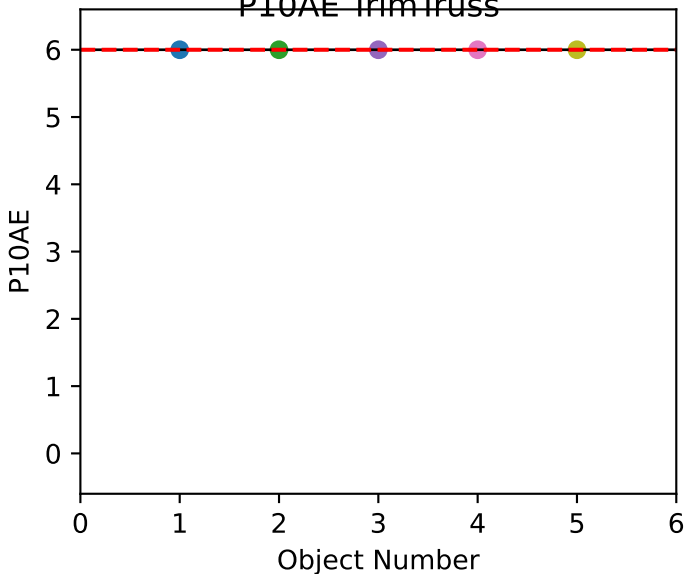


Phenotype Data Analysis Plots
PhenoData day range = 10 - 38
Analysis cutoff day = 38
NC11 P10
2025-05-09 (Day 39)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0 ~0% avg2=na

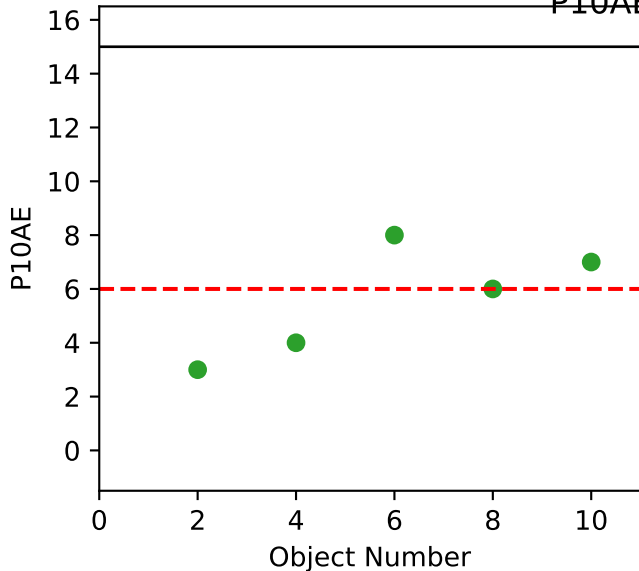
P10AE Trim Truss



FruitNumAvgPerTruss (Def=15 Set=6)

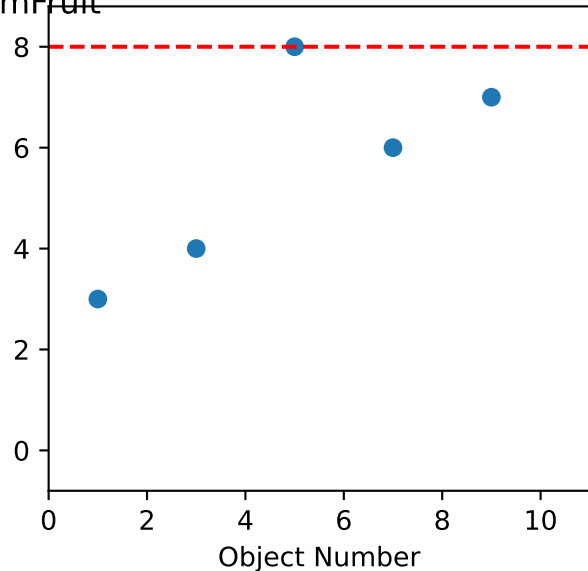
avg1=6.0~35% avg2=na

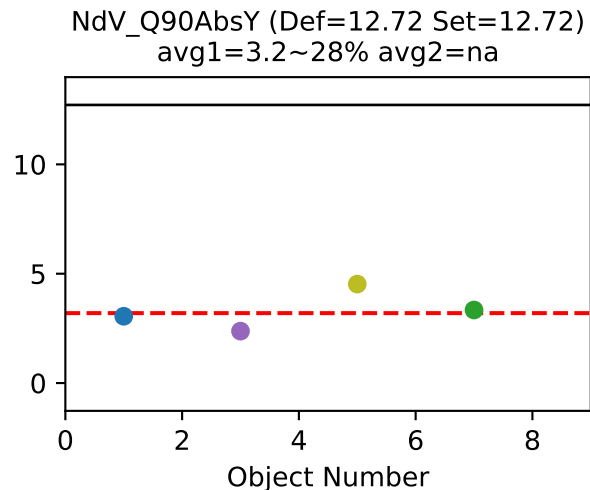
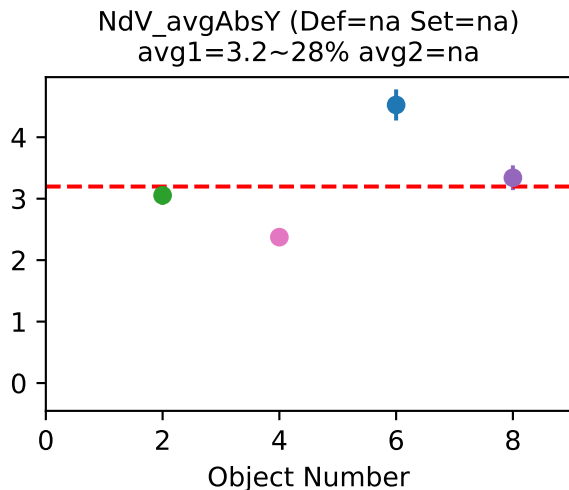
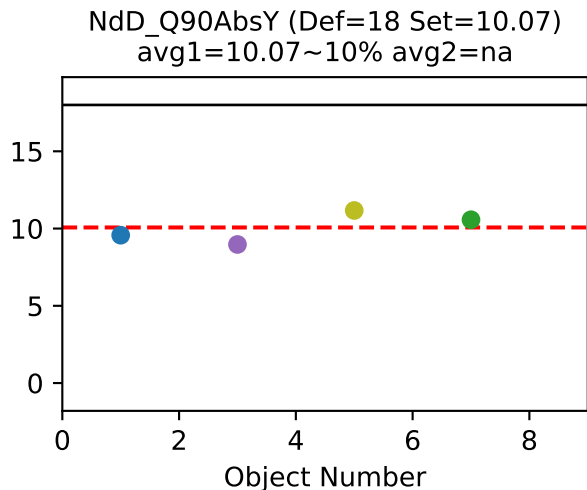
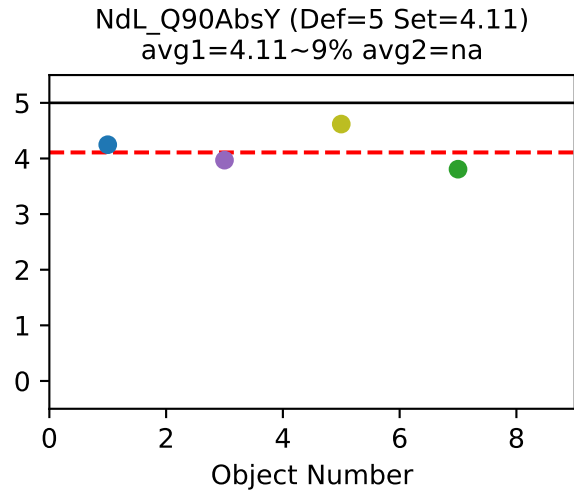
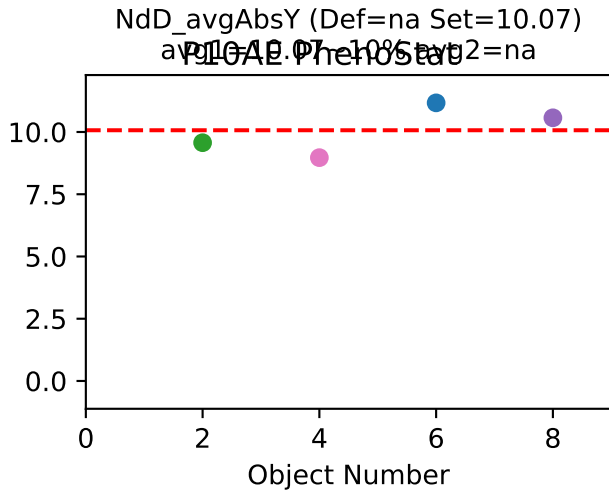
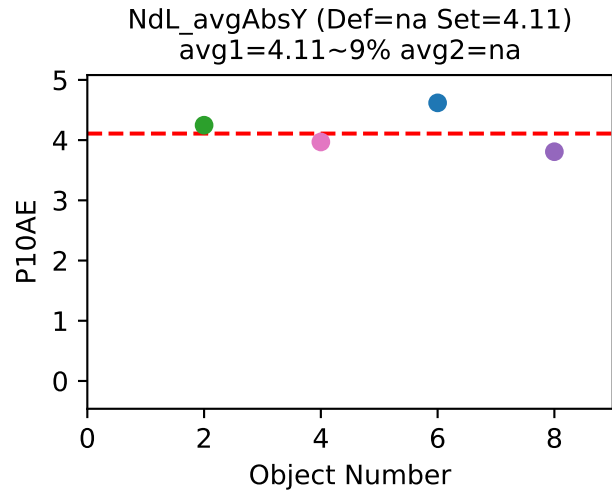
P10AE TrimFruit



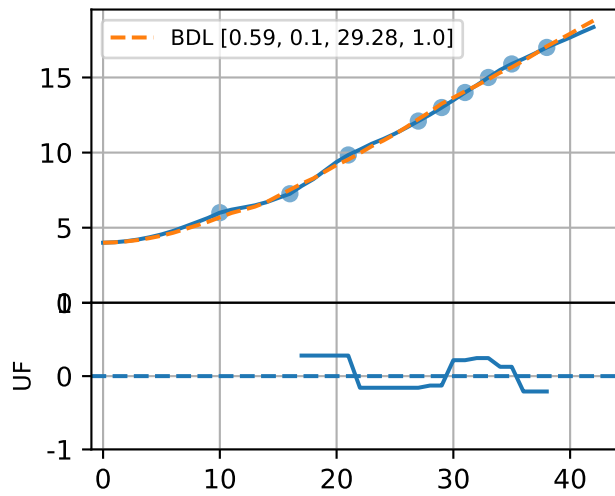
FruitNumMaxPerTruss (Def=na Set=8)

avg1=8.0~27% avg2=na

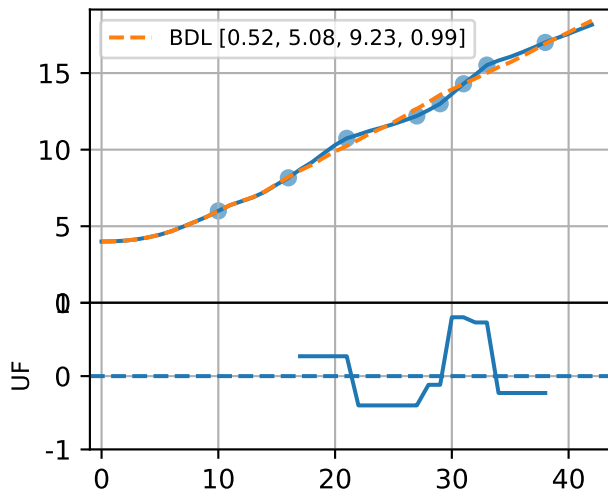




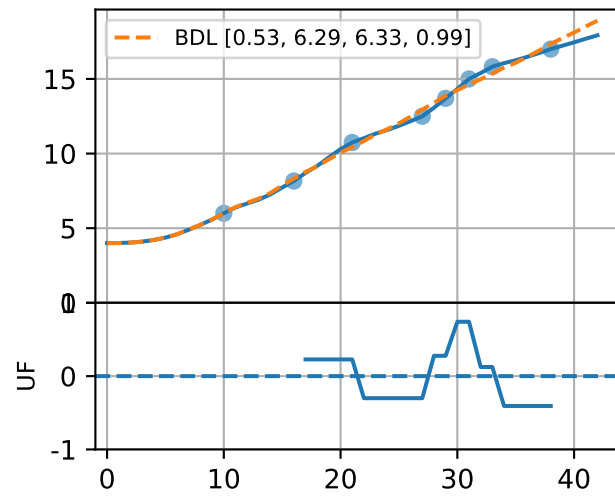
P10AE-063-19 (fit failed)



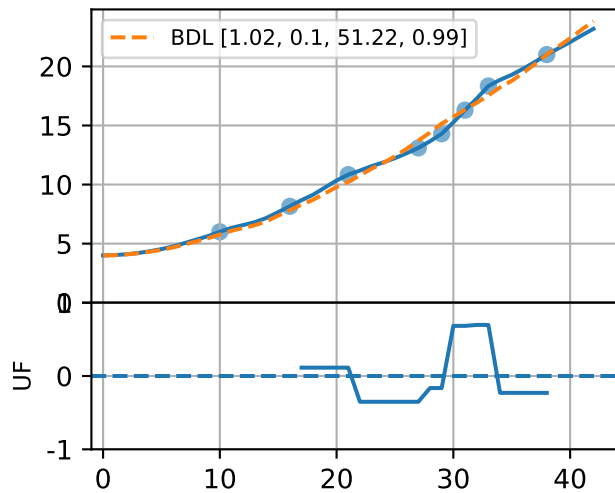
P10AE-076-15 (fit failed)



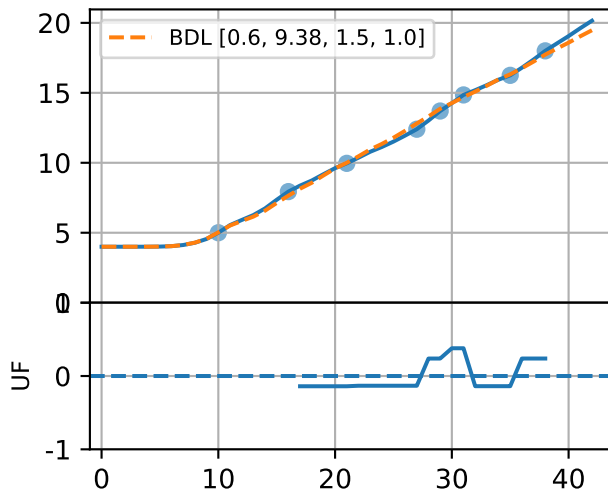
P10AE-089-22 (fit failed)



P10AE-103-17 (fit failed)



P10AE-116-21 (fit failed)

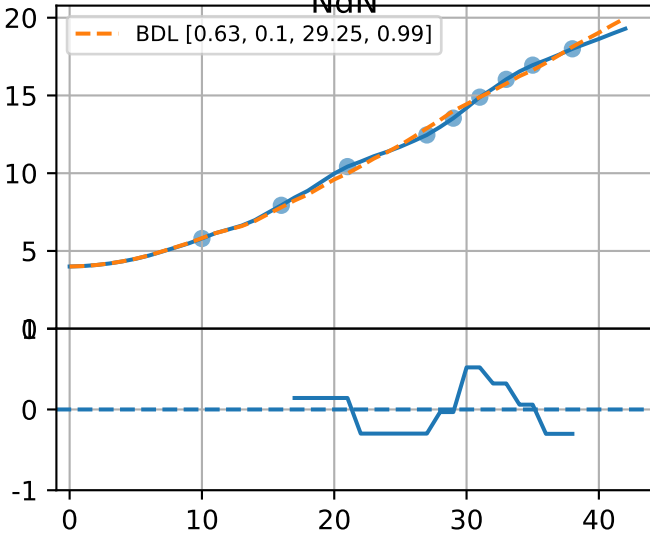


P10AEavg (fit failed)

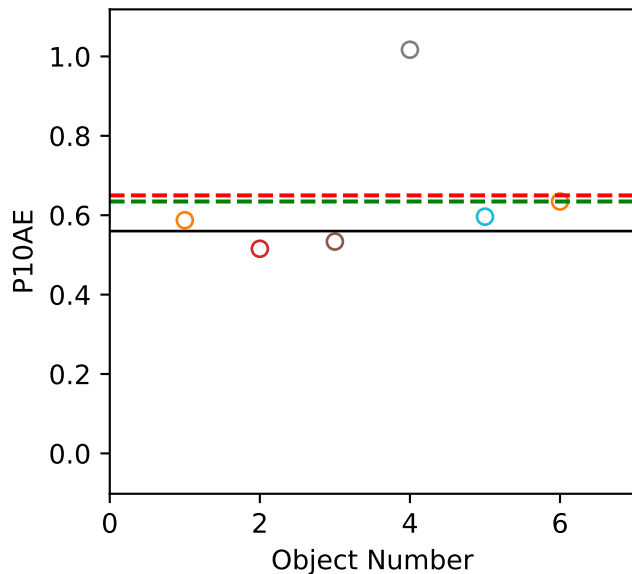
NaN

BDL [0.63, 0.1, 29.25, 0.99]

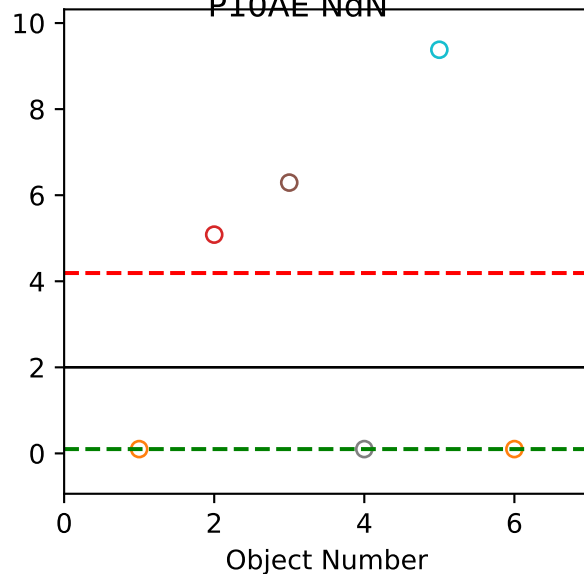
UF



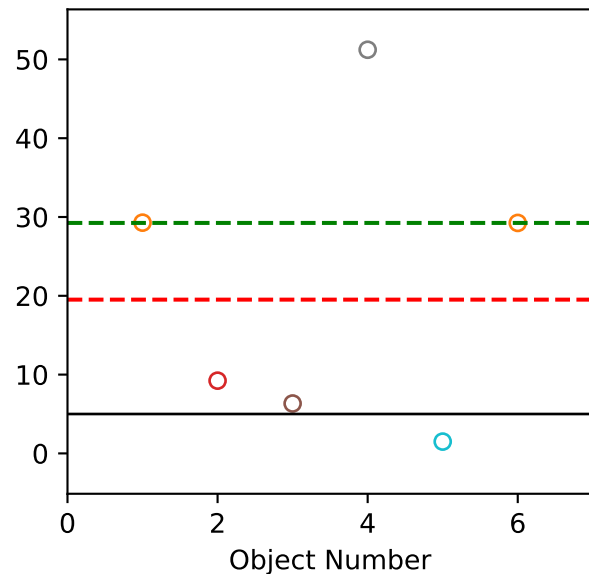
a (Def=0.56 Set=0.63)
avg1=0.65(fail) avg2=0.63



dm (Def=2 Set=0.1)
avg1=4.19(fail) avg2=0.1

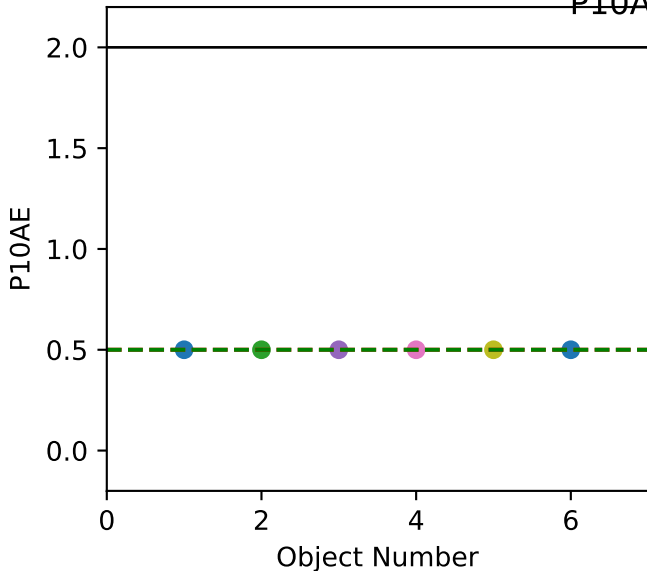


de (Def=5 Set=29.25)
avg1=19.51(fail) avg2=29.25

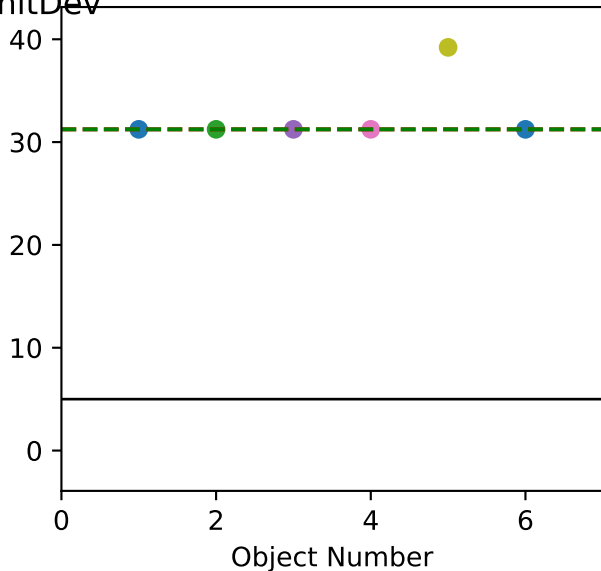


InitDev_dm (Def=2 Set=0.5)
avg1=0.5~0% avg2=0.5

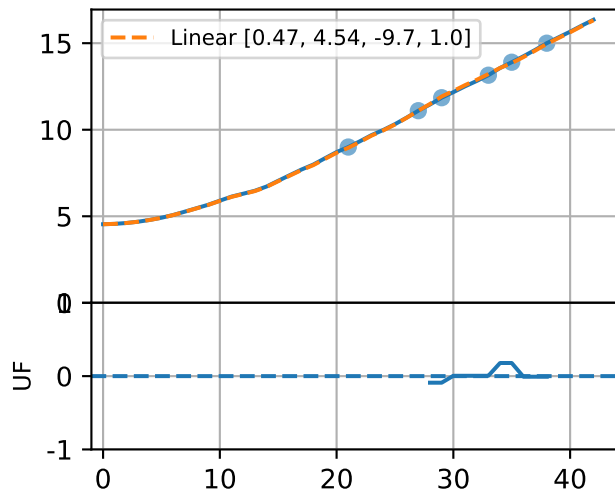
P10AE InitDev



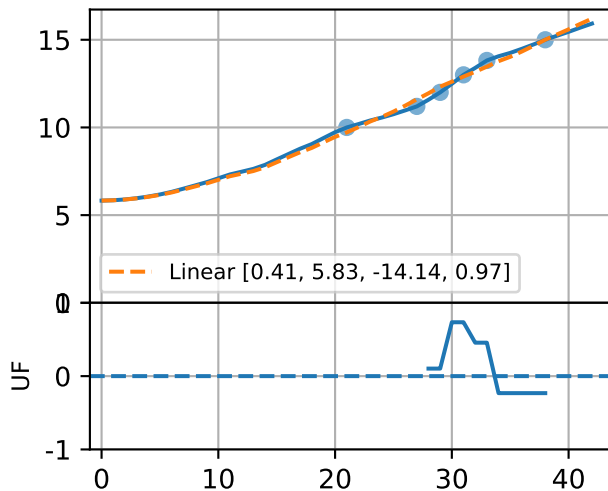
InitDev_de (Def=5 Set=31.24)
avg1=31.24~0% avg2=31.24



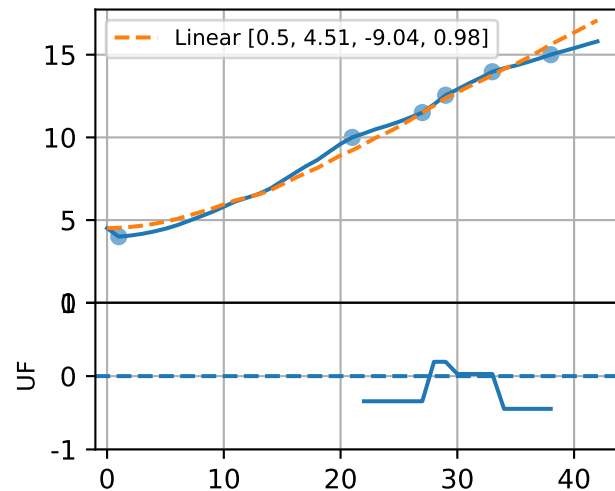
P10AE-063-19



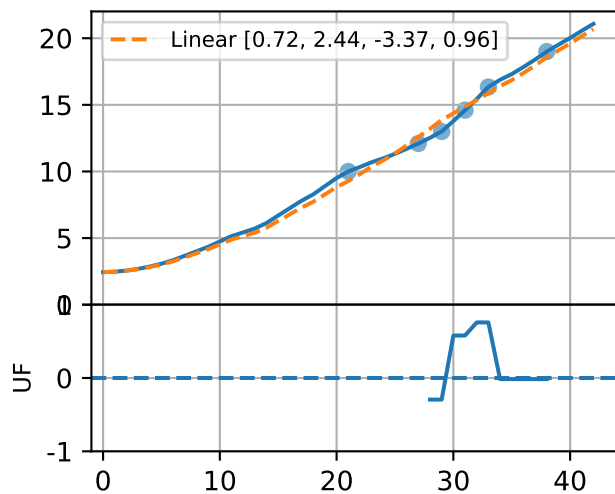
P10AE-076-5



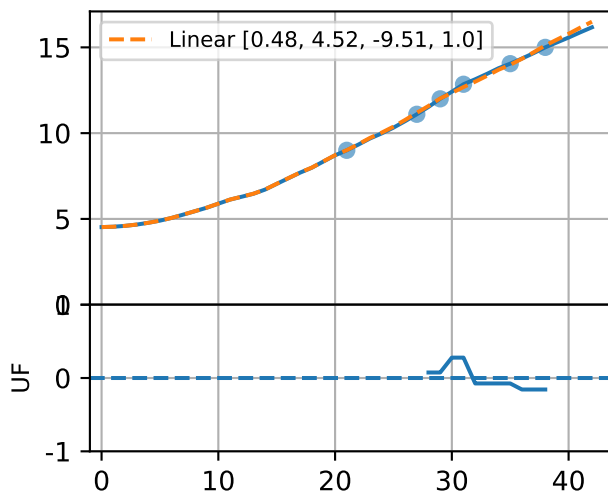
P10AE-089-22



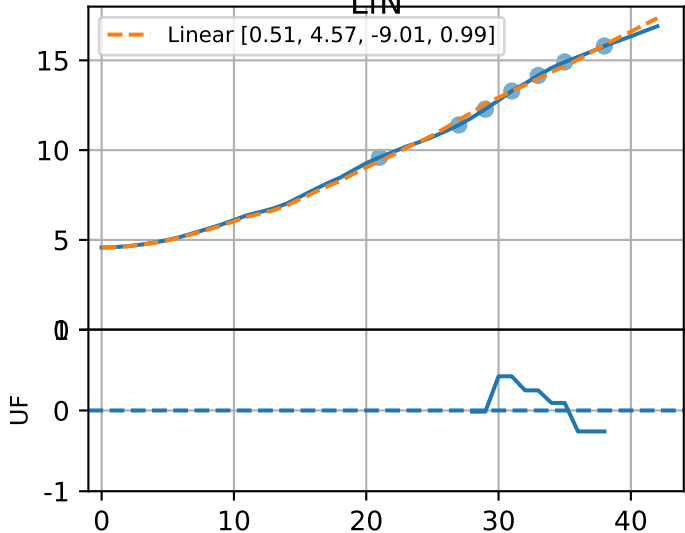
P10AE-103-17



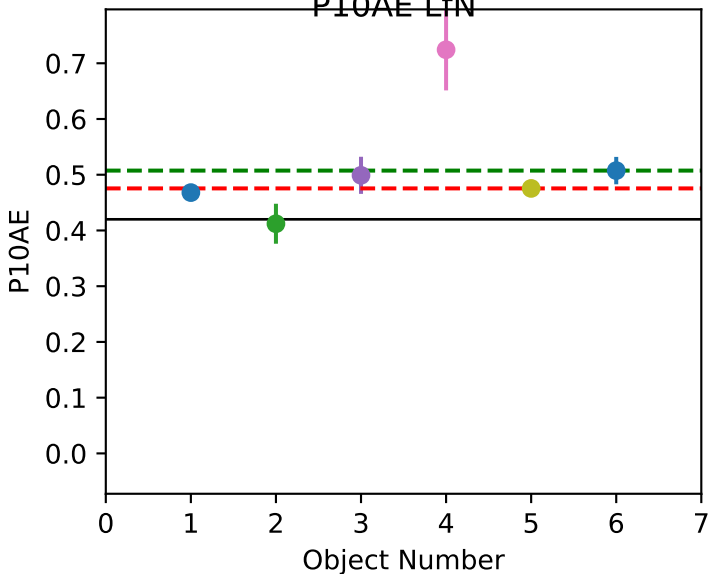
P10AE-116-21



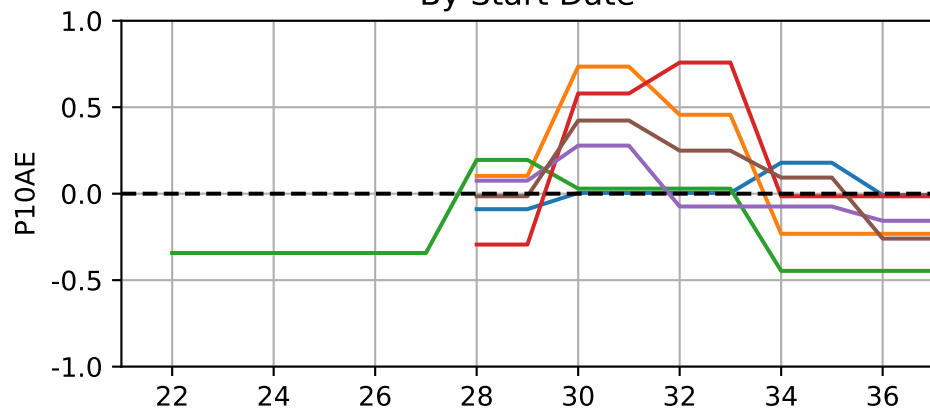
P10AEavg
L_{fin}



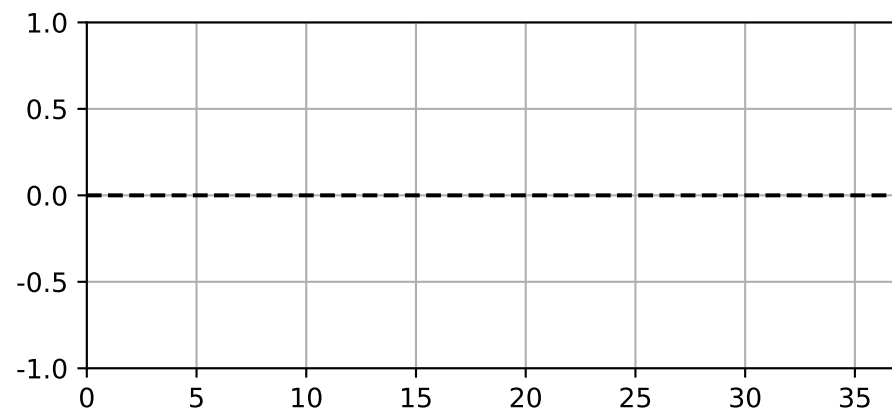
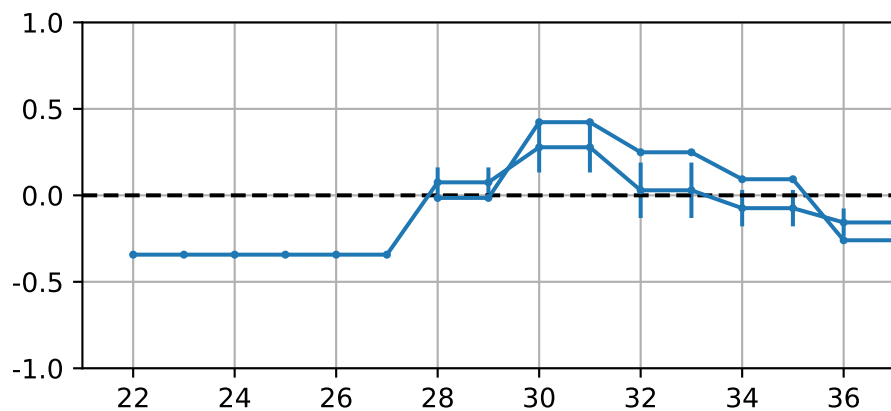
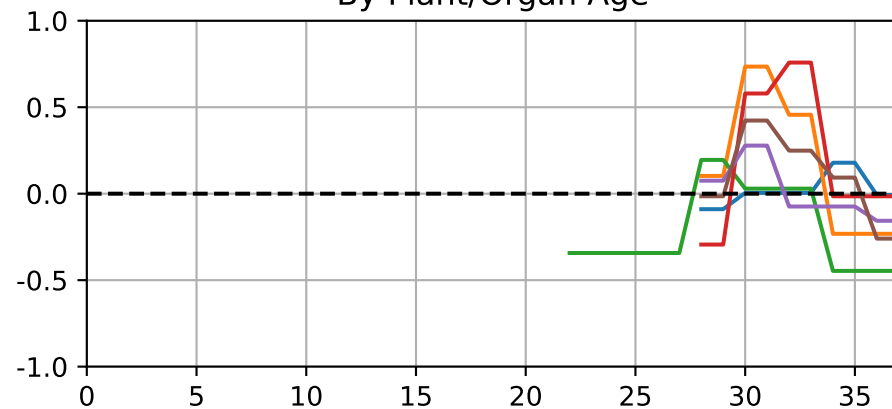
a (Def=0.42 Set=0.51)
avg1=0.48~3% avg2=0.51~11%



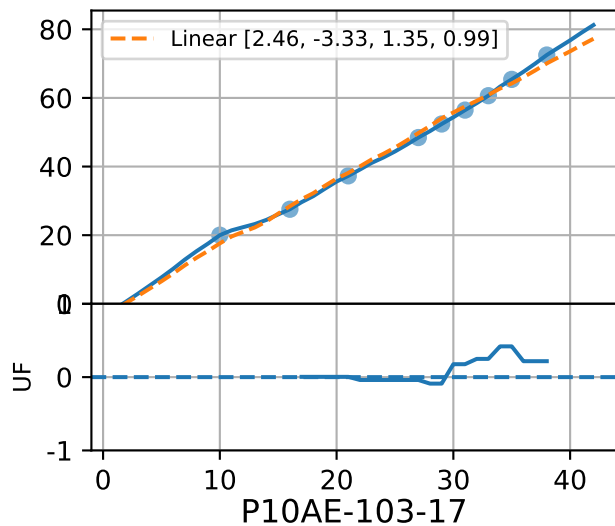
By Start Date



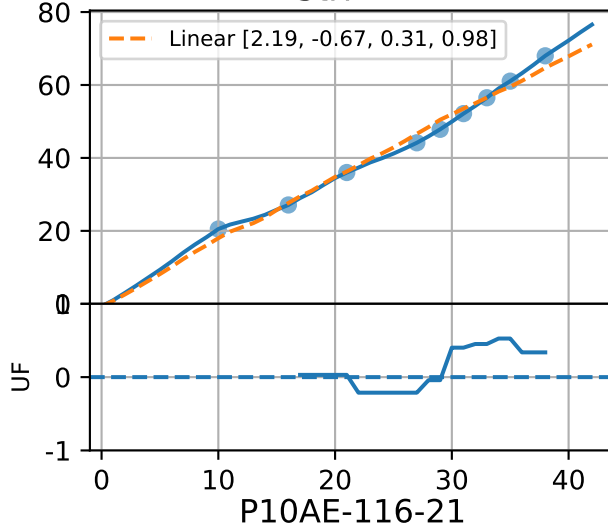
By Plant/Organ Age



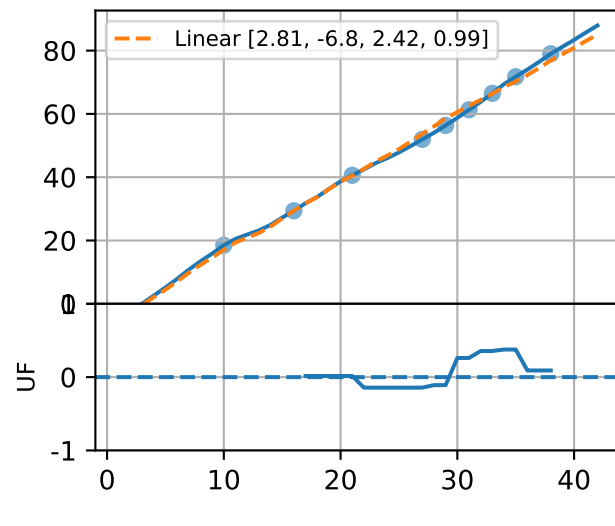
P10AE-063-19



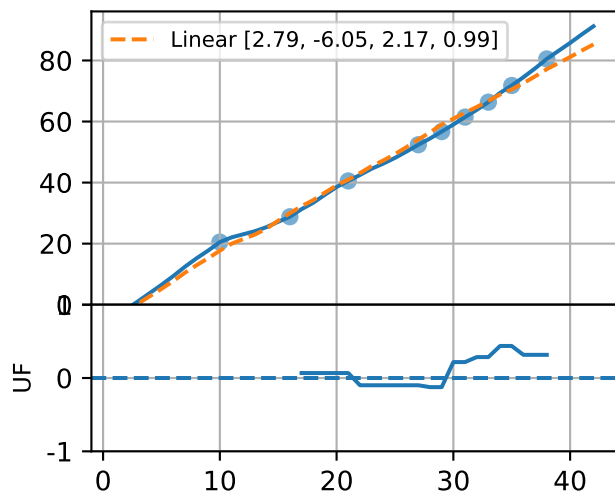
P10AE-076-5



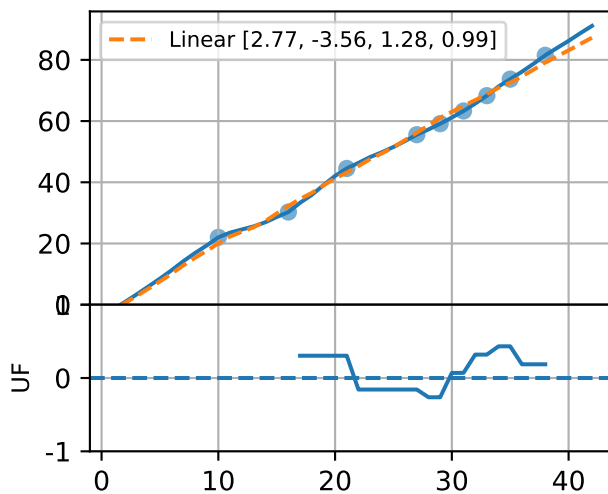
P10AE-089-22



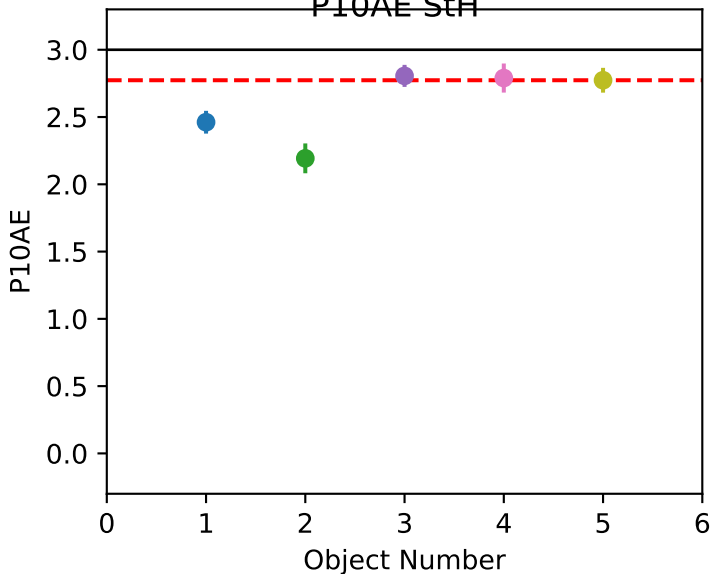
P10AE-103-17



P10AE-116-21

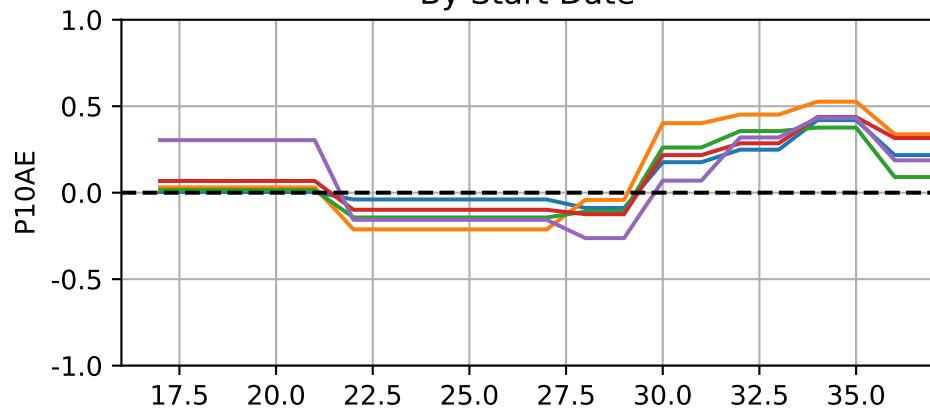


a (Def=3 Set=2.77)
avg1=2.77~10% avg2=na

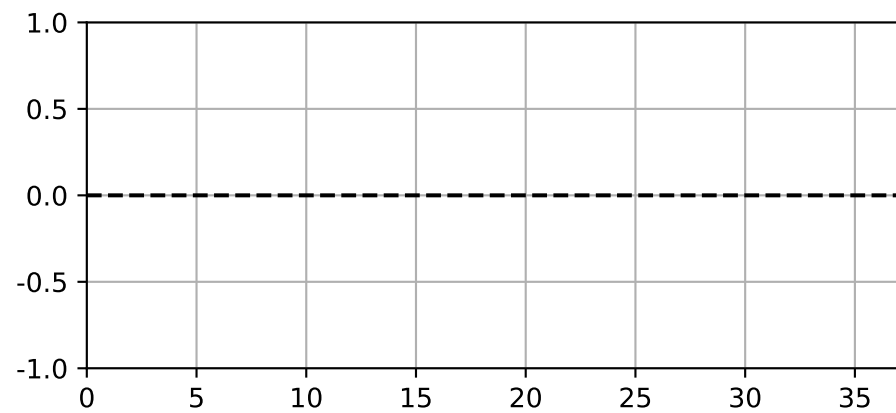
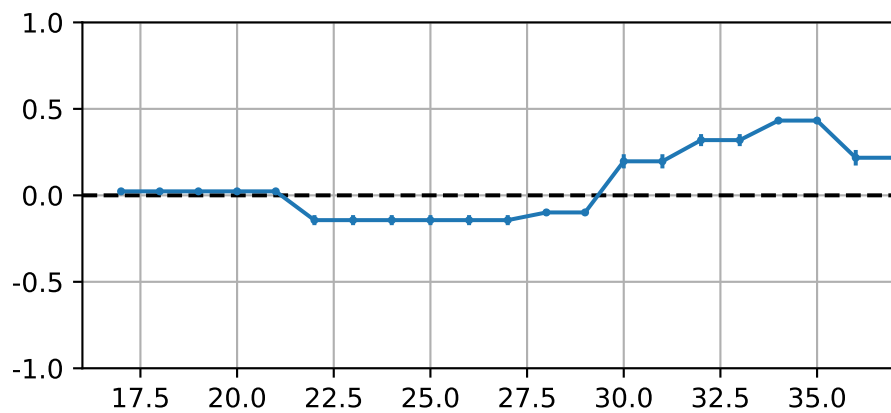
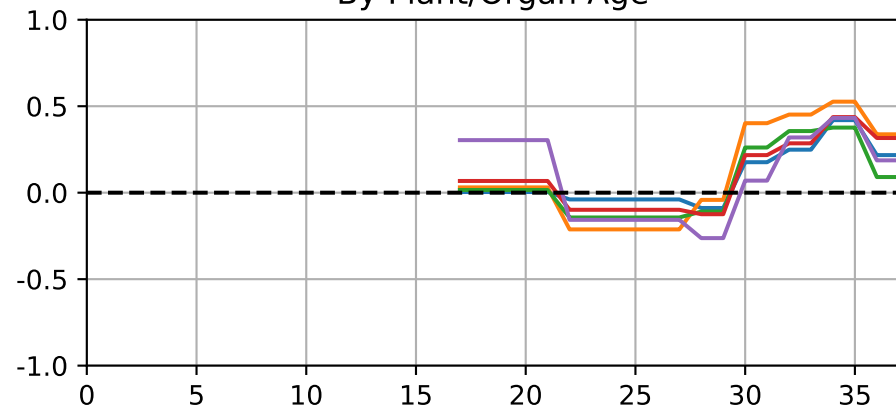


StH

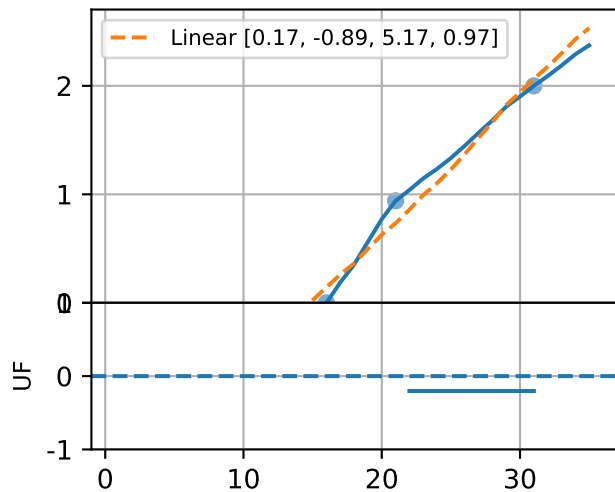
By Start Date



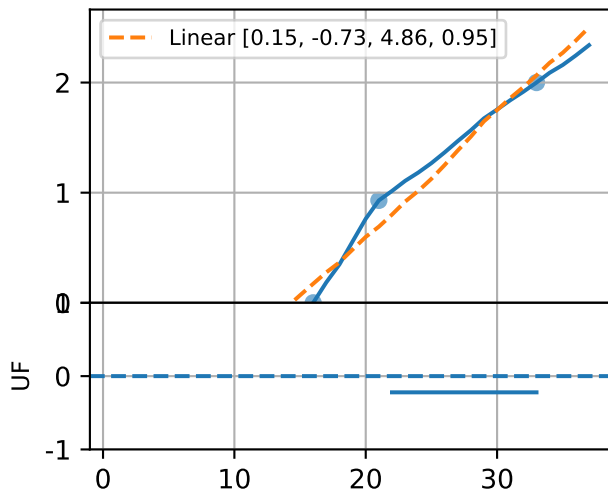
By Plant/Organ Age



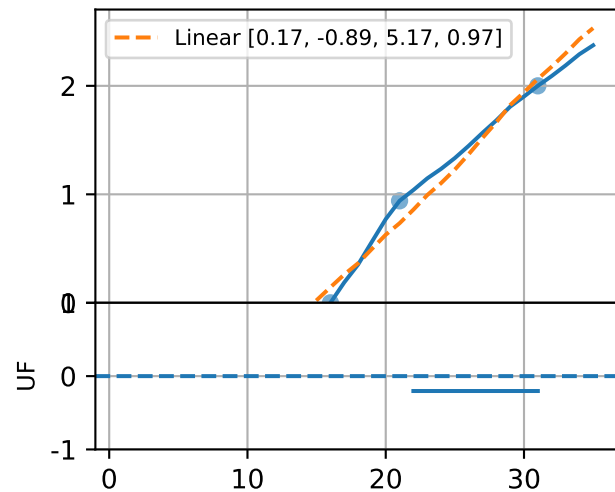
P10AE-063-19



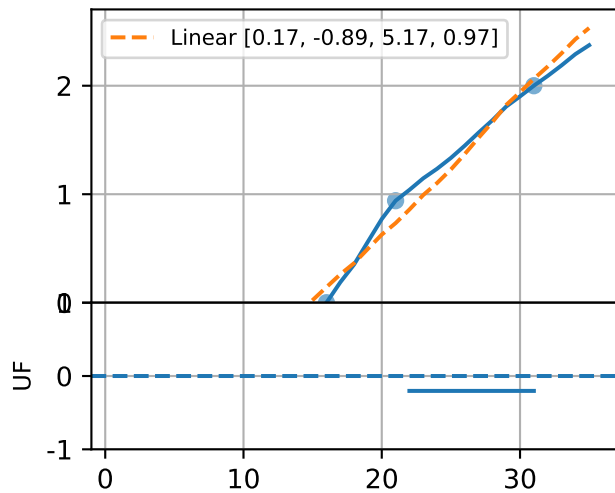
P10AE-076-5



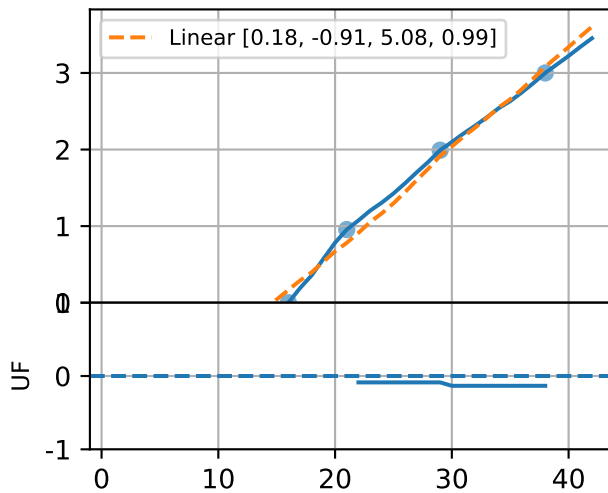
P10AE-089-22



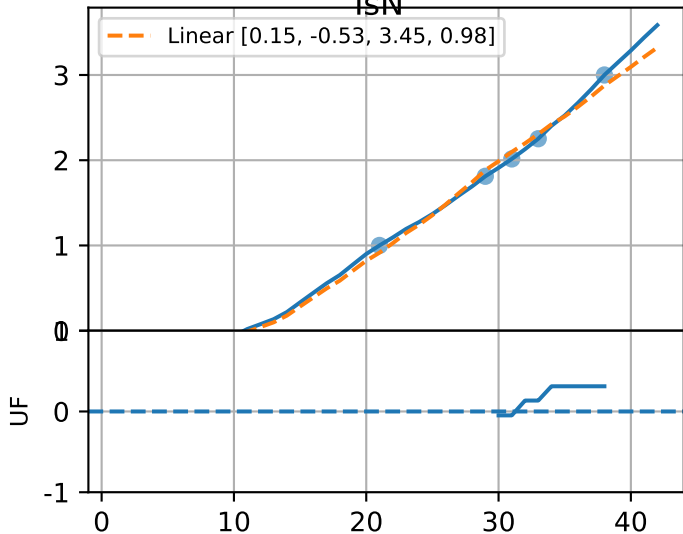
P10AE-103-17

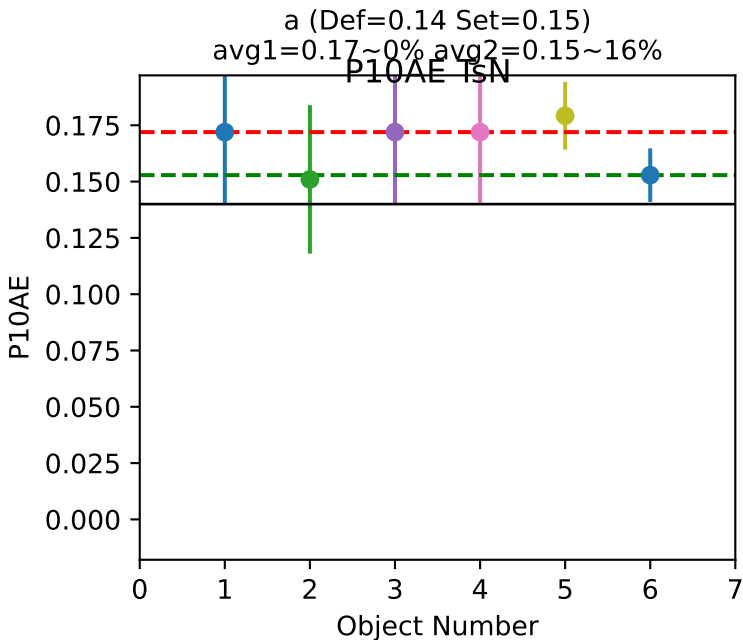


P10AE-116-21



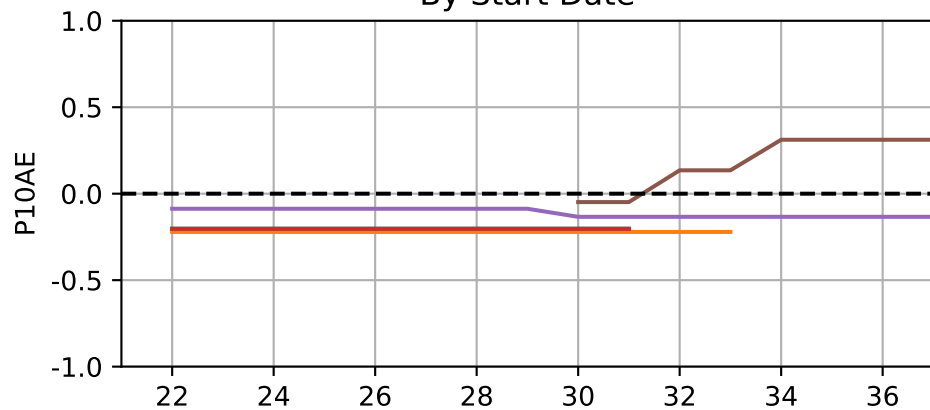
P10AEavg
TSN



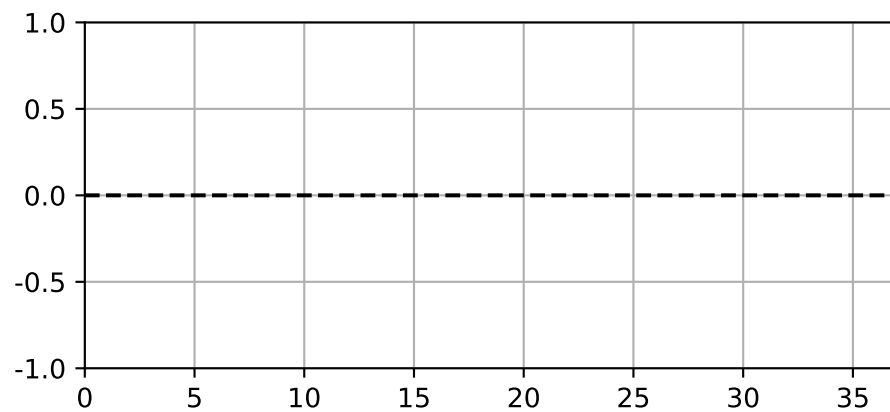
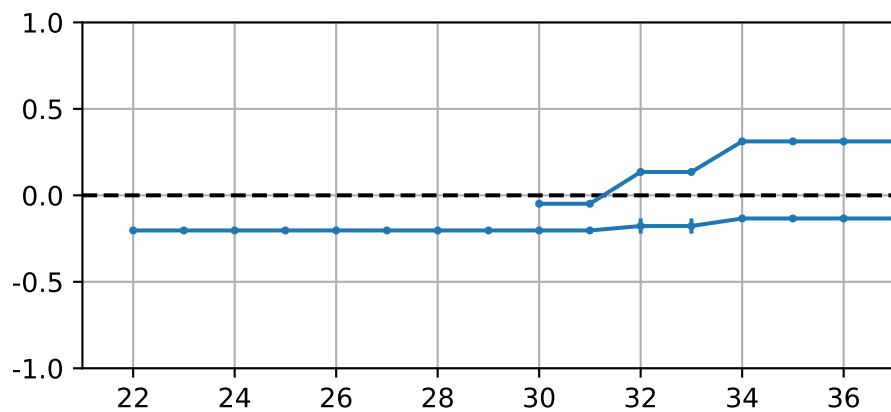
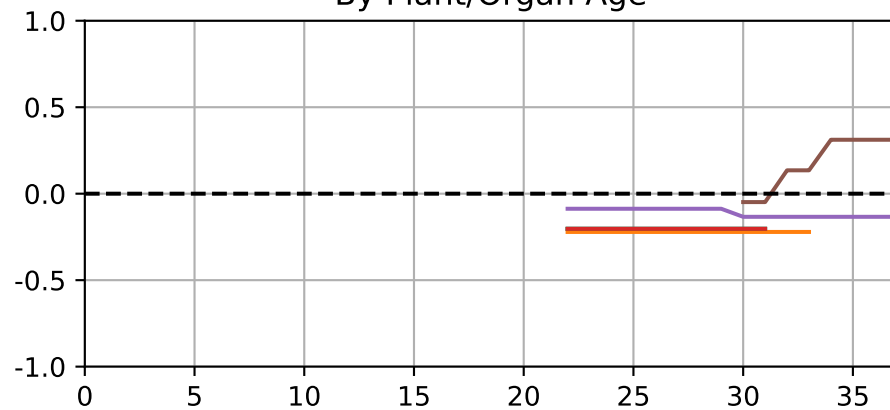


TsN

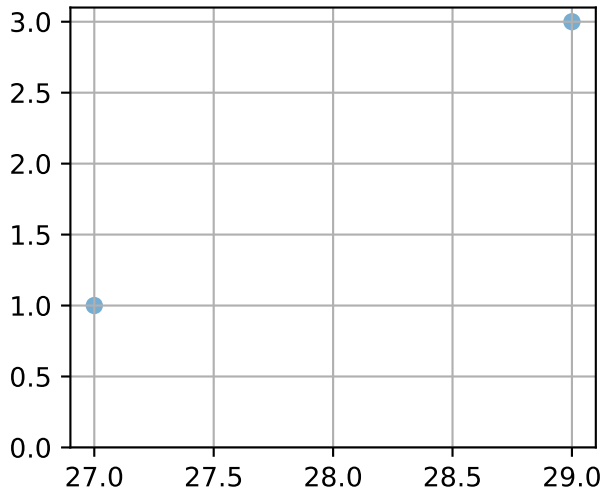
By Start Date



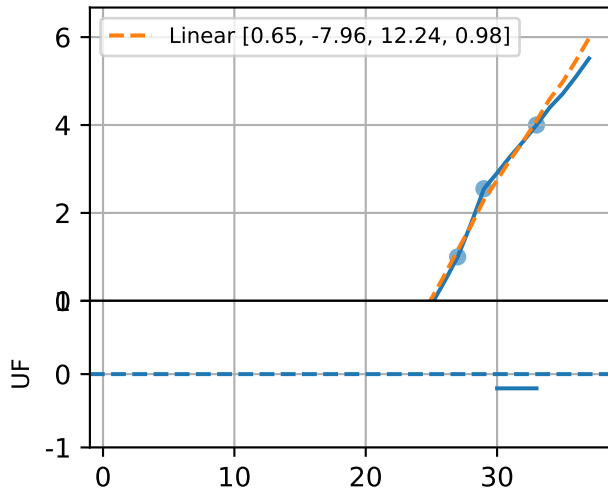
By Plant/Organ Age



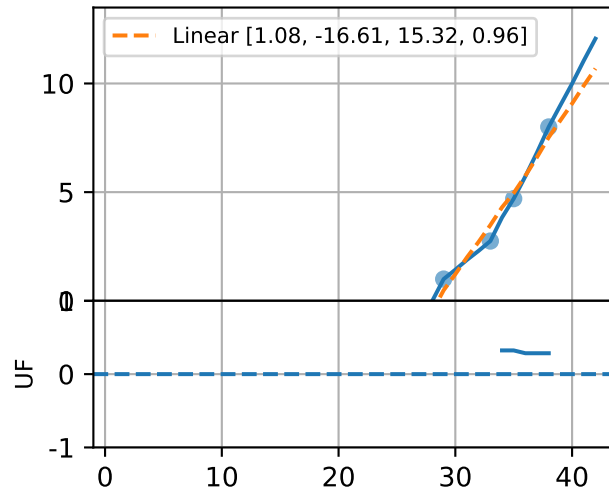
P10AE-063-19T1 (fit failed)



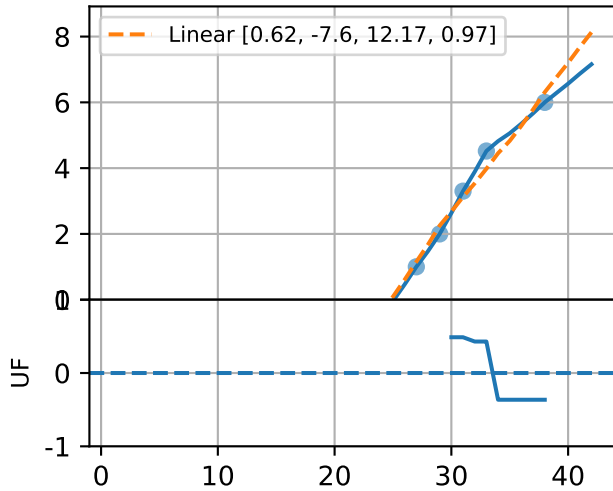
P10AE-076-5T1



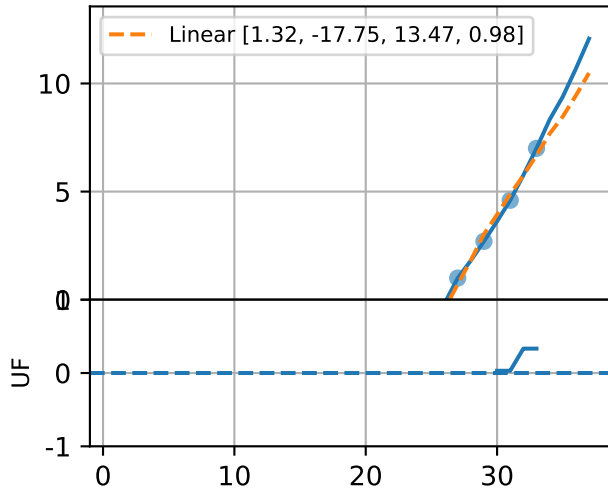
P10AE-089-22T1



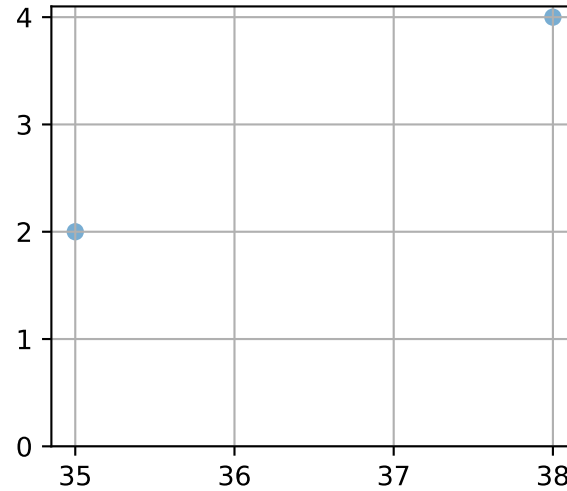
P10AE-103-17T1



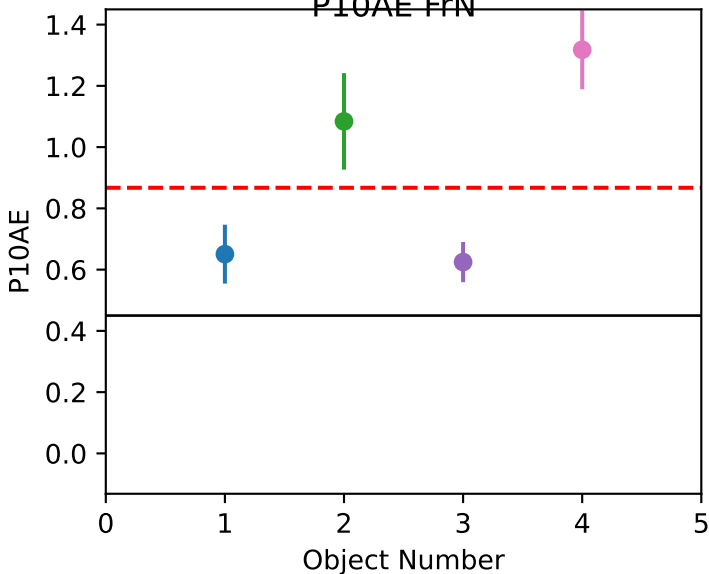
P10AE-116-21T1



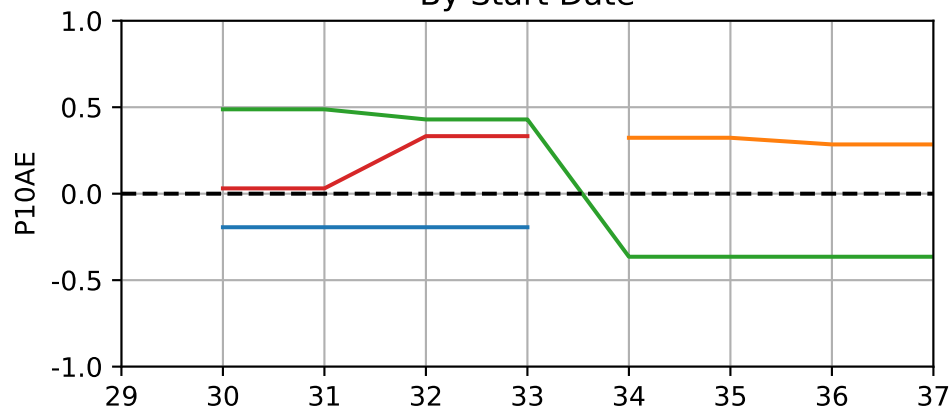
P10AE-116-21T2 (fit failed)



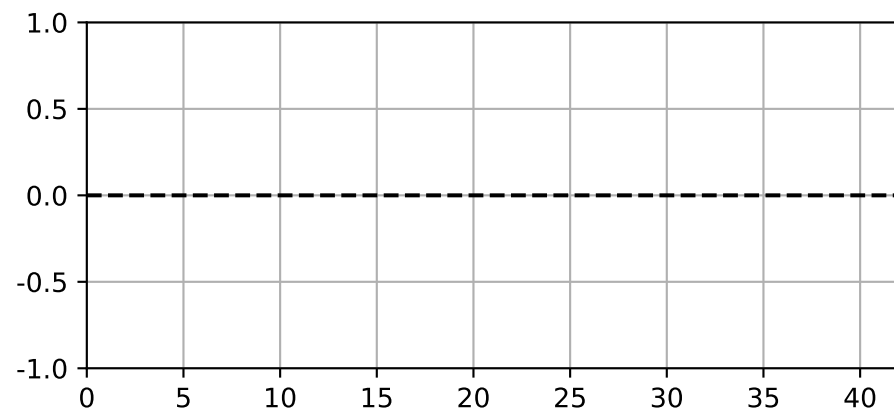
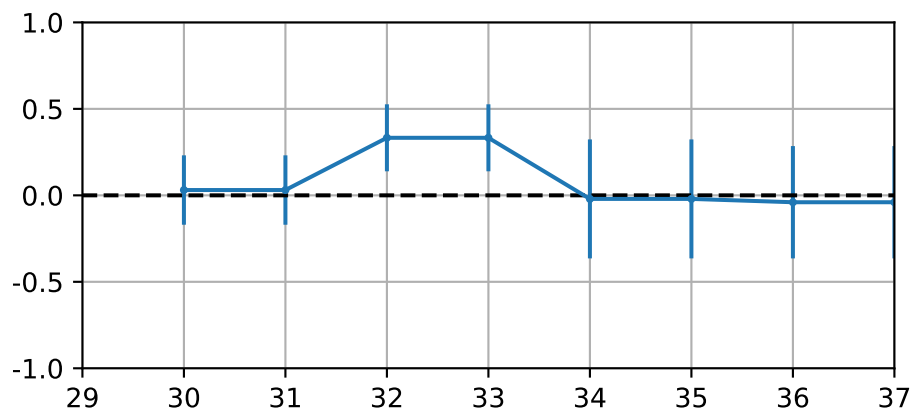
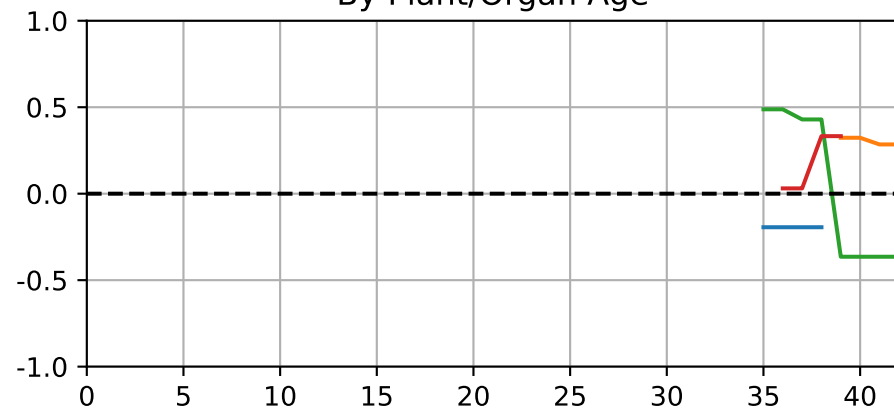
a (Def=0.45 Set=0.87)
avg1=0.87~39% avg2=na



By Start Date

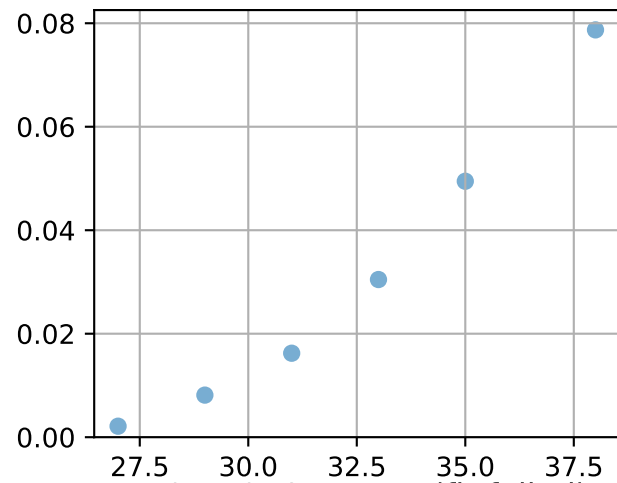


By Plant/Organ Age

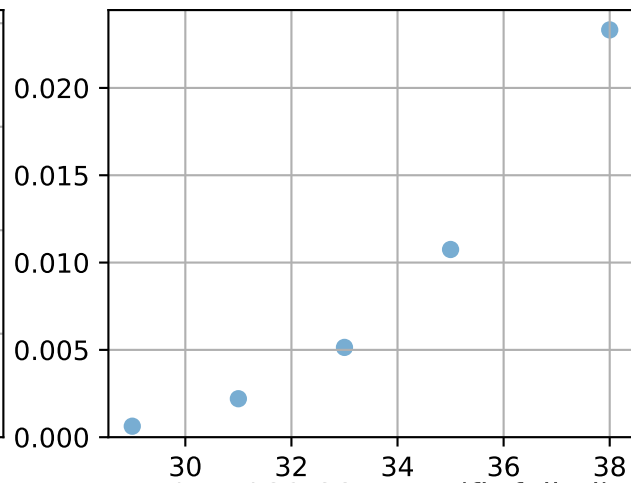


Fr₁

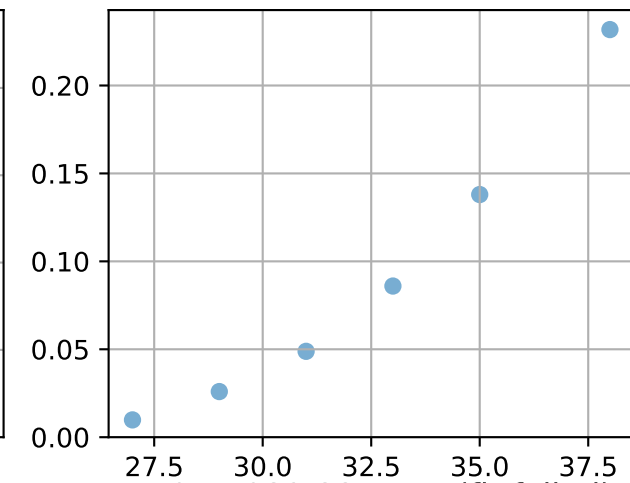
P10AE-063-19T1Fr1 (fit failed)



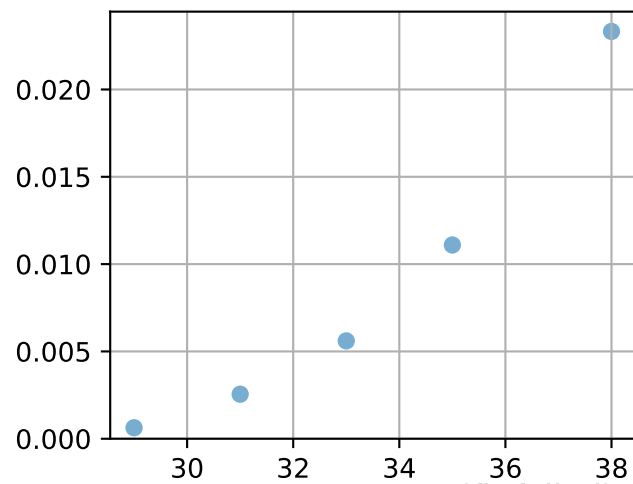
P10AE-063-19T1Fr5 (fit failed)



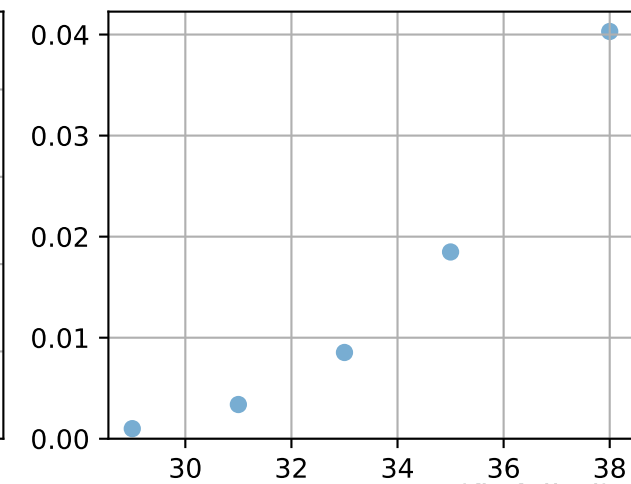
P10AE-076-5T1Fr1 (fit failed)



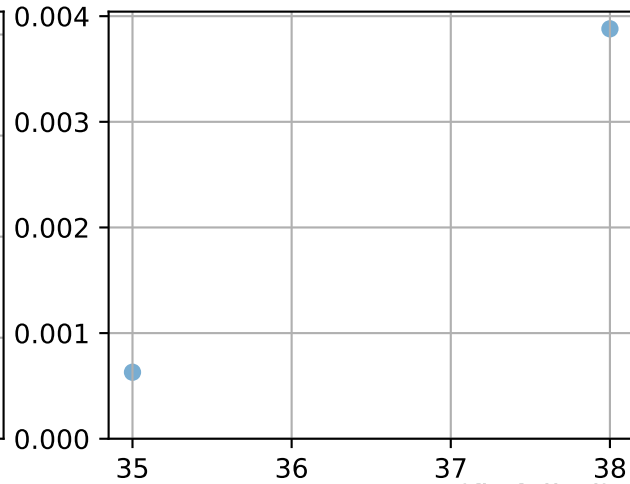
P10AE-076-5T1Fr5 (fit failed)



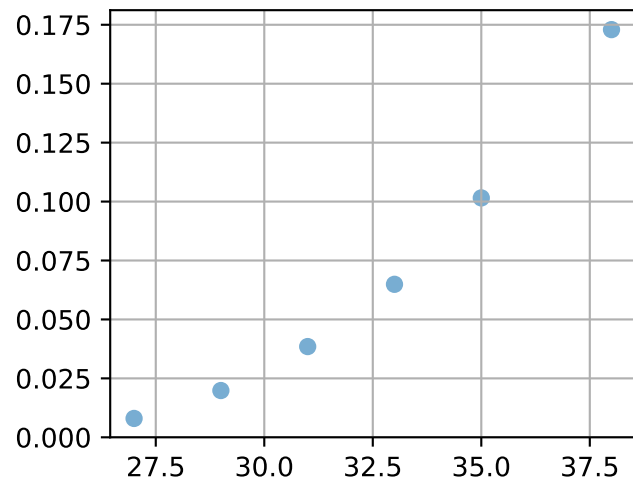
P10AE-089-22T1Fr1 (fit failed)



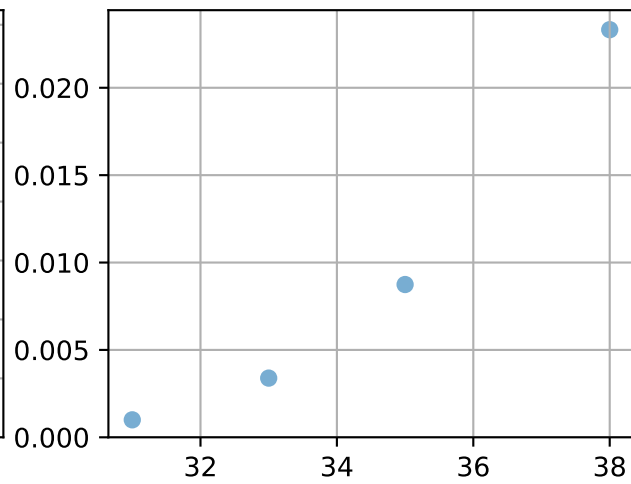
P10AE-089-22T1Fr5 (fit failed)



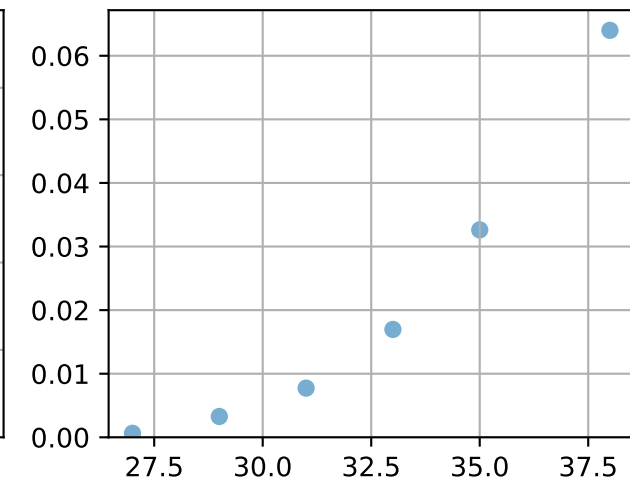
P10AE-103-17T1Fr1 (fit failed)



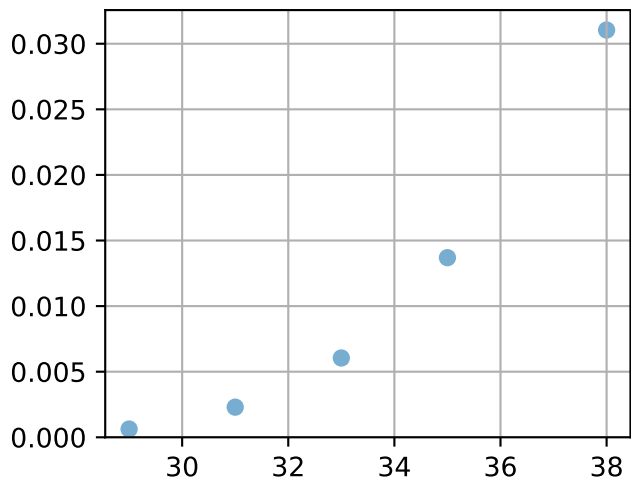
P10AE-103-17T1Fr5 (fit failed)



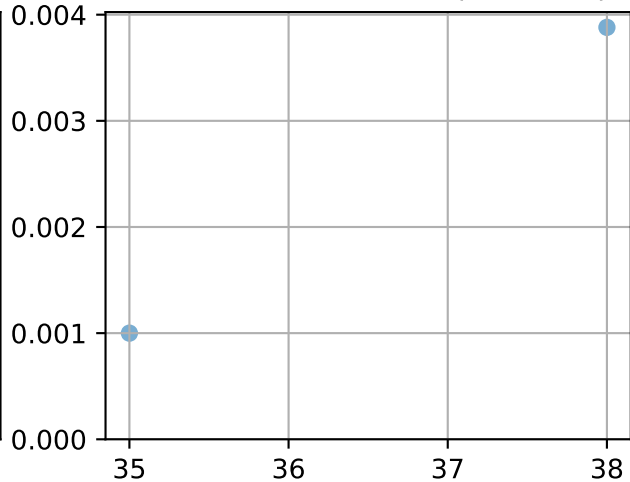
P10AE-116-21T1Fr1 (fit failed)



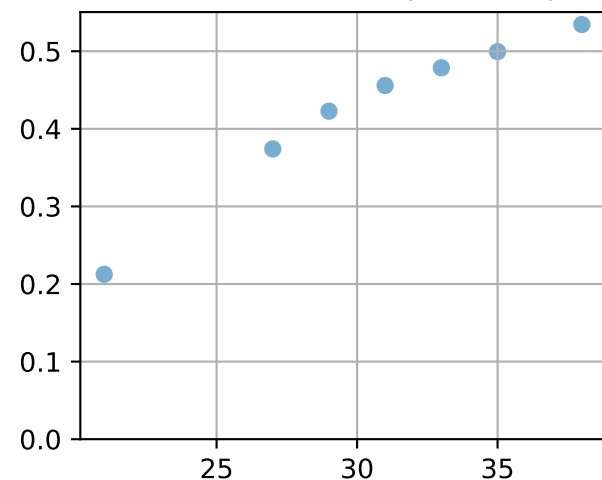
P10AE-116-21T1Fr5 (fit failed)



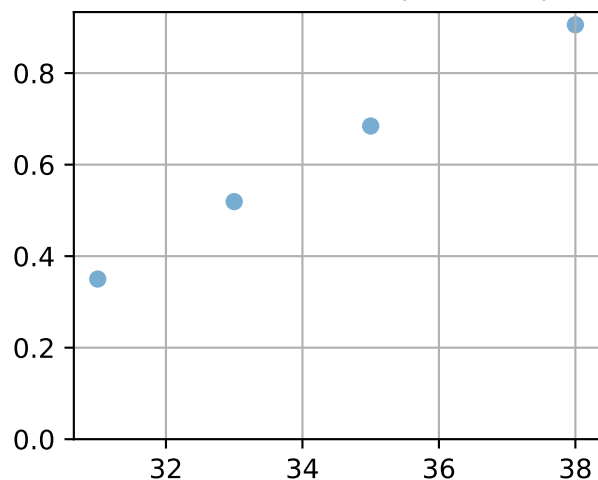
P10AE-116-21T2Fr1 (fit failed)



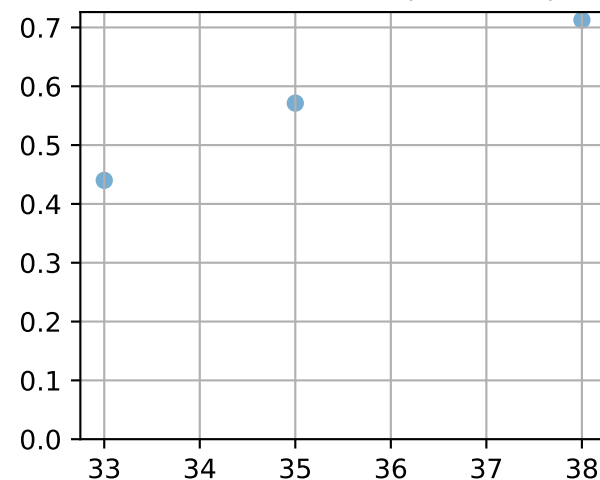
P10AE-063-19L6 (fit failed)



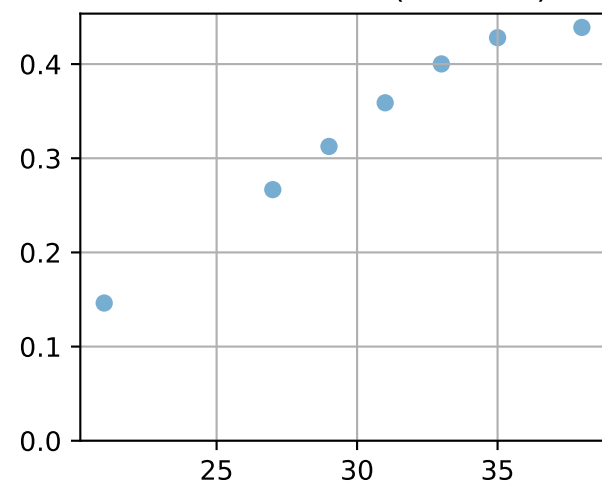
P10AE-063-19L9 (fit failed)



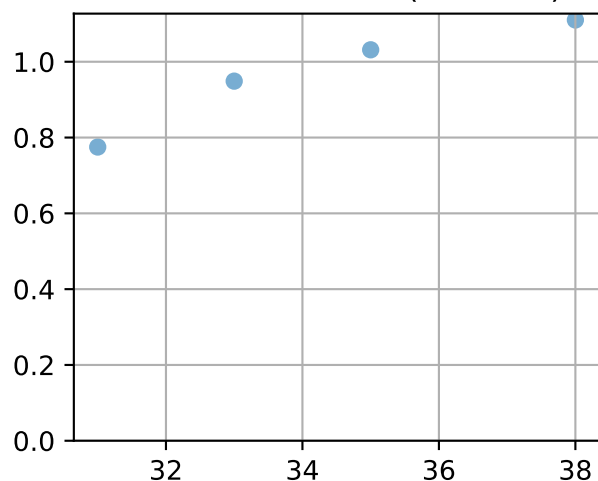
P10AE-076-5L11 (fit failed)



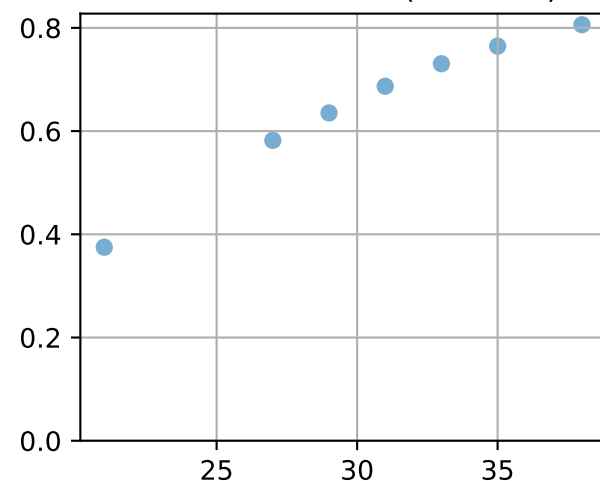
P10AE-076-5L7 (fit failed)



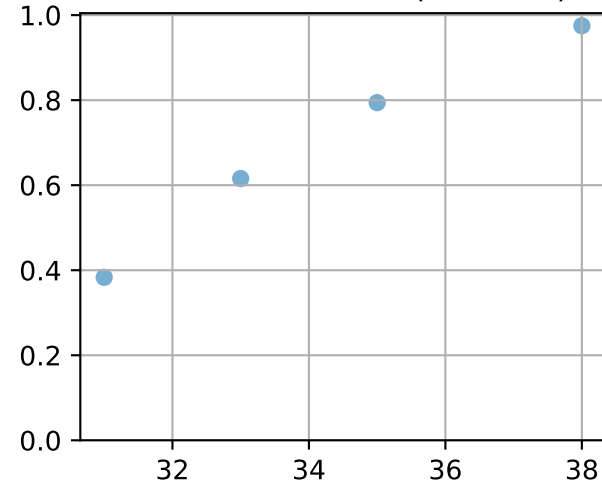
P10AE-089-22L10 (fit failed)



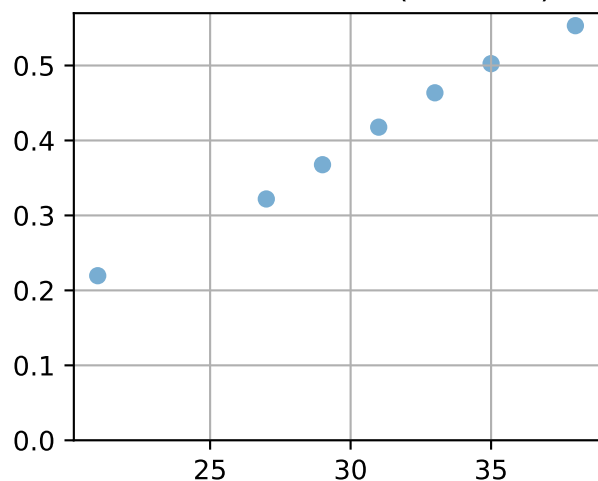
P10AE-089-22L7 (fit failed)



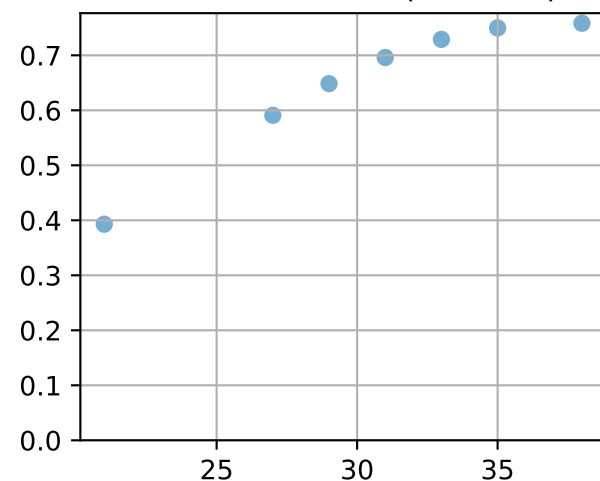
P10AE-103-17L10 (fit failed)



P10AE-103-17L7 (fit failed)

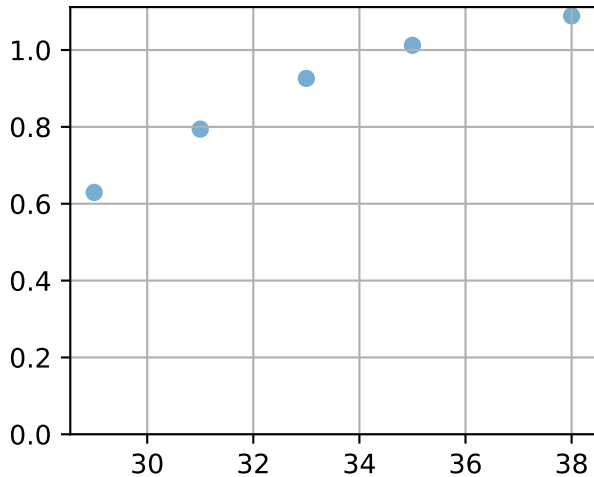


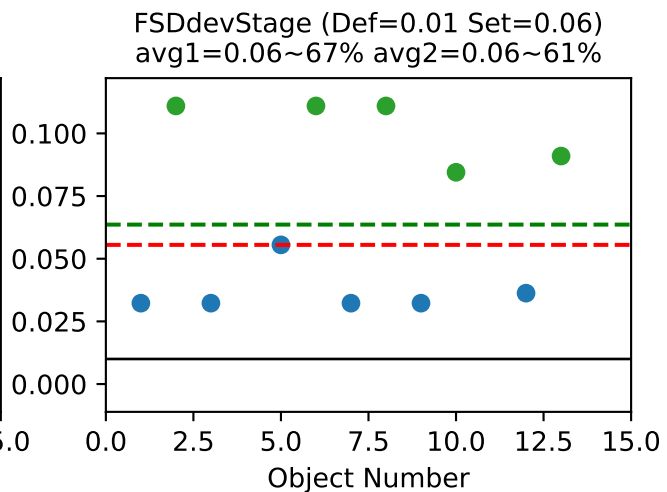
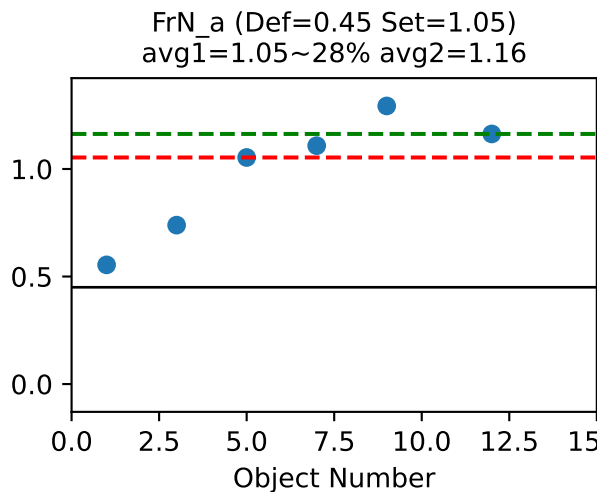
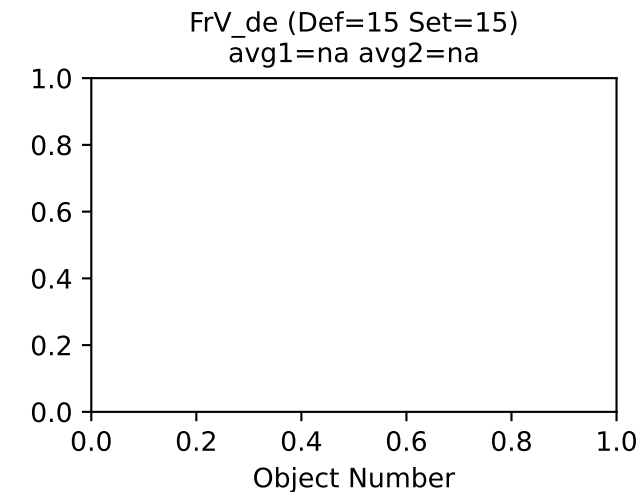
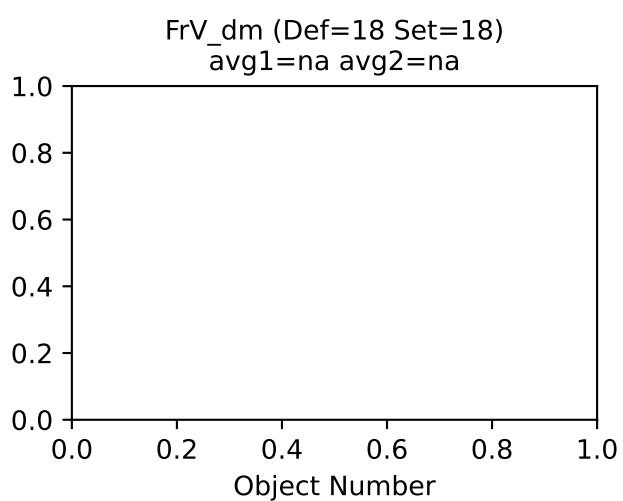
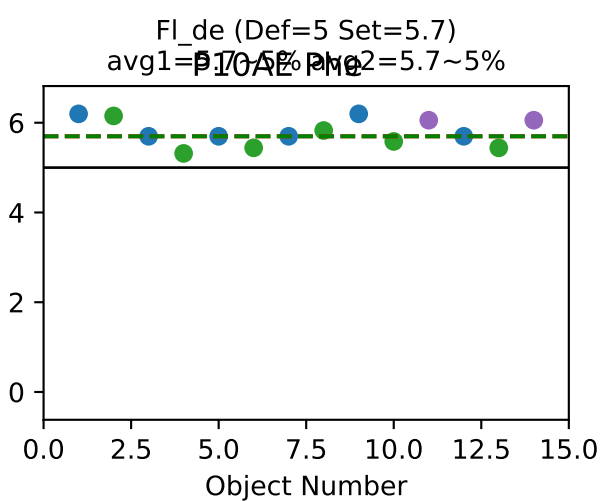
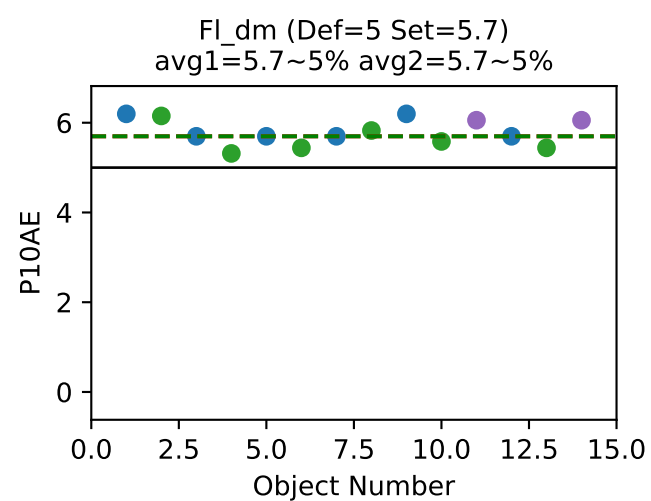
P10AE-116-21L6 (fit failed)



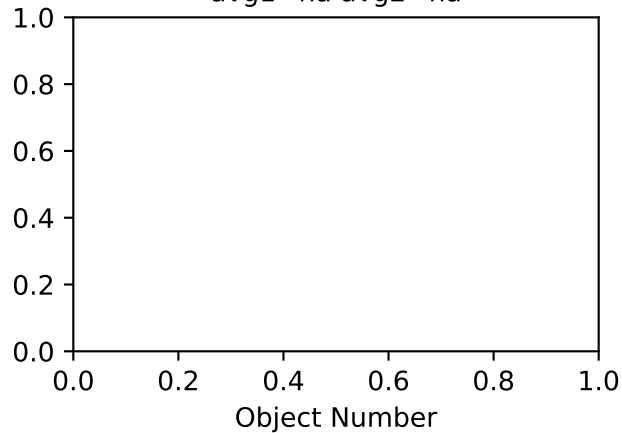
P10AE-116-21L9 (fit failed)

LfA

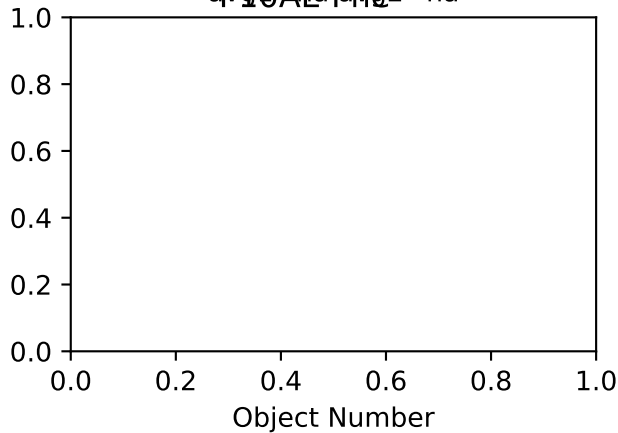




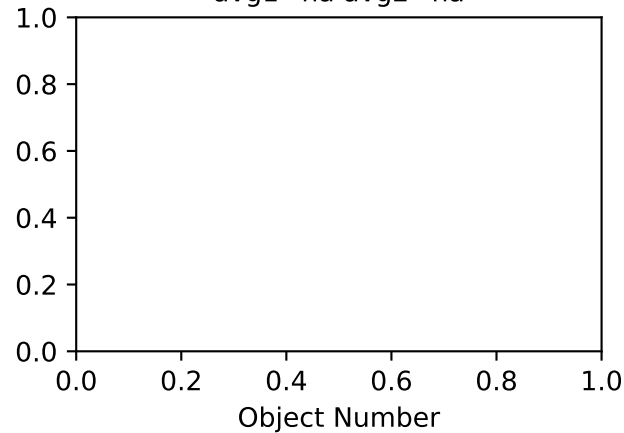
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



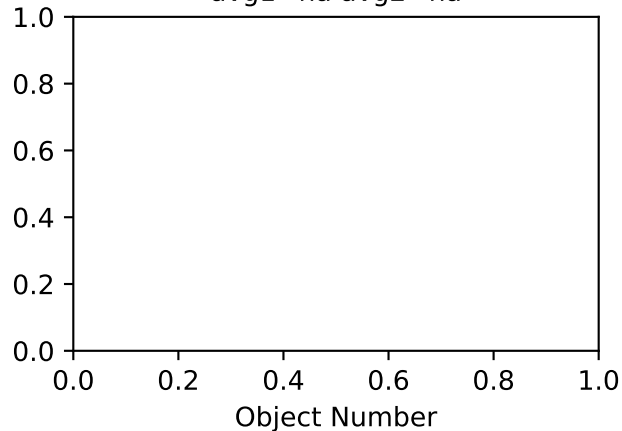
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



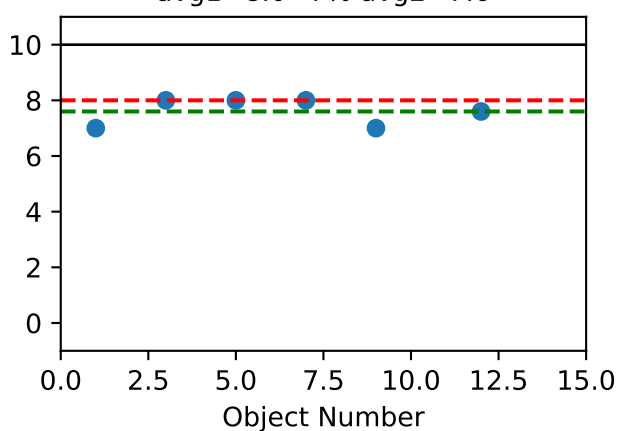
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



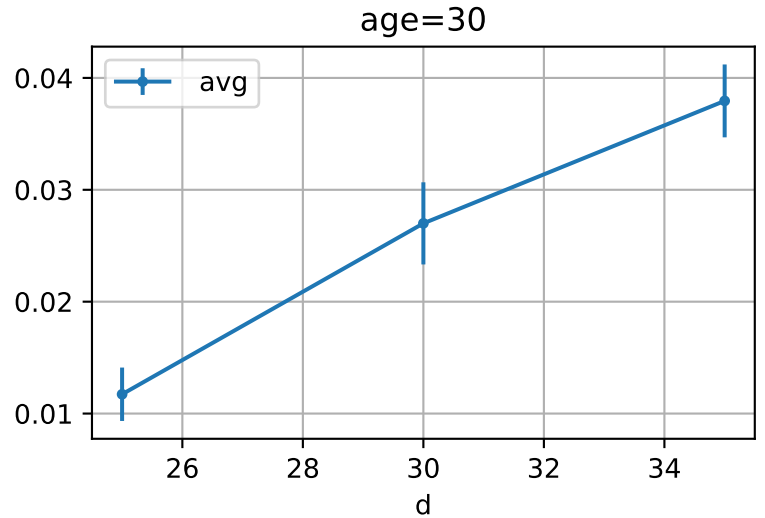
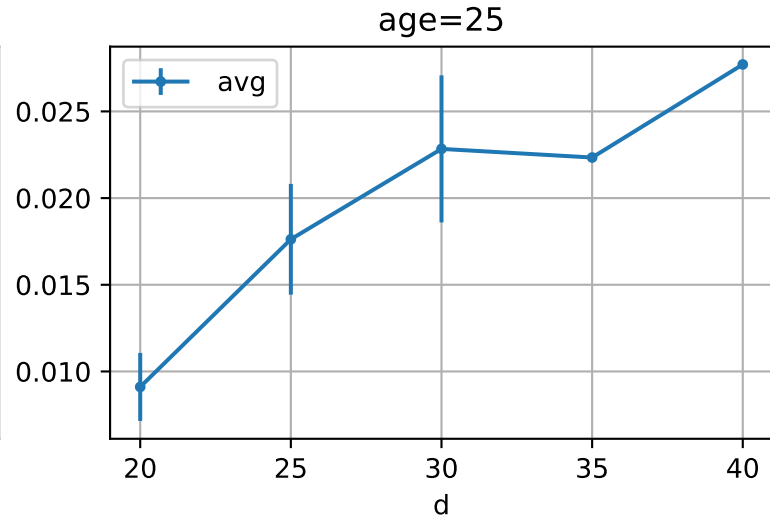
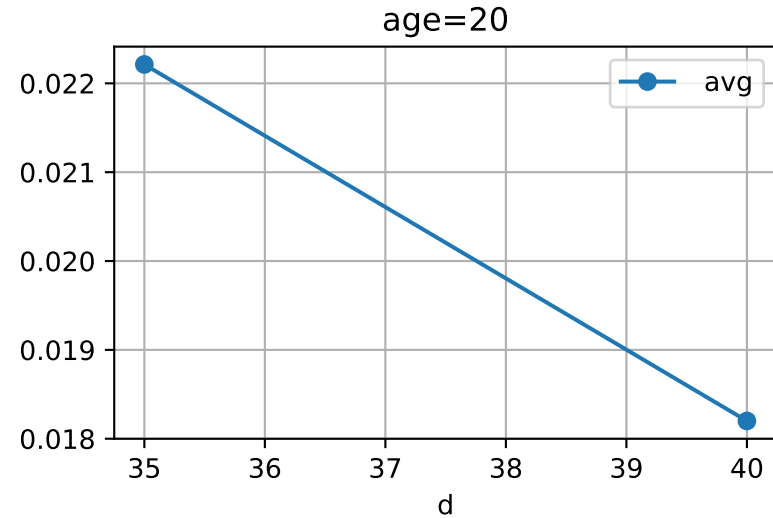
FHDdevStage (Def=1.5 Set=1.5)
avg1=na avg2=na



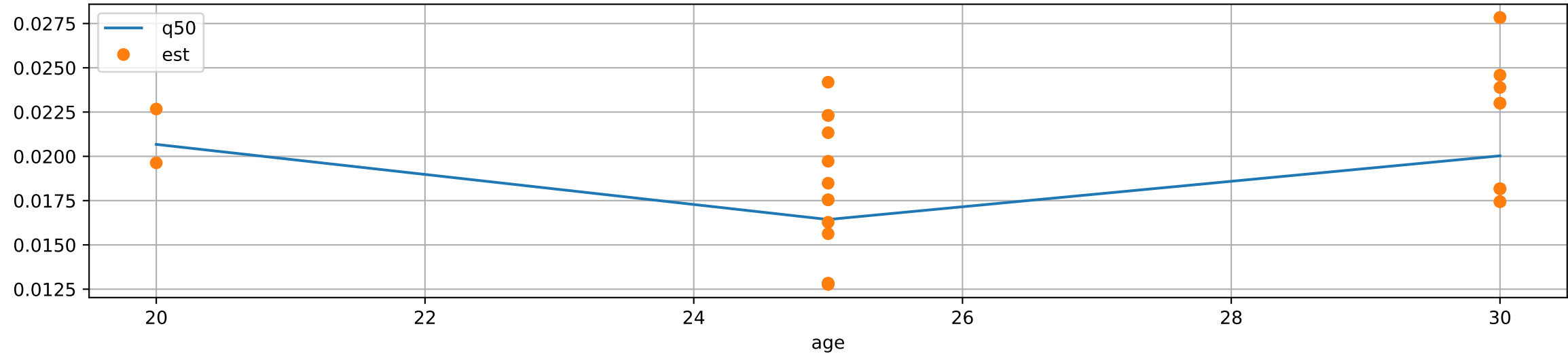
NNgen (Def=10 Set=8)
avg1=8.0~7% avg2=7.6



LfA: avg vs. d at each age group

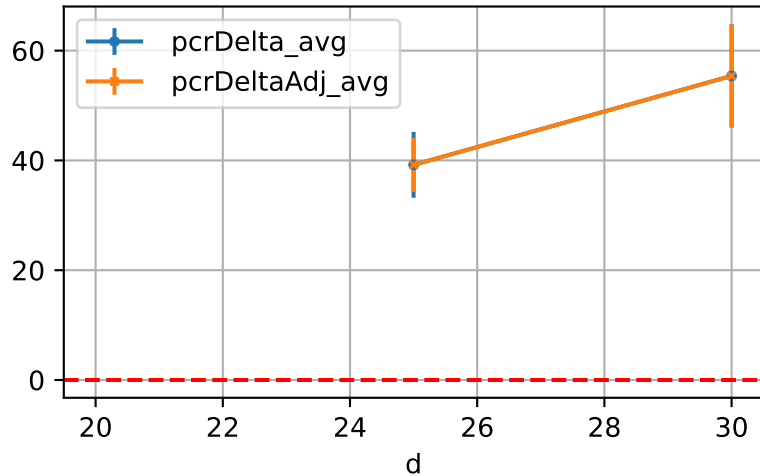


LfA: model est vs obsOv@Q50

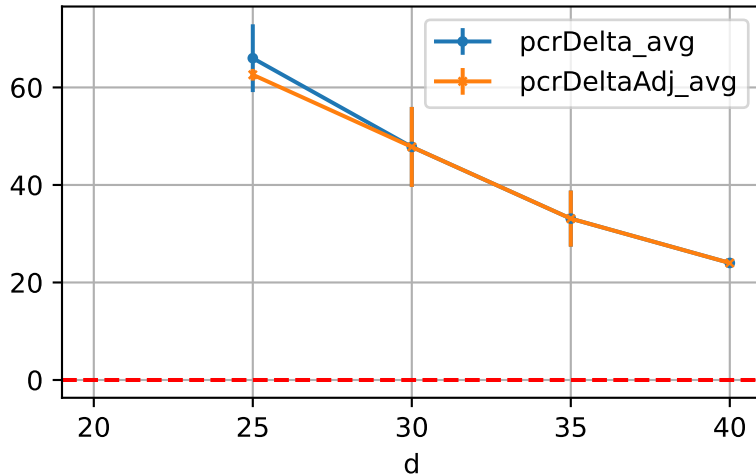


P10AE LfA: D_5d_LfA

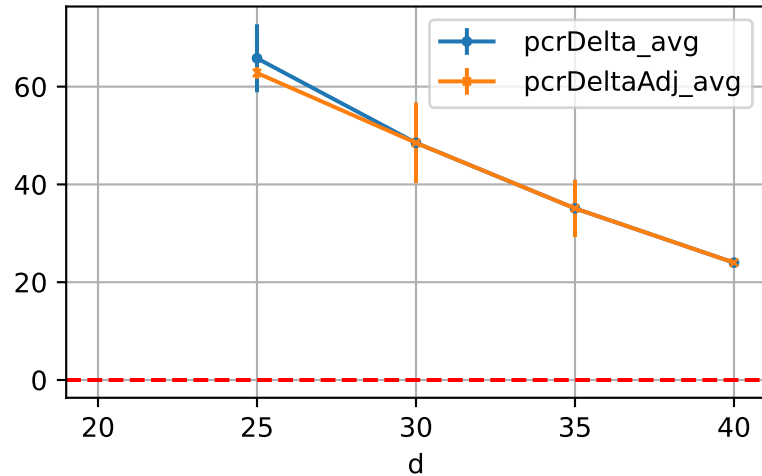
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

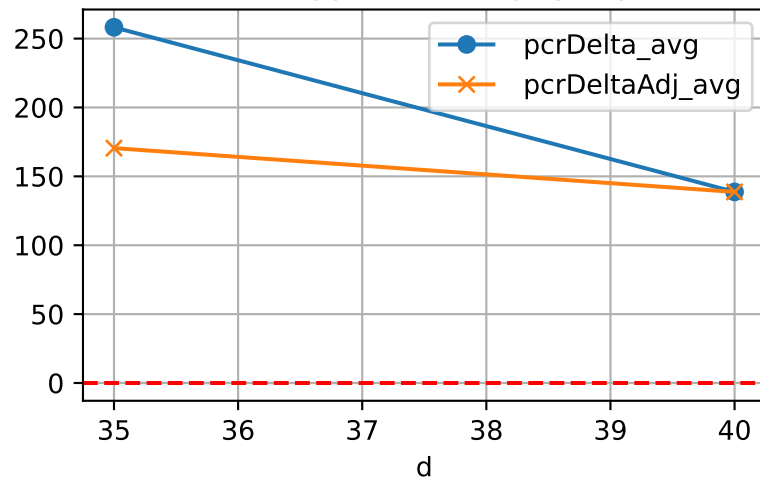


DeltaTypeAbbr=WeiAvgByD

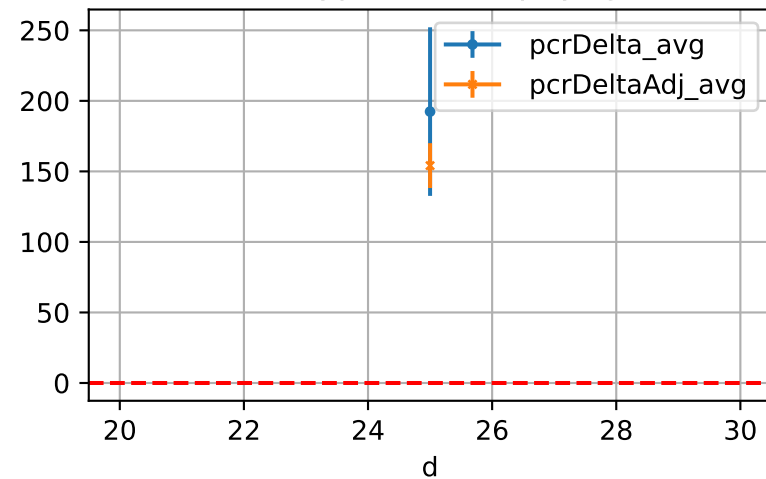


P10AE LfA: D_15d_LfA

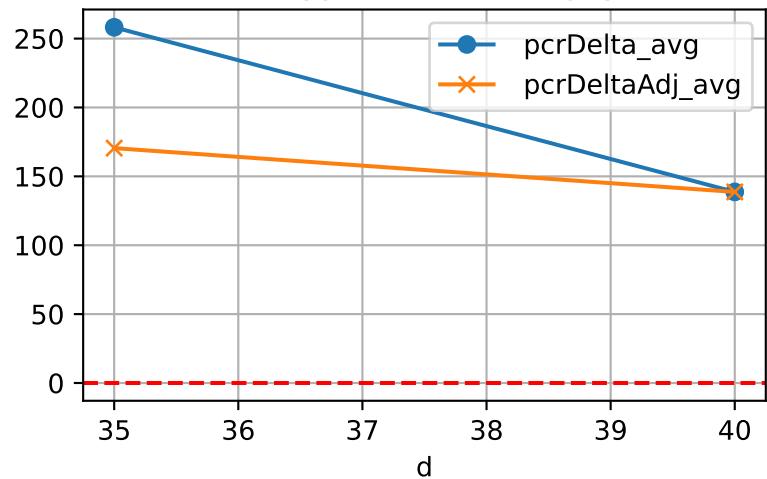
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=WeiAvgByD

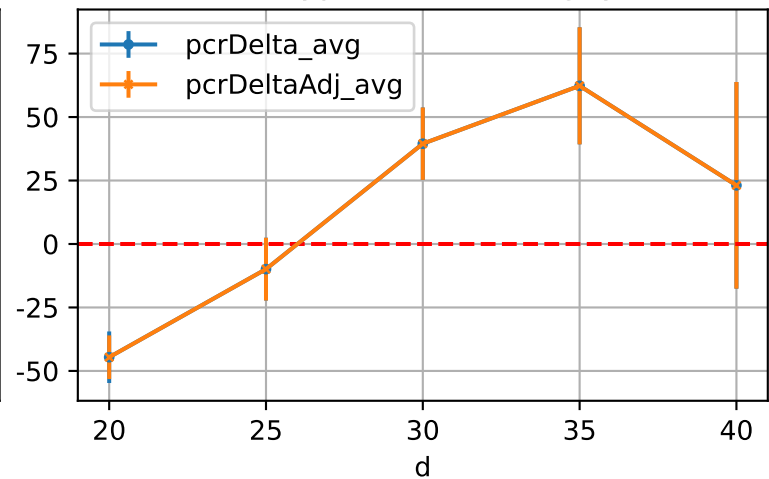
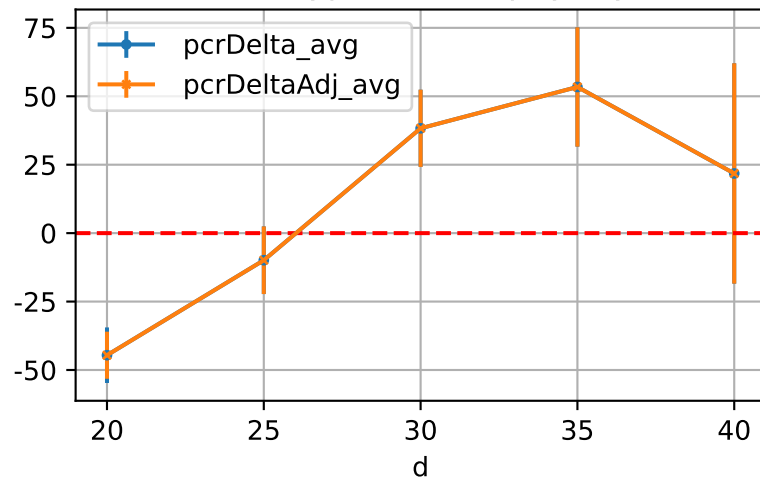
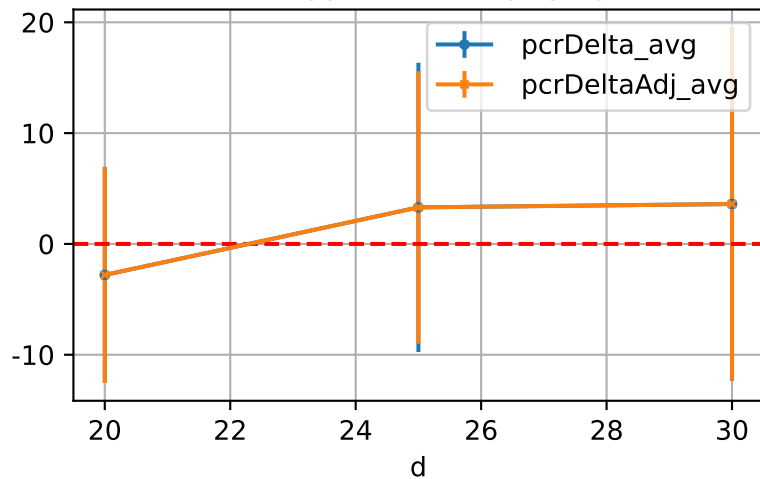


P10AE LfA: D_Q50_LfA

DeltaTypeAbbr=GrpByAge

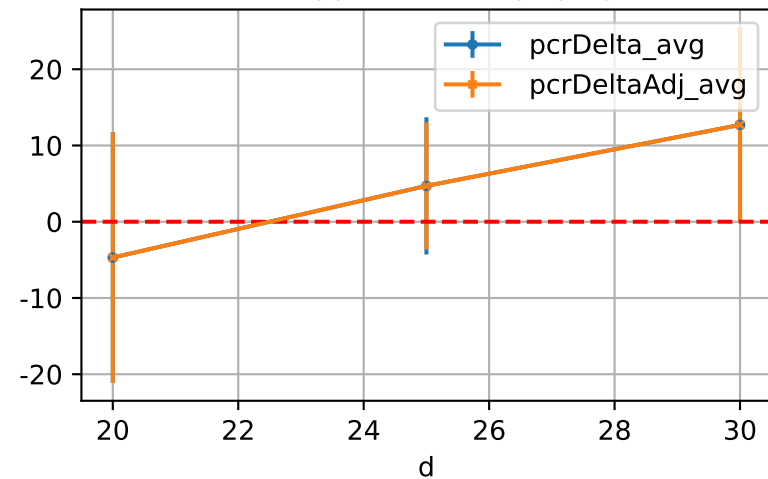
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

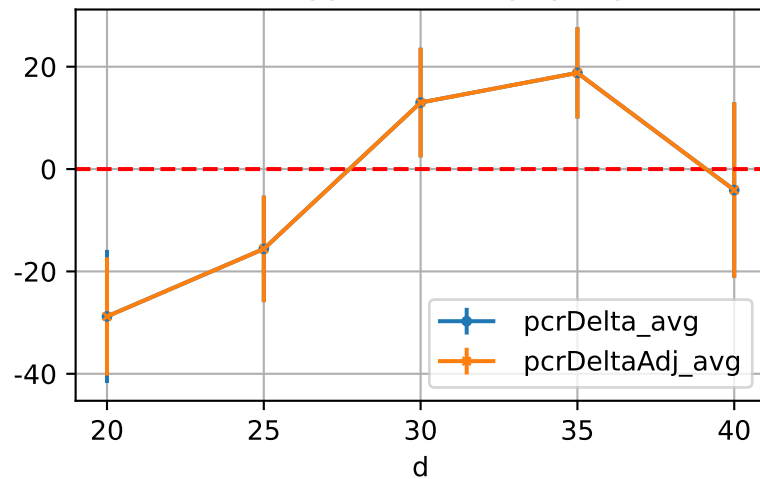


P10AE LfA: D_Est_LfA

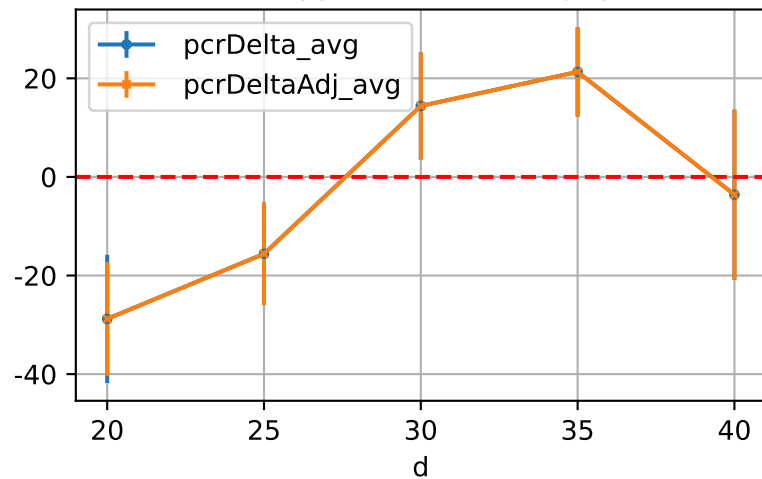
DeltaTypeAbbr=GrpByAge



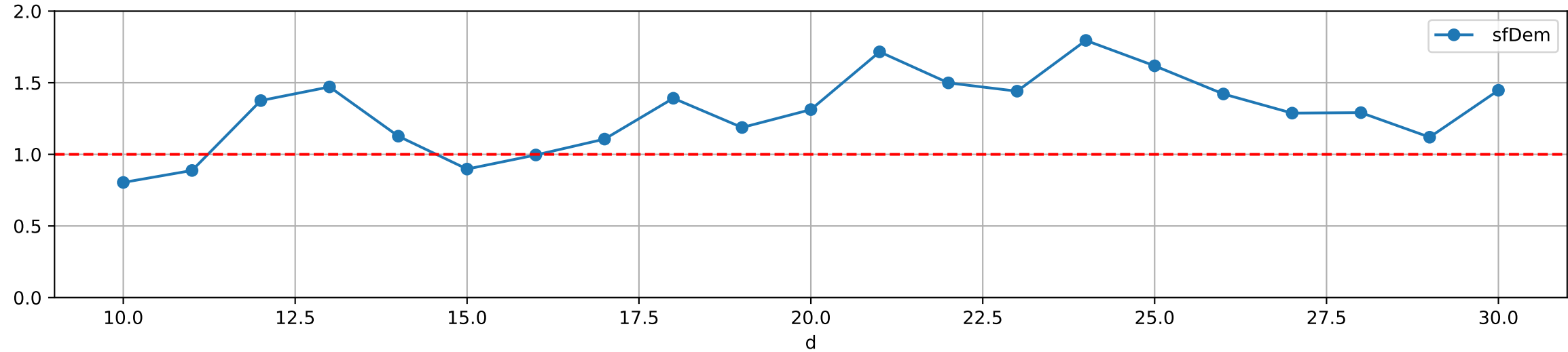
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD



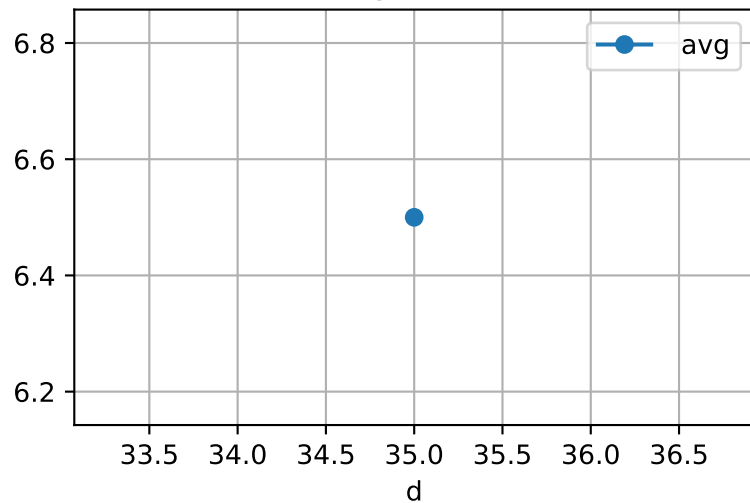
LfA: sfDem



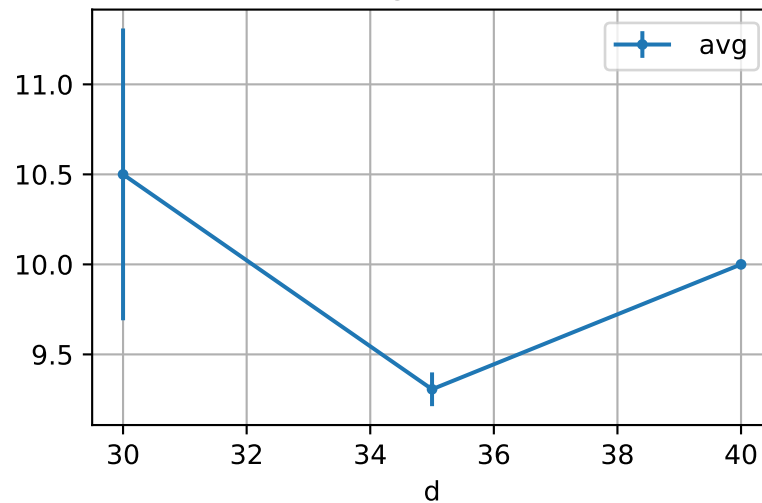


NdD: avg vs. d at each age group

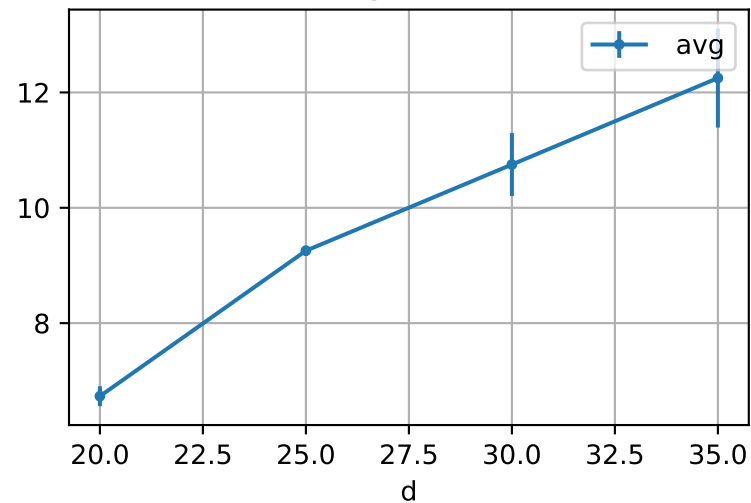
age=15



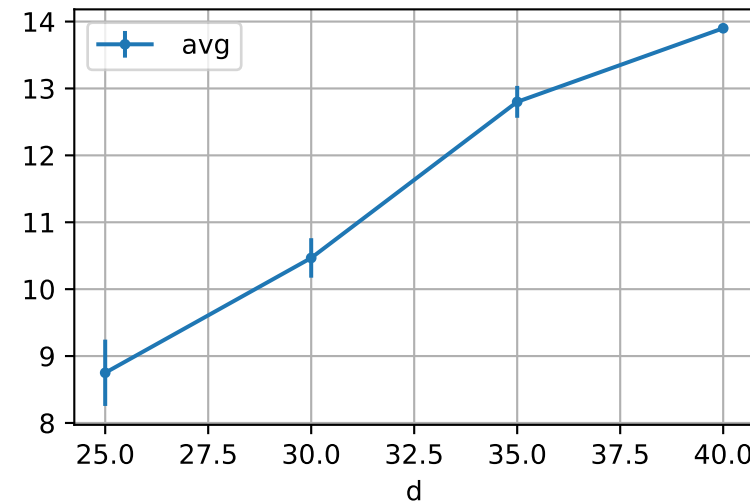
age=20



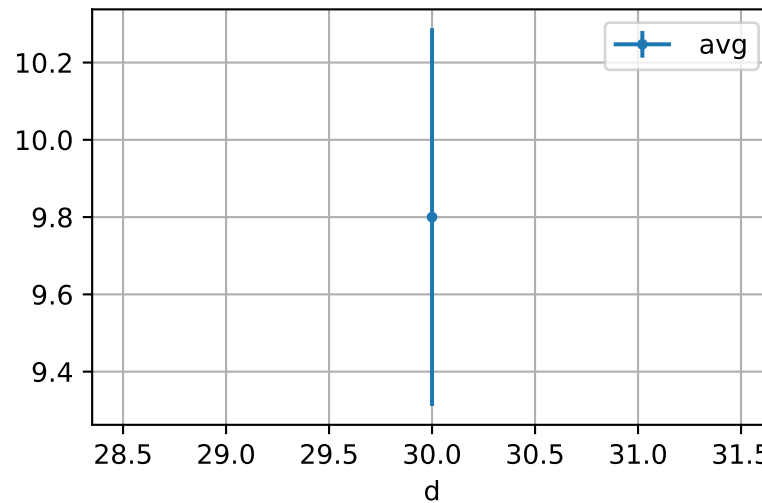
age=25



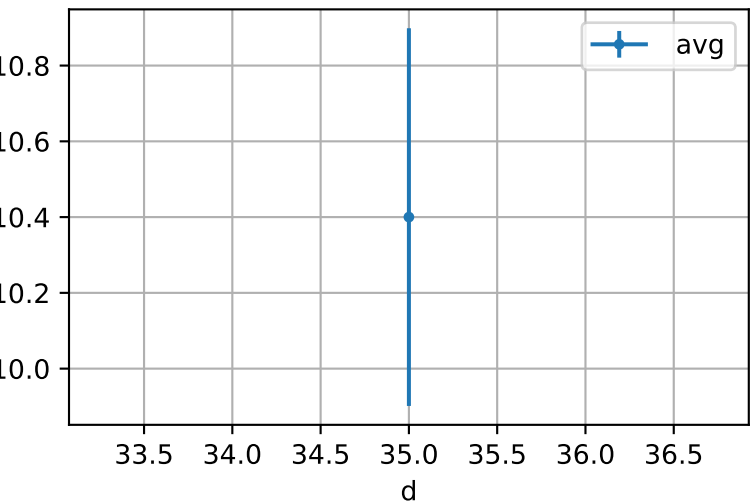
age=30



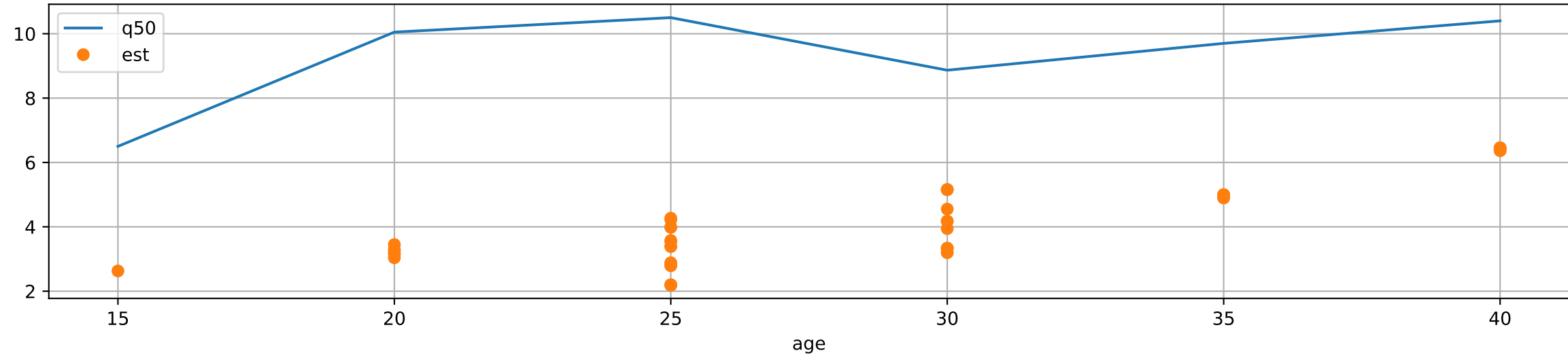
age=35



age=40

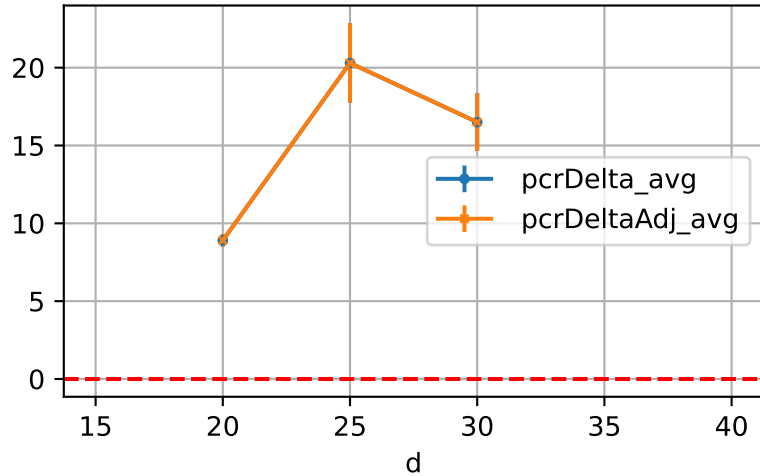


NdD: model est vs obsOv@Q50

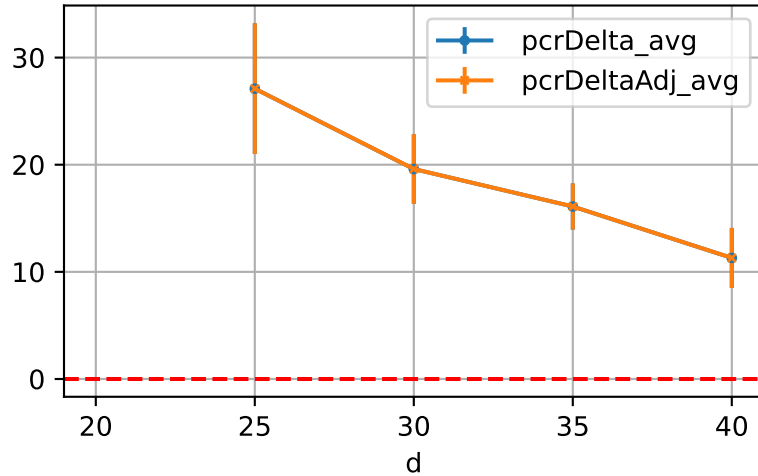


P10AE NdD: D_5d_NdD

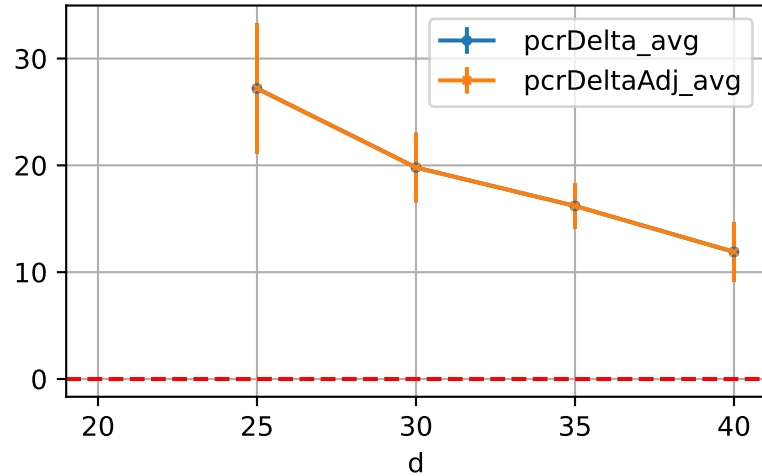
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

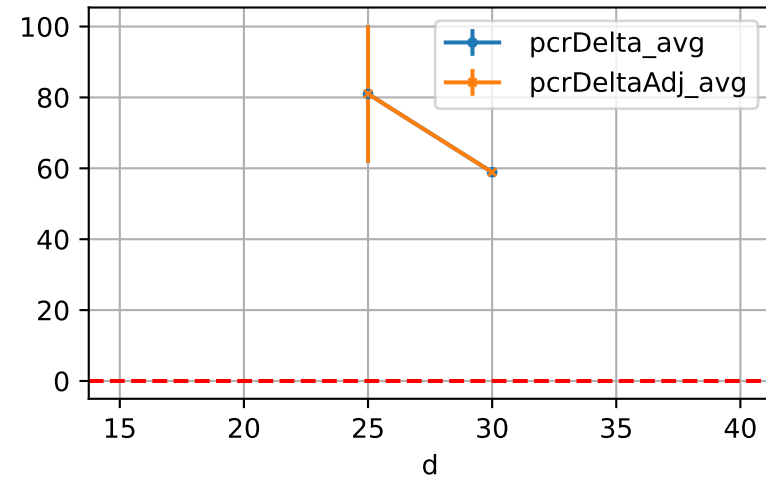


DeltaTypeAbbr=WeiAvgByD

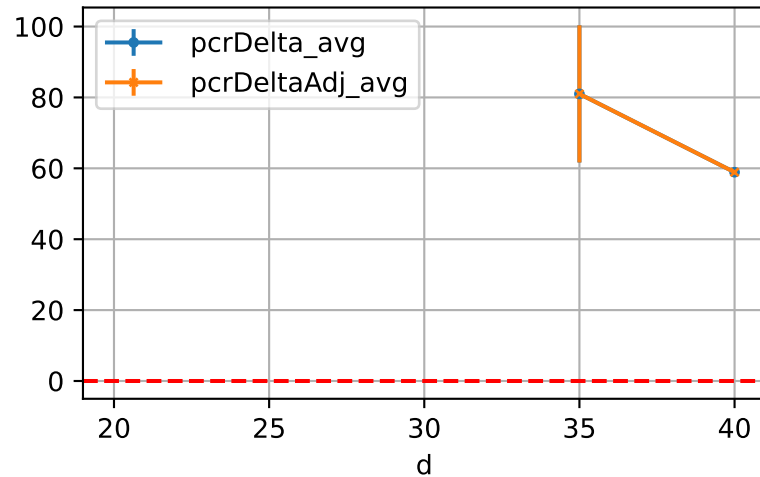


P10AE NdD: D_15d_NdD

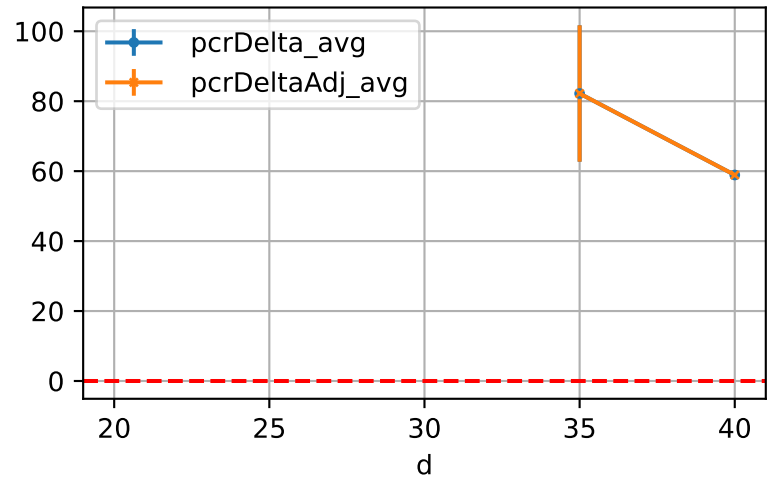
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

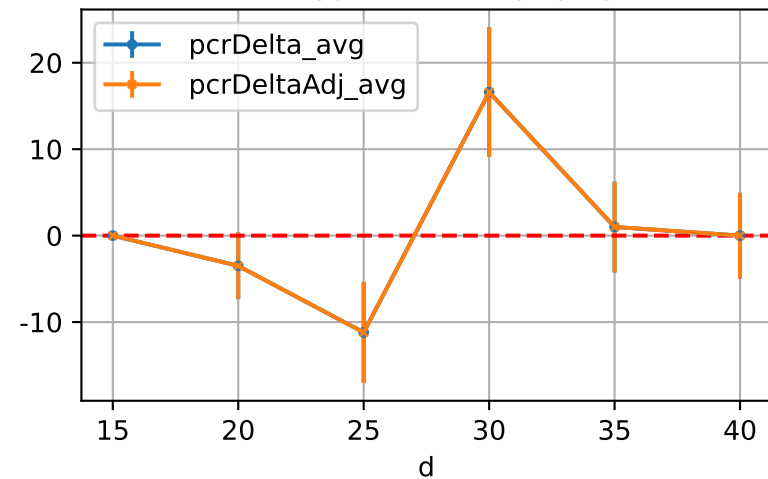


DeltaTypeAbbr=WeiAvgByD

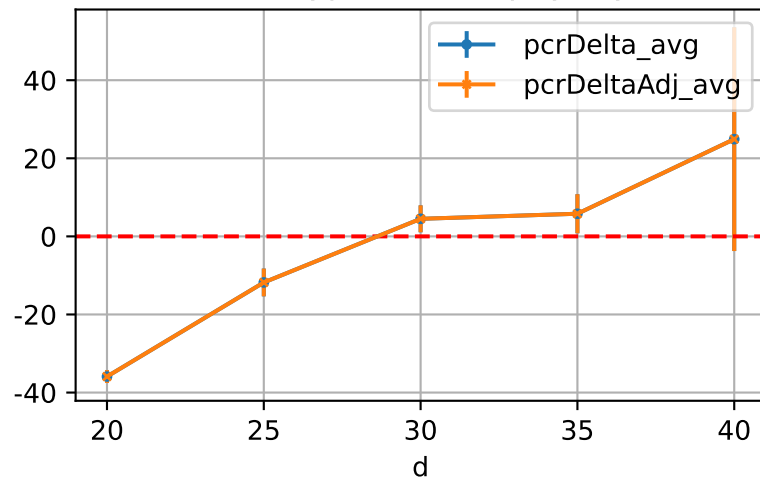


P10AE NdD: D_Q50_NdD

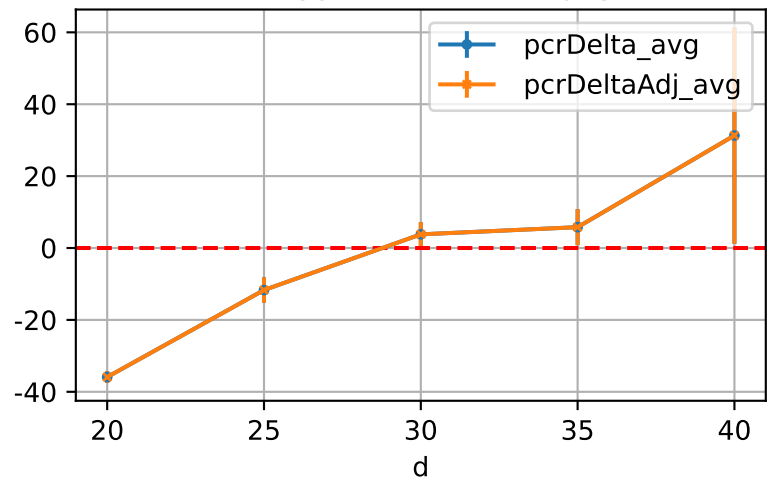
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DeltaTypeAbbr=GrpByDay

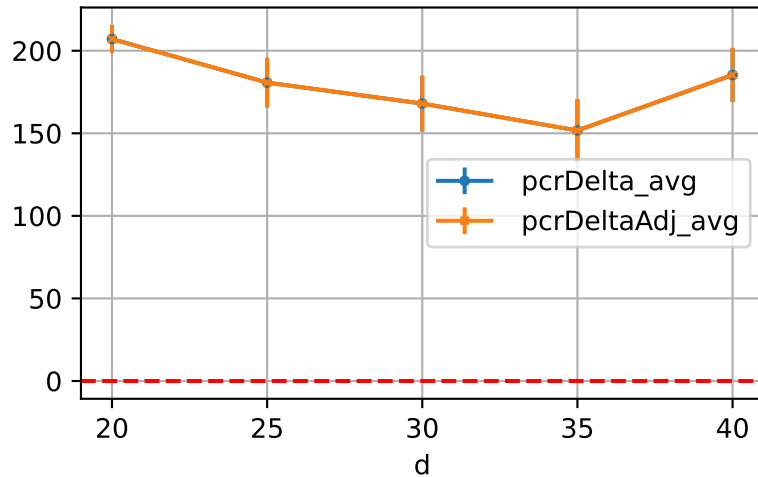


DeltaTypeAbbr=WeiAvgByD

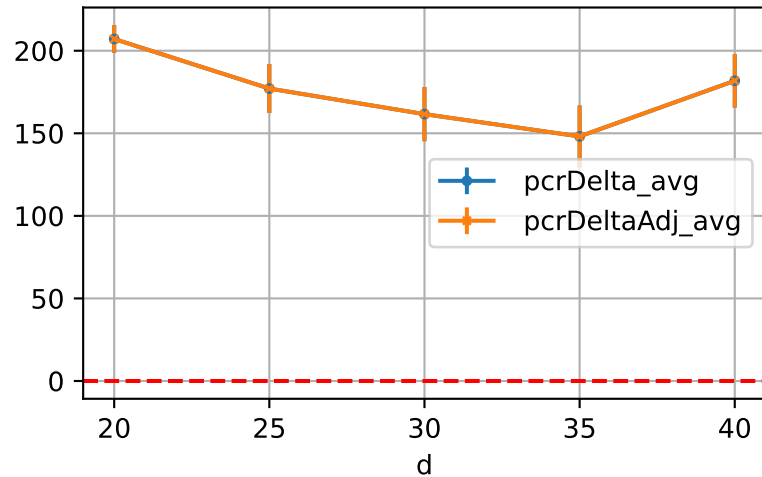


P10AE NdD: D_Est_NdD

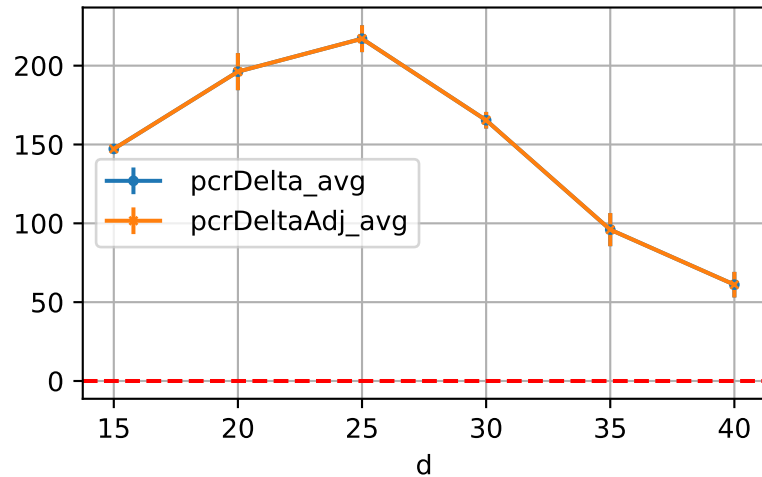
DeltaTypeAbbr=GrpByDay



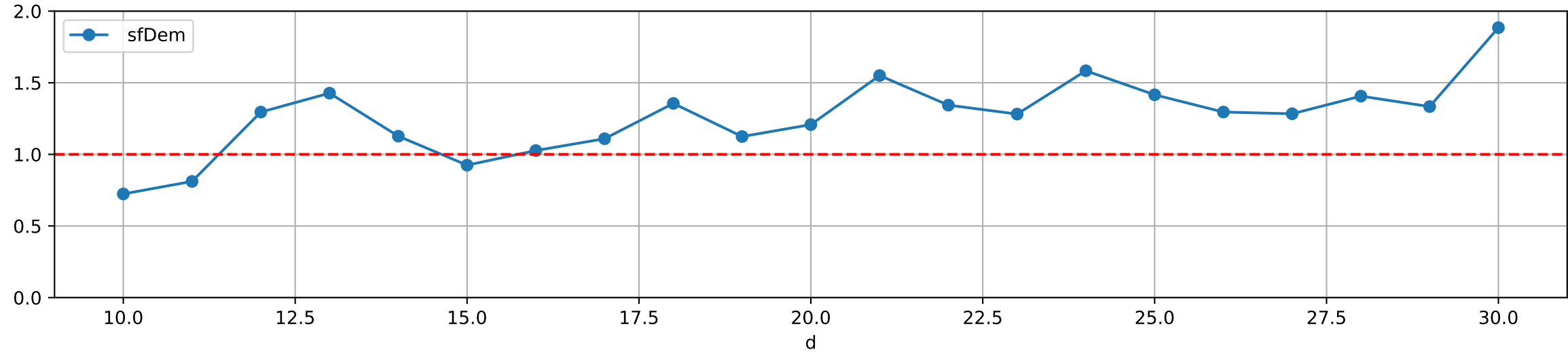
DeltaTypeAbbr=WeiAvgByD



DeltaTypeAbbr=GrpByAge

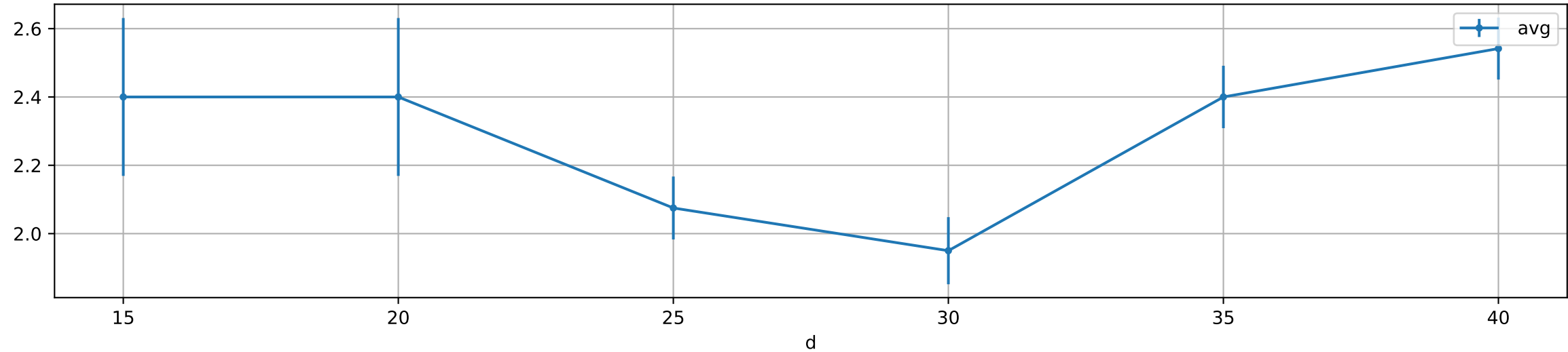


NdD: sfDem

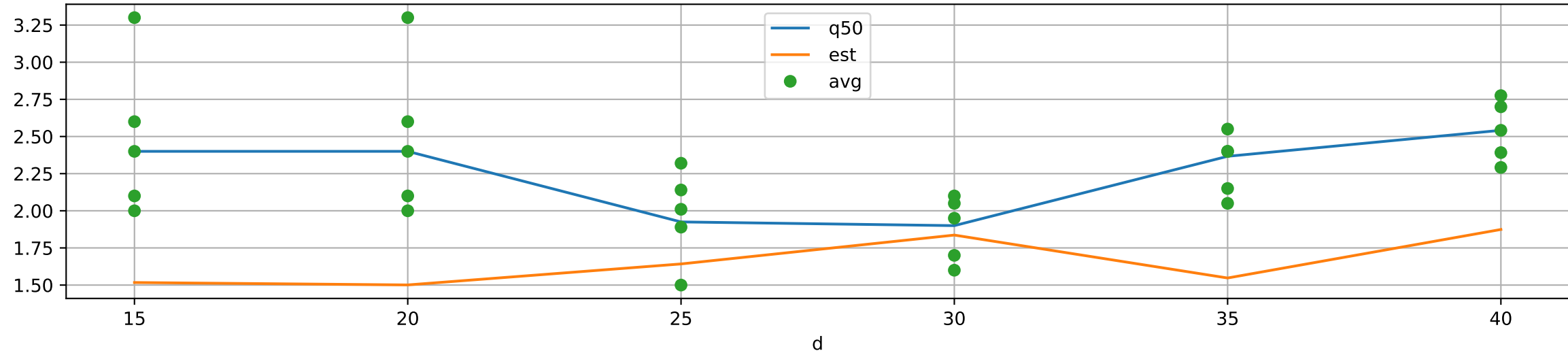




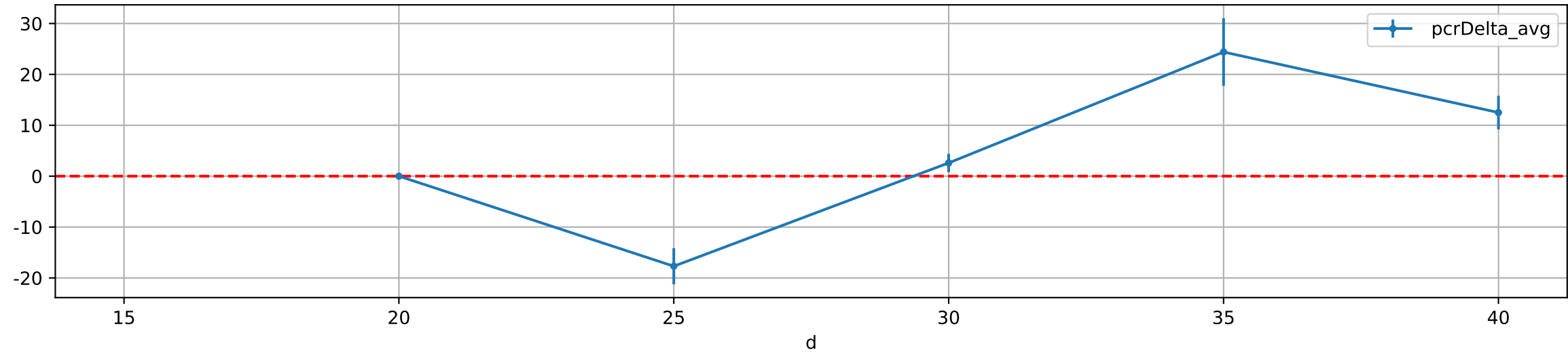
dStH: avg vs. d



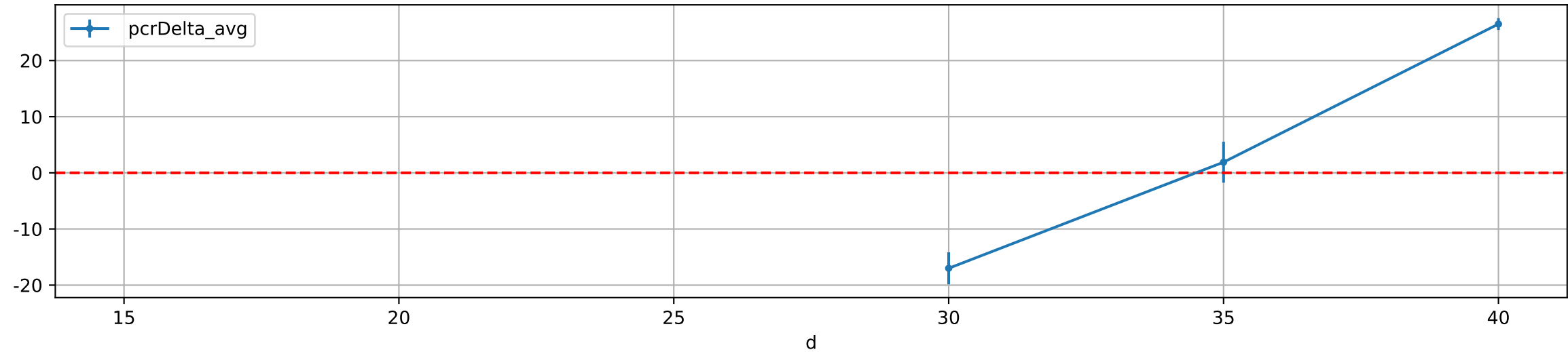
dStH: obsAvg vs obsOv@Q50



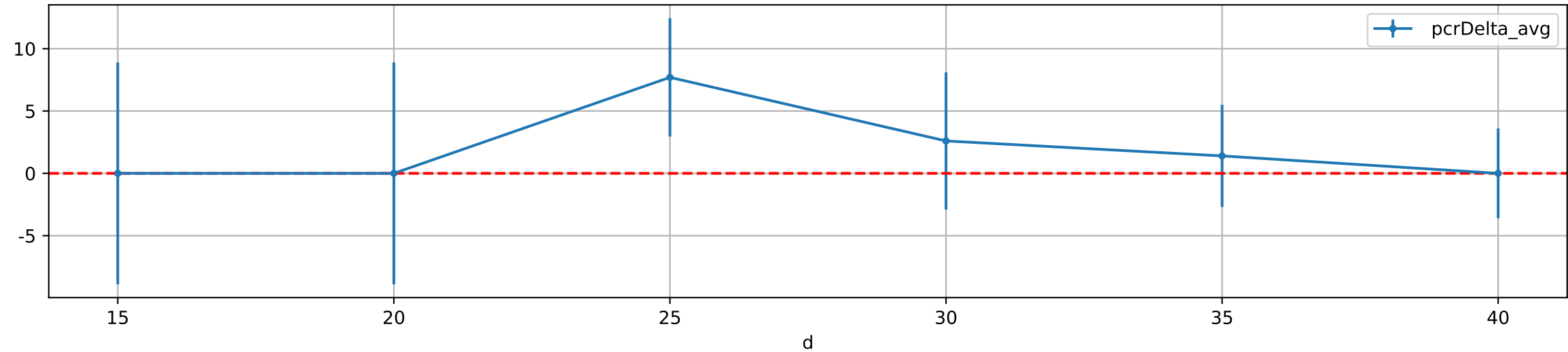
dStH: D_5d_StH



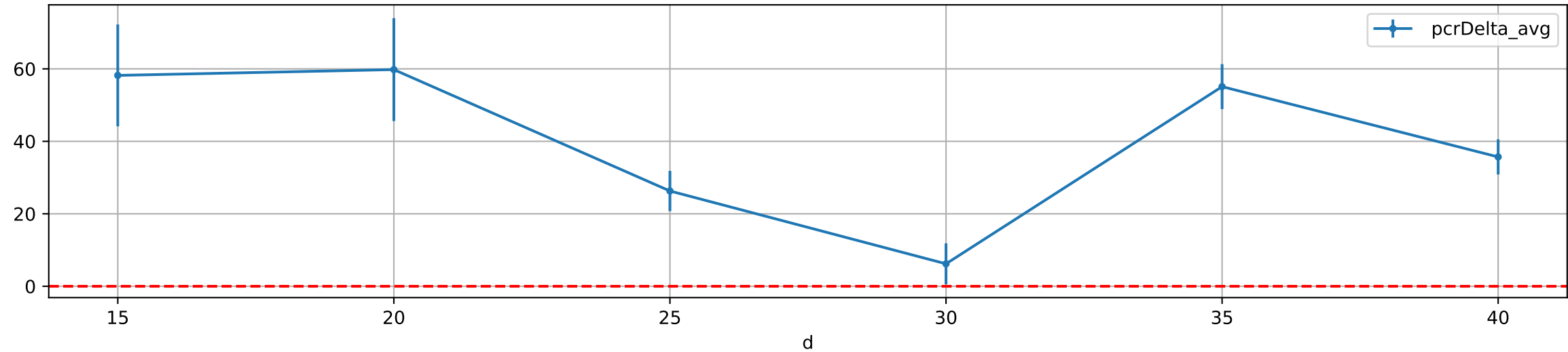
dStH: D_15d_StH



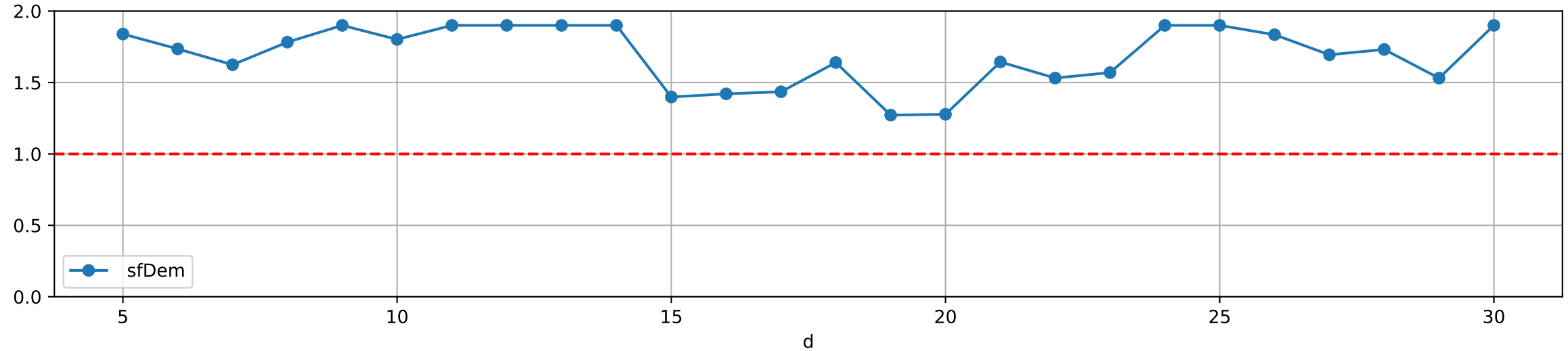
dStH: D_Q50_StH



dStH: D_Est_StH

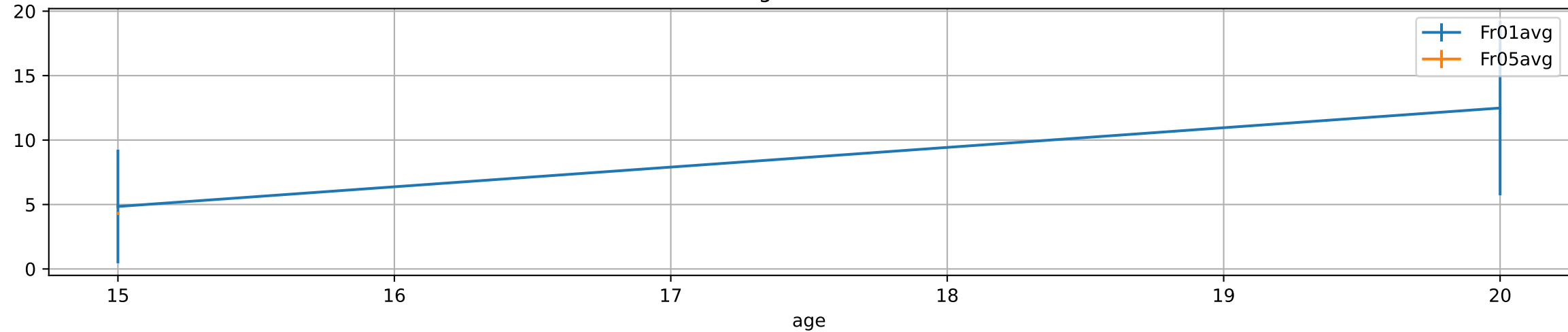


dStH: sfDem



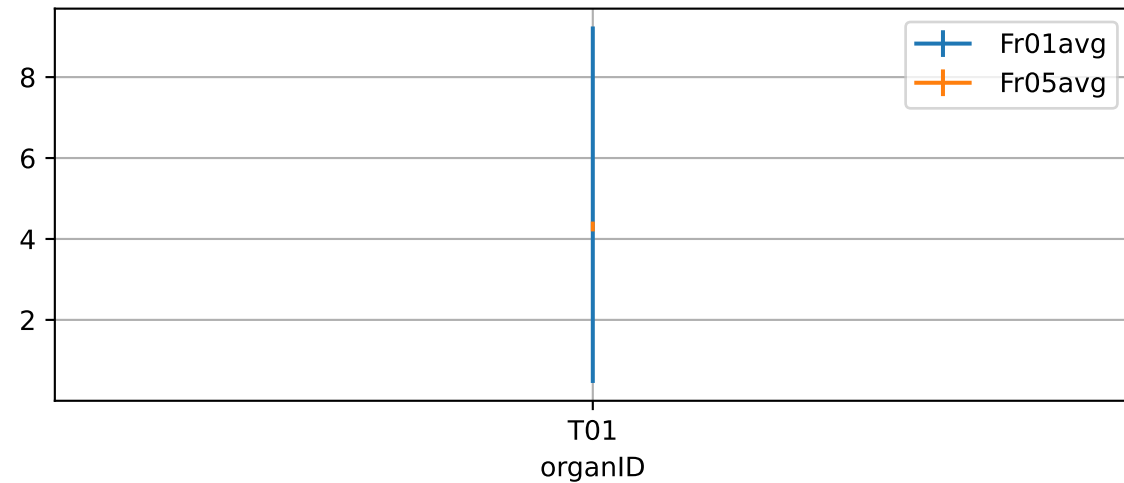


FrV: Fr01 vs Fr05 at each truss
organID=T01

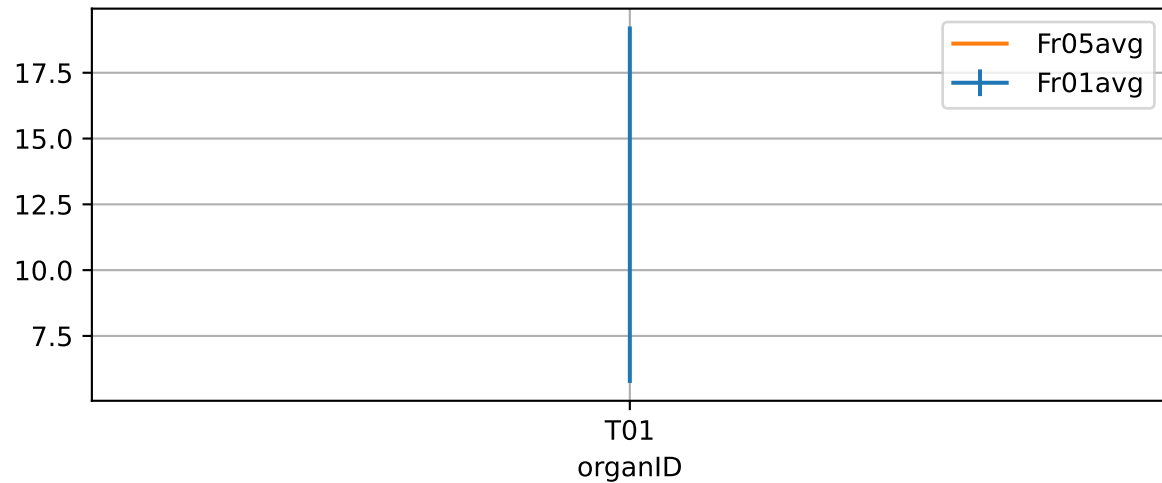


FrV trend at each age

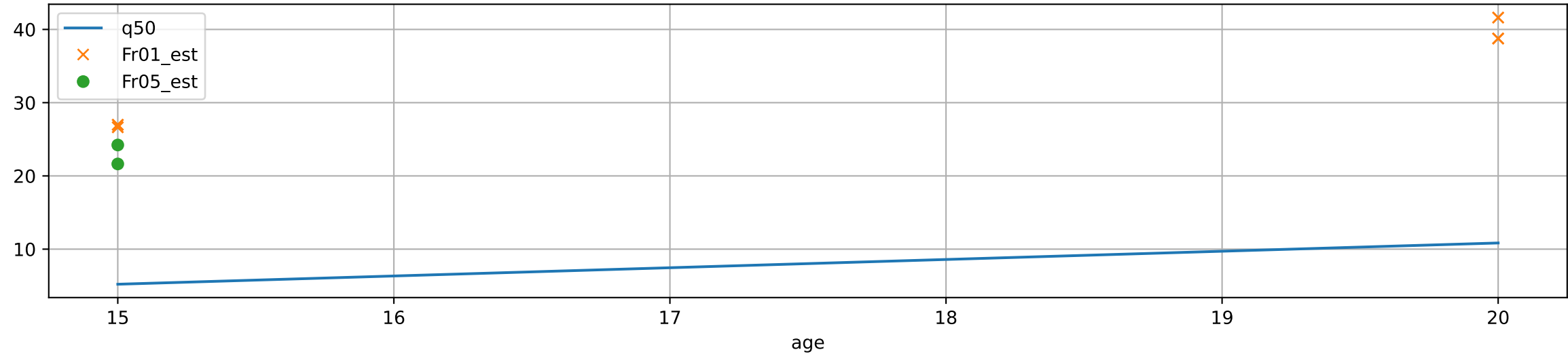
age=15



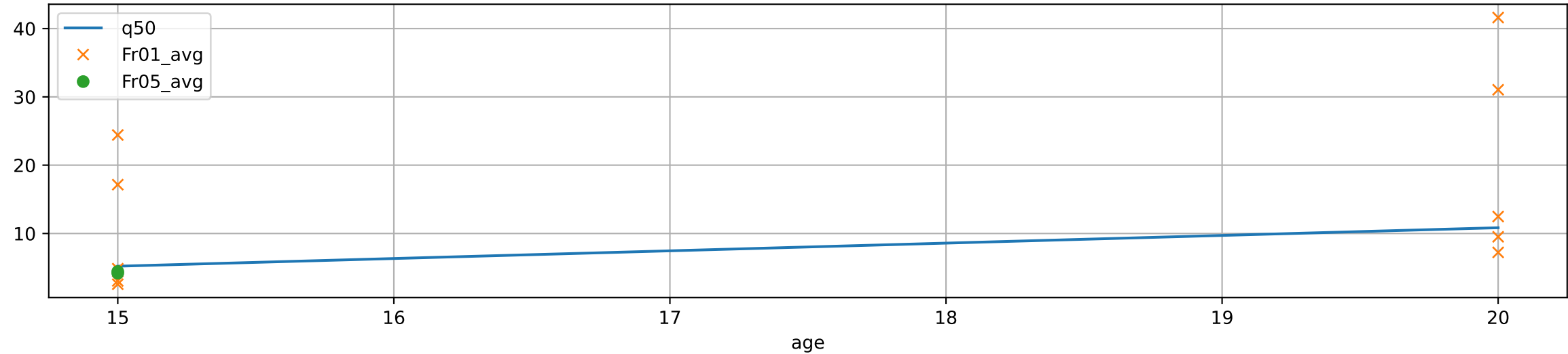
age=20



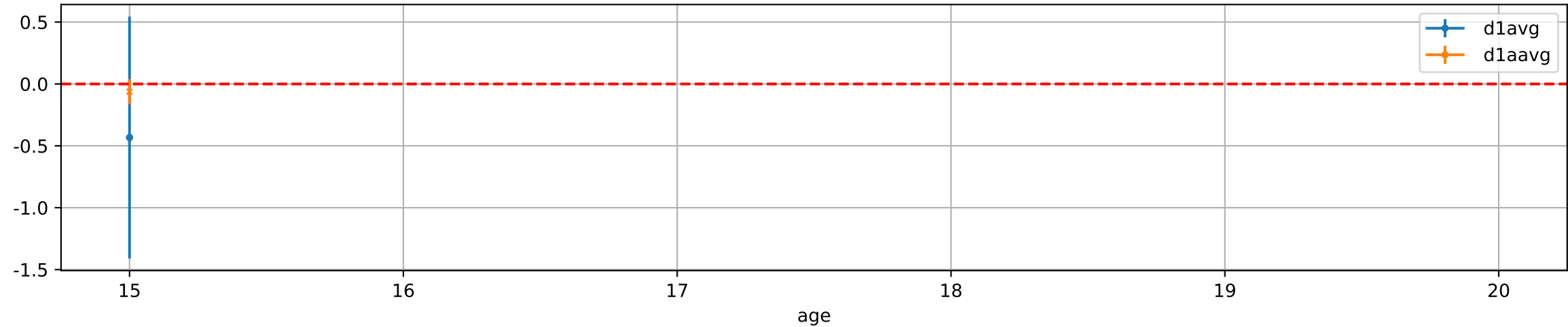
FrV: model Est vs obsFrV at Q90



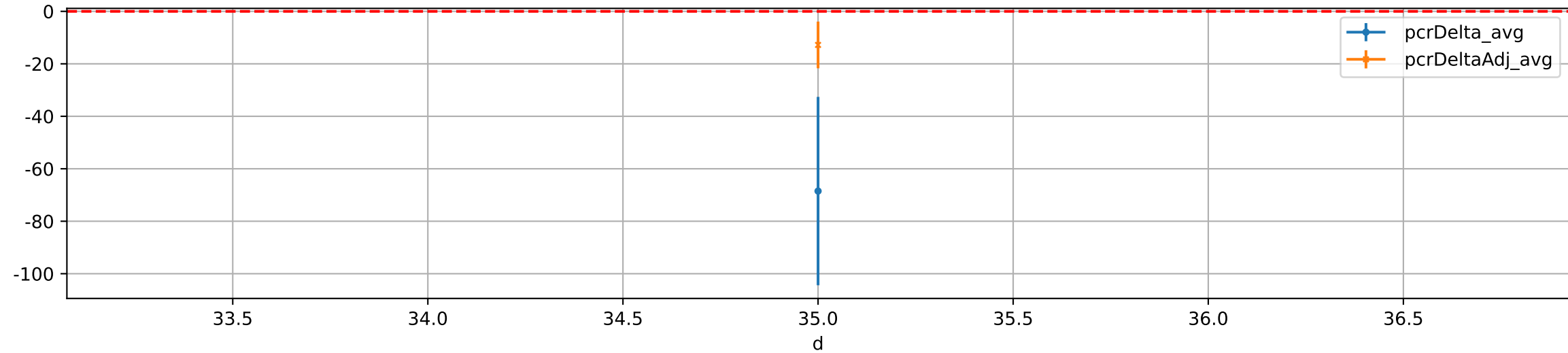
FrV: obsFrV vs obsFrV@Q90



FrV: D_Fr1_FrV
organID=1

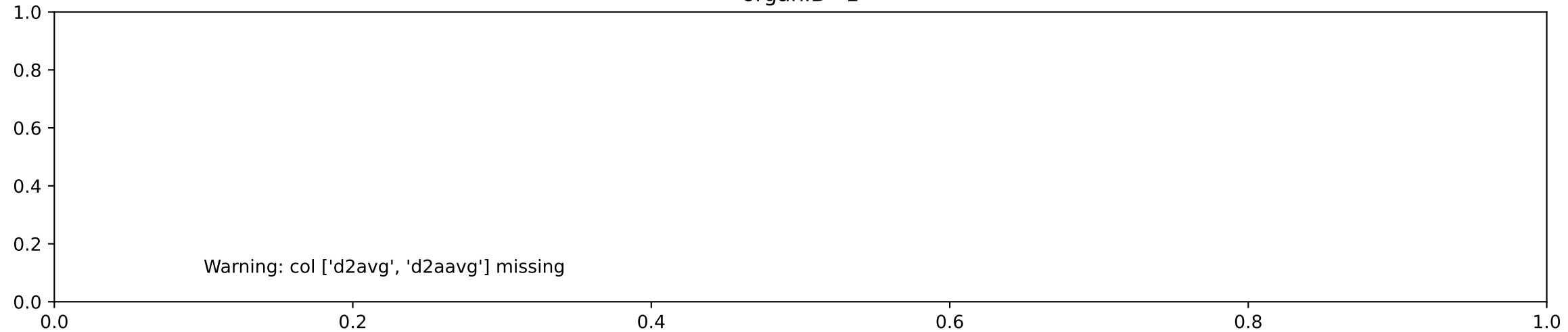


P10AE FrV: D_Fr1_FrV

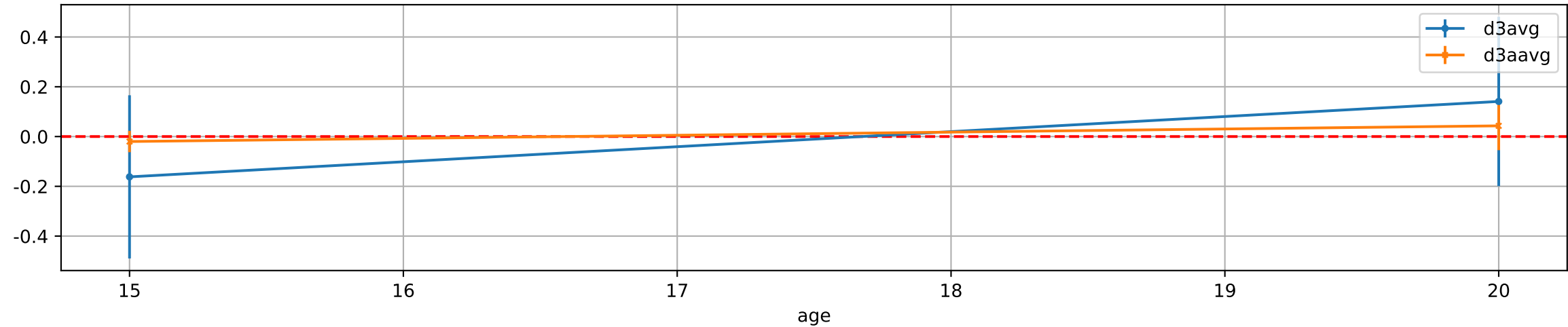


FrV: D_Ts_FrV
organID=1

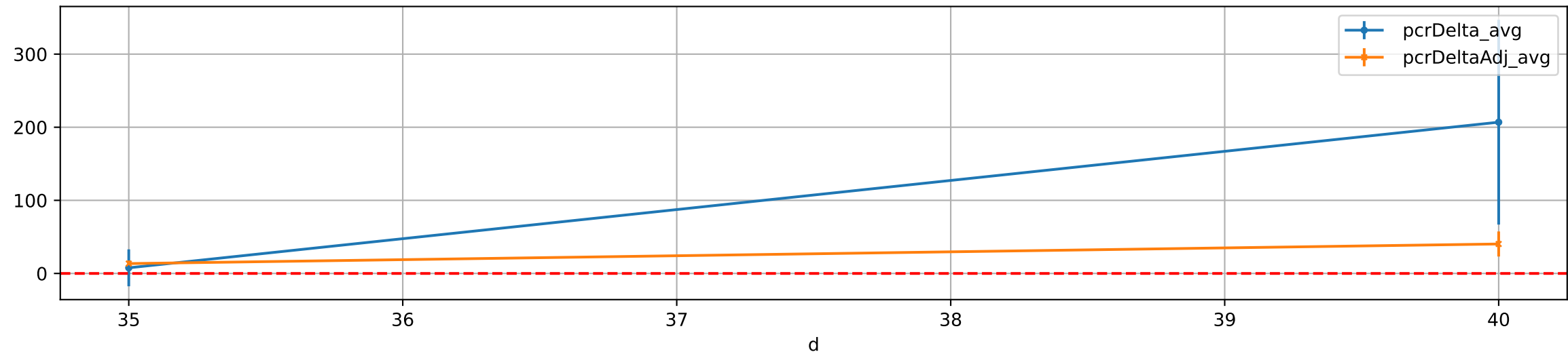
Warning: col ['d2avg', 'd2aavg'] missing



FrV: D_Q50_FrV
organID=1



P10AE FrV: D_Q50_FrV



FrV: D_Est_FrV
organID=1

