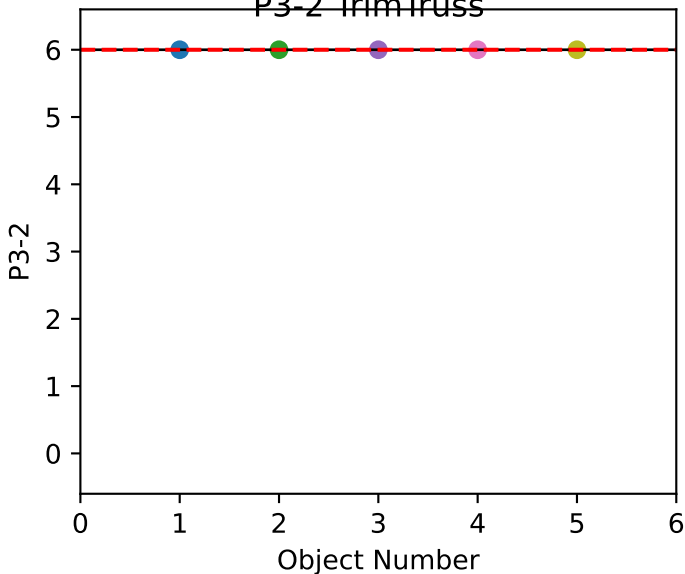


Phenotype Data Analysis Plots
PhenoData day range = 12 - 51
Analysis cutoff day = 51
NC11 P3-2
2025-05-20 (Day 52)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

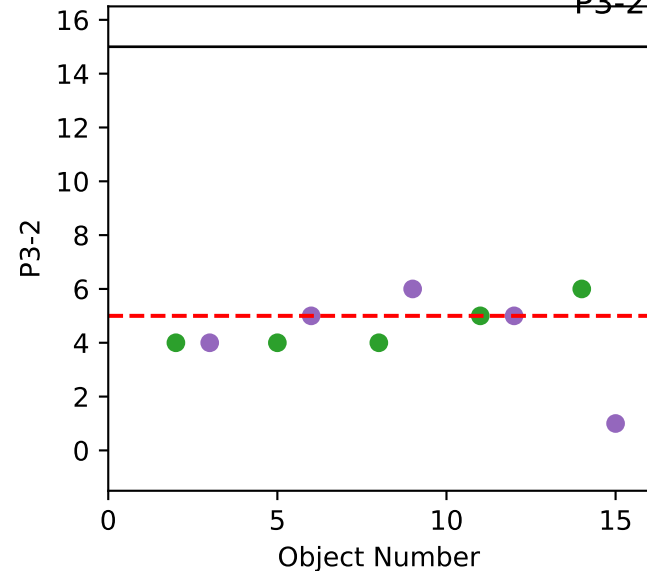
p3-2 TrimTruss



FruitNumAvgPerTruss (Def=15 Set=5)

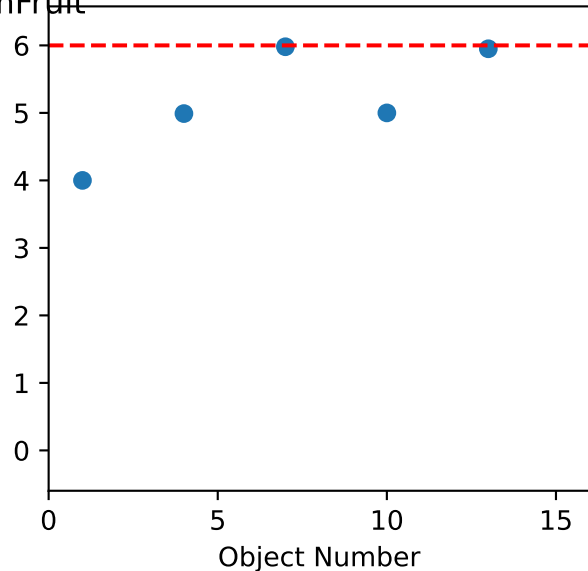
avg1=5.0~17% avg2=na

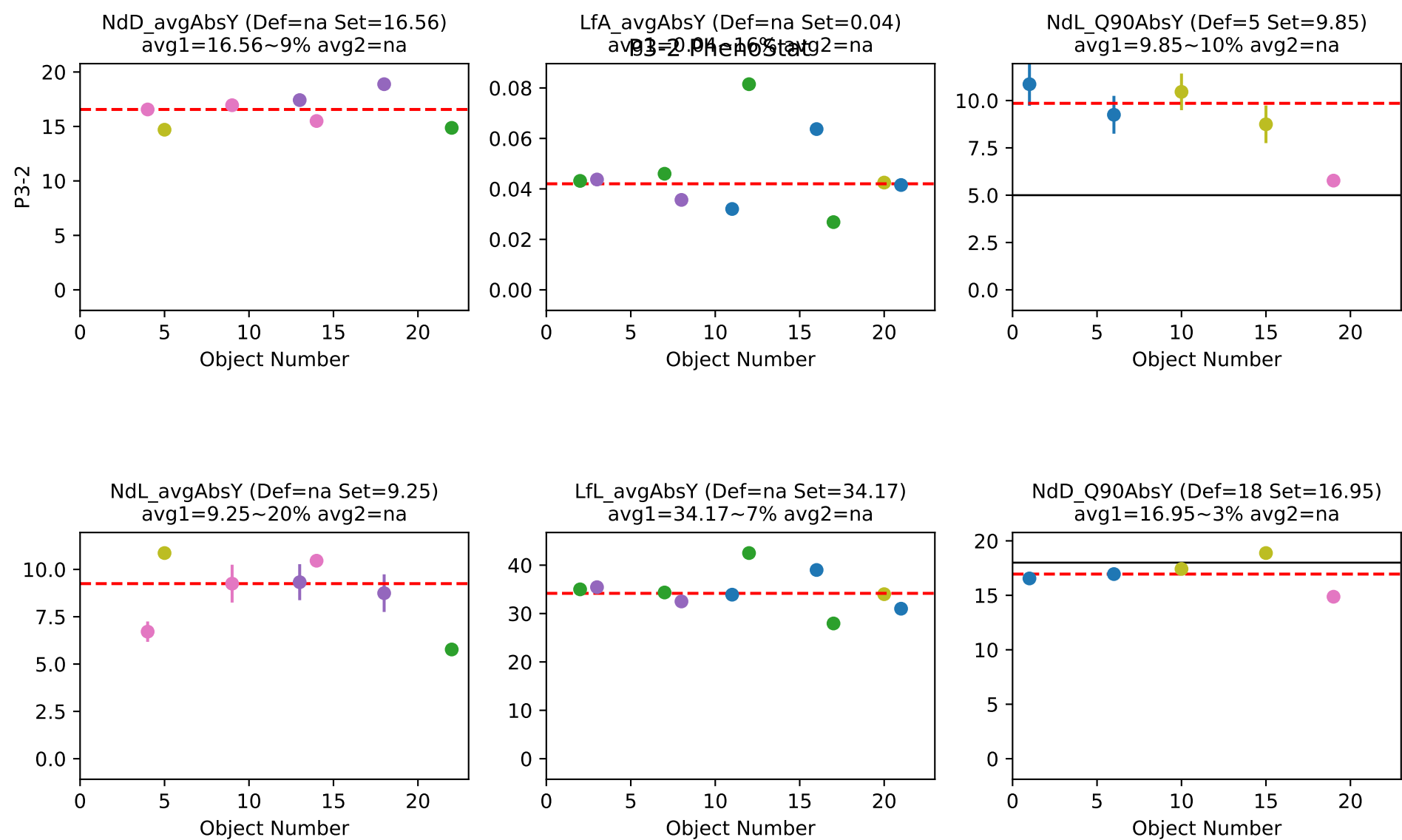
P3-2 TrimFruit



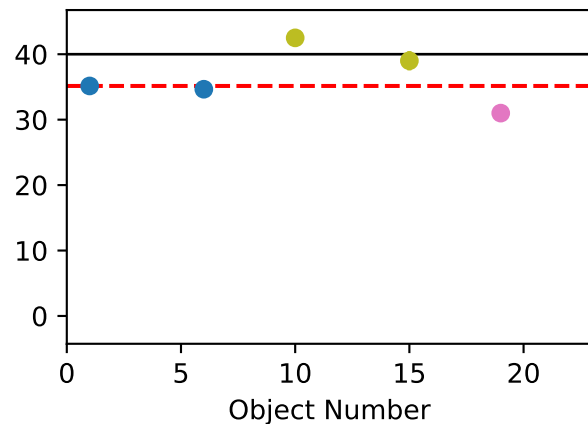
FruitNumMaxPerTruss (Def=na Set=6)

avg1=6.0~14% avg2=na

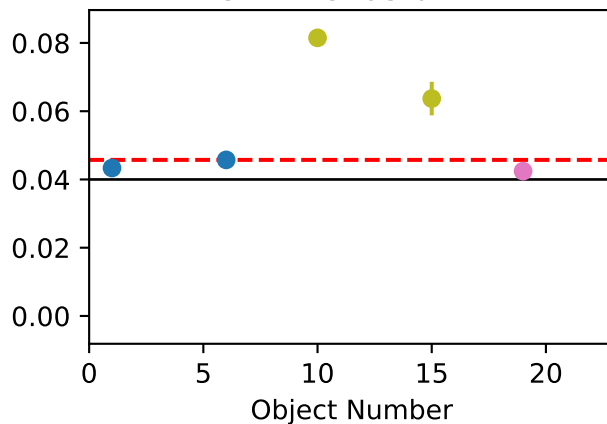




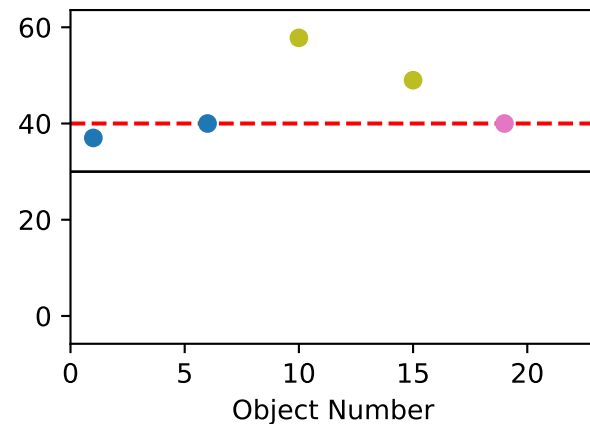
LfL_Q90AbsY (Def=40 Set=35.15)
avg1=35.15~13% avg2=na



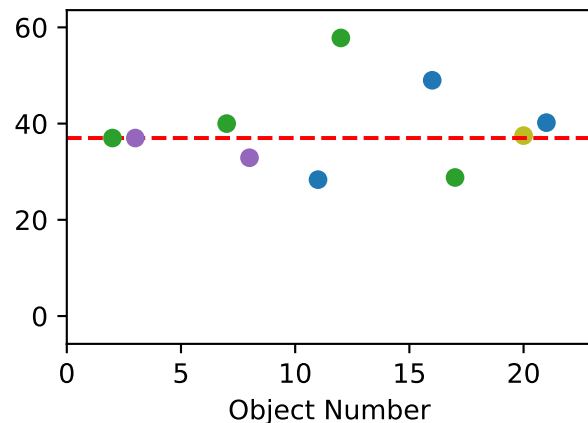
LfA_Q90AbsY (Def=0.04 Set=0.05)
avg1=0.05~17% avg2=na



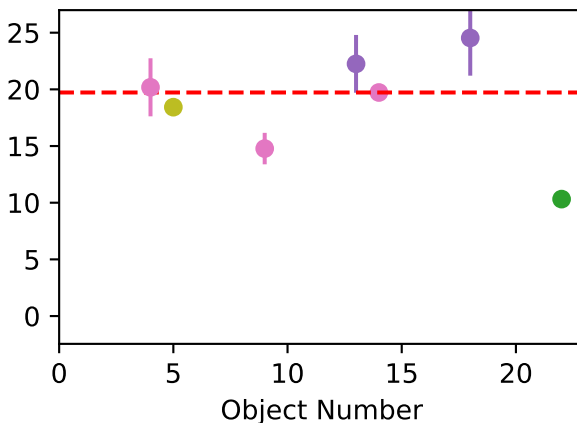
LfW_Q90AbsY (Def=30 Set=40.0)
avg1=40.0~21% avg2=na



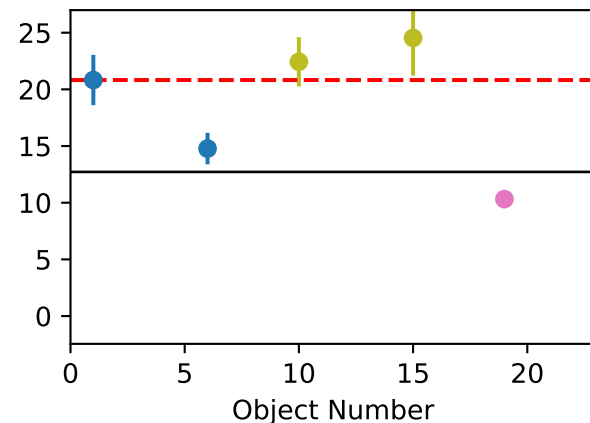
LfW_avgAbsY (Def=na Set=37.0)
avg1=37.0~17% avg2=na



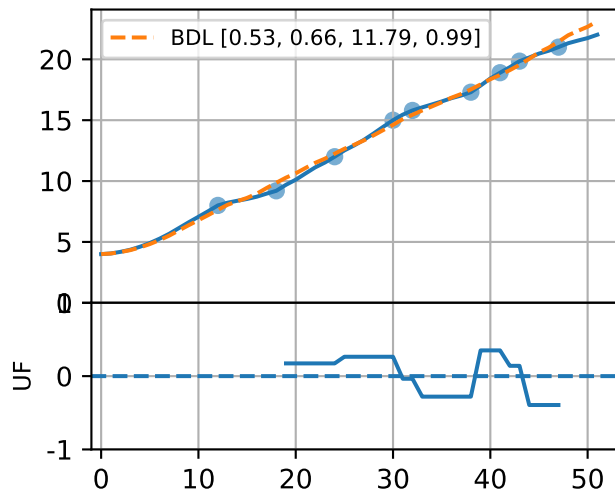
NdV_avgAbsY (Def=na Set=19.72)
avg1=19.72~24% avg2=na



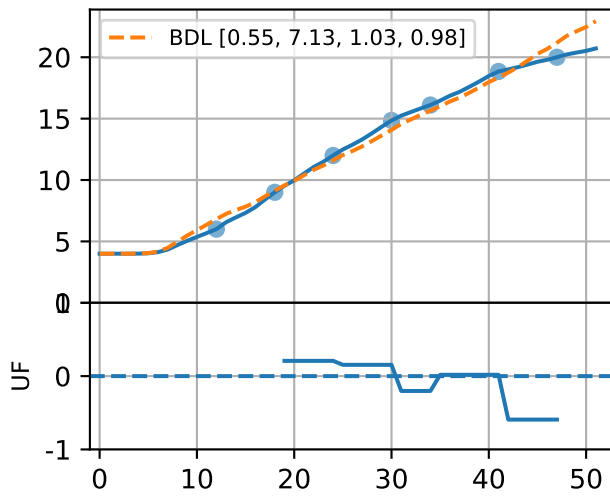
NdV_Q90AbsY (Def=12.72 Set=20.82)
avg1=20.82~28% avg2=na



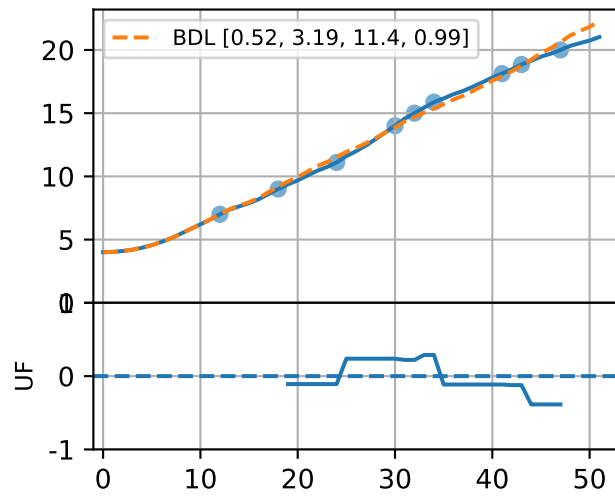
P3-2-16-21 (fit failed)



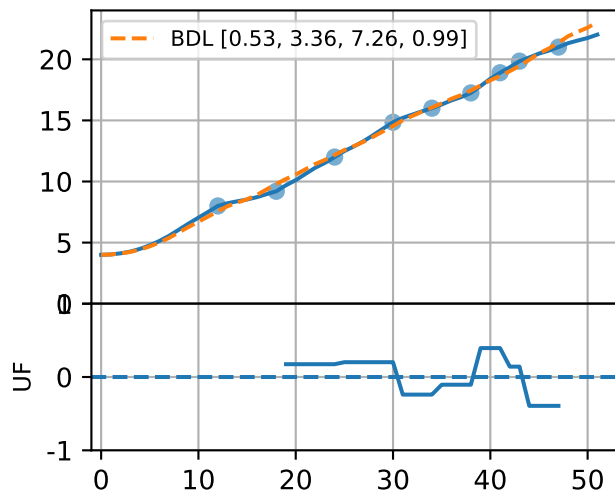
P3-2-24-18 (fit failed)



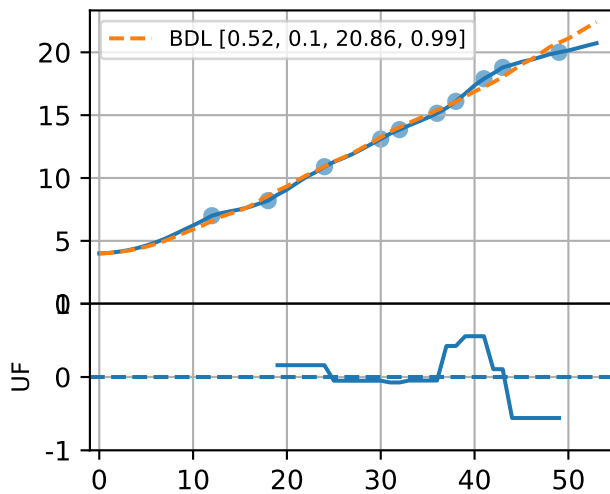
P3-2-40-6 (fit failed)



P3-2-55-28 (fit failed)



P3-2-9-8 (fit failed)

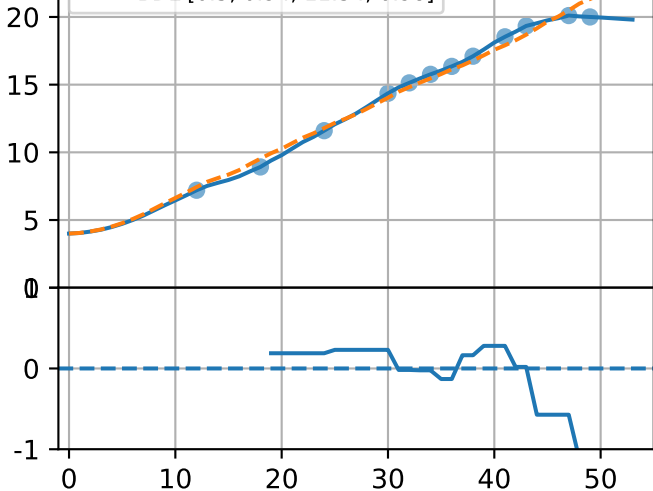


P3-2avg (fit failed)

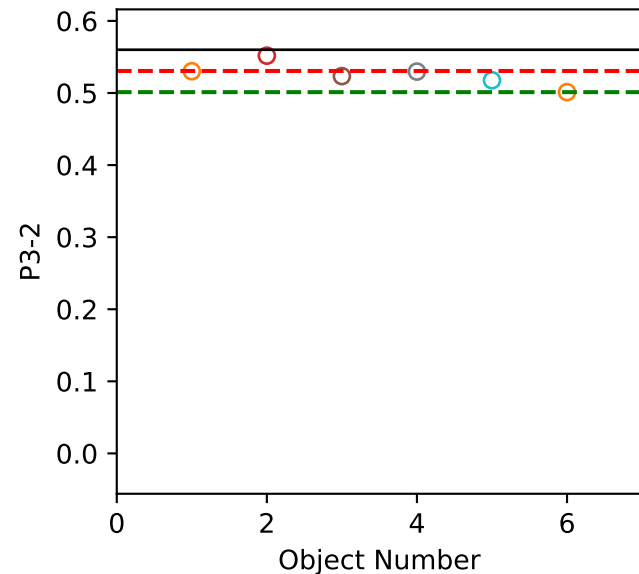
NaN

BDL [0.5, 0.94, 11.34, 0.98]

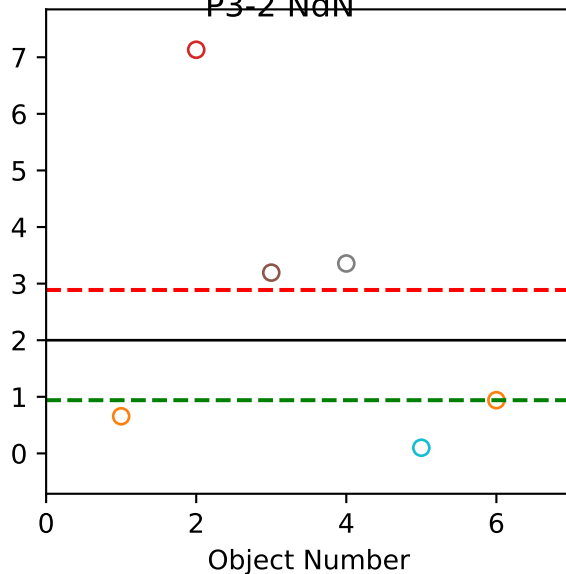
UF



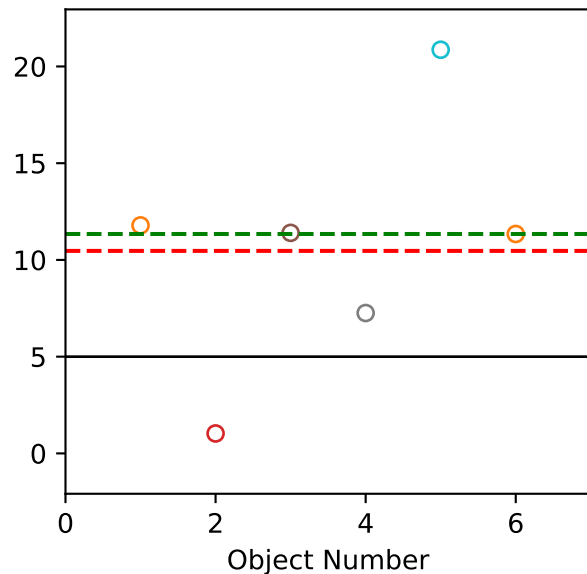
a (Def=0.56 Set=0.5)
avg1=0.53(fail) avg2=0.5



dm (Def=2 Set=0.94)
avg1=2.89(fail) avg2=0.94

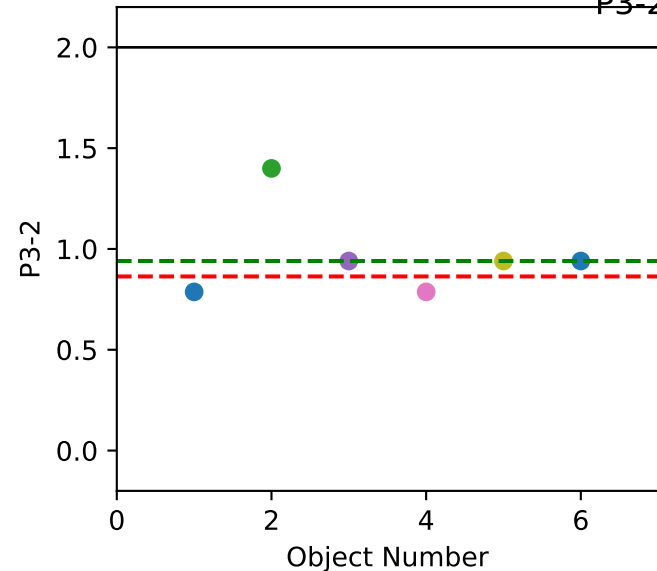


de (Def=5 Set=11.34)
avg1=10.47(fail) avg2=11.34



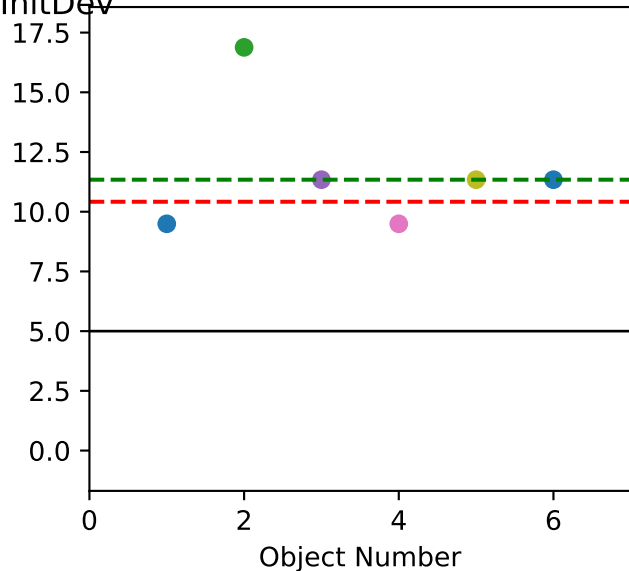
InitDev_dm (Def=2 Set=0.94)
avg1=0.86~10% avg2=0.94

P3-2

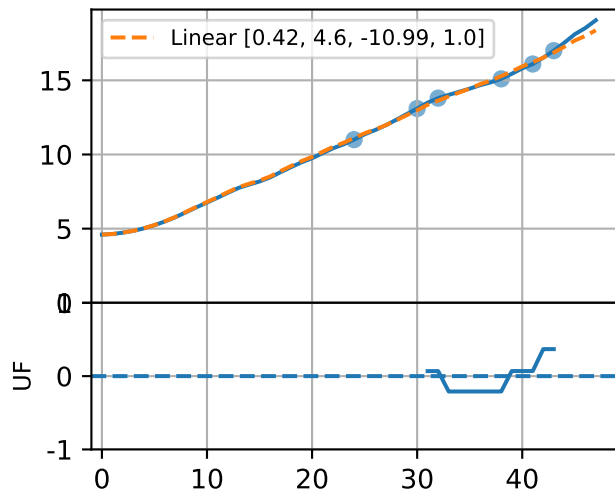


InitDev_de (Def=5 Set=11.34)
avg1=10.42~10% avg2=11.34

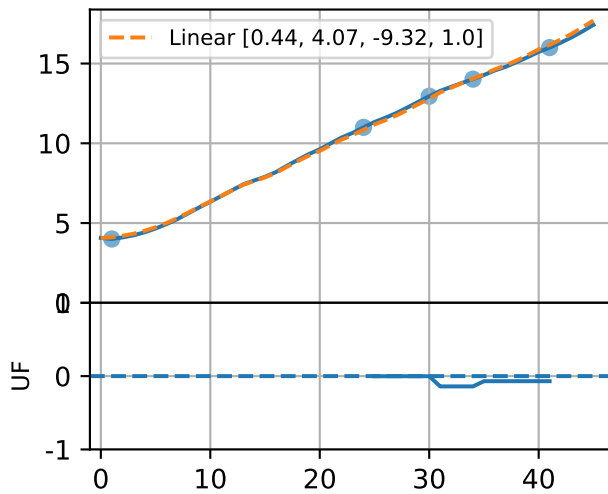
InitDev



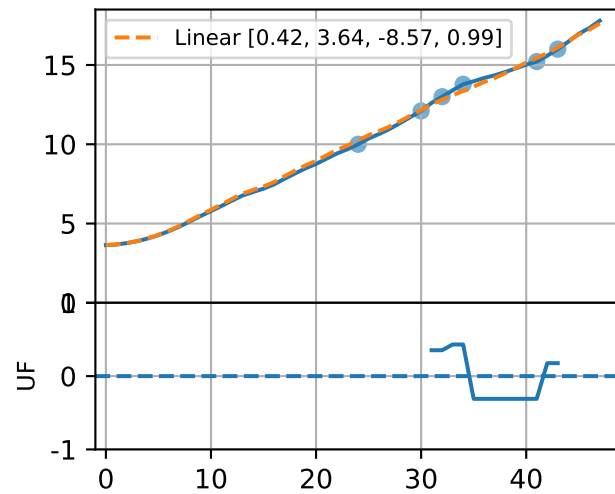
P3-2-16-21



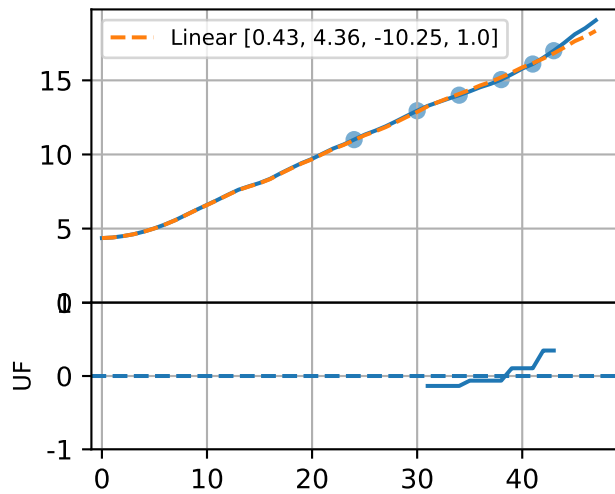
P3-2-24-18



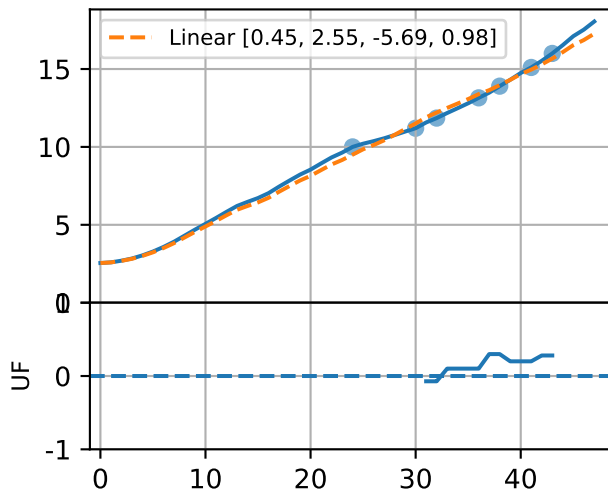
P3-2-40-6



P3-2-55-28

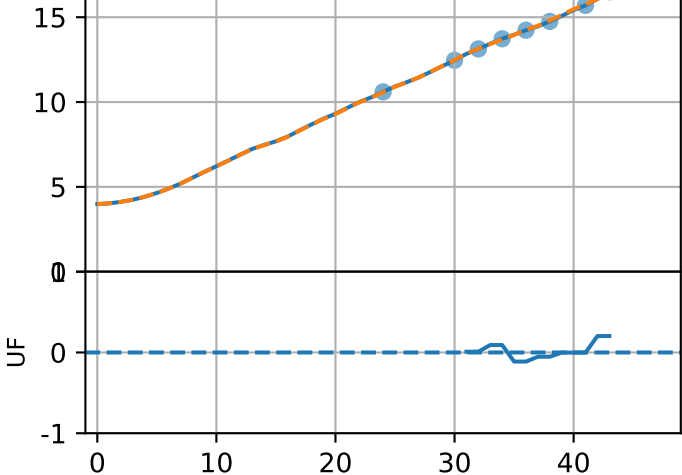


P3-2-9-8

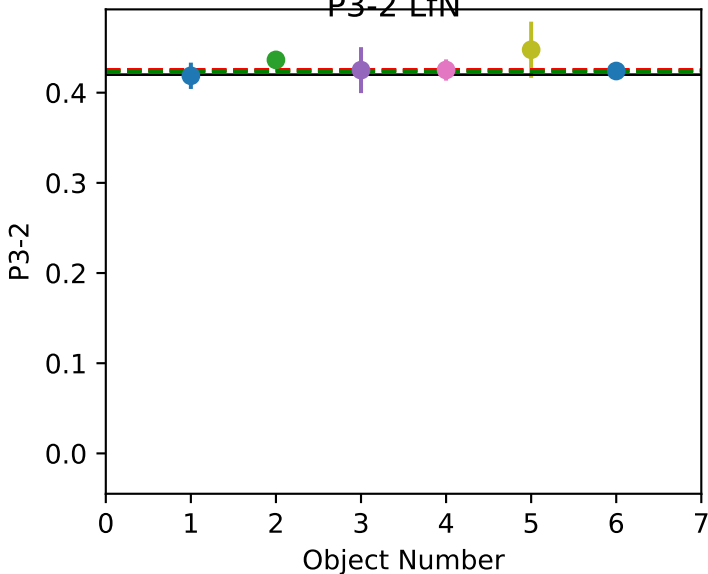


P3-2avg Lfn

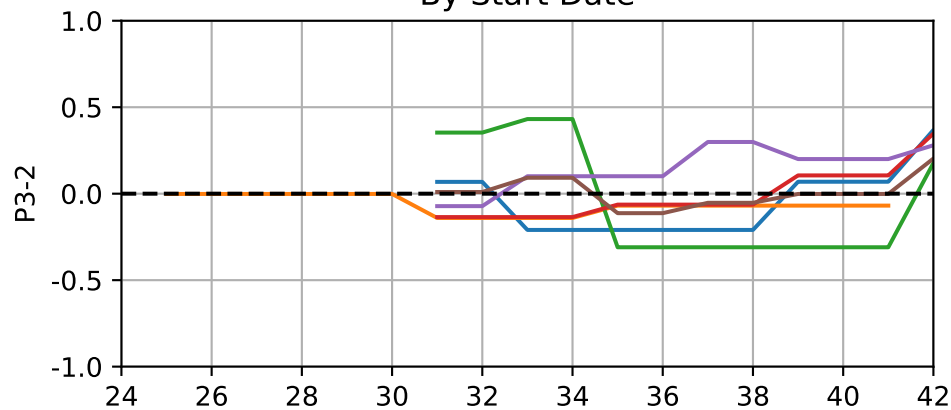
Linear [0.42, 3.99, -9.4, 1.0]



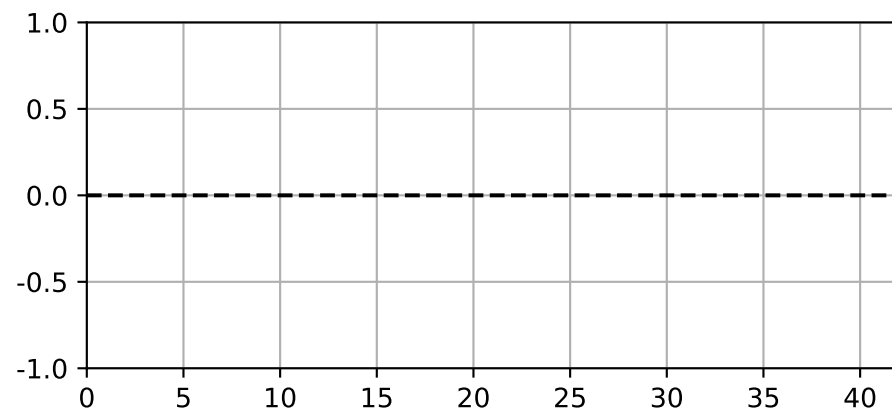
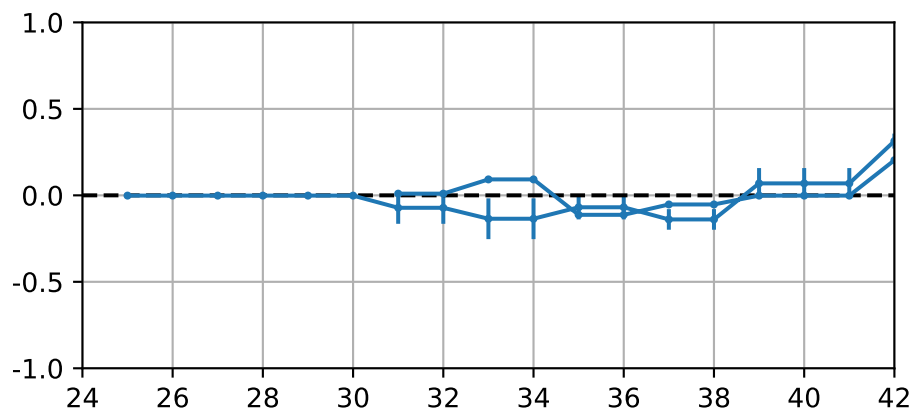
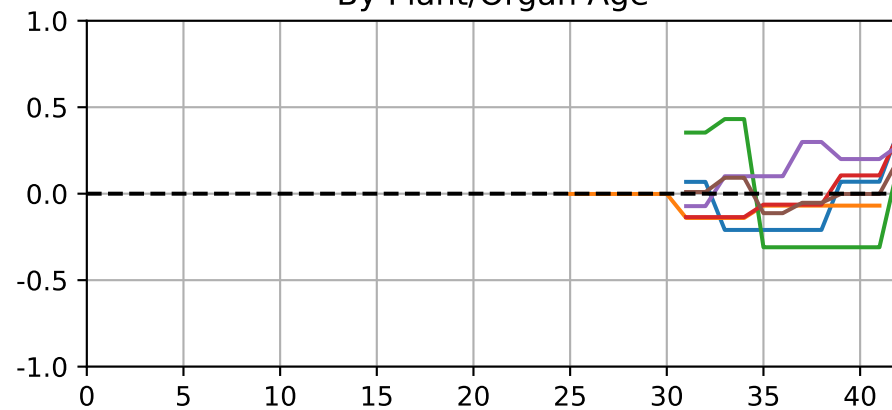
a (Def=0.42 Set=0.42)
avg1=0.43~3% avg2=0.42~2%
P3-2 LfN



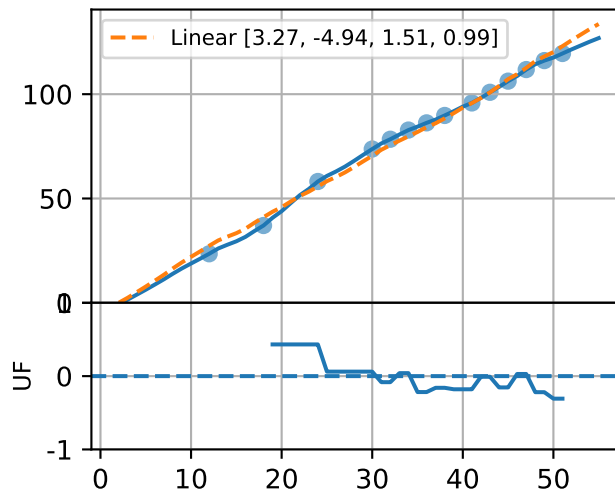
By Start Date



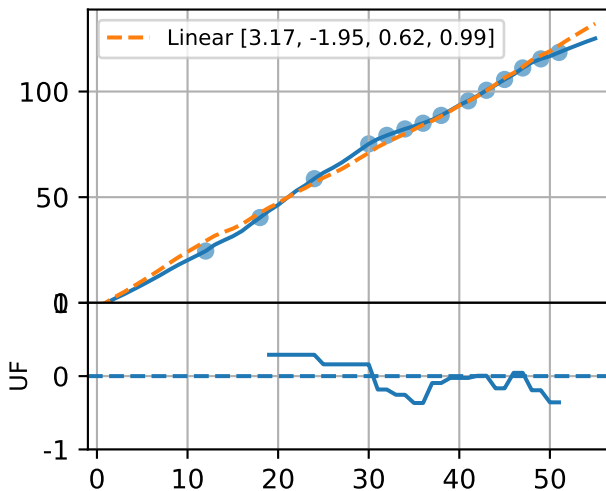
By Plant/Organ Age



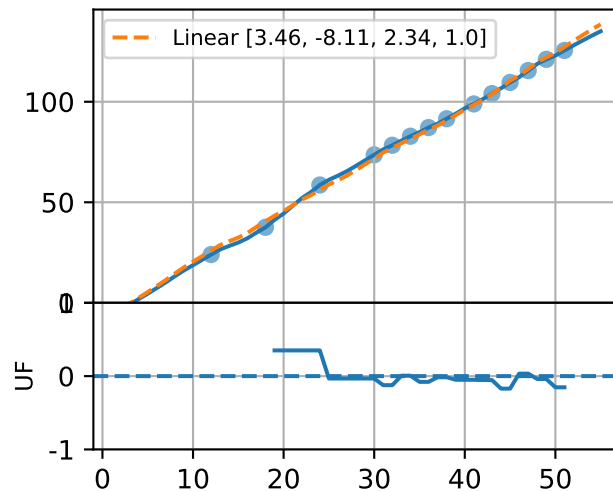
P3-2-16-21



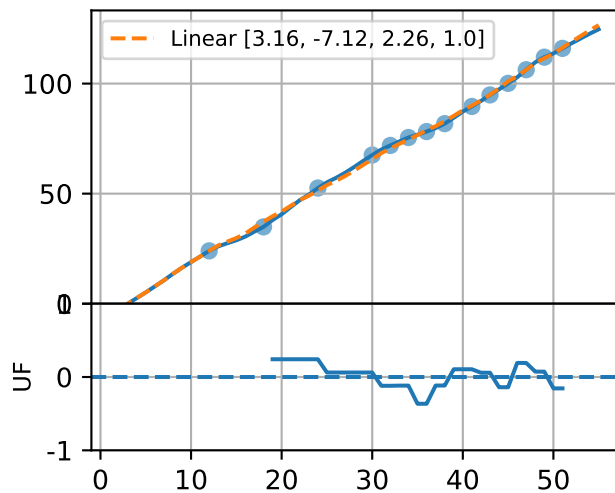
P3-2-24-18



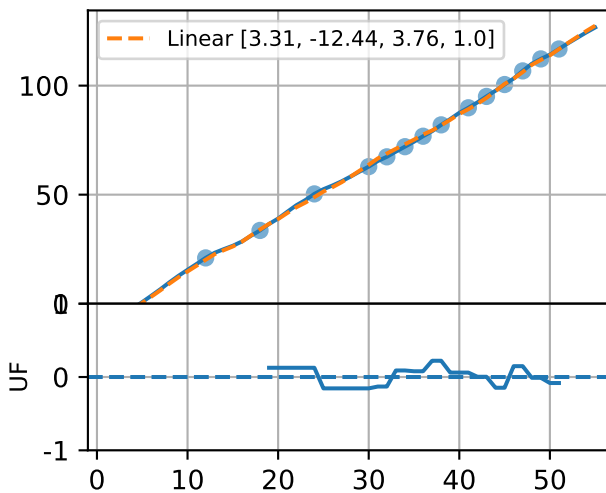
P3-2-40-6



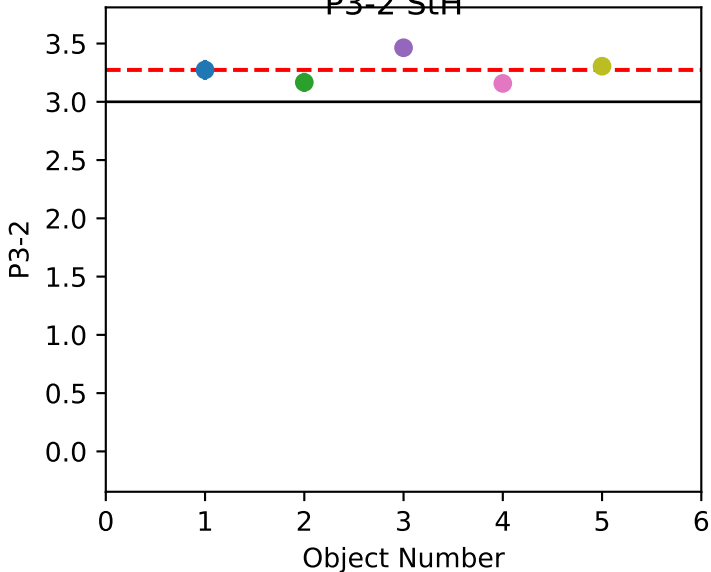
P3-2-55-28



P3-2-9-8

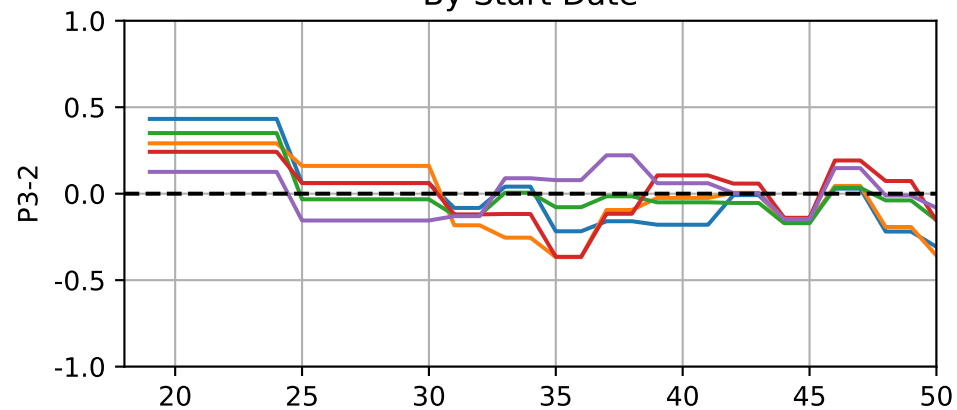


a (Def=3 Set=3.27)
avg1=3.27~4% avg2=na
P3-2 StH

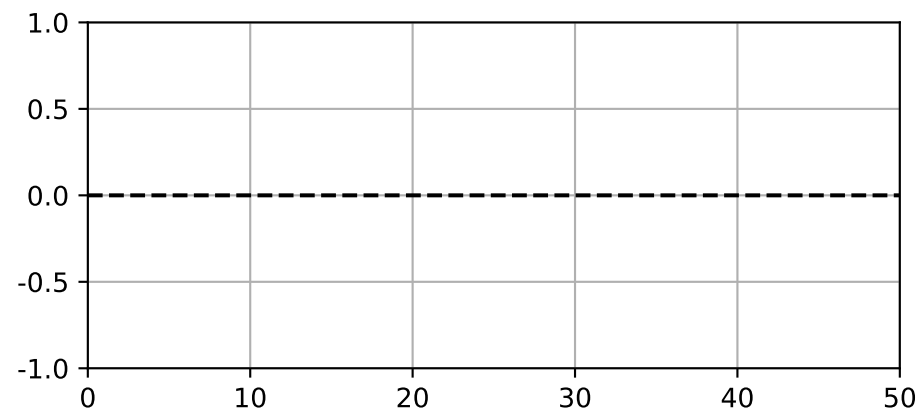
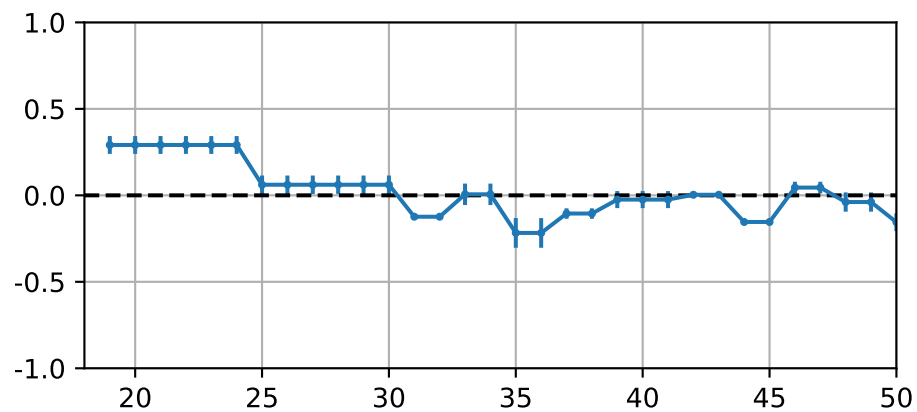
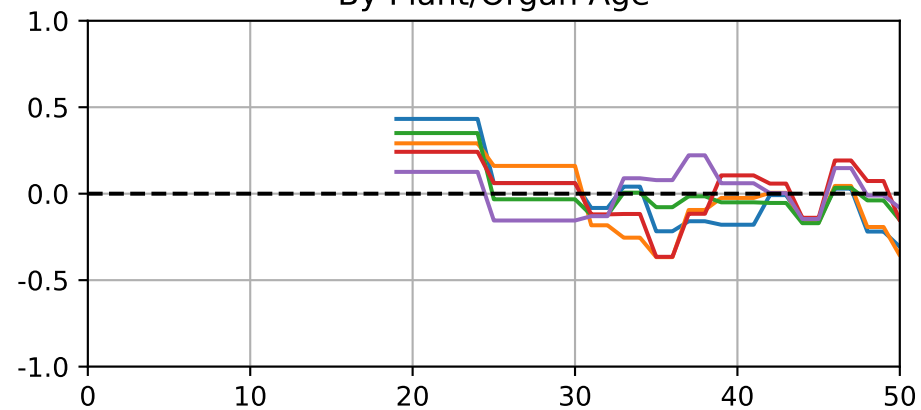


StH

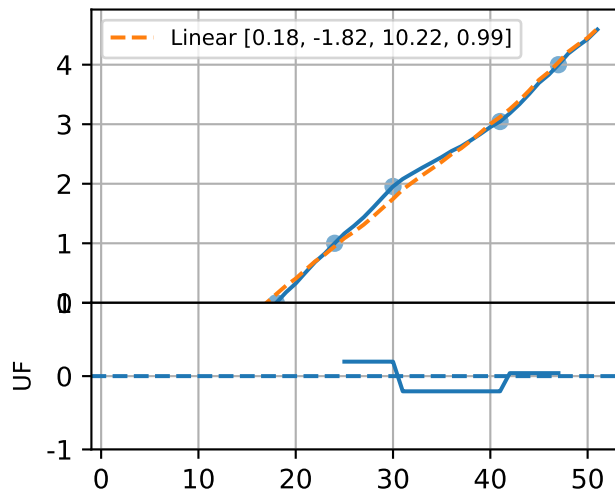
By Start Date



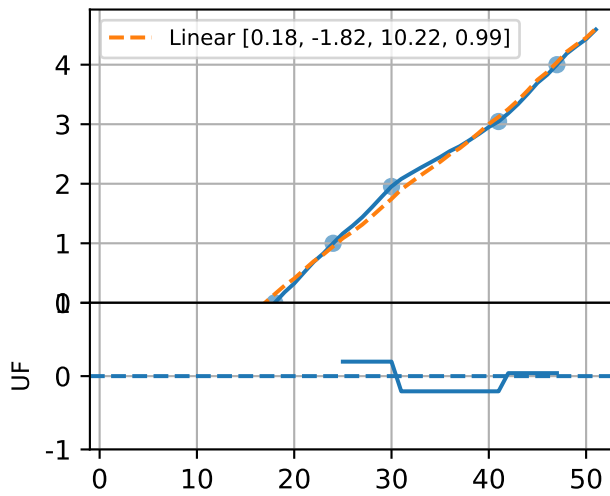
By Plant/Organ Age



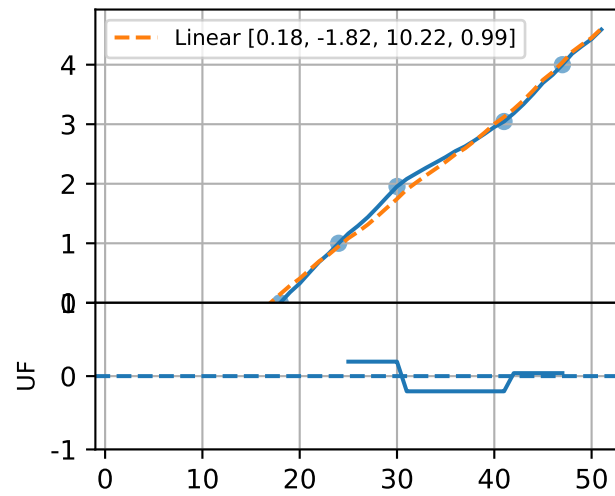
P3-2-16-21



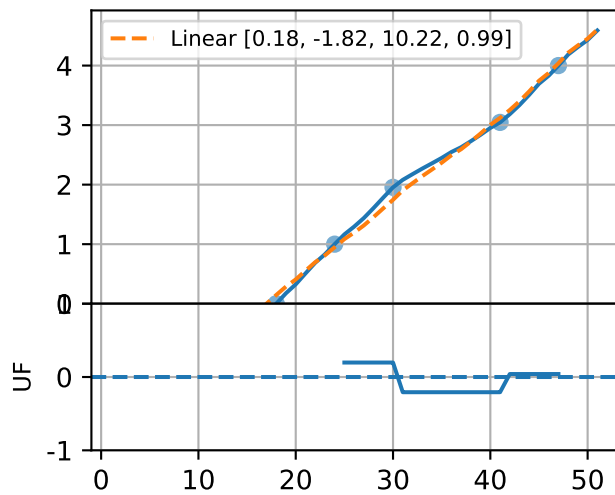
P3-2-24-18



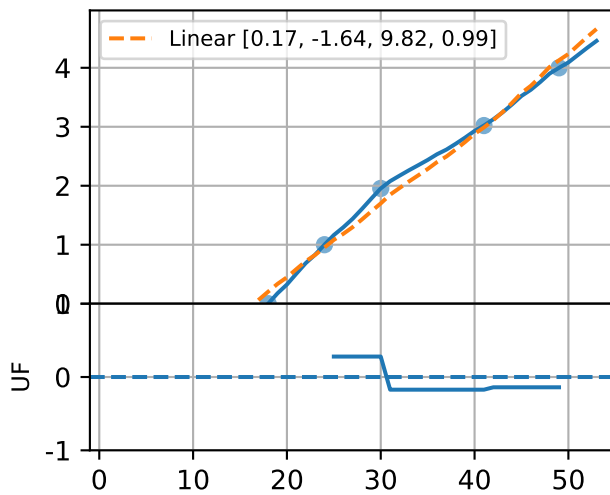
P3-2-40-6



P3-2-55-28



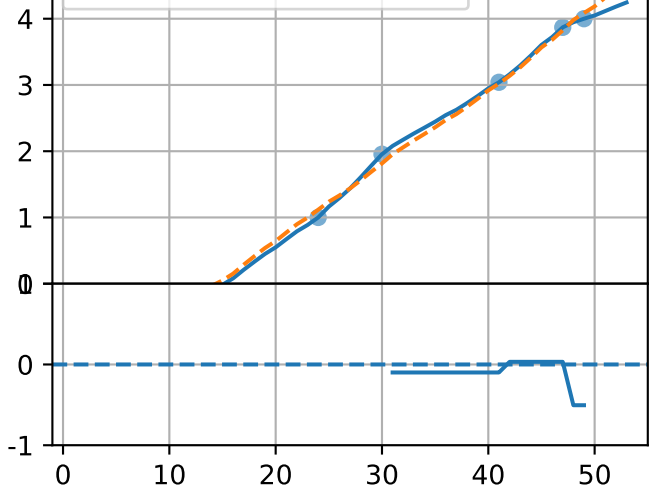
P3-2-9-8

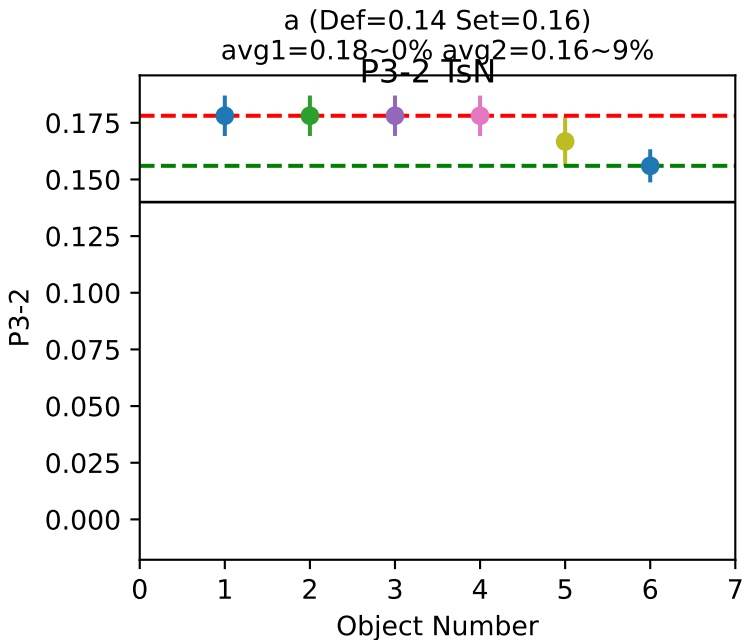


P3-2avg TSN

Linear [0.16, -1.31, 8.38, 0.99]

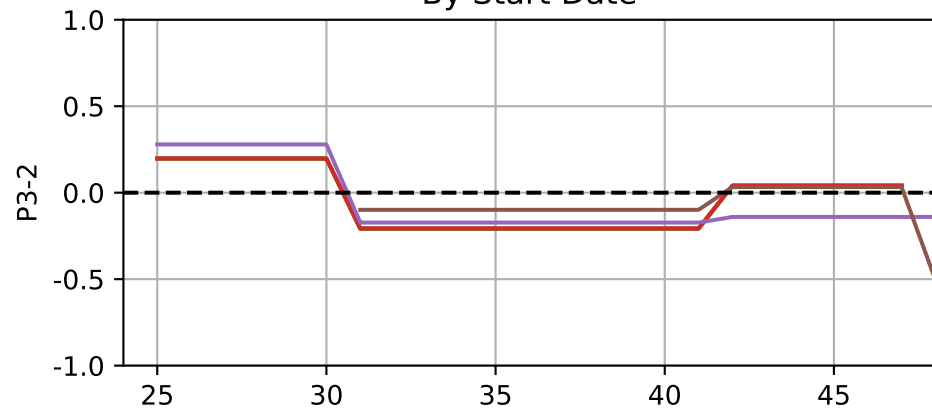
UF



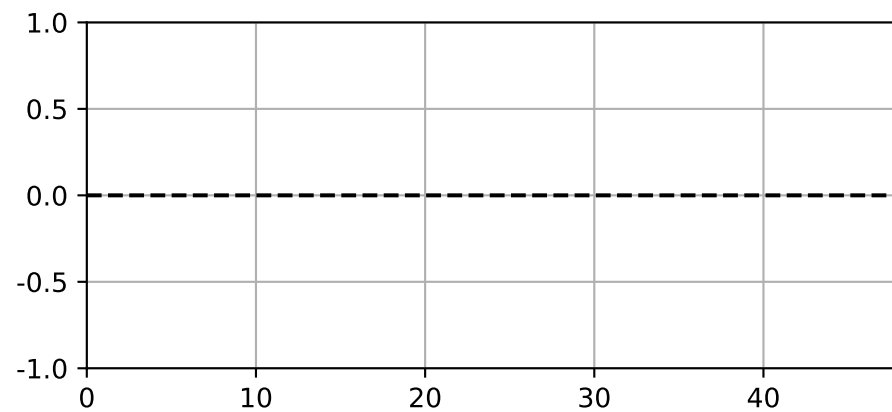
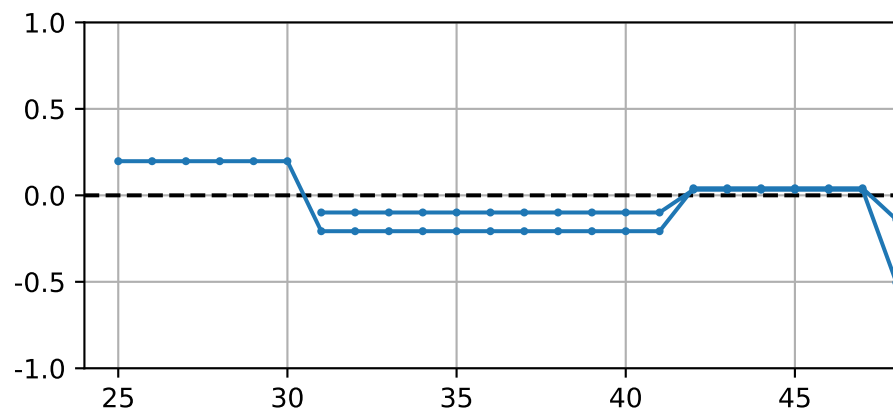
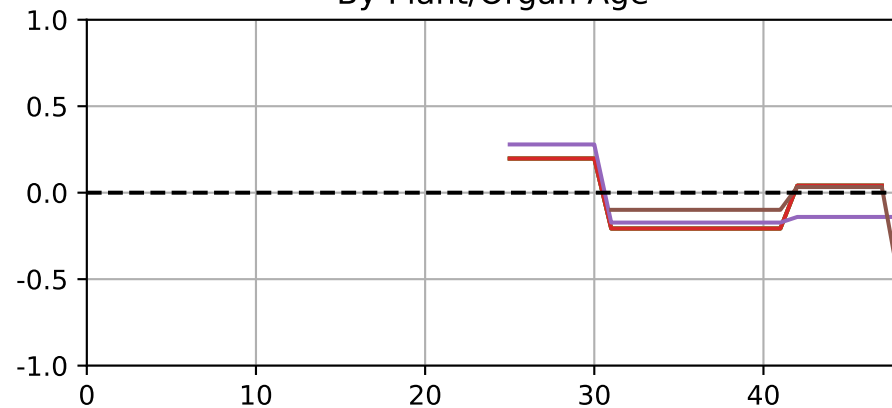


TsN

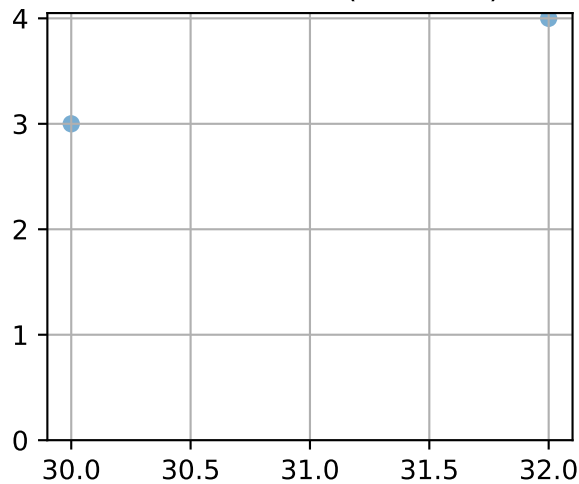
By Start Date



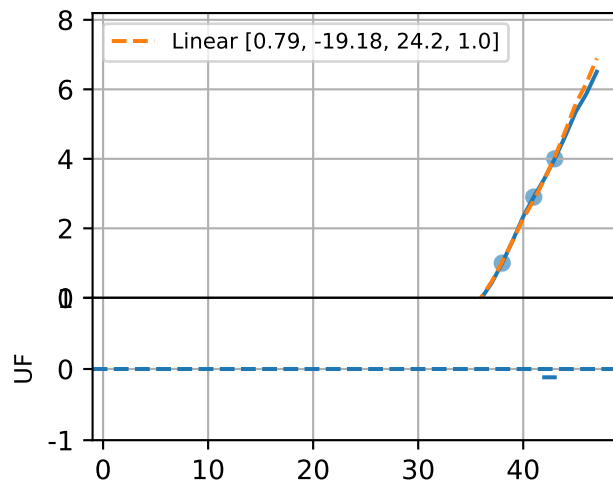
By Plant/Organ Age



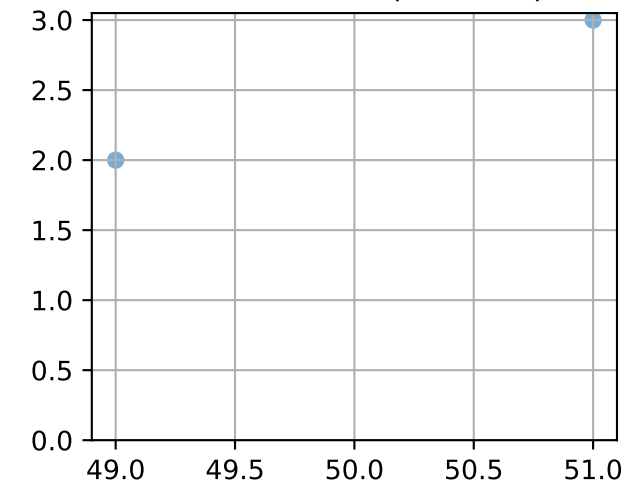
P3-2-16-21T1 (fit failed)



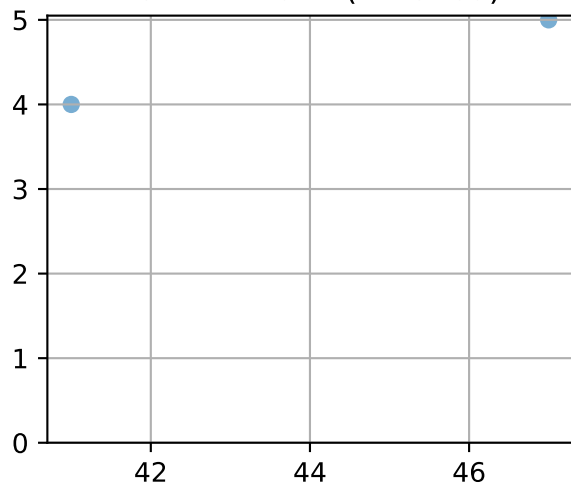
P3-2-16-21T2



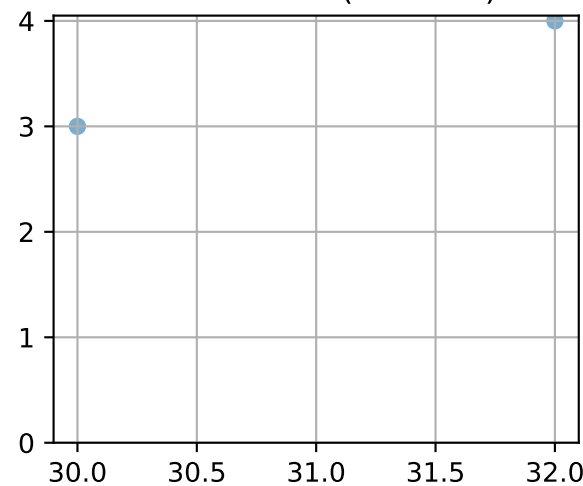
P3-2-16-21T3 (fit failed)



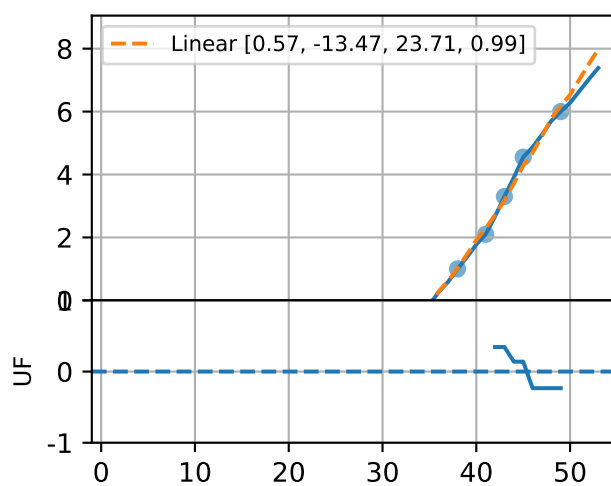
P3-2-24-18T2 (fit failed)



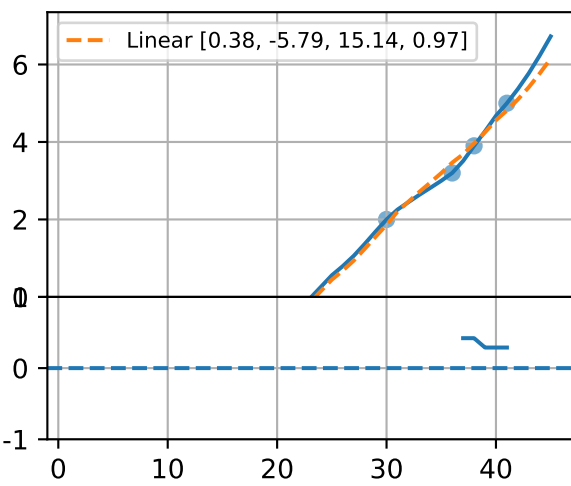
P3-2-40-6T1 (fit failed)



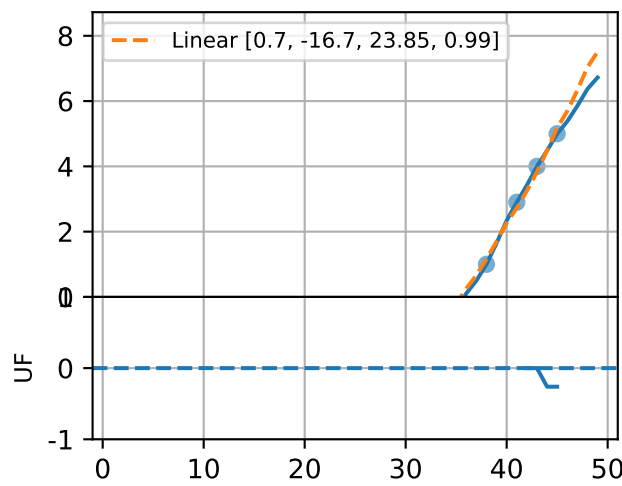
P3-2-40-6T2



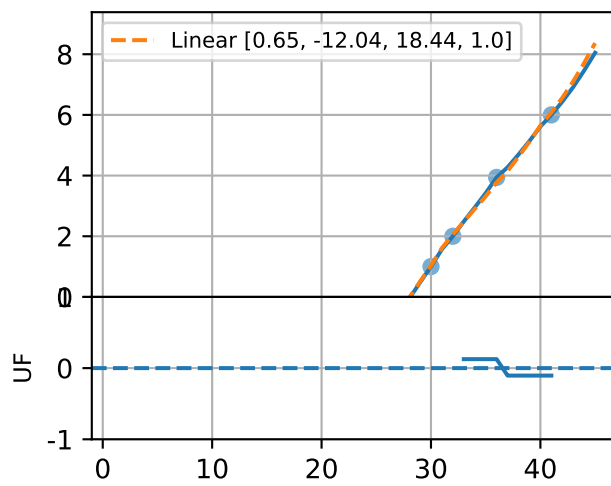
P3-2-55-28T1



P3-2-55-28T2

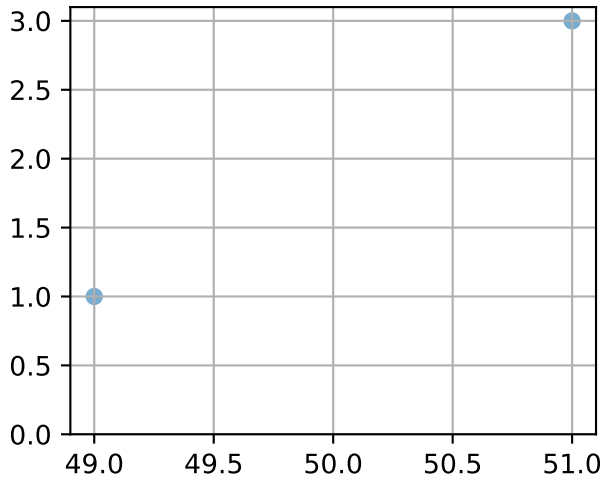


P3-2-9-8T1

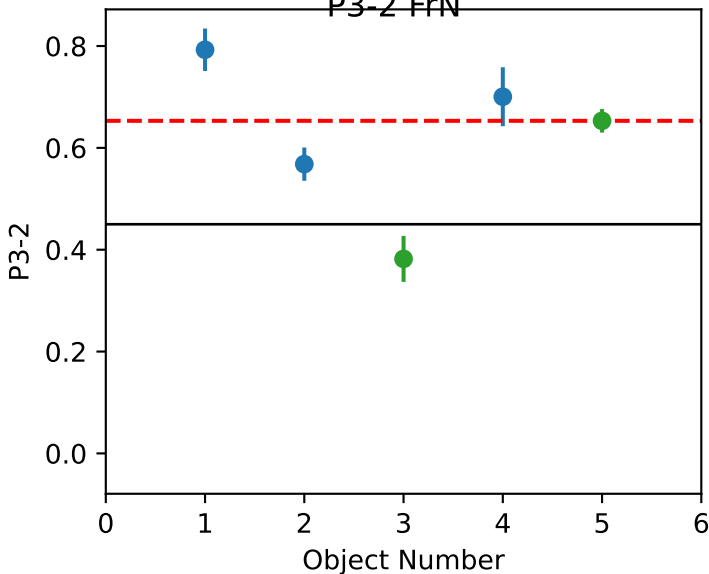


P3-2-9-8T3 (fit failed)

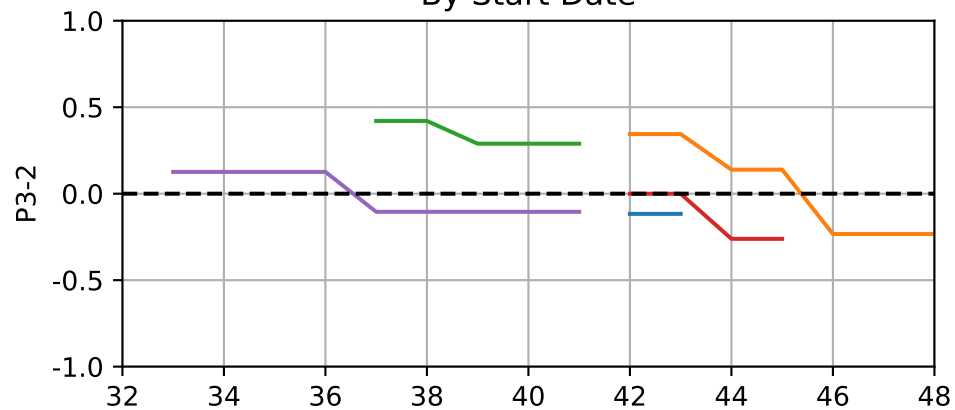
FrN



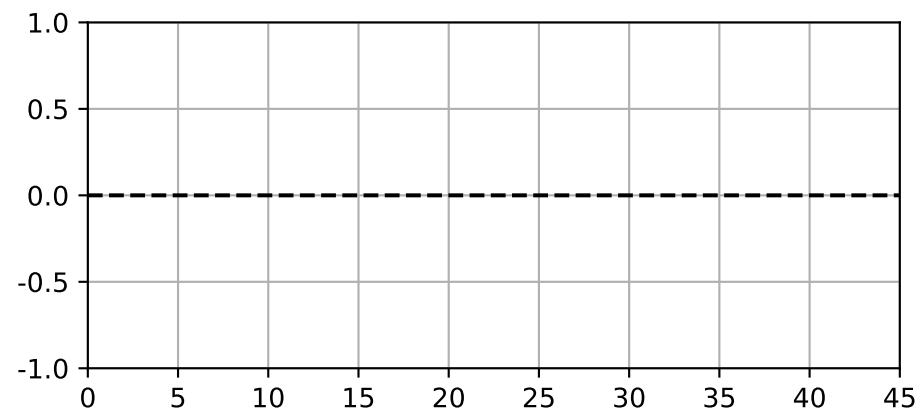
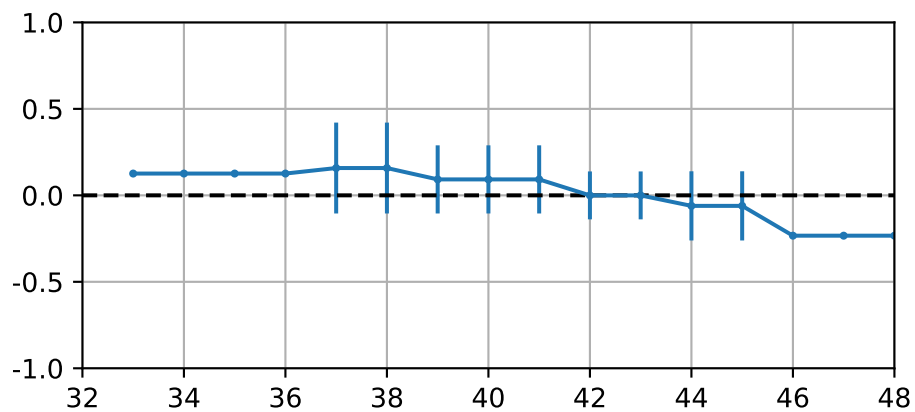
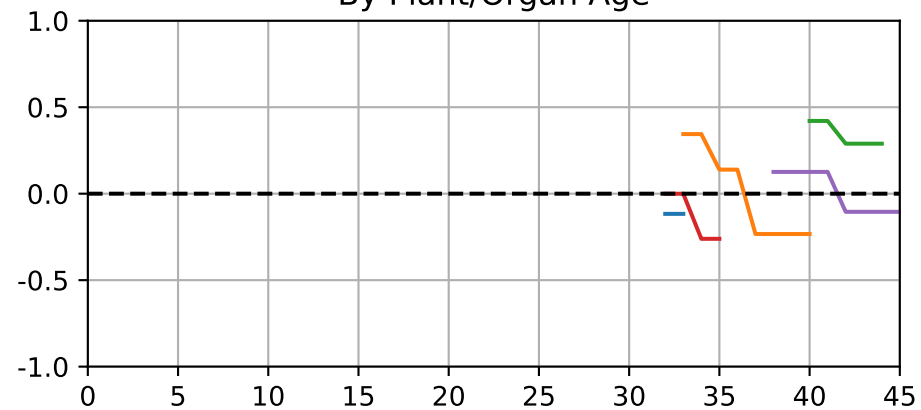
a (Def=0.45 Set=0.65)
avg1=0.65~24% avg2=na
P3-2 FrN



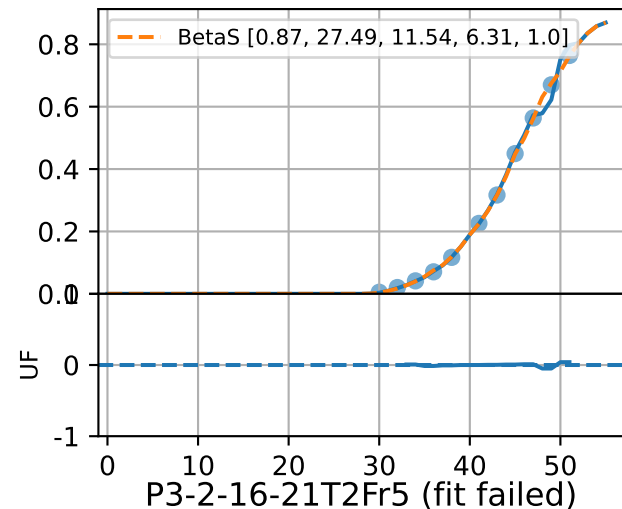
By Start Date



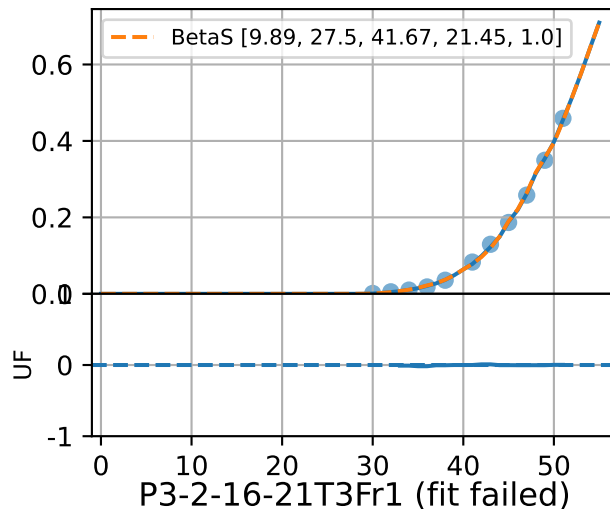
By Plant/Organ Age



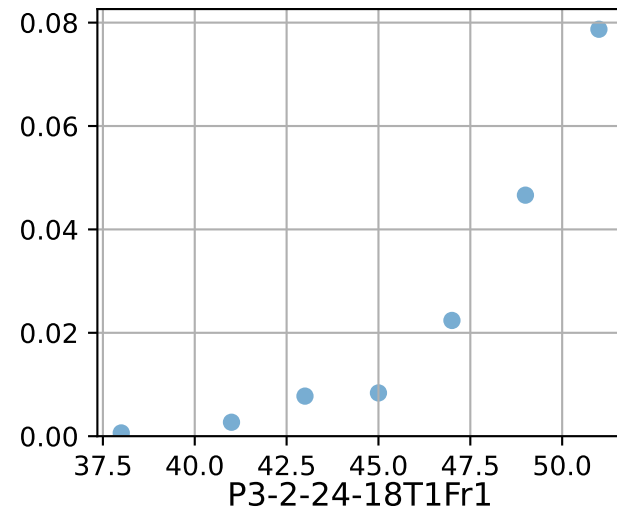
P3-2-16-21T1Fr1



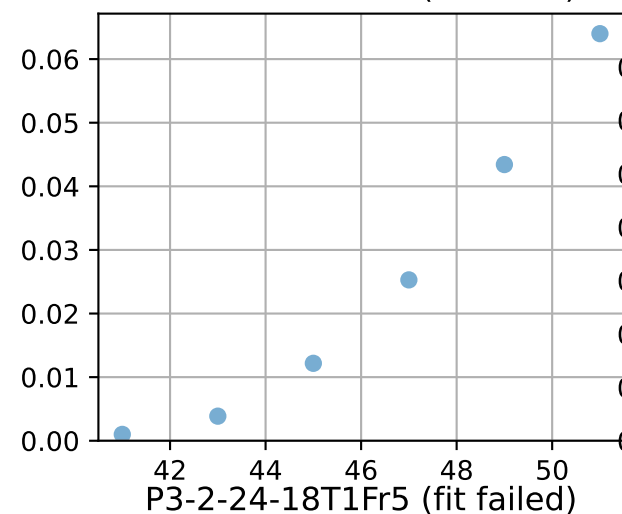
P3-2-16-21T1Fr5 (fit failed)



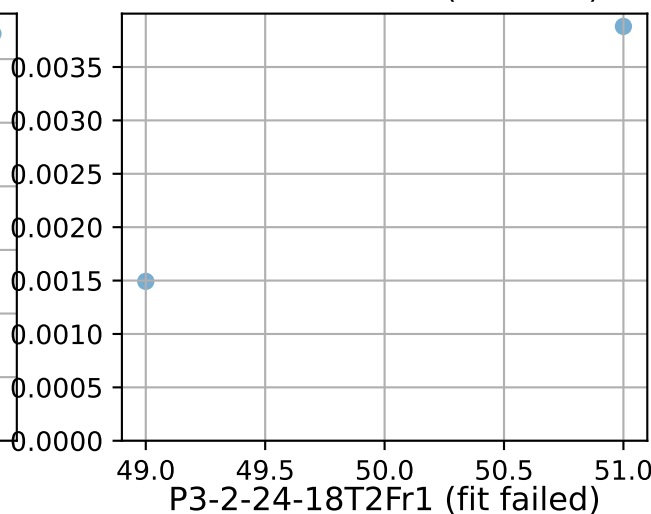
P3-2-16-21T2Fr1 (fit failed)



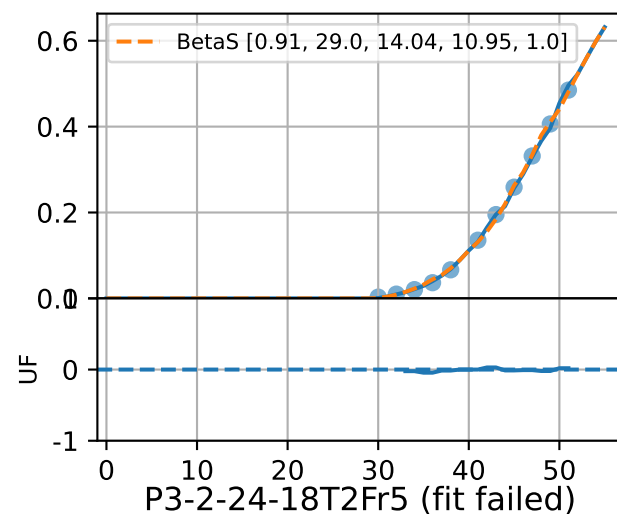
P3-2-16-21T2Fr5 (fit failed)



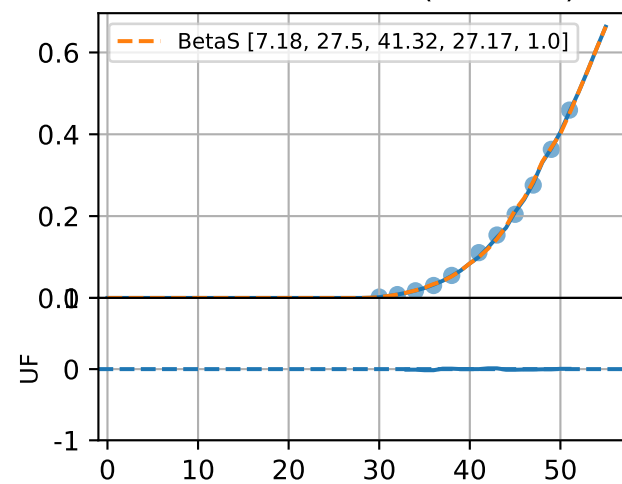
P3-2-16-21T3Fr1 (fit failed)



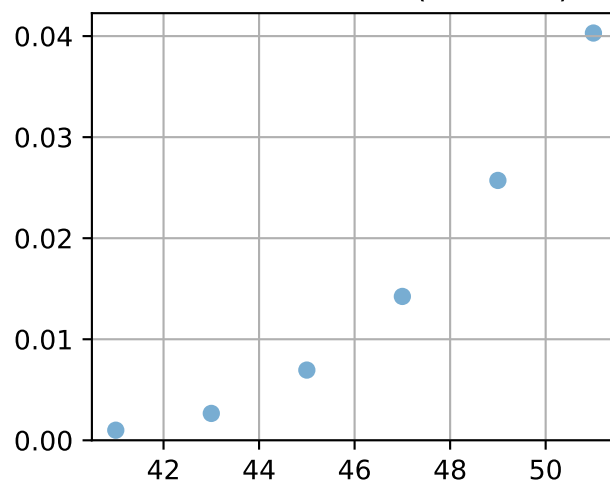
P3-2-24-18T1Fr1



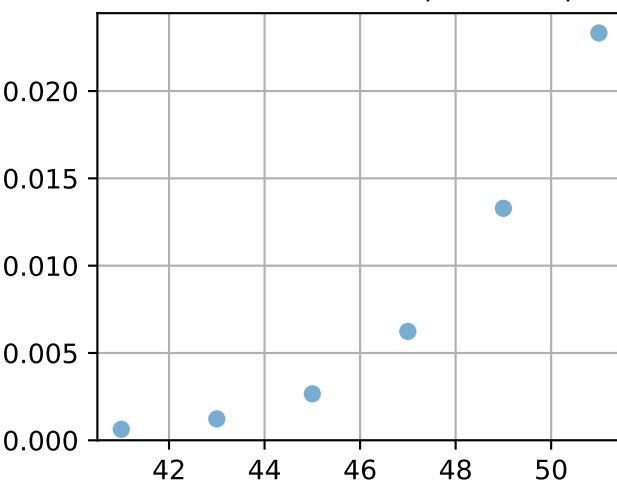
P3-2-24-18T1Fr5 (fit failed)



P3-2-24-18T2Fr1 (fit failed)

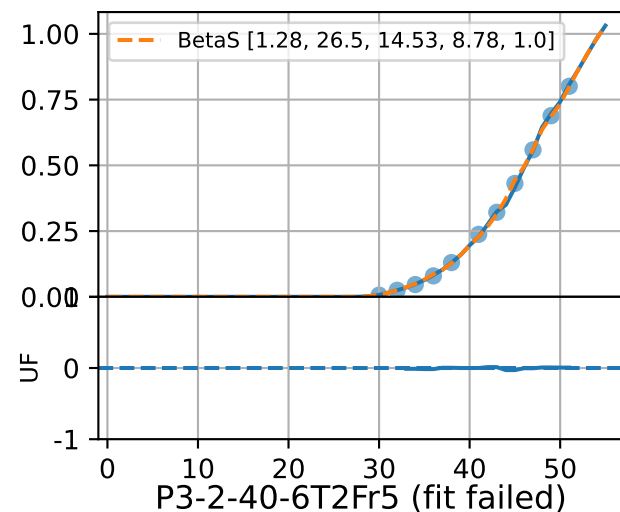


P3-2-24-18T2Fr5 (fit failed)

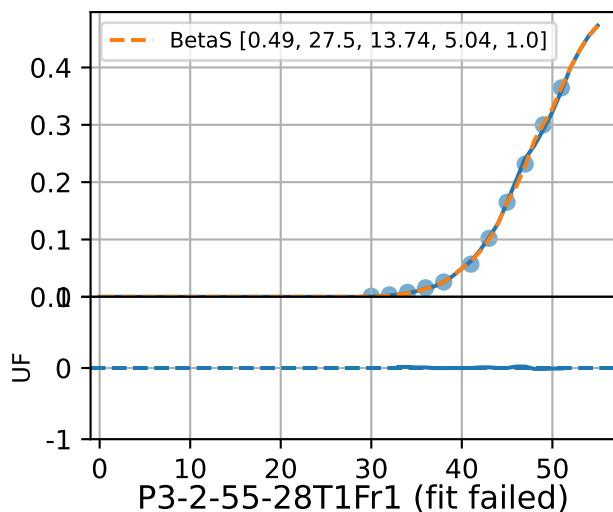


ErV

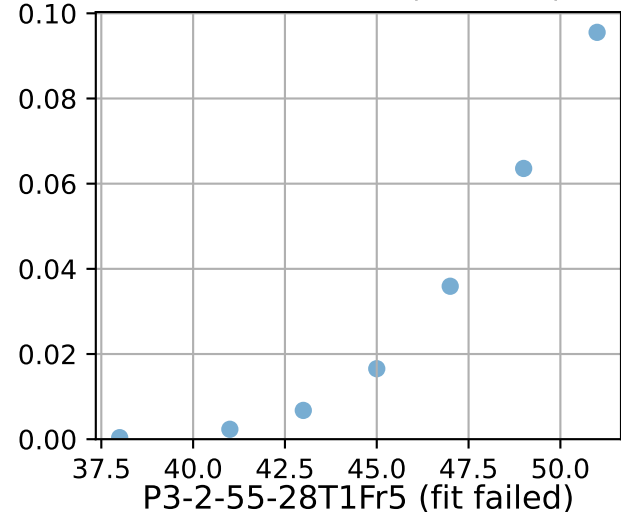
P3-2-40-6T1Fr1



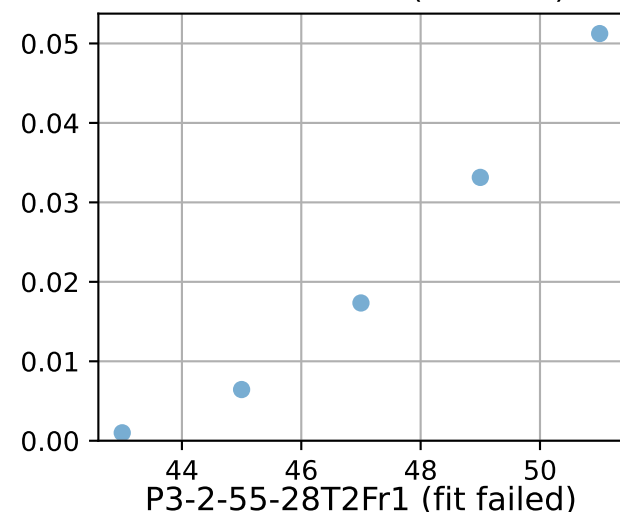
P3-2-40-6T1Fr5



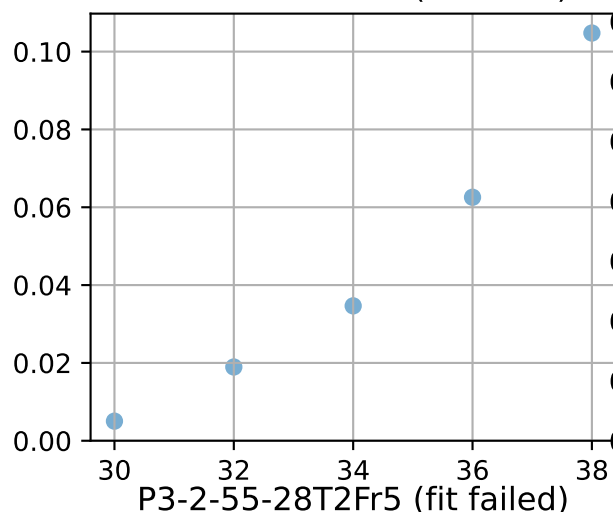
P3-2-40-6T2Fr1 (fit failed)



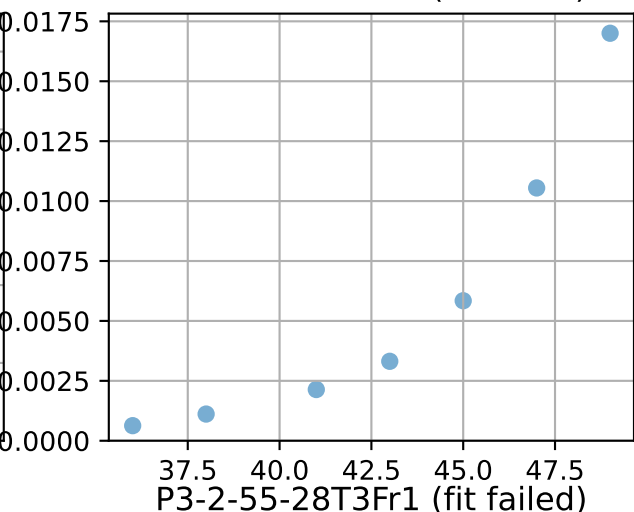
P3-2-40-6T2Fr5 (fit failed)



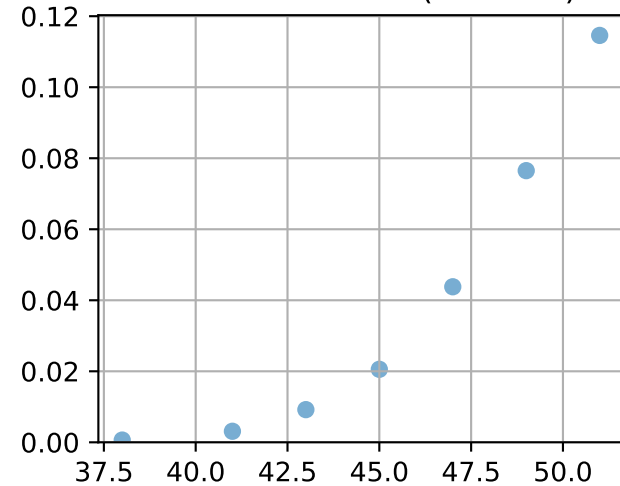
P3-2-55-28T1Fr1 (fit failed)



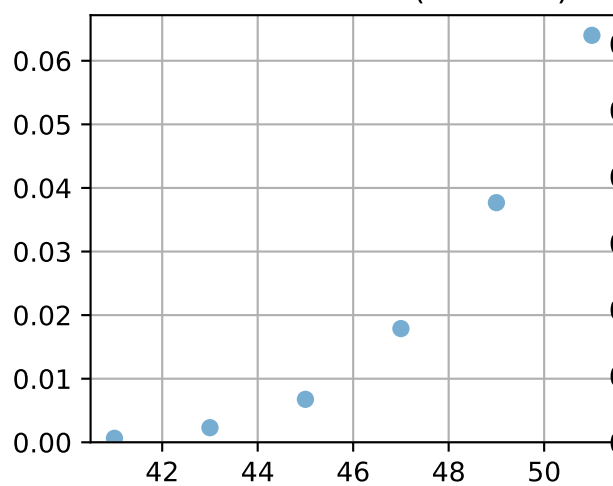
P3-2-55-28T1Fr5 (fit failed)



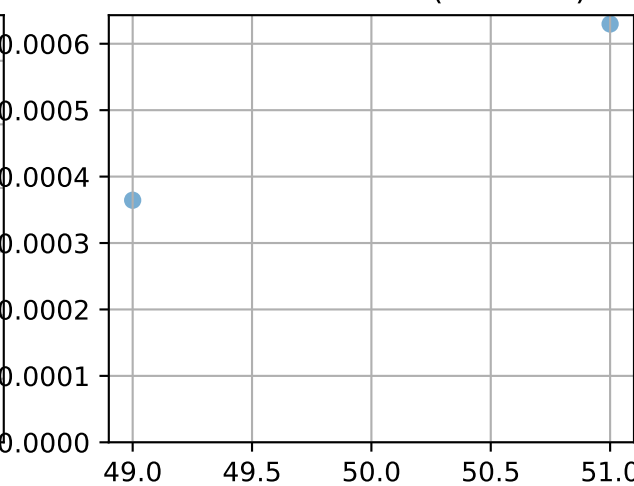
P3-2-55-28T2Fr1 (fit failed)



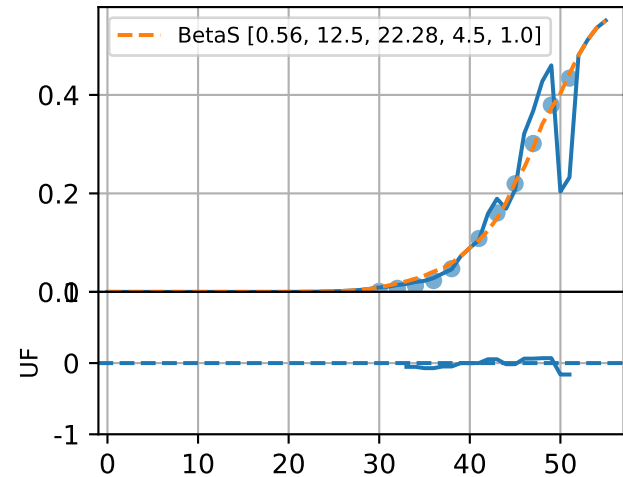
P3-2-55-28T2Fr5 (fit failed)



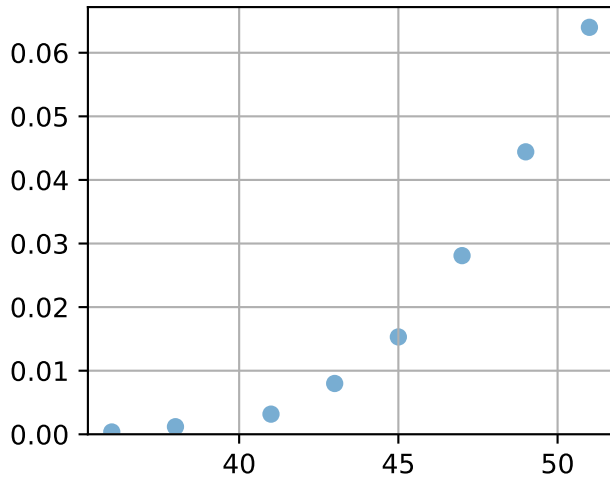
P3-2-55-28T3Fr1 (fit failed)



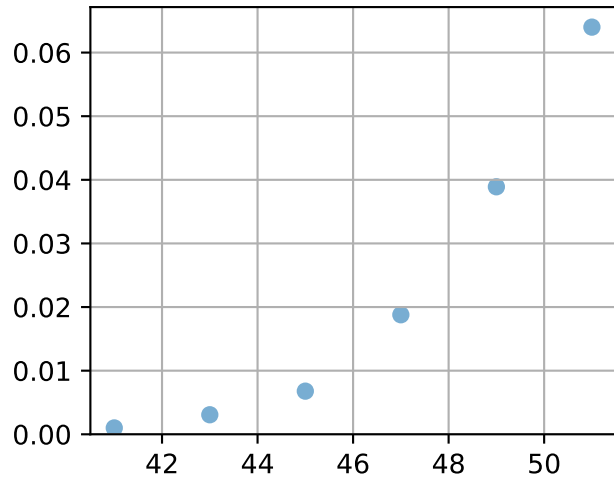
P3-2-9-8T1Fr1

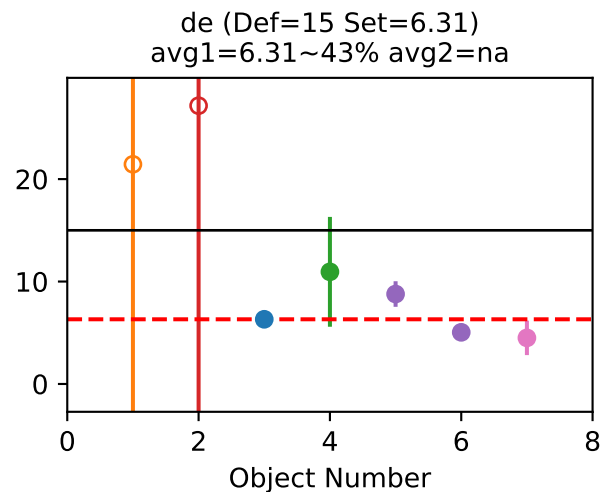
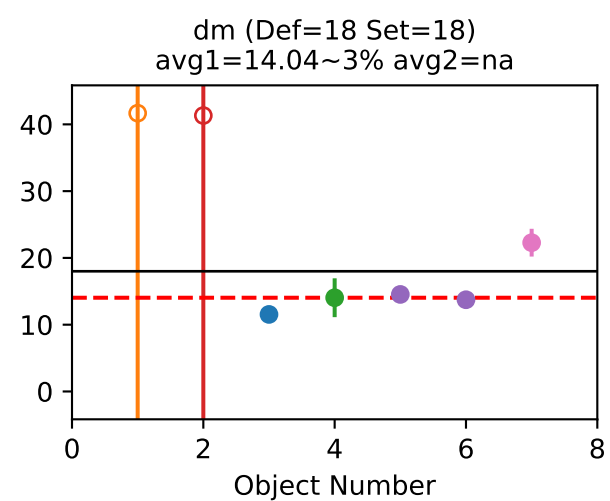
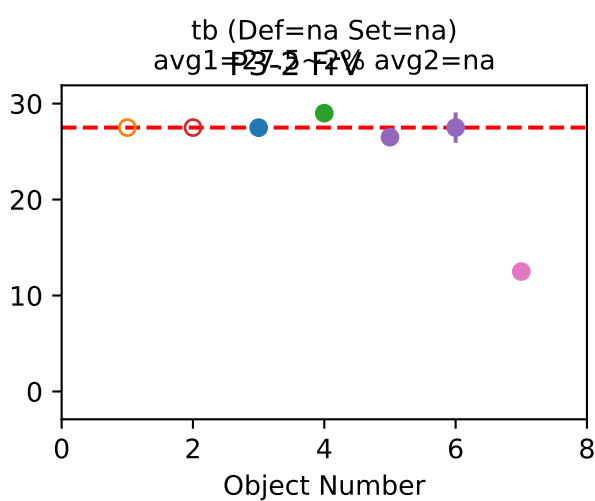
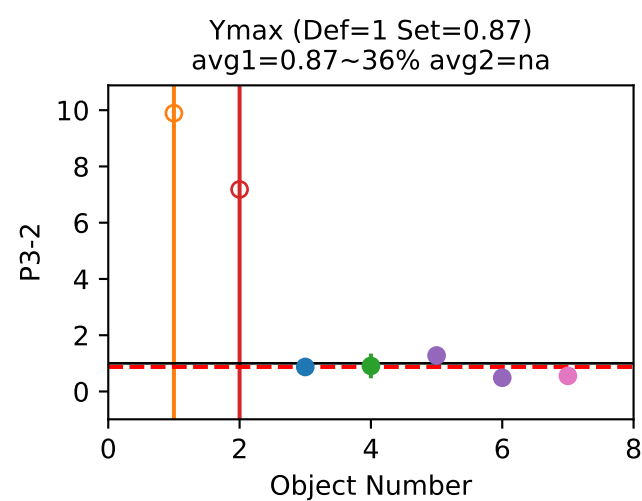


P3-2-9-8T1Fr5 (fit failed)

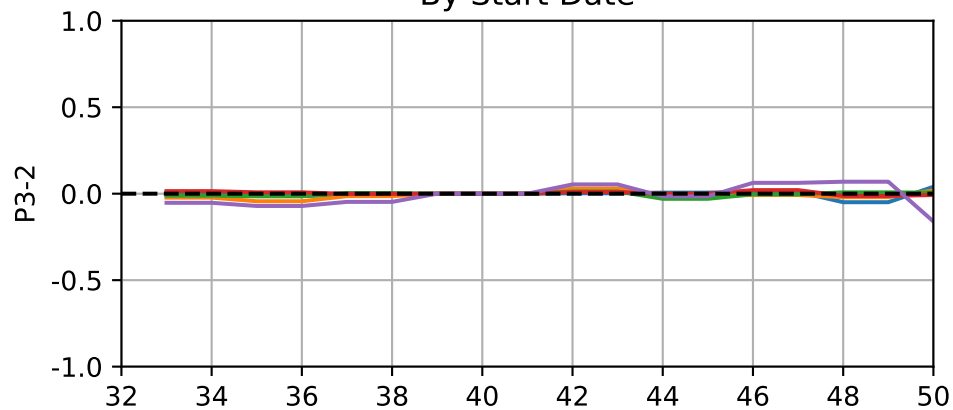


P3-2-9-8T2Fr1 (fit failed)

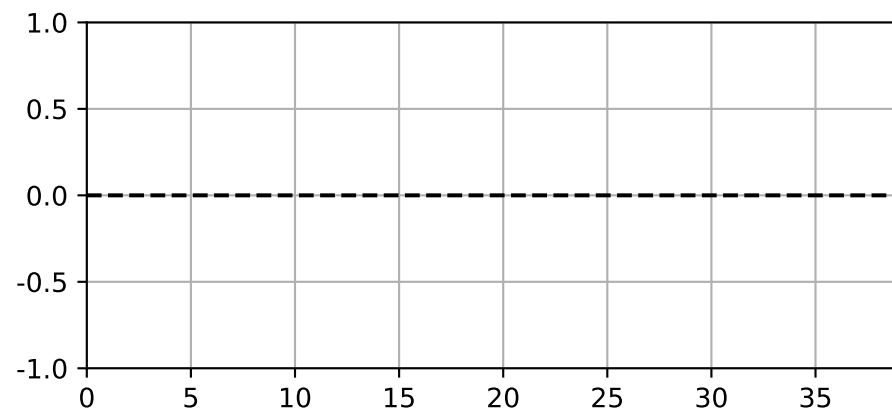
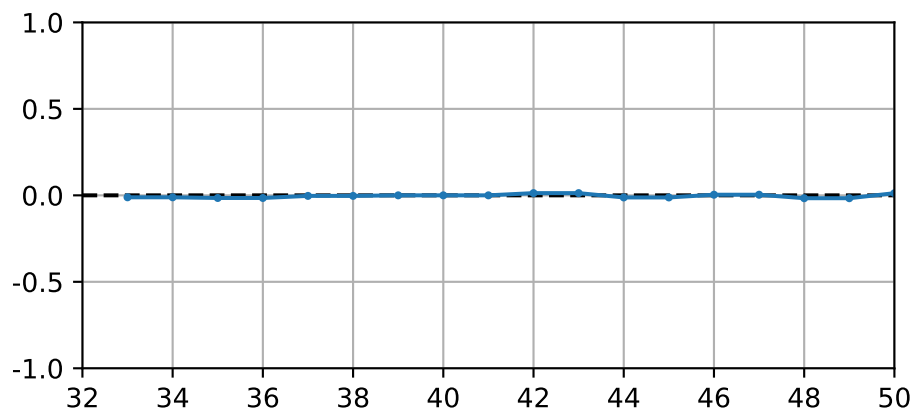
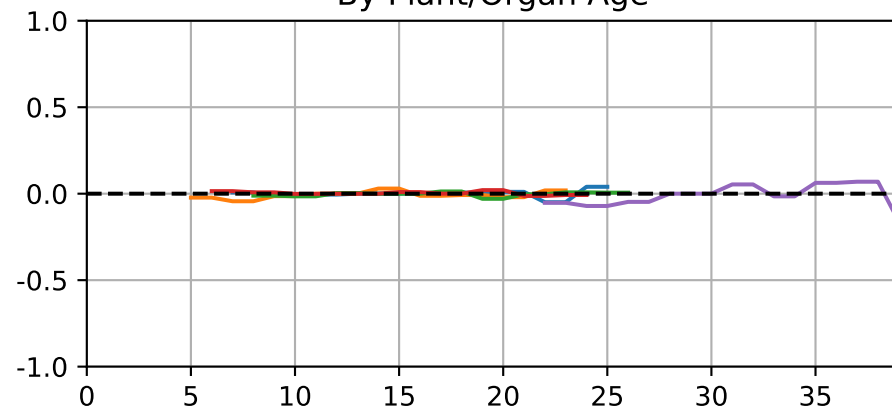




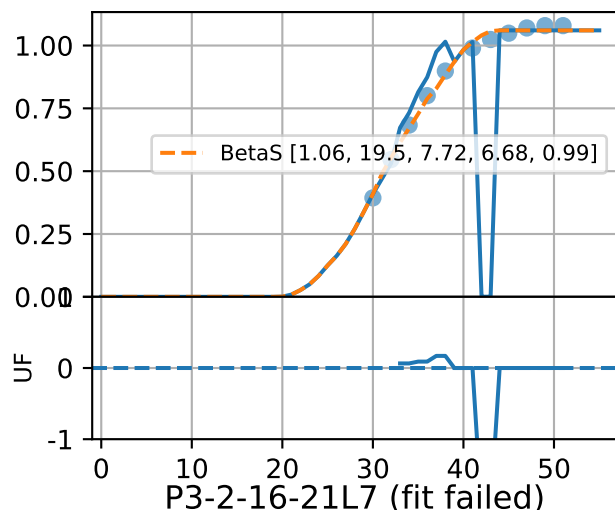
By Start Date



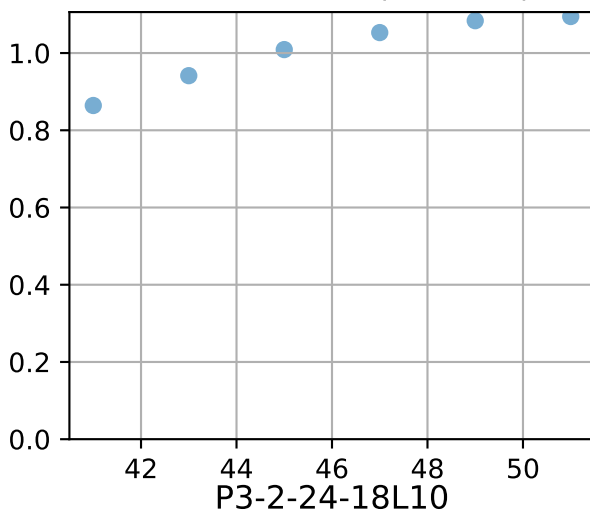
By Plant/Organ Age



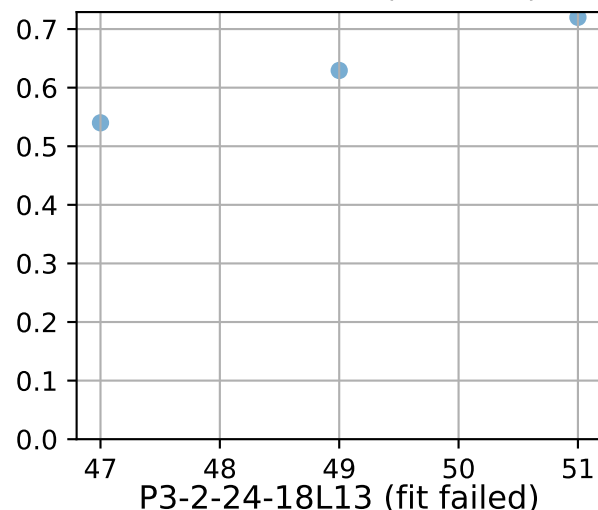
P3-2-16-21L10



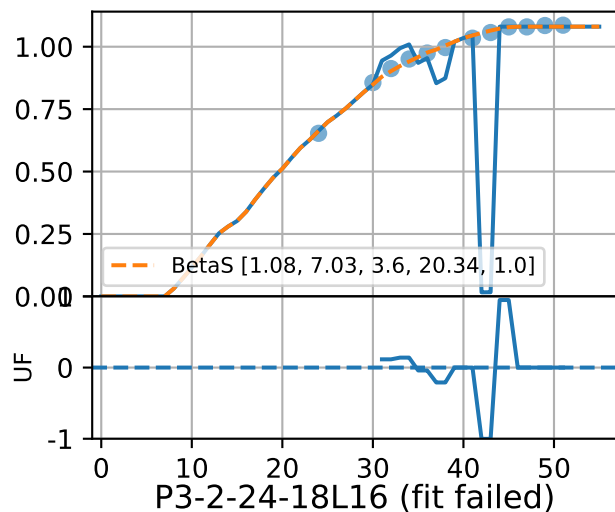
P3-2-16-21L13 (fit failed)



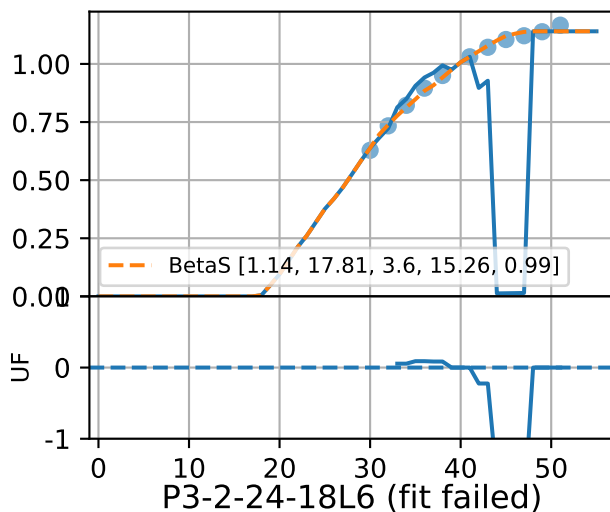
P3-2-16-21L16 (fit failed)



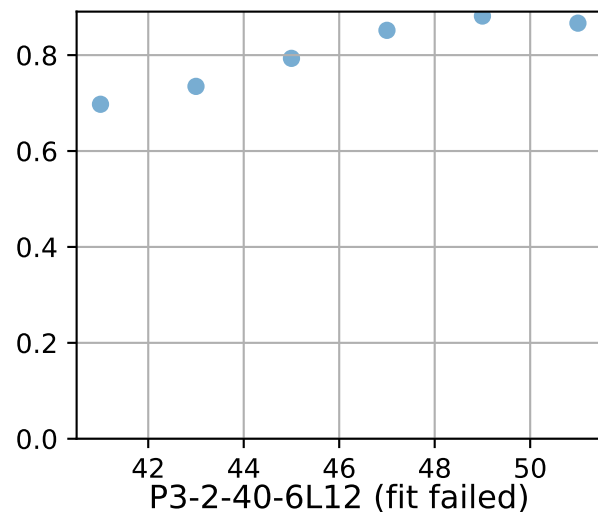
P3-2-16-21L7 (fit failed)



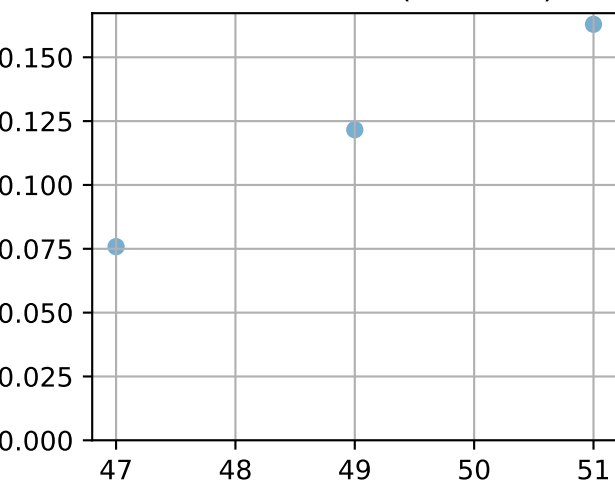
P3-2-24-18L10



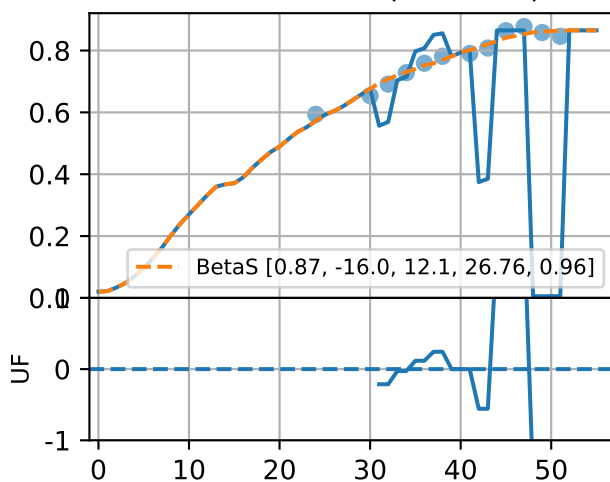
P3-2-24-18L13 (fit failed)



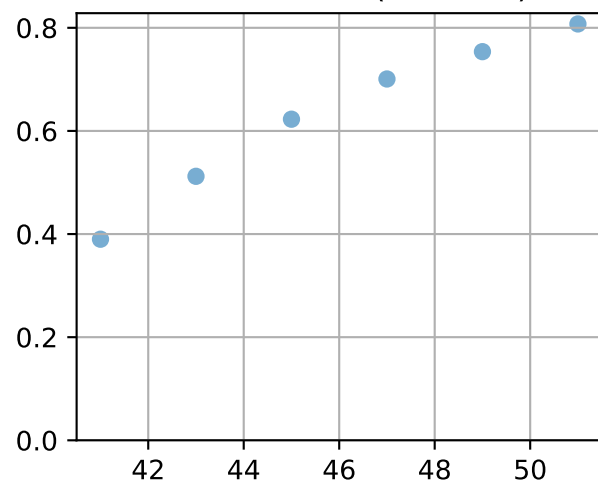
P3-2-24-18L16 (fit failed)



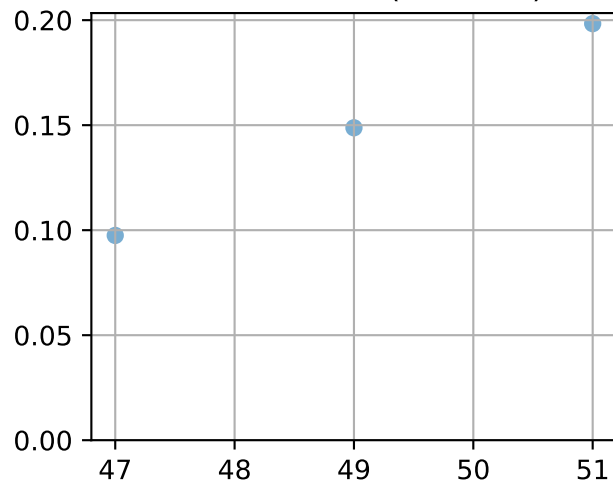
P3-2-24-18L6 (fit failed)



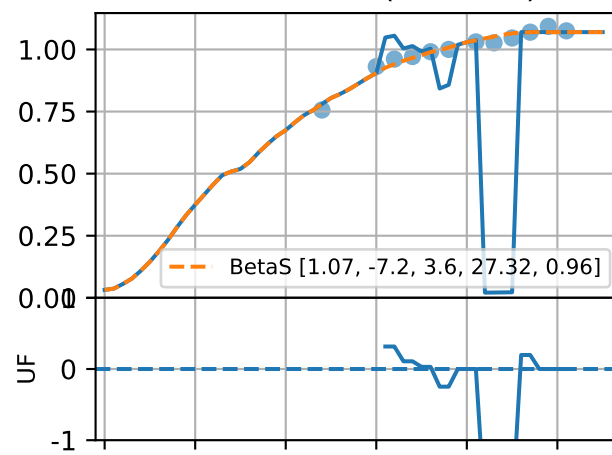
P3-2-40-6L12 (fit failed)



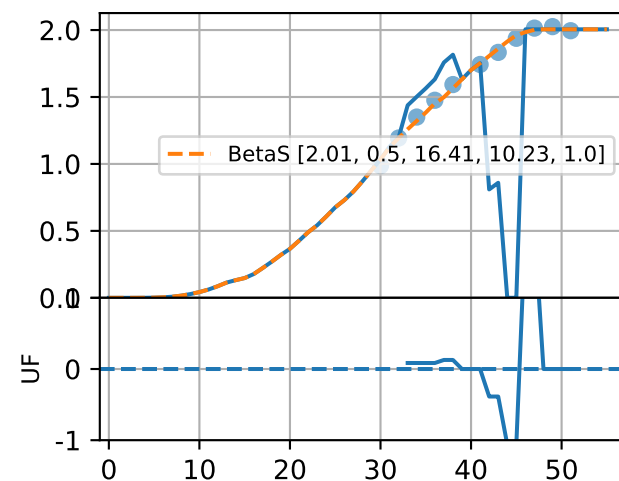
P3-2-40-6L15 (fit failed)



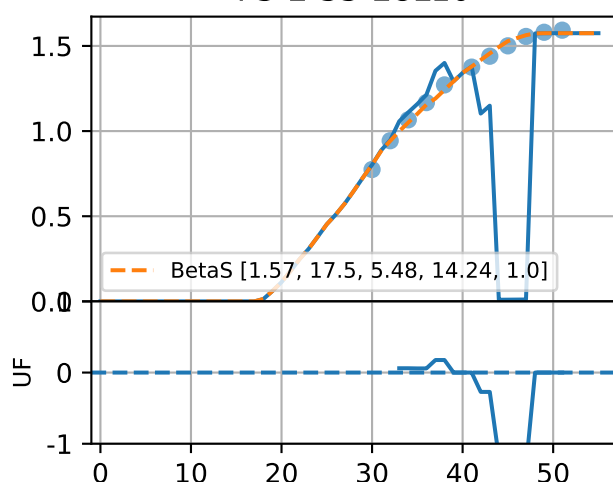
P3-2-40-6L6 (fit failed)



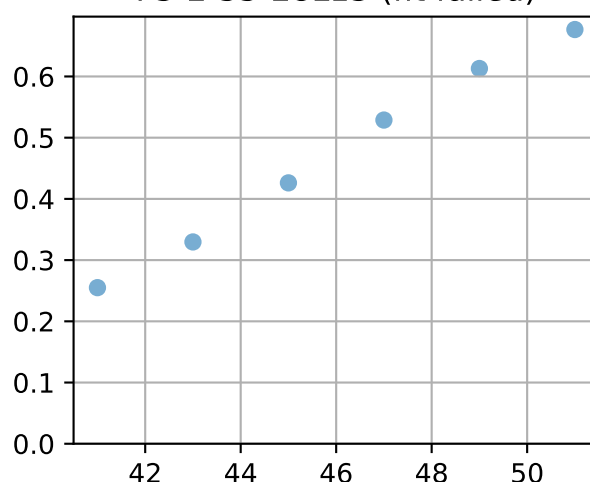
P3-2-40-6L9



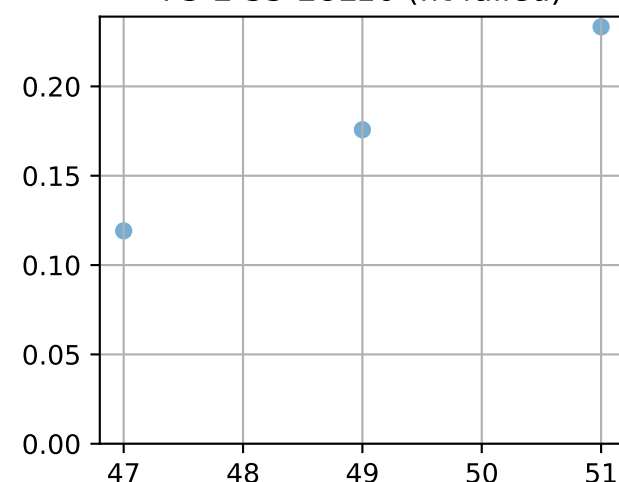
P3-2-55-28L10



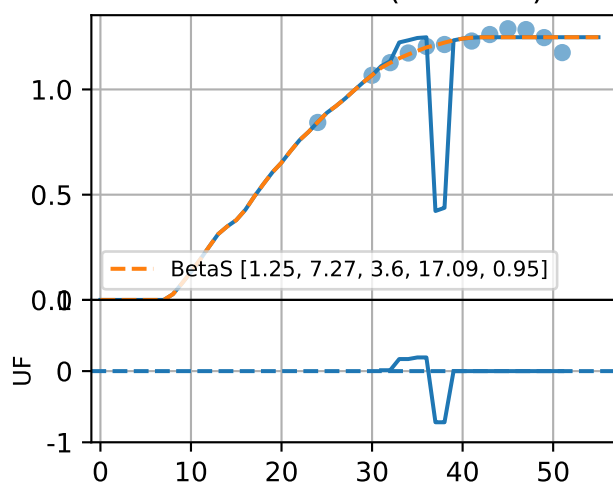
P3-2-55-28L13 (fit failed)



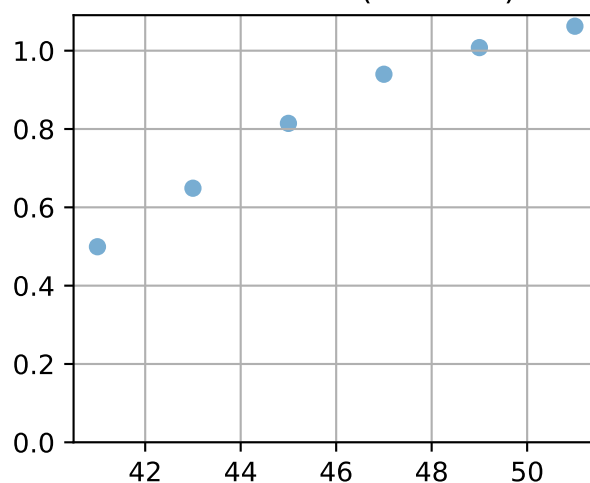
P3-2-55-28L16 (fit failed)



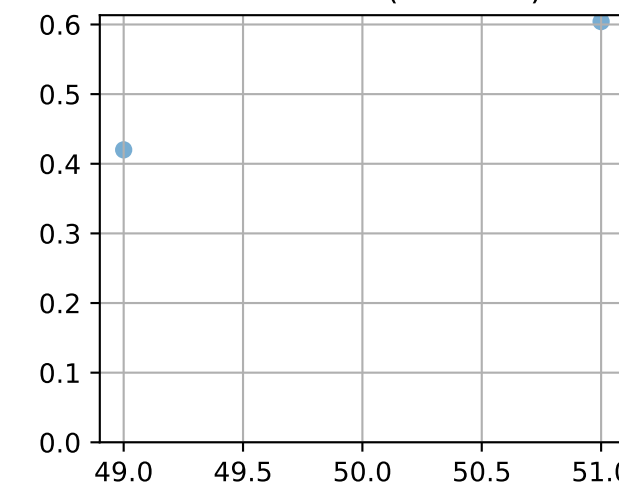
P3-2-55-28L7 (fit failed)



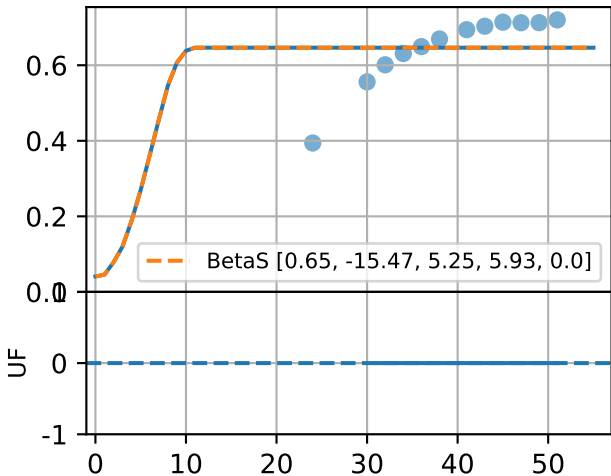
P3-2-9-8L12 (fit failed)



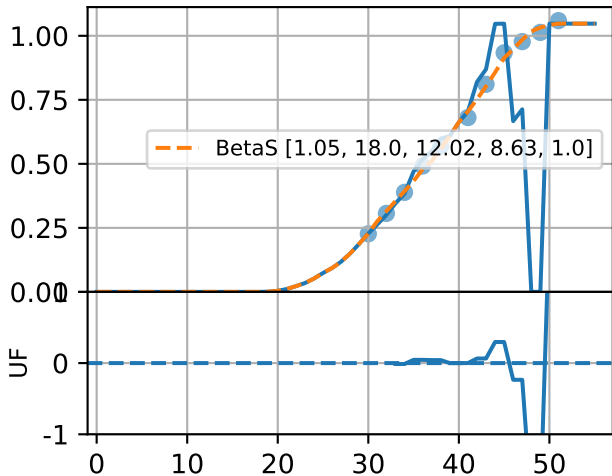
P3-2-9-8L15 (fit failed)

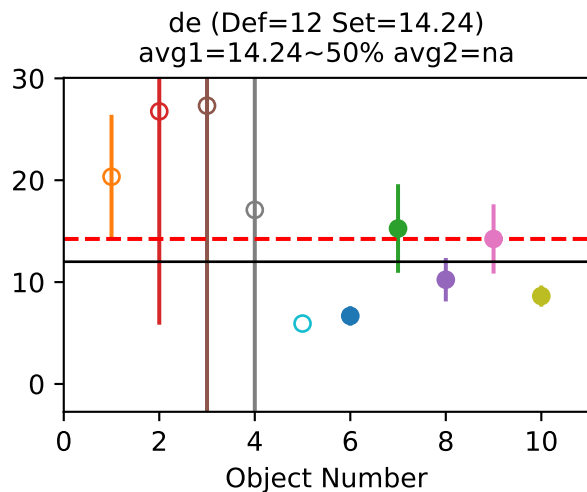
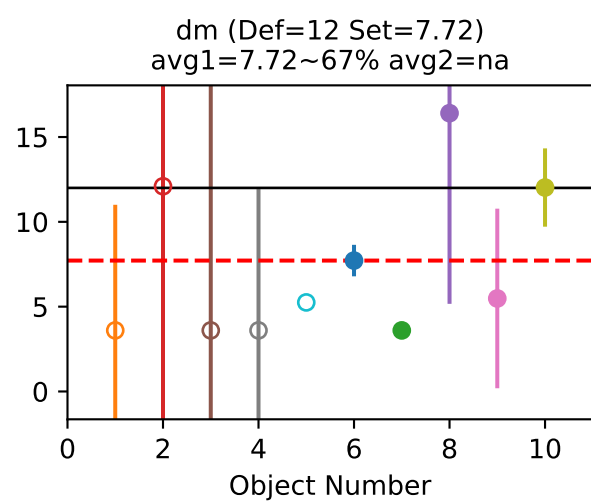
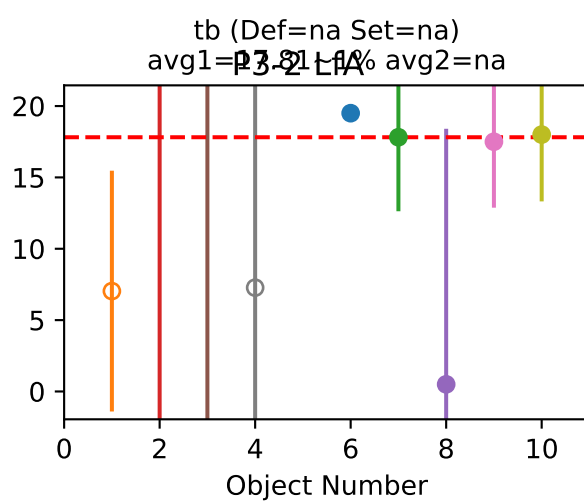
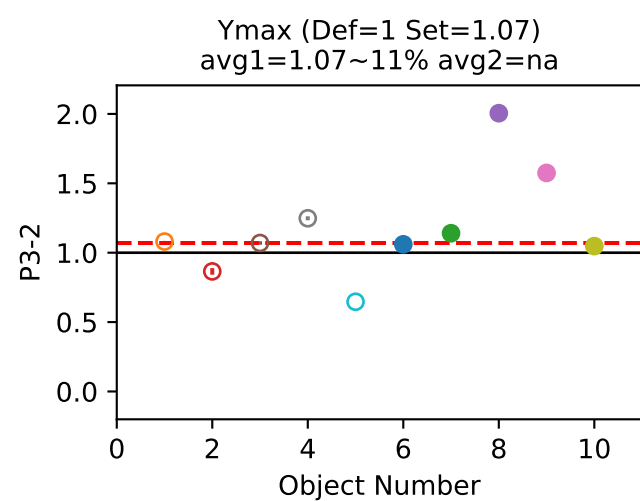


P3-2-9-8L6 (fit failed)



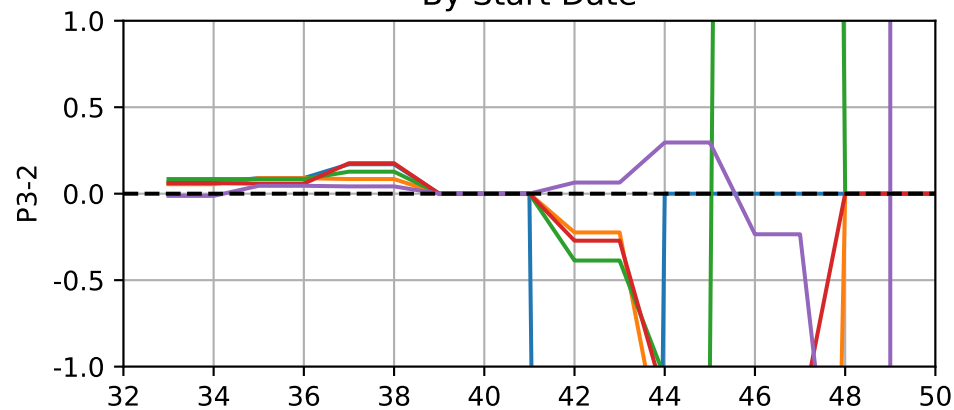
P3-2-9-8L9



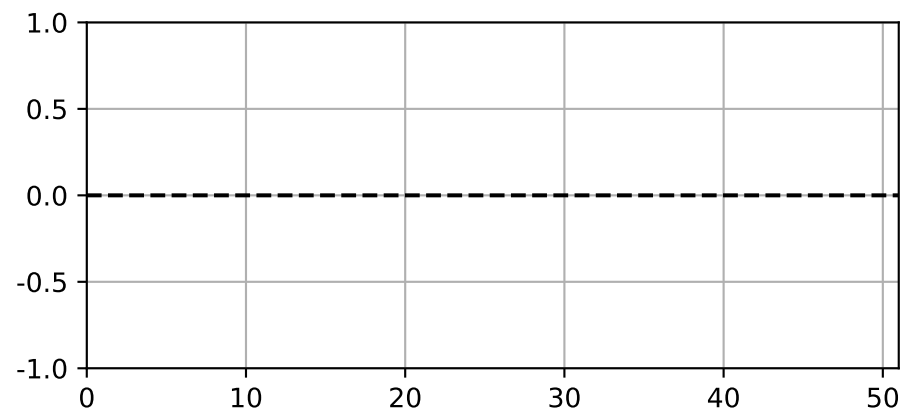
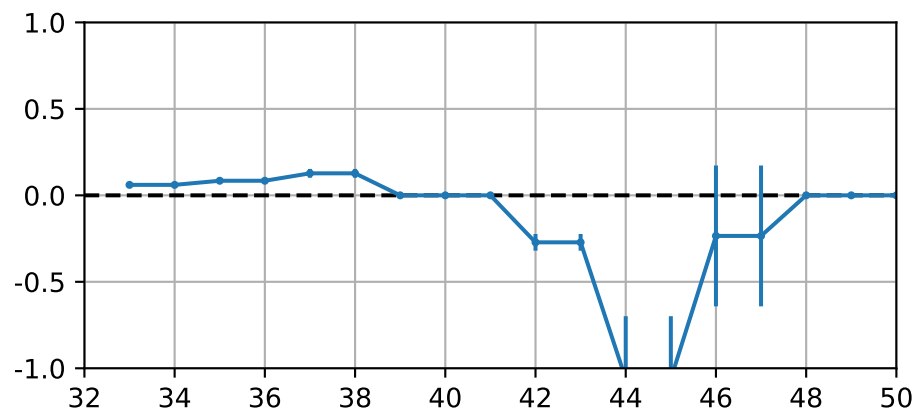
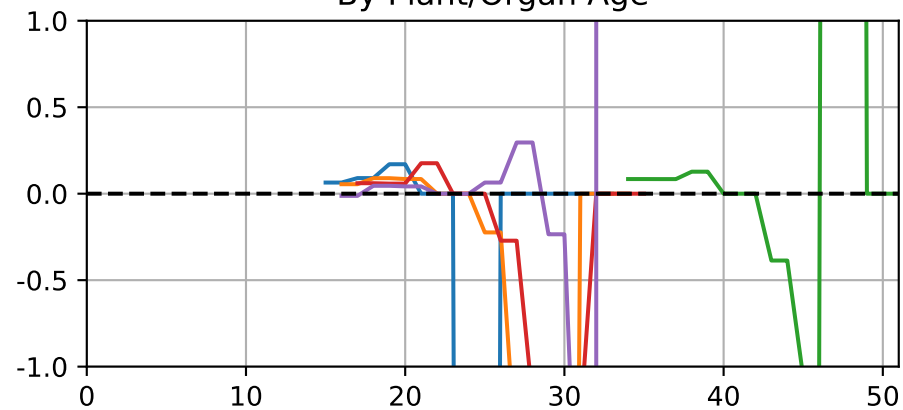


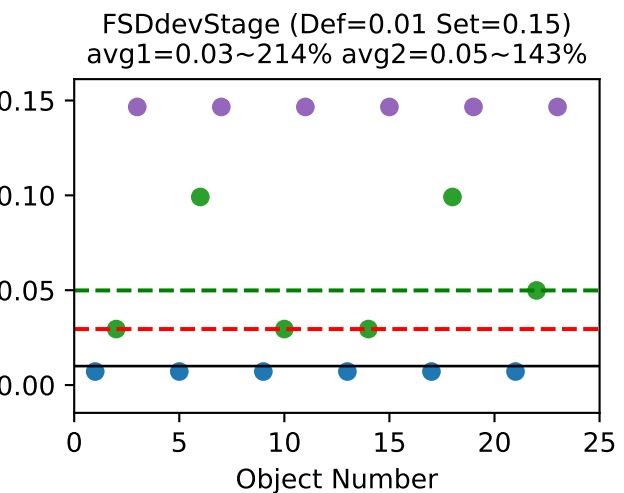
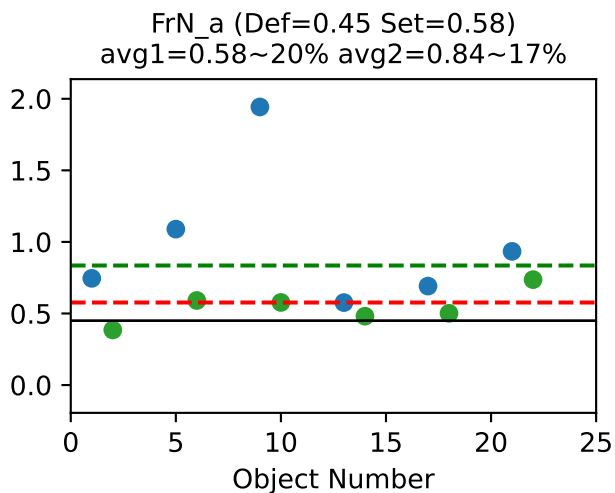
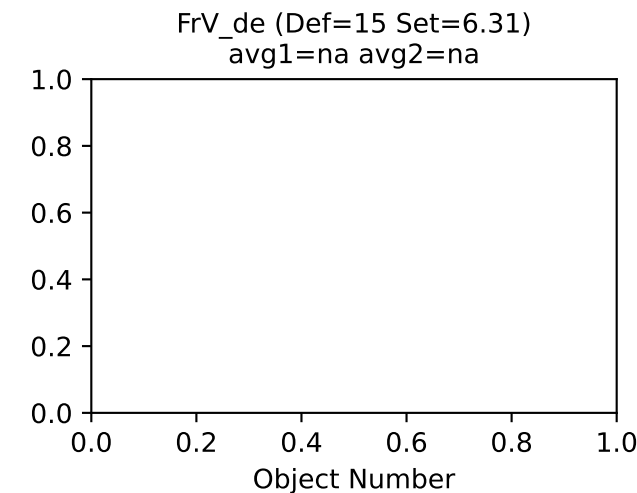
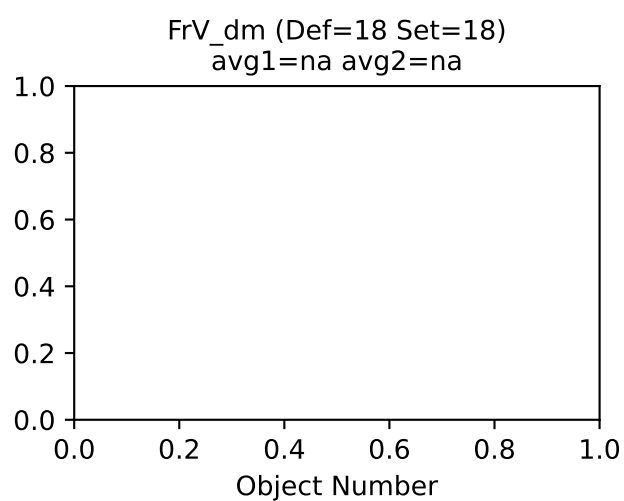
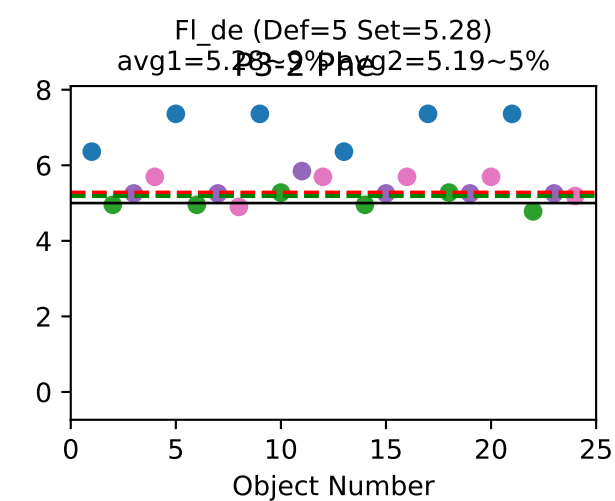
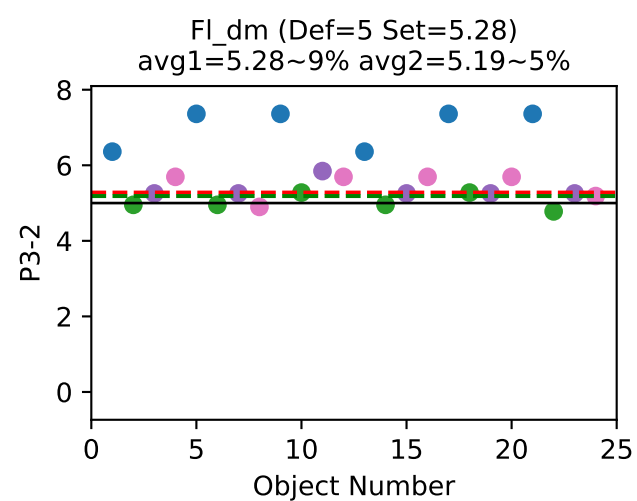
LfA

By Start Date

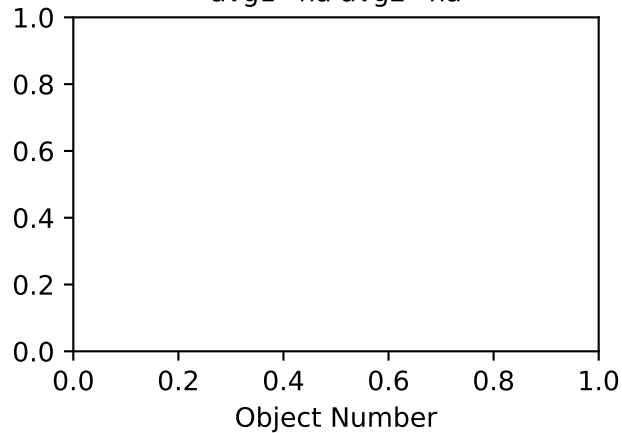


By Plant/Organ Age

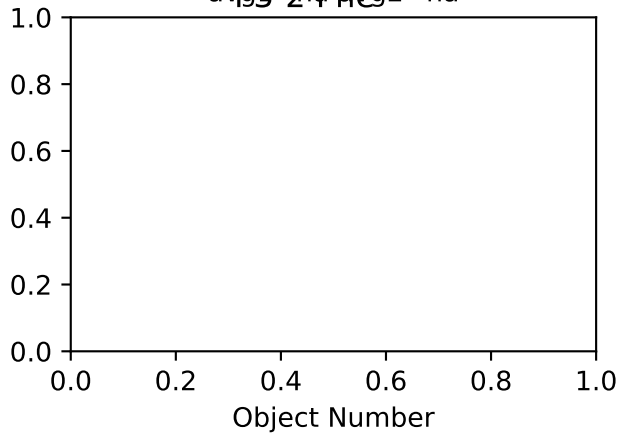




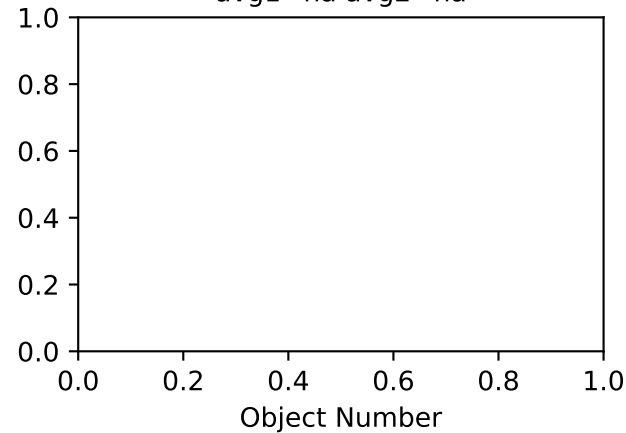
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



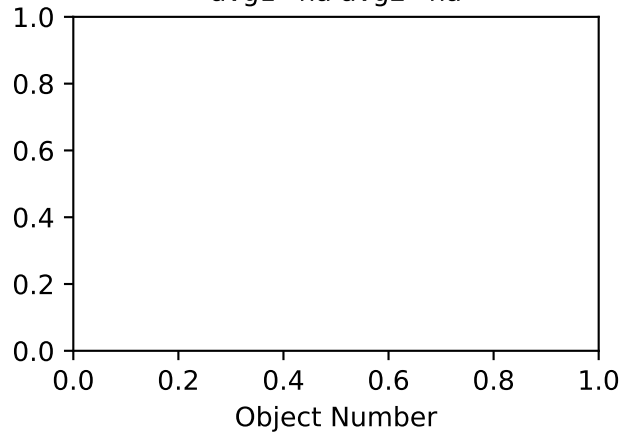
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



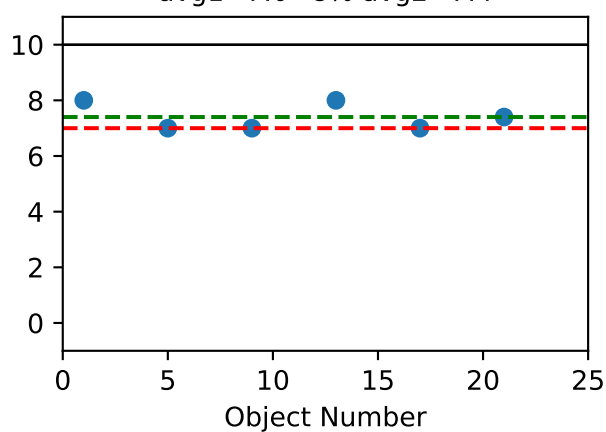
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

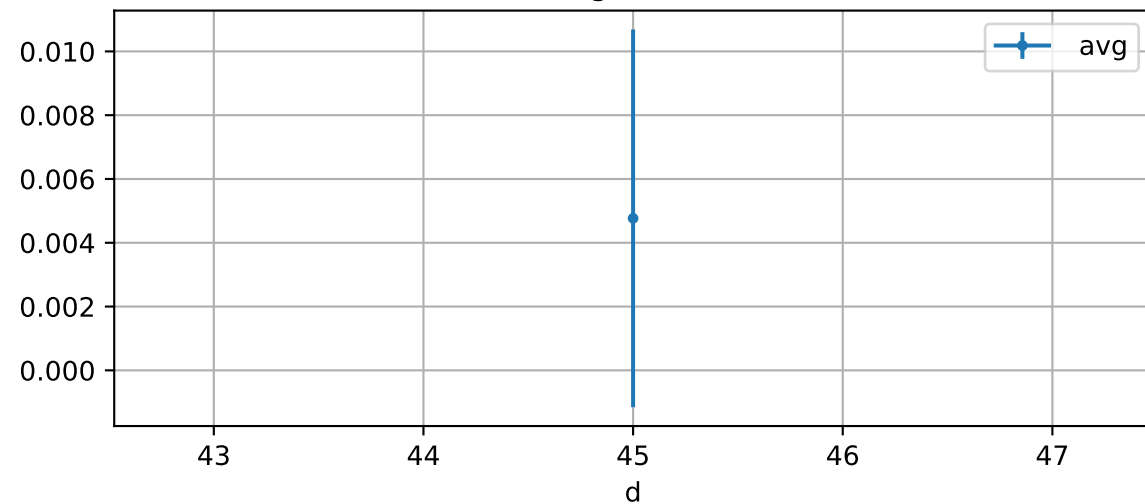


NNgen (Def=10 Set=7)
avg1=7.0~8% avg2=7.4

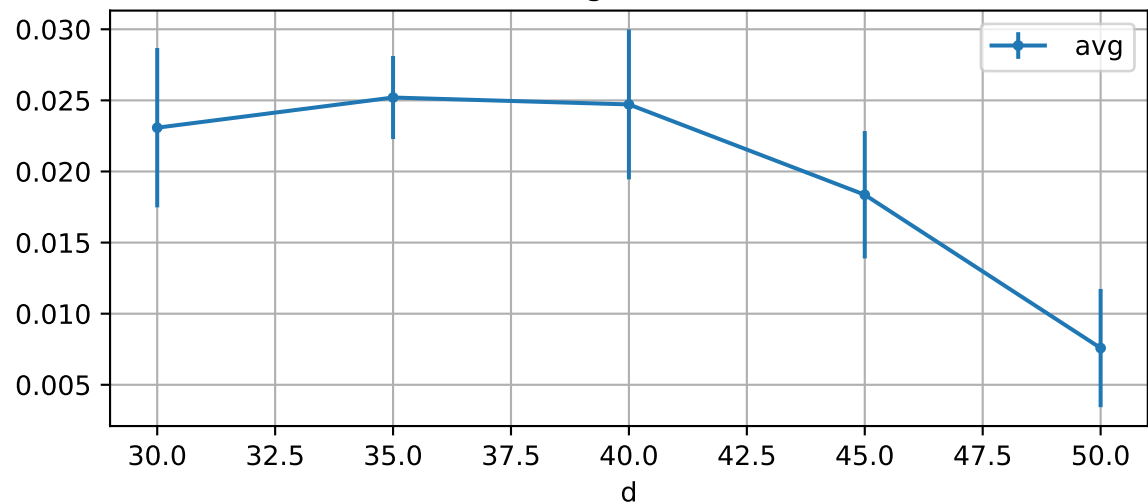


LfA: avg vs. d at each age group

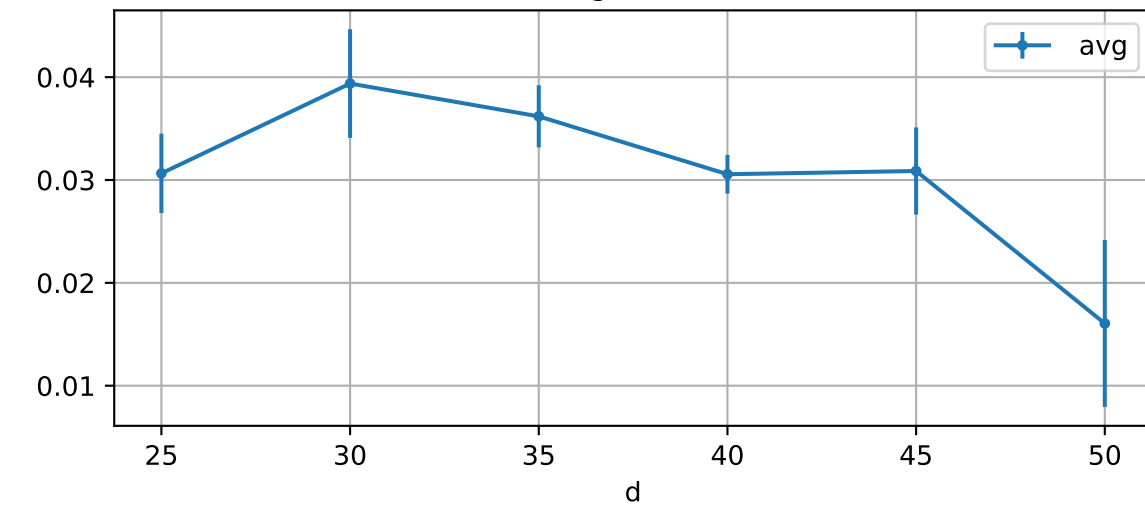
age=15



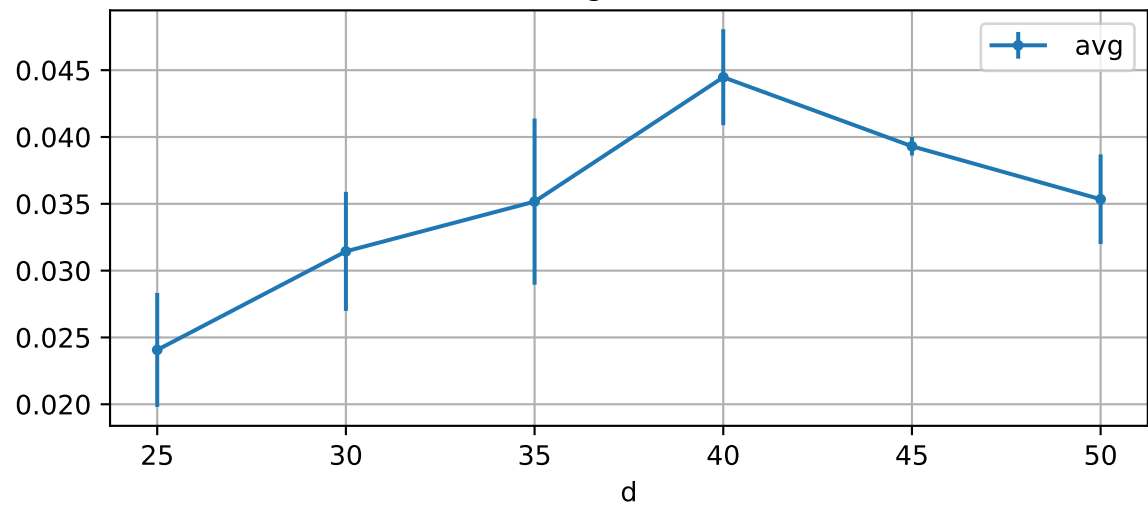
age=20



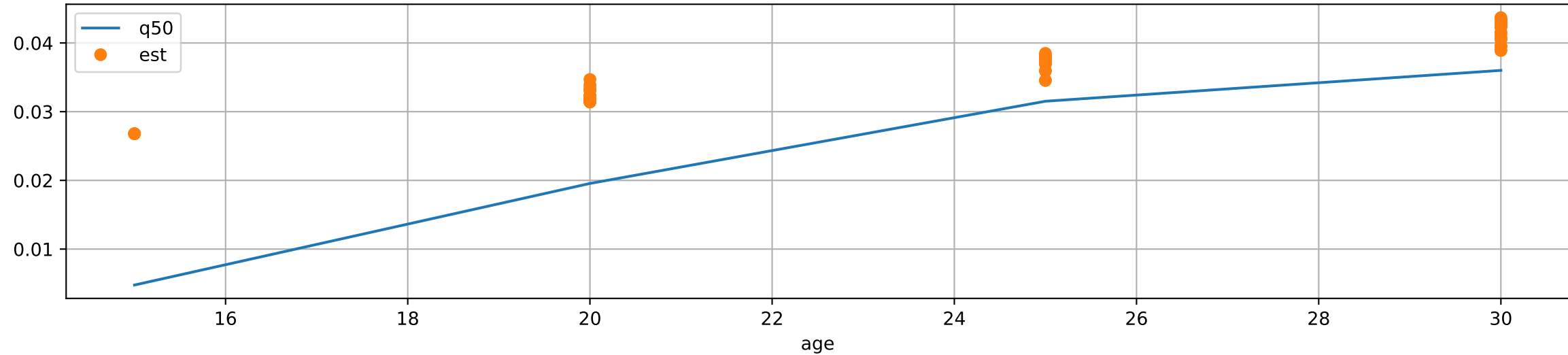
age=25



age=30

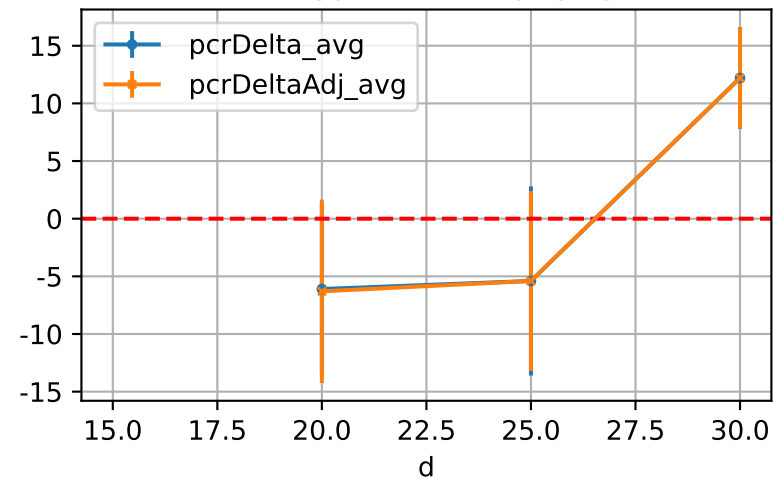


LfA: model est vs obsOv@Q50

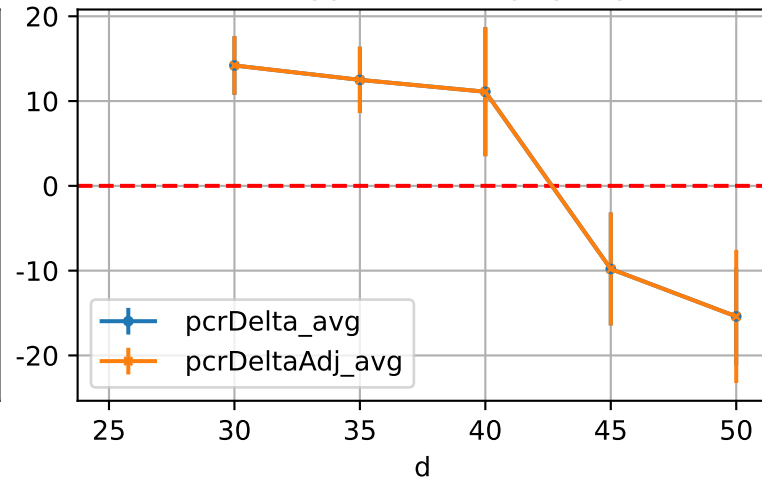


P3-2 LfA: D_5d_LfA

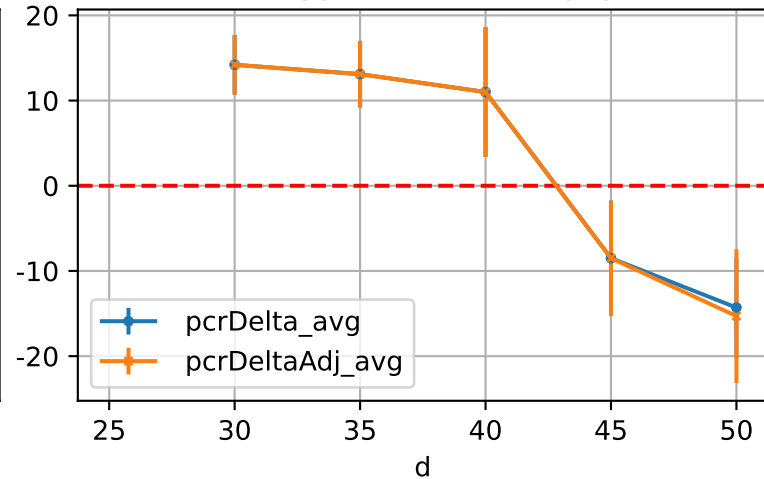
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

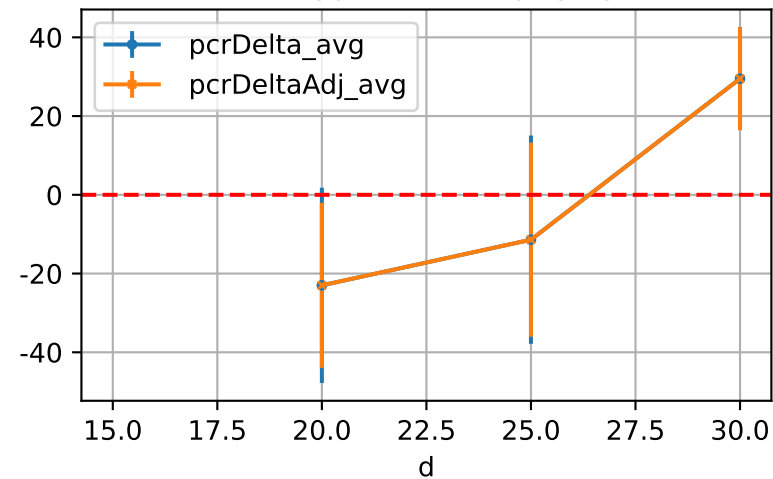


DeltaTypeAbbr=WeiAvgByD

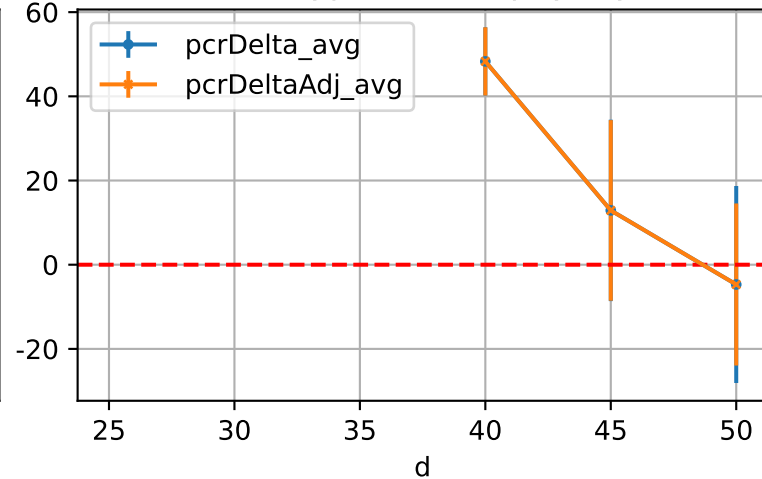


P3-2 LfA: D_15d_LfA

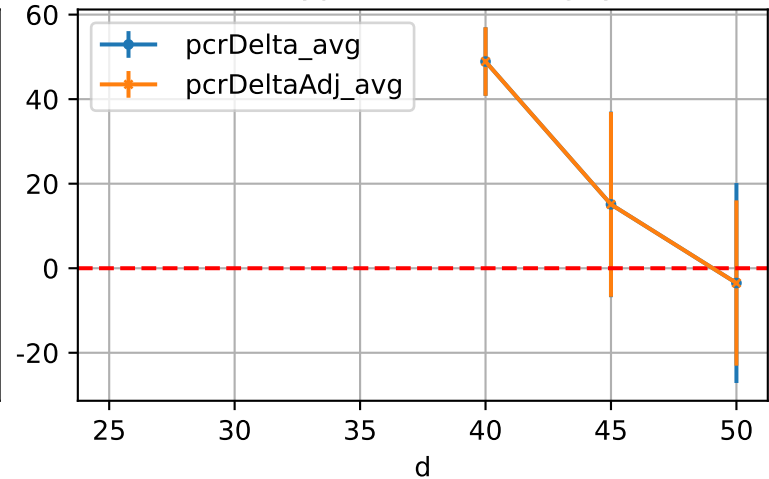
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

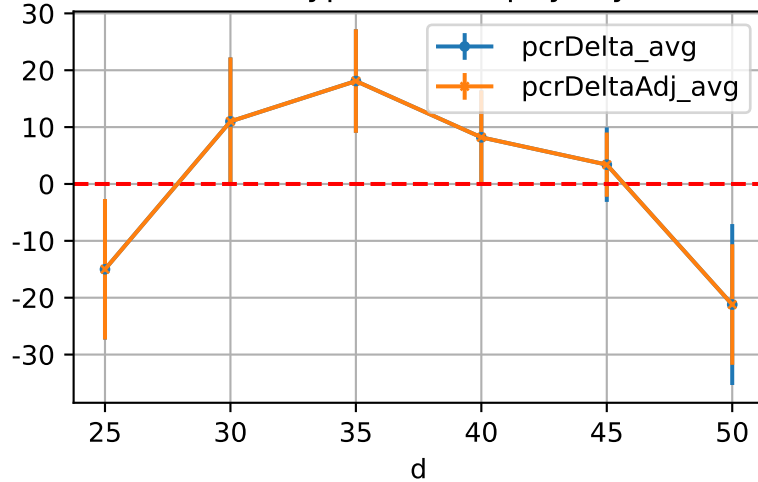


DeltaTypeAbbr=WeiAvgByD

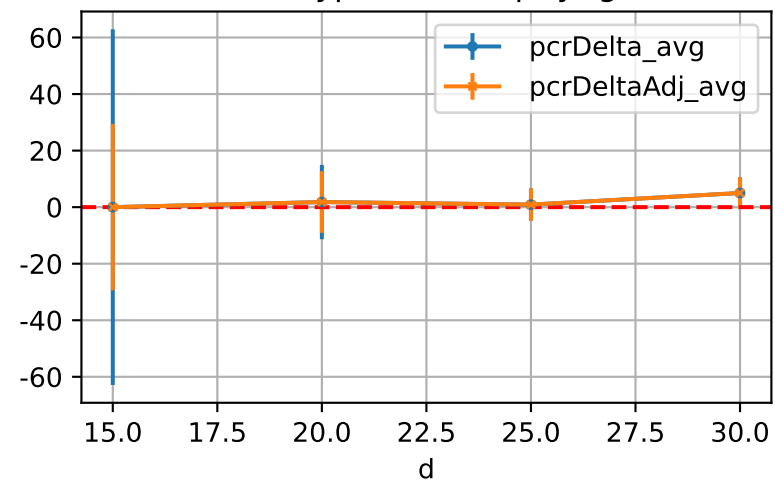


P3-2 LfA: D_Q50_LfA

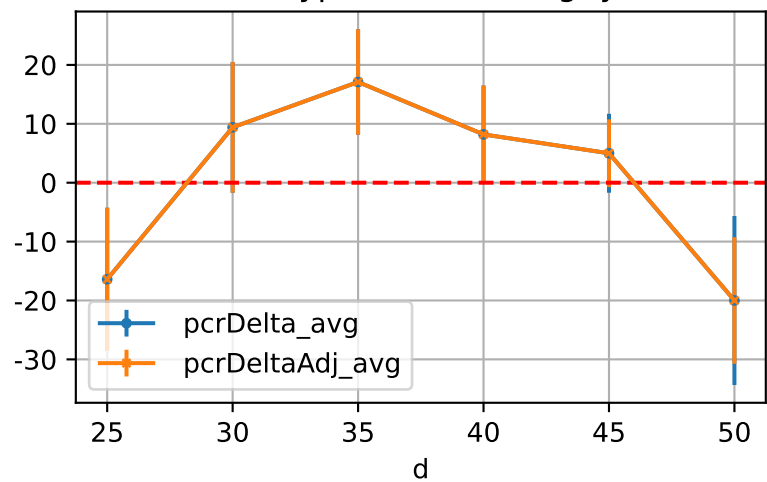
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

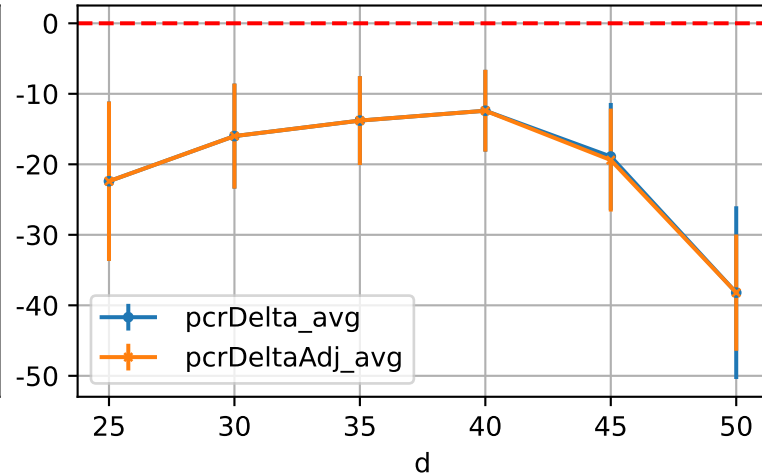


DeltaTypeAbbr=WeiAvgByD

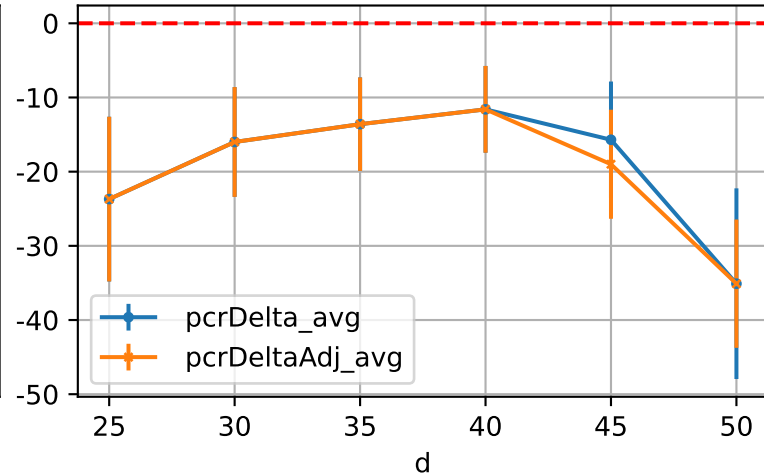


P3-2 LfA: D_Est_LfA

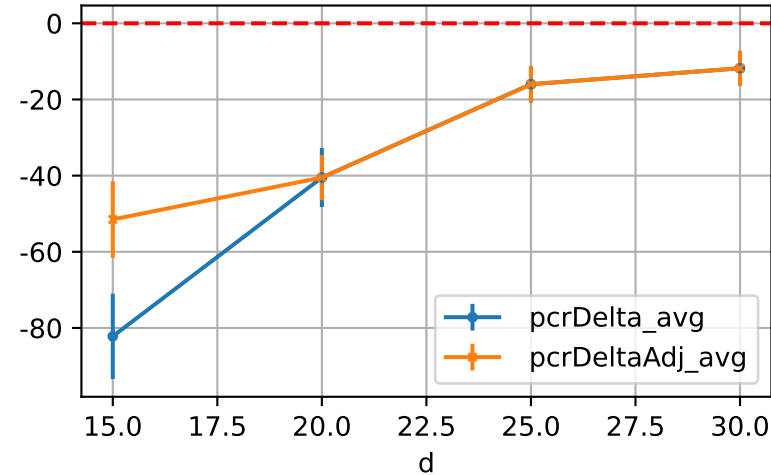
DeltaTypeAbbr=GrpByDay



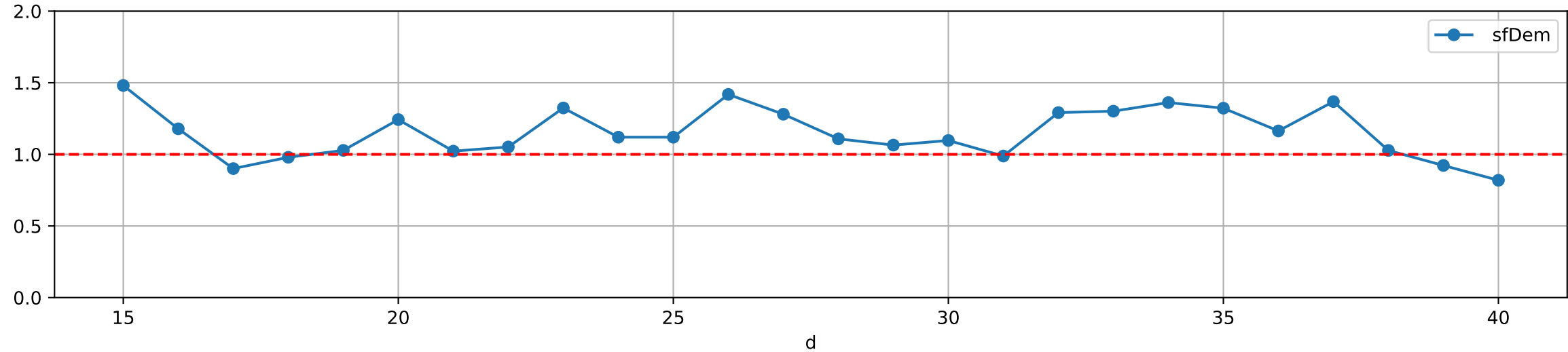
DeltaTypeAbbr=WeiAvgByD



DeltaTypeAbbr=GrpByAge



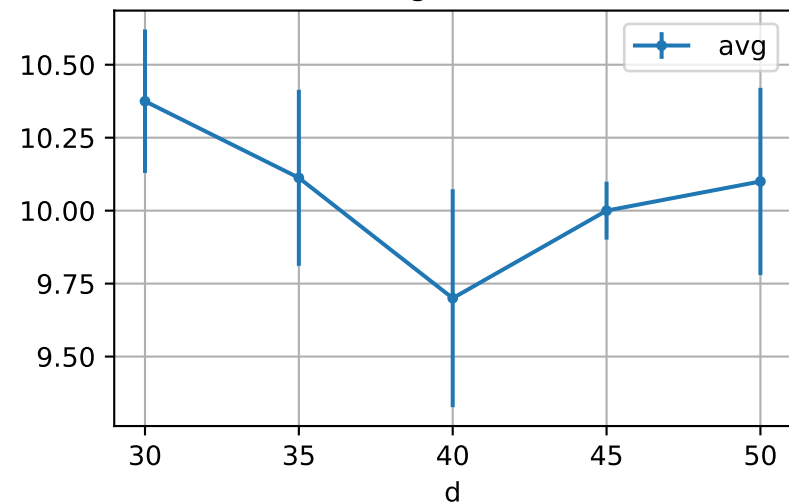
LfA: sfDem



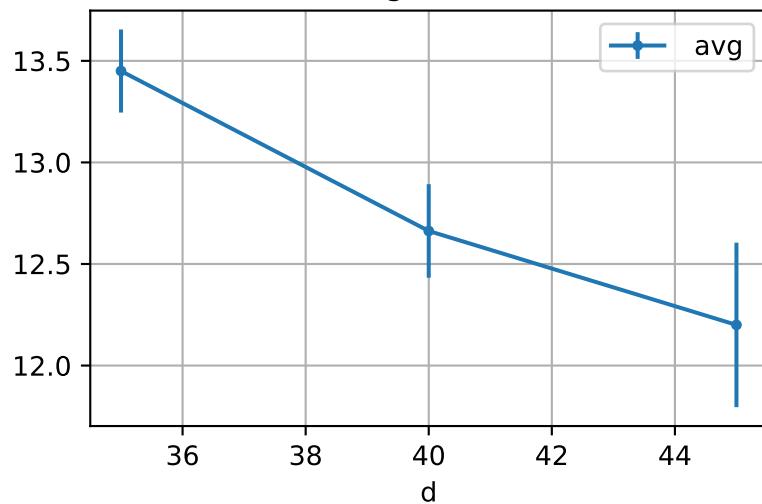


NdD: avg vs. d at each age group

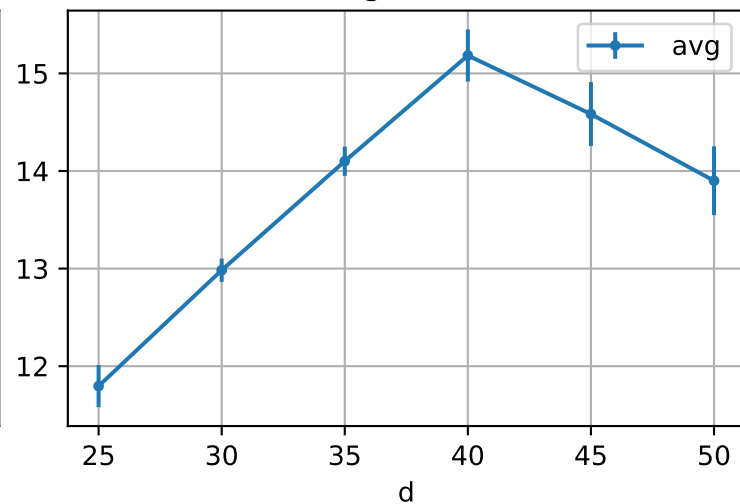
age=15



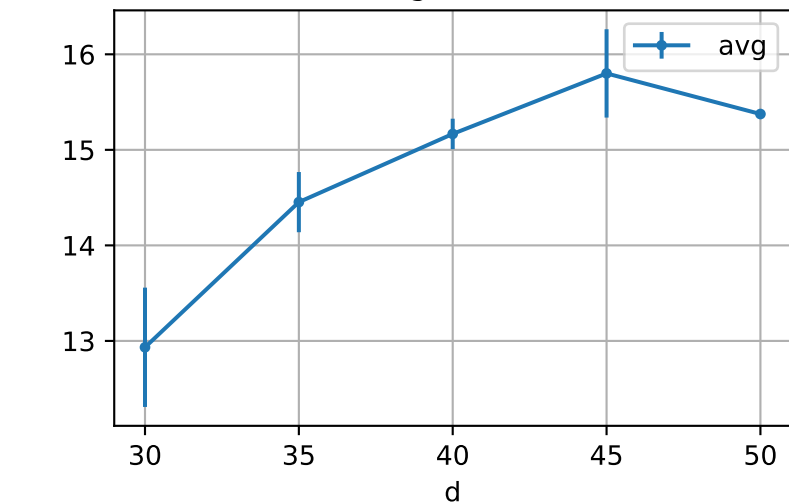
age=20



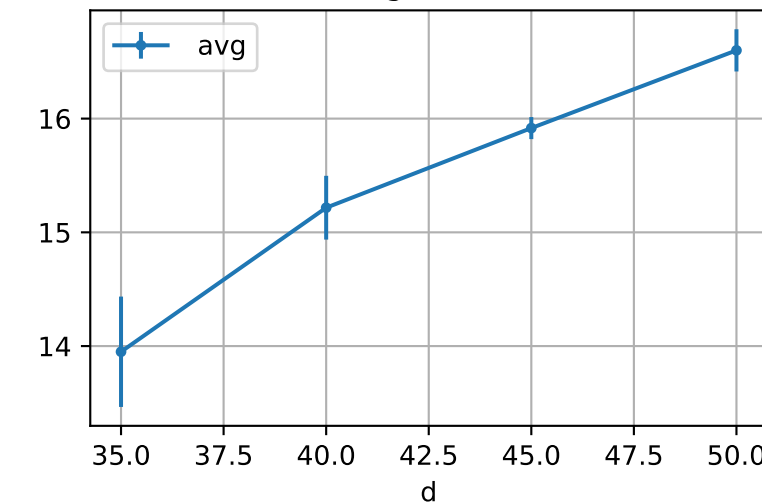
age=25



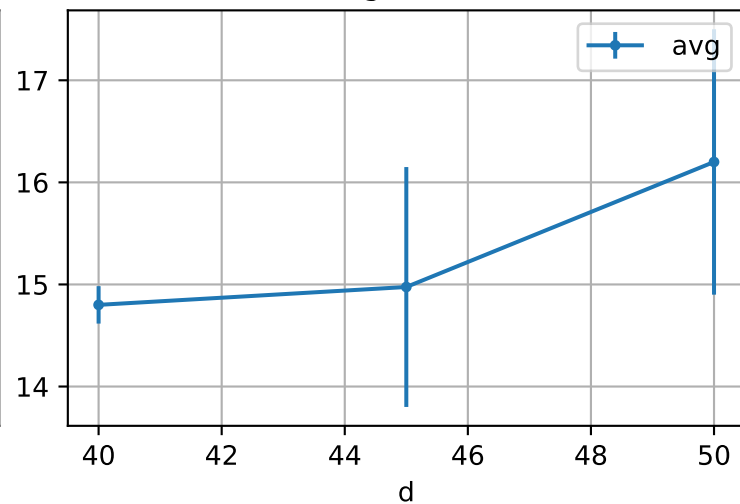
age=30



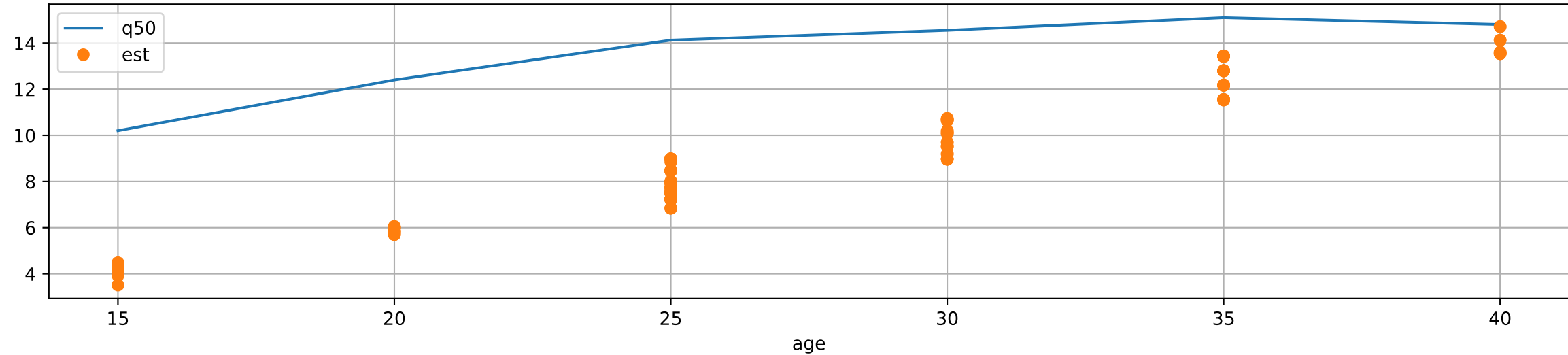
age=35



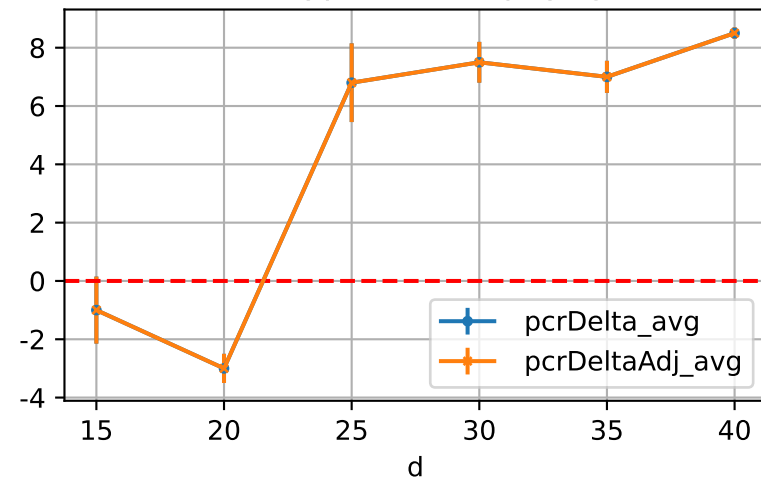
age=40



NdD: model est vs obsOv@Q50

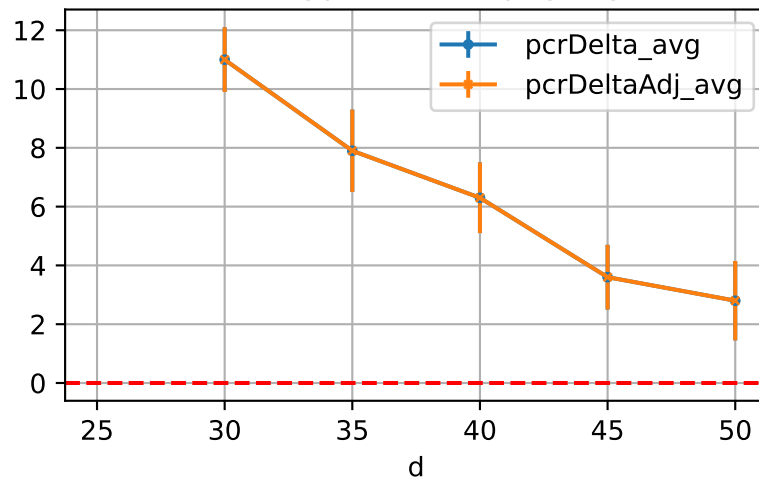


DeltaTypeAbbr=GrpByAge

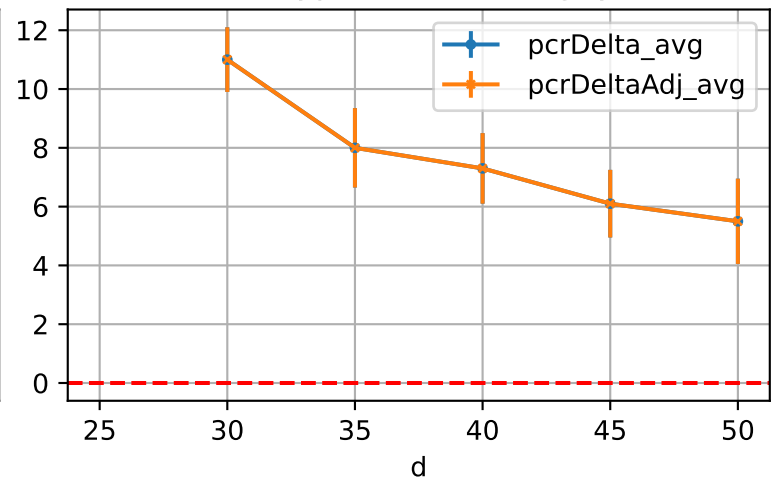


P3-2 NdD: D_5d_NdD

DeltaTypeAbbr=GrpByDay

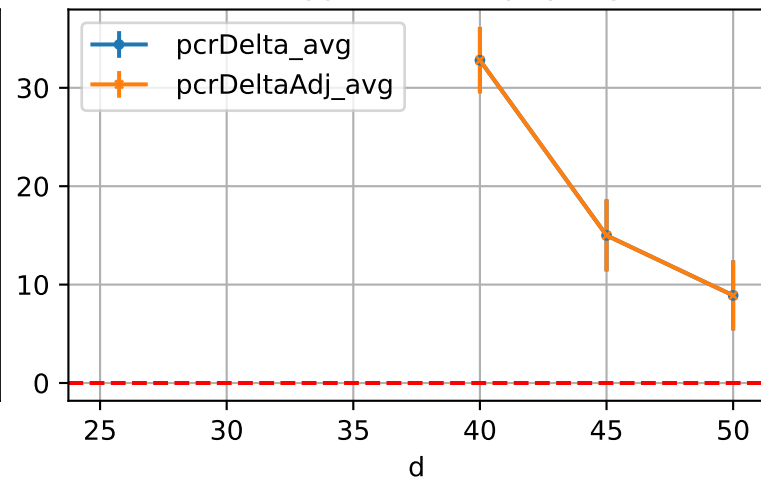


DeltaTypeAbbr=WeiAvgByD

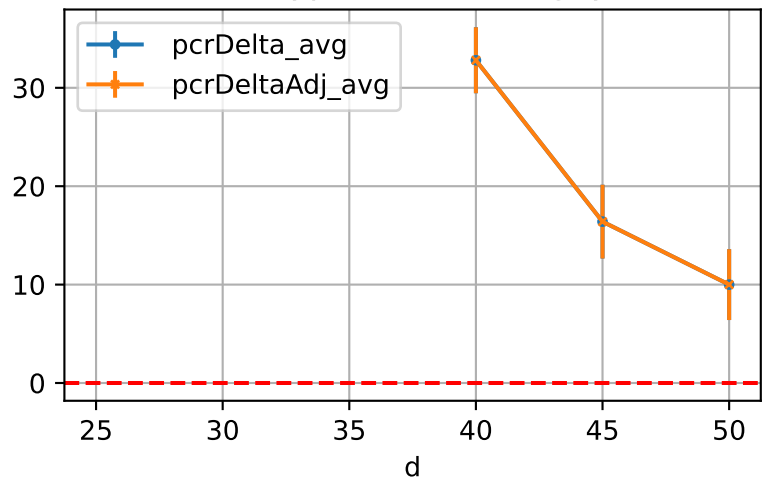


P3-2 NdD: D_15d_NdD

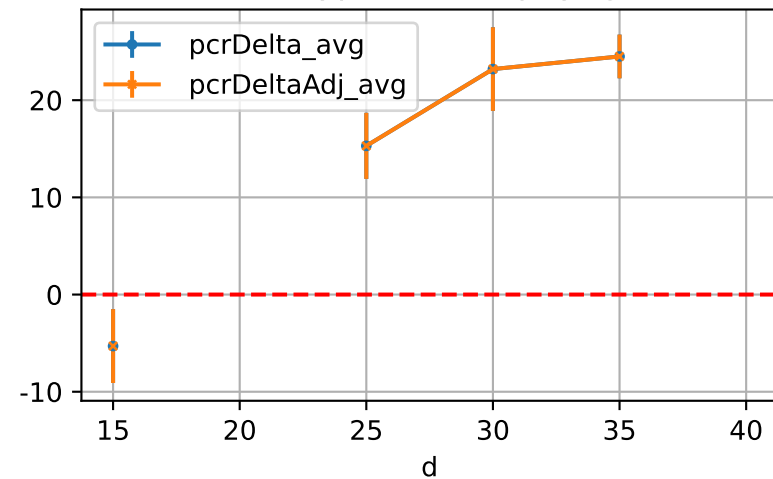
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

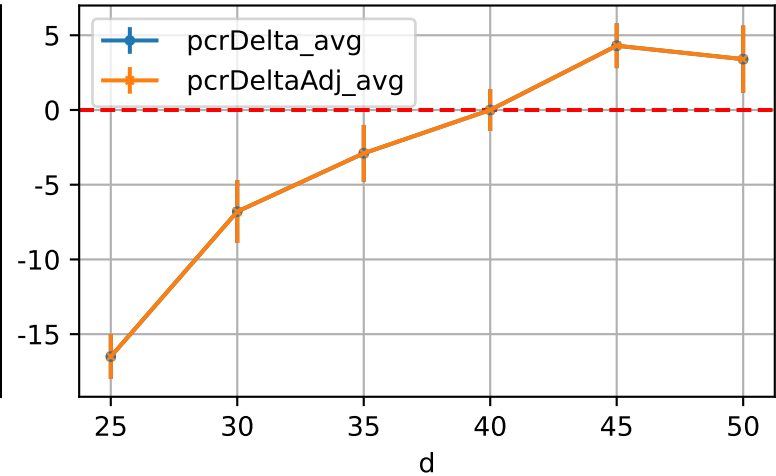
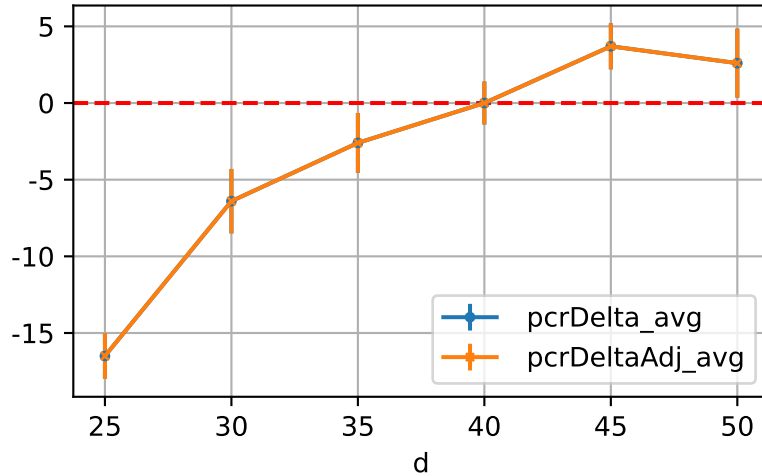
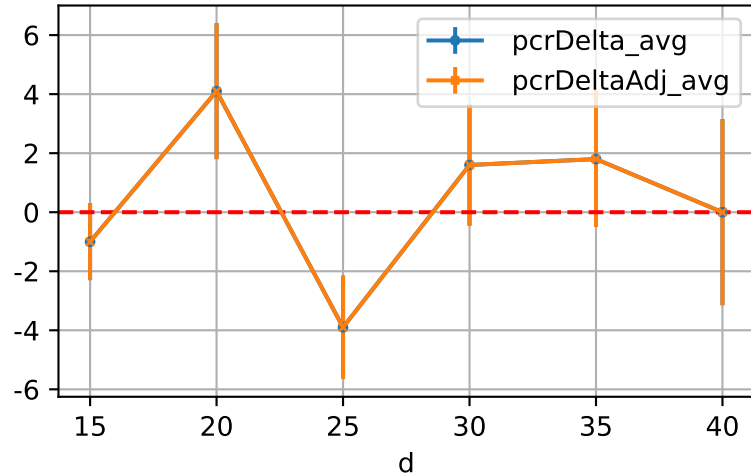


DeltaTypeAbbr=GrpByAge



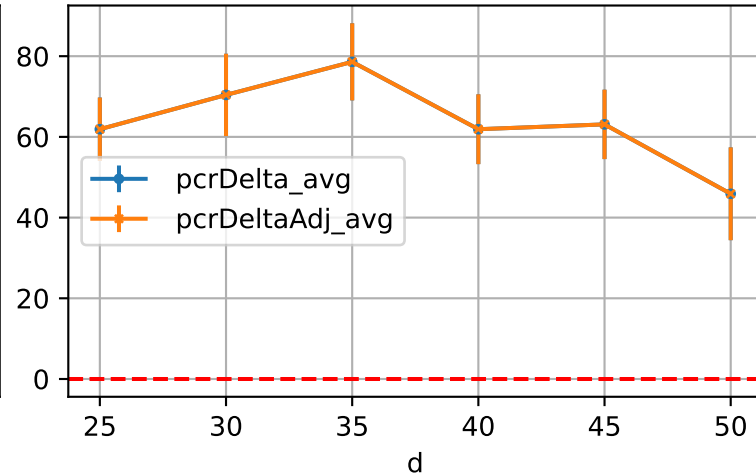
P3-2 NdD: D_Q50_NdD

DeltaTypeAbbr=GrpByDay

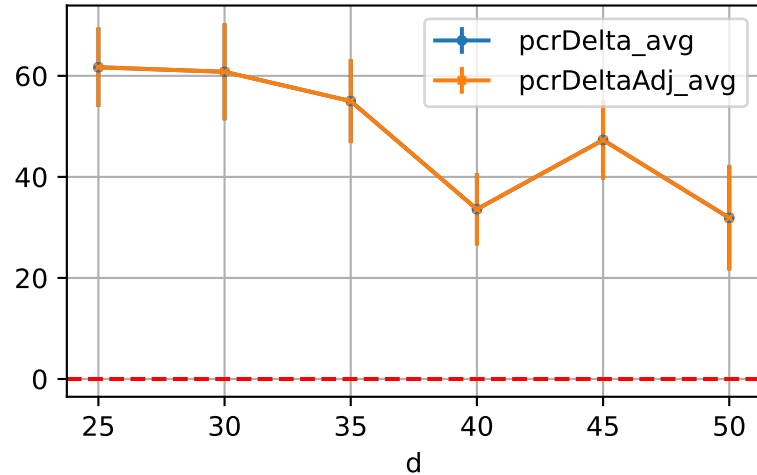


P3-2 NdD: D_Est_NdD

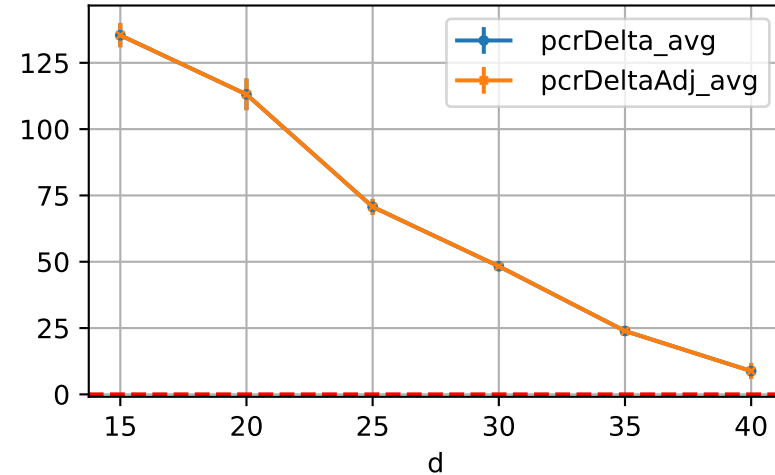
DeltaTypeAbbr=GrpByDay



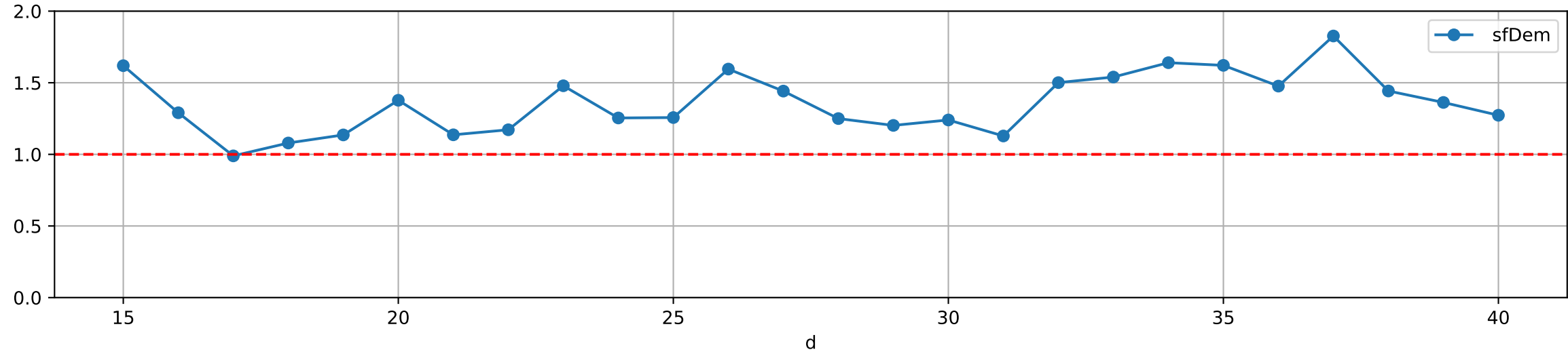
DeltaTypeAbbr=WeiAvgByD



DeltaTypeAbbr=GrpByAge

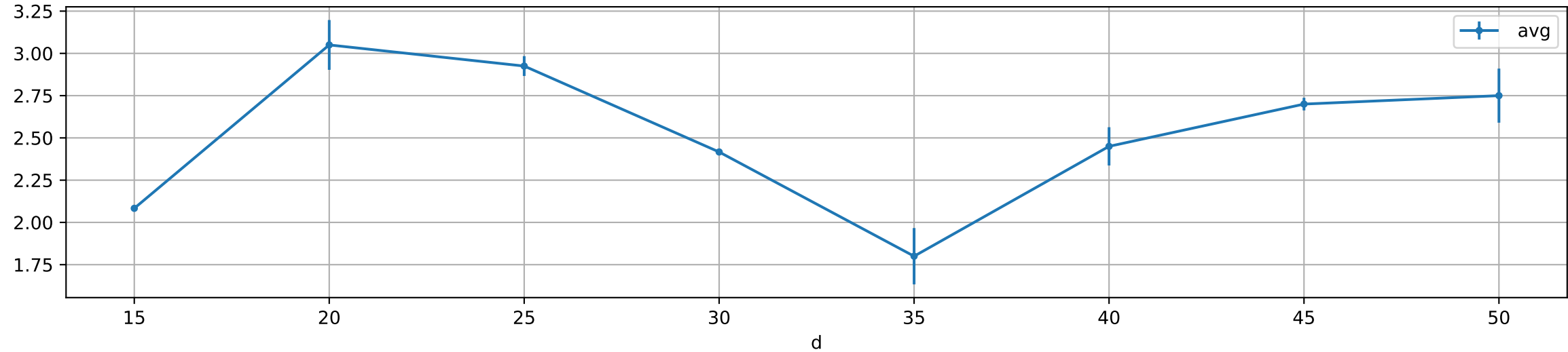


NdD: sfDem

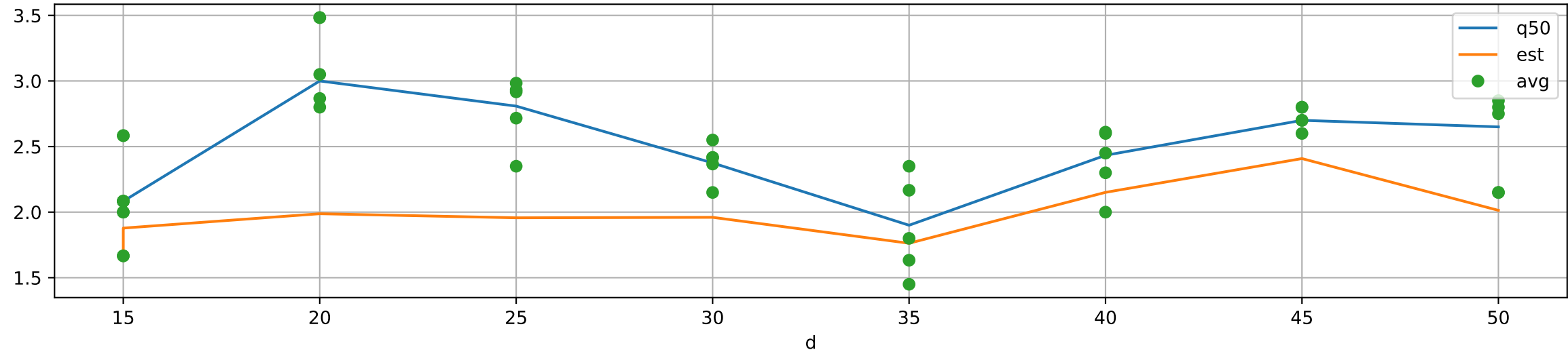




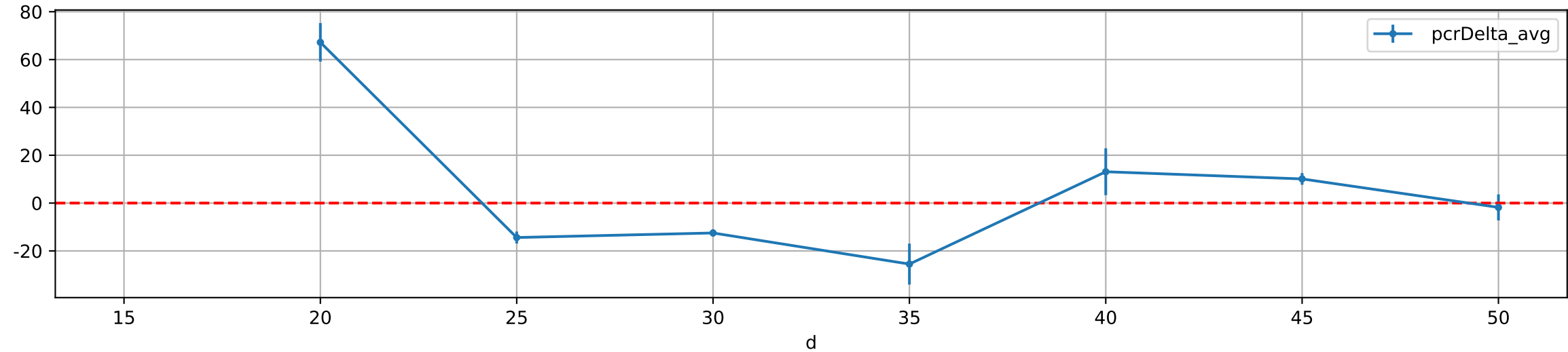
dStH: avg vs. d



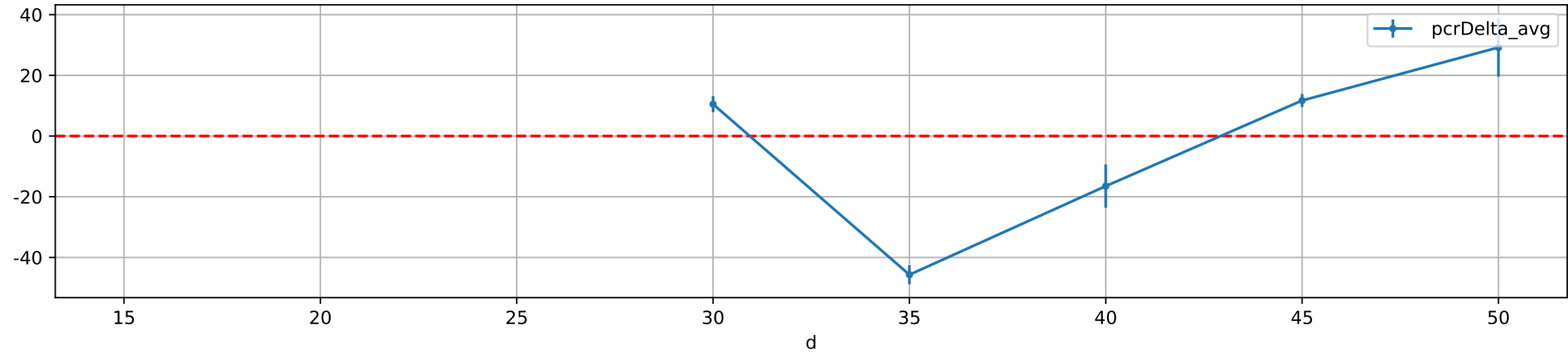
dStH: obsAvg vs obsOv@Q50



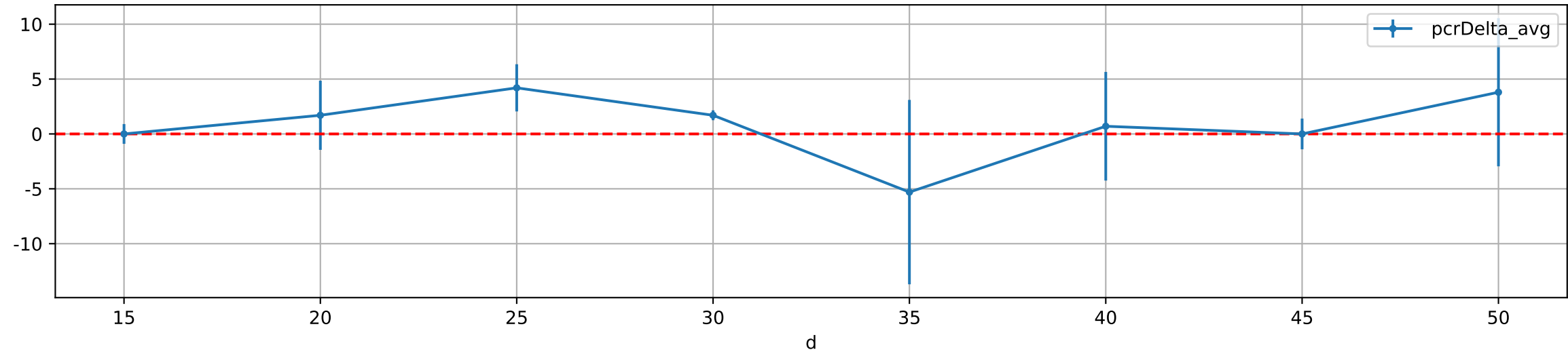
dStH: D_5d_StH



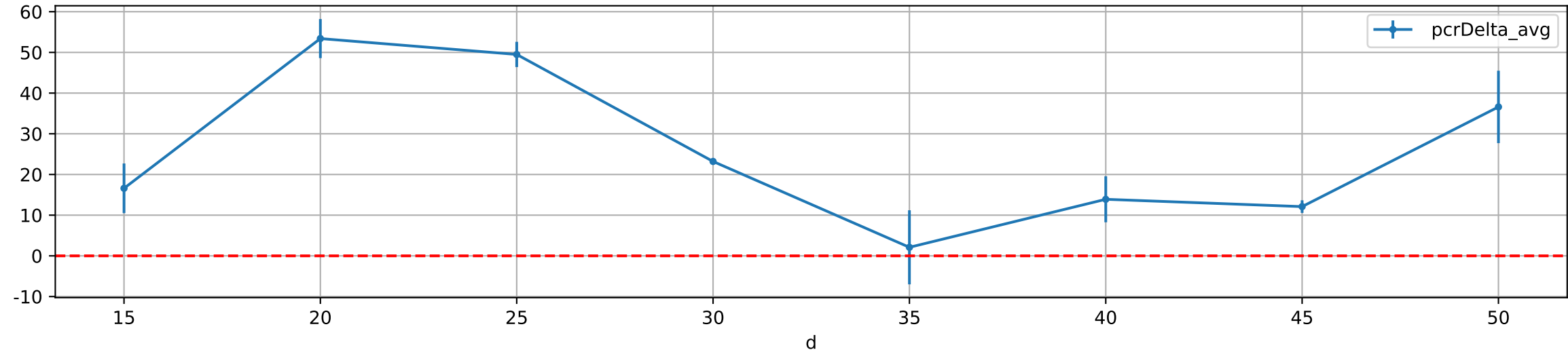
dStH: D_15d_StH



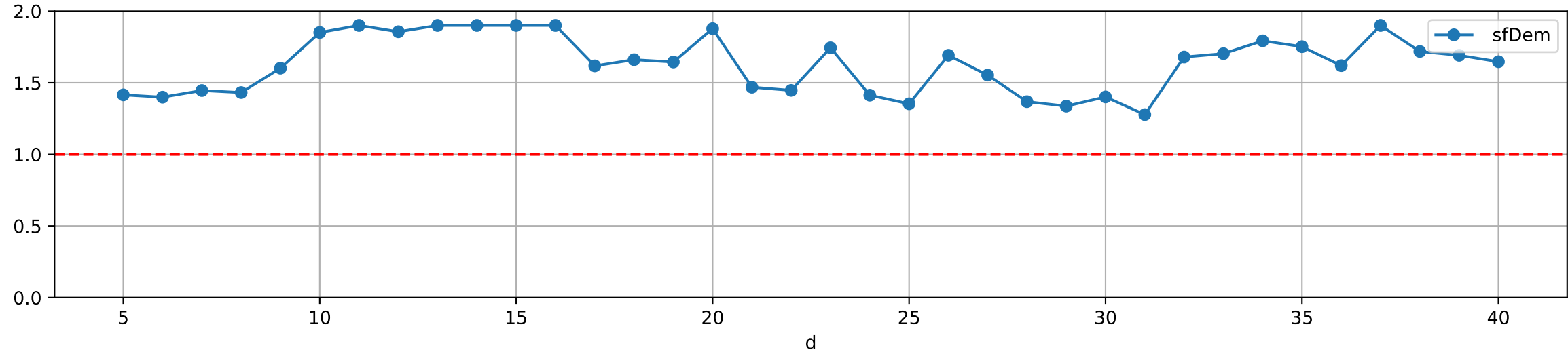
dStH: D_Q50_StH

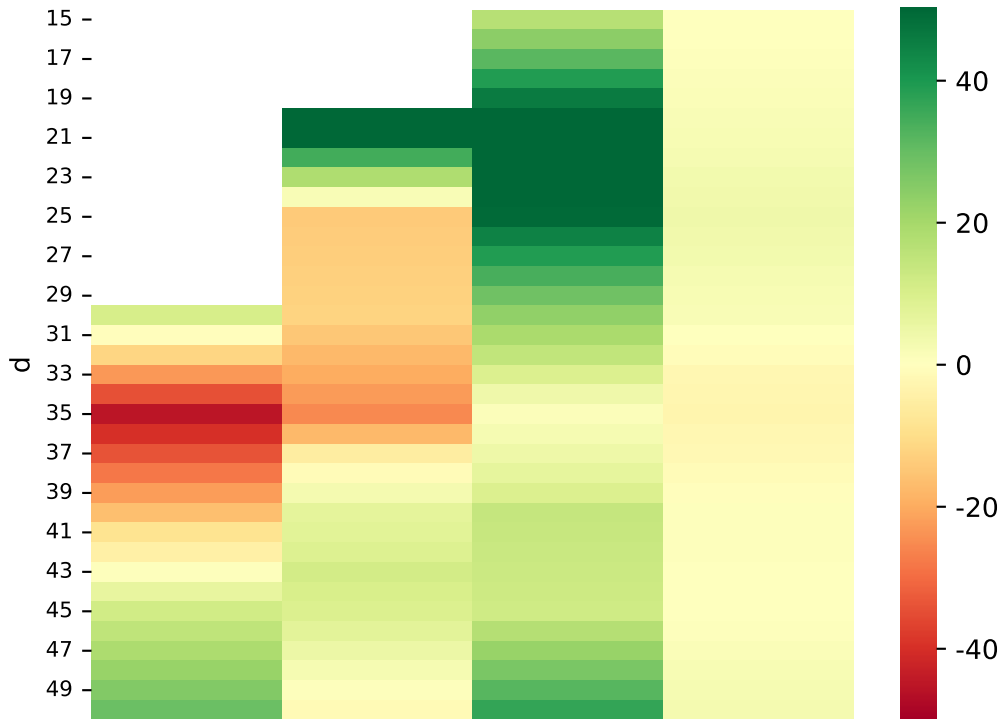


dStH: D_Est_StH



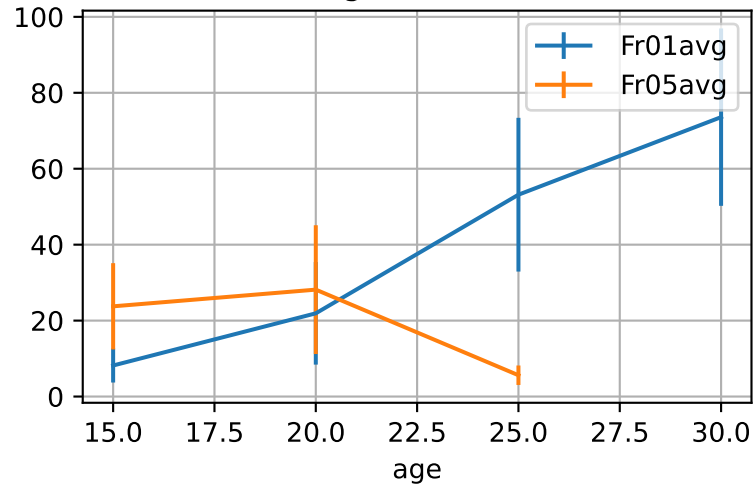
dStH: sfDem



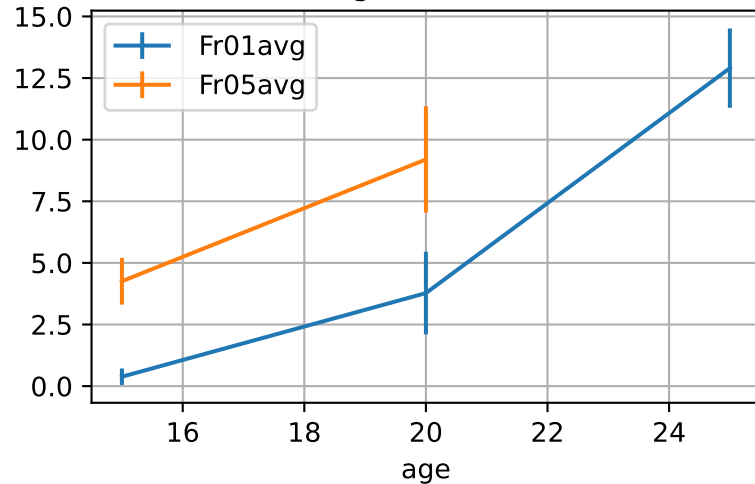


FrV: Fr01 vs Fr05 at each truss

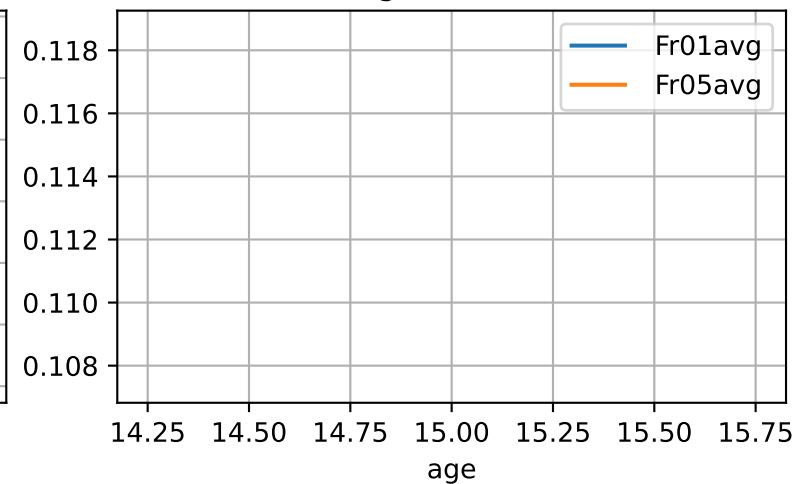
organID=T01



organID=T02

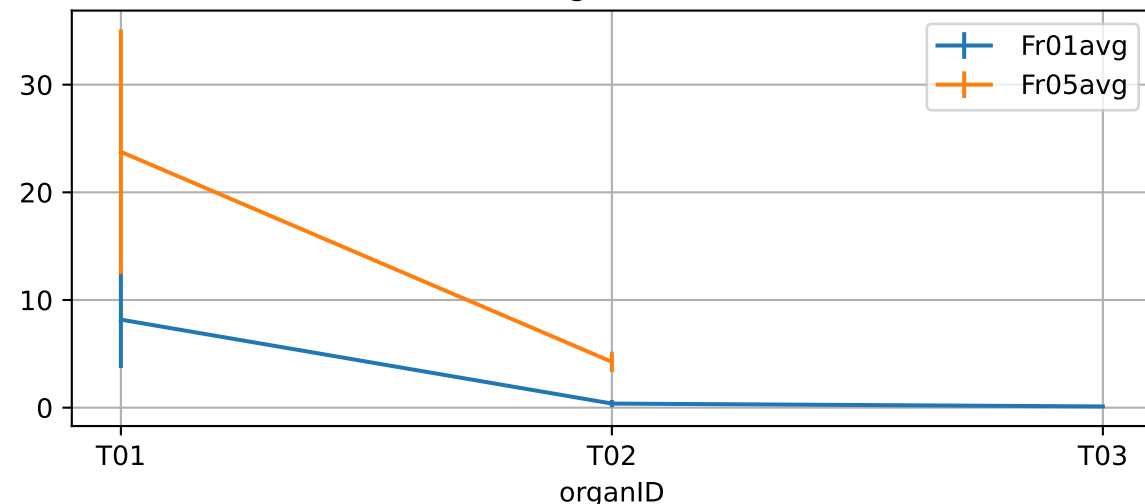


organID=T03

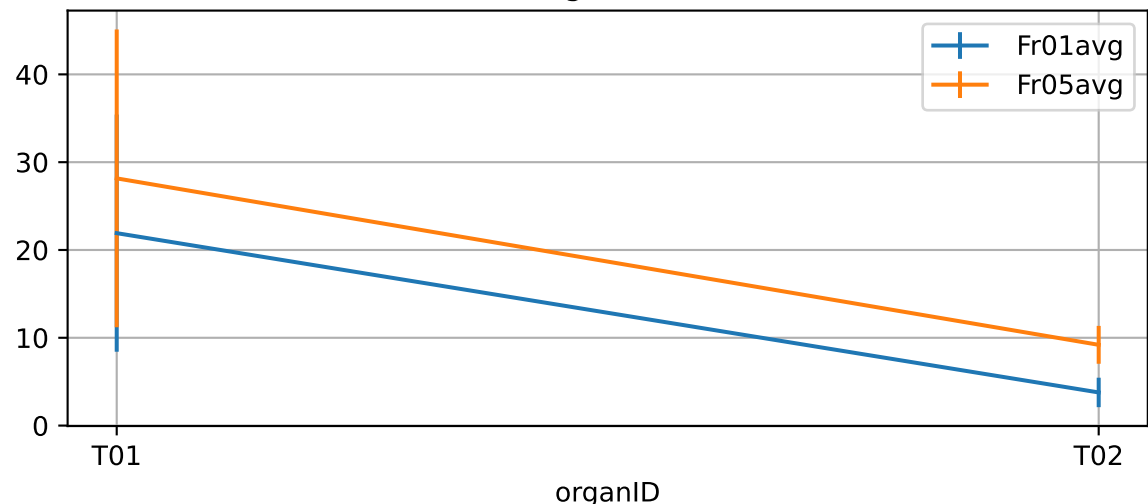


FrV trend at each age

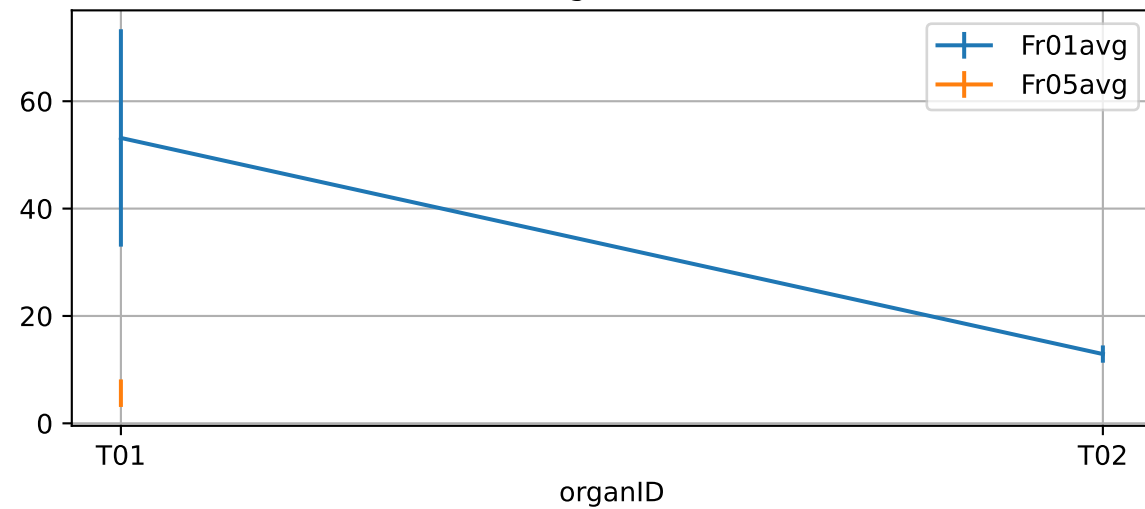
age=15



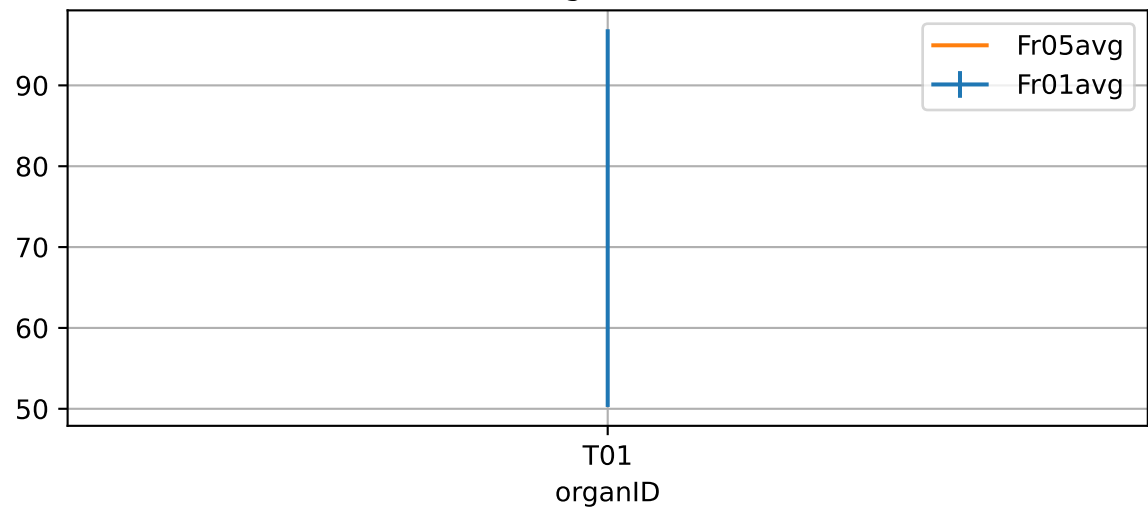
age=20



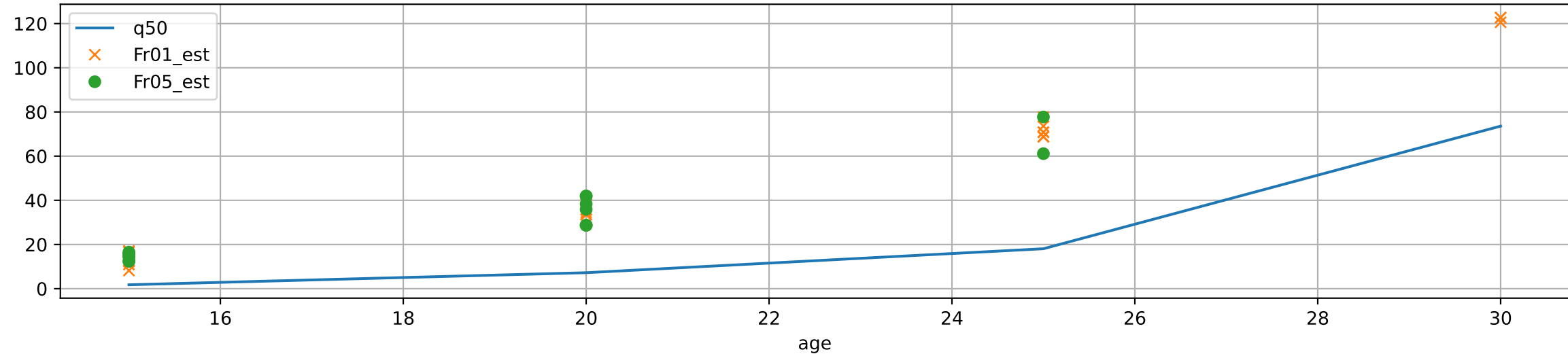
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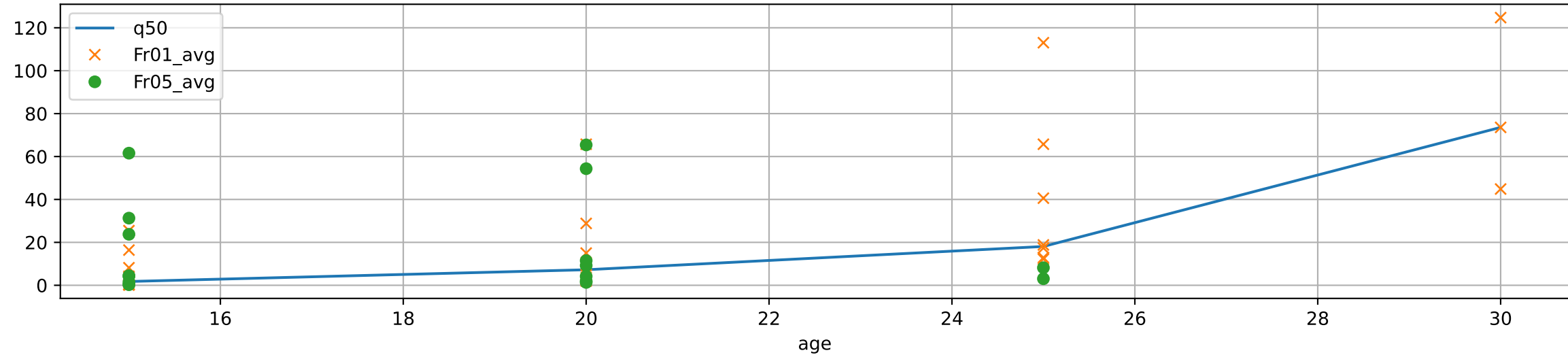
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FrV: model Est vs obsFrV at Q90

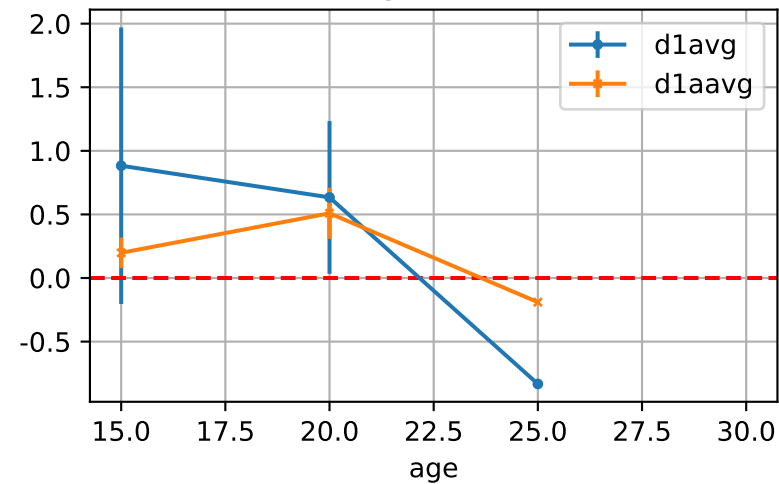


FrV: obsFrV vs obsFrV@Q90

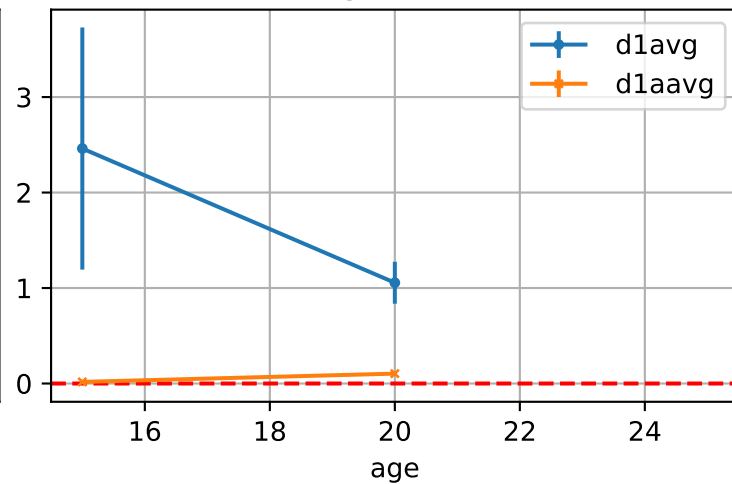


FrV: D_Fr1_FrV

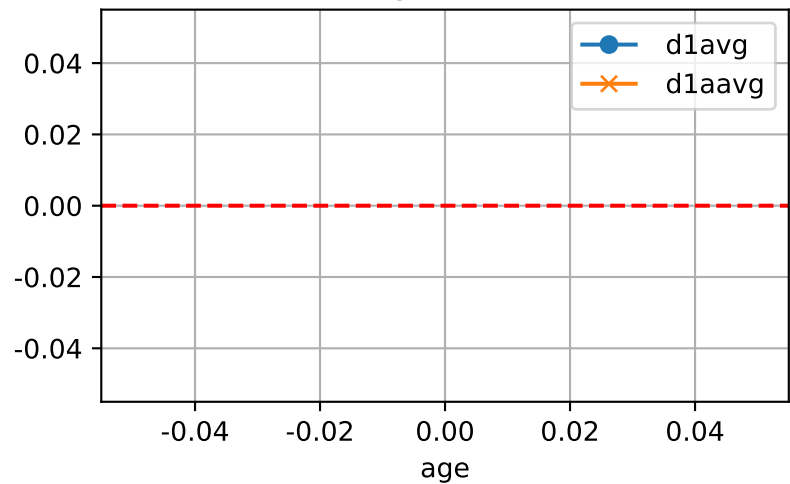
organID=1



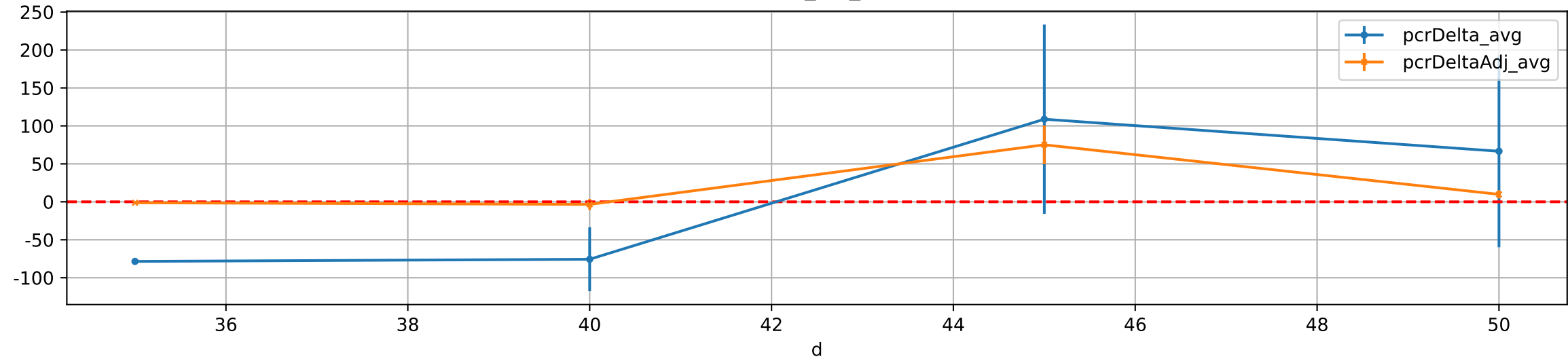
organID=2



organID=3

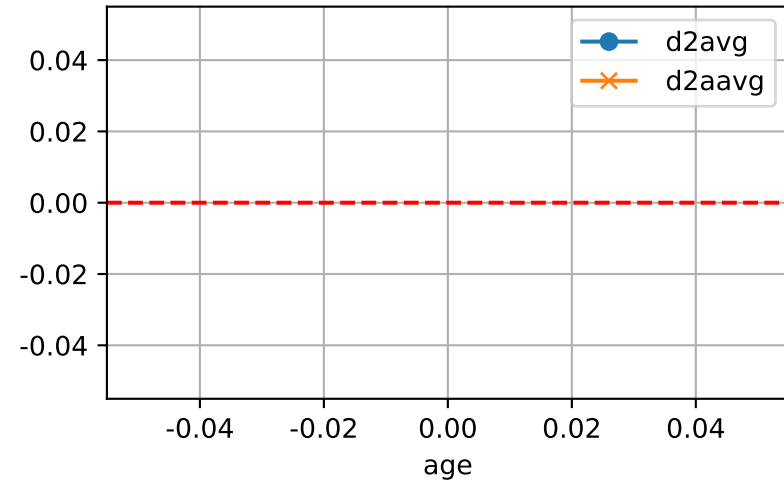


P3-2 FrV: D_Fr1_FrV

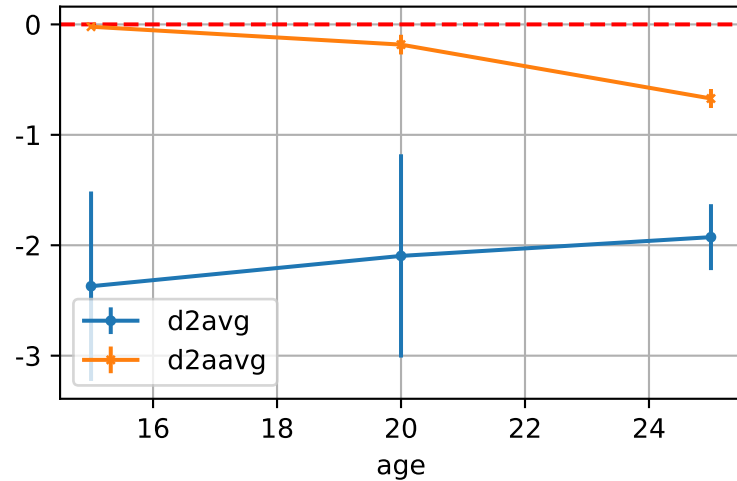


FrV: D_Ts_FrV

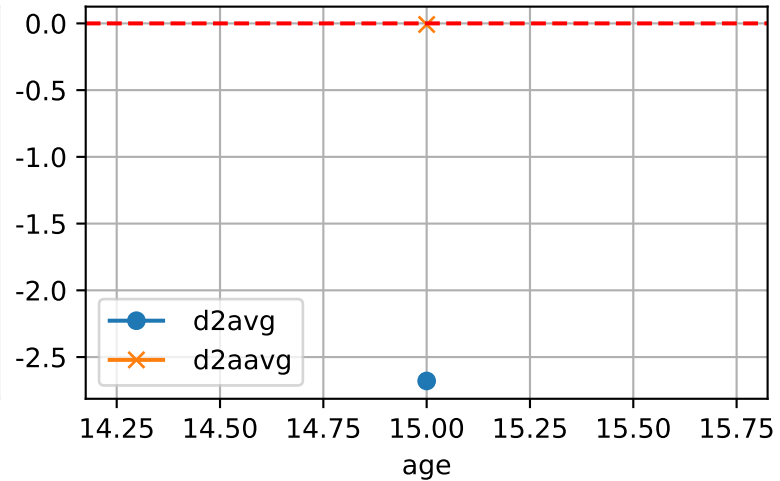
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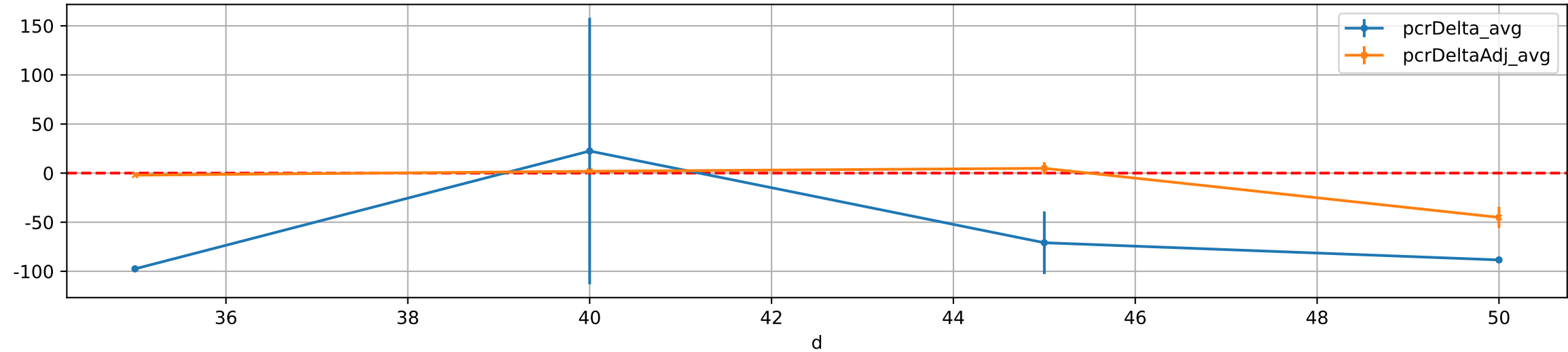
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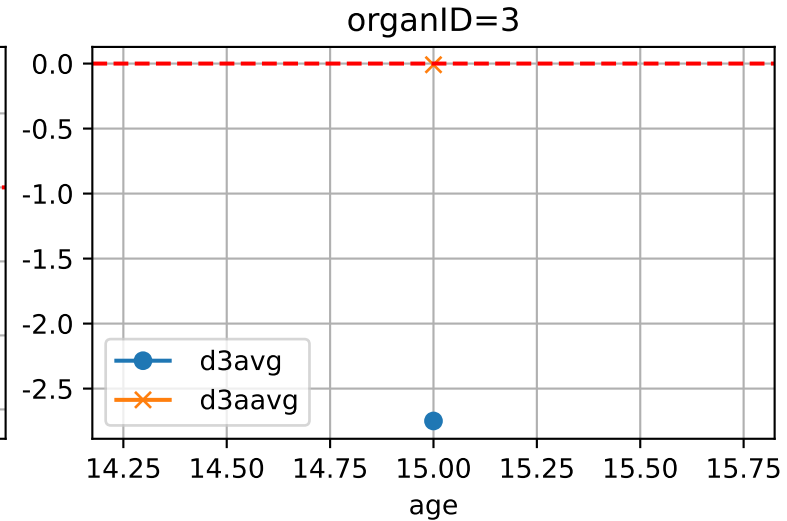
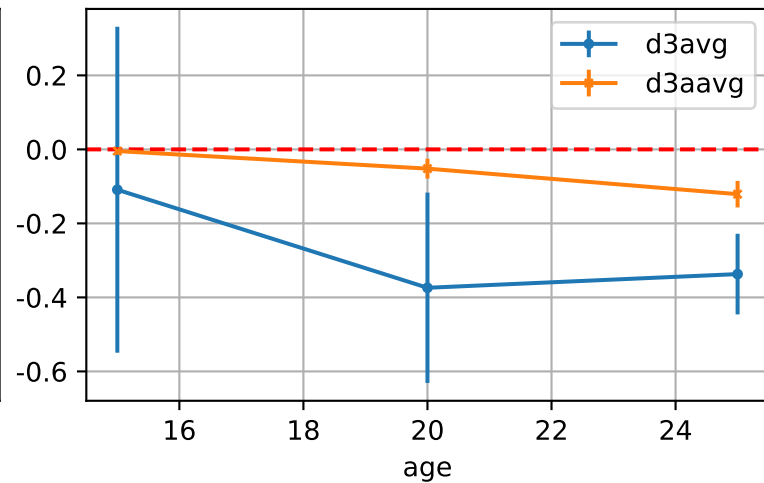
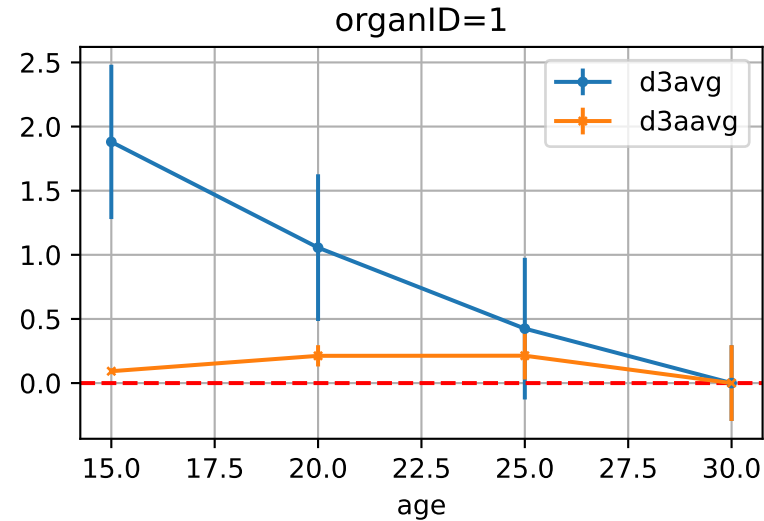
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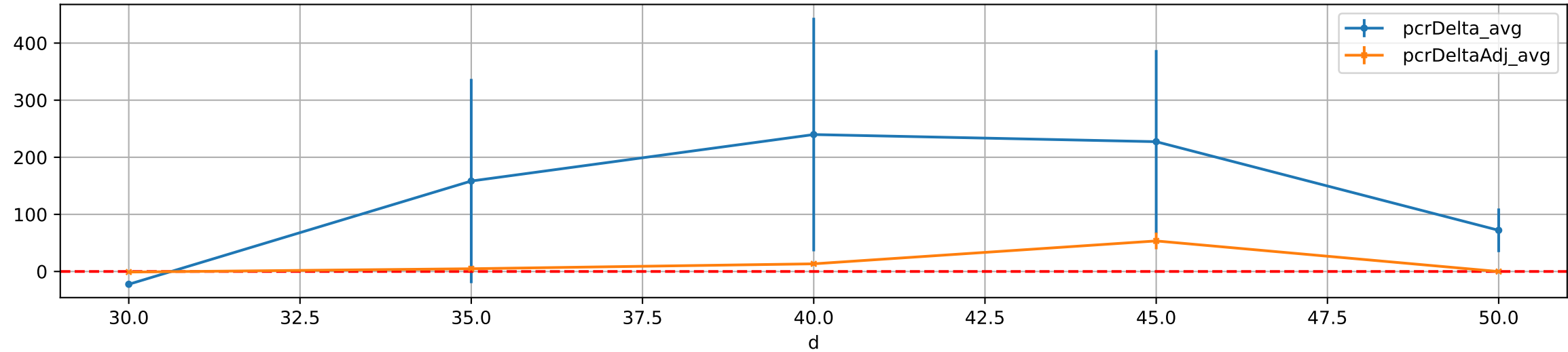
P3-2 FrV: D_Ts_FrV



FrV: D_Q50_FrV
organID=2

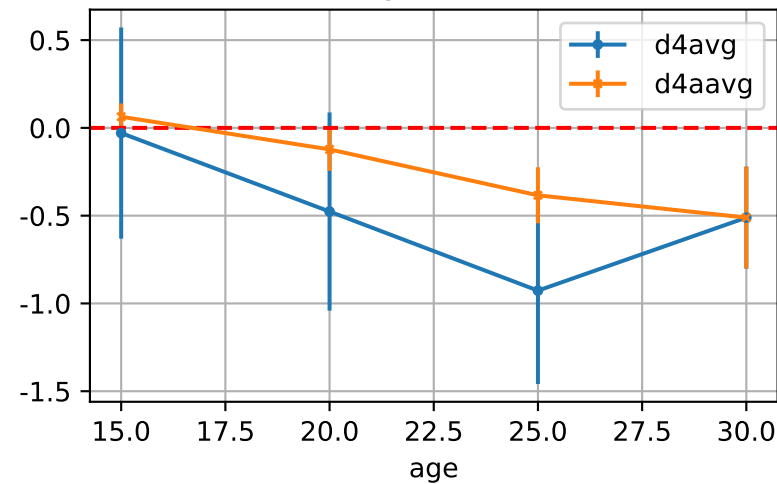


P3-2 FrV: D_Q50_FrV

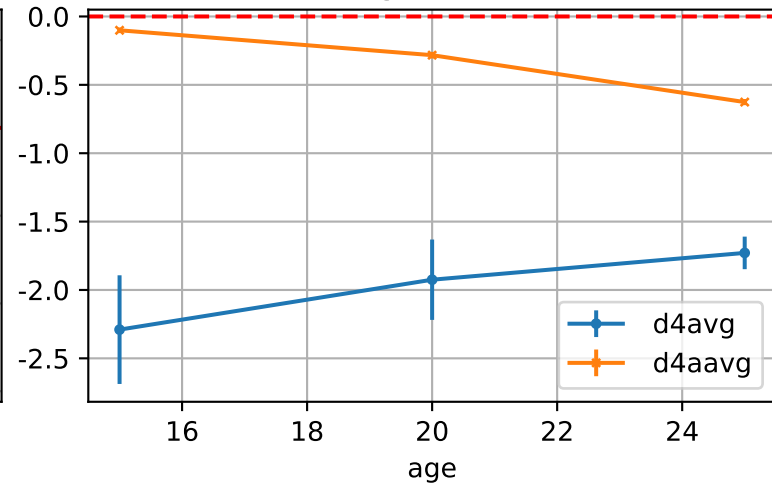


FrV: D_Est_FrV

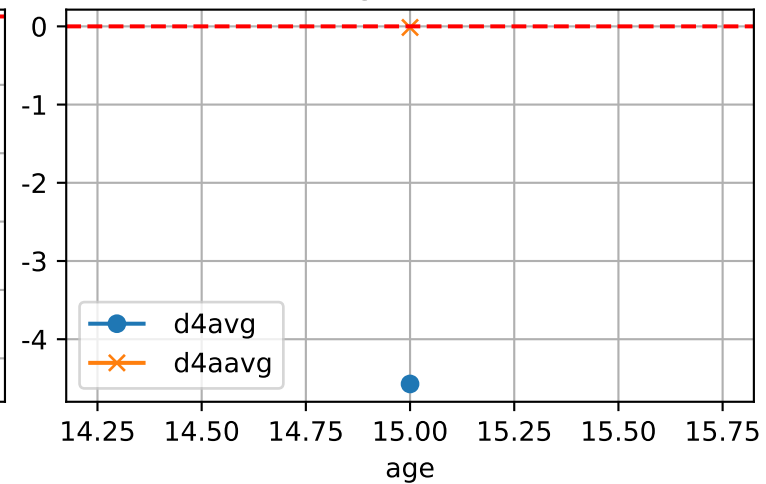
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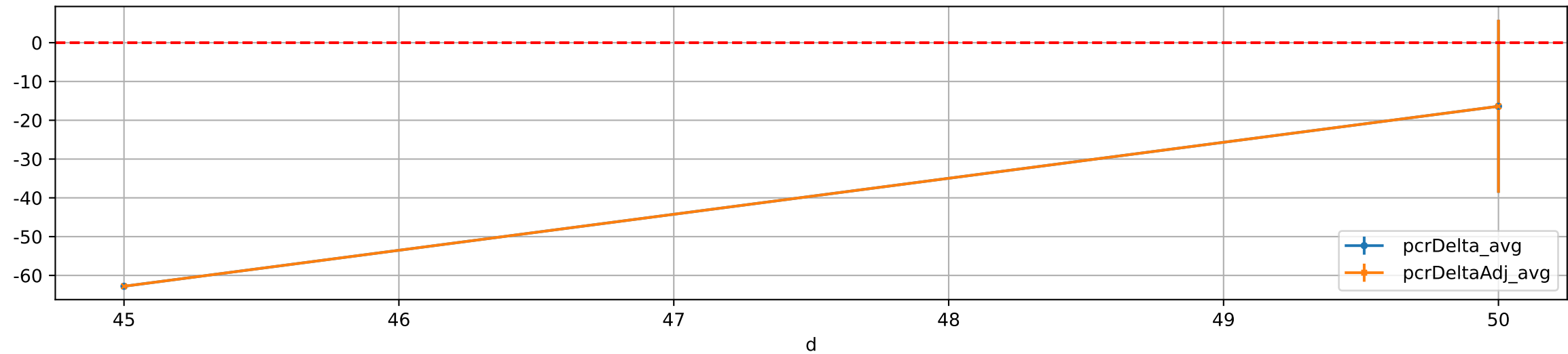
organID=2



organID=3



P3-2 FrV: D_Est_FrV



P3-2 FrV: sfDem

