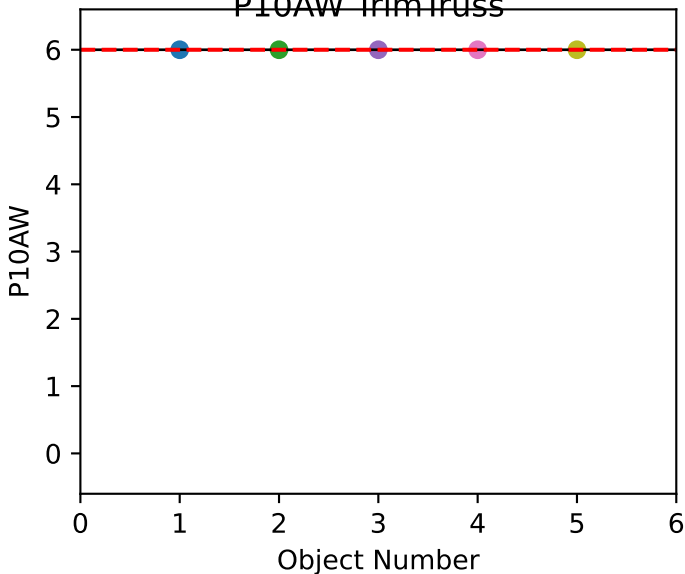


Phenotype Data Analysis Plots
PhenoData day range = 10 - 40
Analysis cutoff day = 40
NC11 P10
2025-05-11 (Day 41)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

P10AW Trim Truss



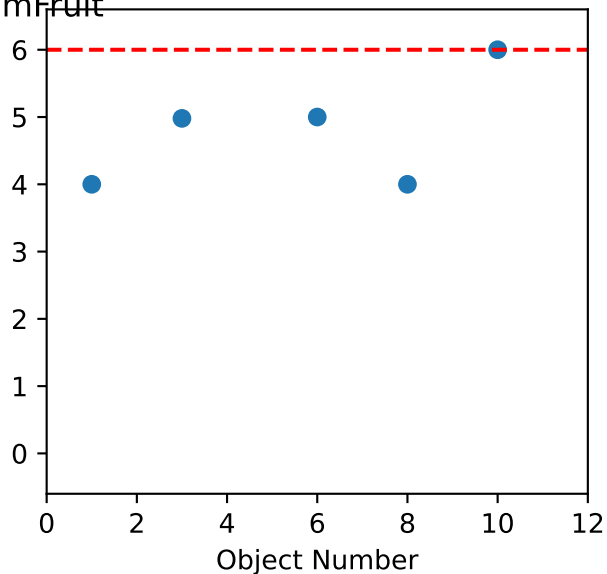
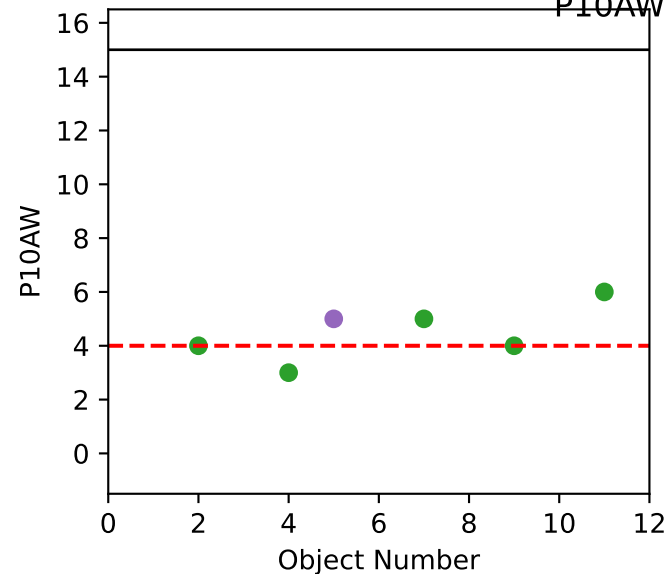
FruitNumAvgPerTruss (Def=15 Set=4)

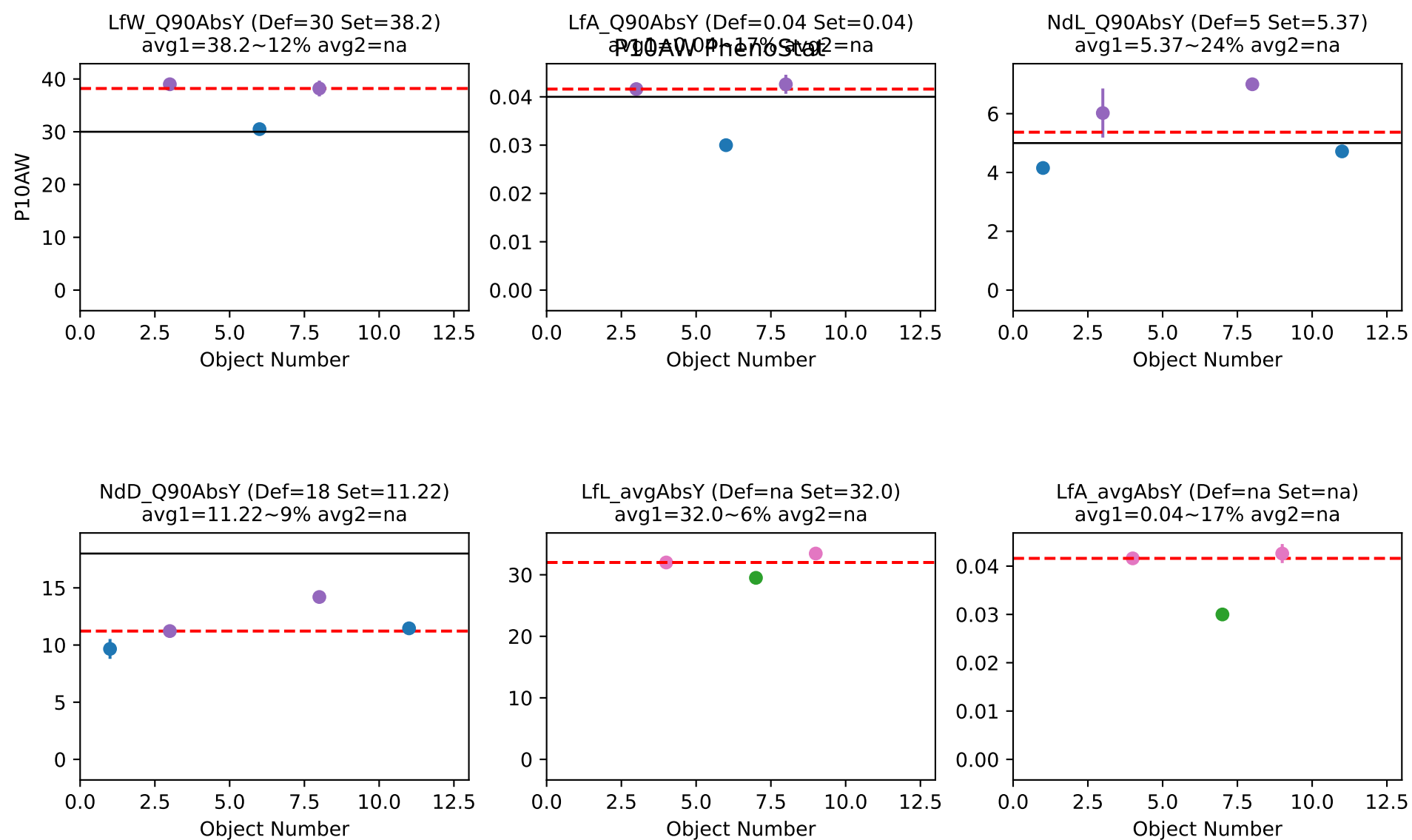
avg1=4.0~23% avg2=na

P10AW TrimFruit

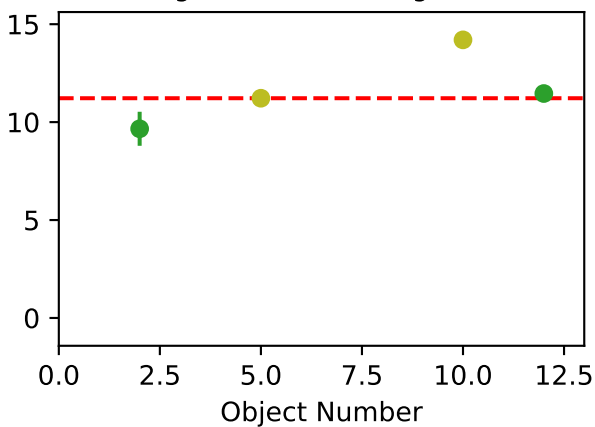
FruitNumMaxPerTruss (Def=na Set=6)

avg1=6.0~15% avg2=na

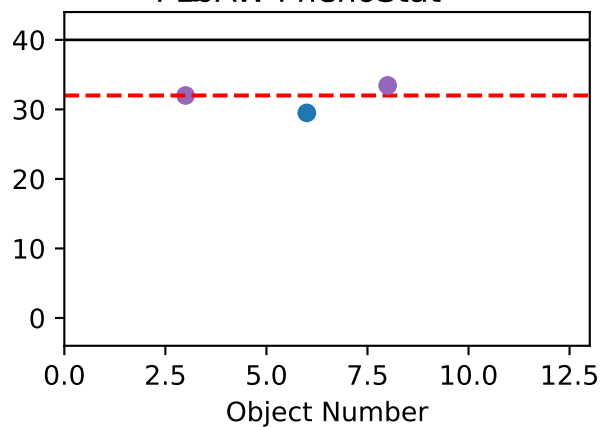




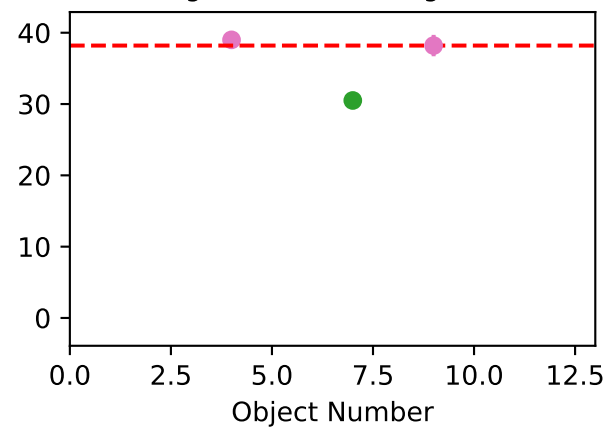
NdD_avgAbsY (Def=na Set=11.22)
avg1=11.22~9% avg2=na



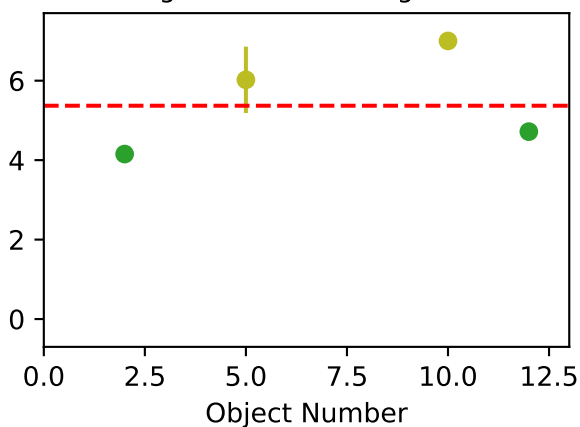
LfL_Q90AbsY (Def=40 Set=32.0)
avg1=32.0~6% avg2=na



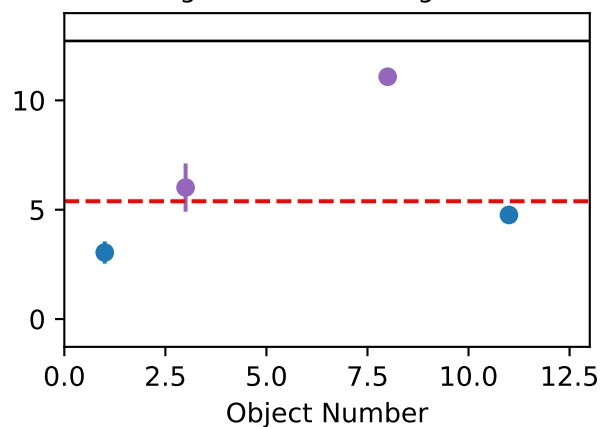
LfW_avgAbsY (Def=na Set=38.2)
avg1=38.2~12% avg2=na



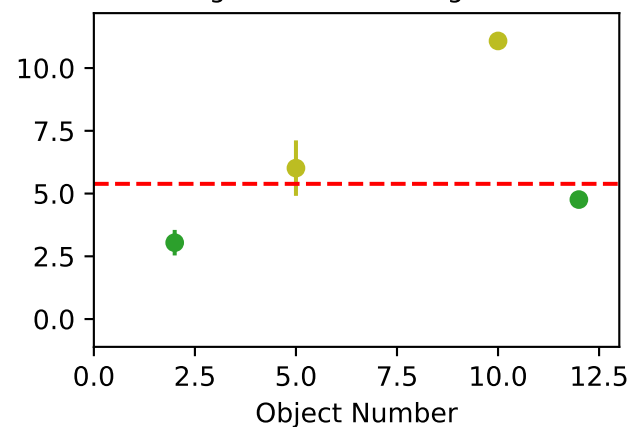
NdL_avgAbsY (Def=na Set=5.37)
avg1=5.37~24% avg2=na



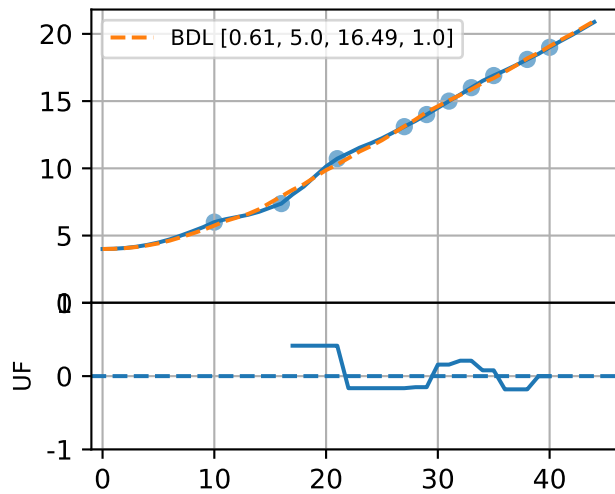
NdV_Q90AbsY (Def=12.72 Set=12.72)
avg1=5.39~64% avg2=na



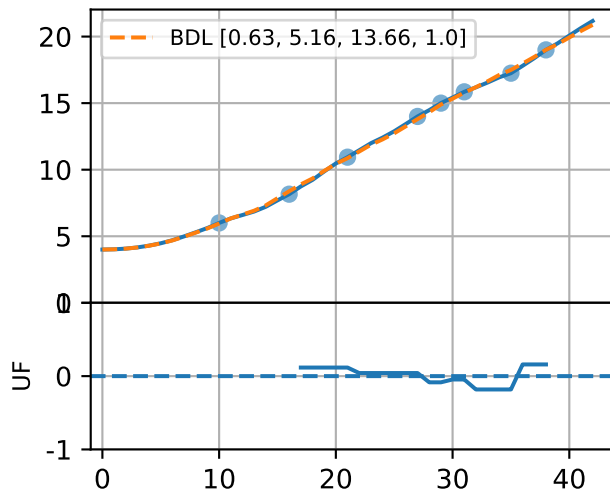
NdV_avgAbsY (Def=na Set=na)
avg1=5.39~64% avg2=na



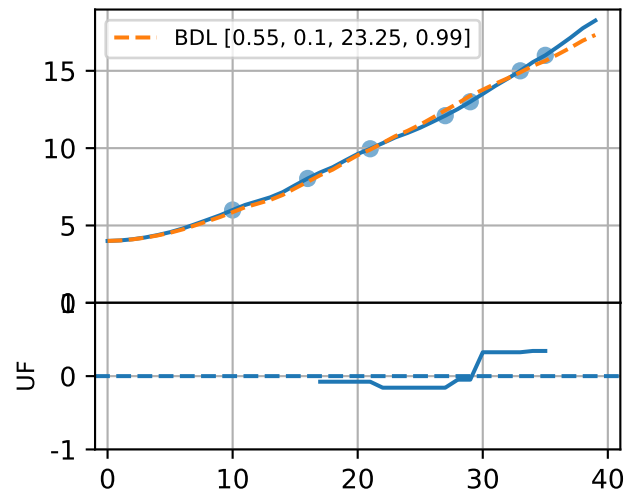
P10AW-003-11 (fit failed)



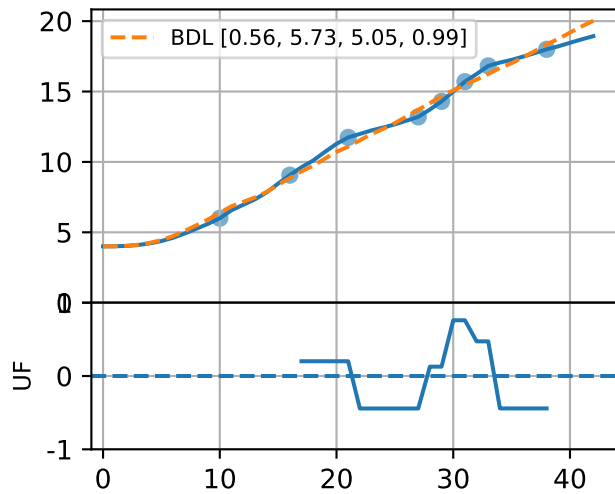
P10AW-016-13 (fit failed)



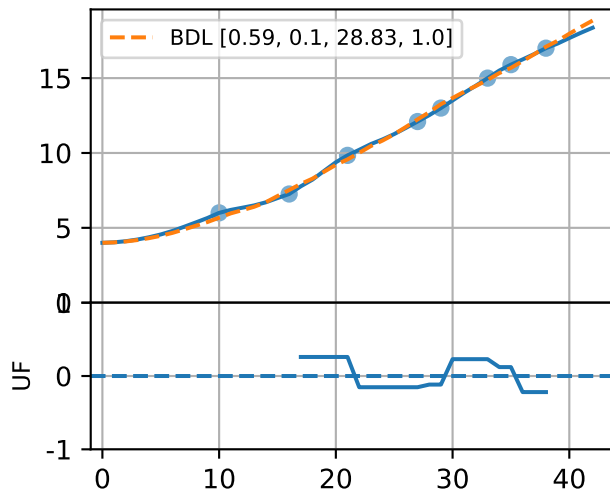
P10AW-029-30 (fit failed)



P10AW-041-24 (fit failed)

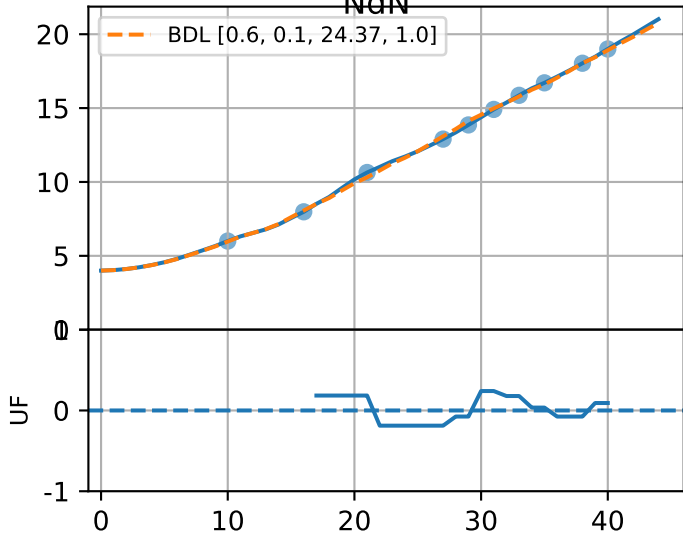


P10AW-054-10 (fit failed)

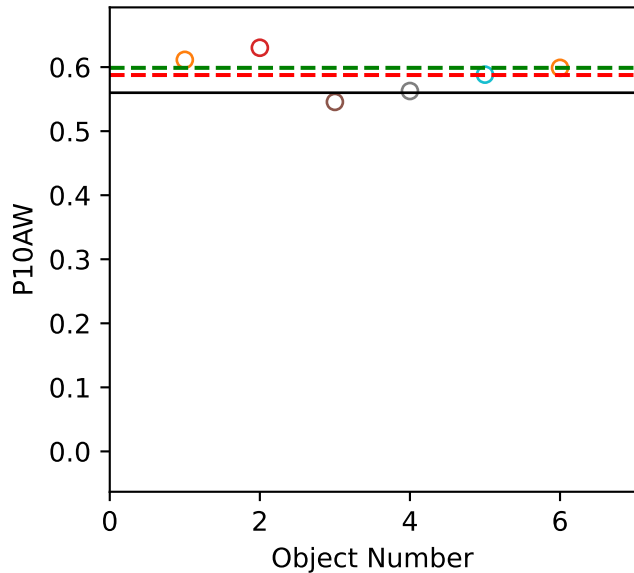


P10AWavg (fit failed)

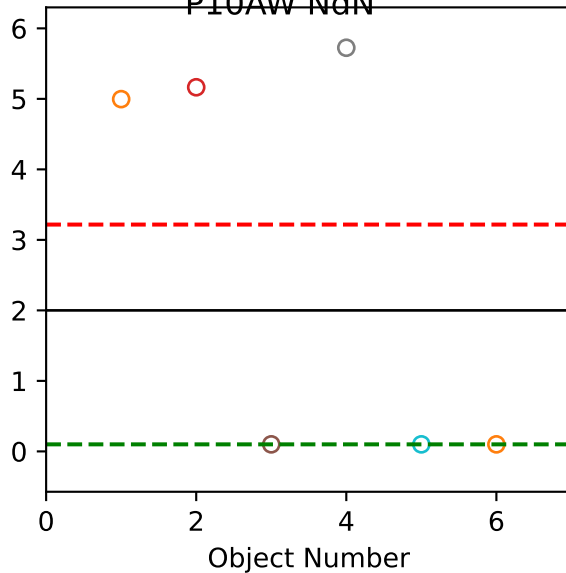
NaN



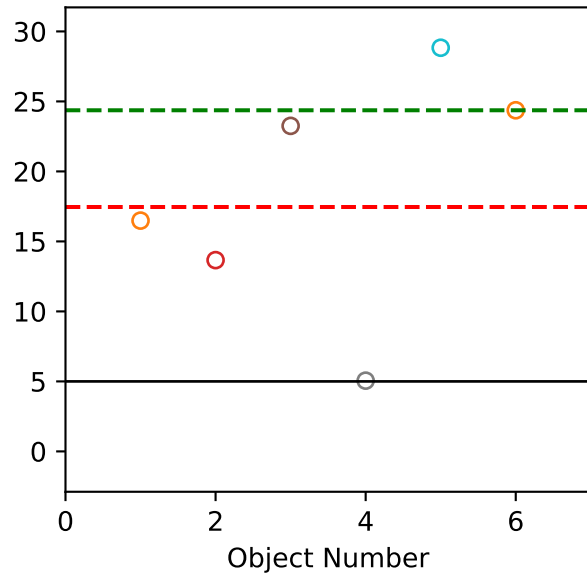
a (Def=0.56 Set=0.6)
avg1=0.59(fail) avg2=0.6



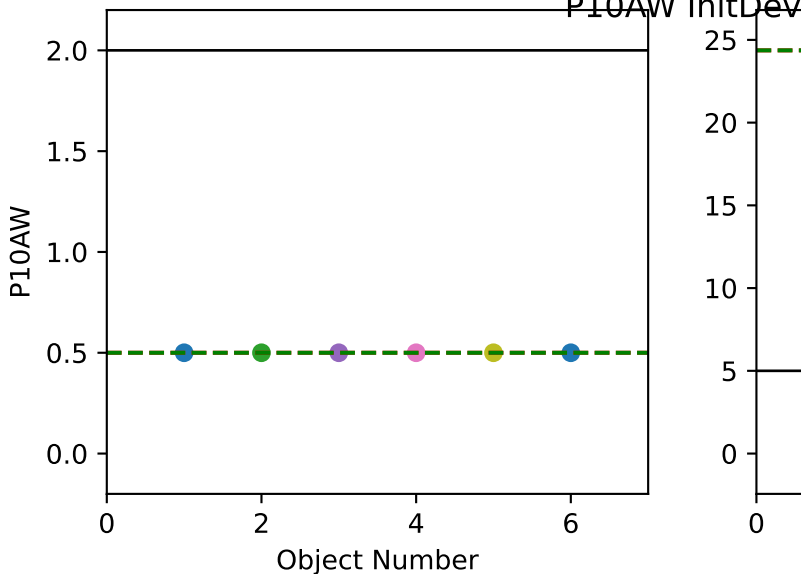
dm (Def=2 Set=0.1)
avg1=3.22(fail) avg2=0.1



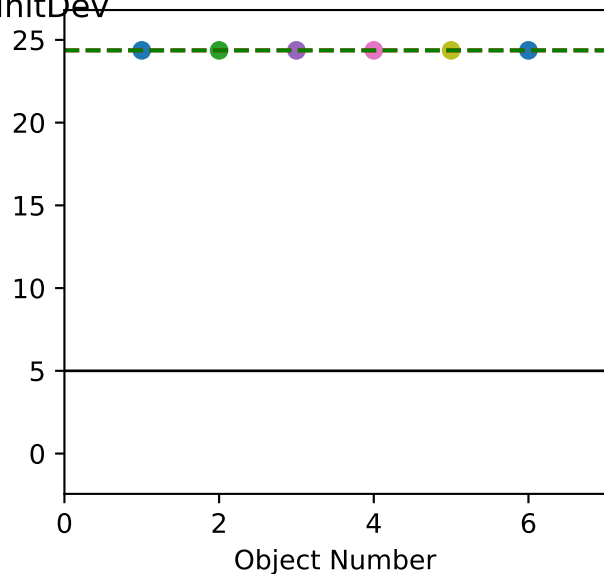
de (Def=5 Set=24.37)
avg1=17.46(fail) avg2=24.37



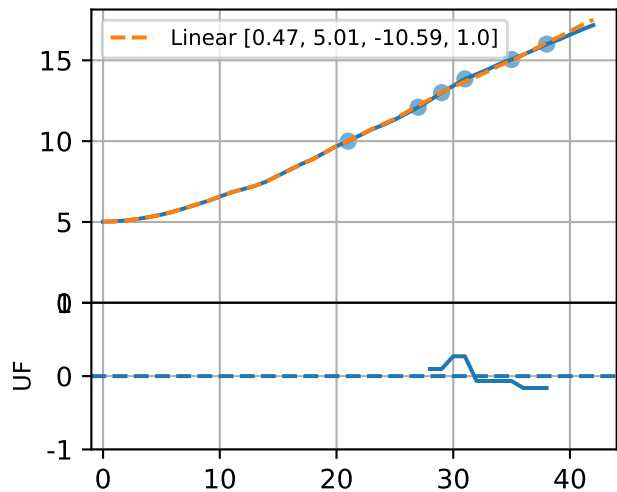
InitDev_dm (Def=2 Set=0.5)
avg1=0.5~0% avg2=0.5



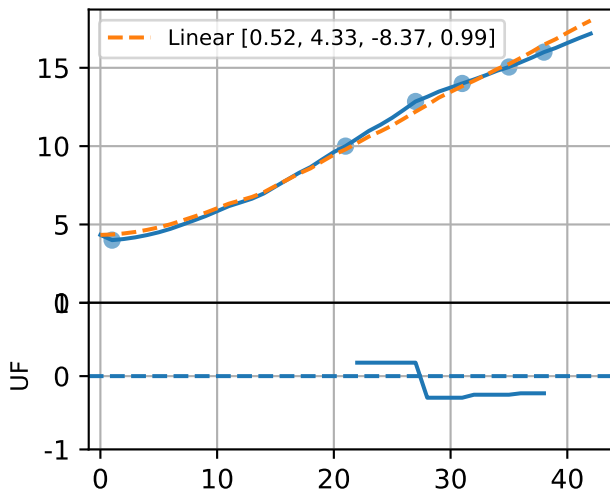
InitDev_de (Def=5 Set=24.37)
avg1=24.37~0% avg2=24.37



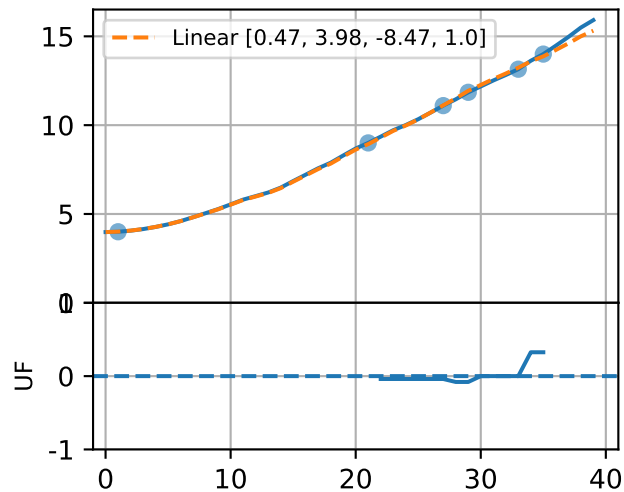
P10AW-003-11



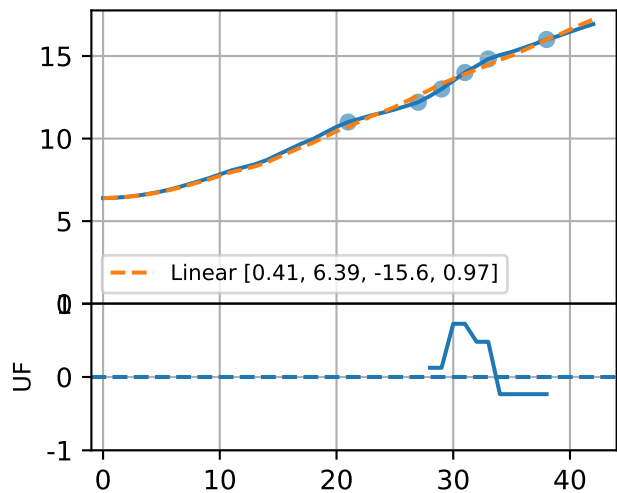
P10AW-016-3



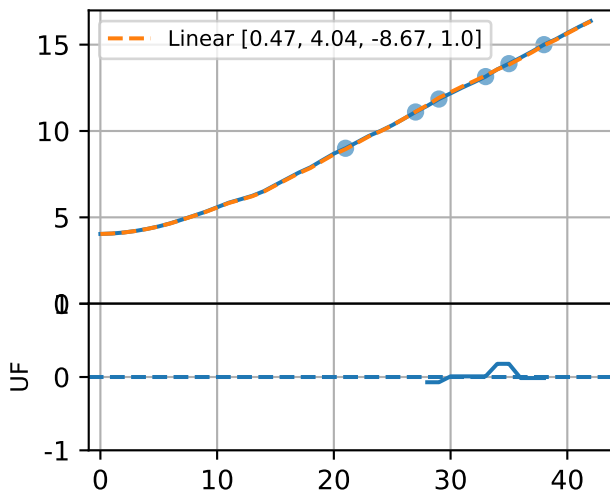
P10AW-029-30



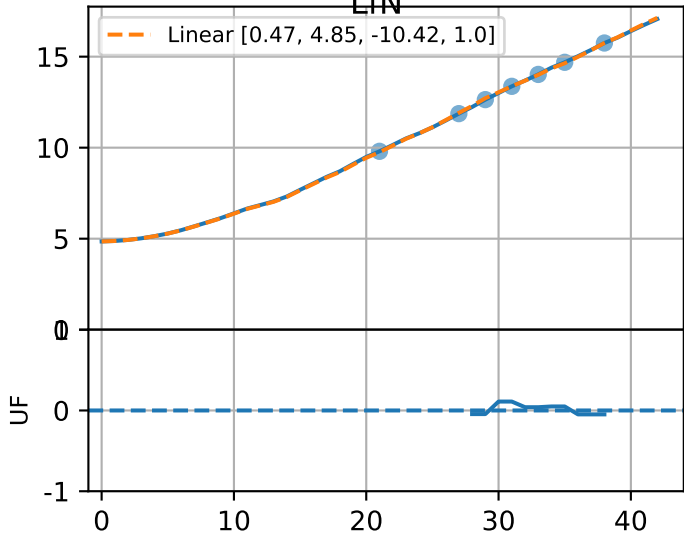
P10AW-041-24



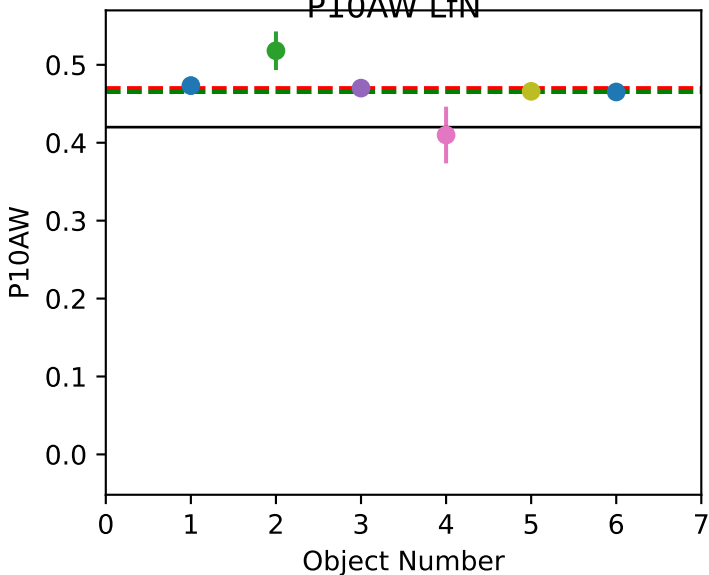
P10AW-054-10



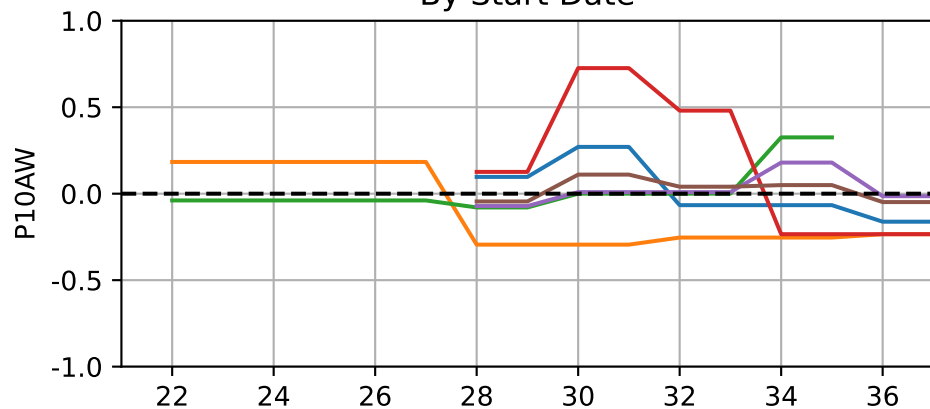
P10AWavg L_{fn}



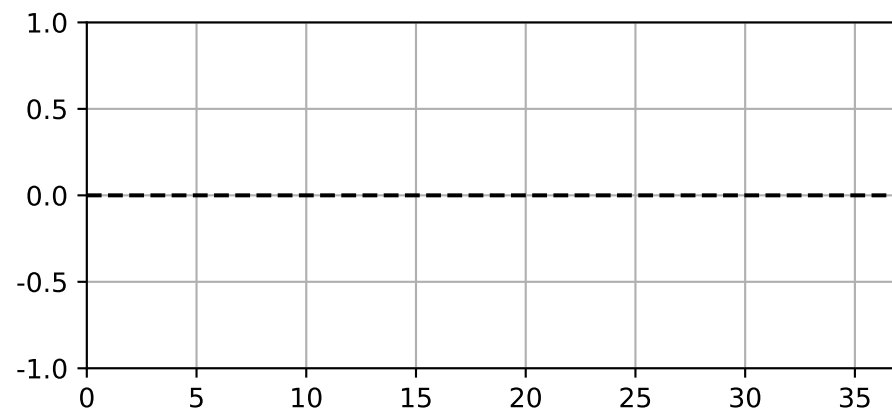
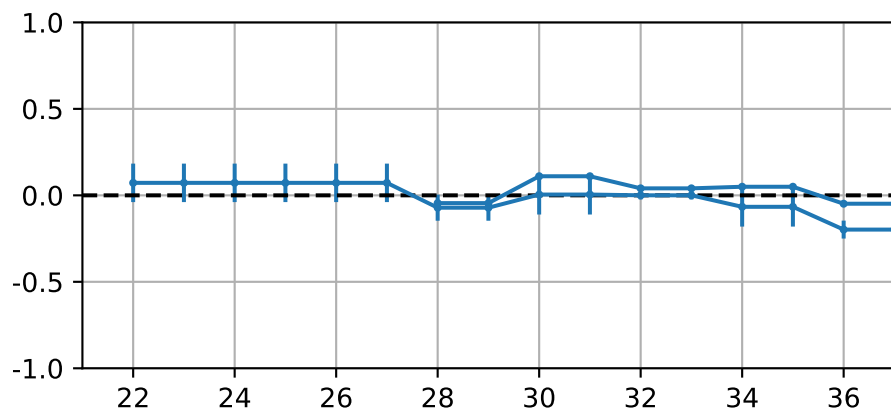
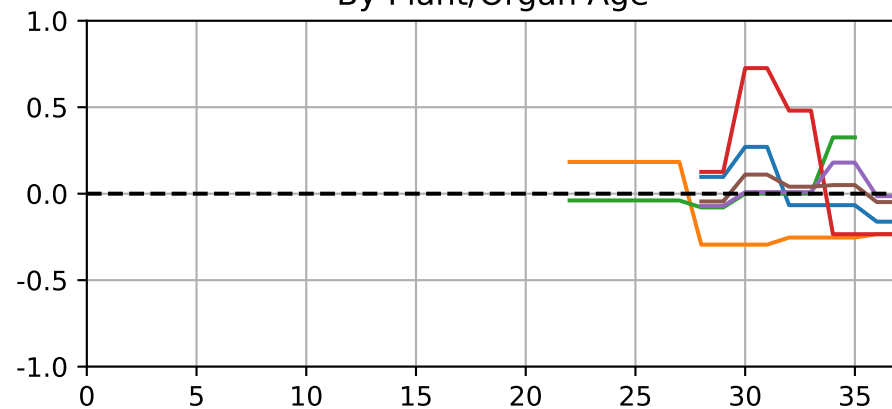
a (Def=0.42 Set=0.47)
avg1=0.47~1% avg2=0.47~2%



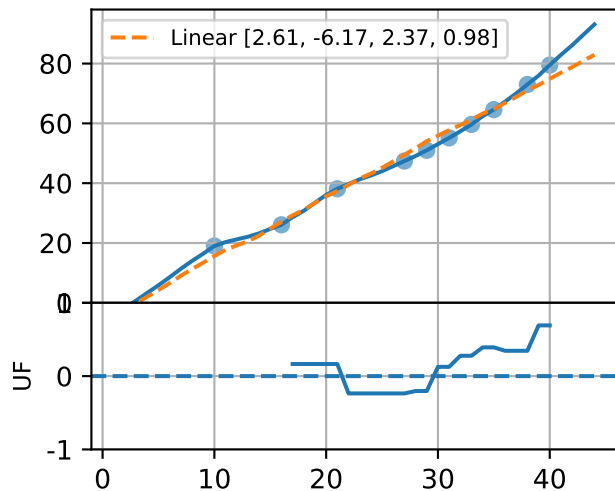
By Start Date



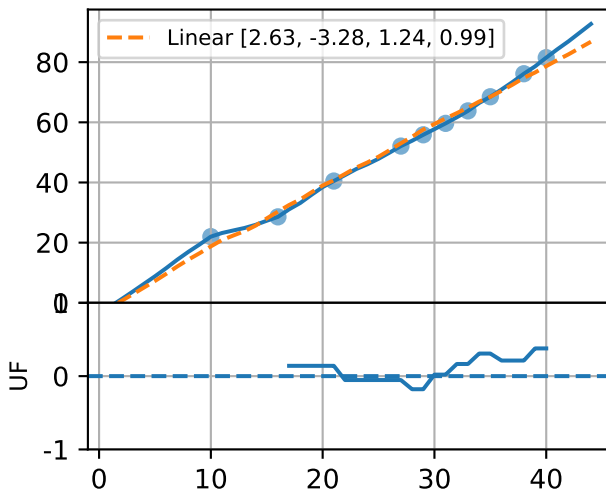
By Plant/Organ Age



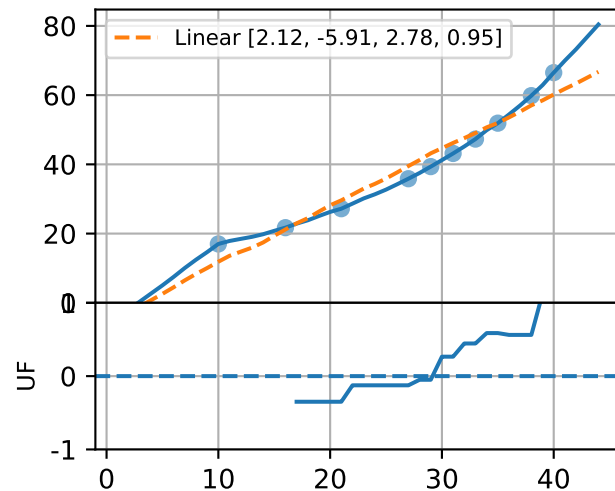
P10AW-003-11



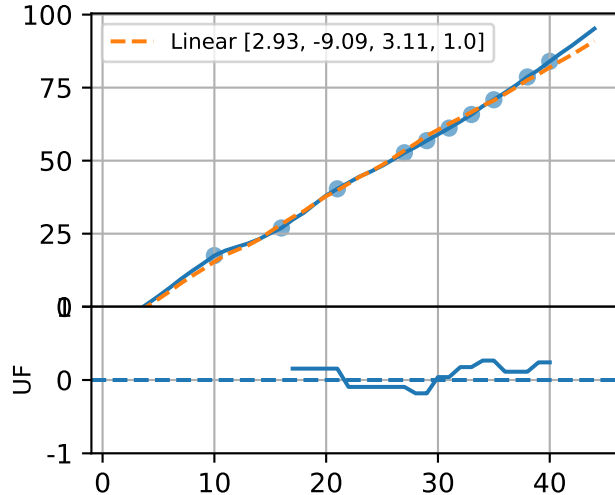
P10AW-016-3



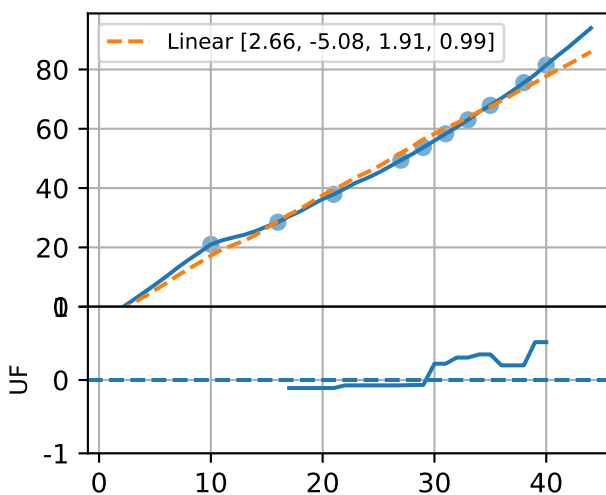
P10AW-029-30



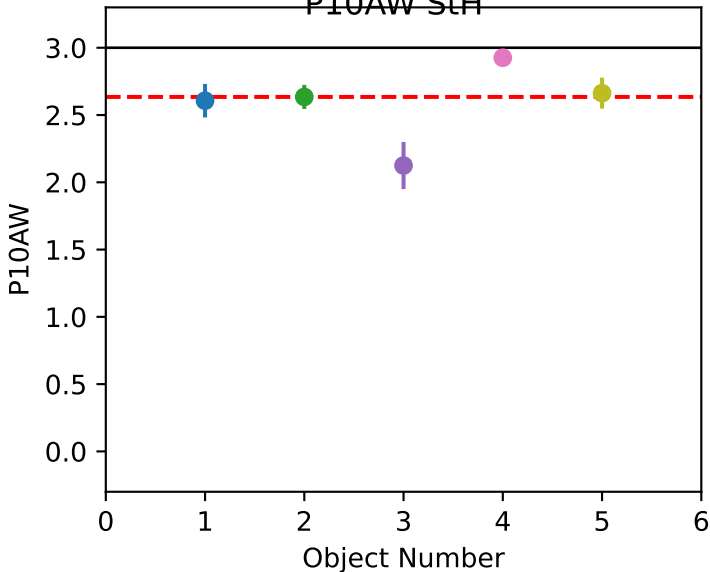
P10AW-041-24



P10AW-054-10

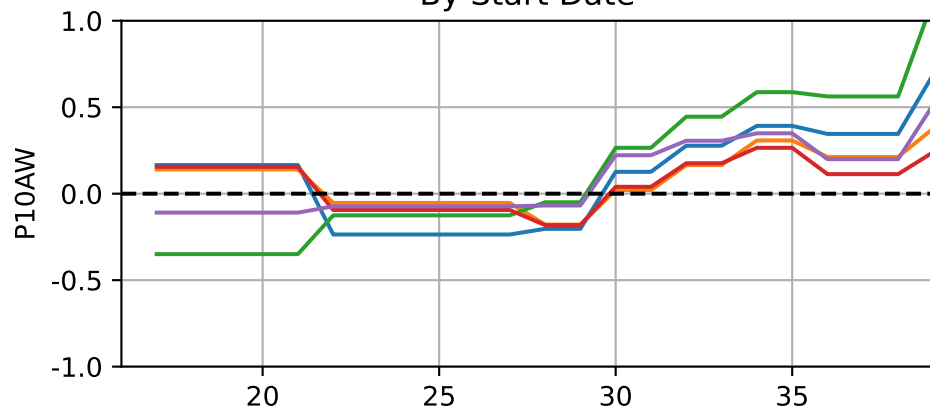


a (Def=3 Set=2.63)
avg1=2.63~1% avg2=na
P10AW StH

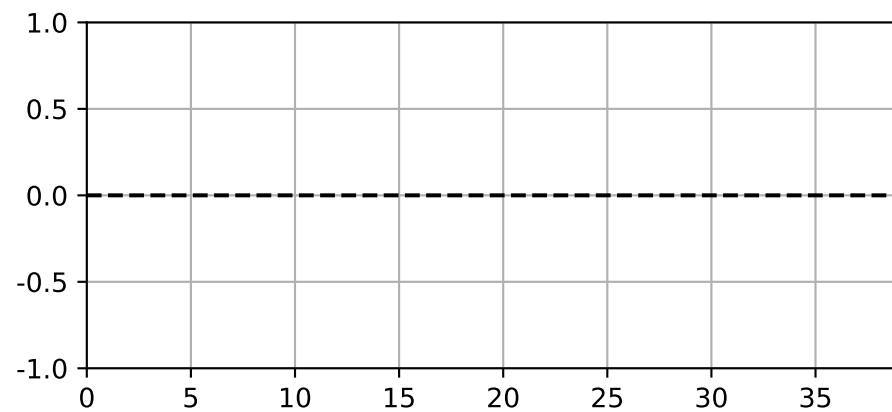
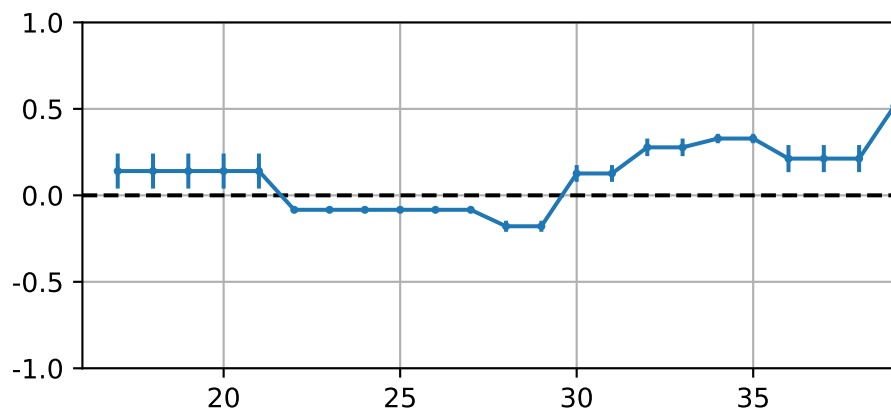
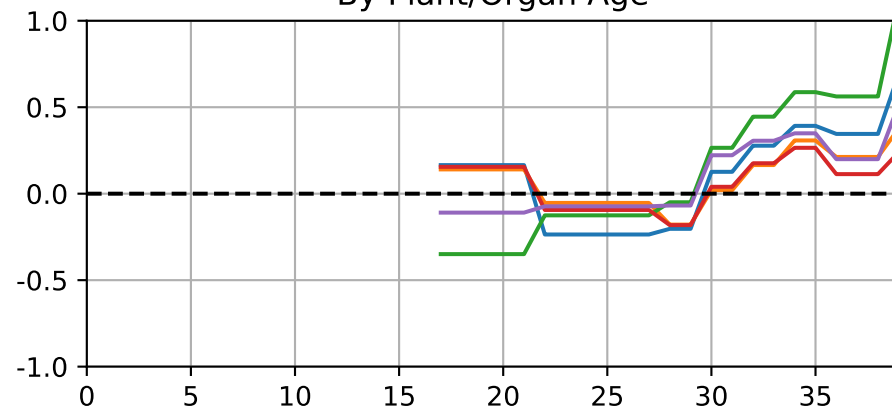


StH

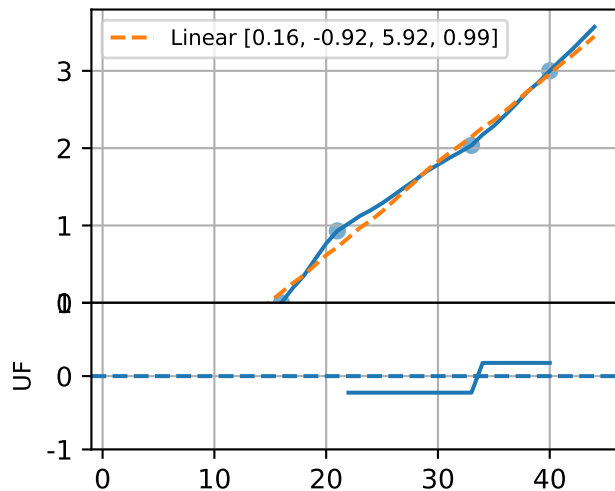
By Start Date



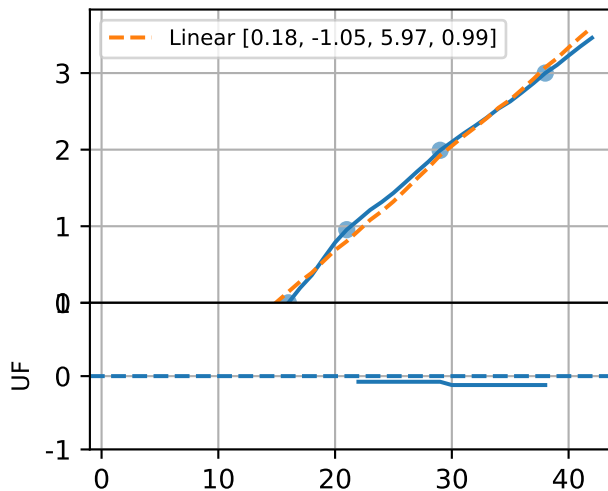
By Plant/Organ Age



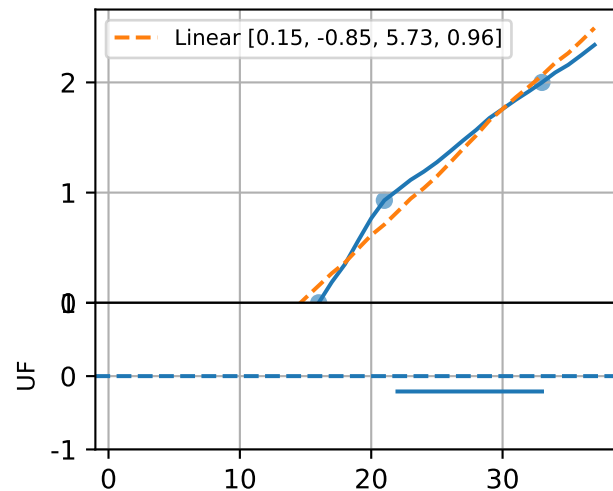
P10AW-003-11



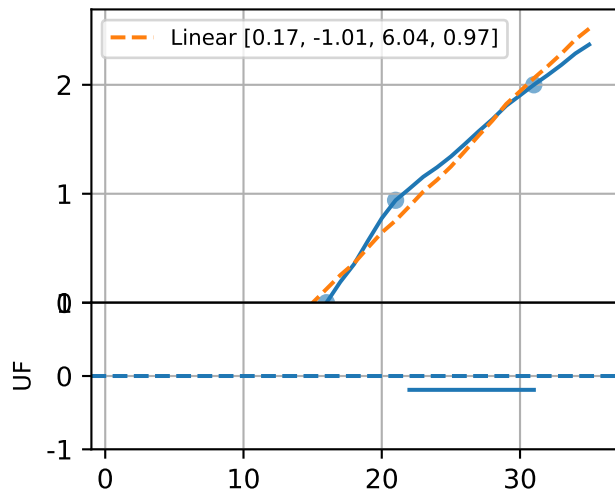
P10AW-016-3



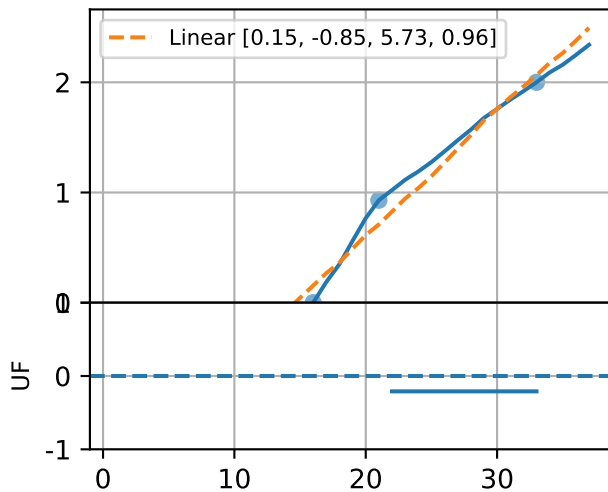
P10AW-029-30



P10AW-041-24

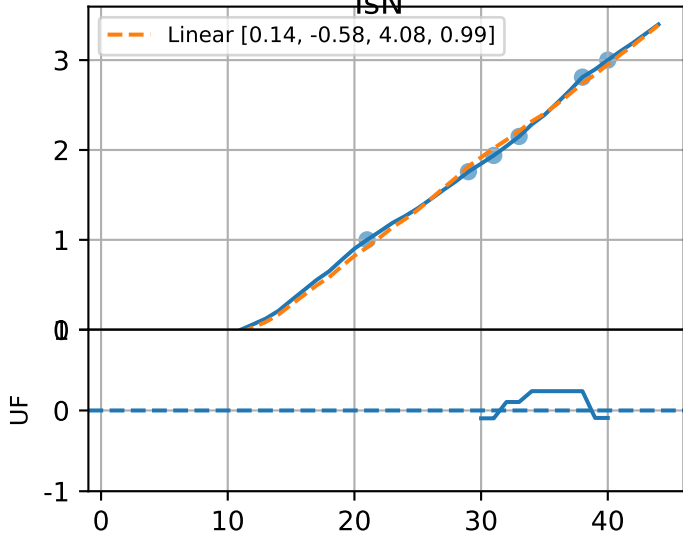


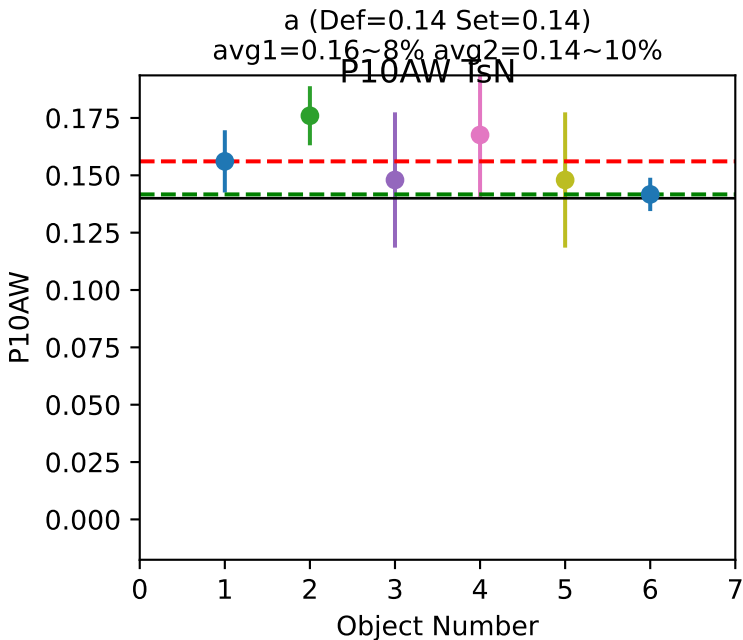
P10AW-054-10



P10AWavg

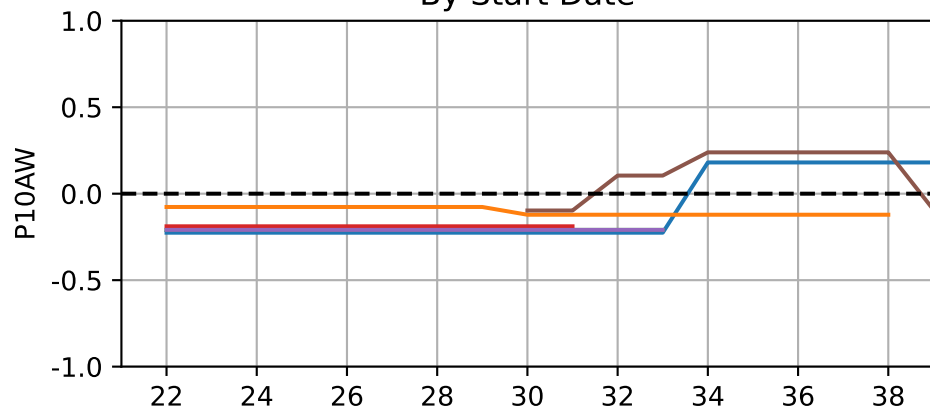
TSN



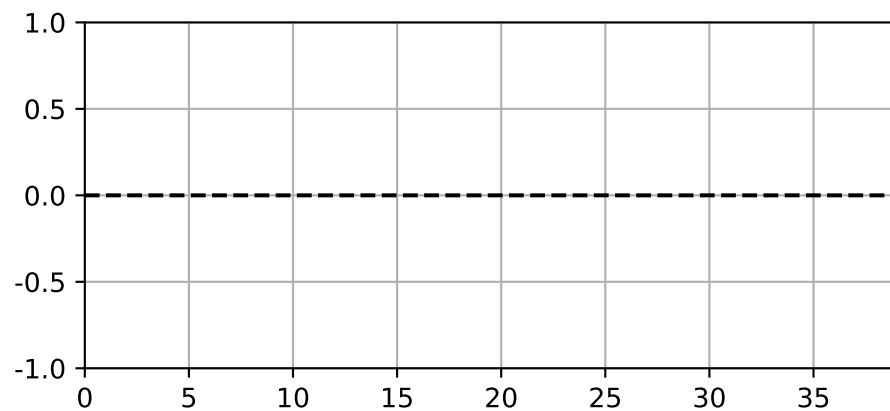
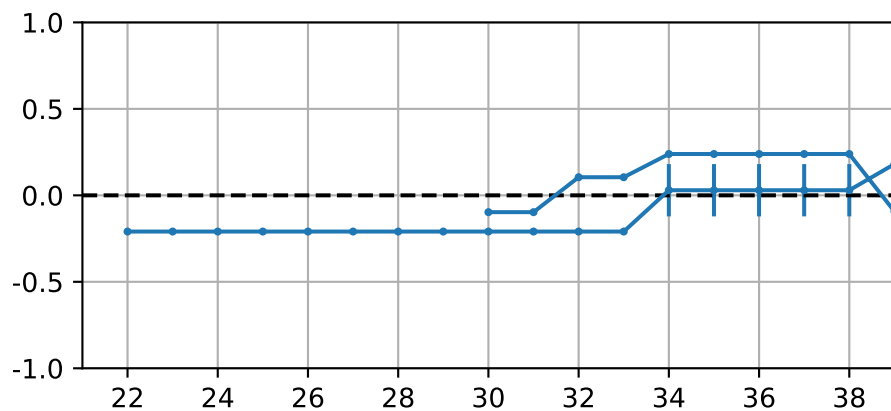
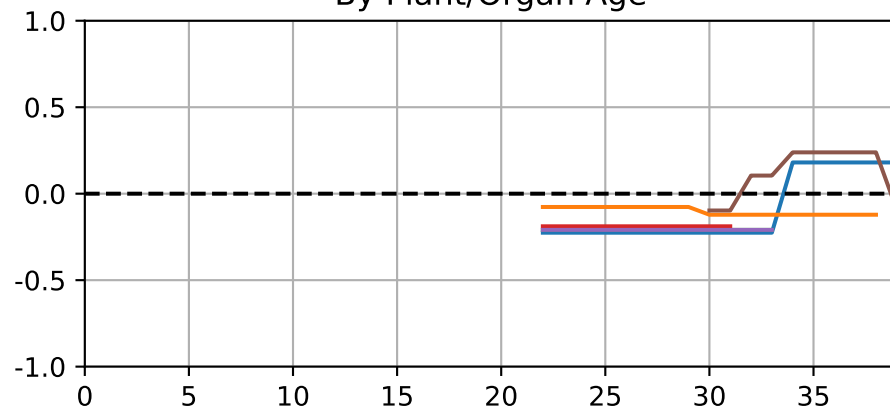


TsN

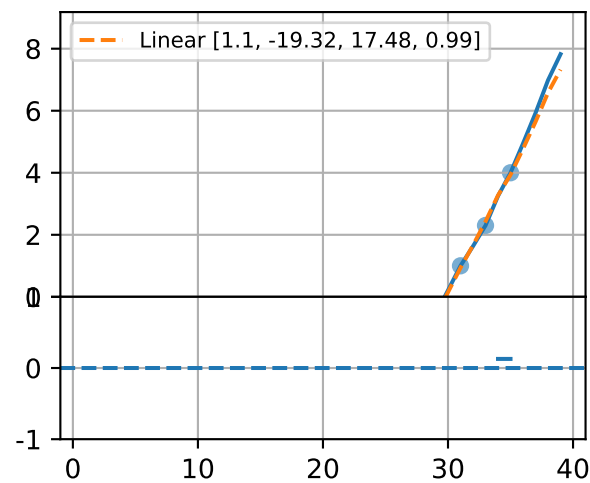
By Start Date



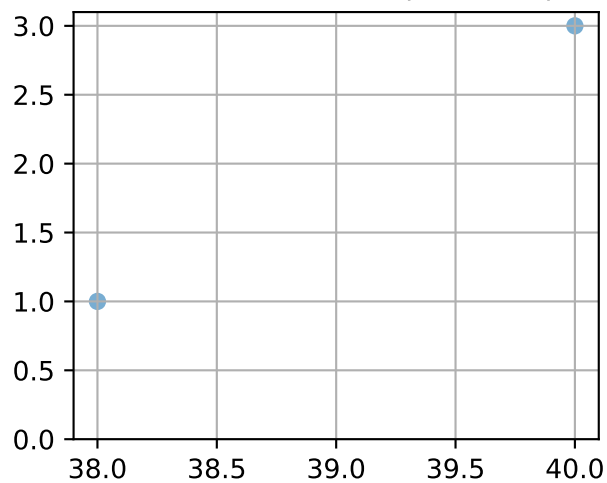
By Plant/Organ Age



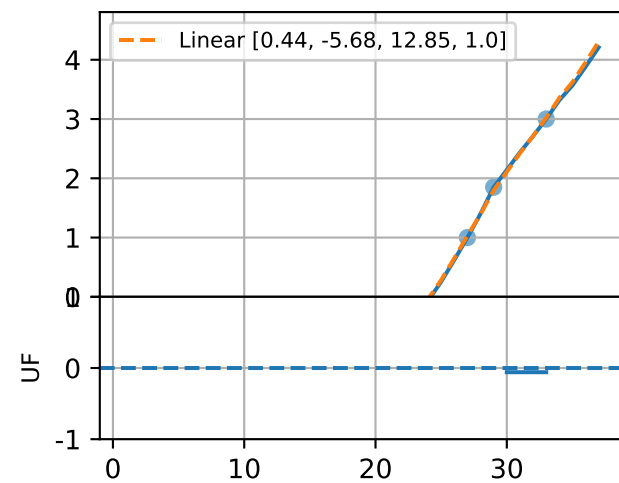
P10AW-003-11T1



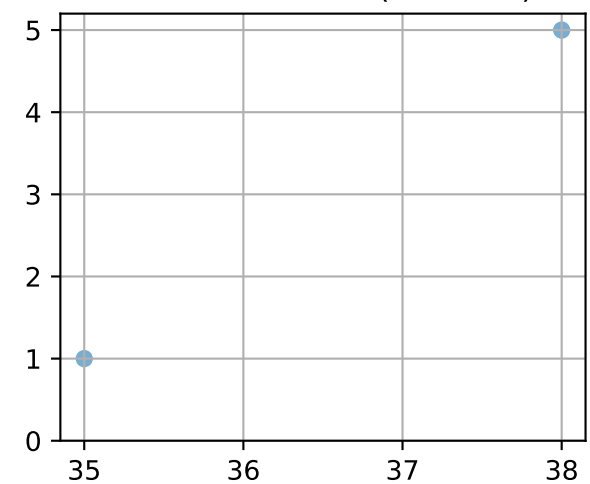
P10AW-003-11T2 (fit failed)



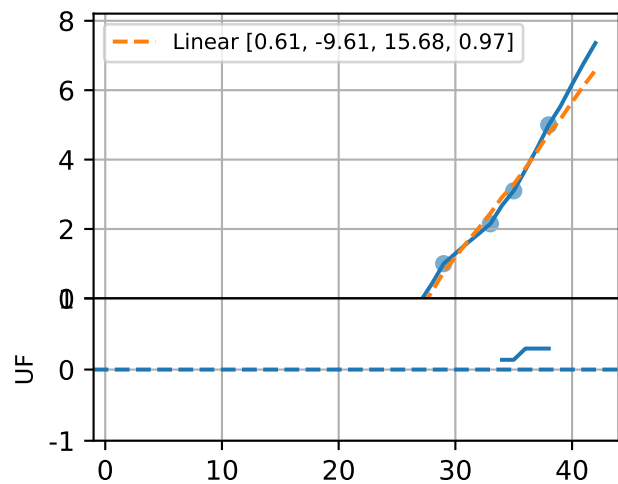
P10AW-016-3T1



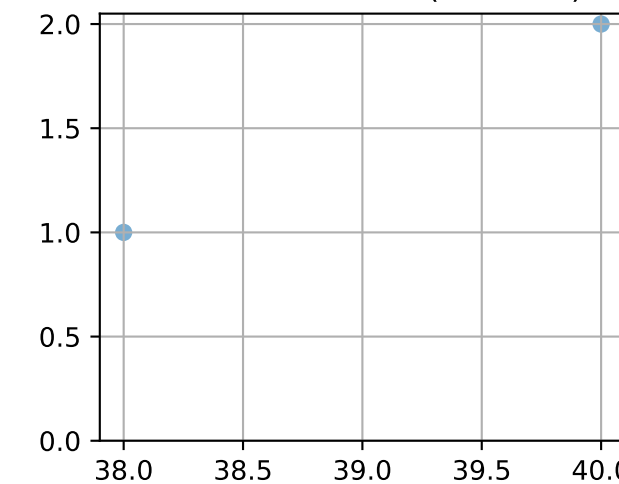
P10AW-016-3T2 (fit failed)



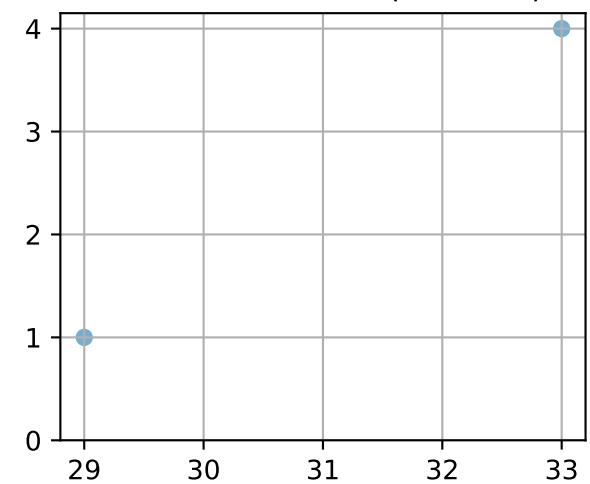
P10AW-029-30T1



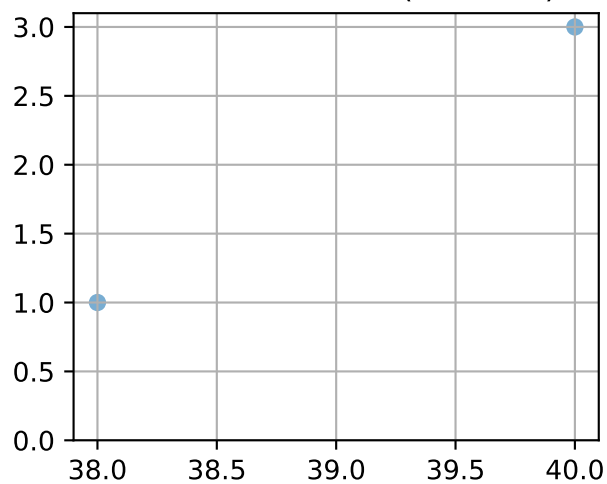
P10AW-029-30T2 (fit failed)



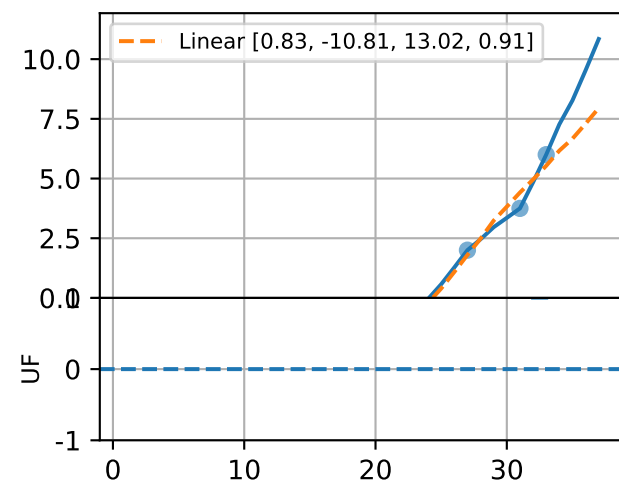
P10AW-041-24T1 (fit failed)



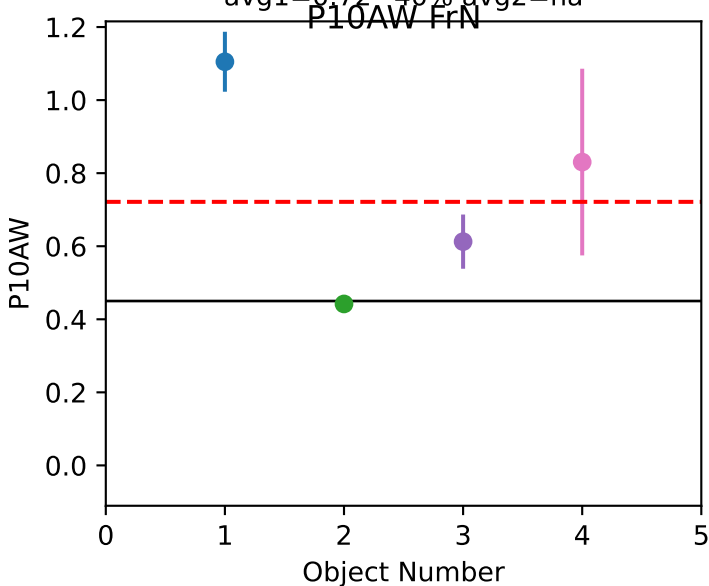
P10AW-041-24T2 (fit failed)



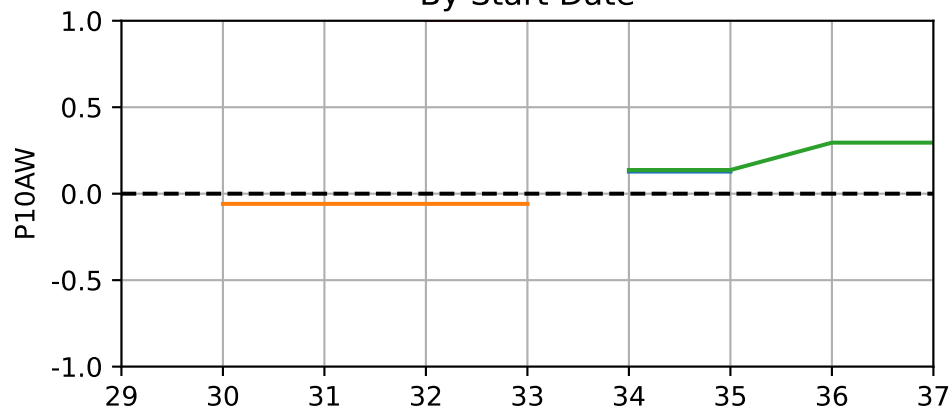
P10AW-054-10T1



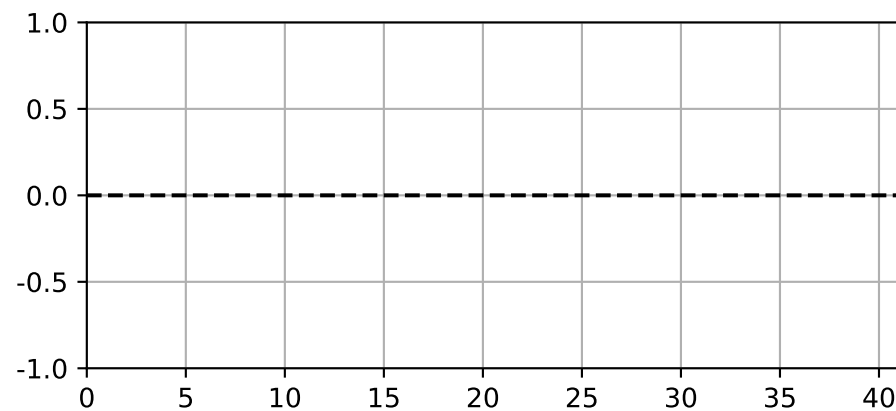
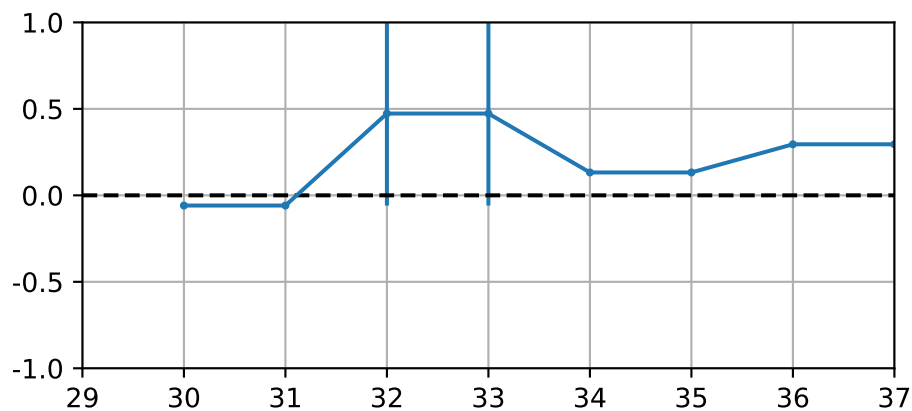
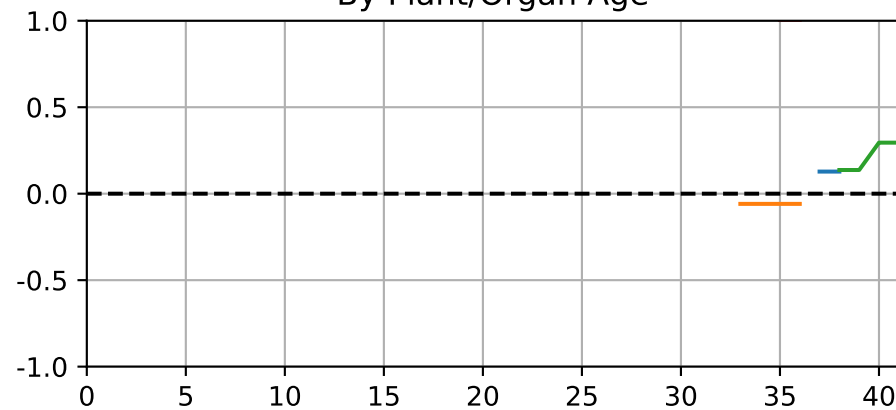
a (Def=0.45 Set=0.72)
avg1=0.72~40% avg2=na



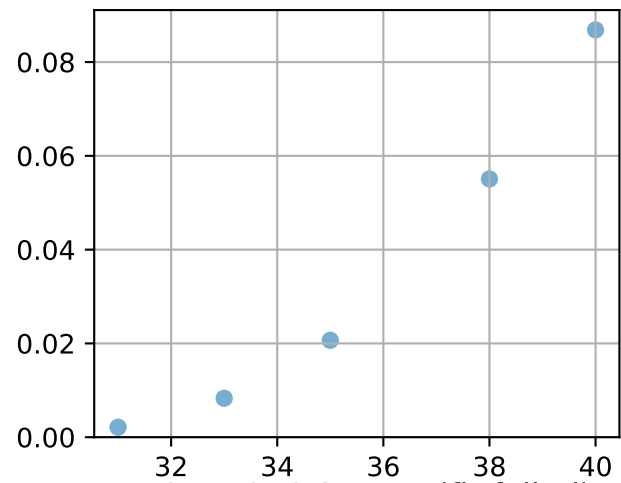
By Start Date



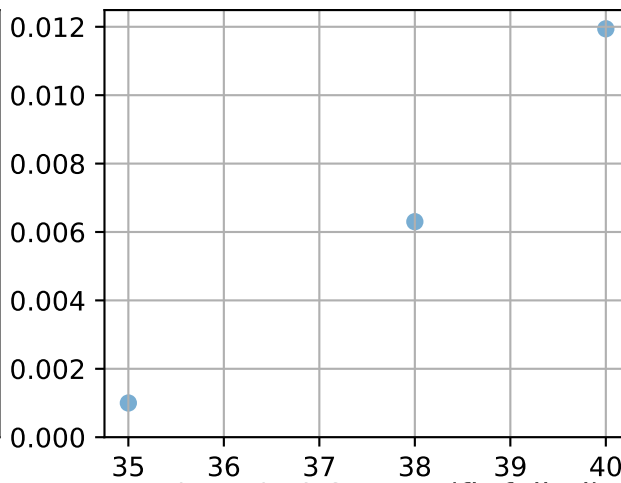
By Plant/Organ Age



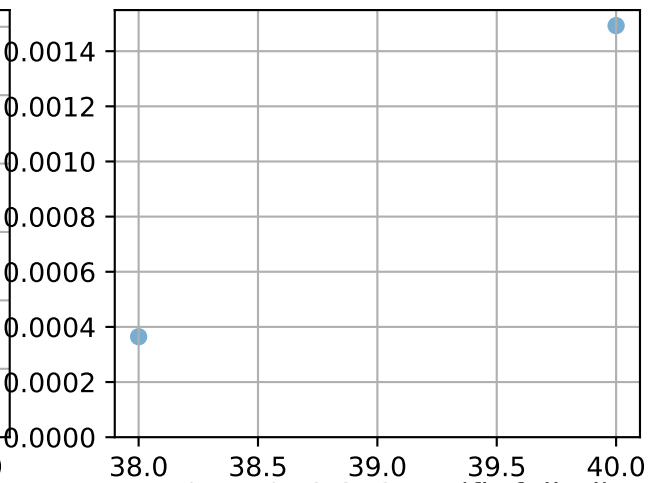
P10AW-003-11T1Fr1 (fit failed)



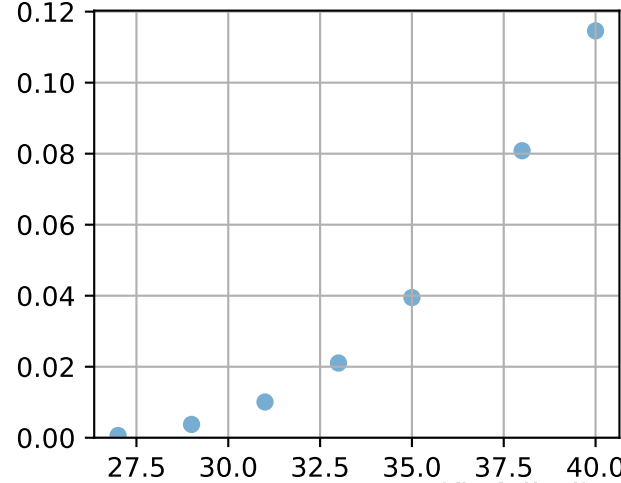
P10AW-003-11T1Fr5 (fit failed)



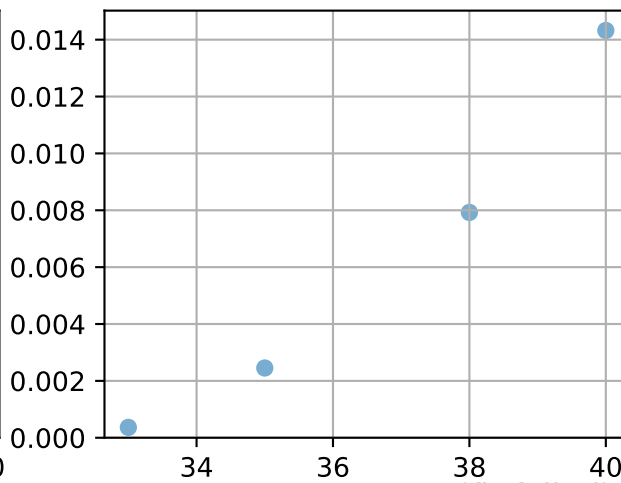
P10AW-003-11T2Fr1 (fit failed)



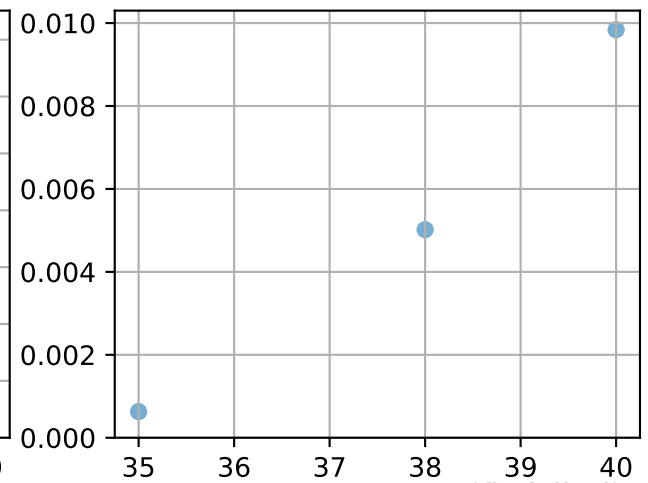
P10AW-016-3T1Fr1 (fit failed)



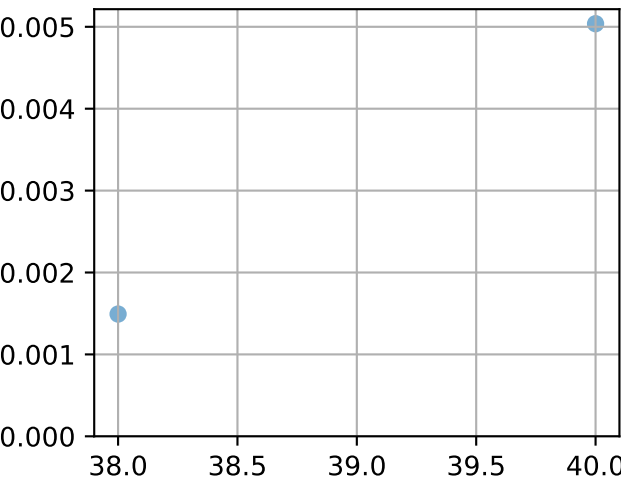
P10AW-016-3T1Fr5 (fit failed)



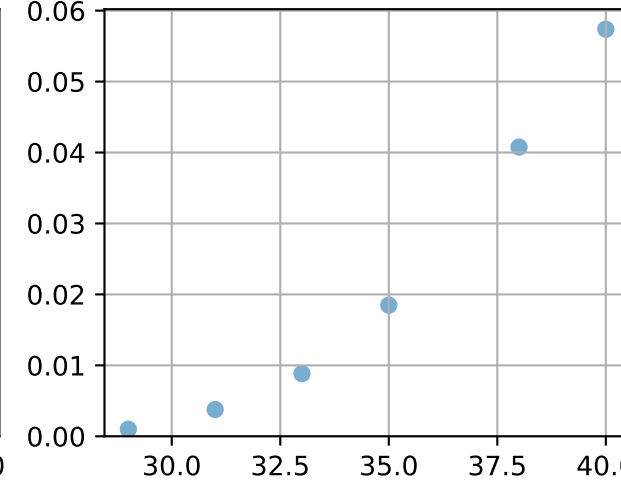
P10AW-016-3T2Fr1 (fit failed)



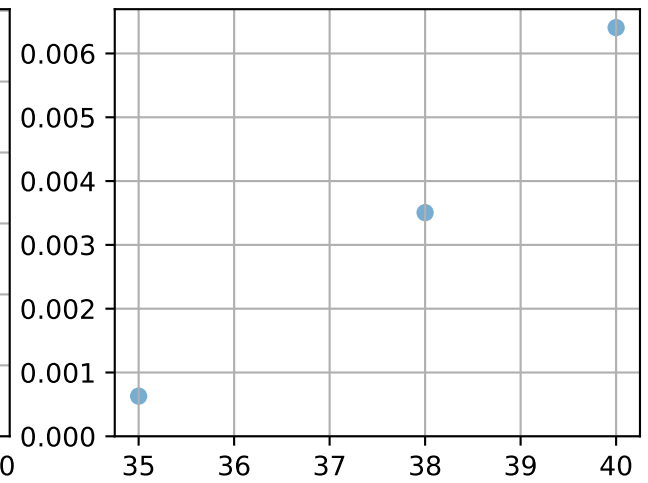
P10AW-016-3T2Fr5 (fit failed)



P10AW-029-30T1Fr1 (fit failed)

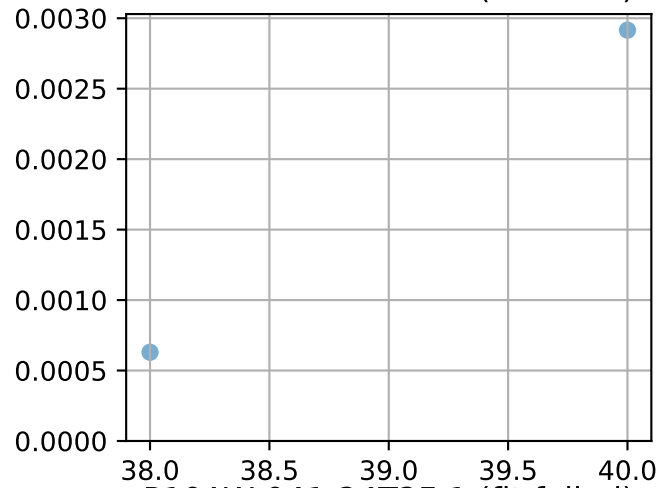


P10AW-029-30T1Fr5 (fit failed)

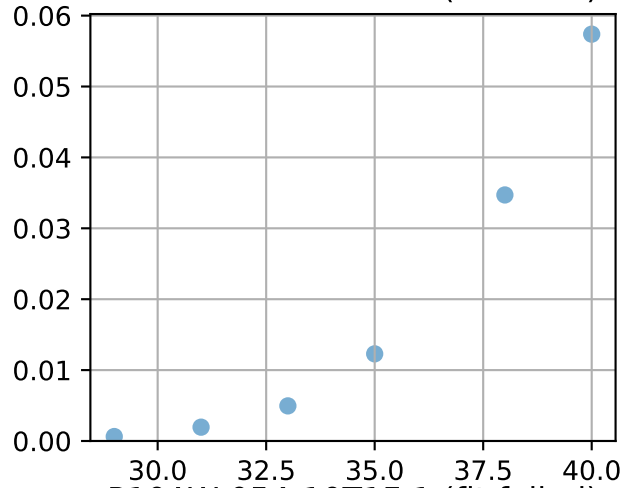


Fr_Y

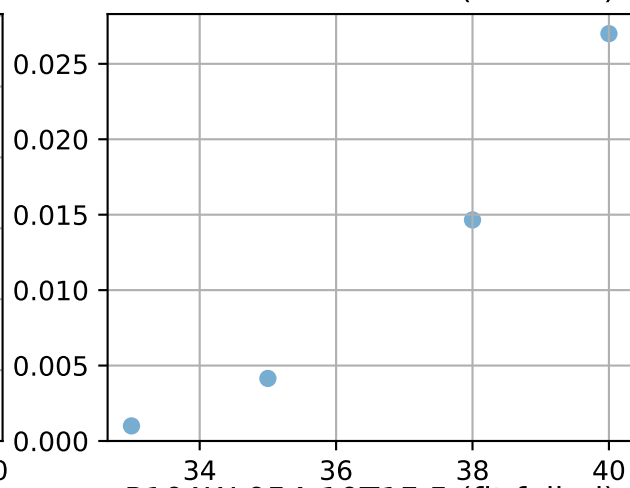
P10AW-029-30T2Fr1 (fit failed)



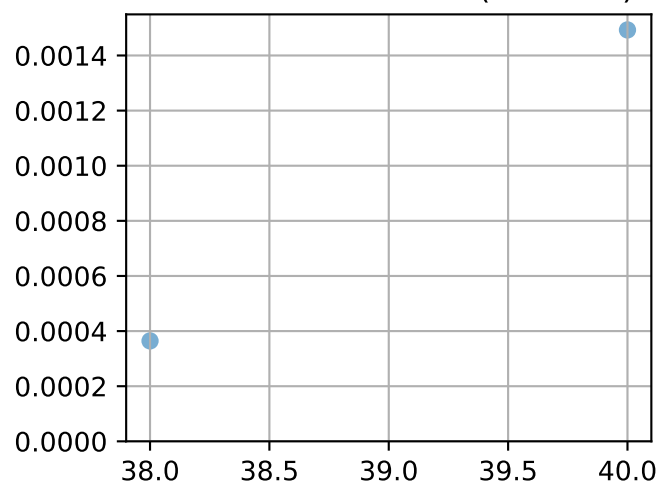
P10AW-041-24T1Fr1 (fit failed)



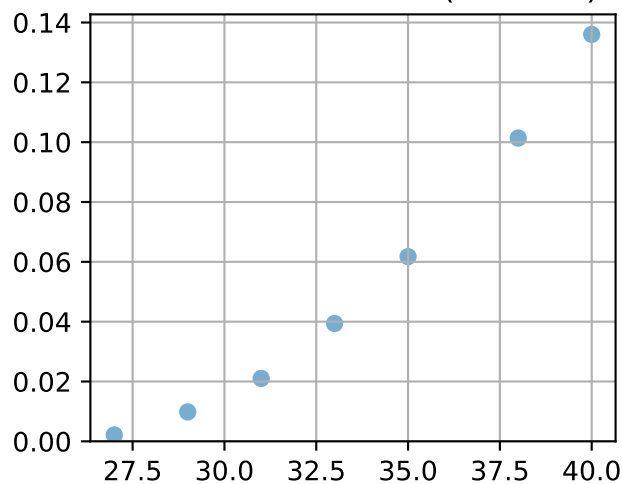
P10AW-041-24T1Fr5 (fit failed)



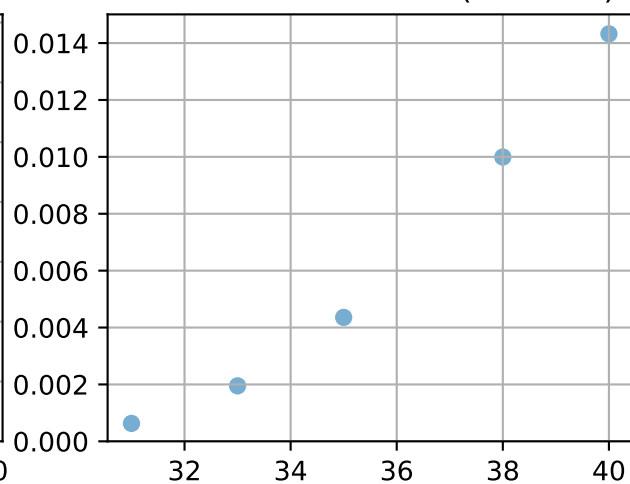
P10AW-041-24T2Fr1 (fit failed)



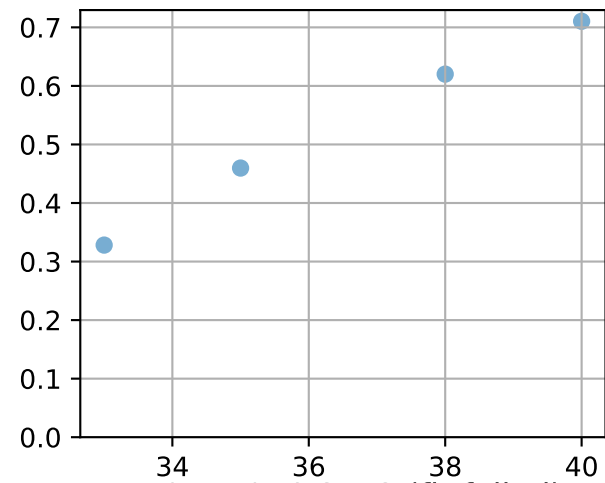
P10AW-054-10T1Fr1 (fit failed)



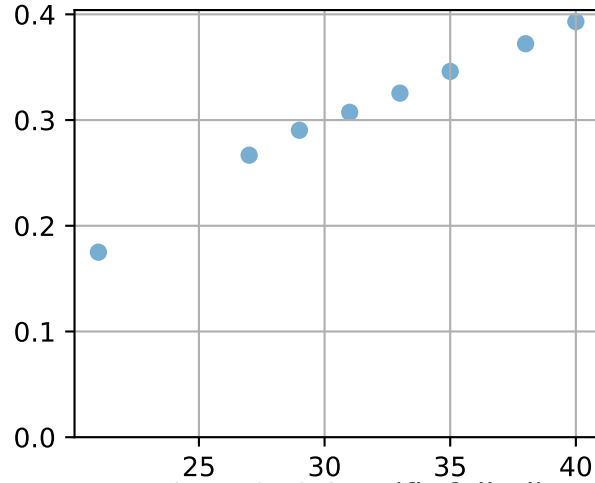
P10AW-054-10T1Fr5 (fit failed)



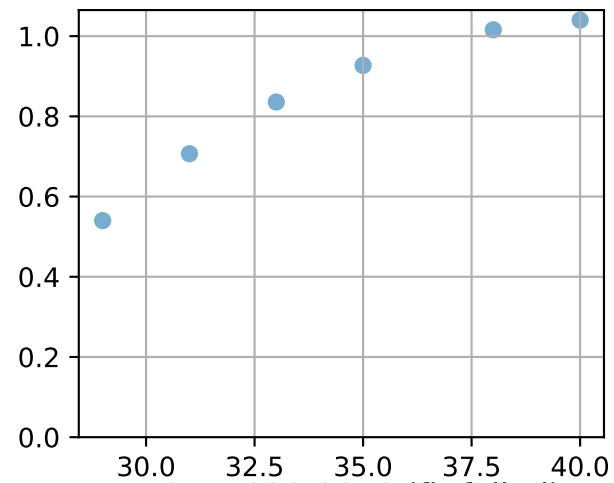
P10AW-003-11L11 (fit failed)



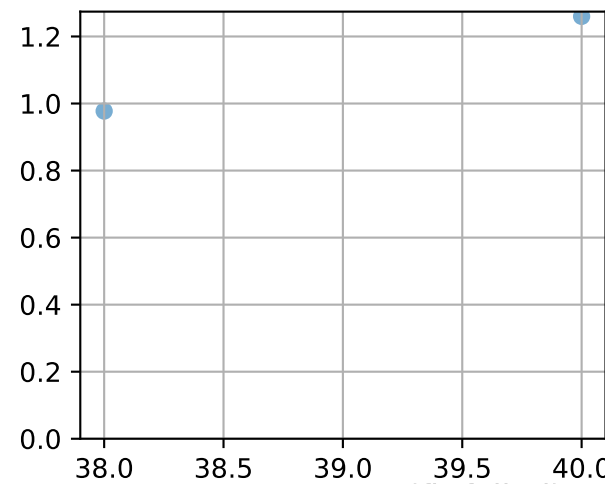
P10AW-003-11L6 (fit failed)



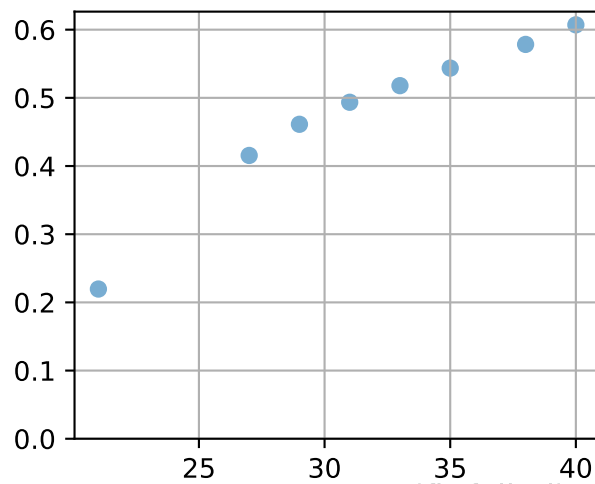
P10AW-016-3L10 (fit failed)



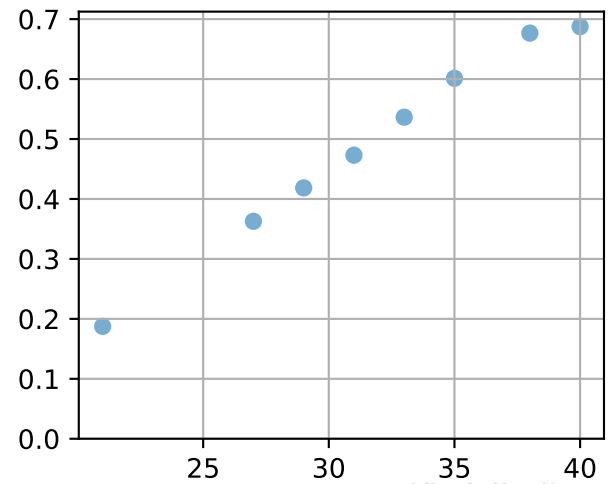
P10AW-016-3L13 (fit failed)



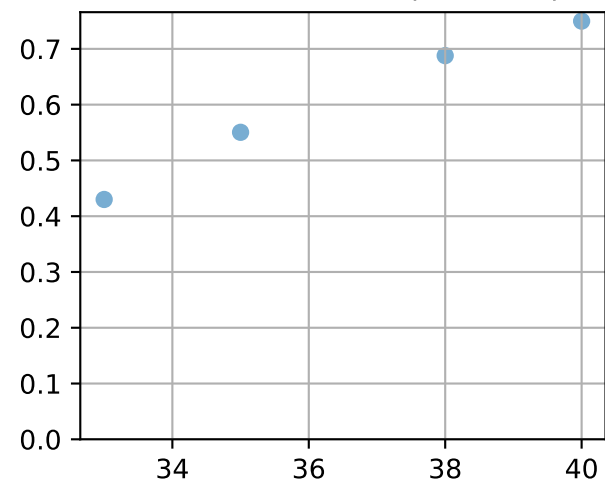
P10AW-016-3L7 (fit failed)



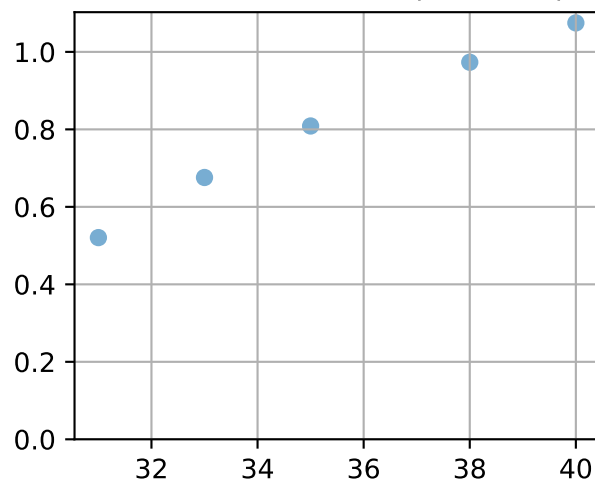
P10AW-029-30L6 (fit failed)



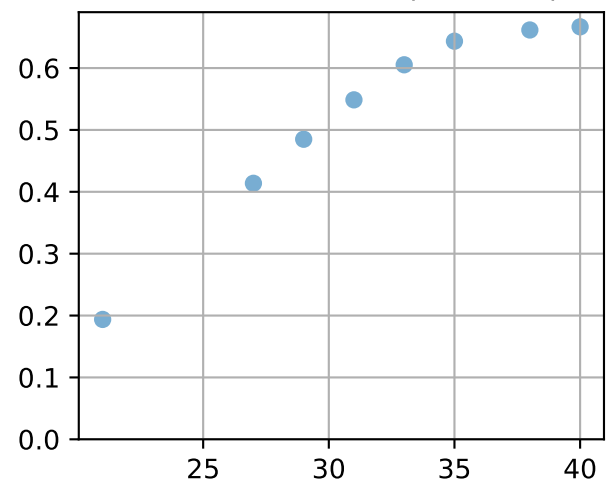
P10AW-029-30L9 (fit failed)



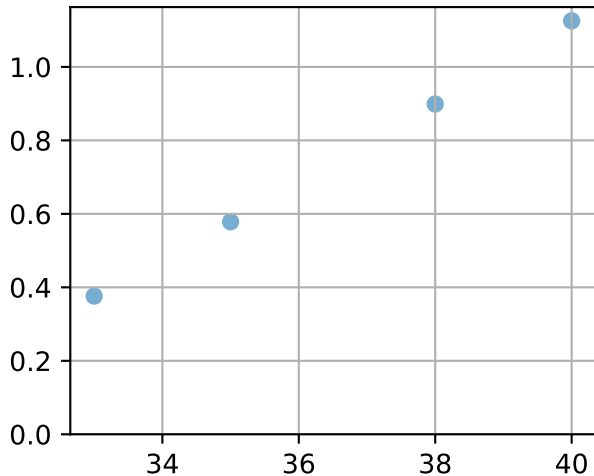
P10AW-041-24L10 (fit failed)



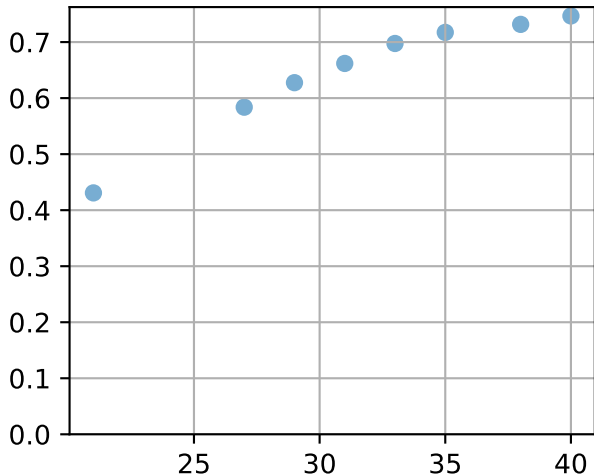
P10AW-041-24L7 (fit failed)



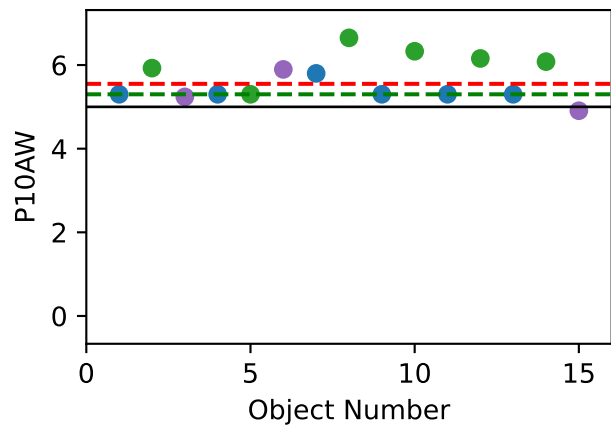
P10AW-054-10L10 (fit failed)



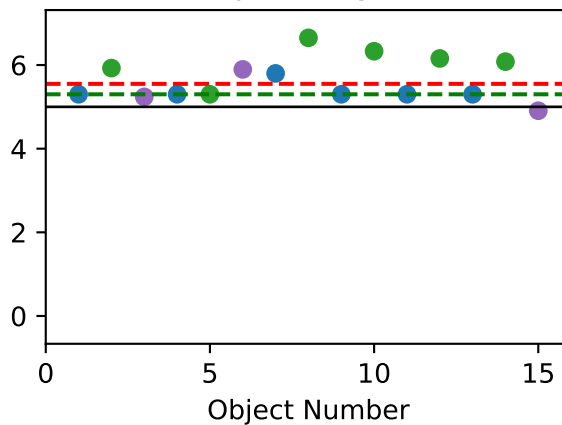
P10AW-054-10L6 (fit failed)



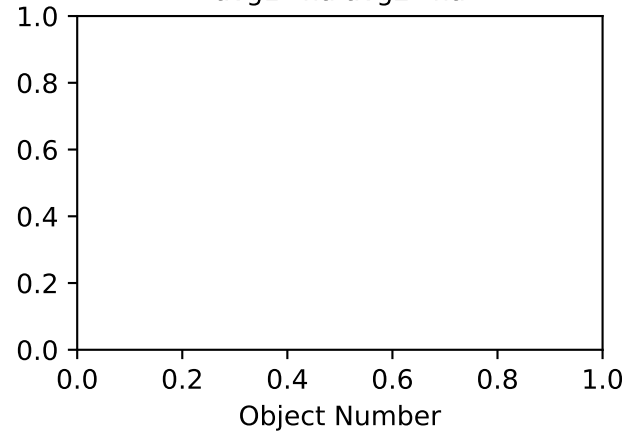
Fl_dm (Def=5 Set=5.55)
avg1=5.55~9% avg2=5.3~11%



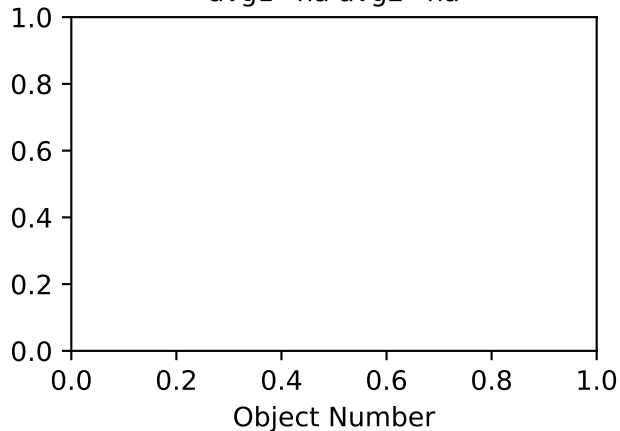
Fl_de (Def=5 Set=5.55)
avg1=5.55~9% avg2=5.3~11%



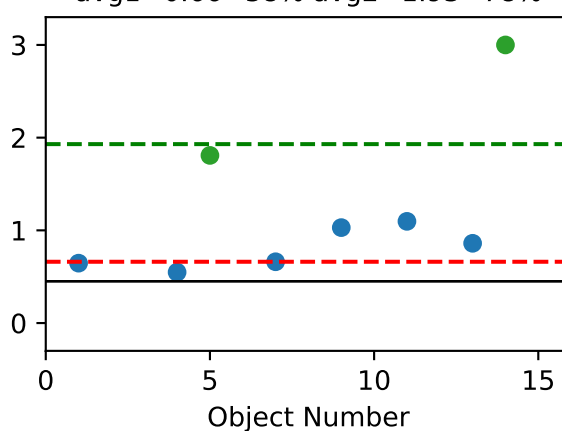
FrV_dm (Def=18 Set=18)
avg1=na avg2=na



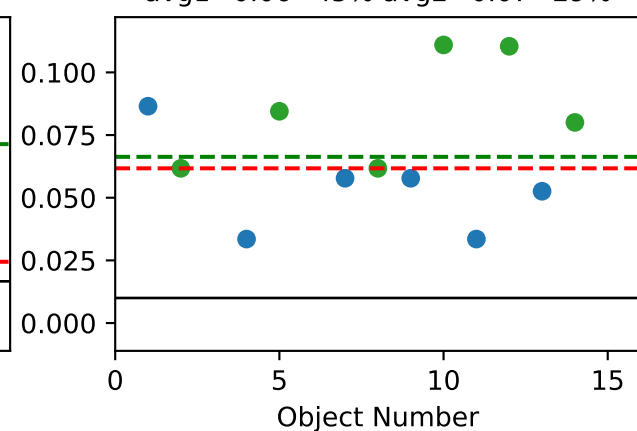
FrV_de (Def=15 Set=15)
avg1=na avg2=na



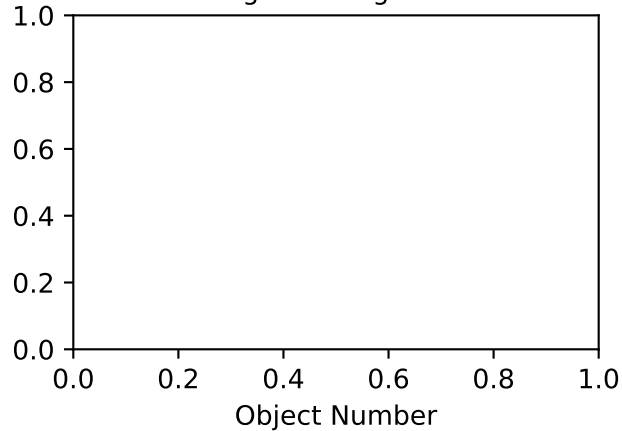
FrN_a (Def=0.45 Set=0.66)
avg1=0.66~38% avg2=1.93~78%



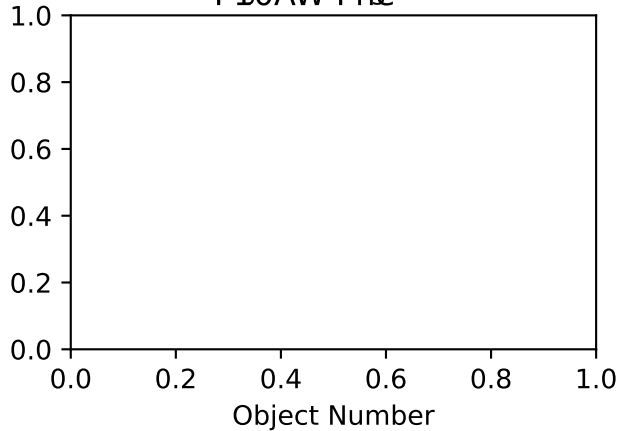
FSDdevStage (Def=0.01 Set=0.06)
avg1=0.06~45% avg2=0.07~29%



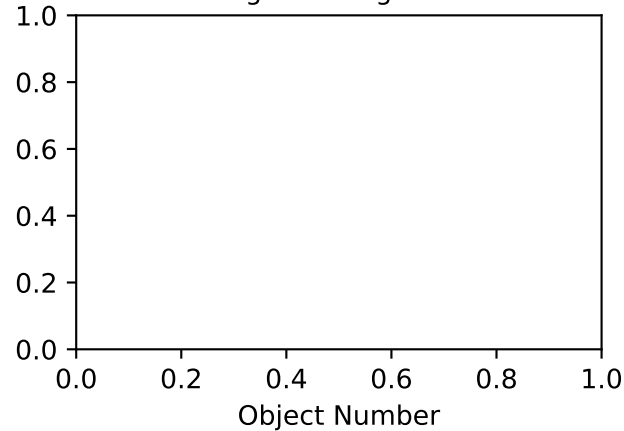
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



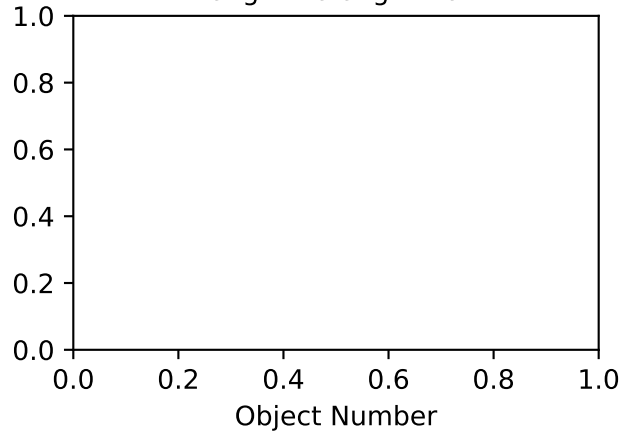
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



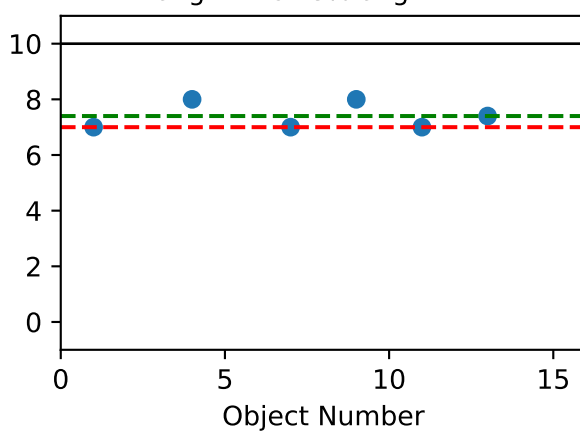
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

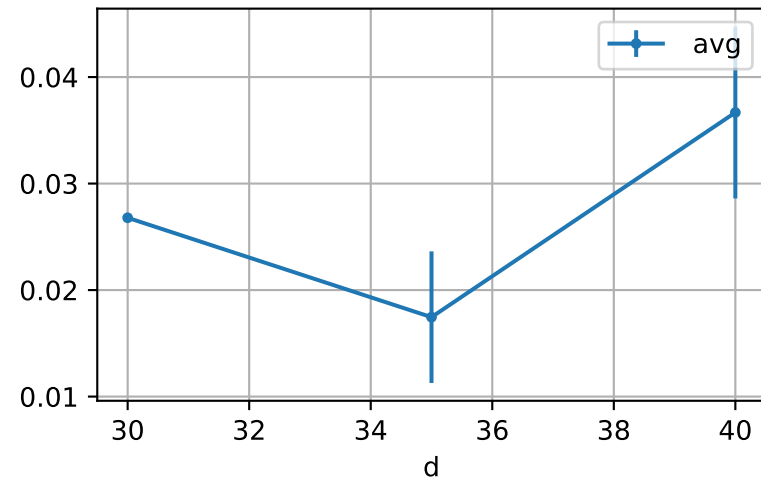


NNgen (Def=10 Set=7)
avg1=7.0~8% avg2=7.4

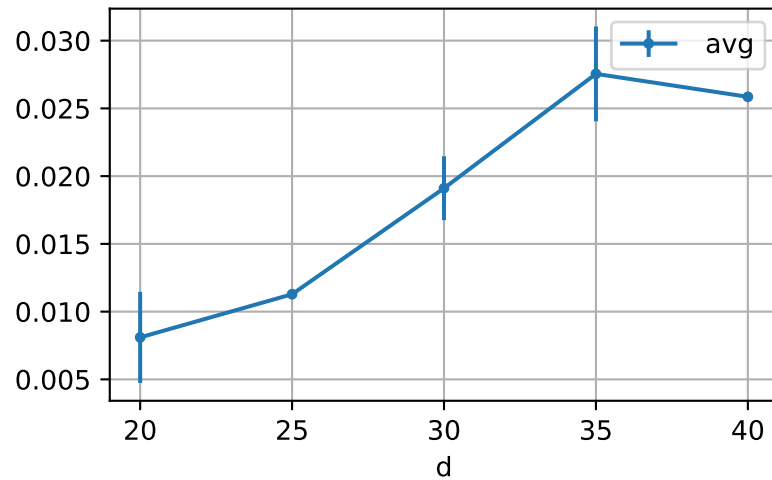


LfA: avg vs. d at each age group

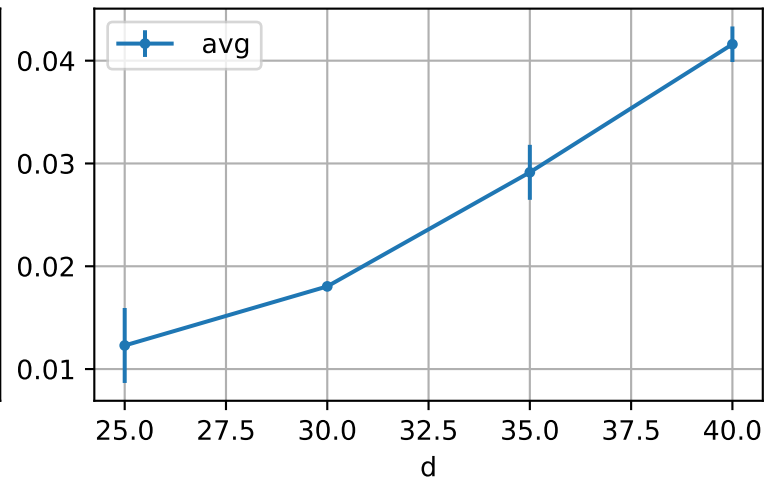
age=20



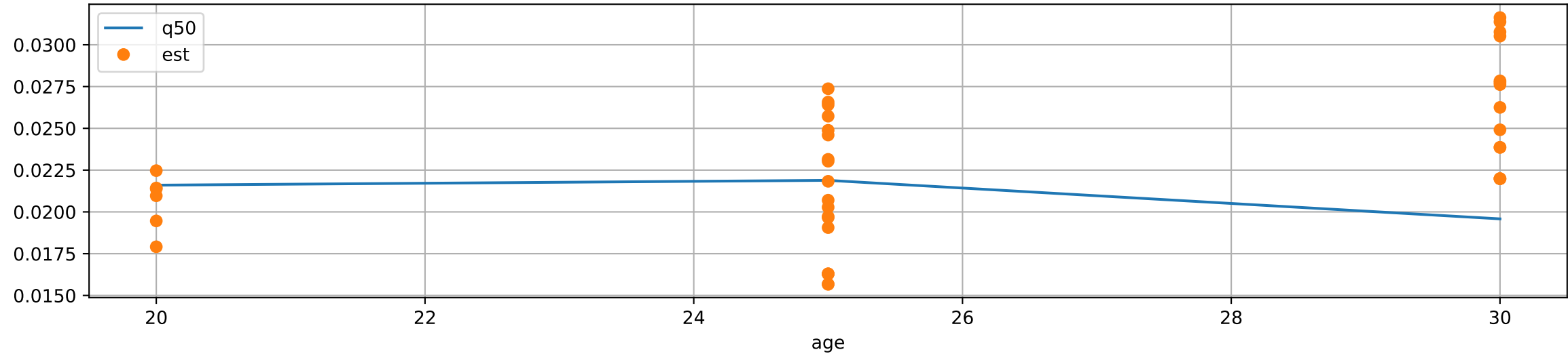
age=25



age=30

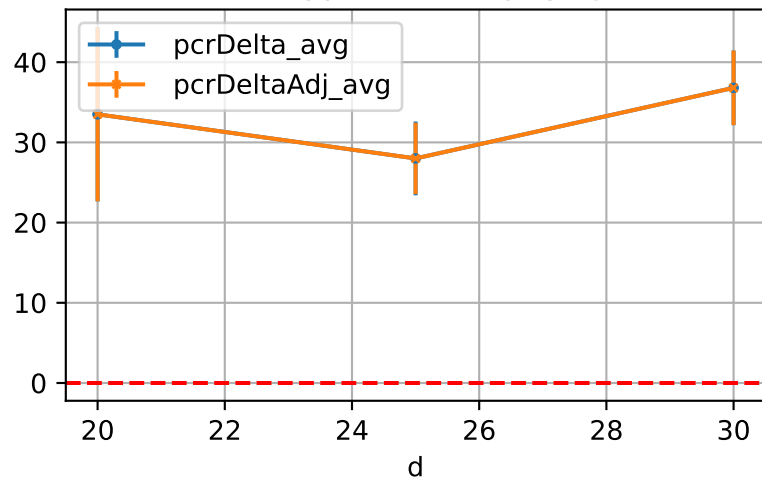


LfA: model est vs obsOv@Q50

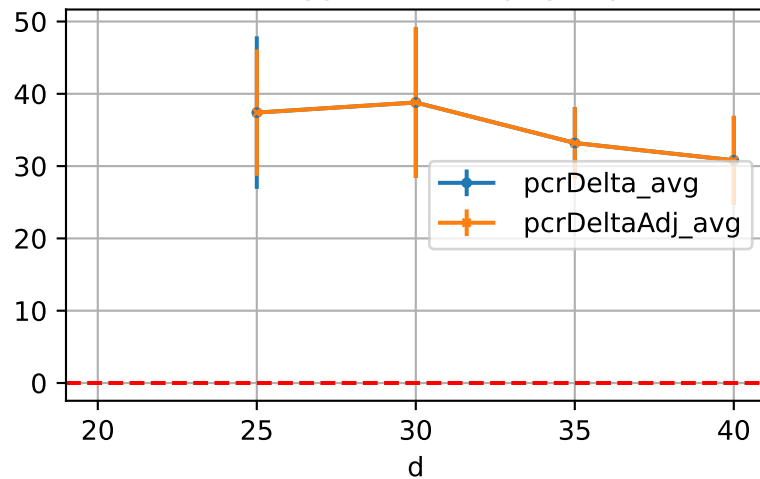


P10AW LfA: D_5d_LfA

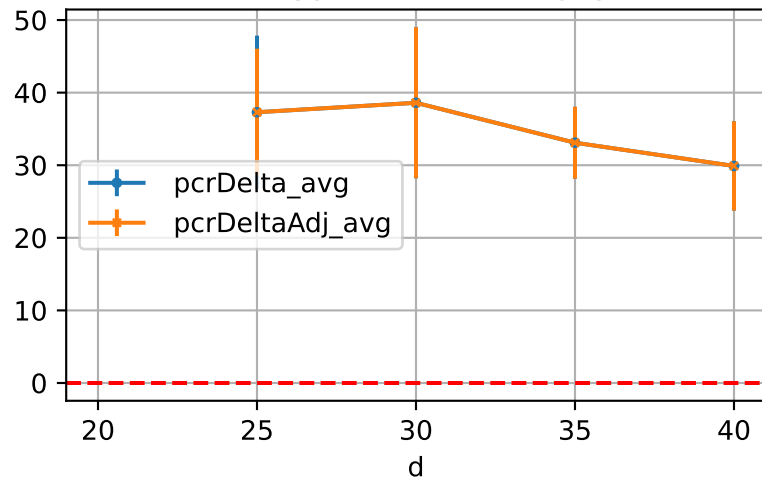
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

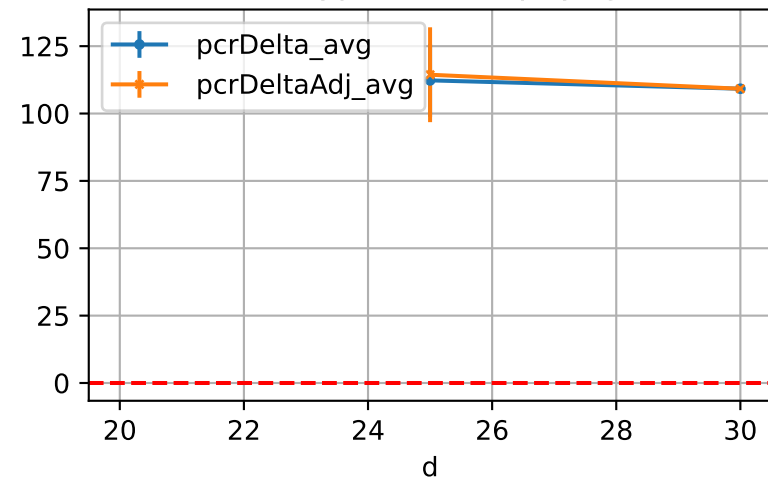


DeltaTypeAbbr=WeiAvgByD

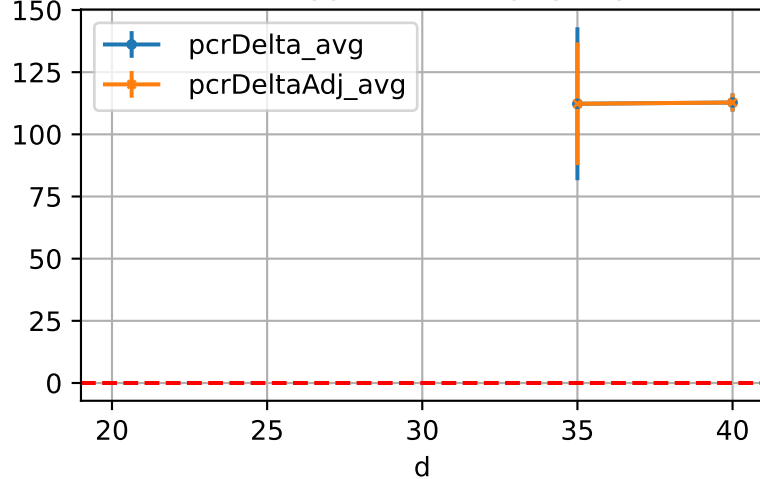


P10AW LfA: D_15d_LfA

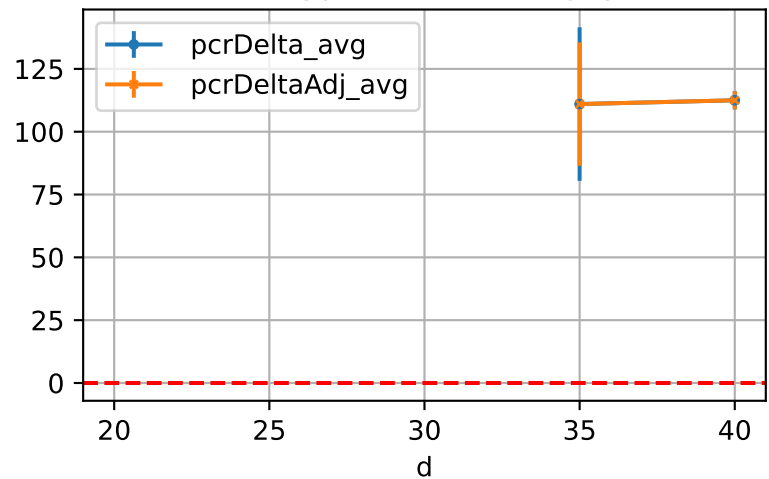
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

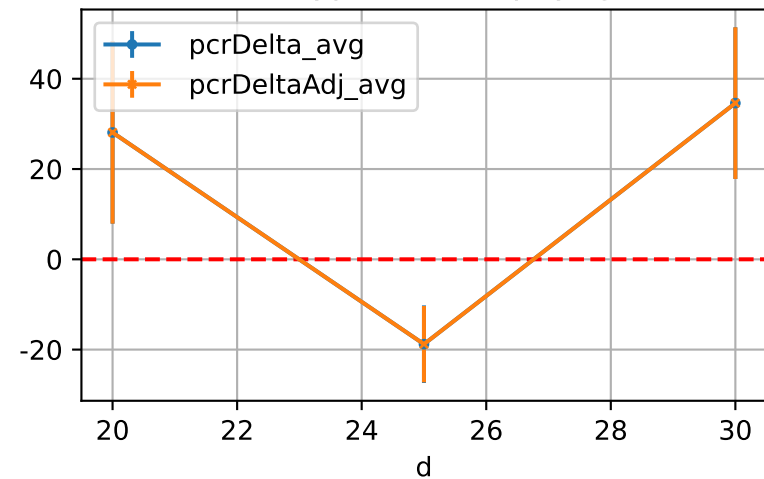


DeltaTypeAbbr=WeiAvgByD

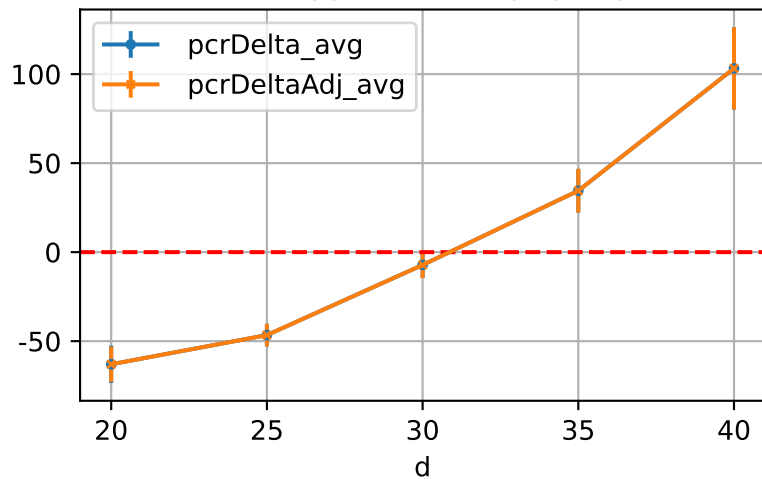


P10AW LfA: D_Q50_LfA

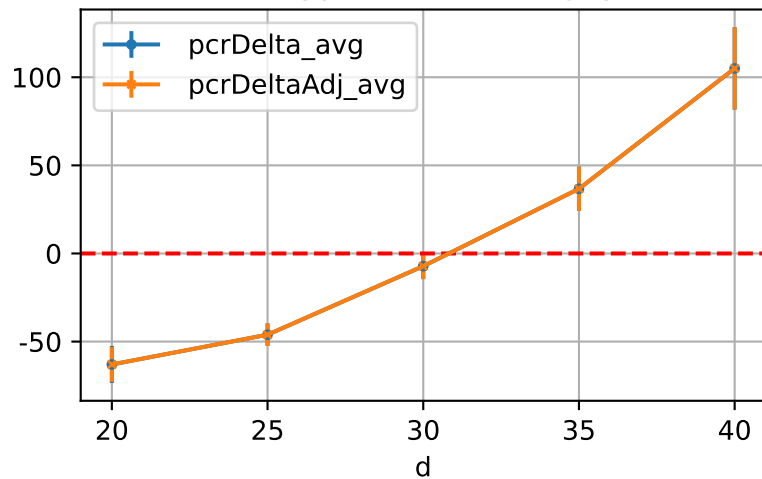
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

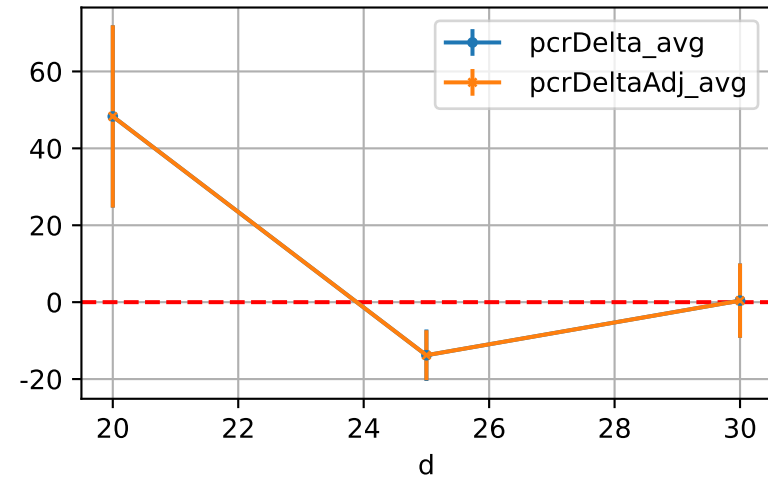


DeltaTypeAbbr=WeiAvgByD

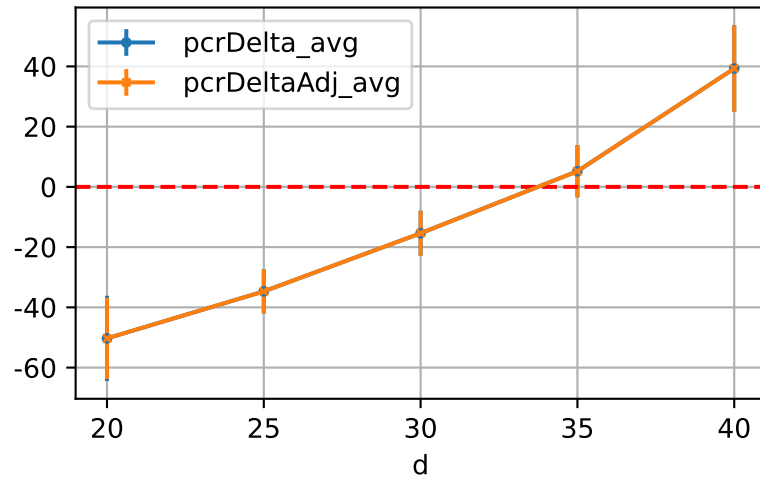


P10AW LfA: D_Est_LfA

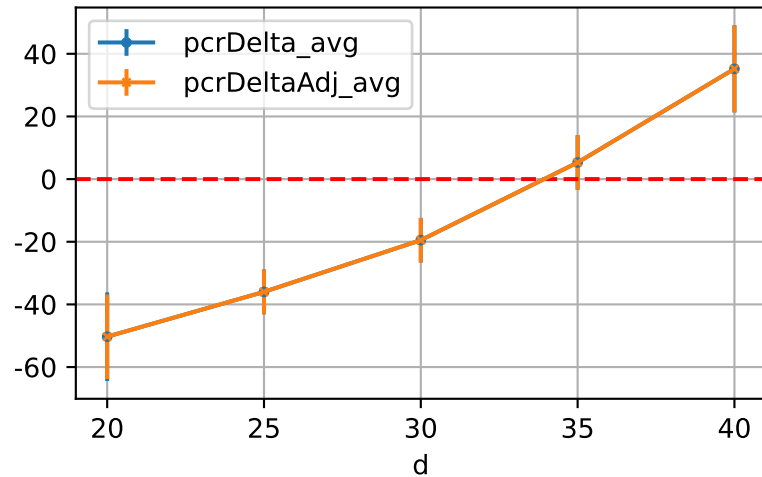
DeltaTypeAbbr=GrpByAge



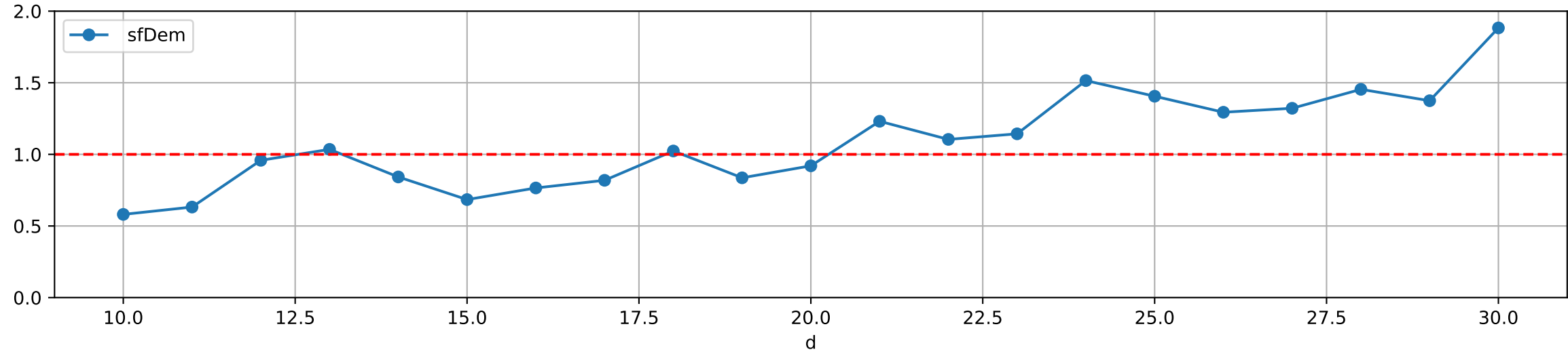
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD



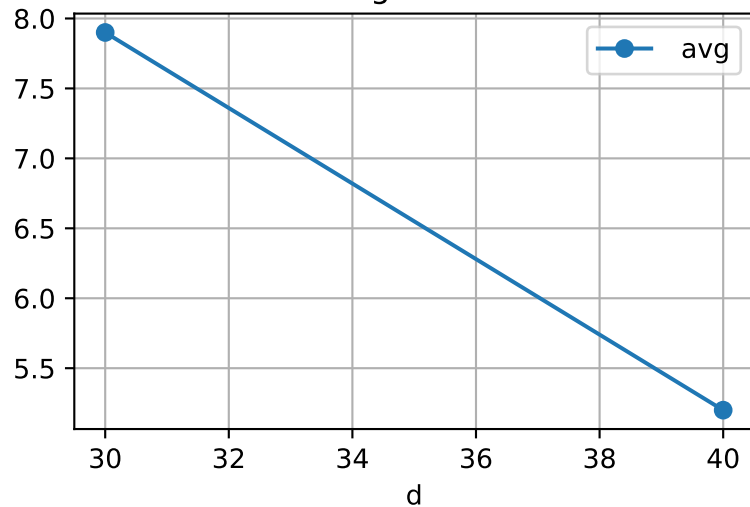
LfA: sfDem



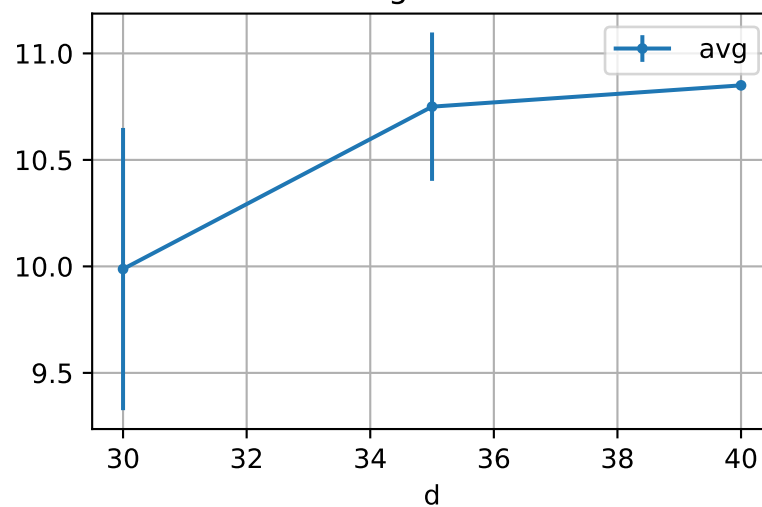


NdD: avg vs. d at each age group

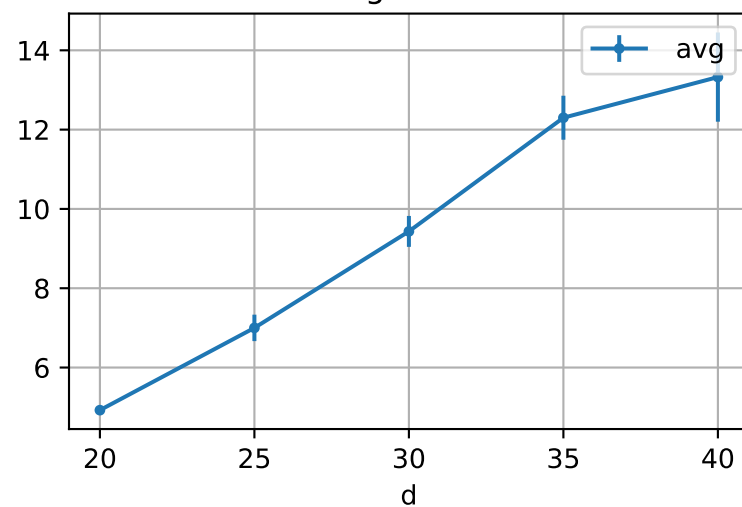
age=15



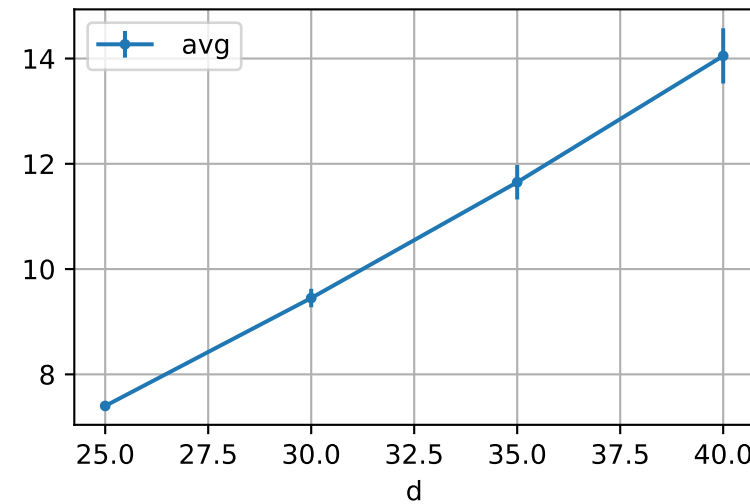
age=20



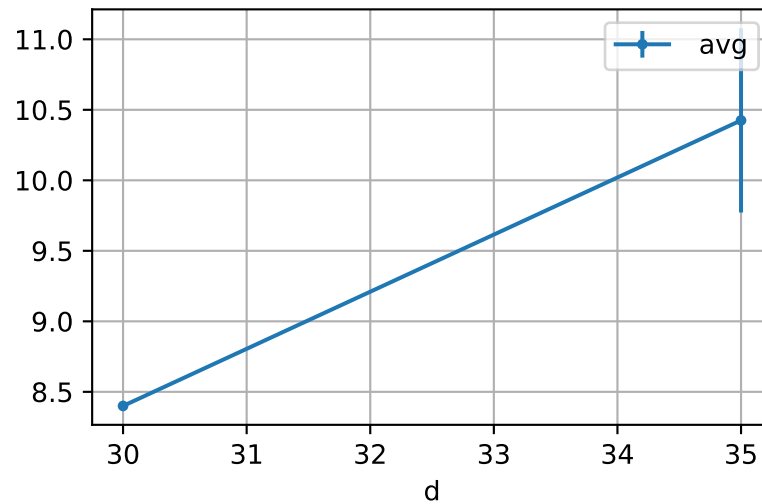
age=25



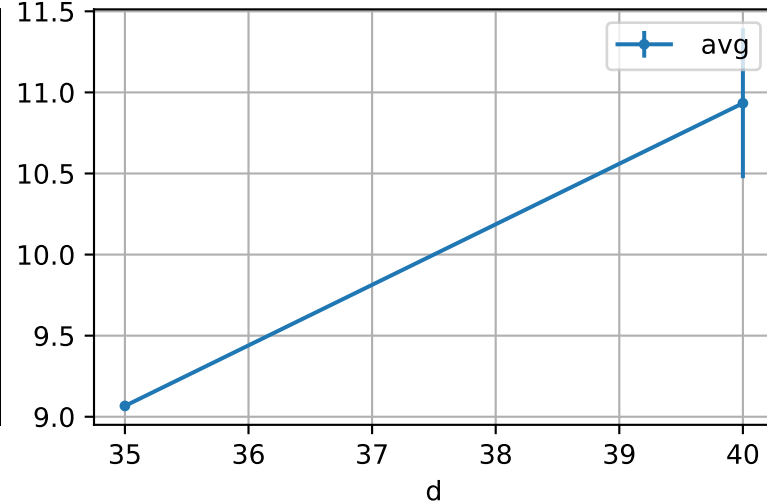
age=30



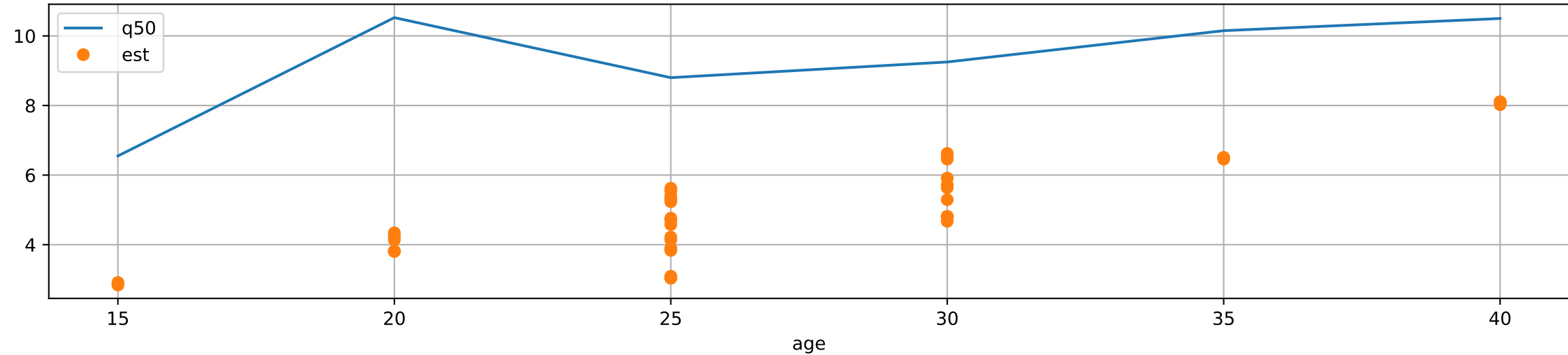
age=35



age=40

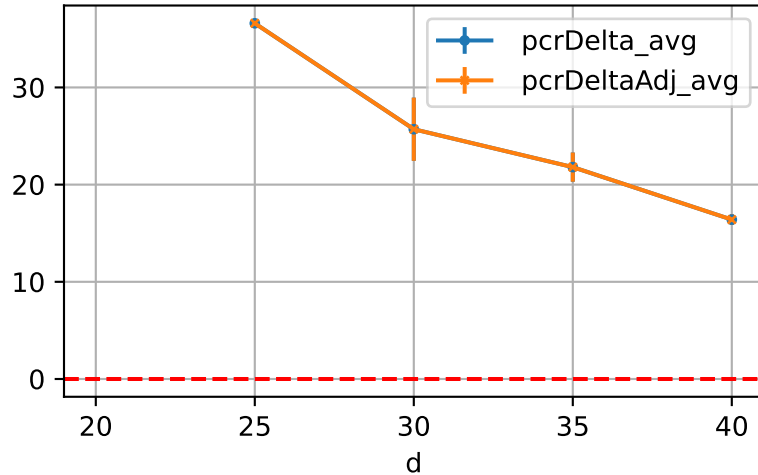


NdD: model est vs obsOv@Q50

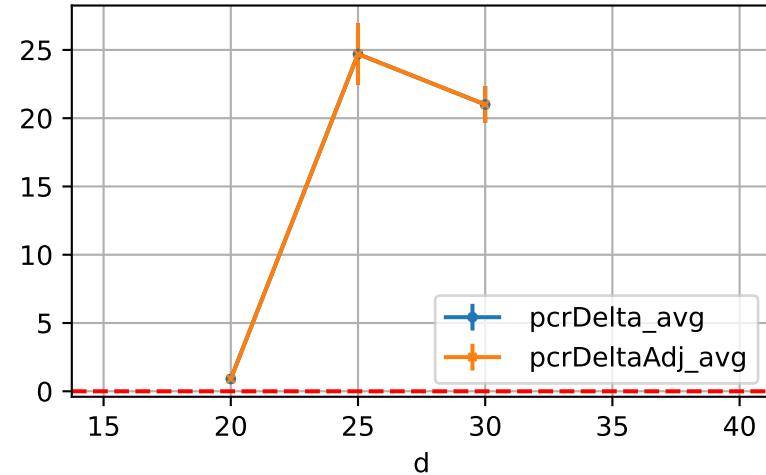


P10AW NdD: D_5d_NdD

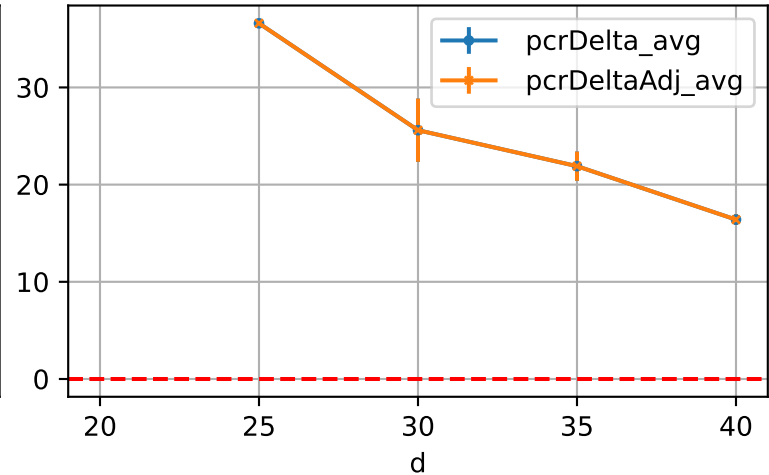
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

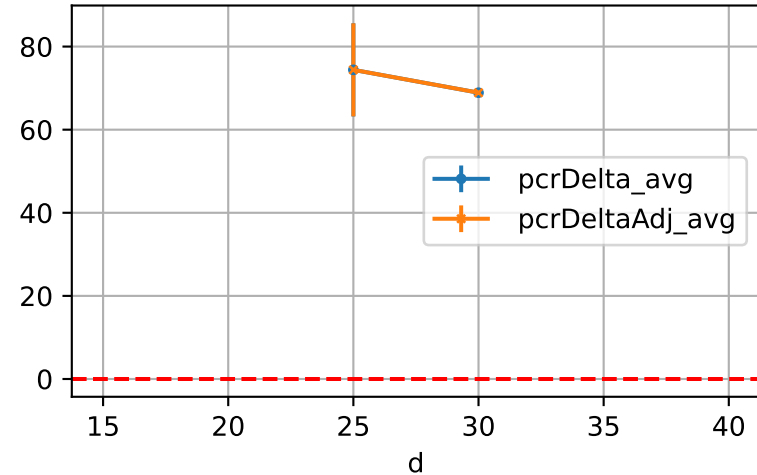


DeltaTypeAbbr=WeiAvgByD

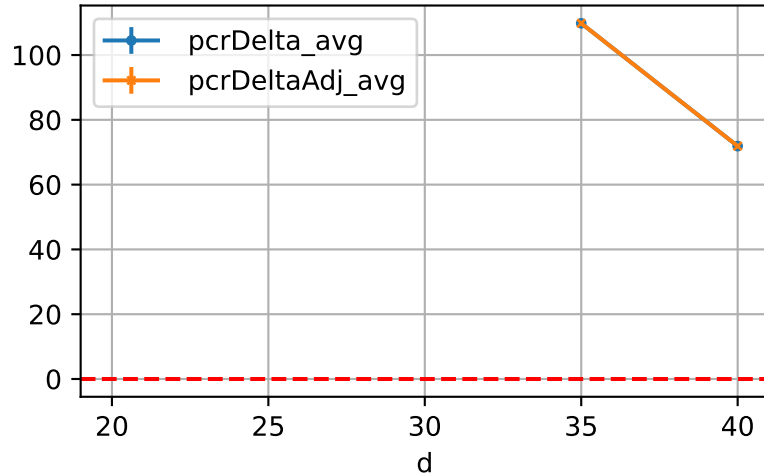


P10AW NdD: D_15d_NdD

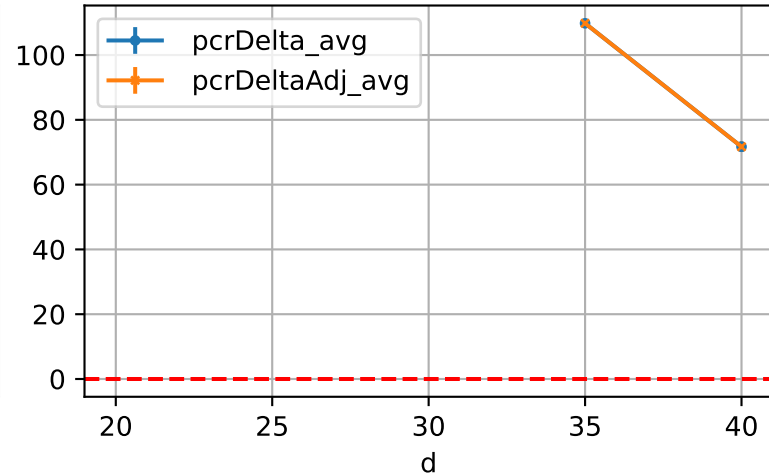
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

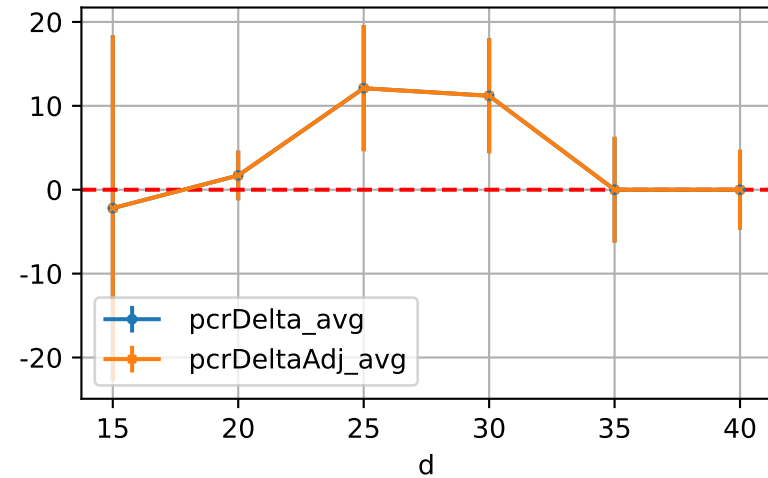


DeltaTypeAbbr=WeiAvgByD

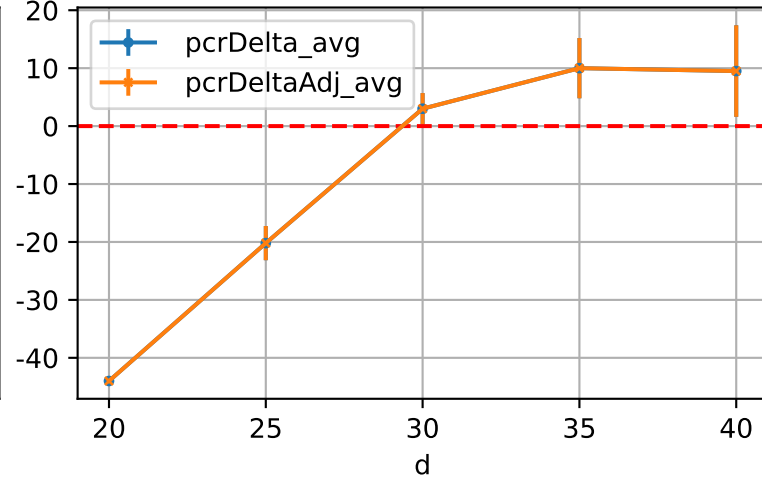


P10AW NdD: D_Q50_NdD

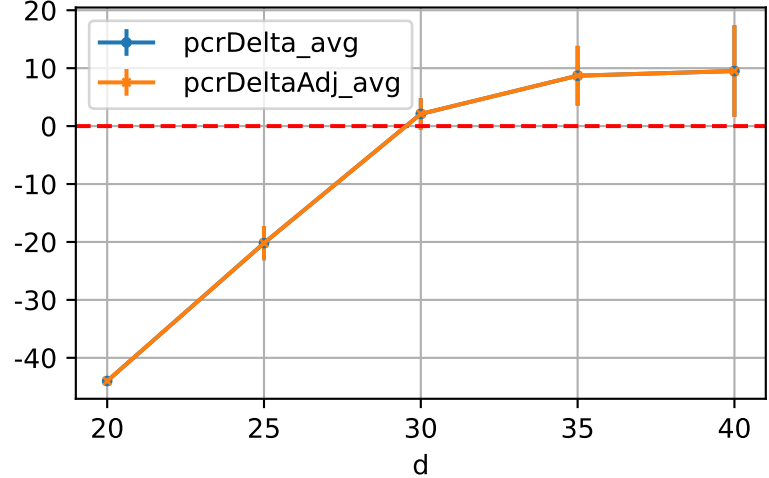
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

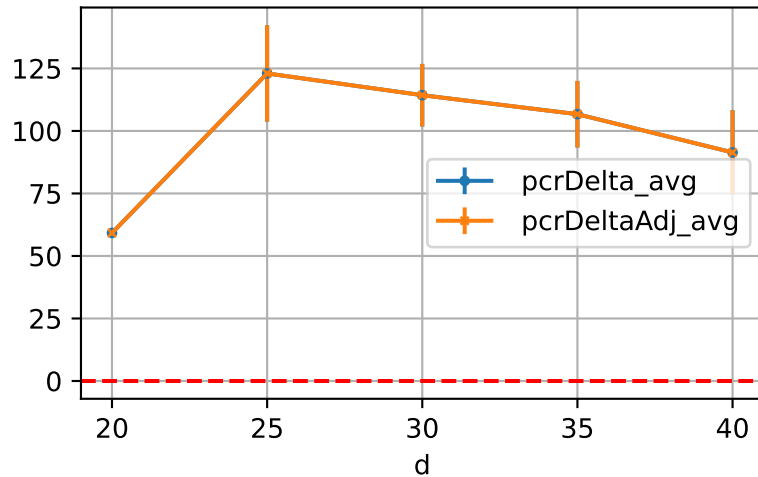


DeltaTypeAbbr=WeiAvgByD

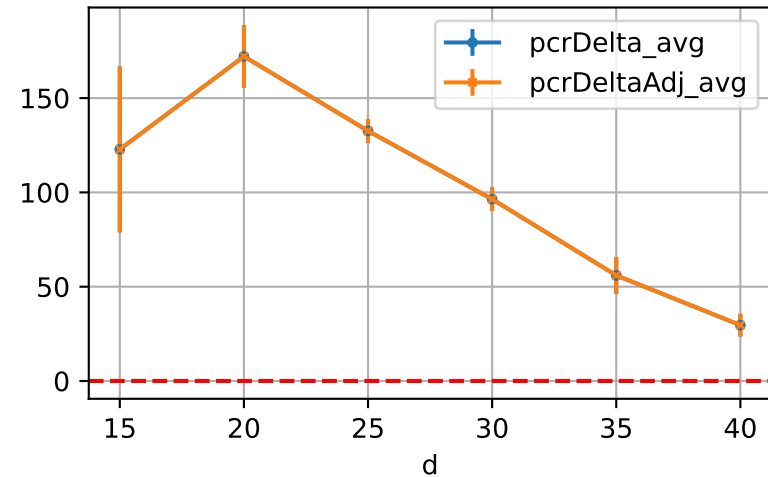


P10AW NdD: D_Est_NdD

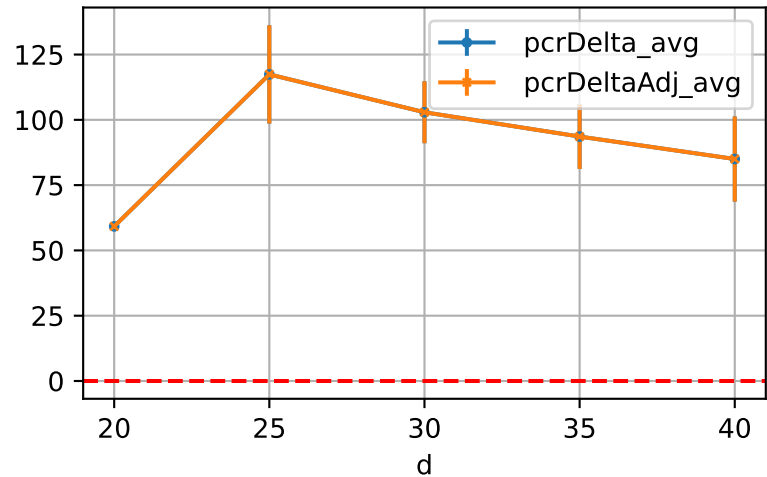
DeltaTypeAbbr=GrpByDay



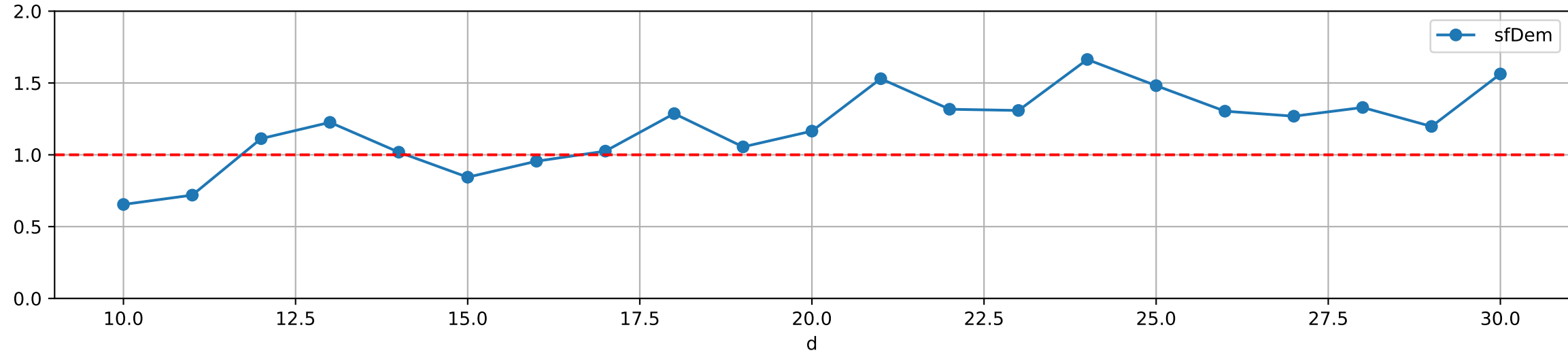
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=WeiAvgByD

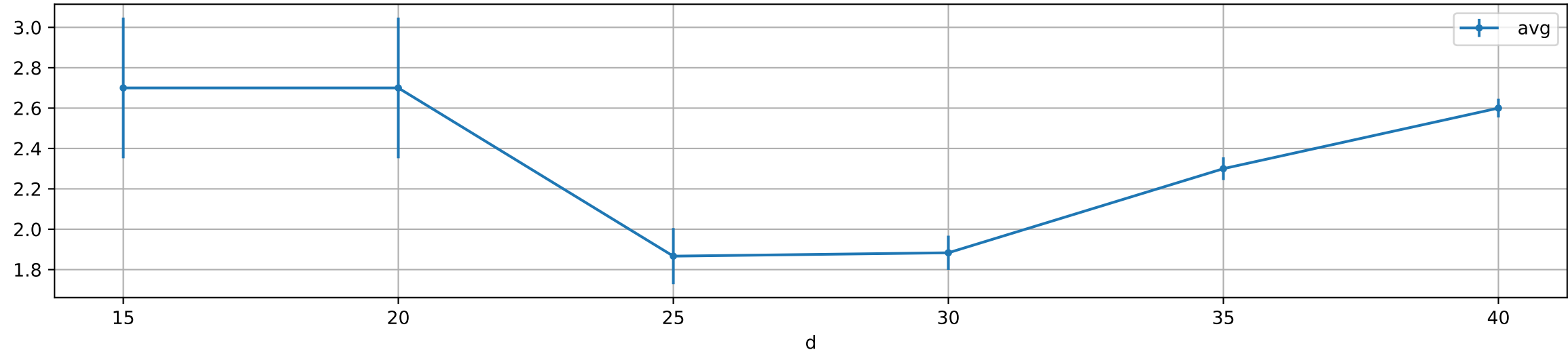


NdD: sfDem

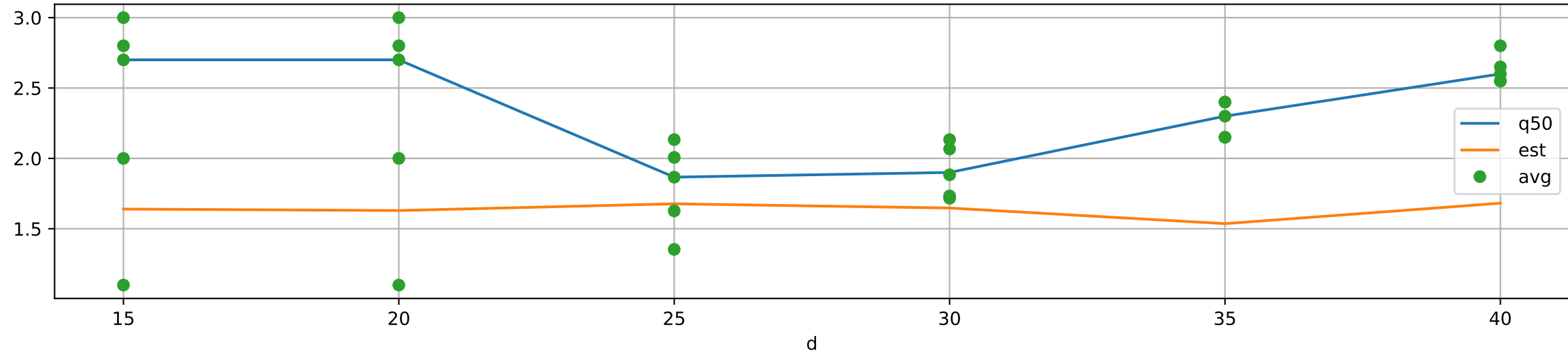




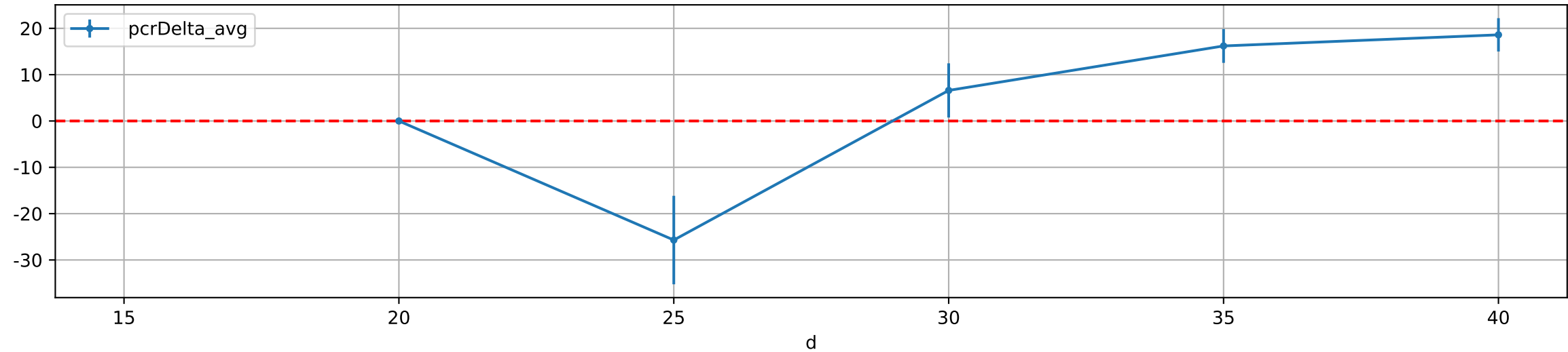
dStH: avg vs. d



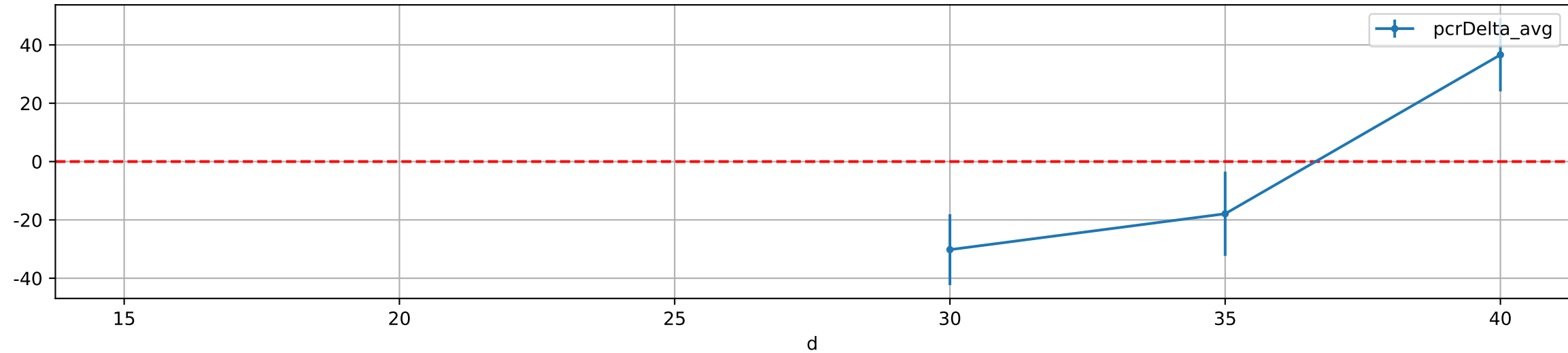
dStH: obsAvg vs obsOv@Q50



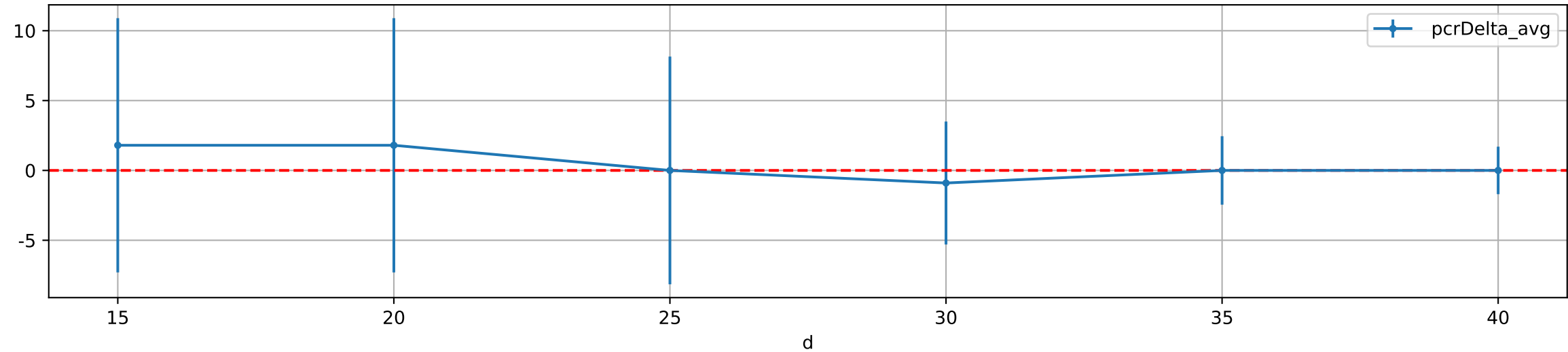
dStH: D_5d_StH



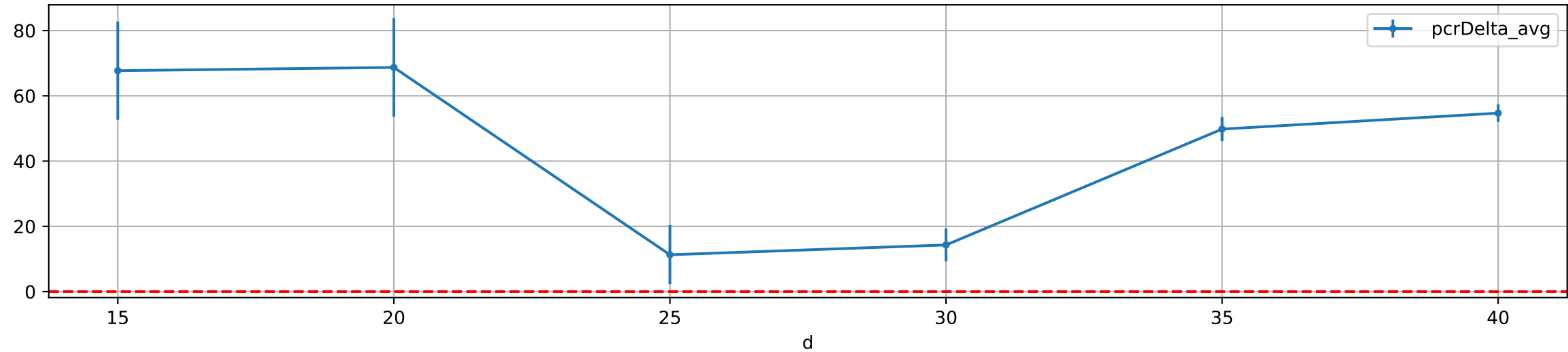
dStH: D_15d_StH



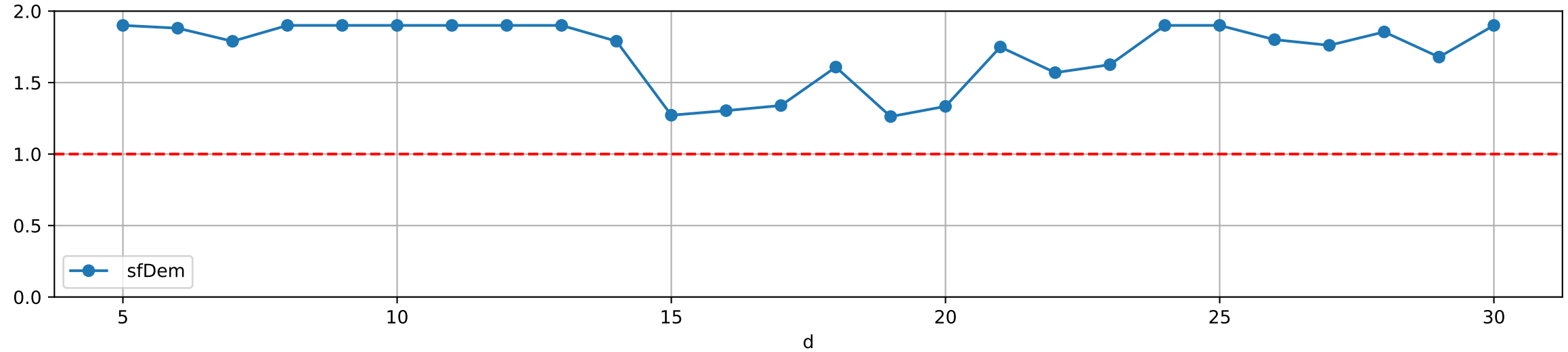
dStH: D_Q50_StH



dStH: D_Est_StH

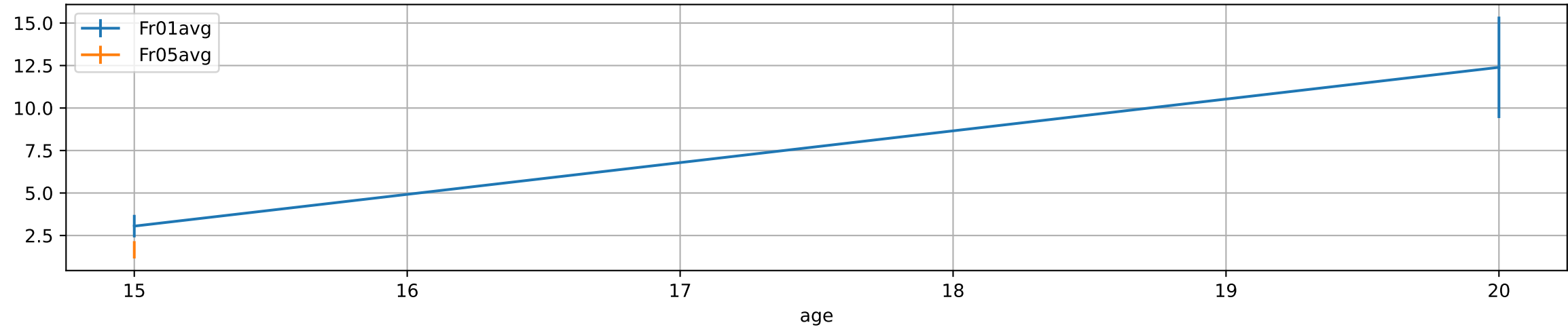


dStH: sfDem



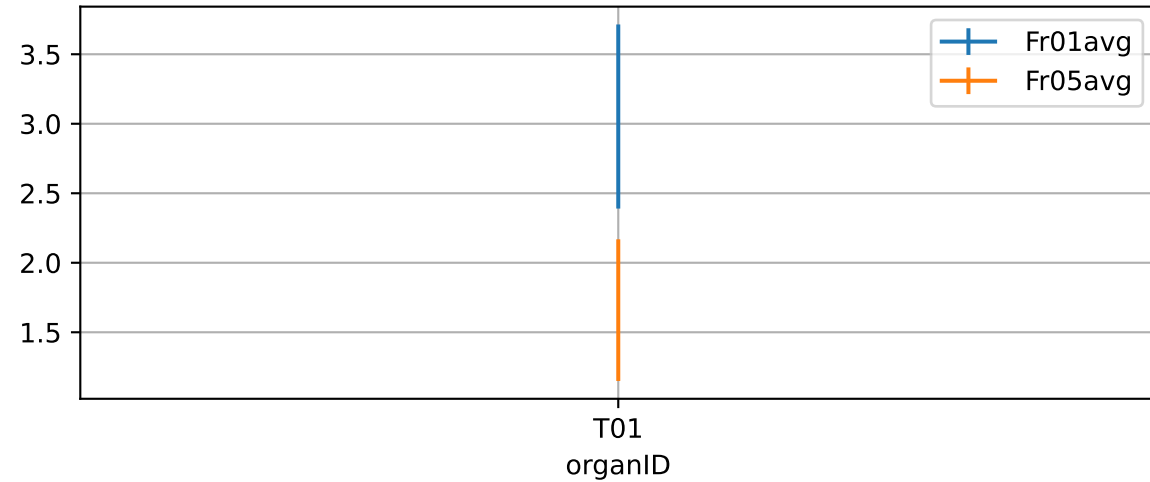


FrV: Fr01 vs Fr05 at each truss
organID=T01

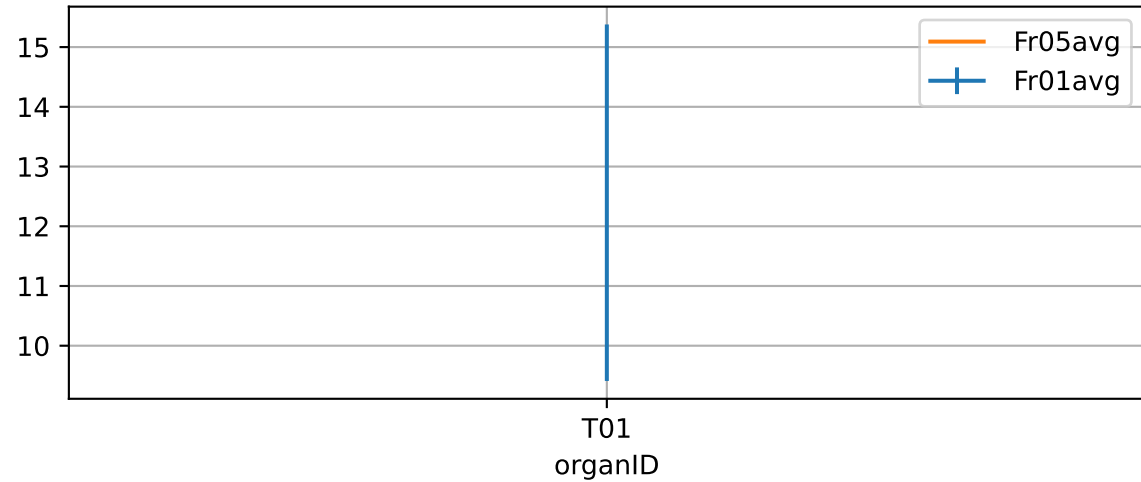


FrV trend at each age

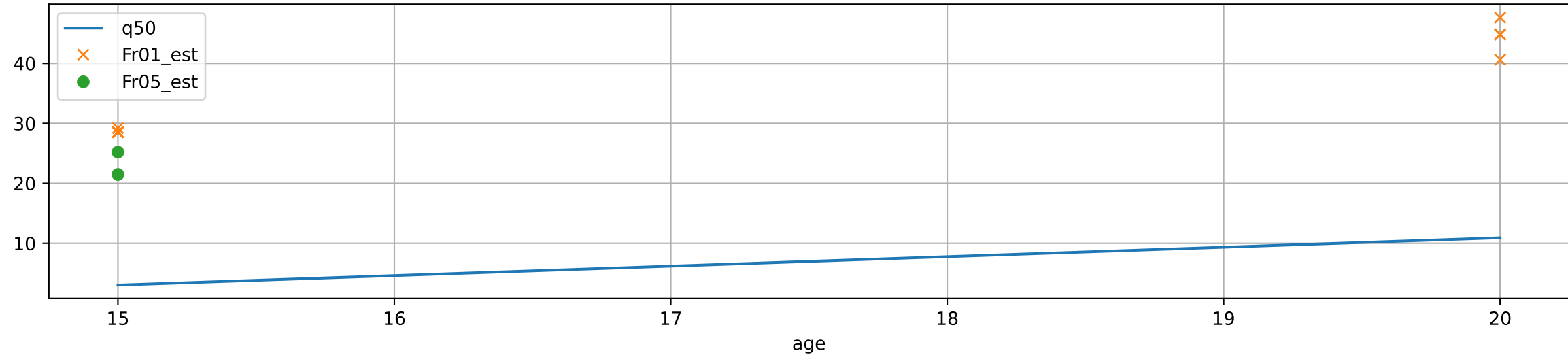
age=15



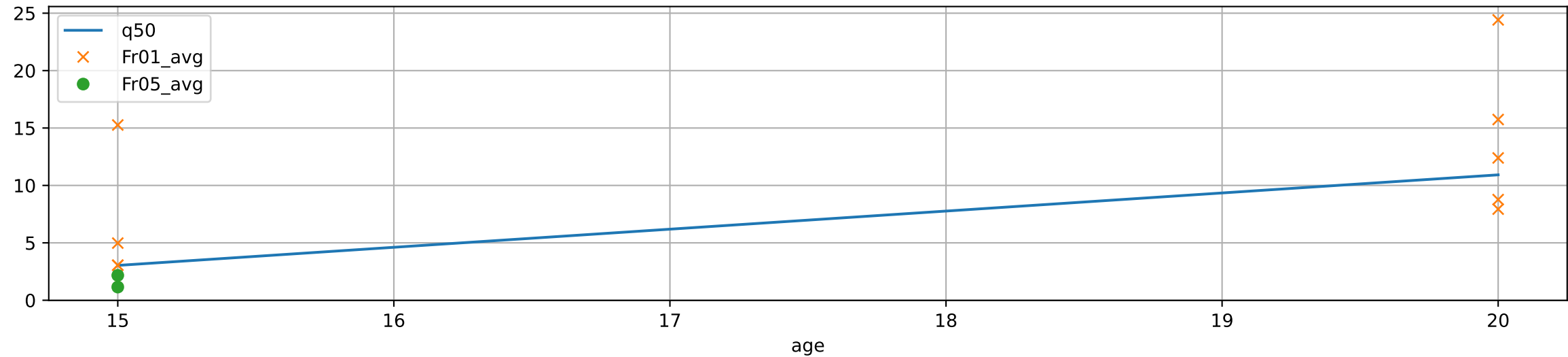
age=20



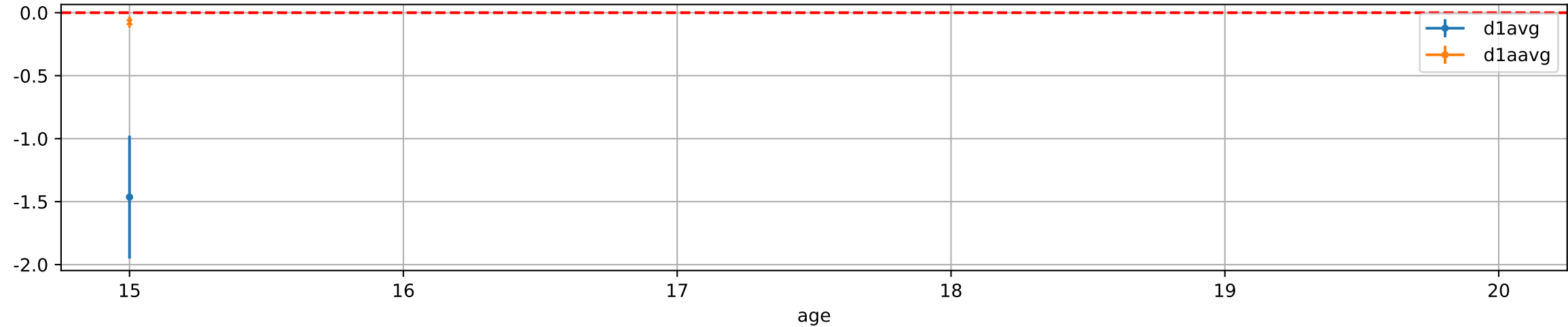
FrV: model Est vs obsFrV at Q90



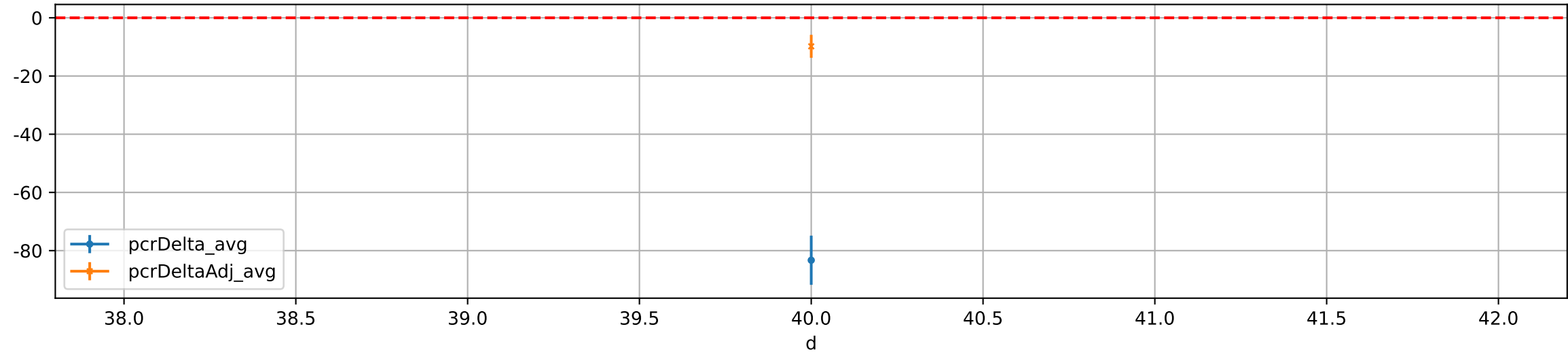
FrV: obsFrV vs obsFrV@Q90



FrV: D_Fr1_FrV
organID=1

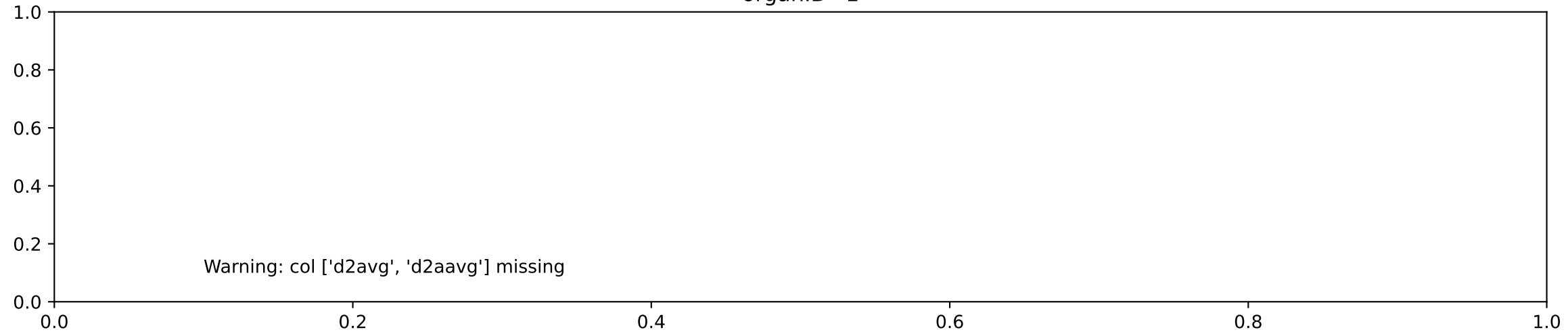


P10AW FrV: D_Fr1_FrV

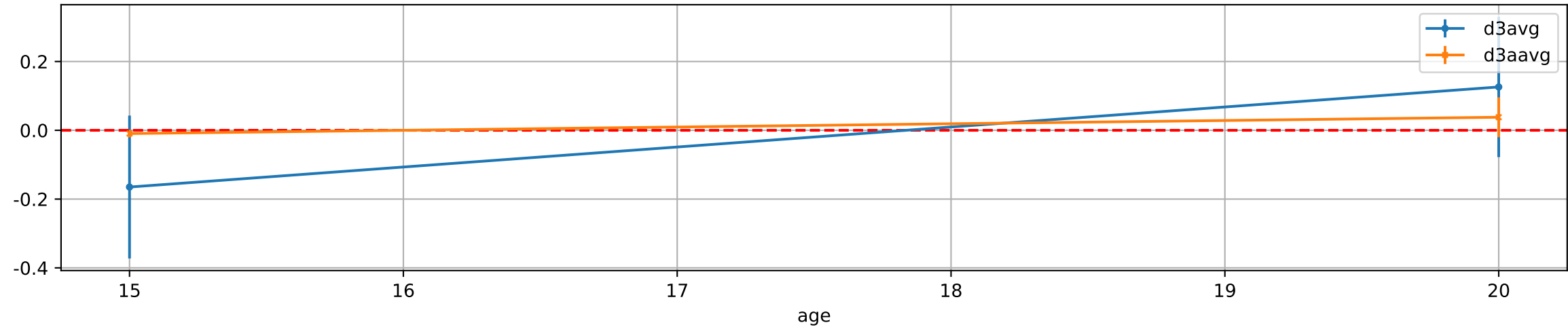


FrV: D_Ts_FrV
organID=1

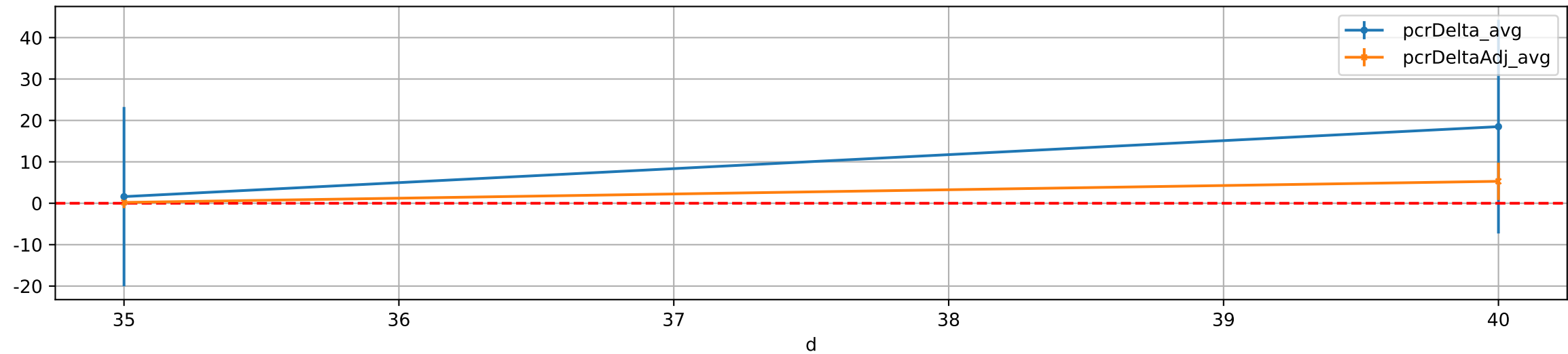
Warning: col ['d2avg', 'd2aavg'] missing



FrV: D_Q50_FrV
organID=1



P10AW FrV: D_Q50_FrV



FrV: D_Est_FrV
organID=1

