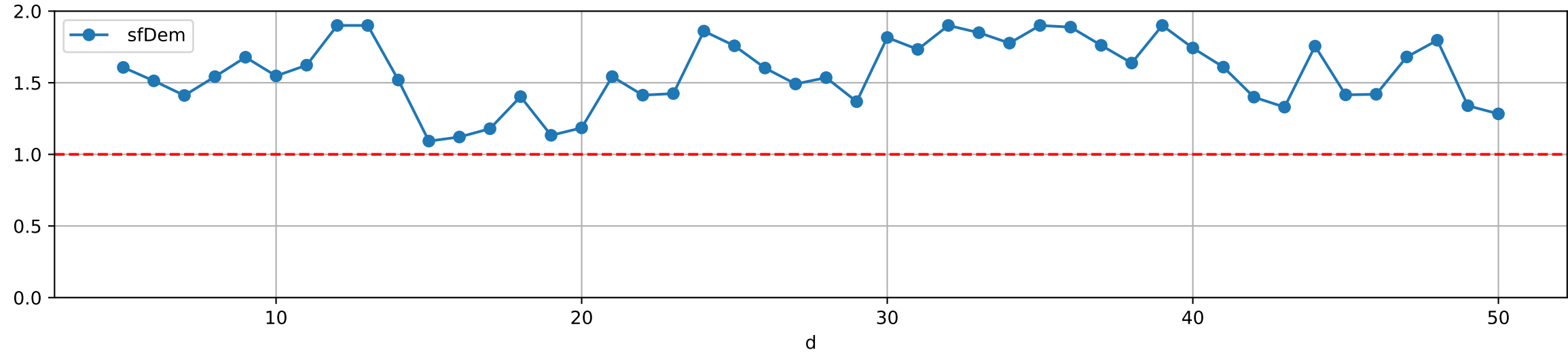
dStH: D_Q50_StH



dStH: D_Est_StH



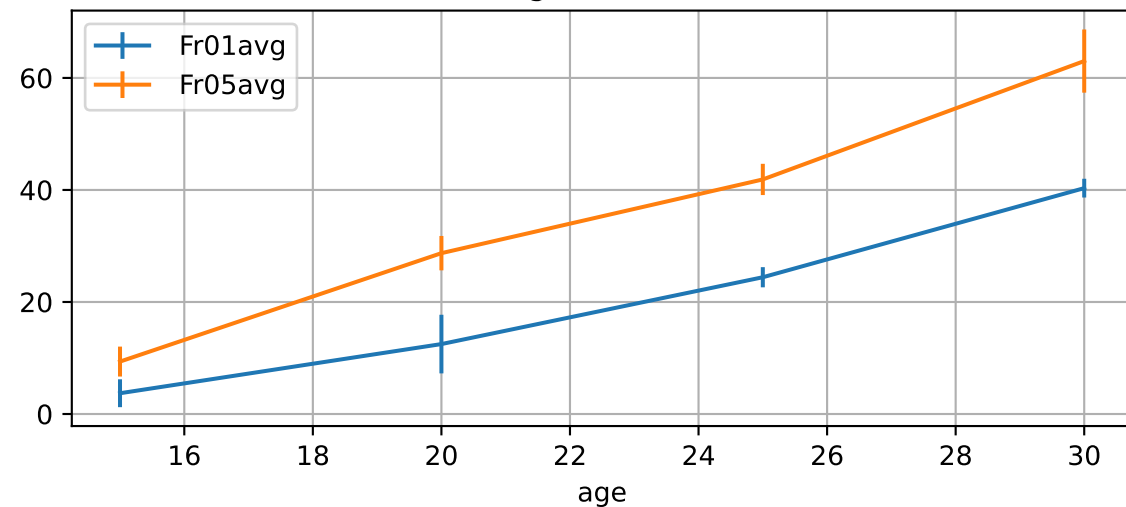
dStH: sfDem



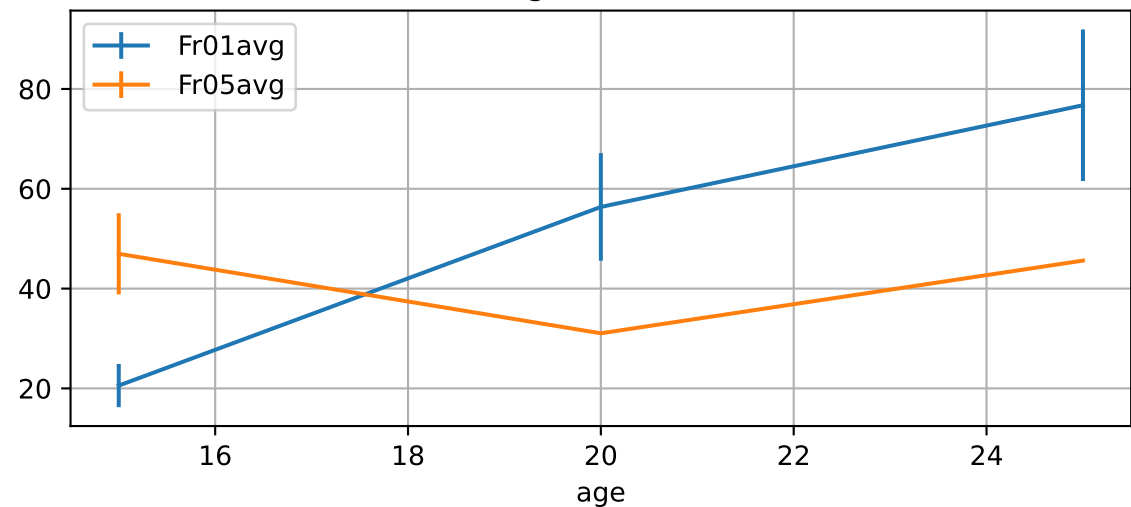


FrV: Fr01 vs Fr05 at each truss

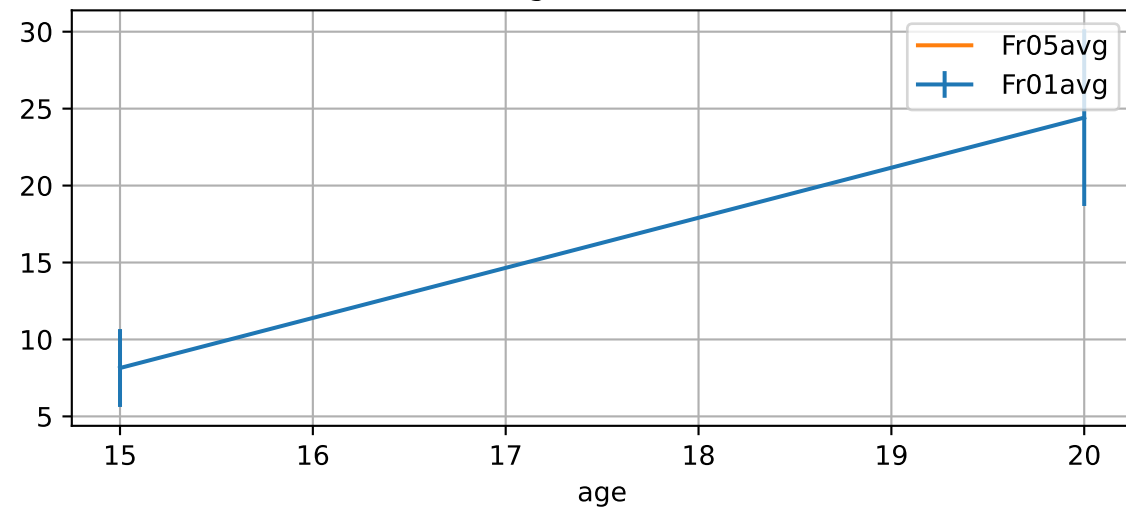
organID=T01



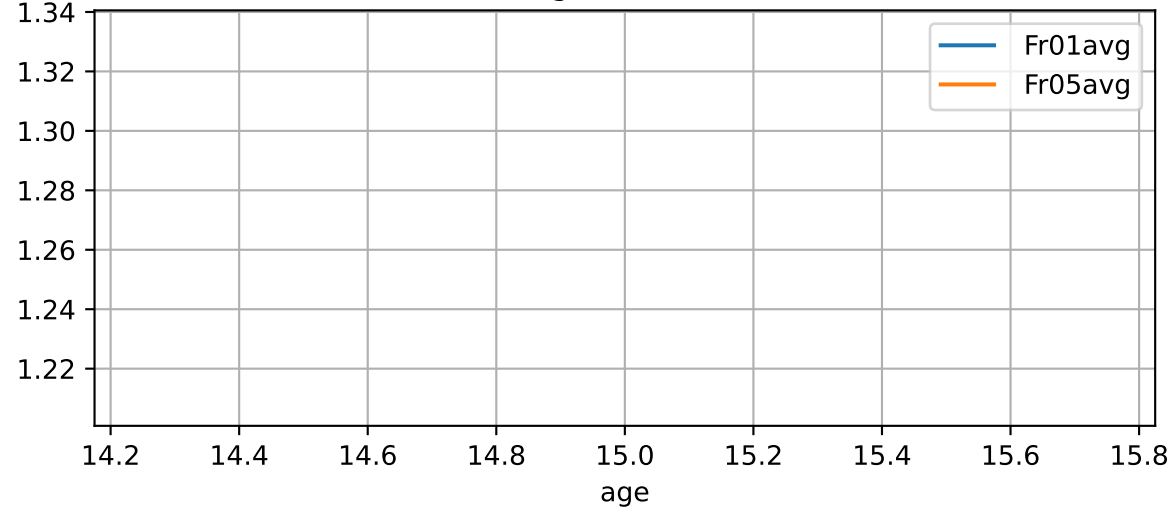
organID=T02



organID=T03

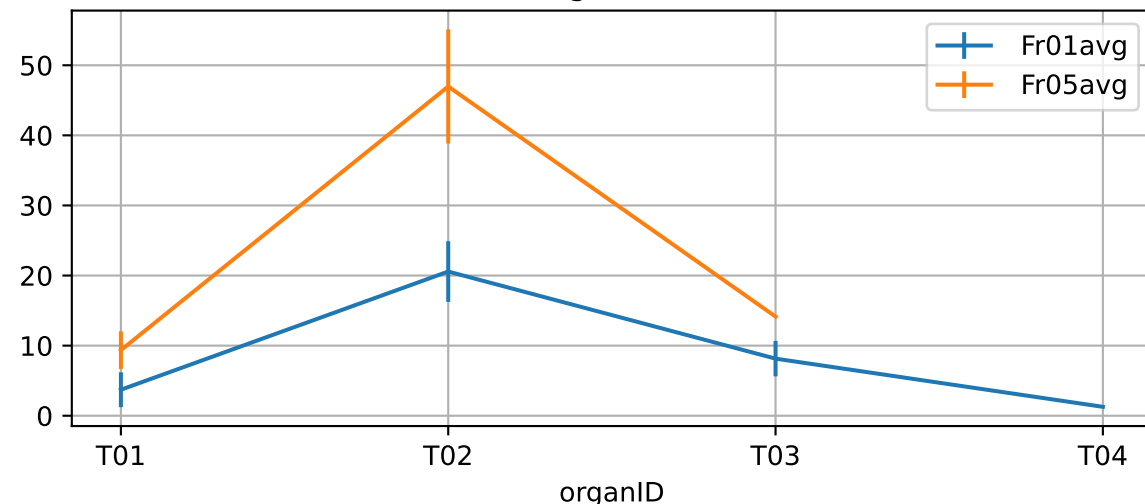


organID=T04

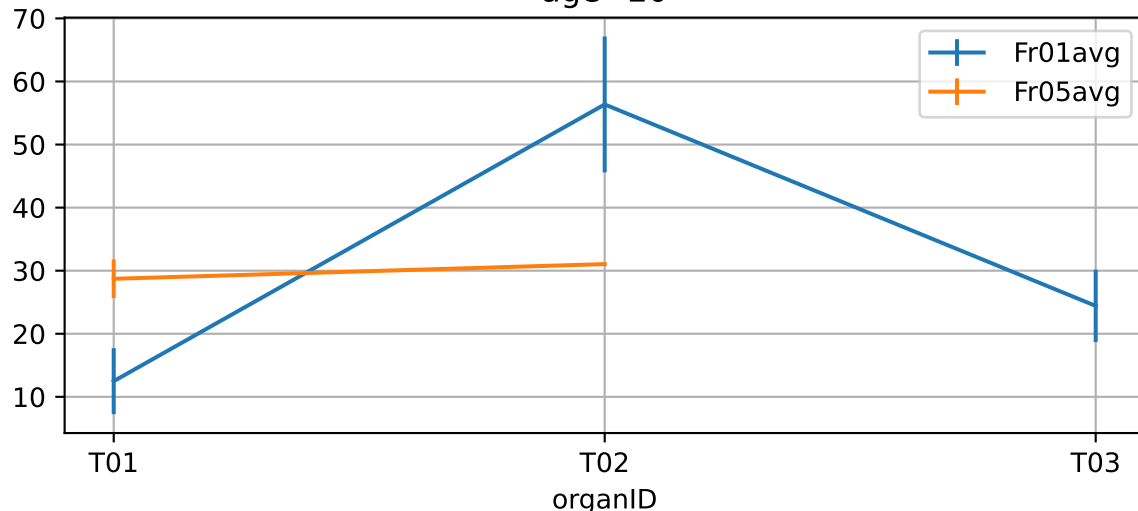


FrV trend at each age

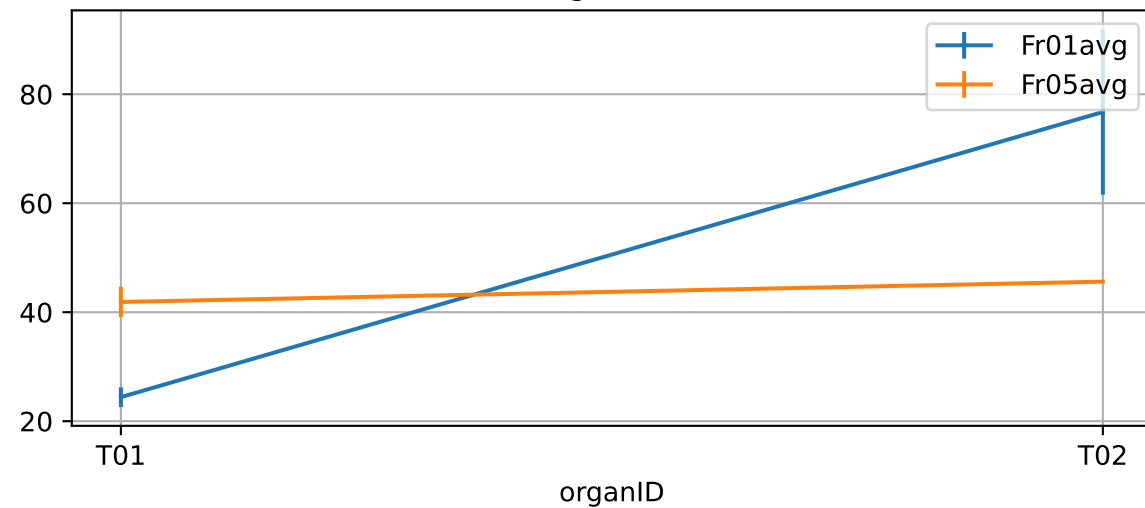
age=15



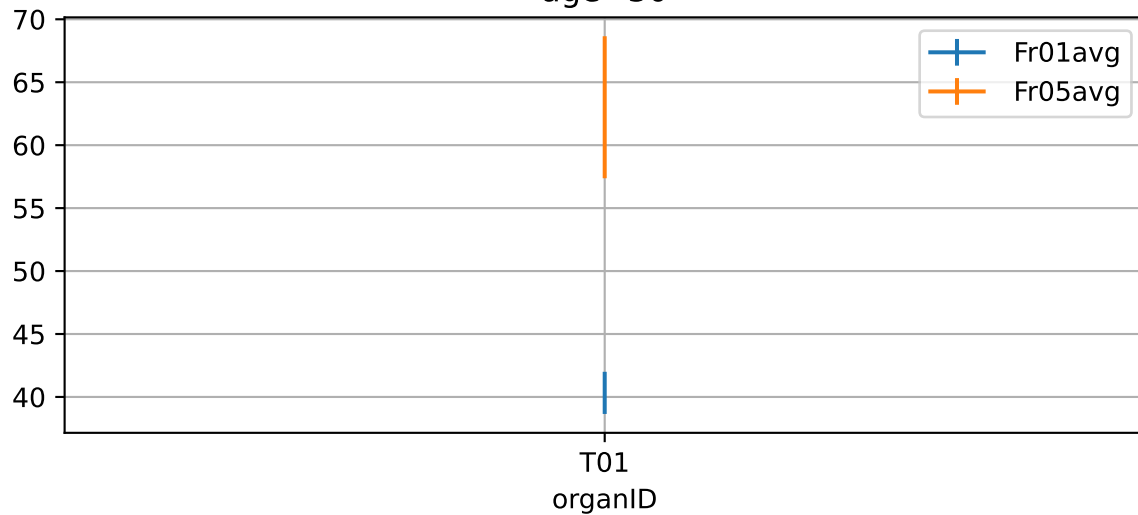
age=20



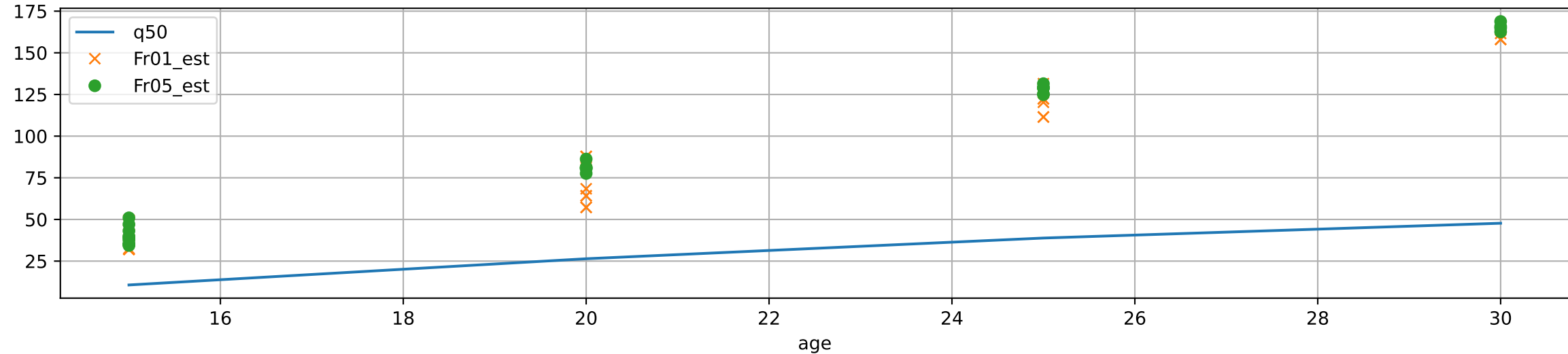
age=25



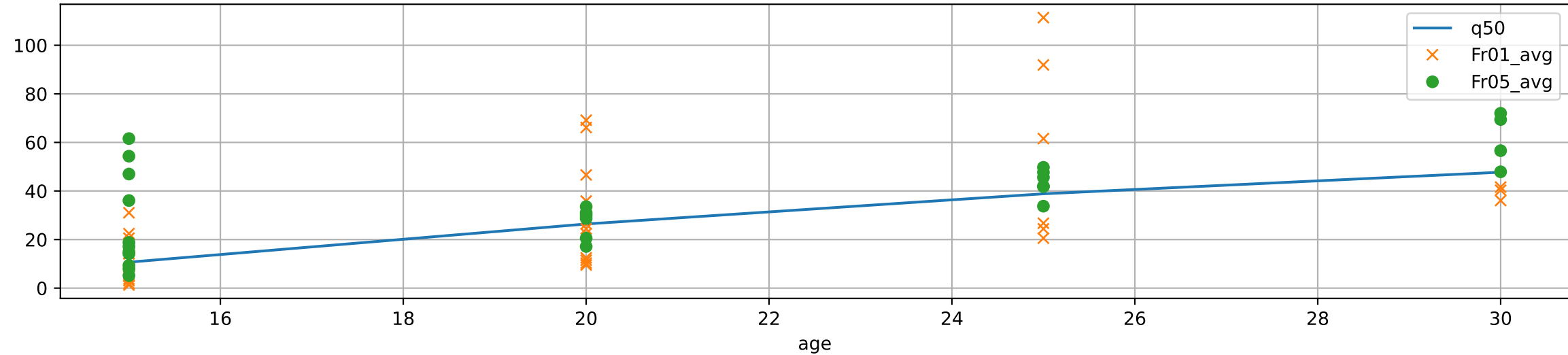
age=30



FrV: model Est vs obsFrV at Q90

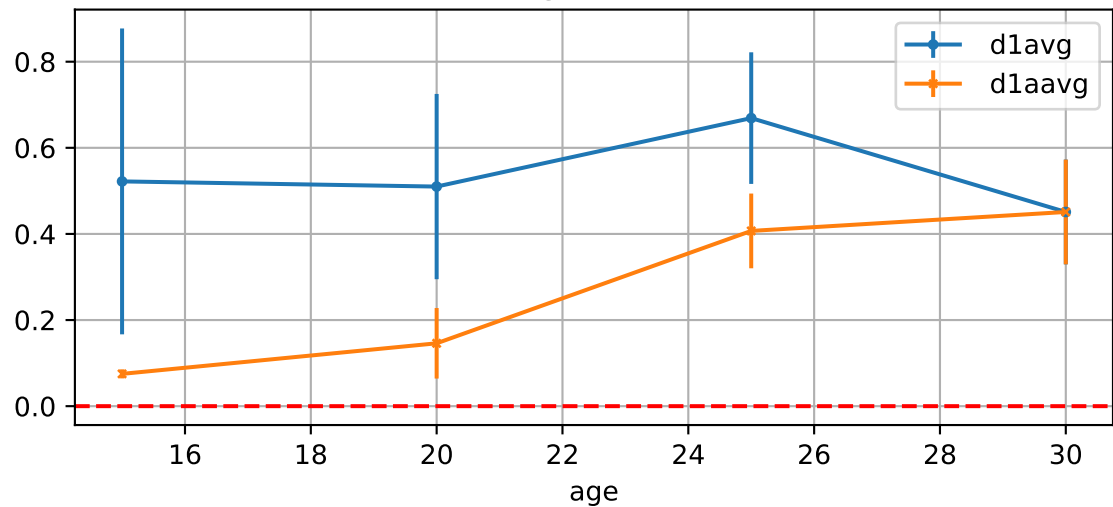


FrV: obsFrV vs obsFrV@Q90

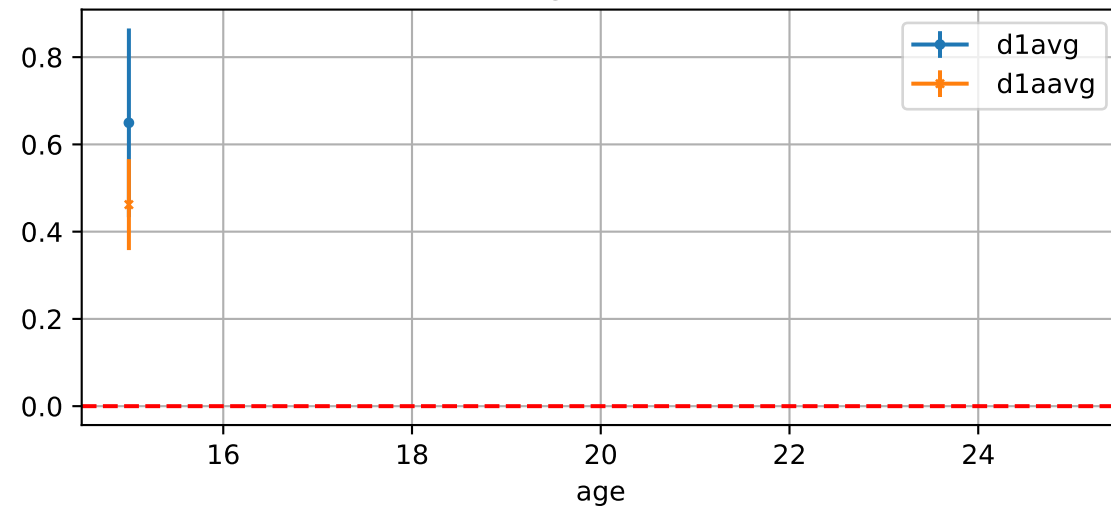


FrV: D_Fr1_FrV

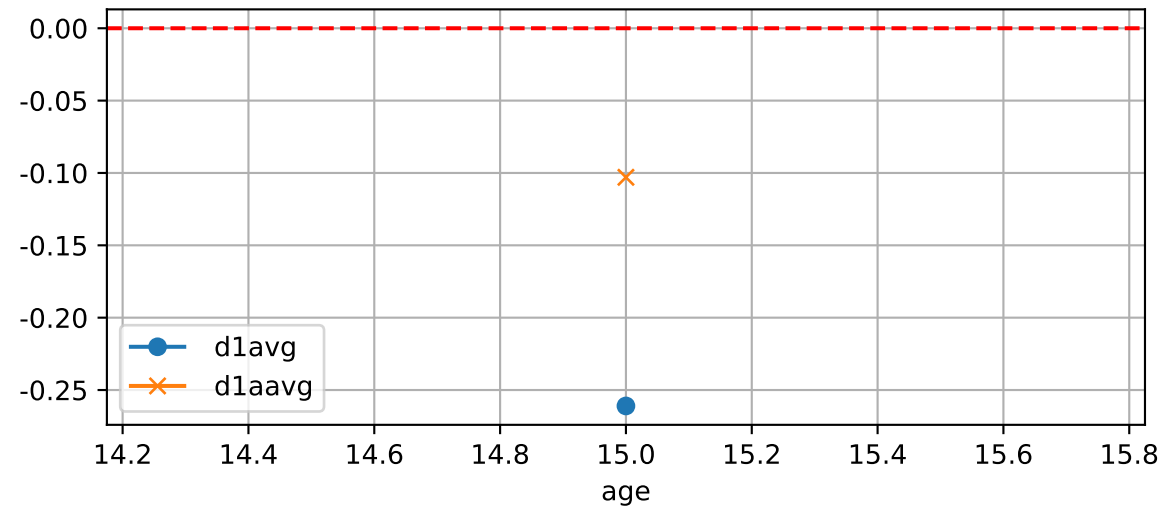
organID=1



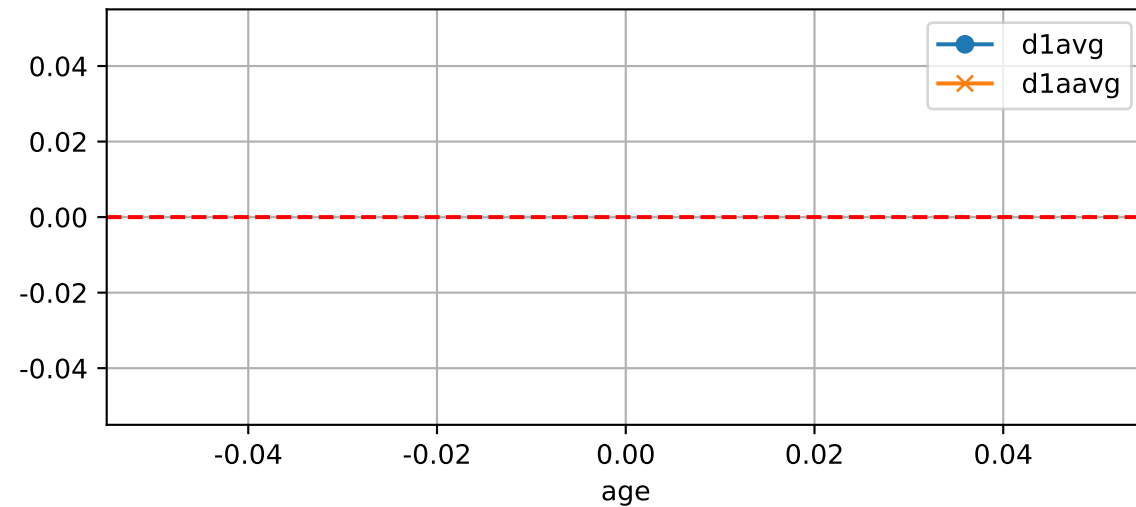
organID=2



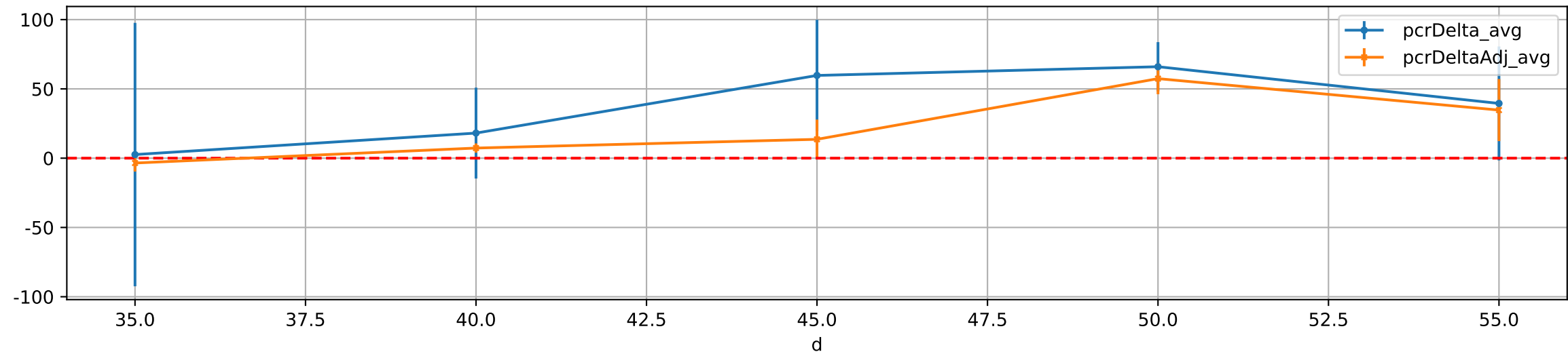
organID=3



organID=4

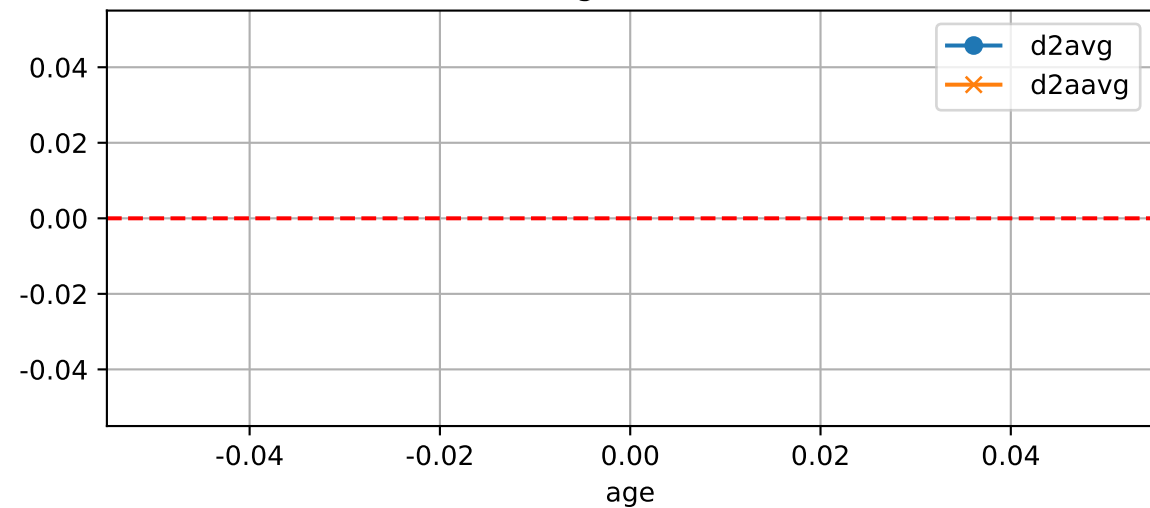


P10AE FrV: D_Fr1_FrV

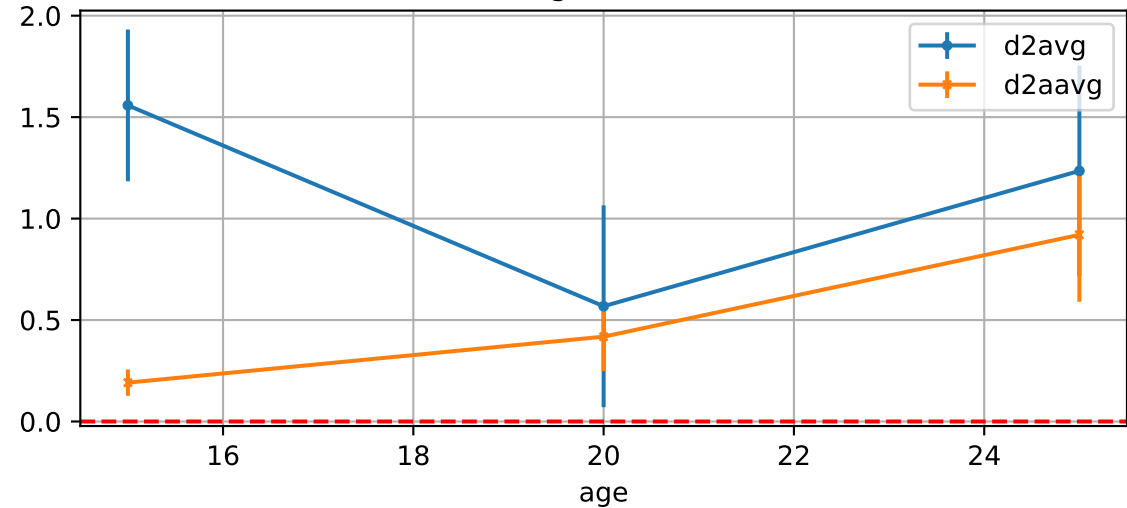


FrV: D_Ts_FrV

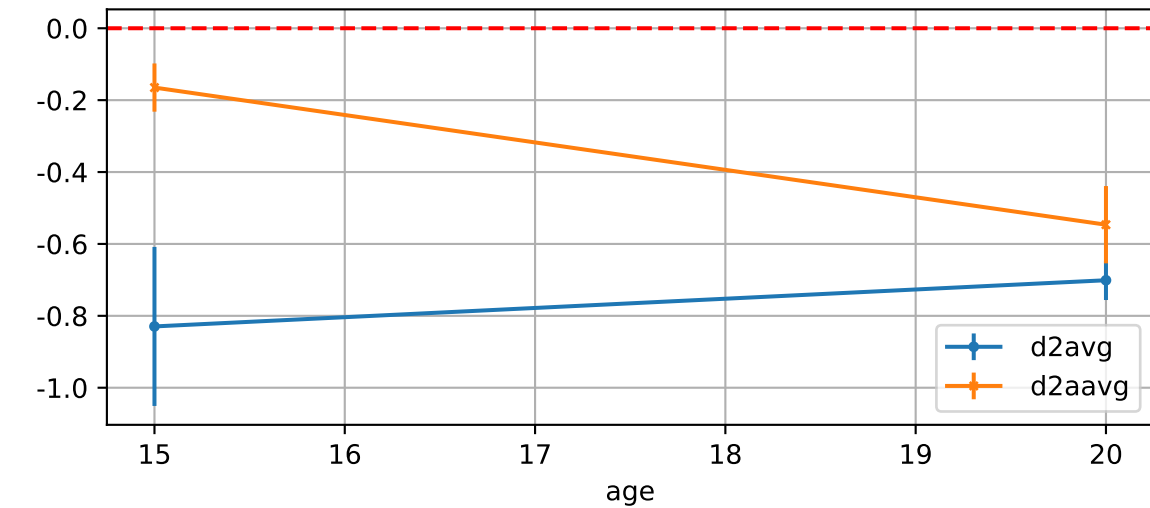
organID=1



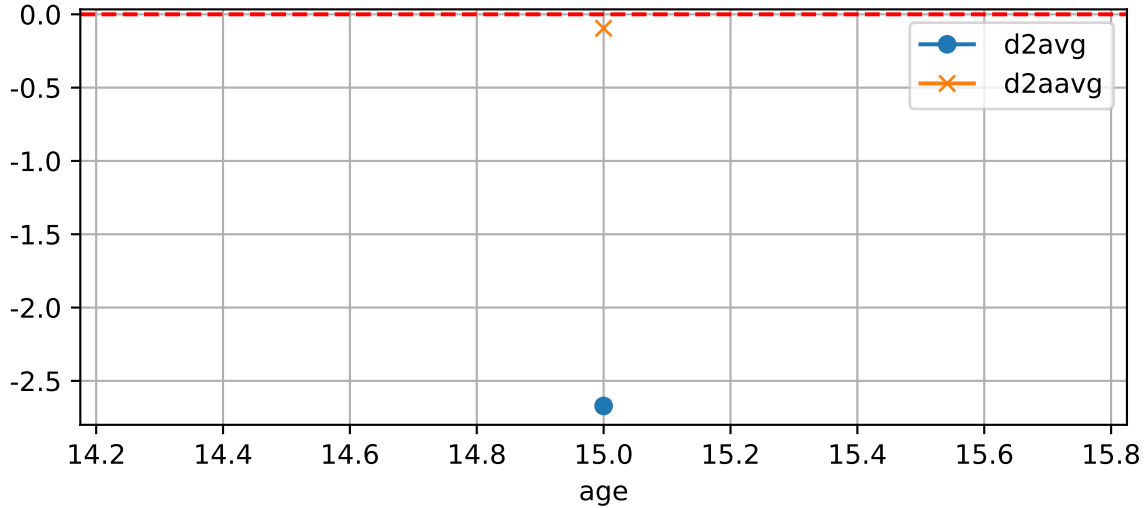
organID=2



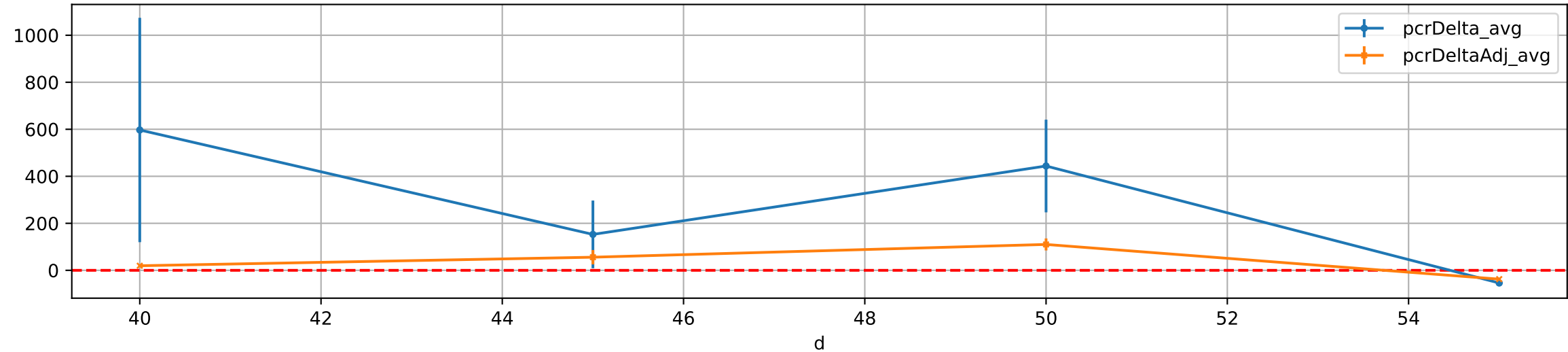
organID=3



organID=4

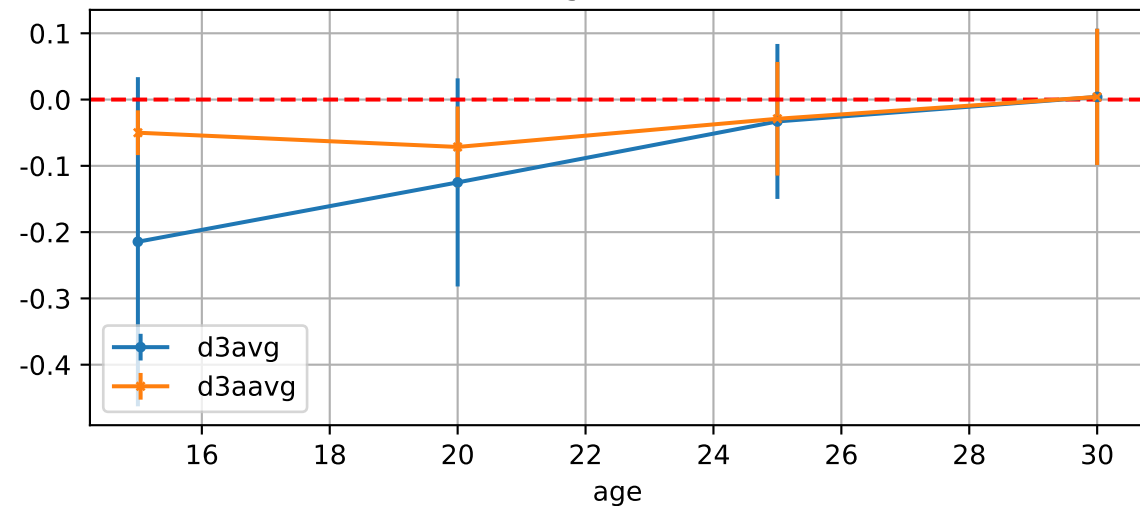


P10AE FrV: D_Ts_FrV

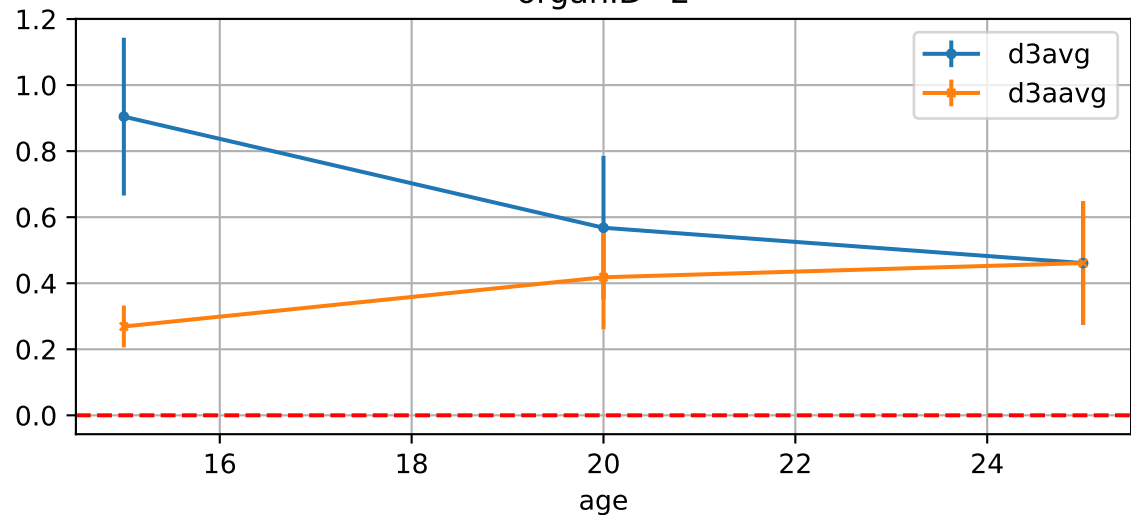


FrV: D_Q50_FrV

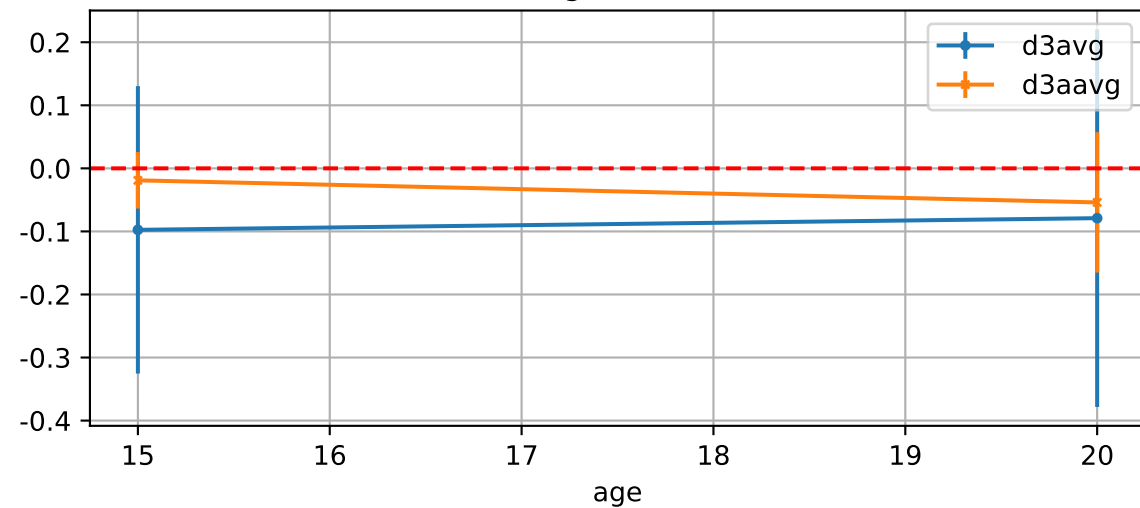
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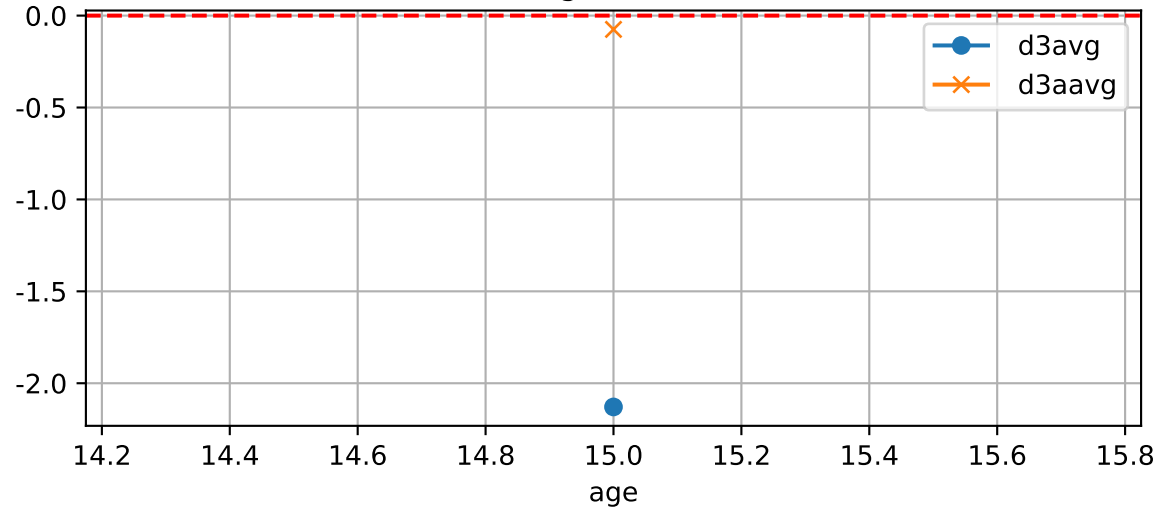
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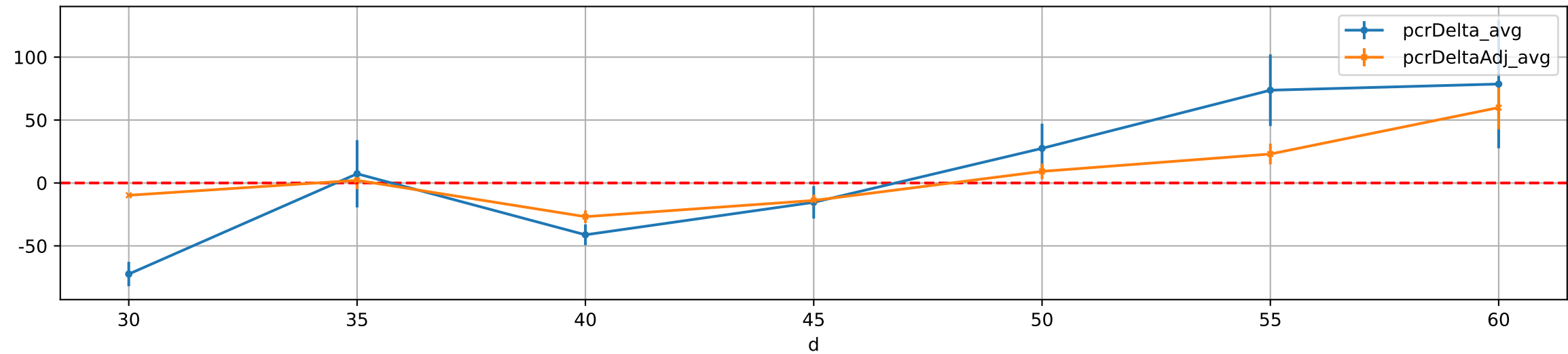
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organID=4

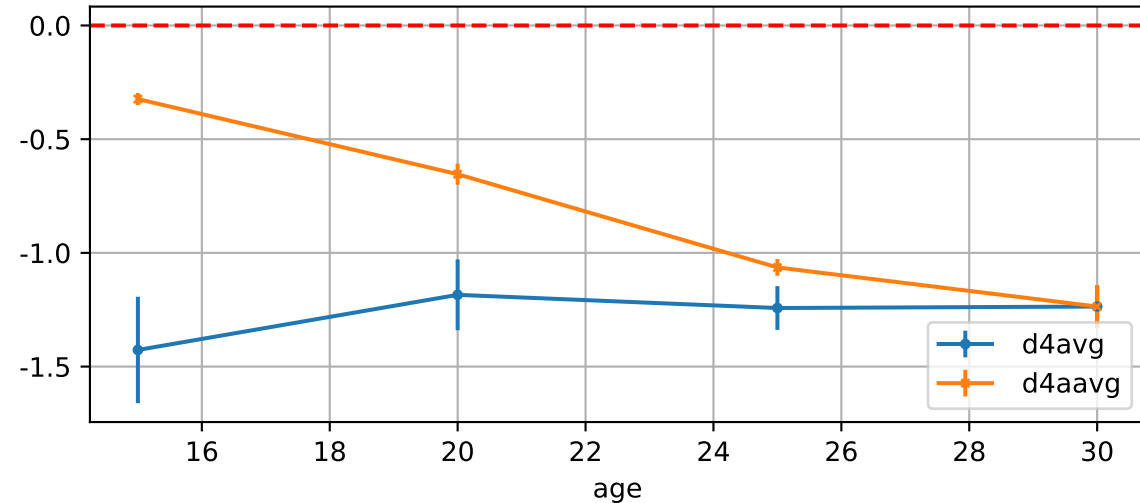


P10AE FrV: D_Q50_FrV

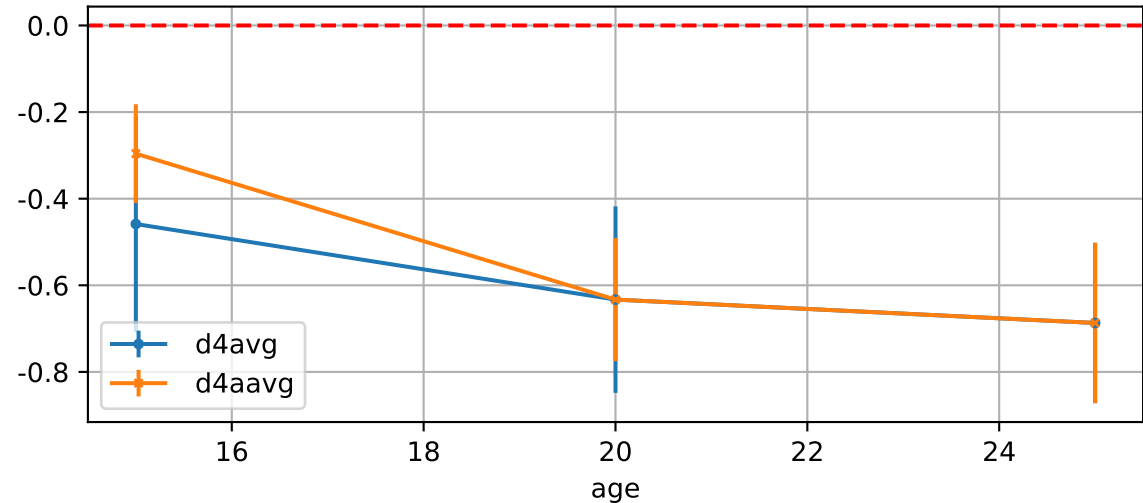


FrV: D_Est_FrV

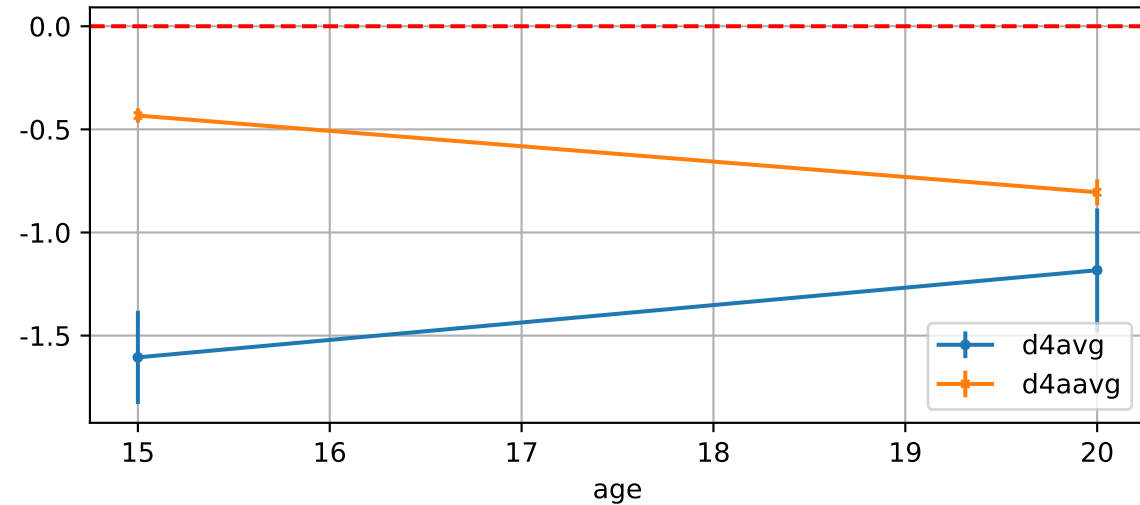
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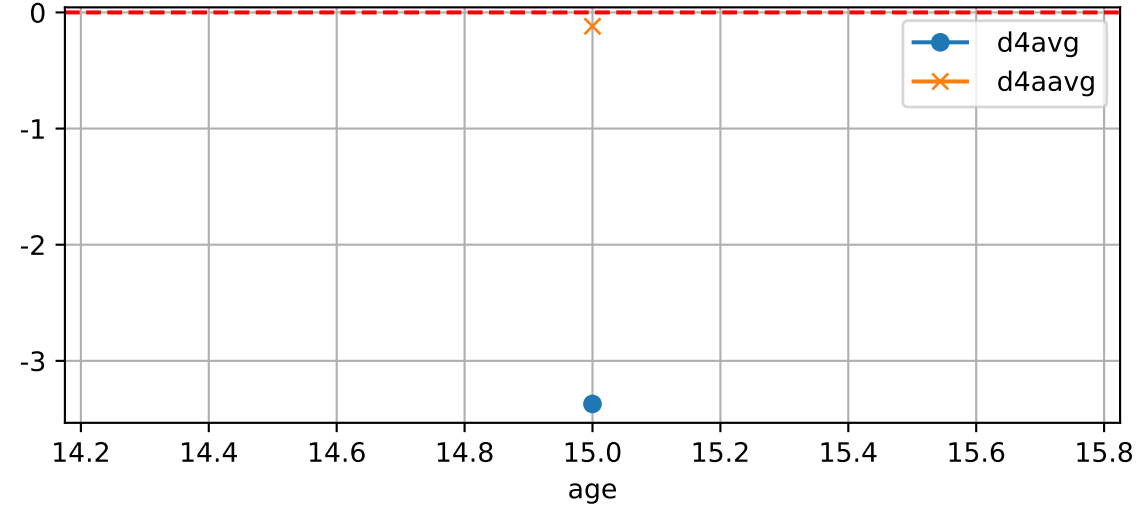
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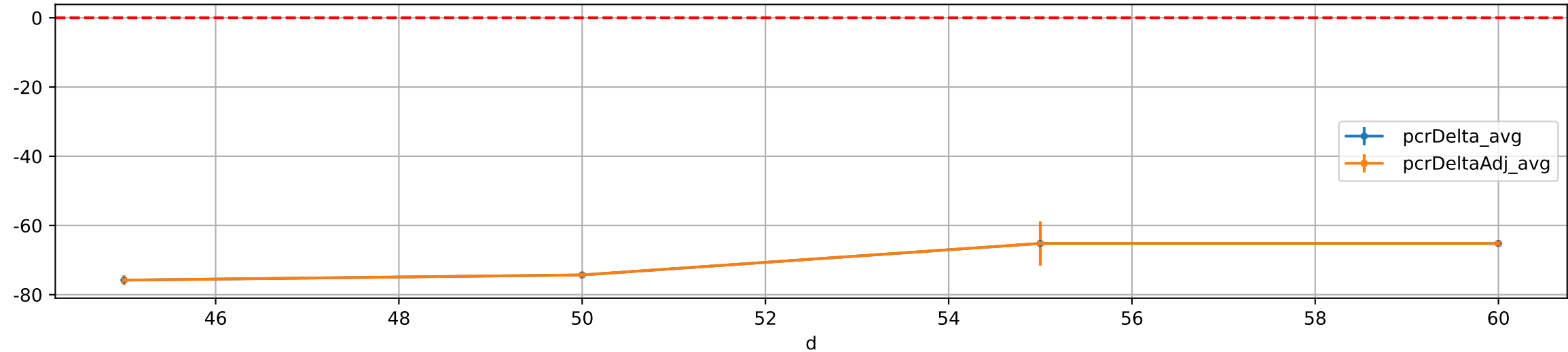
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organID=4



P10AE FrV: D_Est_FrV



P10AE FrV: sfDem

