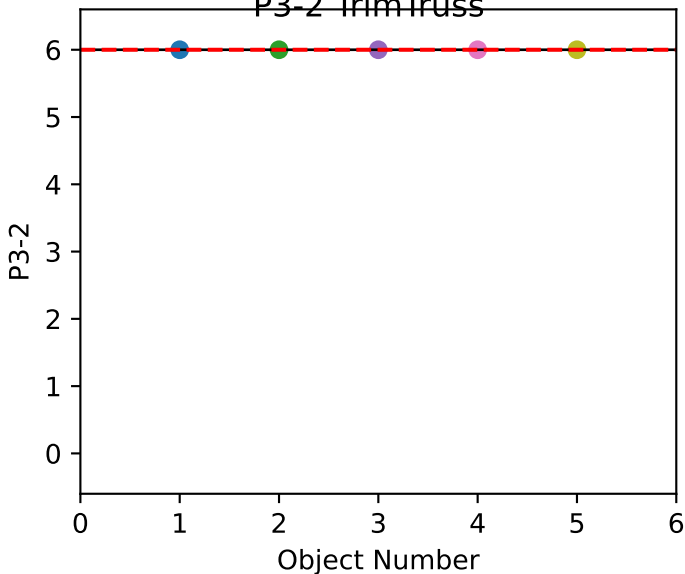


Phenotype Data Analysis Plots
PhenoData day range = 12 - 58
Analysis cutoff day = 58
NC11 P3-2
2025-05-27 (Day 59)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

p3-2 TrimTruss



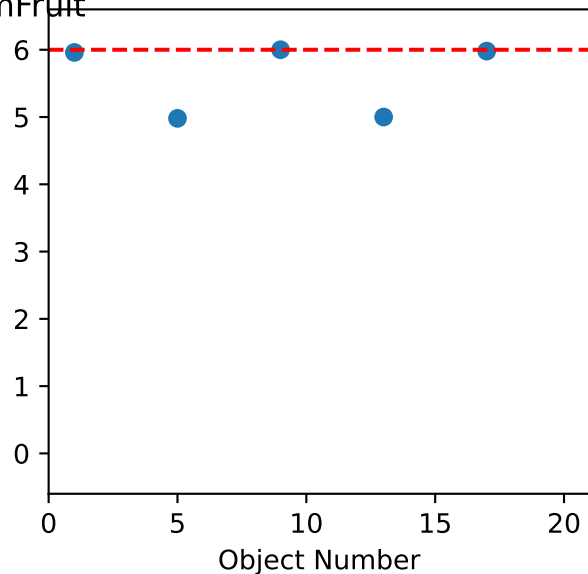
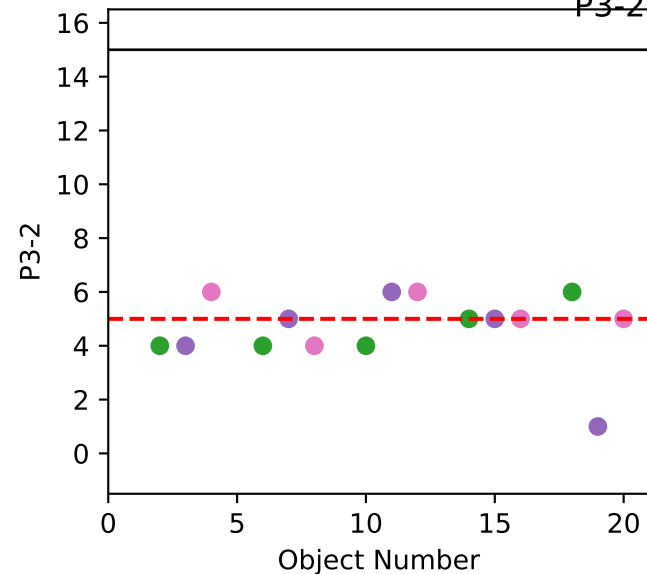
FruitNumAvgPerTruss (Def=15 Set=5)

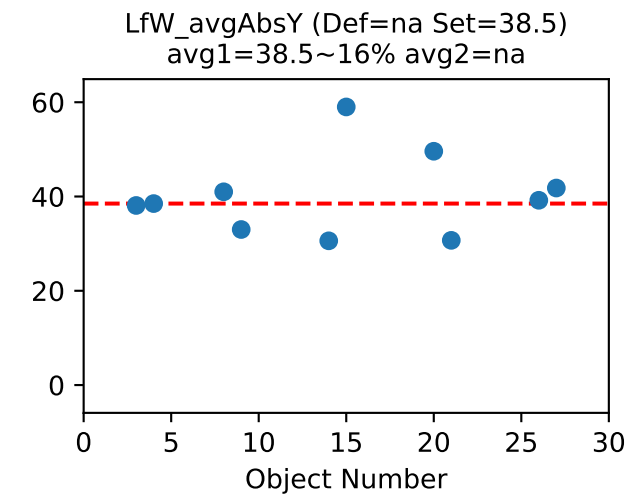
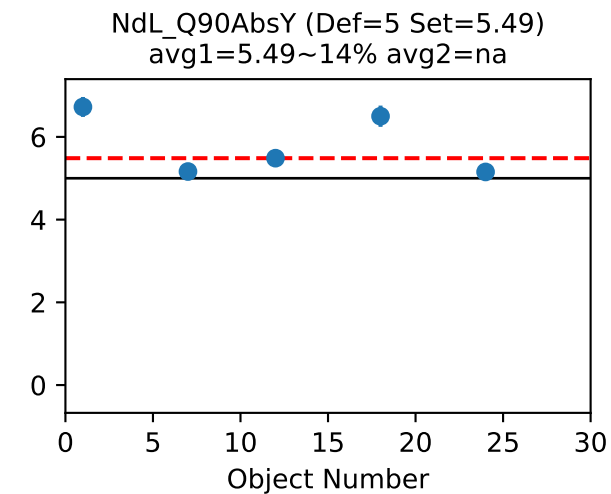
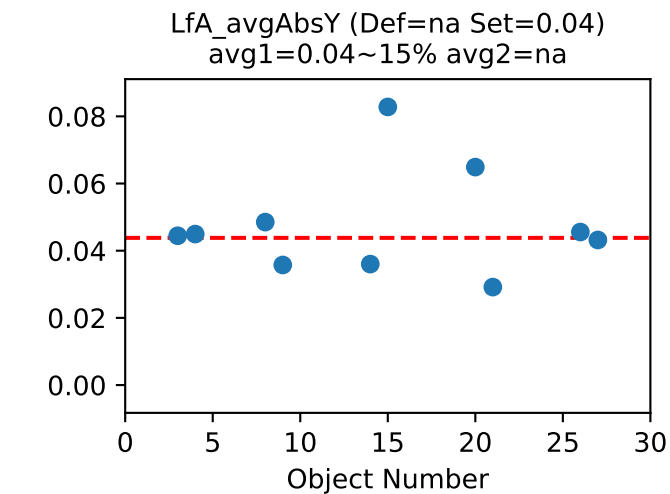
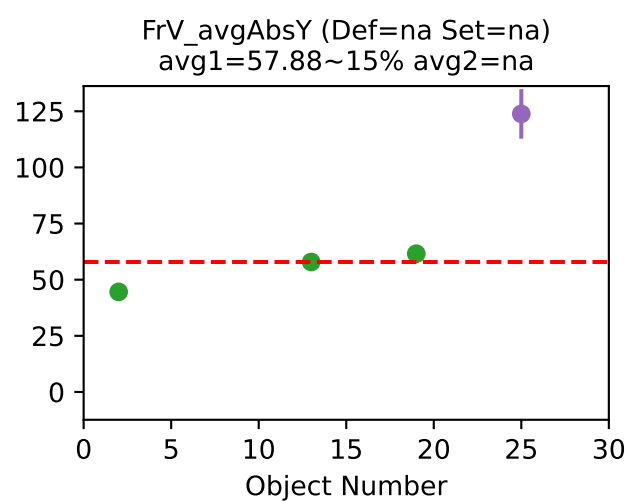
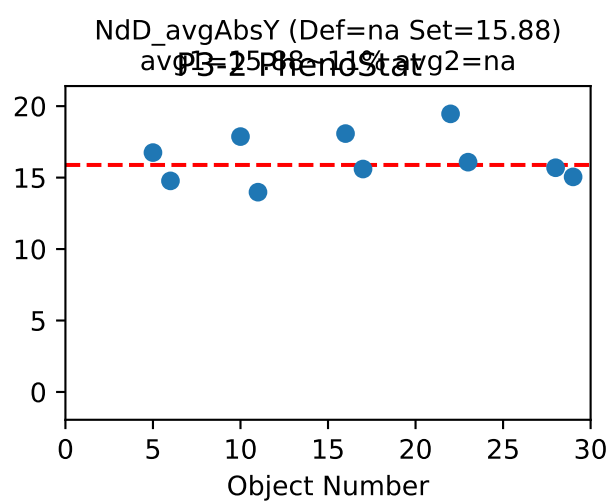
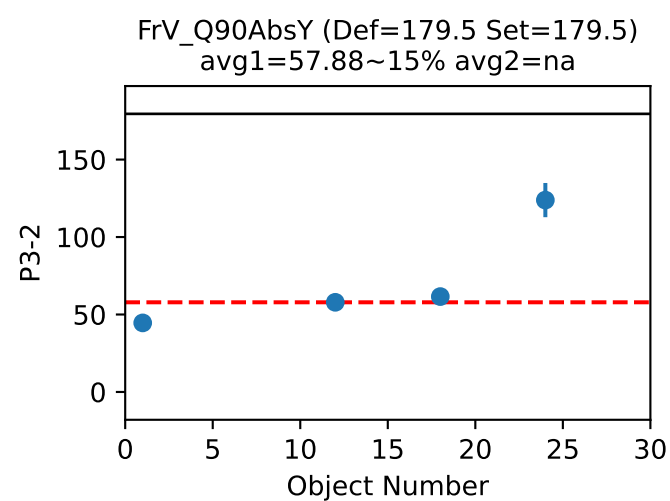
avg1=5.0~17% avg2=na

P3-2 TrimFruit

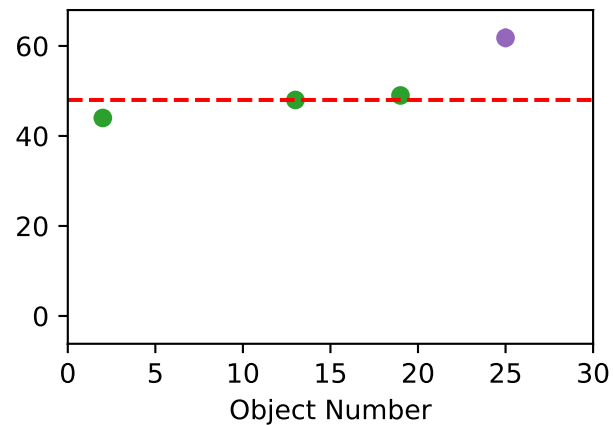
FruitNumMaxPerTruss (Def=na Set=6)

avg1=6.0~9% avg2=na

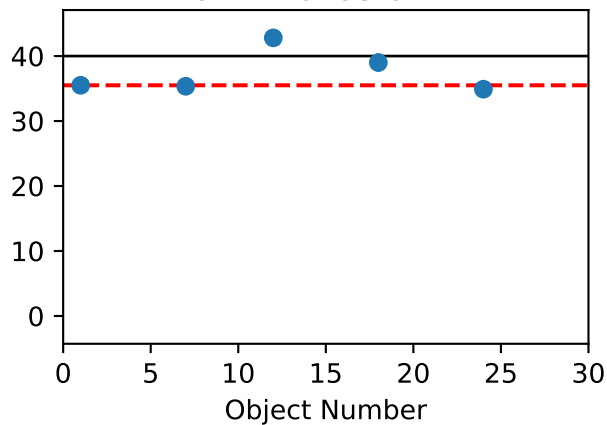




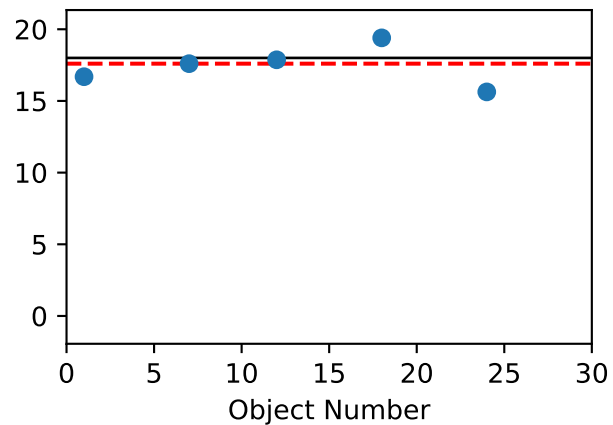
FrD_avgAbsY (Def=na Set=48.0)
avg1=48.0~6% avg2=na



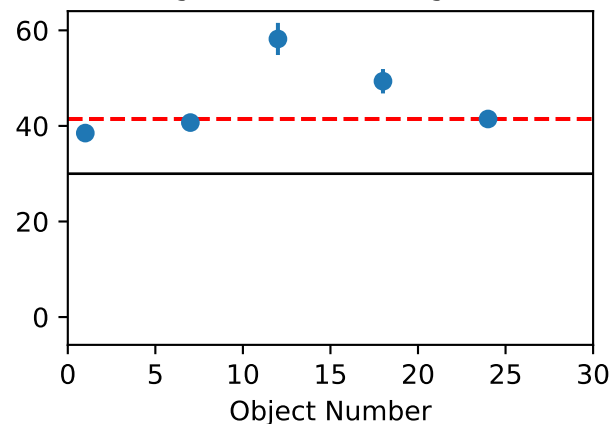
LfL_Q90AbsY (Def=40 Set=35.5)
avg1=35.5~10% avg2=na



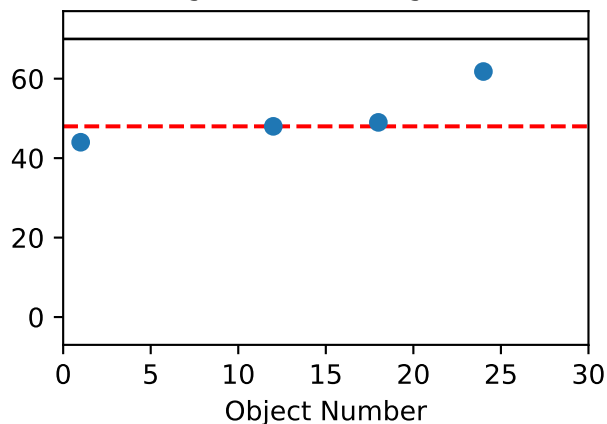
NdD_Q90AbsY (Def=18 Set=17.6)
avg1=17.6~8% avg2=na



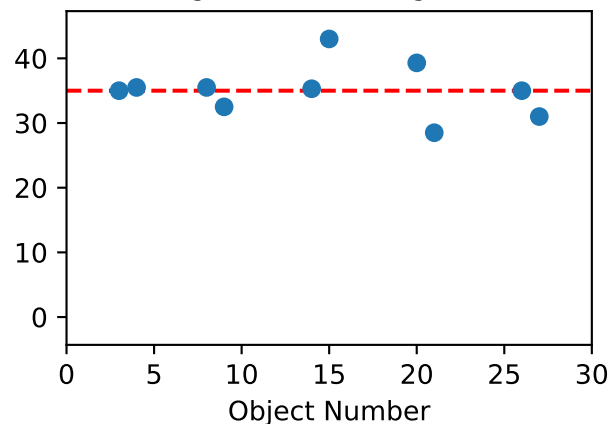
LfW_Q90AbsY (Def=30 Set=41.45)
avg1=41.45~20% avg2=na



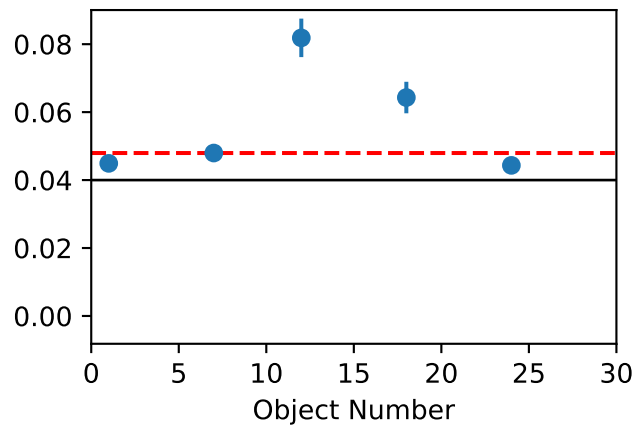
FrD_Q90AbsY (Def=70 Set=48.0)
avg1=48.0~6% avg2=na



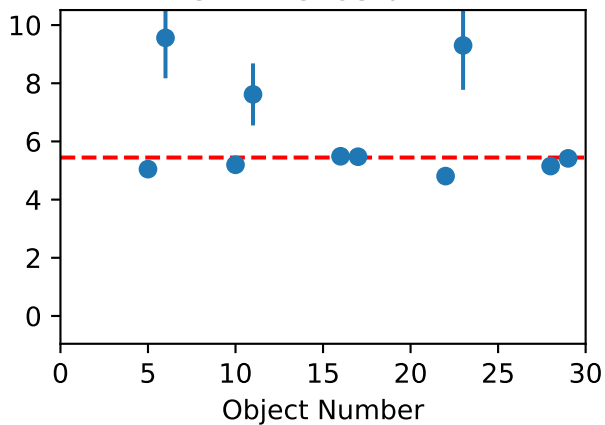
LfL_avgAbsY (Def=na Set=35.0)
avg1=35.0~5% avg2=na



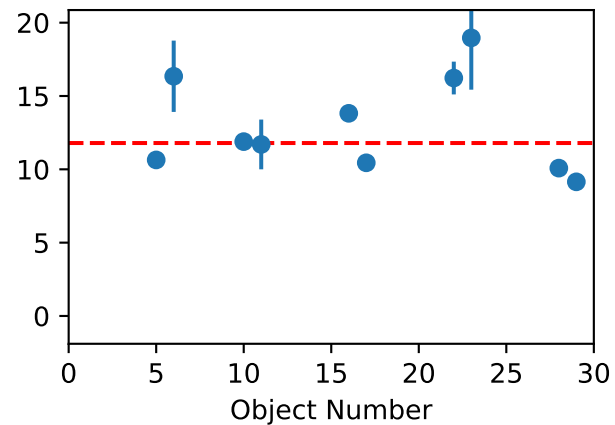
LfA_Q90AbsY (Def=0.04 Set=0.05)
avg1=0.05~34% avg2=na



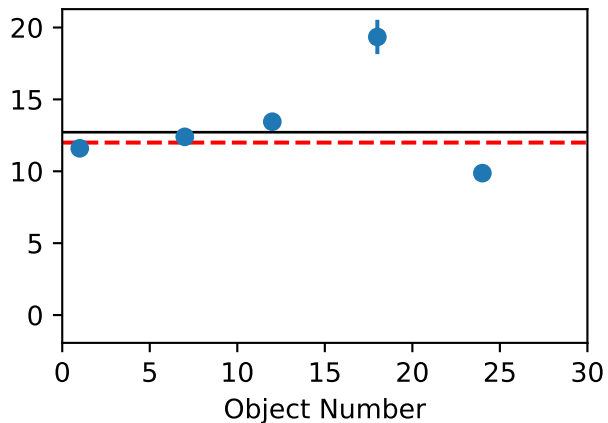
NdL_avgAbsY (Def=na Set=5.45)
avg1=5.45~13% avg2=na



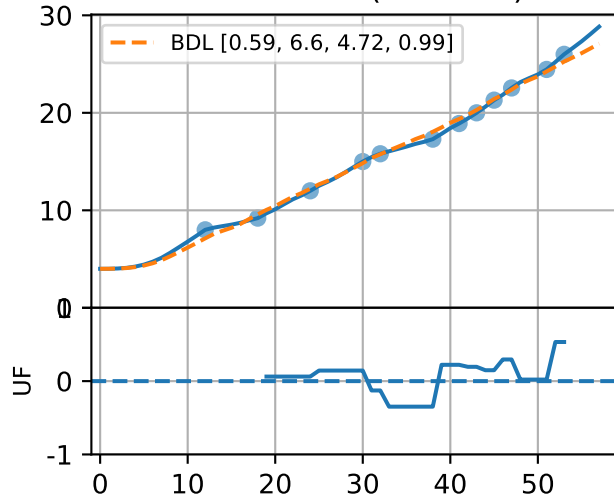
NdV_avgAbsY (Def=na Set=11.79)
avg1=11.79~28% avg2=na



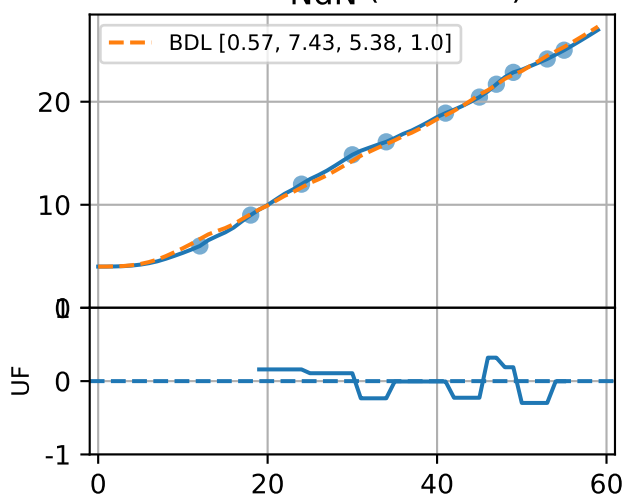
NdV_Q90AbsY (Def=12.72 Set=11.73)
avg1=12.0~13% avg2=na



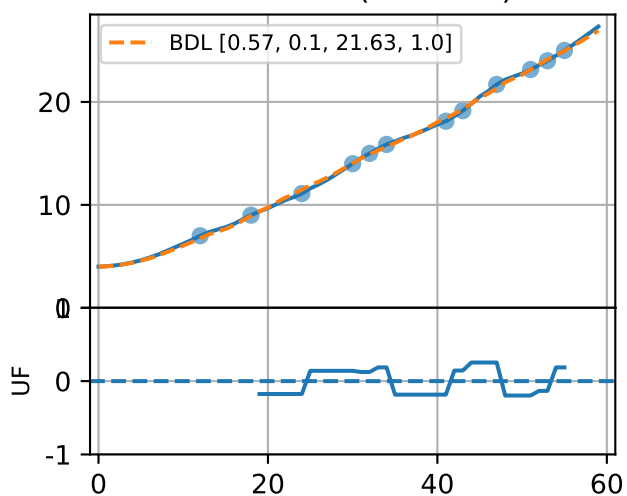
P3-2-16-21 (fit failed)



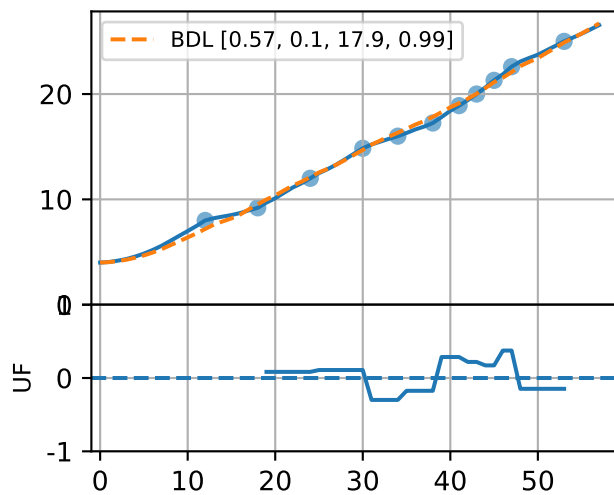
P3-2-24-19 (fit failed)



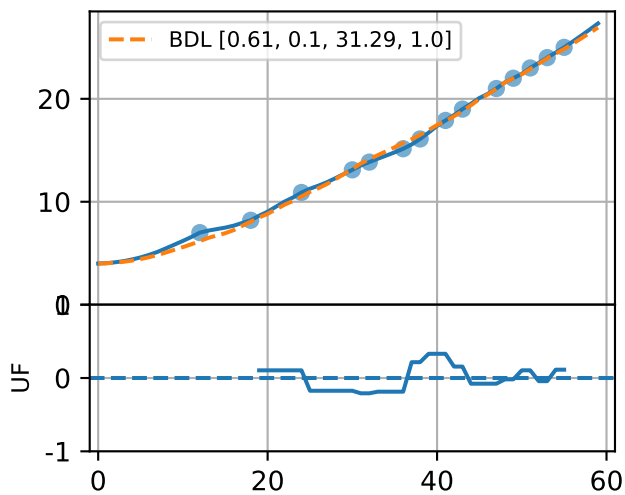
P3-2-40-6 (fit failed)



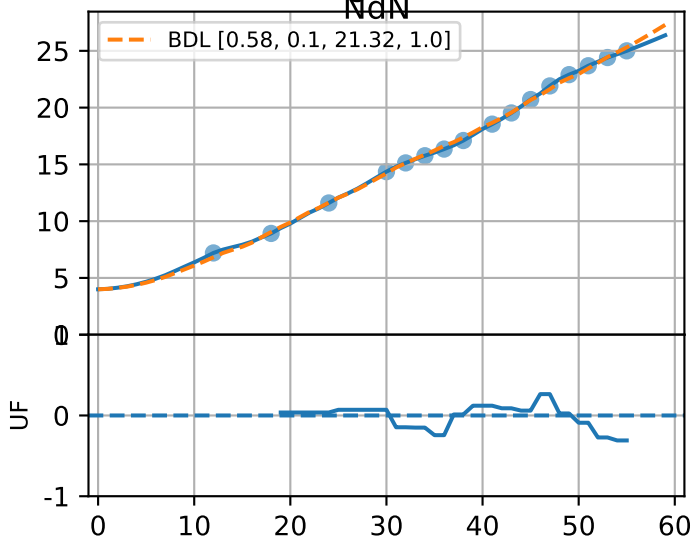
P3-2-55-28 (fit failed)



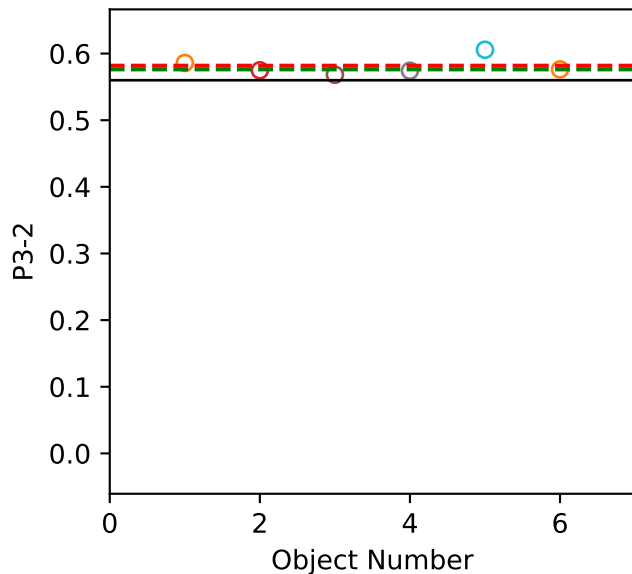
P3-2-9-8 (fit failed)



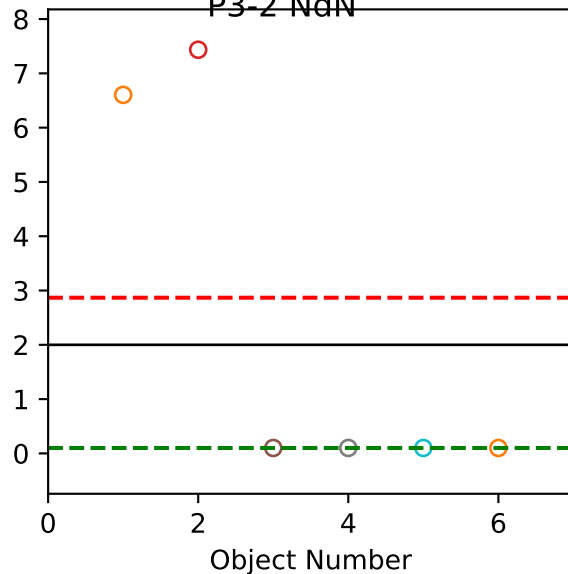
P3-2avg (fit failed)



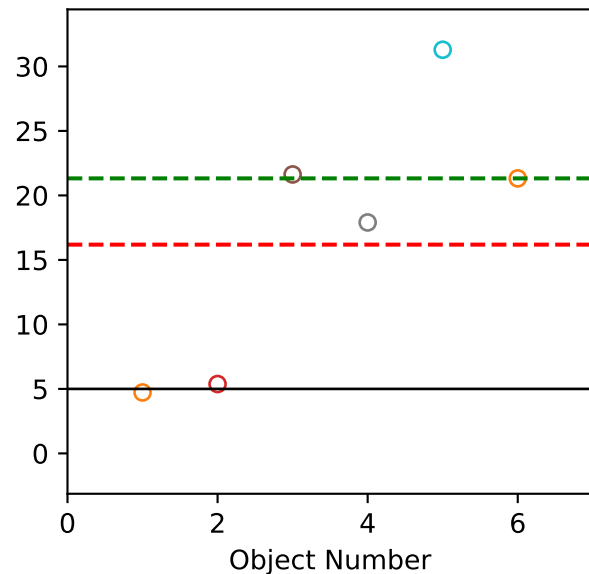
a (Def=0.56 Set=0.58)
avg1=0.58(fail) avg2=0.58



dm (Def=2 Set=0.1)
avg1=2.87(fail) avg2=0.1

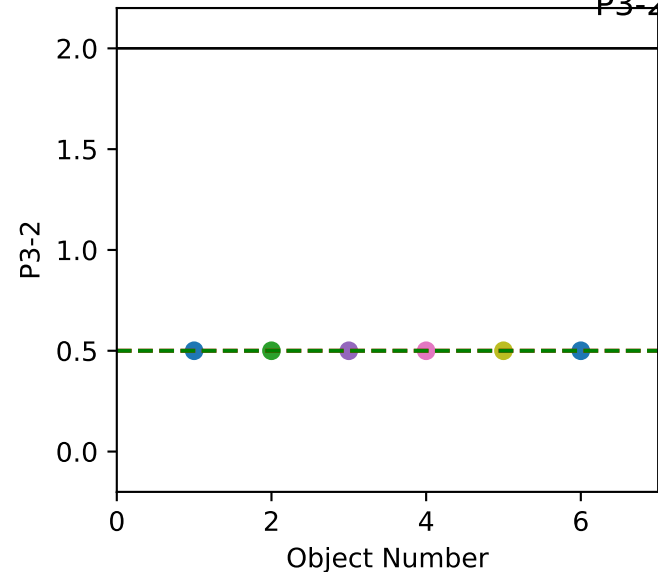


de (Def=5 Set=21.32)
avg1=16.18(fail) avg2=21.32



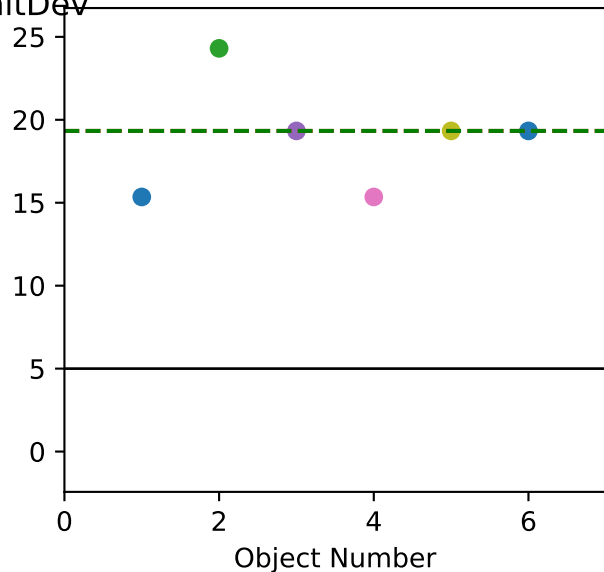
InitDev_dm (Def=2 Set=0.5)
avg1=0.5~0% avg2=0.5

P3-2

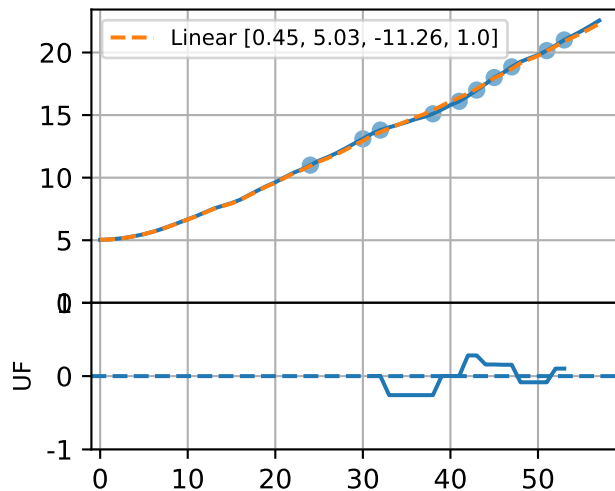


InitDev_de (Def=5 Set=19.33)
avg1=19.33~19% avg2=19.33

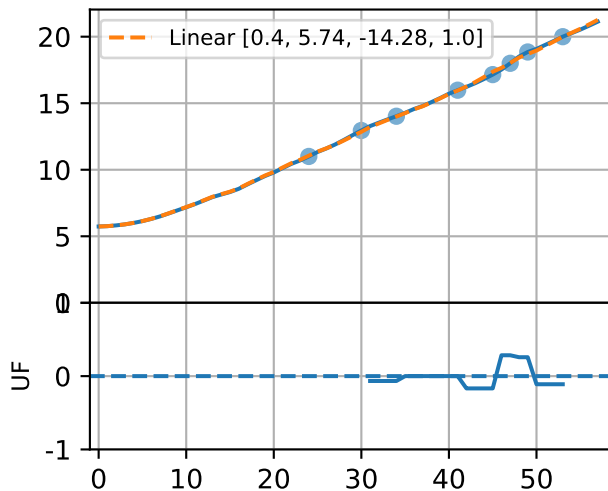
InitDev



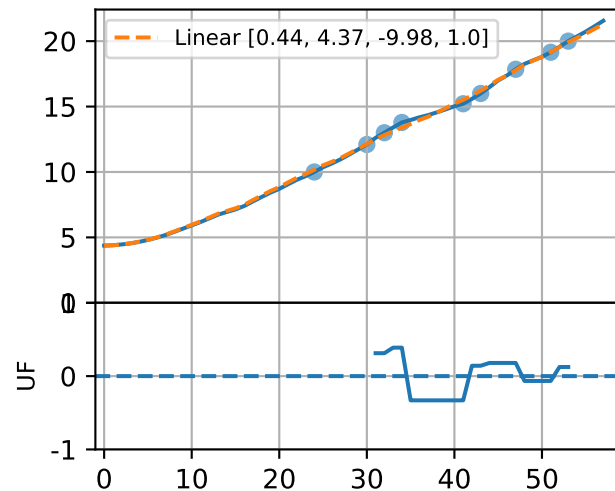
P3-2-16-21



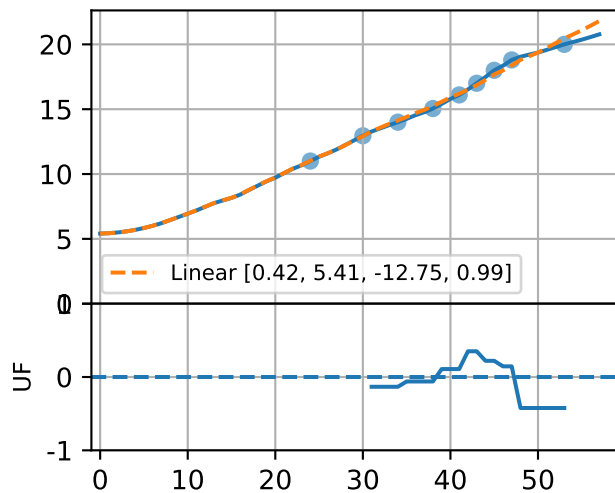
P3-2-24-18



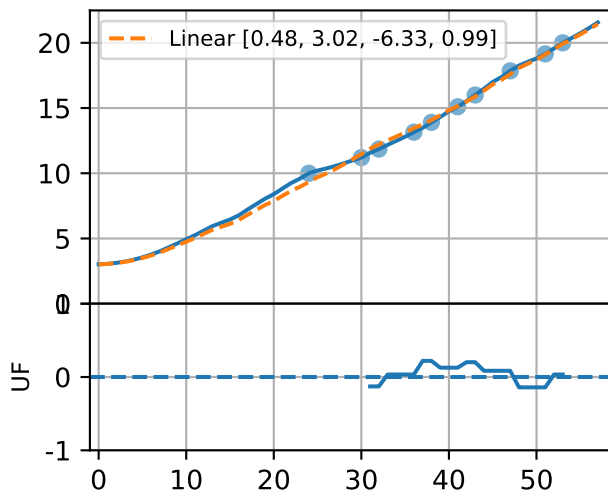
P3-2-40-6



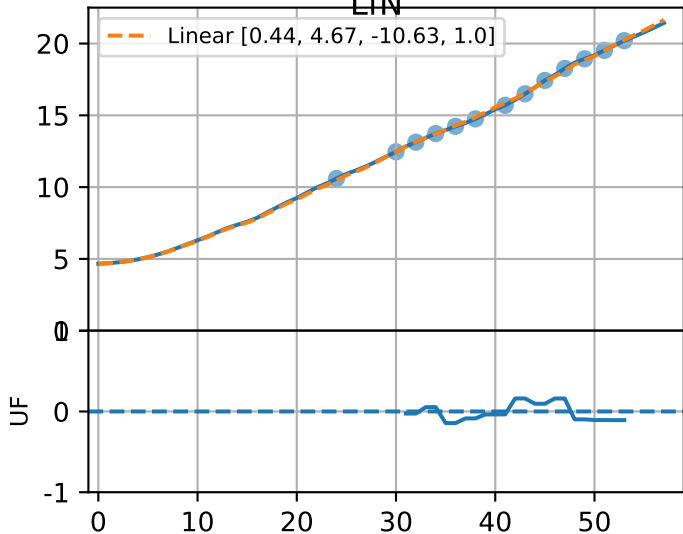
P3-2-55-28

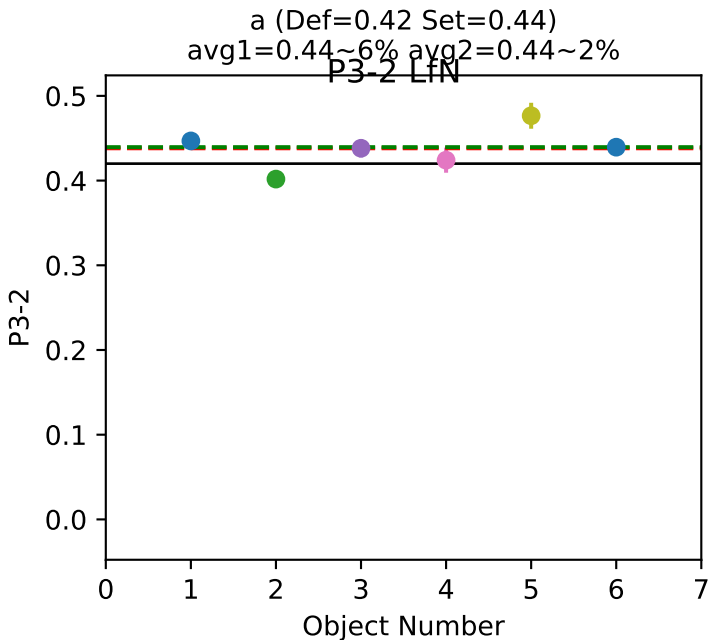


P3-2-9-8



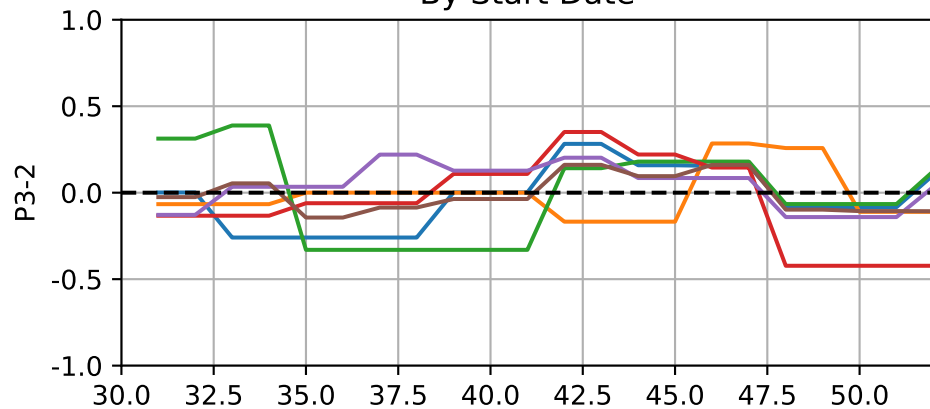
P3-2avg
Lfn



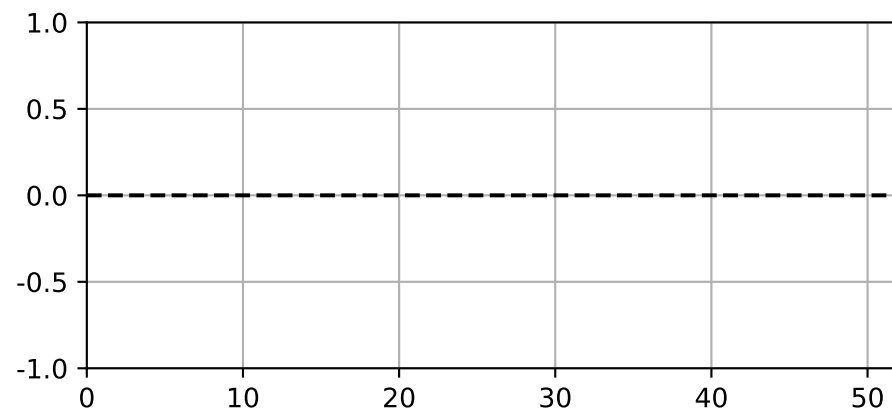
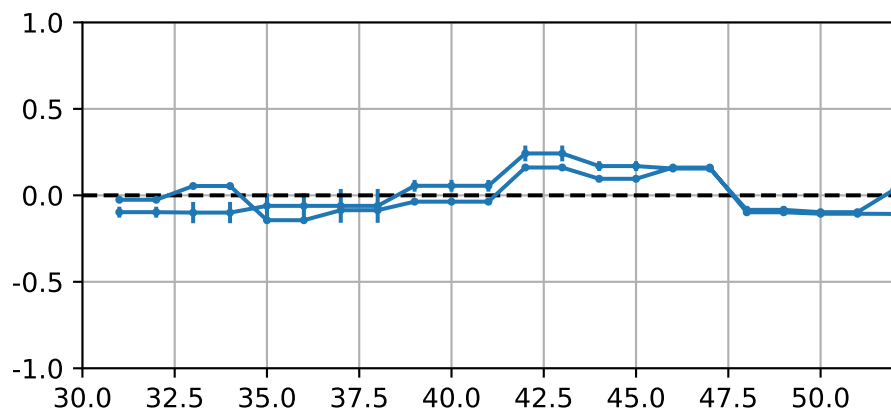
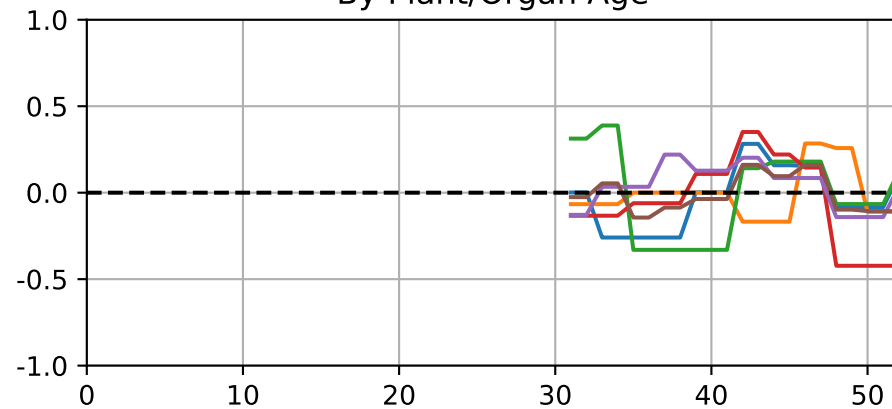


LfN

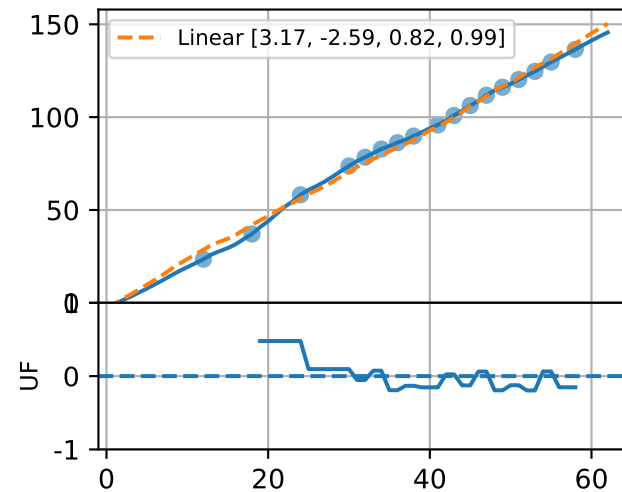
By Start Date



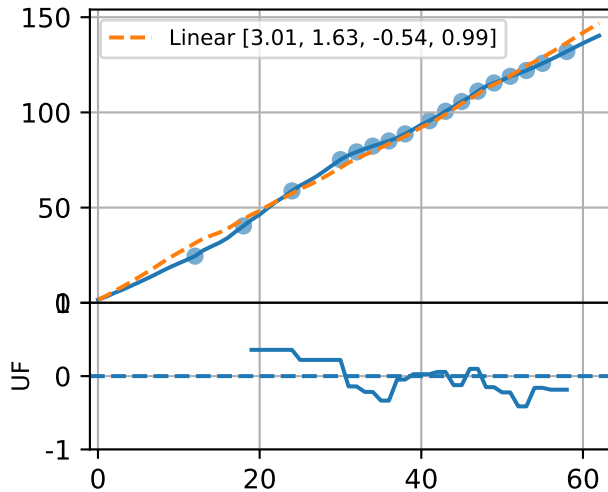
By Plant/Organ Age



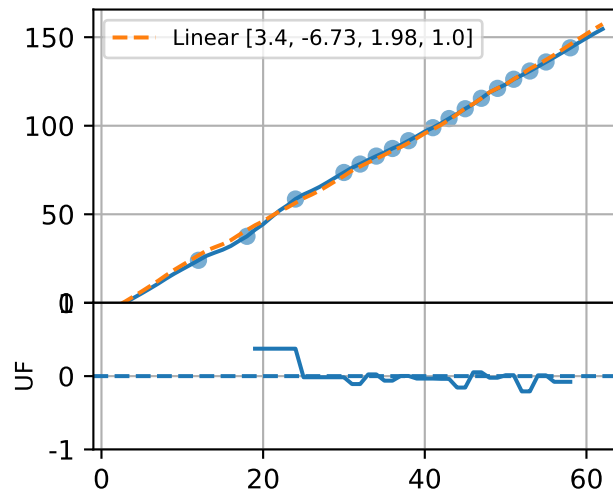
P3-2-16-21



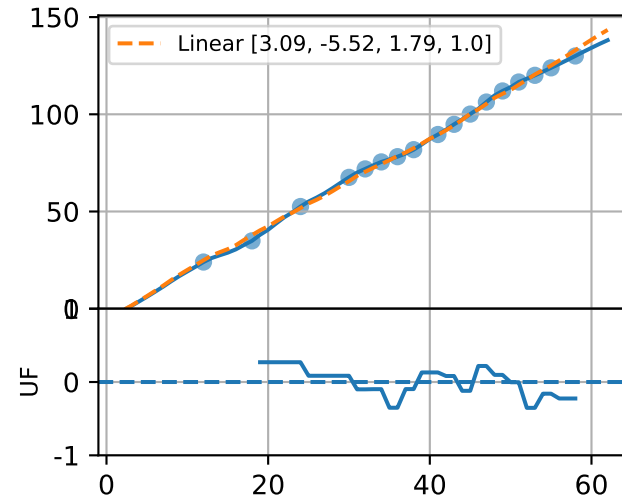
P3-2-24-18



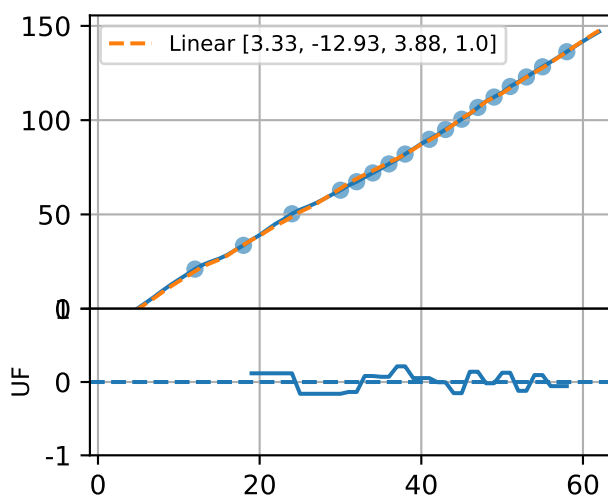
P3-2-40-6



P3-2-55-28

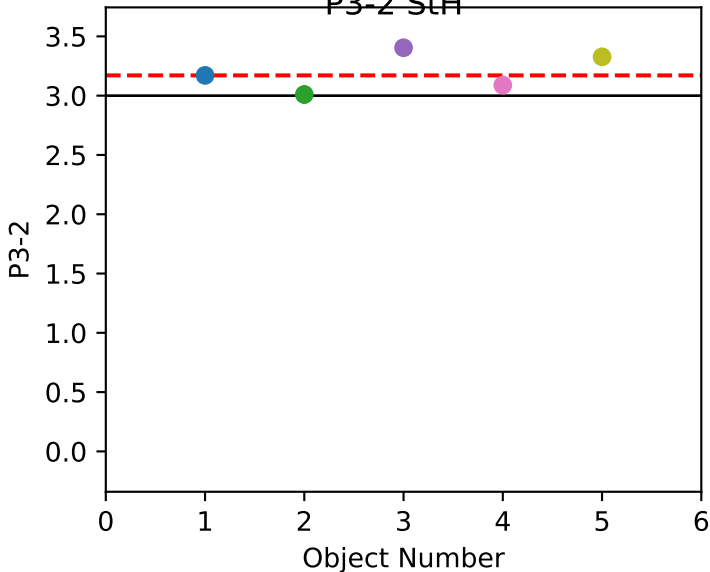


P3-2-9-8



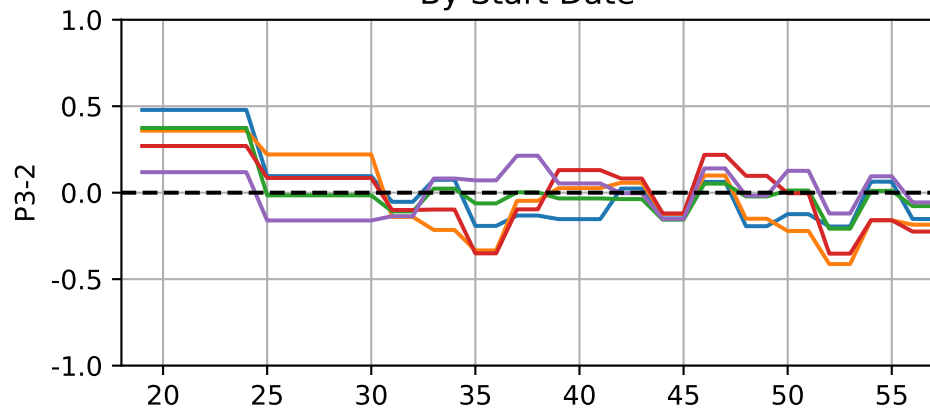
a (Def=3 Set=3.17)
avg1=3.17~5% avg2=na

P3-2 StH

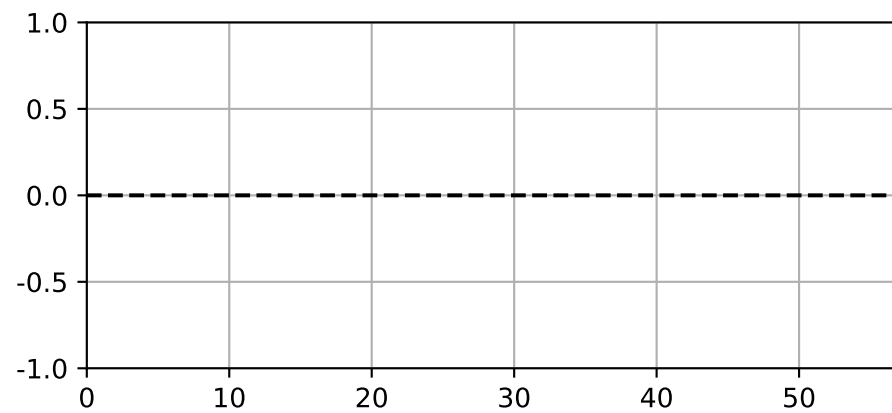
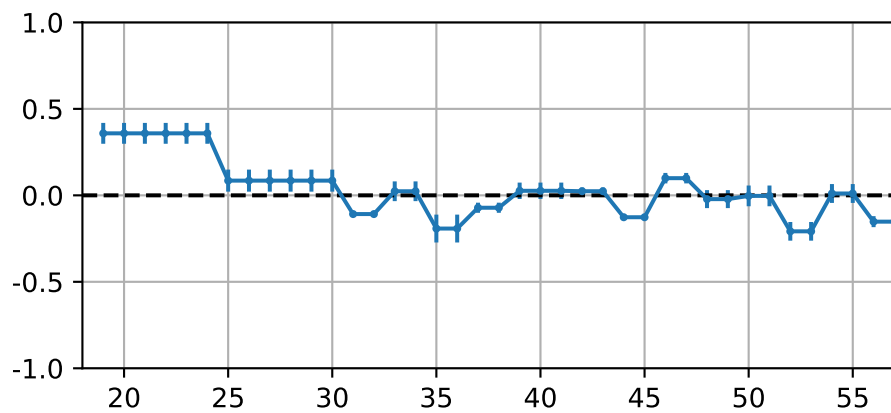
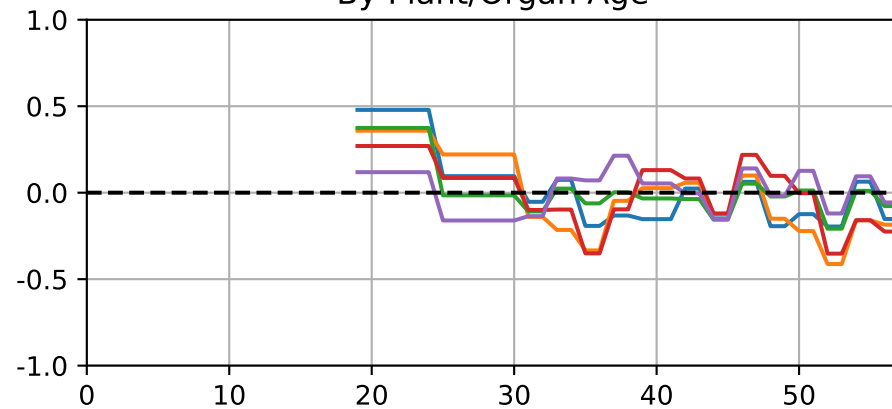


StH

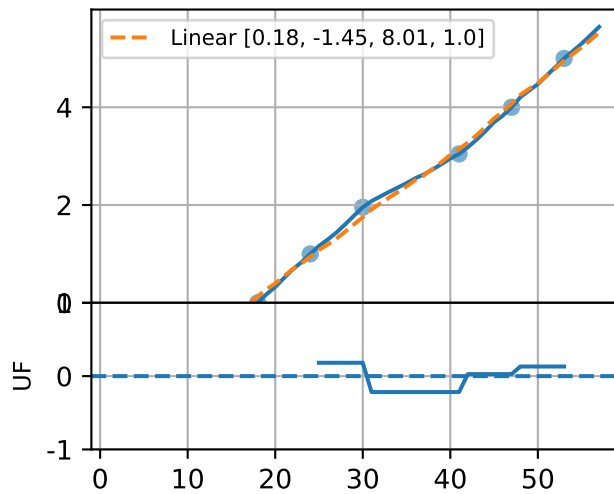
By Start Date



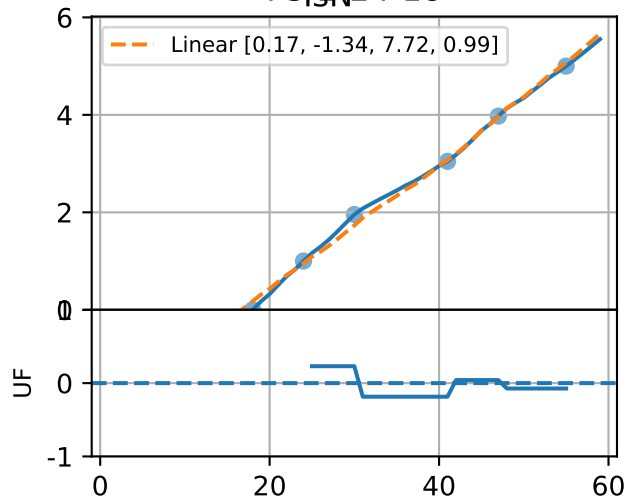
By Plant/Organ Age



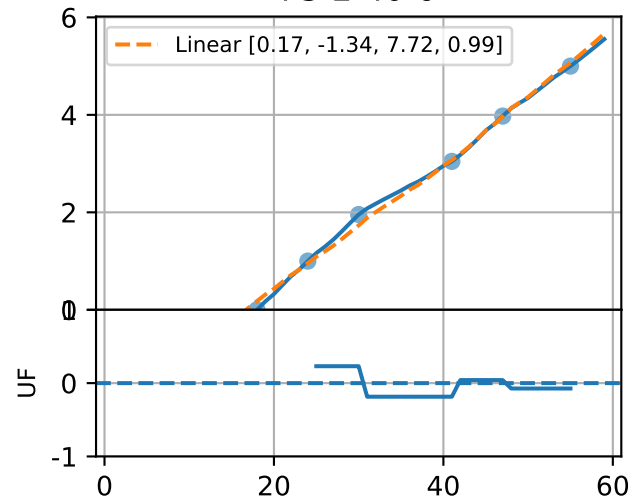
P3-2-16-21



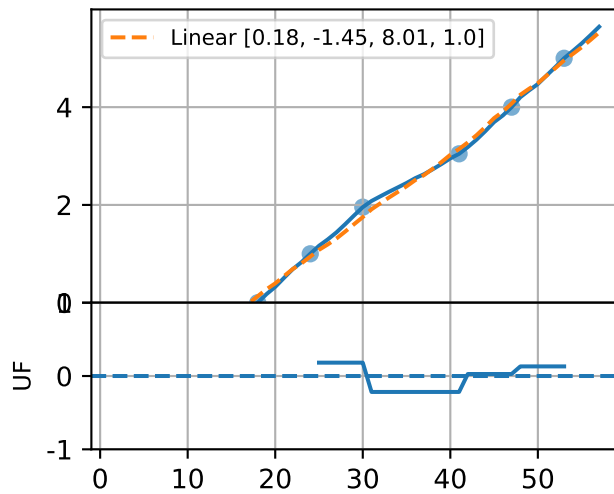
P3-2-24-18



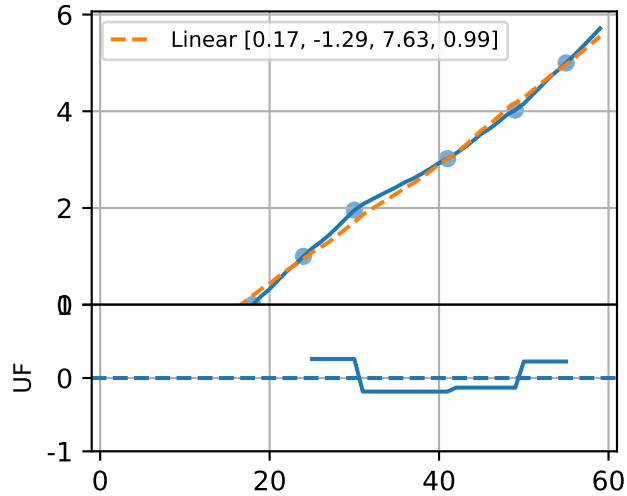
P3-2-40-6



P3-2-55-28



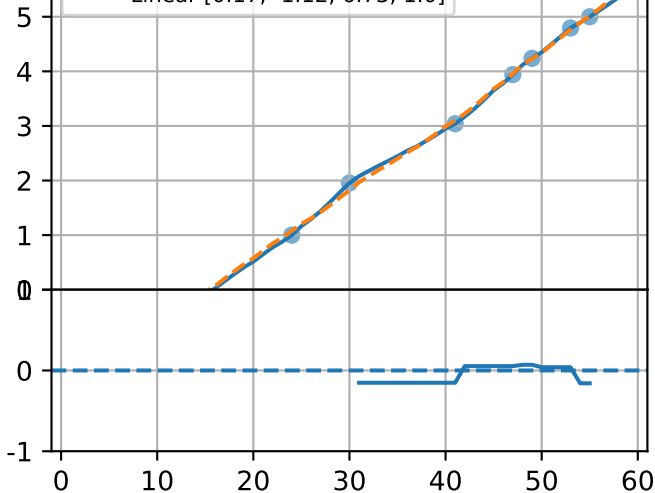
P3-2-9-8



P3-2avg
TSN

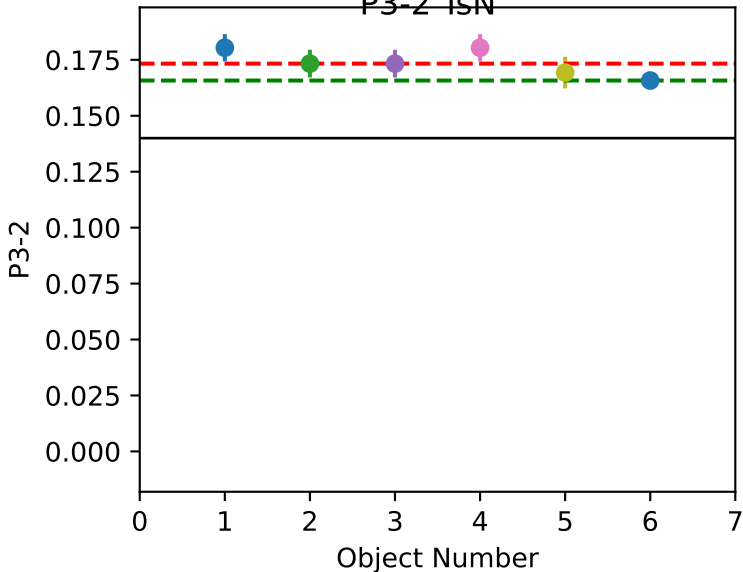
Linear [0.17, -1.12, 6.73, 1.0]

UF



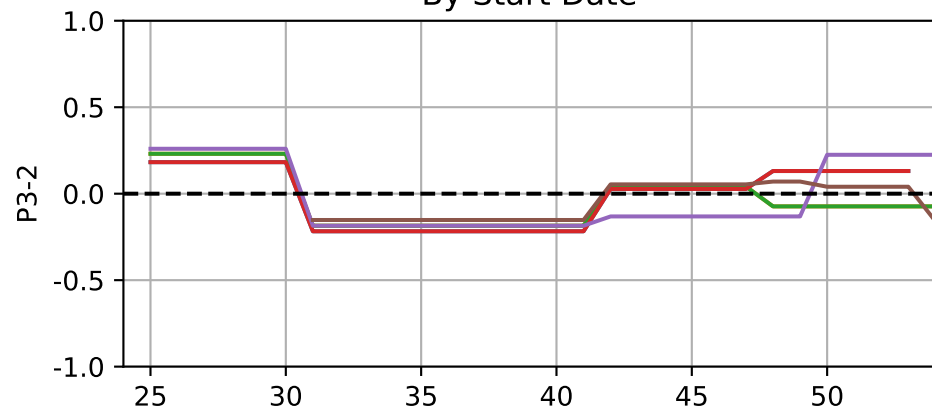
a (Def=0.14 Set=0.17)
avg1=0.17~3% avg2=0.17~5%

P3-2 TSN

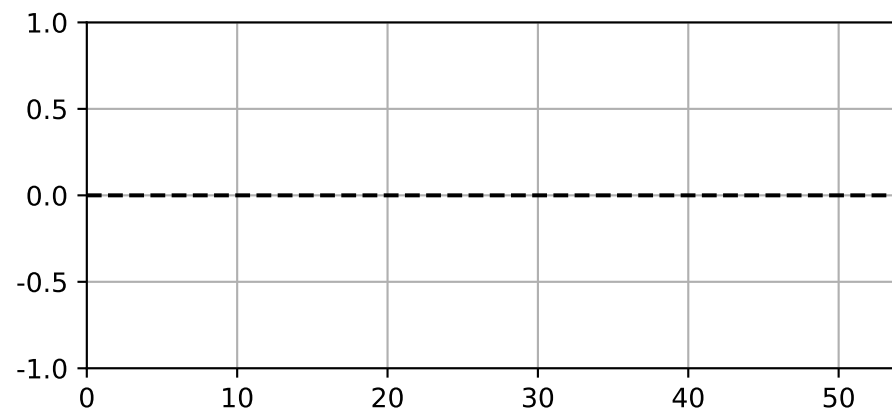
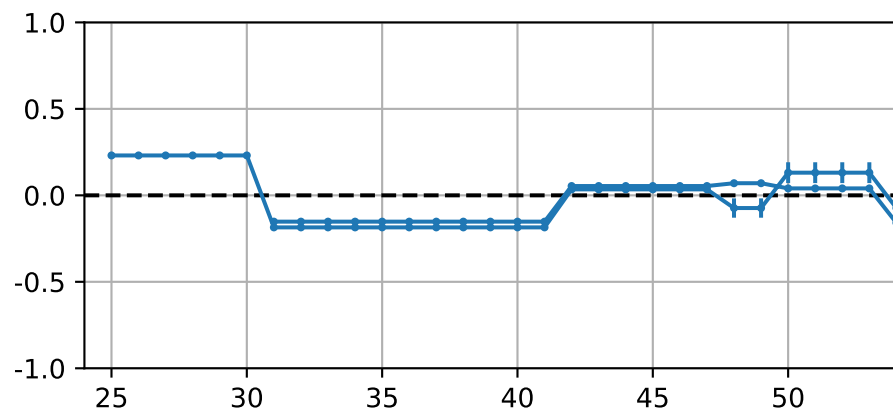
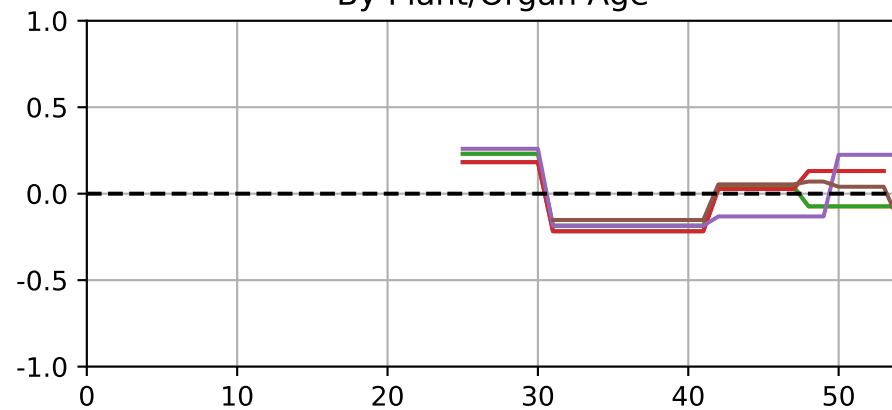


TsN

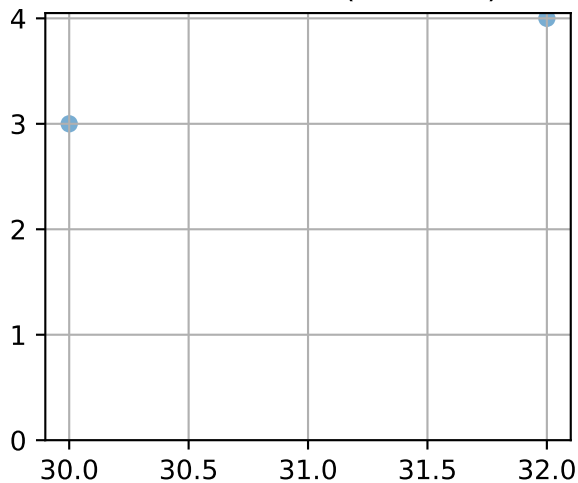
By Start Date



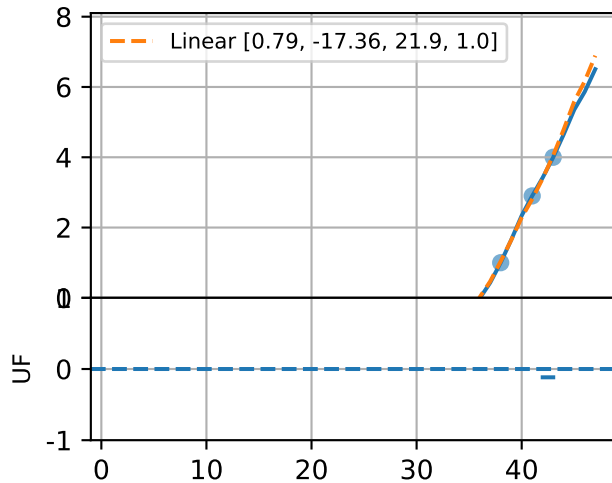
By Plant/Organ Age



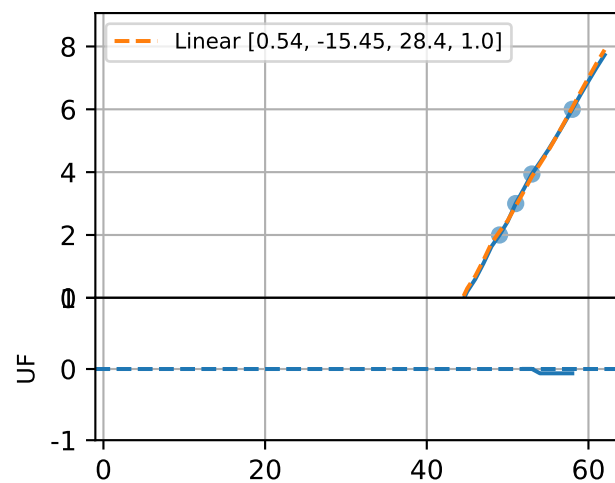
P3-2-16-21T1 (fit failed)



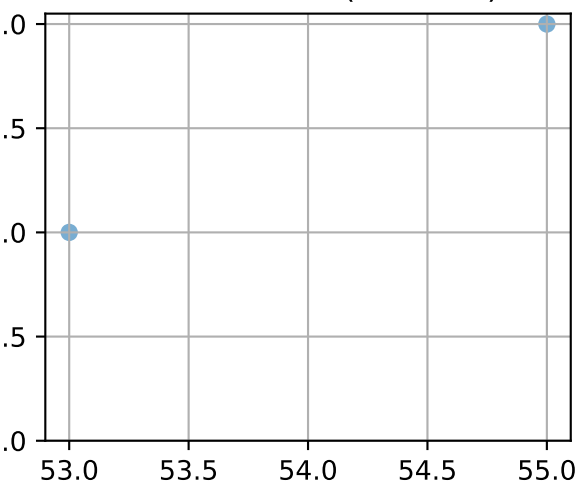
P3-2-16-21T2



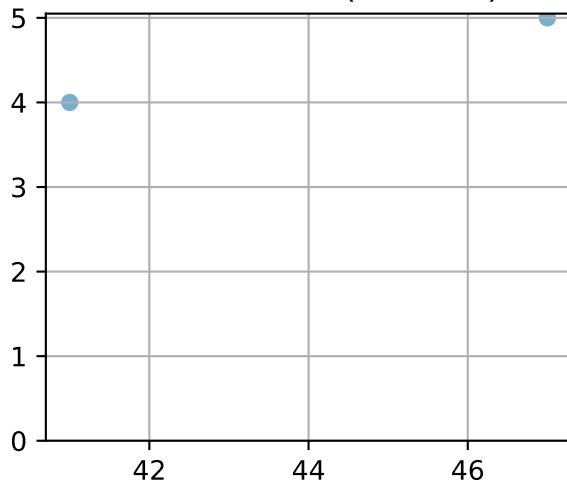
P3-2-16-21T3



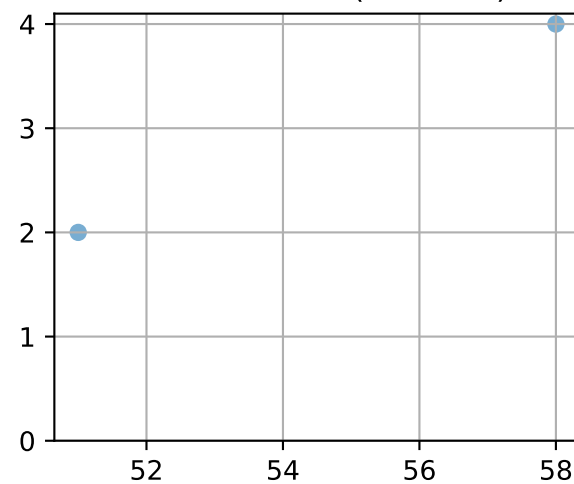
P3-2-16-21T4 (fit failed)



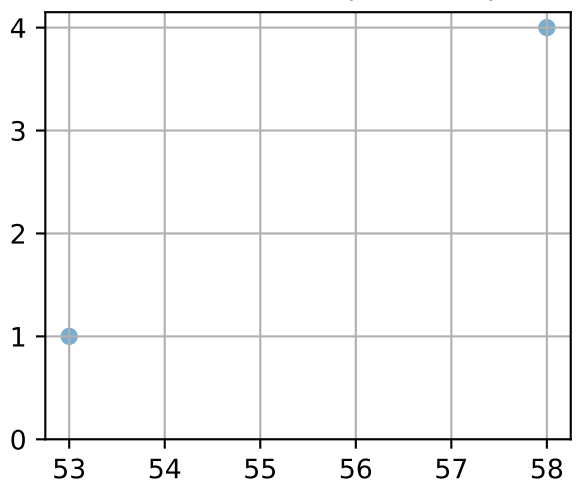
P3-2-24-18T2 (fit failed)



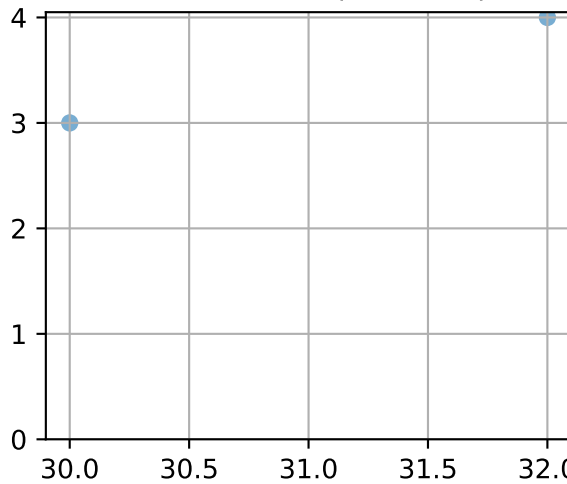
P3-2-24-18T3 (fit failed)



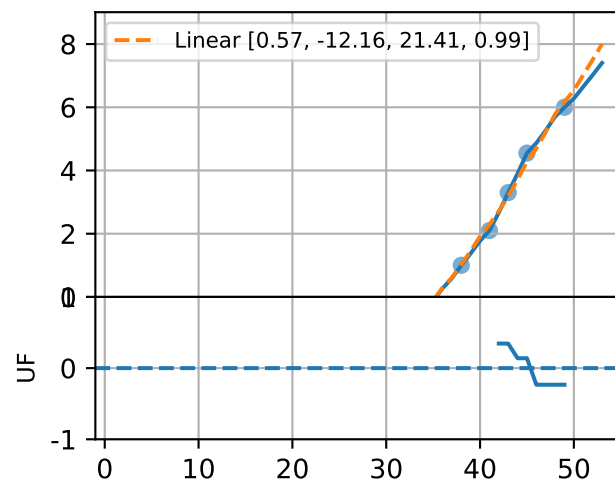
P3-2-24-18T4 (fit failed)



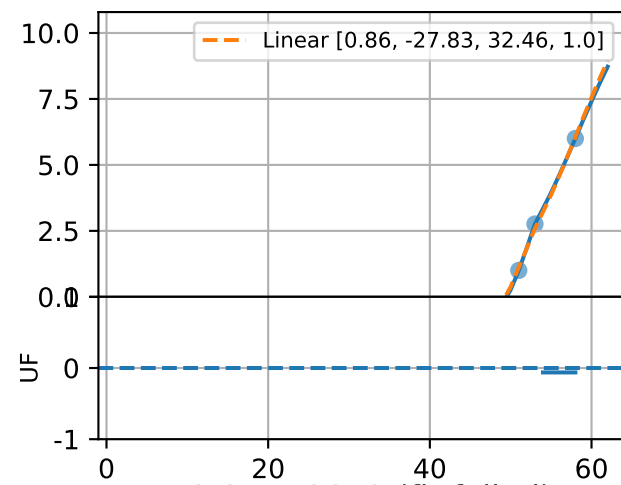
P3-2-40-6T1 (fit failed)



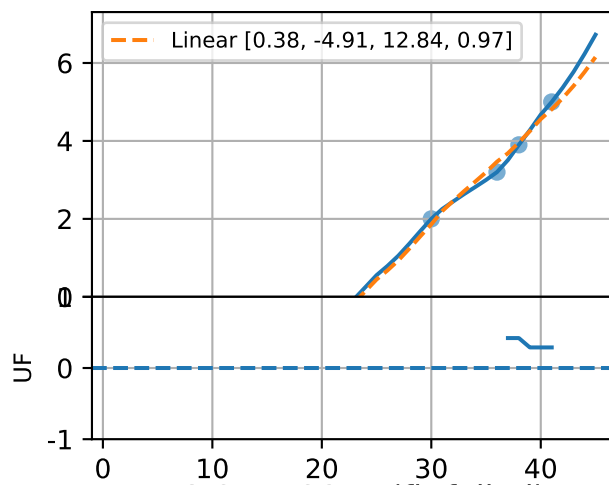
P3-2-40-6T2



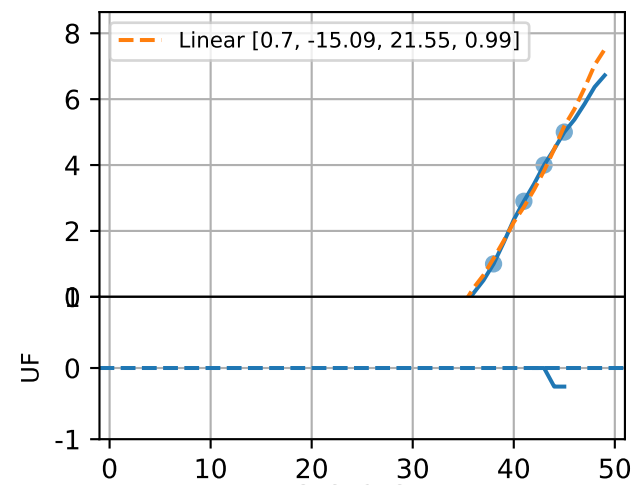
P3-2-40-6T3



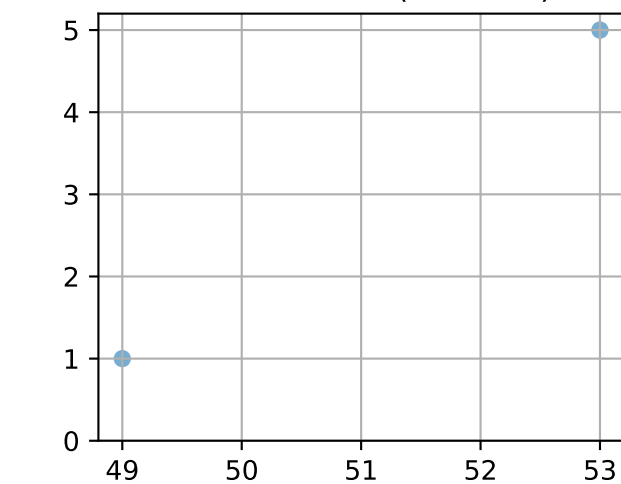
P3-2-55-28T1



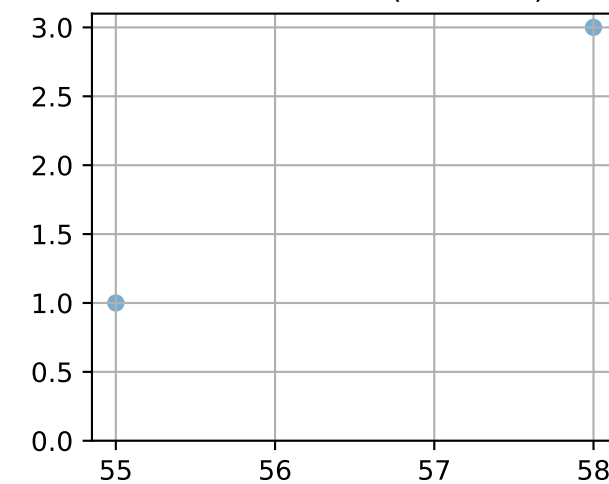
P3-2-55-28T2



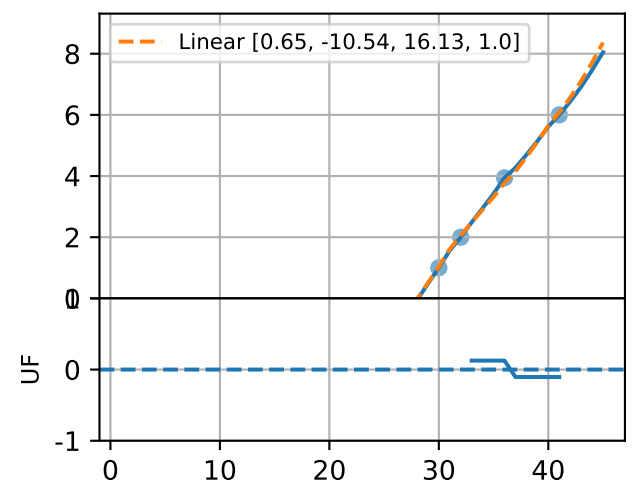
P3-2-55-28T3 (fit failed)



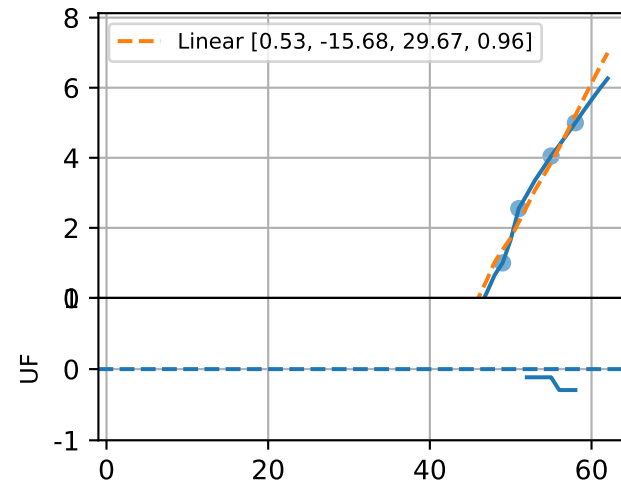
P3-2-55-28T4 (fit failed)



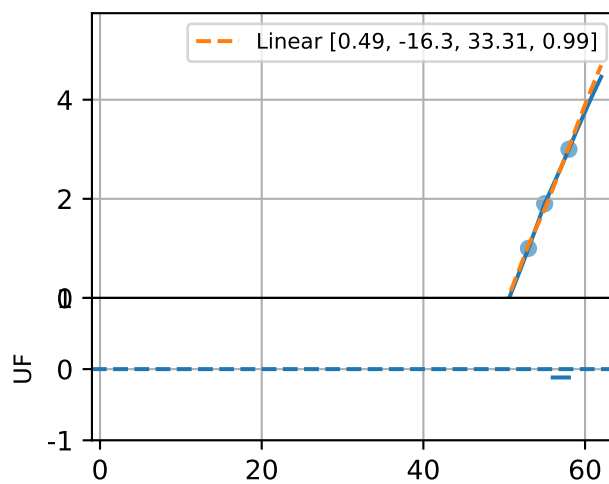
P3-2-9-8T1



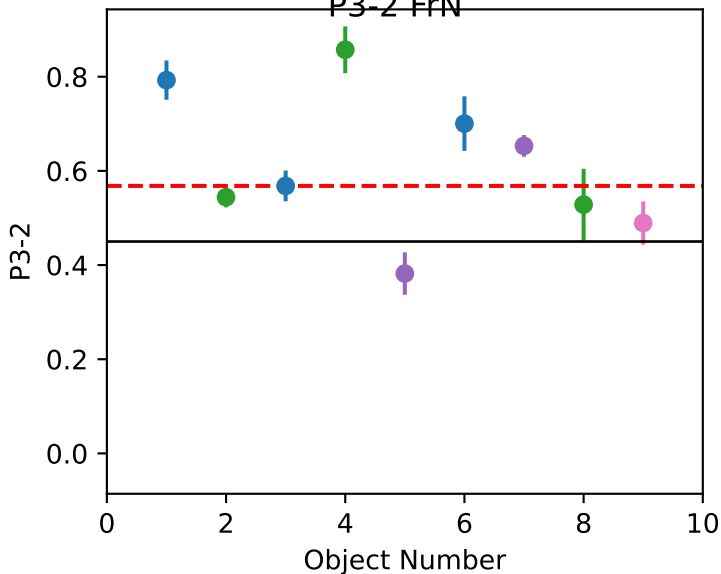
P3-2-9-8T3



P3-2-9-8T4

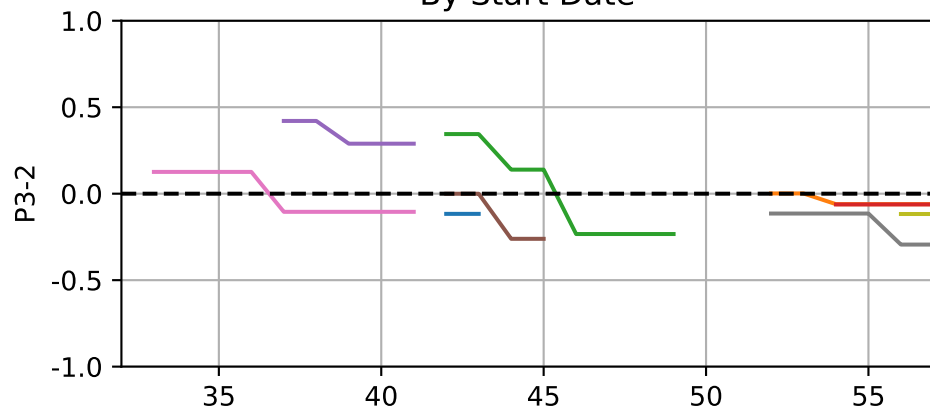


a (Def=0.45 Set=0.57)
avg1=0.57~27% avg2=na
P3-2 FrN

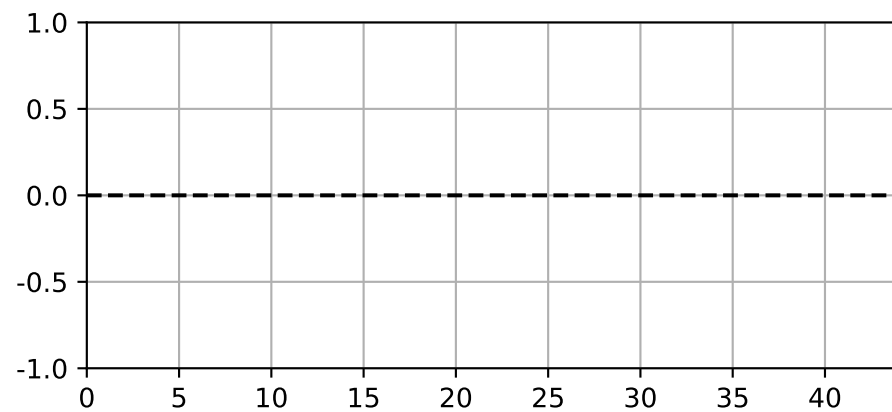
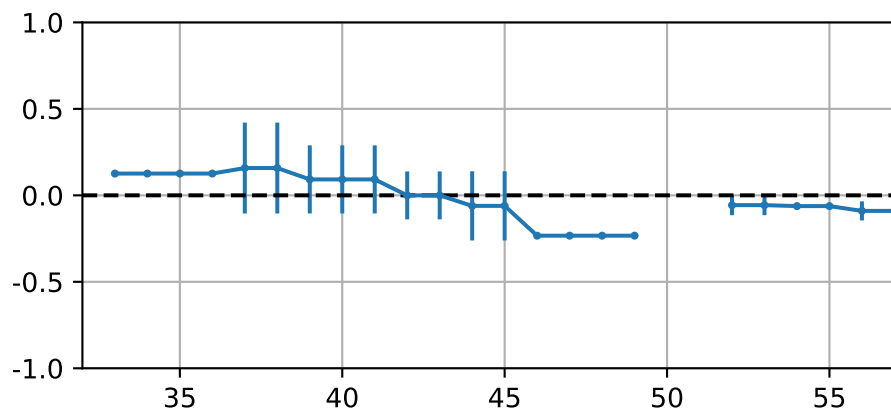
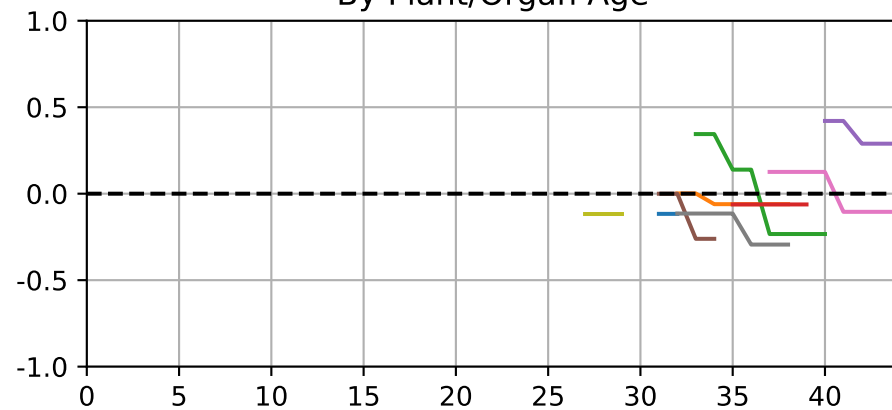


FrN

By Start Date

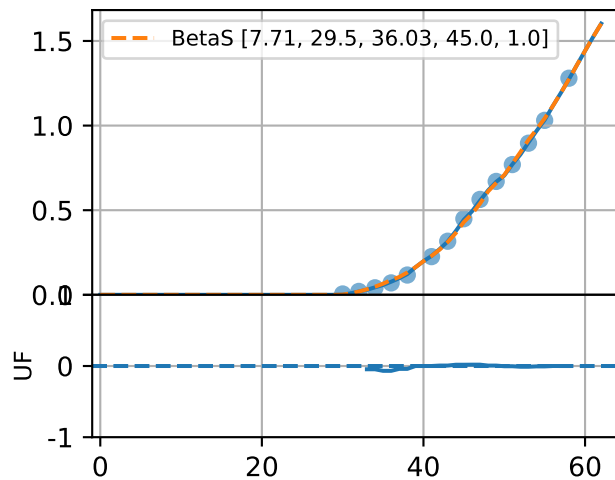


By Plant/Organ Age

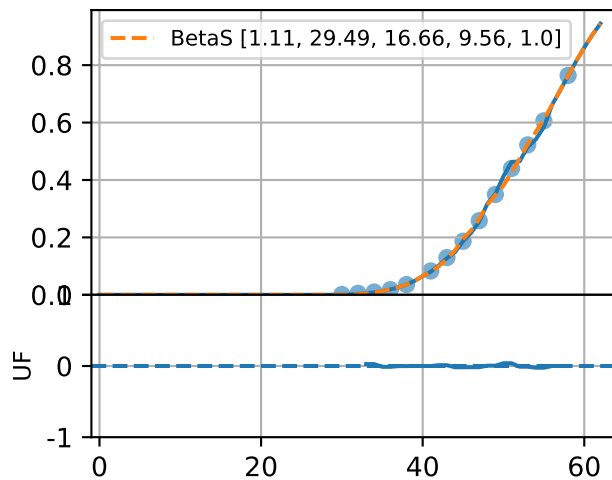


FrY

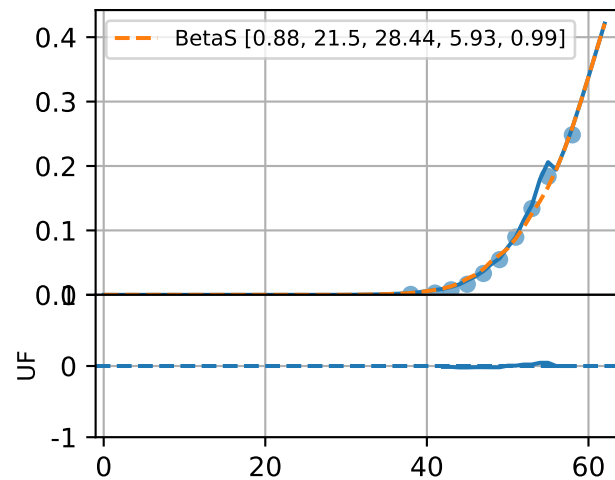
P3-2-16-21T1Fr1 (fit failed)



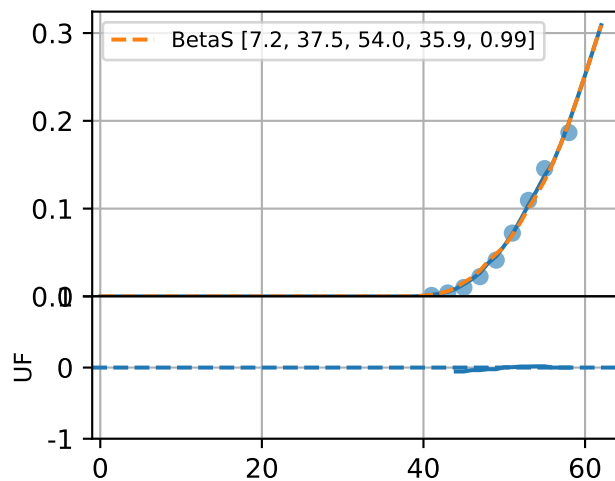
P3-2-16-21T1Fr5



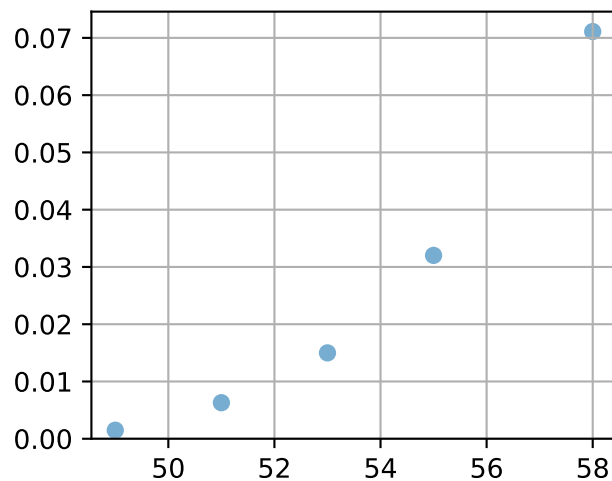
P3-2-16-21T2Fr1 (fit failed)



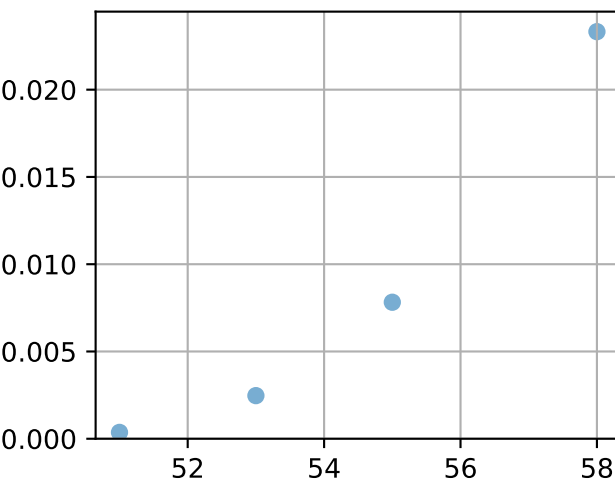
P3-2-16-21T2Fr5 (fit failed)



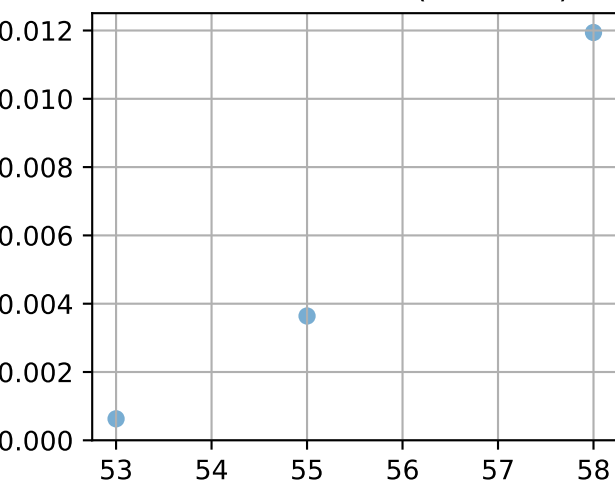
P3-2-16-21T3Fr1 (fit failed)



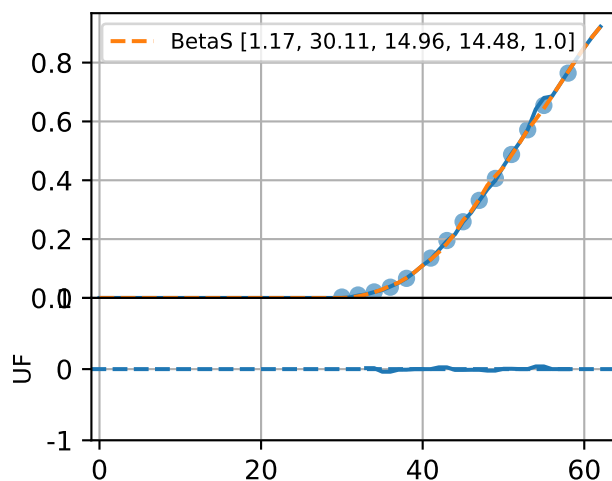
P3-2-16-21T3Fr5 (fit failed)



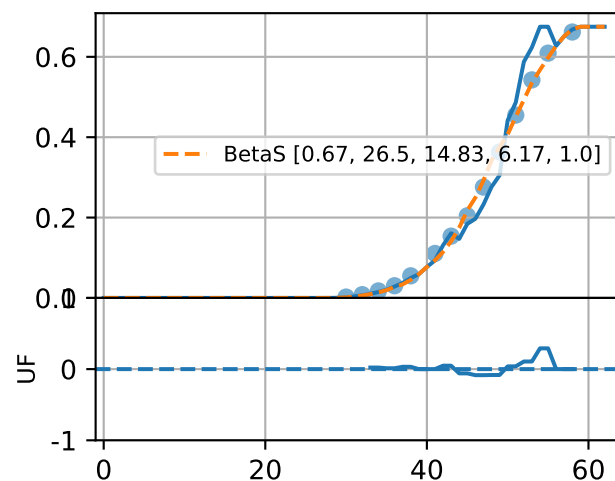
P3-2-16-21T4Fr1 (fit failed)



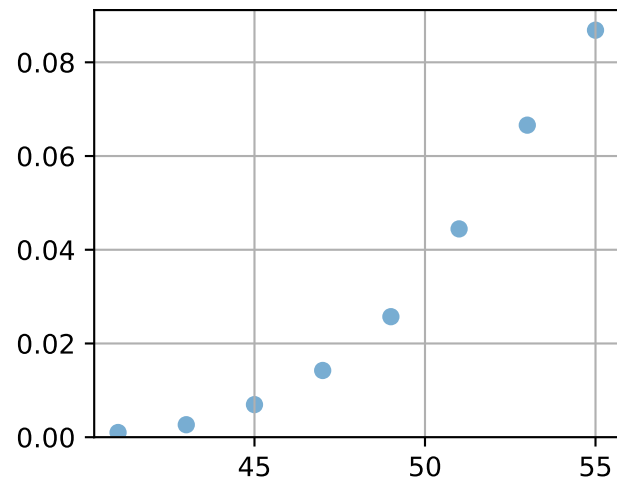
P3-2-24-18T1Fr1



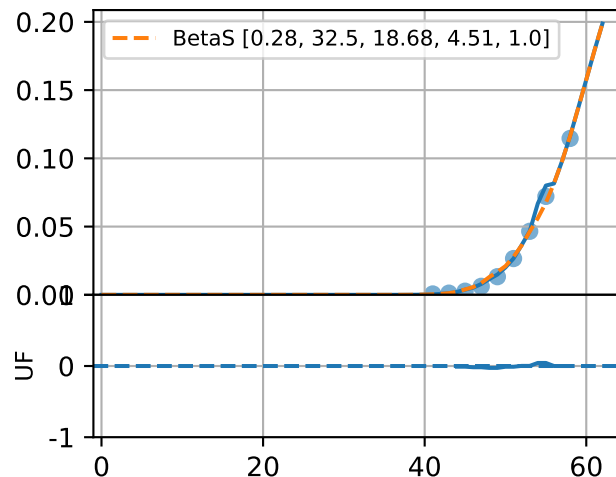
P3-2-24-18T1Fr5



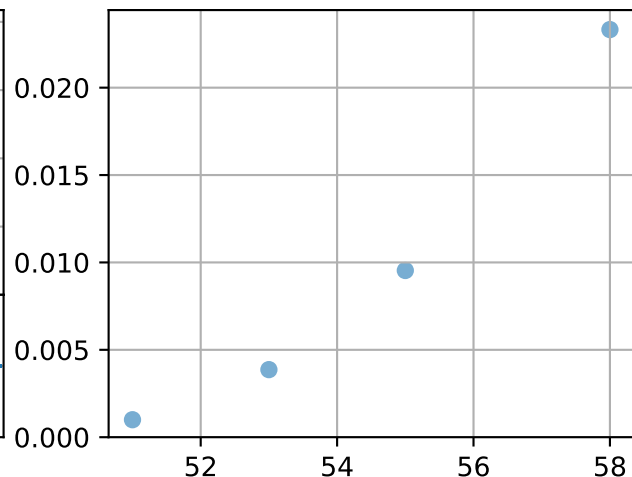
P3-2-24-18T2Fr1 (fit failed)



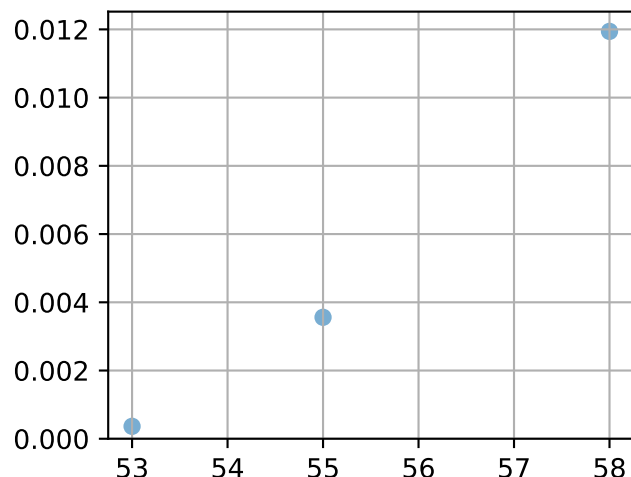
P3-2-24-18T2Fr5 (fit failed)



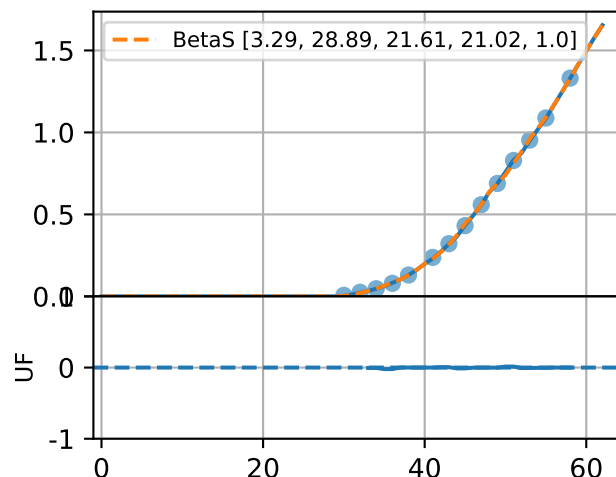
P3-2-24-18T3Fr1 (fit failed)



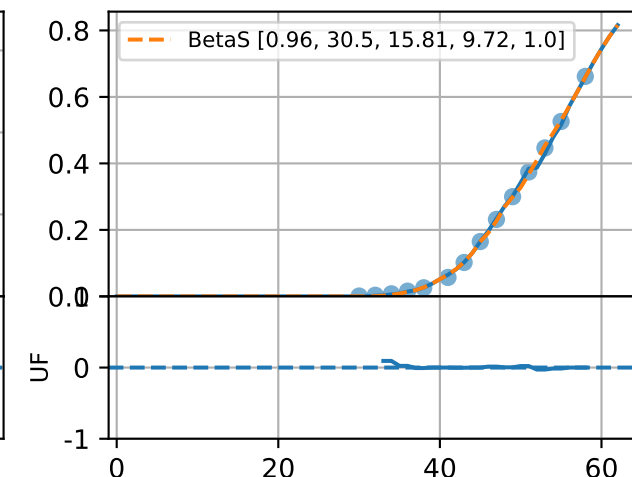
P3-2-24-18T4Fr1 (fit failed)



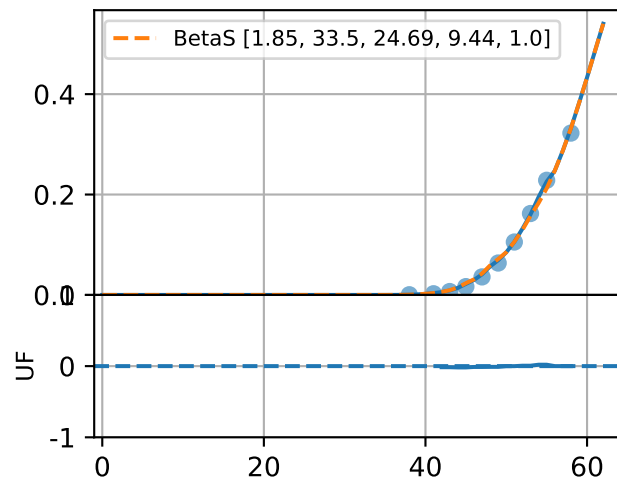
P3-2-40-6T1Fr1



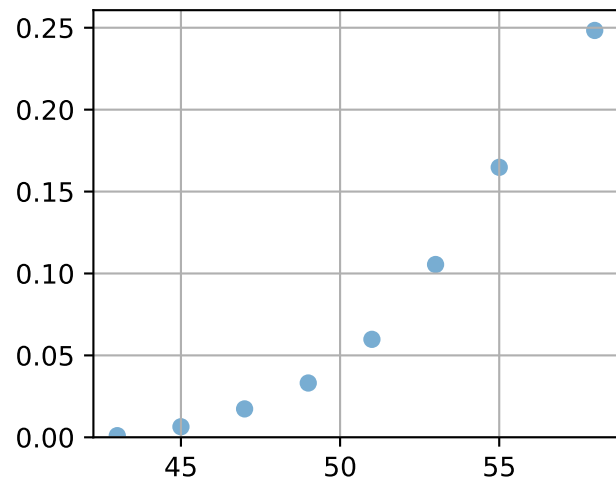
P3-2-40-6T1Fr5



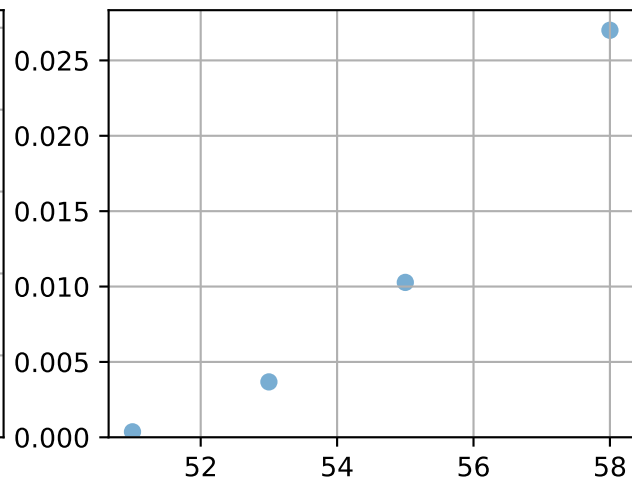
P3-2-40-6T2Fr1 (fit failed)



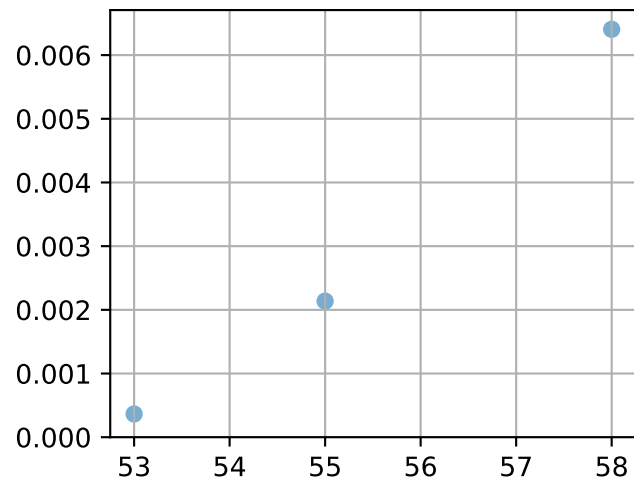
P3-2-40-6T2Fr5 (fit failed)



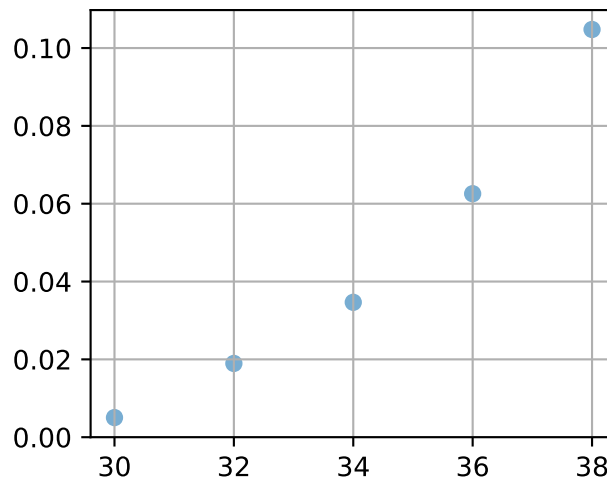
P3-2-40-6T3Fr1 (fit failed)



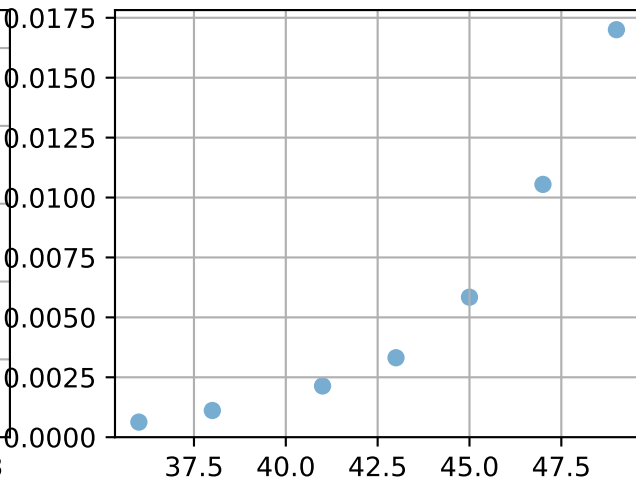
P3-2-40-6T3Fr5 (fit failed)



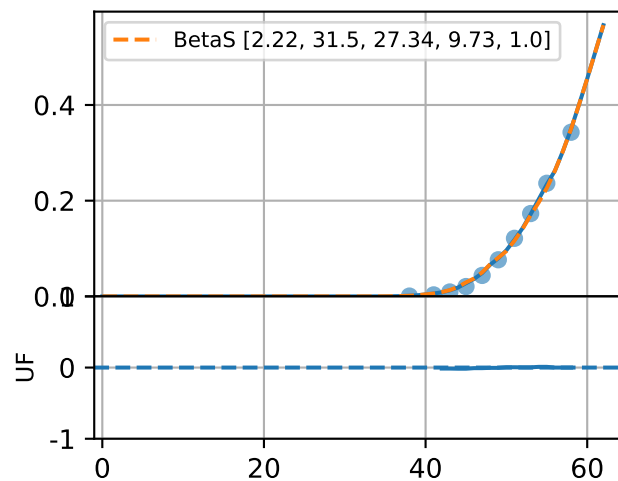
P3-2-55-28T1Fr1 (fit failed)



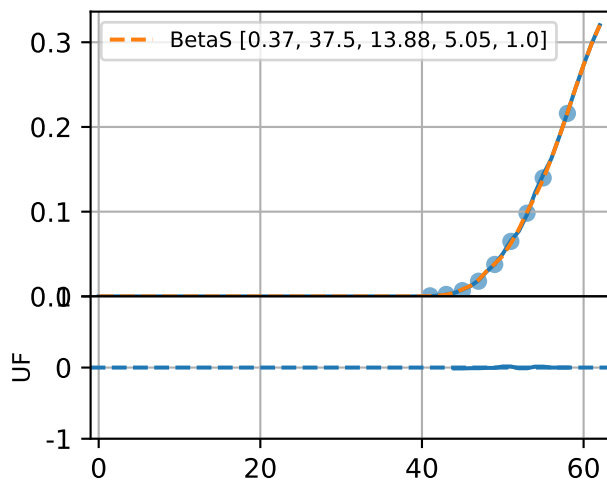
P3-2-55-28T1Fr5 (fit failed)



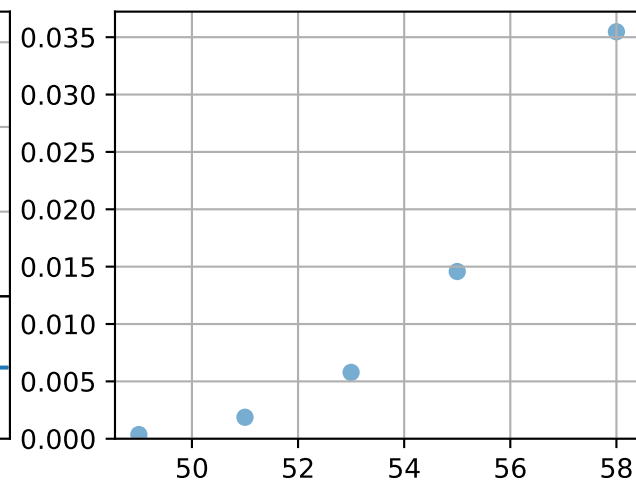
P3-2-55-28T2Fr1 (fit failed)



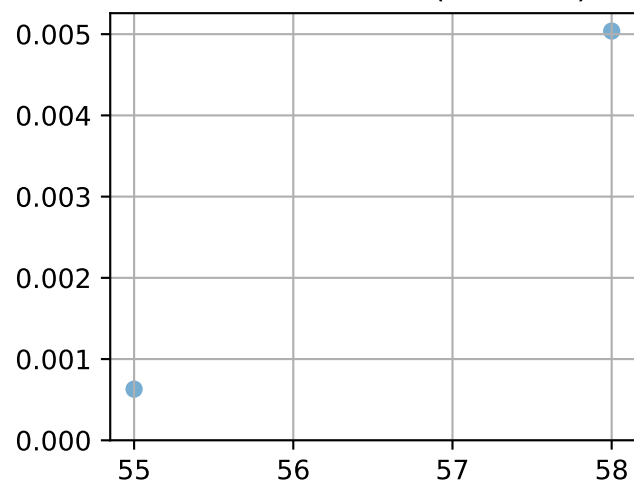
P3-2-55-28T2Fr5



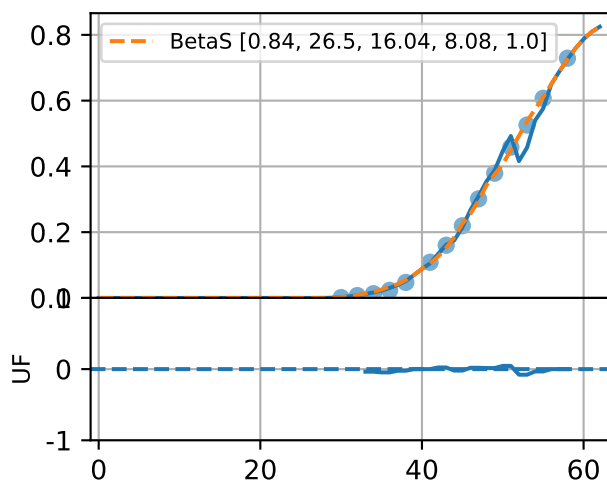
P3-2-55-28T3Fr1 (fit failed)



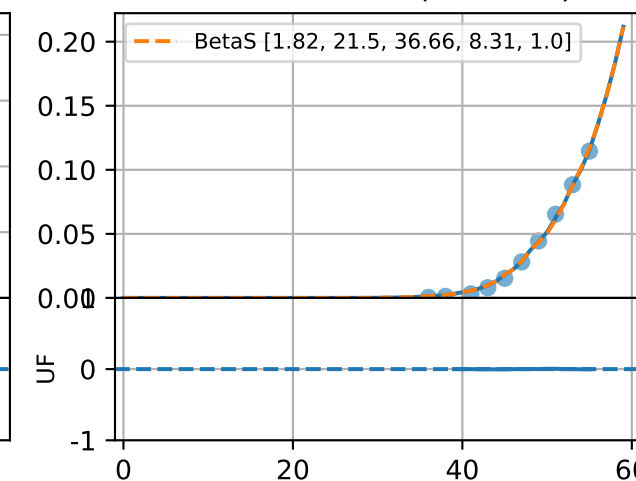
P3-2-55-28T4Fr1 (fit failed)



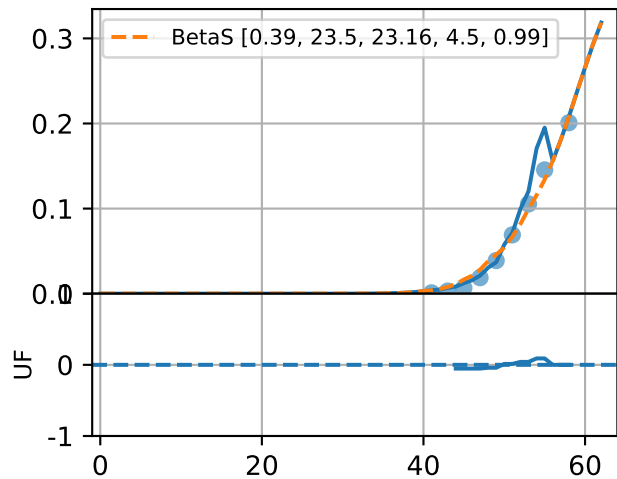
P3-2-9-8T1Fr1



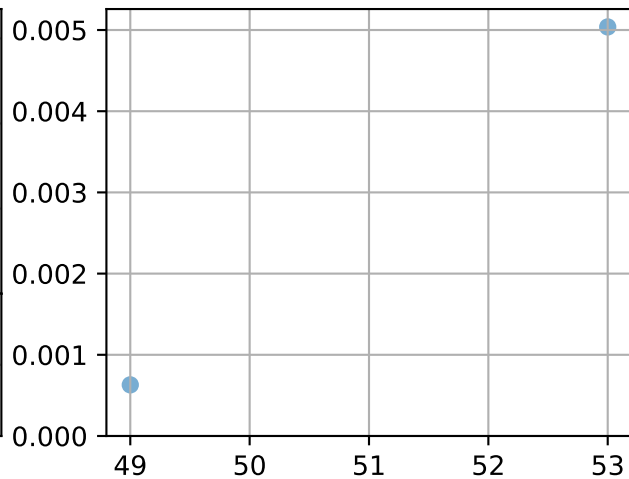
P3-2-9-8T1Fr5 (fit failed)



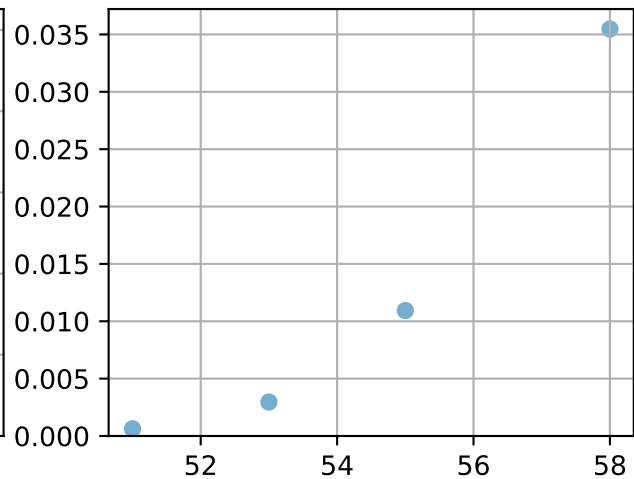
P3-2-9-8T2Fr1 (fit failed)



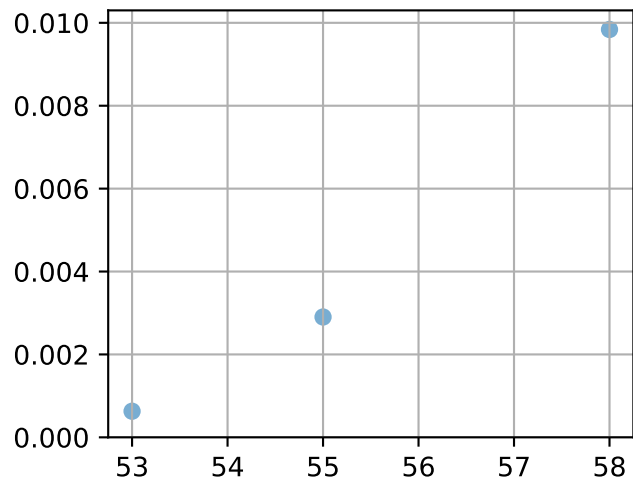
P3-2-9-8T3Fr1 (fit failed)

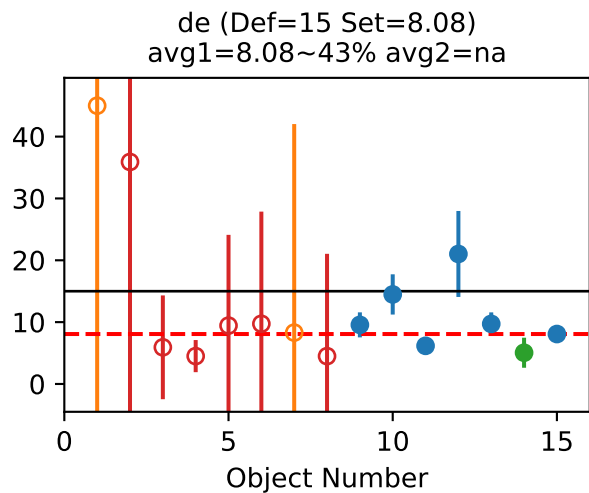
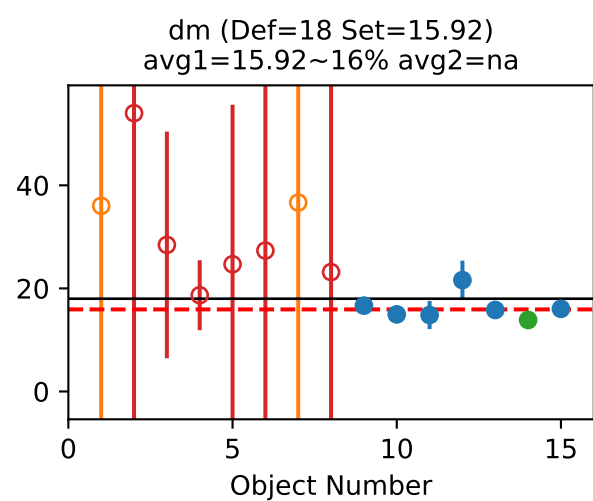
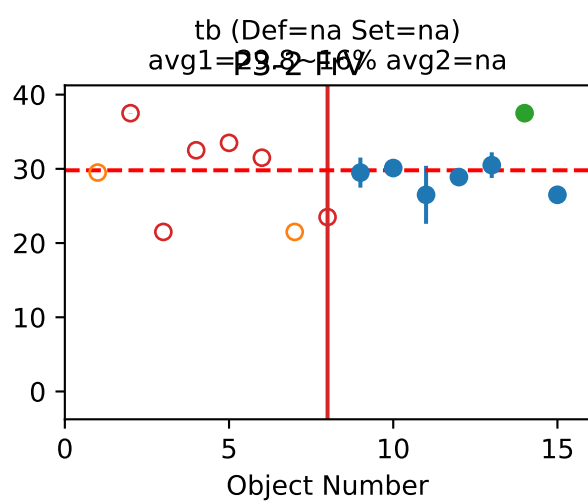
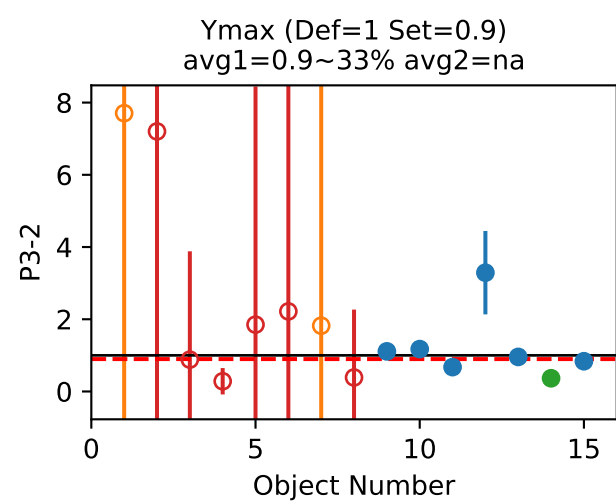


P3-2-9-8T3Fr5 (fit failed)

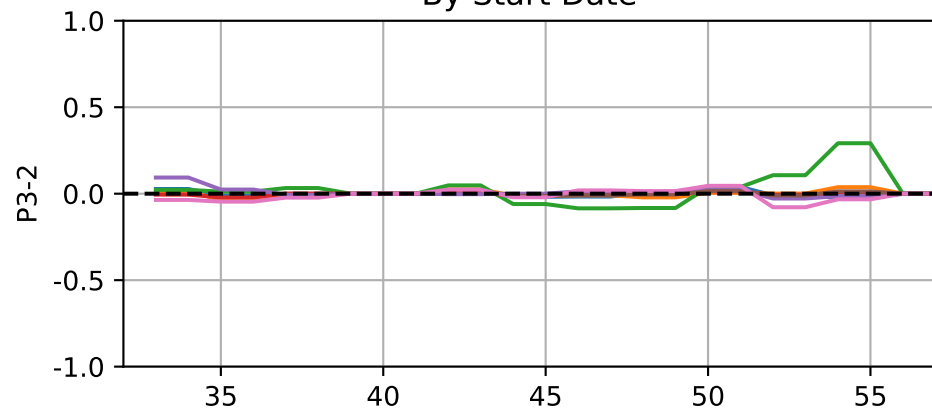


P3-2-9-8T4Fr1 (fit failed)

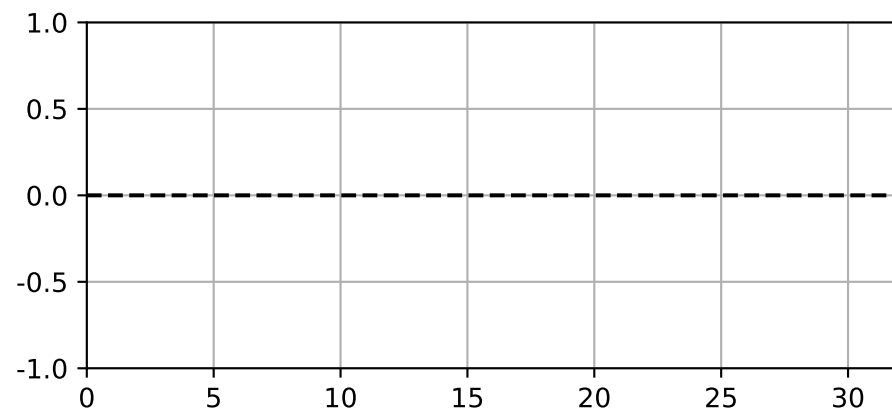
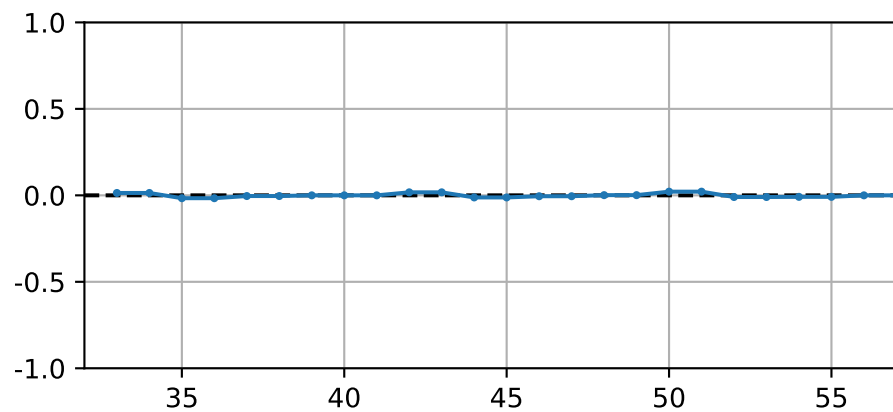
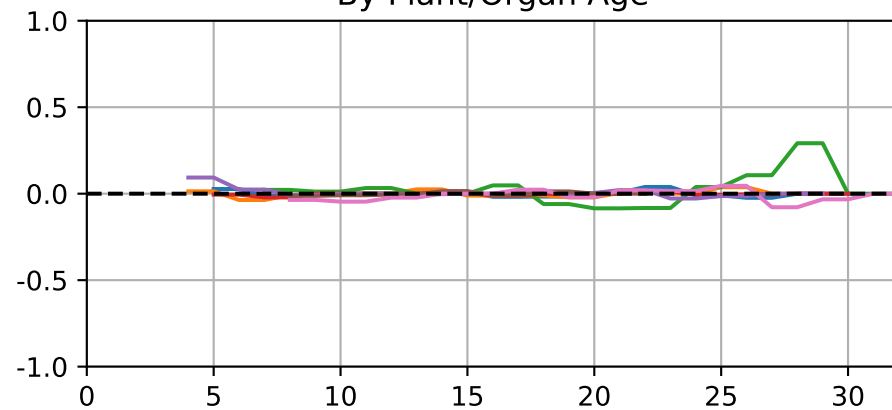




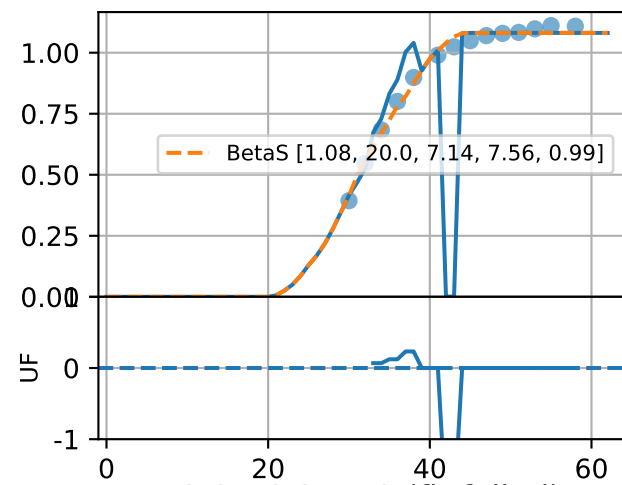
By Start Date



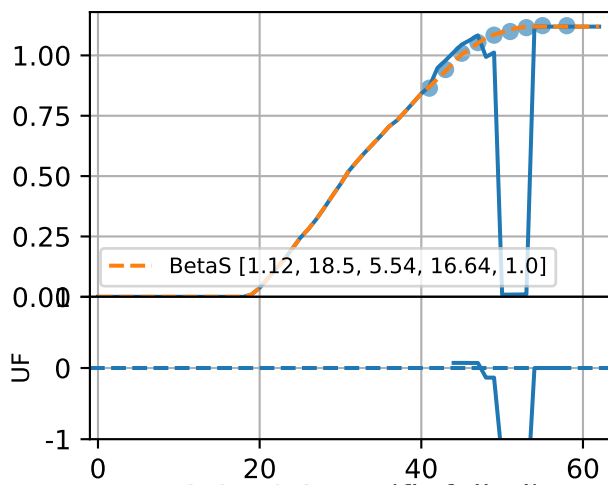
By Plant/Organ Age



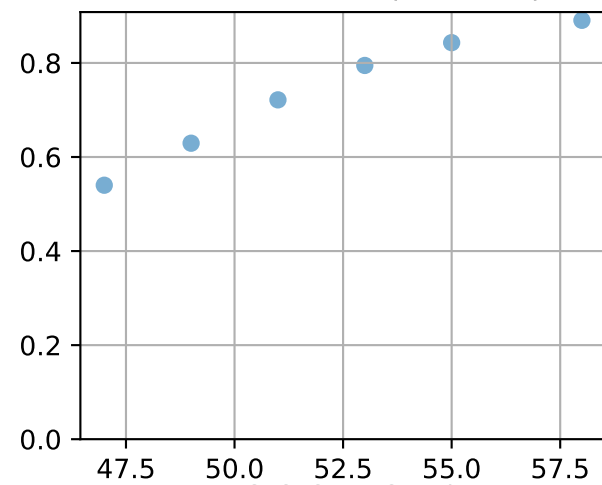
P3-2-16-21L10



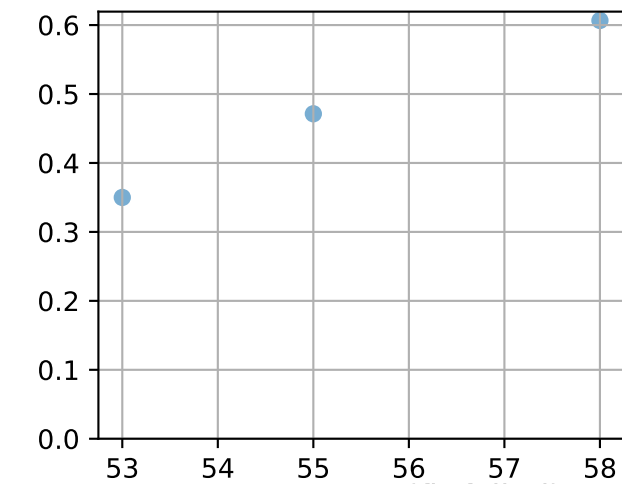
P3-2-16-21L13



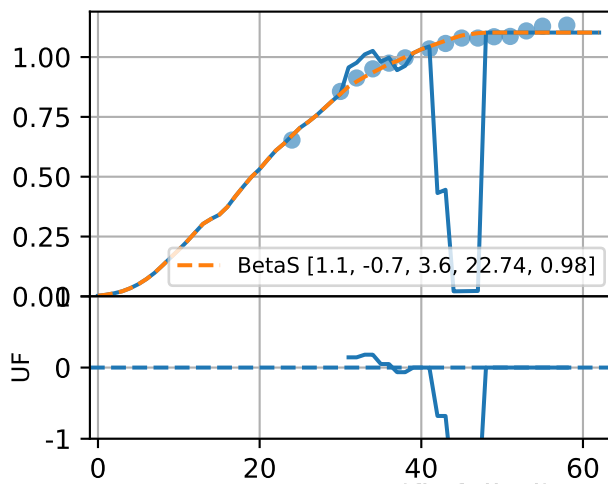
P3-2-16-21L16 (fit failed)



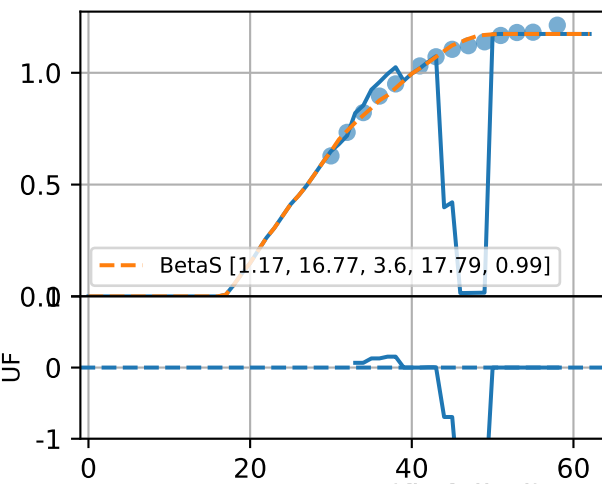
P3-2-16-21L19 (fit failed)



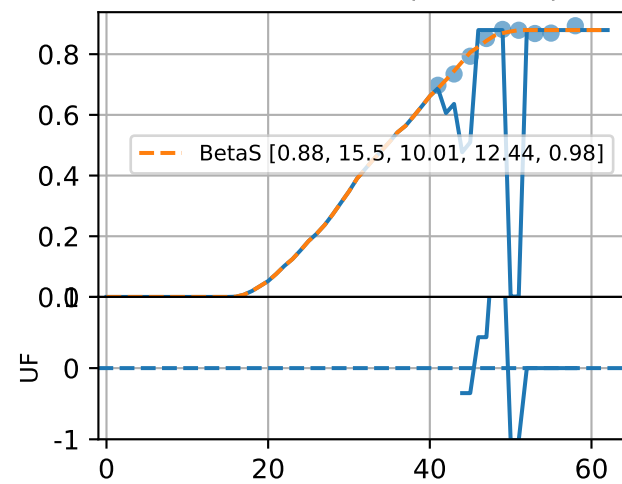
P3-2-16-21L7 (fit failed)



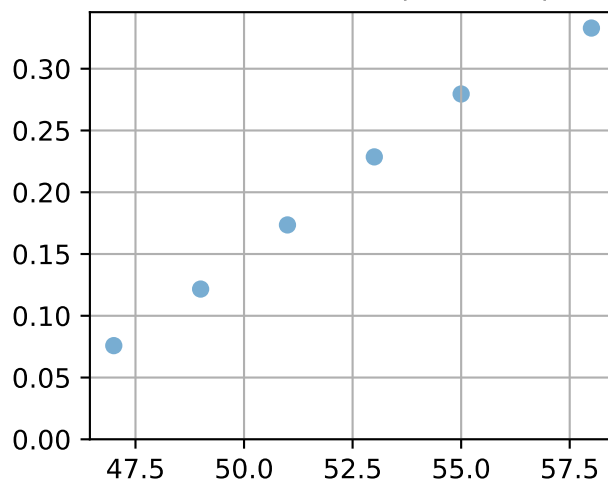
P3-2-24-18L10



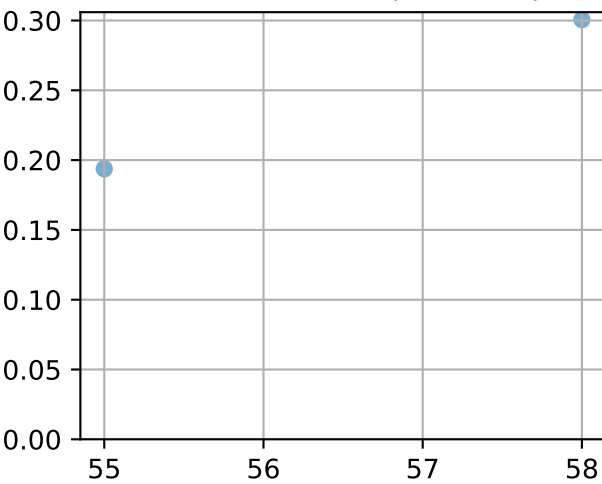
P3-2-24-18L13 (fit failed)



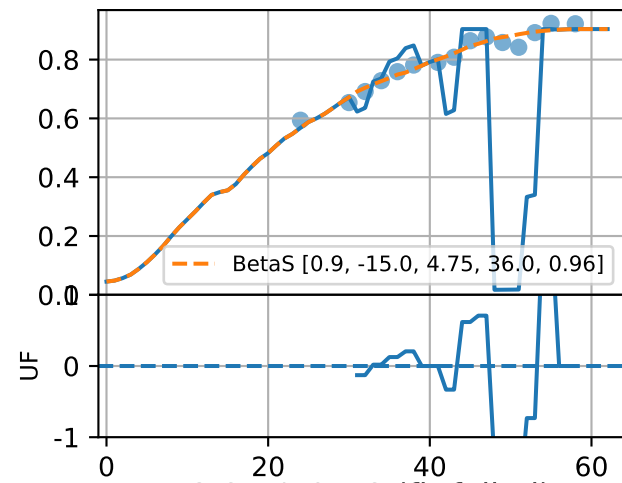
P3-2-24-18L16 (fit failed)



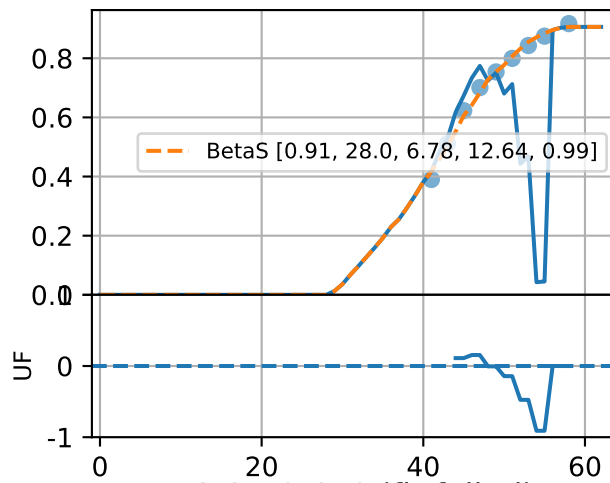
P3-2-24-18L18 (fit failed)



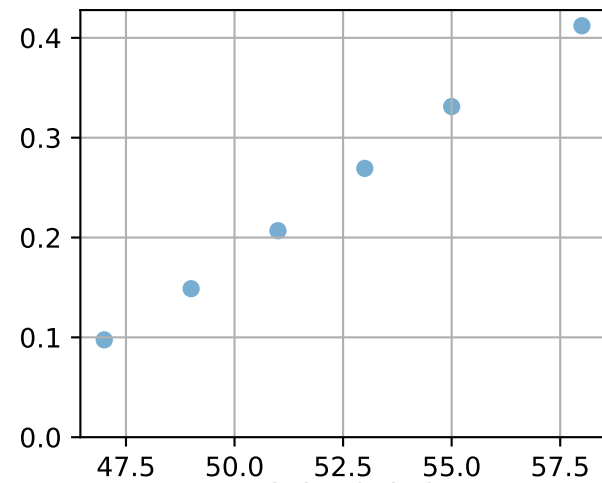
P3-2-24-18L6 (fit failed)



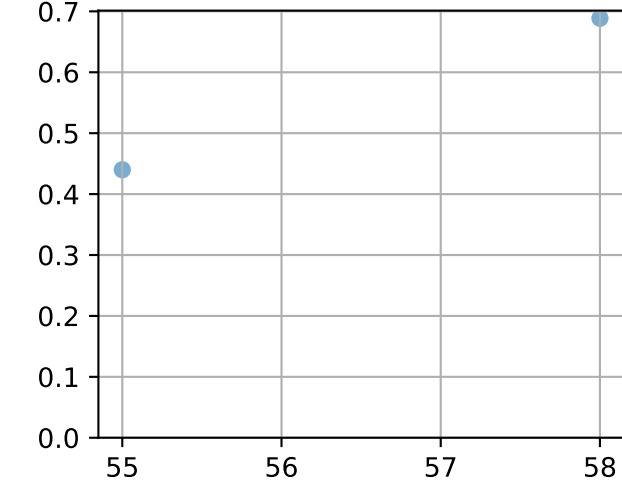
P3-2-40-6L12 (fit failed)



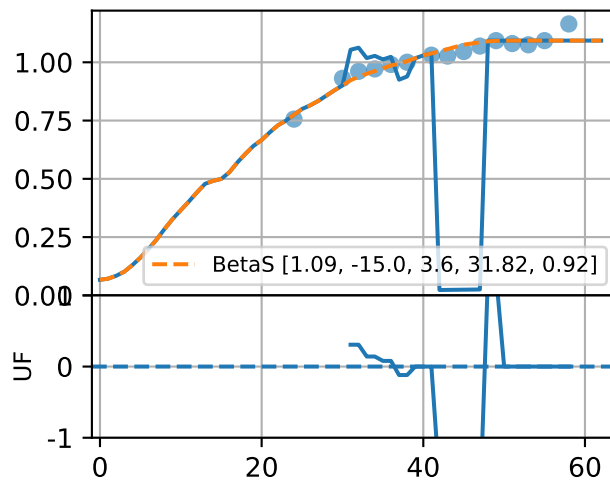
P3-2-40-6L15 (fit failed)



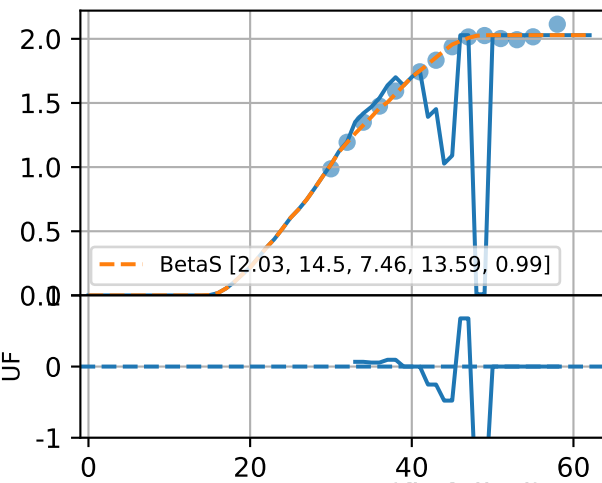
P3-2-40-6L18 (fit failed)



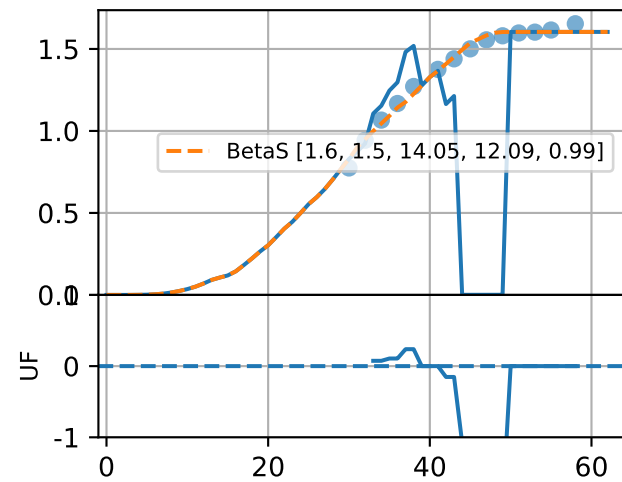
P3-2-40-6L6 (fit failed)



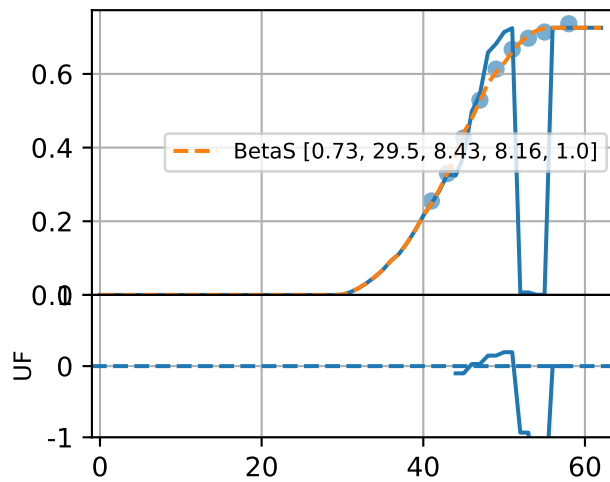
P3-2-40-6L9



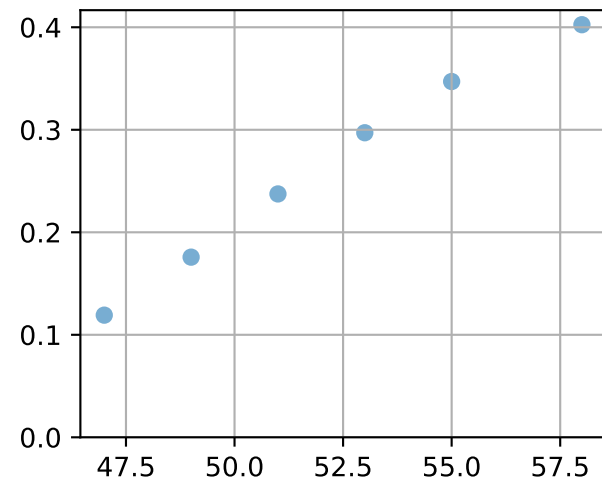
P3-2-55-28L10



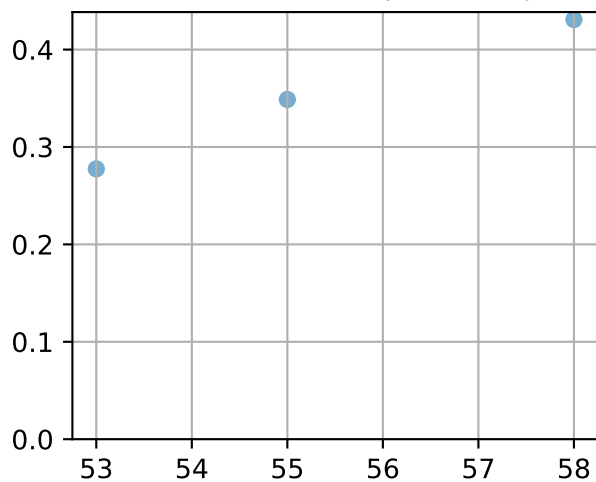
P3-2-55-28L13



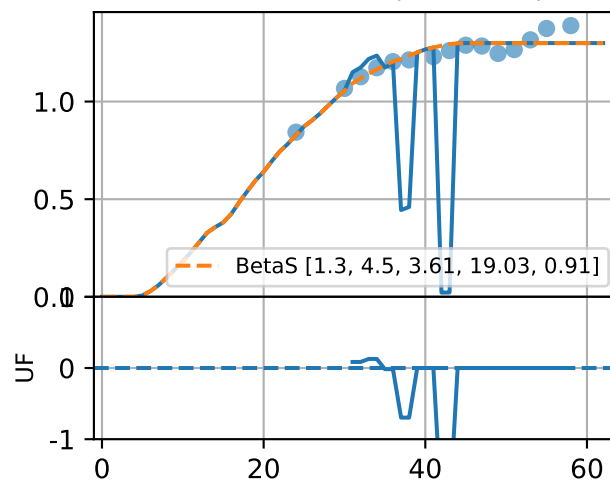
P3-2-55-28L16 (fit failed)



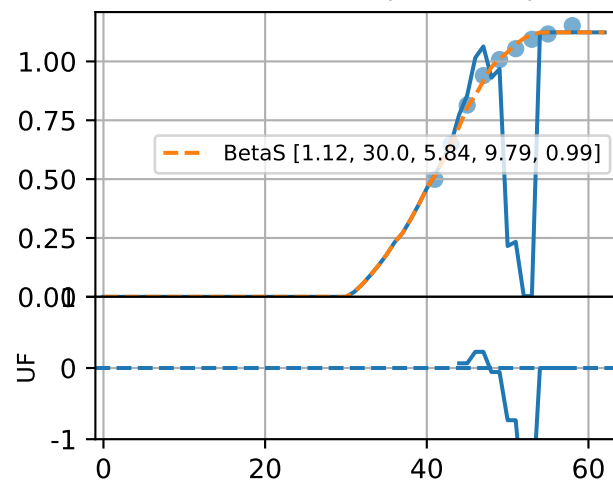
P3-2-55-28L18 (fit failed)



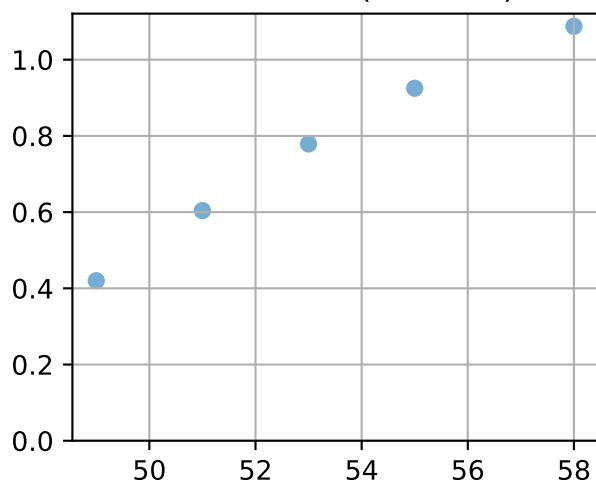
P3-2-55-28L7 (fit failed)



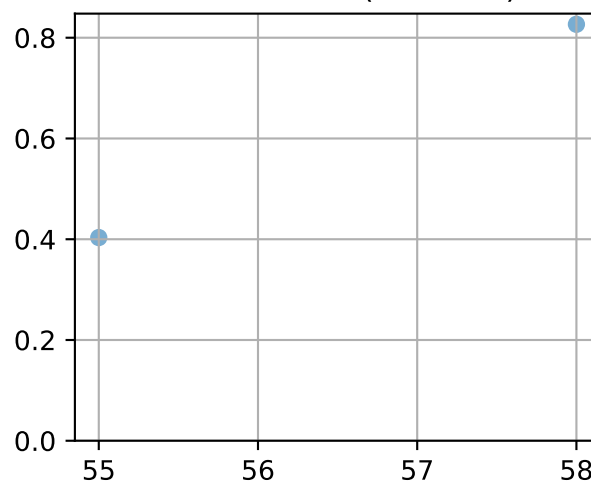
P3-2-9-8L12 (fit failed)



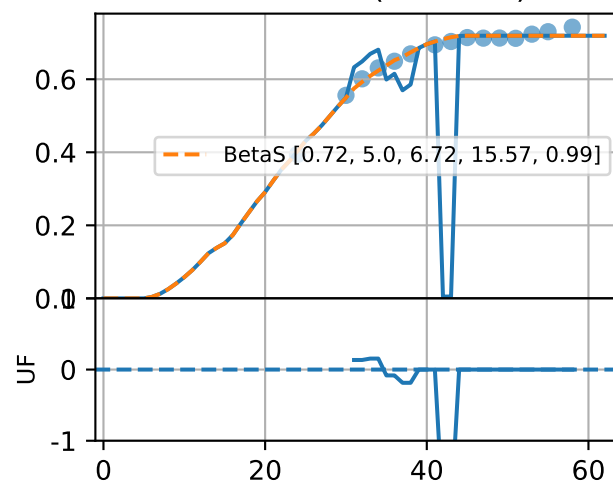
P3-2-9-8L15 (fit failed)



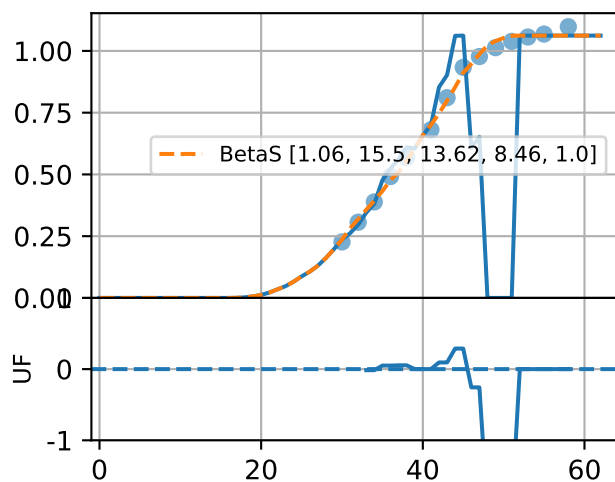
P3-2-9-8L18 (fit failed)

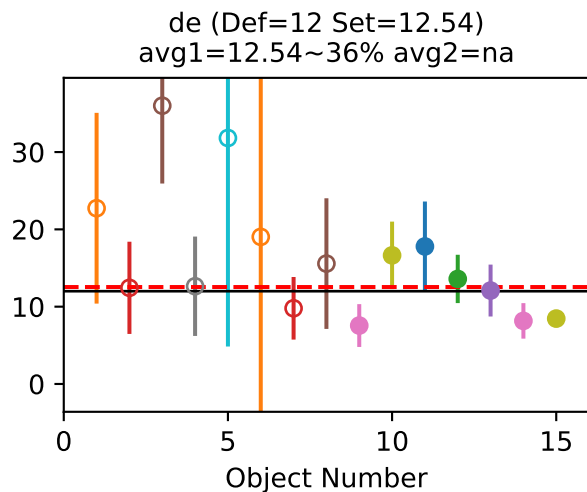
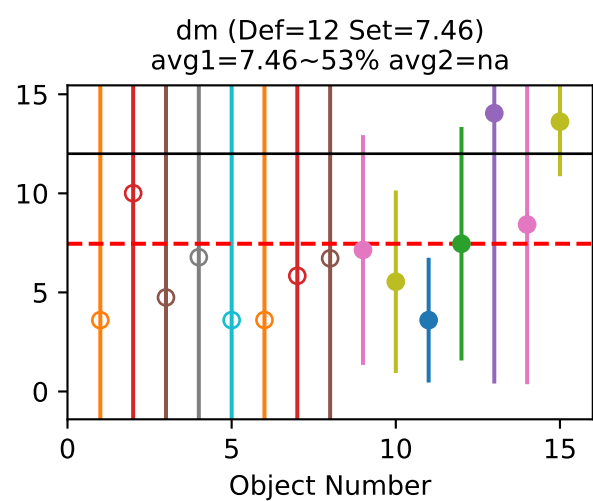
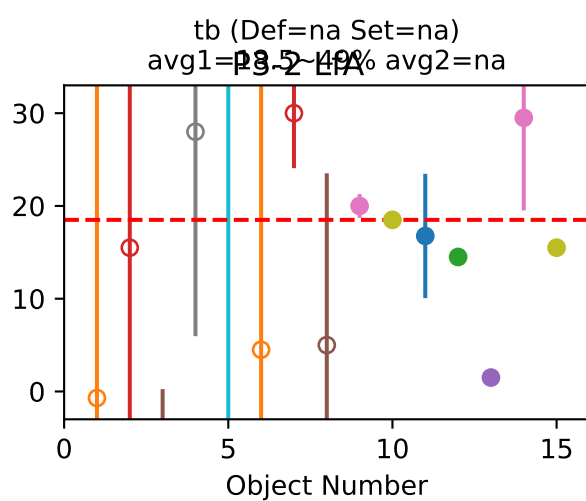
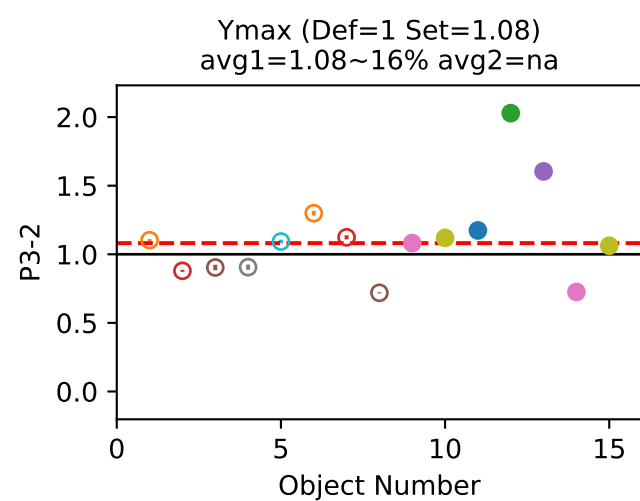


P3-2-9-8L6 (fit failed)

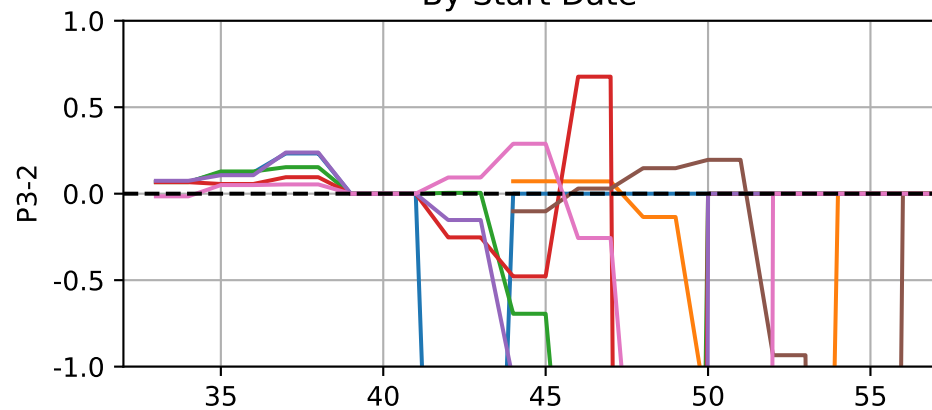


P3-2-9-8L9

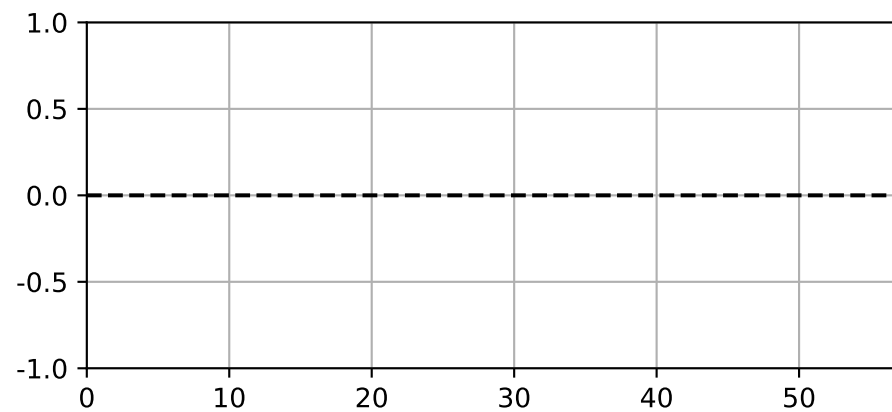
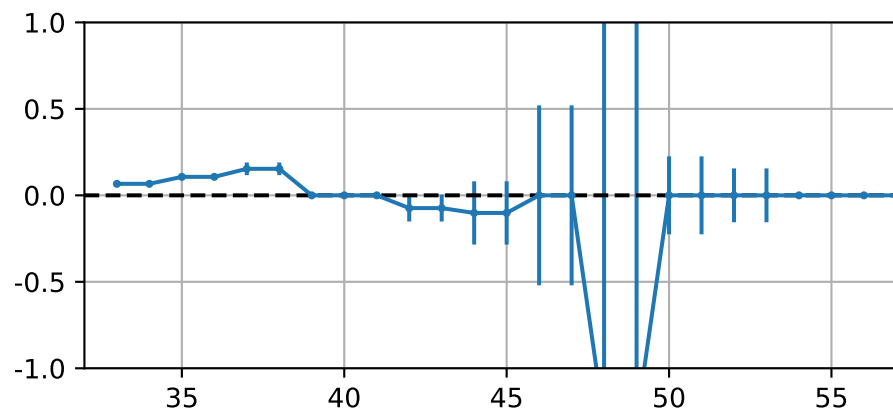
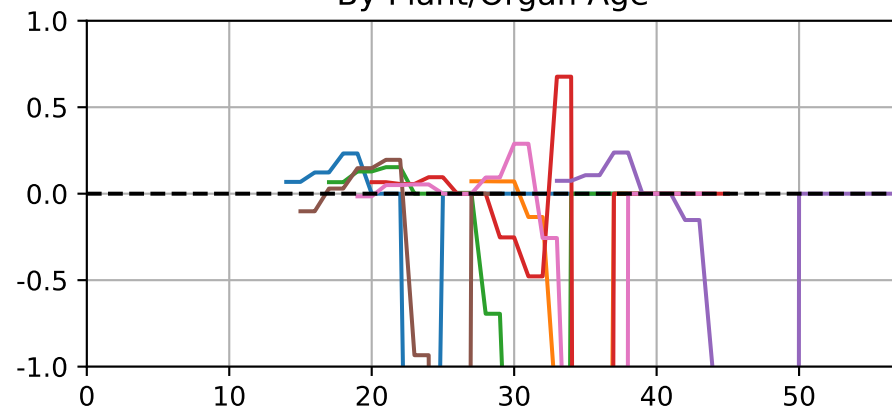


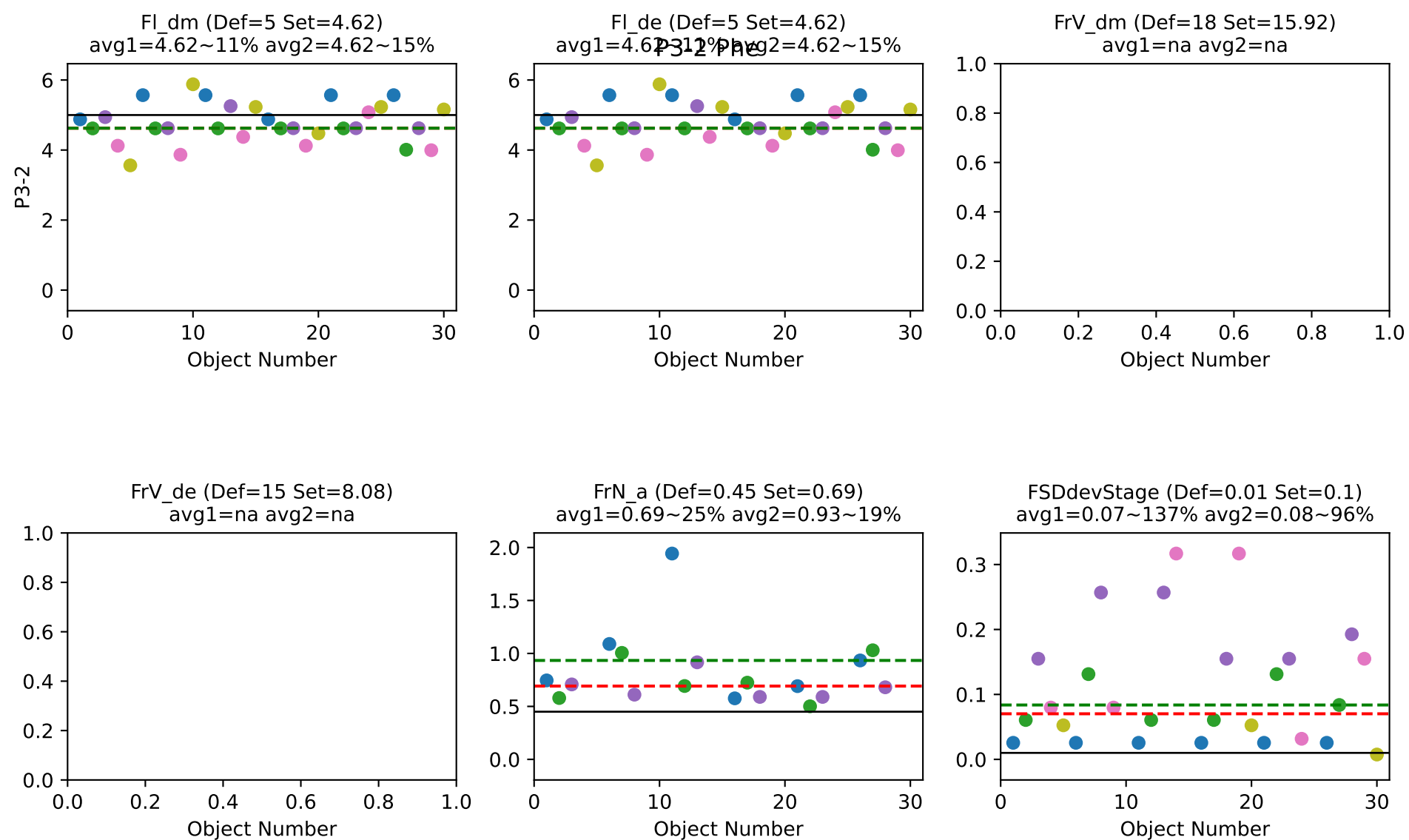


By Start Date

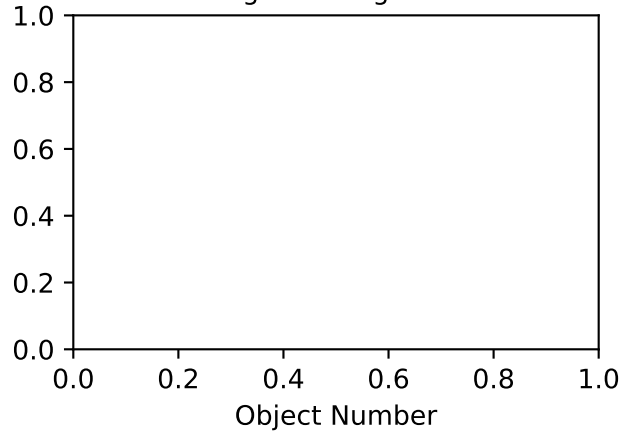


By Plant/Organ Age

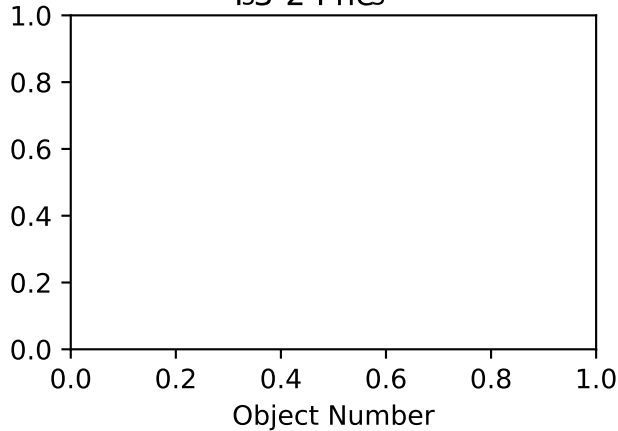




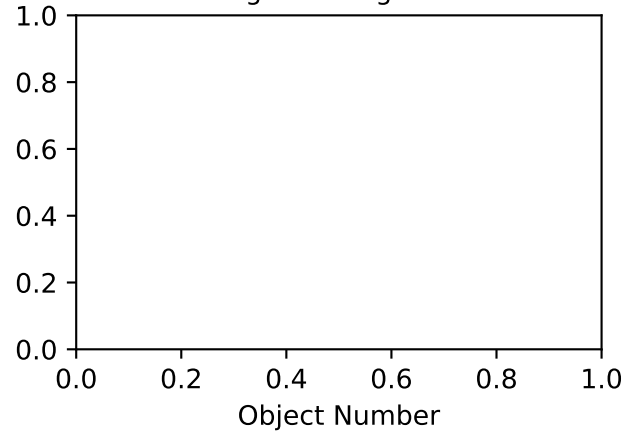
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



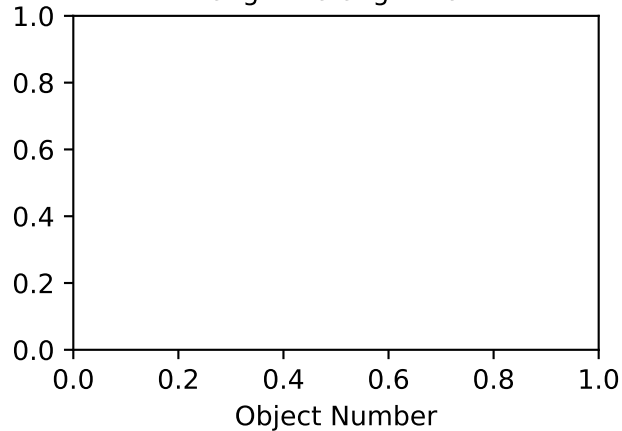
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



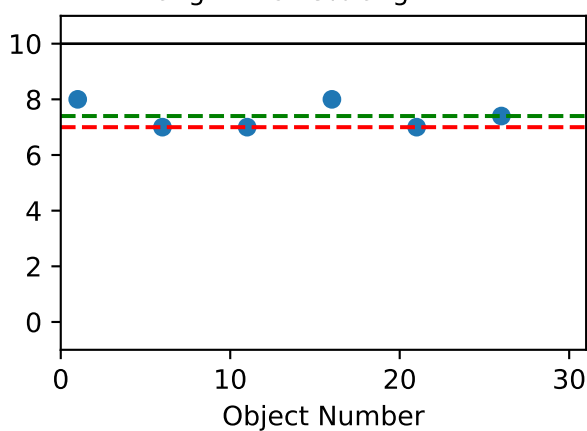
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

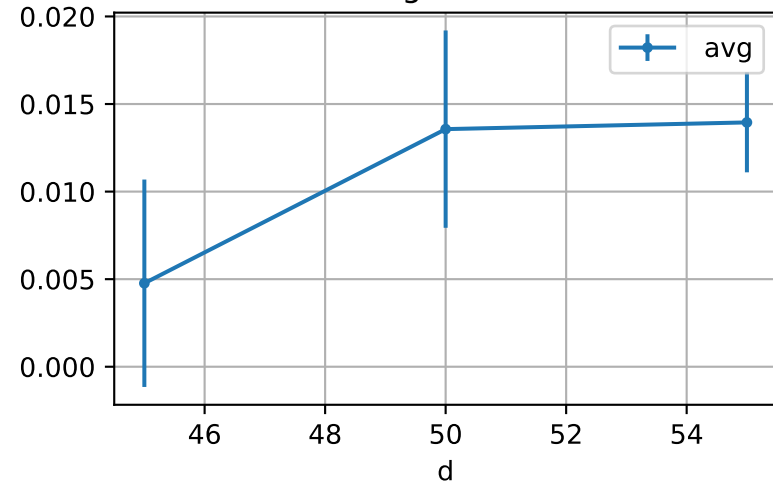


NNgen (Def=10 Set=7)
avg1=7.0~8% avg2=7.4

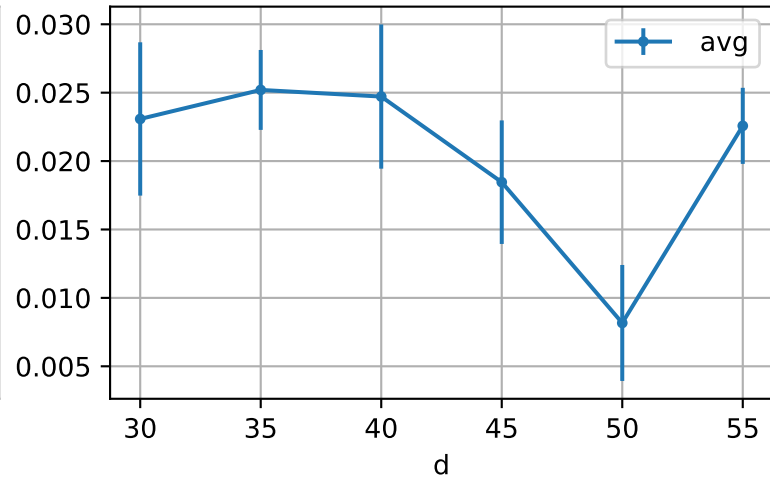


LfA: avg vs. d at each age group

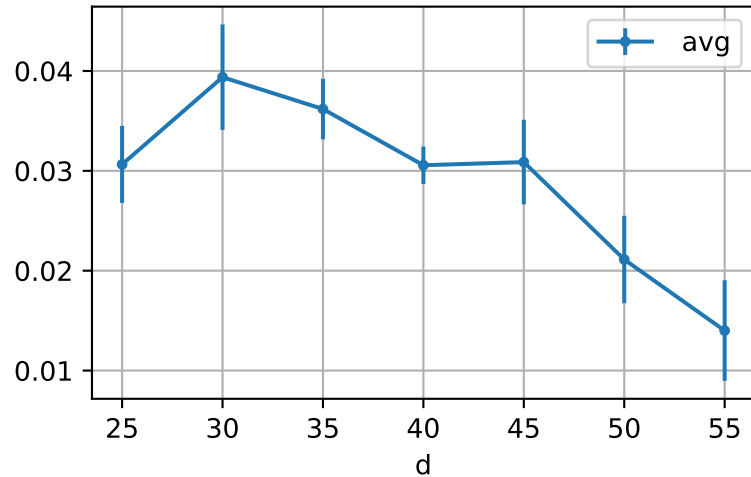
age=15



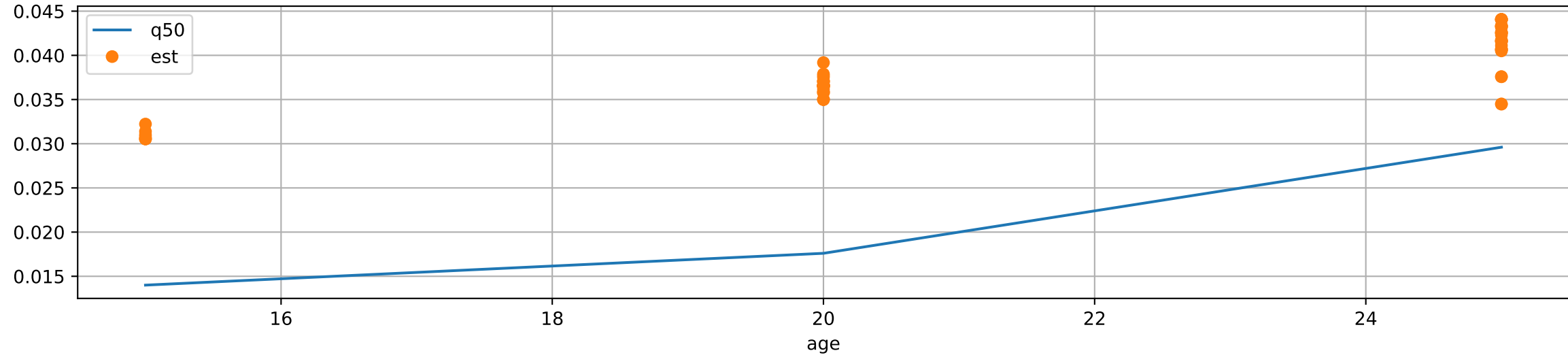
age=20



age=25



LfA: model est vs obsOv@Q50

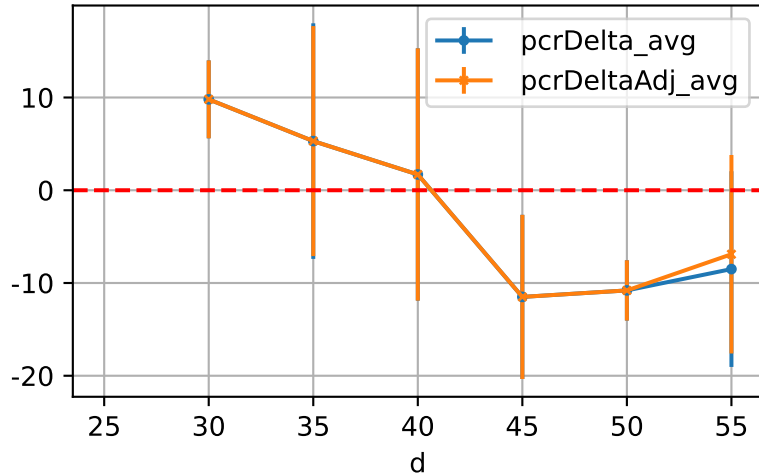
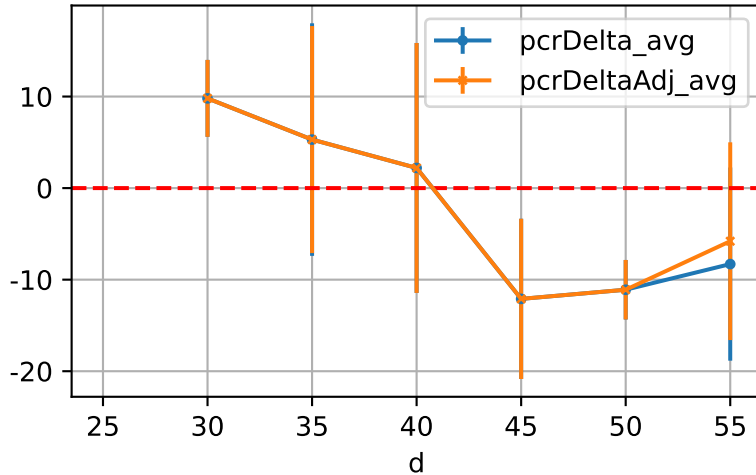
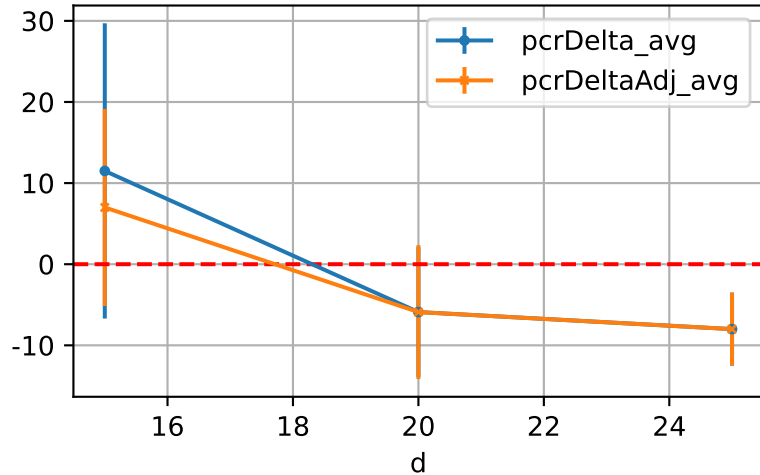


P3-2 LfA: D_5d_LfA

DeltaTypeAbbr=GrpByAge

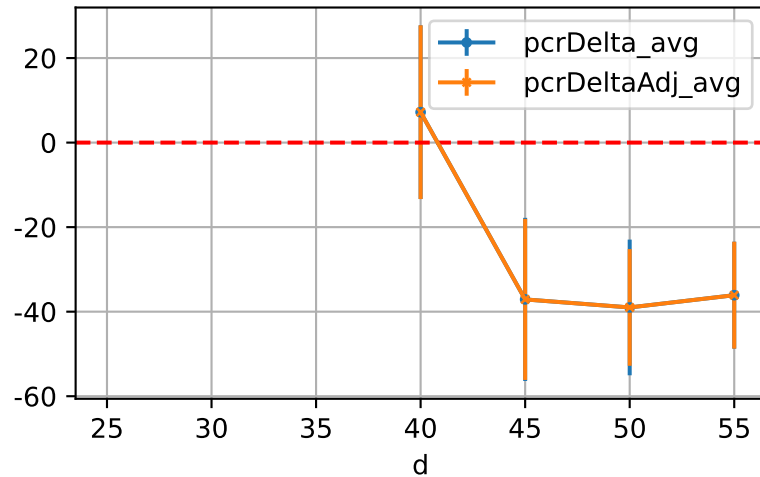
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

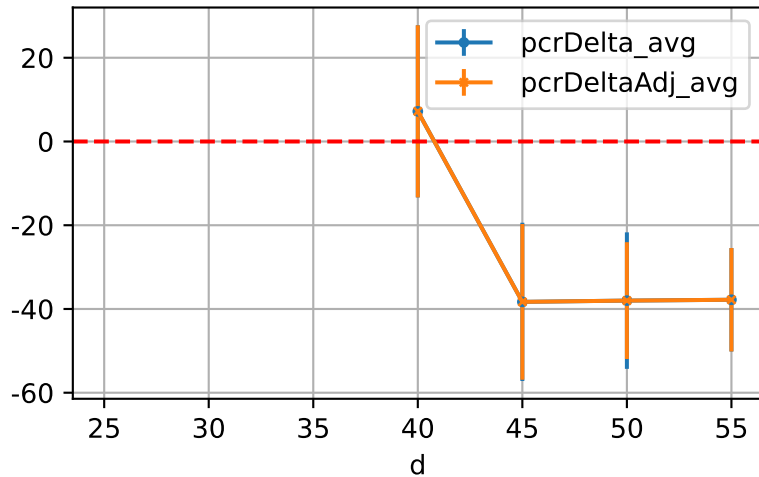


P3-2 LfA: D_15d_LfA

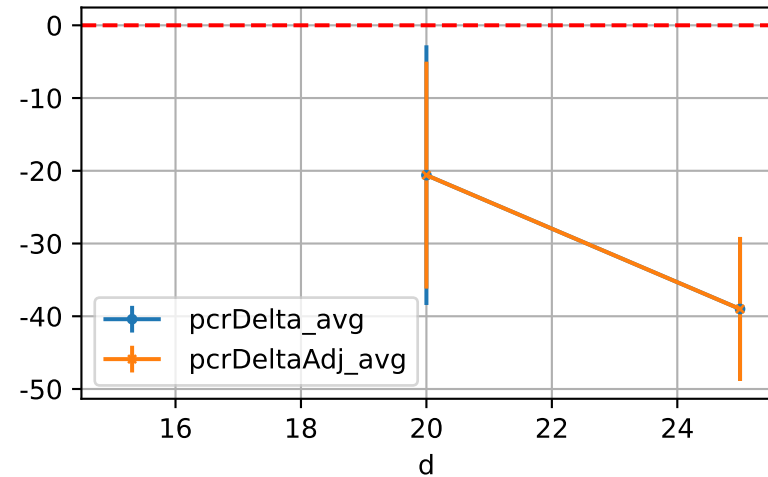
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

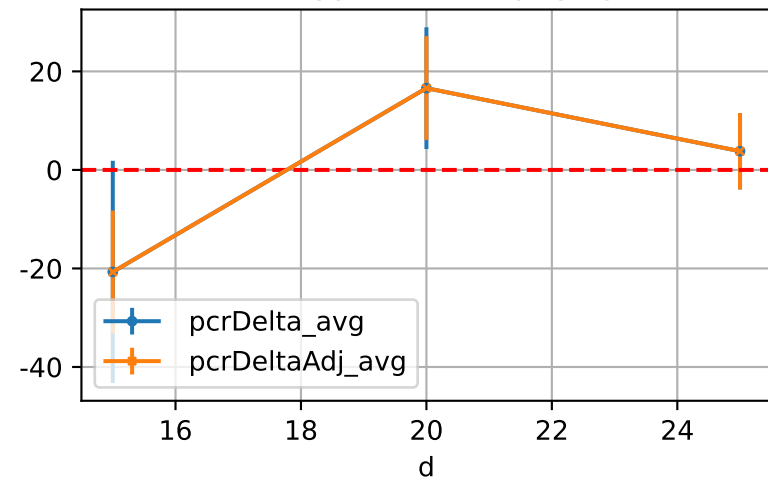


DeltaTypeAbbr=GrpByAge

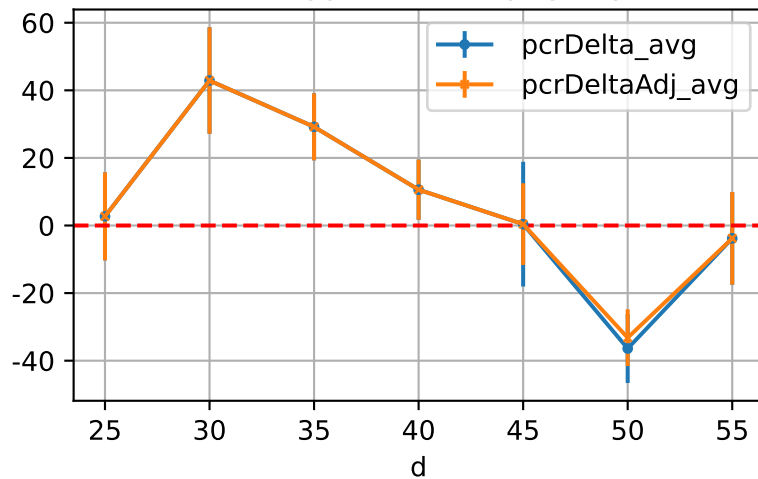


P3-2 LfA: D_Q50_LfA

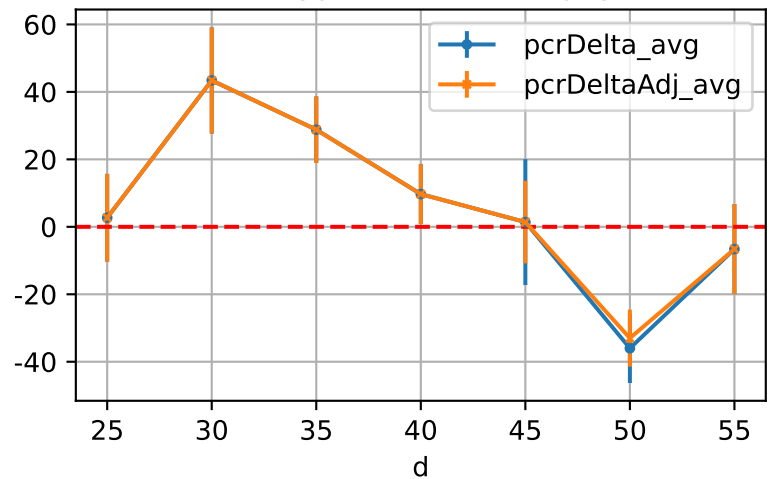
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

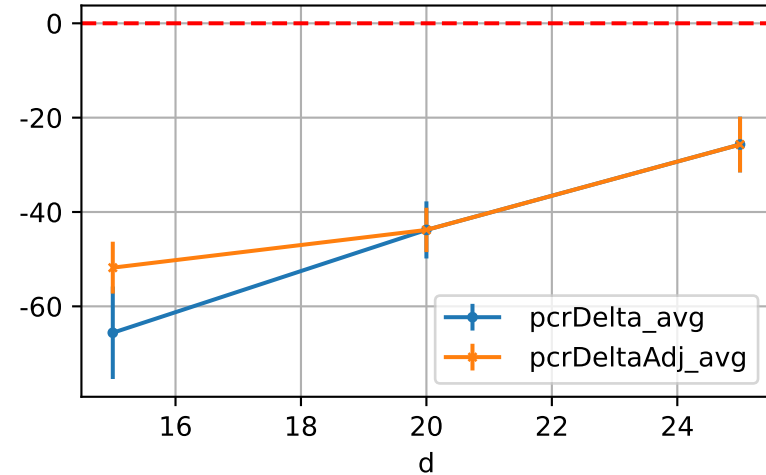


DeltaTypeAbbr=WeiAvgByD

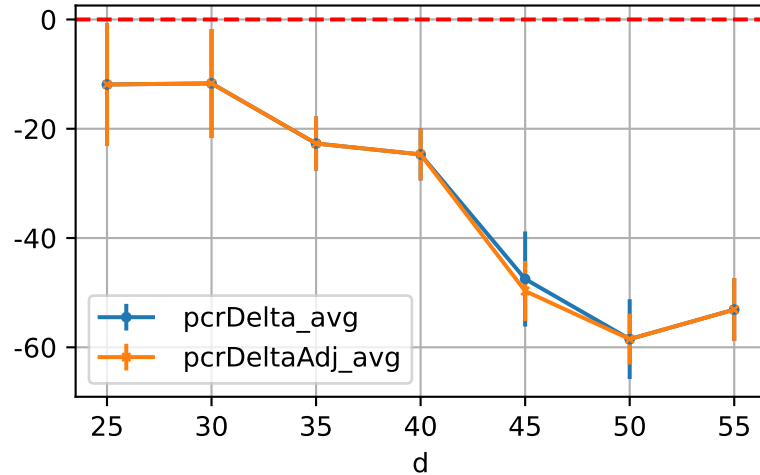


P3-2 LfA: D_Est_LfA

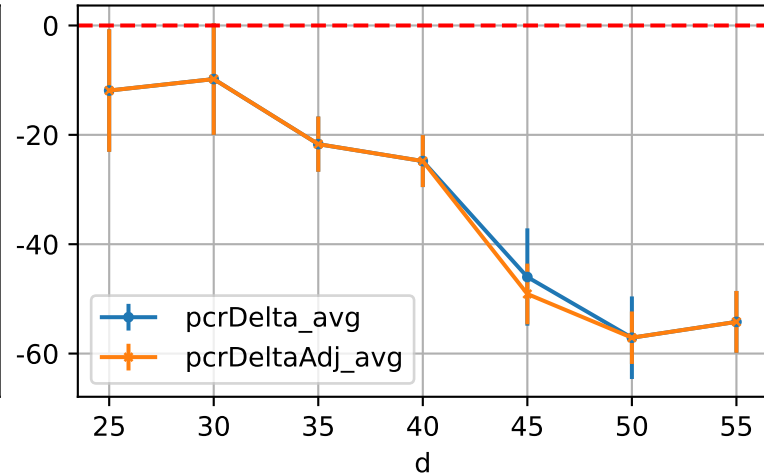
DeltaTypeAbbr=GrpByAge



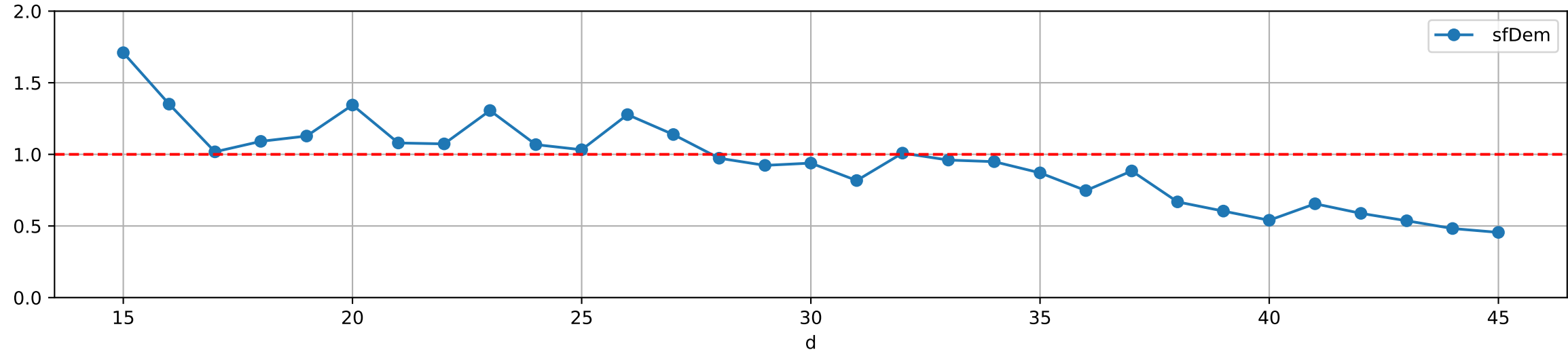
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD



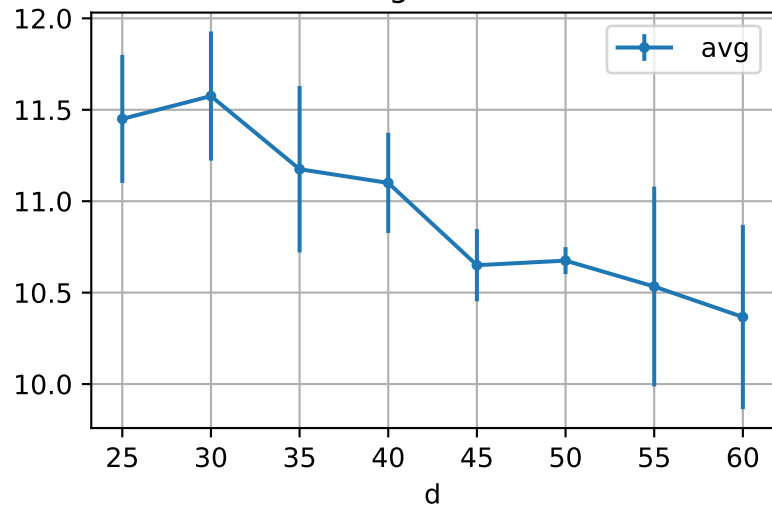
LfA: sfDem



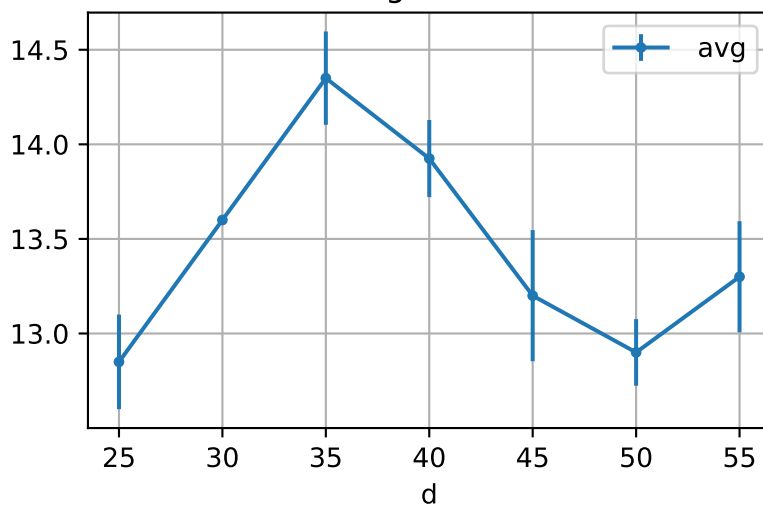


NdD: avg vs. d at each age group

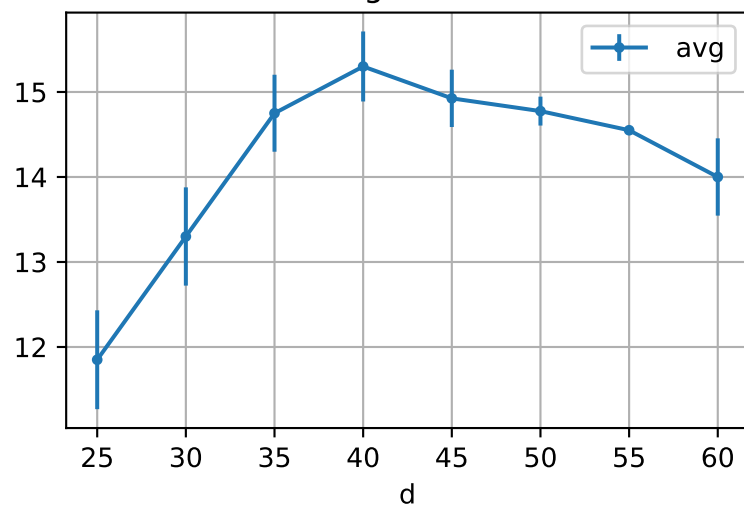
age=15



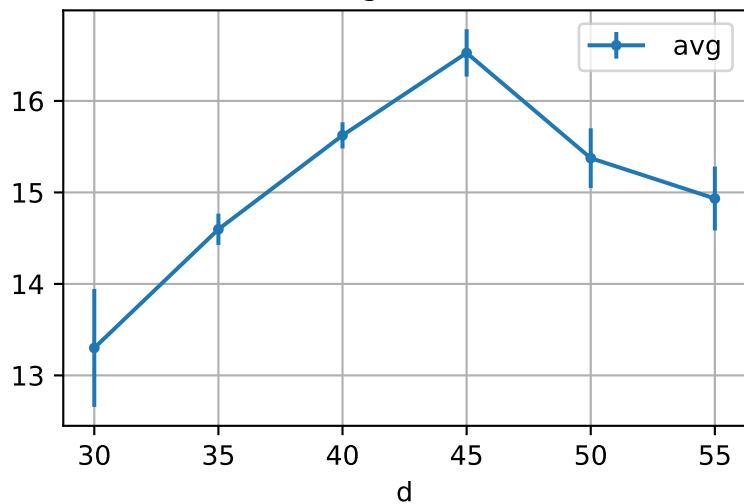
age=20



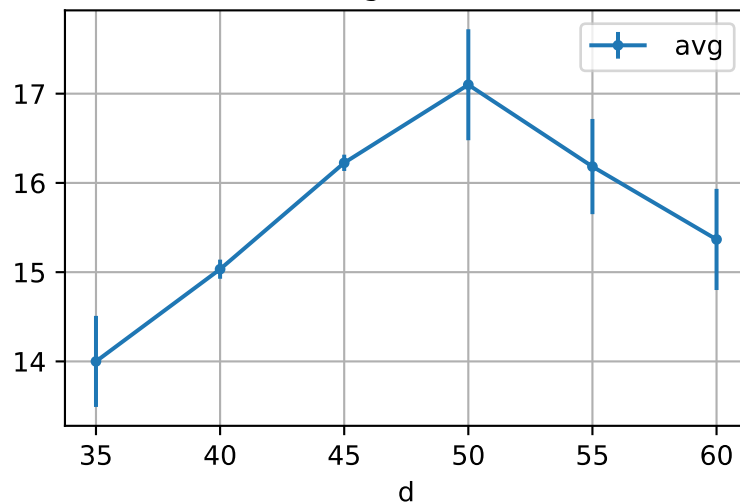
age=25



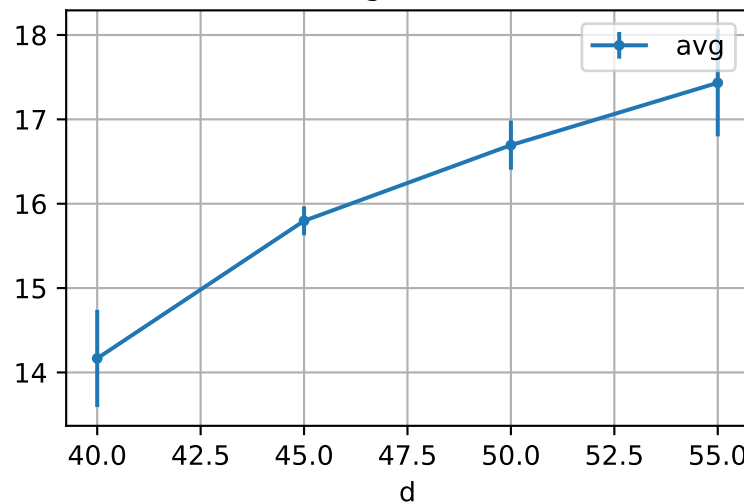
age=30



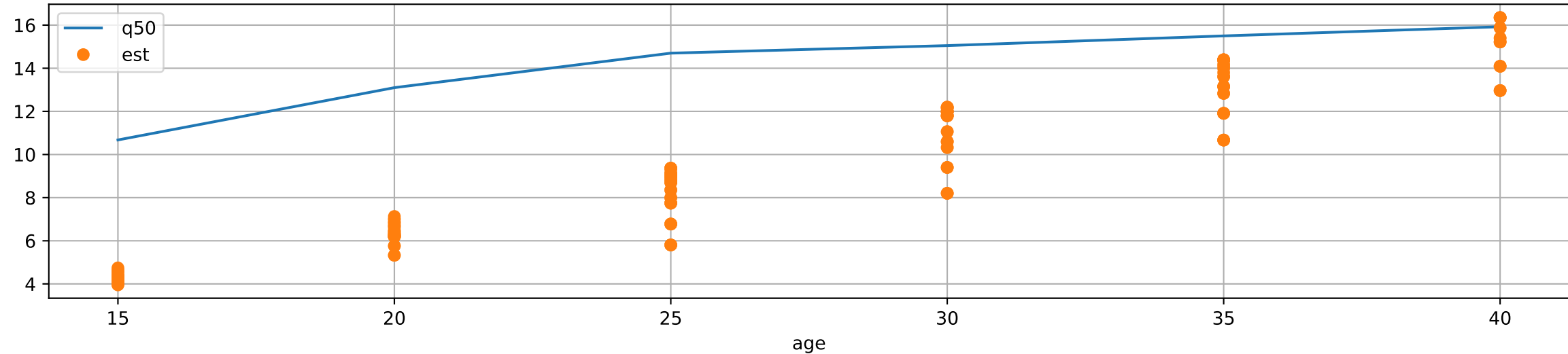
age=35



age=40

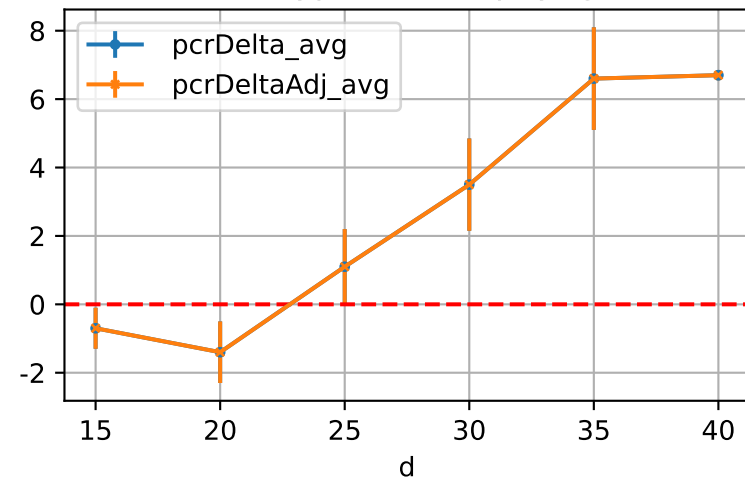


NdD: model est vs obsOv@Q50

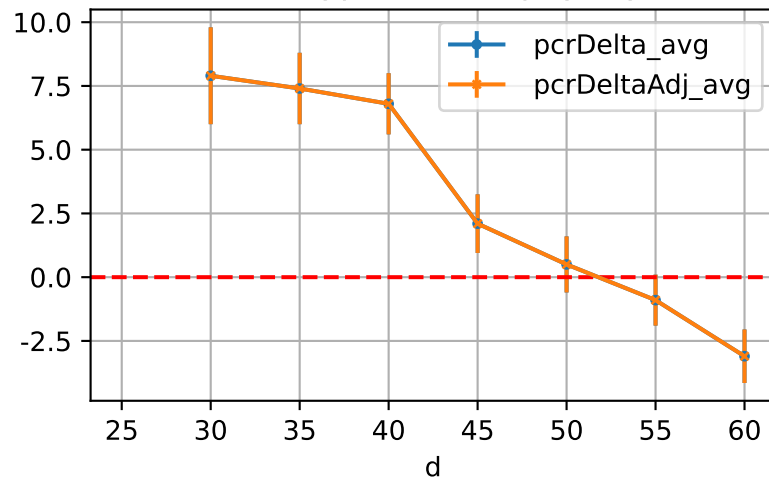


P3-2 NdD: D_5d_NdD

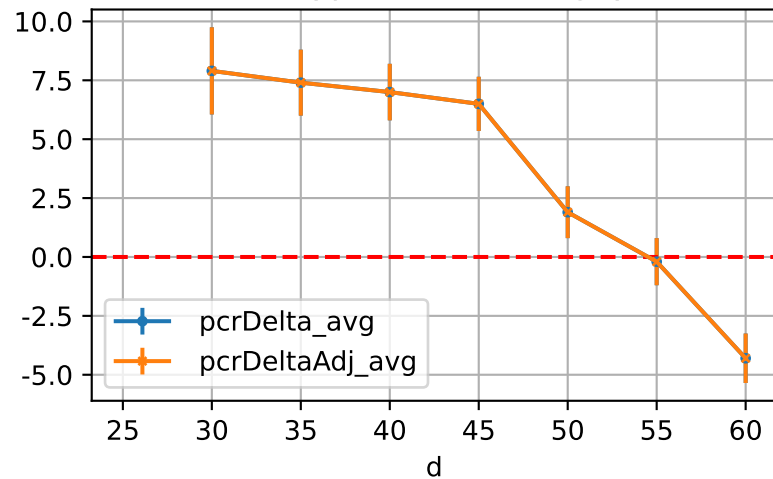
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

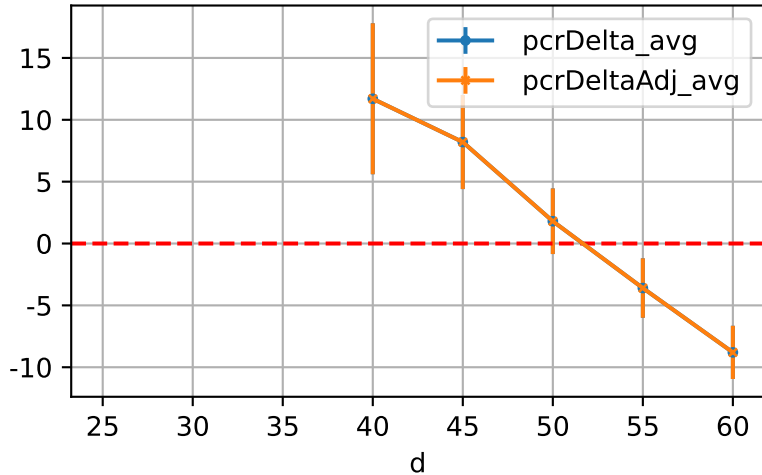


DeltaTypeAbbr=WeiAvgByD

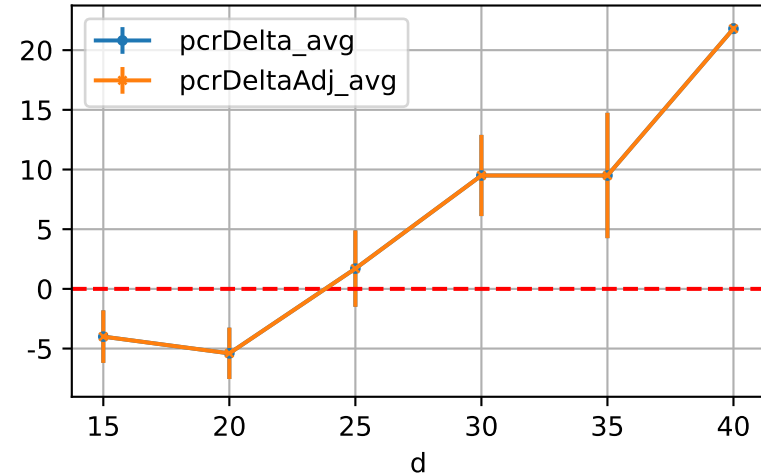


P3-2 NdD: D_15d_NdD

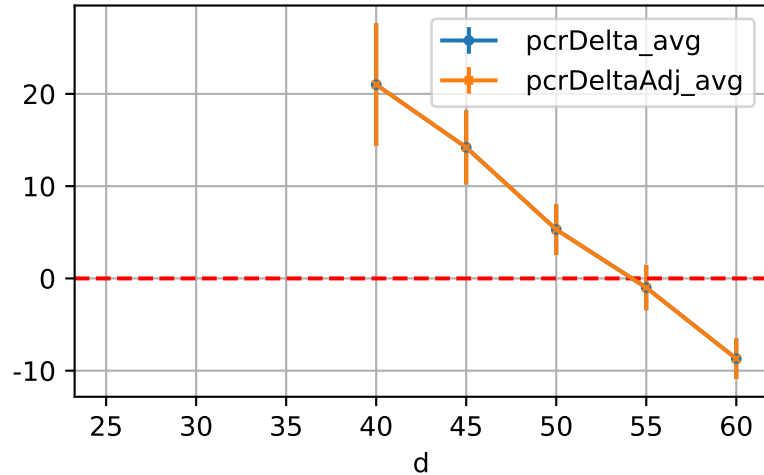
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=WeiAvgByD

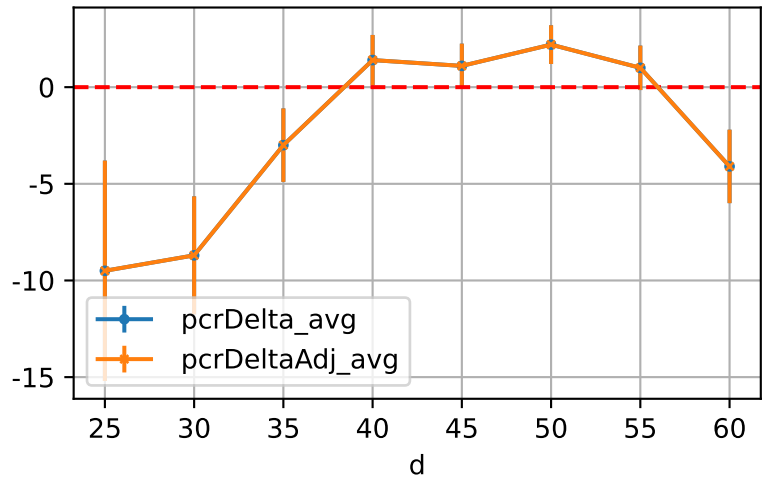
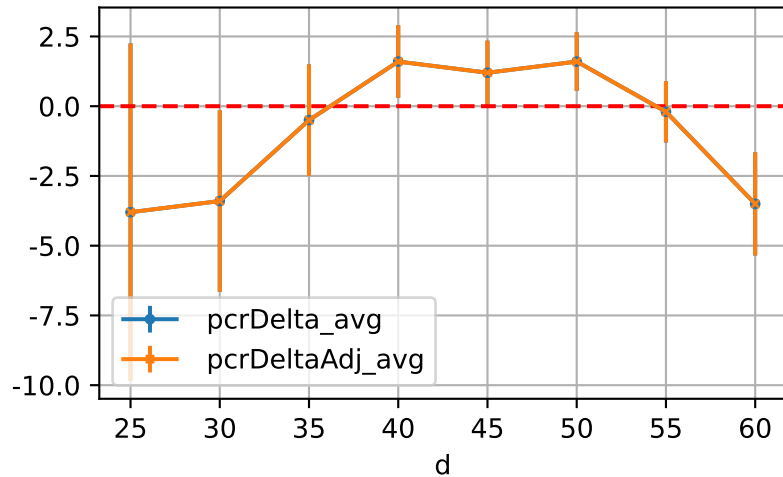
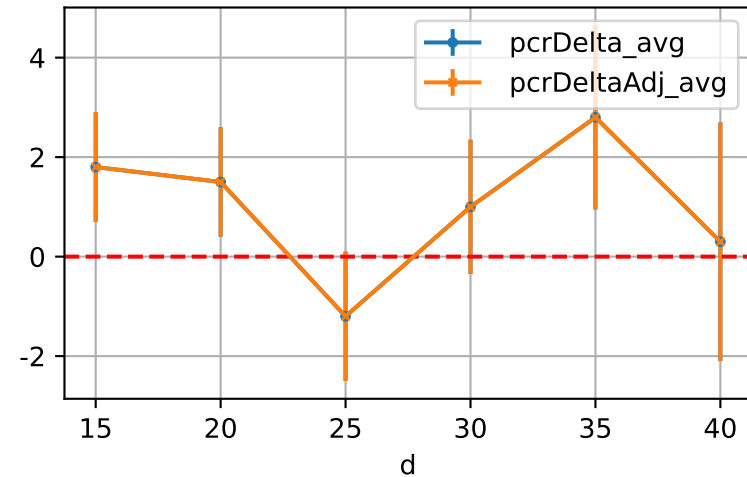


P3-2 NdD: D_Q50_NdD

DeltaTypeAbbr=GrpByAge

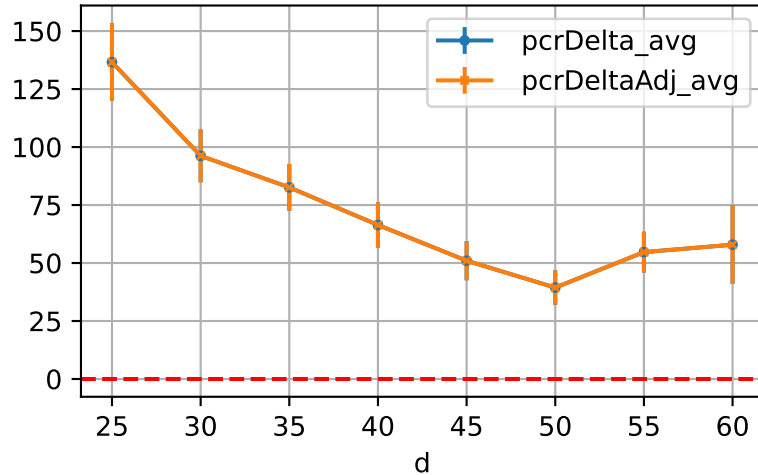
DeltaTypeAbbr=GrpByDay

DeltaTypeAbbr=WeiAvgByD

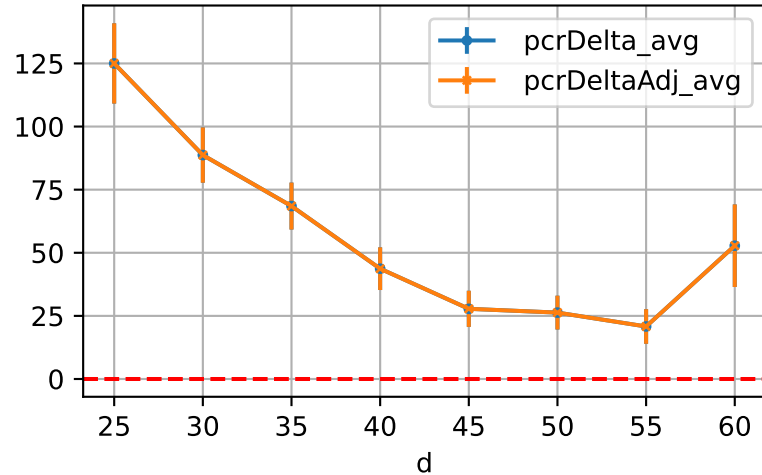


P3-2 NdD: D_Est_NdD

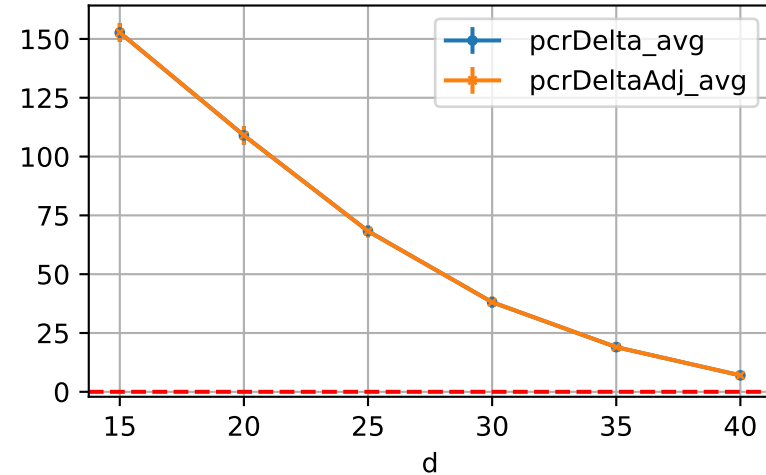
DeltaTypeAbbr=GrpByDay



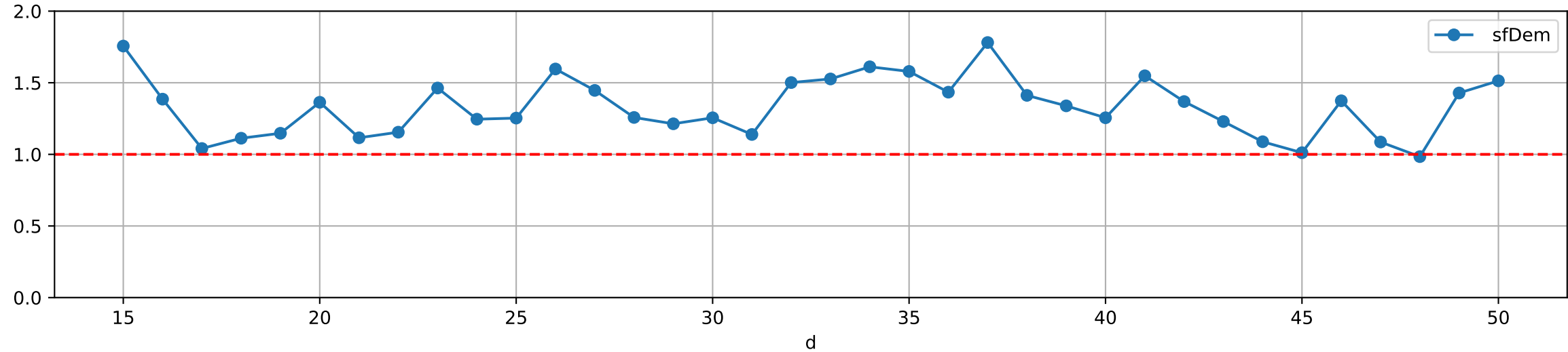
DeltaTypeAbbr=WeiAvgByD



DeltaTypeAbbr=GrpByAge

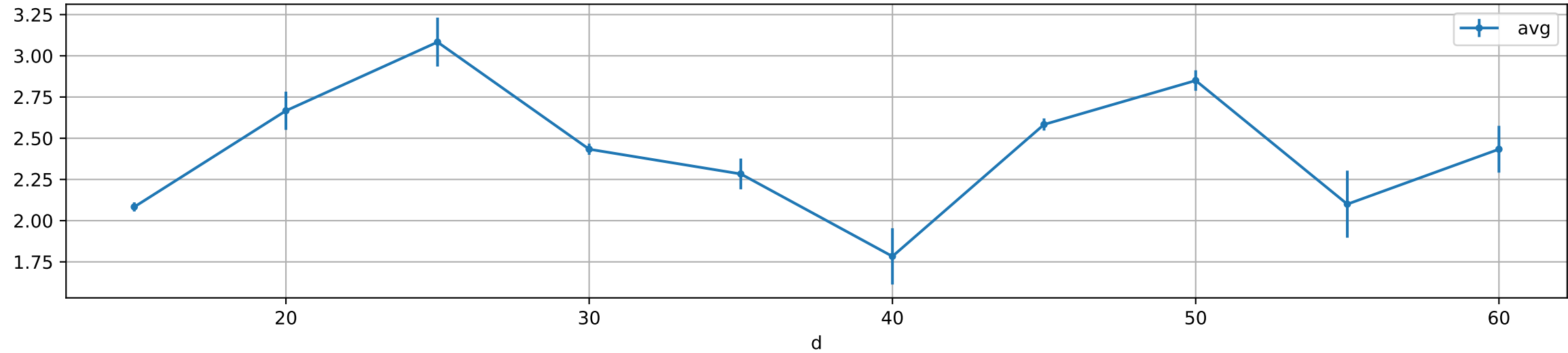


NdD: sfDem

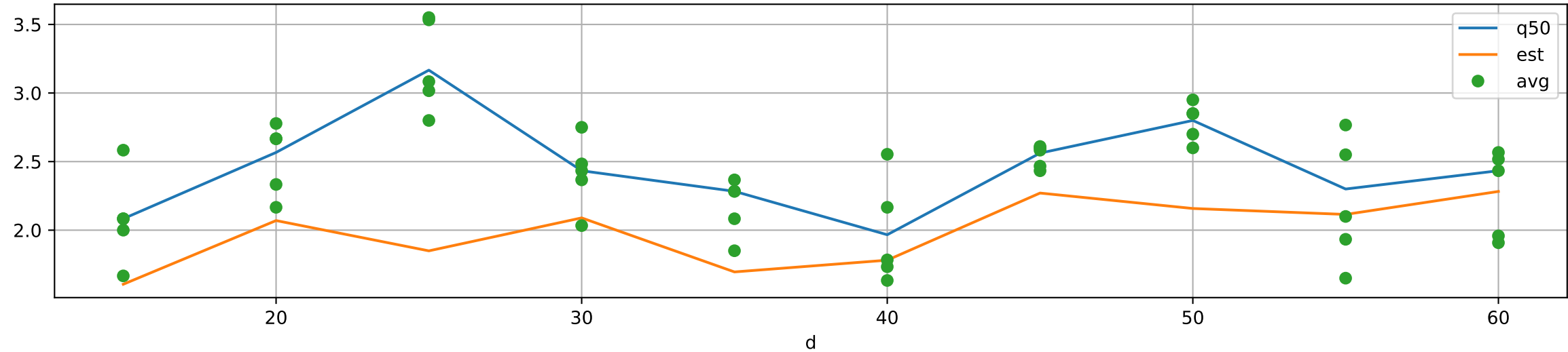




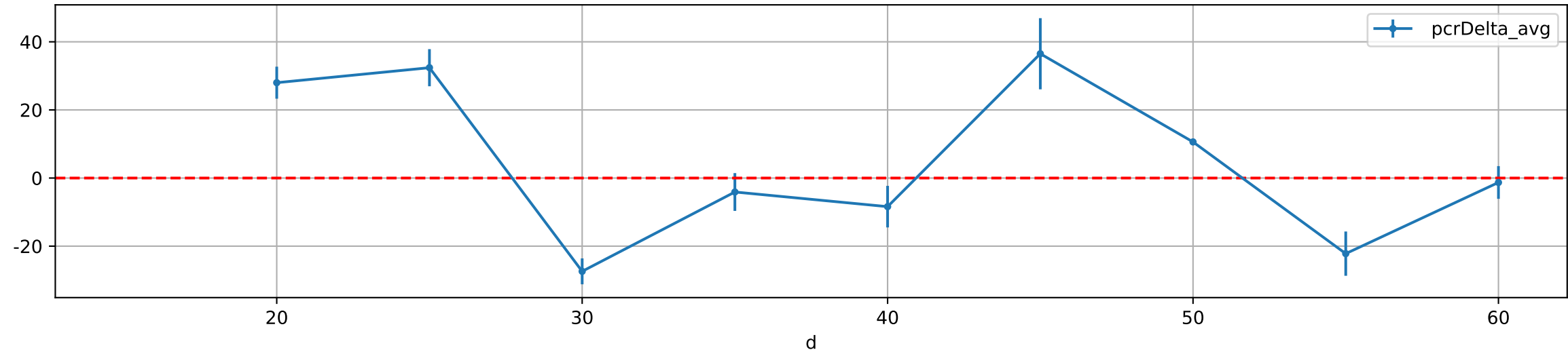
dStH: avg vs. d



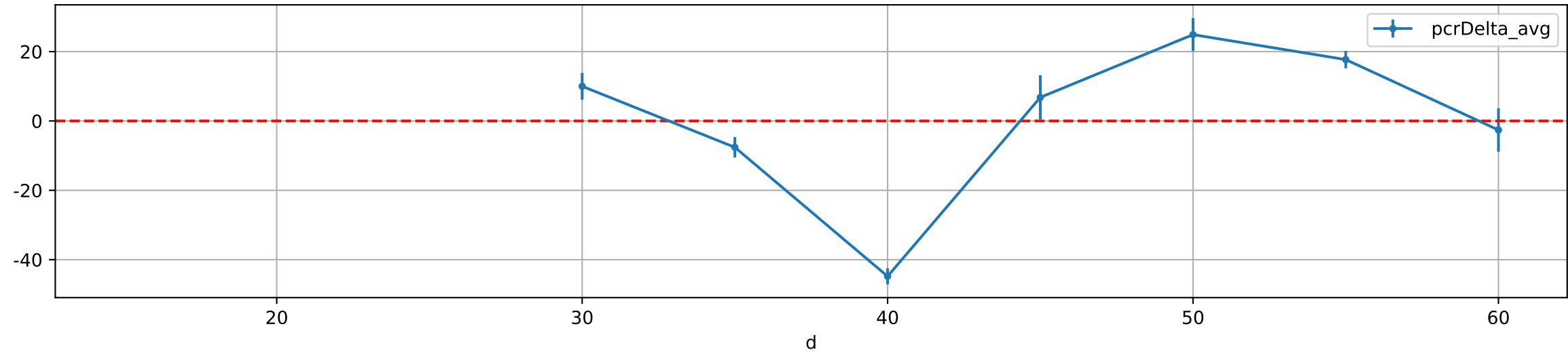
dStH: obsAvg vs obsOv@Q50



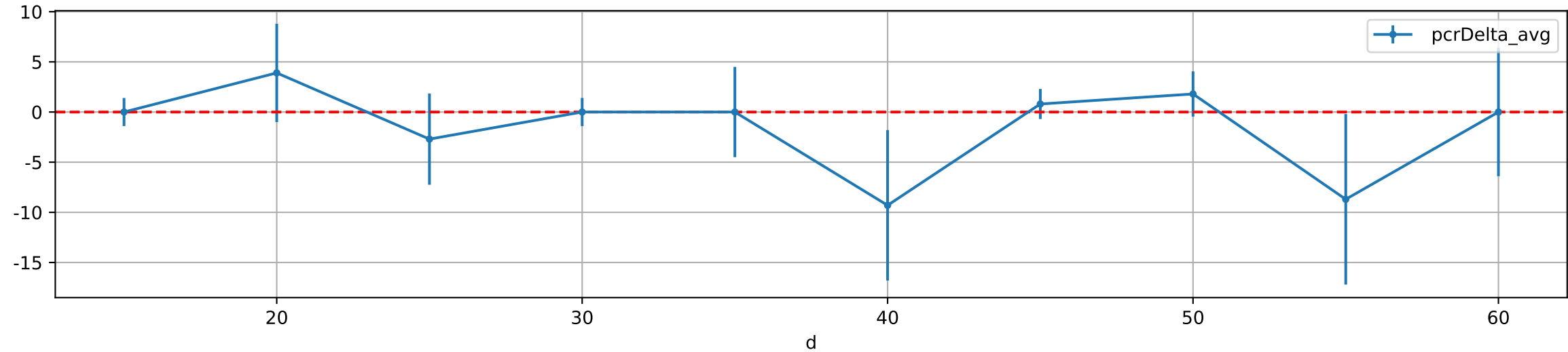
dStH: D_5d_StH



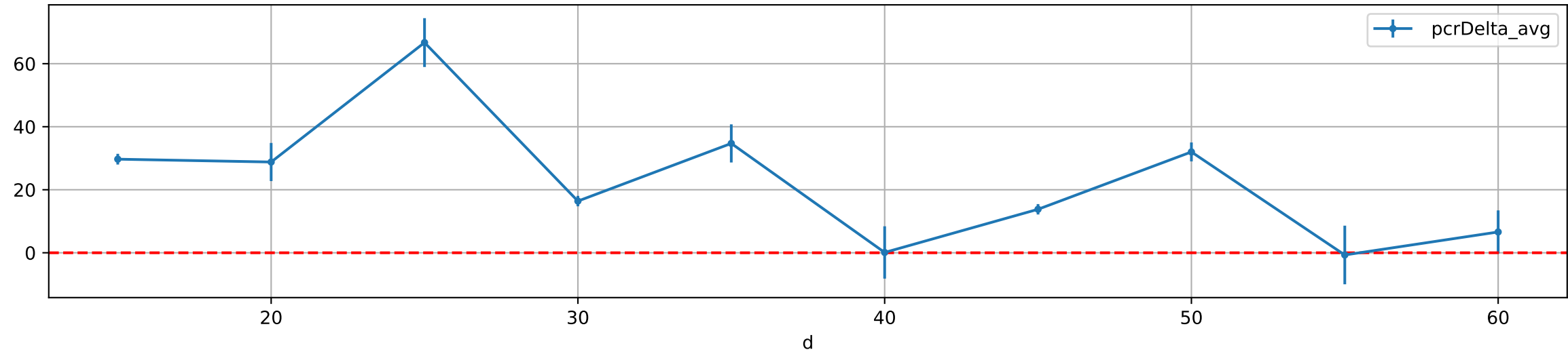
dStH: D_15d_StH



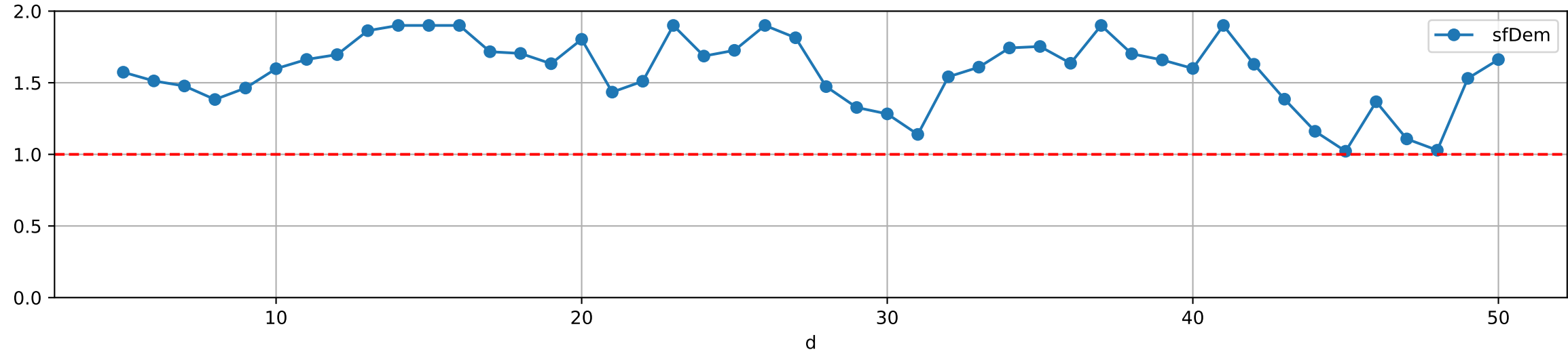
dStH: D_Q50_StH

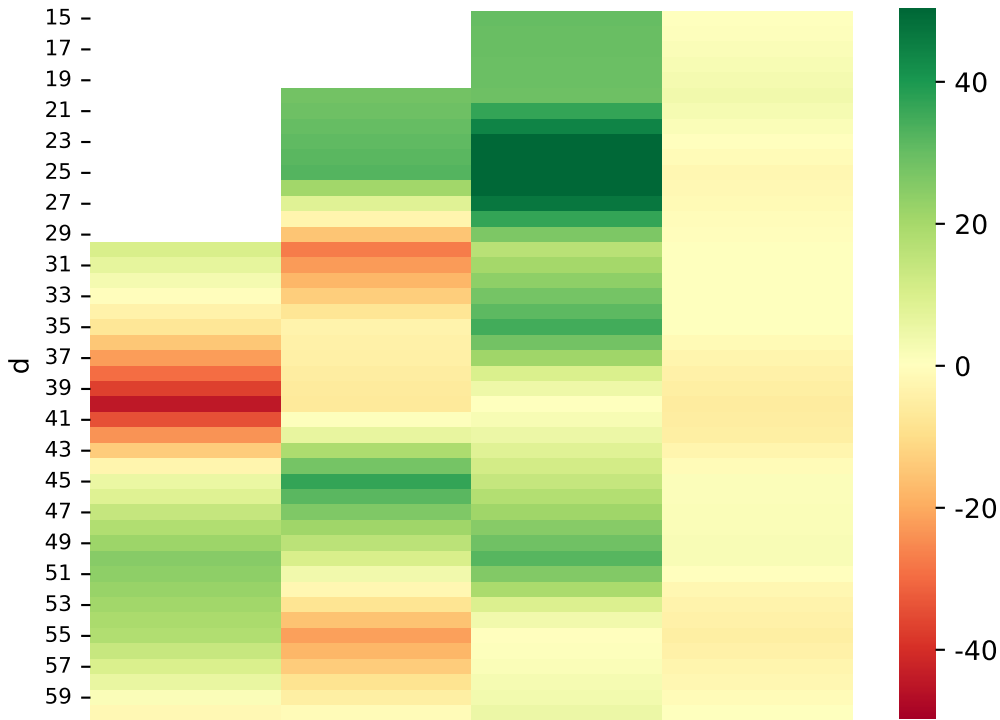


dStH: D_Est_StH



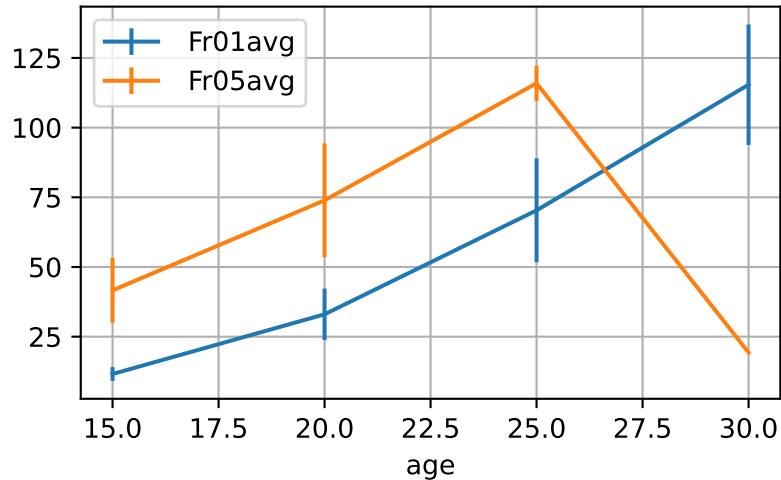
dStH: sfDem



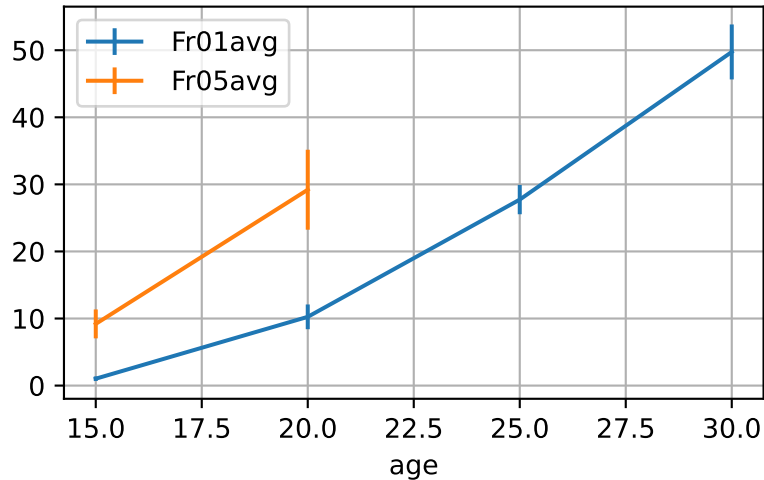


FrV: Fr01 vs Fr05 at each truss

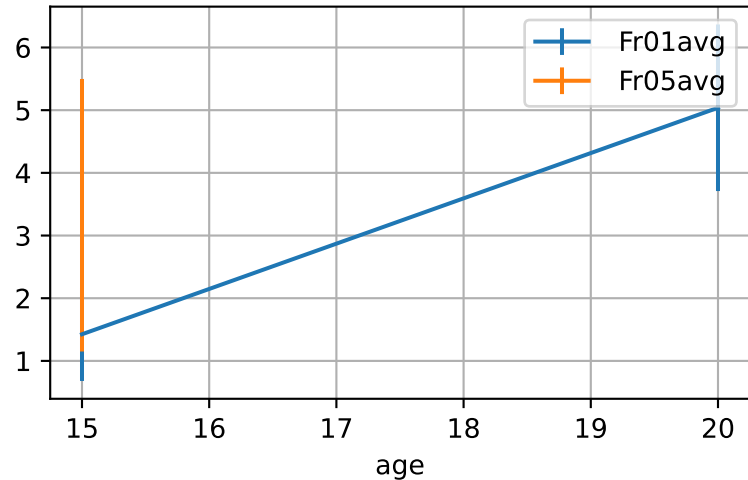
organID=T01



organID=T02

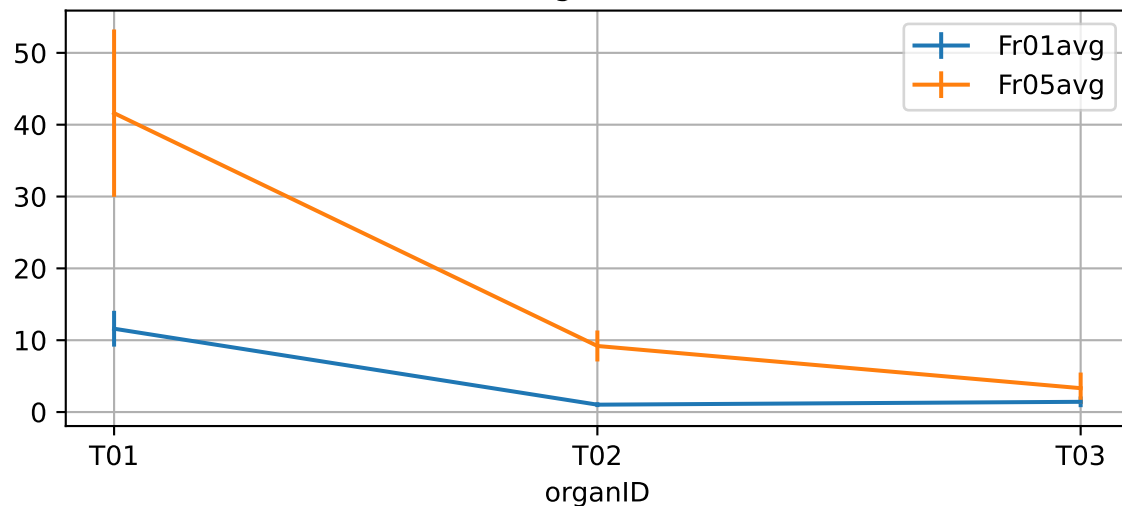


organID=T03

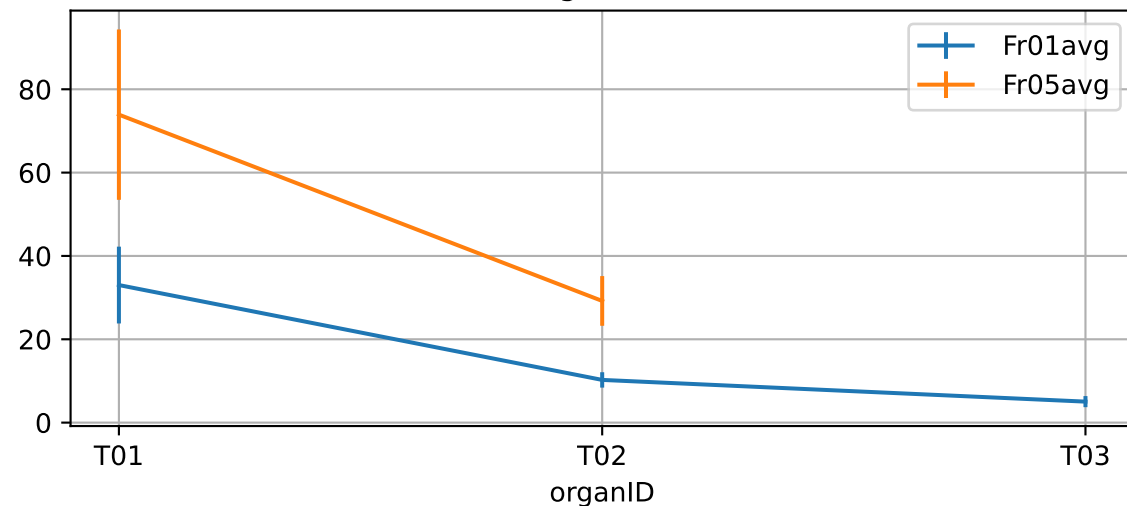


FrV trend at each age

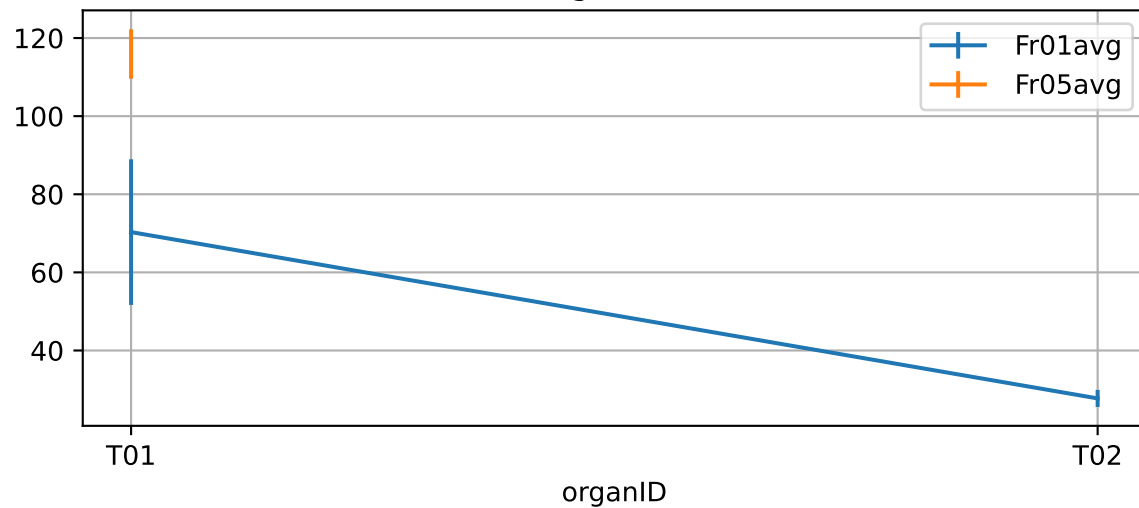
age=15



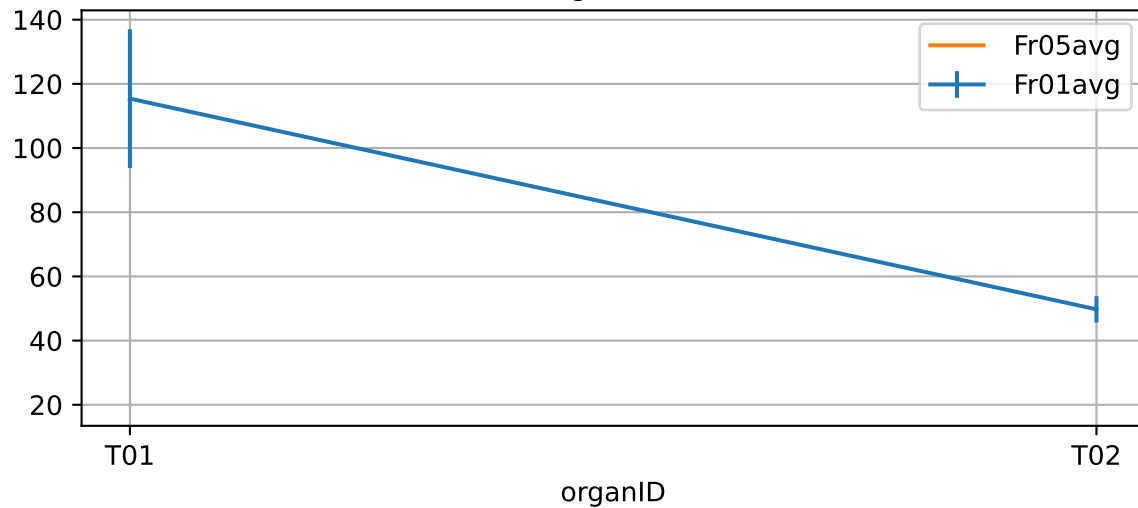
age=20



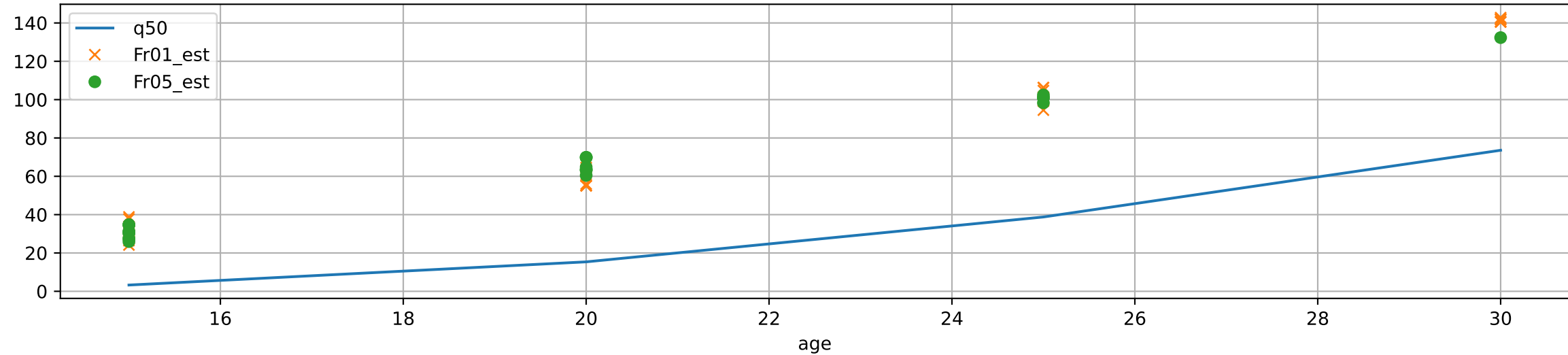
age=25



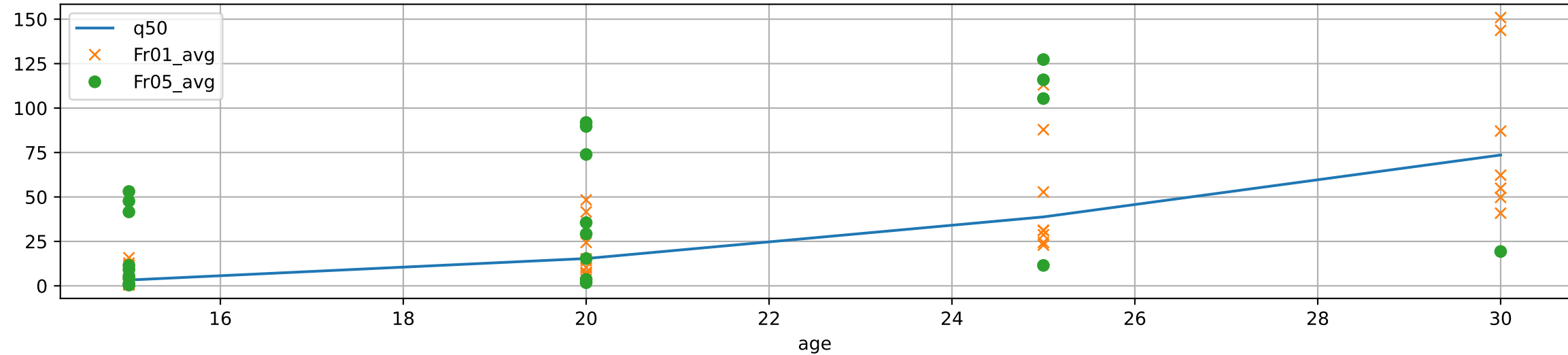
age=30



FrV: model Est vs obsFrV at Q90

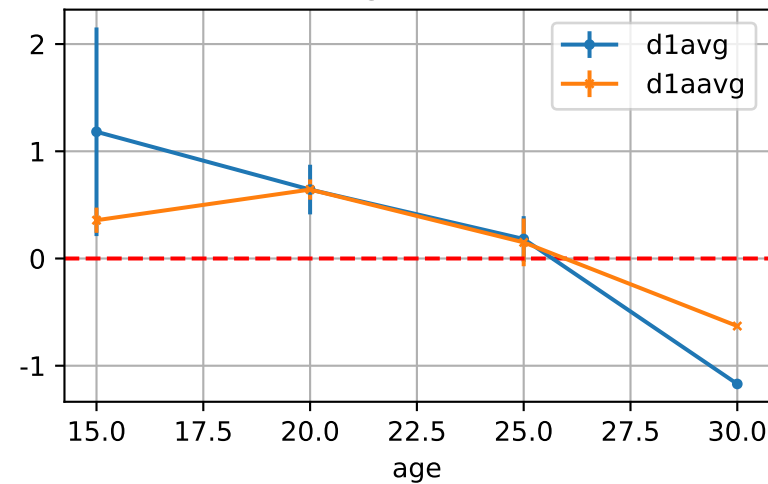


FrV: obsFrV vs obsFrV@Q90

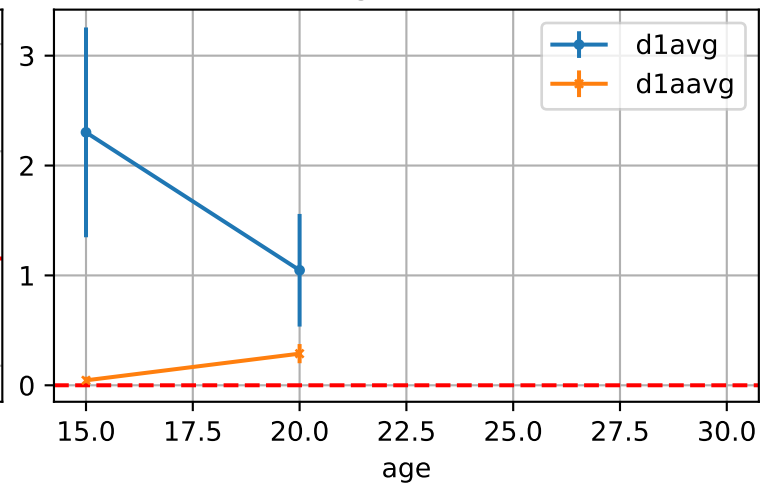


FrV: D_Fr1_FrV

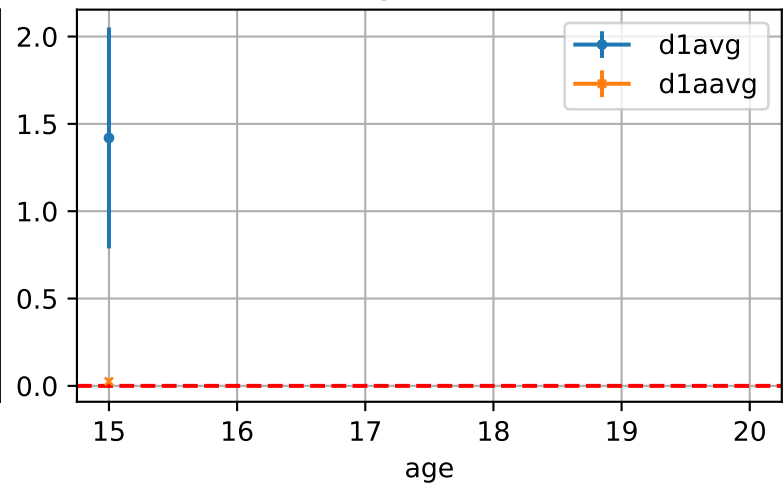
organID=1



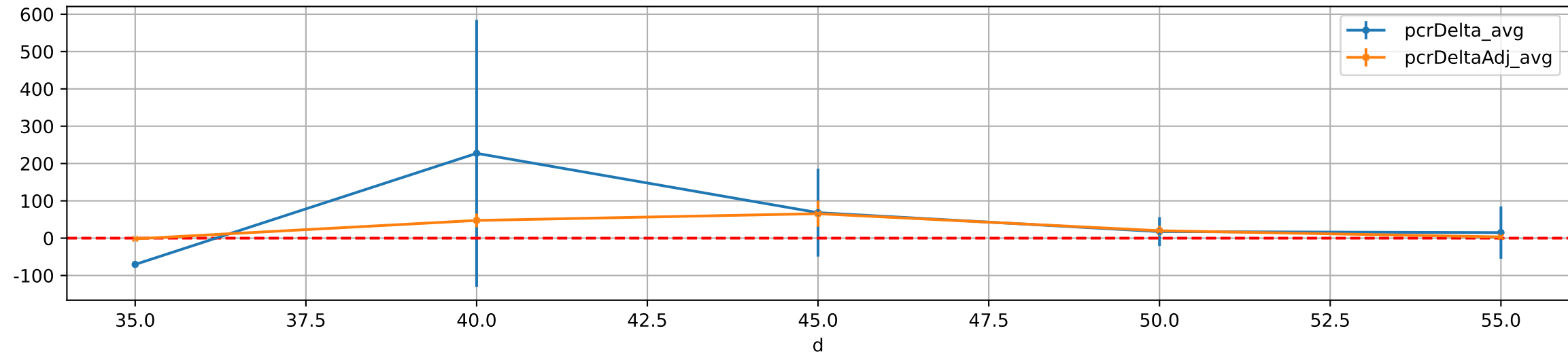
organID=2



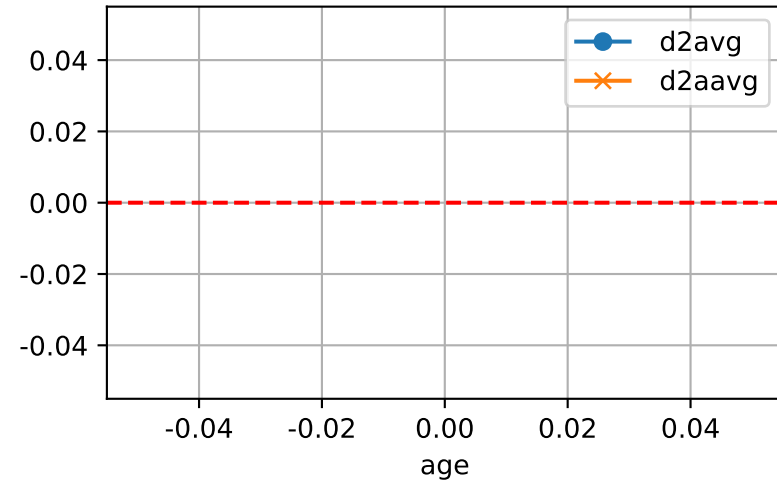
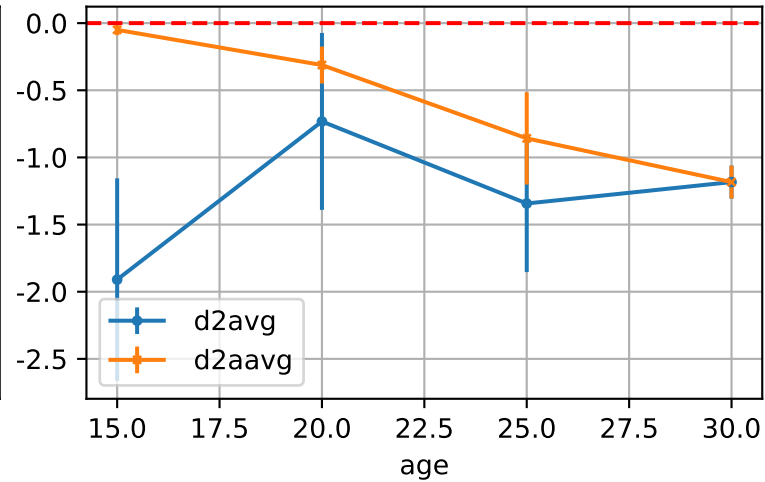
organID=3



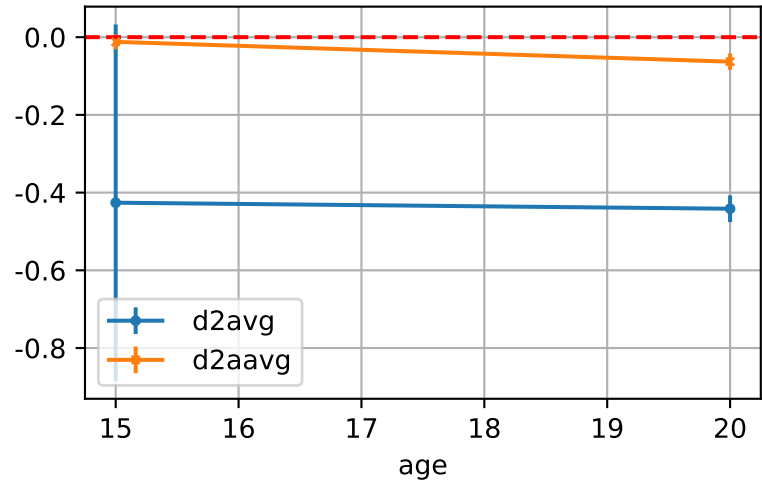
P3-2 FrV: D_Fr1_FrV



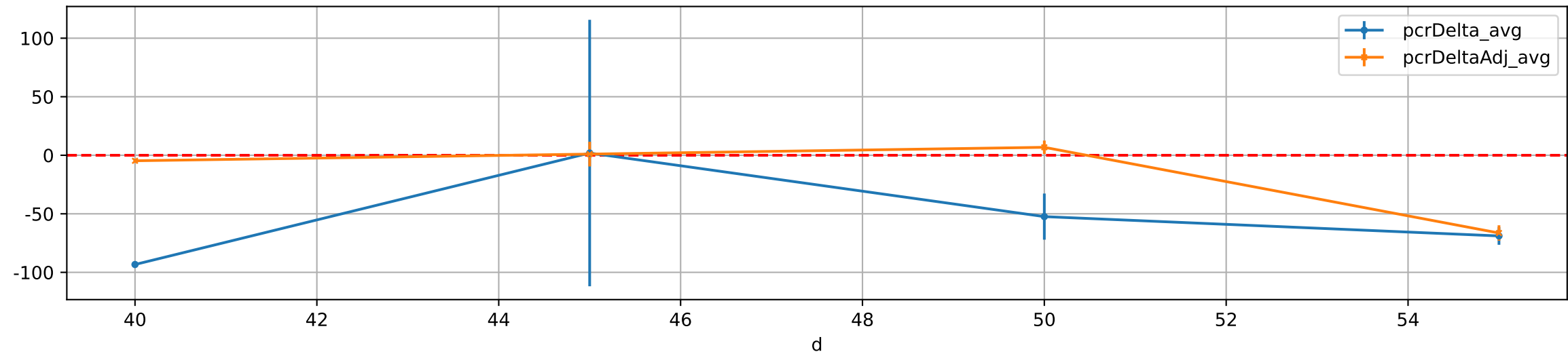
organID=1

FrV: D_Ts_FrV
organID=2

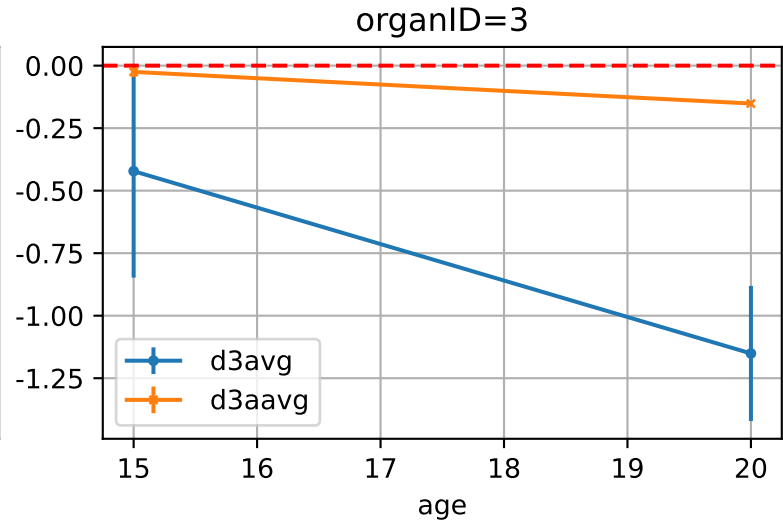
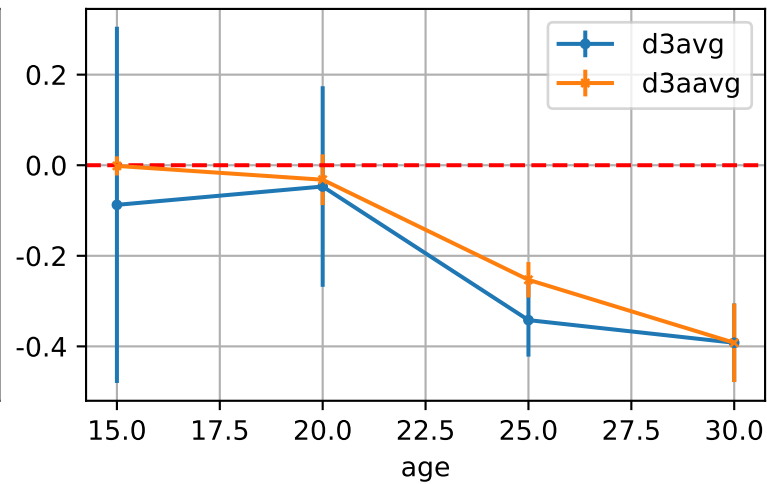
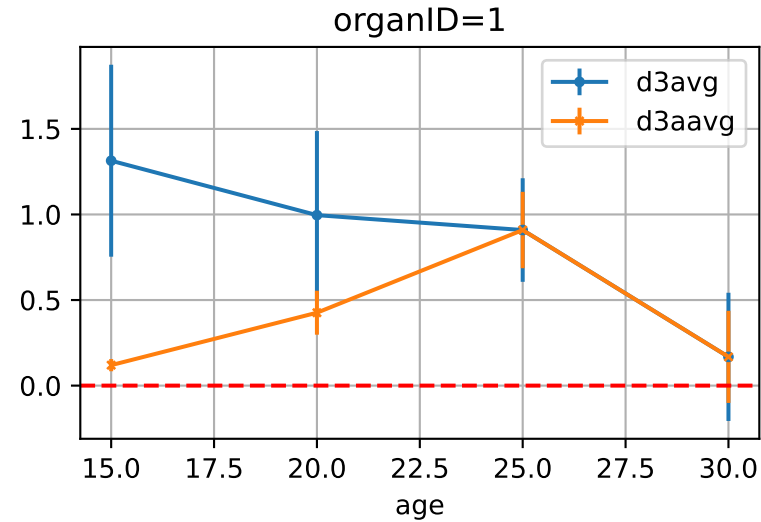
organID=3



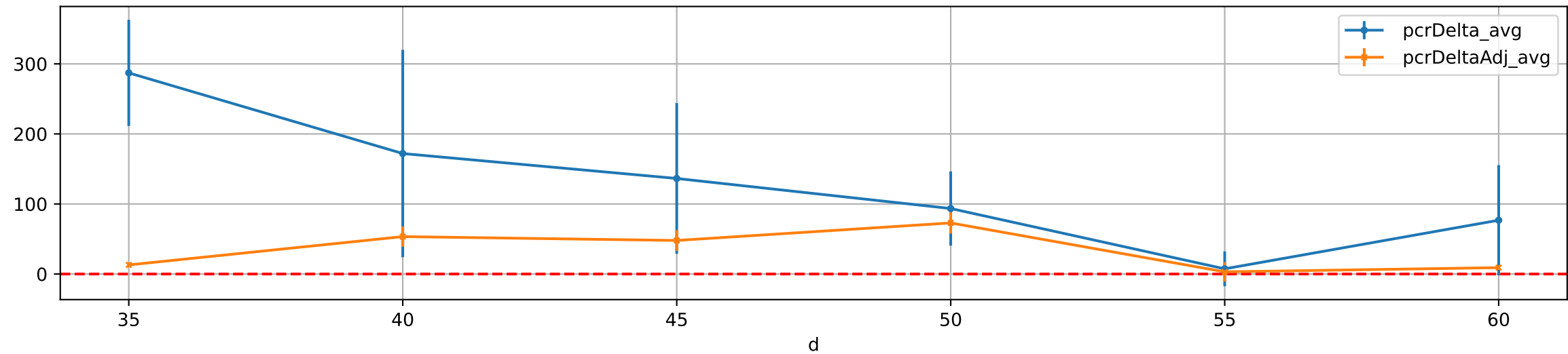
P3-2 FrV: D_Ts_FrV



FrV: D_Q50_FrV
organID=2

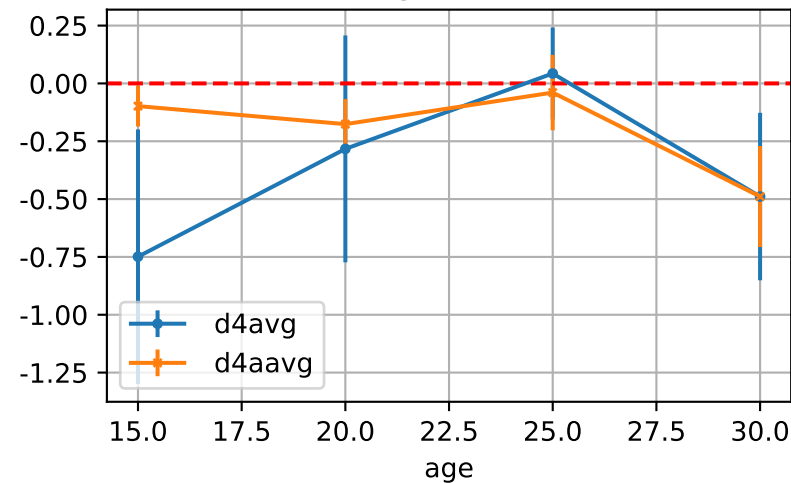


P3-2 FrV: D_Q50_FrV

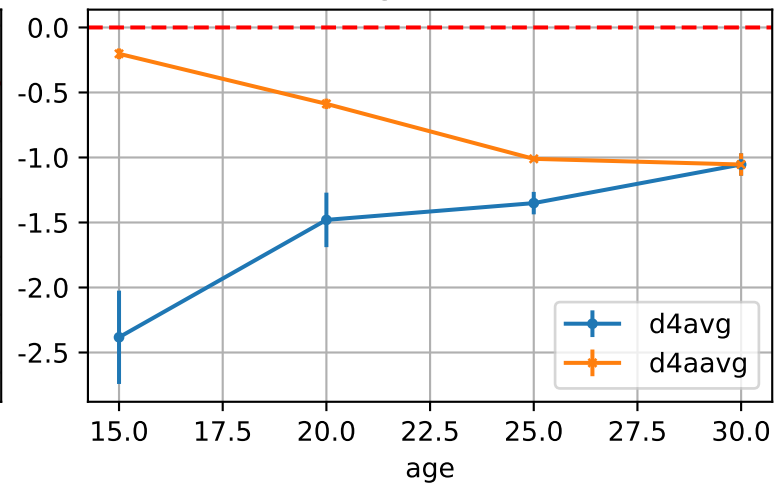


FrV: D_Est_FrV

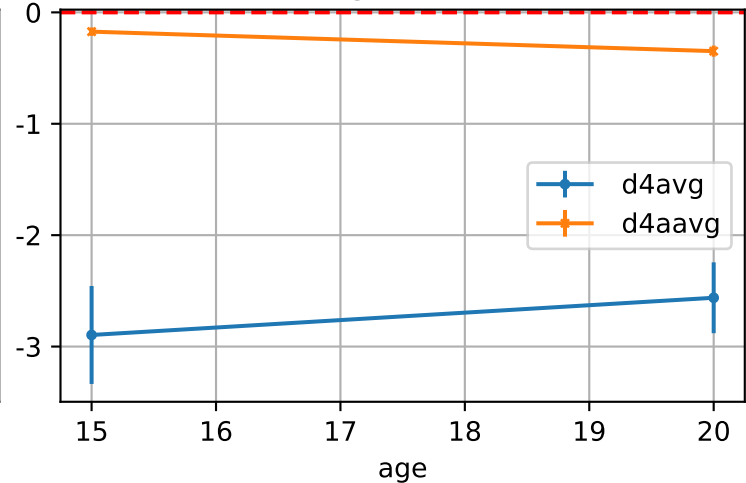
organID=1



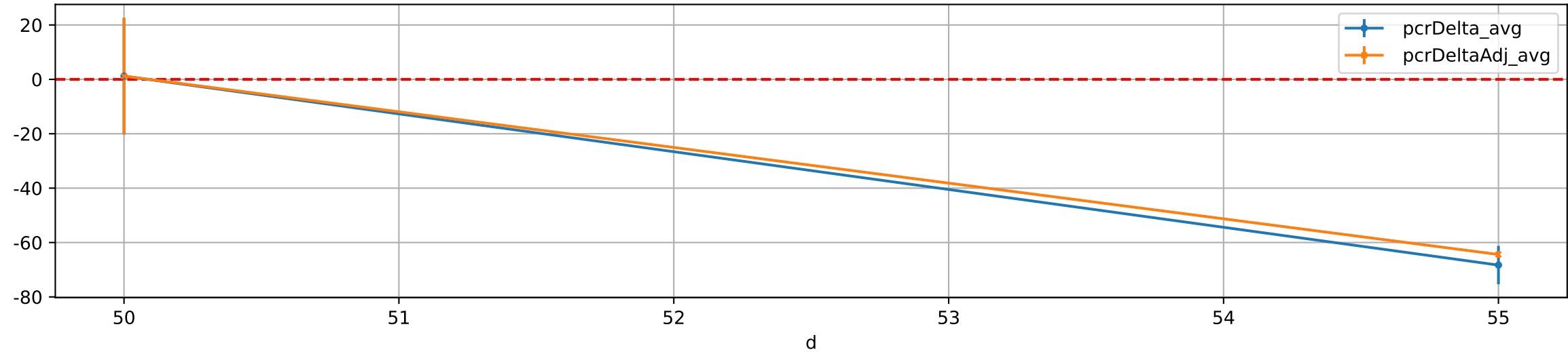
organID=2



organID=3



P3-2 FrV: D_Est_FrV



P3-2 FrV: sfDem

