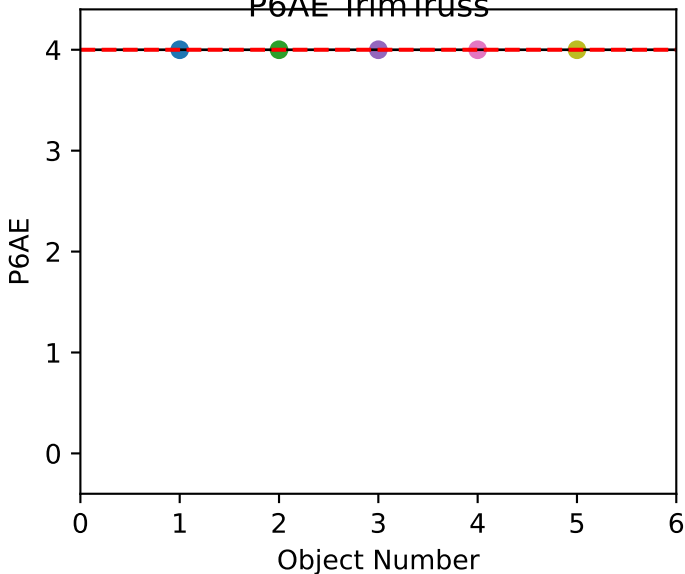


Phenotype Data Analysis Plots
PhenoData day range = 5 - 44
Analysis cutoff day = 44
NC11 P6
2025-05-19 (Day 44)

TrussNodeMaxPerStem (Def=4.0 Set=4)

avg1=4.0~0% avg2=na

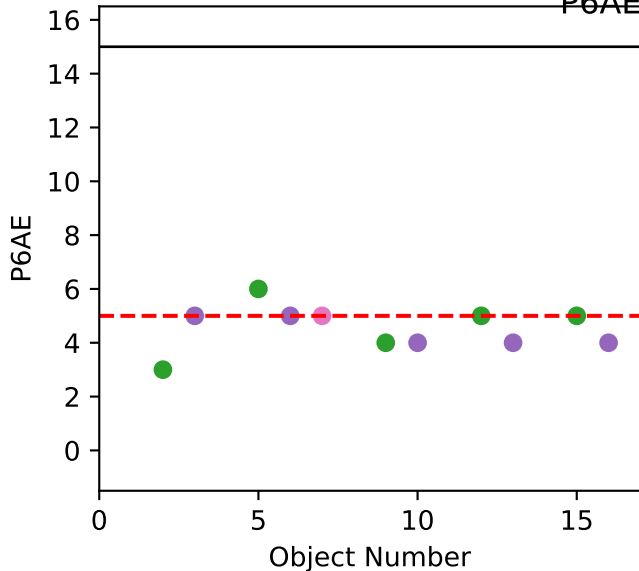
P6AE TrimTruss



FruitNumAvgPerTruss (Def=15 Set=5)

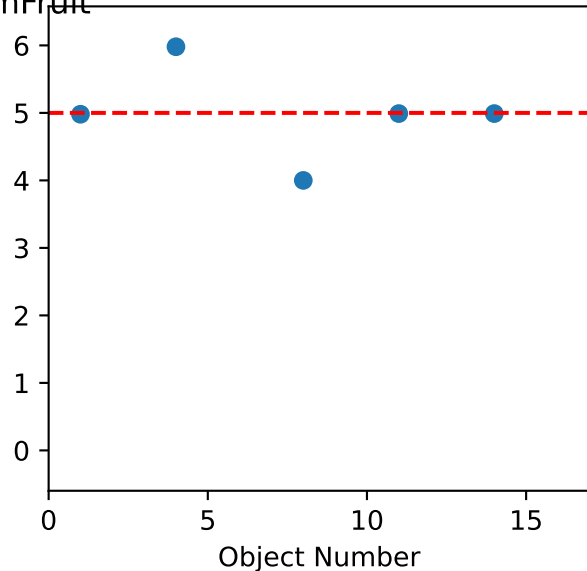
avg1=5.0~16% avg2=na

P6AE TrimFruit

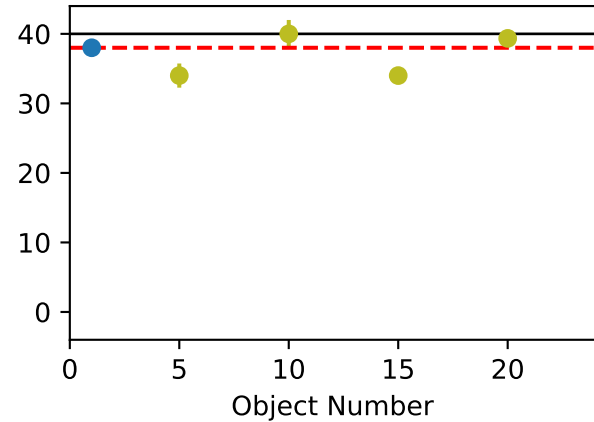


FruitNumMaxPerTruss (Def=na Set=5)

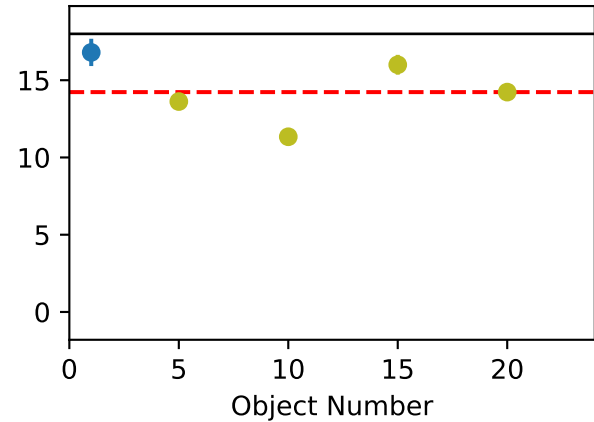
avg1=5.0~0% avg2=na



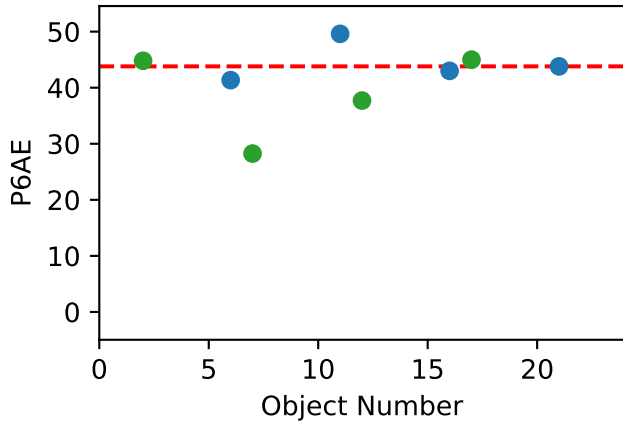
LfL_Q90AbsY (Def=40 Set=38.0)
avg1=38.0~8% avg2=na



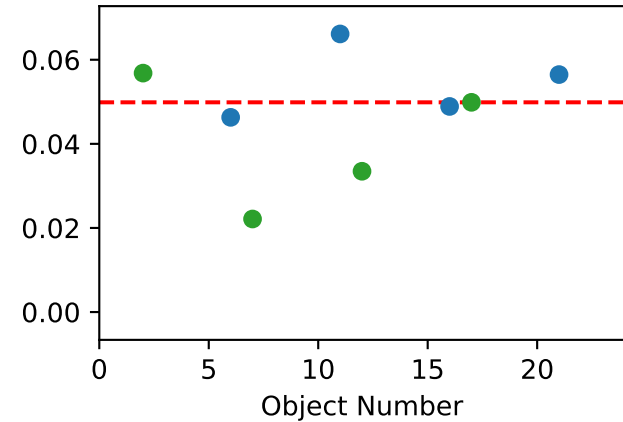
NdD_Q90AbsY (Def=18 Set=14.23)
avg1=14.23~15% avg2=na



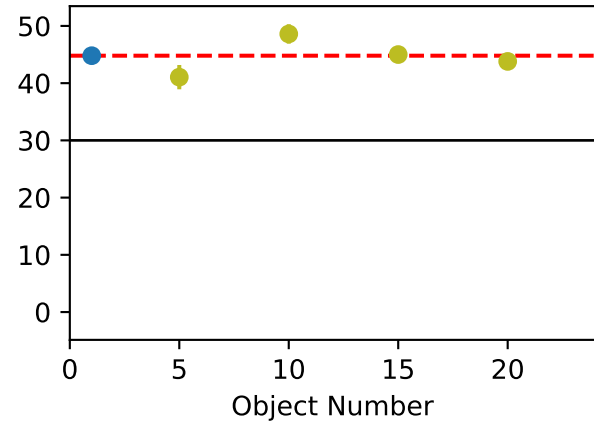
LfW_avgAbsY (Def=na Set=43.8)
avg1=43.8~8% avg2=na



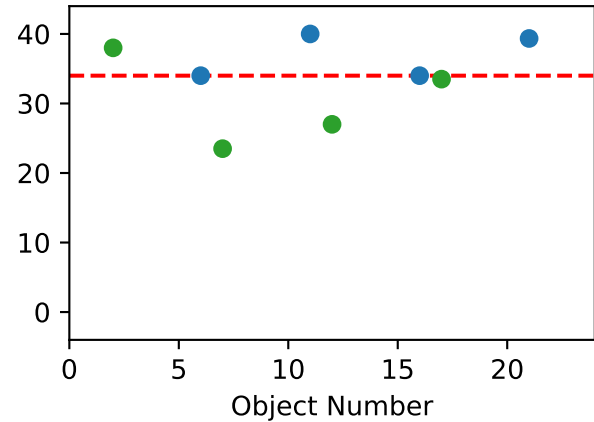
LfA_avgAbsY (Def=na Set=0.05)
avg1=0.05~21% avg2=na



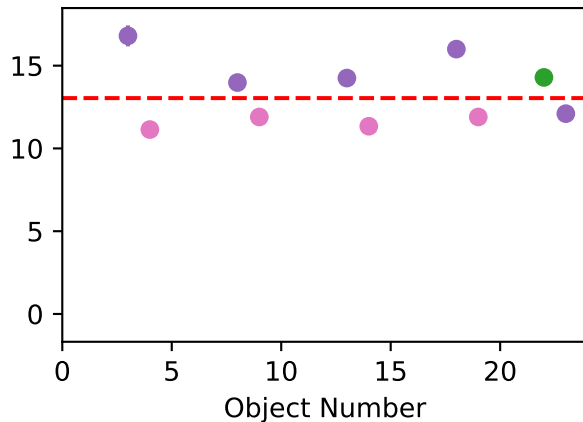
LfW_Q90AbsY (Def=30 Set=44.8)
avg1=44.8~1% avg2=na



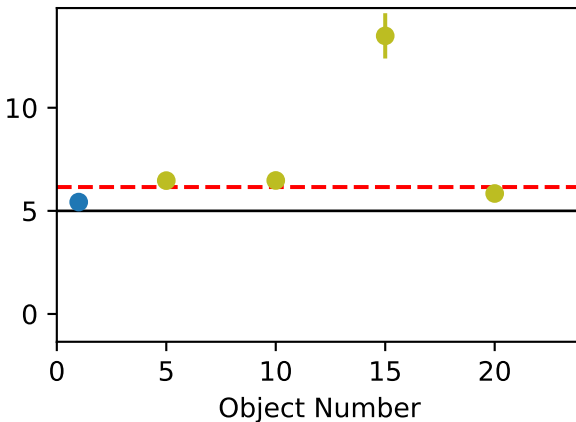
LfL_avgAbsY (Def=na Set=34.0)
avg1=34.0~17% avg2=na



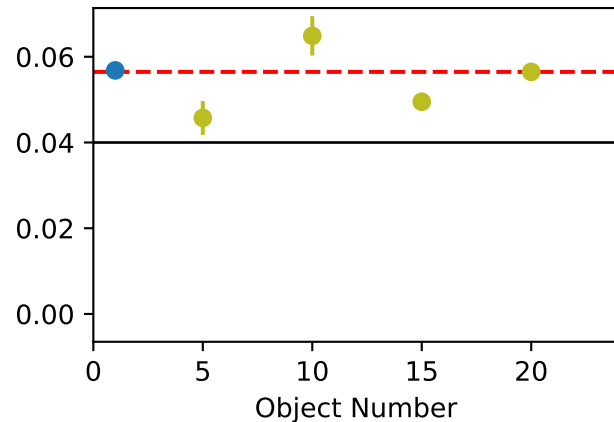
NdD_avgAbsY (Def=na Set=13.04)
avg1=13.04~15% avg2=na



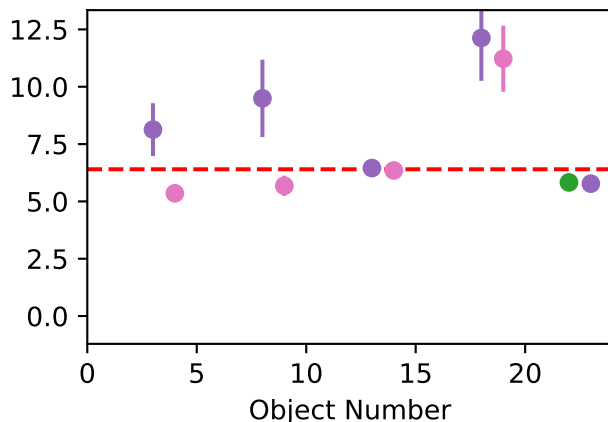
NdL_Q90AbsY (Def=5 Set=6.15)
avg1=6.15~8% avg2=na



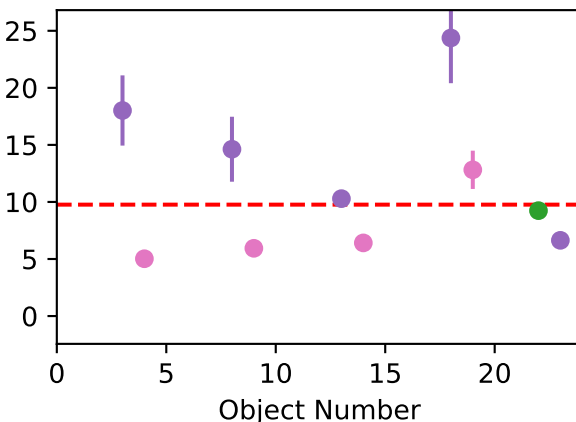
LfA_Q90AbsY (Def=0.04 Set=0.06)
avg1=0.06~13% avg2=na



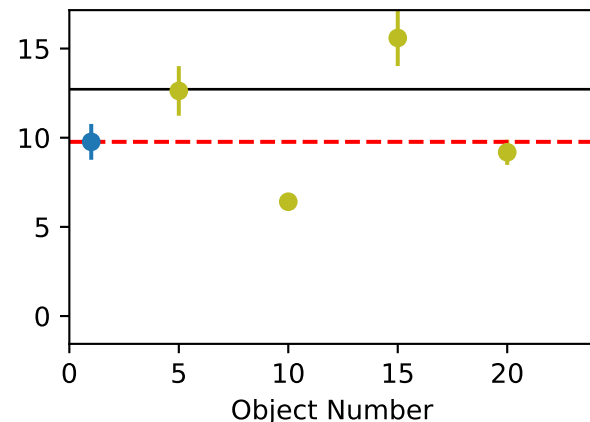
NdL_avgAbsY (Def=na Set=6.4)
avg1=6.4~39% avg2=na



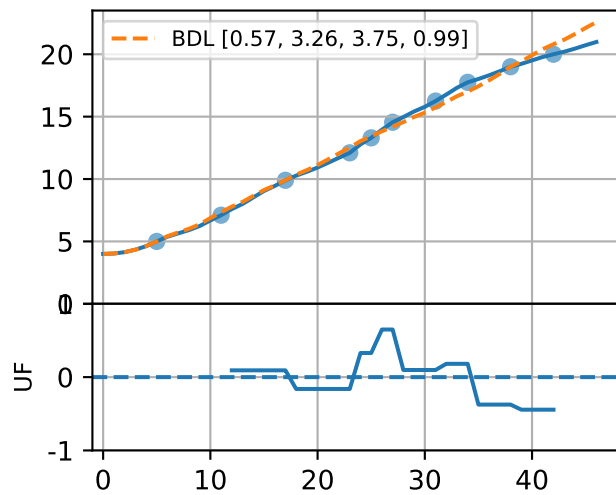
NdV_avgAbsY (Def=na Set=9.76)
avg1=9.76~64% avg2=na



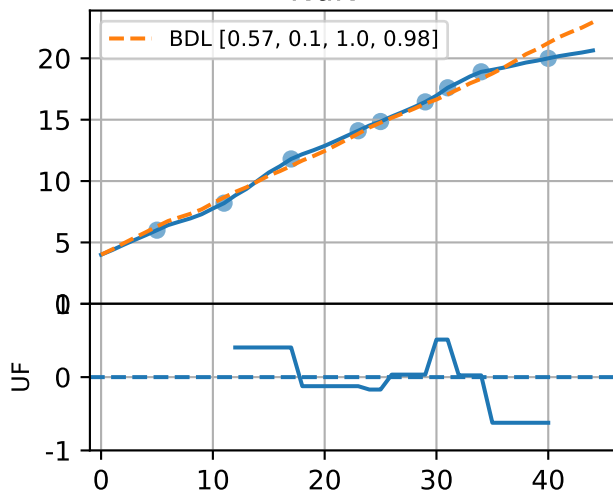
NdV_Q90AbsY (Def=12.72 Set=9.77)
avg1=9.77~36% avg2=na



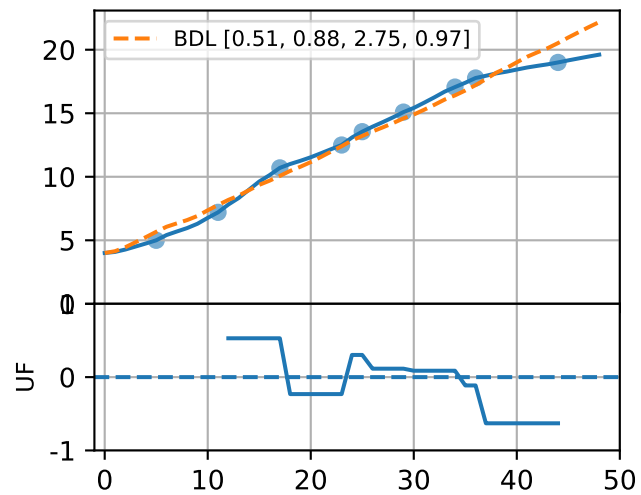
P6AE-007-10 (fit failed)



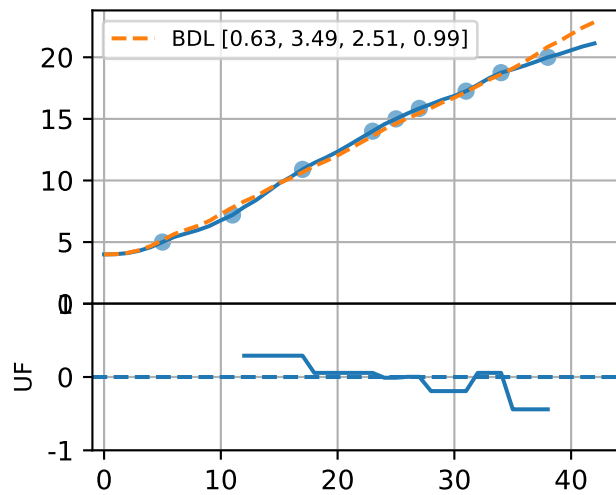
P6AE-014-17 (fit failed)



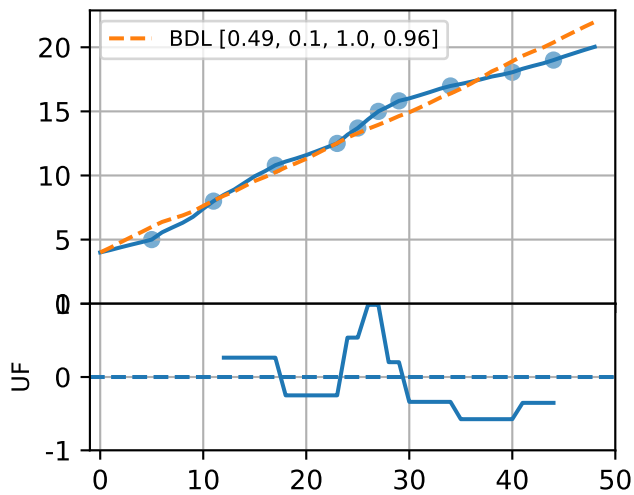
P6AE-026-25 (fit failed)



P6AE-033-4 (fit failed)



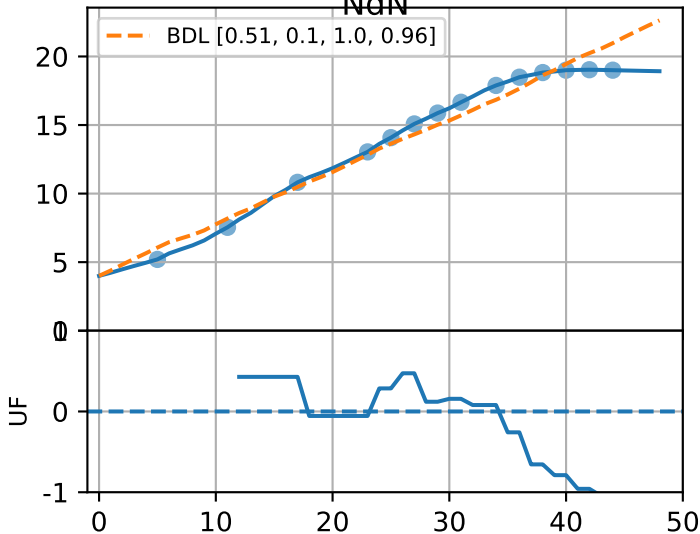
P6AE-045-12 (fit failed)



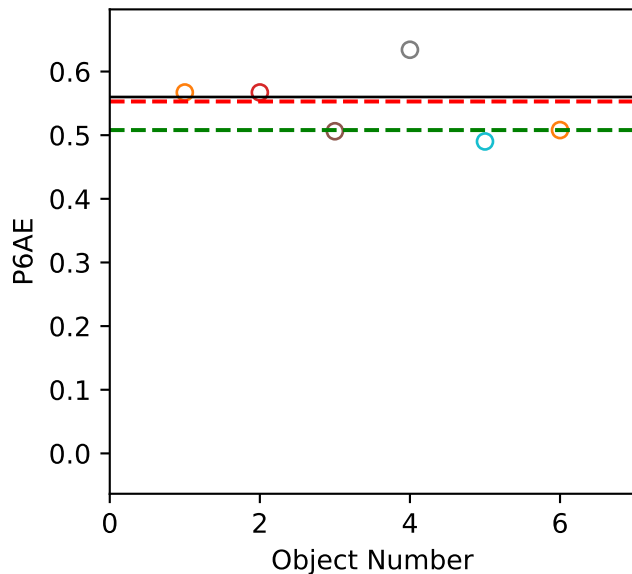
P6AEavg (fit failed)

NaN

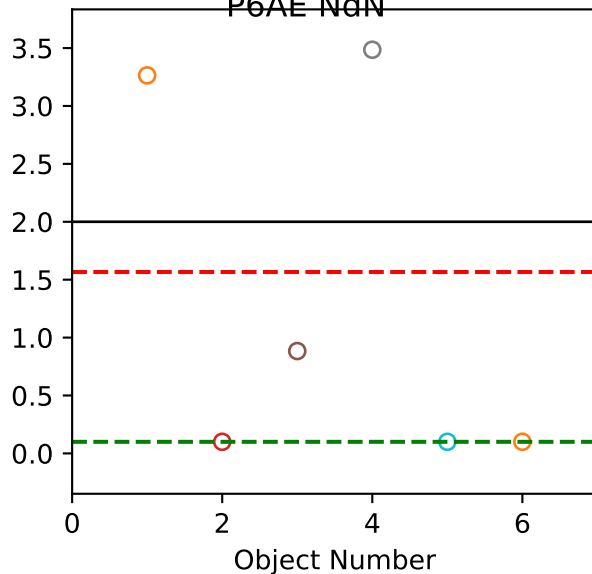
BDL [0.51, 0.1, 1.0, 0.96]



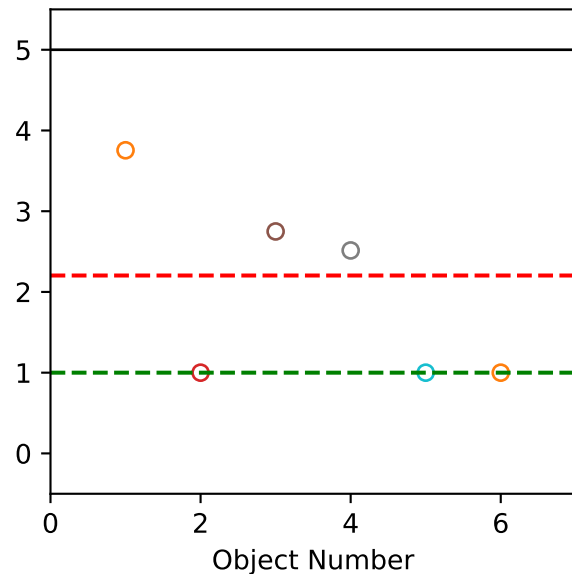
a (Def=0.56 Set=0.51)
avg1=0.55(fail) avg2=0.51



dm (Def=2 Set=0.1)
avg1=1.57(fail) avg2=0.1



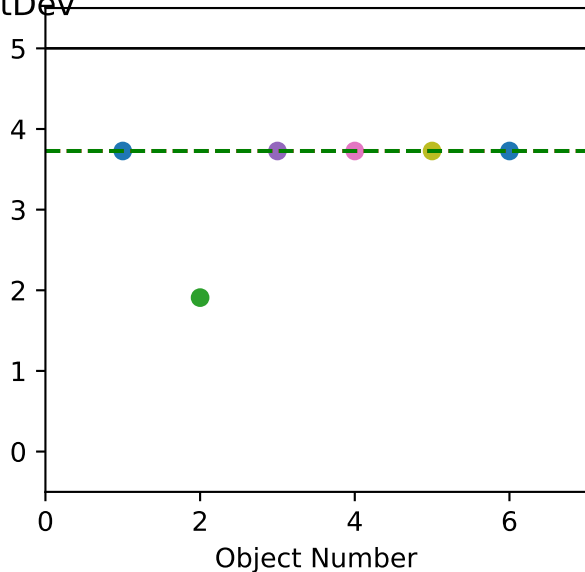
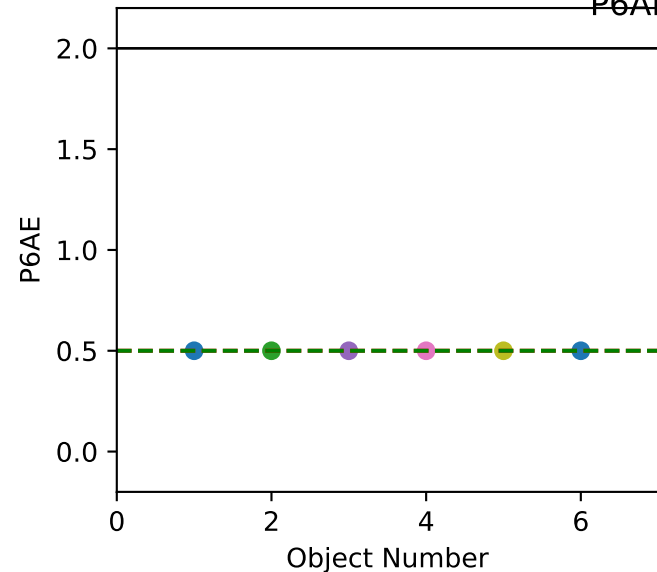
de (Def=5 Set=1.0)
avg1=2.2(fail) avg2=1.0



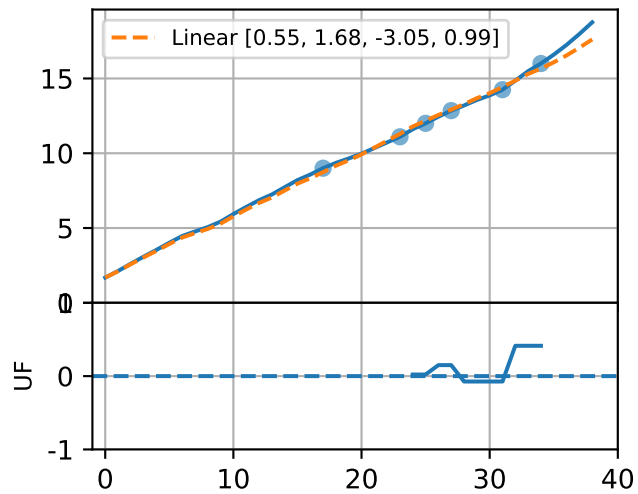
InitDev_dm (Def=2 Set=0.5)
avg1=0.5~0% avg2=0.5

P6AE InitDev

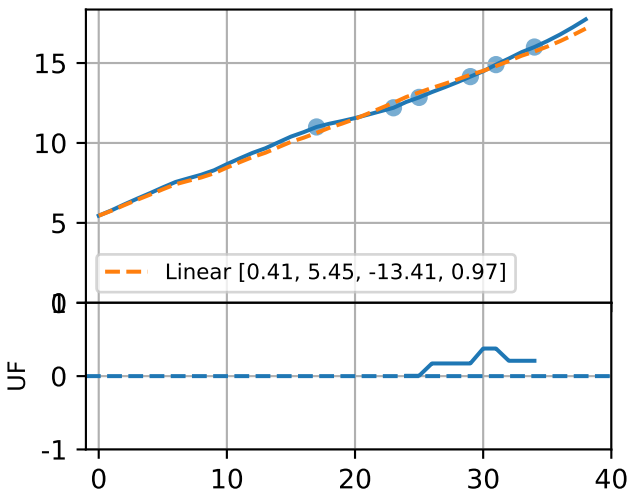
InitDev_de (Def=5 Set=3.73)
avg1=3.73~0% avg2=3.73



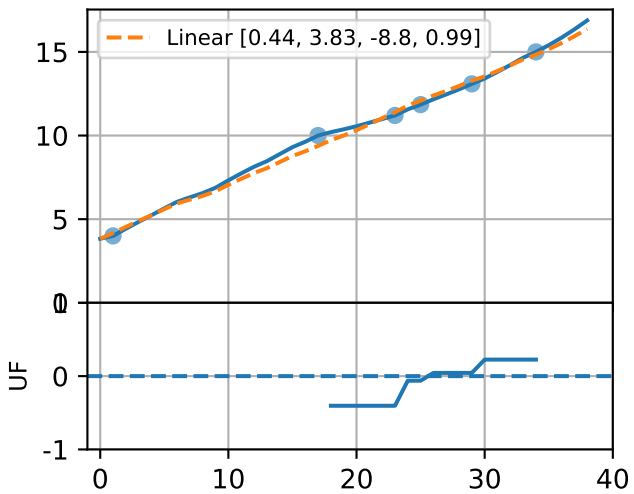
P6AE-007-10



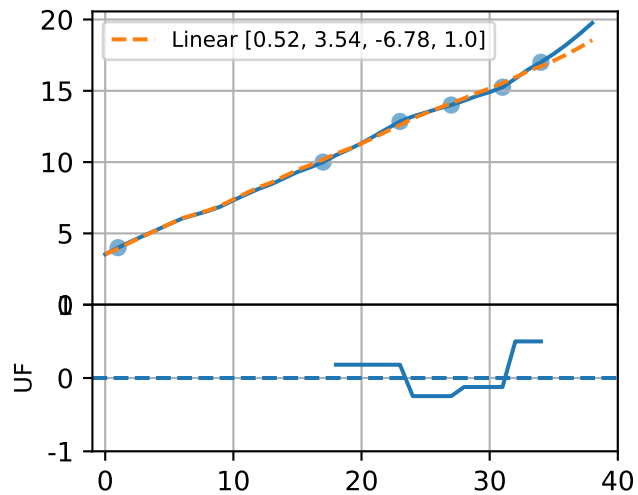
P6AE-014-17



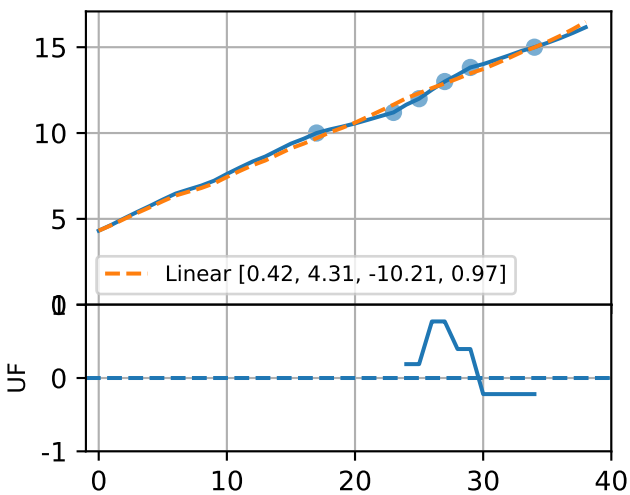
P6AE-026-25



P6AE-033-4

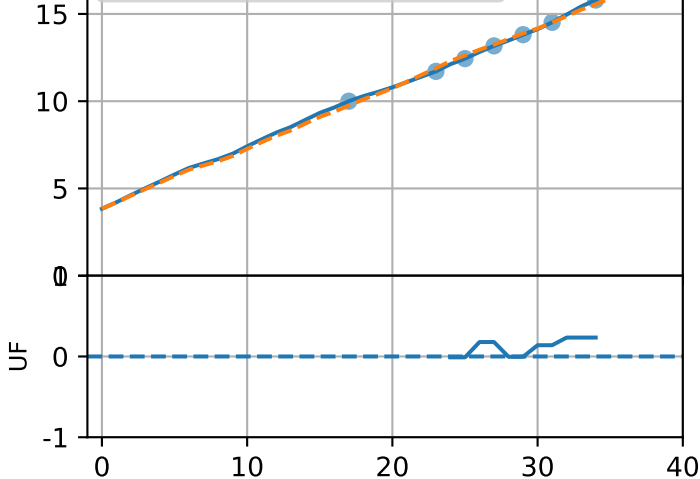


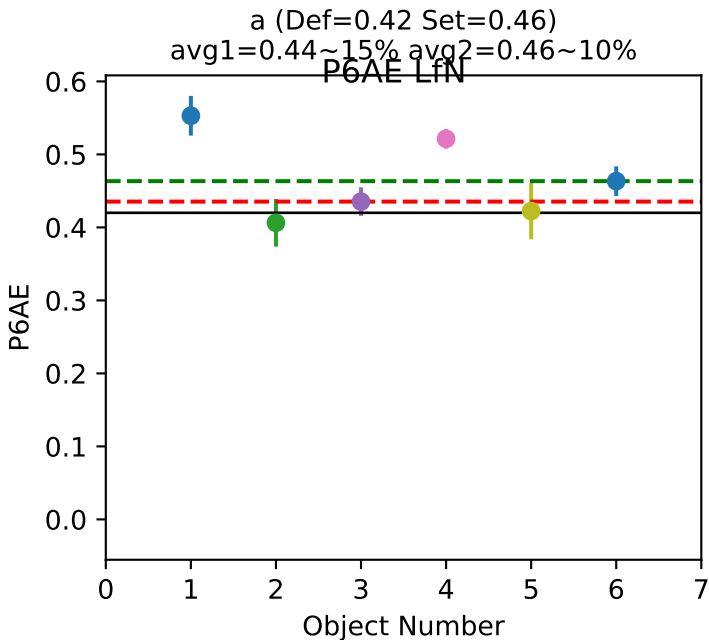
P6AE-045-12



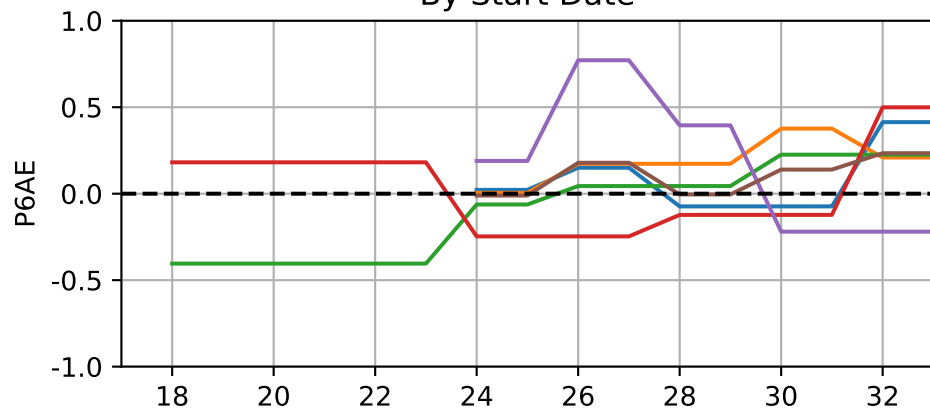
P6AEavg
LfN

Linear [0.46, 3.84, -8.28, 0.99]

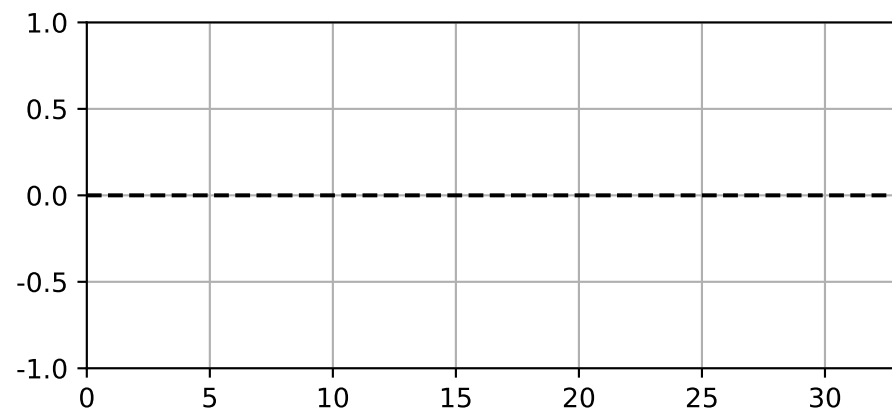
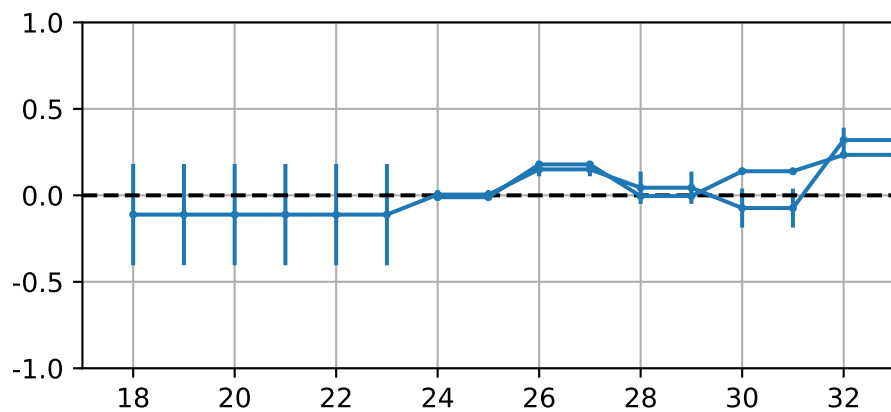
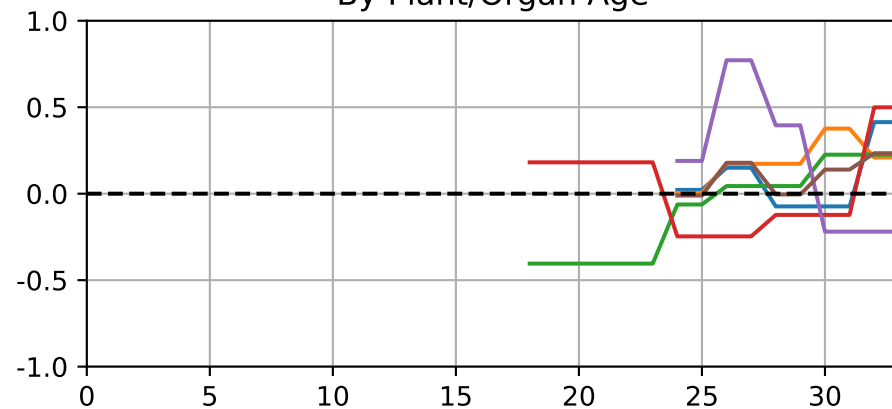




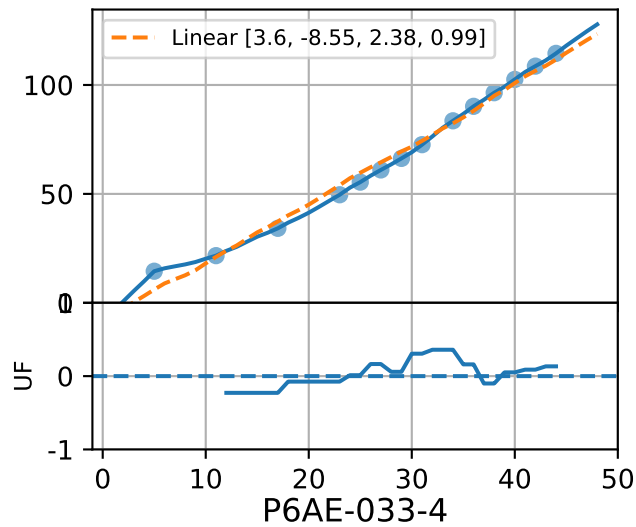
By Start Date



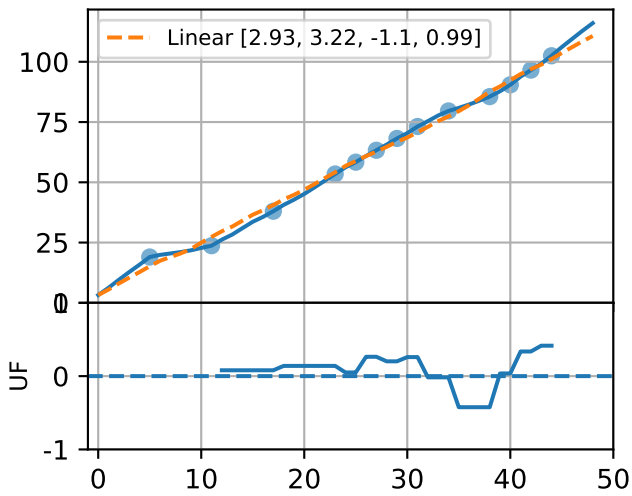
By Plant/Organ Age



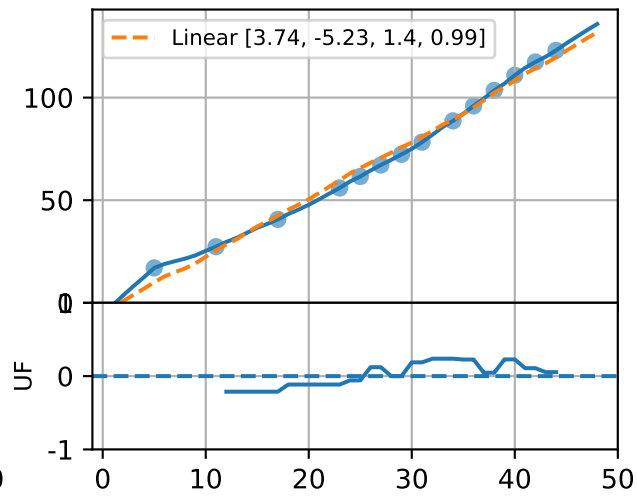
P6AE-007-10



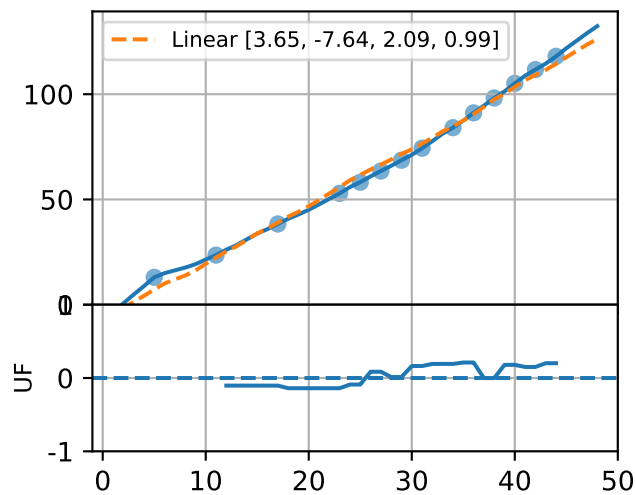
P6AE-014-17



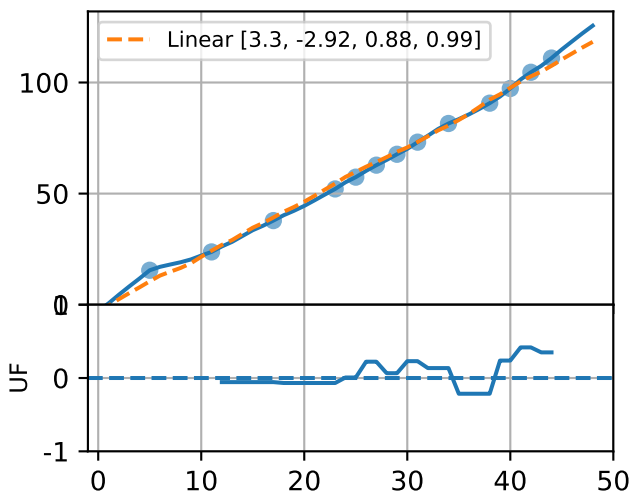
P6AE-026-25



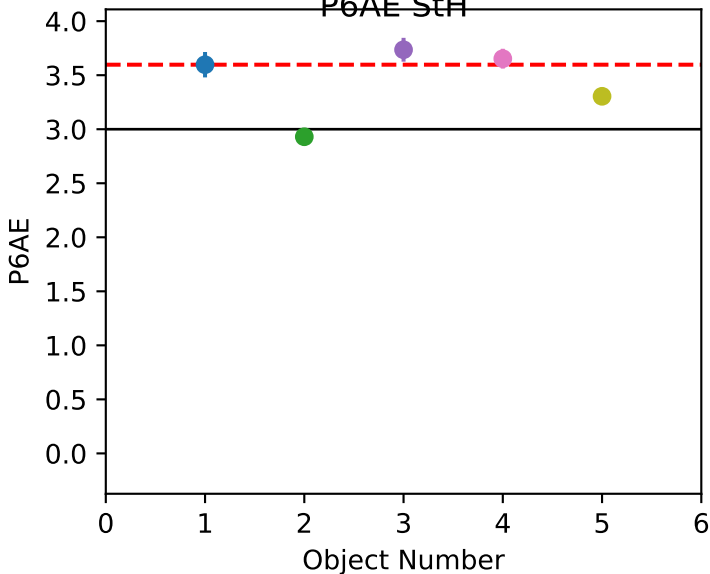
P6AE-033-4



P6AE-045-12

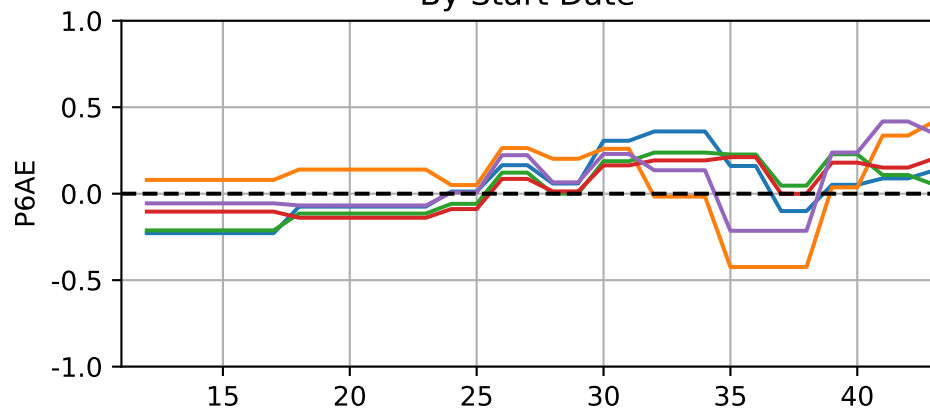


a (Def=3 Set=3.6)
avg1=3.6~9% avg2=na
P6AE StH

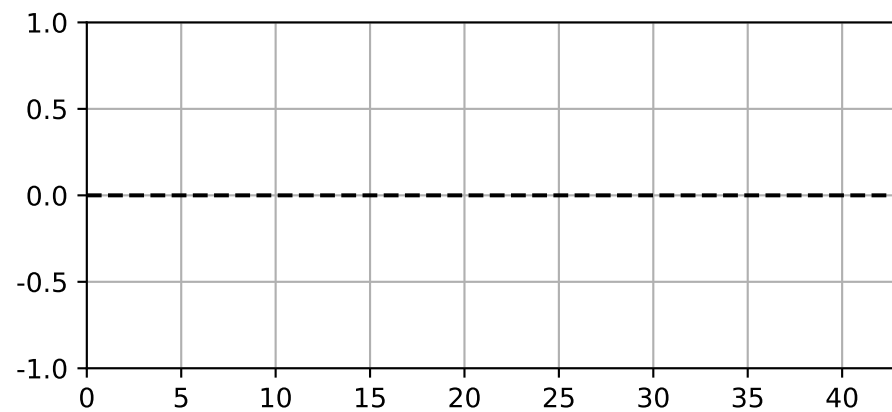
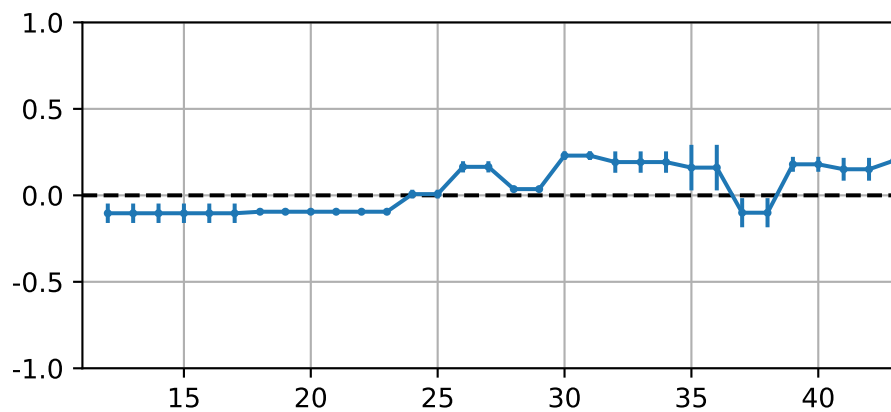
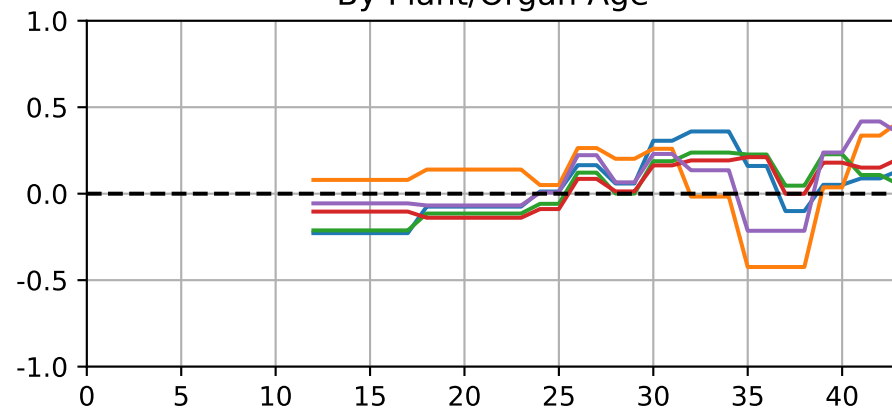


StH

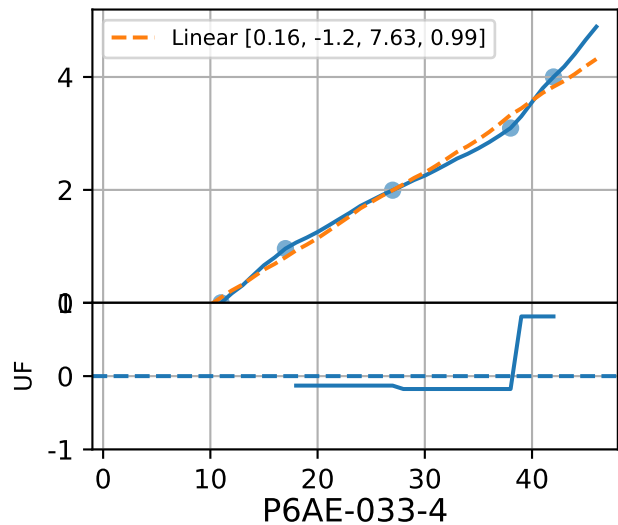
By Start Date



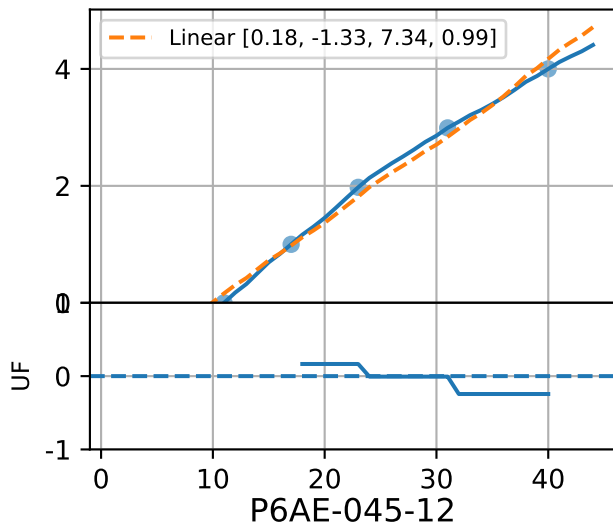
By Plant/Organ Age



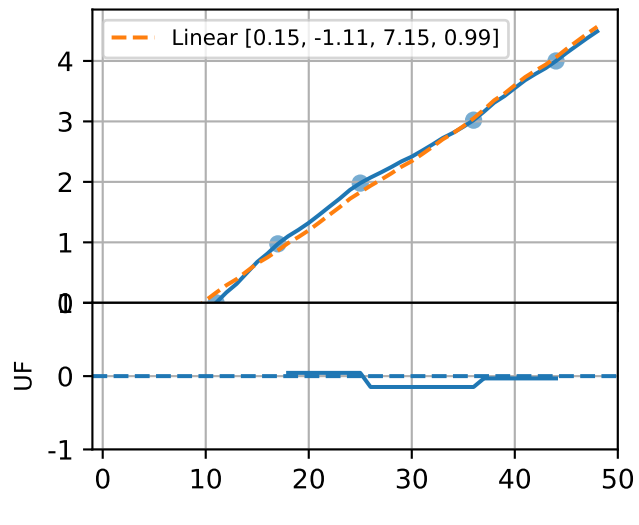
P6AE-007-10



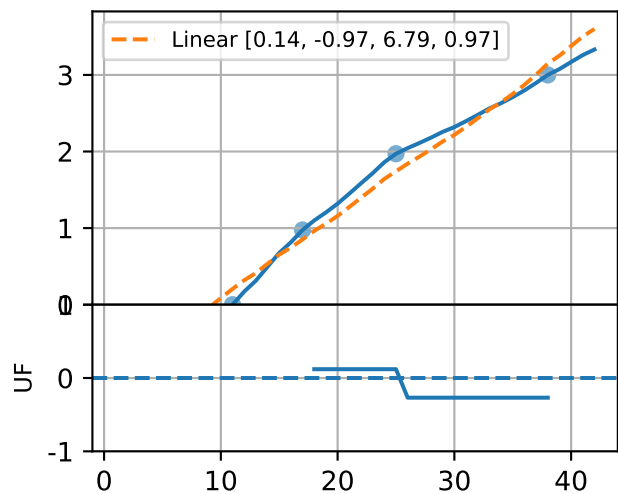
P6AE-014-17



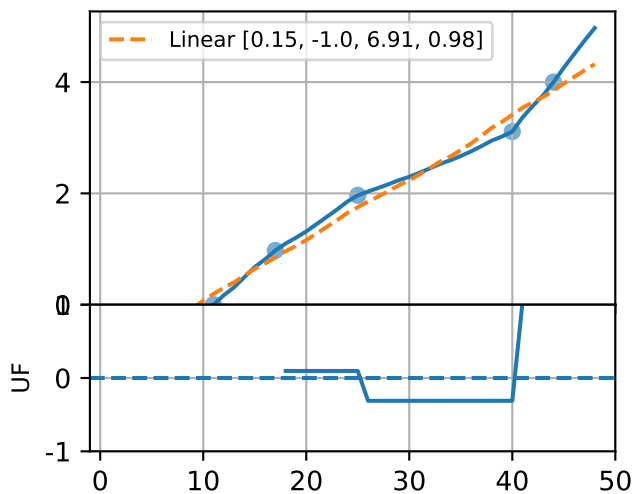
P6AE-026-25



P6AE-033-4



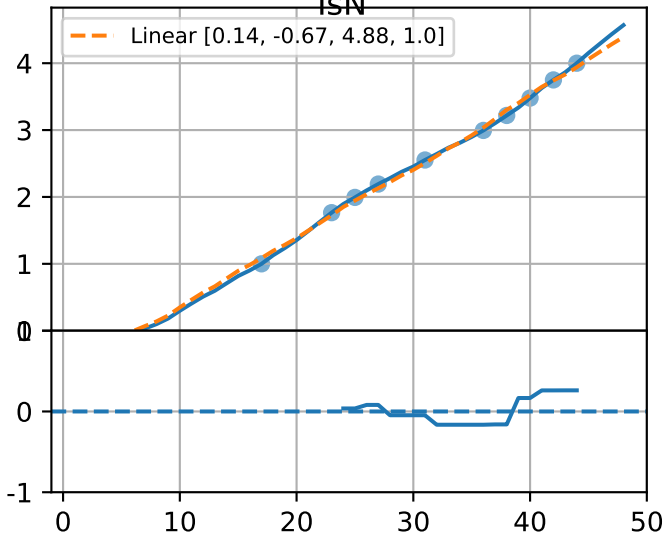
P6AE-045-12

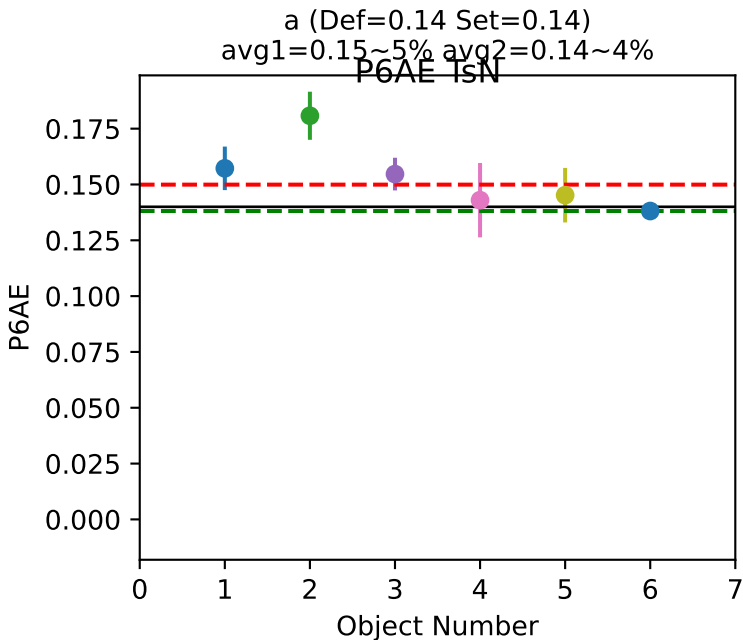


P6AEavg
TSN

Linear [0.14, -0.67, 4.88, 1.0]

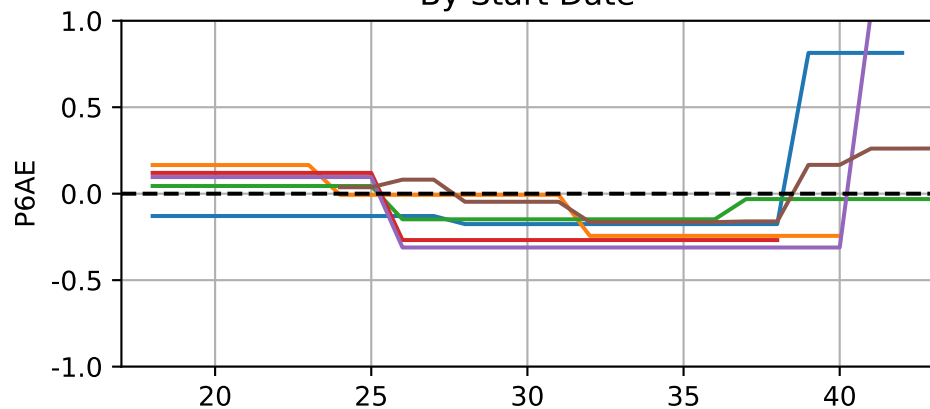
UF



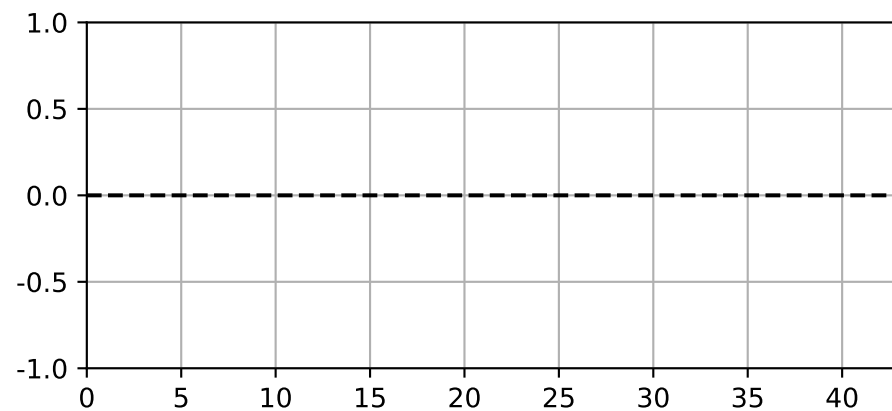
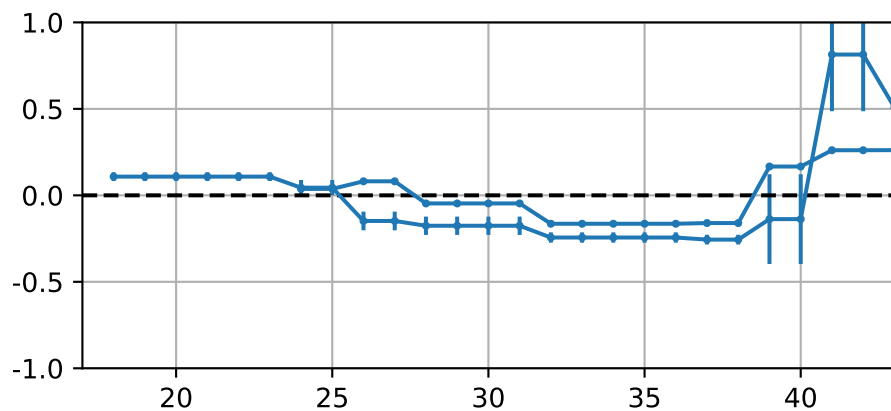
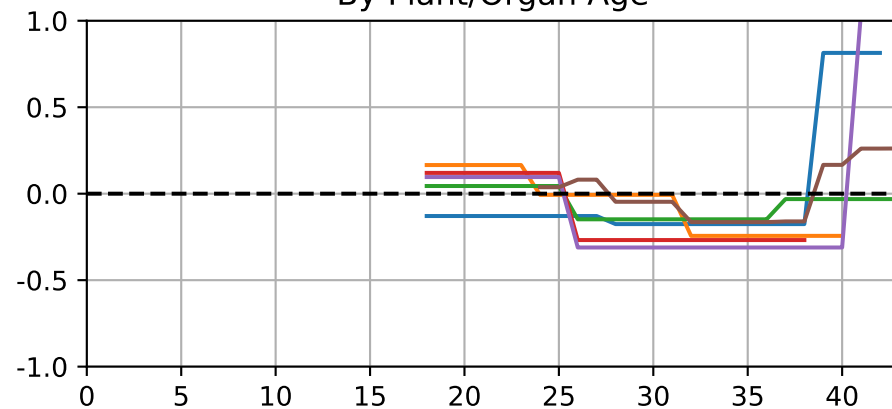


TsN

By Start Date

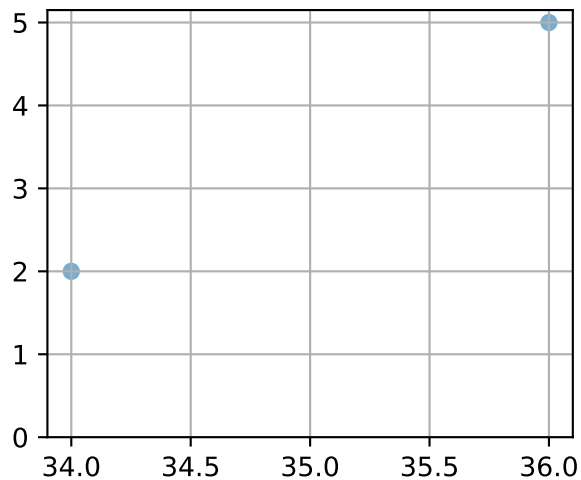


By Plant/Organ Age

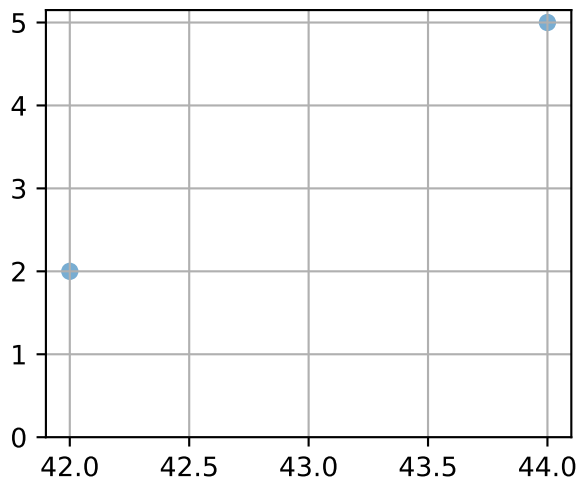


FrN

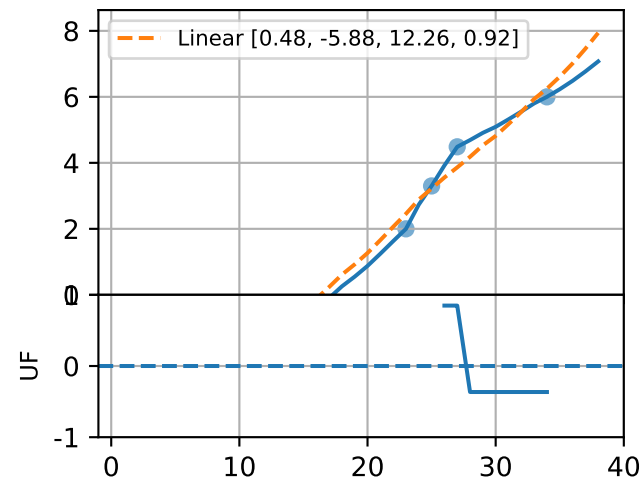
P6AE-007-10T2 (fit failed)



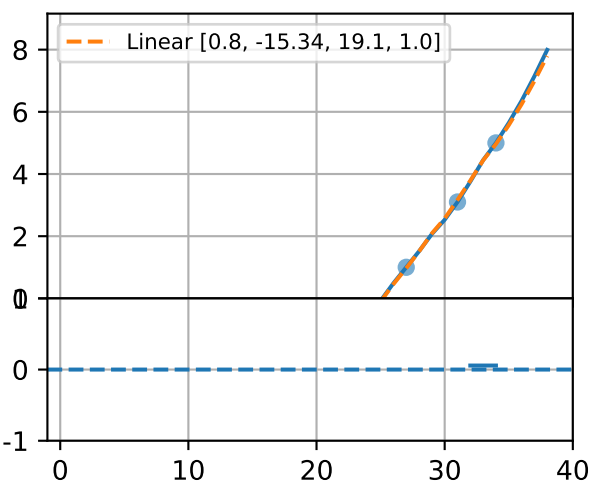
P6AE-007-10T3 (fit failed)



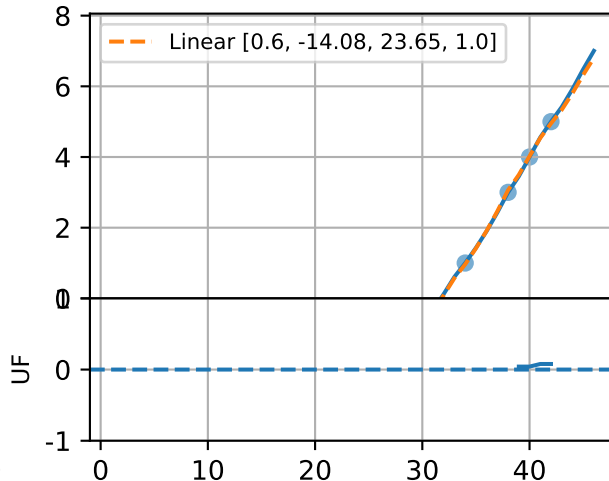
P6AE-014-17T1



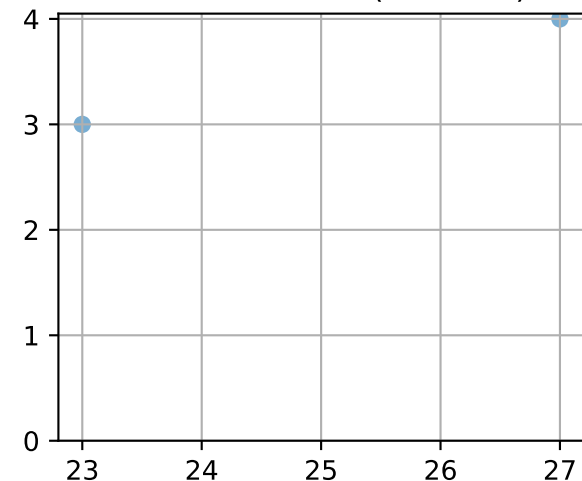
P6AE-014-17T2



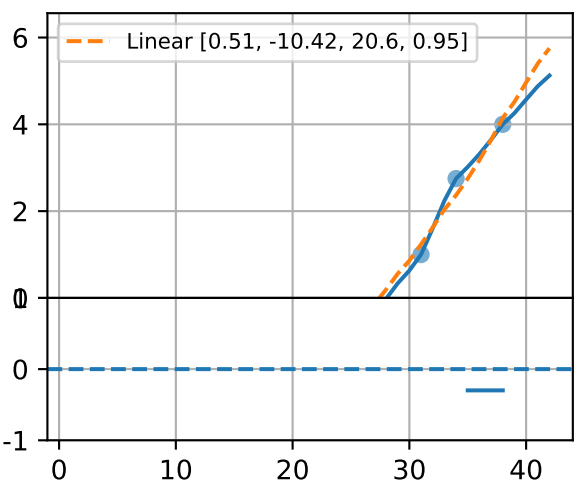
P6AE-014-17T3



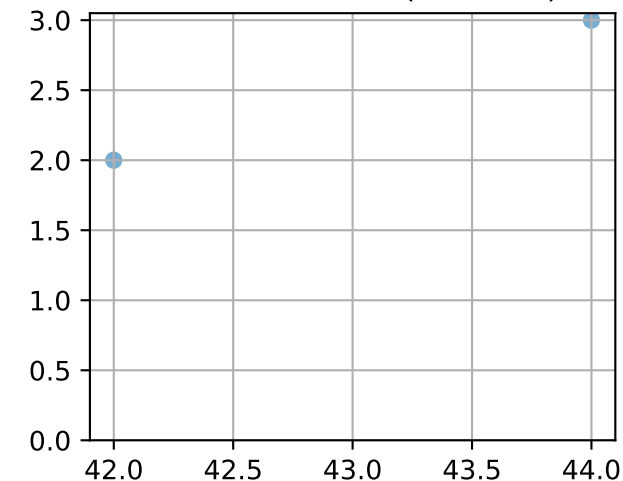
P6AE-026-25T1 (fit failed)



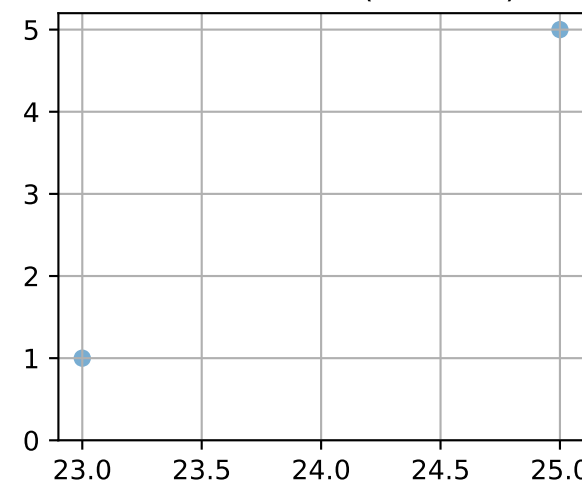
P6AE-026-25T2



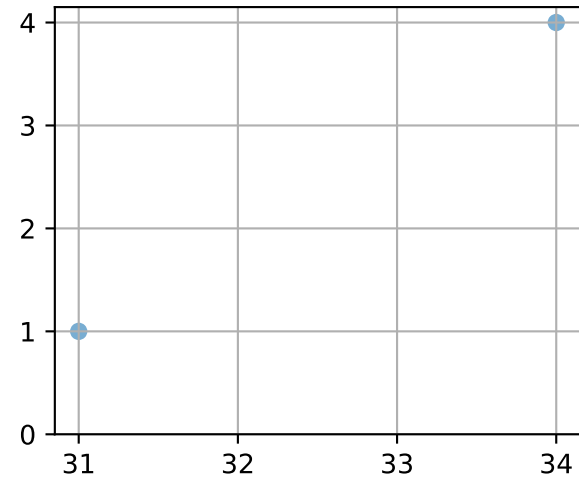
P6AE-026-25T3 (fit failed)



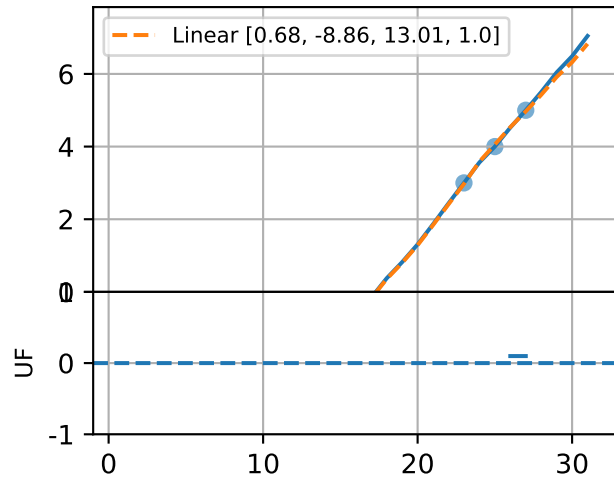
P6AE-033-4T1 (fit failed)



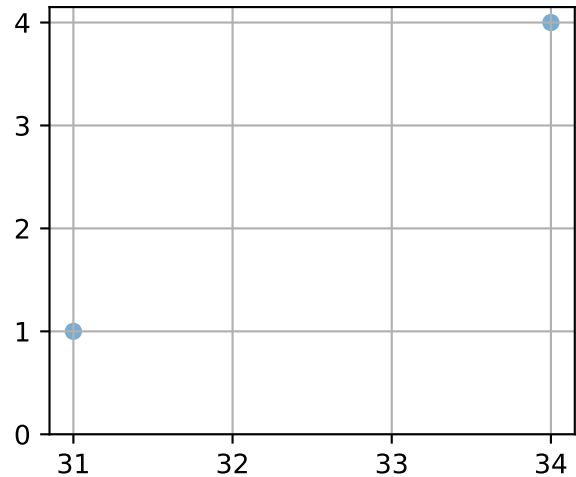
P6AE-033-4T2 (fit failed)



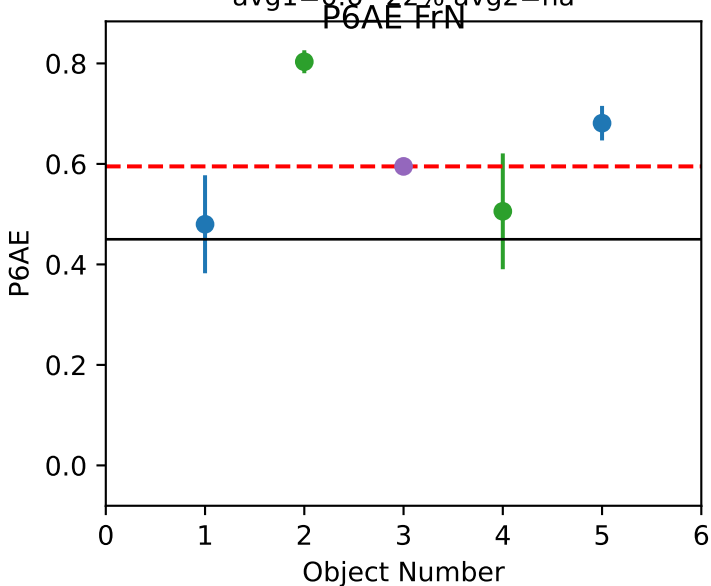
P6AE-045-12T1



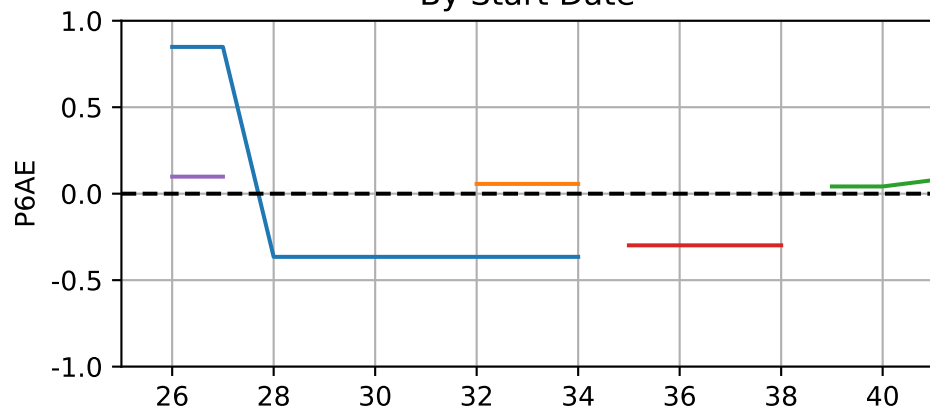
P6AE-045-12T2 (fit failed)



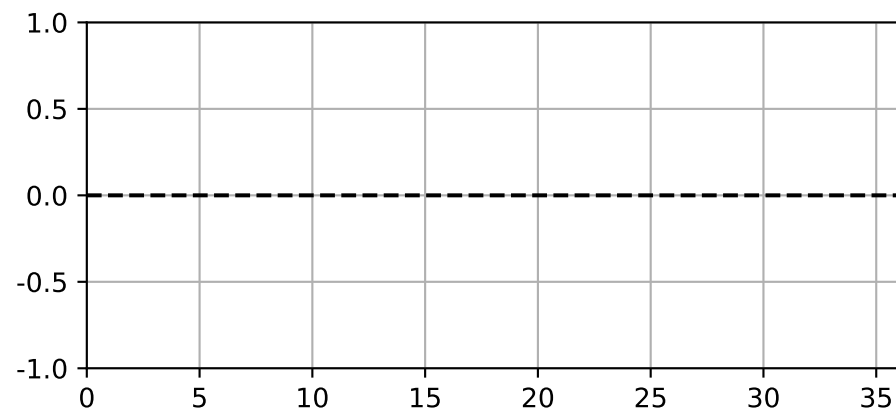
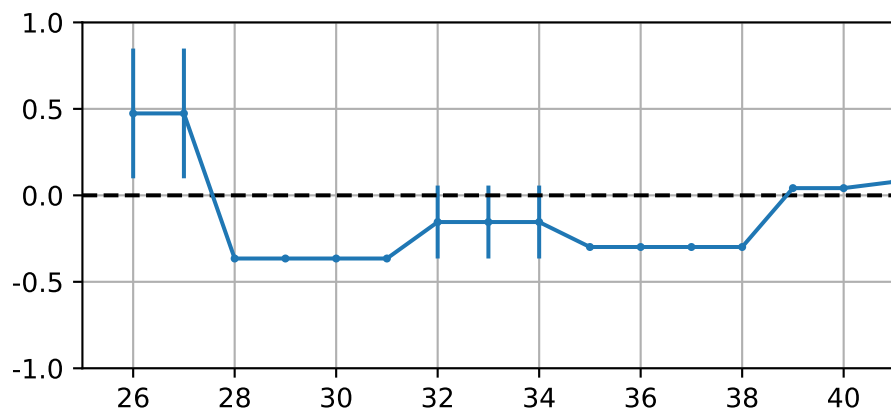
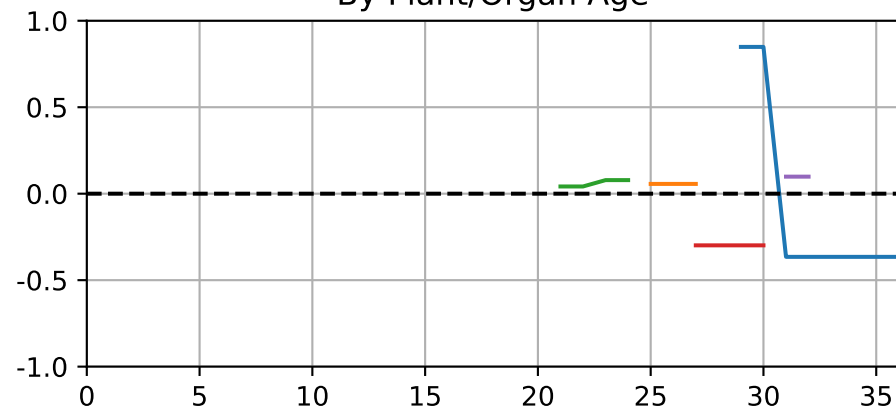
a (Def=0.45 Set=0.6)
avg1=0.6~22% avg2=na



By Start Date



By Plant/Organ Age

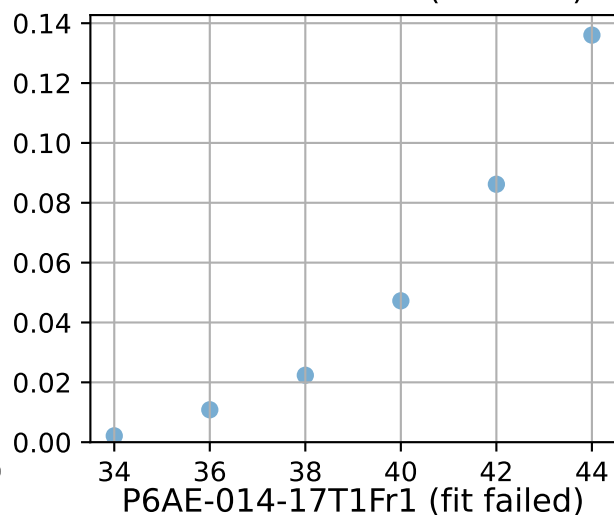
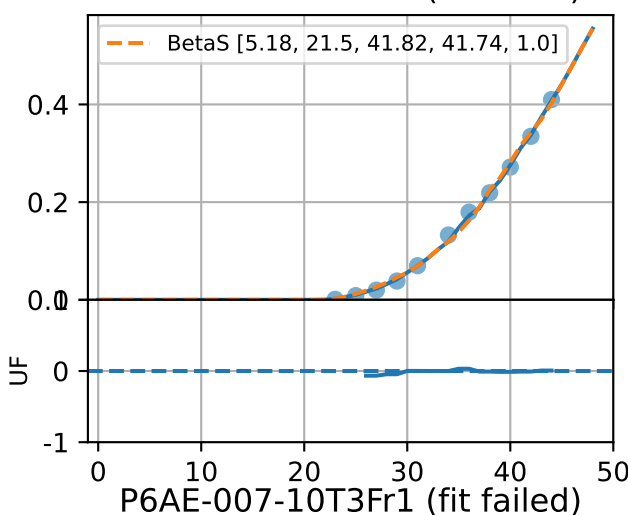
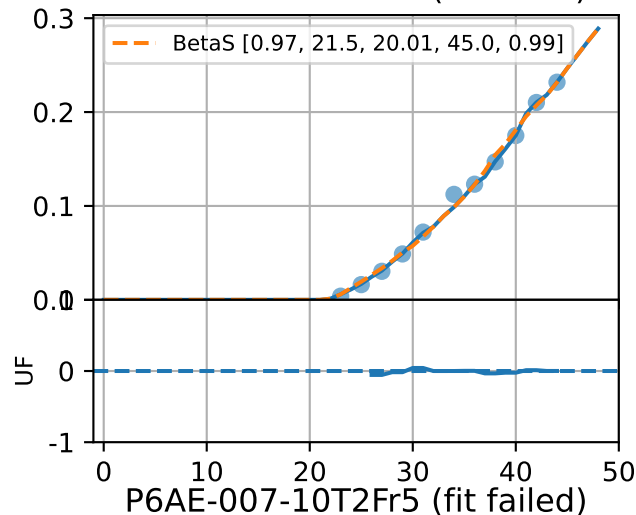


FrY

P6AE-007-10T1Fr1 (fit failed)

P6AE-007-10T1Fr5 (fit failed)

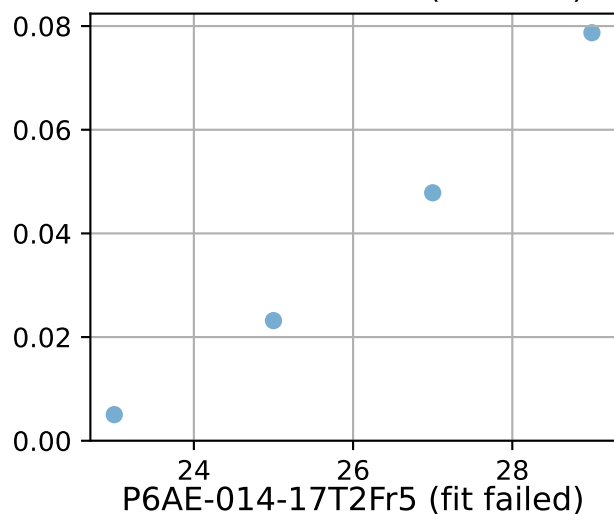
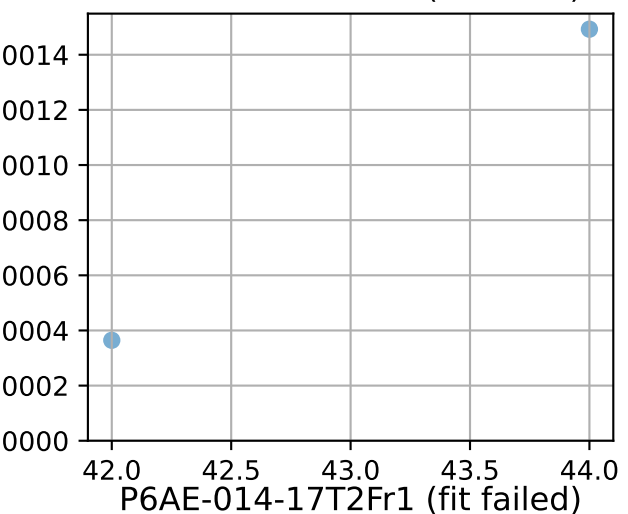
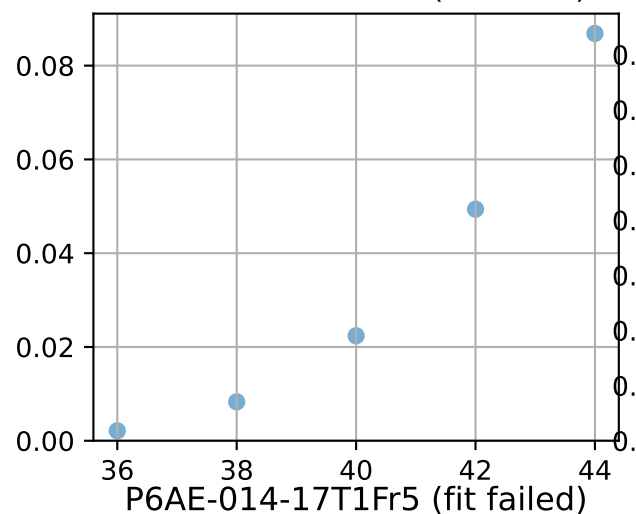
P6AE-007-10T2Fr1 (fit failed)



P6AE-007-10T2Fr5 (fit failed)

P6AE-007-10T3Fr1 (fit failed)

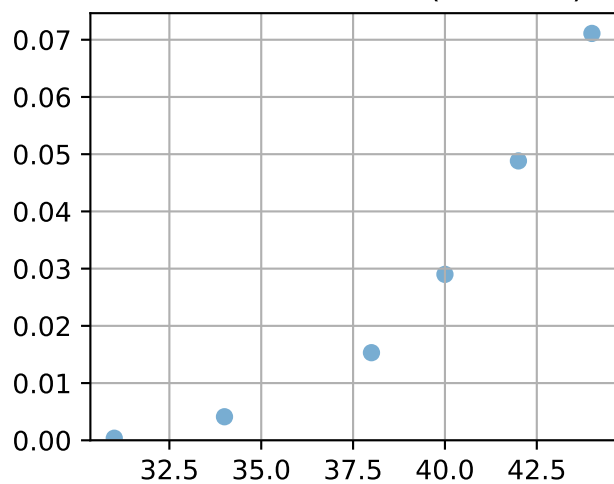
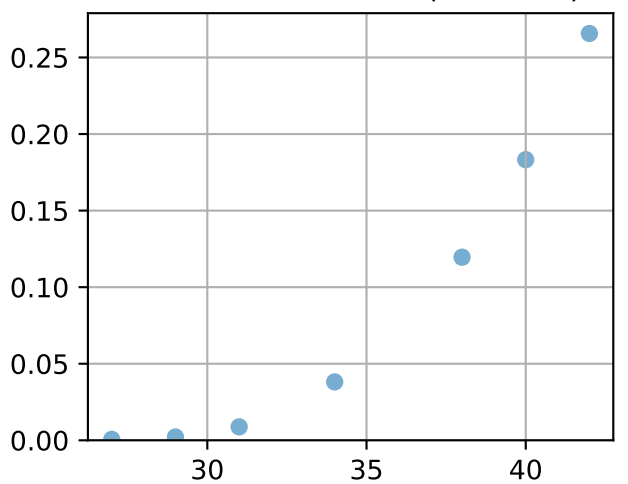
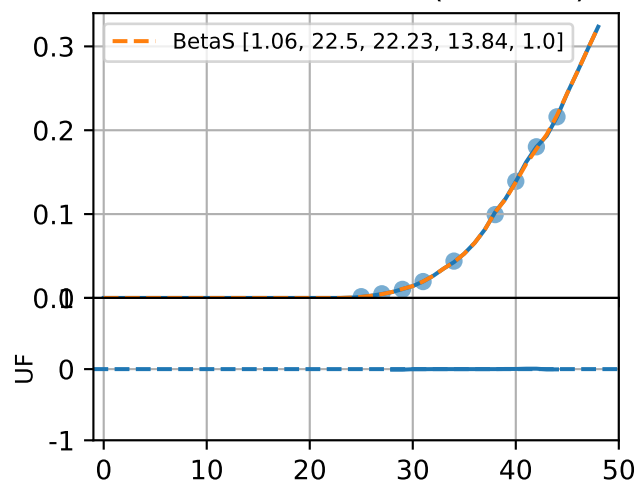
P6AE-014-17T1Fr1 (fit failed)



P6AE-014-17T1Fr5 (fit failed)

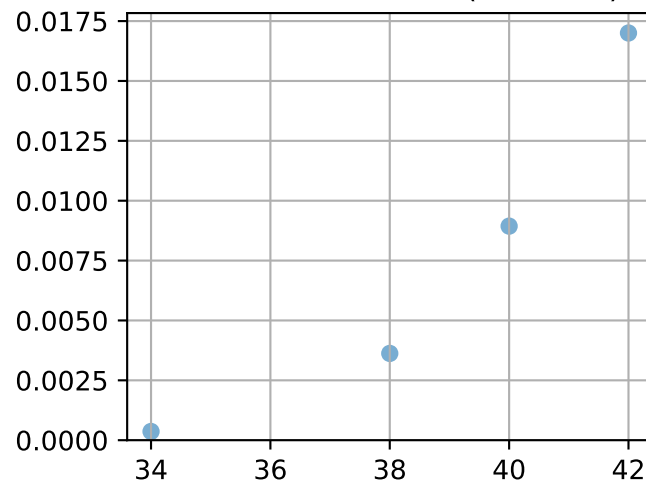
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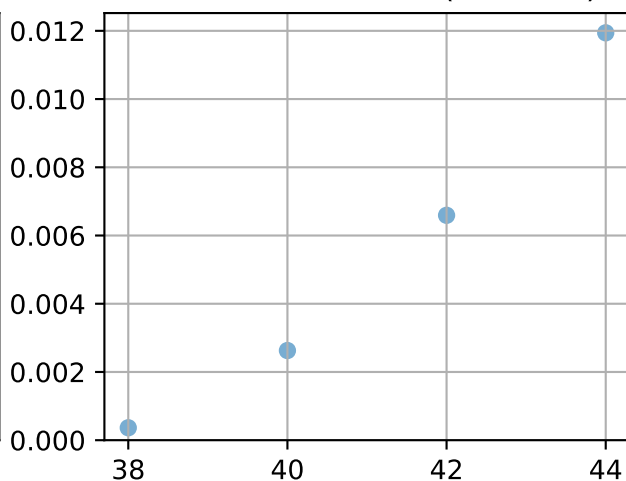


FrV

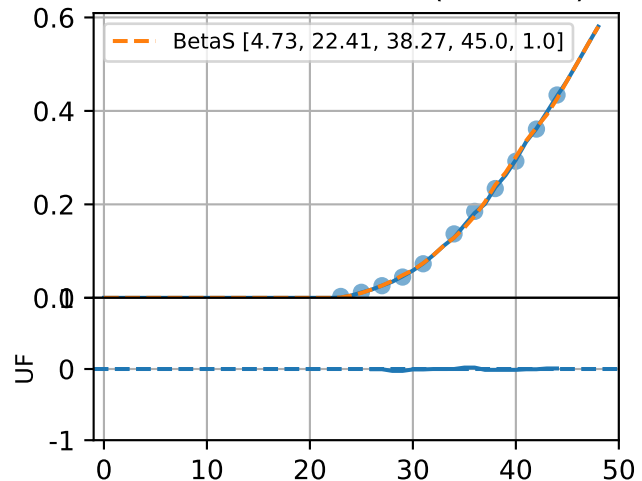
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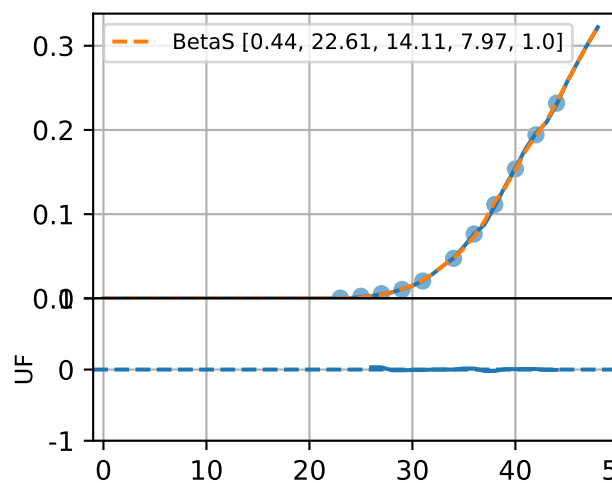
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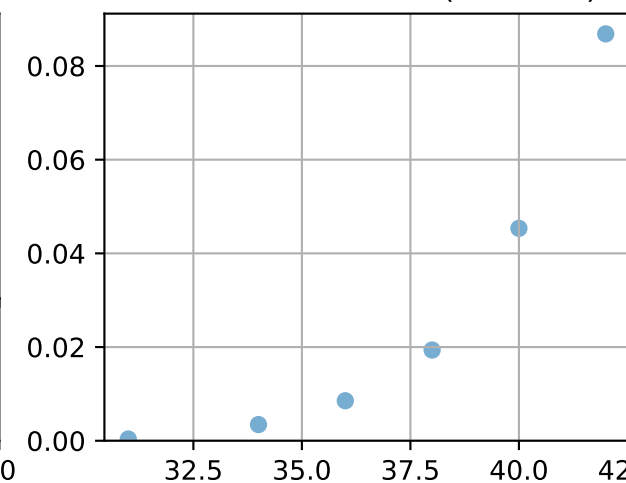
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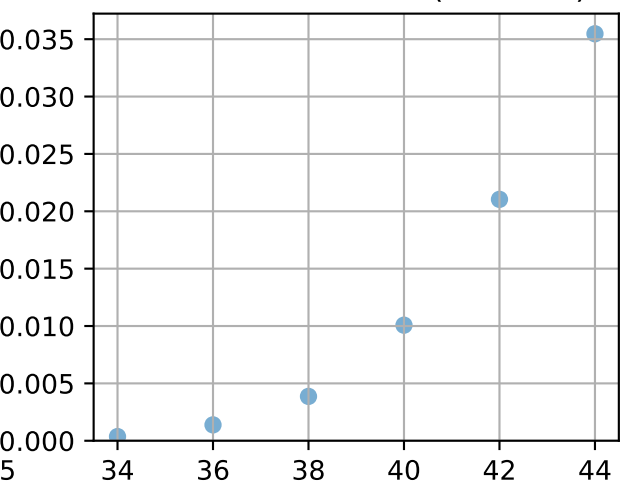
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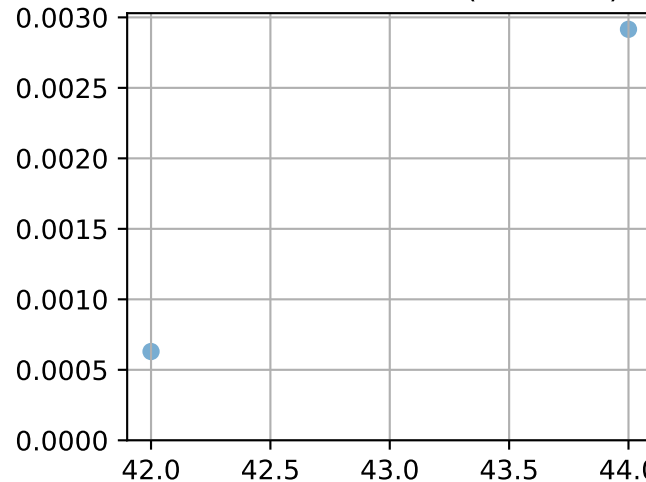
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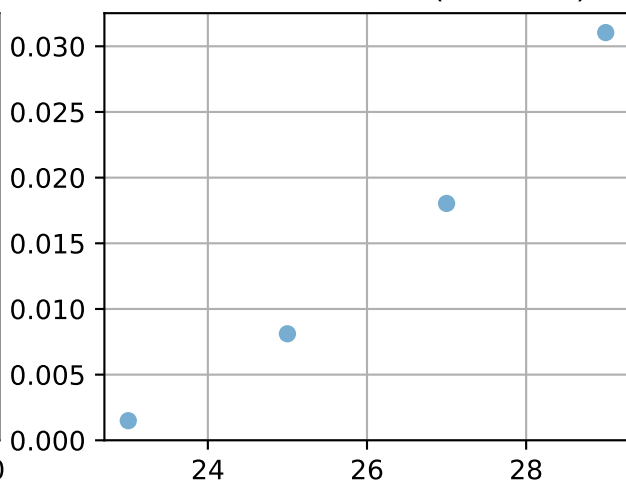
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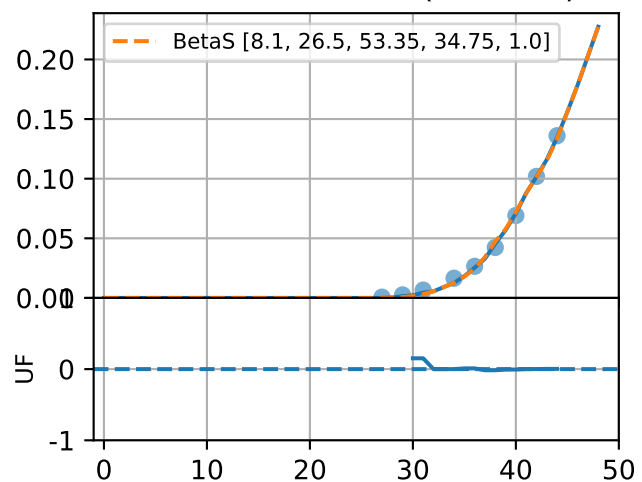
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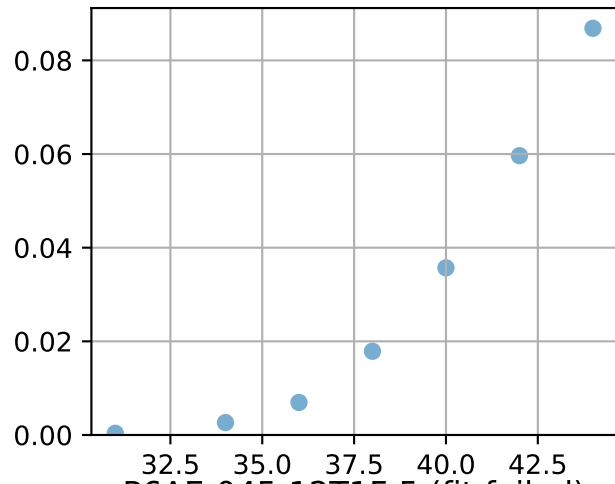
P6AE-033-4T1Fr1 (fit failed)



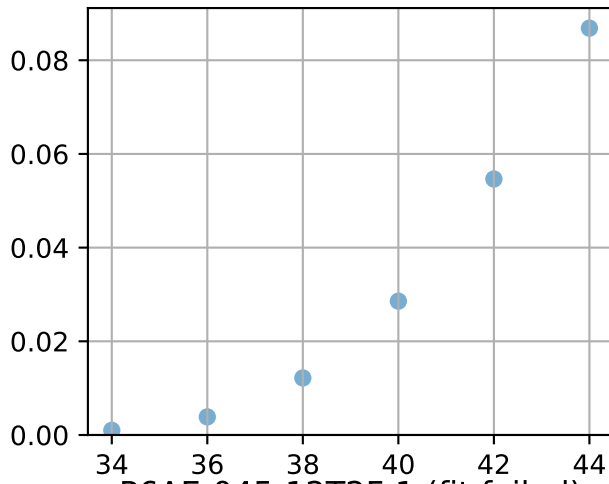
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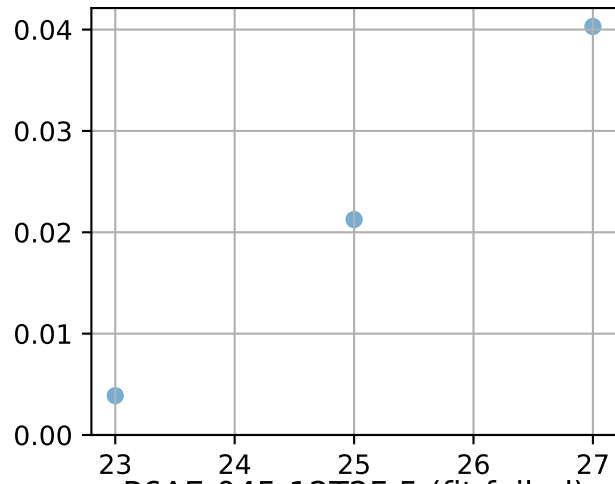
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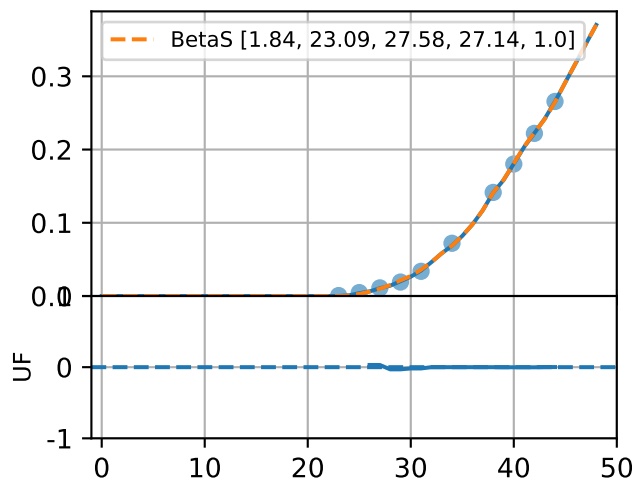
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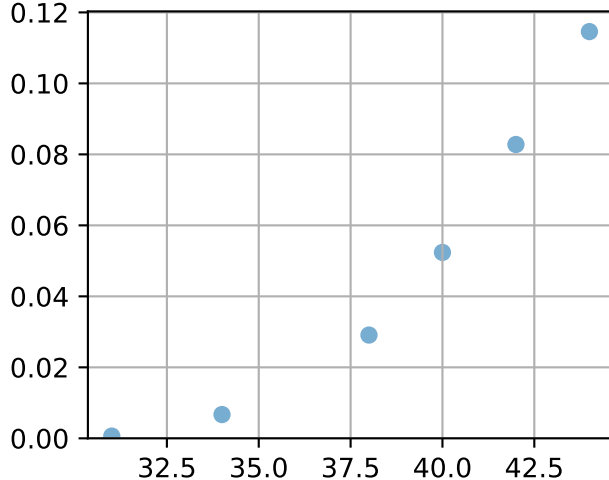
P6AE-045-12T1Fr1 (fit failed)



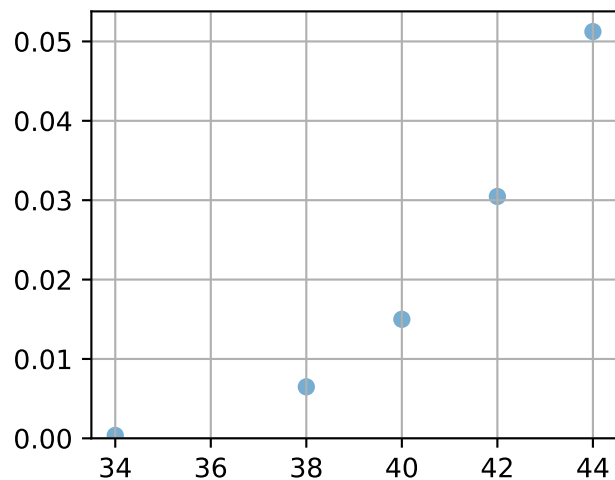
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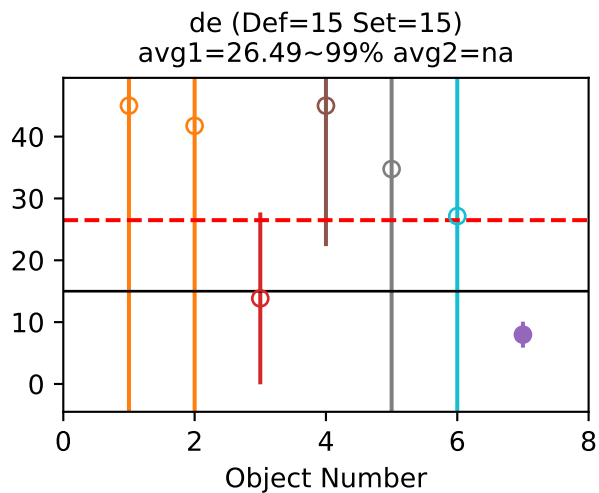
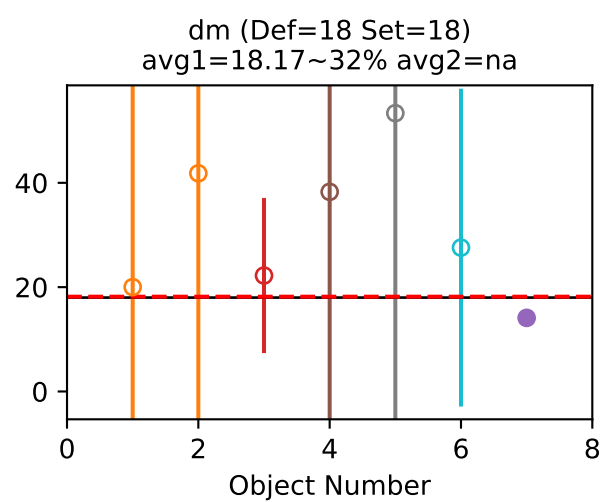
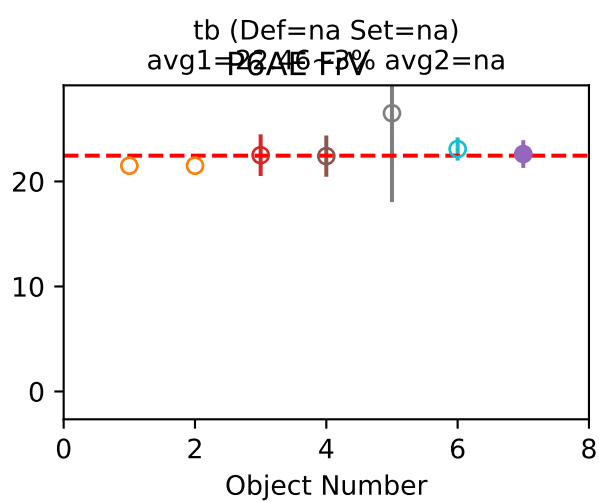
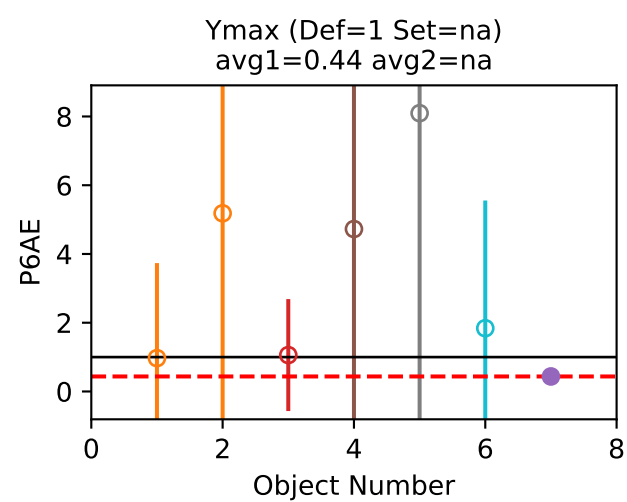


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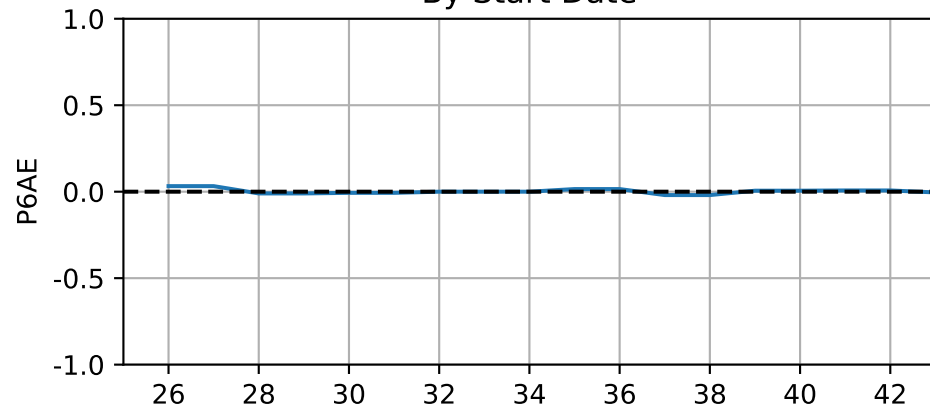


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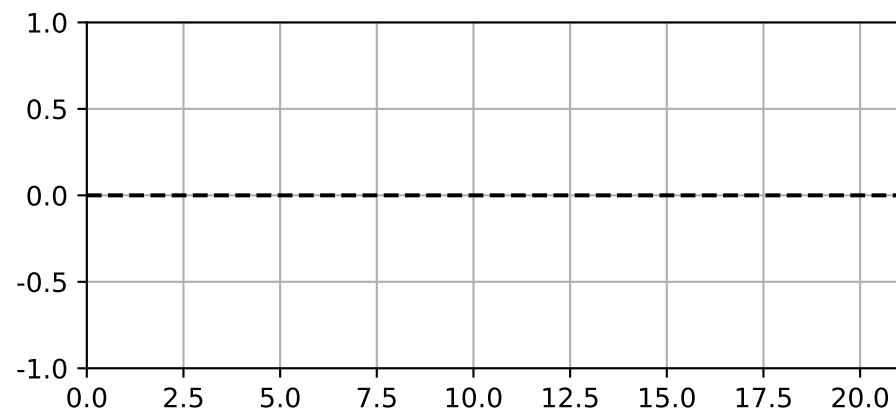
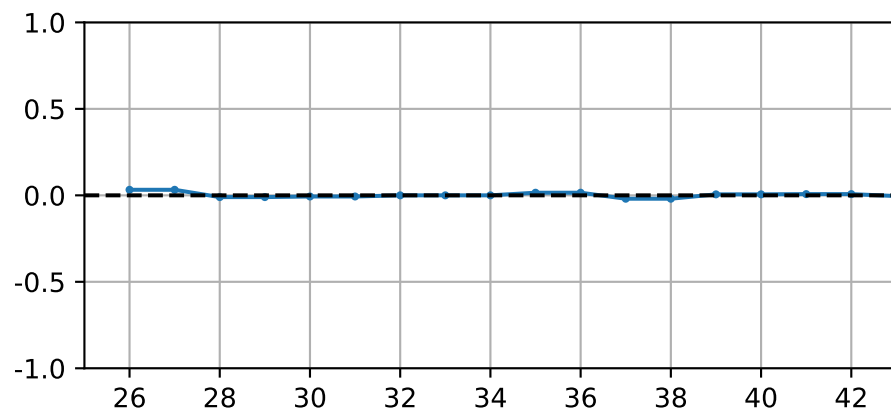
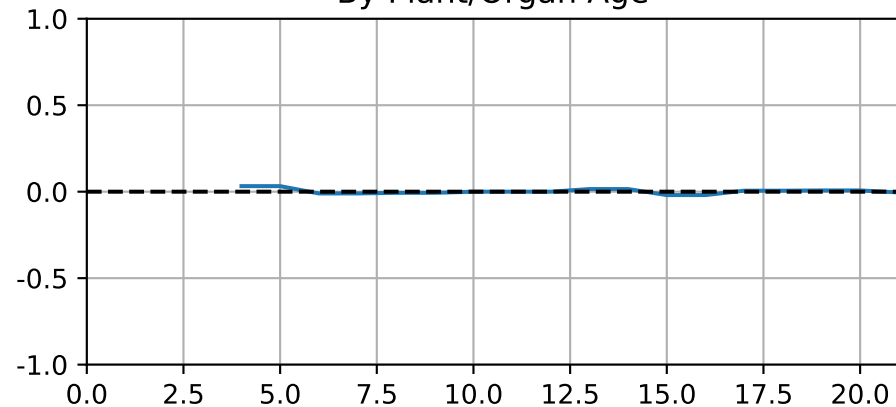




By Start Date



By Plant/Organ Age

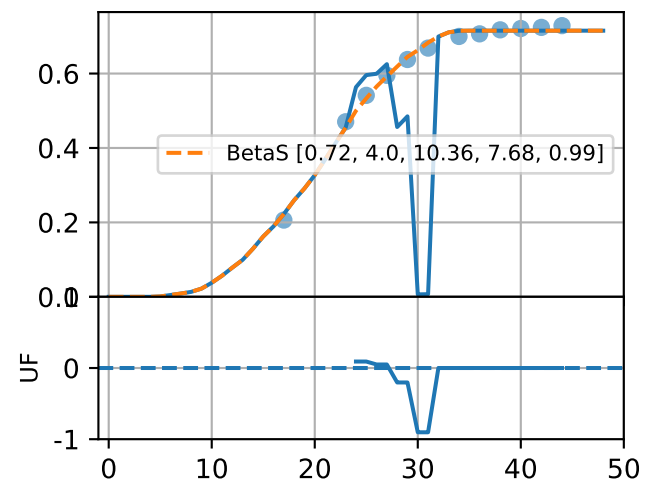
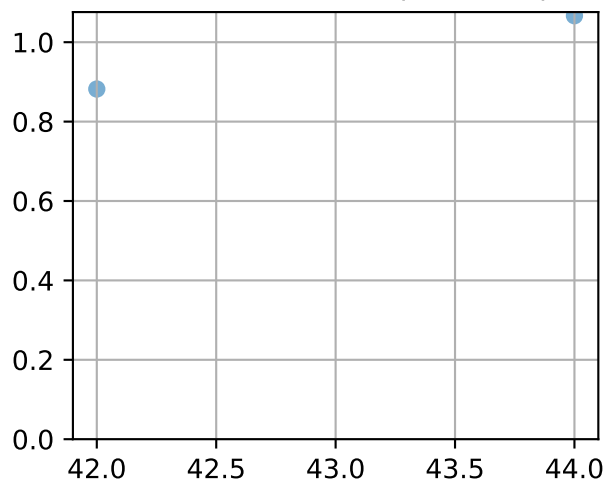
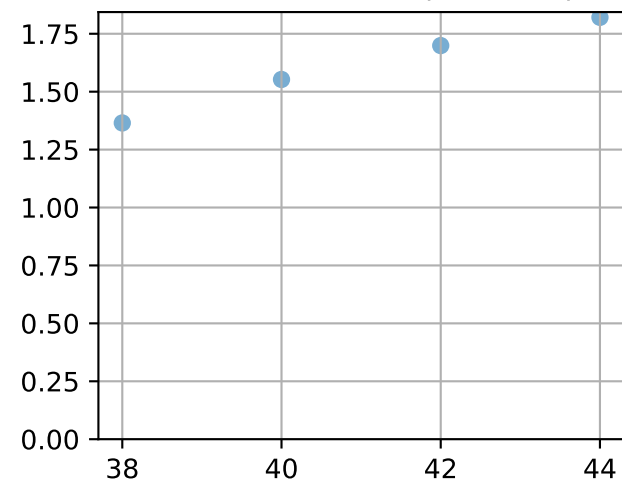


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P6AE-007-10L13 (fit failed)

P6AE-007-10L16 (fit failed)

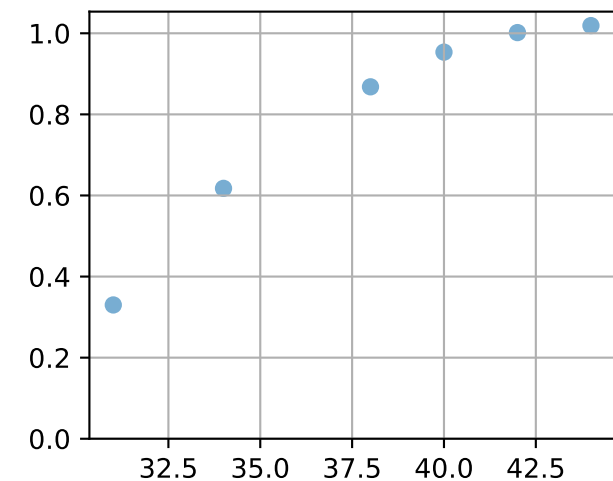
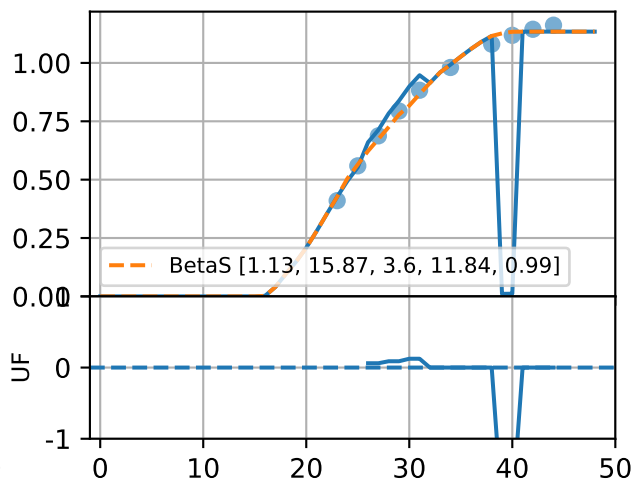
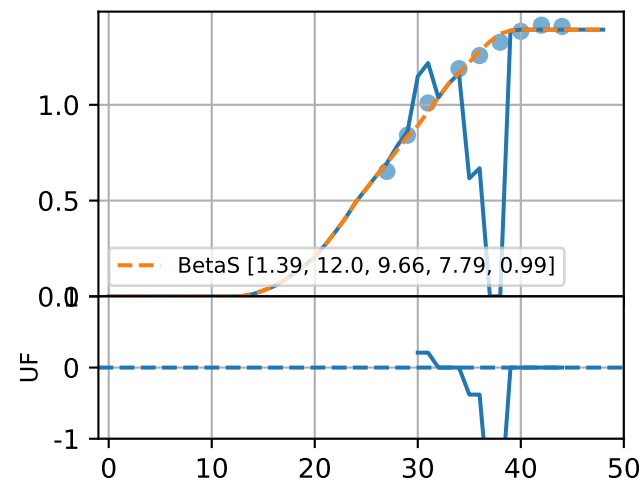
P6AE-007-10L6



P6AE-007-10L9 (fit failed)

P6AE-014-17L11

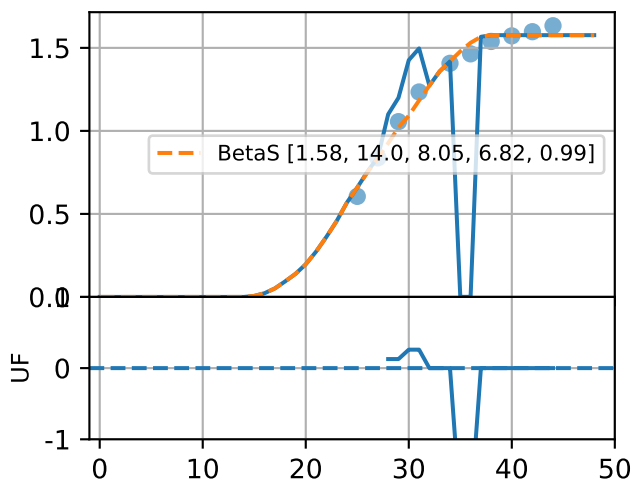
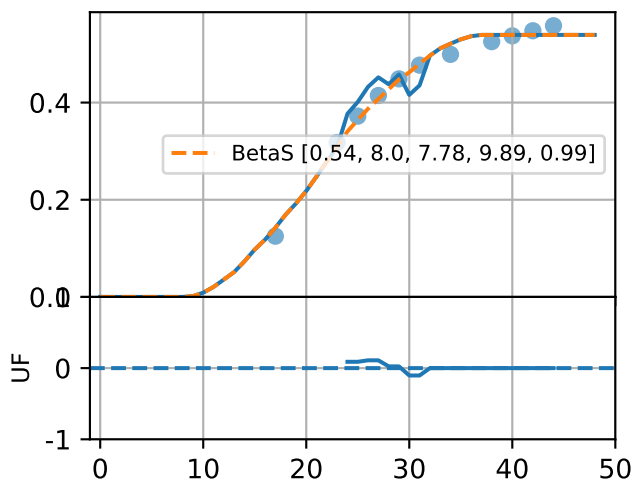
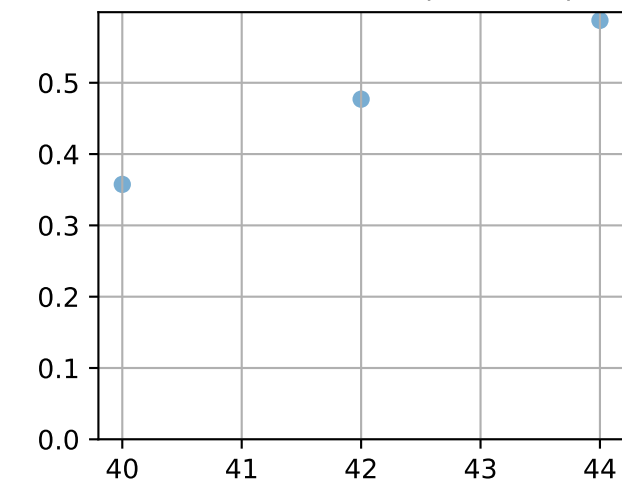
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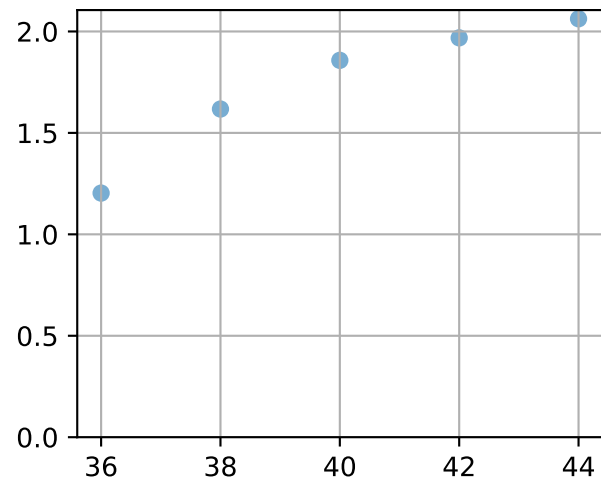
P6AE-014-17L17 (fit failed)

P6AE-014-17L8

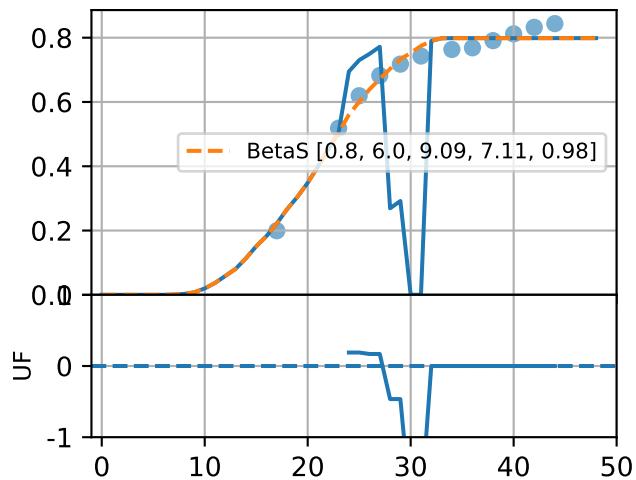
P6AE-026-25L10



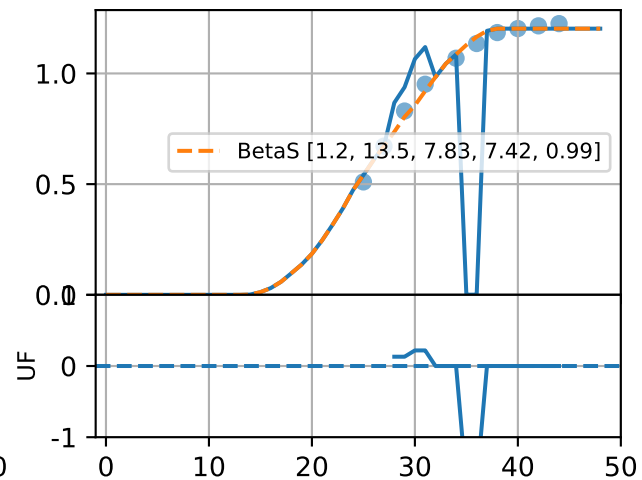
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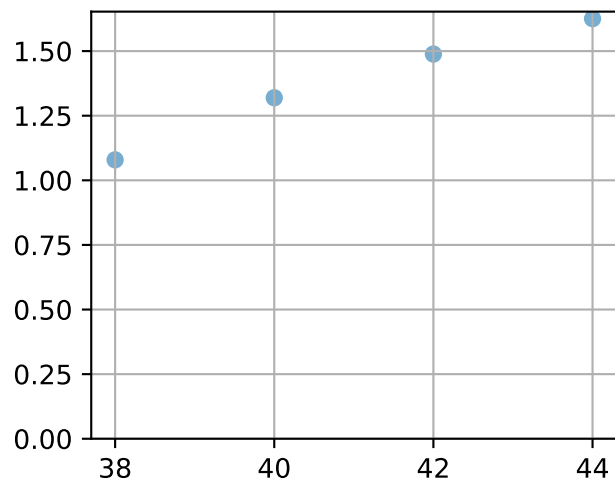
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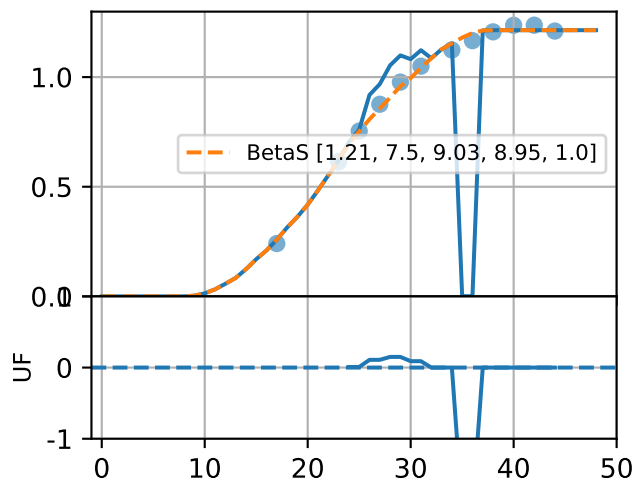
P6AE-033-4L10



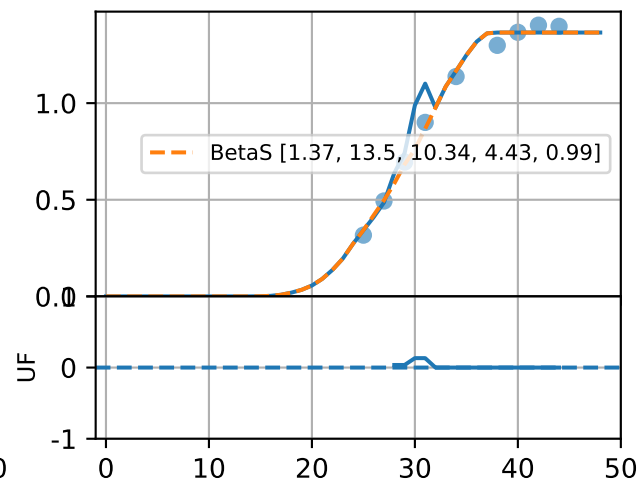
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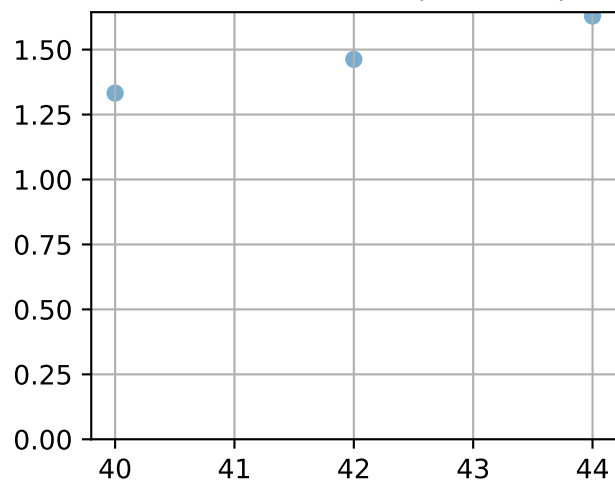
P6AE-033-4L8 (fit failed)



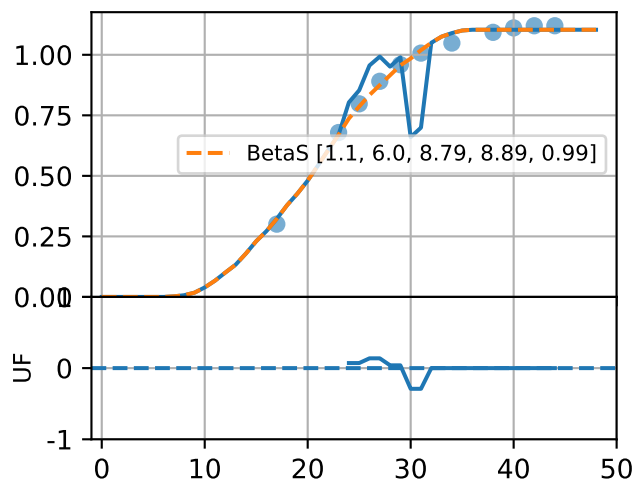
P6AE-045-12L10

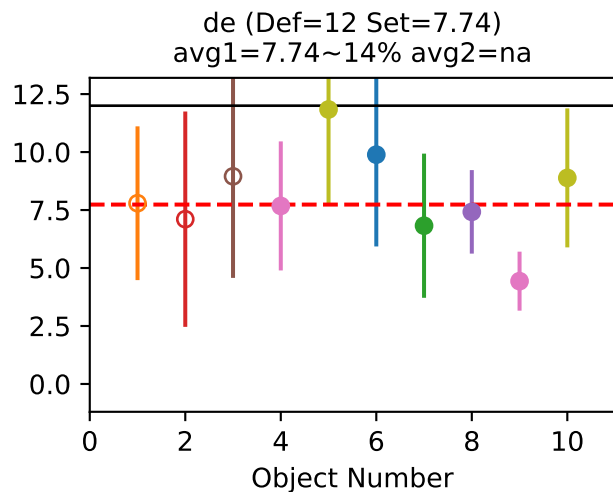
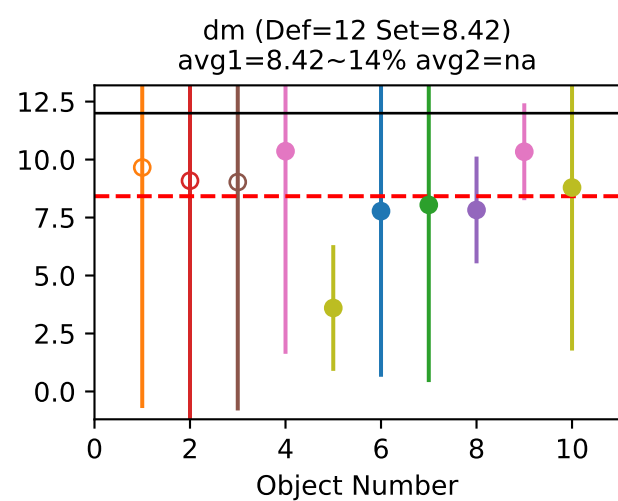
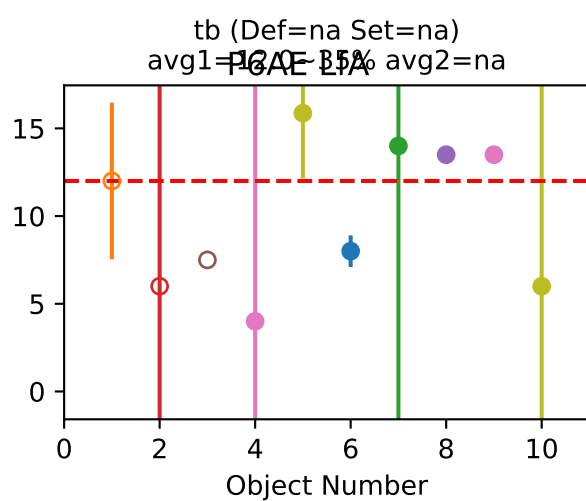
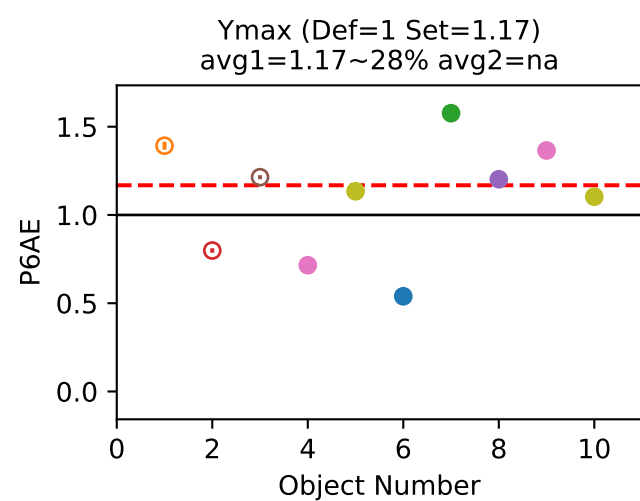


P6AE-045-12L14 (fit failed)



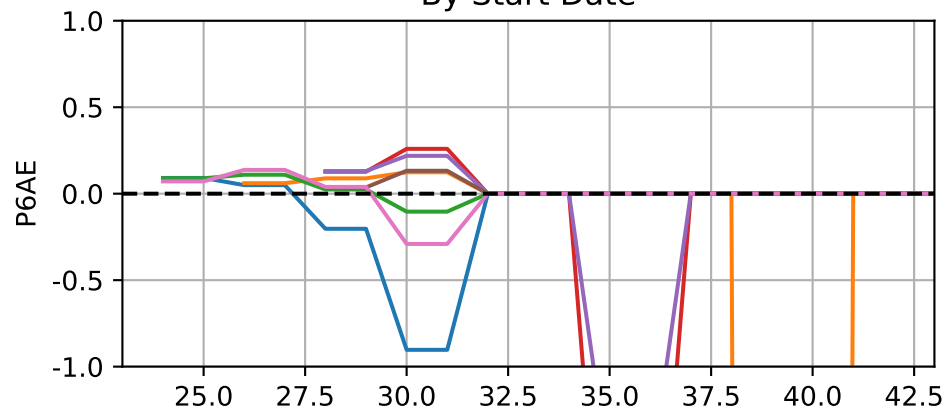
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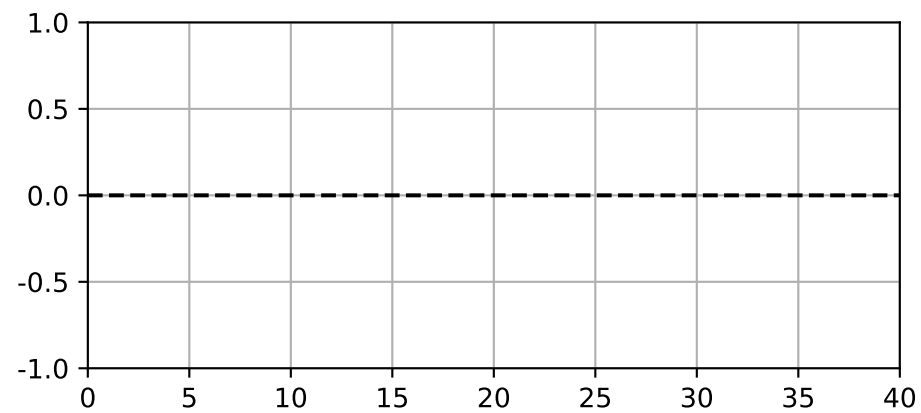
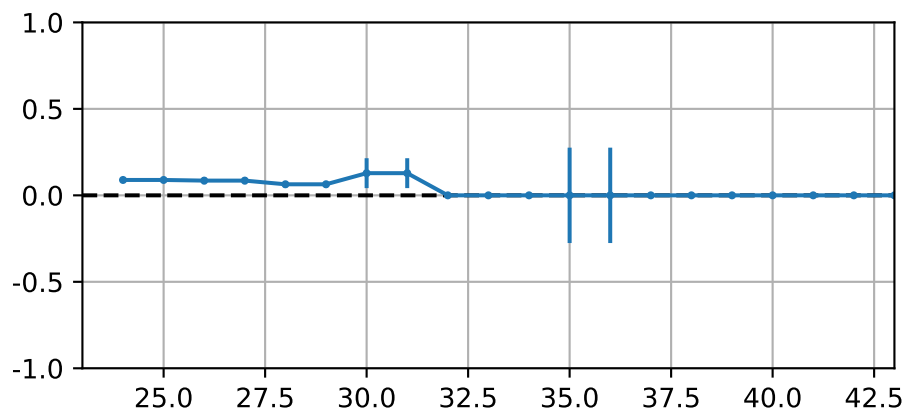
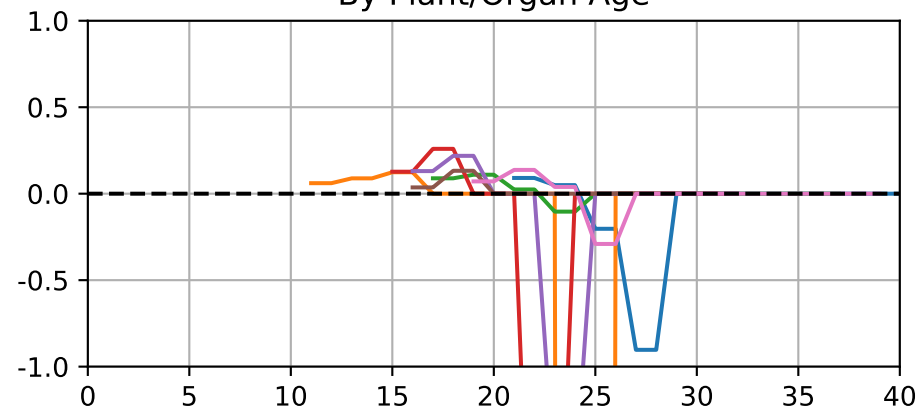


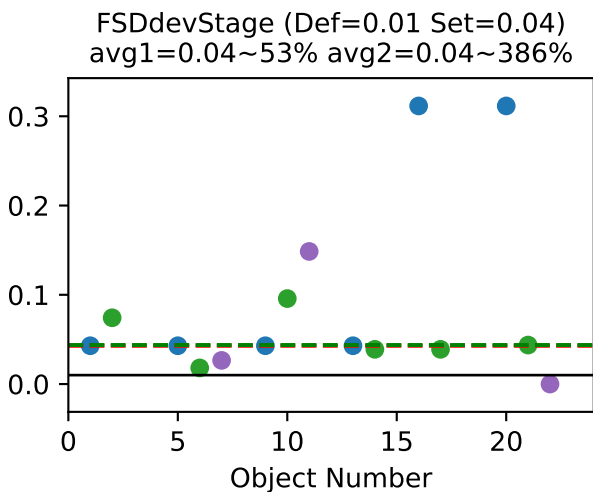
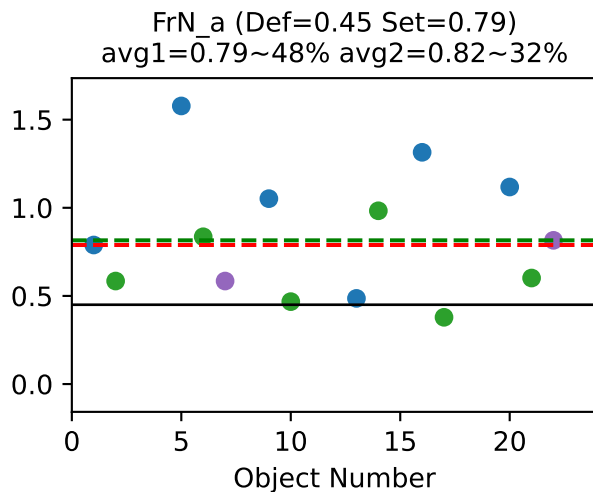
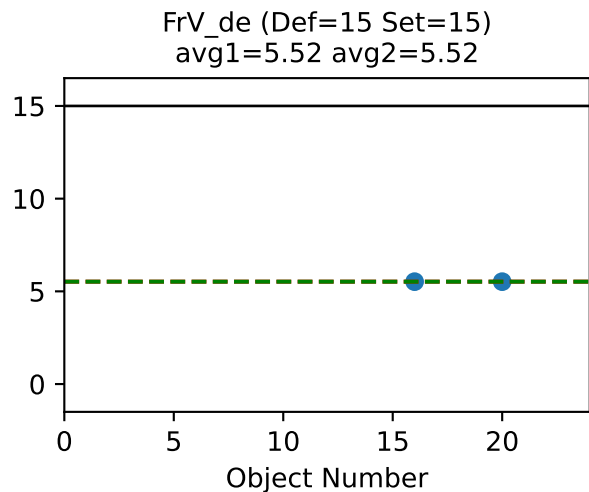
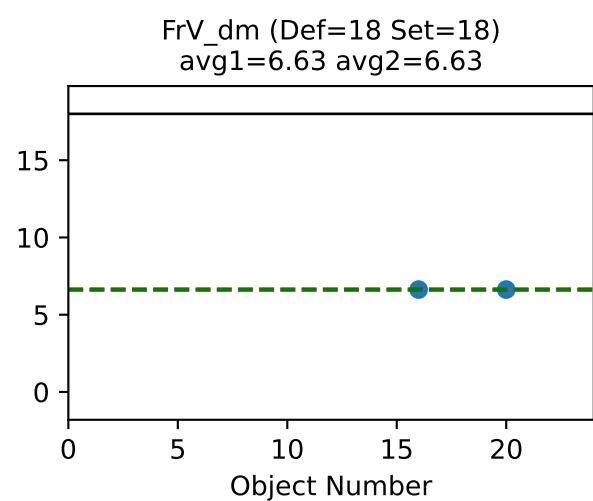
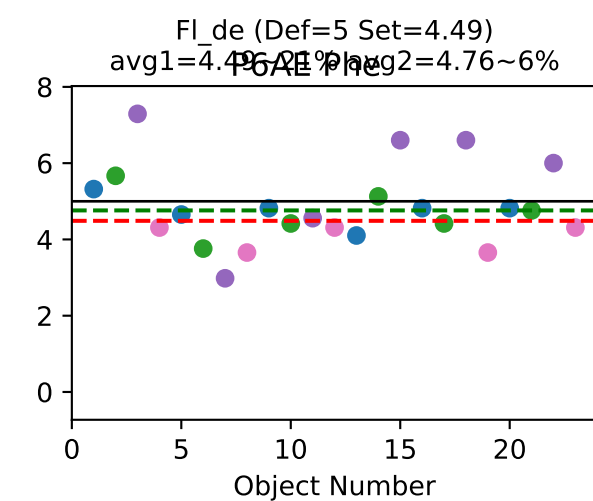
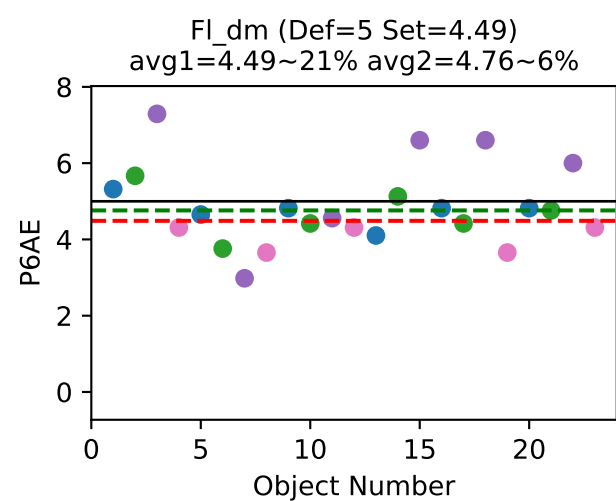
LfA

By Start Date

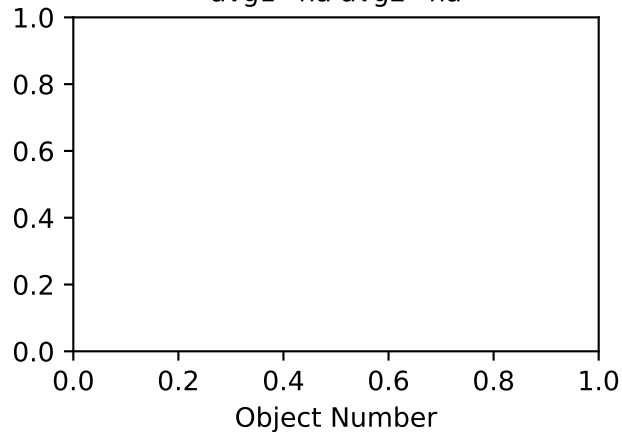


By Plant/Organ Age

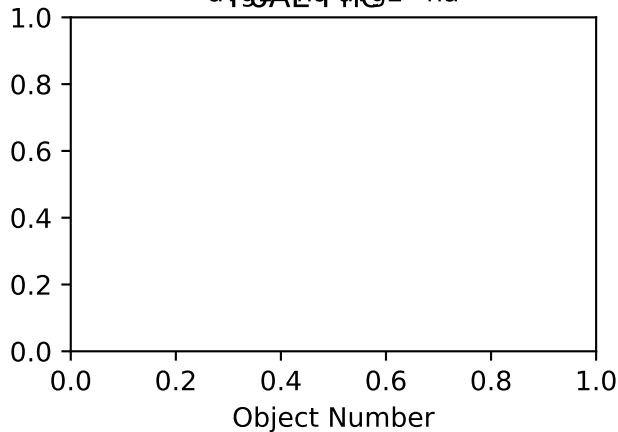




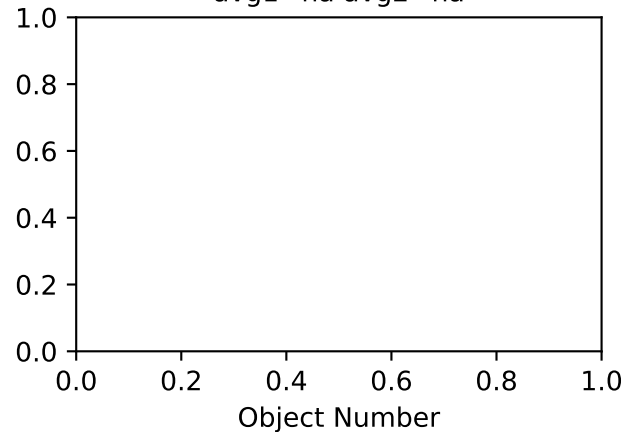
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



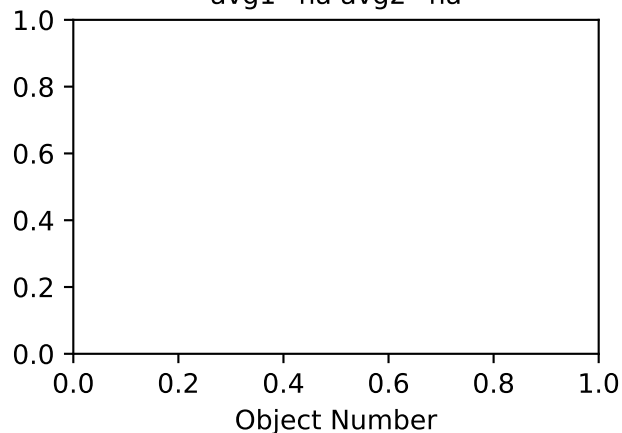
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



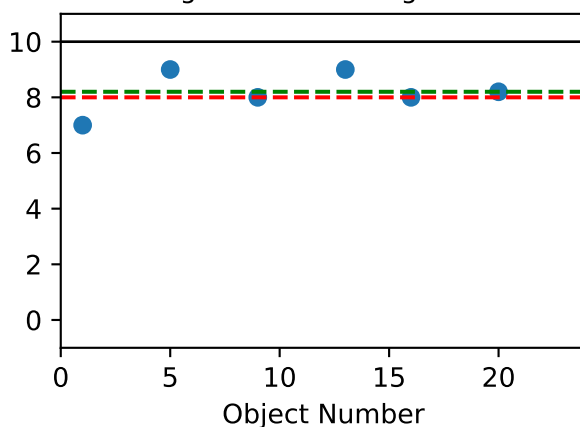
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



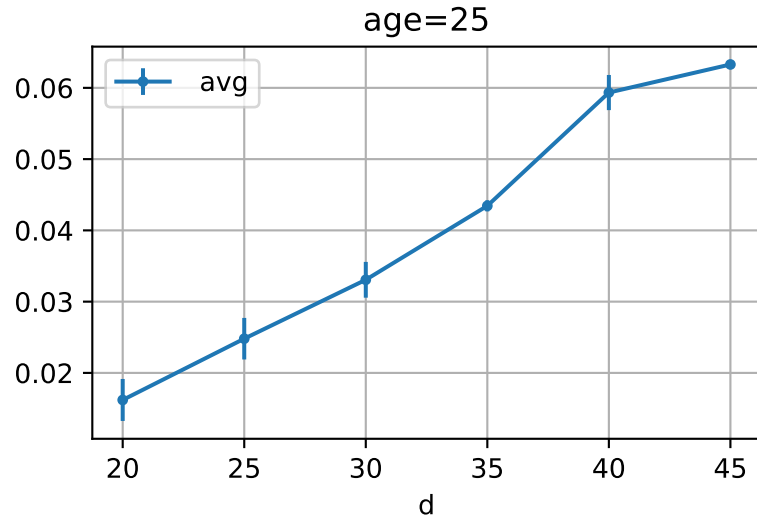
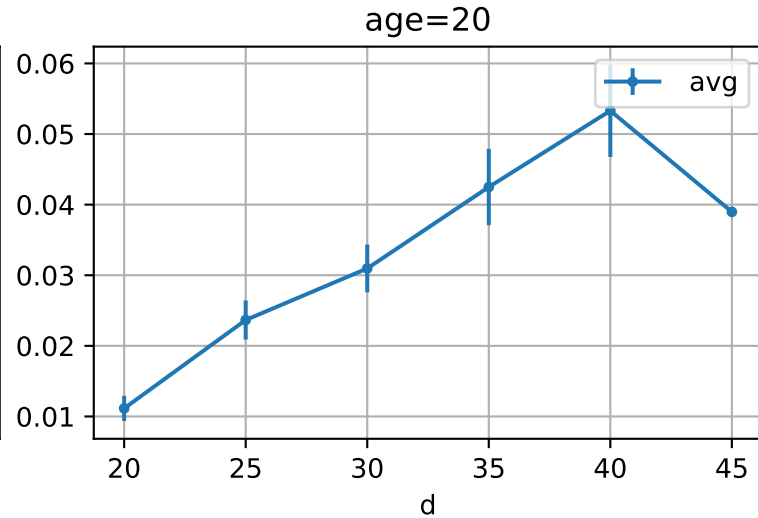
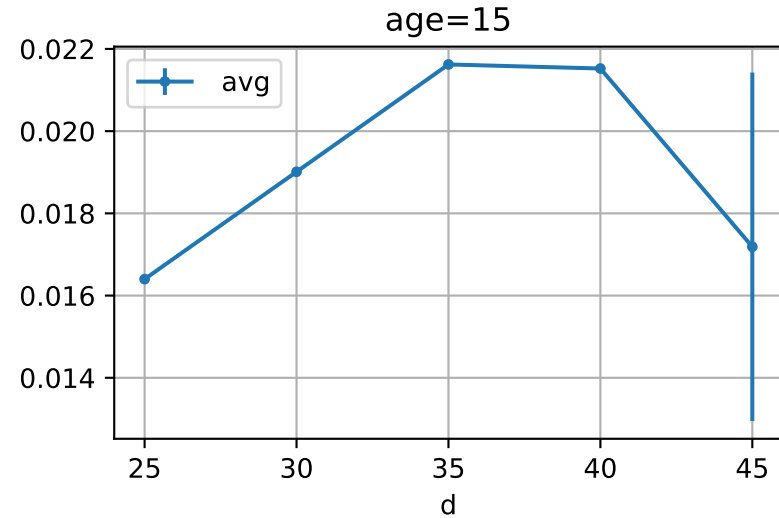
FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na



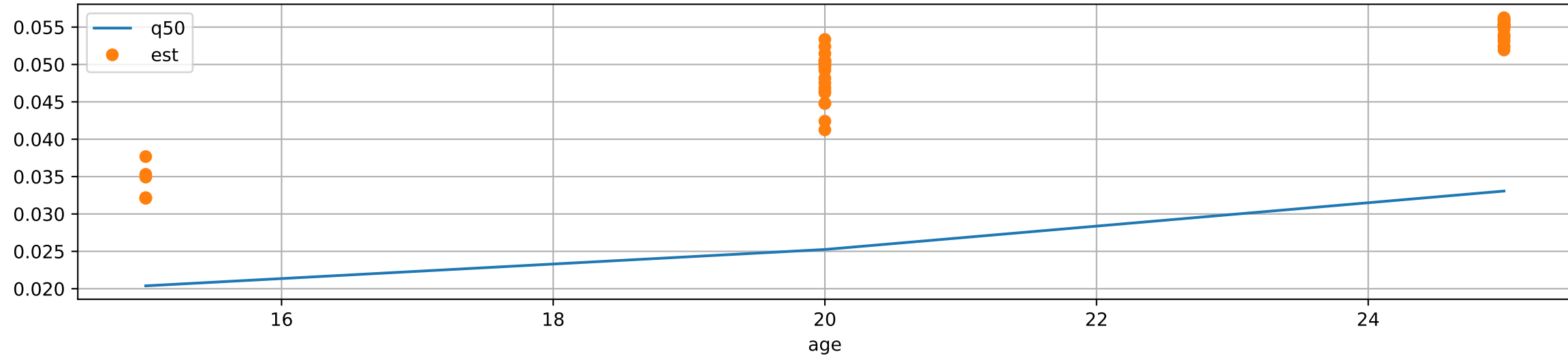
NNgen (Def=10 Set=8)
avg1=8.0~10% avg2=8.2



LfA: avg vs. d at each age group

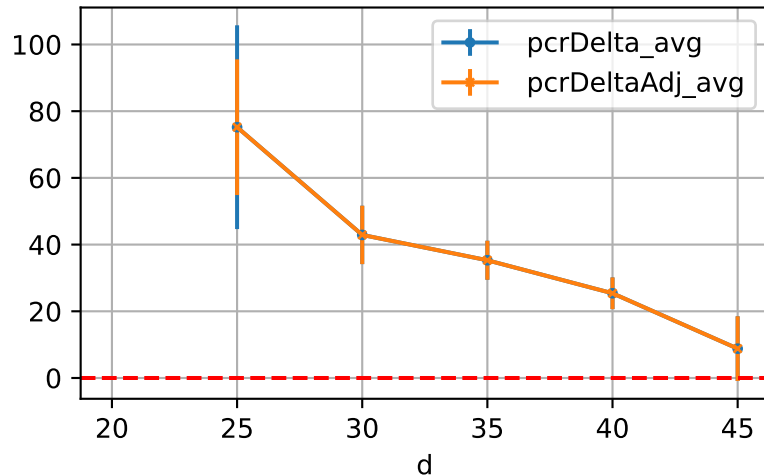


LfA: model est vs obsOv@Q50

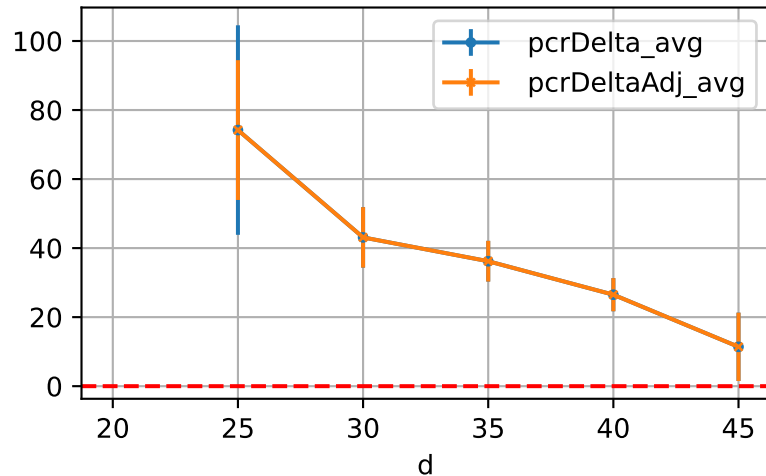


P6AE LfA: D_5d_LfA

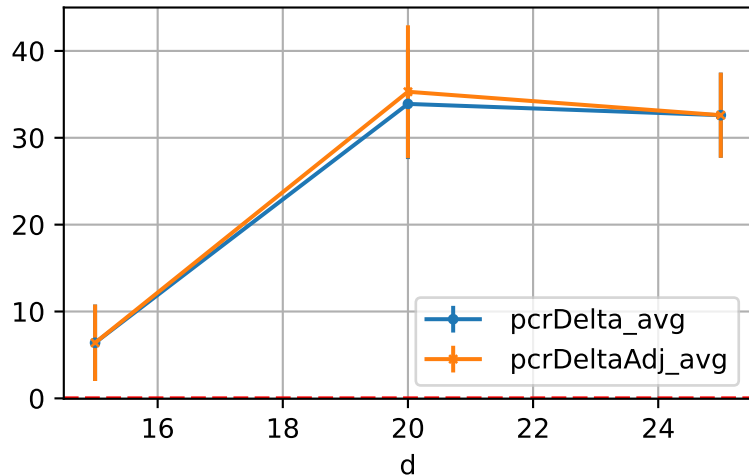
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

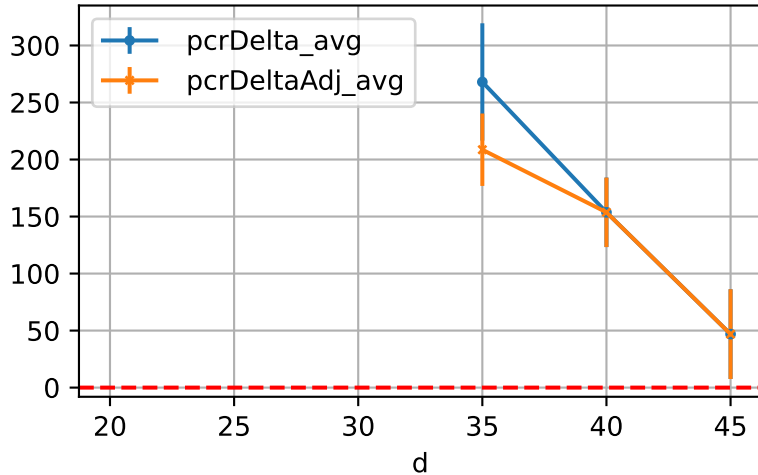


DeltaTypeAbbr=GrpByAge

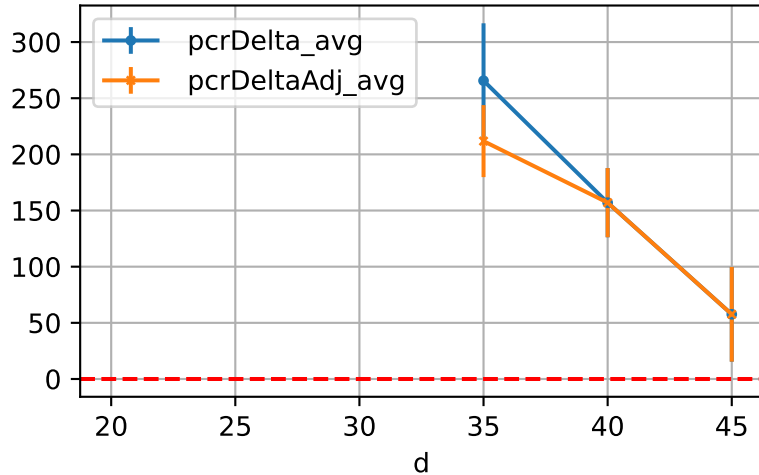


P6AE LfA: D_15d_LfA

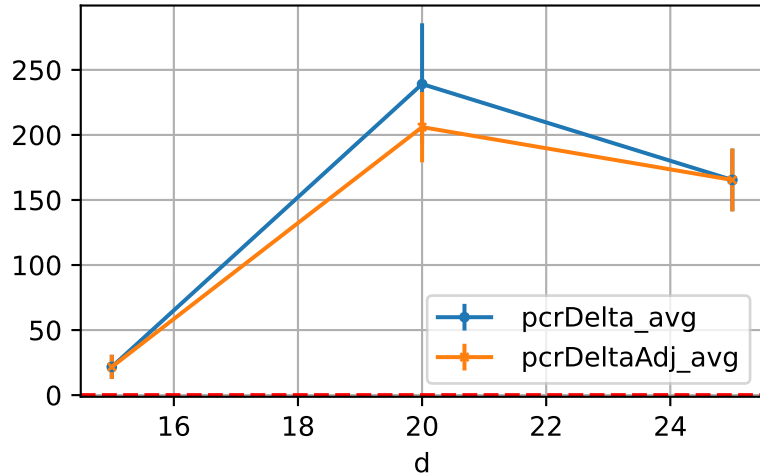
DeltaTypeAbbr=GrpByDay



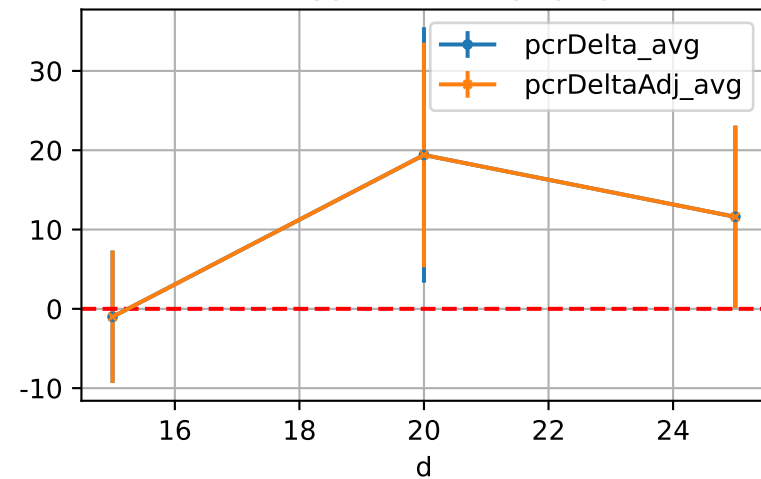
DeltaTypeAbbr=WeiAvgByD



DeltaTypeAbbr=GrpByAge

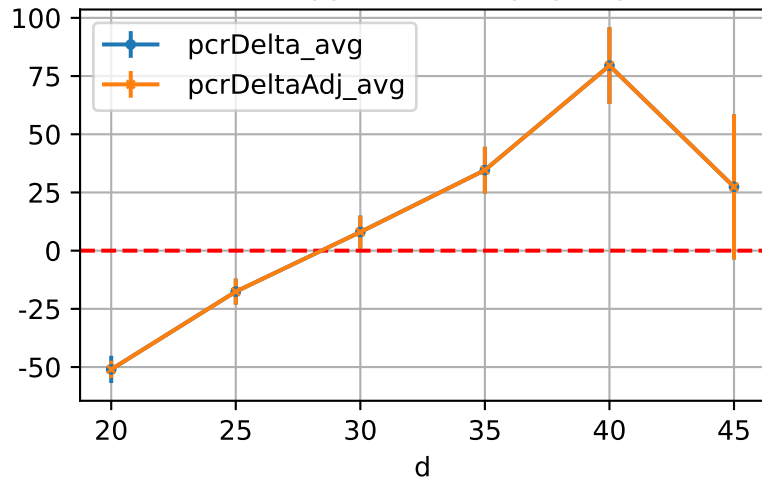


DeltaTypeAbbr=GrpByAge

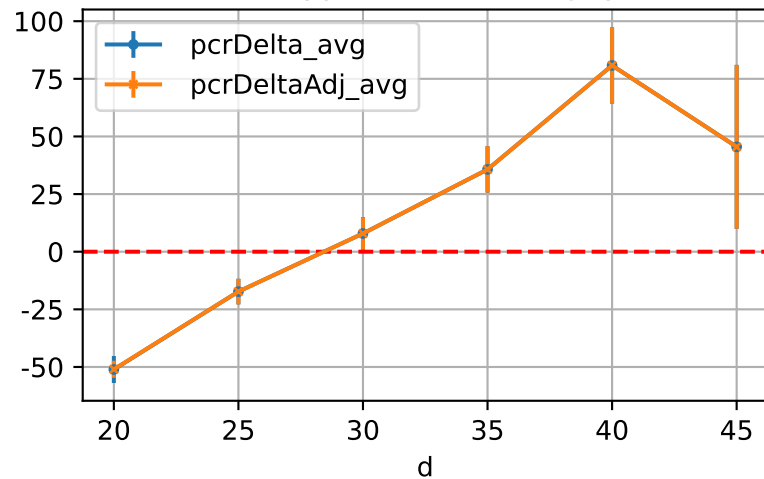


P6AE LfA: D_Q50_LfA

DeltaTypeAbbr=GrpByDay

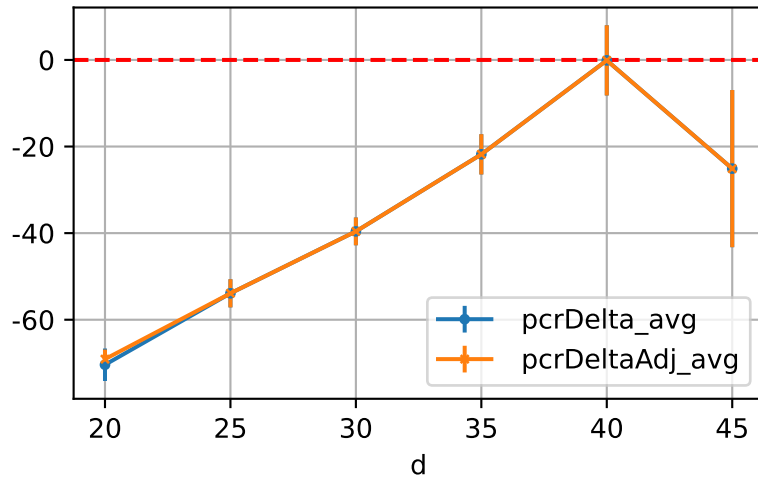


DeltaTypeAbbr=WeiAvgByD

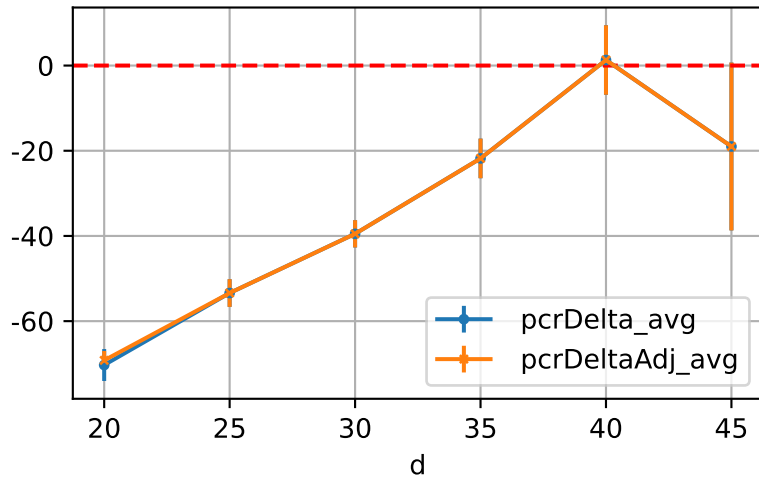


P6AE LfA: D_Est_LfA

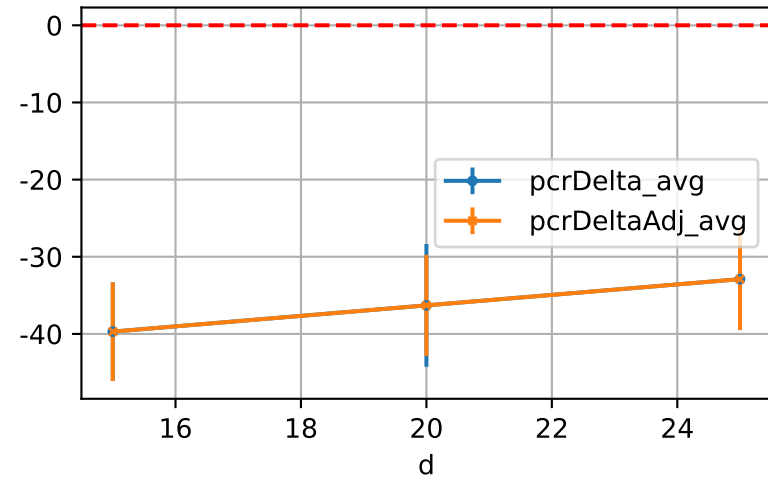
DeltaTypeAbbr=GrpByDay



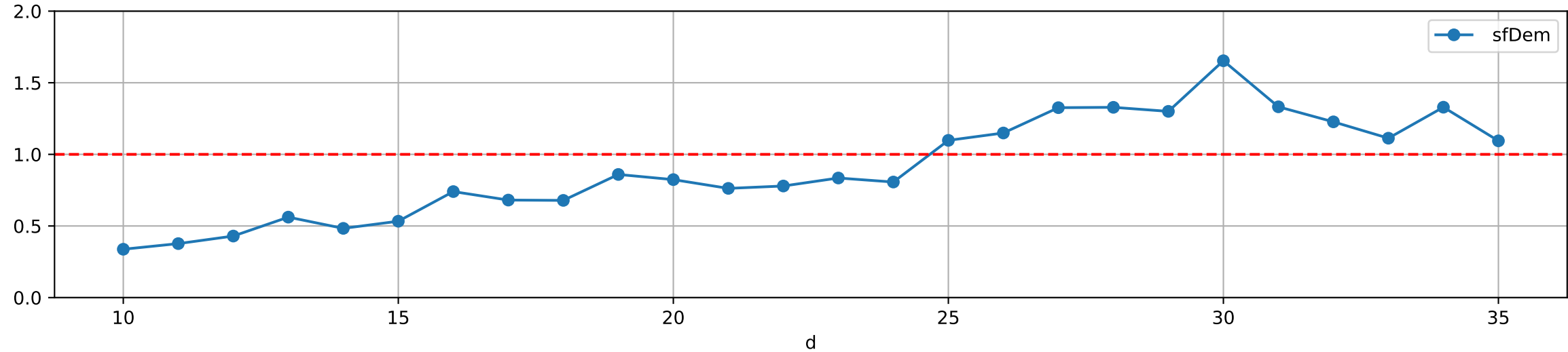
DeltaTypeAbbr=WeiAvgByD

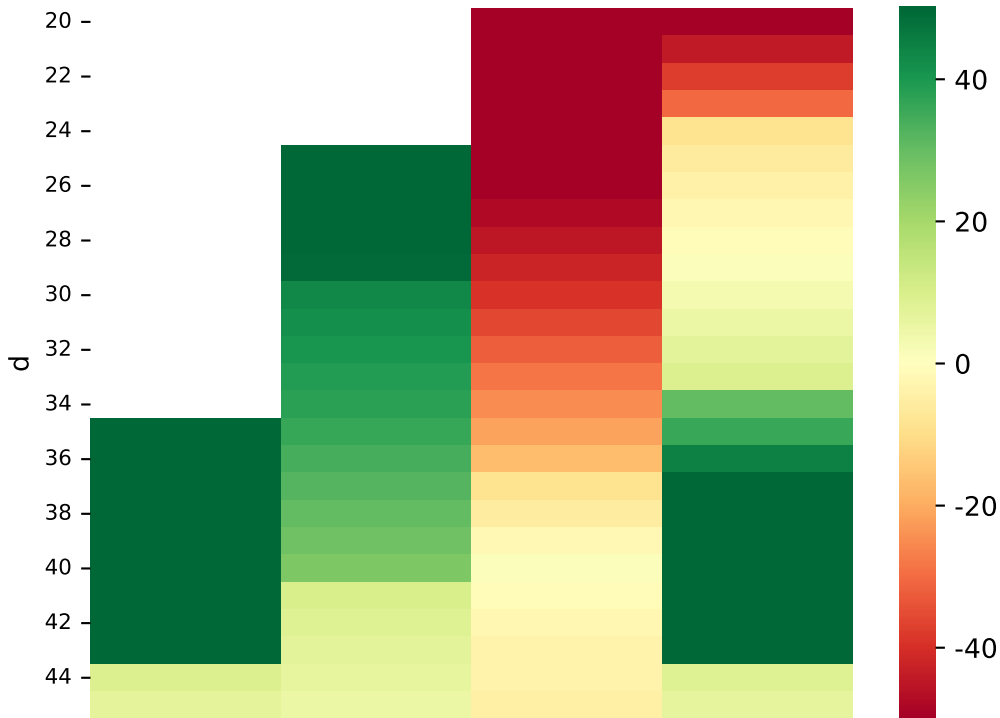


DeltaTypeAbbr=GrpByAge



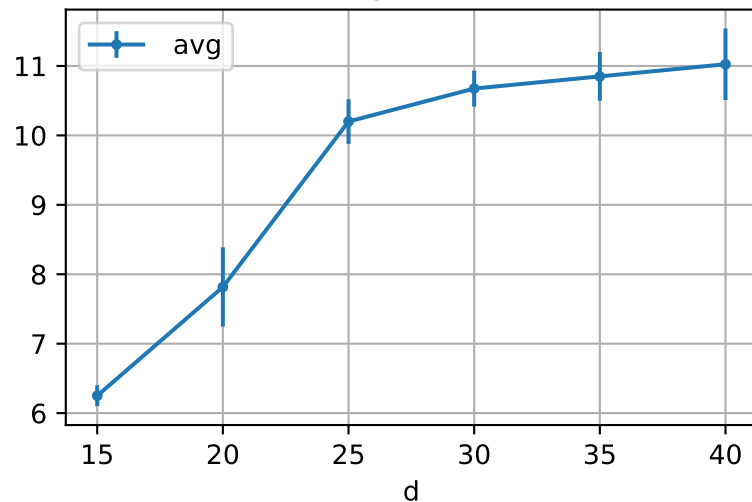
LfA: sfDem



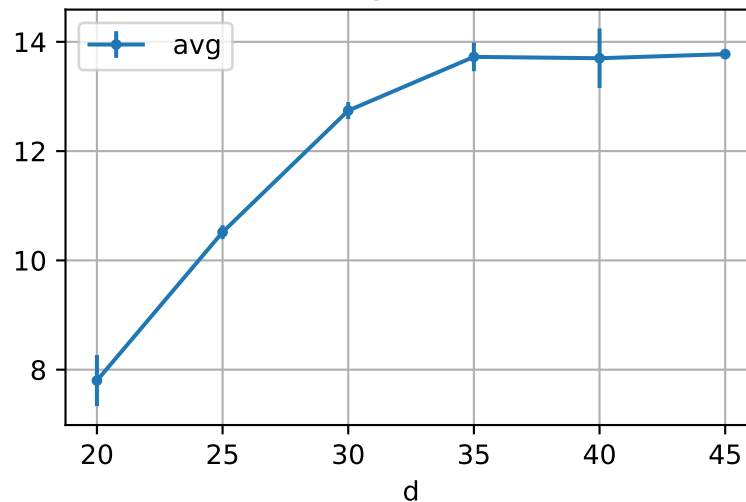


NdD: avg vs. d at each age group

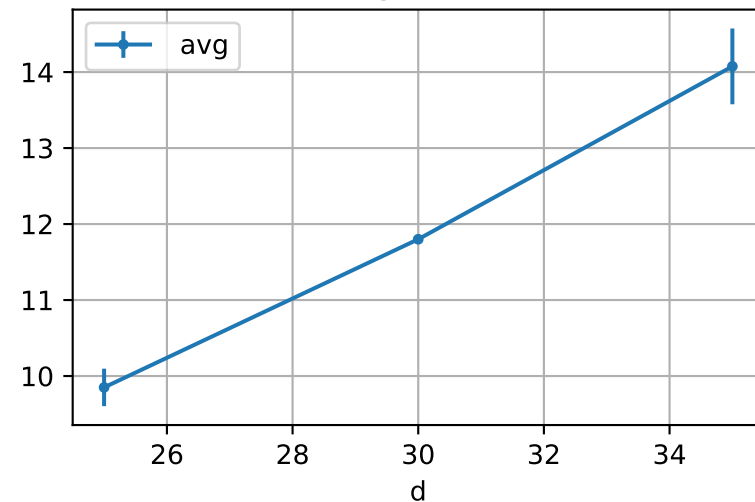
age=15



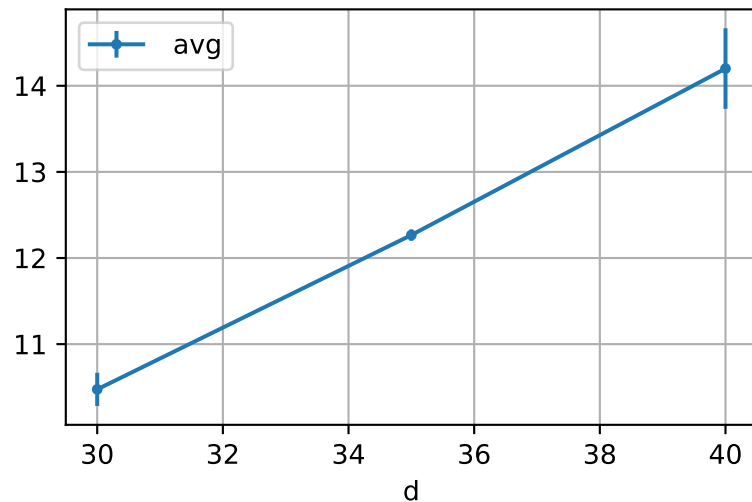
age=20



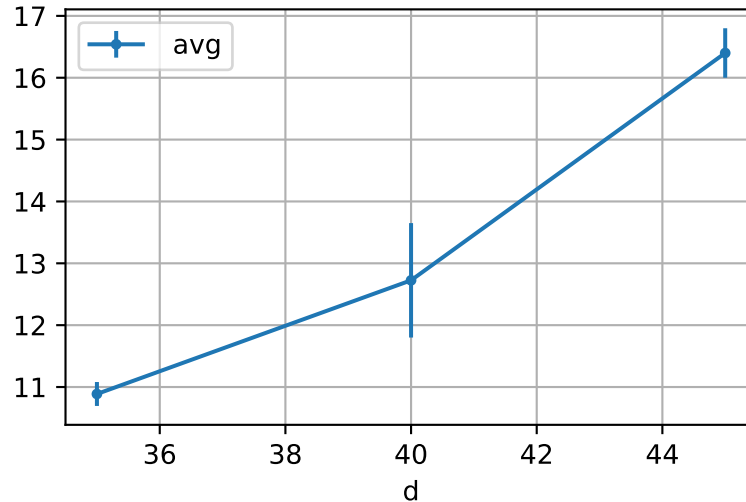
age=25



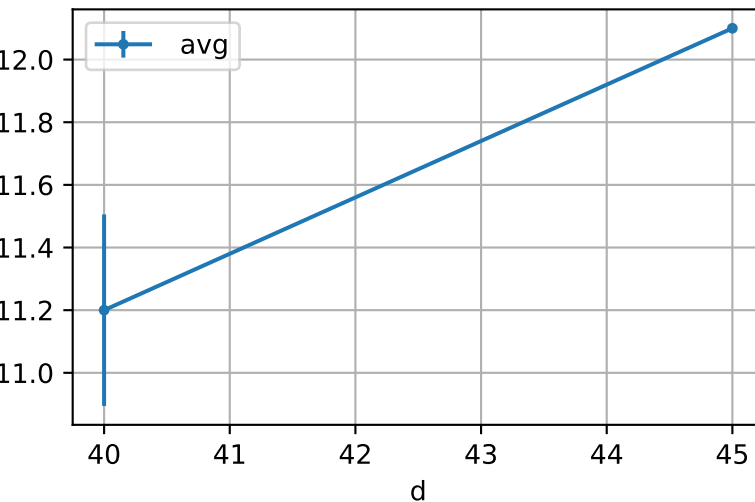
age=30



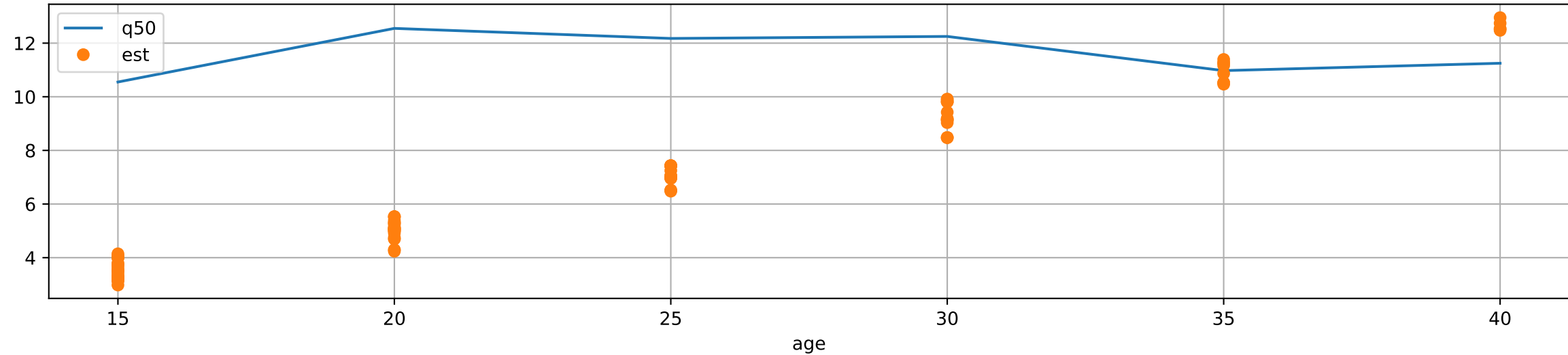
age=35



age=40

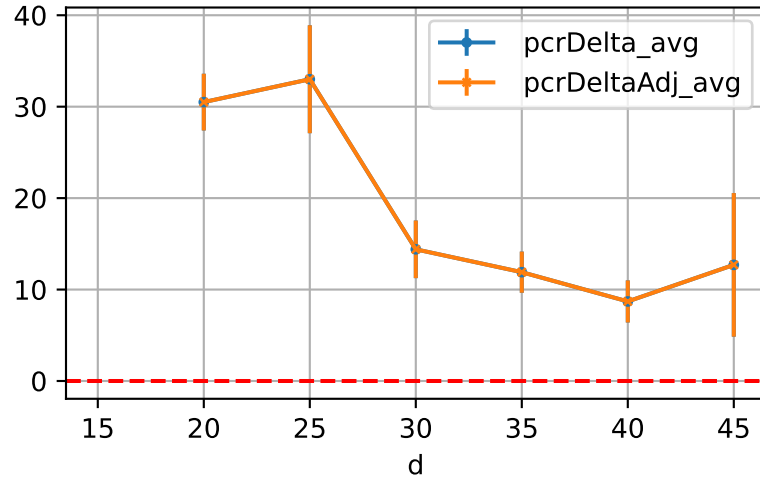


NdD: model est vs obsOv@Q50

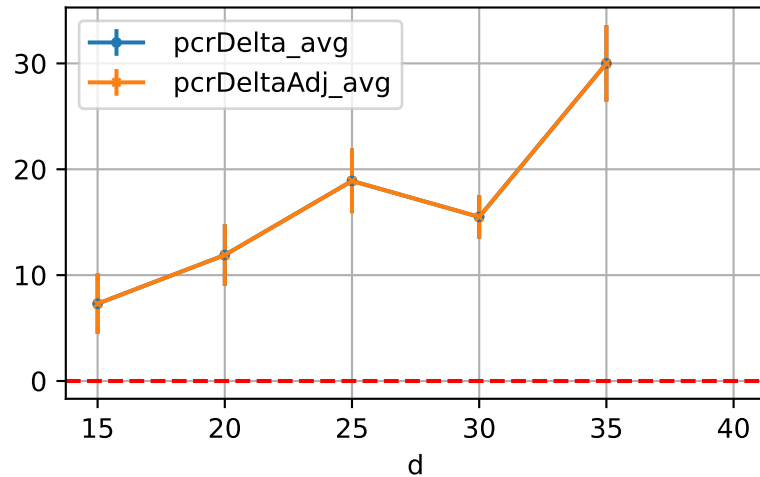


P6AE NdD: D_5d_NdD

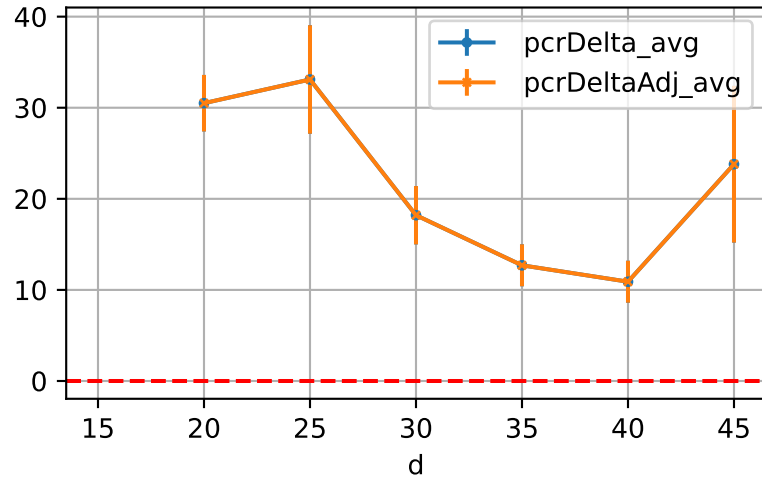
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

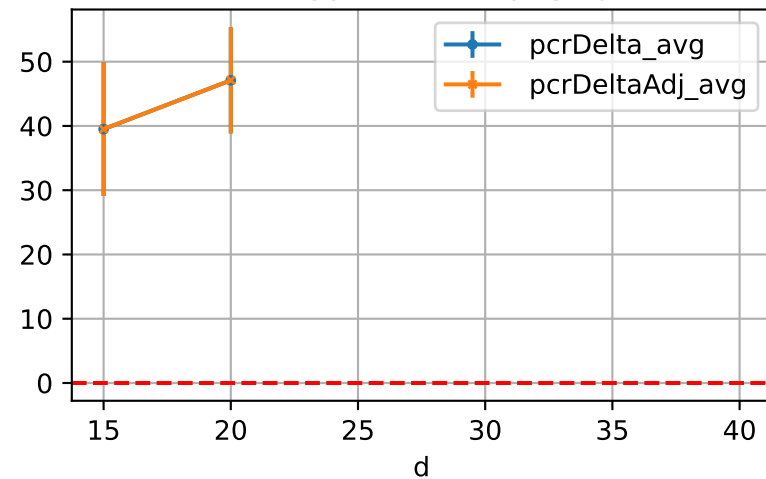


DeltaTypeAbbr=WeiAvgByD

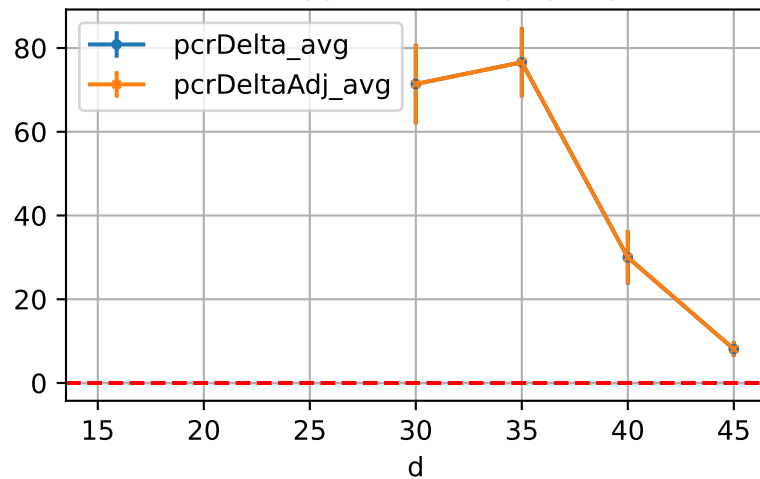


P6AE NdD: D_15d_NdD

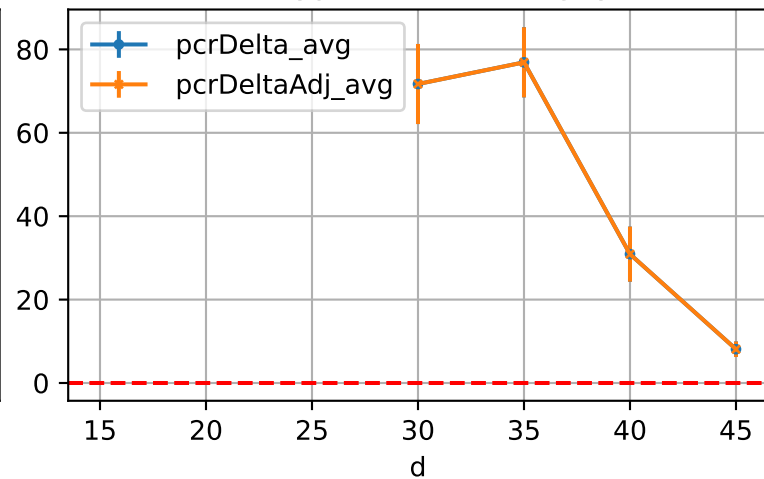
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

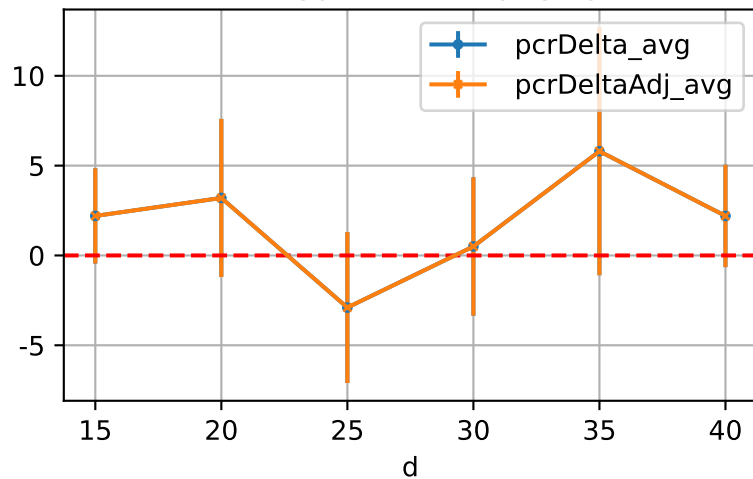


DeltaTypeAbbr=WeiAvgByD

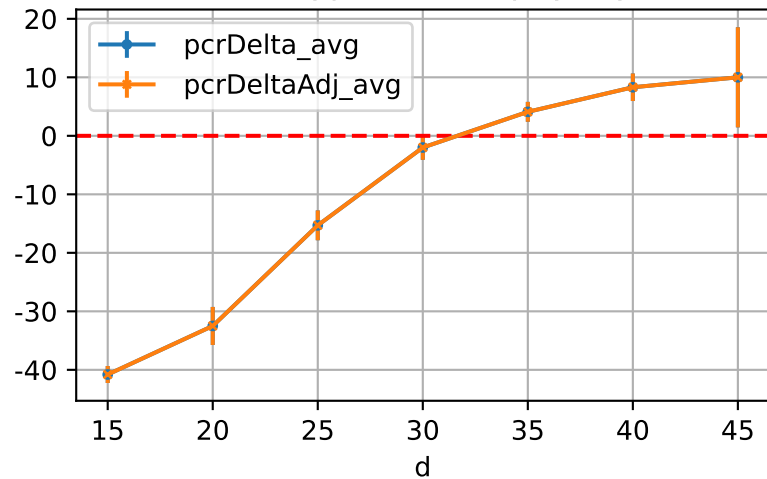


P6AE NdD: D_Q50_NdD

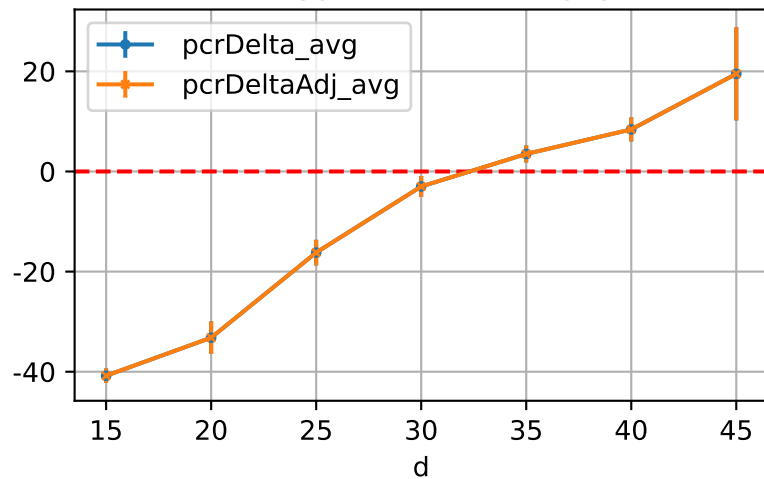
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

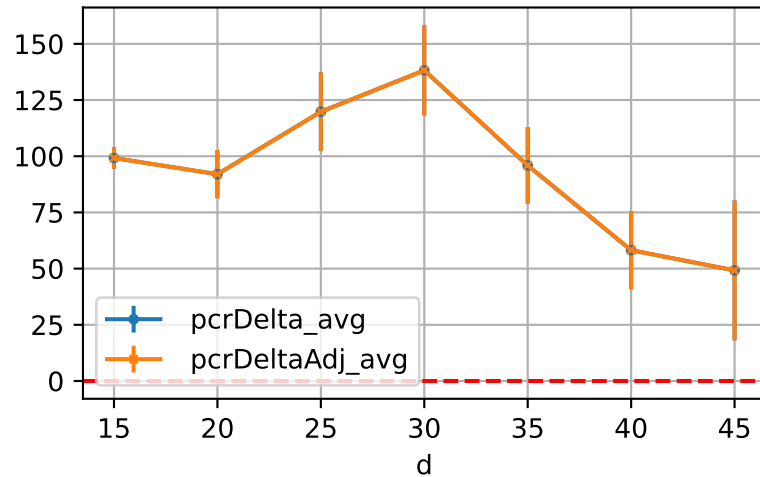


DeltaTypeAbbr=WeiAvgByD

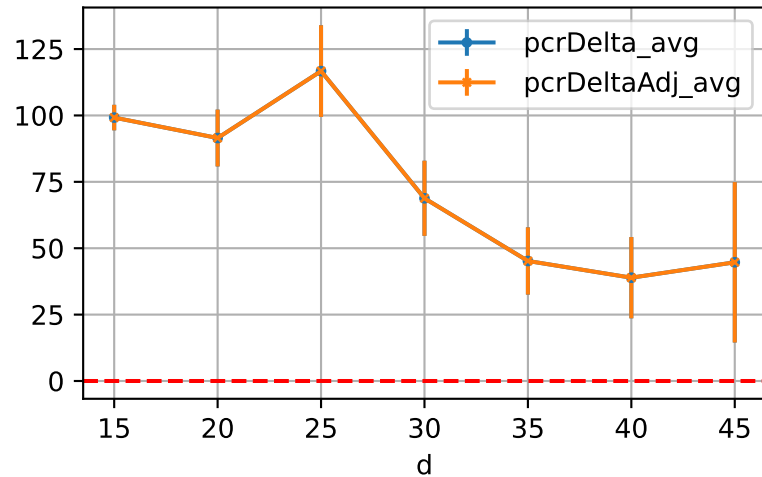


P6AE NdD: D_Est_NdD

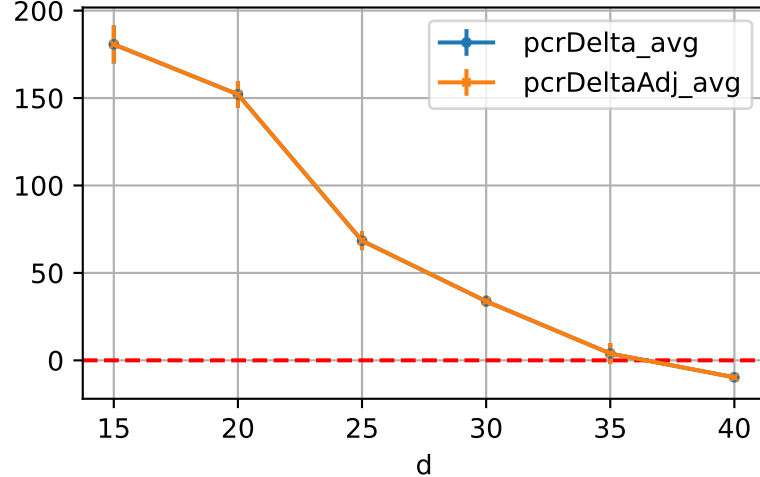
DeltaTypeAbbr=GrpByDay



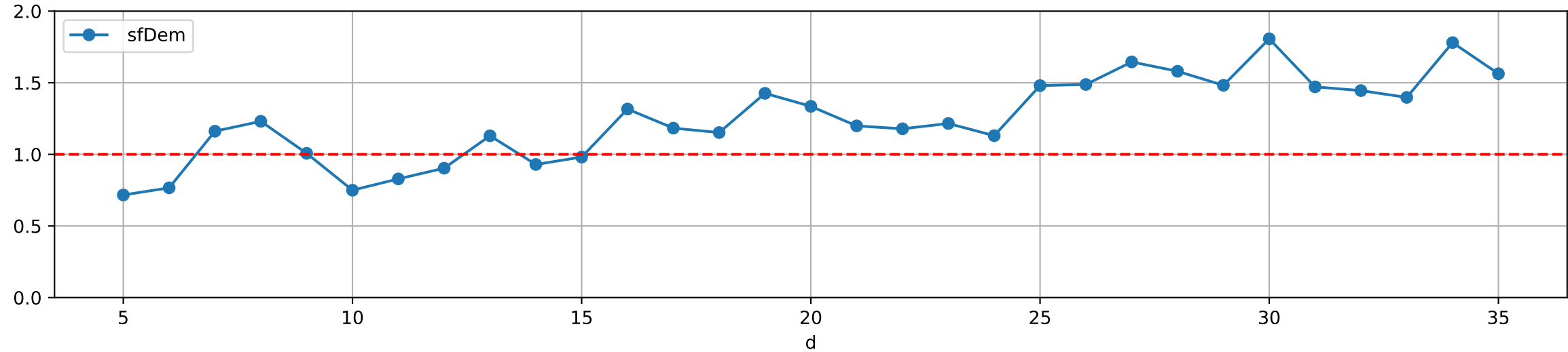
DeltaTypeAbbr=WeiAvgByD



DeltaTypeAbbr=GrpByAge

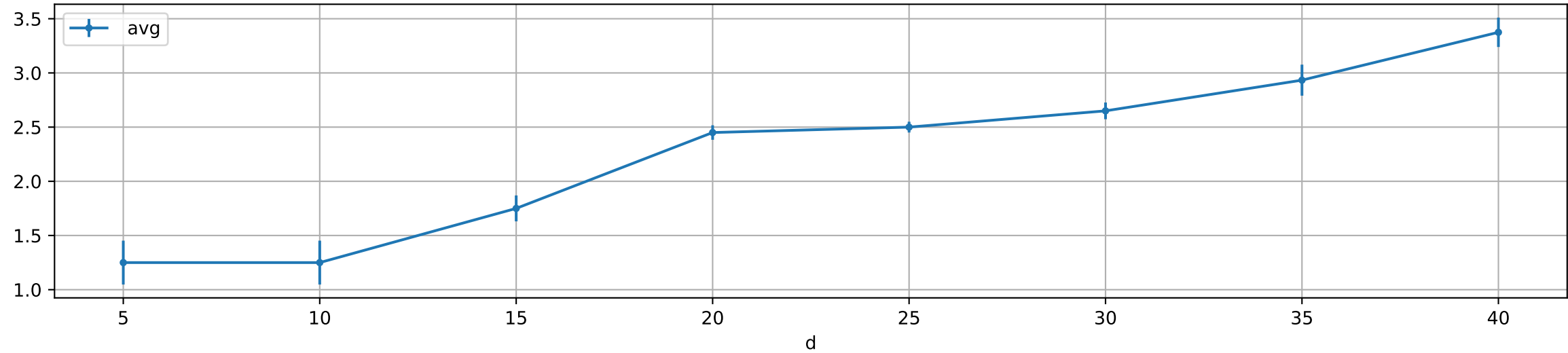


NdD: sfDem

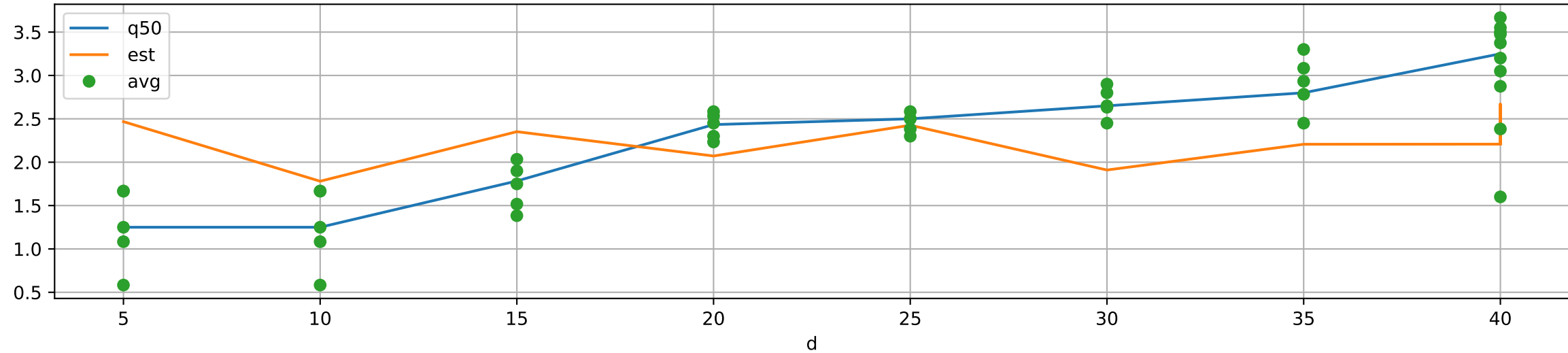




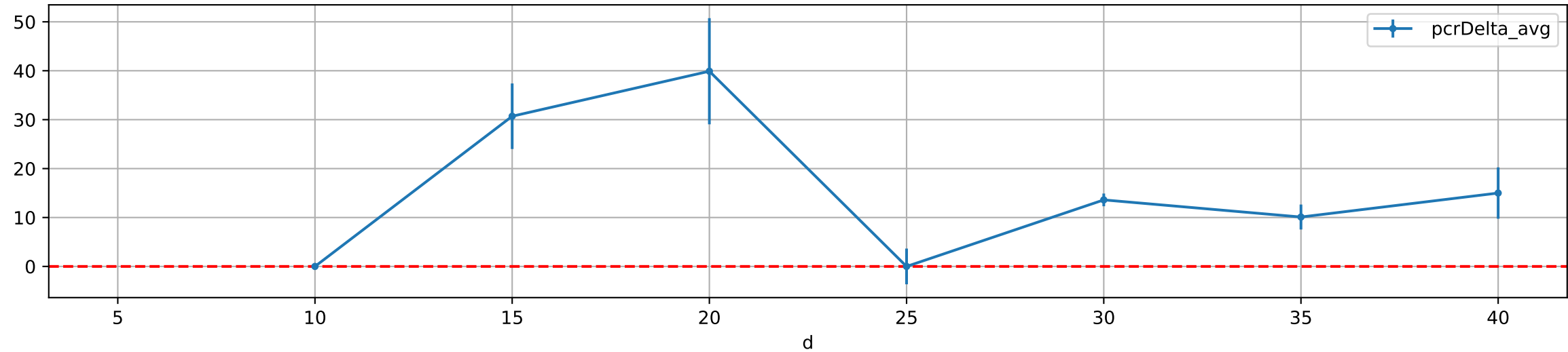
dStH: avg vs. d



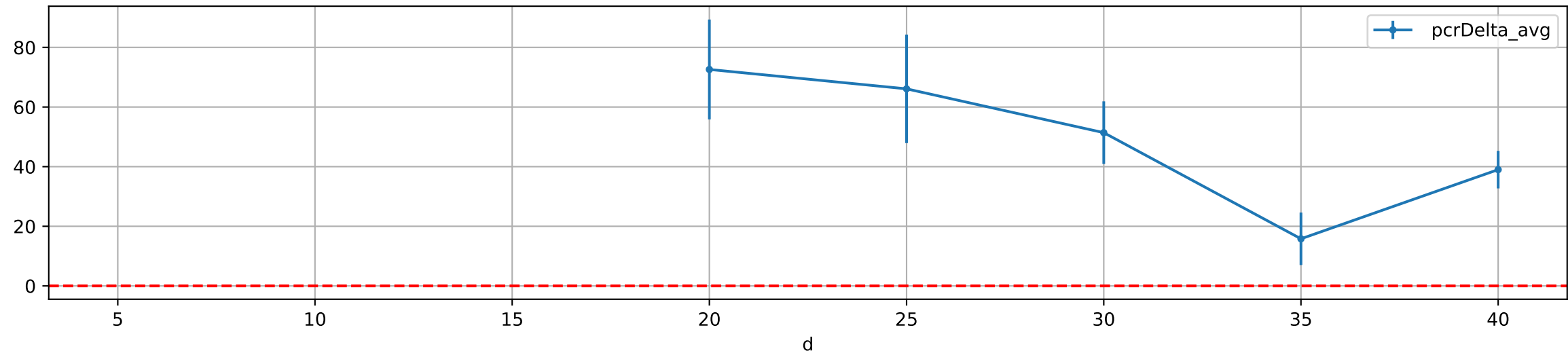
dStH: obsAvg vs obsOv@Q50



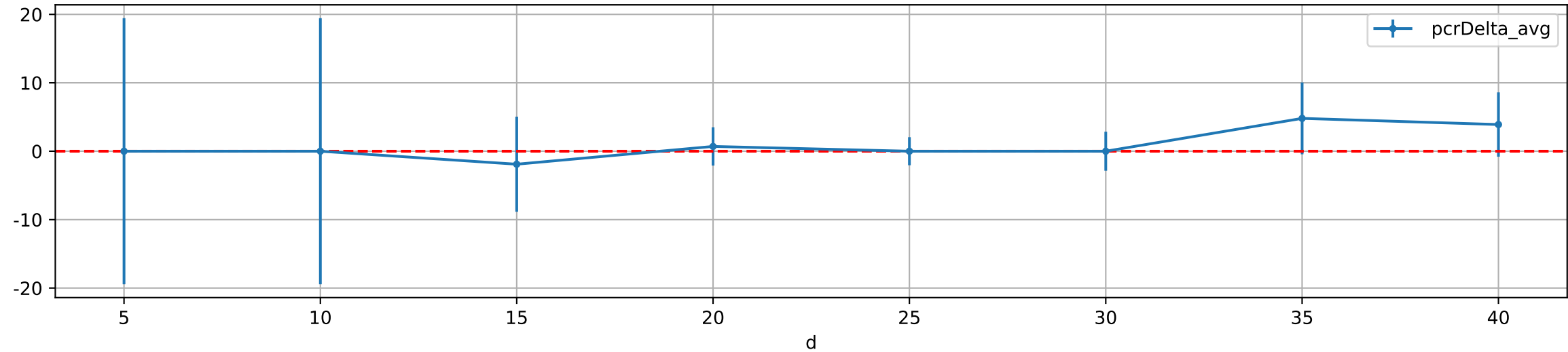
dStH: D_5d_StH



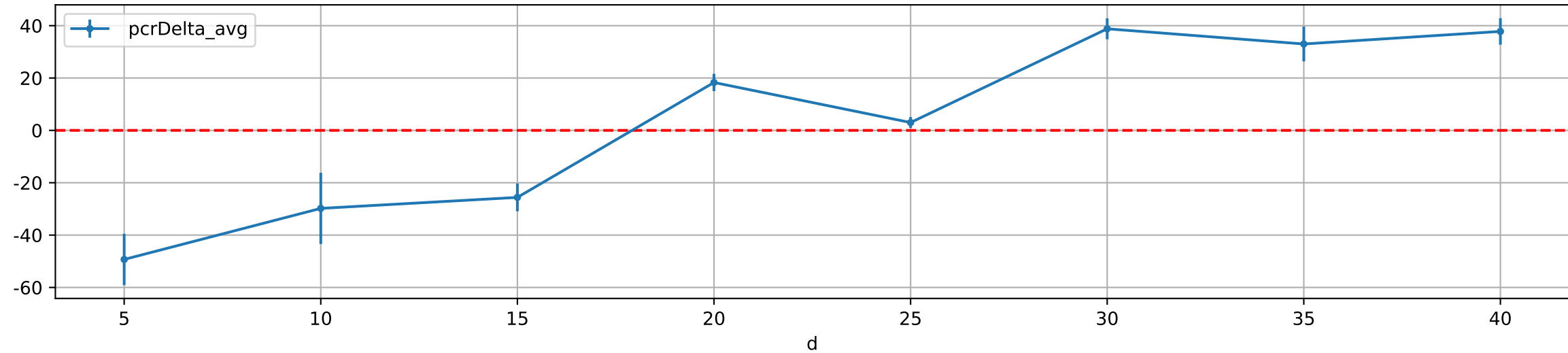
dStH: D_15d_StH



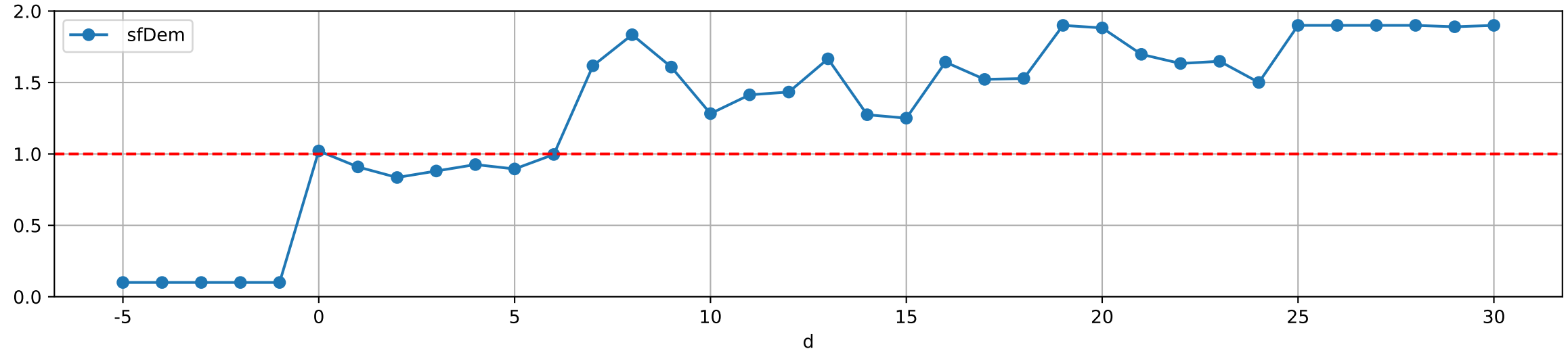
dStH: D_Q50_StH

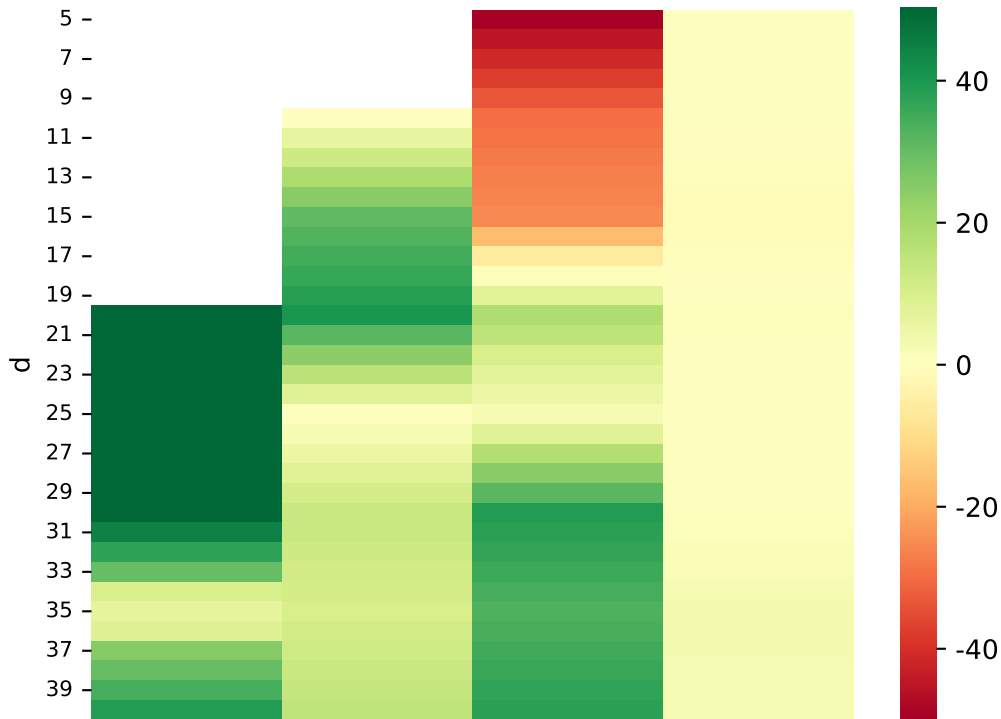


dStH: D_Est_StH



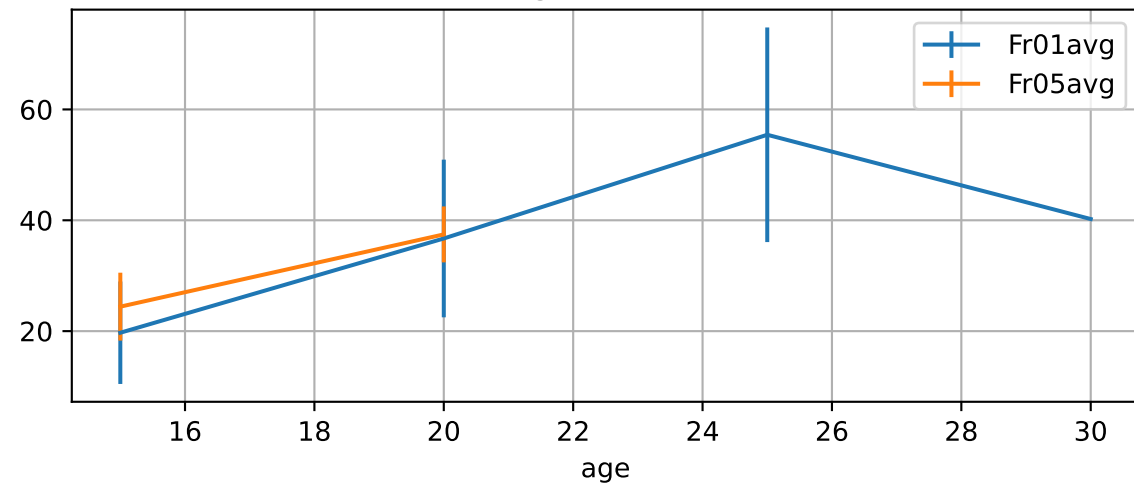
dStH: sfDem



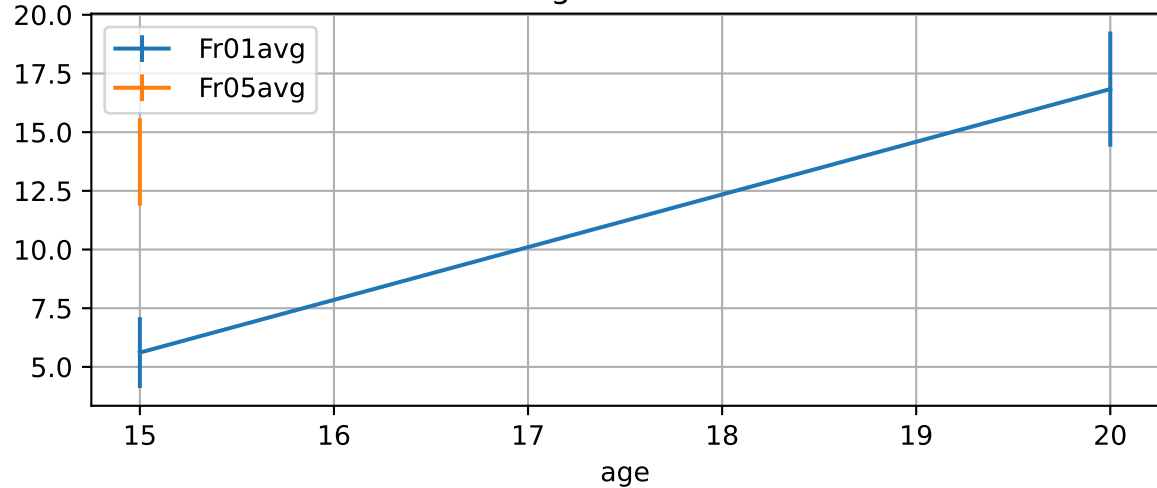


FrV: Fr01 vs Fr05 at each truss

organID=T01

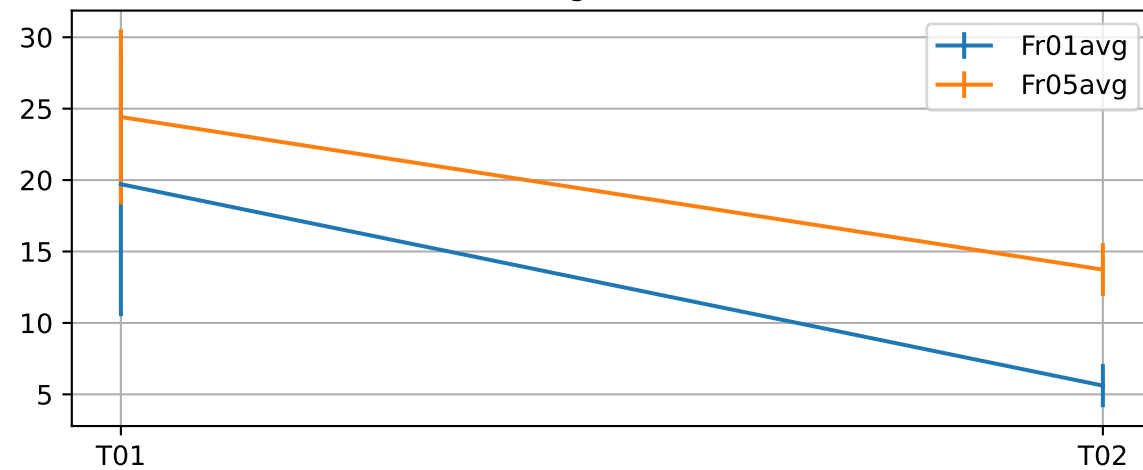


organID=T02

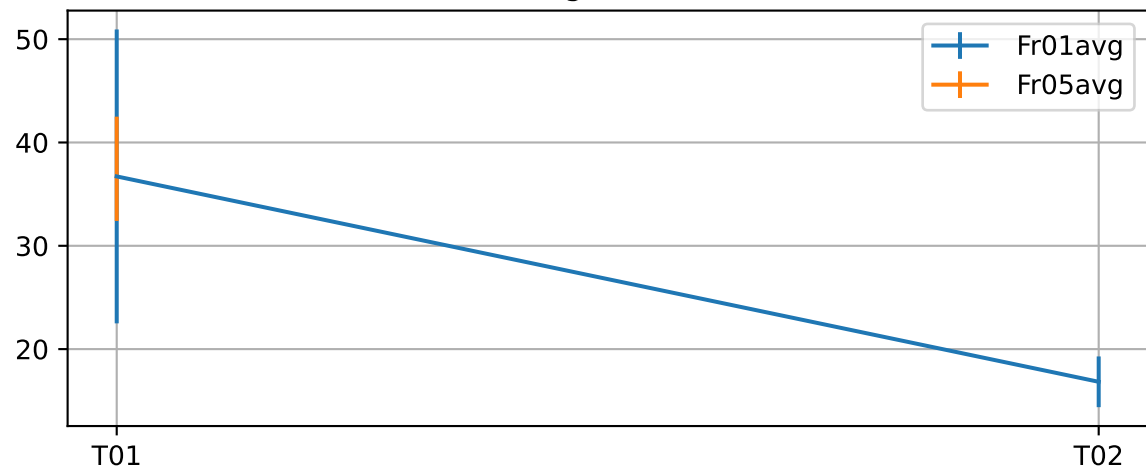
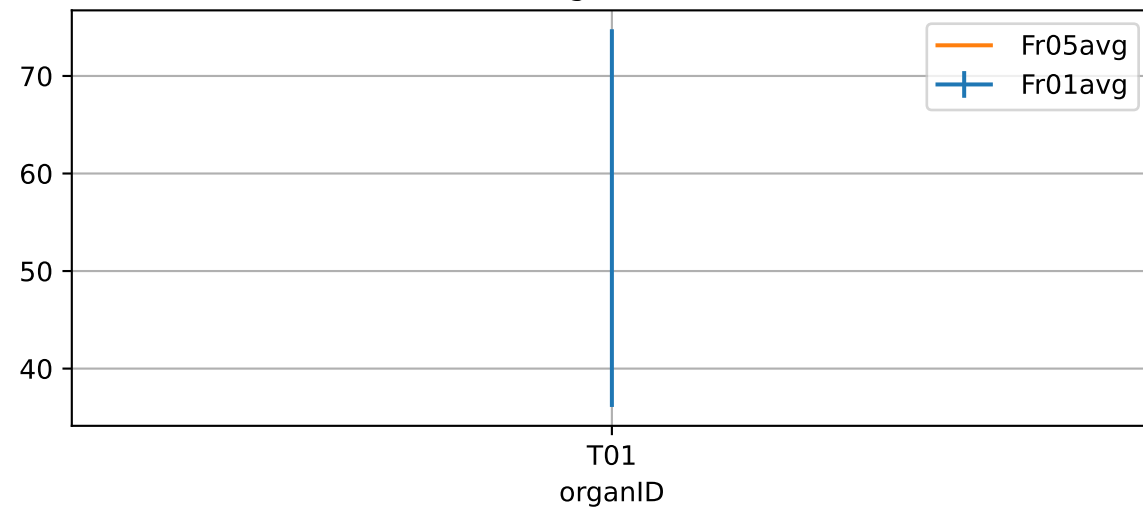
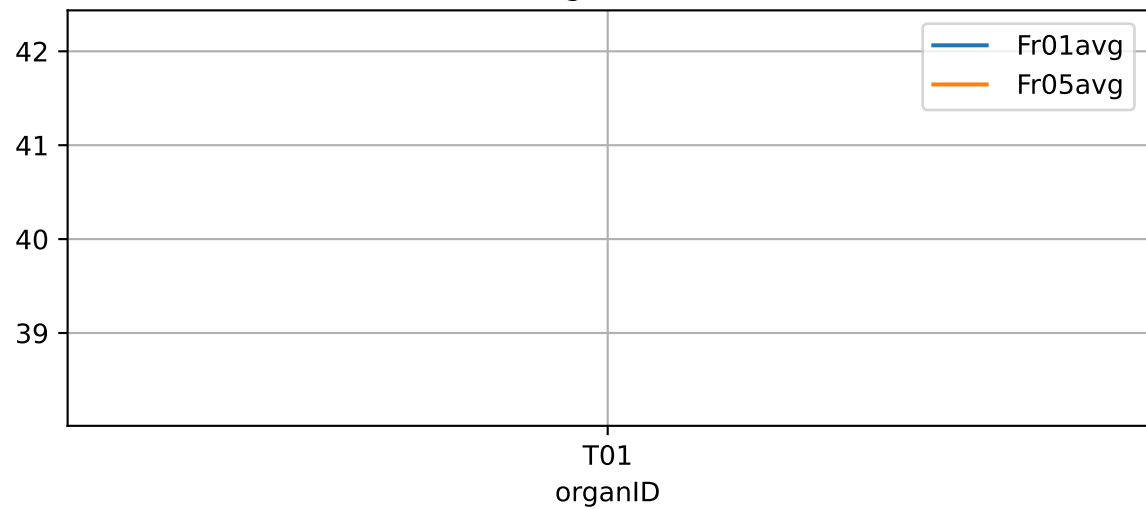


FrV trend at each age

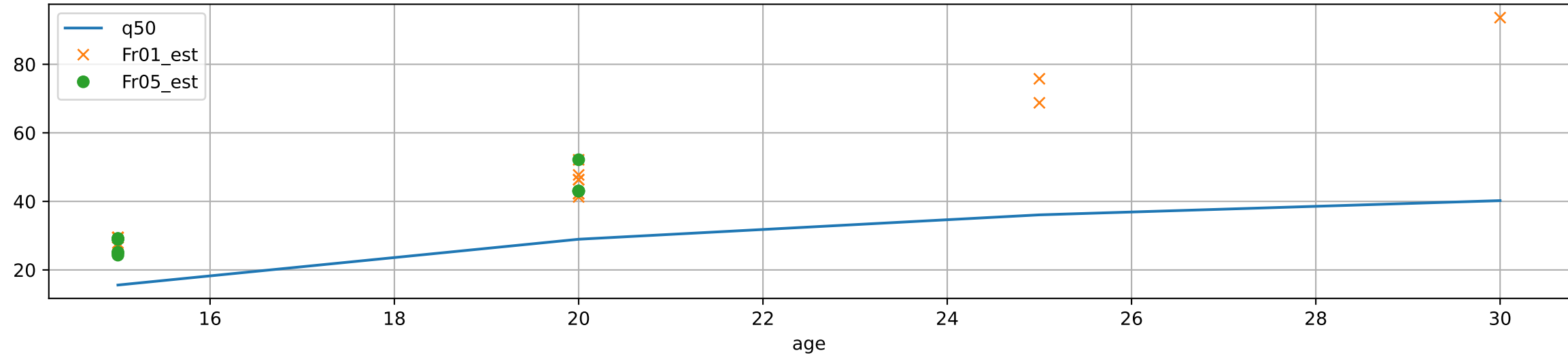
age=15



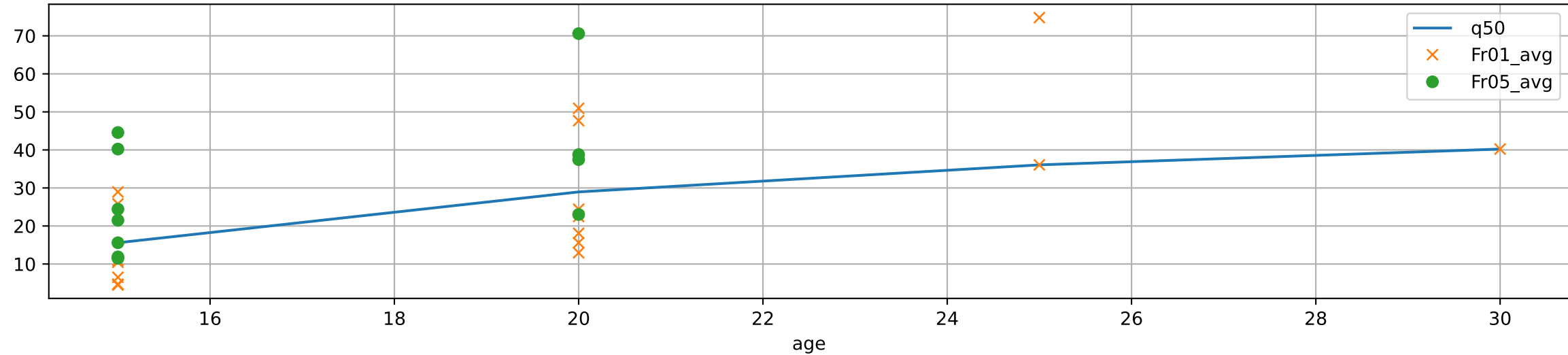
age=20

organID
age=25organID
age=30

FrV: model Est vs obsFrV at Q90

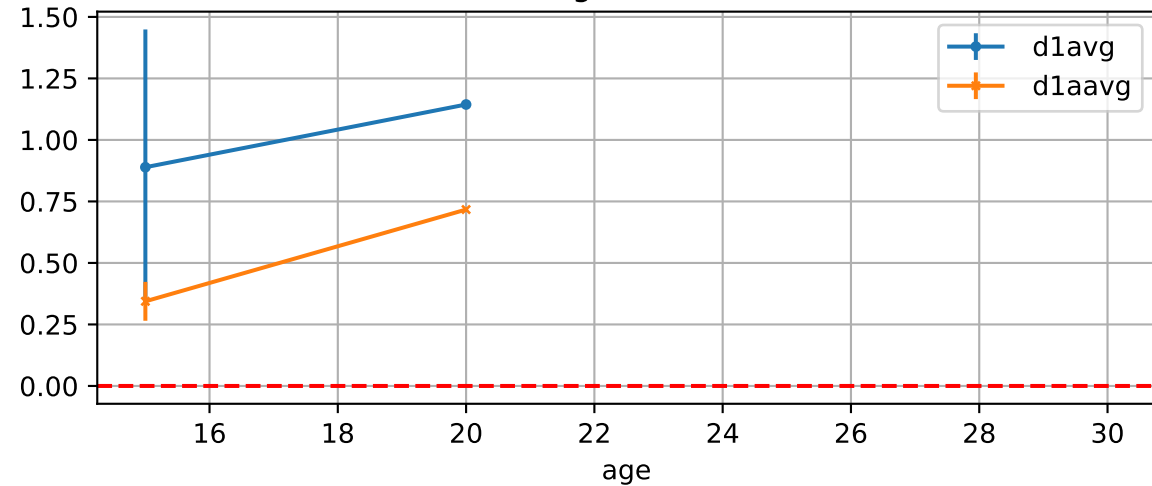


FrV: obsFrV vs obsFrV@Q90

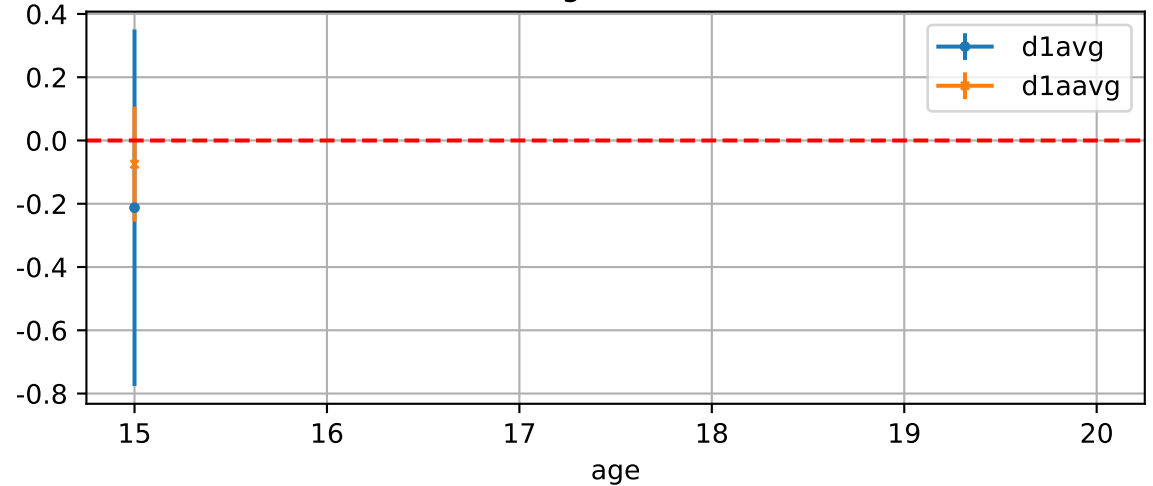


FrV: D_Fr1_FrV

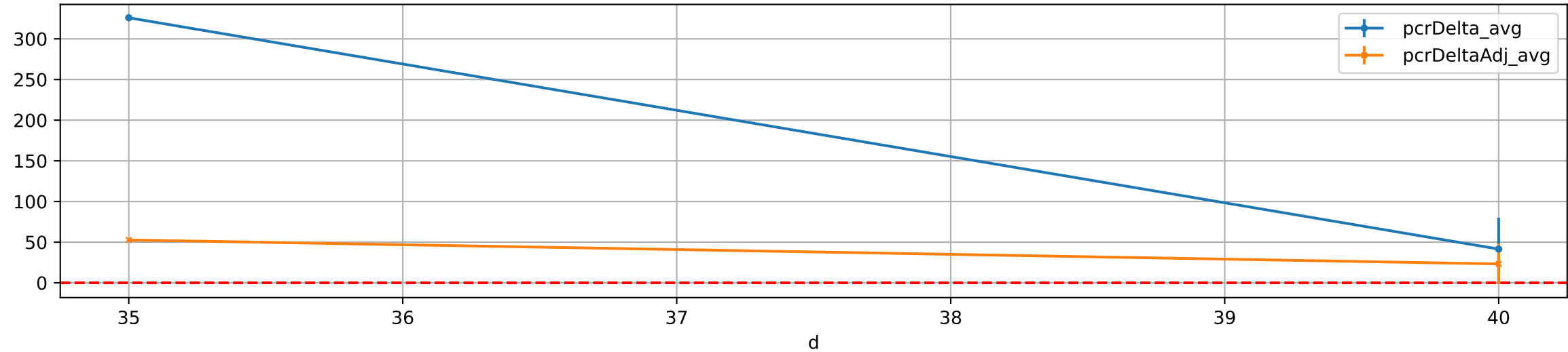
organID=1



organID=2

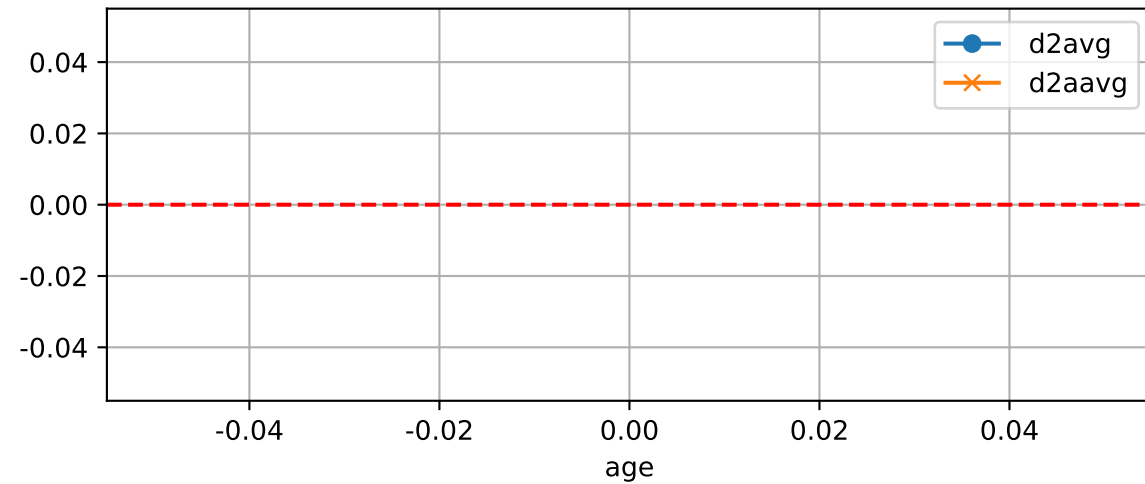


P6AE FrV: D_Fr1_FrV

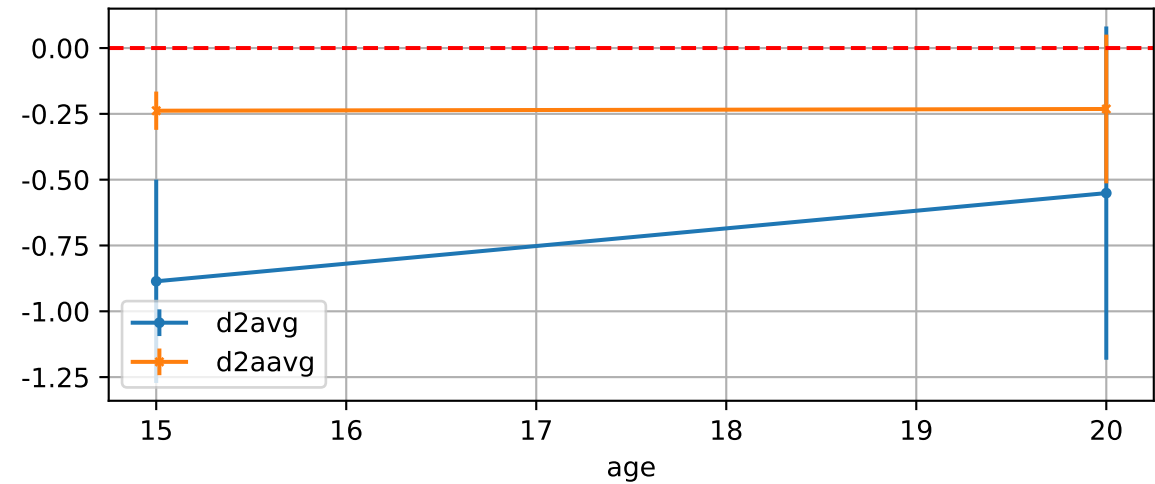


FrV: D_Ts_FrV

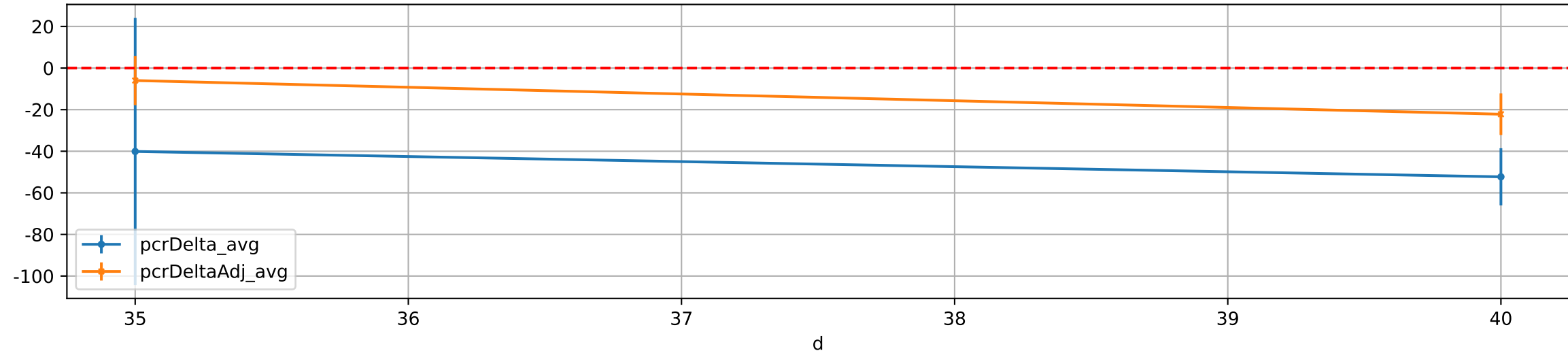
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organID=2

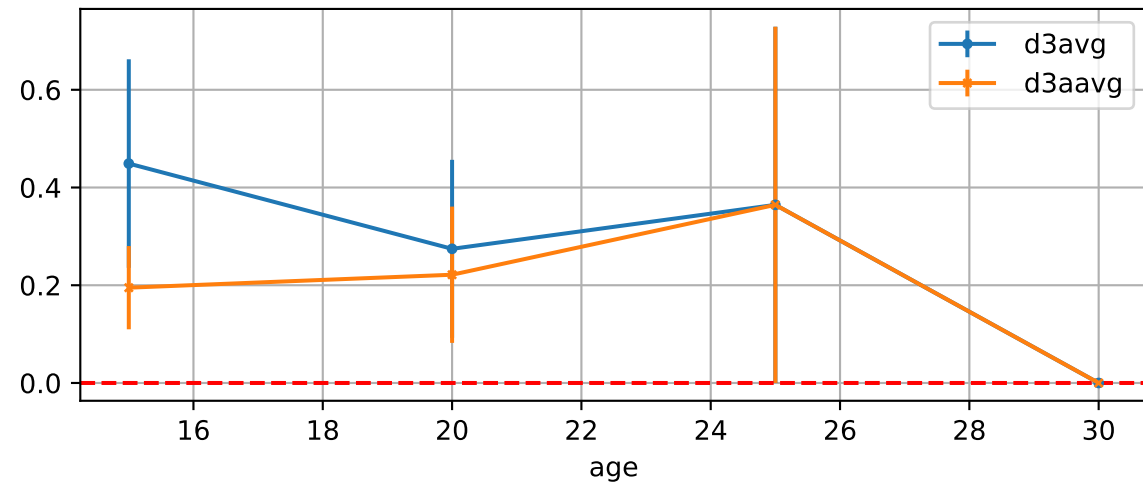


P6AE FrV: D_Ts_FrV

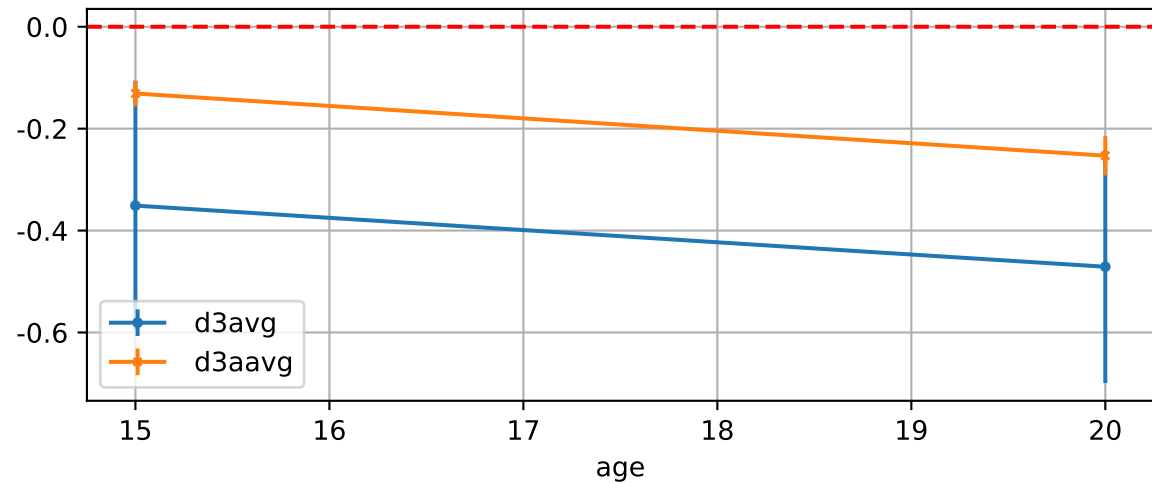


FrV: D_Q50_FrV

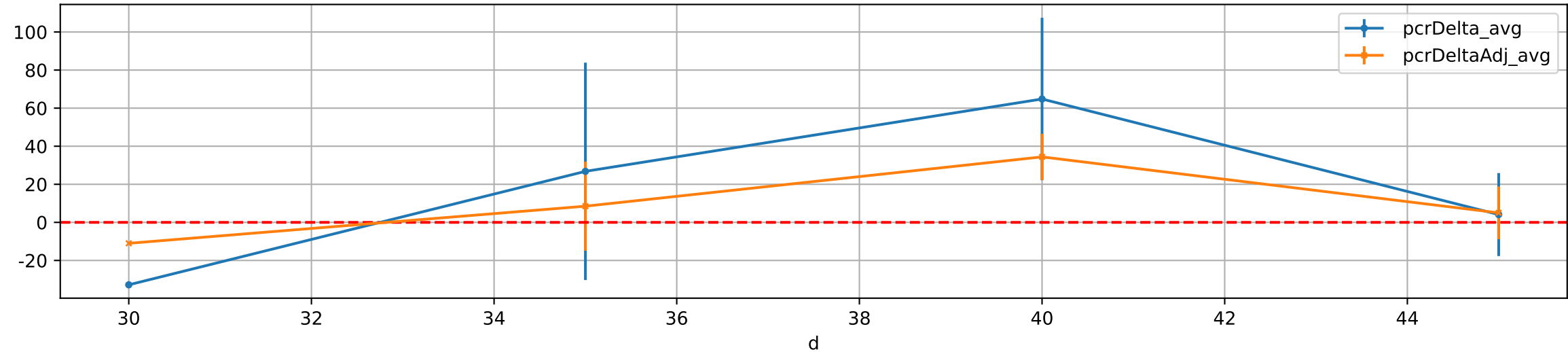
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organID=2

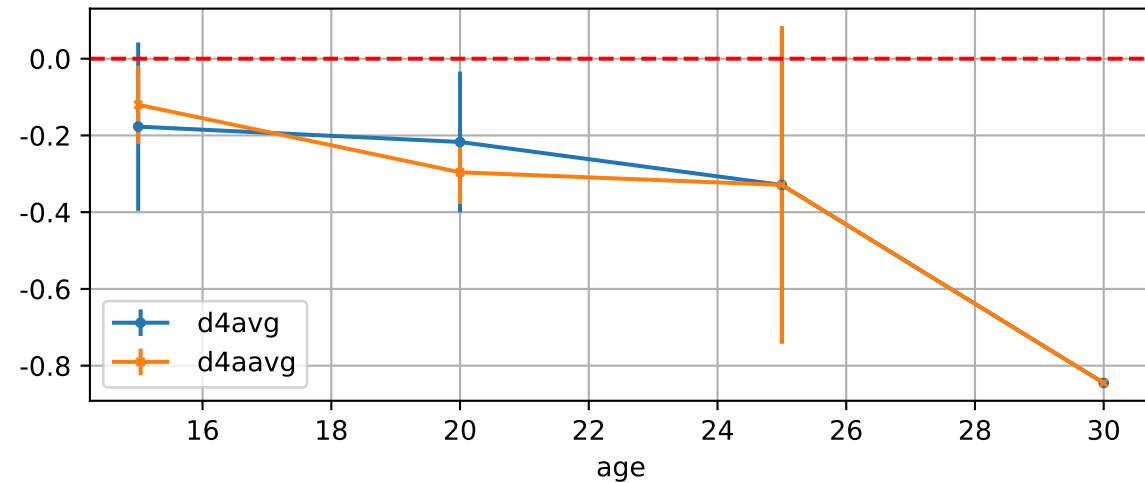


P6AE FrV: D_Q50_FrV

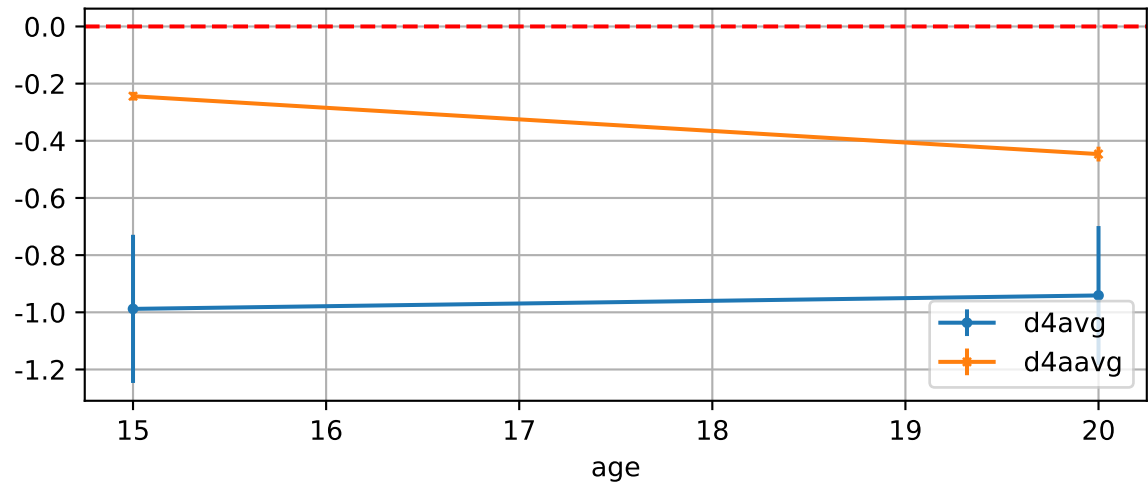


FrV: D_Est_FrV

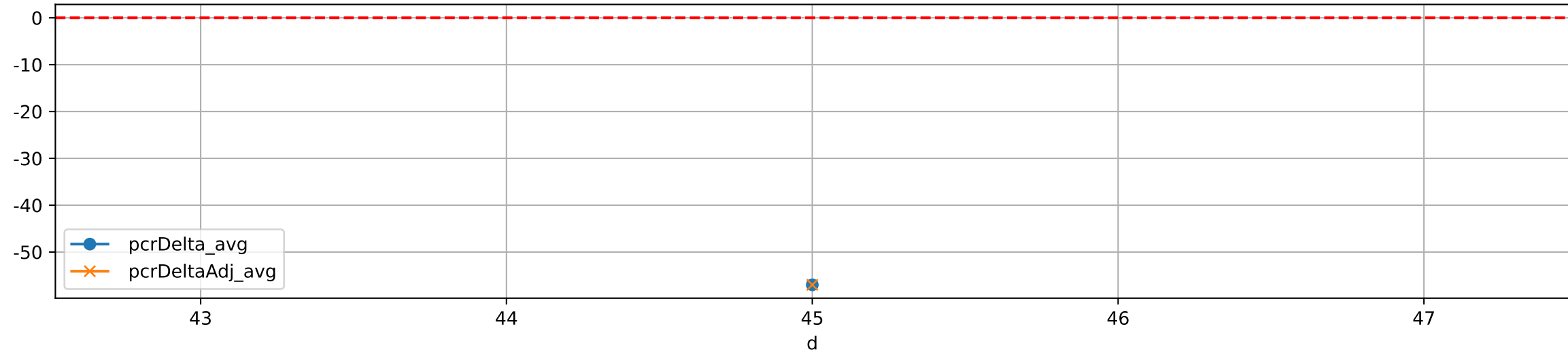
organID=1



organID=2



P6AE FrV: D_Est_FrV



P6AE FrV: sfDem

