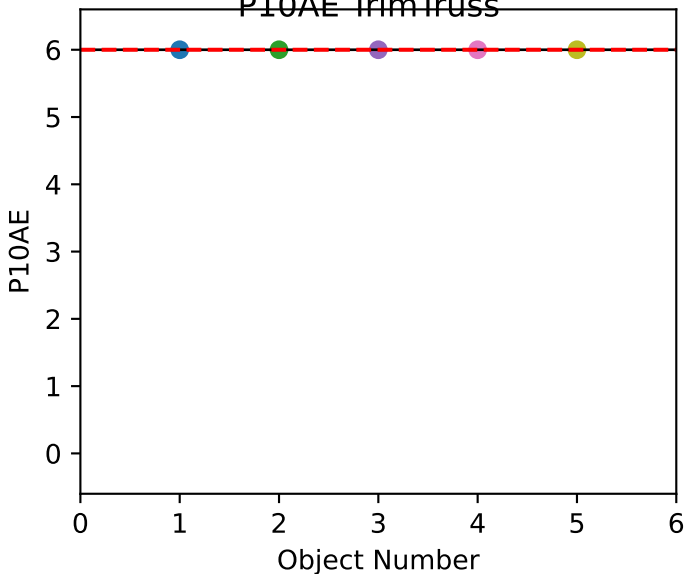


*Phenotype Data Analysis Plots*  
*PhenoData day range = 10 - 31*  
*Analysis cutoff day = 31*  
*NC11 P10*  
*2025-05-02 (Day 32)*

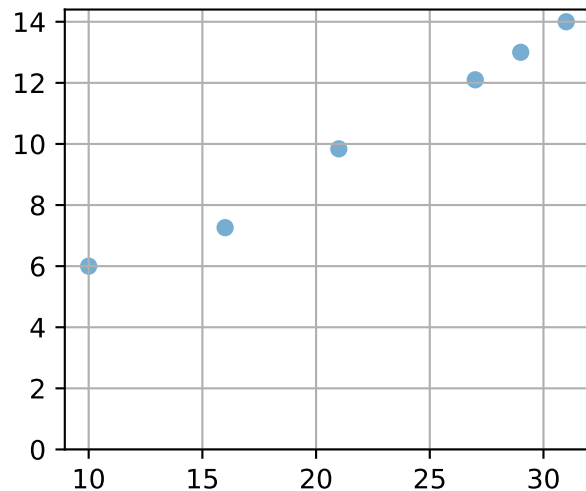
TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0 ~0% avg2=na

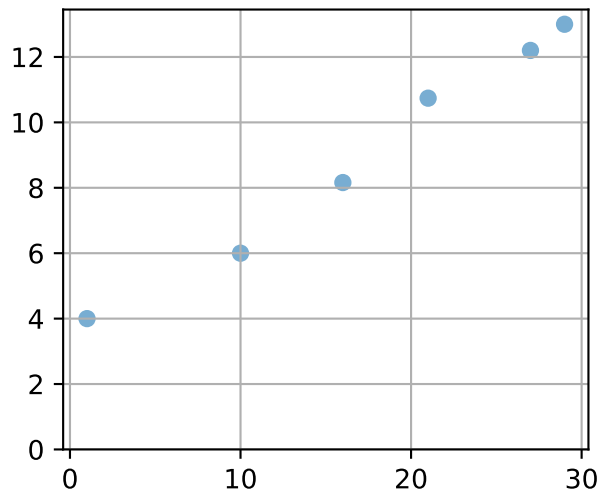
P10AE Trim Truss



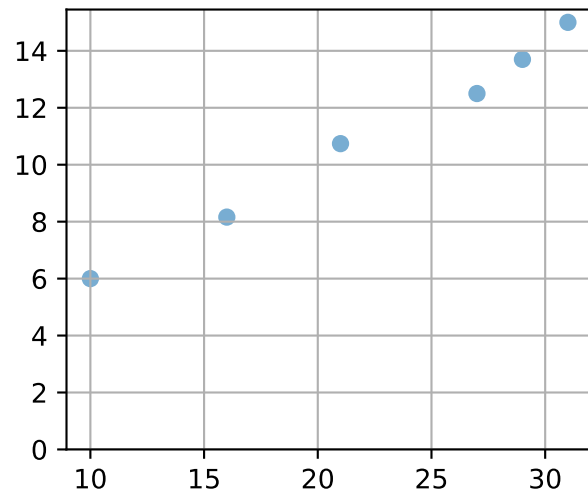
P10AE-063-19 (fit failed)



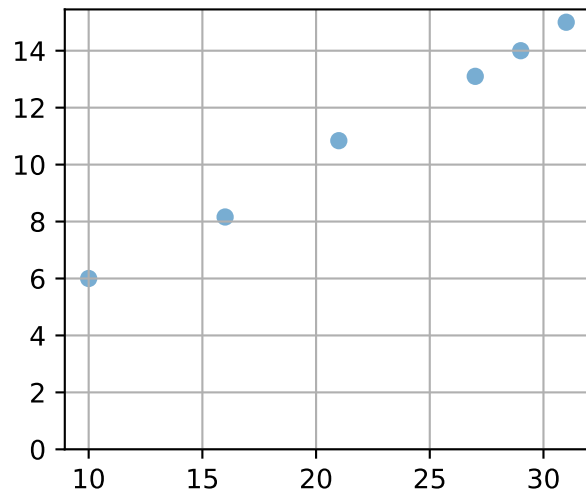
P10AE-076-15 (fit failed)



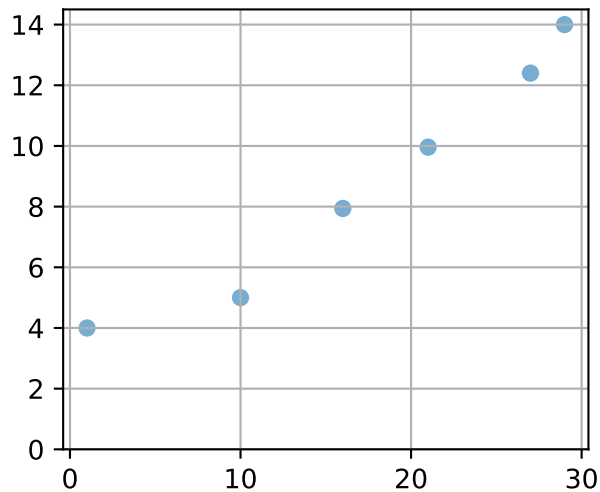
P10AE-089-22 (fit failed)



P10AE-103-17 (fit failed)

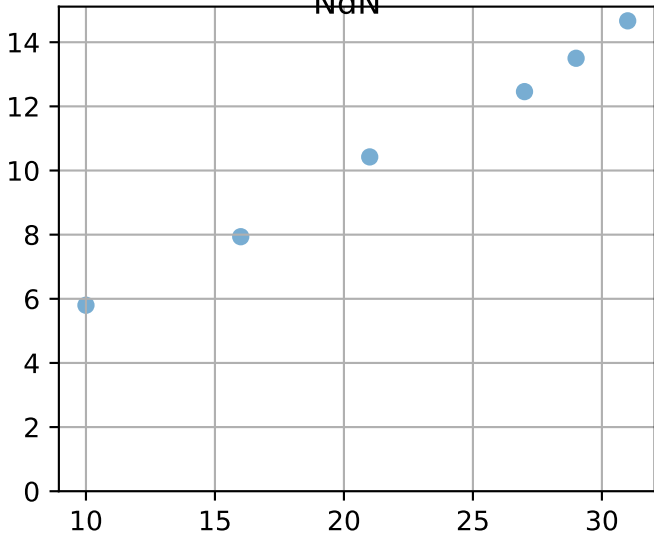


P10AE-116-21 (fit failed)

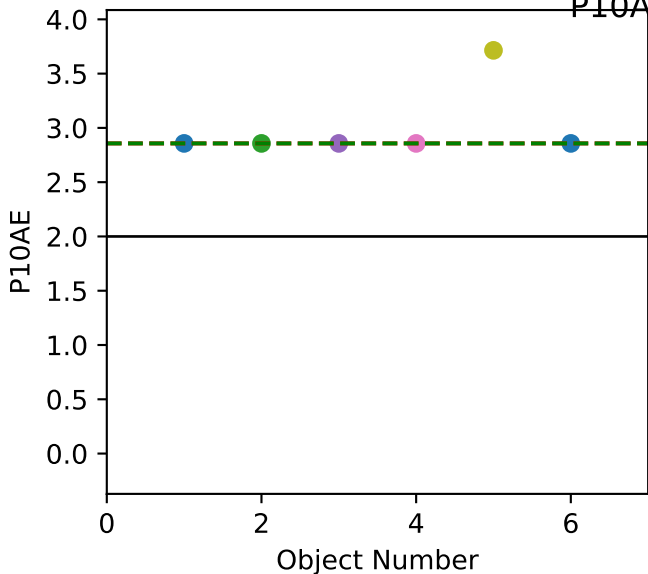


P10AEavg (fit failed)

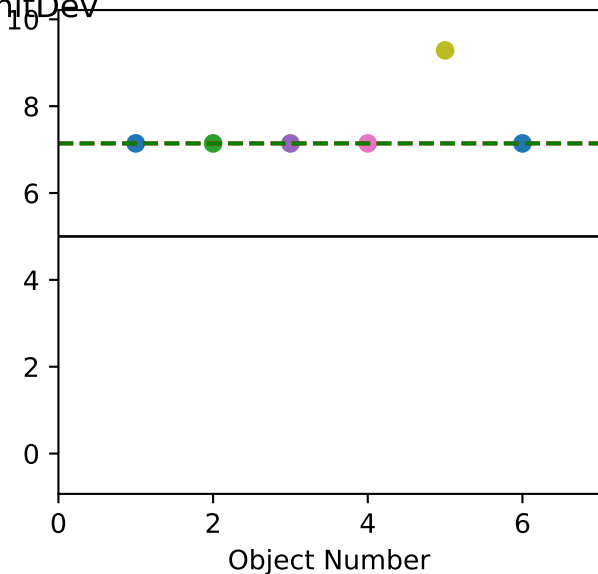
NaN



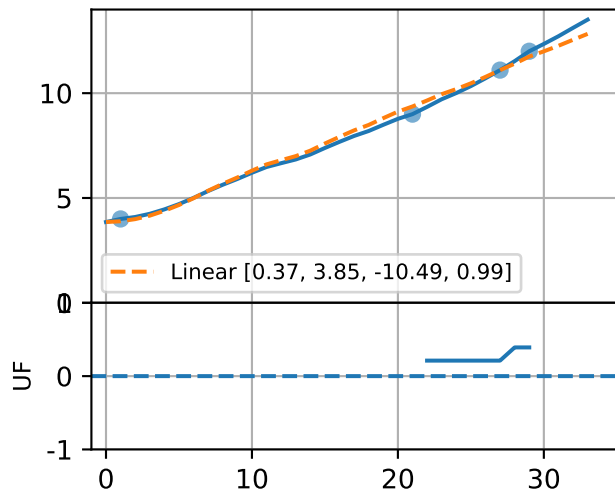
InitDev\_dm (Def=2 Set=2.86)  
avg1=2.86~0% avg2=2.86



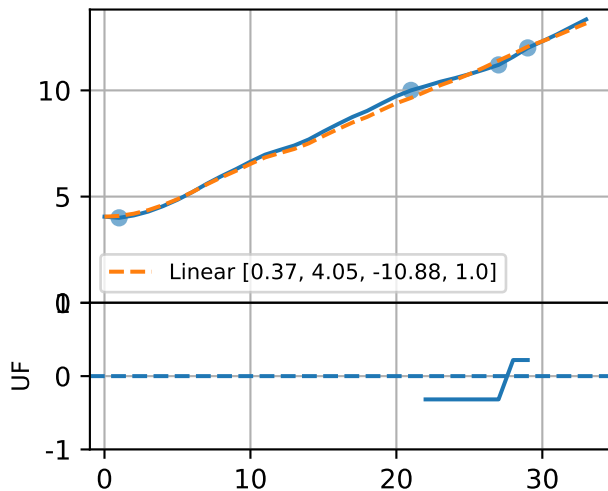
InitDev\_de (Def=5 Set=7.14)  
avg1=7.14~0% avg2=7.14



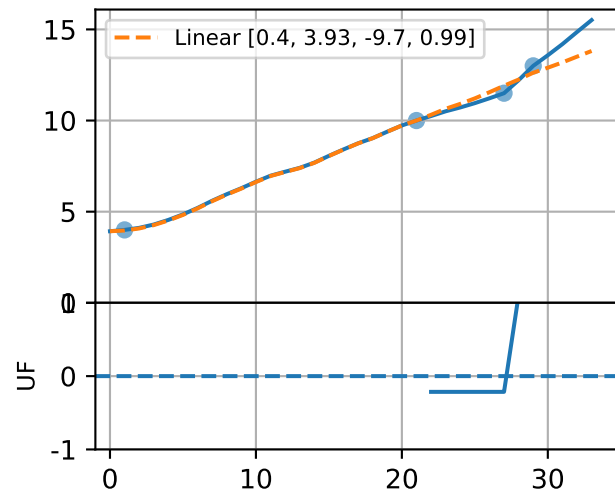
P10AE-063-19



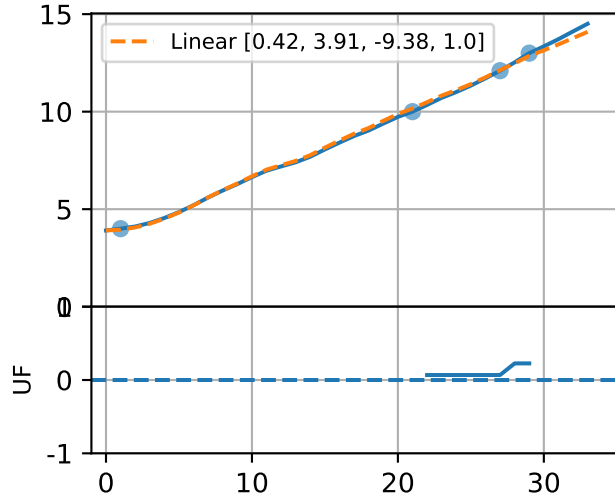
P10AE-076-5



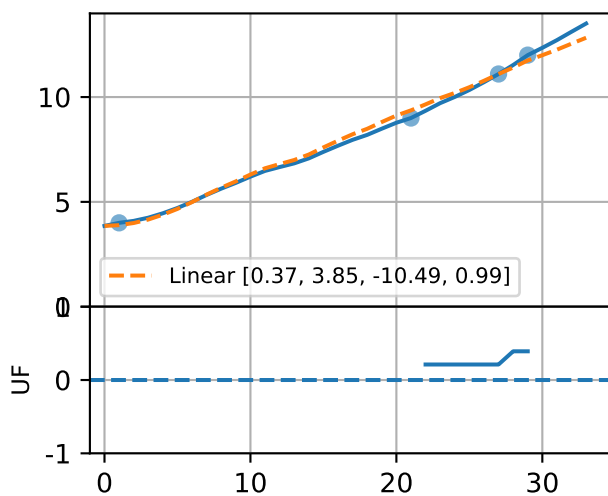
P10AE-089-22



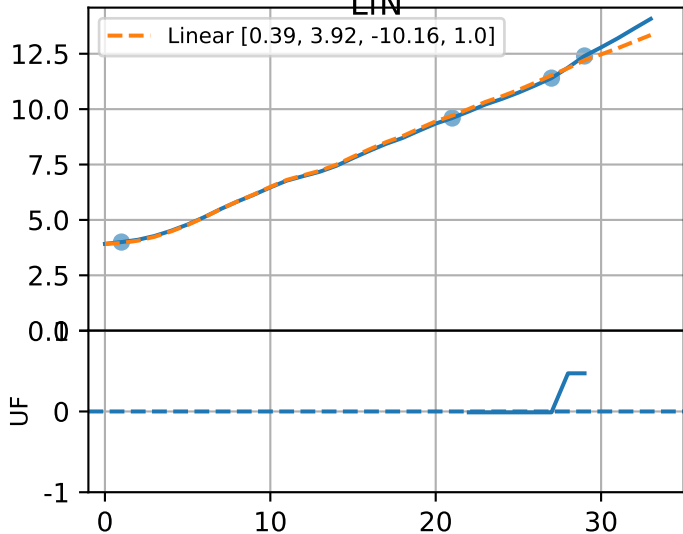
P10AE-103-17

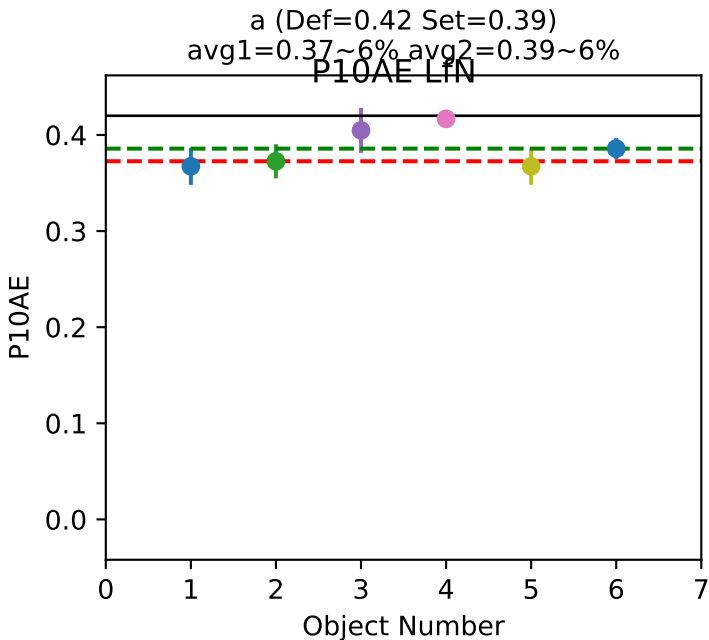


P10AE-116-21

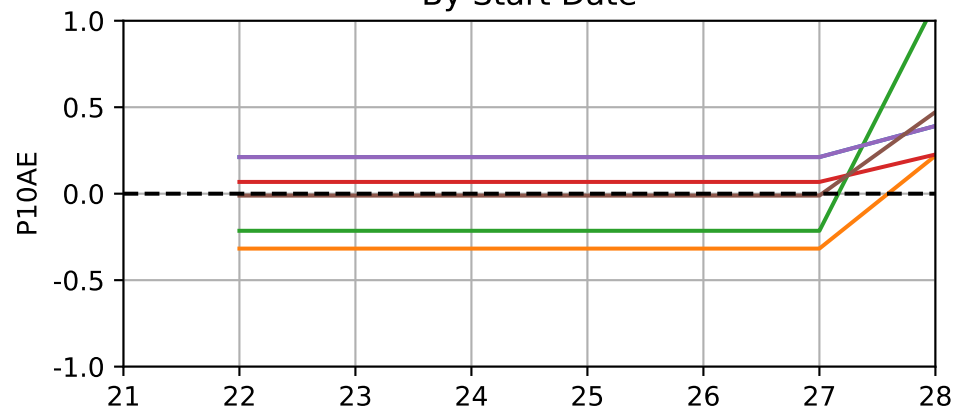


P10AEavg  
Lfn

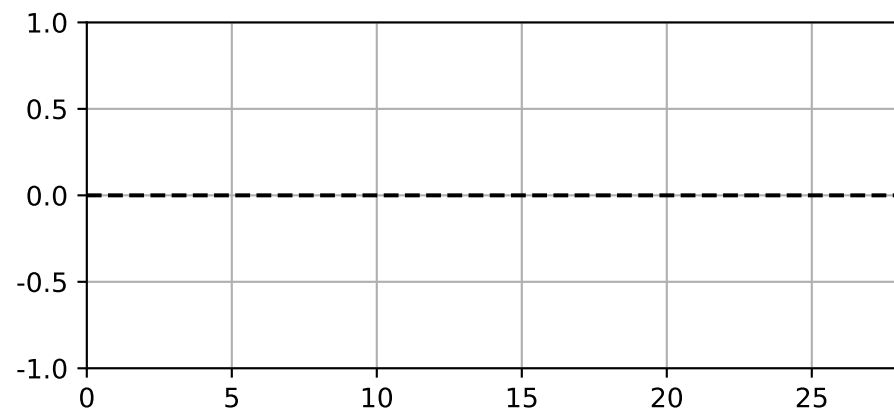
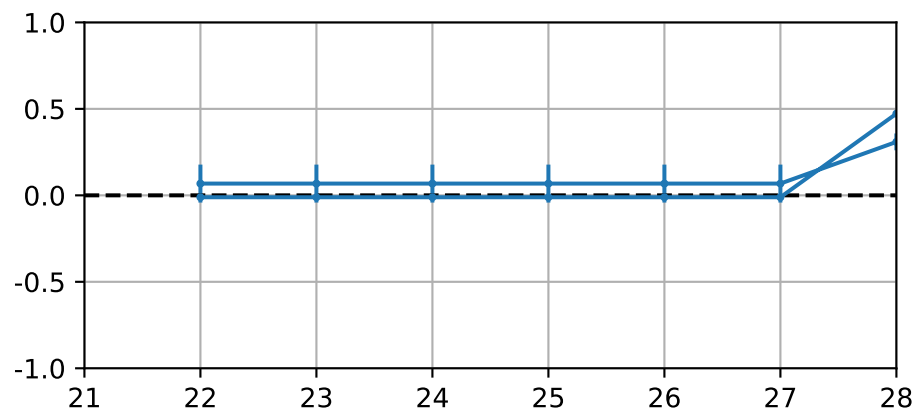
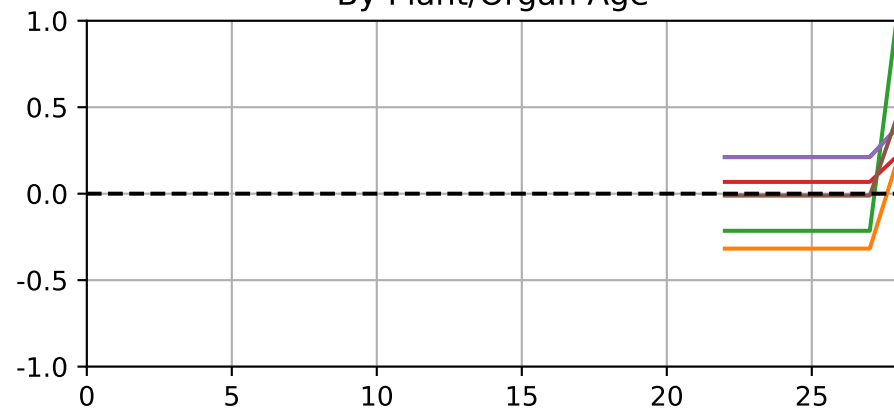




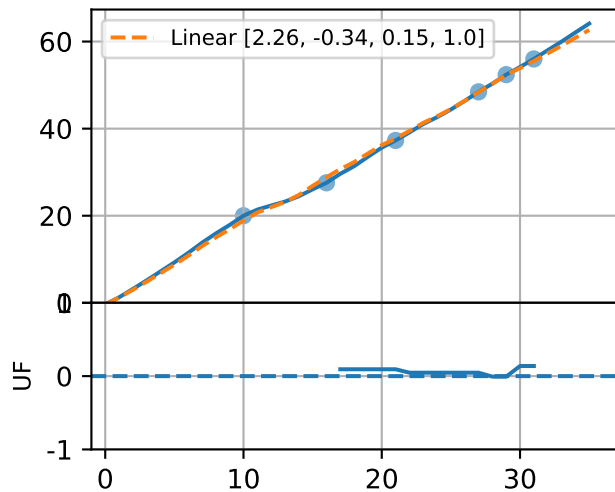
By Start Date



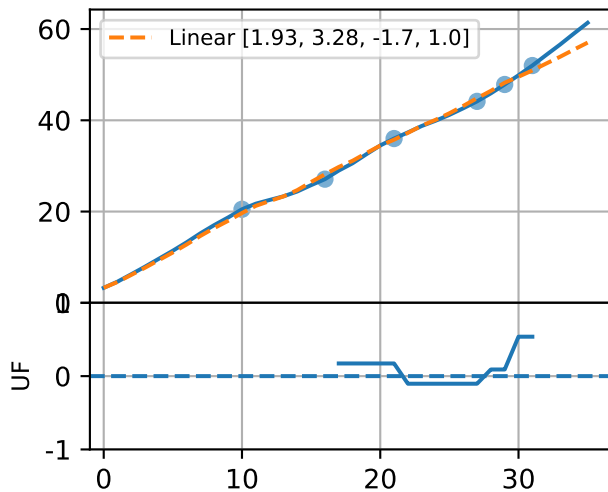
By Plant/Organ Age



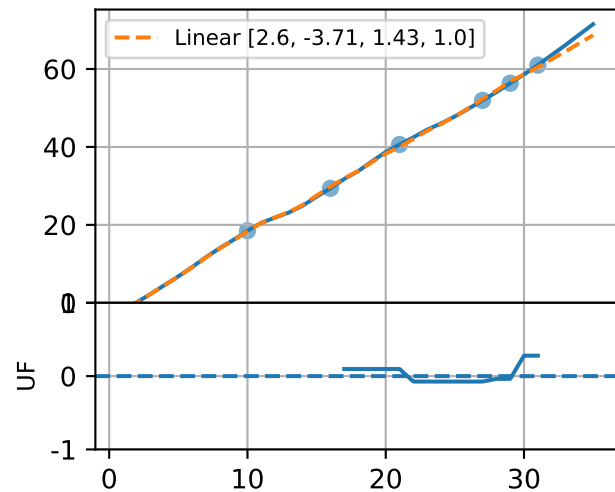
P10AE-063-19



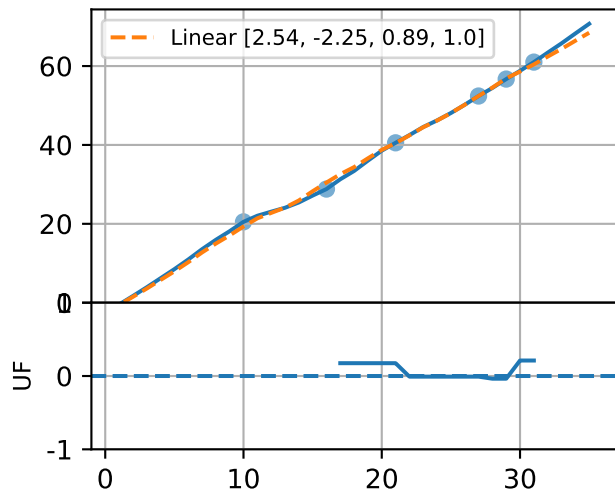
P10AE-076-5



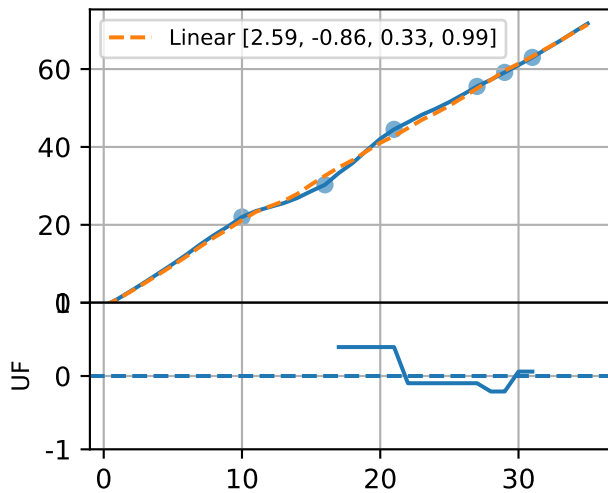
P10AE-089-22



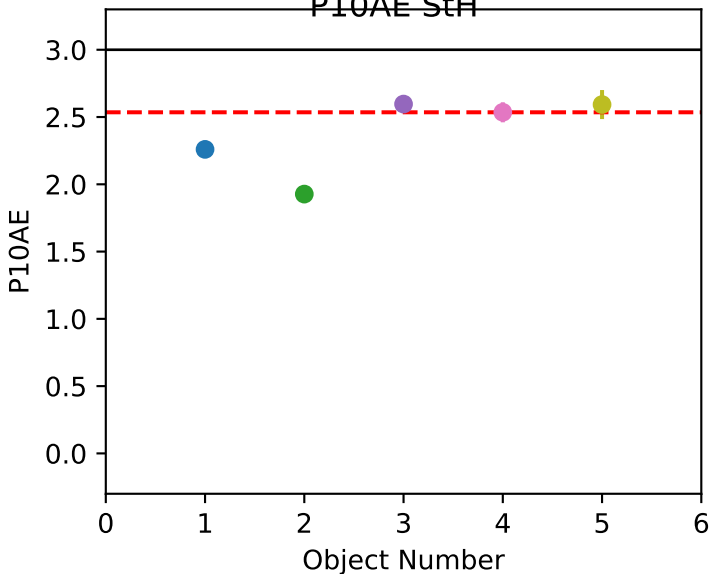
P10AE-103-17



P10AE-116-21

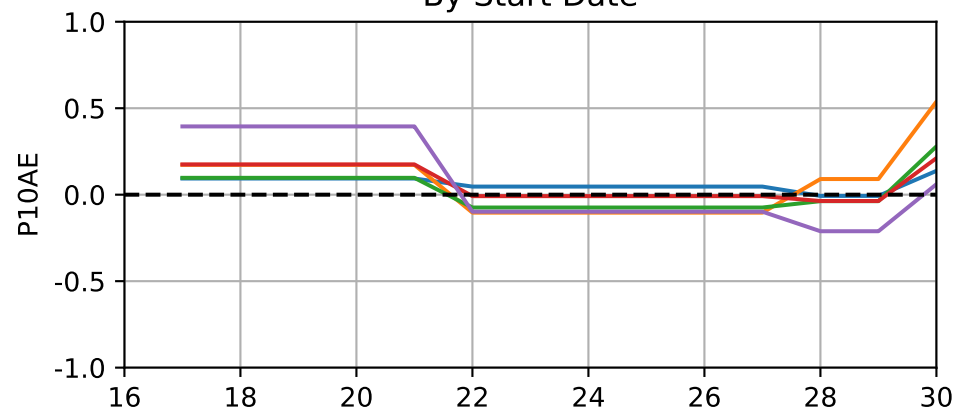


a (Def=3 Set=2.54)  
avg1=2.54~11% avg2=na

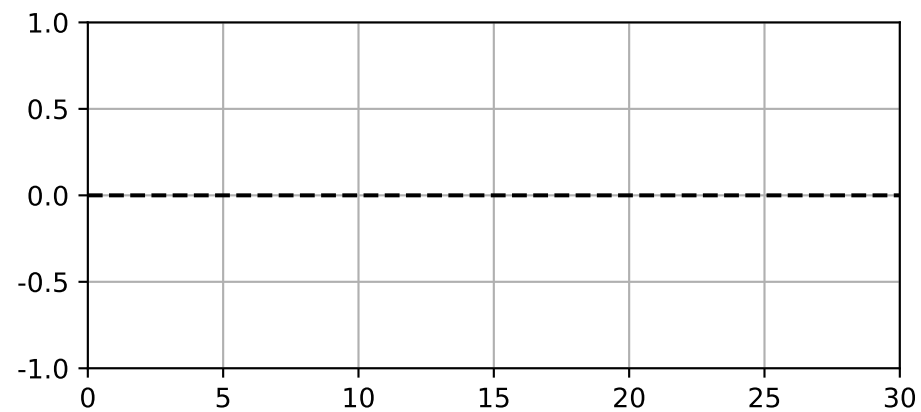
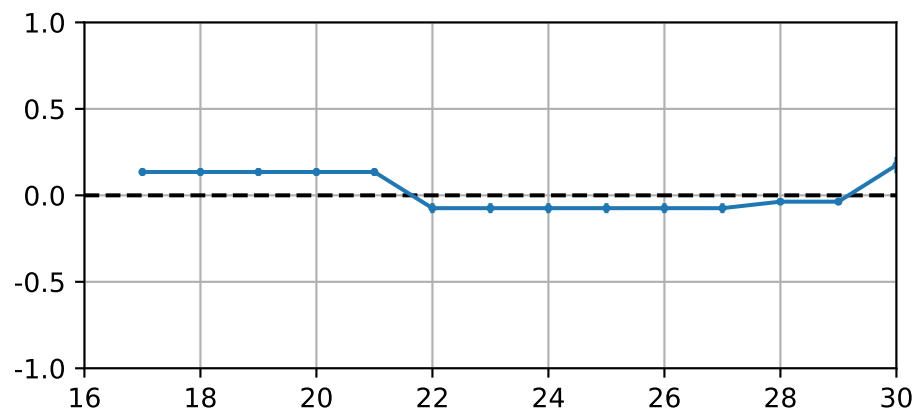
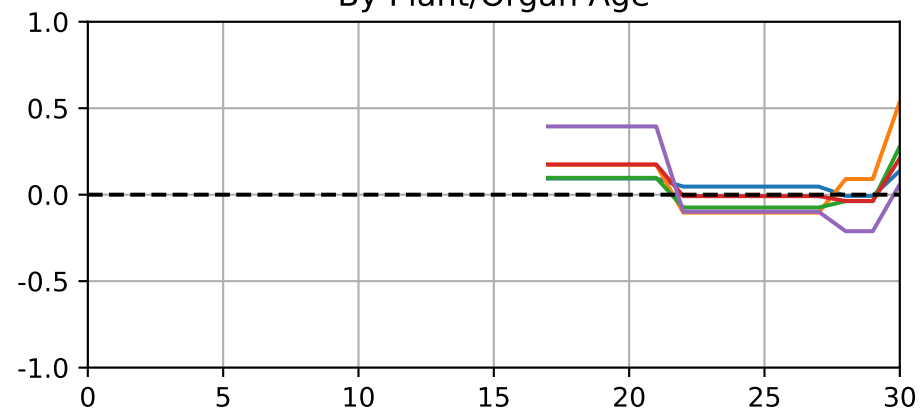


StH

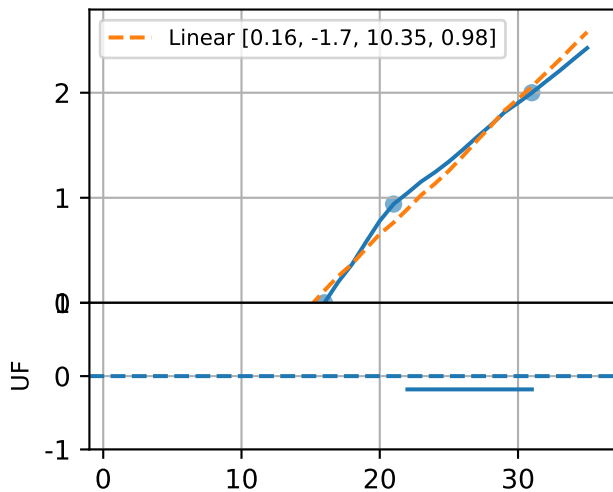
By Start Date



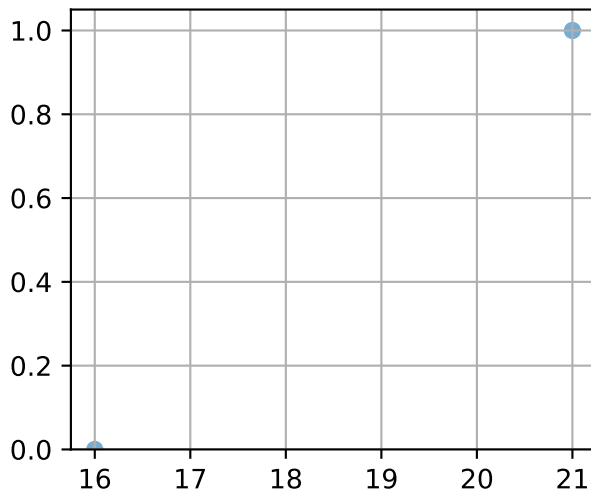
By Plant/Organ Age



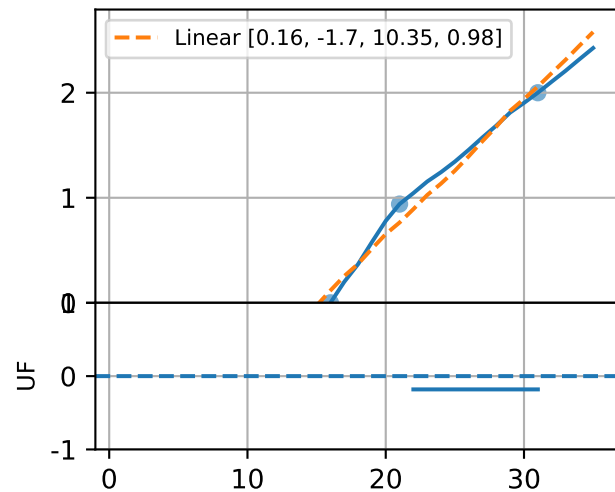
P10AE-063-19



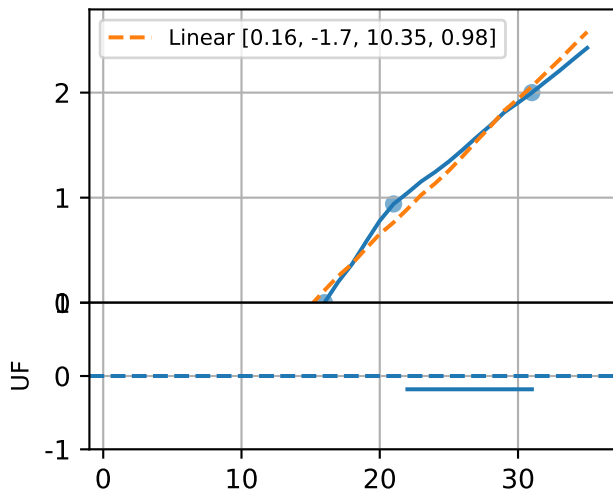
P10AE-075-15 (fit failed)



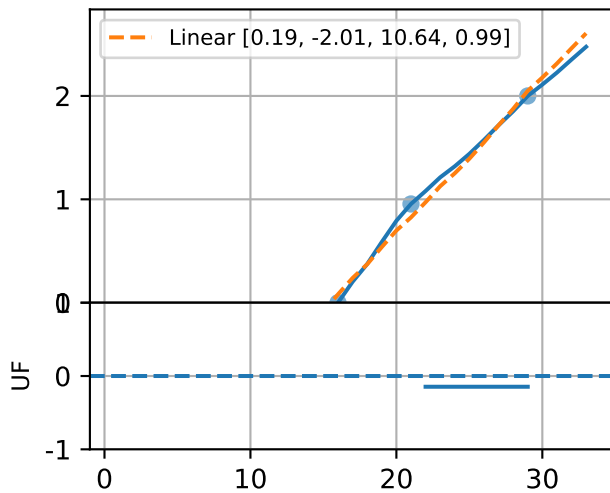
P10AE-089-22



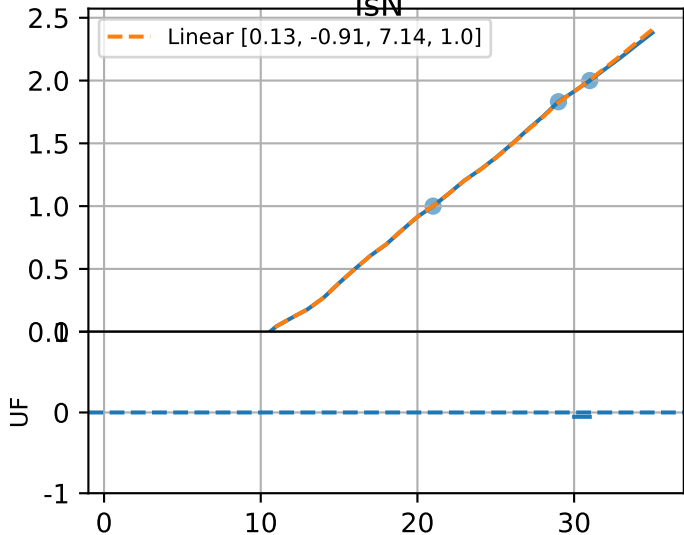
P10AE-103-17

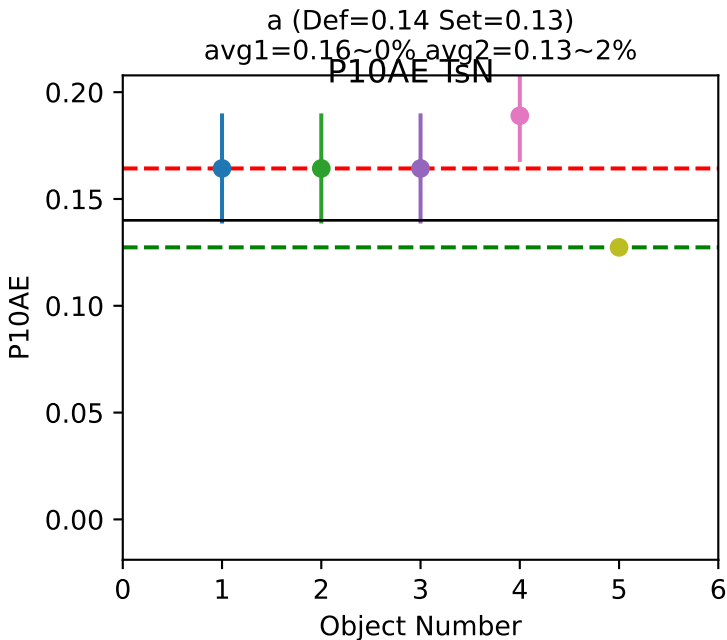


P10AE-116-21



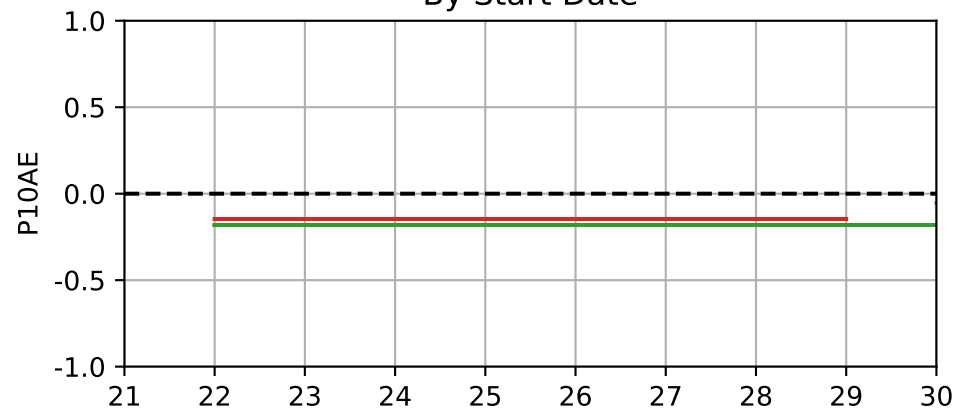
P10AEavg  
TSN



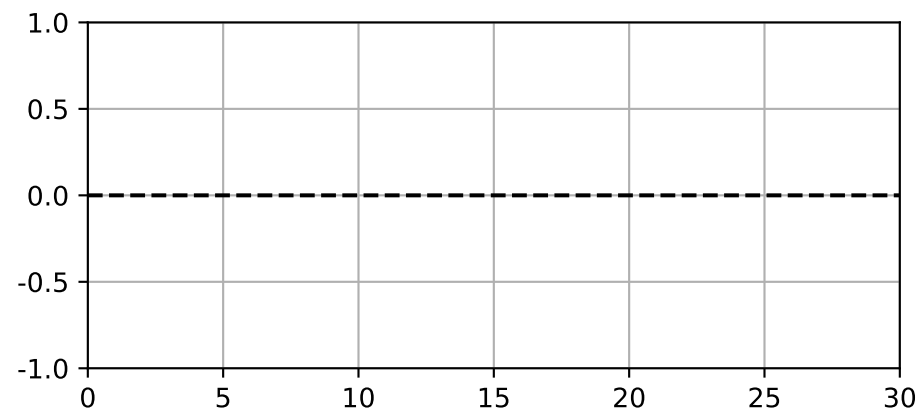
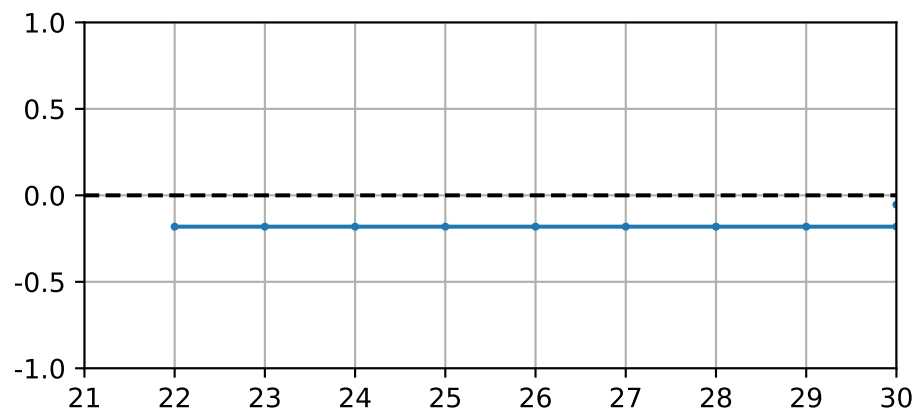
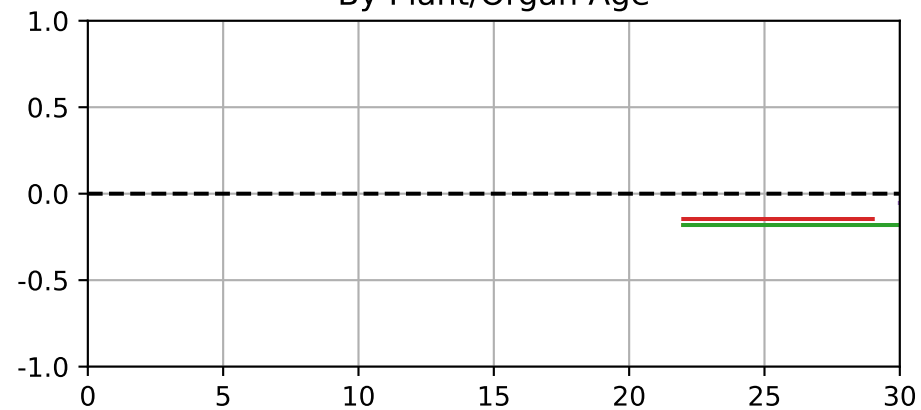


TsN

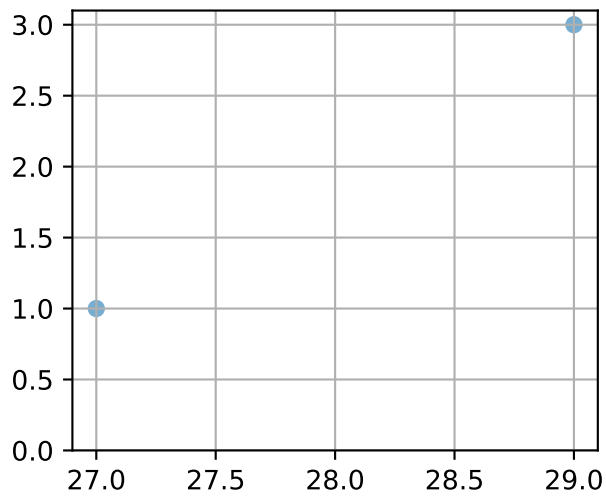
By Start Date



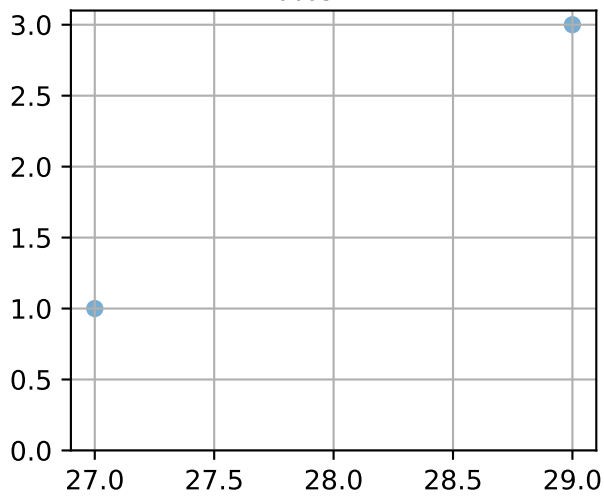
By Plant/Organ Age



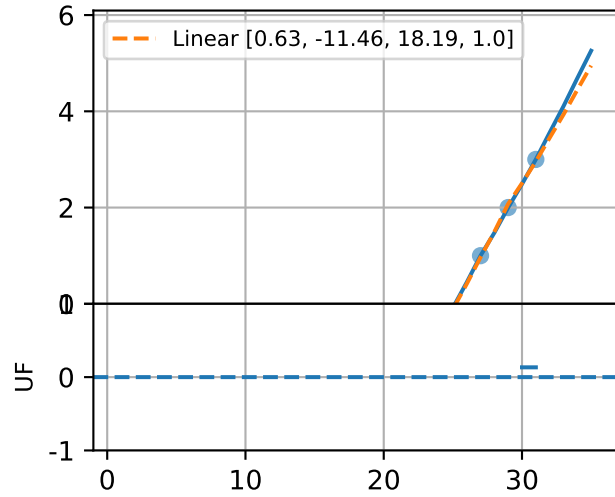
P10AE-063-19T1 (fit failed)



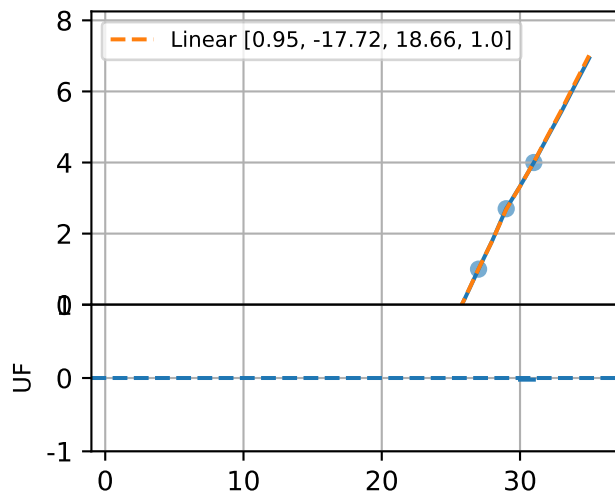
P10AE-076-5T1 (fit failed)



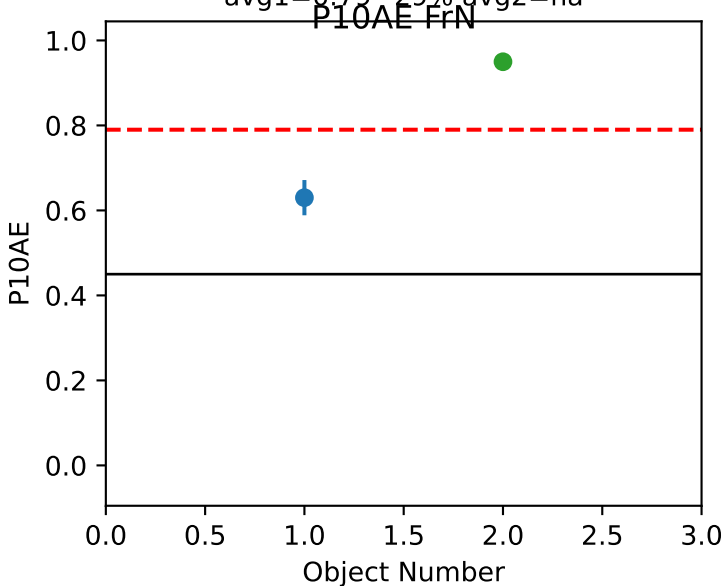
P10AE-103-17T1



P10AE-116-21T1

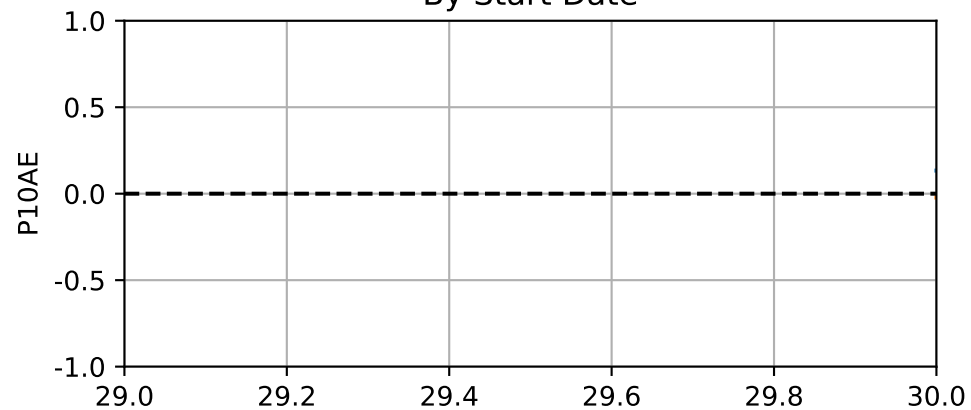


a (Def=0.45 Set=0.45)  
avg1=0.79~29% avg2=na

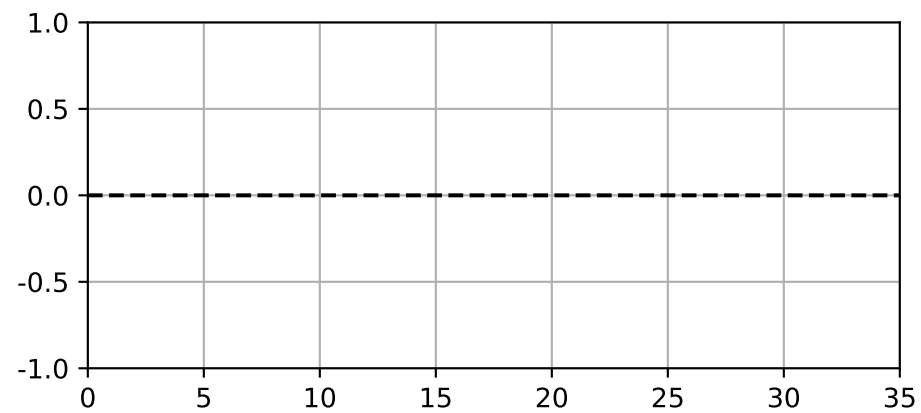
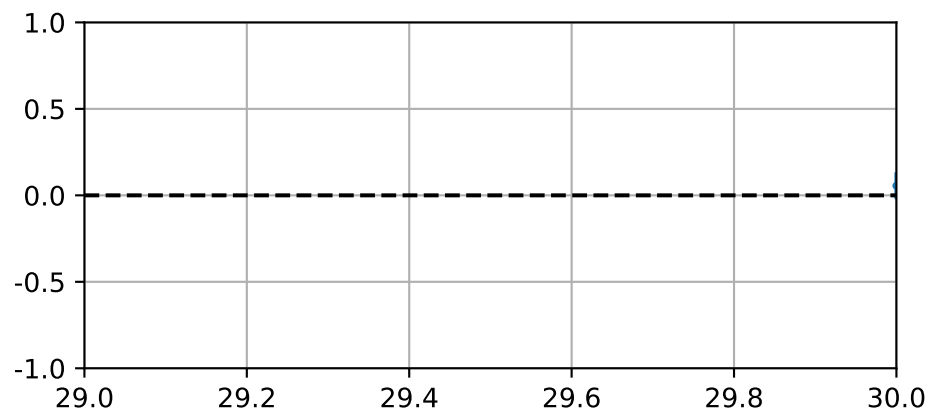
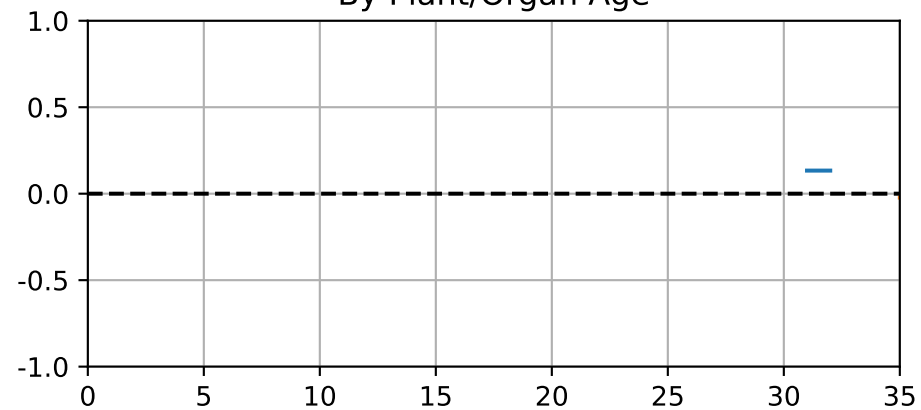


FrN

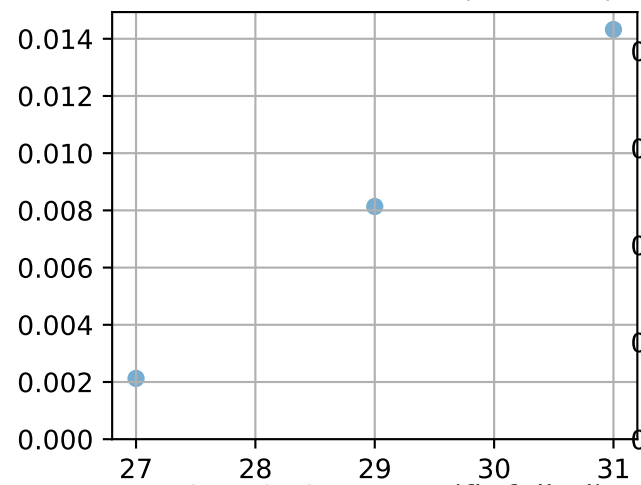
By Start Date



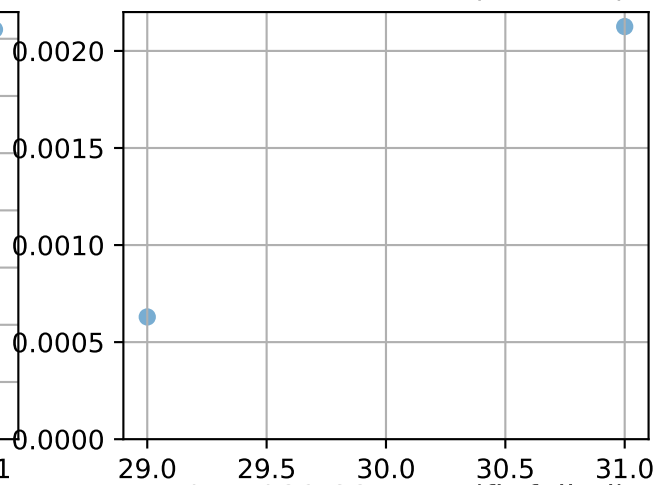
By Plant/Organ Age



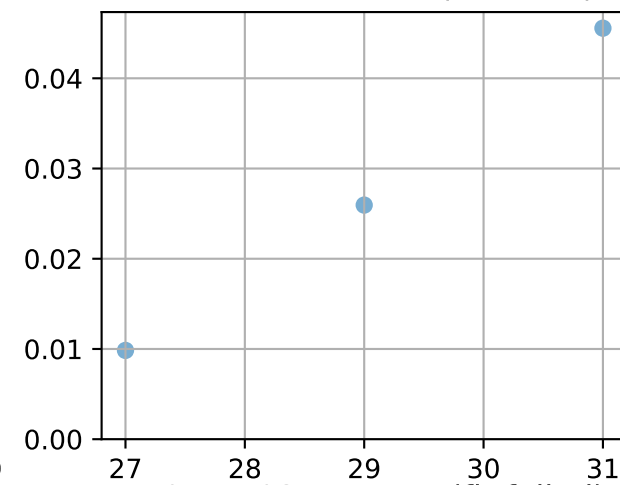
P10AE-063-19T1Fr1 (fit failed)



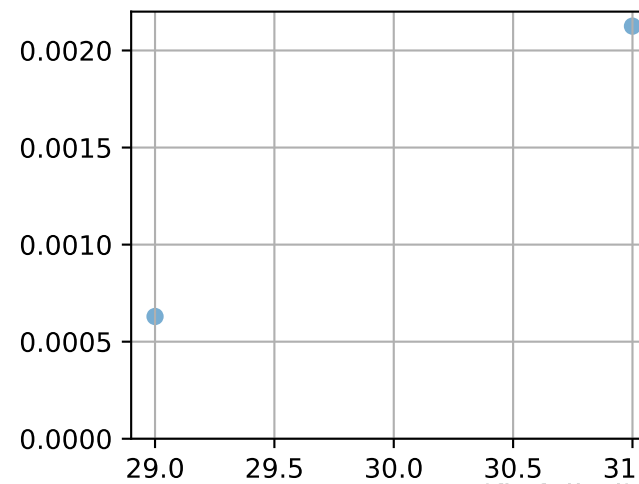
P10AE-063-19T1Fr5 (fit failed)



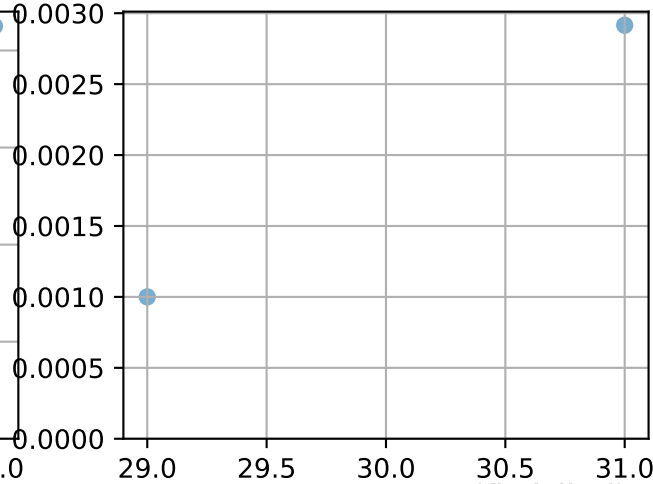
P10AE-076-5T1Fr1 (fit failed)



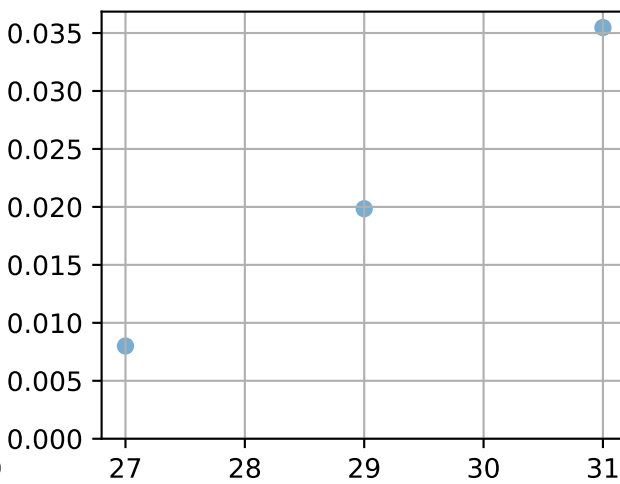
P10AE-076-5T1Fr5 (fit failed)



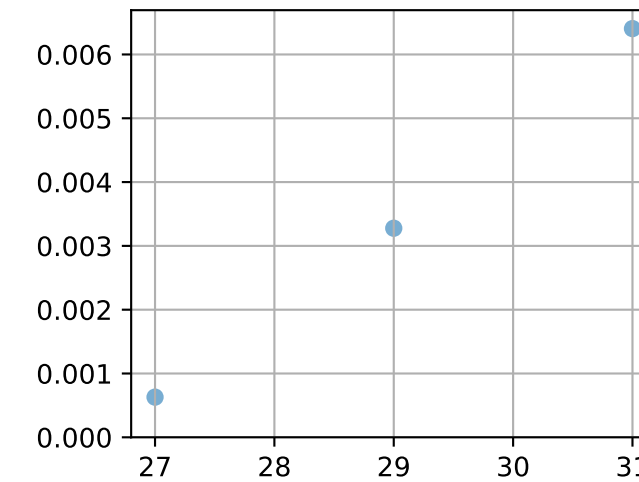
P10AE-089-22T1Fr1 (fit failed)



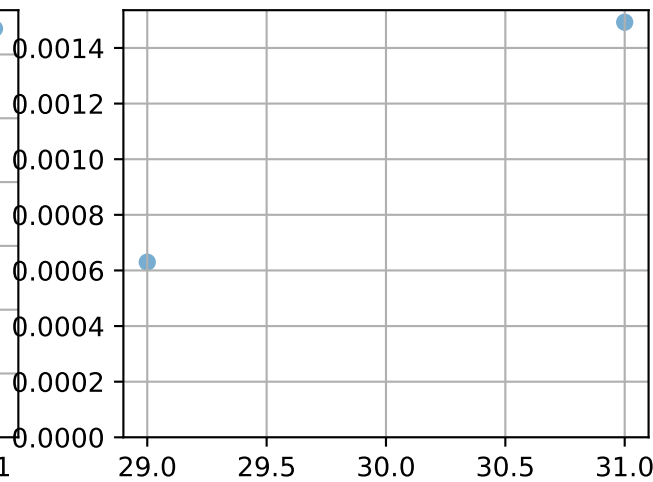
P10AE-103-17T1Fr1 (fit failed)



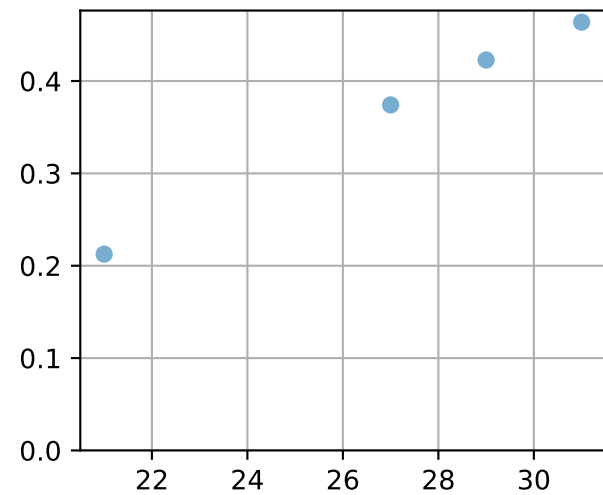
P10AE-116-21T1Fr1 (fit failed)



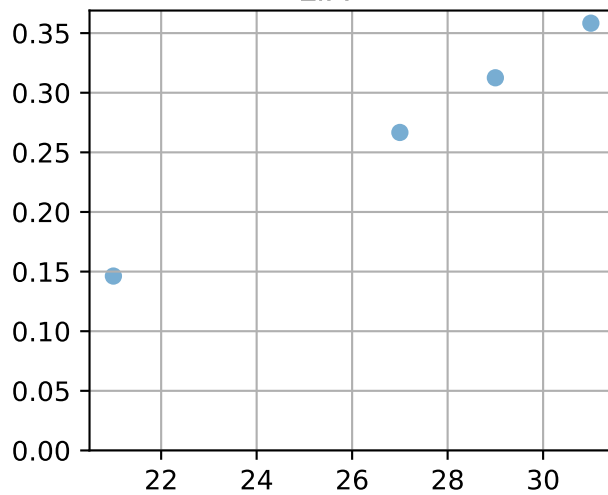
P10AE-116-21T1Fr5 (fit failed)



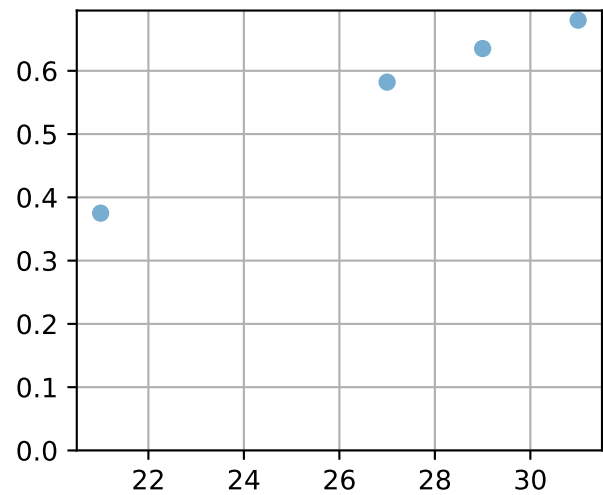
P10AE-063-19L6 (fit failed)



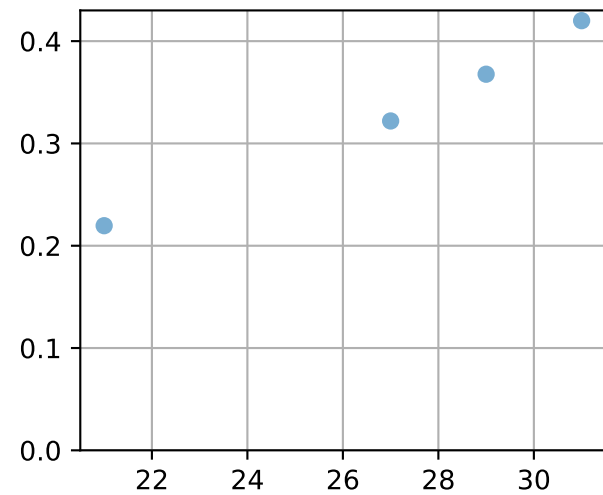
P10AE-076-5L7 (fit failed)



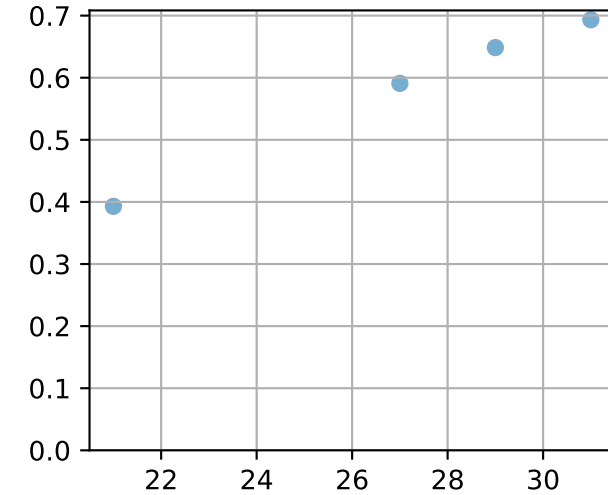
P10AE-089-22L7 (fit failed)



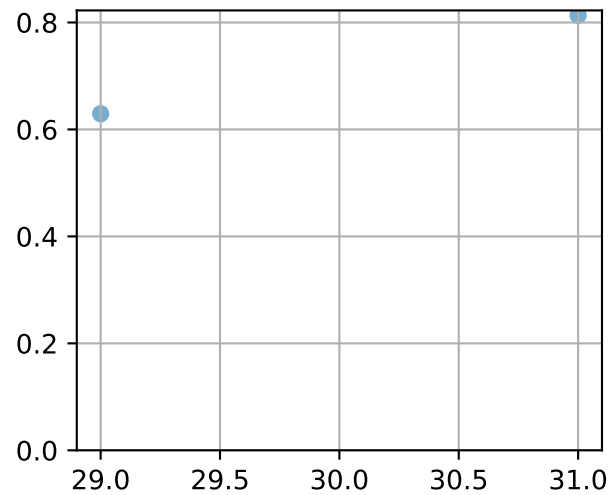
P10AE-103-17L7 (fit failed)

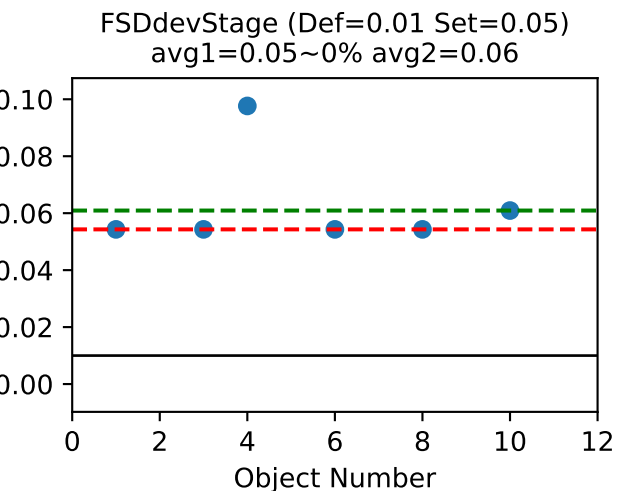
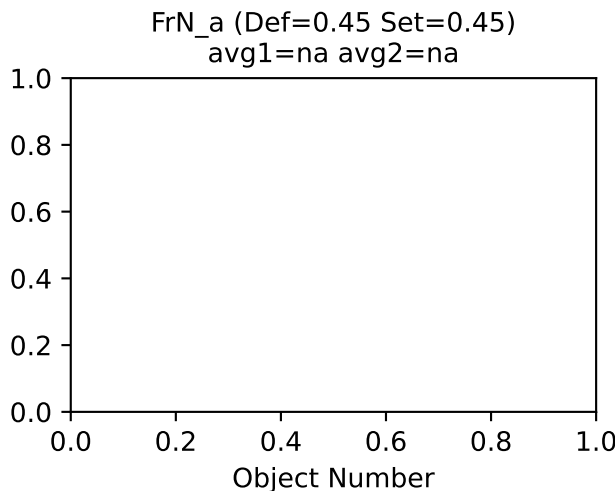
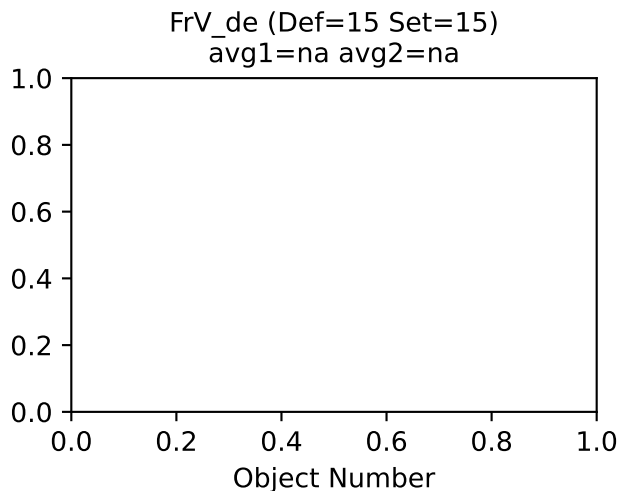
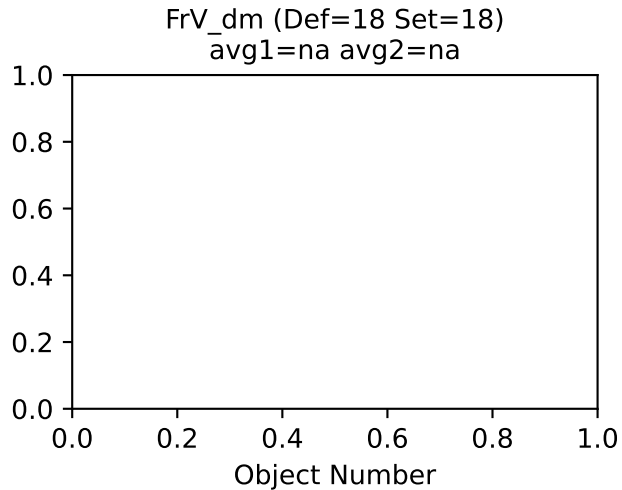
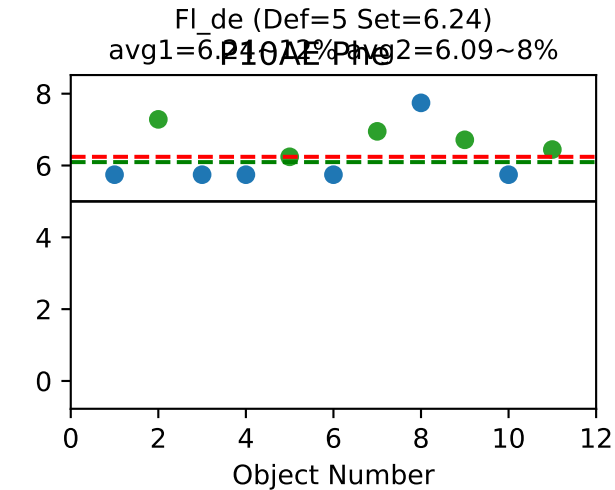
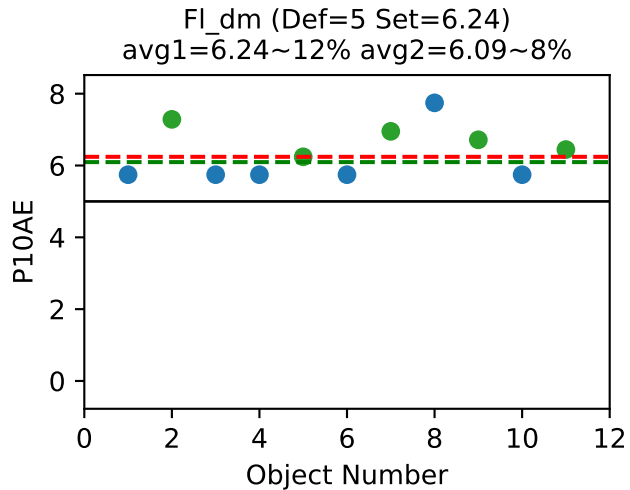


P10AE-116-21L6 (fit failed)

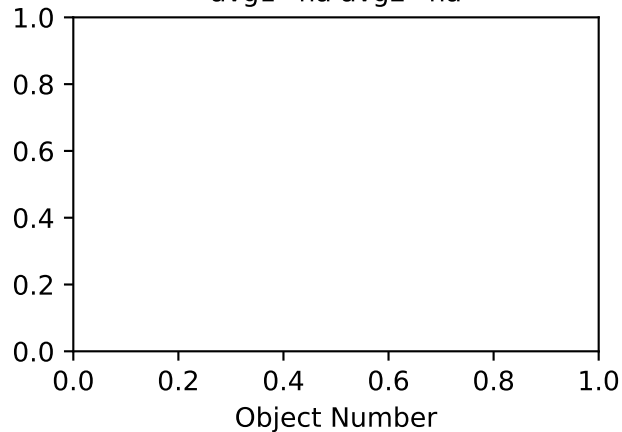


P10AE-116-21L9 (fit failed)

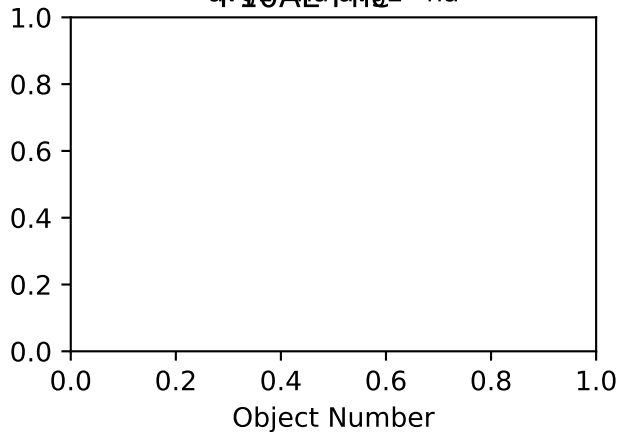




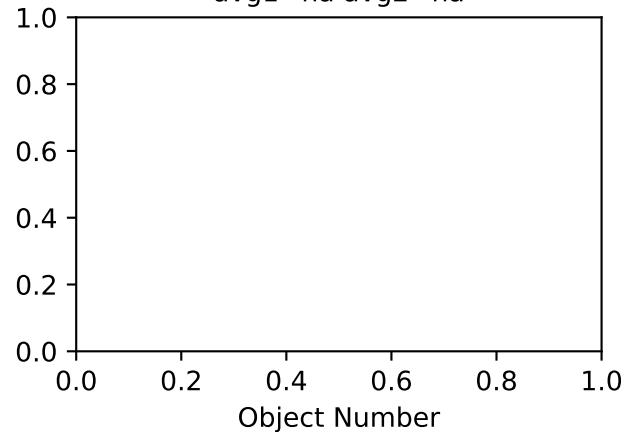
FGDdevStage (Def=0.7 Set=0.7)  
avg1=na avg2=na



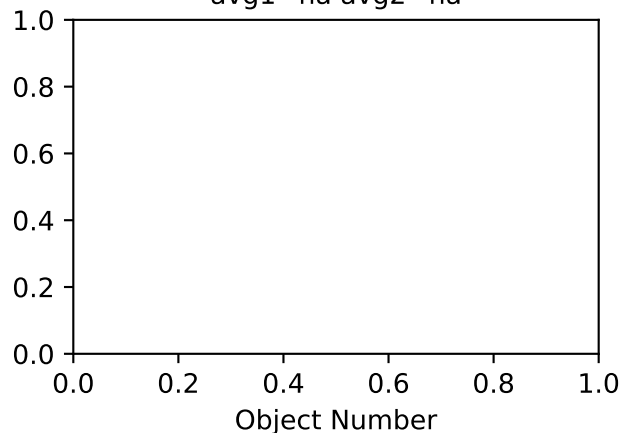
FMBDdevStage (Def=1.3 Set=1.3)  
avg1=na avg2=na



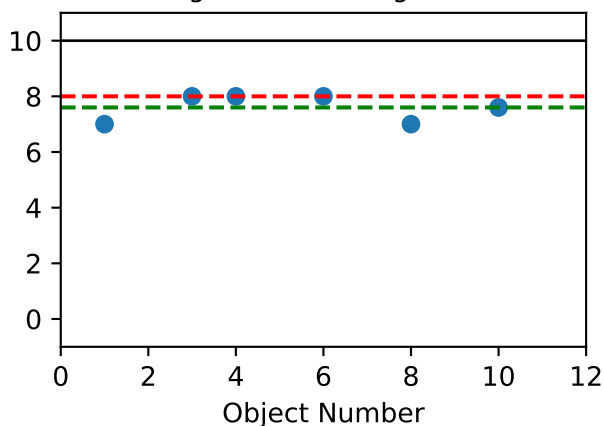
FMEDdevStage (Def=1.8 Set=1.8)  
avg1=na avg2=na



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

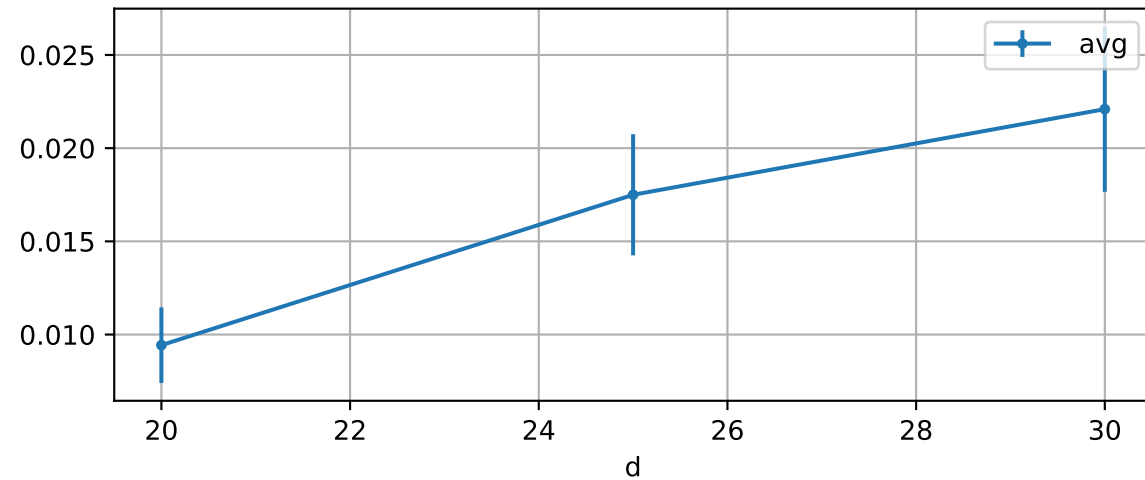


NNgen (Def=10 Set=8)  
avg1=8.0~7% avg2=7.6

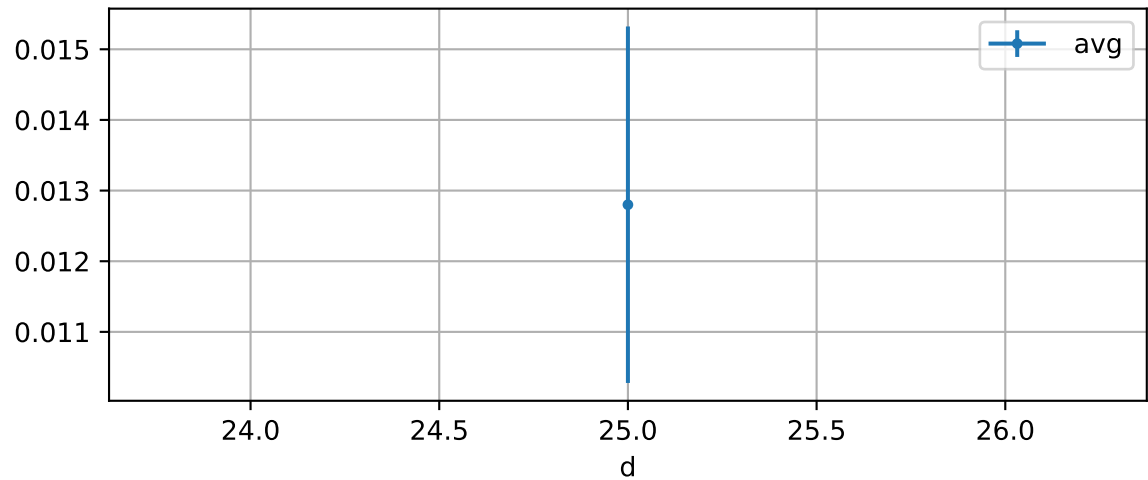


LfA: avg vs. d at each age group

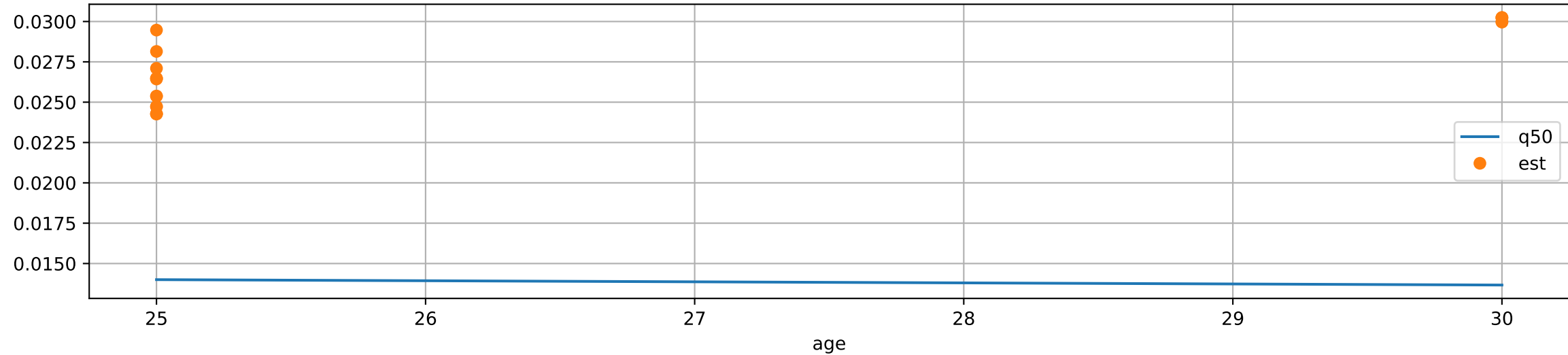
age=25



age=30

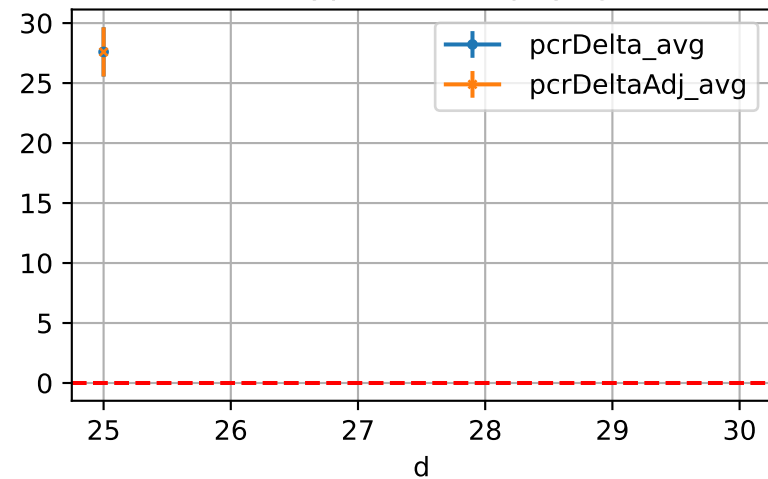


LfA: model est vs obsOv@Q50

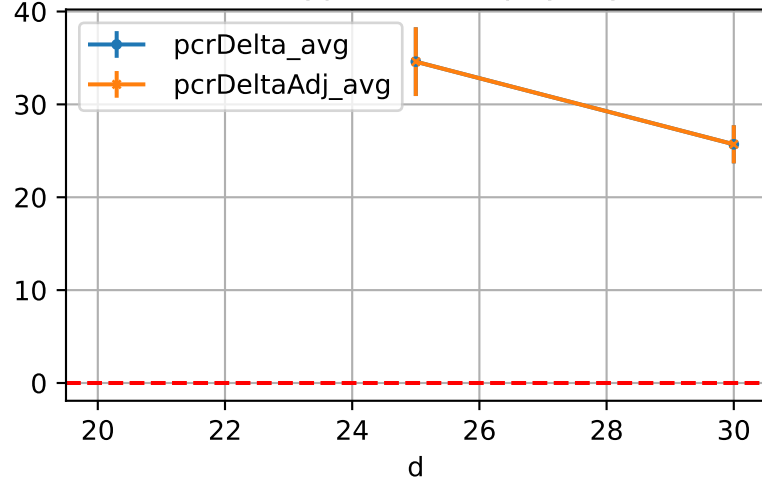


# P10AE LfA: D\_5d\_LfA

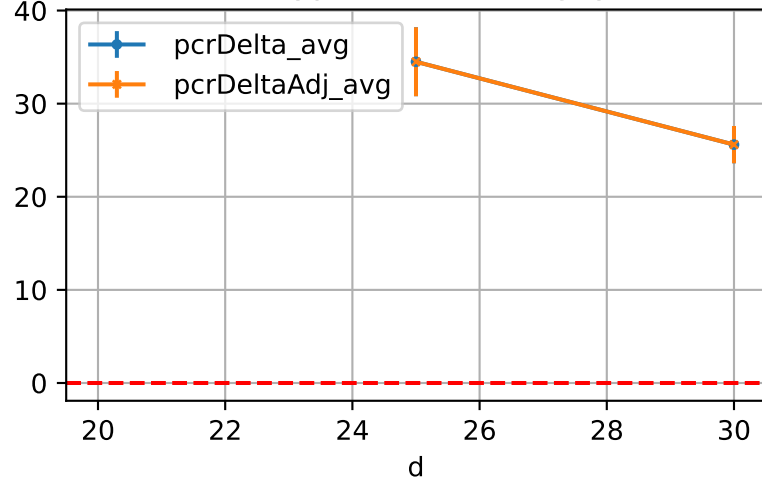
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

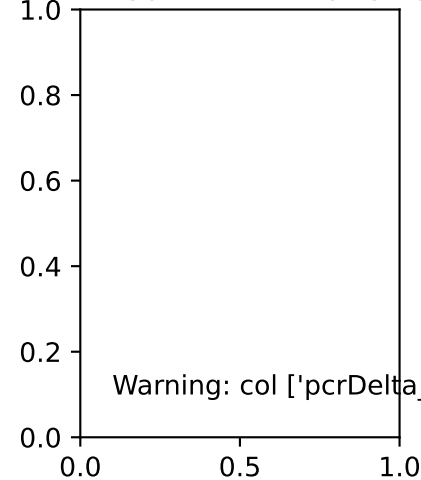


DeltaTypeAbbr=WeiAvgByD

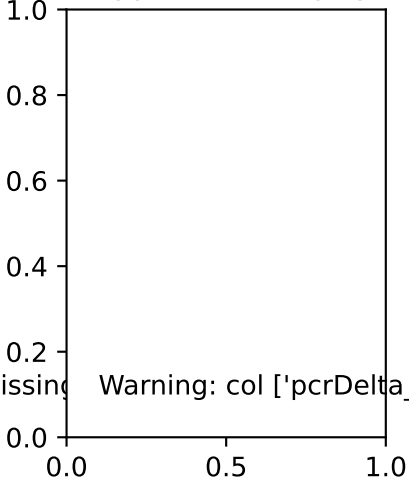


# P10AE LfA: D\_15d\_LfA

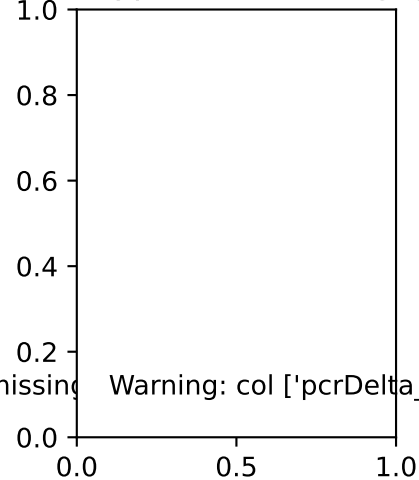
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

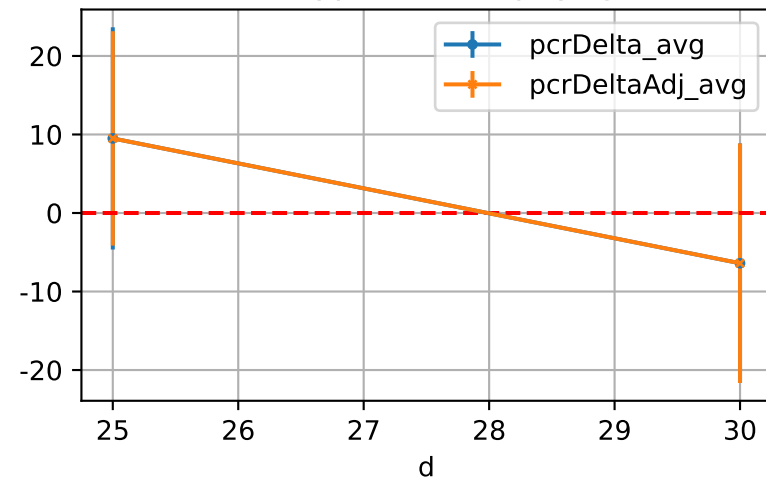


DeltaTypeAbbr=WeiAvgByD

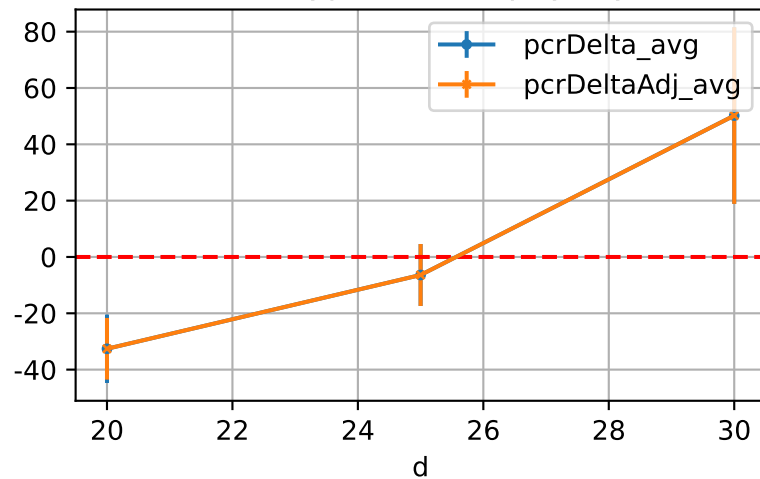


# P10AE LfA: D\_Q50\_LfA

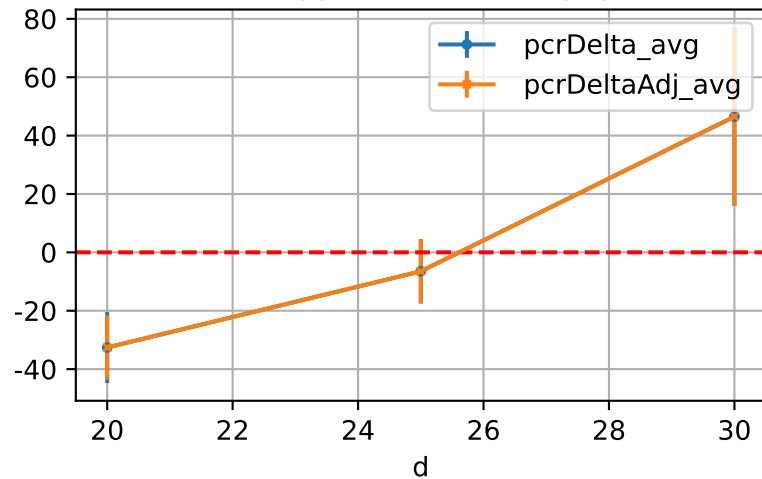
## DeltaTypeAbbr=GrpByAge



## DeltaTypeAbbr=GrpByDay



## DeltaTypeAbbr=WeiAvgByD

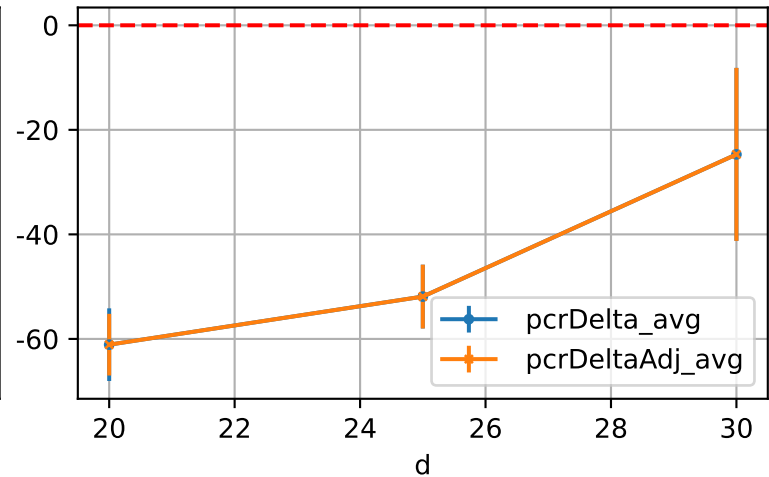
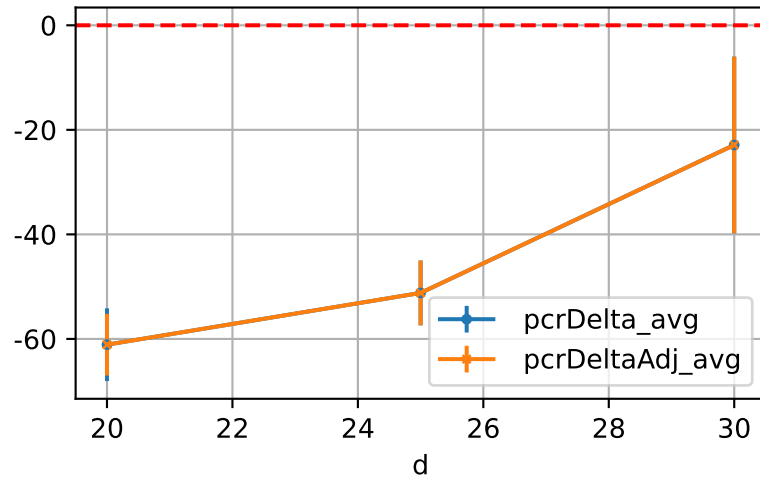
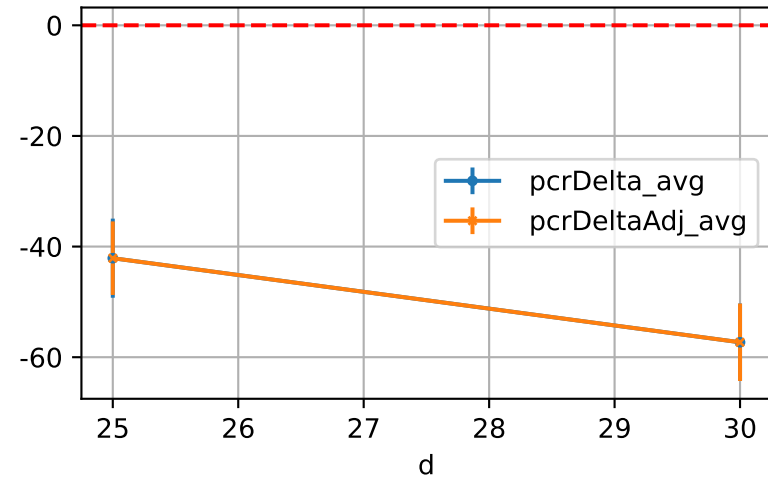


# P10AE LfA: D\_Est\_LfA

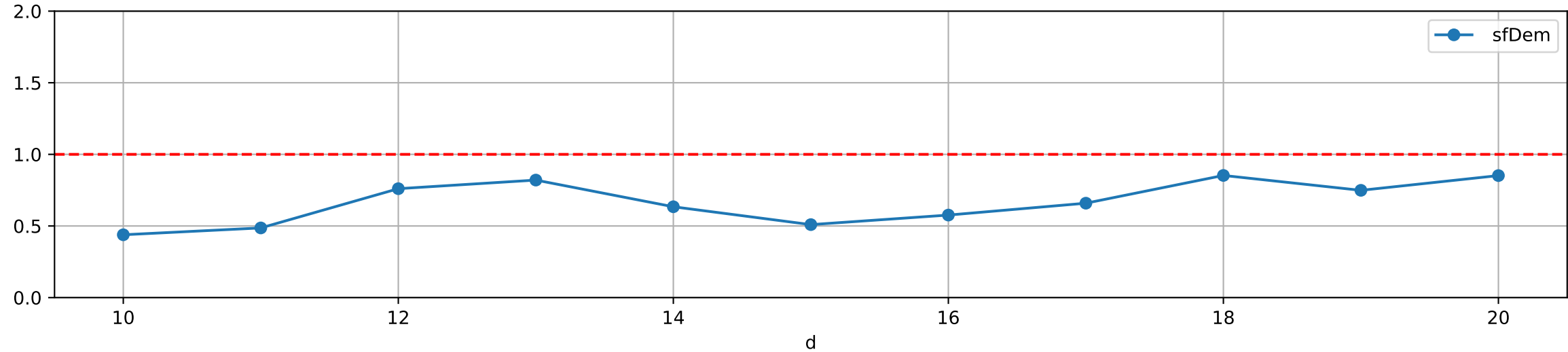
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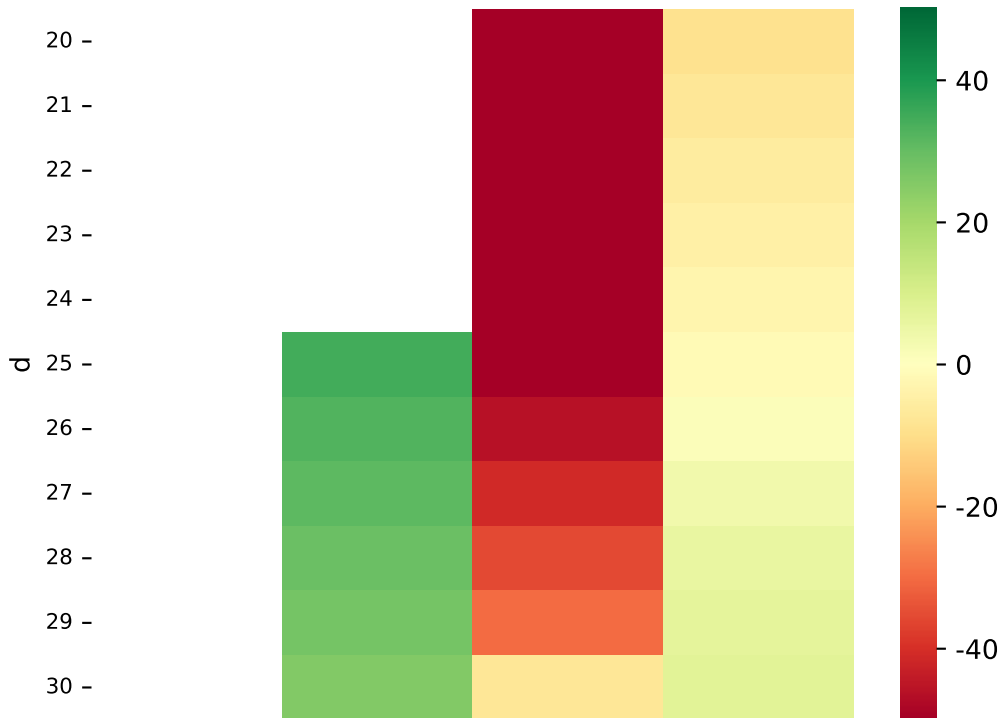
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DeltaTypeAbbr=WeiAvgByD



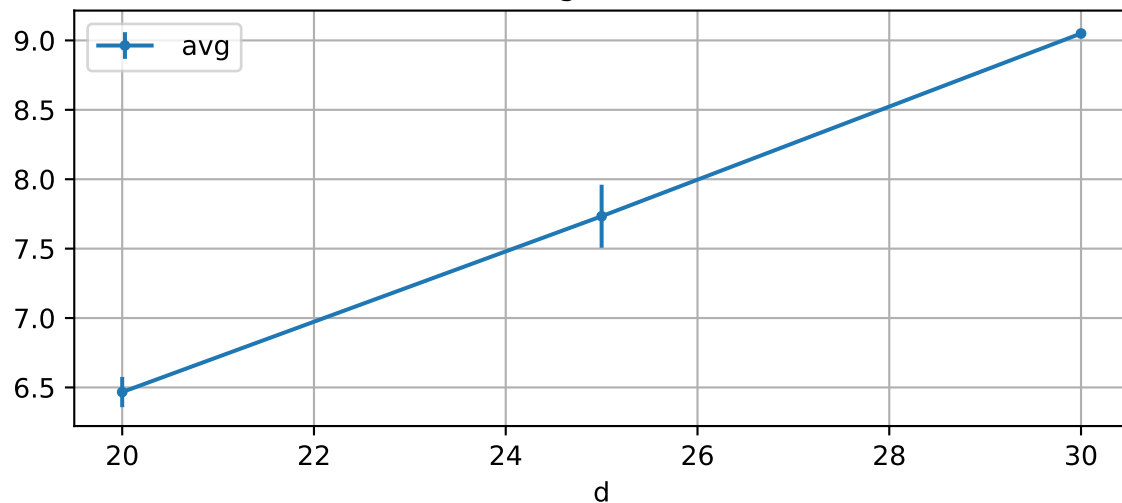
LfA: sfDem



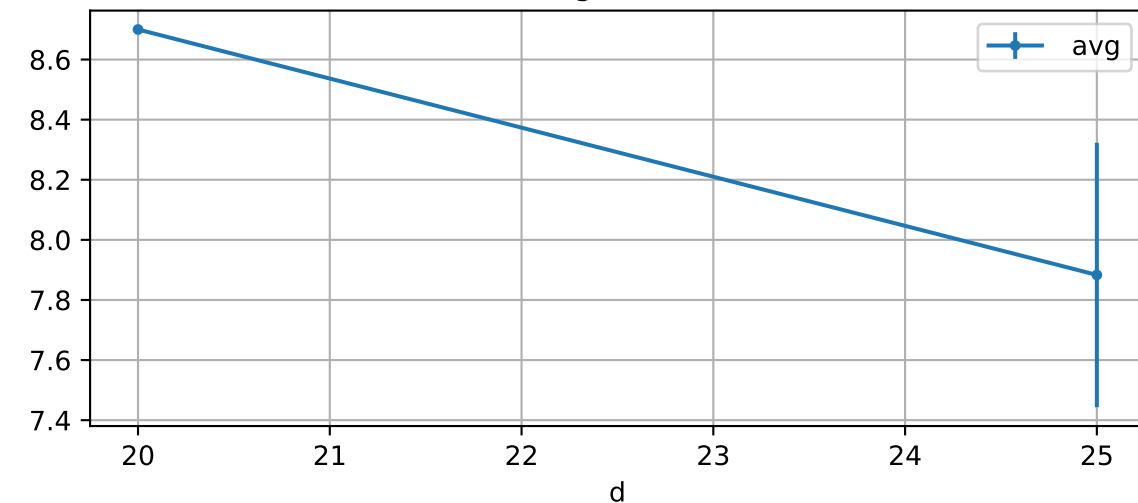


# NdD: avg vs. d at each age group

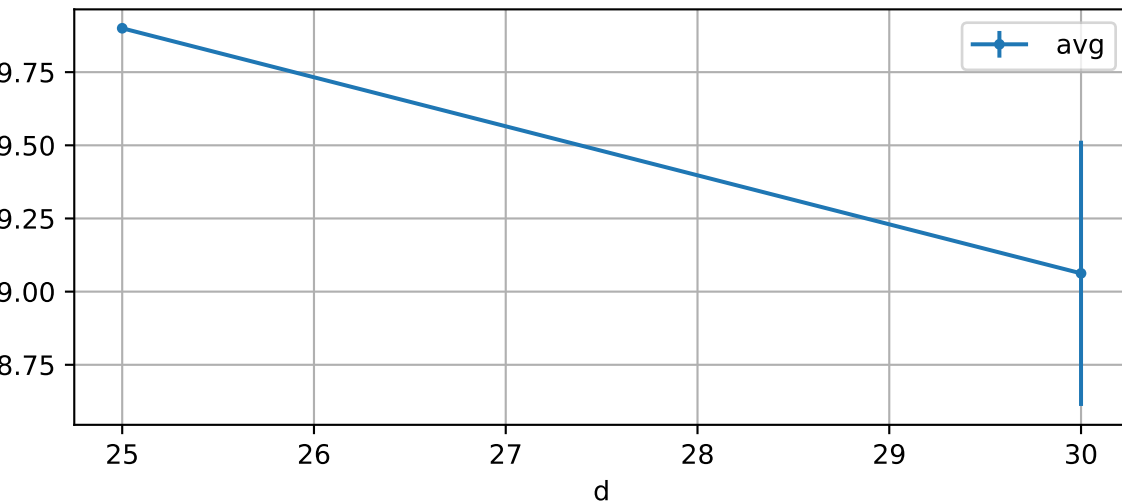
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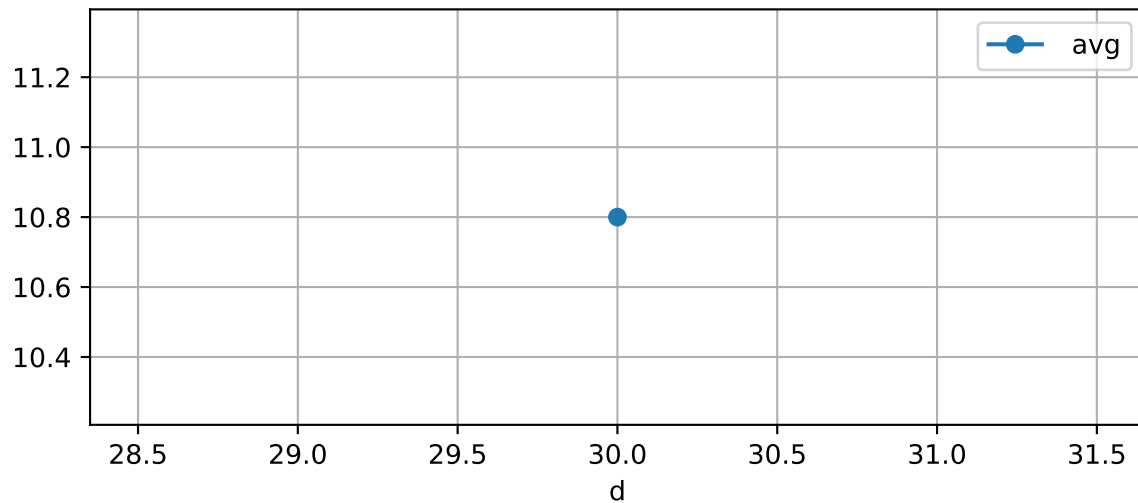
age=25



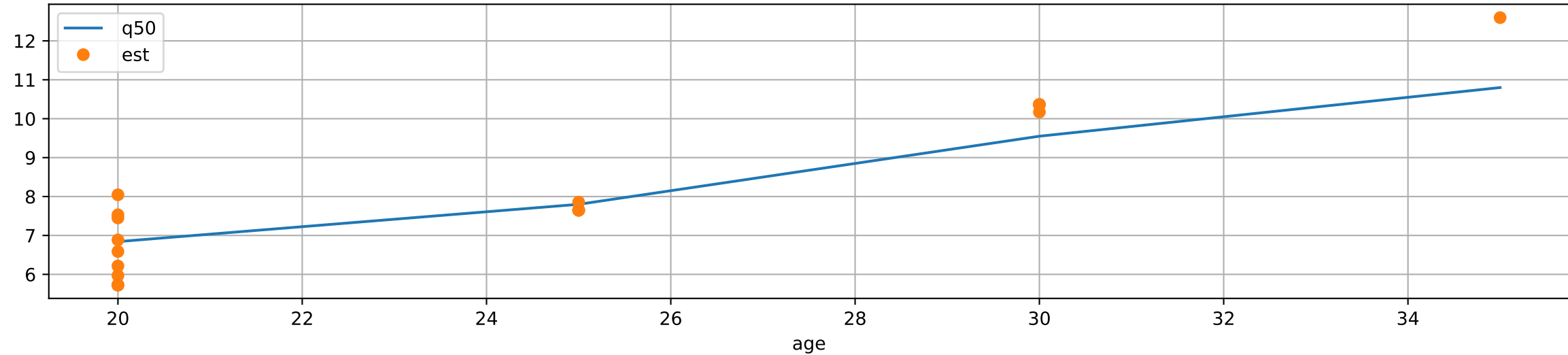
age=30



age=35

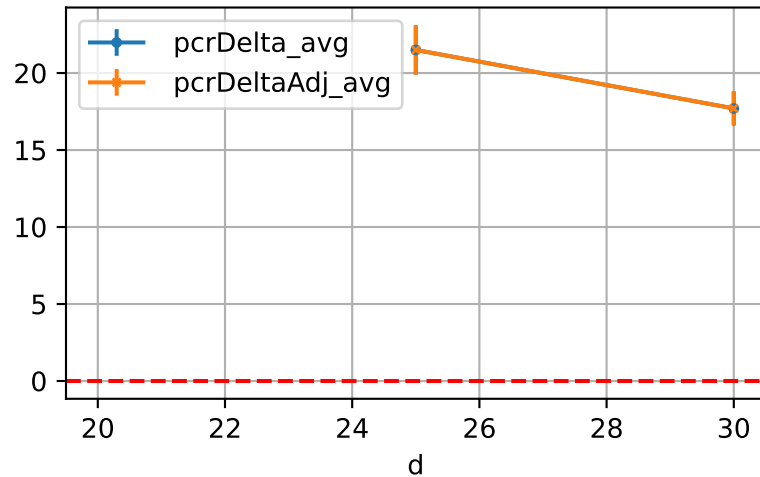


NdD: model est vs obsOv@Q50

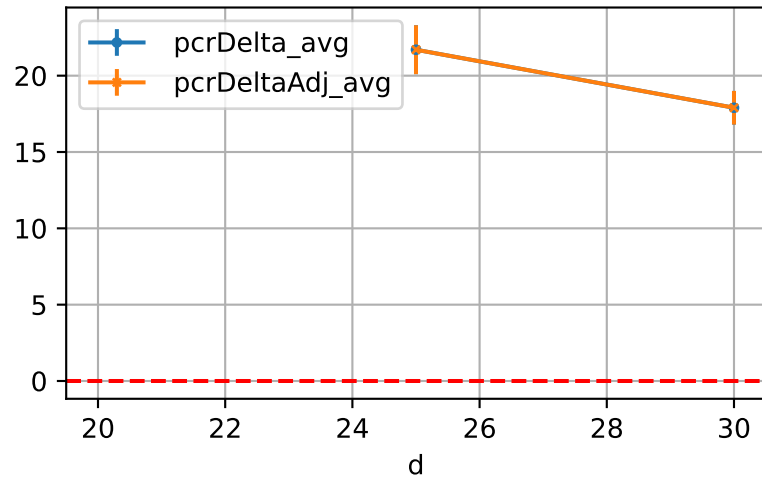


## P10AE NdD: D\_5d\_NdD

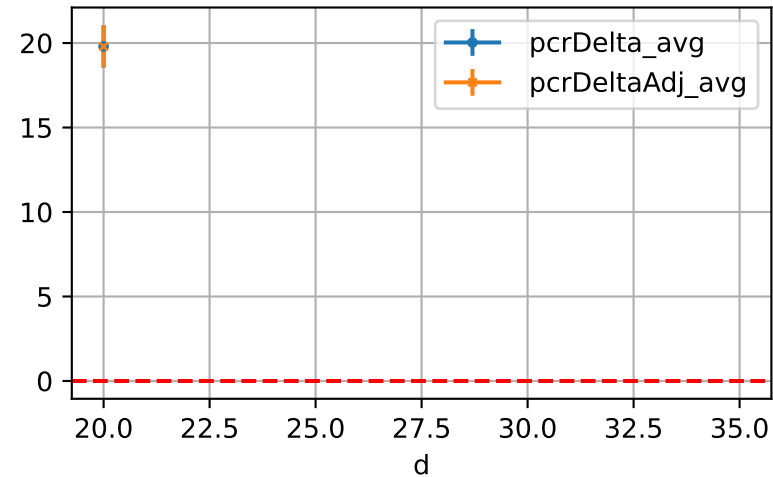
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

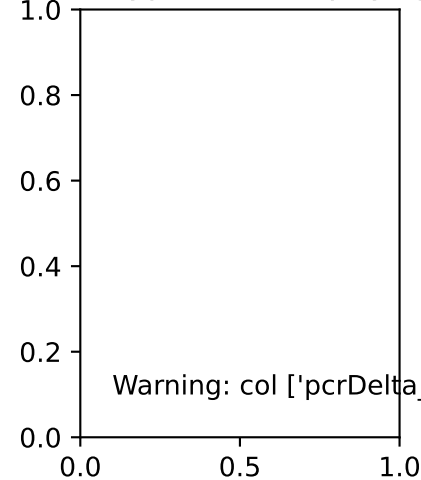


DeltaTypeAbbr=GrpByAge

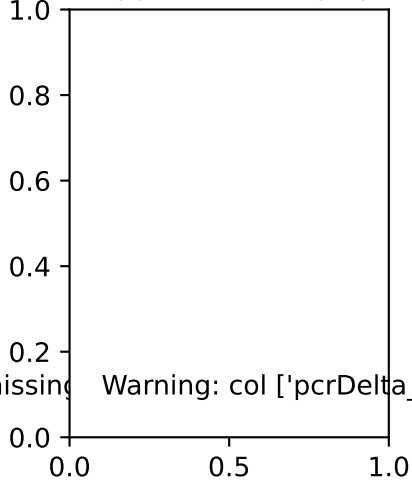


# P10AE NdD: D\_15d\_NdD

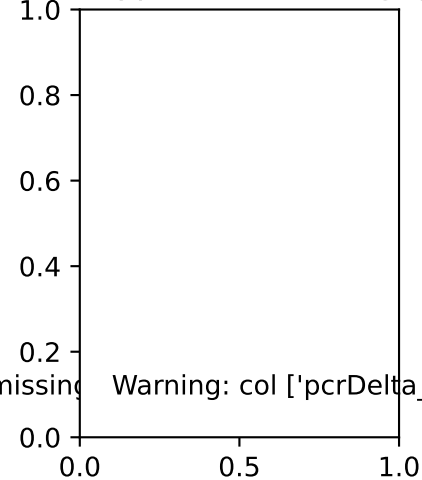
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DeltaTypeAbbr=GrpByDay

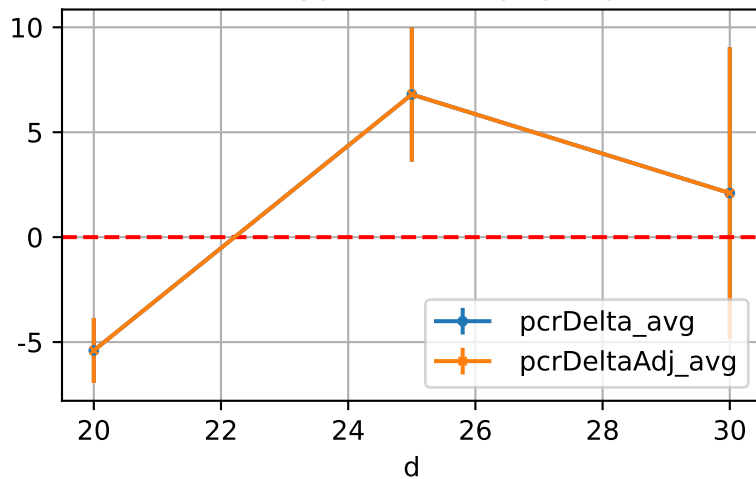
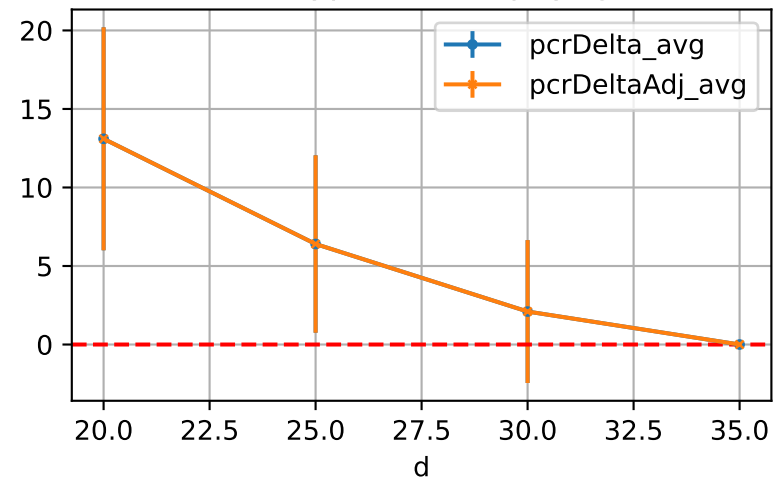


DeltaTypeAbbr=WeiAvgByD

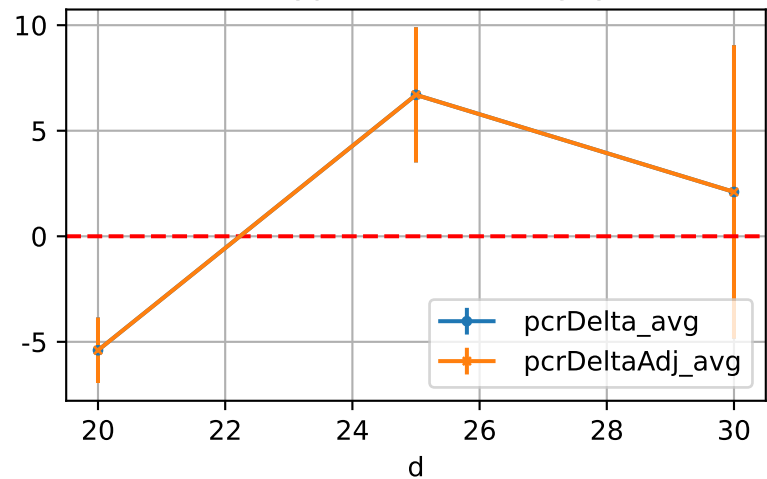


P10AE NdD: D\_Q50\_NdD

DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

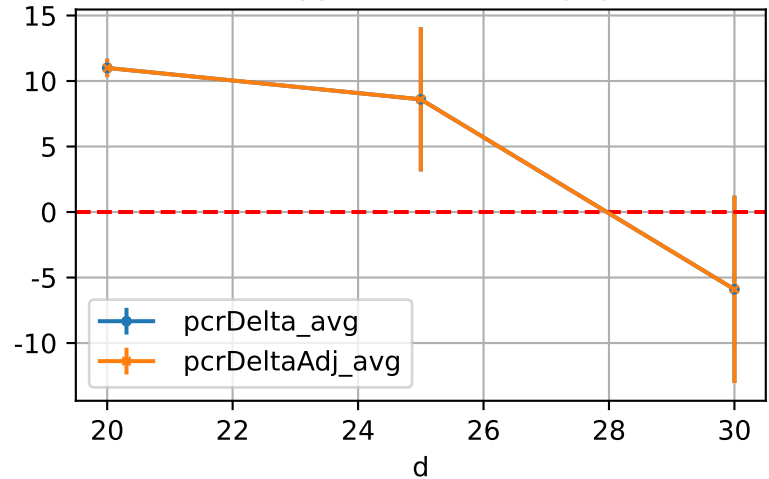
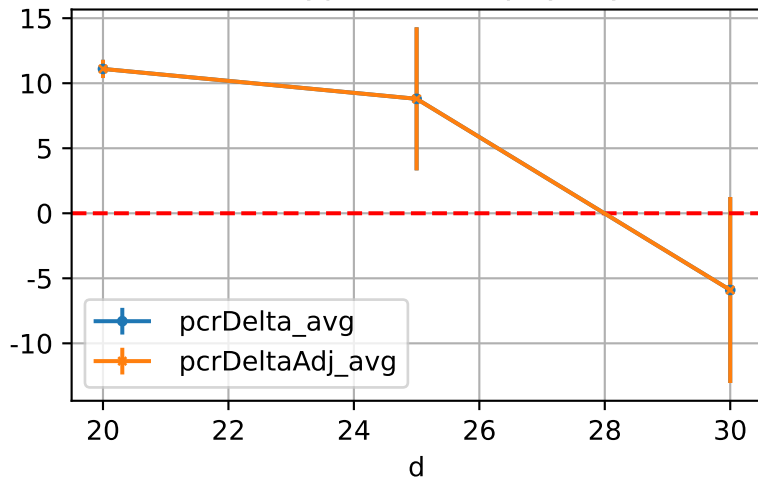
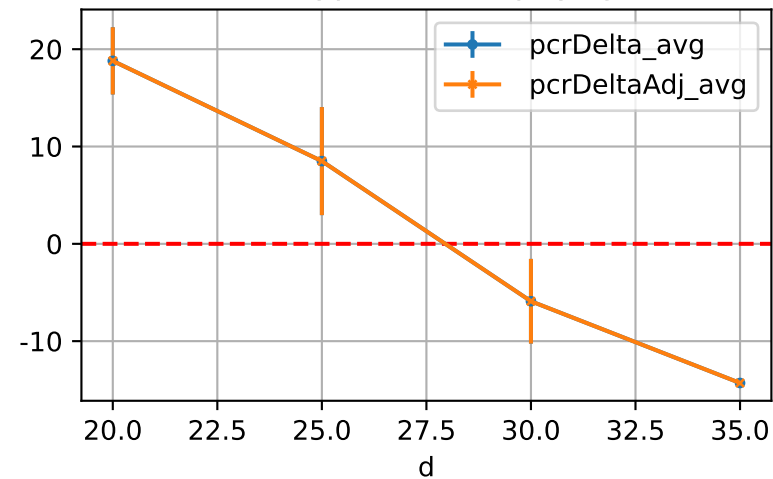


# P10AE NdD: D\_Est\_NdD

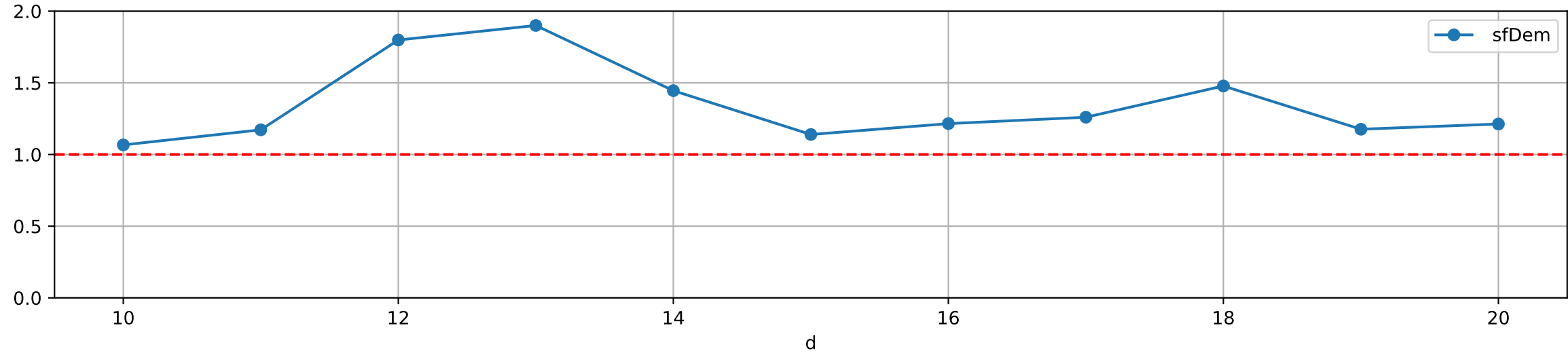
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DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

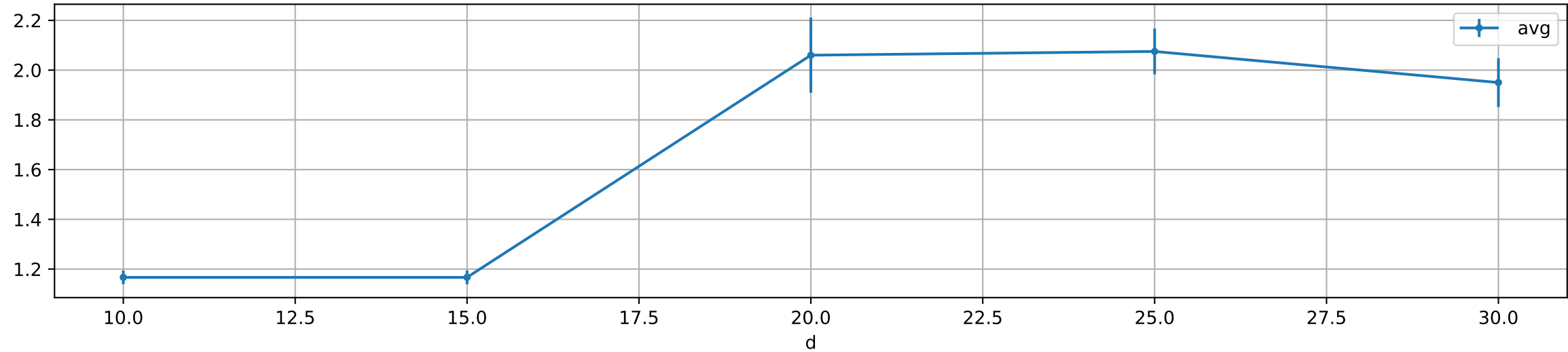


NdD: sfDem

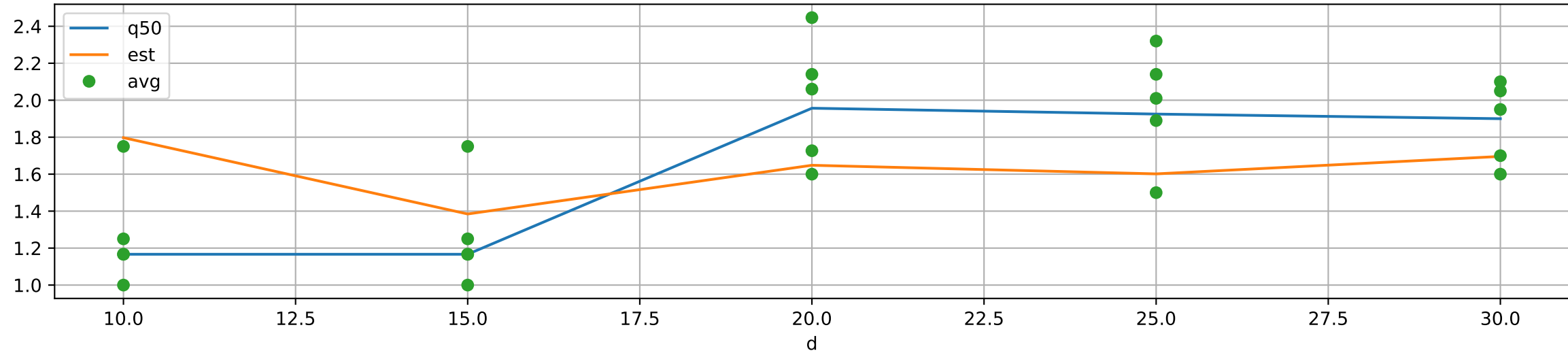




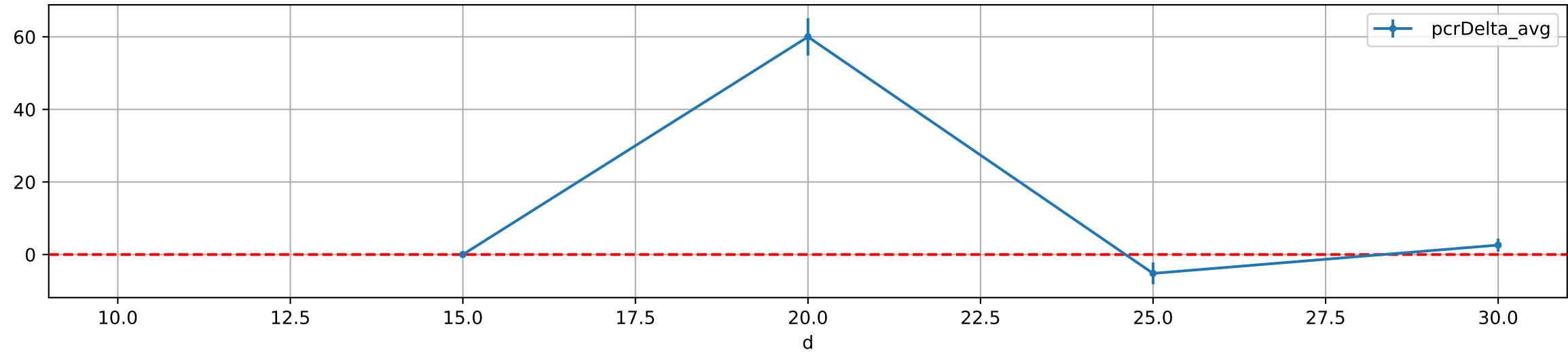
dStH: avg vs. d



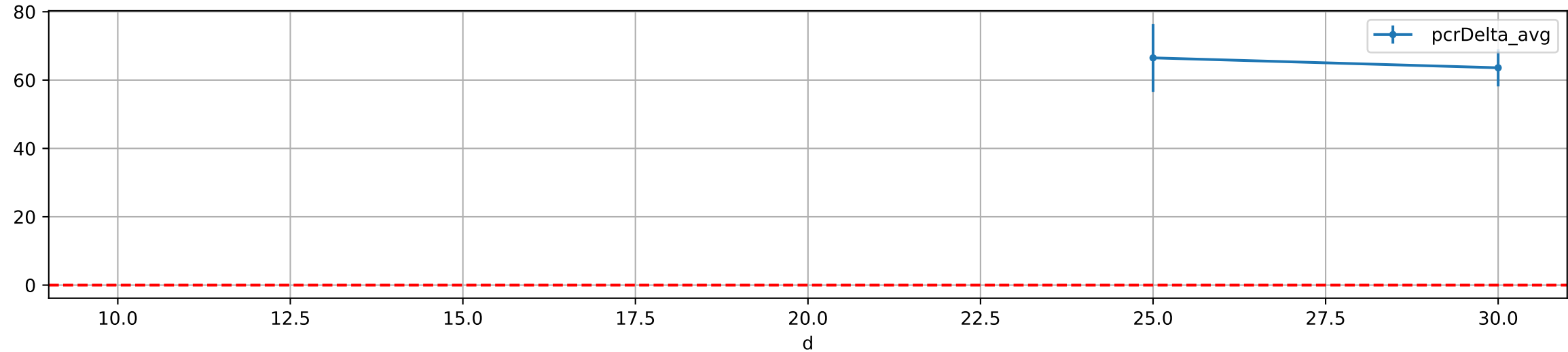
dStH: obsAvg vs obsOv@Q50



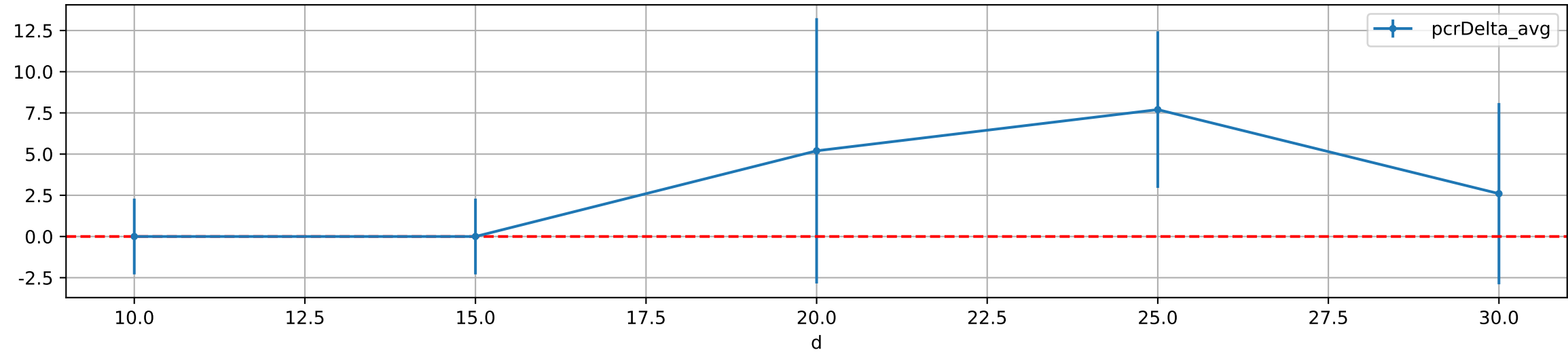
dStH: D\_5d\_StH



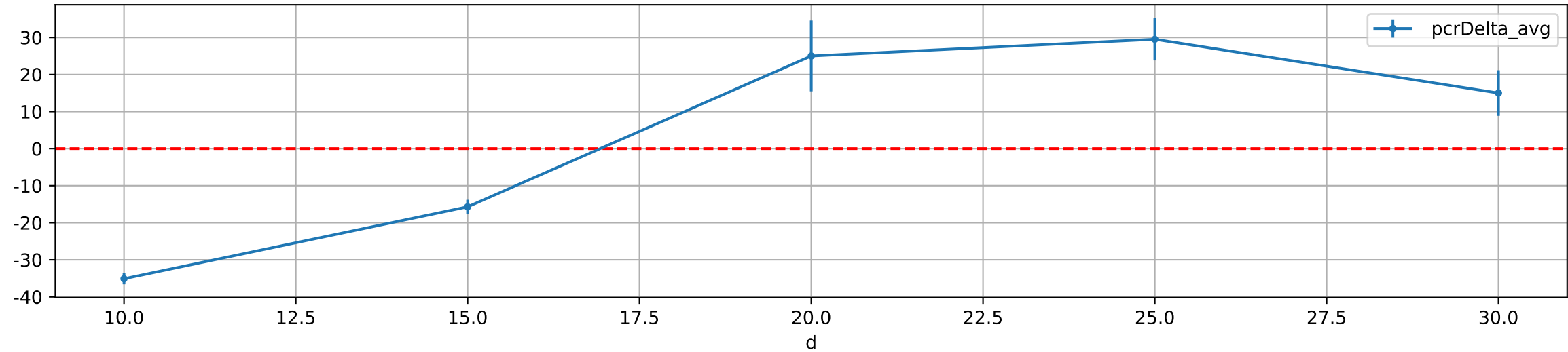
dStH: D\_15d\_StH



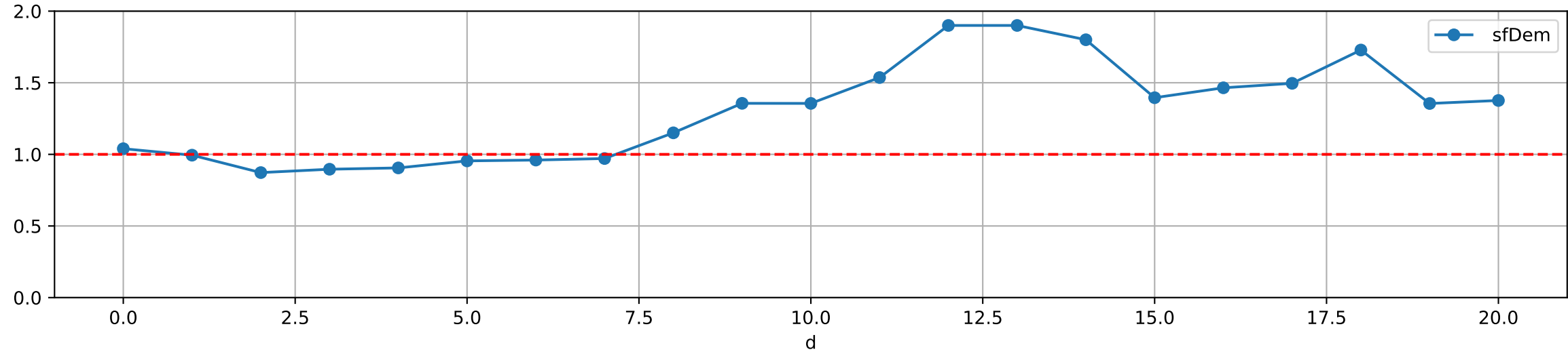
dStH: D\_Q50\_StH



dStH: D\_Est\_StH

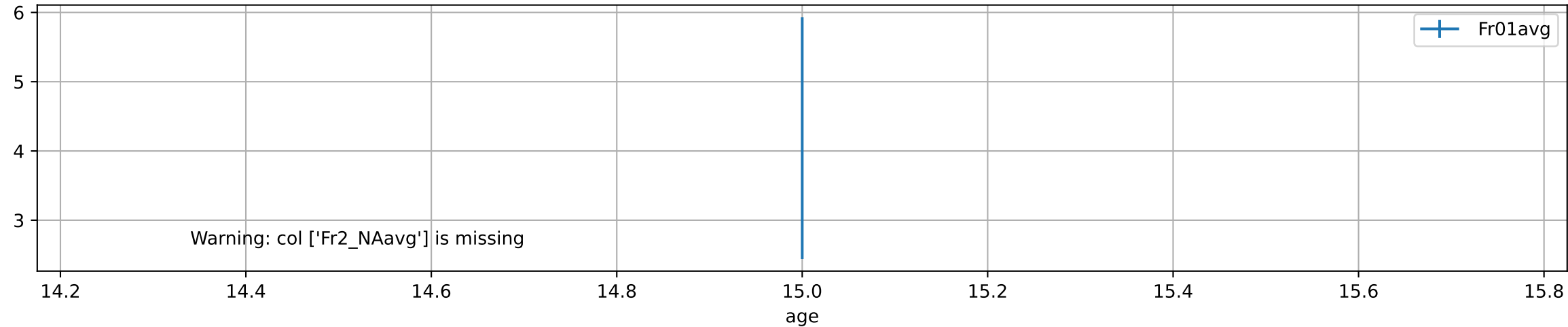


dStH: sfDem



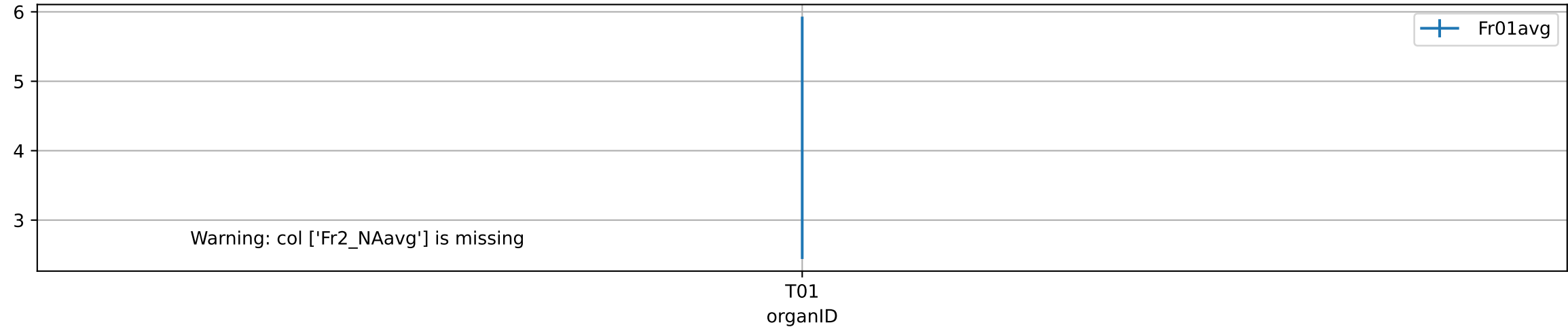


FrV: Fr01 vs Fr2\_NA at each truss  
organID=T01

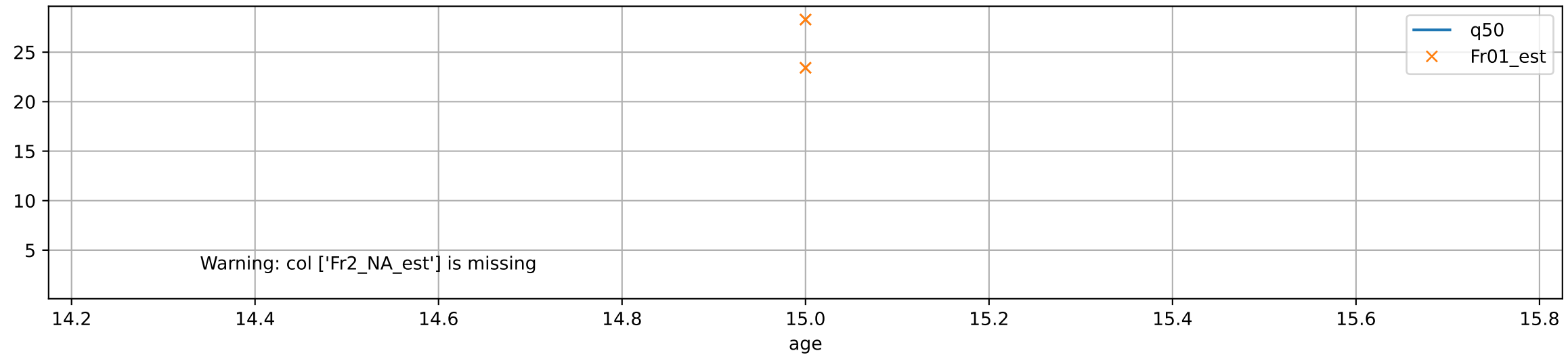


# FrV trend at each age

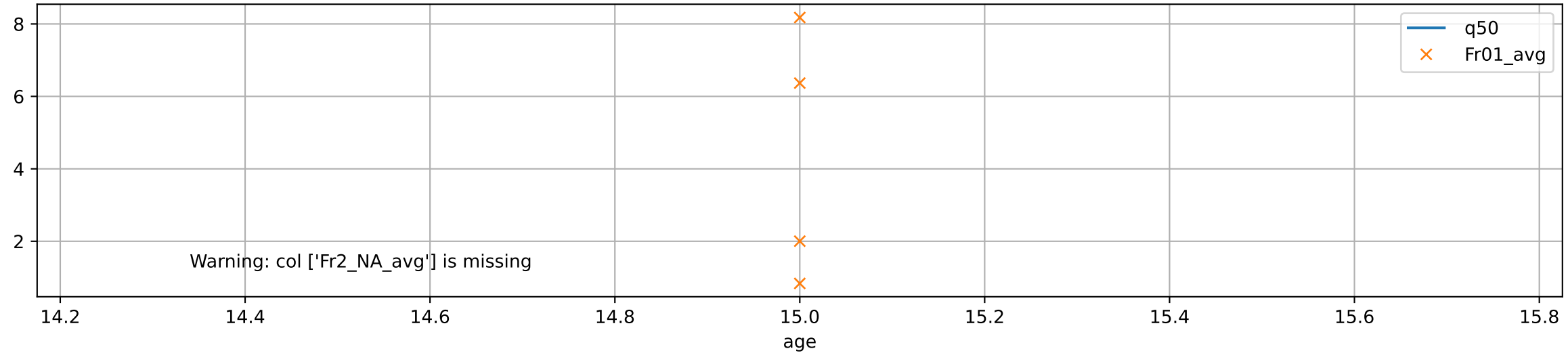
age=15



FrV: model Est vs obsFrV at Q90



FrV: obsFrV vs obsFrV@Q90



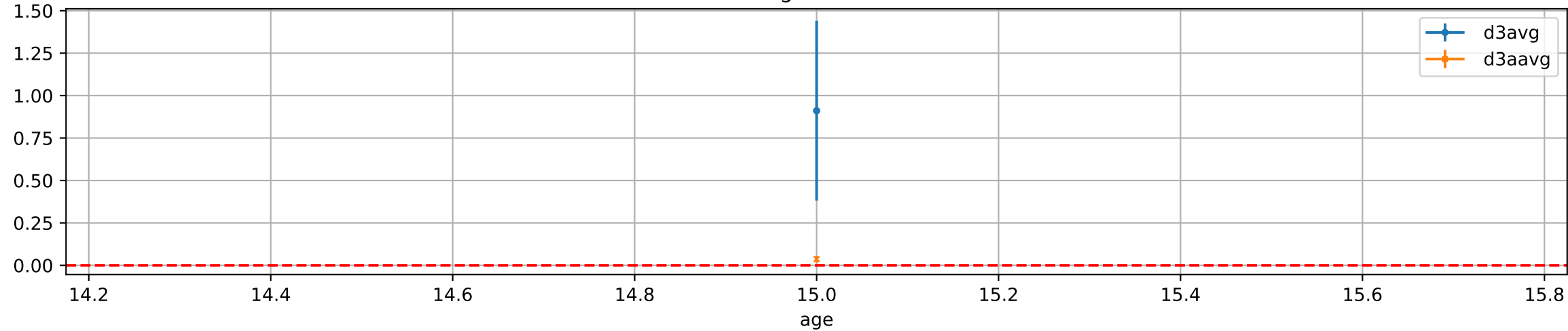
FrV: D\_Fr1\_FrV  
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Warning: col ['d1avg', 'd1aavg'] missing

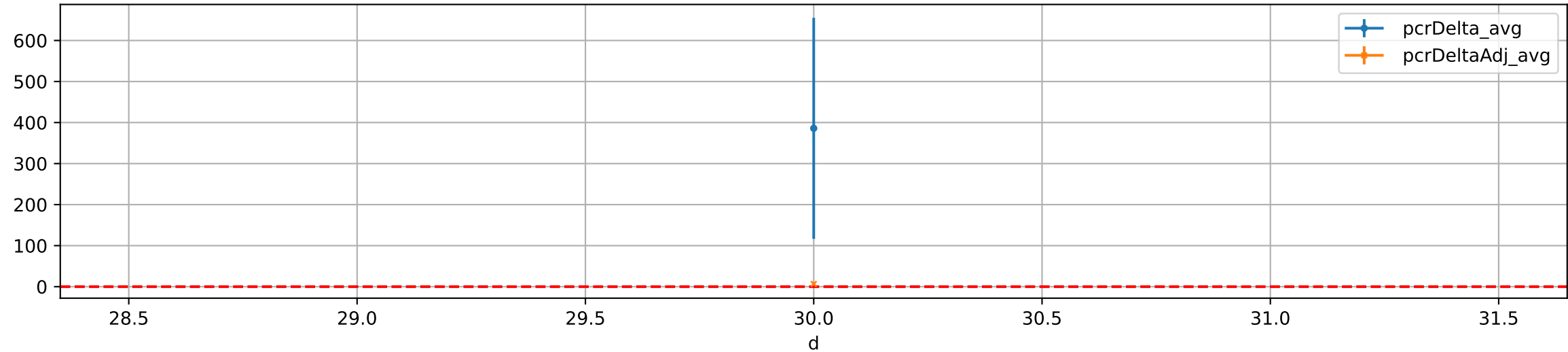
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organID=1

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

FrV: D\_Q50\_FrV  
organID=1



P10AE FrV: D\_Q50\_FrV



FrV: D\_Est\_FrV  
organID=1

