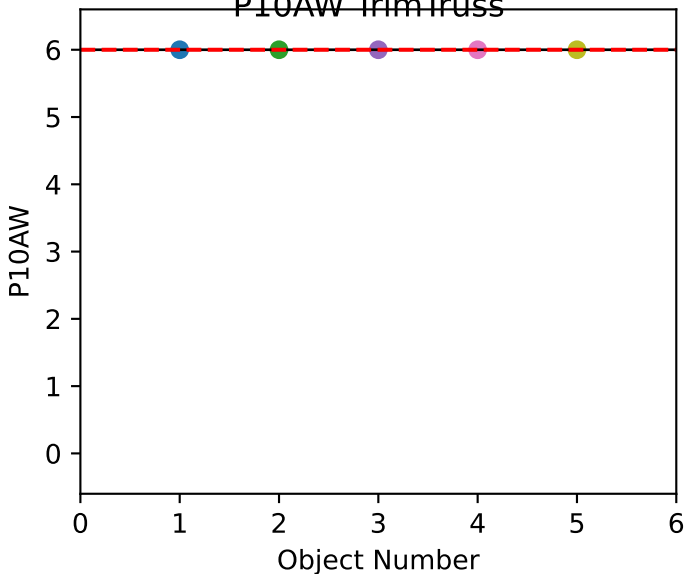


Phenotype Data Analysis Plots
PhenoData day range = 10 - 48
Analysis cutoff day = 48
NC11 P10
2025-05-19 (Day 49)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

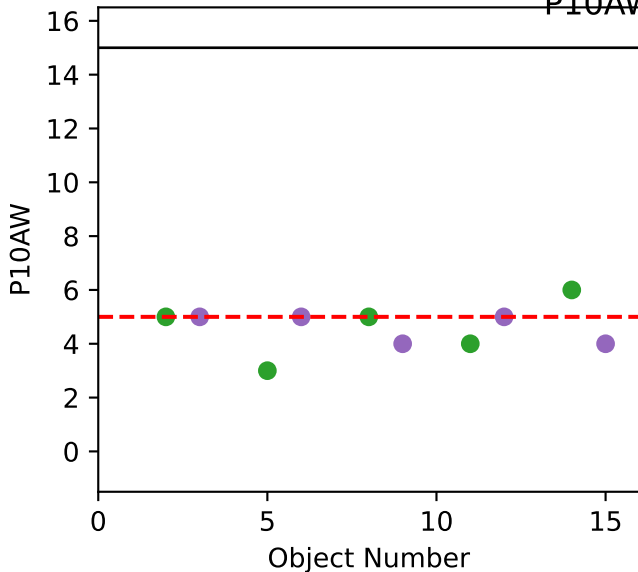
P10AW Trim Truss



FruitNumAvgPerTruss (Def=15 Set=5)

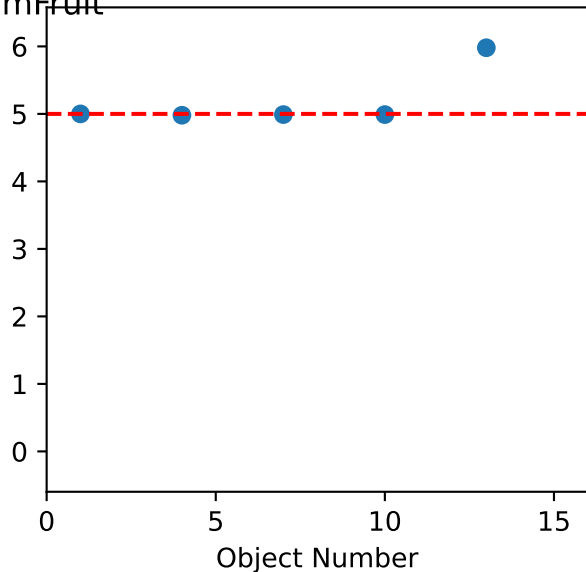
avg1=5.0~17% avg2=na

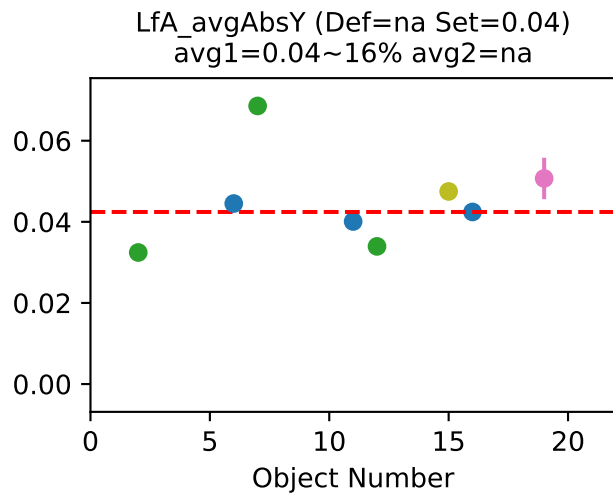
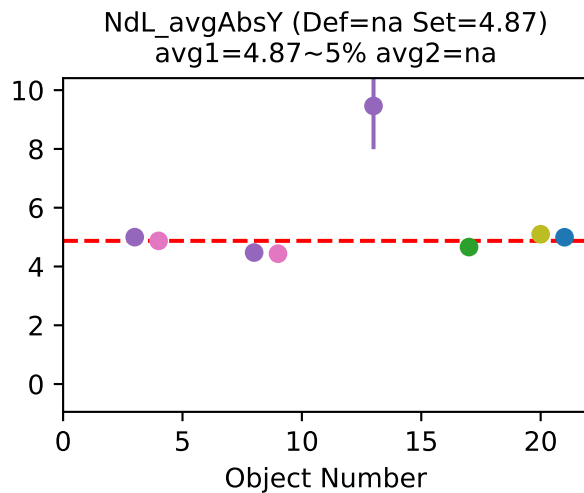
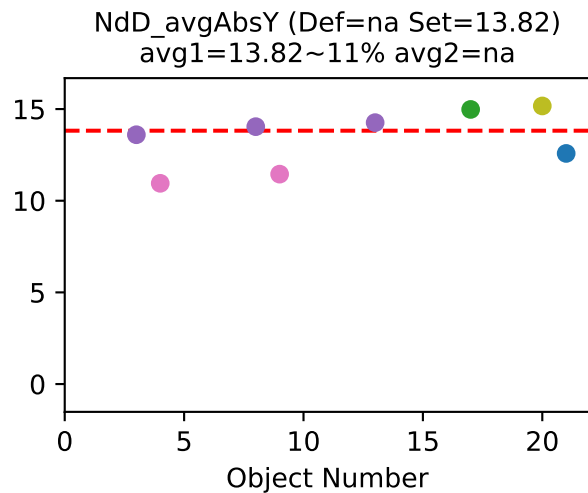
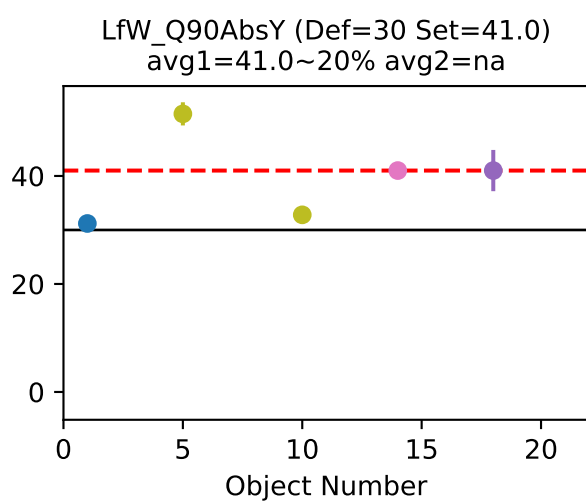
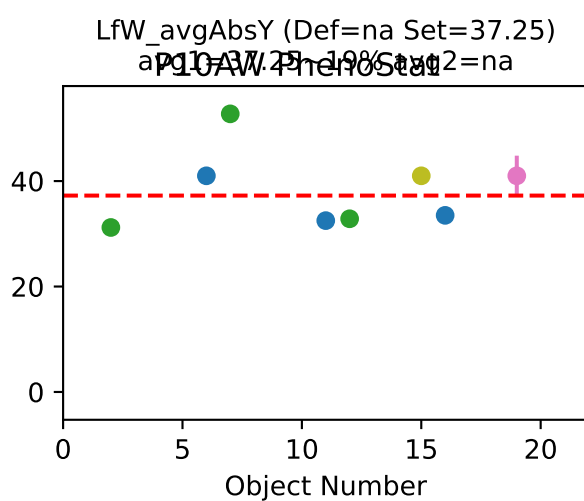
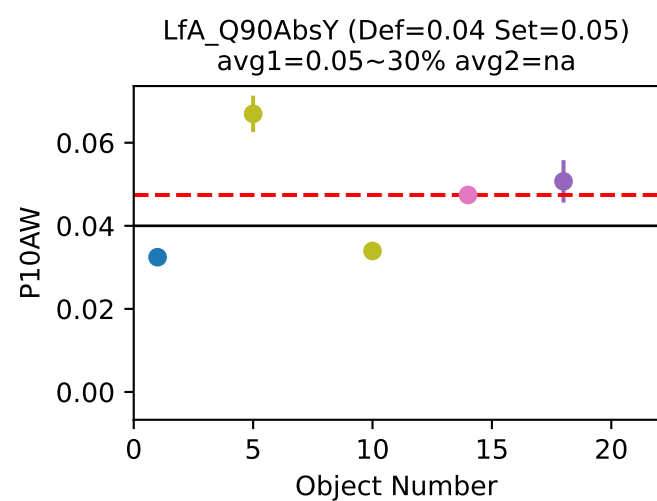
P10AW TrimFruit



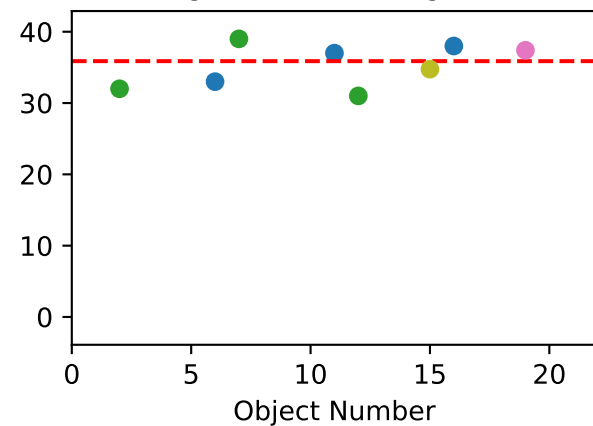
FruitNumMaxPerTruss (Def=na Set=5)

avg1=5.0~0% avg2=na

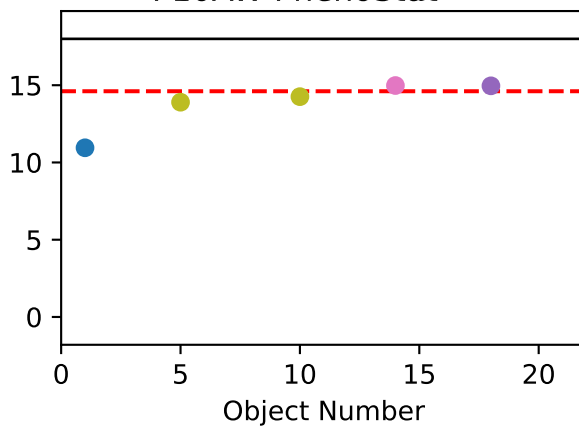




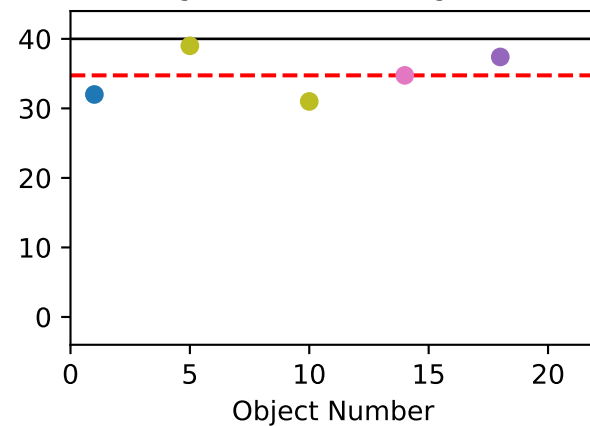
LfL_avgAbsY (Def=na Set=35.88)
avg1=35.88~8% avg2=na



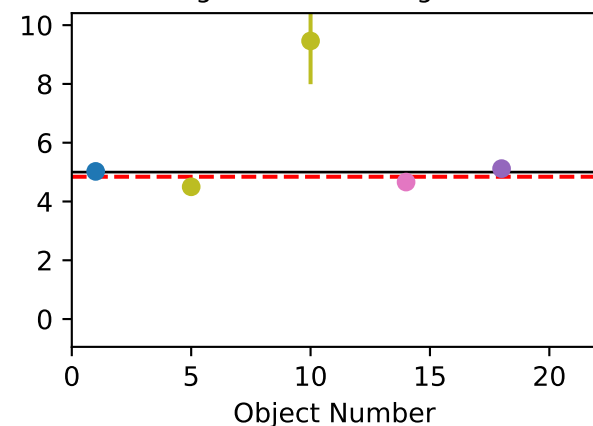
NdD_Q90AbsY (Def=18 Set=14.61)
avg1=14.61~4% avg2=na



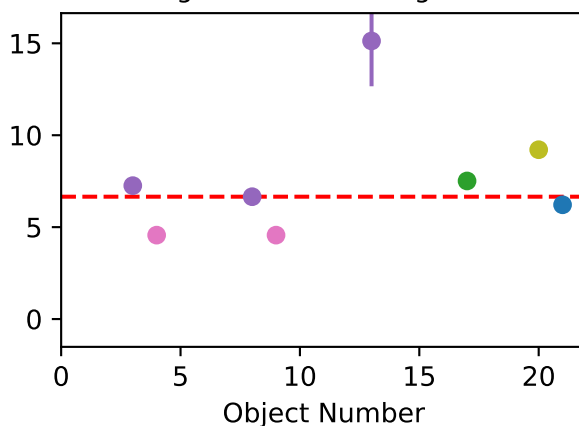
LfL_Q90AbsY (Def=40 Set=34.75)
avg1=34.75~10% avg2=na



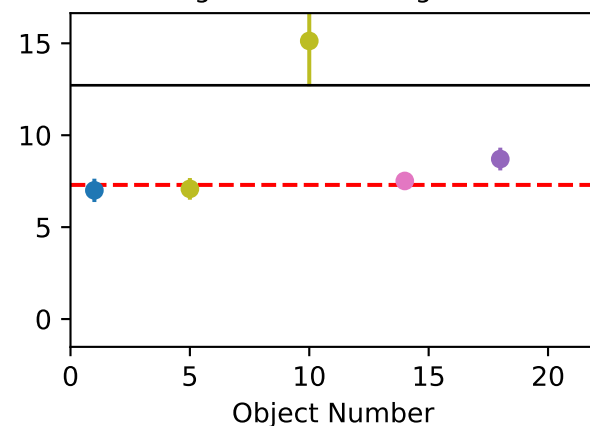
NdL_Q90AbsY (Def=5 Set=4.84)
avg1=4.84~6% avg2=na



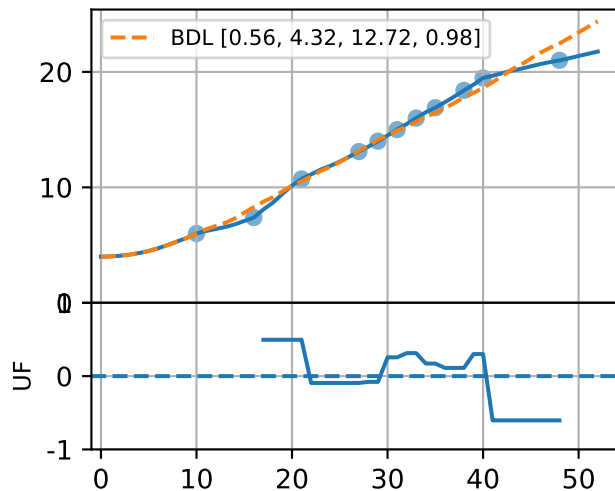
NdV_avgAbsY (Def=na Set=6.66)
avg1=6.66~25% avg2=na



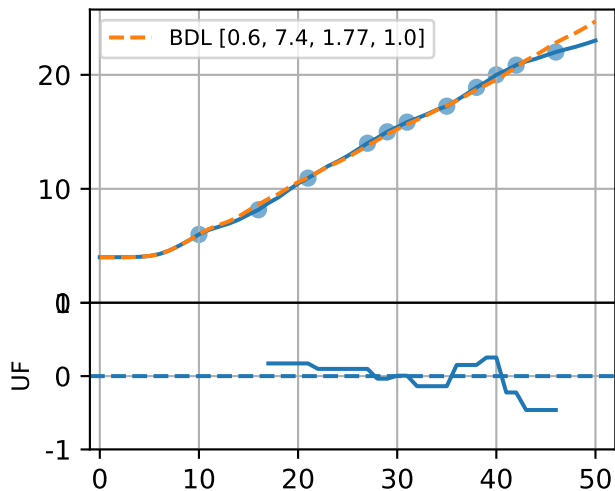
NdV_Q90AbsY (Def=12.72 Set=12.72)
avg1=7.3~11% avg2=na



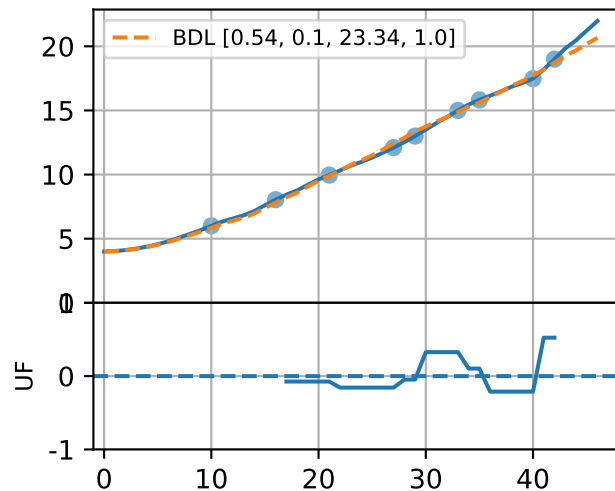
P10AW-003-11 (fit failed)



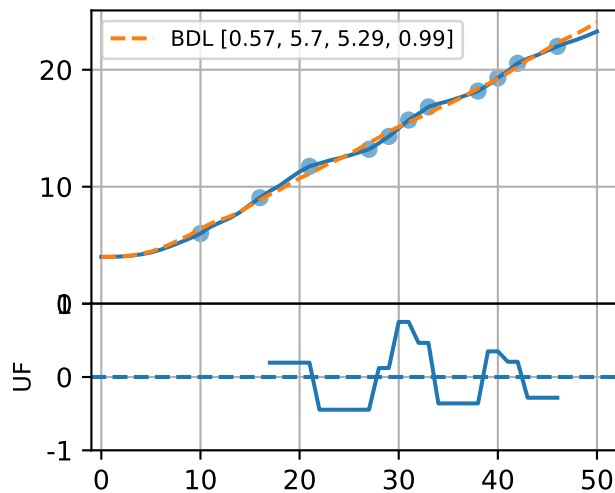
P10AW-016-13 (fit failed)



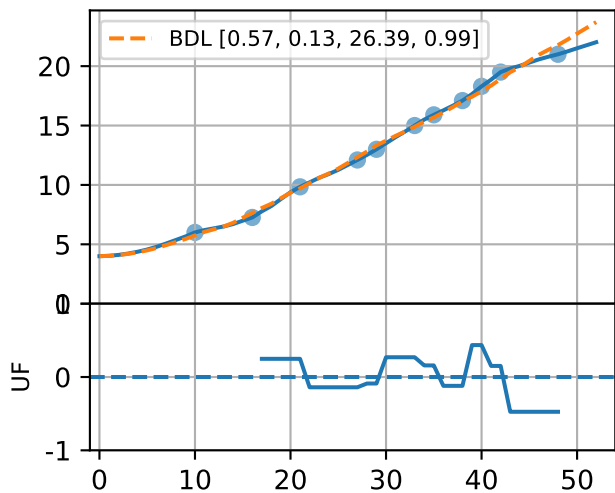
P10AW-029-30 (fit failed)



P10AW-041-24 (fit failed)



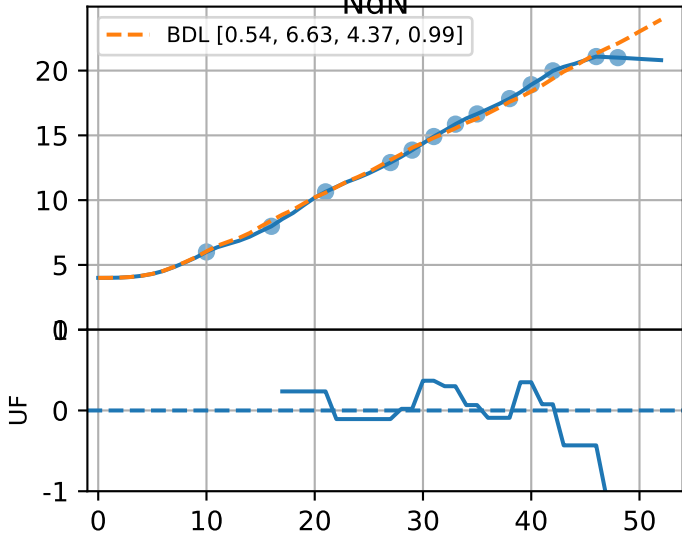
P10AW-054-10 (fit failed)



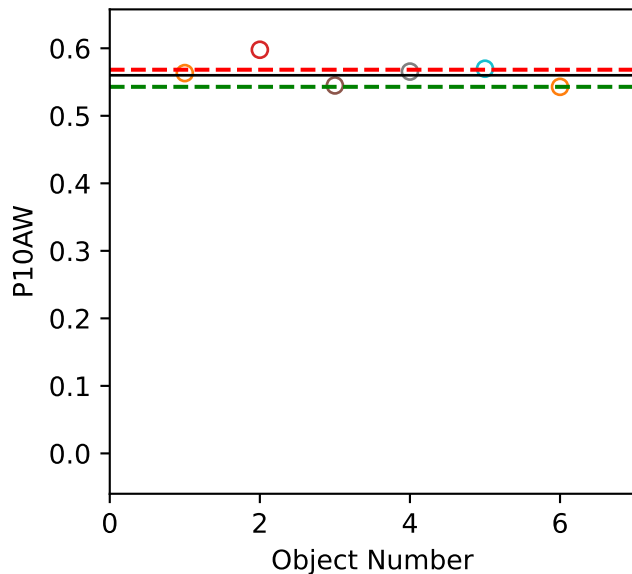
P10AWavg (fit failed)

NaN

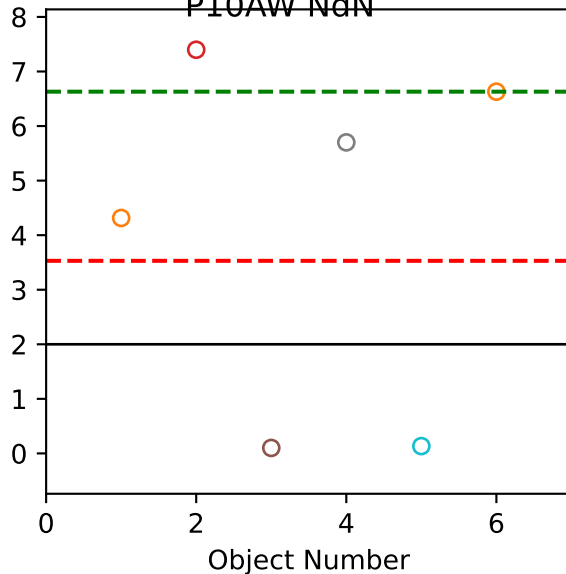
BDL [0.54, 6.63, 4.37, 0.99]



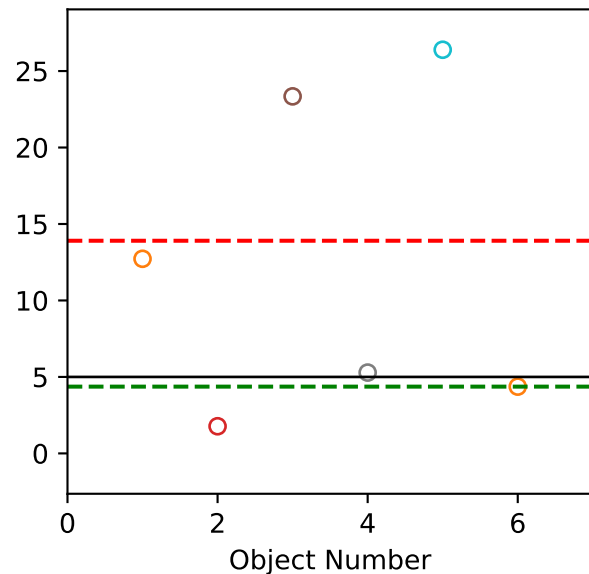
a (Def=0.56 Set=0.54)
avg1=0.57(fail) avg2=0.54



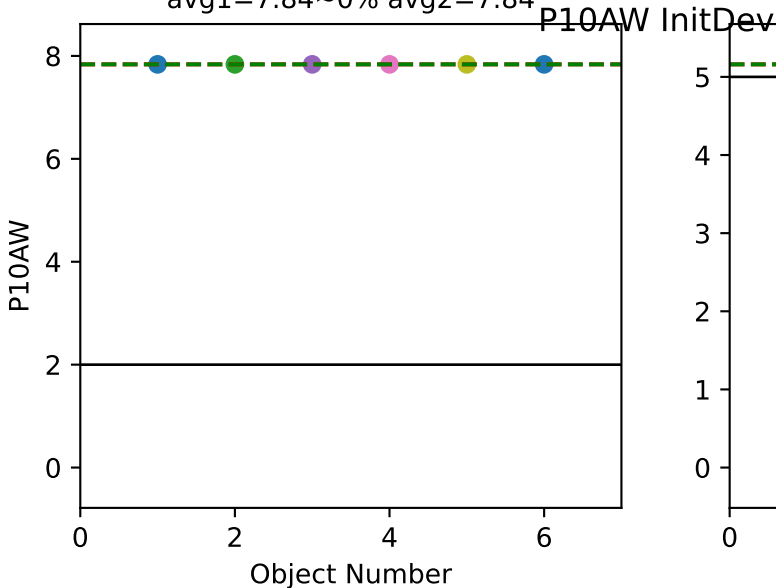
dm (Def=2 Set=6.63)
avg1=3.53(fail) avg2=6.63



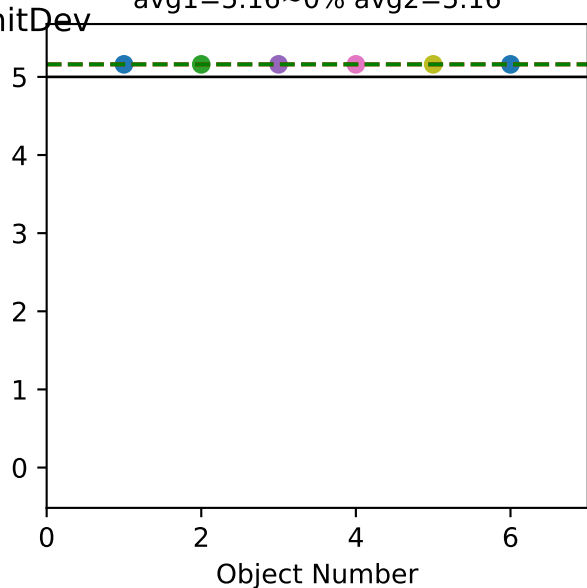
de (Def=5 Set=4.37)
avg1=13.9(fail) avg2=4.37



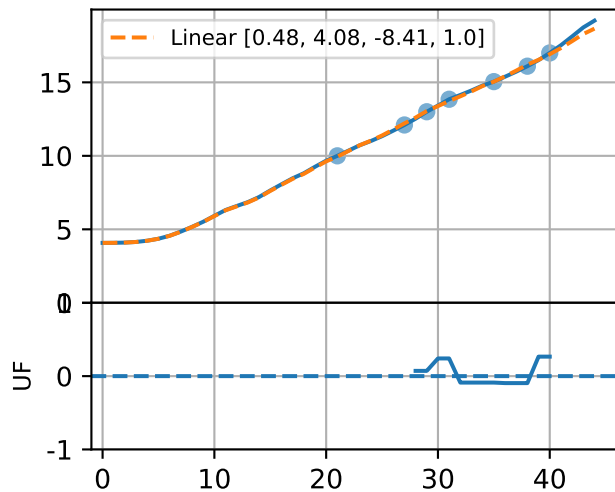
InitDev_dm (Def=2 Set=7.84)
avg1=7.84~0% avg2=7.84



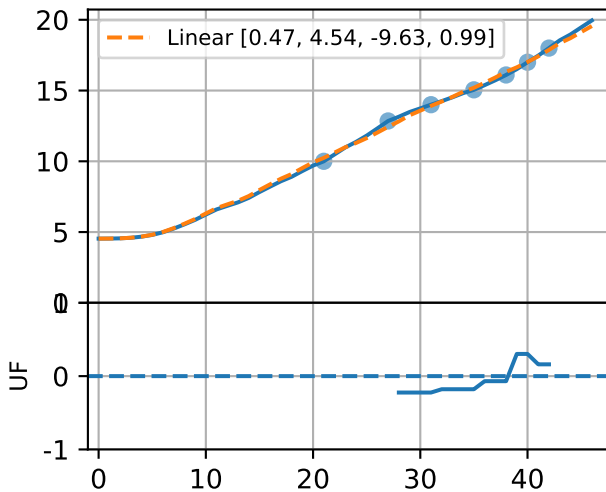
InitDev_de (Def=5 Set=5.16)
avg1=5.16~0% avg2=5.16



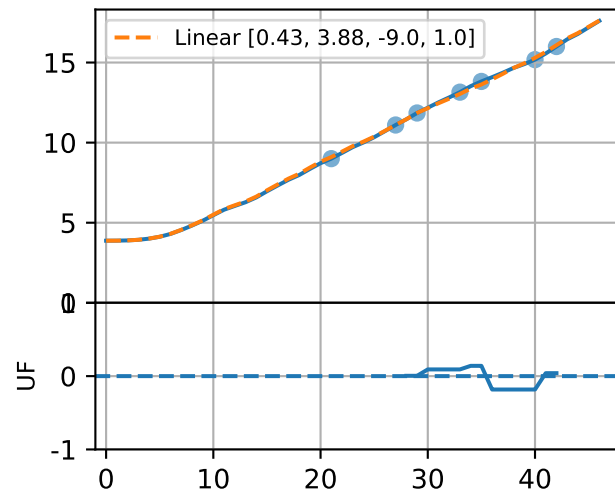
P10AW-003-11



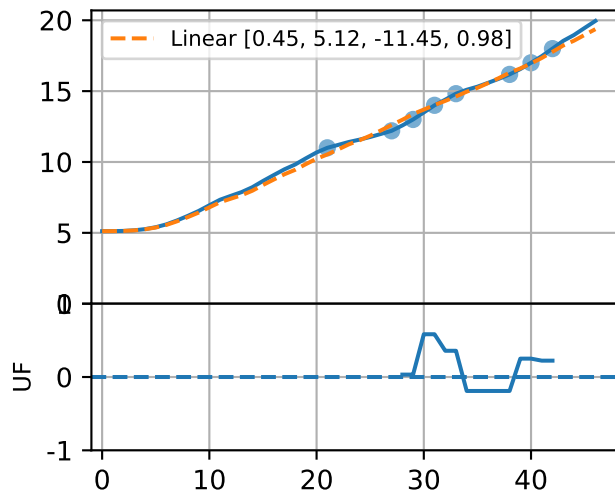
P10AW-016-3



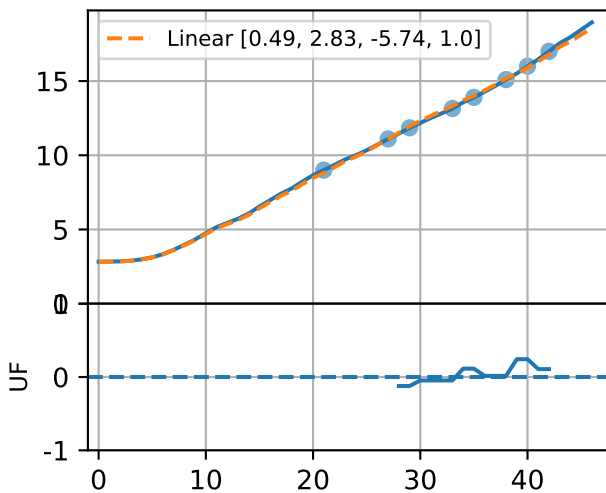
P10AW-029-30



P10AW-041-24

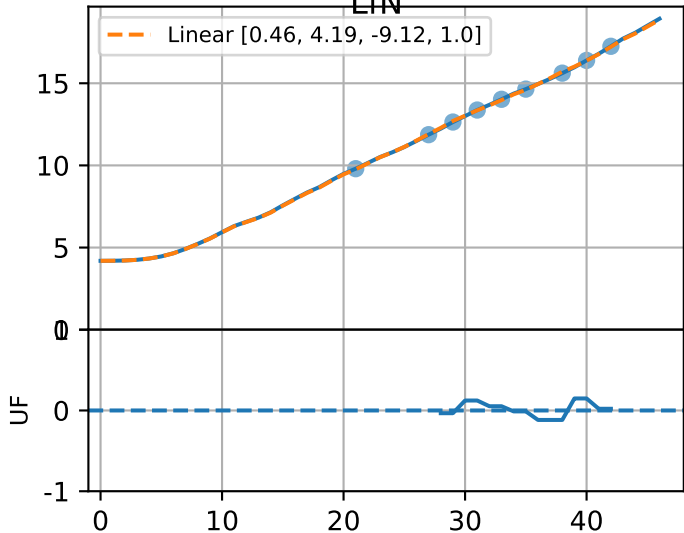


P10AW-054-10

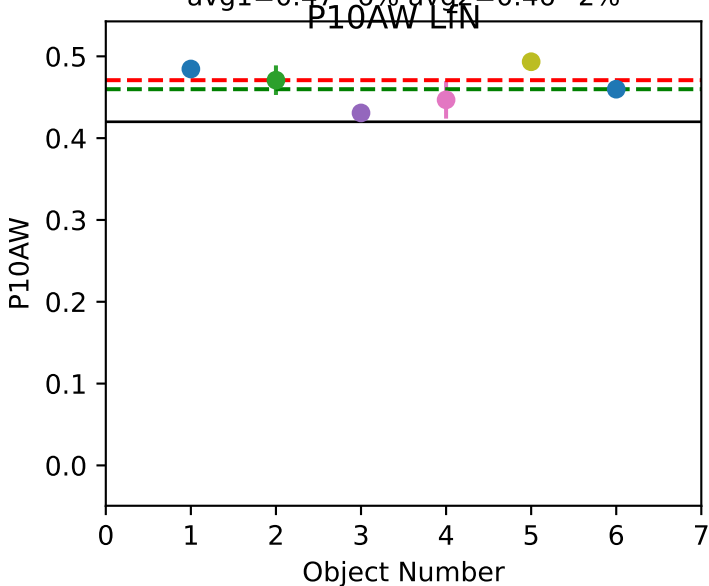


P10AWavg

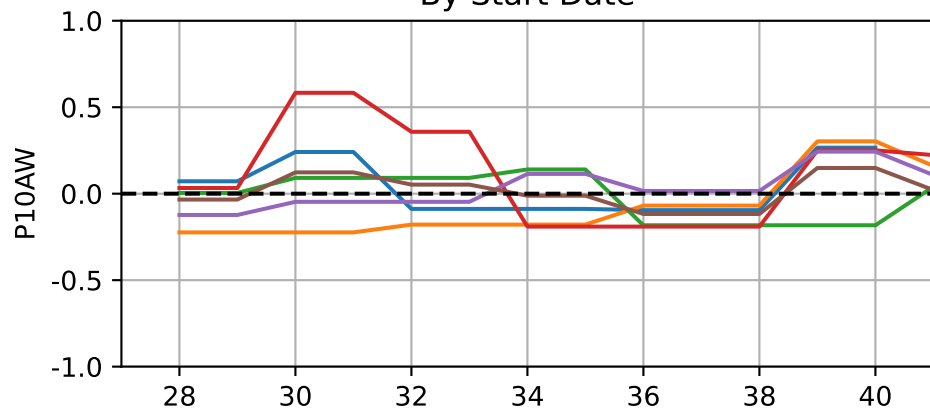
LfN



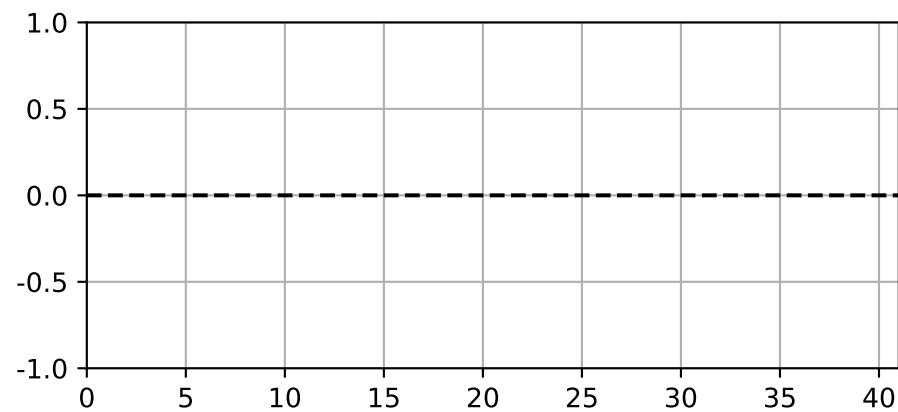
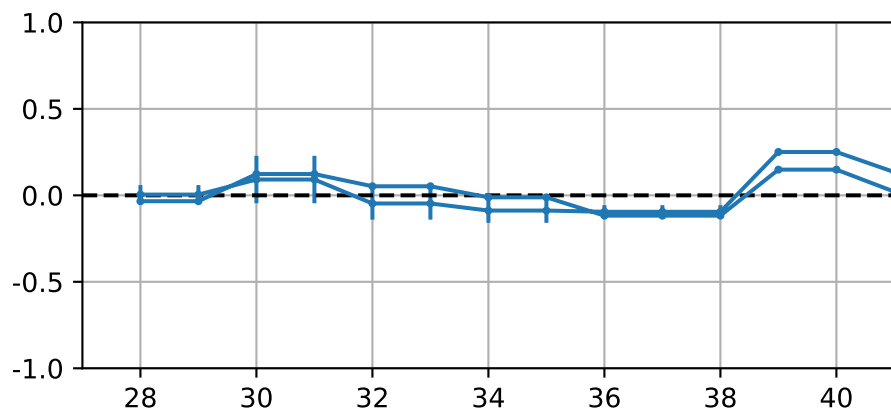
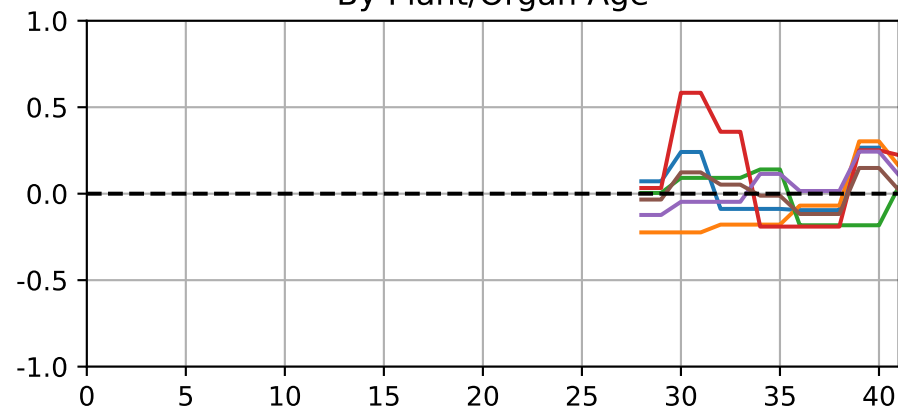
a (Def=0.42 Set=0.46)
avg1=0.47~6% avg2=0.46~2%



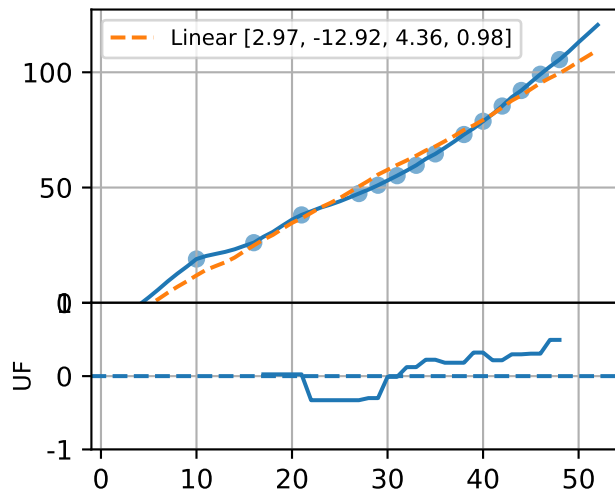
By Start Date



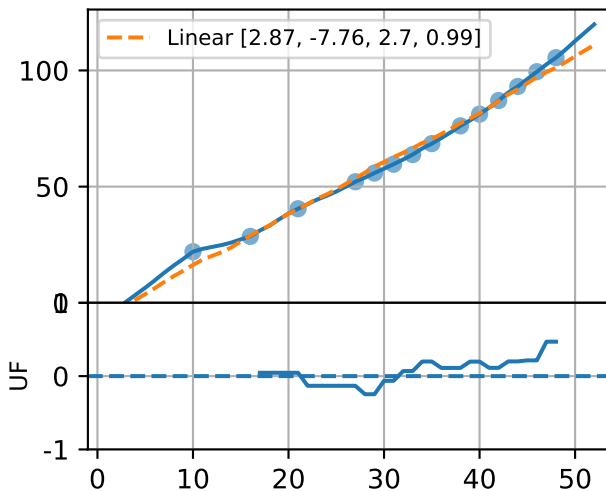
By Plant/Organ Age



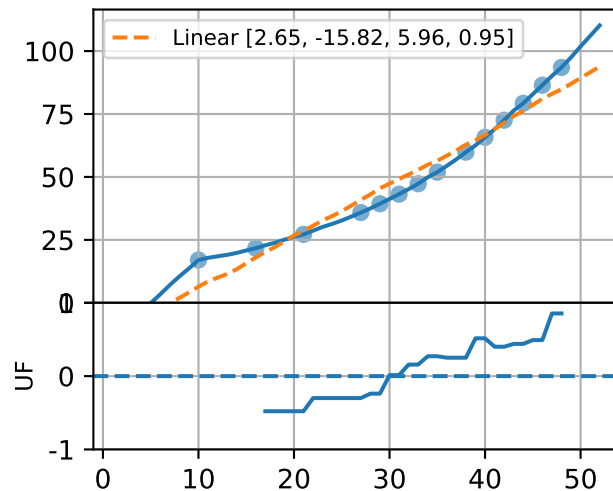
P10AW-003-11



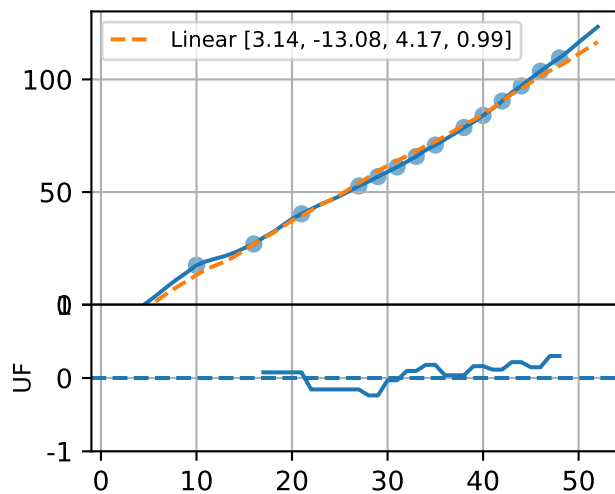
P10AW-016-3



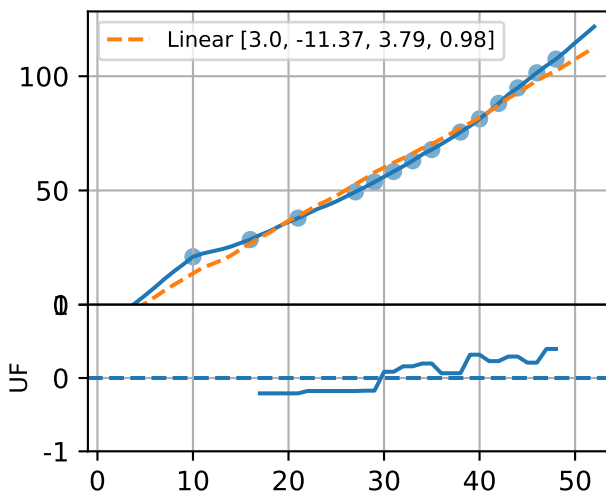
P10AW-029-30



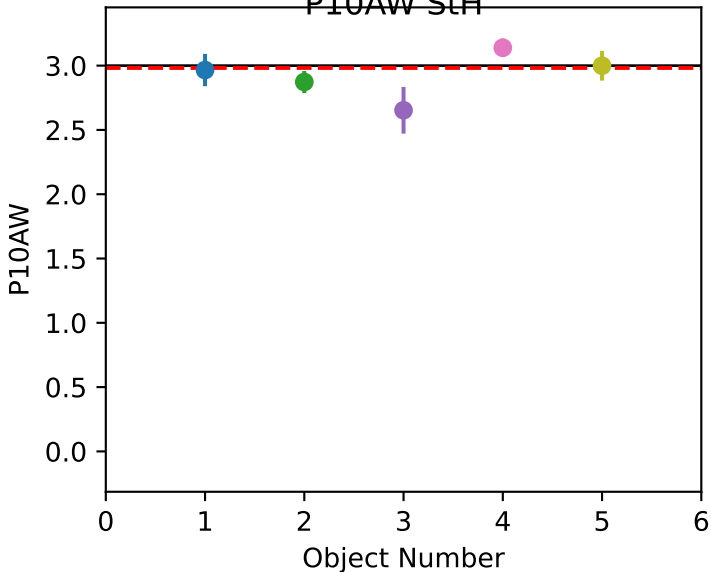
P10AW-041-24



P10AW-054-10

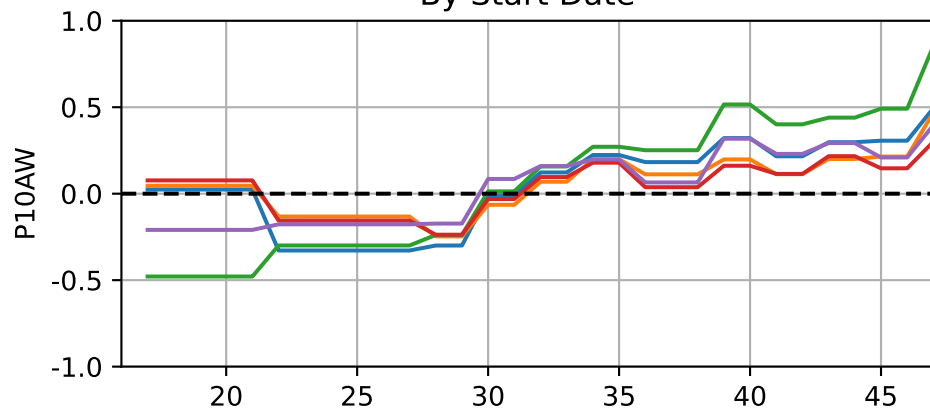


a (Def=3 Set=2.98)
avg1=2.98~4% avg2=na
P10AW StH

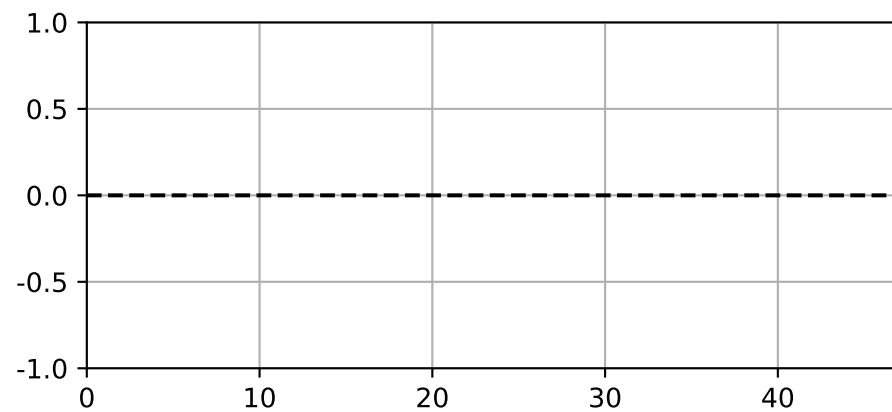
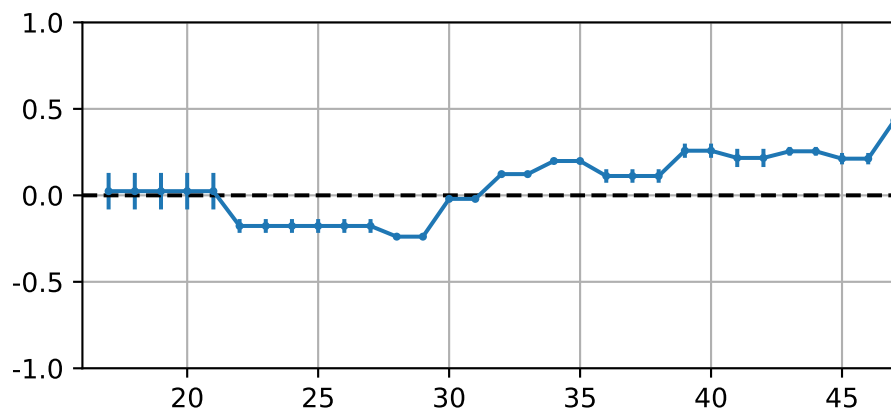
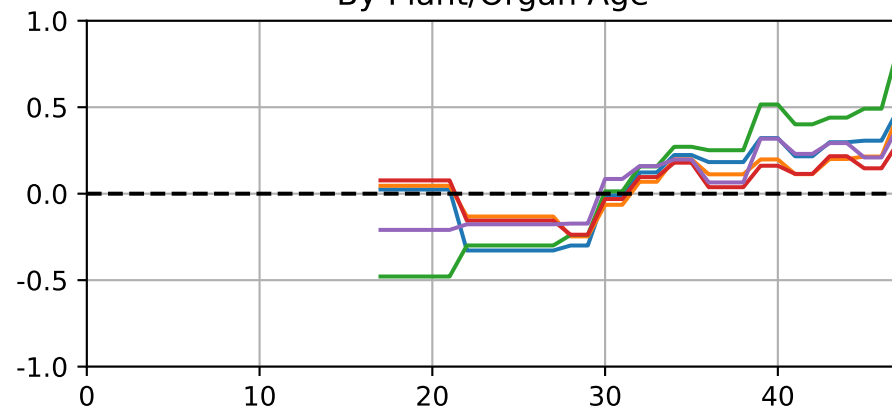


StH

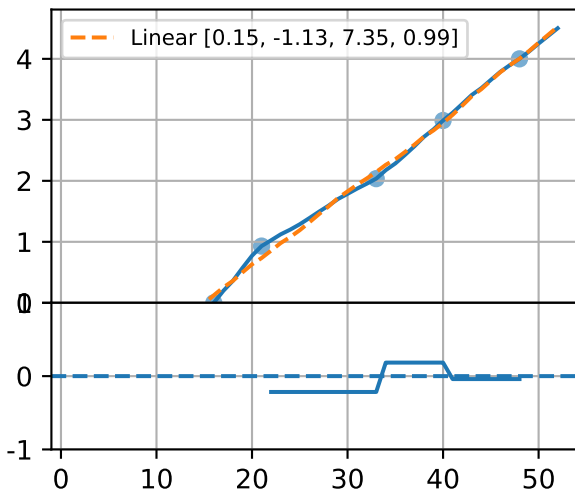
By Start Date



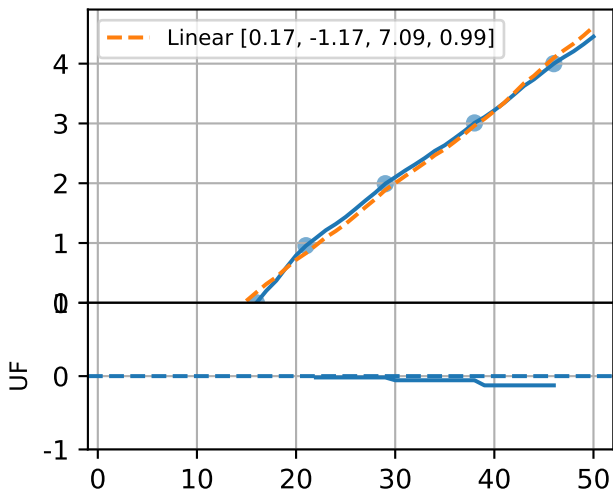
By Plant/Organ Age



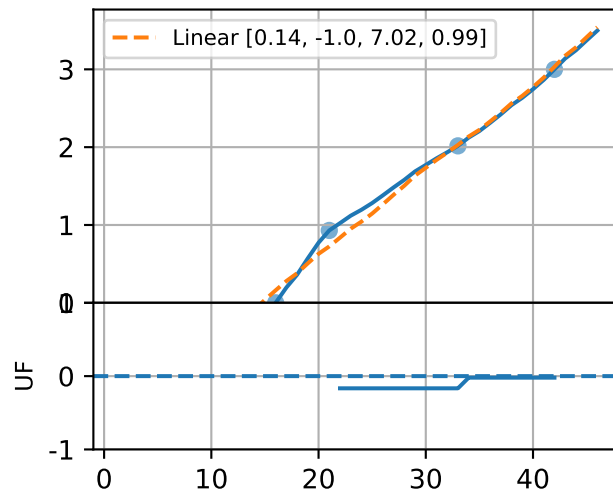
P10AW-003-11



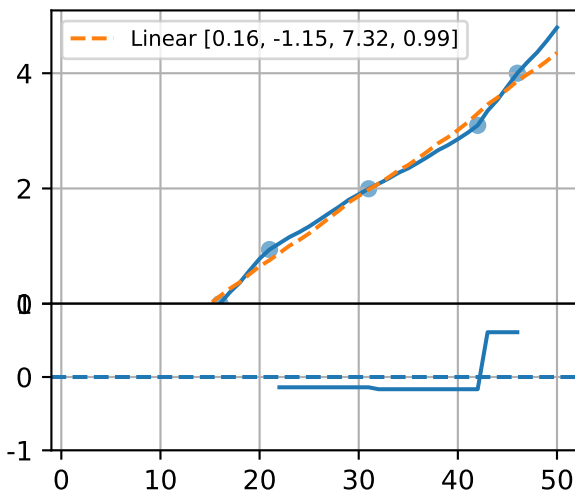
P10AW-016-3



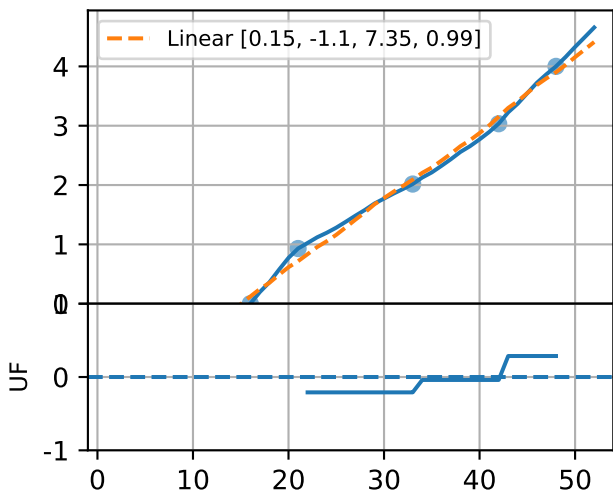
P10AW-029-30



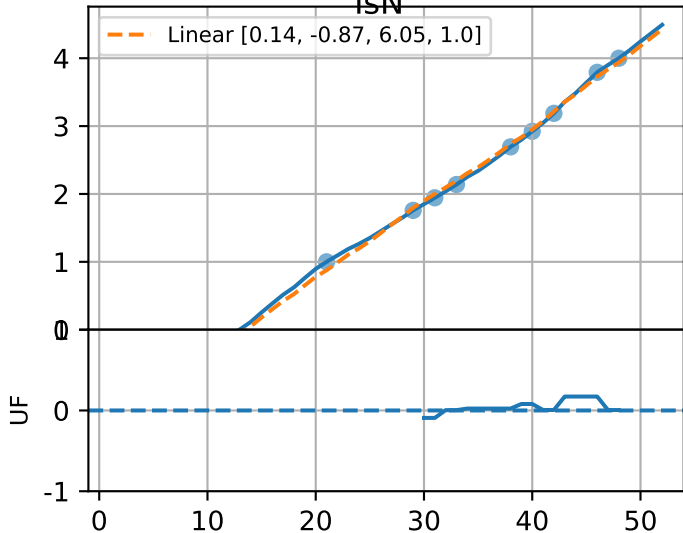
P10AW-041-24

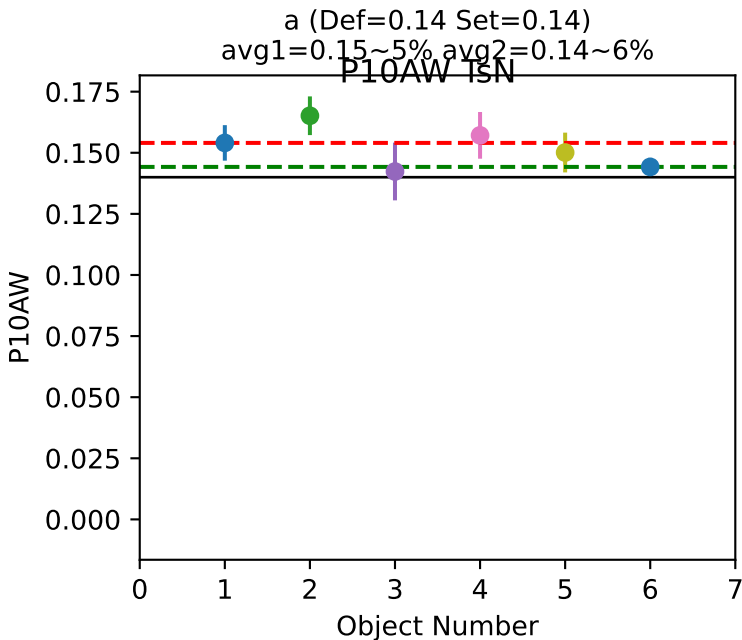


P10AW-054-10



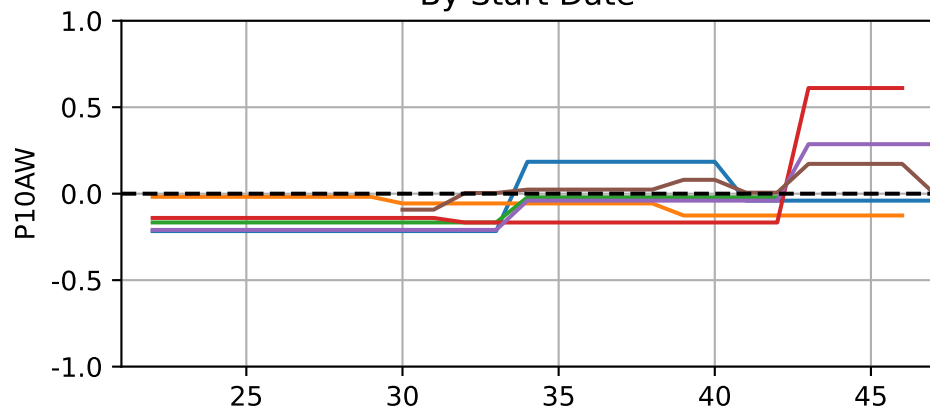
P10AWavg TSN



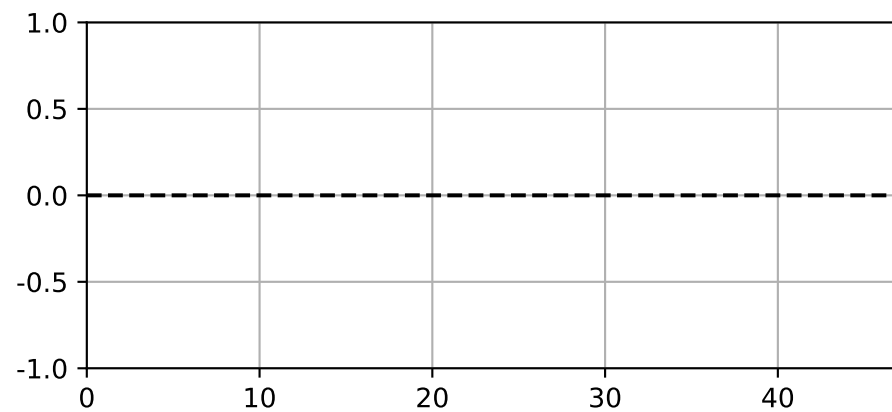
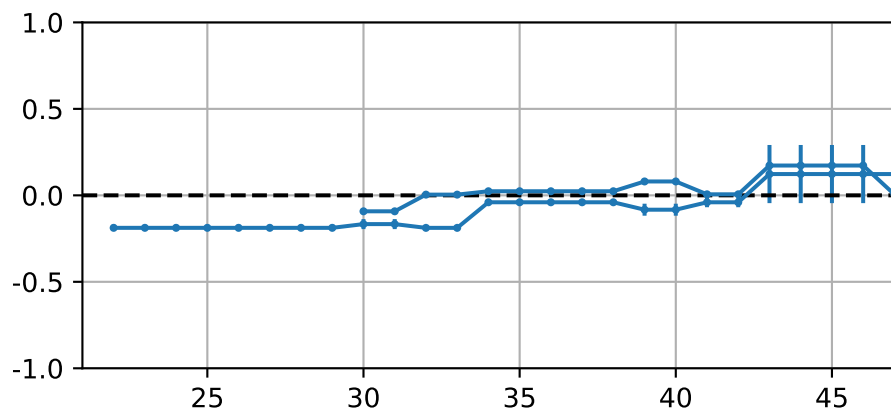
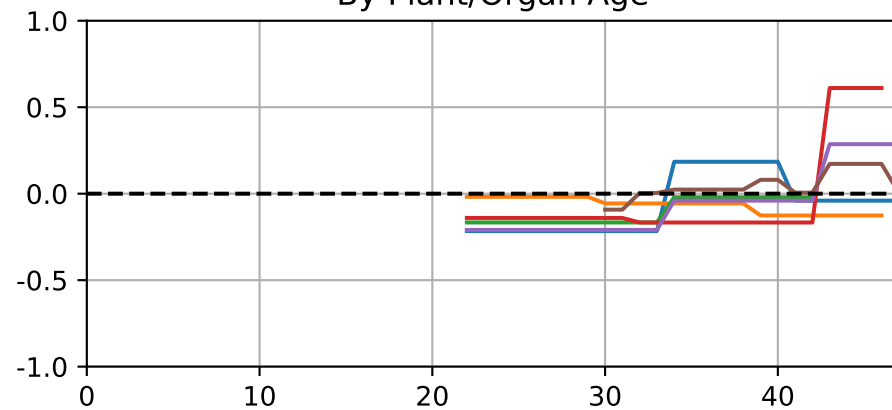


TsN

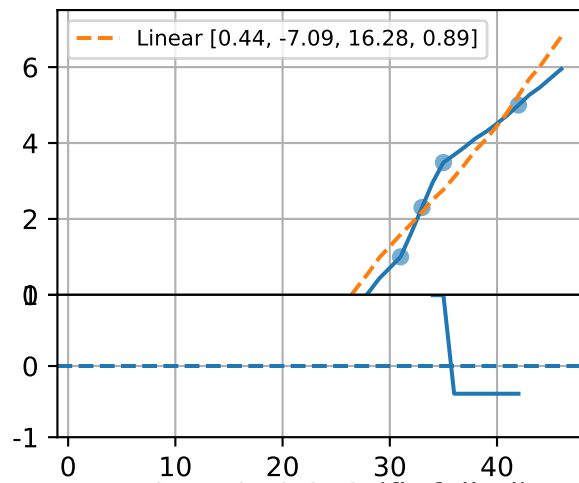
By Start Date



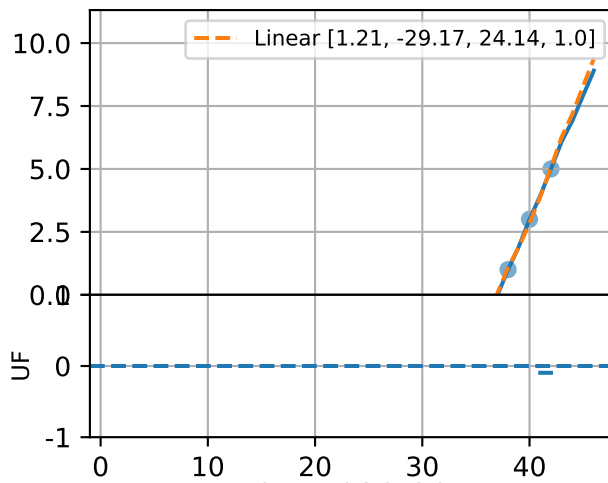
By Plant/Organ Age



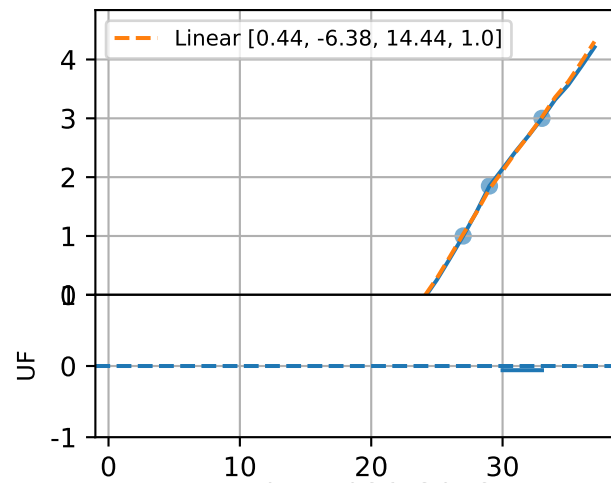
P10AW-003-11T1



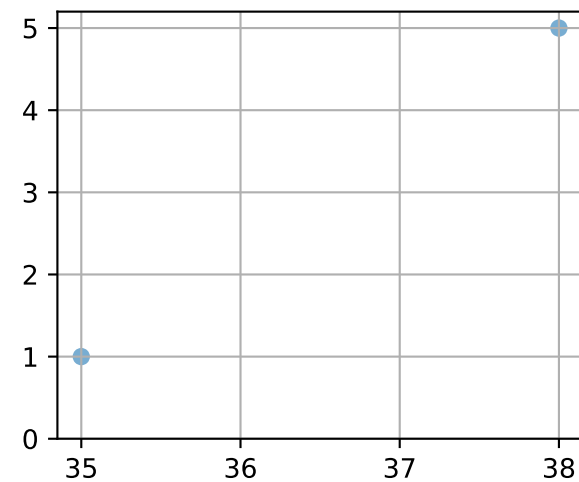
P10AW-003-11T2



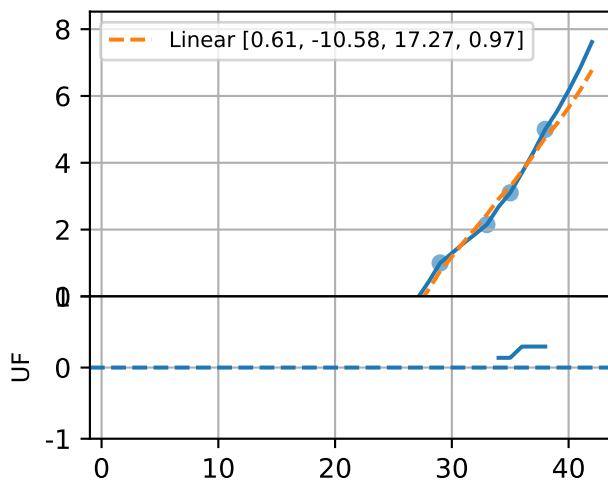
P10AW-016-3T1



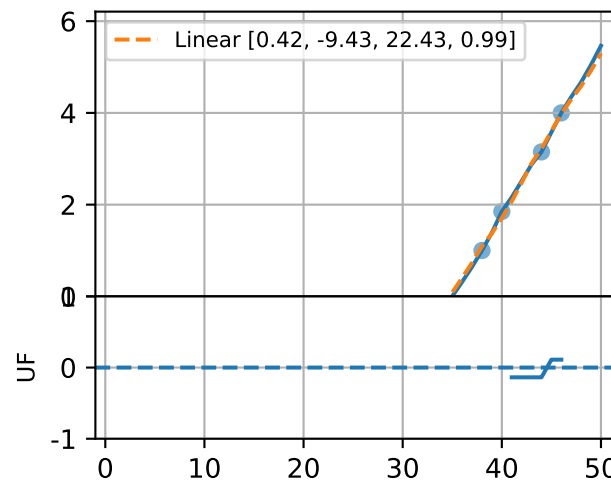
P10AW-016-3T2 (fit failed)



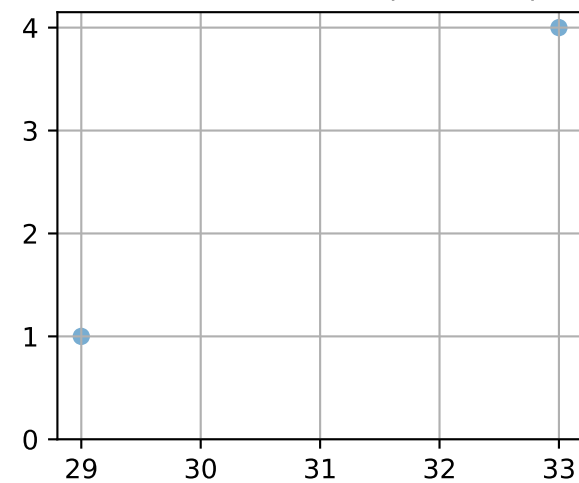
P10AW-029-30T1



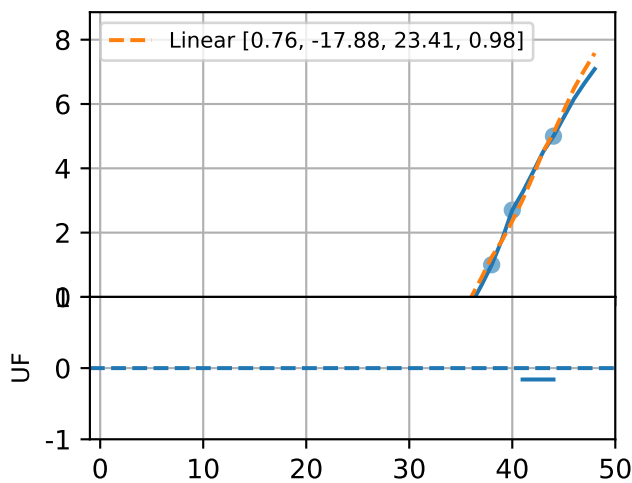
P10AW-029-30T2



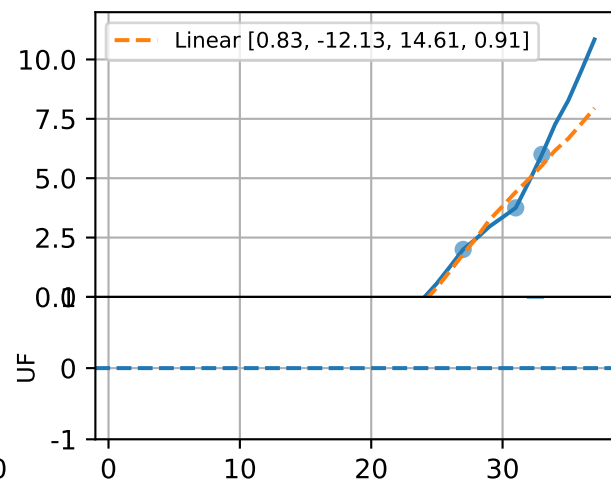
P10AW-041-24T1 (fit failed)



P10AW-041-24T2

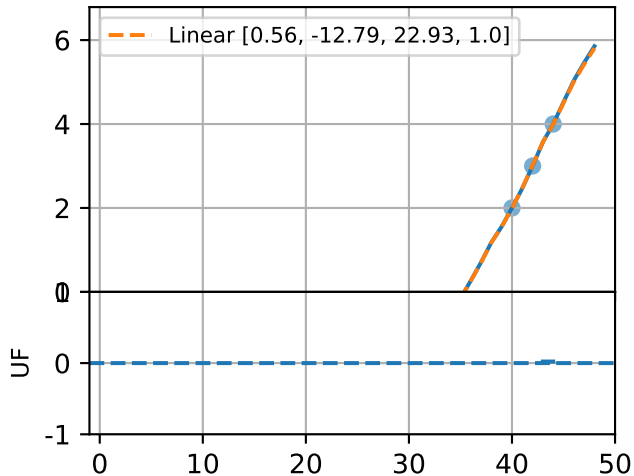


P10AW-054-10T1

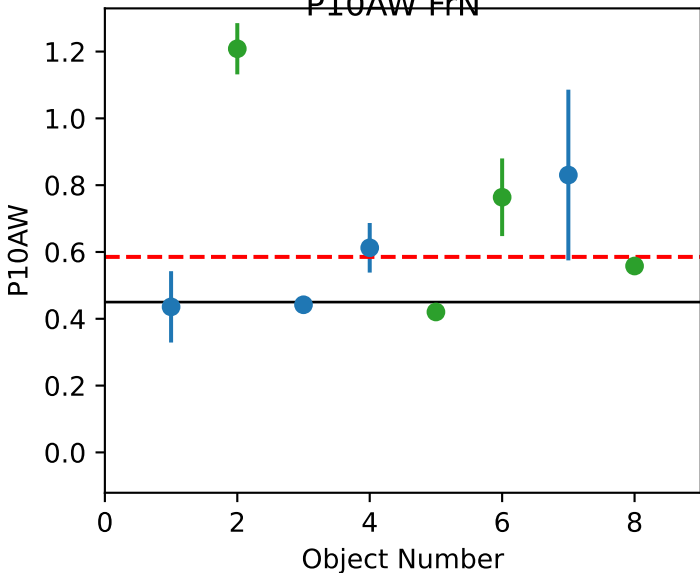


P10AW-054-10T2

FrN

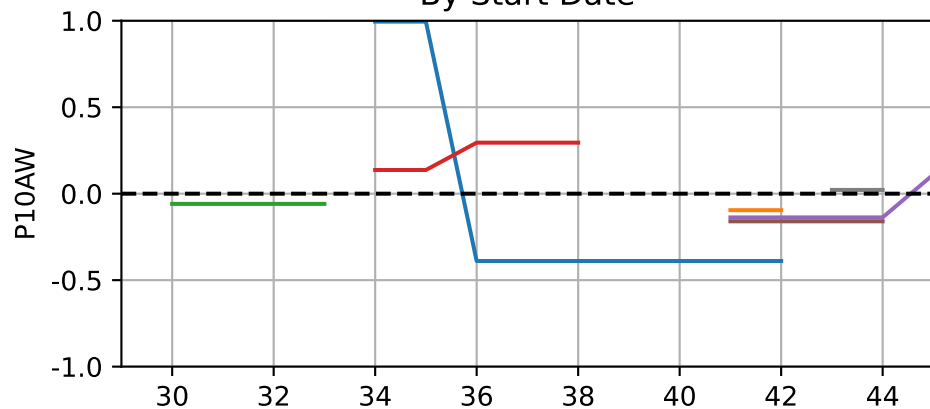


a (Def=0.45 Set=0.59)
avg1=0.59~46% avg2=na
P10AW FrN

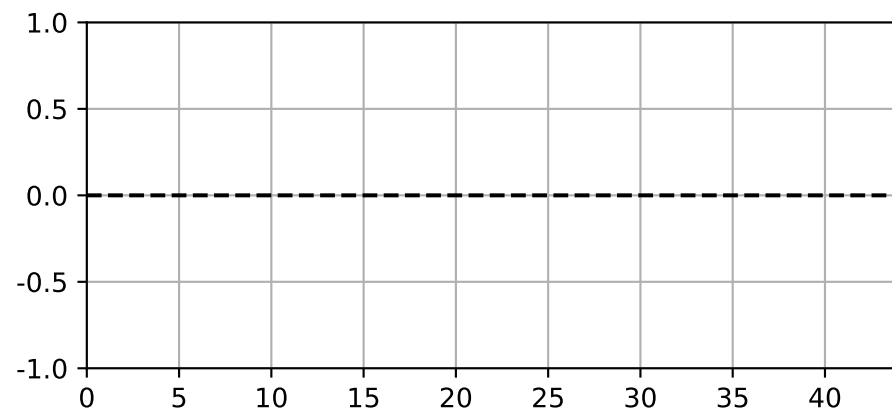
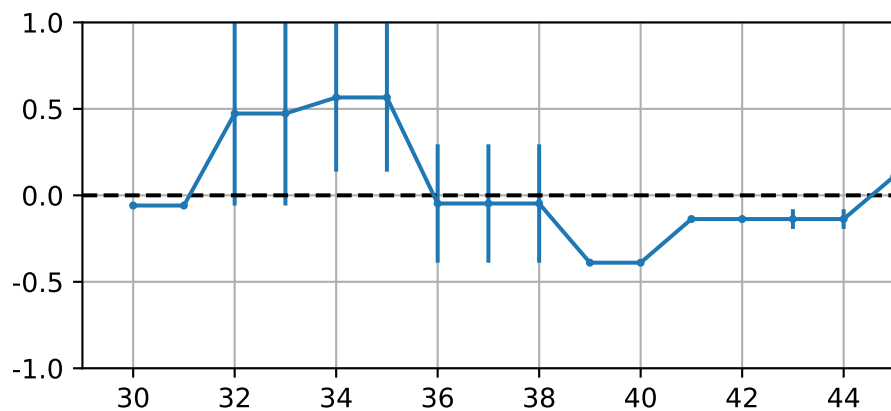
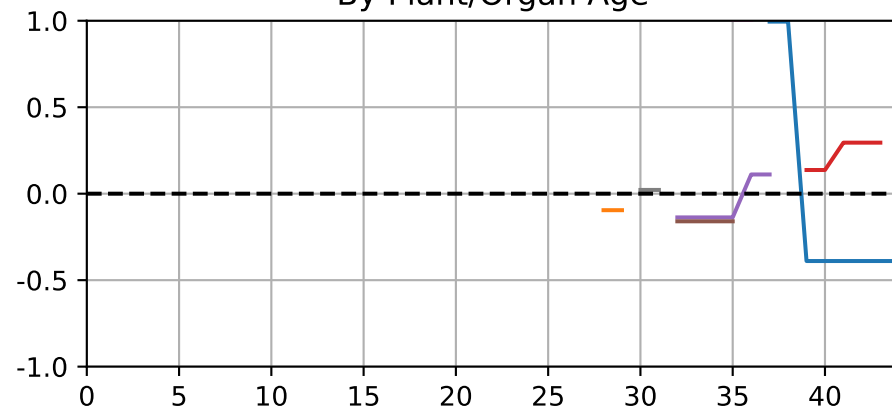


FrN

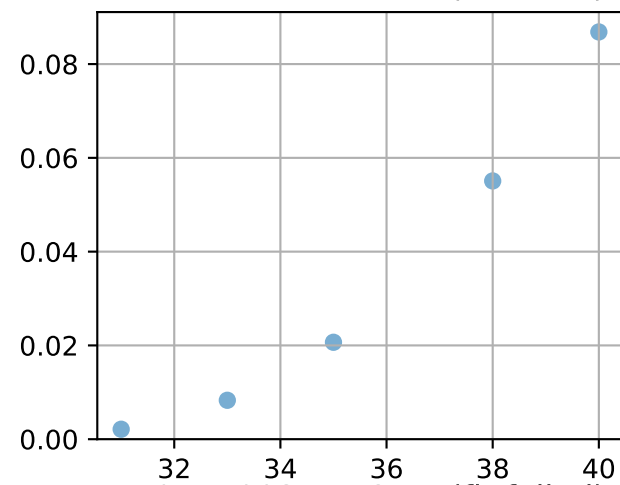
By Start Date



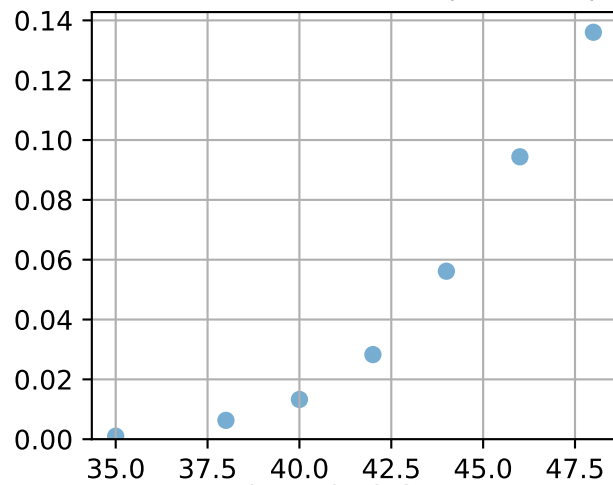
By Plant/Organ Age



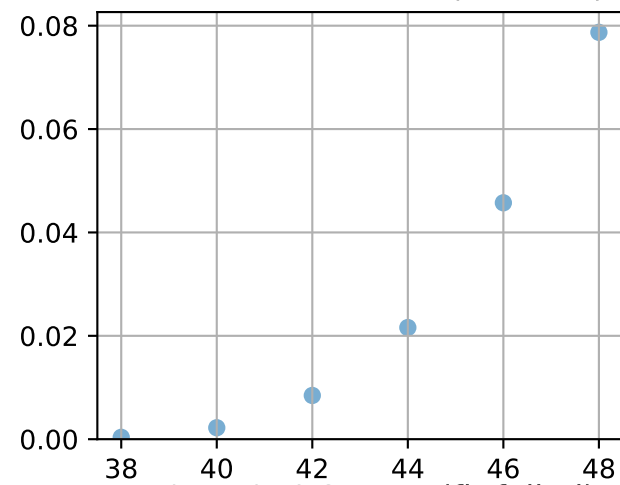
P10AW-003-11T1Fr1 (fit failed)



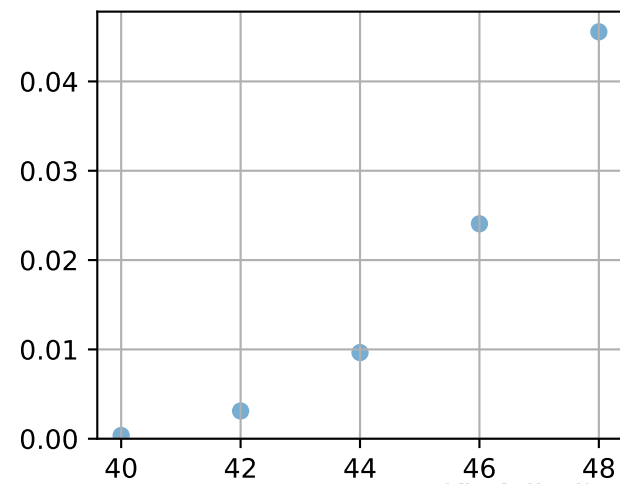
P10AW-003-11T1Fr5 (fit failed)



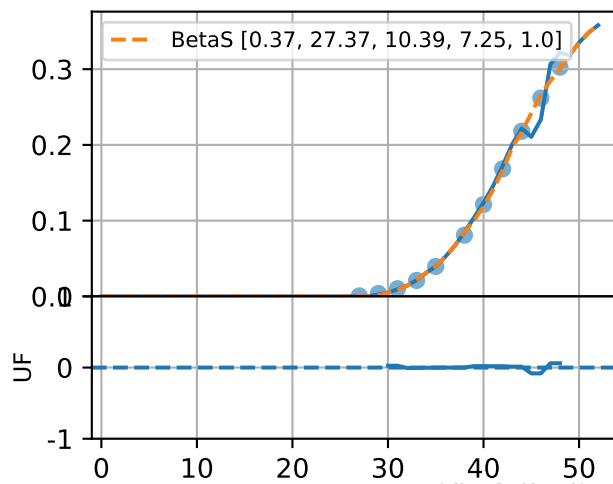
P10AW-003-11T2Fr1 (fit failed)



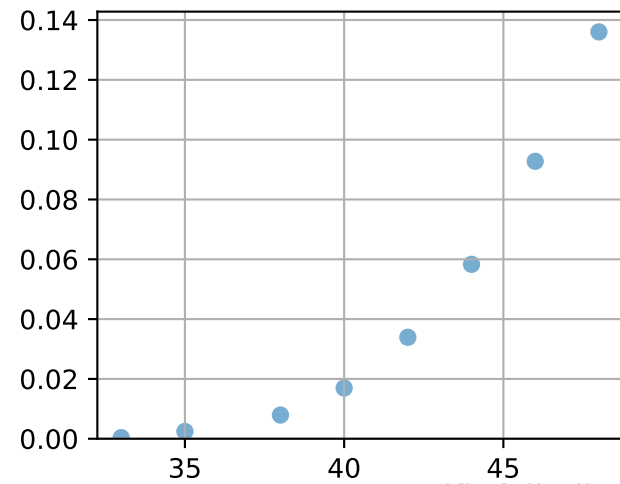
P10AW-003-11T2Fr5 (fit failed)



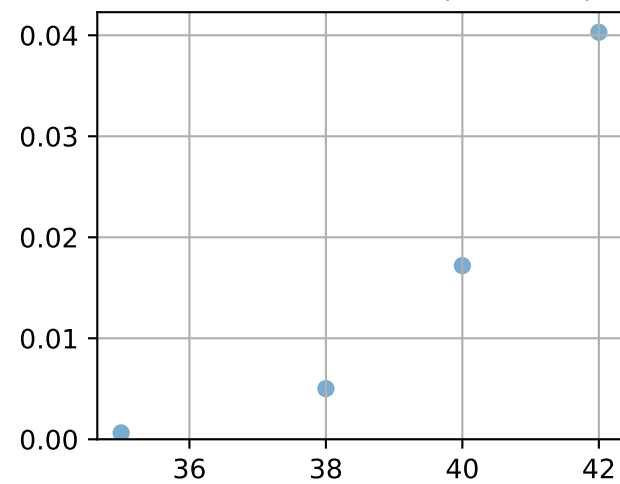
P10AW-016-3T1Fr1



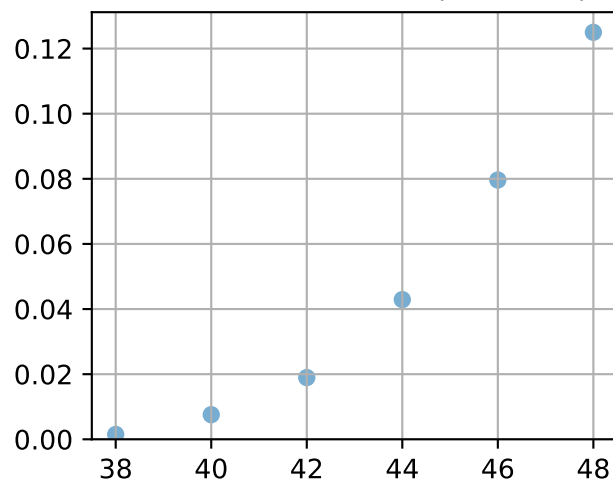
P10AW-016-3T1Fr5 (fit failed)



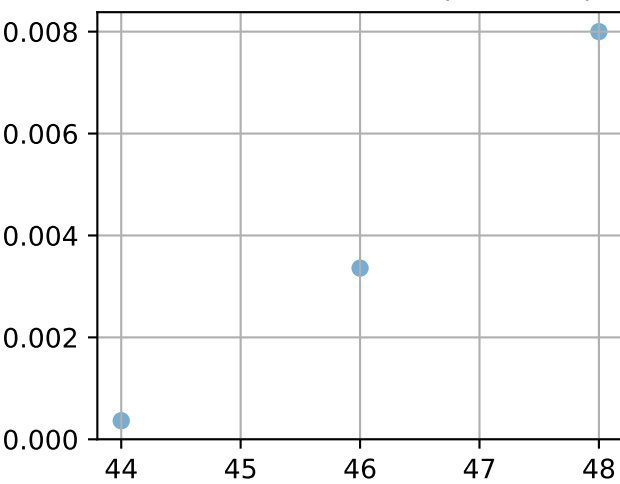
P10AW-016-3T2Fr1 (fit failed)



P10AW-016-3T2Fr5 (fit failed)

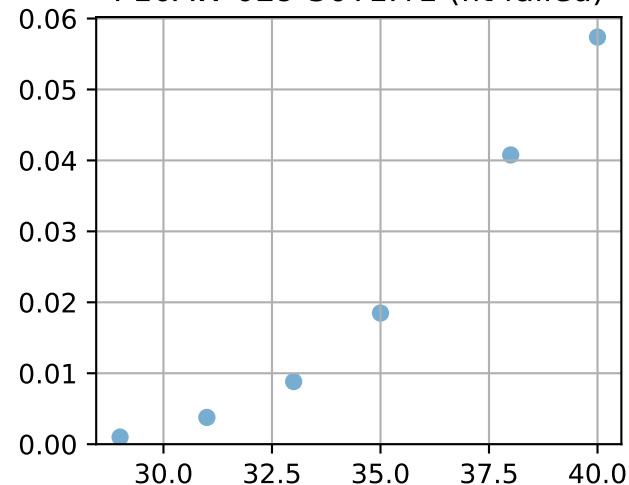


P10AW-016-3T3Fr1 (fit failed)

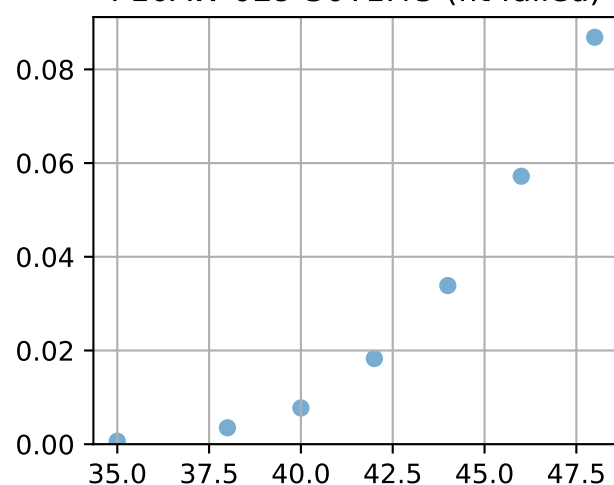


FrV

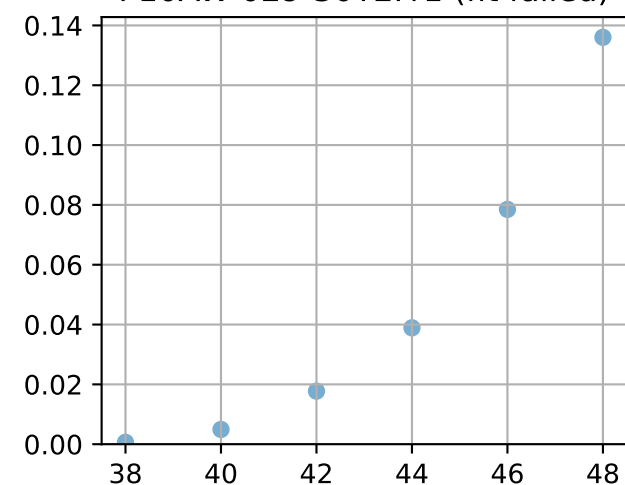
P10AW-029-30T1Fr1 (fit failed)



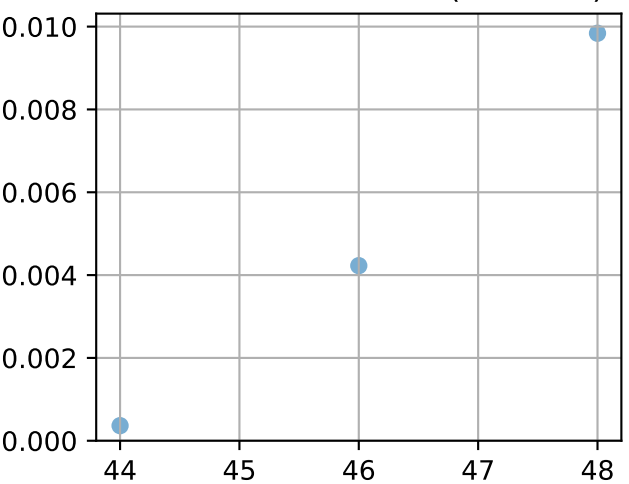
P10AW-029-30T1Fr5 (fit failed)



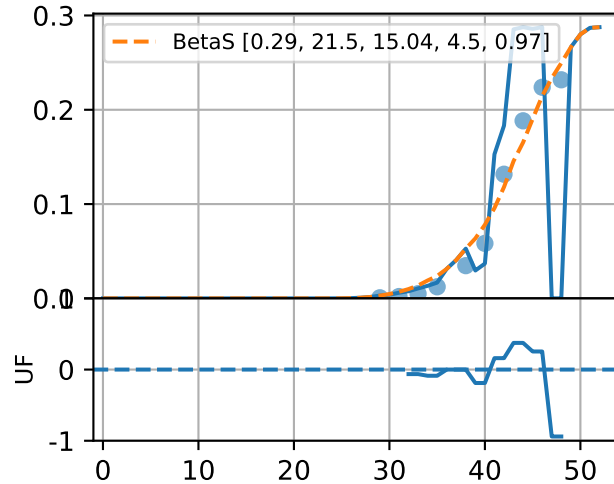
P10AW-029-30T2Fr1 (fit failed)



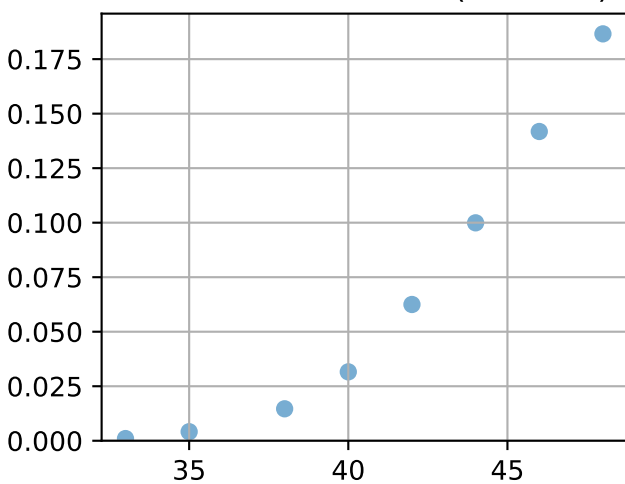
P10AW-029-30T2Fr5 (fit failed)



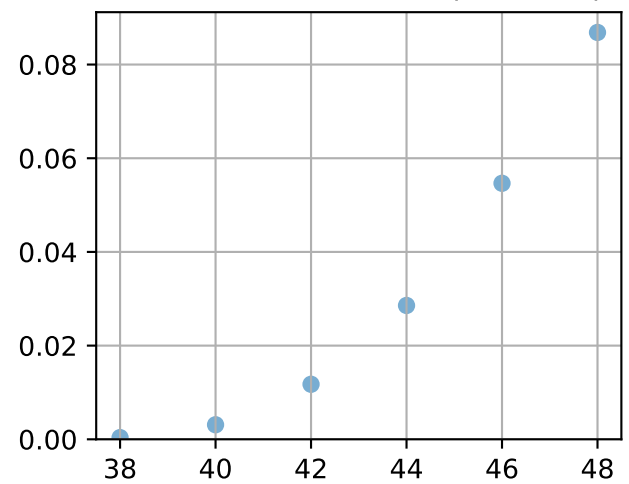
P10AW-041-24T1Fr1



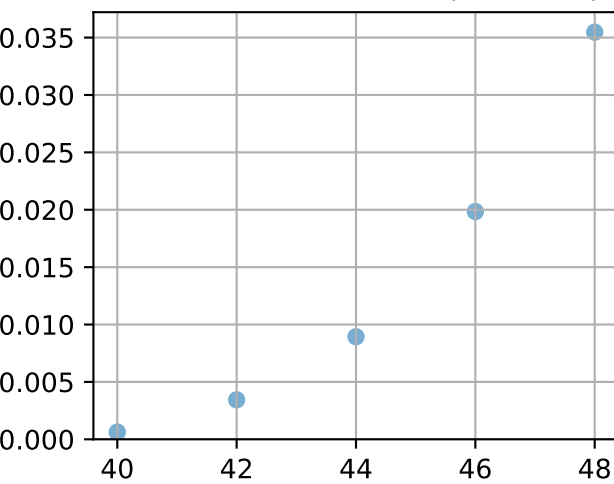
P10AW-041-24T1Fr5 (fit failed)



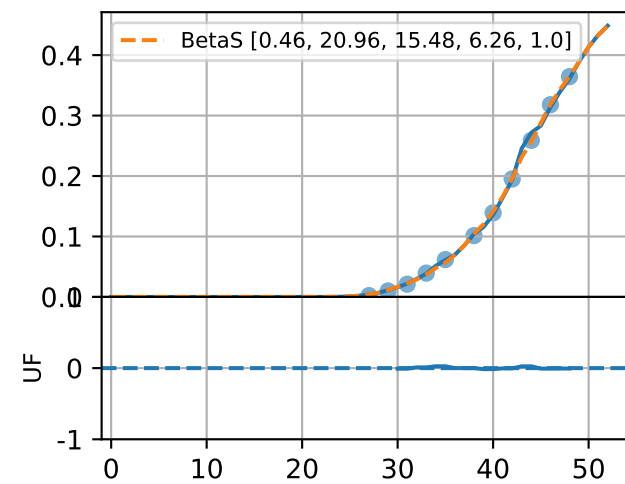
P10AW-041-24T2Fr1 (fit failed)



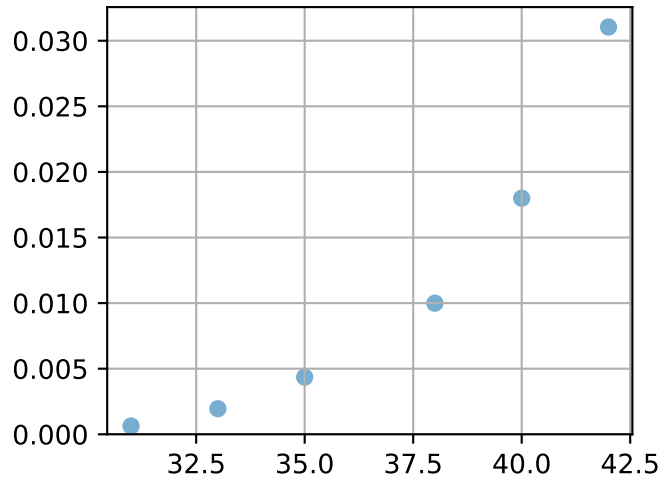
P10AW-041-24T2Fr5 (fit failed)



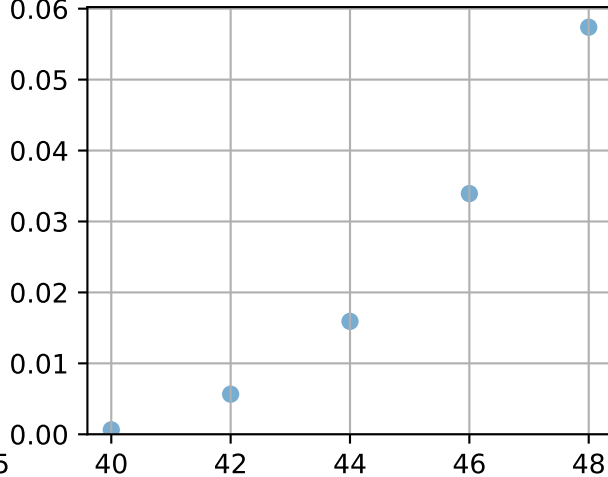
P10AW-054-10T1Fr1



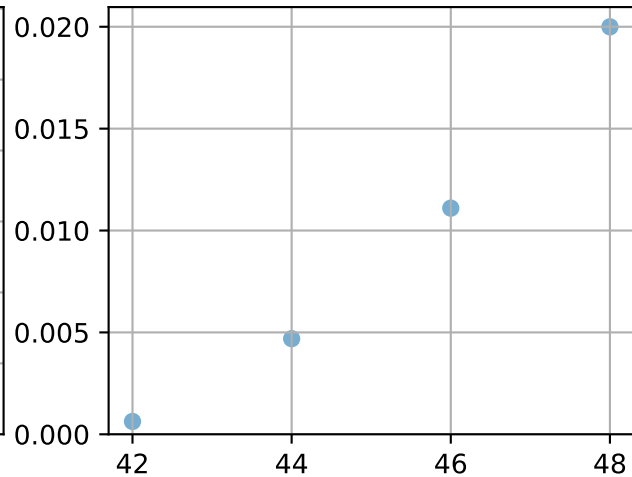
P10AW-054-10T1Fr5 (fit failed)

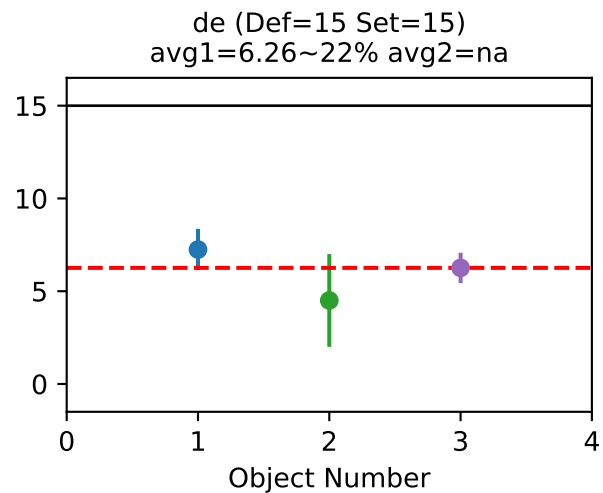
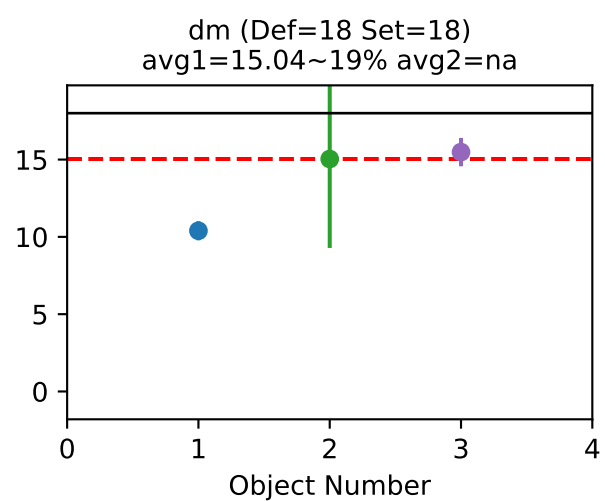
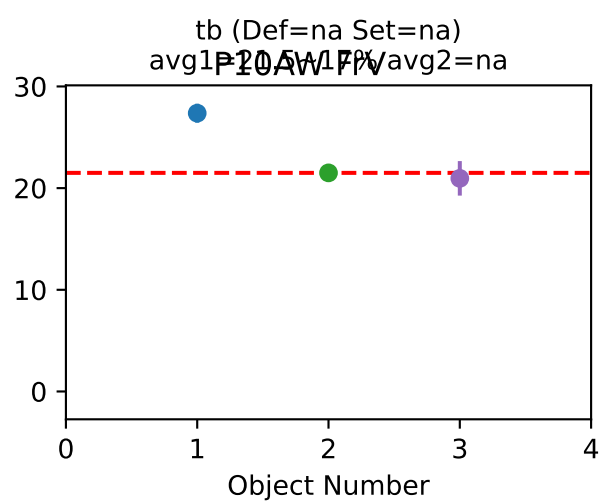
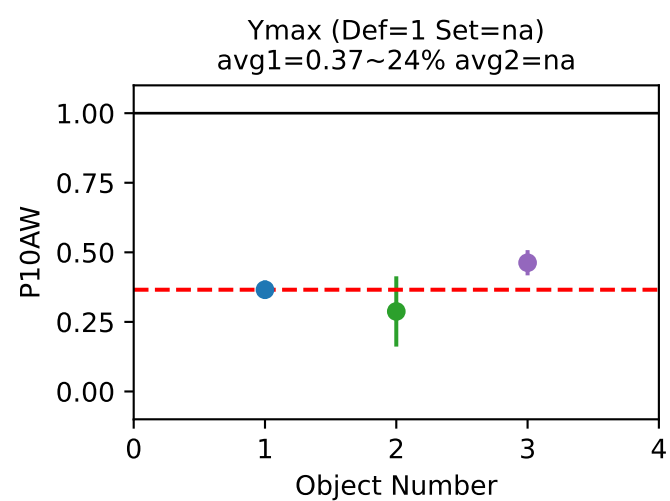


P10AW-054-10T2Fr1 (fit failed)

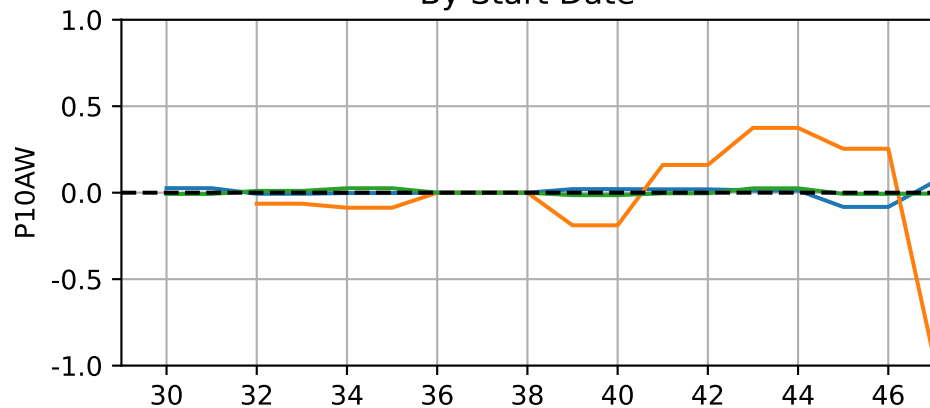


P10AW-054-10T2Fr5 (fit failed)

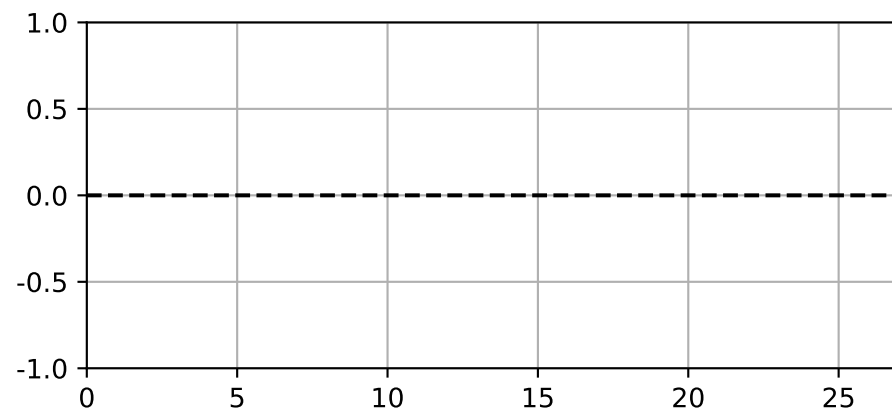
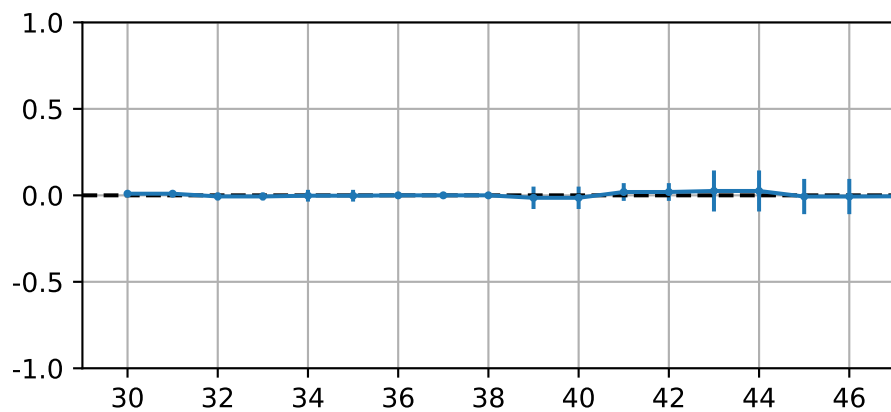
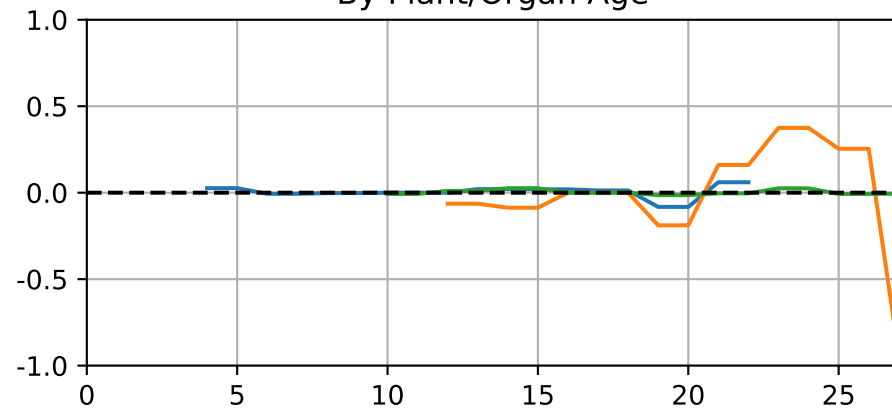




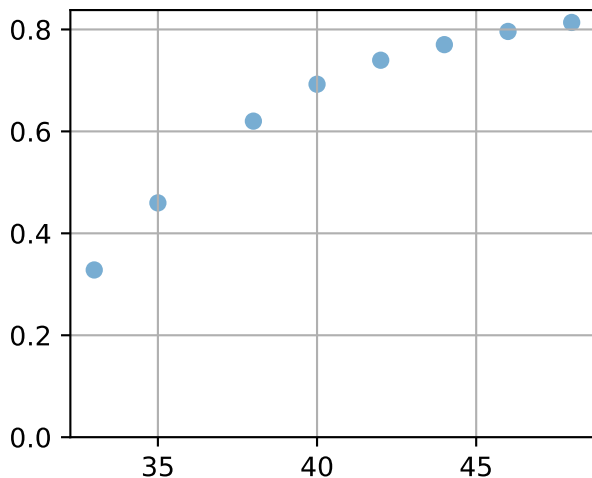
By Start Date



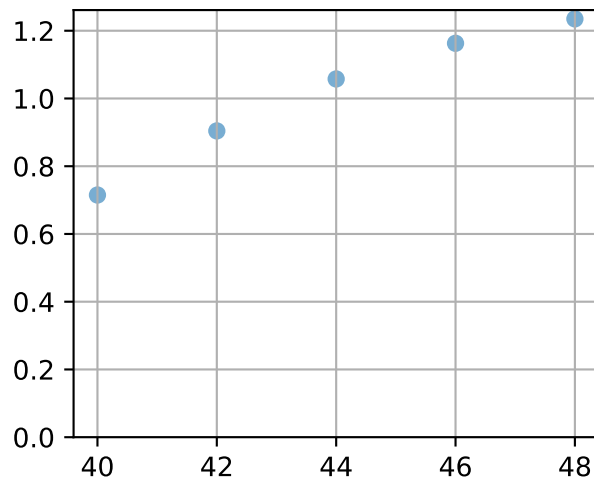
By Plant/Organ Age



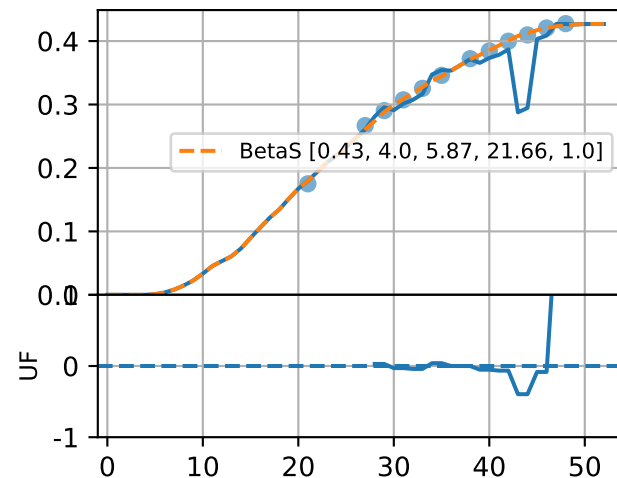
P10AW-003-11L11 (fit failed)



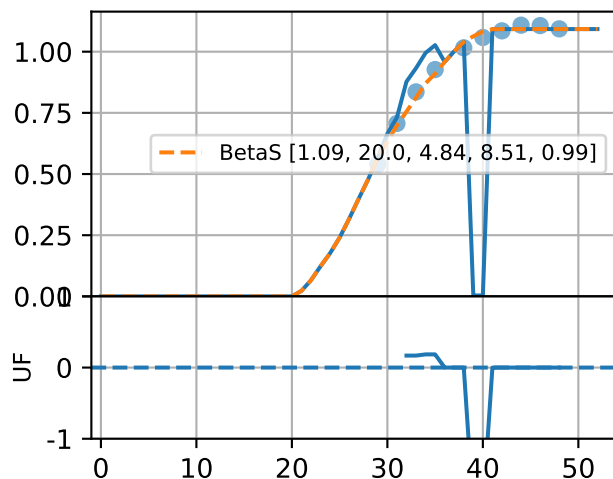
P10AW-003-11L14 (fit failed)



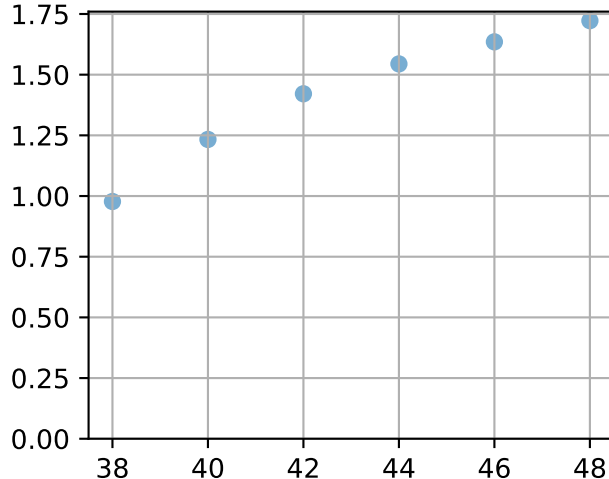
P10AW-003-11L6 (fit failed)



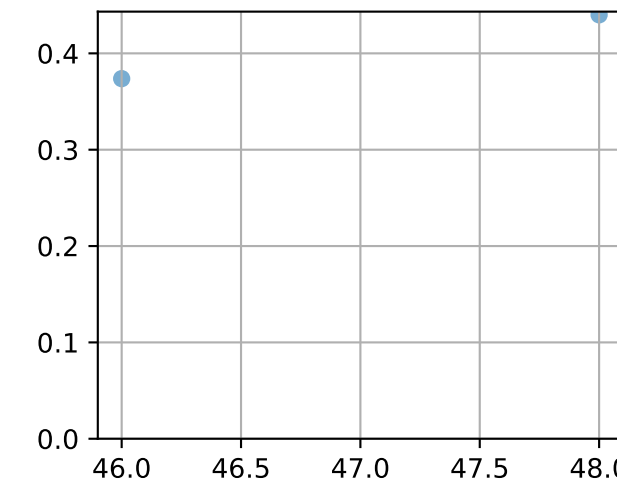
P10AW-016-3L10 (fit failed)



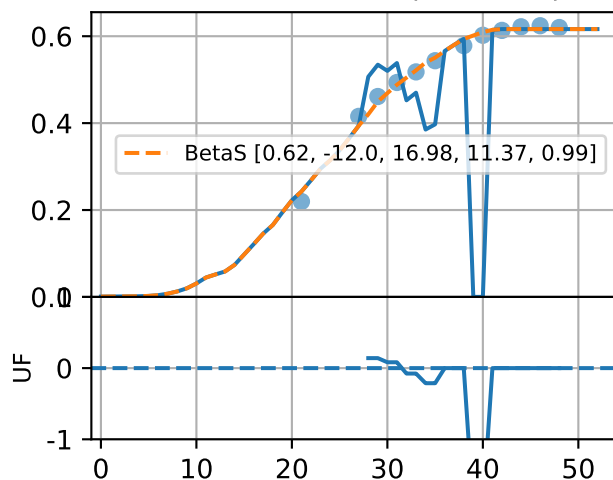
P10AW-016-3L13 (fit failed)



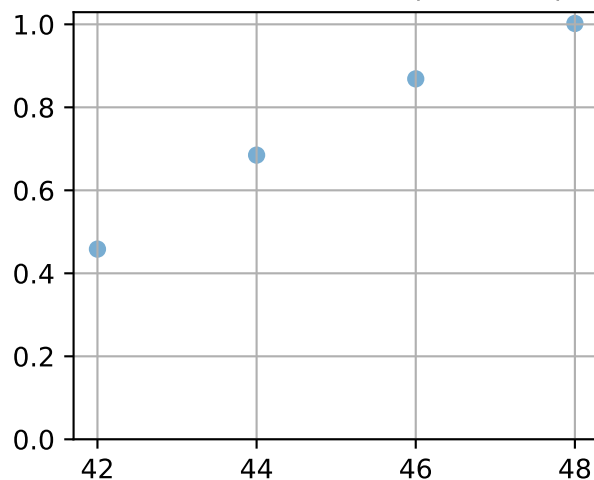
P10AW-016-3L16 (fit failed)



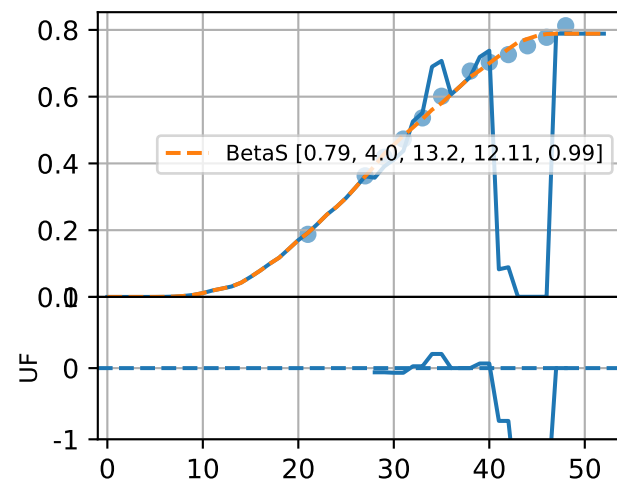
P10AW-016-3L7 (fit failed)



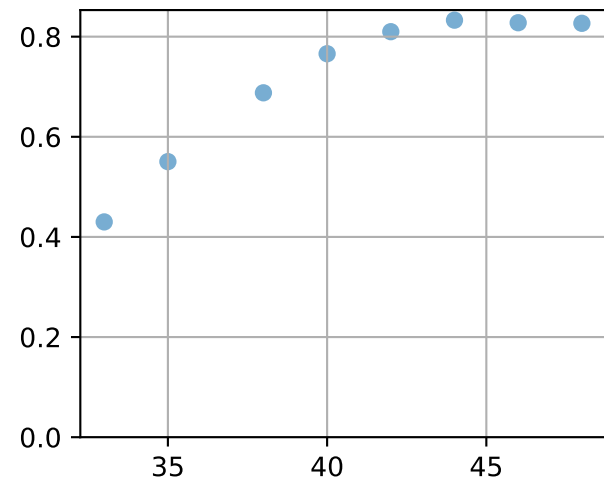
P10AW-029-30L12 (fit failed)



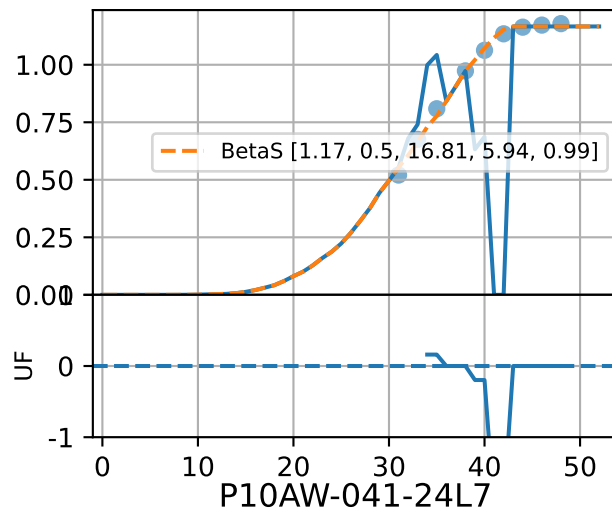
P10AW-029-30L6



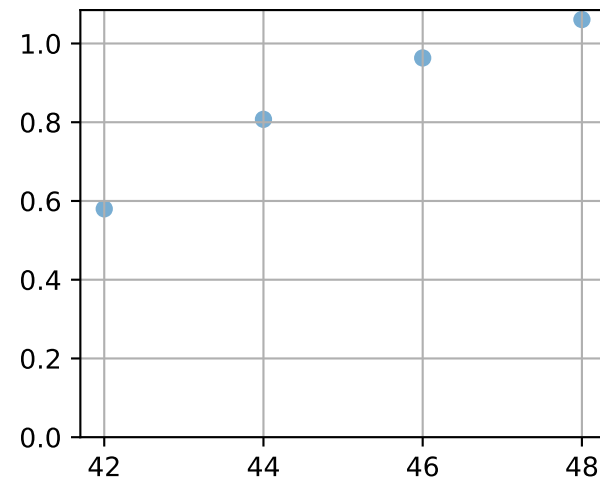
P10AW-029-30L9 (fit failed)



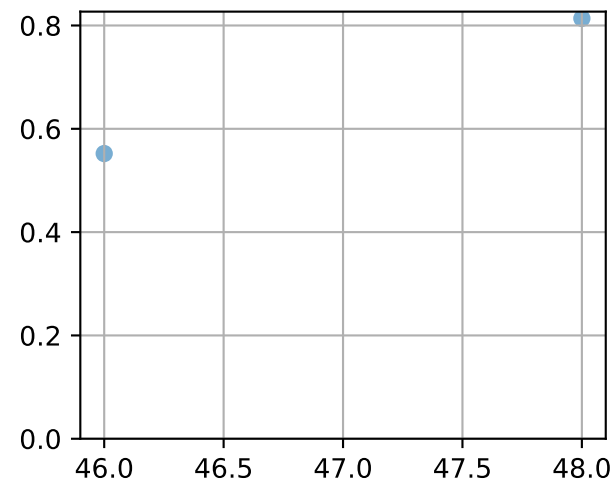
P10AW-041-24L10



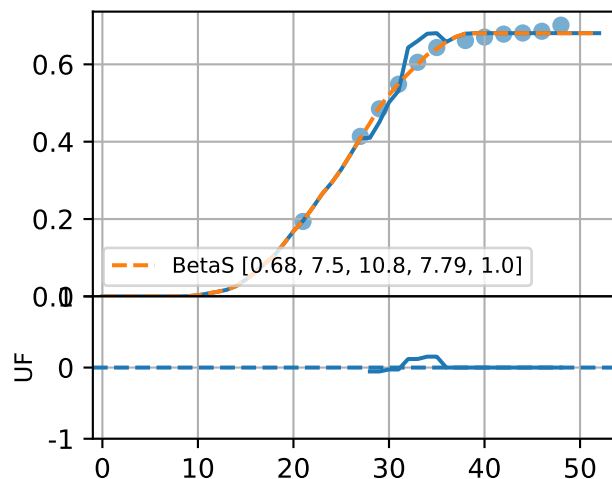
P10AW-041-24L13 (fit failed)



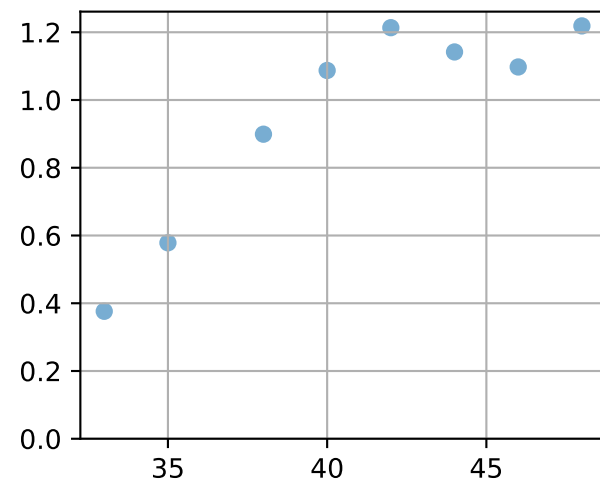
P10AW-041-24L16 (fit failed)



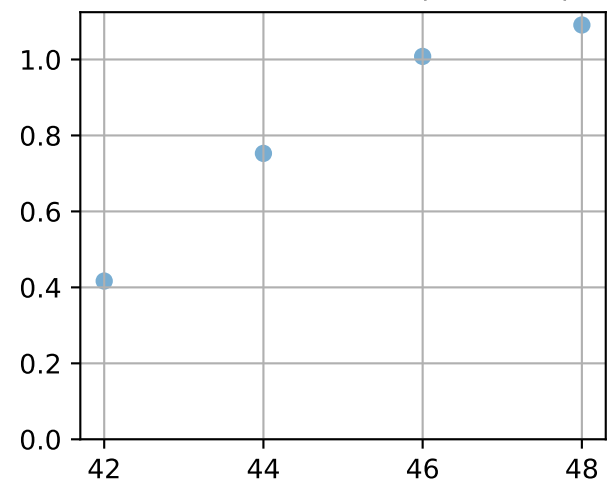
P10AW-041-24L7



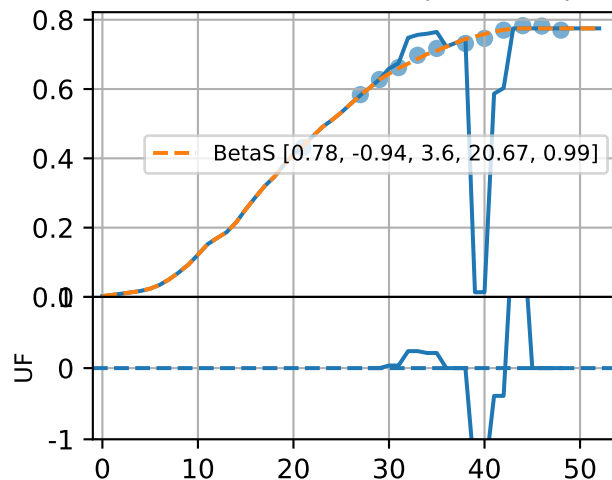
P10AW-054-10L10 (fit failed)

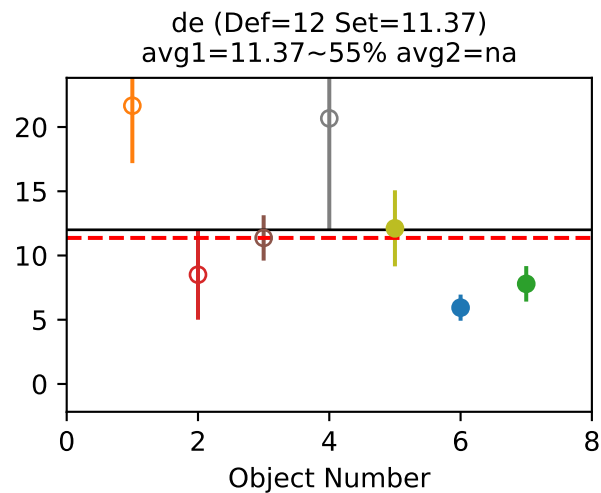
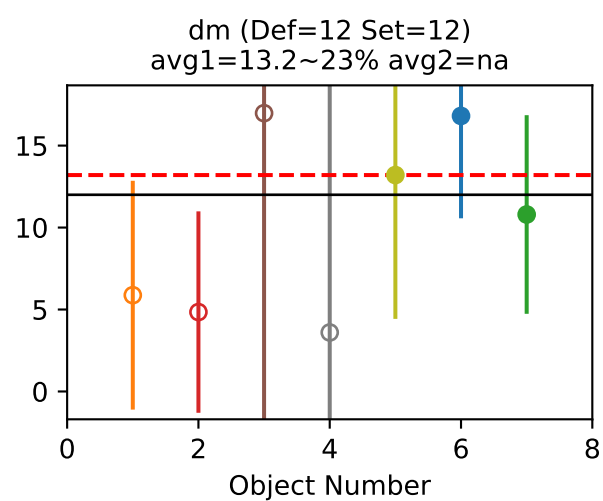
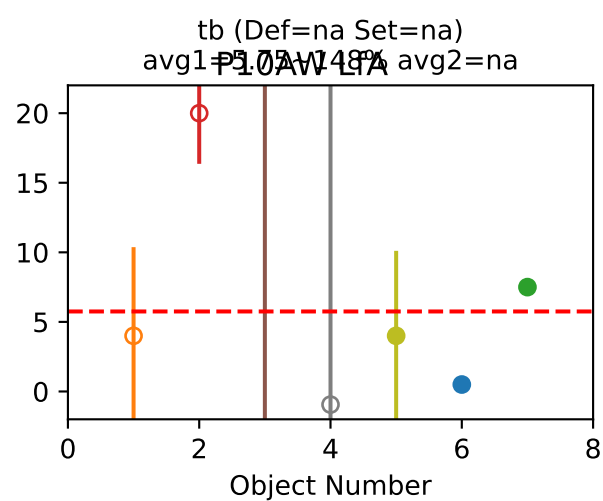
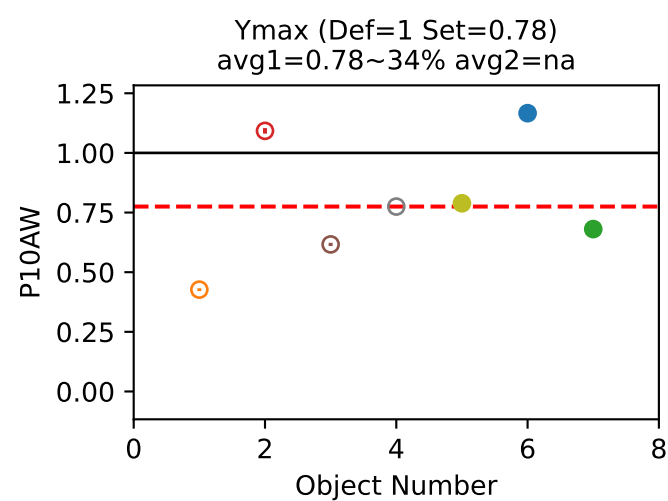


P10AW-054-10L14 (fit failed)

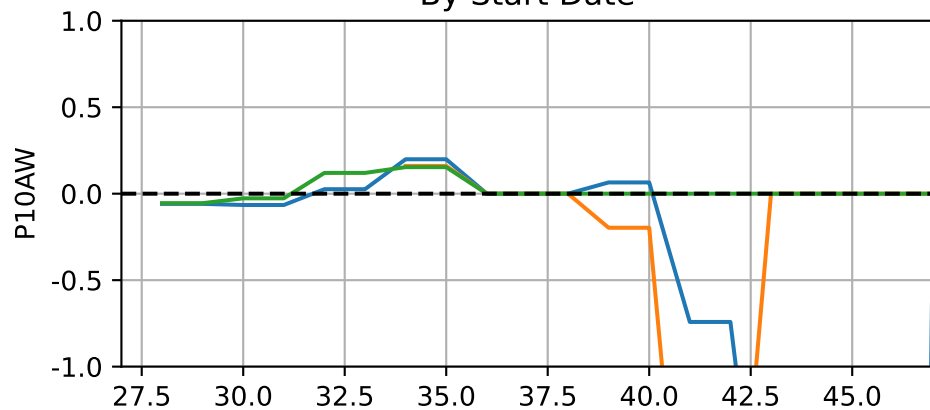


P10AW-054-10L6 (fit failed)

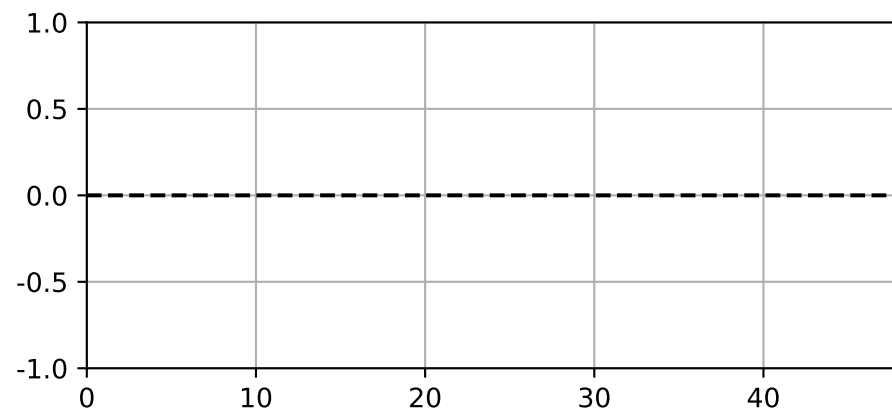
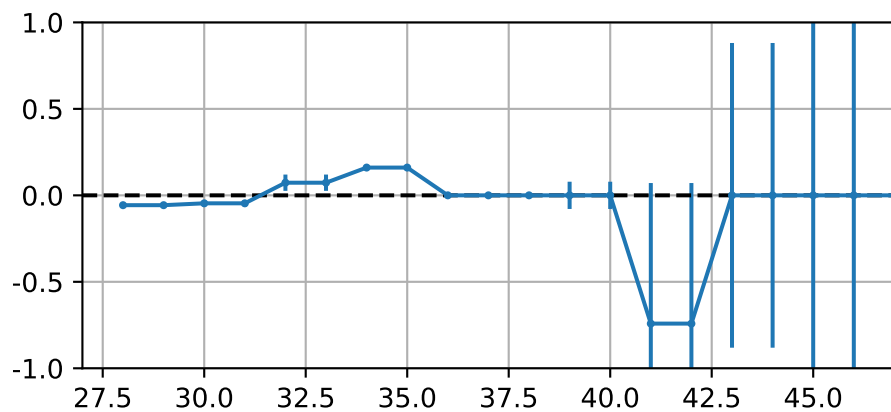
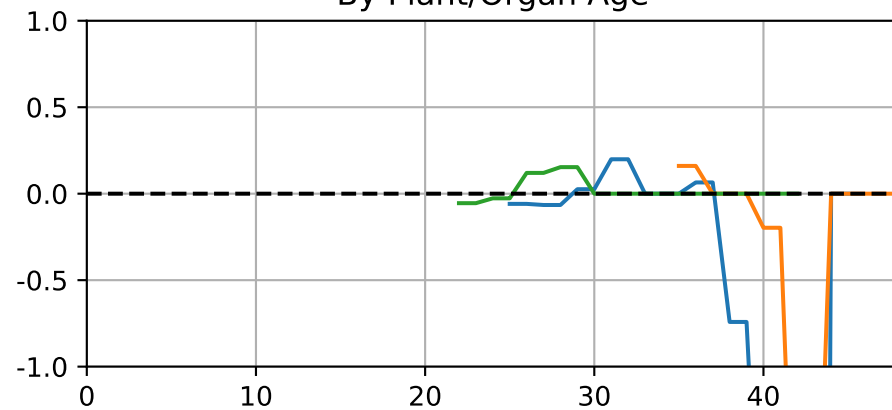


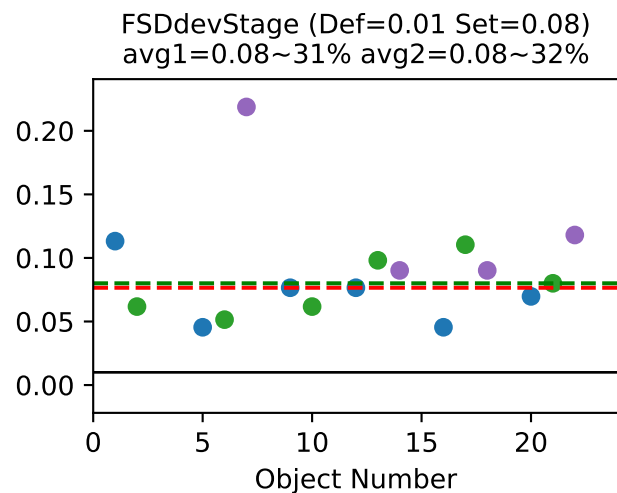
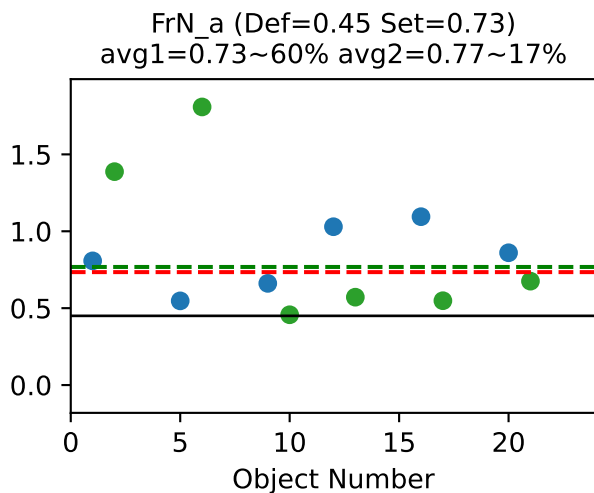
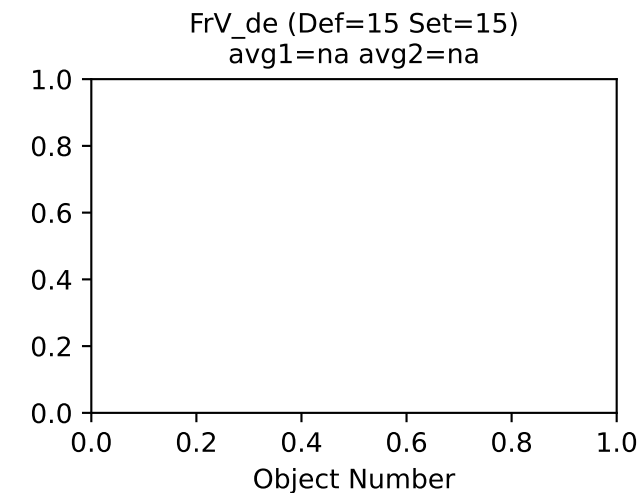
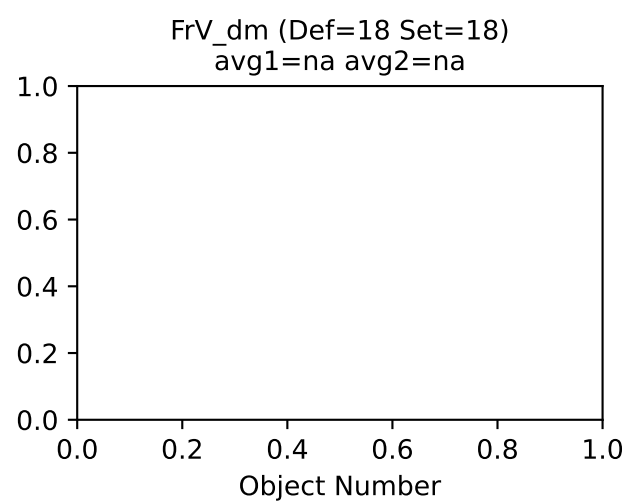
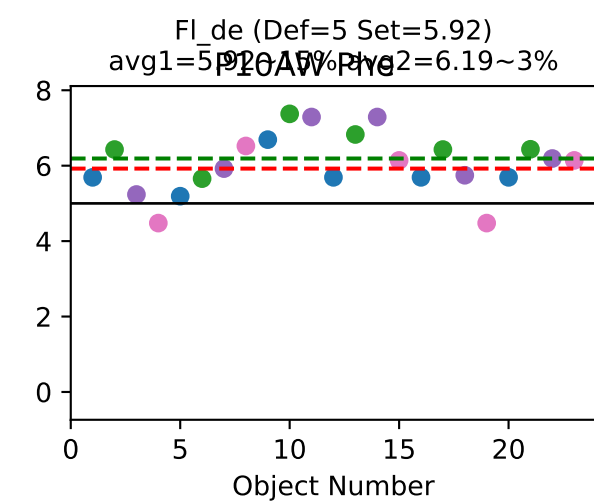
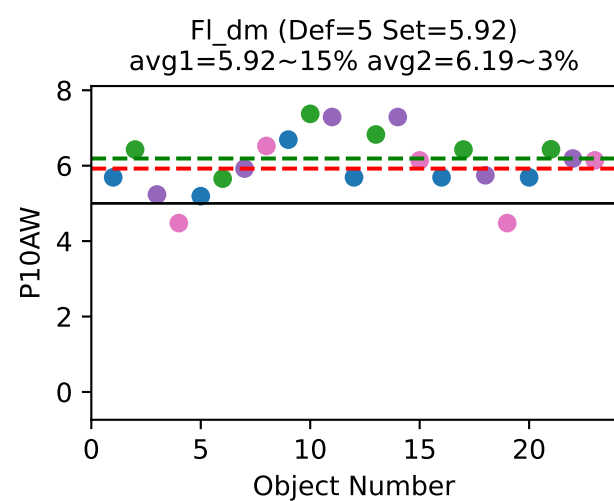


By Start Date

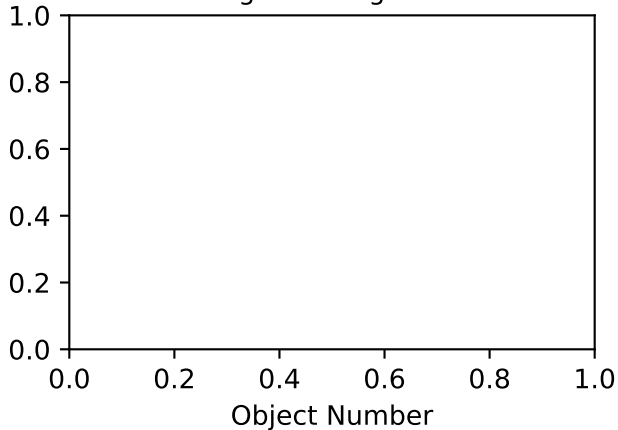


By Plant/Organ Age

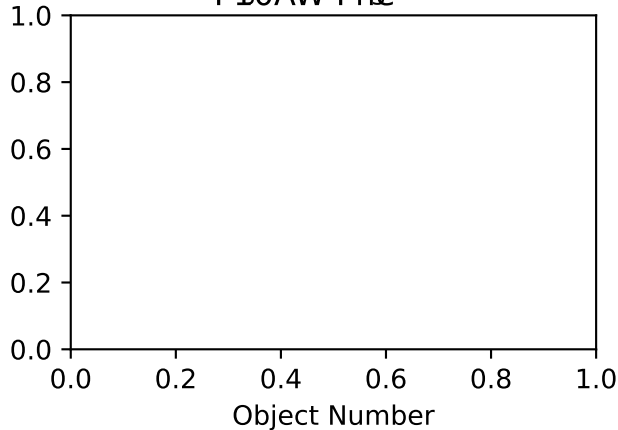




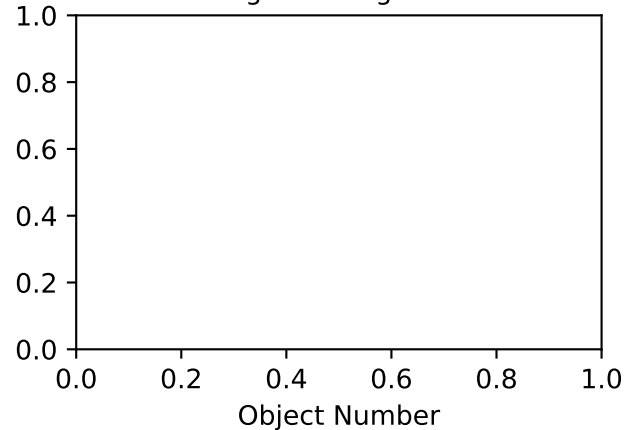
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



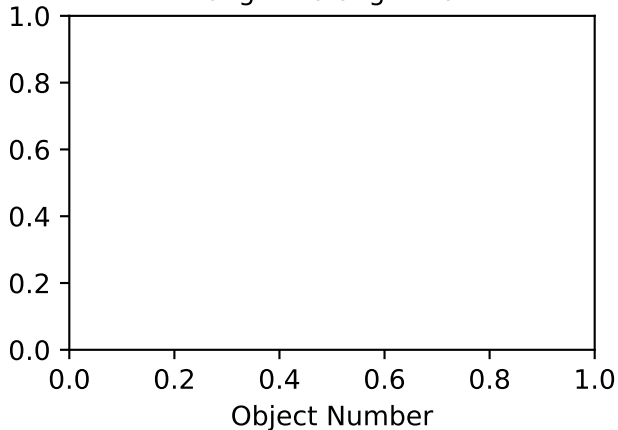
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



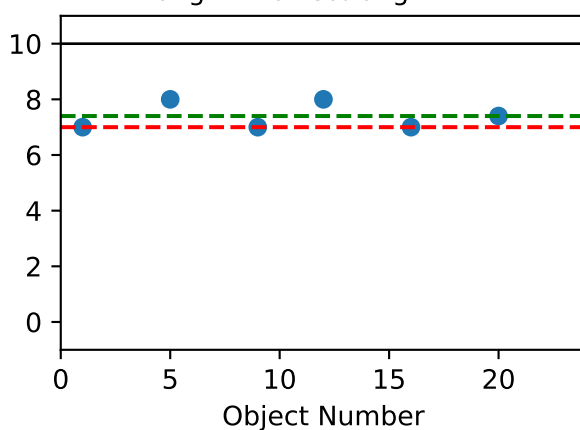
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

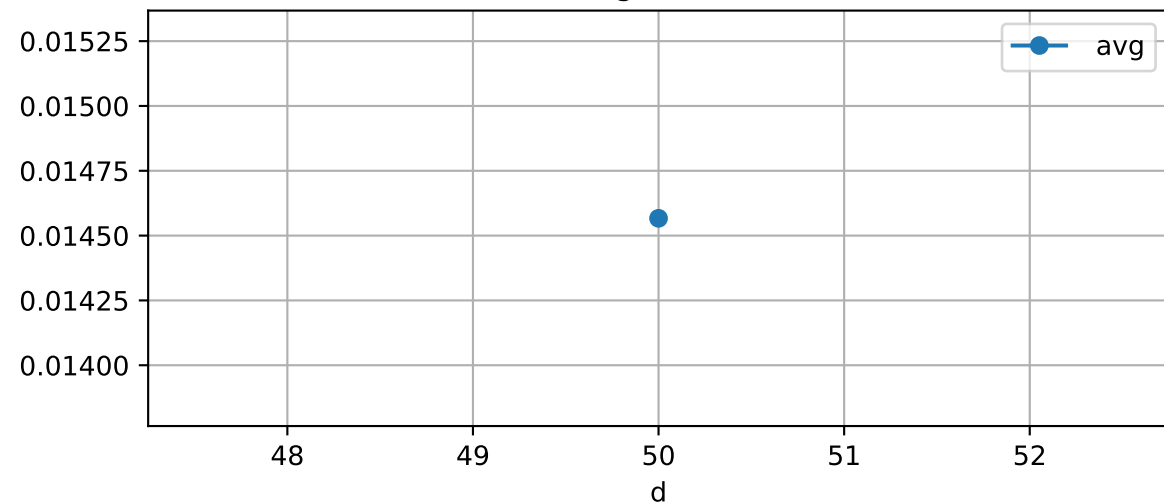


NNgen (Def=10 Set=7)
avg1=7.0~8% avg2=7.4

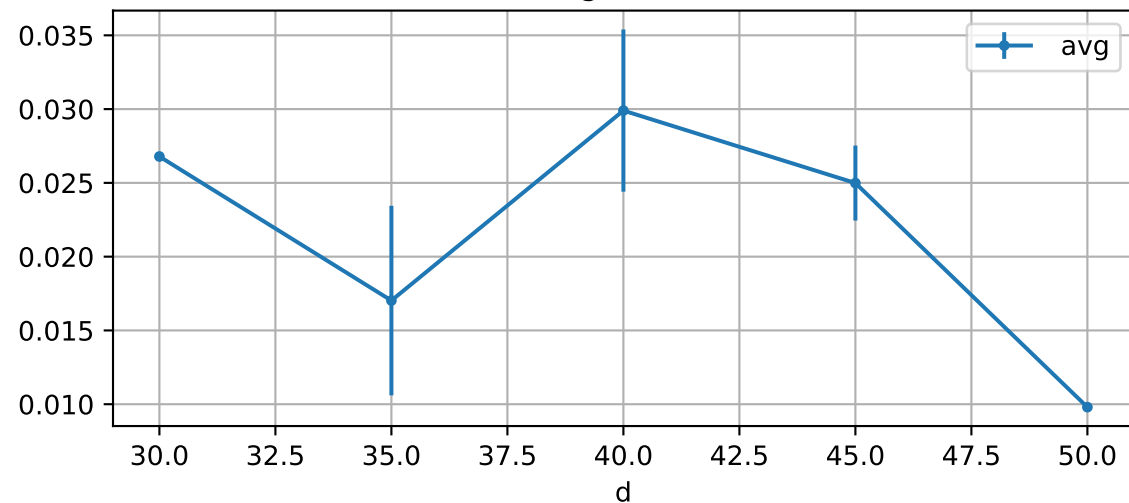


LfA: avg vs. d at each age group

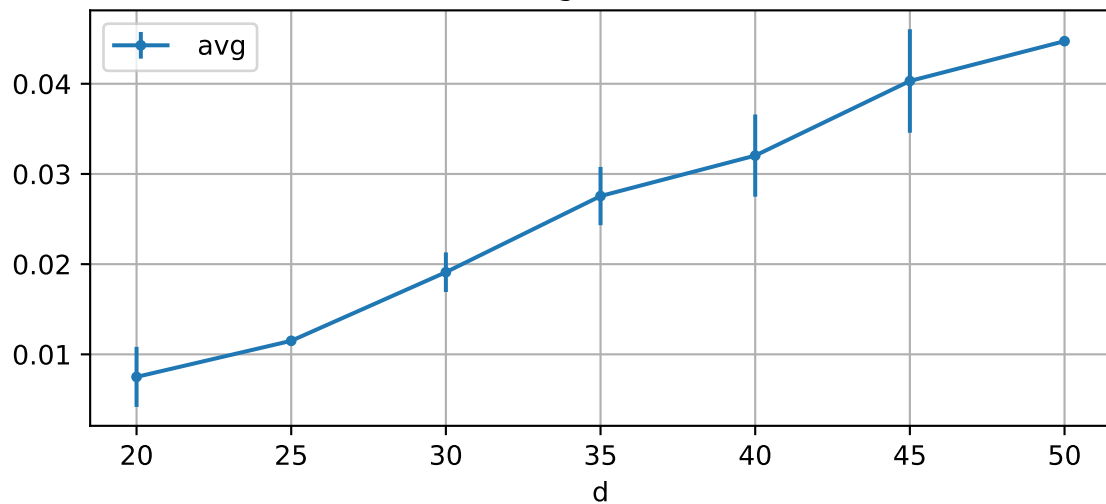
age=15



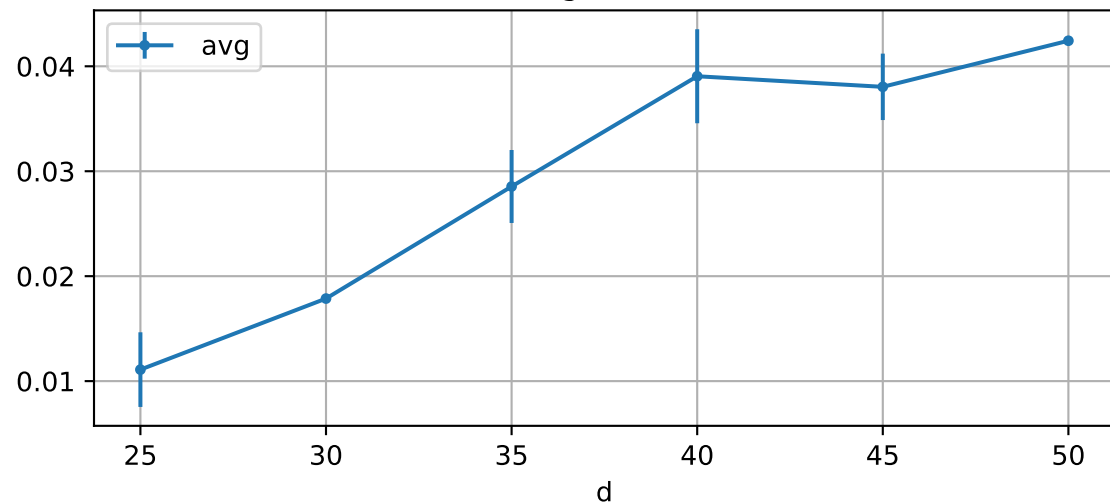
age=20



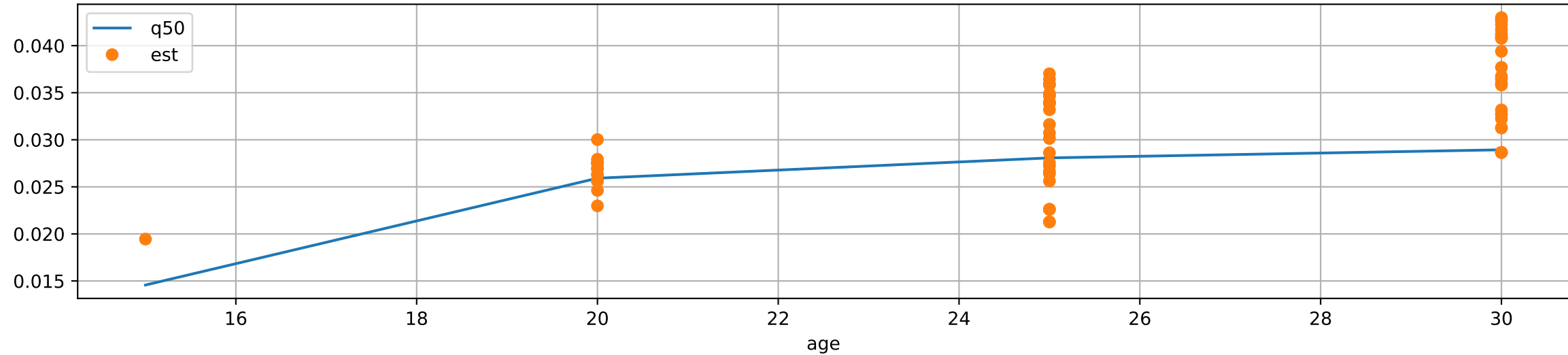
age=25



age=30

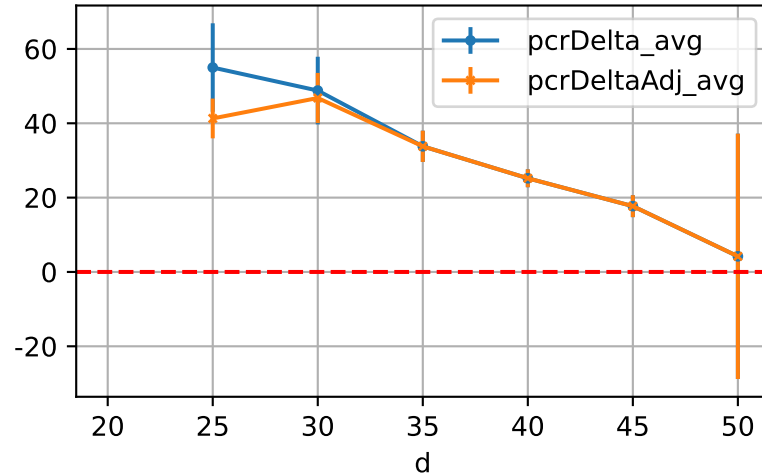


LfA: model est vs obsOv@Q50

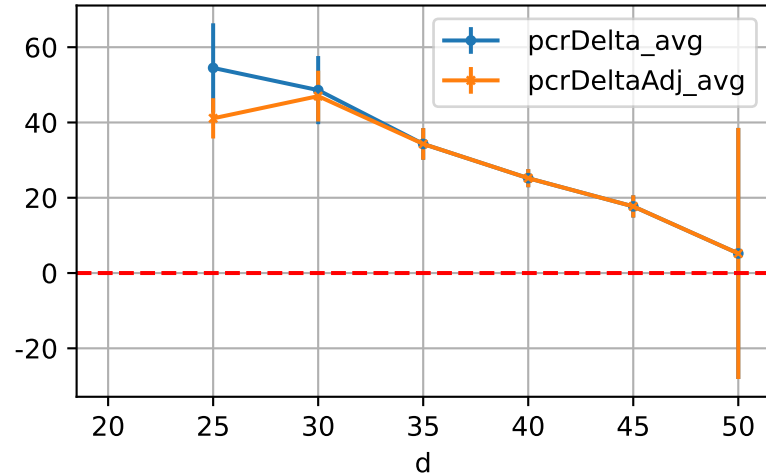


P10AW LfA: D_5d_LfA

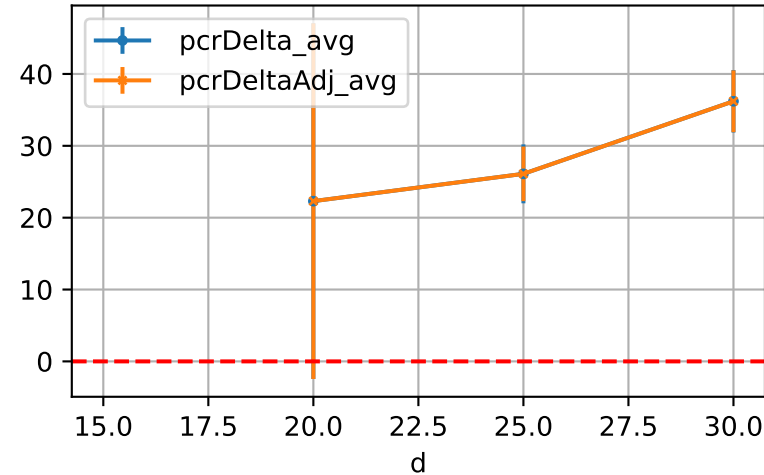
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

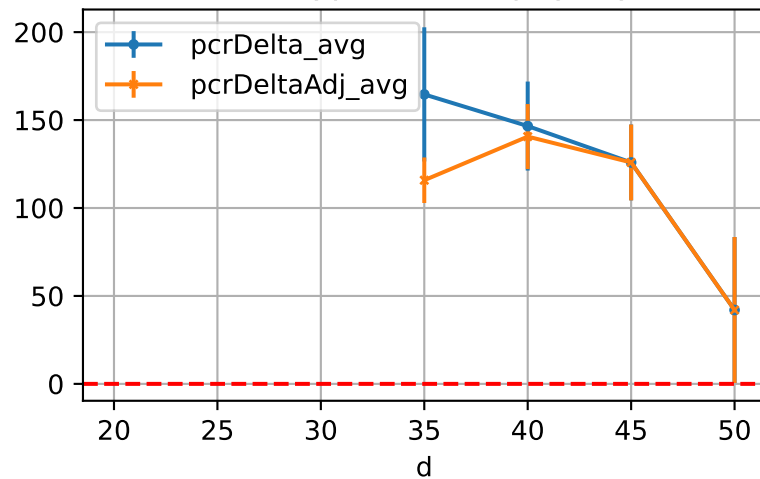


DeltaTypeAbbr=GrpByAge

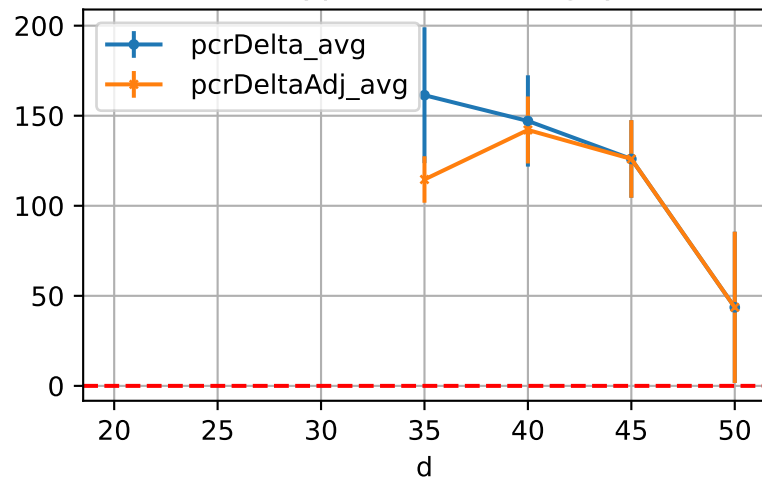


P10AW LfA: D_15d_LfA

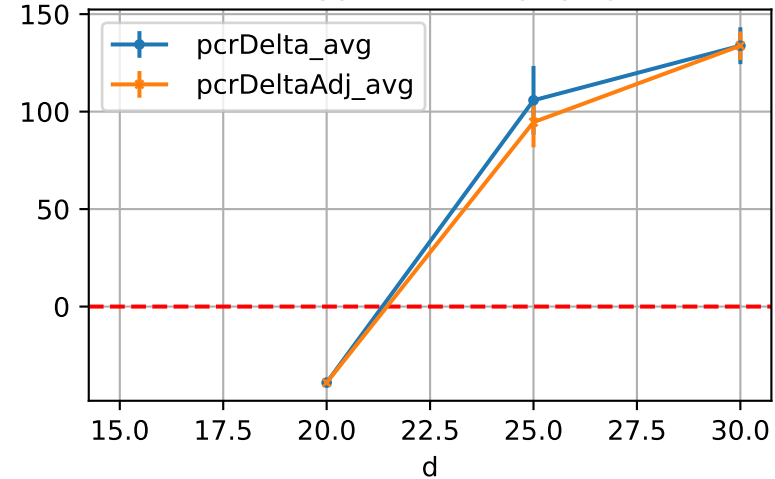
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

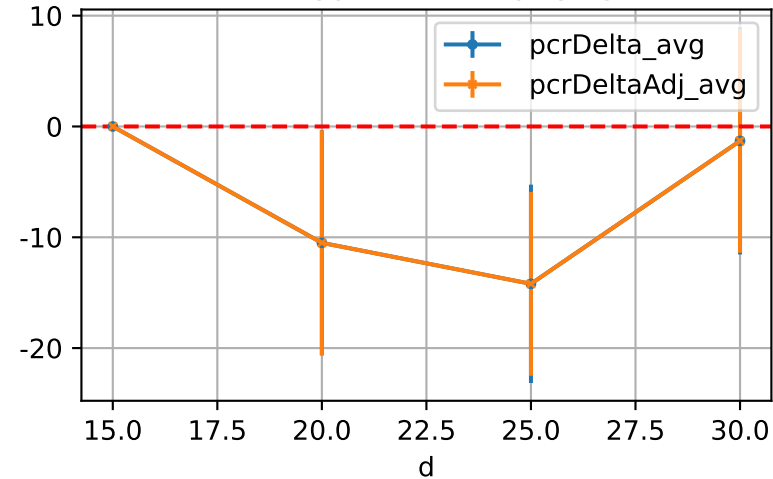


DeltaTypeAbbr=GrpByAge

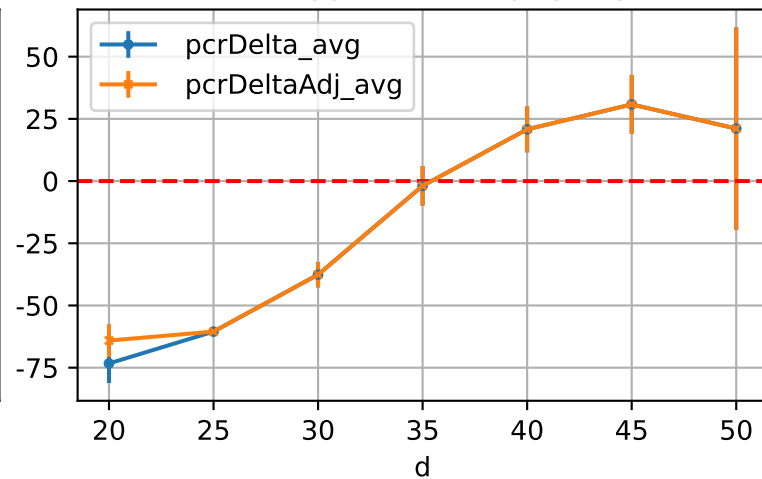


P10AW LfA: D_Q50_LfA

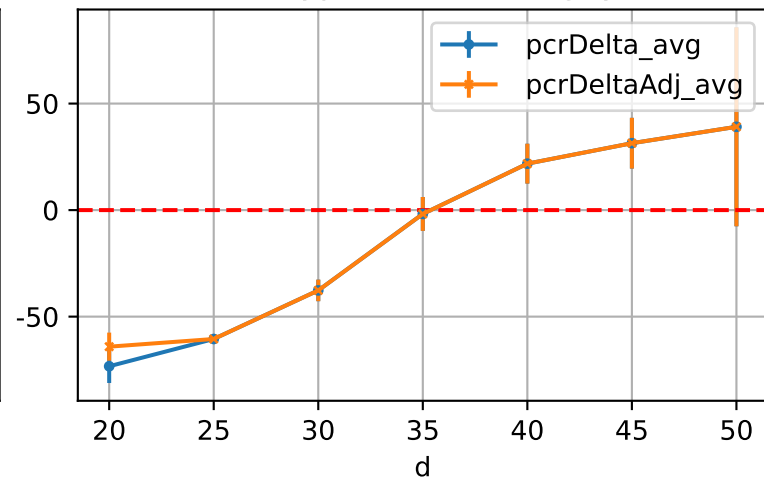
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

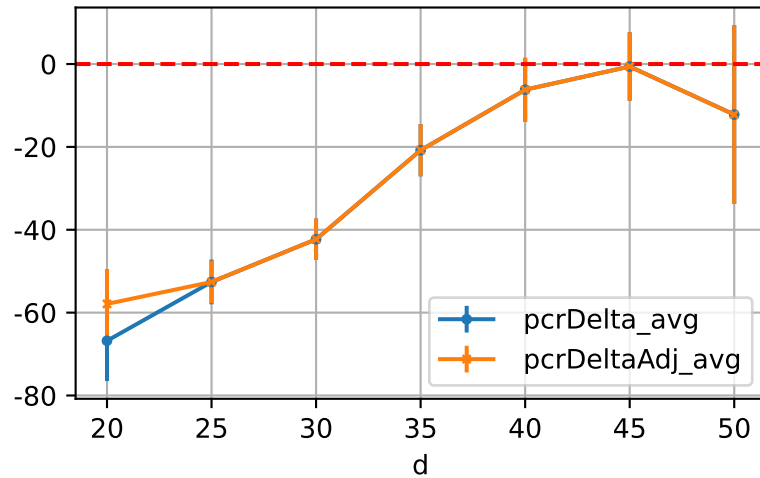


DeltaTypeAbbr=WeiAvgByD

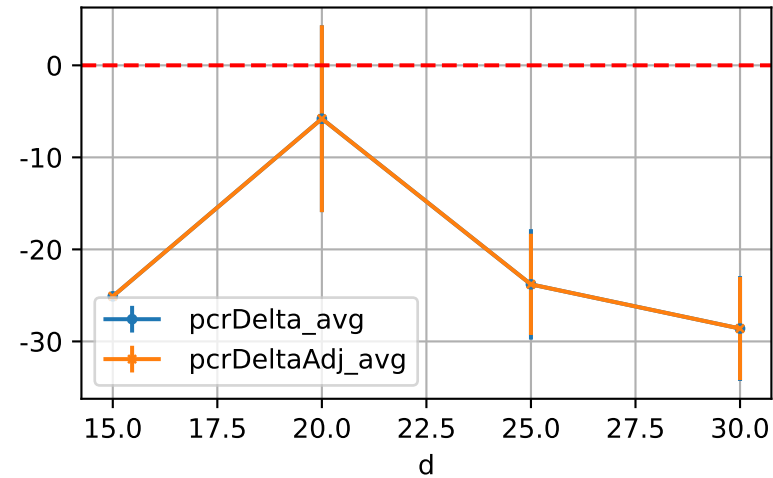


P10AW LfA: D_Est_LfA

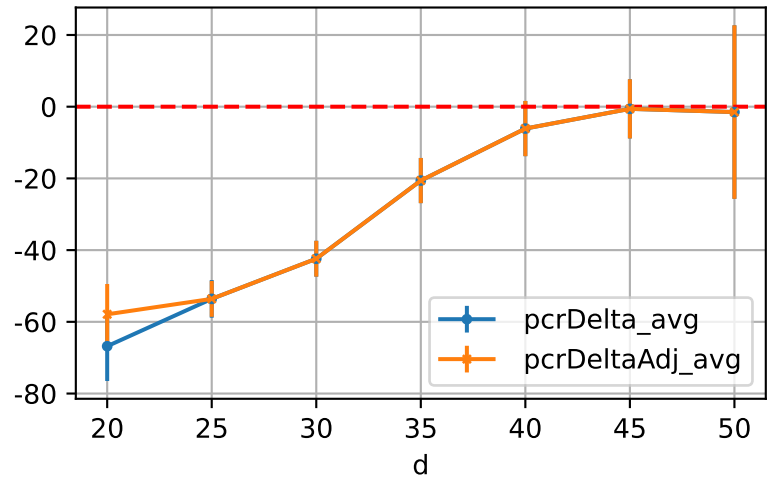
DeltaTypeAbbr=GrpByDay



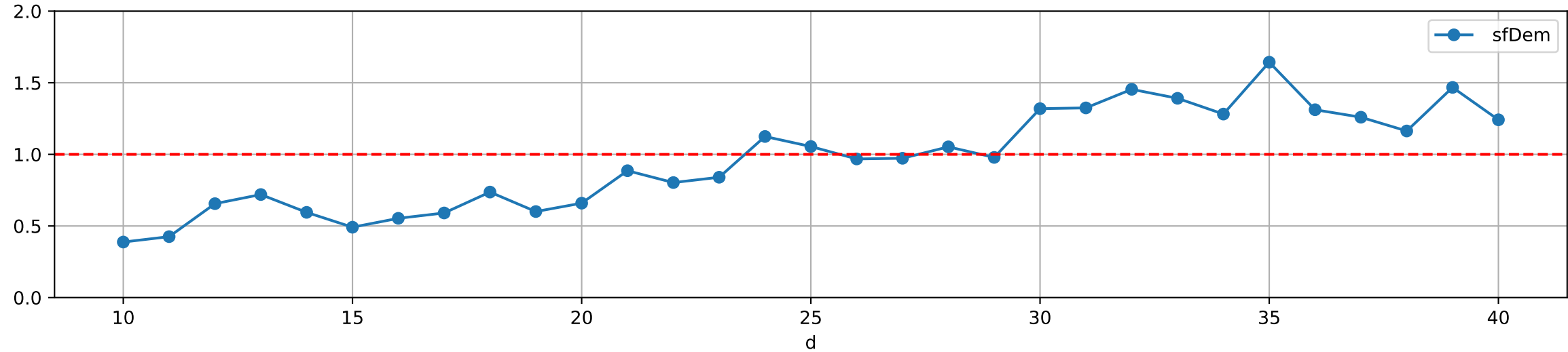
DeltaTypeAbbr=GrpByAge

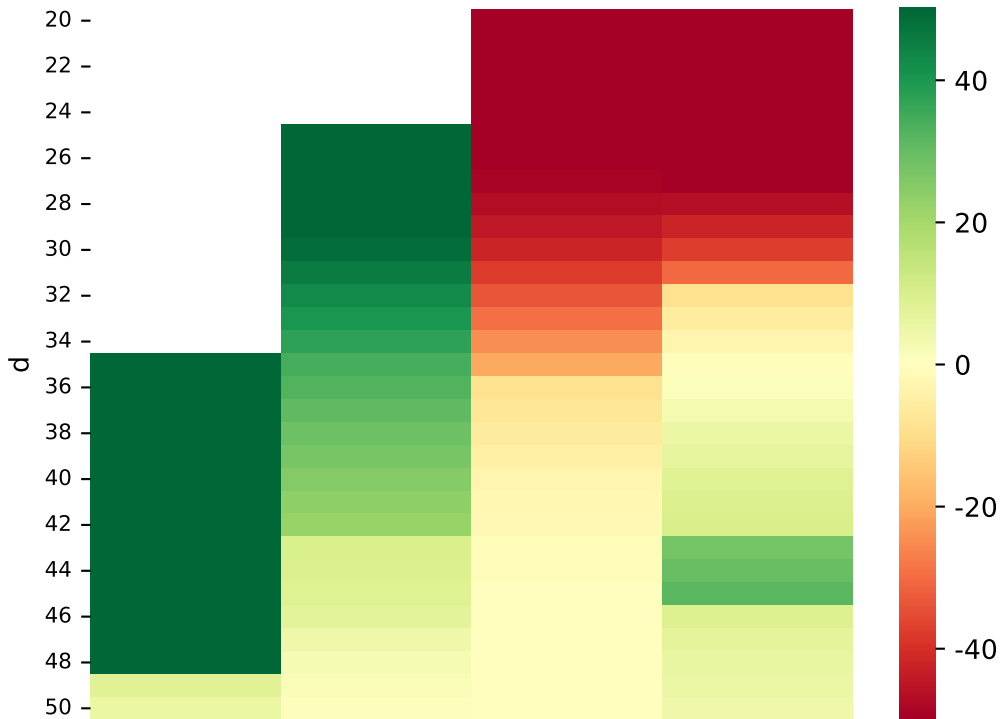


DeltaTypeAbbr=WeiAvgByD



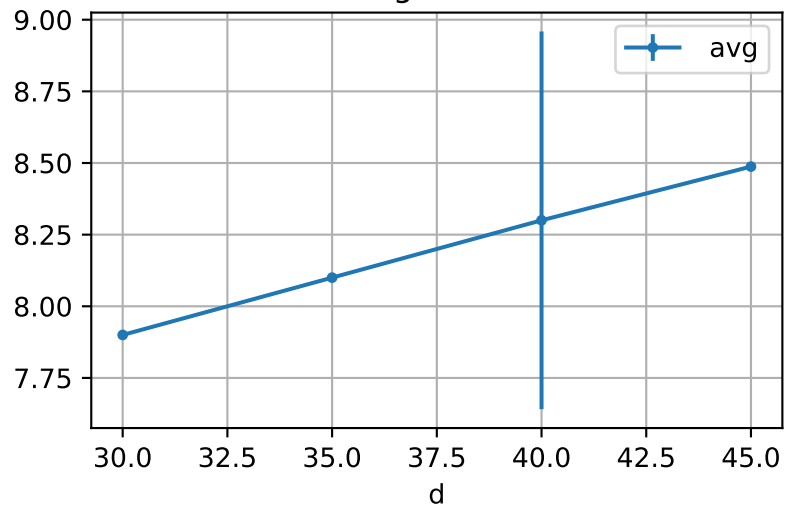
LfA: sfDem



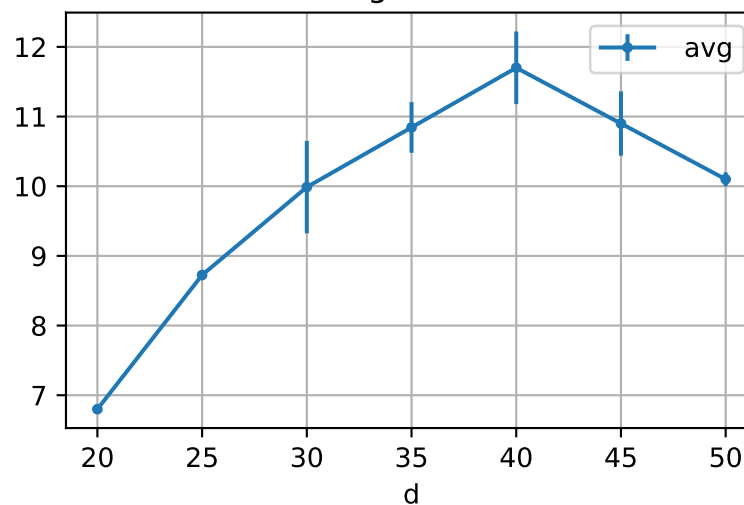


NdD: avg vs. d at each age group

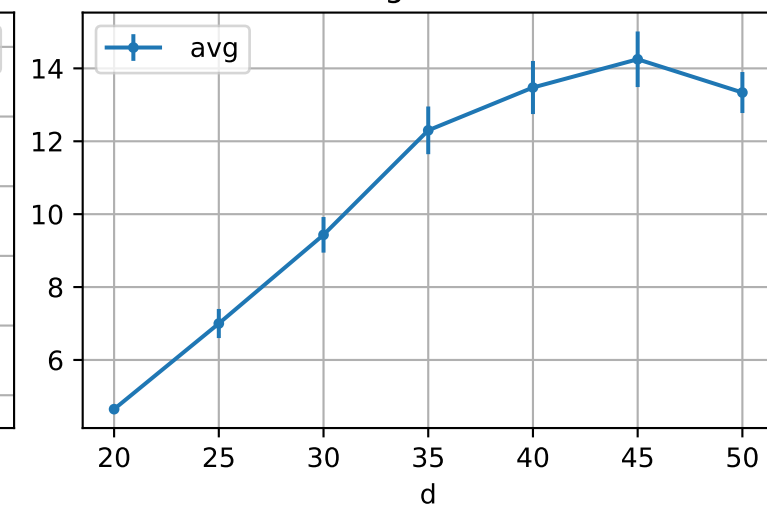
age=15



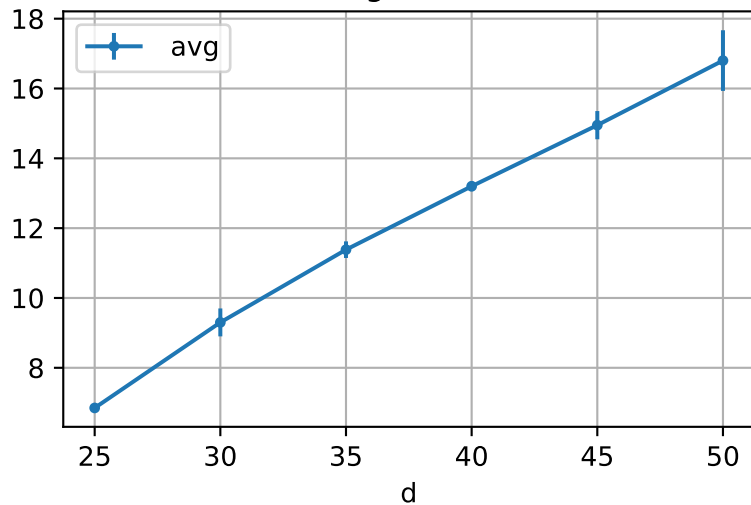
age=20



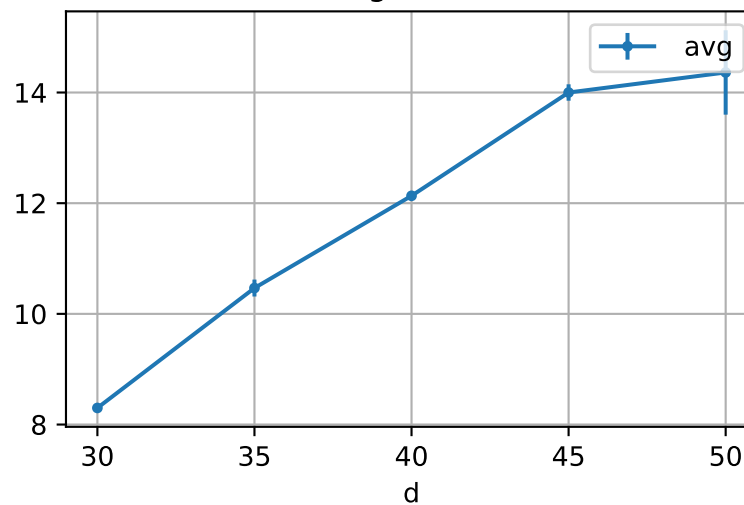
age=25



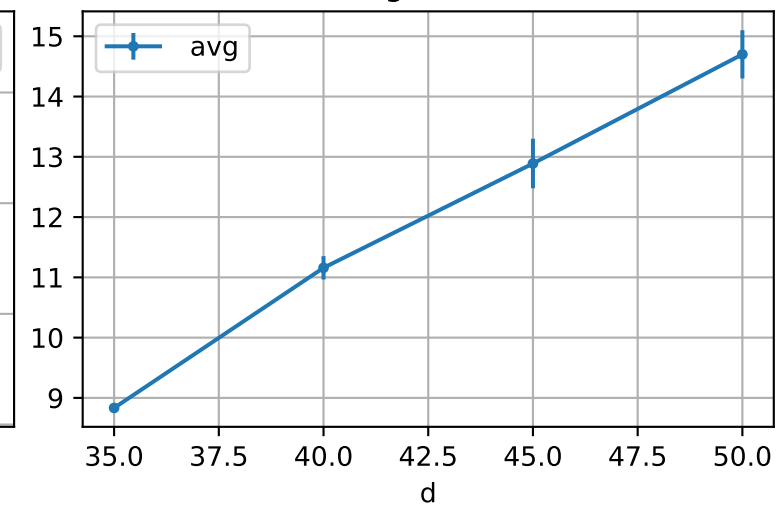
age=30



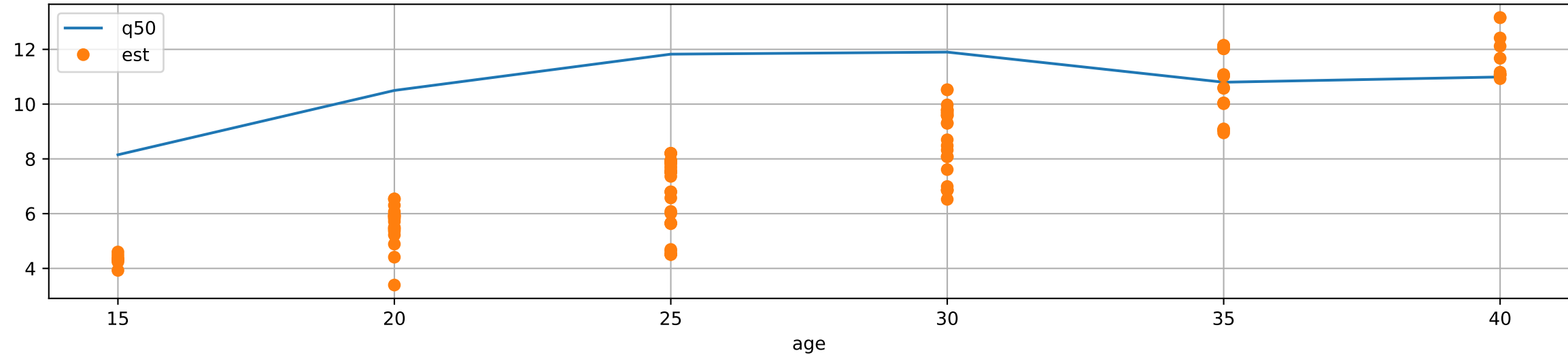
age=35



age=40

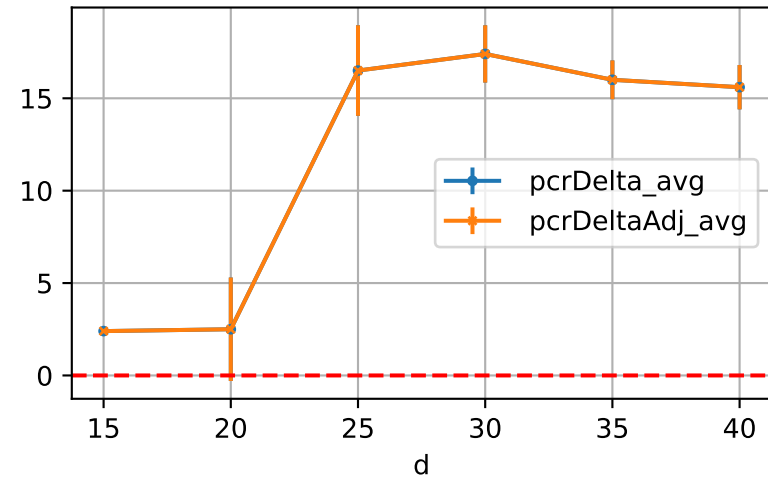


NdD: model est vs obsOv@Q50

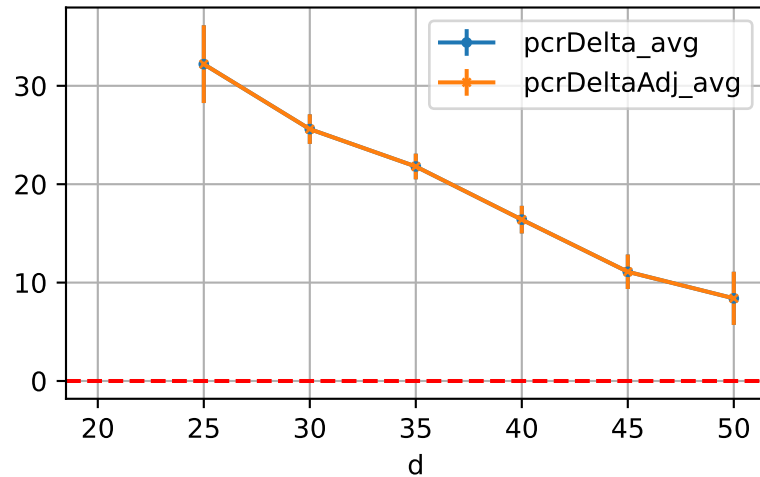


P10AW NdD: D_5d_NdD

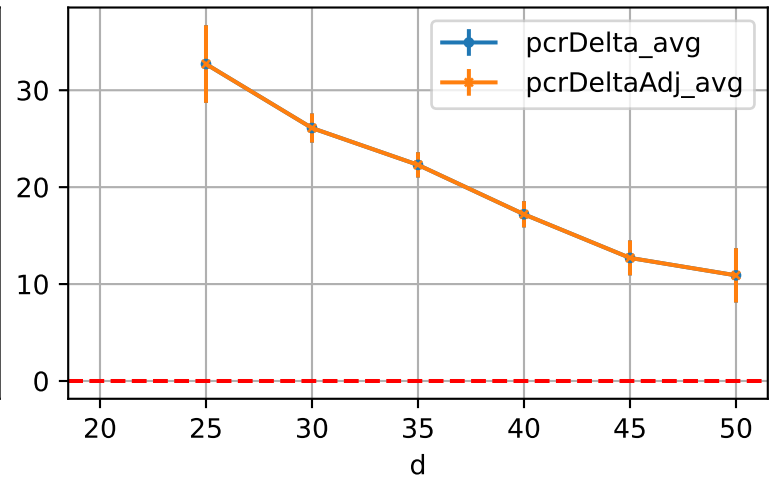
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

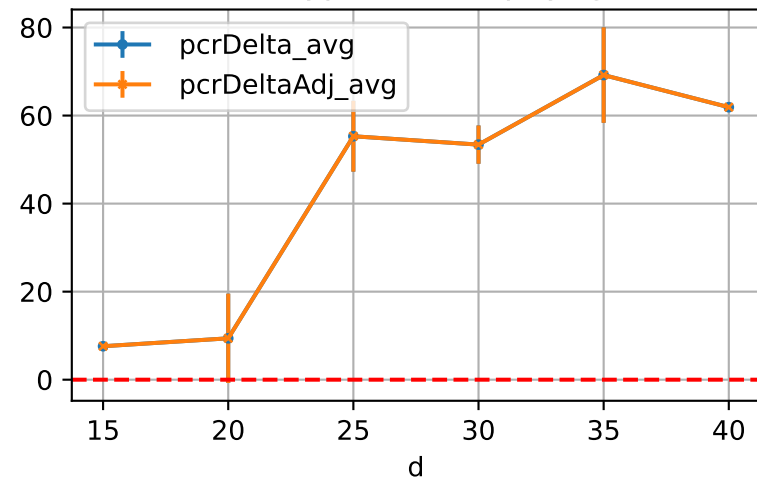


DeltaTypeAbbr=WeiAvgByD

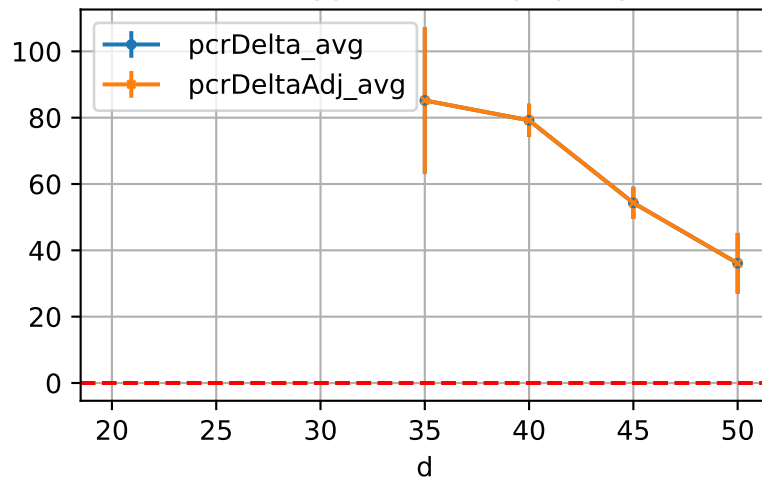


P10AW NdD: D_15d_NdD

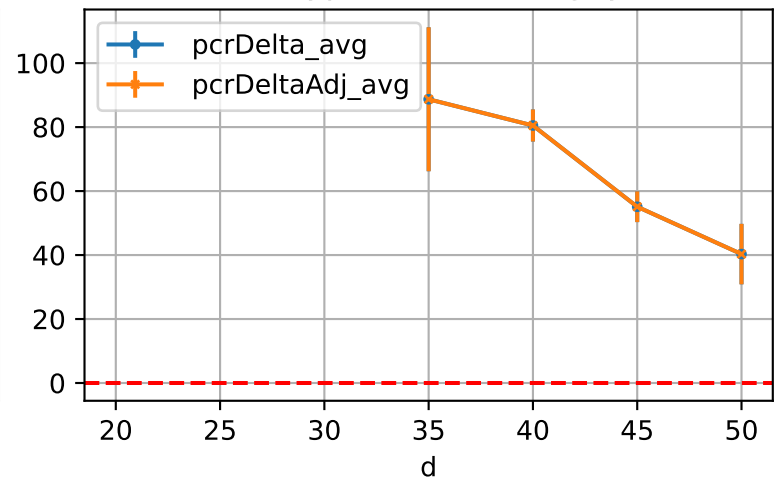
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

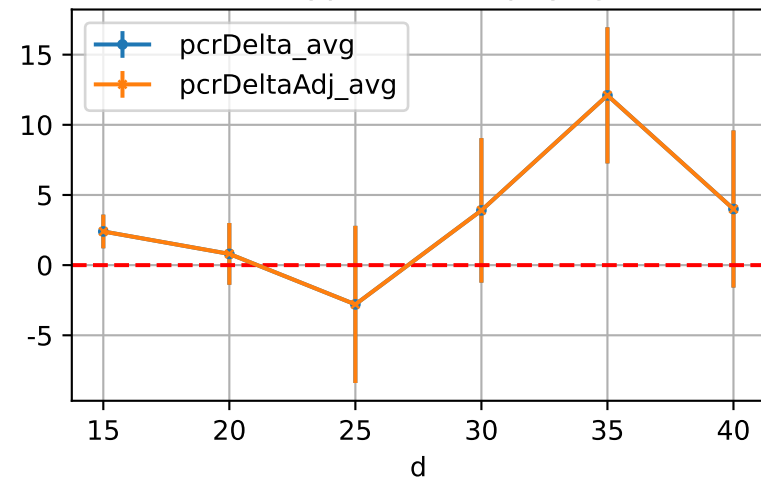


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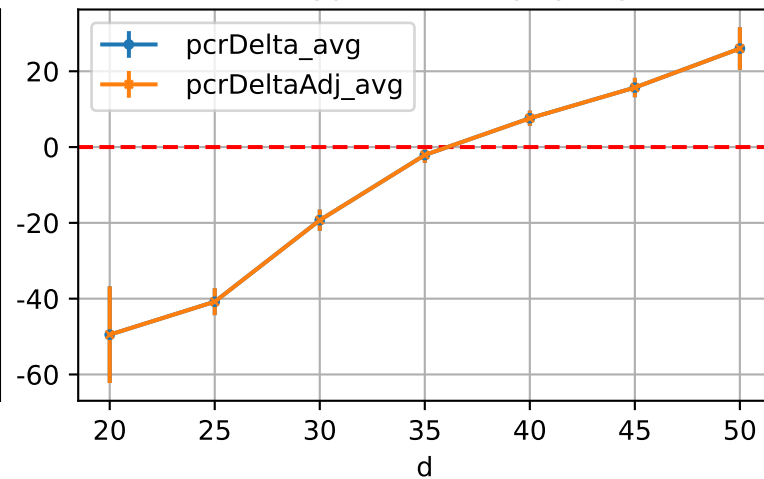


P10AW NdD: D_Q50_NdD

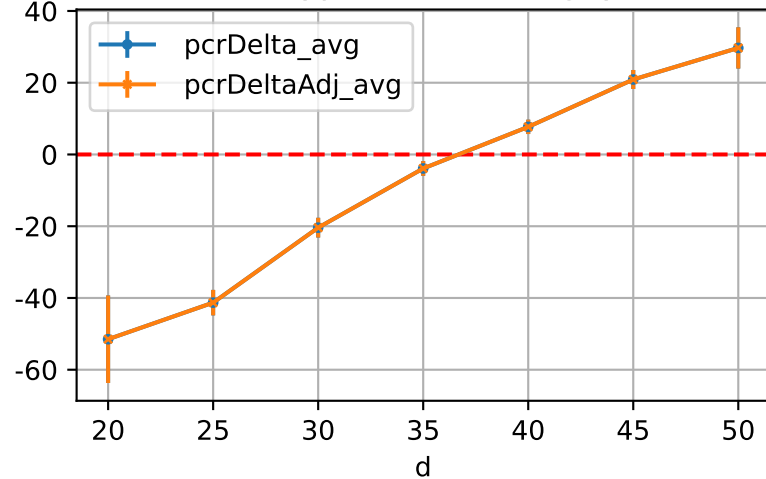
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

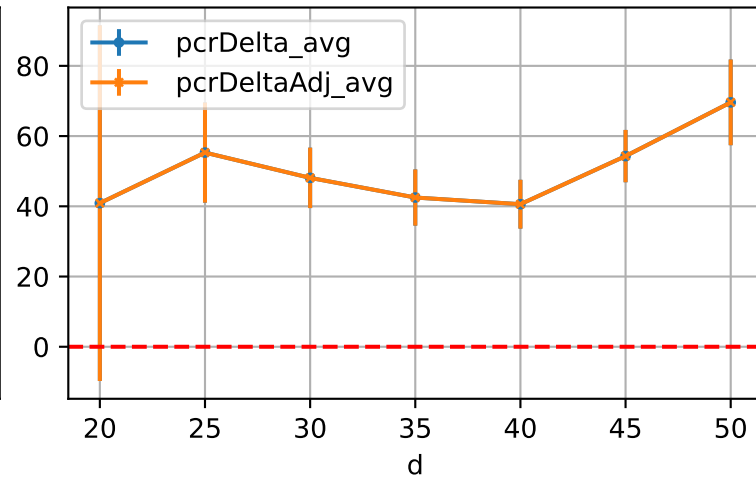


DeltaTypeAbbr=WeiAvgByD

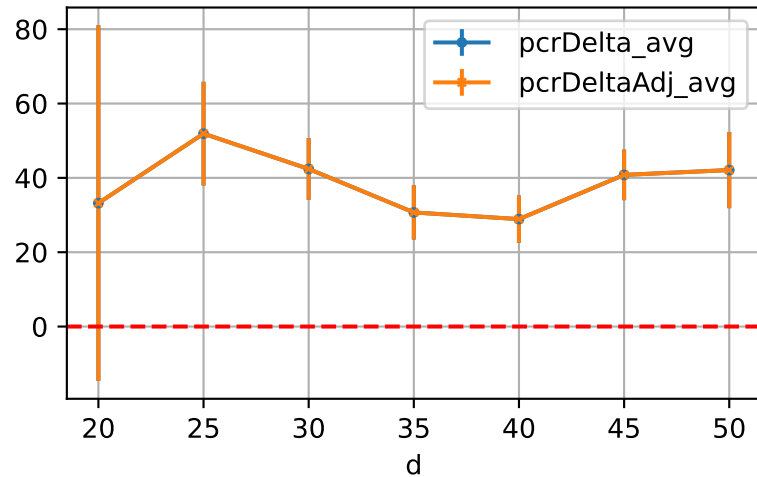


P10AW NdD: D_Est_NdD

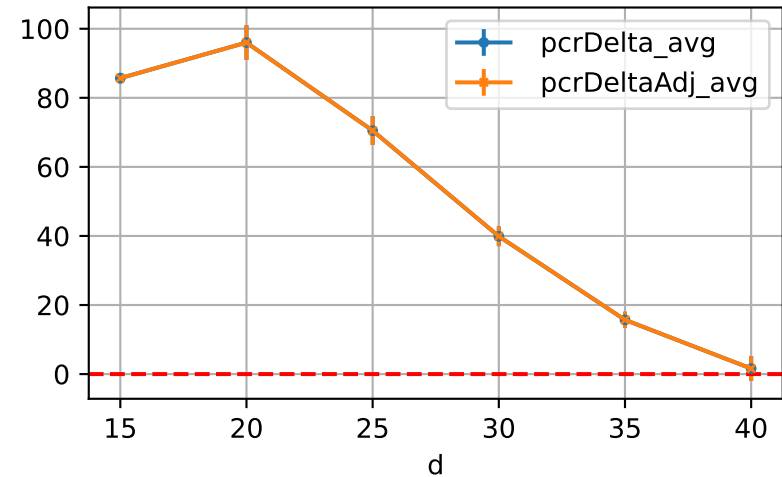
DeltaTypeAbbr=GrpByDay



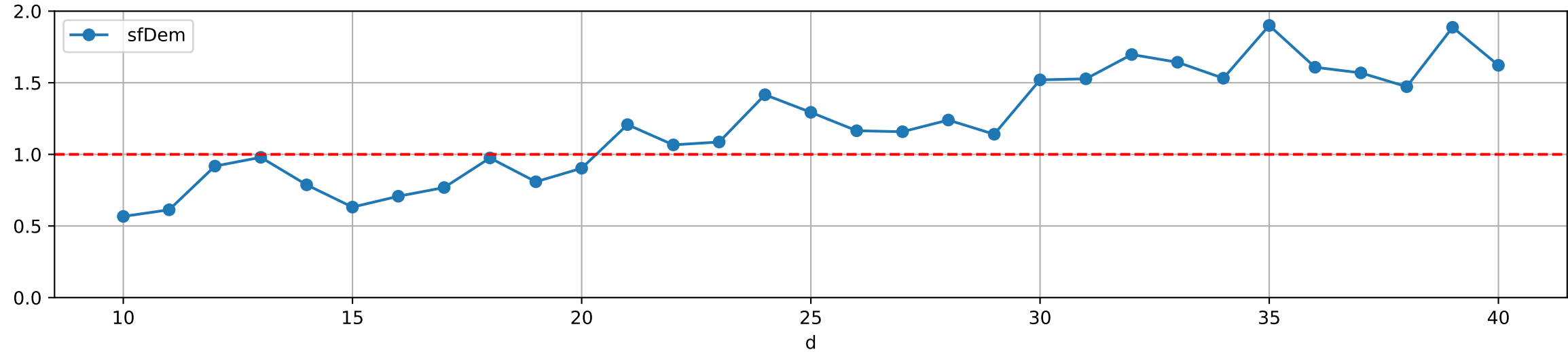
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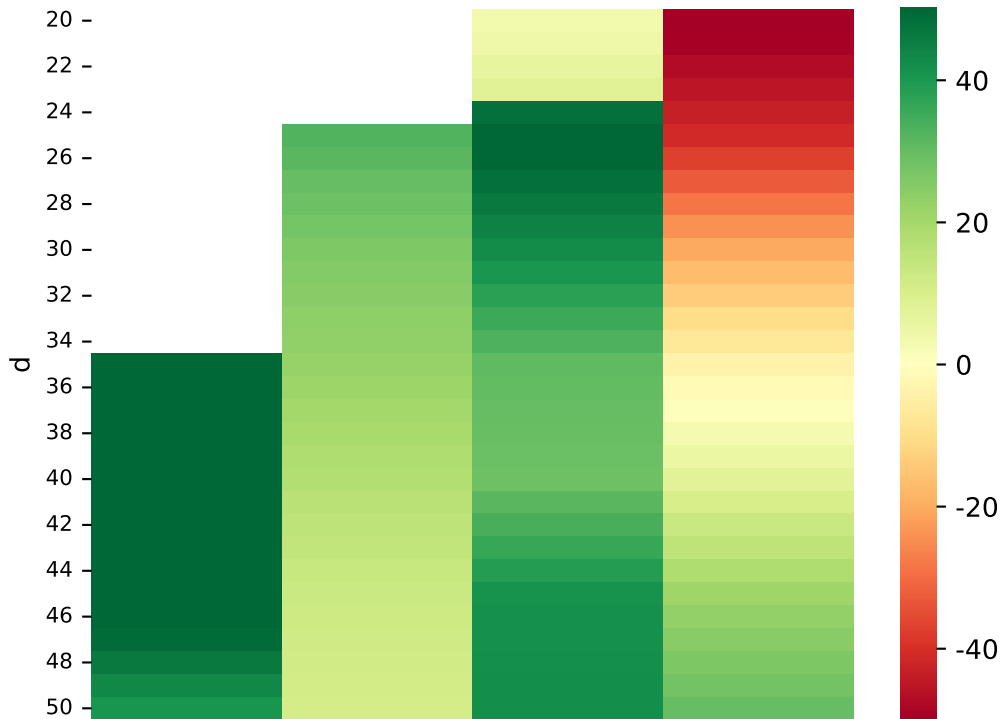


DeltaTypeAbbr=GrpByAge

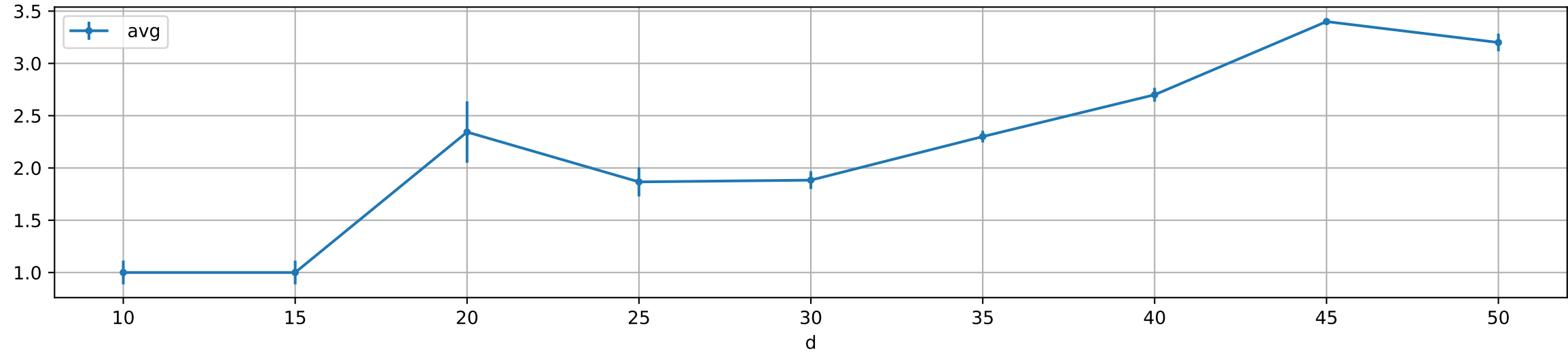


NdD: sfDem

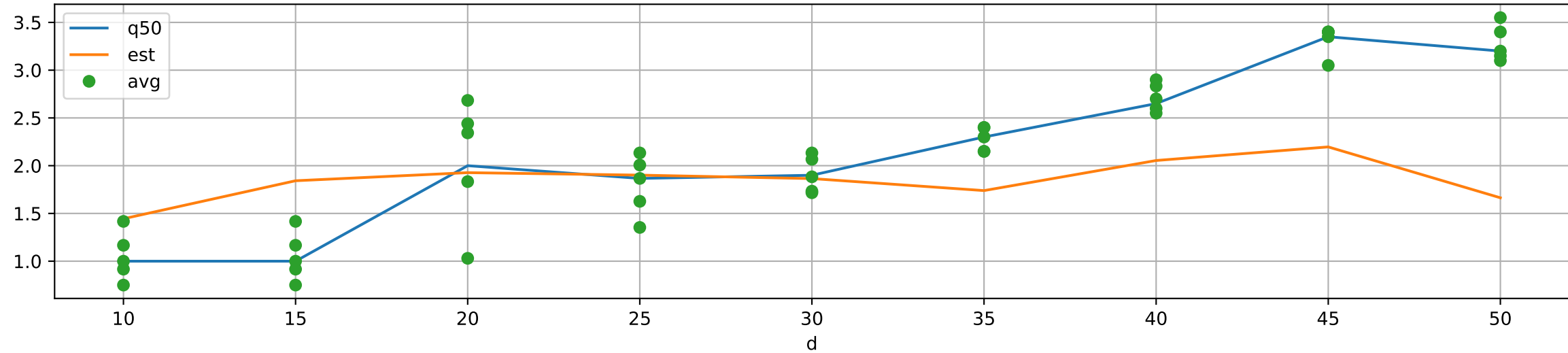




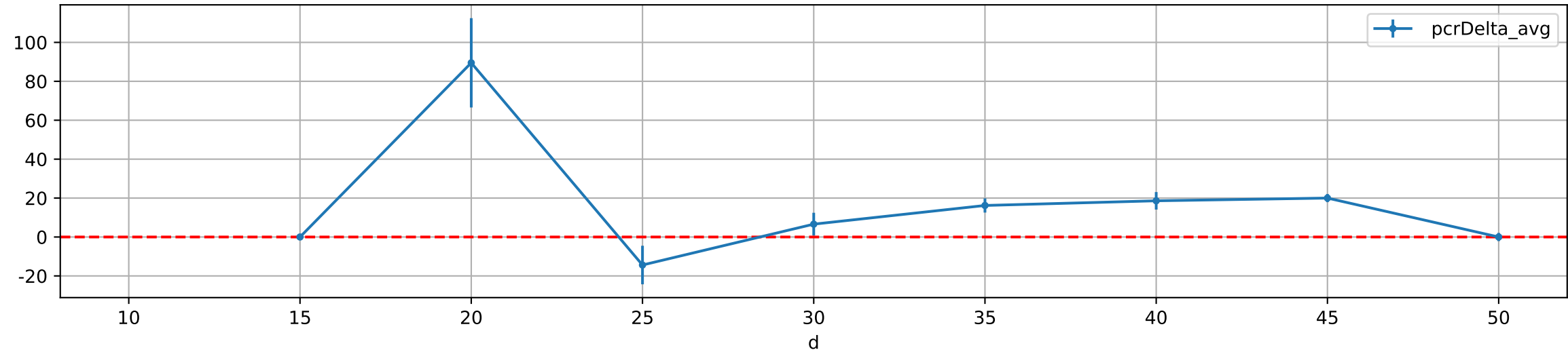
dStH: avg vs. d



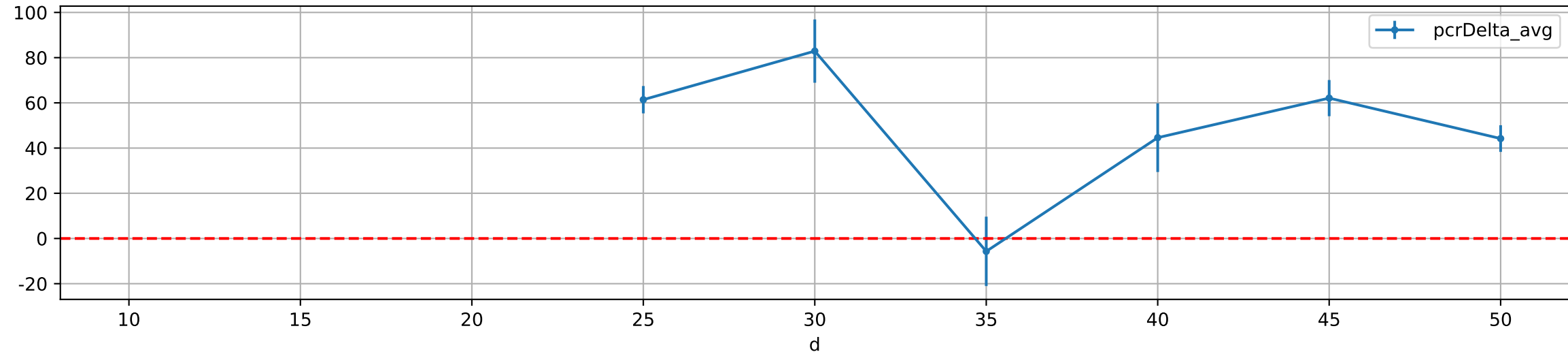
dStH: obsAvg vs obsOv@Q50



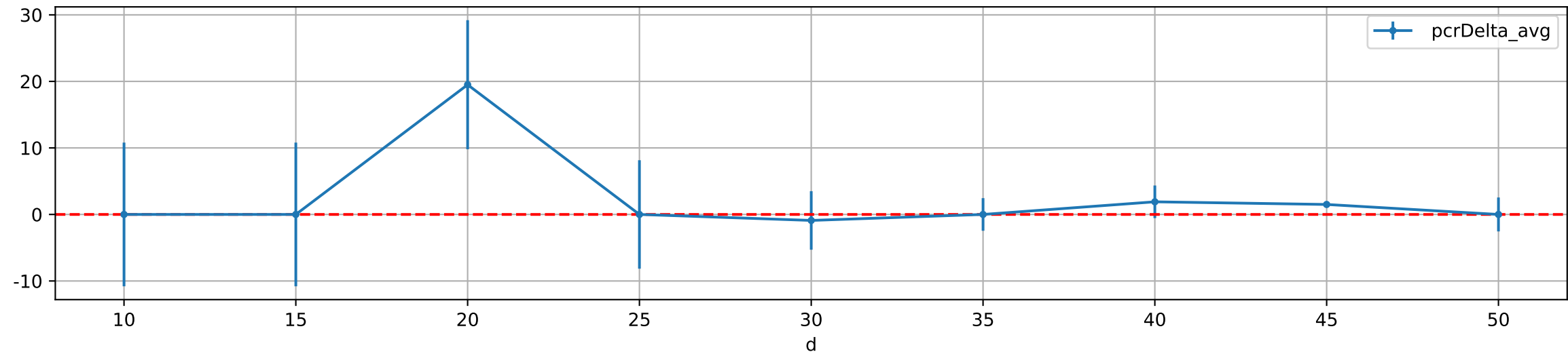
dStH: D_5d_StH



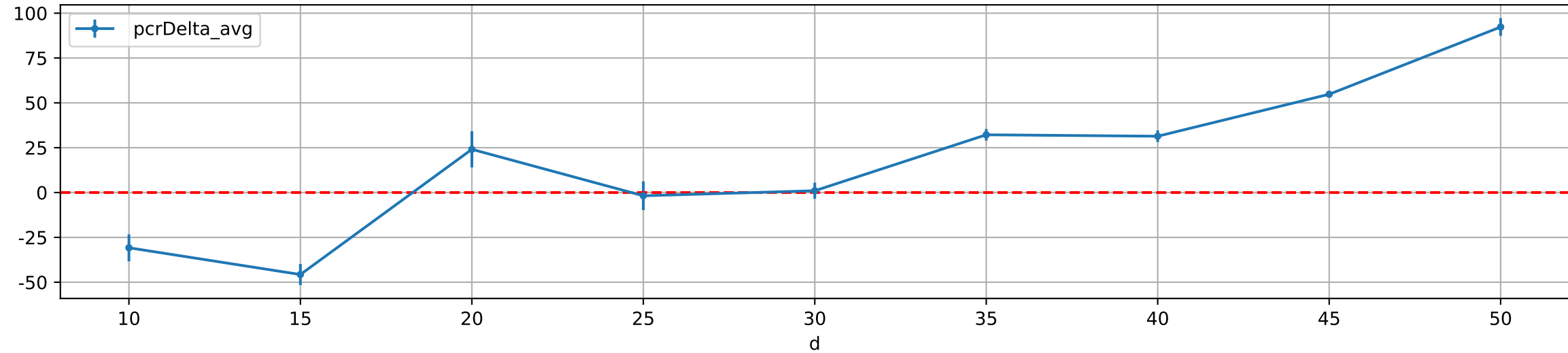
dStH: D_15d_StH



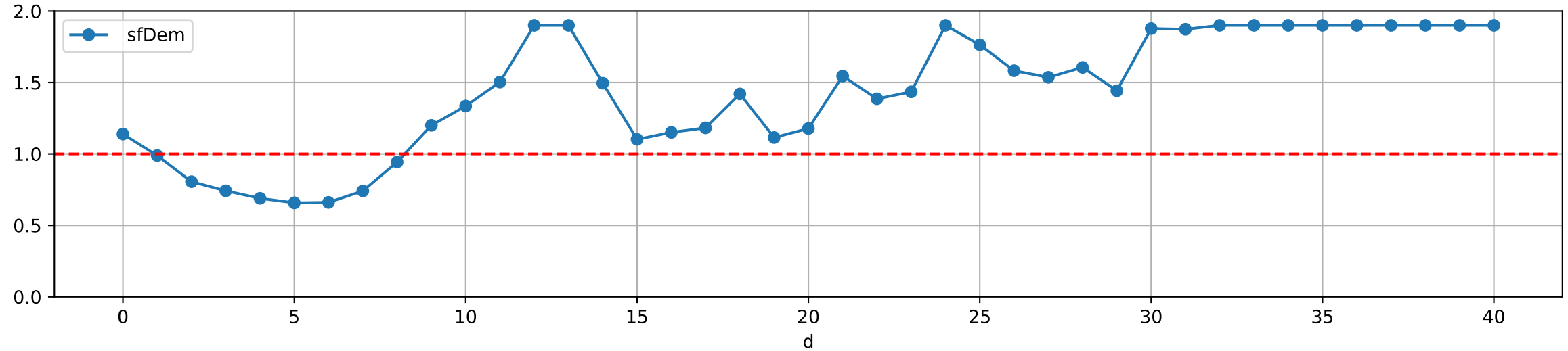
dStH: D_Q50_StH



dStH: D_Est_StH



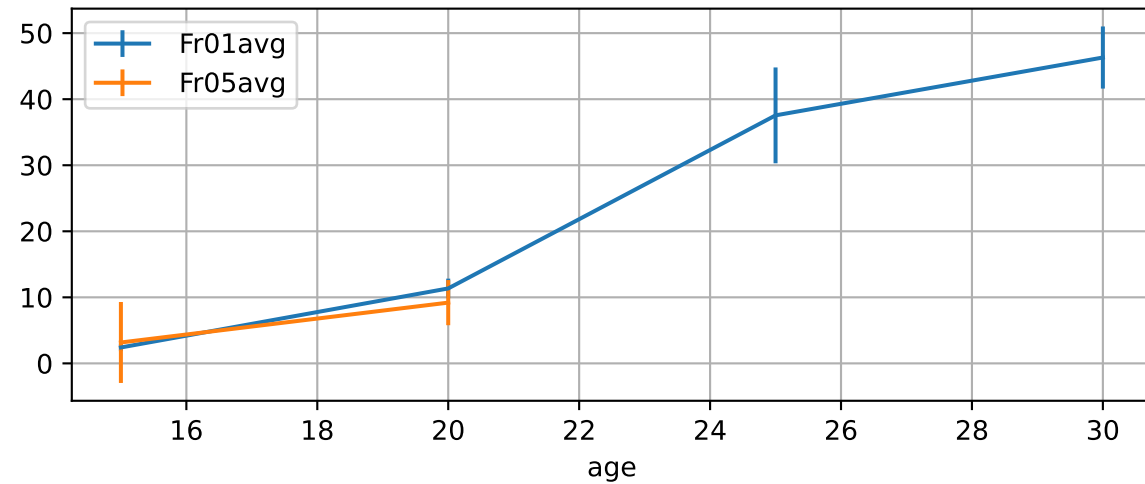
dStH: sfDem



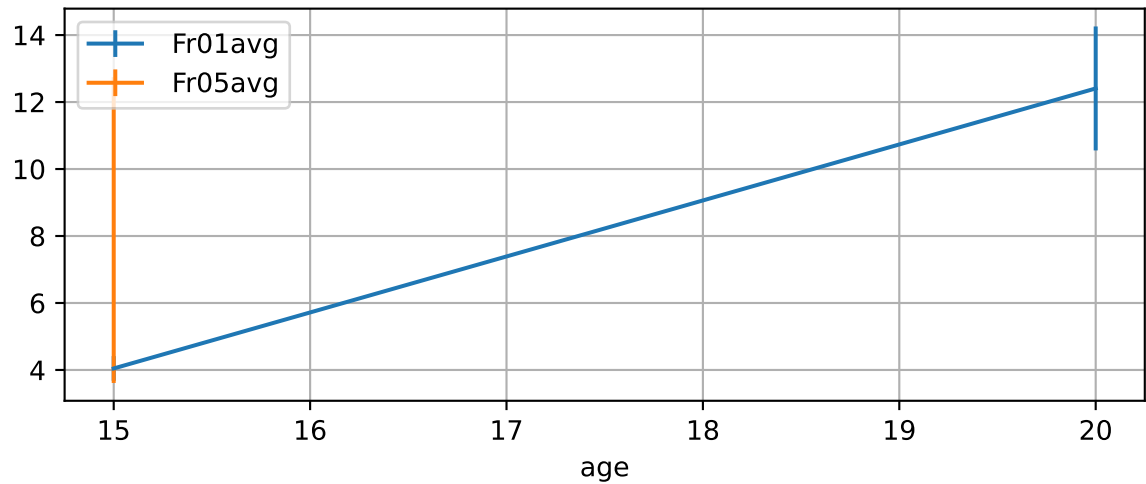


FrV: Fr01 vs Fr05 at each truss

organID=T01

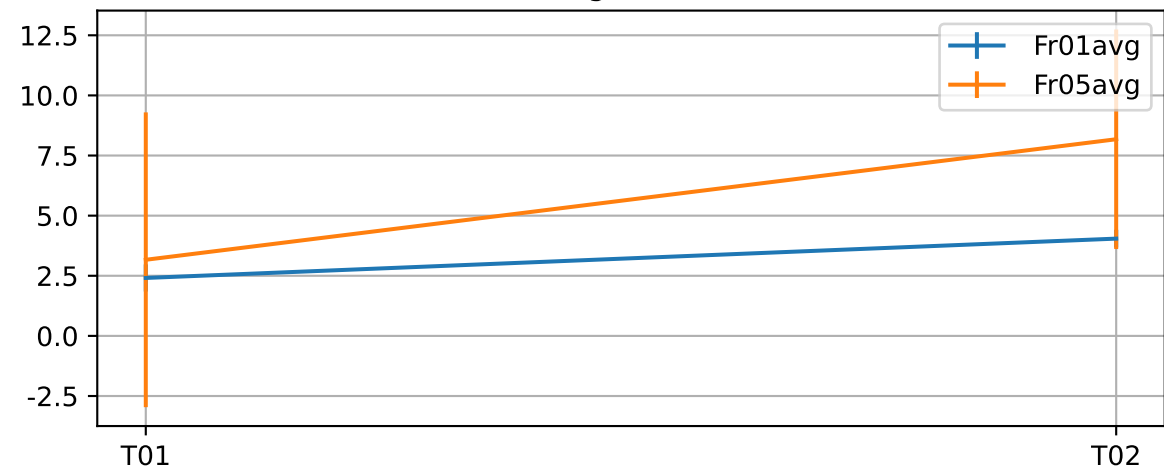


organID=T02

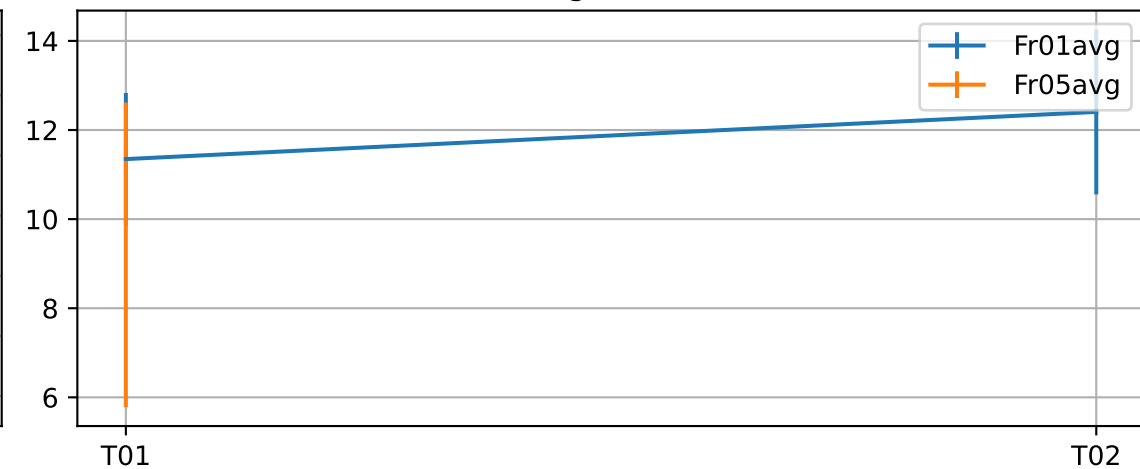


FrV trend at each age

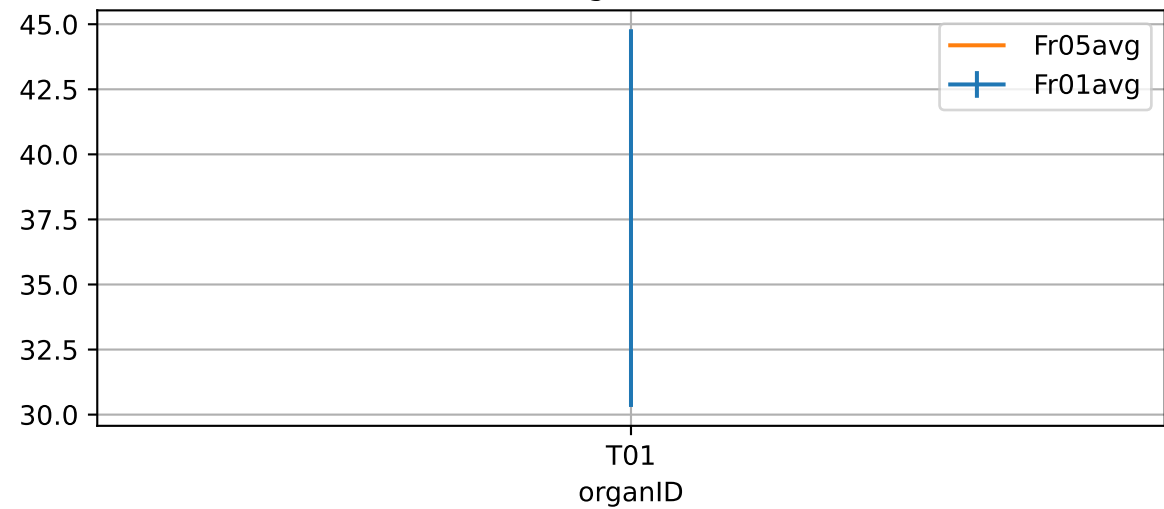
age=15



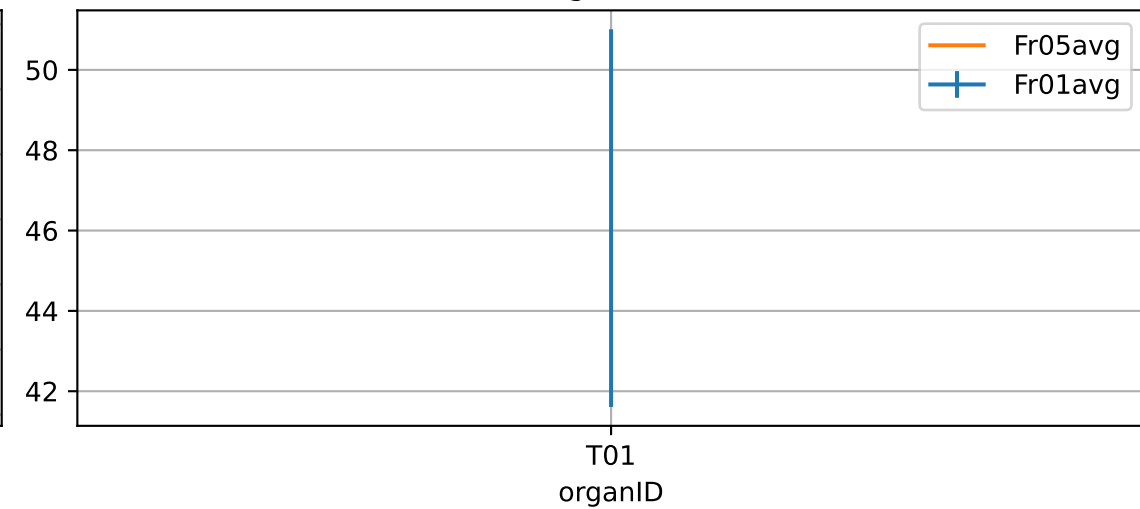
age=20



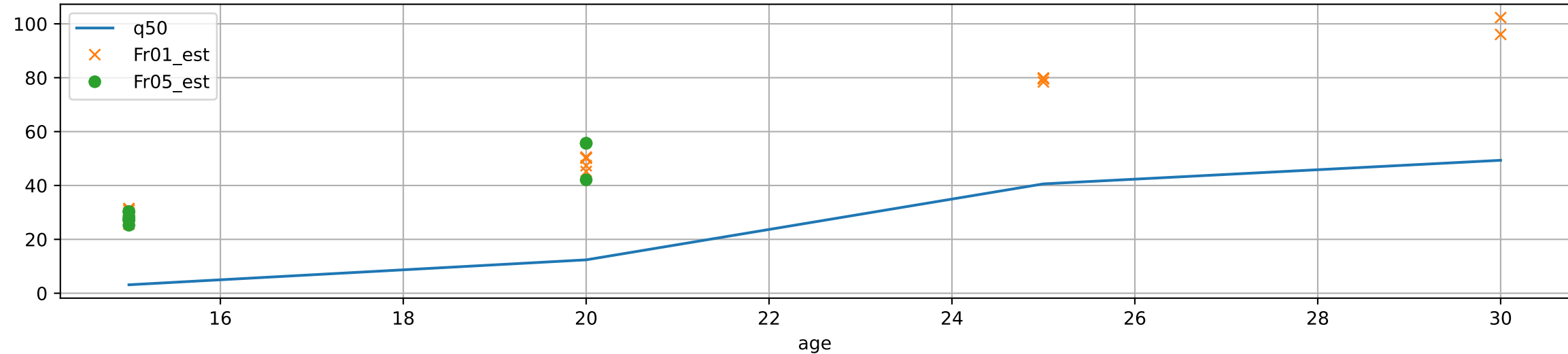
organID
age=25



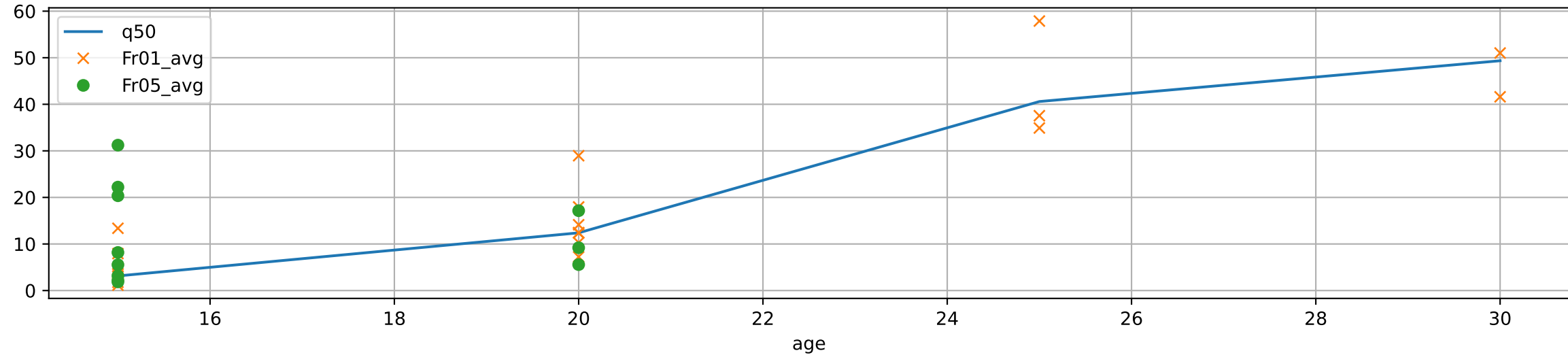
organID
age=30



FrV: model Est vs obsFrV at Q90

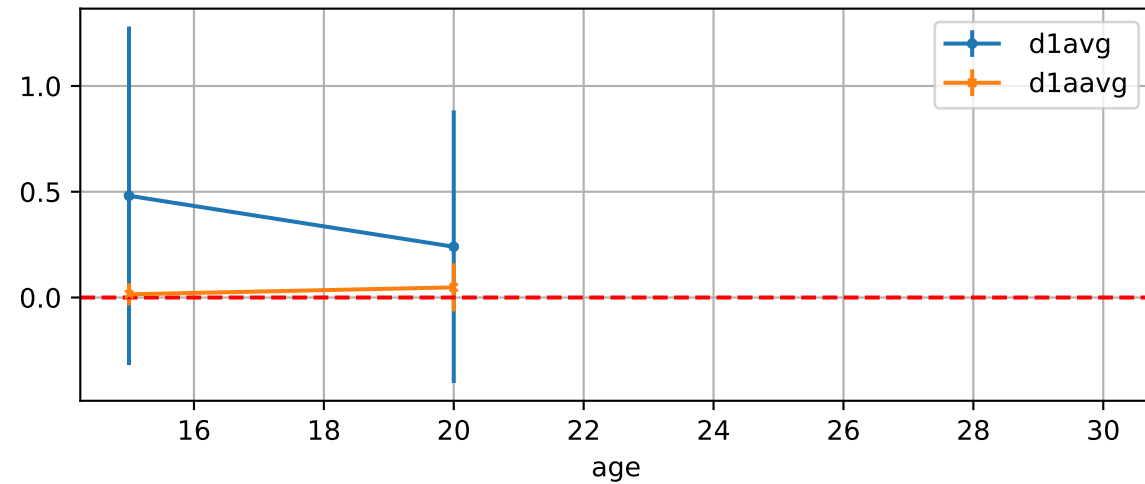


FrV: obsFrV vs obsFrV@Q90

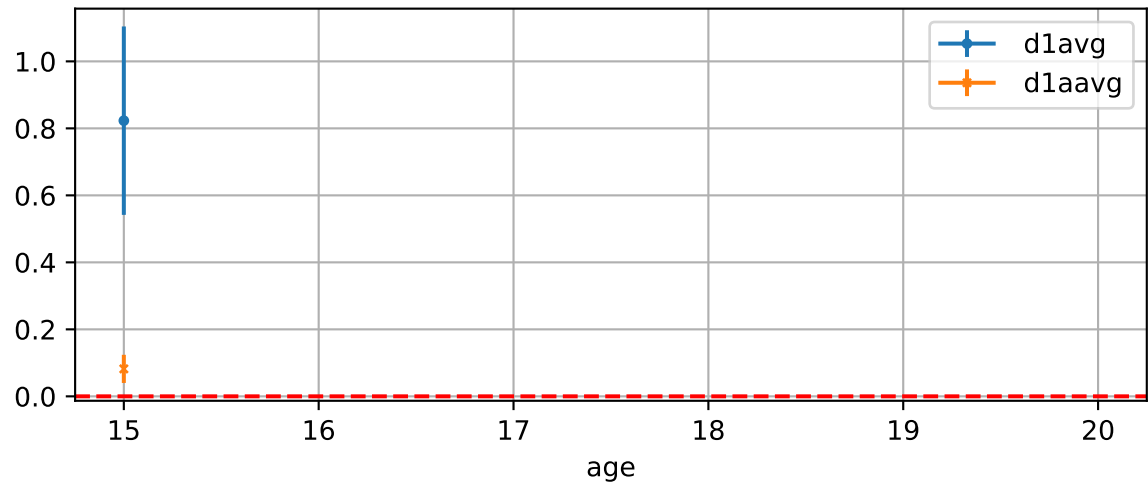


FrV: D_Fr1_FrV

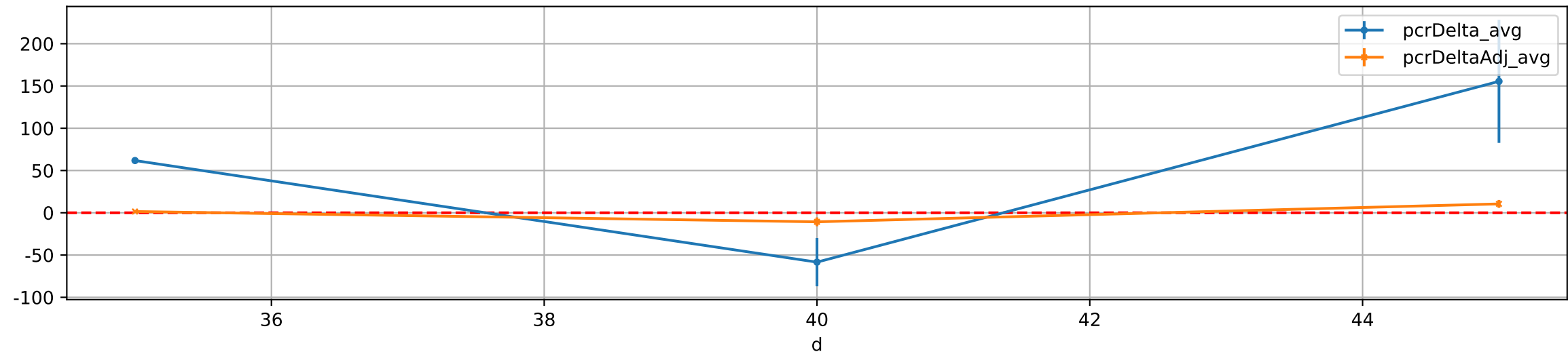
organID=1



organID=2

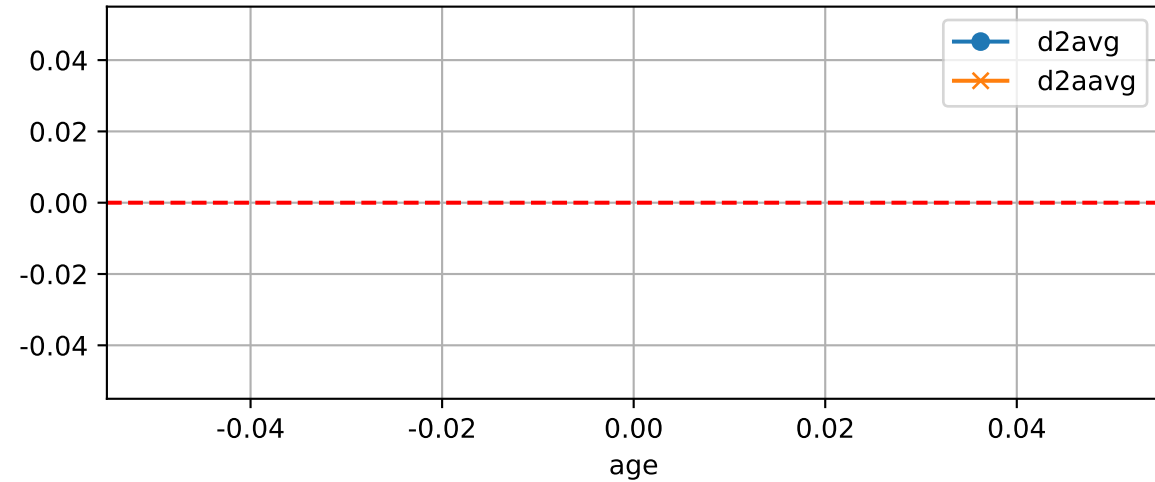


P10AW FrV: D_Fr1_FrV

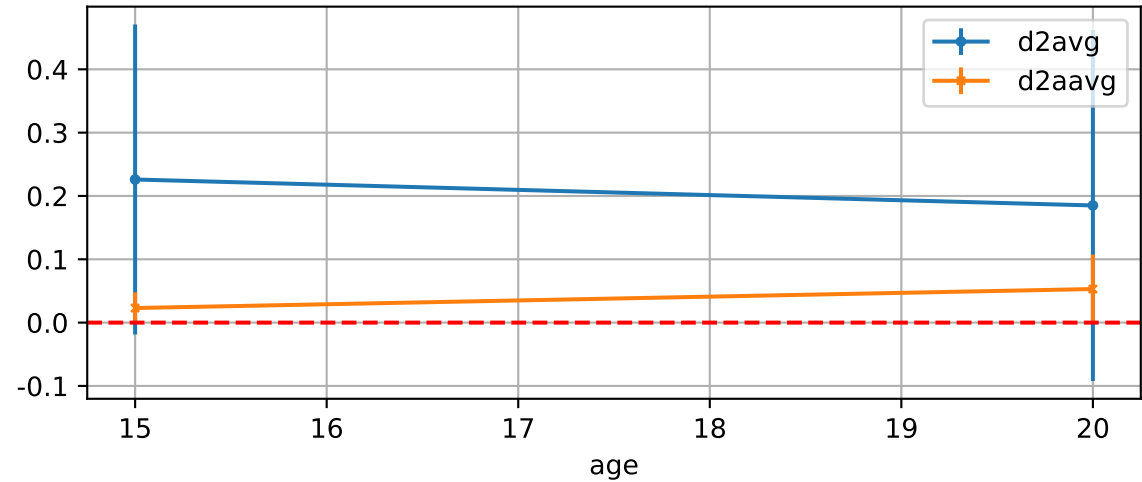


FrV: D_Ts_FrV

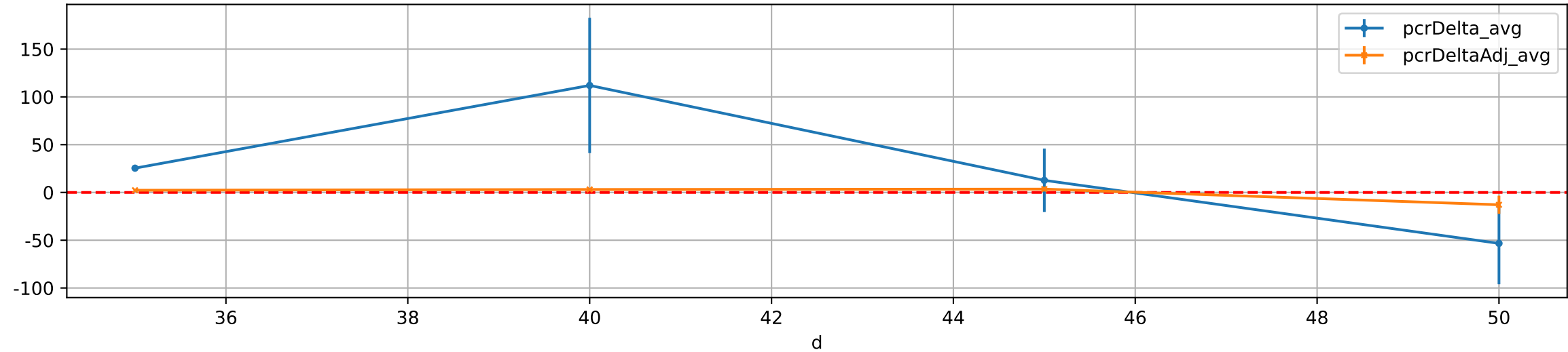
organID=1



organID=2

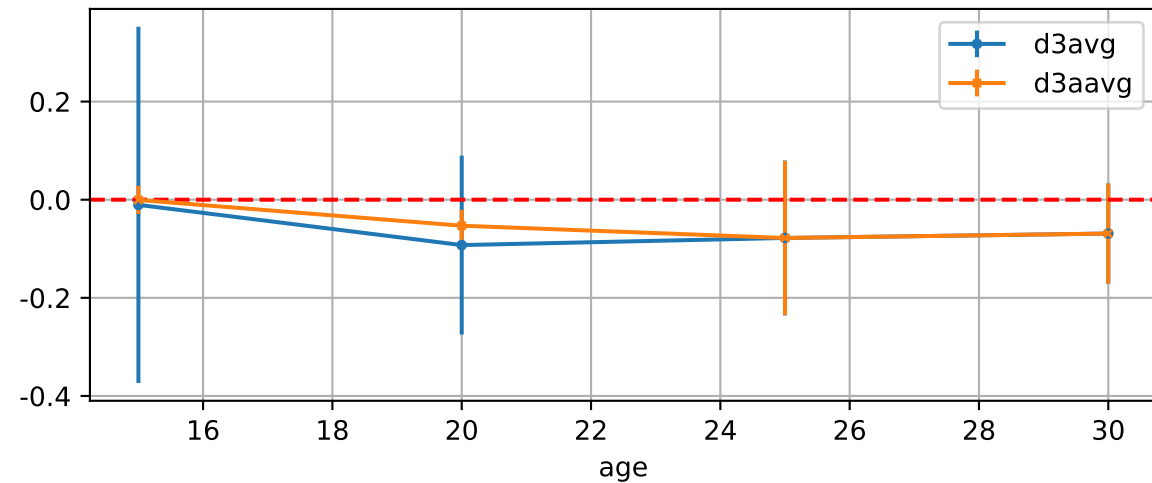


P10AW FrV: D_Ts_FrV

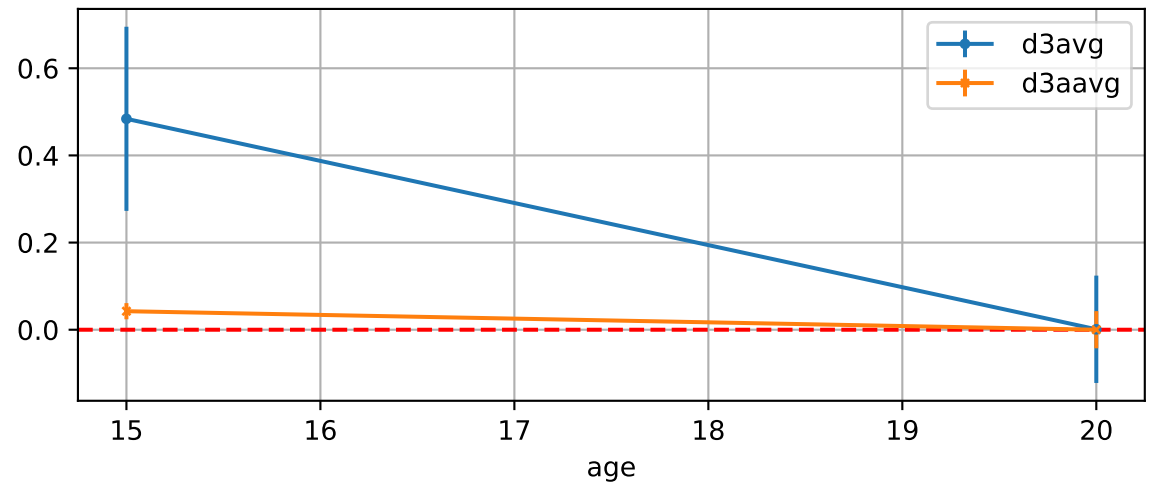


FrV: D_Q50_FrV

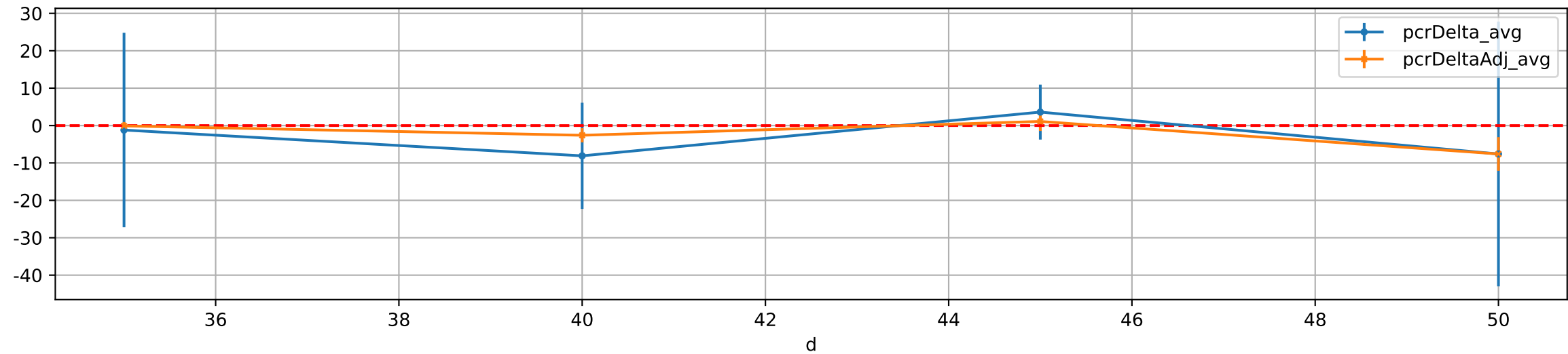
organID=1



organID=2

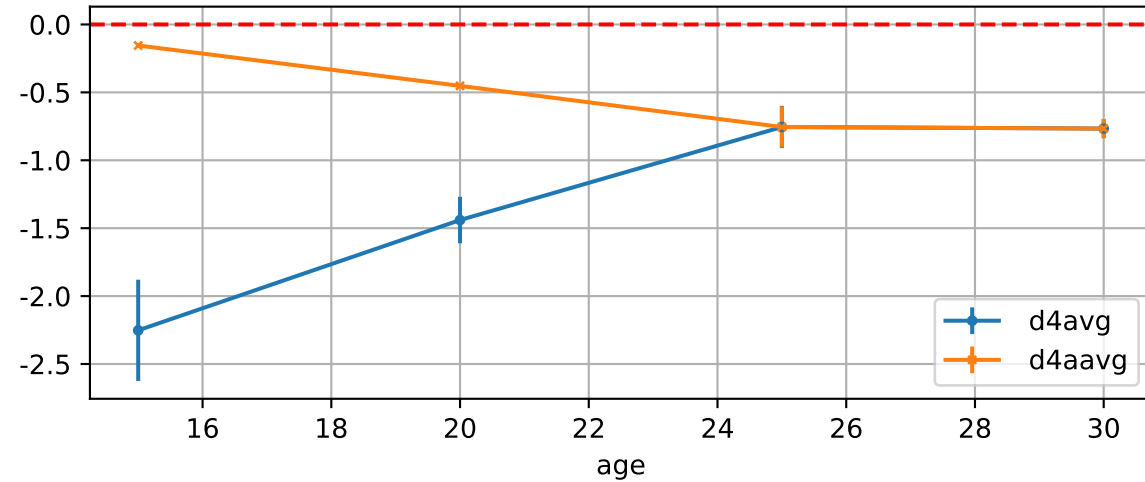


P10AW FrV: D_Q50_FrV

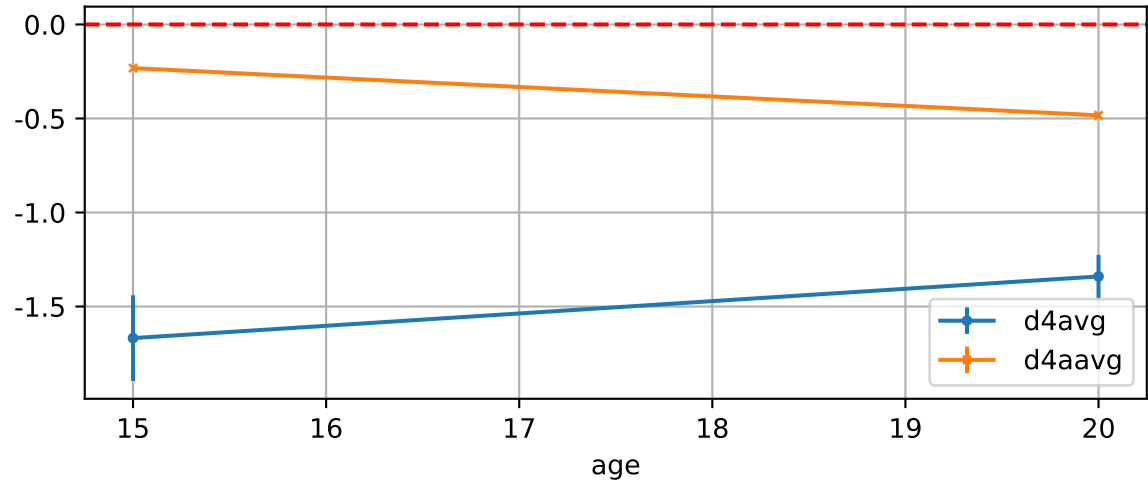


FrV: D_Est_FrV

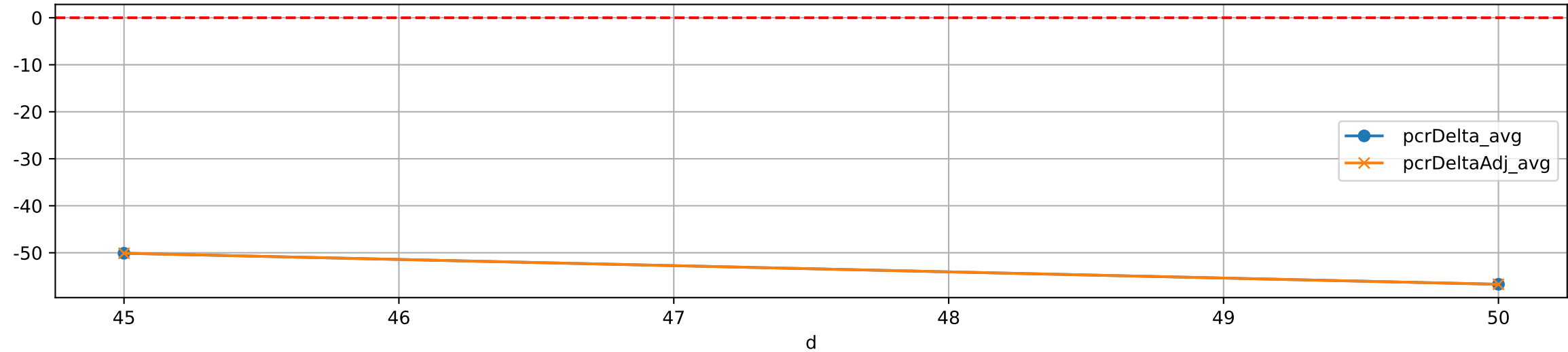
organID=1



organID=2



P10AW FrV: D_Est_FrV



P10AW FrV: sfDem

