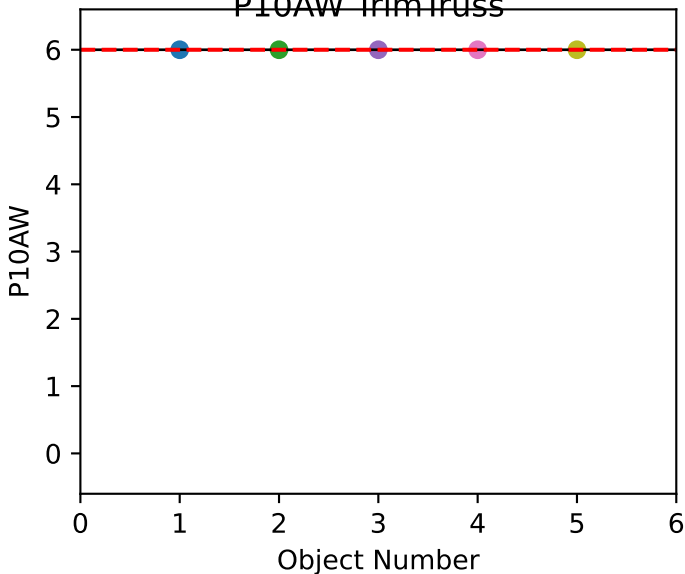


Phenotype Data Analysis Plots
PhenoData day range = 10 - 31
Analysis cutoff day = 31
NC11 P10
2025-05-02 (Day 32)

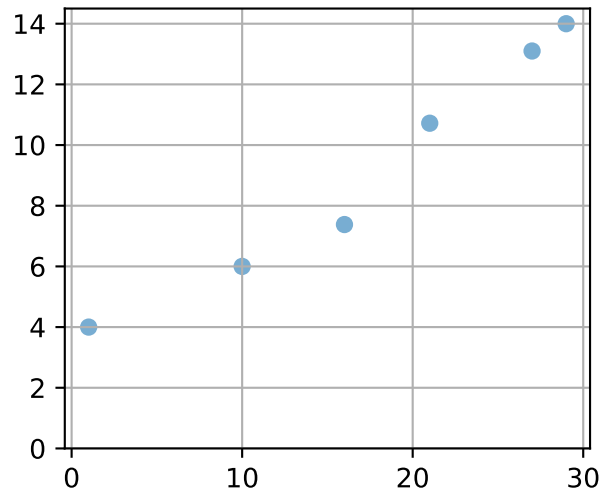
TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

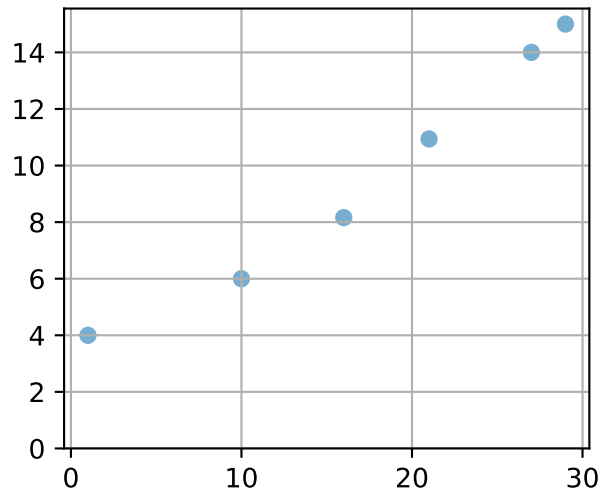
P10AW Trim Truss



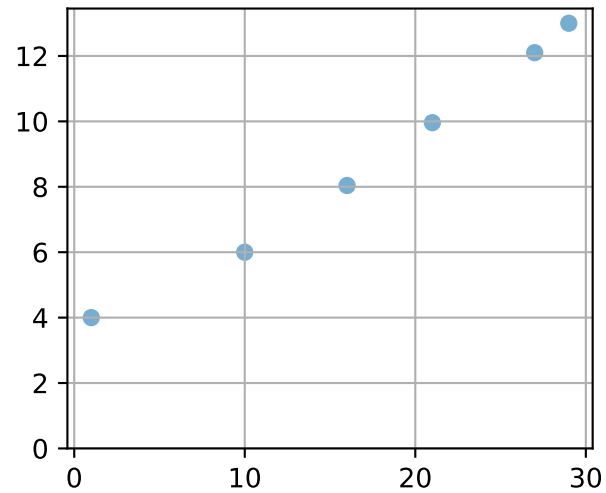
P10AW-003-11 (fit failed)



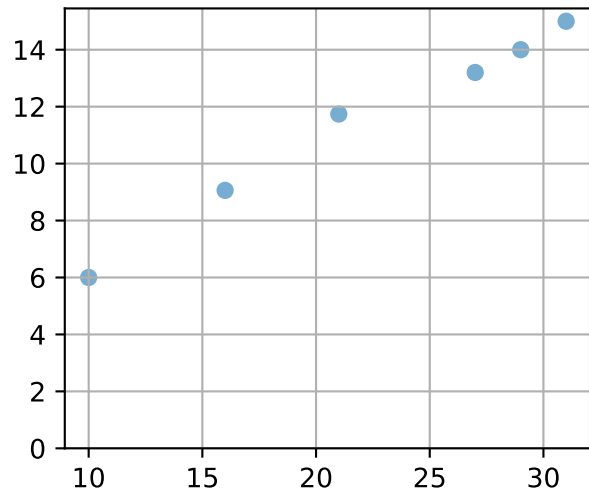
P10AW-016-13 (fit failed)



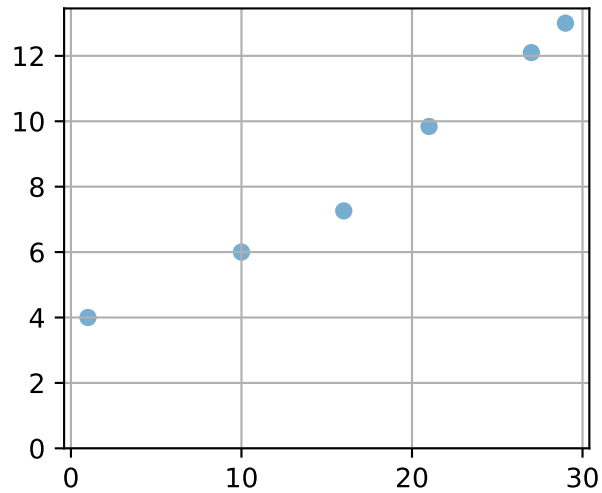
P10AW-029-30 (fit failed)



P10AW-041-24 (fit failed)

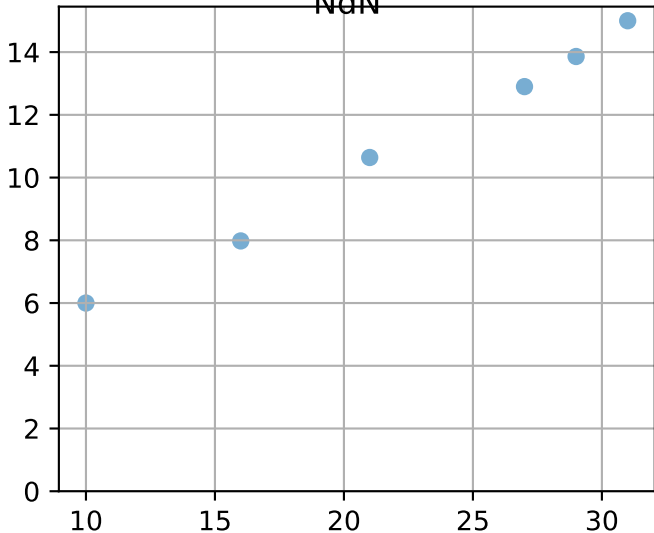


P10AW-054-10 (fit failed)

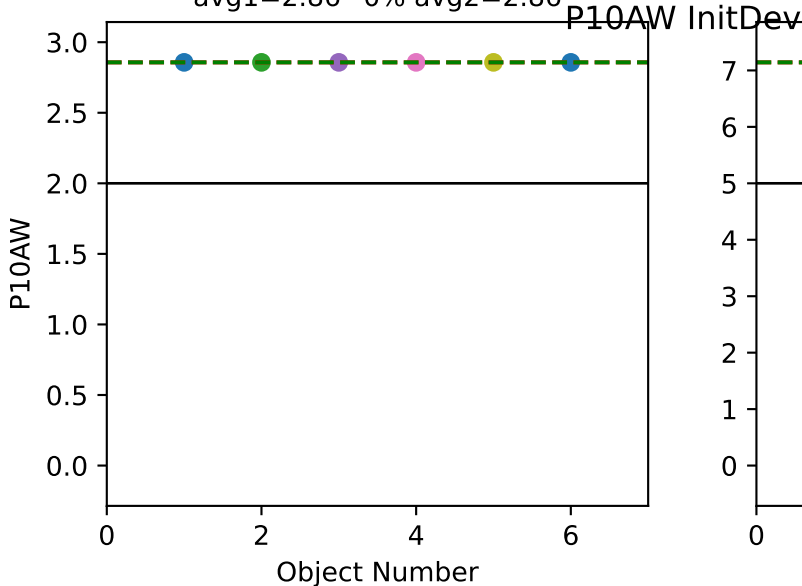


P10AWavg (fit failed)

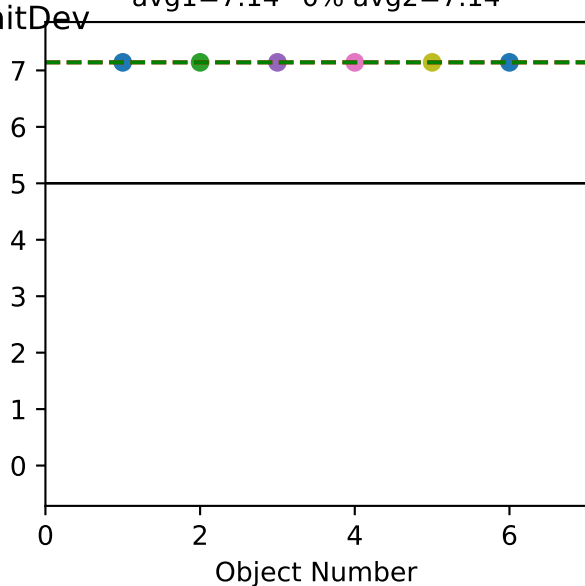
NaN



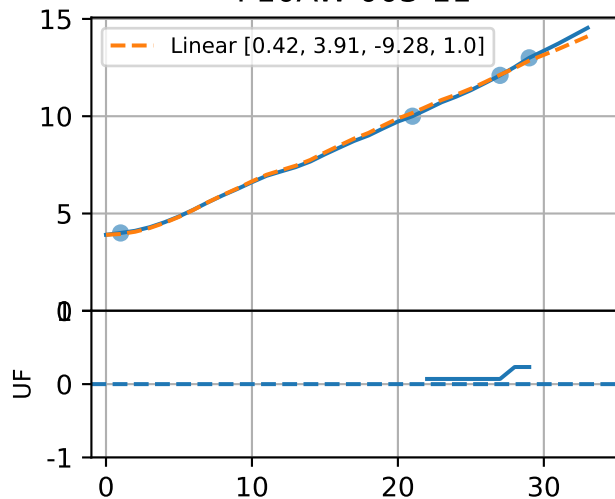
InitDev_dm (Def=2 Set=2.86)
avg1=2.86~0% avg2=2.86



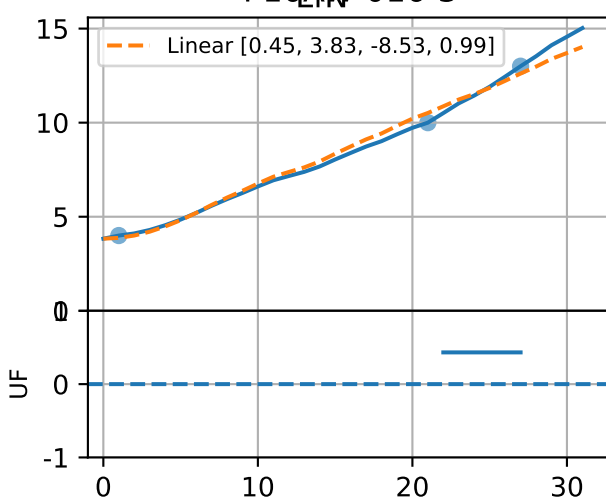
InitDev_de (Def=5 Set=7.14)
avg1=7.14~0% avg2=7.14



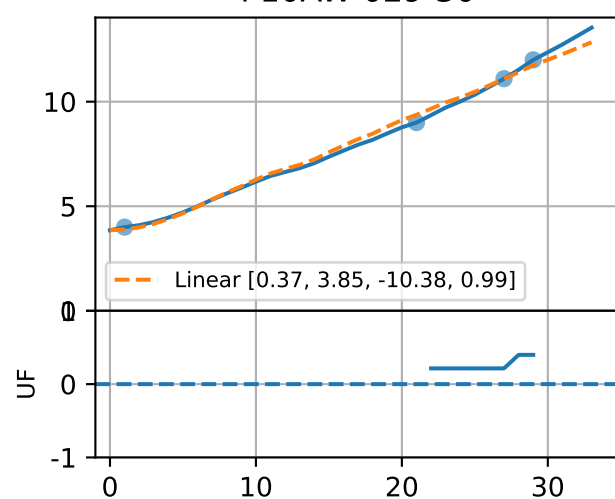
P10AW-003-11



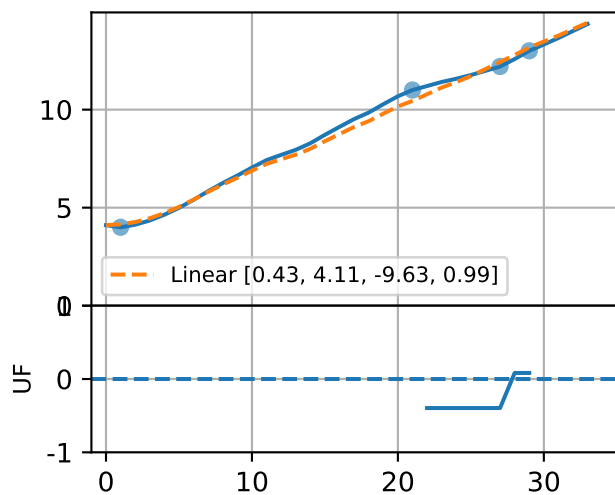
P10AW-016-3



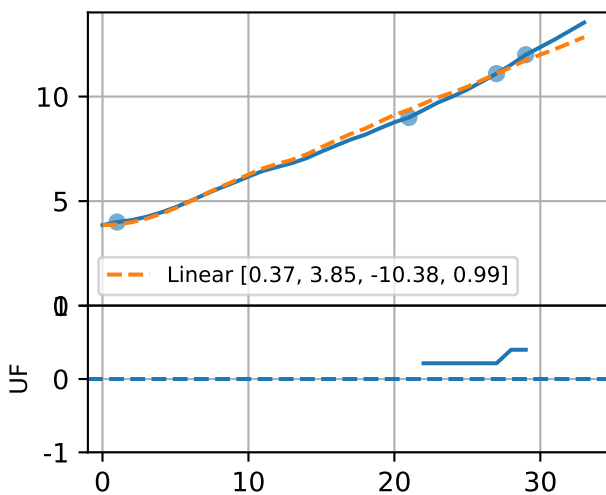
P10AW-029-30



P10AW-041-24



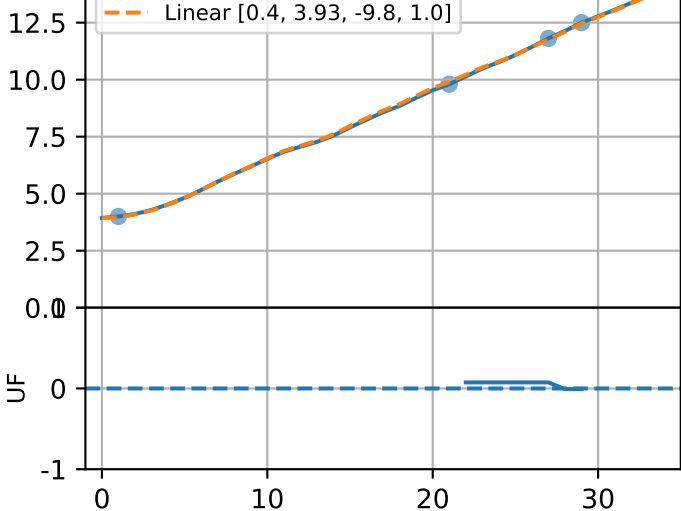
P10AW-054-10

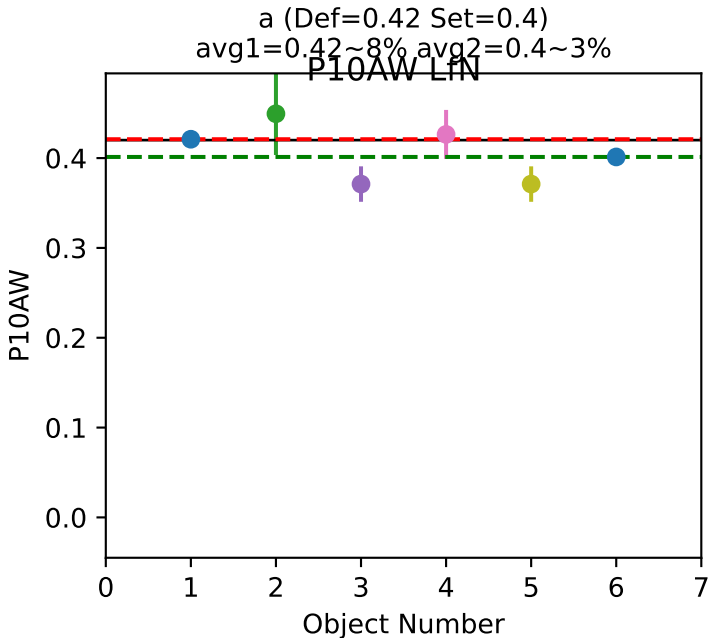


P10AWavg

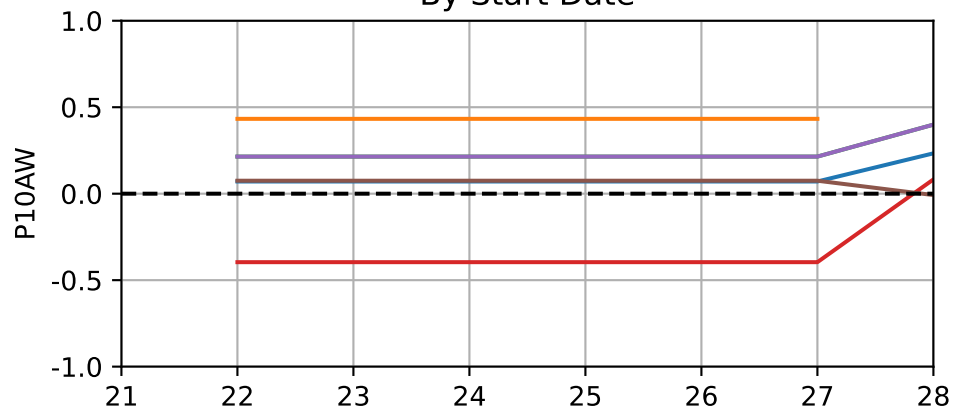
LfN

Linear [0.4, 3.93, -9.8, 1.0]

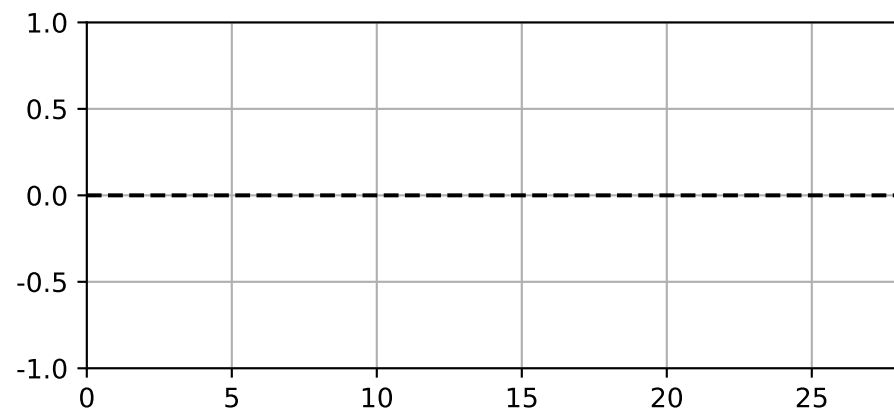
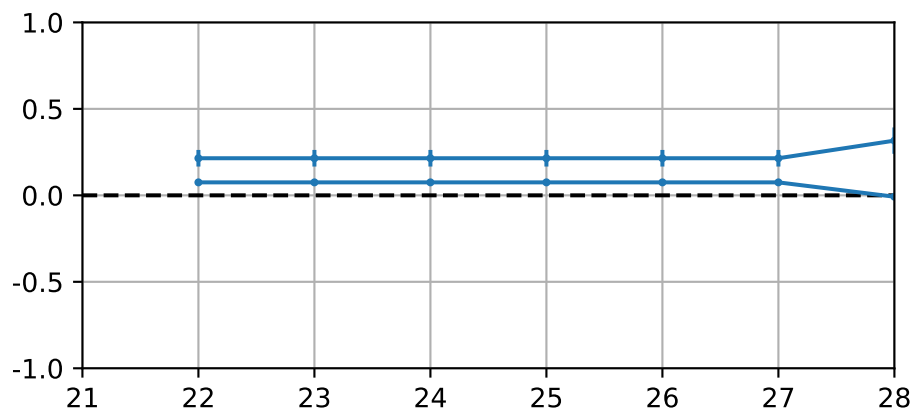




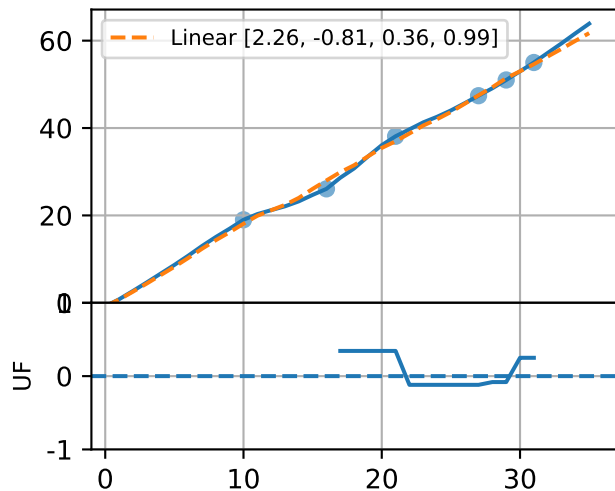
By Start Date



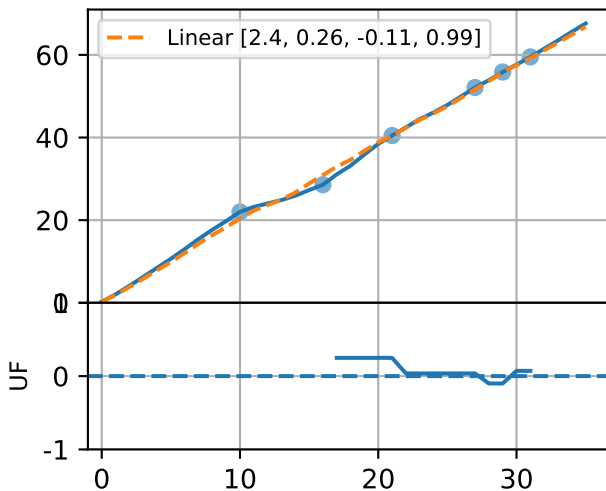
By Plant/Organ Age



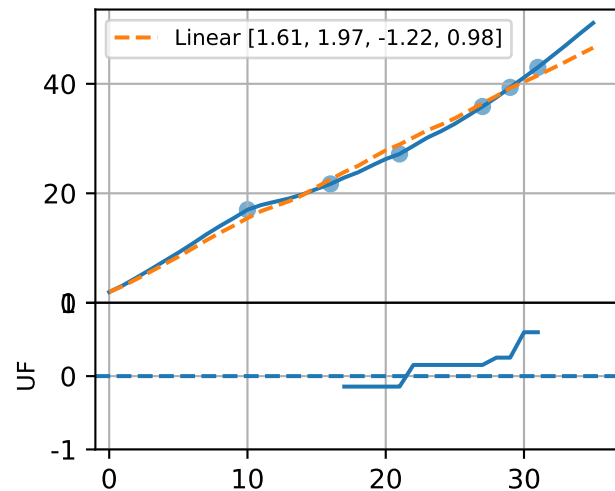
P10AW-003-11



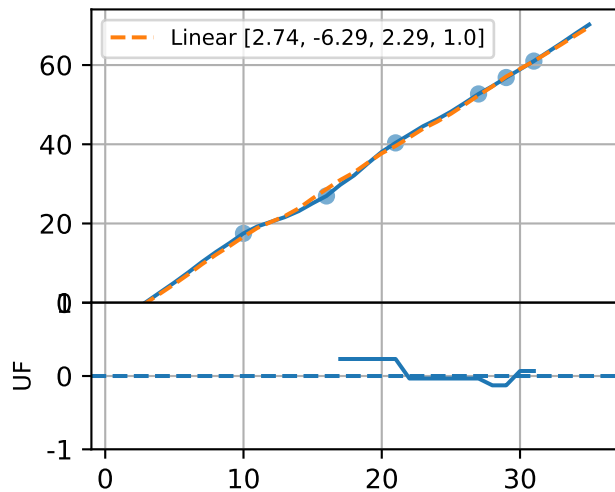
P10AW-016-3



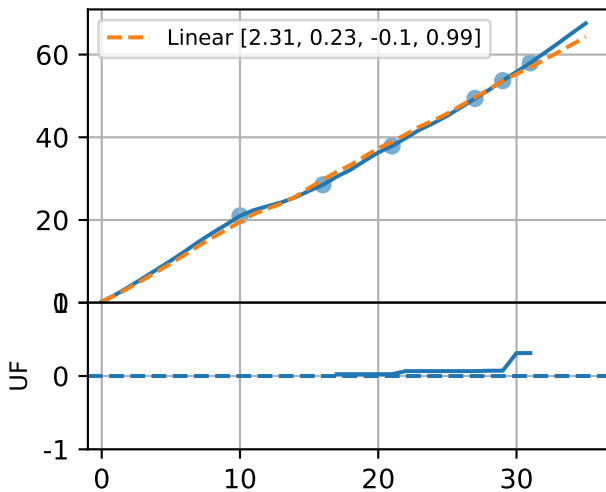
P10AW-029-30



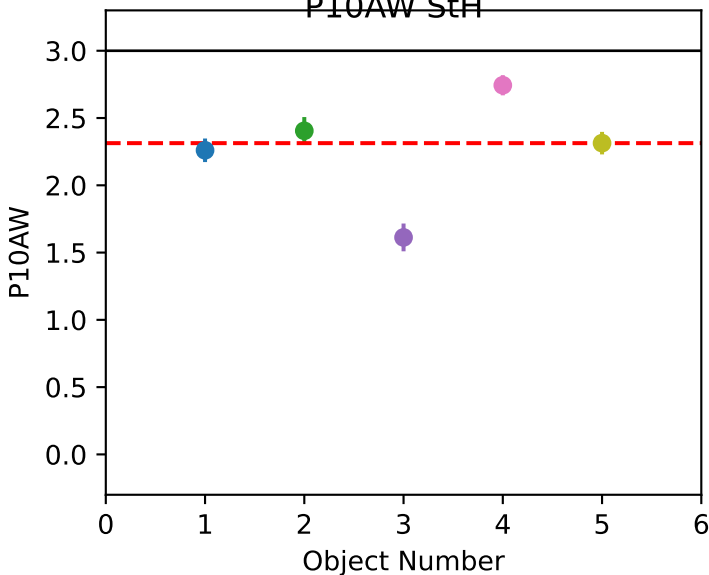
P10AW-041-24



P10AW-054-10

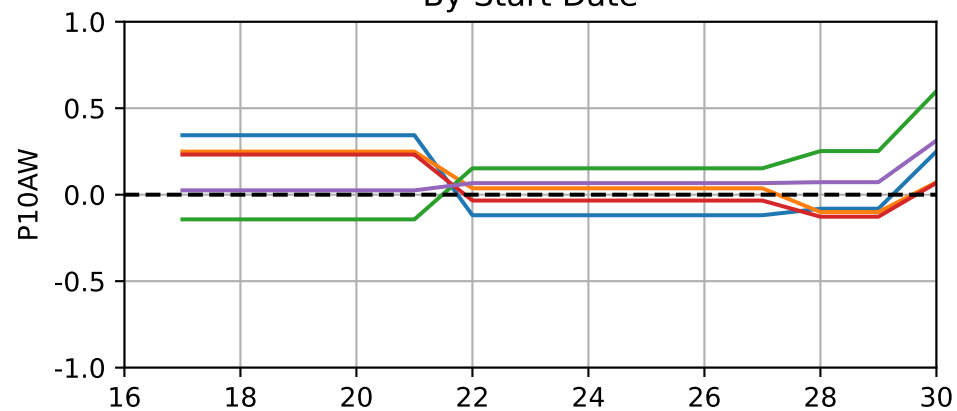


a (Def=3 Set=2.31)
avg1=2.31~3% avg2=na

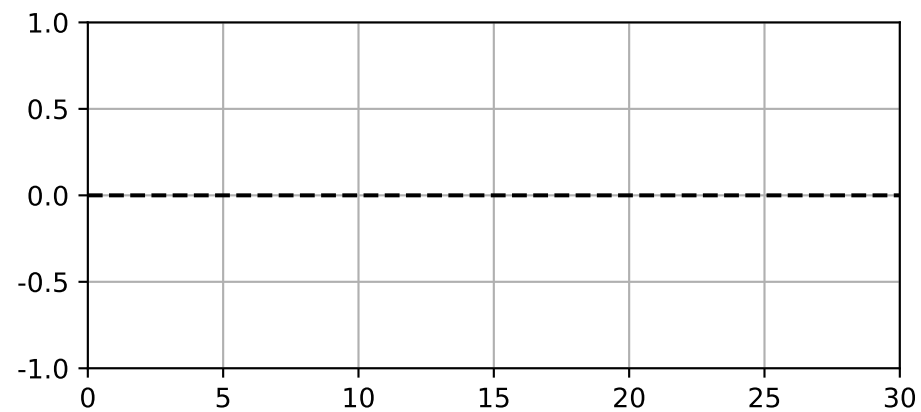
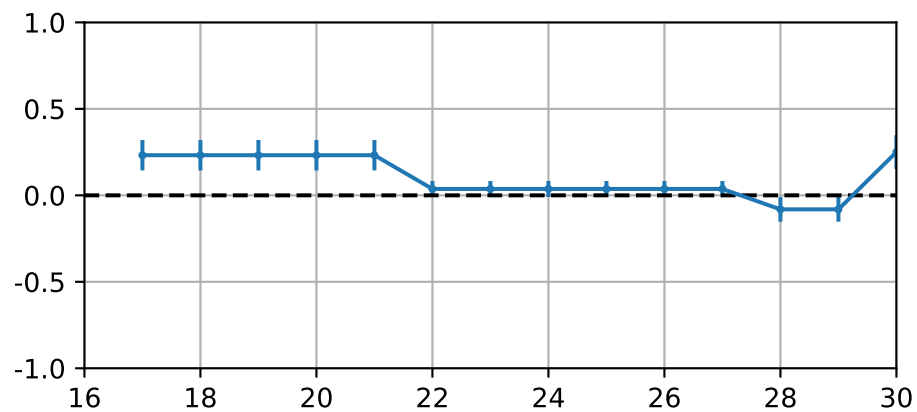
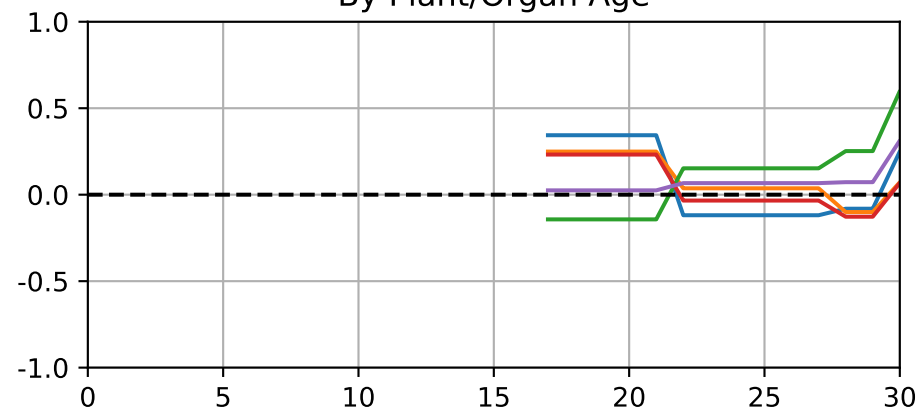


StH

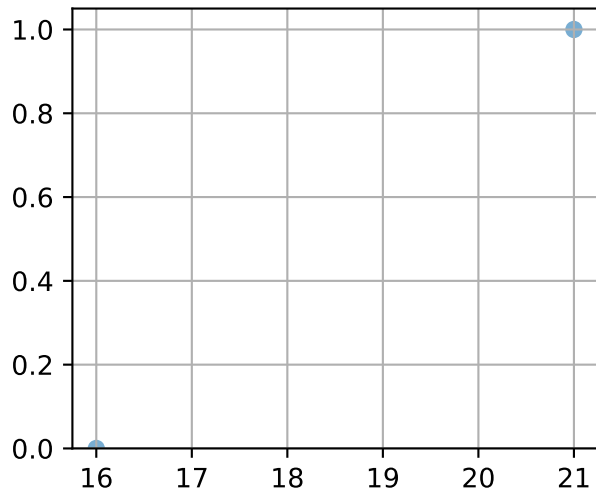
By Start Date



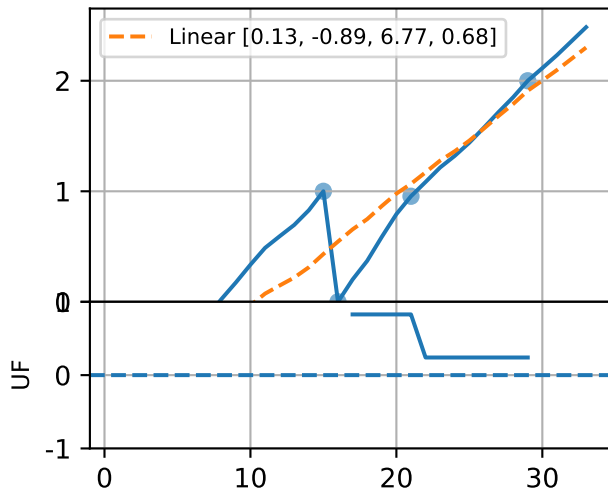
By Plant/Organ Age



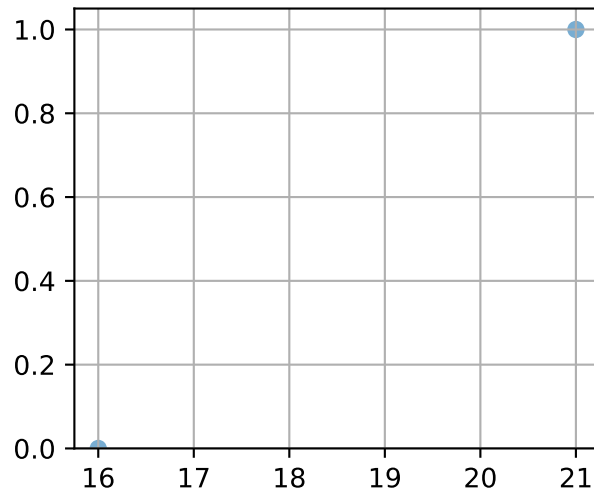
P10AW-003-11 (fit failed)



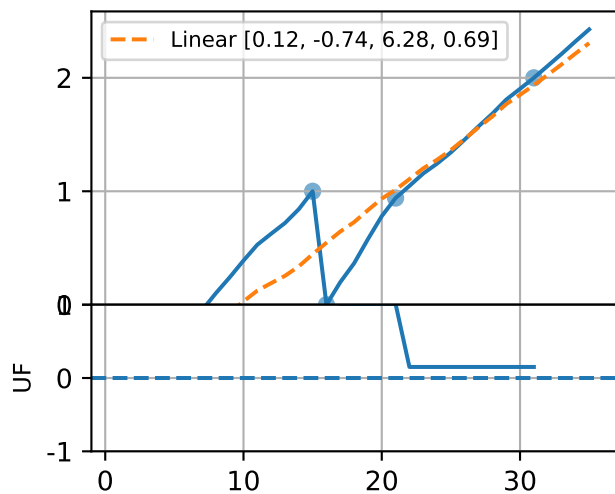
P10AW-016-3



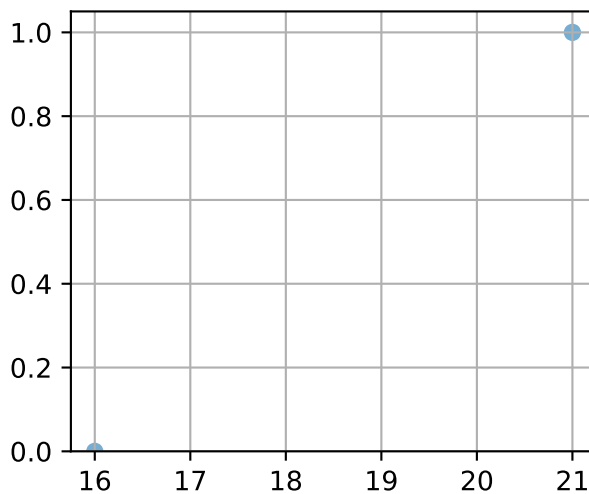
P10AW-029-30 (fit failed)



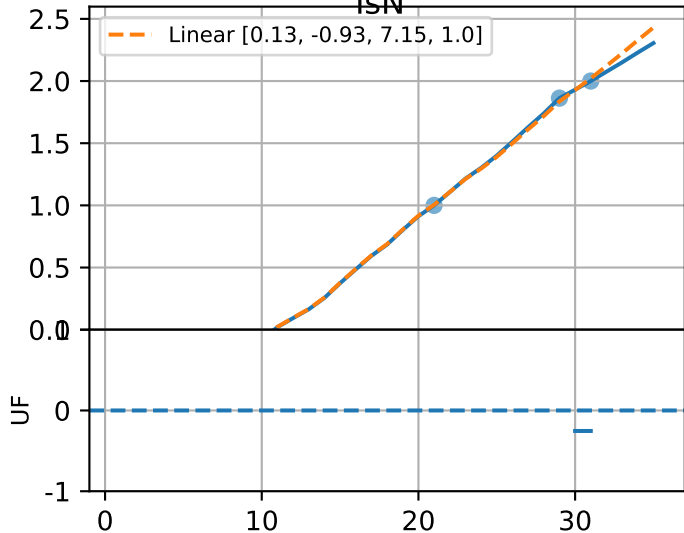
P10AW-041-24

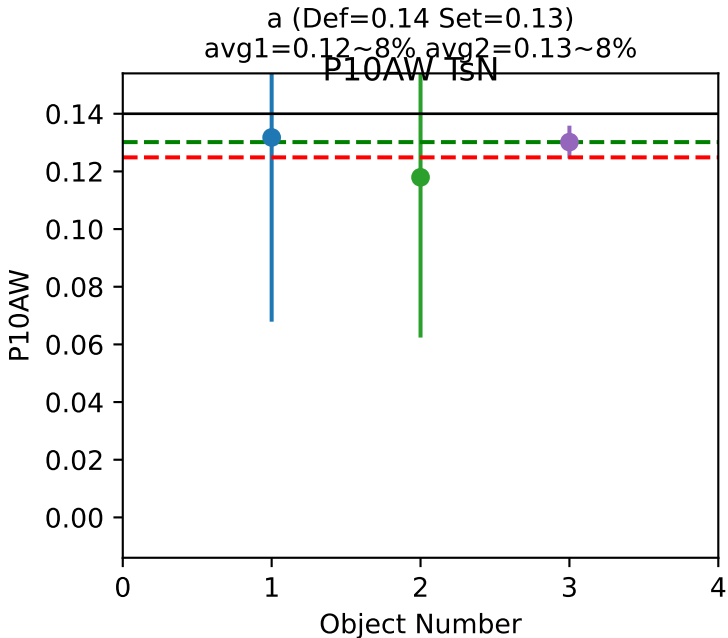


P10AW-054-10 (fit failed)



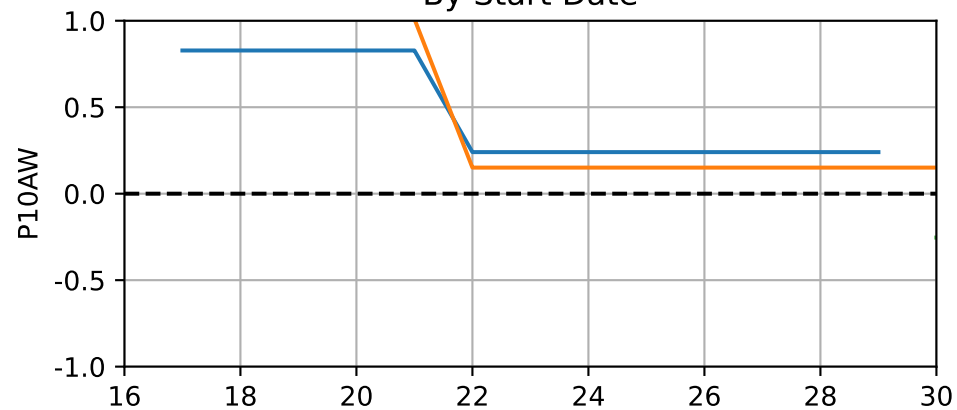
P10AWavg TSN



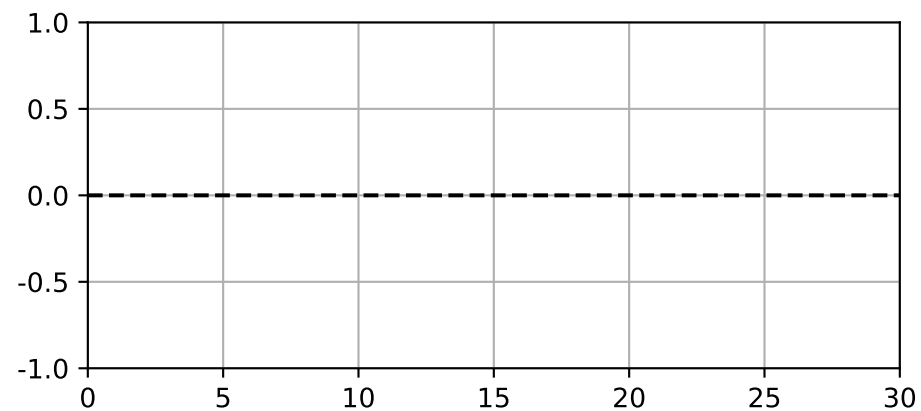
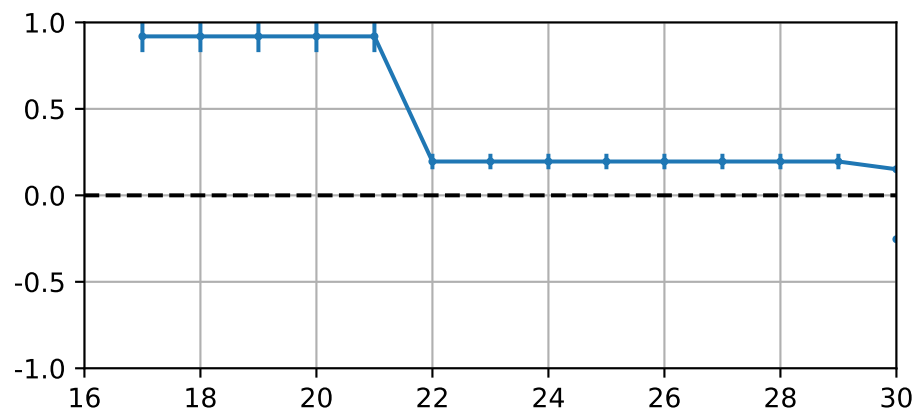
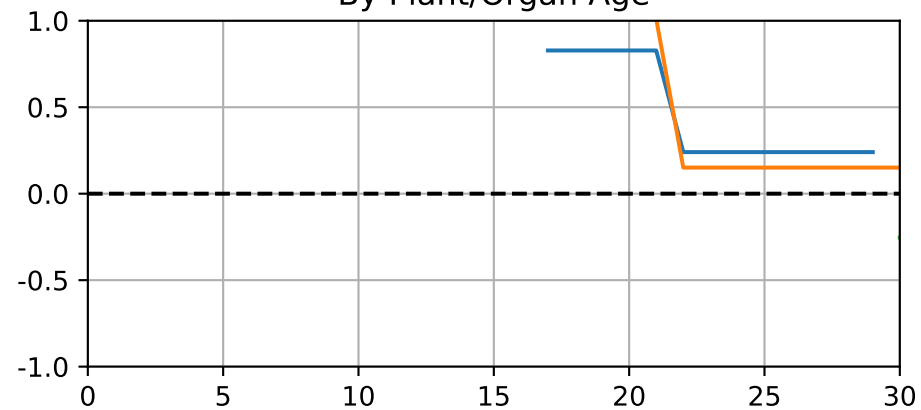


TSN

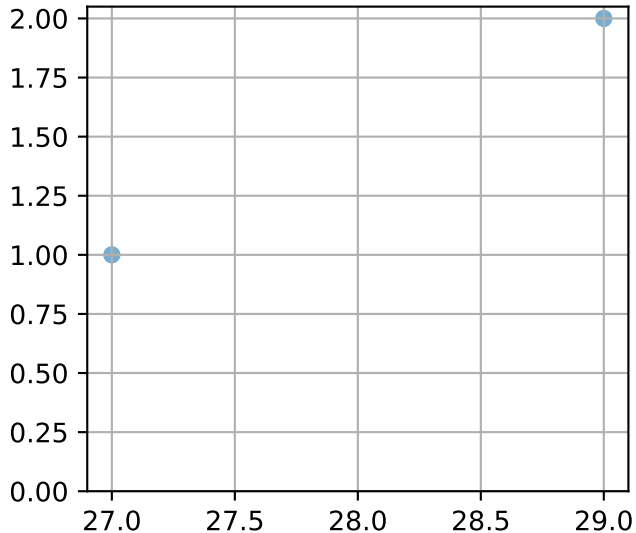
By Start Date



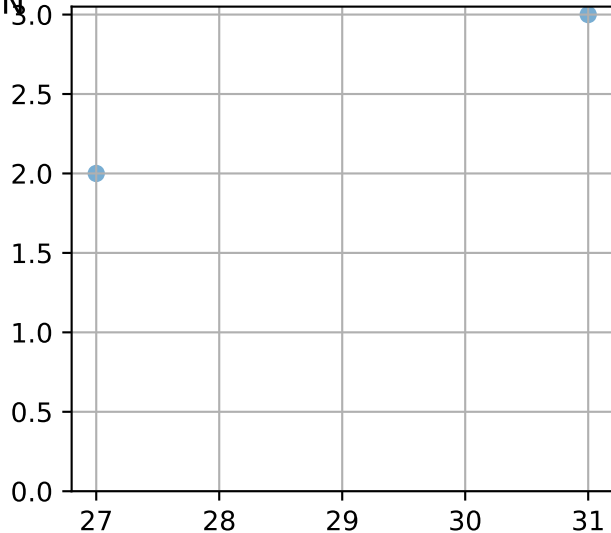
By Plant/Organ Age



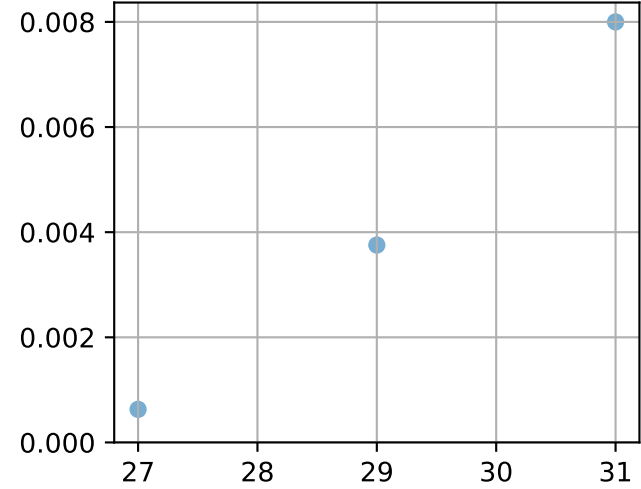
P10AW-016-3T1 (fit failed)



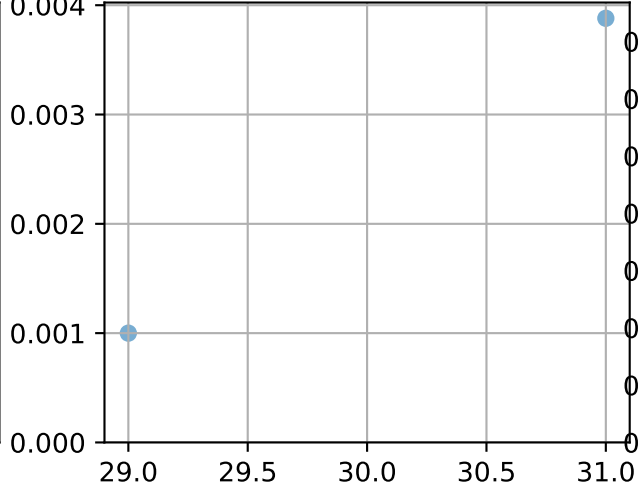
FrN P10AW-054-10T1 (fit failed)



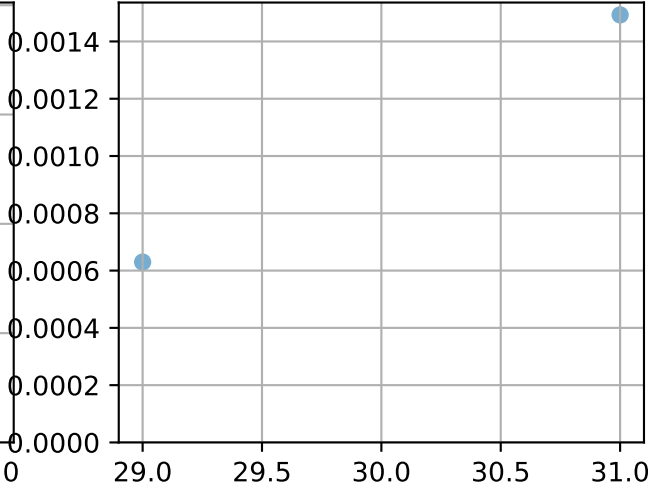
P10AW-016-3T1Fr1 (fit failed)



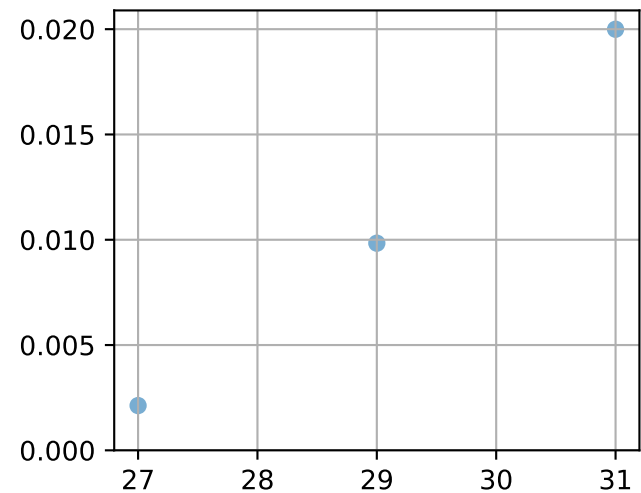
P10AW-029-30T1Fr1 (fit failed)



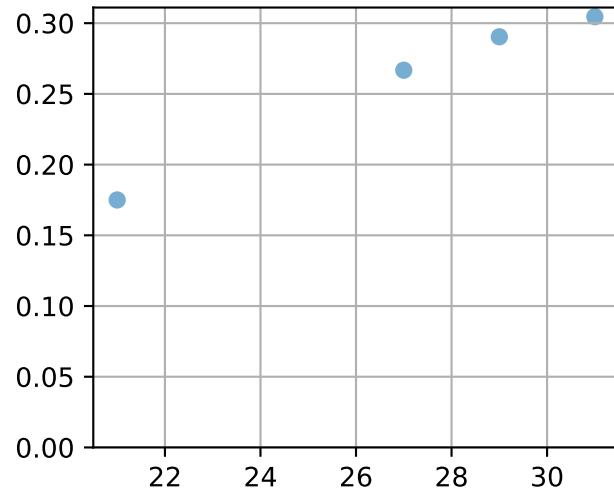
P10AW-041-24T1Fr1 (fit failed)



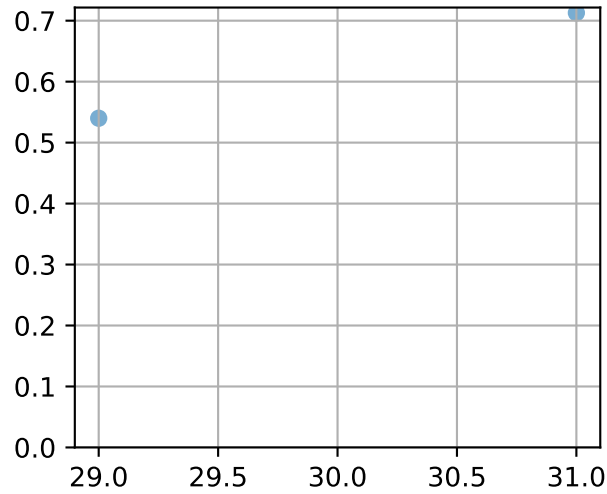
P10AW-054-10T1Fr1 (fit failed)



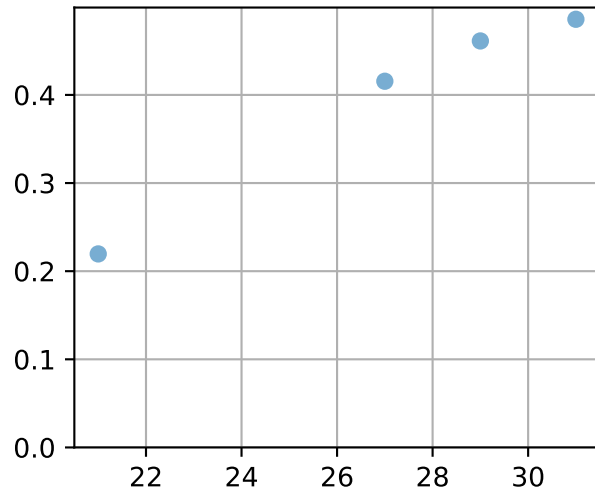
P10AW-003-11L6 (fit failed)



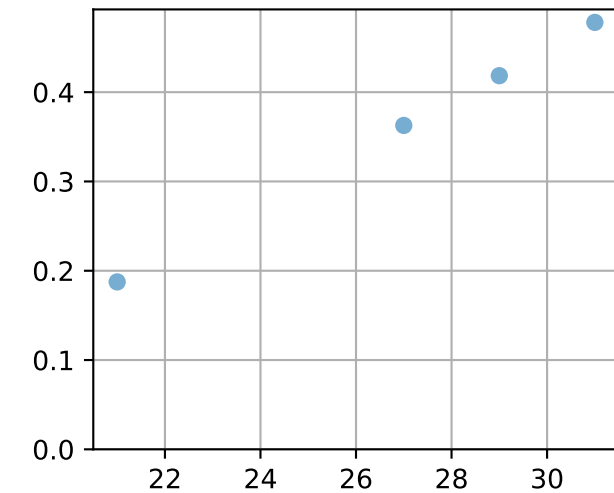
P10AW-016-21L10 (fit failed)



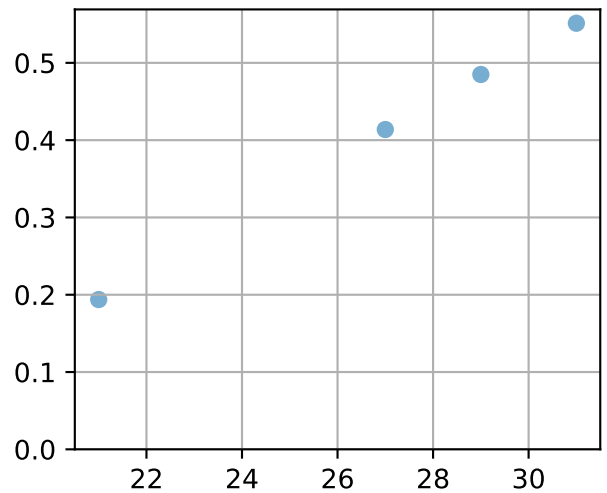
P10AW-016-3L7 (fit failed)



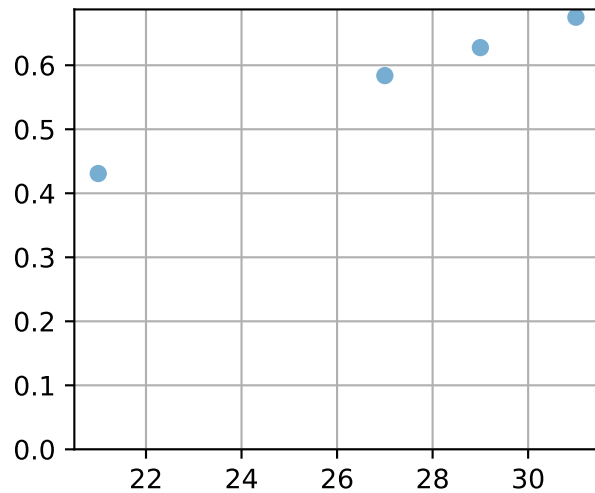
P10AW-029-30L6 (fit failed)

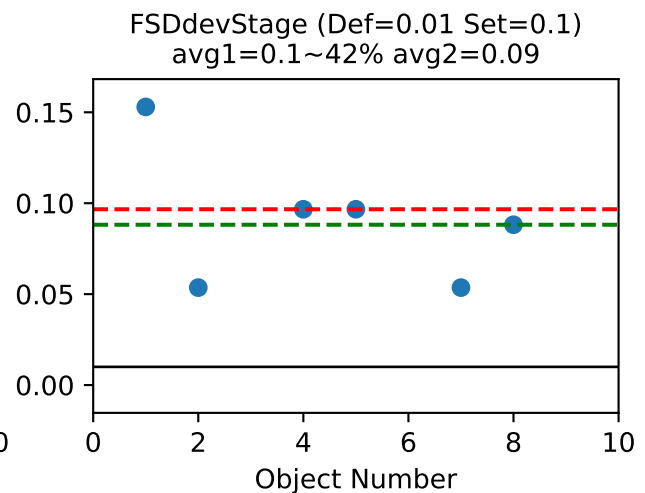
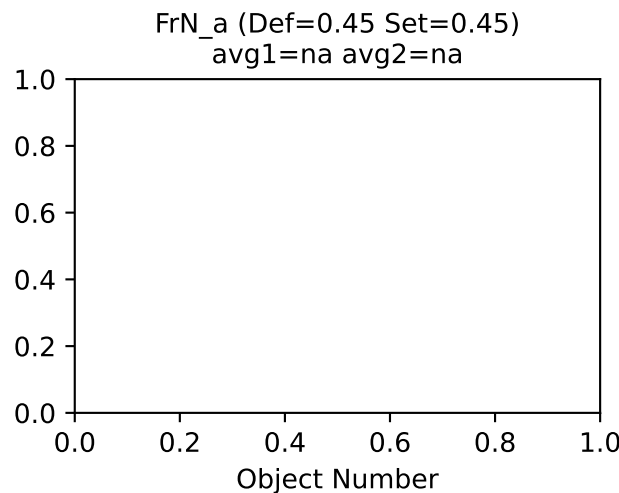
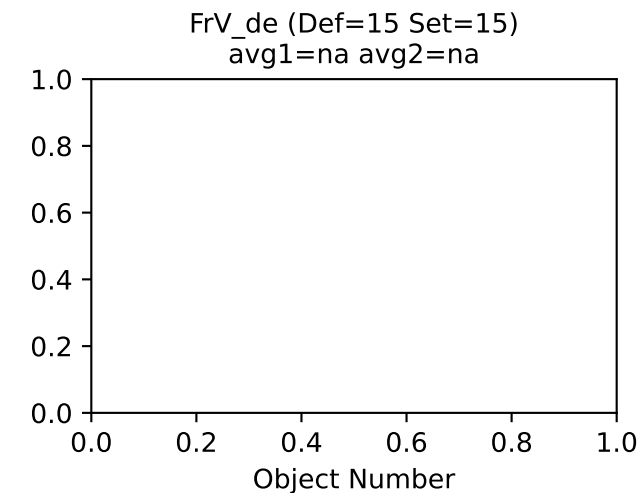
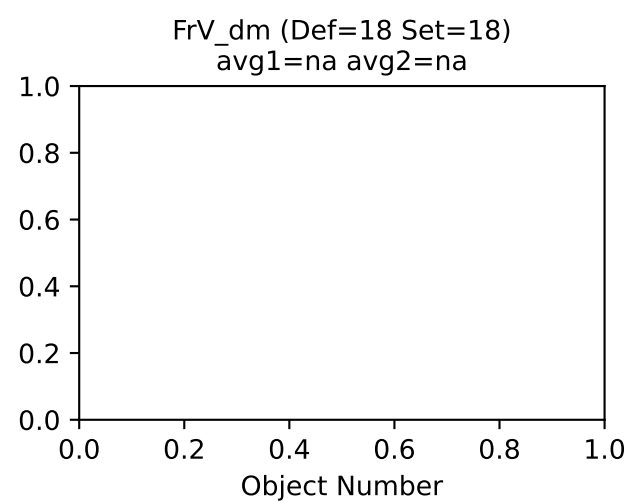
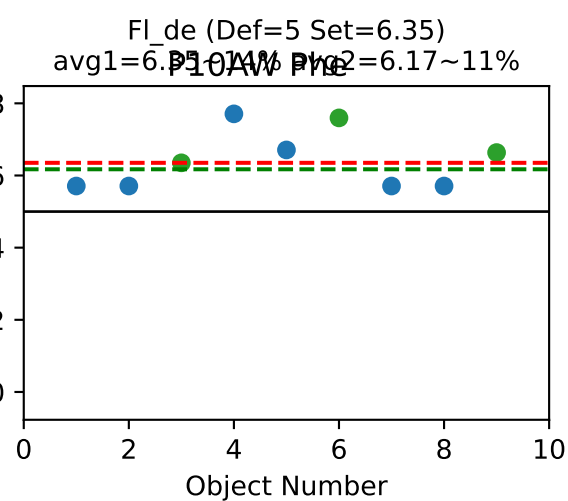
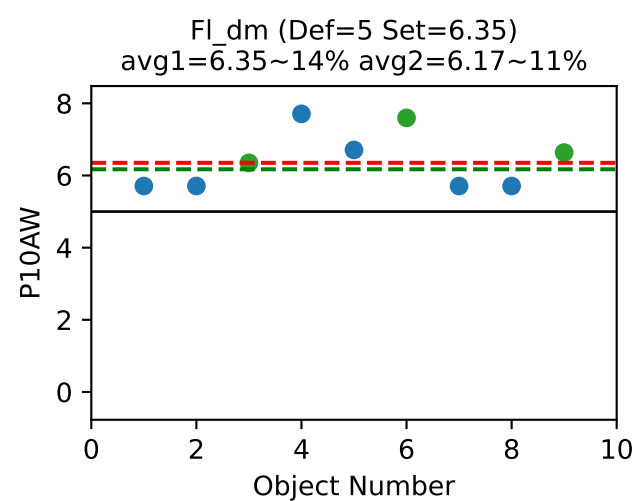


P10AW-041-24L7 (fit failed)

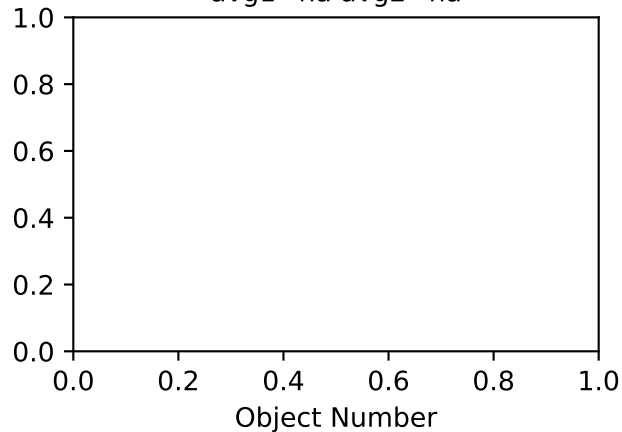


P10AW-054-10L6 (fit failed)

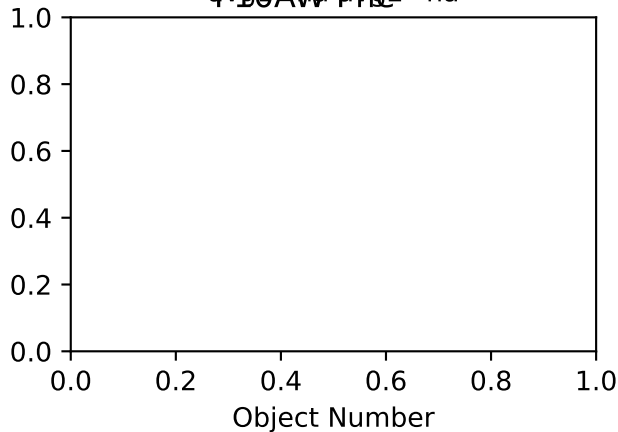




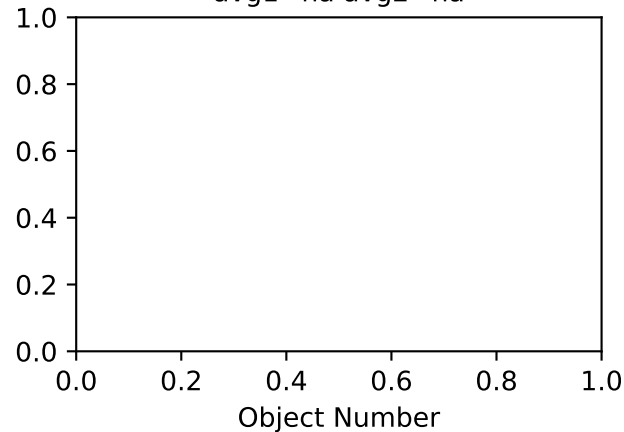
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



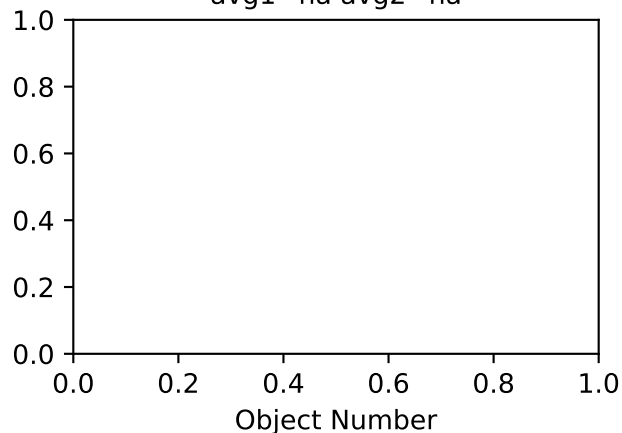
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



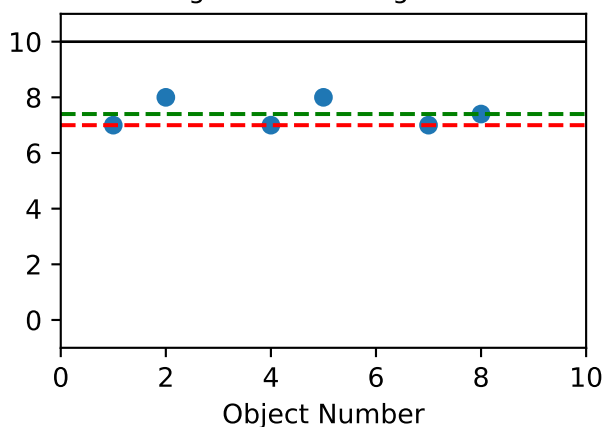
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

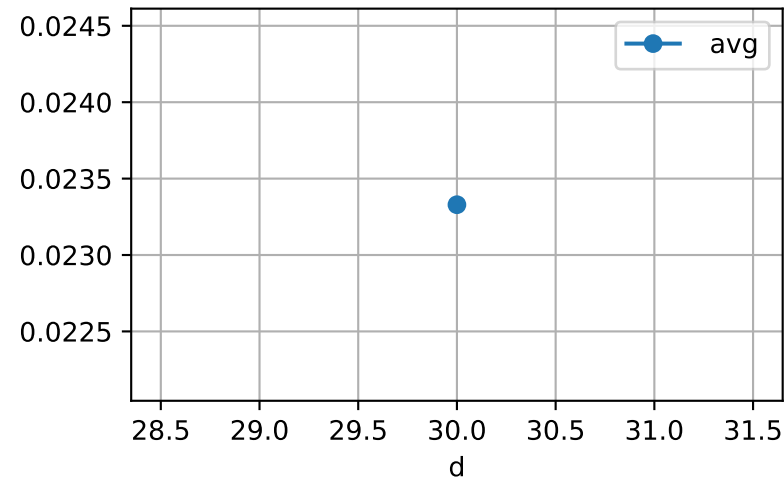


NNgen (Def=10 Set=7)
avg1=7.0~8% avg2=7.4

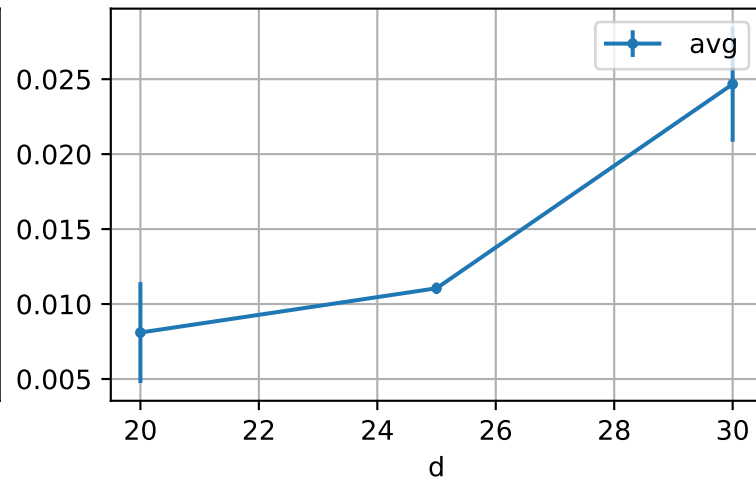


LfA: avg vs. d at each age group

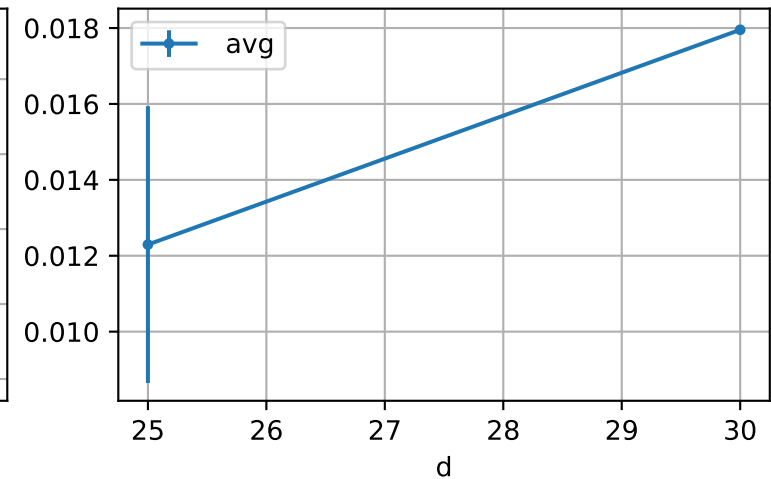
age=20



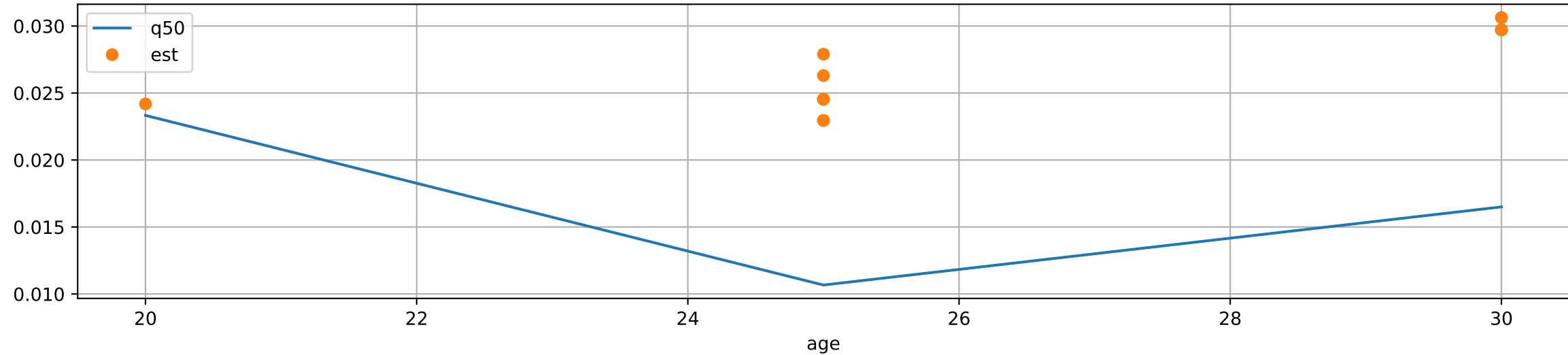
age=25



age=30

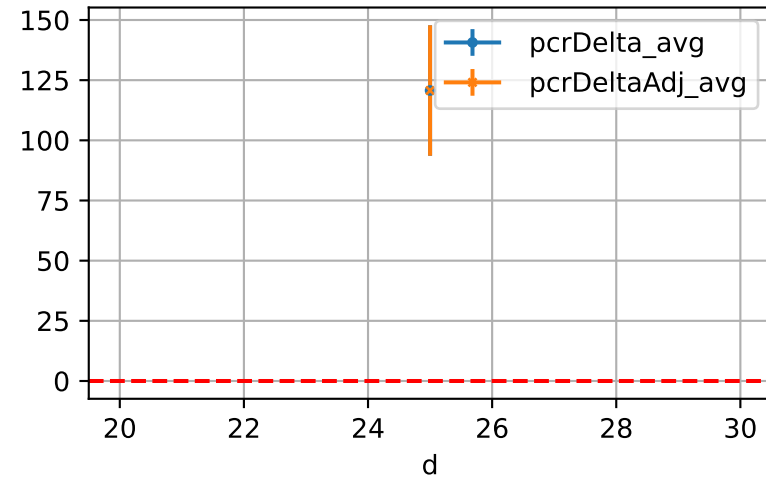


LfA: model est vs obsOv@Q50

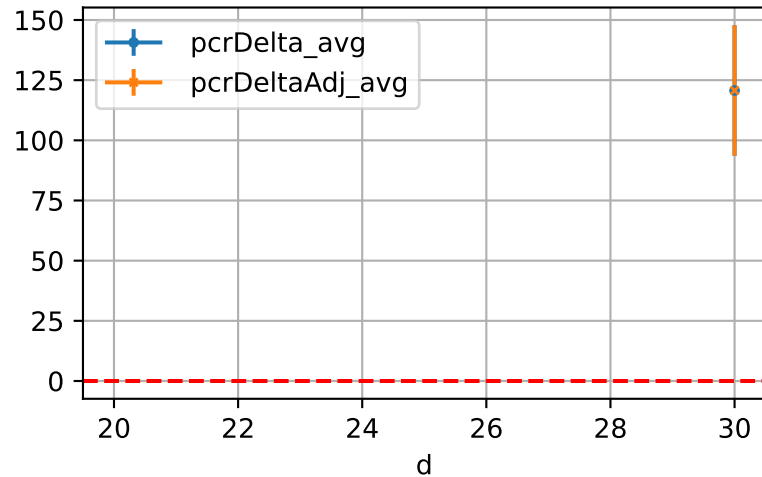


P10AW LfA: D_5d_LfA

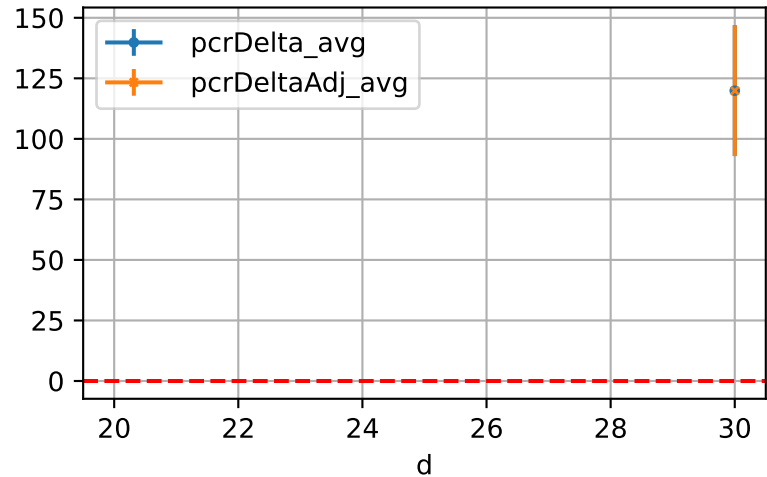
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

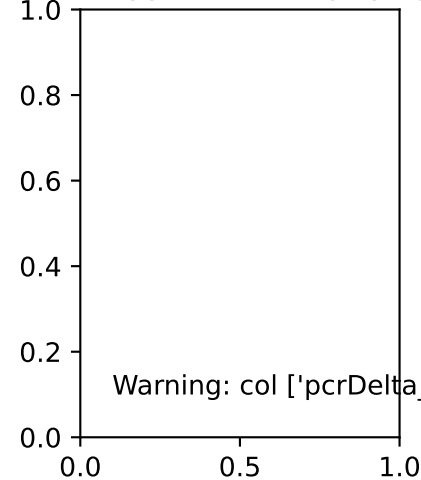


DeltaTypeAbbr=WeiAvgByD

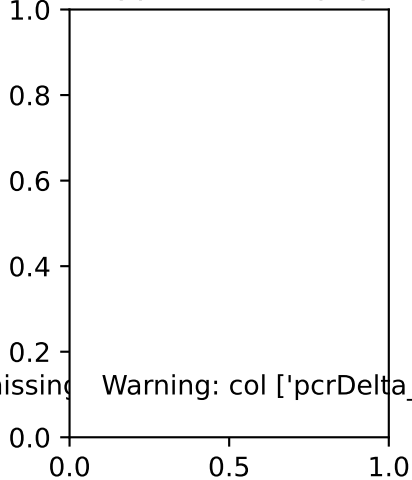


P10AW LfA: D_15d_LfA

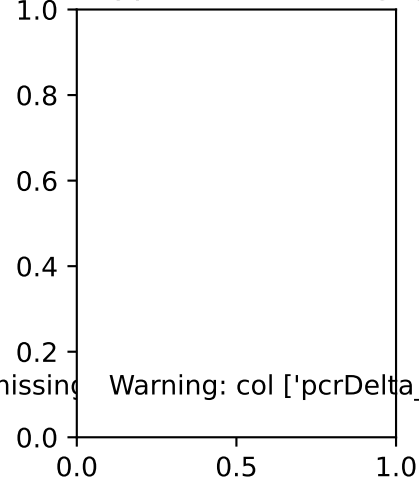
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

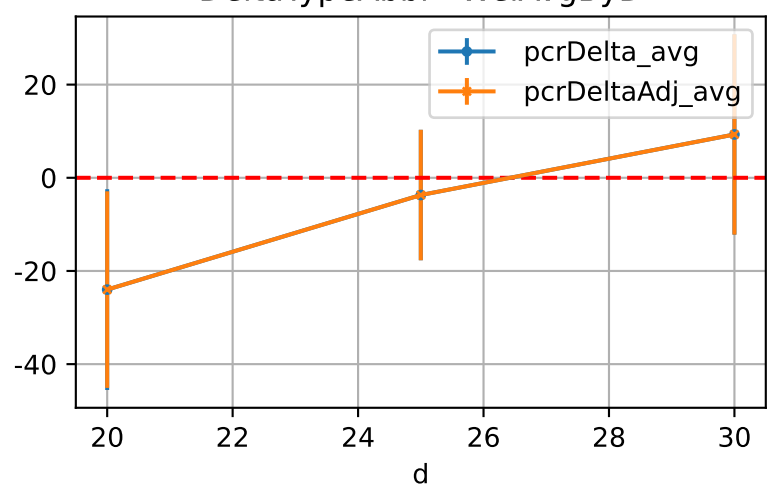
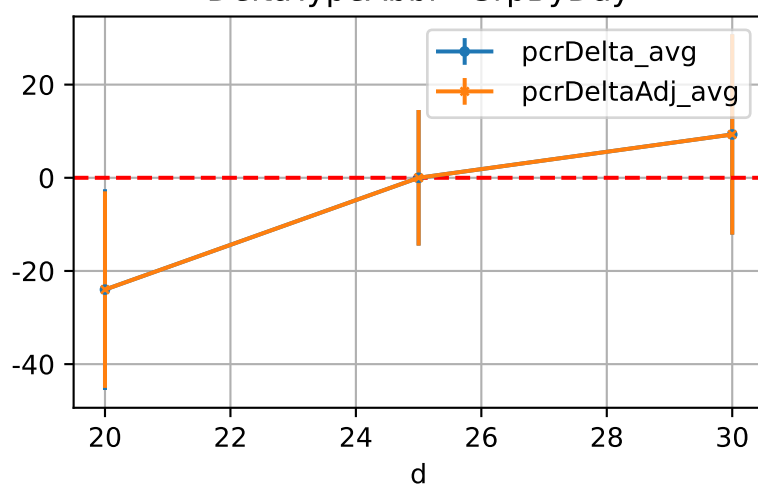
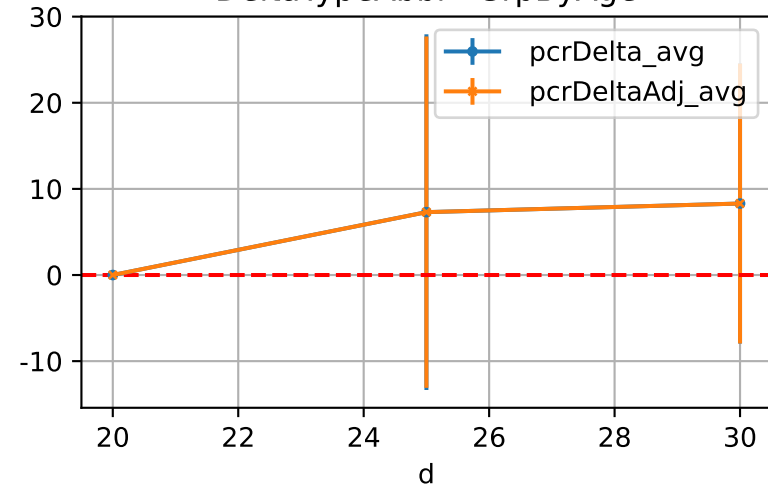


P10AW LfA: D_Q50_LfA

DeltaTypeAbbr=GrpByAge

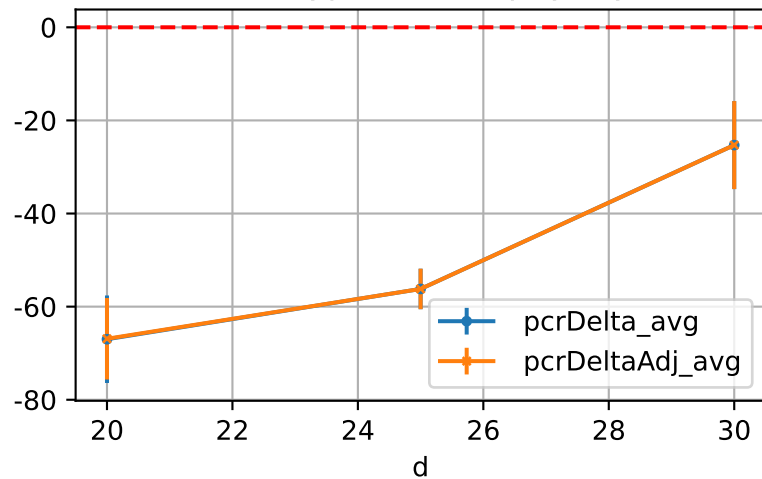
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

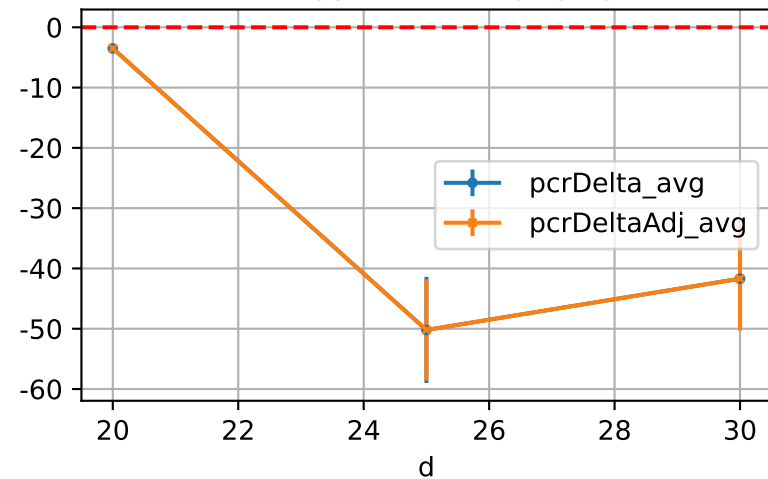


P10AW LfA: D_Est_LfA

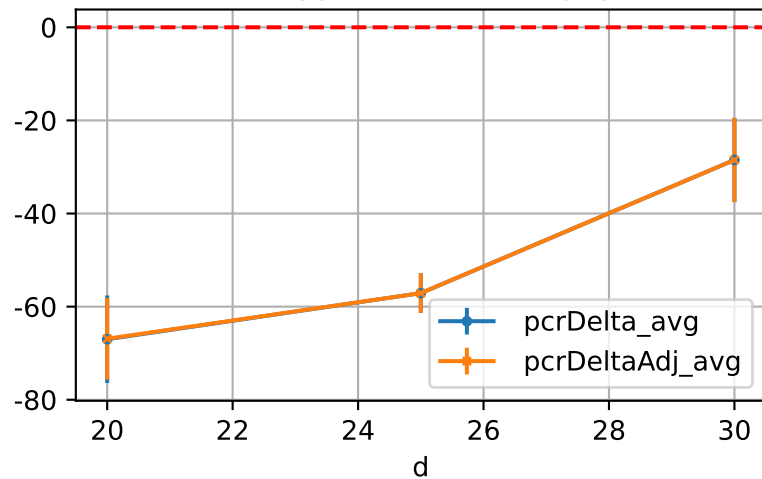
DeltaTypeAbbr=GrpByDay



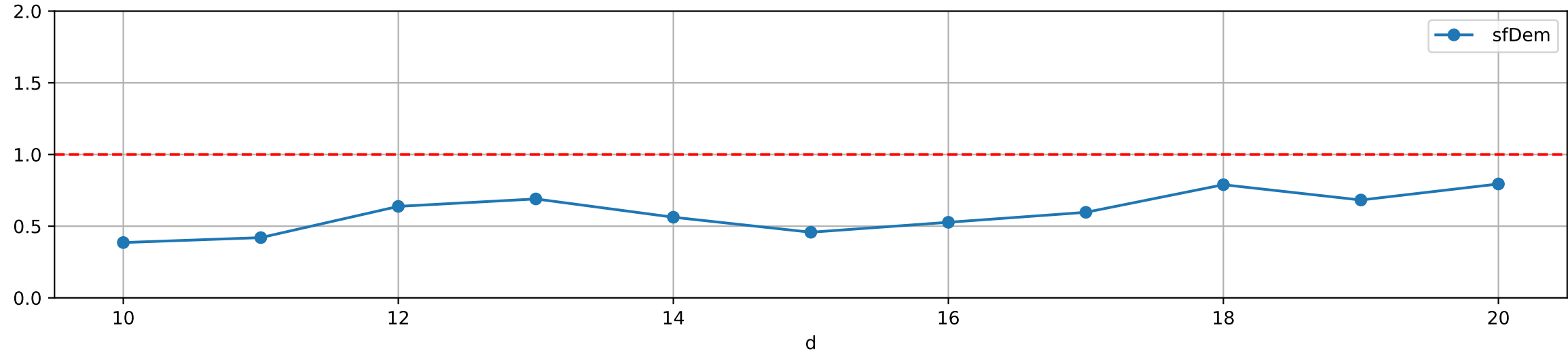
DeltaTypeAbbr=GrpByAge

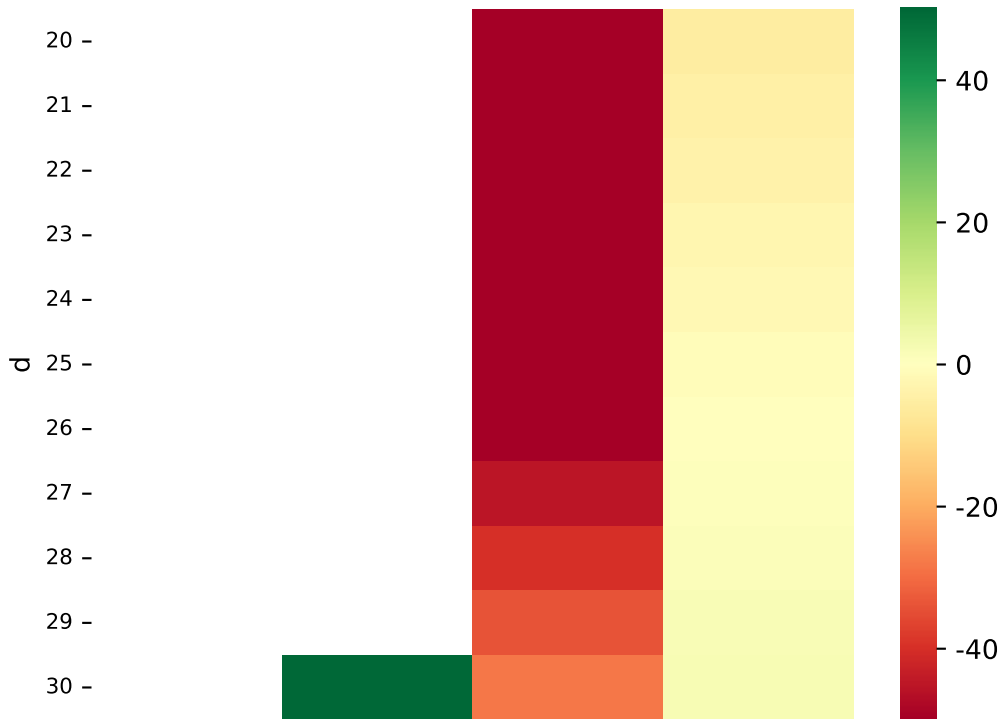


DeltaTypeAbbr=WeiAvgByD



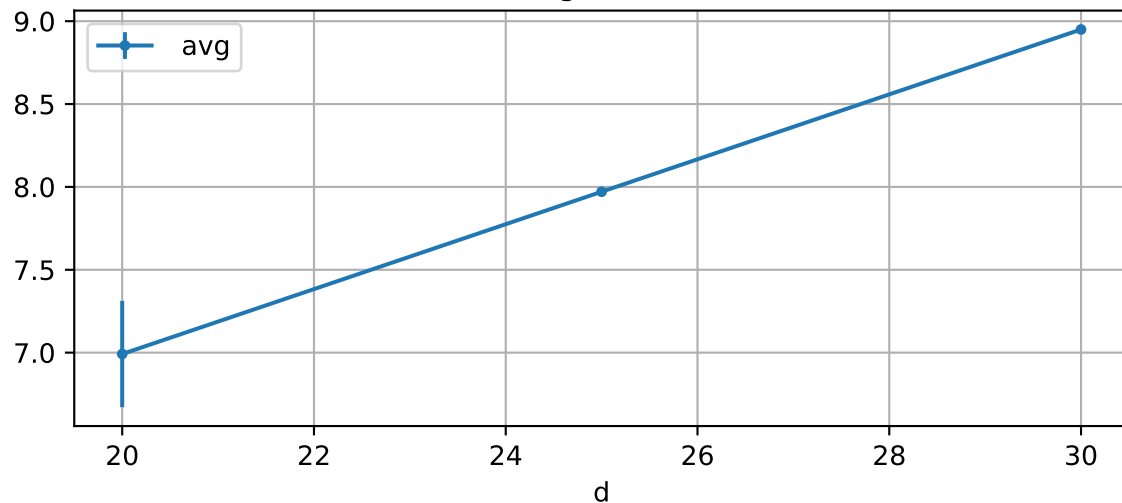
LfA: sfDem



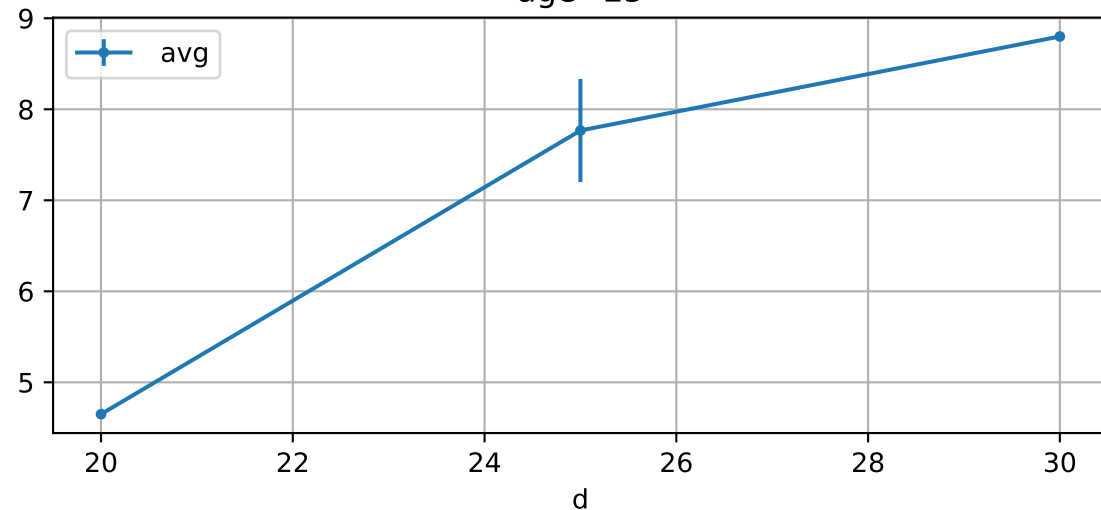


NdD: avg vs. d at each age group

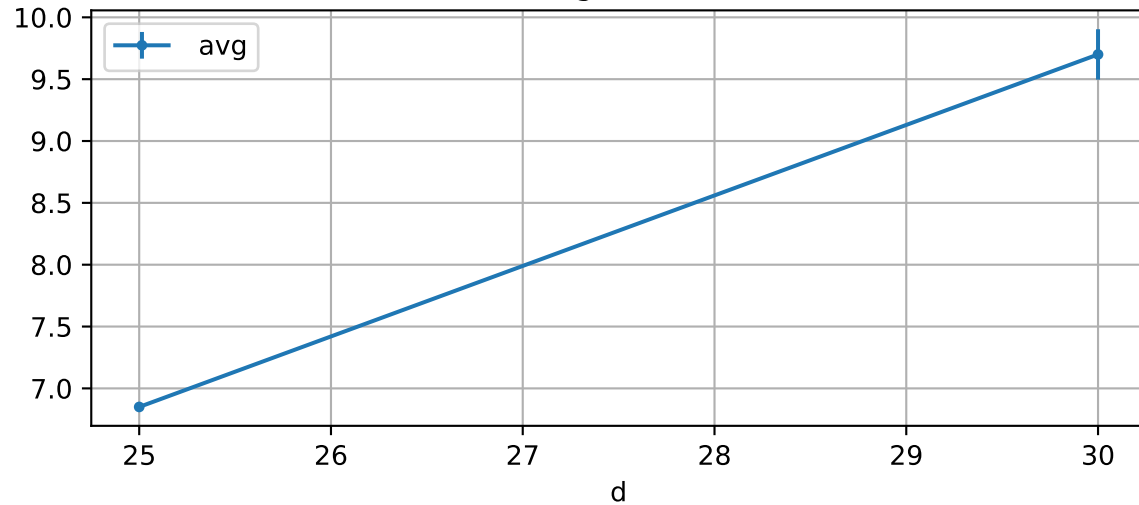
age=20



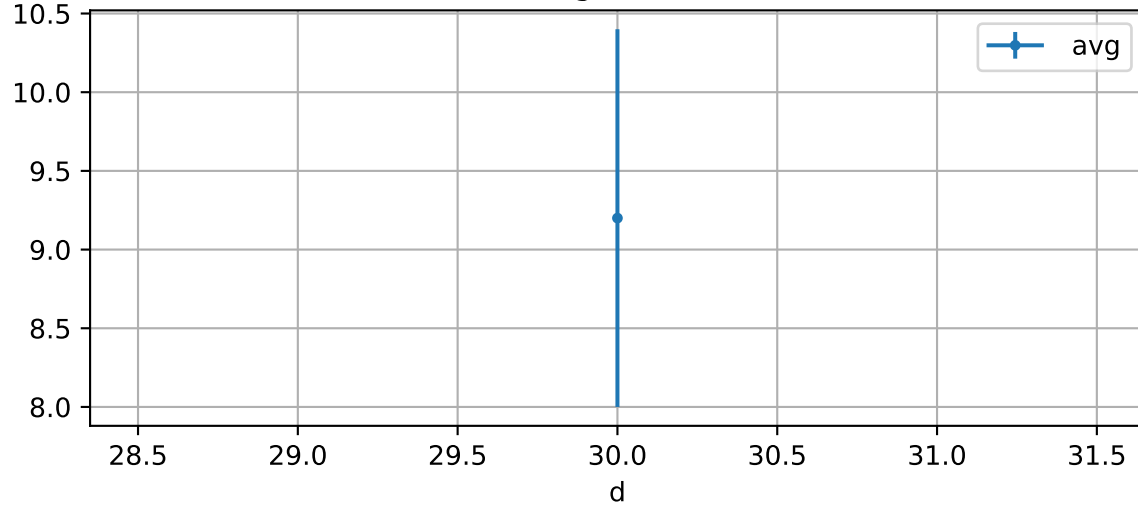
age=25



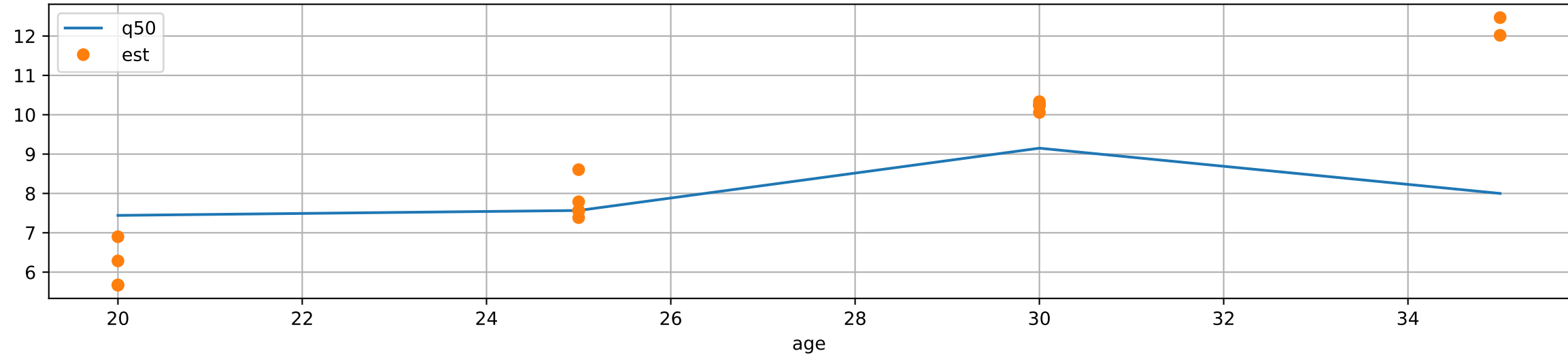
age=30



age=35

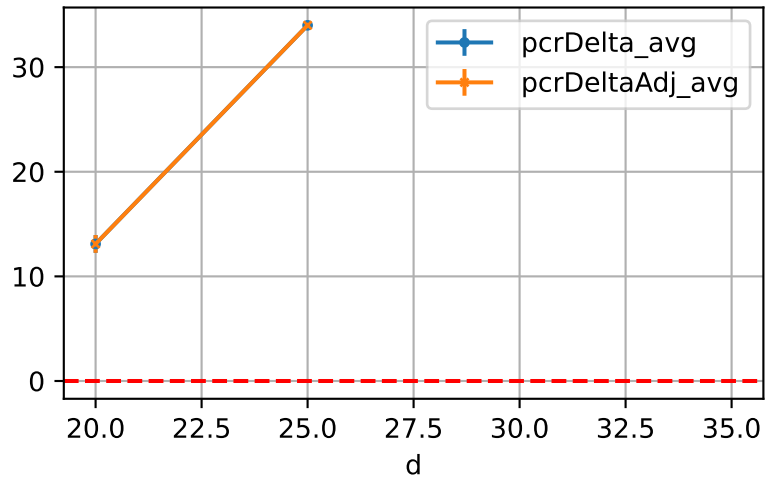


NdD: model est vs obsOv@Q50

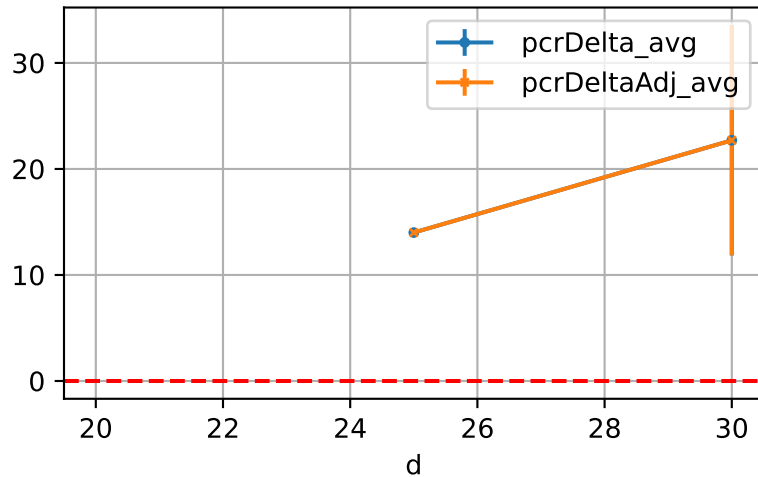


P10AW NdD: D_5d_NdD

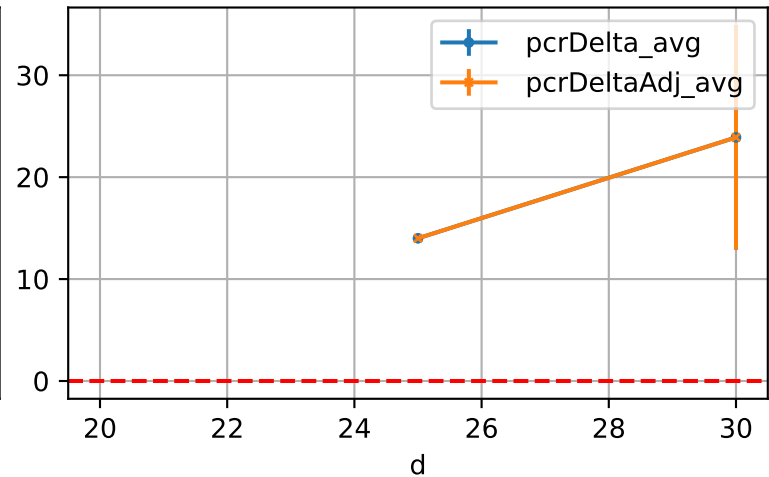
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

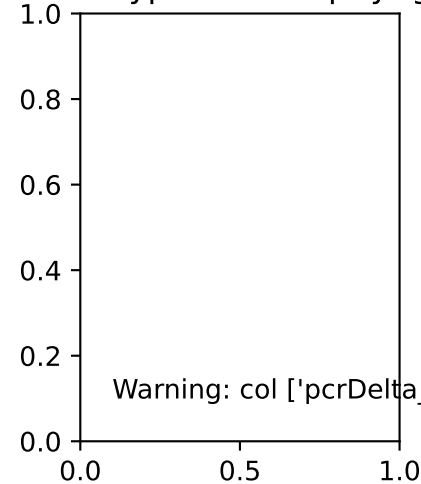


DeltaTypeAbbr=WeiAvgByD

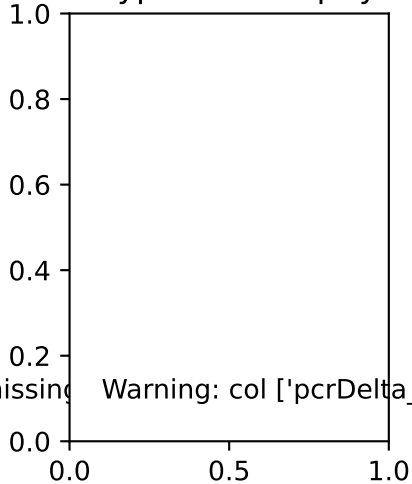


P10AW NdD: D_15d_NdD

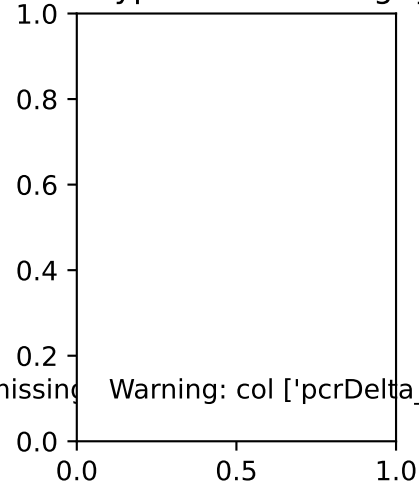
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DeltaTypeAbbr=GrpByDay

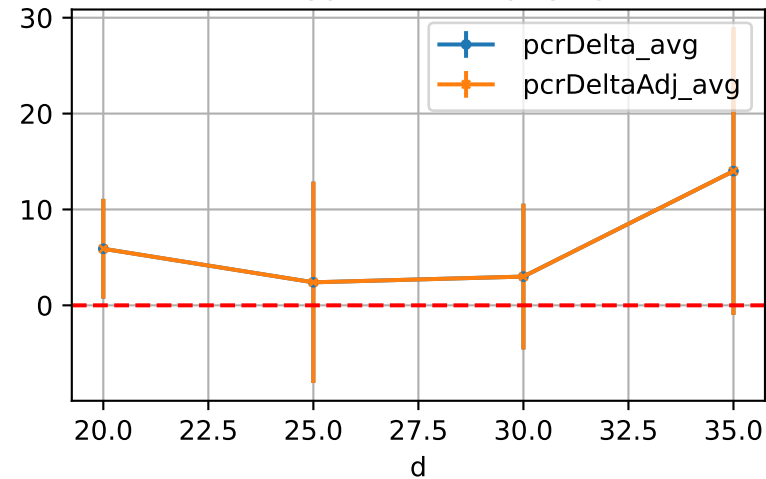


DeltaTypeAbbr=WeiAvgByD

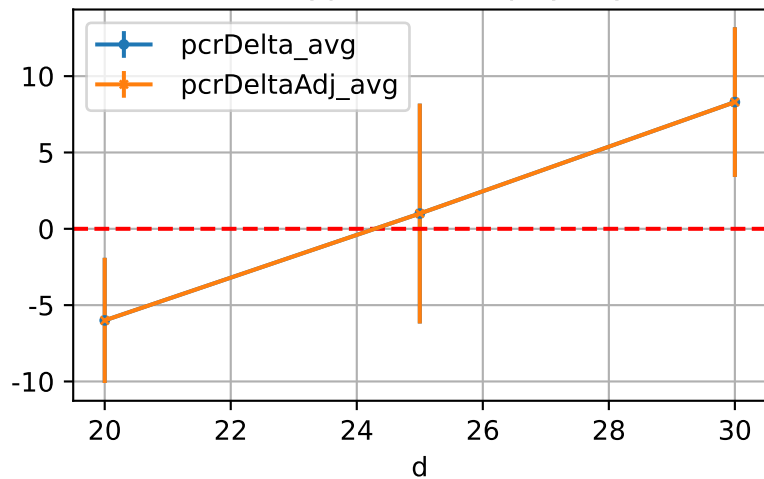


P10AW NdD: D_Q50_NdD

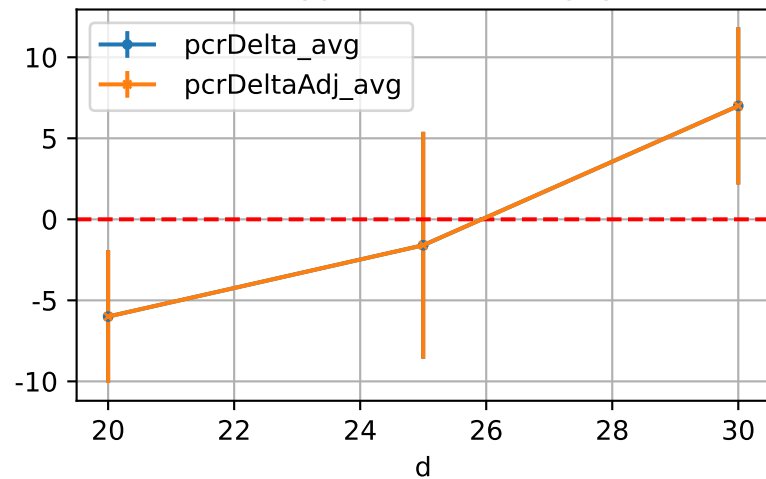
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

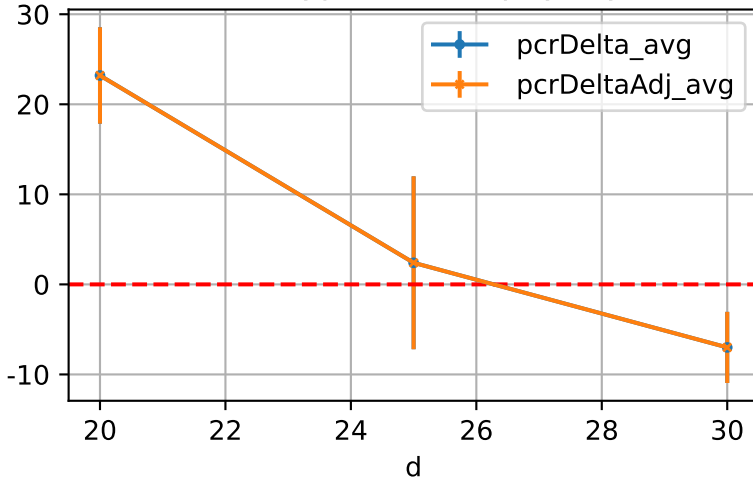
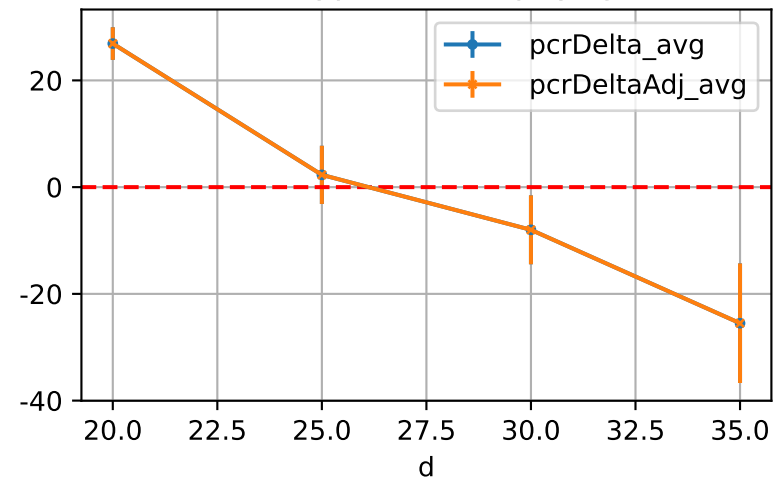


DeltaTypeAbbr=WeiAvgByD

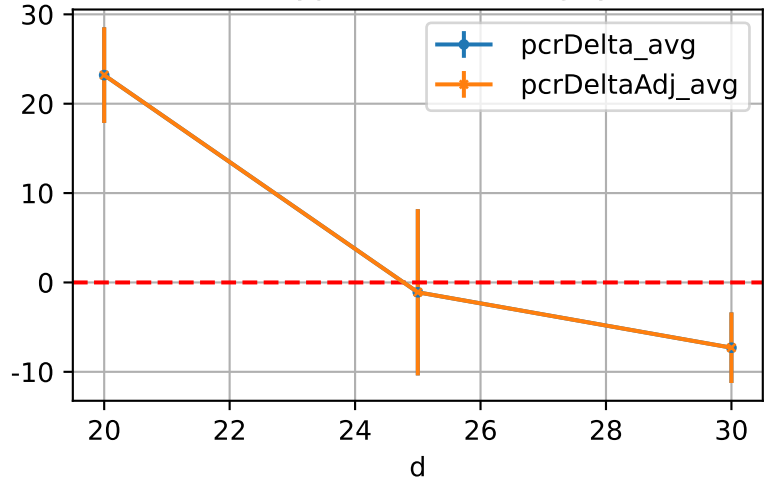


P10AW NdD: D_Est_NdD

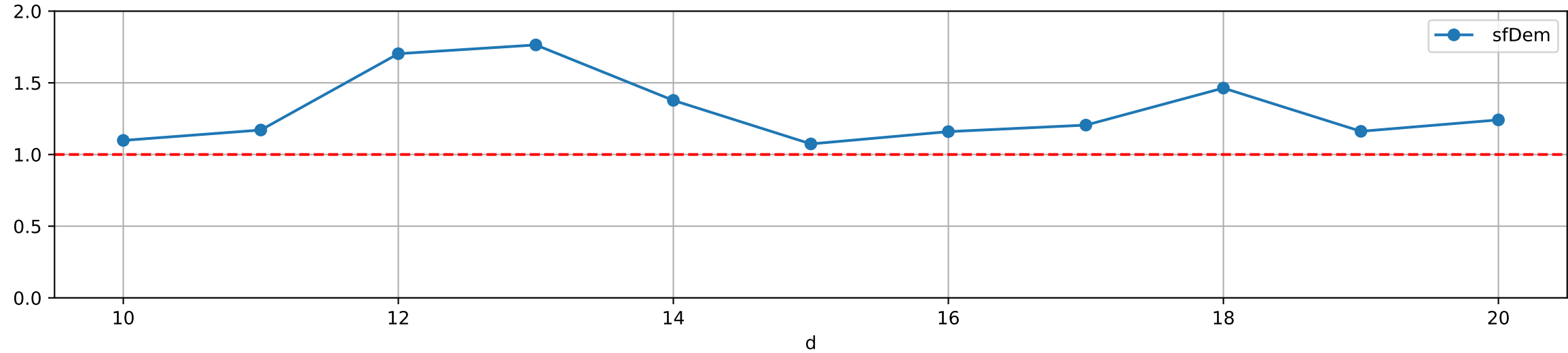
DeltaTypeAbbr=GrpByAge

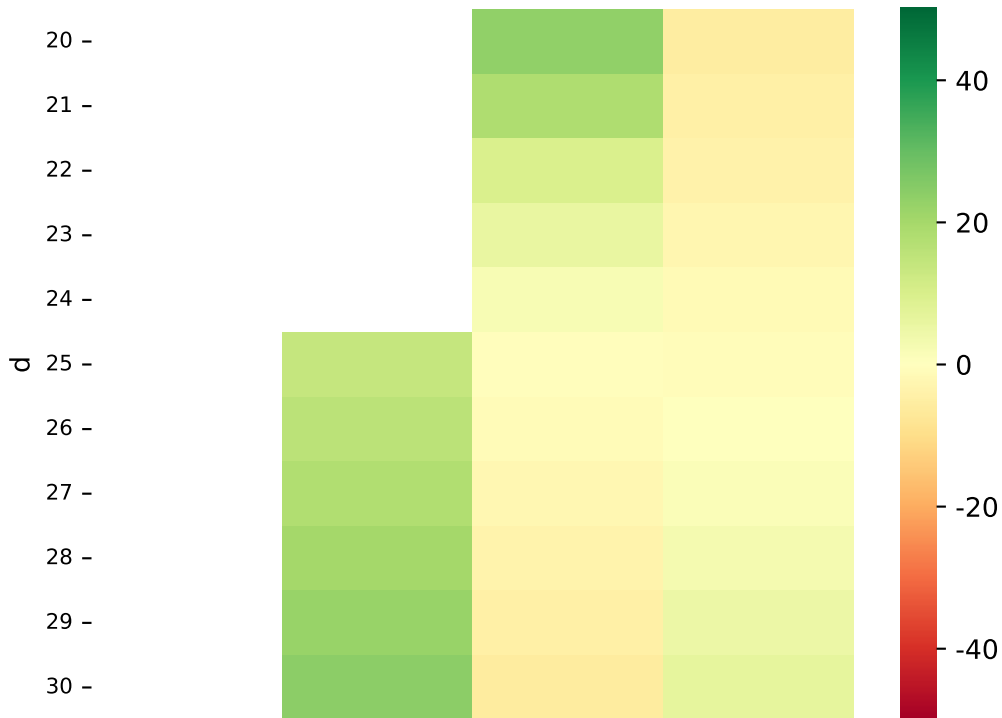


DeltaTypeAbbr=WeiAvgByD

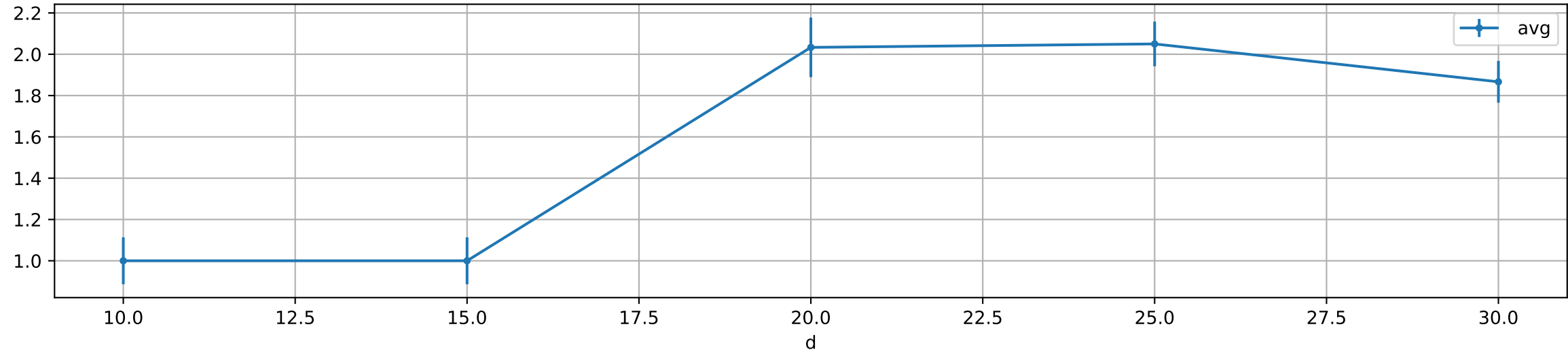


NdD: sfDem

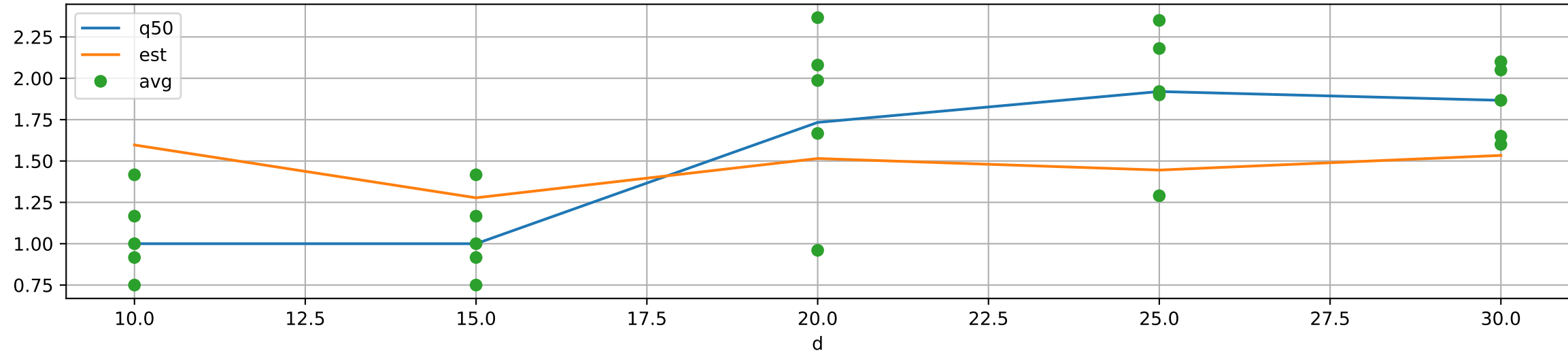




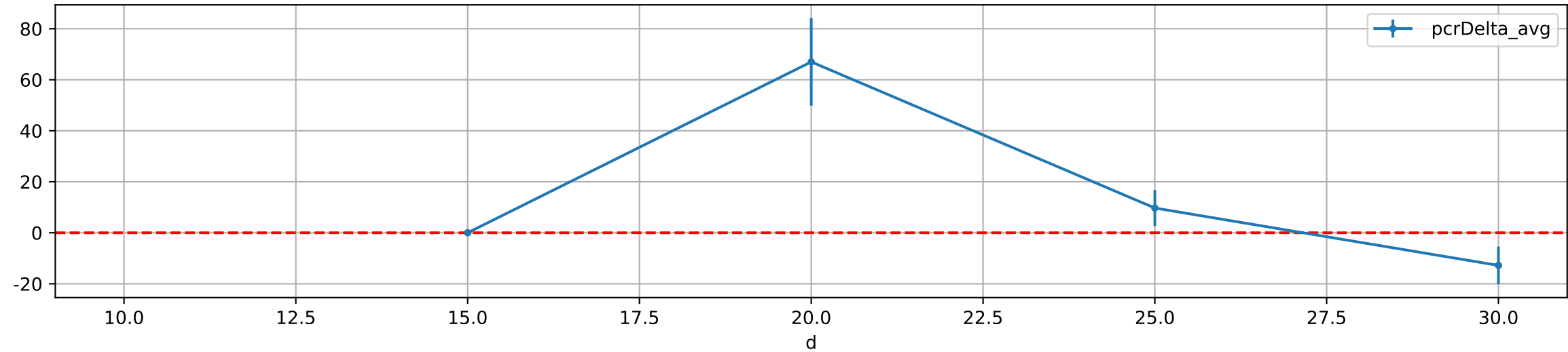
dStH: avg vs. d



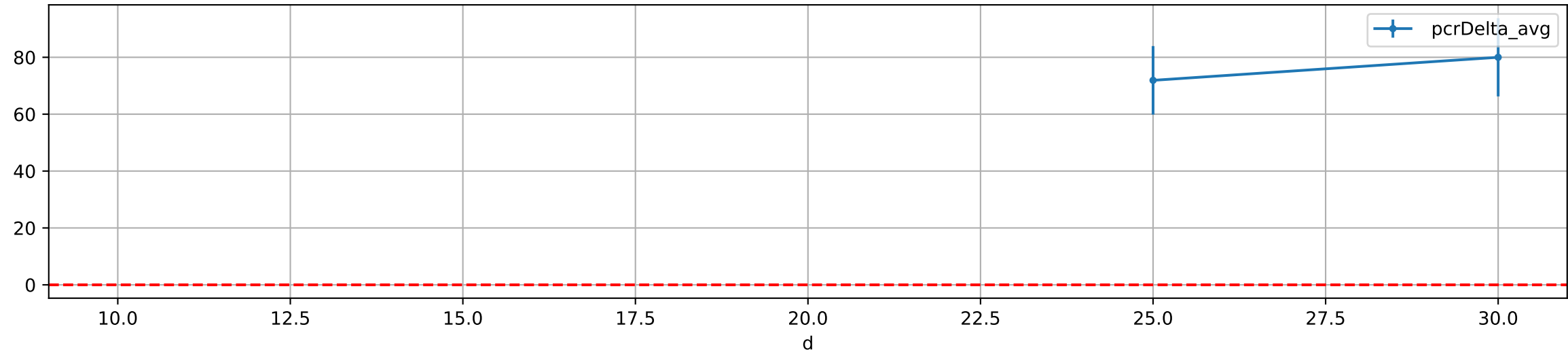
dStH: obsAvg vs obsOv@Q50



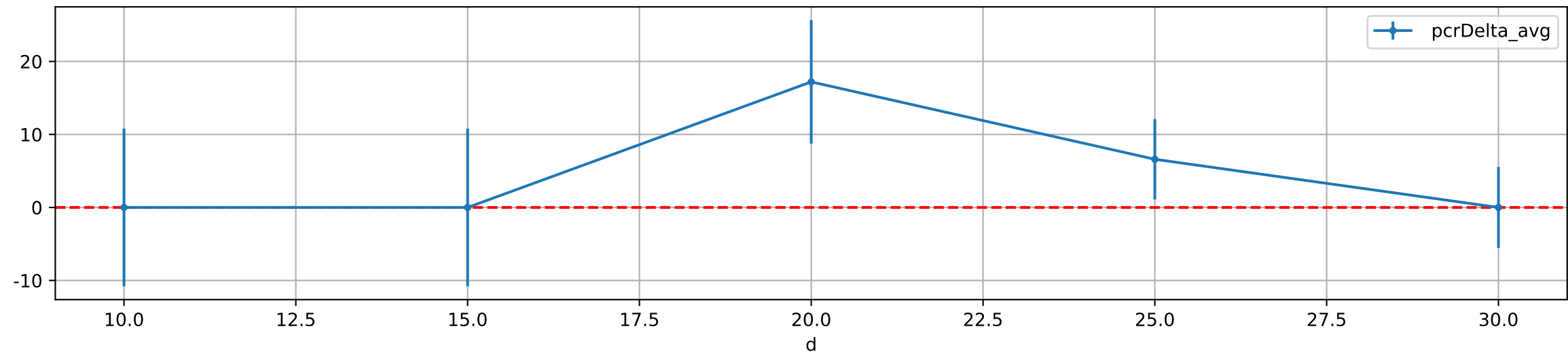
dStH: D_5d_StH



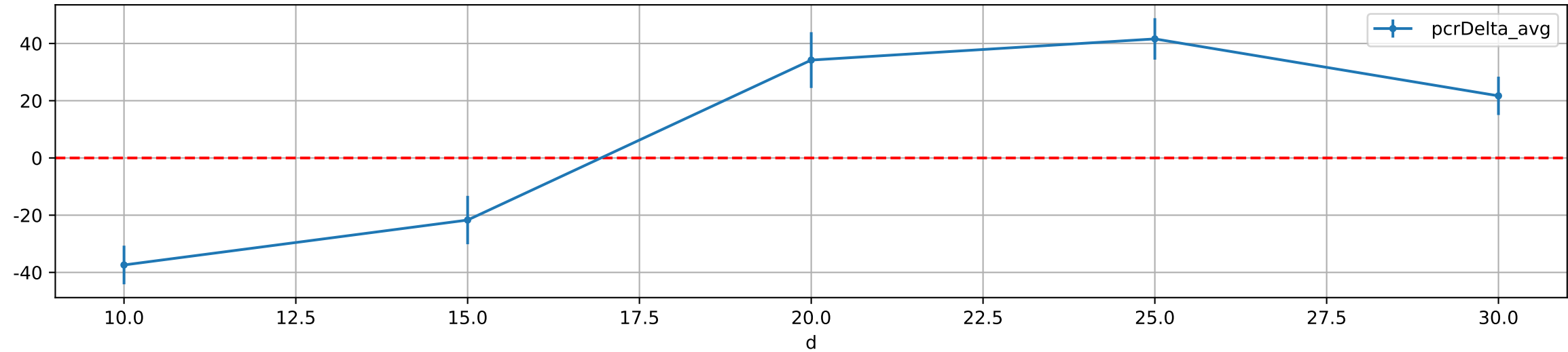
dStH: D_15d_StH



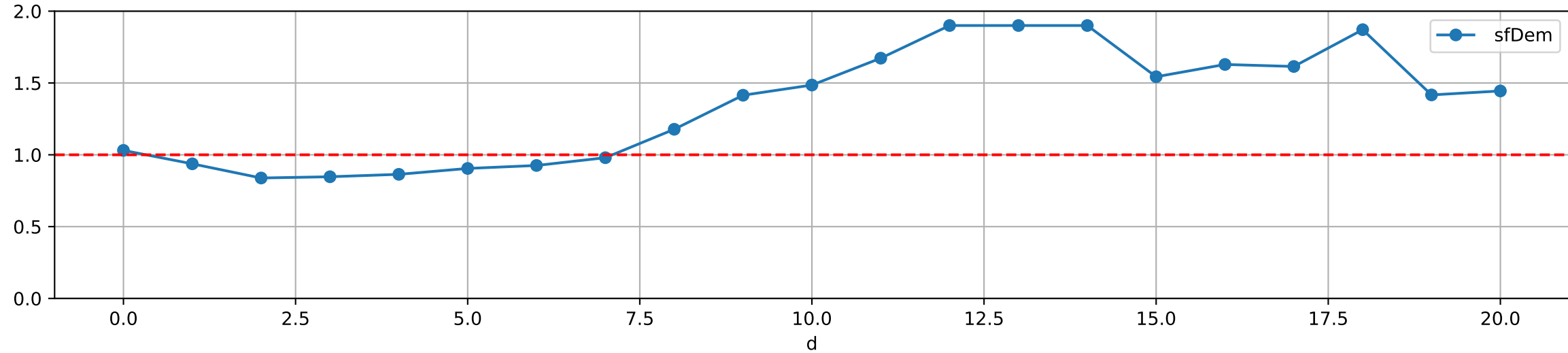
dStH: D_Q50_StH



dStH: D_Est_StH

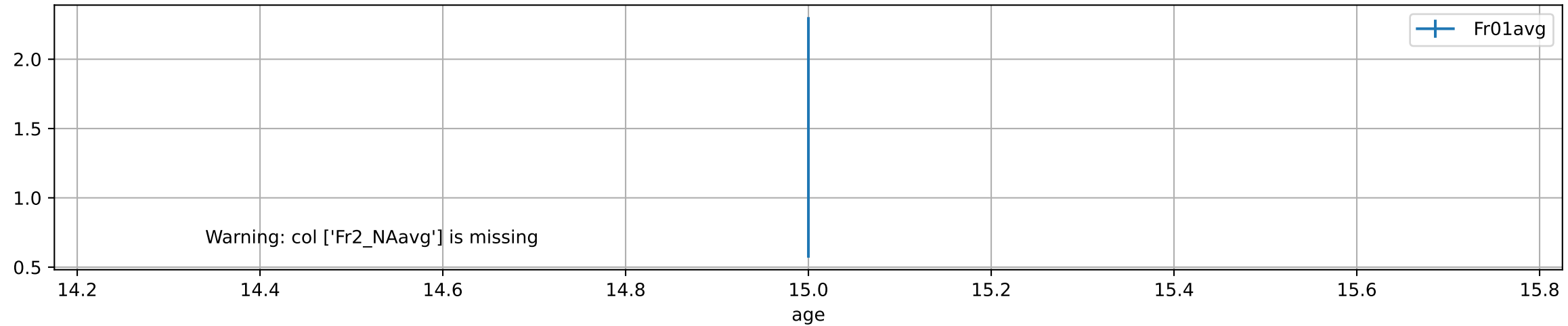


dStH: sfDem



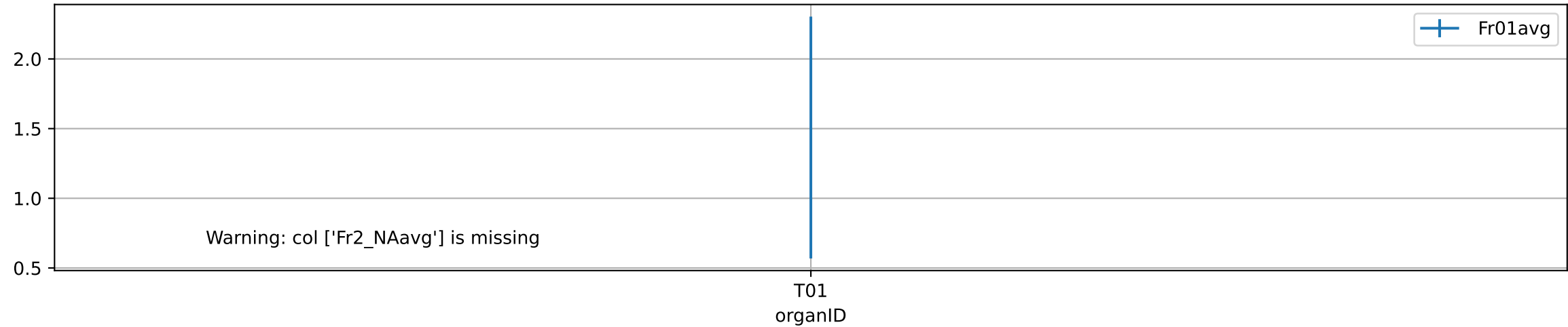


FrV: Fr01 vs Fr2_NA at each truss
organID=T01

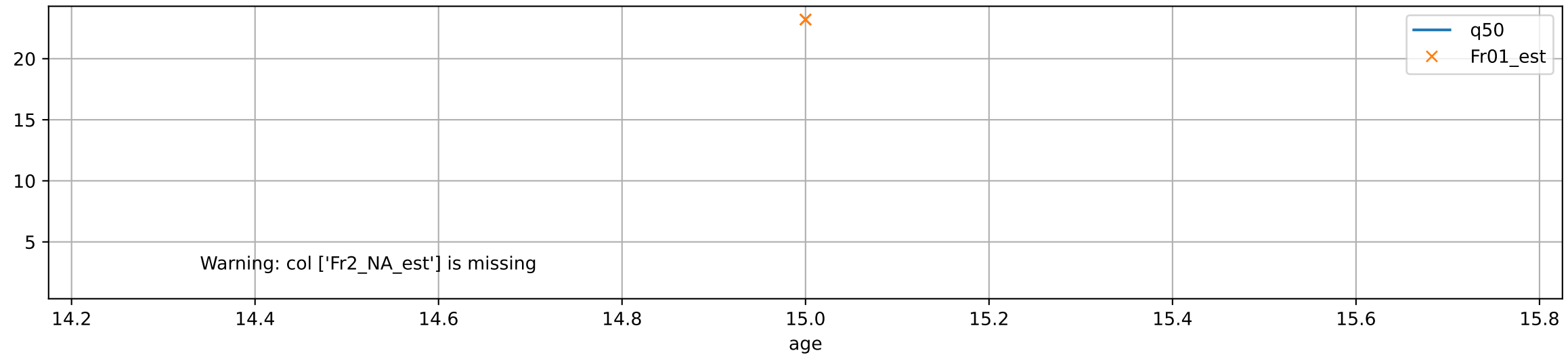


FrV trend at each age

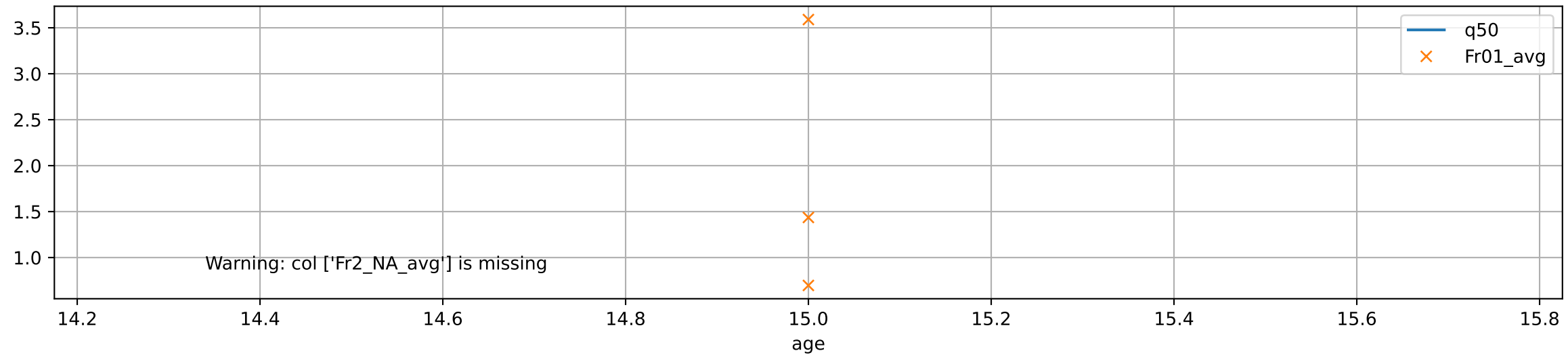
age=15



FrV: model Est vs obsFrV at Q90



FrV: obsFrV vs obsFrV@Q90

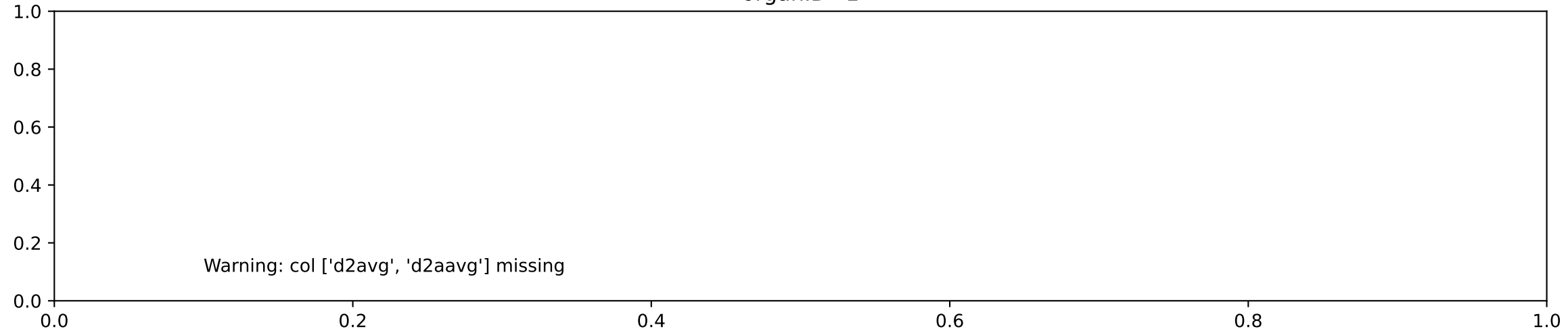


FrV: D_Fr1_FrV
organID=1

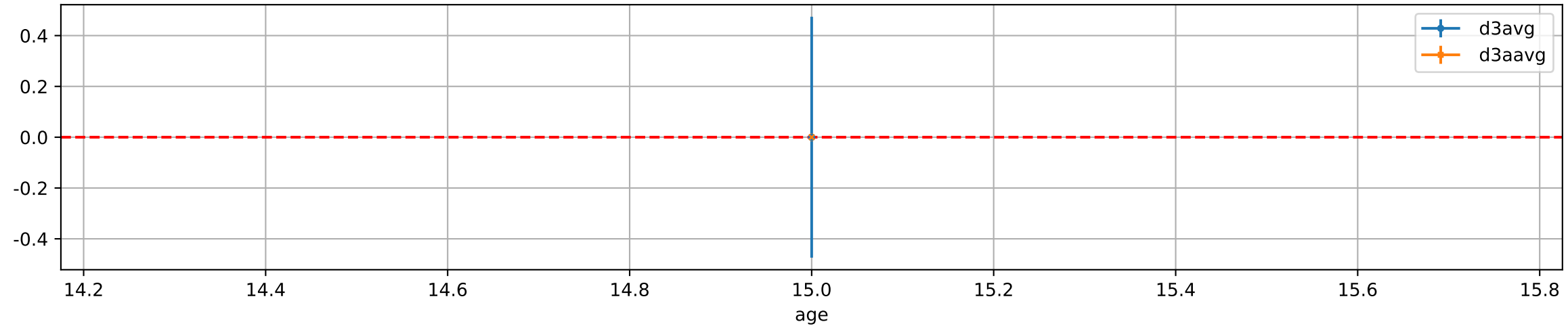
Warning: col ['d1avg', 'd1aavg'] missing

FrV: D_Ts_FrV
organID=1

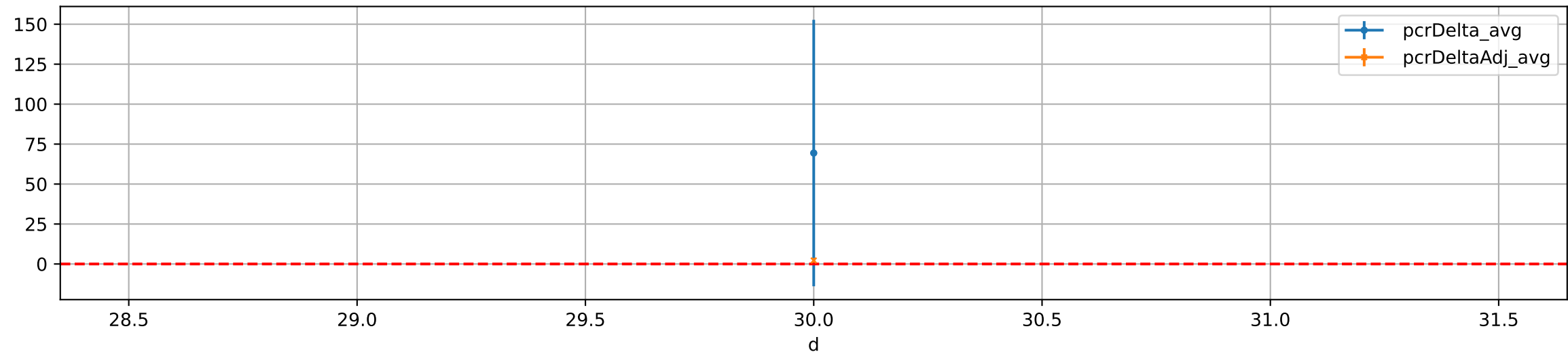
Warning: col ['d2avg', 'd2aavg'] missing



FrV: D_Q50_FrV
organID=1



P10AW FrV: D_Q50_FrV



FrV: D_Est_FrV
organID=1

