

Phenotype Data Analysis Plots

PhenoData day range = 5 - 42

Analysis cutoff day = 42

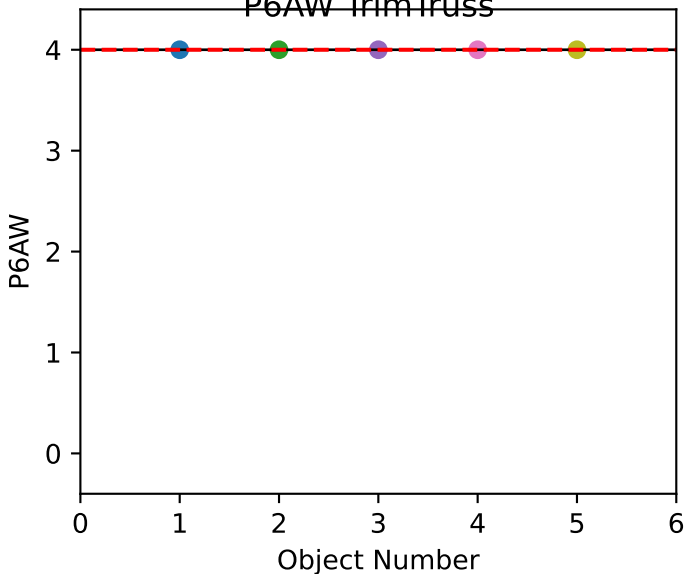
NC11 P6

2025-05-18 (Day 43)

TrussNodeMaxPerStem (Def=4.0 Set=4)

avg1=4.0~0% avg2=na

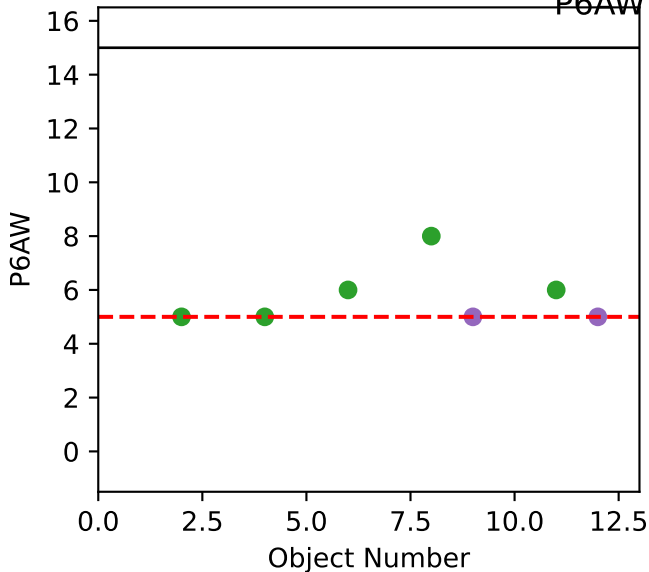
P6AW TrimTruss



FruitNumAvgPerTruss (Def=15 Set=5)

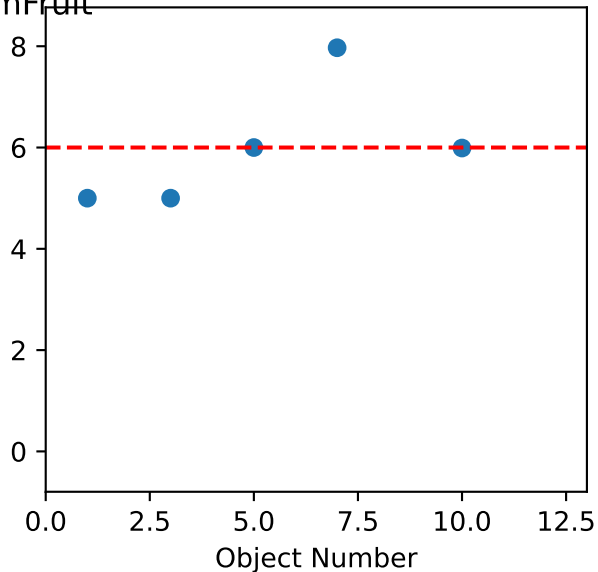
avg1=5.0~10% avg2=na

P6AW TrimFruit

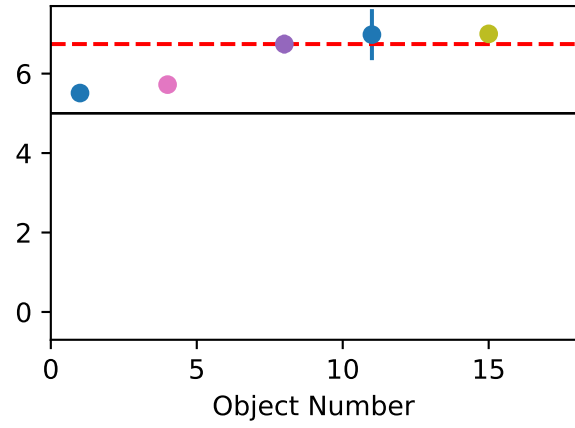


FruitNumMaxPerTruss (Def=na Set=6)

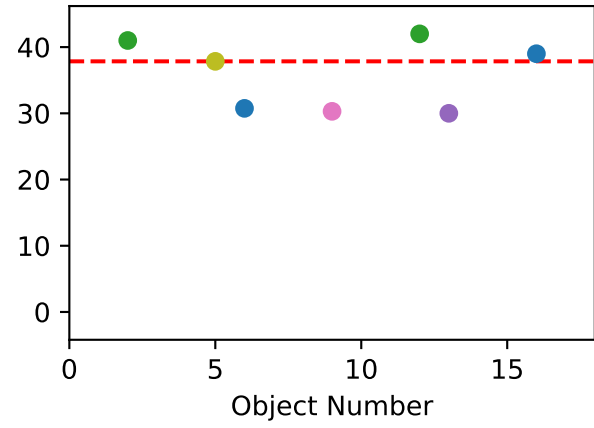
avg1=6.0~10% avg2=na



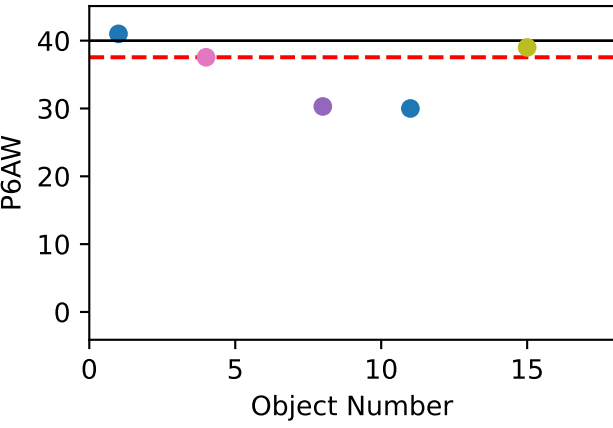
NdL_Q90AbsY (Def=5 Set=6.74)
avg1=6.74~11% avg2=na



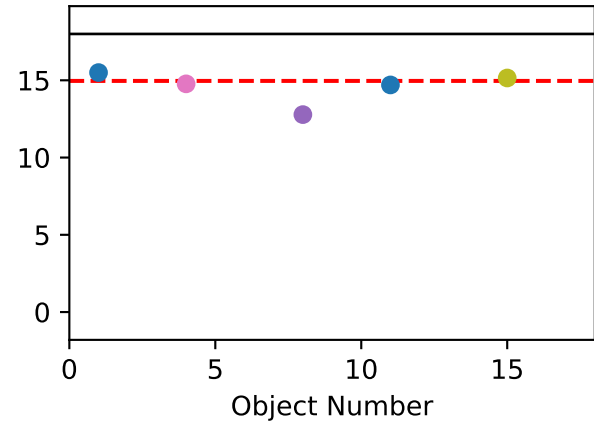
LfL_avgAbsY (Def=na Set=37.85)
avg1=37.85~14% avg2=na



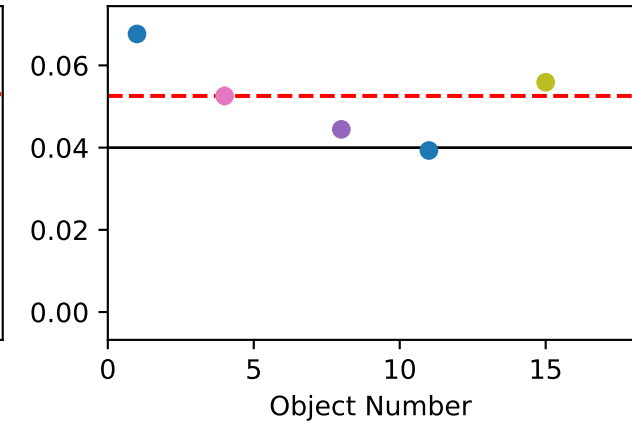
LfL_Q90AbsY (Def=40 Set=37.55)
avg1=37.55~14% avg2=na



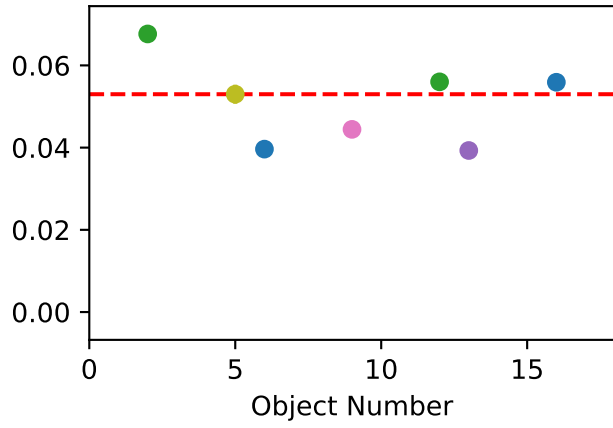
NdD_Q90AbsY (Def=18 Set=14.96)
avg1=14.96~2% avg2=na



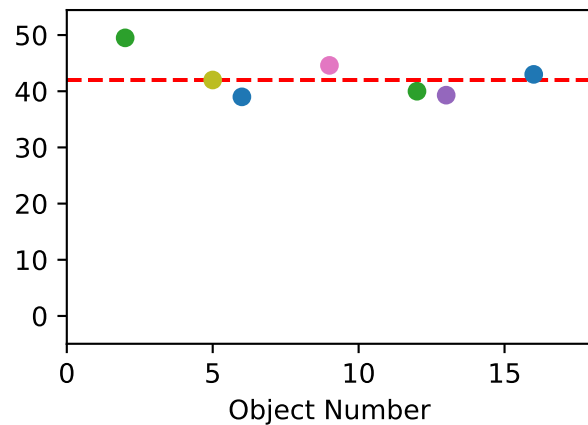
LfA_Q90AbsY (Def=0.04 Set=0.05)
avg1=0.05~21% avg2=na



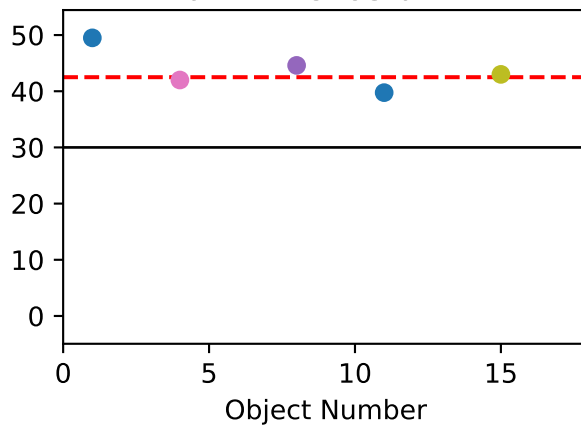
LfA_avgAbsY (Def=na Set=0.05)
avg1=0.05~19% avg2=na



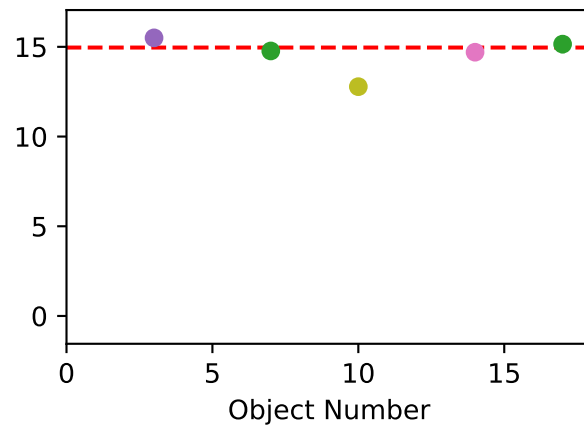
LfW_avgAbsY (Def=na Set=42.0)
avg1=42.0~9% avg2=na



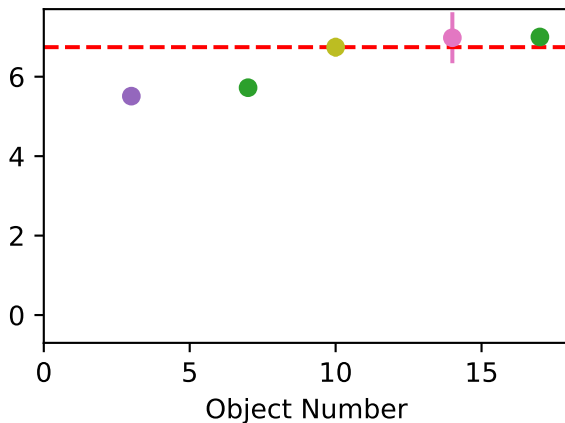
LfW_Q90AbsY (Def=30 Set=42.5)
avg1=42.5~5% avg2=na



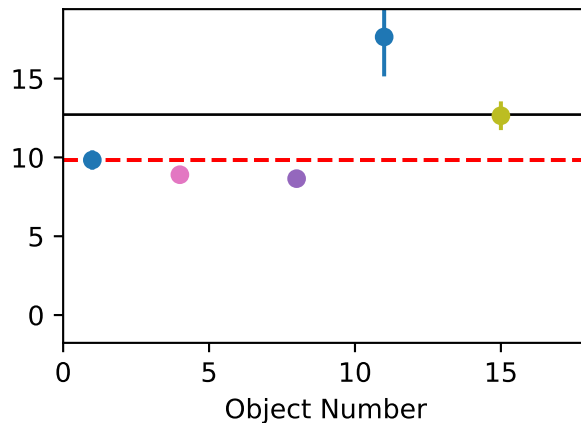
NdD_avgAbsY (Def=na Set=14.96)
avg1=14.96~2% avg2=na



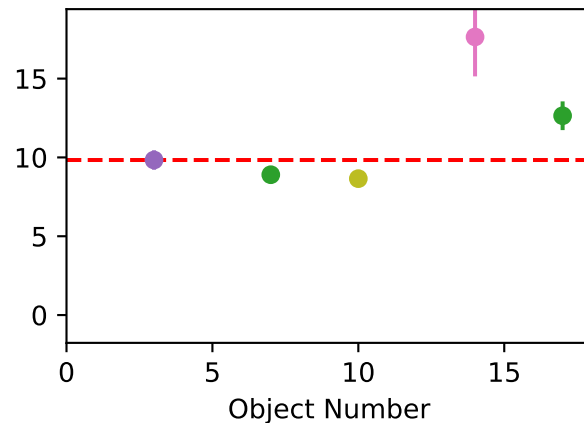
NdL_avgAbsY (Def=na Set=6.74)
avg1=6.74~11% avg2=na



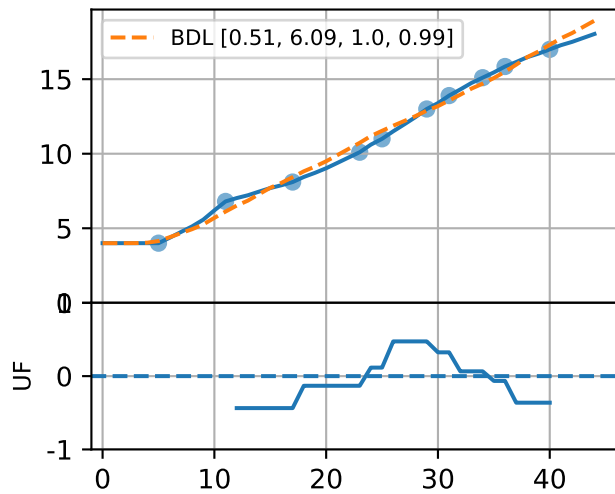
NdV_Q90AbsY (Def=12.72 Set=9.84)
avg1=9.84~38% avg2=na



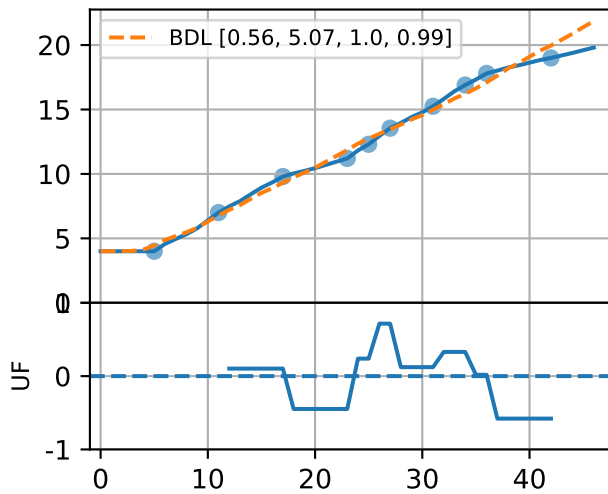
NdV_avgAbsY (Def=na Set=9.84)
avg1=9.84~38% avg2=na



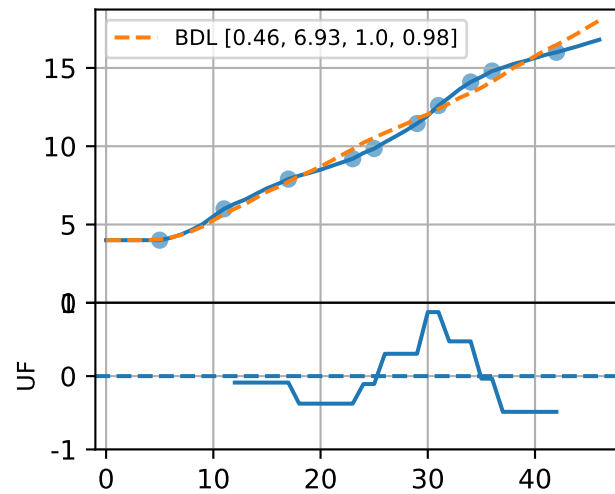
P6AW-058-22 (fit failed)



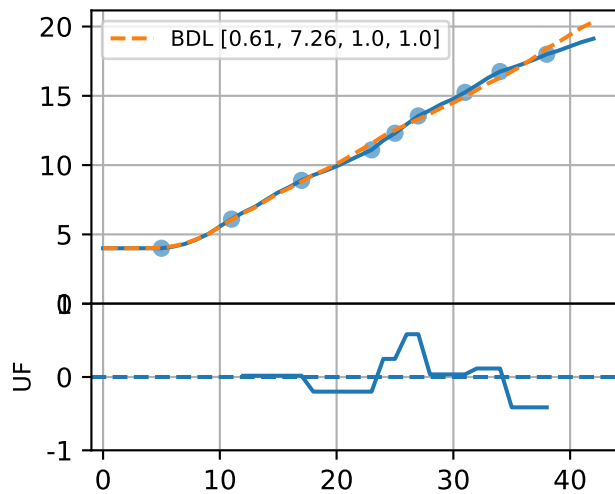
P6AW-074-19 (fit failed)



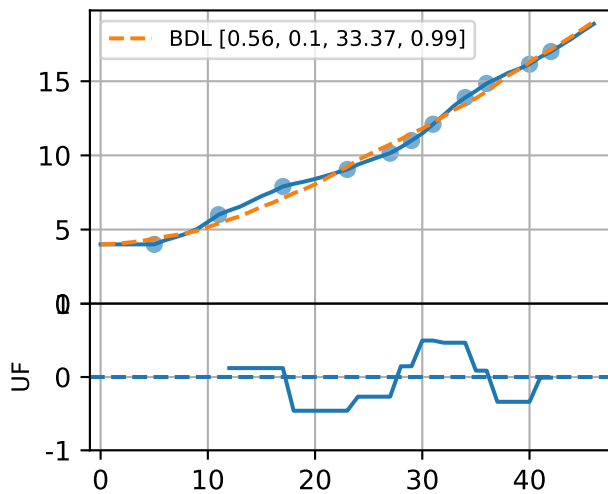
P6AW-087-14 (fit failed)



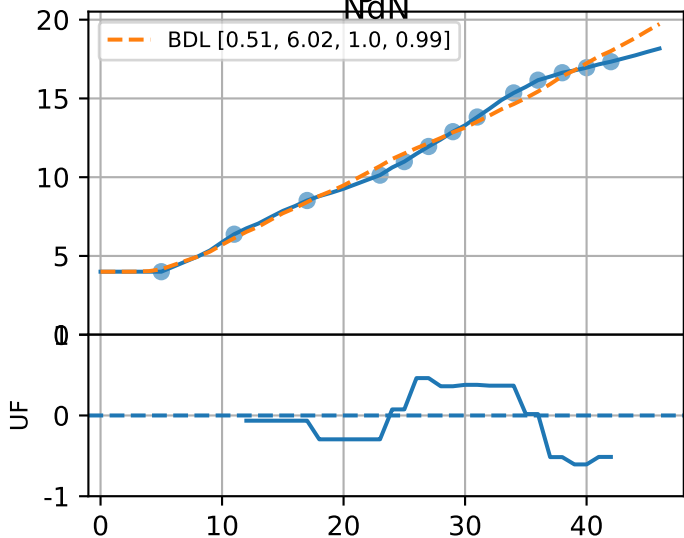
P6AW-095-29 (fit failed)



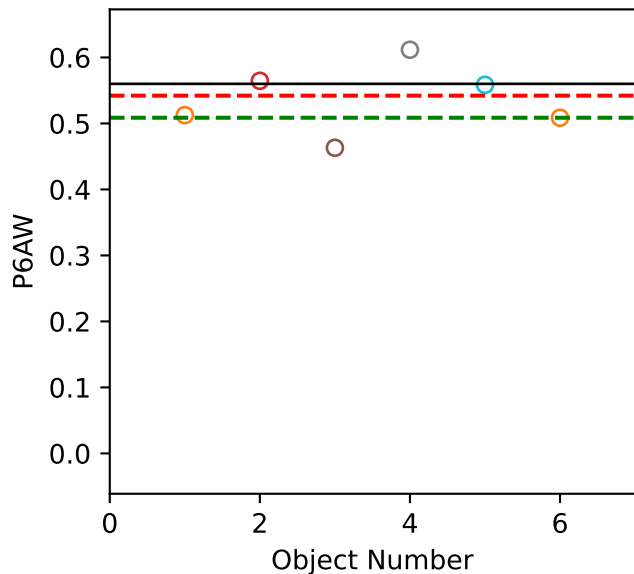
P6AW-106-11 (fit failed)



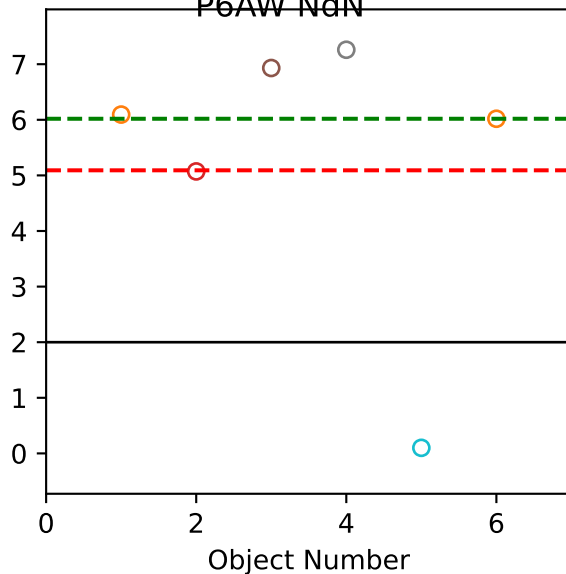
P6AWayg (fit failed)



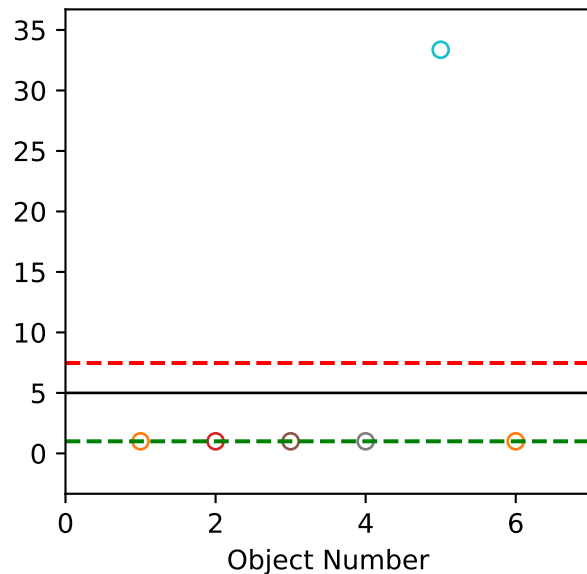
a (Def=0.56 Set=0.51)
avg1=0.54(fail) avg2=0.51



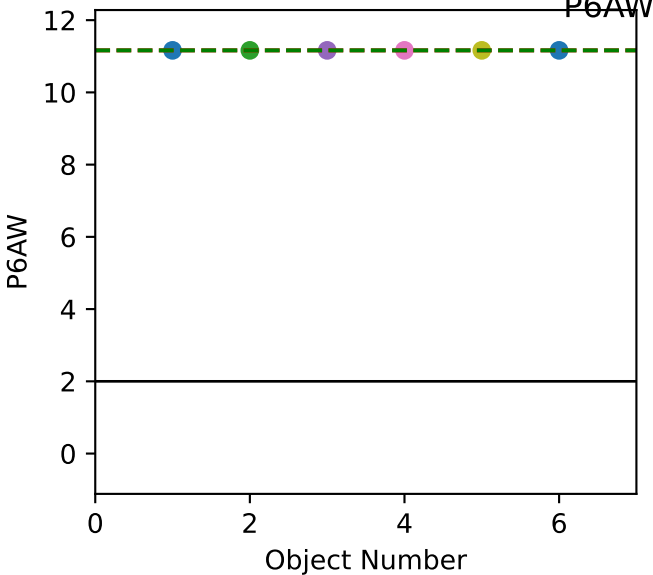
dm (Def=2 Set=6.02)
avg1=5.09(fail) avg2=6.02



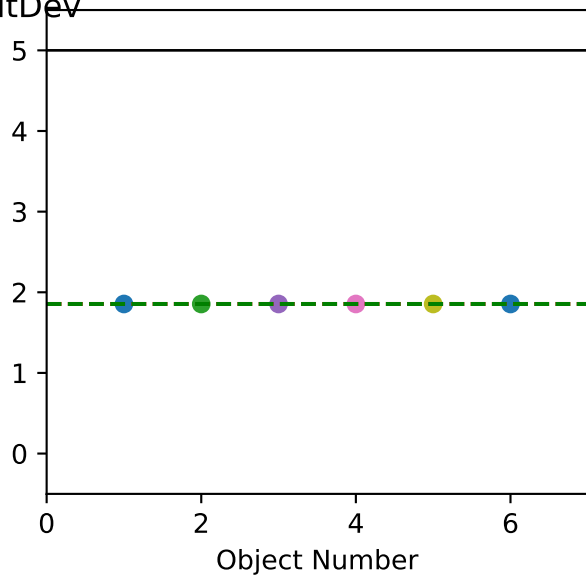
de (Def=5 Set=1.0)
avg1=7.47(fail) avg2=1.0



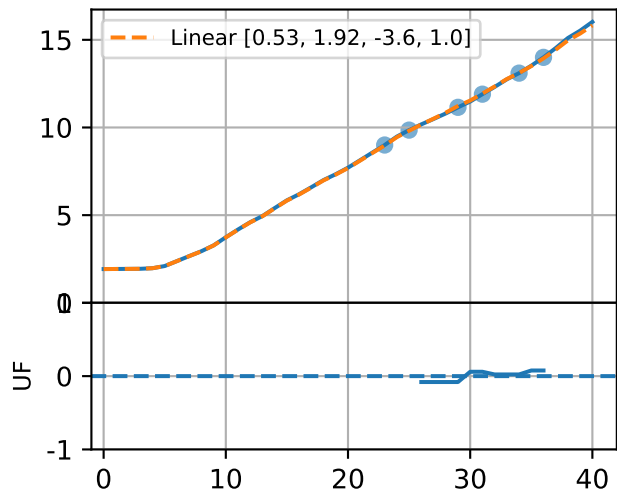
InitDev_dm (Def=2 Set=11.16)
avg1= $\bar{11.16} \sim 0\%$ avg2=11.16



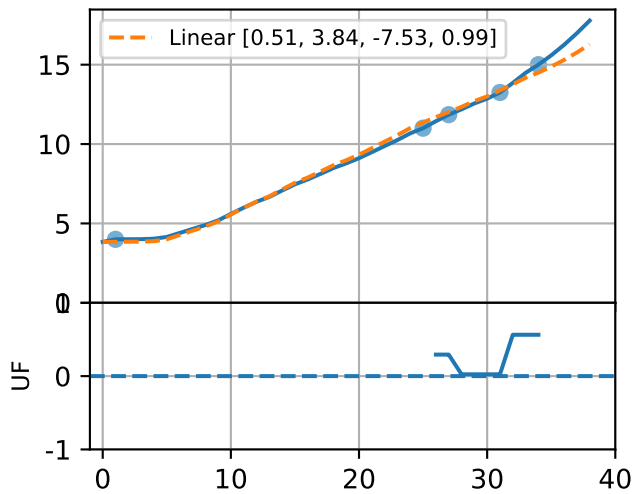
InitDev_de (Def=5 Set=1.85)
avg1= $\bar{1.85} \sim 0\%$ avg2=1.85



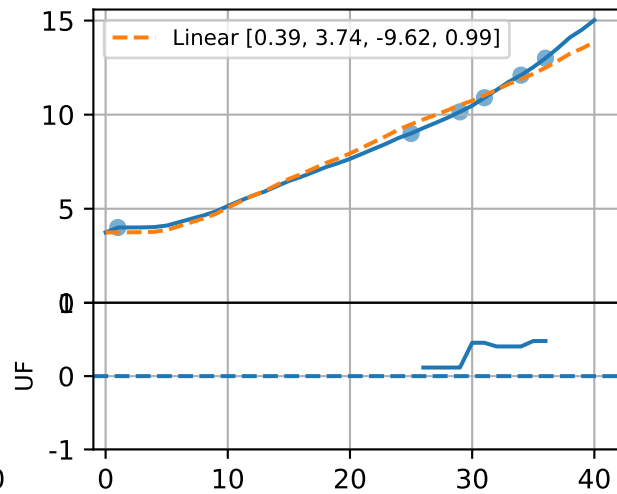
P6AW-058-22



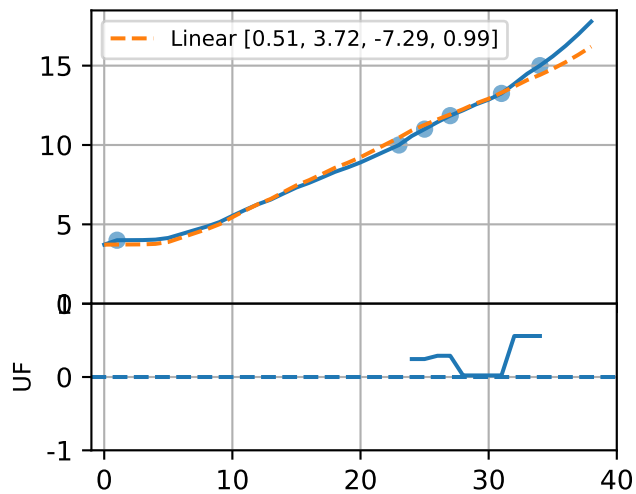
P6AW-074-9



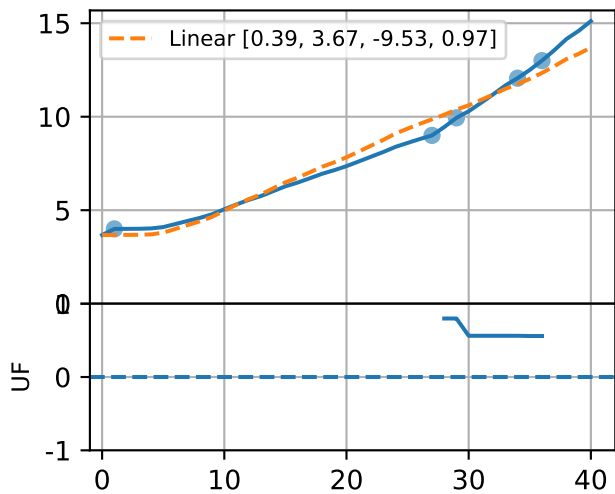
P6AW-087-14



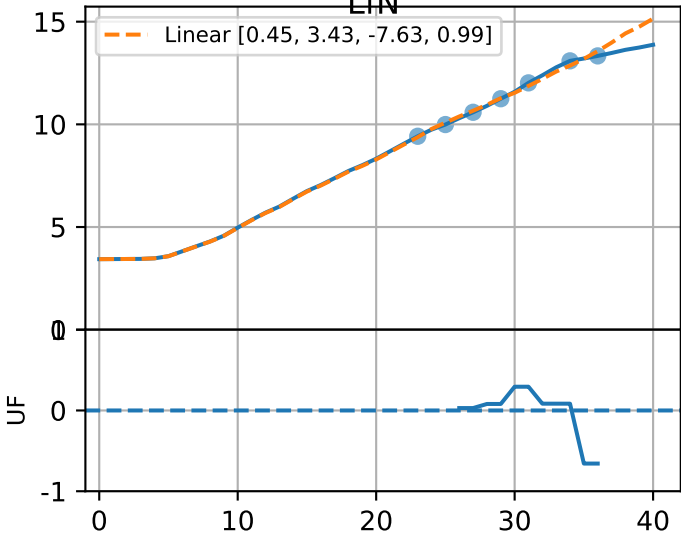
P6AW-095-29



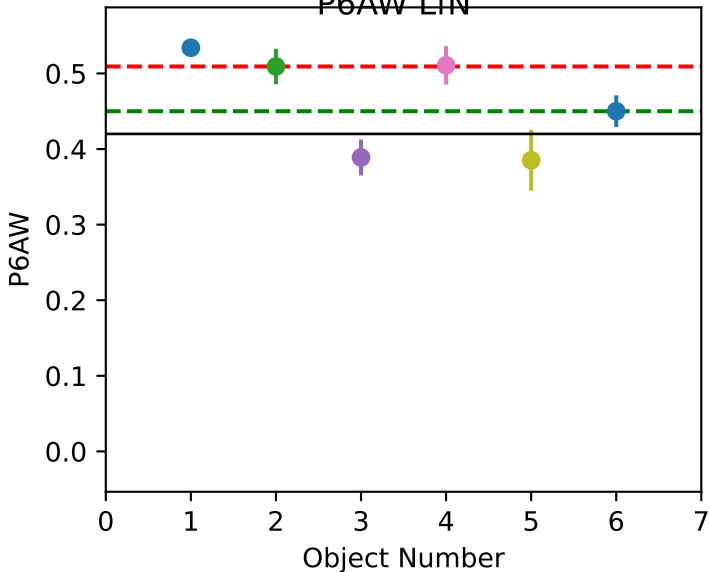
P6AW-106-11



P6AWavg LfN

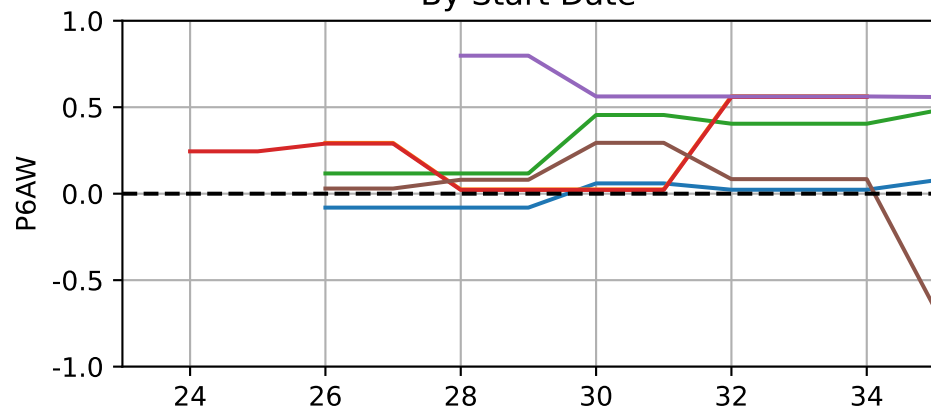


a (Def=0.42 Set=0.45)
avg1=0.51~14% avg2=0.45~10%
P6AW Lin

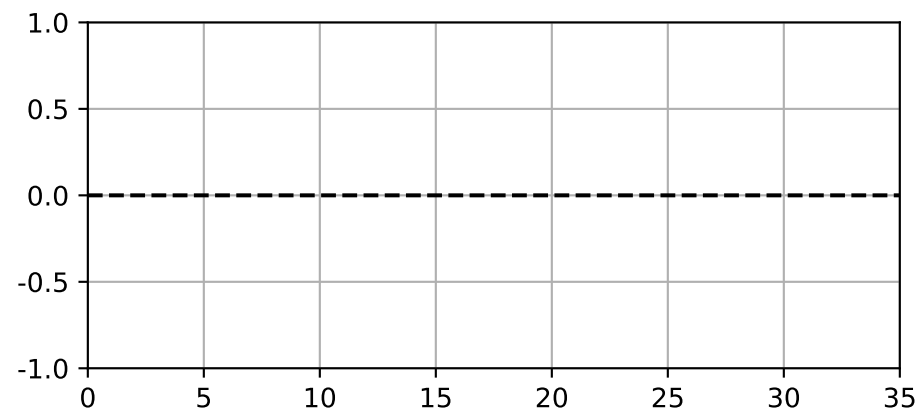
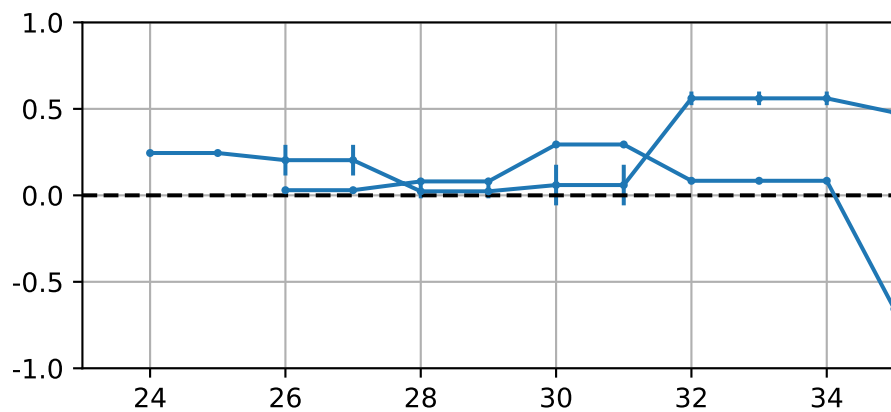
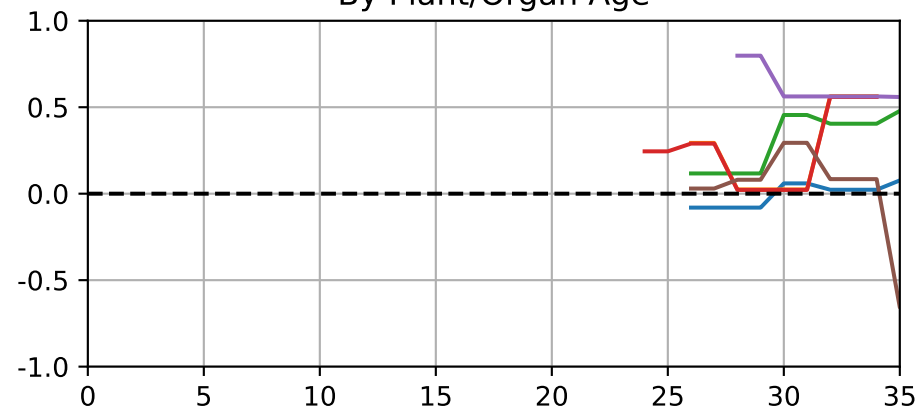


LfN

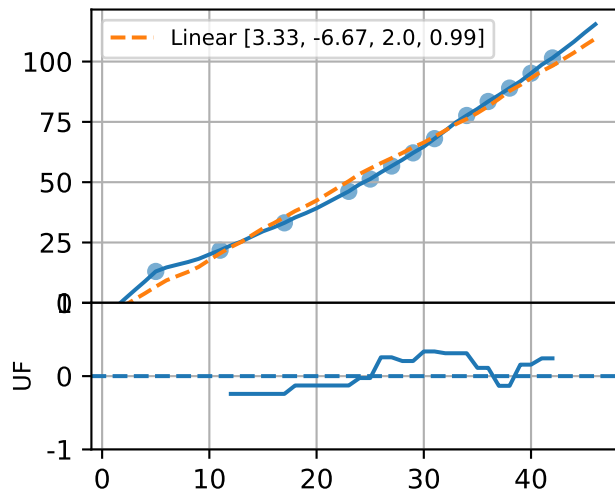
By Start Date



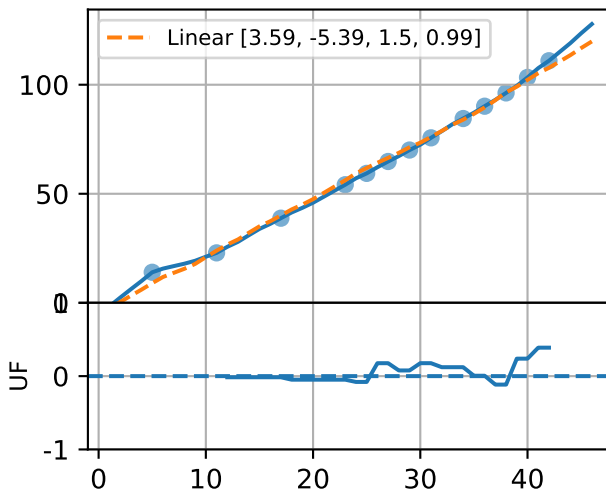
By Plant/Organ Age



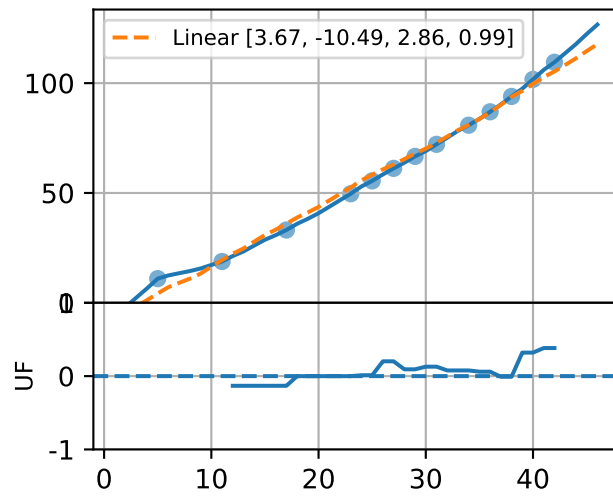
P6AW-058-22



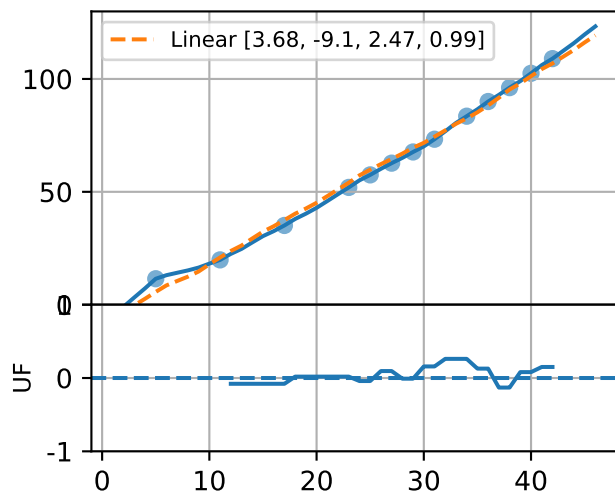
P6AW-074-9



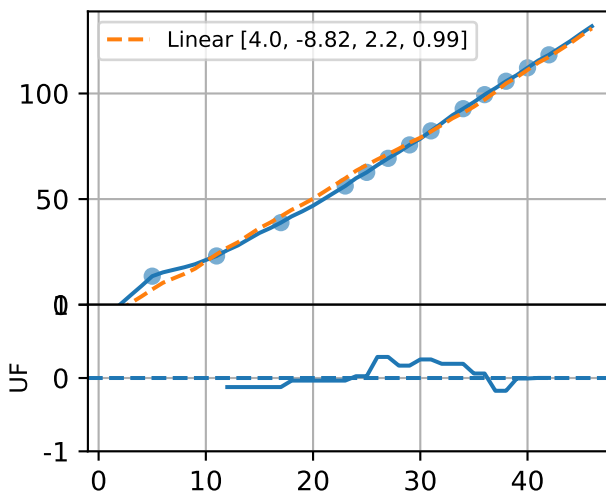
P6AW-087-14



P6AW-095-29

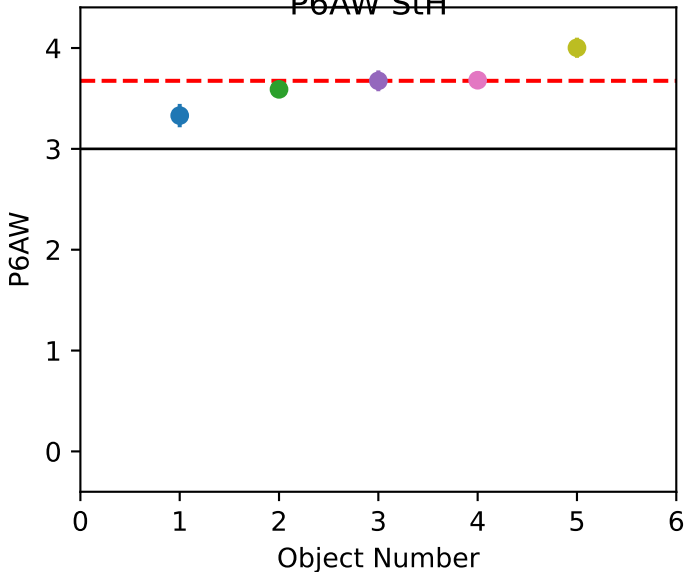


P6AW-106-11



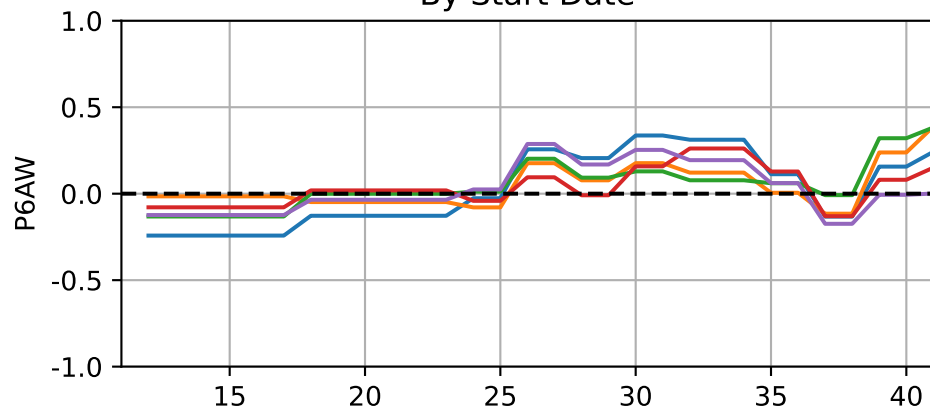
a (Def=3 Set=3.67)
avg1=3.67~1% avg2=na

P6AW StH

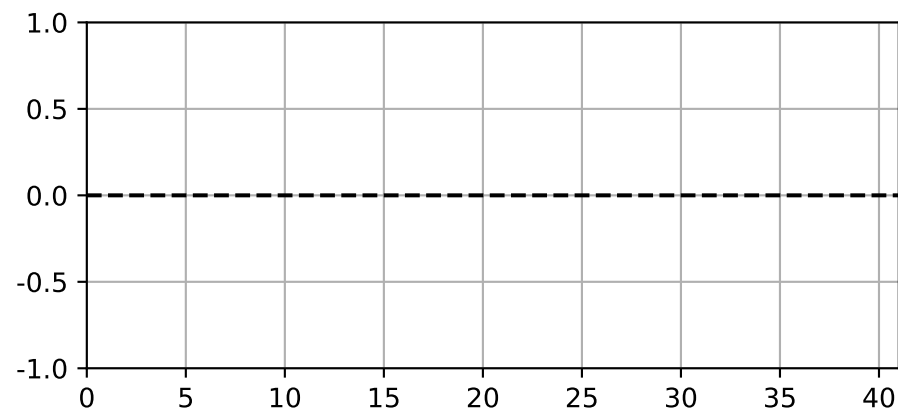
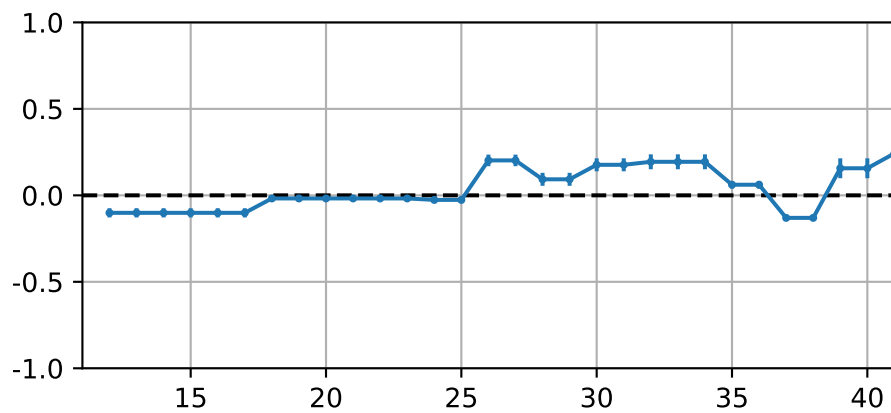
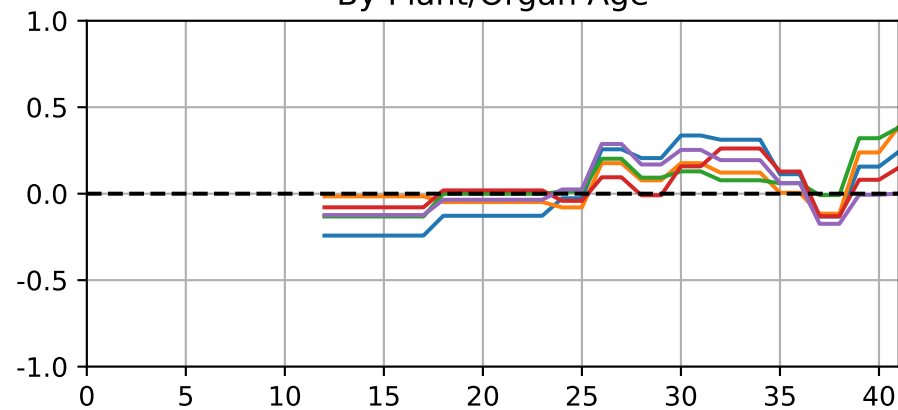


StH

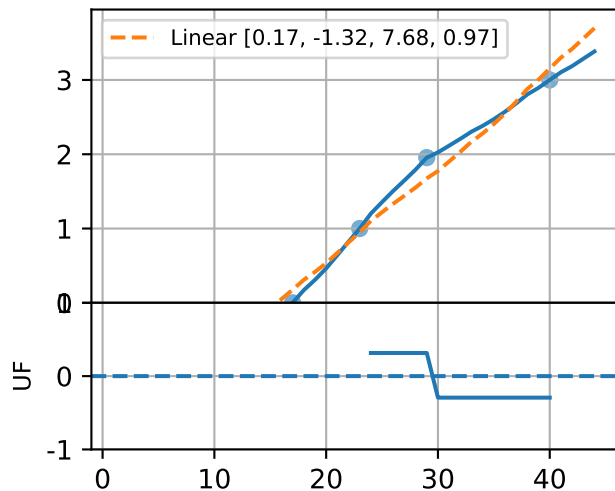
By Start Date



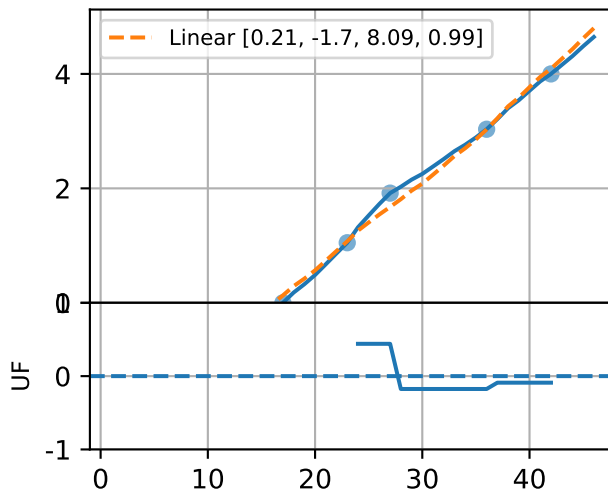
By Plant/Organ Age



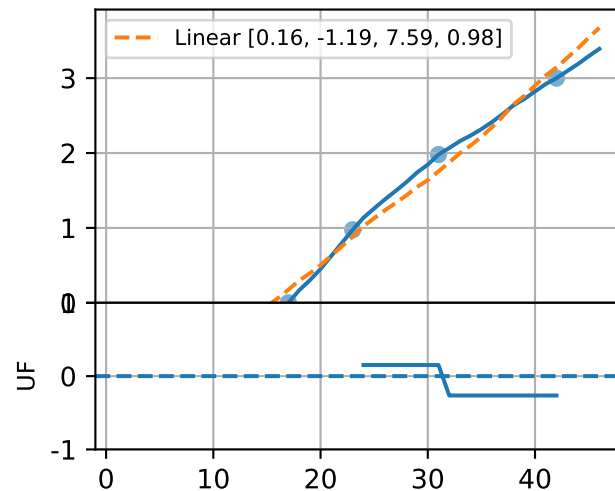
P6AW-058-22



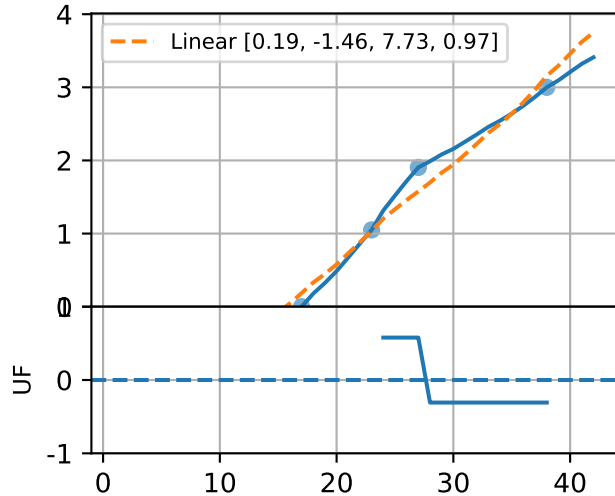
P6AW-074-9



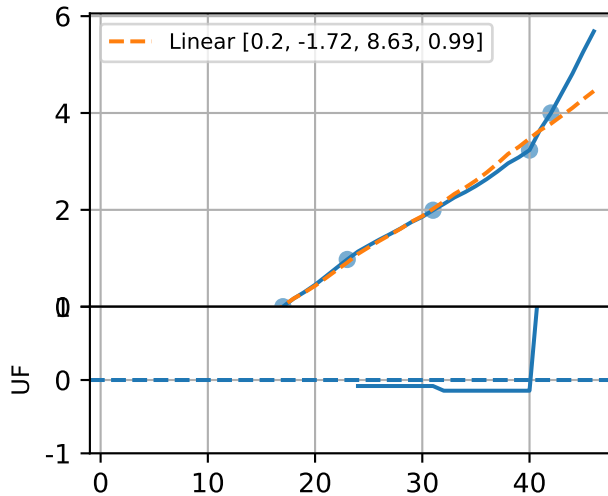
P6AW-087-14



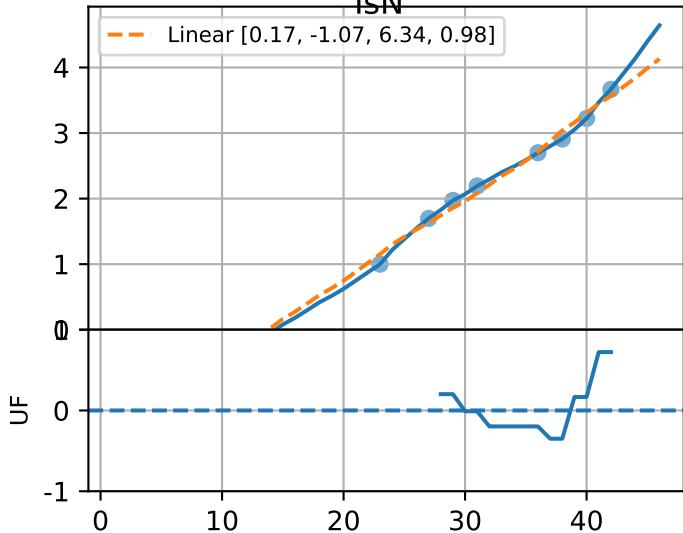
P6AW-095-29



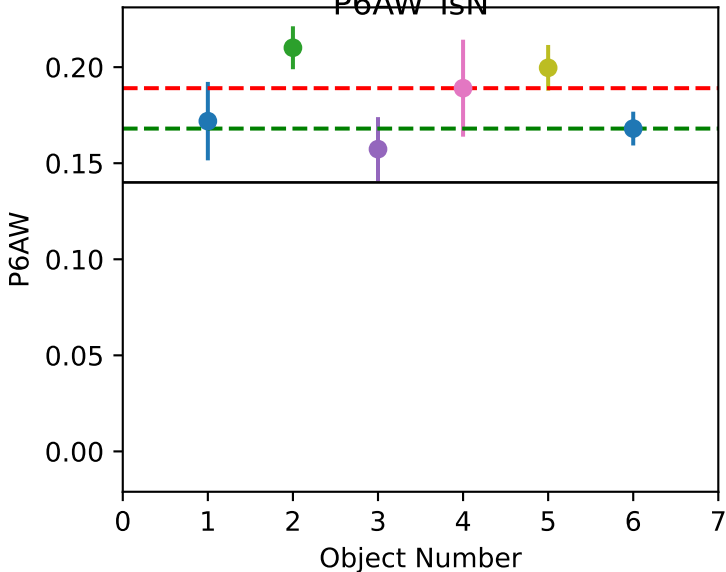
P6AW-106-11



P6AWavg TSN

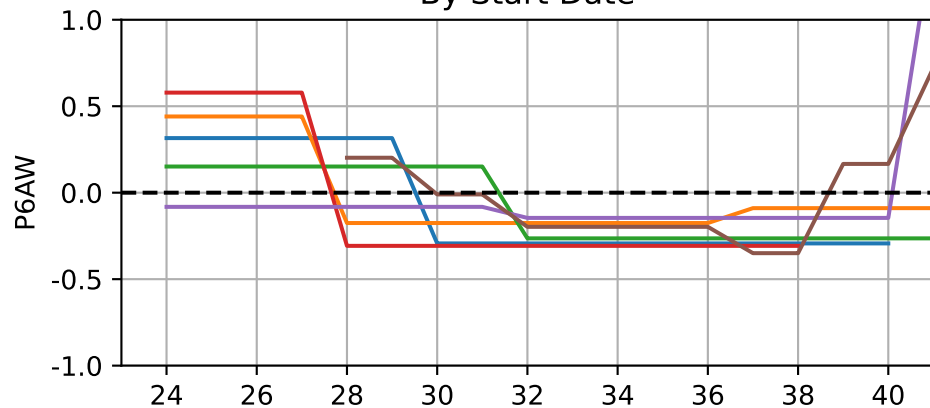


a (Def=0.14 Set=0.17)
avg1=0.19~11% avg2=0.17~12%

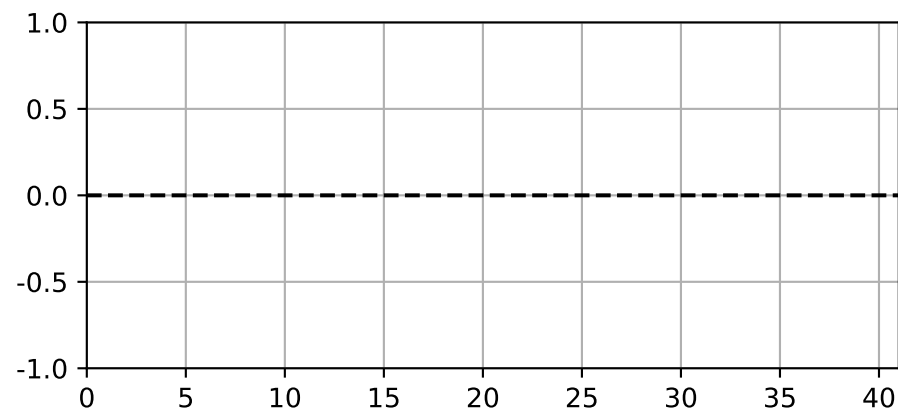
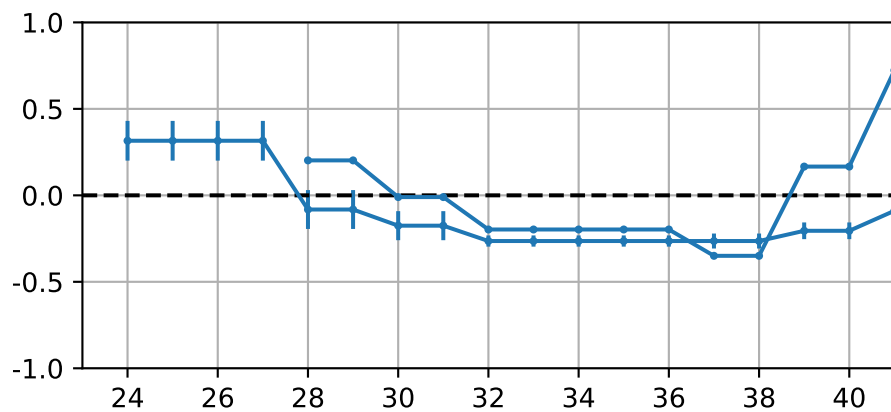
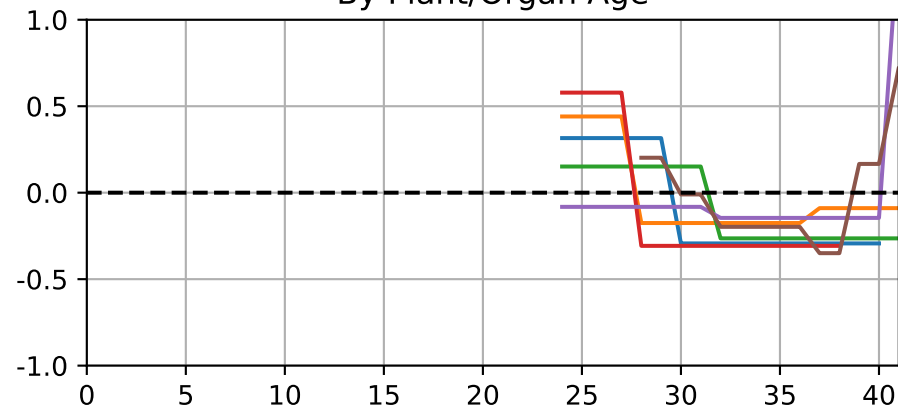


TsN

By Start Date

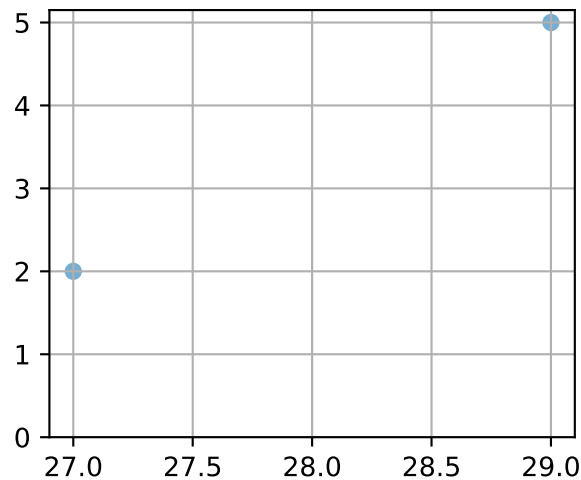


By Plant/Organ Age

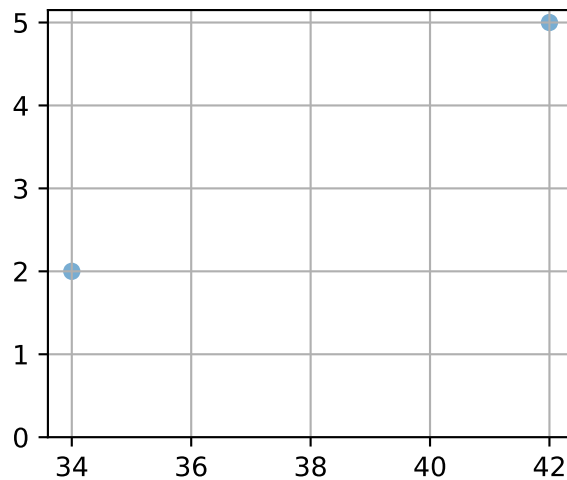


FN

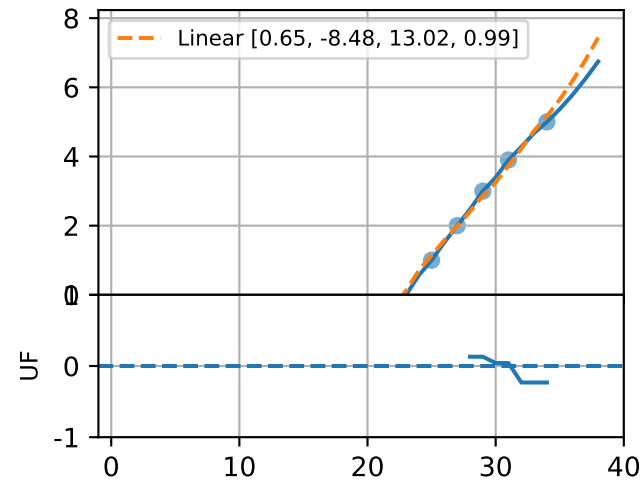
P6AW-058-22T1 (fit failed)



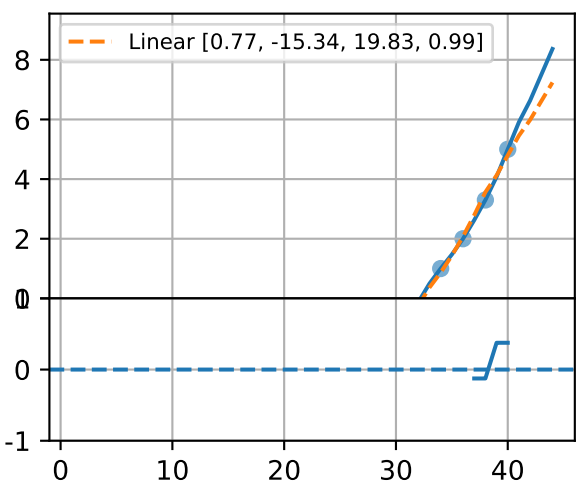
P6AW-058-22T2 (fit failed)



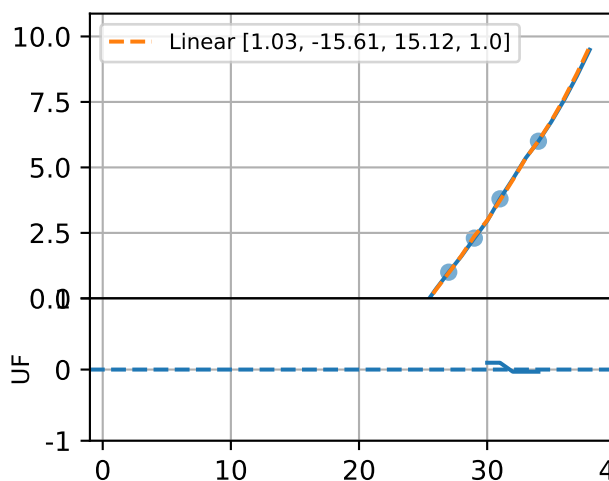
P6AW-074-9T1



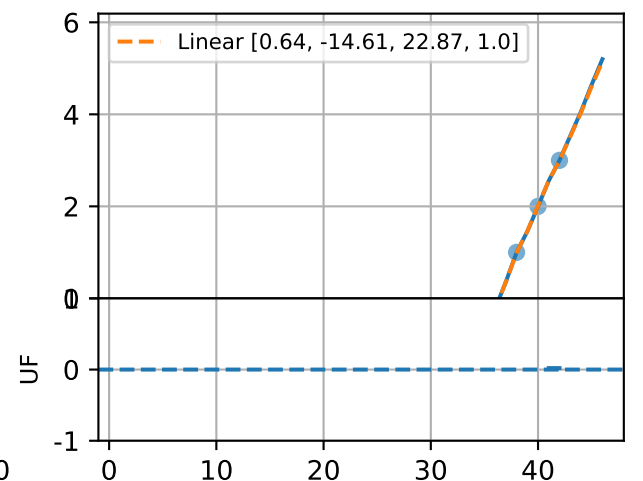
P6AW-074-9T2



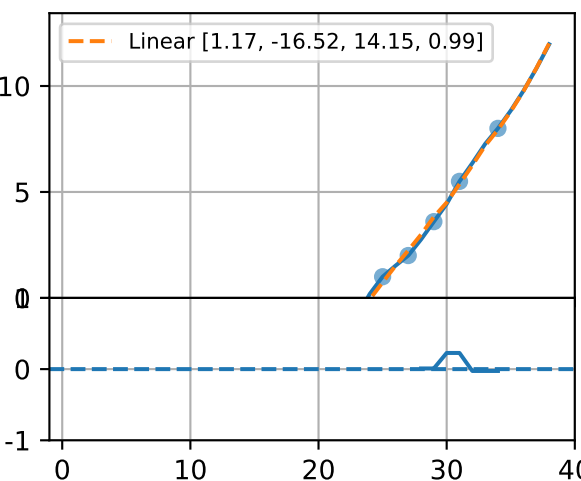
P6AW-087-14T1



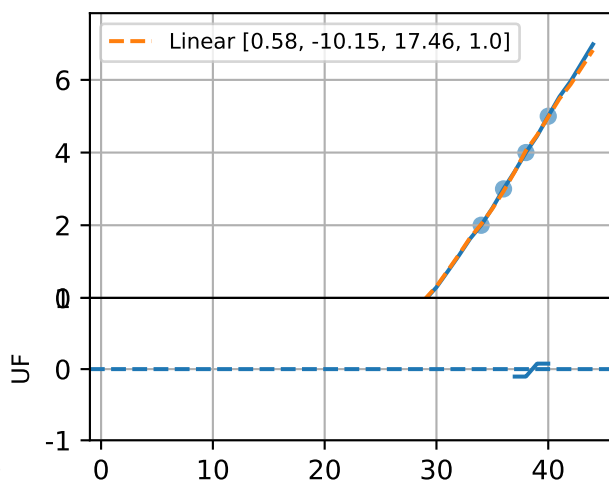
P6AW-087-14T2



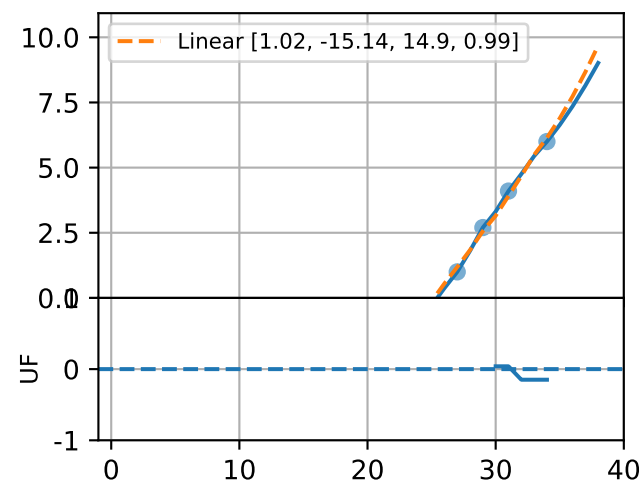
P6AW-095-29T1



P6AW-095-29T2

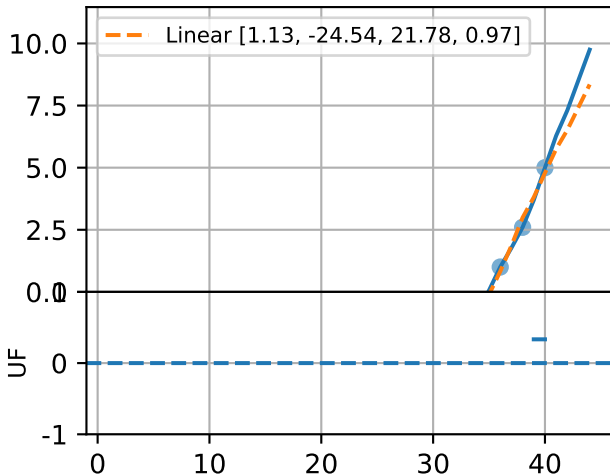


P6AW-106-11T1

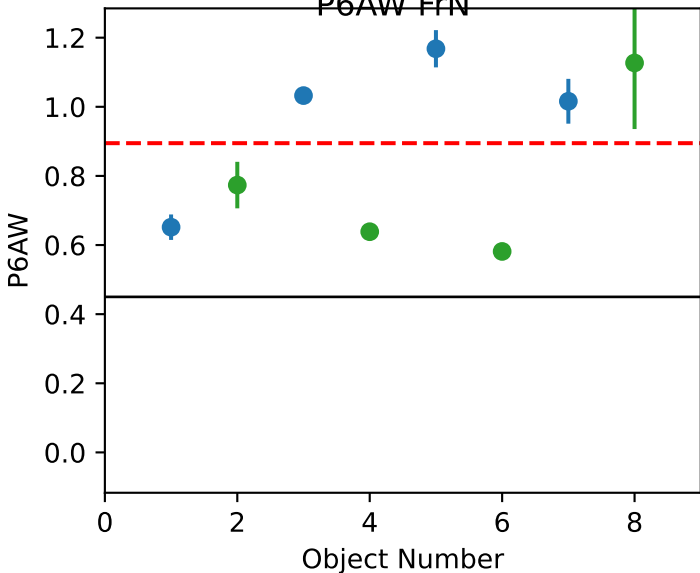


P6AW-106-11T2

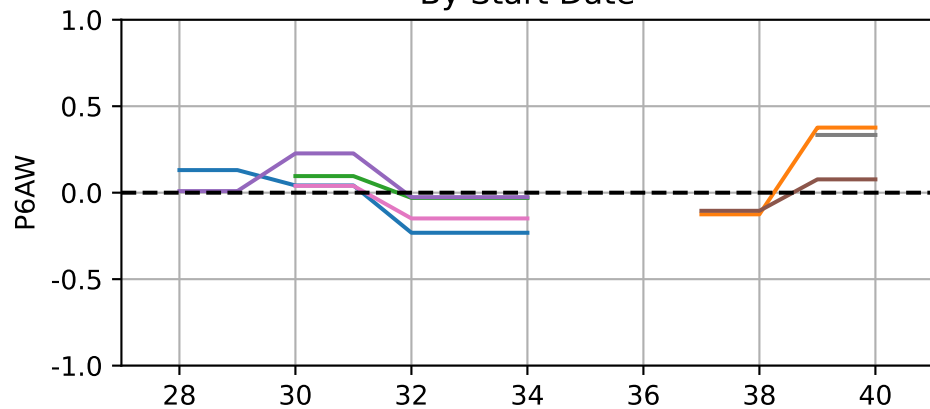
FrN



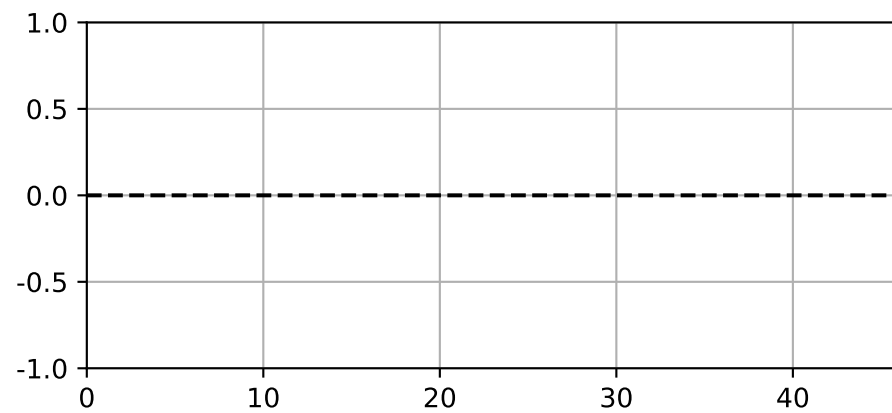
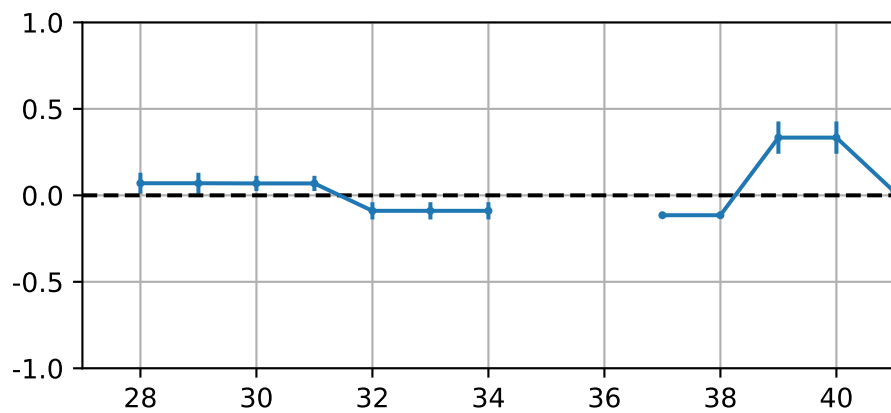
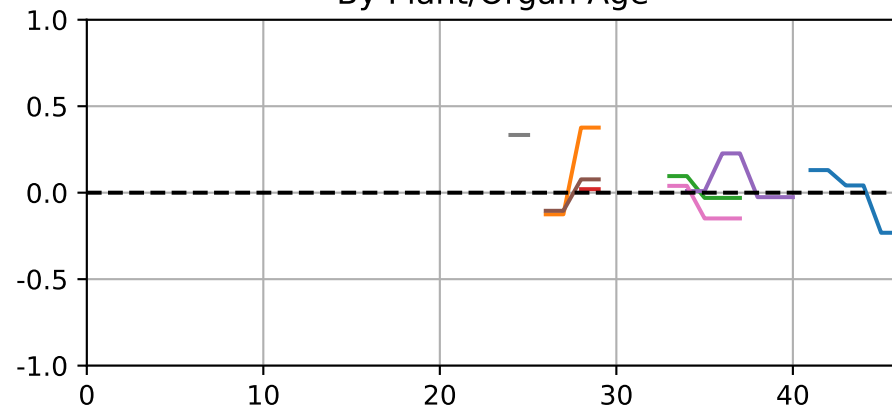
a (Def=0.45 Set=0.89)
avg1=0.89~27% avg2=na
P6AW FrN



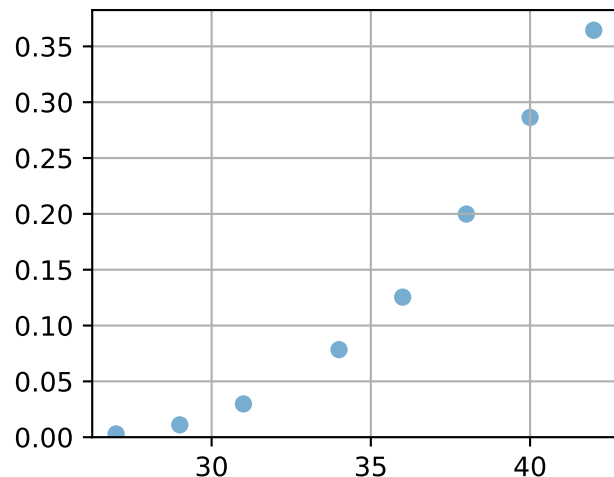
By Start Date



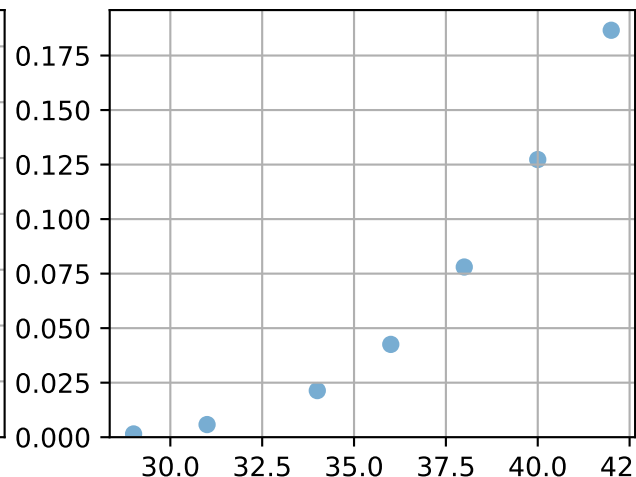
By Plant/Organ Age



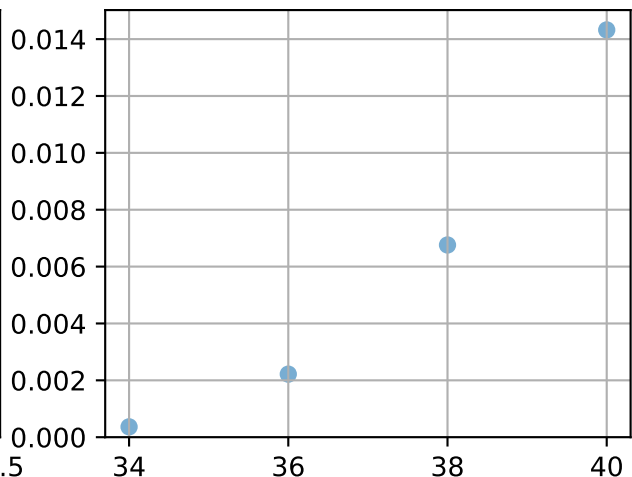
P6AW-058-22T1Fr1 (fit failed)



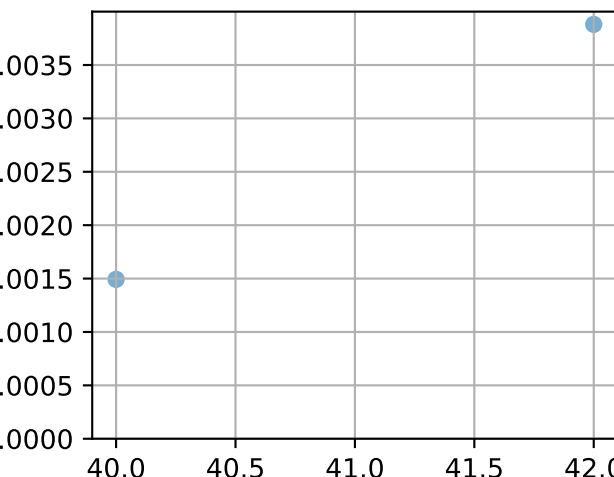
P6AW-058-22T1Fr5 (fit failed)



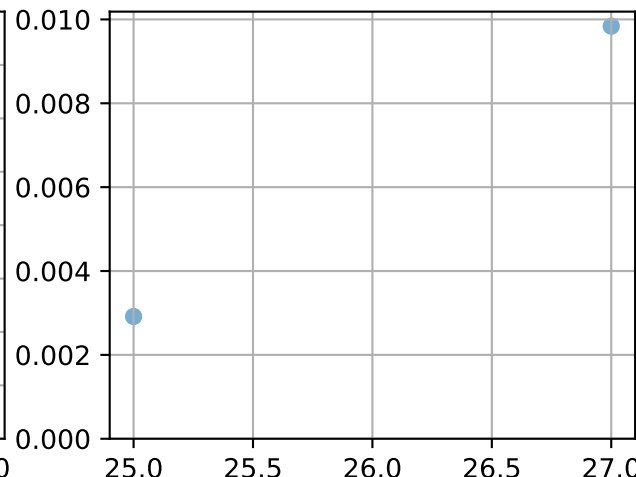
P6AW-058-22T2Fr1 (fit failed)



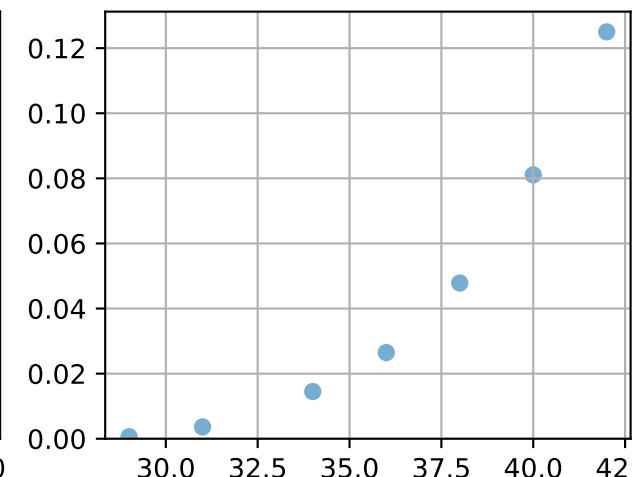
P6AW-058-22T2Fr5 (fit failed)



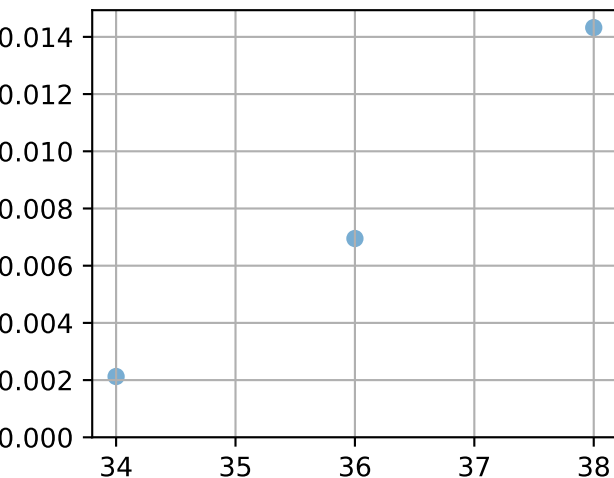
P6AW-074-9T1Fr1 (fit failed)



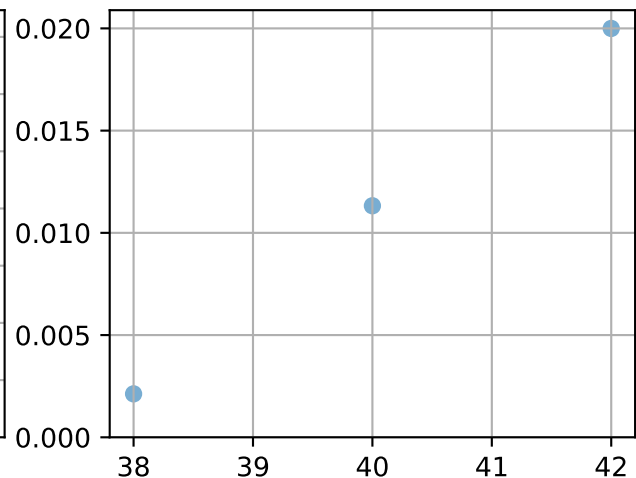
P6AW-074-9T1Fr5 (fit failed)



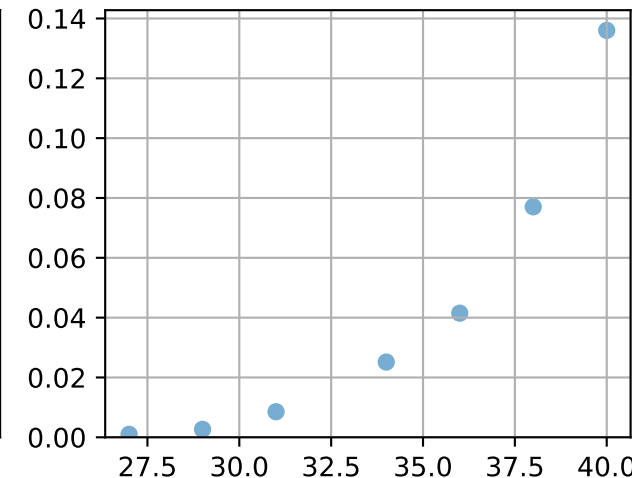
P6AW-074-9T2Fr1 (fit failed)



P6AW-074-9T2Fr5 (fit failed)

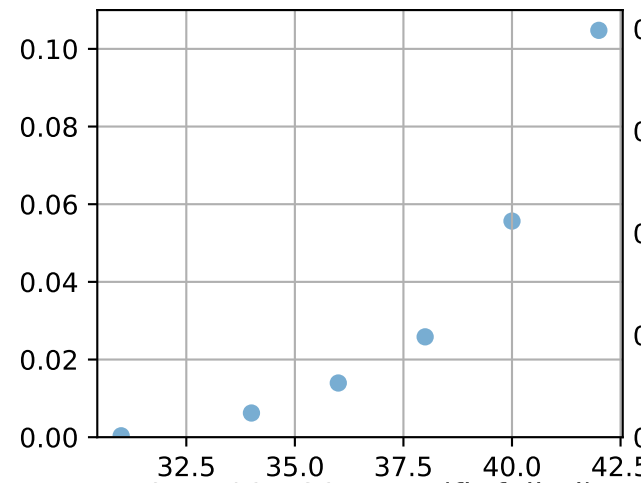


P6AW-087-14T1Fr1 (fit failed)

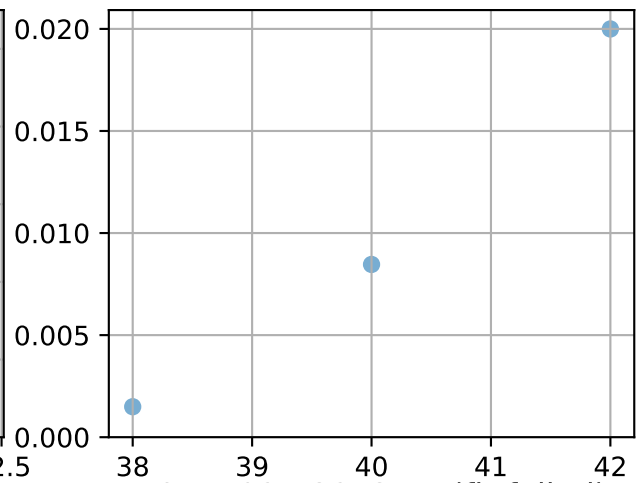


FrV

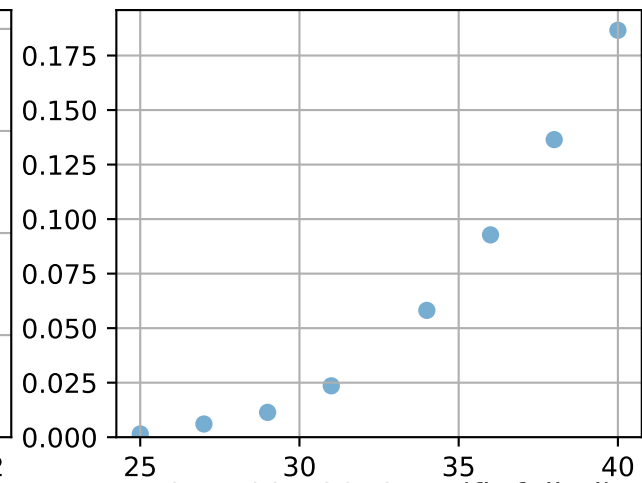
P6AW-087-14T1Fr5 (fit failed)



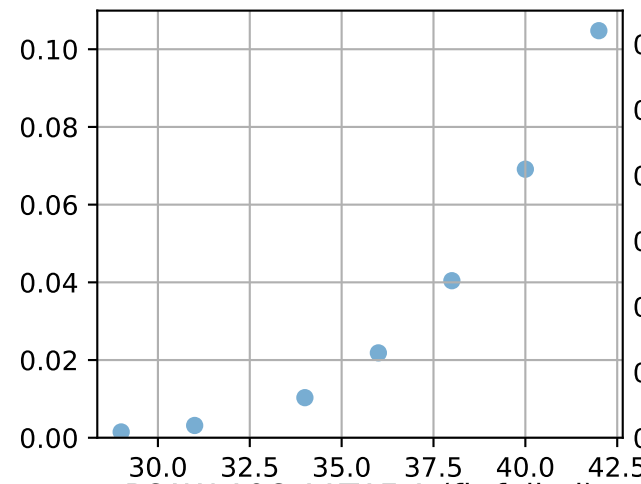
P6AW-087-14T2Fr1 (fit failed)



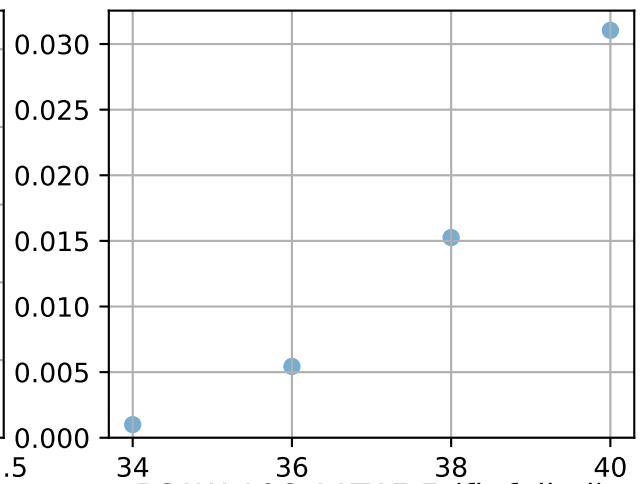
P6AW-095-29T1Fr1 (fit failed)



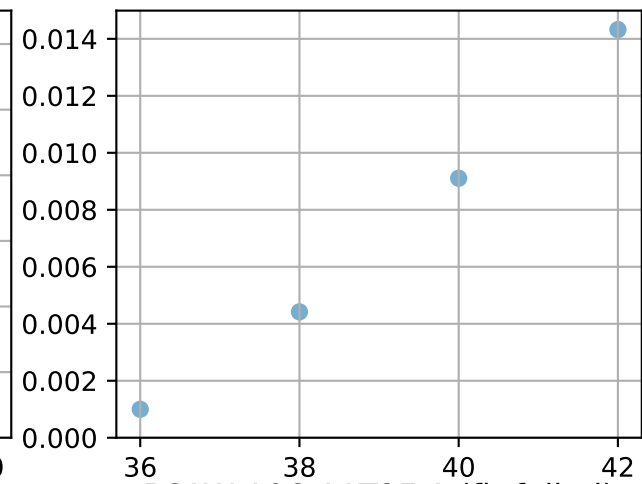
P6AW-095-29T1Fr5 (fit failed)



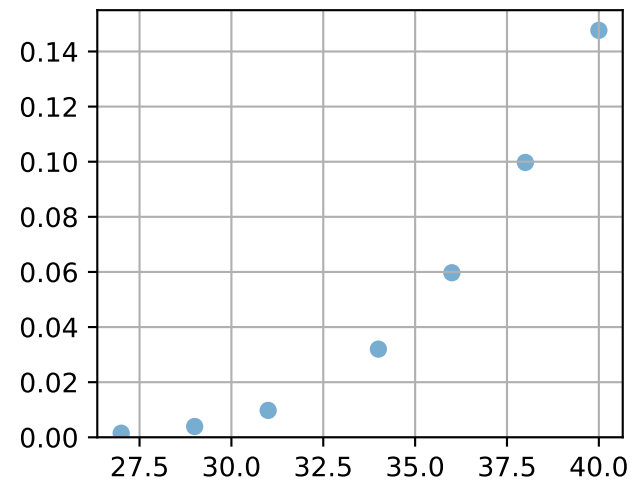
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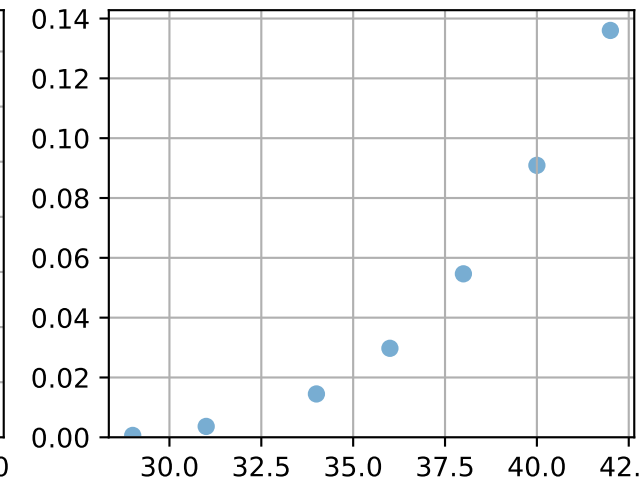
P6AW-095-29T2Fr5 (fit failed)



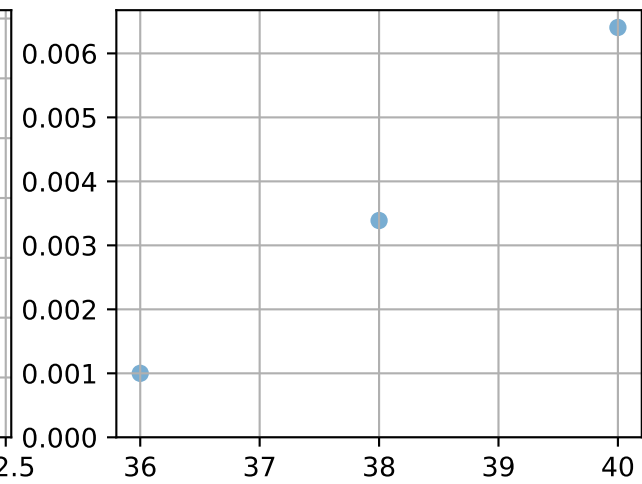
P6AW-106-11T1Fr1 (fit failed)



P6AW-106-11T1Fr5 (fit failed)

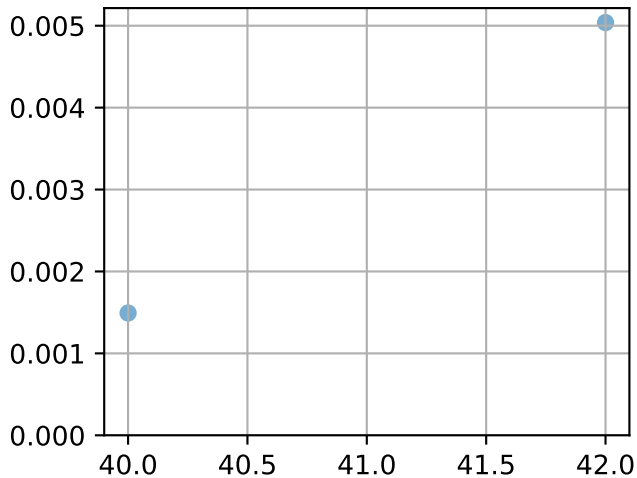


P6AW-106-11T2Fr1 (fit failed)

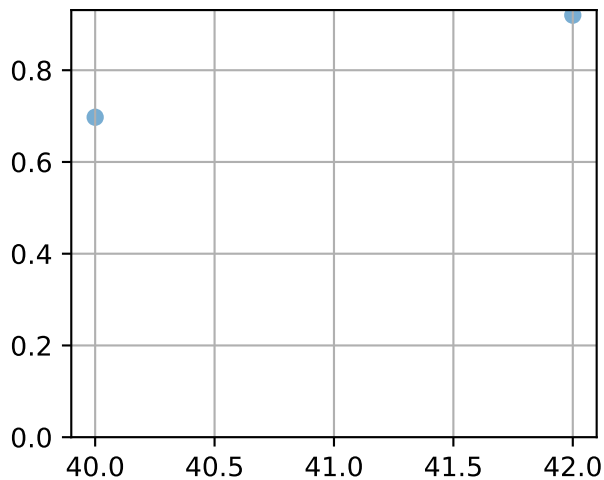


P6AW-106-11T2Fr5 (fit failed)

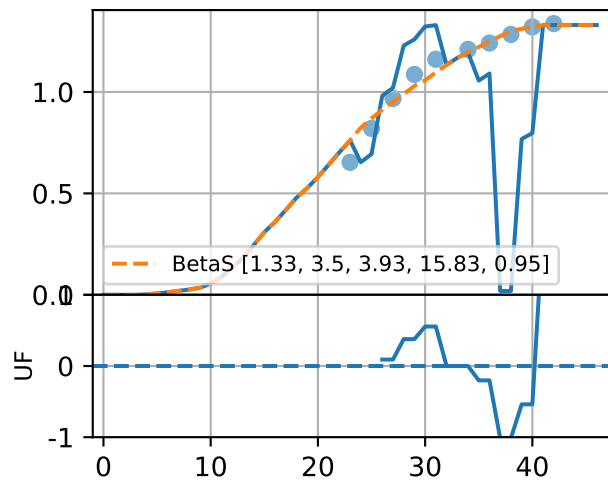
FrV



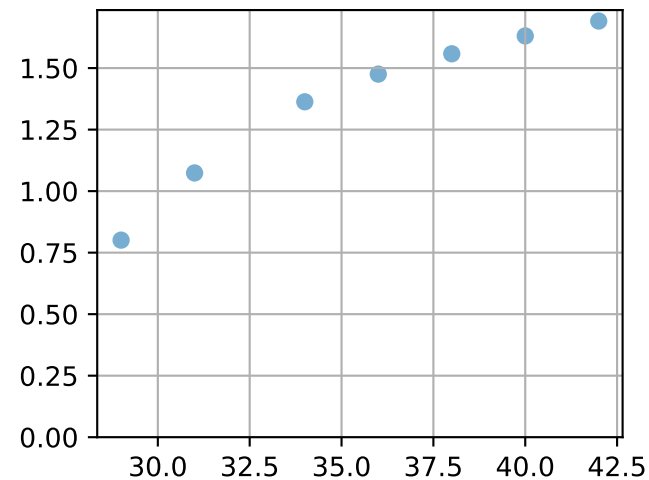
P6AW-058-22L12 (fit failed)



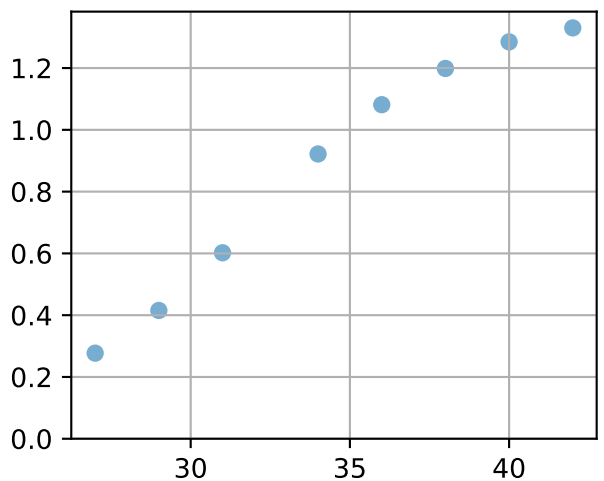
P6AW-058-22L6 (fit failed)



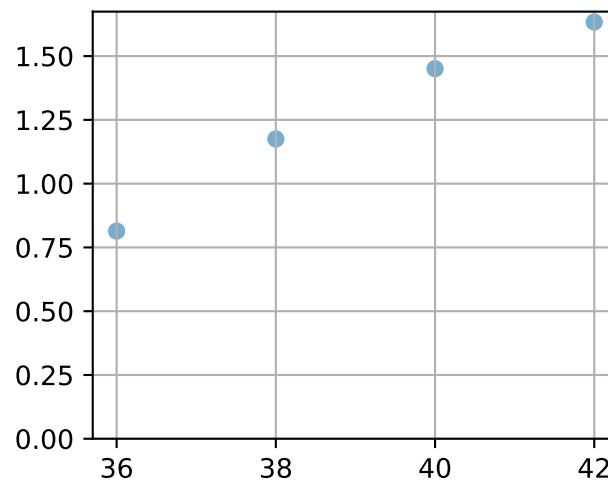
P6AW-058-22L9 (fit failed)



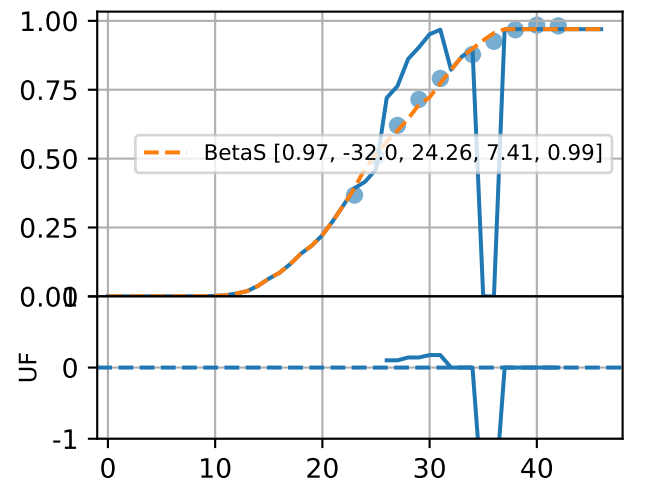
P6AW-074-9L10 (fit failed)



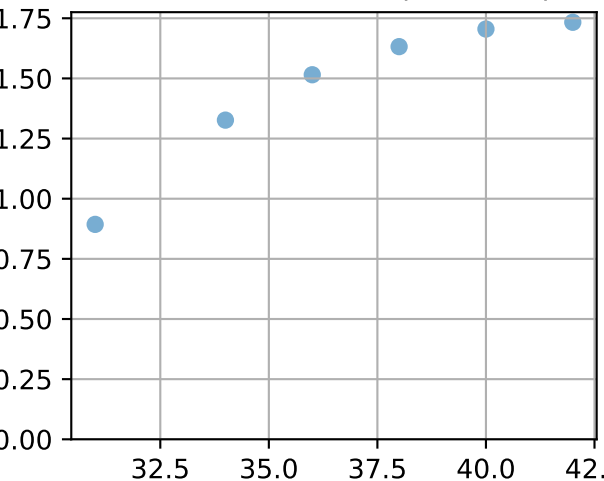
P6AW-074-9L13 (fit failed)



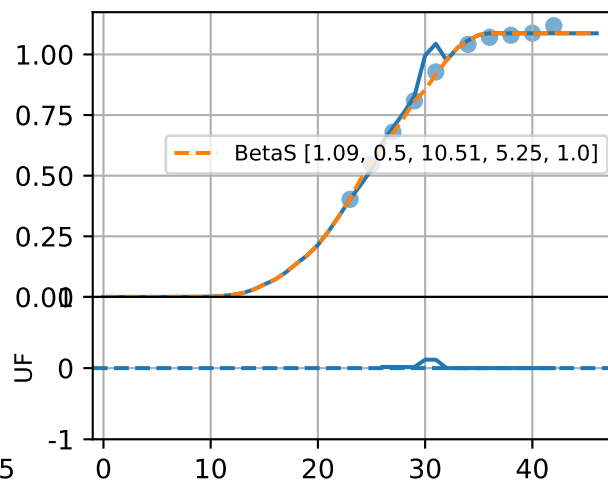
P6AW-074-9L7 (fit failed)



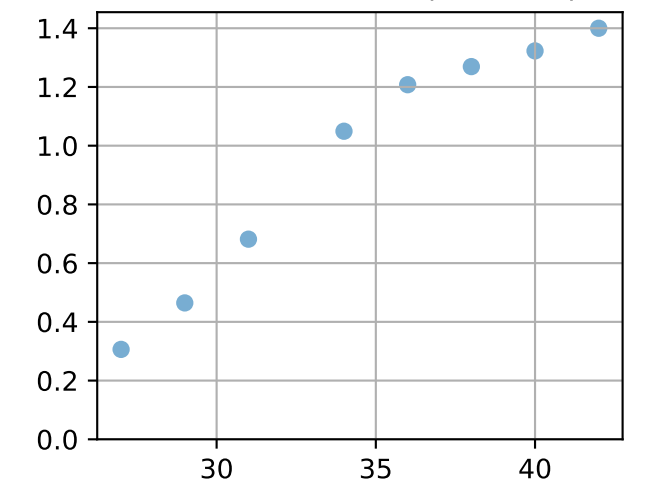
P6AW-087-14L10 (fit failed)



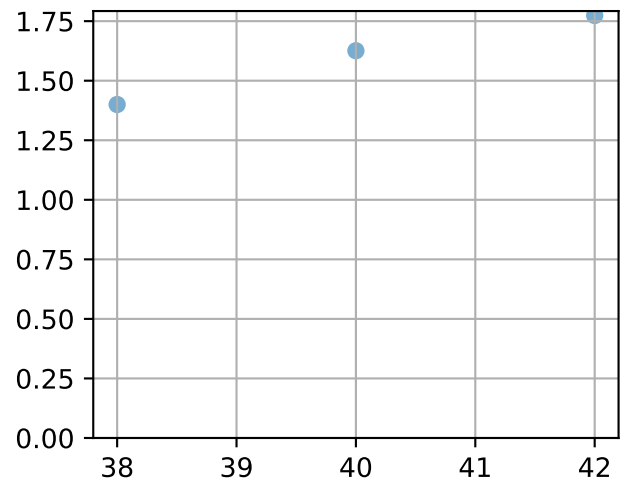
P6AW-087-14L7



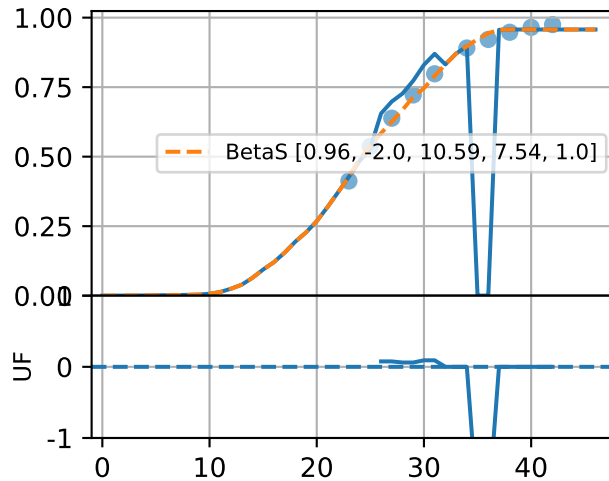
P6AW-095-29L10 (fit failed)



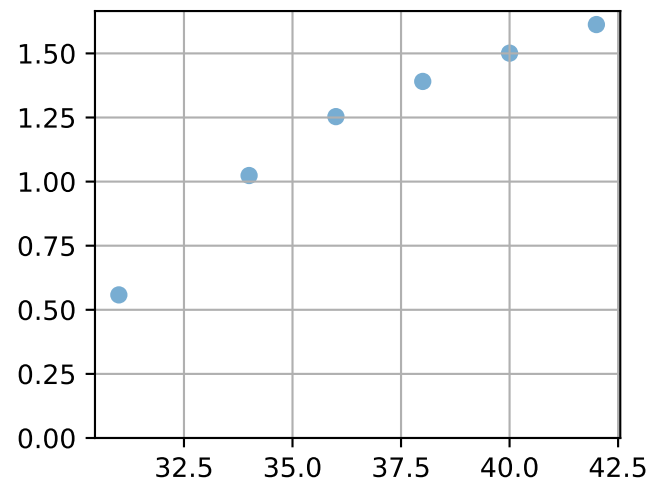
P6AW-095-29L13 (fit failed)



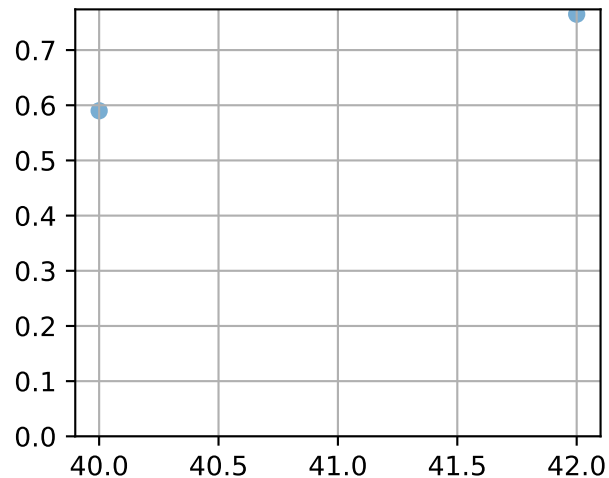
P6AW-095-29L7 (fit failed)



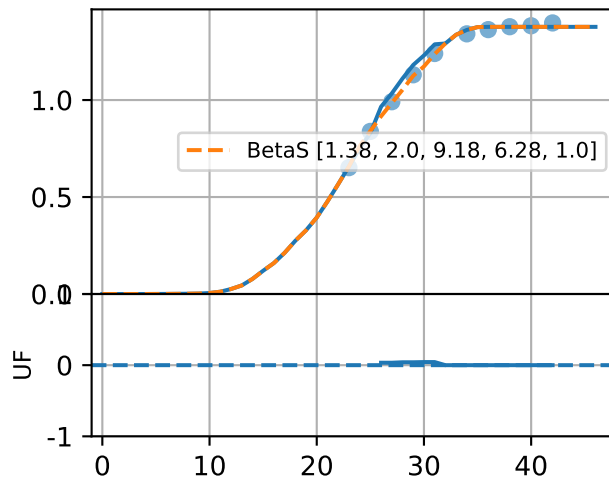
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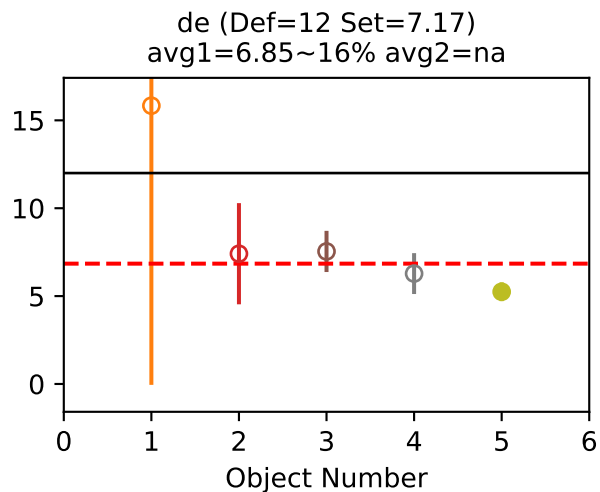
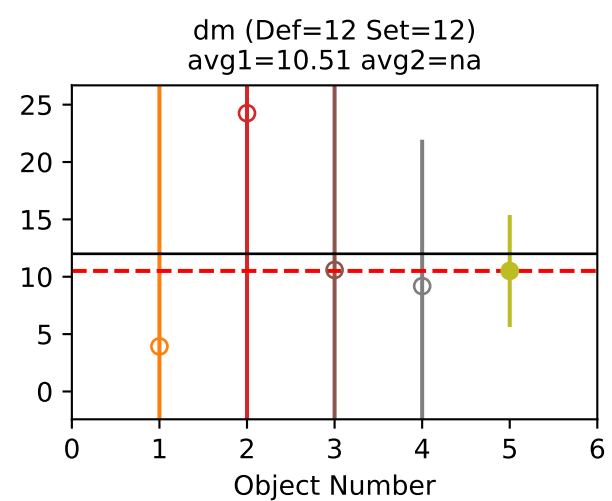
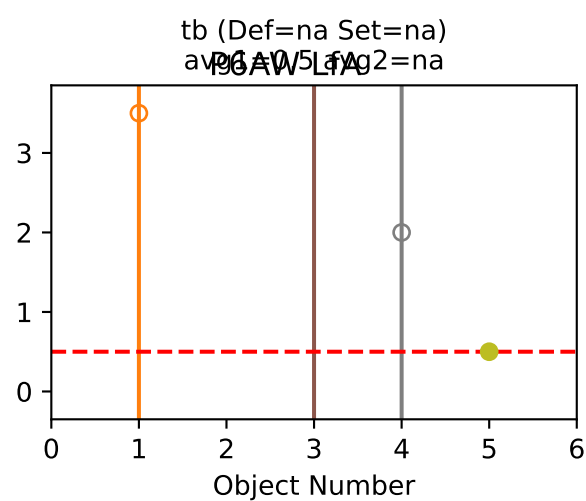
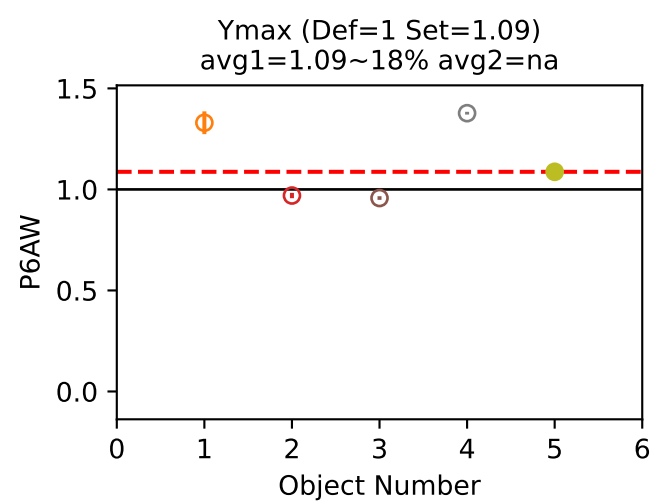


P6AW-106-11L13 (fit failed)



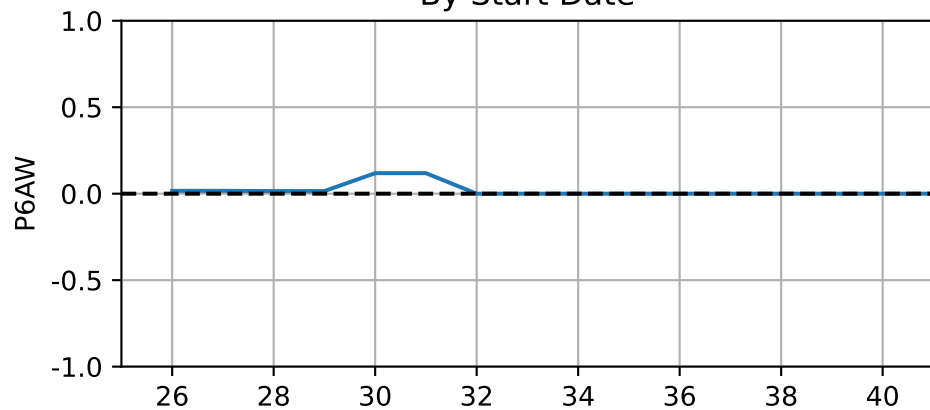
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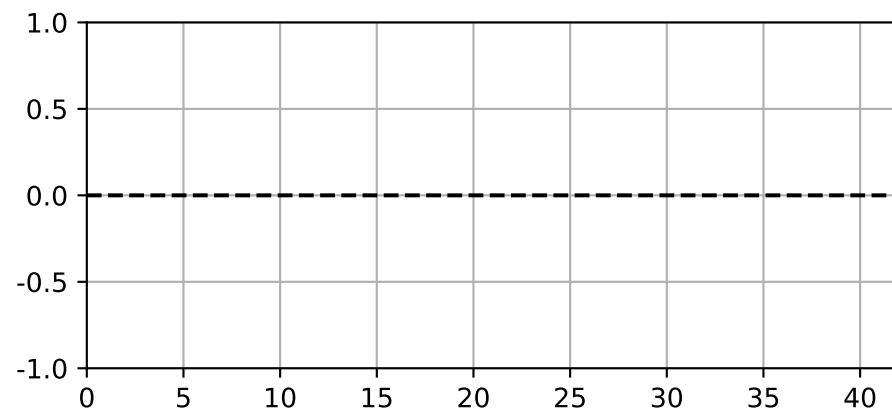
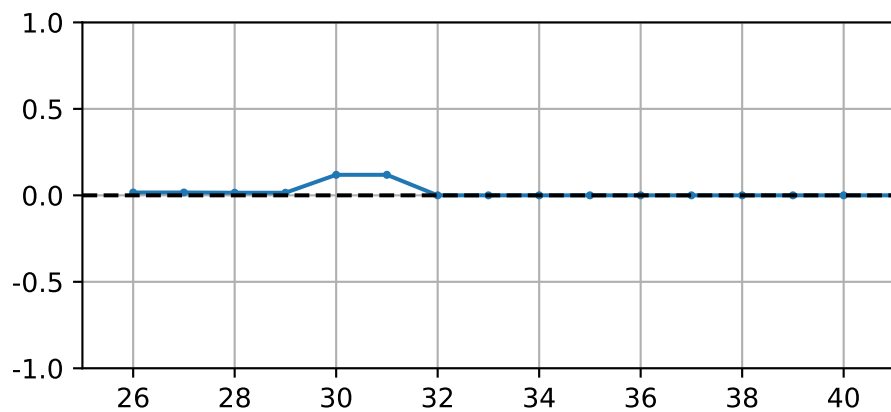
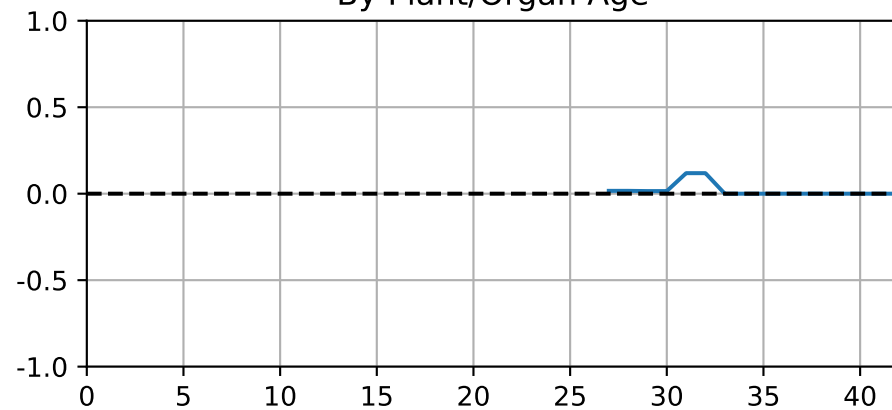


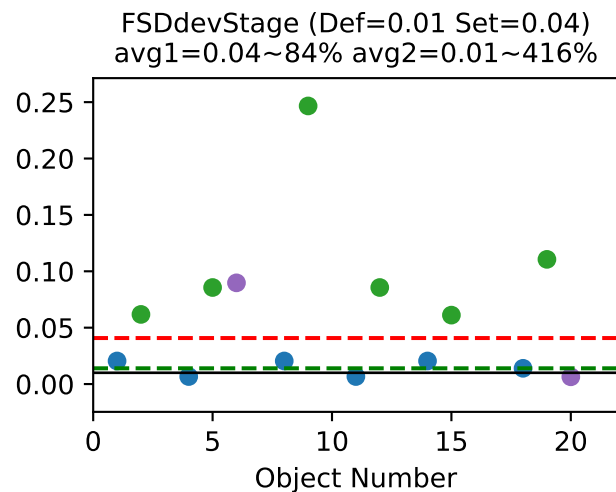
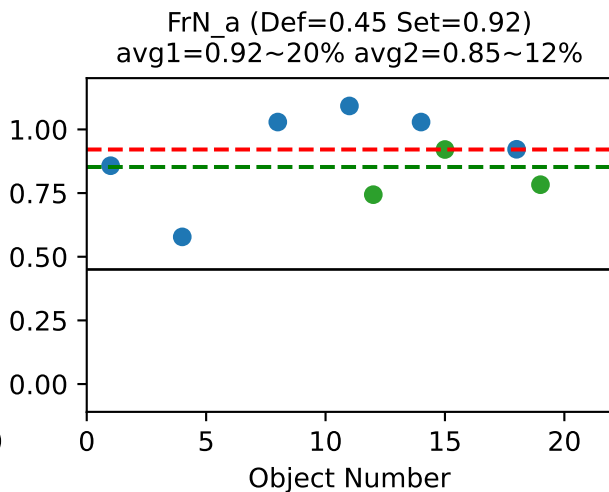
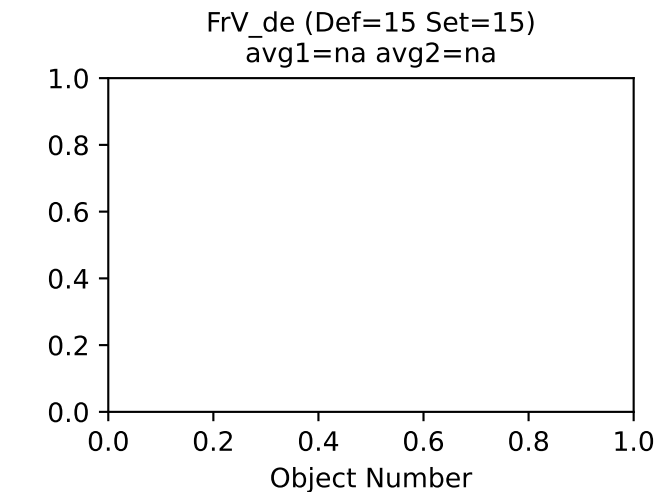
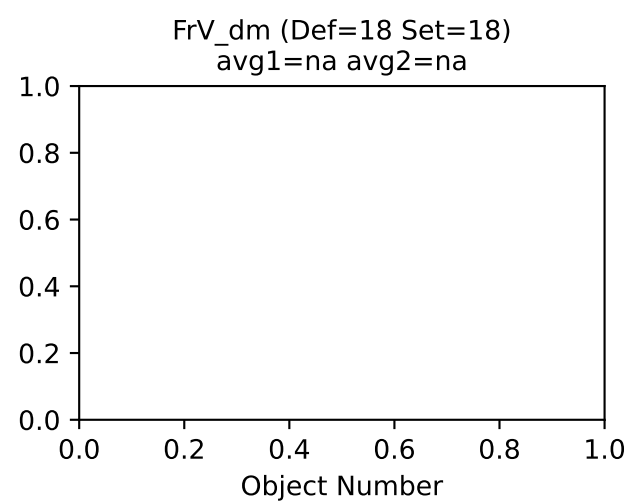
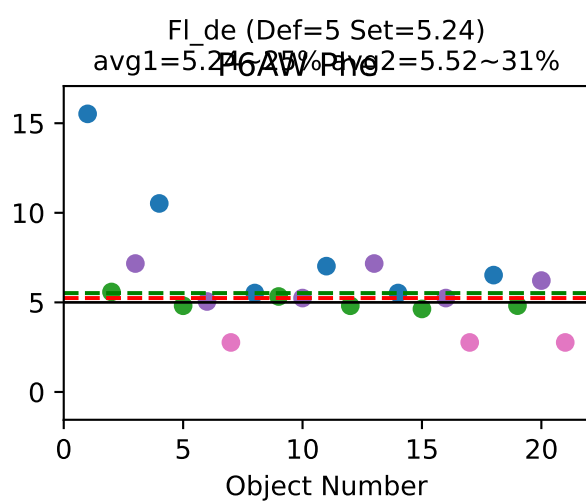
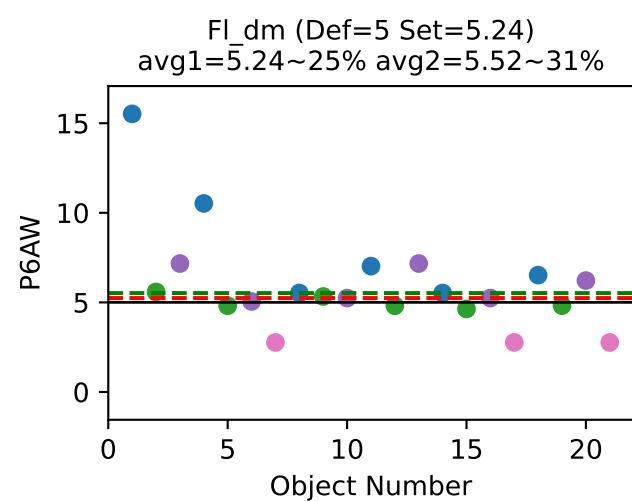
LfA

By Start Date

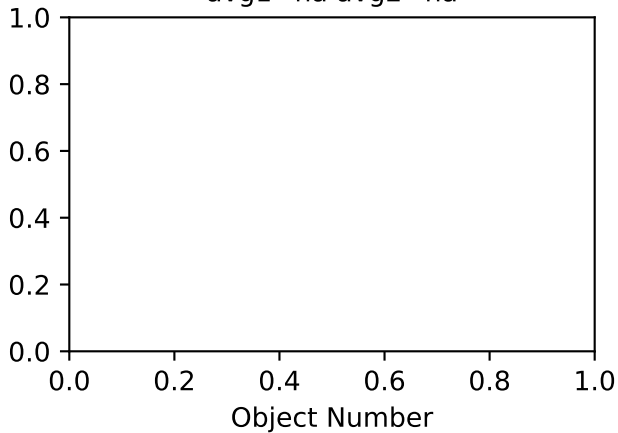


By Plant/Organ Age

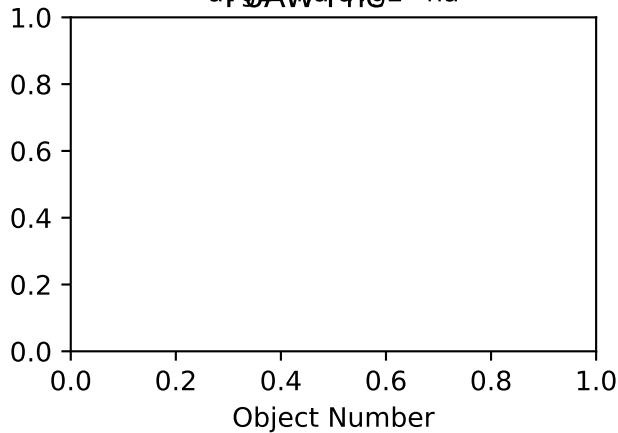




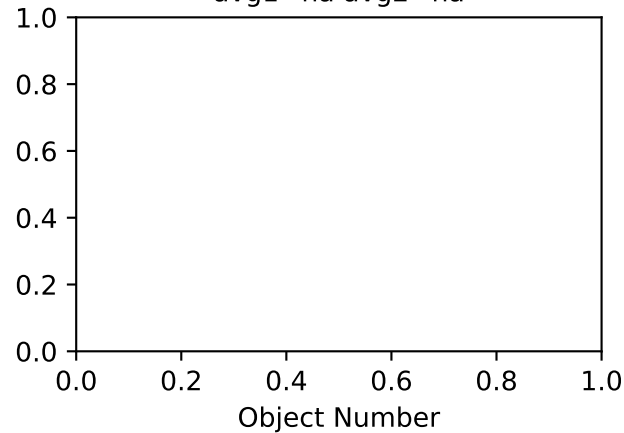
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



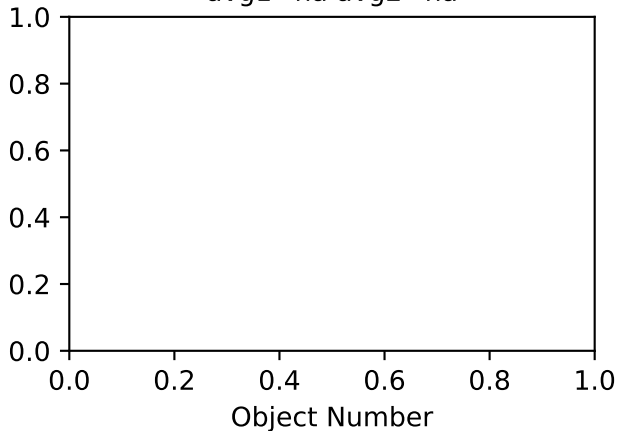
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



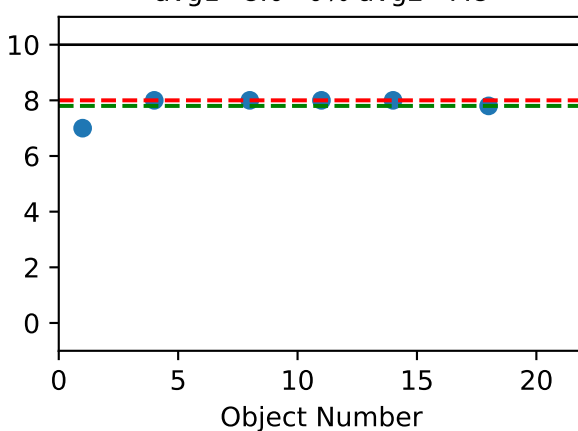
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

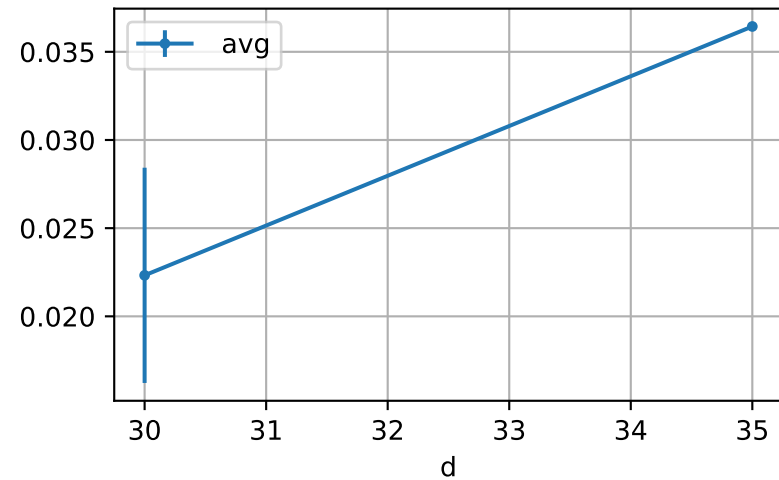


NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=7.8

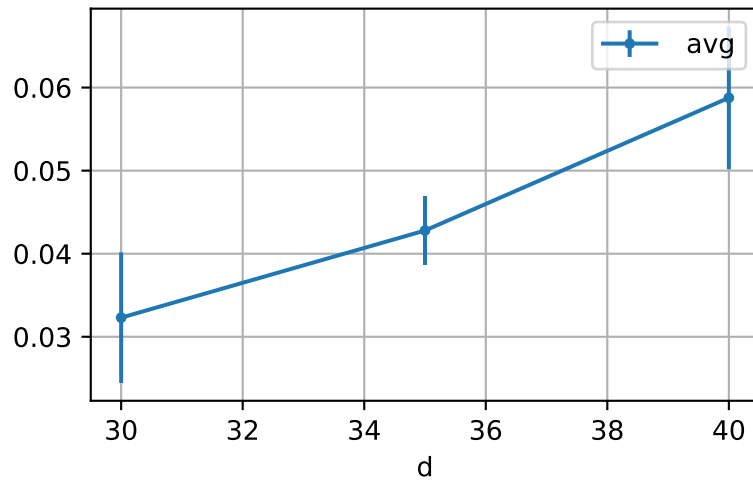


LfA: avg vs. d at each age group

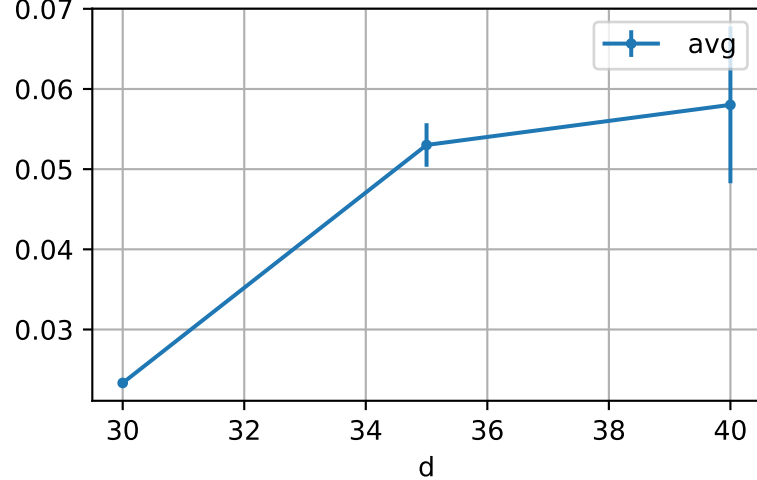
age=15



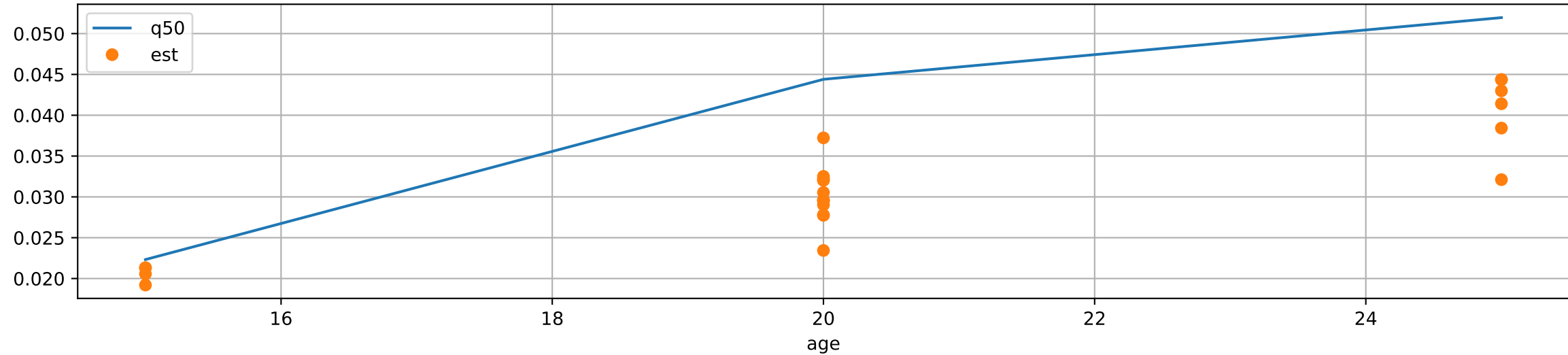
age=20



age=25

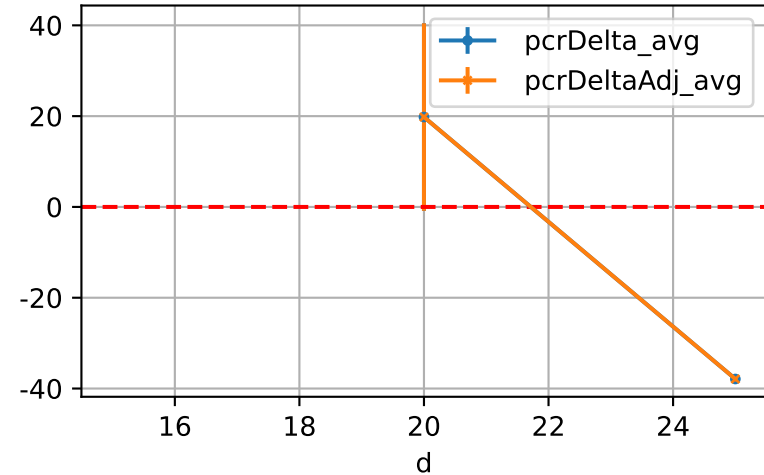


LfA: model est vs obsOv@Q50

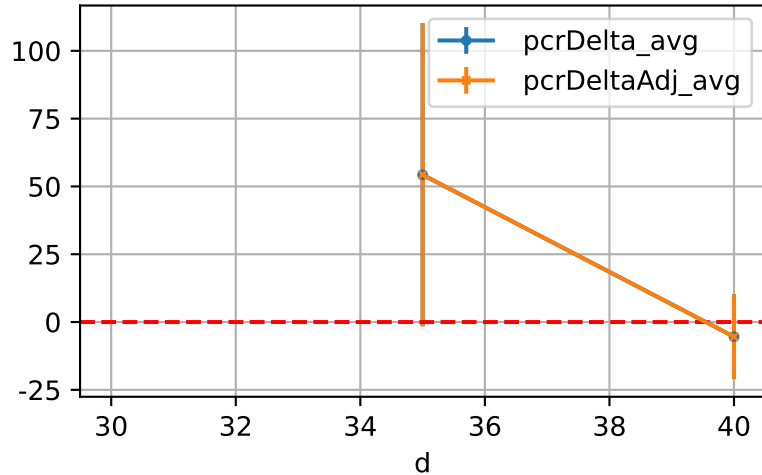


P6AW LfA: D_5d_LfA

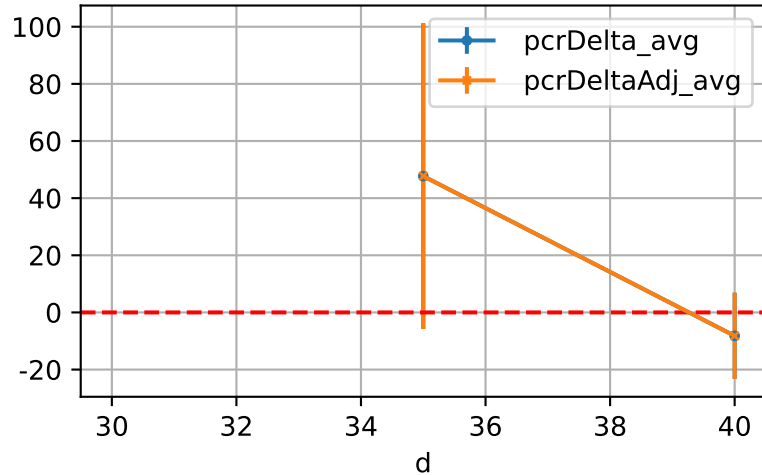
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

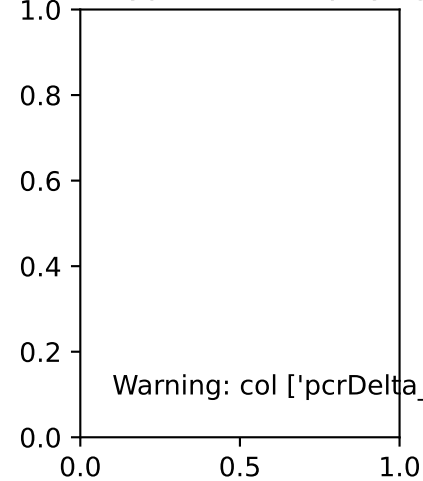


DeltaTypeAbbr=WeiAvgByD

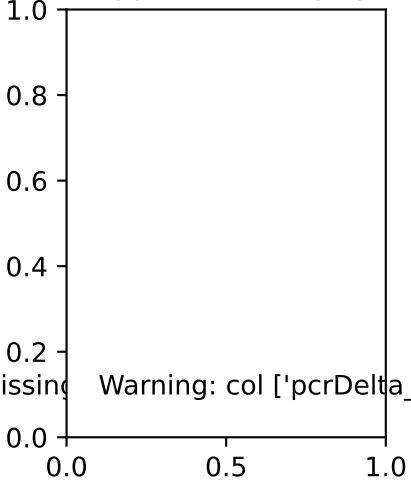


P6AW LfA: D_15d_LfA

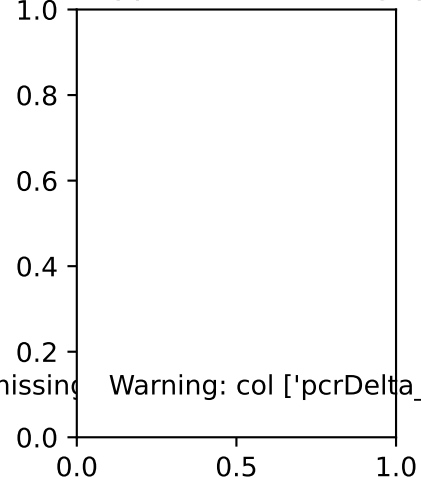
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

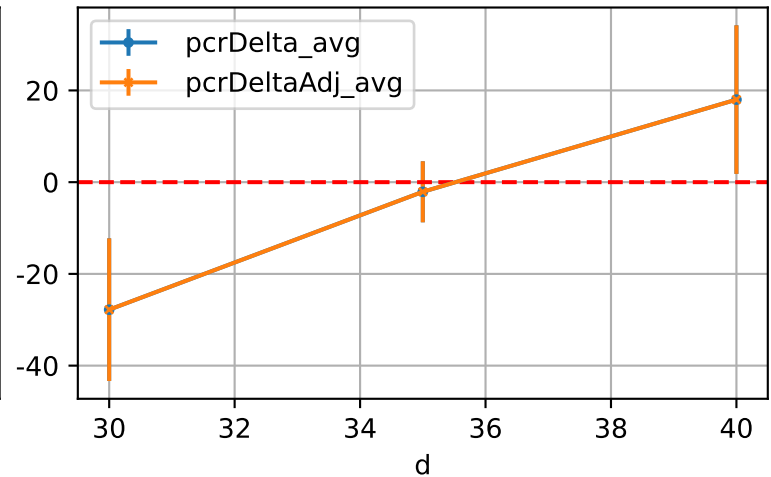
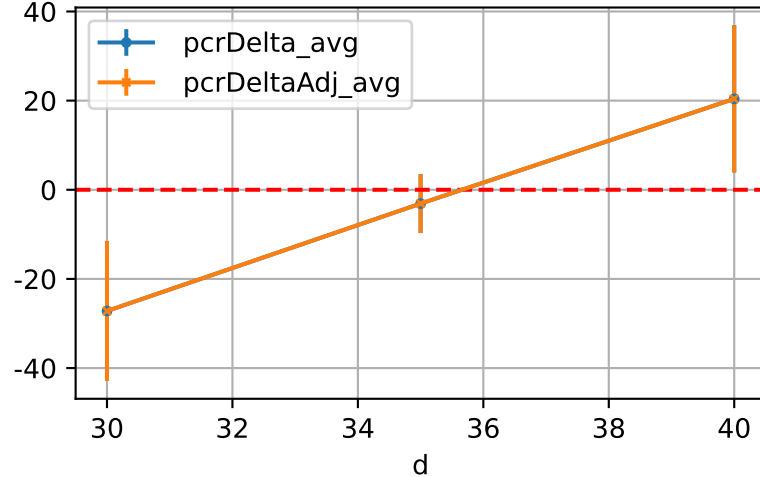
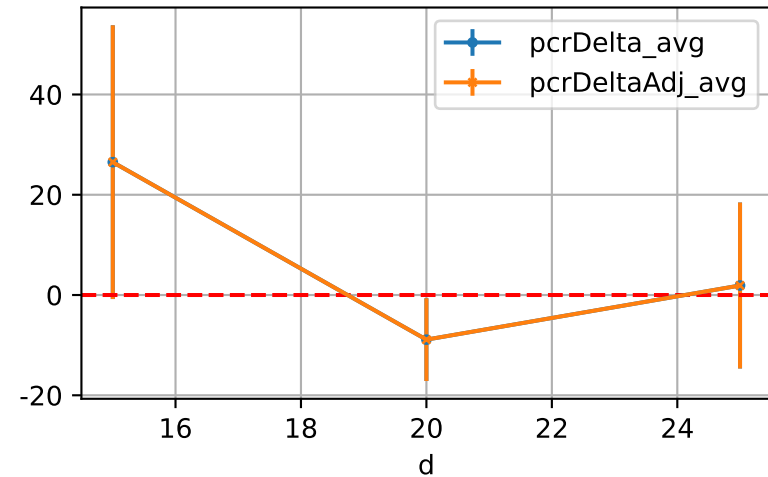


P6AW LfA: D_Q50_LfA

DeltaTypeAbbr=GrpByAge

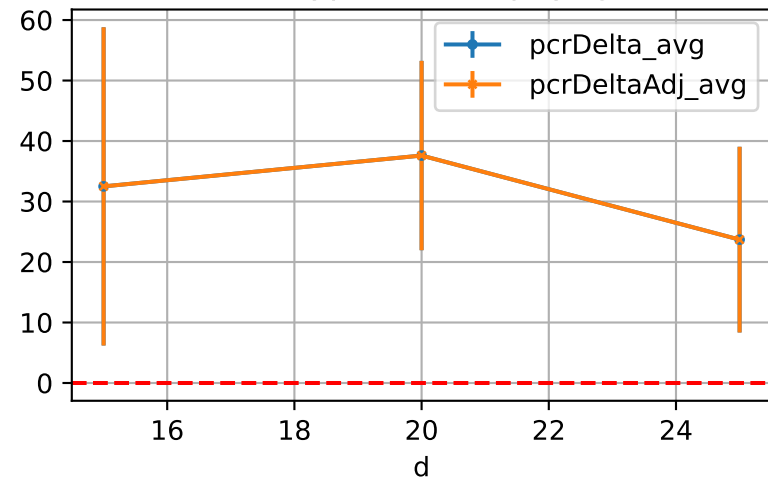
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

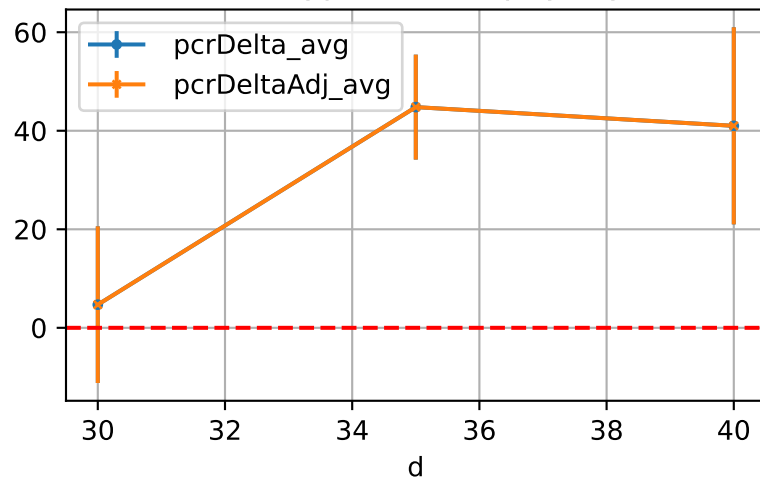


P6AW LfA: D_Est_LfA

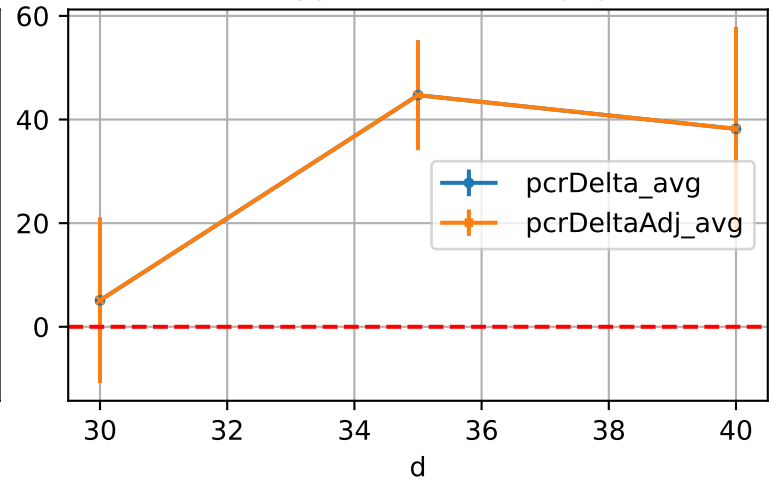
DeltaTypeAbbr=GrpByAge



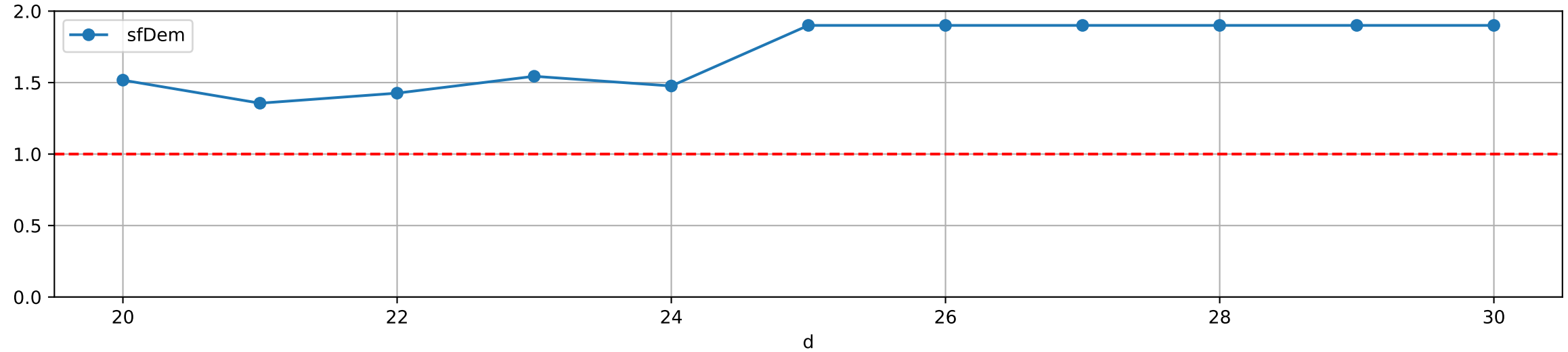
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD



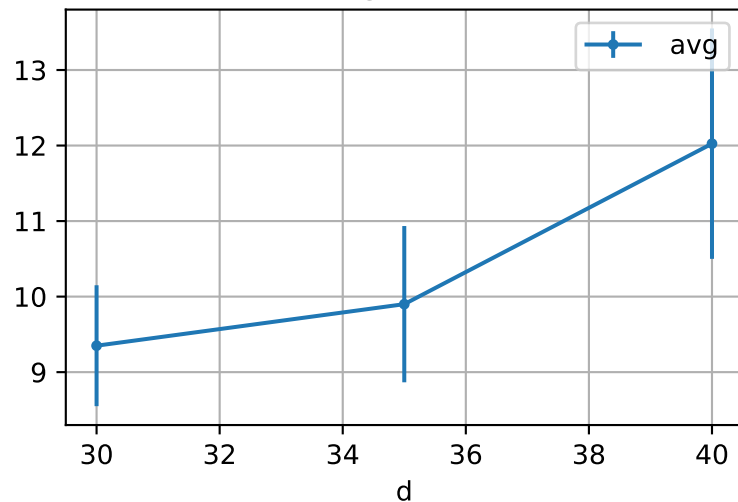
LfA: sfDem



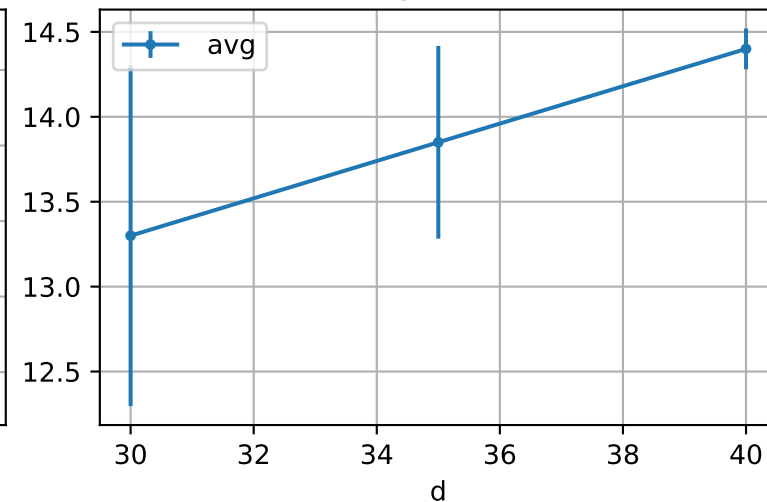


NdD: avg vs. d at each age group

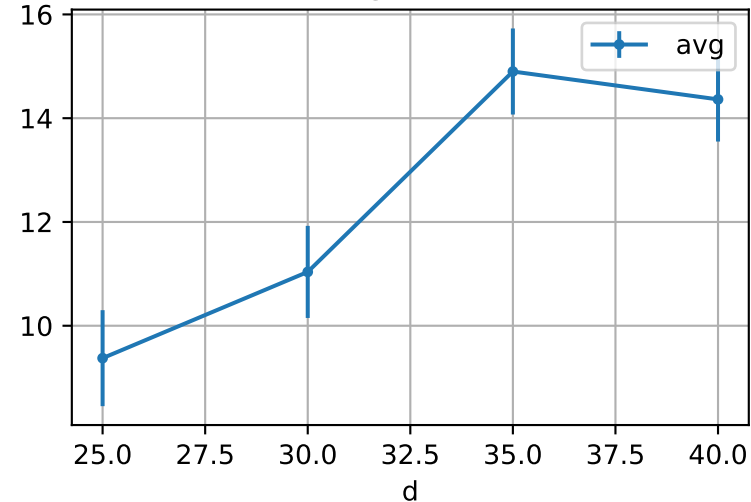
age=15



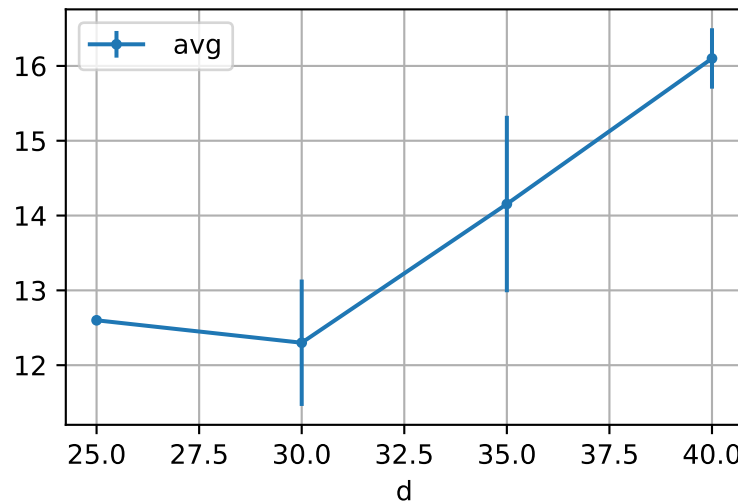
age=20



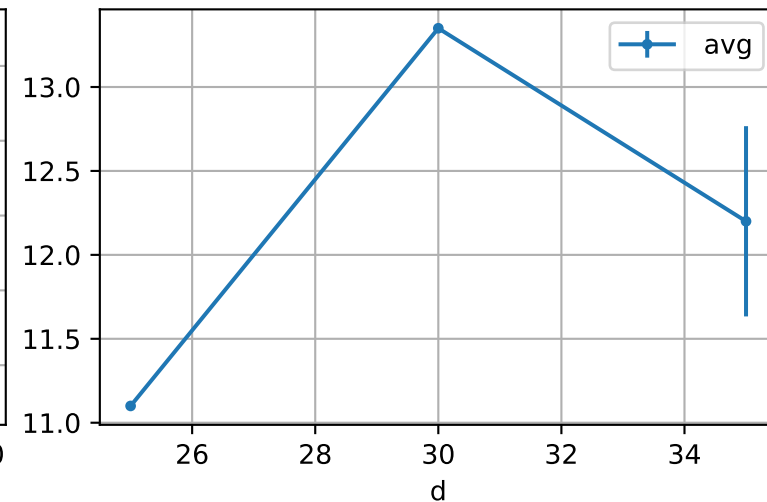
age=25



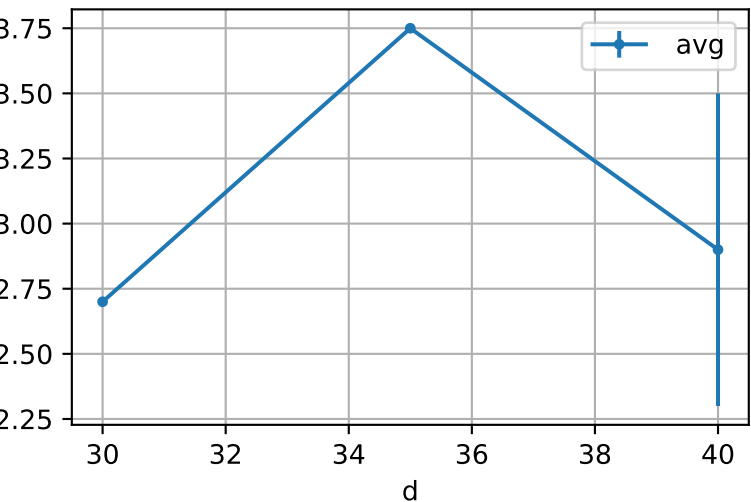
age=30



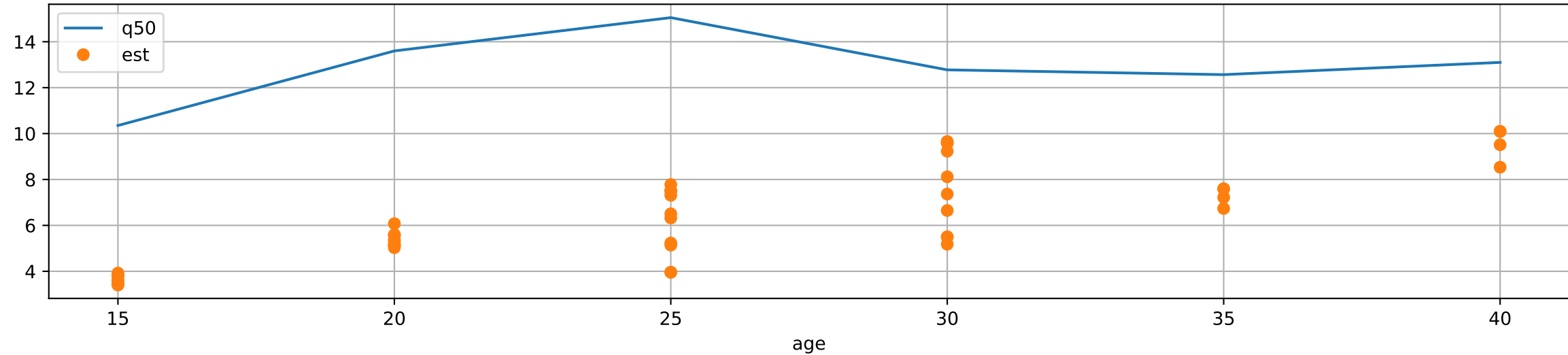
age=35



age=40

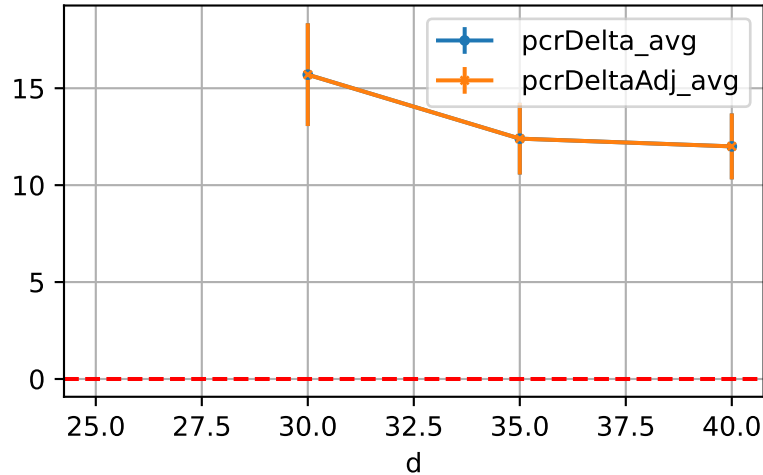


NdD: model est vs obsOv@Q50

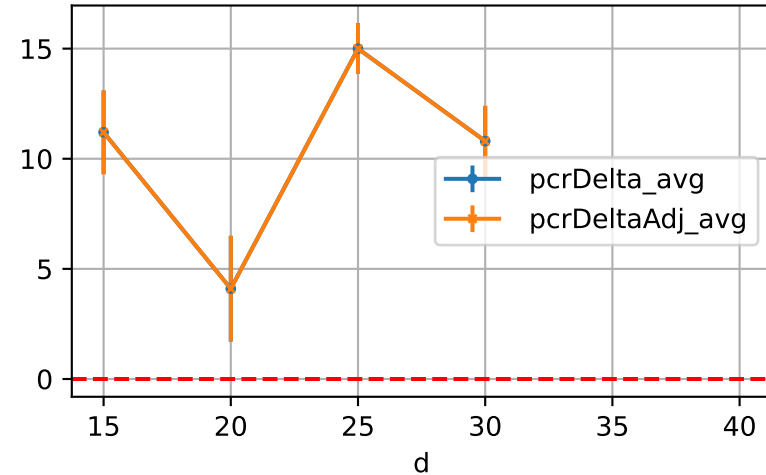


P6AW NdD: D_5d_NdD

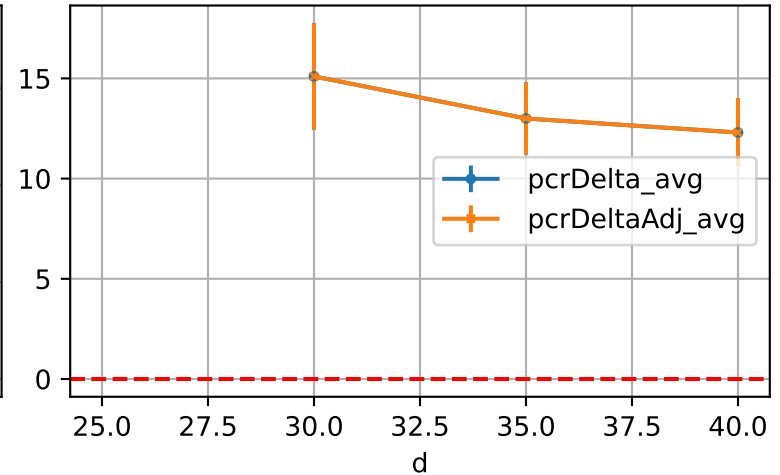
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

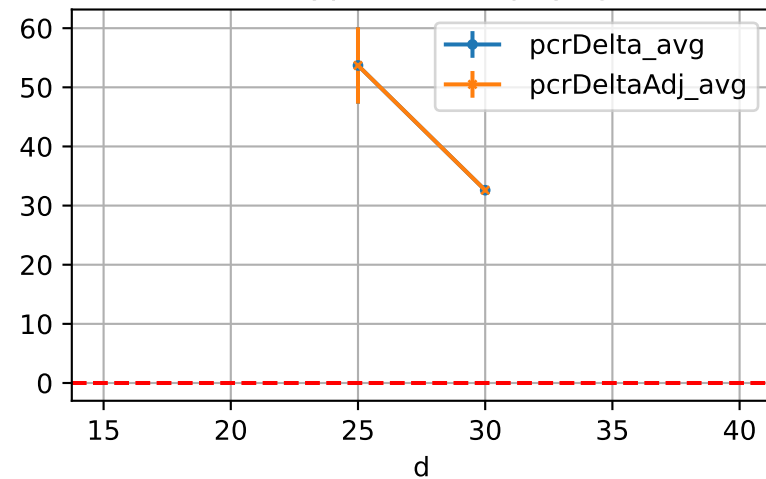


DeltaTypeAbbr=WeiAvgByD

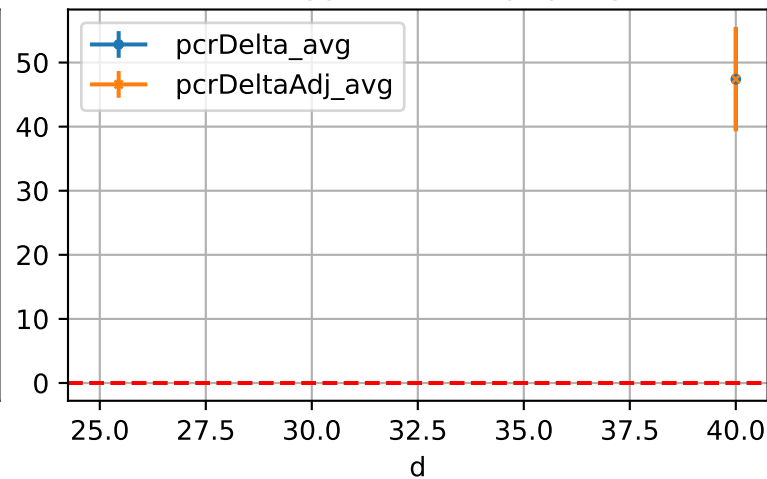


P6AW NdD: D_15d_NdD

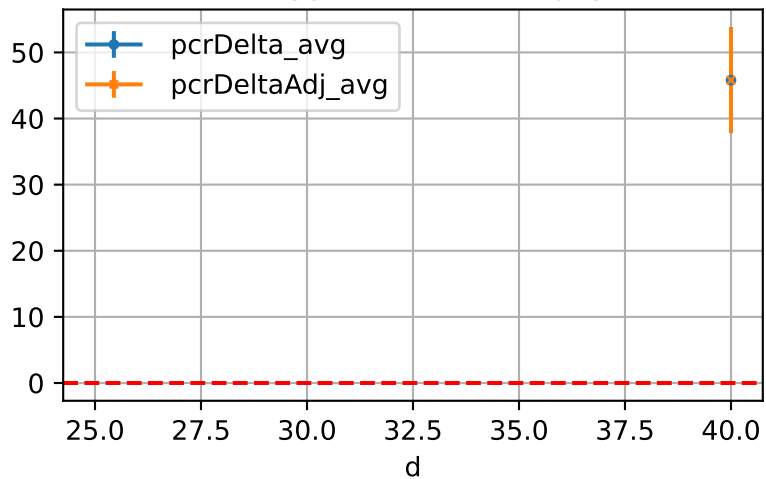
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

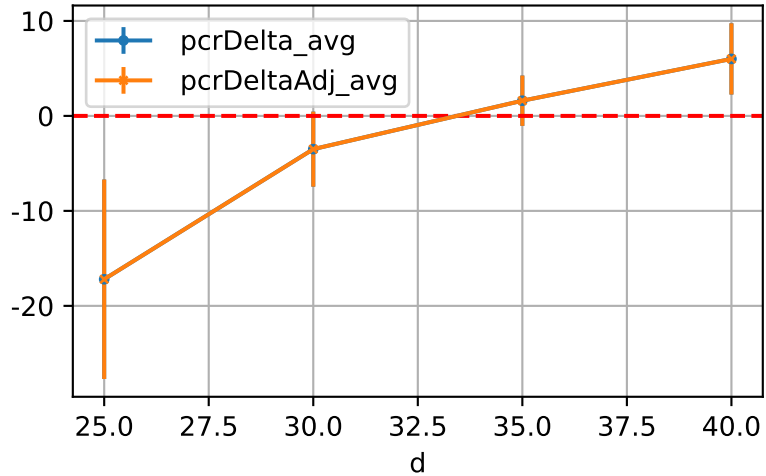
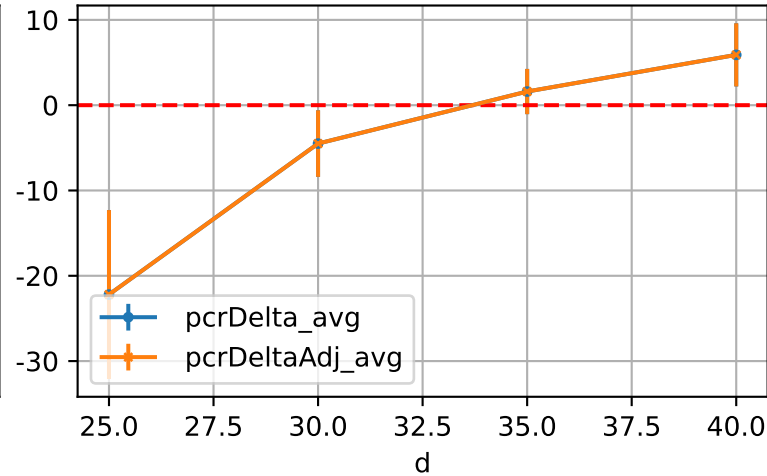
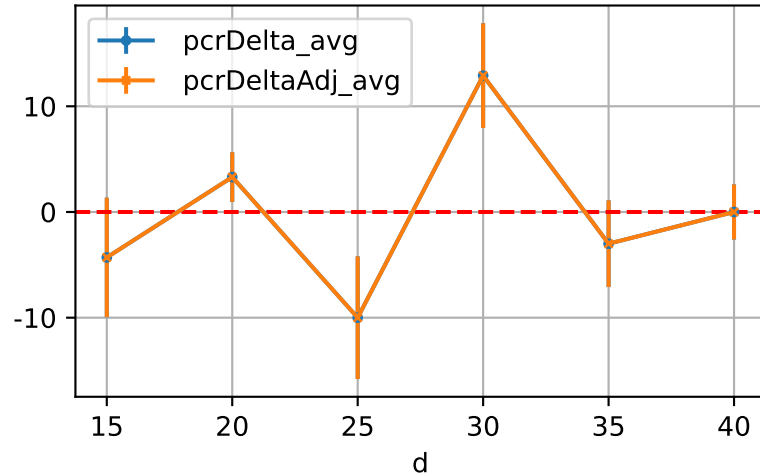


DeltaTypeAbbr=WeiAvgByD



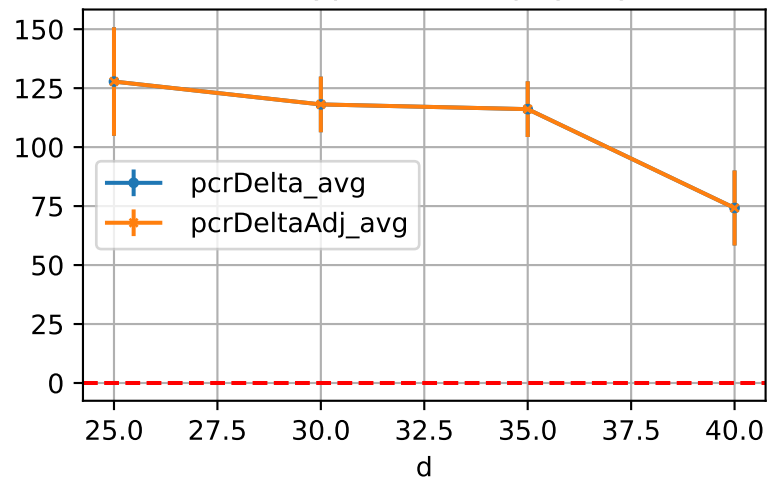
P6AW NdD: D_Q50_NdD

DeltaTypeAbbr=GrpByDay

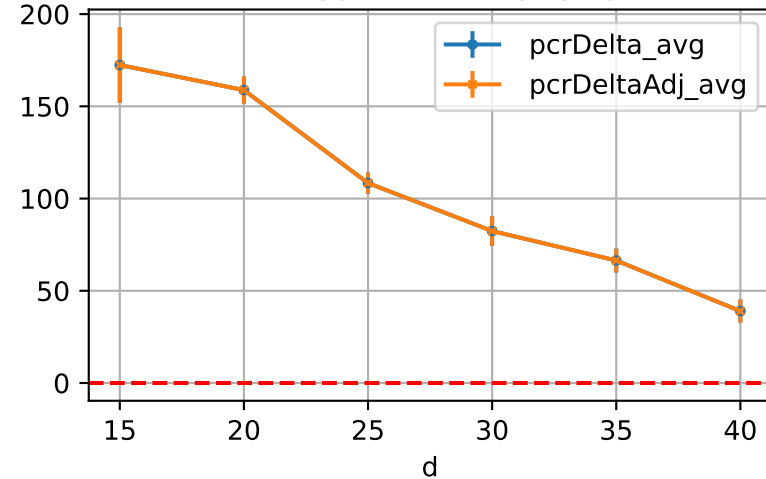


P6AW NdD: D_Est_NdD

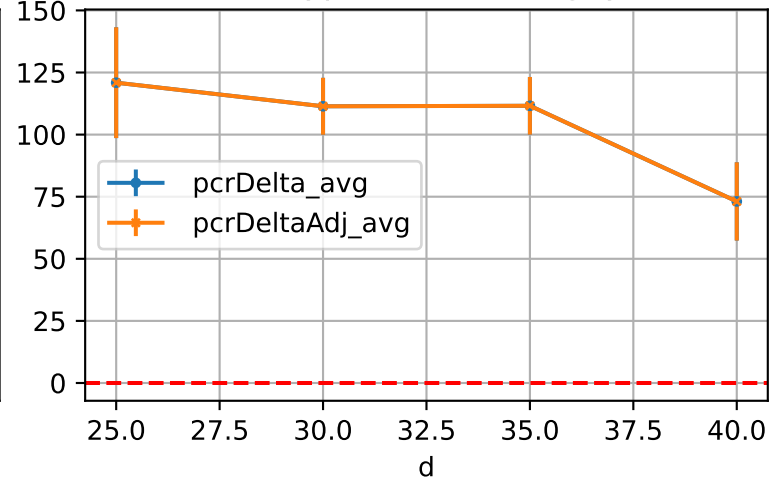
DeltaTypeAbbr=GrpByDay



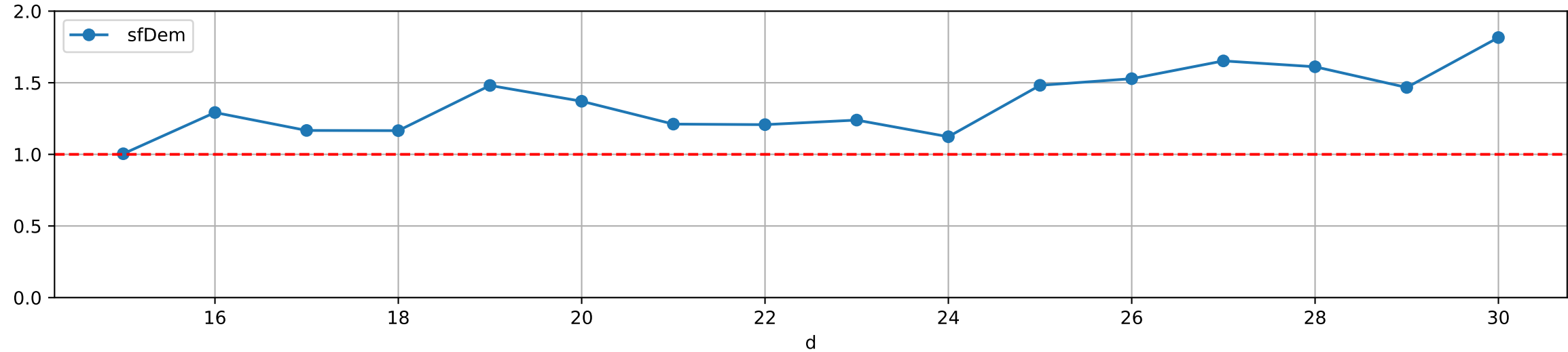
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DeltaTypeAbbr=WeiAvgByD

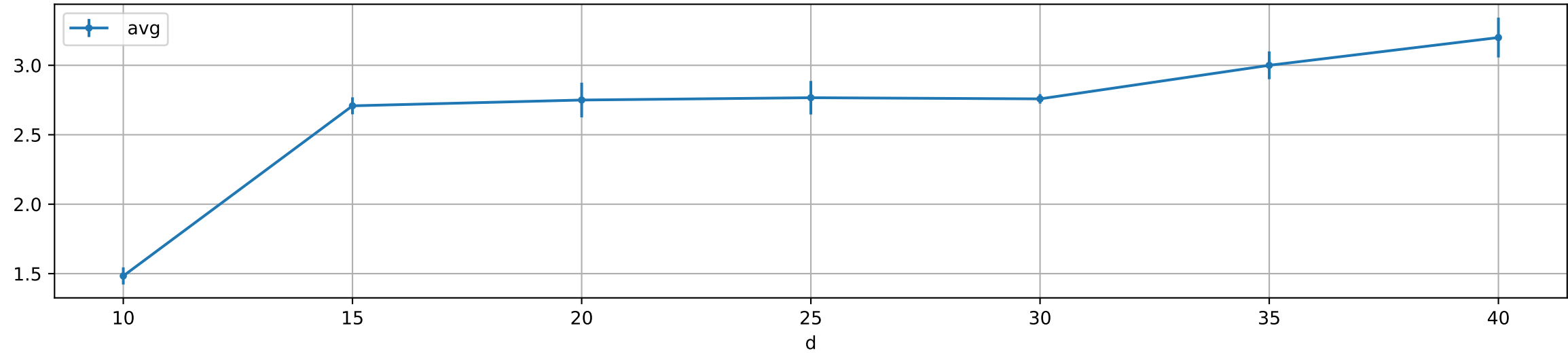


NdD: sfDem

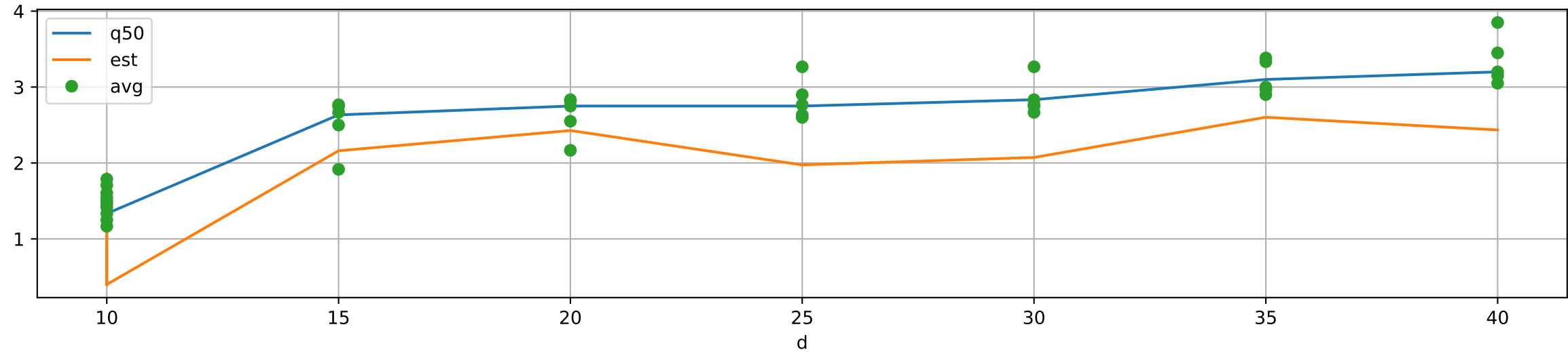




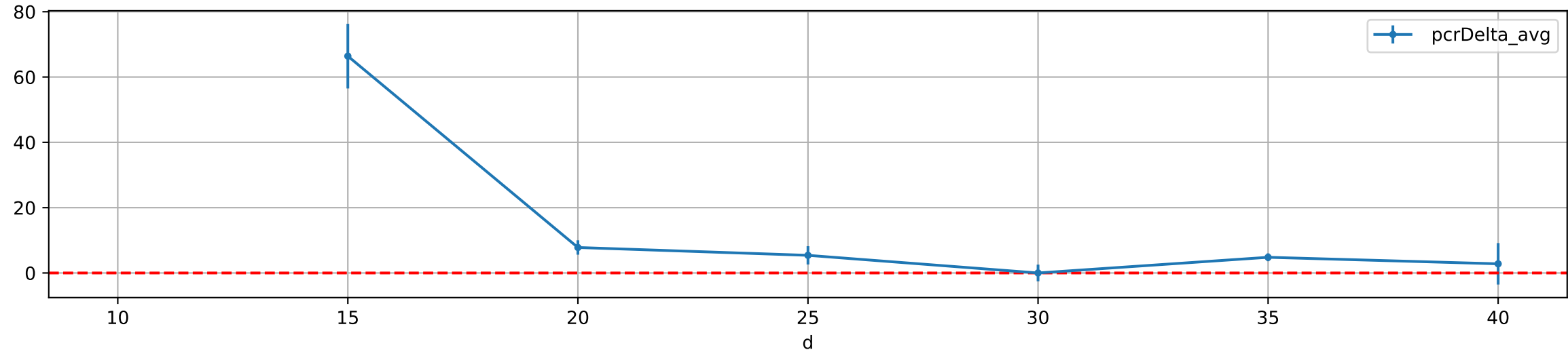
dStH: avg vs. d



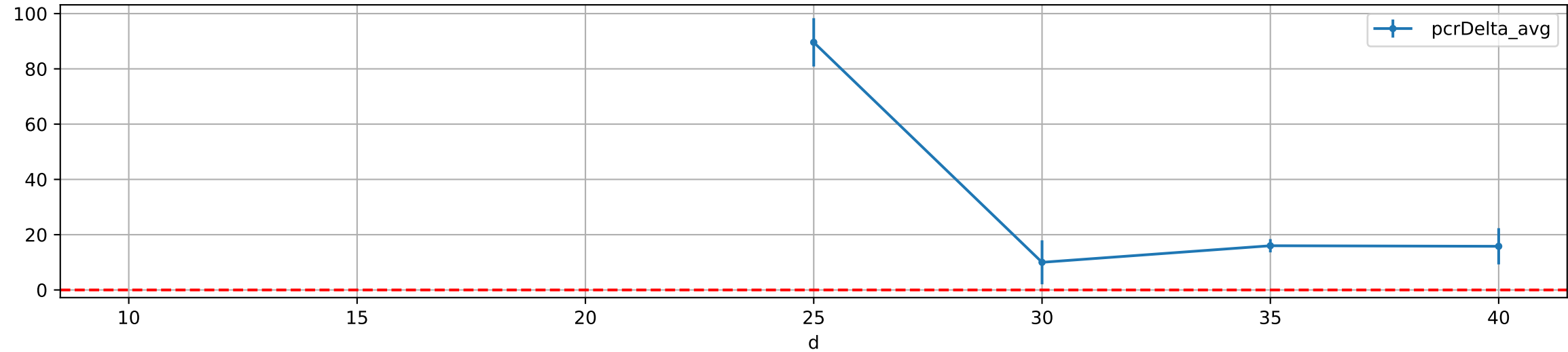
dStH: obsAvg vs obsOv@Q50



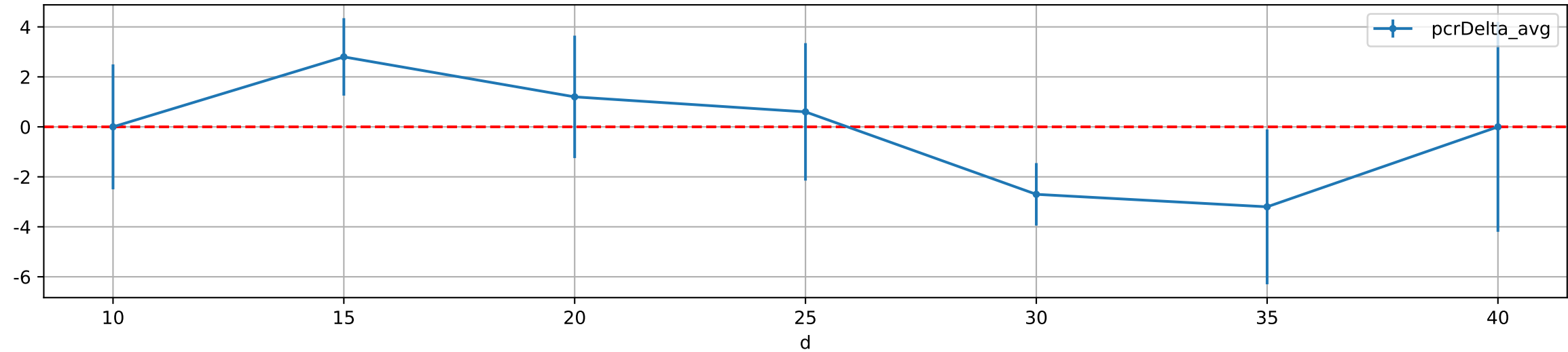
dStH: D_5d_StH



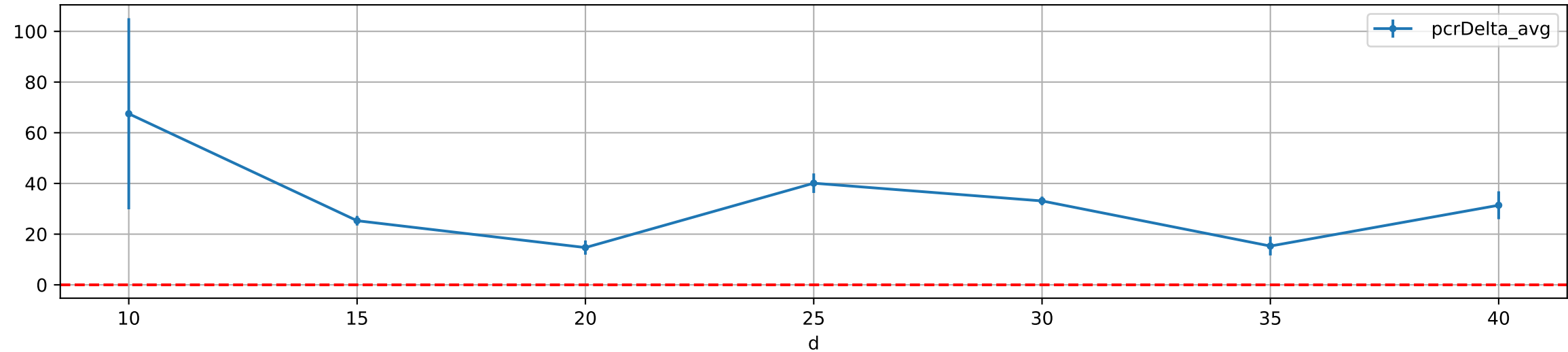
dStH: D_15d_StH



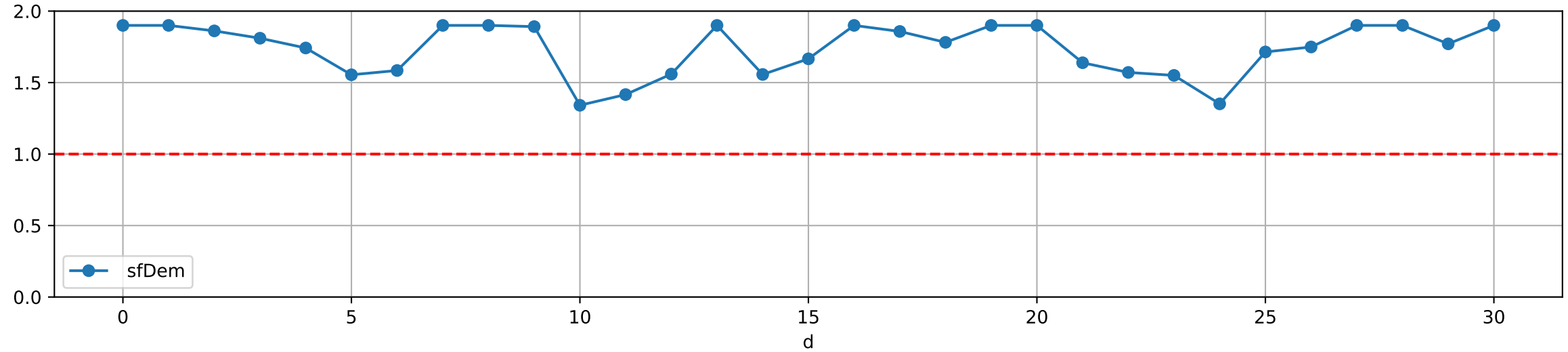
dStH: D_Q50_StH



dStH: D_Est_StH

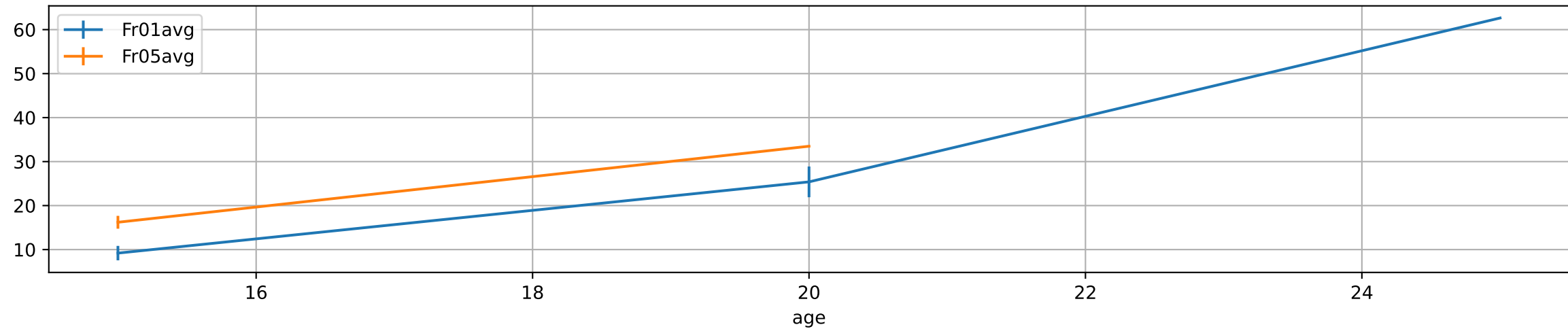


dStH: sfDem



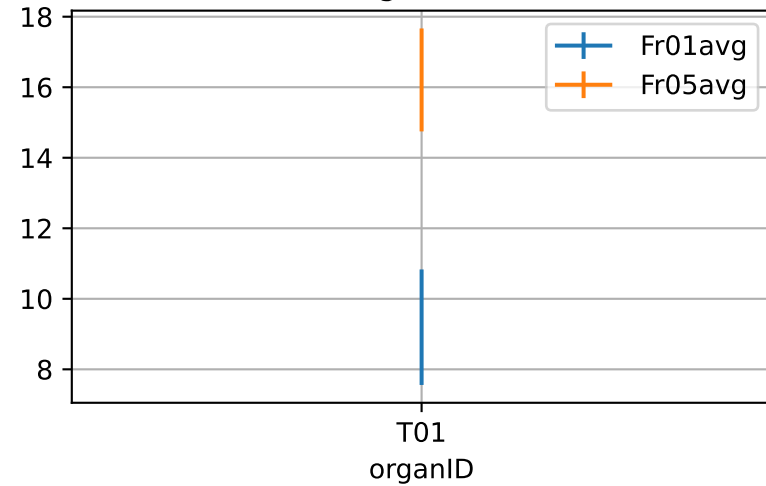


FrV: Fr01 vs Fr05 at each truss
organID=T01

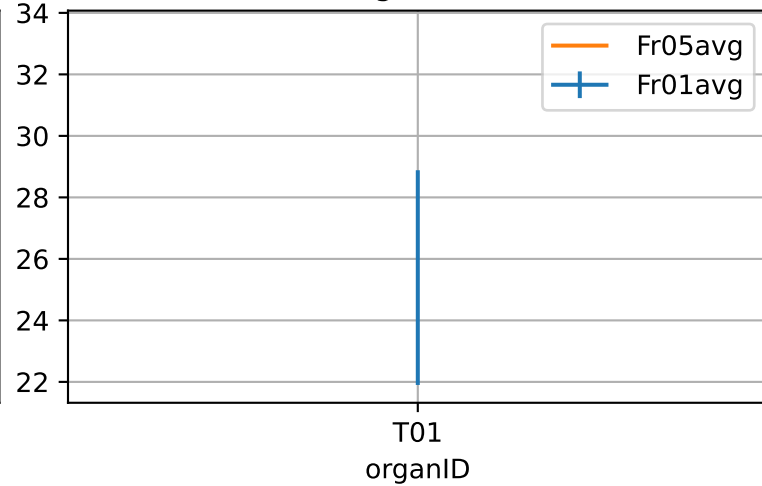


FrV trend at each age

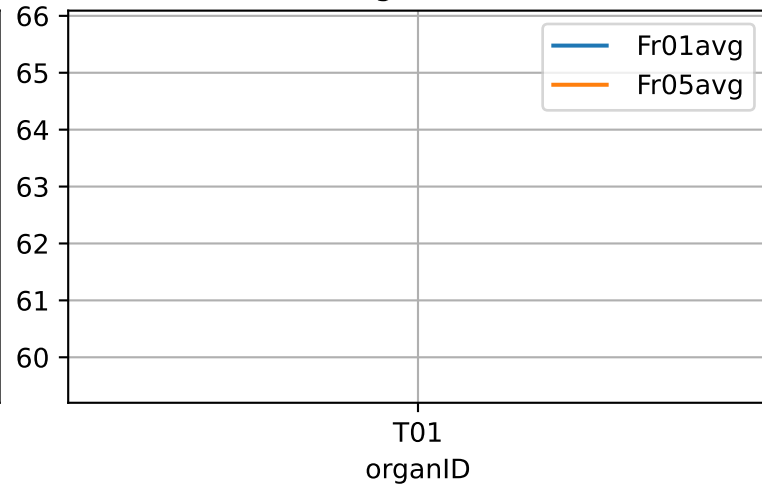
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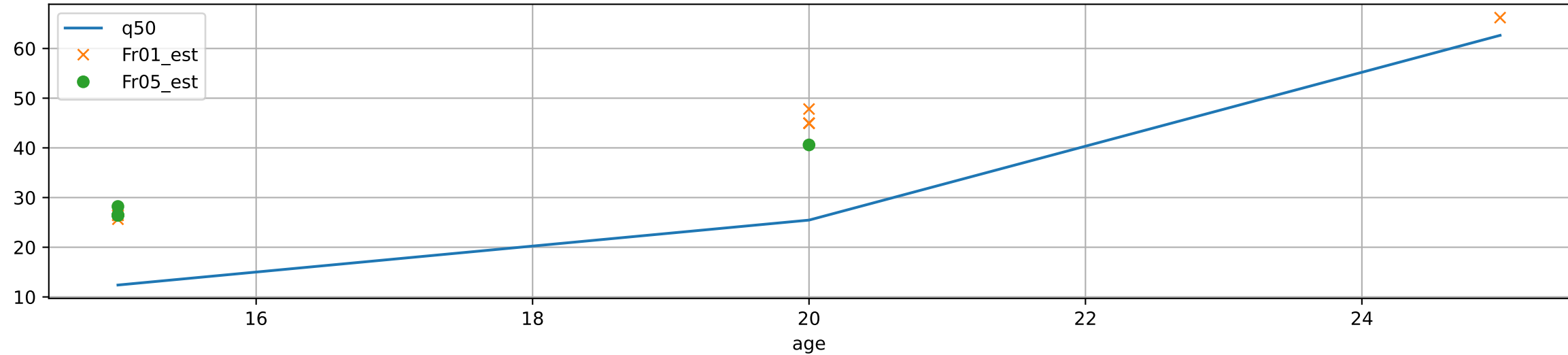
age=20



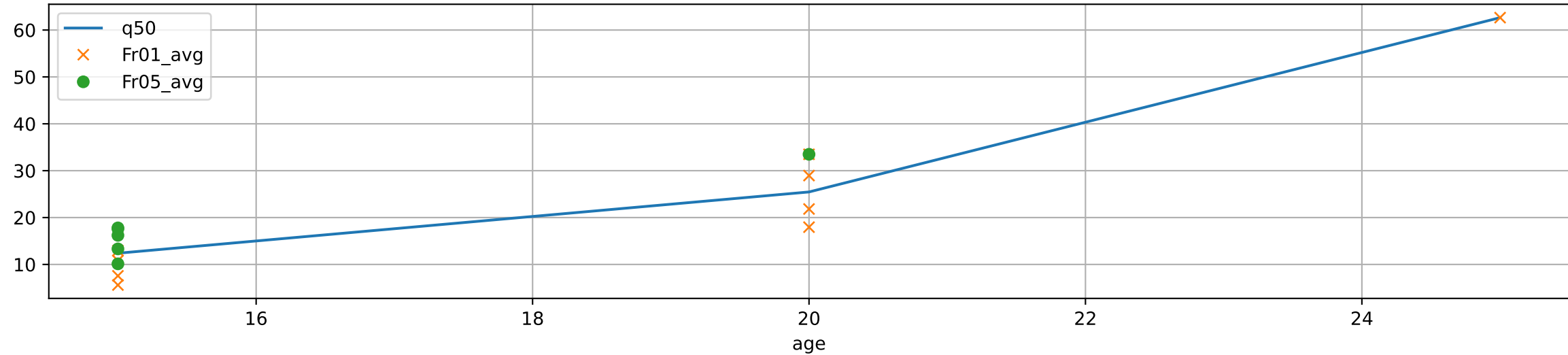
age=25



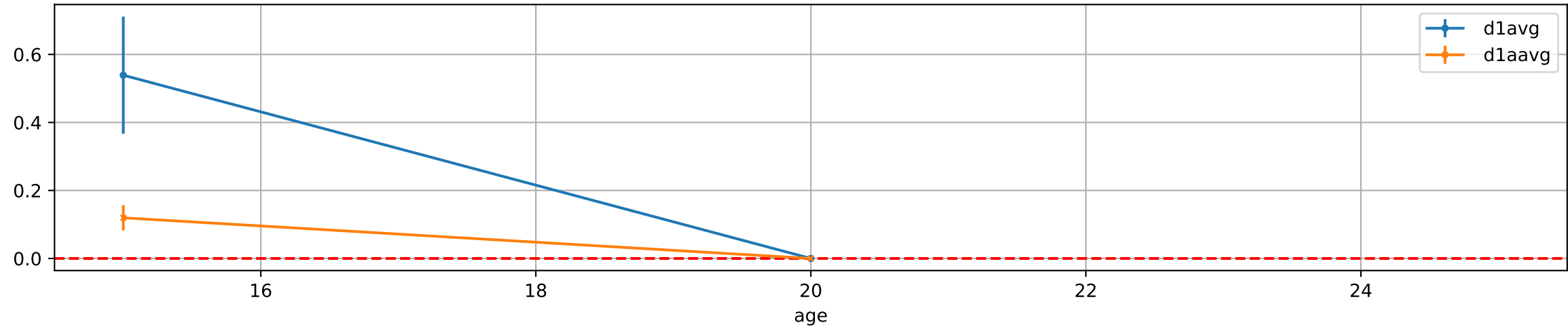
FrV: model Est vs obsFrV at Q90



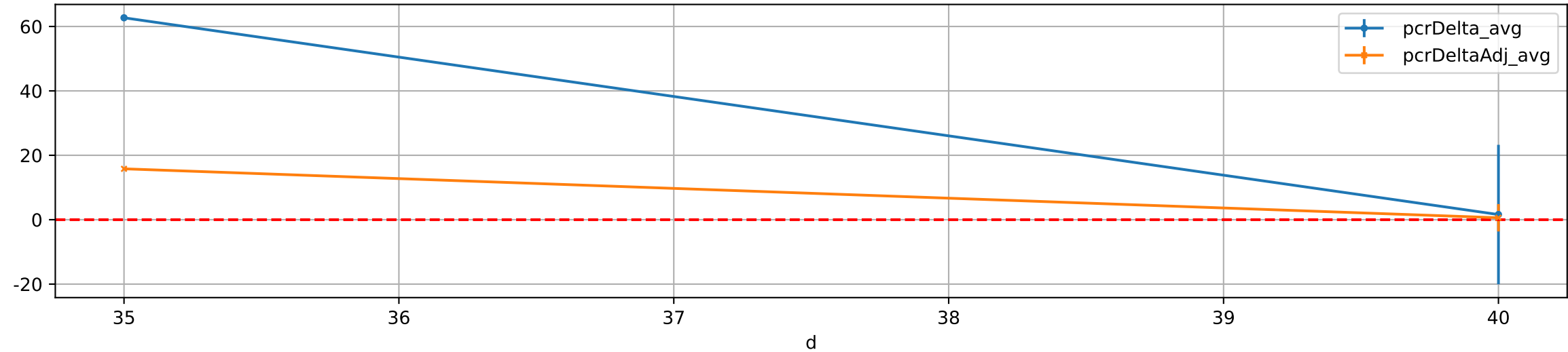
FrV: obsFrV vs obsFrV@Q90



FrV: D_Fr1_FrV
organID=1

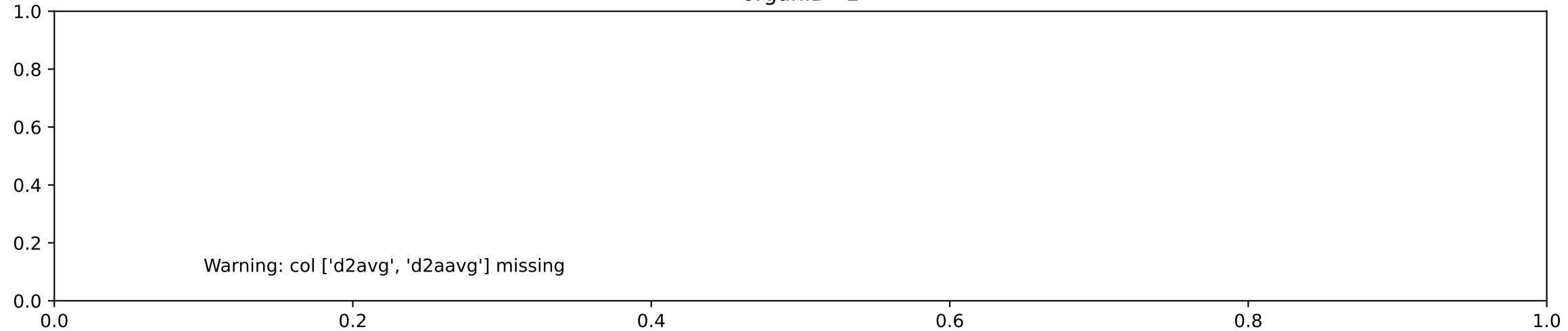


P6AW FrV: D_Fr1_FrV

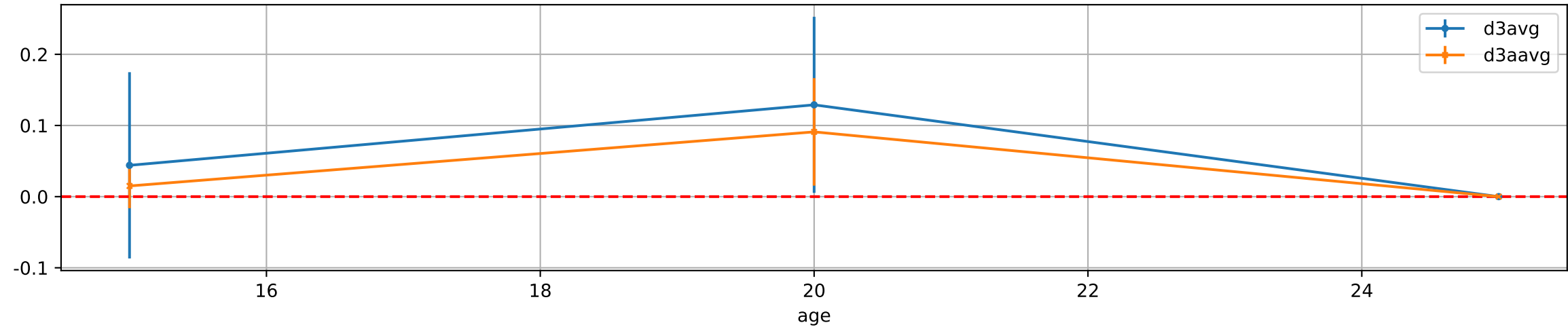


FrV: D_Ts_FrV
organID=1

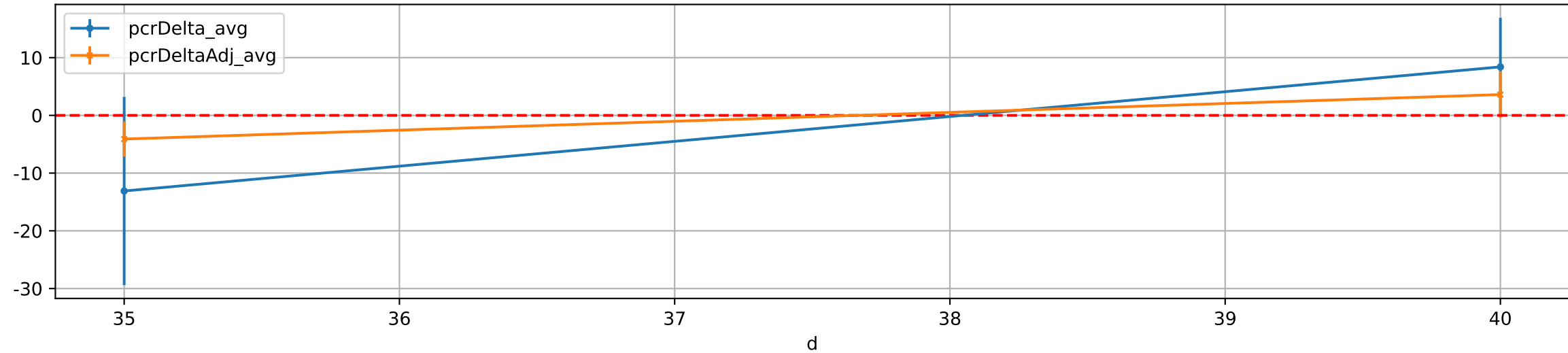
Warning: col ['d2avg', 'd2aavg'] missing



FrV: D_Q50_FrV
organID=1



P6AW FrV: D_Q50_FrV



FrV: D_Est_FrV
organID=1

