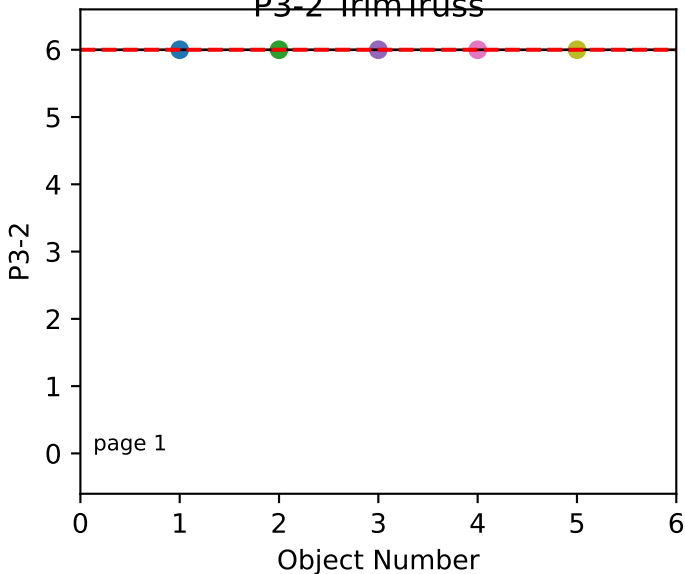


Phenotype Data Analysis Plots
PhenoData day range = 12 - 65
Analysis cutoff day = 65
NC11 P3-2
2025-06-03 (Day 66)

TrussNodeMaxPerStem (Def=6.0 Set=6)

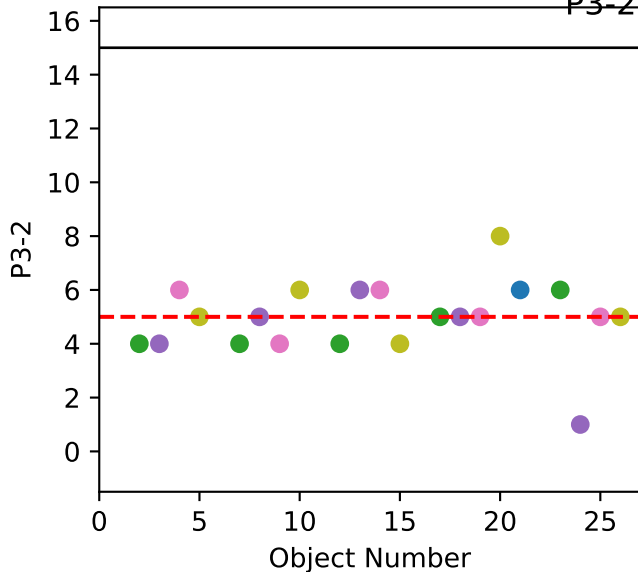
avg1=6.0~0% avg2=na

p3-2 TrimTruss



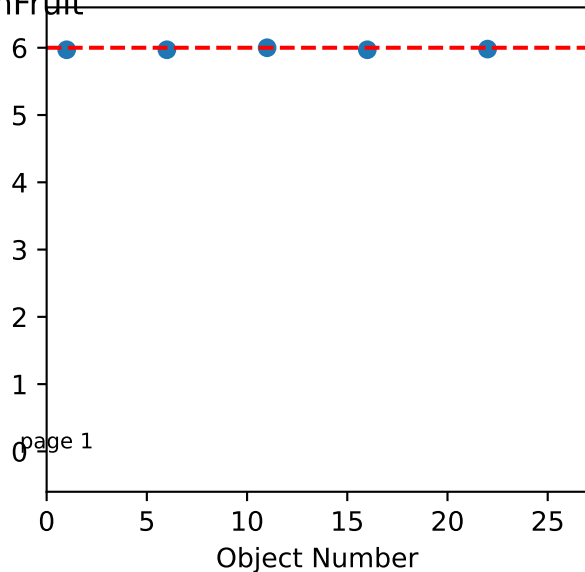
FruitNumAvgPerTruss (Def=15 Set=5)
avg1=5.0~27% avg2=na

P3-2

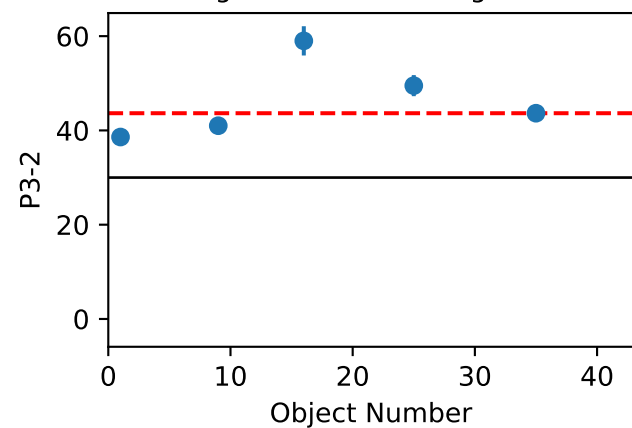


FruitNumMaxPerTruss (Def=na Set=6)
avg1=6.0~0% avg2=na

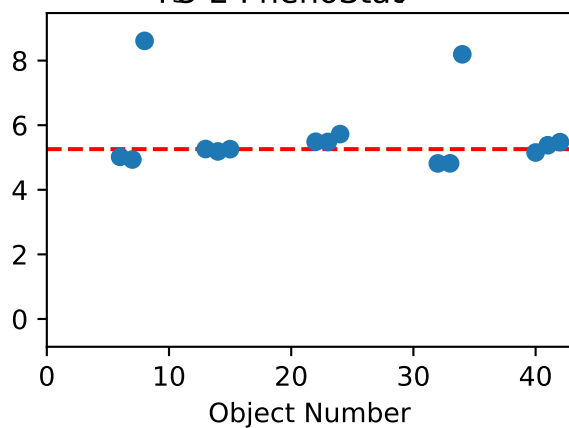
TrimFruit



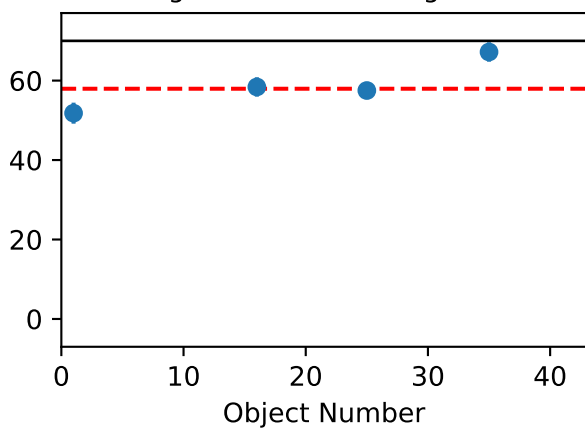
LfW_Q90AbsY (Def=30 Set=43.65)
avg1=43.65~19% avg2=na



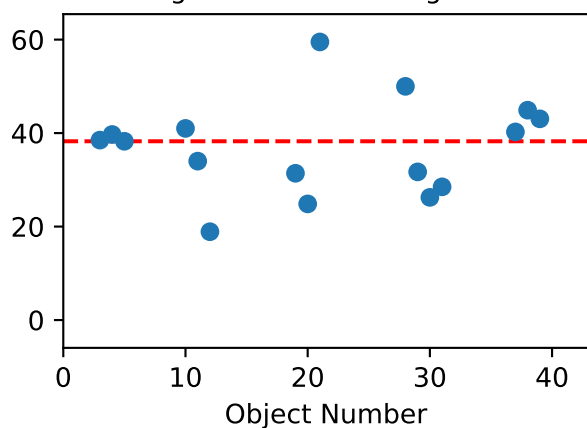
NdL_avgAbsY (Def=na Set=5.26)
avg1=5.26~58% avg2=na



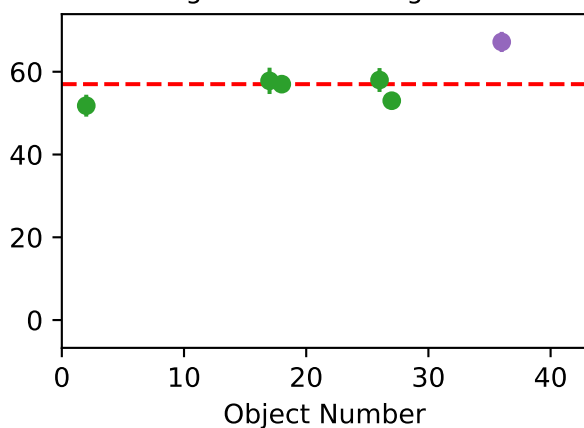
FrD_Q90AbsY (Def=70 Set=57.95)
avg1=57.95~11% avg2=na



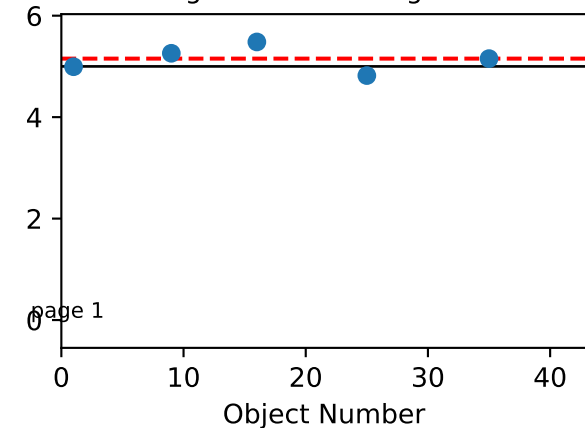
LfW_avgAbsY (Def=na Set=38.25)
avg1=38.25~22% avg2=na



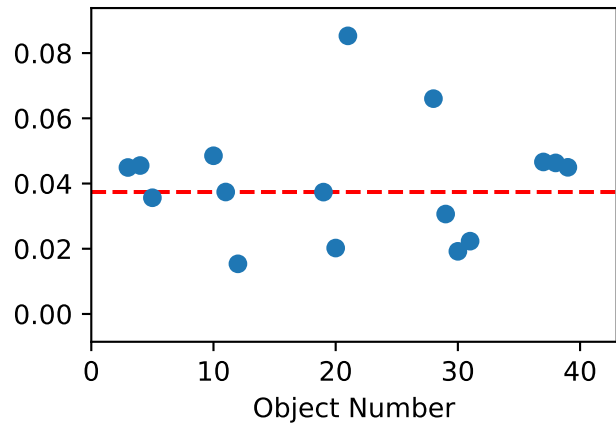
FrD_avgAbsY (Def=na Set=57.0)
avg1=57.0~5% avg2=na



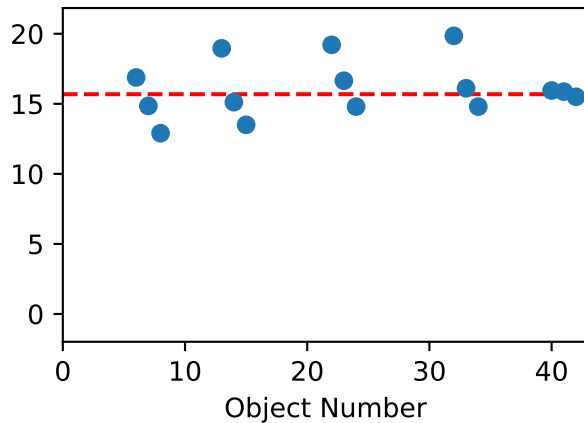
NdL_Q90AbsY (Def=5 Set=5.15)
avg1=5.15~5% avg2=na



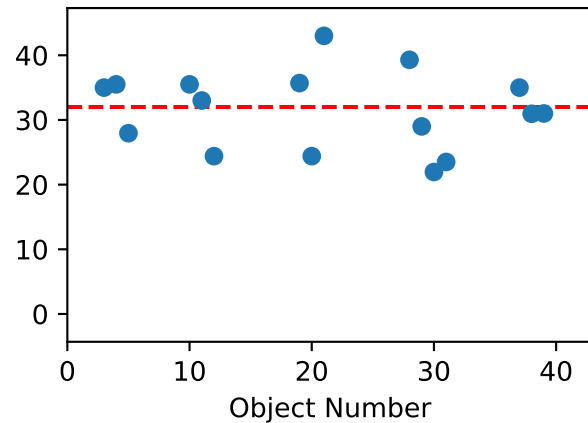
LfA_avgAbsY (Def=na Set=0.04)
avg1=0.04~37% avg2=na



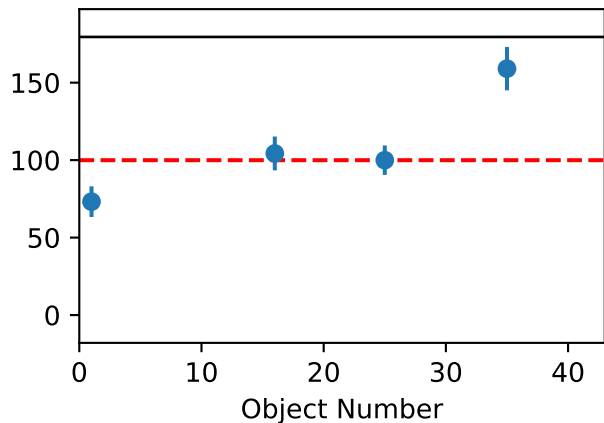
NdD_avgAbsY (Def=na Set=15.68)
avg1=15.68~11% avg2=na



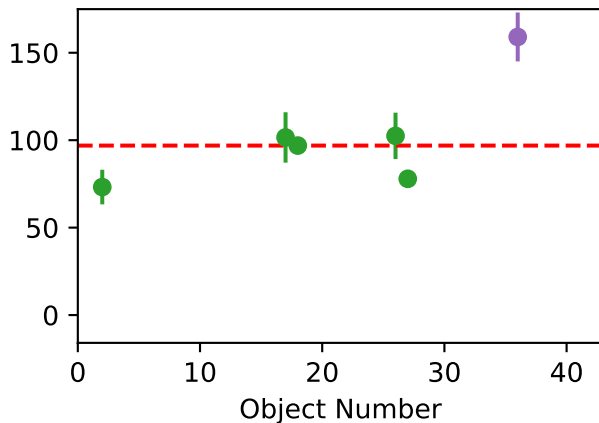
LfL_avgAbsY (Def=na Set=32.0)
avg1=32.0~19% avg2=na



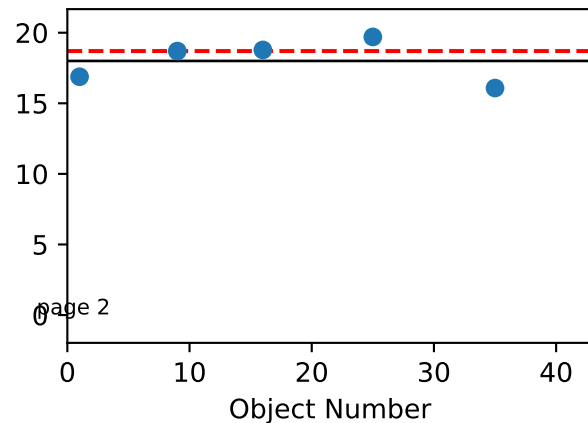
FrV_Q90AbsY (Def=179.5 Set=179.5)
avg1=99.96~17% avg2=na



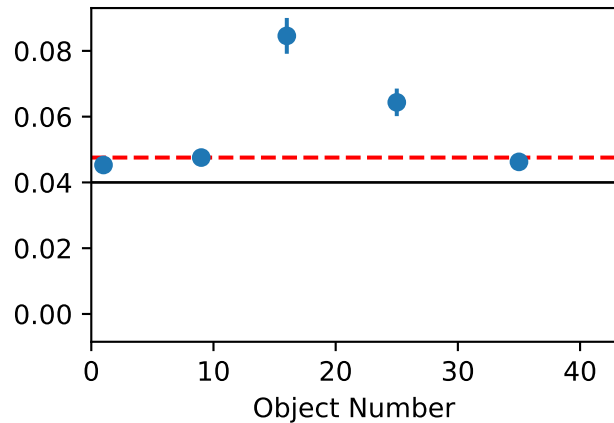
FrV_avgAbsY (Def=na Set=96.92)
avg1=96.92~14% avg2=na



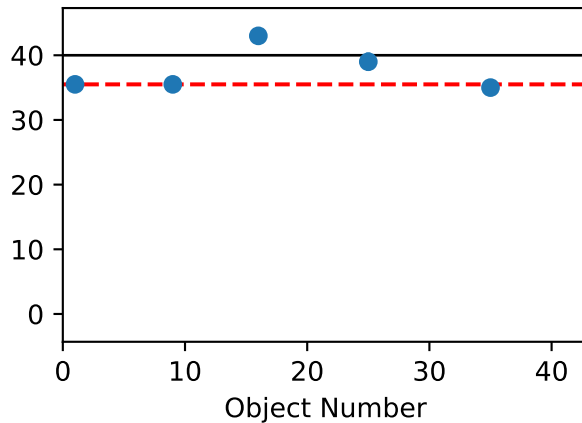
NdD_Q90AbsY (Def=18 Set=18.7)
avg1=18.7~8% avg2=na



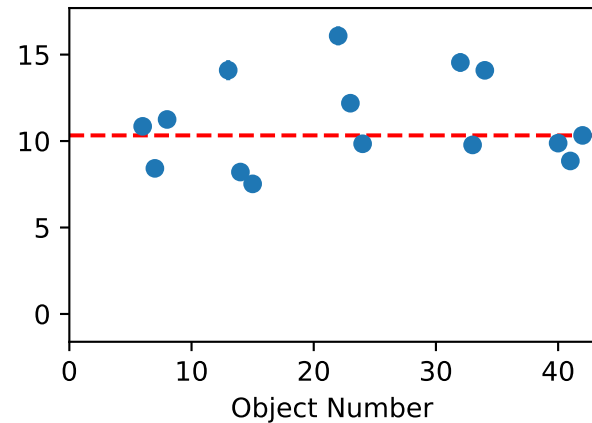
LfA_Q90AbsY (Def=0.04 Set=0.05)
avg1=0.05~36% avg2=na



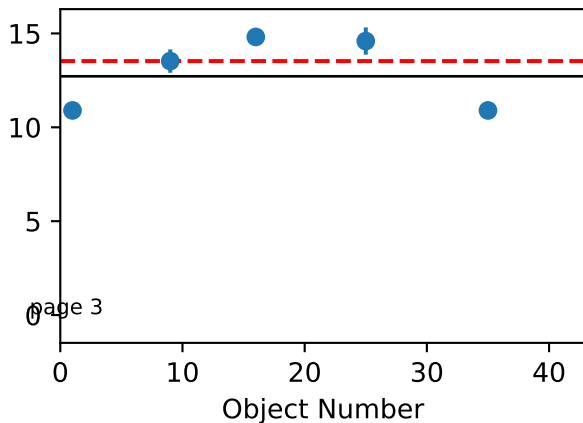
LfL_Q90AbsY (Def=40 Set=35.5)
avg1=35.5~10% avg2=na



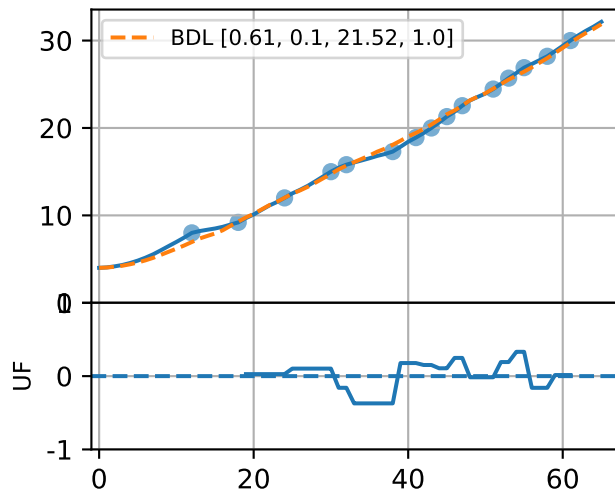
NdV_avgAbsY (Def=na Set=10.33)
avg1=10.33~25% avg2=na



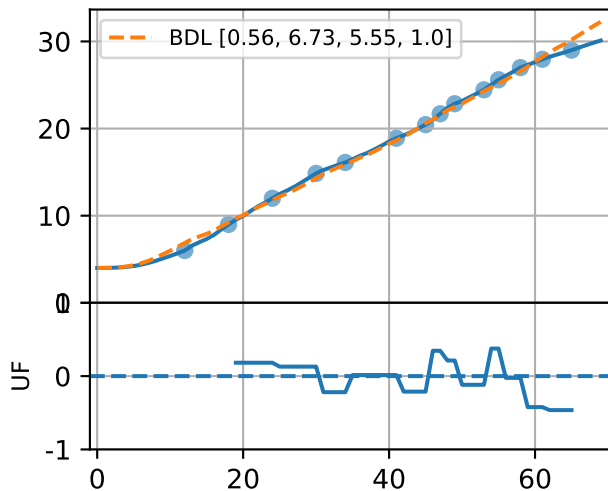
NdV_Q90AbsY (Def=12.72 Set=13.53)
avg1=13.53~14% avg2=na



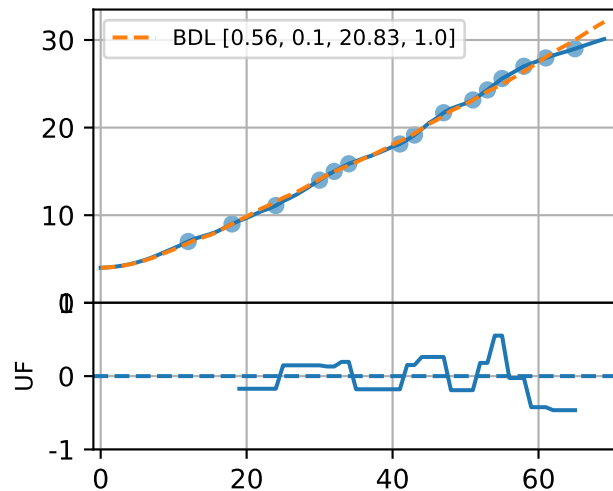
P3-2-16-21 (fit failed)



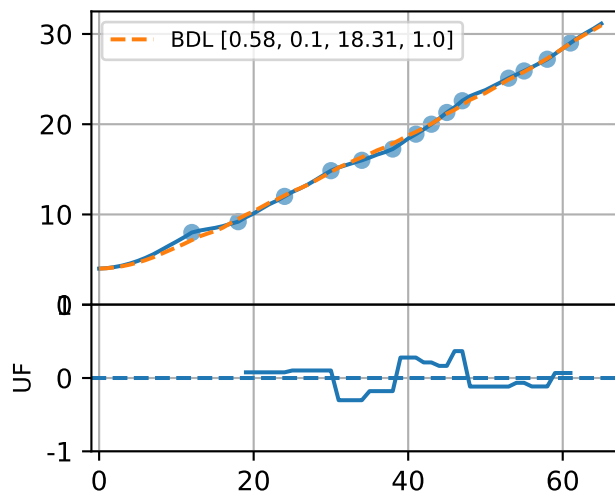
P3-2-24-18 (fit failed)



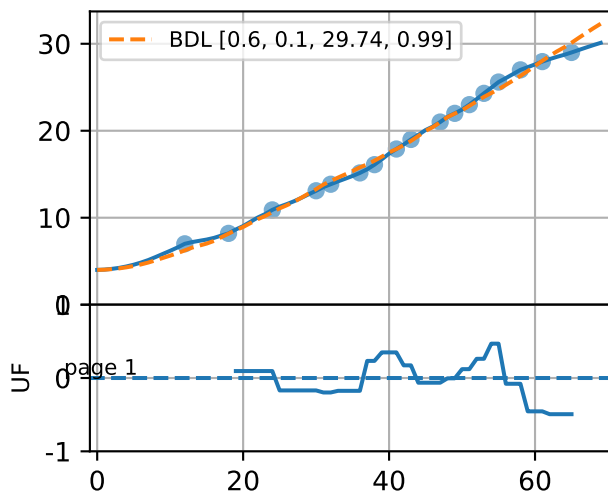
P3-2-40-6 (fit failed)



P3-2-55-28 (fit failed)



P3-2-9-8 (fit failed)



P3-2avg (fit failed)

NaN

BDL [0.57, 0.1, 20.22, 1.0]

UF

page 1

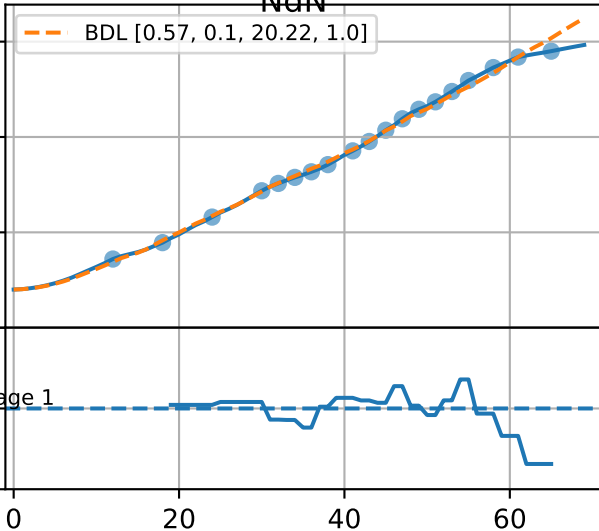
0

20

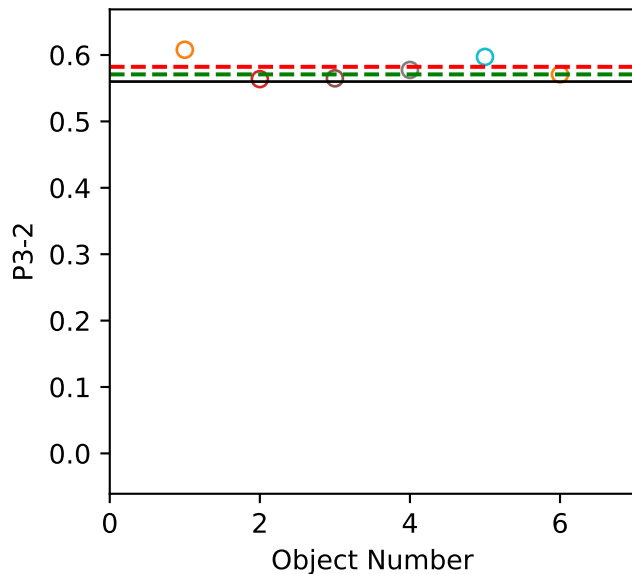
40

60

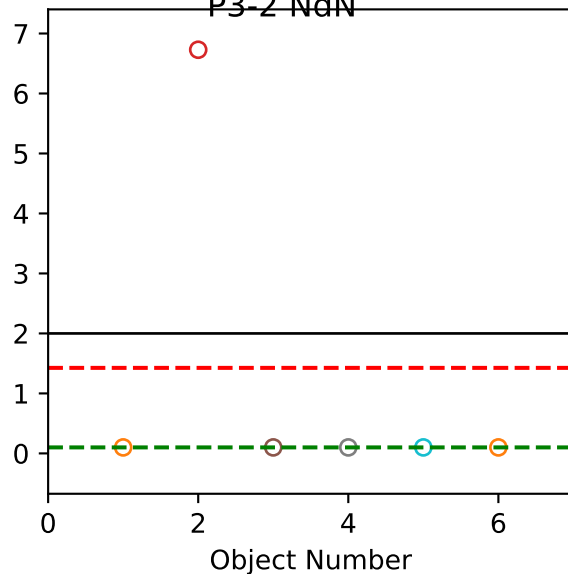
-1



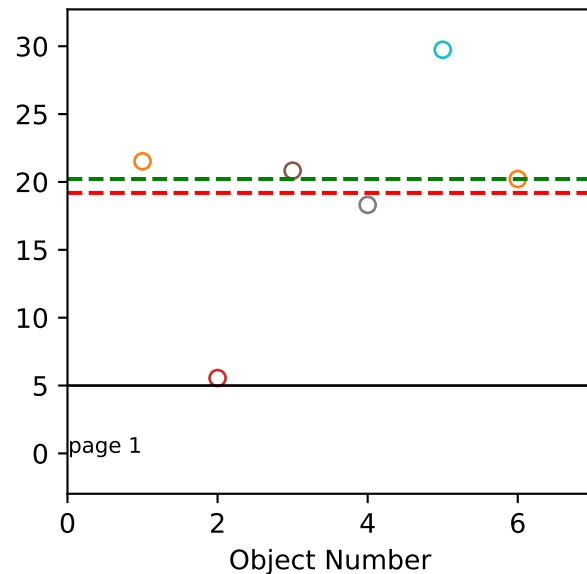
a (Def=0.56 Set=0.57)
avg1=0.58(fail) avg2=0.57



dm (Def=2 Set=0.1)
avg1=1.43(fail) avg2=0.1

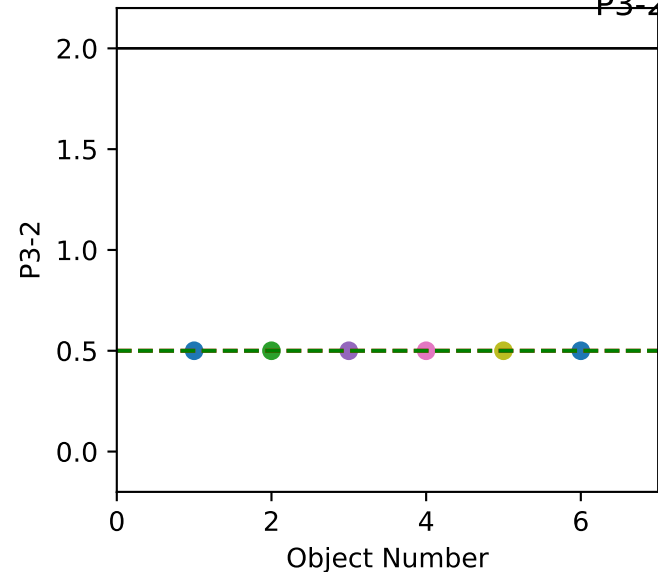


de (Def=5 Set=20.22)
avg1=19.19(fail) avg2=20.22

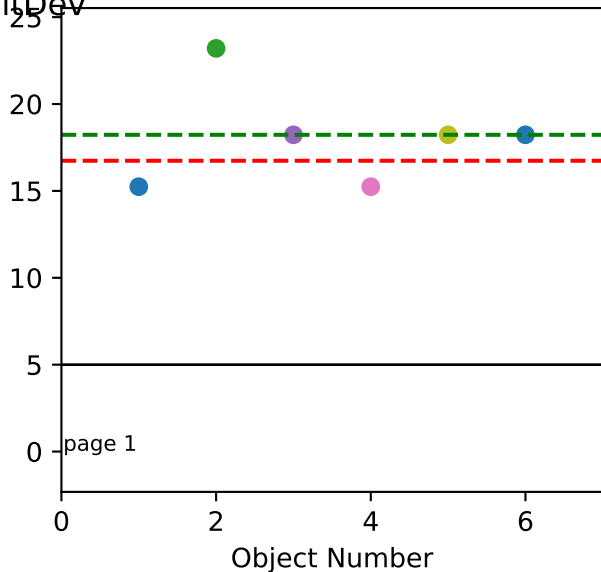


InitDev_dm (Def=2 Set=0.5)
avg1=0.5~0% avg2=0.5

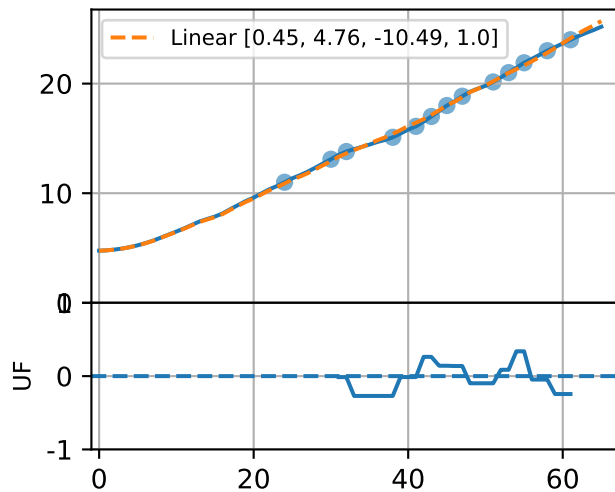
P3-2 InitDev



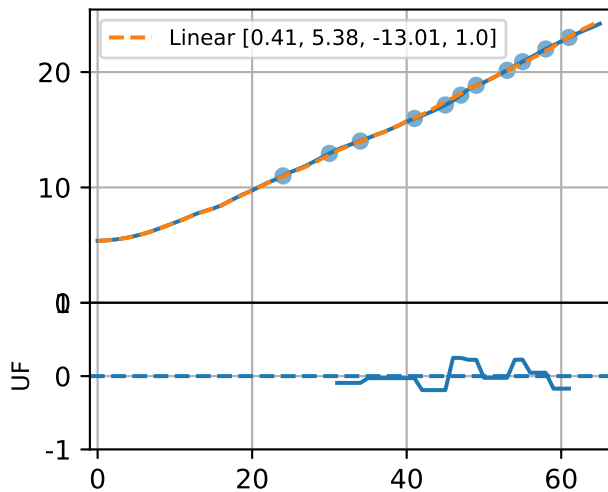
InitDev_de (Def=5 Set=18.23)
avg1=16.74~10% avg2=18.23



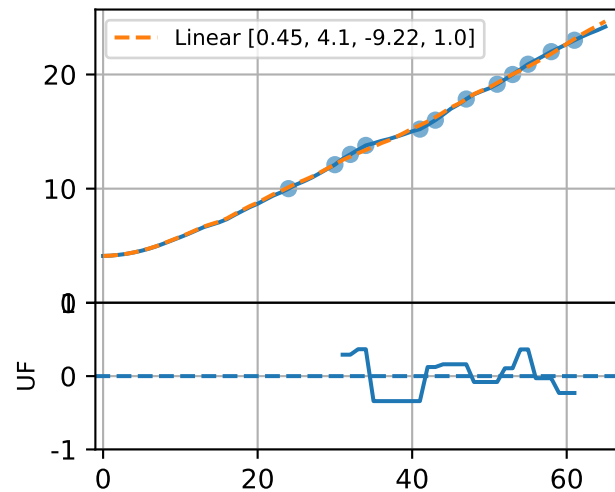
P3-2-16-21



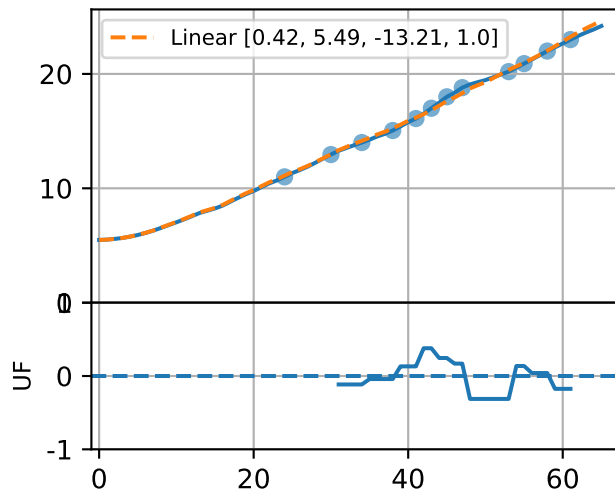
P3-2-24-18



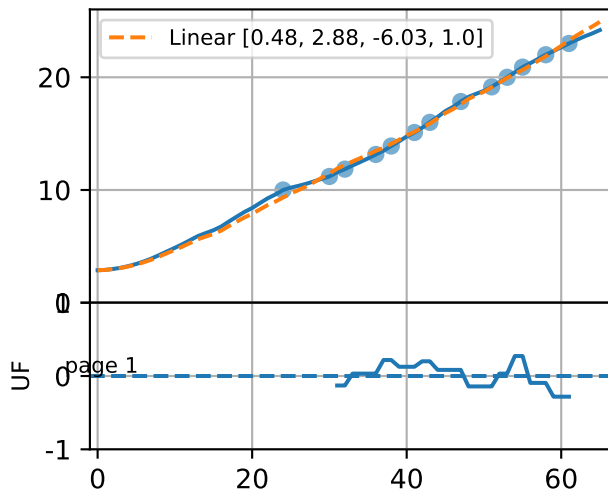
P3-2-40-6



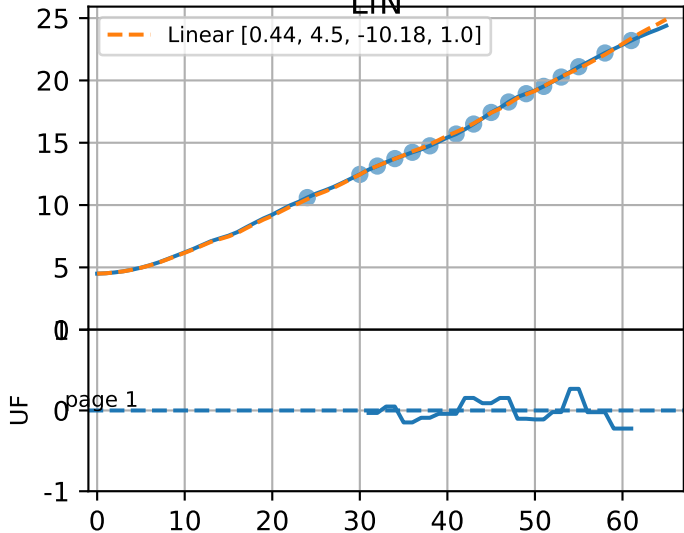
P3-2-55-28

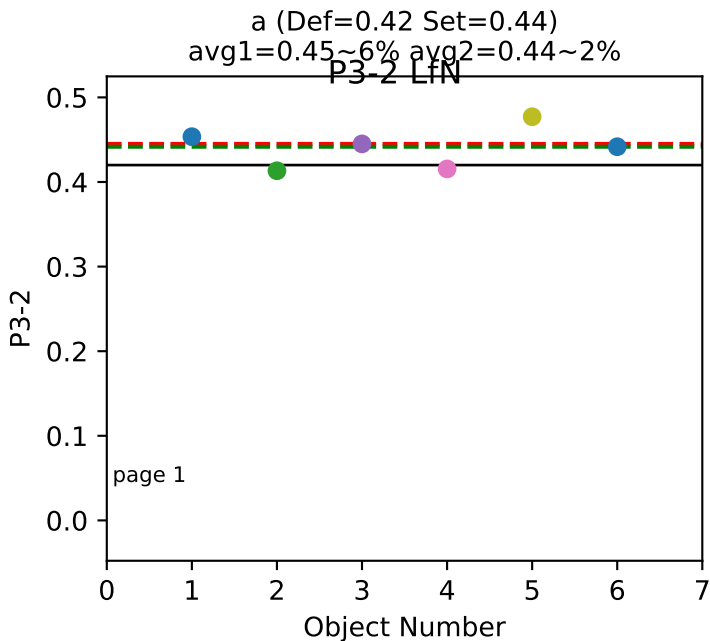


P3-2-9-8

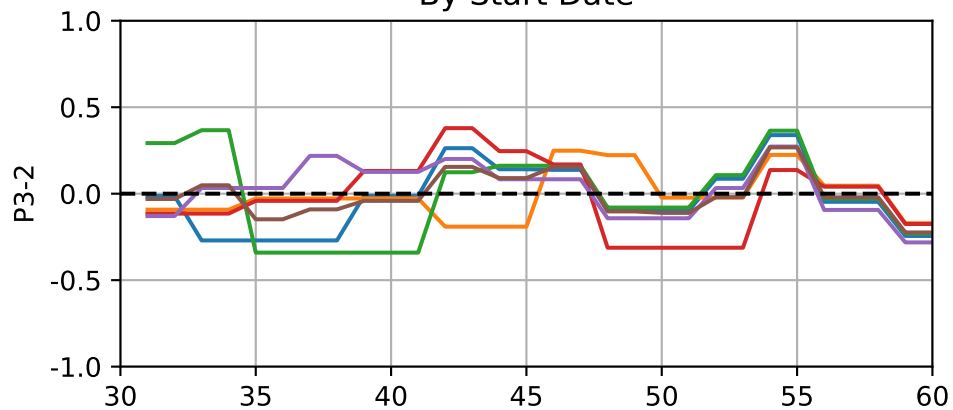


P3-2avg Lfn

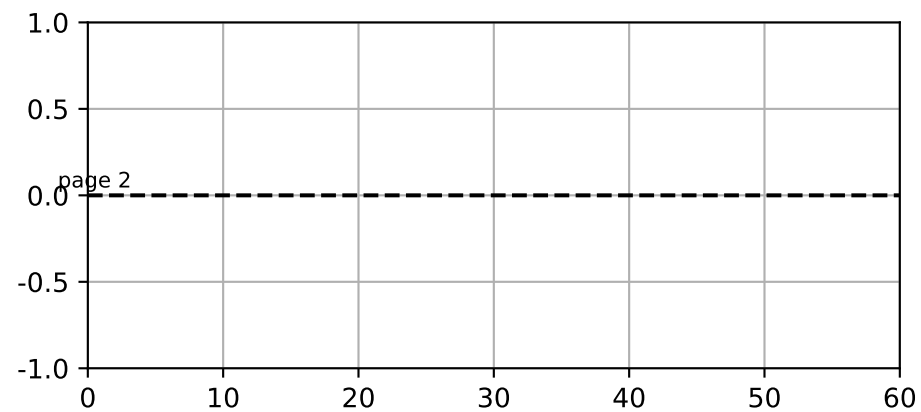
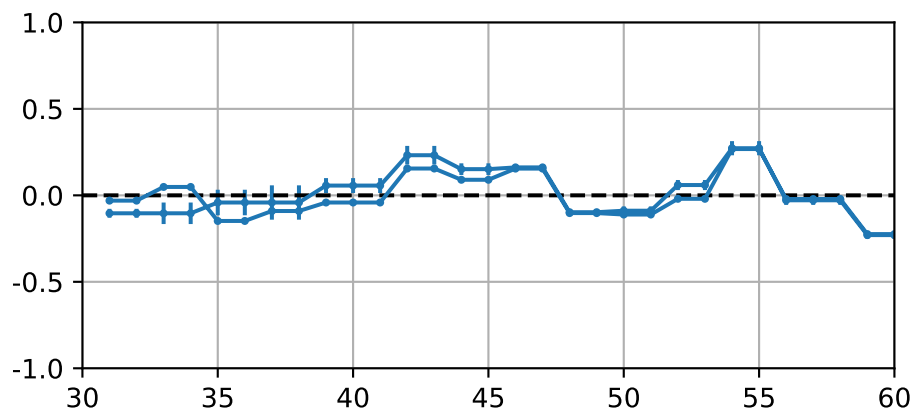
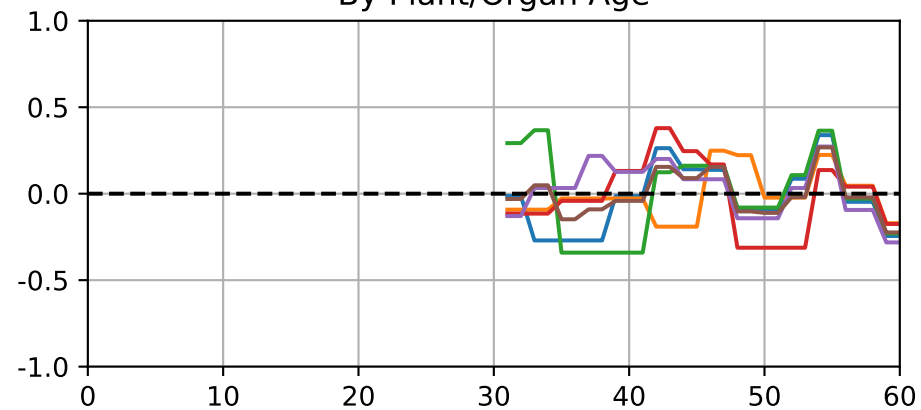




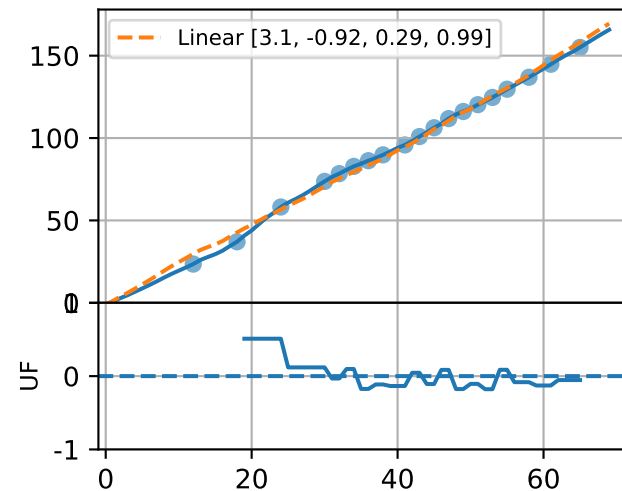
By Start Date



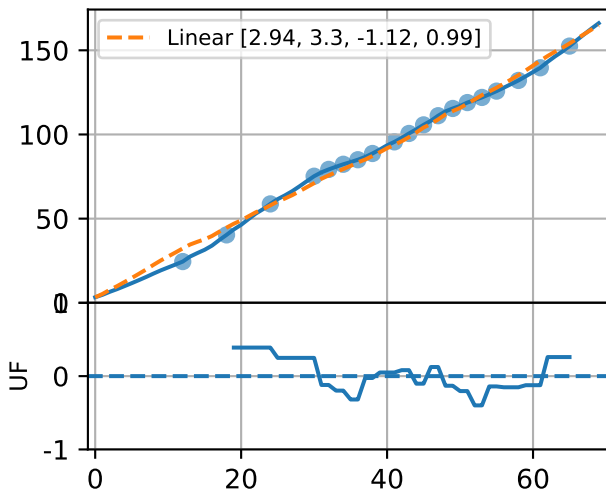
By Plant/Organ Age



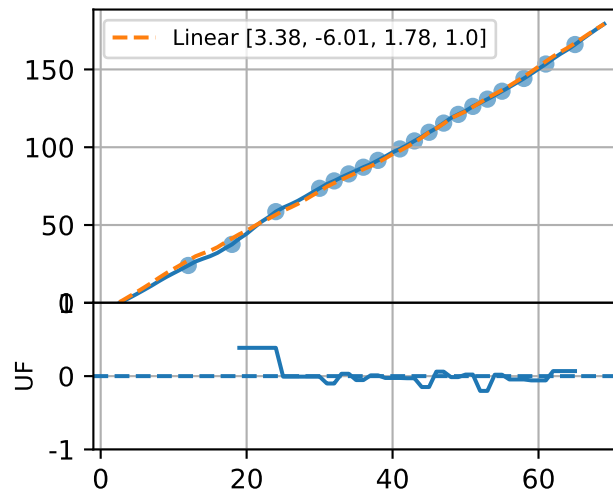
P3-2-16-21



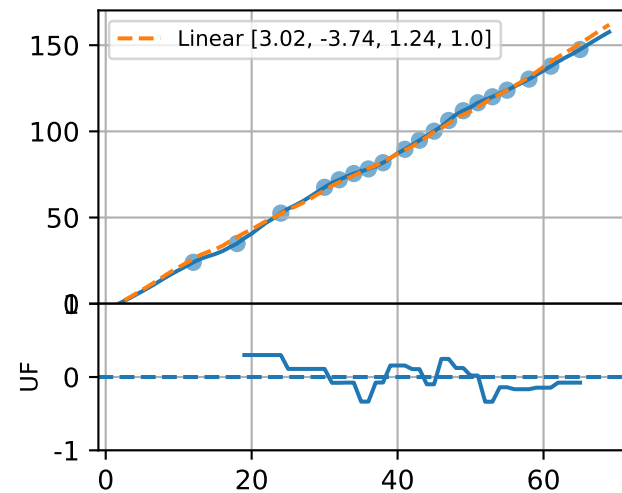
P3-2-24-18



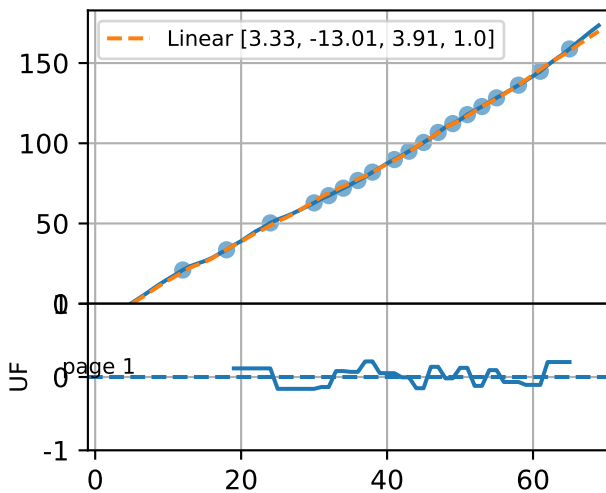
P3-2-40-6



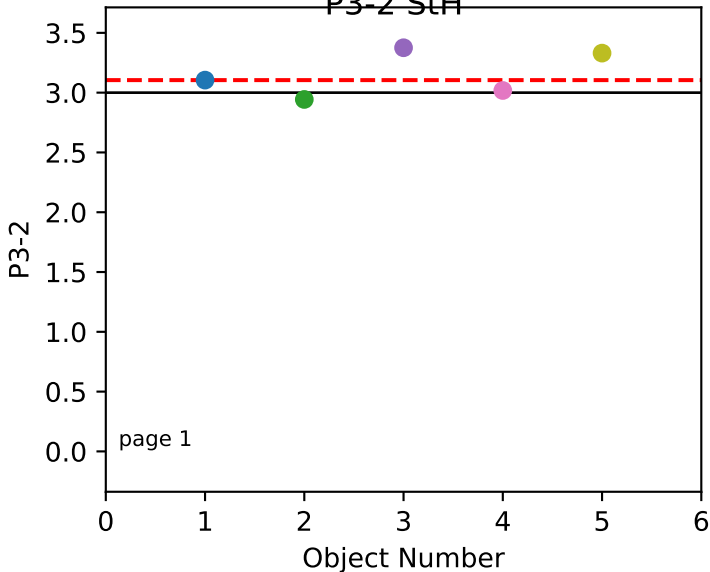
P3-2-55-28



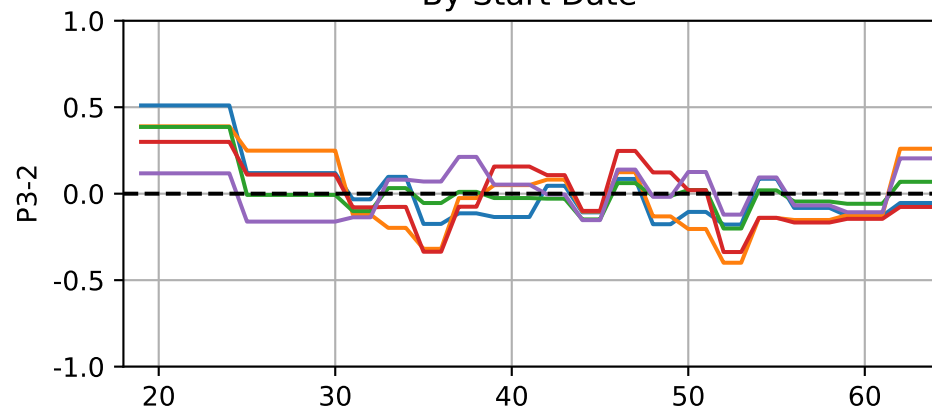
P3-2-9-8



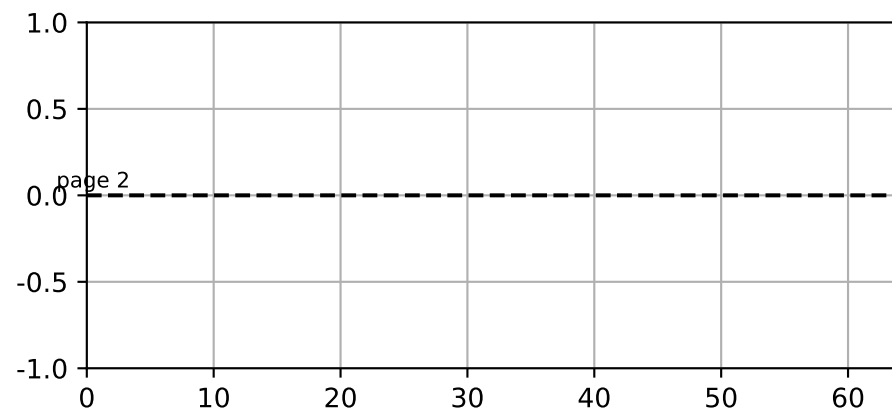
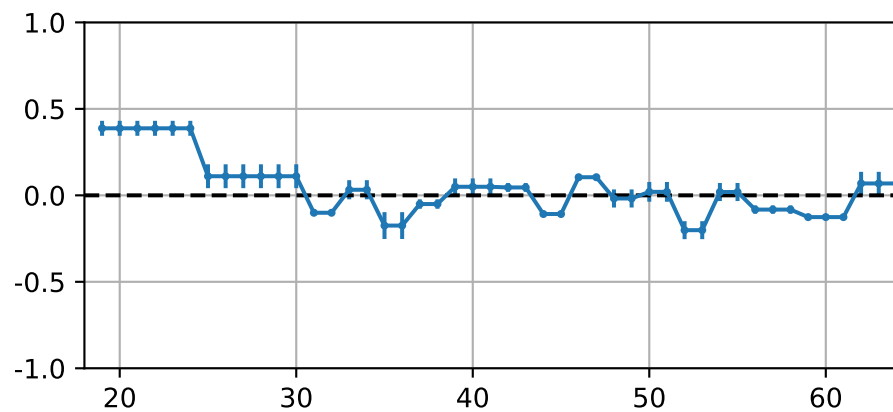
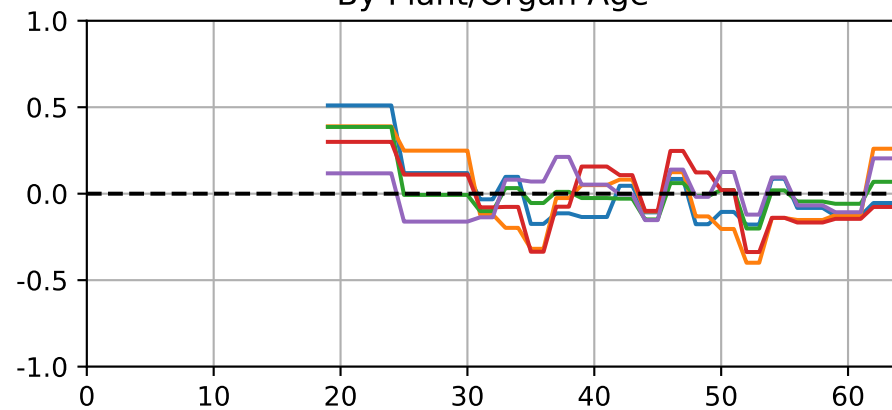
a (Def=3 Set=3.1)
avg1=3.1~6% avg2=na
P3-2 StH



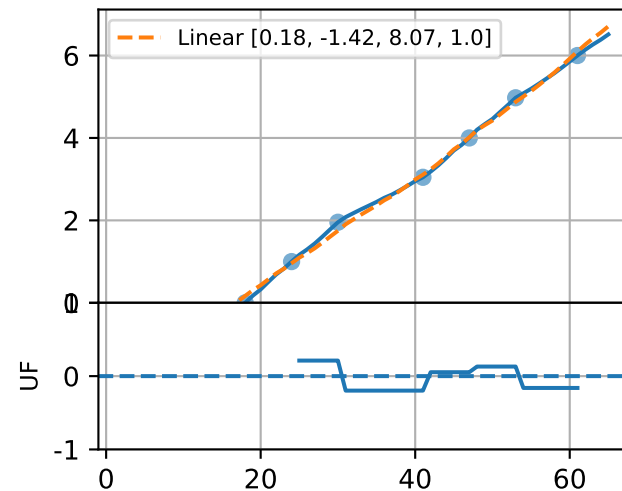
By Start Date



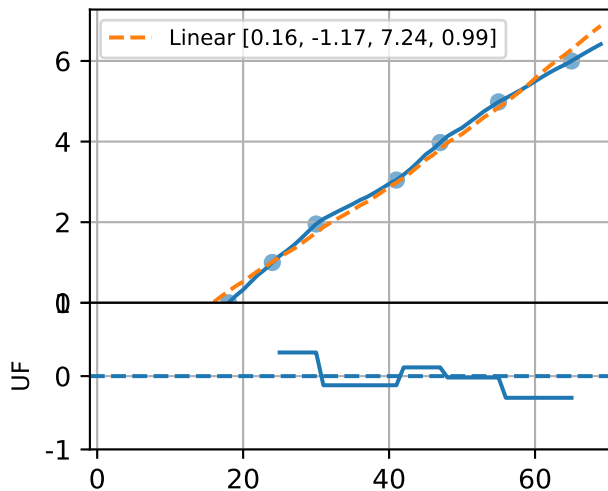
By Plant/Organ Age



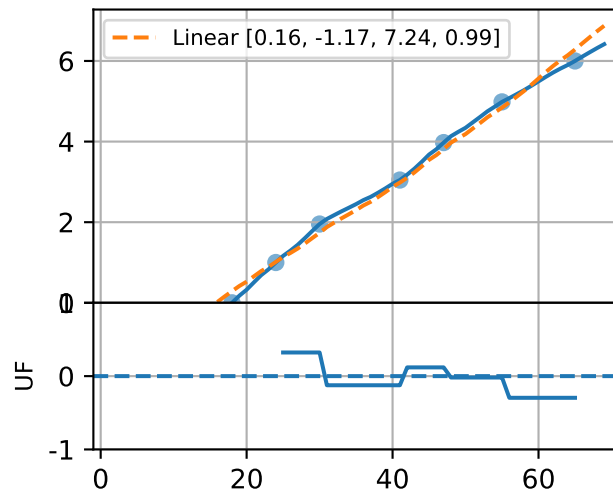
P3-2-16-21



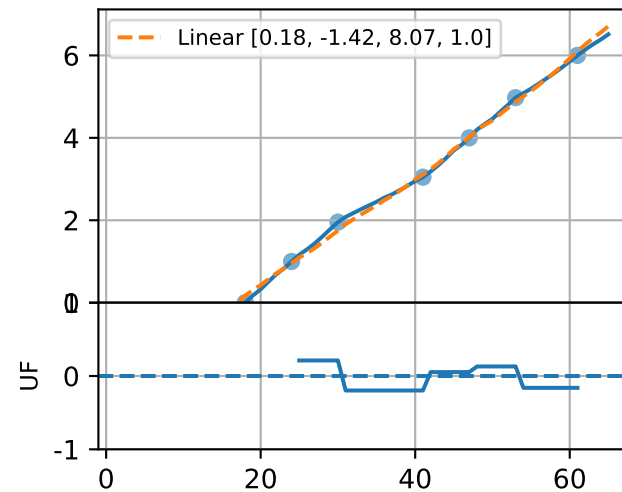
P3-2-24-18



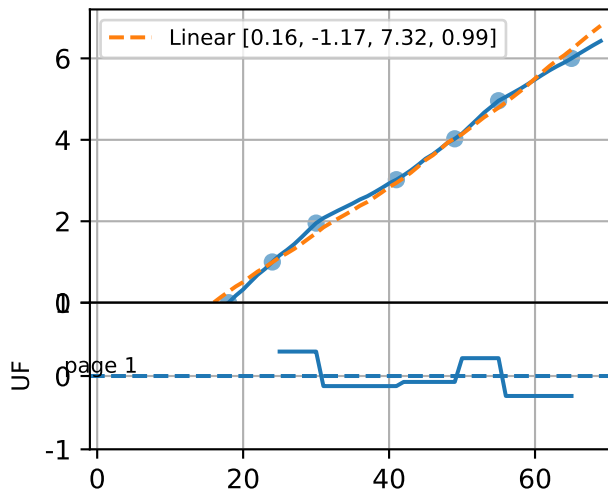
P3-2-40-6



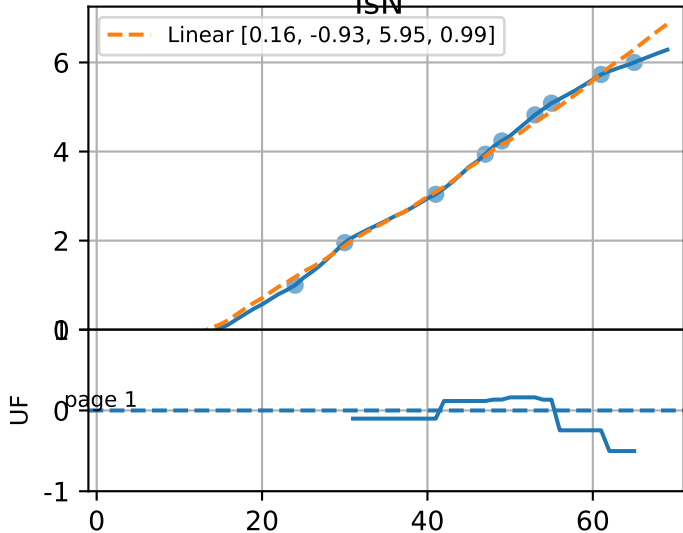
P3-2-55-28

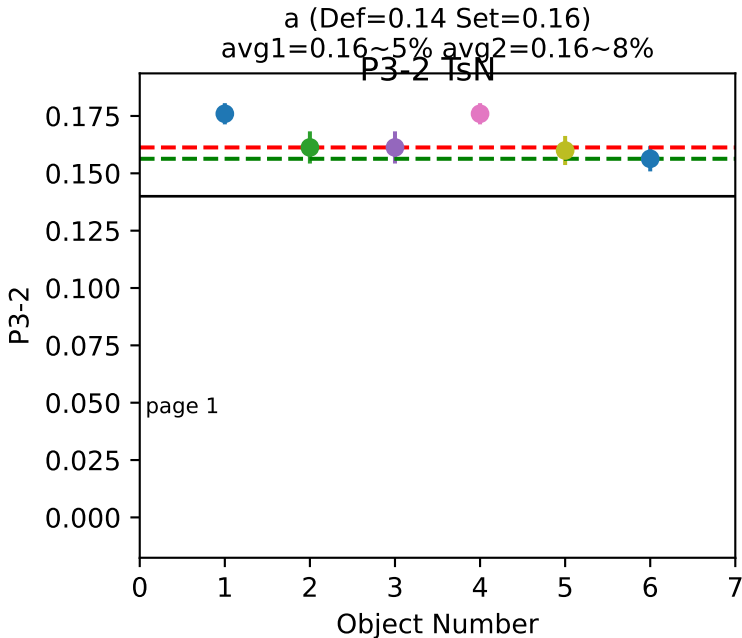


P3-2-9-8

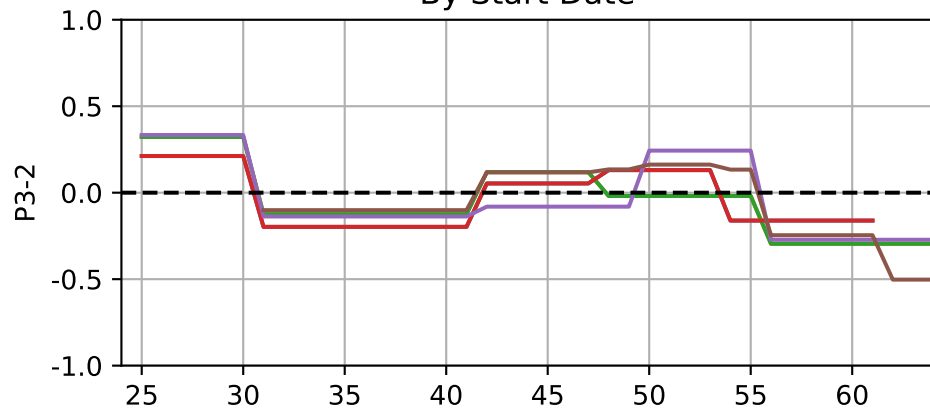


P3-2avg

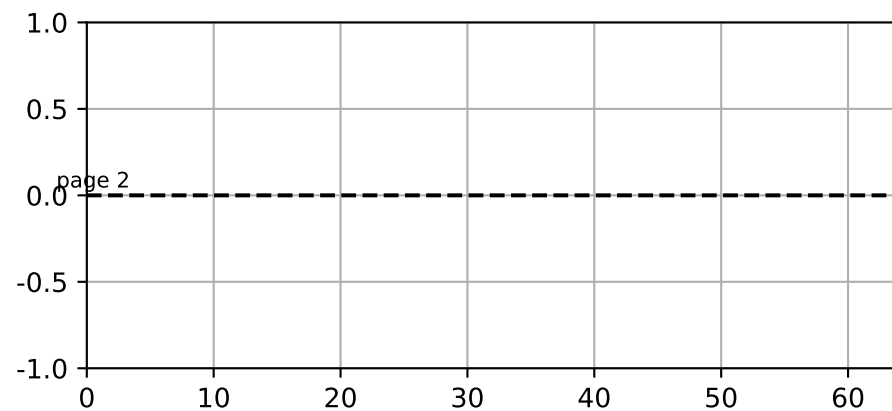
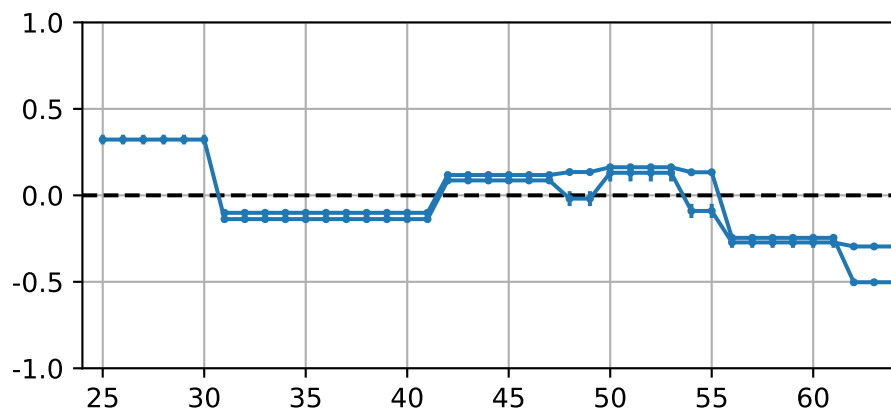
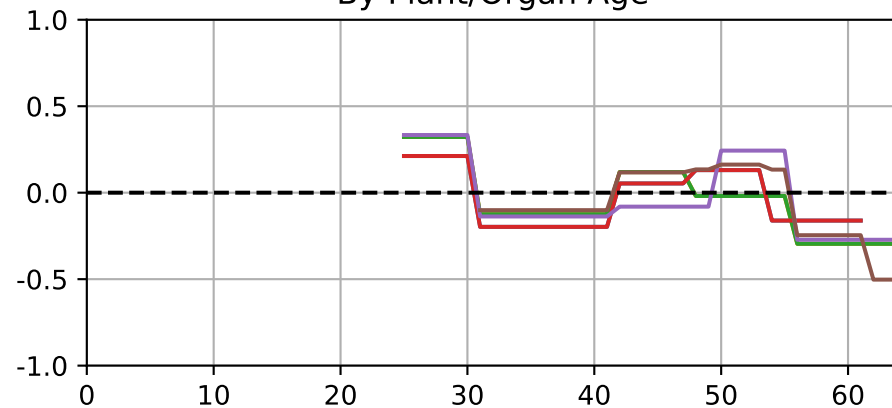




By Start Date

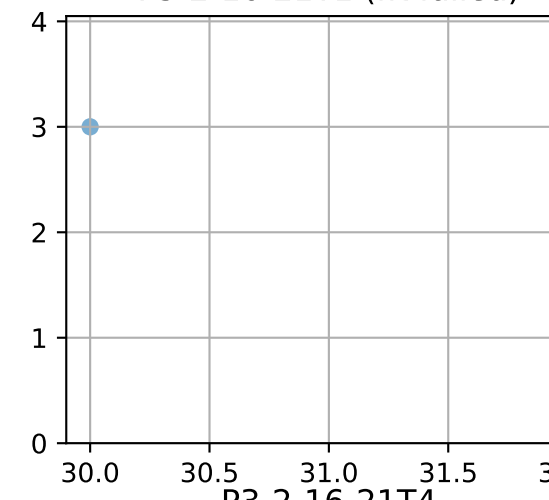


By Plant/Organ Age

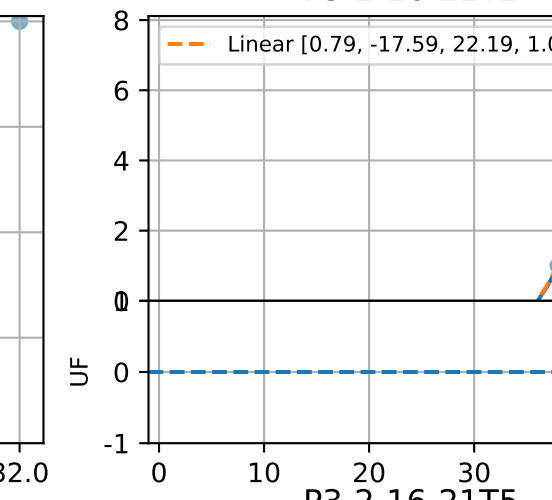


P3-2-16-21T1 (fit failed)

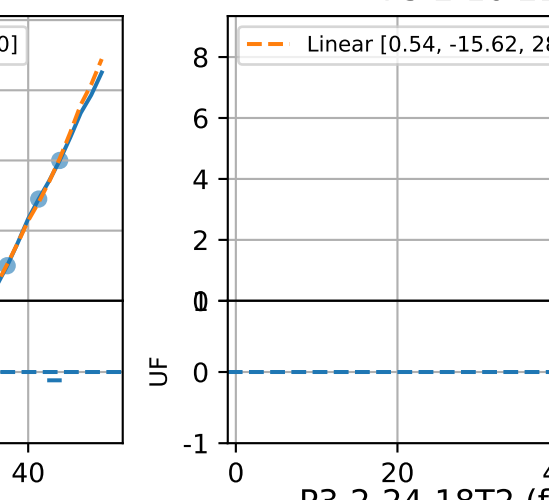
P3-2-16-21T1 (fit failed)



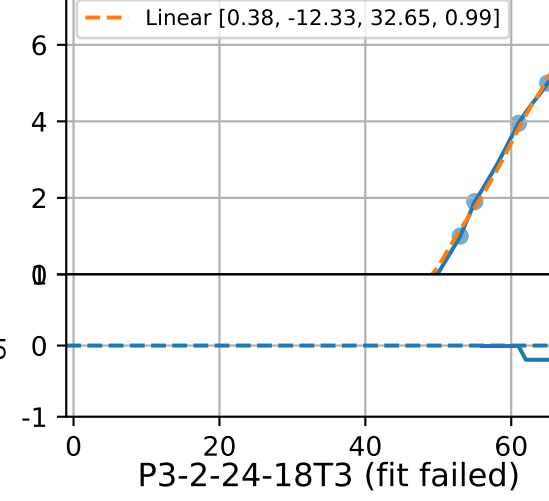
P3-2-16-21T2



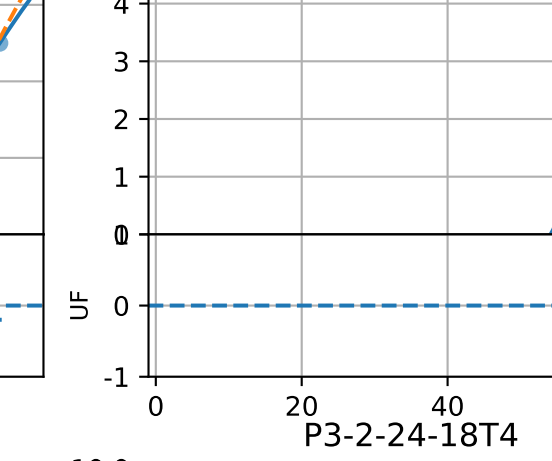
P3-2-16-21T3



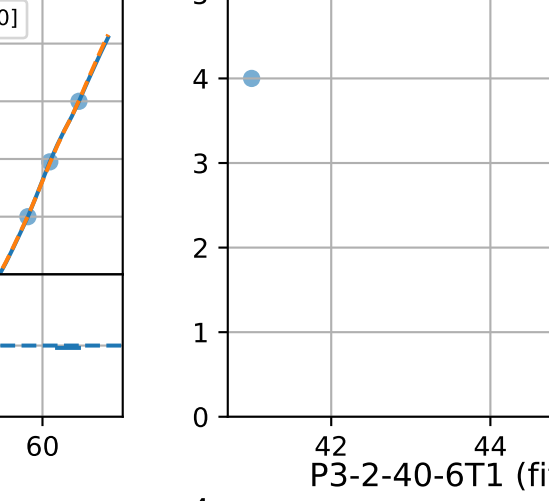
P3-2-16-21T4



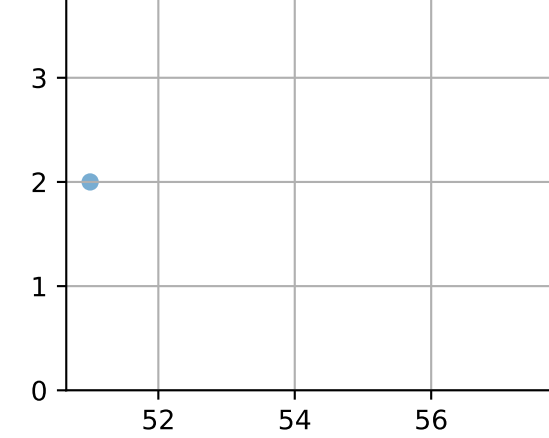
P3-2-16-21T5



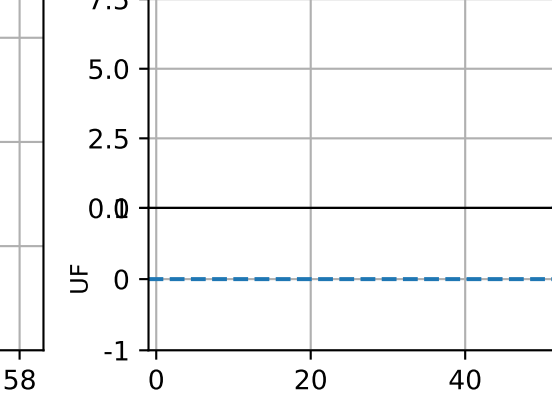
P3-2-24-18T2 (fit failed)



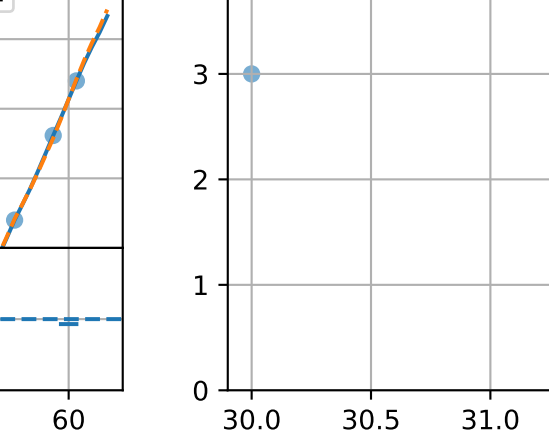
P3-2-24-18T3 (fit failed)



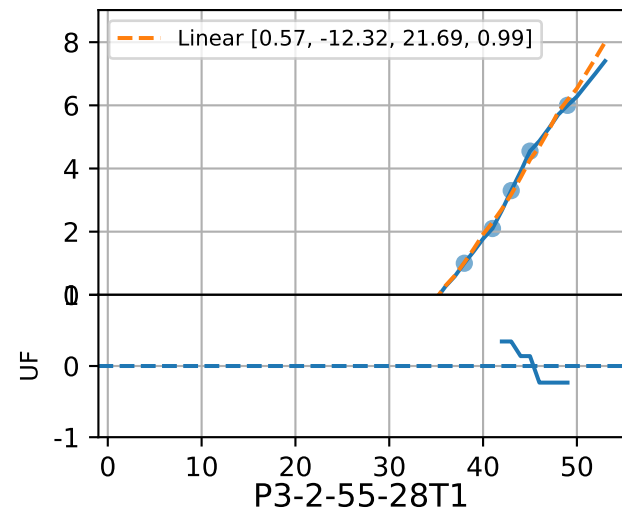
P3-2-24-18T4



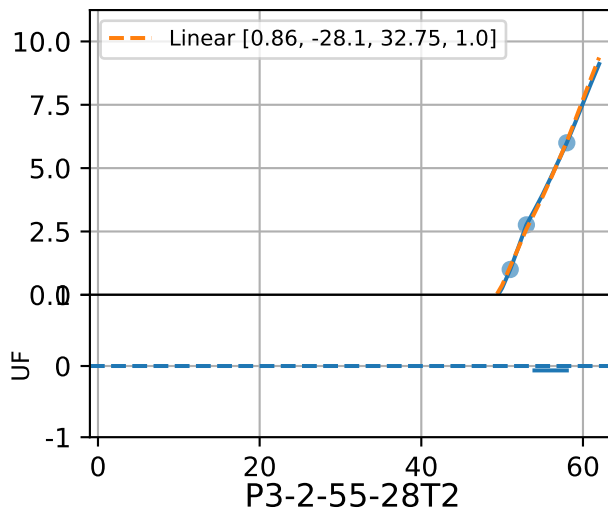
P3-2-40-6T1 (fit failed)



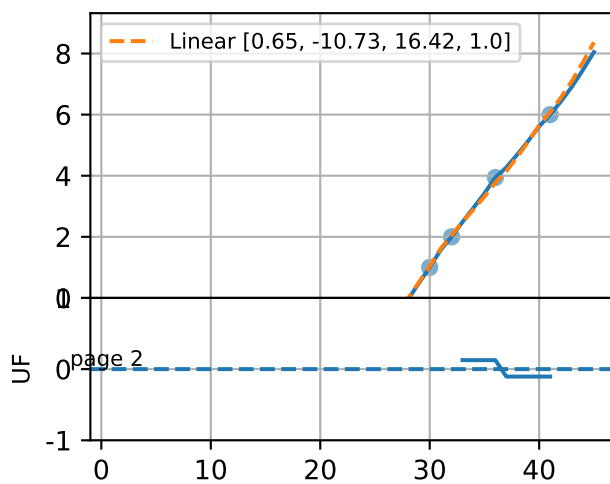
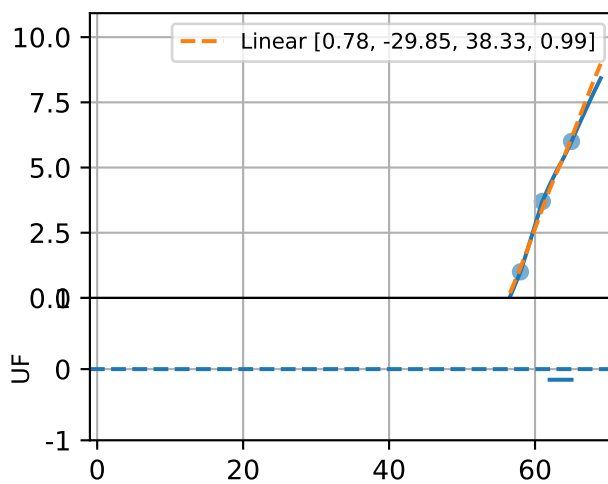
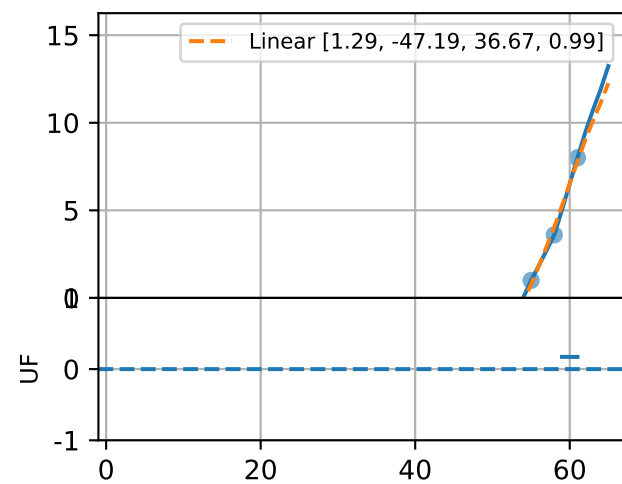
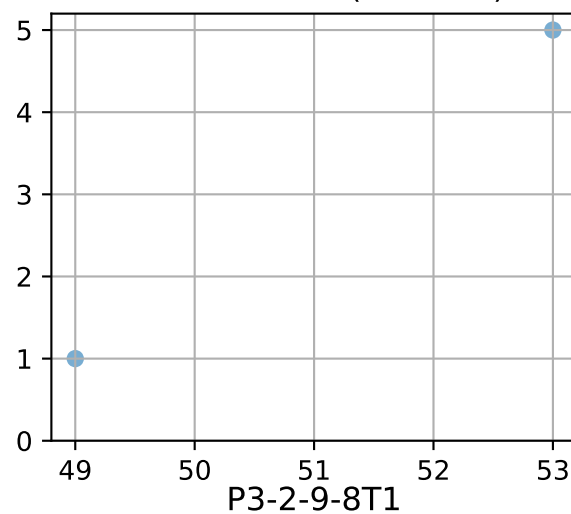
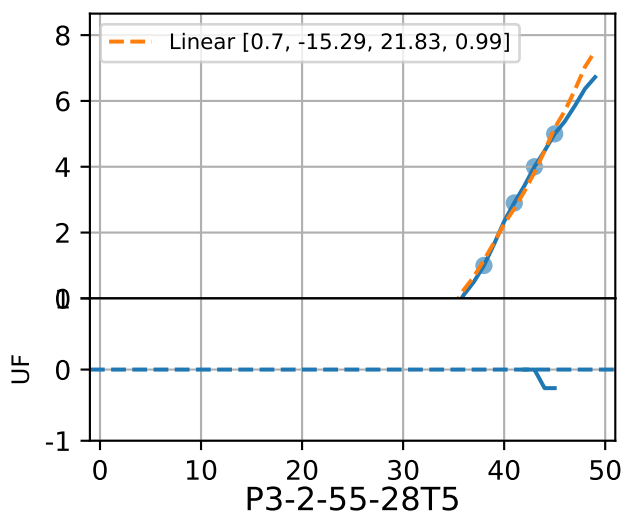
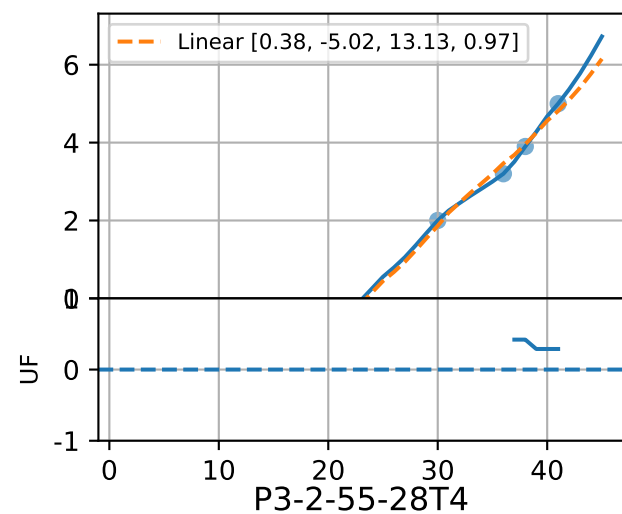
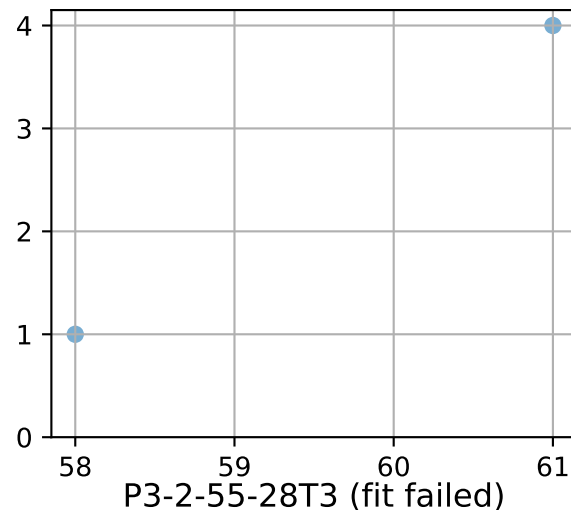
P3-2-40-6T2



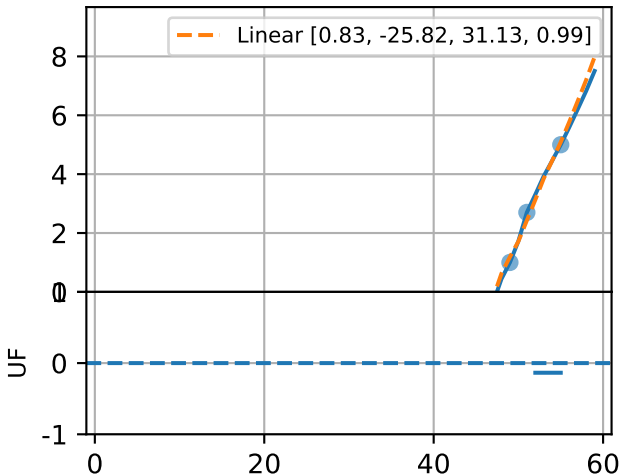
P3-2-40-6T3



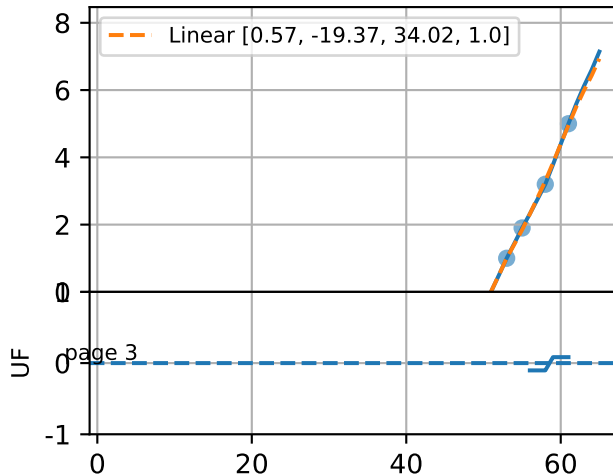
P3-2-40-6T4 (fit failed)



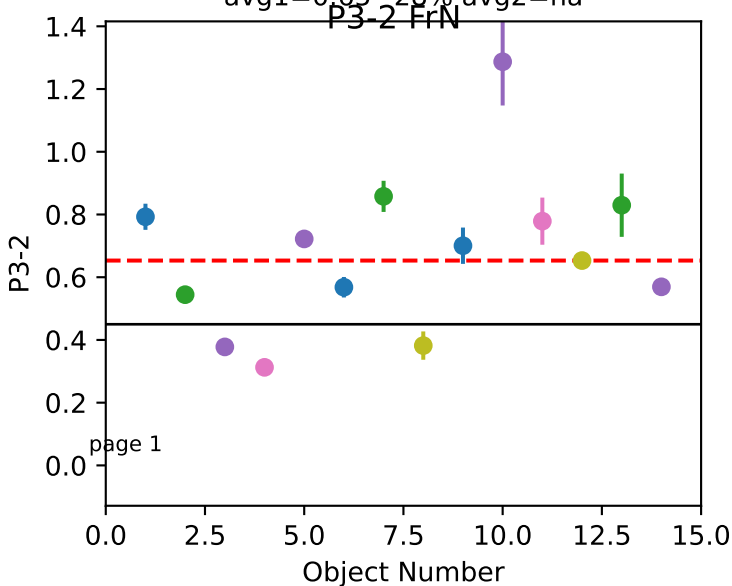
P3-2-9-8T3



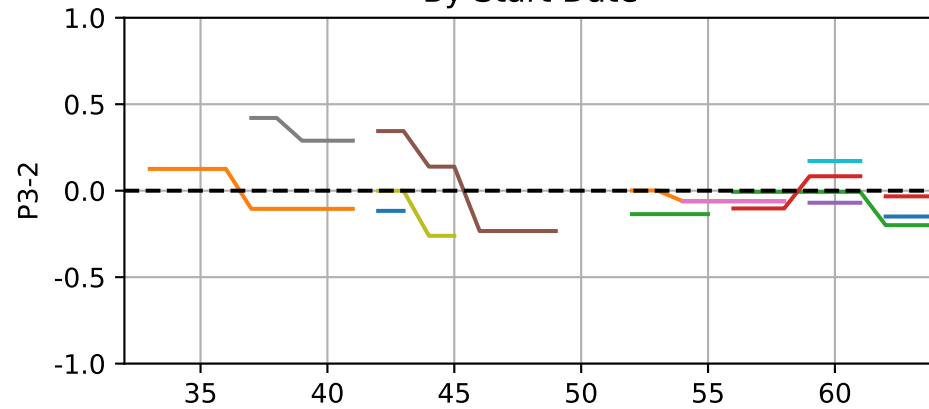
P3-2-9-8T4



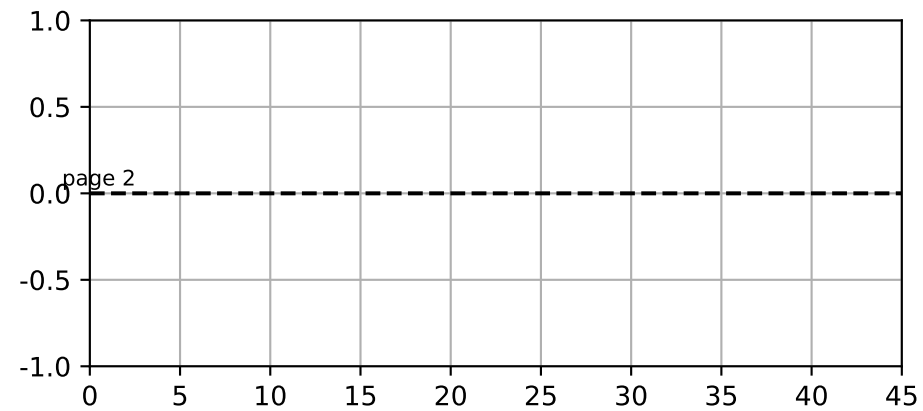
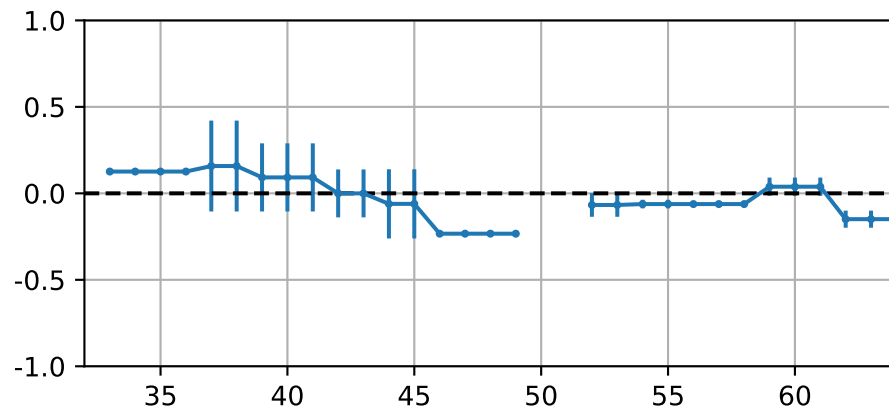
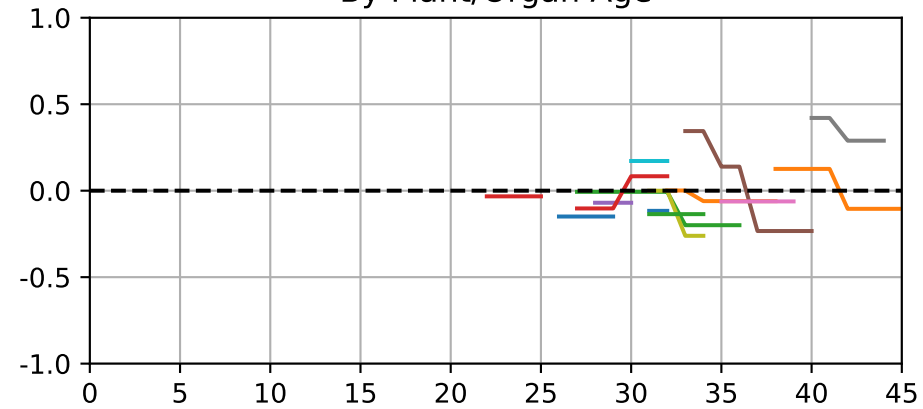
a (Def=0.45 Set=0.65)
avg1=0.65~28% avg2=na

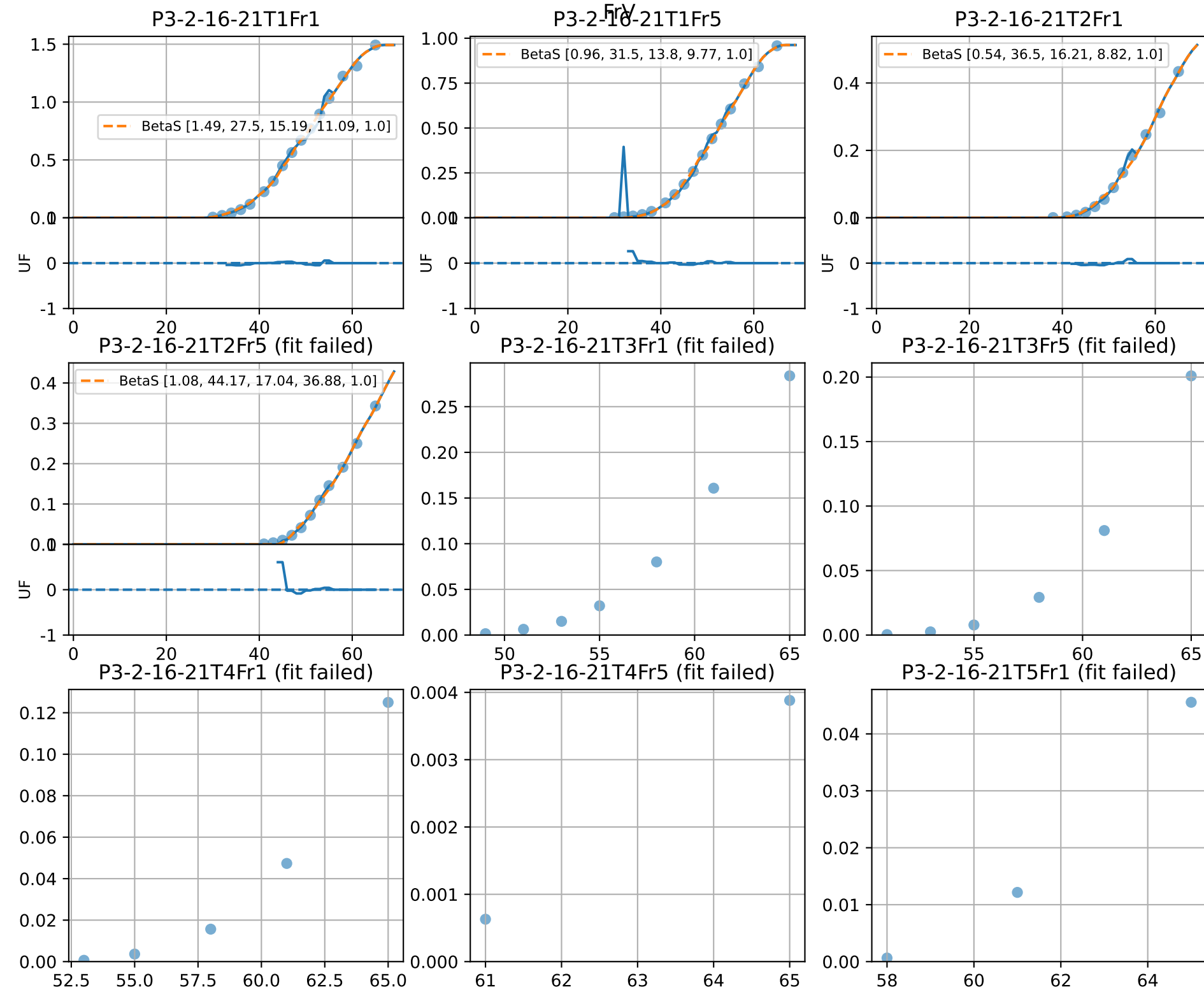


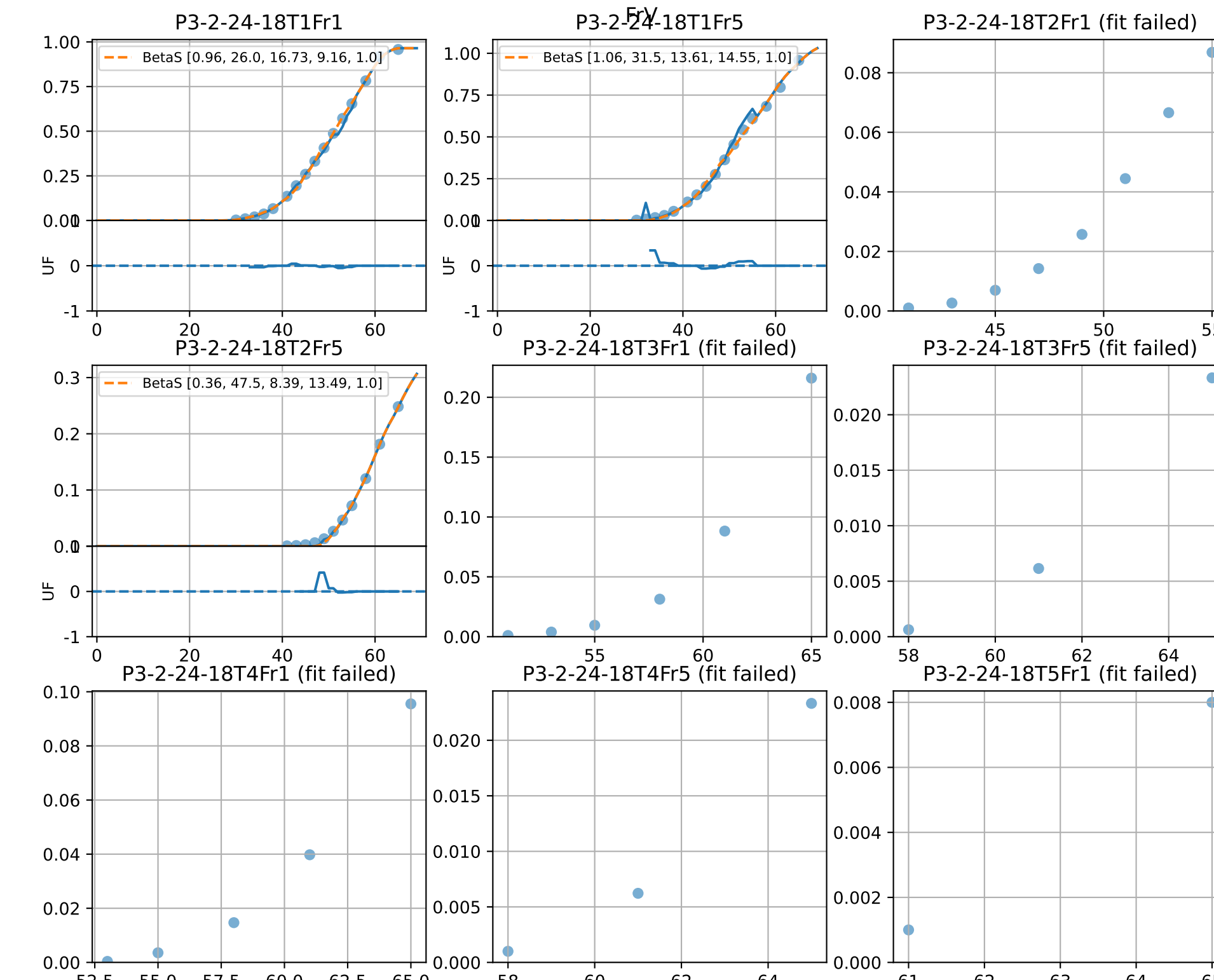
By Start Date

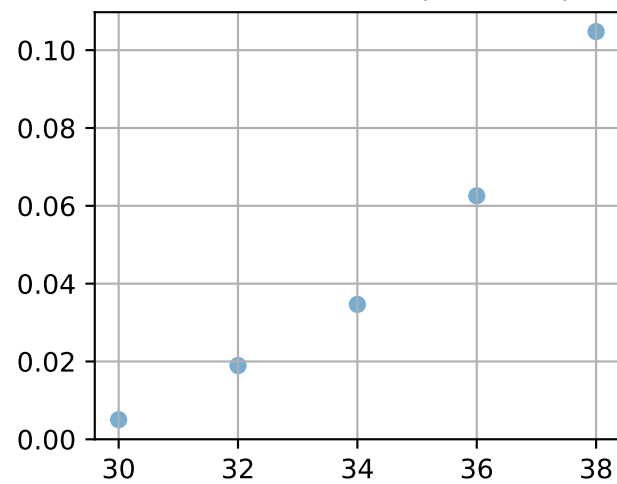
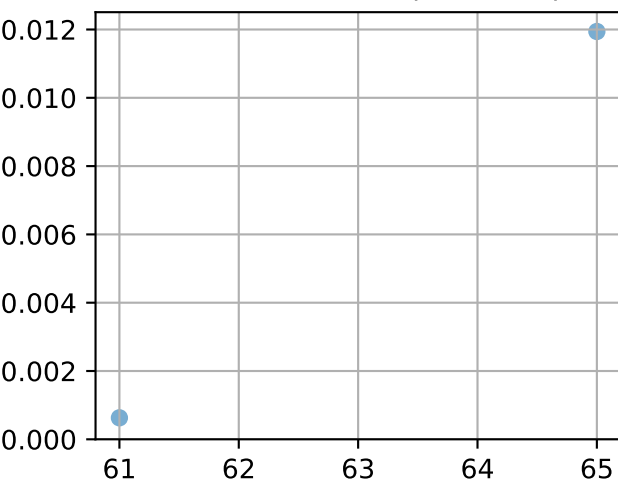
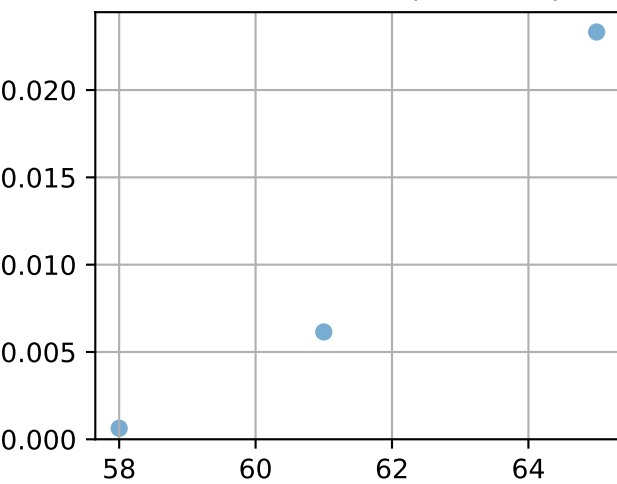
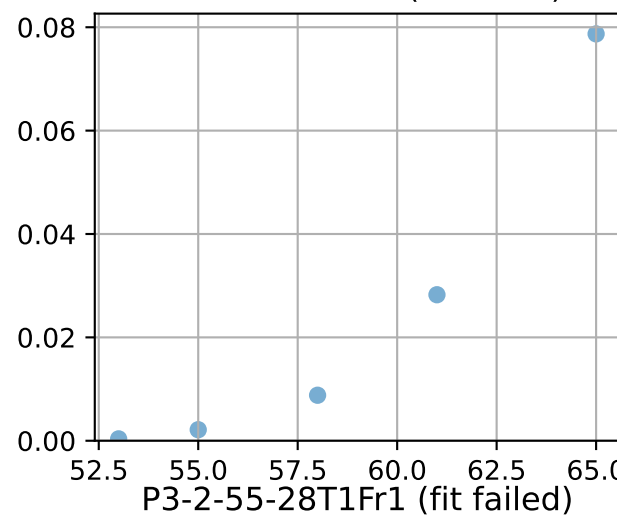
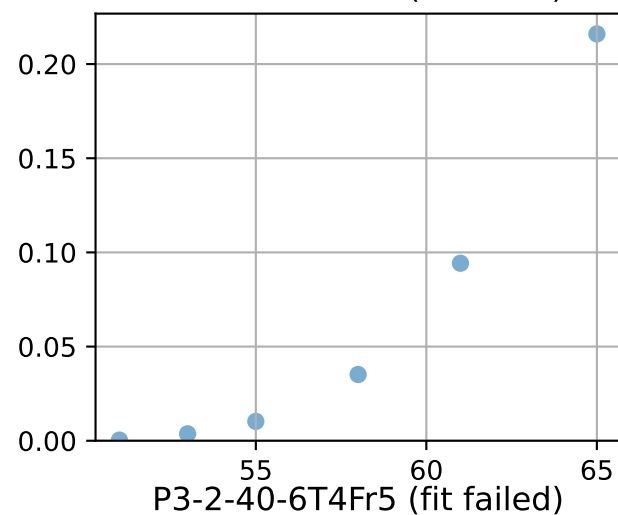
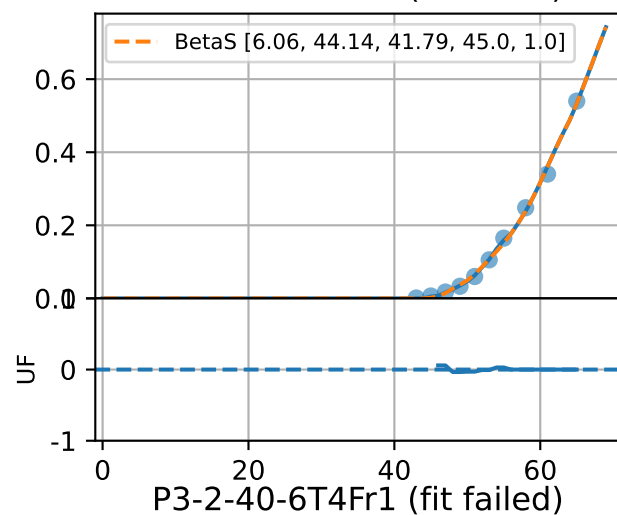
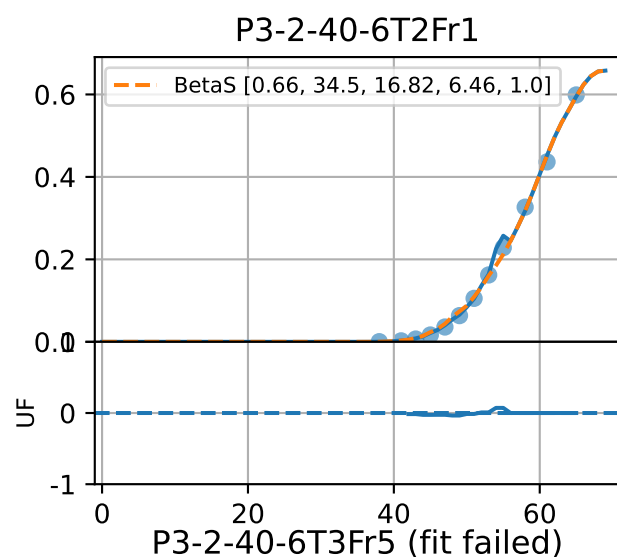
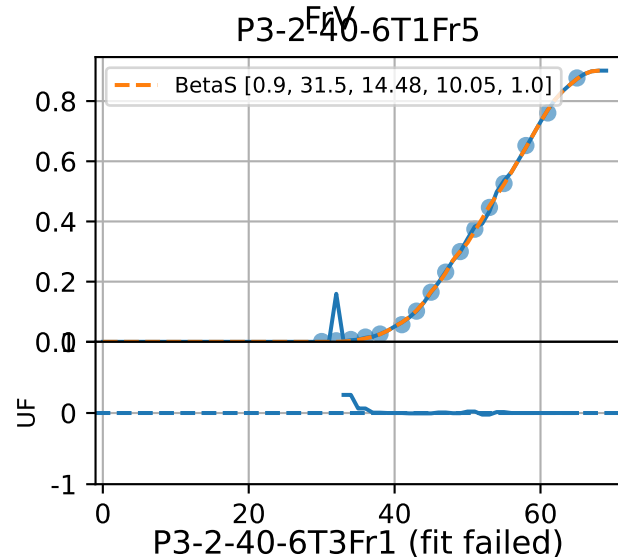
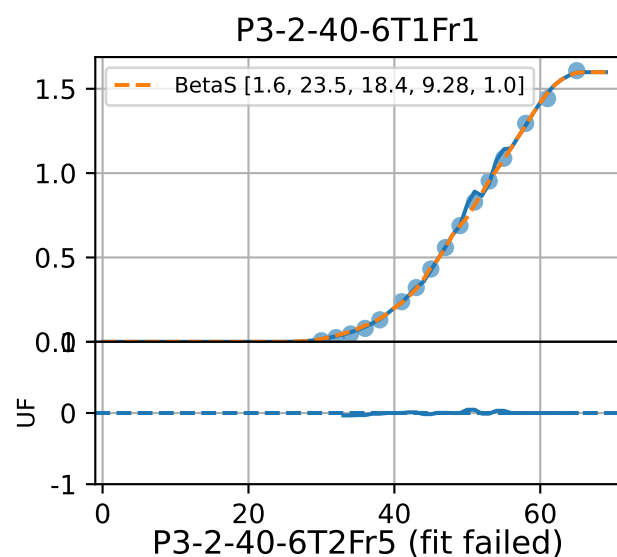


By Plant/Organ Age

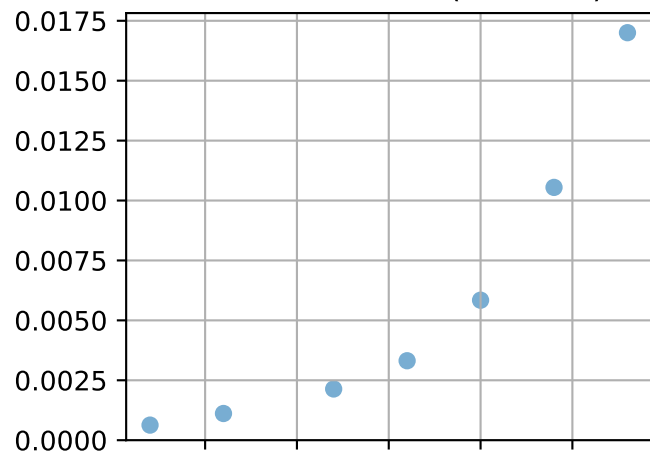




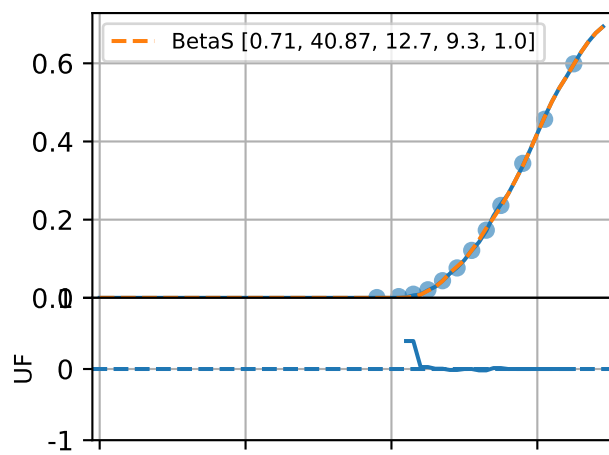




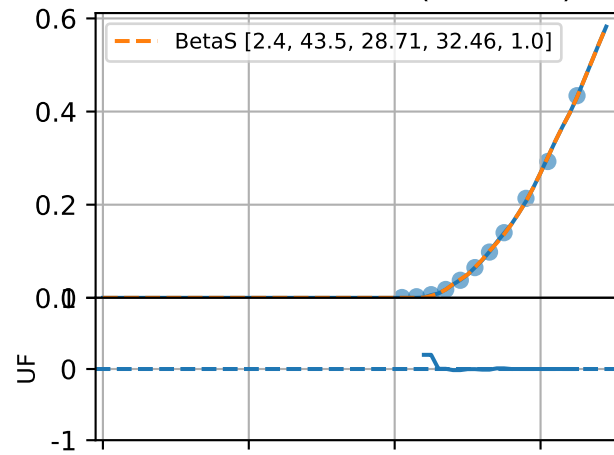
P3-2-55-28T1Fr5 (fit failed)



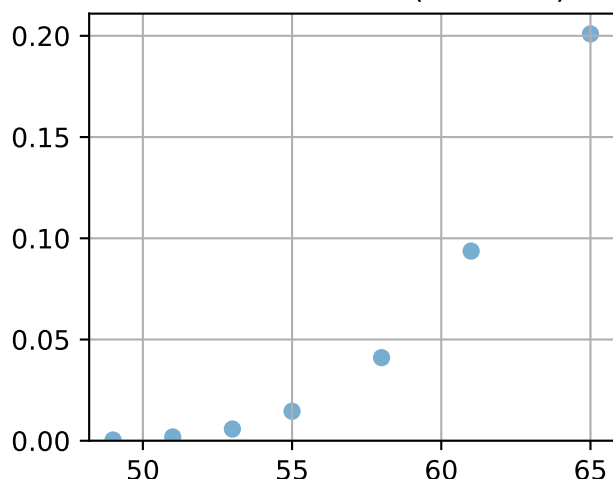
P3-2-55-28T2Fr1



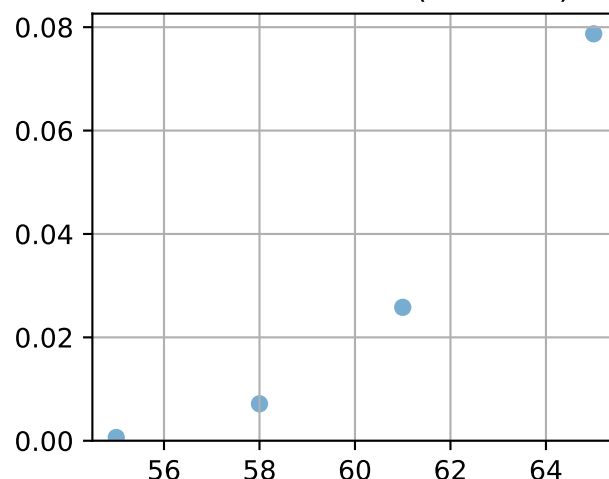
P3-2-55-28T2Fr5 (fit failed)



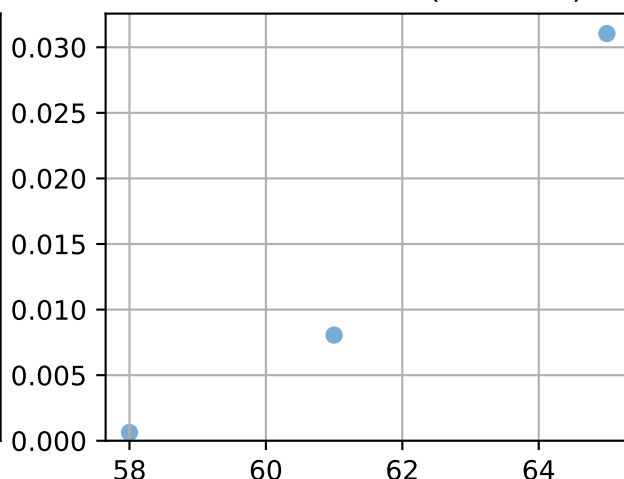
P3-2-55-28T3Fr1 (fit failed)



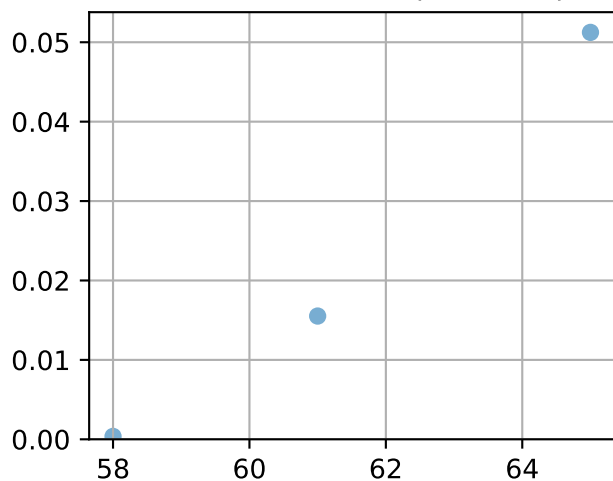
P3-2-55-28T4Fr1 (fit failed)



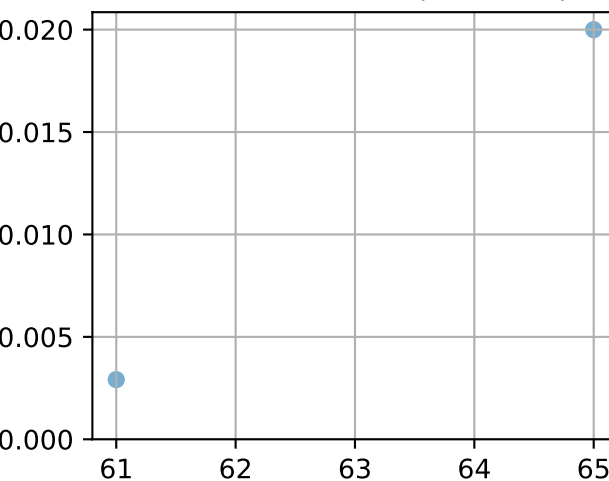
P3-2-55-28T4Fr5 (fit failed)



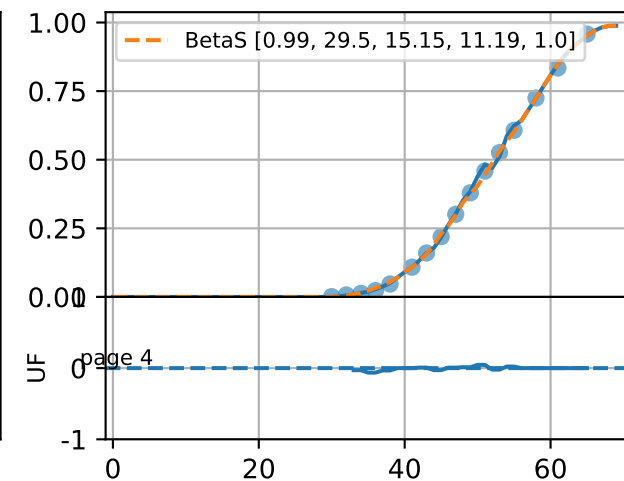
P3-2-55-28T5Fr1 (fit failed)

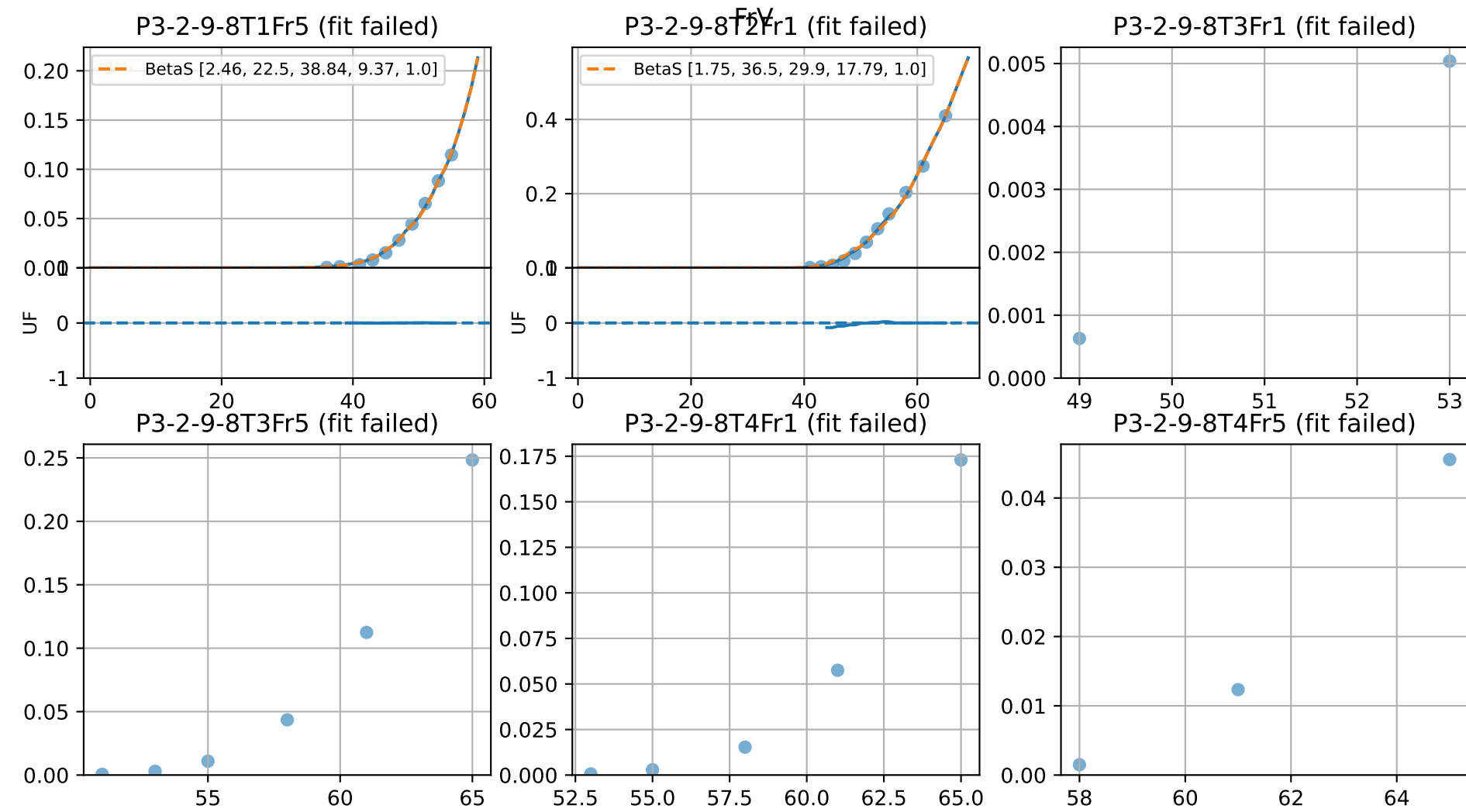


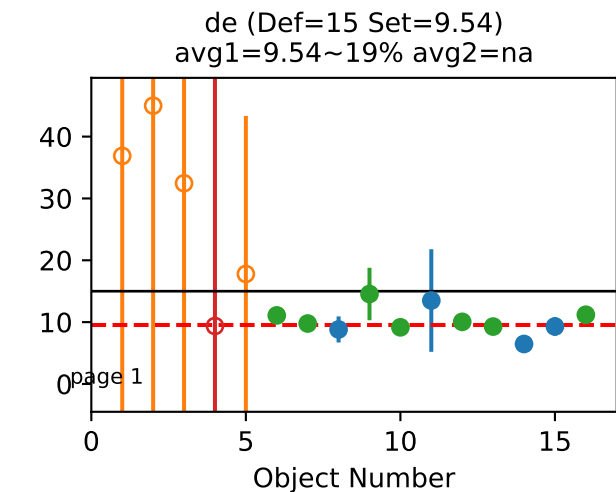
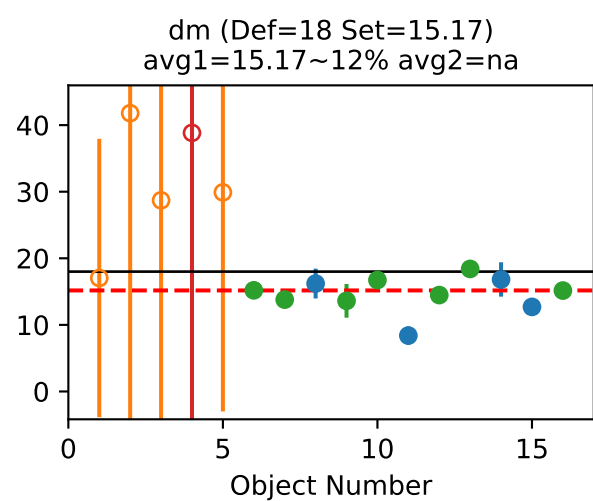
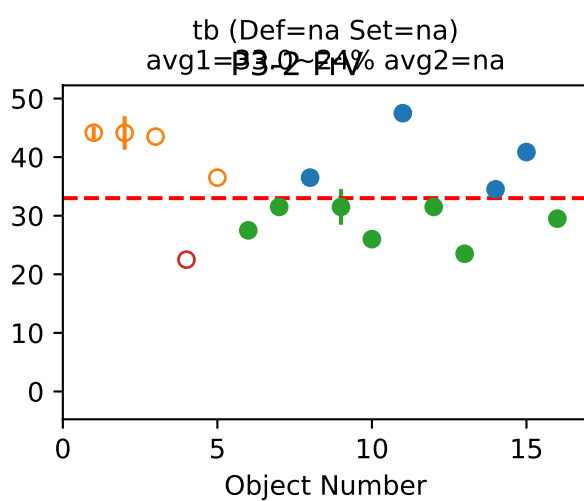
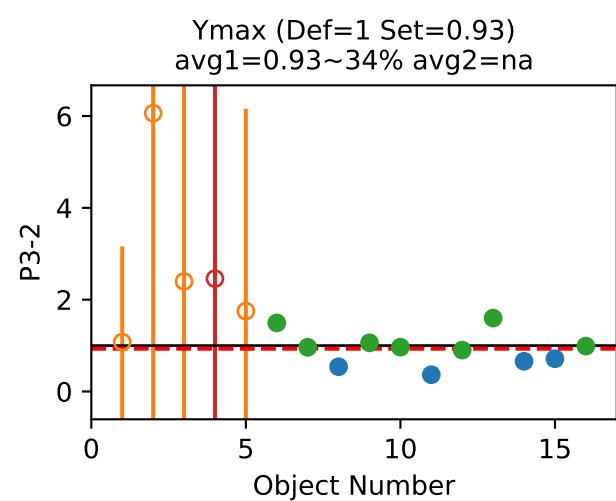
P3-2-55-28T5Fr5 (fit failed)



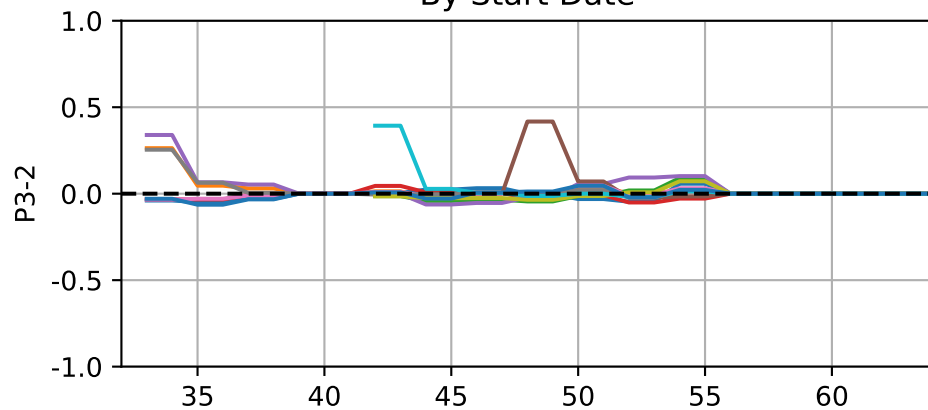
P3-2-9-8T1Fr1



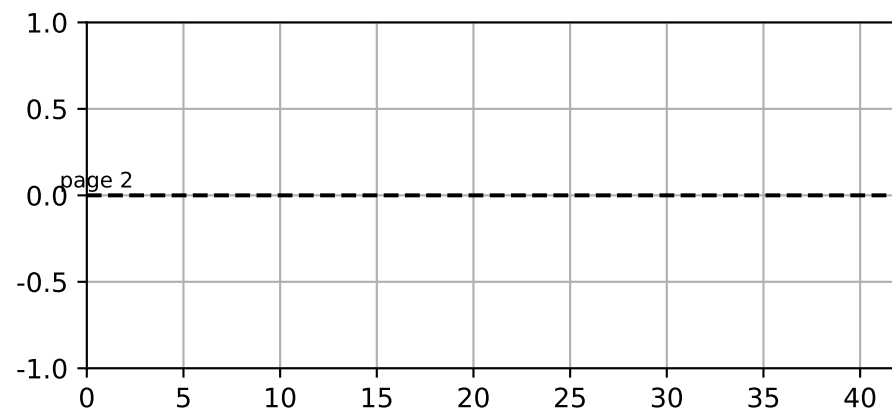
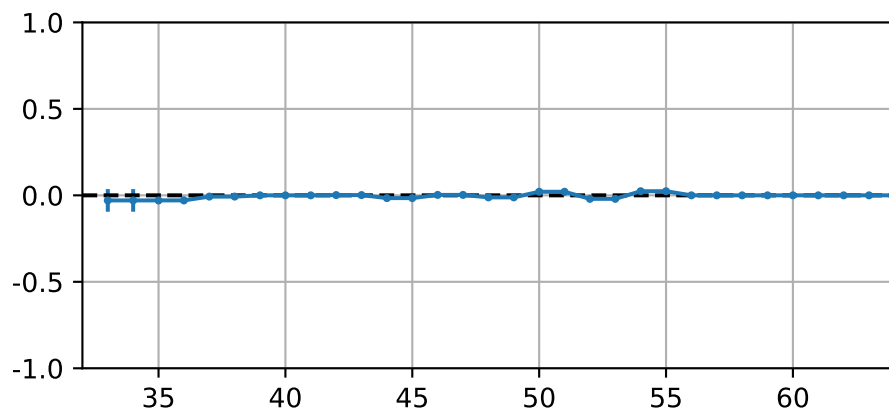
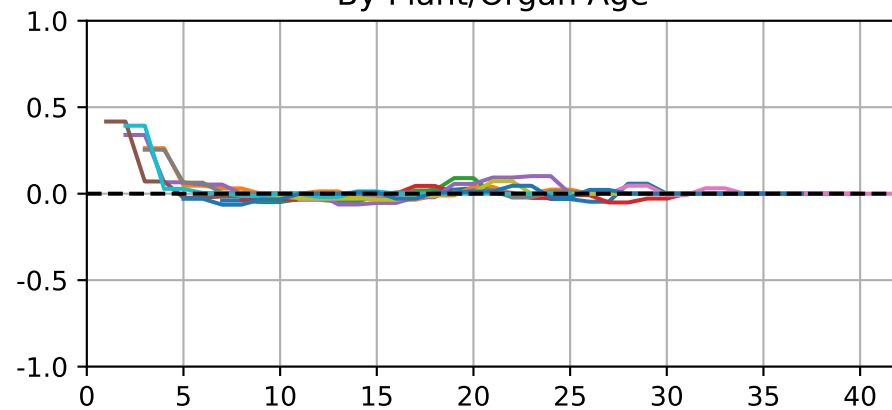




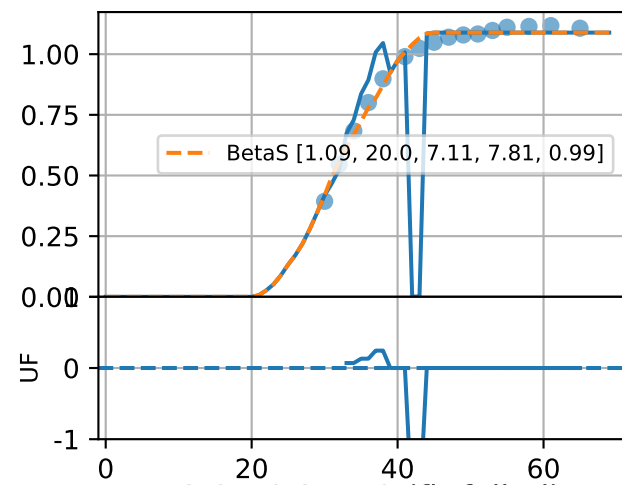
By Start Date



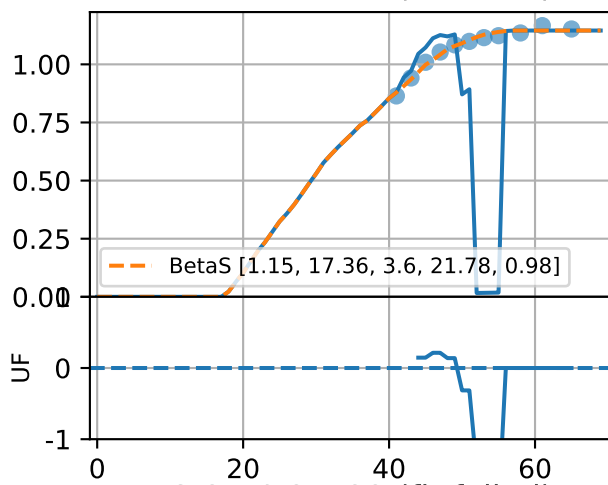
By Plant/Organ Age



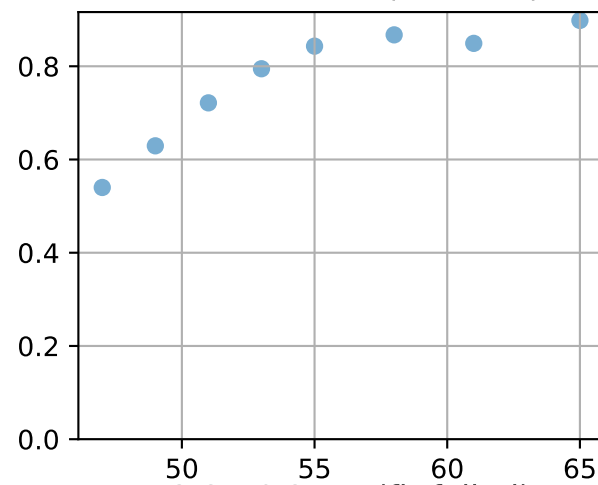
P3-2-16-21L10



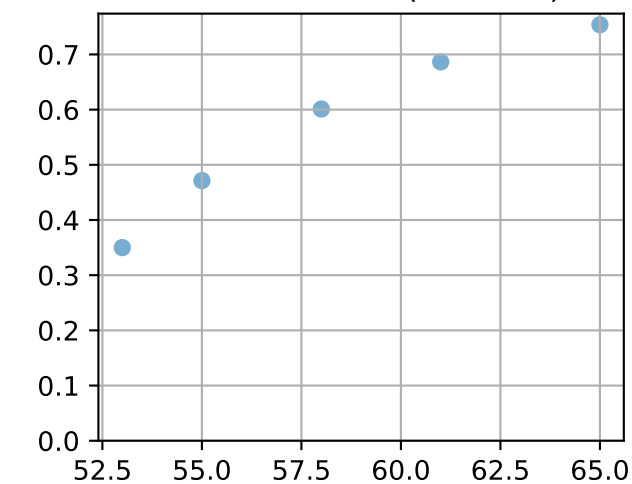
P3-2-16-21L13 (fit failed)



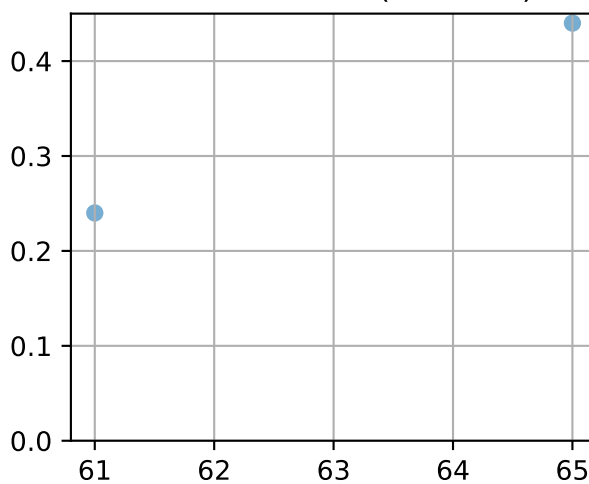
P3-2-16-21L16 (fit failed)



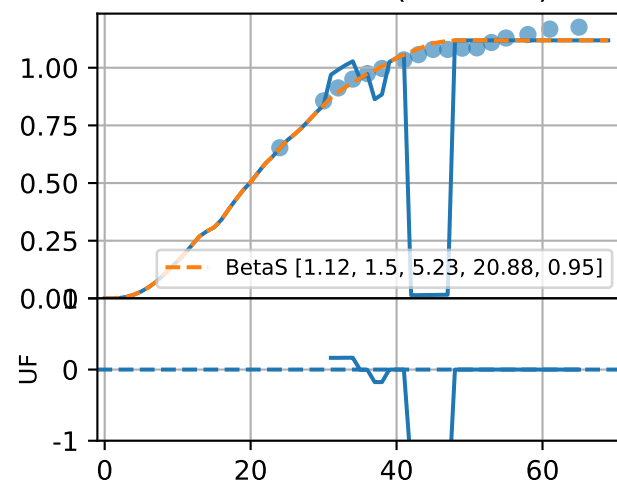
P3-2-16-21L19 (fit failed)



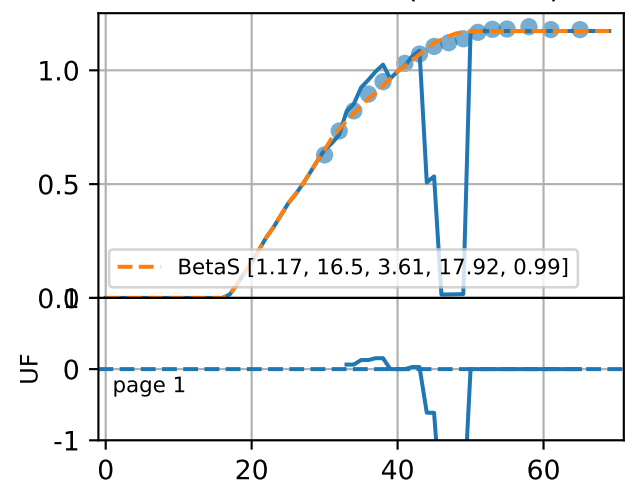
P3-2-16-21L22 (fit failed)



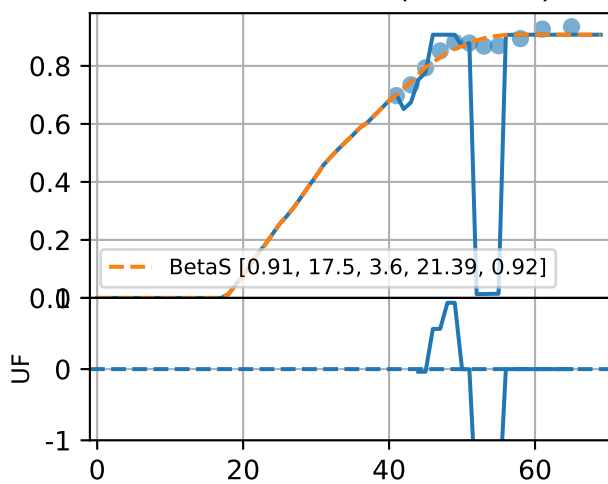
P3-2-16-21L7 (fit failed)



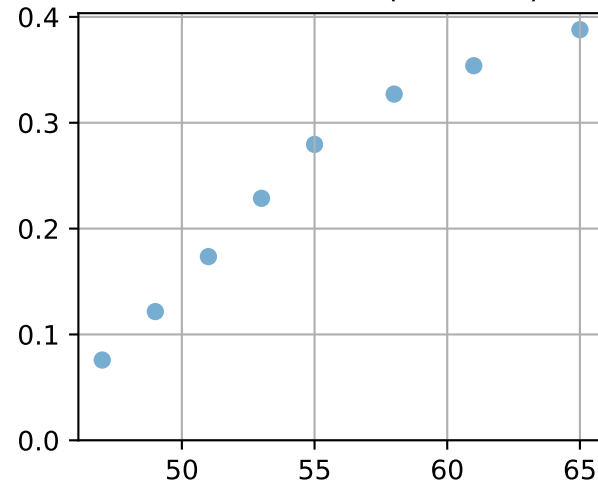
P3-2-24-18L10 (fit failed)



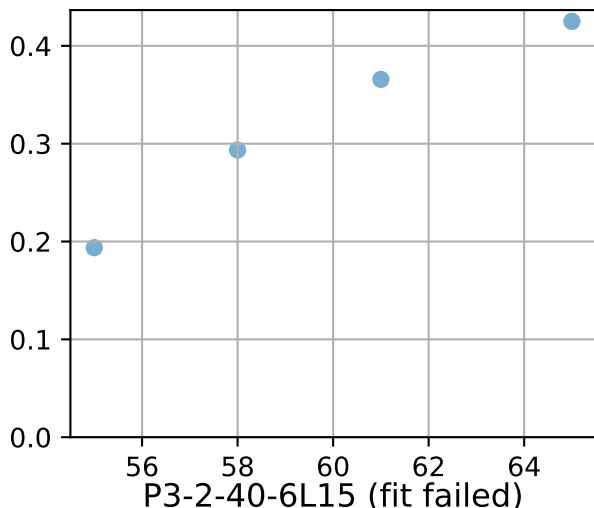
P3-2-24-18L13 (fit failed)



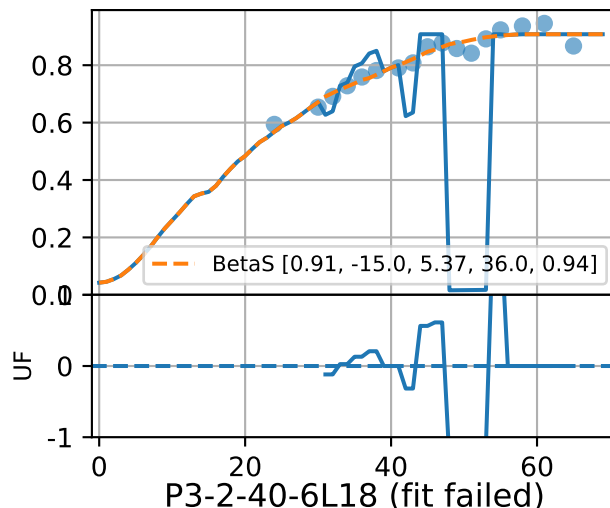
P3-2-24-18L16 (fit failed)



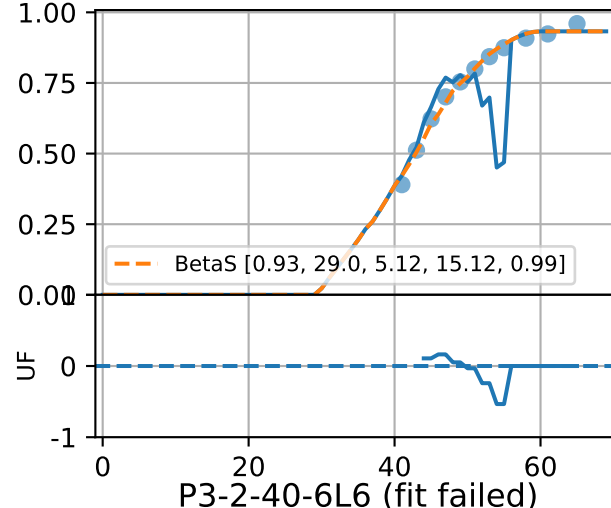
P3-2-24-18L18 (fit failed)



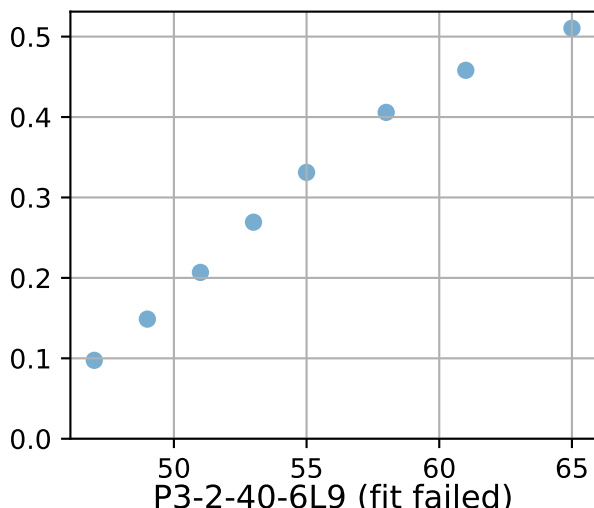
P3-2-24-18L6 (fit failed)



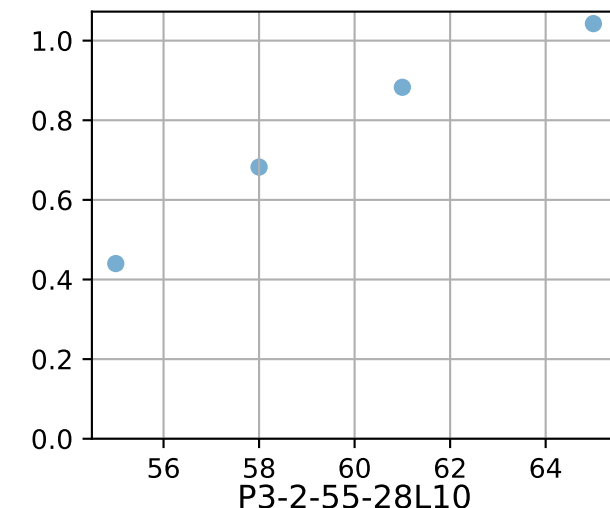
P3-2-40-6L12 (fit failed)



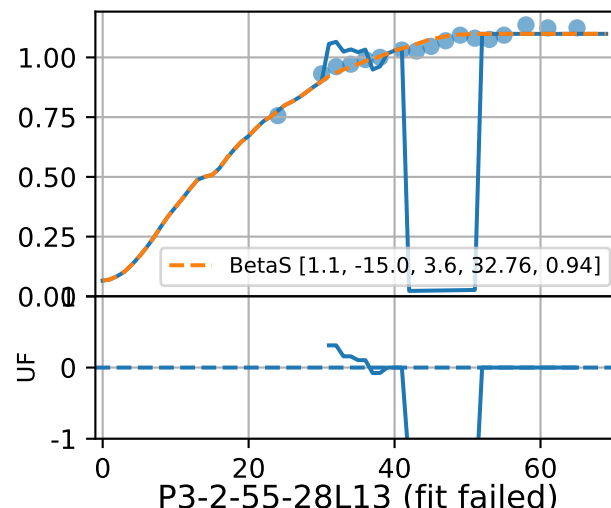
P3-2-40-6L15 (fit failed)



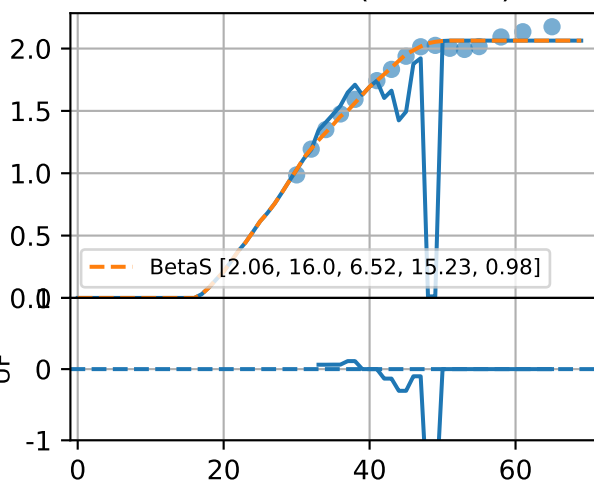
P3-2-40-6L18 (fit failed)



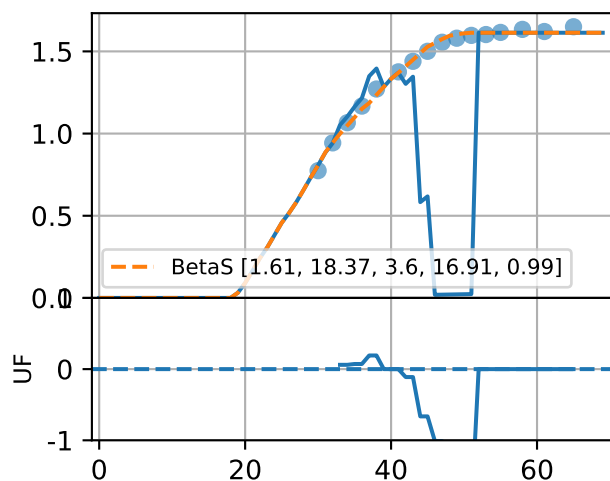
P3-2-40-6L6 (fit failed)



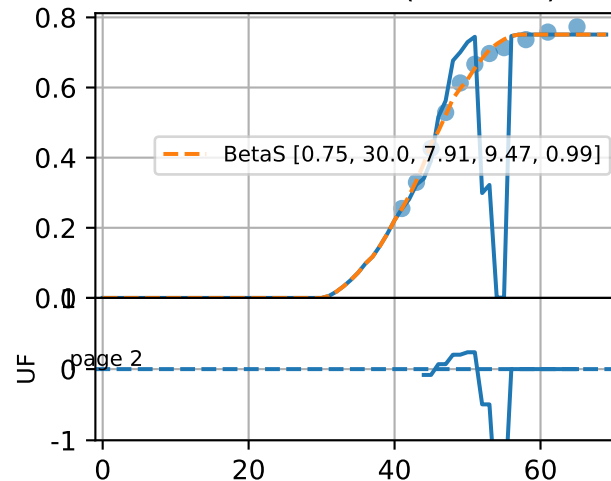
P3-2-40-6L9 (fit failed)



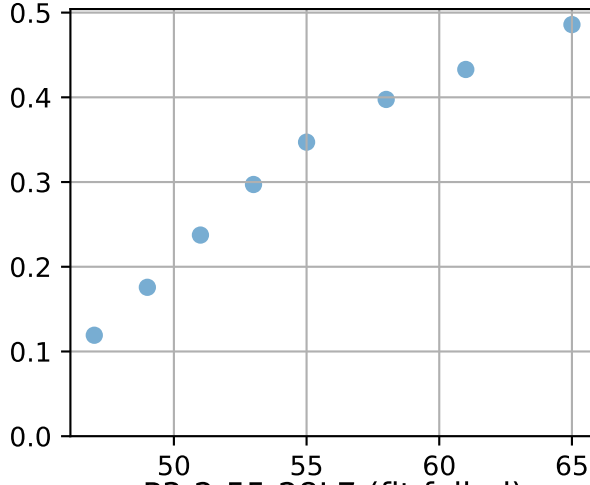
P3-2-55-28L10



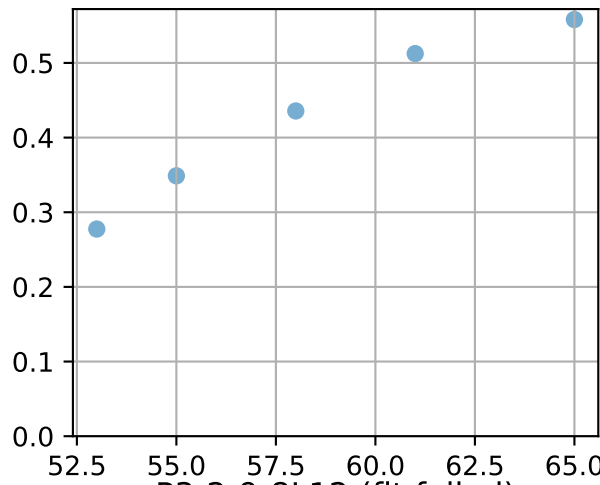
P3-2-55-28L13 (fit failed)



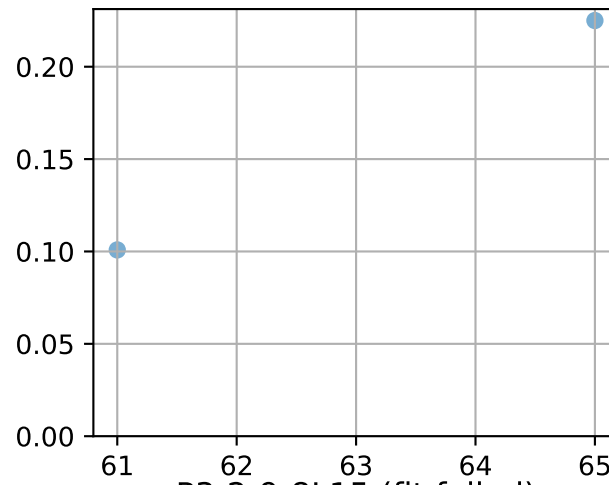
P3-2-55-28L16 (fit failed)



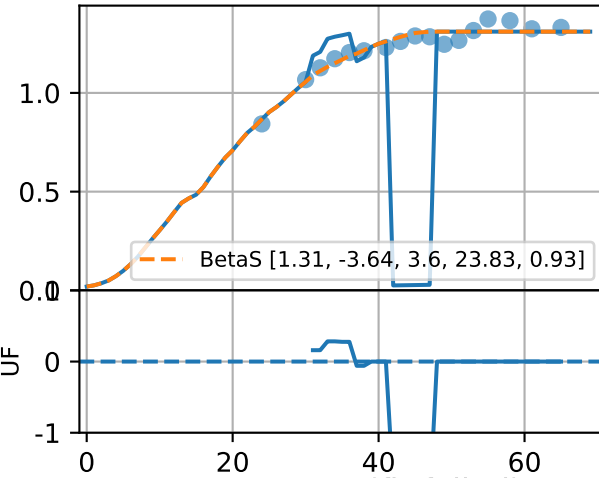
P3-2-55-28L18 (fit failed)



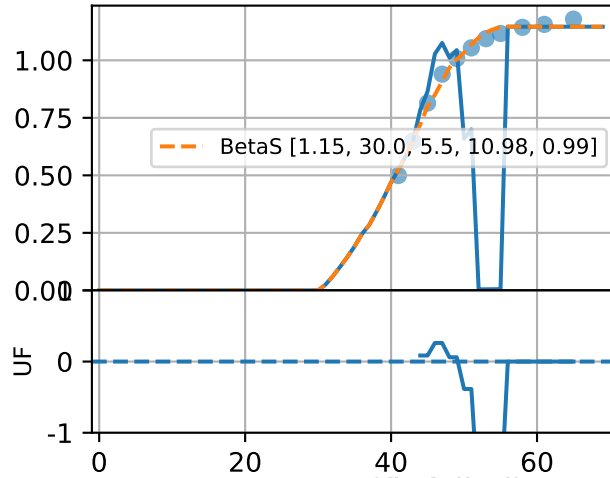
P3-2-55-28L21 (fit failed)



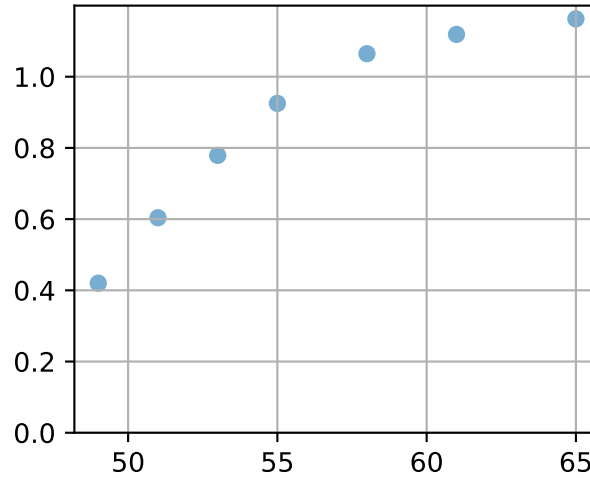
P3-2-55-28L7 (fit failed)



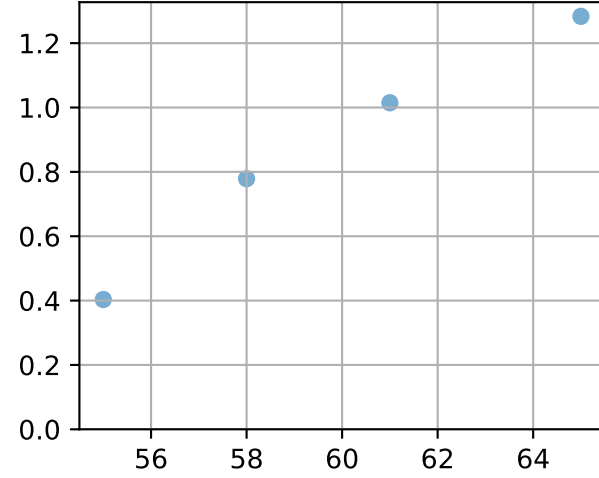
P3-2-9-8L12 (fit failed)



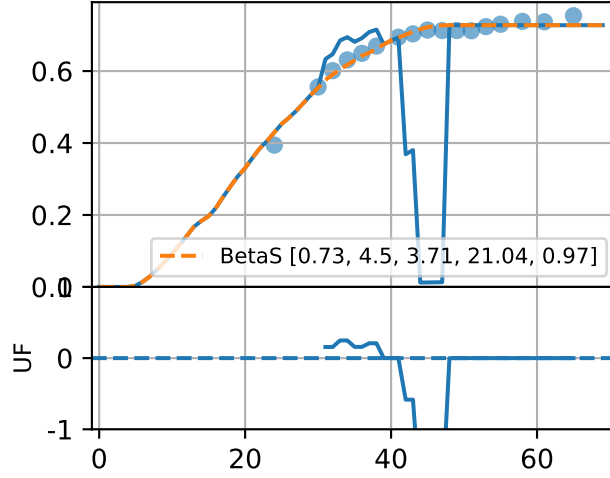
P3-2-9-8L15 (fit failed)



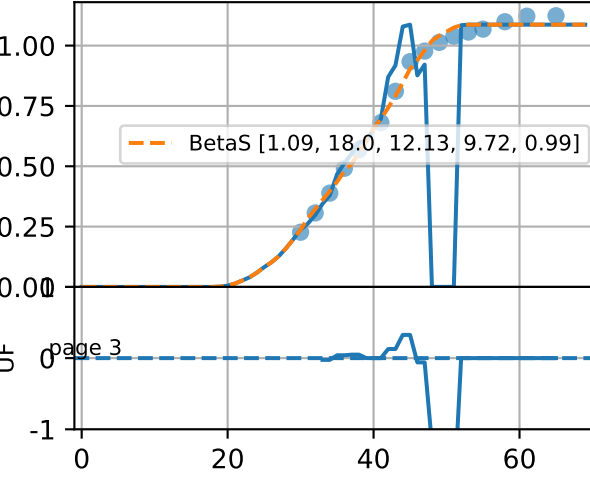
P3-2-9-8L18 (fit failed)

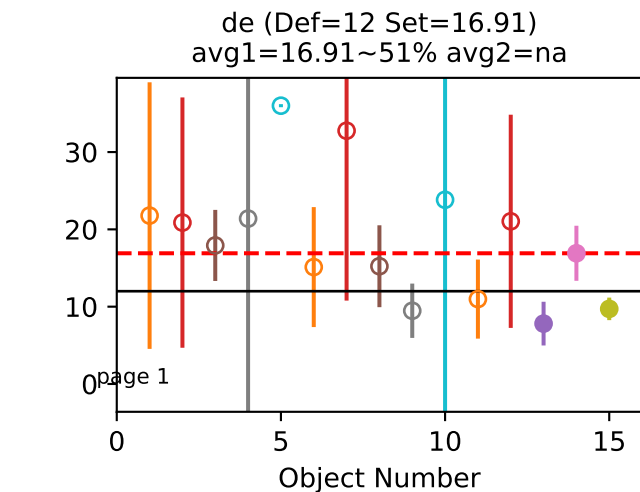
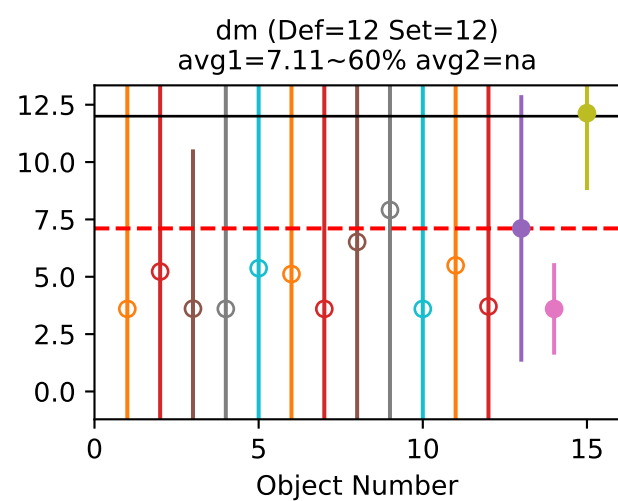
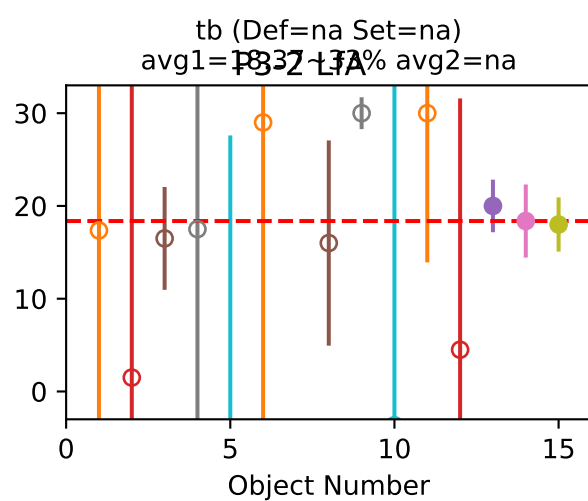
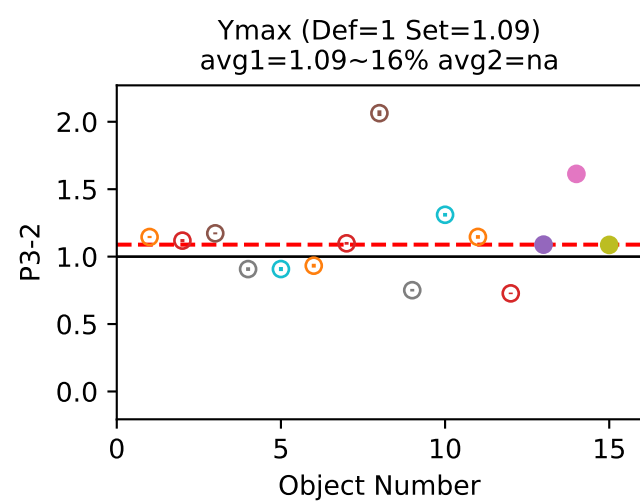


P3-2-9-8L6 (fit failed)

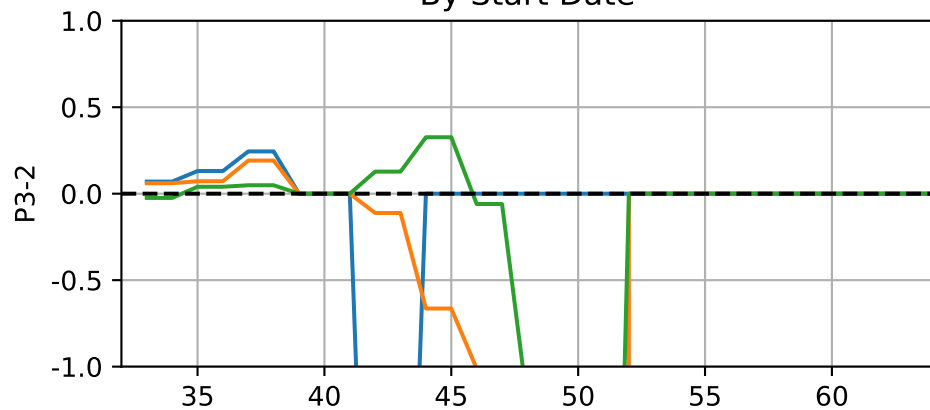


P3-2-9-8L9 (fit failed)

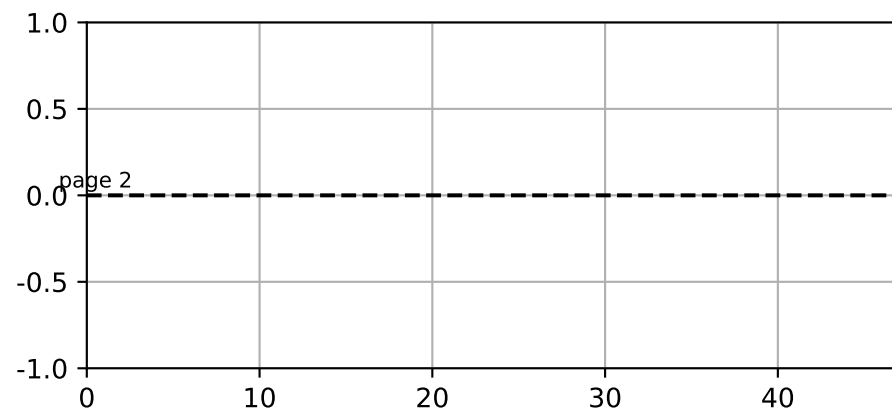
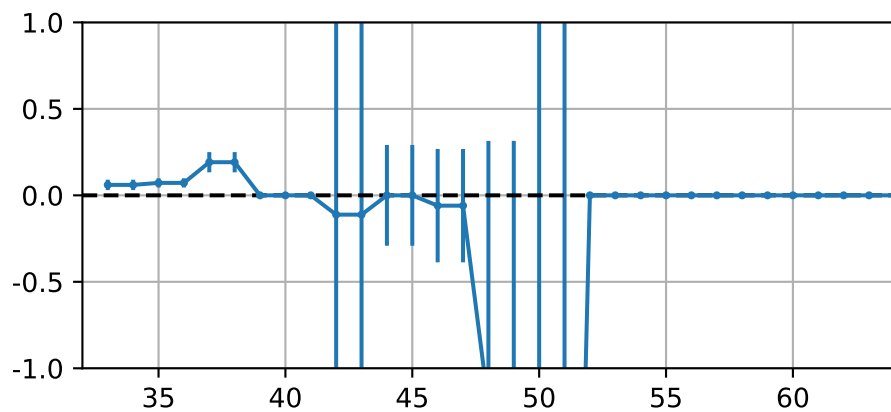
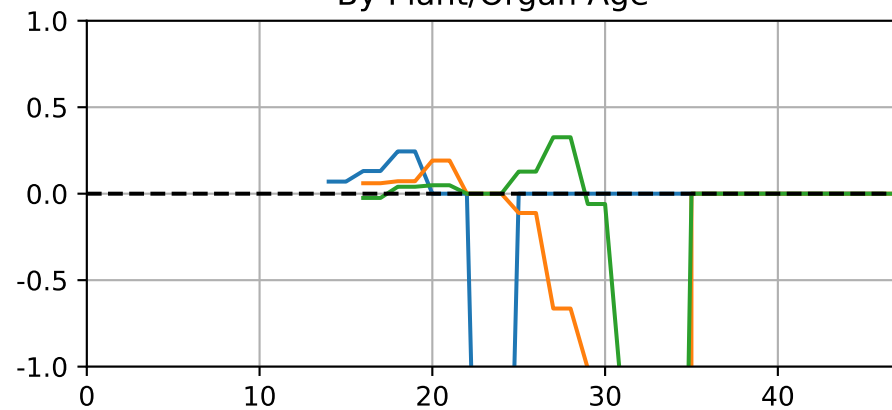


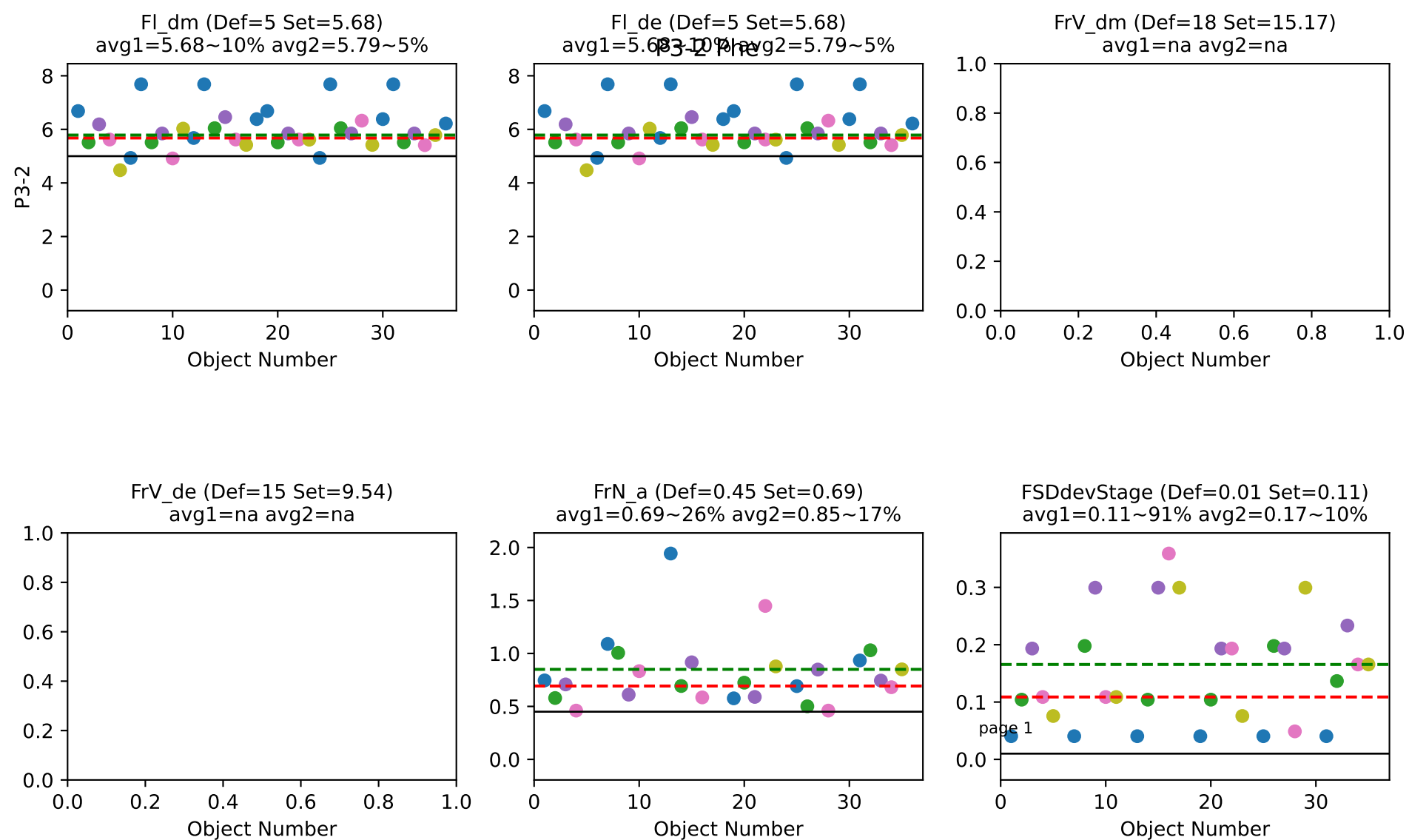


By Start Date

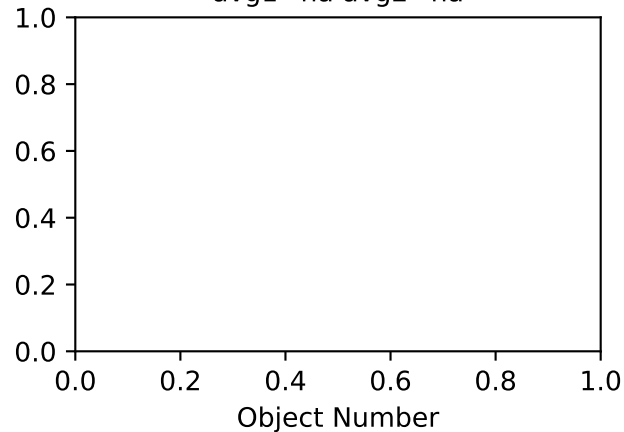


By Plant/Organ Age

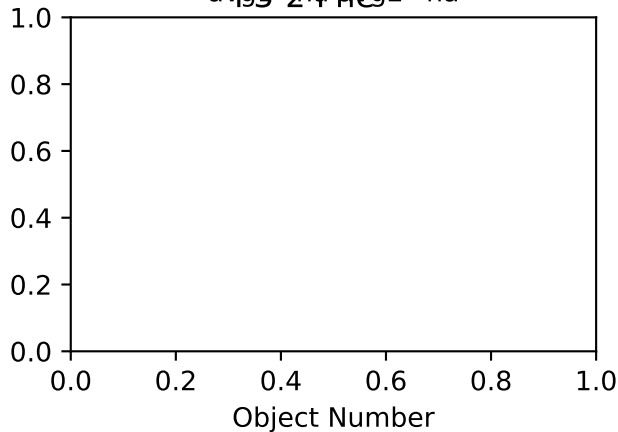




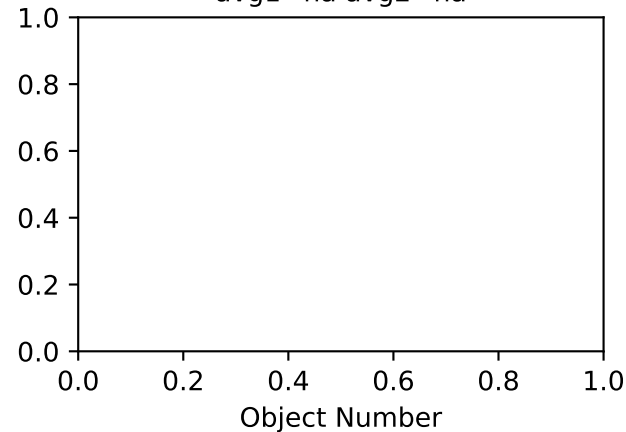
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



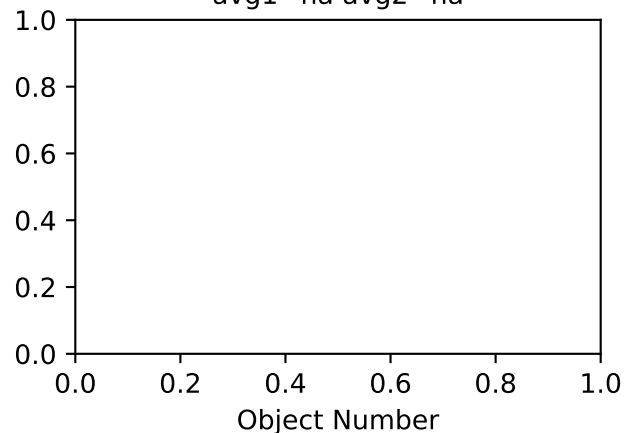
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



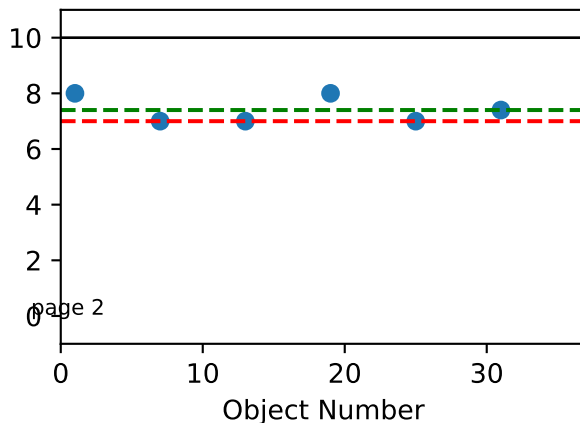
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

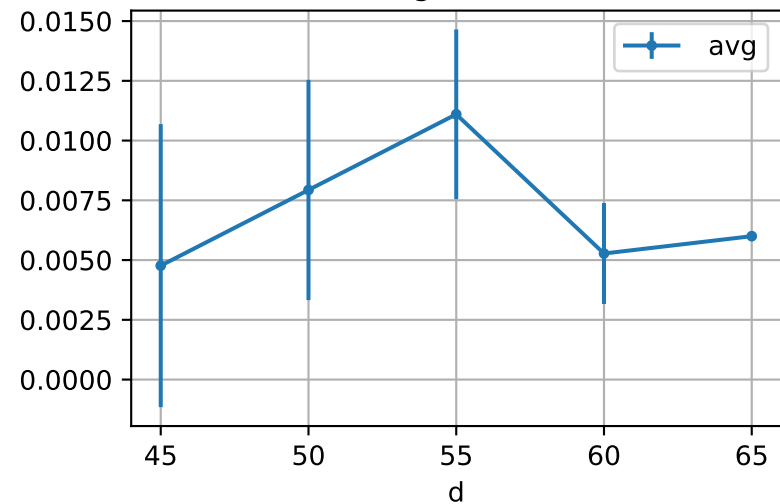


NNgen (Def=10 Set=7)
avg1=7.0~8% avg2=7.4

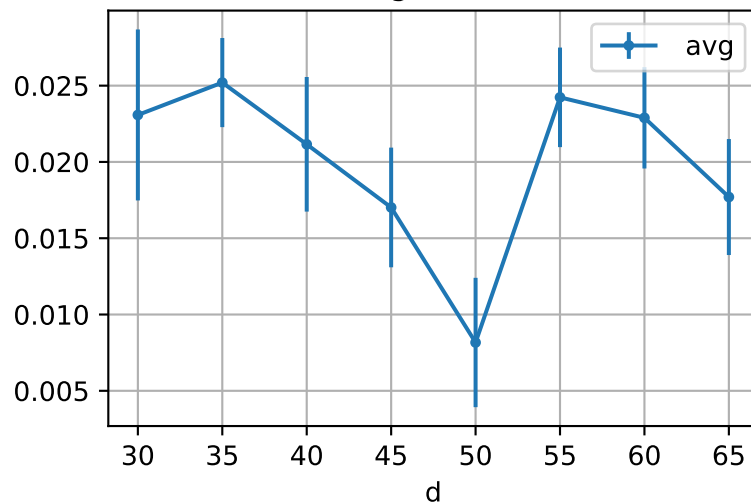


LfA: avg vs. d at each age group

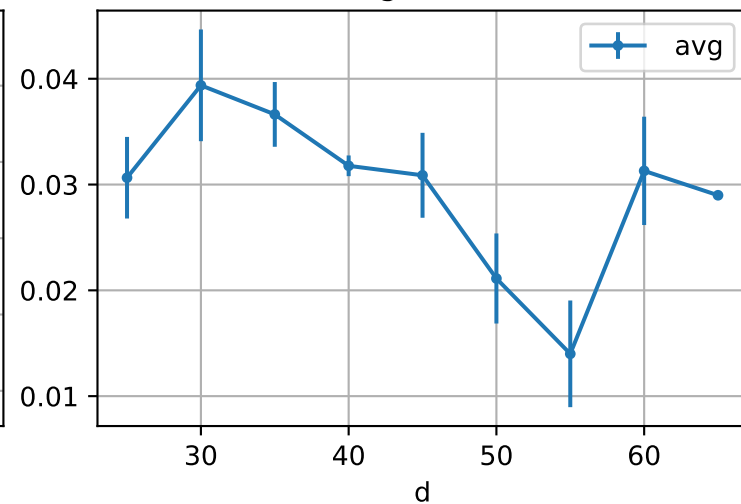
age=15



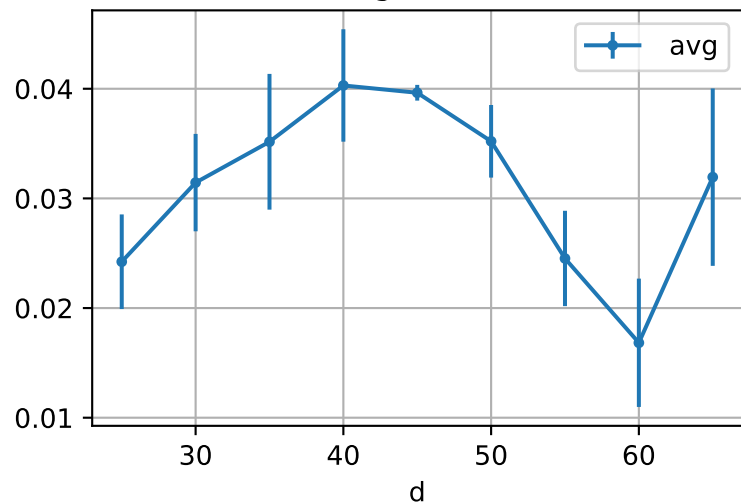
age=20



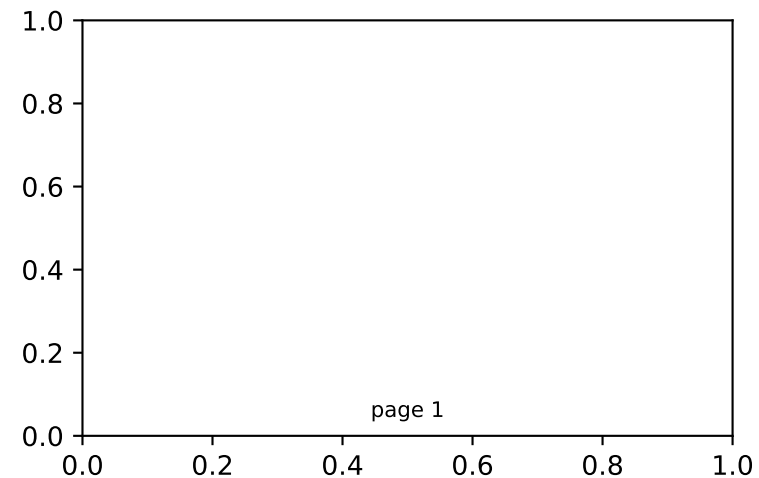
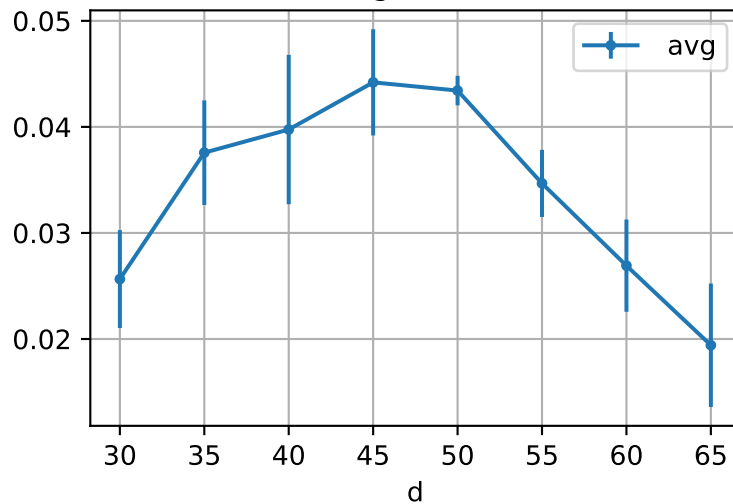
age=25



age=30

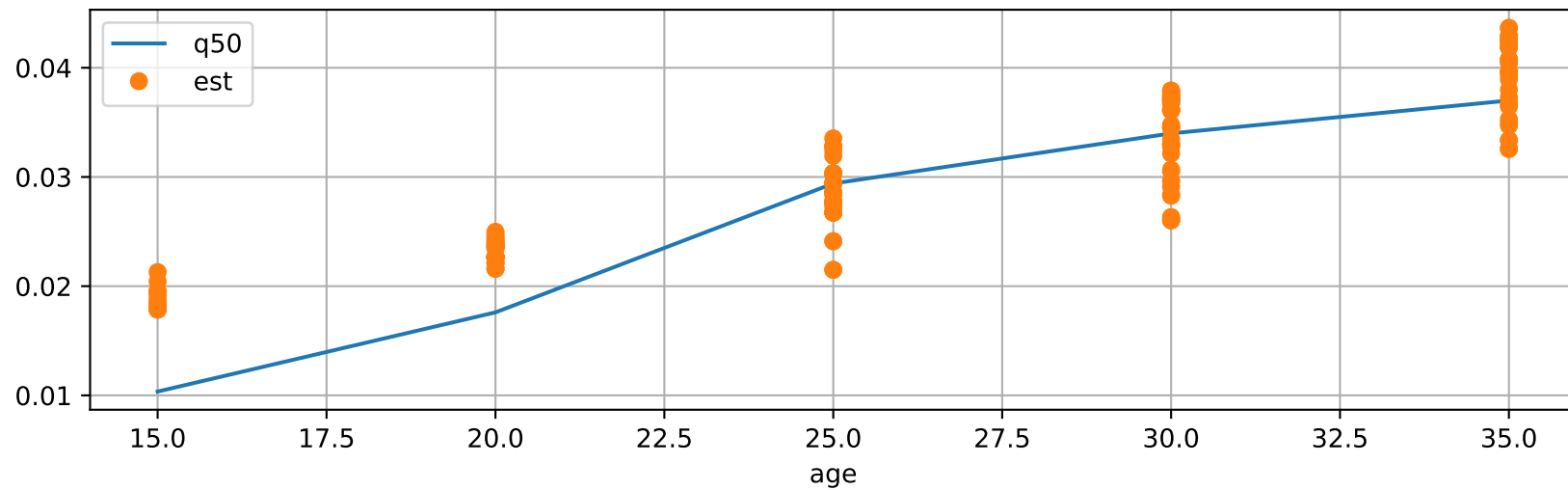


age=35



LfA: model est vs obsOv@Q50

page 2

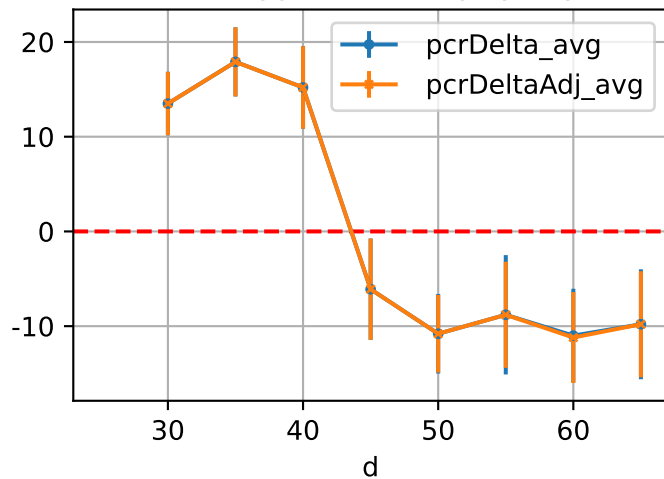
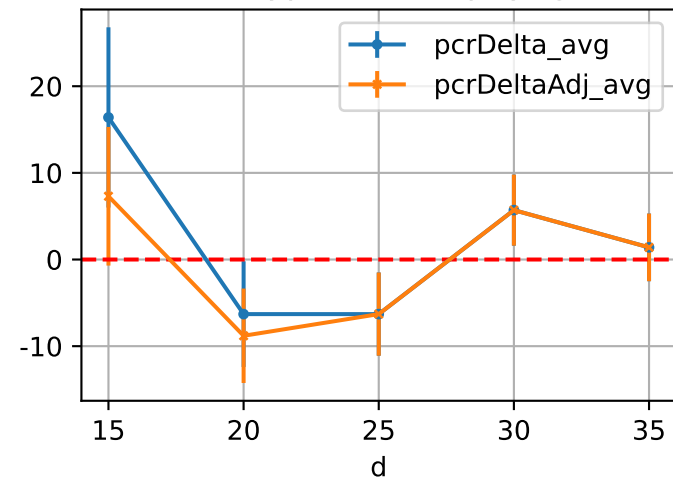


P3-2 LfA: D_5d_LfA

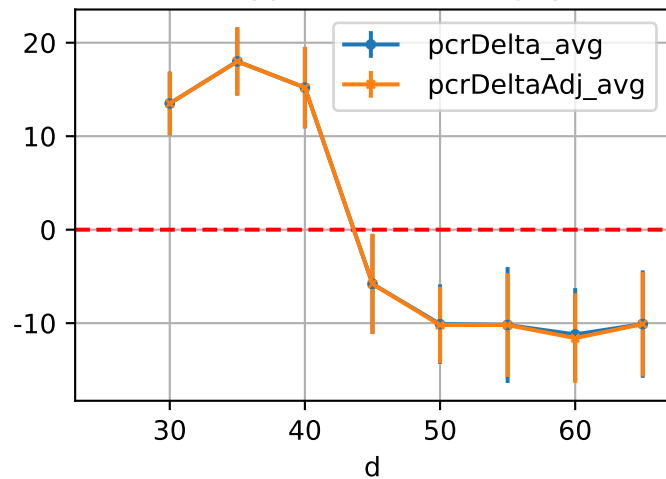
DeltaTypeAbbr=GrpByAge

DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD



page 3

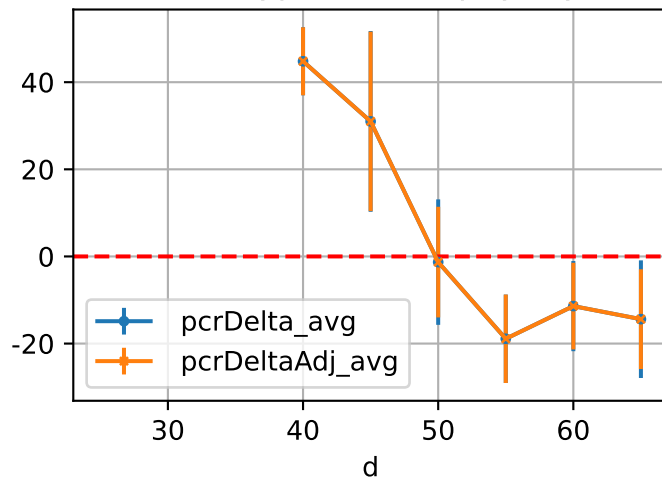
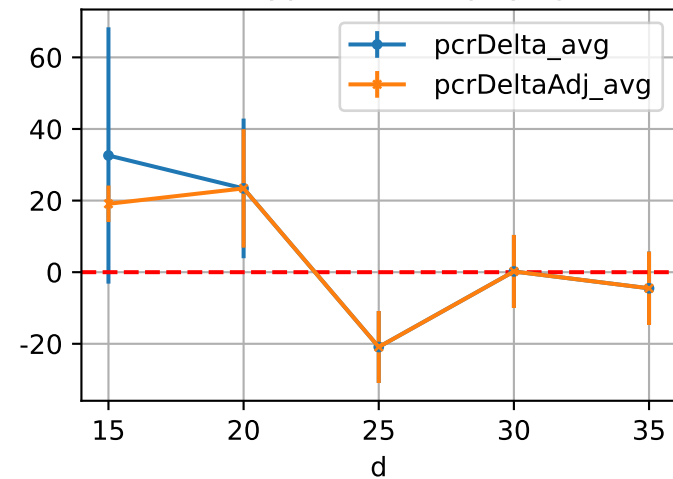


P3-2 LfA: D_15d_LfA

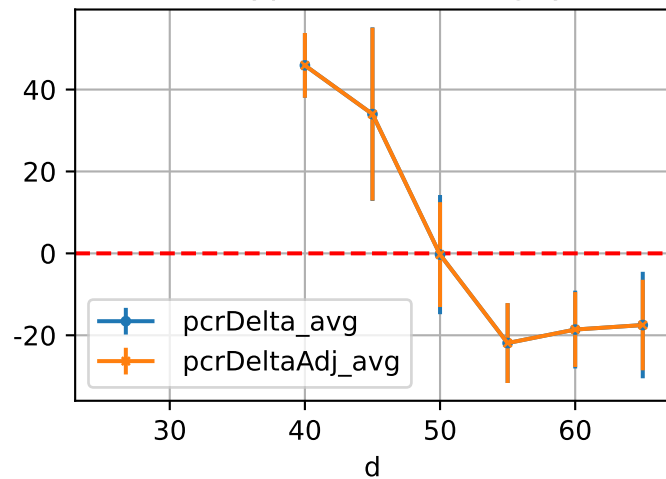
DeltaTypeAbbr=GrpByAge

DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

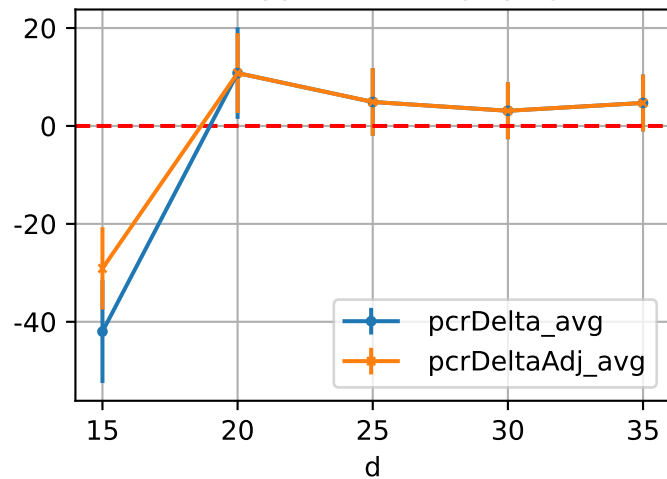


page 4

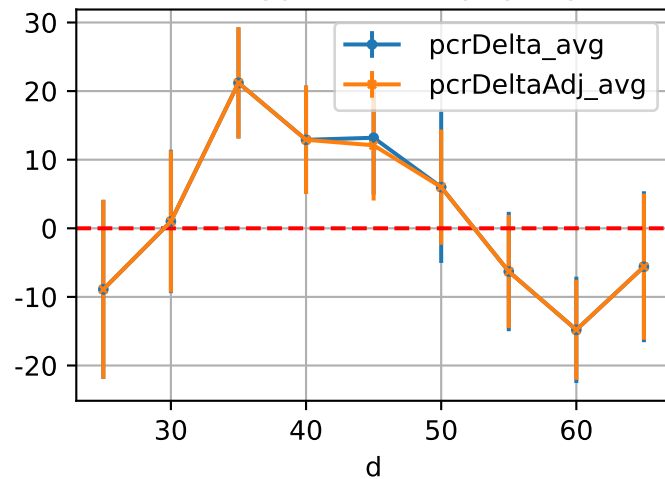


P3-2 LfA: D_Q50_LfA

DeltaTypeAbbr=GrpByAge

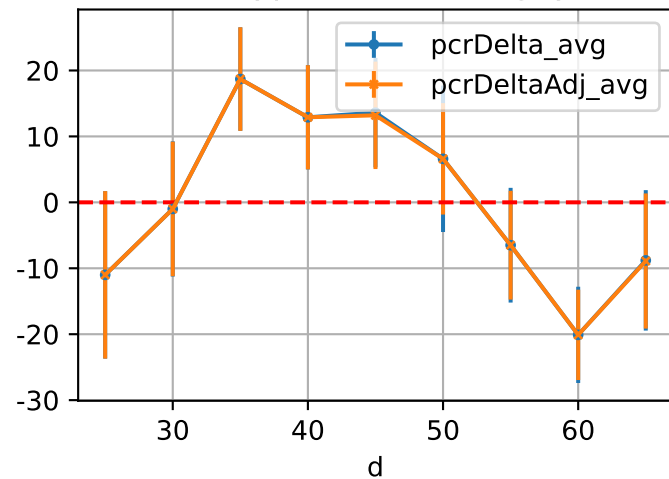


DeltaTypeAbbr=GrpByDay



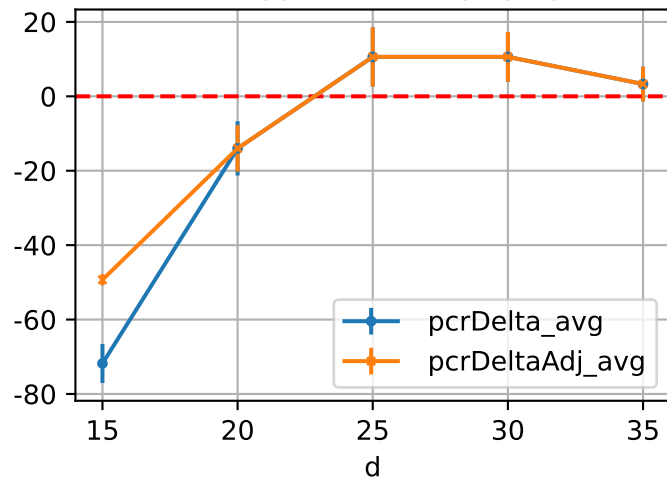
page 5

DeltaTypeAbbr=WeiAvgByD

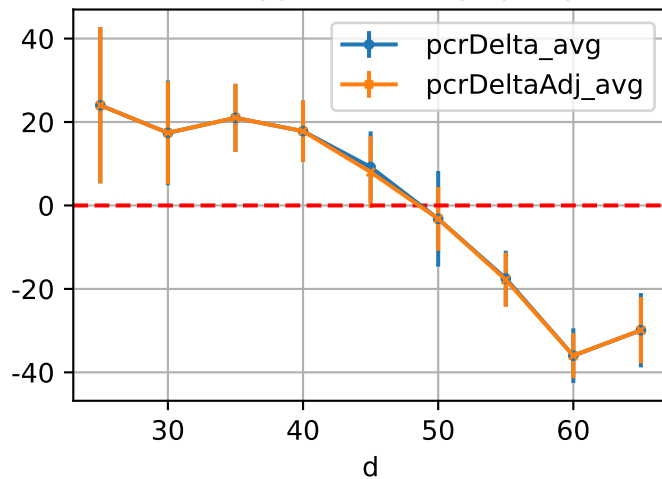


P3-2 LfA: D_Est_LfA

DeltaTypeAbbr=GrpByAge

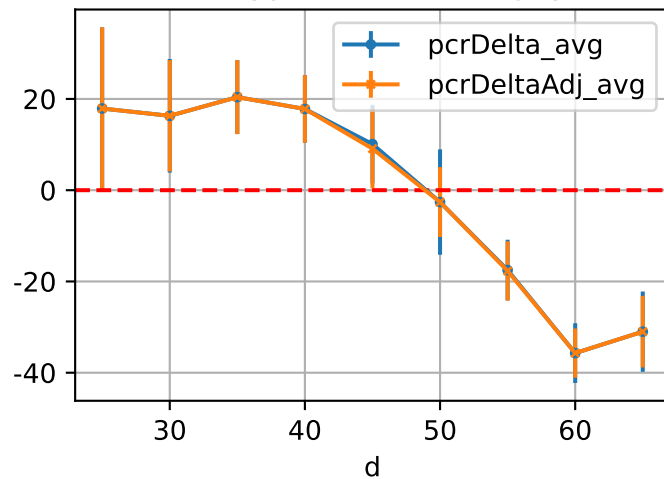


DeltaTypeAbbr=GrpByDay

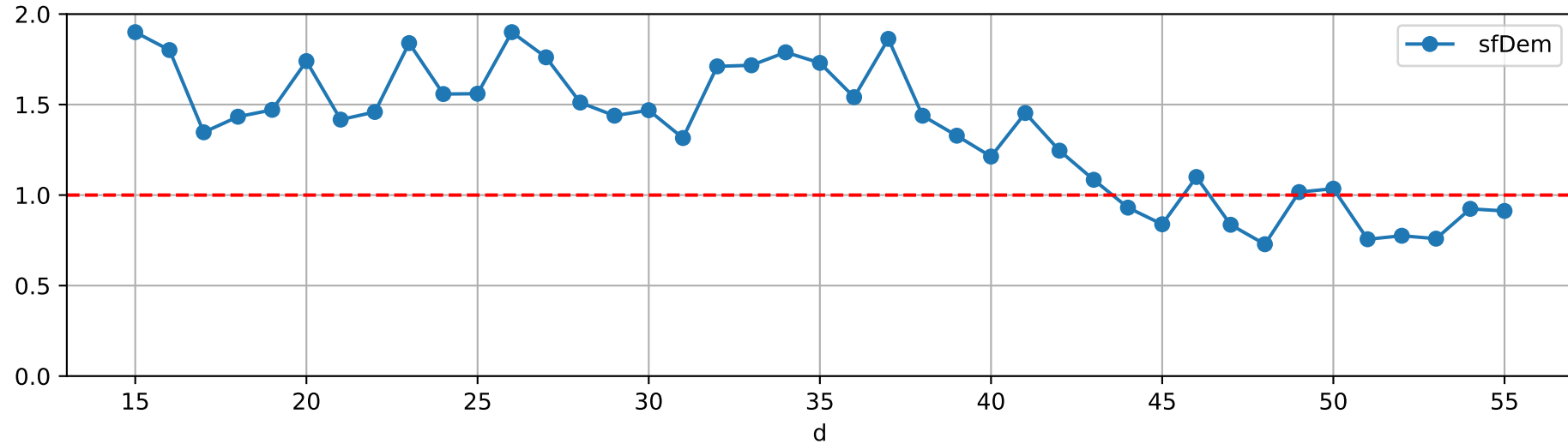


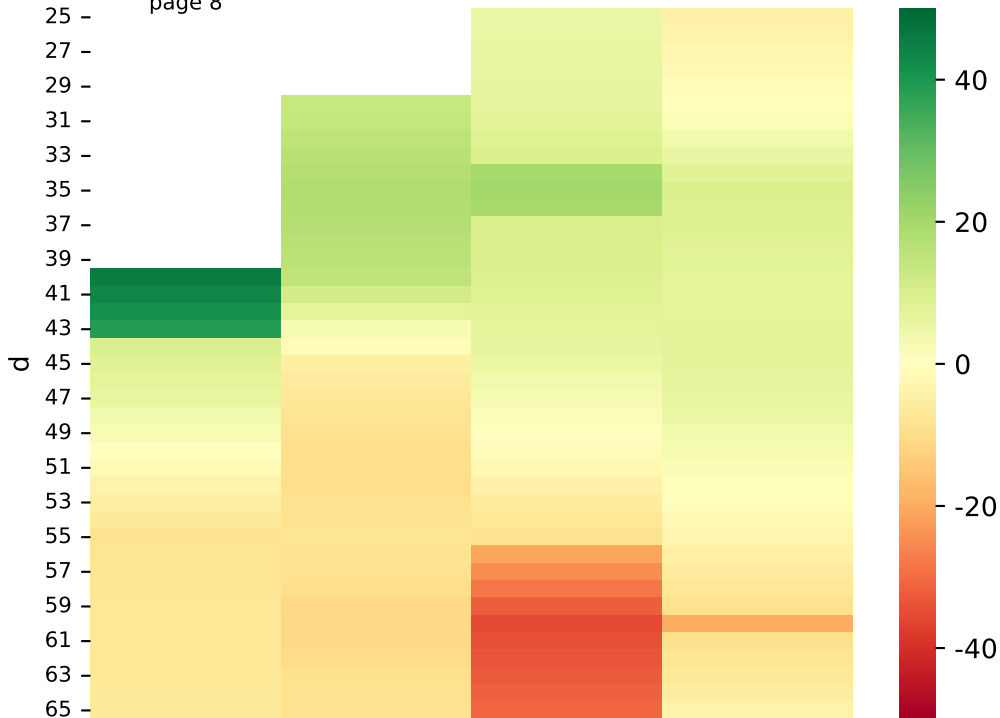
page 6

DeltaTypeAbbr=WeiAvgByD

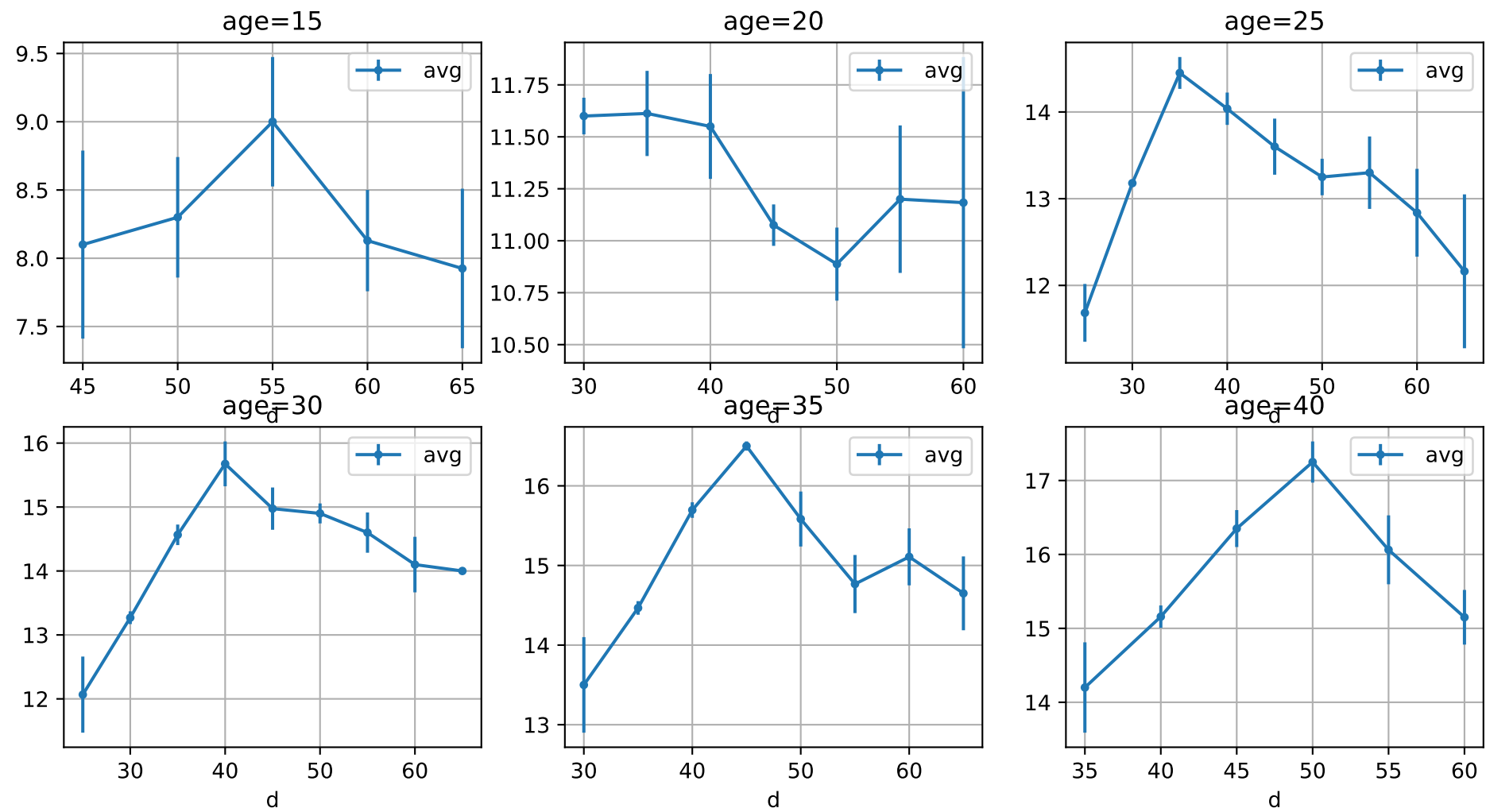


LfA: sfDem

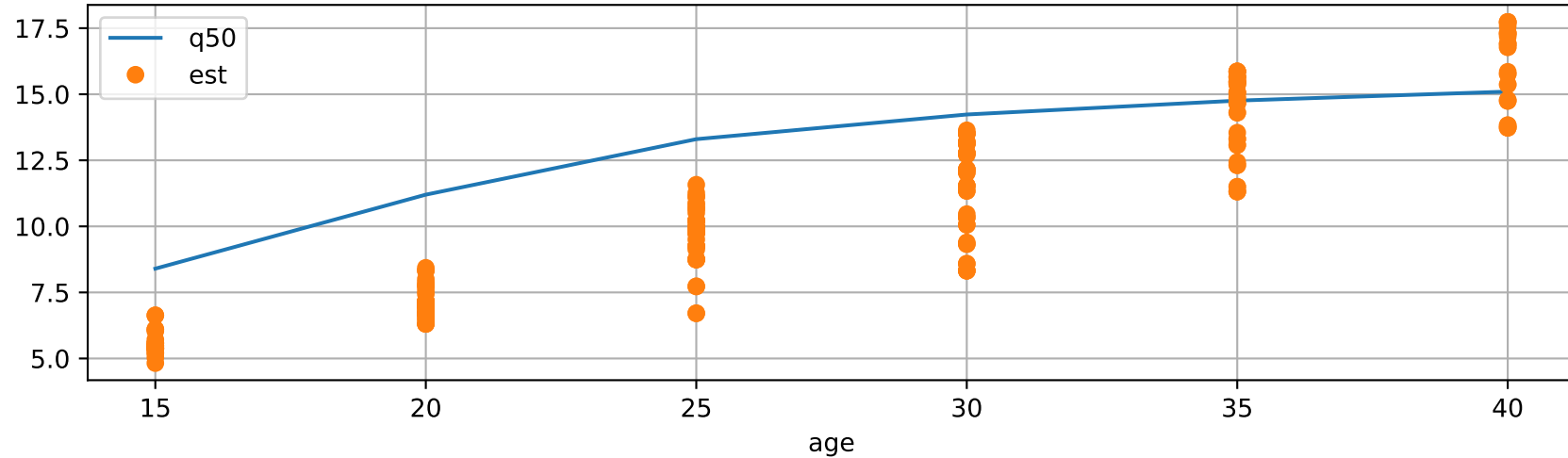




NdD: avg vs. d at each age group

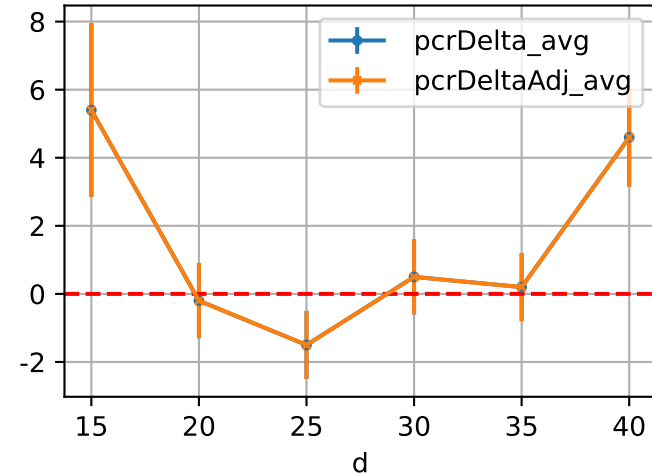


NdD: model est vs obsOv@Q50

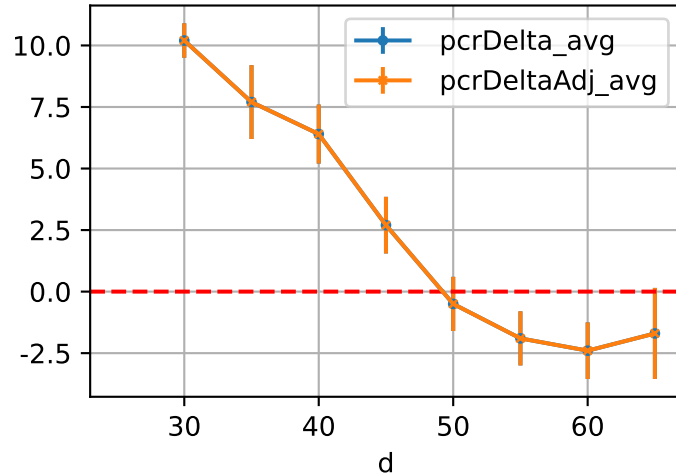


P3-2 NdD: D_5d_NdD

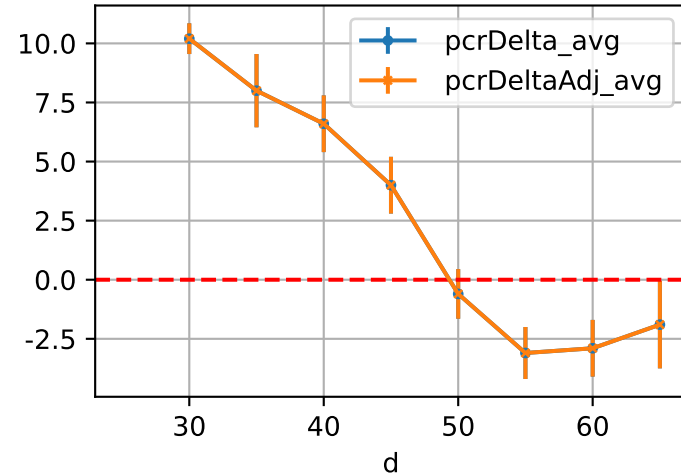
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

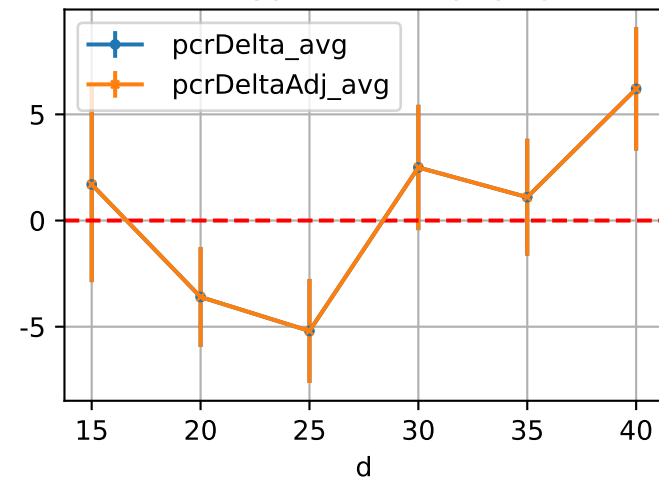


DeltaTypeAbbr=WeiAvgByD

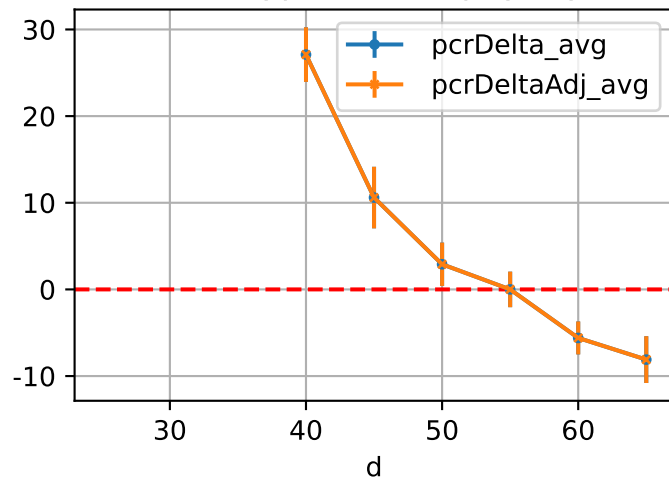


P3-2 NdD: D_15d_NdD

DeltaTypeAbbr=GrpByAge

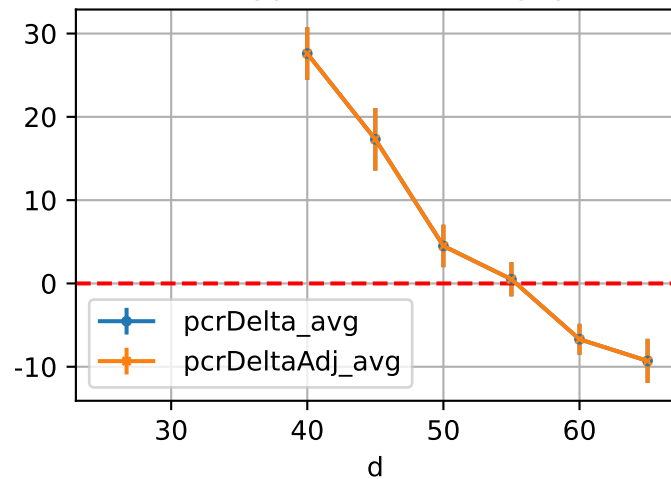


DeltaTypeAbbr=GrpByDay



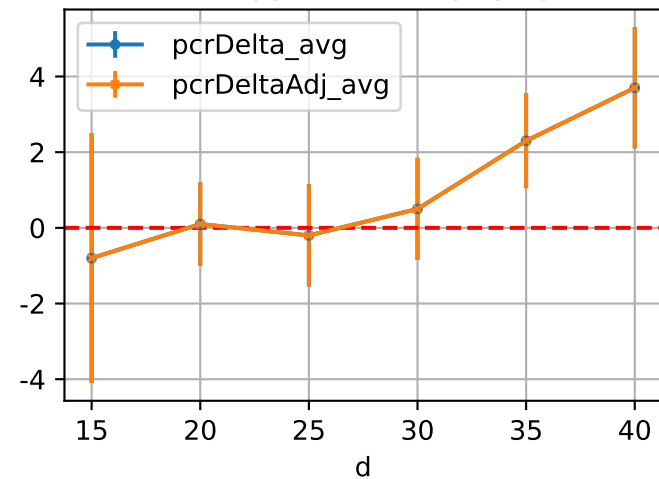
page 12

DeltaTypeAbbr=WeiAvgByD

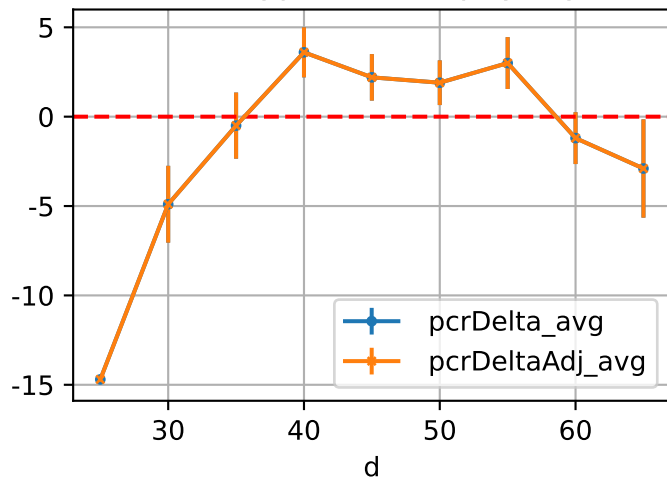


P3-2 NdD: D_Q50_NdD

DeltaTypeAbbr=GrpByAge

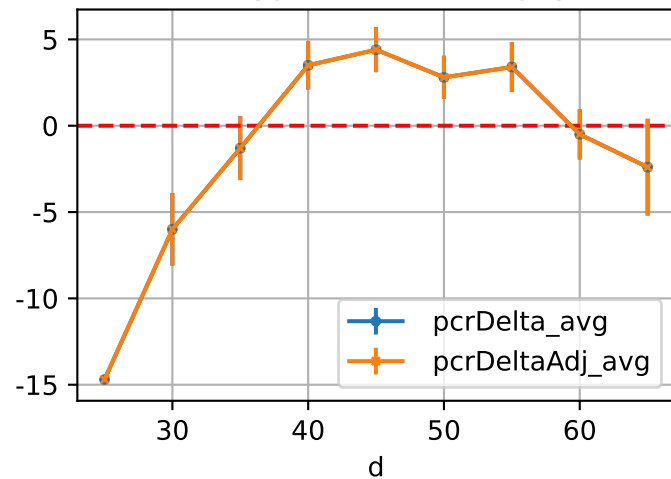


DeltaTypeAbbr=GrpByDay



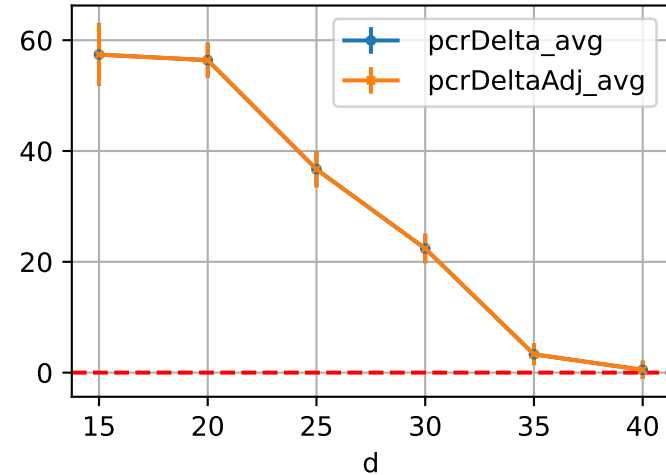
page 13

DeltaTypeAbbr=WeiAvgByD

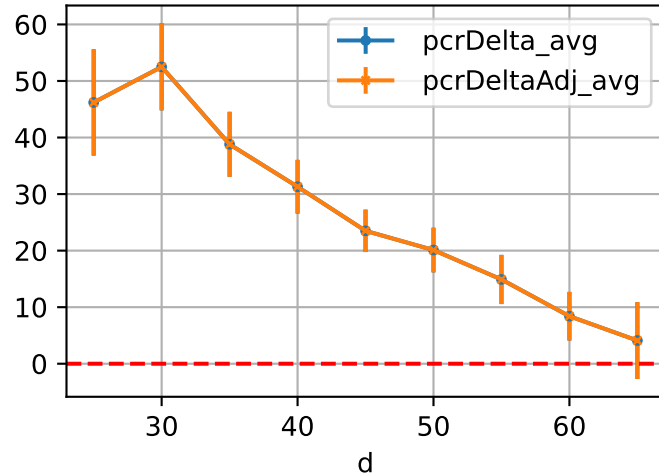


P3-2 NdD: D_Est_NdD

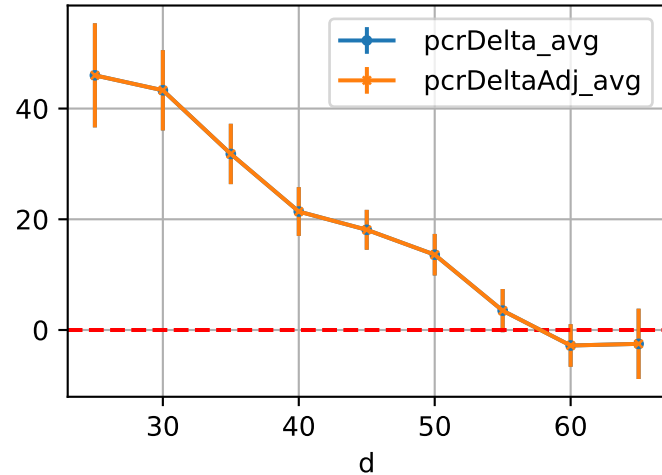
DeltaTypeAbbr=GrpByAge



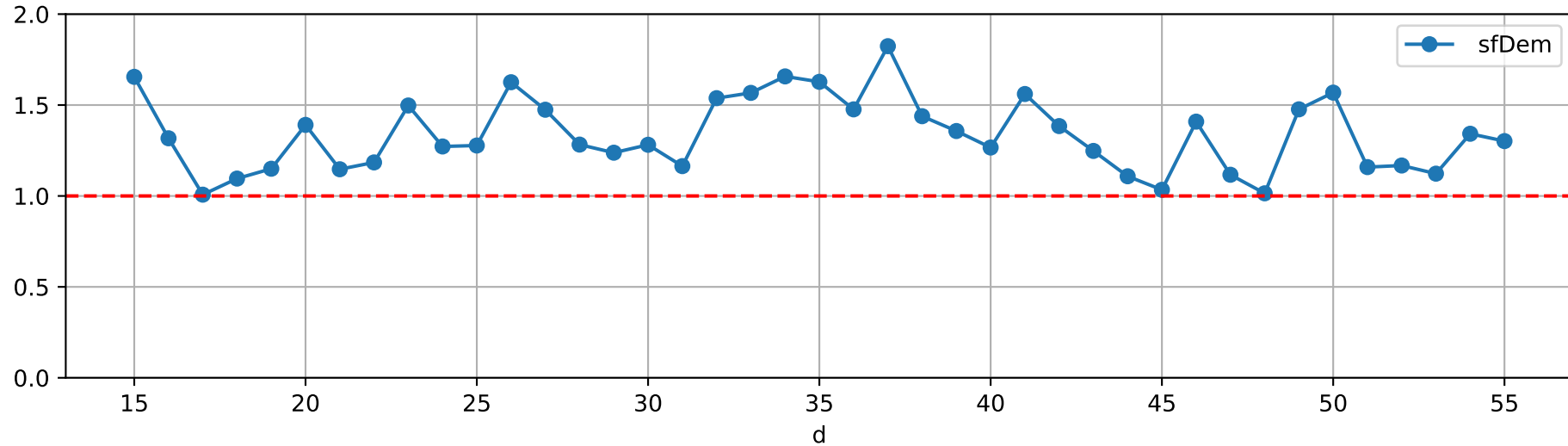
DeltaTypeAbbr=GrpByDay

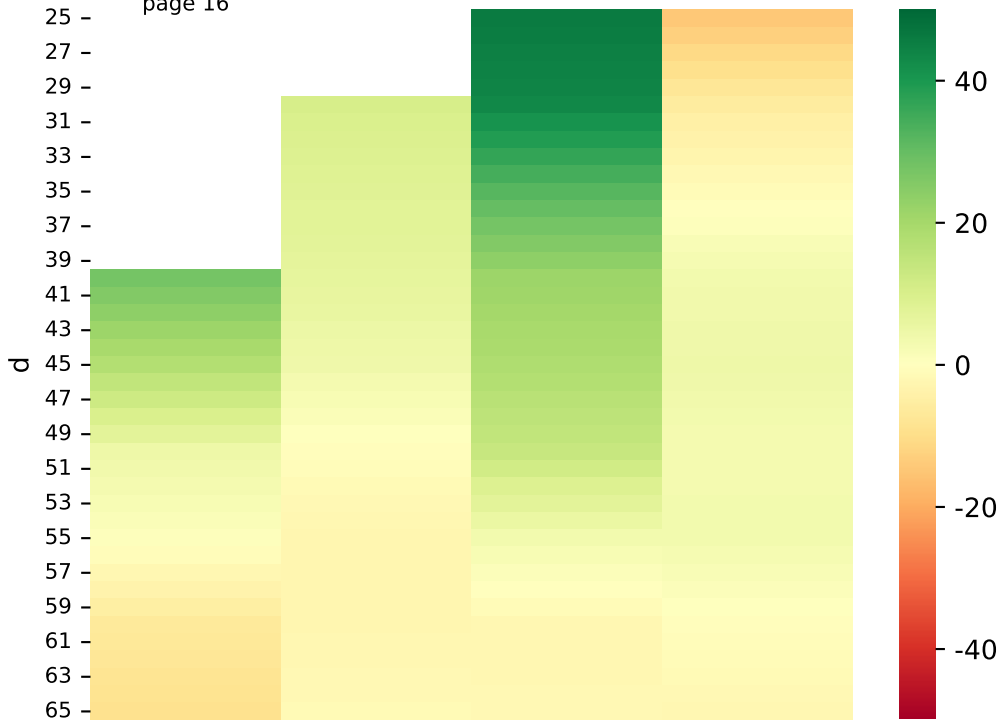


DeltaTypeAbbr=WeiAvgByD

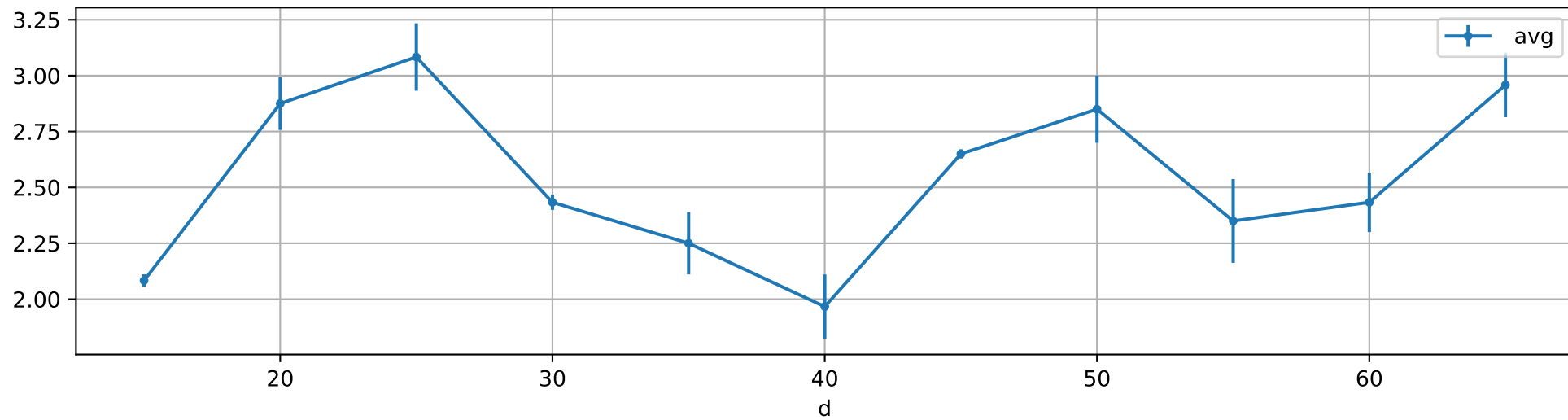


NdD: sfDem

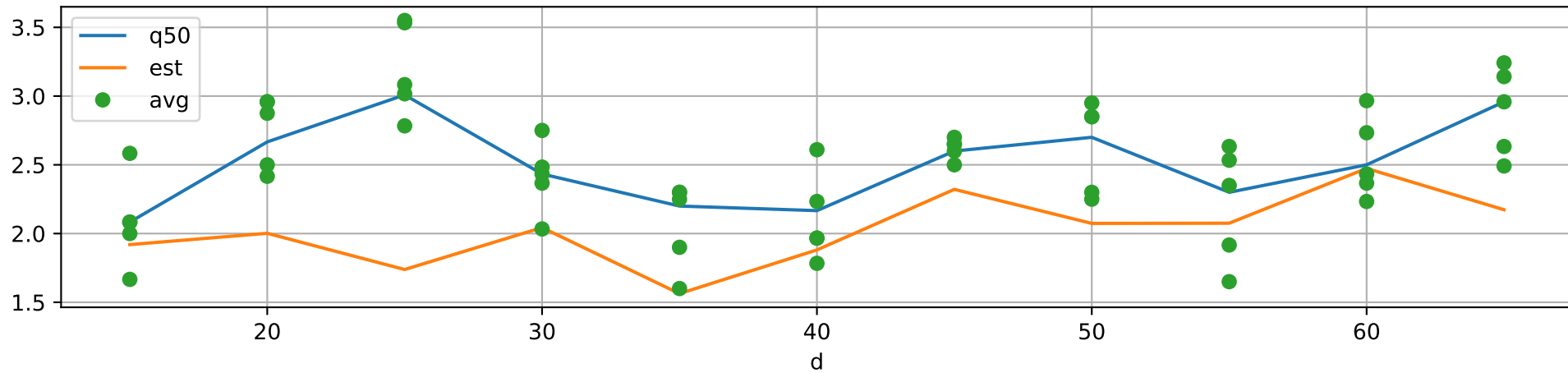




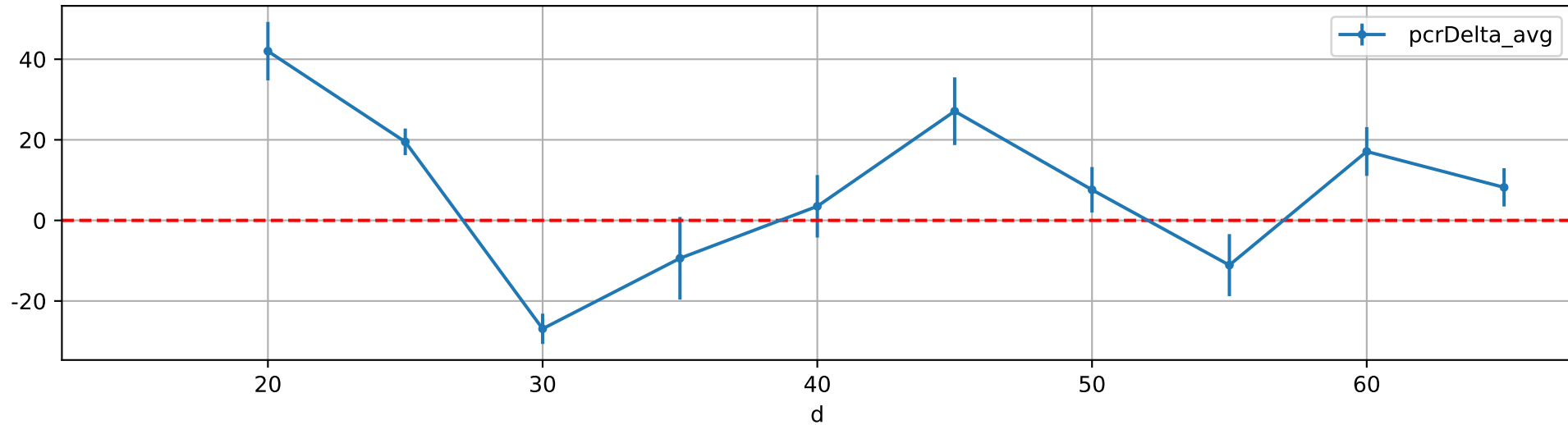
dStH: avg vs. d



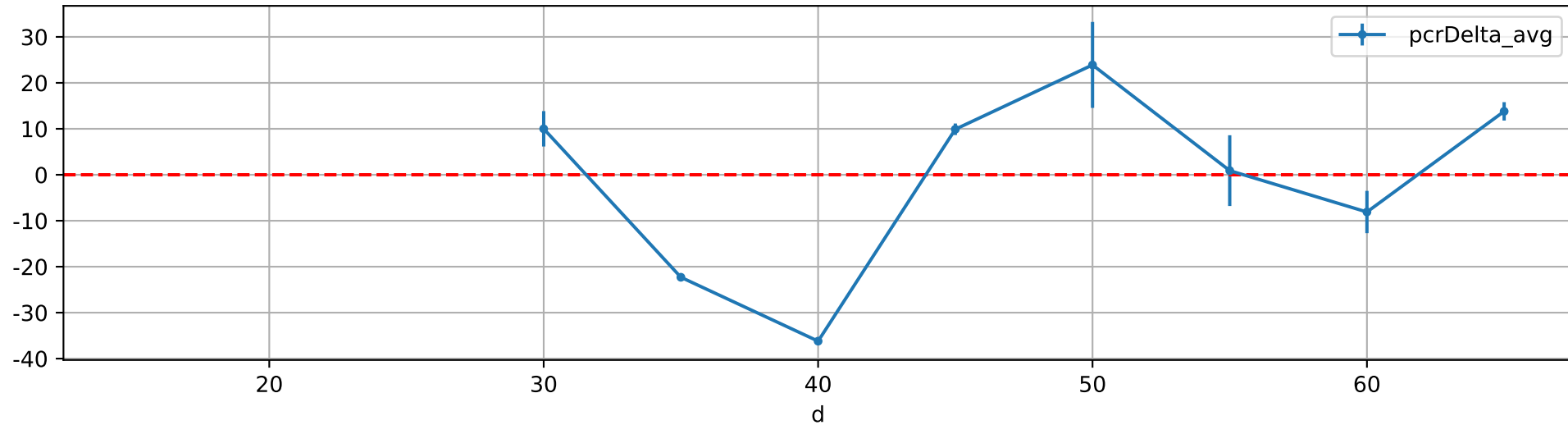
dStH: obsAvg vs obsOv@Q50



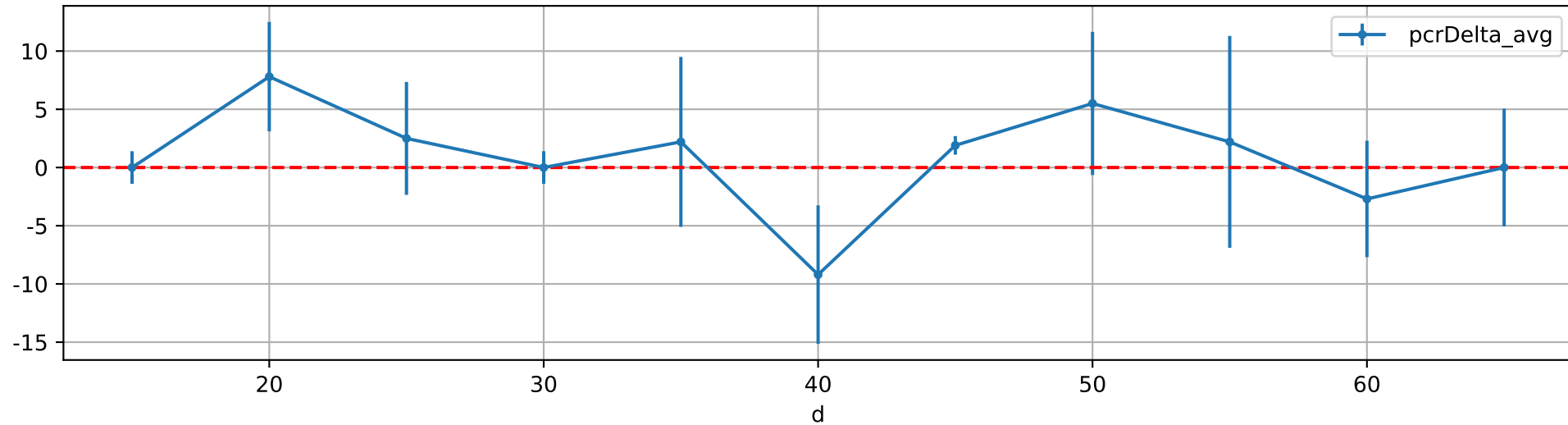
dStH: D_5d_StH



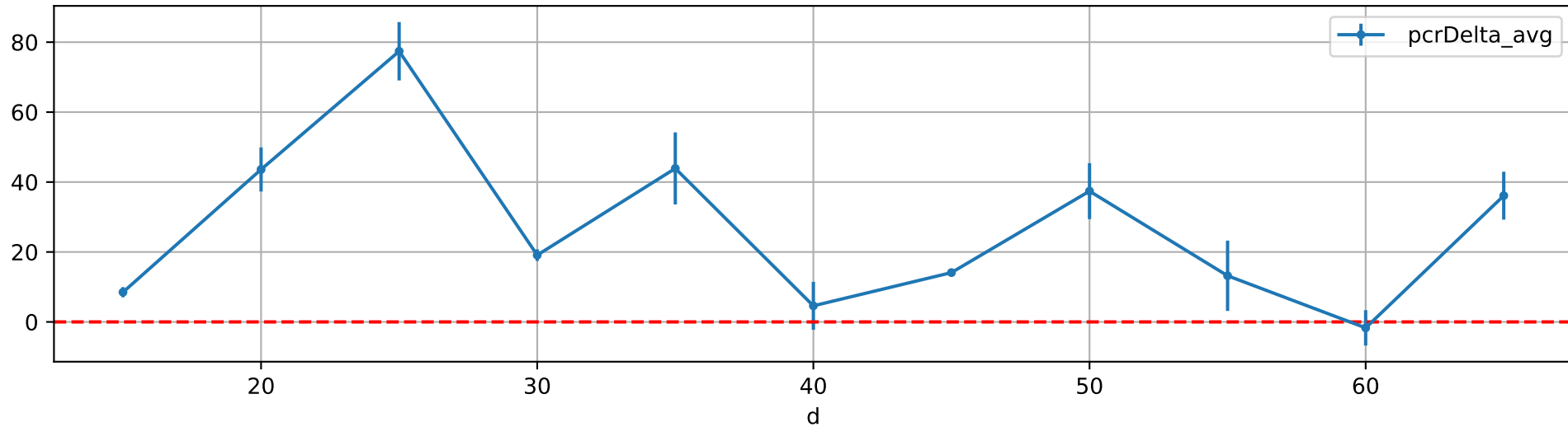
dStH: D_15d_StH



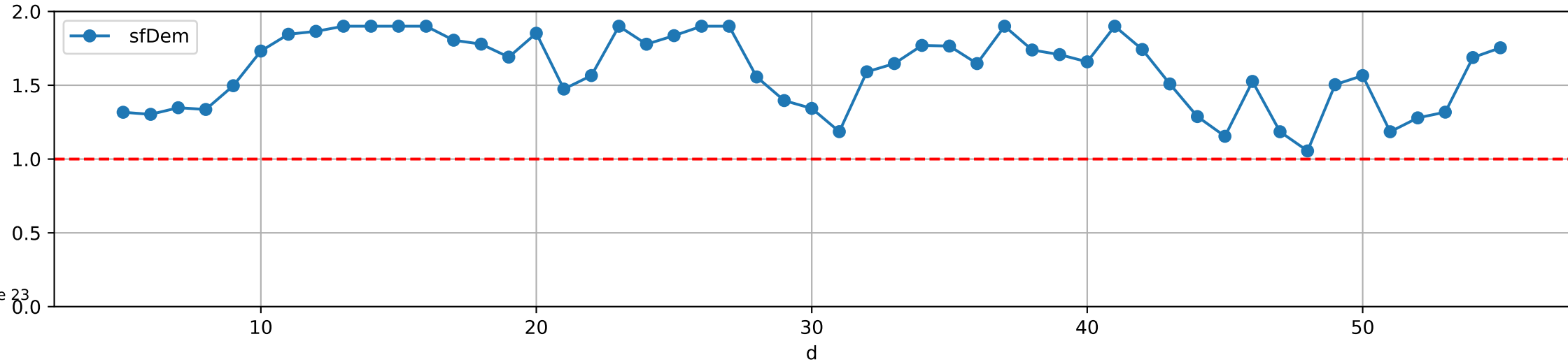
dStH: D_Q50_StH

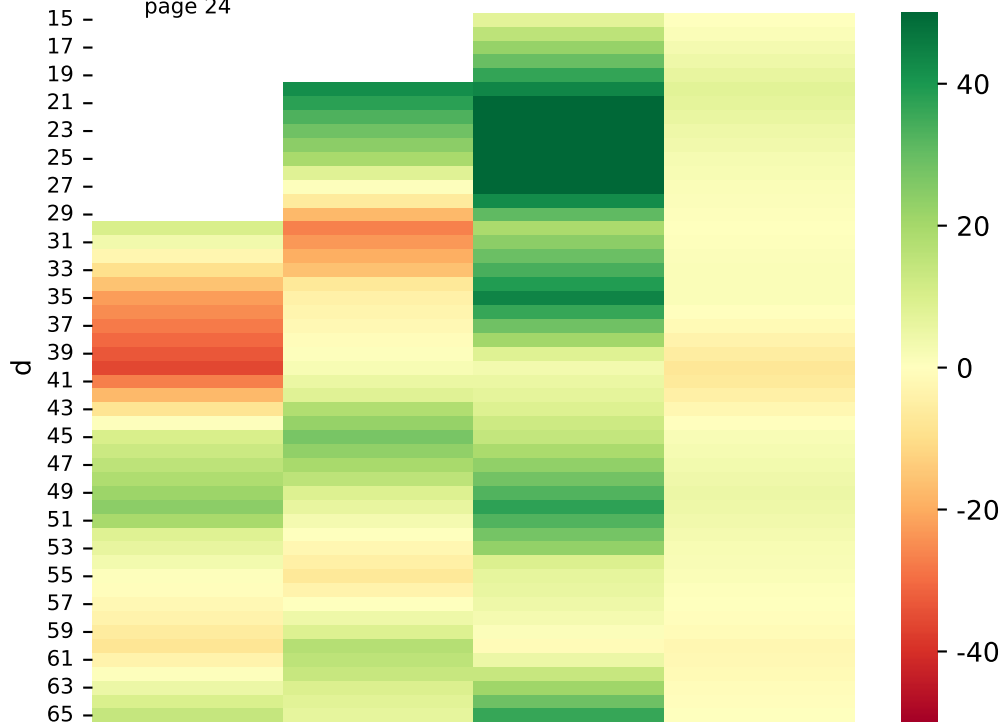


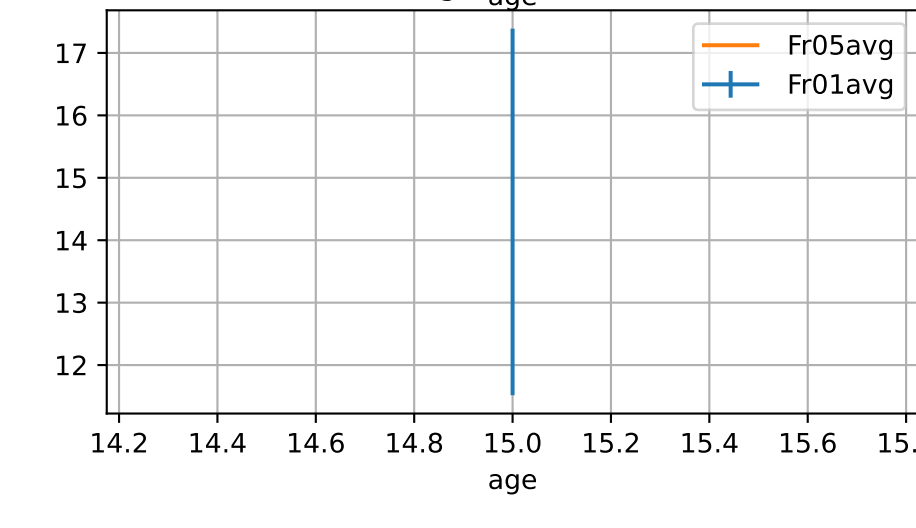
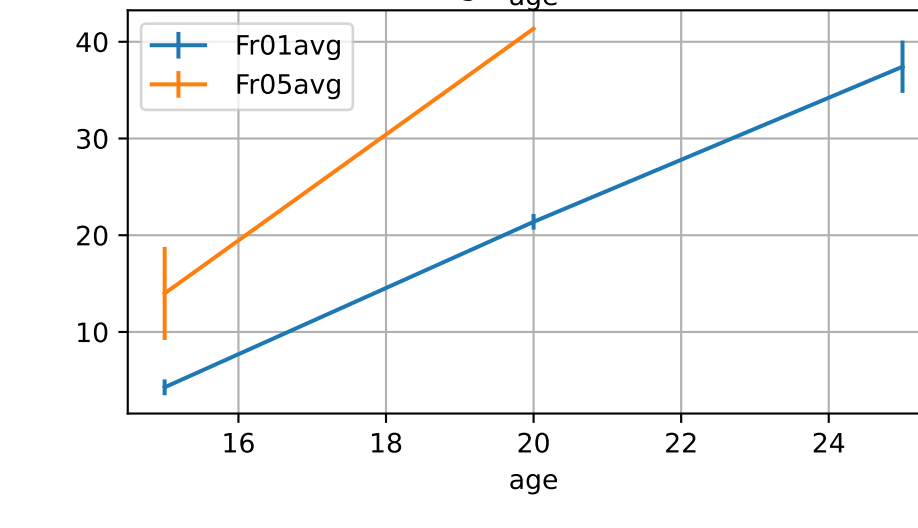
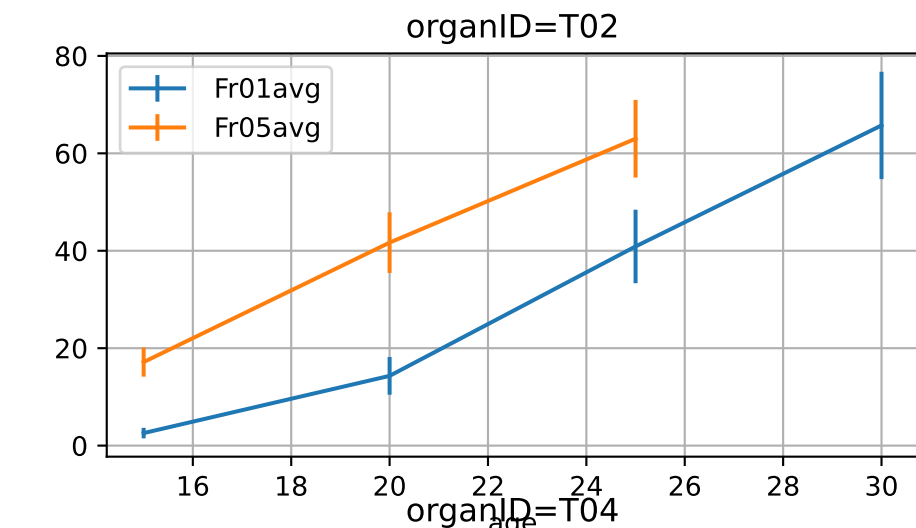
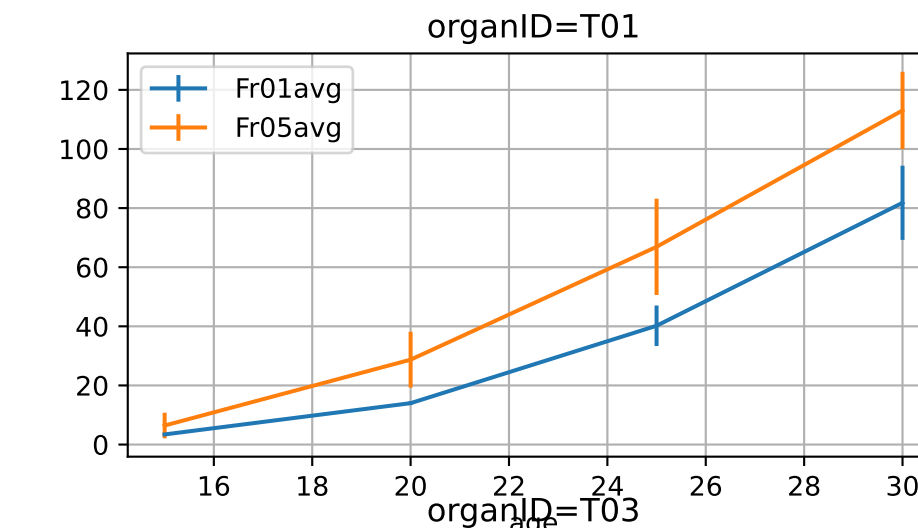
dStH: D_Est_StH



dStH: sfDem

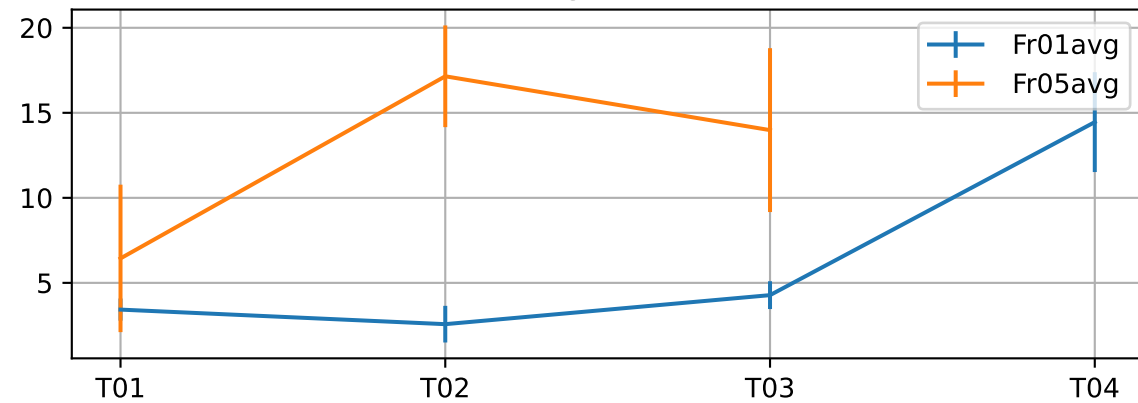




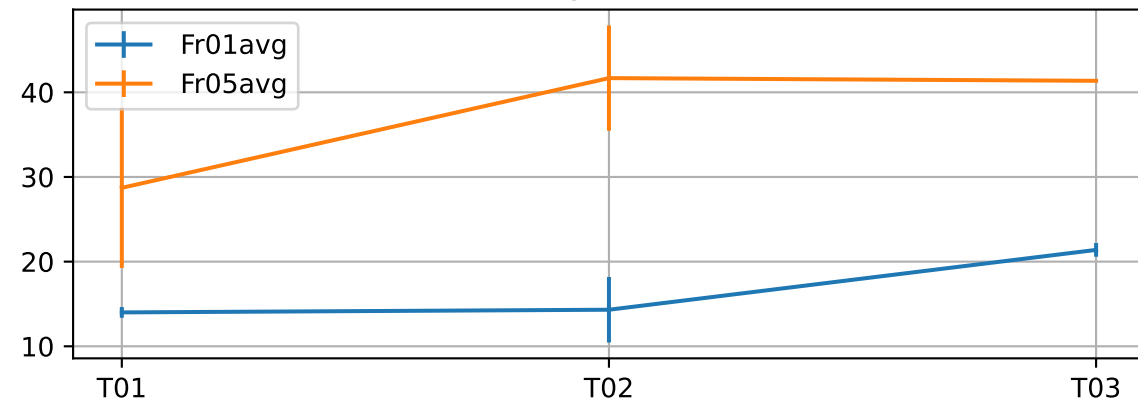


FrV trend at each age

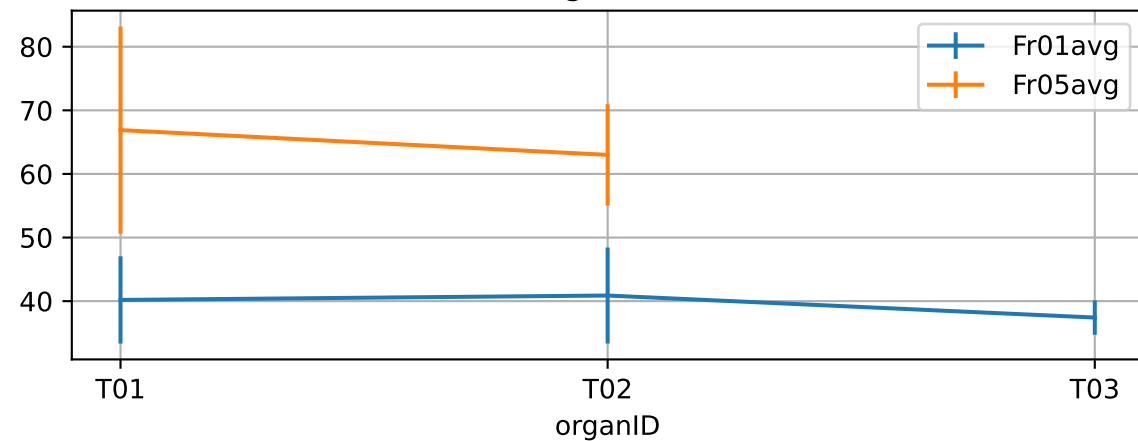
age=15



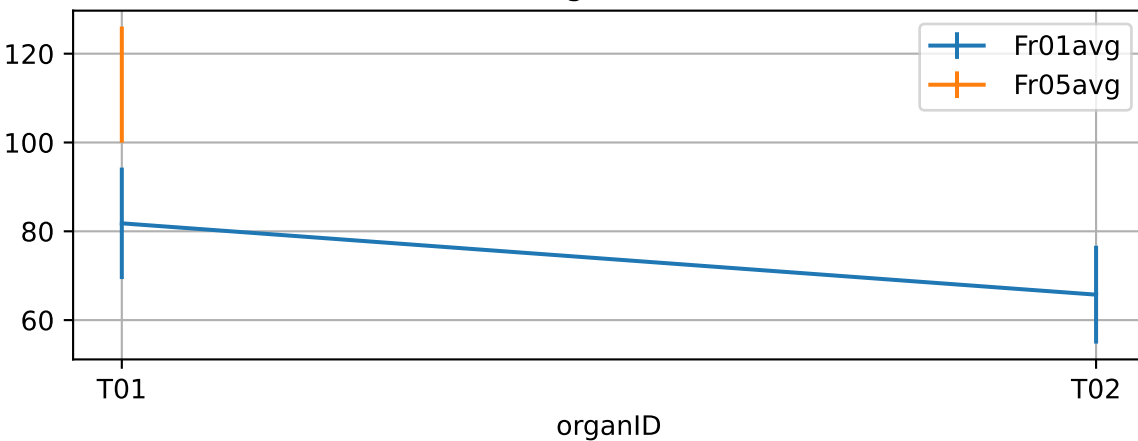
age=20



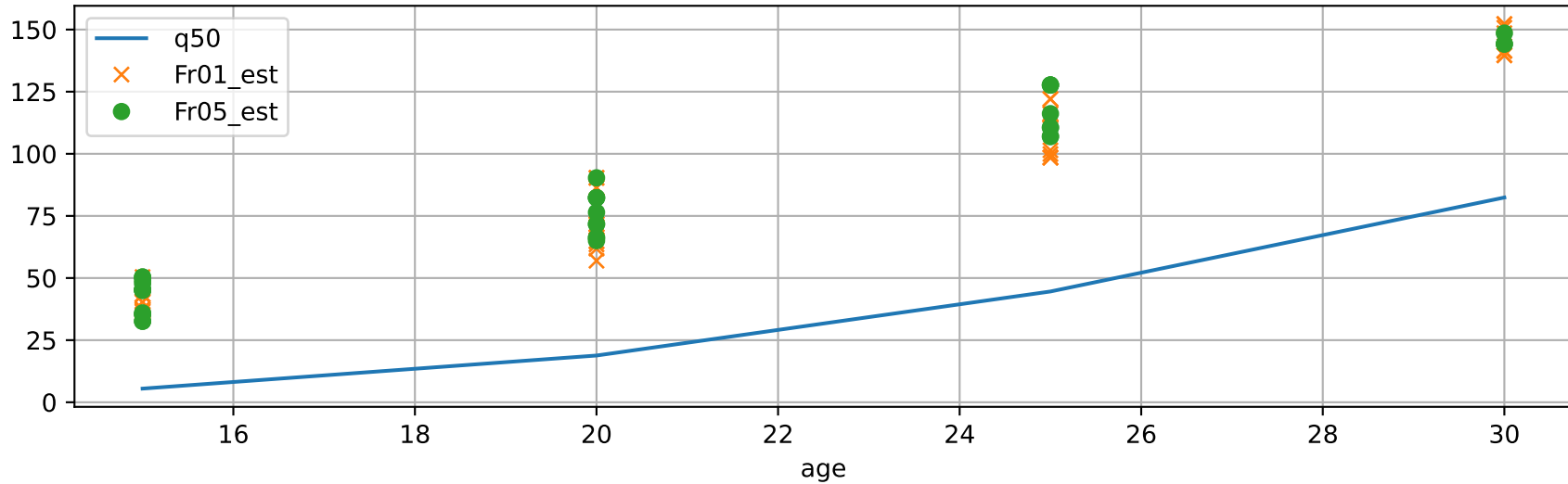
age=25



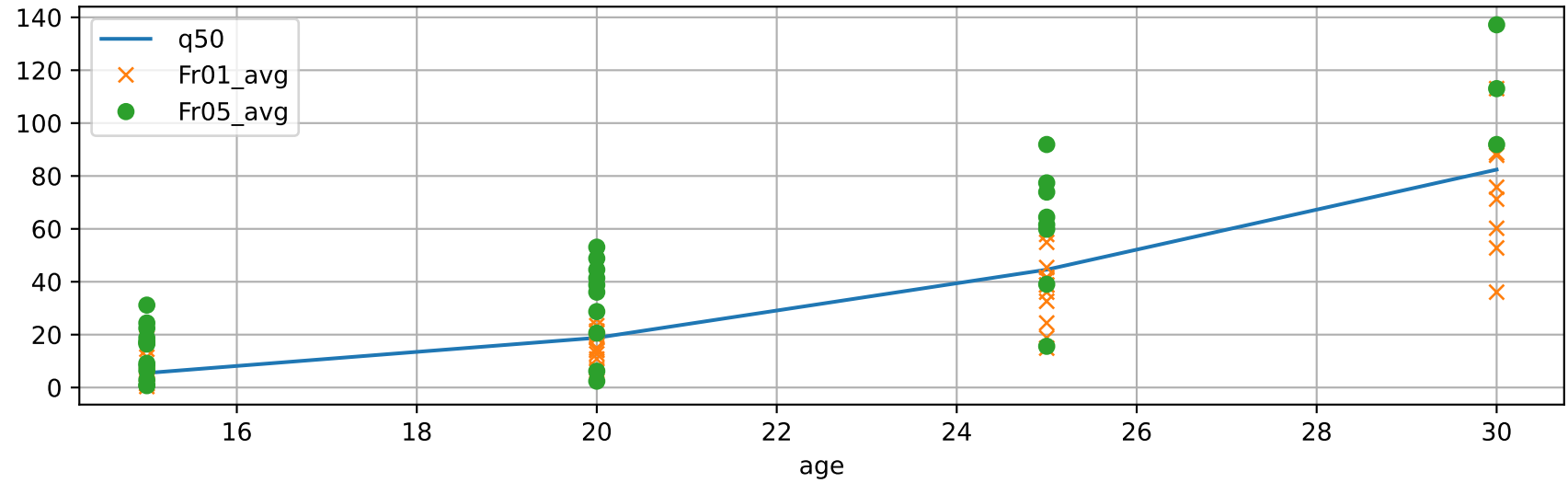
age=30

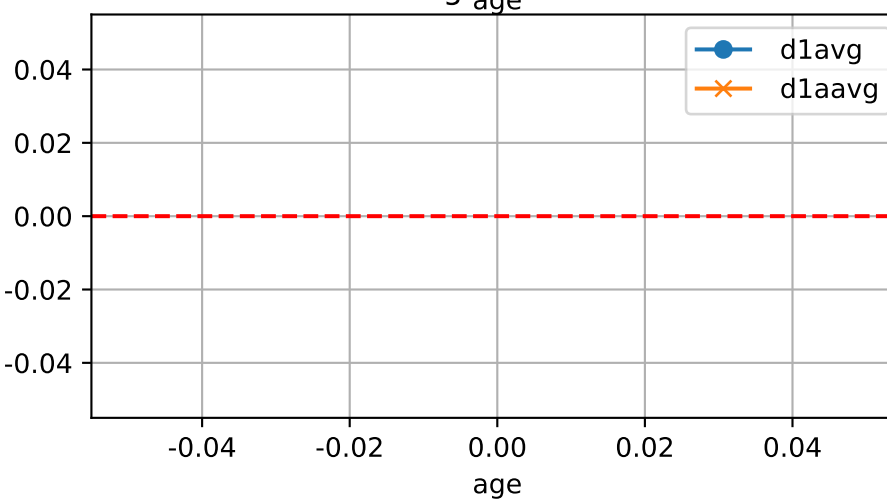
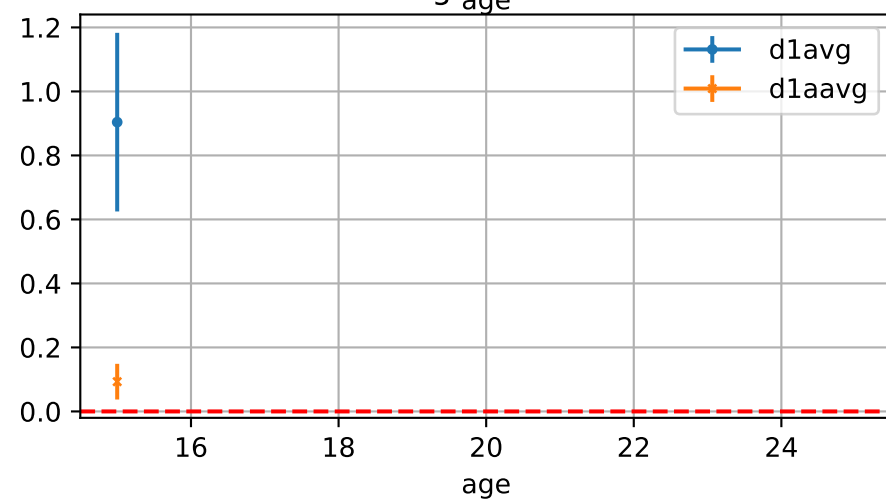
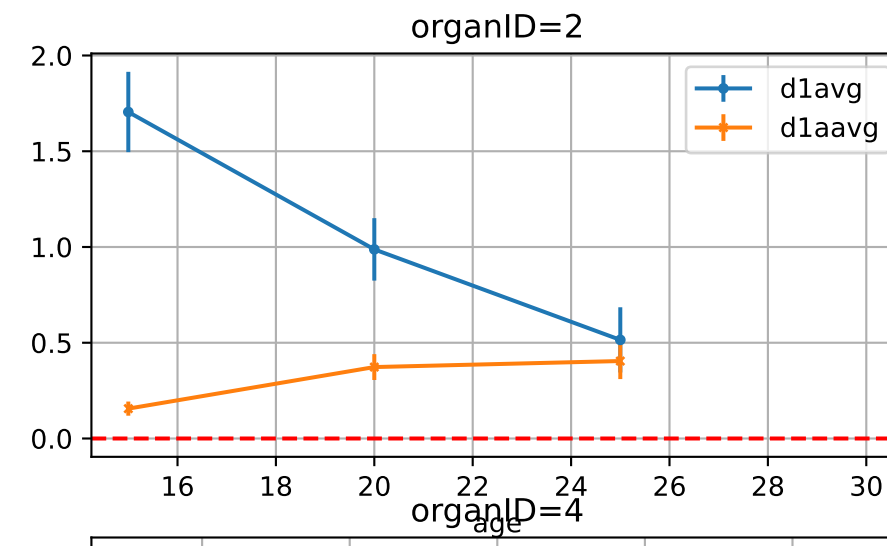
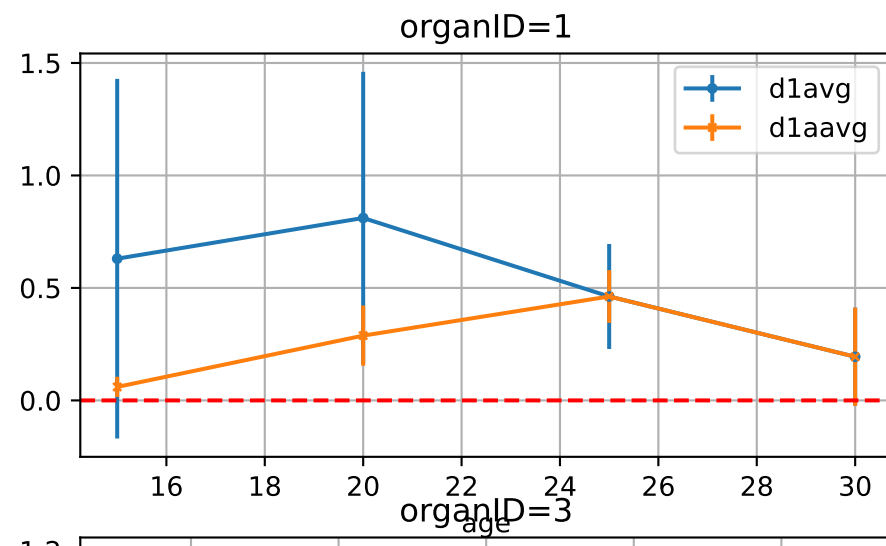


FrV: model Est vs obsFrV at Q90

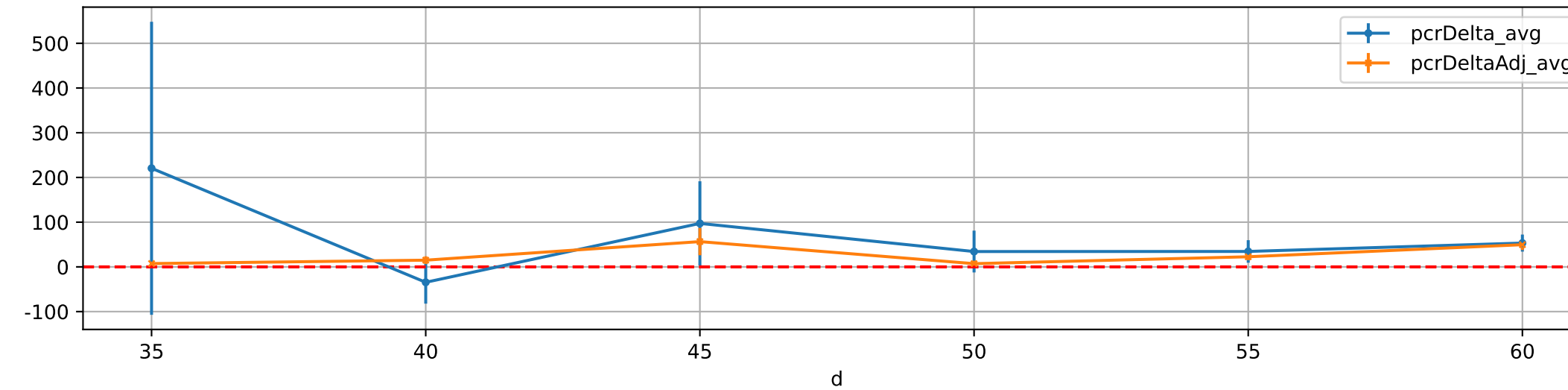


FrV: obsFrV vs obsFrV@Q90



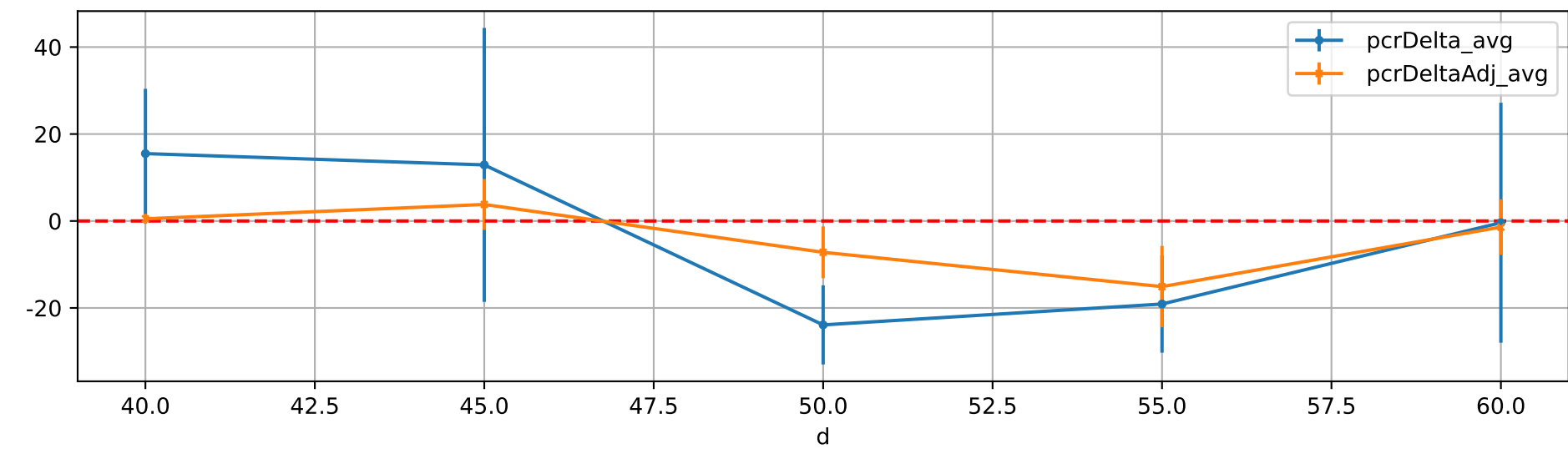


P3-2 FrV: D_Fr1_FrV



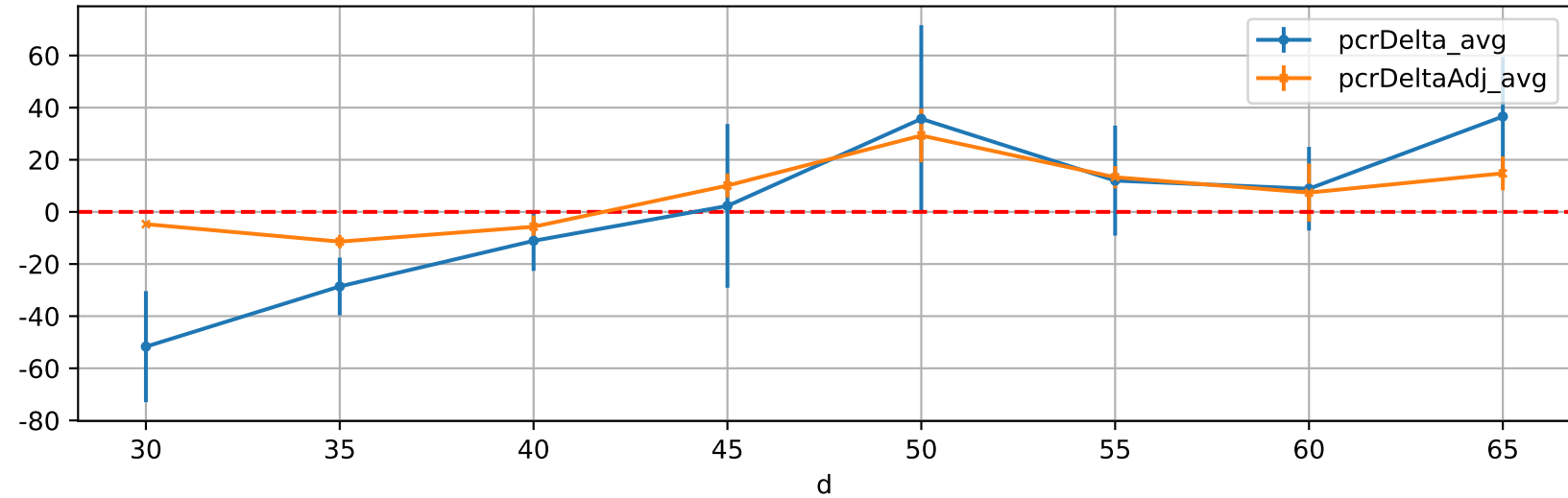


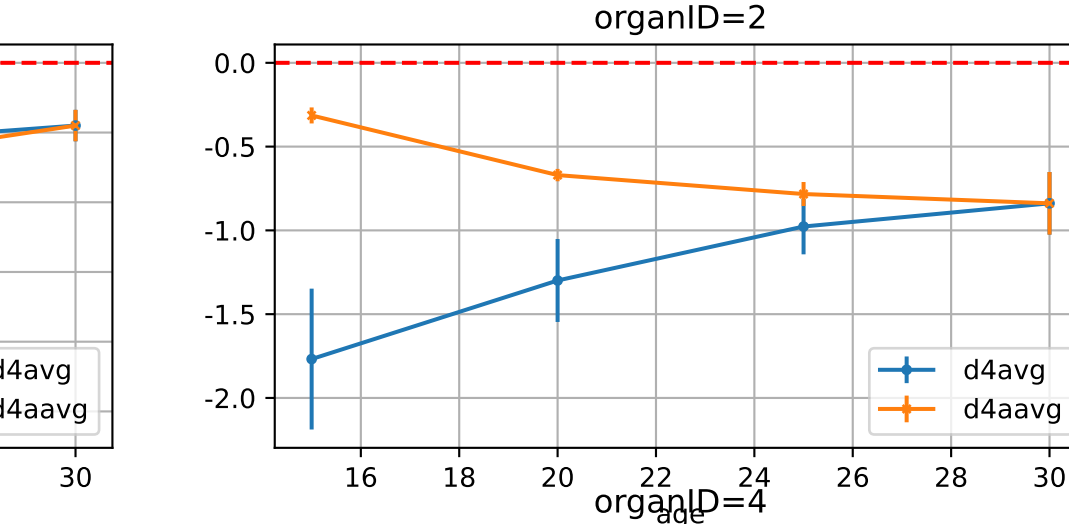
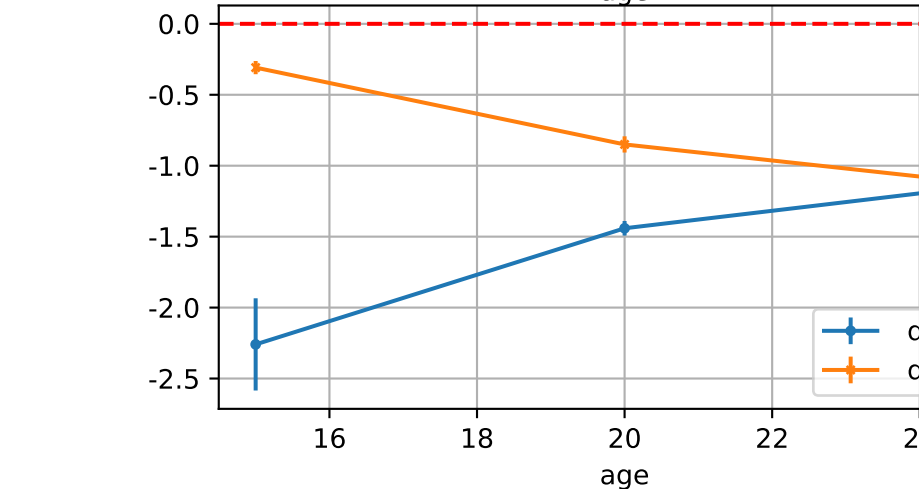
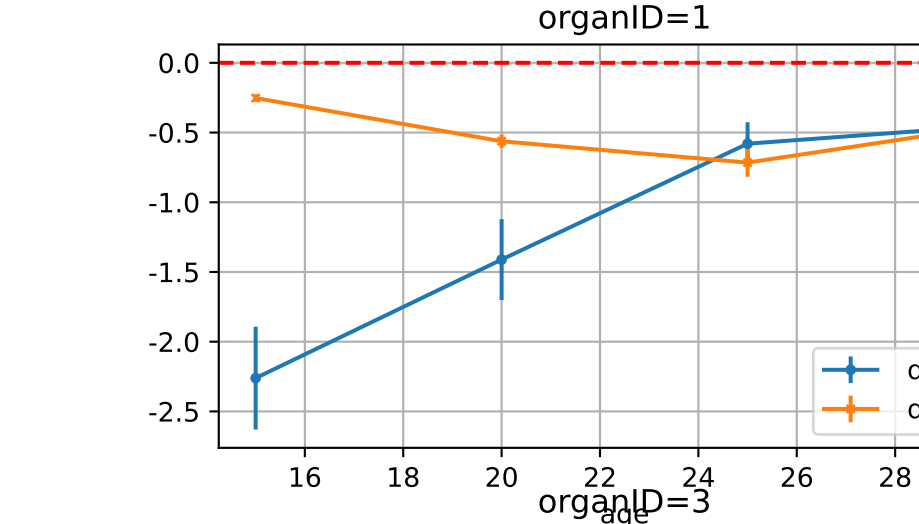
P3-2 FrV: D_Ts_FrV





P3-2 FrV: D_Q50_FrV





P3-2 FrV: D_Est_FrV

