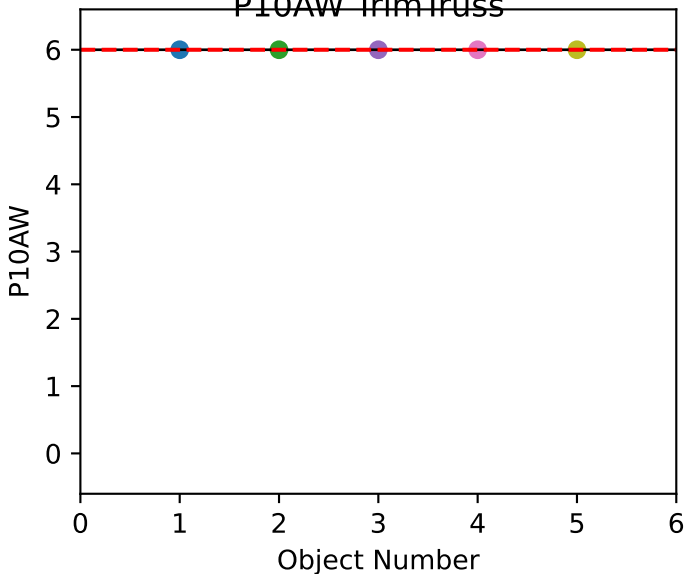


Phenotype Data Analysis Plots
PhenoData day range = 10 - 33
Analysis cutoff day = 33
NC11 P10
2025-05-05 (Day 35)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

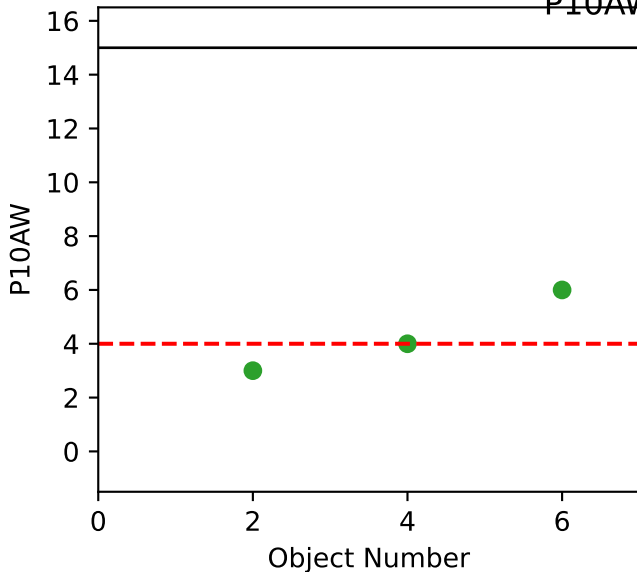
P10AW Trim Truss



FruitNumAvgPerTruss (Def=15 Set=4)

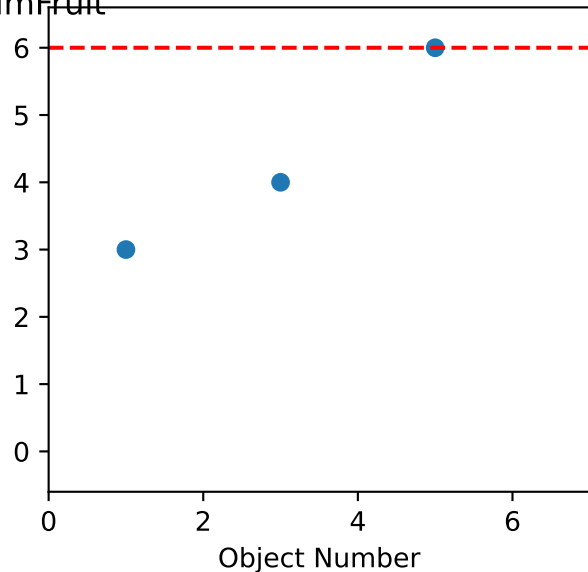
avg1=4.0~38% avg2=na

P10AW TrimFruit

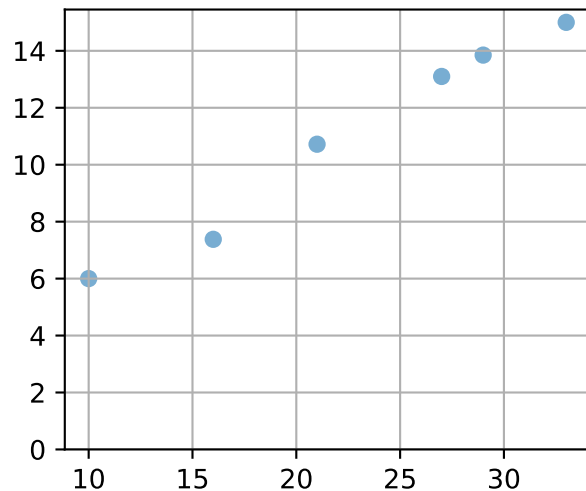


FruitNumMaxPerTruss (Def=na Set=6)

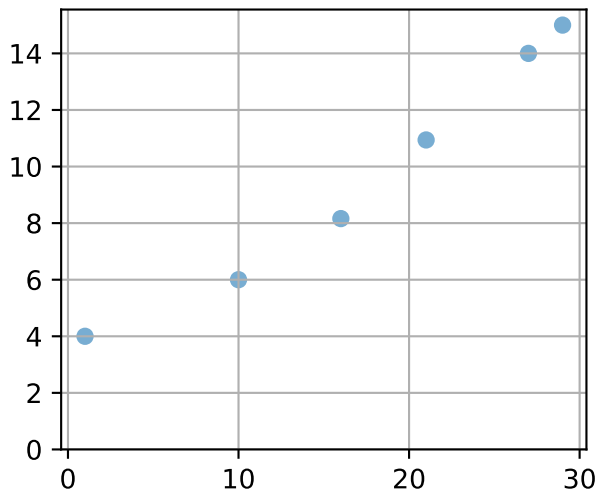
avg1=6.0~27% avg2=na



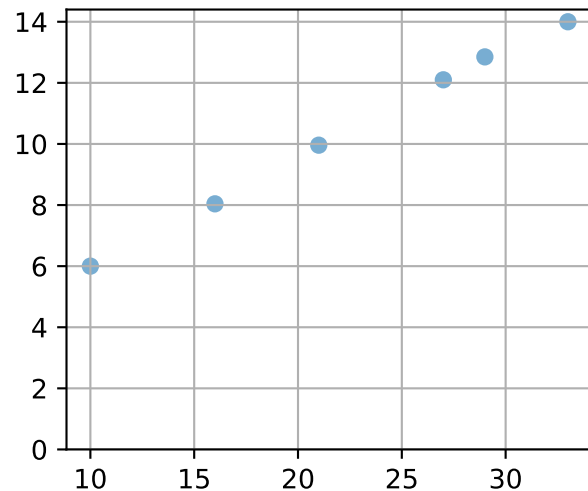
P10AW-003-11 (fit failed)



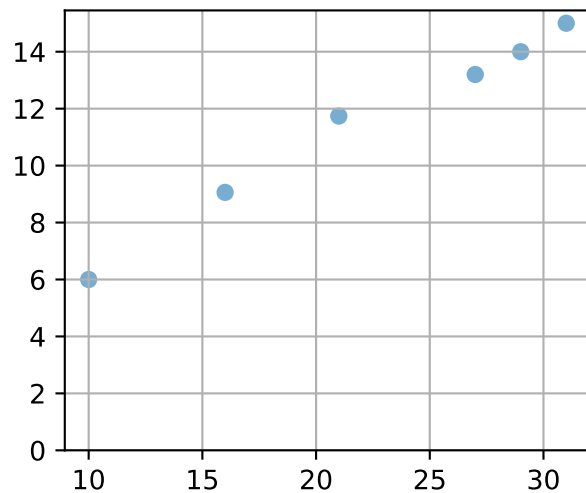
P10AW-016-13 (fit failed)



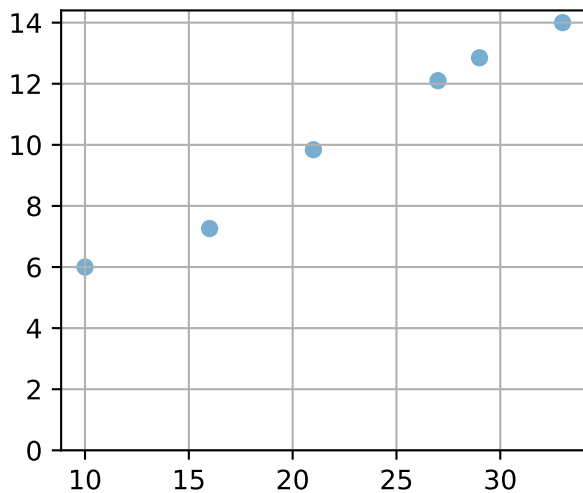
P10AW-029-30 (fit failed)



P10AW-041-24 (fit failed)

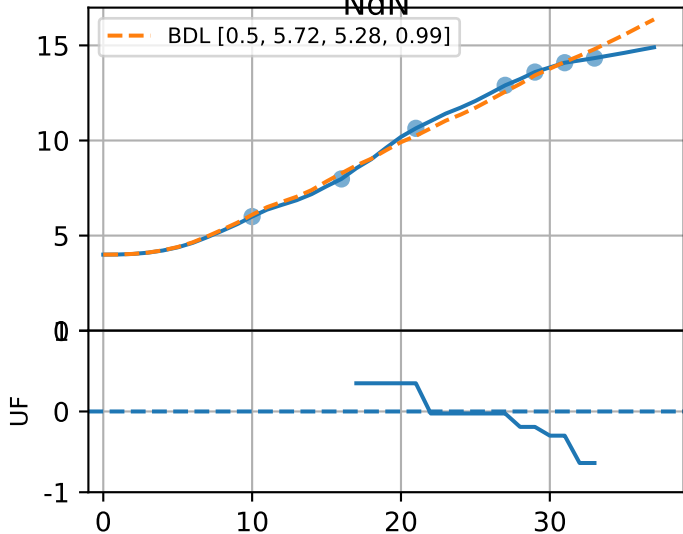


P10AW-054-10 (fit failed)

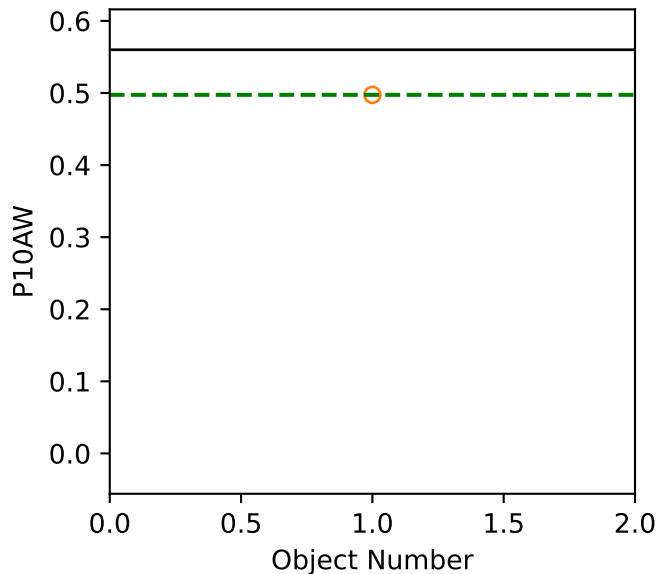


P10AWavg (fit failed)

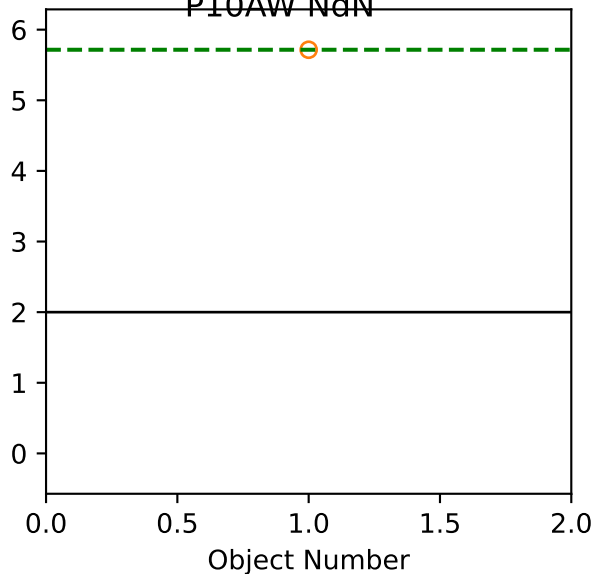
NaN



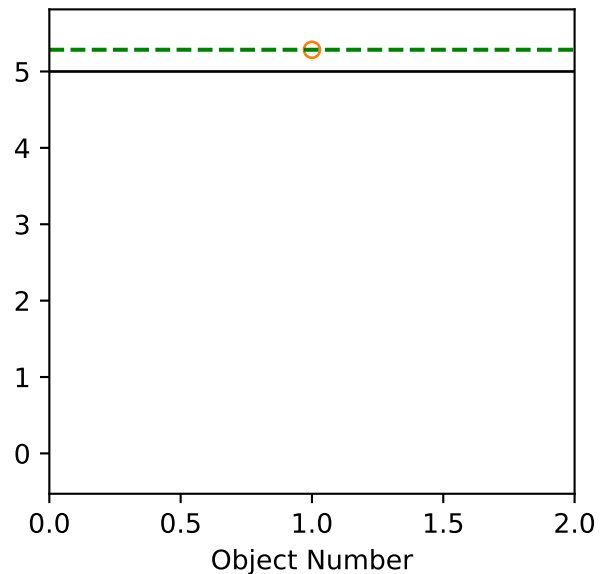
a (Def=0.56 Set=0.5)
avg1=na avg2=0.5



dm (Def=2 Set=5.72)
avg1=na avg2=5.72



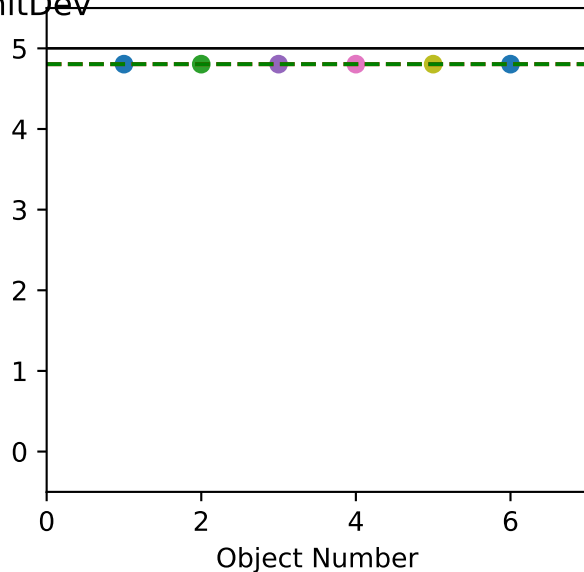
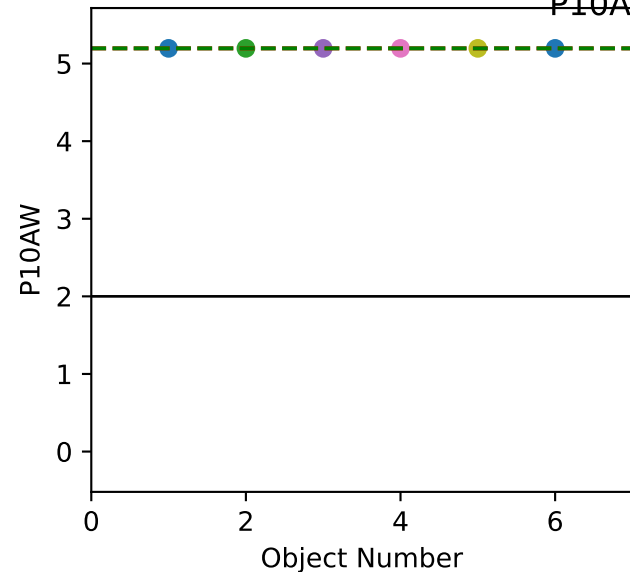
de (Def=5 Set=5.28)
avg1=na avg2=5.28



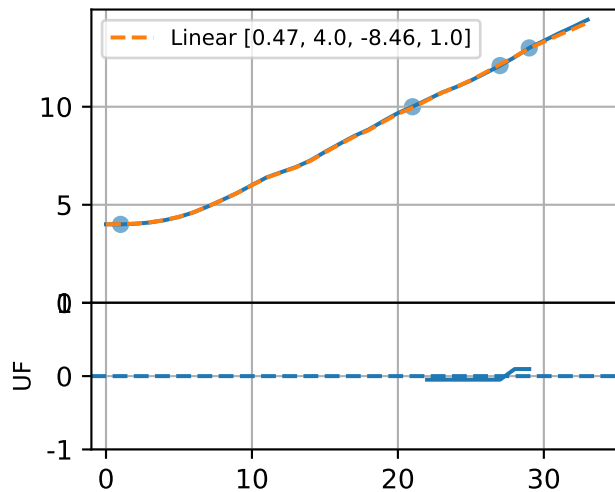
InitDev_dm (Def=2 Set=5.2)
avg1=5.2~0% avg2=5.2

P10AW InitDev

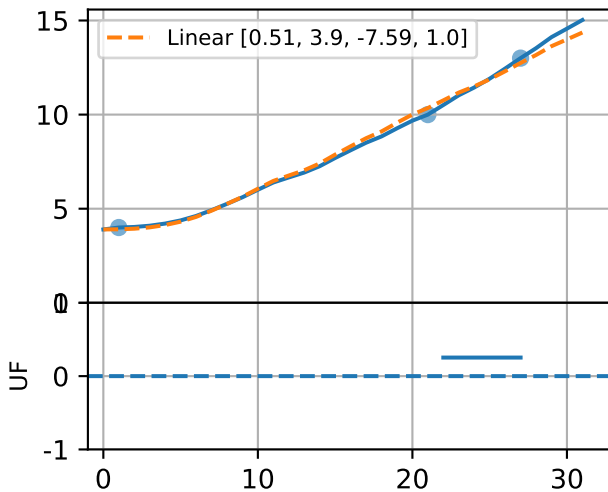
InitDev_de (Def=5 Set=4.8)
avg1=4.8~0% avg2=4.8



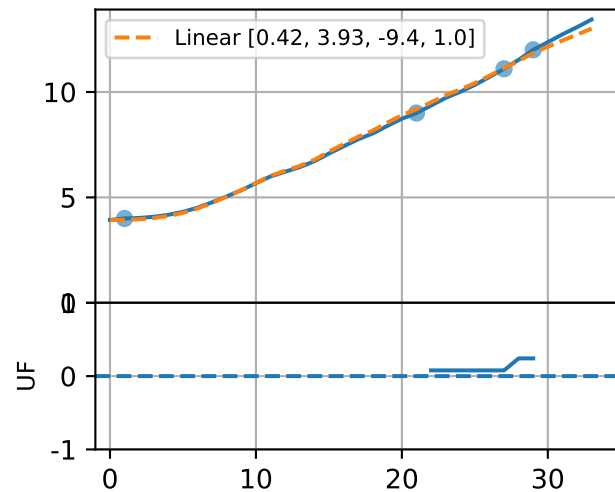
P10AW-003-11



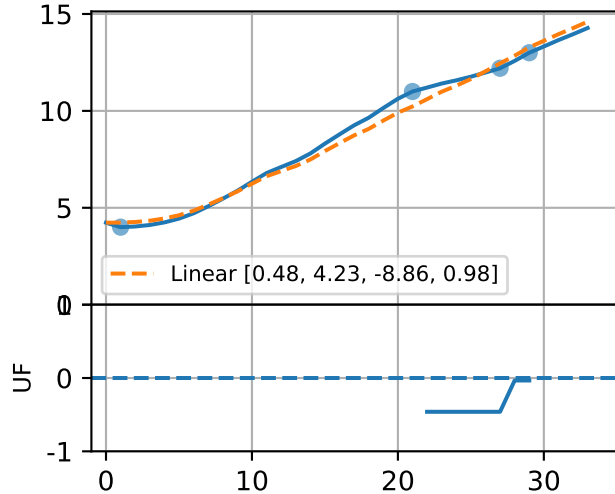
P10AW-016-3



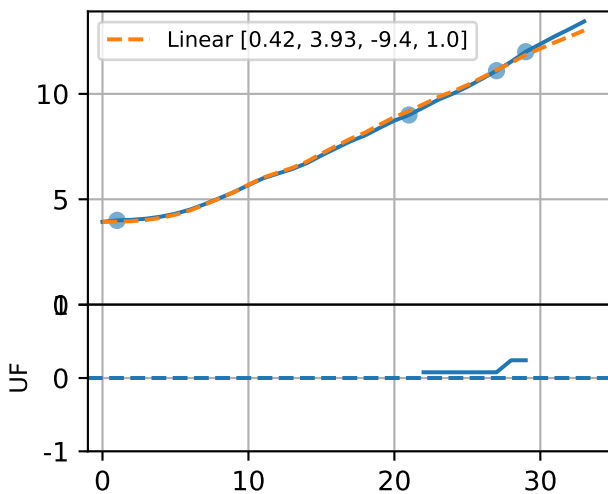
P10AW-029-30



P10AW-041-24

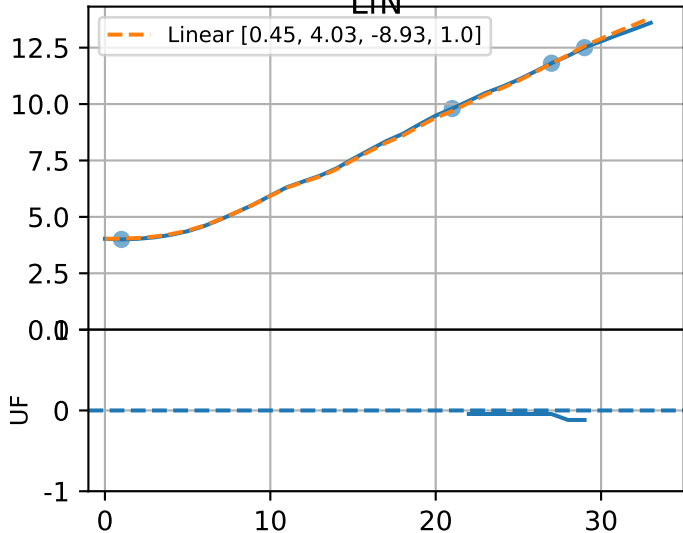


P10AW-054-10

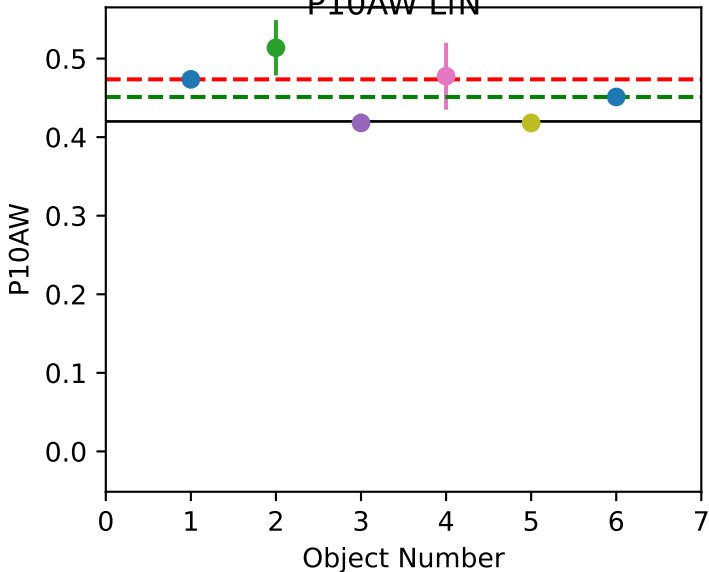


P10AWavg

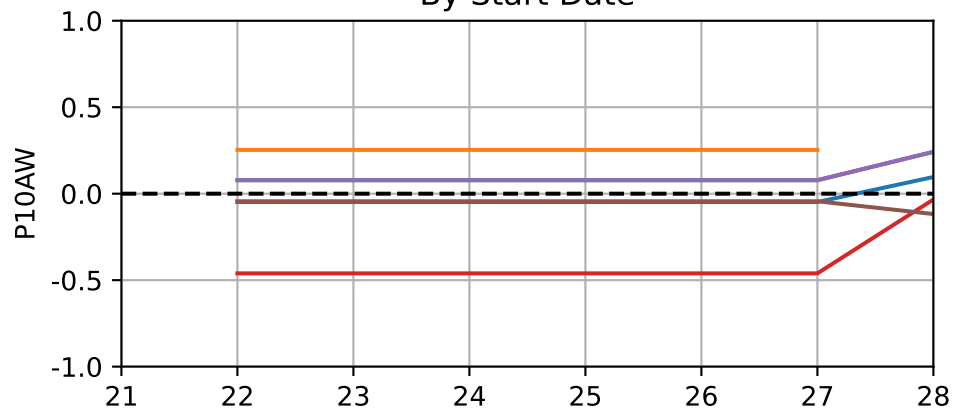
LfN



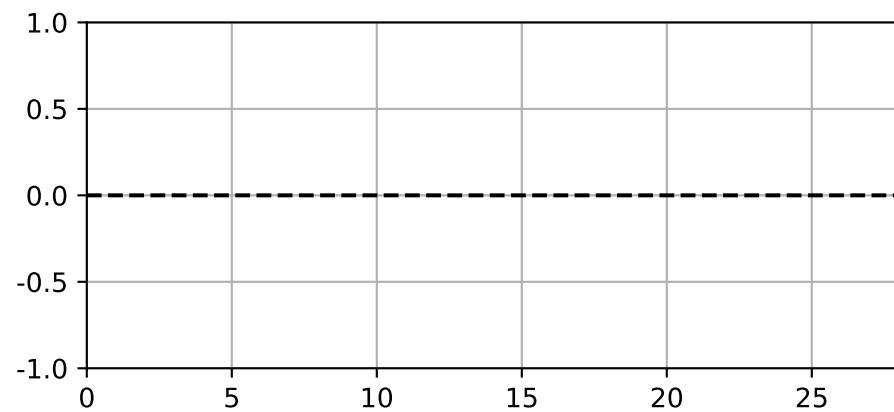
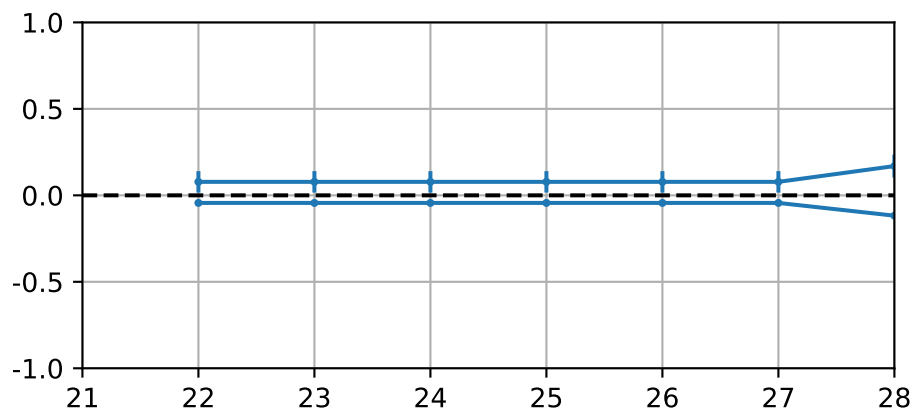
a (Def=0.42 Set=0.45)
avg1=0.47~9% avg2=0.45~3%



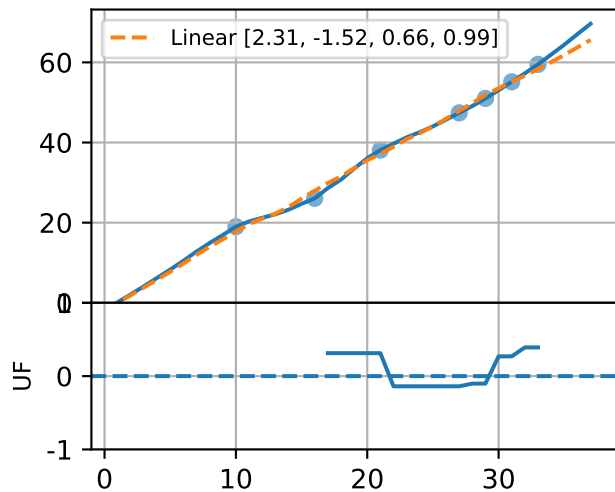
By Start Date



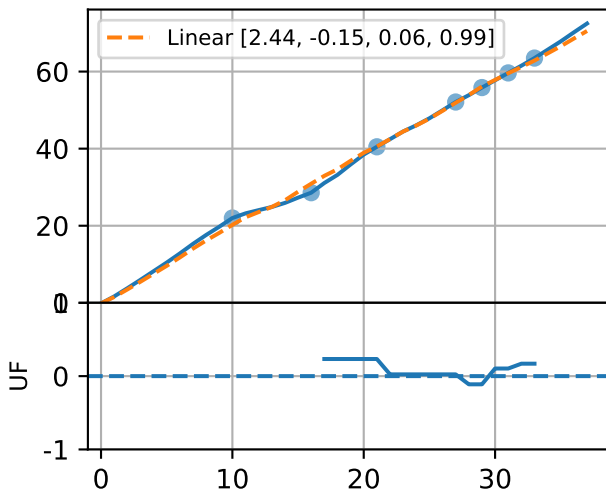
By Plant/Organ Age



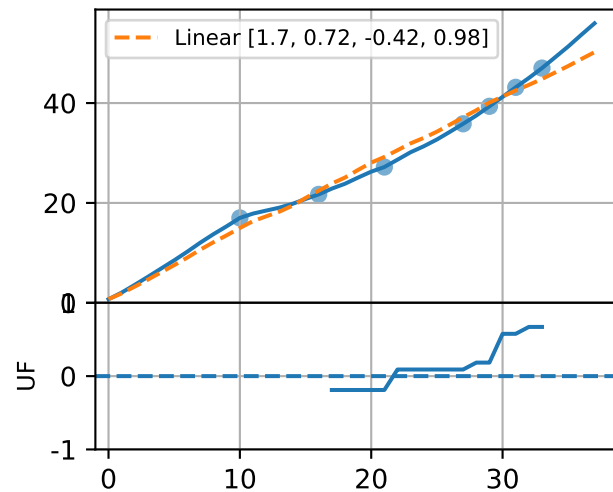
P10AW-003-11



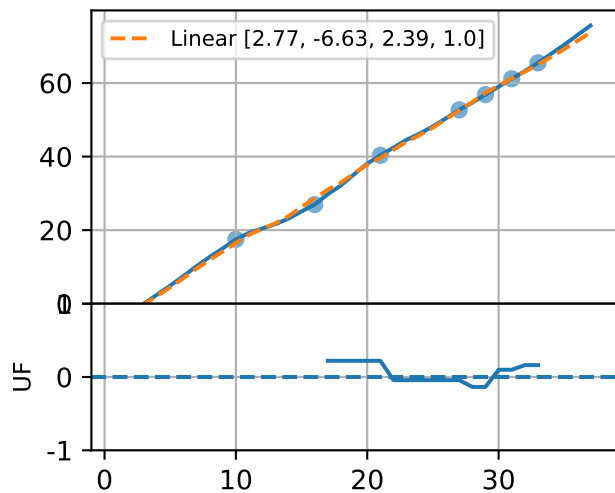
P10AW-016-3



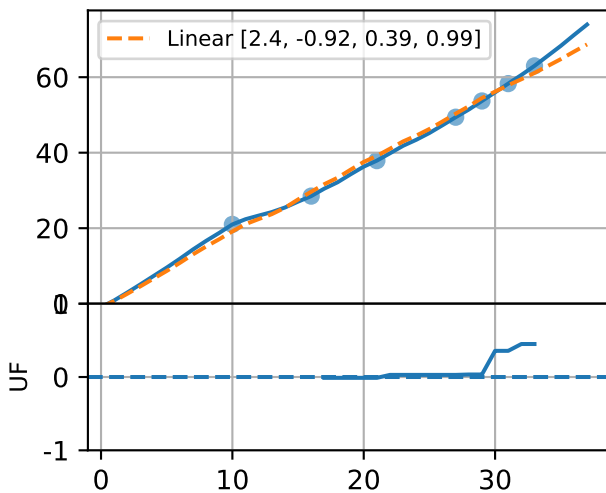
P10AW-029-30



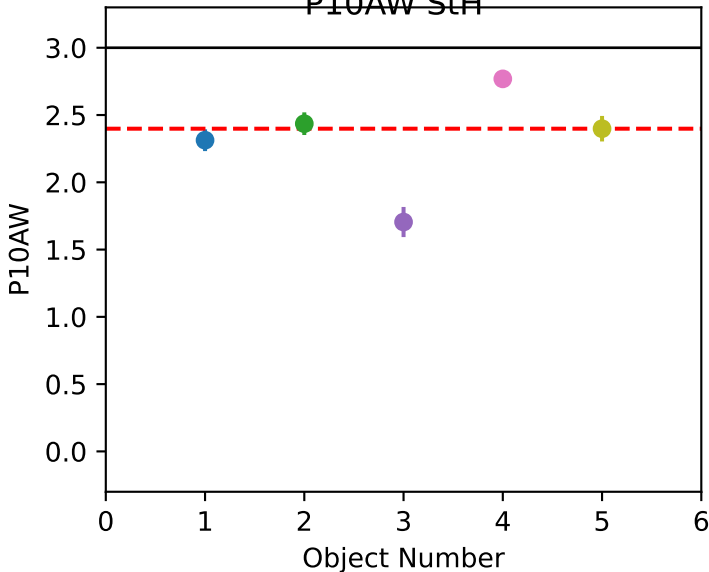
P10AW-041-24



P10AW-054-10

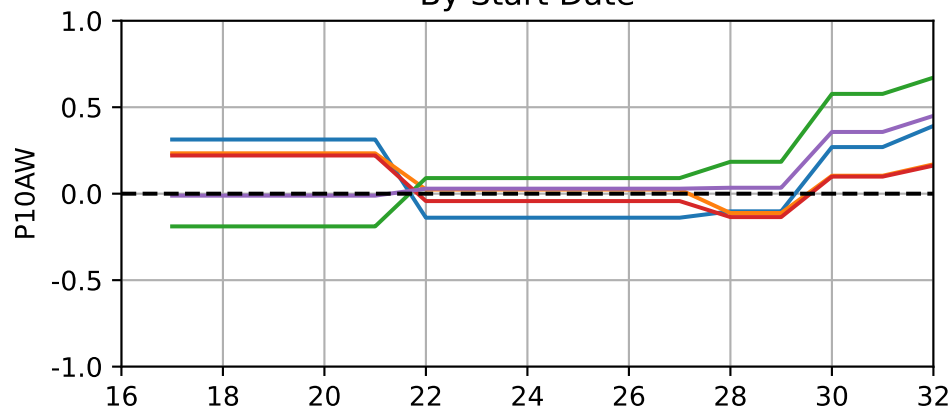


a (Def=3 Set=2.4)
avg1=2.4~3% avg2=na
P10AW StH

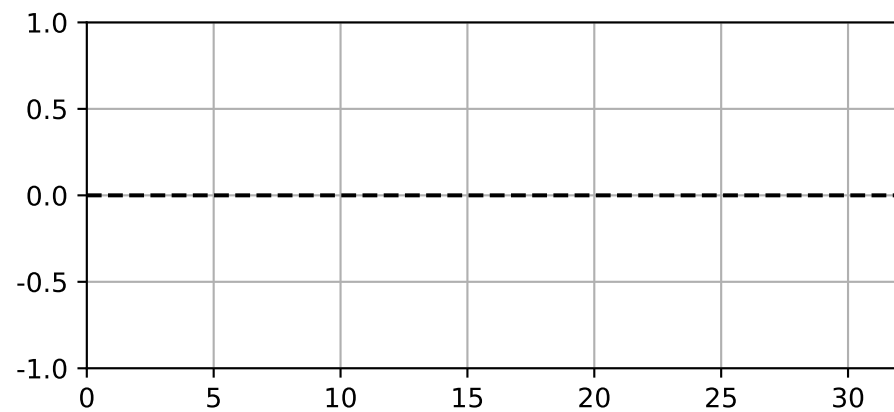
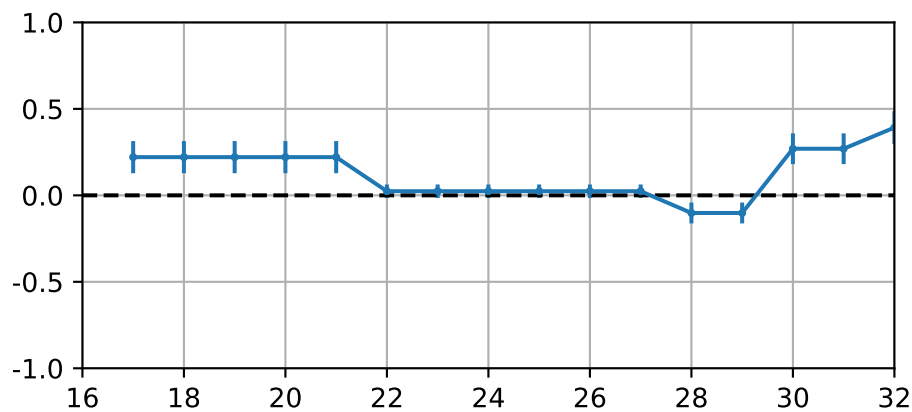
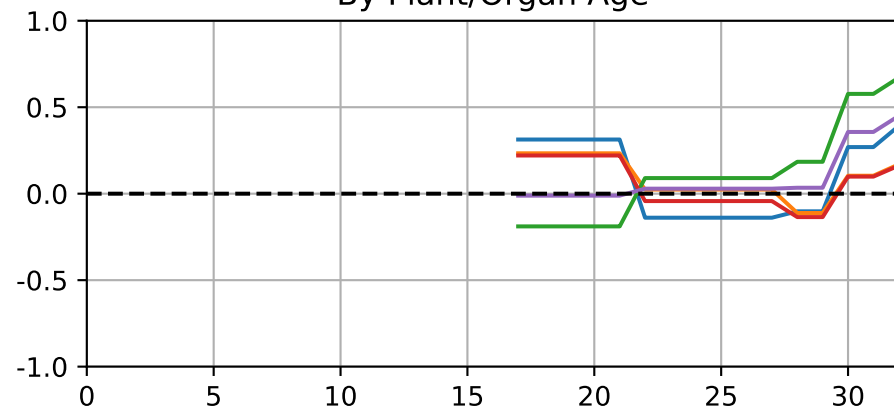


StH

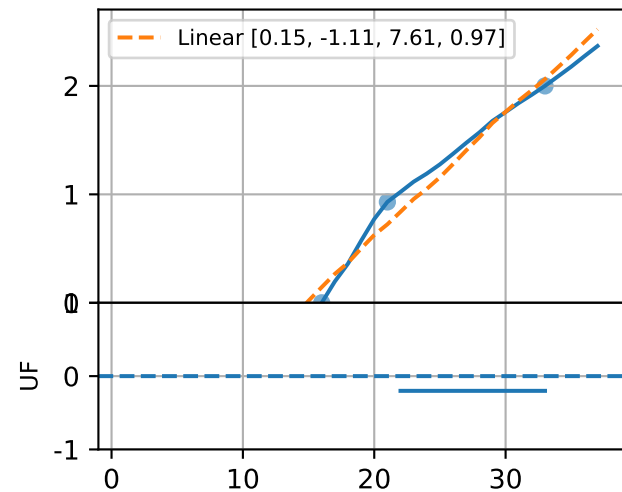
By Start Date



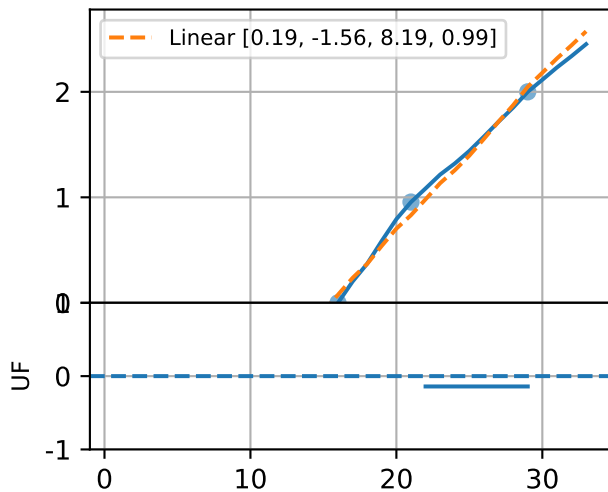
By Plant/Organ Age



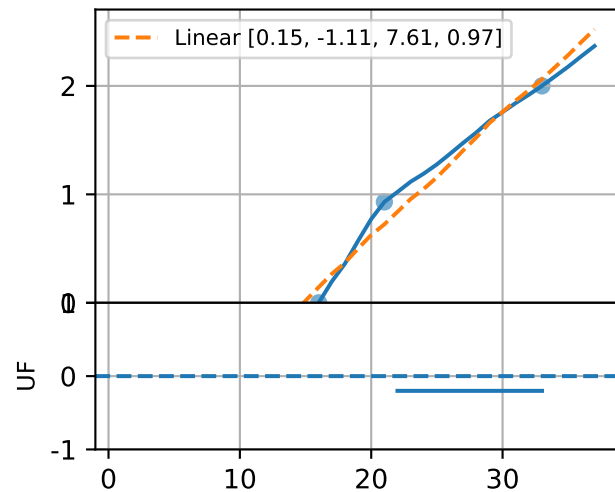
P10AW-003-11



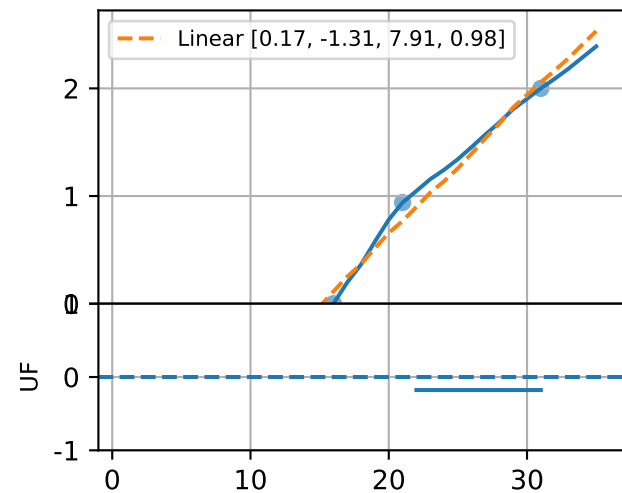
P10AW-016-3



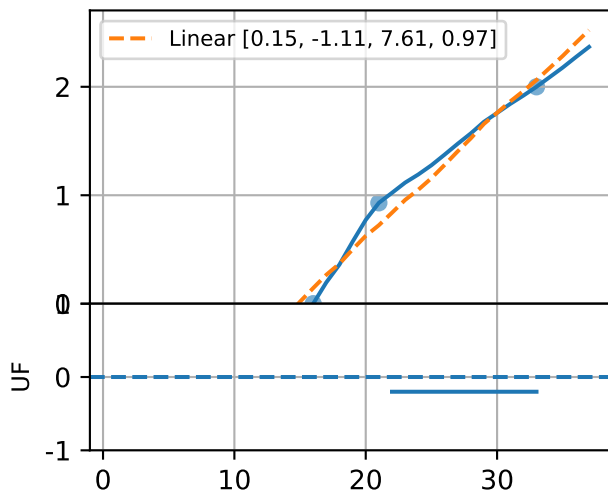
P10AW-029-30



P10AW-041-24



P10AW-054-10



P10AWavg TSN

Linear [0.11, -0.38, 3.45, 1.0]

UF

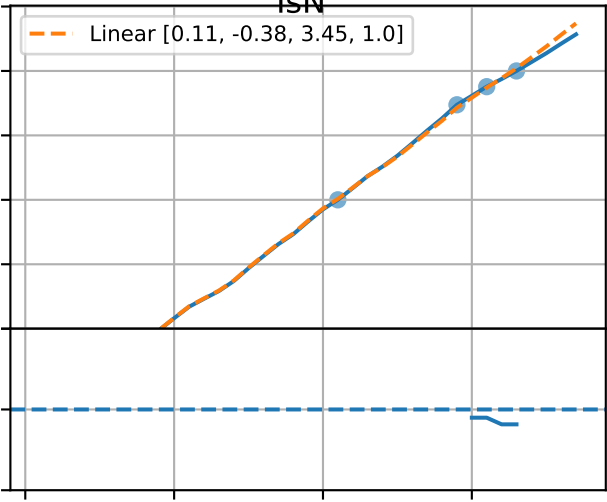
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0

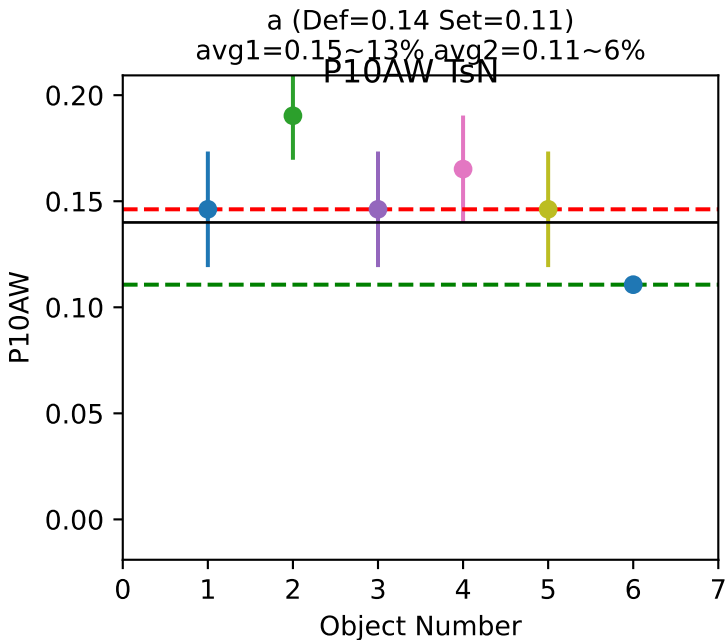
0

10

20

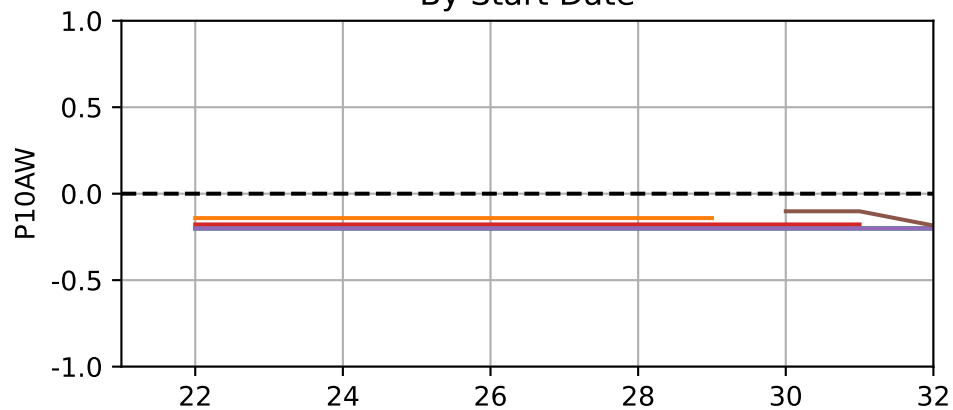
30



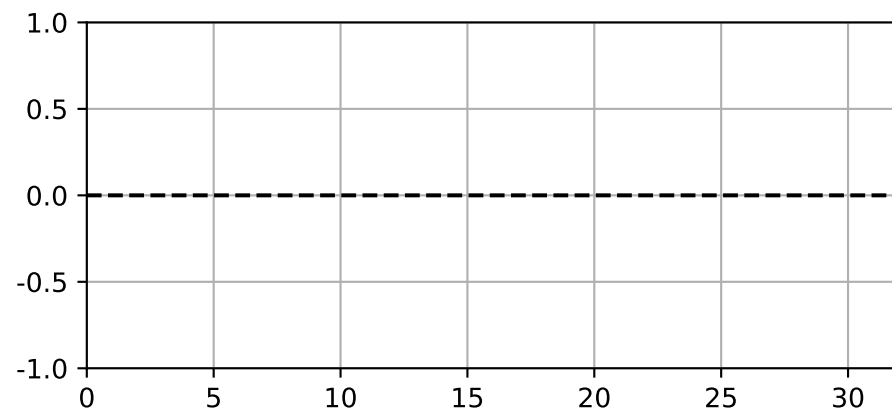
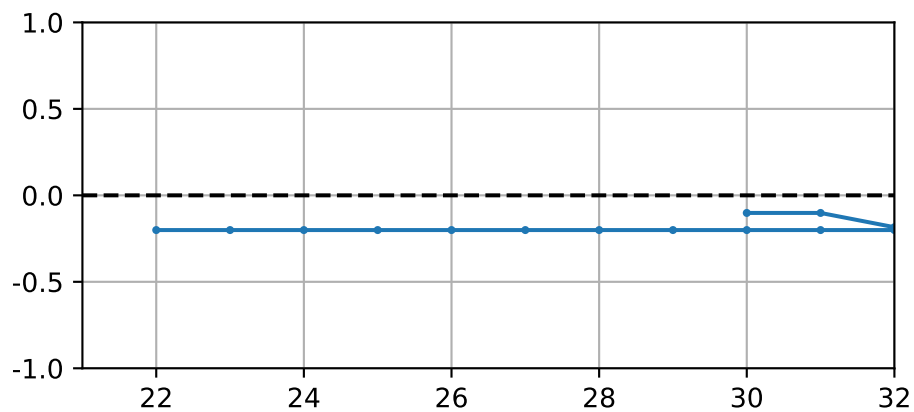
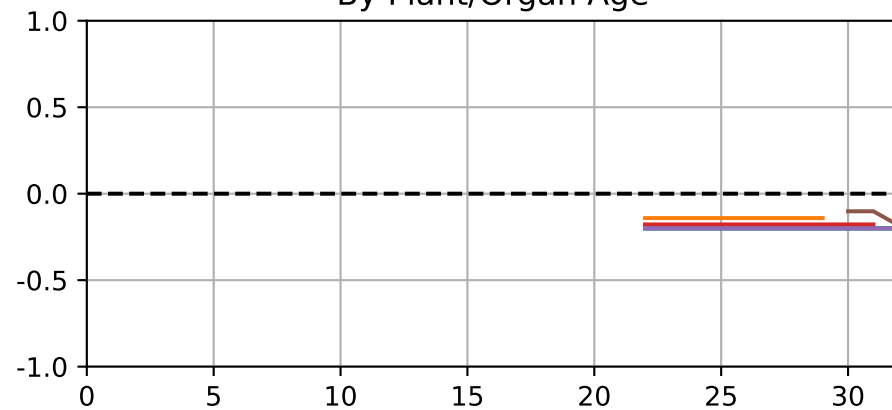


TsN

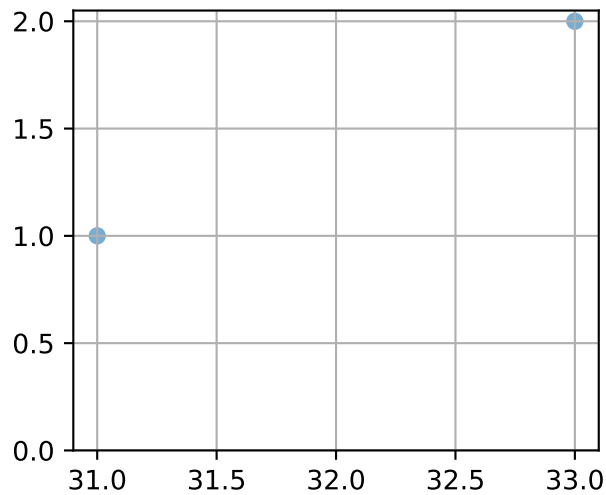
By Start Date



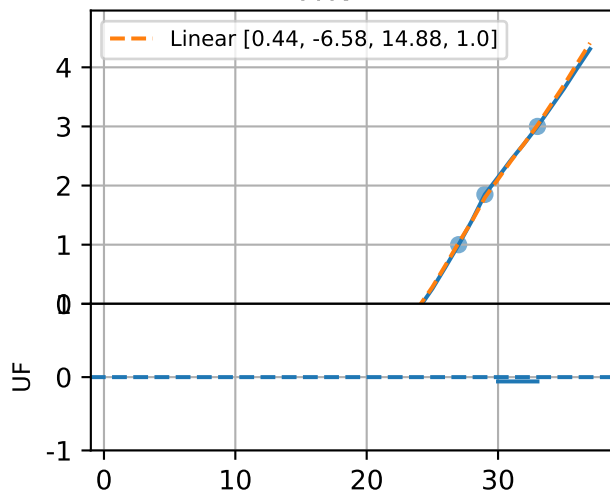
By Plant/Organ Age



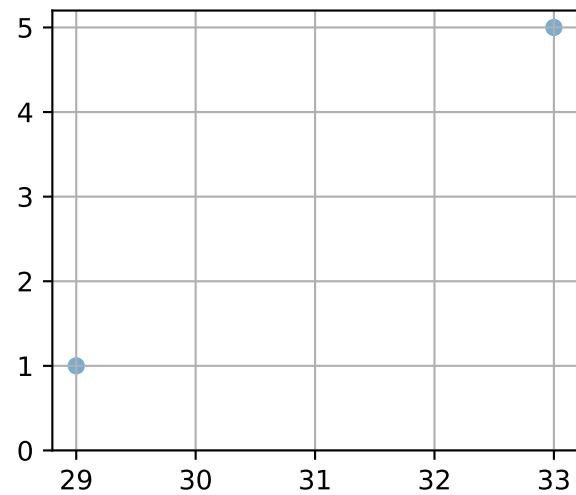
P10AW-003-11T1 (fit failed)



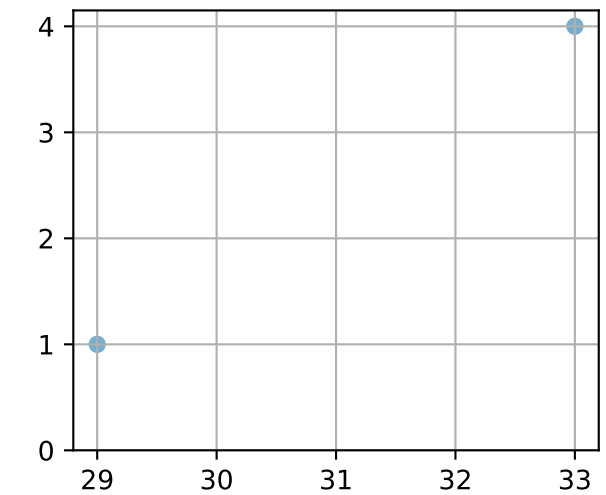
P10AW-016-3T1



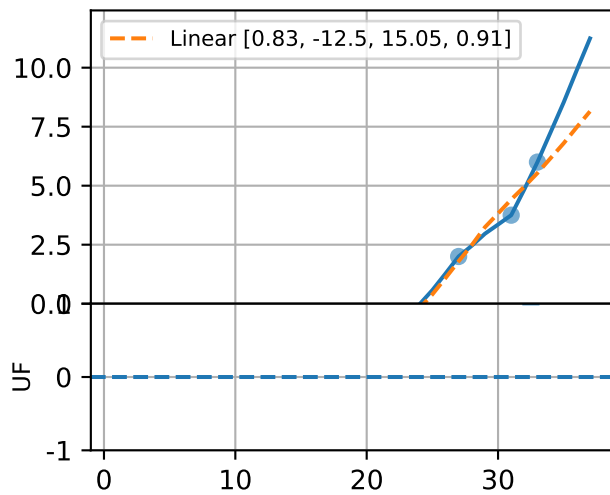
P10AW-029-30T1 (fit failed)



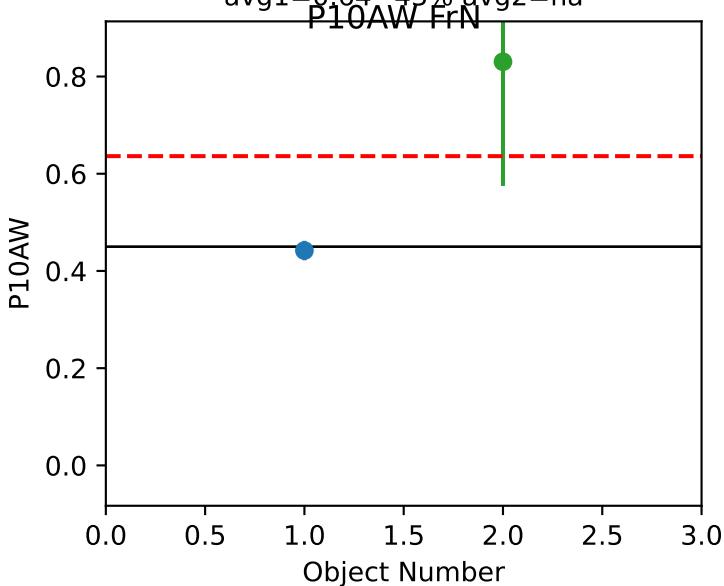
P10AW-041-24T1 (fit failed)



P10AW-054-10T1

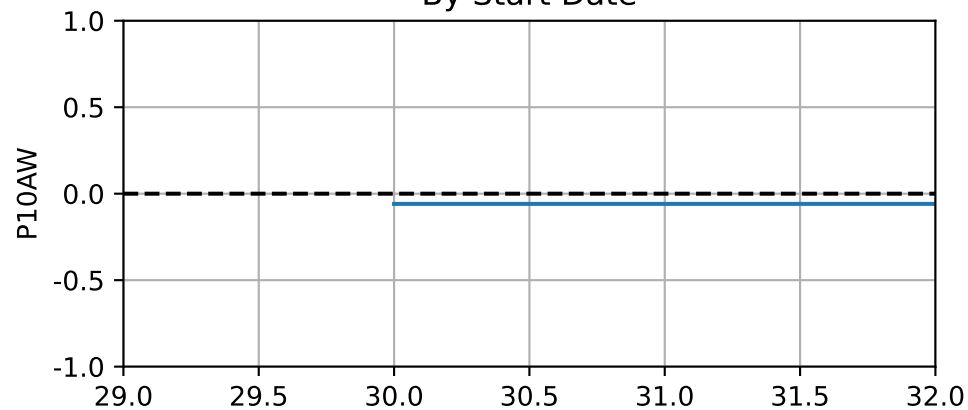


a (Def=0.45 Set=0.45)
avg1=0.64~43% avg2=na

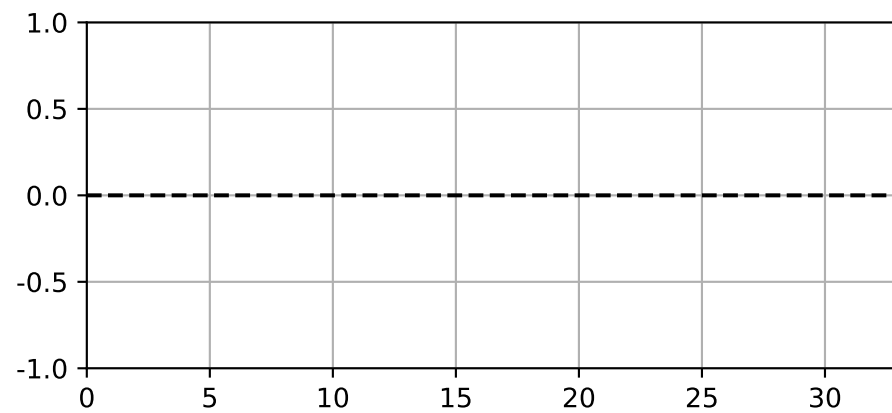
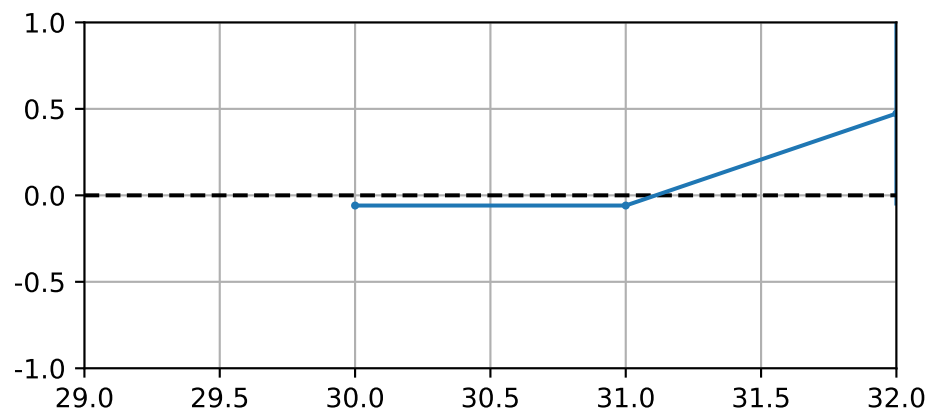
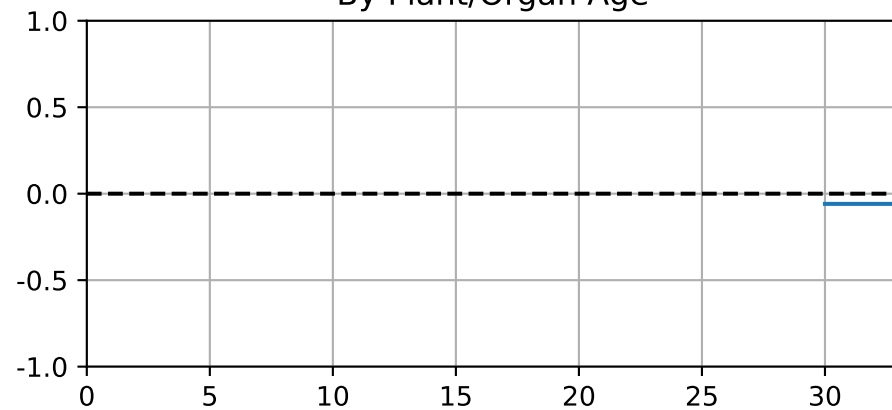


FrN

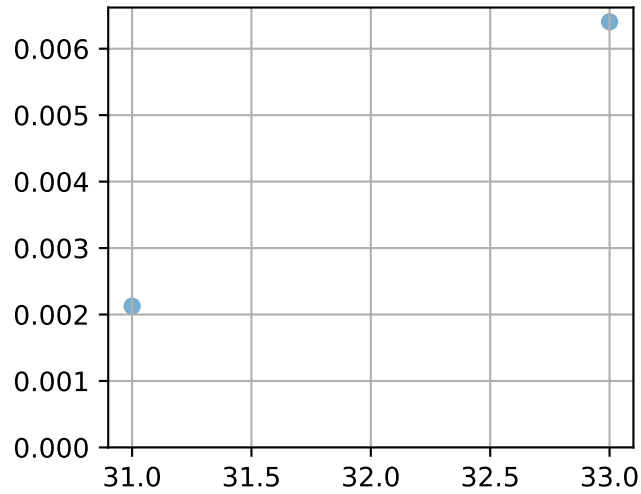
By Start Date



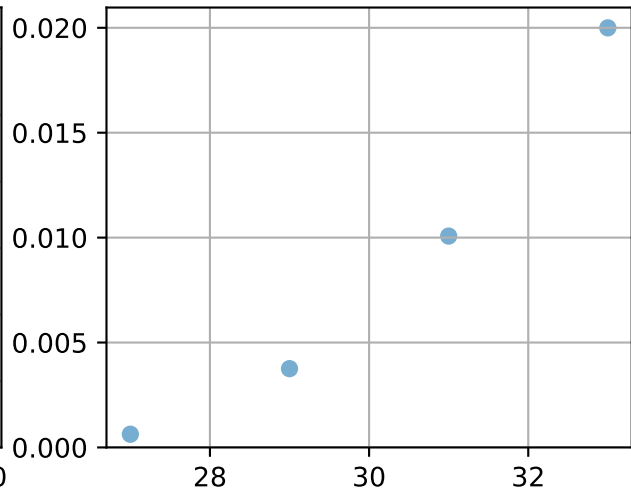
By Plant/Organ Age



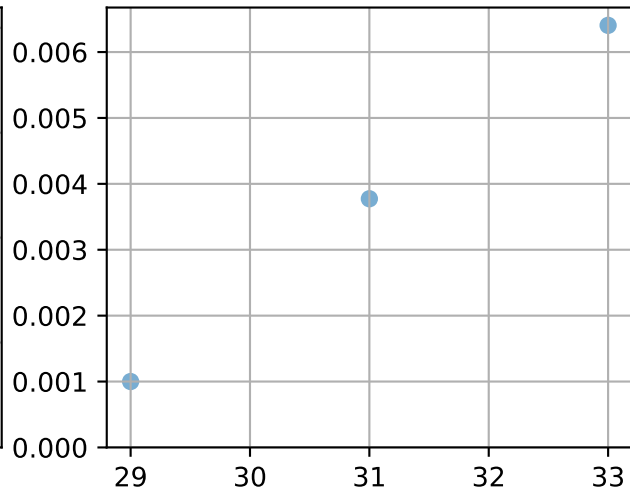
P10AW-003-11T1Fr1 (fit failed)



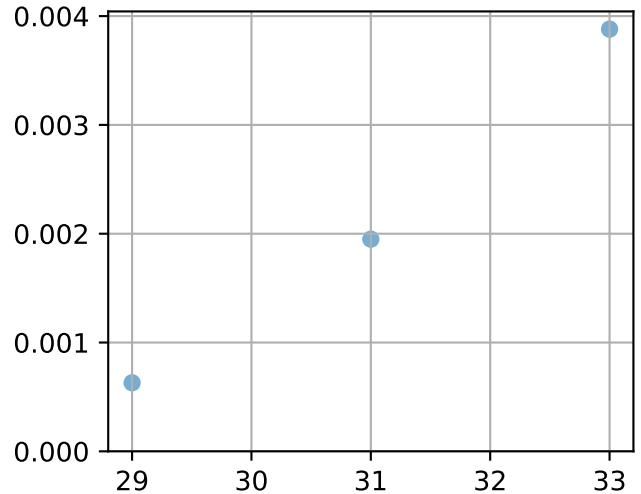
P10AW-016-21T1Fr1 (fit failed)



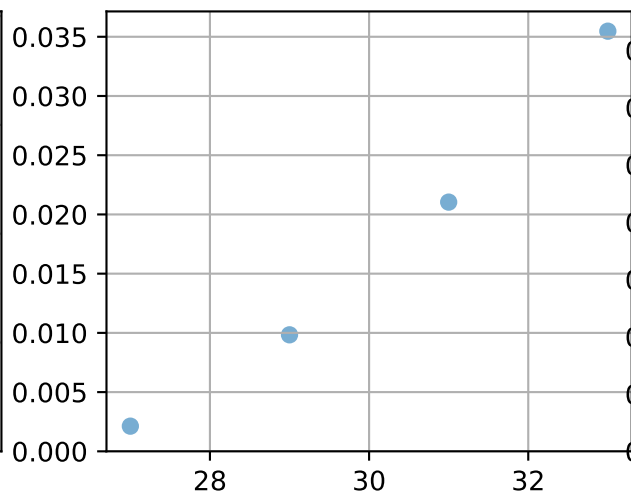
P10AW-029-30T1Fr1 (fit failed)



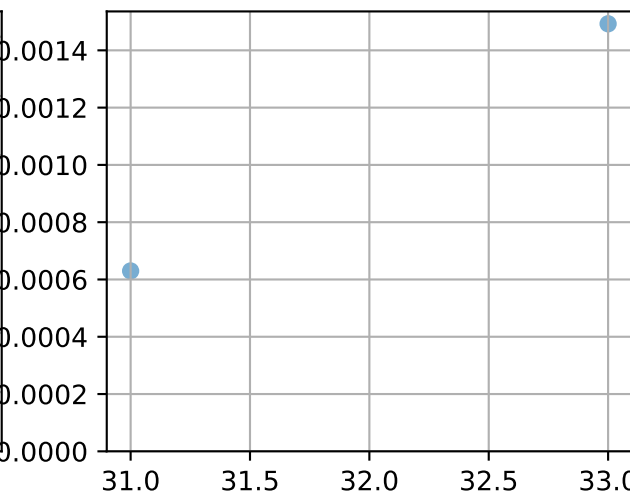
P10AW-041-24T1Fr1 (fit failed)



P10AW-054-10T1Fr1 (fit failed)

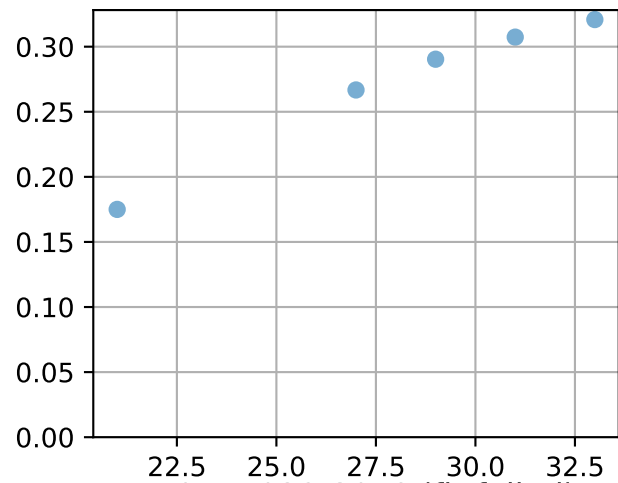


P10AW-054-10T1Fr5 (fit failed)

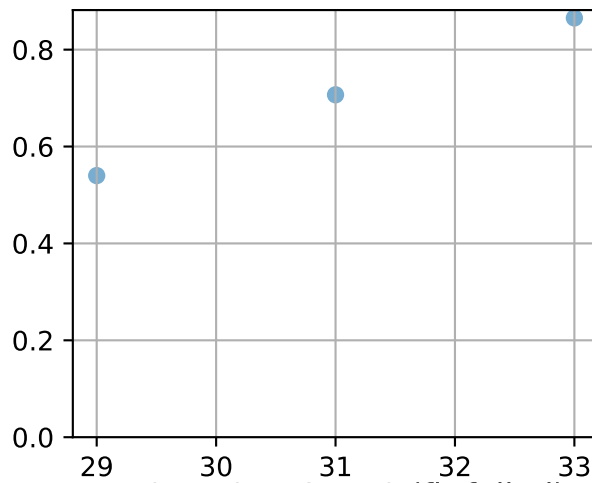


15

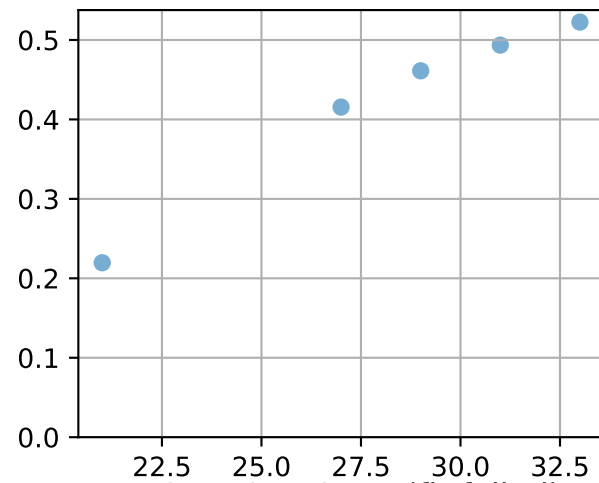
P10AW-003-11L6 (fit failed)



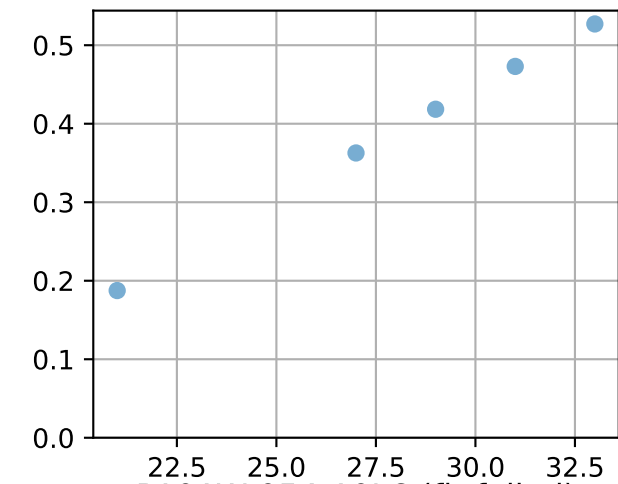
P10AW-016-3L10 (fit failed)



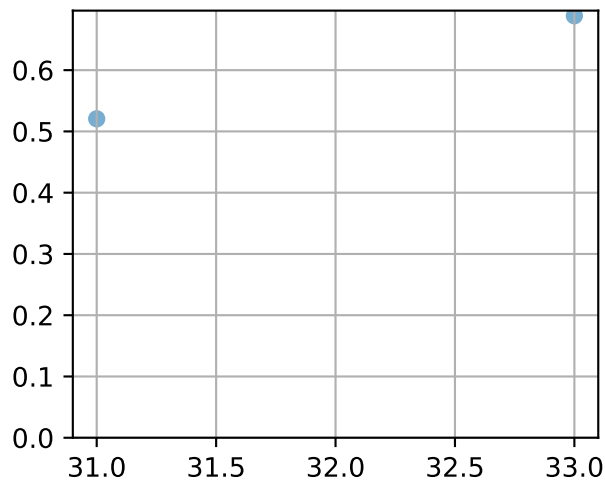
P10AW-016-3L7 (fit failed)



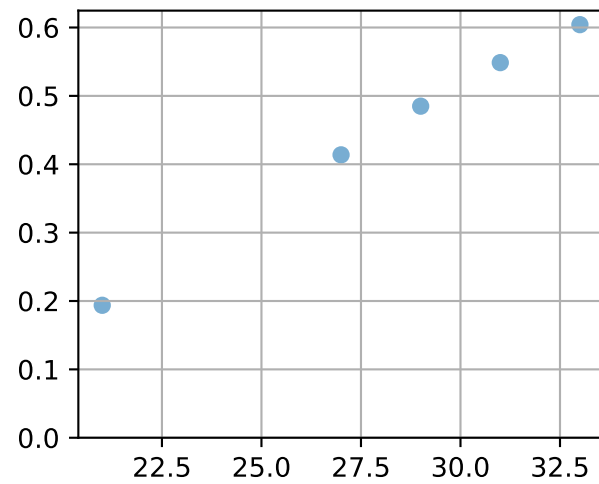
P10AW-029-30L6 (fit failed)



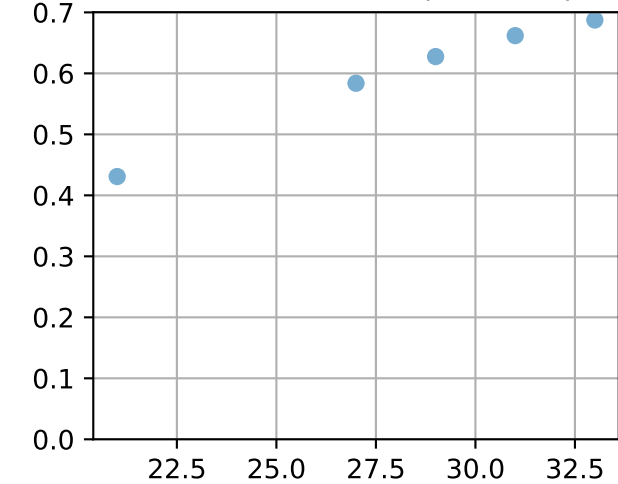
P10AW-041-24L10 (fit failed)

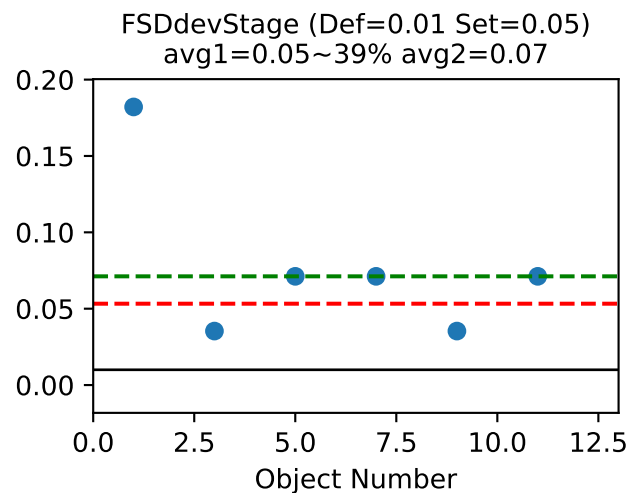
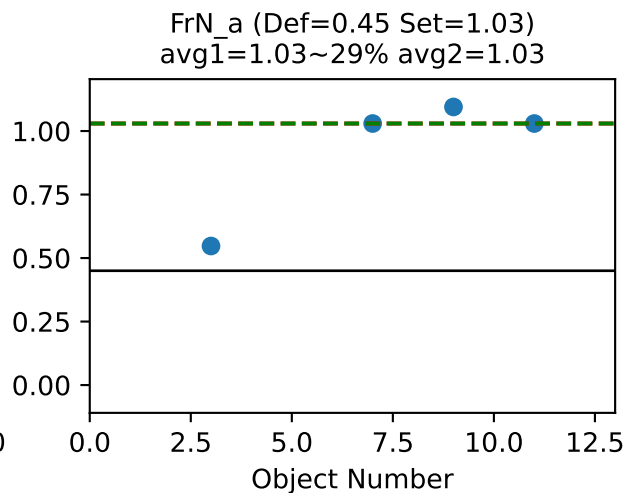
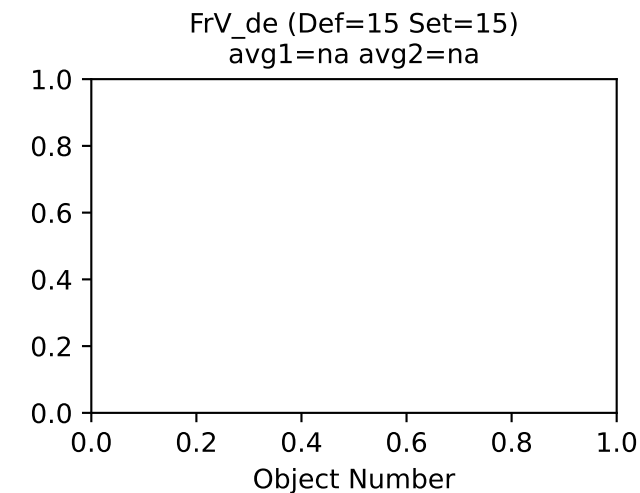
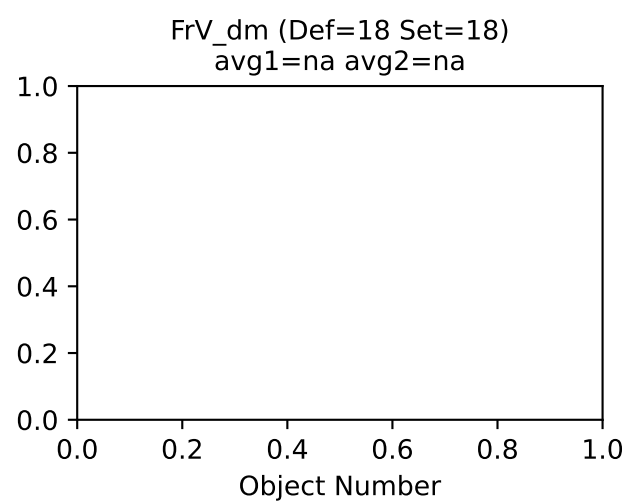
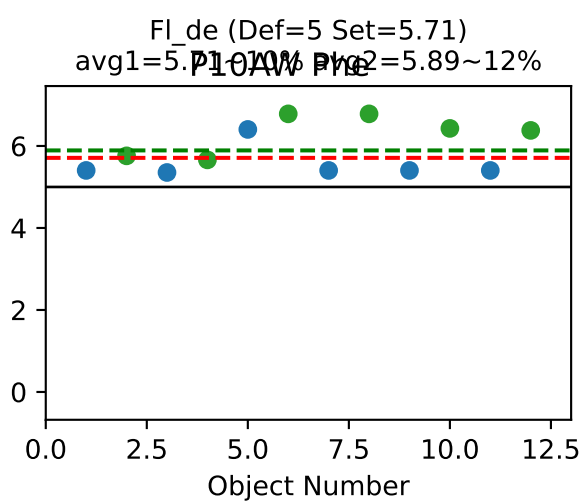
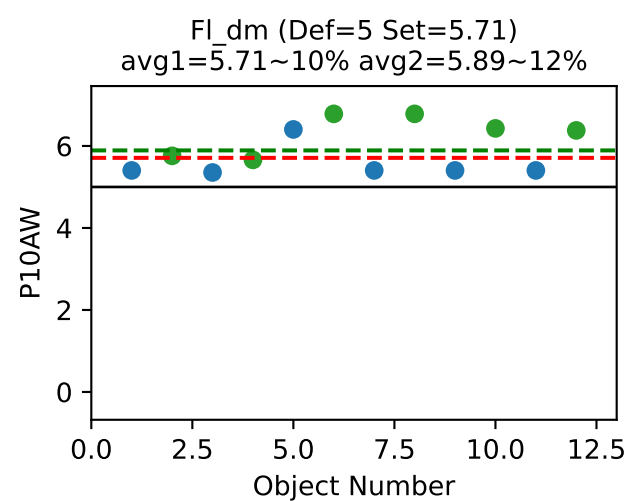


P10AW-041-24L7 (fit failed)

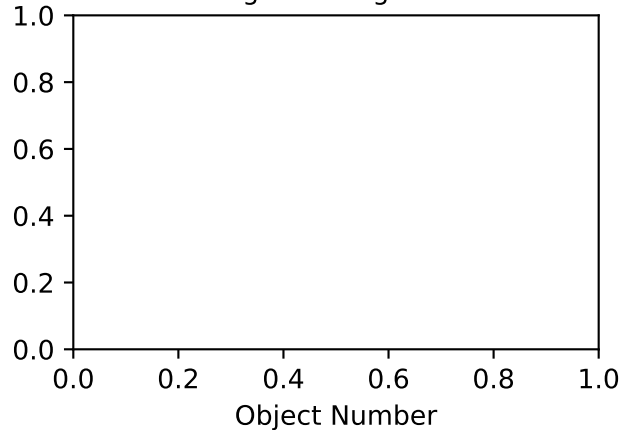


P10AW-054-10L6 (fit failed)

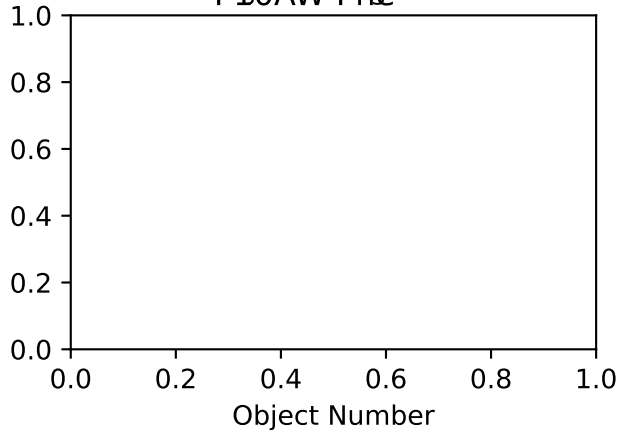




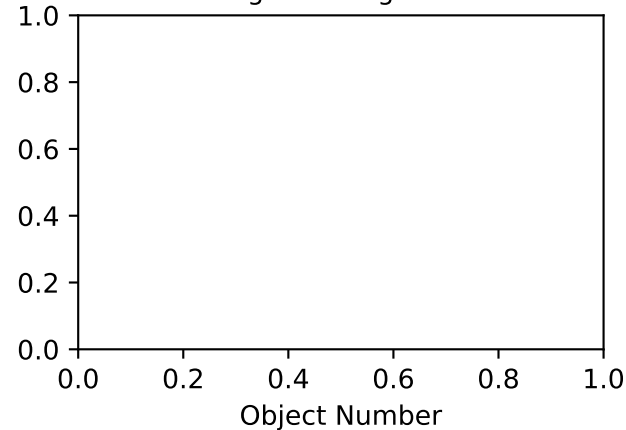
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



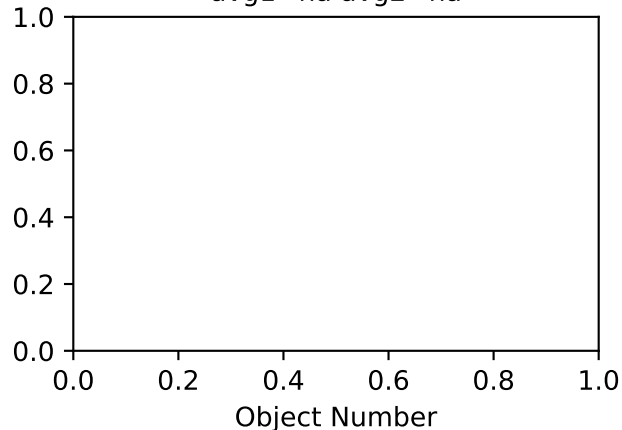
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



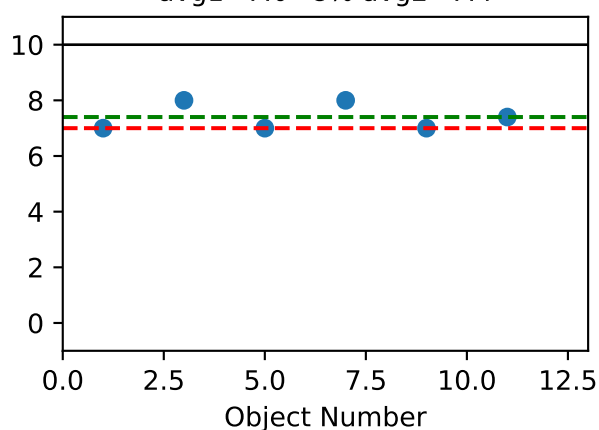
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

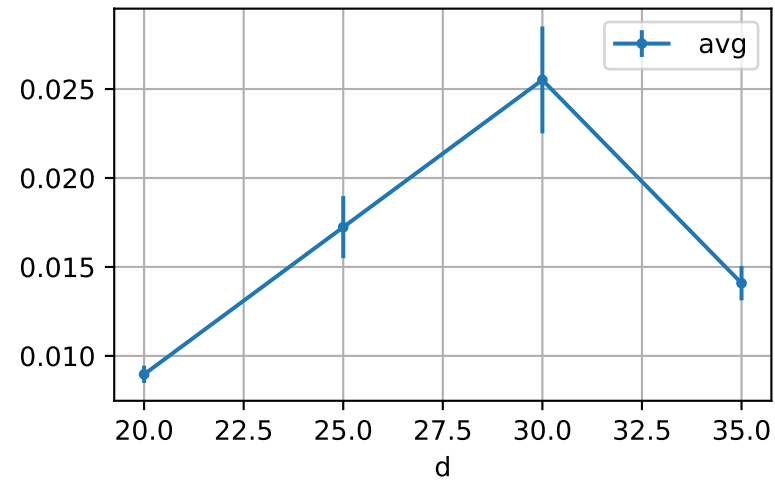


NNgen (Def=10 Set=7)
avg1=7.0~8% avg2=7.4

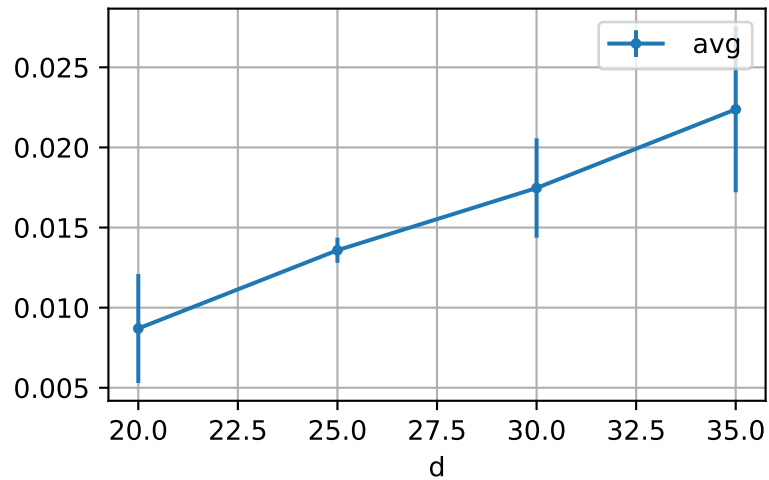


LfA: avg vs. d at each age group

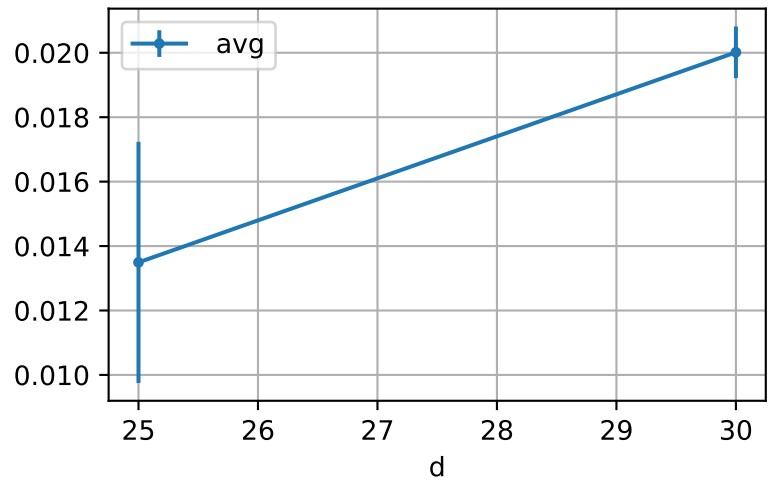
age=20



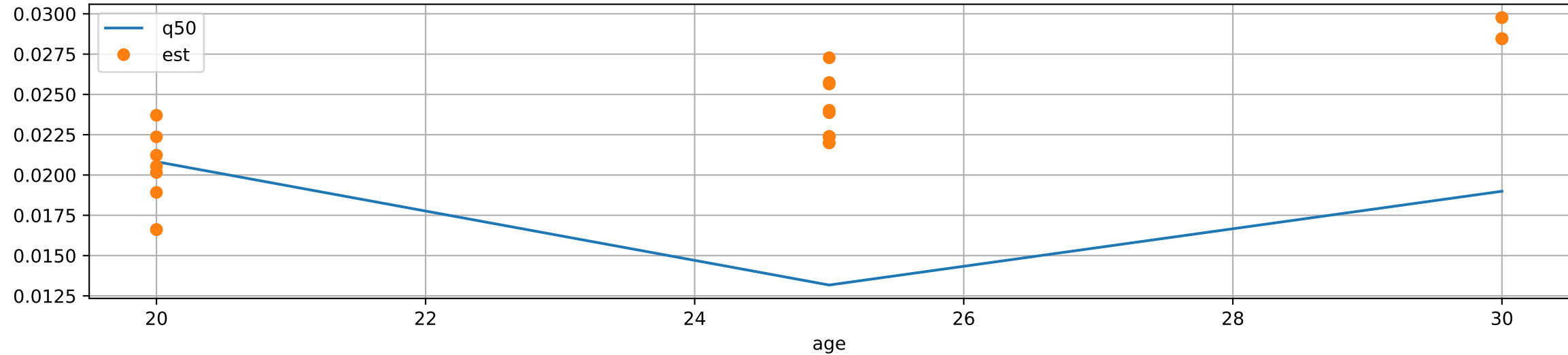
age=25



age=30

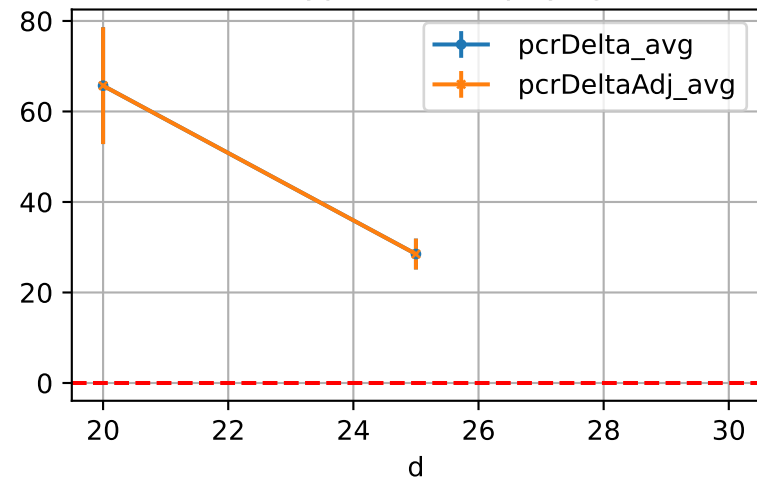


LfA: model est vs obsOv@Q50

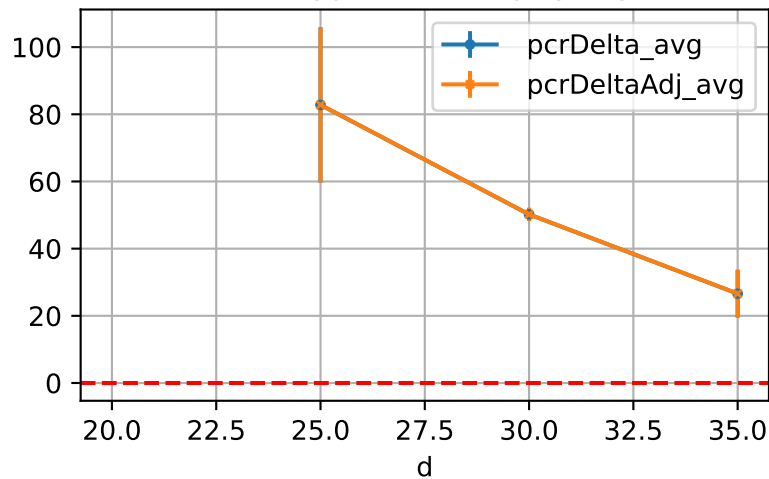


P10AW LfA: D_5d_LfA

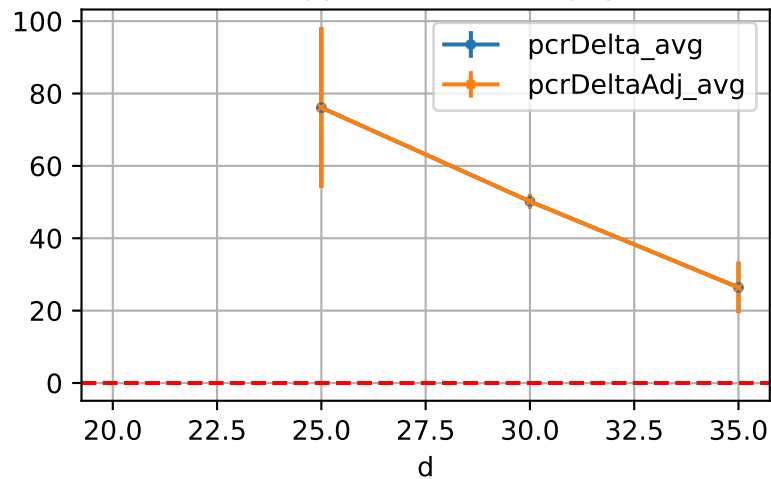
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

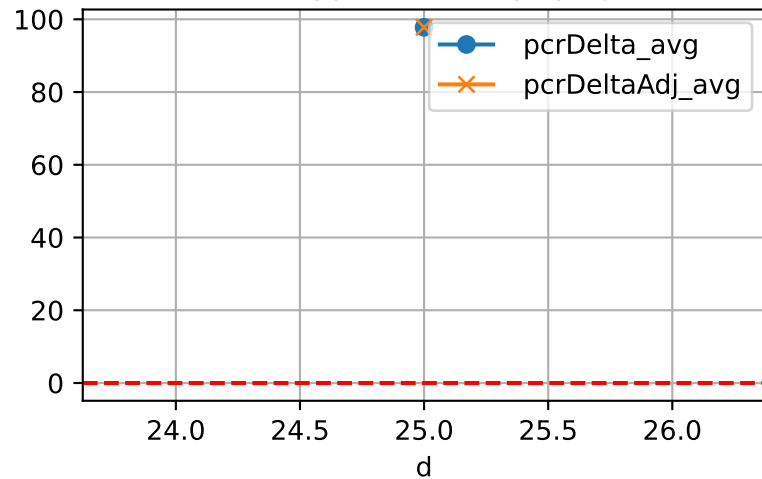


DeltaTypeAbbr=WeiAvgByD

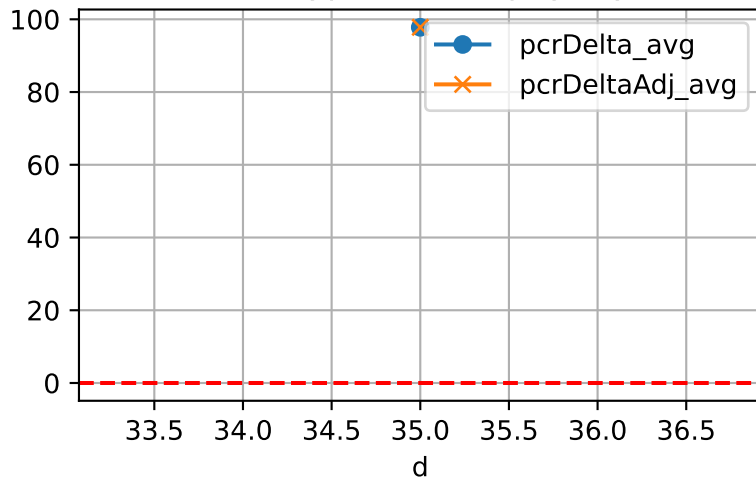


P10AW LfA: D_15d_LfA

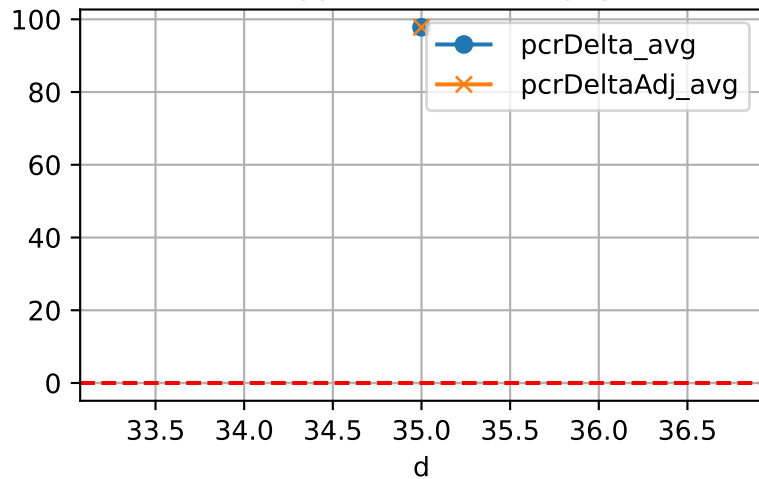
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

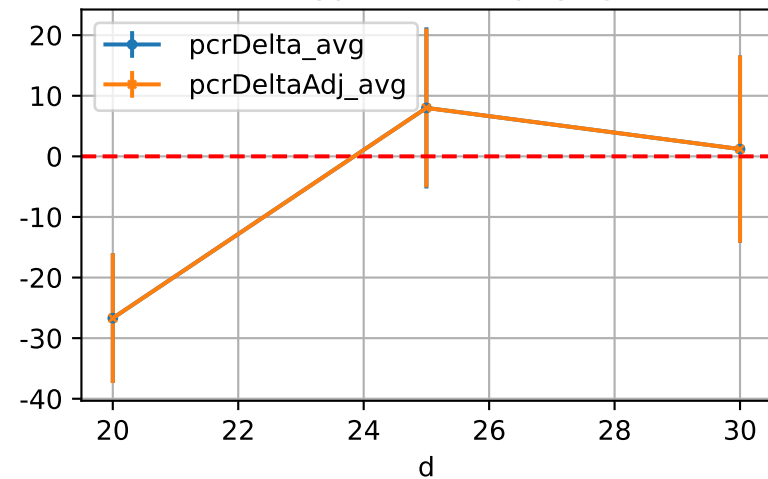


DeltaTypeAbbr=WeiAvgByD

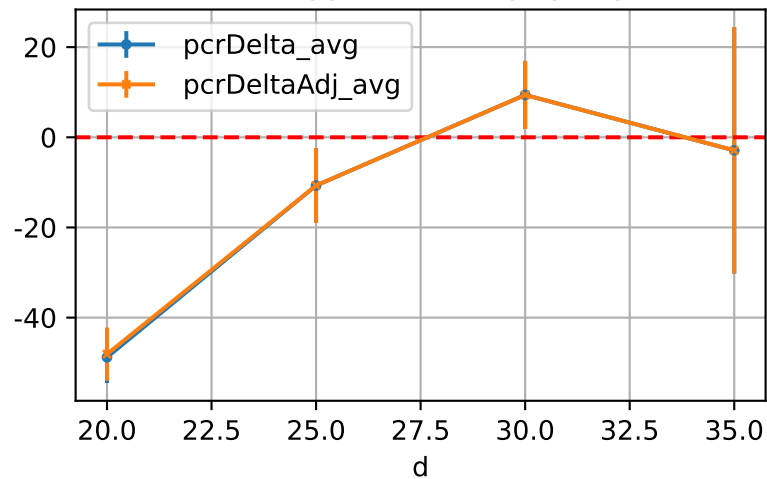


P10AW LfA: D_Q50_LfA

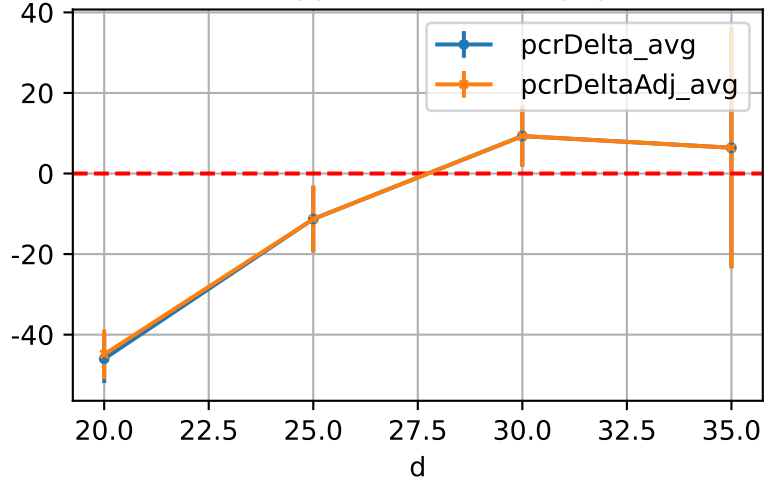
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

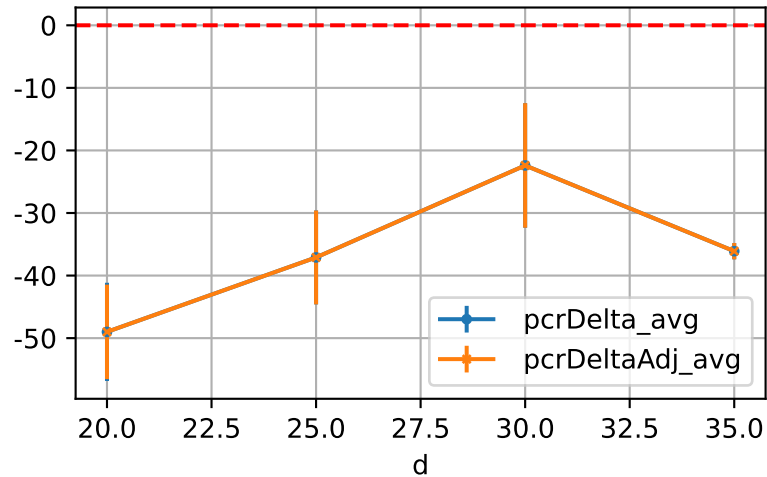


DeltaTypeAbbr=WeiAvgByD

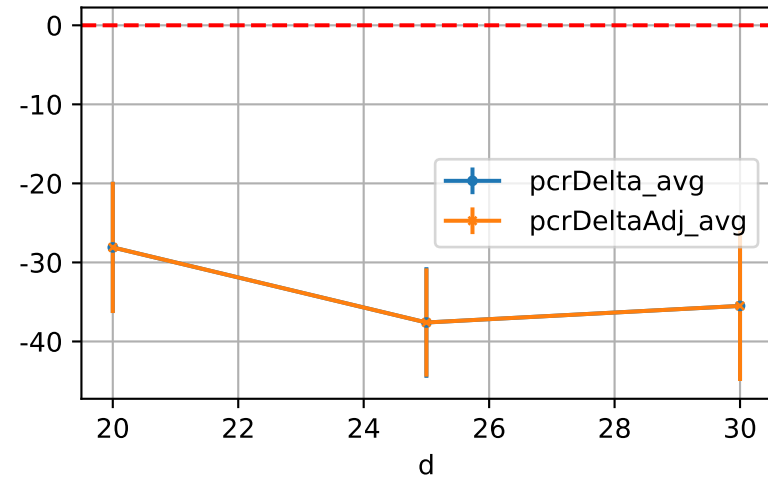


P10AW LfA: D_Est_LfA

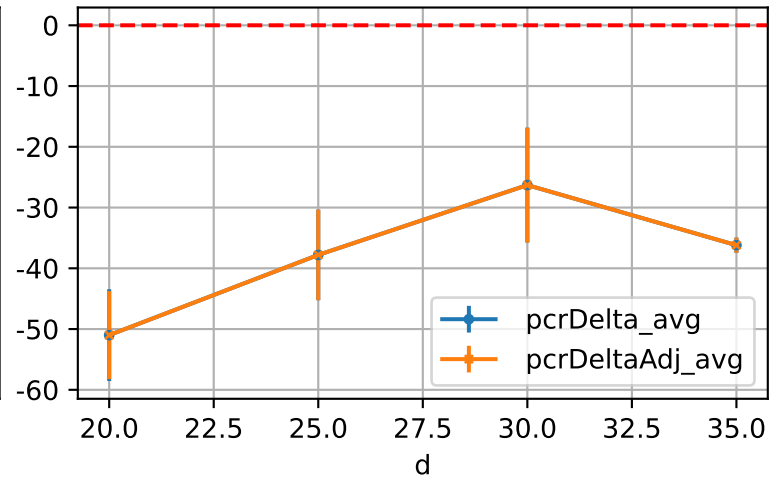
DeltaTypeAbbr=GrpByDay



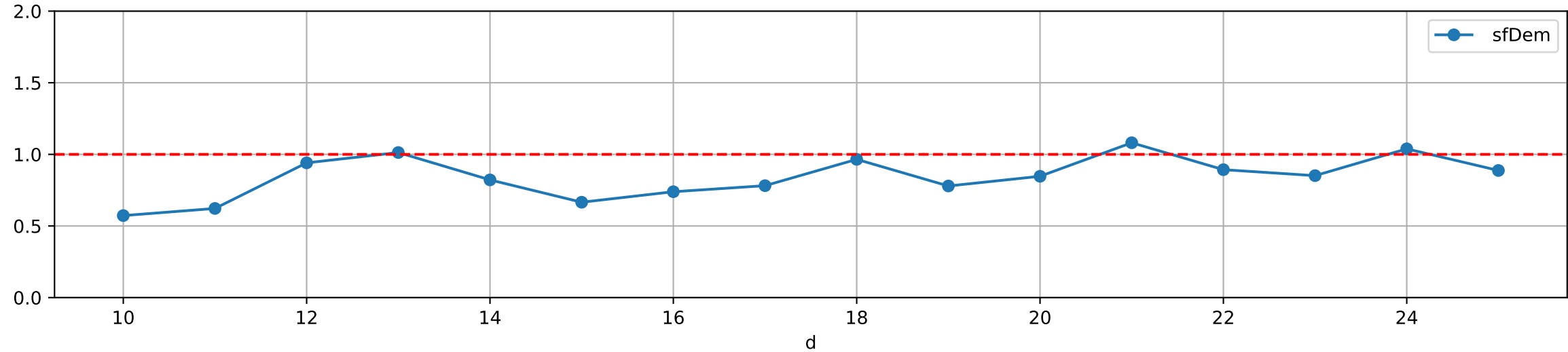
DeltaTypeAbbr=GrpByAge

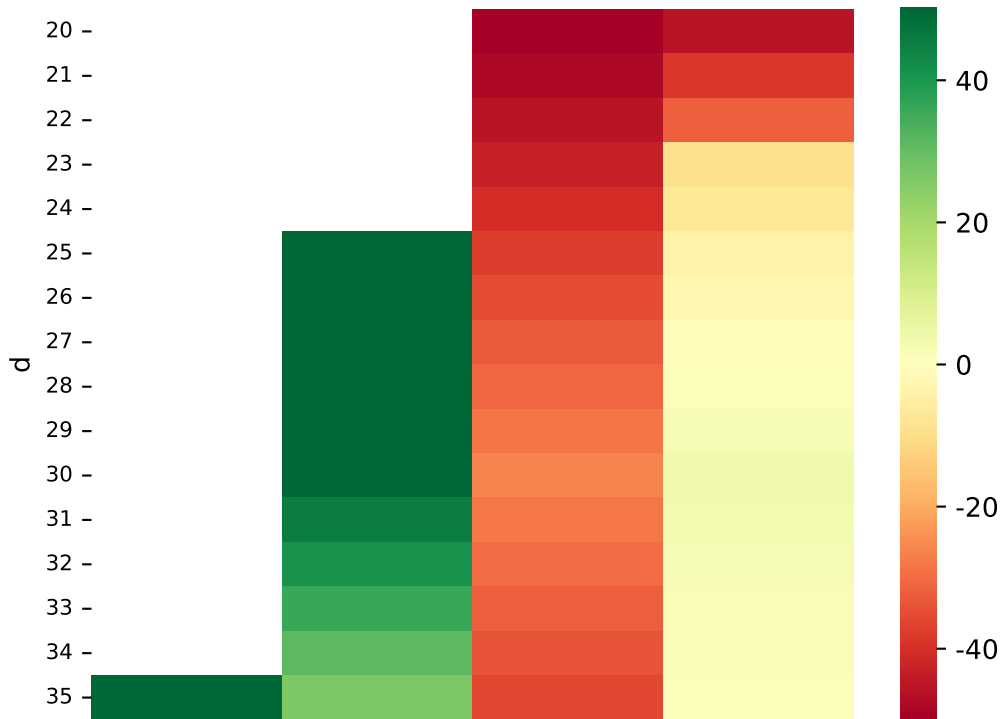


DeltaTypeAbbr=WeiAvgByD



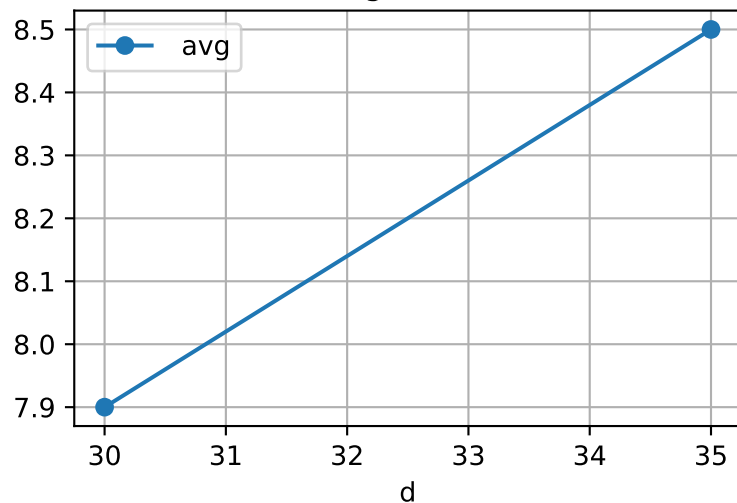
LfA: sfDem



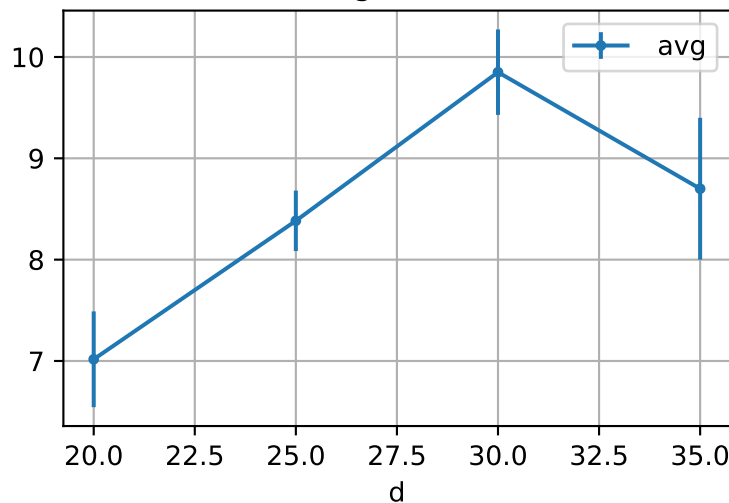


NdD: avg vs. d at each age group

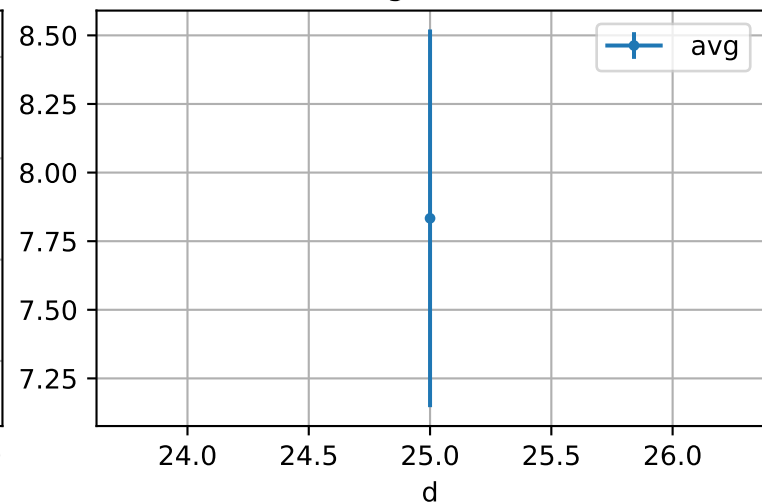
age=15



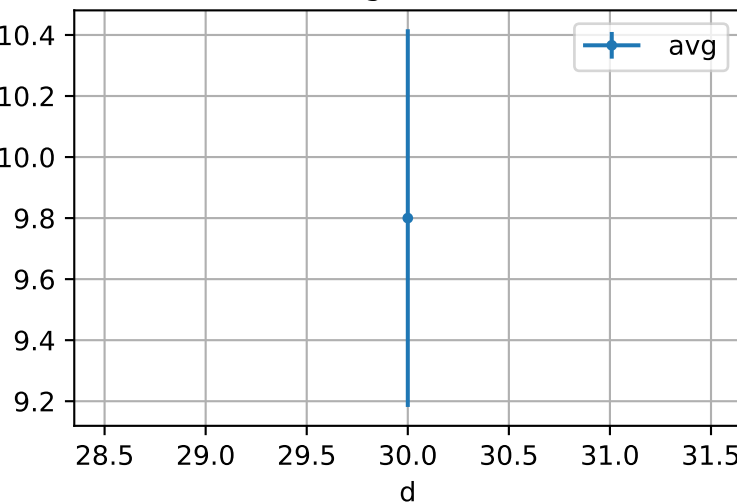
age=20



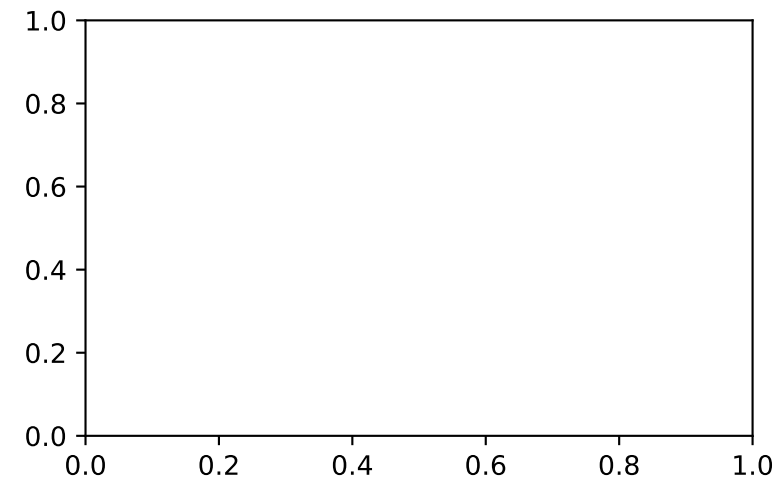
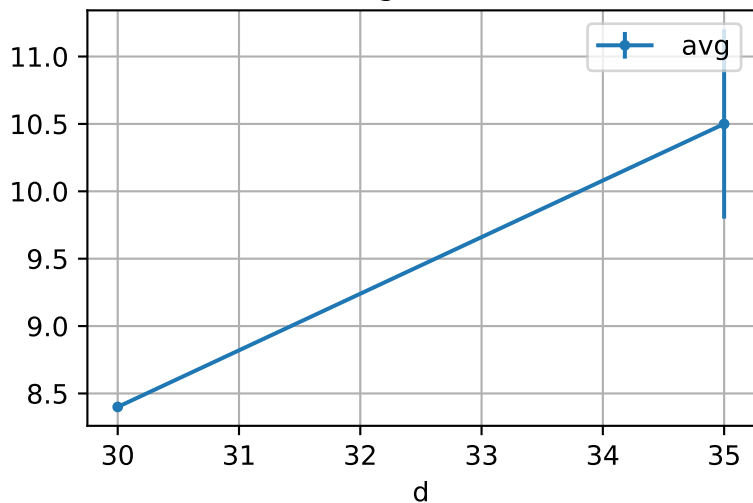
age=25



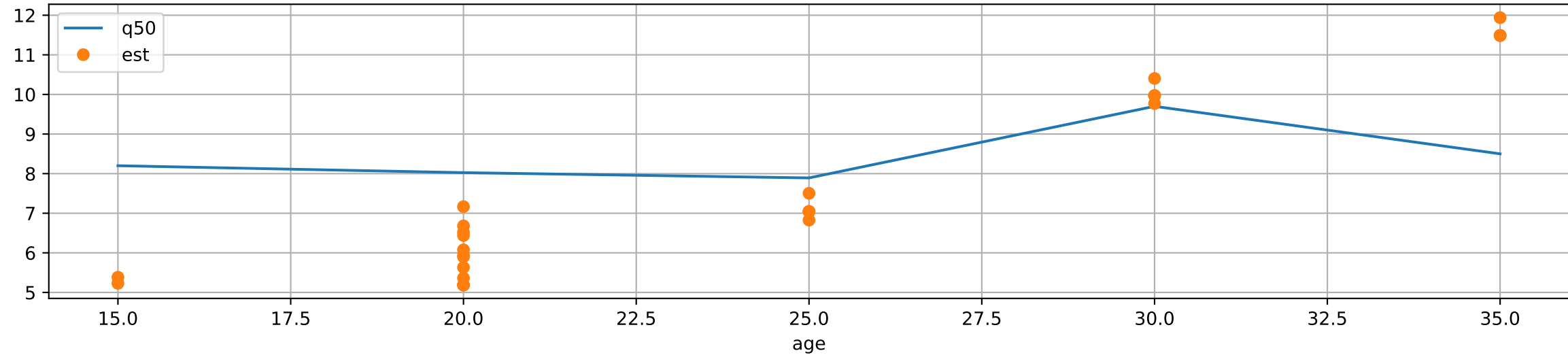
age=30



age=35

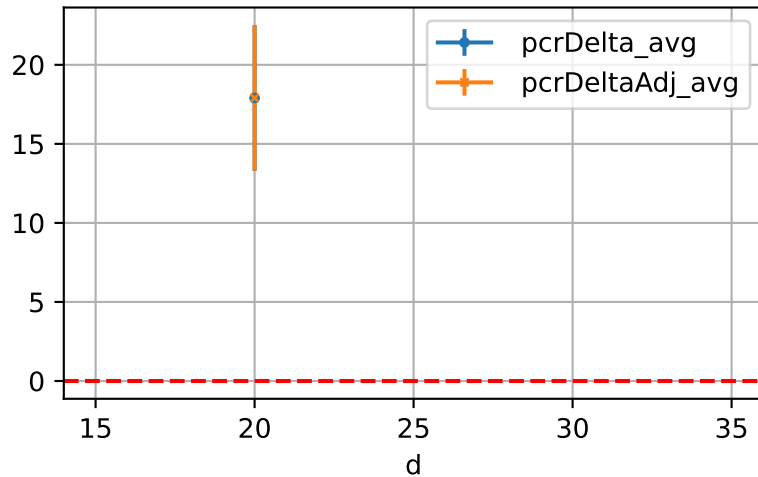


NdD: model est vs obsOv@Q50

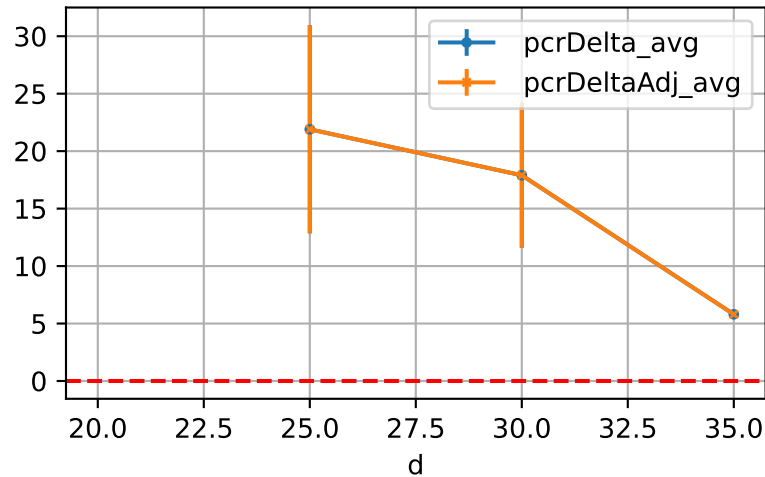


P10AW NdD: D_5d_NdD

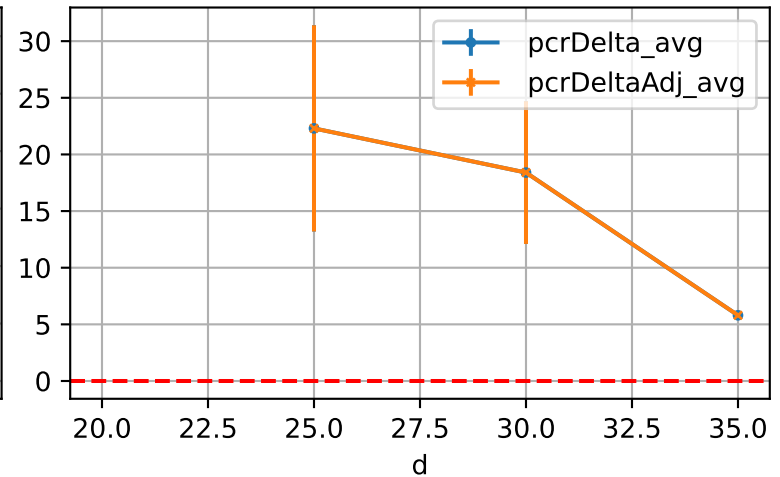
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

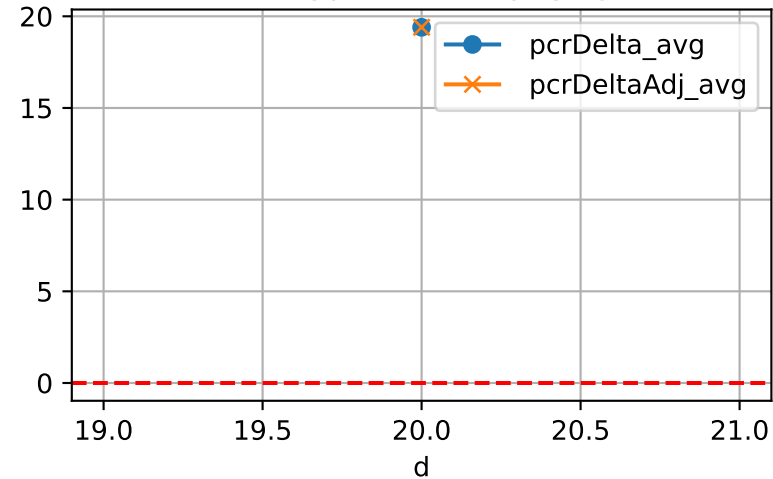


DeltaTypeAbbr=WeiAvgByD

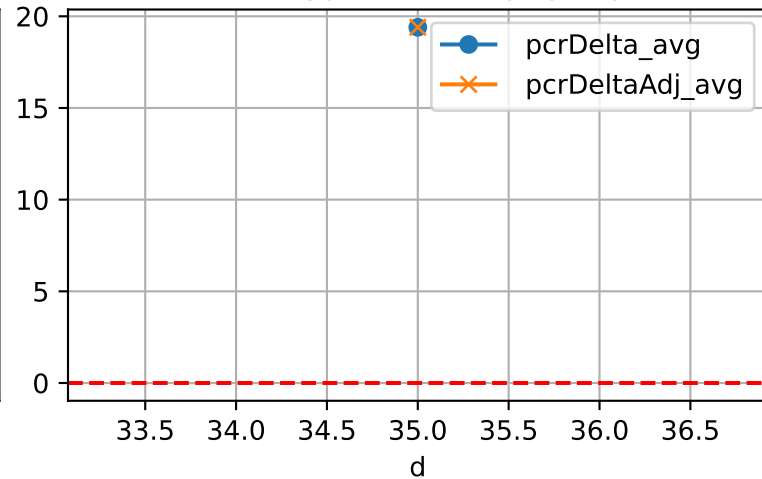


P10AW NdD: D_15d_NdD

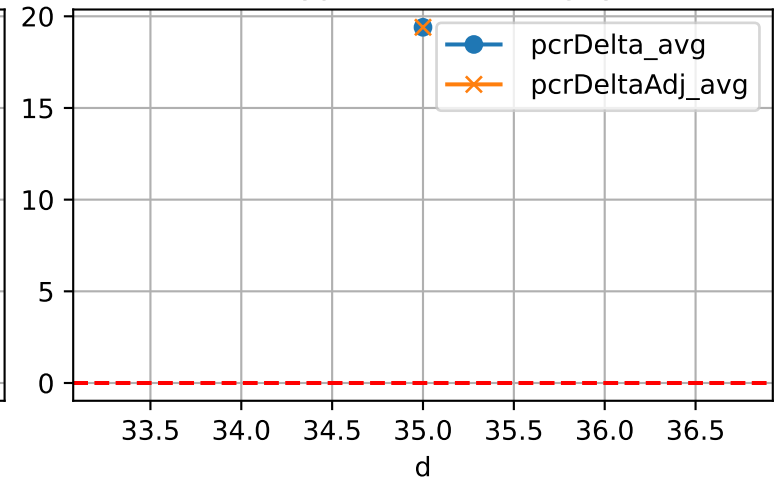
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

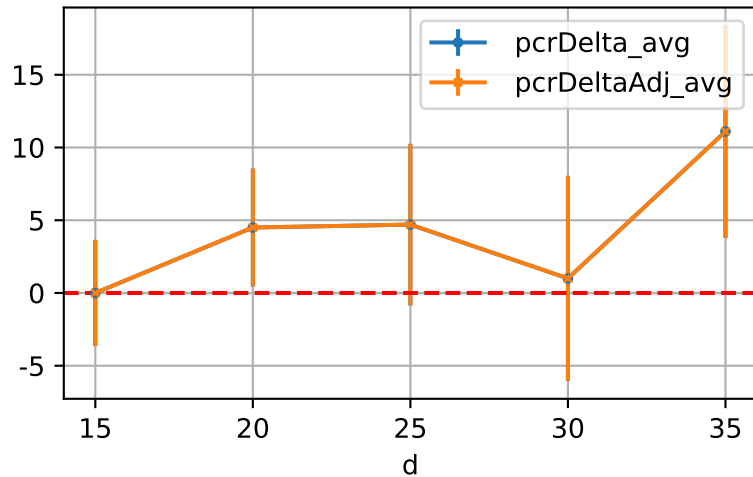


DeltaTypeAbbr=WeiAvgByD

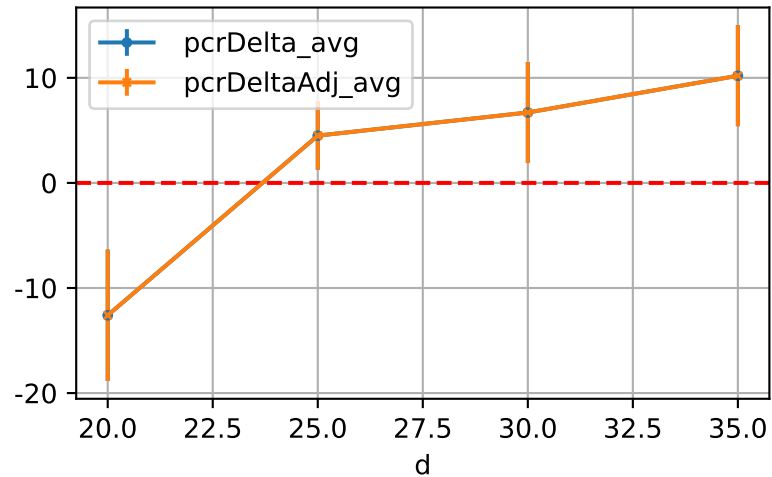


P10AW NdD: D_Q50_NdD

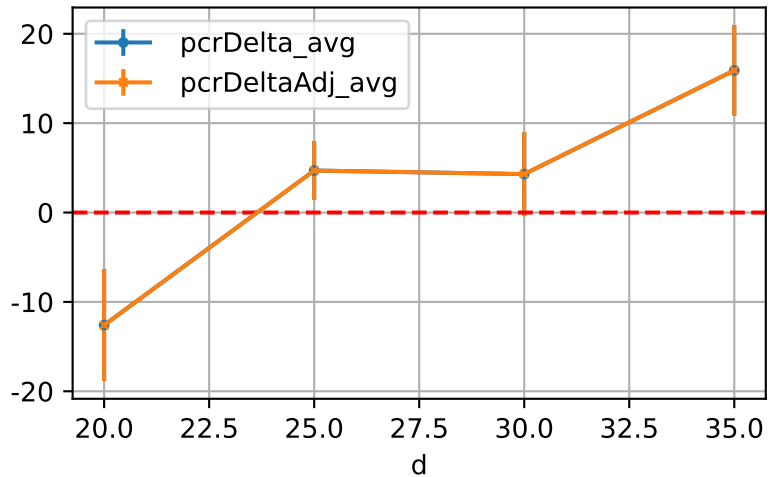
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

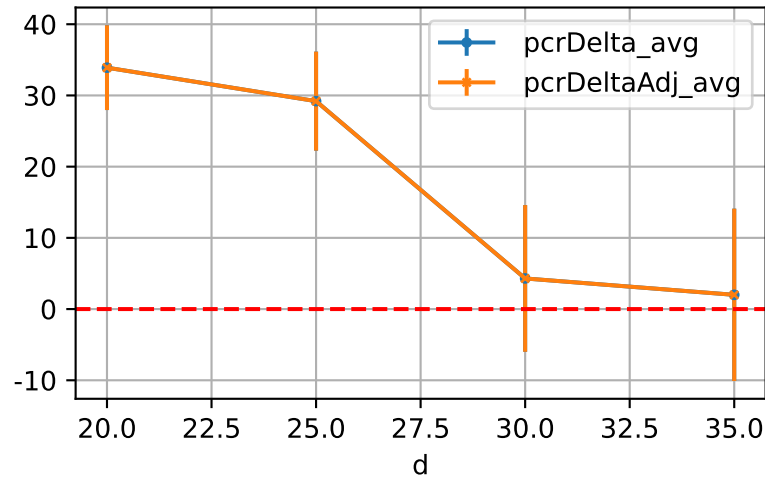


DeltaTypeAbbr=WeiAvgByD

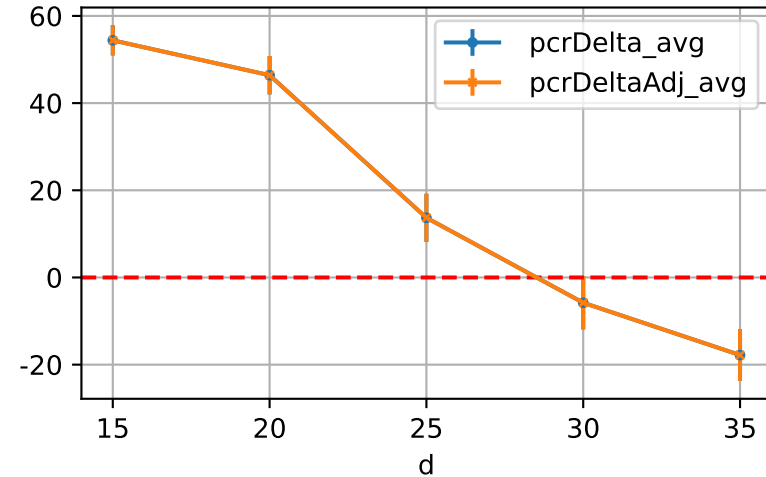


P10AW NdD: D_Est_NdD

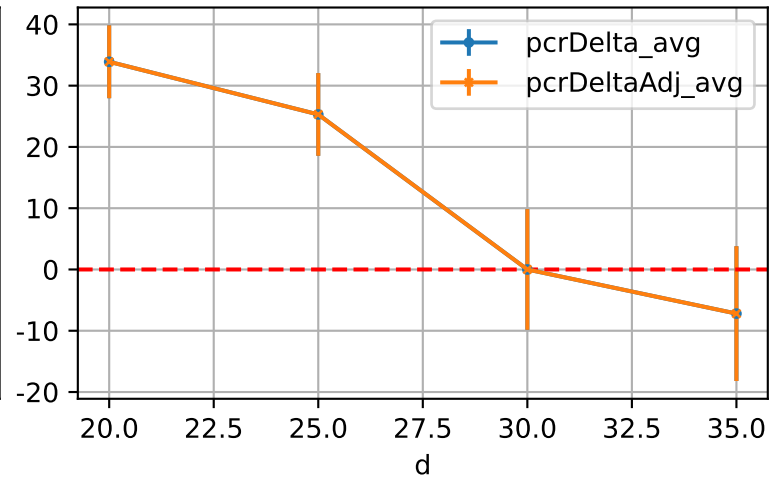
DeltaTypeAbbr=GrpByDay



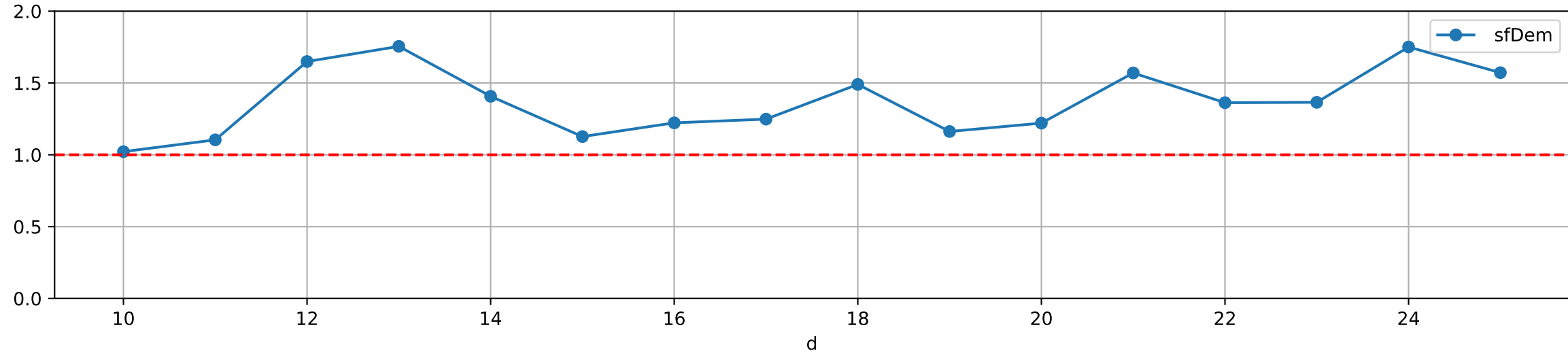
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=WeiAvgByD

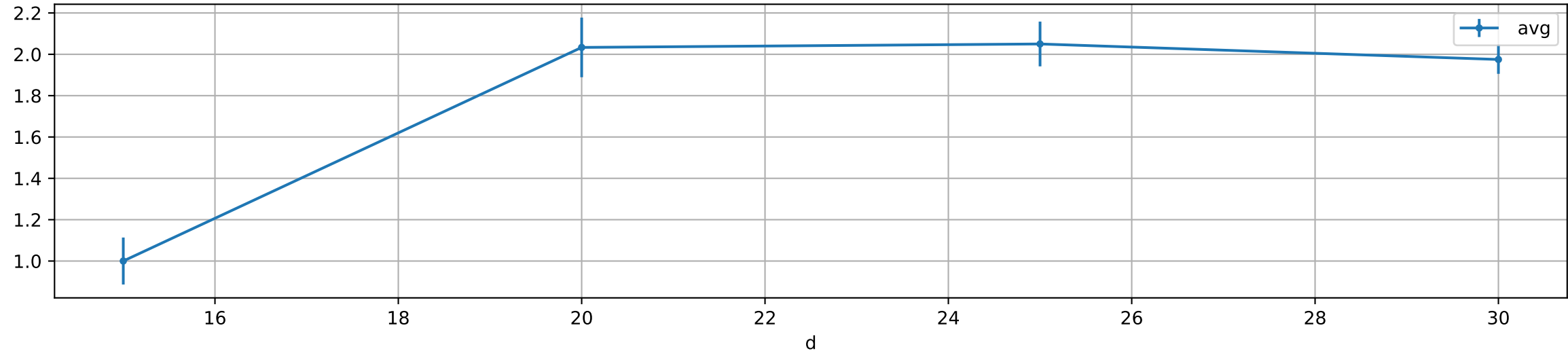


NdD: sfDem

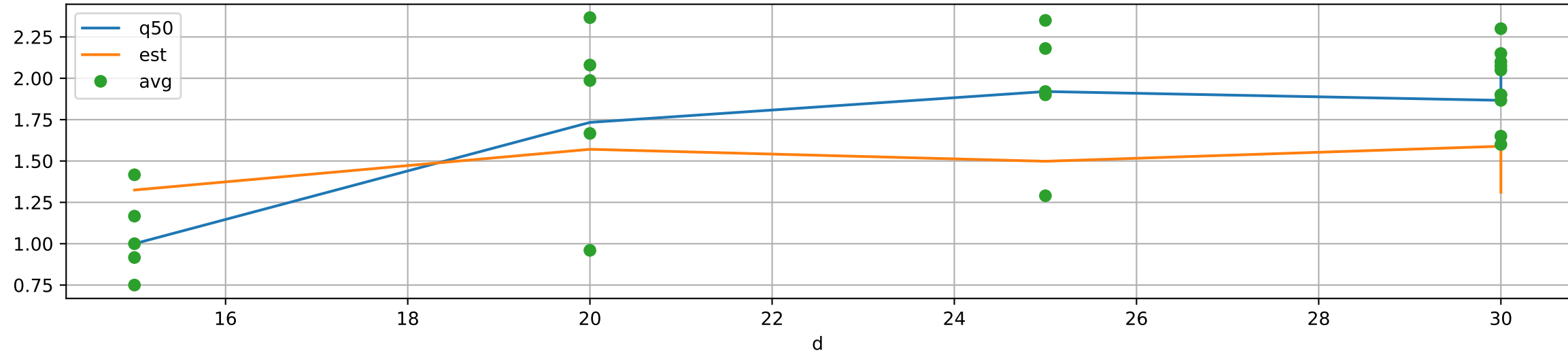




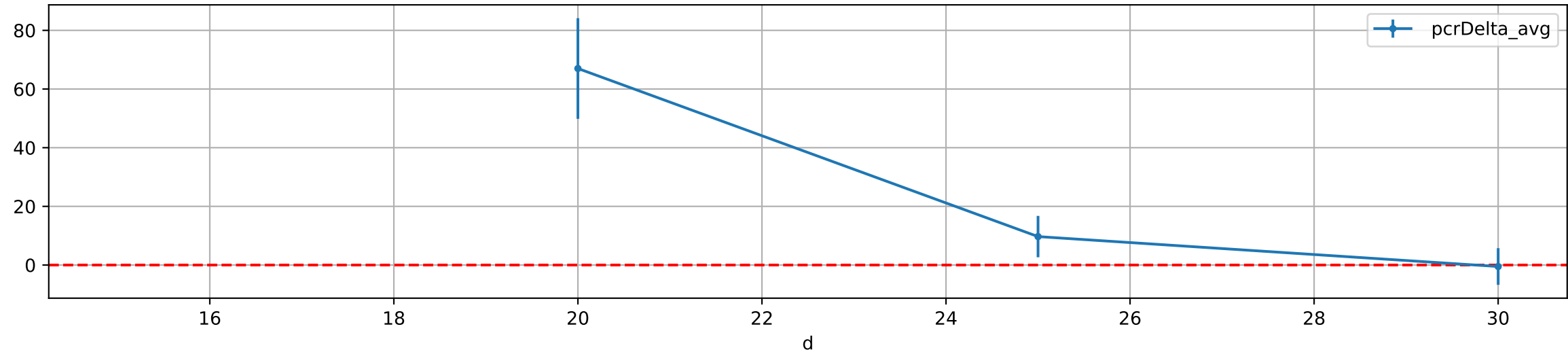
dStH: avg vs. d



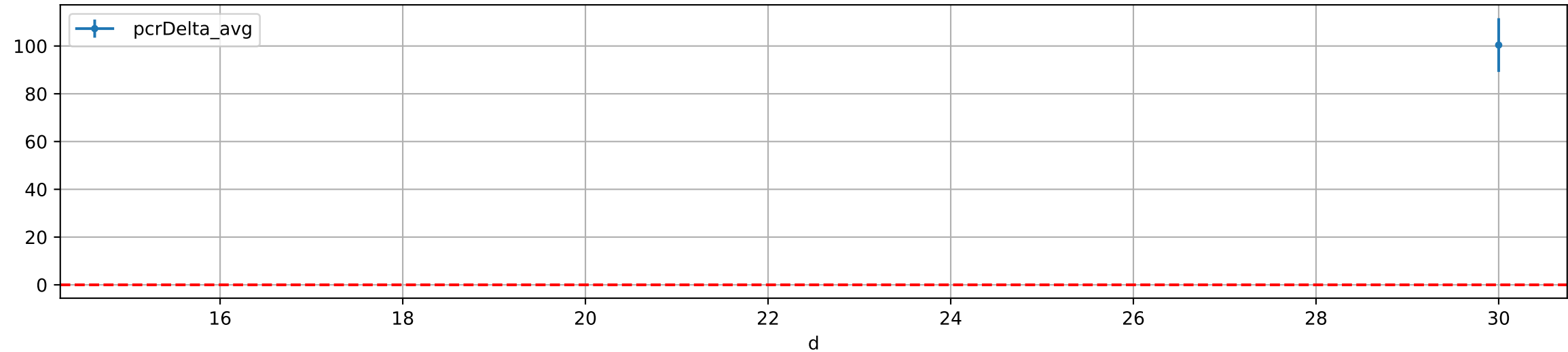
dStH: obsAvg vs obsOv@Q50



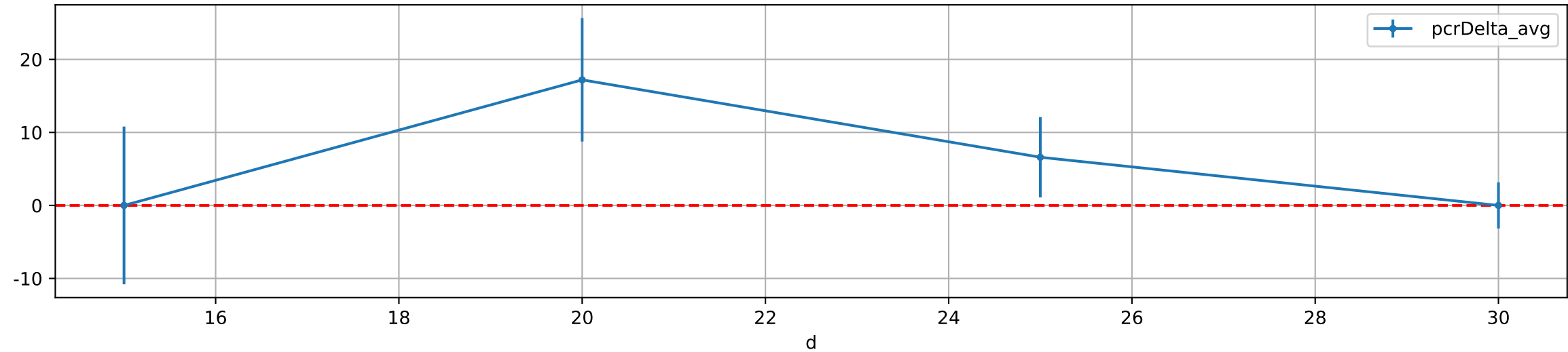
dStH: D_5d_StH



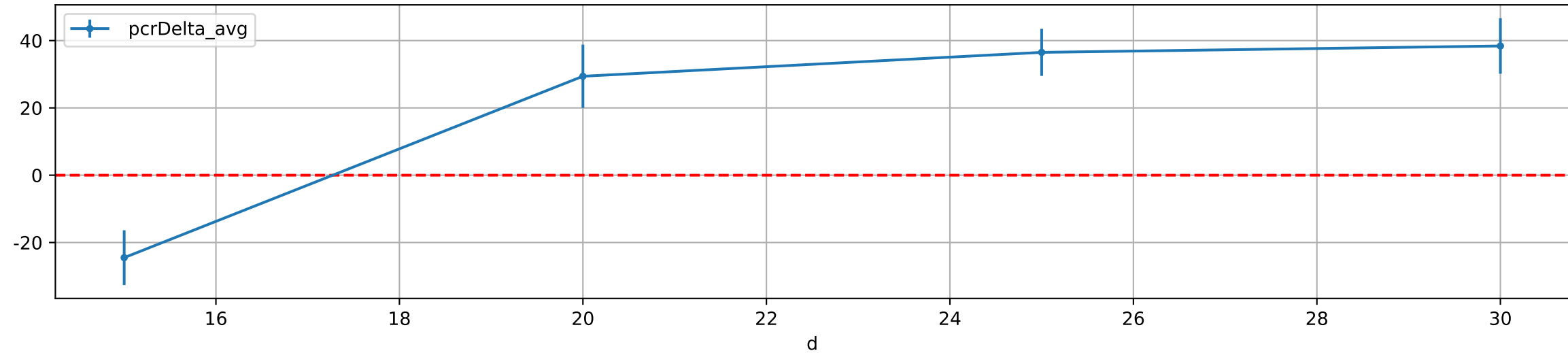
dStH: D_15d_StH



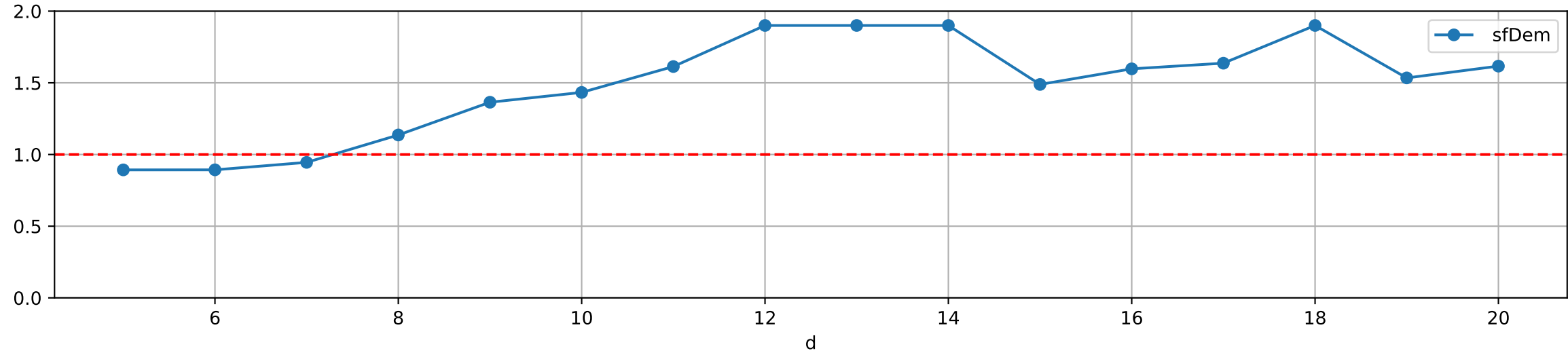
dStH: D_Q50_StH



dStH: D_Est_StH

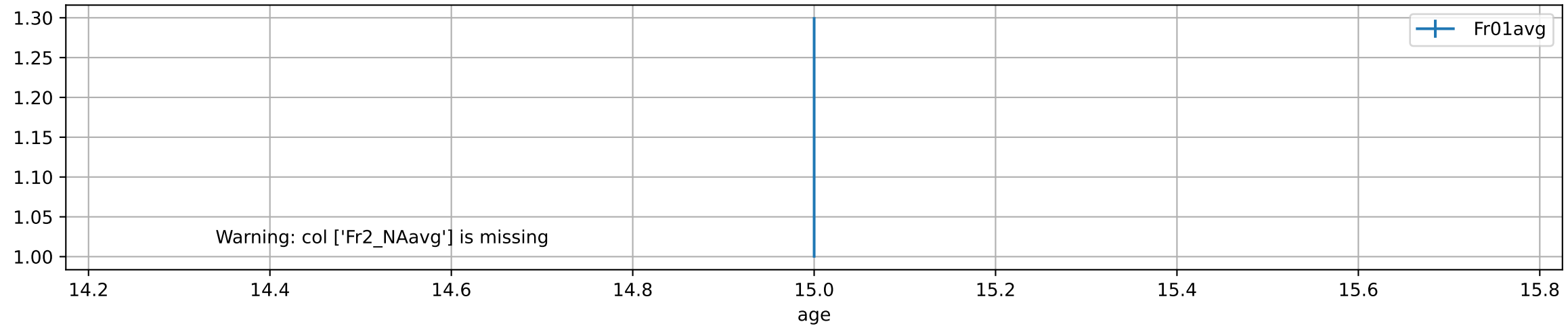


dStH: sfDem



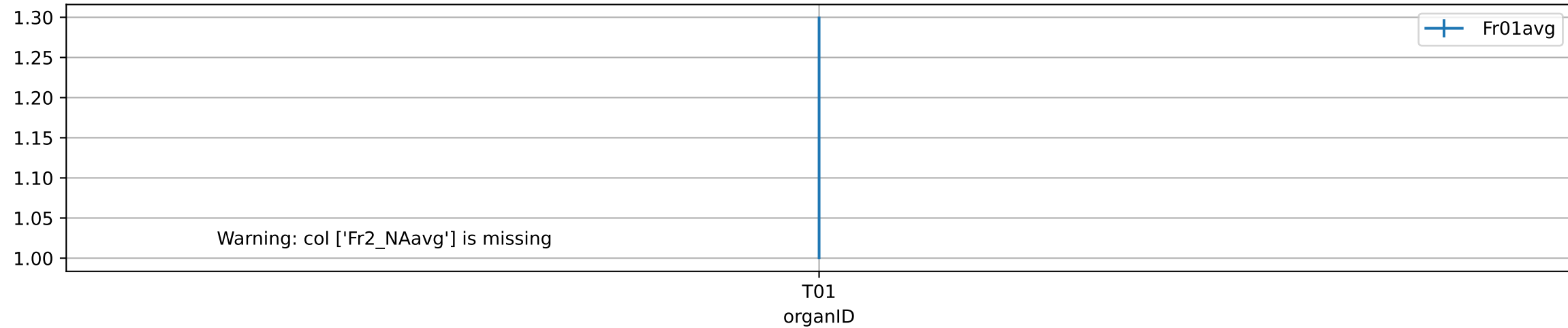


FrV: Fr01 vs Fr2_NA at each truss
organID=T01

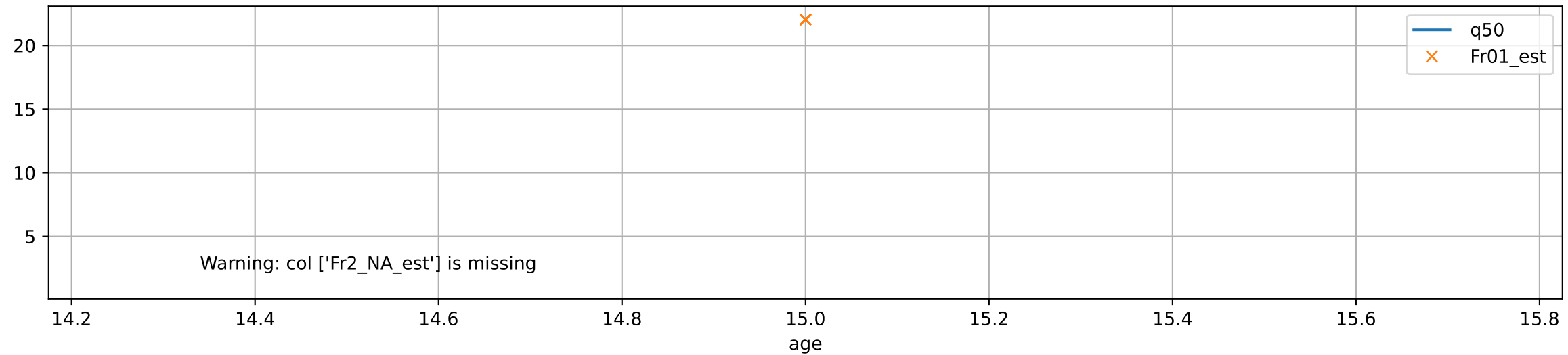


FrV trend at each age

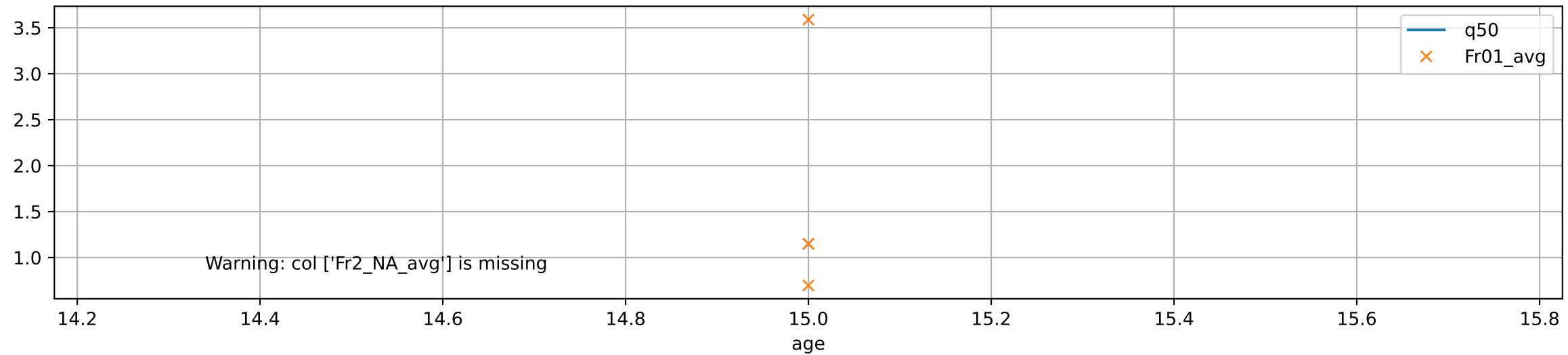
age=15



FrV: model Est vs obsFrV at Q90



FrV: obsFrV vs obsFrV@Q90

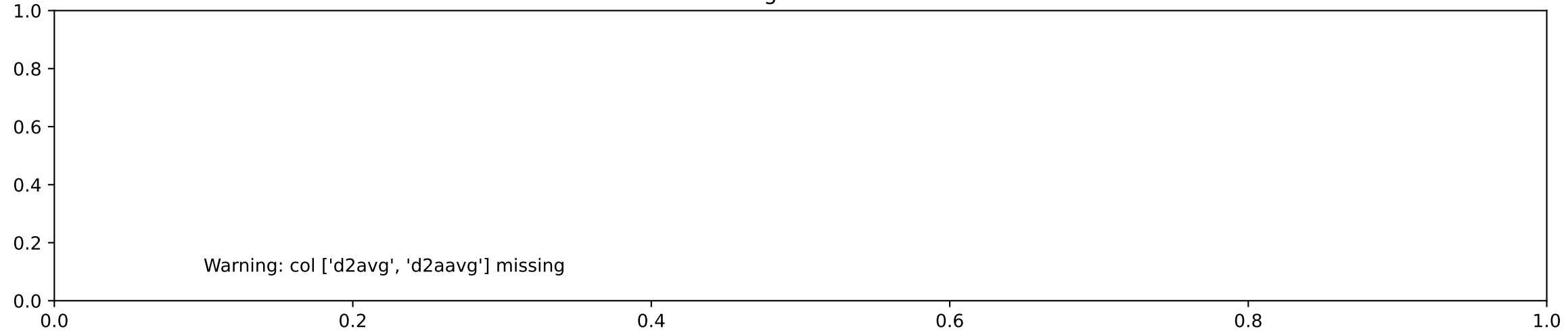


FrV: D_Fr1_FrV
organID=1

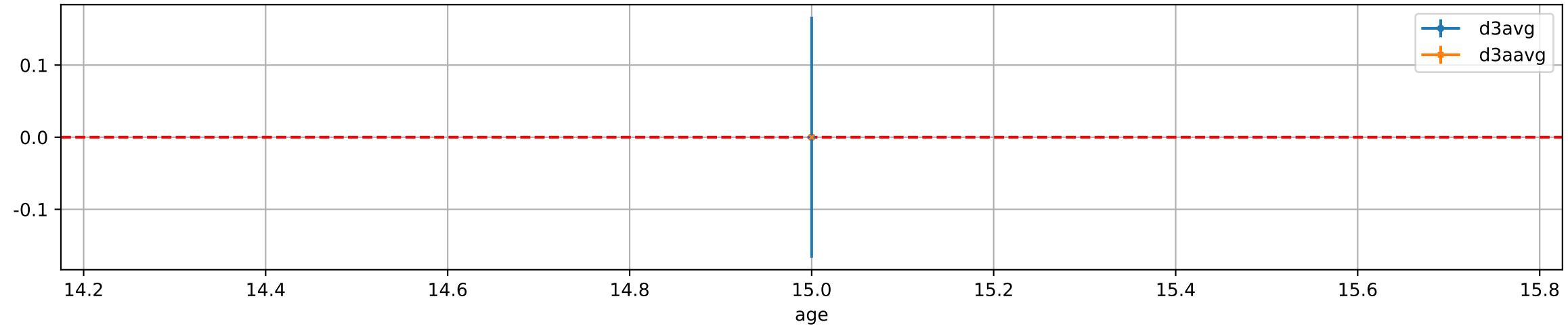
Warning: col ['d1avg', 'd1aavg'] missing

FrV: D_Ts_FrV
organID=1

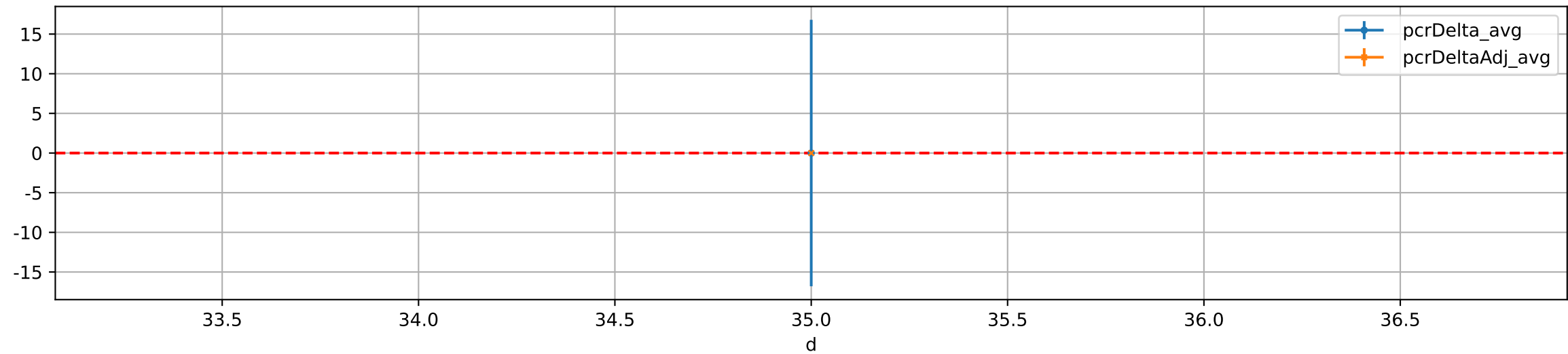
Warning: col ['d2avg', 'd2aavg'] missing



FrV: D_Q50_FrV
organID=1



P10AW FrV: D_Q50_FrV



FrV: D_Est_FrV
organID=1

