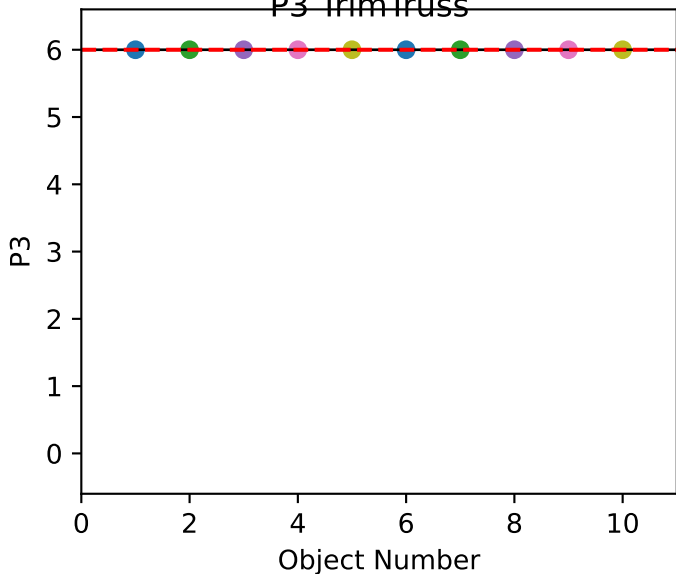


Phenotype Data Analysis Plots
PhenoData day range = 5 - 41
Analysis cutoff day = 41
NC11 P3
2025-05-17 (Day 42)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

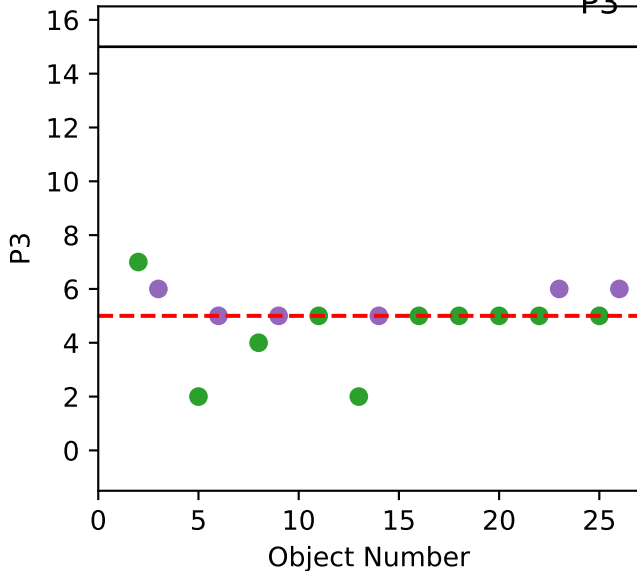
p3 Trim Truss



FruitNumAvgPerTruss (Def=15 Set=5)

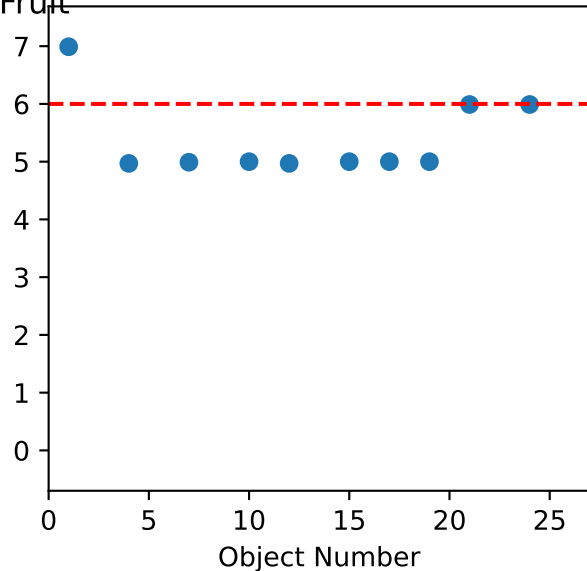
avg1=5.0~0% avg2=na

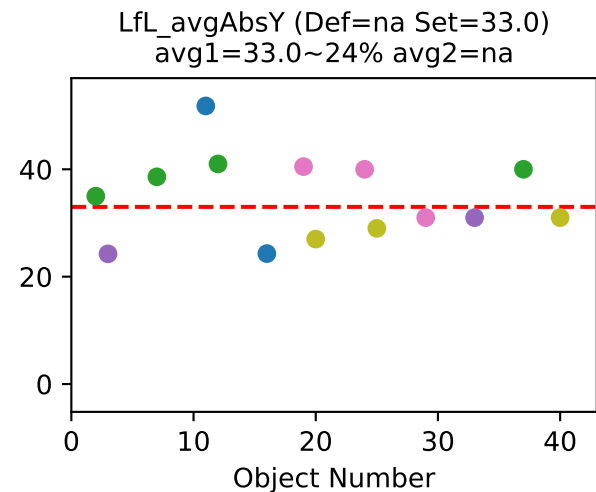
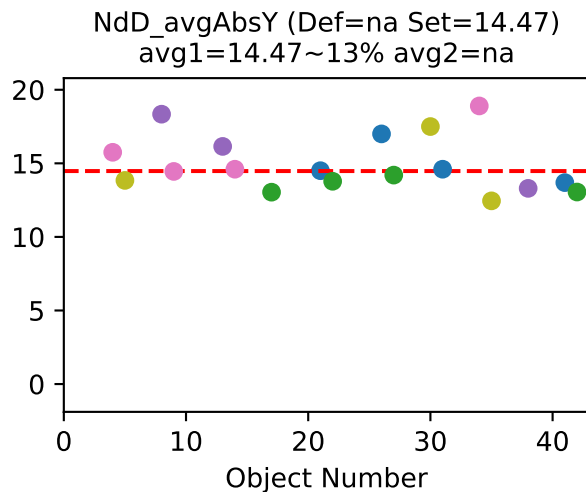
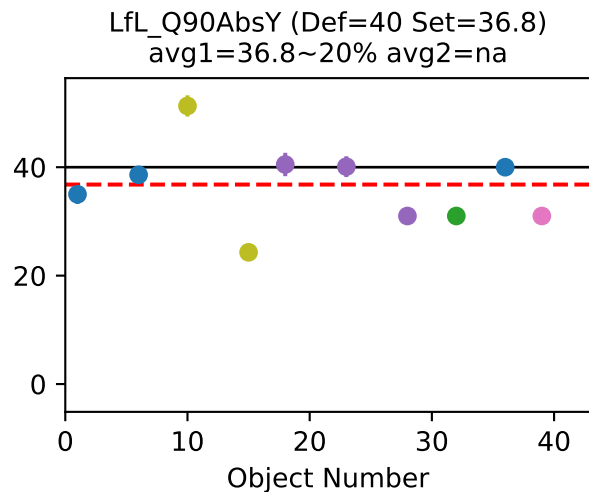
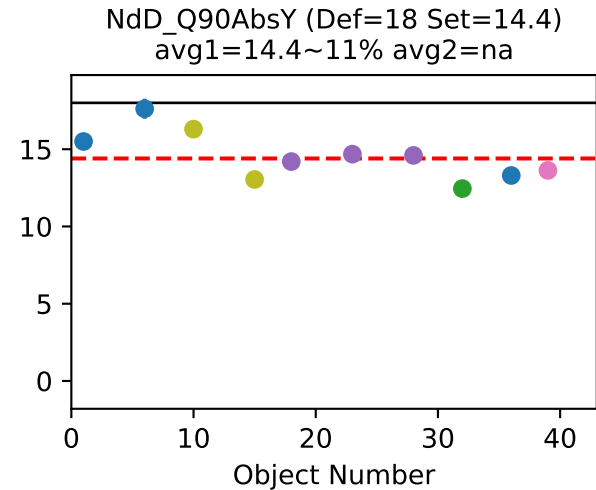
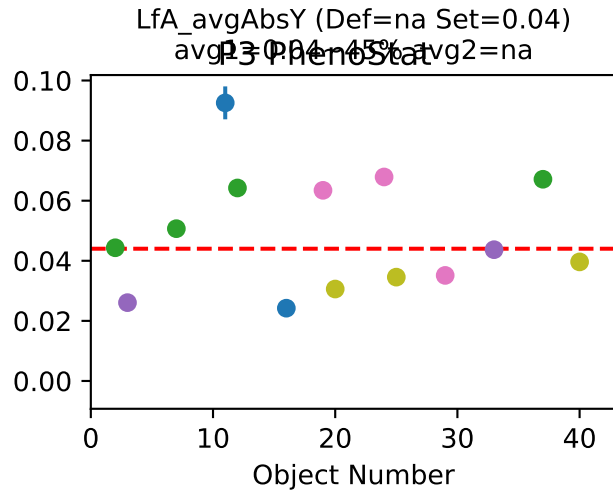
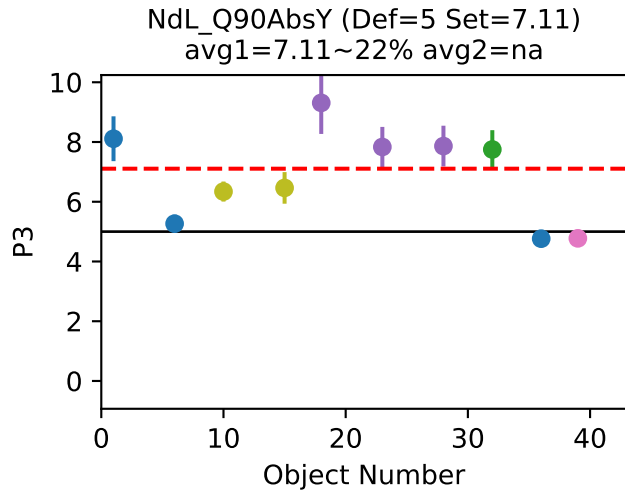
P3 TrimFruit



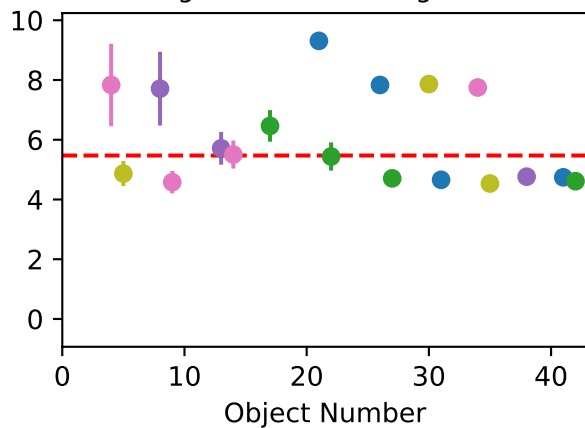
FruitNumMaxPerTruss (Def=na Set=6)

avg1=6.0~7% avg2=na

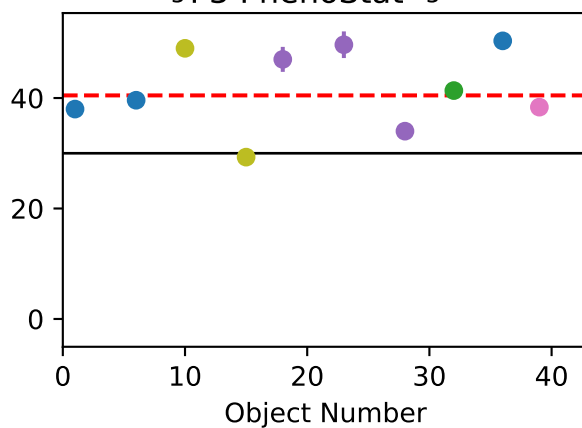




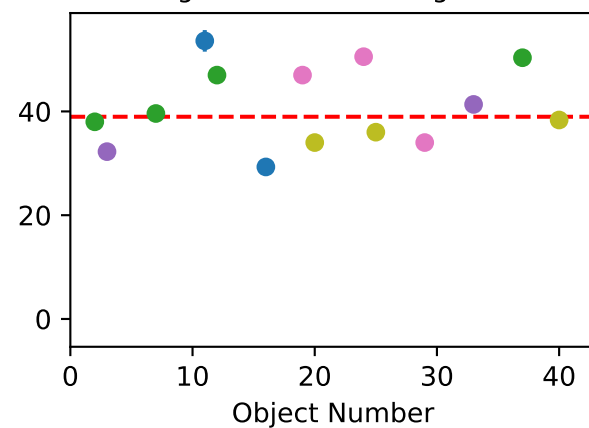
NdL_avgAbsY (Def=na Set=5.47)
avg1=5.47~29% avg2=na



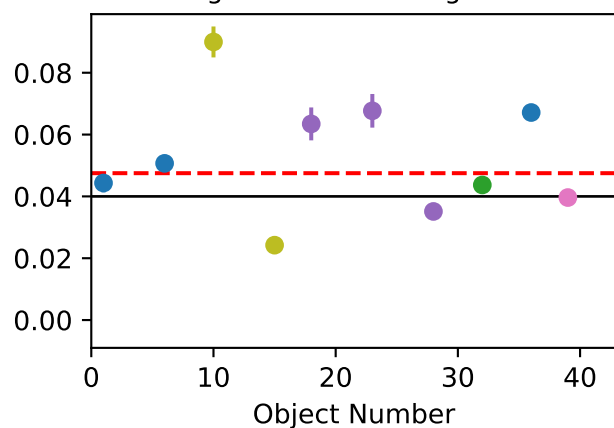
LfW_Q90AbsY (Def=30 Set=40.48)
avg1=30~48% avg2=na



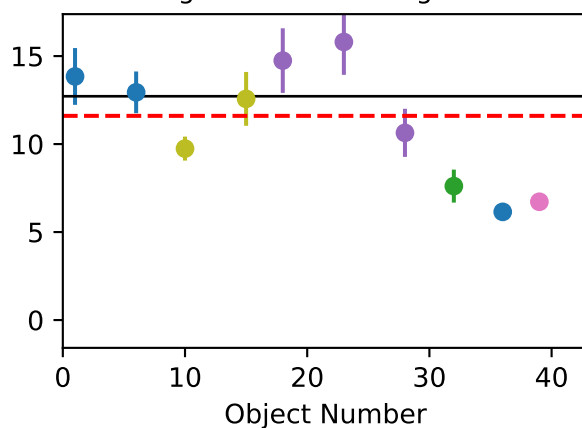
LfW_avgAbsY (Def=na Set=38.98)
avg1=38.98~20% avg2=na



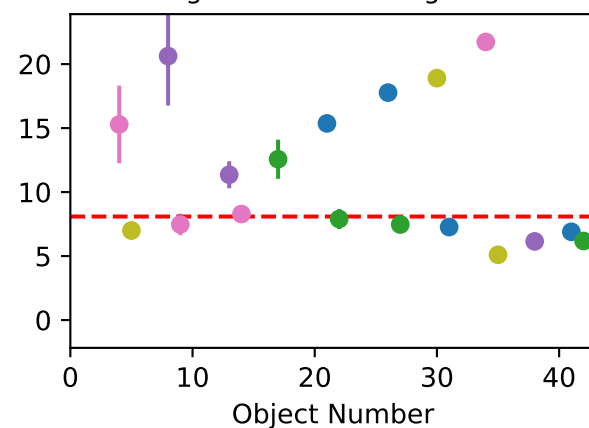
LfA_Q90AbsY (Def=0.04 Set=0.05)
avg1=0.05~41% avg2=na



NdV_Q90AbsY (Def=12.72 Set=11.6)
avg1=11.6~30% avg2=na

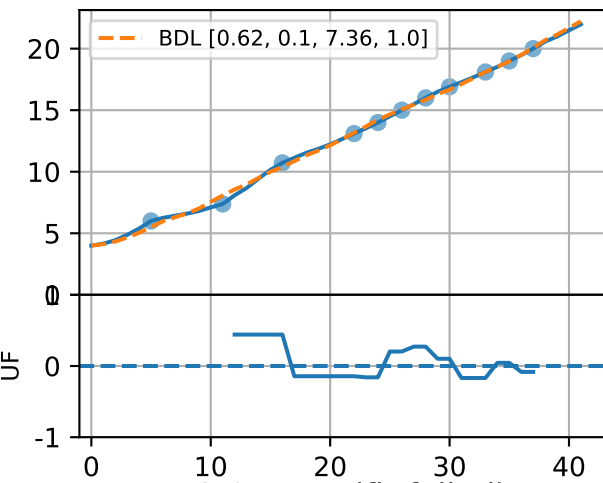


NdV_avgAbsY (Def=na Set=8.09)
avg1=8.09~69% avg2=na

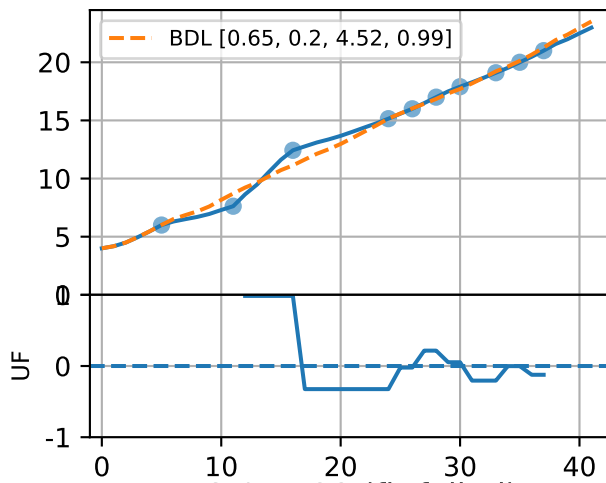


Non

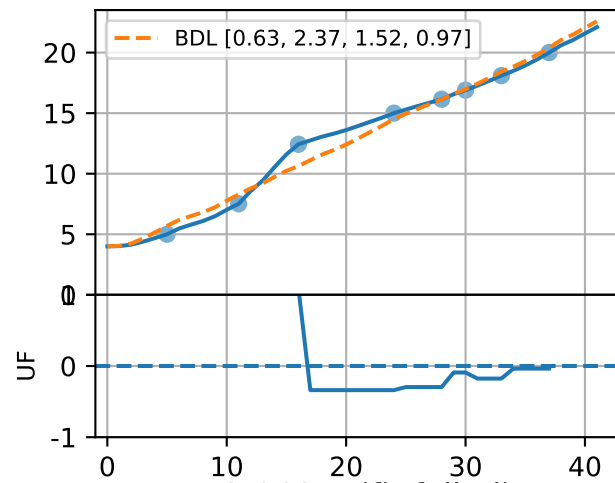
P3-009-13 (fit failed)



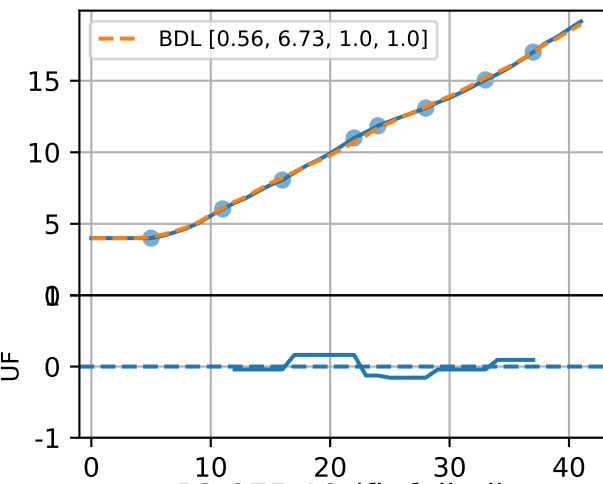
P3-021-19 (fit failed)



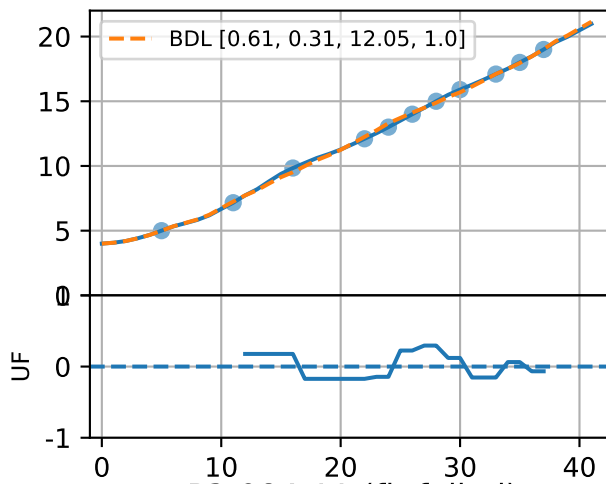
P3-034-5 (fit failed)



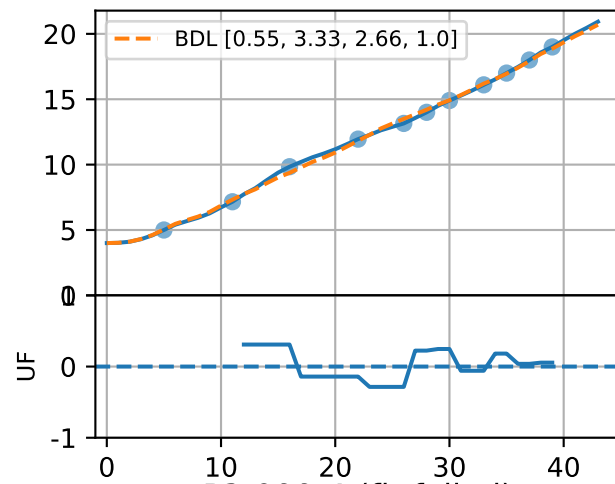
P3-045-17 (fit failed)



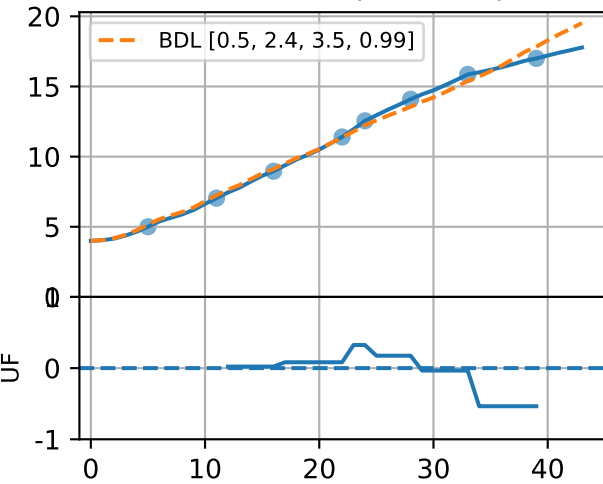
P3-054-28 (fit failed)



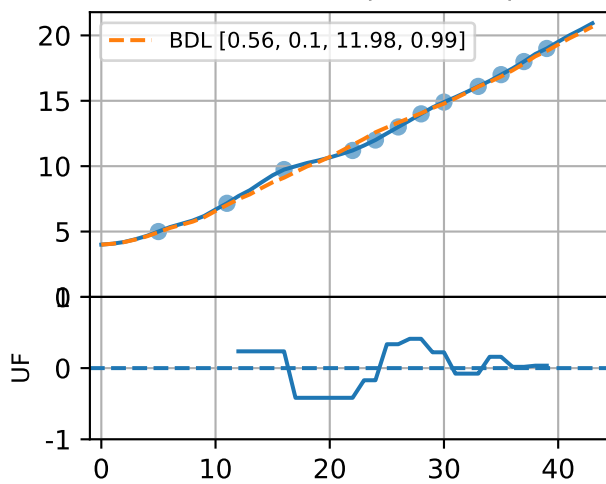
P3-068-4 (fit failed)



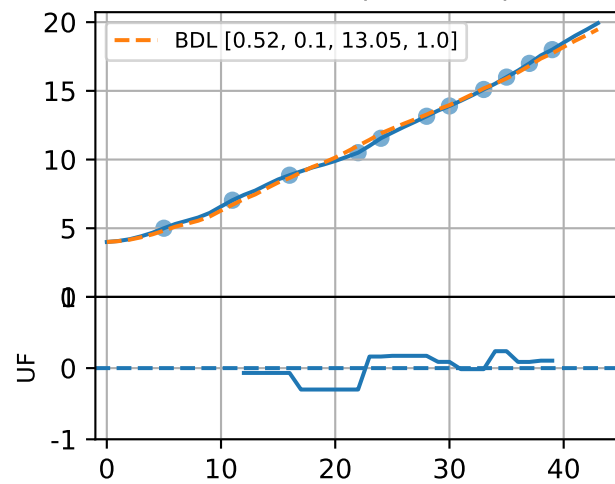
P3-075-19 (fit failed)



P3-084-11 (fit failed)

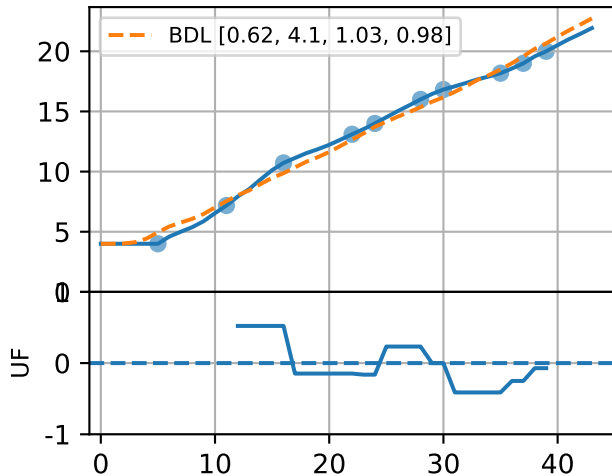


P3-099-4 (fit failed)



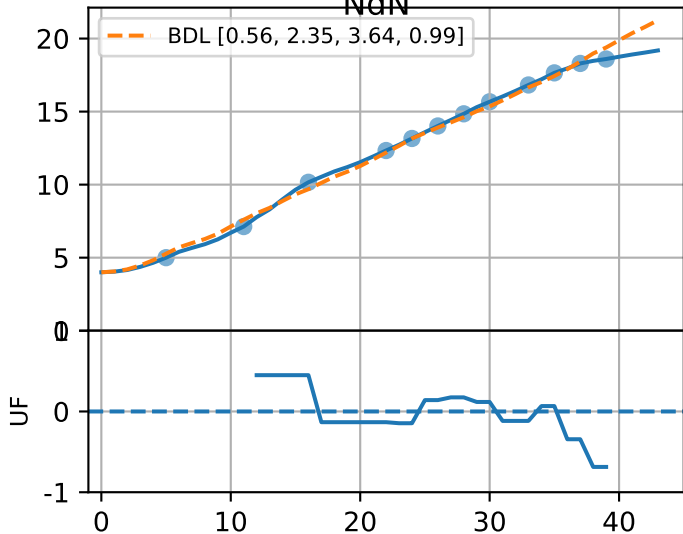
P3-110-23 (fit failed)

NdN

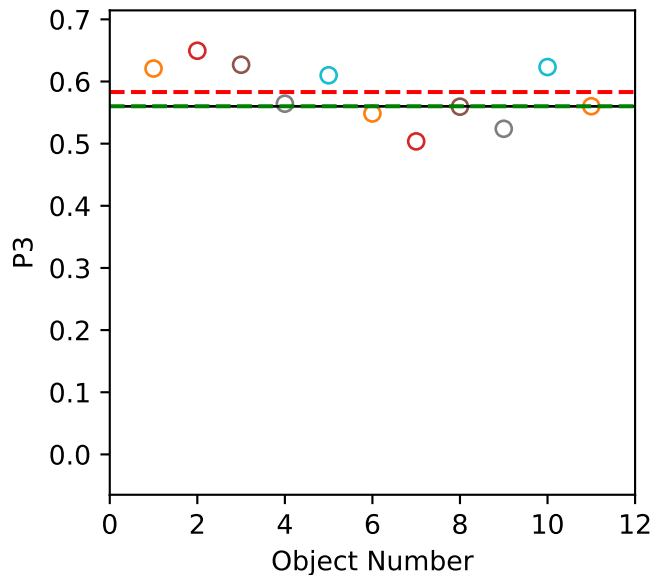


P3avg (fit failed)

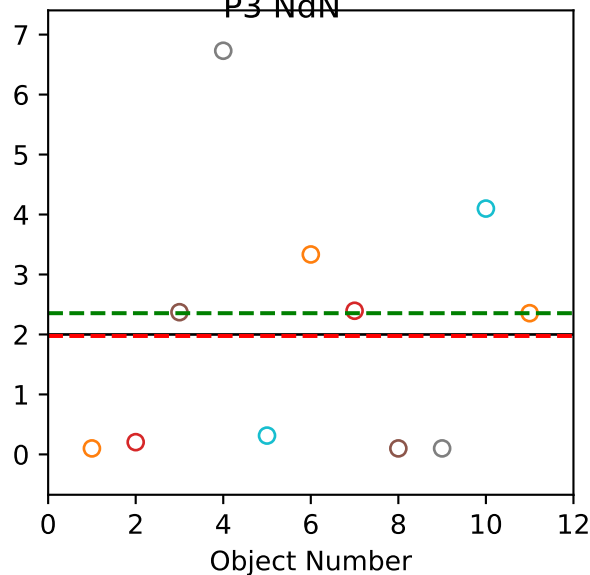
NaN



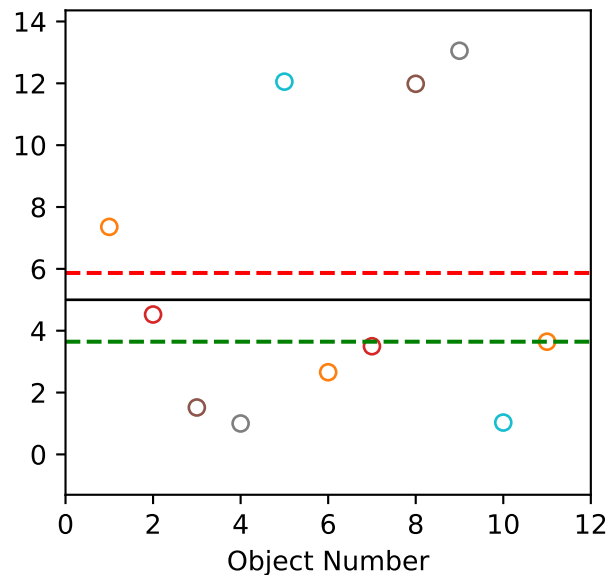
a (Def=0.56 Set=0.56)
avg1=0.58(fail) avg2=0.56



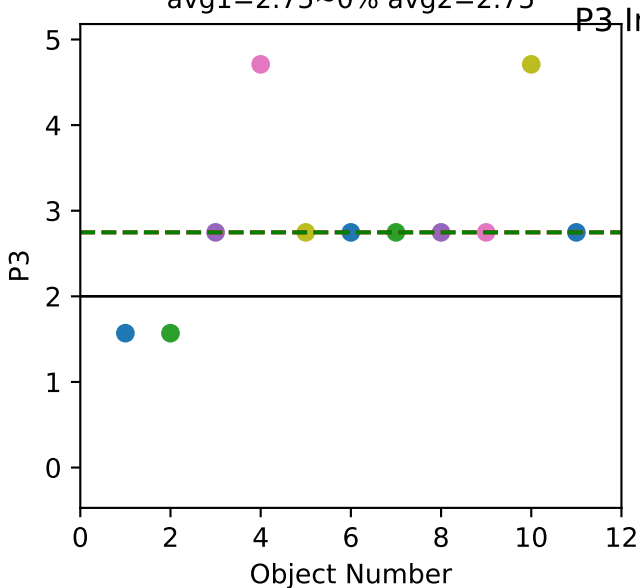
dm (Def=2 Set=2.35)
avg1=1.97(fail) avg2=2.35



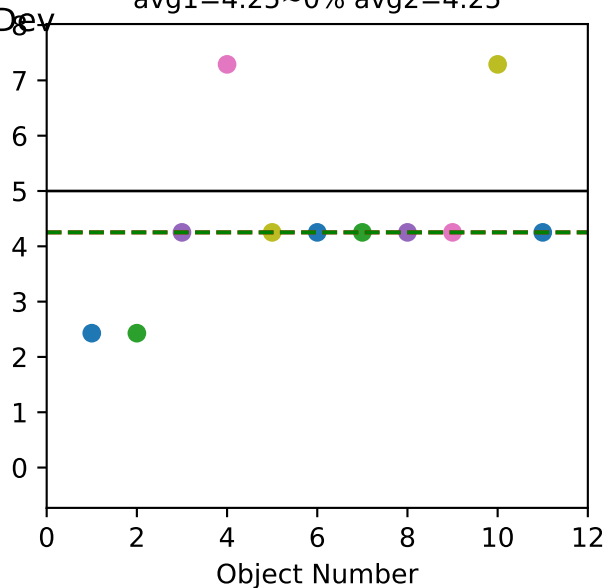
de (Def=5 Set=3.64)
avg1=5.87(fail) avg2=3.64



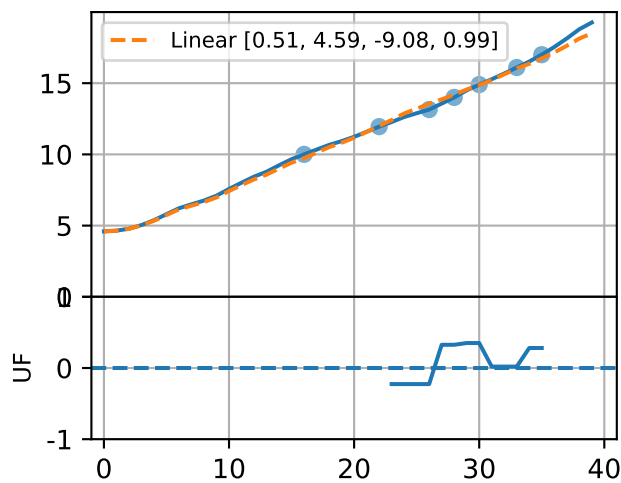
InitDev_dm (Def=2 Set=2.75)
avg1=2.75~0% avg2=2.75



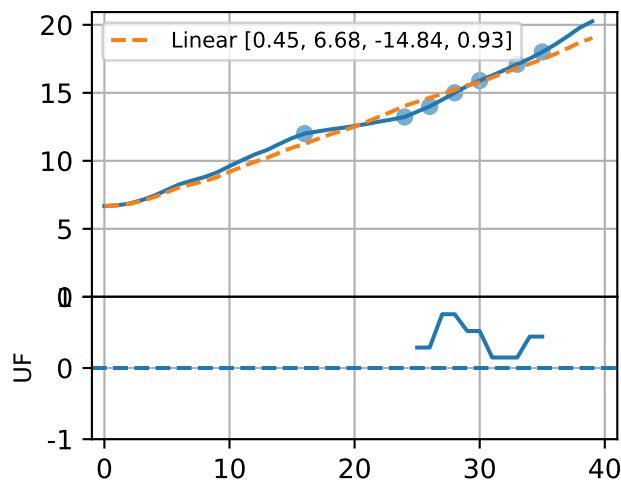
InitDev_de (Def=5 Set=4.25)
avg1=4.25~0% avg2=4.25



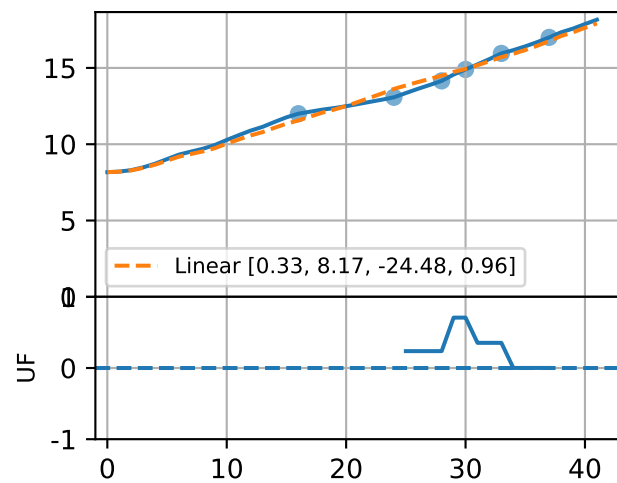
P3-009-13



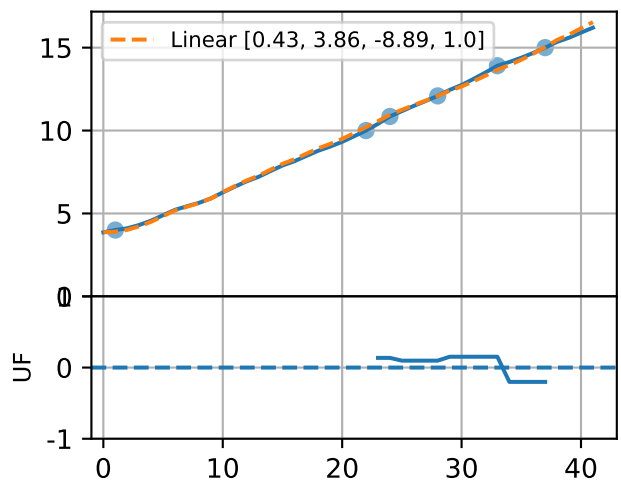
P3-021-19



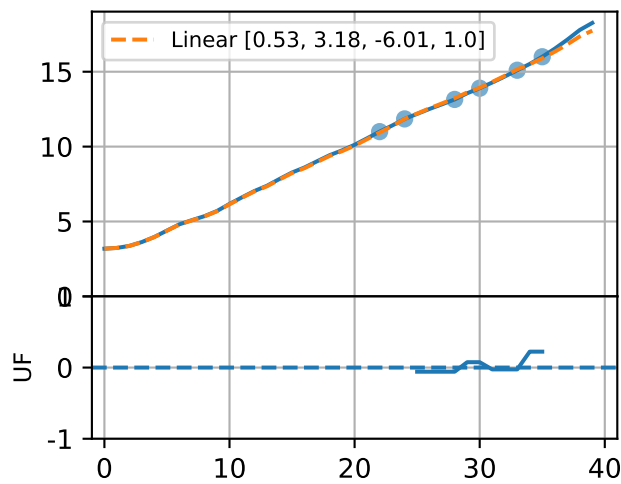
P3-034-5



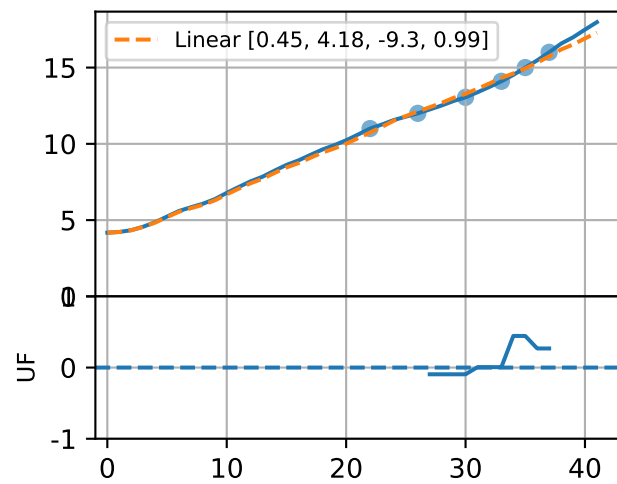
P3-045-17



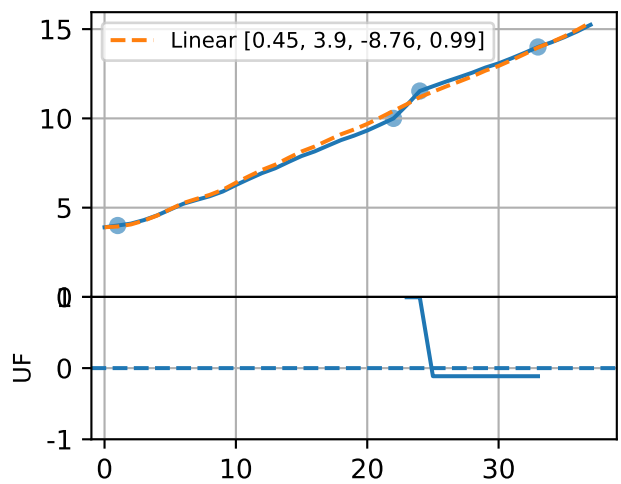
P3-054-28



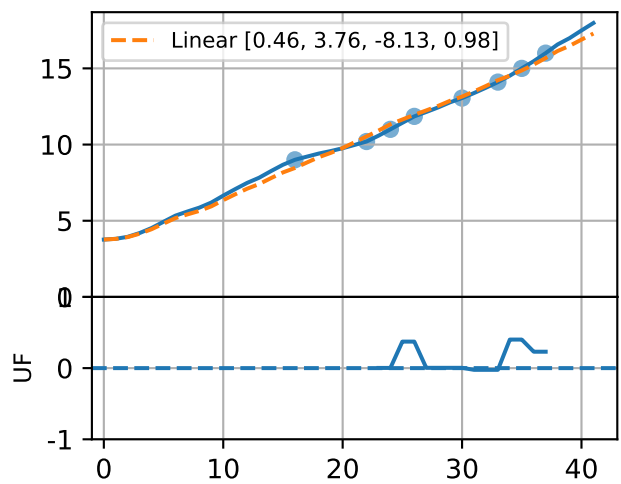
P3-068-4



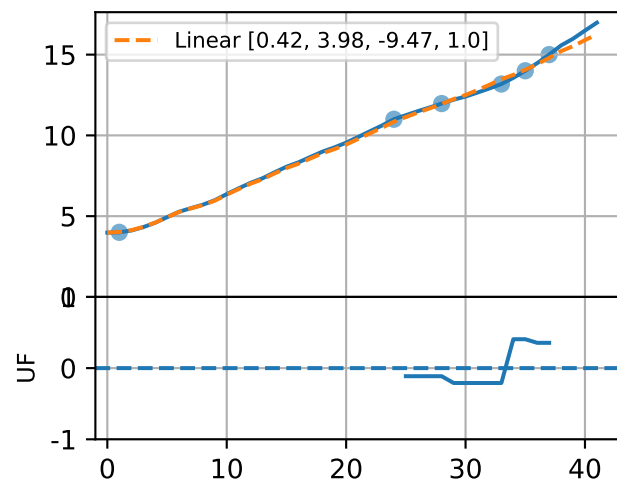
P3-075-19



P3-084-11

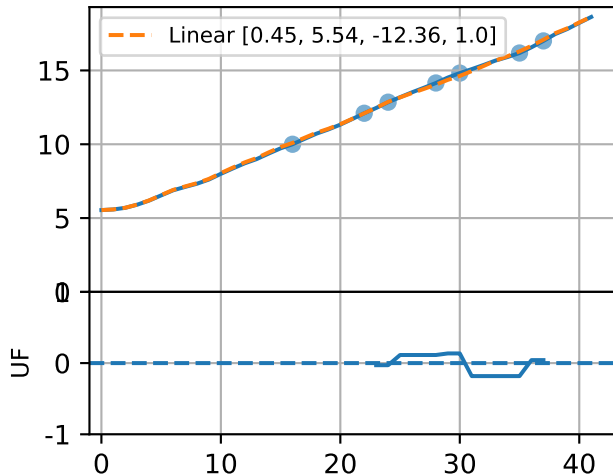


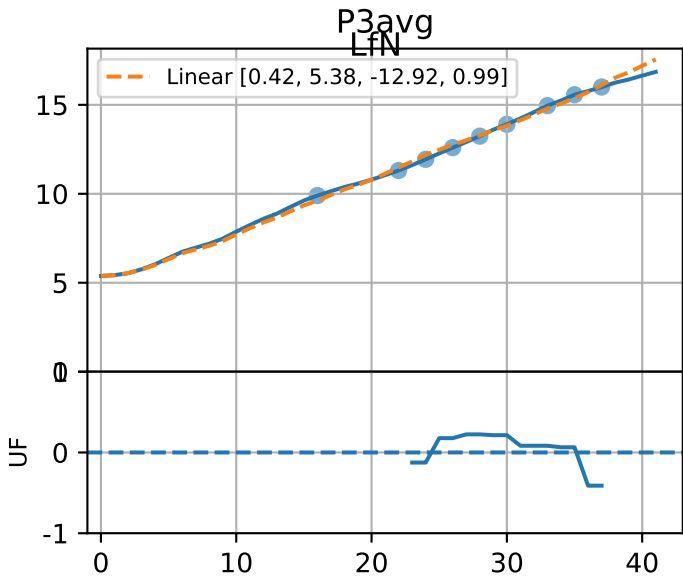
P3-099-4



P3-110-23

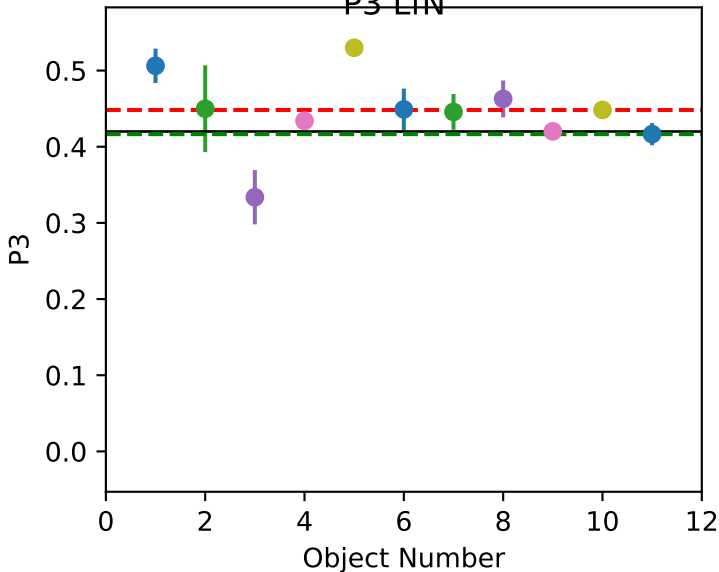
LfN



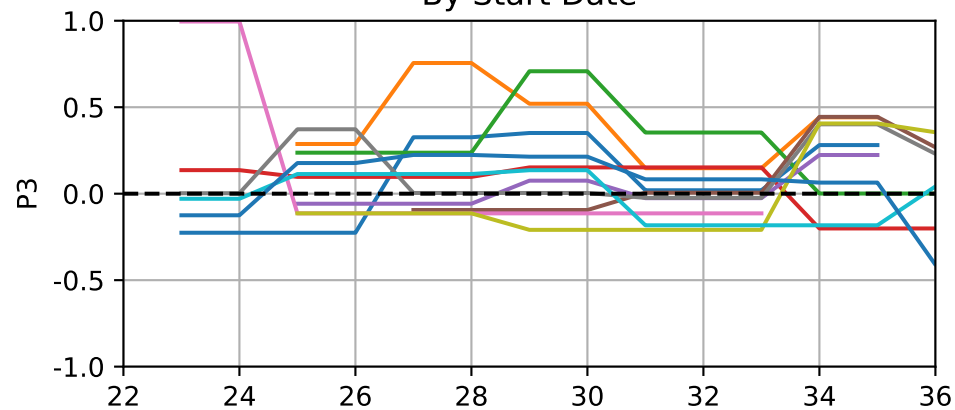


a (Def=0.42 Set=0.42)
avg1=0.45~3% avg2=0.42~11%

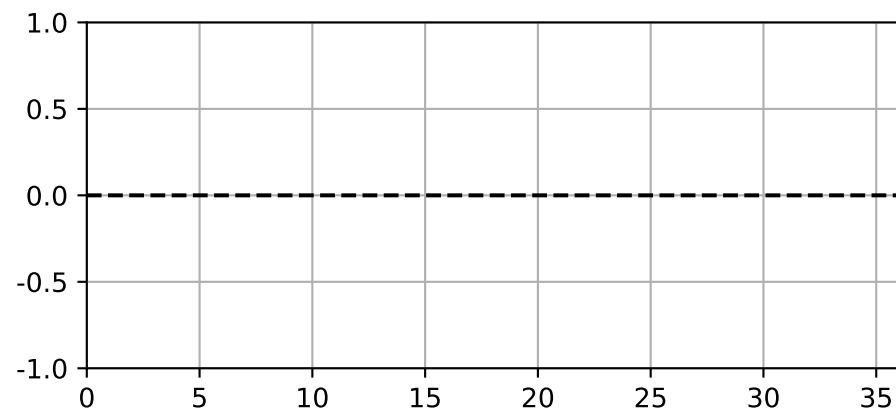
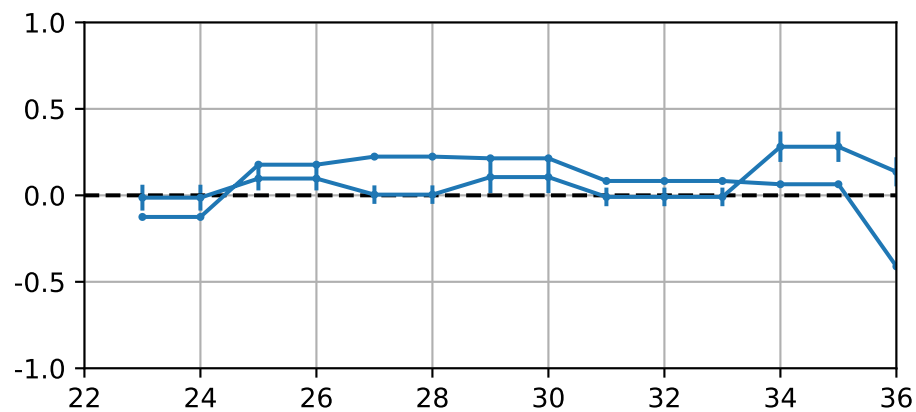
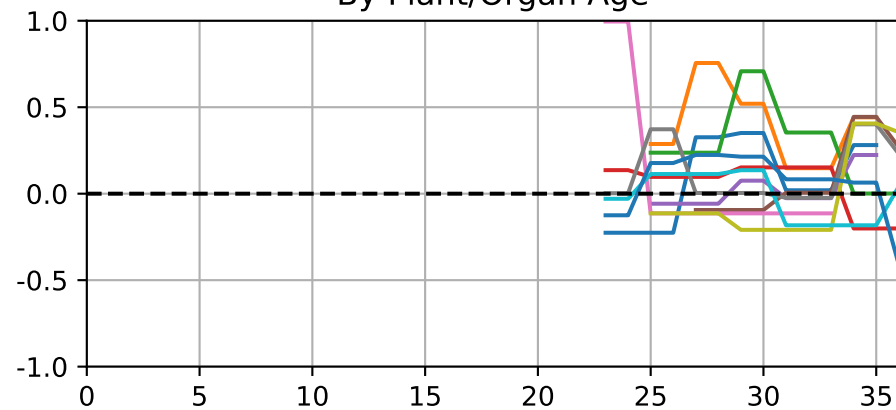
P3 LfN



By Start Date

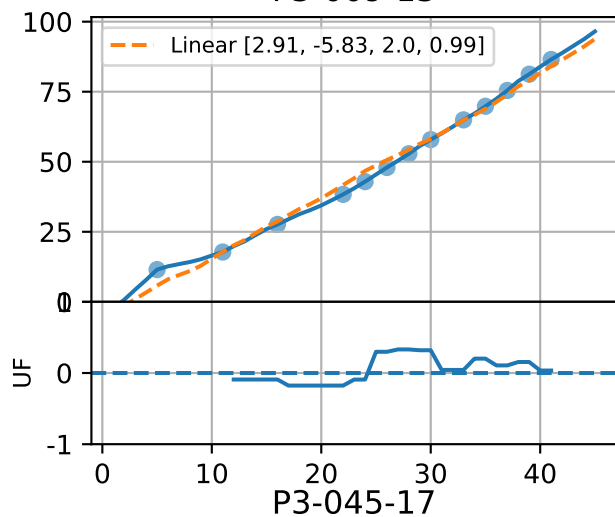


By Plant/Organ Age

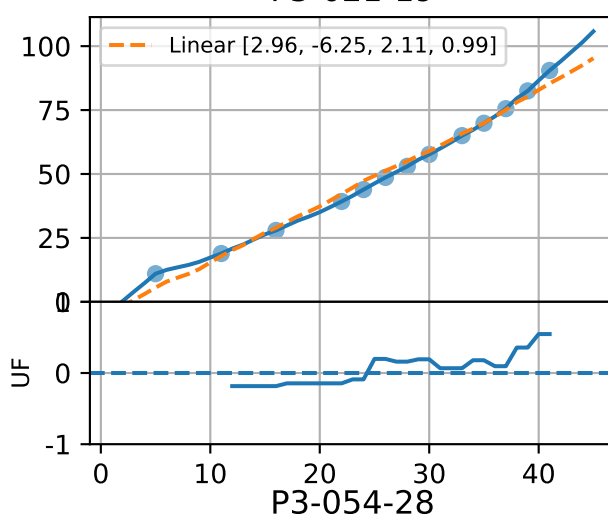


StH

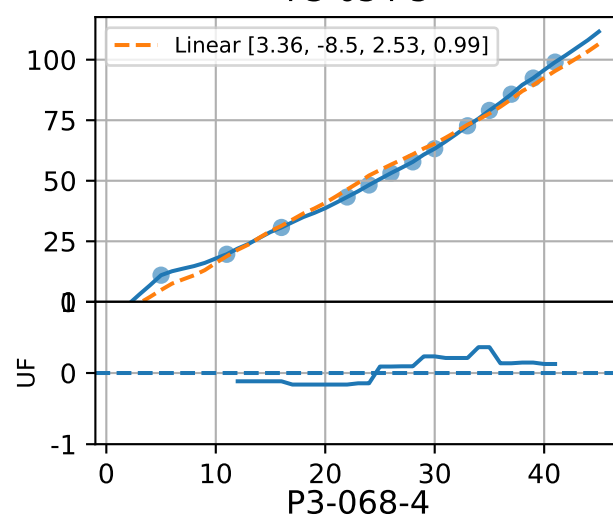
P3-009-13



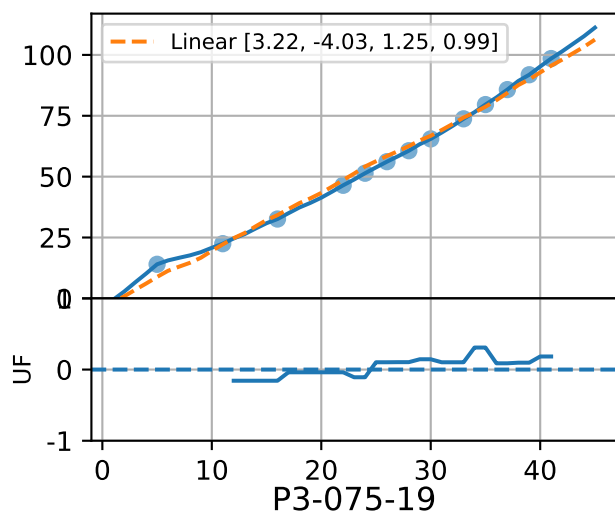
P3-021-19



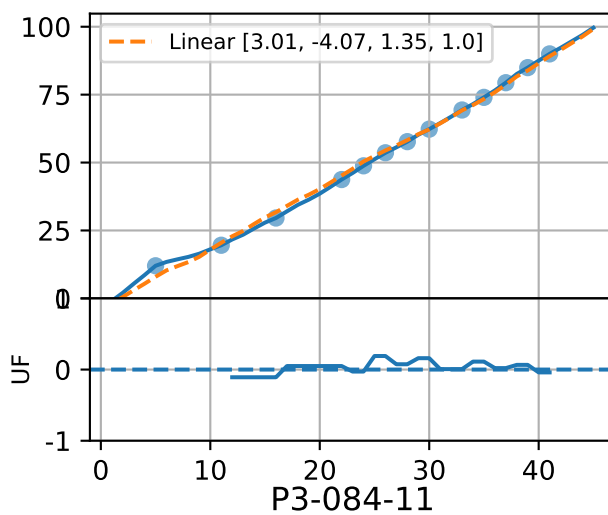
P3-034-5



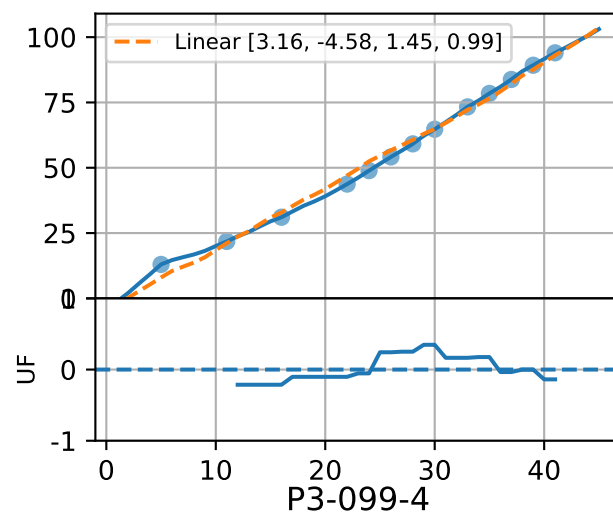
P3-045-17



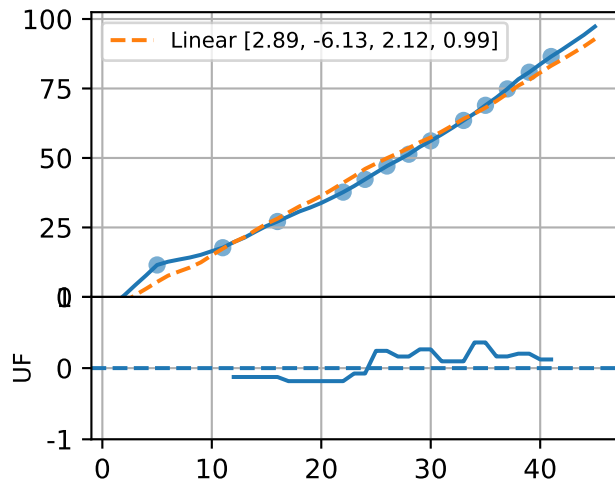
P3-054-28



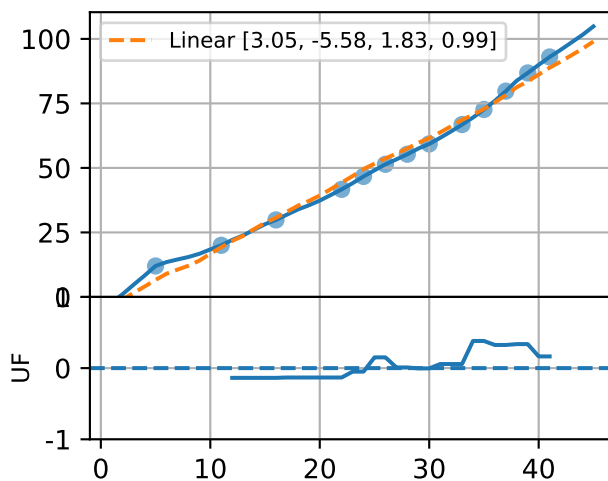
P3-068-4



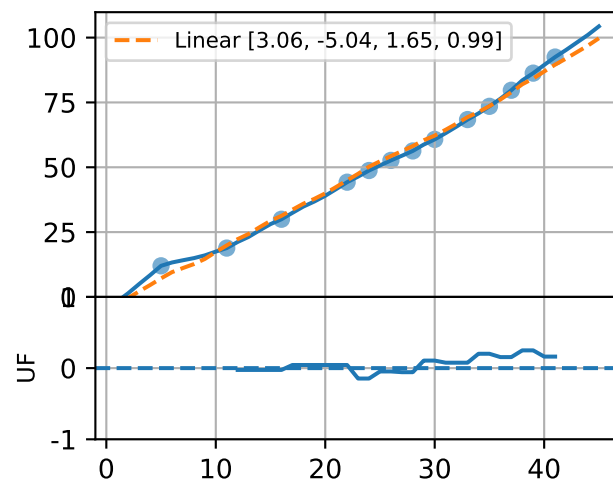
P3-075-19



P3-084-11

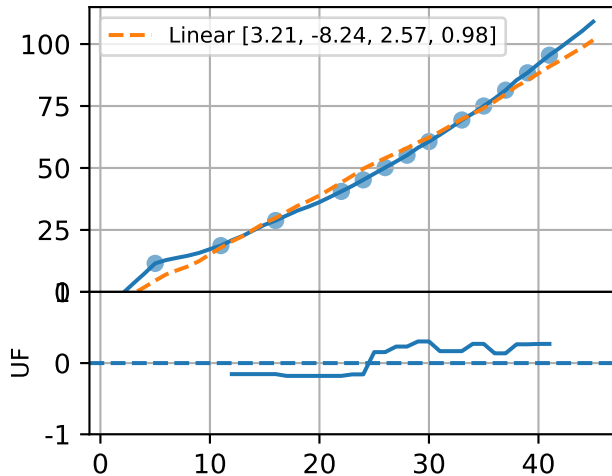


P3-099-4

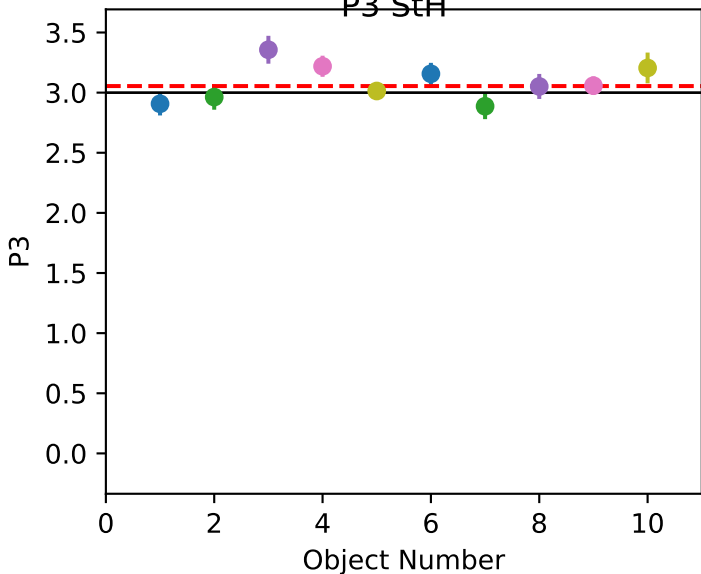


P3-110-23

StH

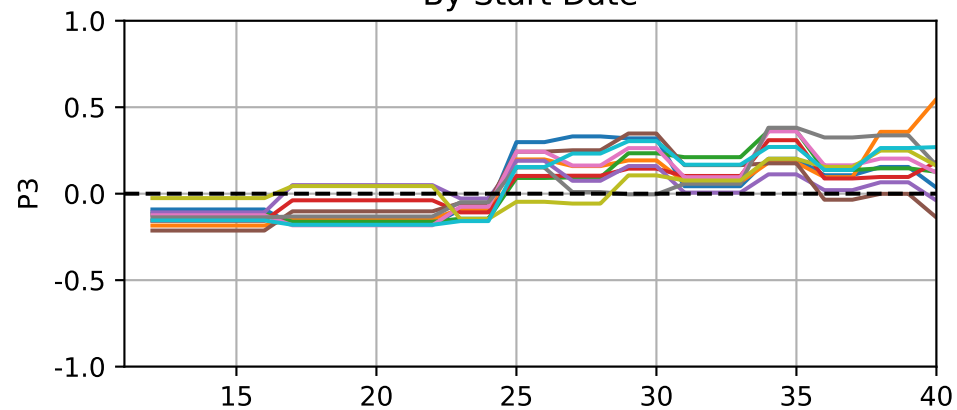


a (Def=3 Set=3.05)
avg1=3.05~5% avg2=na
P3 StH

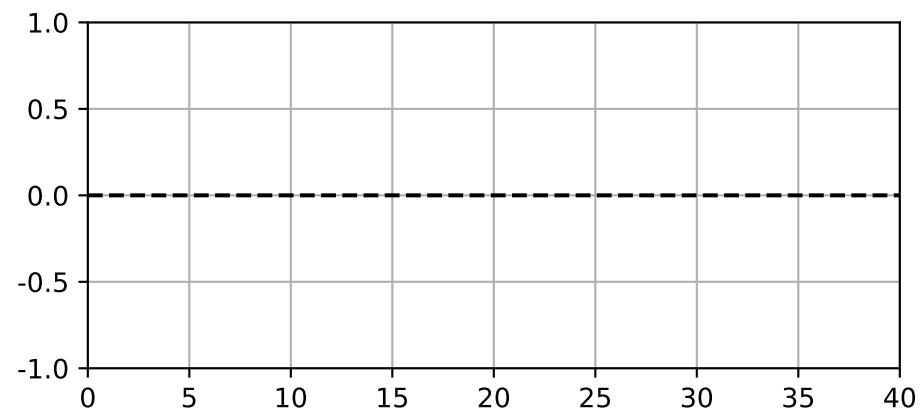
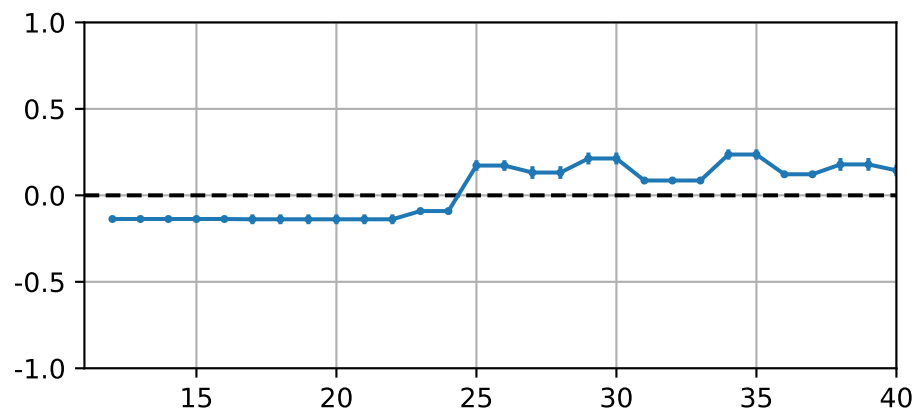
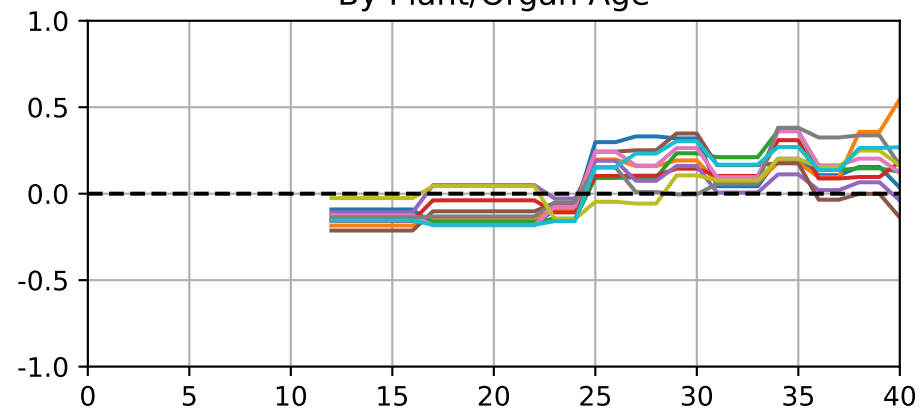


StH

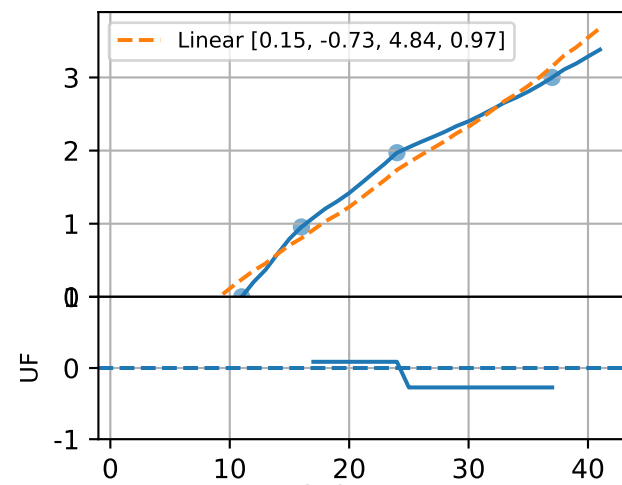
By Start Date



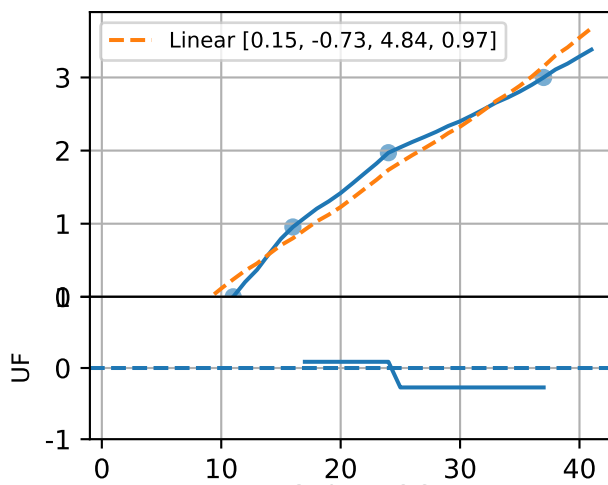
By Plant/Organ Age



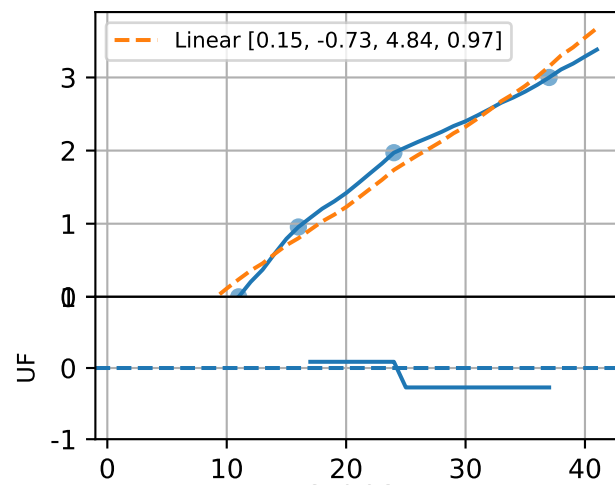
P3-009-13



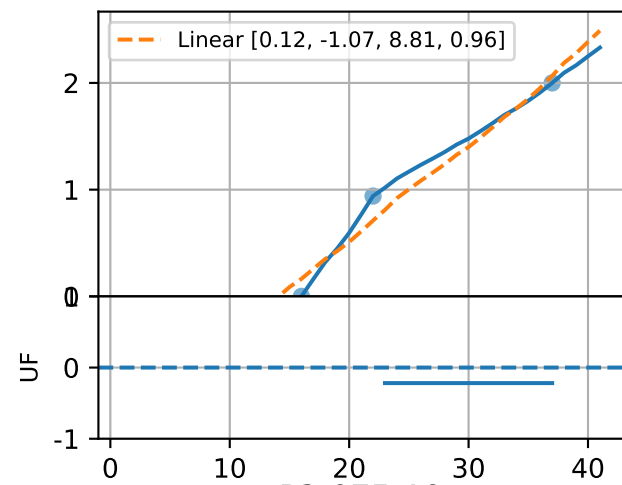
P3-021-19



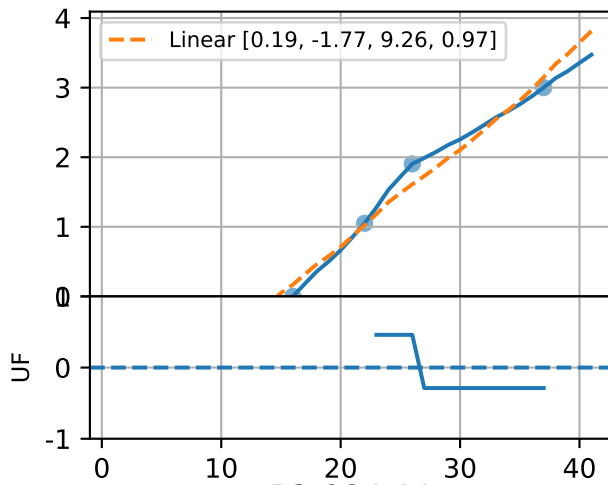
P3-034-5



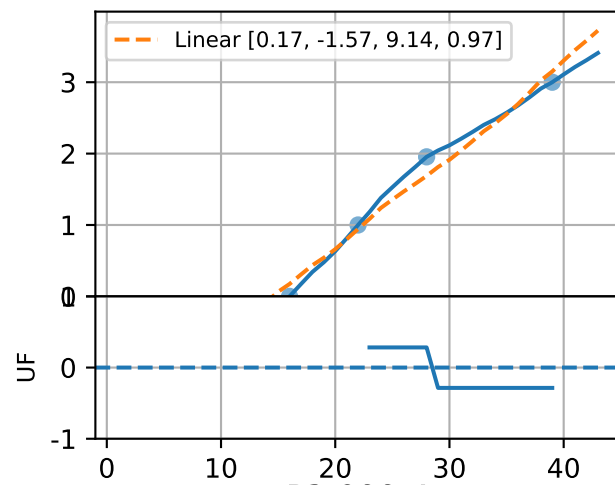
P3-045-17



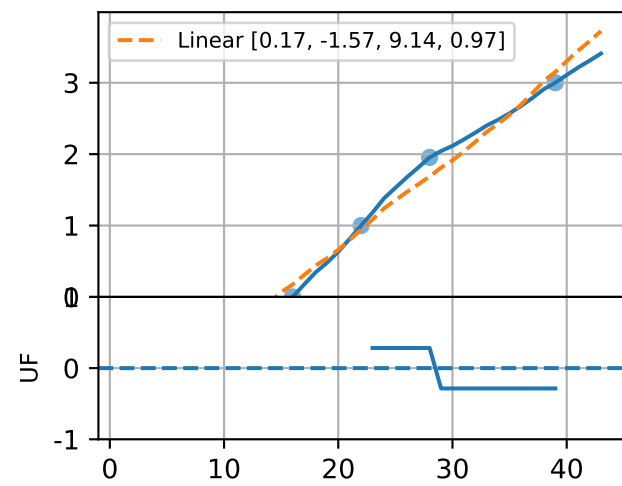
P3-054-28



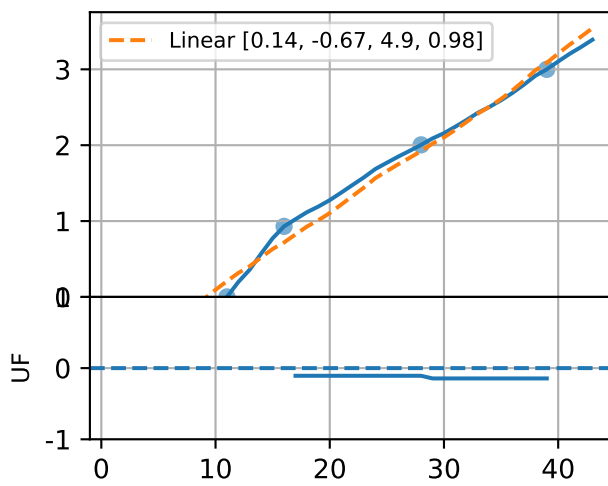
P3-068-4



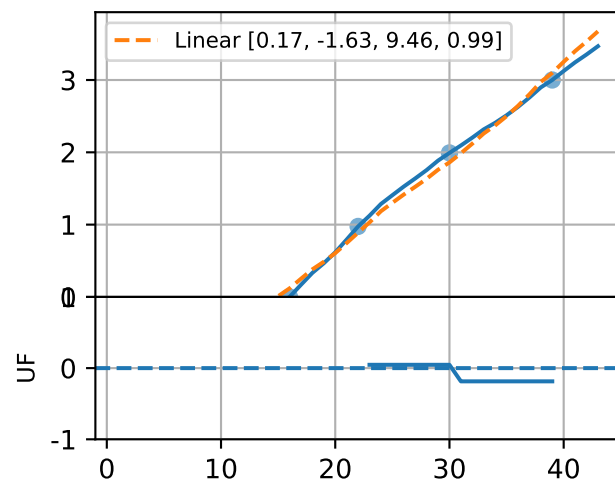
P3-075-19



P3-084-11

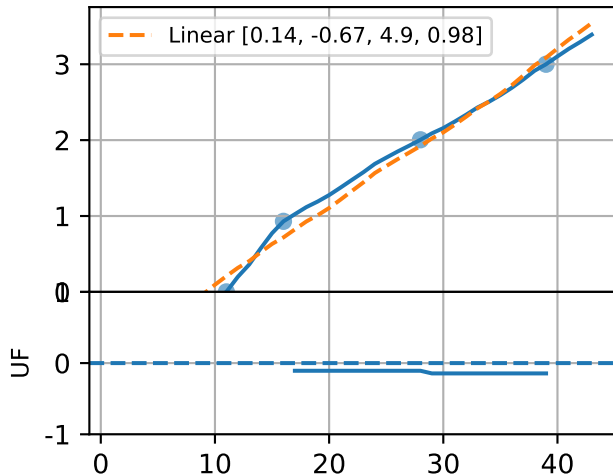


P3-099-4

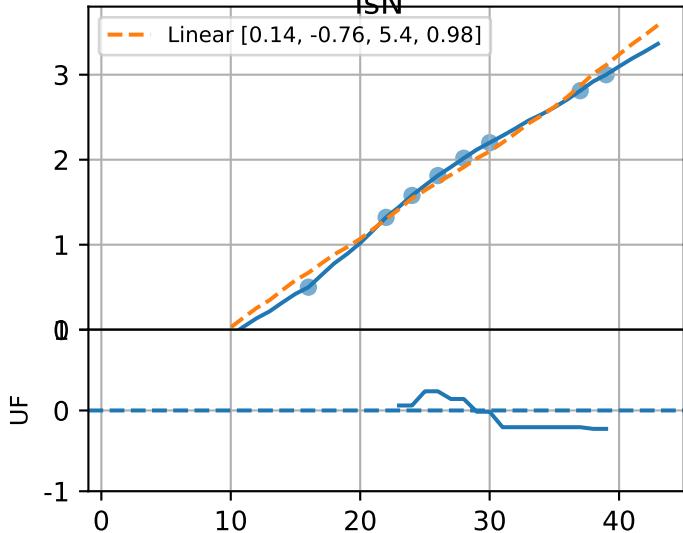


P3-110-23

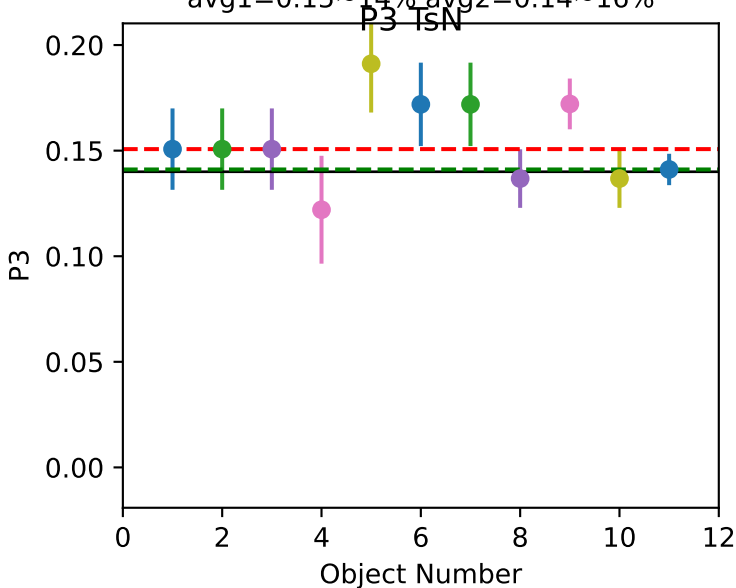
TsN



P3avg
TSN

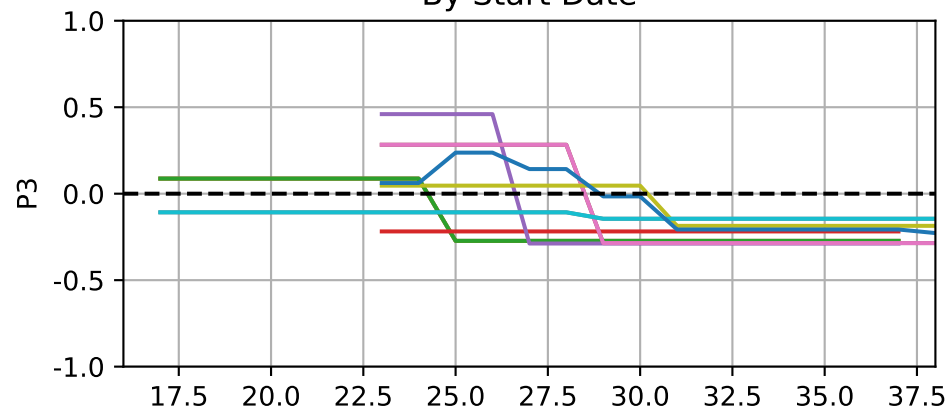


a (Def=0.14 Set=0.14)
avg1=0.15~14% avg2=0.14~16%

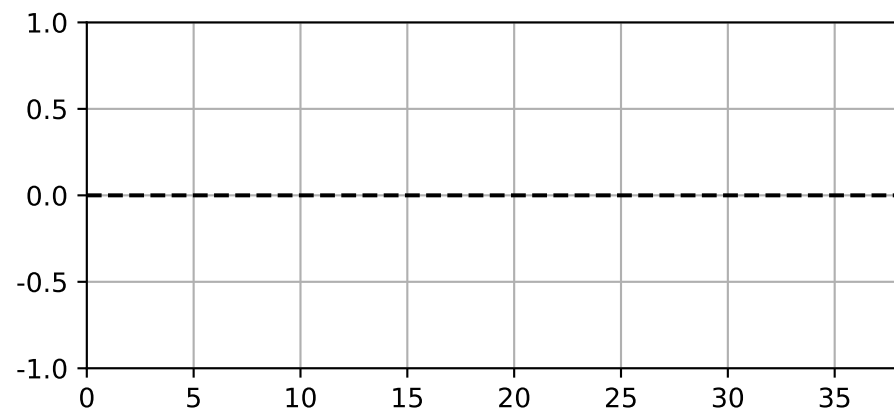
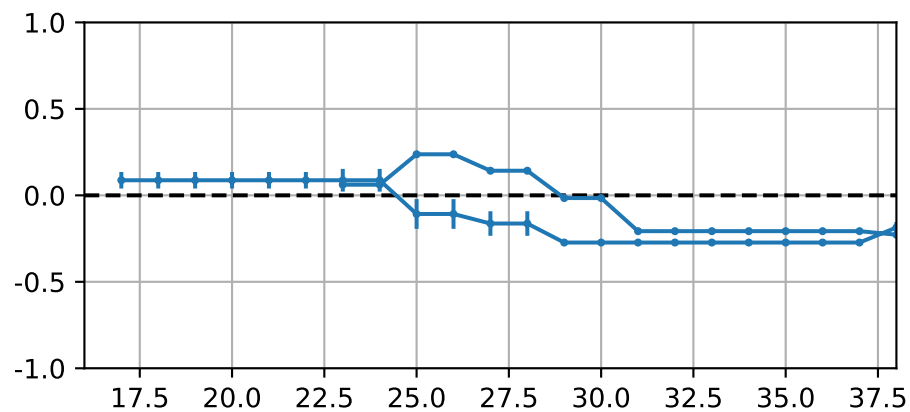
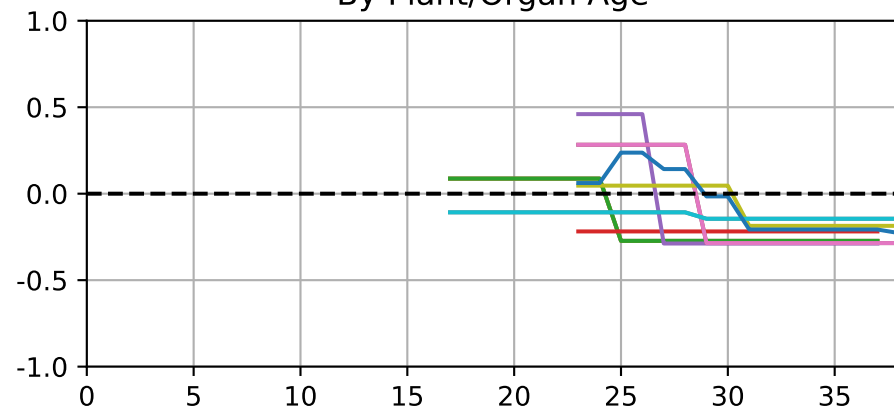


TsN

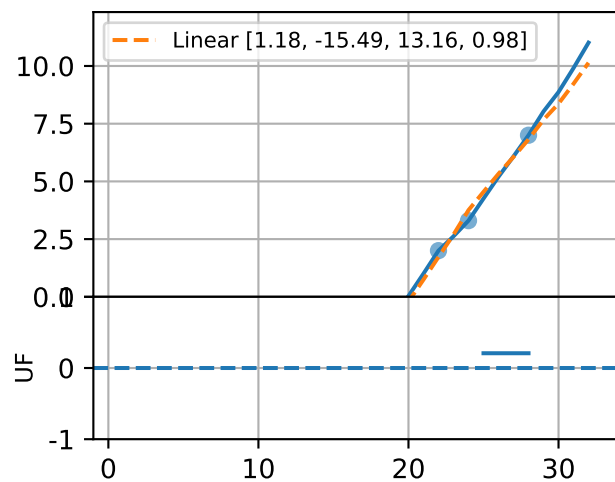
By Start Date



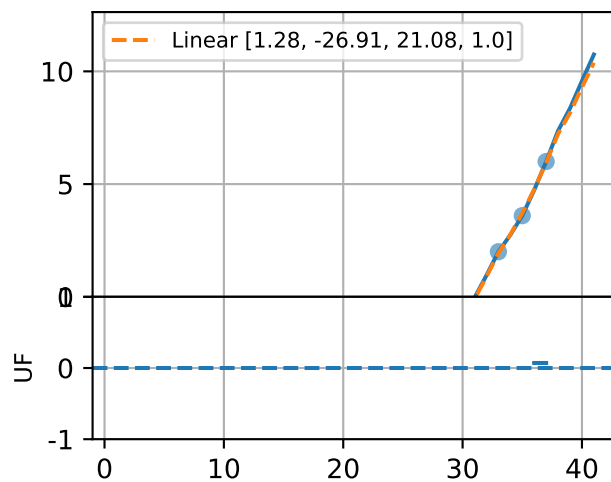
By Plant/Organ Age



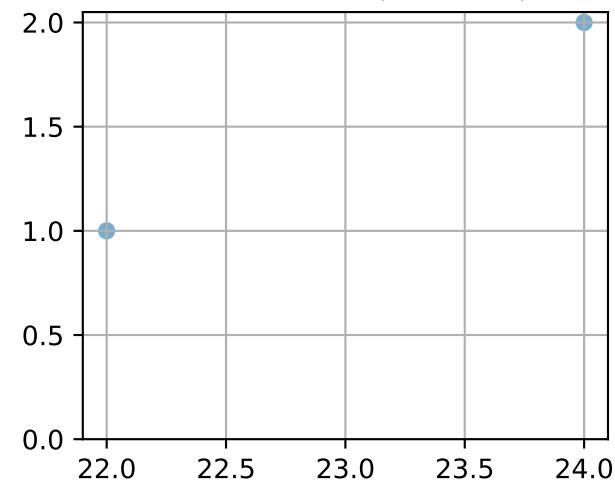
P3-009-13T1



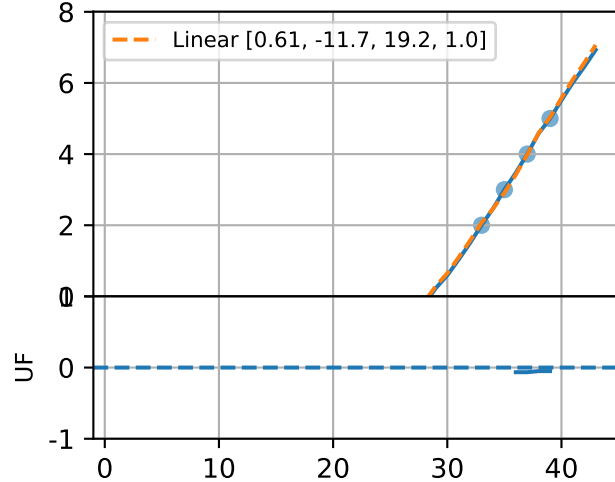
P3-009-13T2



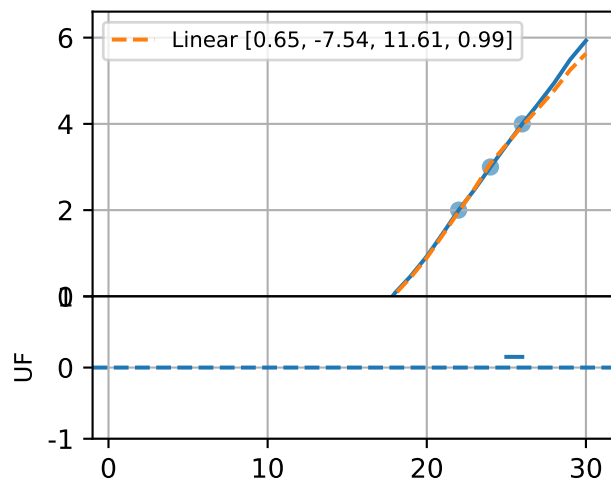
P3-021-19T1 (fit failed)



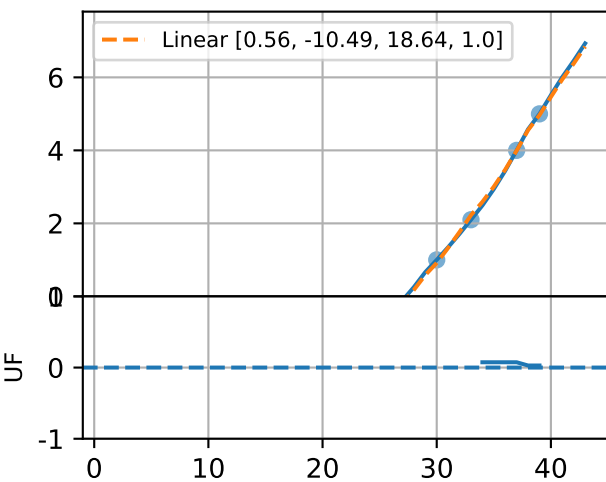
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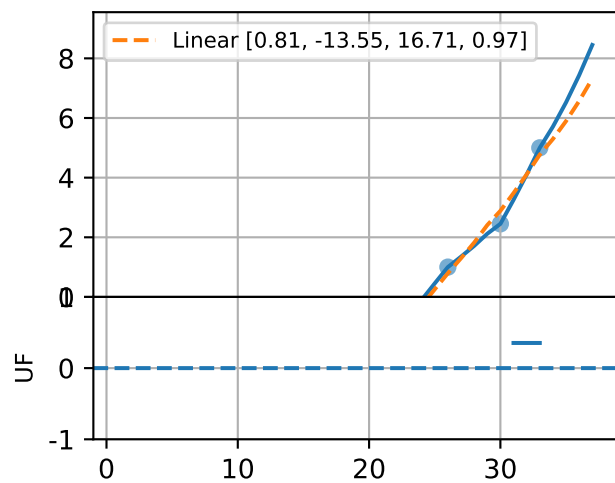
P3-034-5T1



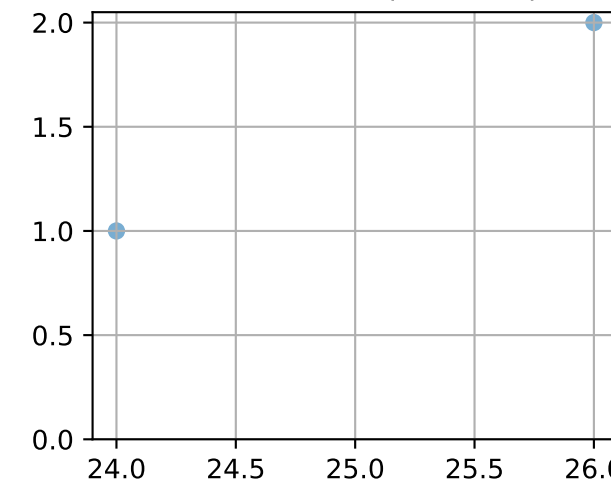
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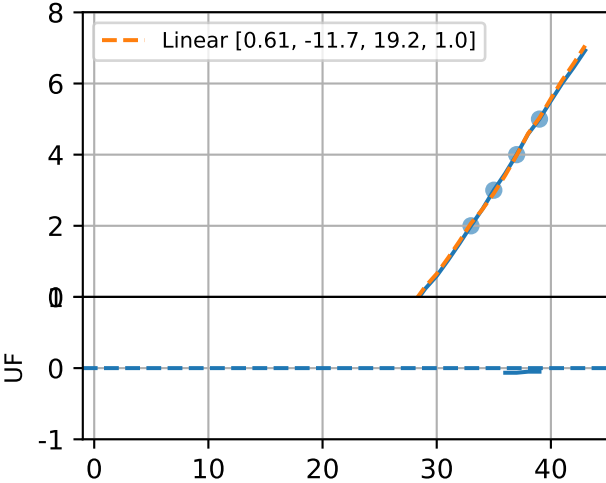
P3-045-17T1



P3-054-28T1 (fit failed)

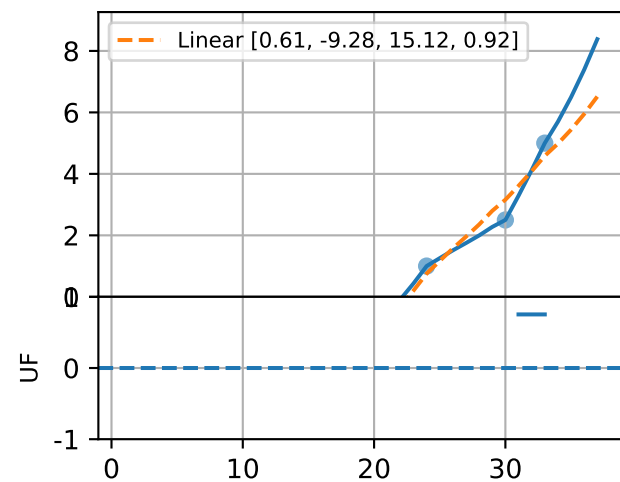


P3-054-28T2

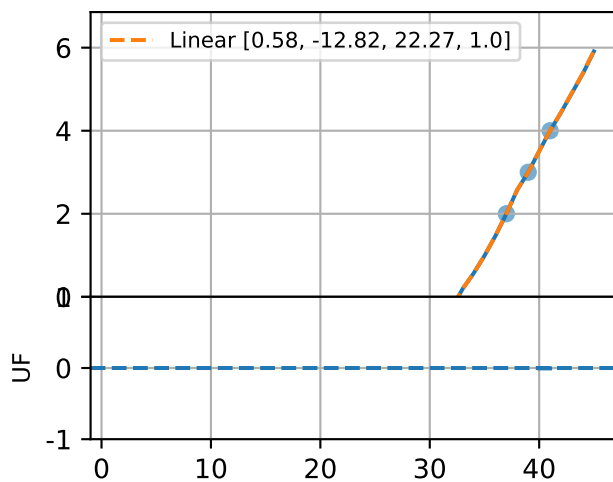


ErM

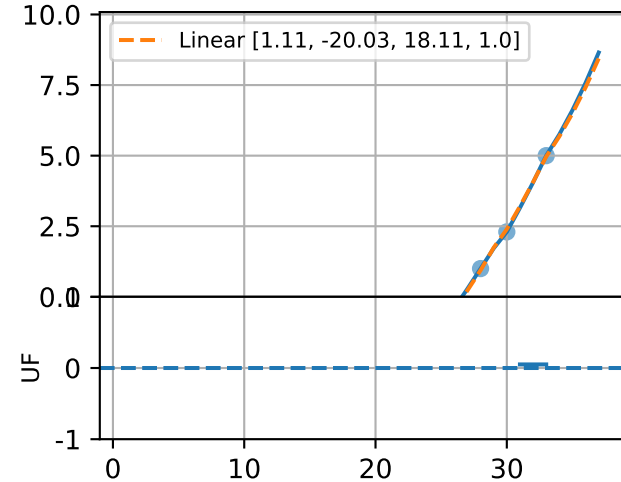
P3-068-4T1



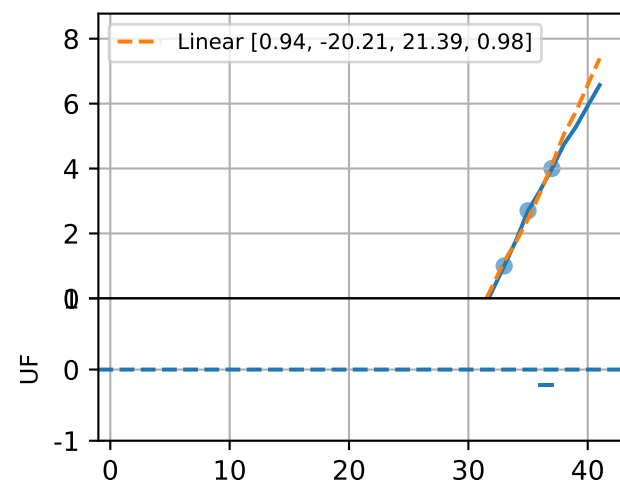
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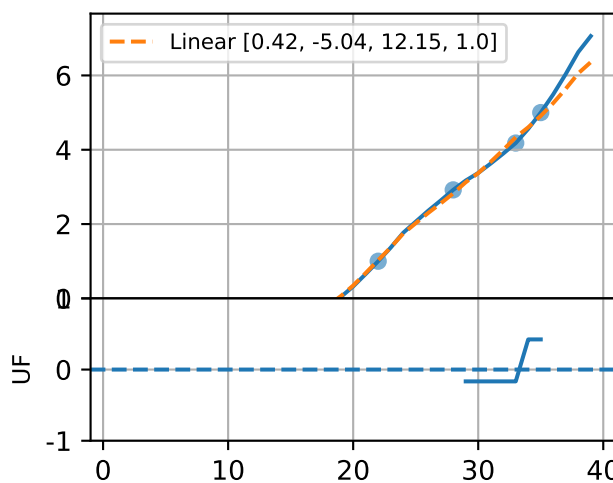
P3-075-19T1



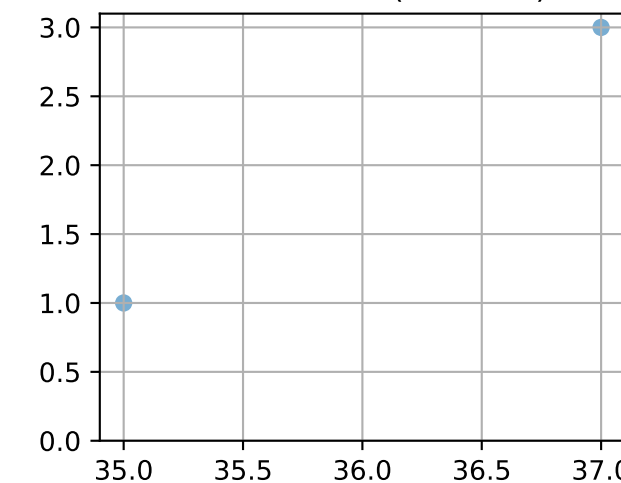
P3-075-19T2



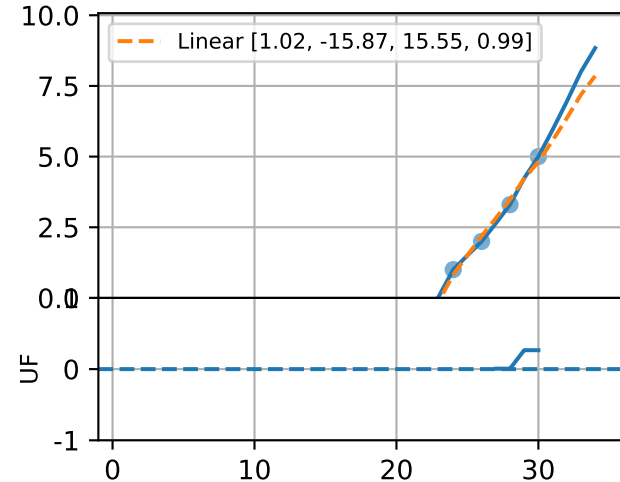
P3-084-11T1



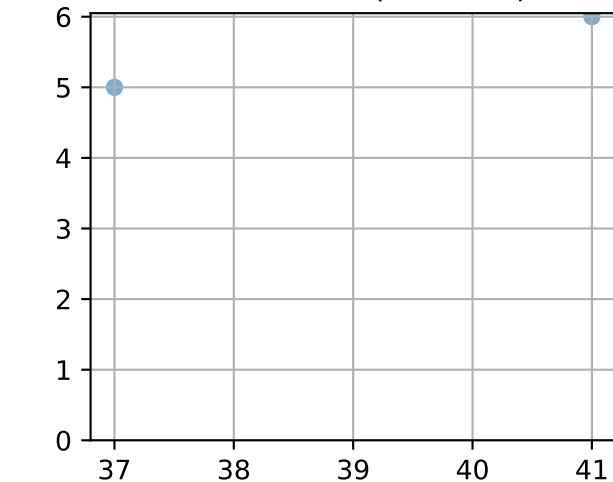
P3-084-11T2 (fit failed)



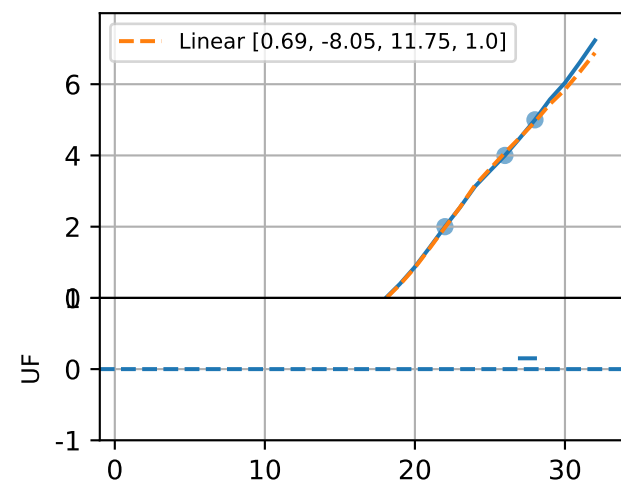
P3-099-4T1



P3-099-4T2 (fit failed)

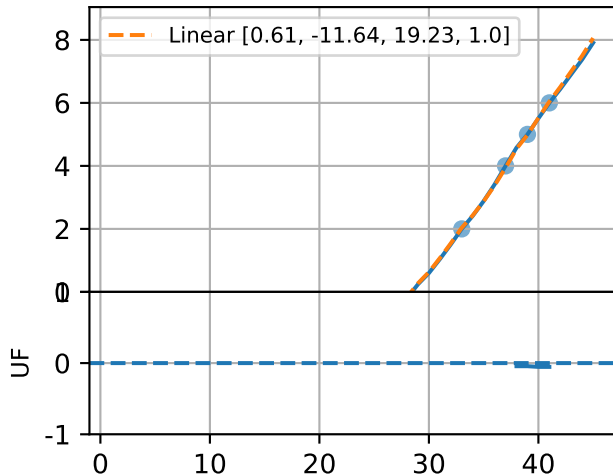


P3-110-23T1

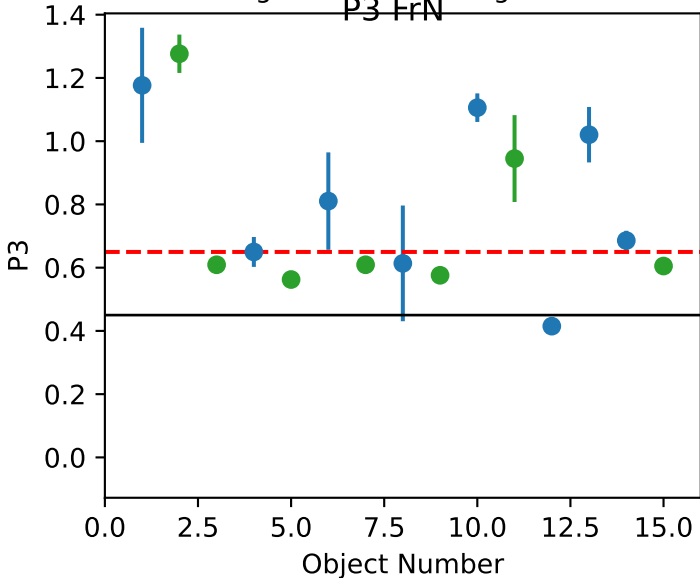


P3-110-23T2

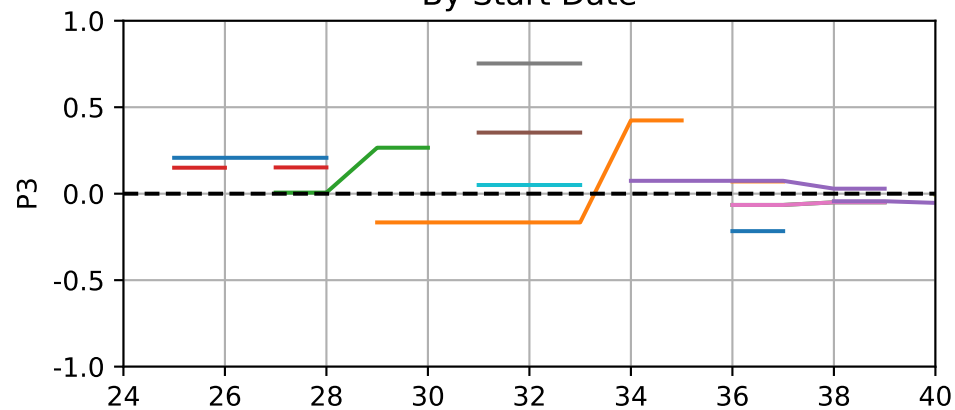
FrN



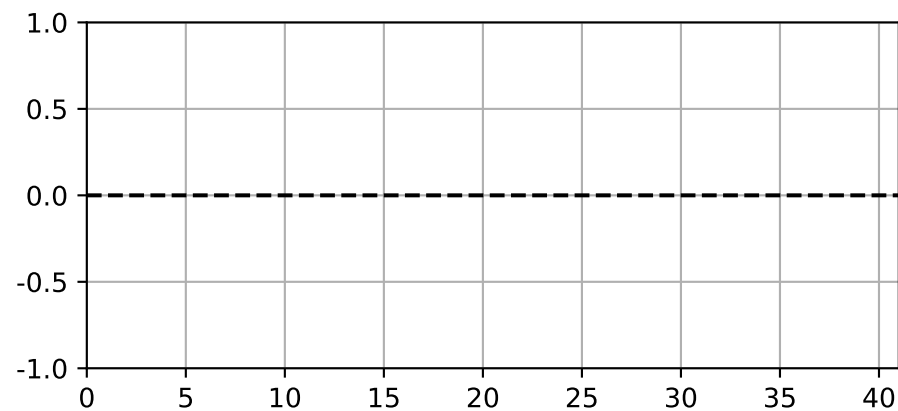
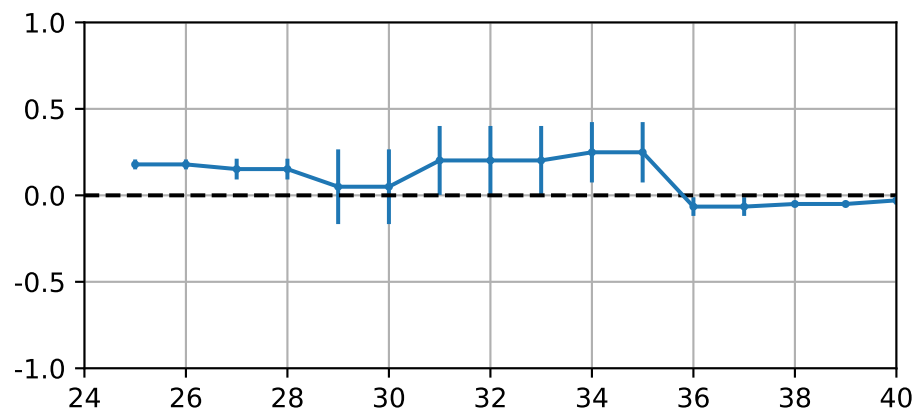
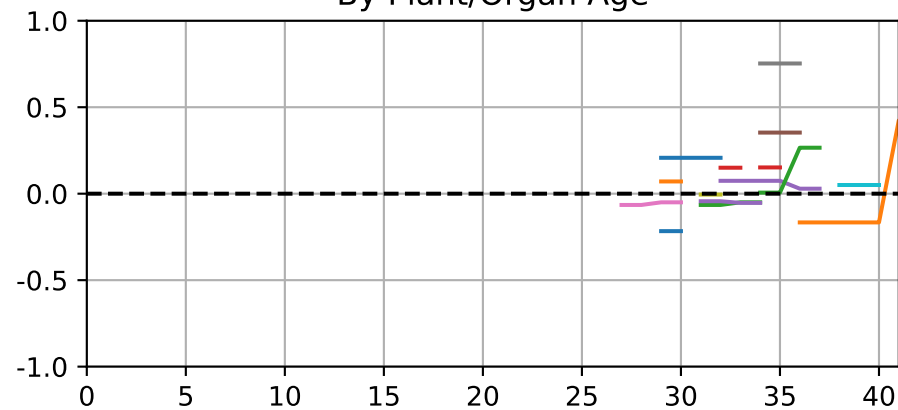
a (Def=0.45 Set=0.65)
avg1=0.65~40% avg2=na
P3 FrN



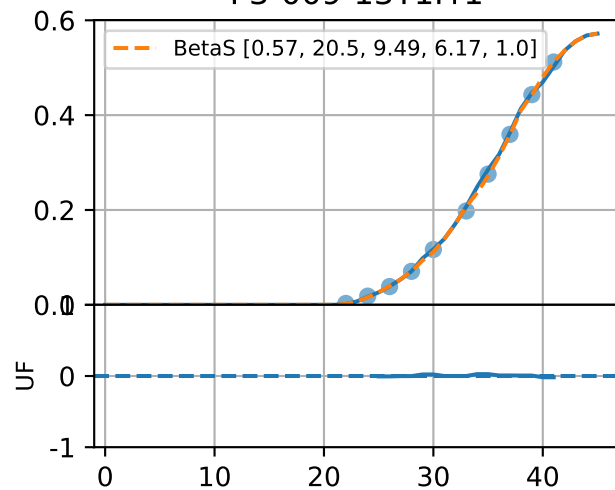
By Start Date



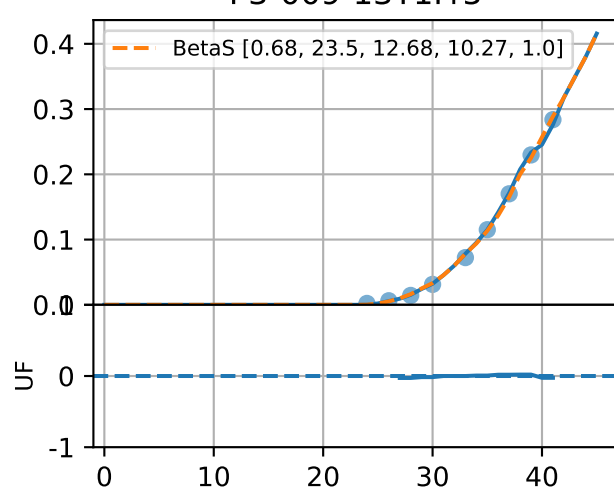
By Plant/Organ Age



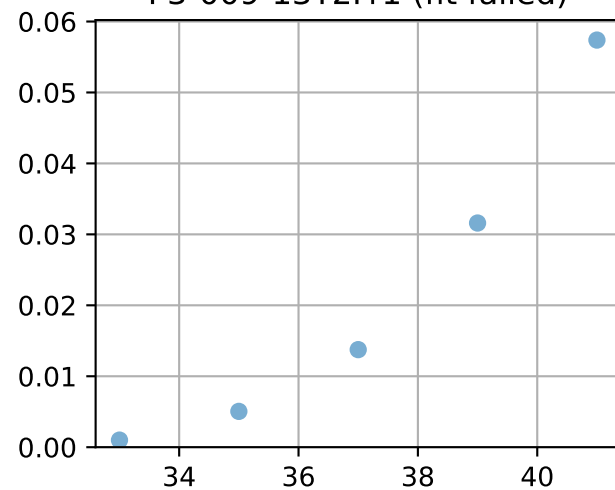
P3-009-13T1Fr1



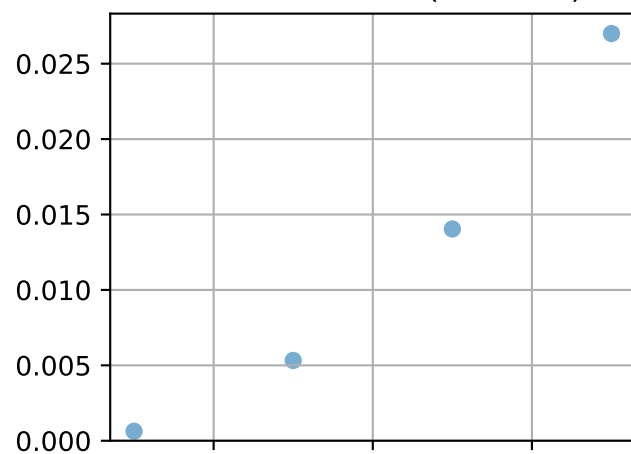
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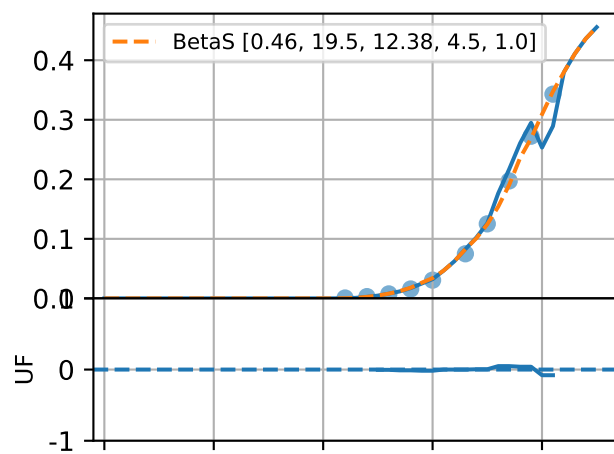
P3-009-13T2Fr1 (fit failed)



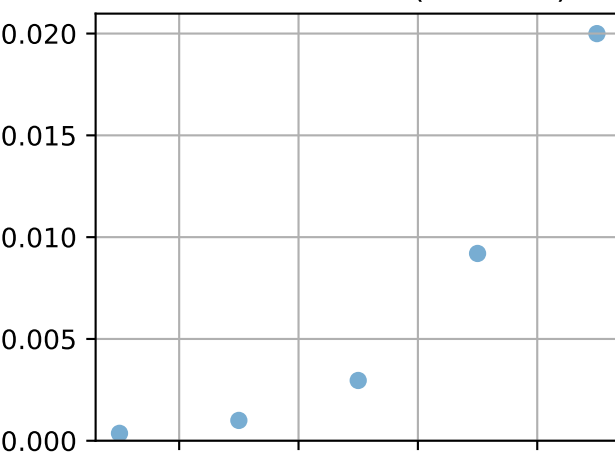
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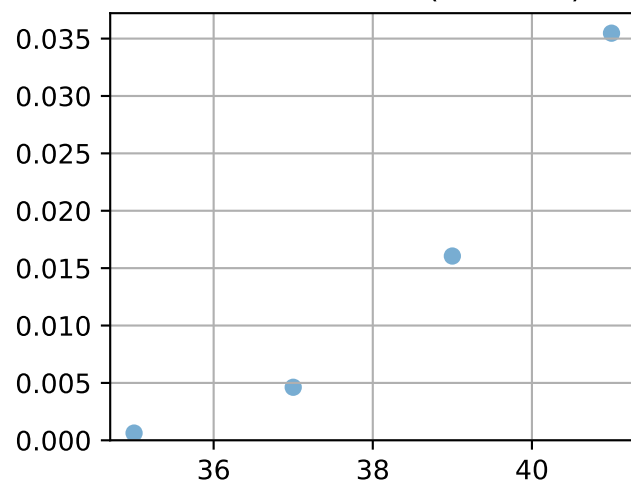
P3-021-19T1Fr1



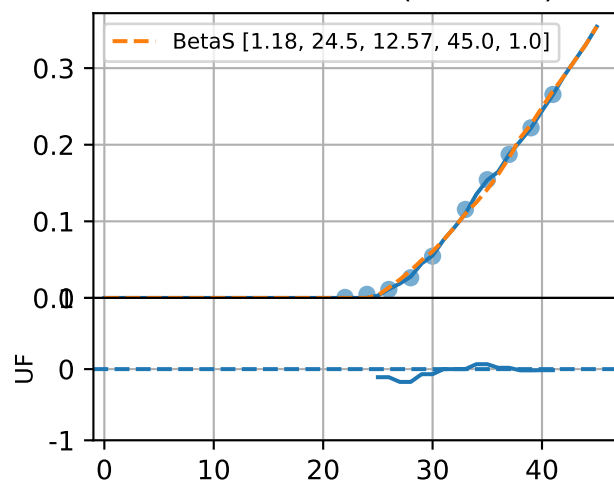
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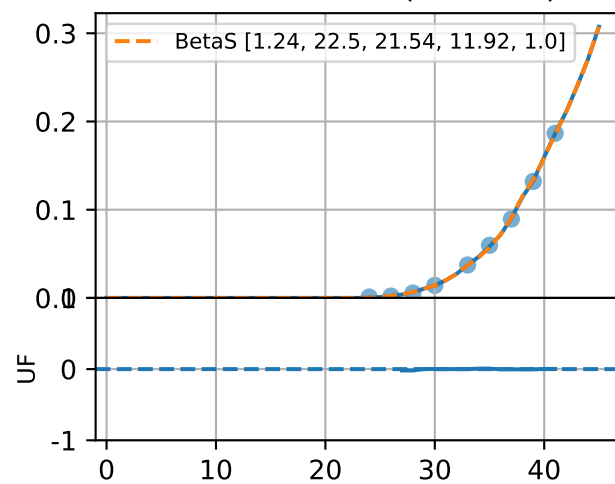
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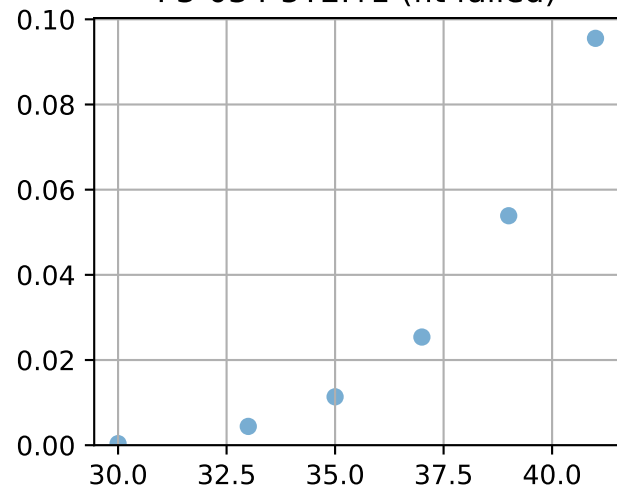
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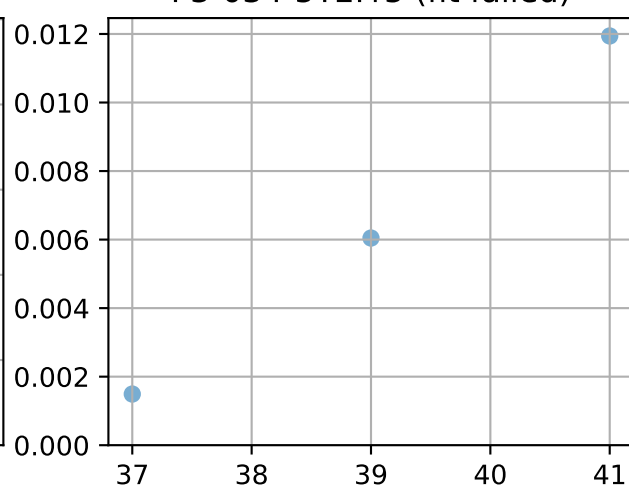
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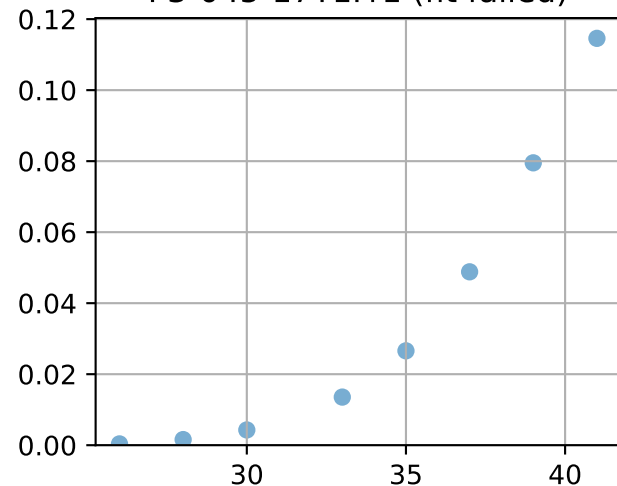
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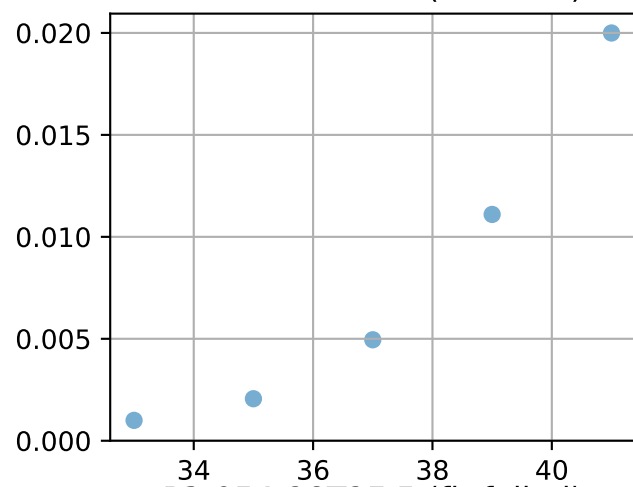
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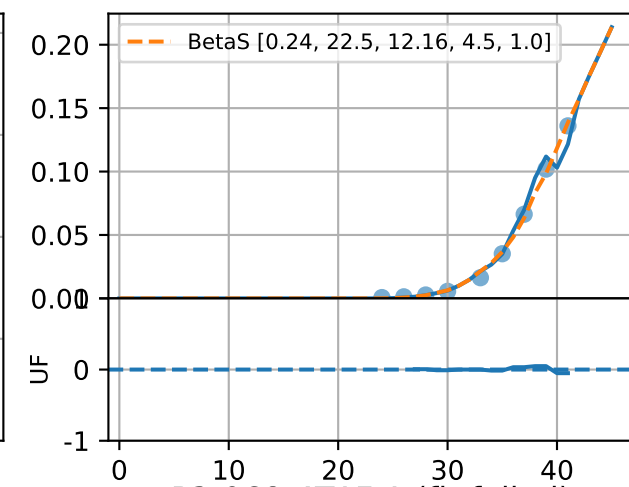
P3-045-17T1Fr1 (fit failed)



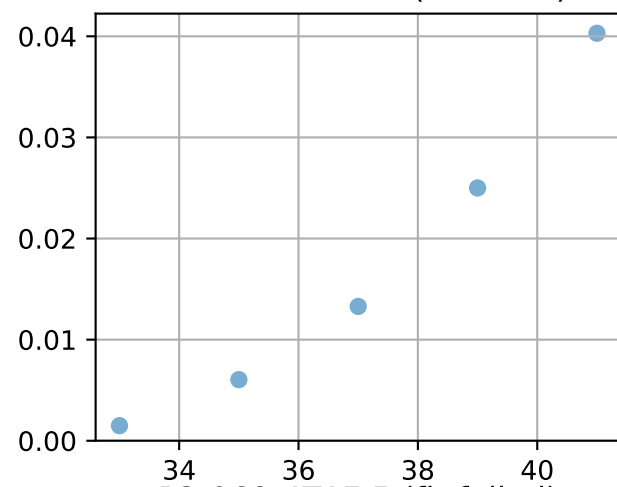
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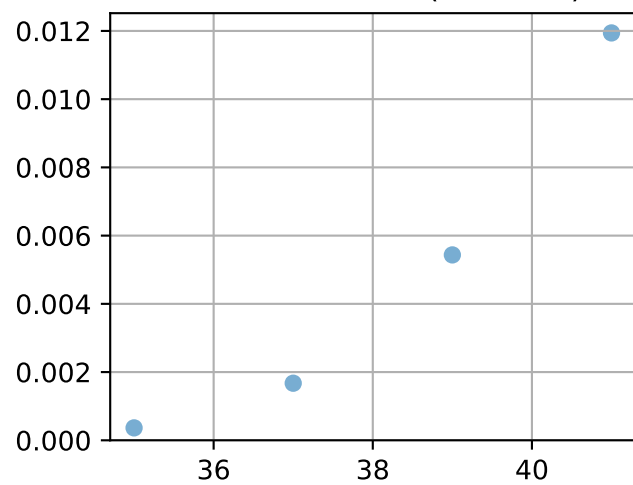
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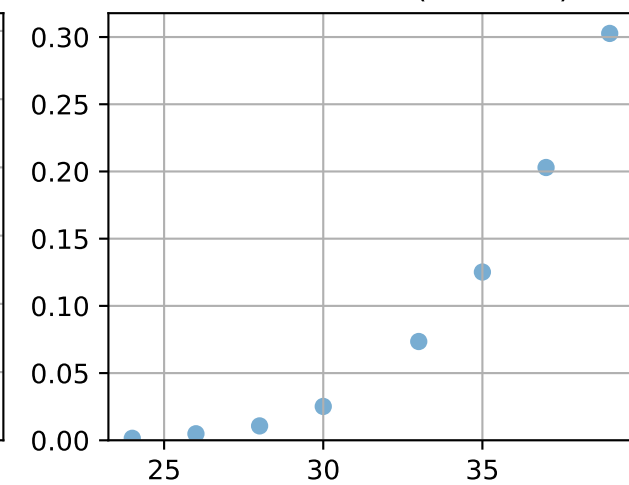
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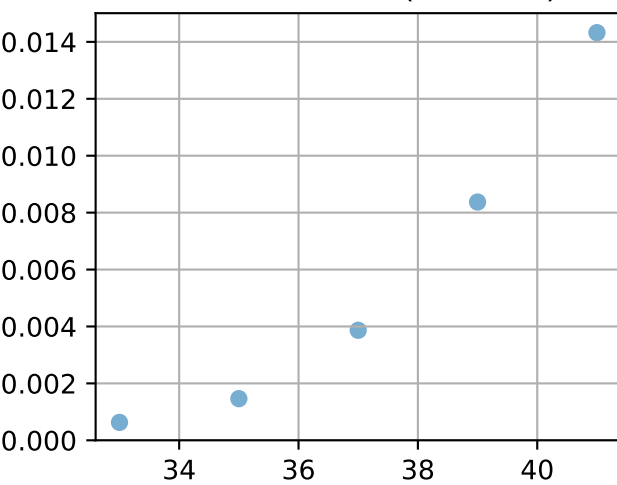
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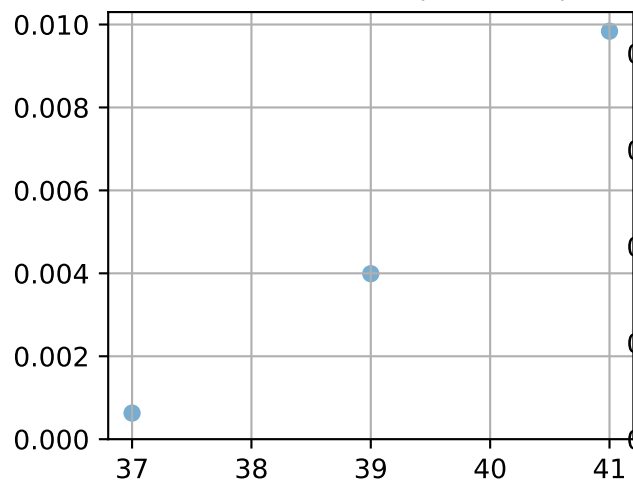
P3-068-4T1Fr1 (fit failed)



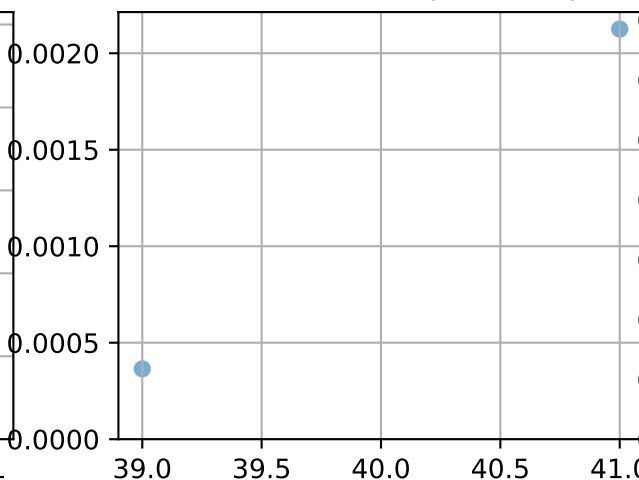
P3-068-4T1Fr5 (fit failed)



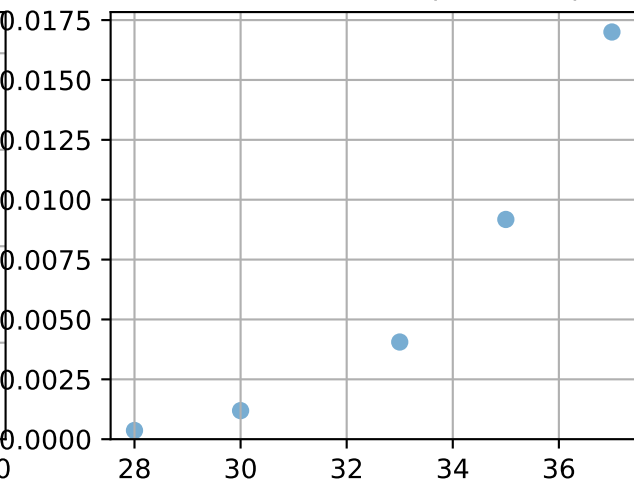
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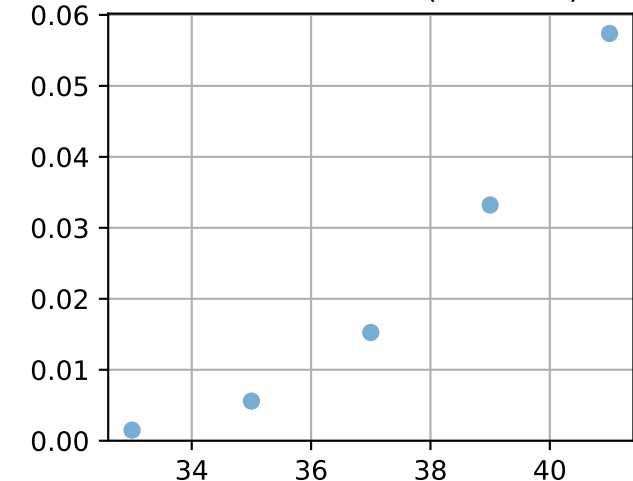
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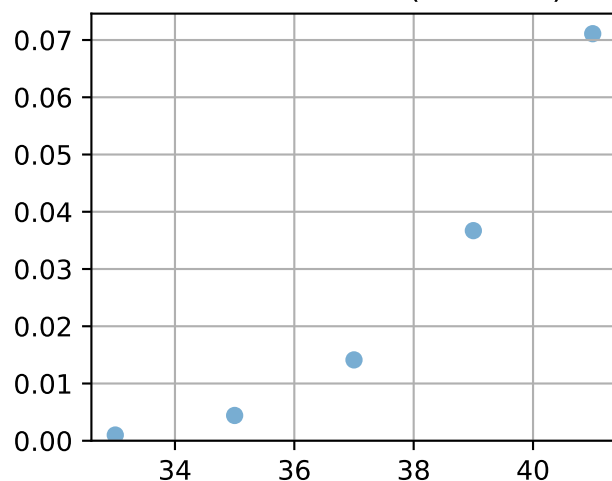
P3-075-19T1Fr1 (fit failed)



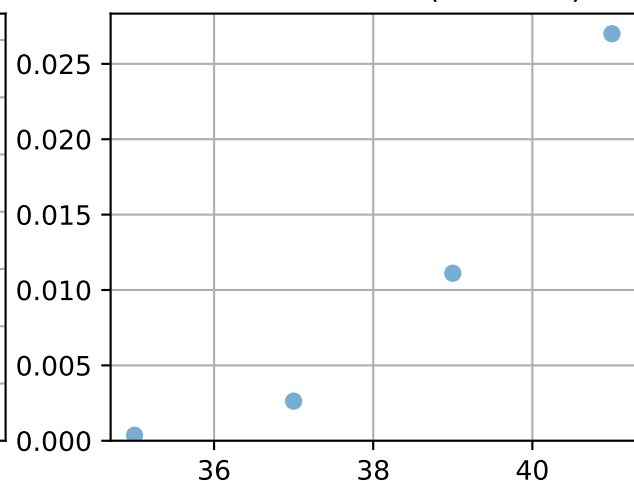
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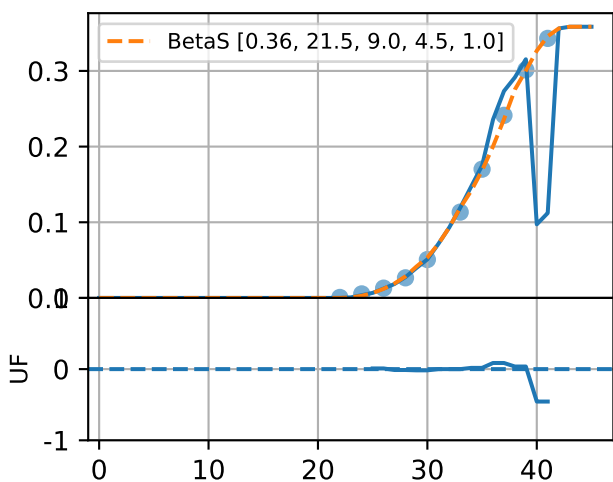
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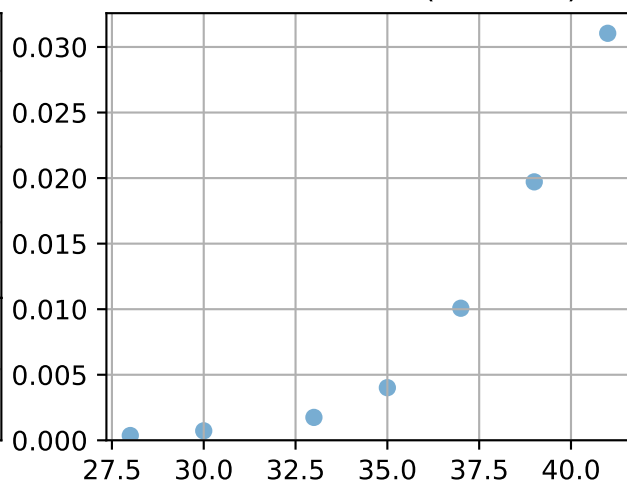
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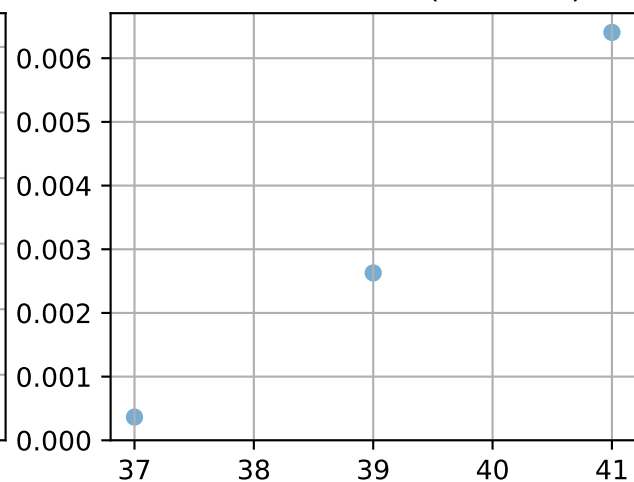
P3-084-11T1Fr1



P3-084-11T1Fr5 (fit failed)

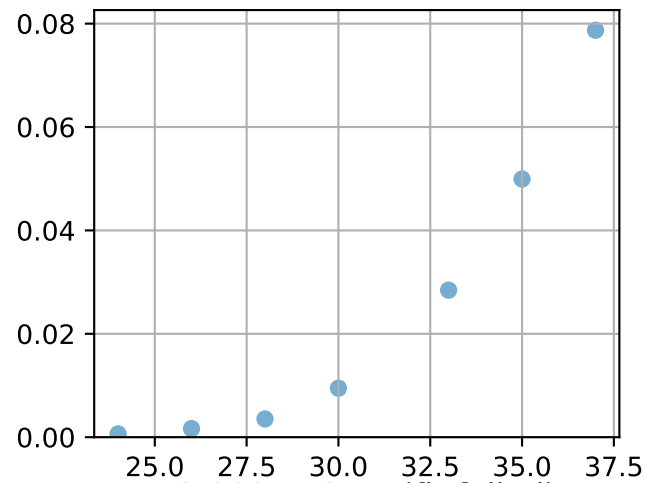


P3-084-11T2Fr5 (fit failed)

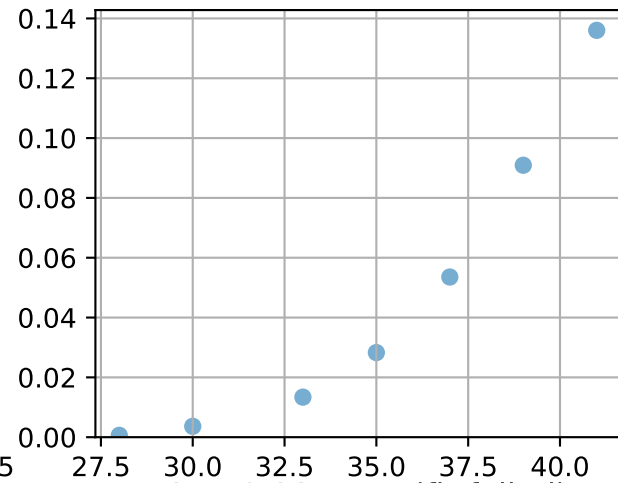


FrV

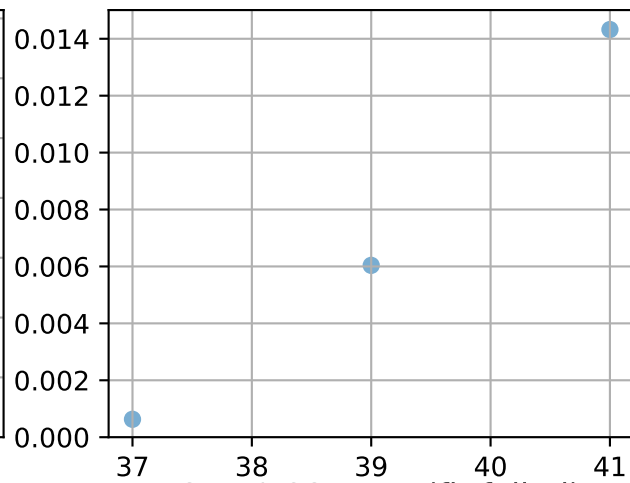
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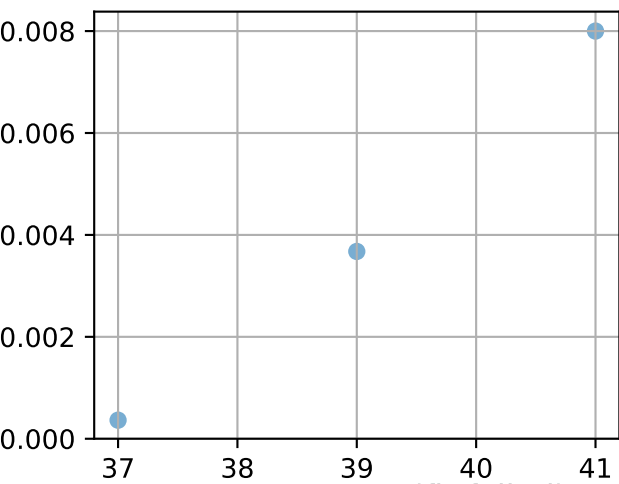
P3-099-4T1Fr5 (fit failed)



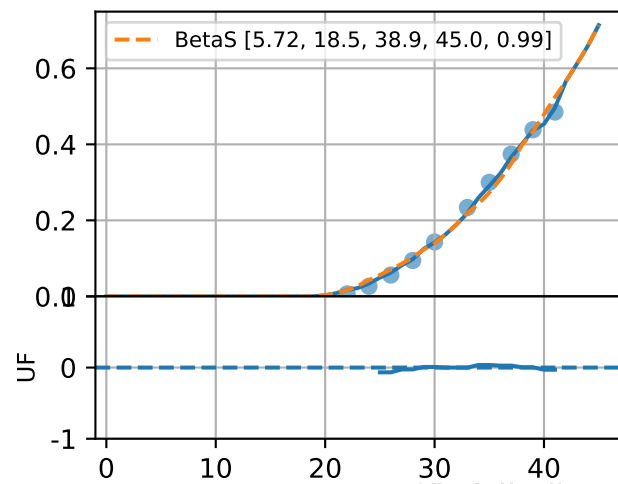
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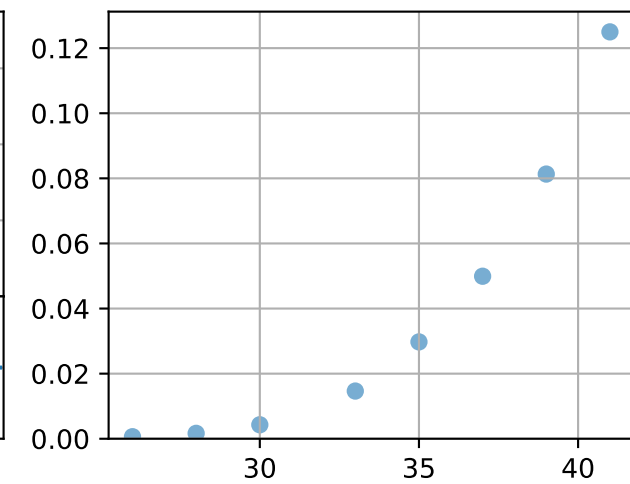
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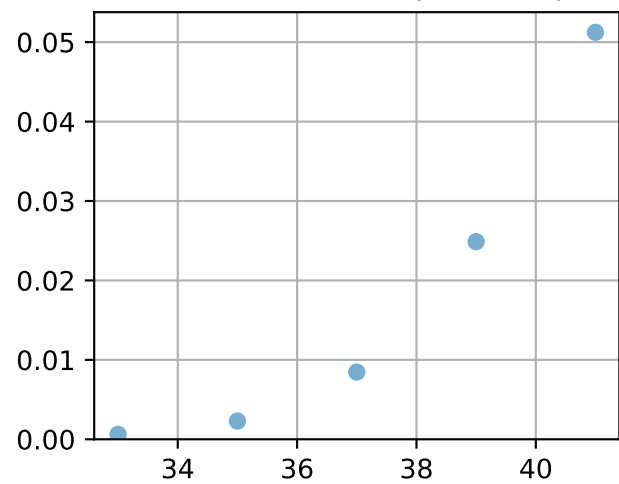
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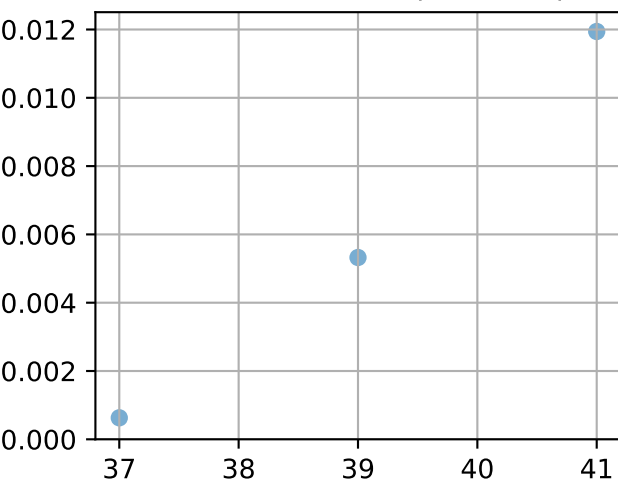
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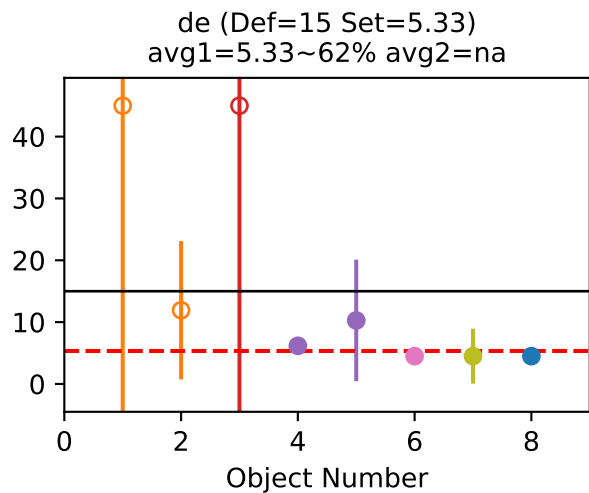
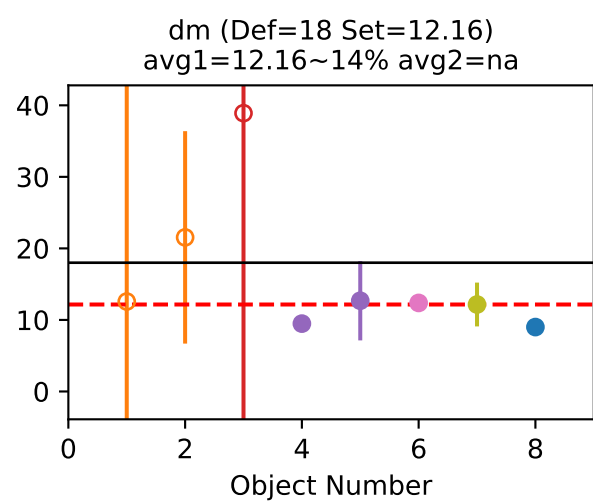
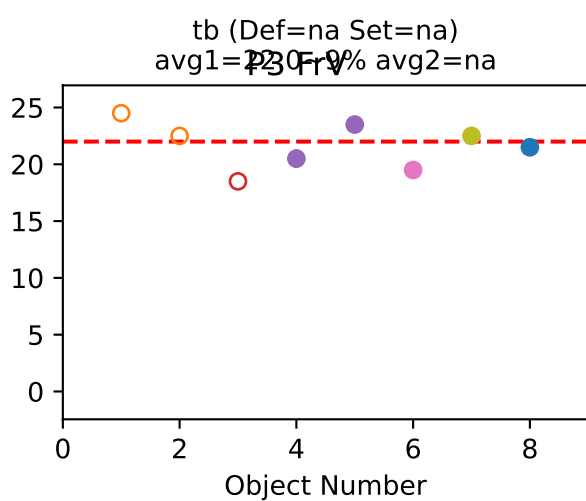
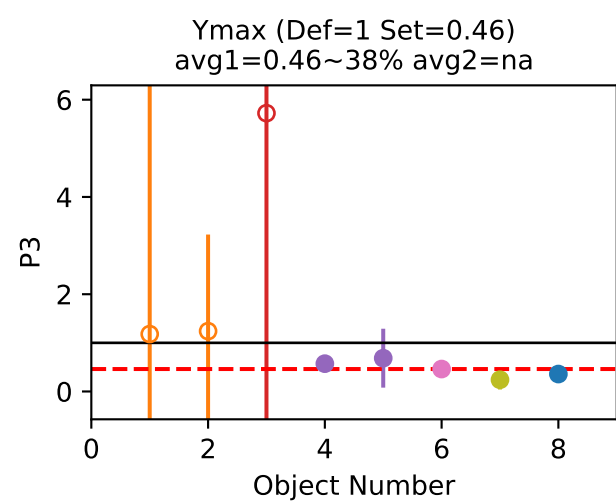


P3-110-23T2Fr1 (fit failed)

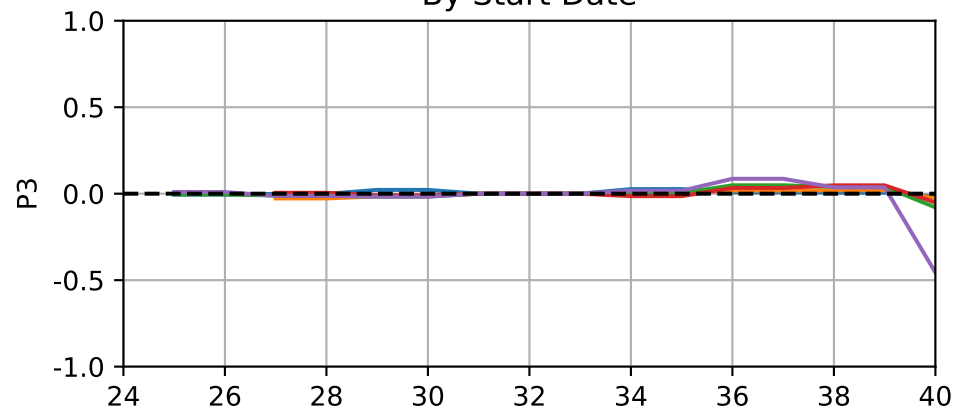


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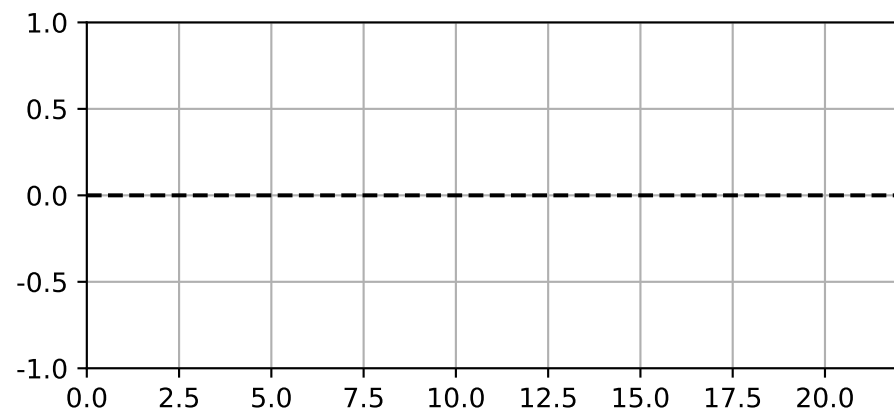
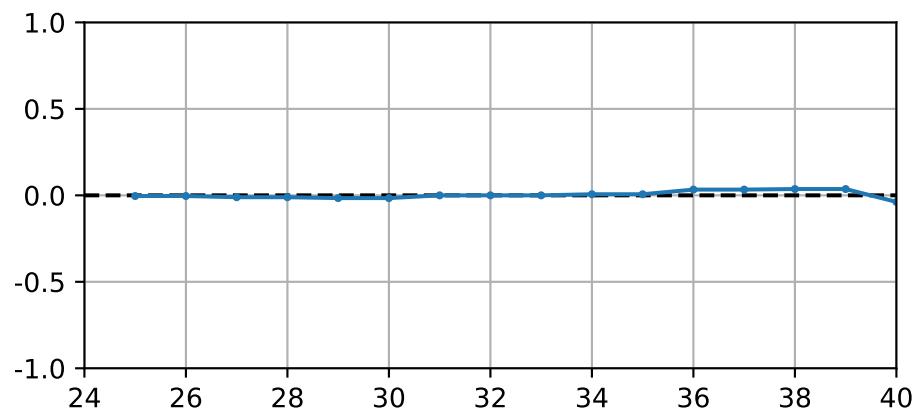
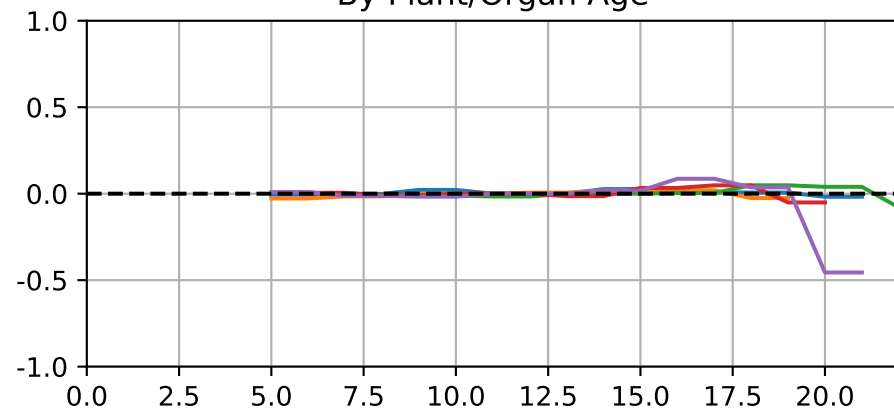




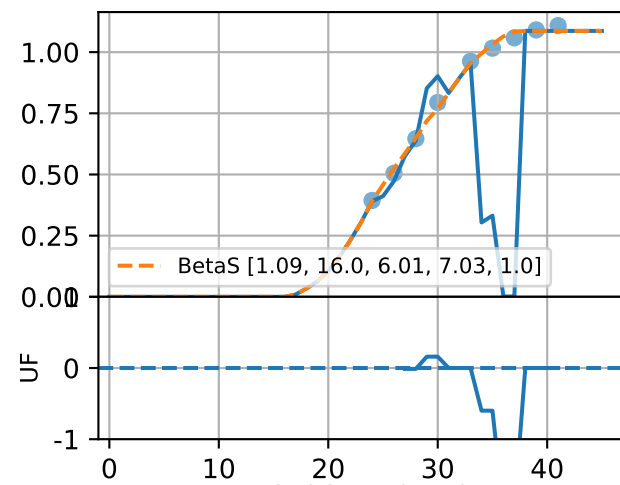
By Start Date



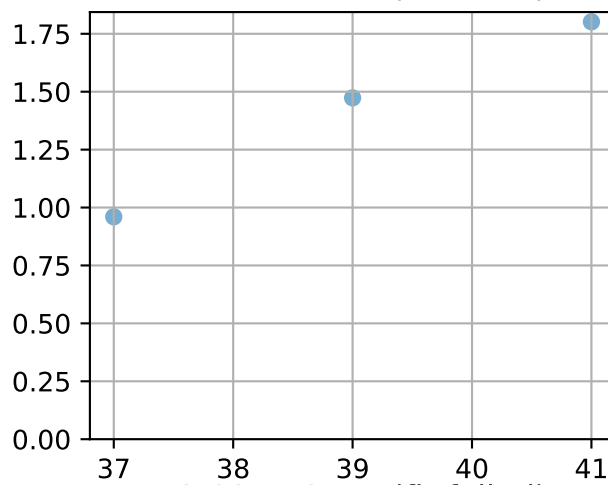
By Plant/Organ Age



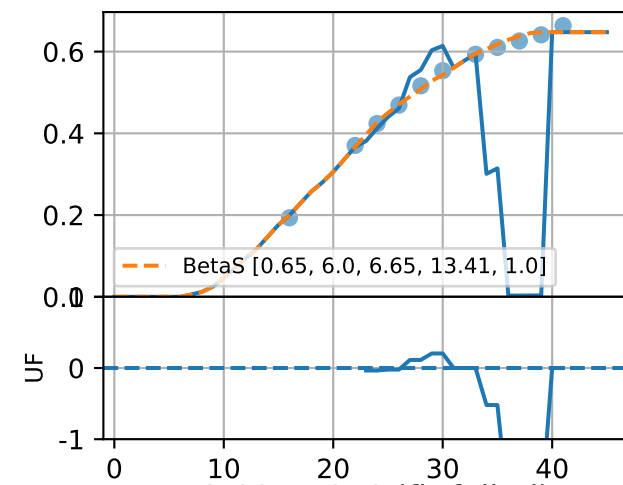
P3-009-13L10



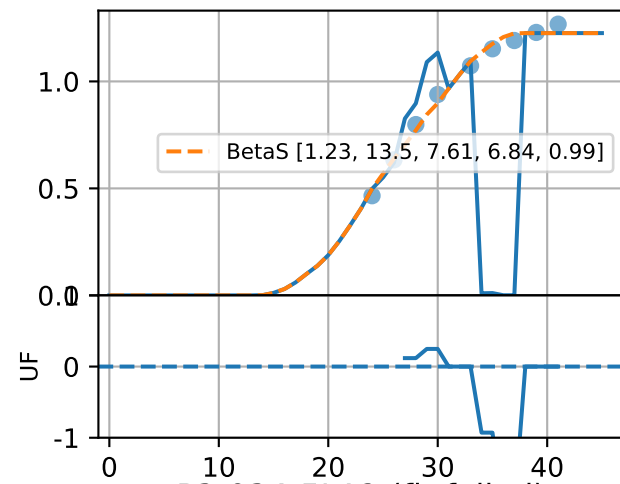
P3-009-15L15 (fit failed)



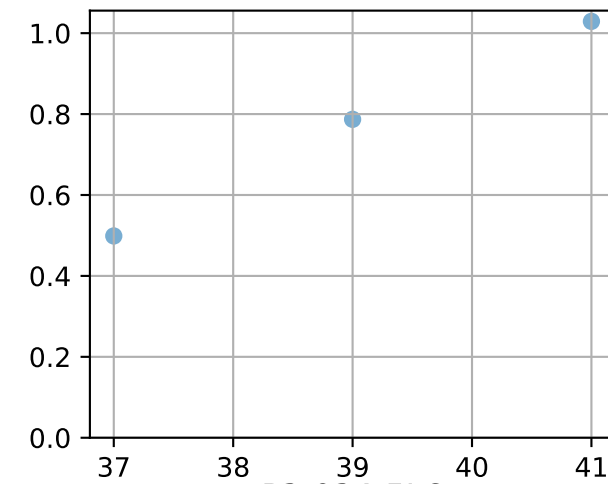
P3-009-13L7



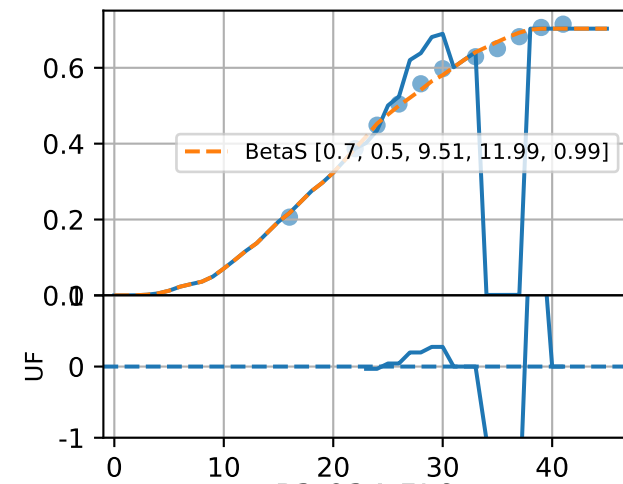
P3-021-19L10



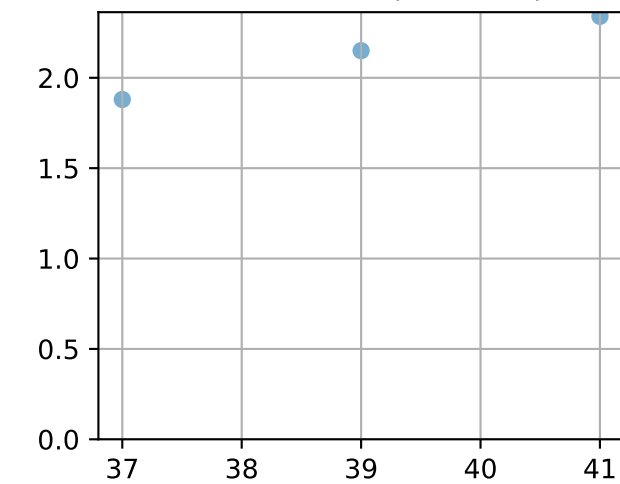
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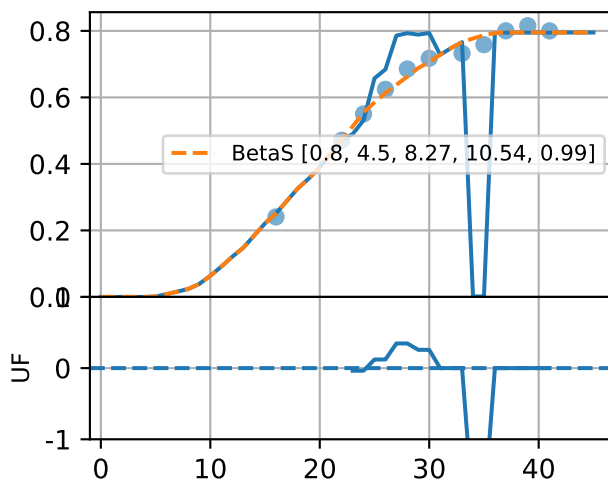
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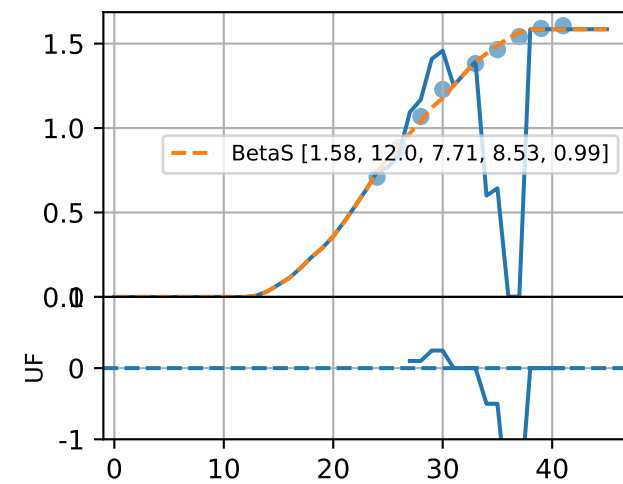
P3-034-5L12 (fit failed)



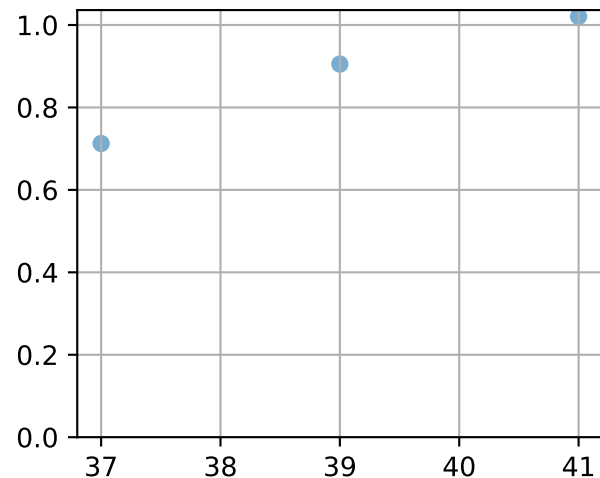
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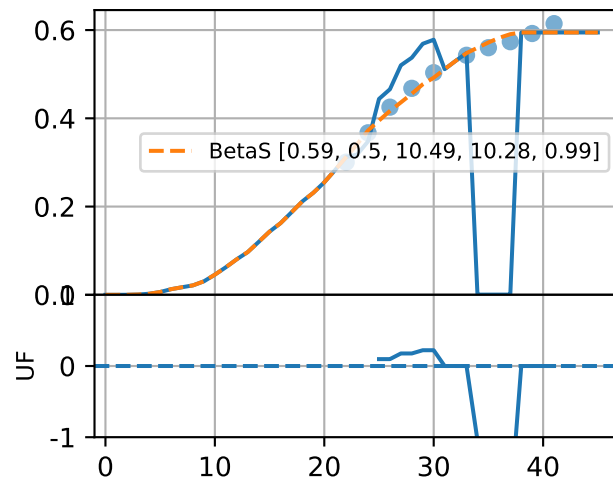
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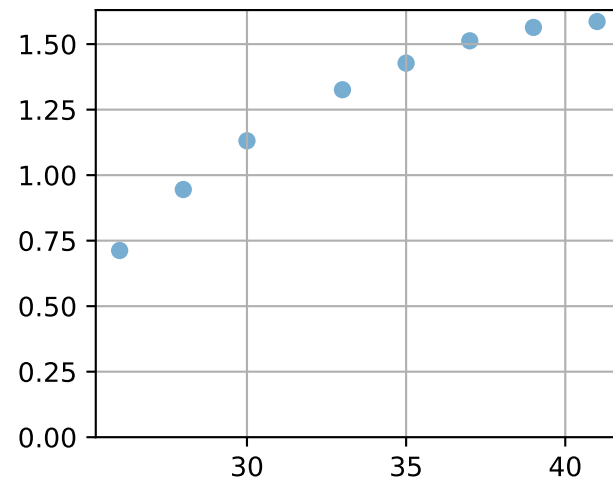
P3-045-17L12 (fit failed)



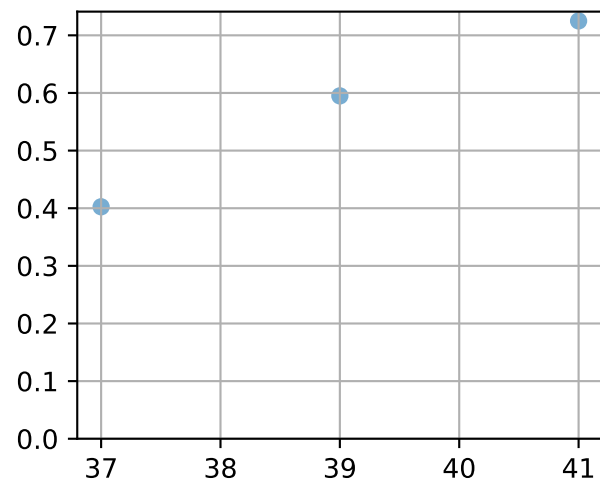
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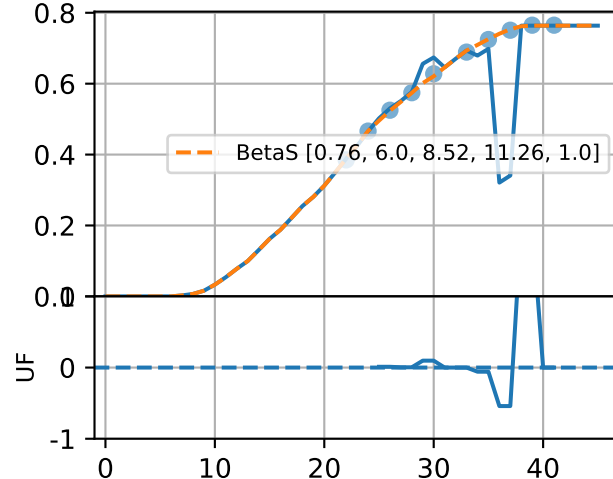
P3-054-28L10 (fit failed)



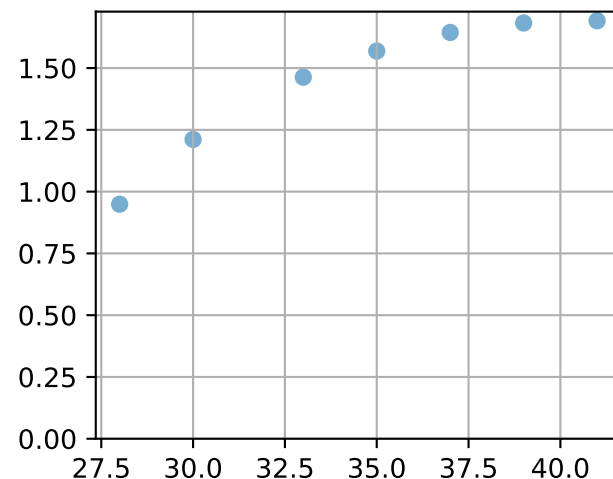
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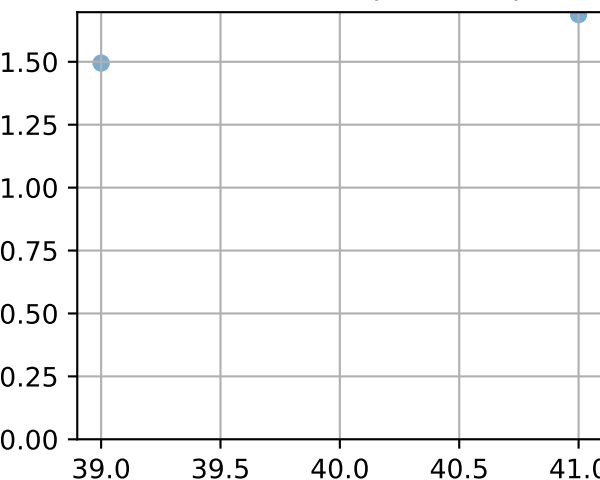
P3-054-28L7



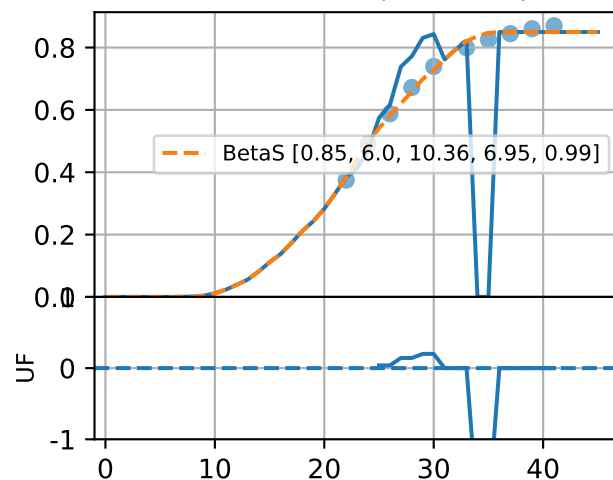
P3-068-4L10 (fit failed)



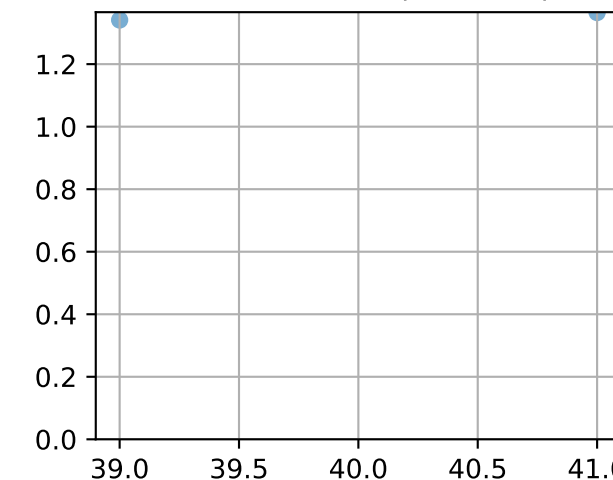
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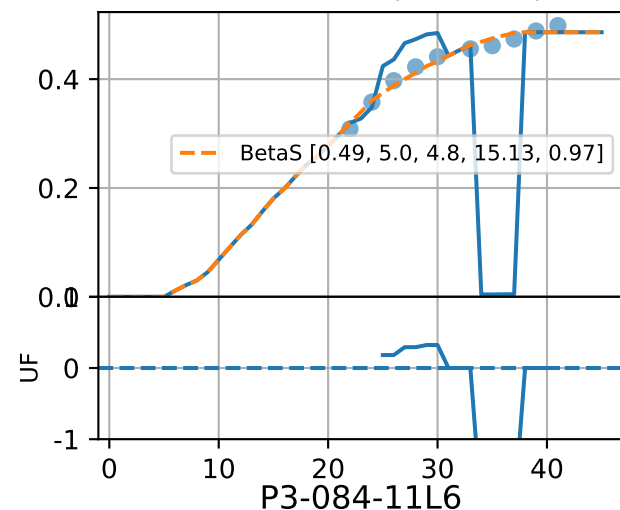
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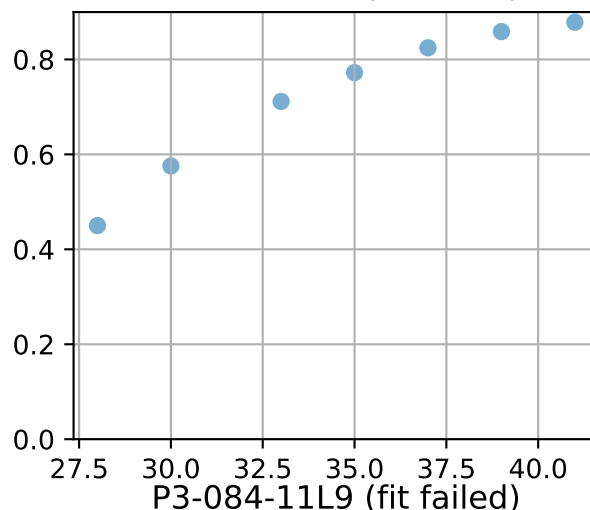
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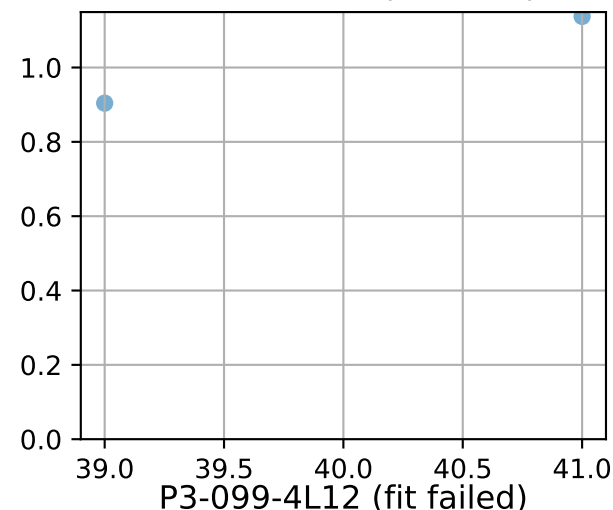
P3-075-19L6 (fit failed)



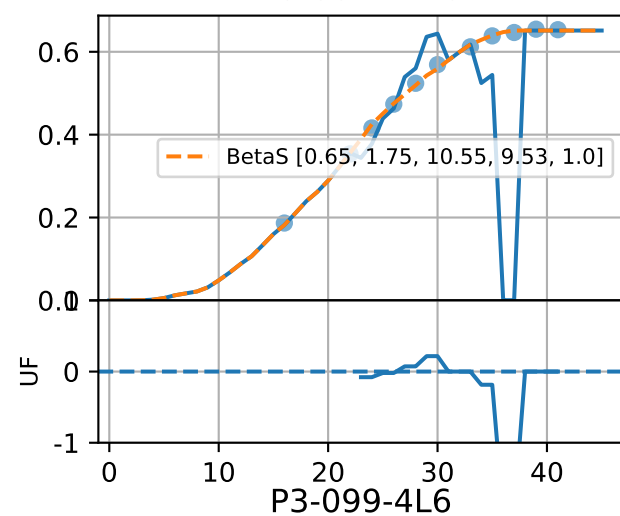
P3-075-19L9 (fit failed)



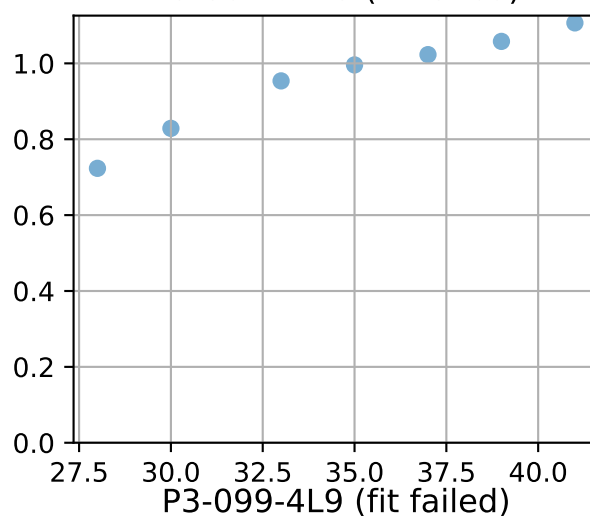
P3-084-11L13 (fit failed)



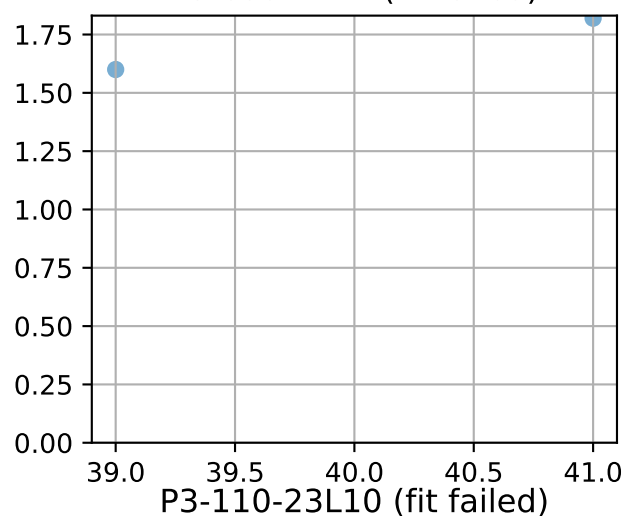
P3-084-11L6



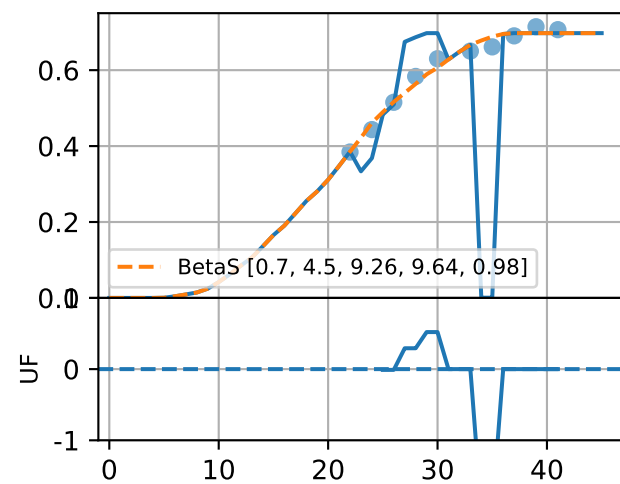
P3-084-11L9 (fit failed)



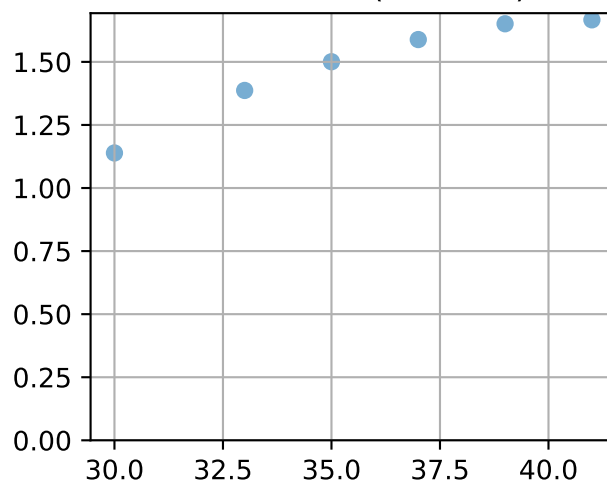
P3-099-4L12 (fit failed)



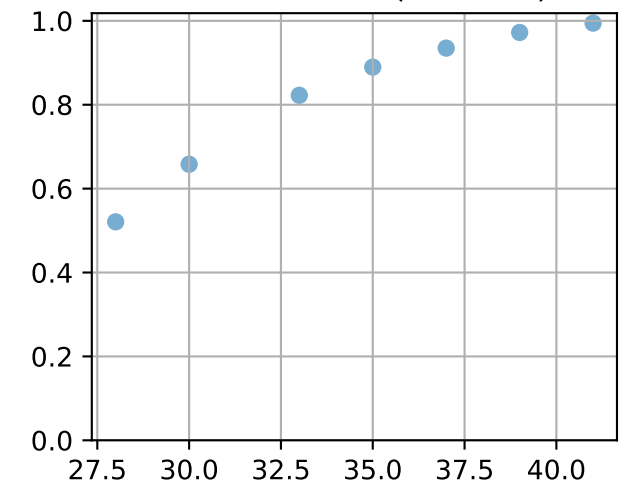
P3-099-4L6



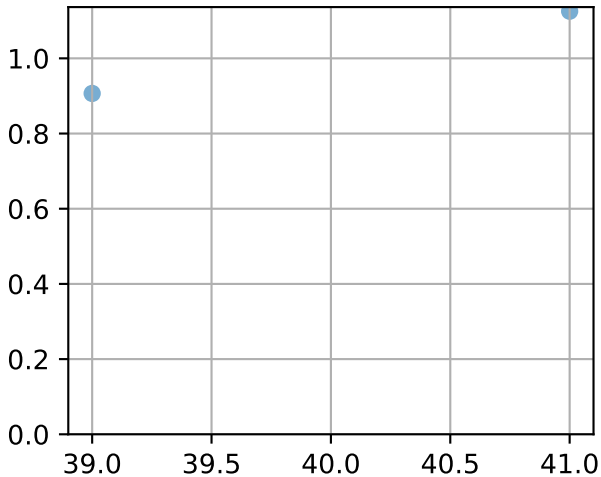
P3-099-4L9 (fit failed)



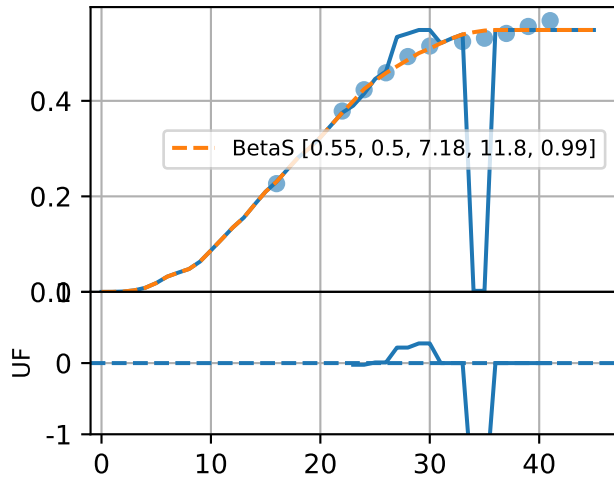
P3-110-23L10 (fit failed)

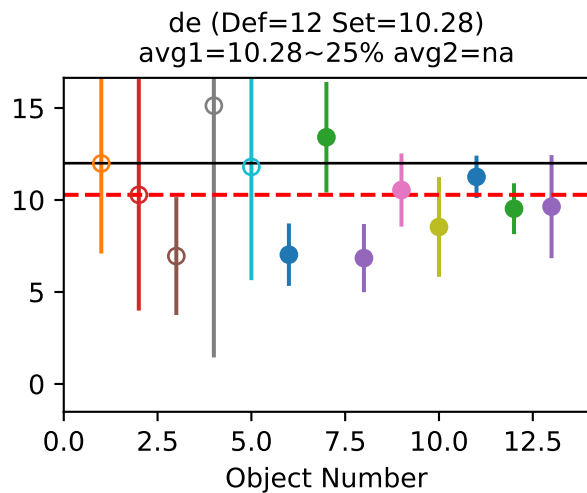
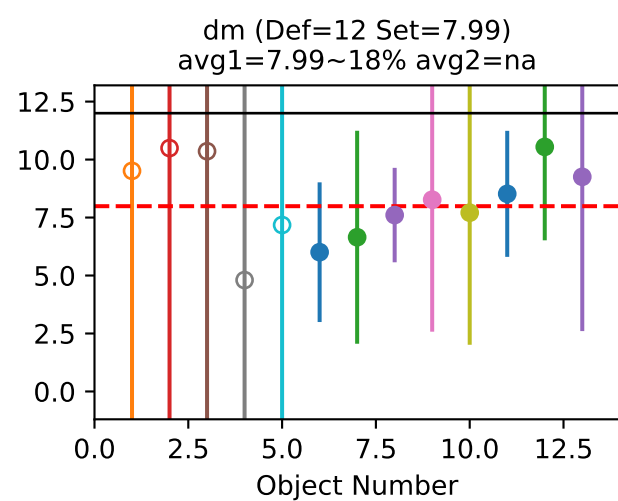
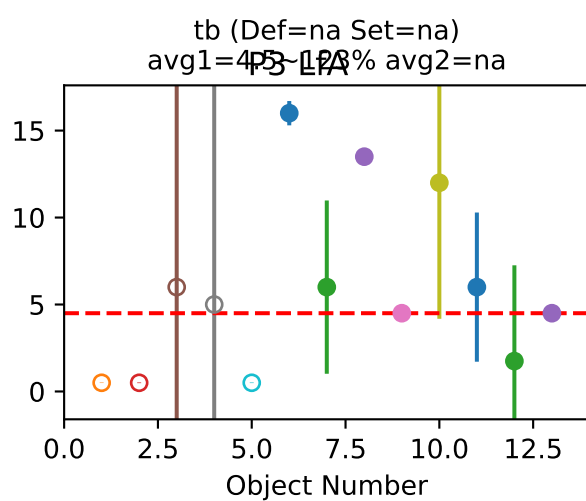
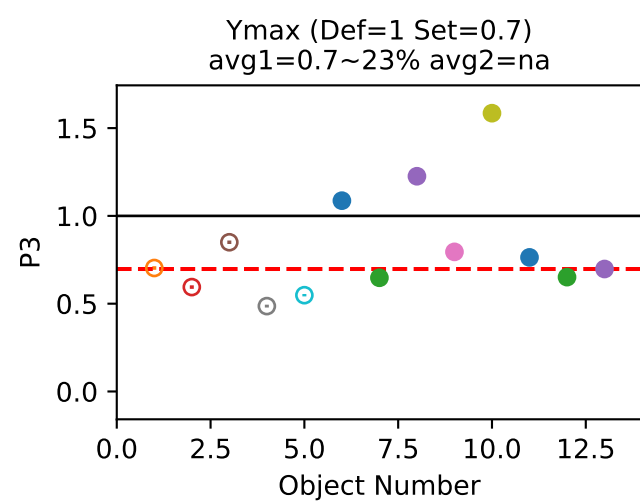


P3-110-23L14 (fit failed)

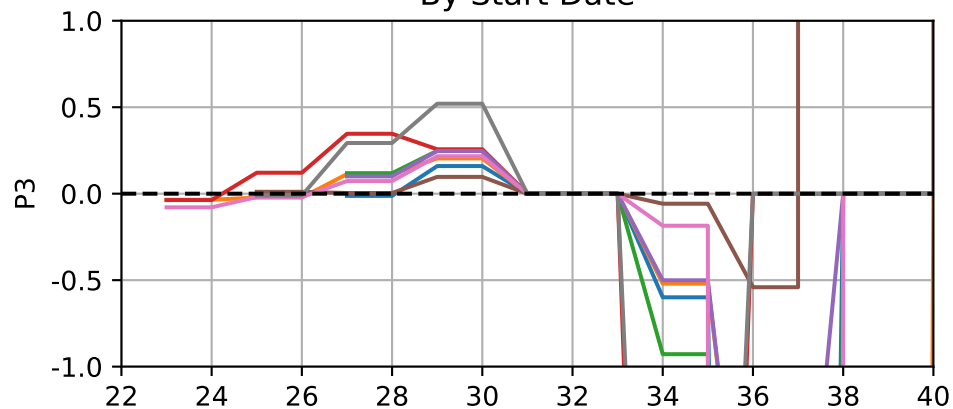


P3-110-23L16 (fit failed)

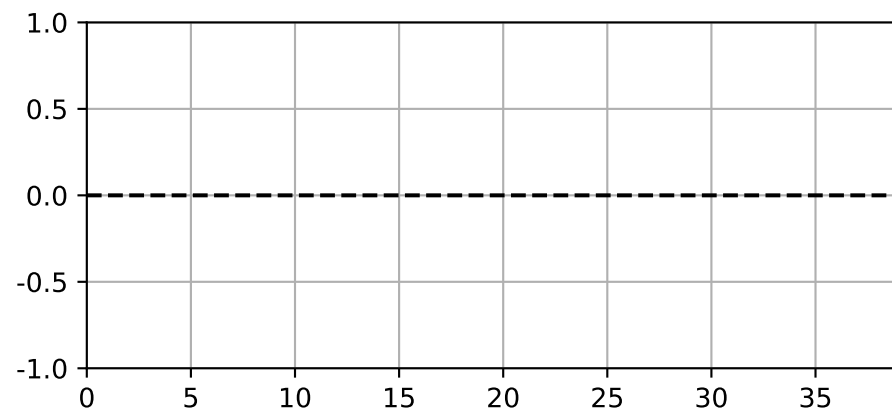
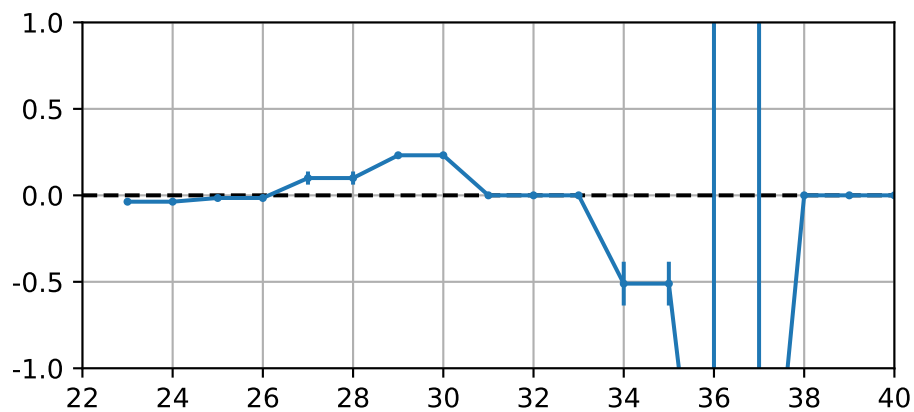
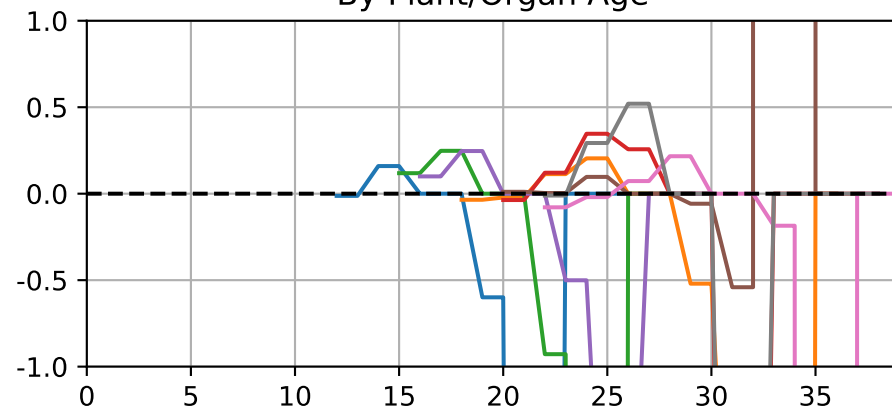




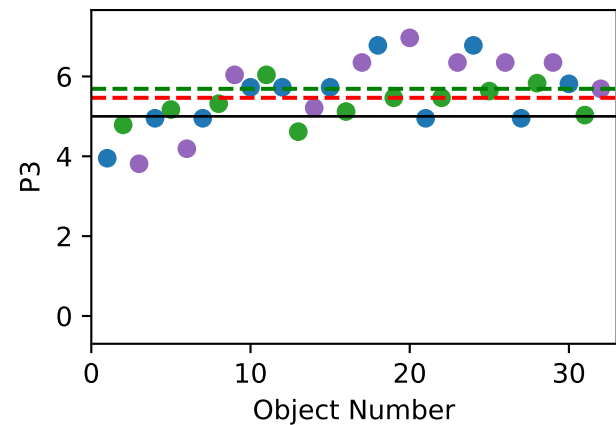
By Start Date



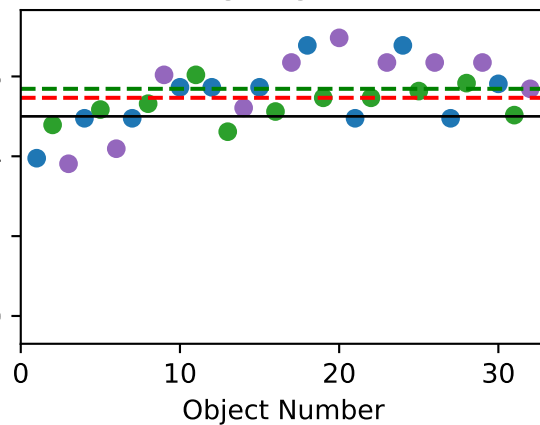
By Plant/Organ Age



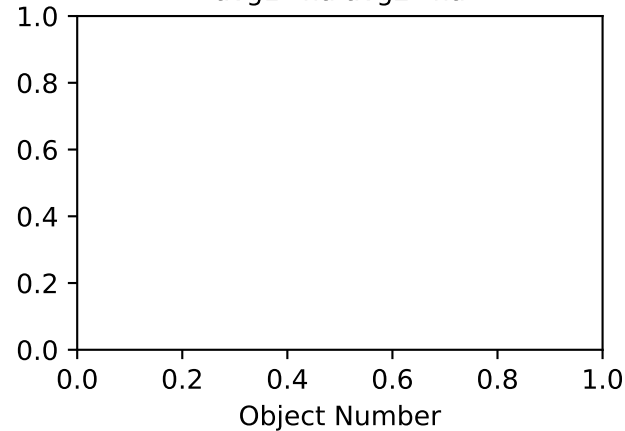
Fl_dm (Def=5 Set=5.46)
avg1=5.46~15% avg2=5.69~7%



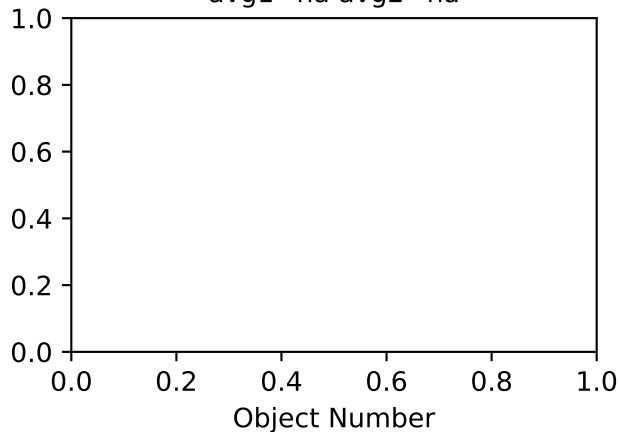
Fl_de (Def=5 Set=5.46)
avg1=5.46~15% avg2=5.69~7%



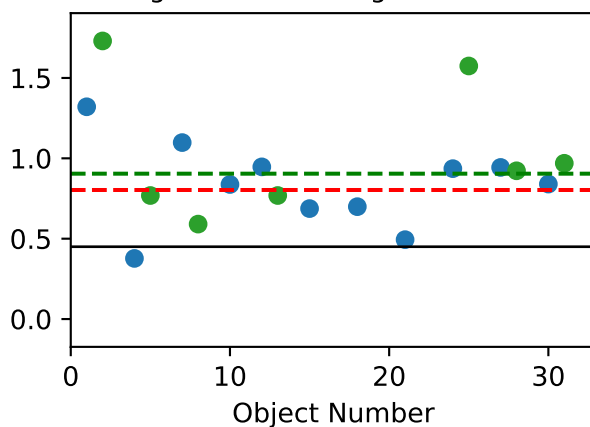
FrV_dm (Def=18 Set=12.16)
avg1=na avg2=na



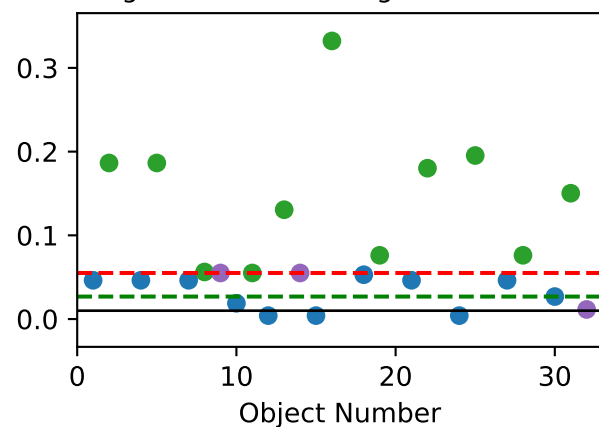
FrV_de (Def=15 Set=5.33)
avg1=na avg2=na



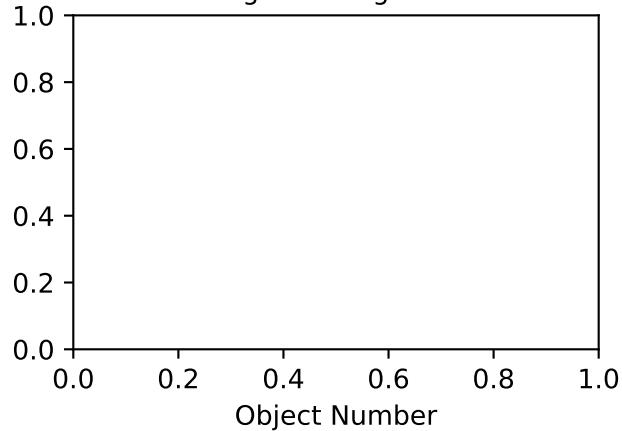
FrN_a (Def=0.45 Set=0.8)
avg1=0.8~30% avg2=0.9~10%



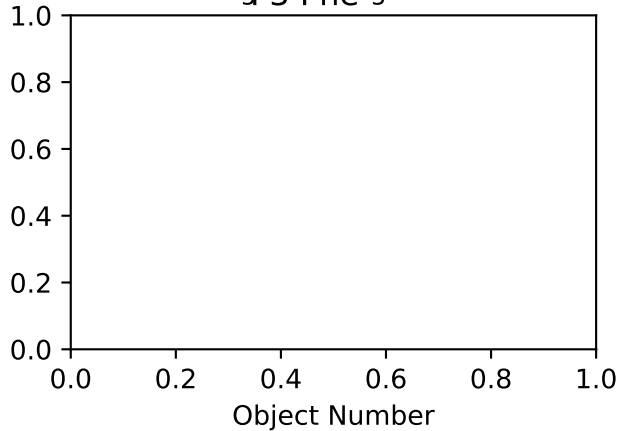
FSDdevStage (Def=0.01 Set=0.01)
avg1=0.06~113% avg2=0.03~283%



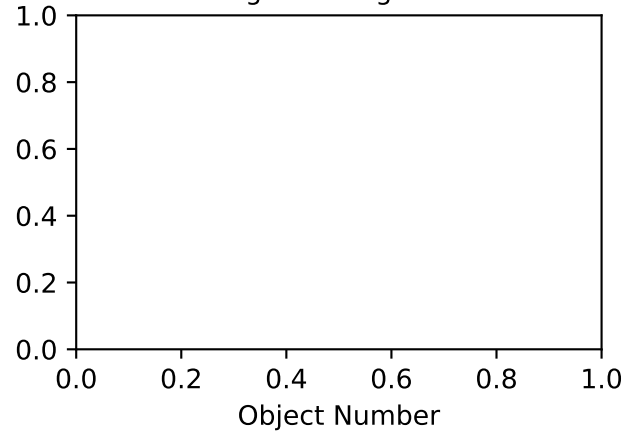
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



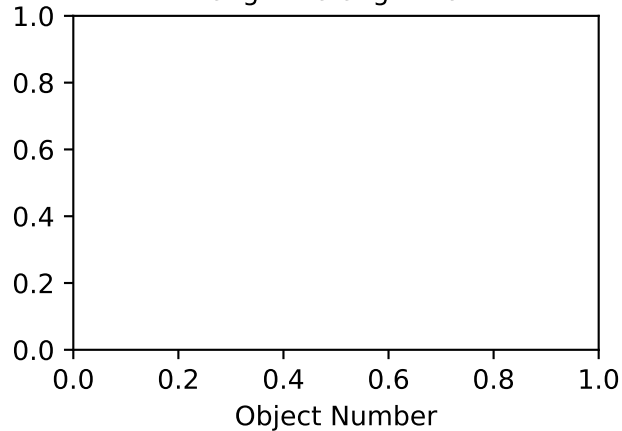
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



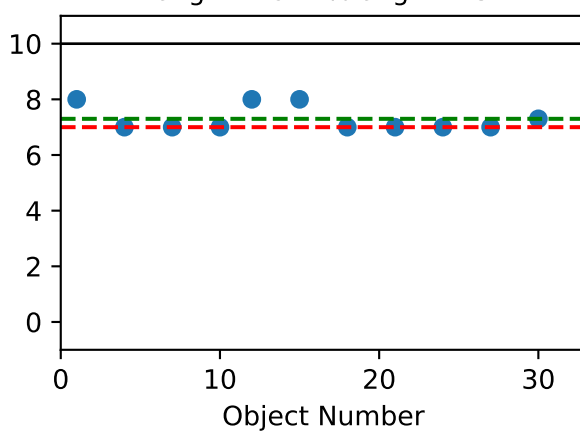
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

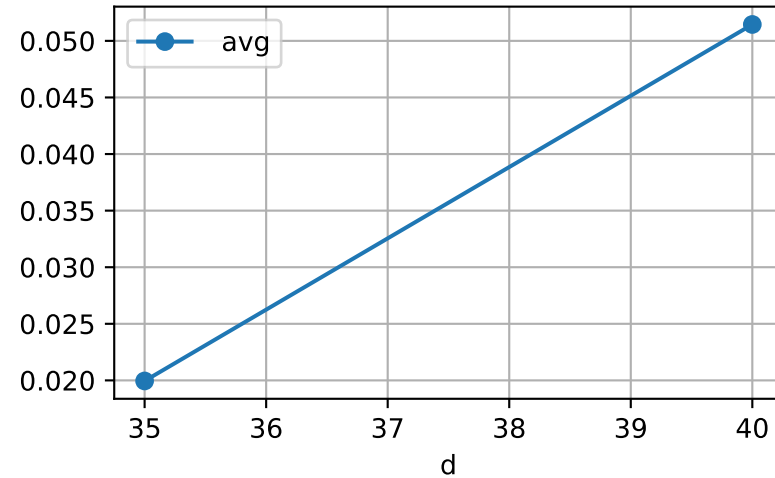


NNgen (Def=10 Set=7)
avg1=7.0~7% avg2=7.3

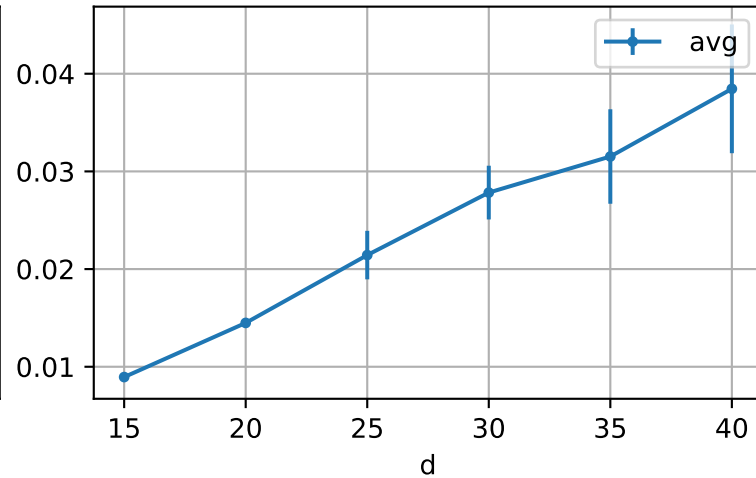


LfA: avg vs. d at each age group

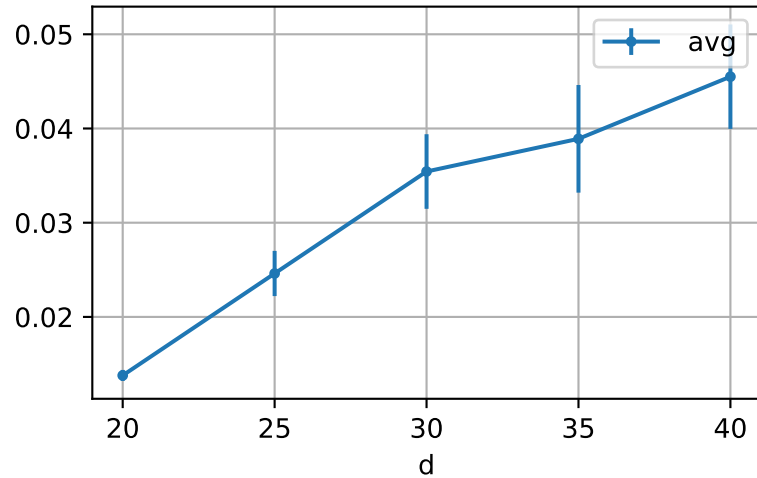
age=15



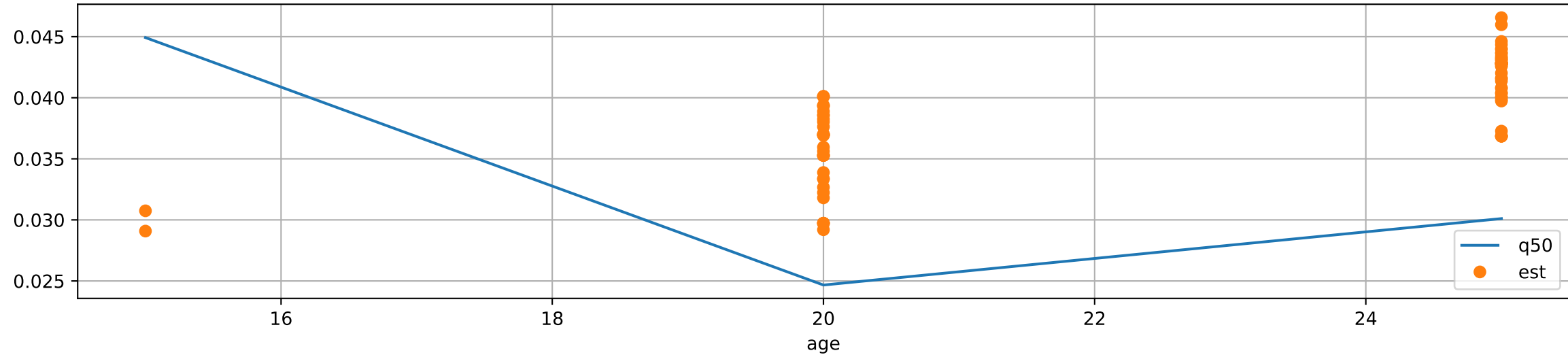
age=20



age=25

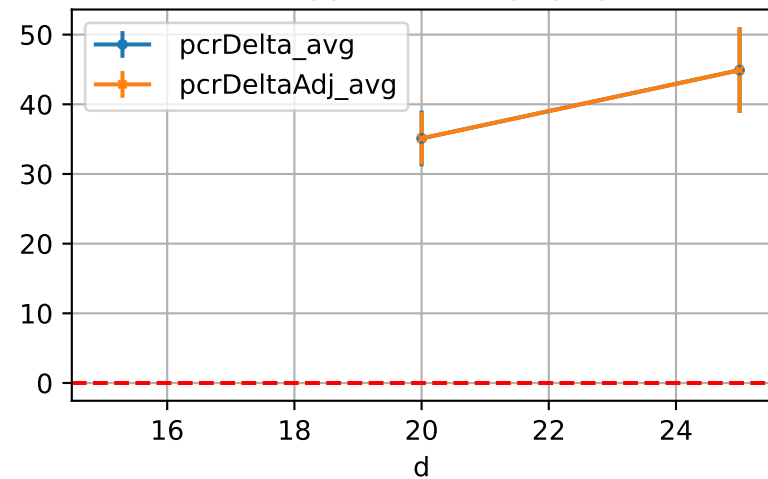


LfA: model est vs obsOv@Q50

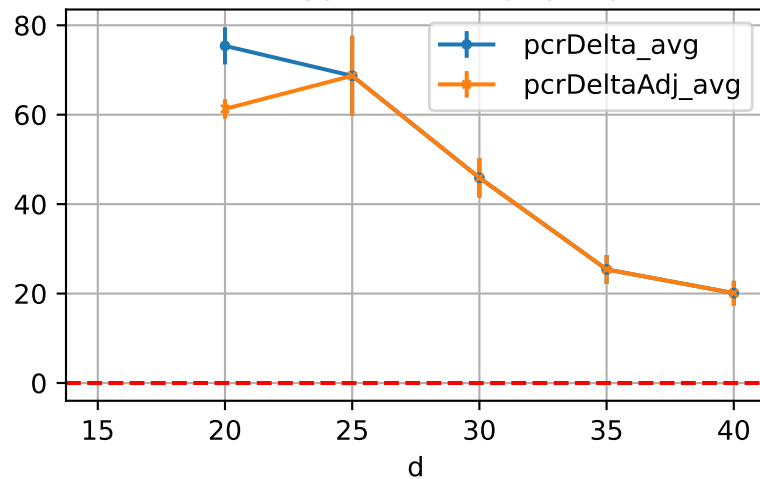


P3 LfA: D_5d_LfA

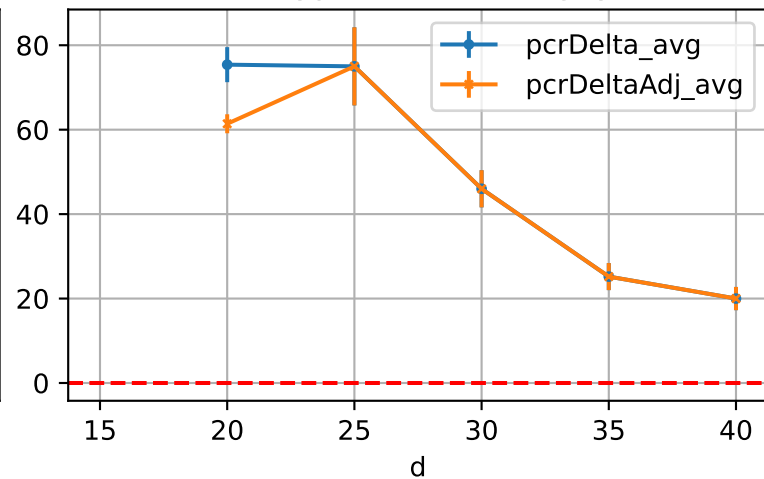
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

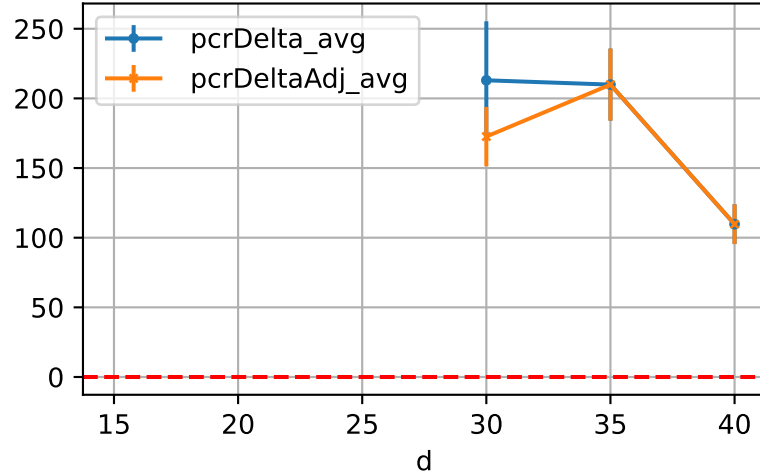


DeltaTypeAbbr=WeiAvgByD

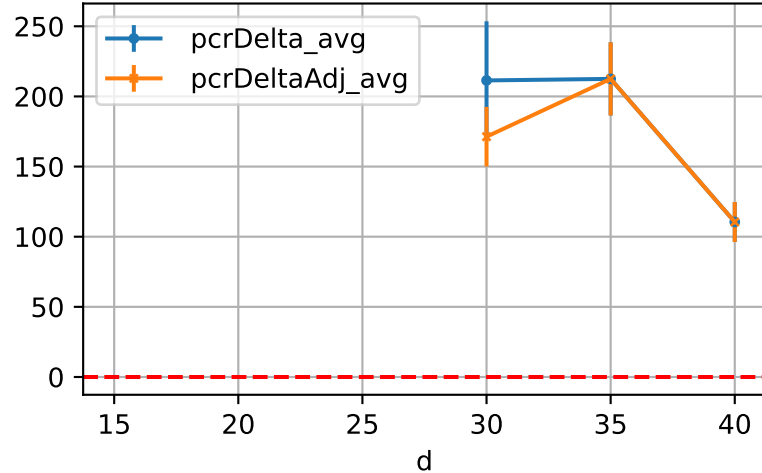


P3 LfA: D_15d_LfA

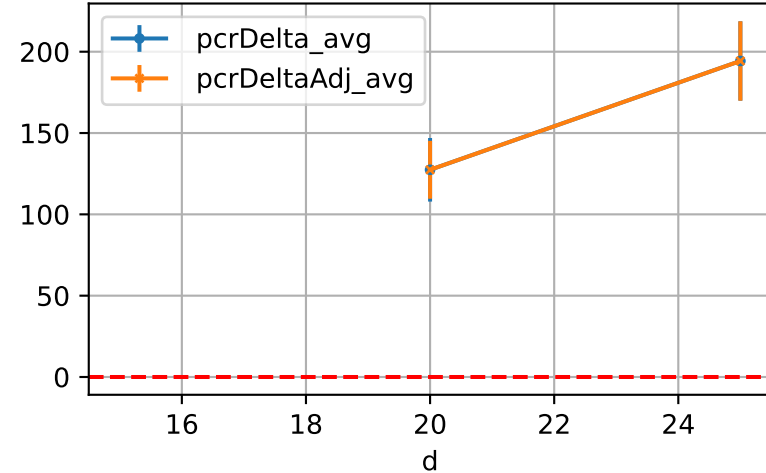
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

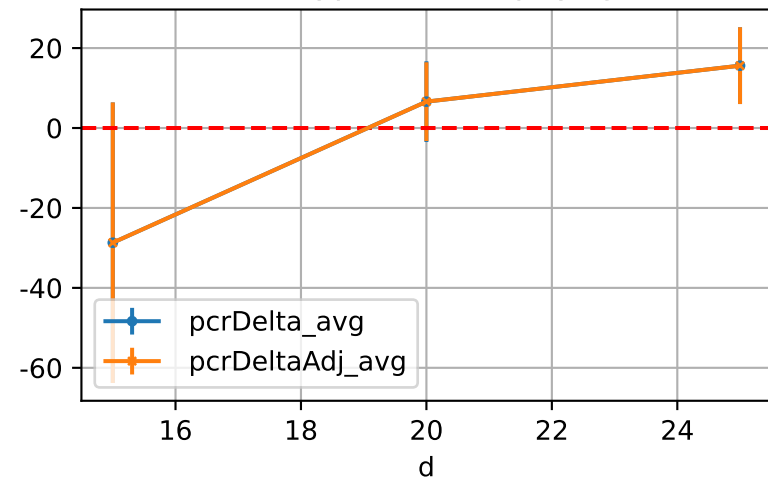


DeltaTypeAbbr=GrpByAge

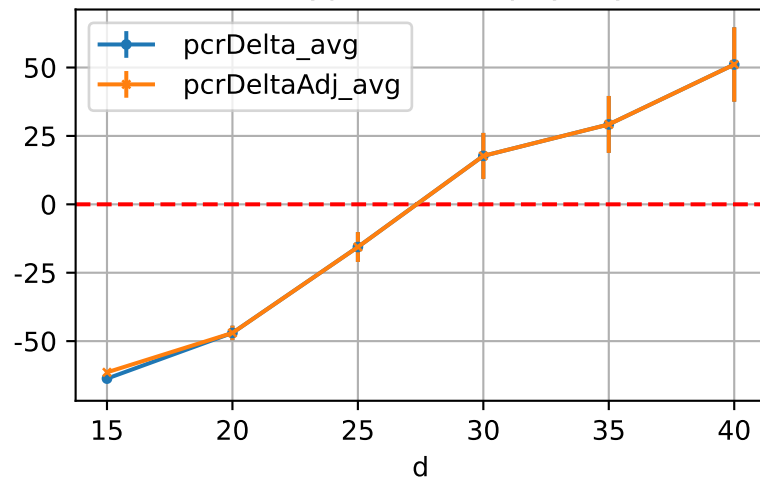


P3 LfA: D_Q50_LfA

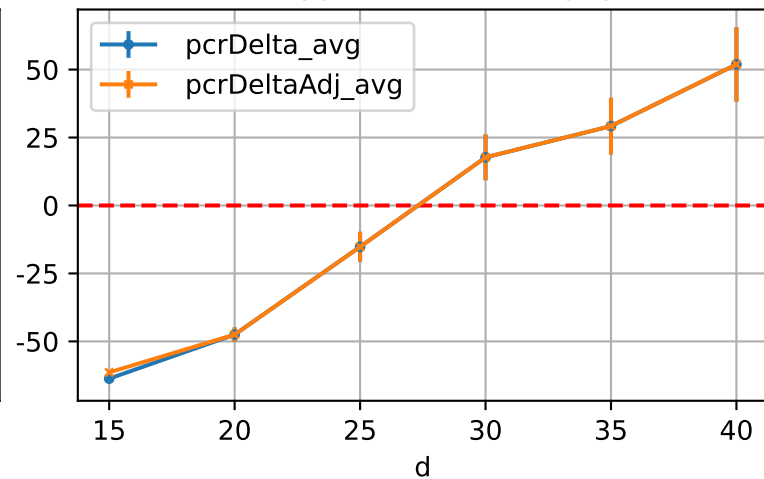
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

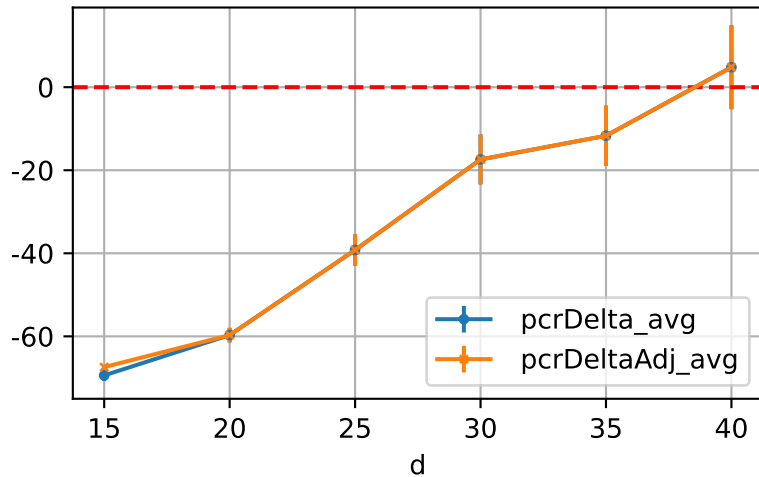
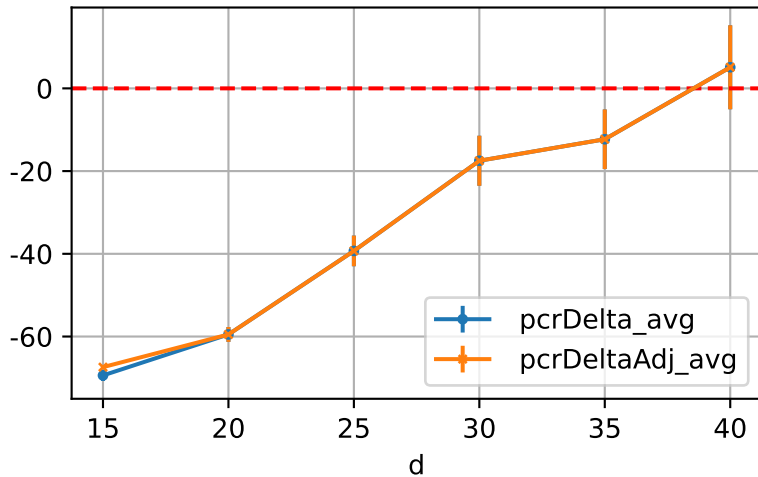
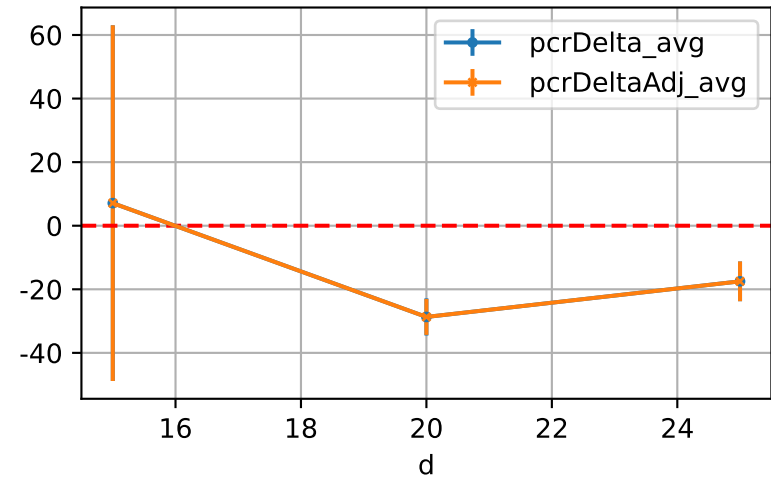


P3 LfA: D_Est_LfA

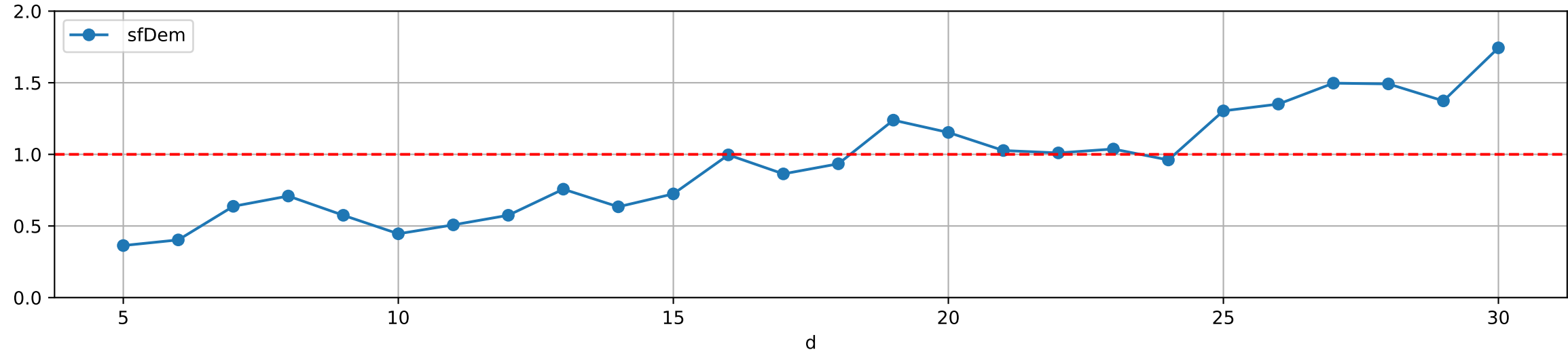
DeltaTypeAbbr=GrpByDay

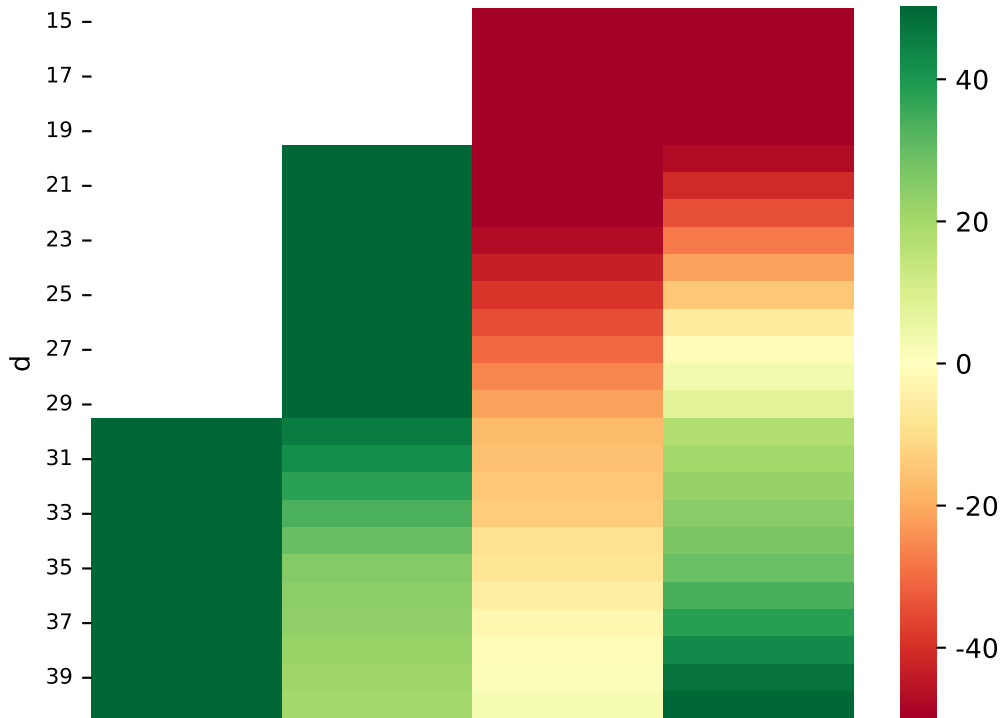
DeltaTypeAbbr=WeiAvgByD

DeltaTypeAbbr=GrpByAge



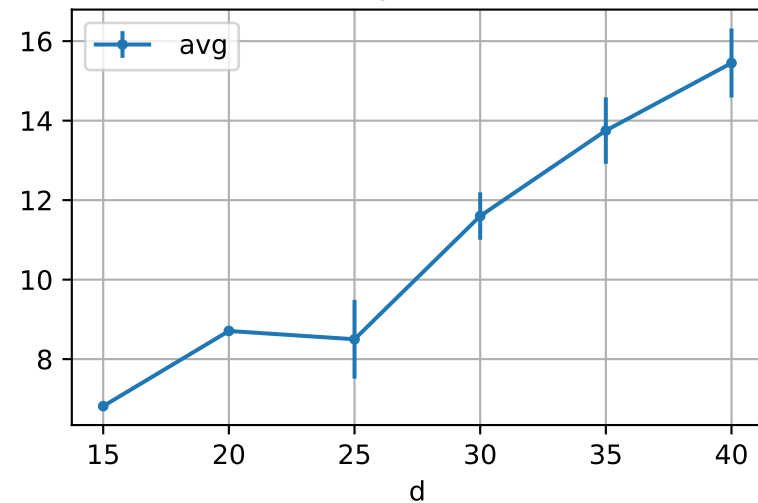
LfA: sfDem



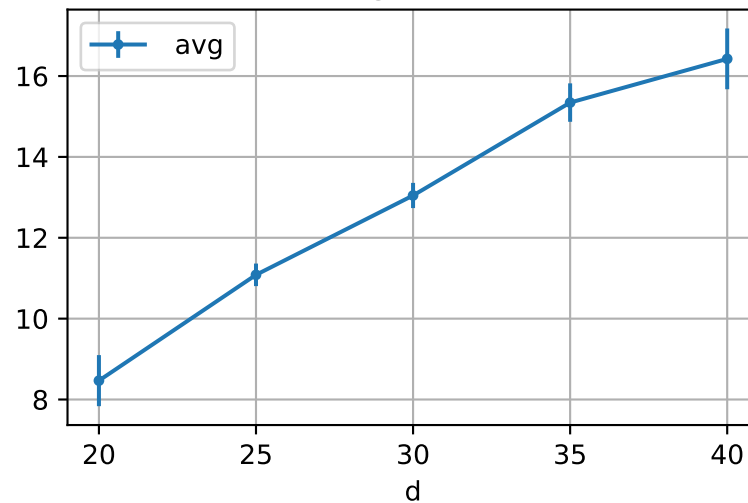


NdD: avg vs. d at each age group

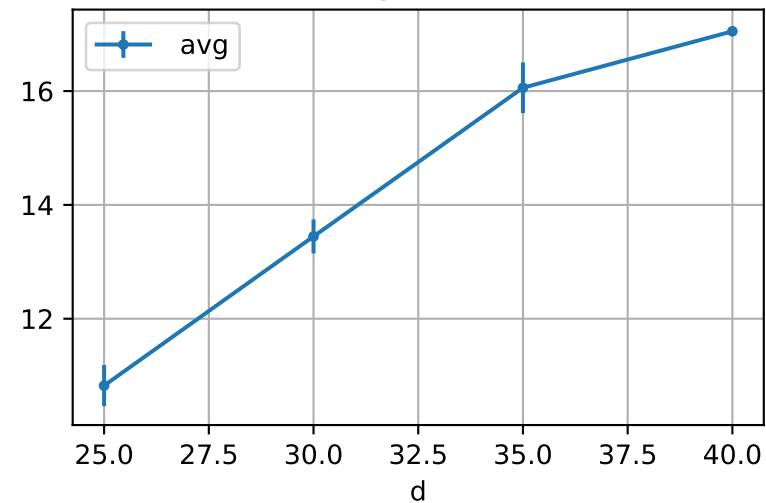
age=15



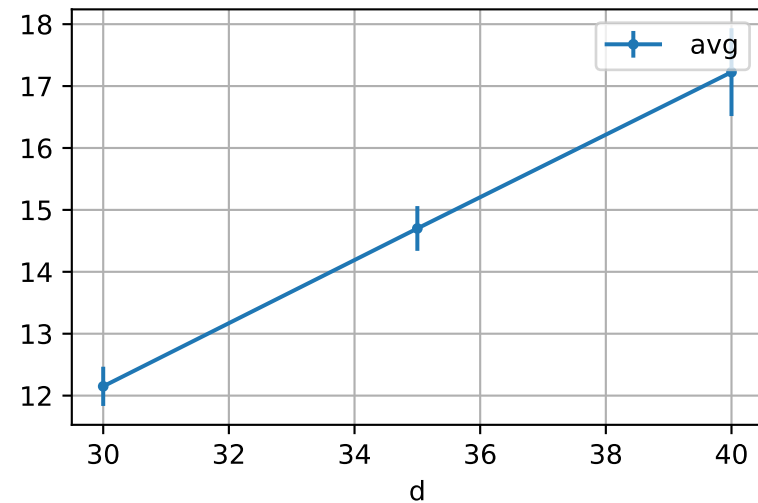
age=20



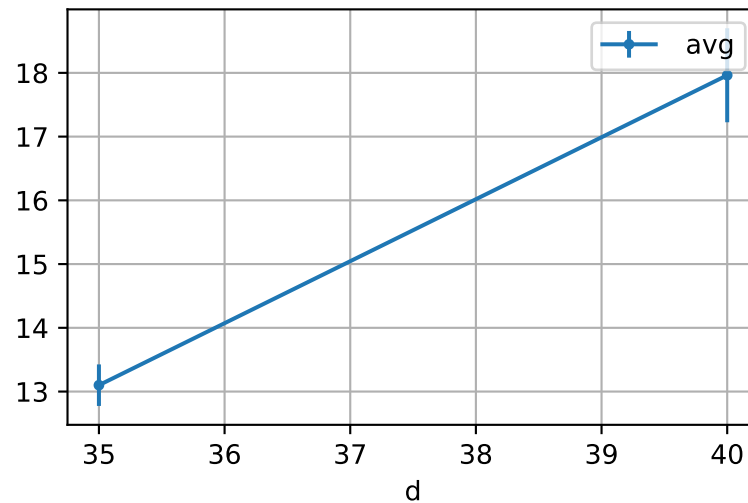
age=25



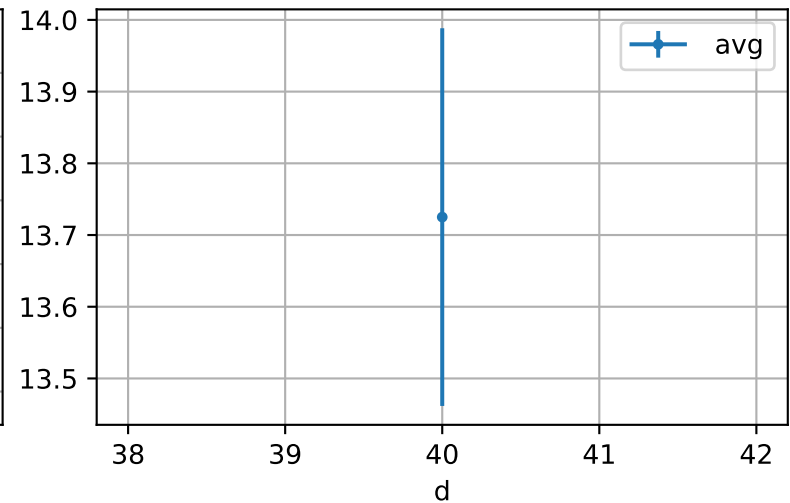
age=30



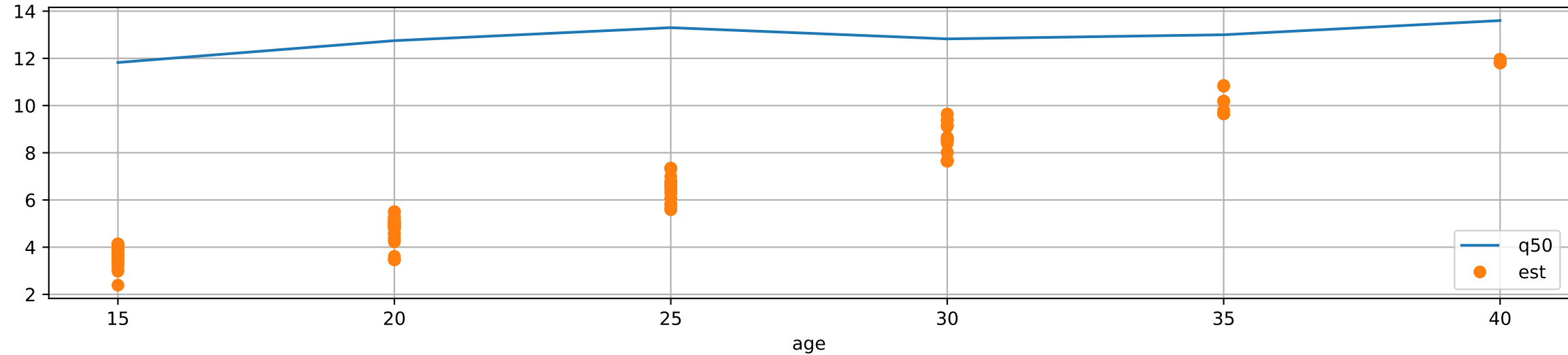
age=35



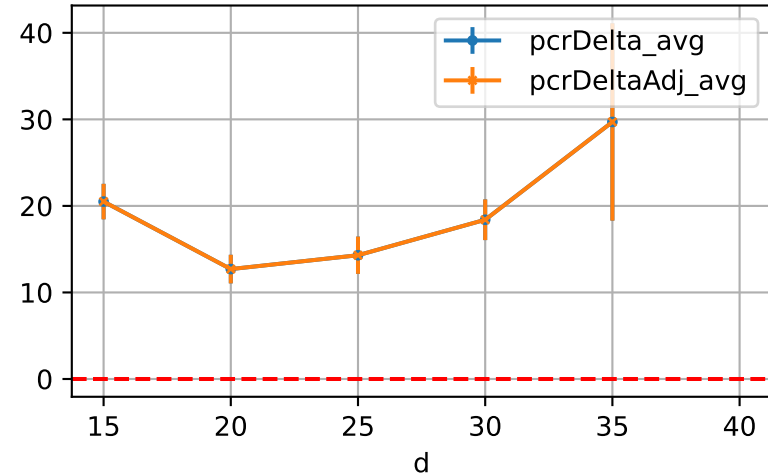
age=40



NdD: model est vs obsOv@Q50

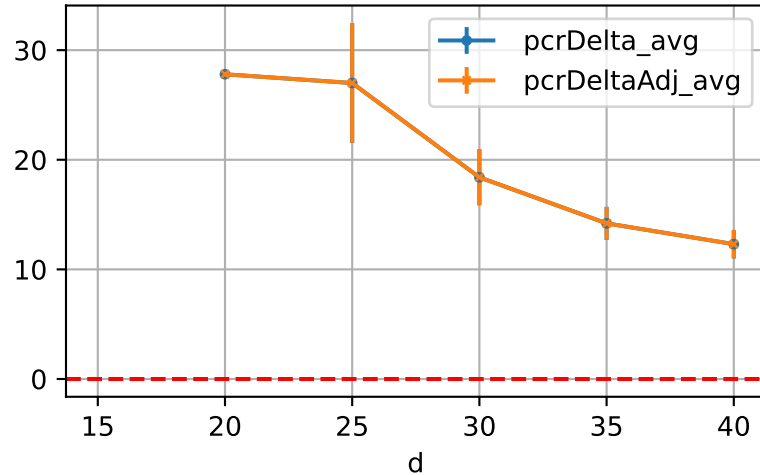


DeltaTypeAbbr=GrpByAge

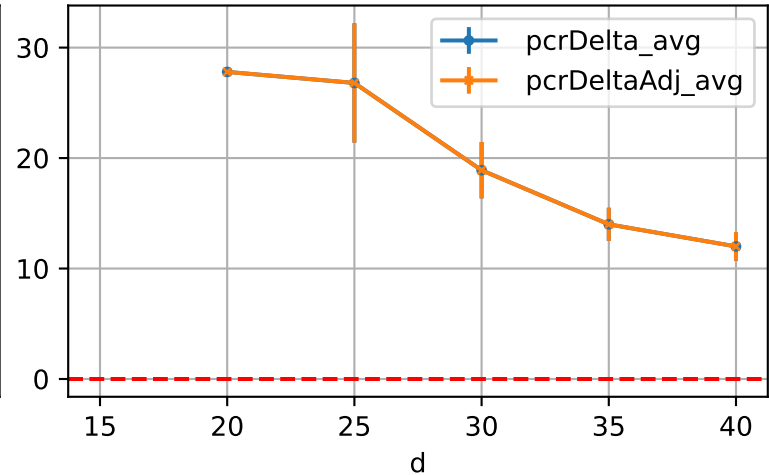


P3 NdD: D_5d_NdD

DeltaTypeAbbr=GrpByDay

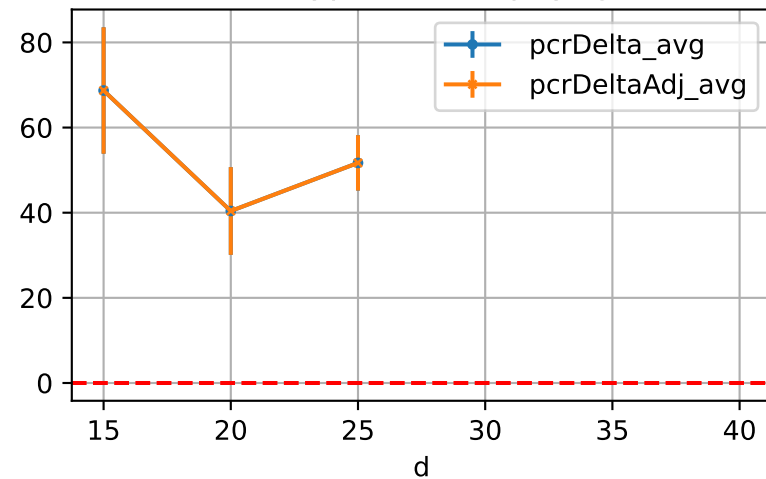


DeltaTypeAbbr=WeiAvgByD

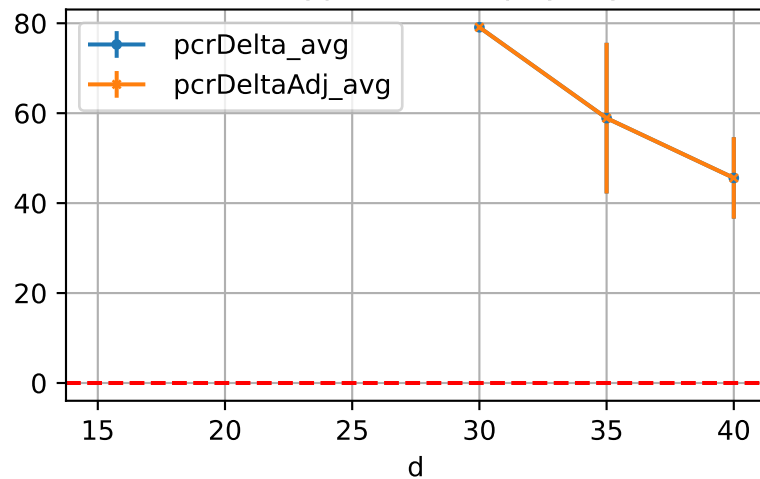


P3 NdD: D_15d_NdD

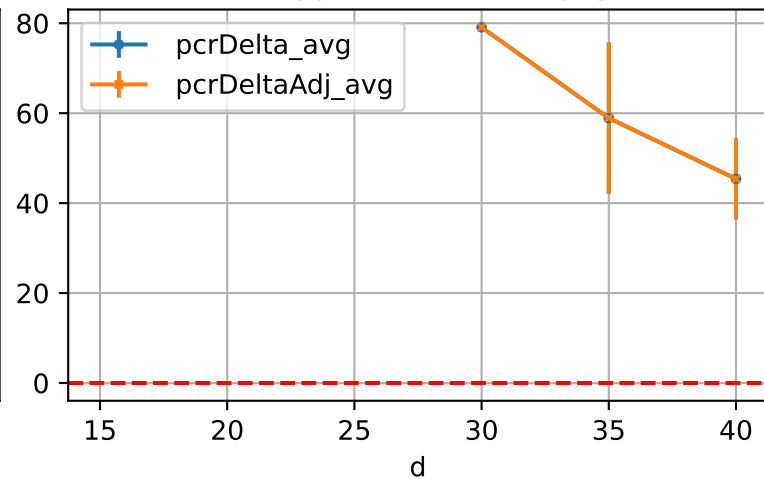
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

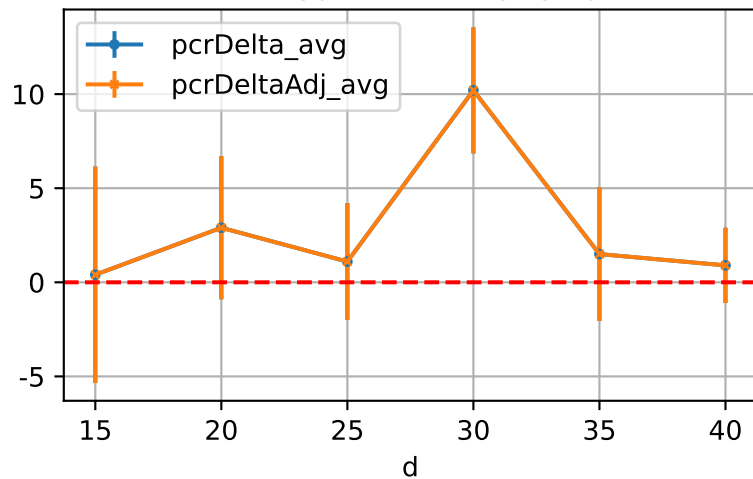


DeltaTypeAbbr=WeiAvgByD

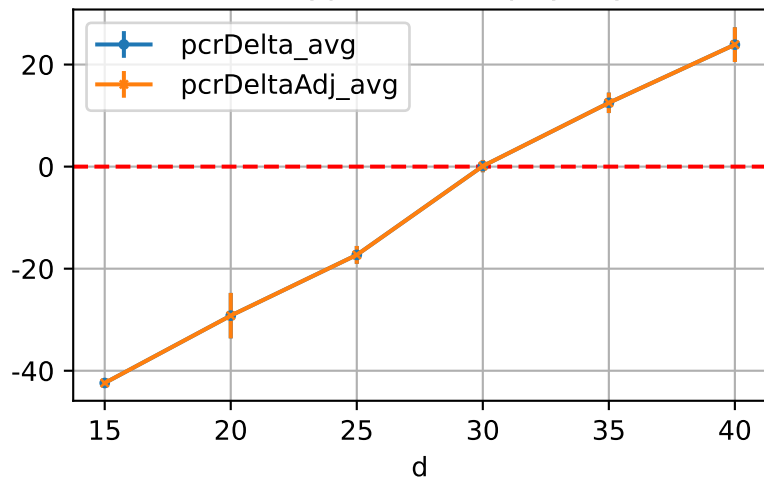


P3 NdD: D_Q50_NdD

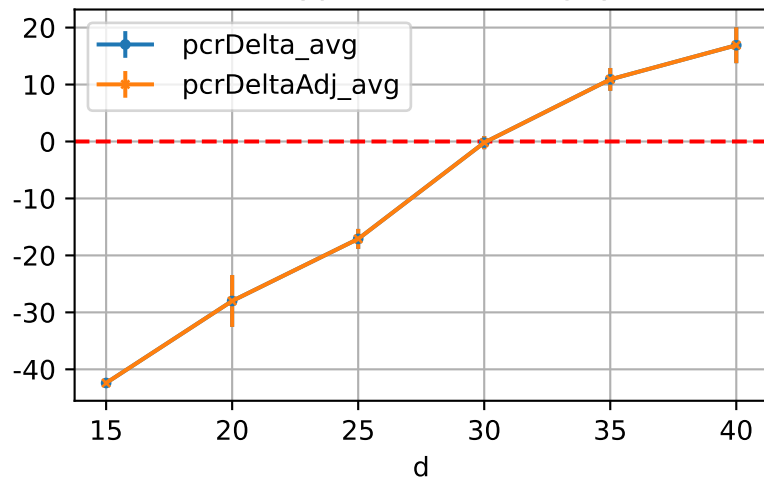
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

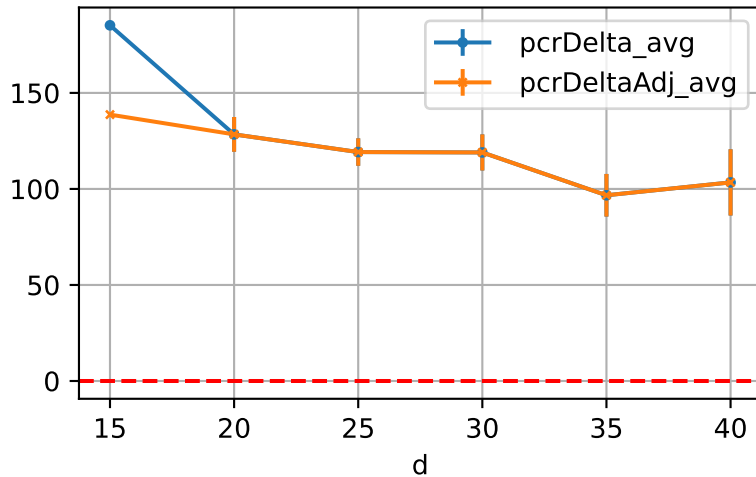


DeltaTypeAbbr=WeiAvgByD

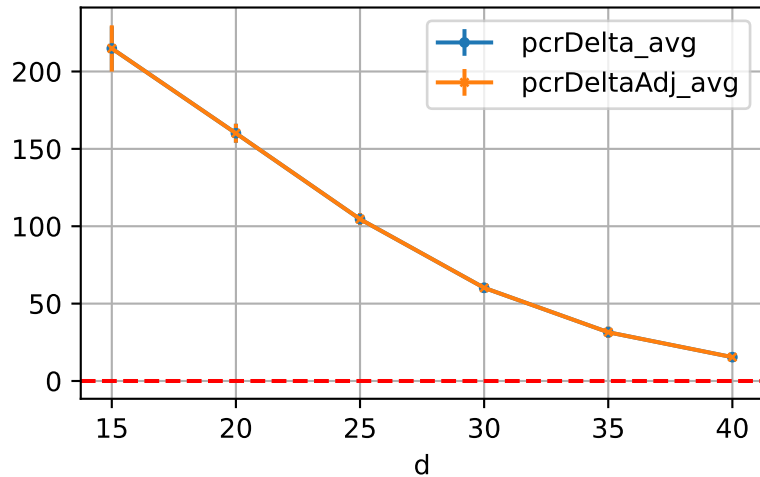


P3 NdD: D_Est_NdD

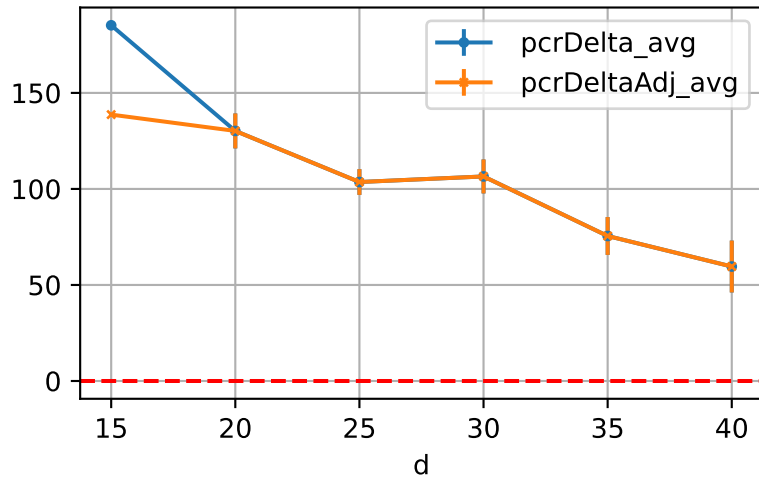
DeltaTypeAbbr=GrpByDay



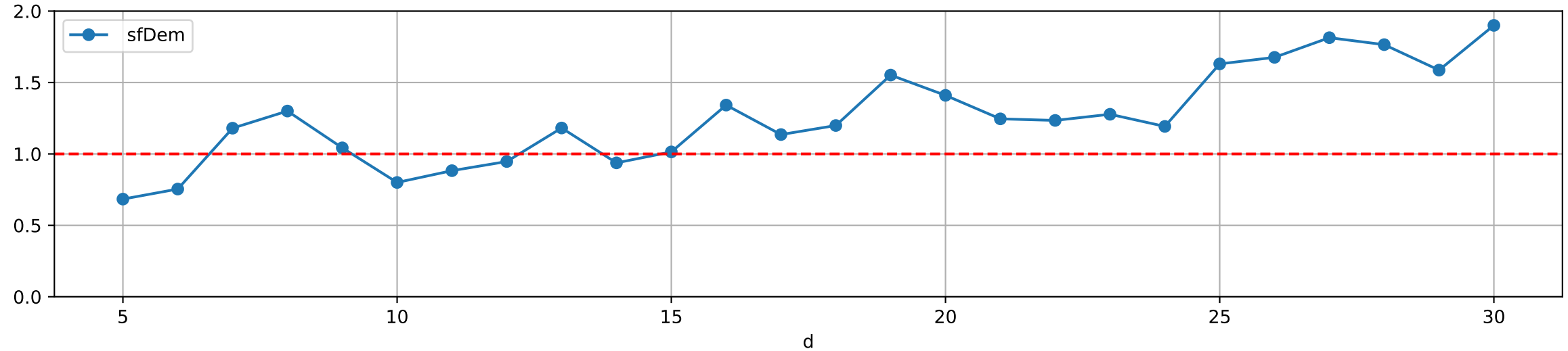
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=WeiAvgByD

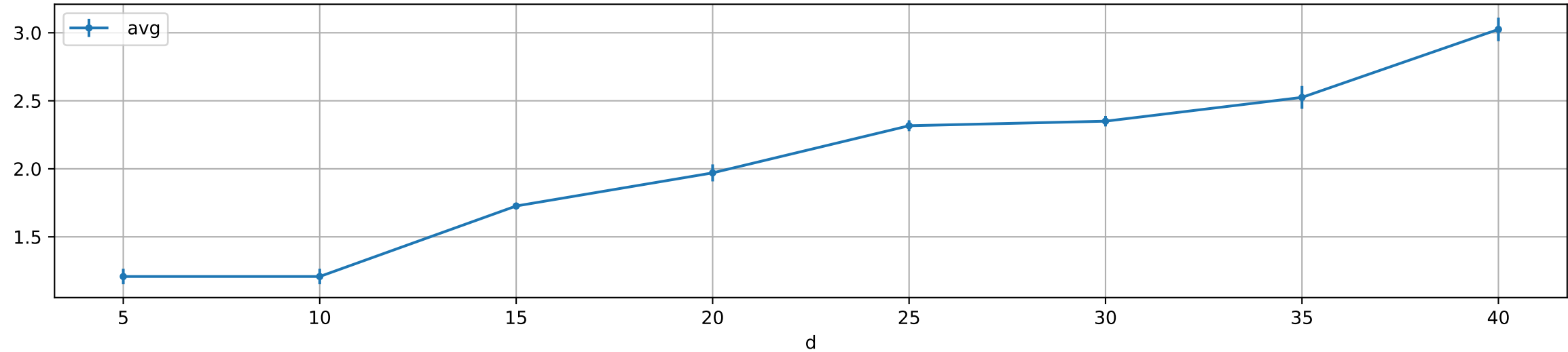


NdD: sfDem

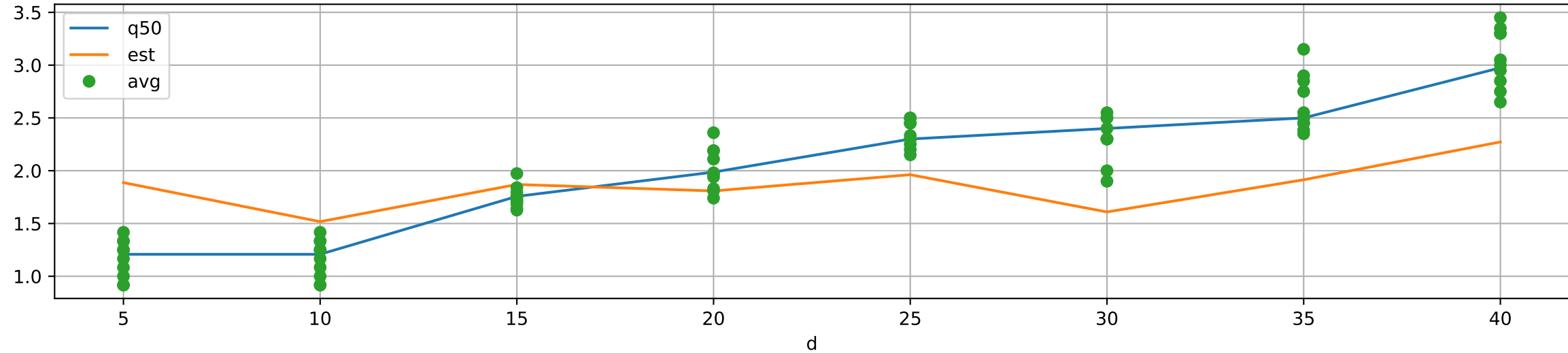




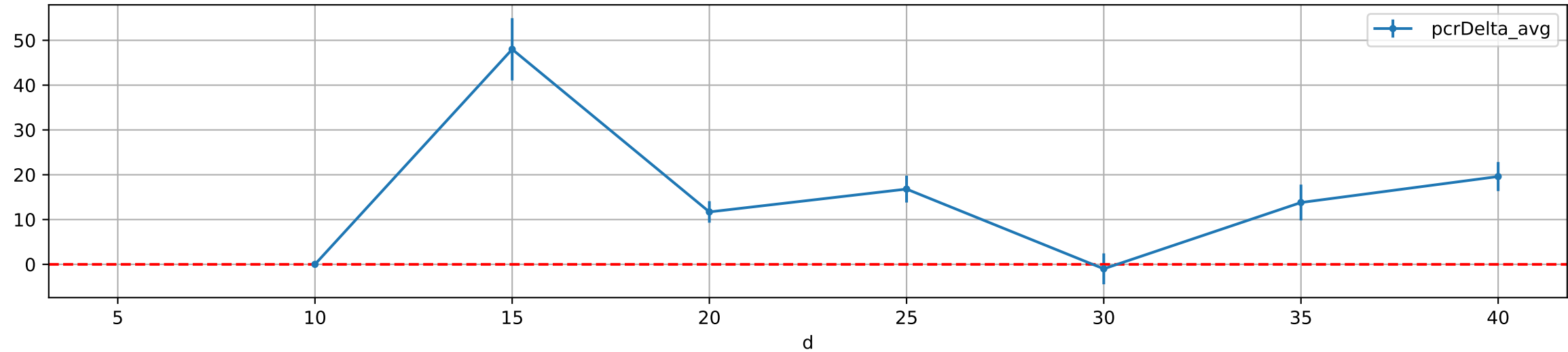
dStH: avg vs. d



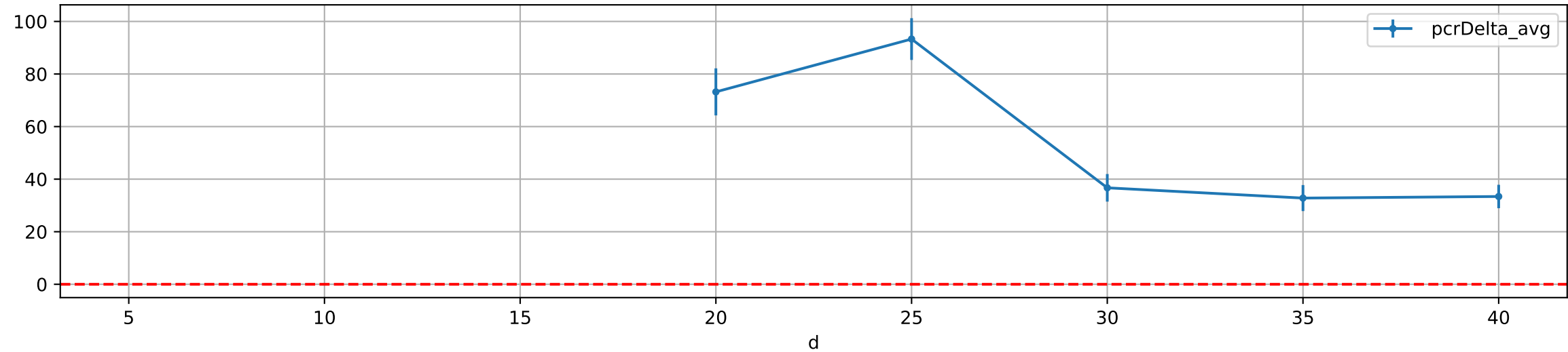
dStH: obsAvg vs obsOv@Q50



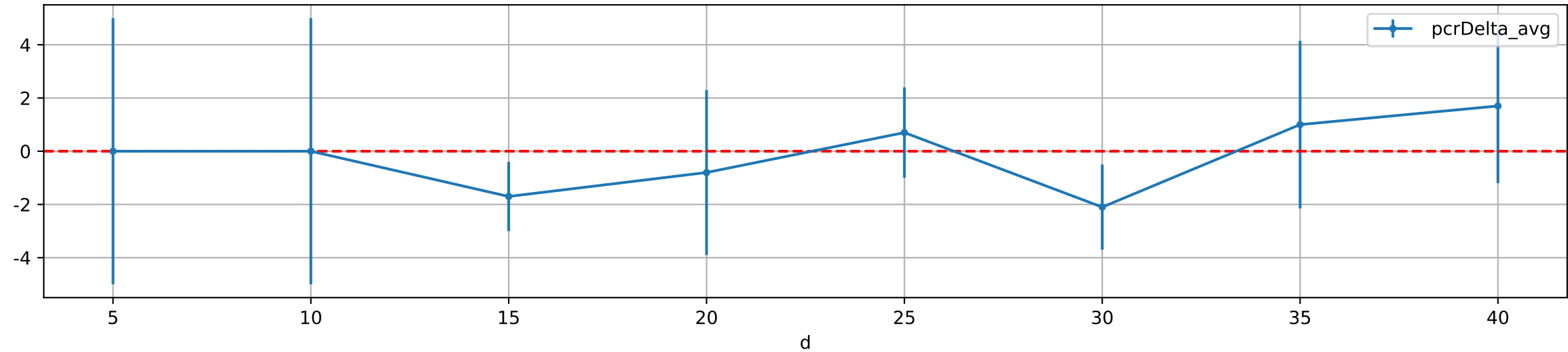
dStH: D_5d_StH



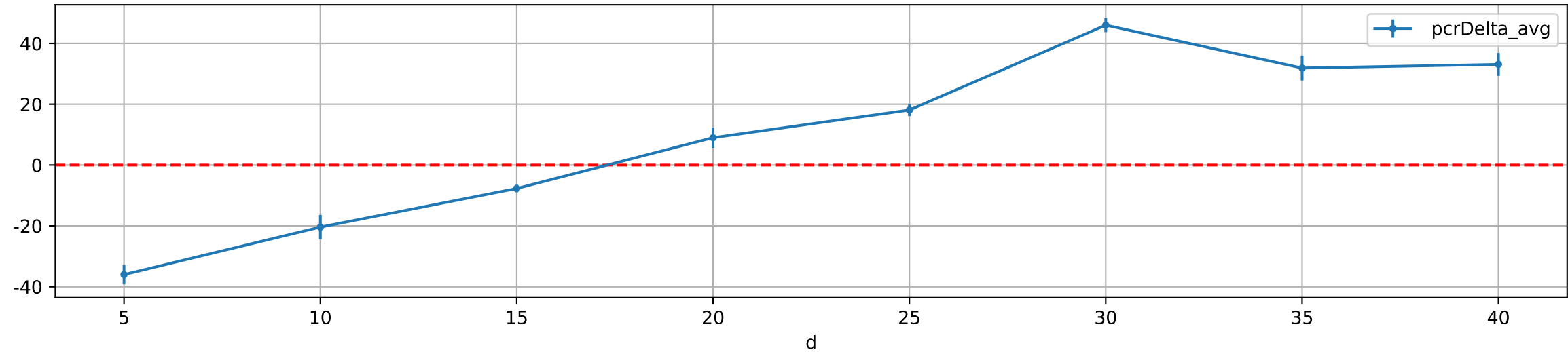
dStH: D_15d_StH



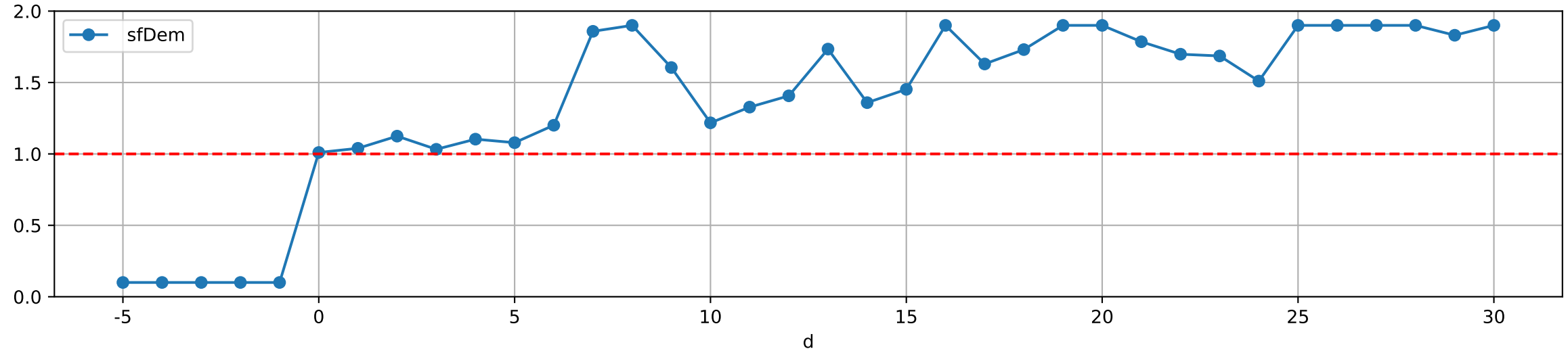
dStH: D_Q50_StH



dStH: D_Est_StH



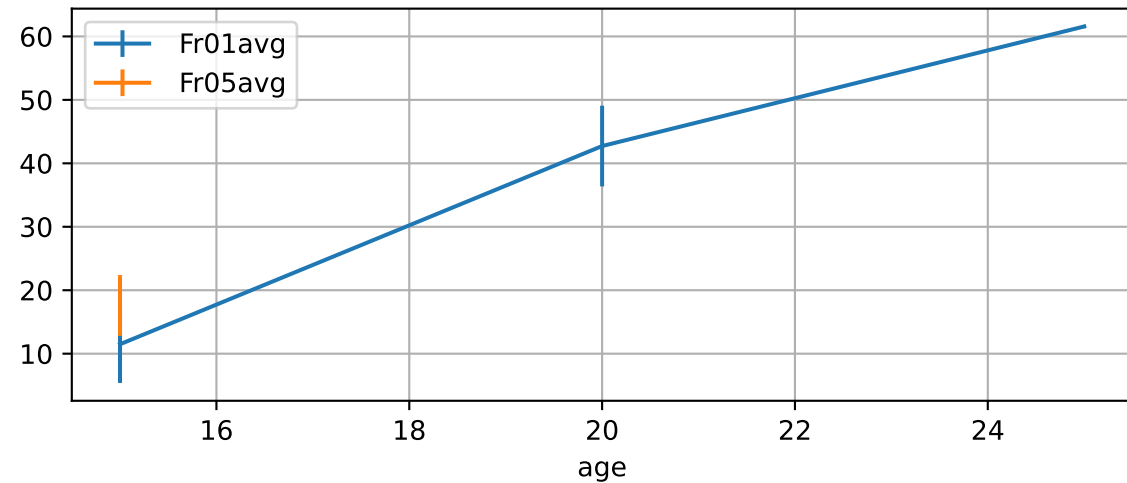
dStH: sfDem



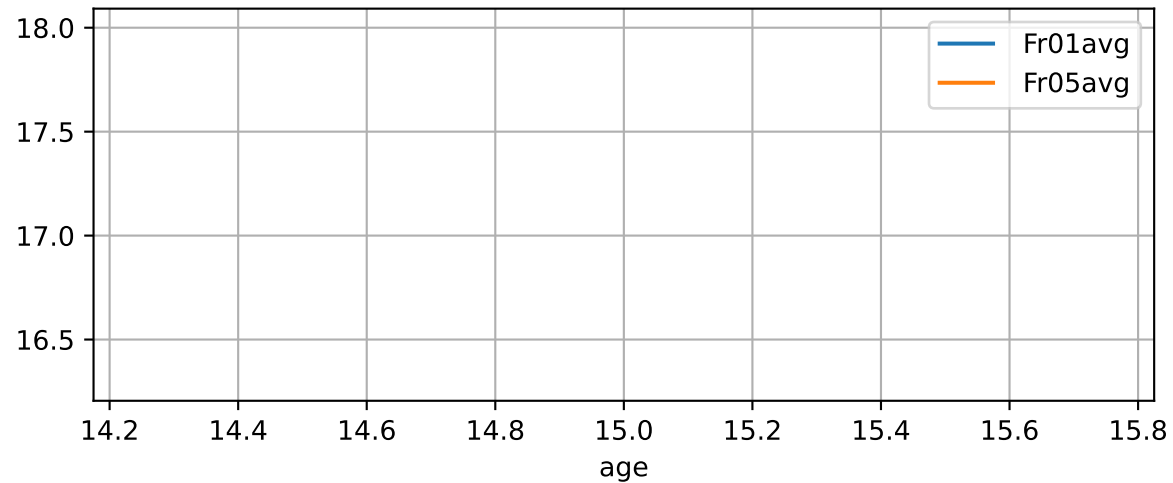


FrV: Fr01 vs Fr05 at each truss

organID=T01

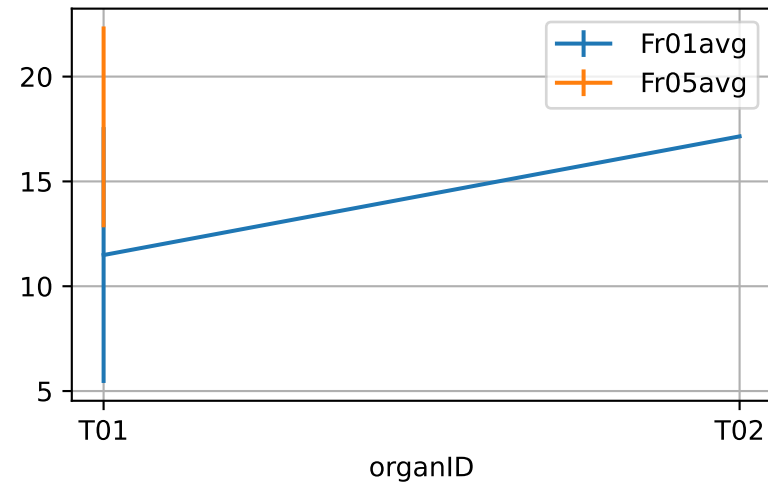


organID=T02

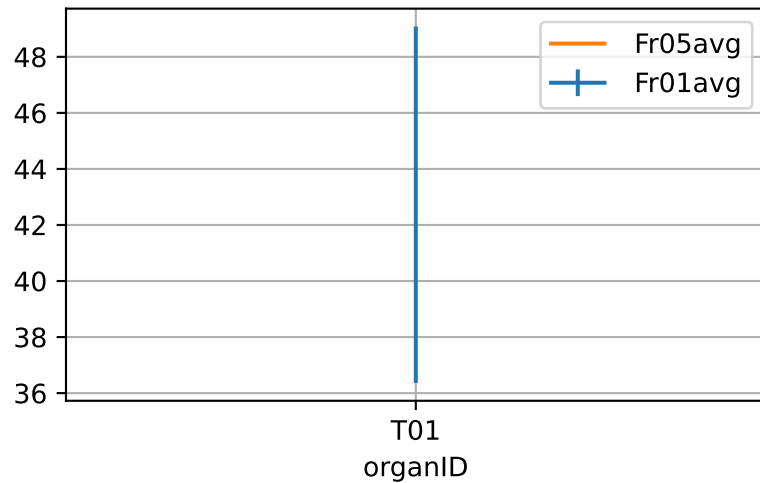


FrV trend at each age

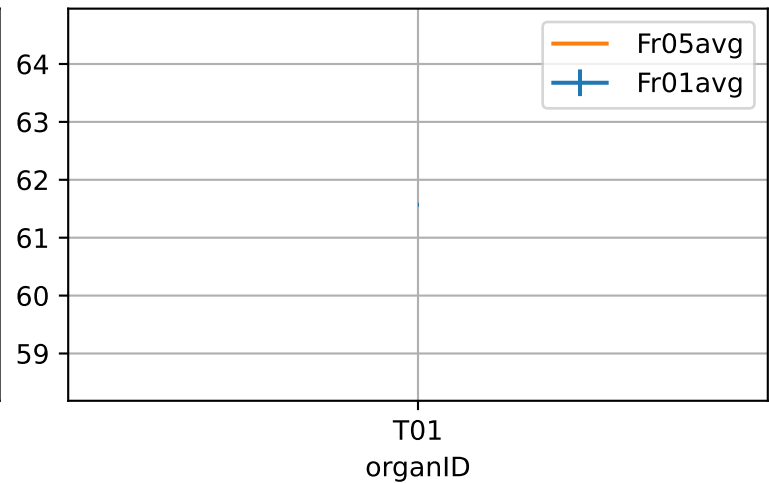
age=15



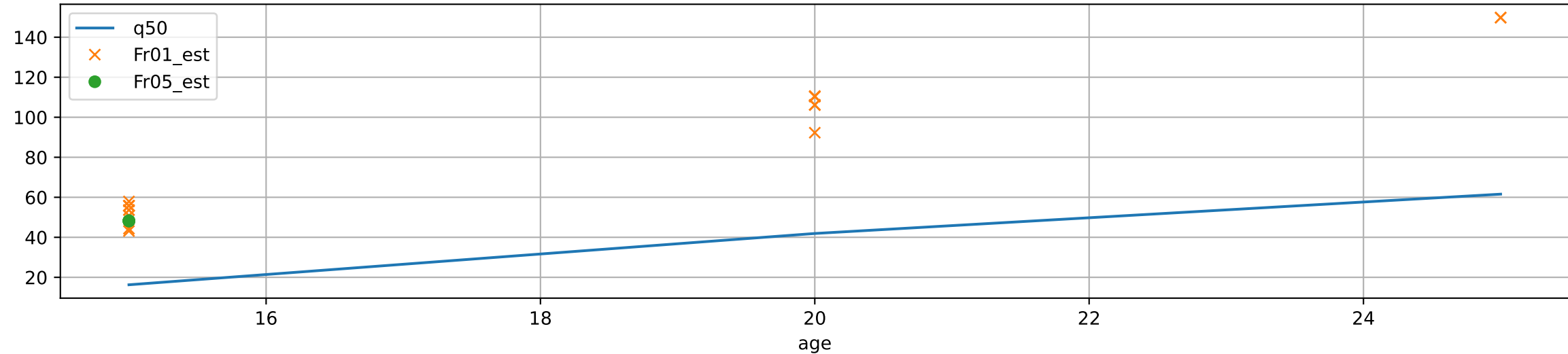
age=20



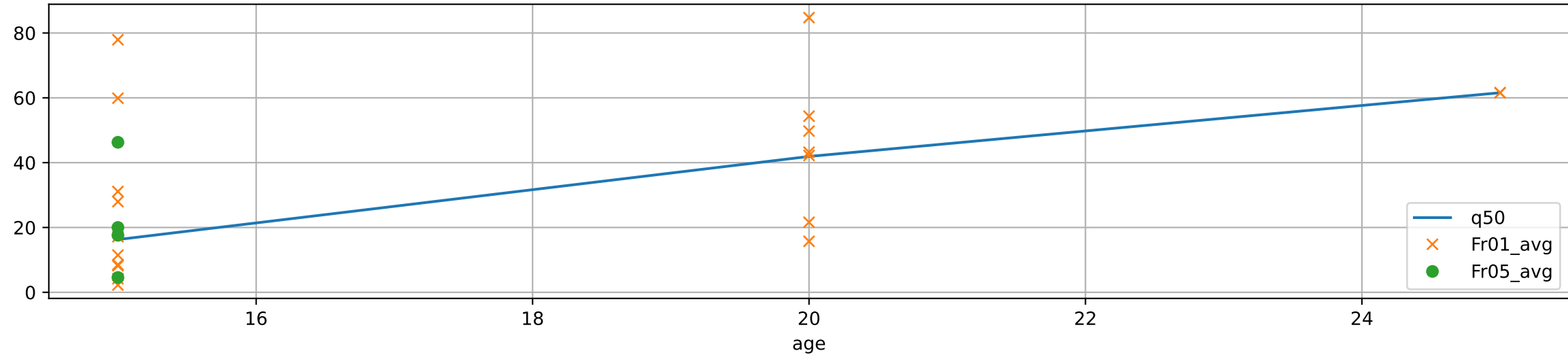
age=25



FrV: model Est vs obsFrV at Q90

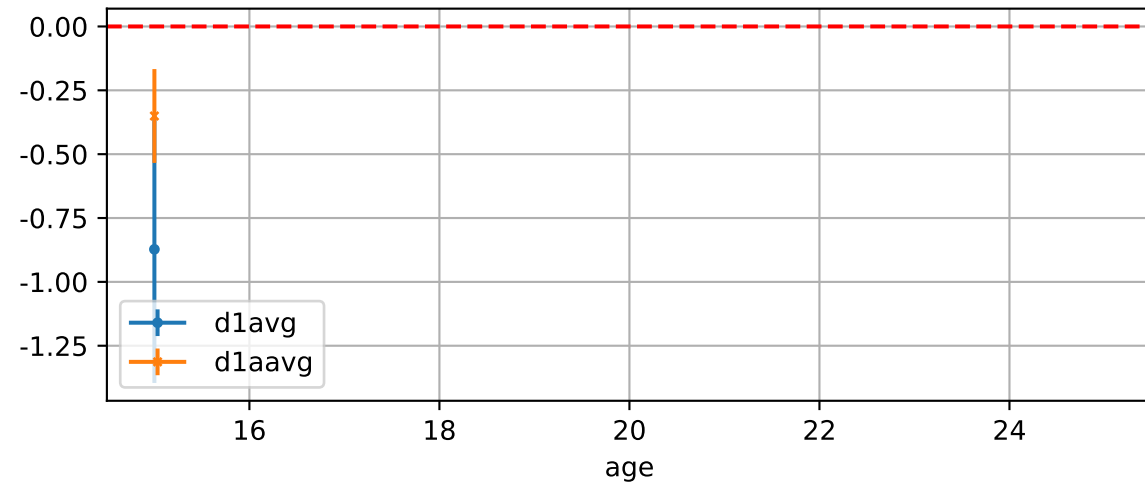


FrV: obsFrV vs obsFrV@Q90

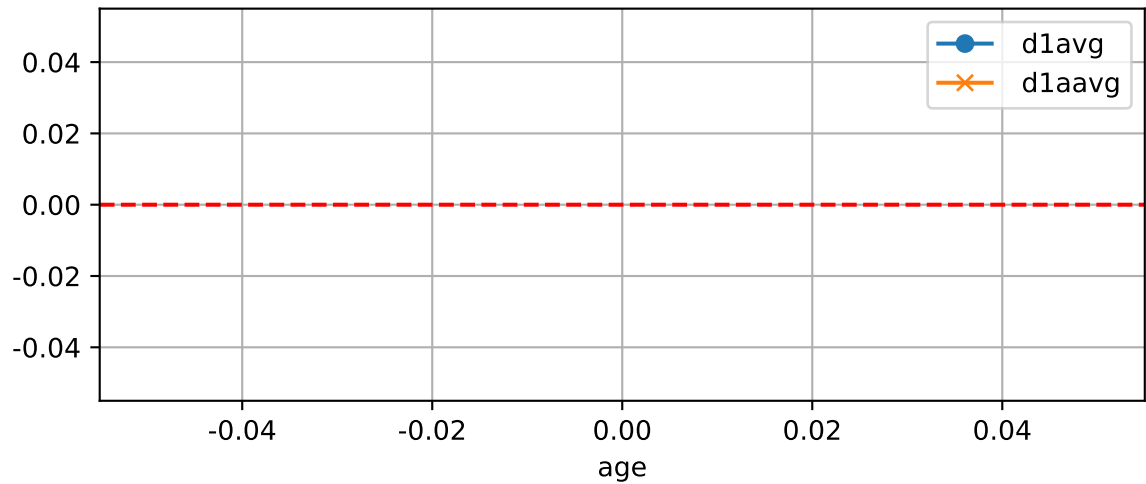


FrV: D_Fr1_FrV

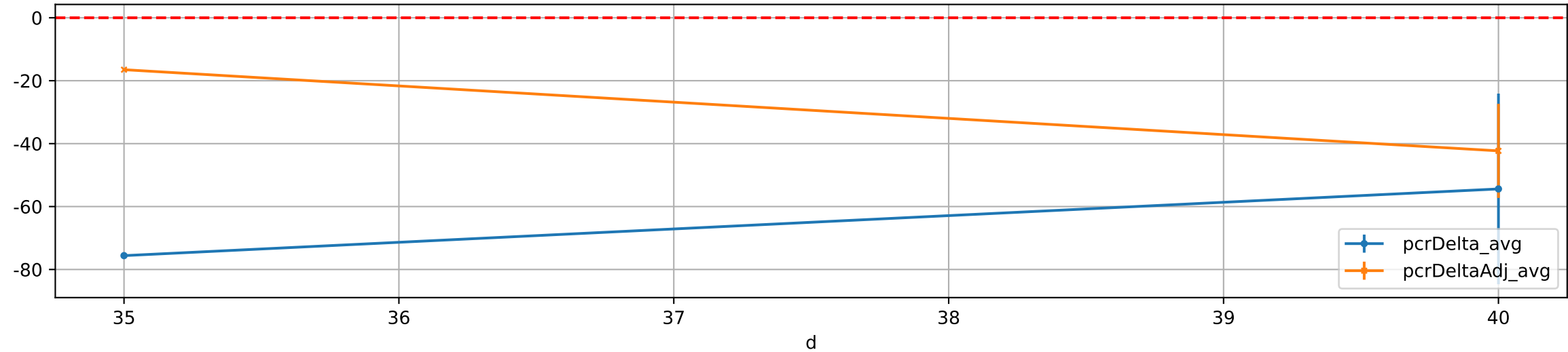
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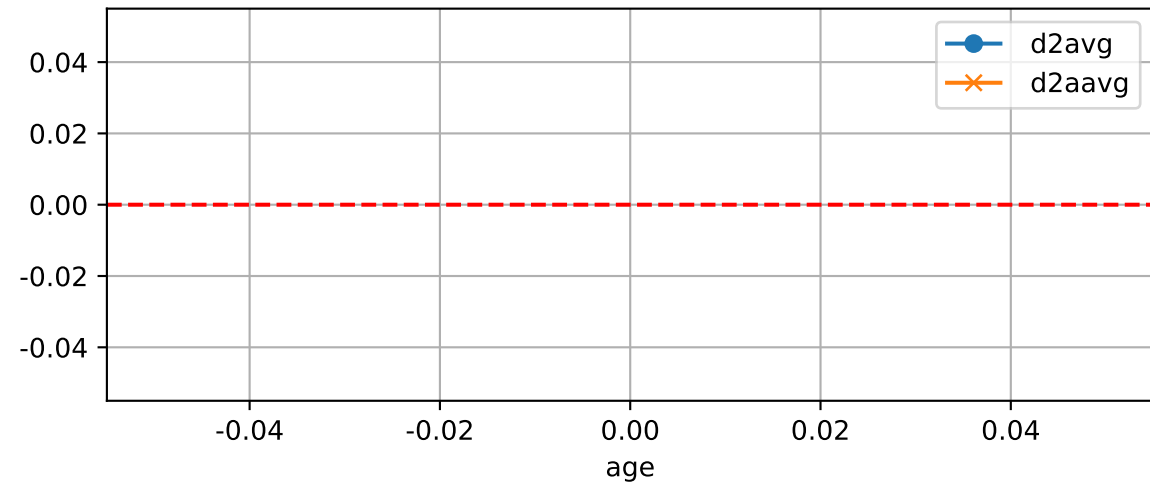


P3 FrV: D_Fr1_FrV

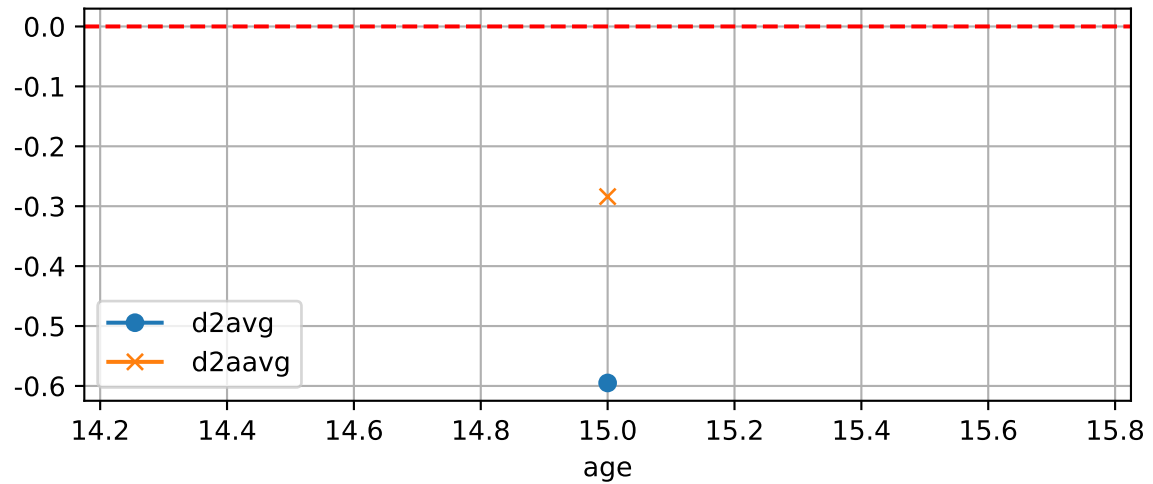


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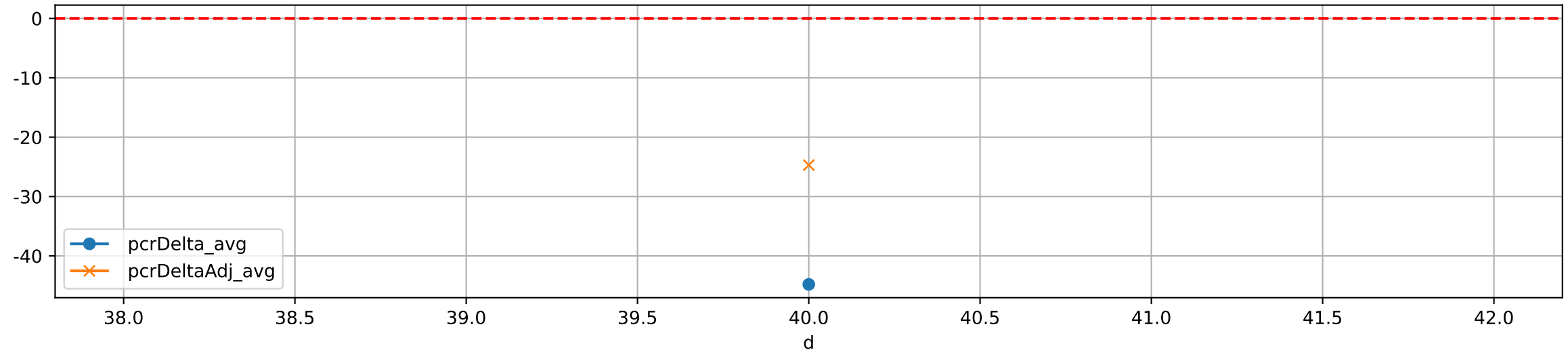
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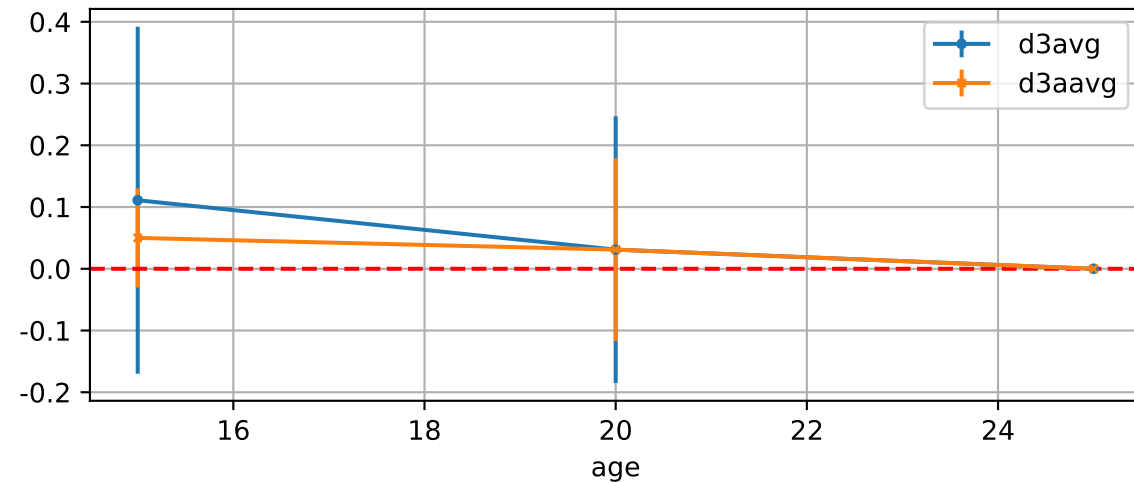


P3 FrV: D_Ts_FrV

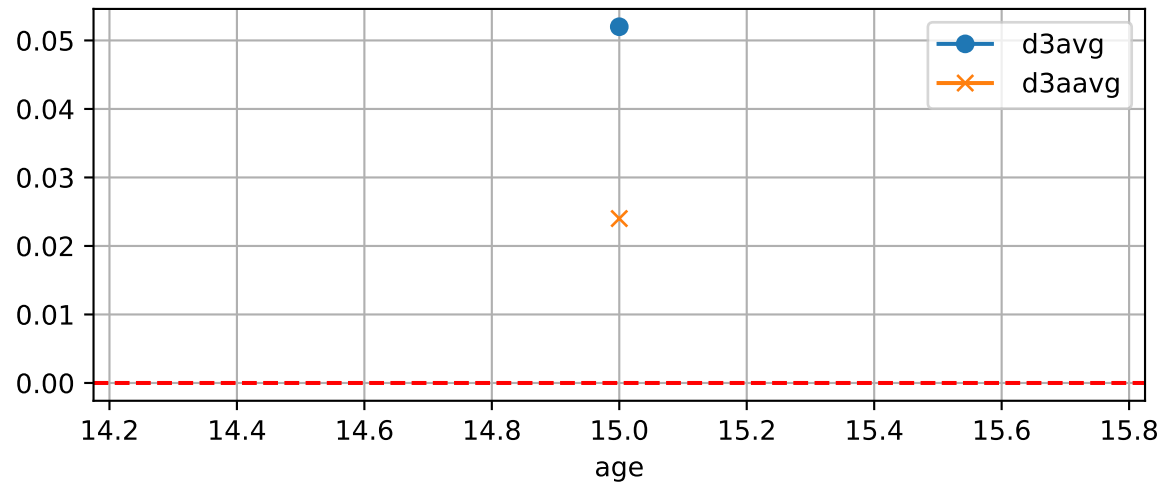


FrV: D_Q50_FrV

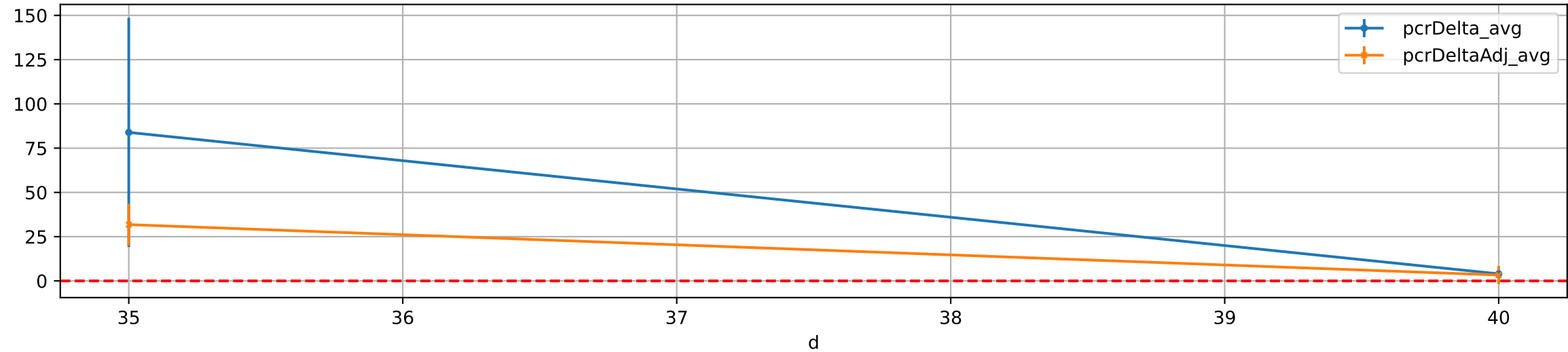
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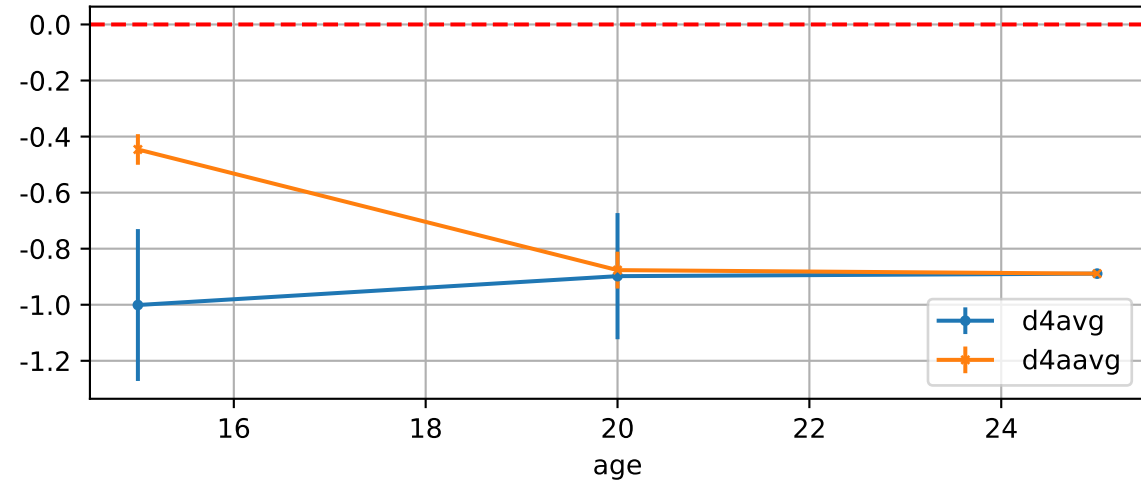


P3 FrV: D_Q50_FrV



FrV: D_Est_FrV

organID=1



organID=2

