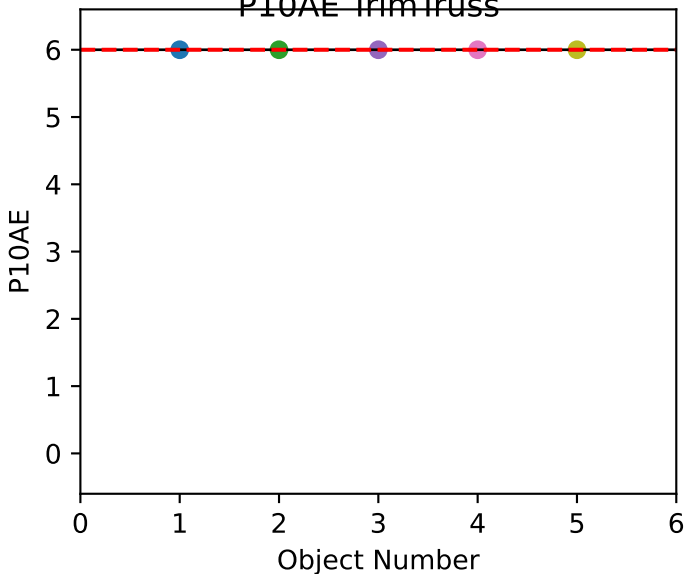


Phenotype Data Analysis Plots
PhenoData day range = 10 - 29
Analysis cutoff day = 29
NC11 P10
2025-04-30 (Day 30)

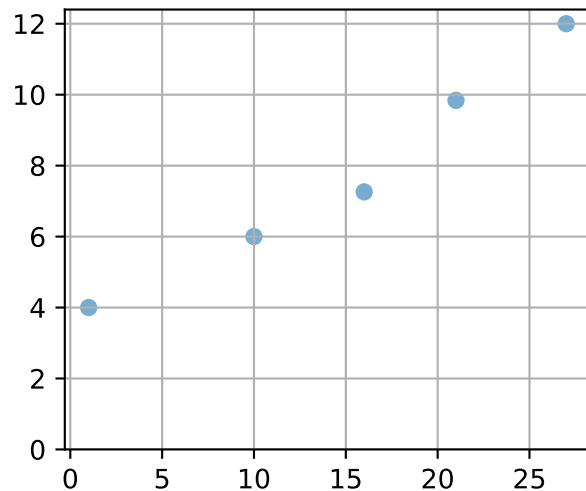
TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0 ~0% avg2=na

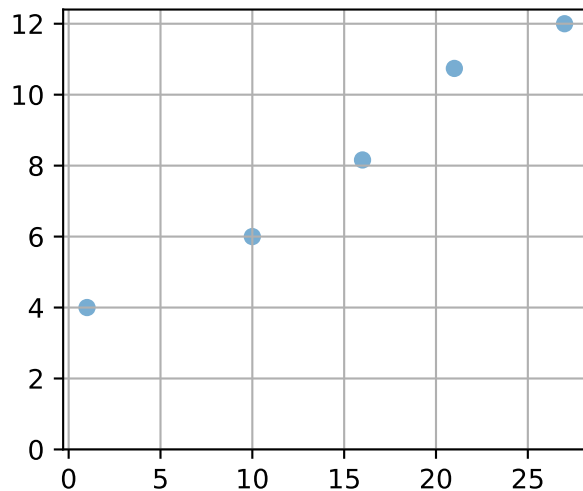
P10AE Trim Truss



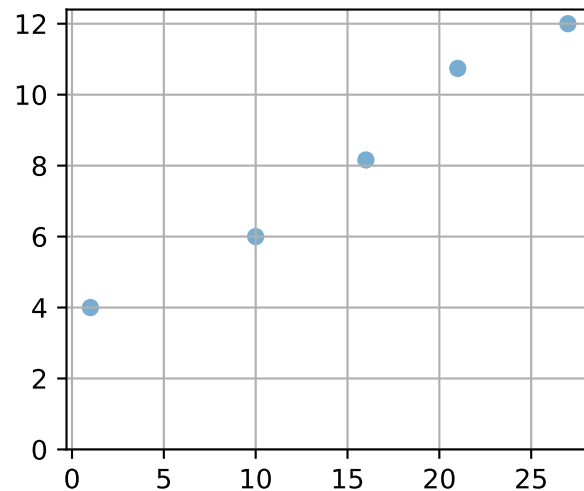
P10AE-063-19 (fit failed)



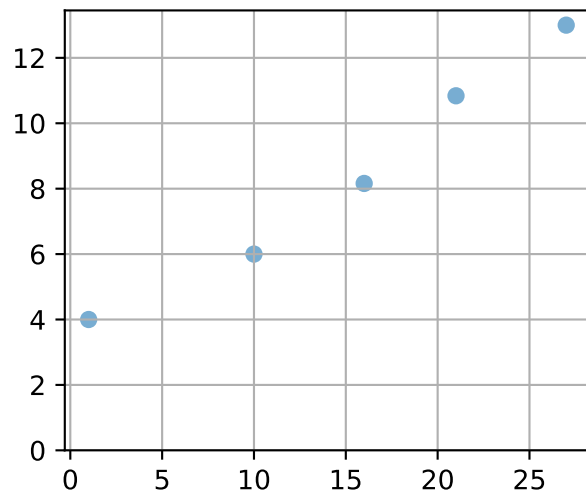
P10AE-076-15 (fit failed)



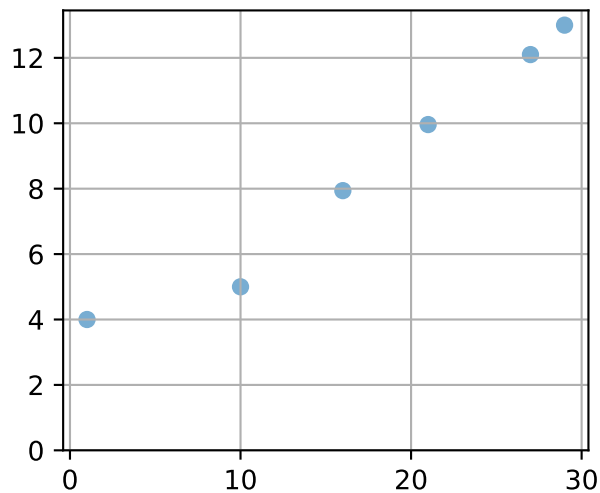
P10AE-089-22 (fit failed)



P10AE-103-17 (fit failed)

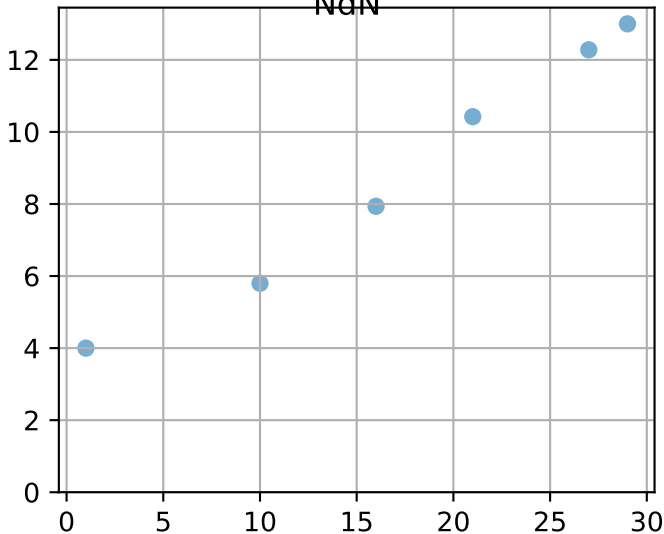


P10AE-116-21 (fit failed)

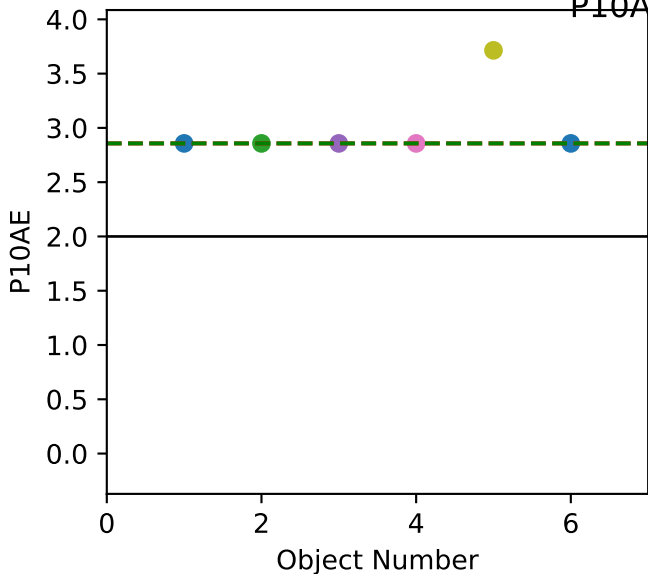


P10AEavg (fit failed)

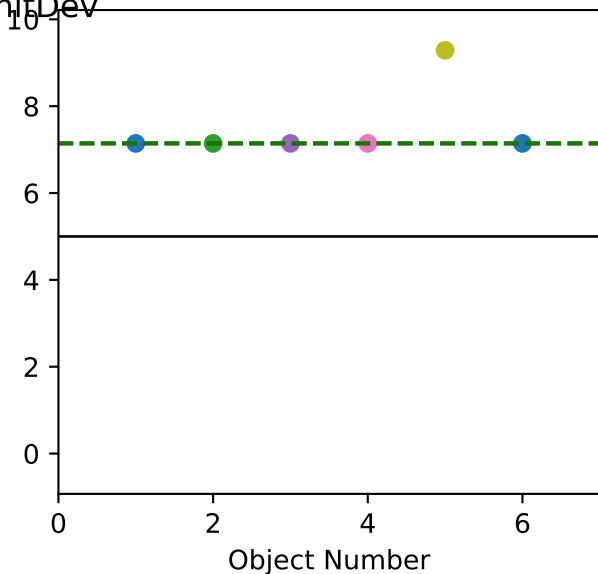
NaN



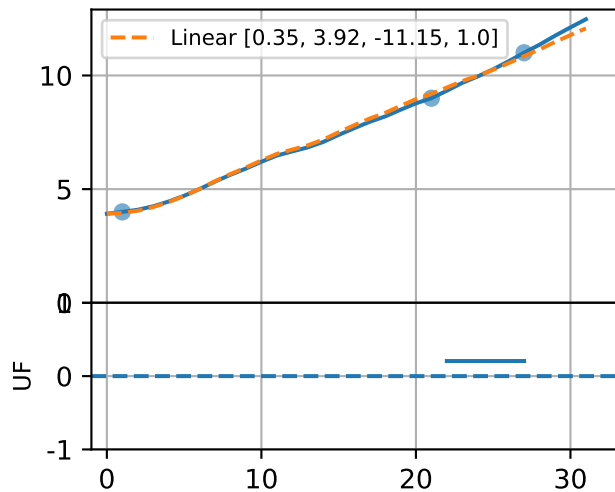
InitDev_dm (Def=2 Set=2.86)
avg1=2.86~0% avg2=2.86



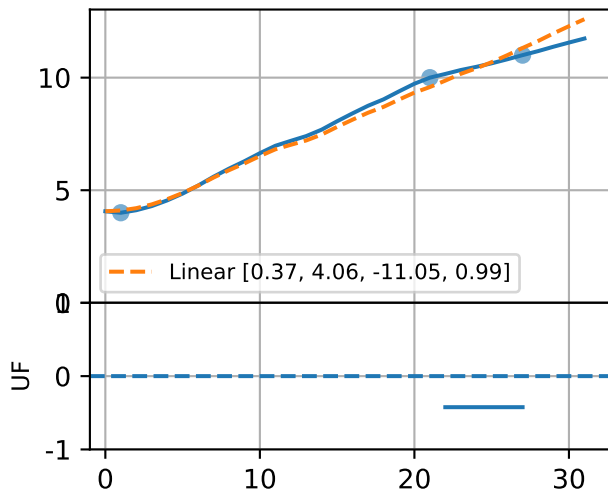
InitDev_de (Def=5 Set=7.14)
avg1=7.14~0% avg2=7.14



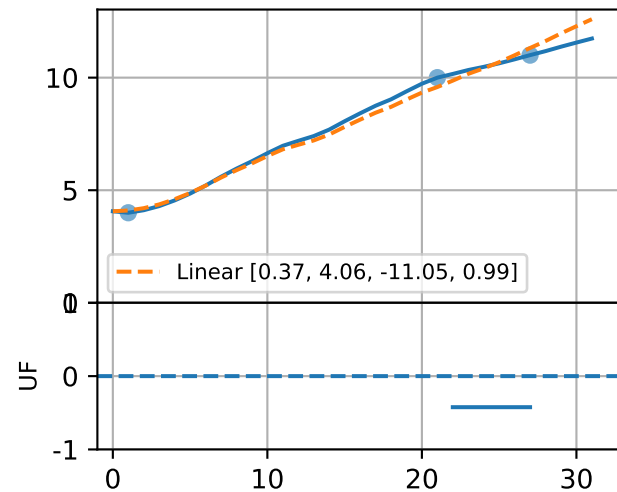
P10AE-063-19



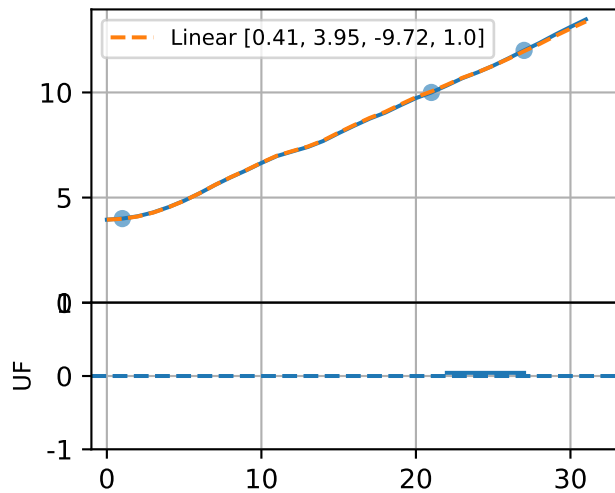
P10AE-076-5



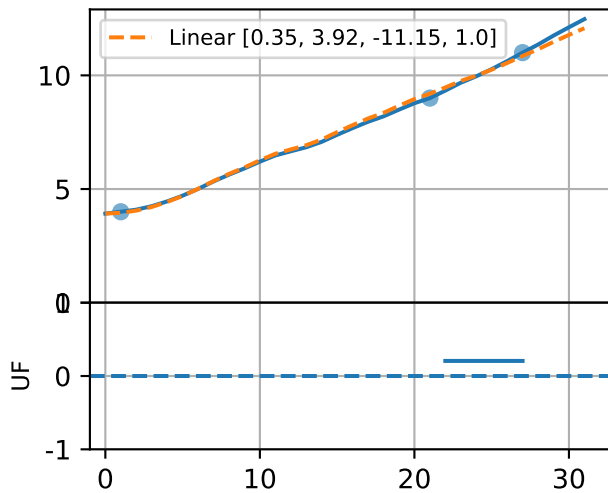
P10AE-089-22



P10AE-103-17

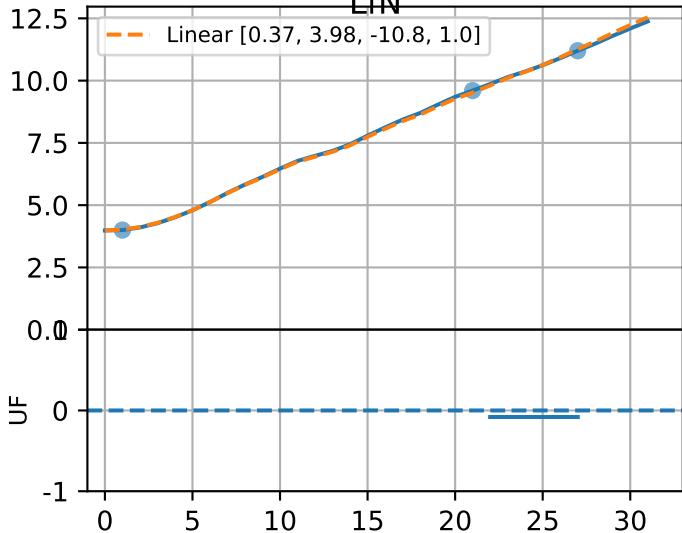


P10AE-116-21

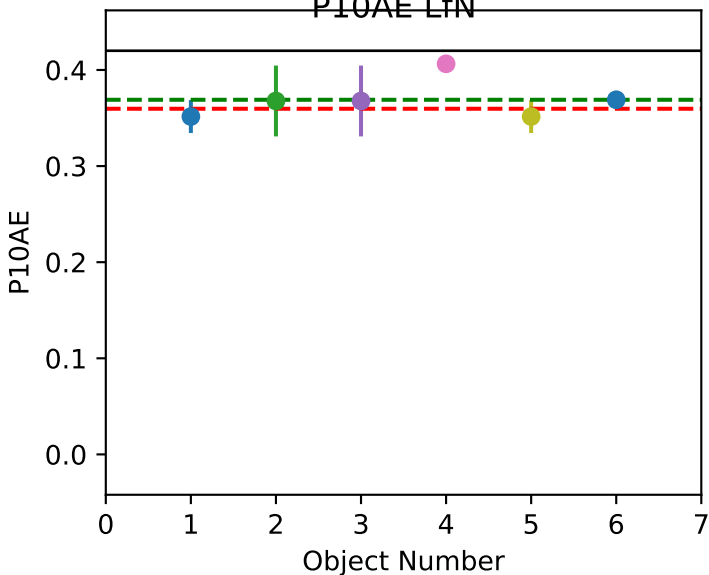


P10AEavg
L_{fn}

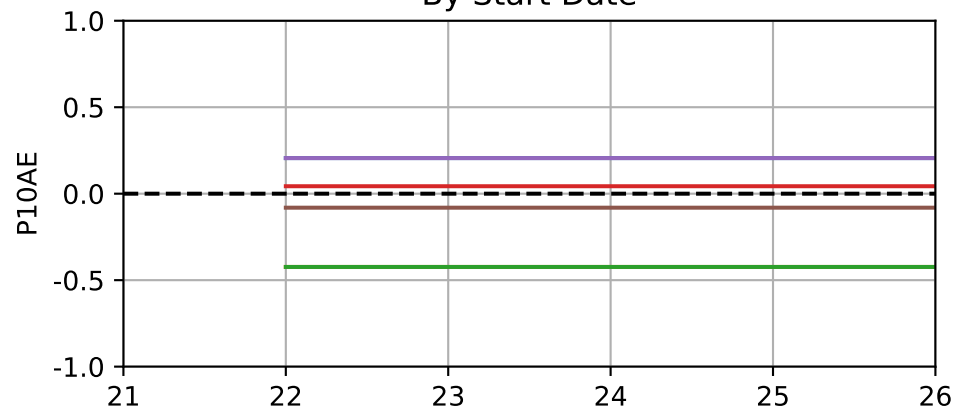
Linear [0.37, 3.98, -10.8, 1.0]



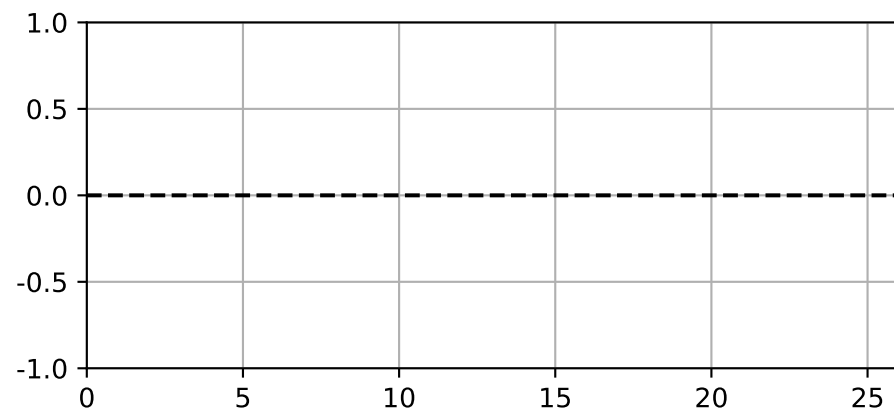
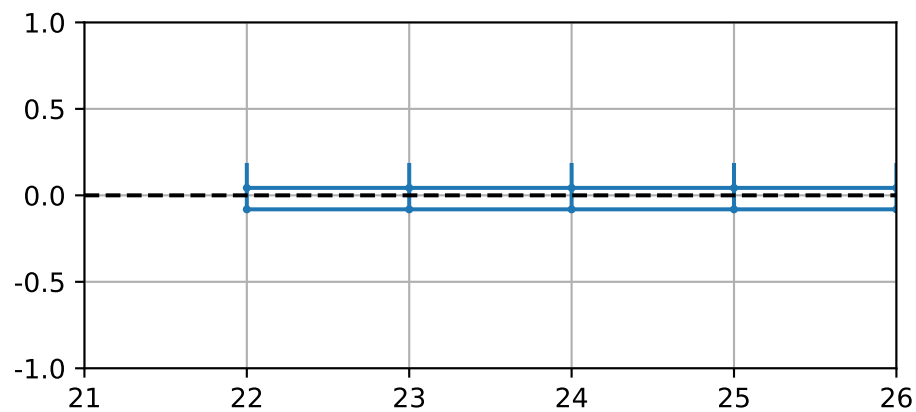
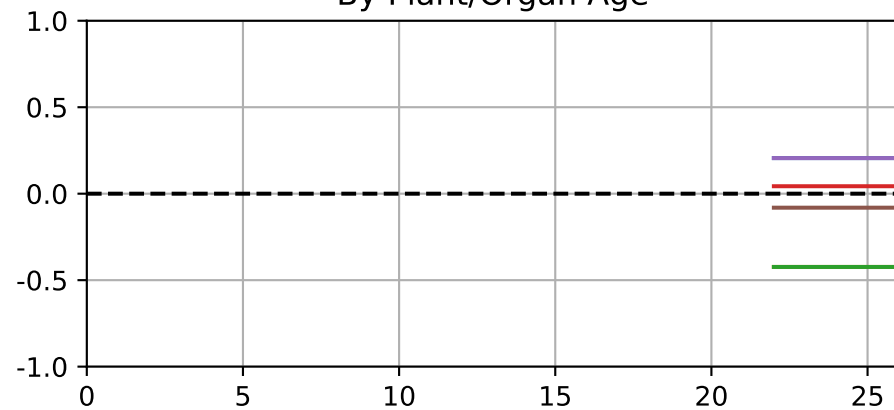
a (Def=0.42 Set=0.37)
avg1=0.36~3% avg2=0.37~4%



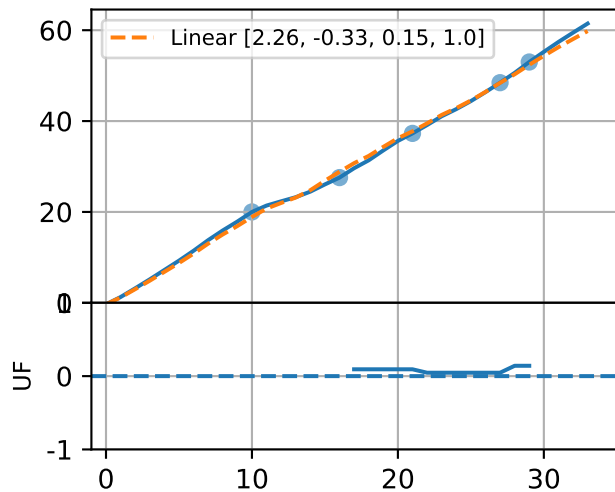
By Start Date



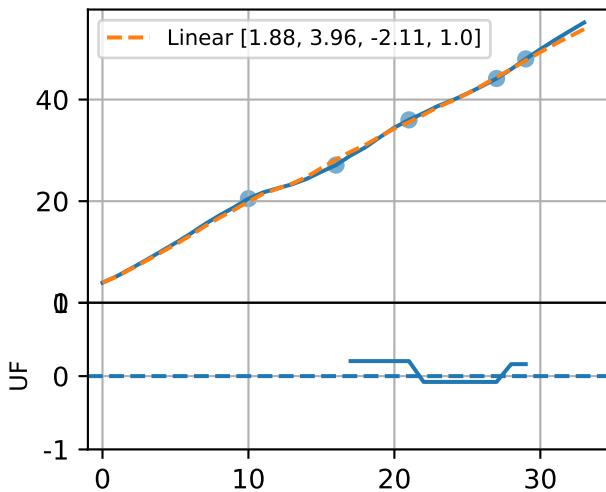
By Plant/Organ Age



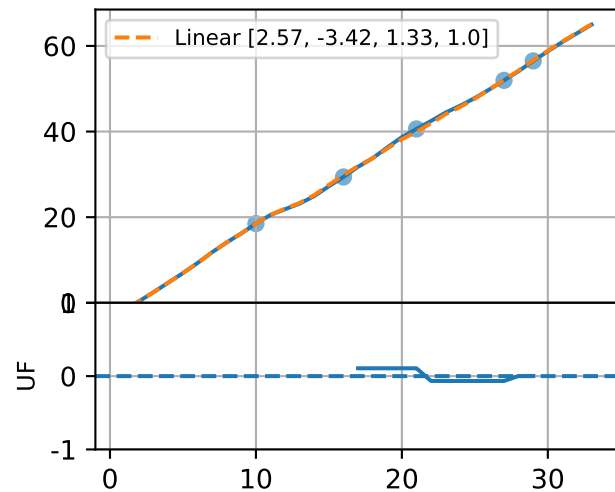
P10AE-063-19



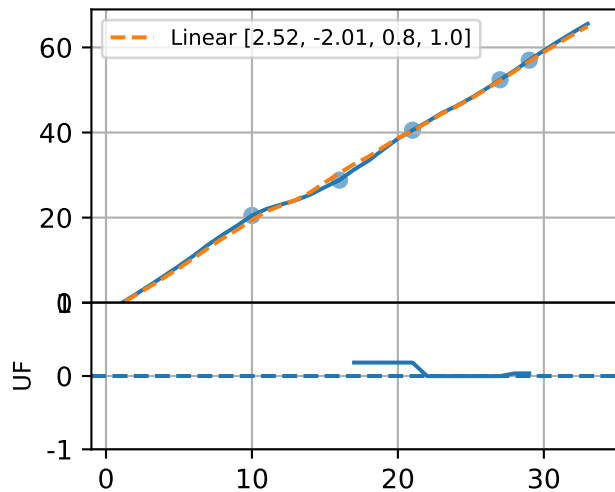
P10AE-076-5



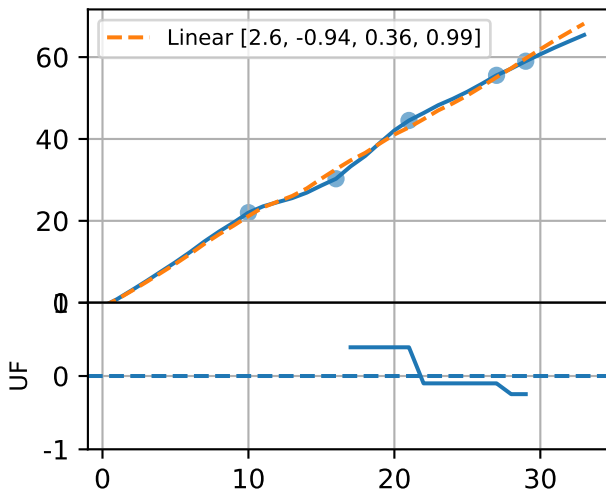
P10AE-089-22



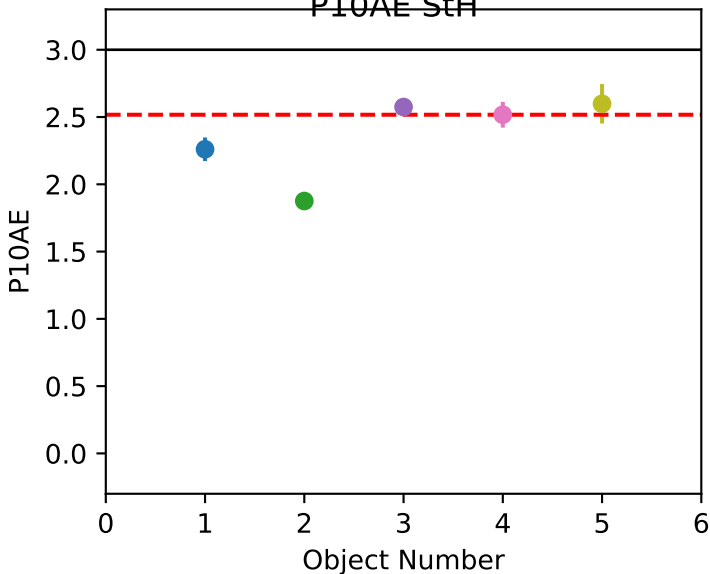
P10AE-103-17



P10AE-116-21

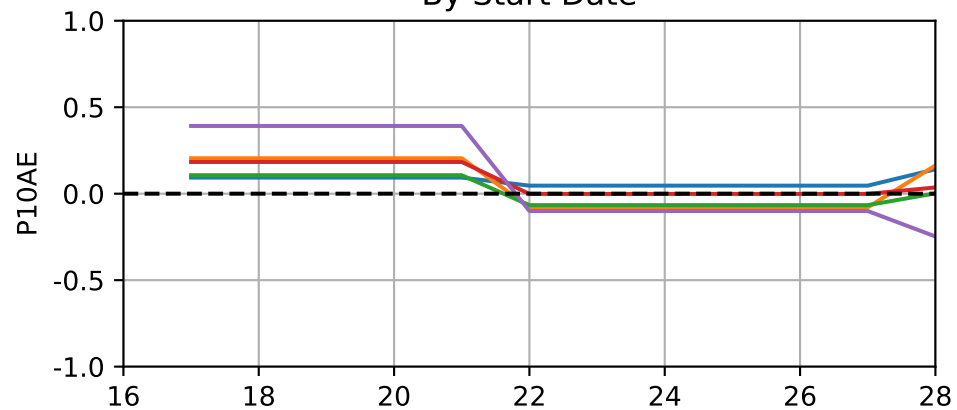


a (Def=3 Set=2.52)
avg1=2.52~12% avg2=na

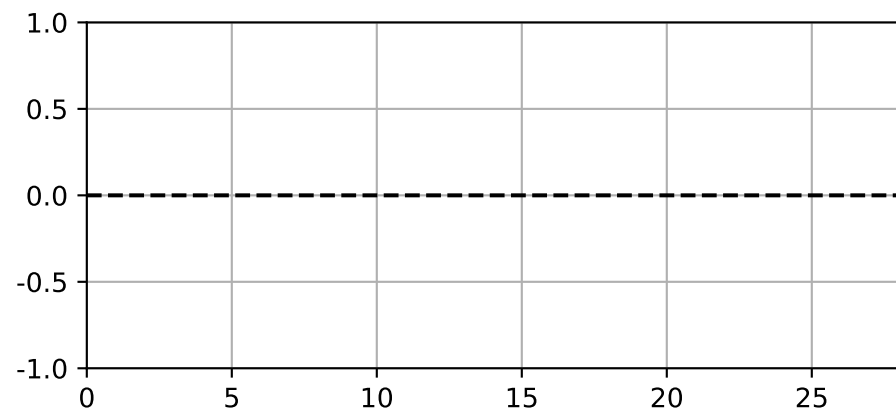
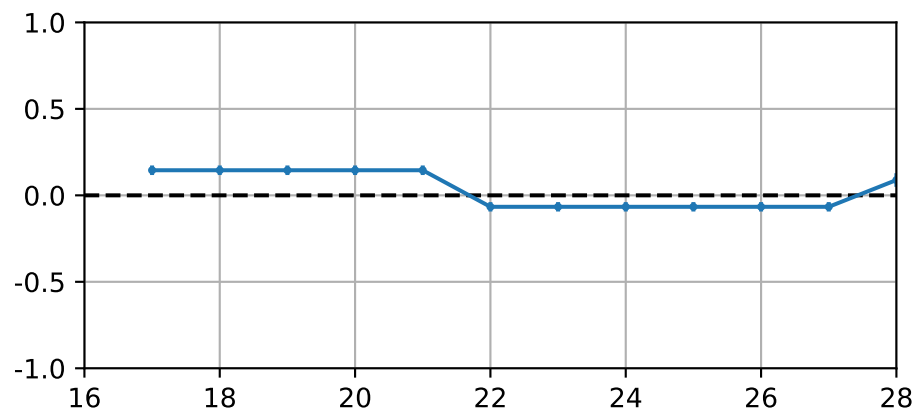
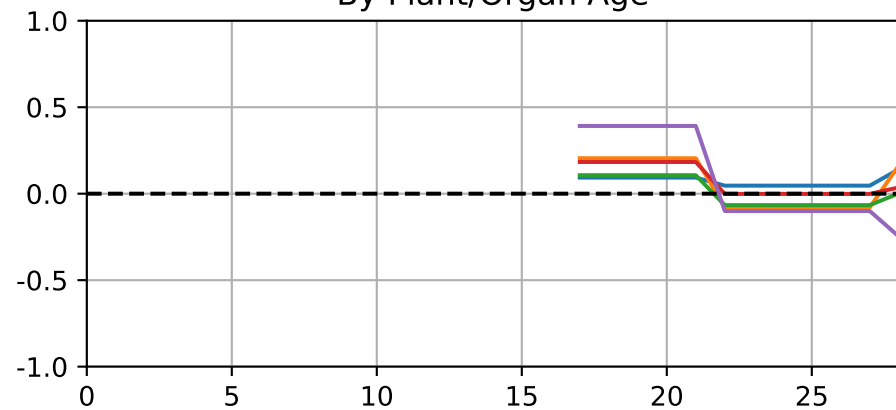


StH

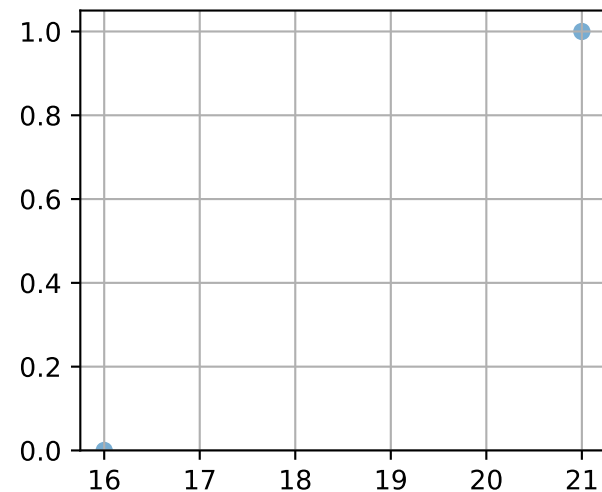
By Start Date



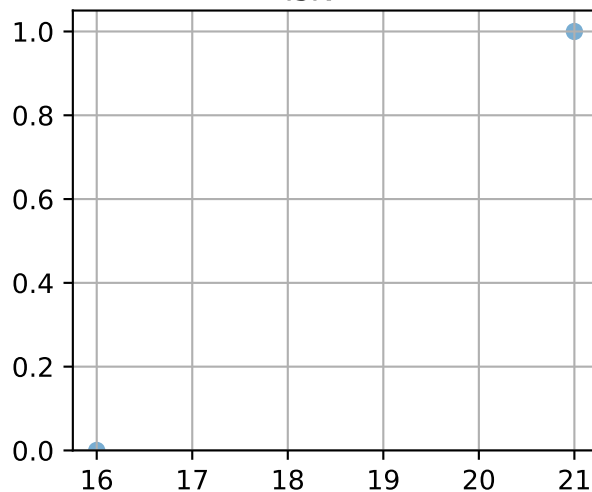
By Plant/Organ Age



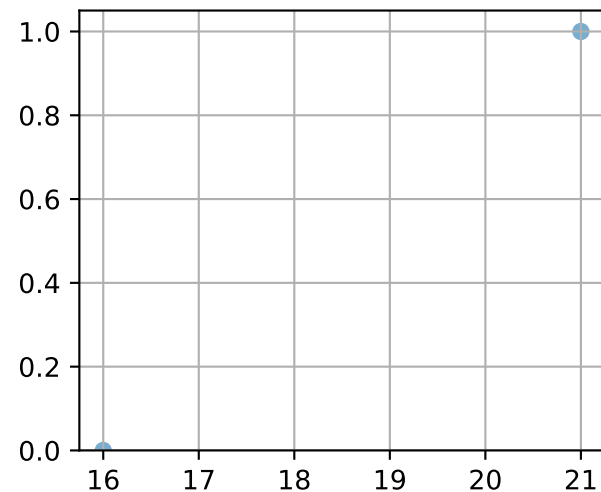
P10AE-063-19 (fit failed)



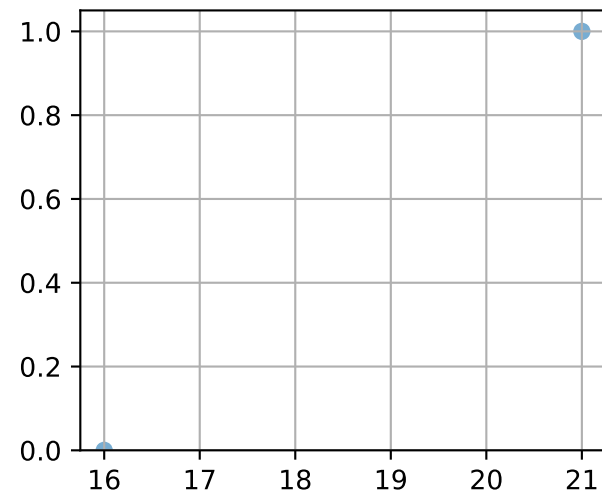
P10AE-076-15 (fit failed)



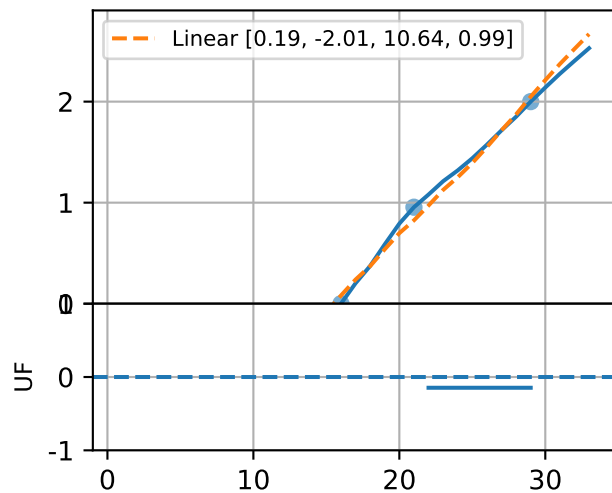
P10AE-089-22 (fit failed)



P10AE-103-17 (fit failed)

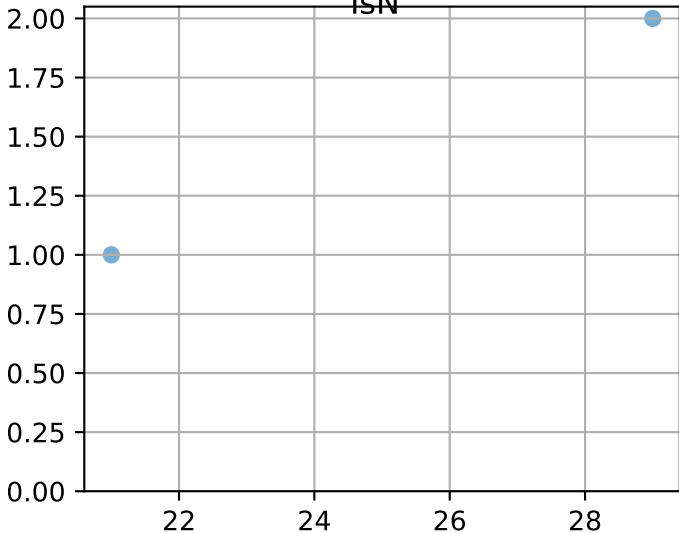


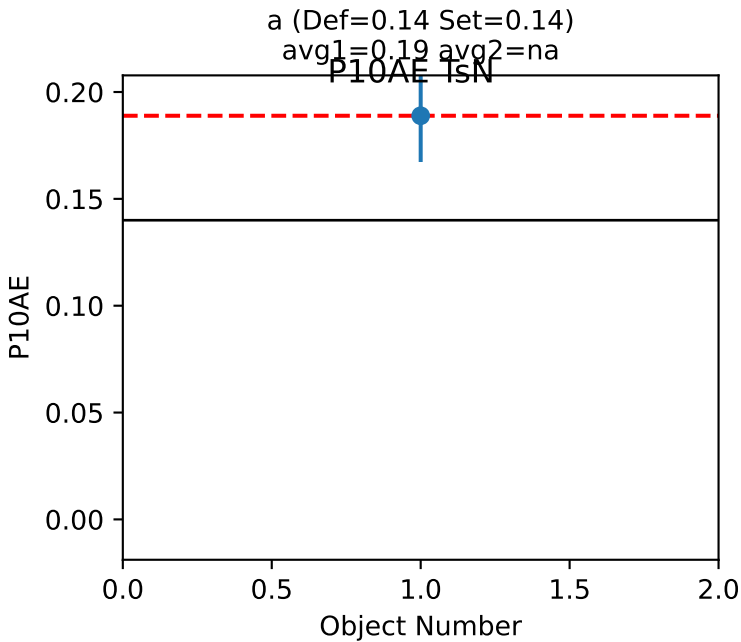
P10AE-116-21



P10AEavg (fit failed)

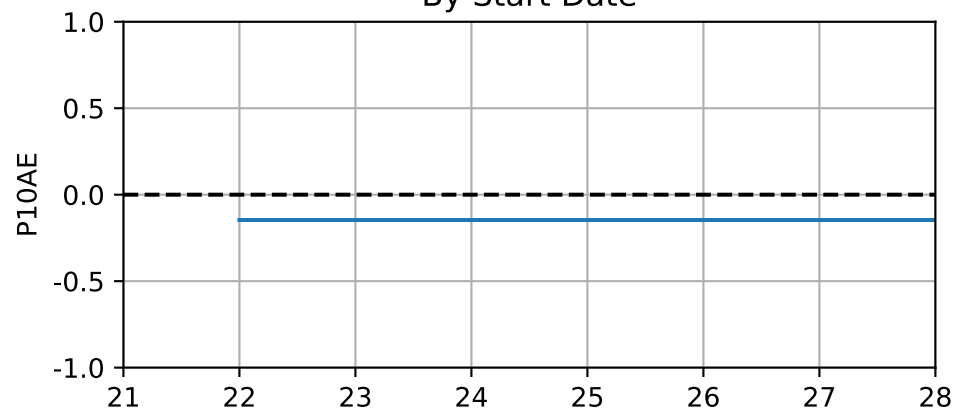
TSN



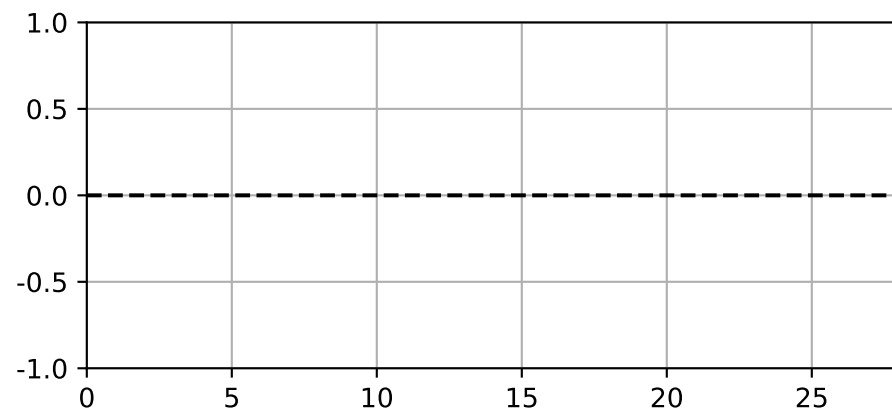
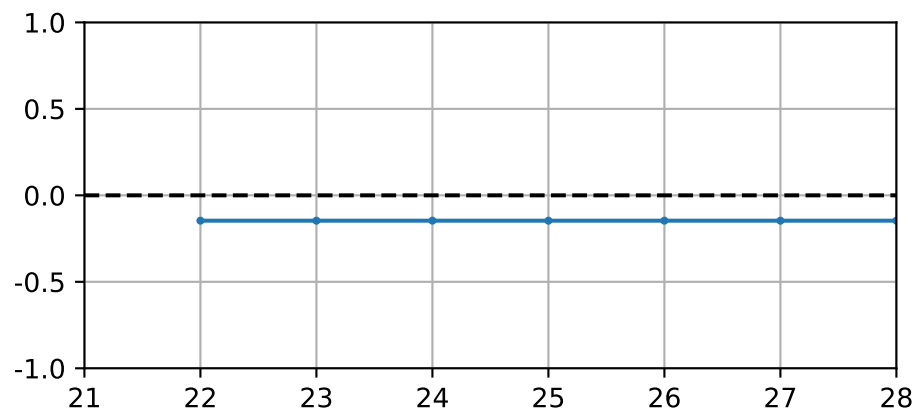


TsN

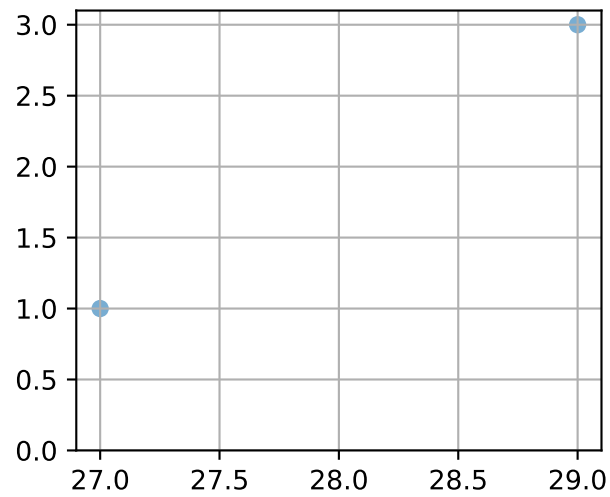
By Start Date



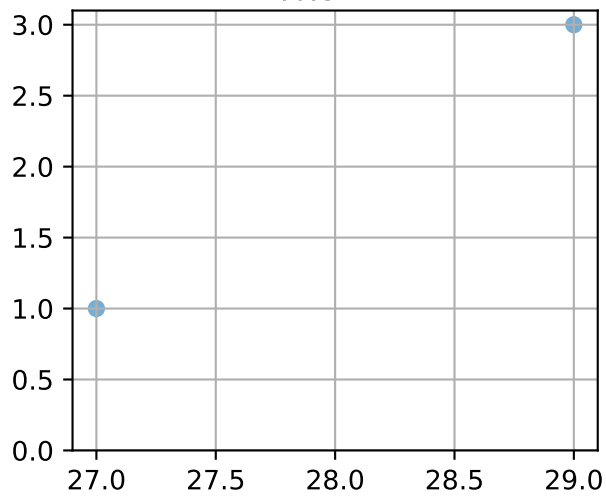
By Plant/Organ Age



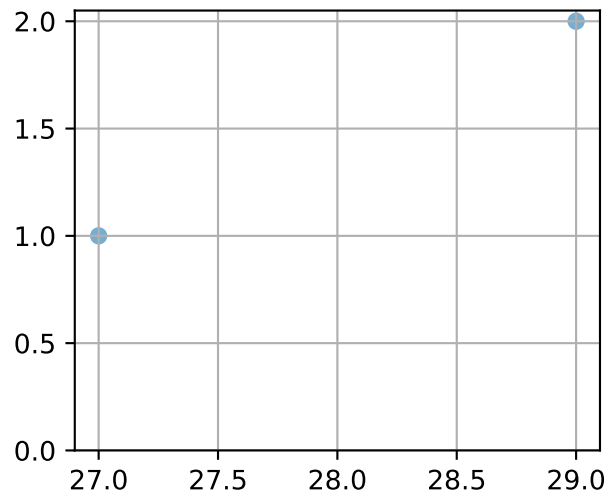
P10AE-063-19T1 (fit failed)



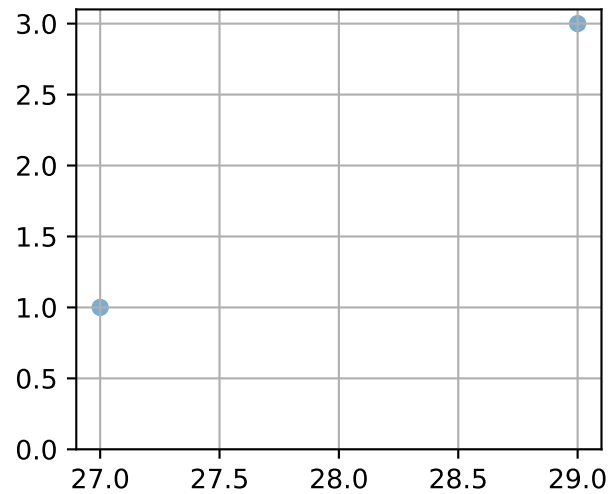
P10AE-076-5T1 (fit failed)



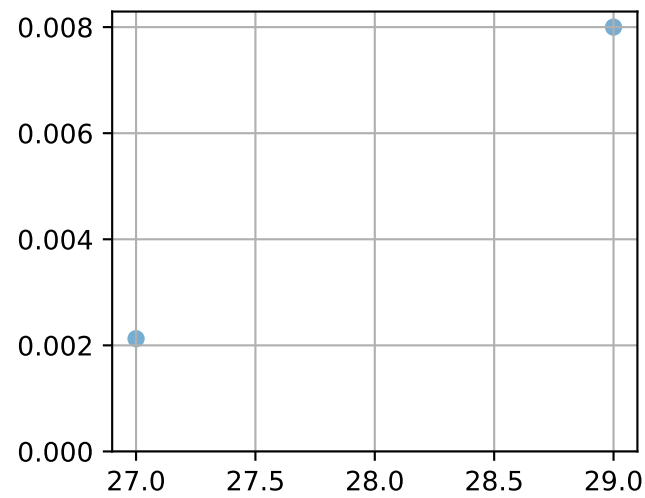
P10AE-103-17T1 (fit failed)



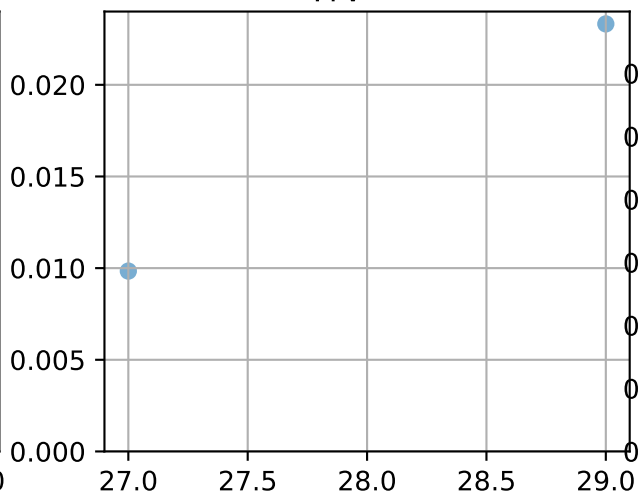
P10AE-116-21T1 (fit failed)



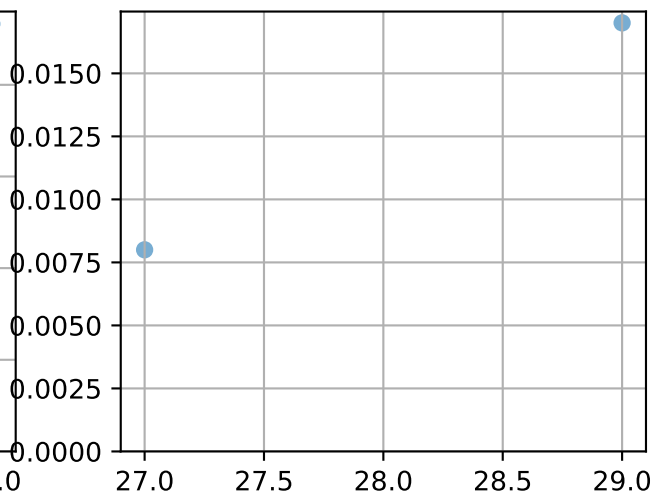
P10AE-063-19T1Fr1 (fit failed)



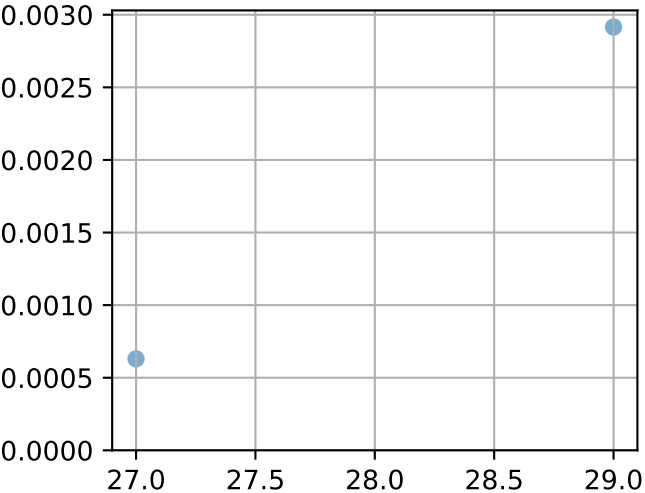
P10AE-076-5T1Fr1 (fit failed)



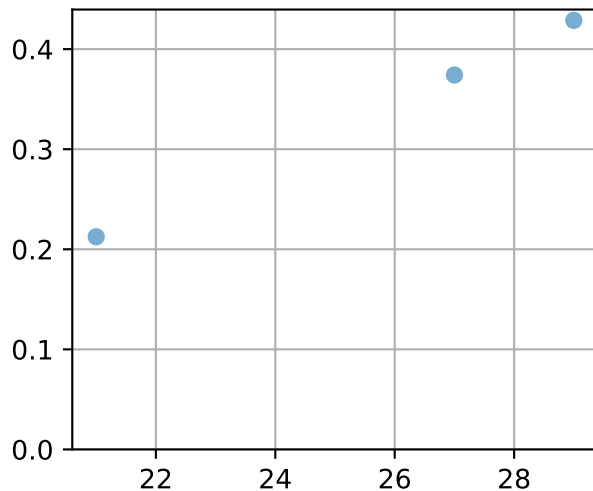
P10AE-103-17T1Fr1 (fit failed)



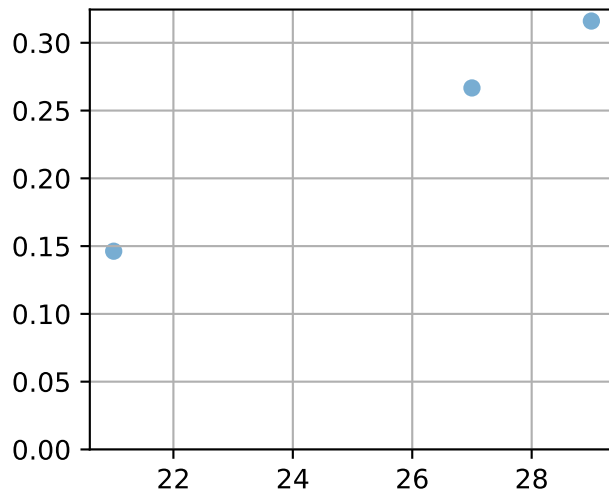
P10AE-116-21T1Fr1 (fit failed)



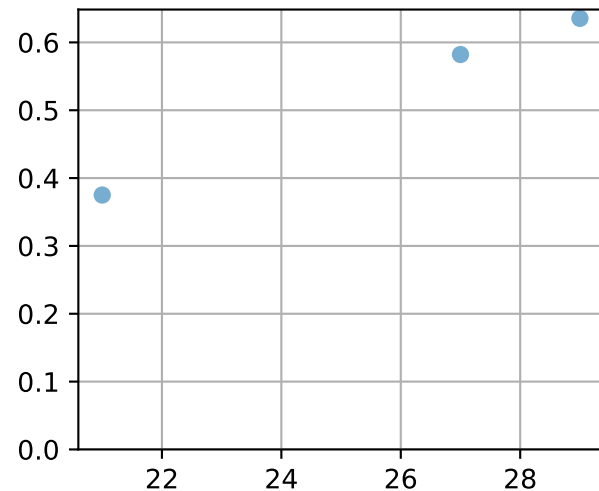
P10AE-063-19L6 (fit failed)



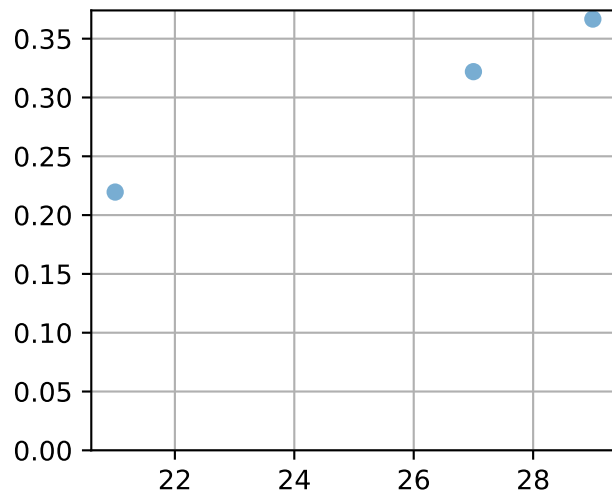
P10AE-076-5L7 (fit failed)



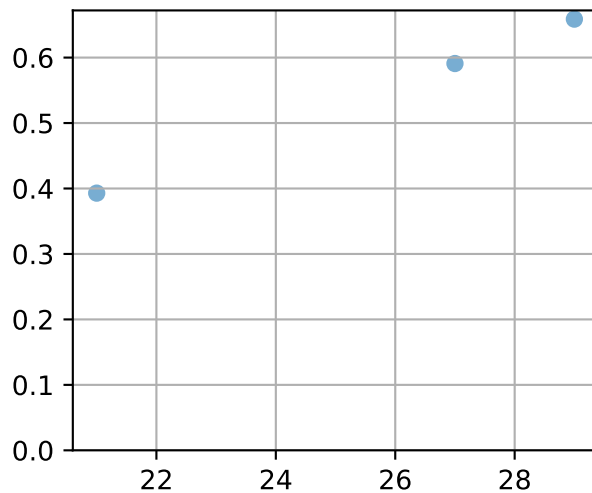
P10AE-089-22L7 (fit failed)



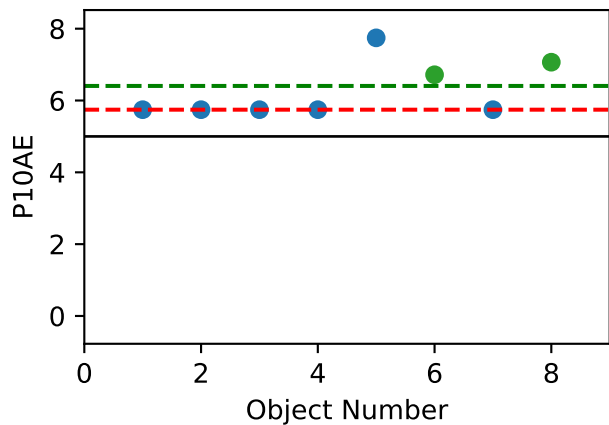
P10AE-103-17L7 (fit failed)



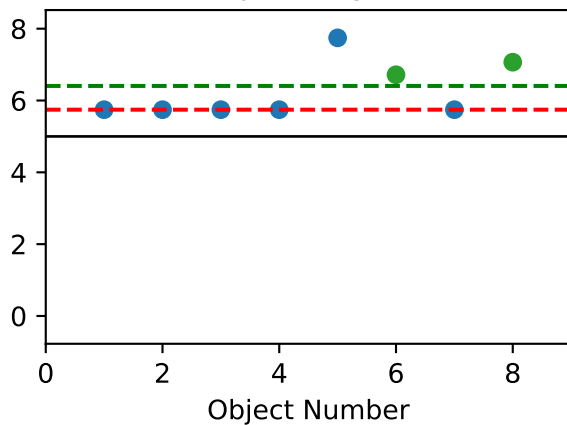
P10AE-116-21L6 (fit failed)



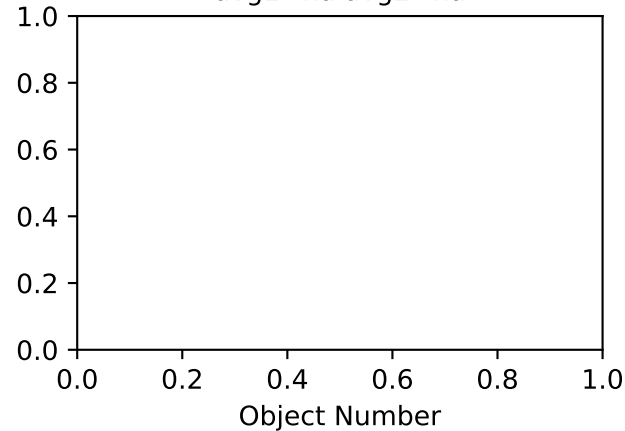
Fl_dm (Def=5 Set=5.74)
avg1=5.74~8% avg2=6.41~15%



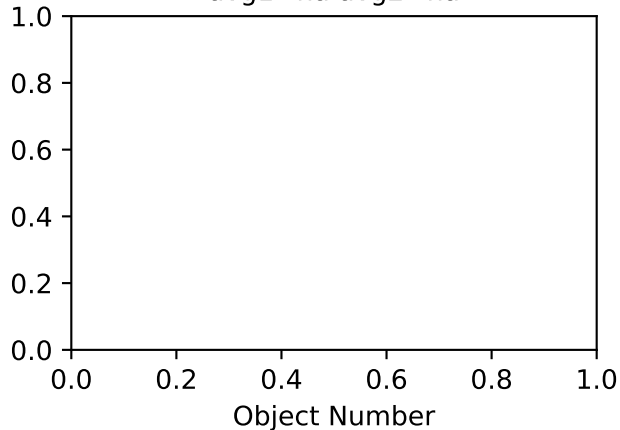
Fl_de (Def=5 Set=5.74)
avg1=5.74~8% avg2=6.41~15%



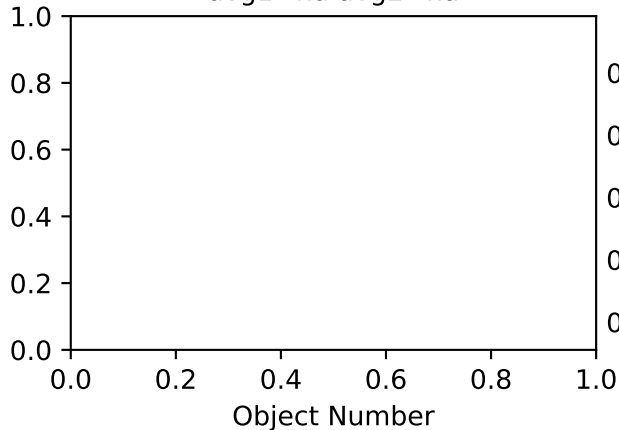
FrV_dm (Def=18 Set=18)
avg1=na avg2=na



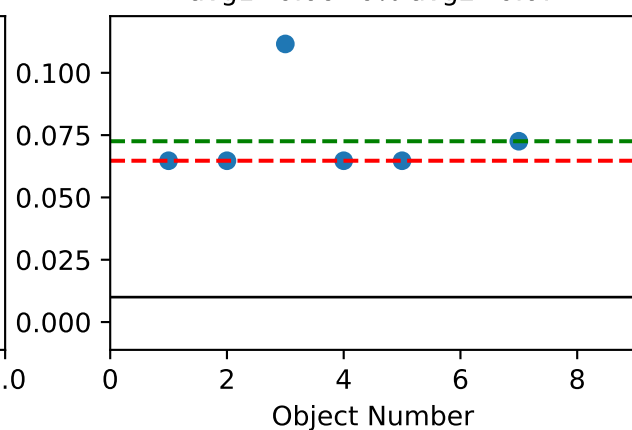
FrV_de (Def=15 Set=15)
avg1=na avg2=na



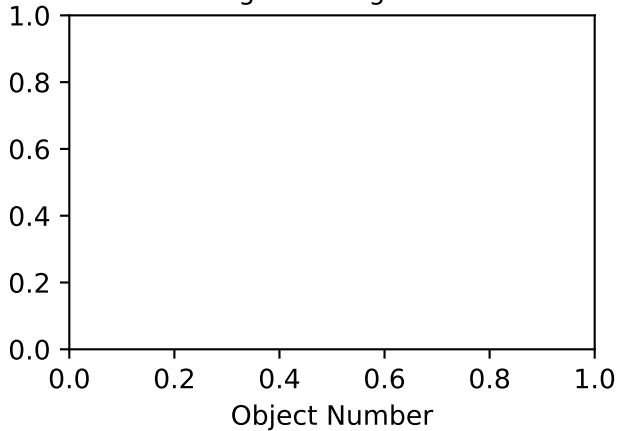
FrN_a (Def=0.45 Set=0.45)
avg1=na avg2=na



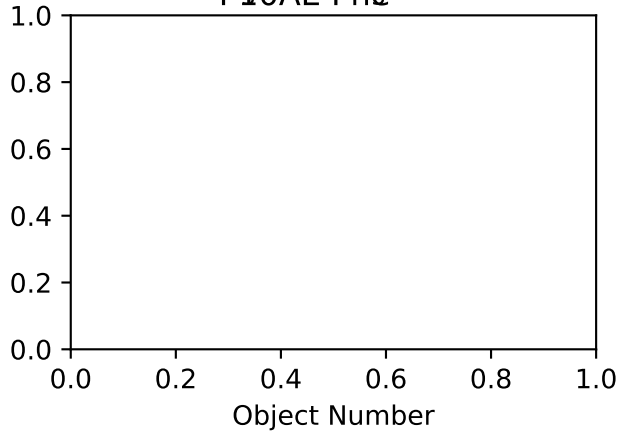
FSDdevStage (Def=0.01 Set=0.06)
avg1=0.06~0% avg2=0.07



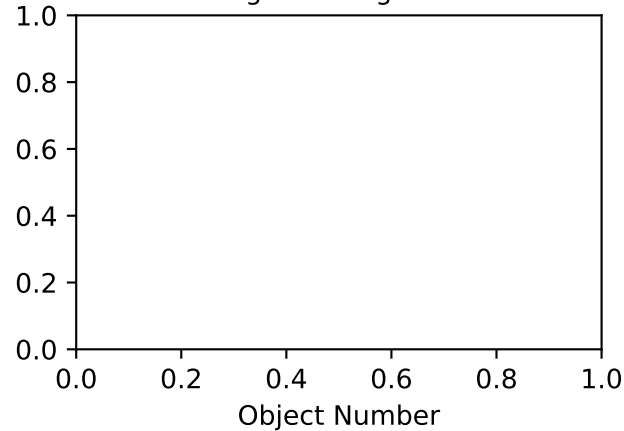
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



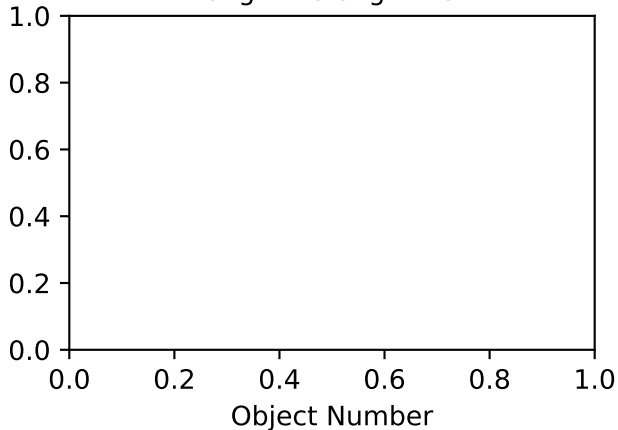
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



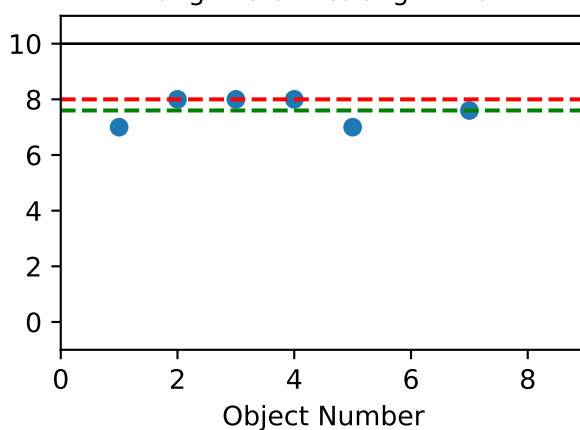
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

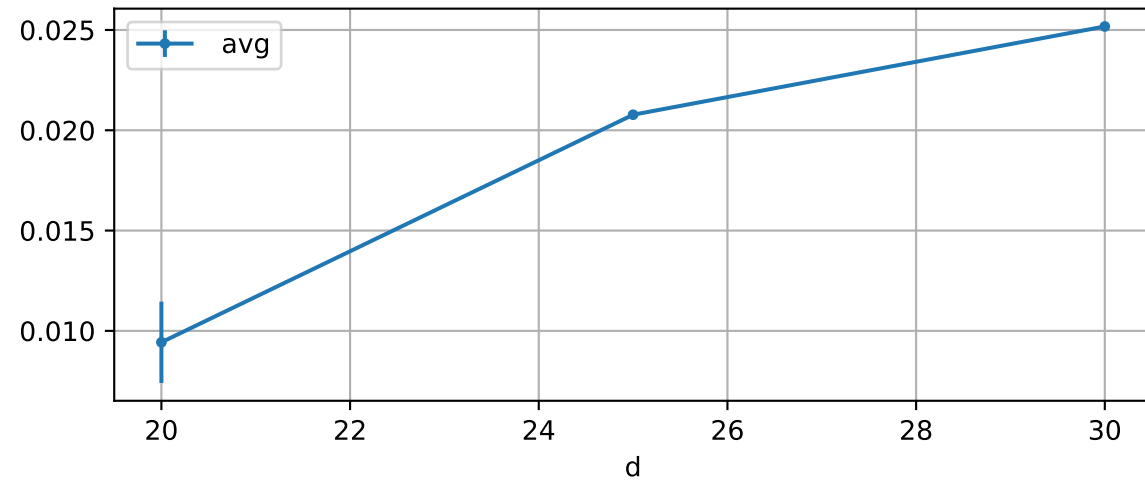


NNgen (Def=10 Set=8)
avg1=8.0~7% avg2=7.6

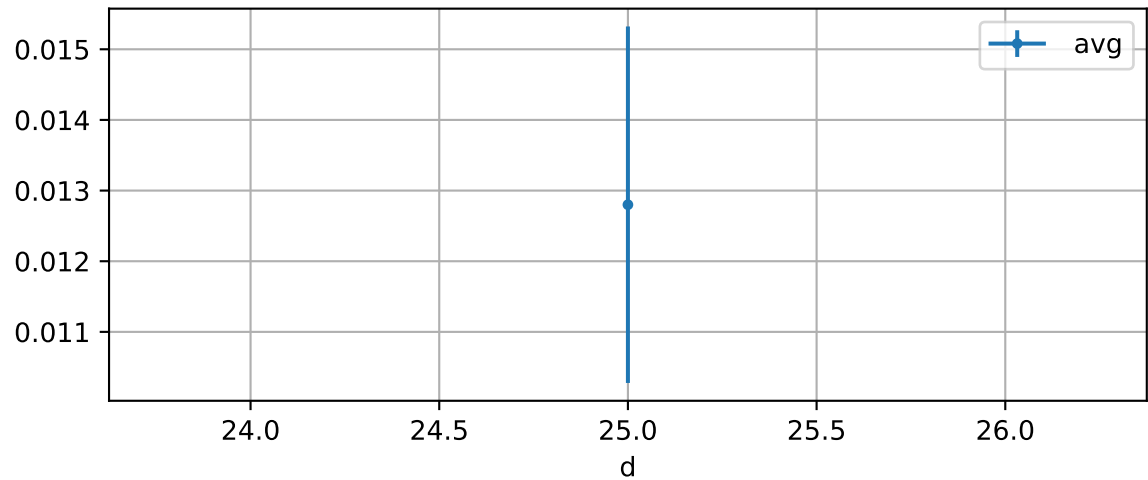


LfA: avg vs. d at each age group

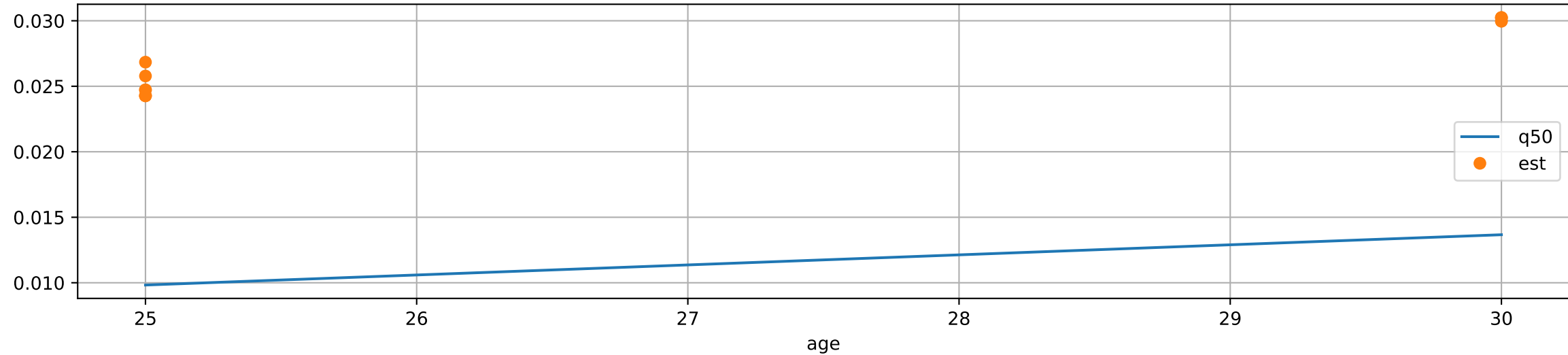
age=25



age=30



LfA: model est vs obsOv@Q50

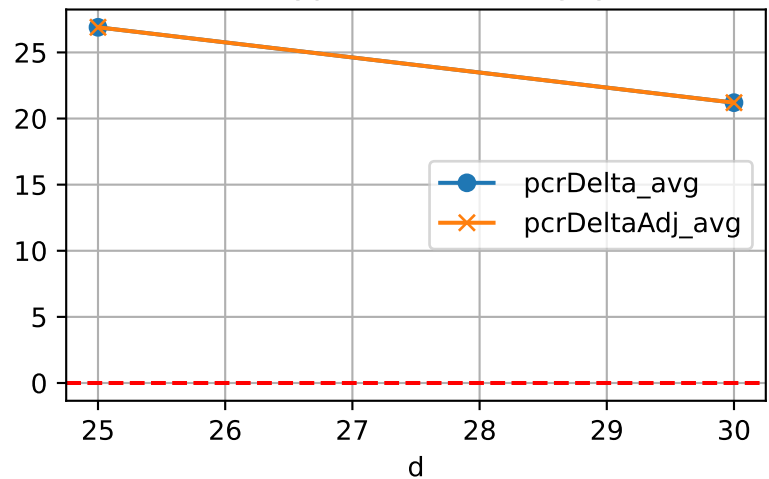
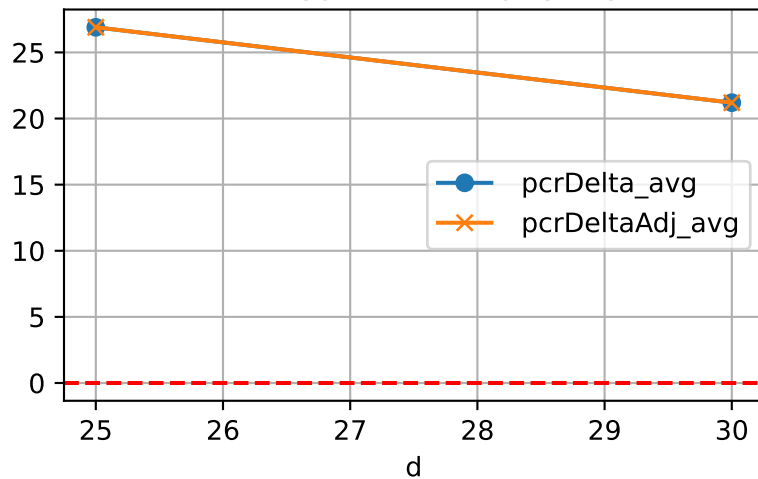
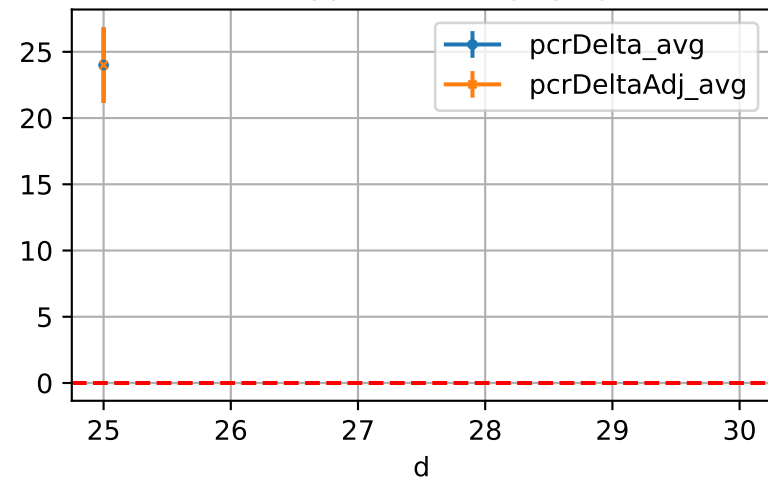


P10AE LfA: D_5d_LfA

DeltaTypeAbbr=GrpByAge

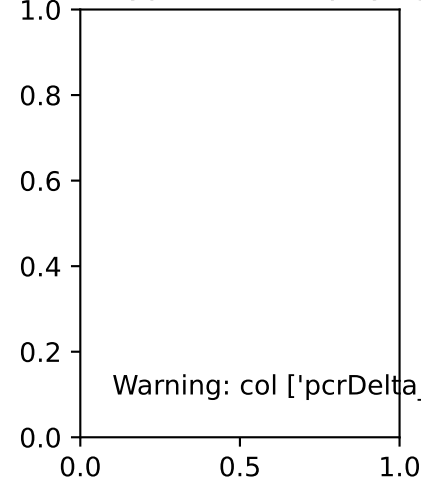
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

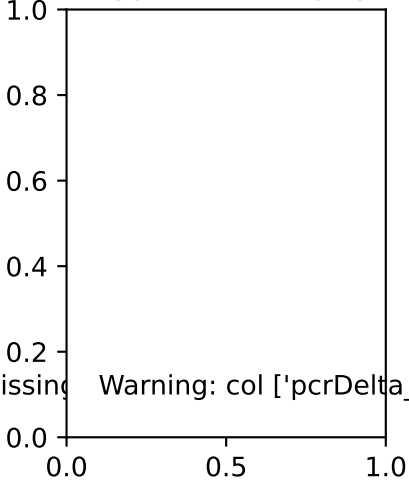


P10AE LfA: D_15d_LfA

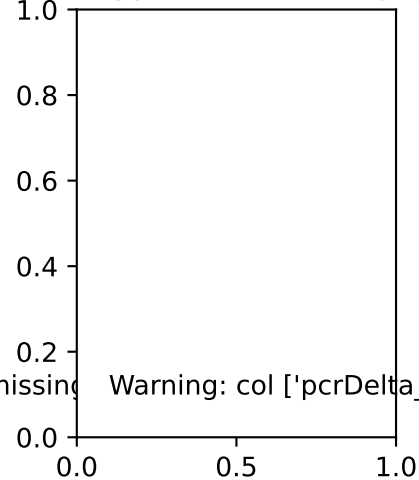
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

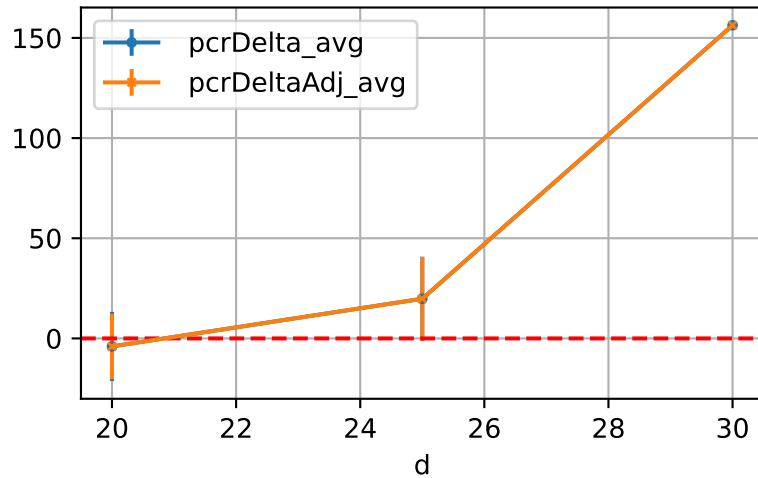


DeltaTypeAbbr=WeiAvgByD

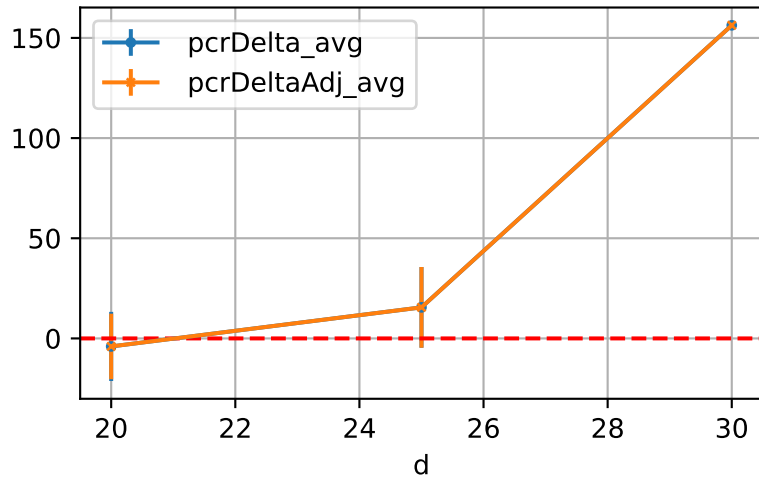


P10AE LfA: D_Q50_LfA

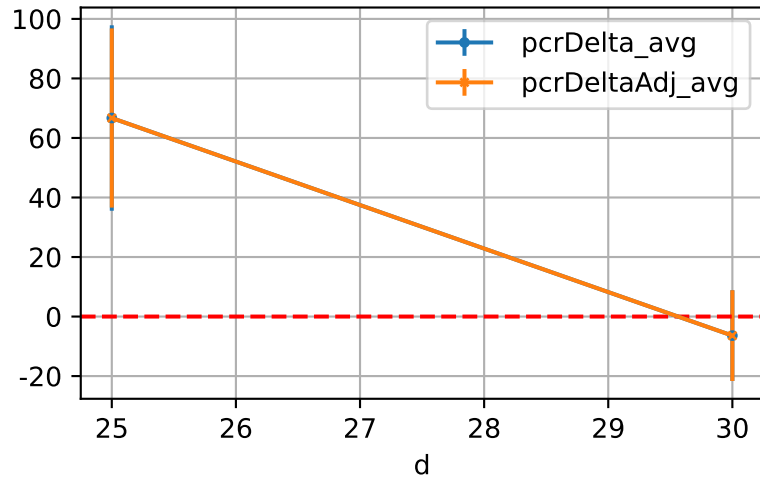
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

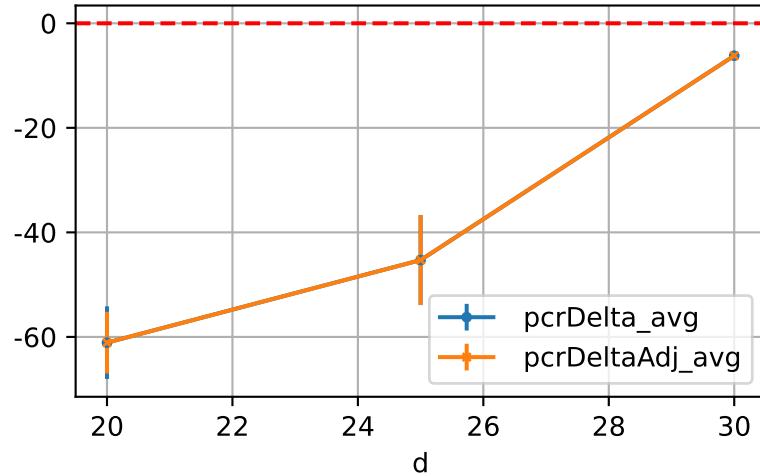


DeltaTypeAbbr=GrpByAge

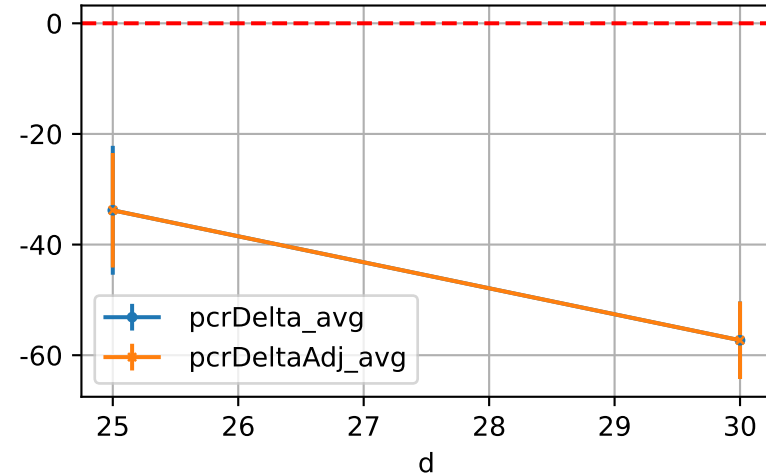


P10AE LfA: D_Est_LfA

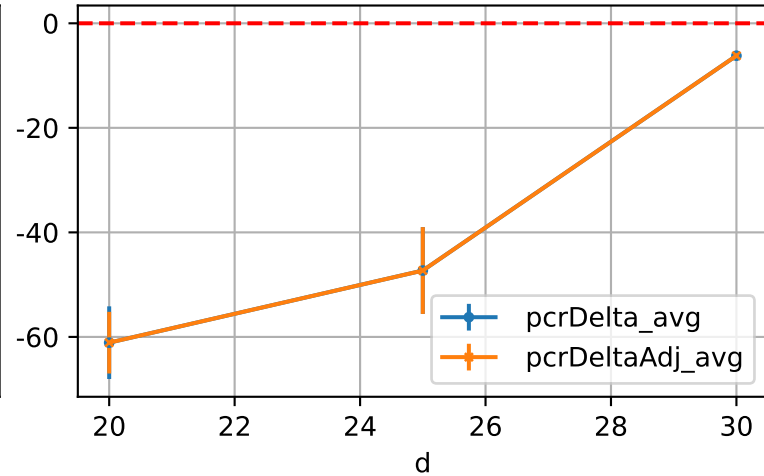
DeltaTypeAbbr=GrpByDay



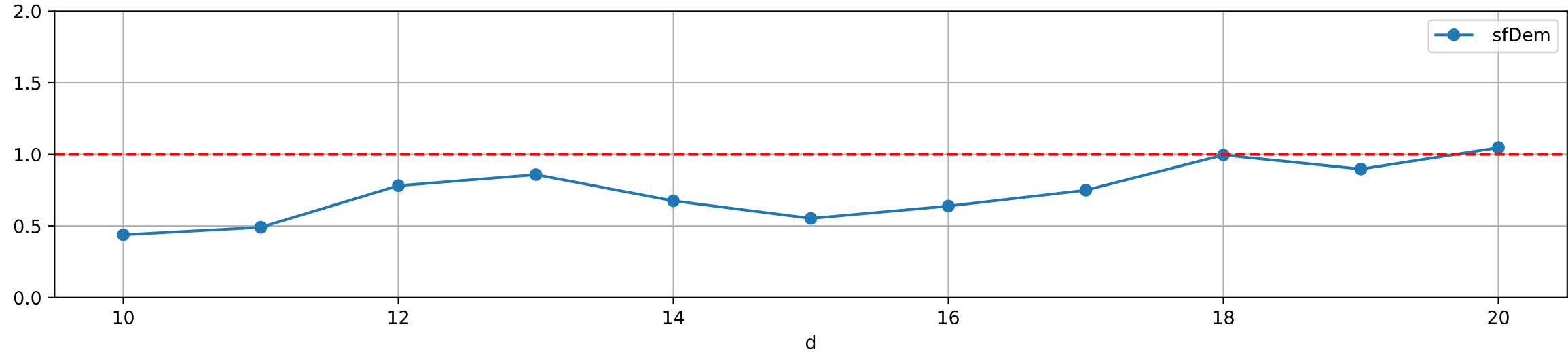
DeltaTypeAbbr=GrpByAge

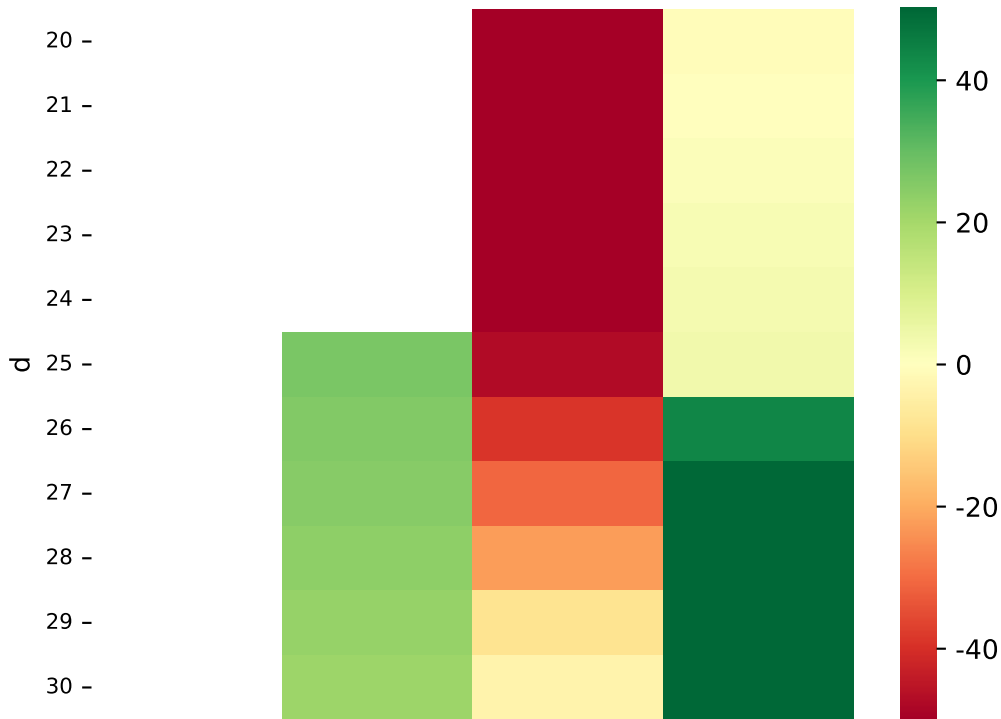


DeltaTypeAbbr=WeiAvgByD



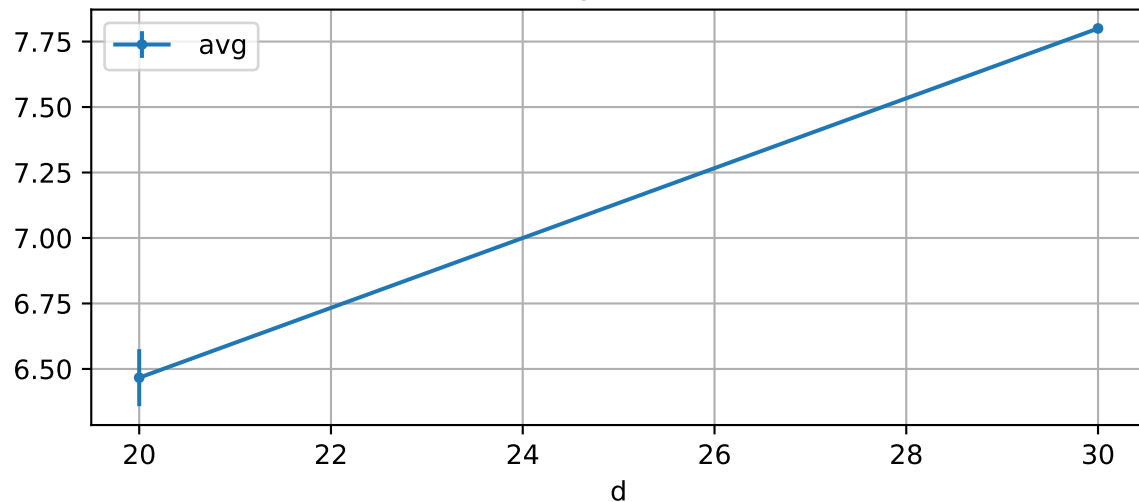
LfA: sfDem



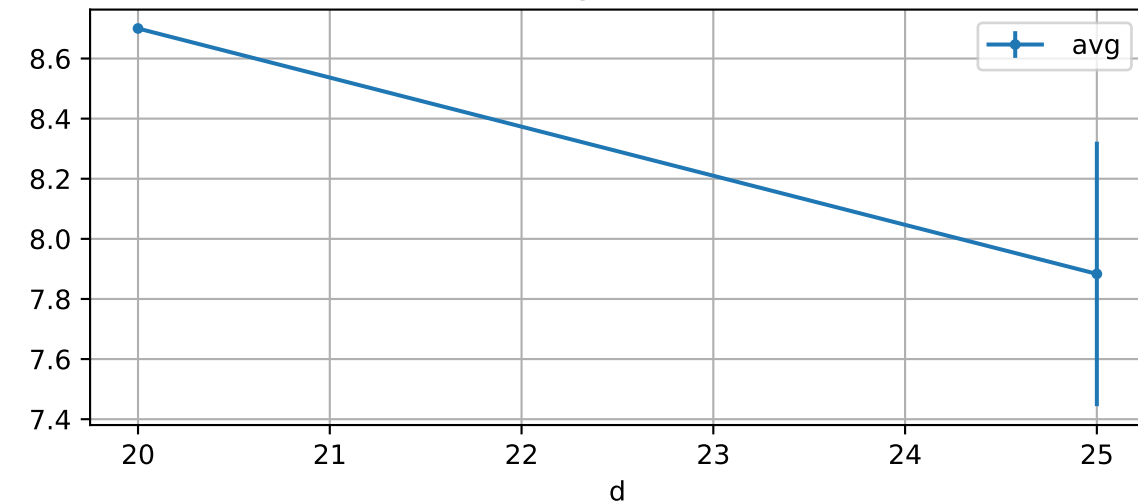


NdD: avg vs. d at each age group

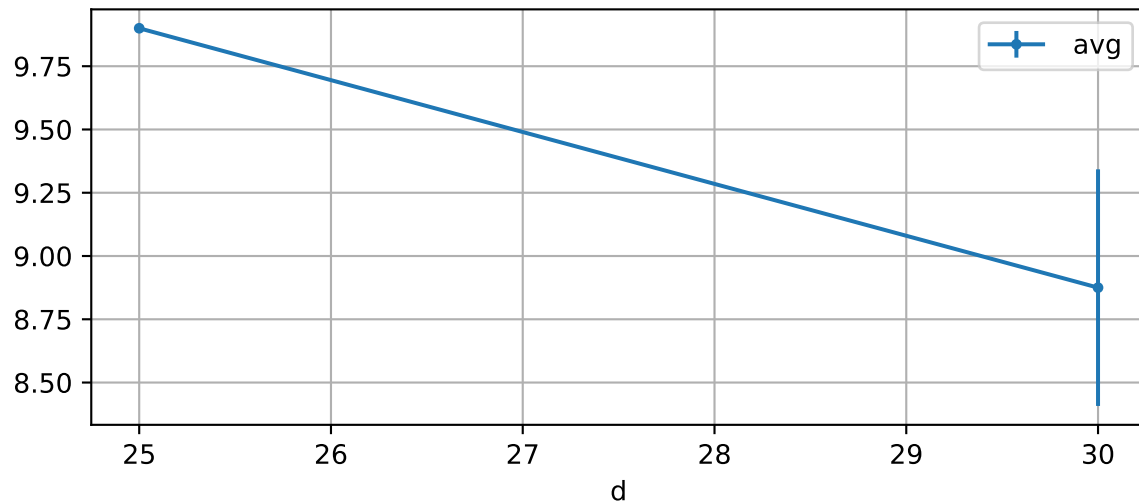
age=20



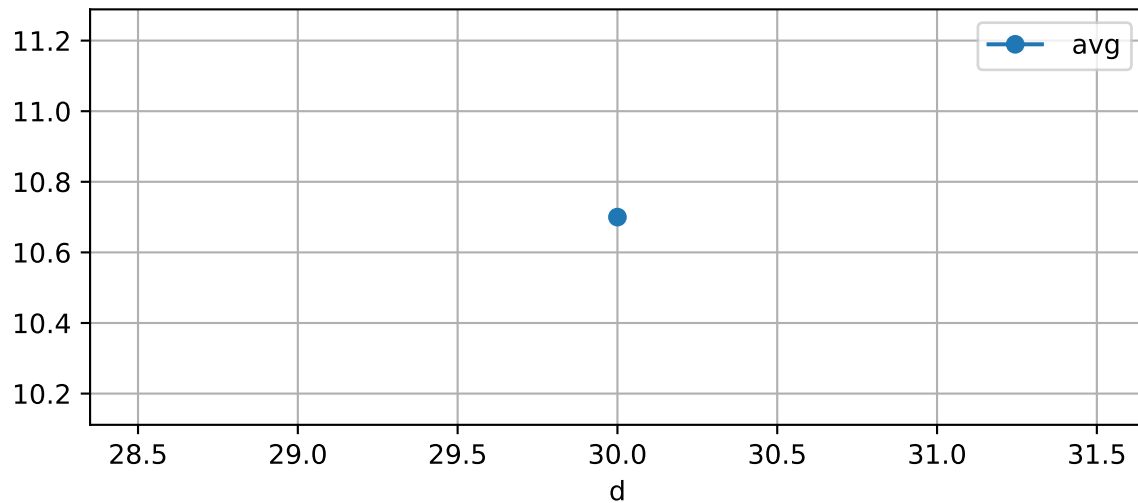
age=25



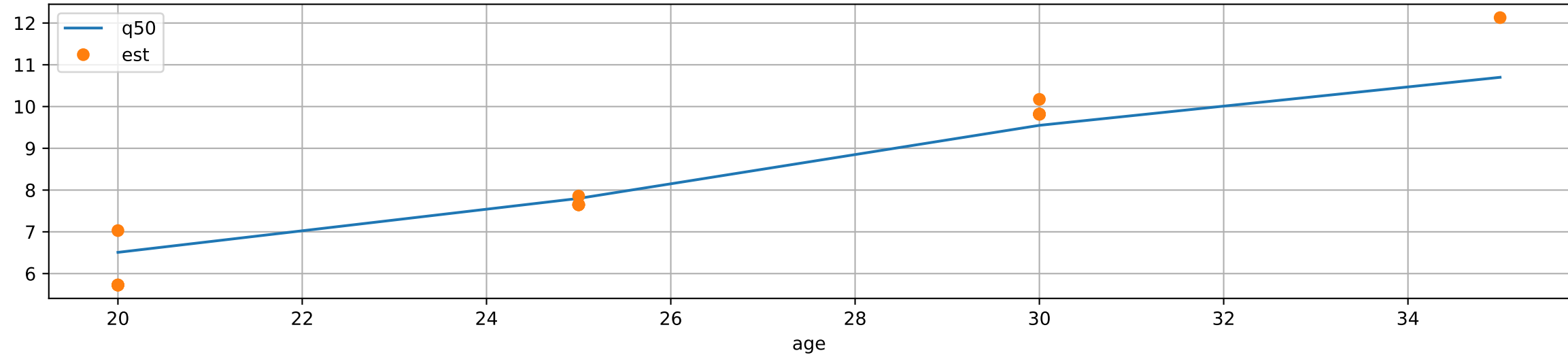
age=30



age=35

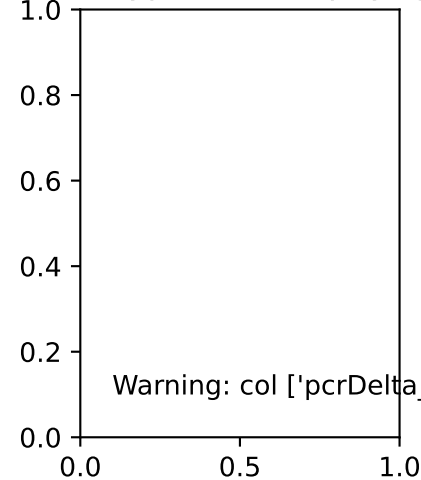


NdD: model est vs obsOv@Q50

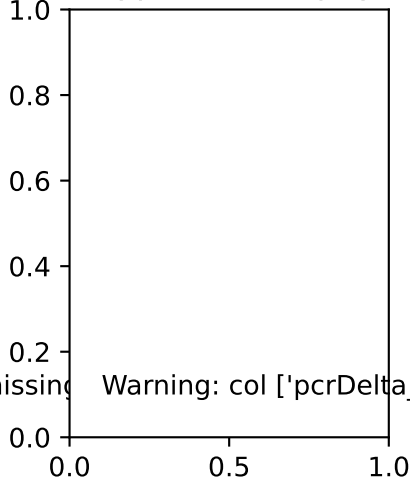


P10AE NdD: D_5d_NdD

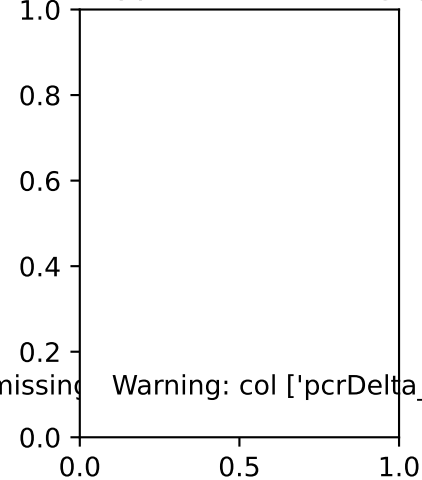
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

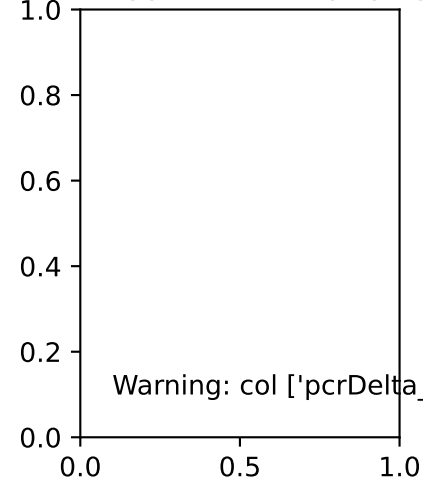


DeltaTypeAbbr=WeiAvgByD

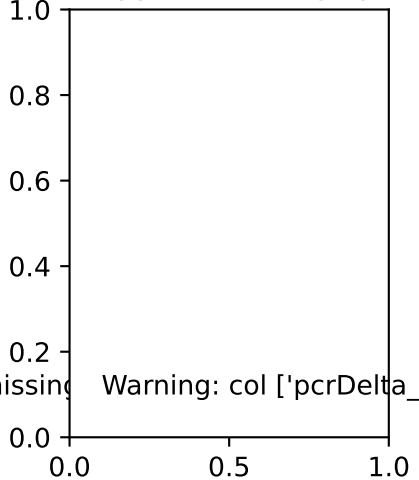


P10AE NdD: D_15d_NdD

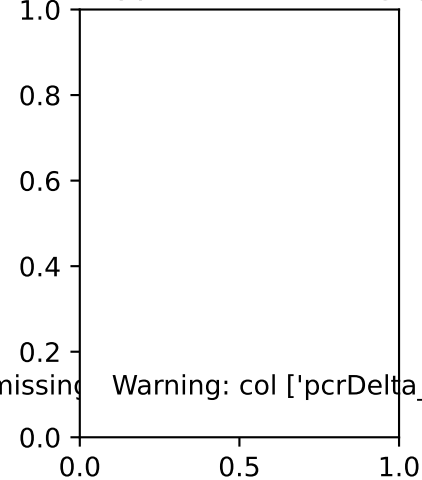
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DeltaTypeAbbr=GrpByDay

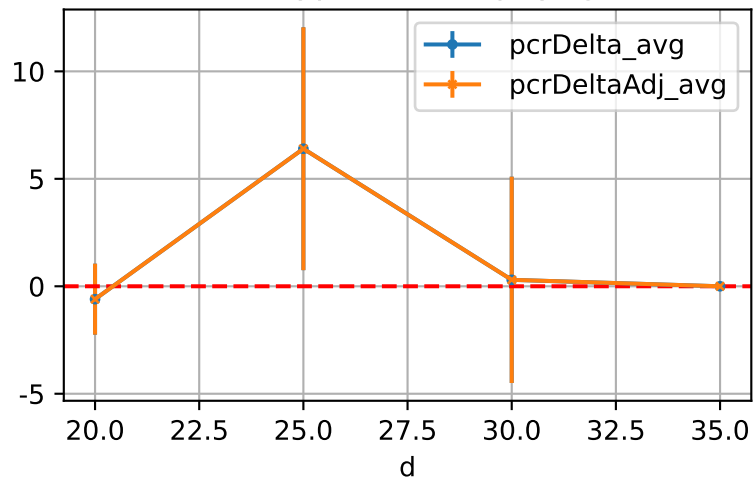


DeltaTypeAbbr=WeiAvgByD

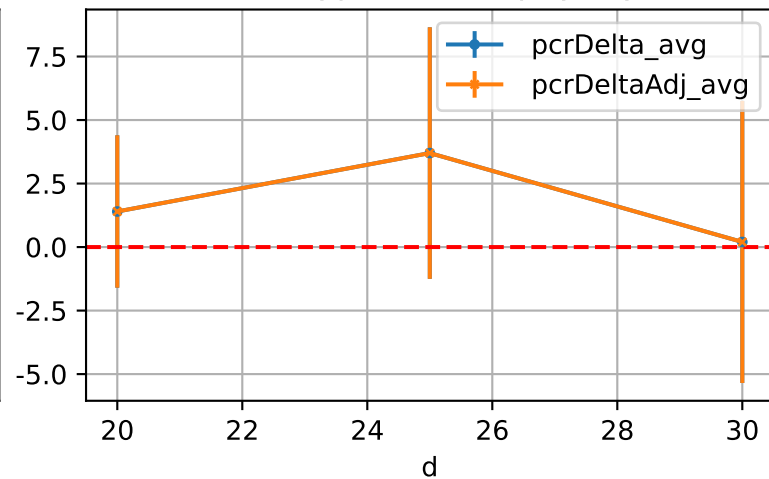


P10AE NdD: D_Q50_NdD

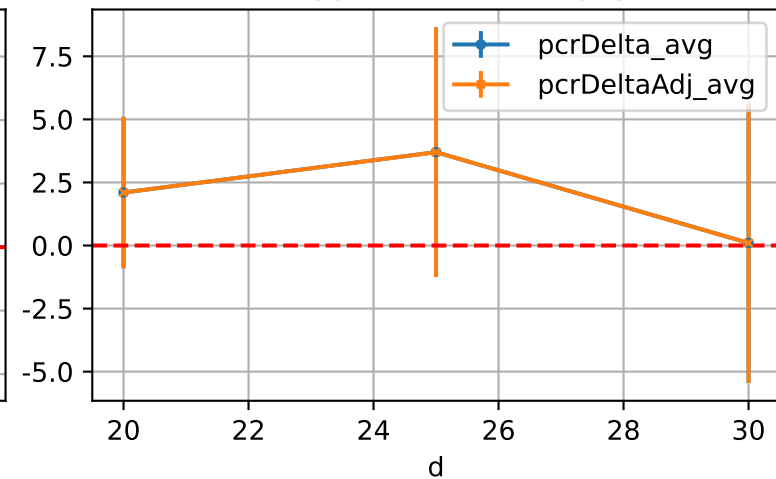
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

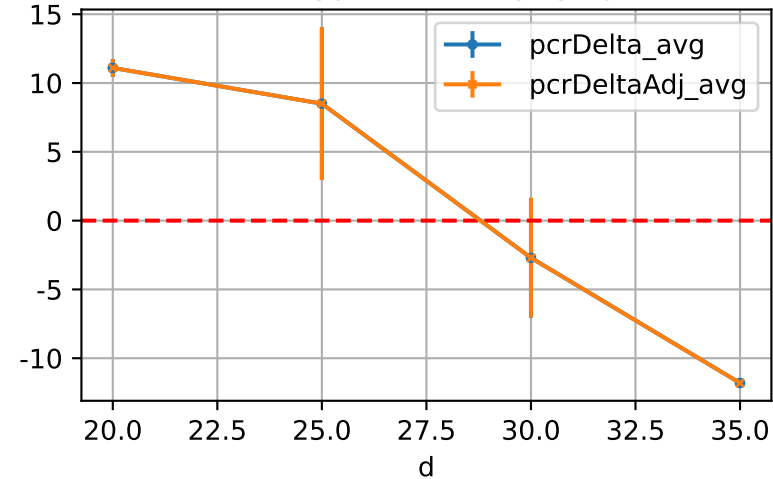


DeltaTypeAbbr=WeiAvgByD

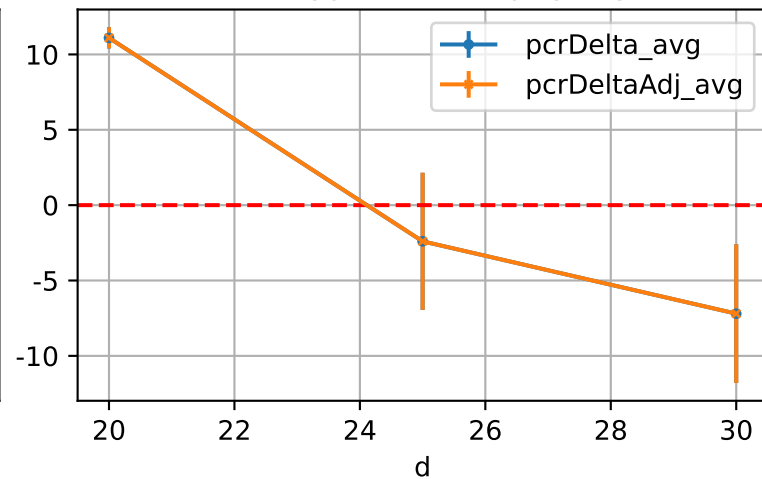


P10AE NdD: D_Est_NdD

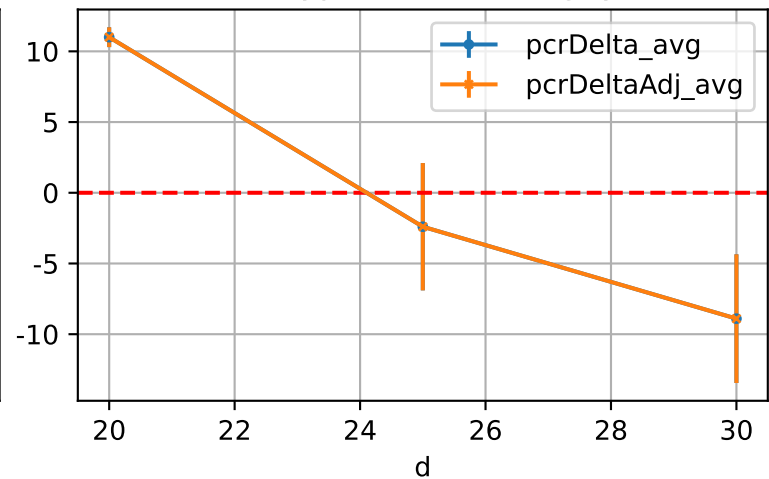
DeltaTypeAbbr=GrpByAge



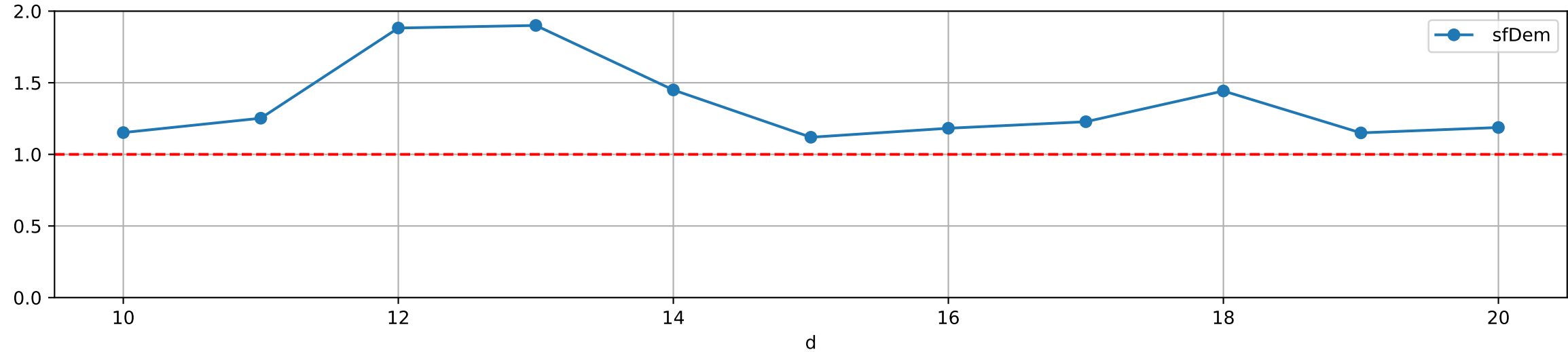
DeltaTypeAbbr=GrpByDay

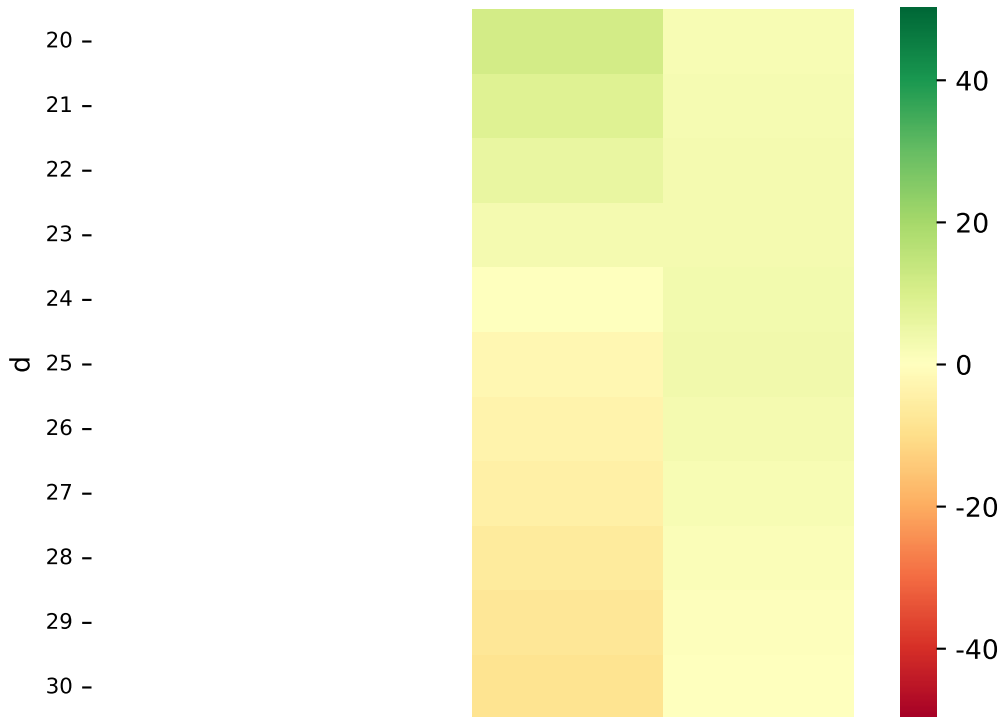


DeltaTypeAbbr=WeiAvgByD

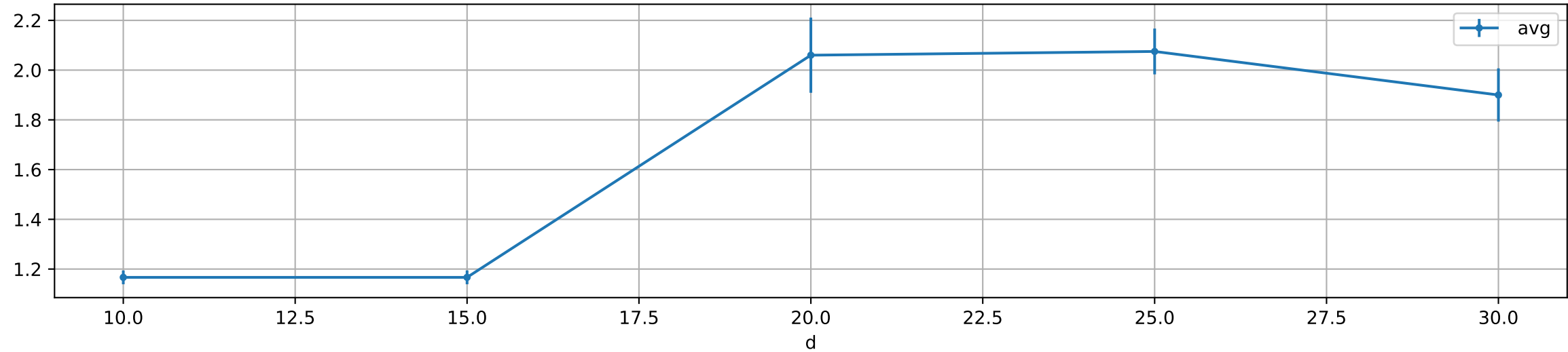


NdD: sfDem

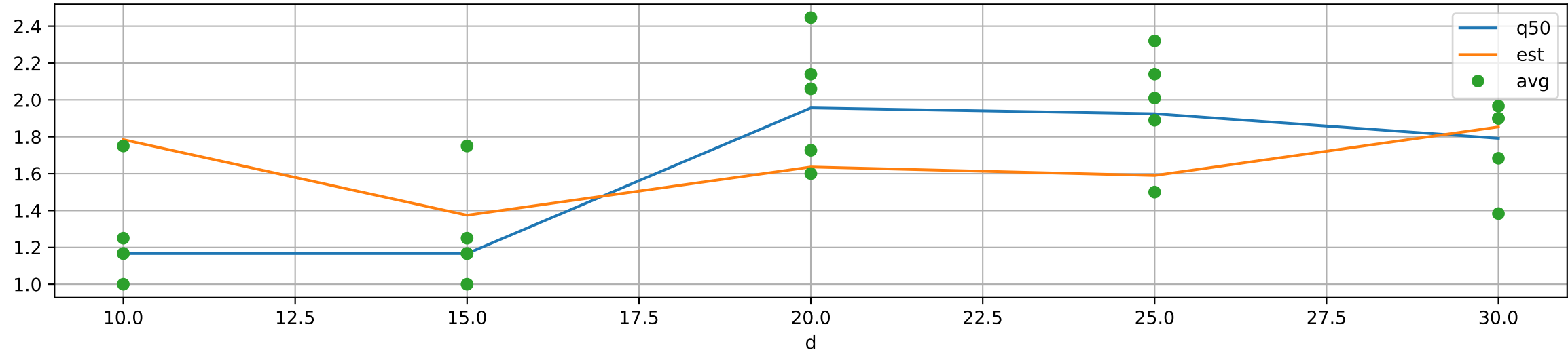




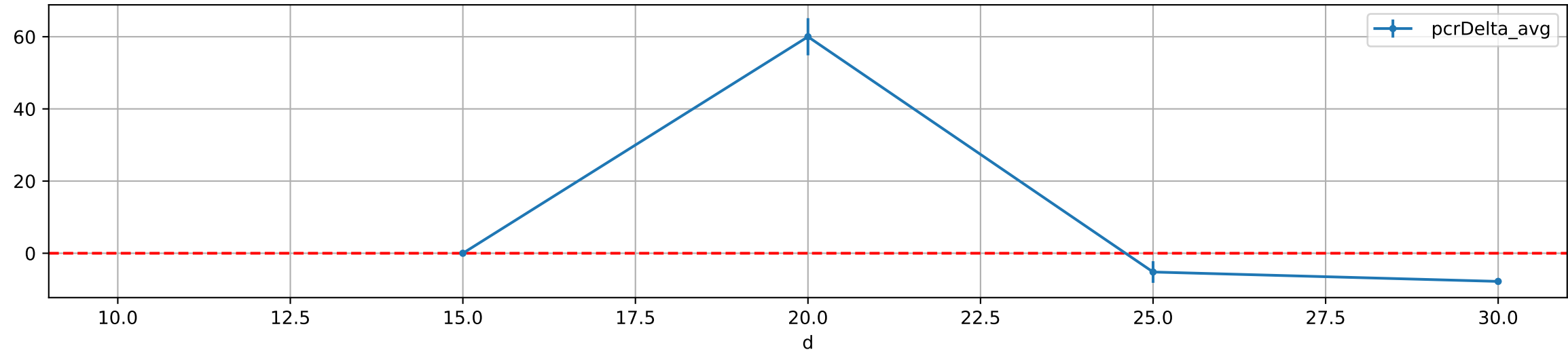
dStH: avg vs. d



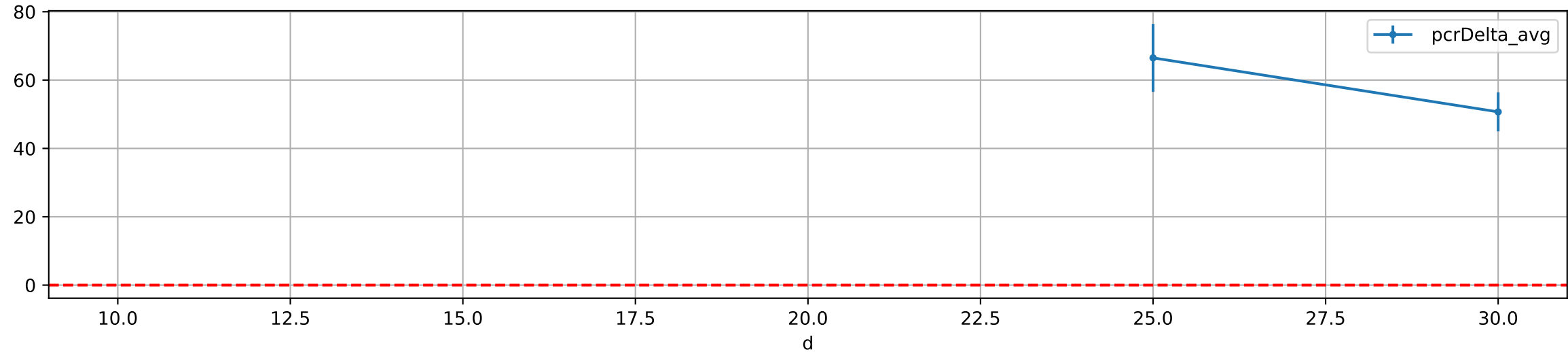
dStH: obsAvg vs obsOv@Q50



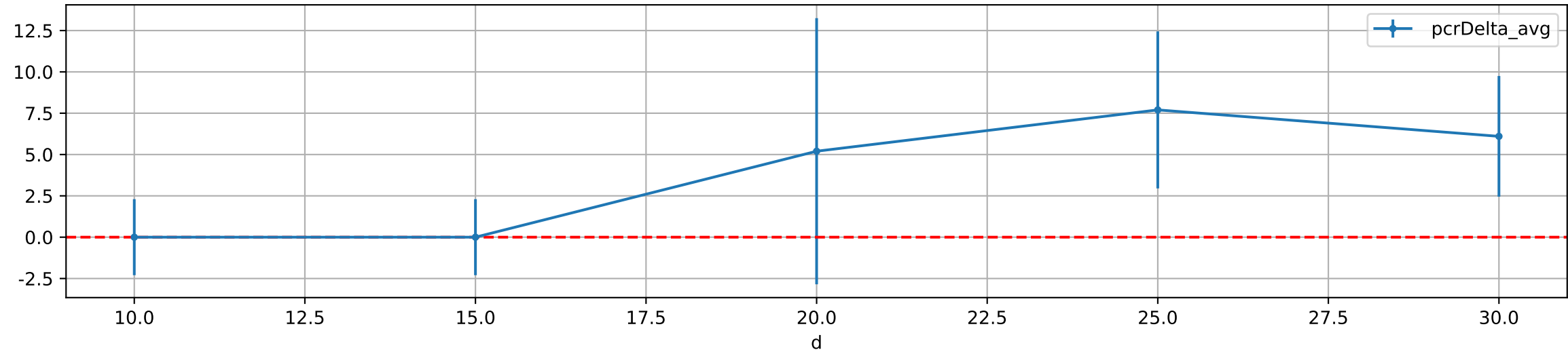
dStH: D_5d_StH



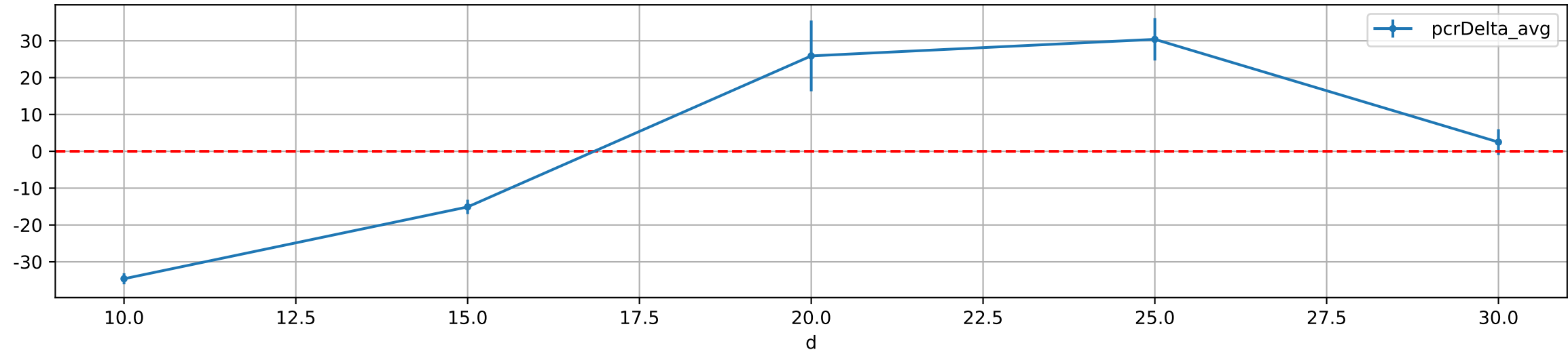
dStH: D_15d_StH



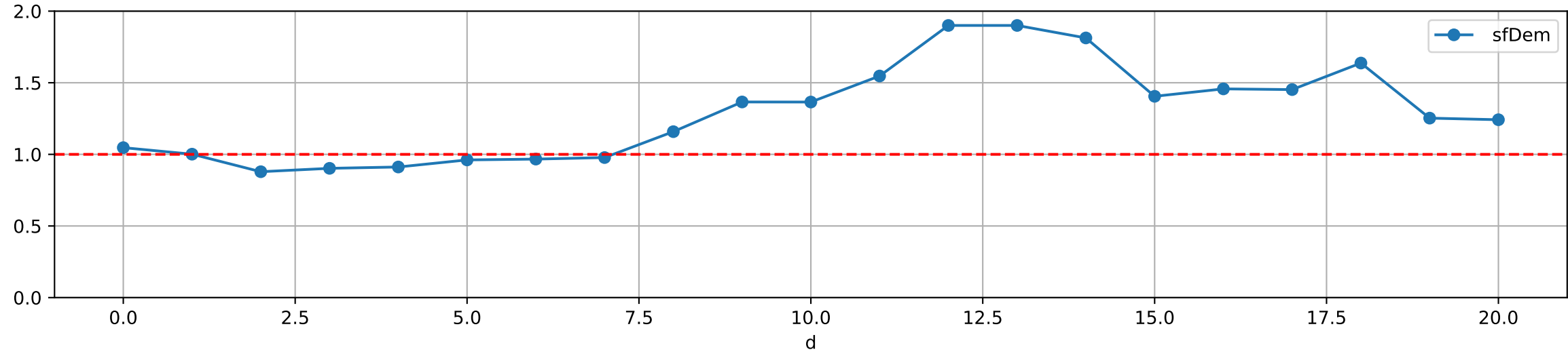
dStH: D_Q50_StH



dStH: D_Est_StH

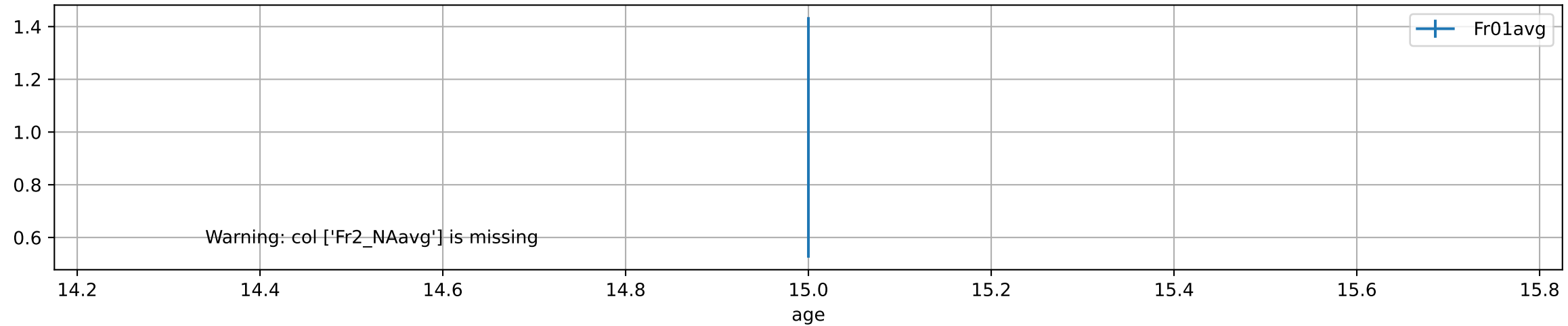


dStH: sfDem



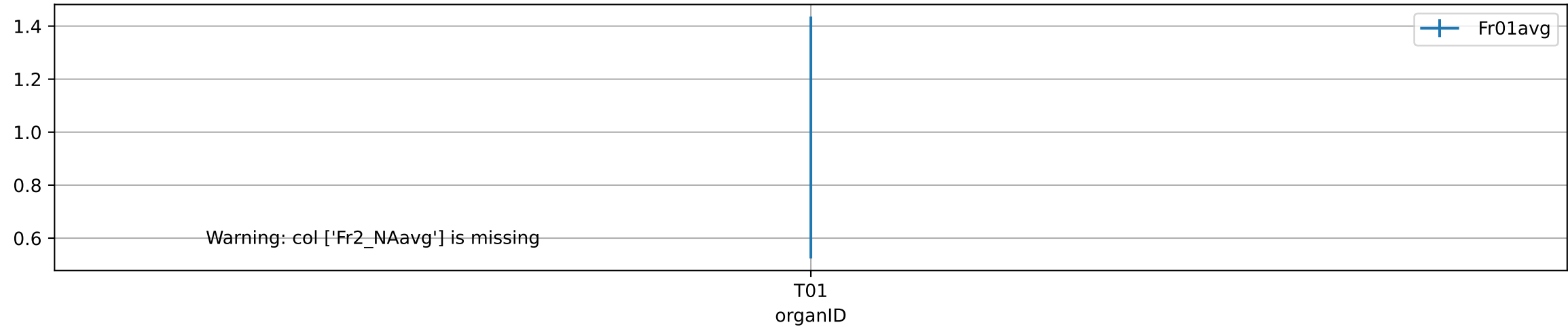


FrV: Fr01 vs Fr2_NA at each truss
organID=T01

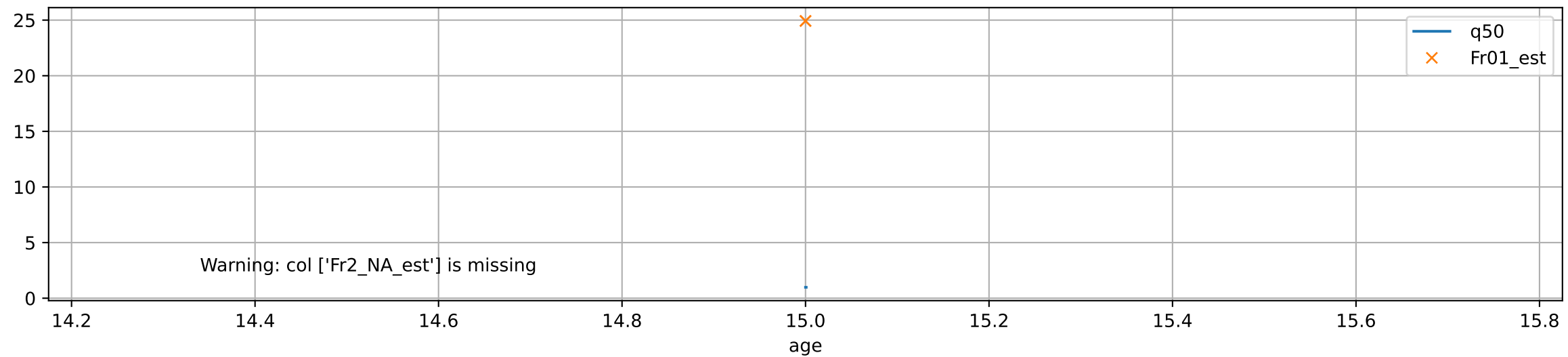


FrV trend at each age

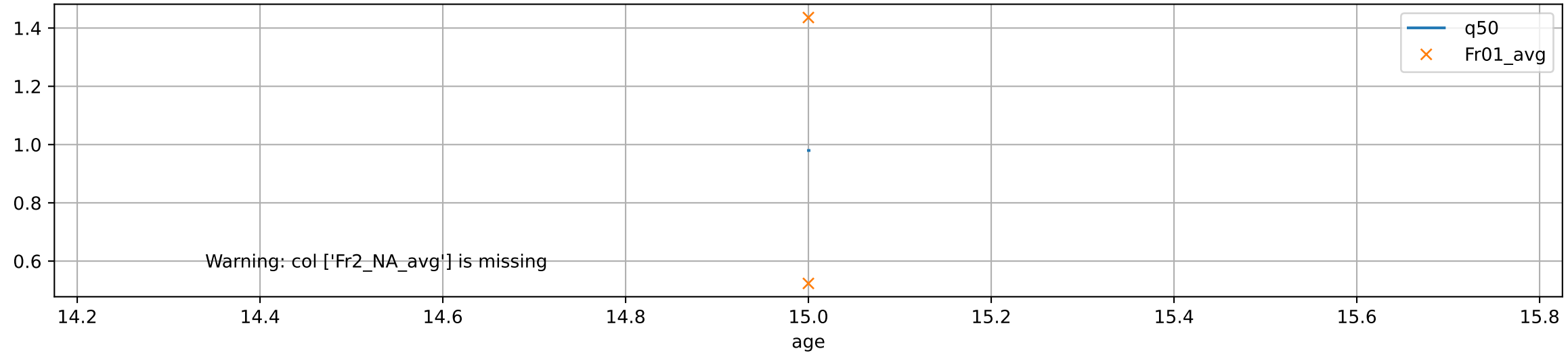
age=15



FrV: model Est vs obsFrV at Q90



FrV: obsFrV vs obsFrV@Q90

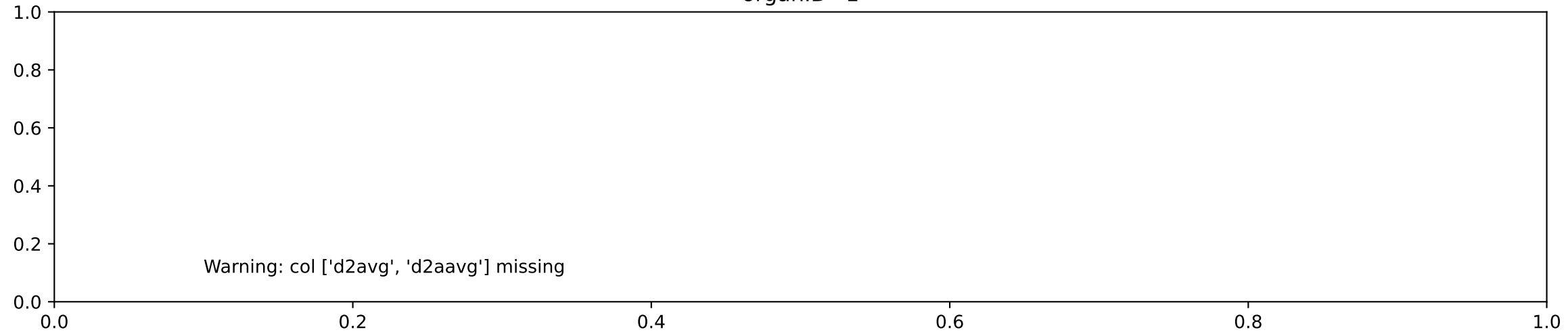


FrV: D_Fr1_FrV
organID=1

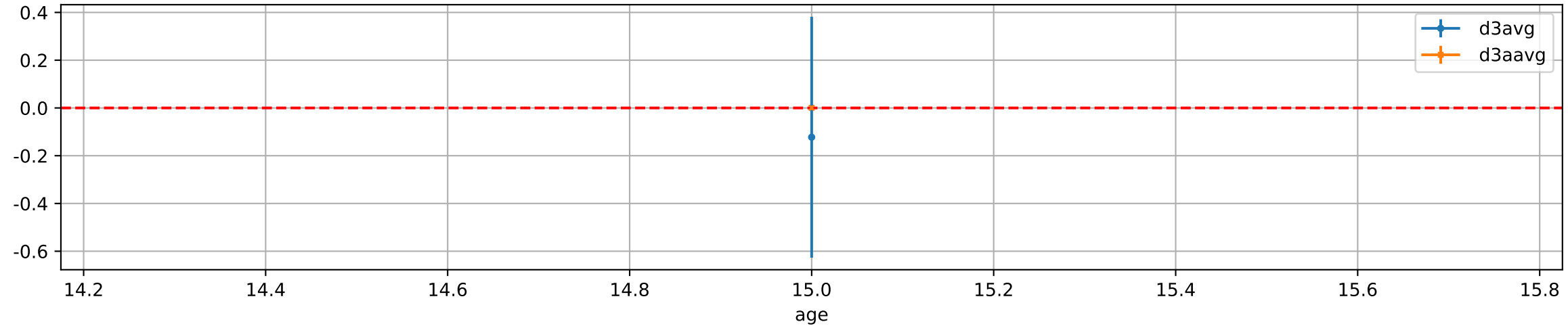
Warning: col ['d1avg', 'd1aavg'] missing

FrV: D_Ts_FrV
organID=1

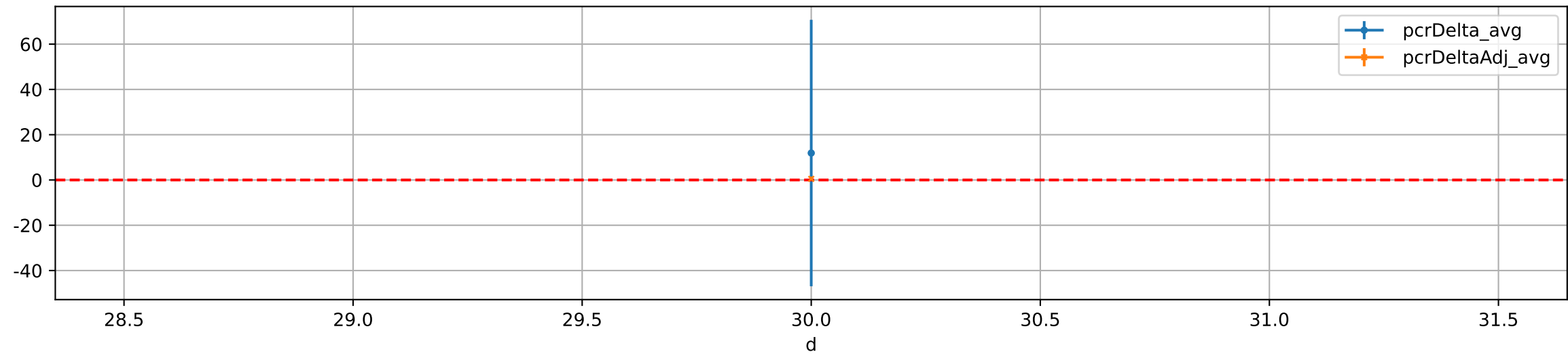
Warning: col ['d2avg', 'd2aavg'] missing



FrV: D_Q50_FrV
organID=1



P10AE FrV: D_Q50_FrV



FrV: D_Est_FrV
organID=1

