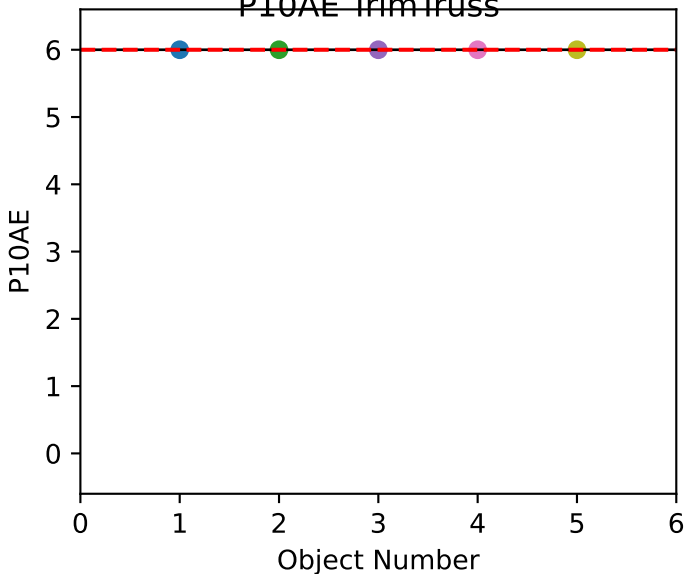


Phenotype Data Analysis Plots
PhenoData day range = 10 - 42
Analysis cutoff day = 42
NC11 P10
2025-05-13 (Day 43)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0 ~0% avg2=na

P10AE Trim Truss



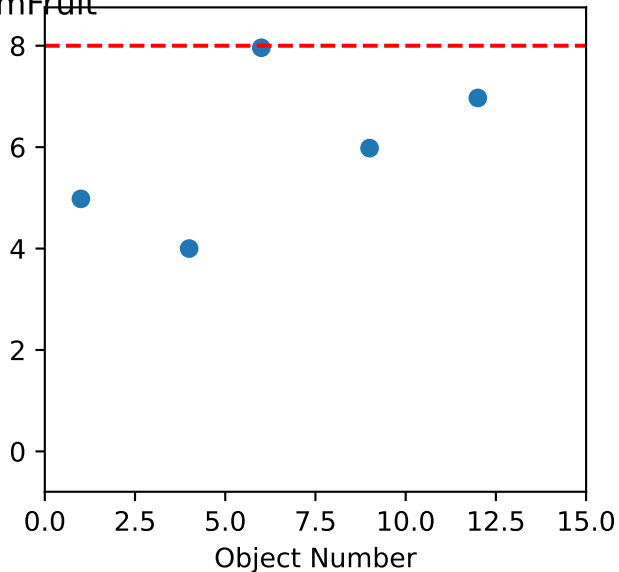
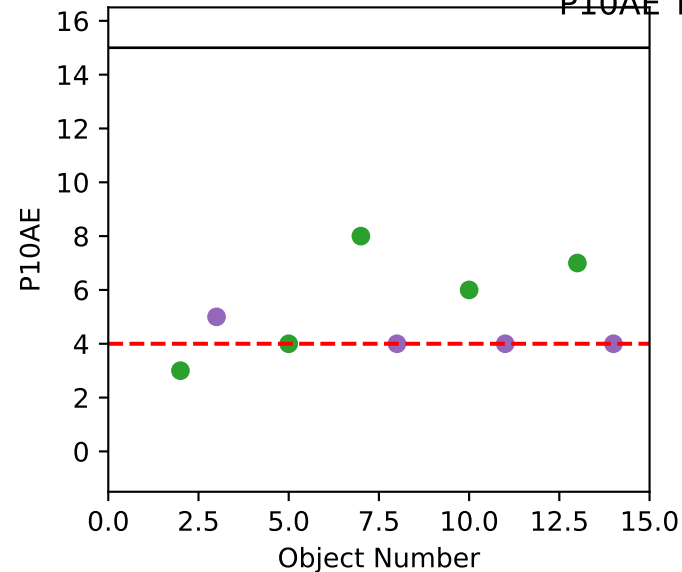
FruitNumAvgPerTruss (Def=15 Set=4)

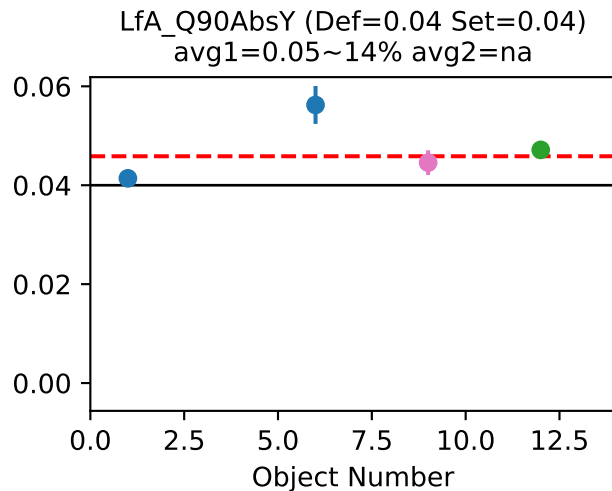
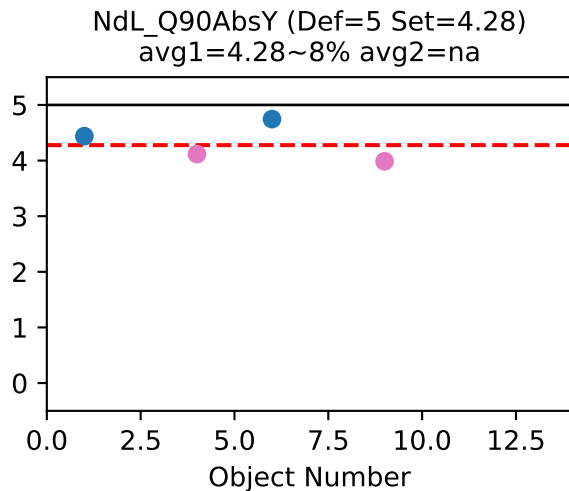
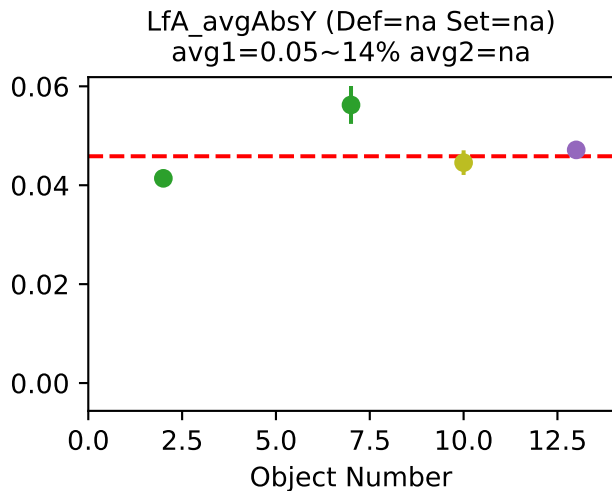
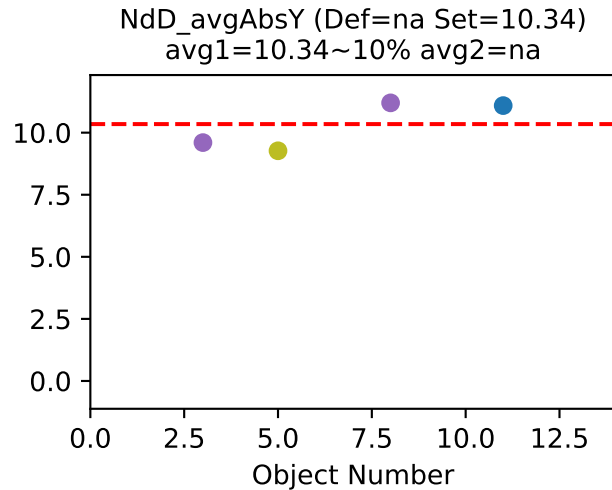
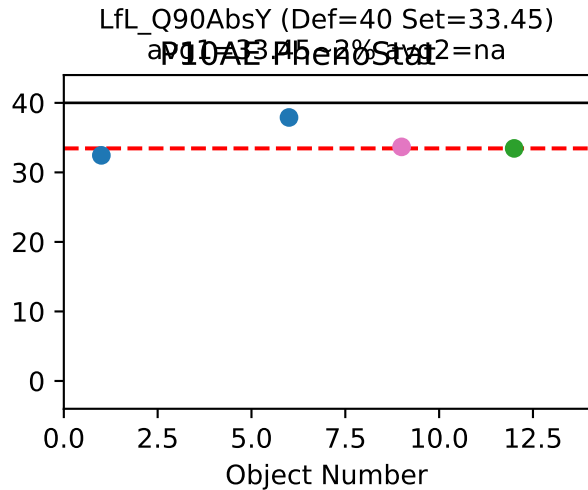
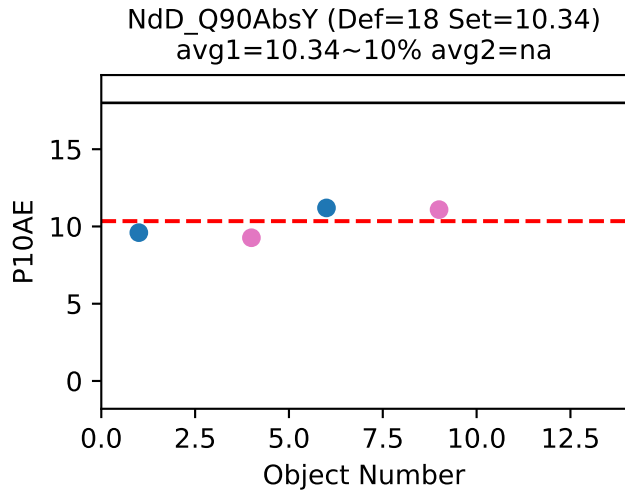
avg1=4.0~41% avg2=na

P10AE TrimFruit

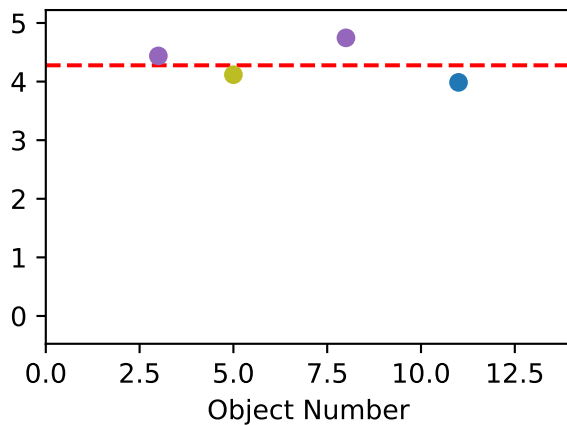
FruitNumMaxPerTruss (Def=na Set=8)

avg1=8.0~21% avg2=na

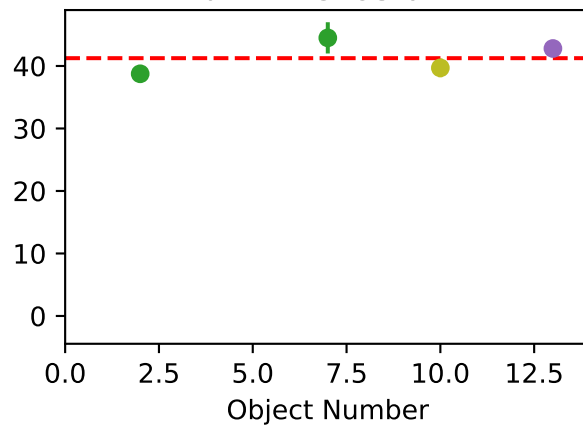




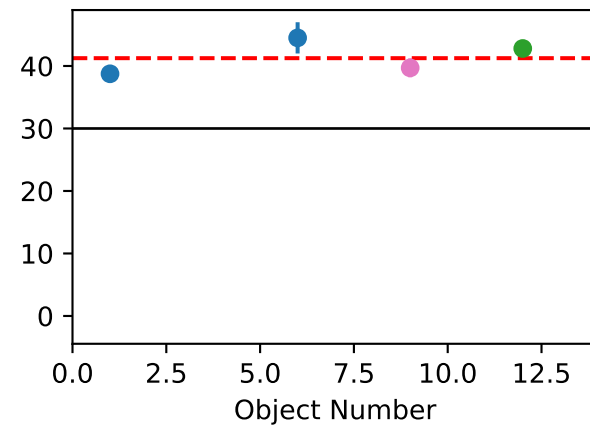
NdL_avgAbsY (Def=na Set=4.28)
avg1=4.28~8% avg2=na



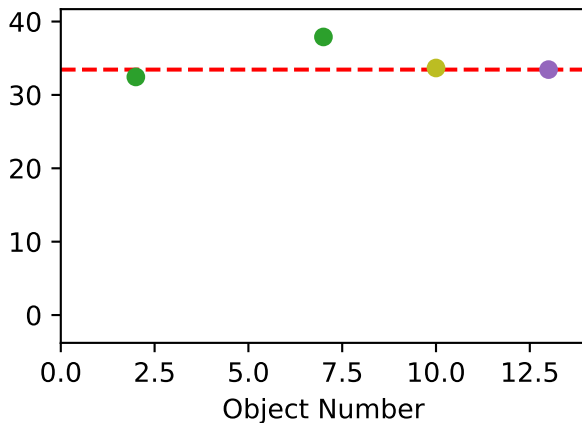
LfW_avgAbsY (Def=na Set=41.25)
avg1=41.25~6% avg2=na



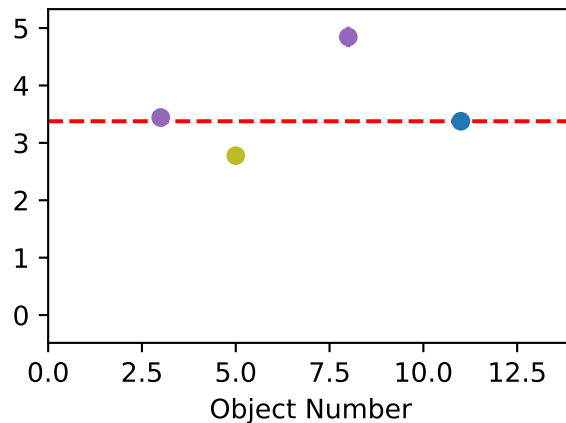
LfW_Q90AbsY (Def=30 Set=41.25)
avg1=41.25~6% avg2=na



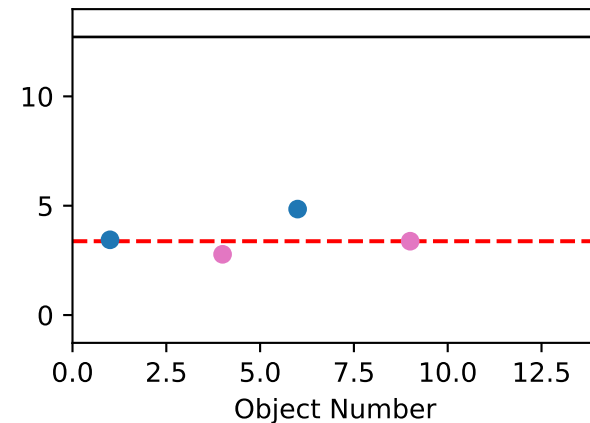
LfL_avgAbsY (Def=na Set=33.45)
avg1=33.45~2% avg2=na



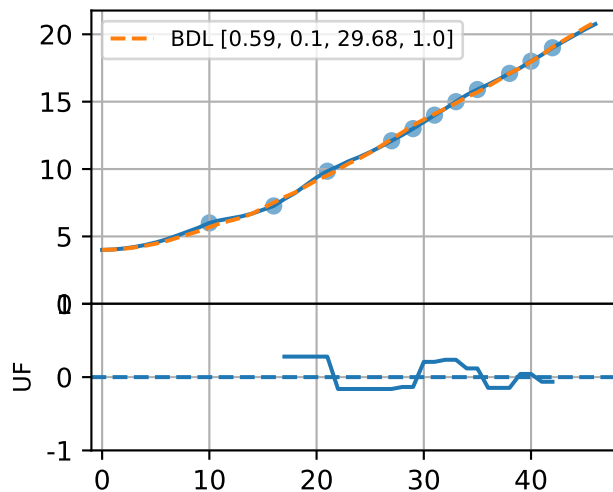
NdV_avgAbsY (Def=na Set=na)
avg1=3.38~11% avg2=na



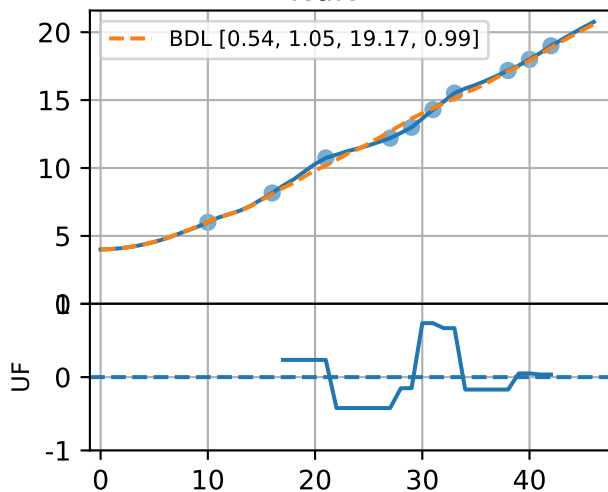
NdV_Q90AbsY (Def=12.72 Set=12.72)
avg1=3.38~11% avg2=na



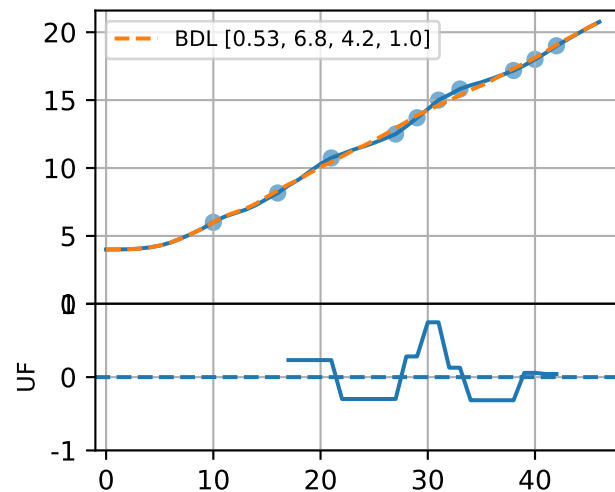
P10AE-063-19 (fit failed)



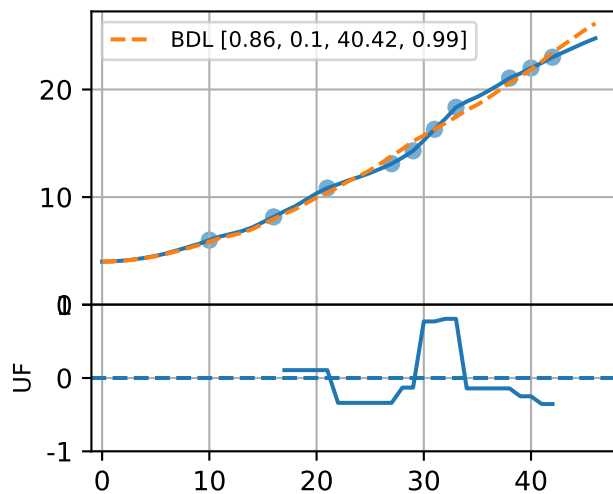
P10AE-076-15 (fit failed)



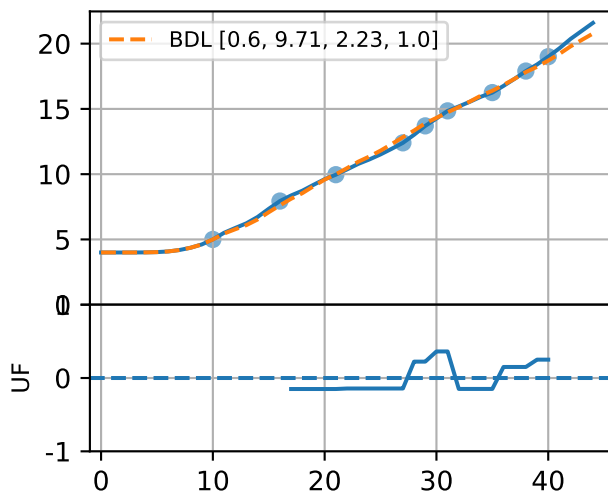
P10AE-089-22 (fit failed)



P10AE-103-17 (fit failed)

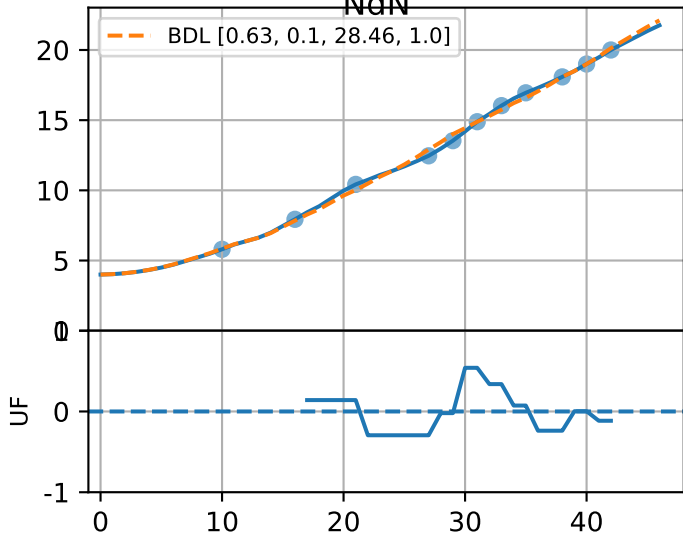


P10AE-116-21 (fit failed)

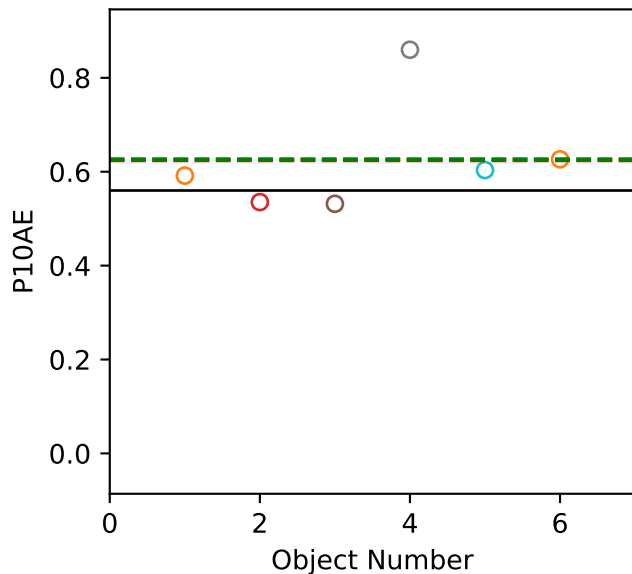


P10AEavg (fit failed)

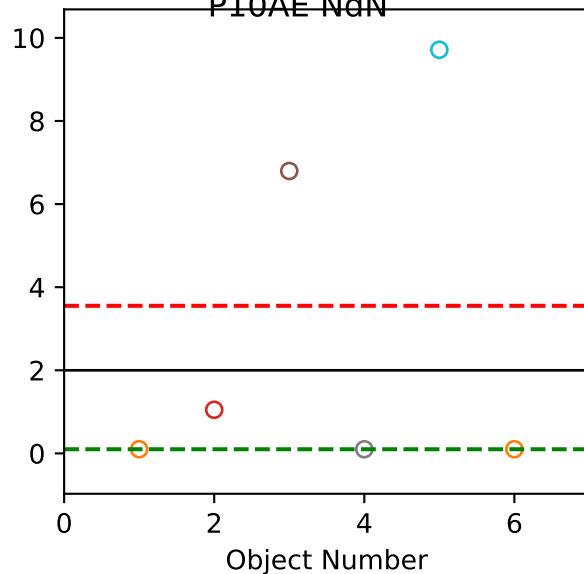
NaN



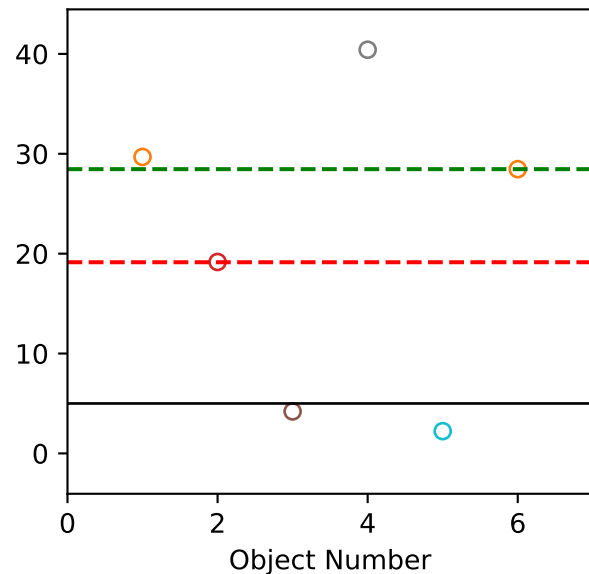
a (Def=0.56 Set=0.63)
avg1=0.62(fail) avg2=0.63



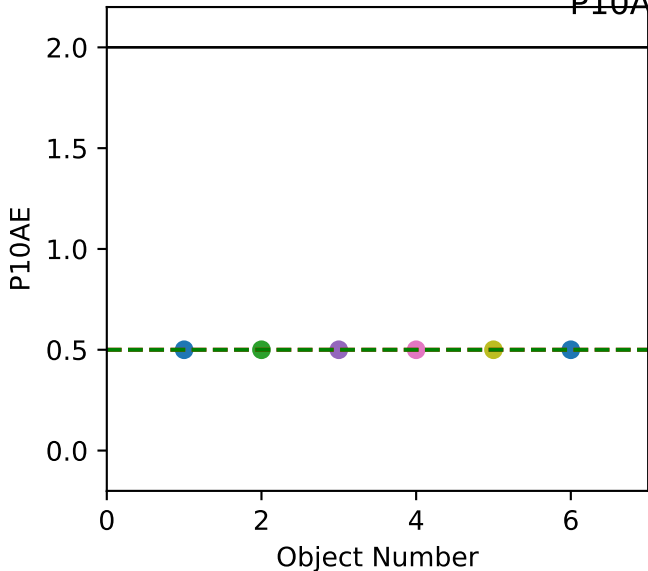
dm (Def=2 Set=0.1)
avg1=3.55(fail) avg2=0.1



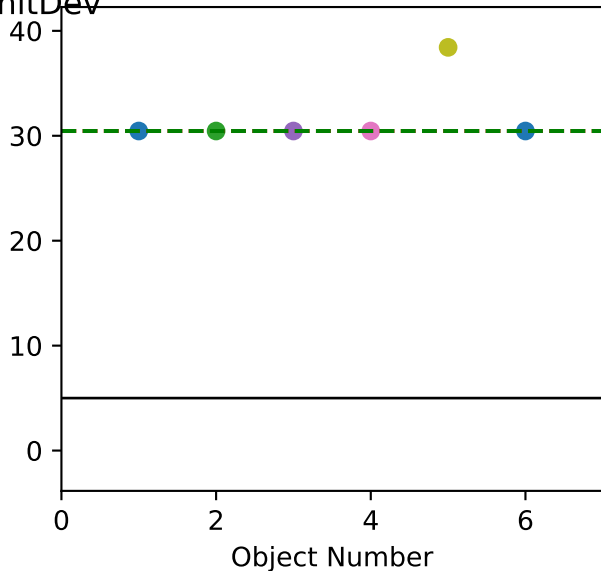
de (Def=5 Set=28.46)
avg1=19.14(fail) avg2=28.46



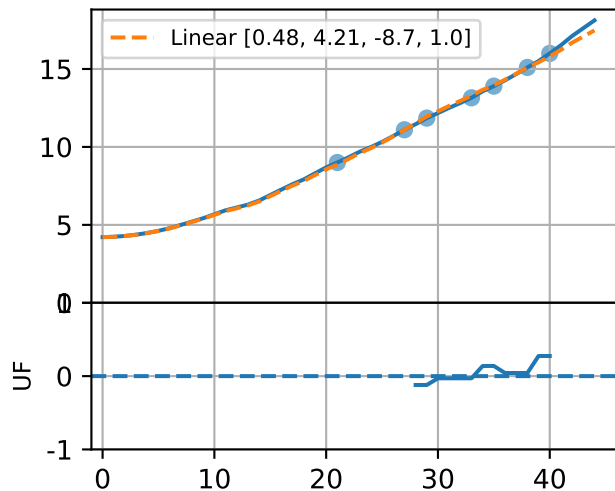
InitDev_dm (Def=2 Set=0.5)
avg1=0.5~0% avg2=0.5



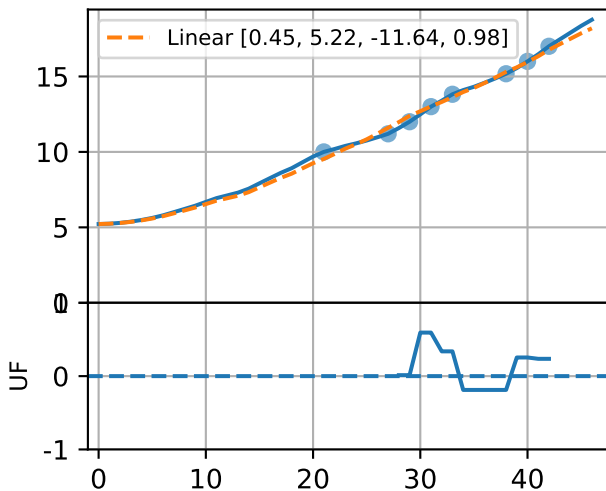
InitDev_de (Def=5 Set=30.45)
avg1=30.45~0% avg2=30.45



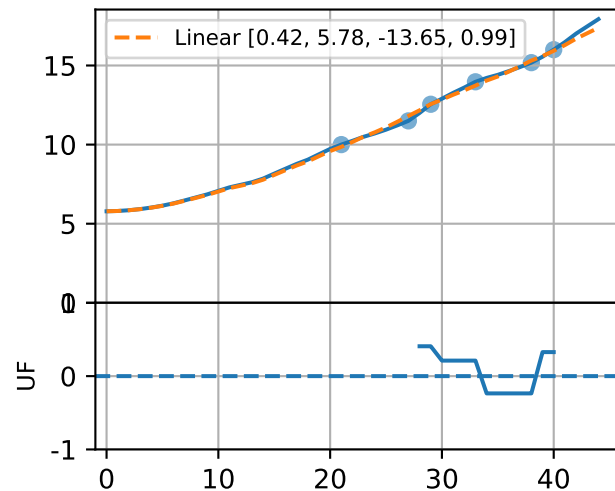
P10AE-063-19



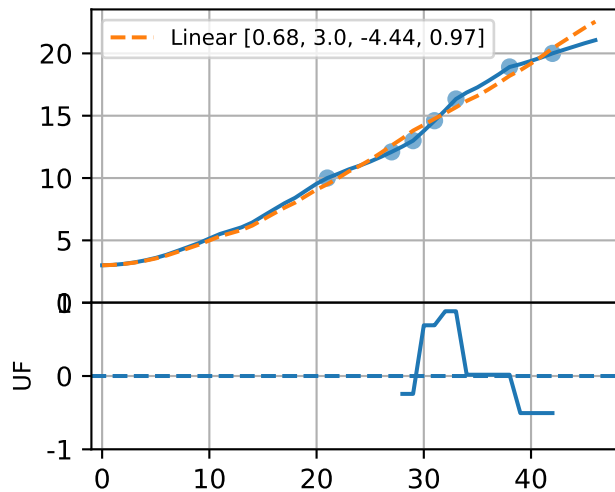
P10AE-076-5



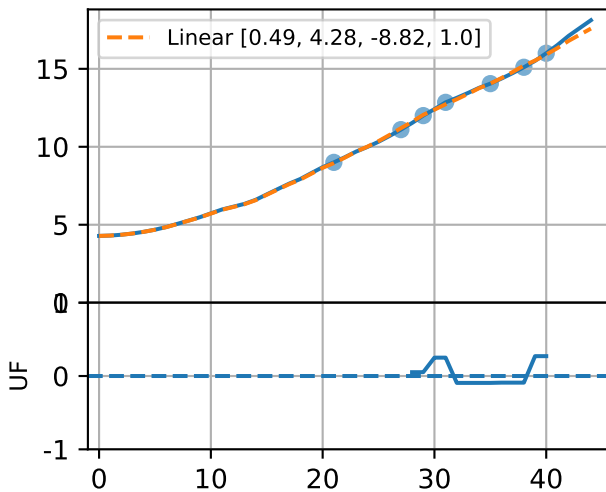
P10AE-089-22



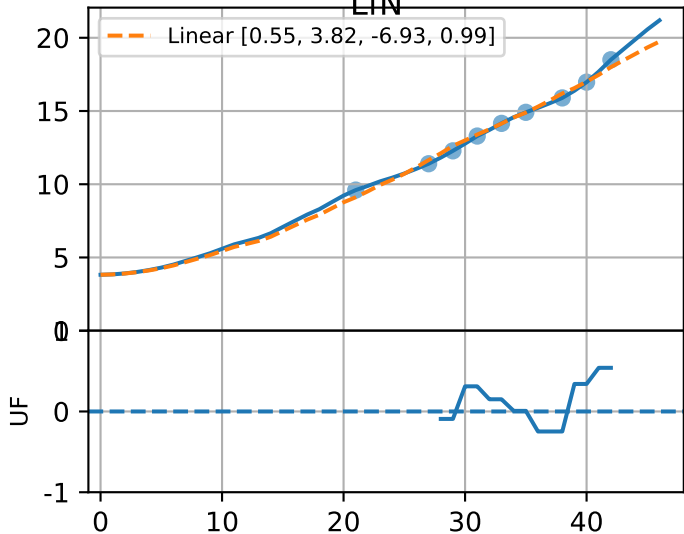
P10AE-103-17



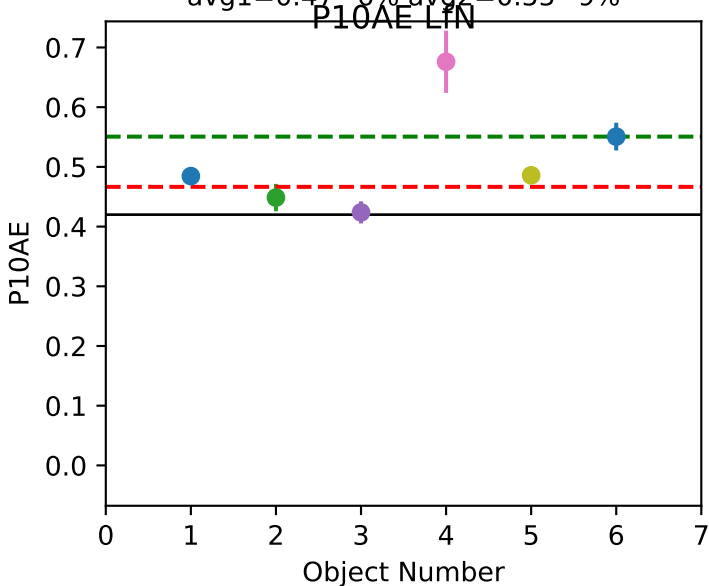
P10AE-116-21



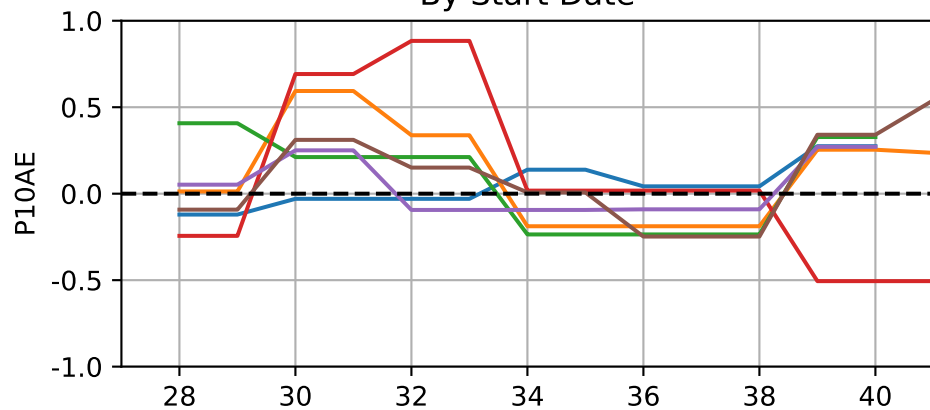
P10AEavg
Lfn



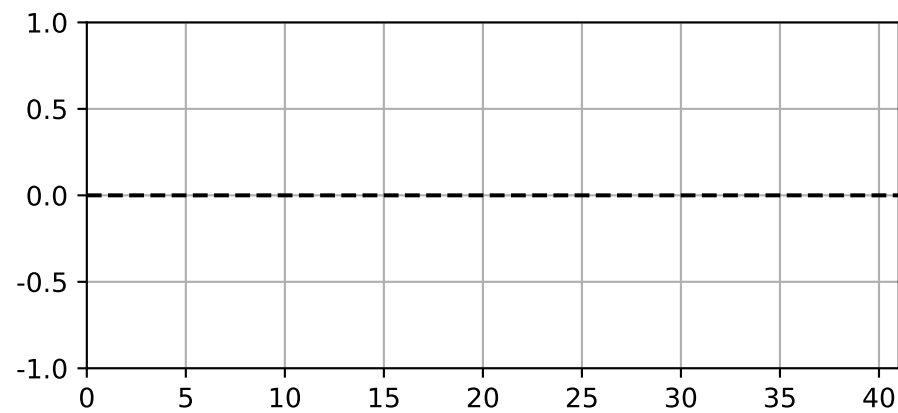
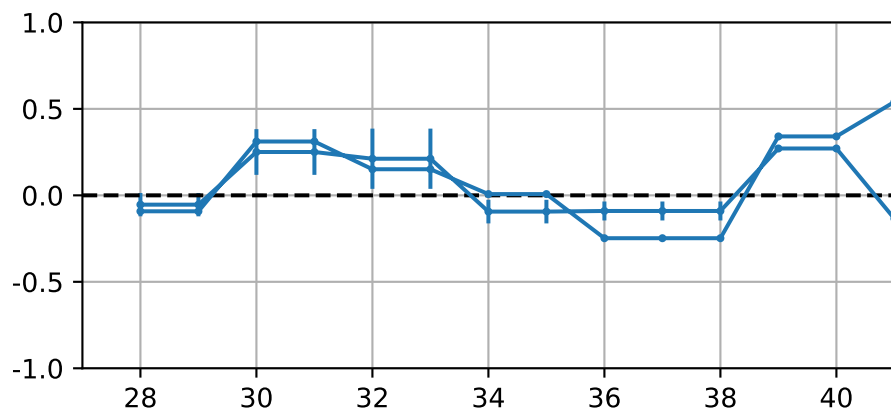
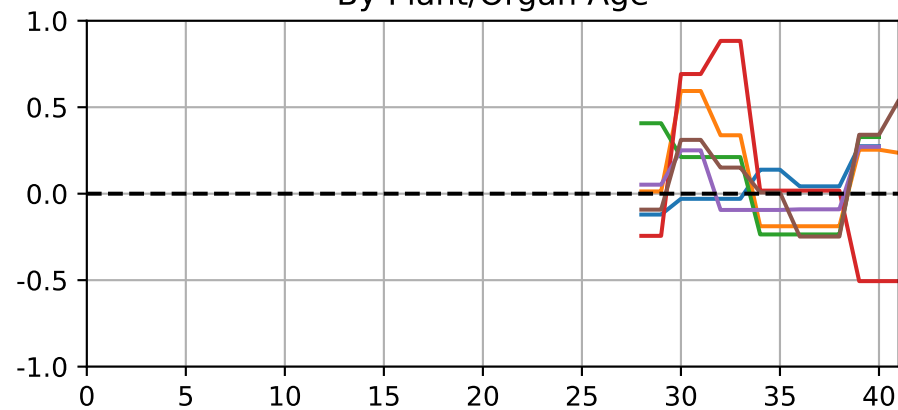
a (Def=0.42 Set=0.55)
avg1=0.47~6% avg2=0.55~9%



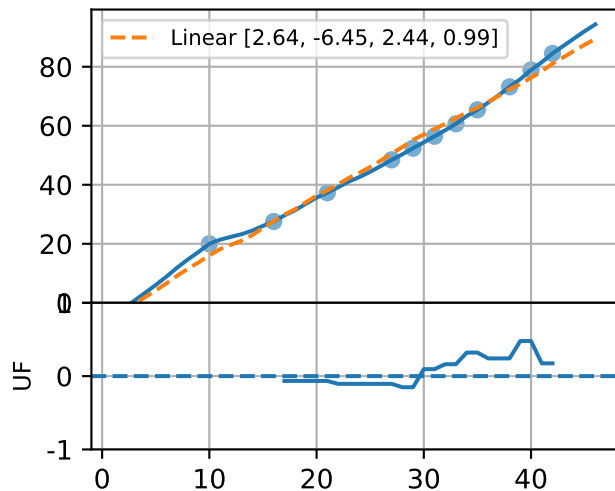
By Start Date



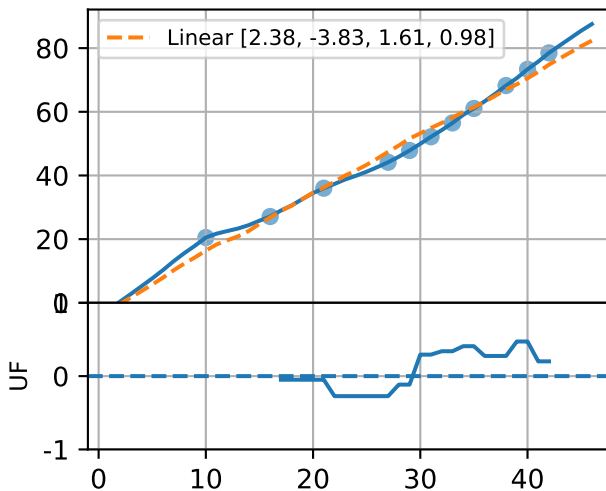
By Plant/Organ Age



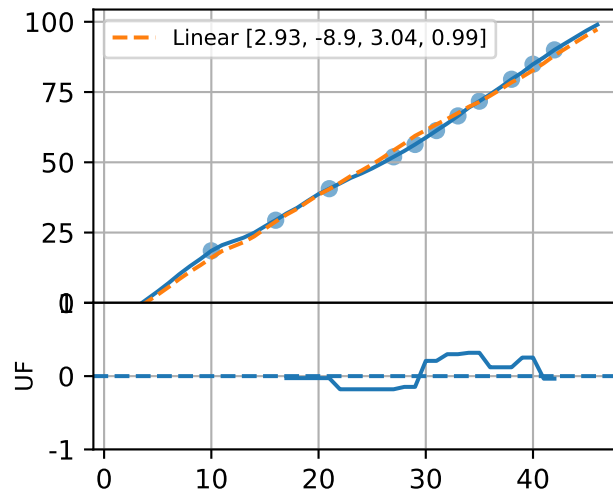
P10AE-063-19



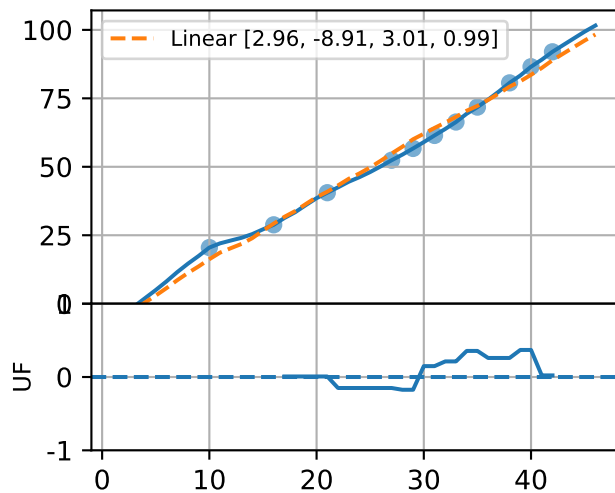
P10AE-076-5



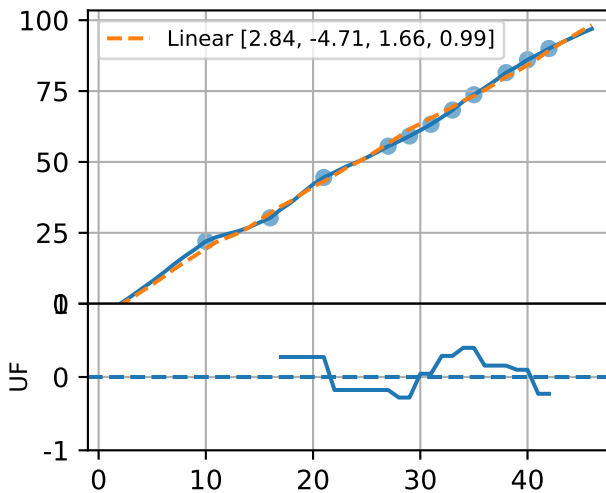
P10AE-089-22



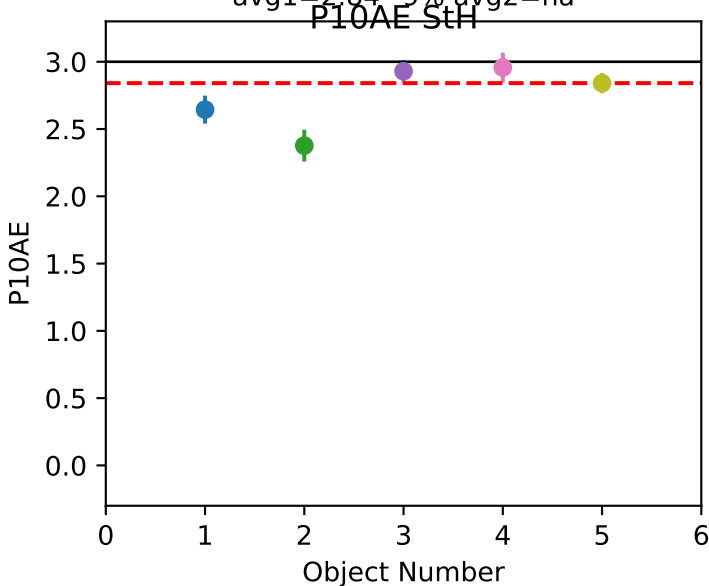
P10AE-103-17



P10AE-116-21

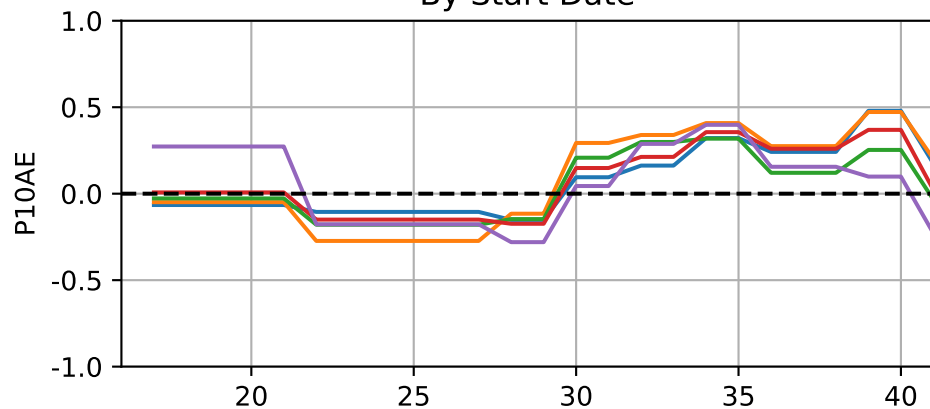


a (Def=3 Set=2.84)
avg1=2.84~9% avg2=na

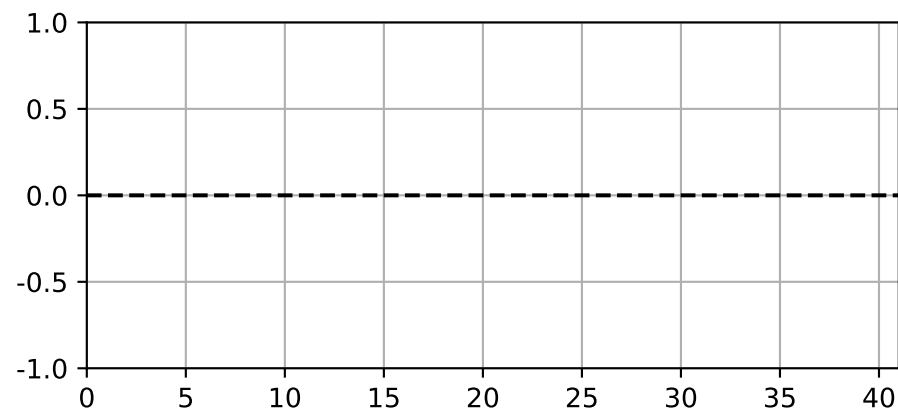
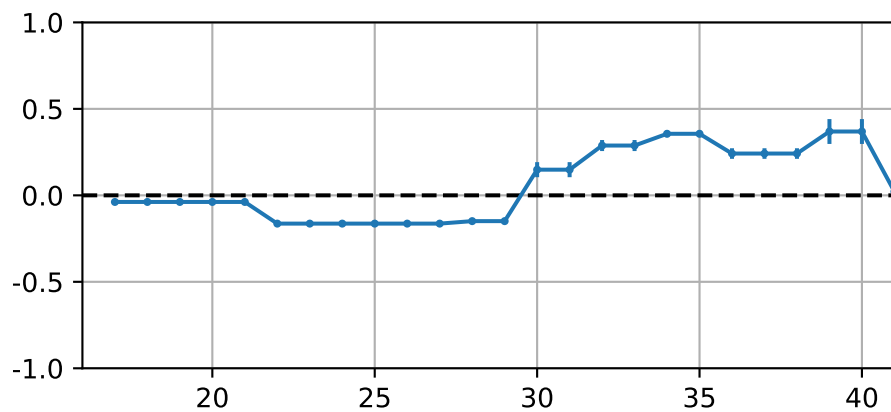
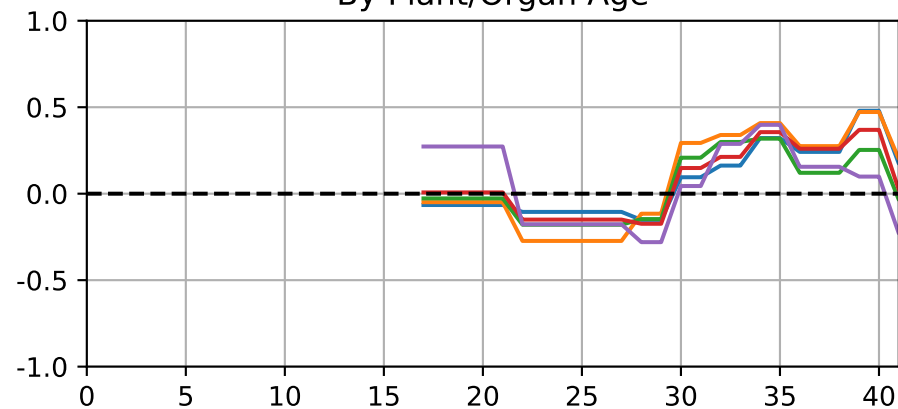


StH

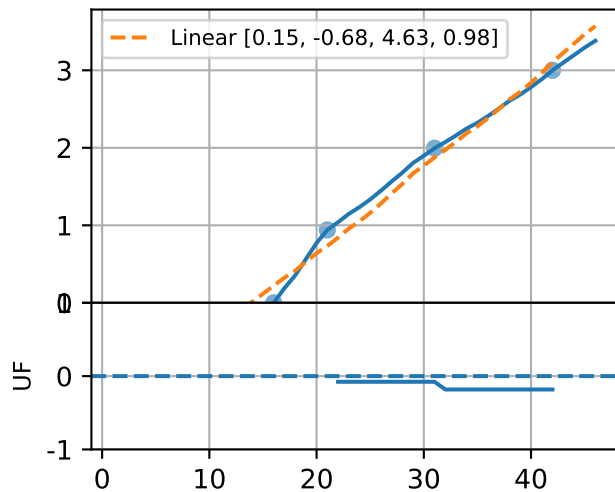
By Start Date



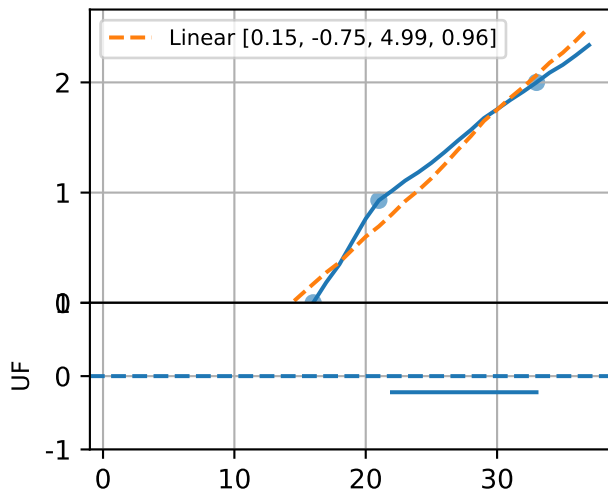
By Plant/Organ Age



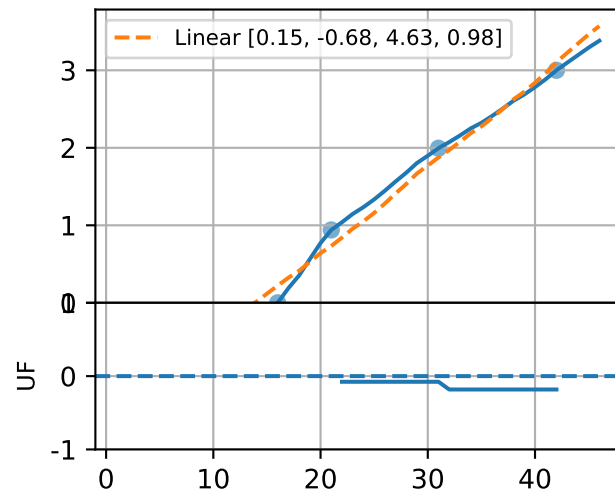
P10AE-063-19



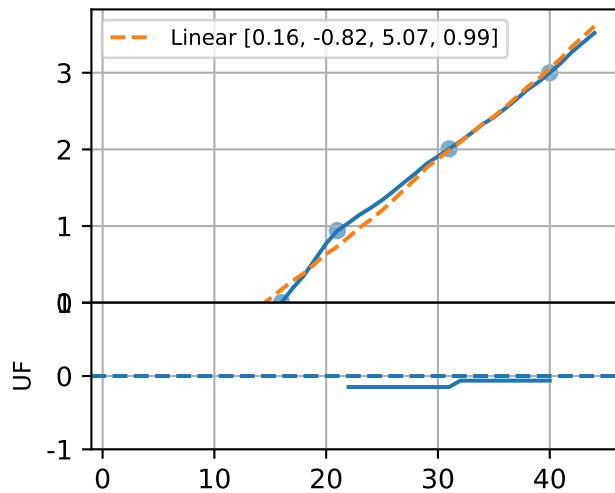
P10AE-076-5



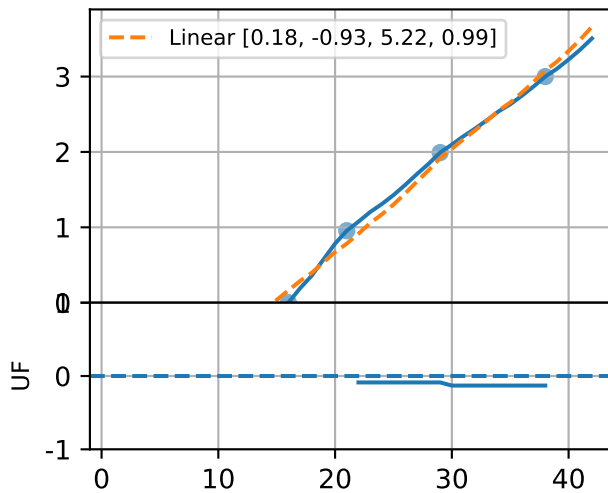
P10AE-089-22



P10AE-103-17

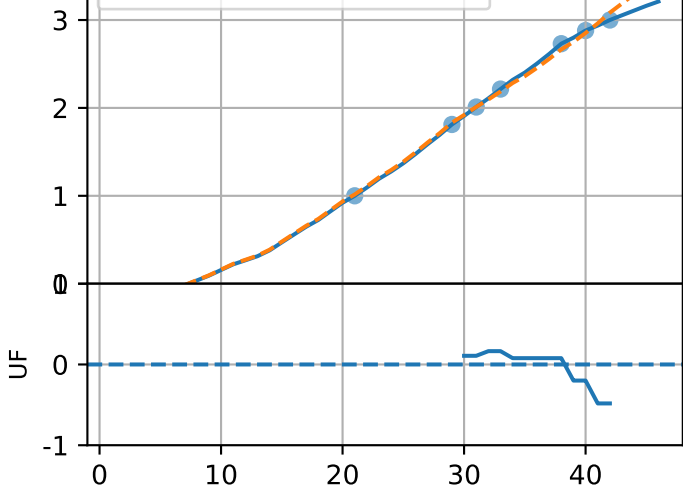


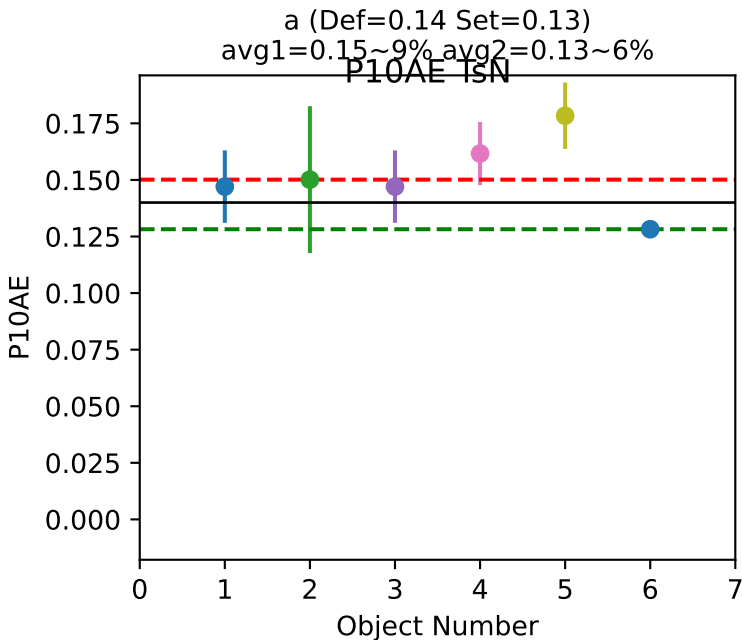
P10AE-116-21



P10AEavg
TSN

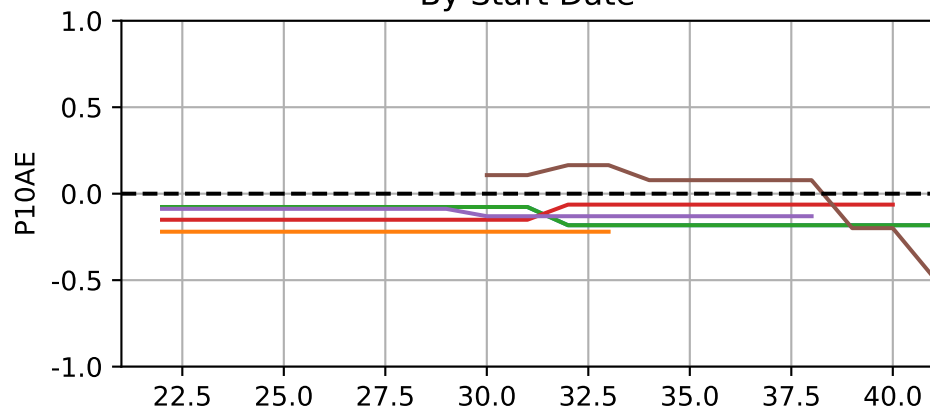
Linear [0.13, -0.22, 1.69, 1.0]



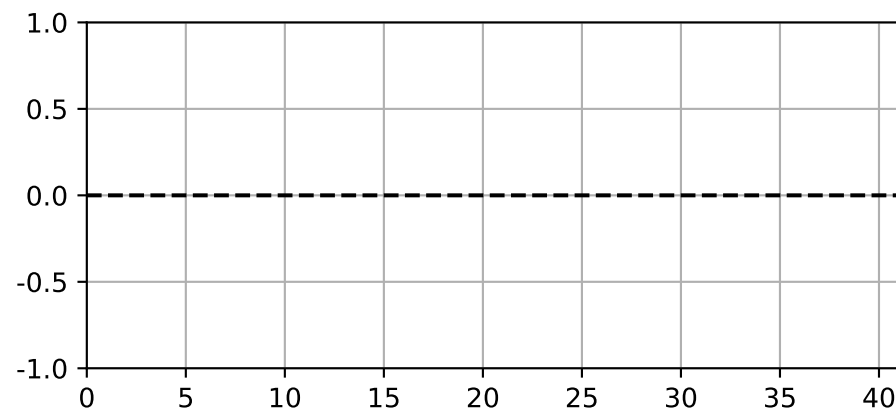
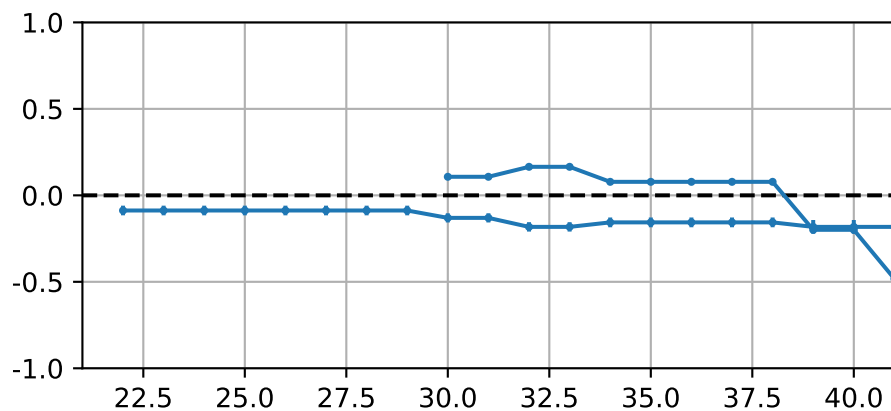
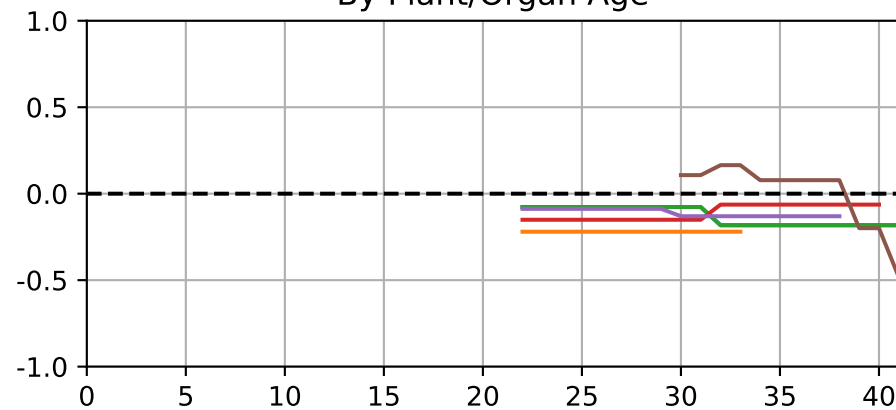


TsN

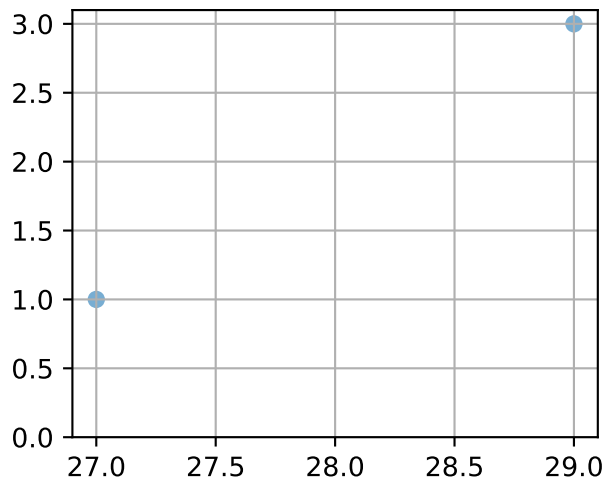
By Start Date



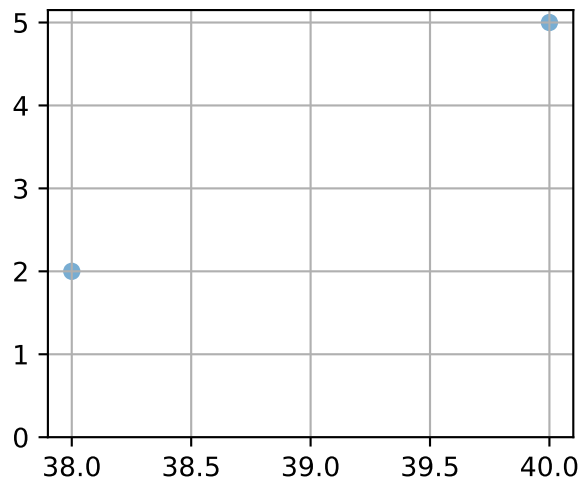
By Plant/Organ Age



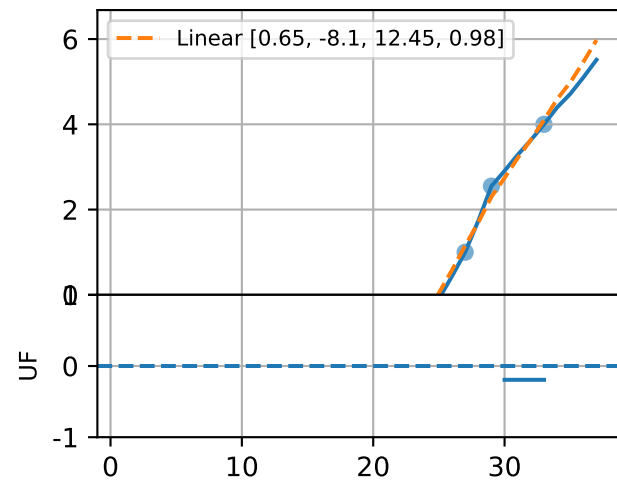
P10AE-063-19T1 (fit failed)



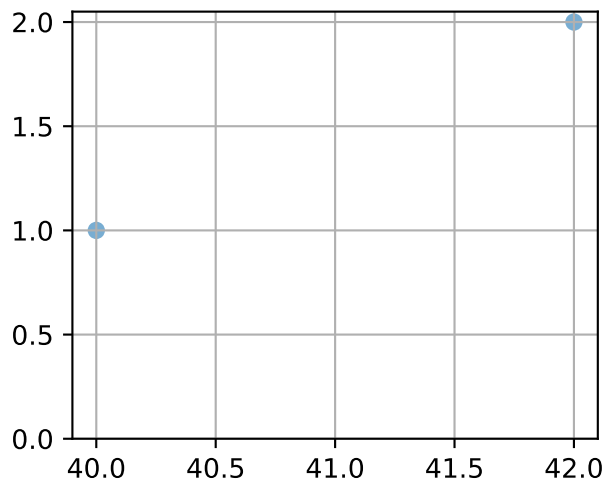
P10AE-063-19T2 (fit failed)



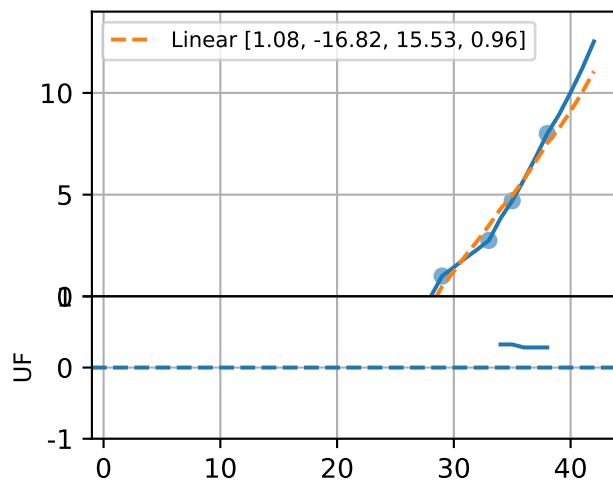
P10AE-076-5T1



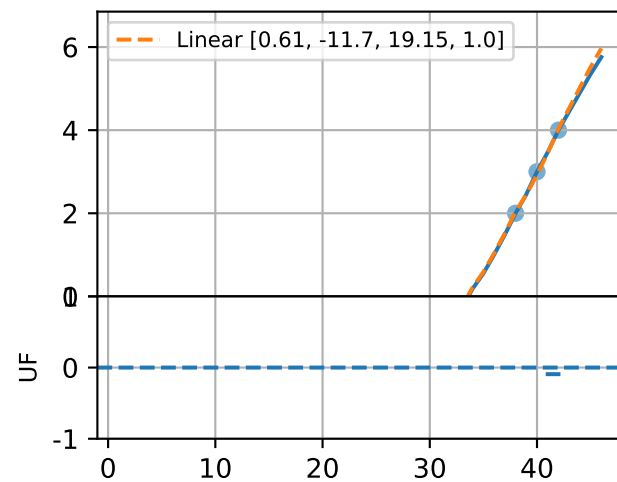
P10AE-076-5T2 (fit failed)



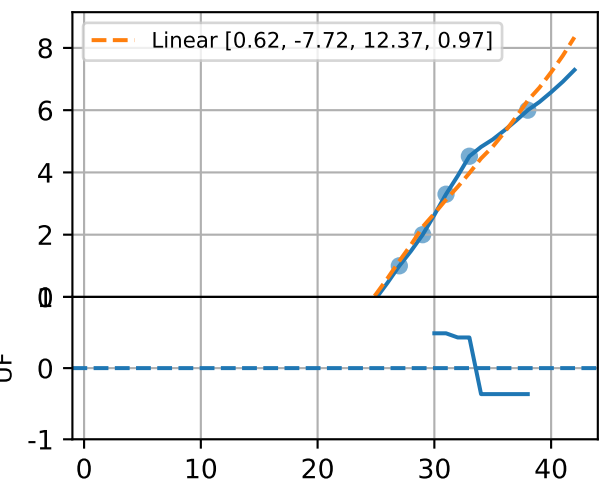
P10AE-089-22T1



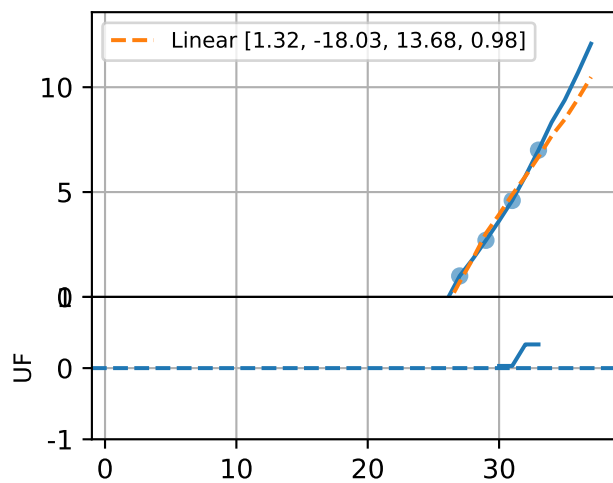
P10AE-089-22T2



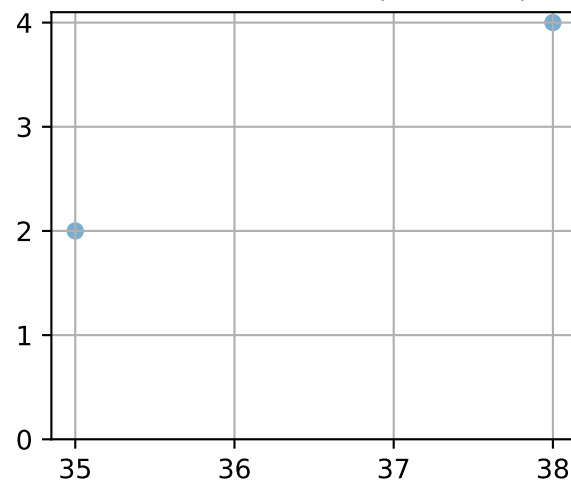
P10AE-103-17T1



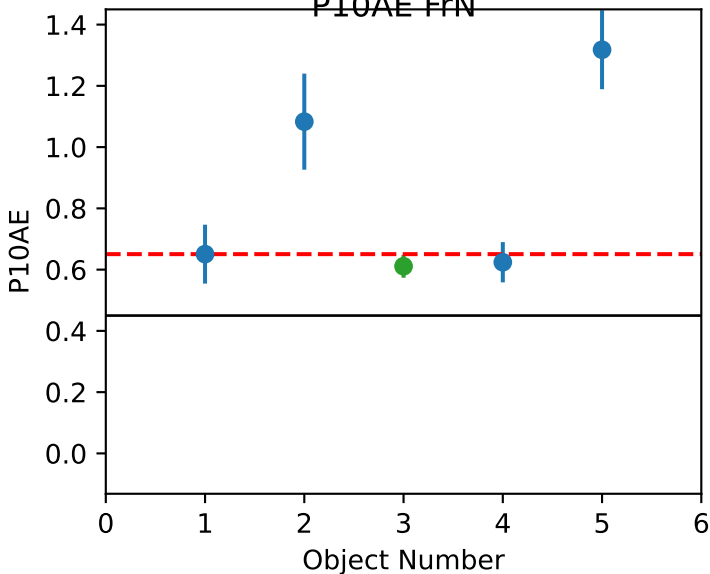
P10AE-116-21T1



P10AE-116-21T2 (fit failed)

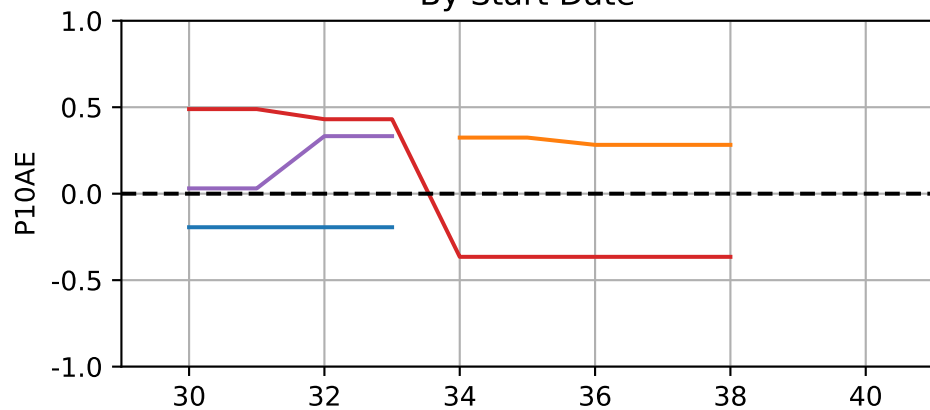


a (Def=0.45 Set=0.65)
avg1=0.65~50% avg2=na

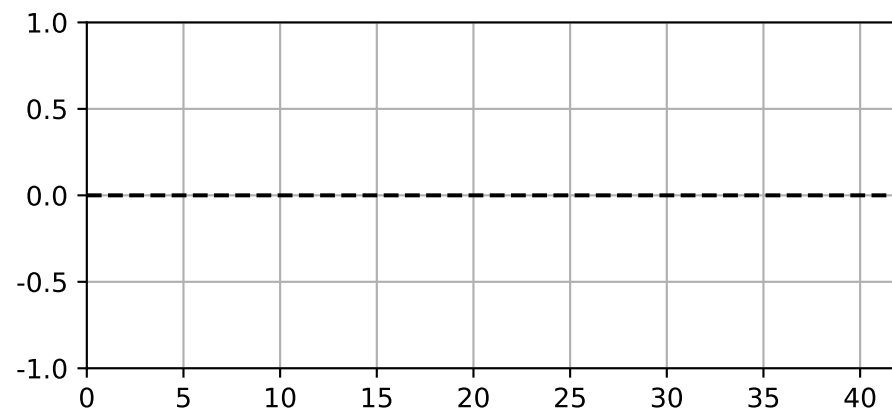
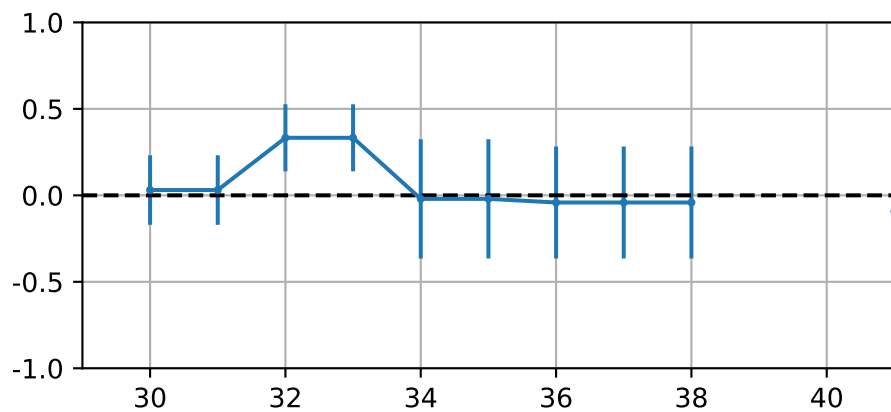
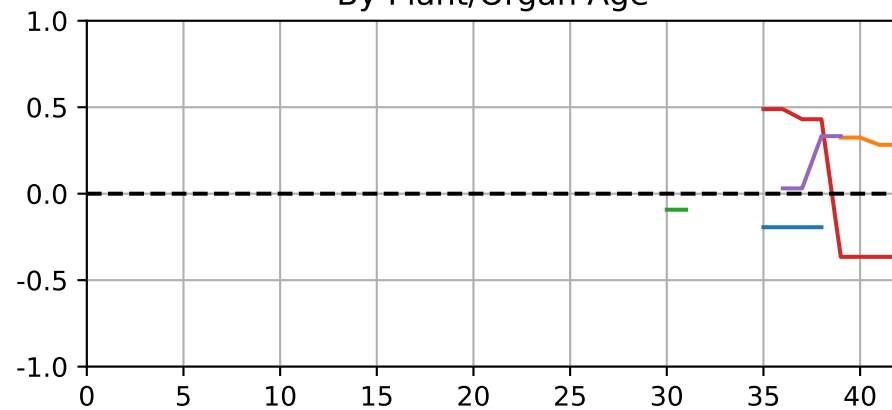


FrN

By Start Date

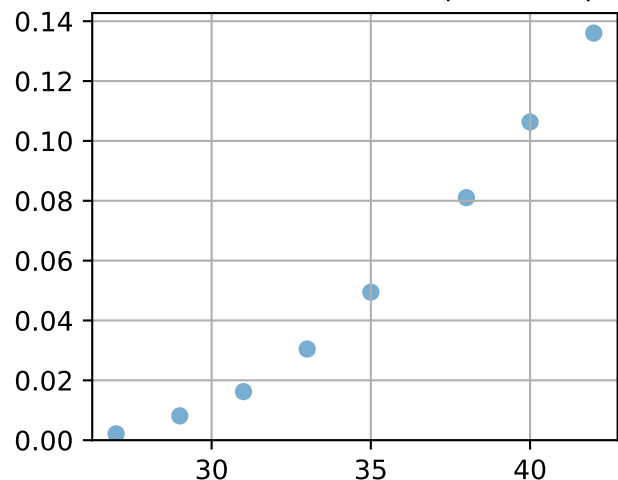


By Plant/Organ Age

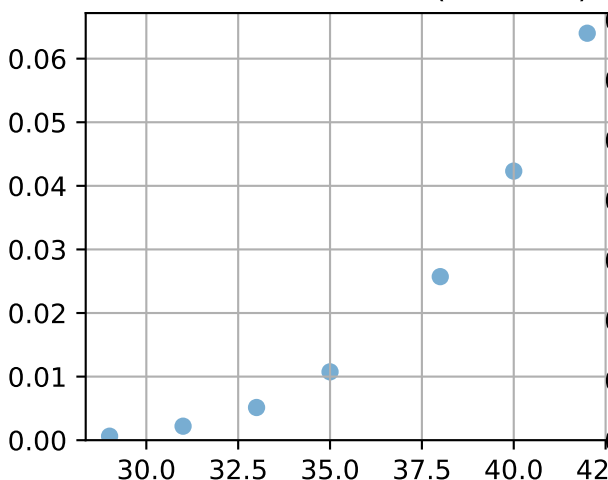


Fr₁

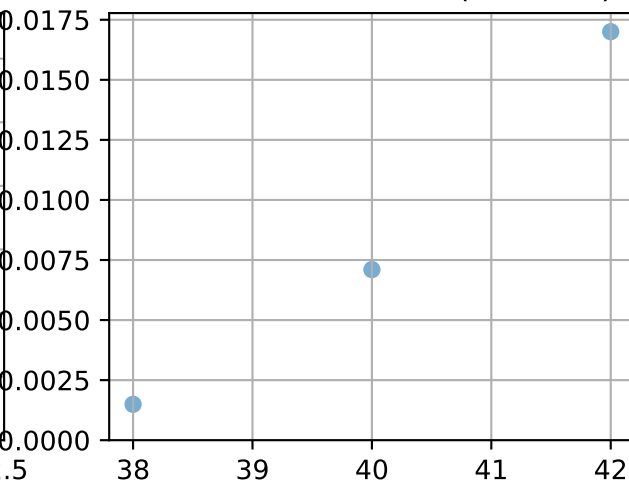
P10AE-063-19T1Fr1 (fit failed)



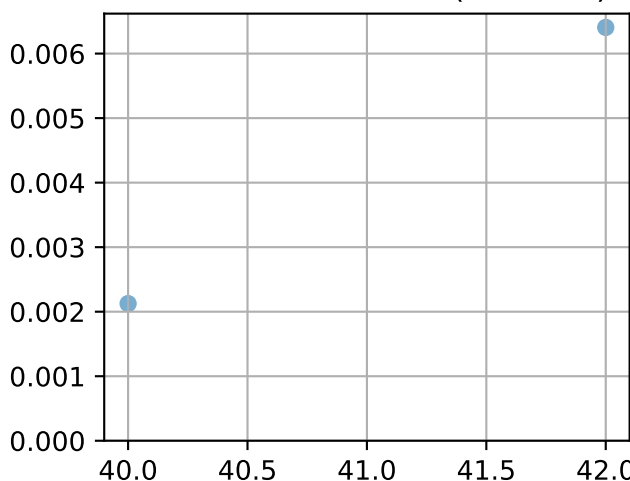
P10AE-063-19T1Fr5 (fit failed)



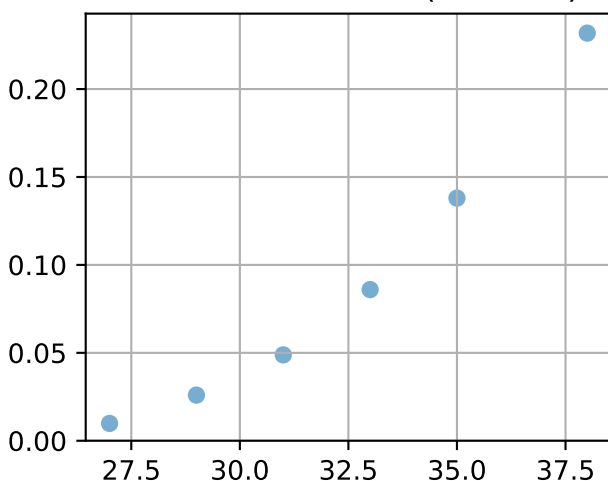
P10AE-063-19T2Fr1 (fit failed)



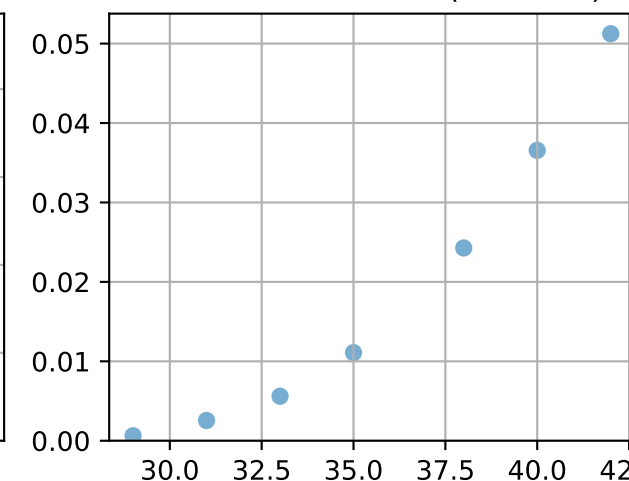
P10AE-063-19T2Fr5 (fit failed)



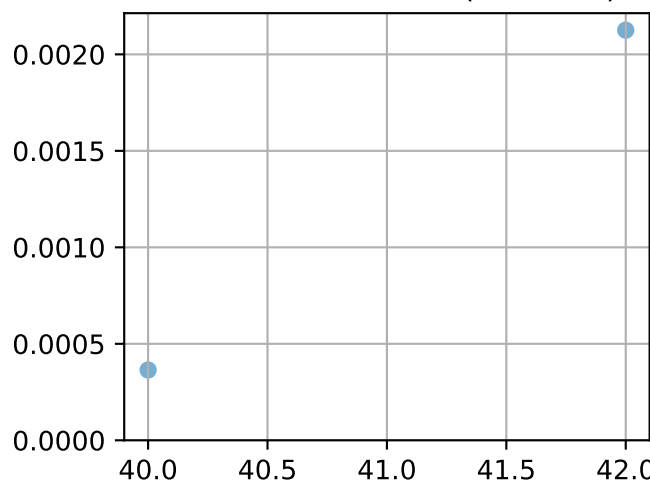
P10AE-076-5T1Fr1 (fit failed)



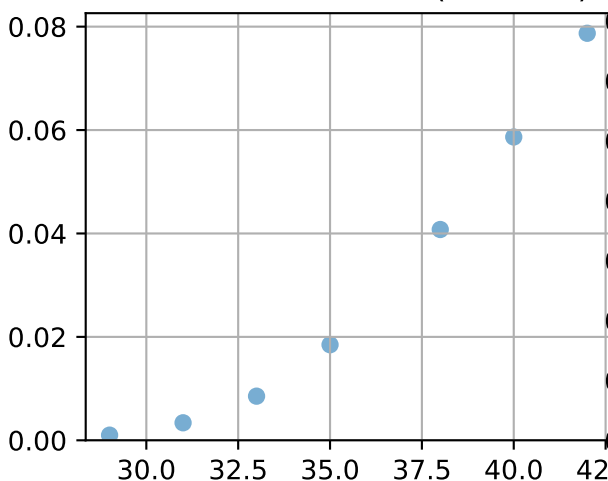
P10AE-076-5T1Fr5 (fit failed)



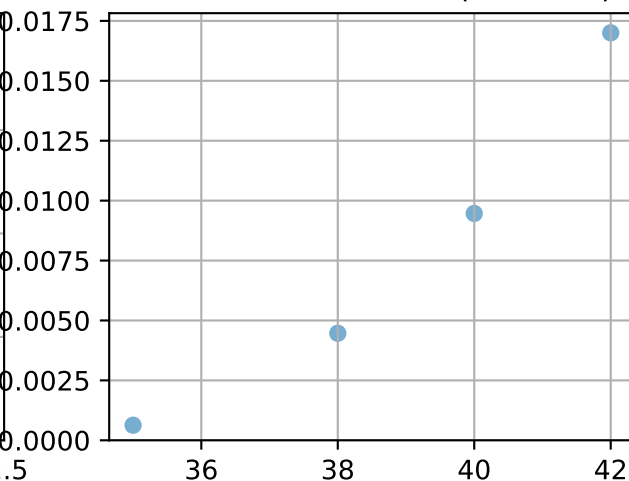
P10AE-076-5T2Fr1 (fit failed)



P10AE-089-22T1Fr1 (fit failed)

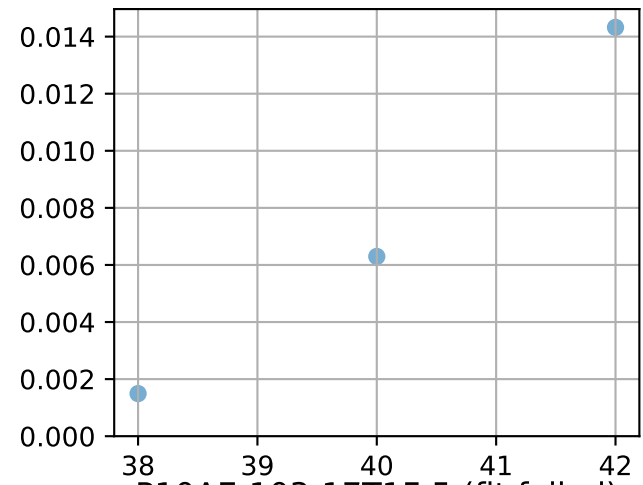


P10AE-089-22T1Fr5 (fit failed)

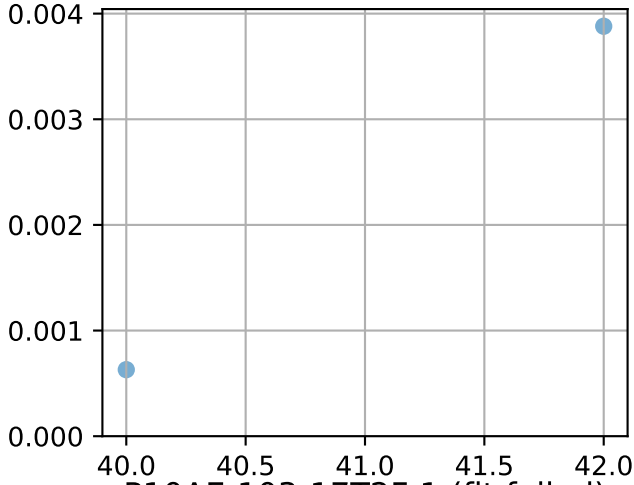


5V

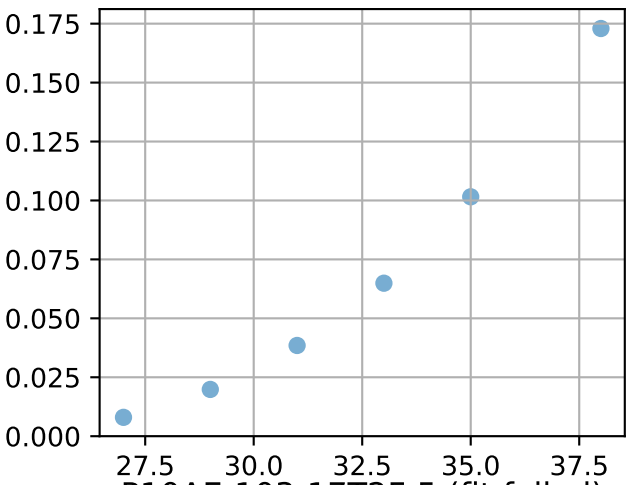
P10AE-089-22T2Fr1 (fit failed)



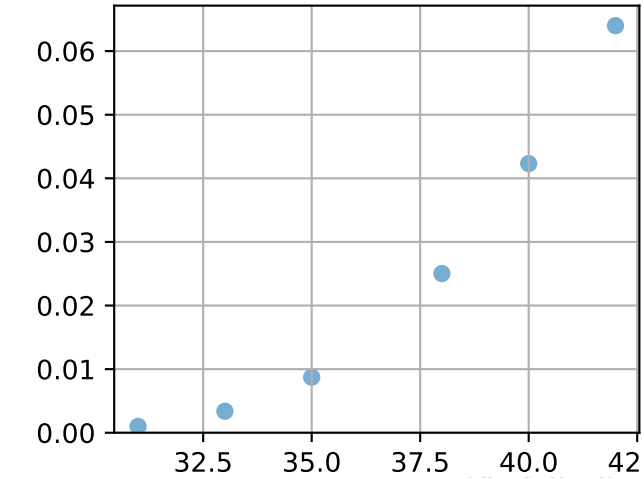
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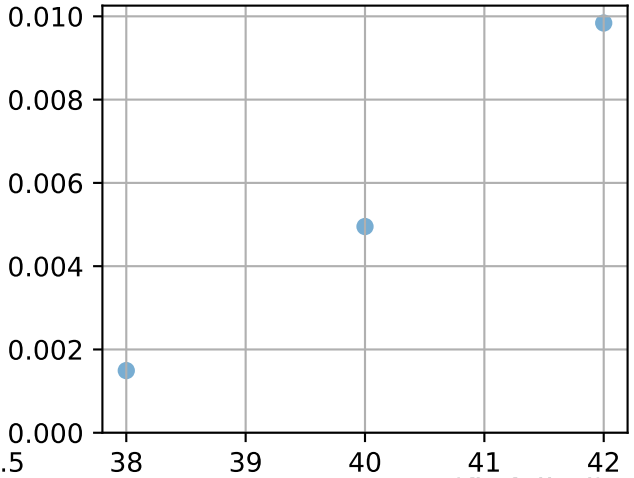
P10AE-103-17T1Fr1 (fit failed)



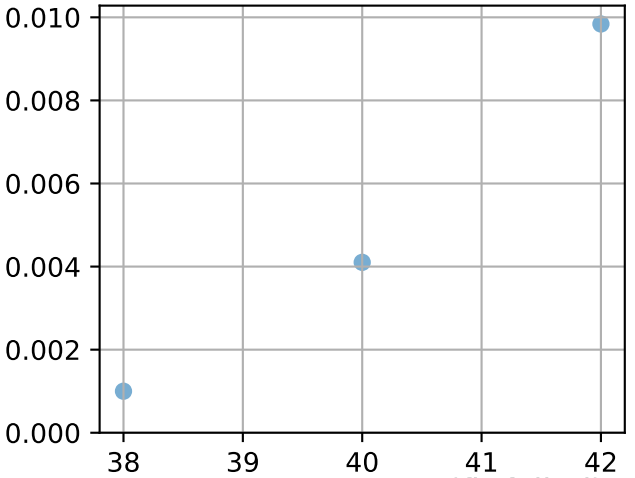
P10AE-103-17T1Fr5 (fit failed)



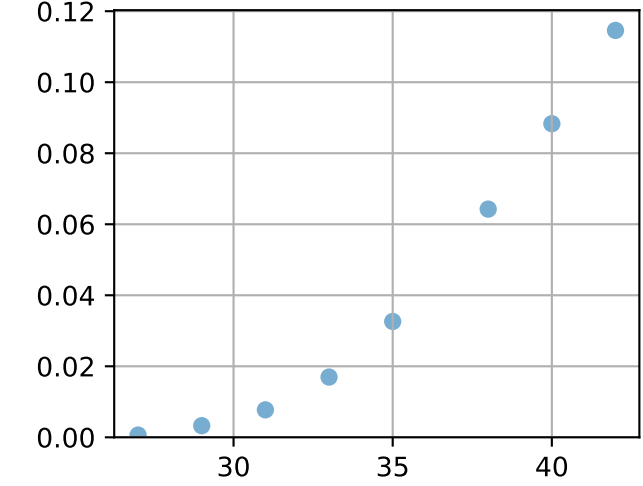
P10AE-103-17T2Fr1 (fit failed)



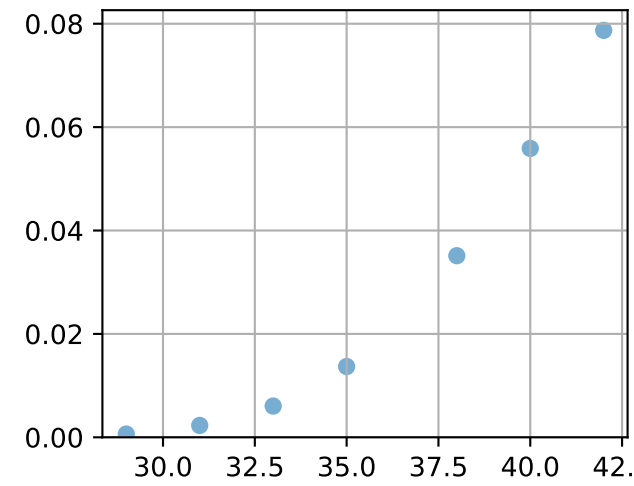
P10AE-103-17T2Fr5 (fit failed)



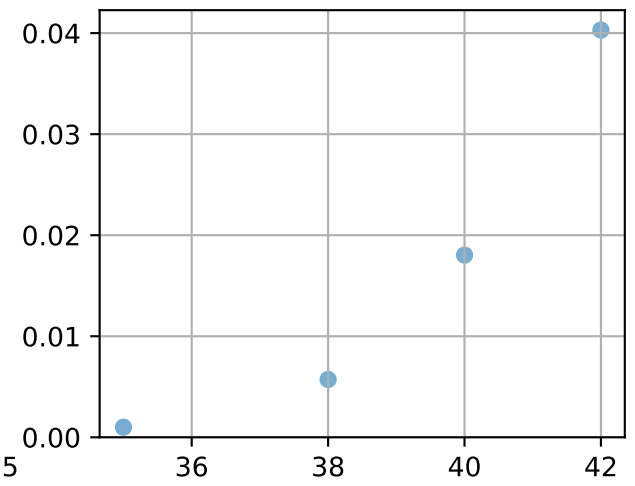
P10AE-116-21T1Fr1 (fit failed)



P10AE-116-21T1Fr5 (fit failed)

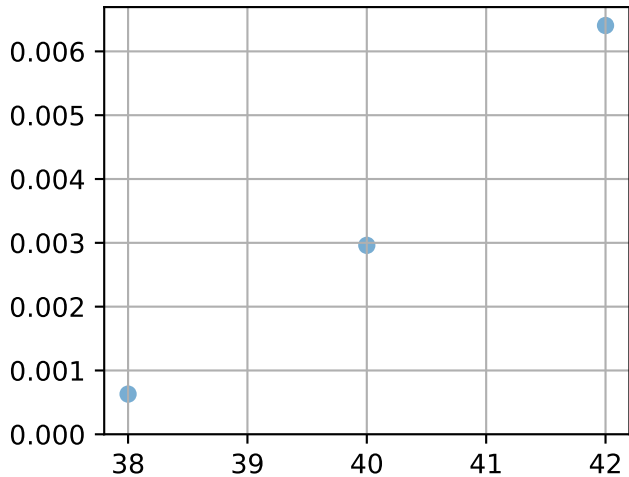


P10AE-116-21T2Fr1 (fit failed)



P10AE-116-21T2Fr5 (fit failed)

FrV

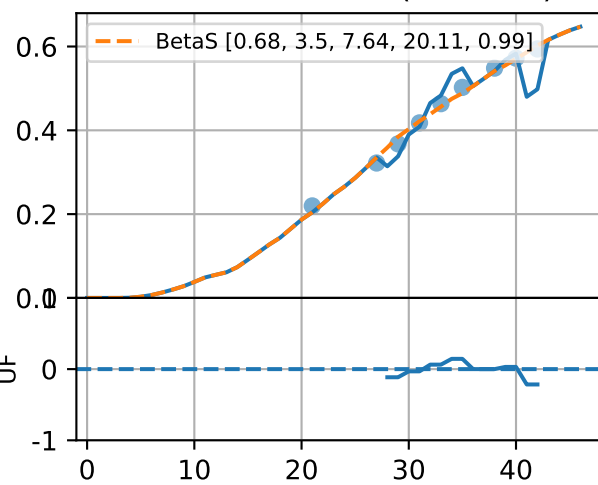
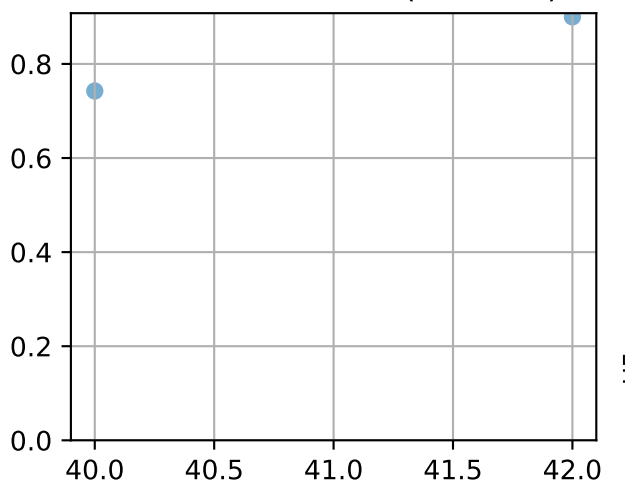
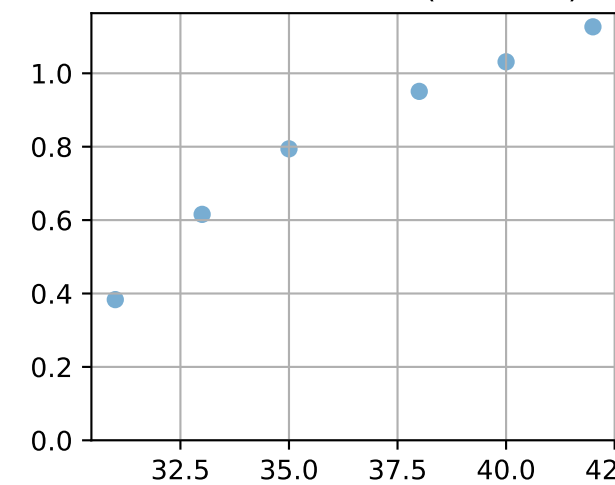
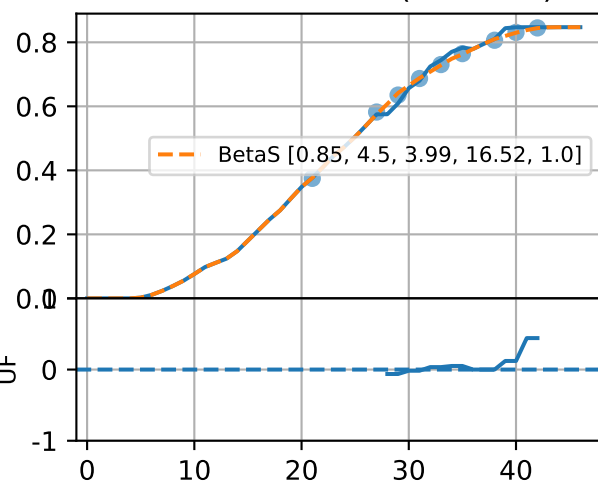
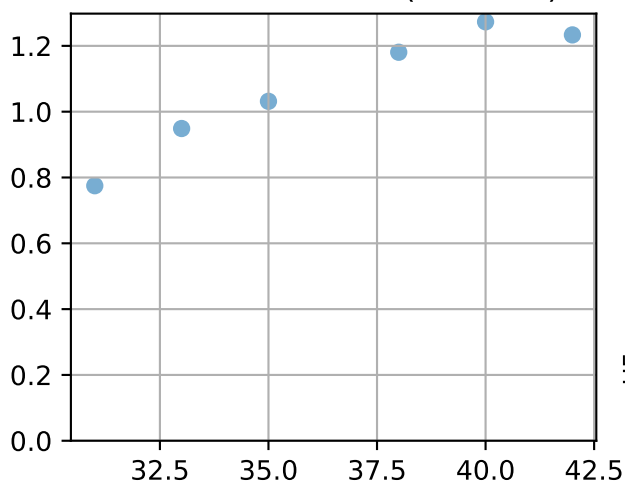
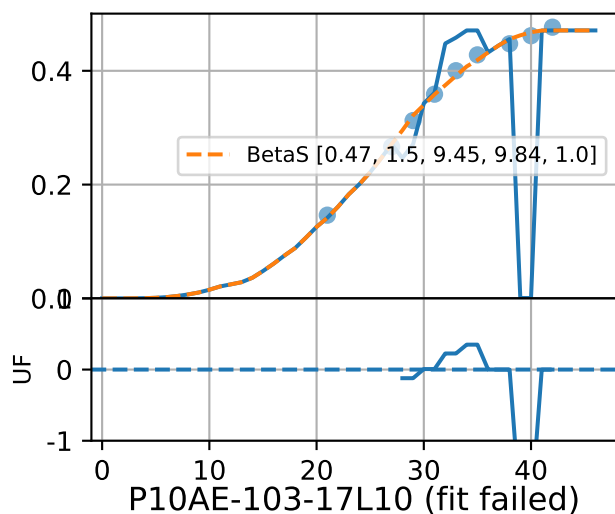
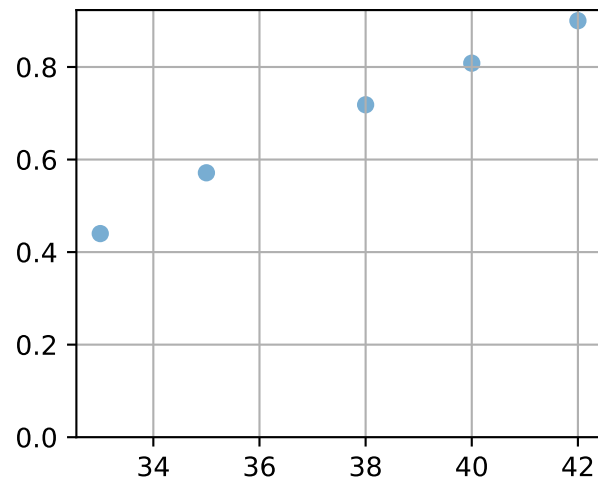
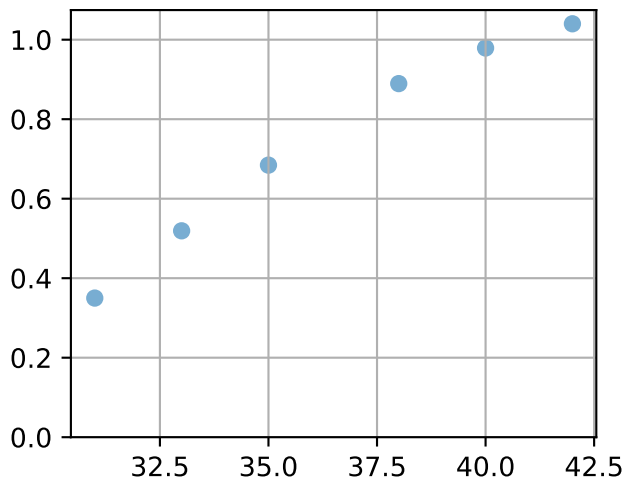
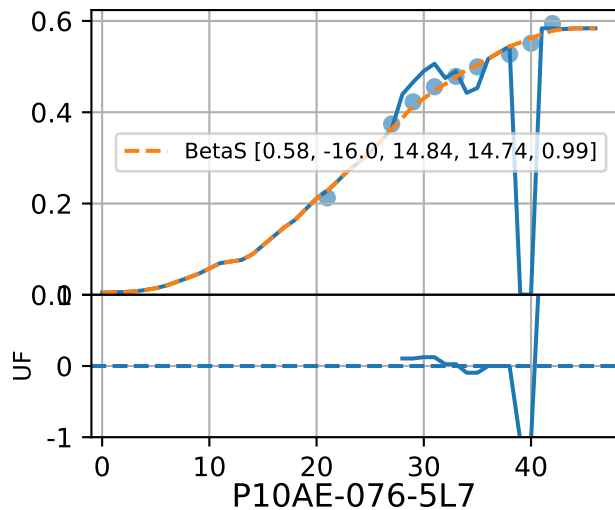


1-fA

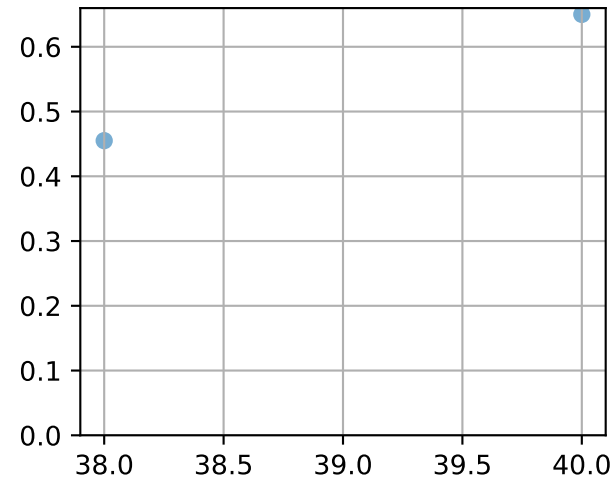
P10AE-063-19L6 (fit failed)

P10AE-063-19L9 (fit failed)

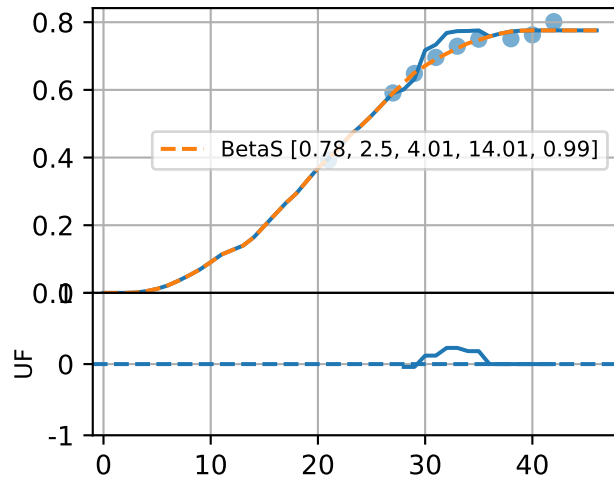
P10AE-076-5L11 (fit failed)



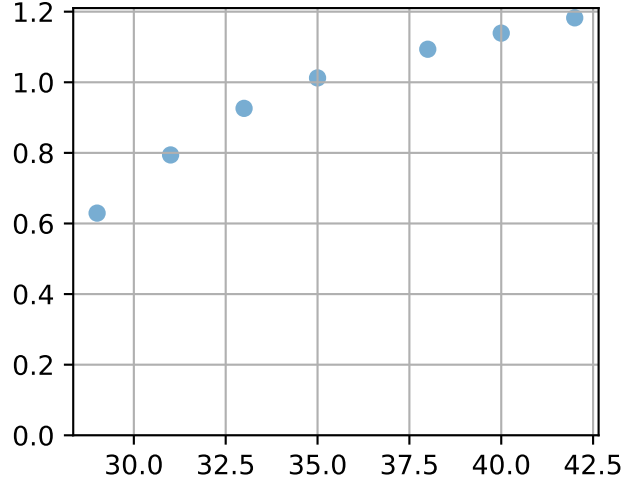
P10AE-116-21L12 (fit failed)

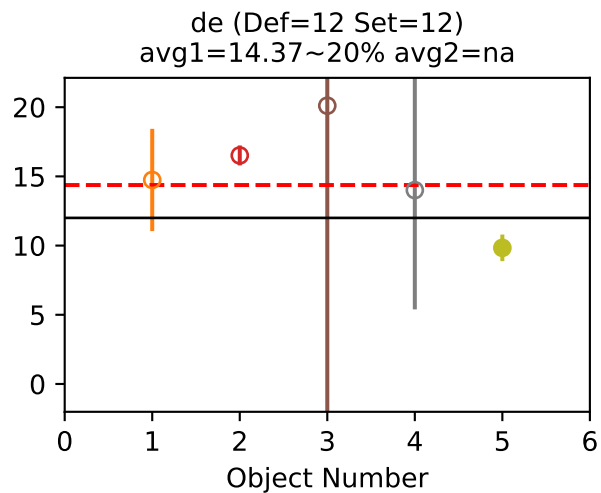
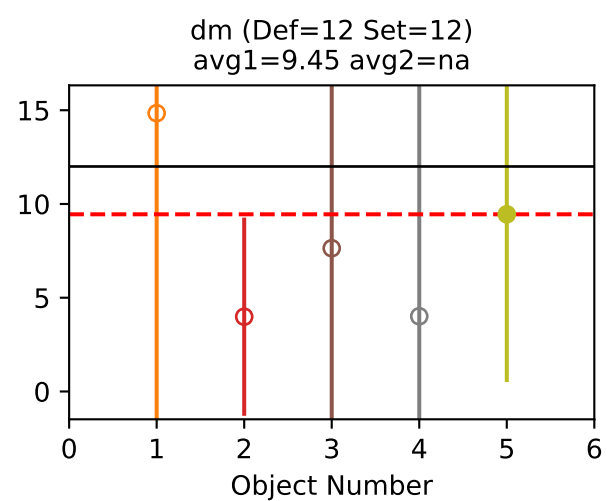
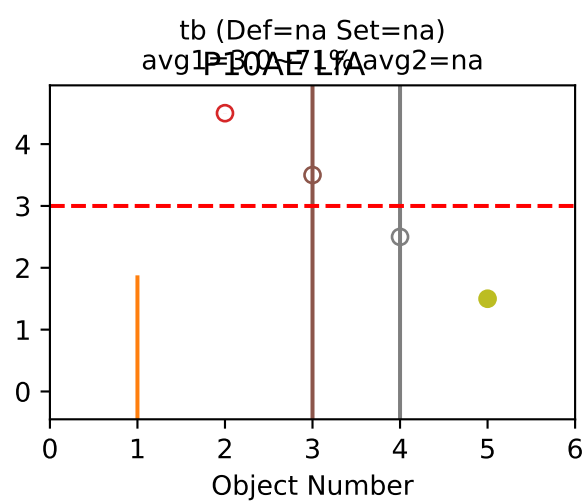
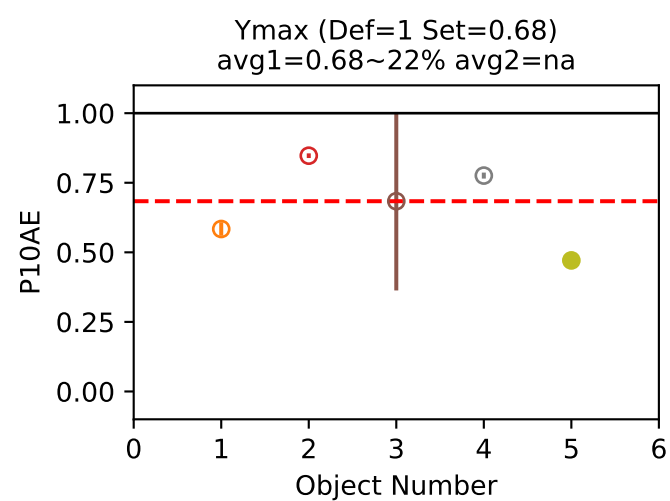


P10AE-116-21L6 (fit failed)

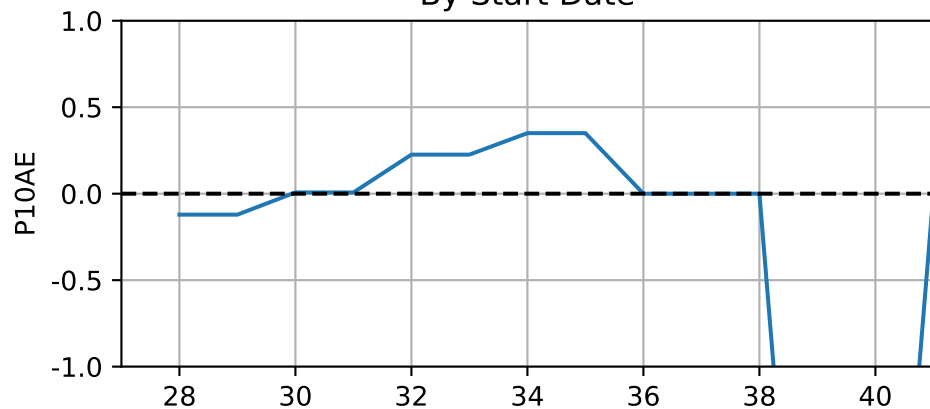


P10AE-116-21L9 (fit failed)

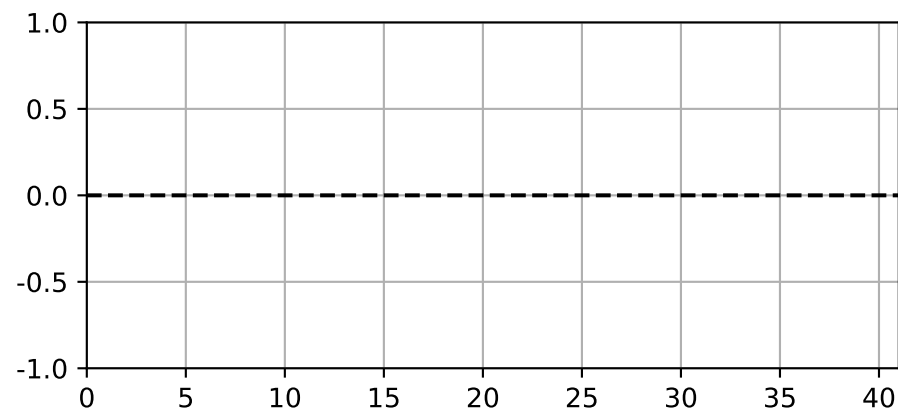
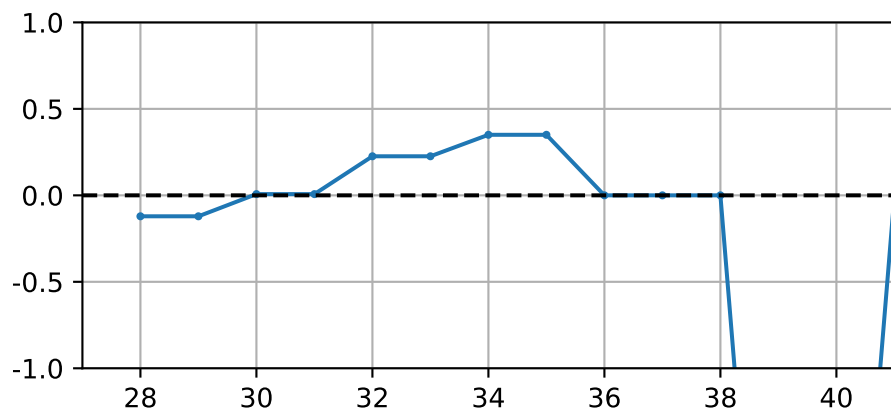
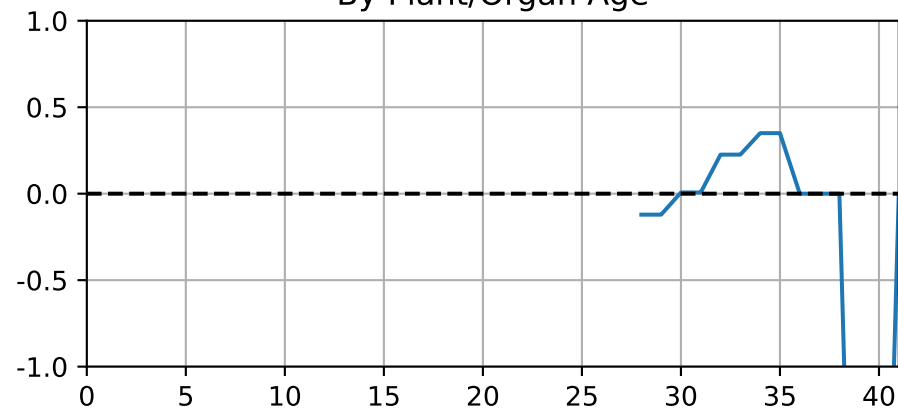


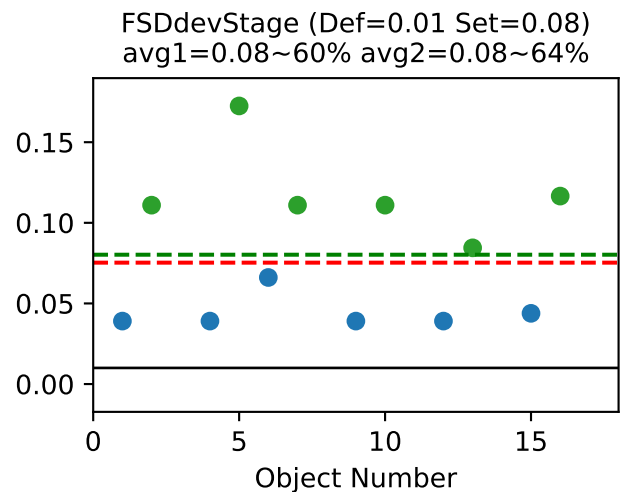
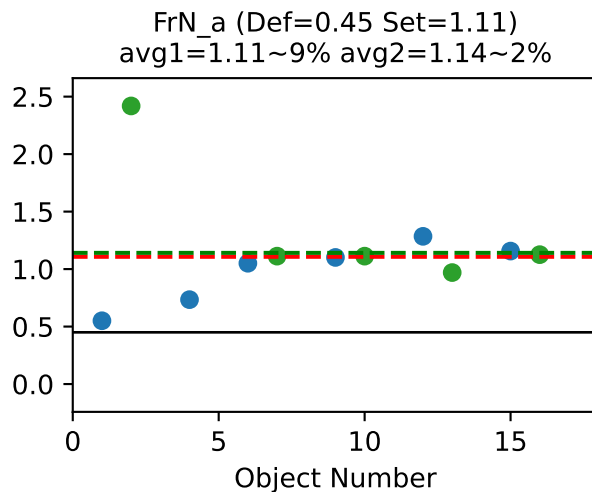
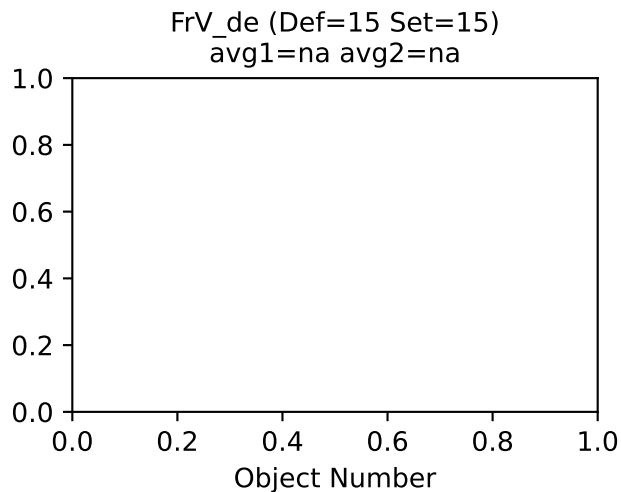
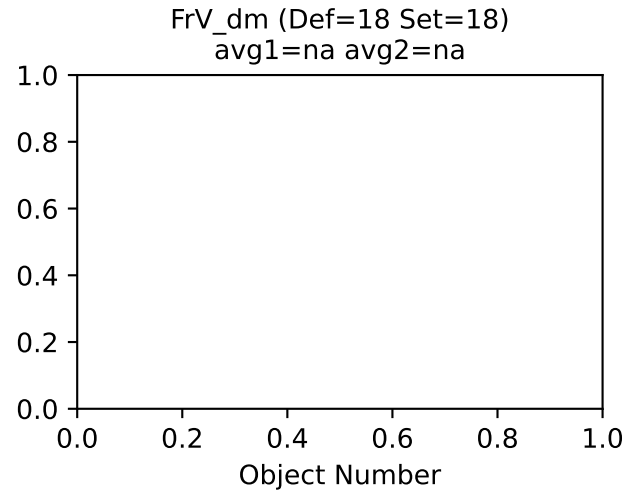
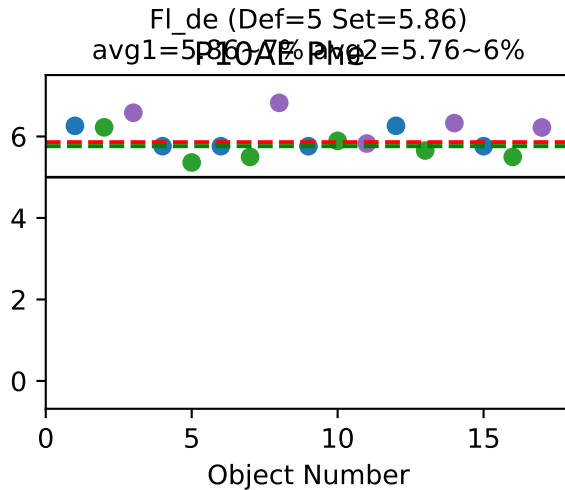
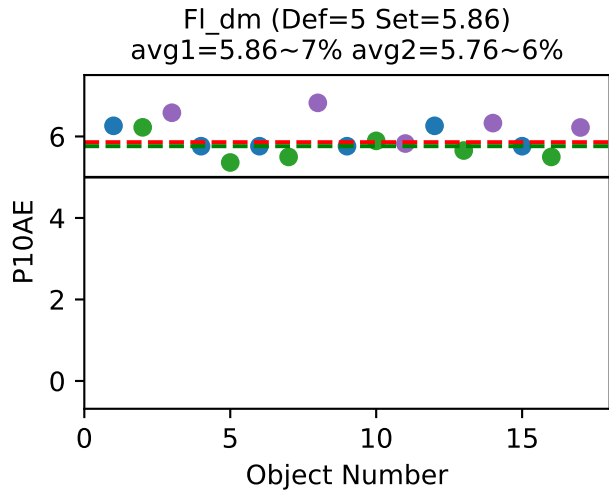


By Start Date

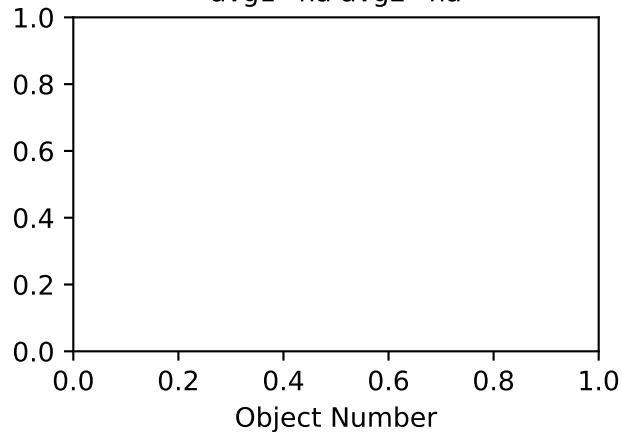


By Plant/Organ Age

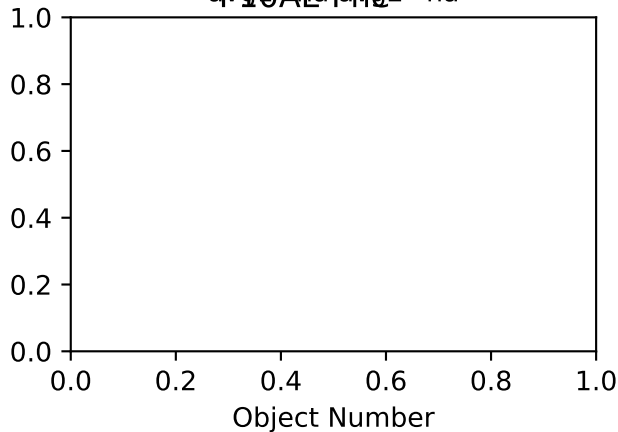




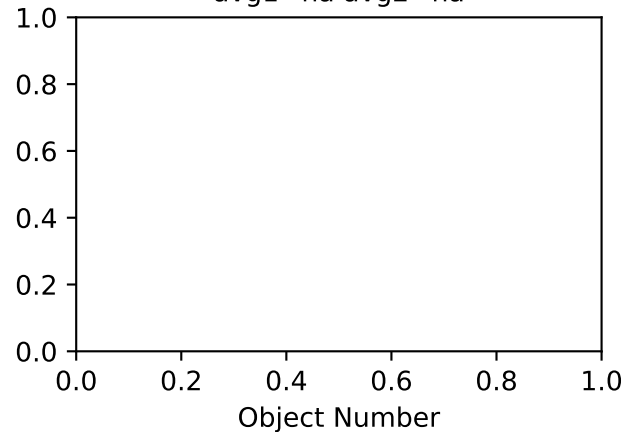
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



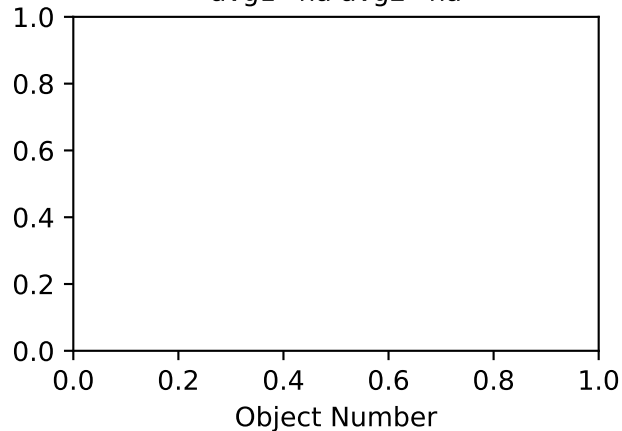
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



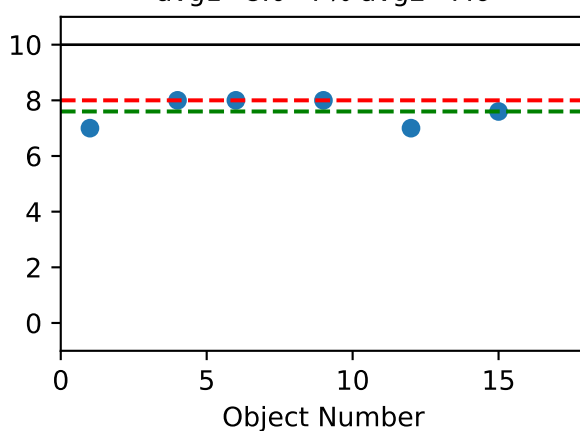
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

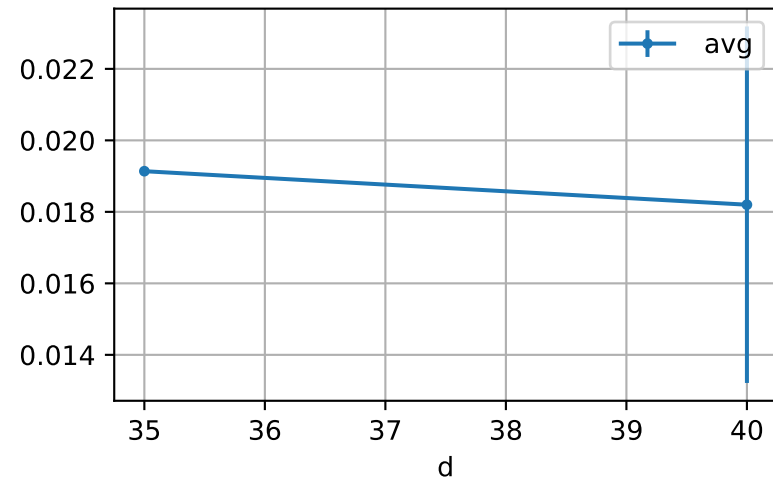


NNgen (Def=10 Set=8)
avg1=8.0~7% avg2=7.6

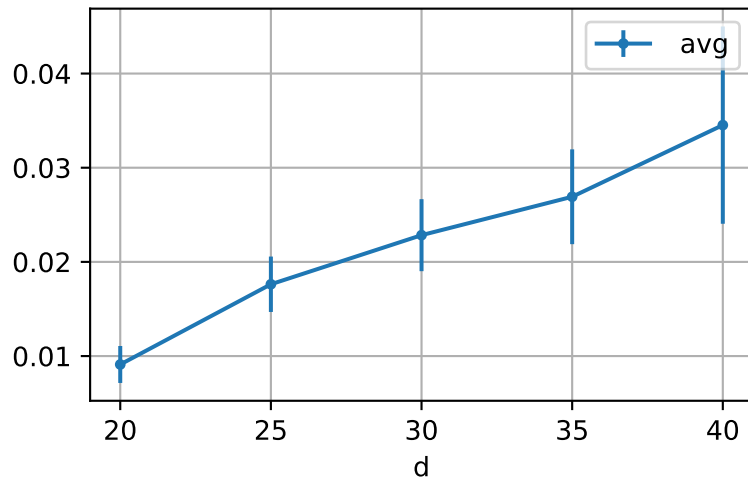


LfA: avg vs. d at each age group

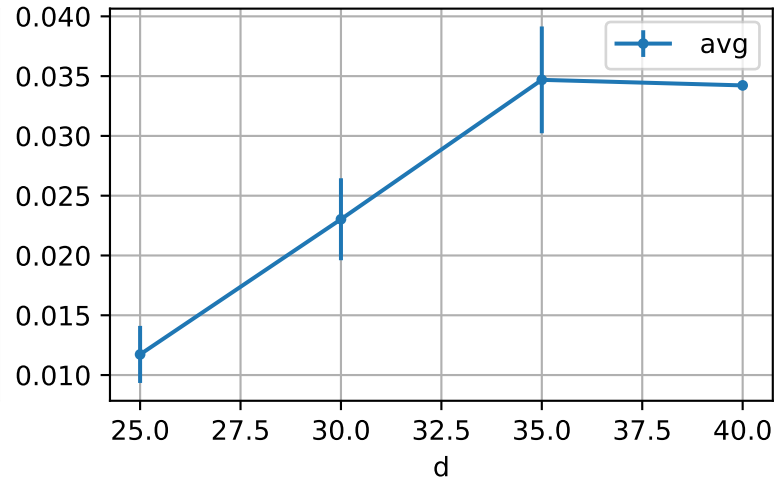
age=20



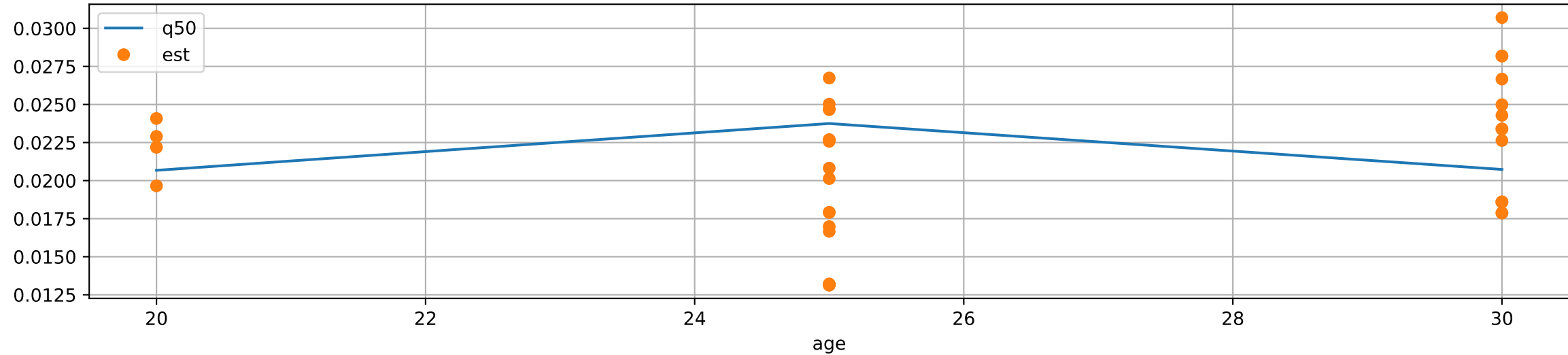
age=25



age=30

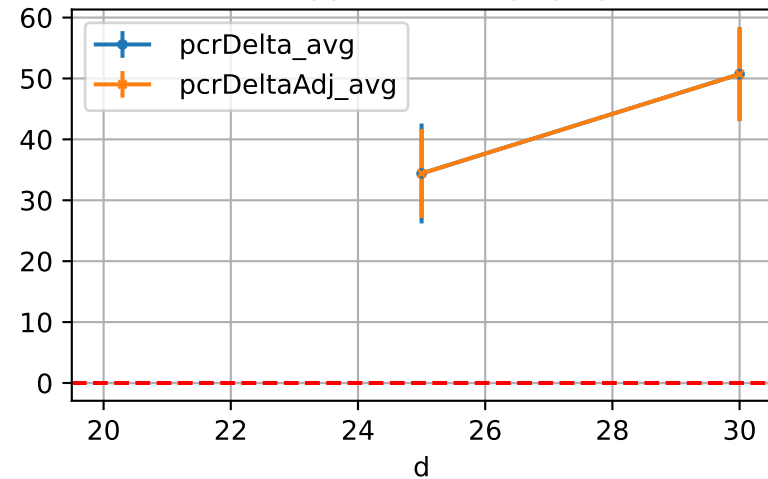


LfA: model est vs obsOv@Q50

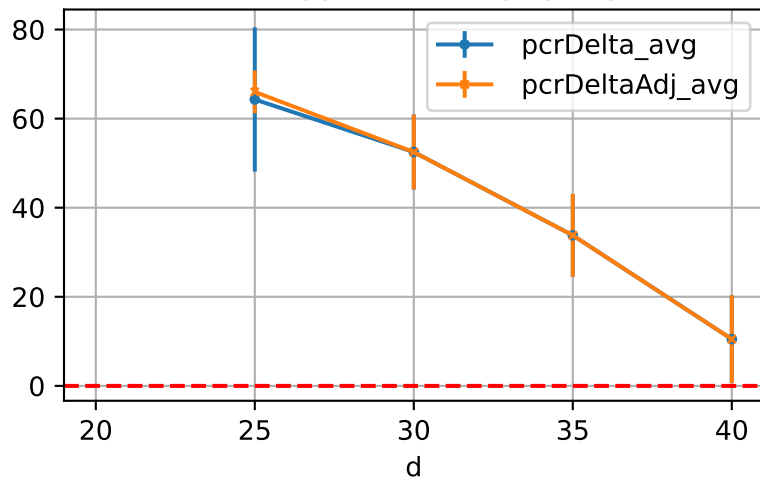


P10AE LfA: D_5d_LfA

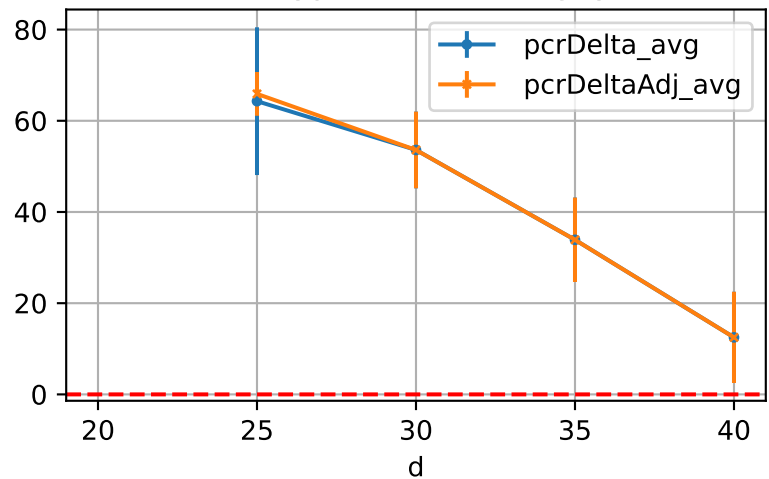
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

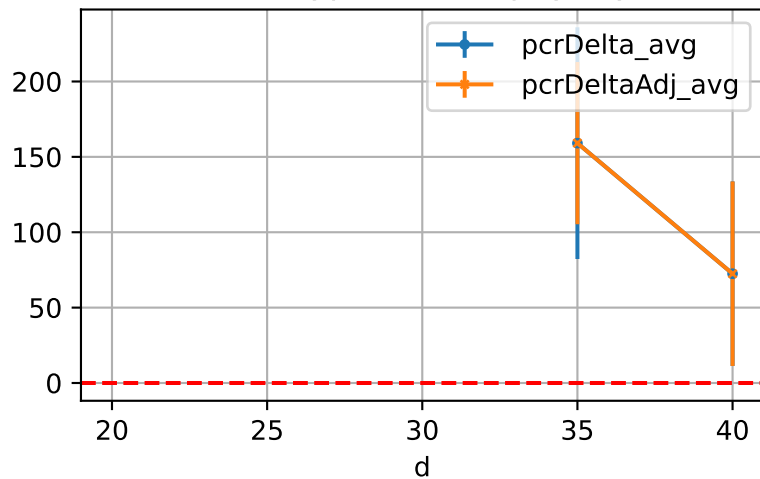


DeltaTypeAbbr=WeiAvgByD

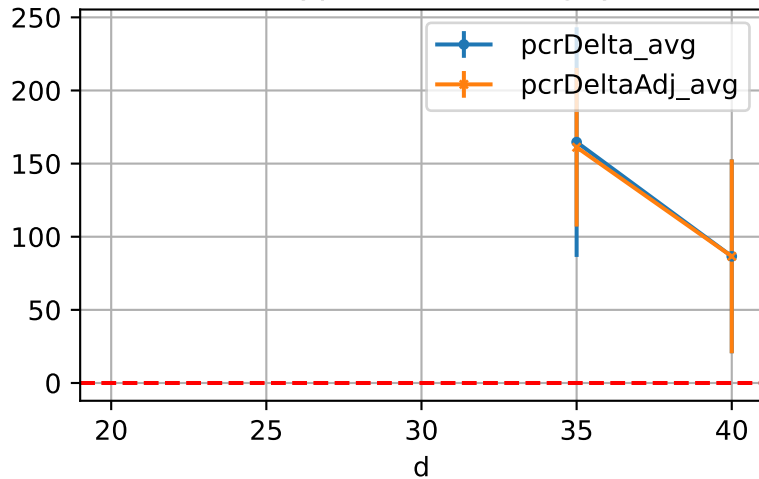


P10AE LfA: D_15d_LfA

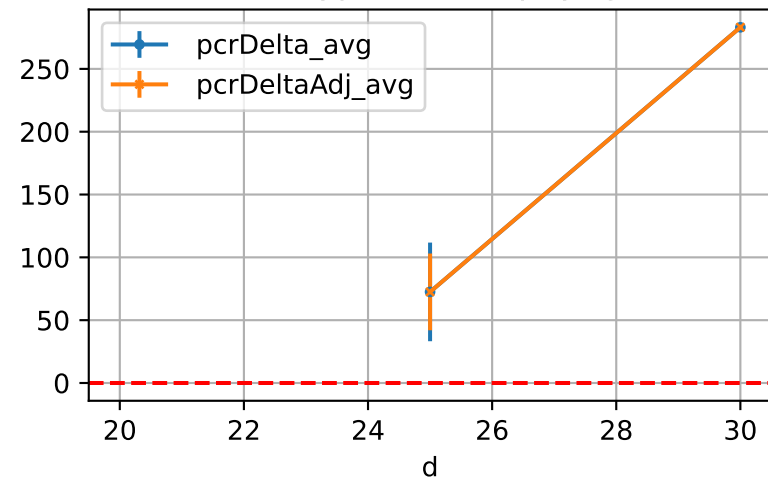
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

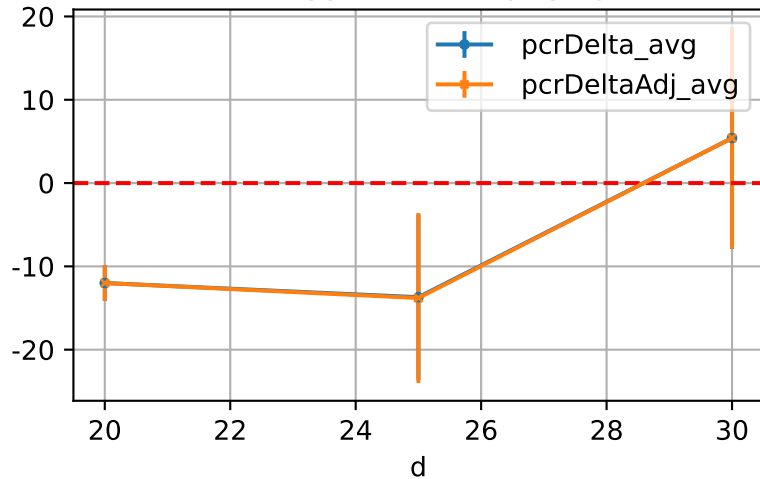


DeltaTypeAbbr=GrpByAge

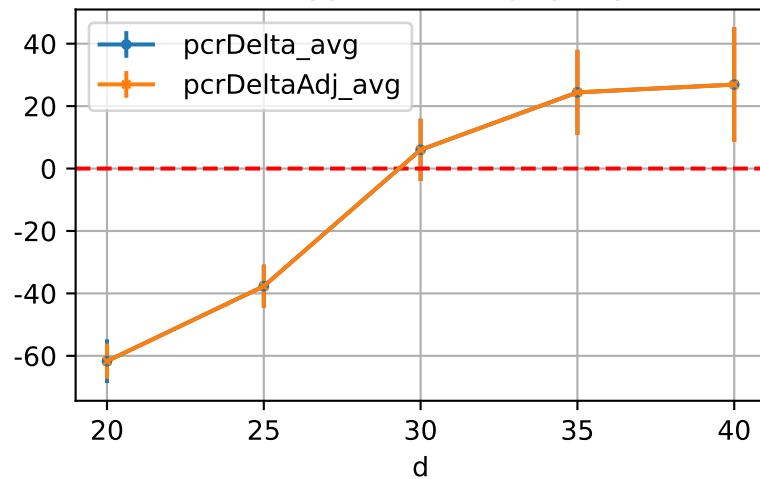


P10AE LfA: D_Q50_LfA

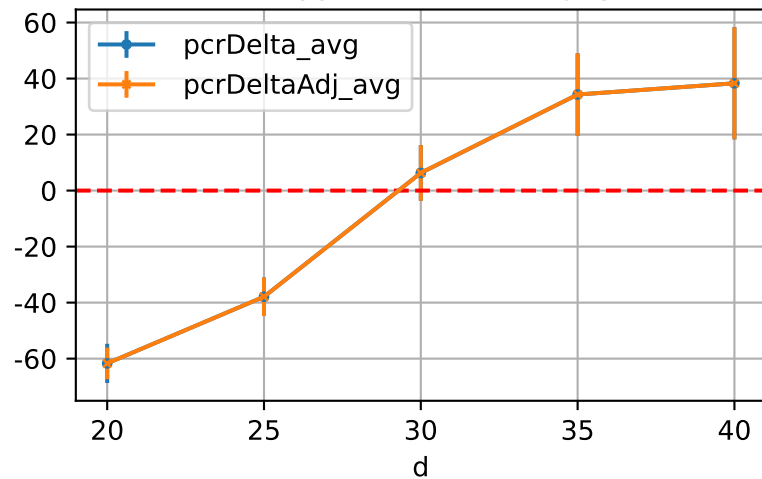
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DeltaTypeAbbr=GrpByDay

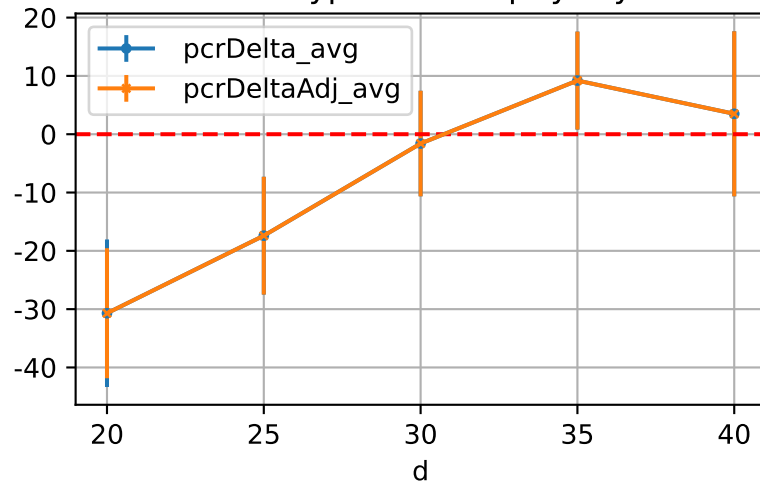
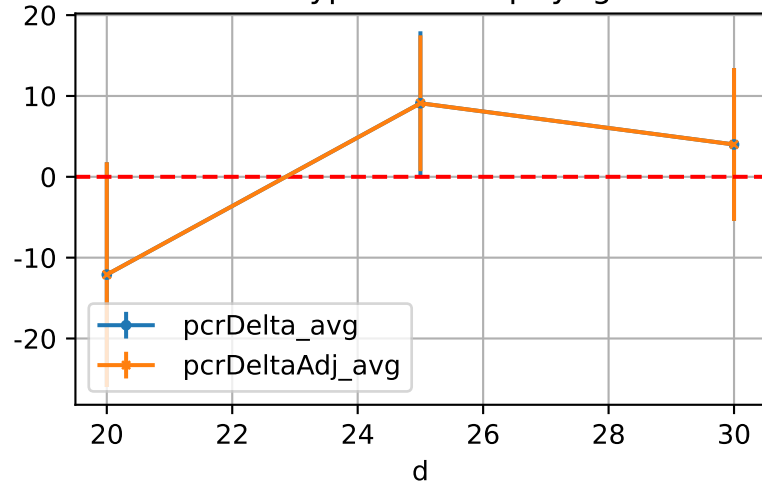


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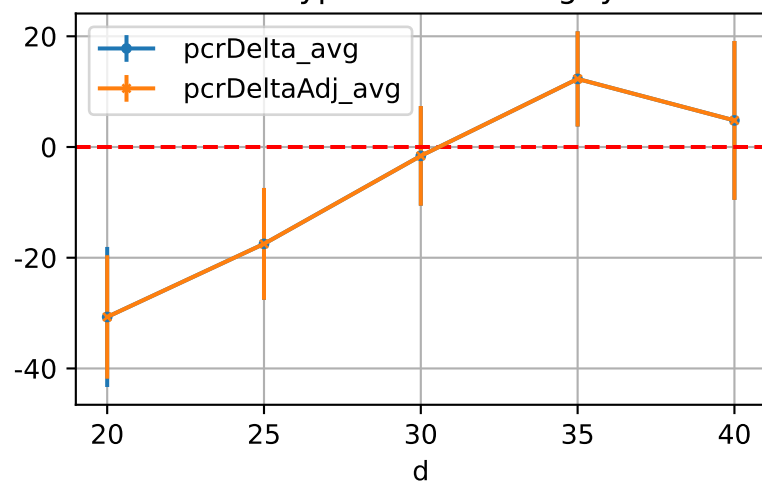


P10AE LfA: D_Est_LfA

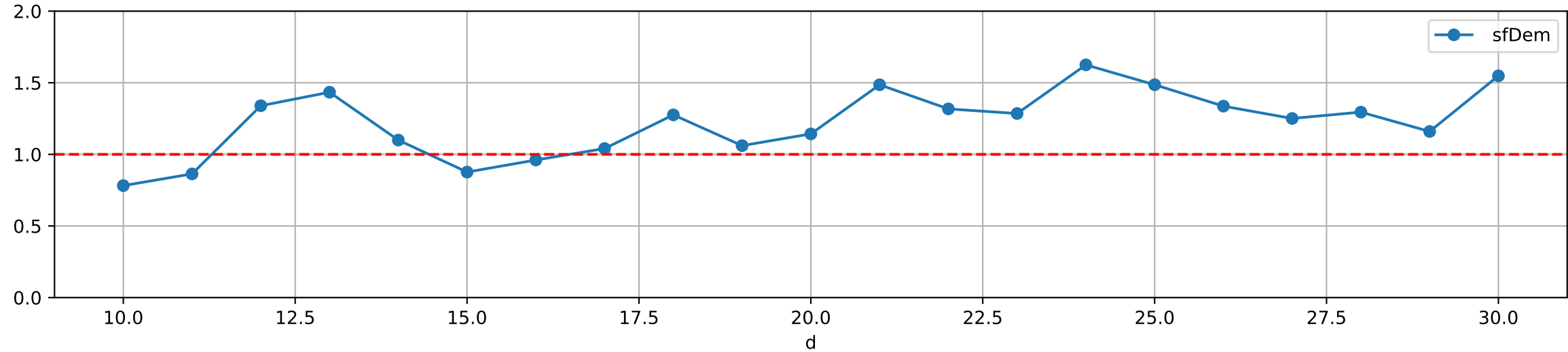
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD



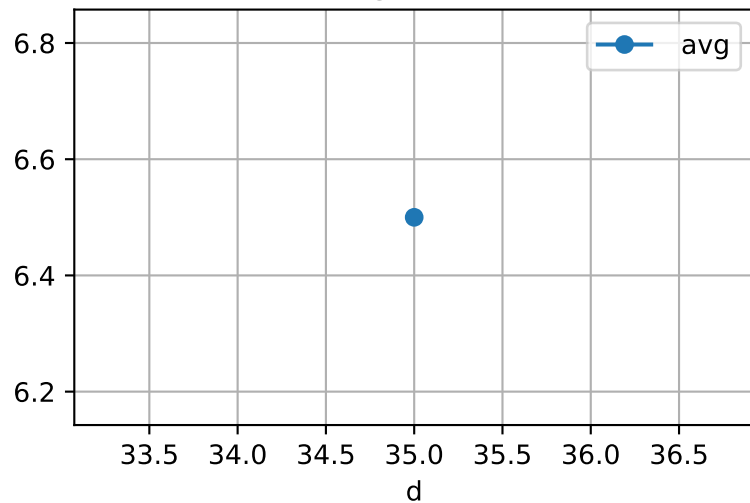
LfA: sfDem



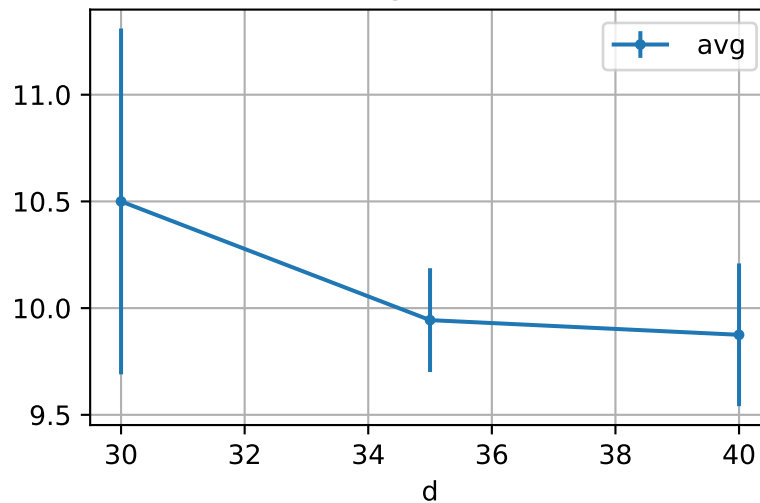


NdD: avg vs. d at each age group

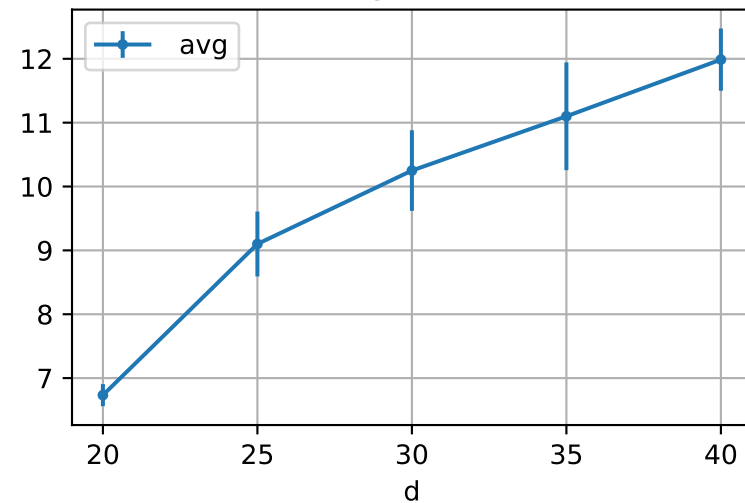
age=15



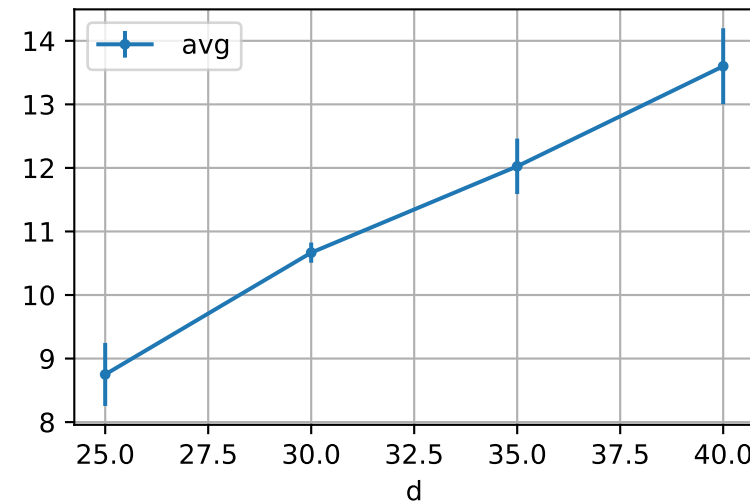
age=20



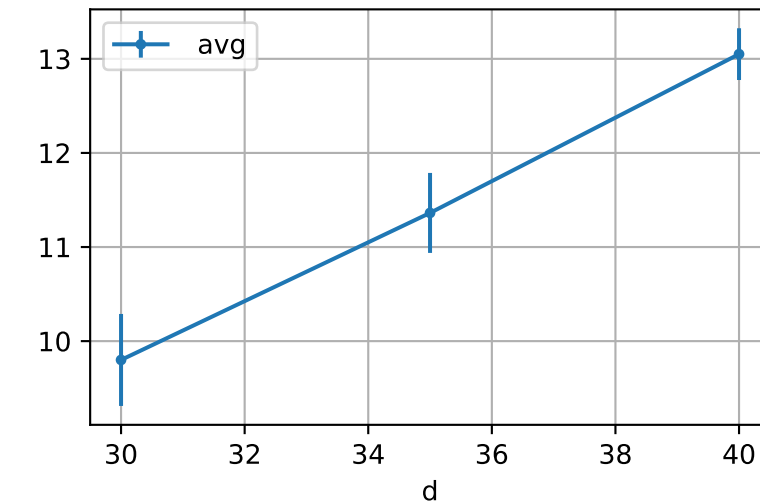
age=25



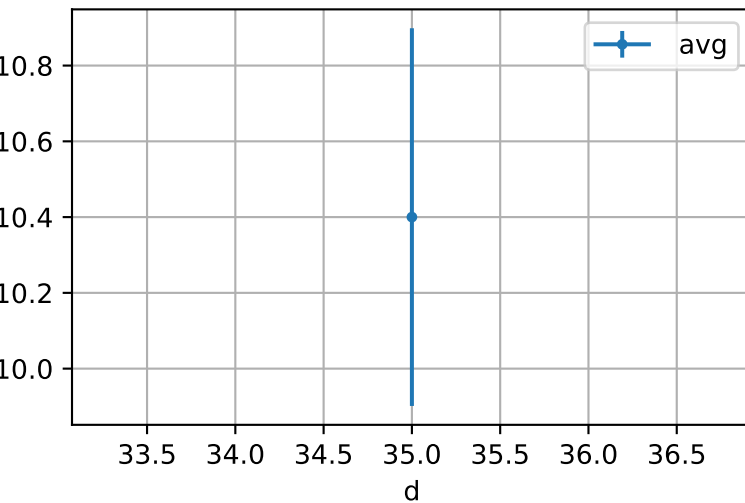
age=30



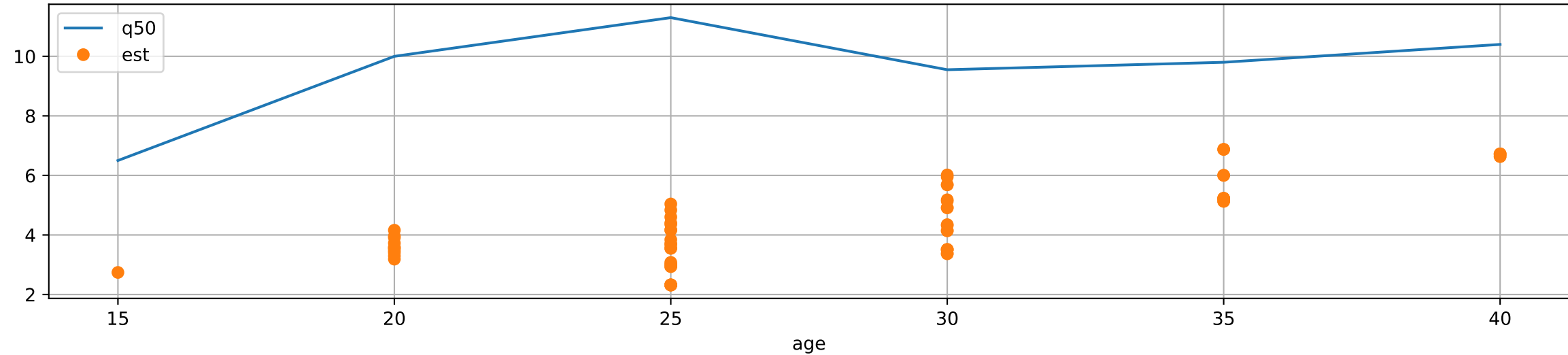
age=35



age=40

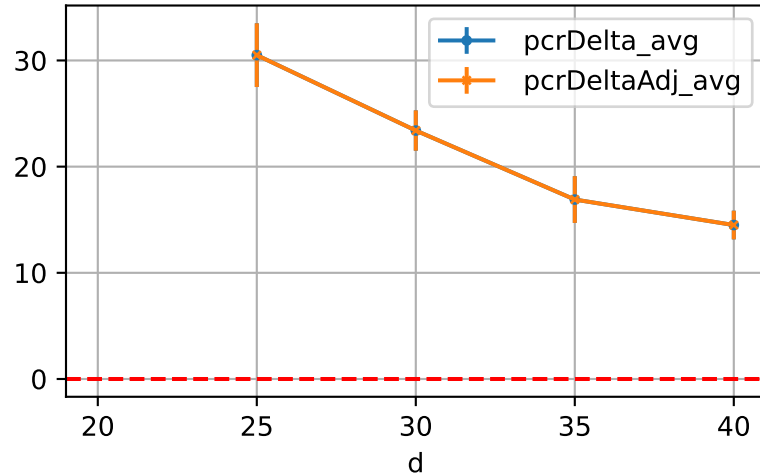


NdD: model est vs obsOv@Q50

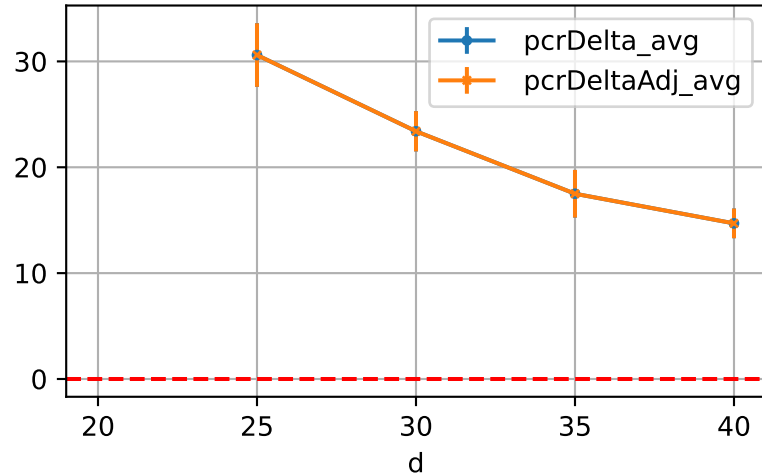


P10AE NdD: D_5d_NdD

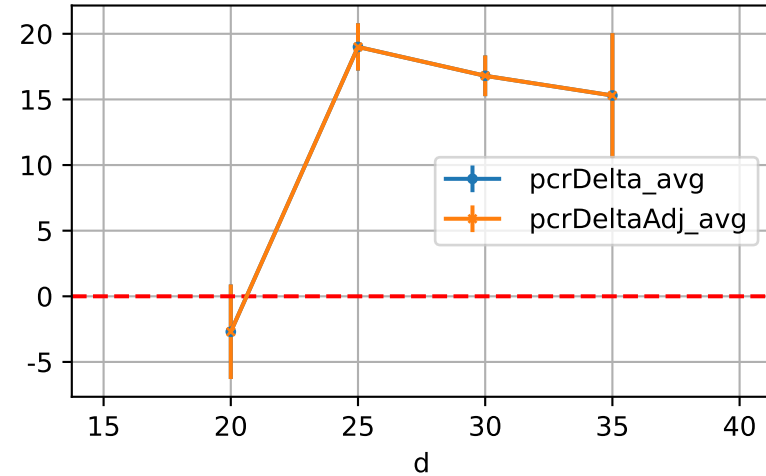
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

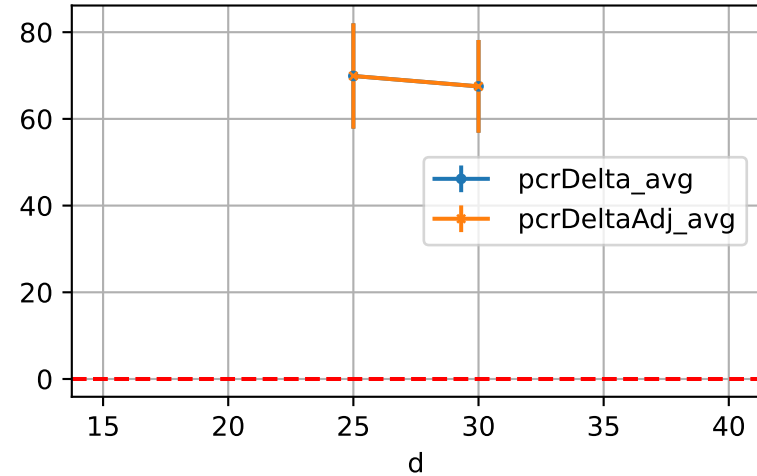


DeltaTypeAbbr=GrpByAge

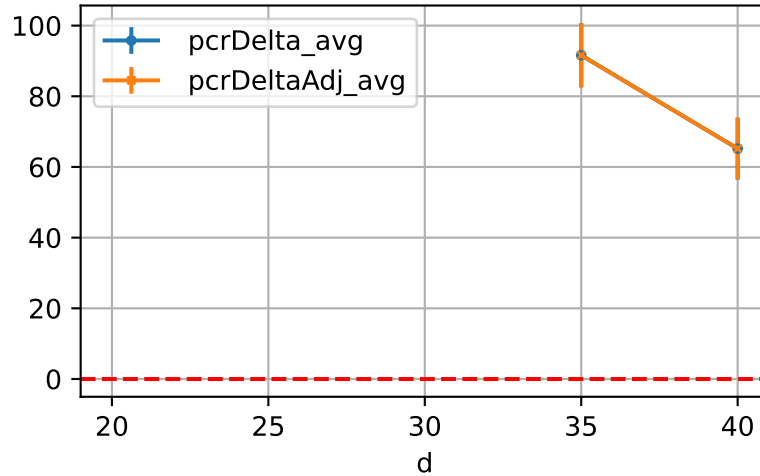


P10AE NdD: D_15d_NdD

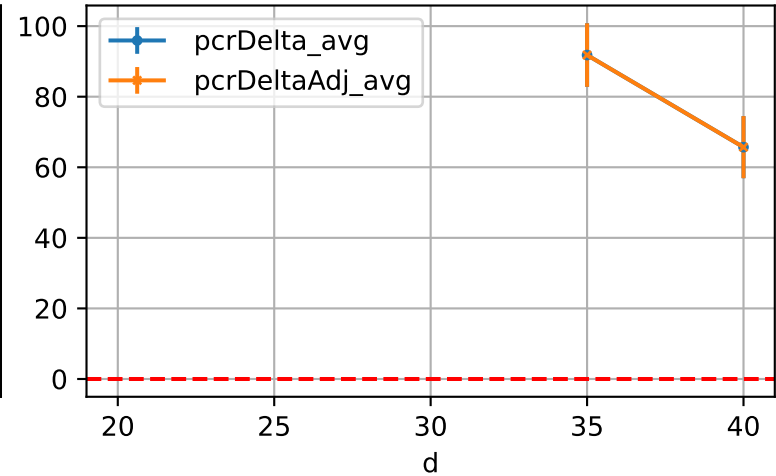
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

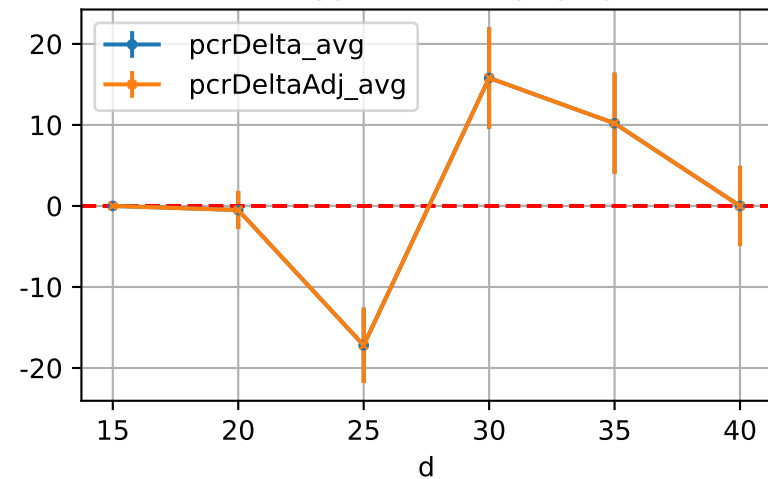


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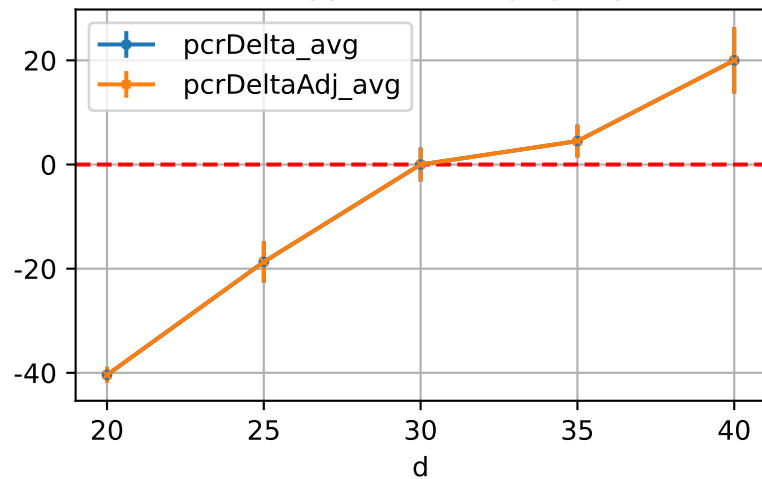


P10AE NdD: D_Q50_NdD

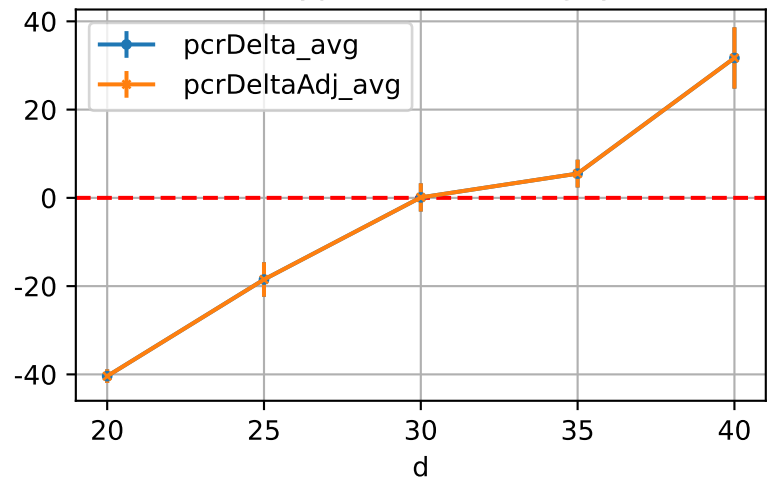
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

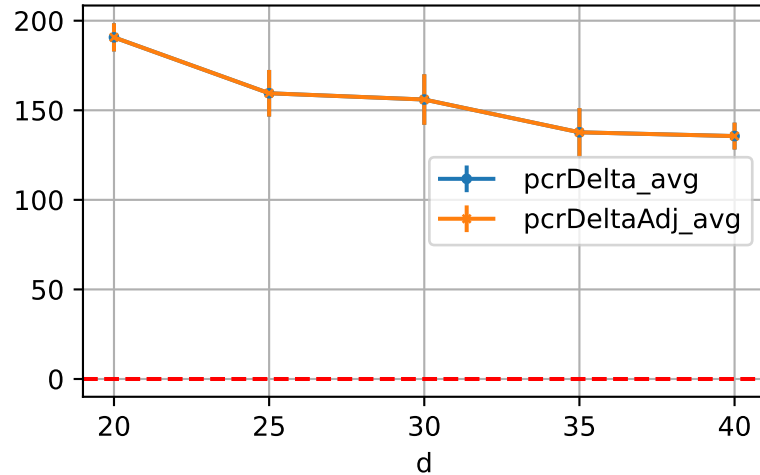


DeltaTypeAbbr=WeiAvgByD

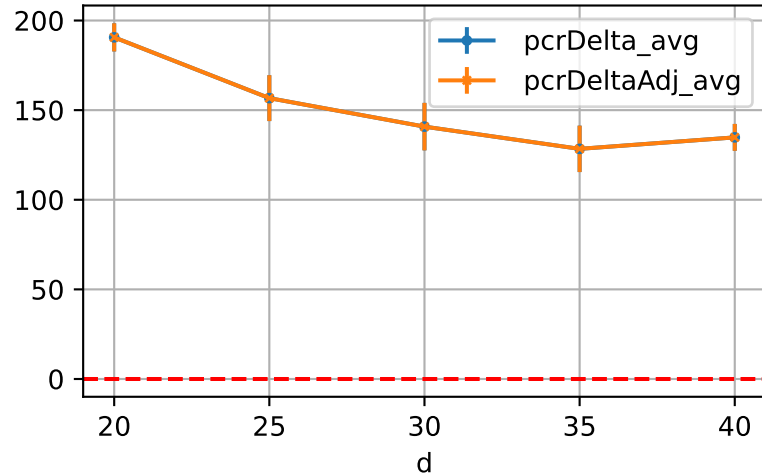


P10AE NdD: D_Est_NdD

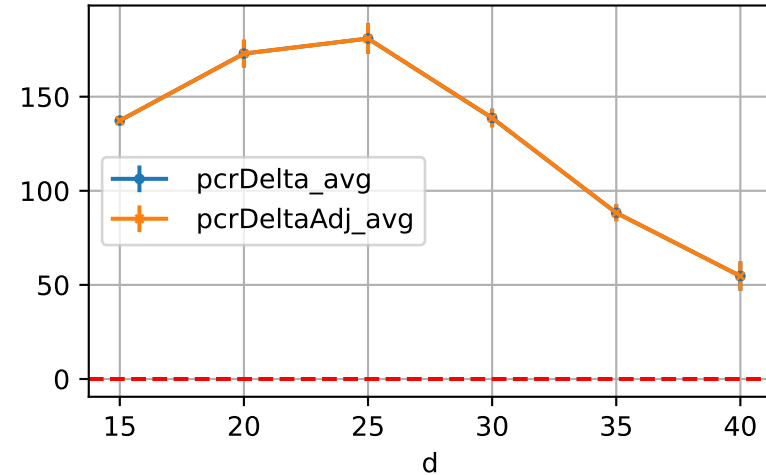
DeltaTypeAbbr=GrpByDay



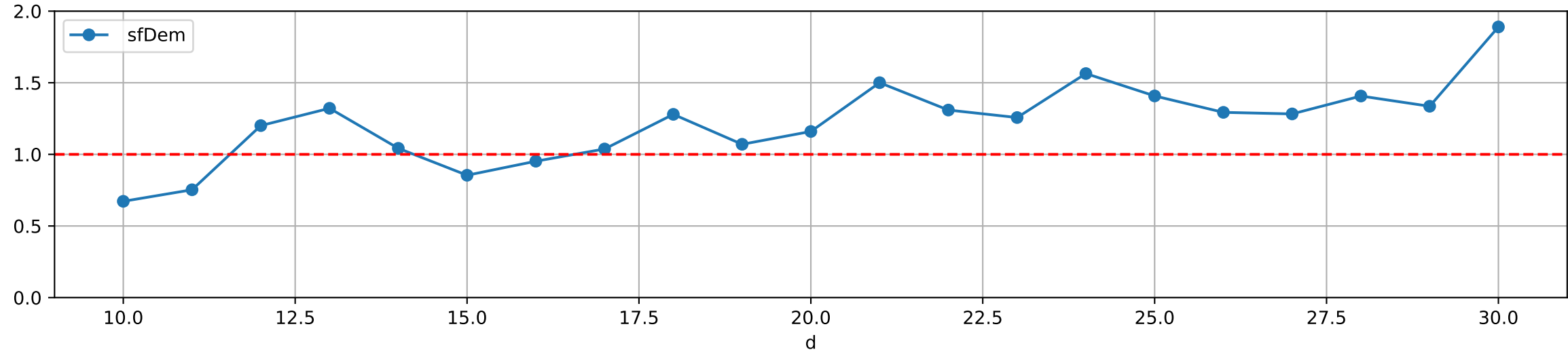
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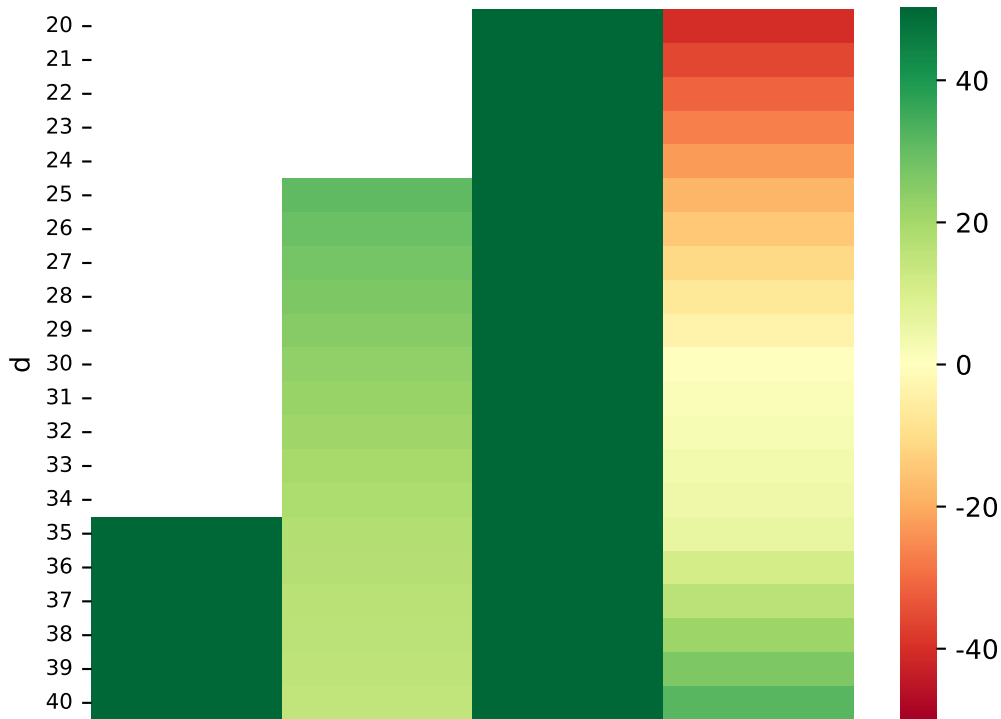


DeltaTypeAbbr=GrpByAge

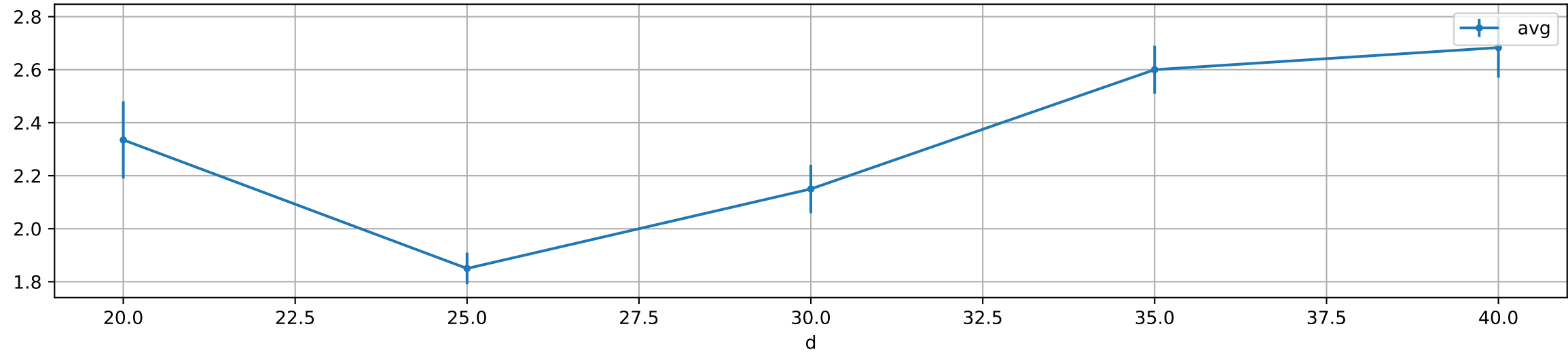


NdD: sfDem

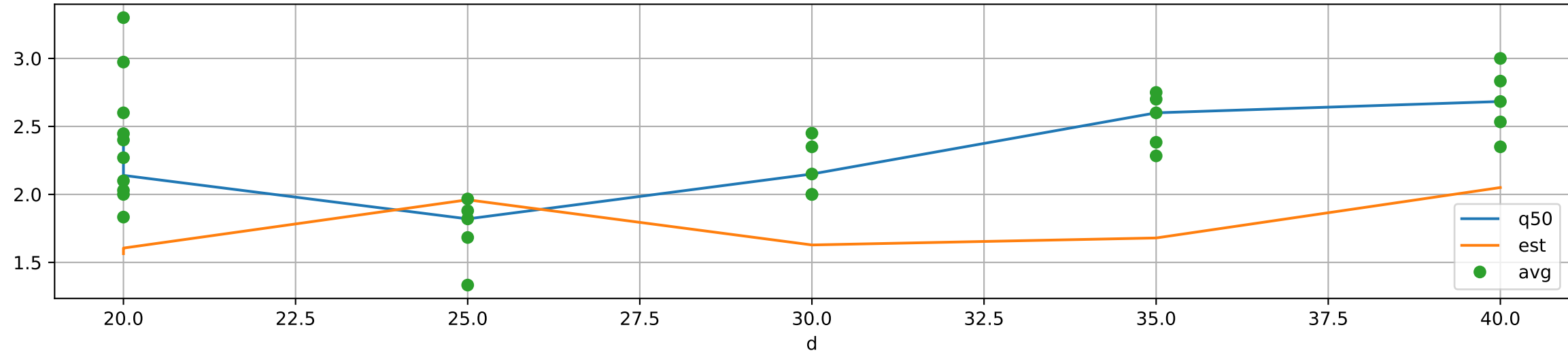




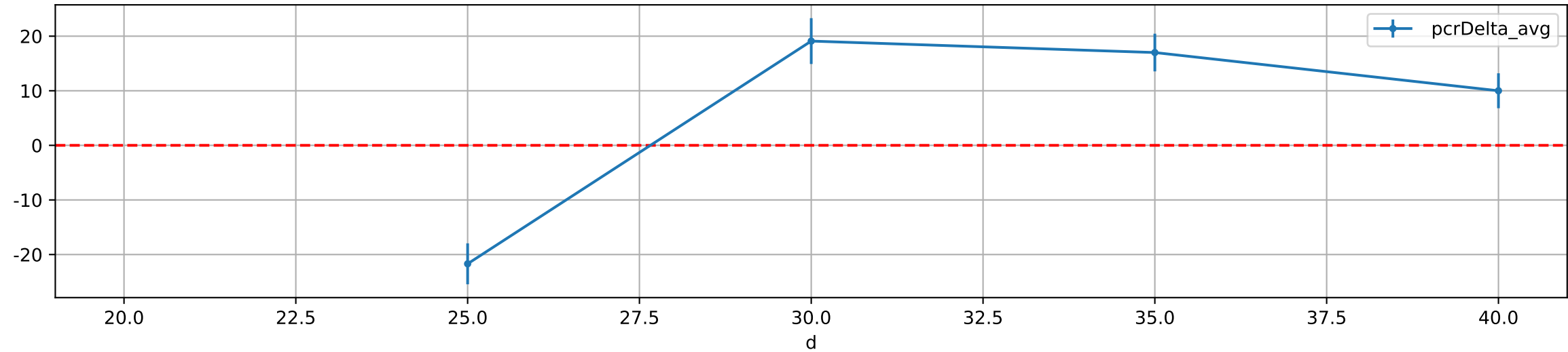
dStH: avg vs. d



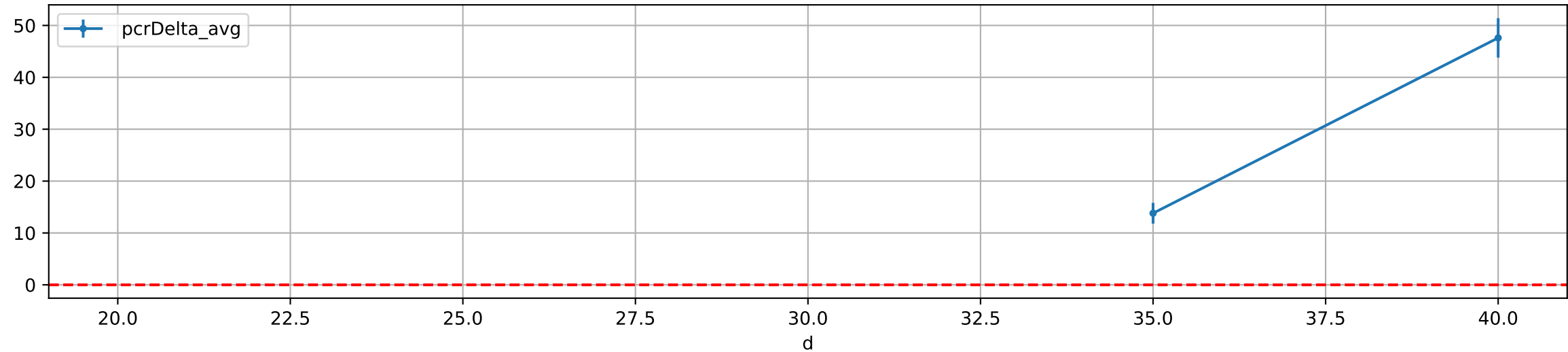
dStH: obsAvg vs obsOv@Q50



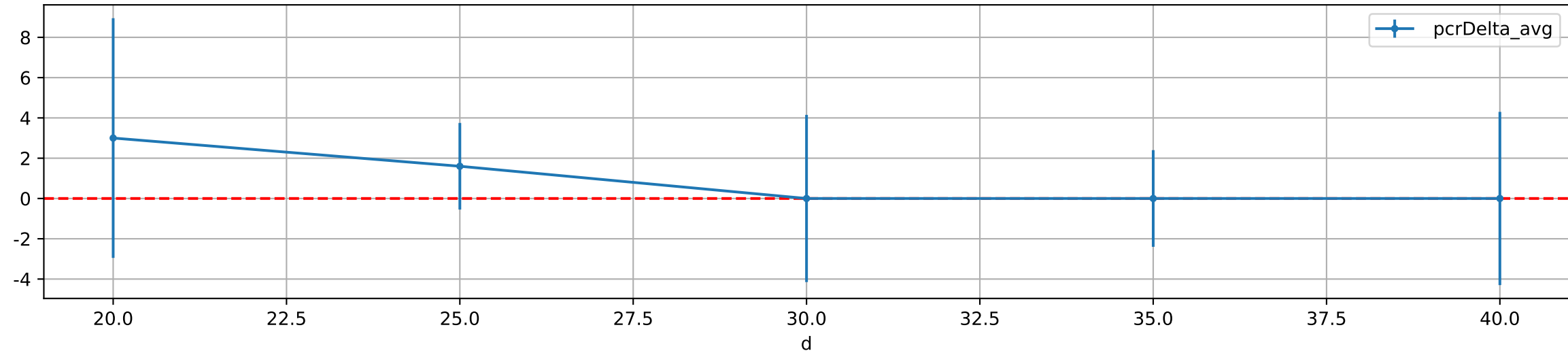
dStH: D_5d_StH



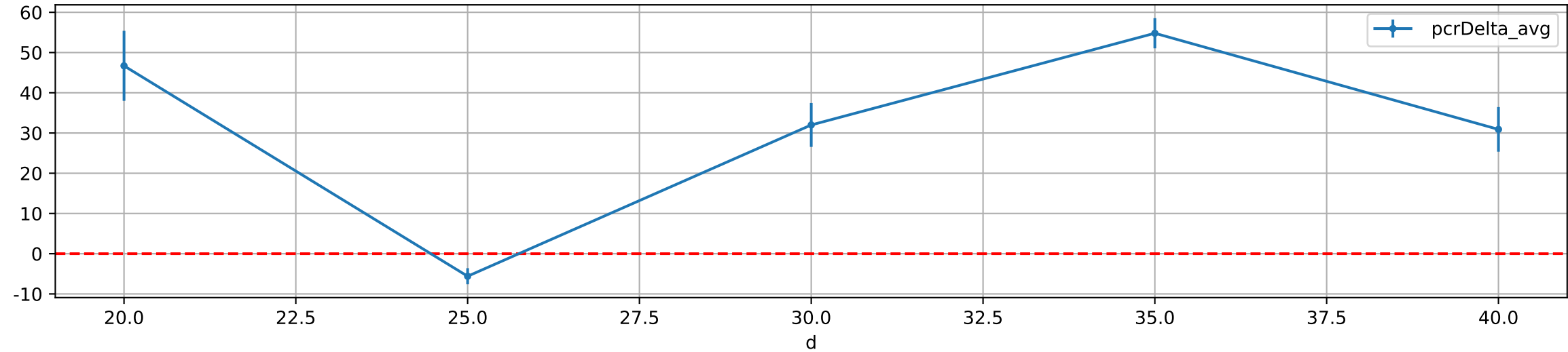
dStH: D_15d_StH



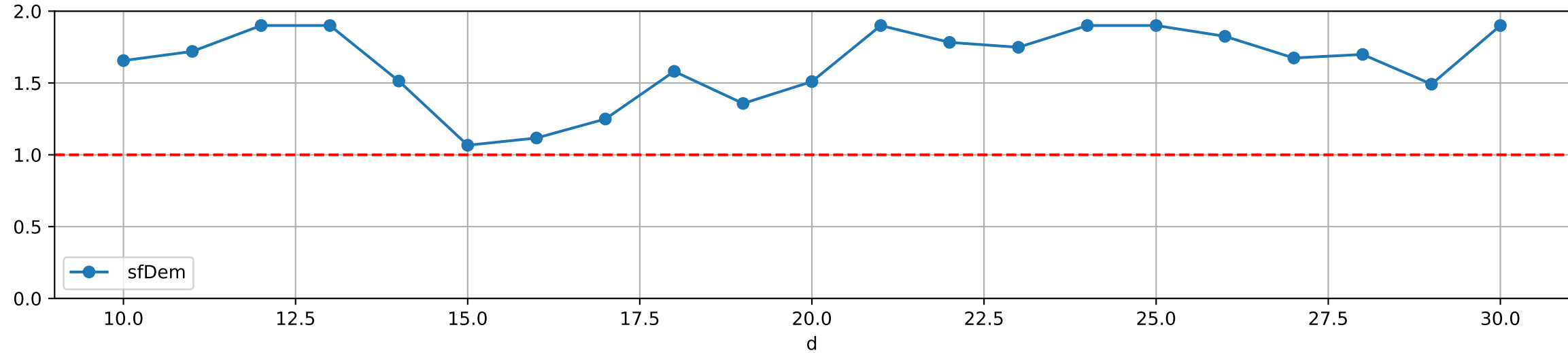
dStH: D_Q50_StH



dStH: D_Est_StH

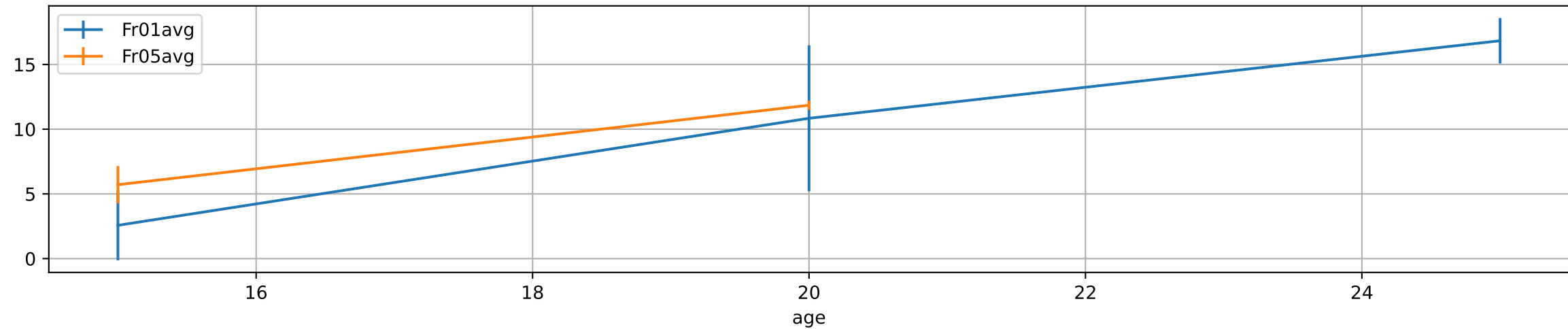


dStH: sfDem



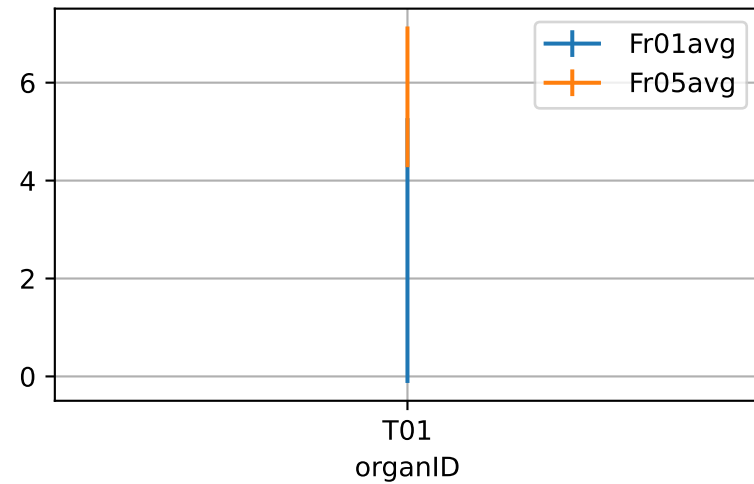


FrV: Fr01 vs Fr05 at each truss
organID=T01

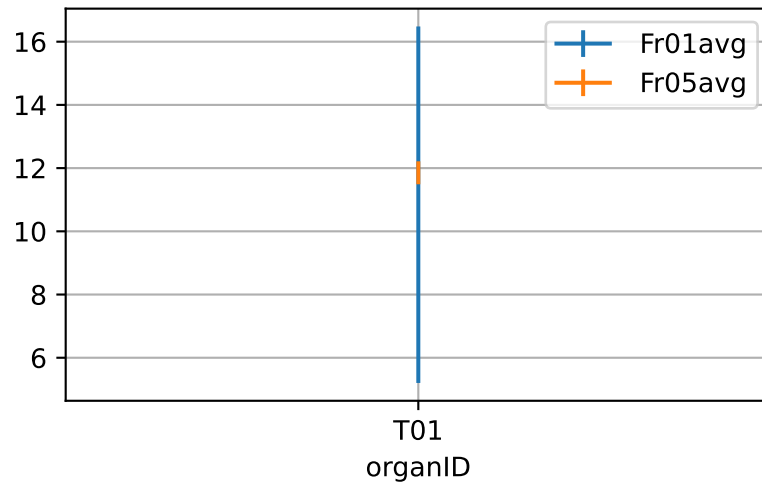


FrV trend at each age

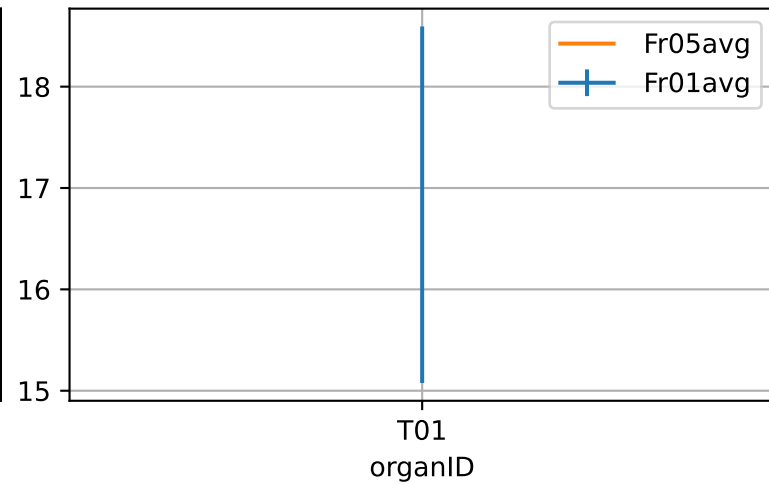
age=15



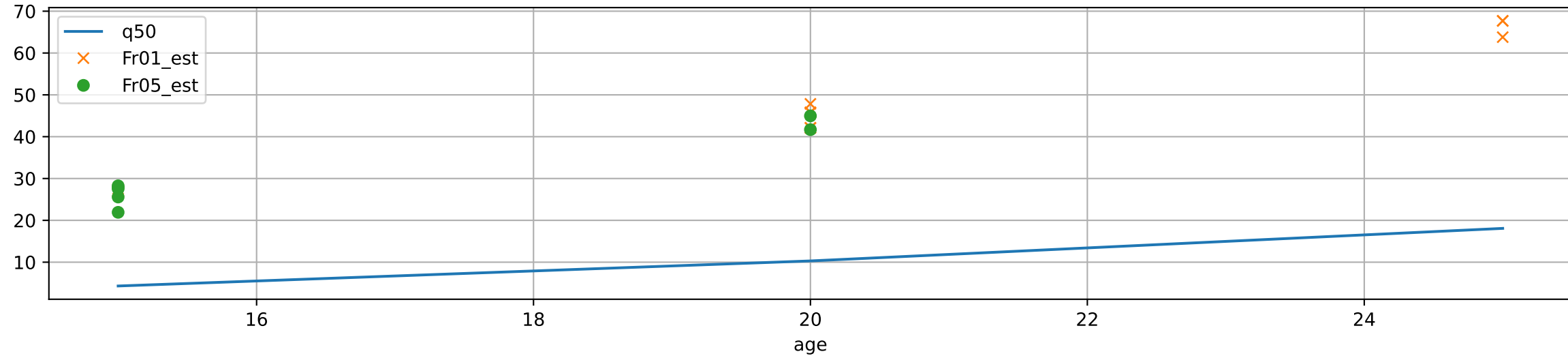
age=20



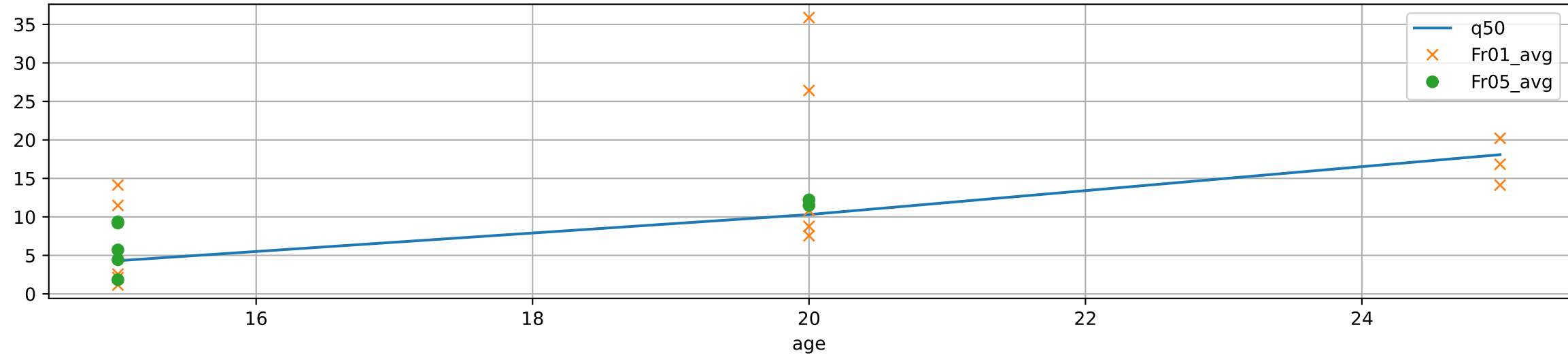
age=25



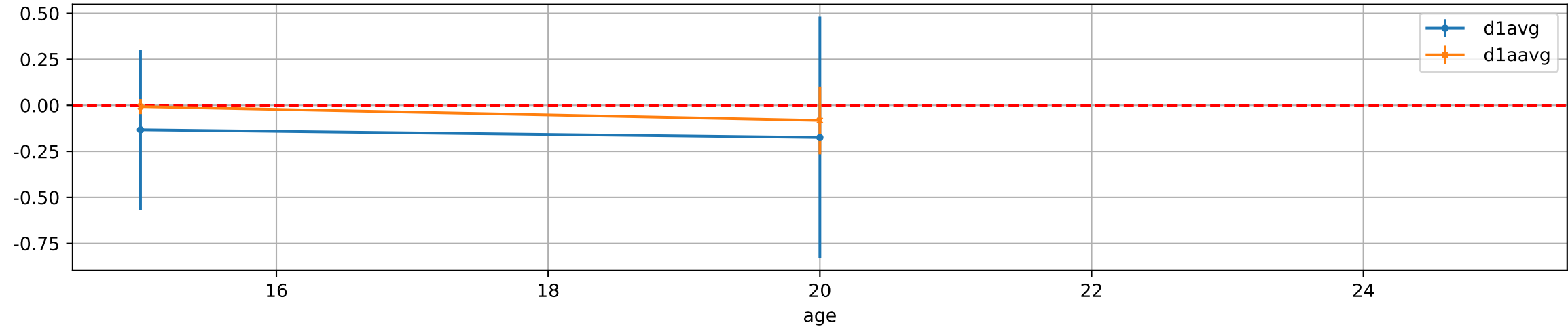
FrV: model Est vs obsFrV at Q90



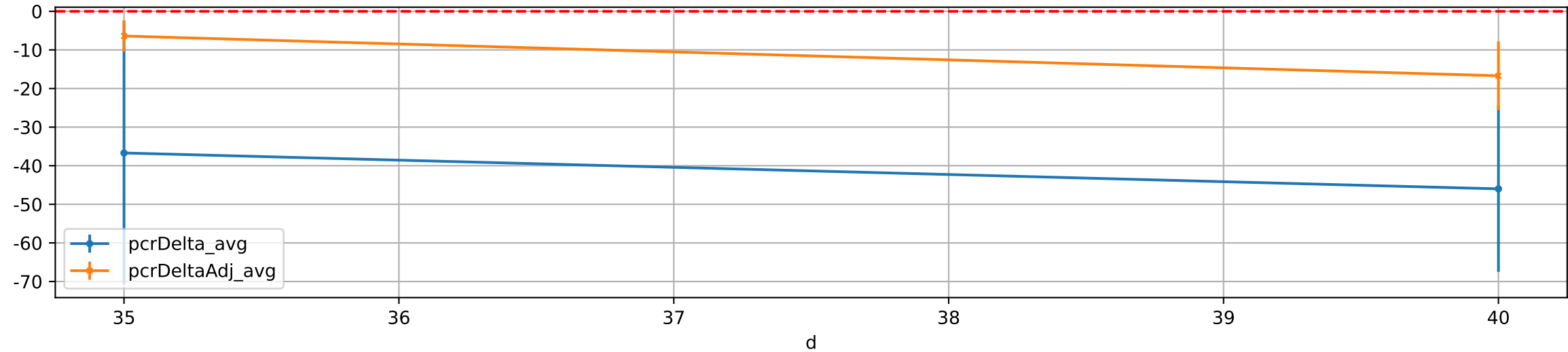
FrV: obsFrV vs obsFrV@Q90



FrV: D_Fr1_FrV
organID=1

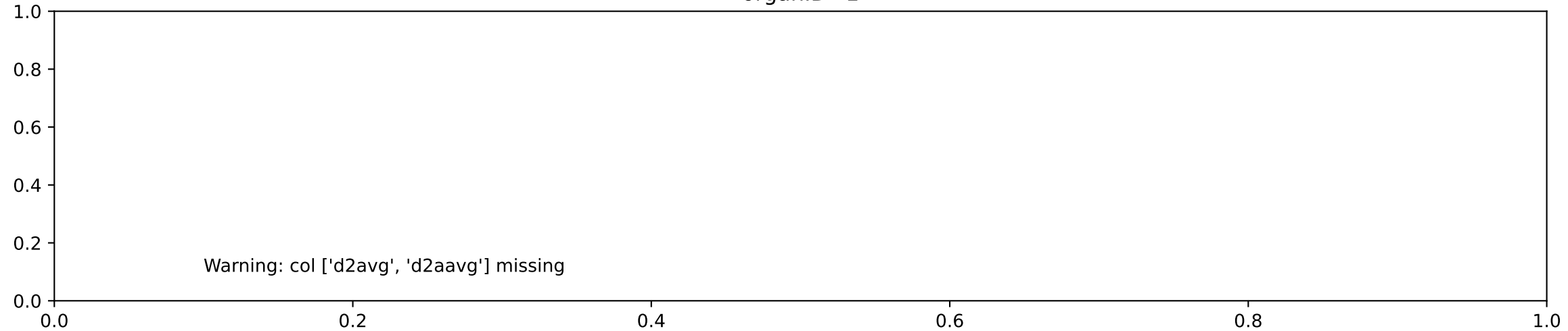


P10AE FrV: D_Fr1_FrV

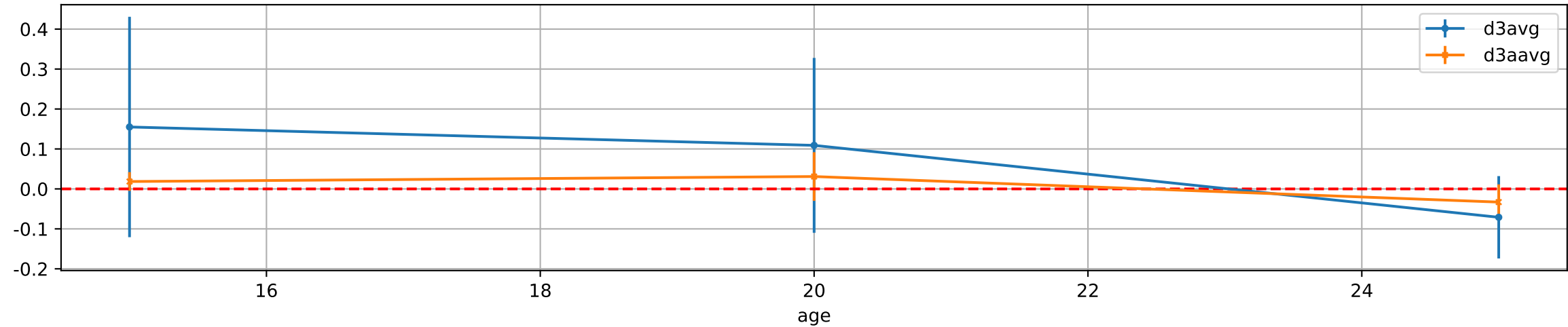


FrV: D_Ts_FrV
organID=1

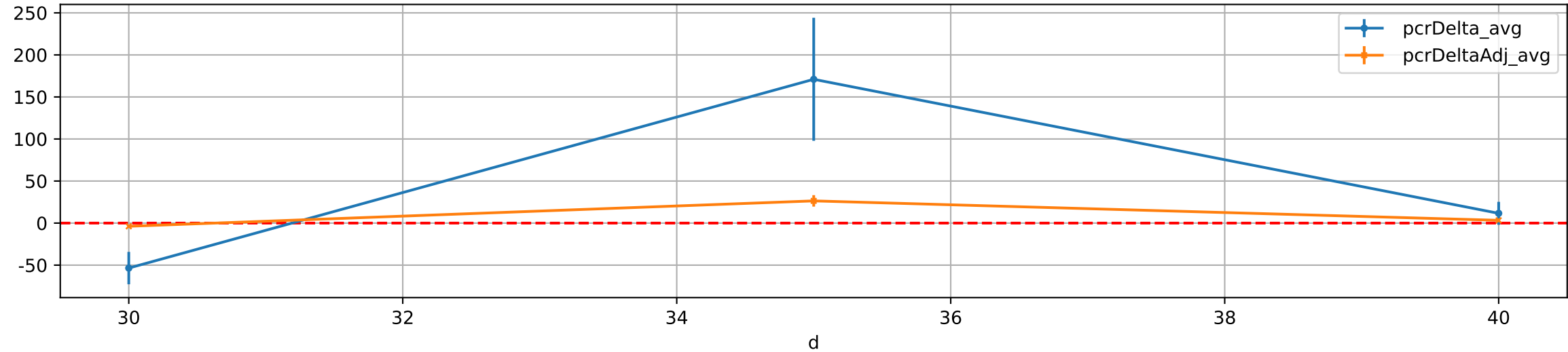
Warning: col ['d2avg', 'd2aavg'] missing



FrV: D_Q50_FrV
organID=1



P10AE FrV: D_Q50_FrV



FrV: D_Est_FrV
organID=1

