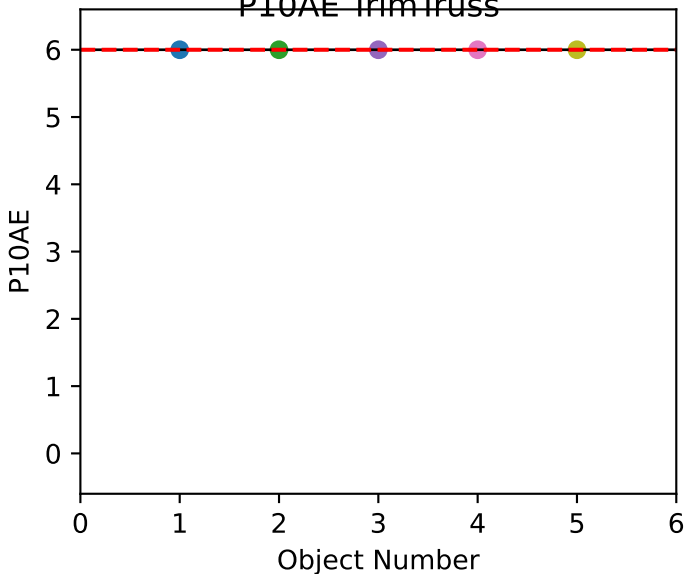


Phenotype Data Analysis Plots
PhenoData day range = 10 - 33
Analysis cutoff day = 33
NC11 P10
2025-05-05 (Day 35)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0 ~0% avg2=na

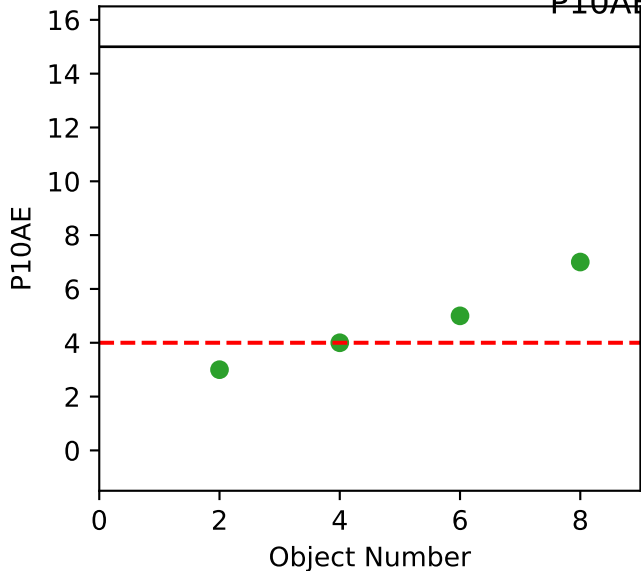
P10AE Trim Truss



FruitNumAvgPerTruss (Def=15 Set=4)

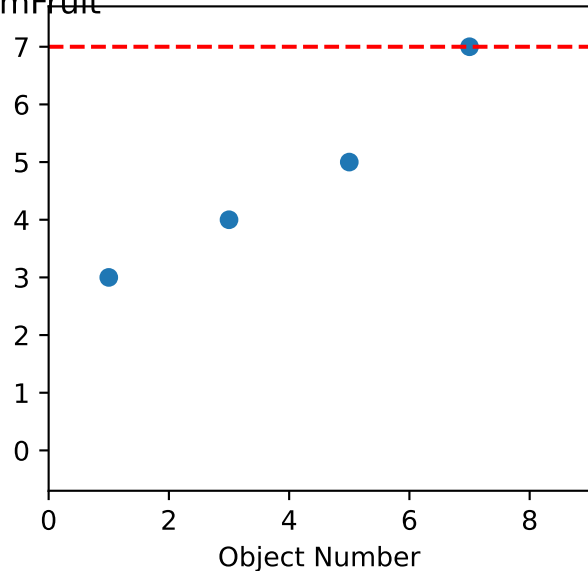
avg1=4.0~38% avg2=na

P10AE TrimFruit

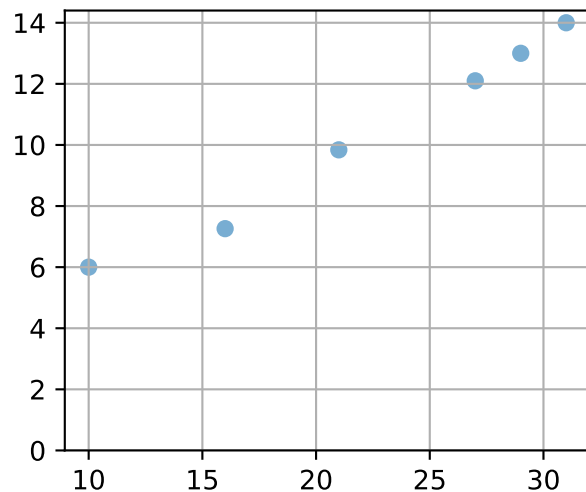


FruitNumMaxPerTruss (Def=na Set=7)

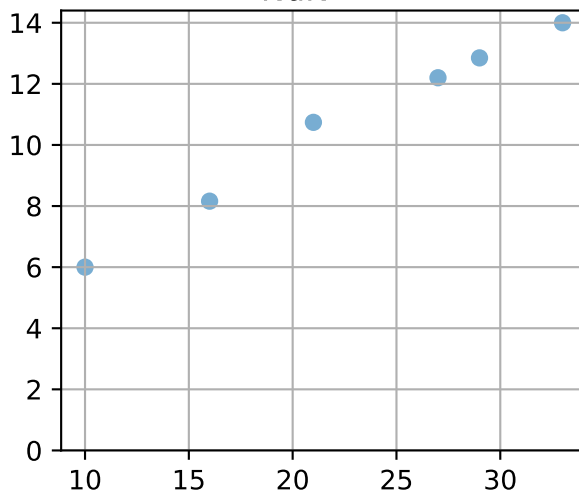
avg1=7.0~27% avg2=na



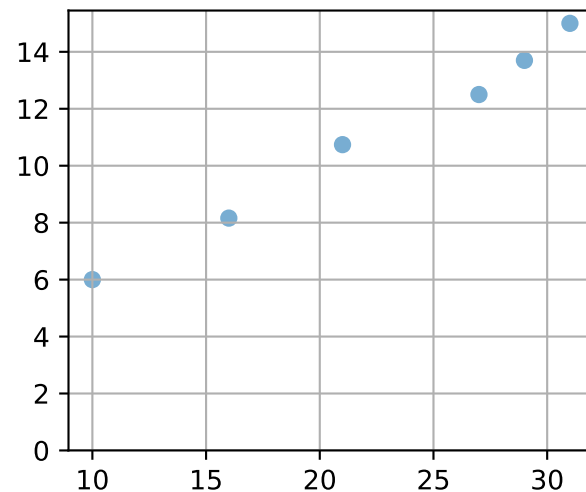
P10AE-063-19 (fit failed)



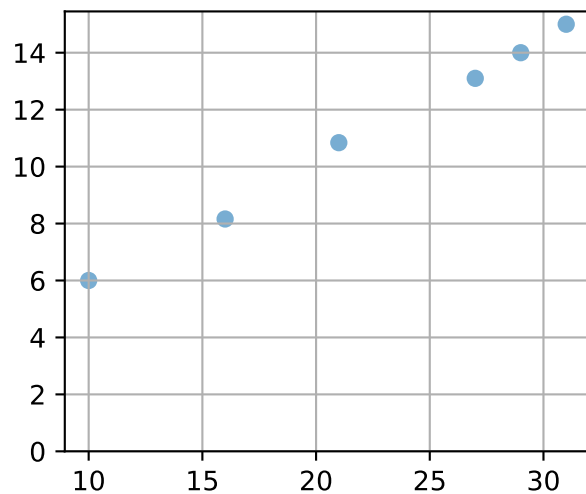
P10AE-076-15 (fit failed)



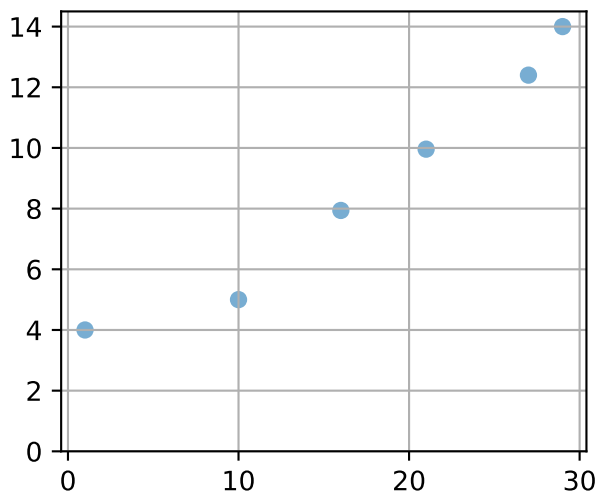
P10AE-089-22 (fit failed)



P10AE-103-17 (fit failed)

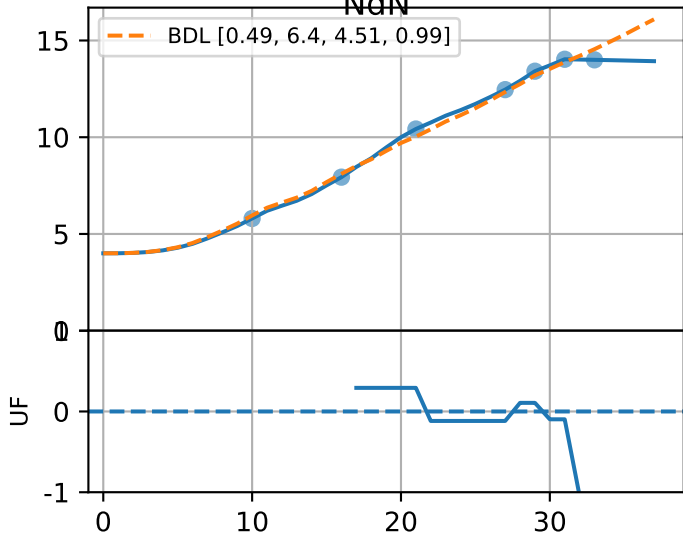


P10AE-116-21 (fit failed)

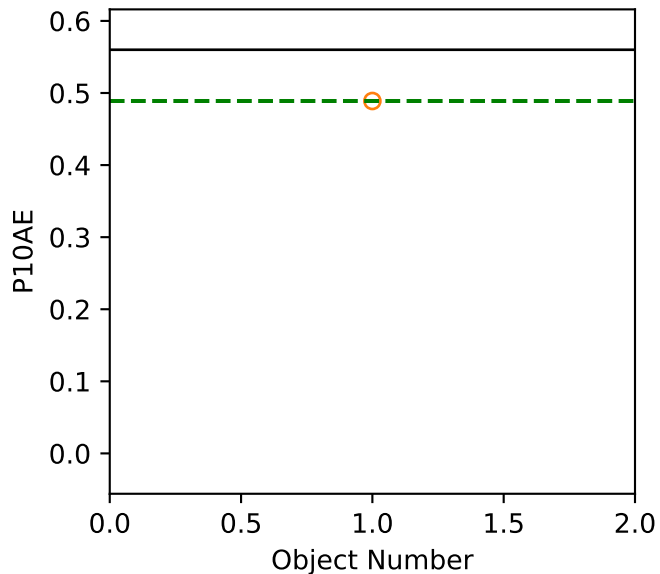


P10AEavg (fit failed)

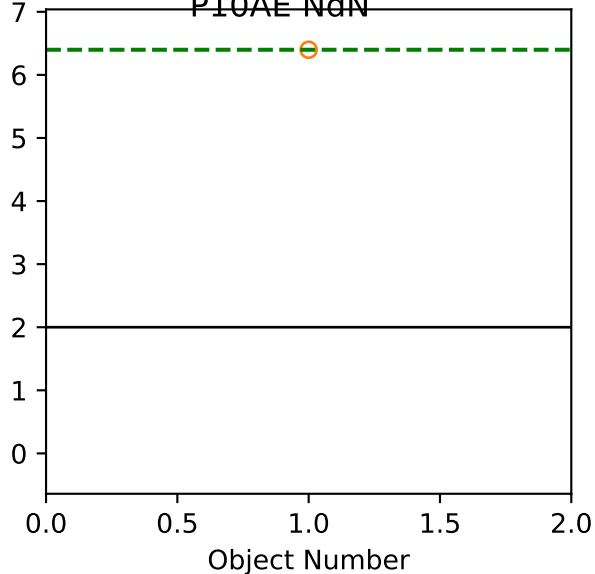
NaN



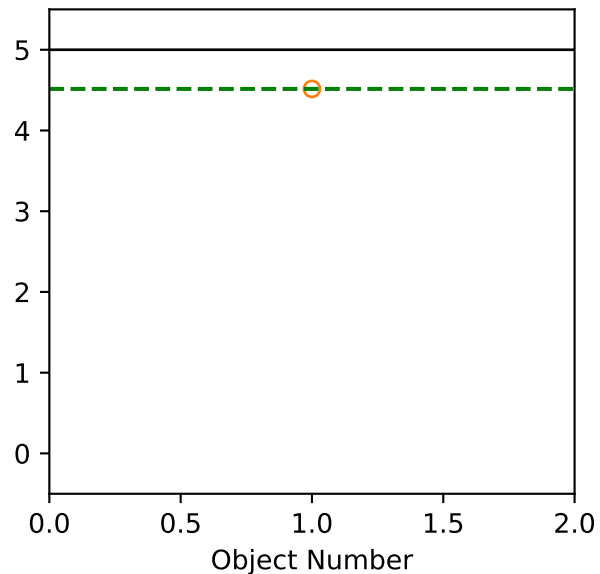
a (Def=0.56 Set=0.49)
avg1=na avg2=0.49



dm (Def=2 Set=6.4)
avg1=na avg2=6.4



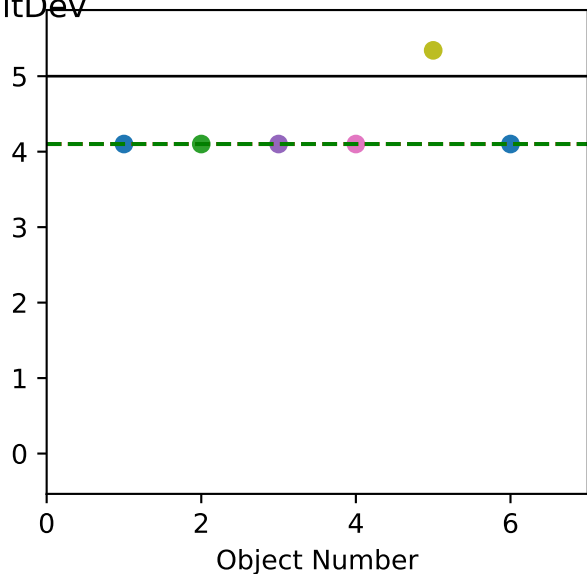
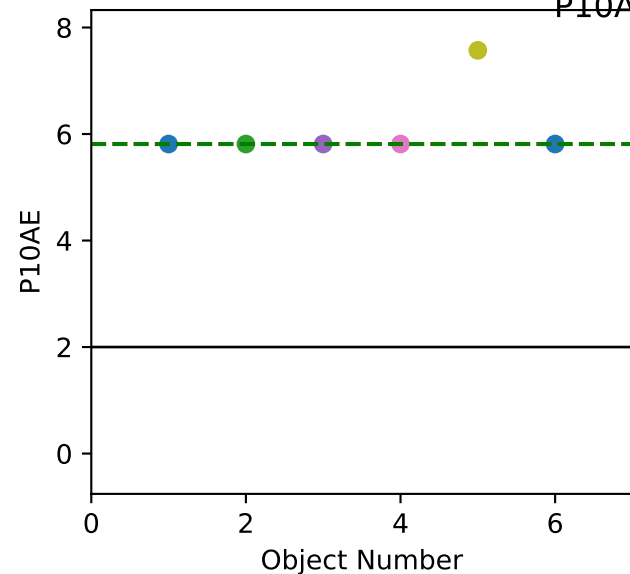
de (Def=5 Set=4.51)
avg1=na avg2=4.51



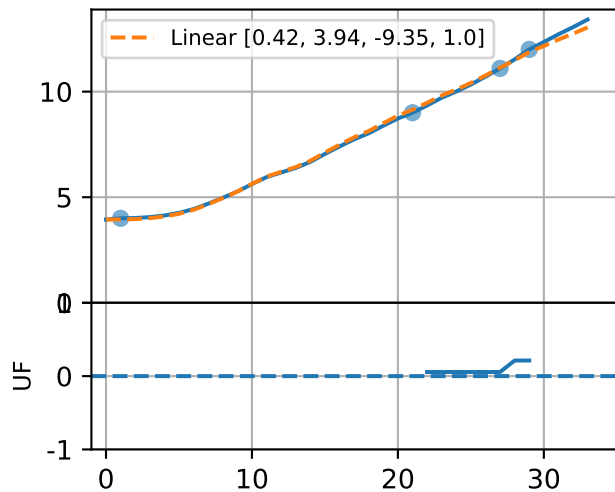
InitDev_dm (Def=2 Set=5.81)
avg1=5.81~0% avg2=5.81

P10AE InitDev

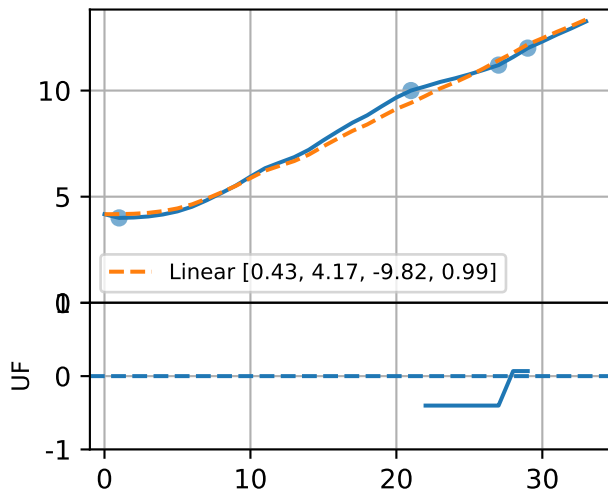
InitDev_de (Def=5 Set=4.1)
avg1=4.1~0% avg2=4.1



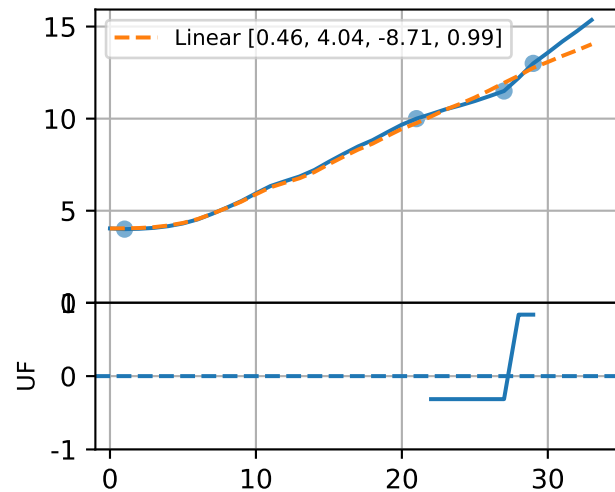
P10AE-063-19



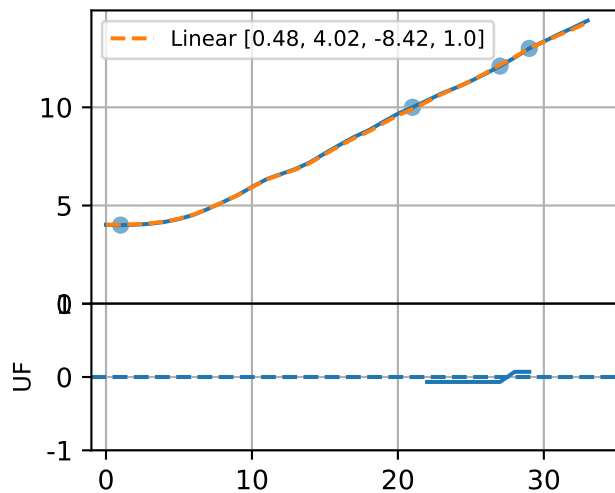
P10AE-076-5



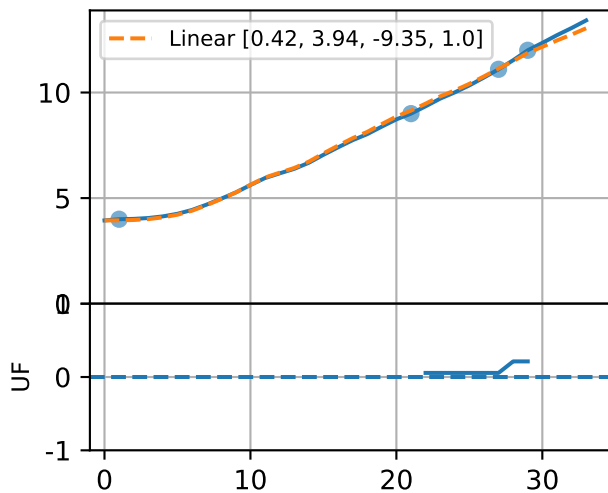
P10AE-089-22



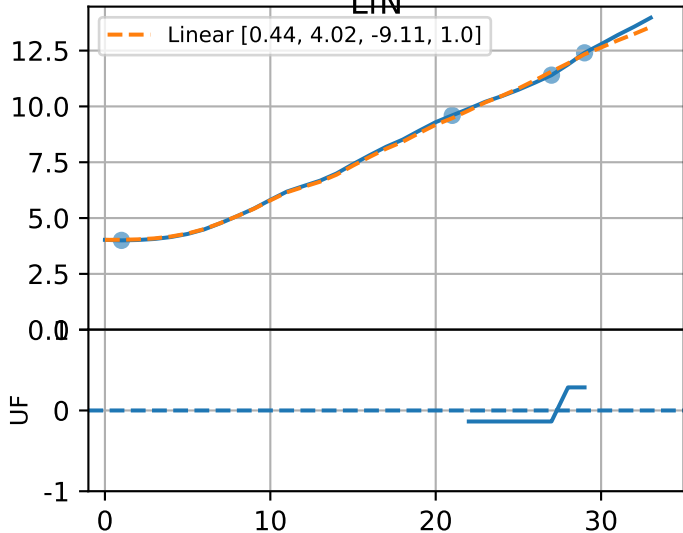
P10AE-103-17

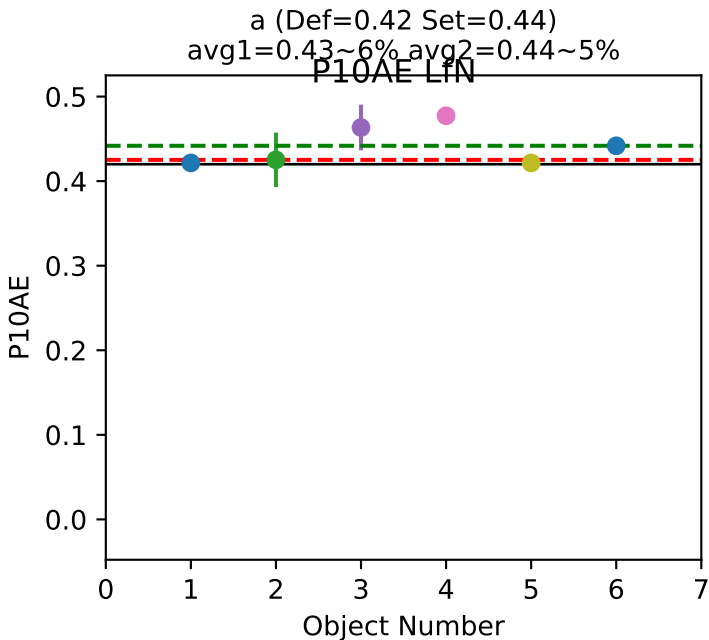


P10AE-116-21



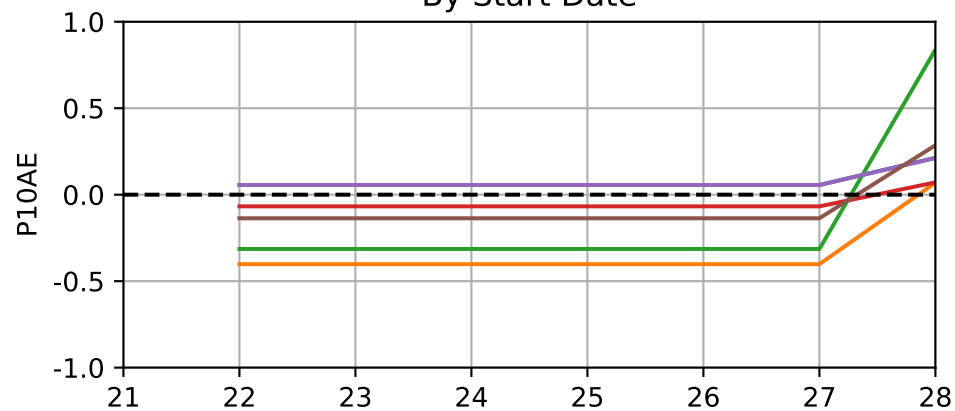
P10AEavg
Lfn



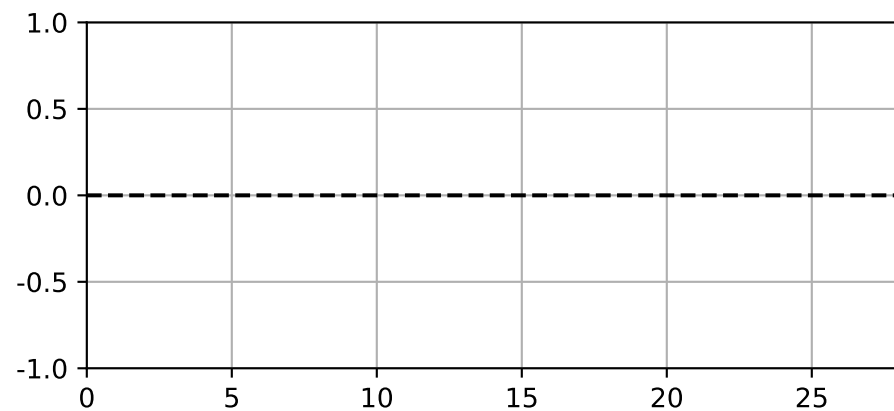
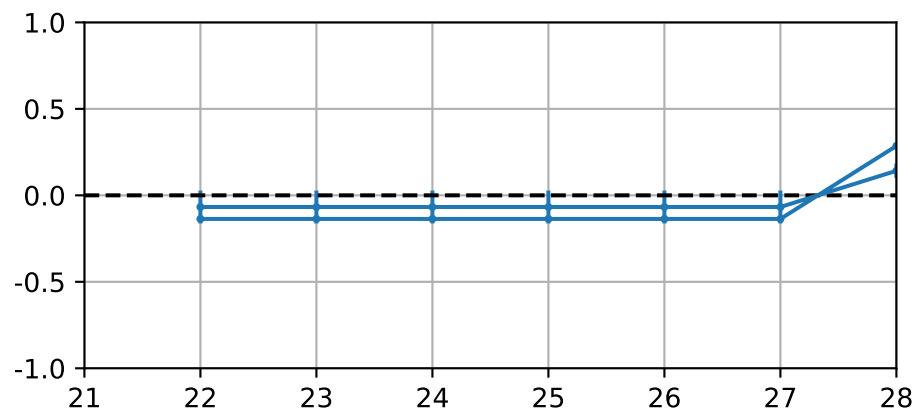
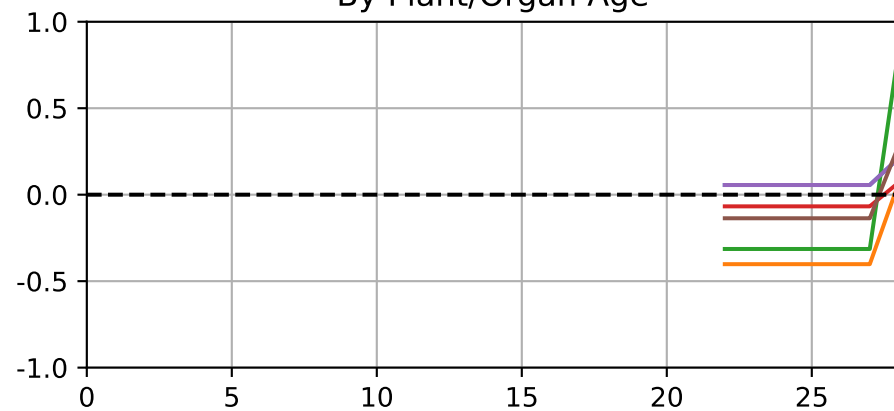


LfN

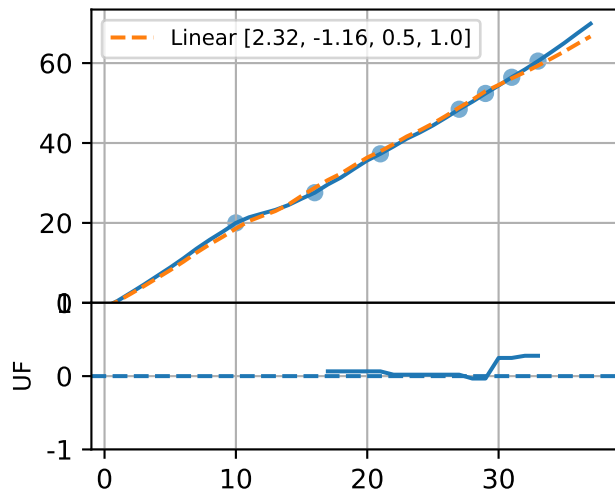
By Start Date



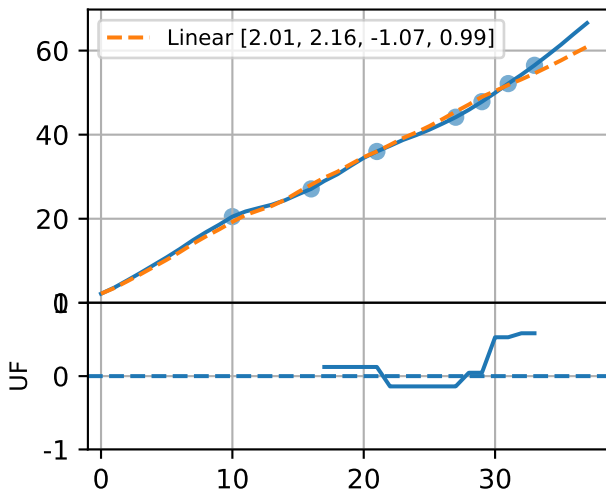
By Plant/Organ Age



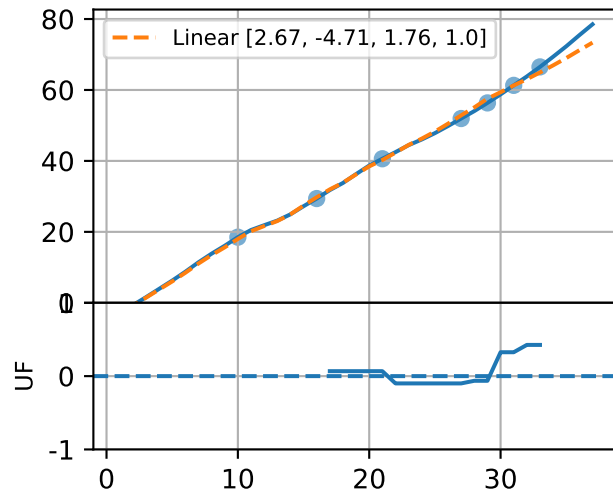
P10AE-063-19



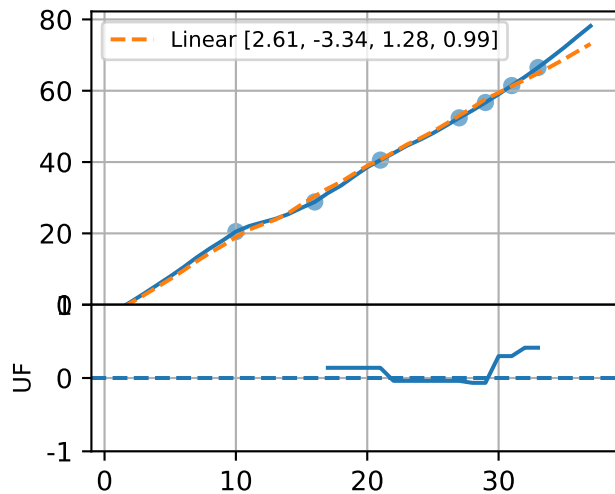
P10AE-076-5



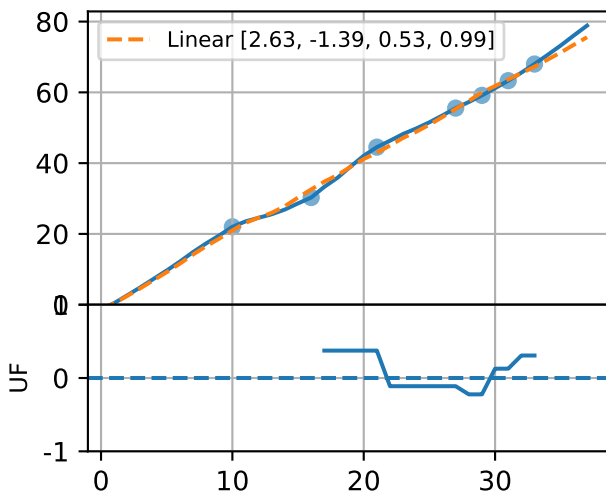
P10AE-089-22



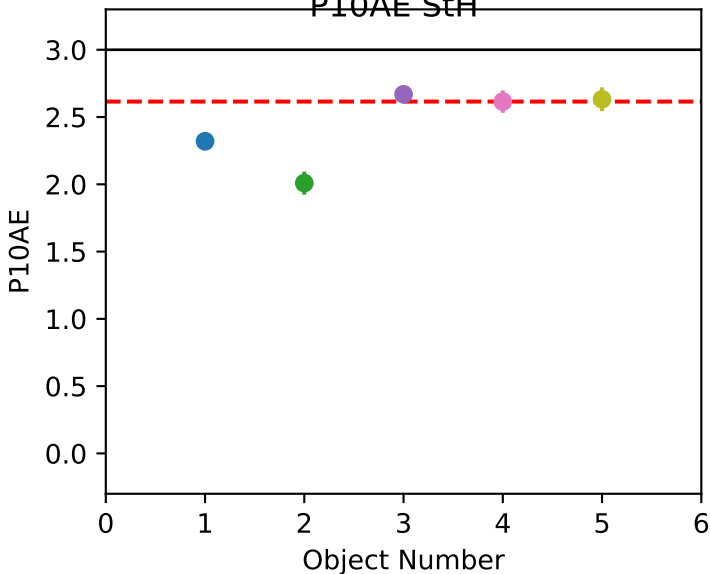
P10AE-103-17



P10AE-116-21

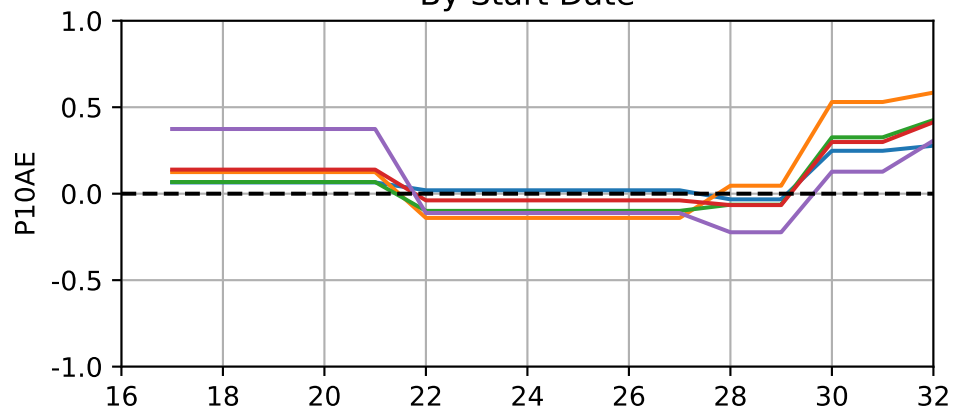


a (Def=3 Set=2.61)
avg1=2.61~11% avg2=na

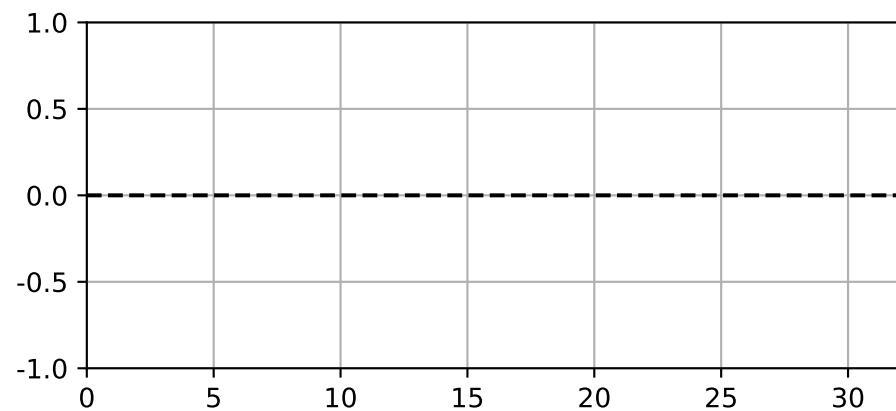
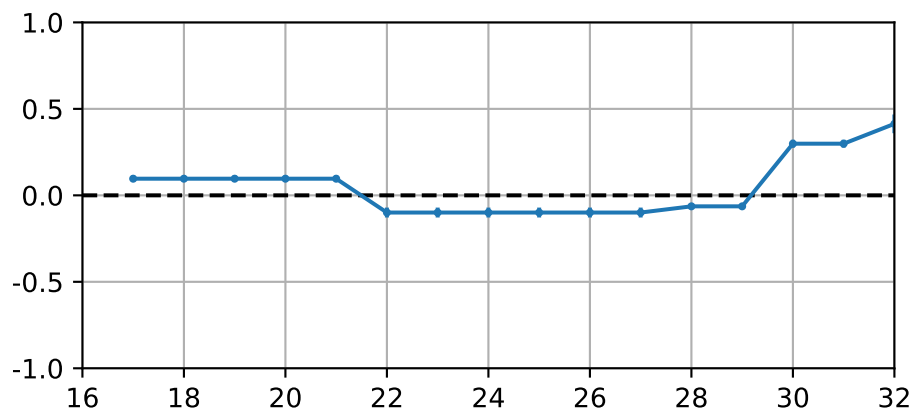
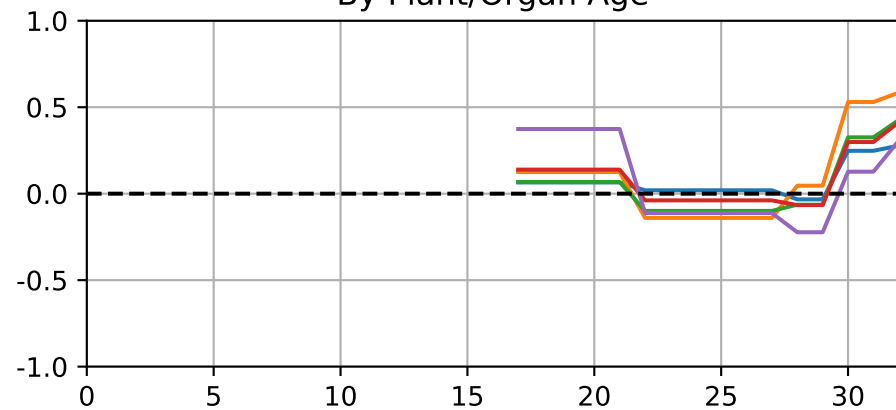


StH

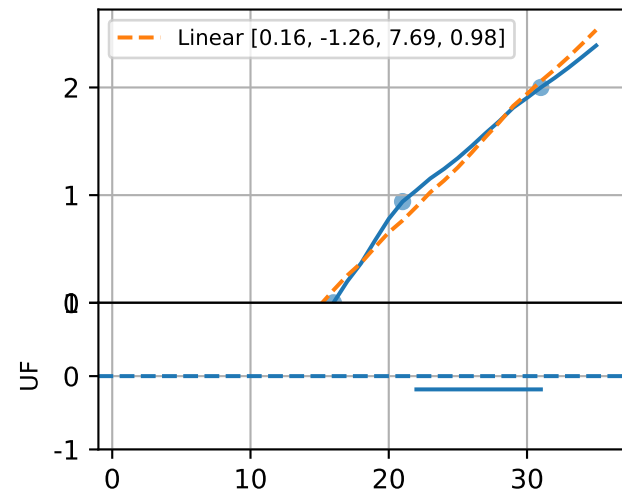
By Start Date



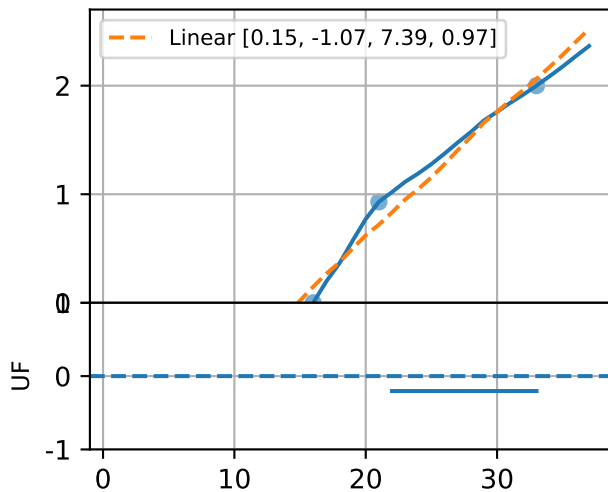
By Plant/Organ Age



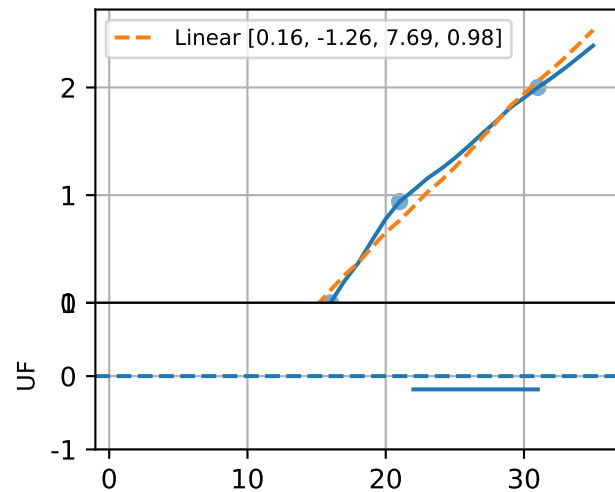
P10AE-063-19



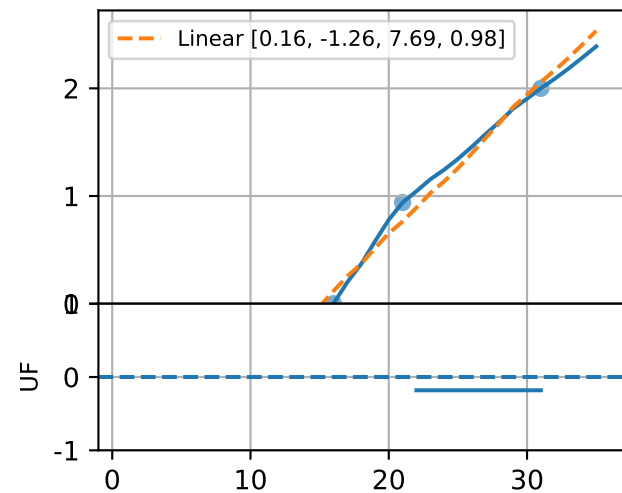
P10AE-076-5



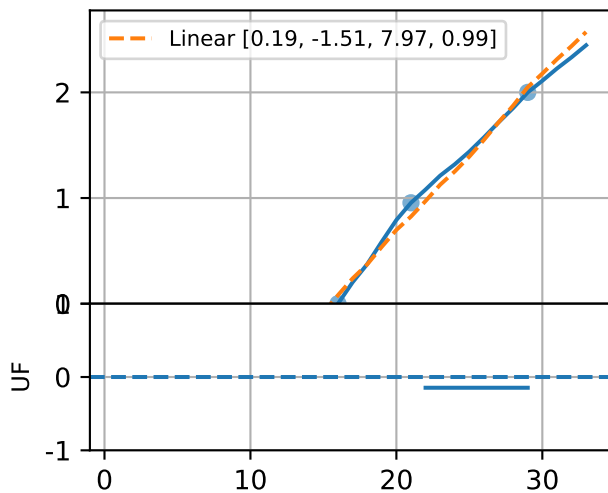
P10AE-089-22



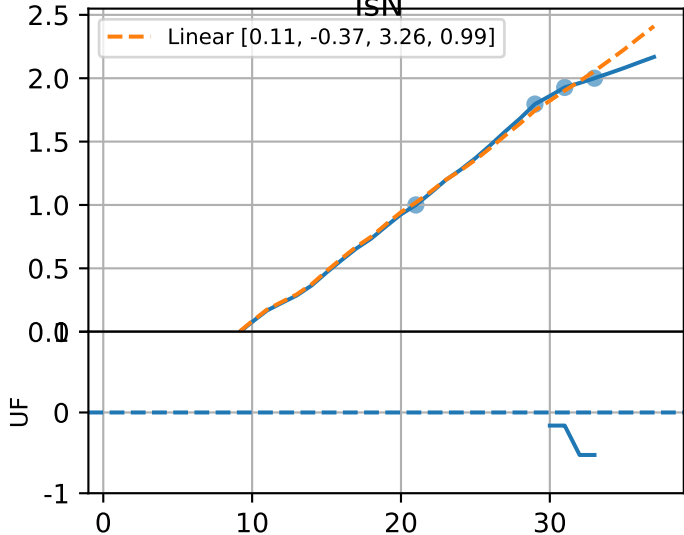
P10AE-103-17

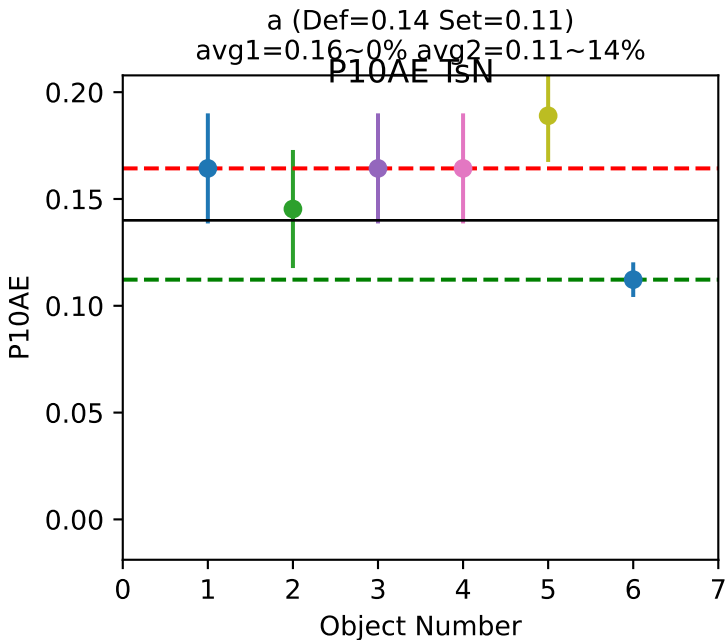


P10AE-116-21



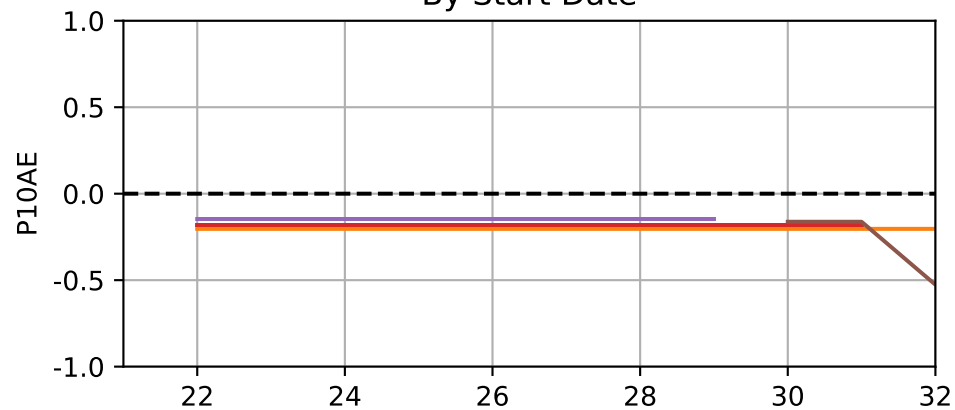
P10AEavg
TSN



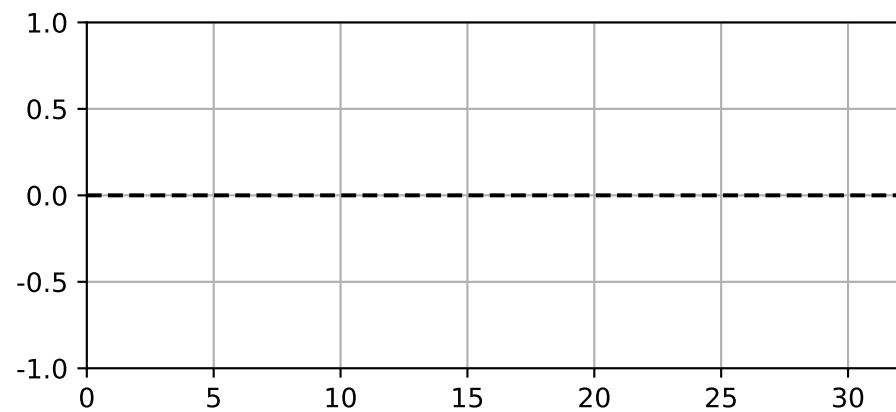
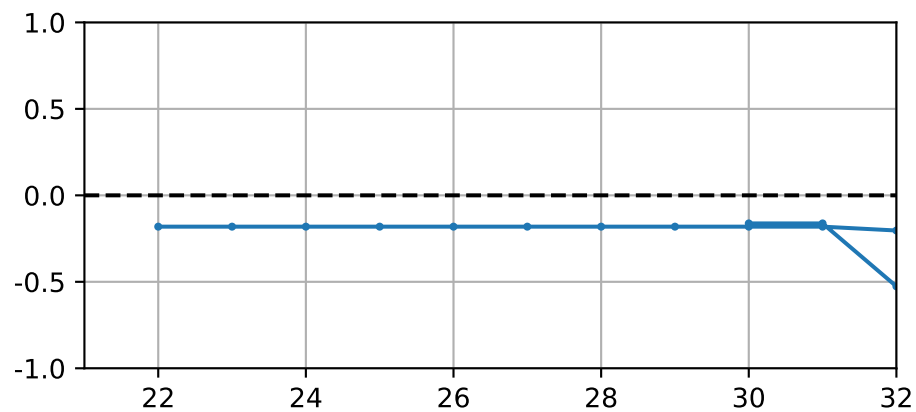
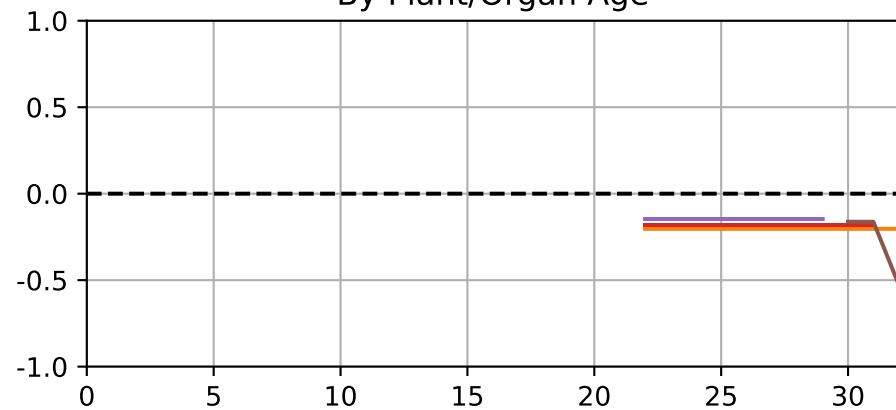


TsN

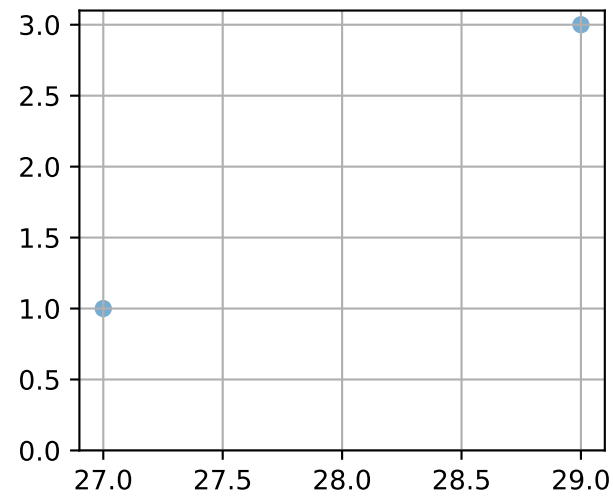
By Start Date



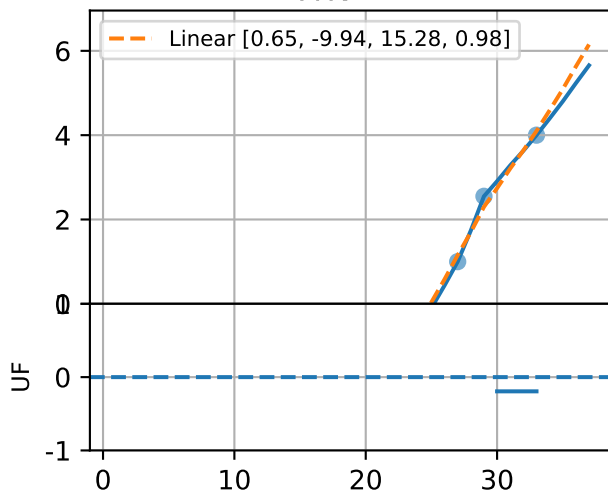
By Plant/Organ Age



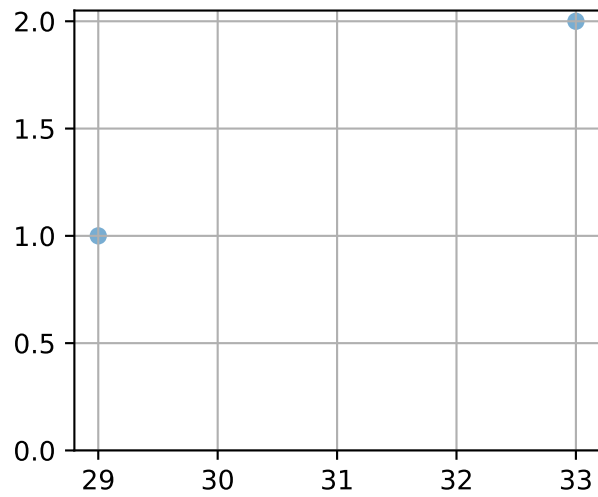
P10AE-063-19T1 (fit failed)



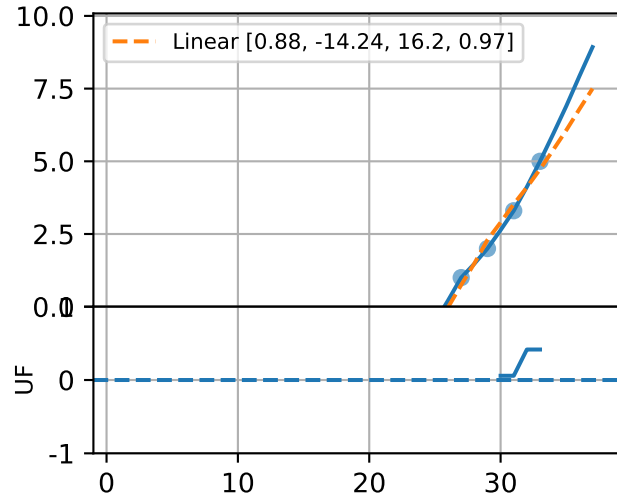
P10AE-076-5T1



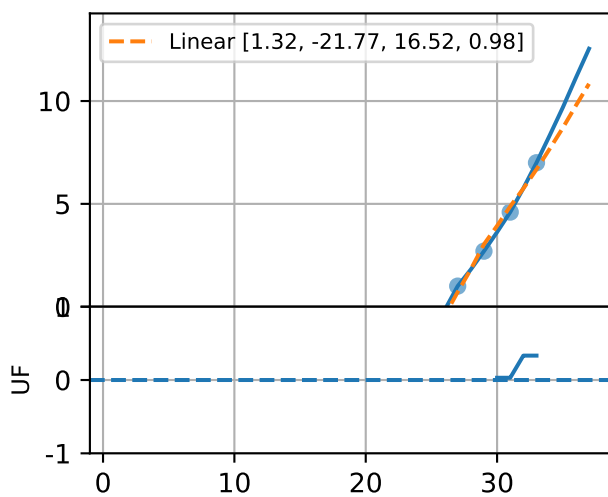
P10AE-089-22T1 (fit failed)



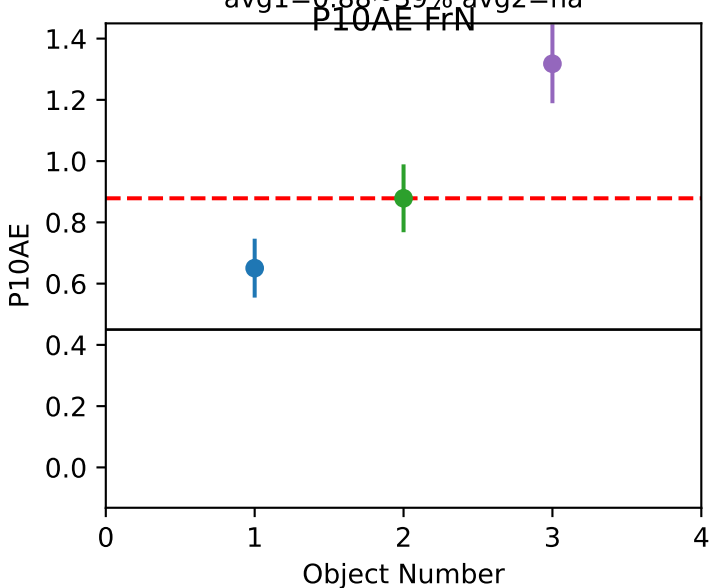
P10AE-103-17T1



P10AE-116-21T1

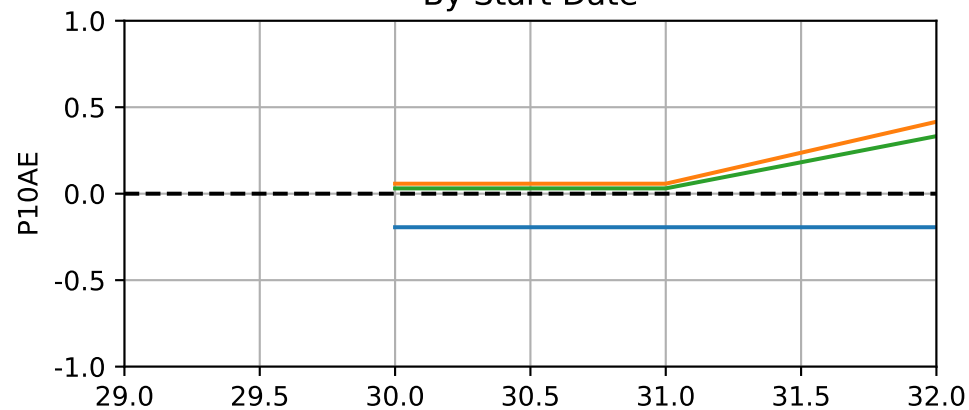


a (Def=0.45 Set=0.88)
avg1=0.88~39% avg2=na

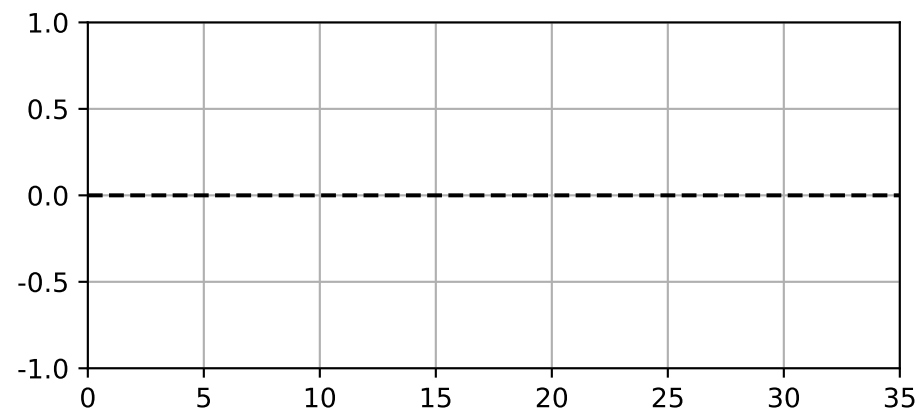
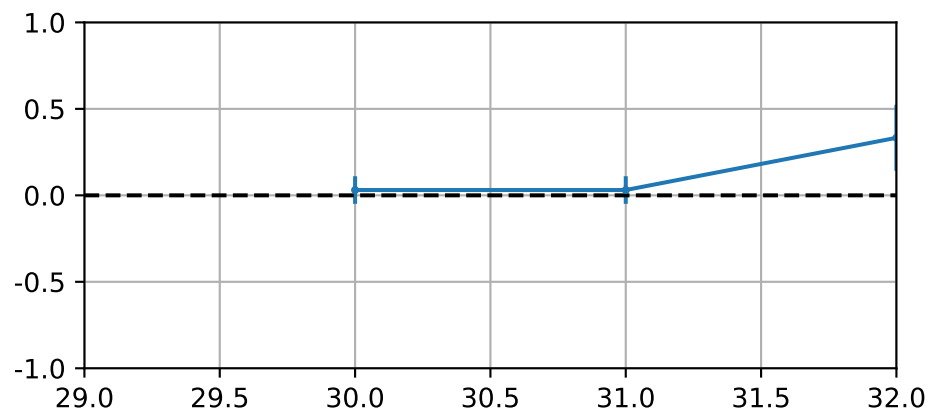
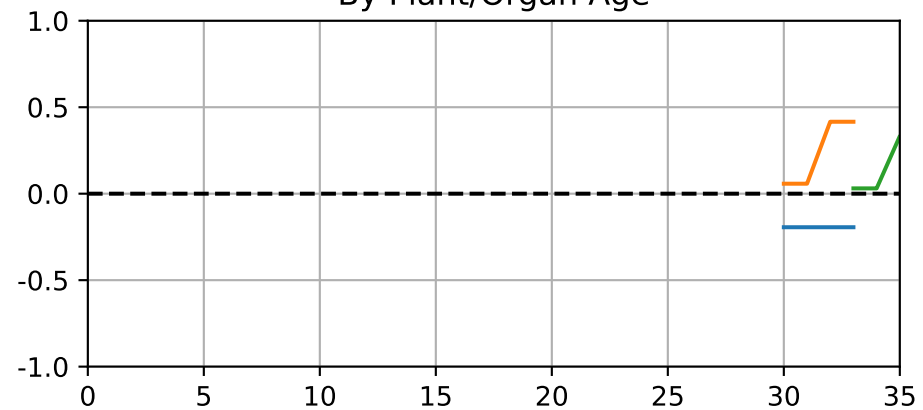


FrN

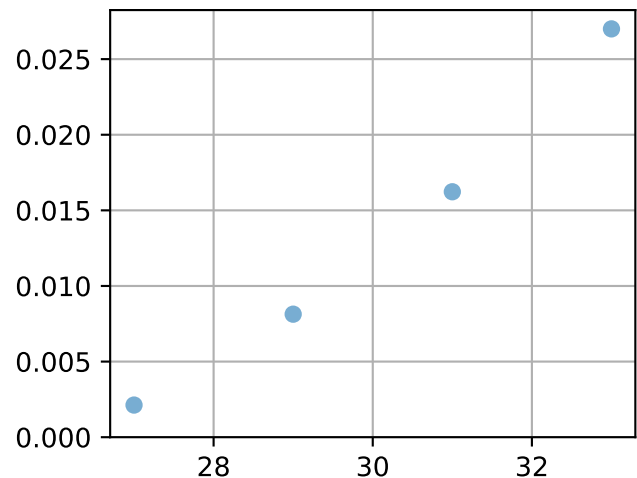
By Start Date



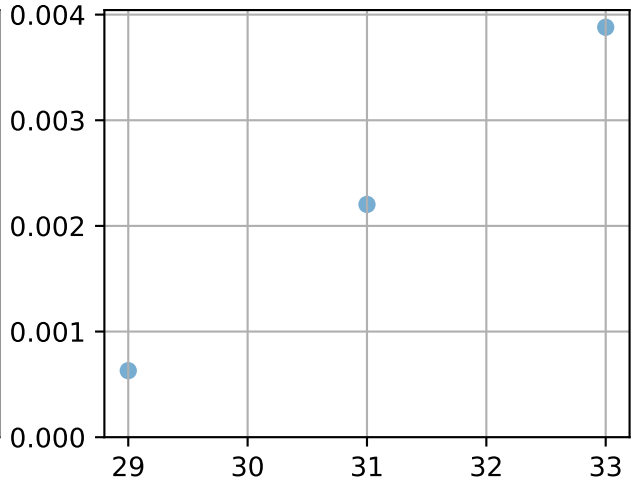
By Plant/Organ Age



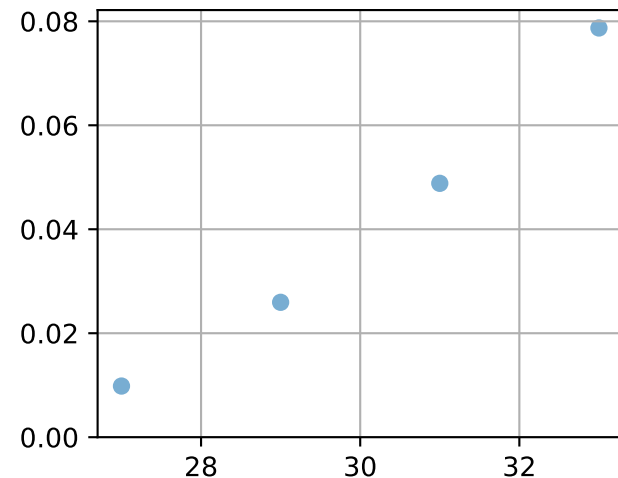
P10AE-063-19T1Fr1 (fit failed)



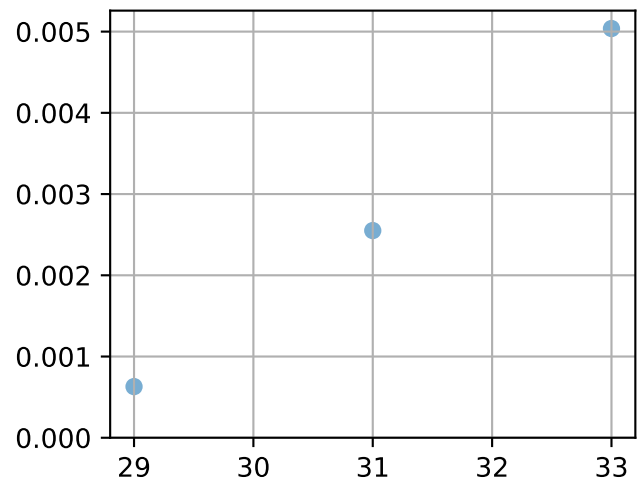
P10AE-063-19T1Fr5 (fit failed)



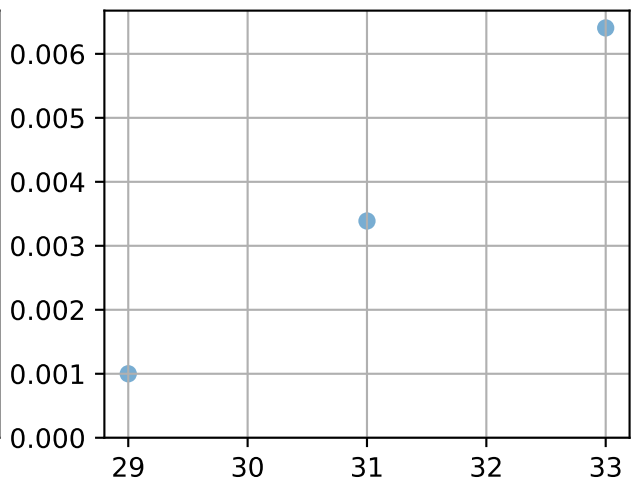
P10AE-076-5T1Fr1 (fit failed)



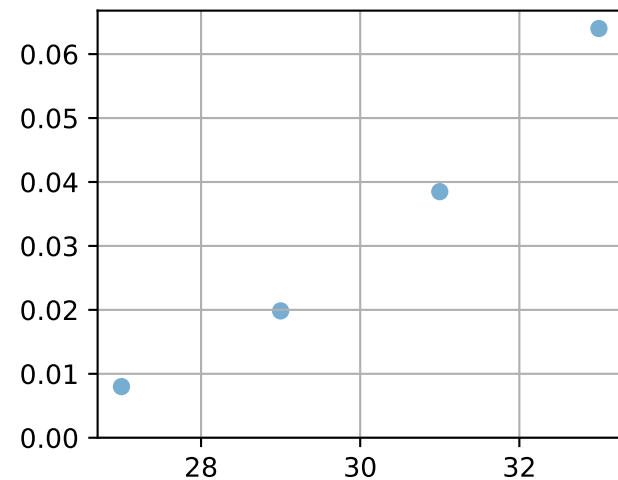
P10AE-076-5T1Fr5 (fit failed)



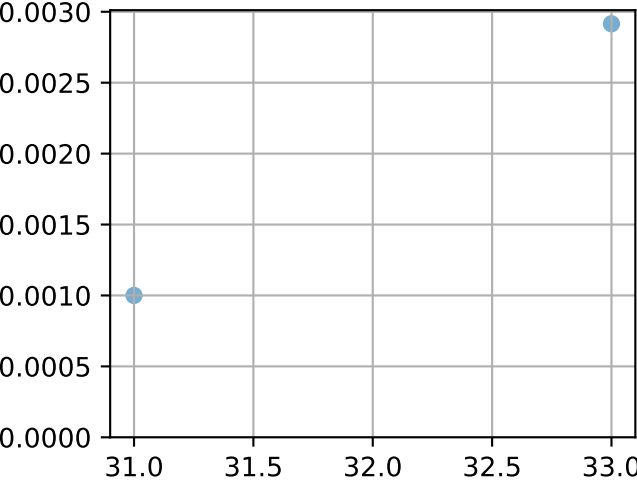
P10AE-089-22T1Fr1 (fit failed)



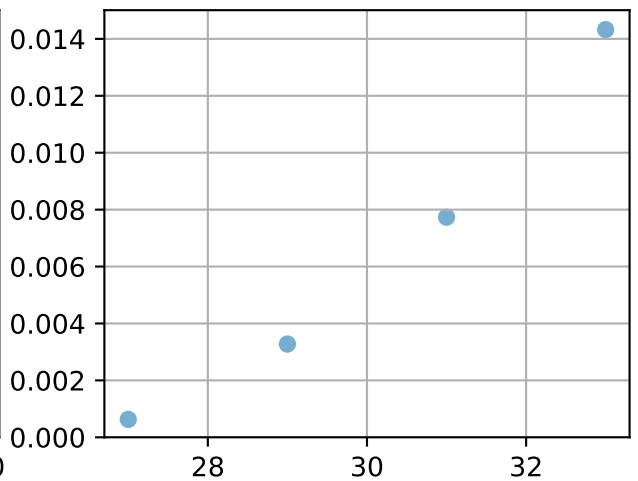
P10AE-103-17T1Fr1 (fit failed)



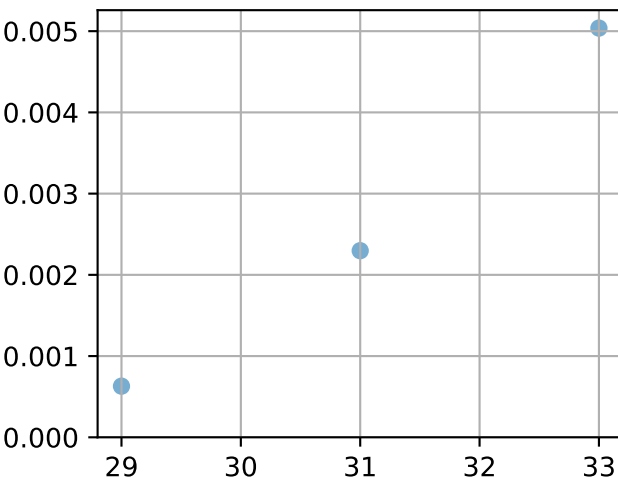
P10AE-103-17T1Fr5 (fit failed)



P10AE-116-21T1Fr1 (fit failed)



P10AE-116-21T1Fr5 (fit failed)

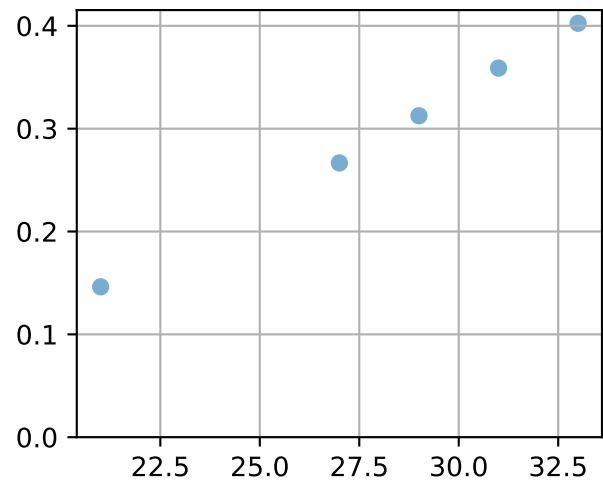
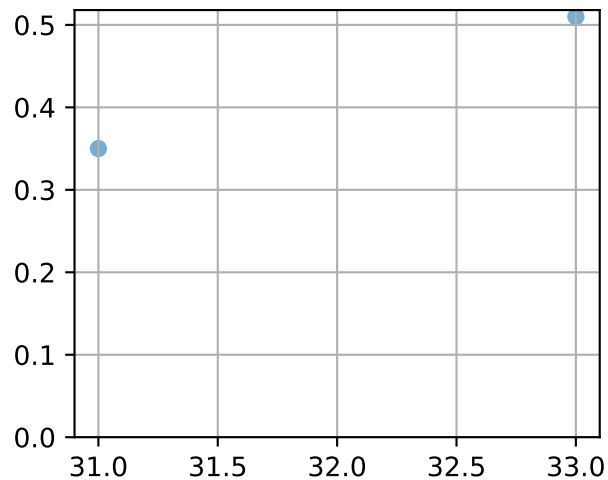
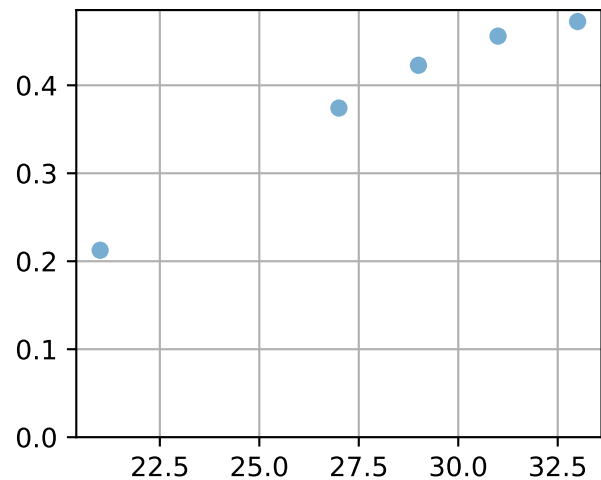


1fA

P10AE-063-19L6 (fit failed)

P10AE-063-19L9 (fit failed)

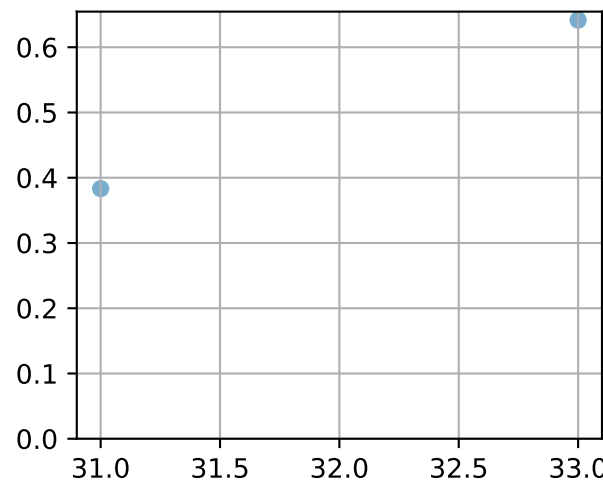
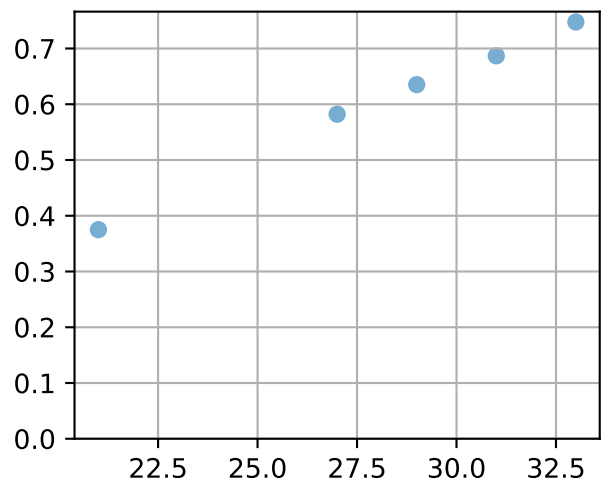
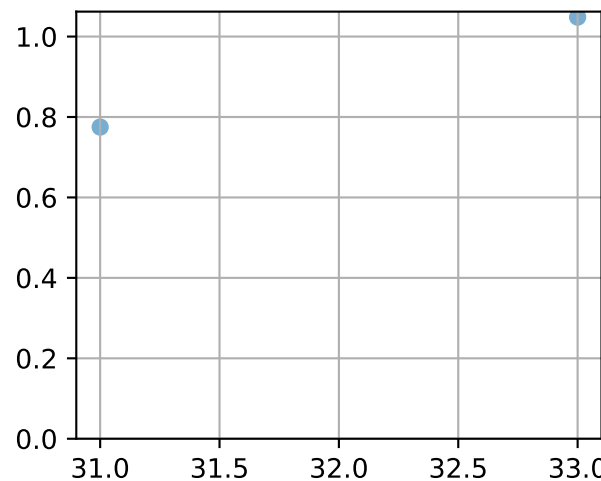
P10AE-076-5L7 (fit failed)



P10AE-089-22L10 (fit failed)

P10AE-089-22L7 (fit failed)

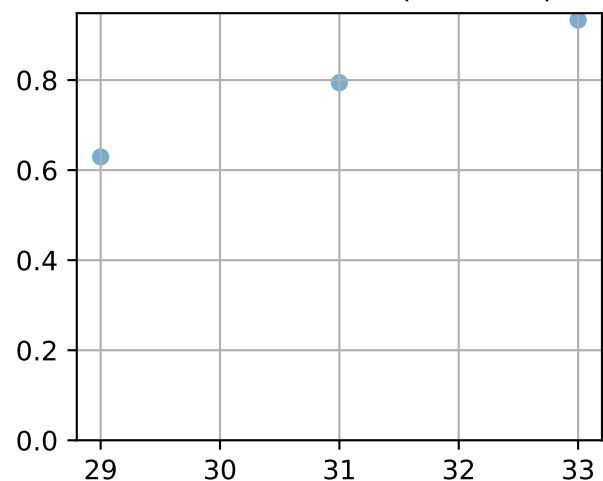
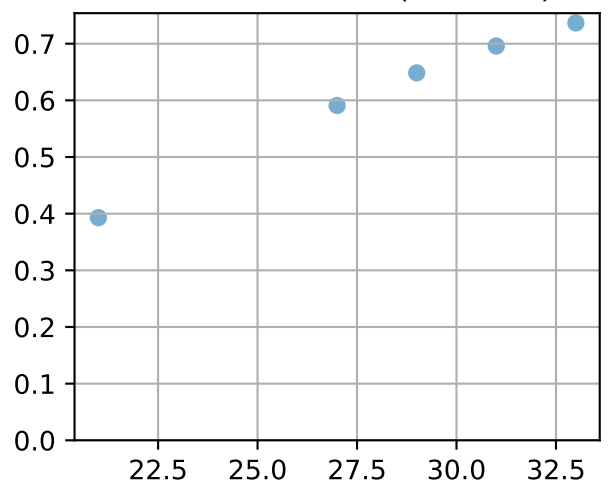
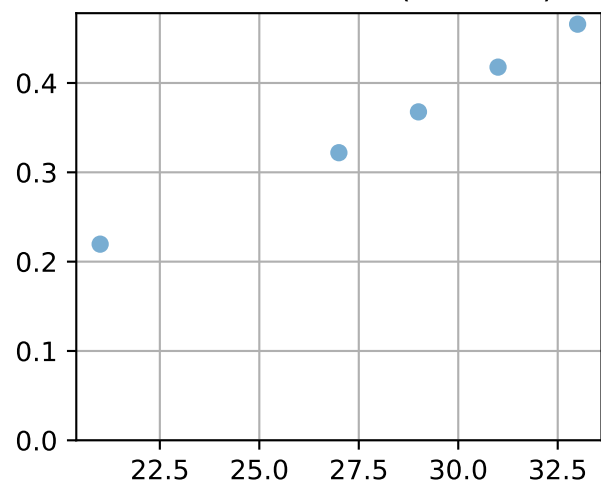
P10AE-103-17L10 (fit failed)

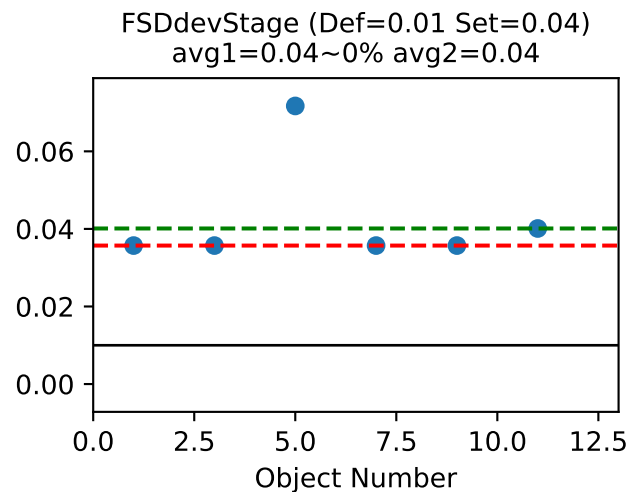
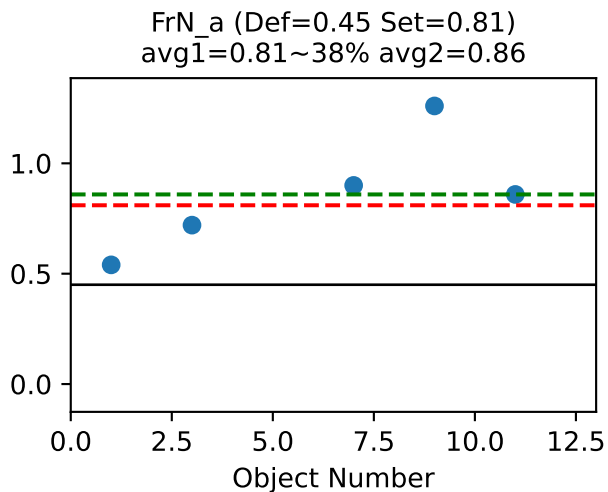
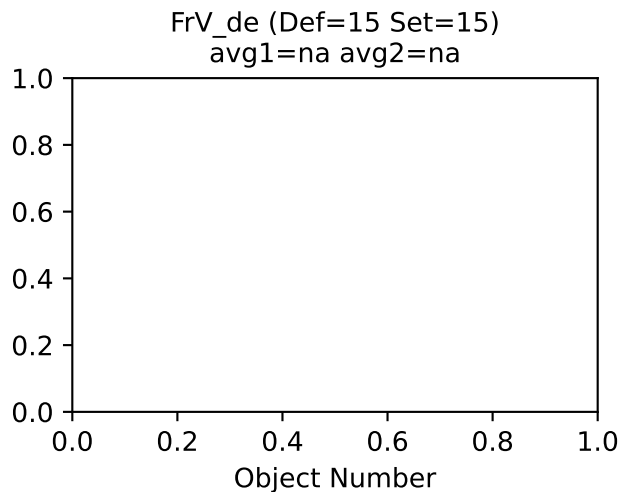
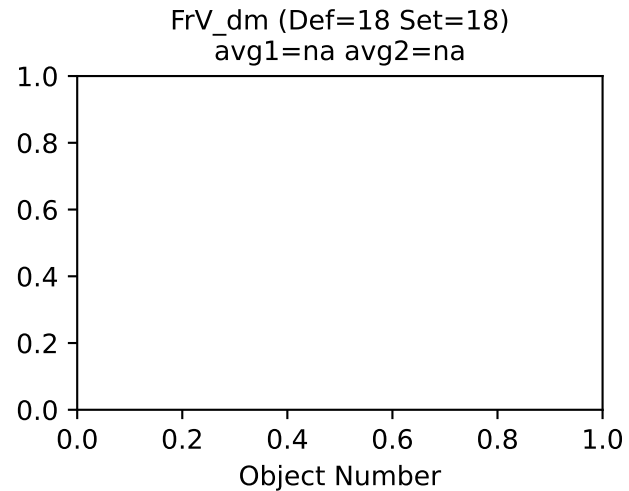
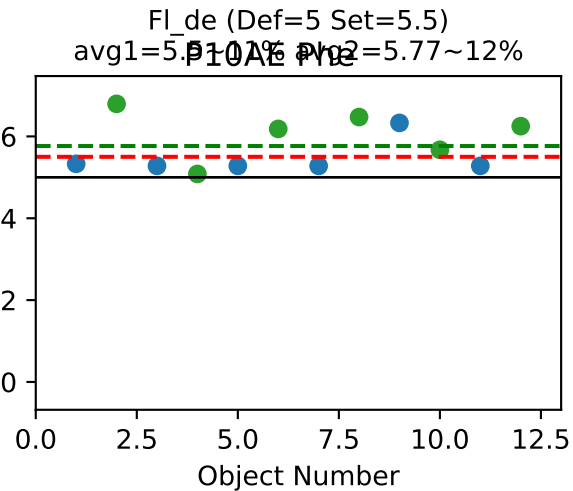
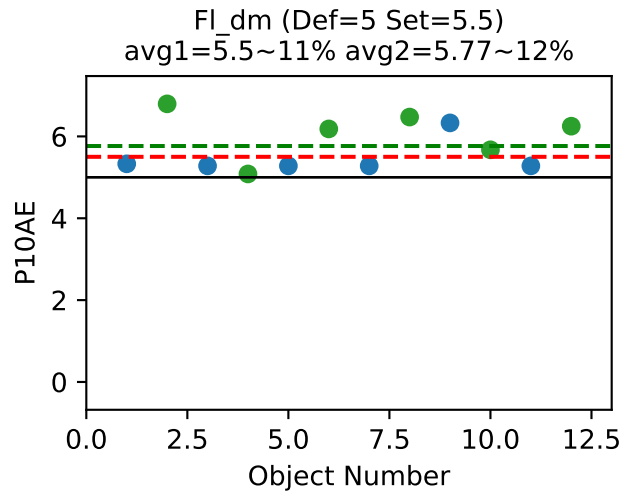


P10AE-103-17L7 (fit failed)

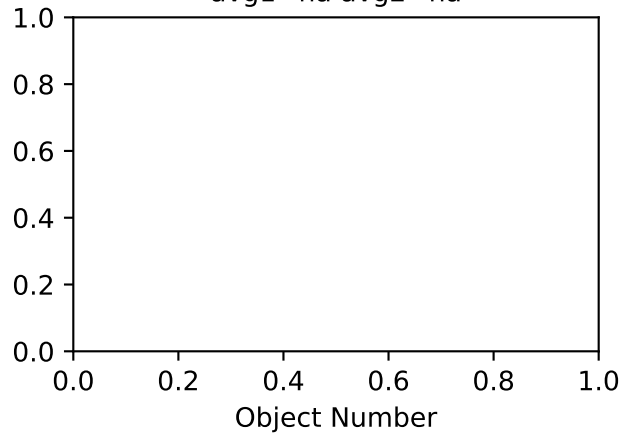
P10AE-116-21L6 (fit failed)

P10AE-116-21L9 (fit failed)

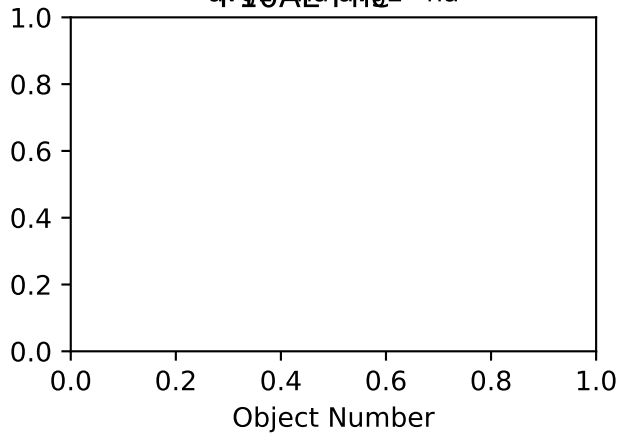




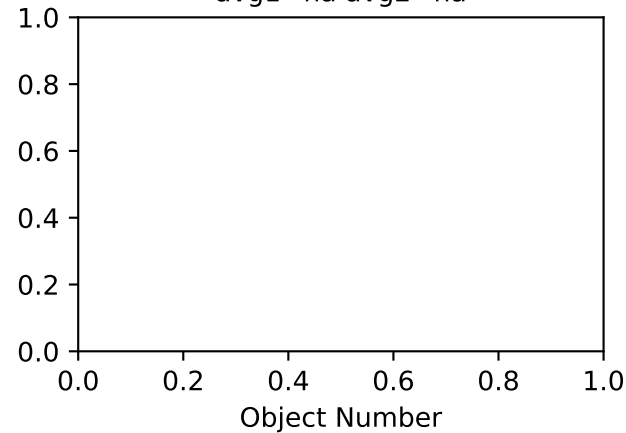
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



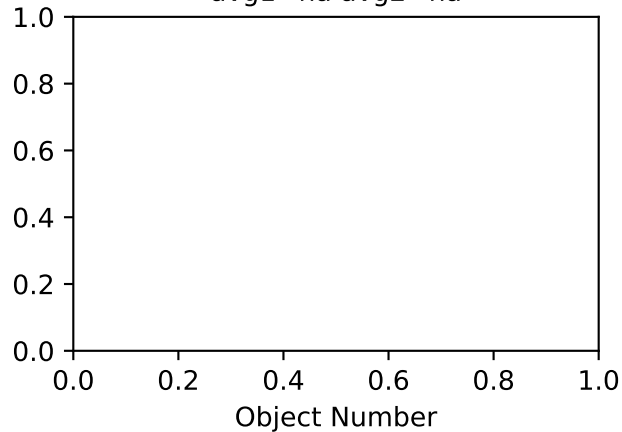
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



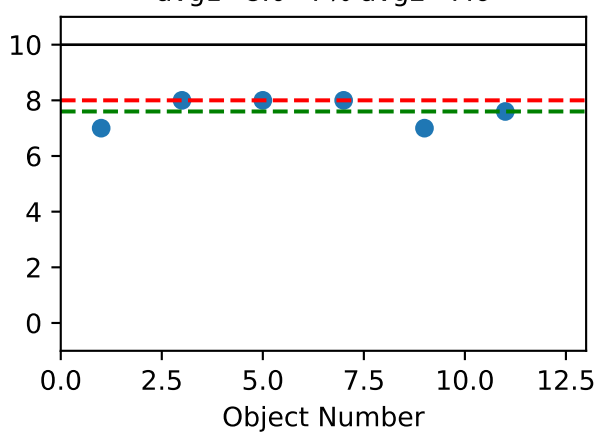
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

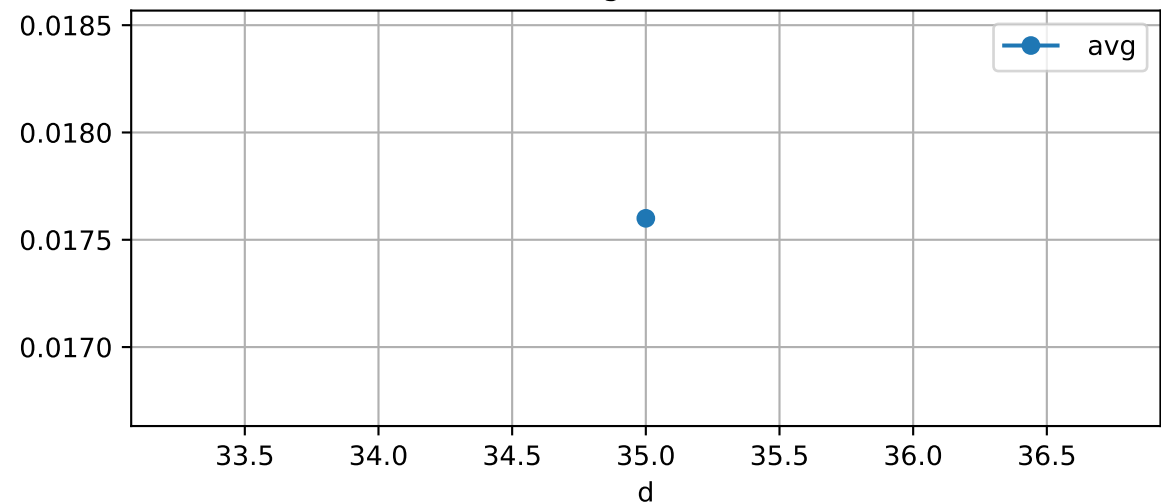


NNgen (Def=10 Set=8)
avg1=8.0~7% avg2=7.6

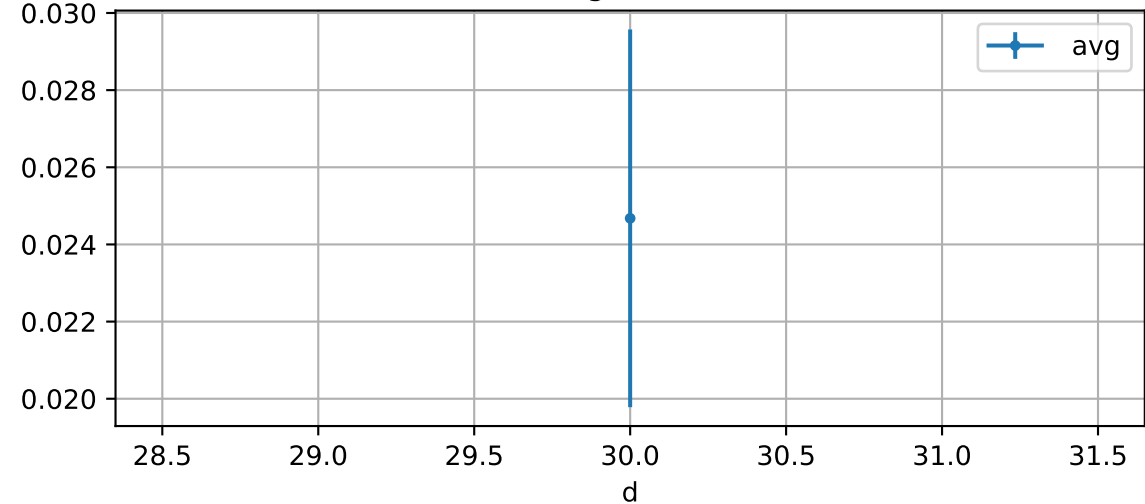


LfA: avg vs. d at each age group

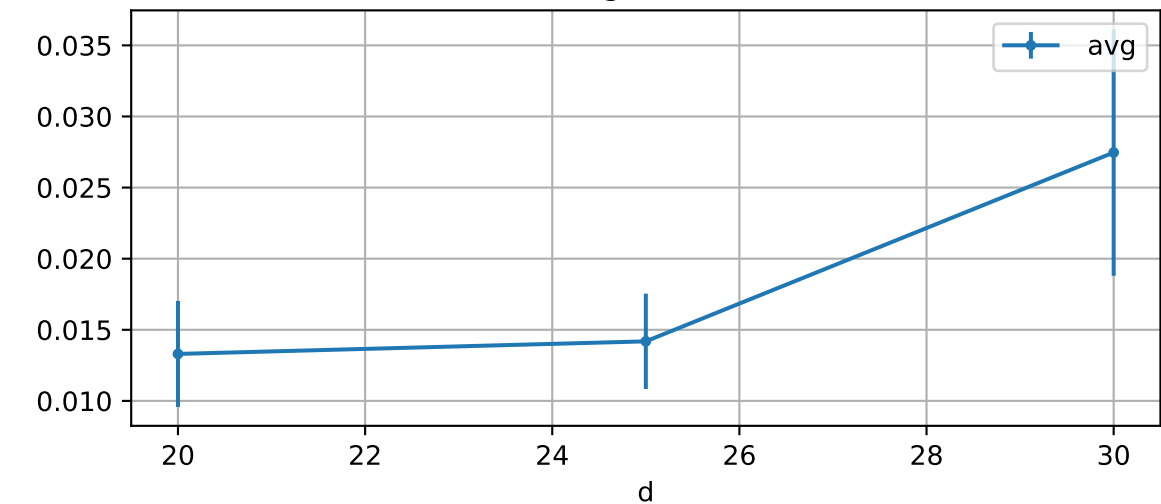
age=15



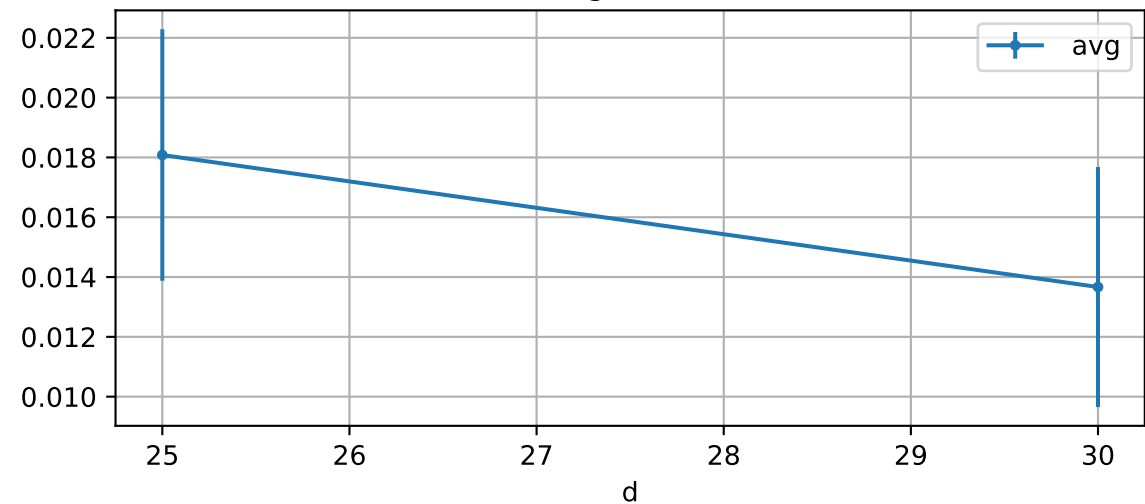
age=20



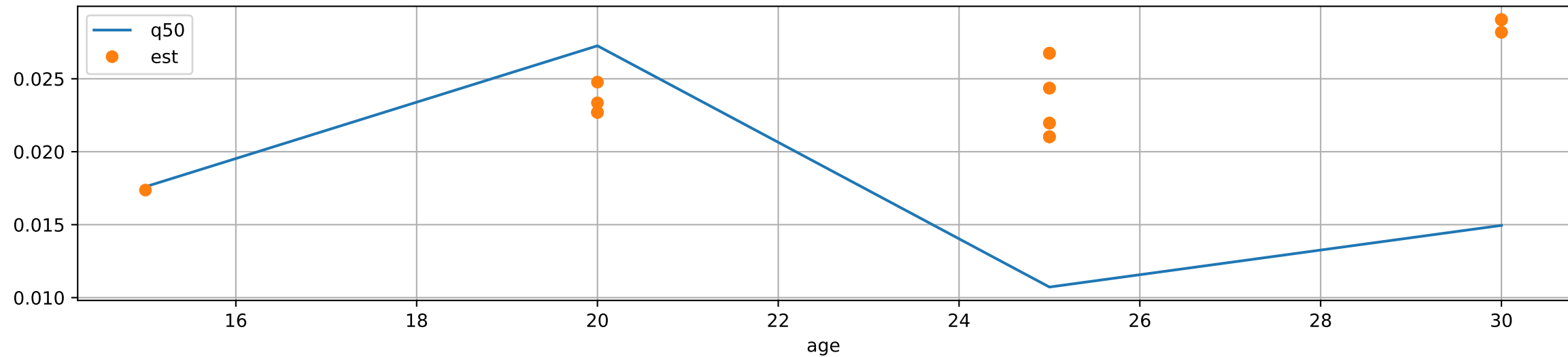
age=25



age=30

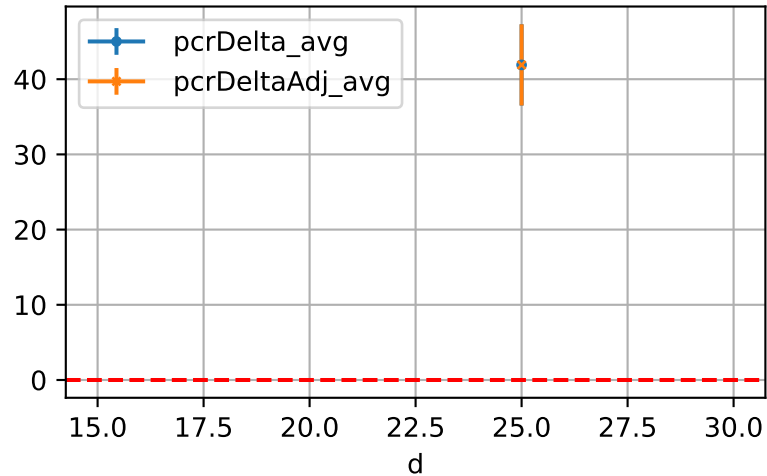


LfA: model est vs obsOv@Q50

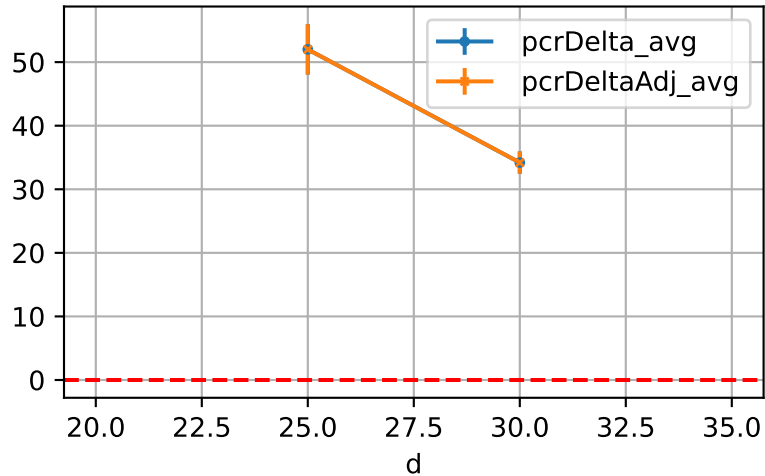


P10AE LfA: D_5d_LfA

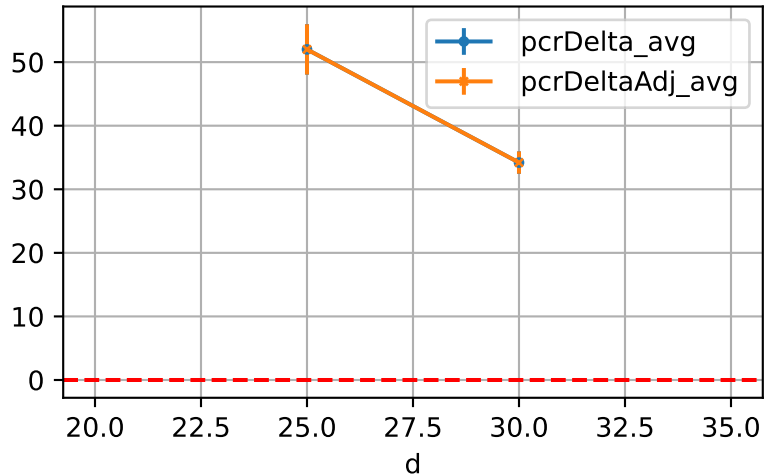
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

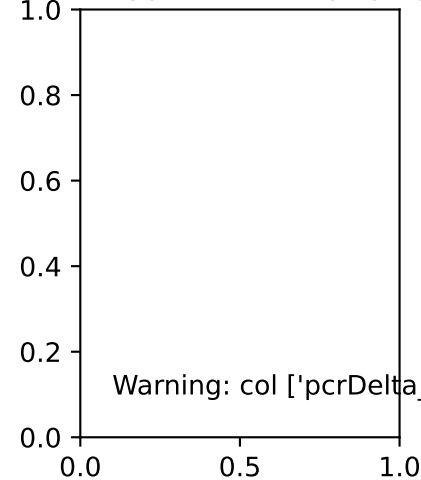


DeltaTypeAbbr=WeiAvgByD

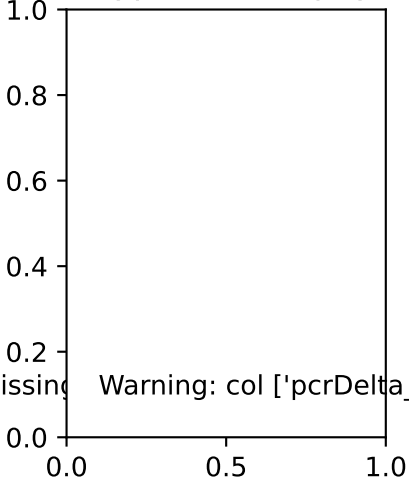


P10AE LfA: D_15d_LfA

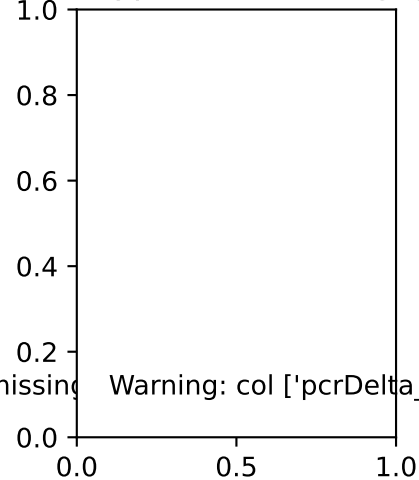
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

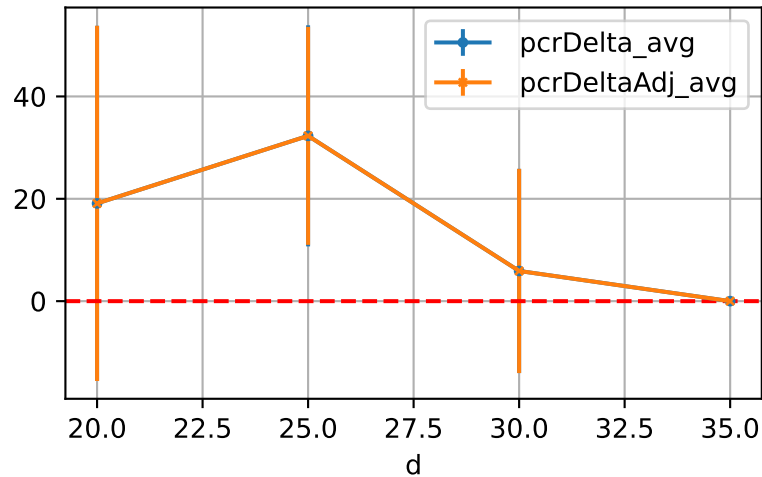


DeltaTypeAbbr=WeiAvgByD

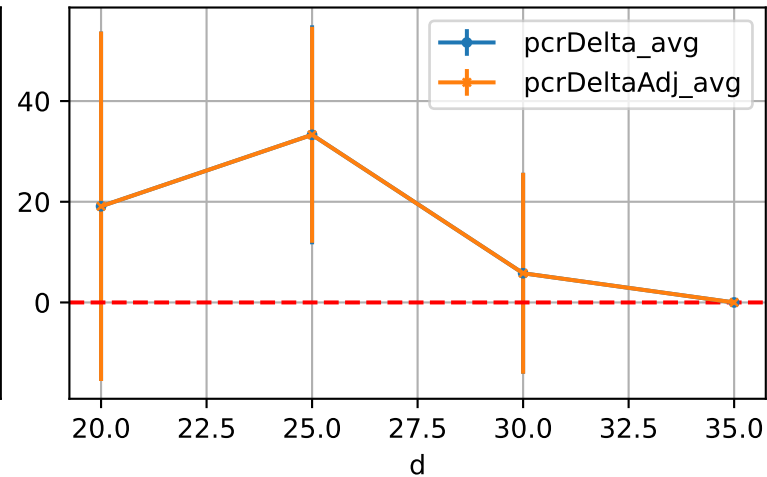


P10AE LfA: D_Q50_LfA

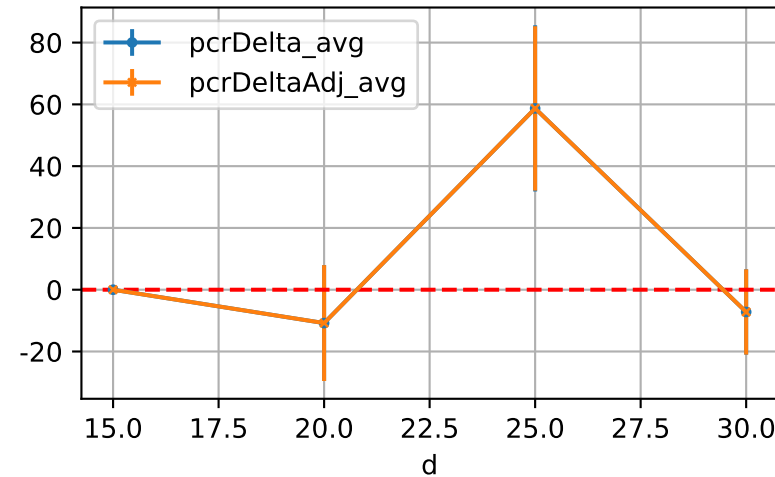
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

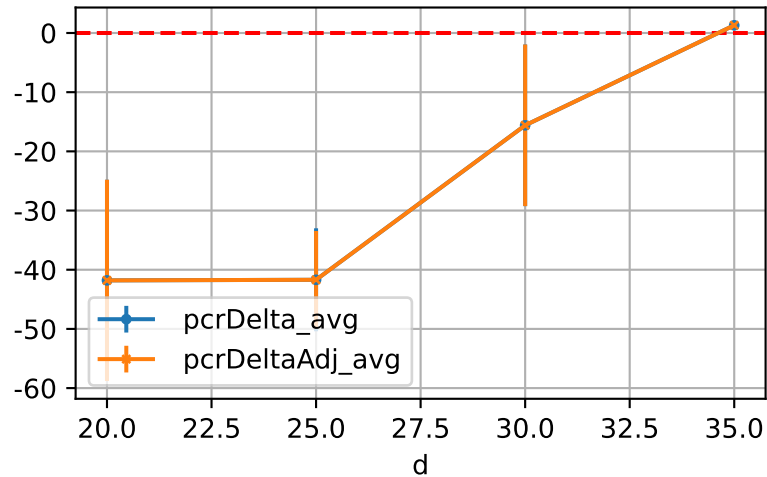


DeltaTypeAbbr=GrpByAge

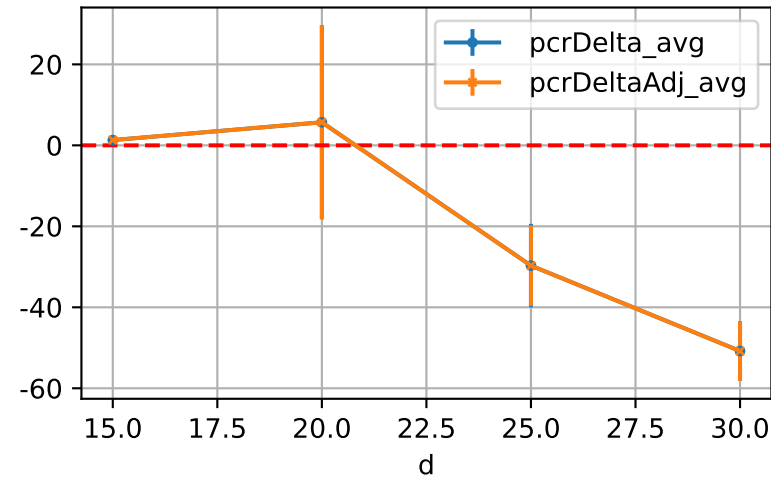


P10AE LfA: D_Est_LfA

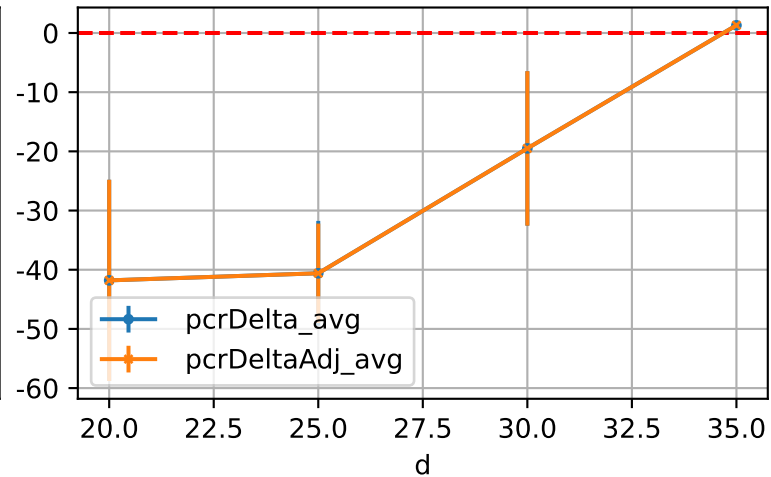
DeltaTypeAbbr=GrpByDay



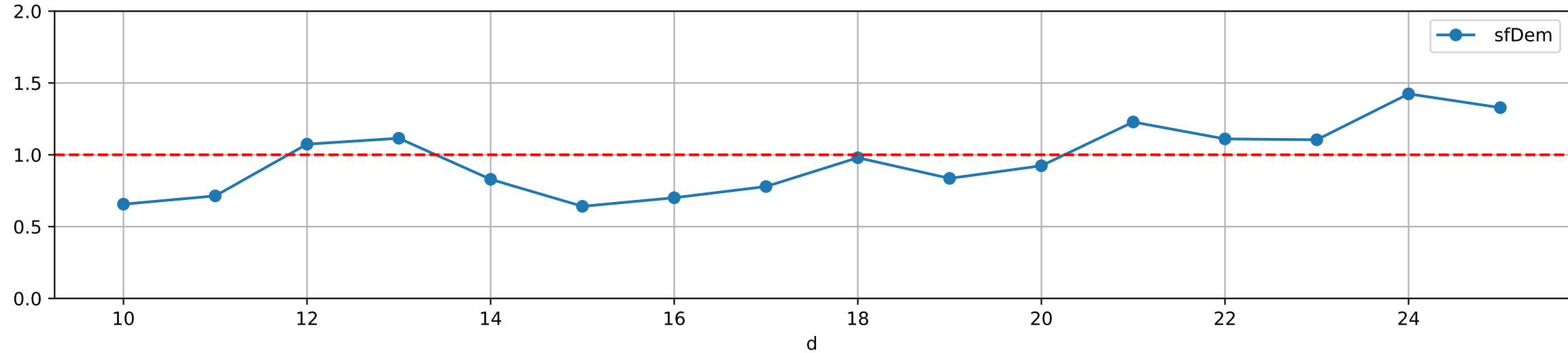
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=WeiAvgByD



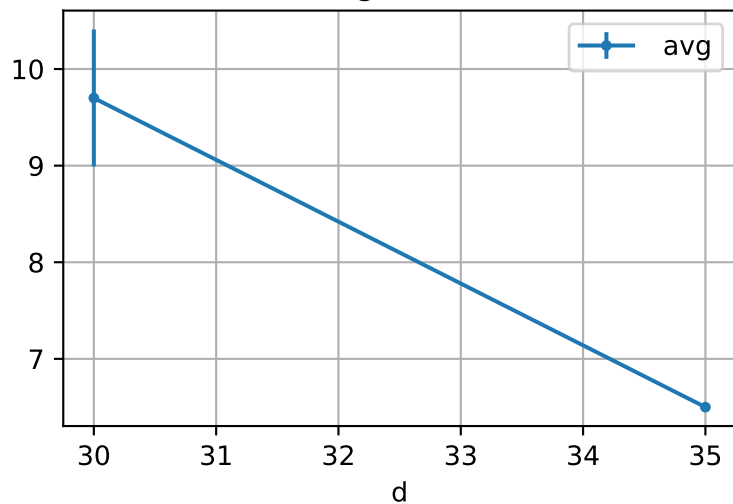
LfA: sfDem



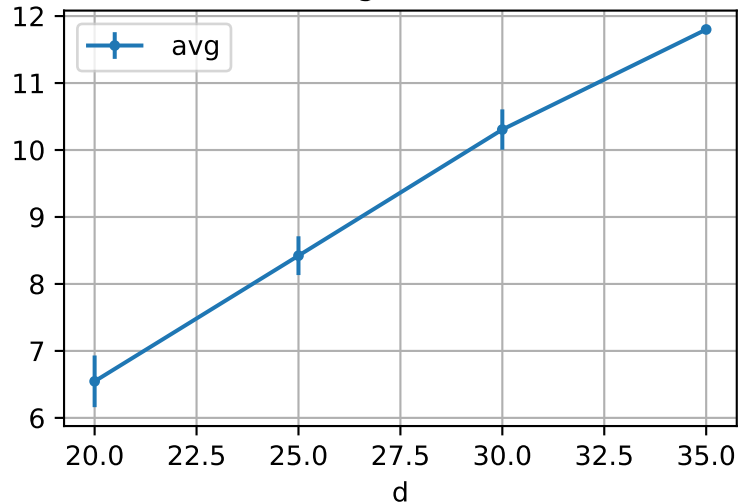


NdD: avg vs. d at each age group

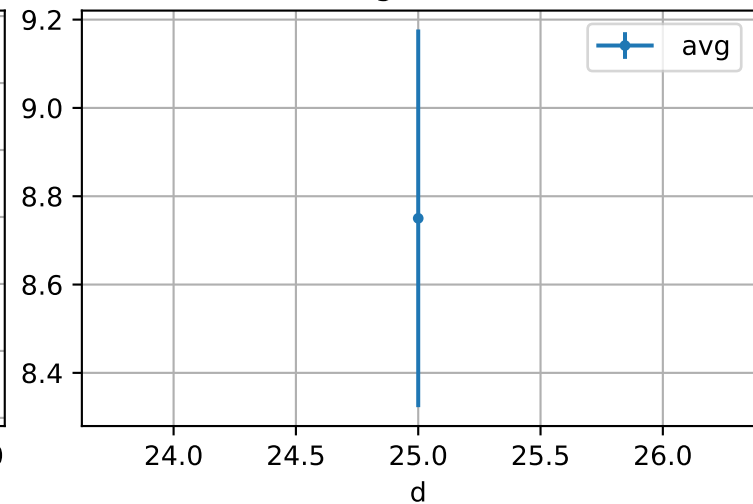
age=15



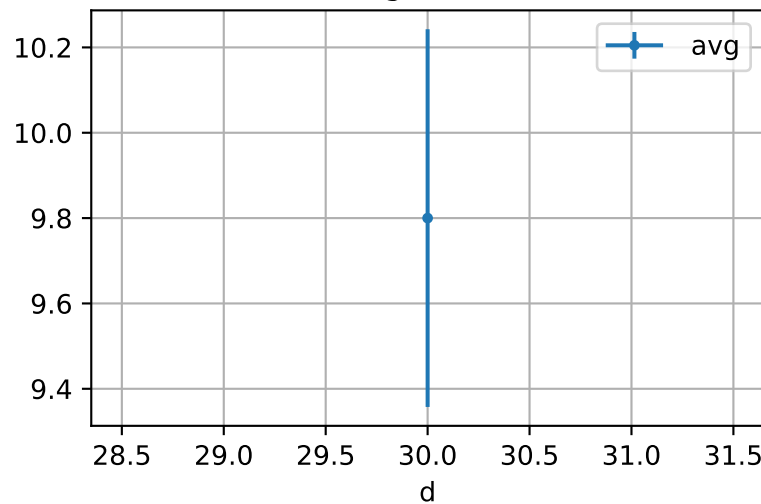
age=20



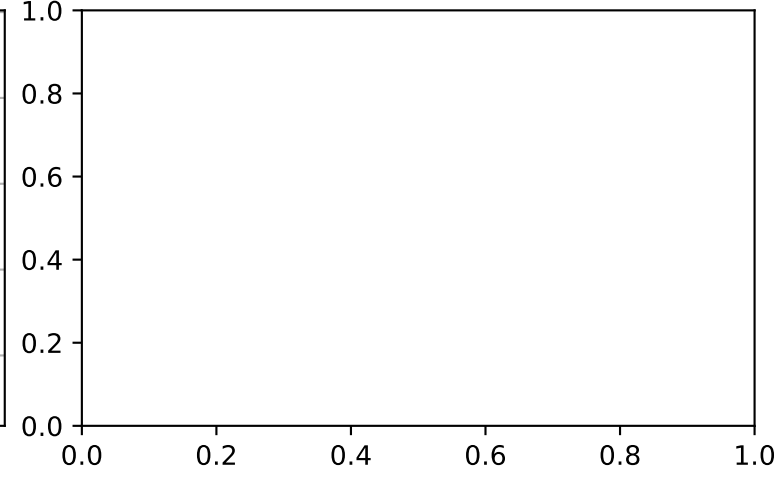
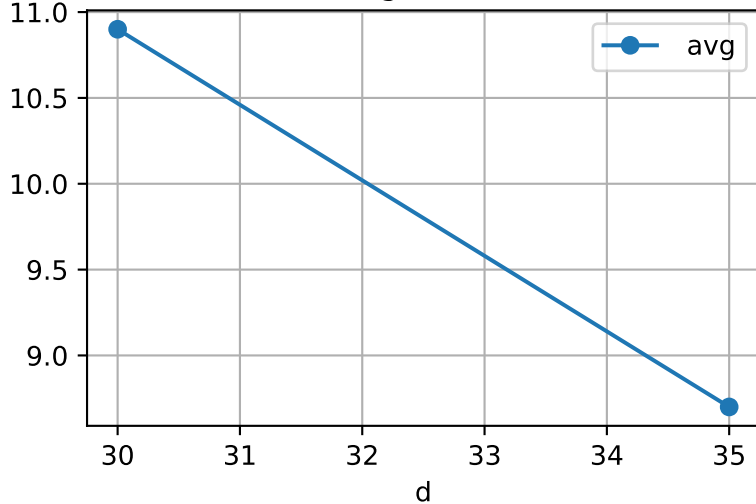
age=25



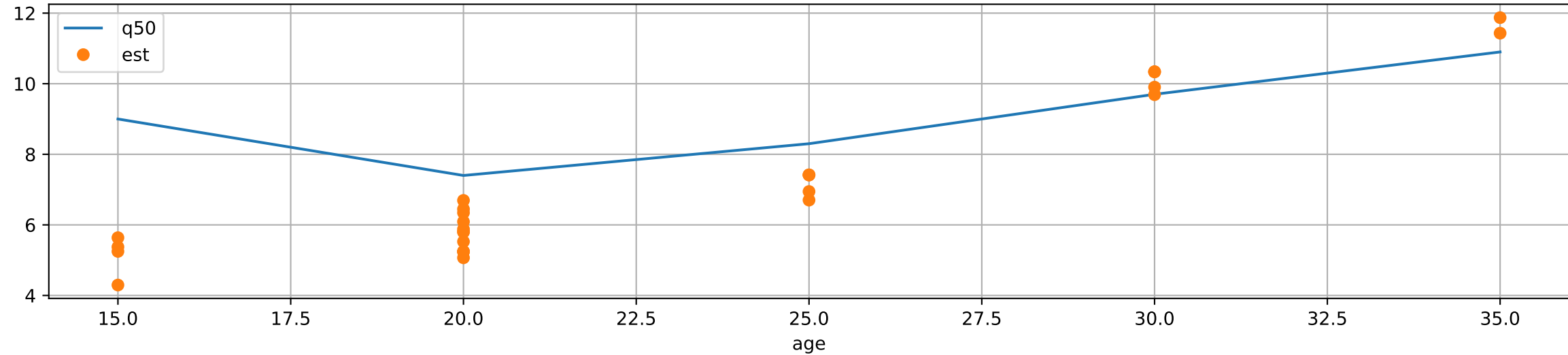
age=30



age=35

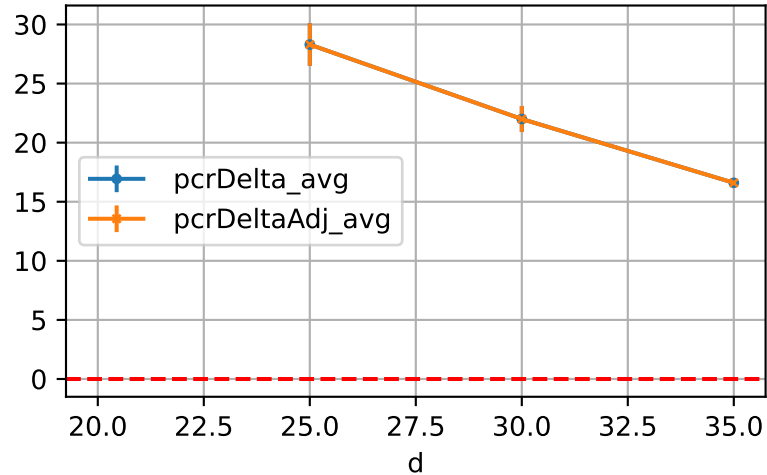


NdD: model est vs obsOv@Q50

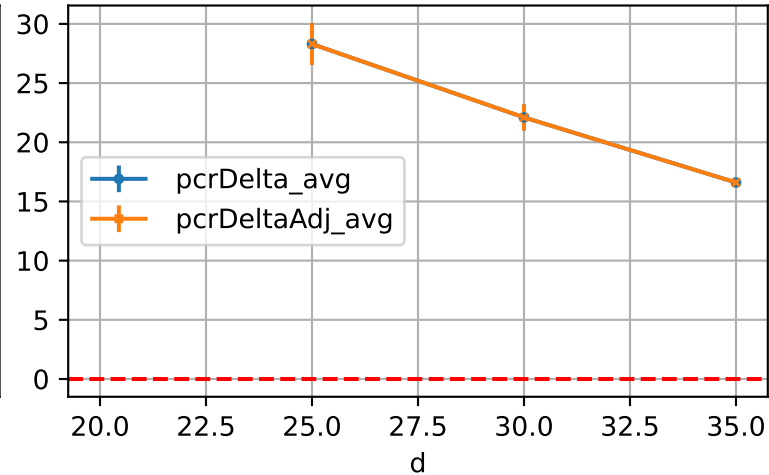


P10AE NdD: D_5d_NdD

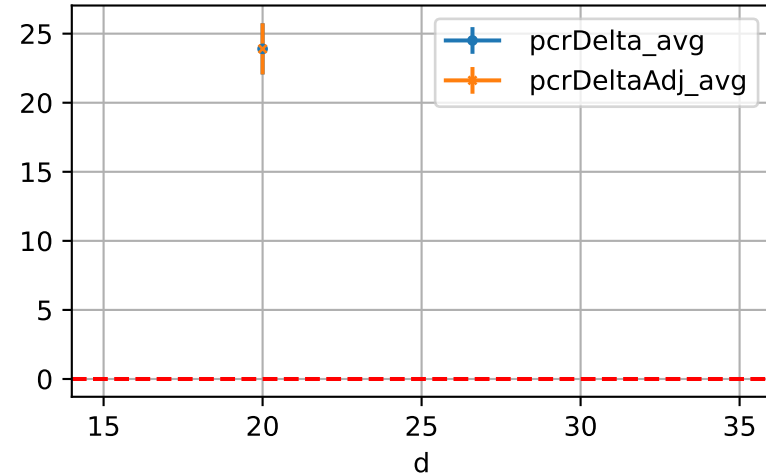
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

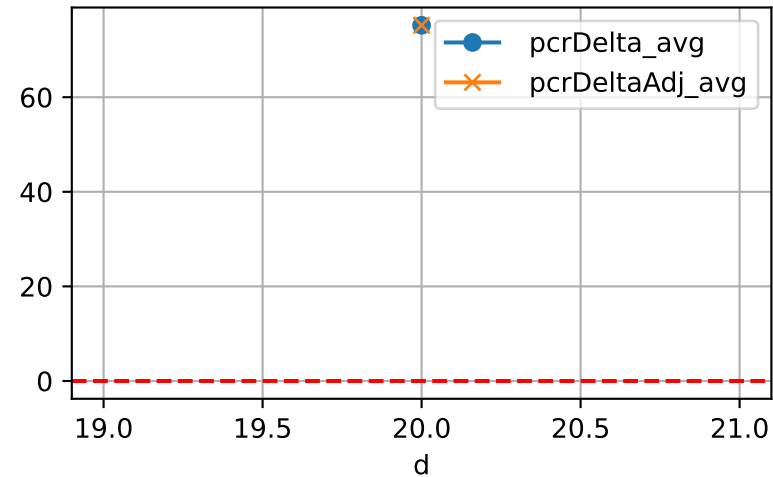


DeltaTypeAbbr=GrpByAge

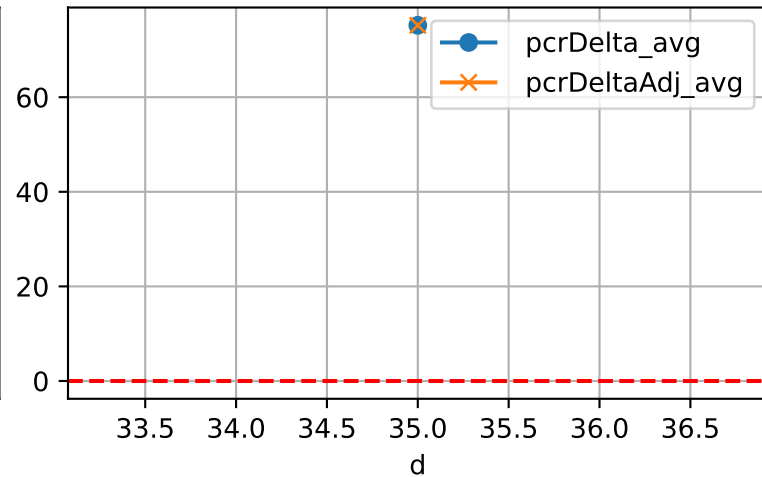


P10AE NdD: D_15d_NdD

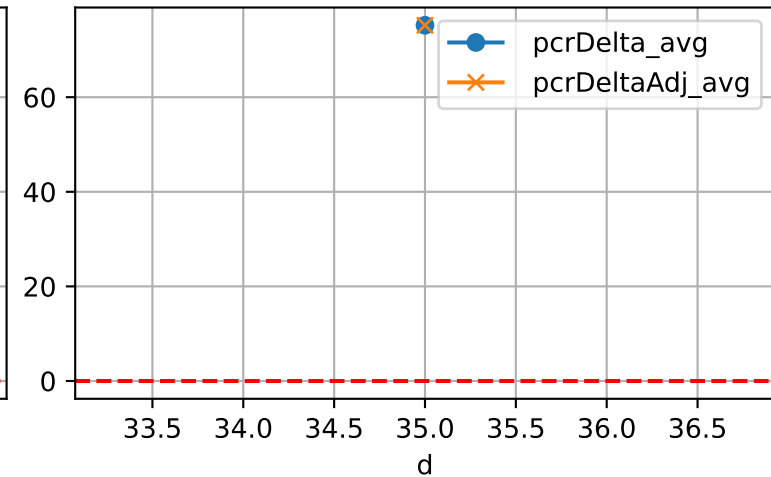
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

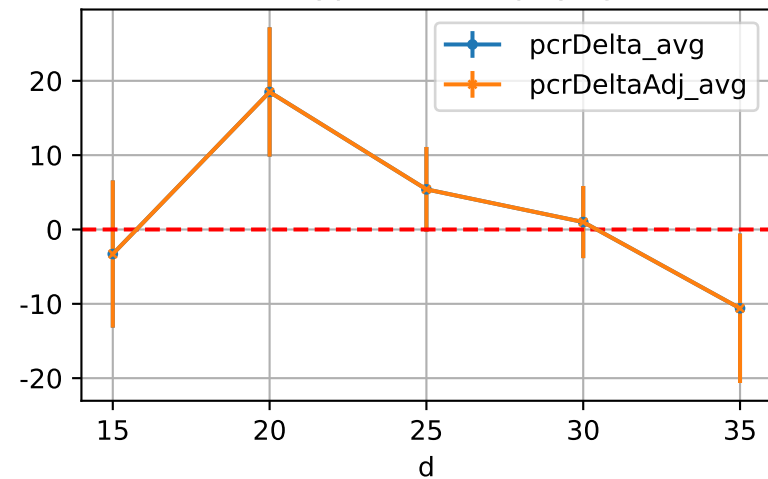


DeltaTypeAbbr=WeiAvgByD

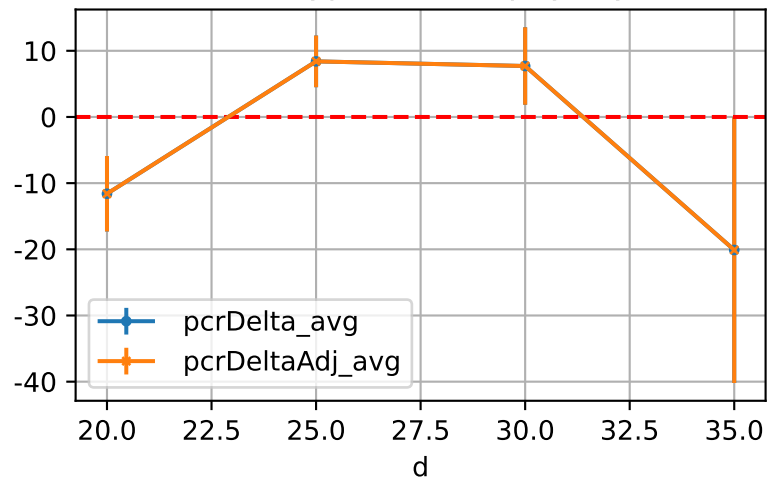


P10AE NdD: D_Q50_NdD

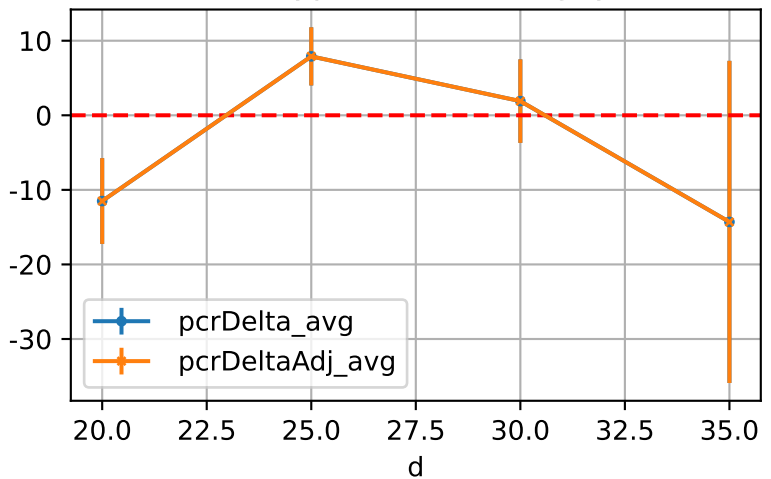
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DeltaTypeAbbr=GrpByDay

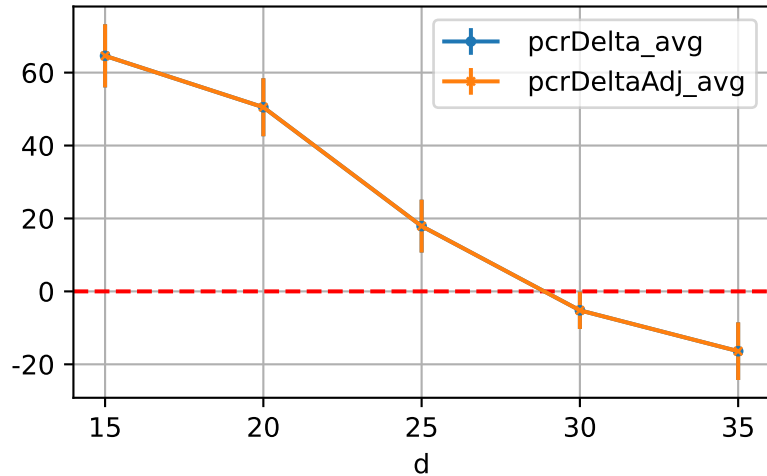


DeltaTypeAbbr=WeiAvgByD

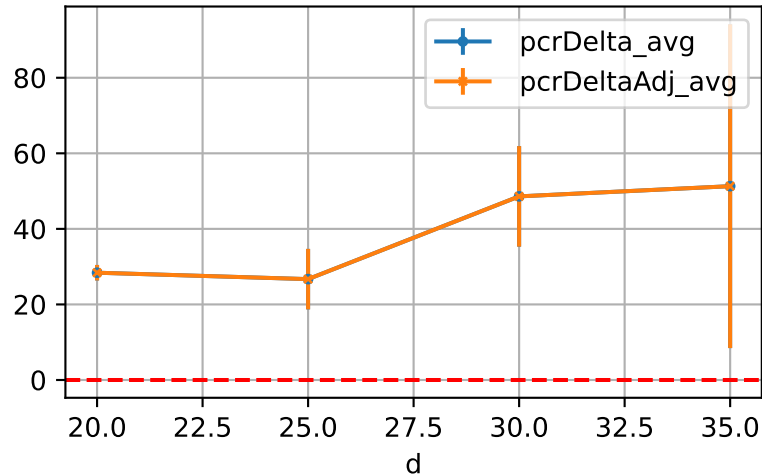


P10AE NdD: D_Est_NdD

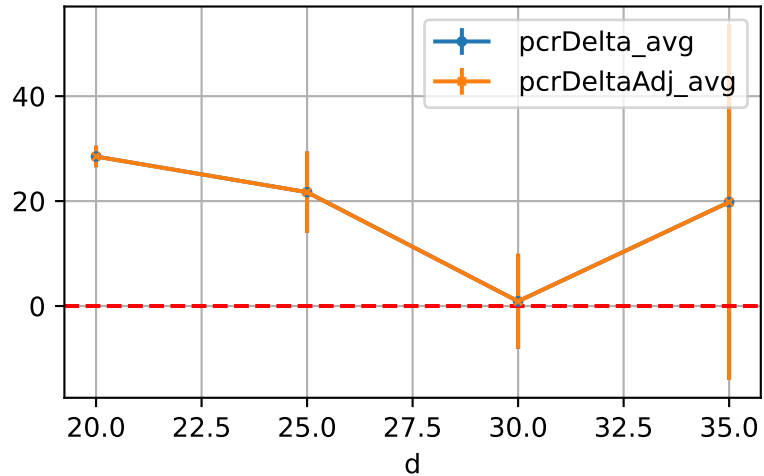
DeltaTypeAbbr=GrpByAge



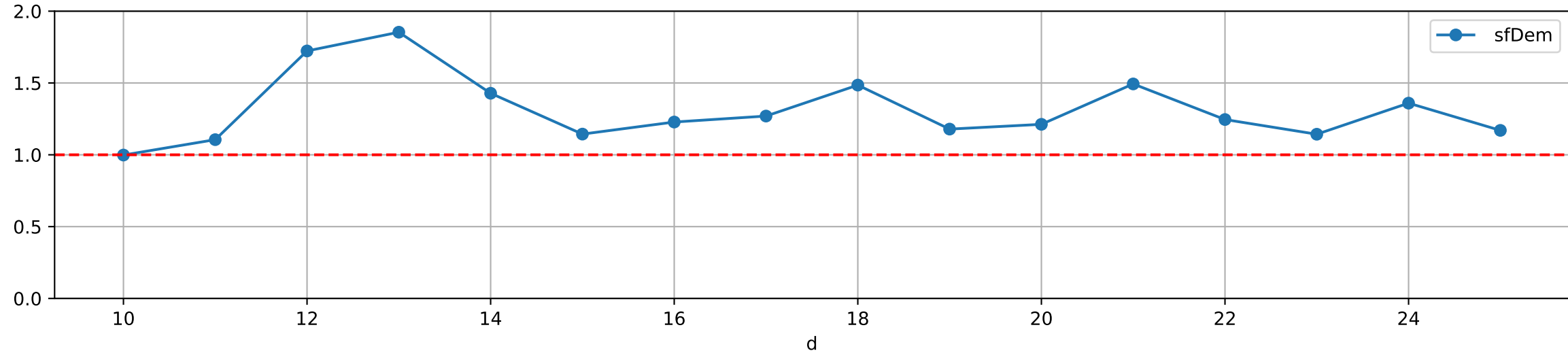
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

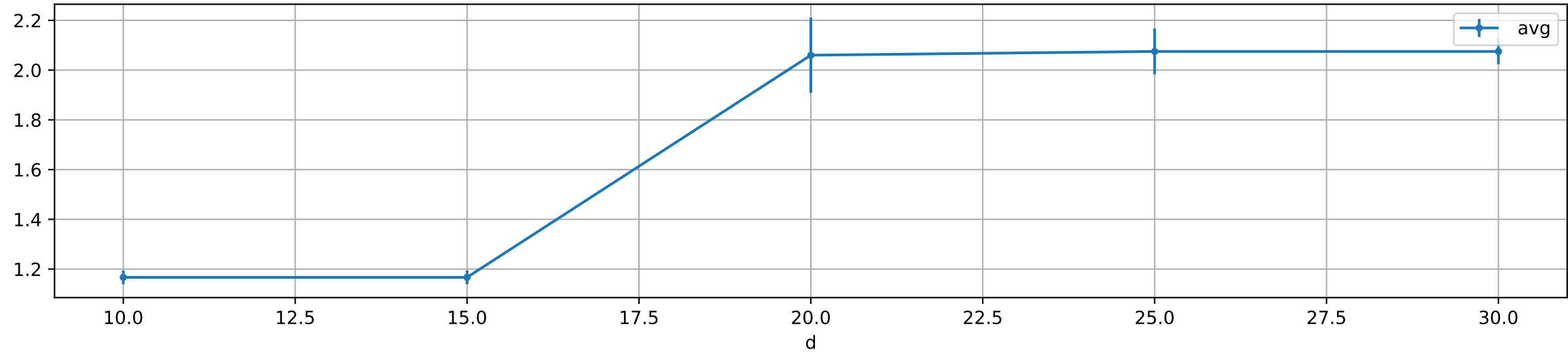


NdD: sfDem

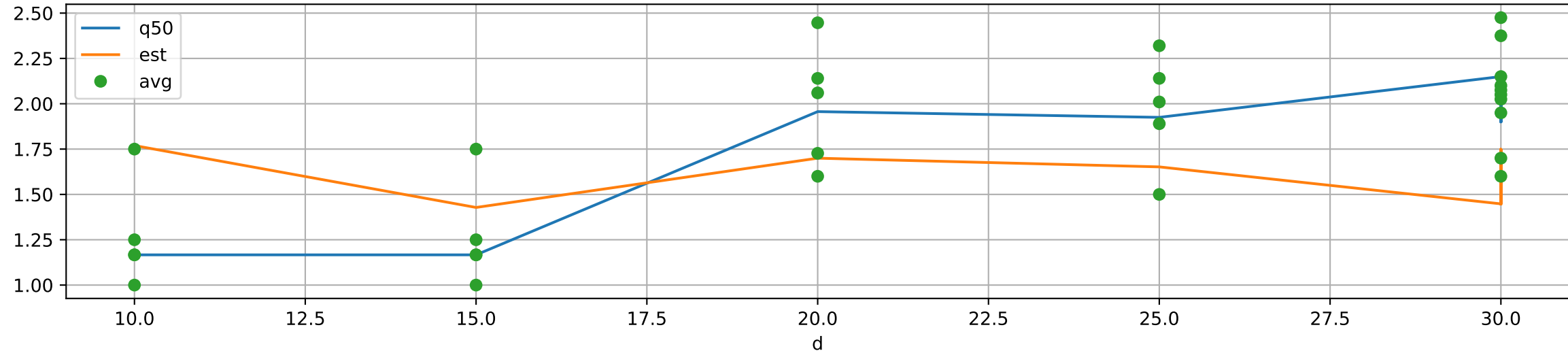




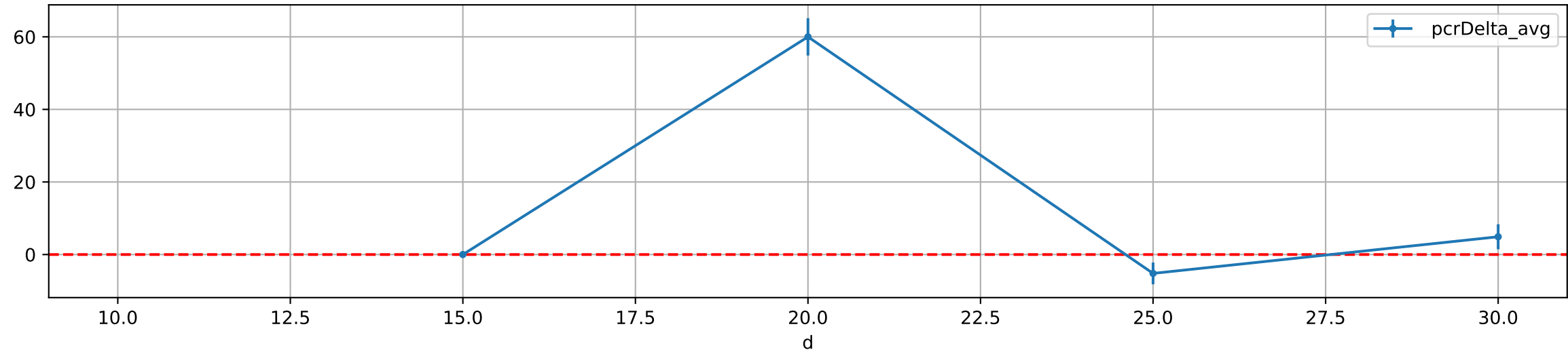
dStH: avg vs. d



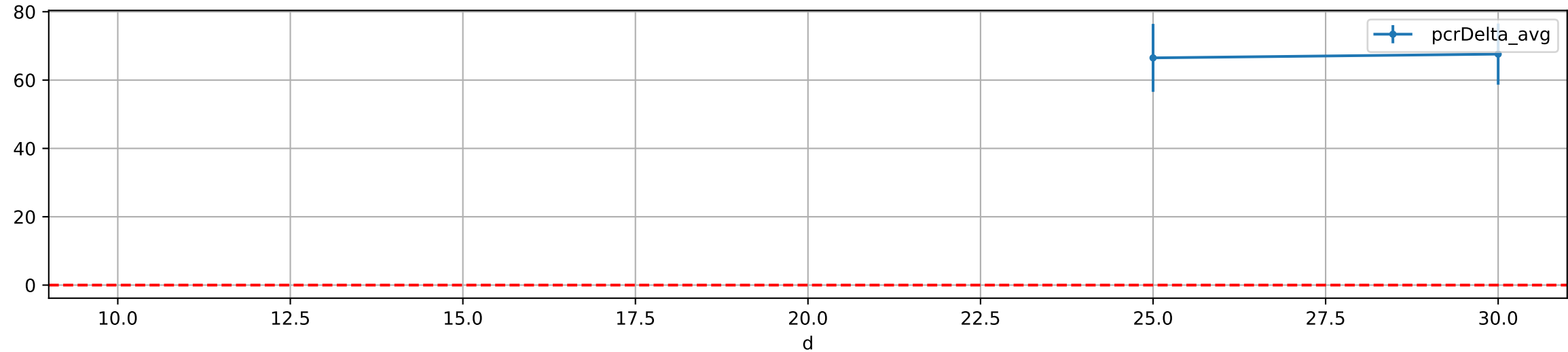
dStH: obsAvg vs obsOv@Q50



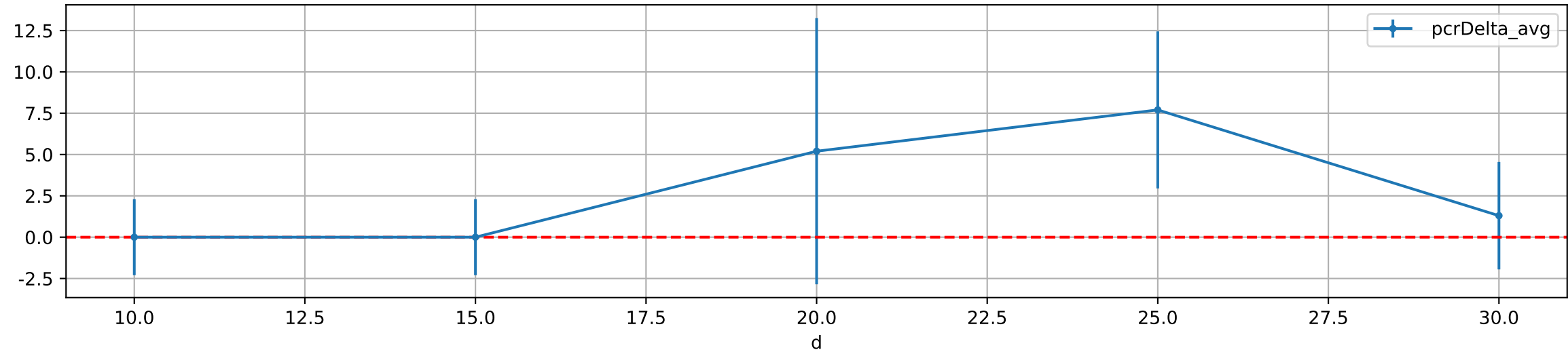
dStH: D_5d_StH



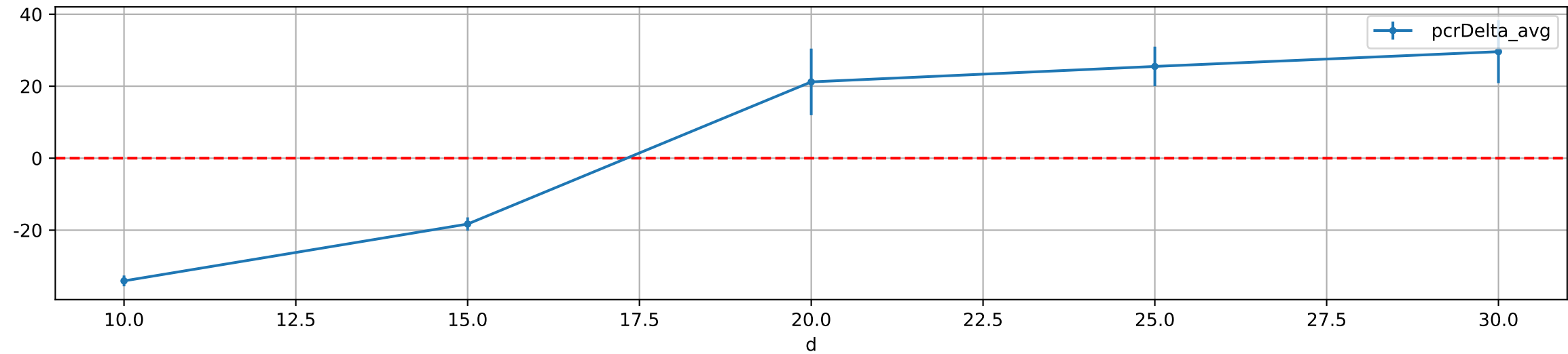
dStH: D_15d_StH



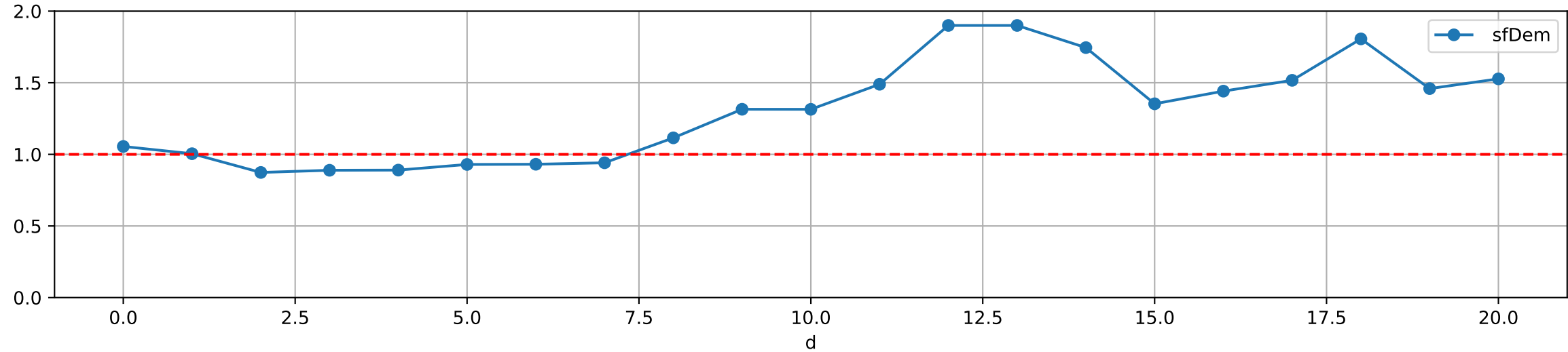
dStH: D_Q50_StH



dStH: D_Est_StH

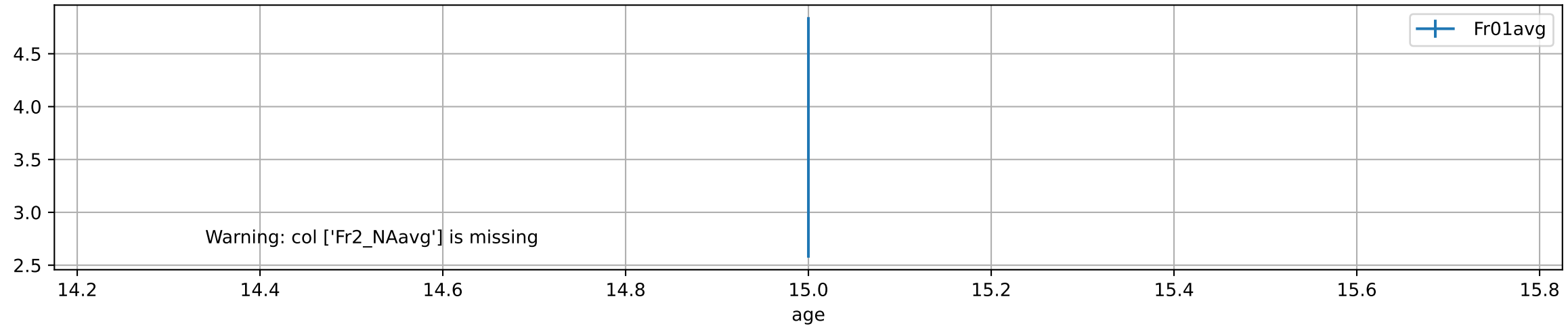


dStH: sfDem



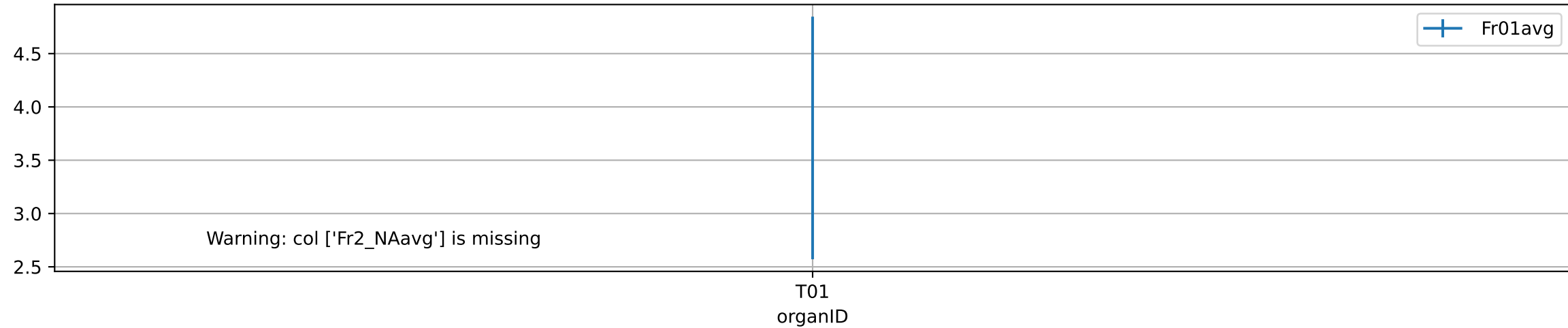


FrV: Fr01 vs Fr2_NA at each truss
organID=T01

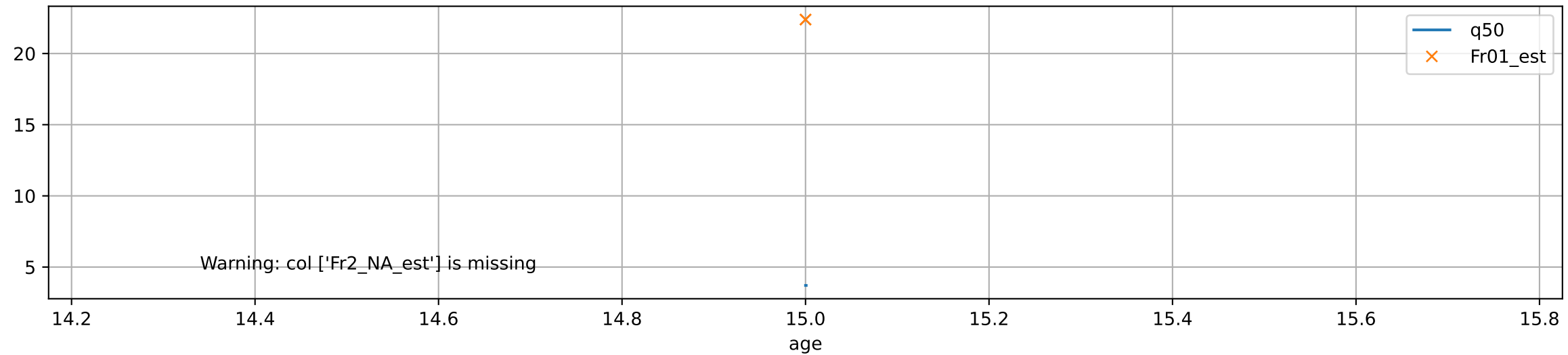


FrV trend at each age

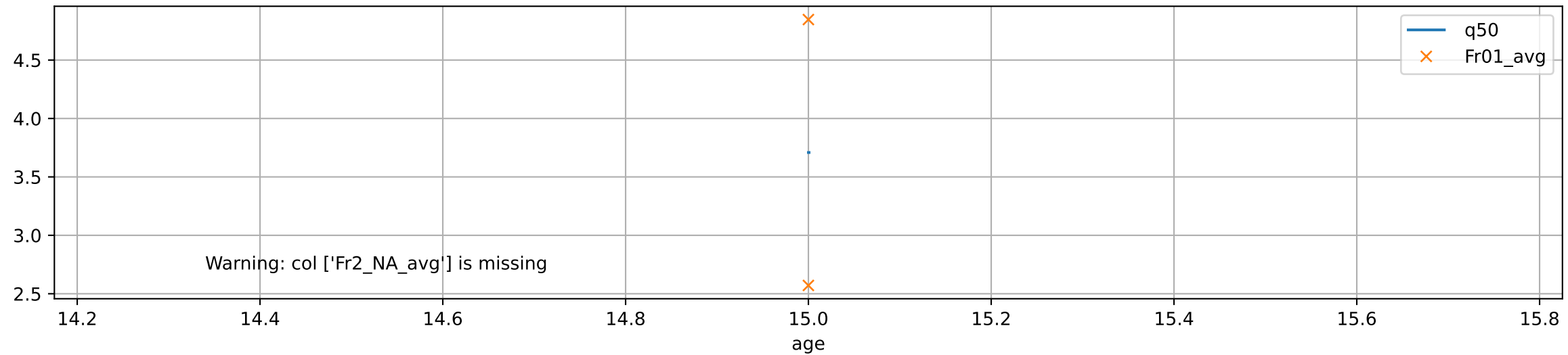
age=15



FrV: model Est vs obsFrV at Q90



FrV: obsFrV vs obsFrV@Q90

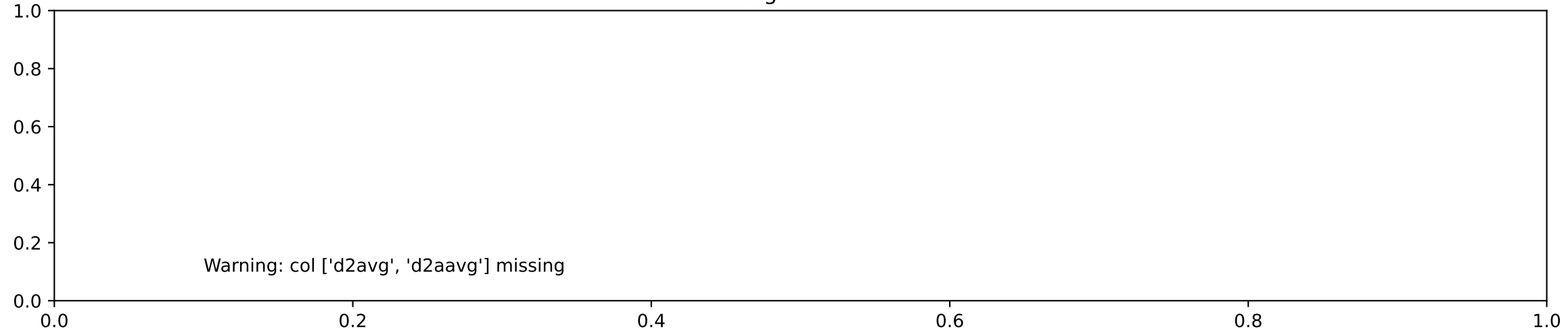


FrV: D_Fr1_FrV
organID=1

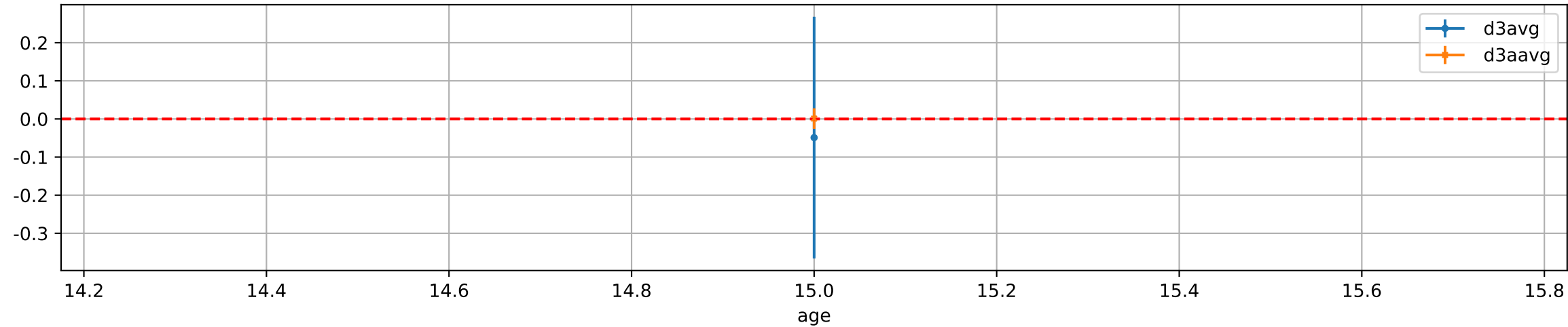
Warning: col ['d1avg', 'd1aavg'] missing

FrV: D_Ts_FrV
organID=1

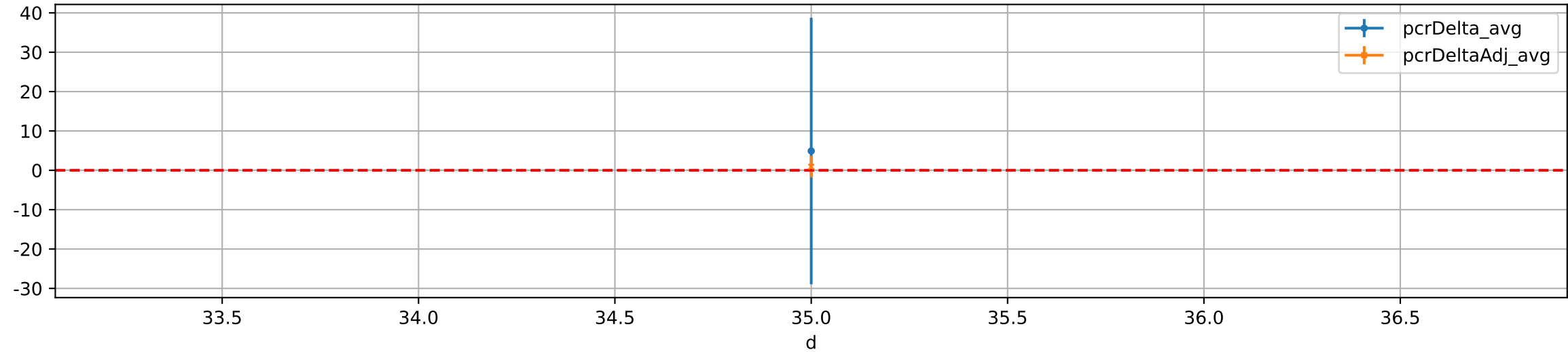
Warning: col ['d2avg', 'd2aavg'] missing



FrV: D_Q50_FrV
organID=1



P10AE FrV: D_Q50_FrV



FrV: D_Est_FrV
organID=1

