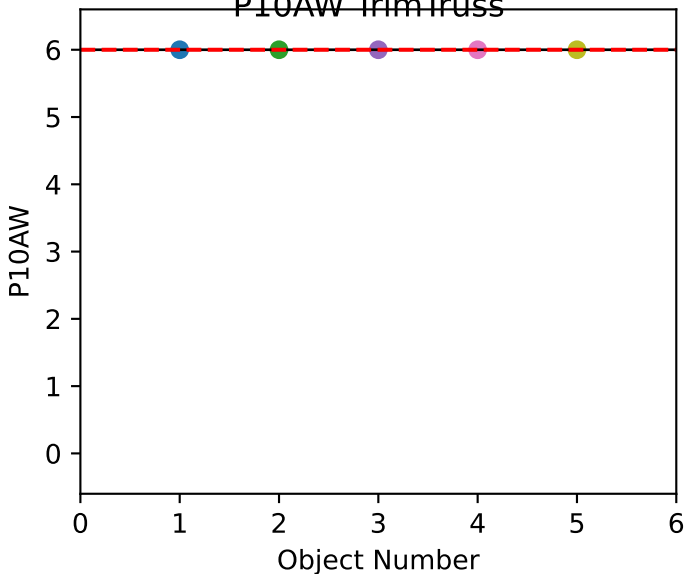


Phenotype Data Analysis Plots
PhenoData day range = 10 - 38
Analysis cutoff day = 38
NC11 P10
2025-05-09 (Day 39)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

P10AW Trim Truss



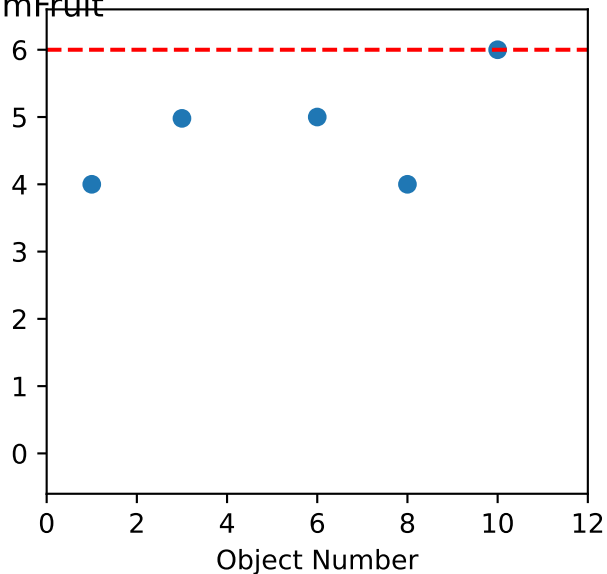
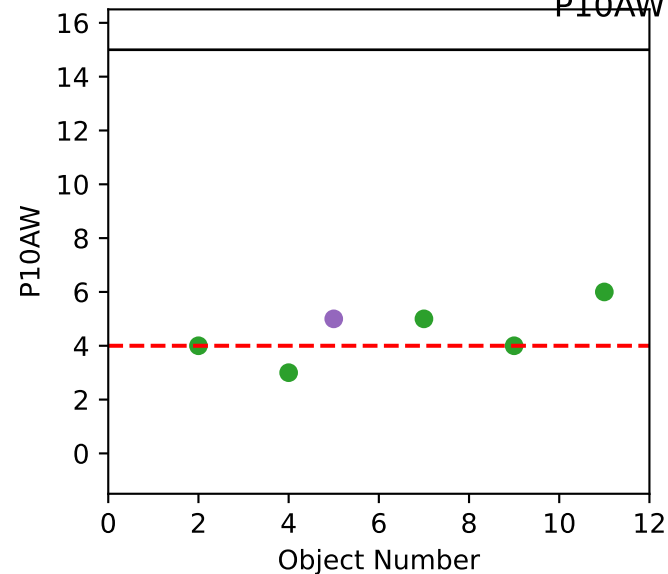
FruitNumAvgPerTruss (Def=15 Set=4)

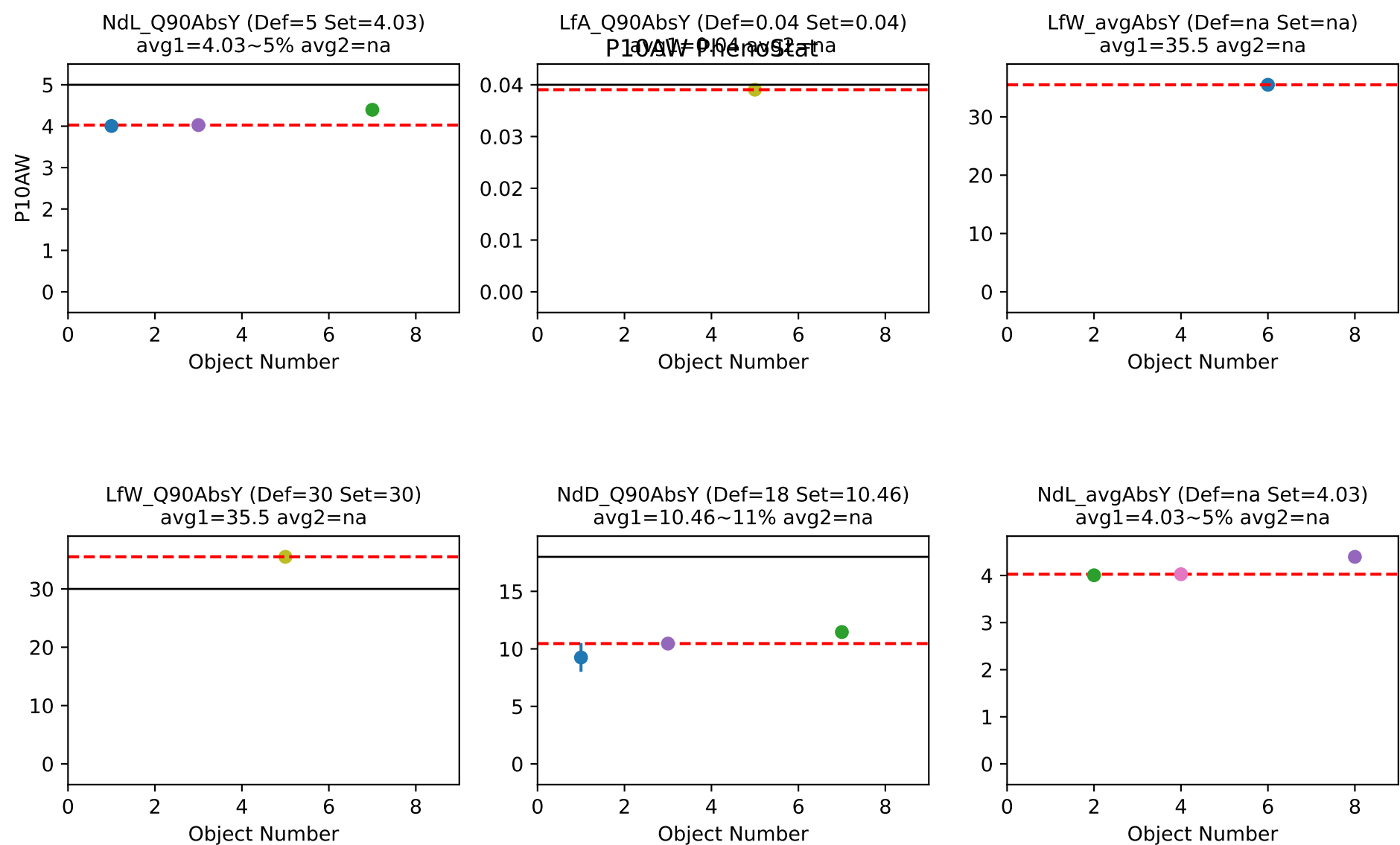
avg1=4.0~23% avg2=na

P10AW TrimFruit

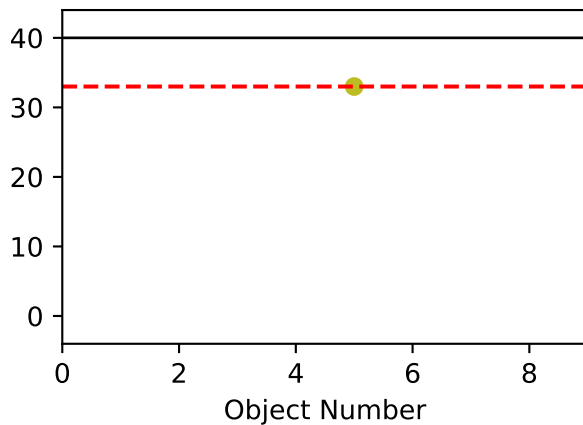
FruitNumMaxPerTruss (Def=na Set=6)

avg1=6.0~15% avg2=na

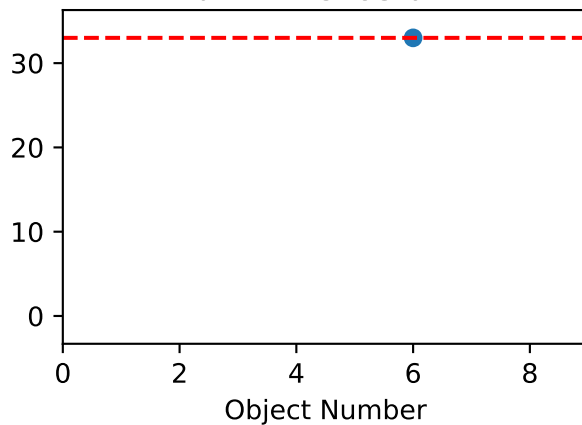




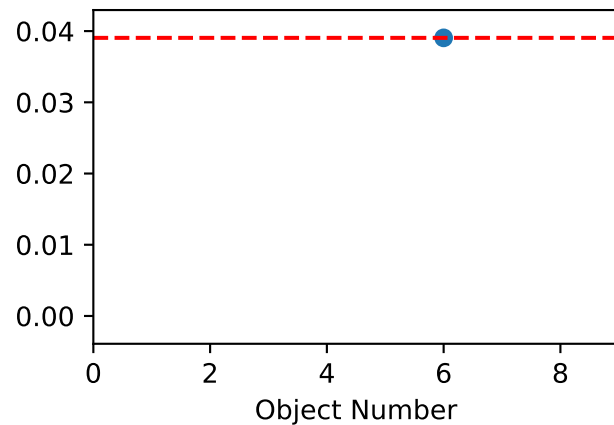
LfL_Q90AbsY (Def=40 Set=40)
avg1=33.0 avg2=na



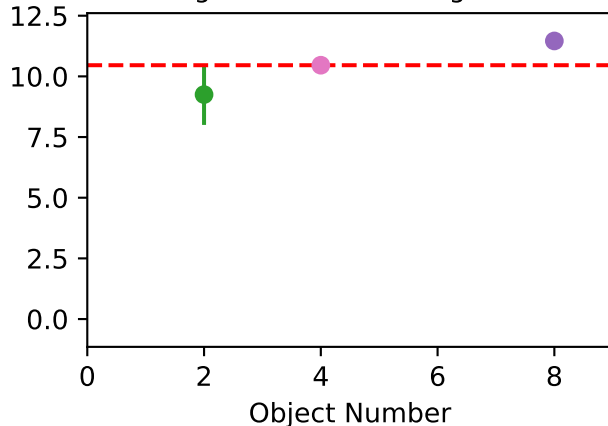
LfL_avgAbsY (Def=na Set=na)
P10AW Phenostat
avg1=33.0 avg2=na



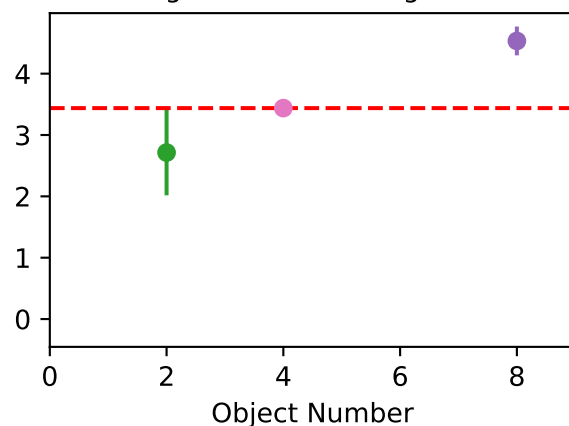
LfA_avgAbsY (Def=na Set=na)
avg1=0.04 avg2=na



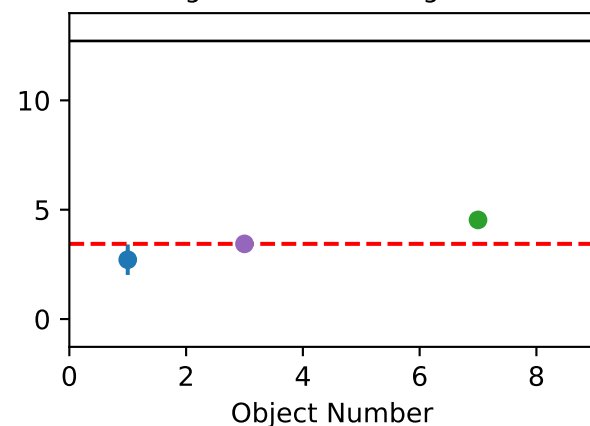
NdD_avgAbsY (Def=na Set=10.46)
avg1=10.46~11% avg2=na



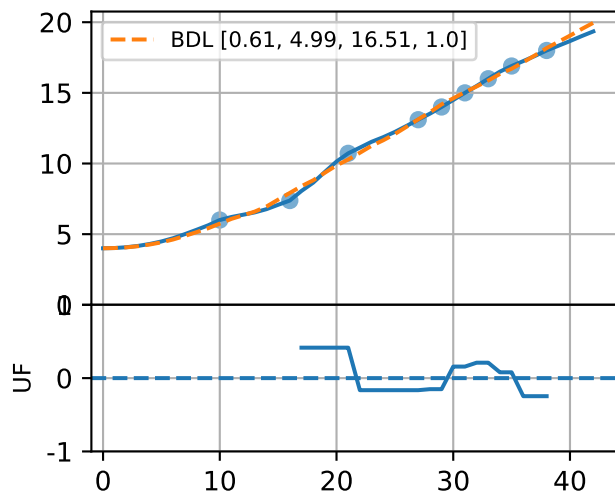
NdV_avgAbsY (Def=na Set=na)
avg1=3.44~27% avg2=na



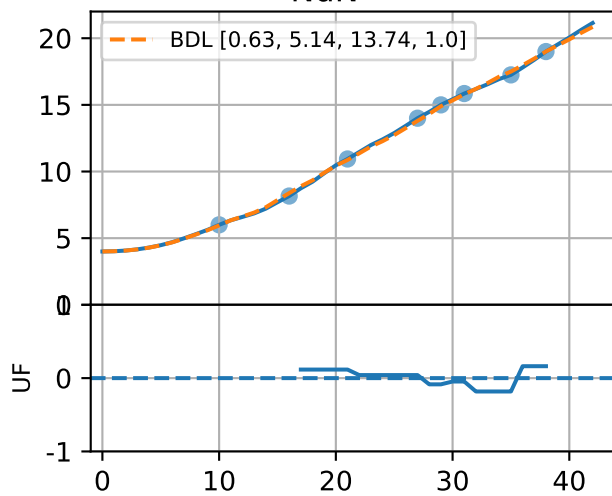
NdV_Q90AbsY (Def=12.72 Set=12.72)
avg1=3.44~27% avg2=na



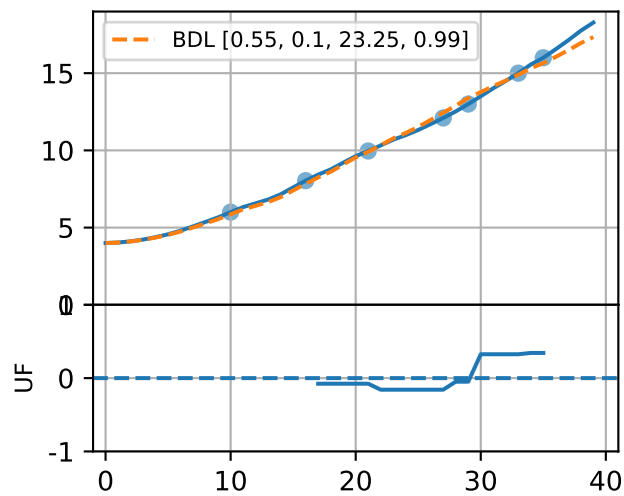
P10AW-003-11 (fit failed)



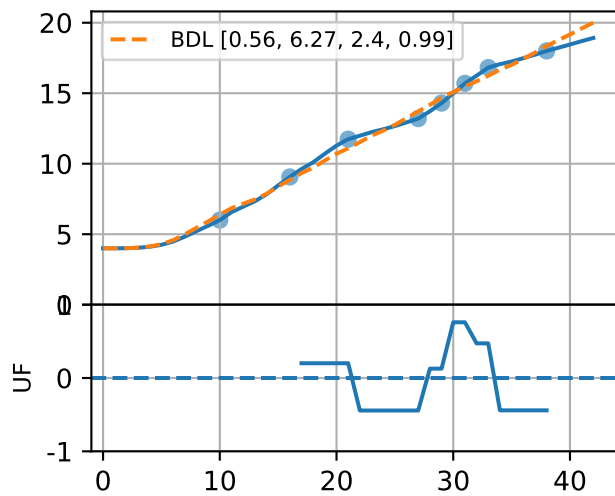
P10AW-016-13 (fit failed)



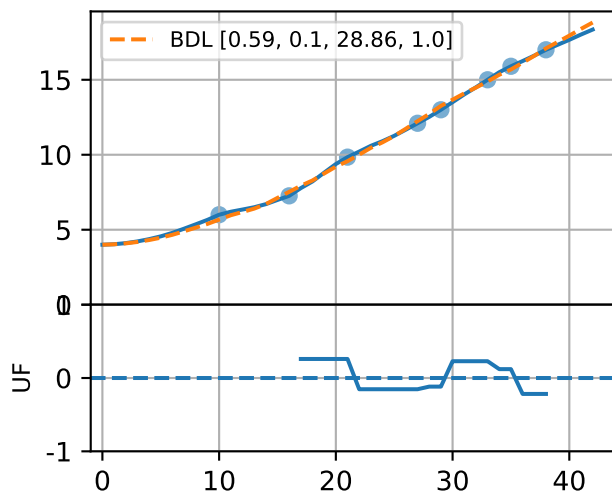
P10AW-029-30 (fit failed)



P10AW-041-24 (fit failed)

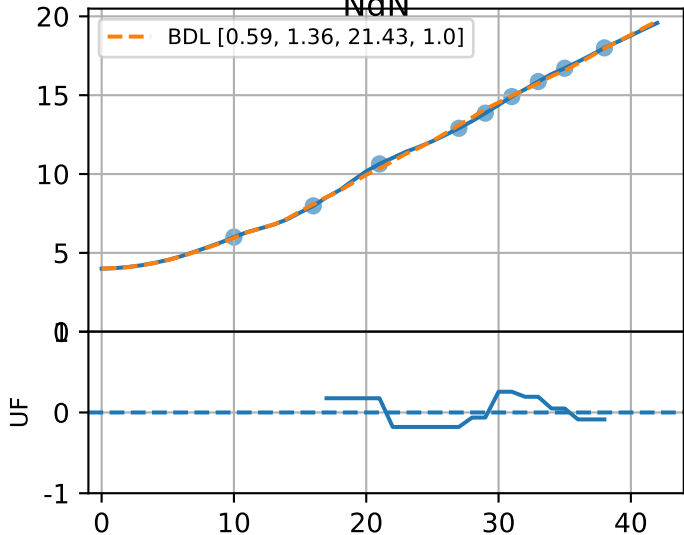


P10AW-054-10 (fit failed)

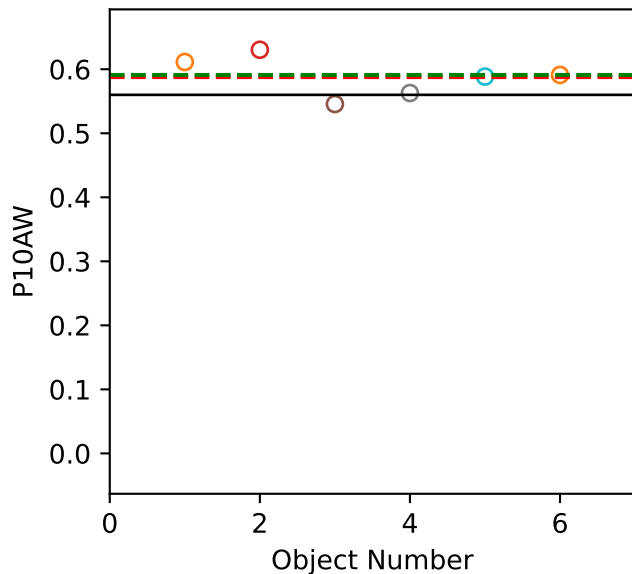


P10AWavg (fit failed)

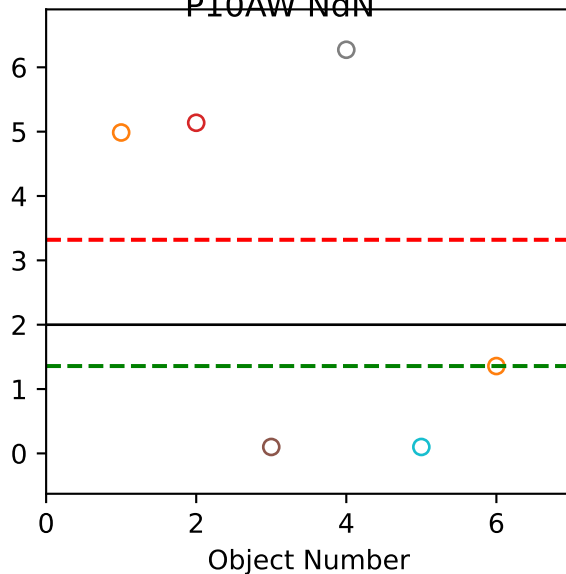
NaN



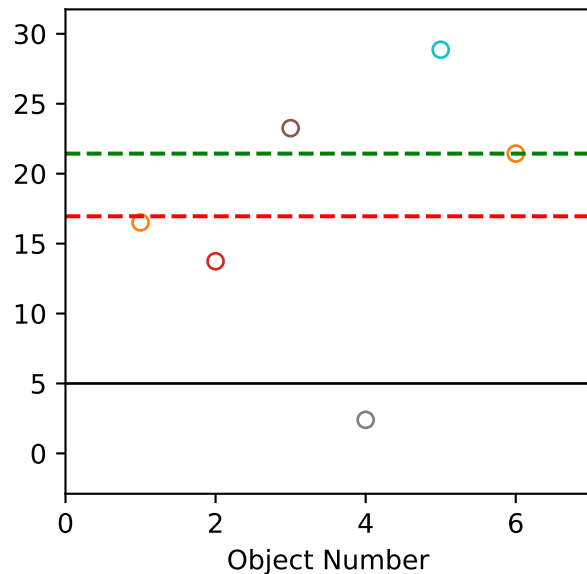
a (Def=0.56 Set=0.59)
avg1=0.59(fail) avg2=0.59



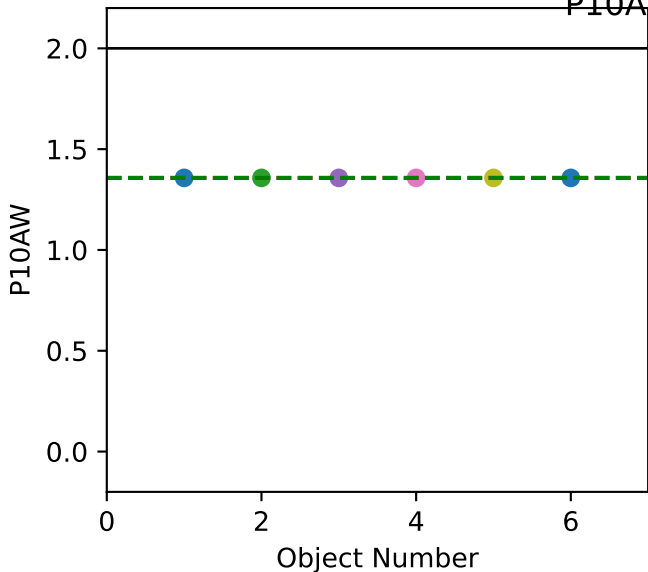
dm (Def=2 Set=1.36)
avg1=3.32(fail) avg2=1.36



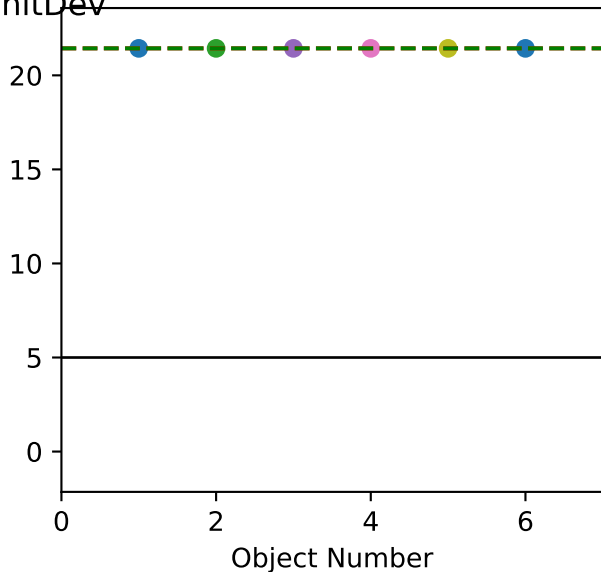
de (Def=5 Set=21.43)
avg1=16.95(fail) avg2=21.43



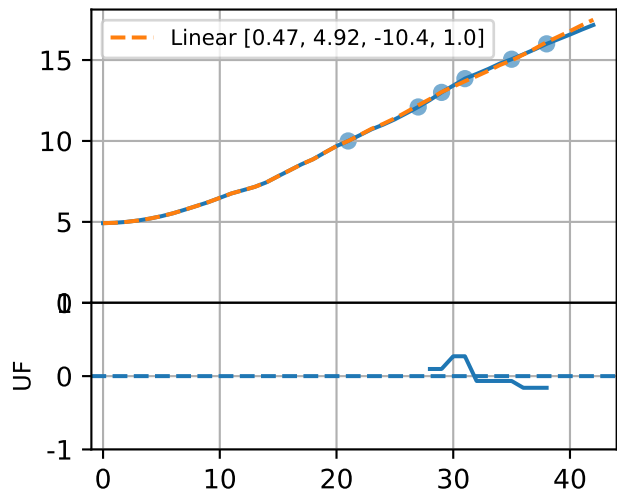
InitDev_dm (Def=2 Set=1.36)
avg1=1.36~0% avg2=1.36



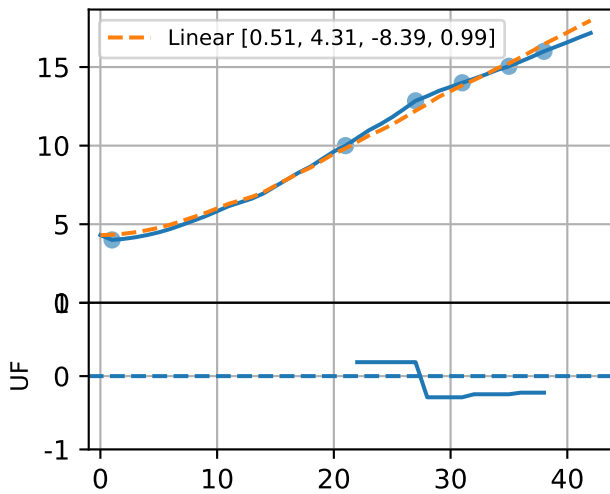
InitDev_de (Def=5 Set=21.43)
avg1=21.43~0% avg2=21.43



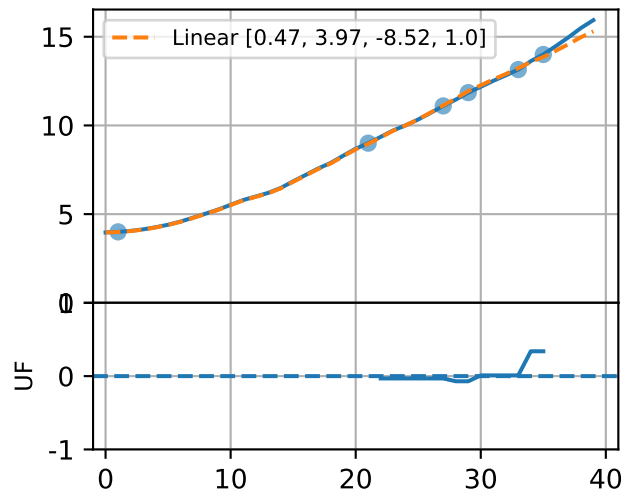
P10AW-003-11



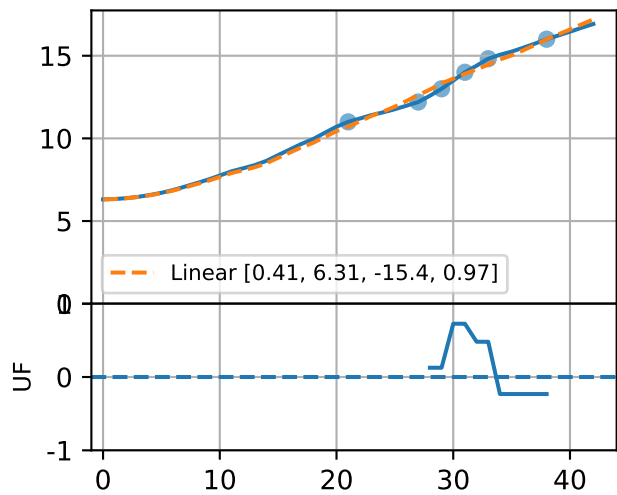
P10AW-016-3



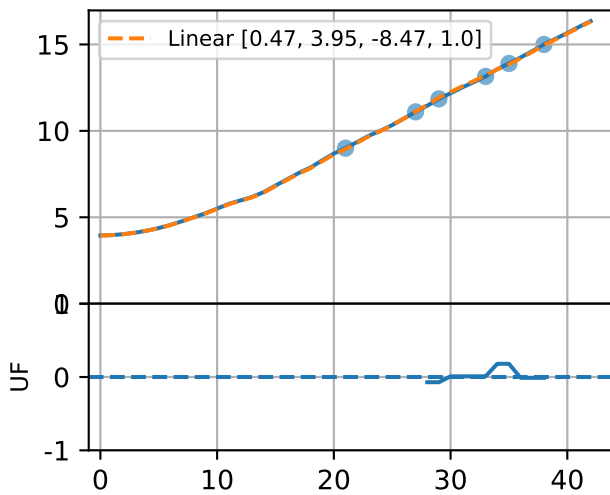
P10AW-029-30



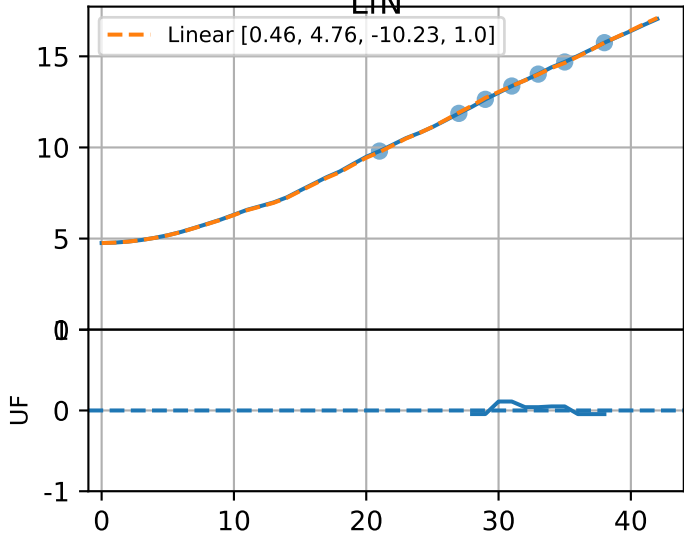
P10AW-041-24



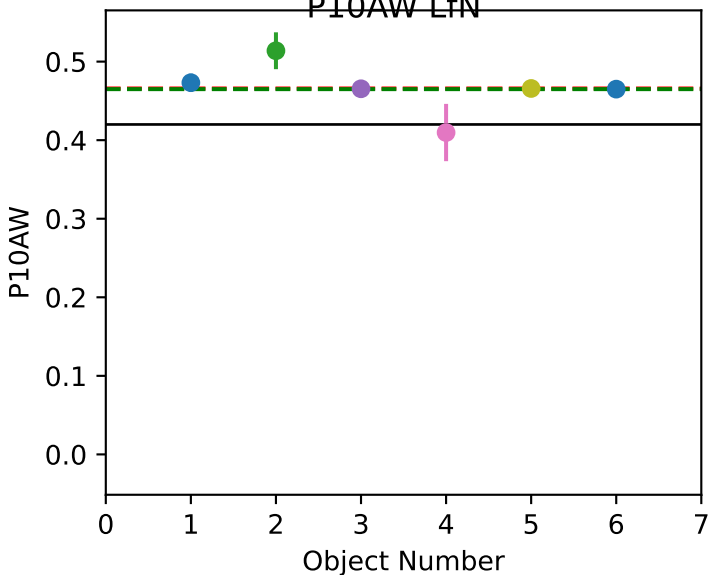
P10AW-054-10



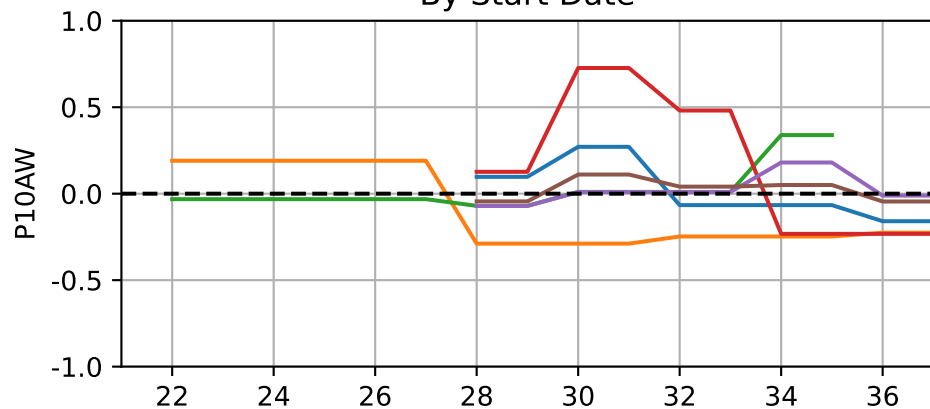
P10AWavg Lfn



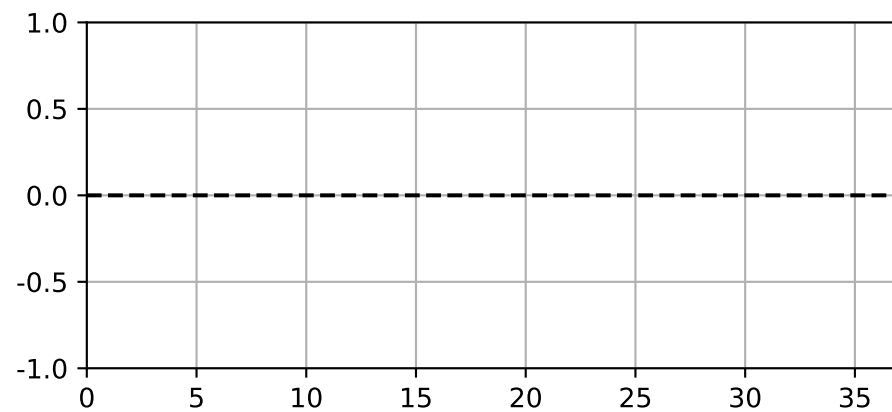
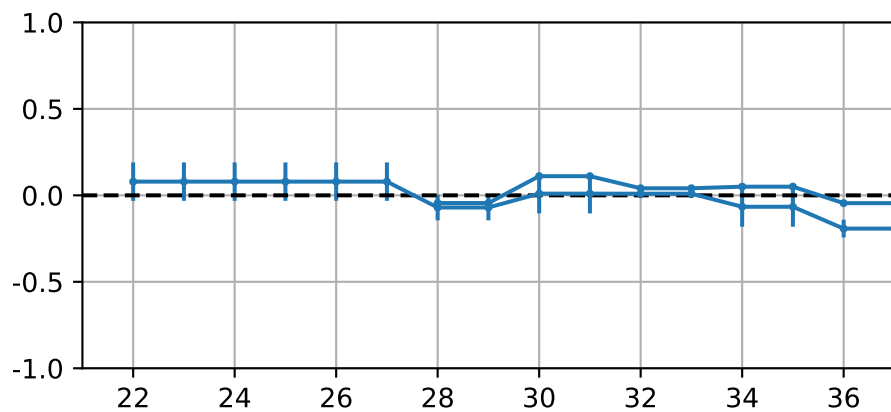
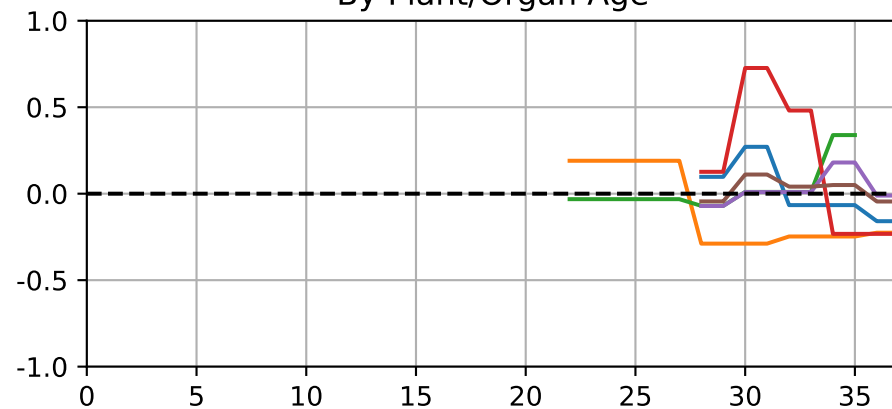
a (Def=0.42 Set=0.46)
avg1=0.47~1% avg2=0.46~2%



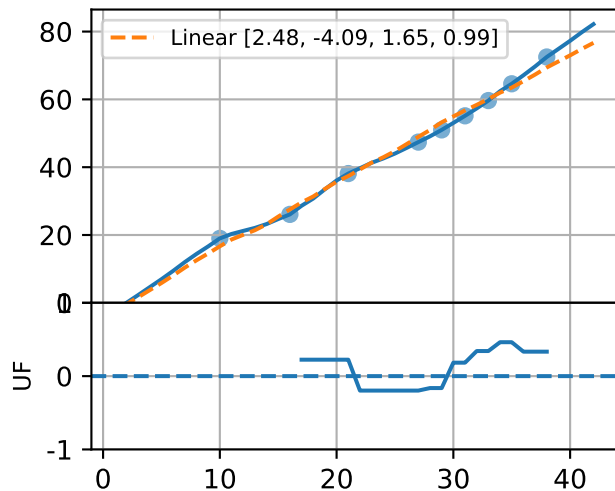
By Start Date



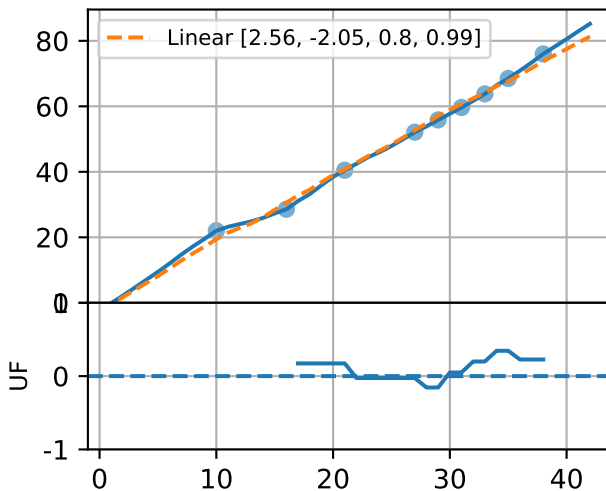
By Plant/Organ Age



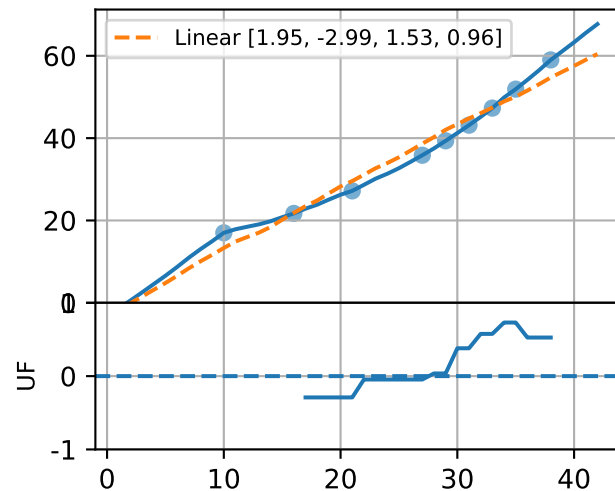
P10AW-003-11



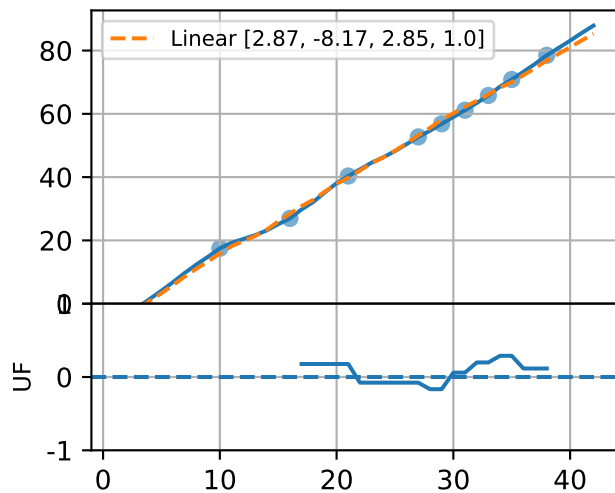
P10AW-016-3



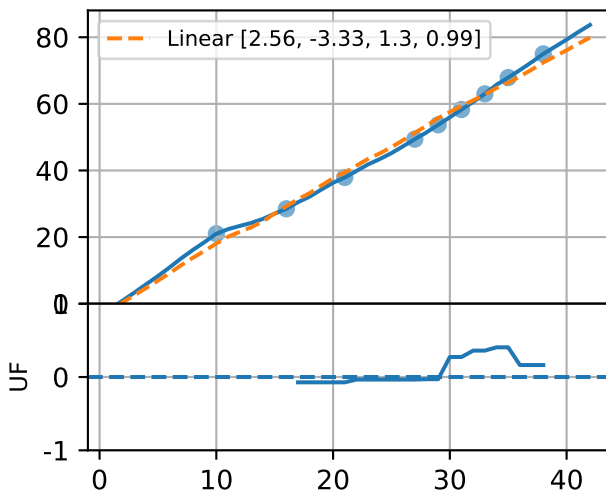
P10AW-029-30



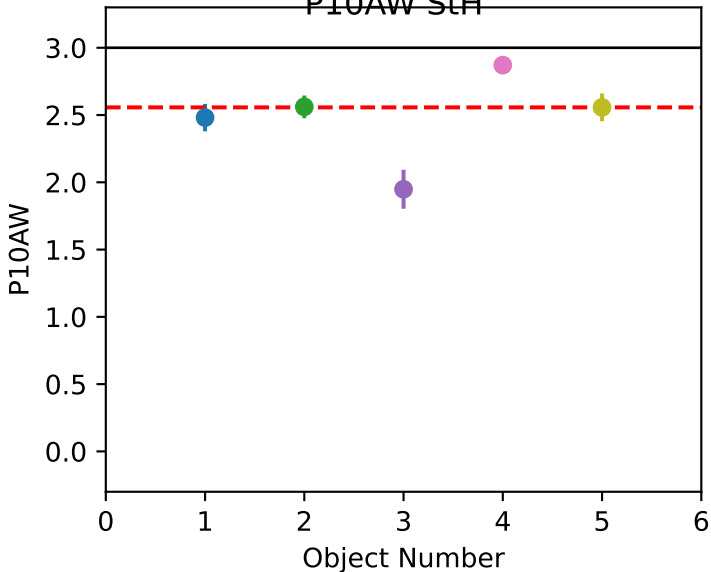
P10AW-041-24



P10AW-054-10

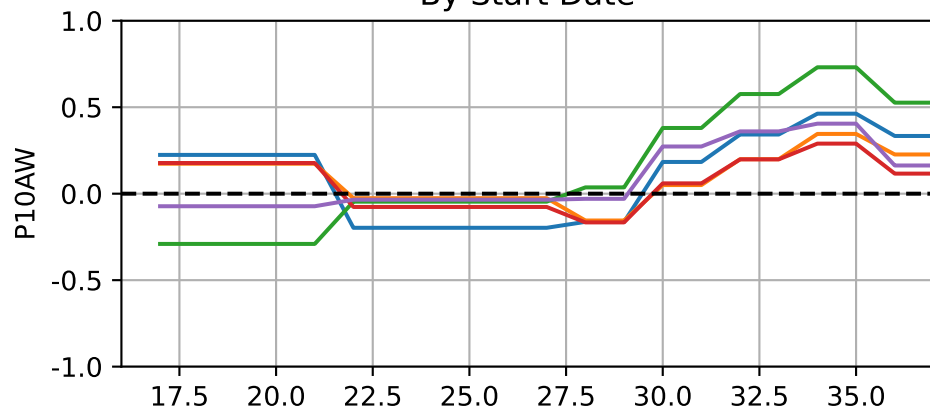


a (Def=3 Set=2.56)
avg1=2.56~2% avg2=na
P10AW StH

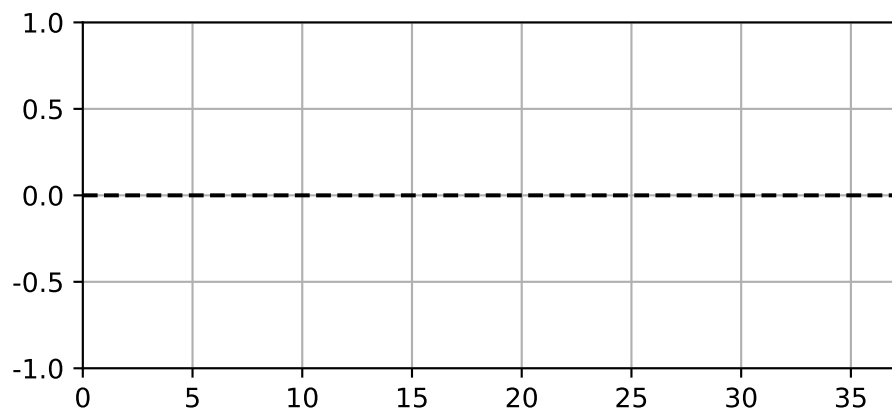
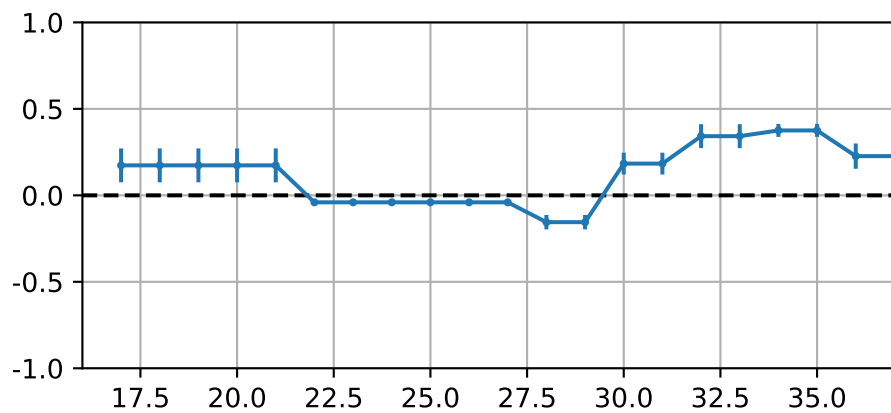
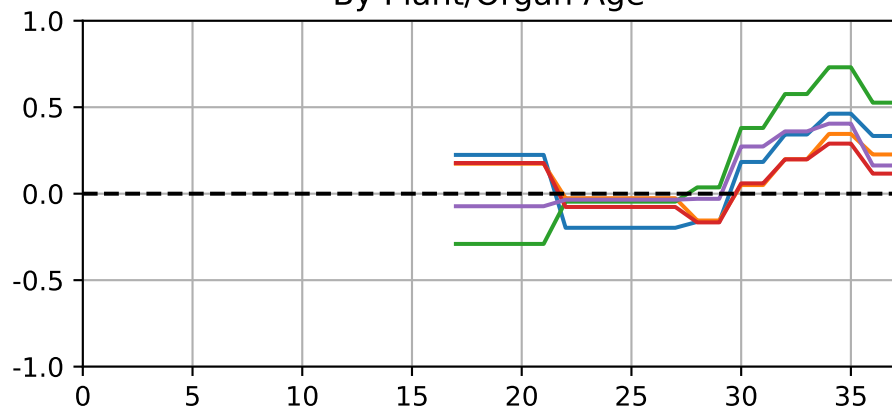


StH

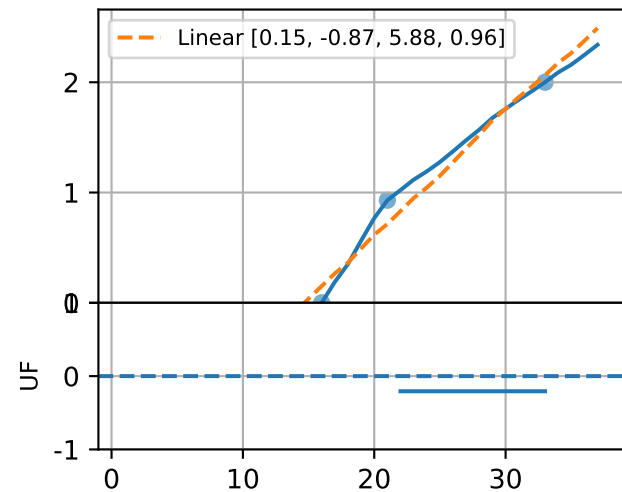
By Start Date



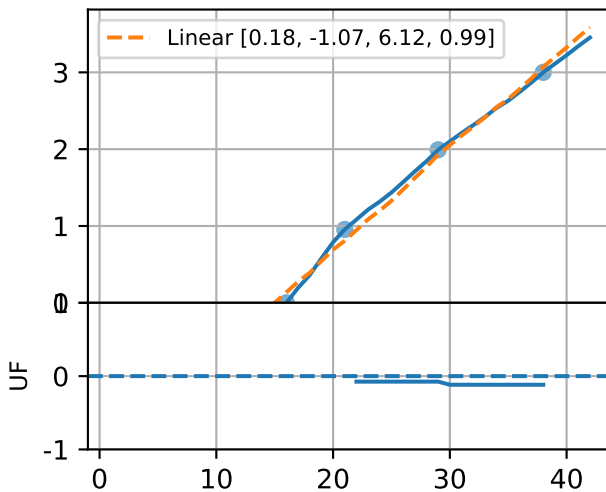
By Plant/Organ Age



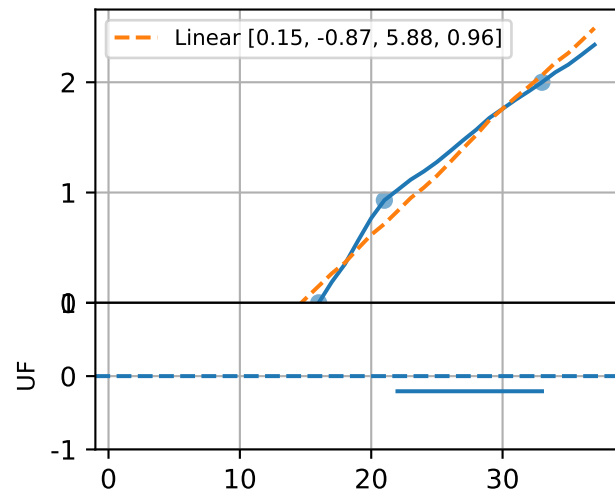
P10AW-003-11



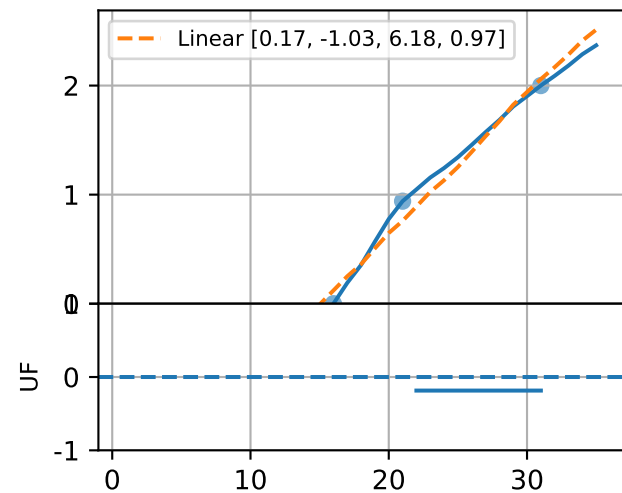
P10AW-016-3



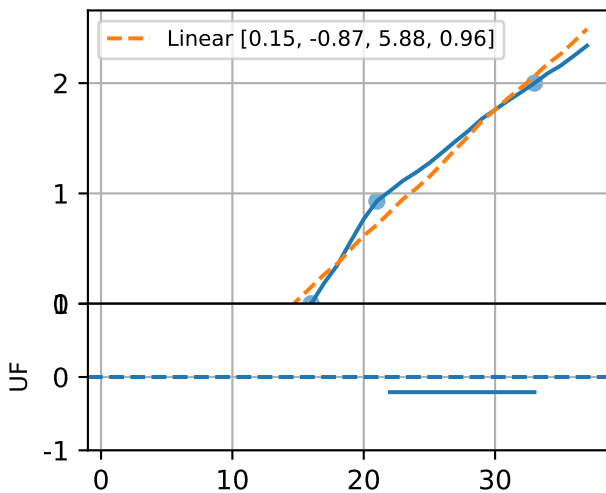
P10AW-029-30



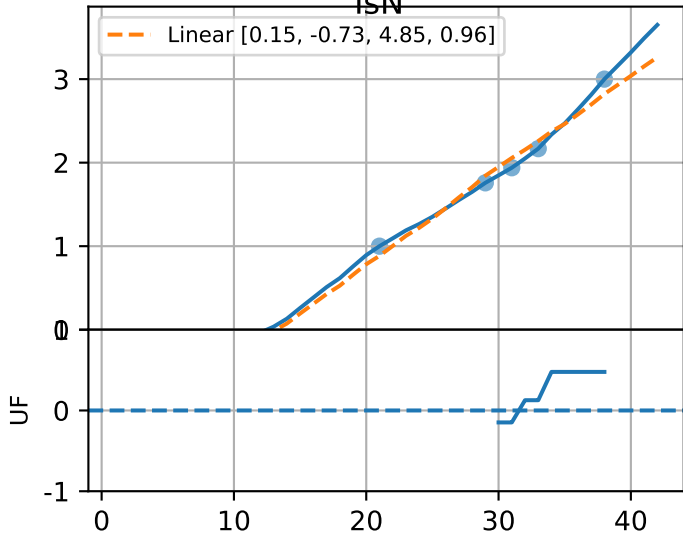
P10AW-041-24

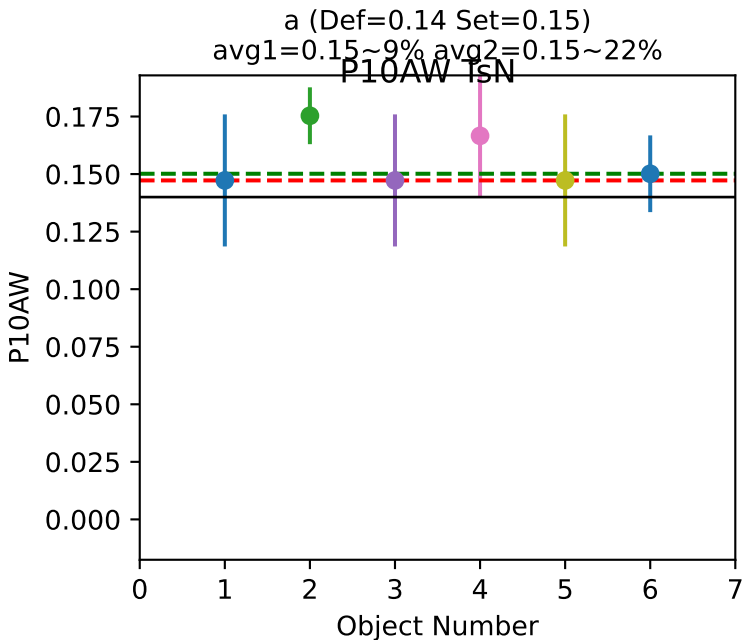


P10AW-054-10



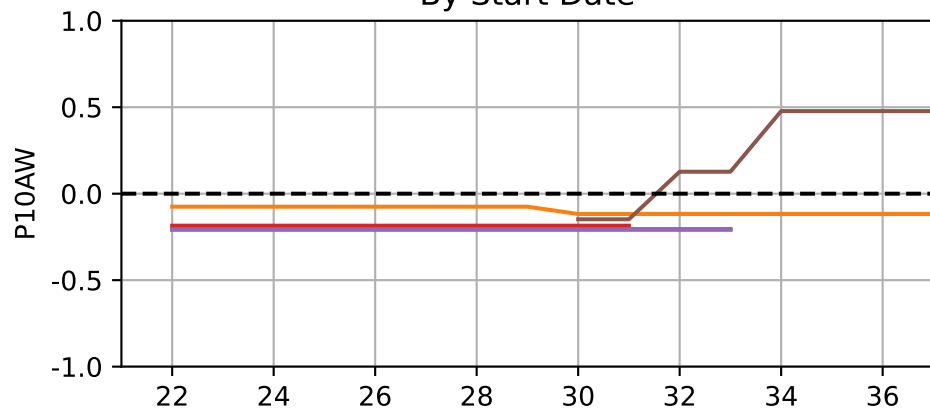
P10AWavg TSN



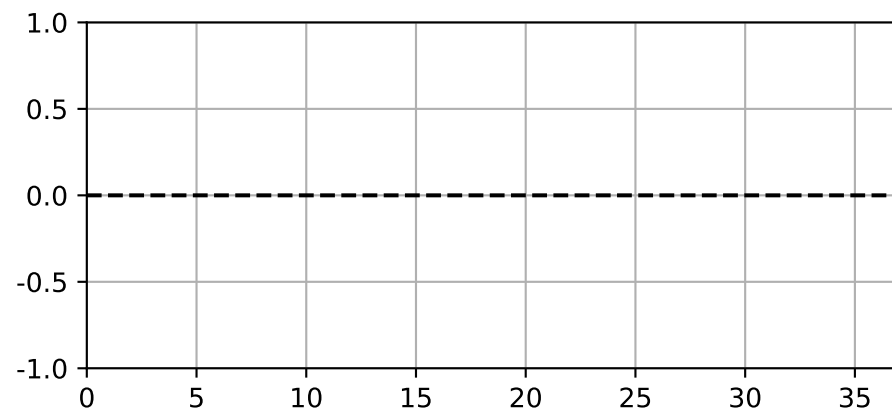
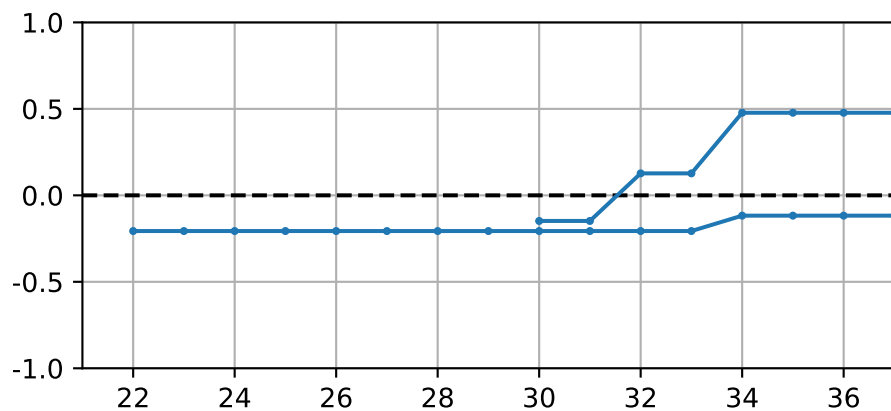
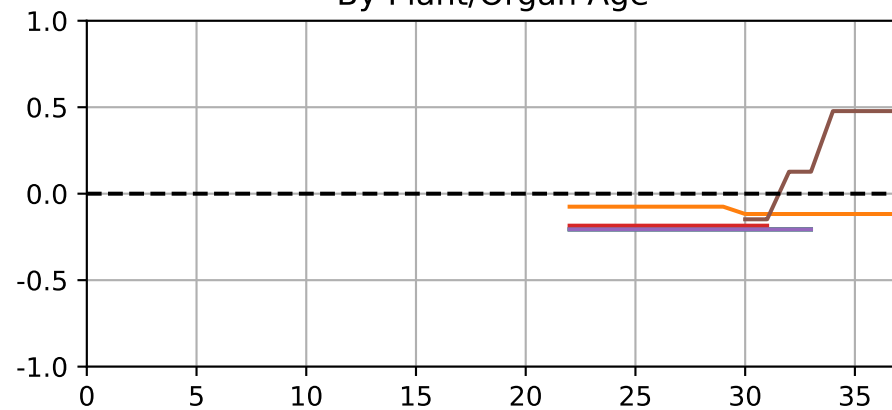


TsN

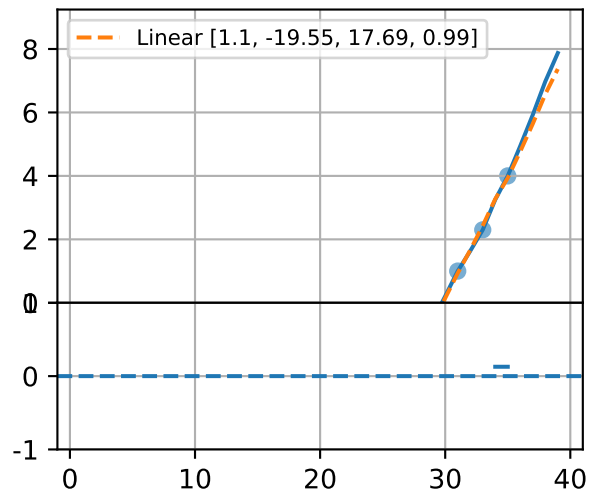
By Start Date



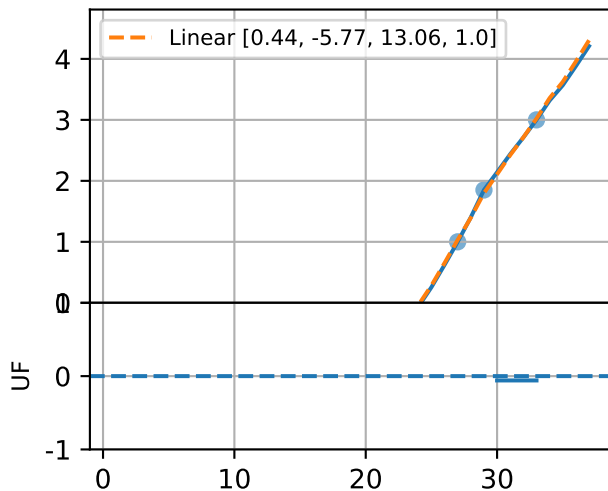
By Plant/Organ Age



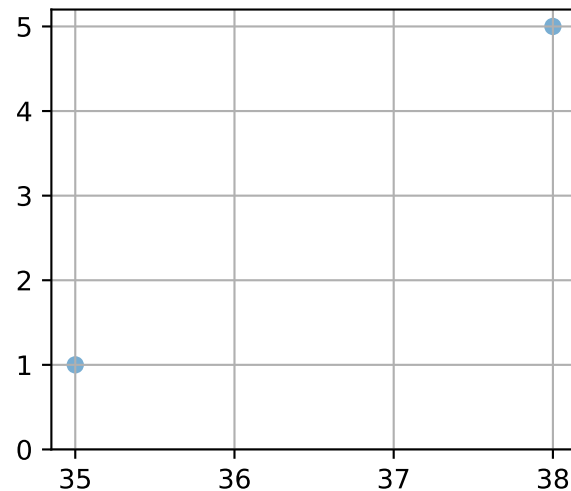
P10AW-003-11T1



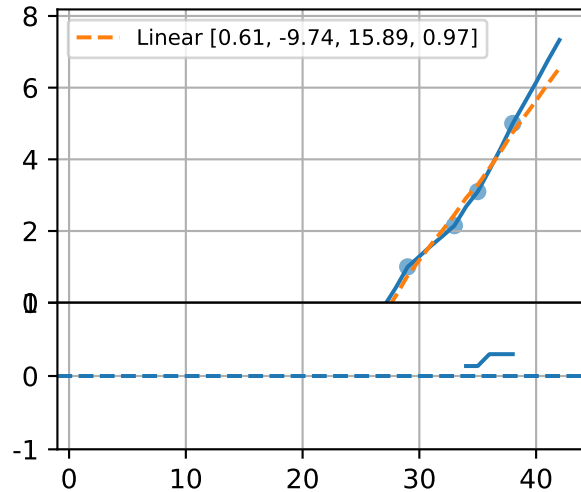
P10AW-016-3T1



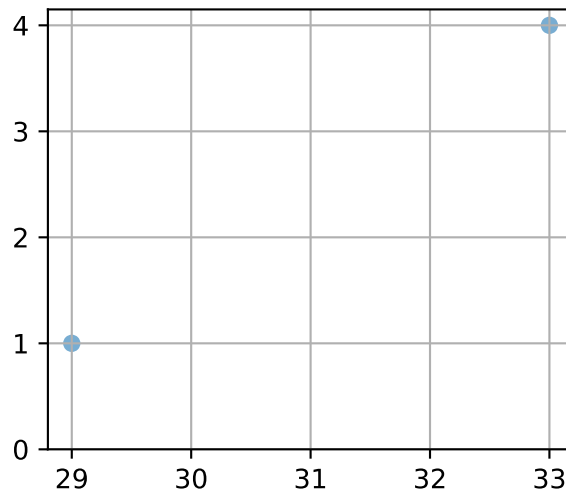
P10AW-016-3T2 (fit failed)



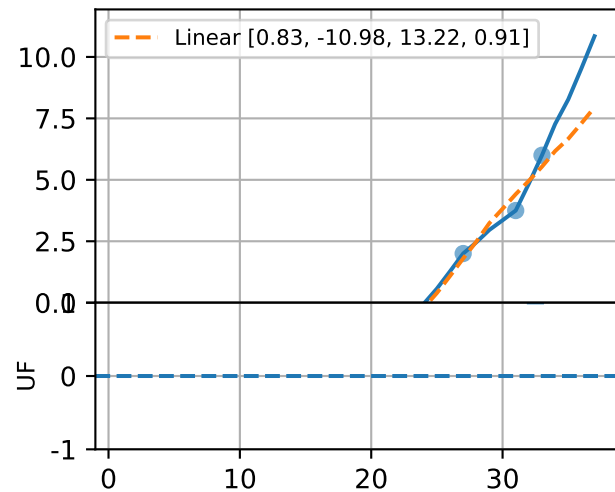
P10AW-029-30T1

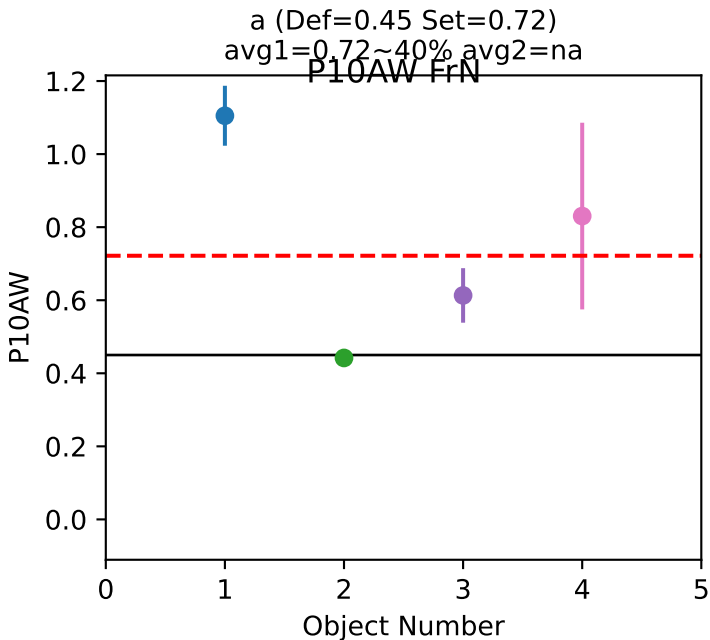


P10AW-041-24T1 (fit failed)



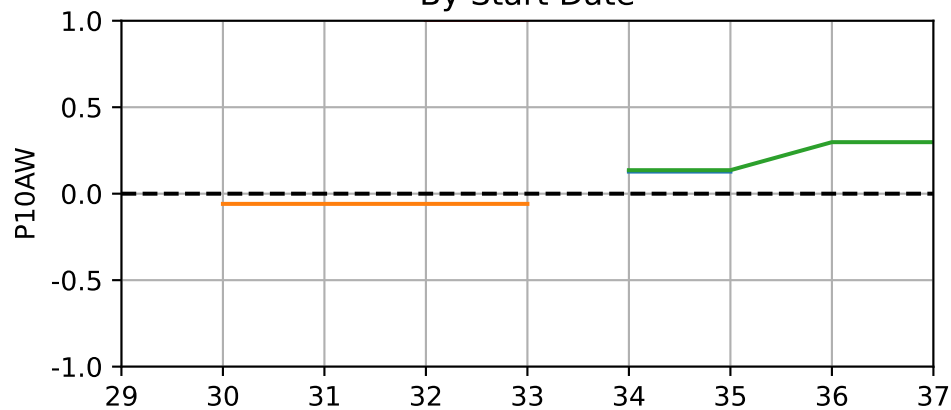
P10AW-054-10T1



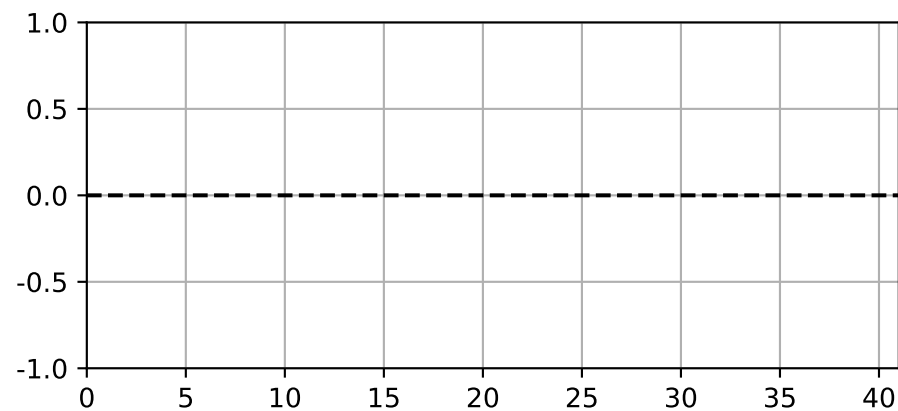
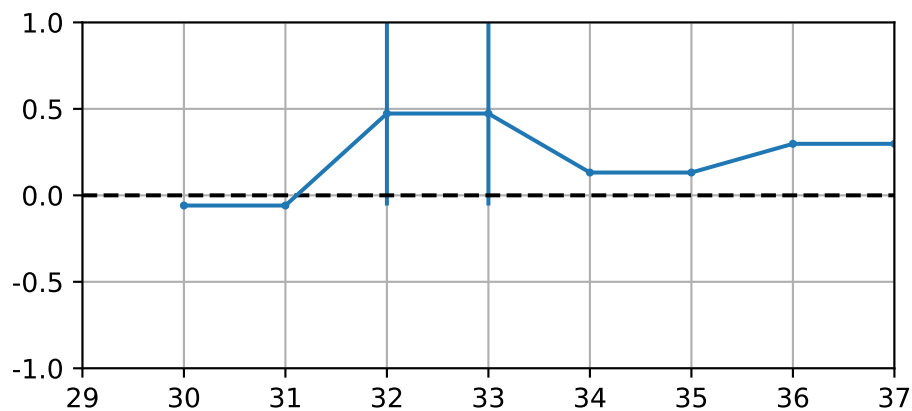
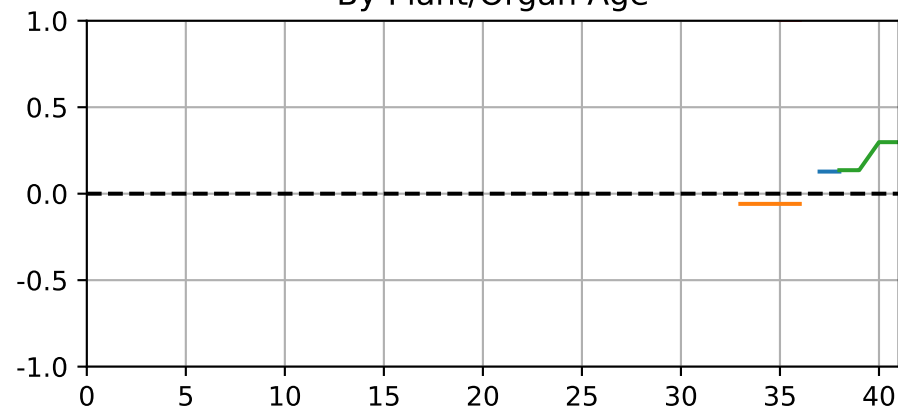


FrN

By Start Date

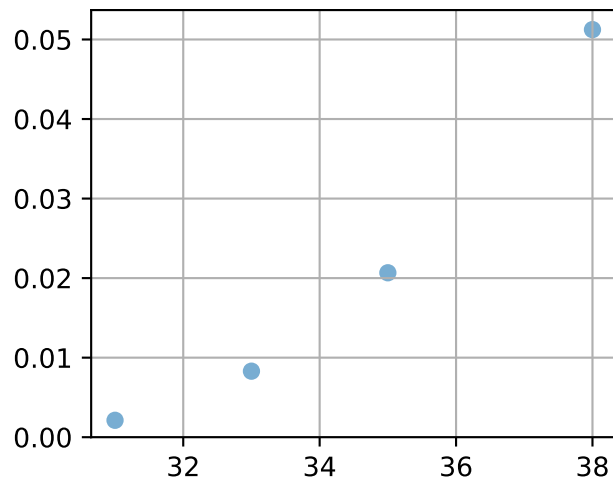


By Plant/Organ Age

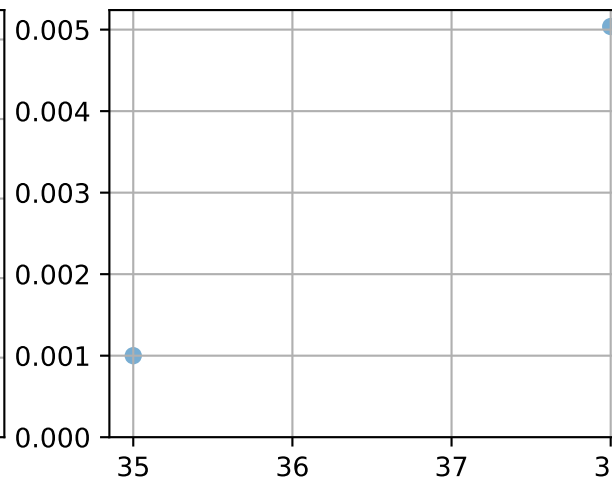


FrV

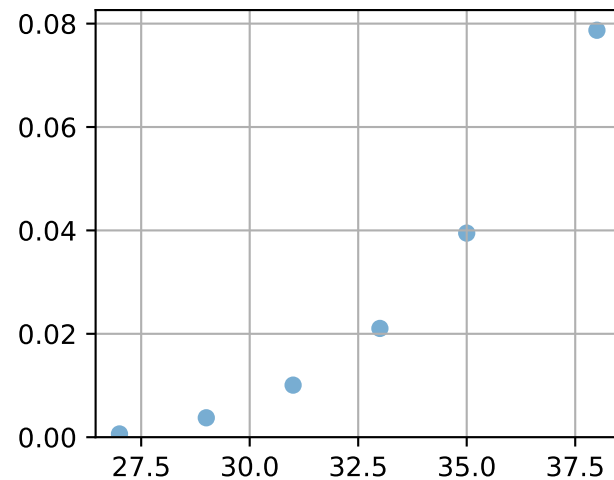
P10AW-003-11T1Fr1 (fit failed)



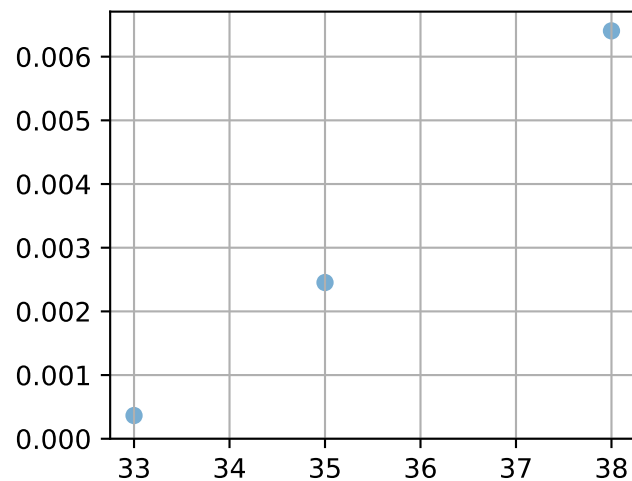
P10AW-003-11T1Fr5 (fit failed)



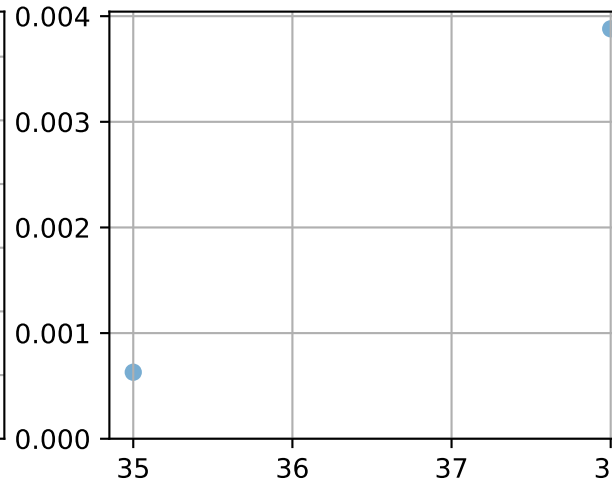
P10AW-016-3T1Fr1 (fit failed)



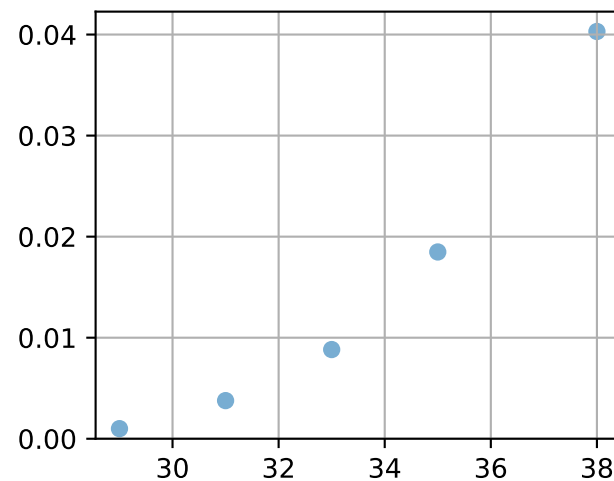
P10AW-016-3T1Fr5 (fit failed)



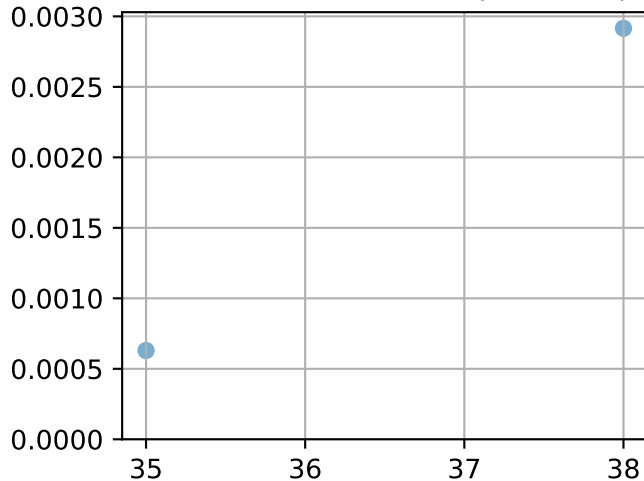
P10AW-016-3T2Fr1 (fit failed)



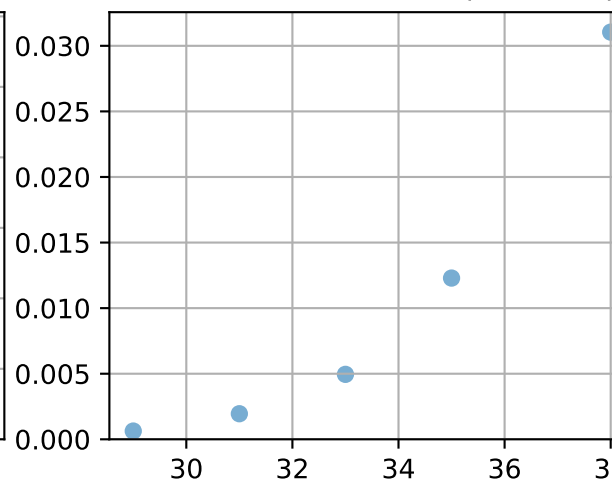
P10AW-029-30T1Fr1 (fit failed)



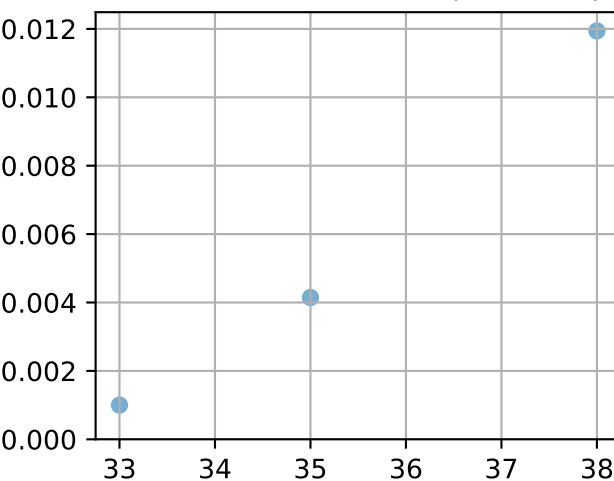
P10AW-029-30T1Fr5 (fit failed)



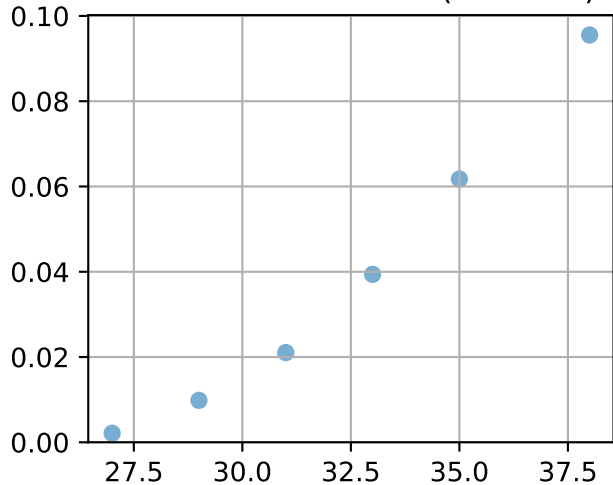
P10AW-041-24T1Fr1 (fit failed)



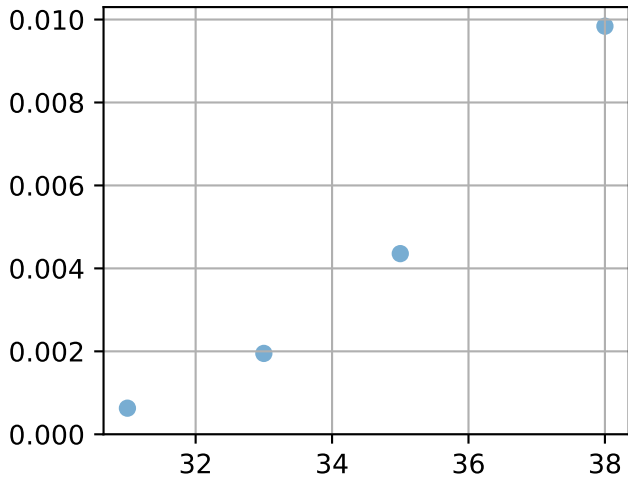
P10AW-041-24T1Fr5 (fit failed)



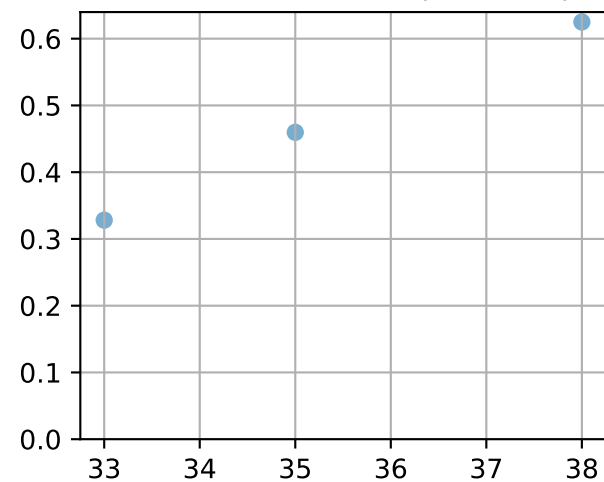
P10AW-054-10T1Fr1 (fit failed)



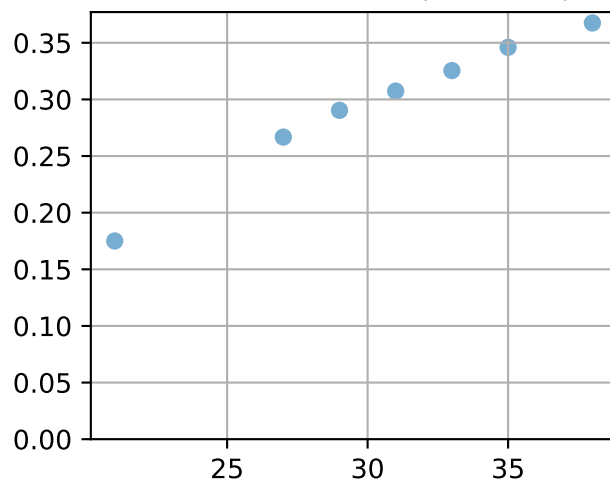
P10AW-054-10T1Fr5 (fit failed)



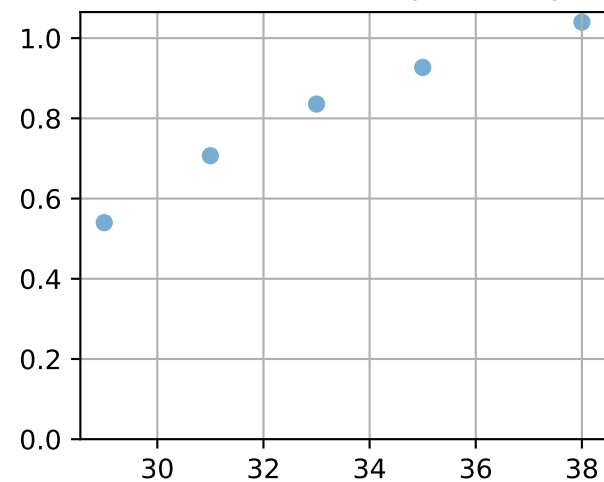
P10AW-003-11L11 (fit failed)



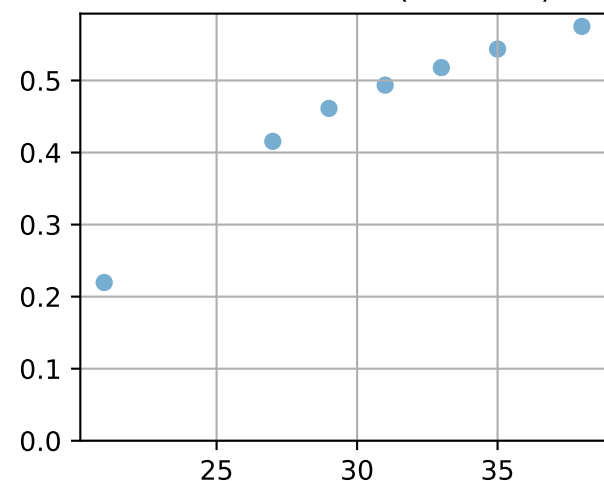
P10AW-003-11L6 (fit failed)



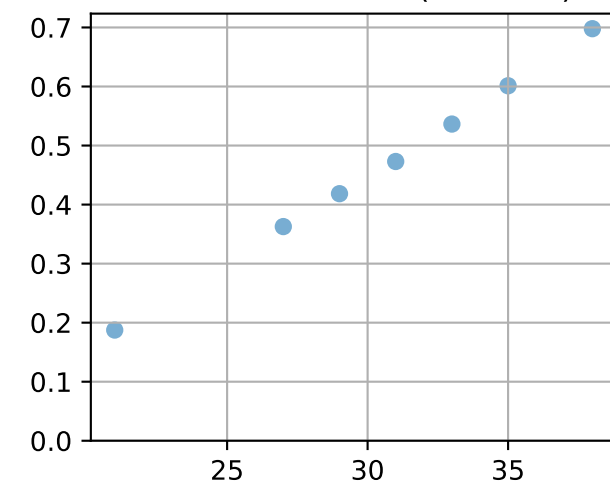
P10AW-016-3L10 (fit failed)



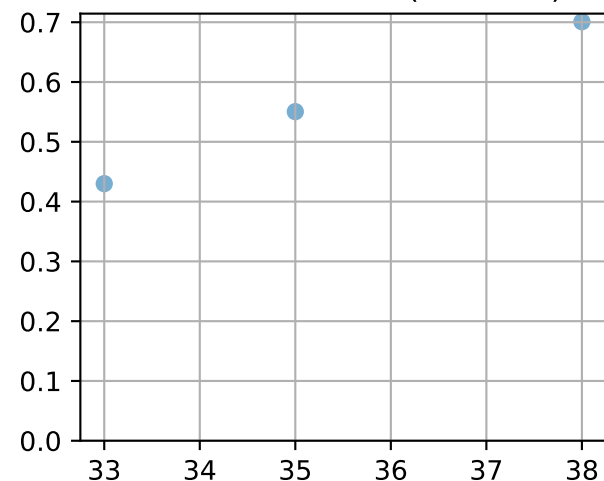
P10AW-016-3L7 (fit failed)



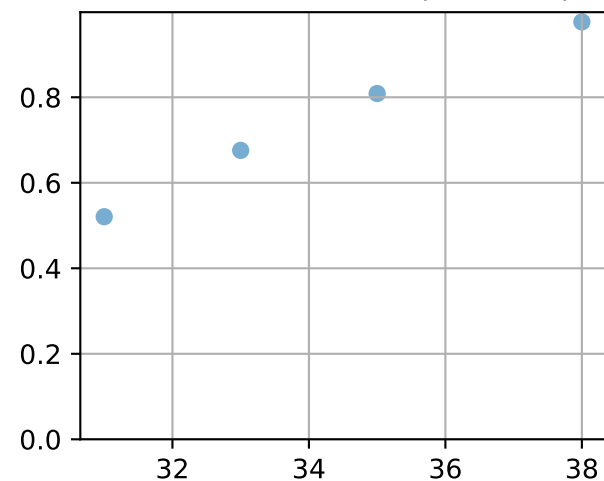
P10AW-029-30L6 (fit failed)



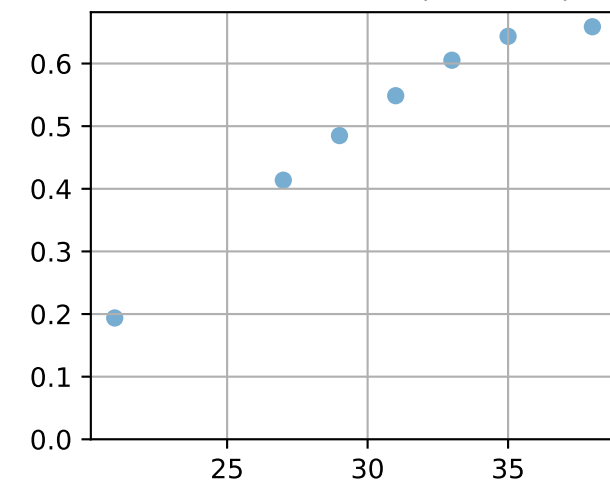
P10AW-029-30L9 (fit failed)



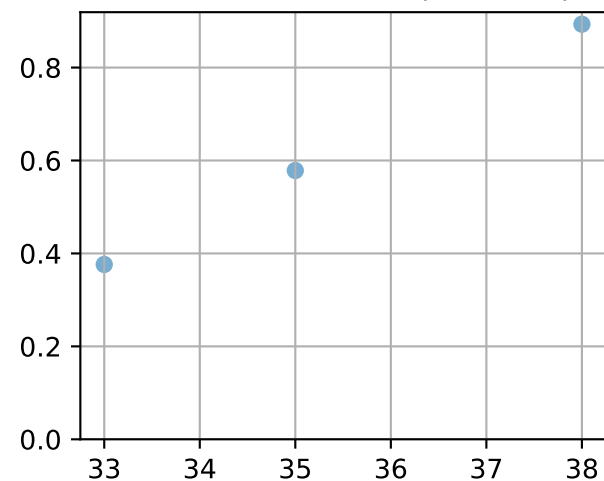
P10AW-041-24L10 (fit failed)



P10AW-041-24L7 (fit failed)

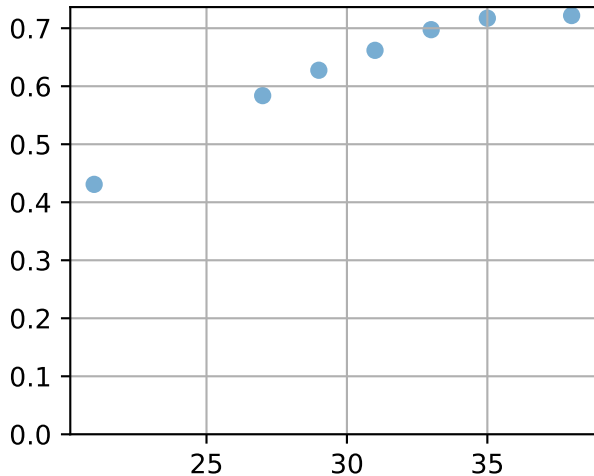


P10AW-054-10L10 (fit failed)

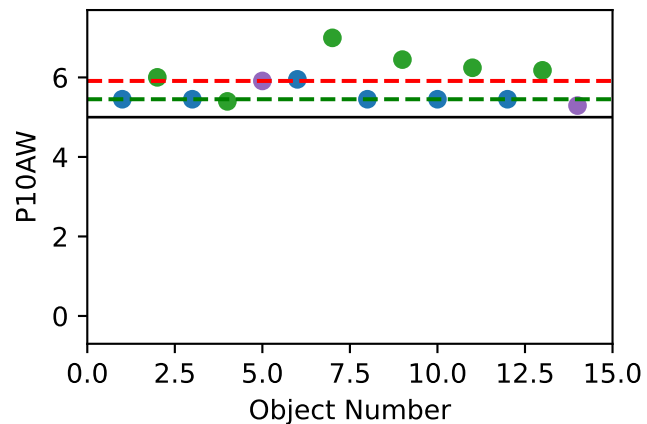


P10AW-054-10L6 (fit failed)

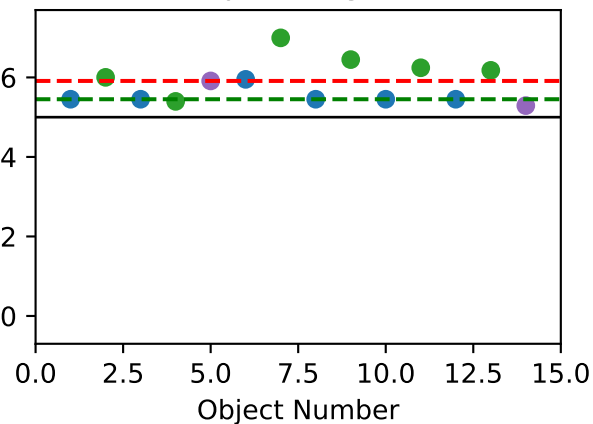
LfA



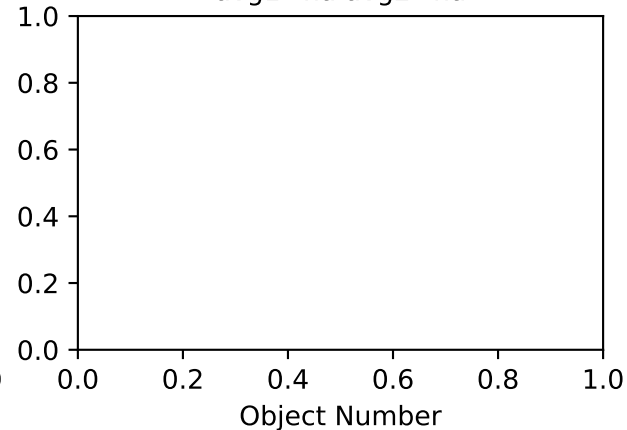
Fl_dm (Def=5 Set=5.91)
avg1=5.91~9% avg2=5.45~9%



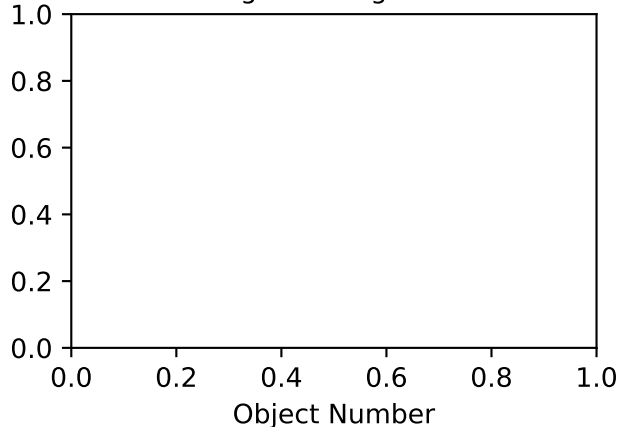
Fl_de (Def=5 Set=5.91)
avg1=5.91~9% avg2=5.45~9%



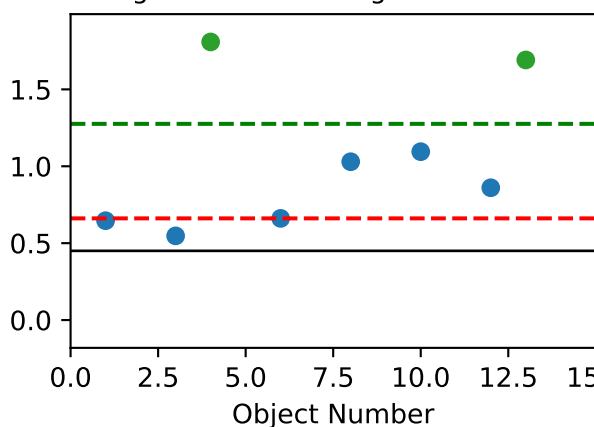
FrV_dm (Def=18 Set=18)
avg1=na avg2=na



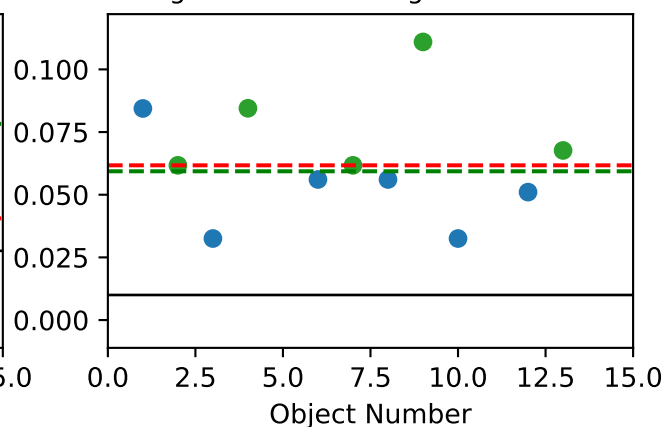
FrV_de (Def=15 Set=15)
avg1=na avg2=na



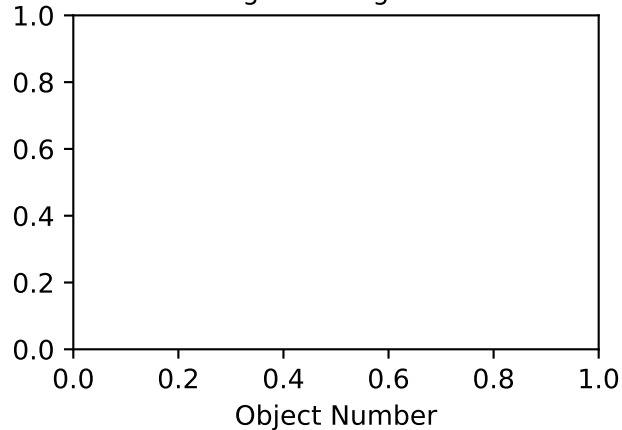
FrN_a (Def=0.45 Set=0.66)
avg1=0.66~38% avg2=1.28~46%



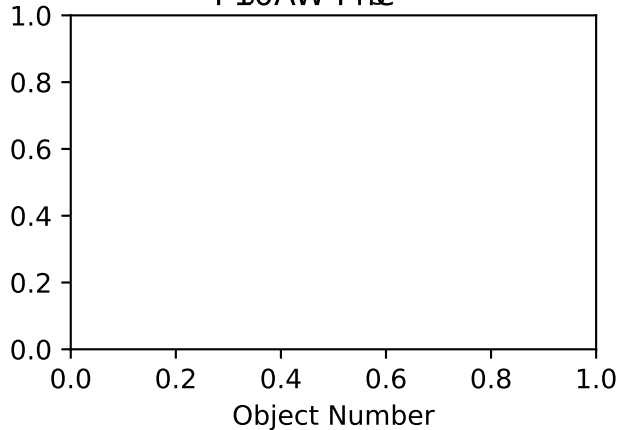
FSDdevStage (Def=0.01 Set=0.06)
avg1=0.06~41% avg2=0.06~20%



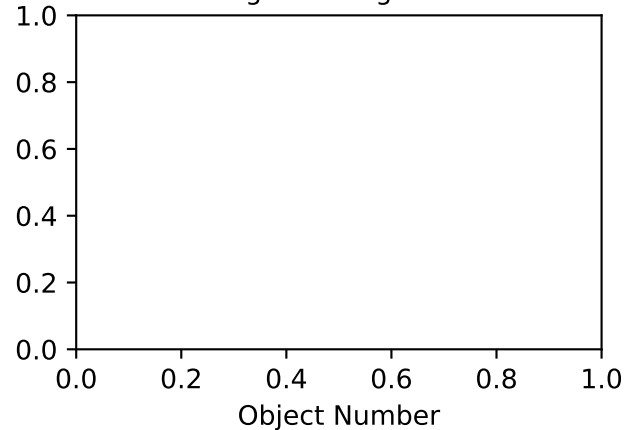
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



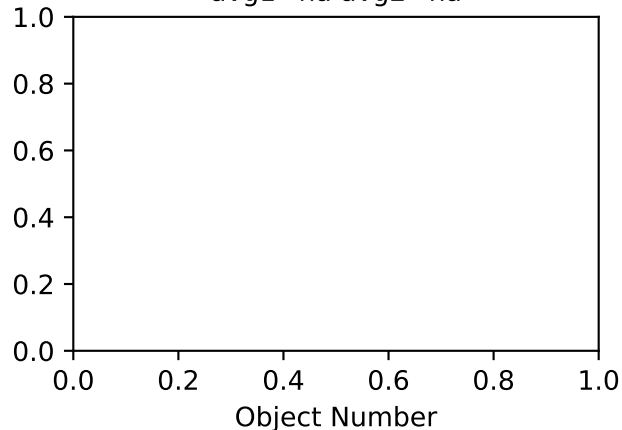
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



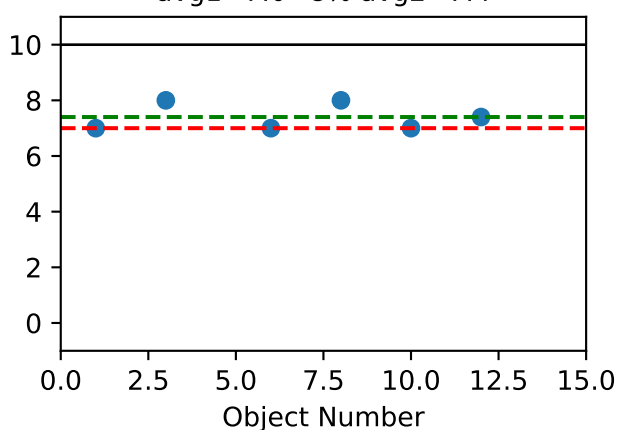
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

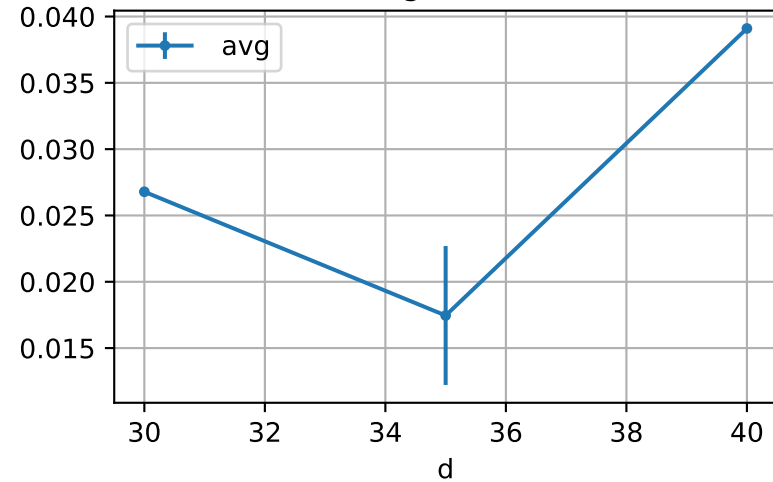


NNgen (Def=10 Set=7)
avg1=7.0~8% avg2=7.4

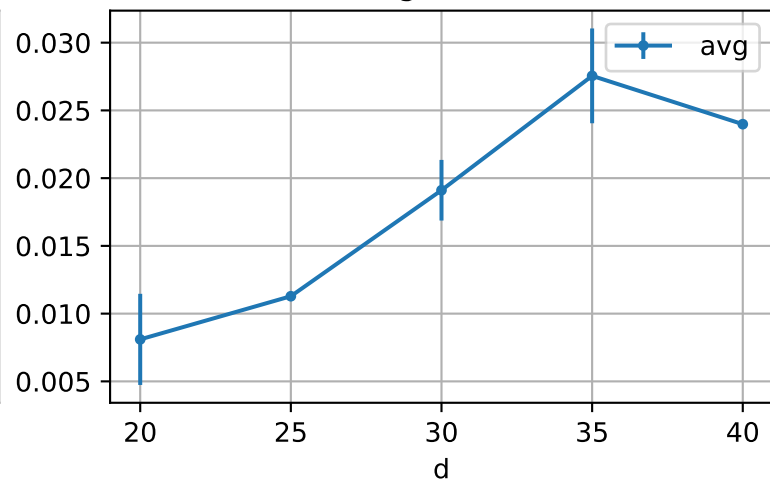


LfA: avg vs. d at each age group

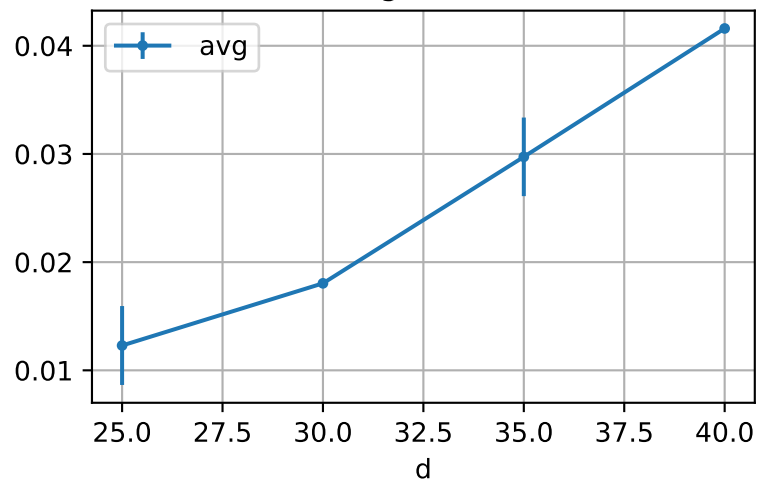
age=20



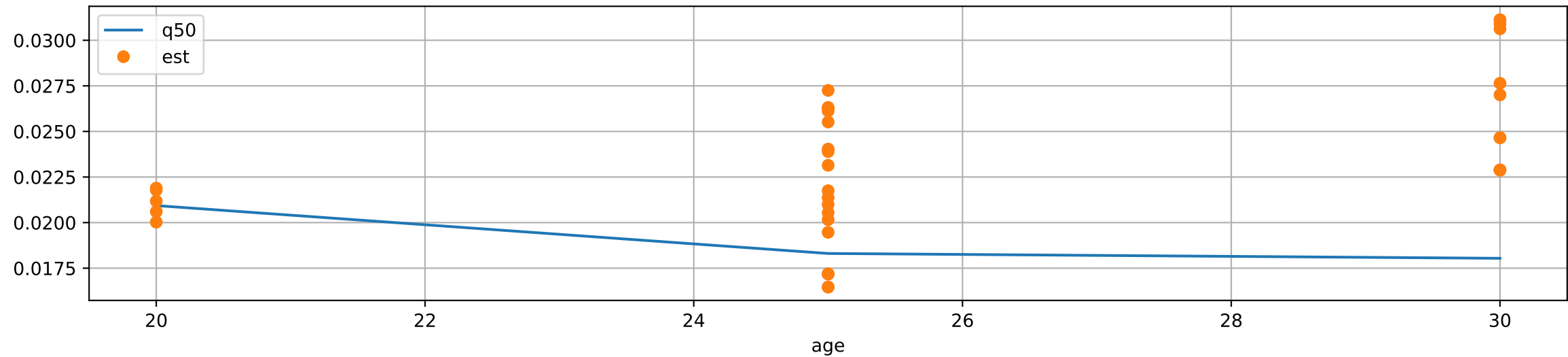
age=25



age=30

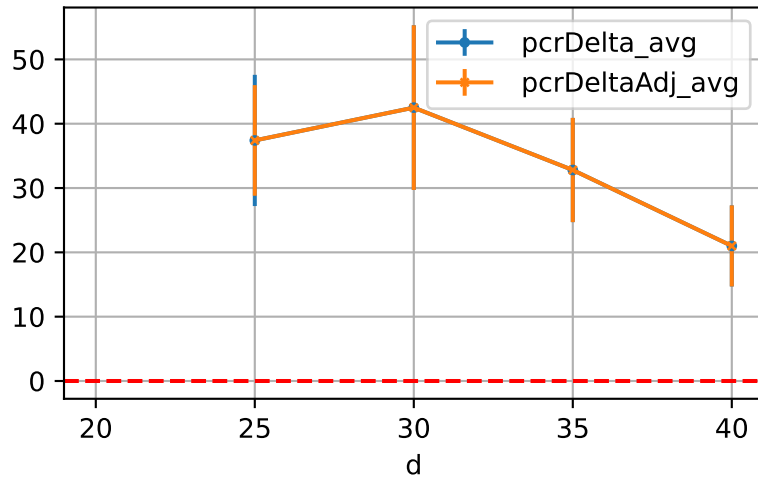


LfA: model est vs obsOv@Q50

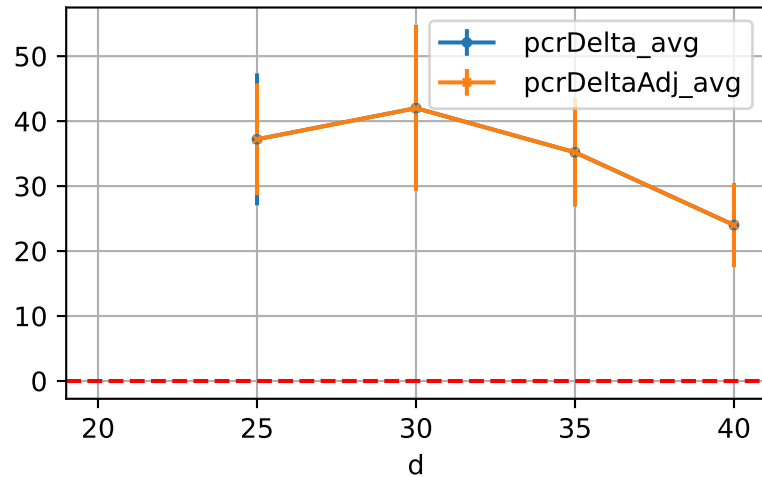


P10AW LfA: D_5d_LfA

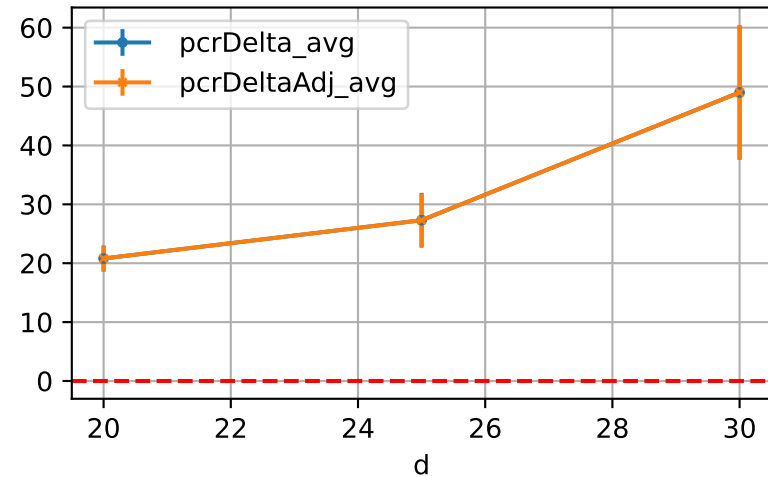
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

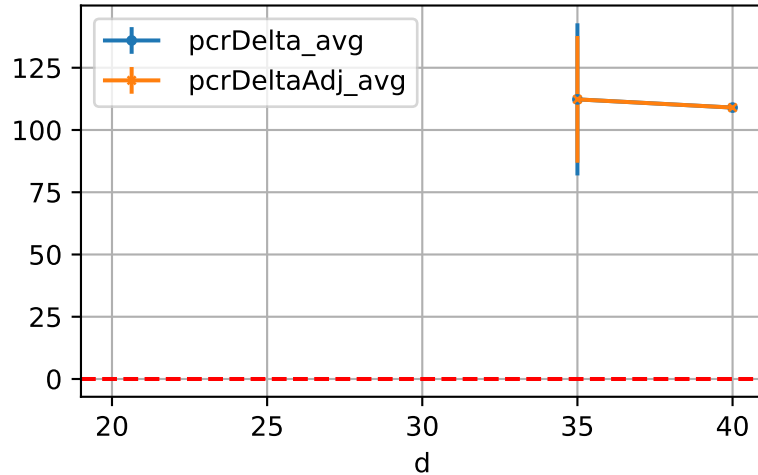


DeltaTypeAbbr=GrpByAge

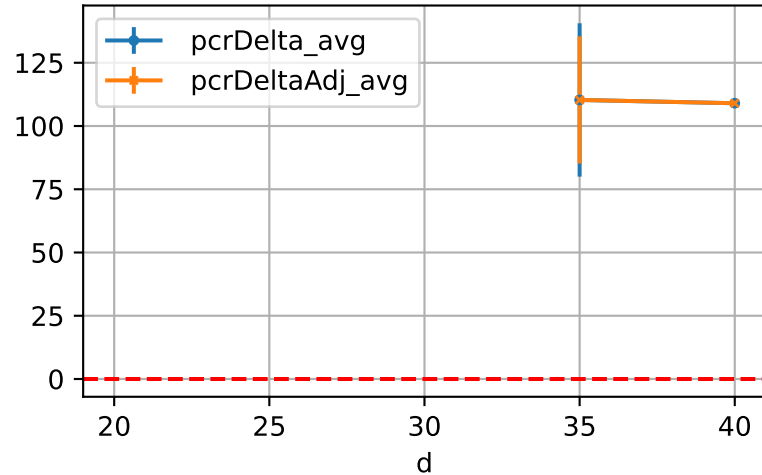


P10AW LfA: D_15d_LfA

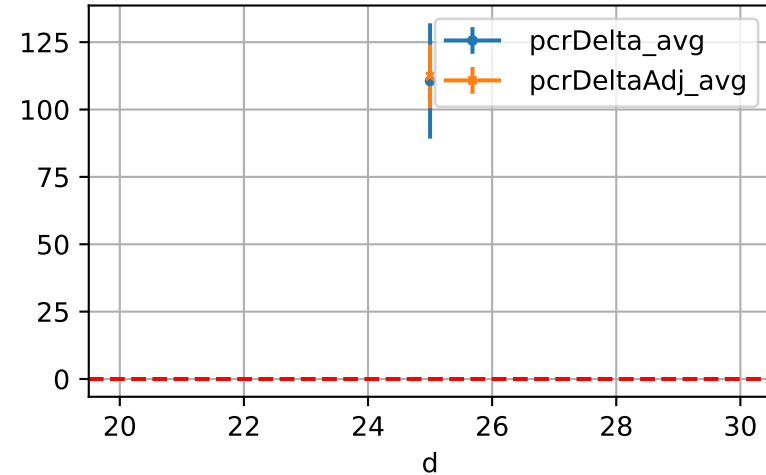
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

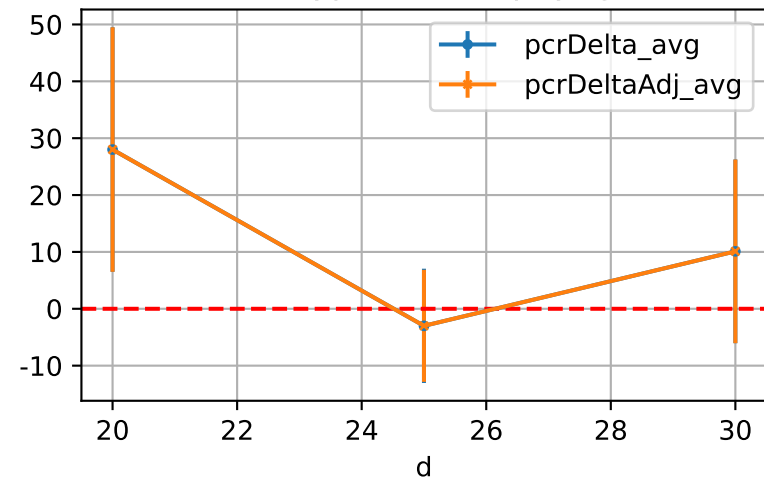


DeltaTypeAbbr=GrpByAge

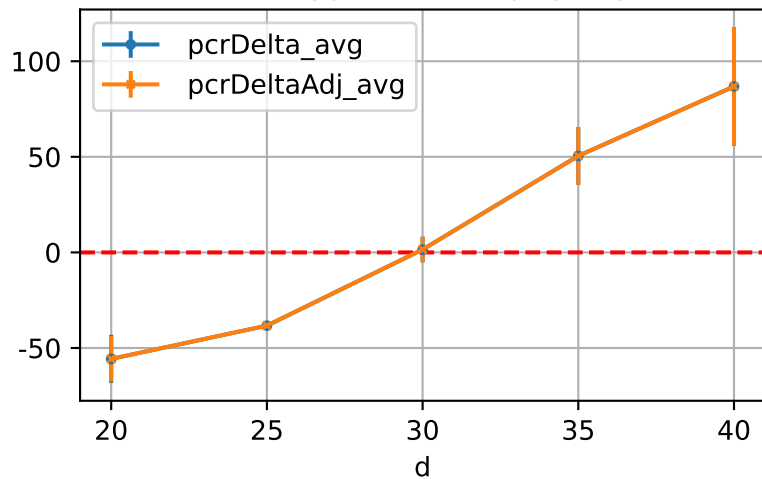


P10AW LfA: D_Q50_LfA

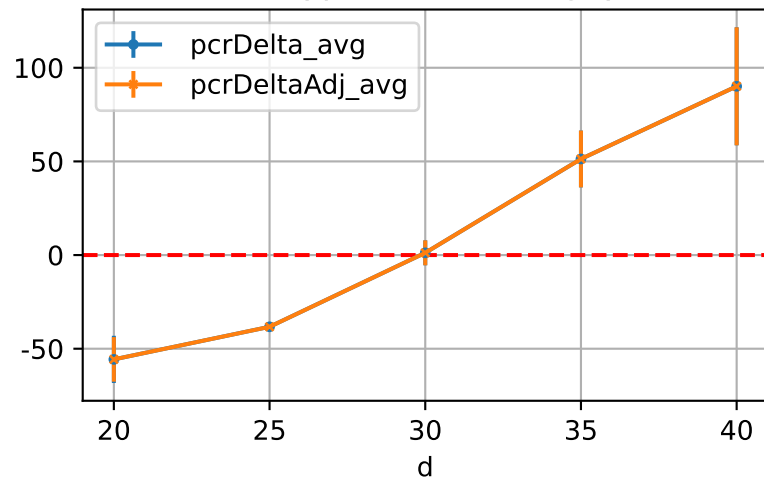
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

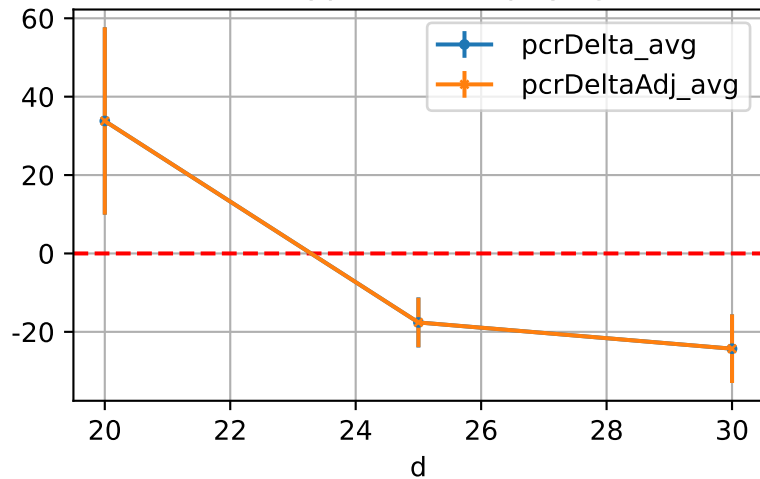


DeltaTypeAbbr=WeiAvgByD

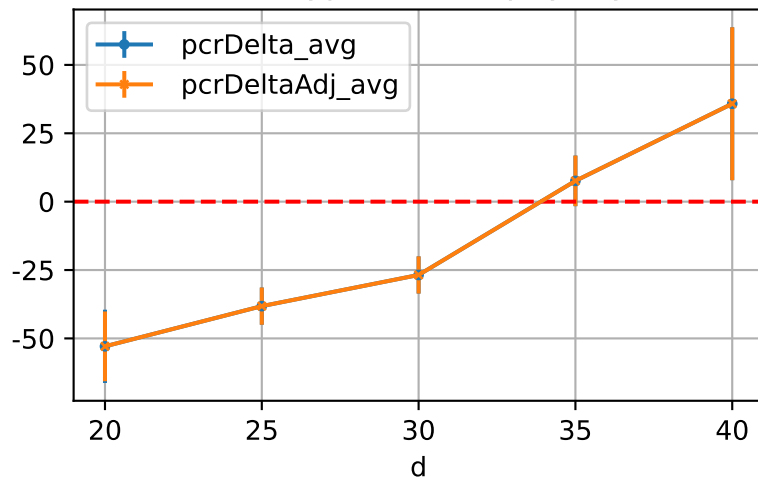


P10AW LfA: D_Est_LfA

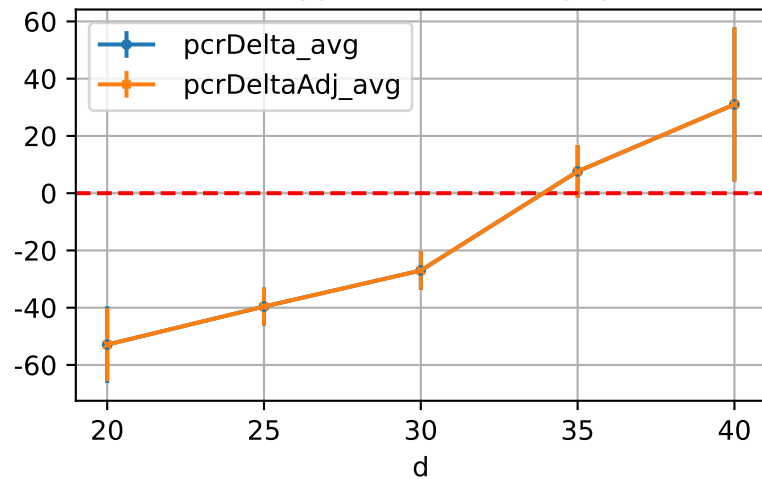
DeltaTypeAbbr=GrpByAge



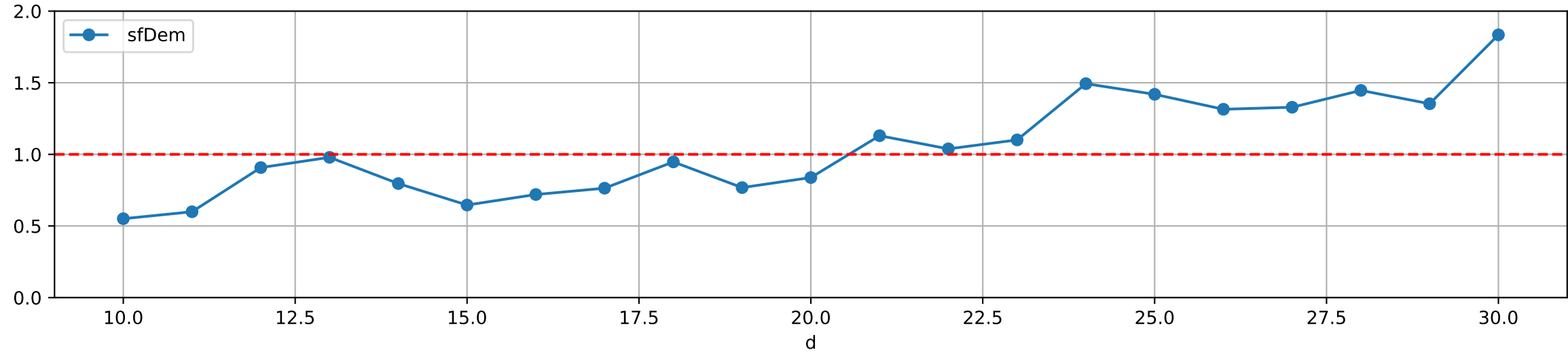
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD



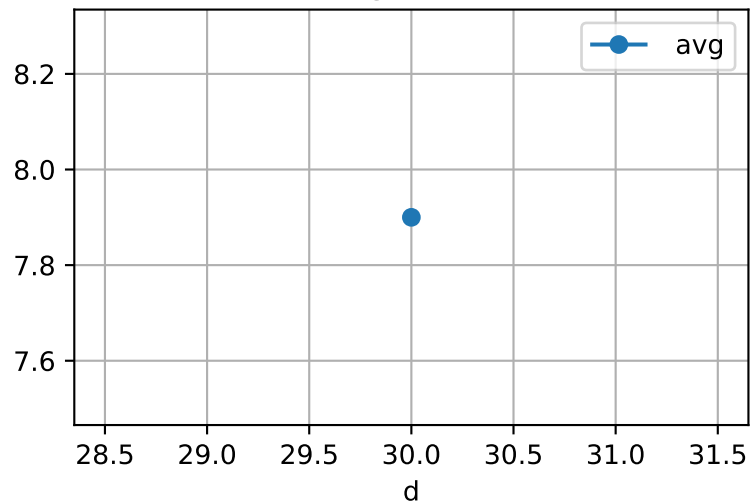
LfA: sfDem



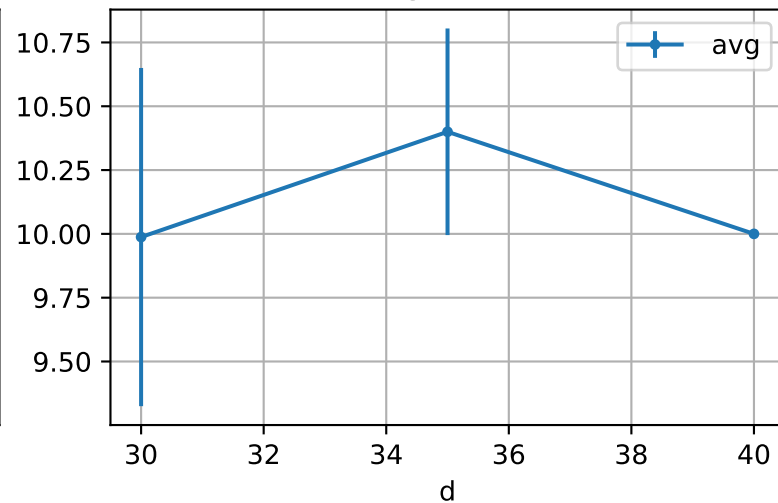


NdD: avg vs. d at each age group

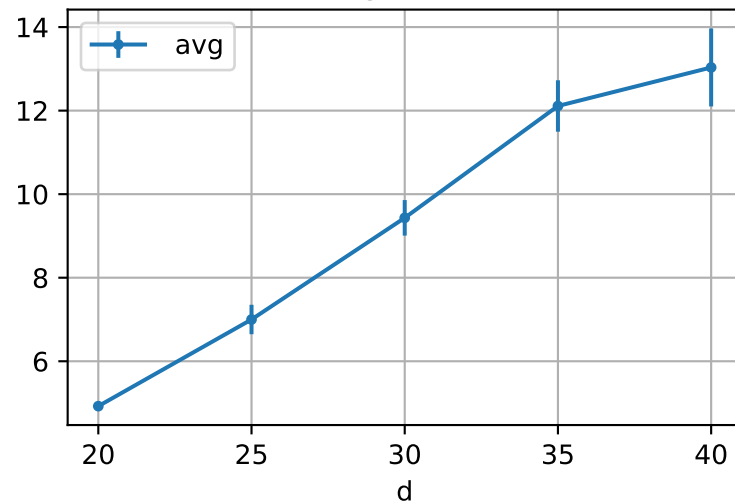
age=15



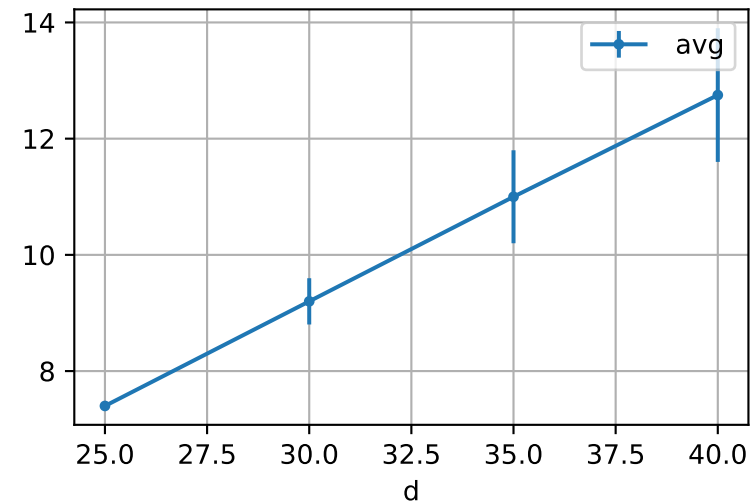
age=20



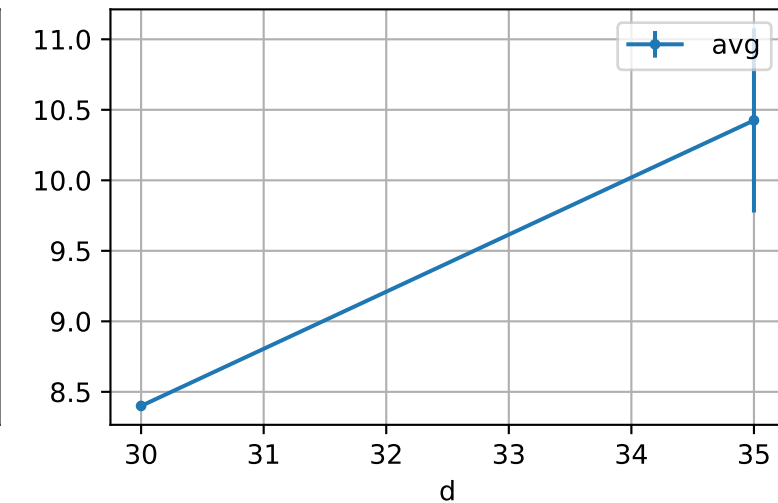
age=25



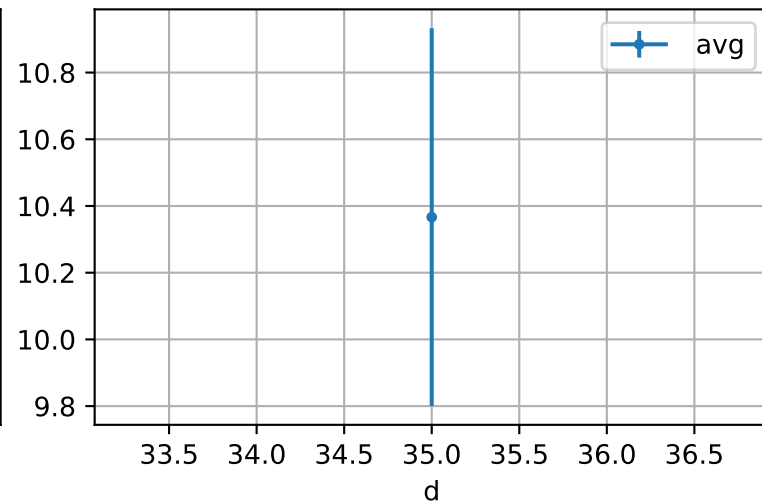
age=30



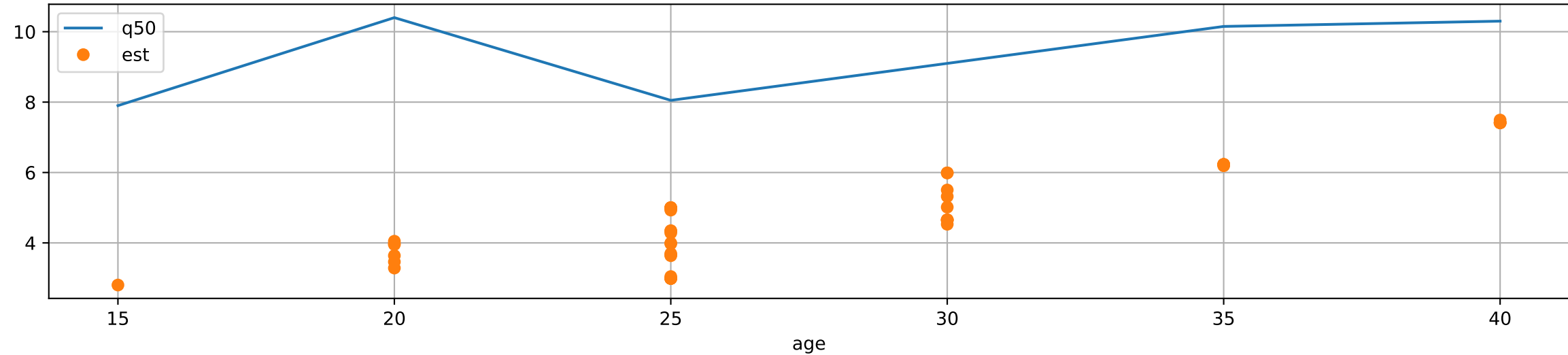
age=35



age=40

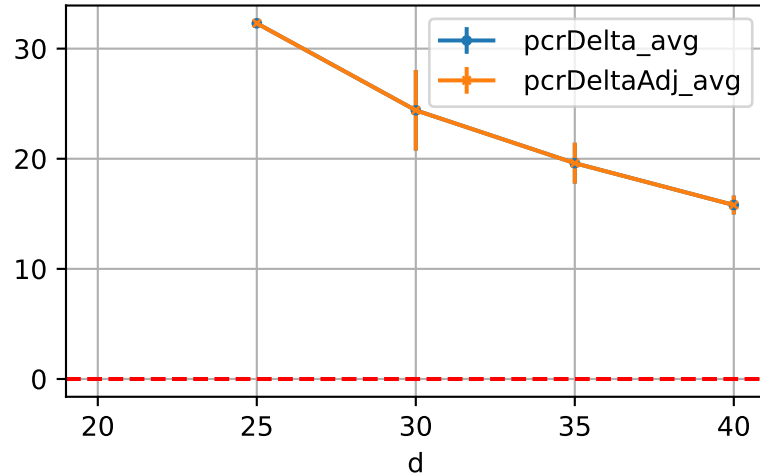


NdD: model est vs obsOv@Q50

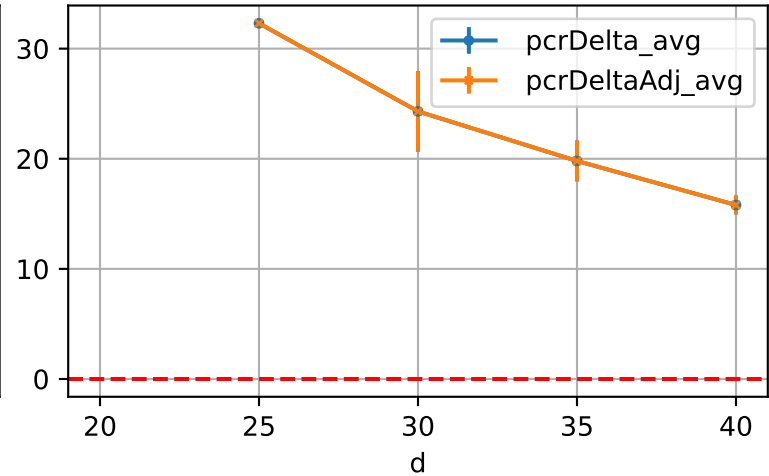


P10AW NdD: D_5d_NdD

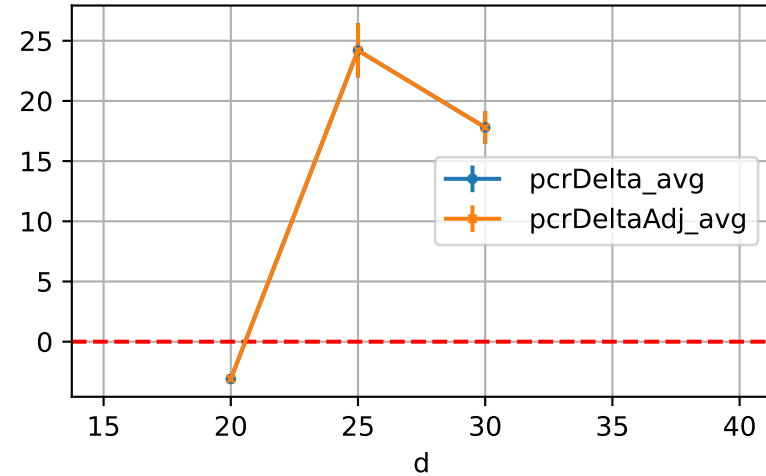
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

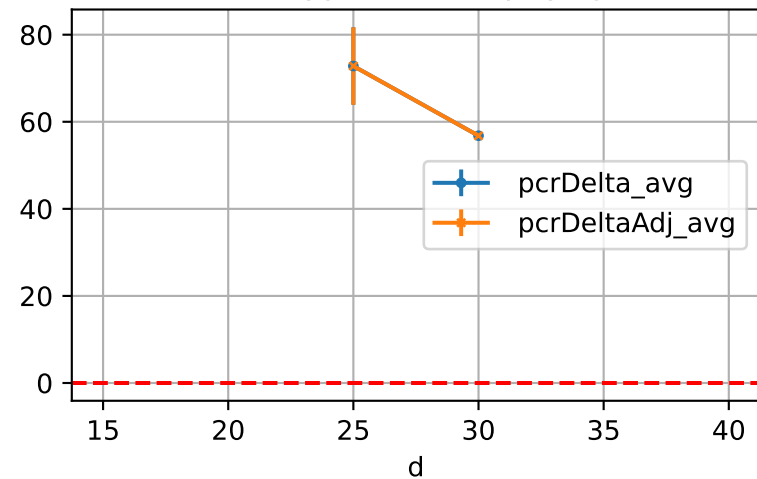


DeltaTypeAbbr=GrpByAge

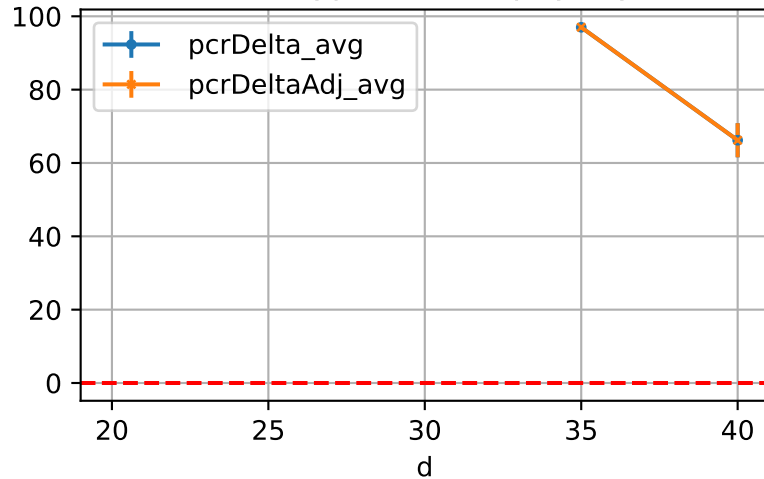


P10AW NdD: D_15d_NdD

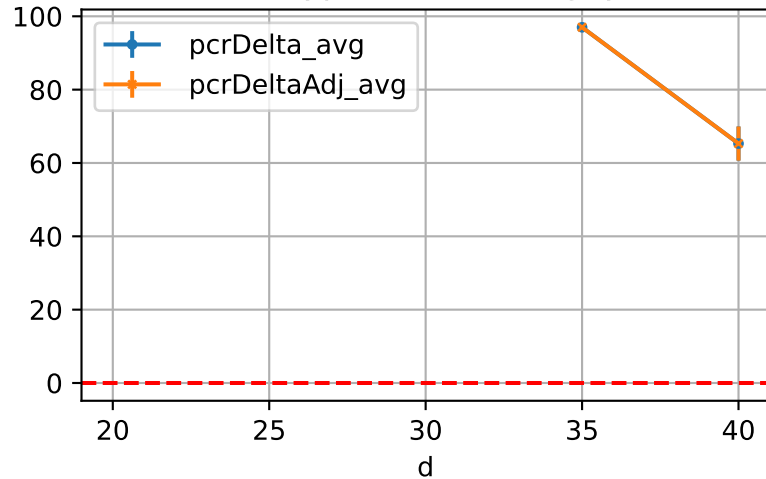
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

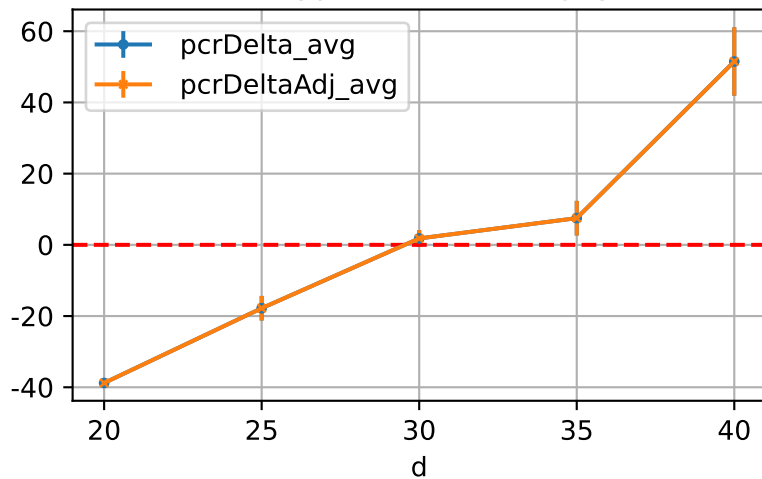
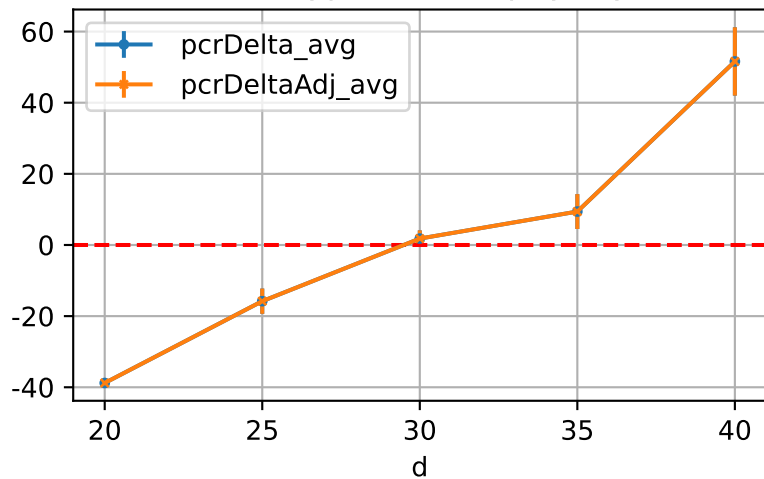
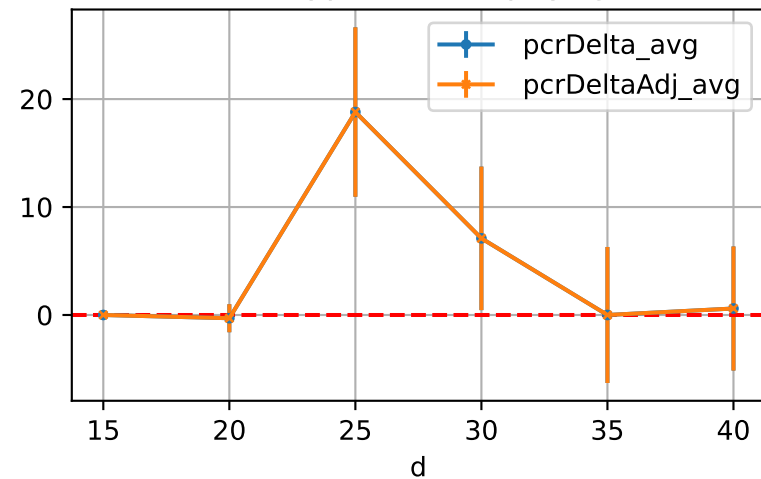


P10AW NdD: D_Q50_NdD

DeltaTypeAbbr=GrpByAge

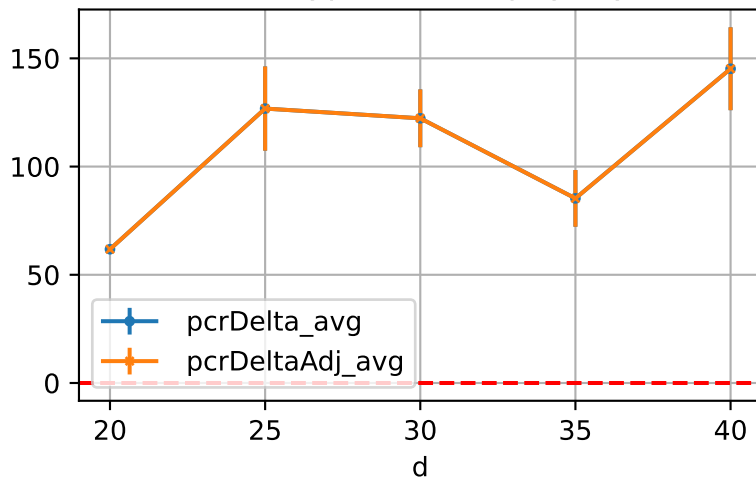
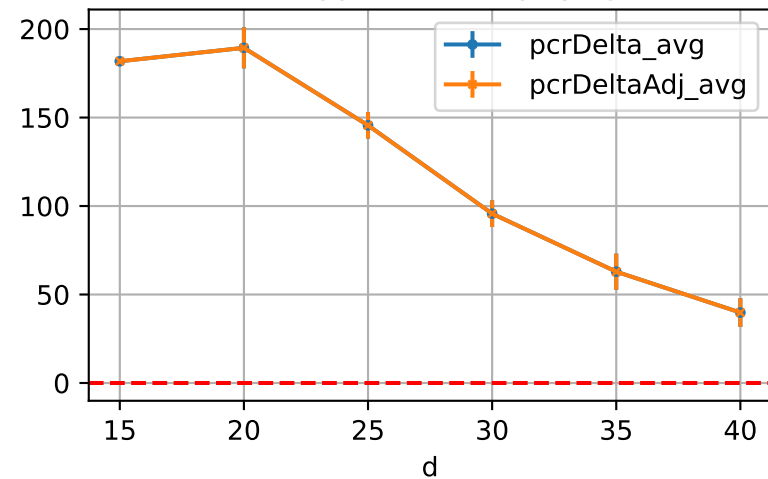
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

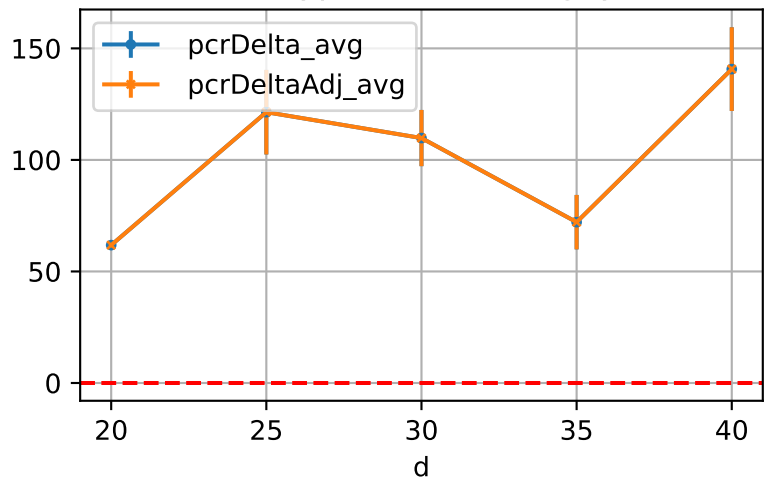


P10AW NdD: D_Est_NdD

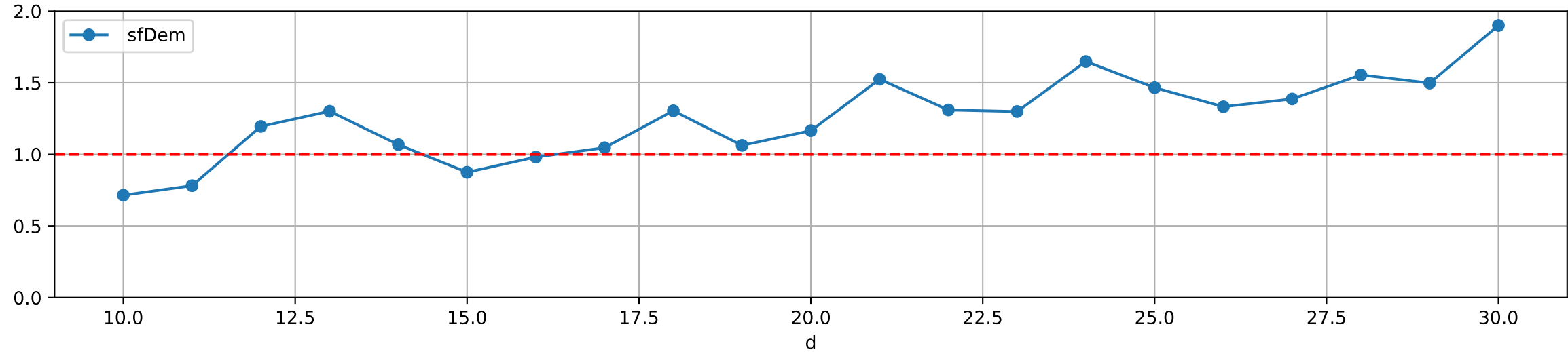
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

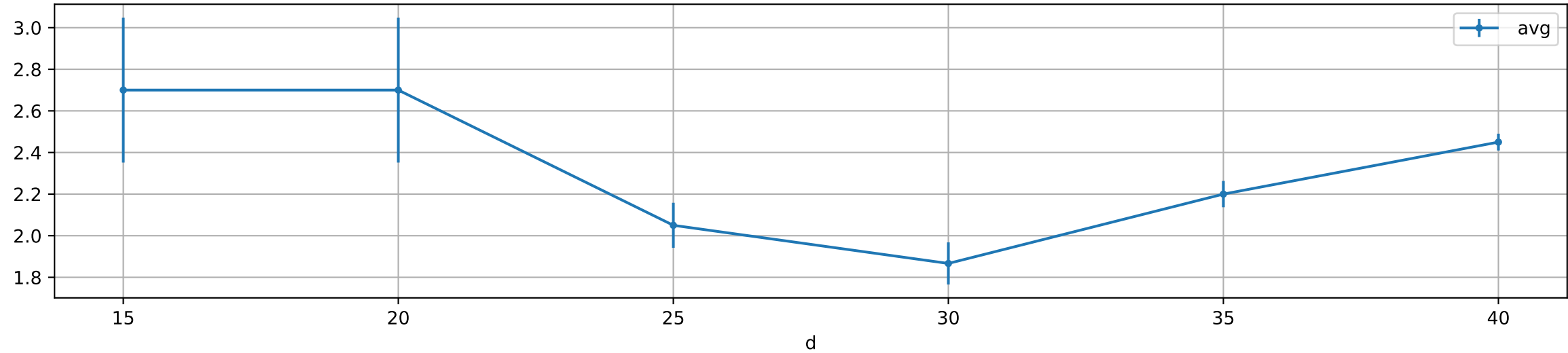


NdD: sfDem

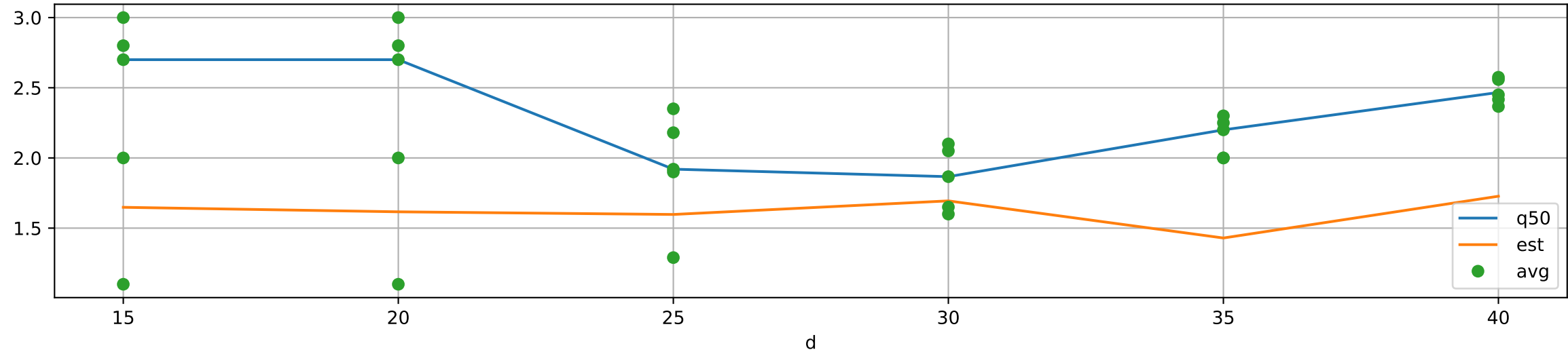




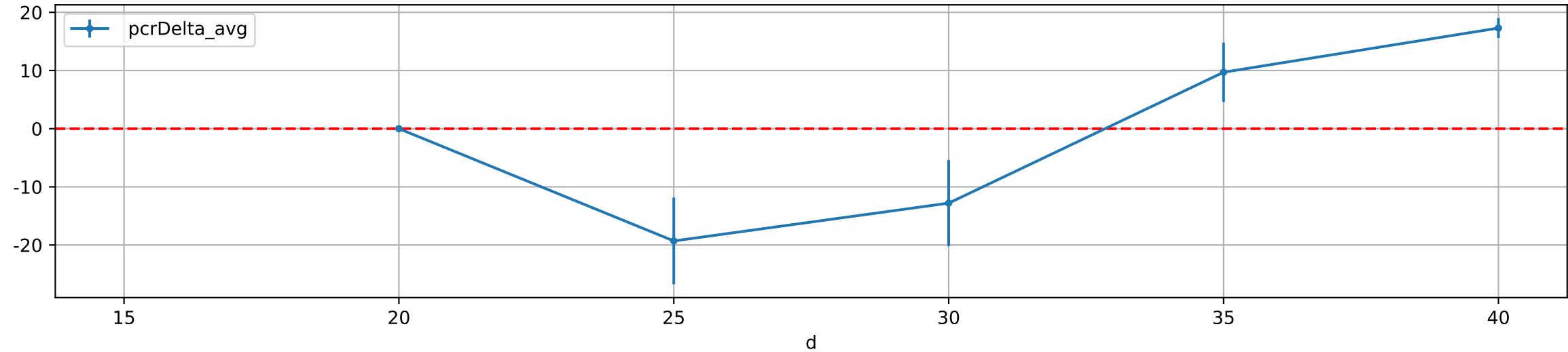
dStH: avg vs. d



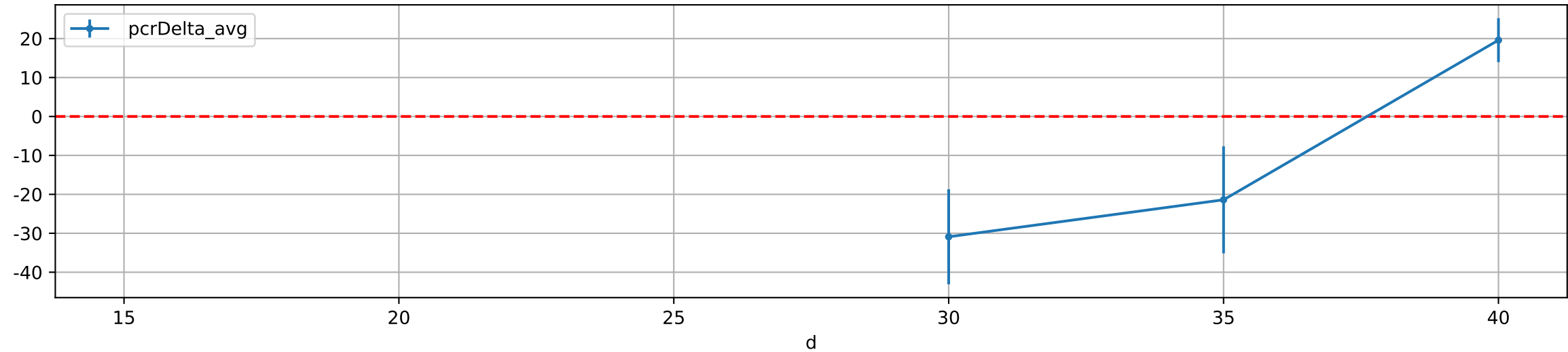
dStH: obsAvg vs obsOv@Q50



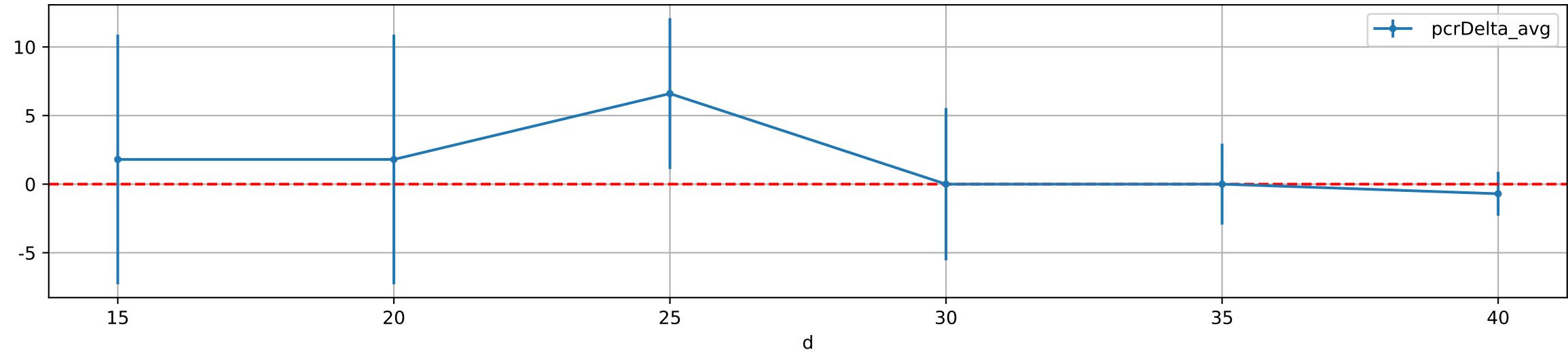
dStH: D_5d_StH



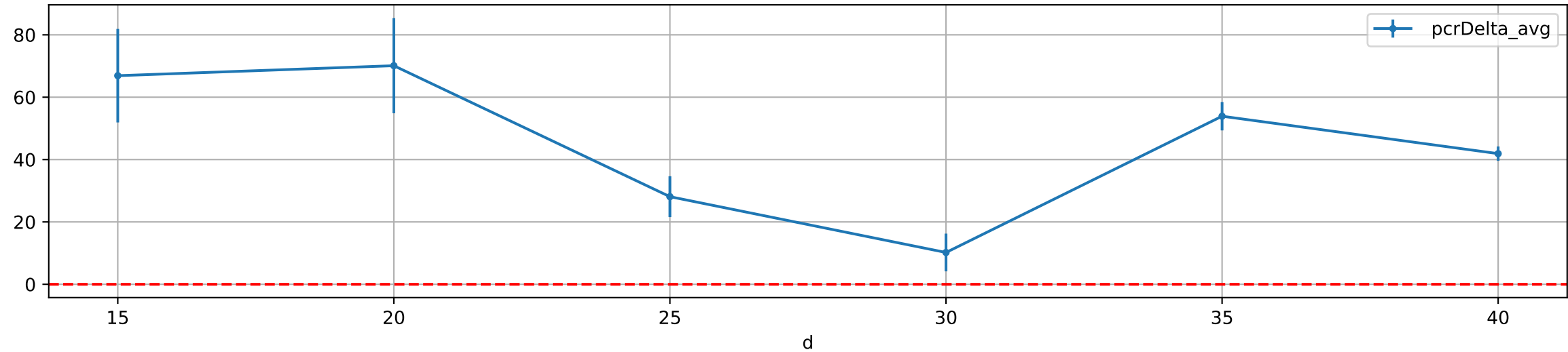
dStH: D_15d_StH



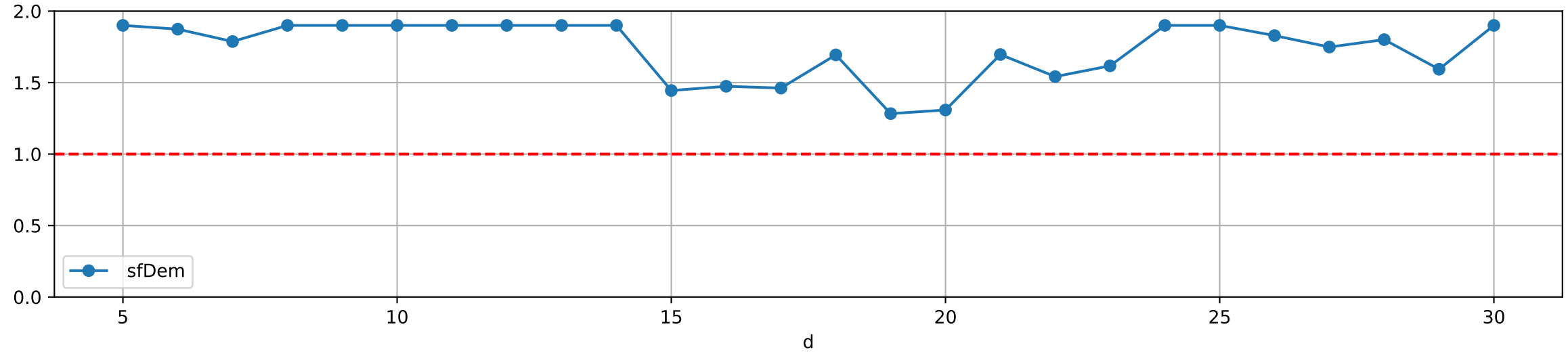
dStH: D_Q50_StH



dStH: D_Est_StH

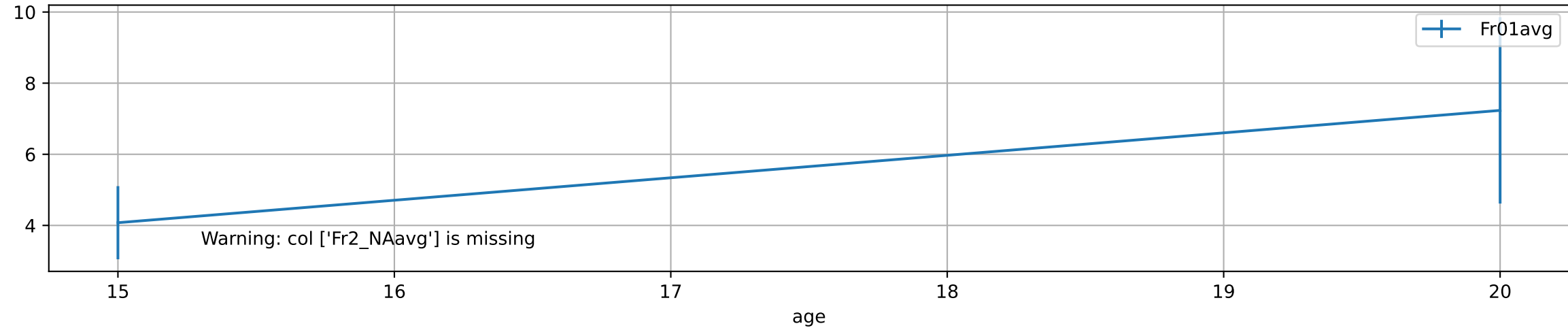


dStH: sfDem



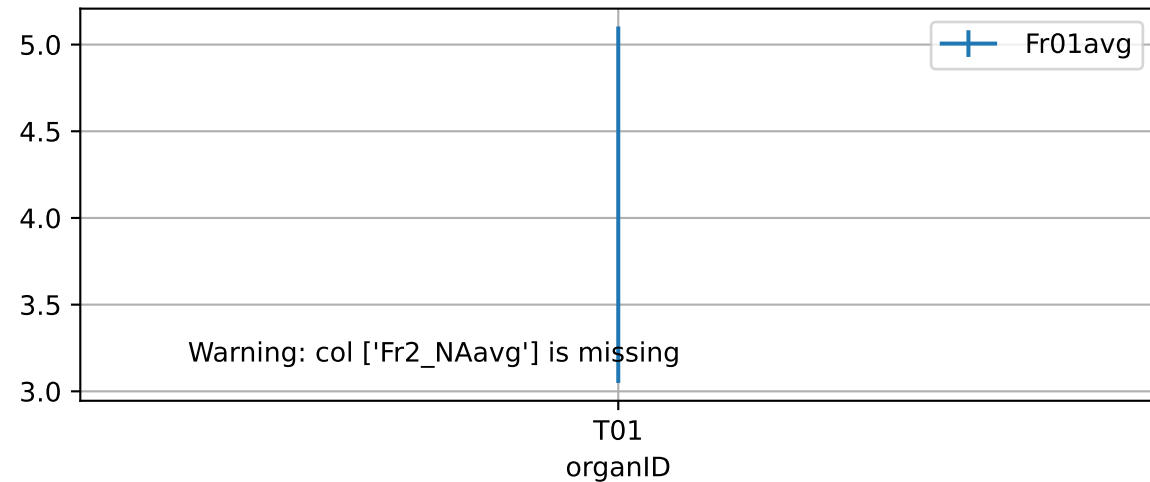


FrV: Fr01 vs Fr2_NA at each truss
organID=T01

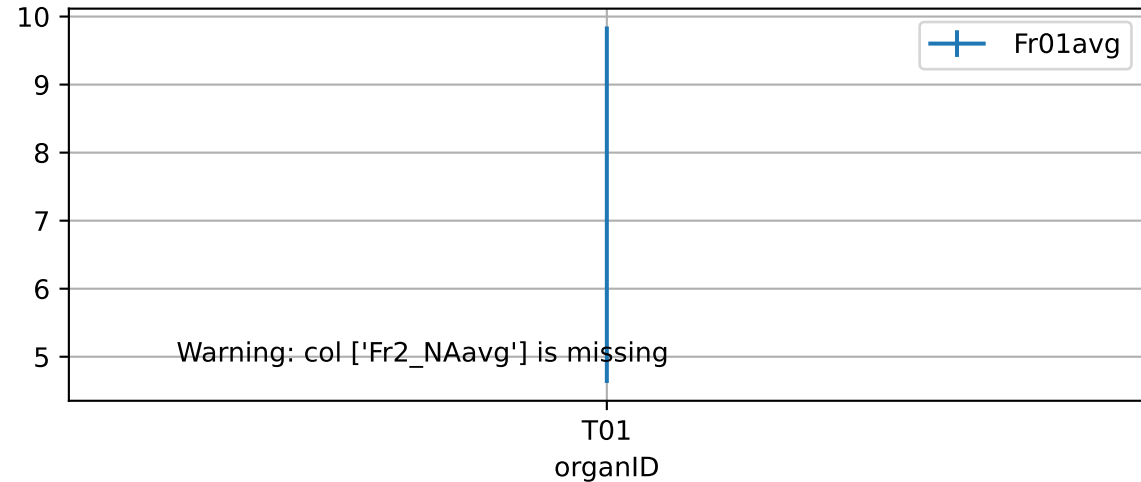


FrV trend at each age

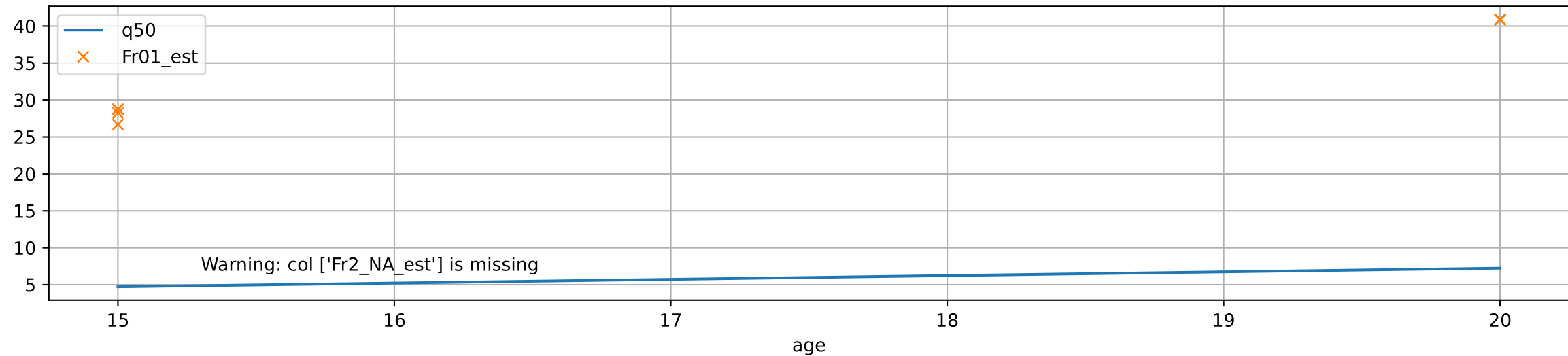
age=15



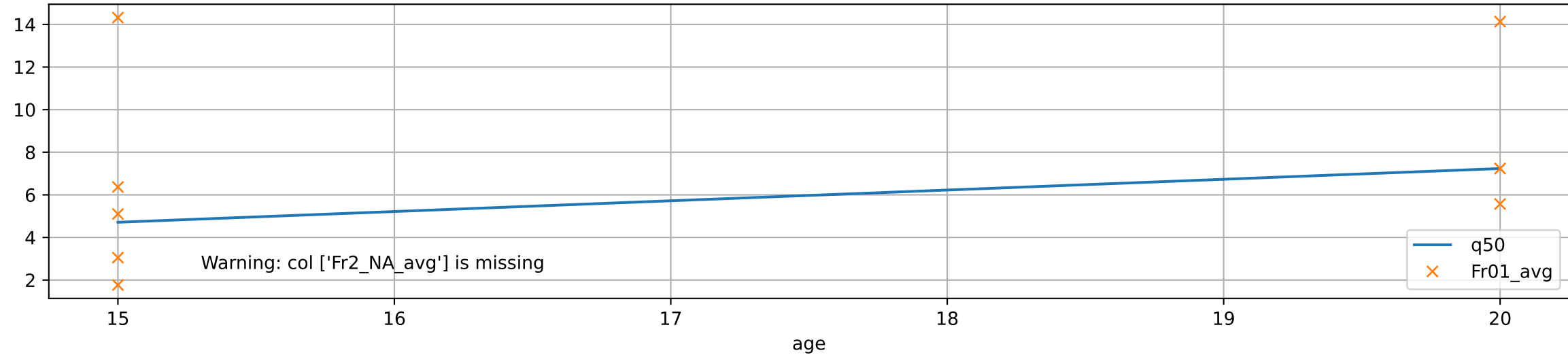
age=20



FrV: model Est vs obsFrV at Q90



FrV: obsFrV vs obsFrV@Q90

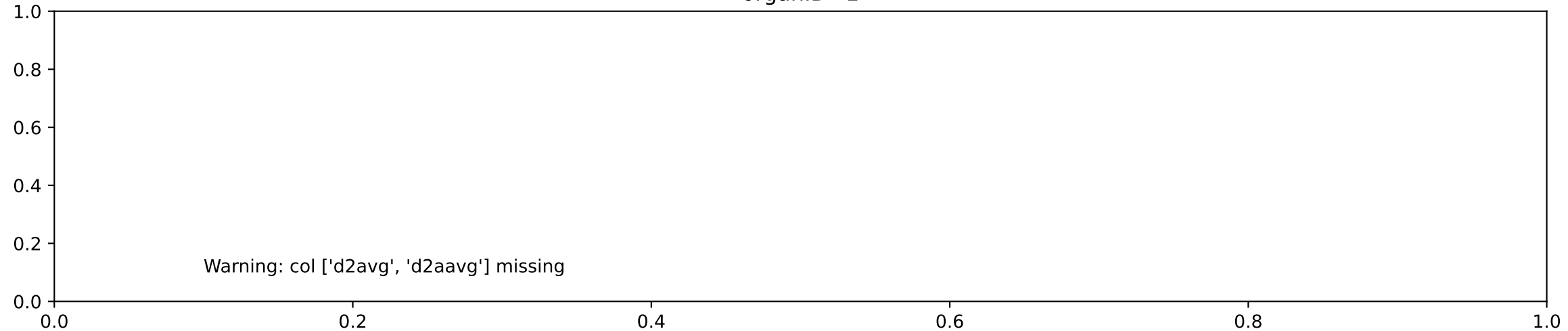


FrV: D_Fr1_FrV
organID=1

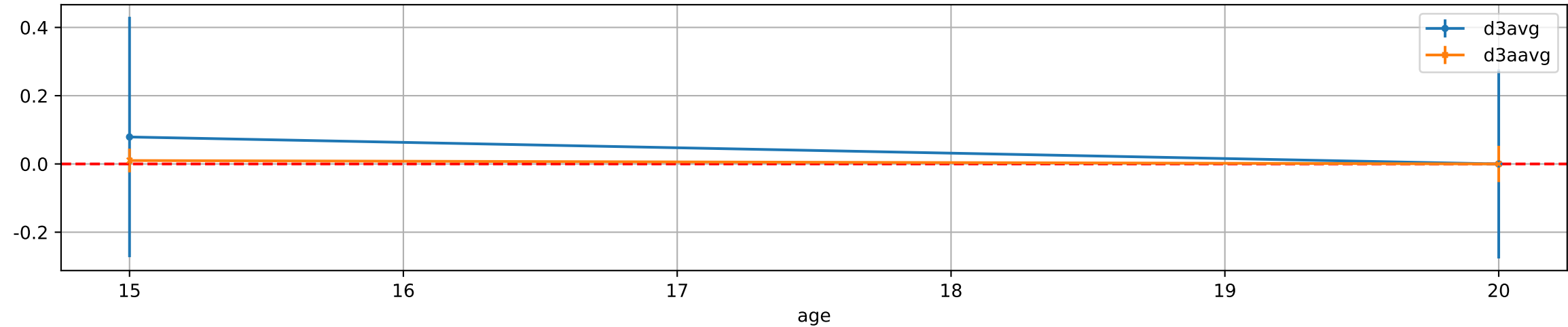
Warning: col ['d1avg', 'd1aavg'] missing

FrV: D_Ts_FrV
organID=1

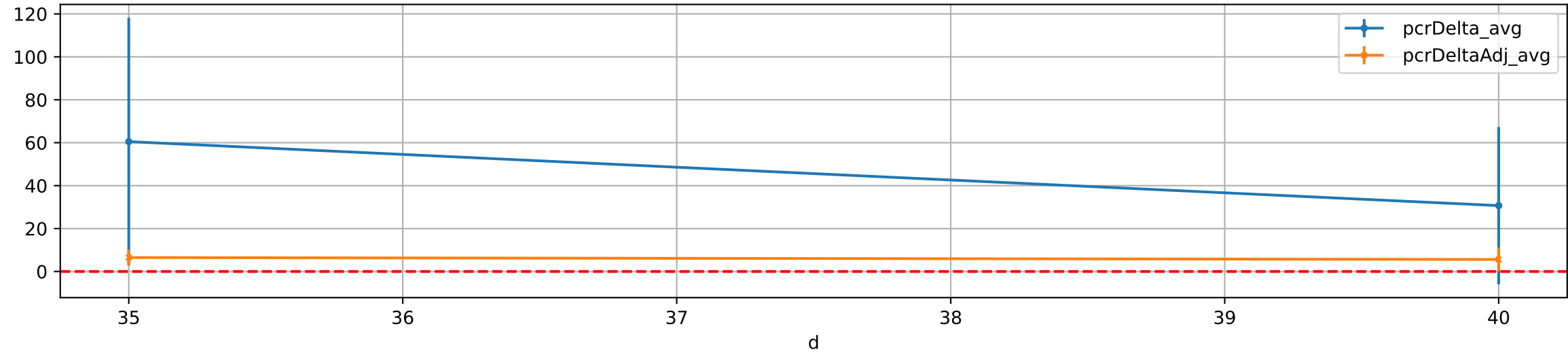
Warning: col ['d2avg', 'd2aavg'] missing



FrV: D_Q50_FrV
organID=1



P10AW FrV: D_Q50_FrV



FrV: D_Est_FrV
organID=1

