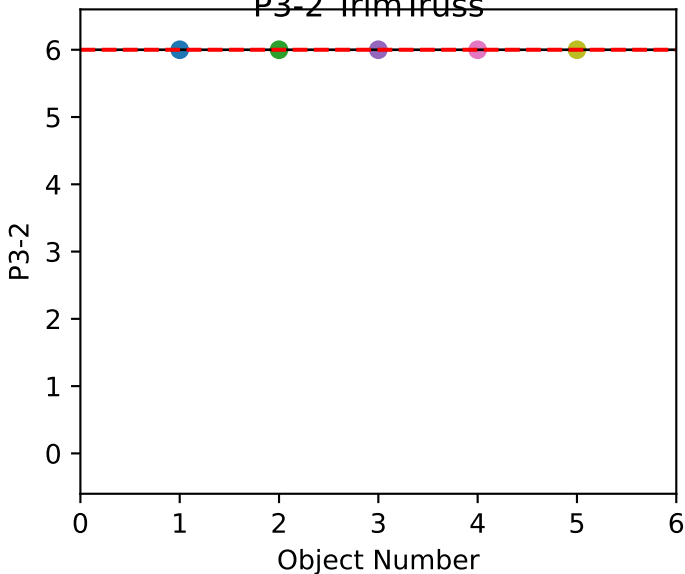


Phenotype Data Analysis Plots
PhenoData day range = 12 - 49
Analysis cutoff day = 49
NC11 P3-2
2025-05-18 (Day 50)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

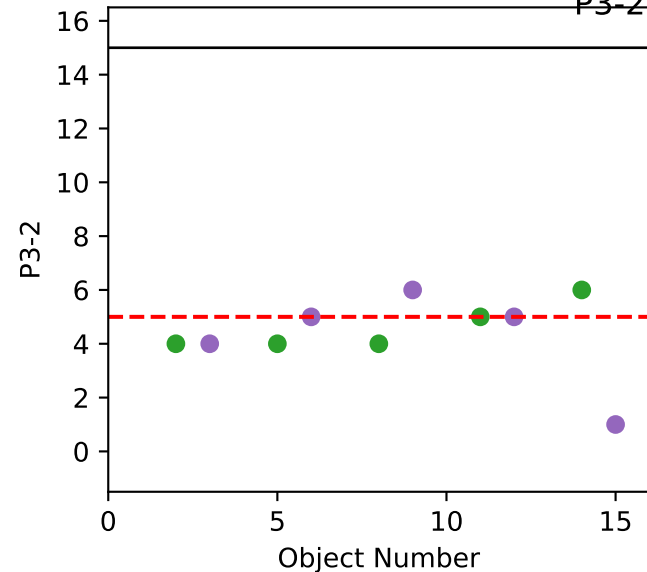
p3-2 TrimTruss



FruitNumAvgPerTruss (Def=15 Set=5)

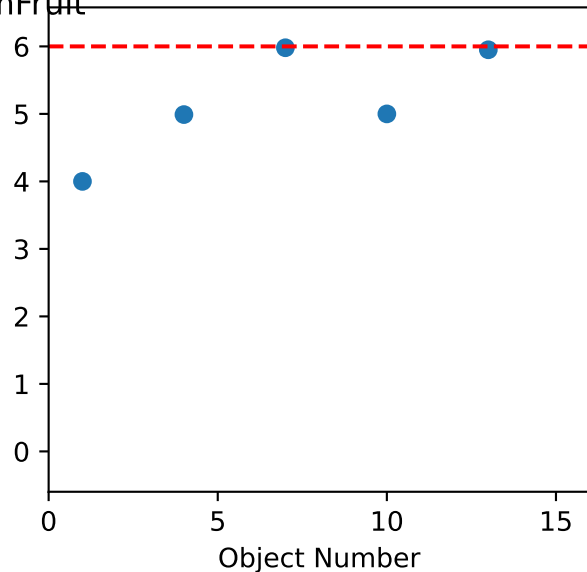
avg1=5.0~17% avg2=na

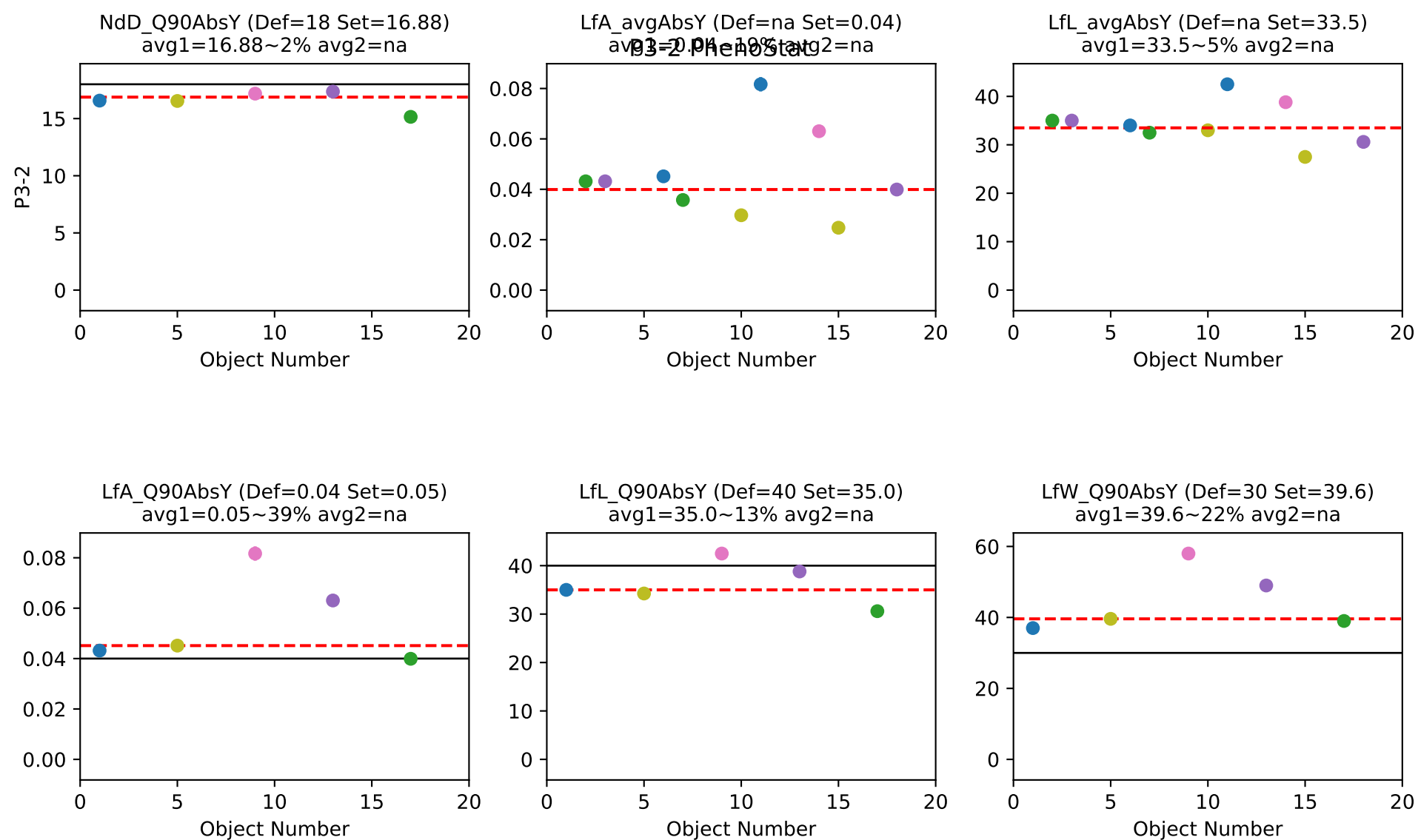
P3-2 TrimFruit



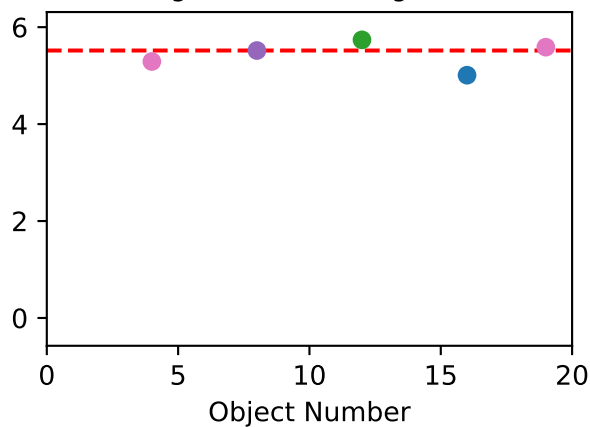
FruitNumMaxPerTruss (Def=na Set=6)

avg1=6.0~14% avg2=na

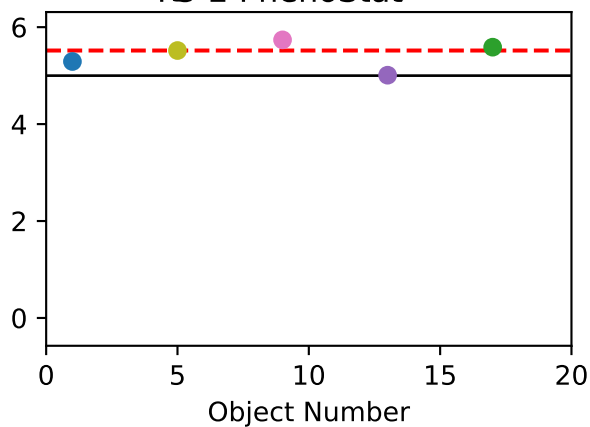




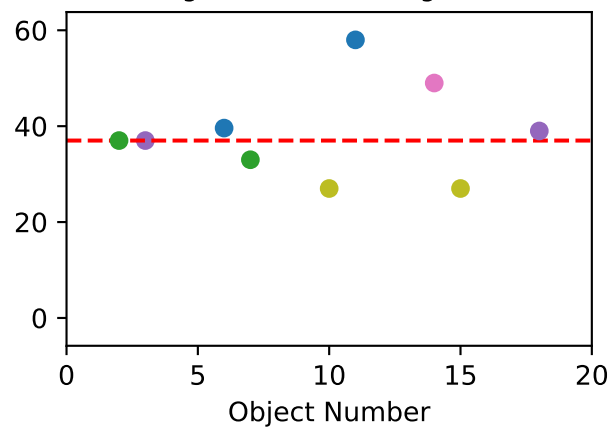
NdL_avgAbsY (Def=na Set=5.52)
avg1=5.52~5% avg2=na



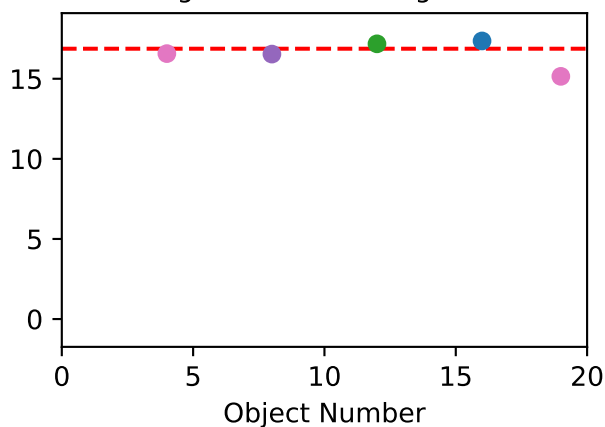
NdL_Q90AbsY (Def=5 Set=5.52)
avg1=5.52~5% avg2=na



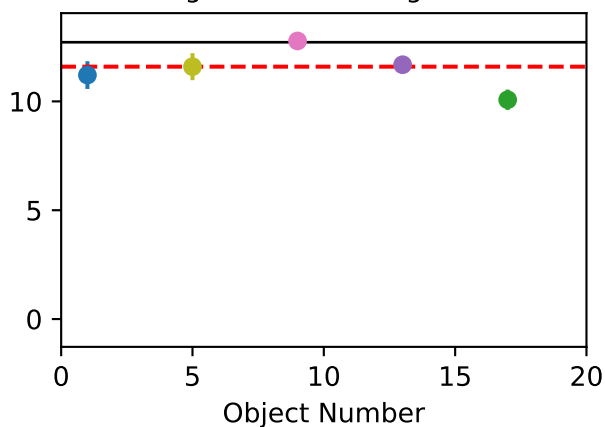
LfW_avgAbsY (Def=na Set=37.0)
avg1=37.0~19% avg2=na



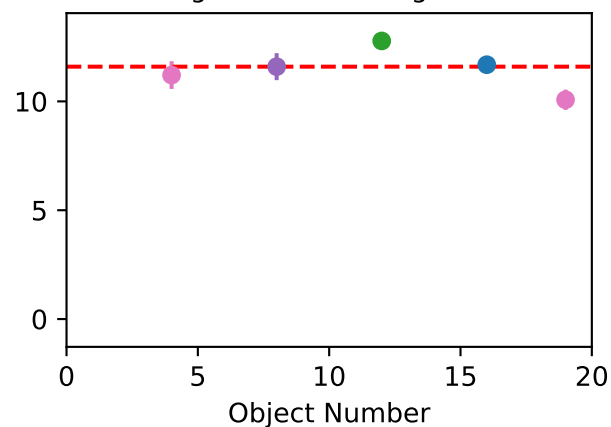
NdD_avgAbsY (Def=na Set=16.88)
avg1=16.88~2% avg2=na



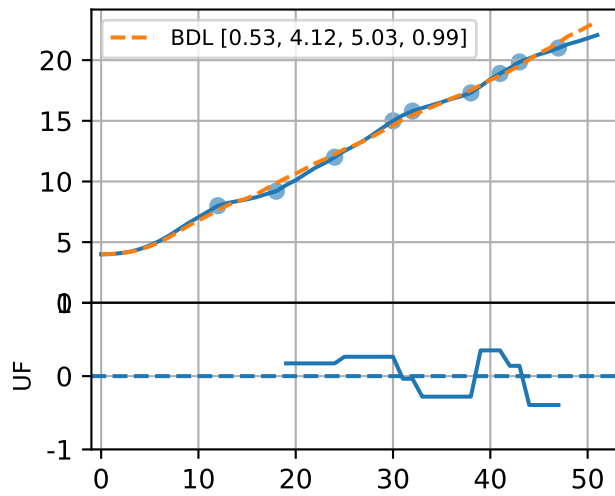
NdV_Q90AbsY (Def=12.72 Set=12.72)
avg1=11.6~2% avg2=na



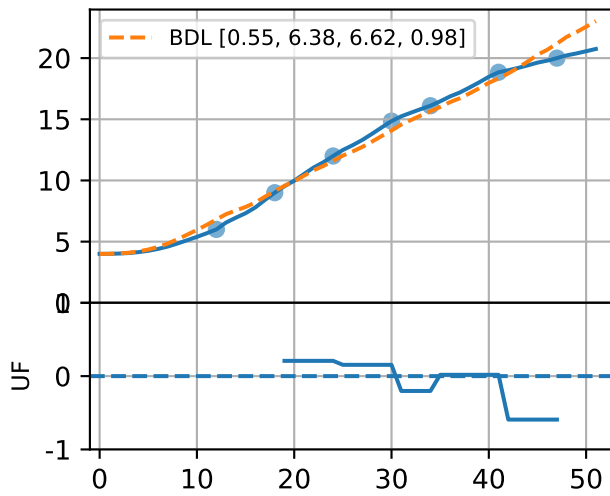
NdV_avgAbsY (Def=na Set=na)
avg1=11.6~2% avg2=na



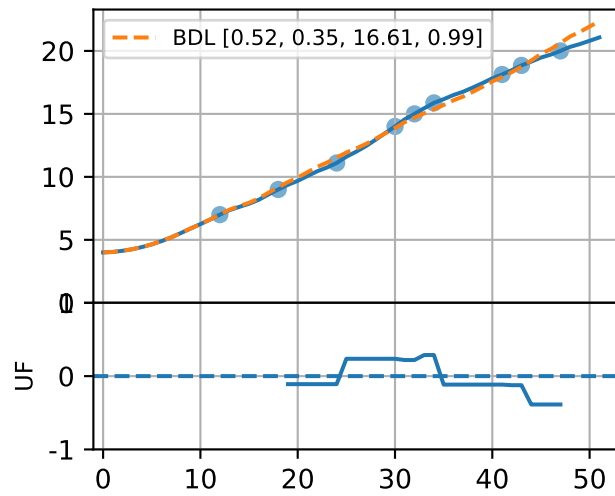
P3-2-16-21 (fit failed)



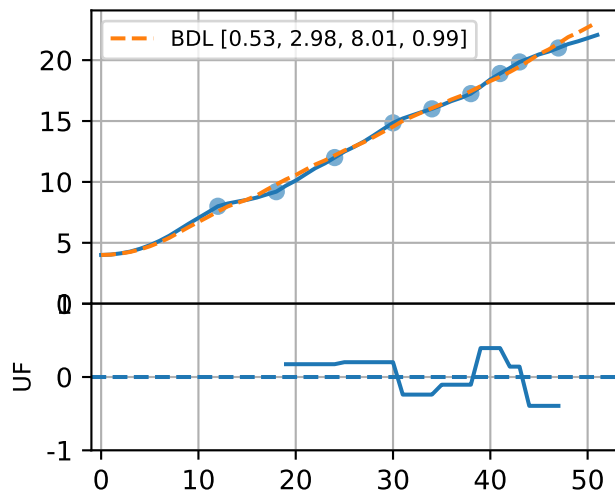
P3-2-24-18 (fit failed)



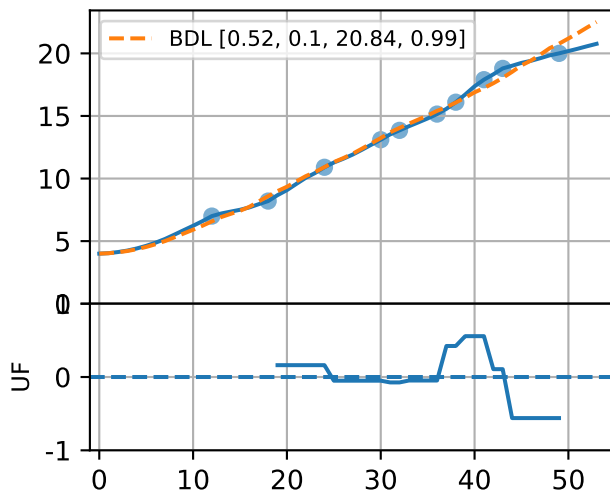
P3-2-40-6 (fit failed)



P3-2-55-28 (fit failed)



P3-2-9-8 (fit failed)

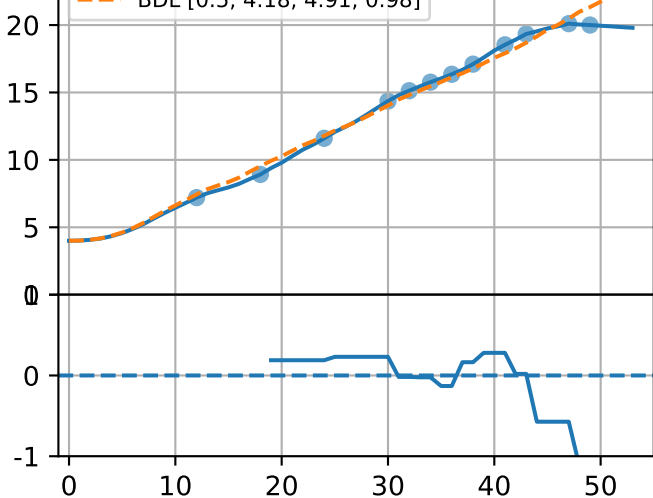


P3-2avg (fit failed)

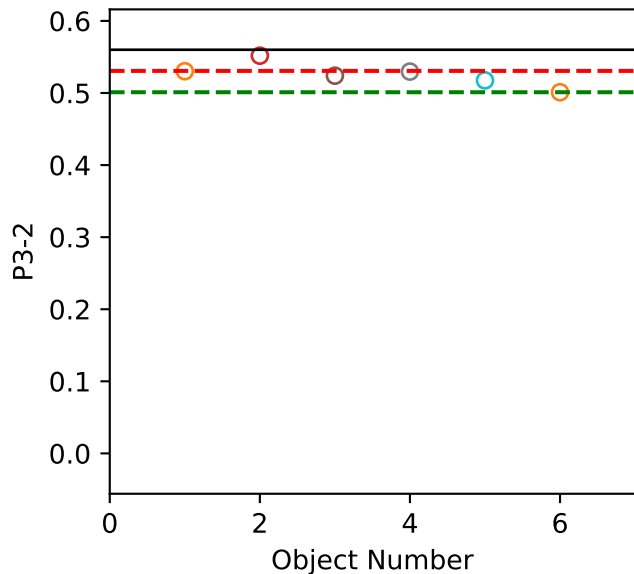
NaN

BDL [0.5, 4.18, 4.91, 0.98]

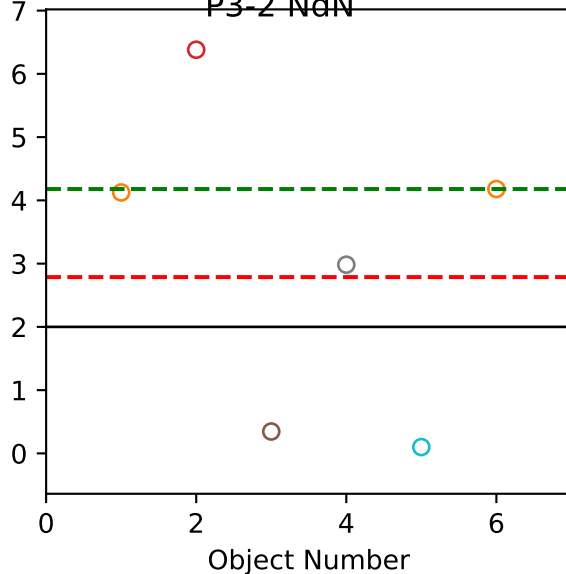
UF



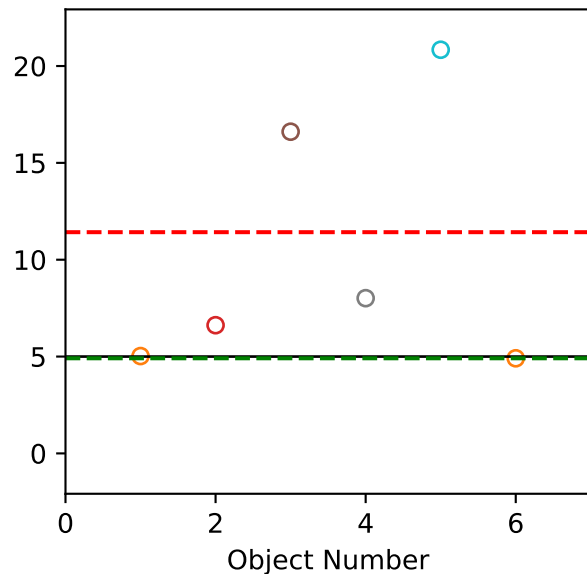
a (Def=0.56 Set=0.5)
avg1=0.53(fail) avg2=0.5



dm (Def=2 Set=4.18)
avg1=2.79(fail) avg2=4.18



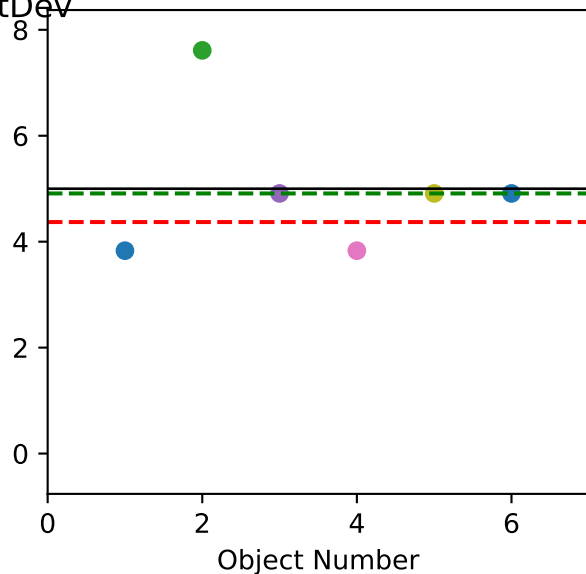
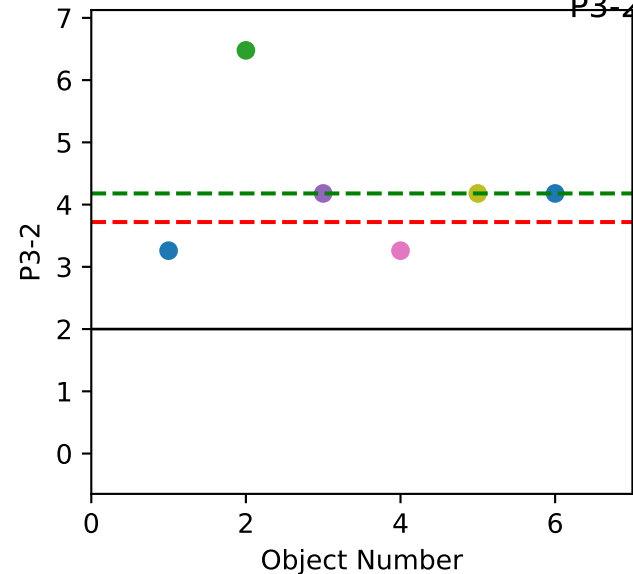
de (Def=5 Set=4.91)
avg1=11.42(fail) avg2=4.91



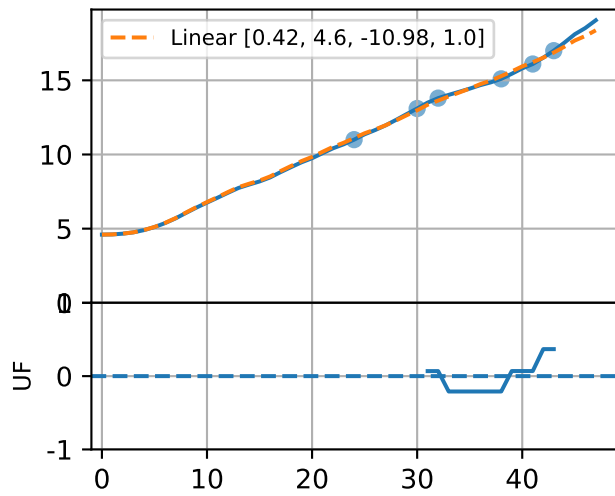
InitDev_dm (Def=2 Set=4.18)
avg1=3.72~14% avg2=4.18

P3-2 InitDev

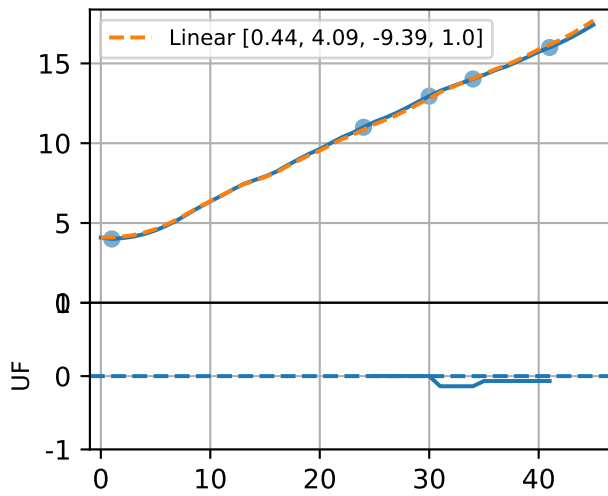
InitDev_de (Def=5 Set=4.91)
avg1=4.37~14% avg2=4.91



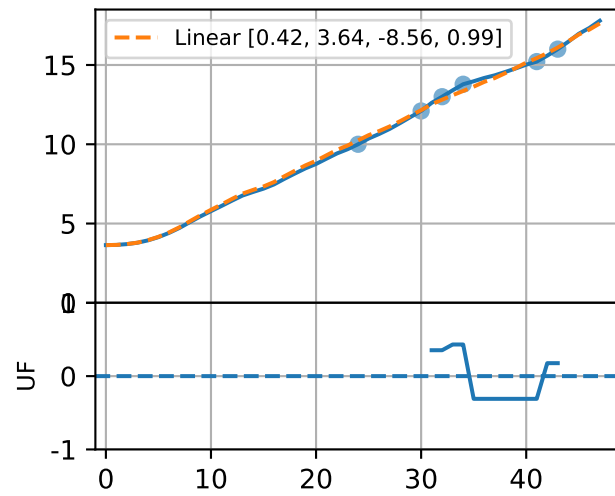
P3-2-16-21



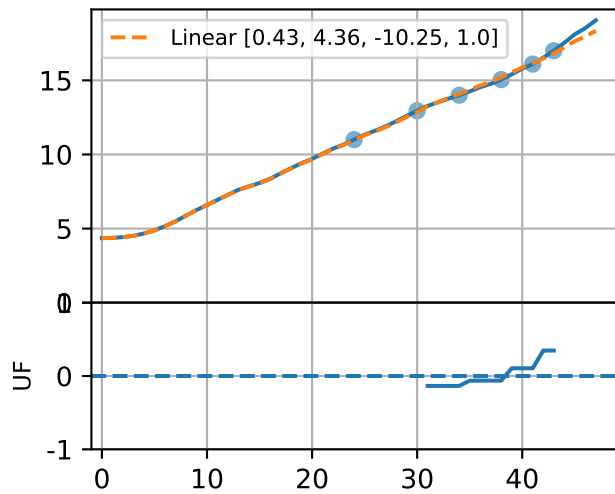
P3-2-24-18



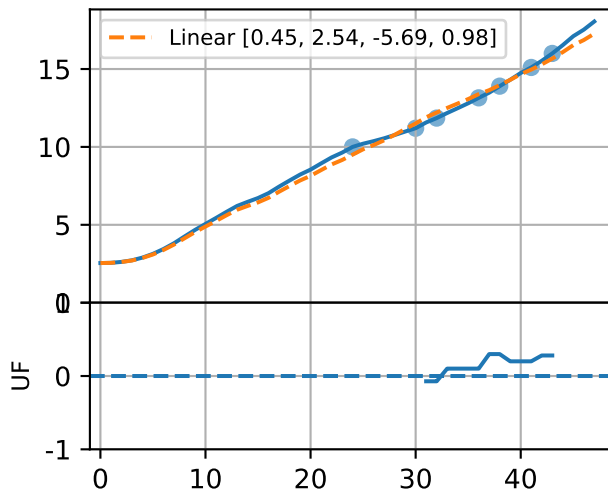
P3-2-40-6



P3-2-55-28

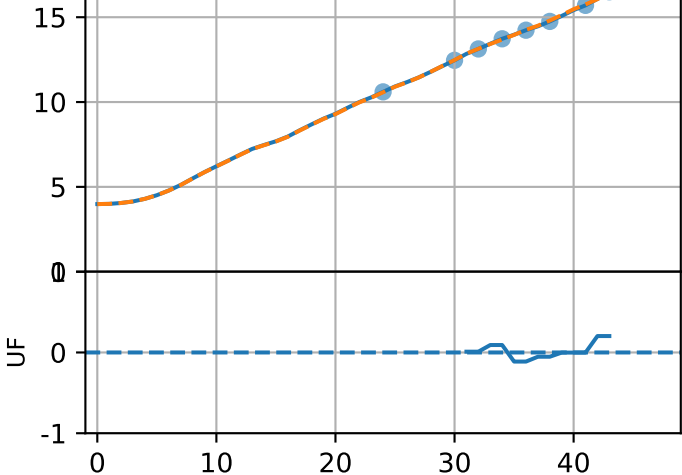


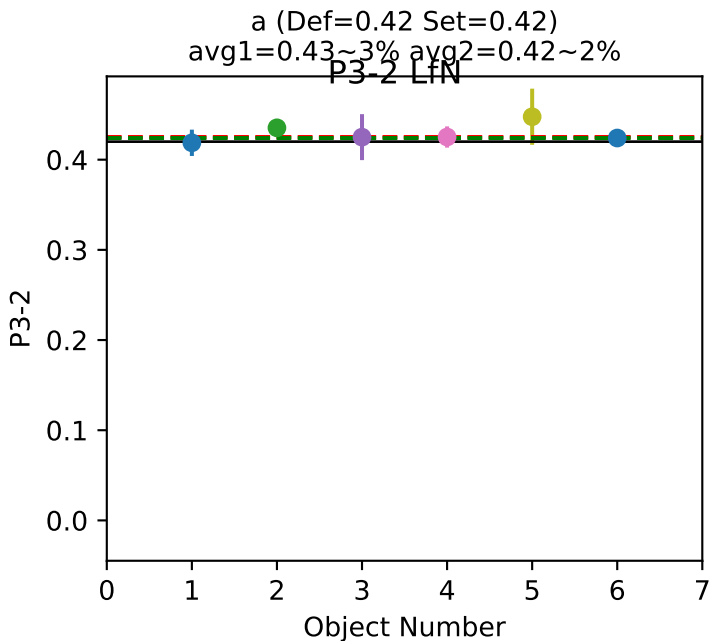
P3-2-9-8



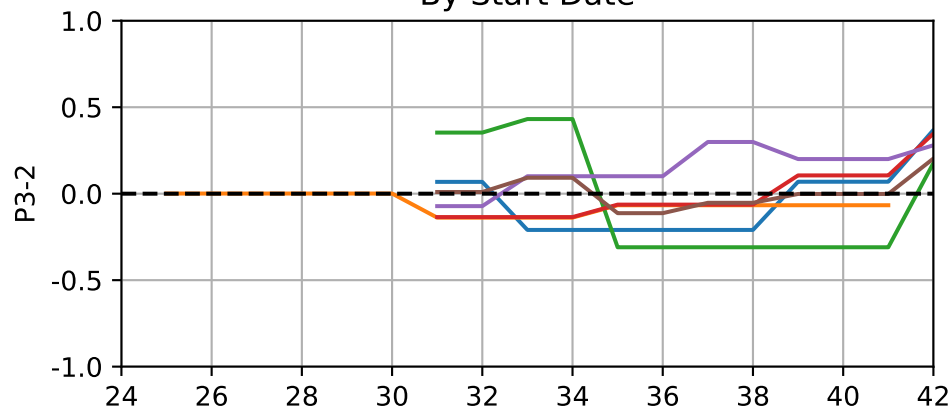
P3-2avg Lfn

Linear [0.42, 3.99, -9.4, 1.0]

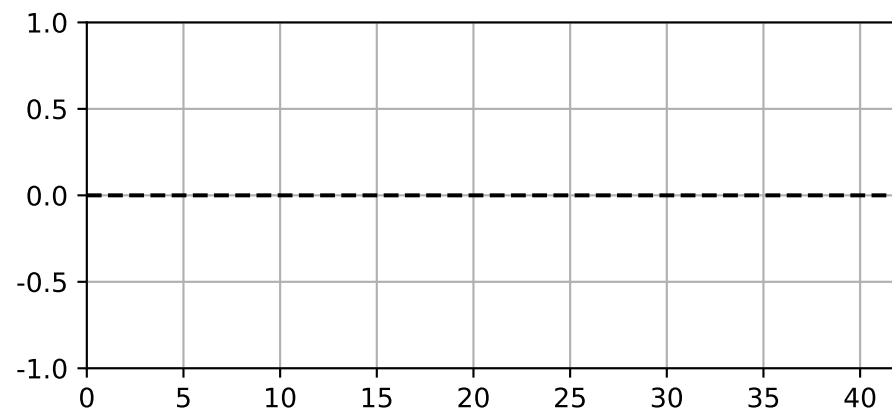
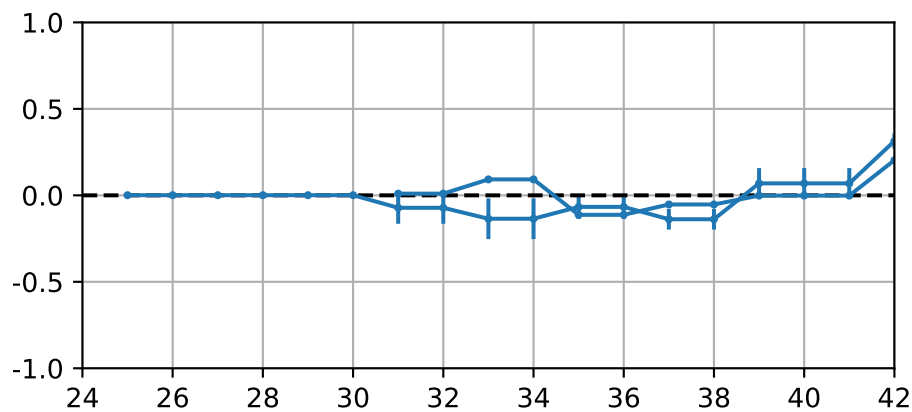
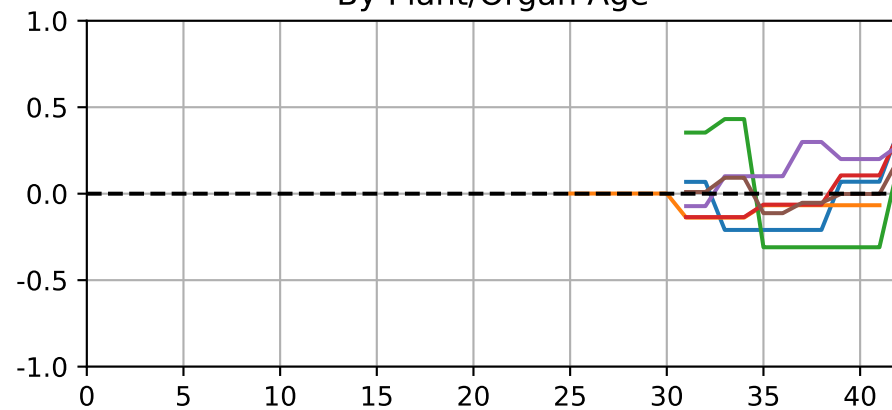




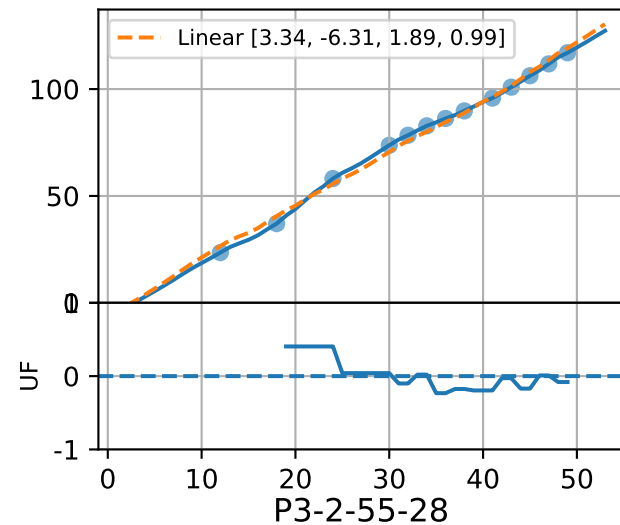
By Start Date



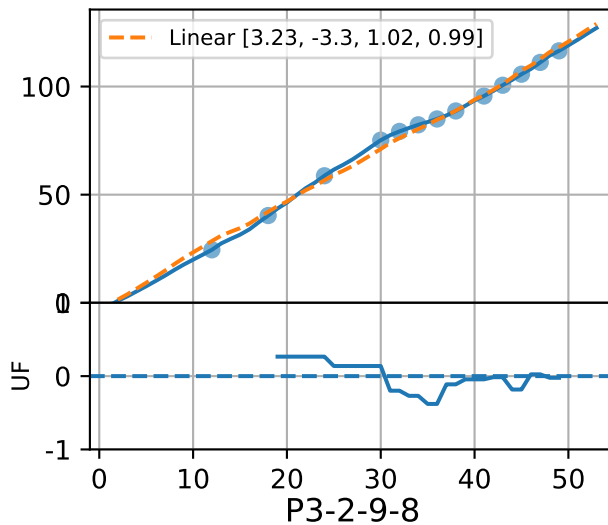
By Plant/Organ Age



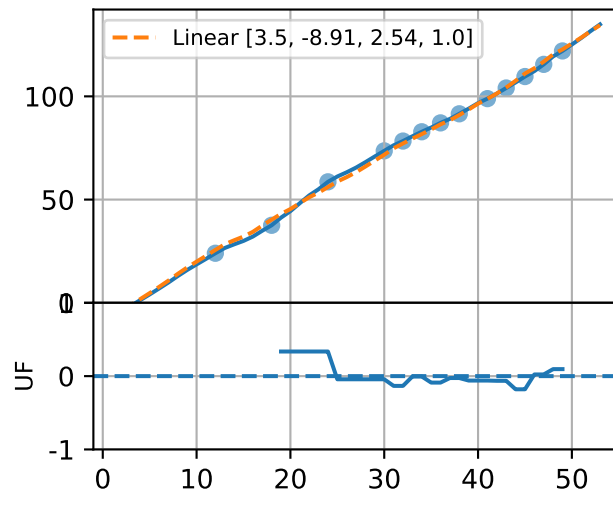
P3-2-16-21



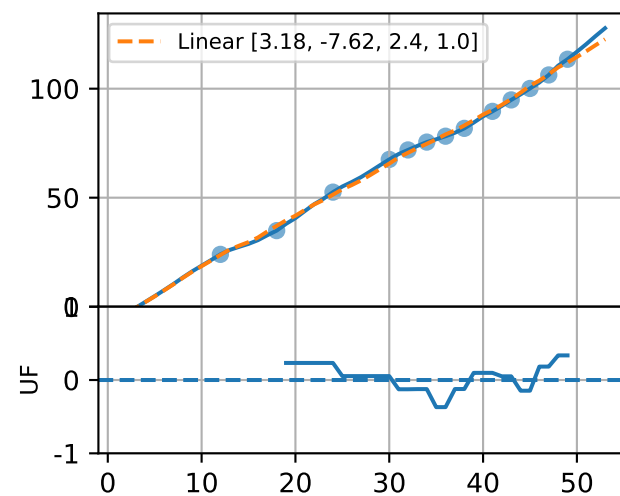
P3-2-24-18



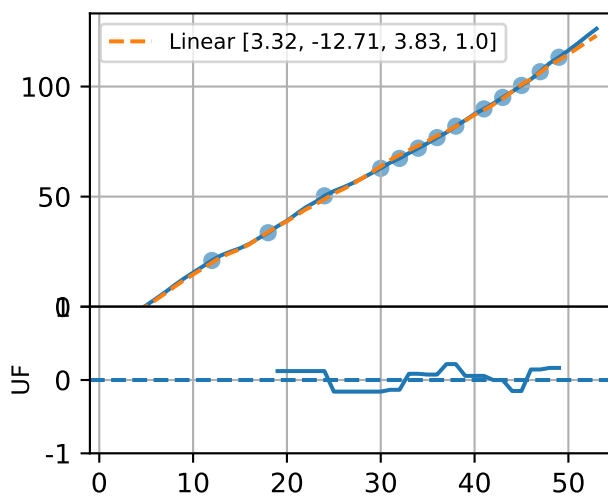
P3-2-40-6



P3-2-55-28

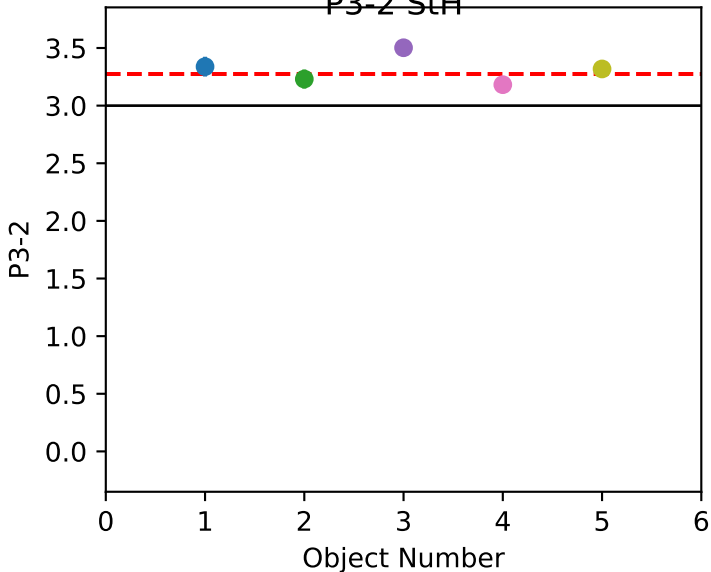


P3-2-9-8



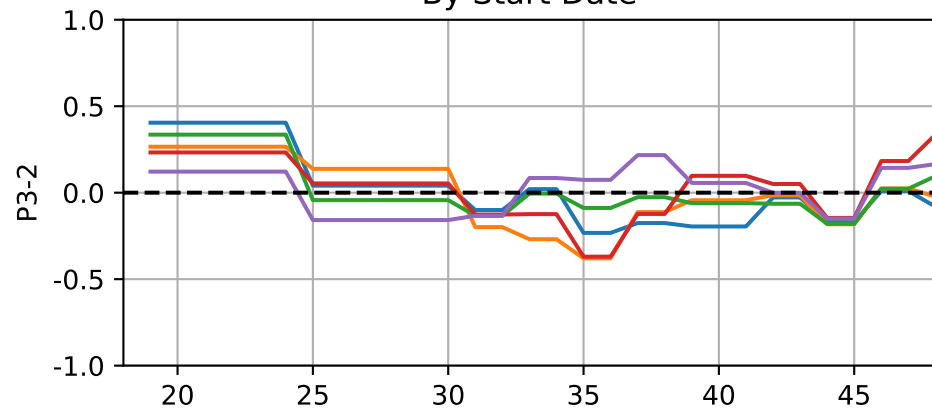
a (Def=3 Set=3.27)
avg1=3.27~2% avg2=na

P3-2 StH

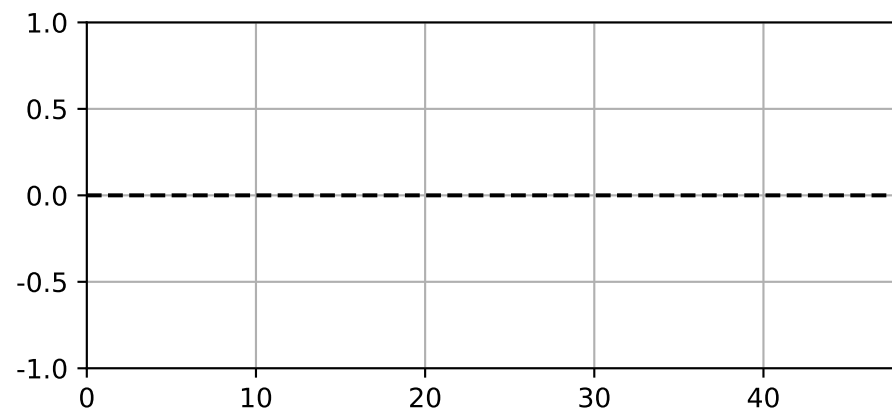
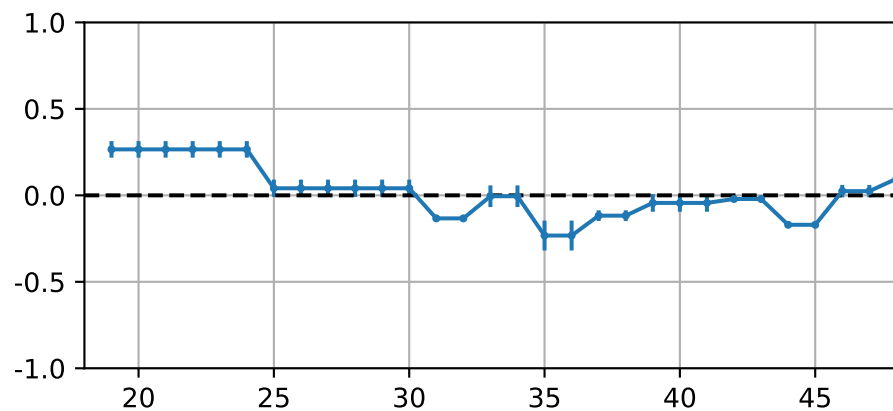
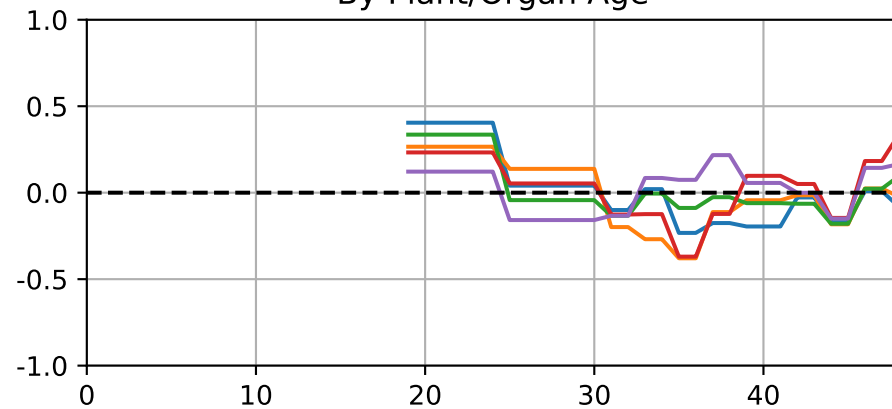


StH

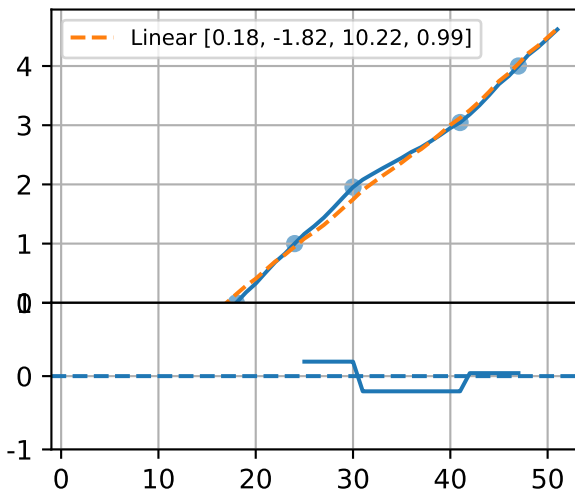
By Start Date



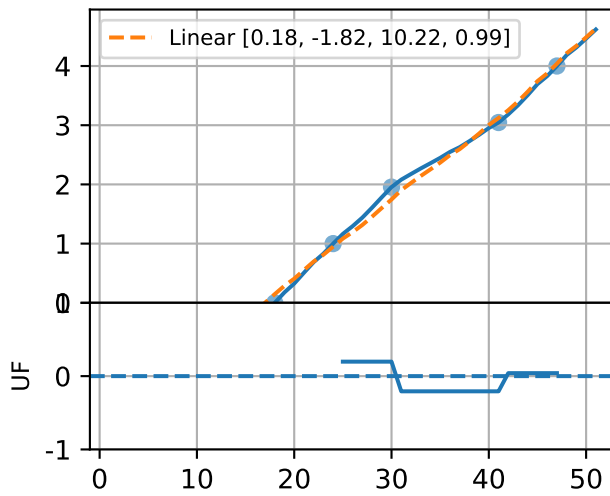
By Plant/Organ Age



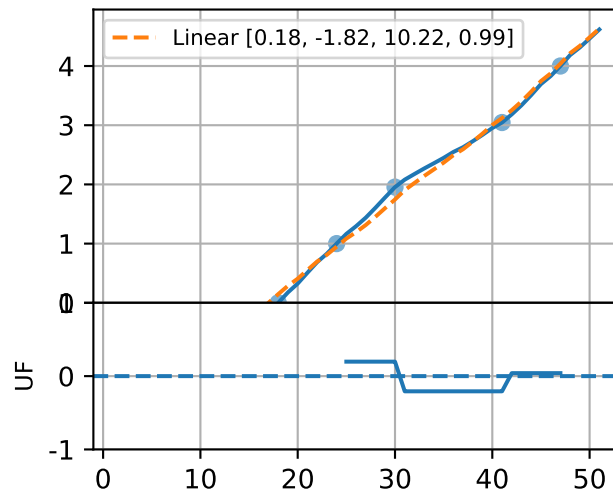
P3-2-16-21



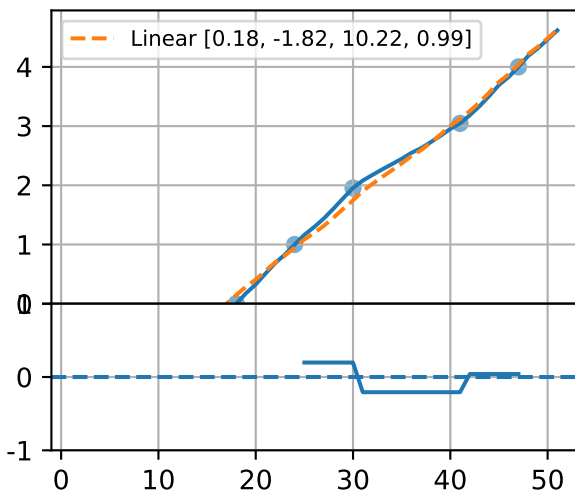
P3-2-24-18



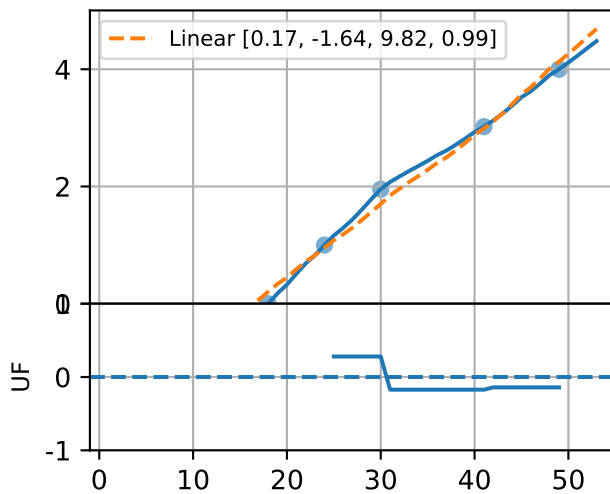
P3-2-40-6



P3-2-55-28



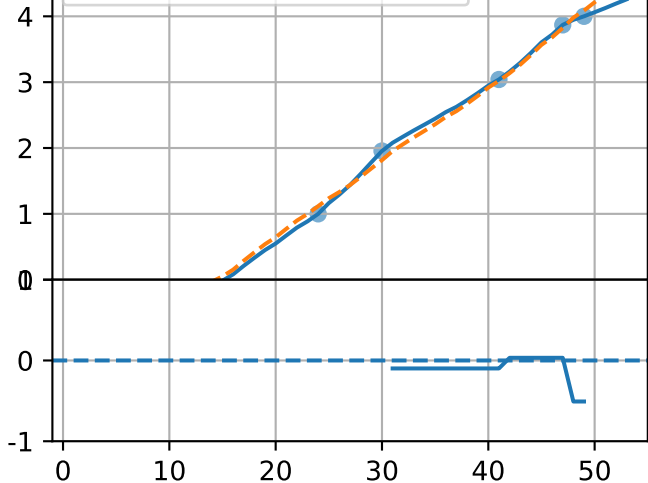
P3-2-9-8

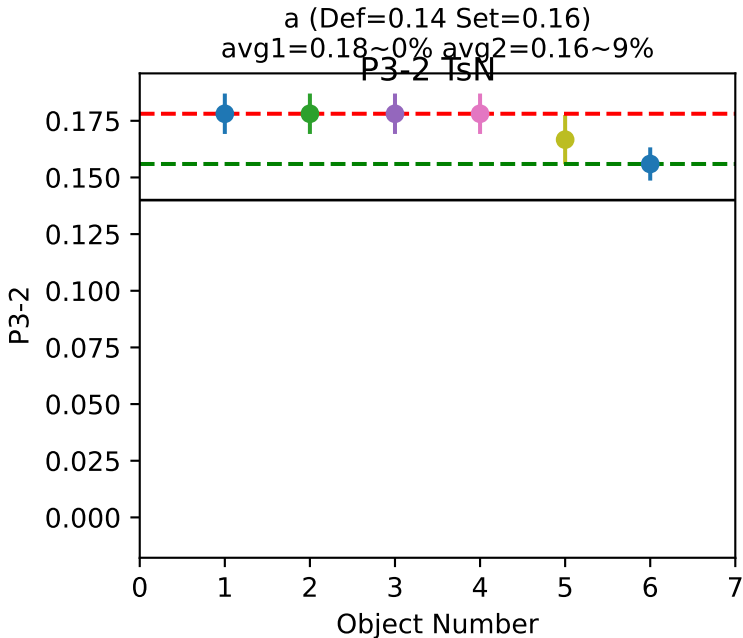


P3-2avg
TSN

Linear [0.16, -1.31, 8.38, 0.99]

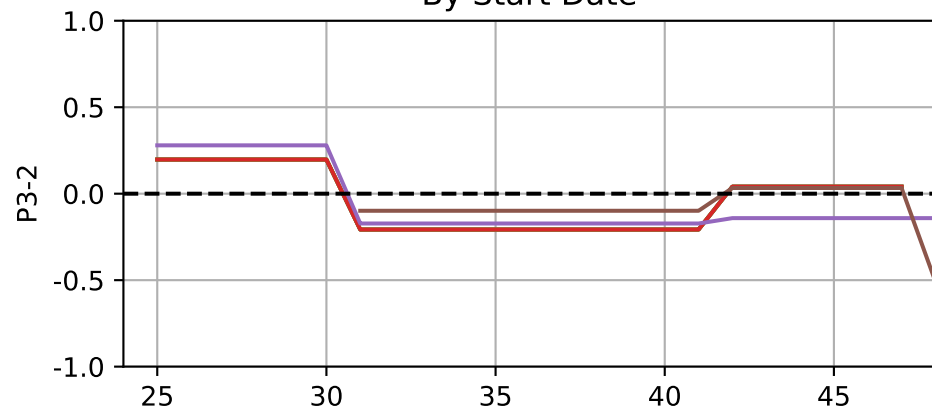
UF



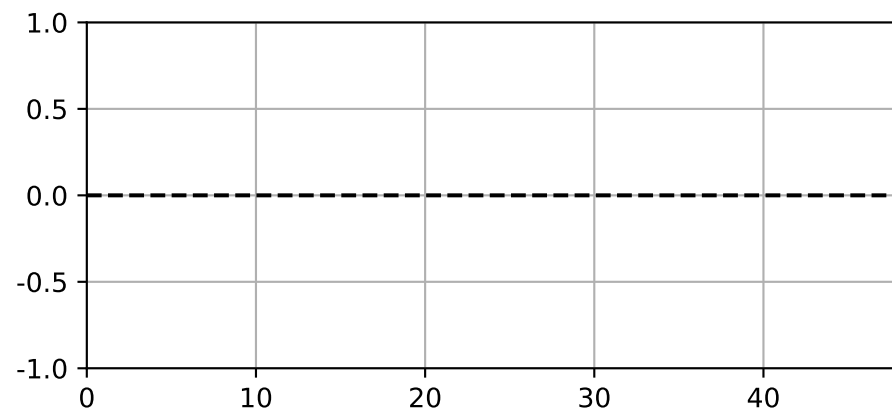
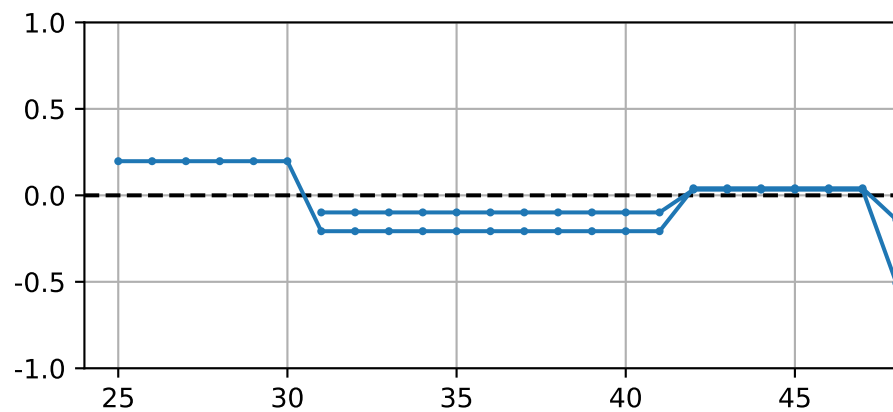
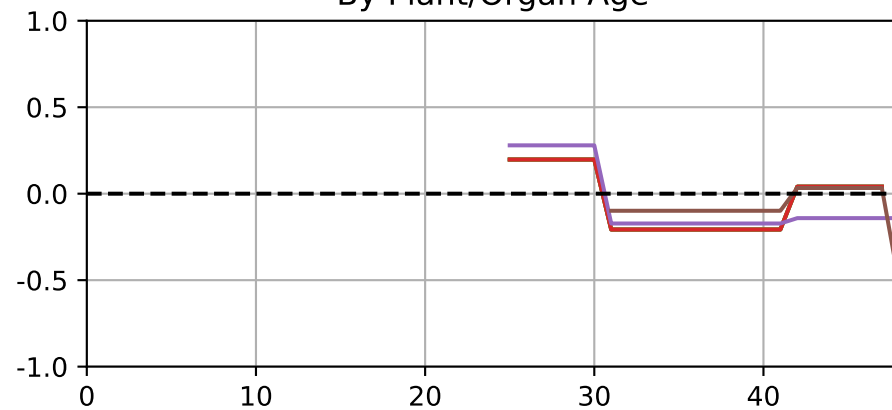


TsN

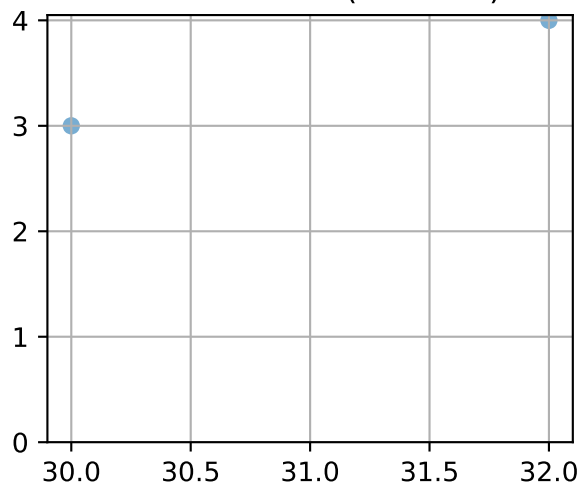
By Start Date



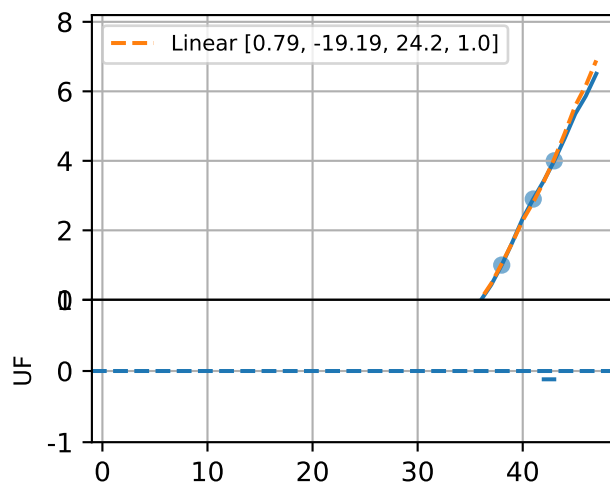
By Plant/Organ Age



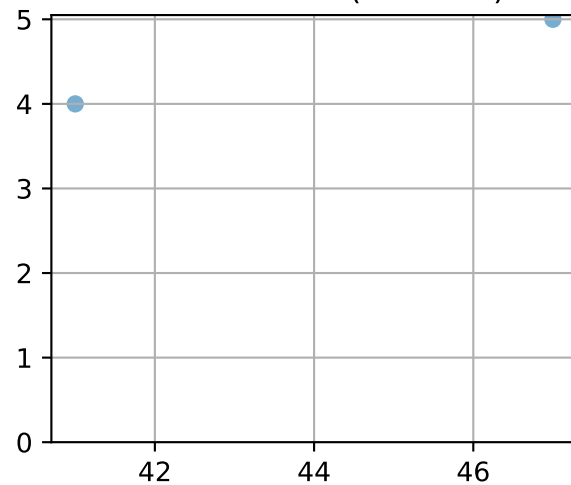
P3-2-16-21T1 (fit failed)



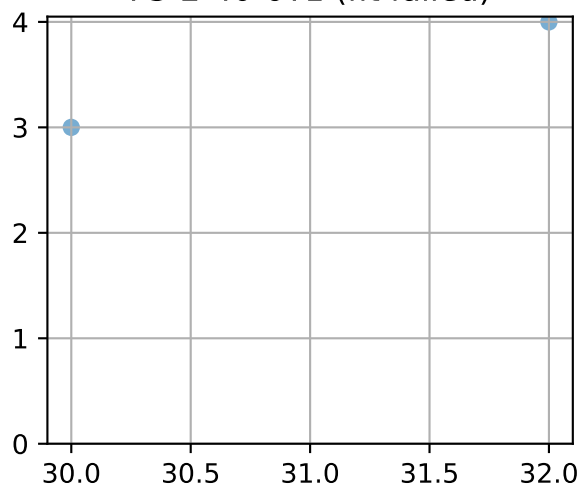
P3-2-16-21T2



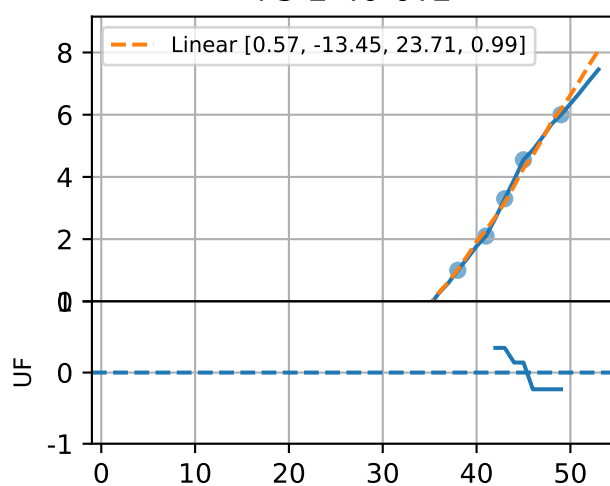
P3-2-24-18T2 (fit failed)



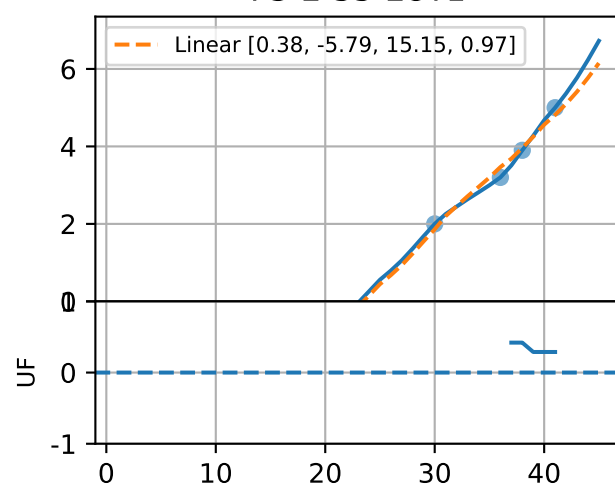
P3-2-40-6T1 (fit failed)



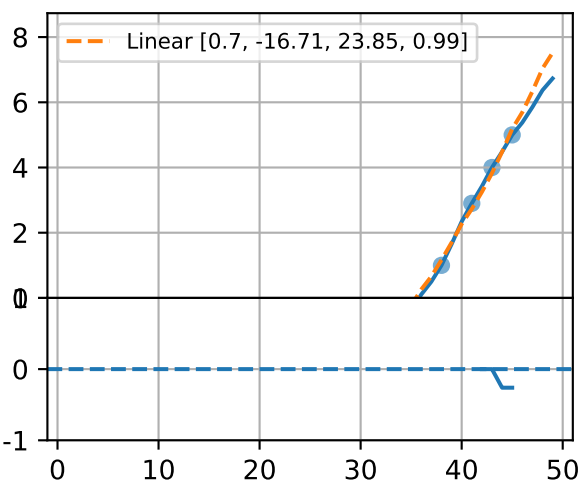
P3-2-40-6T2



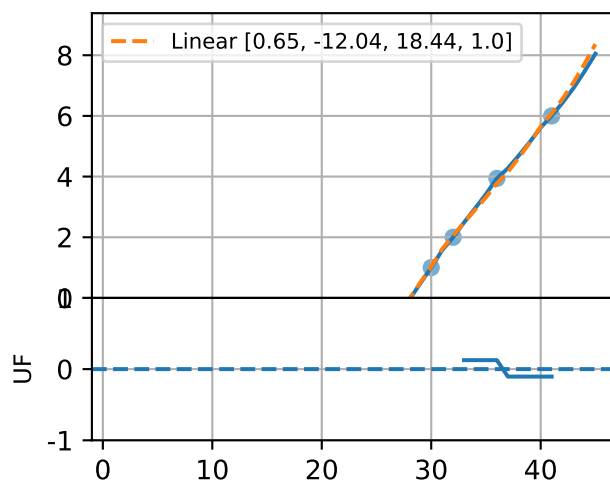
P3-2-55-28T1



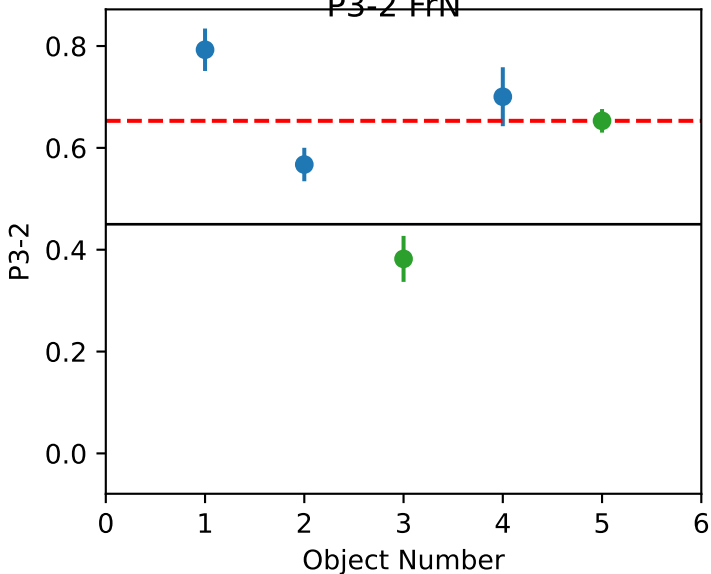
P3-2-55-28T2



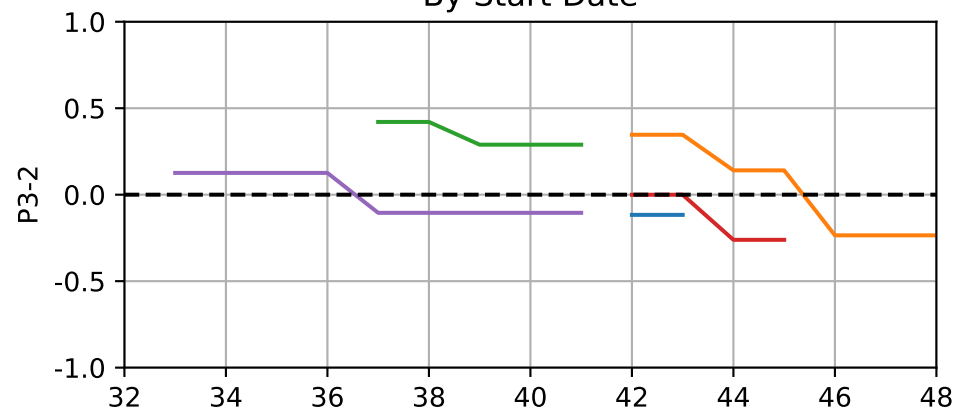
P3-2-9-8T1



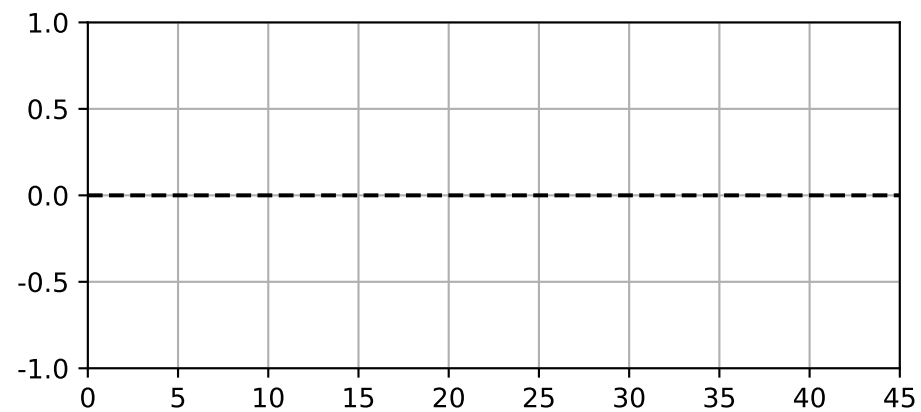
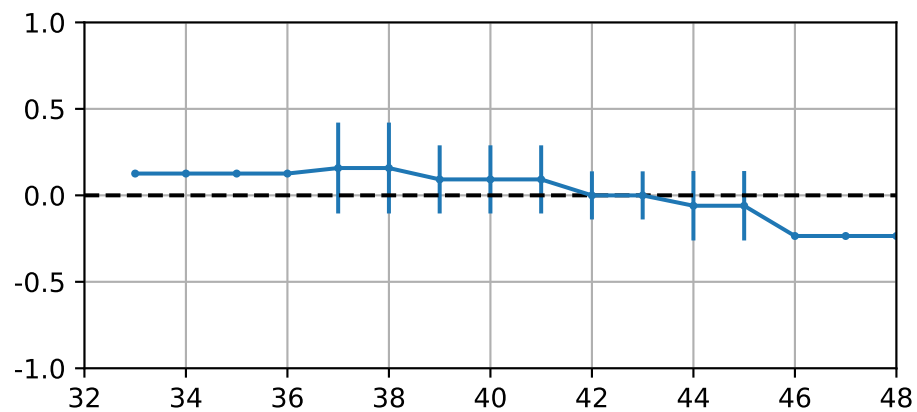
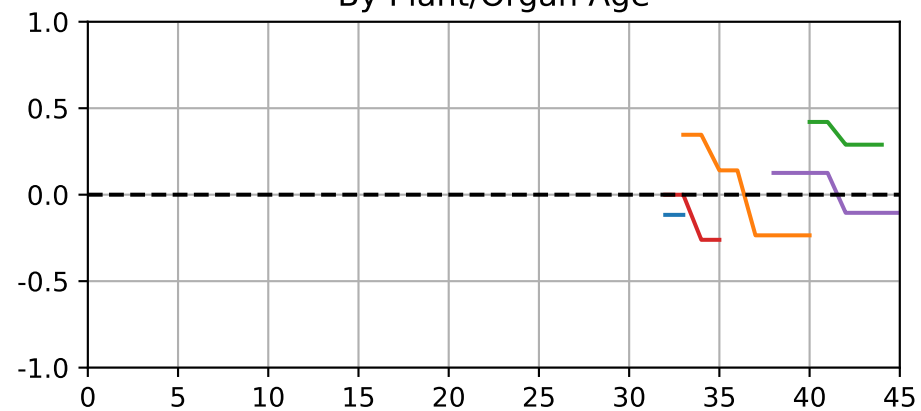
a (Def=0.45 Set=0.65)
avg1=0.65~24% avg2=na
P3-2 FrN



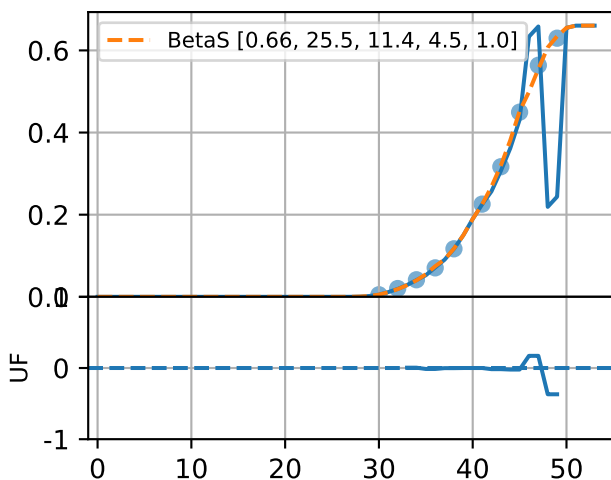
By Start Date



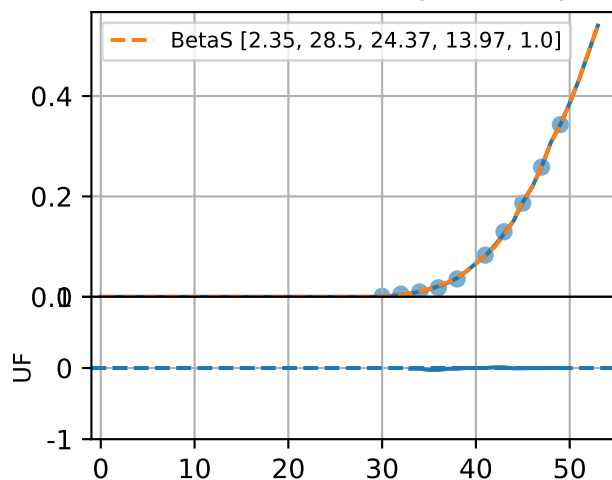
By Plant/Organ Age



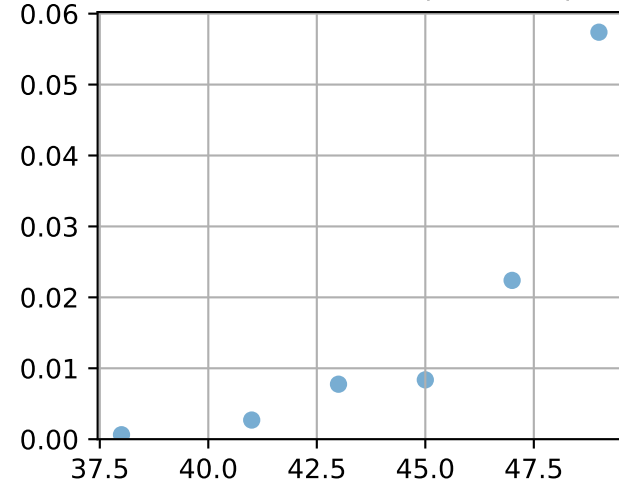
P3-2-16-21T1Fr1



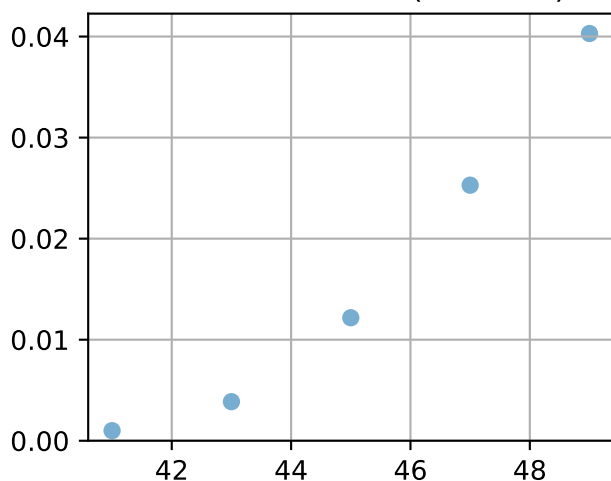
P3-2-16-21T1Fr5 (fit failed)



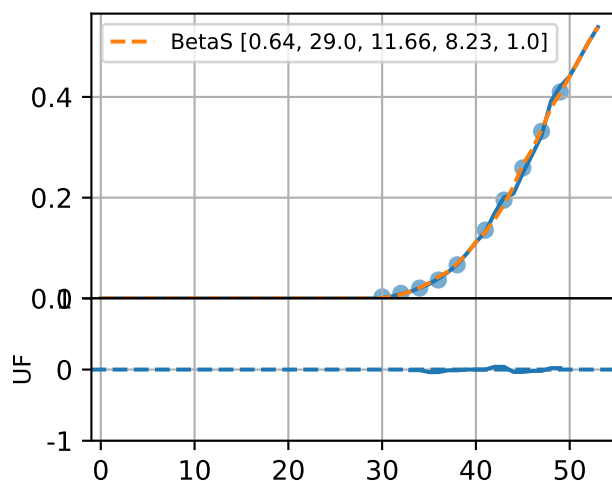
P3-2-16-21T2Fr1 (fit failed)



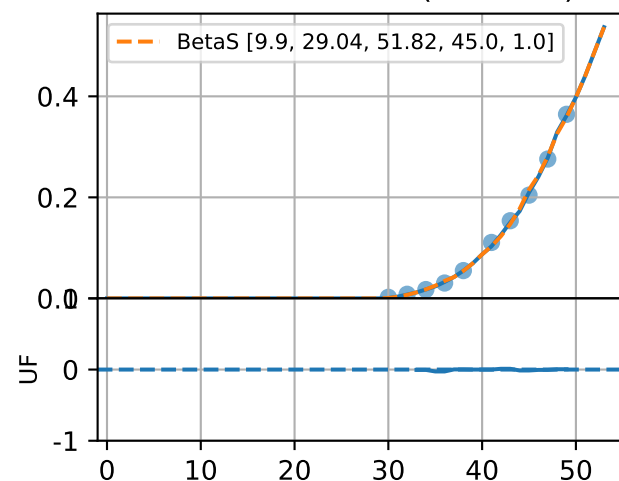
P3-2-16-21T2Fr5 (fit failed)



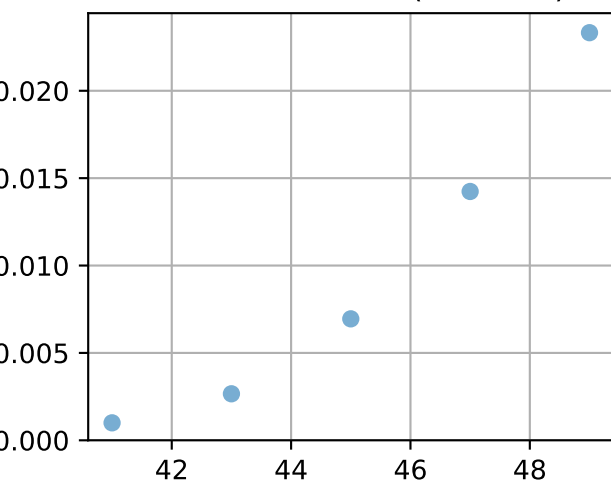
P3-2-24-18T1Fr1



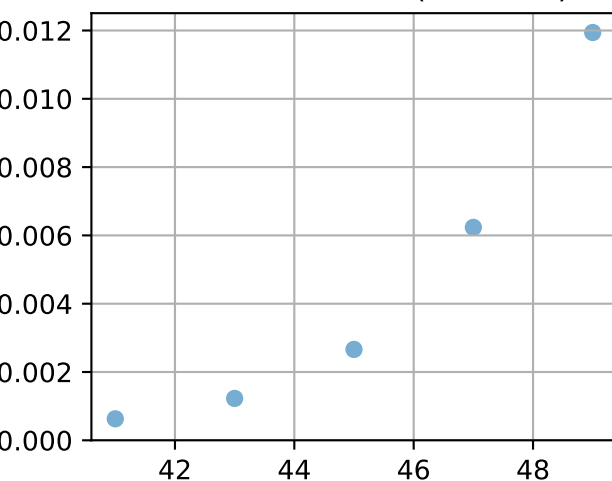
P3-2-24-18T1Fr5 (fit failed)



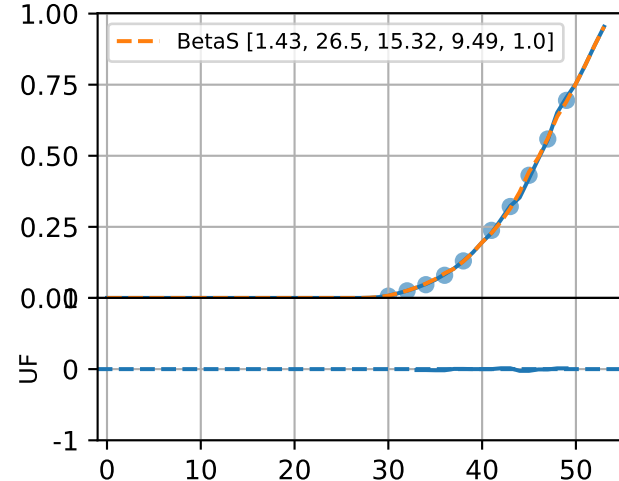
P3-2-24-18T2Fr1 (fit failed)



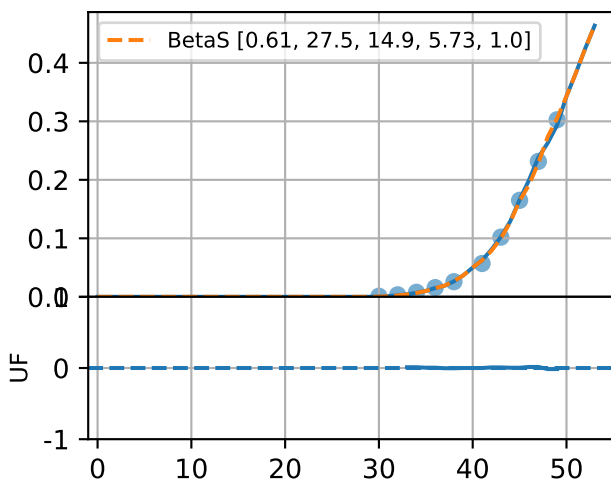
P3-2-24-18T2Fr5 (fit failed)



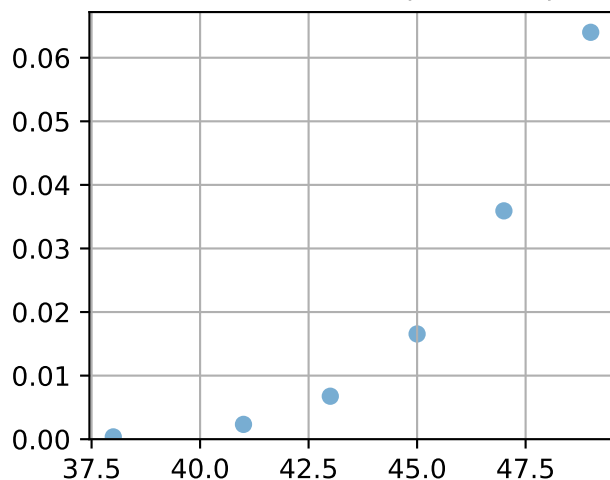
P3-2-40-6T1Fr1



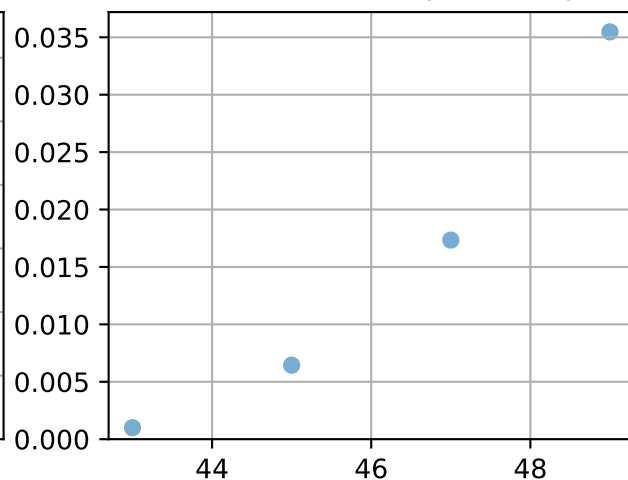
P3-2-40-6T1Fr5



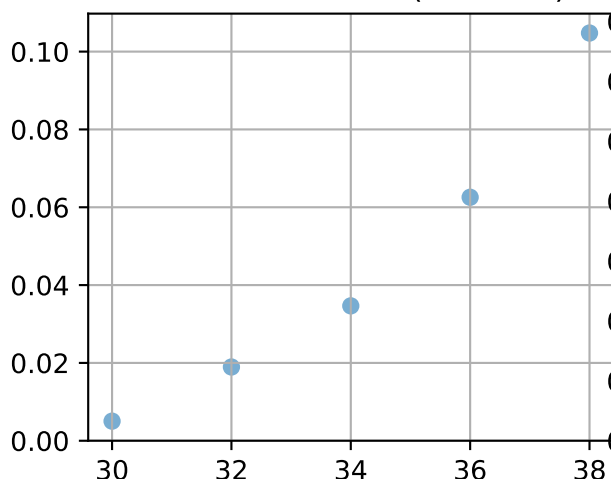
P3-2-40-6T2Fr1 (fit failed)



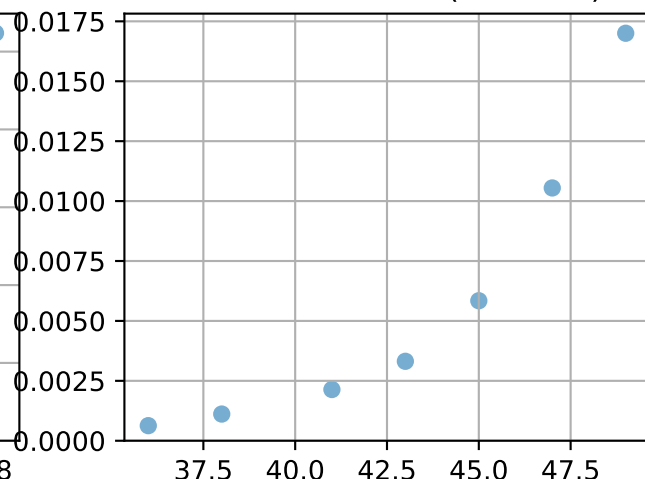
P3-2-40-6T2Fr5 (fit failed)



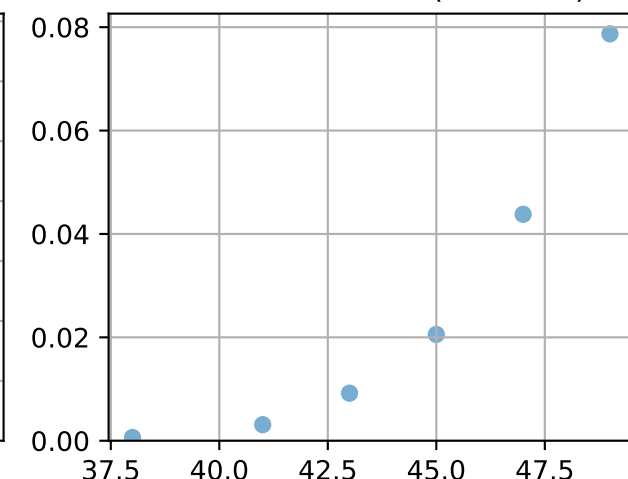
P3-2-55-28T1Fr1 (fit failed)



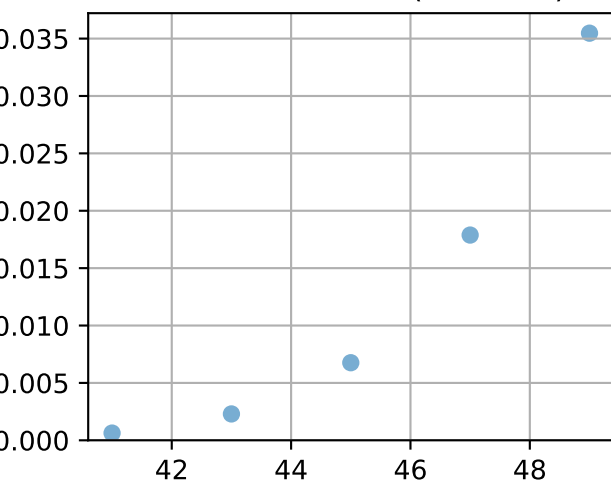
P3-2-55-28T1Fr5 (fit failed)



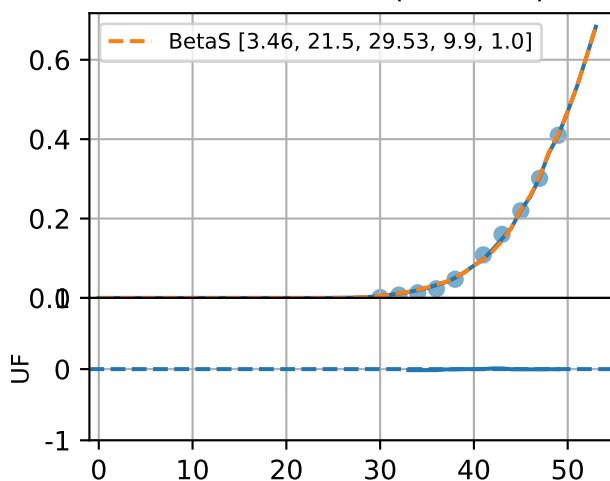
P3-2-55-28T2Fr1 (fit failed)



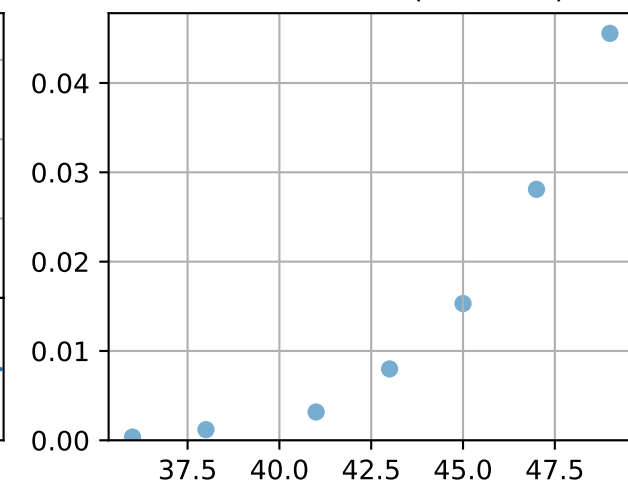
P3-2-55-28T2Fr5 (fit failed)



P3-2-9-8T1Fr1 (fit failed)

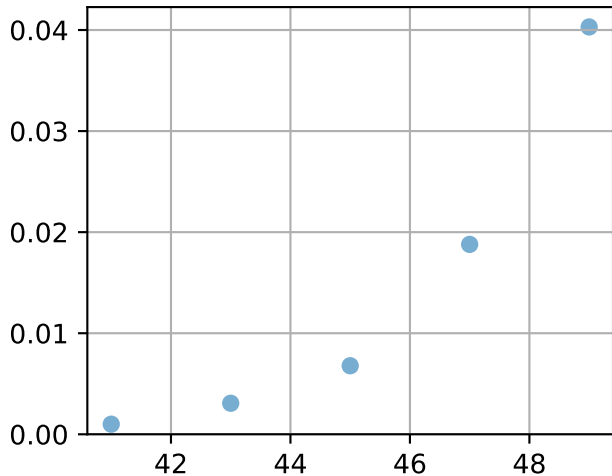


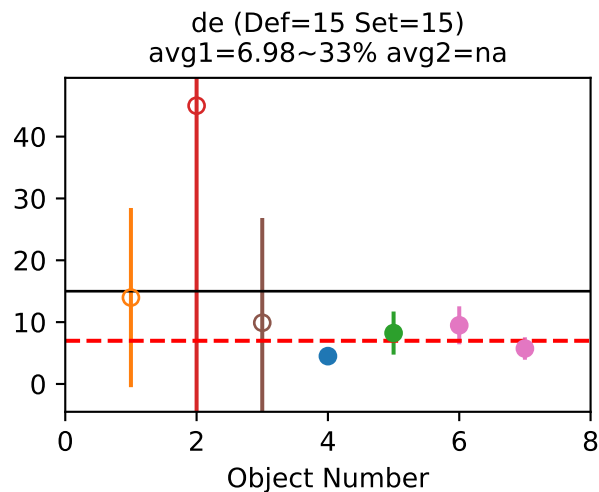
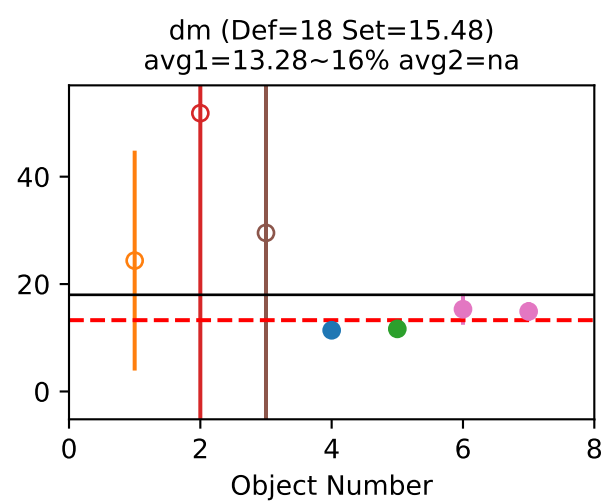
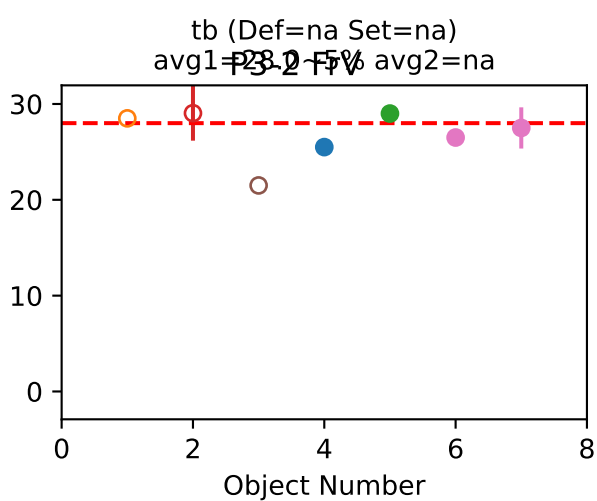
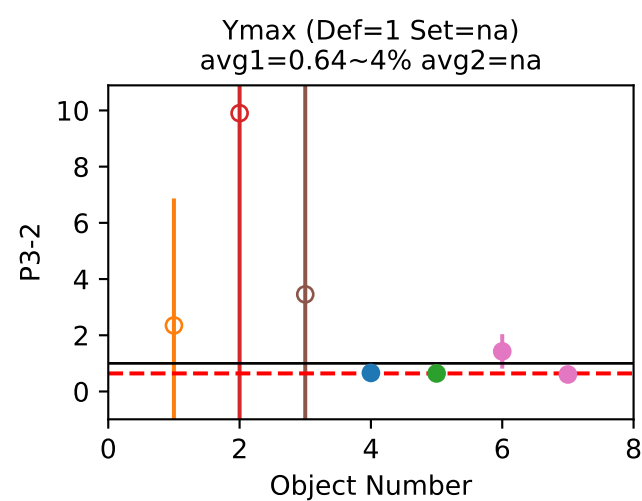
P3-2-9-8T1Fr5 (fit failed)



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

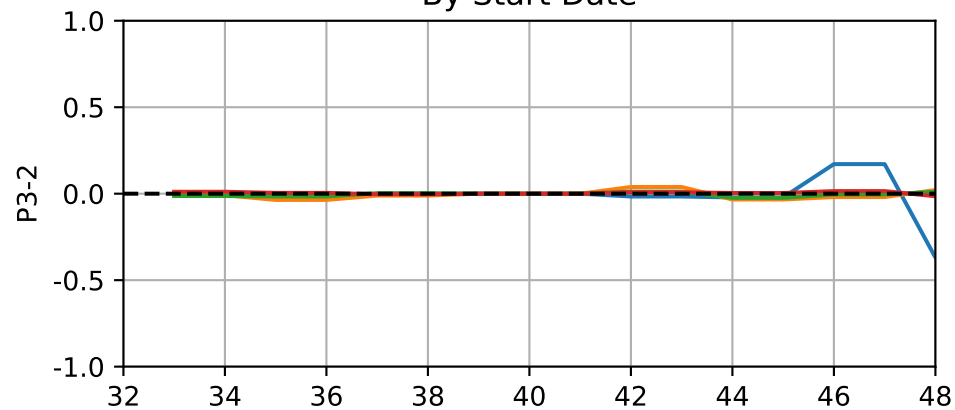
FrV



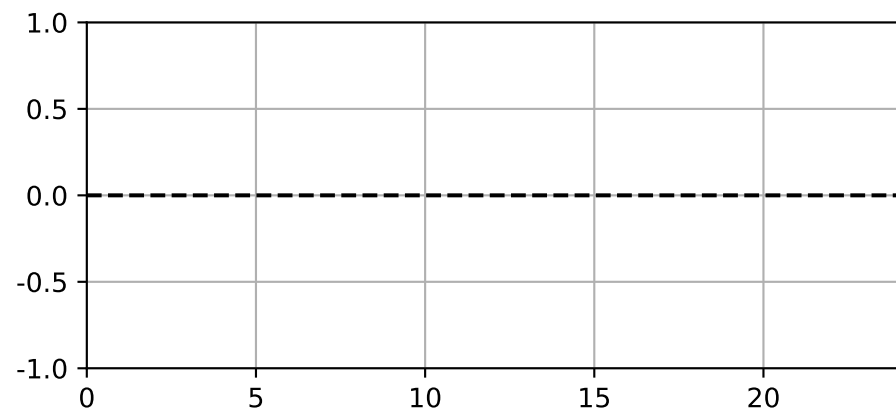
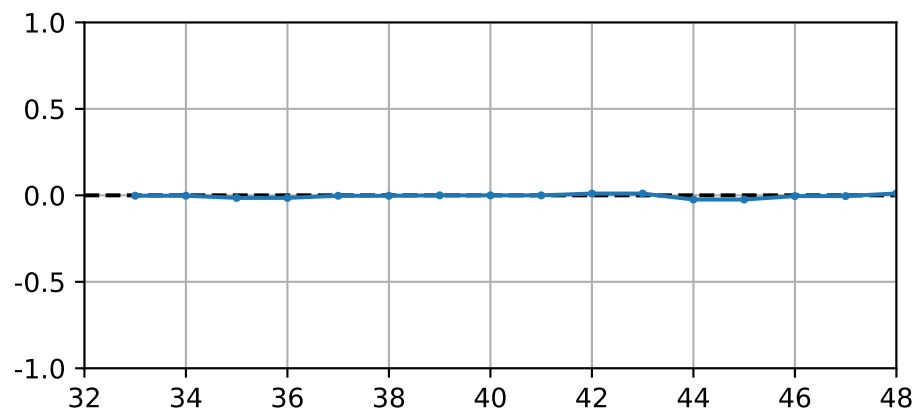
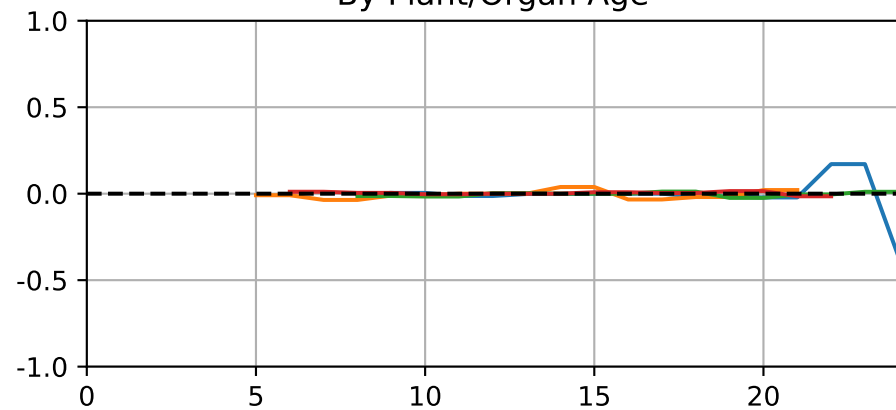


FrV

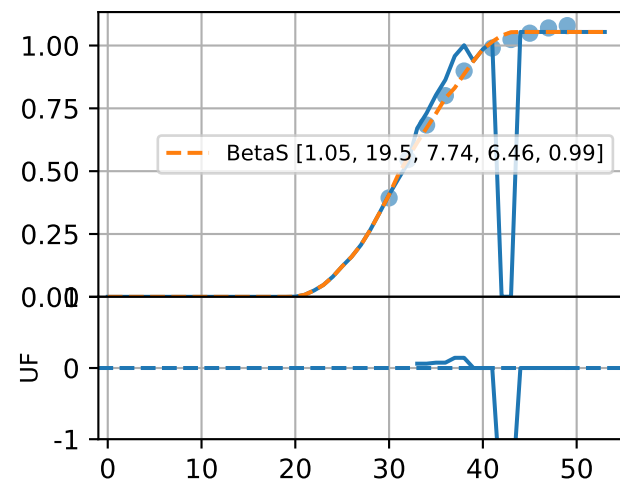
By Start Date



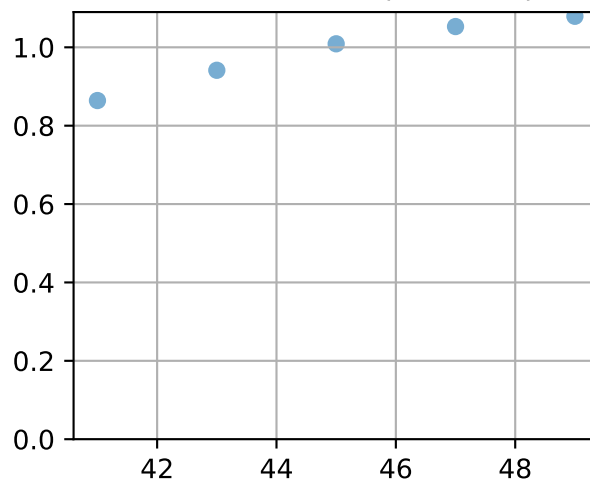
By Plant/Organ Age



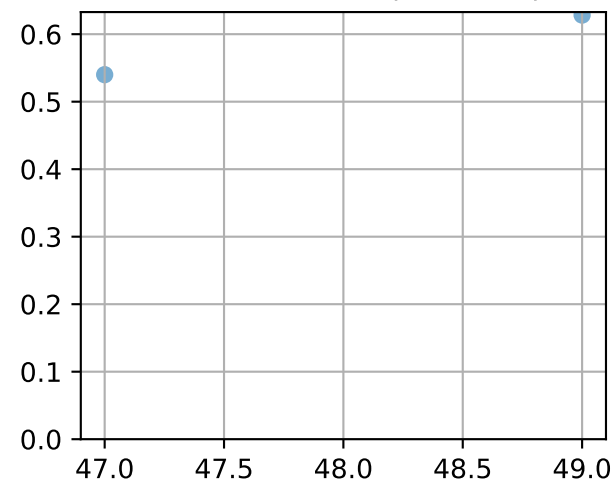
P3-2-16-21L10



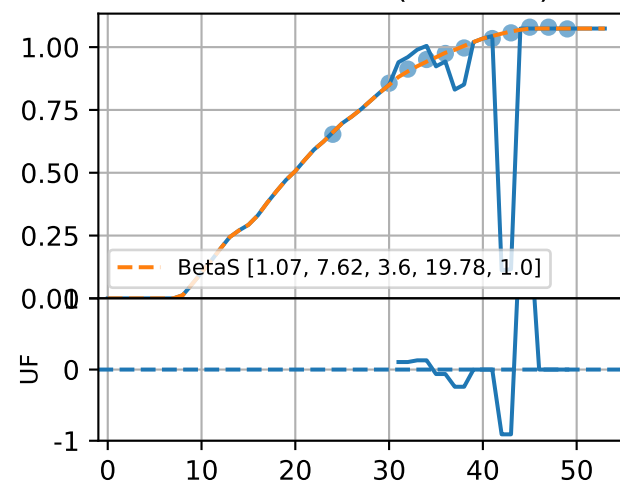
P3-2-16-21L13 (fit failed)



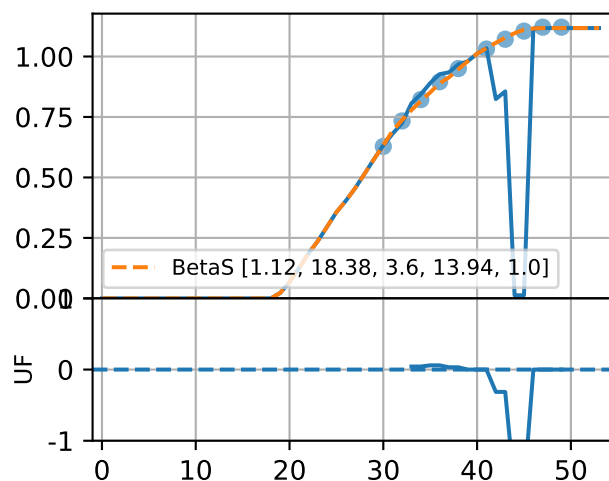
P3-2-16-21L16 (fit failed)



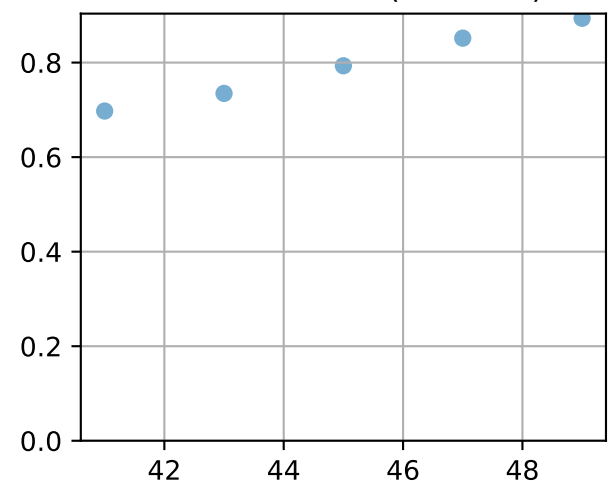
P3-2-16-21L7 (fit failed)



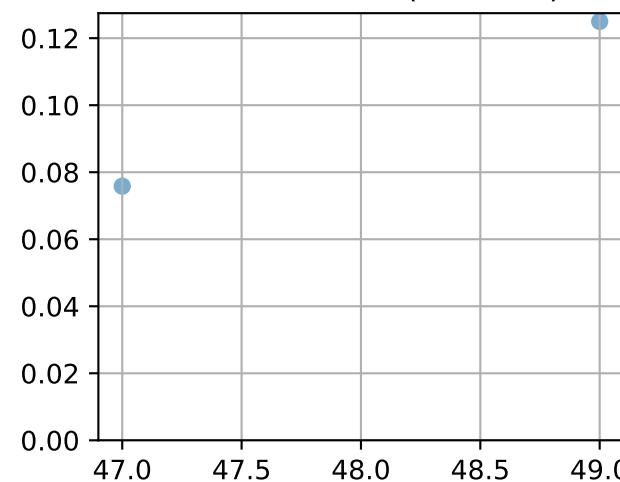
P3-2-24-18L10



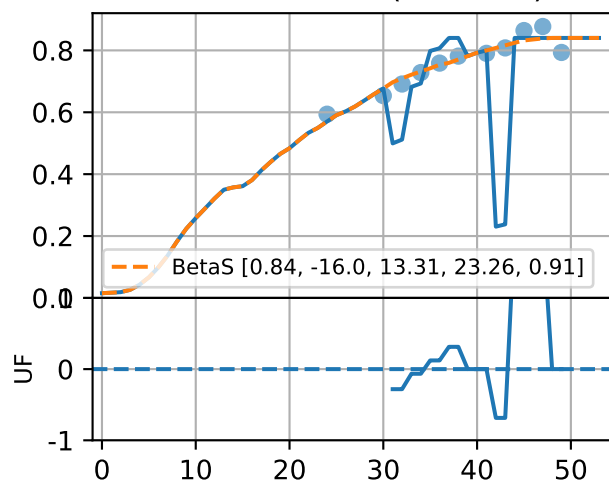
P3-2-24-18L13 (fit failed)



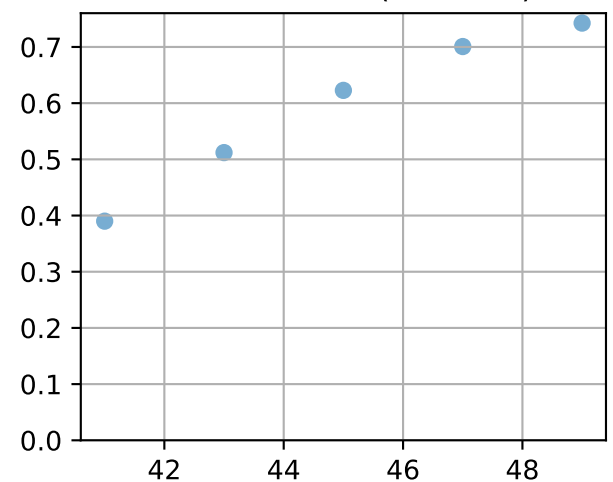
P3-2-24-18L16 (fit failed)



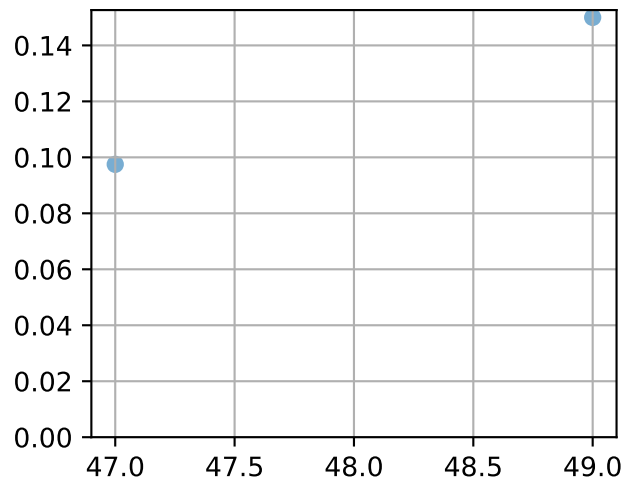
P3-2-24-18L6 (fit failed)



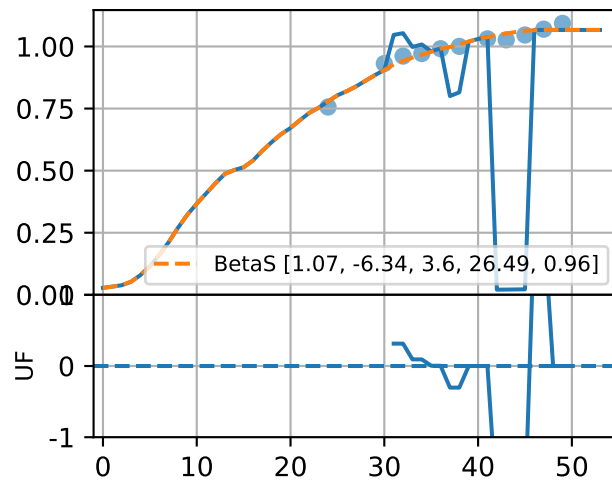
P3-2-40-6L12 (fit failed)



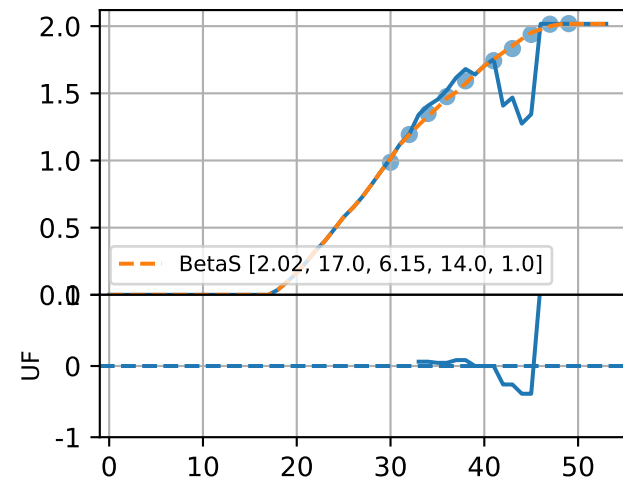
P3-2-40-6L15 (fit failed)



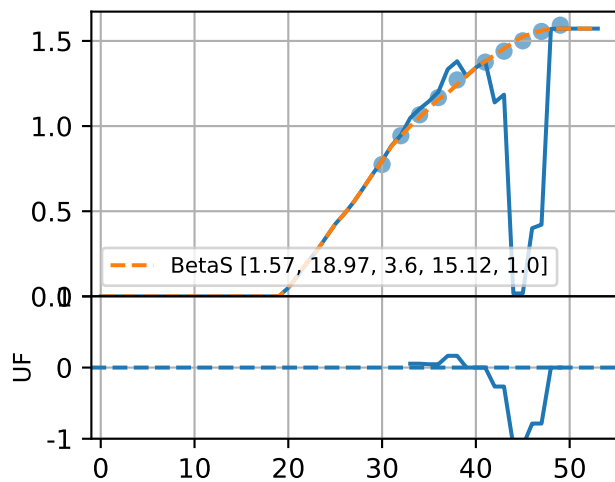
P3-2-40-6L6 (fit failed)



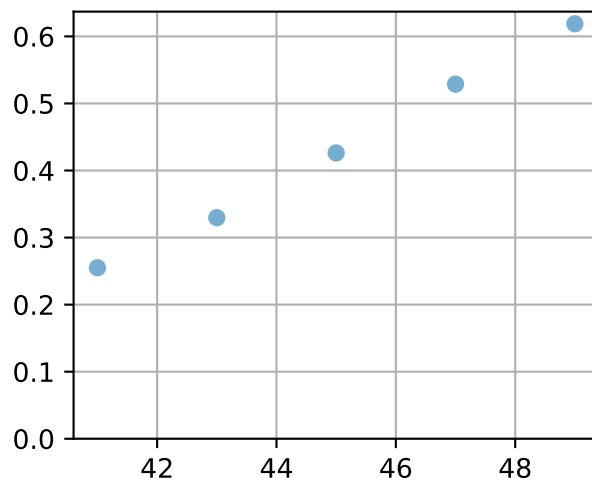
P3-2-40-6L9



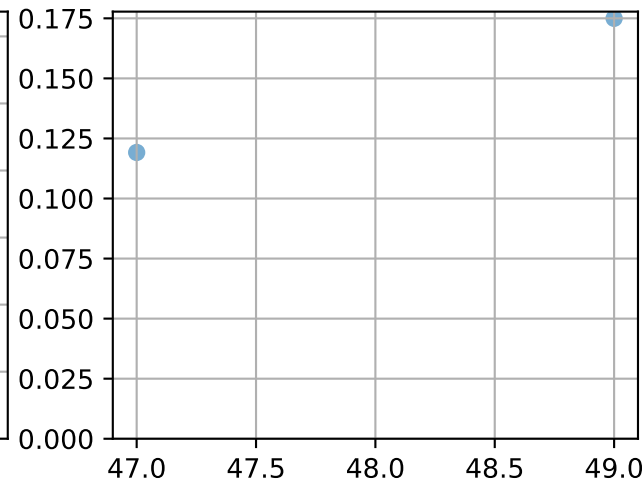
P3-2-55-28L10 (fit failed)



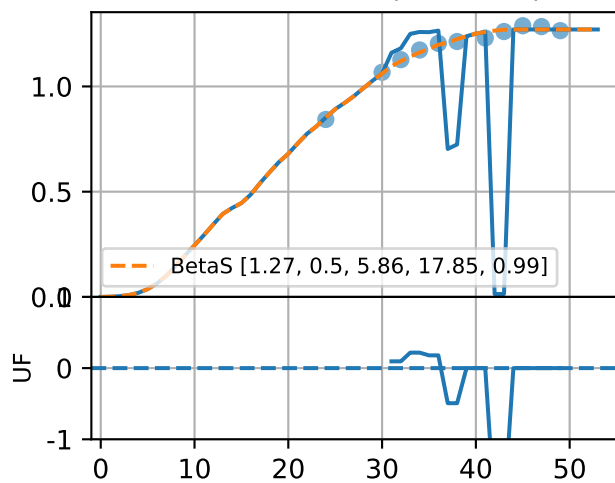
P3-2-55-28L13 (fit failed)



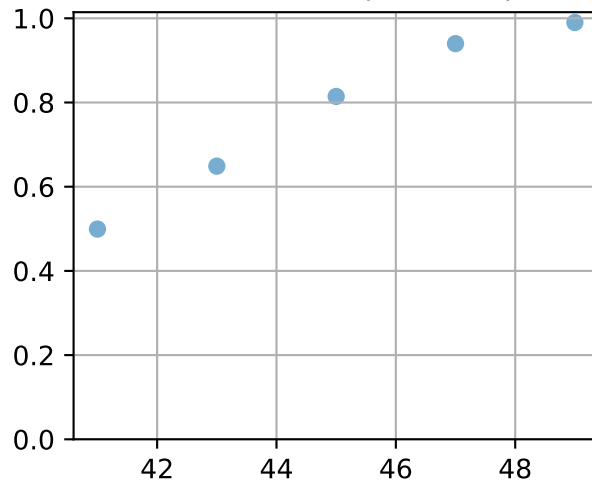
P3-2-55-28L16 (fit failed)



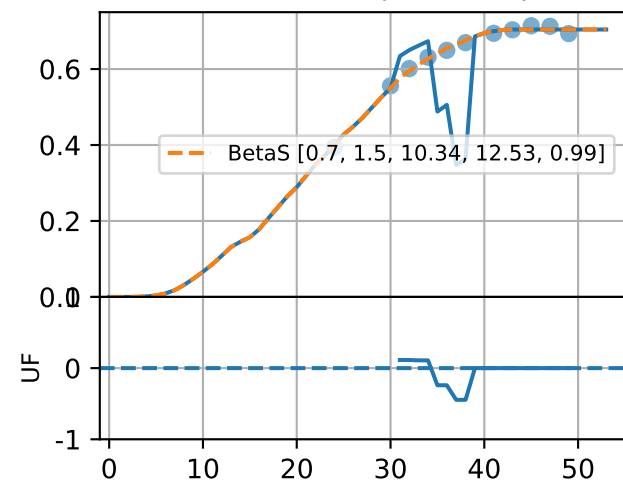
P3-2-55-28L7 (fit failed)



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

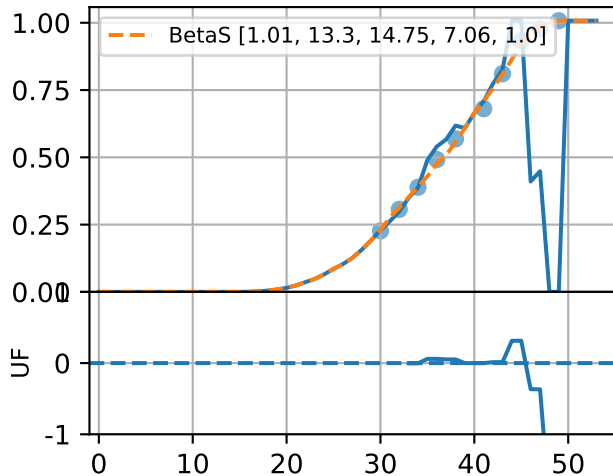


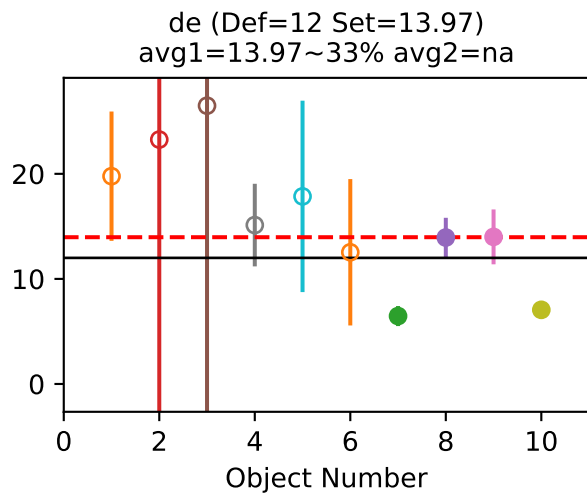
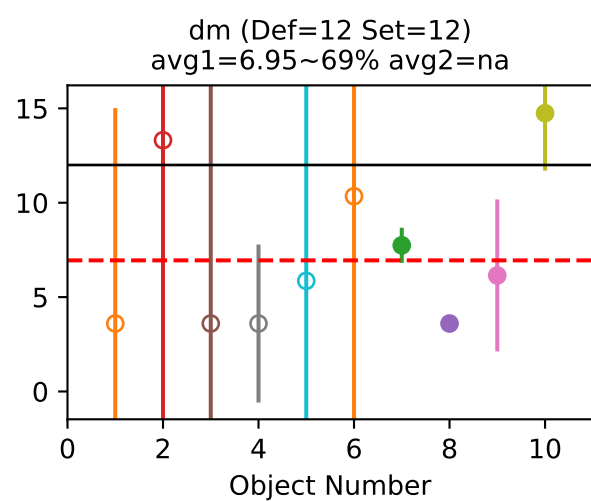
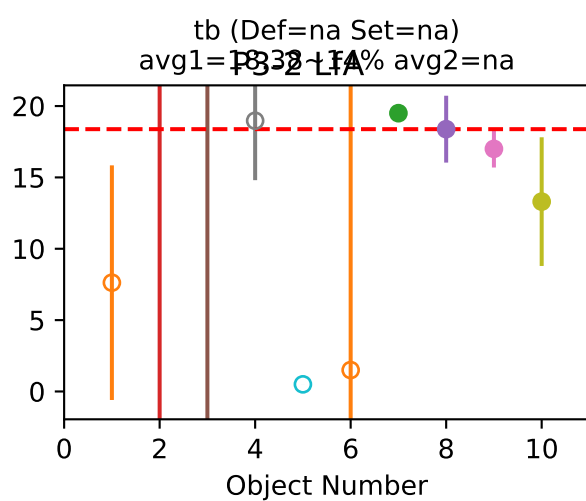
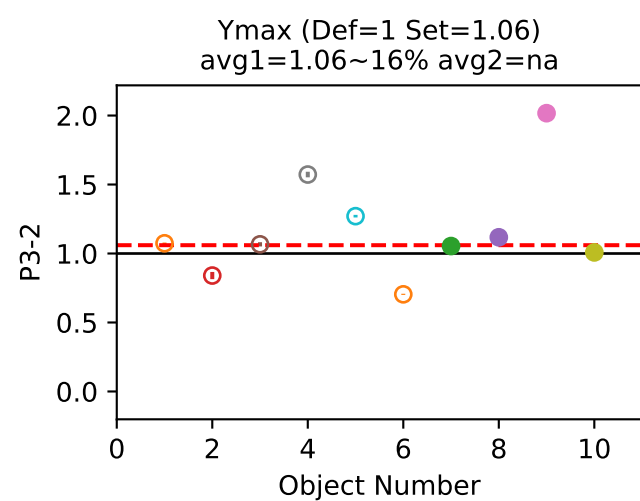
P3-2-9-8L6 (fit failed)



P3-2-9-8L9

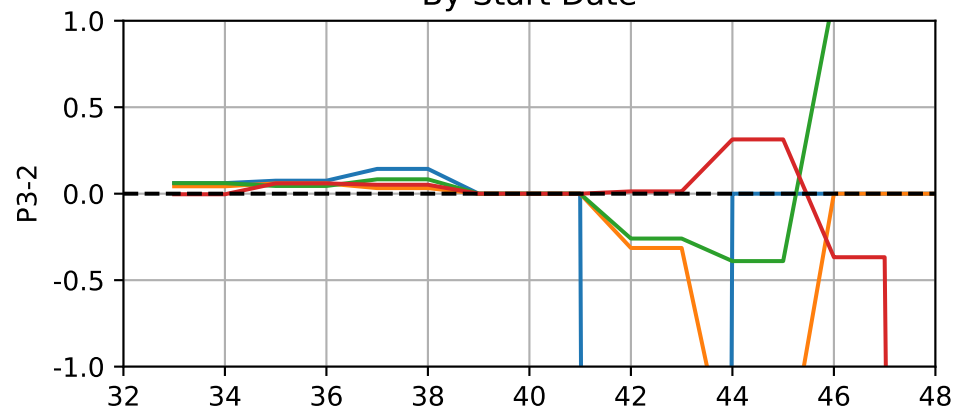
LfA



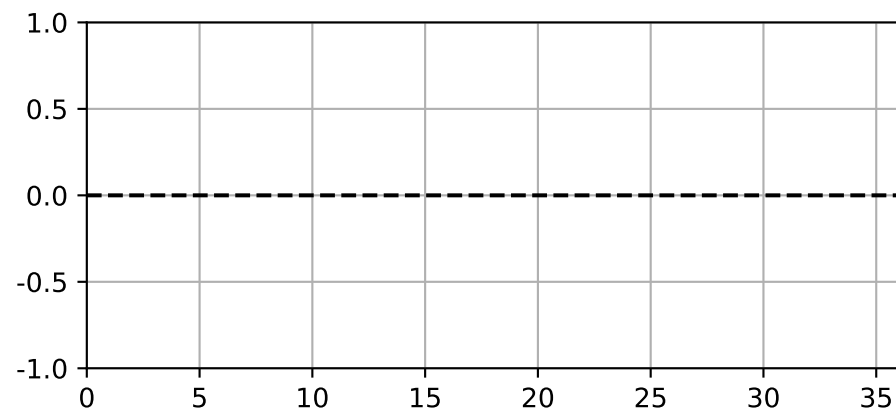
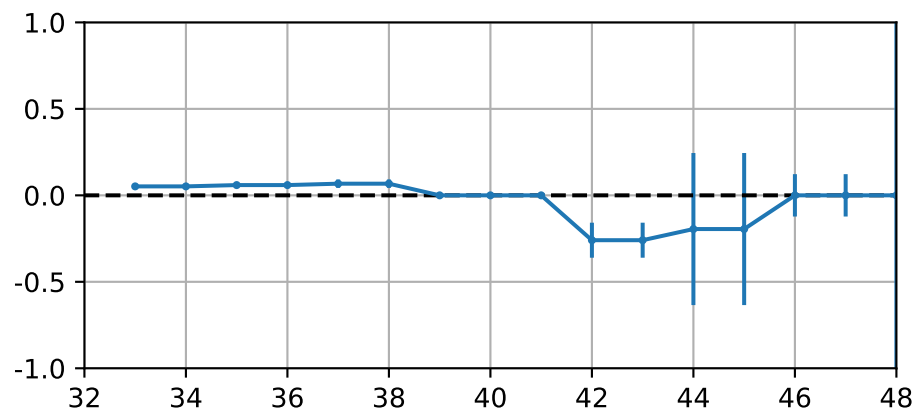
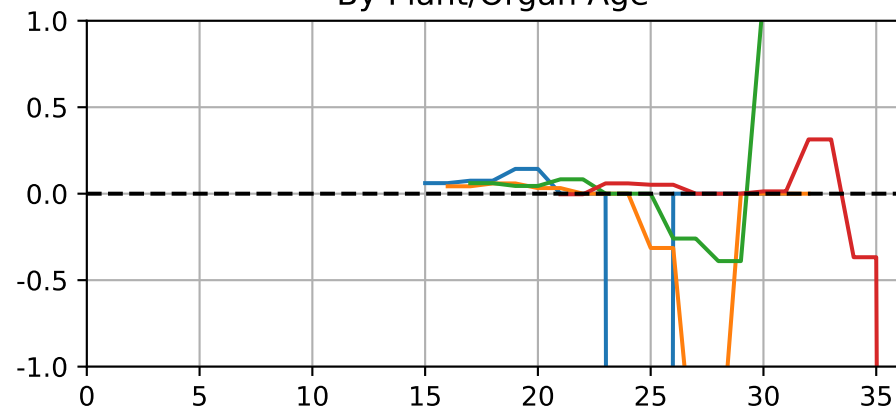


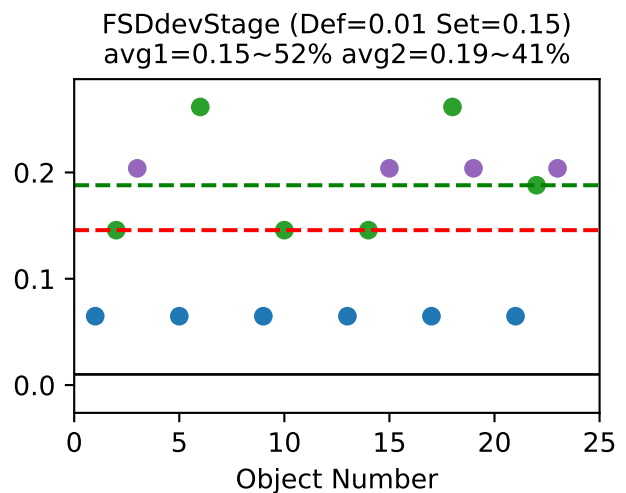
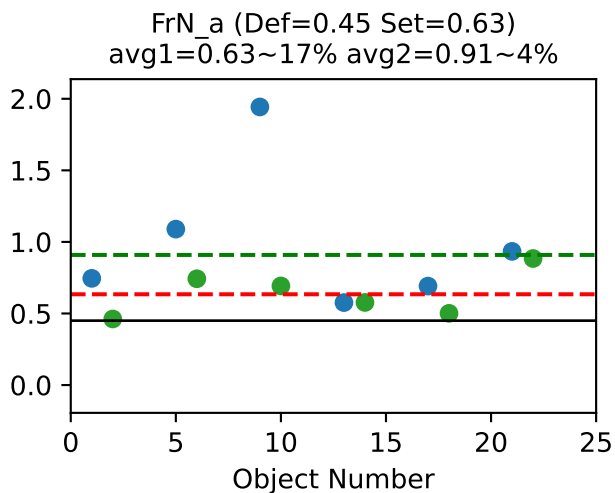
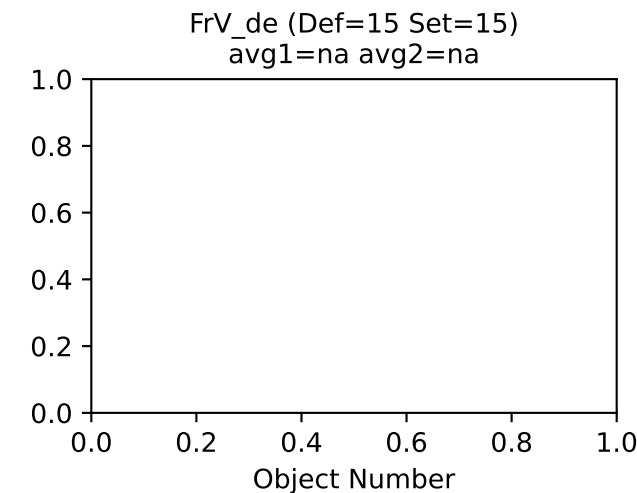
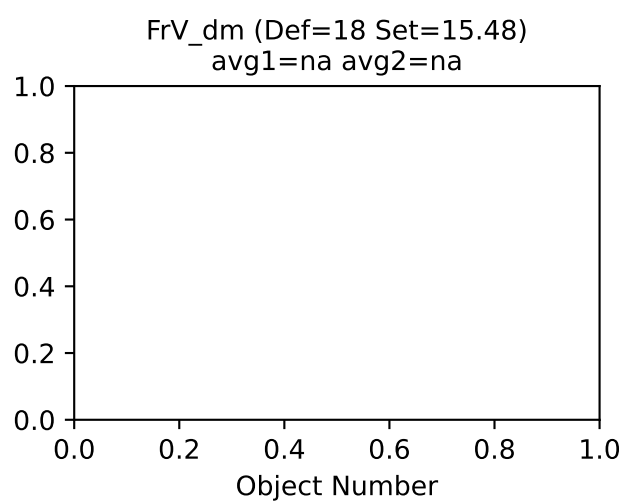
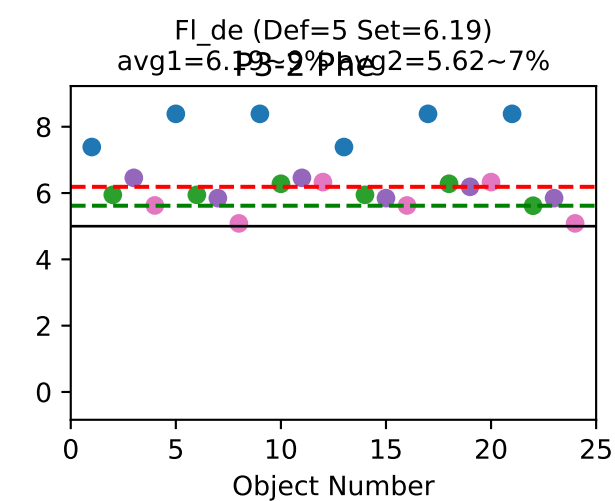
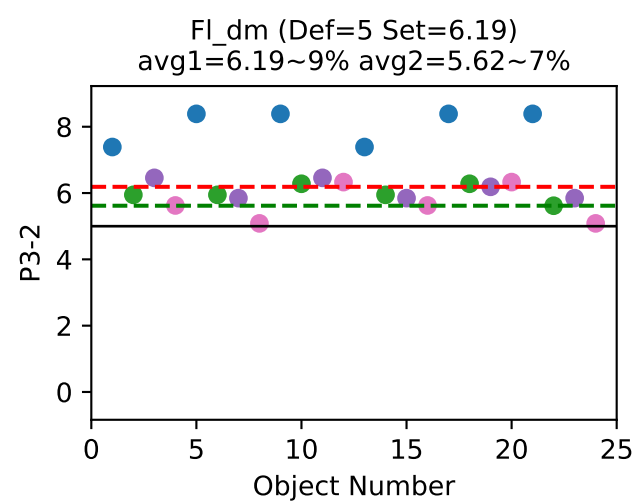
LfA

By Start Date

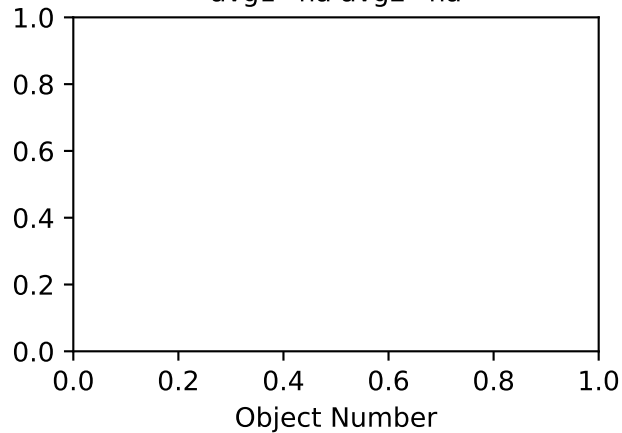


By Plant/Organ Age

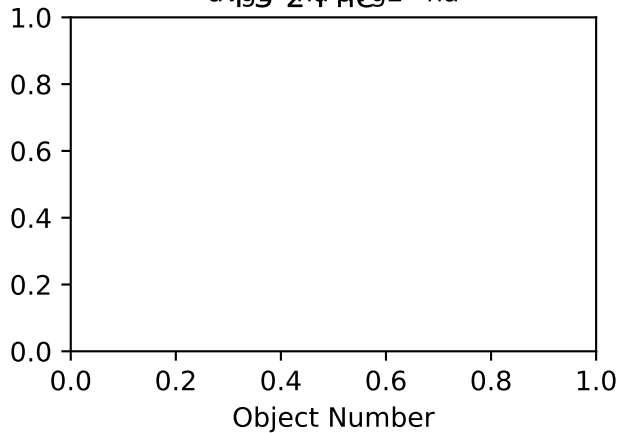




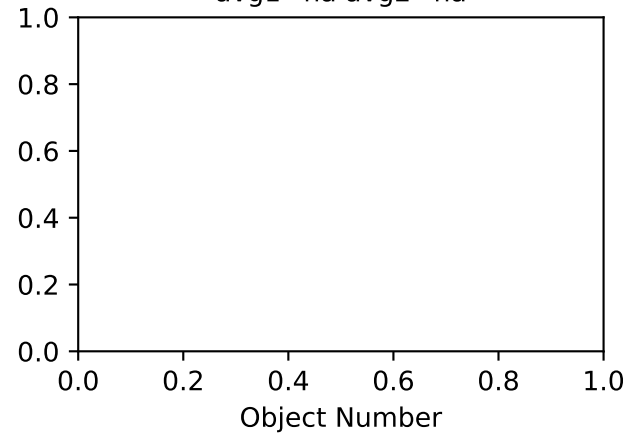
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



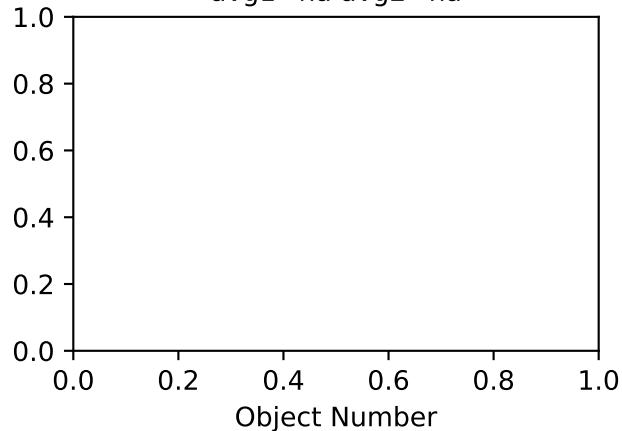
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



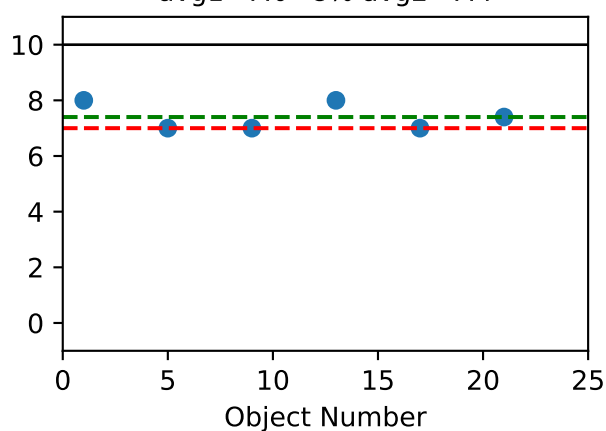
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

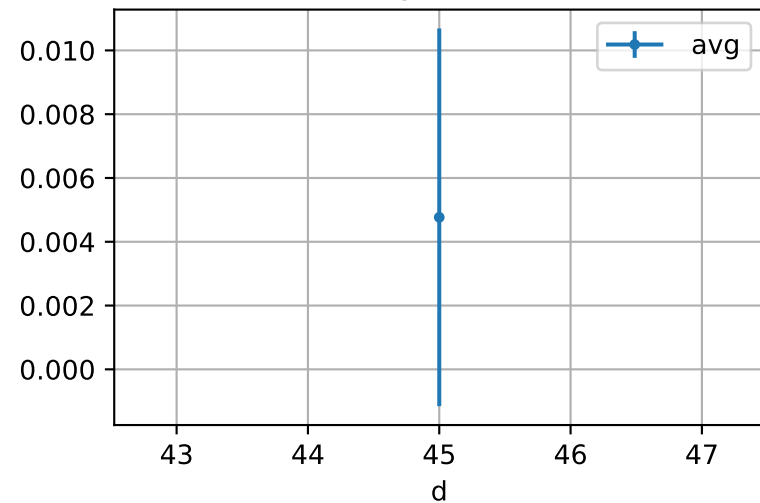


NNgen (Def=10 Set=7)
avg1=7.0~8% avg2=7.4

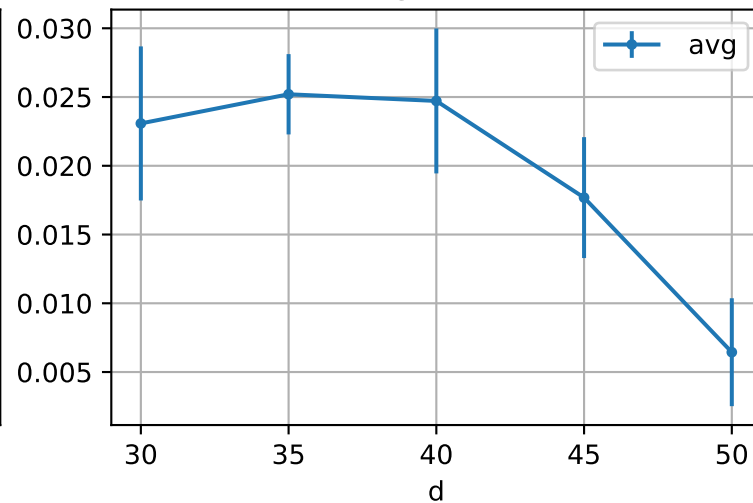


LfA: avg vs. d at each age group

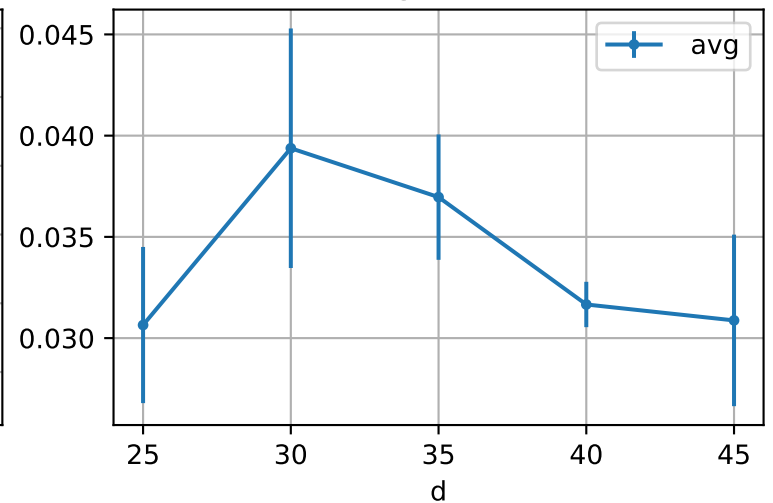
age=15



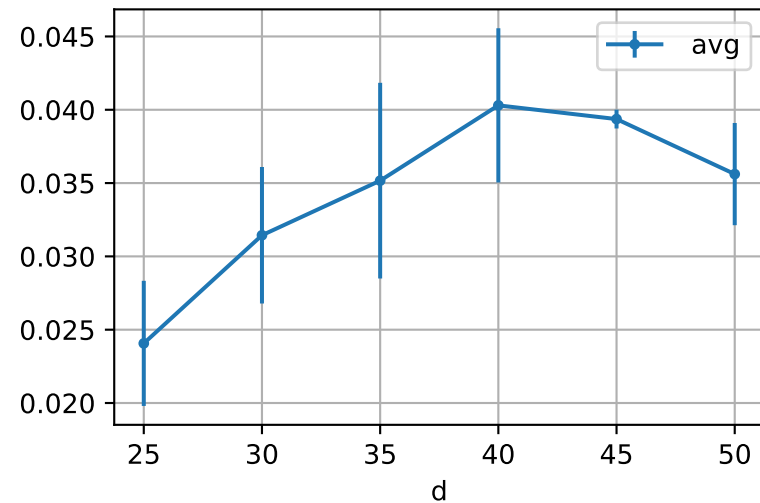
age=20



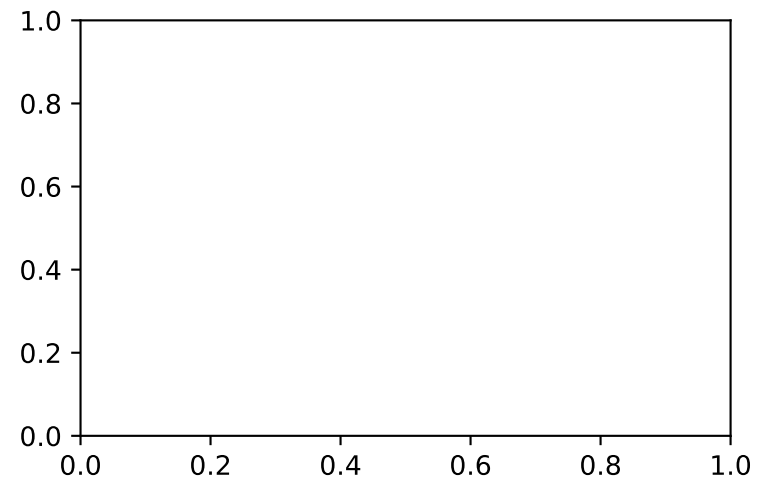
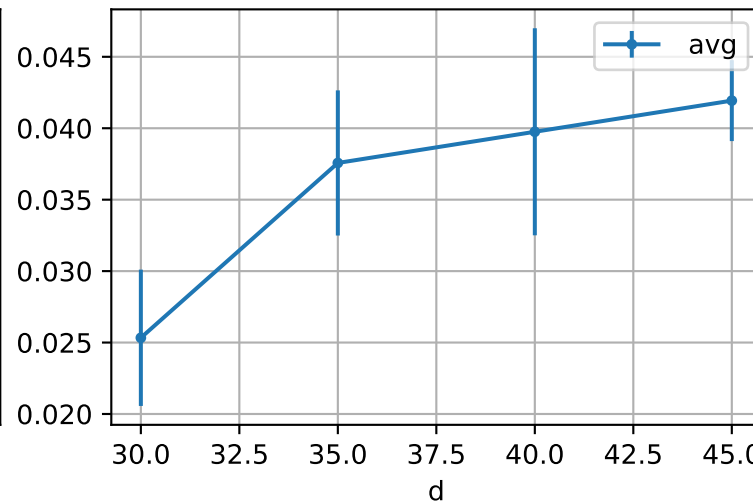
age=25



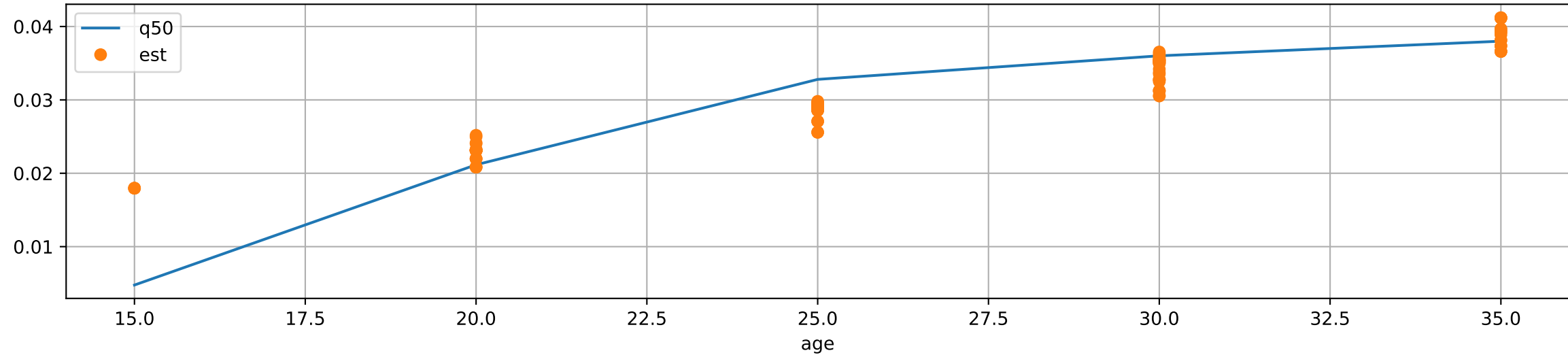
age=30



age=35

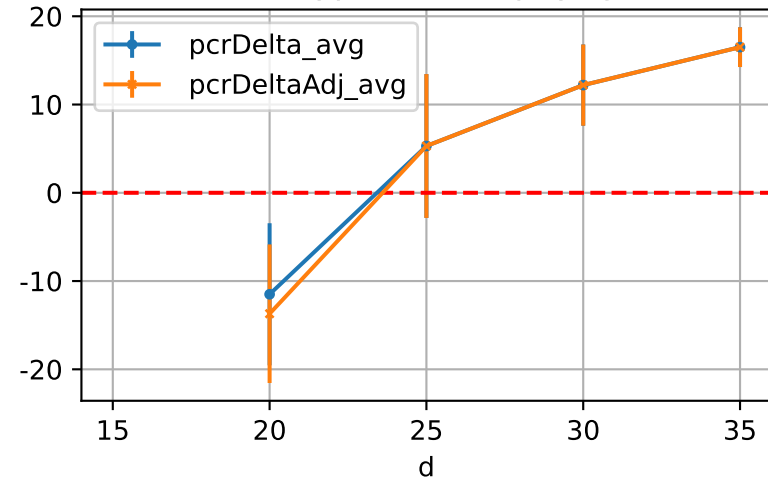


LfA: model est vs obsOv@Q50

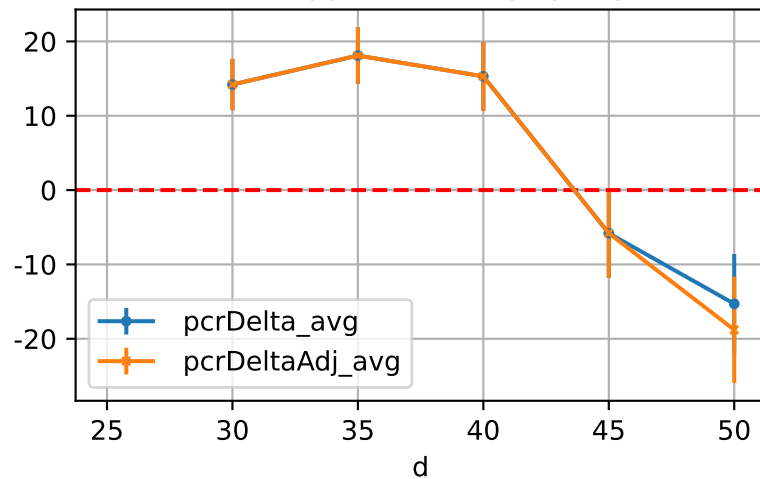


P3-2 LfA: D_5d_LfA

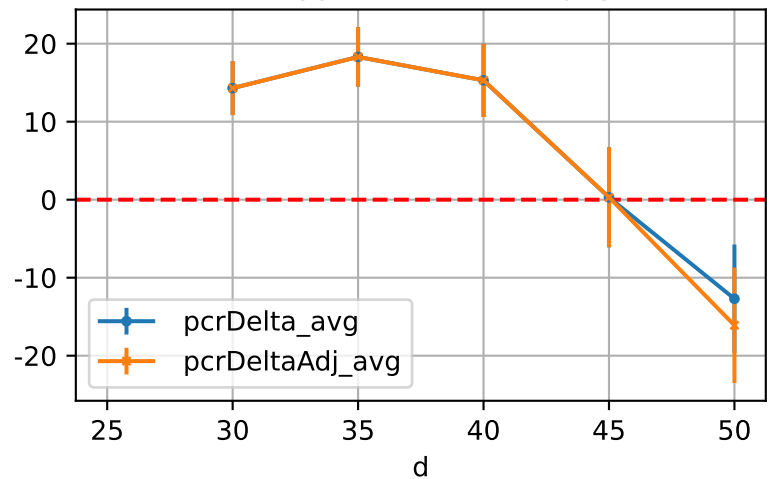
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

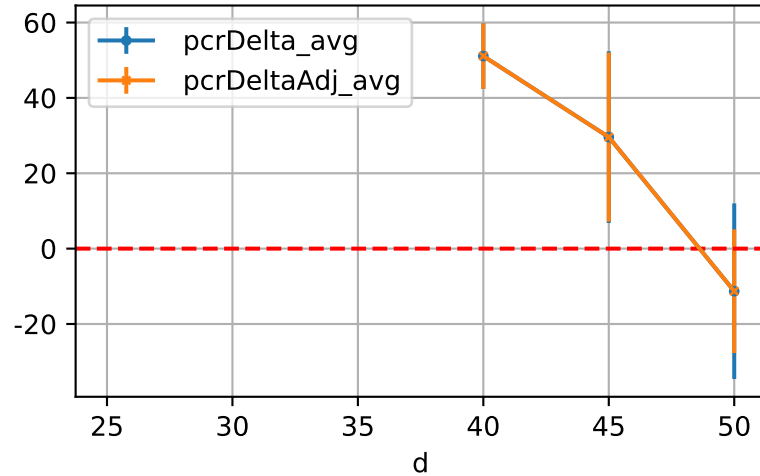


DeltaTypeAbbr=WeiAvgByD

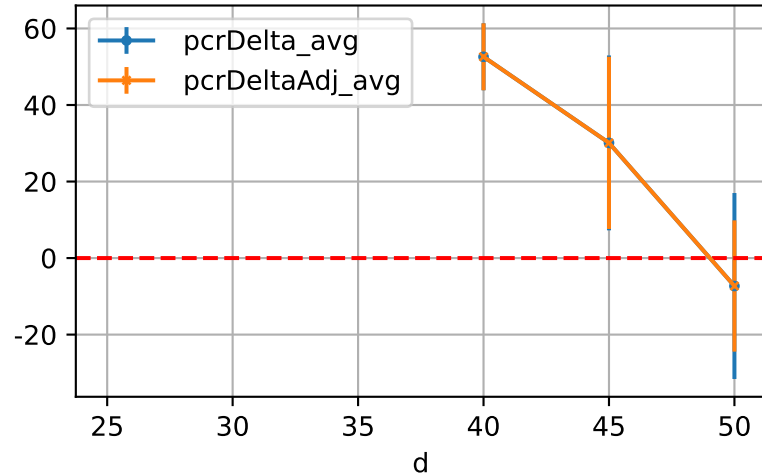


P3-2 LfA: D_15d_LfA

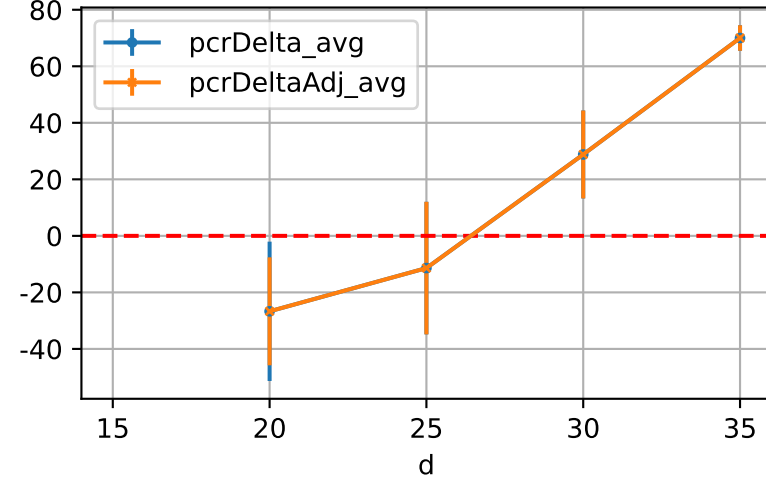
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

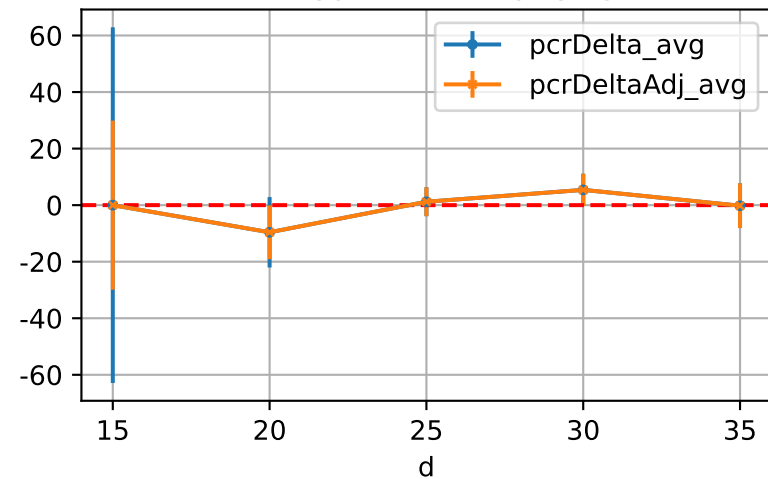


DeltaTypeAbbr=GrpByAge

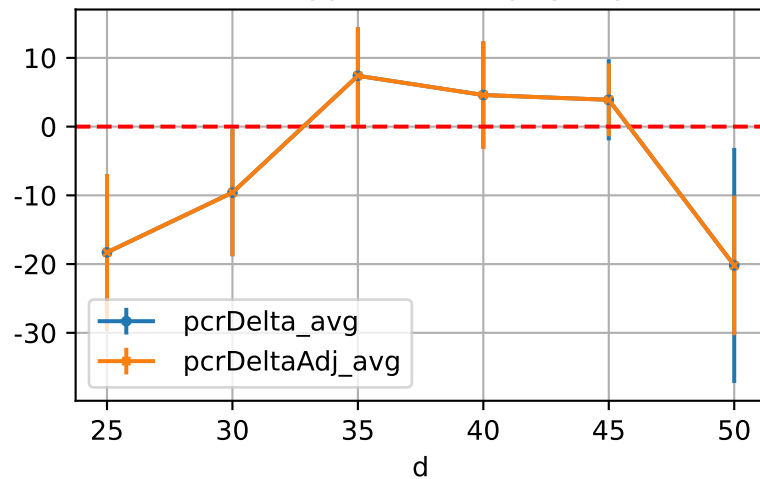


P3-2 LfA: D_Q50_LfA

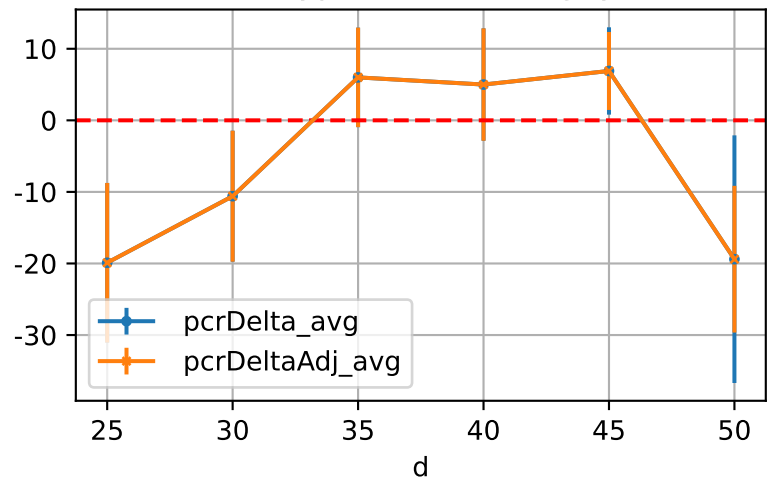
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

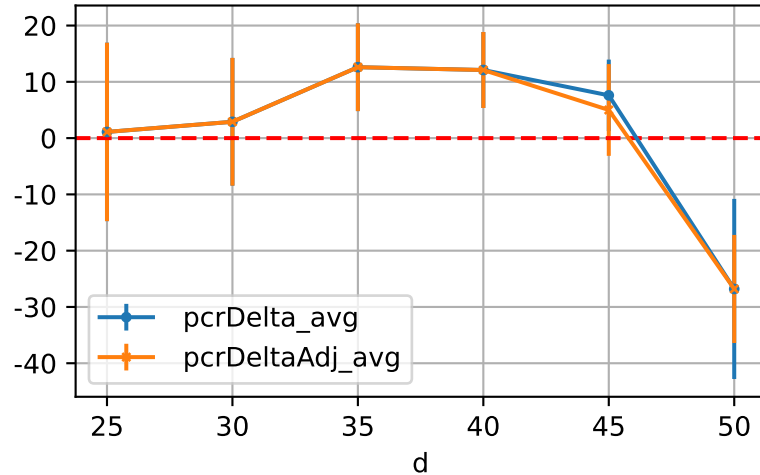


DeltaTypeAbbr=WeiAvgByD

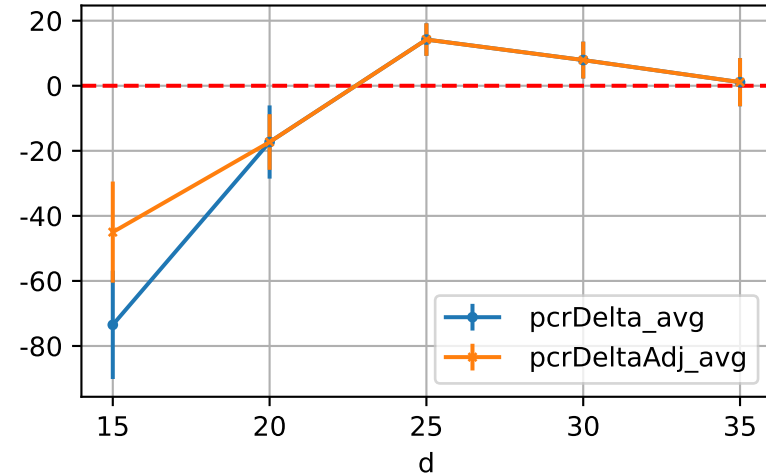


P3-2 LfA: D_Est_LfA

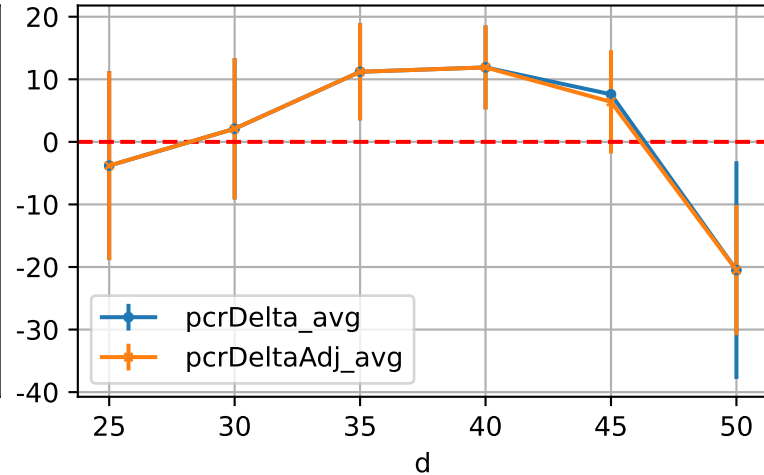
DeltaTypeAbbr=GrpByDay



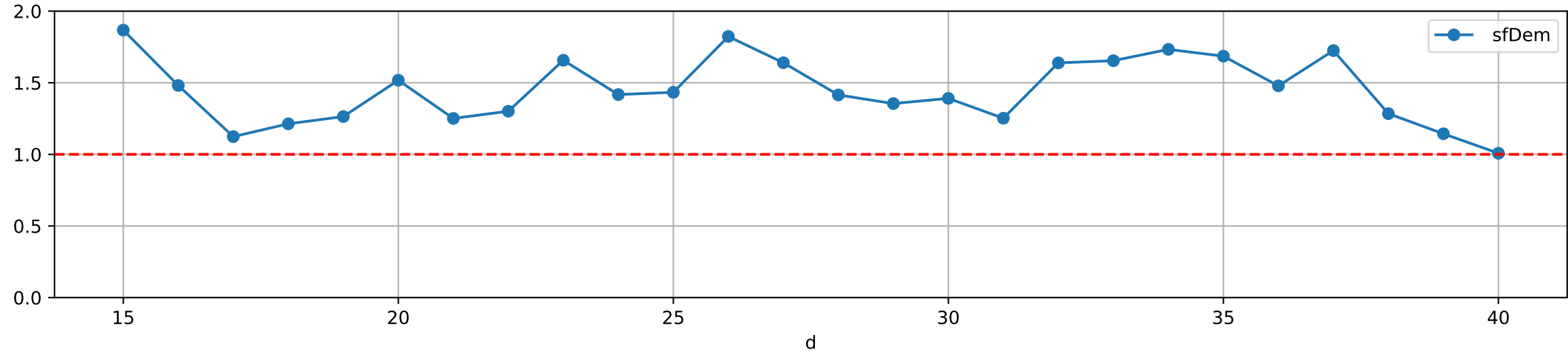
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=WeiAvgByD



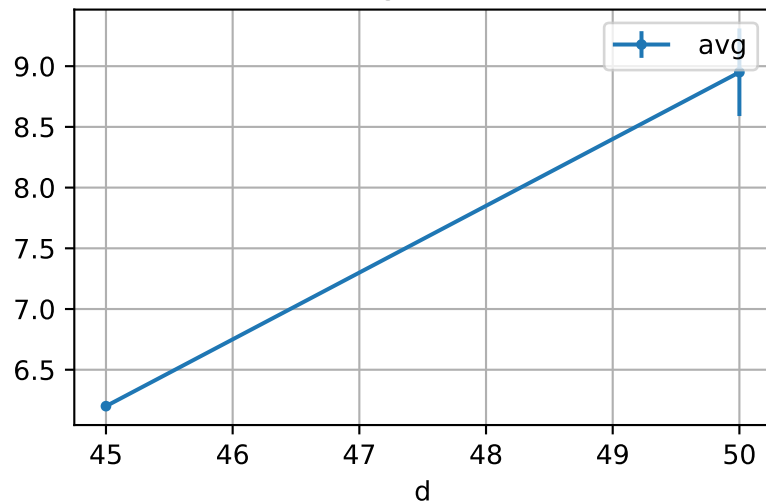
LfA: sfDem



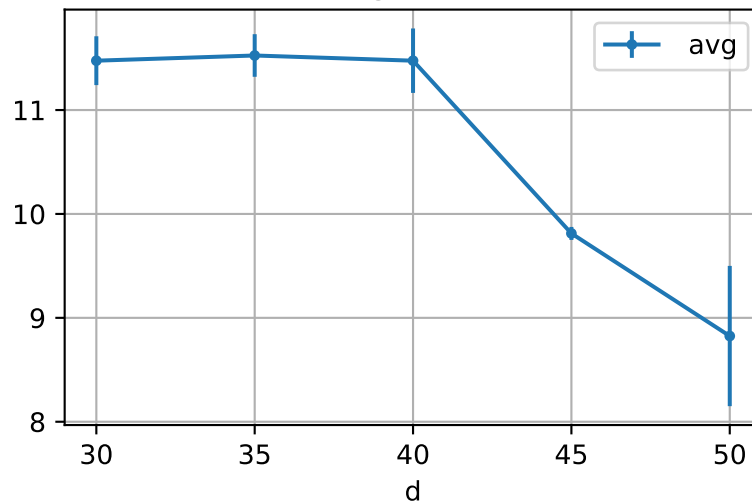


NdD: avg vs. d at each age group

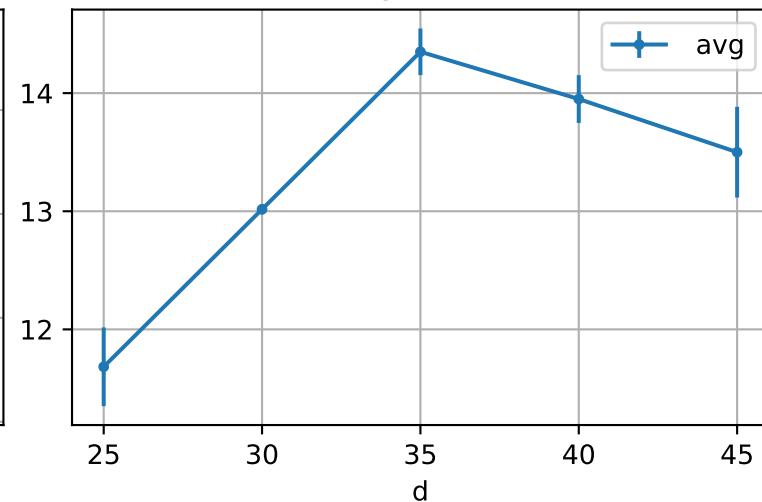
age=15



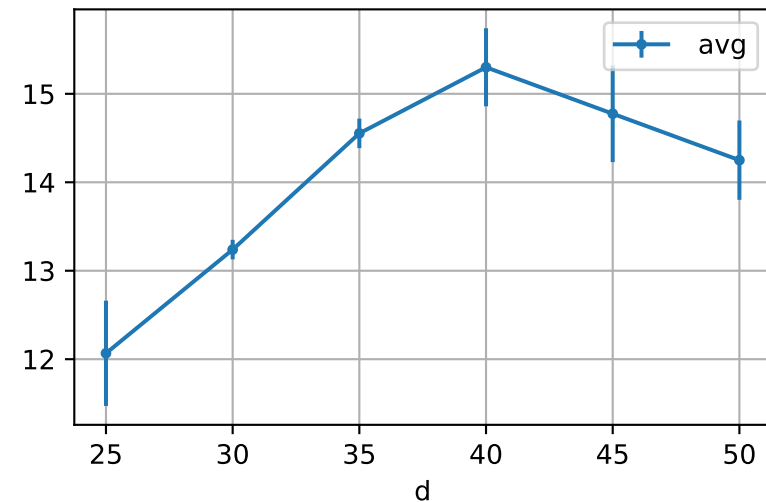
age=20



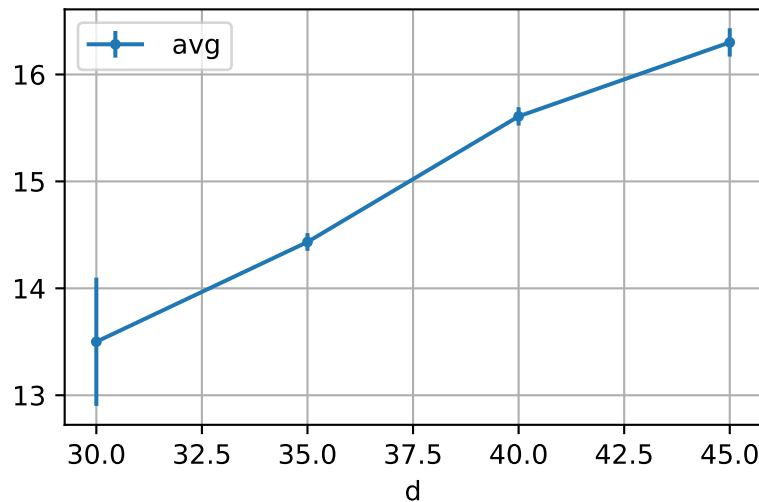
age=25



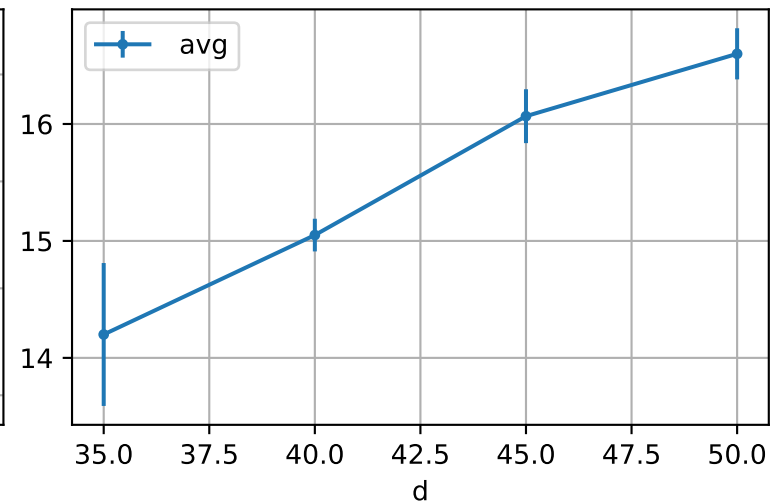
age=30



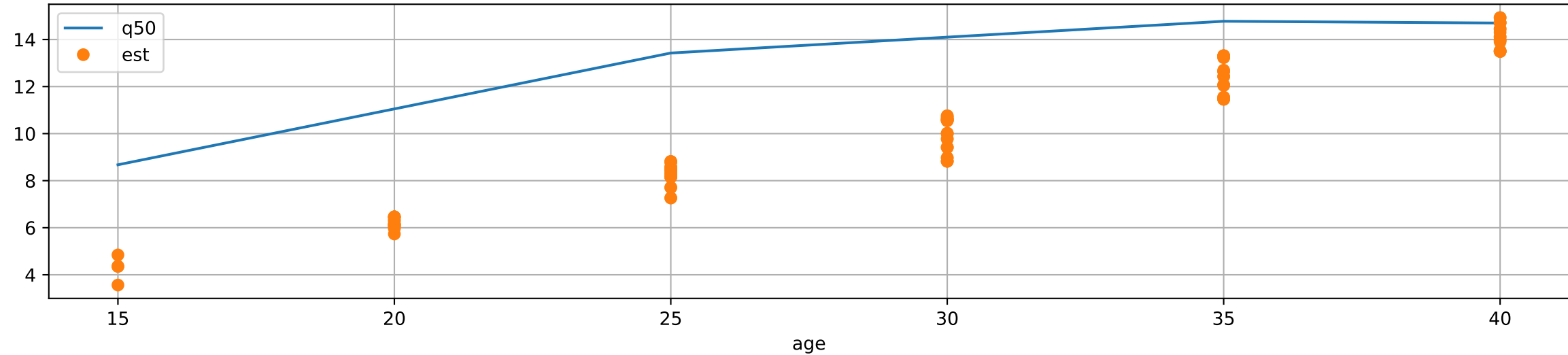
age=35



age=40

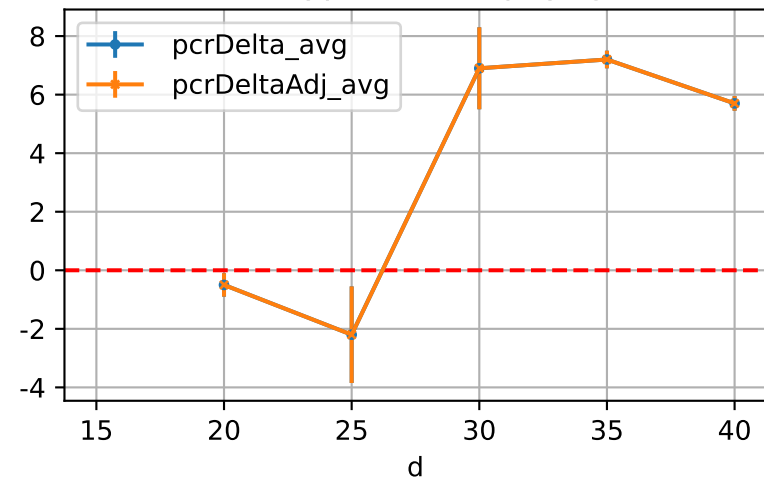


NdD: model est vs obsOv@Q50

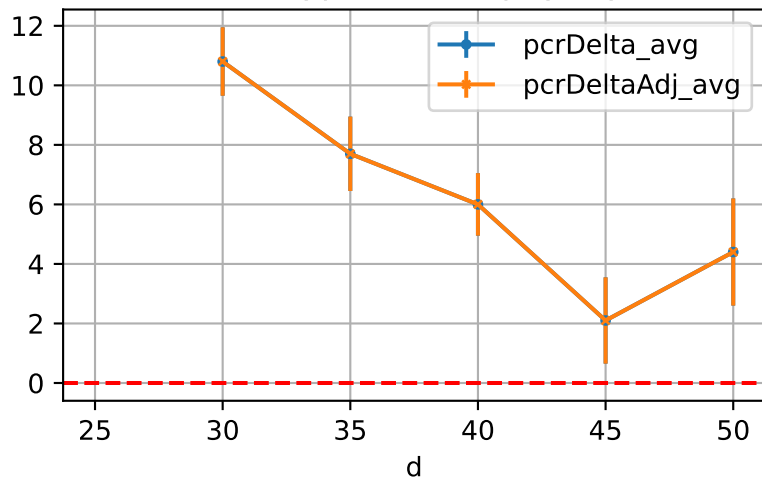


P3-2 NdD: D_5d_NdD

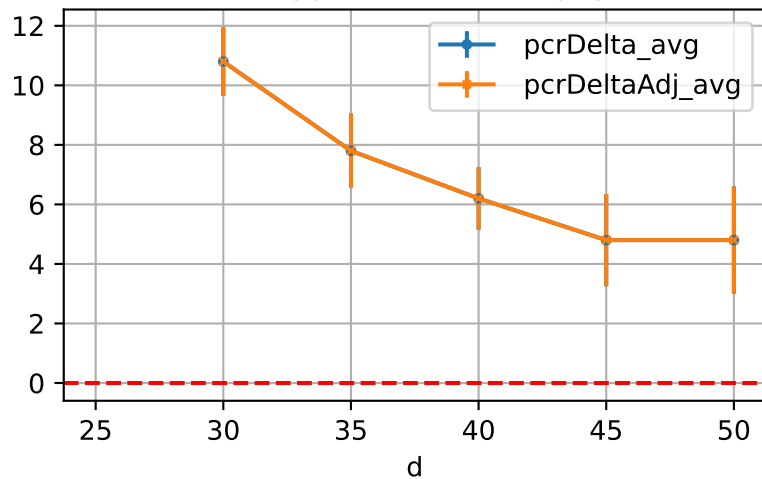
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

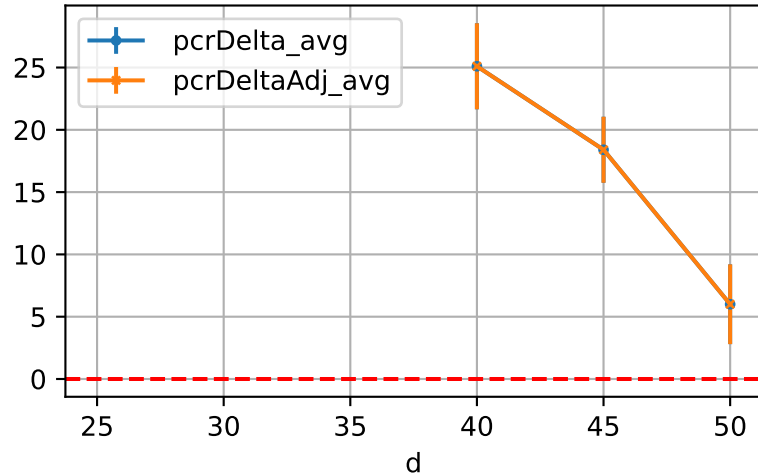


DeltaTypeAbbr=WeiAvgByD

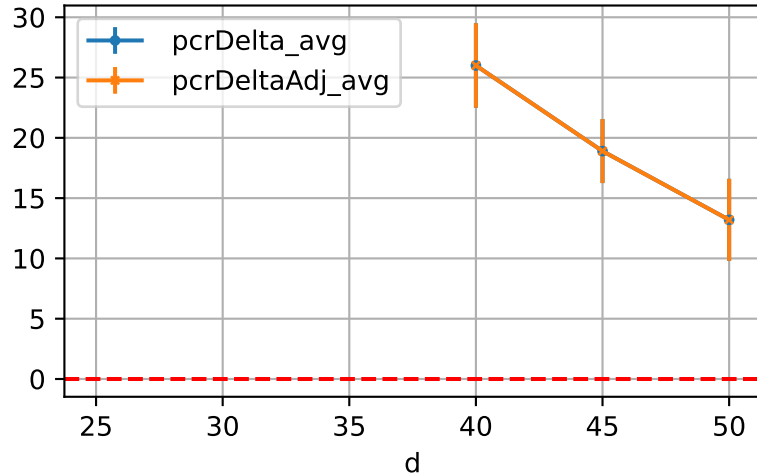


P3-2 NdD: D_15d_NdD

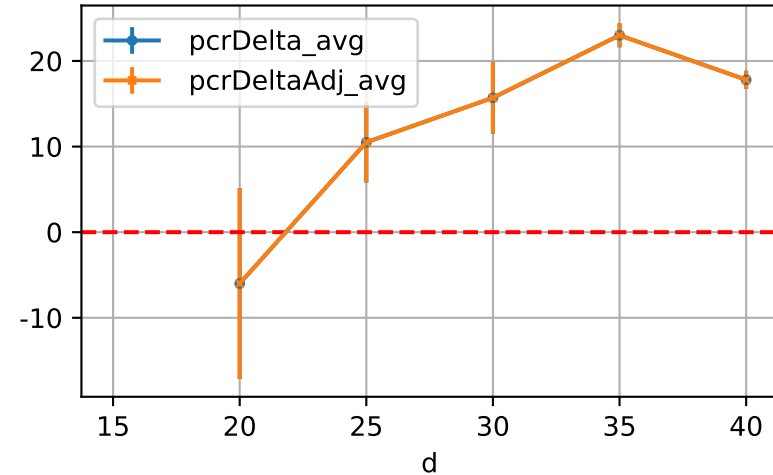
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

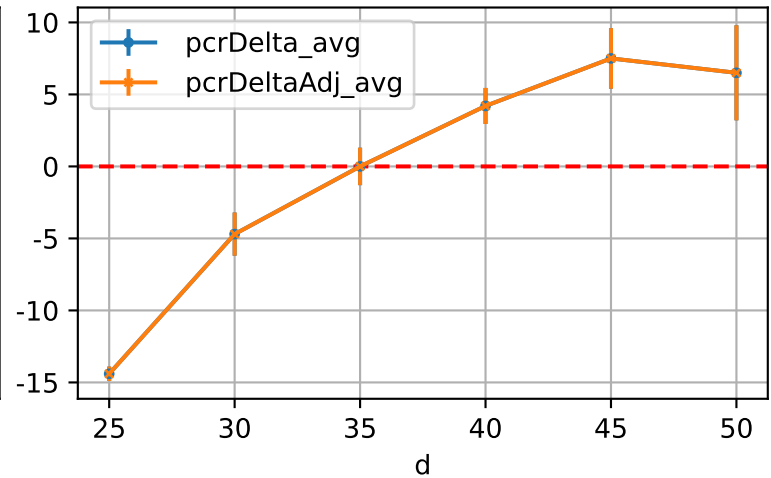
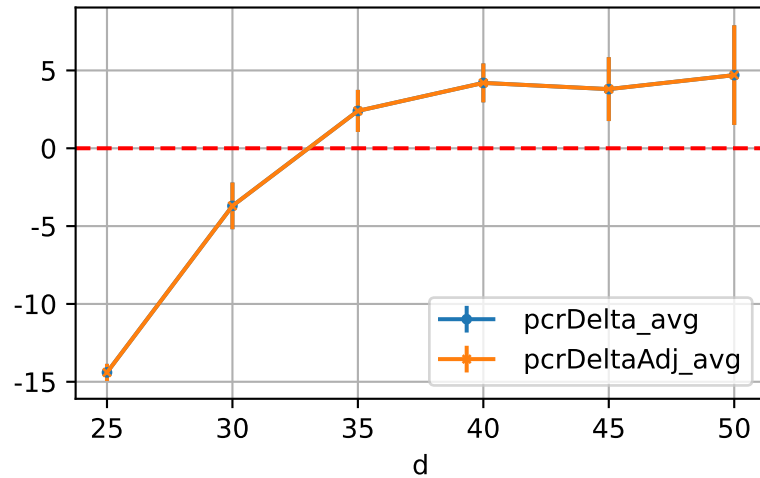
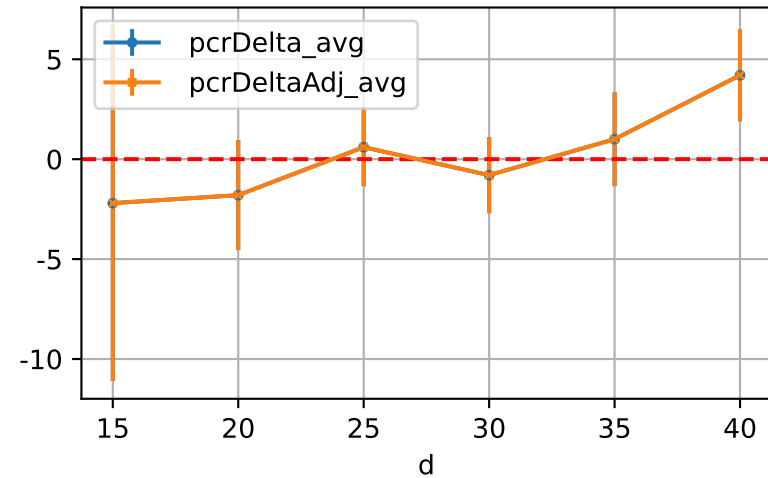


DeltaTypeAbbr=GrpByAge



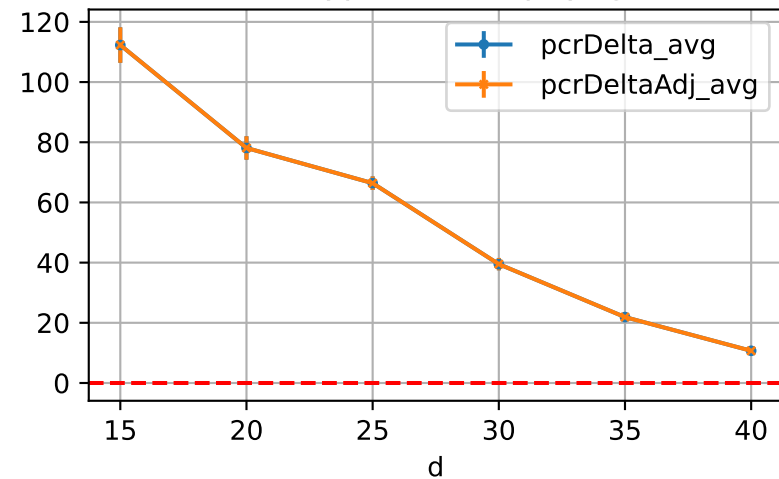
P3-2 NdD: D_Q50_NdD

DeltaTypeAbbr=GrpByAge

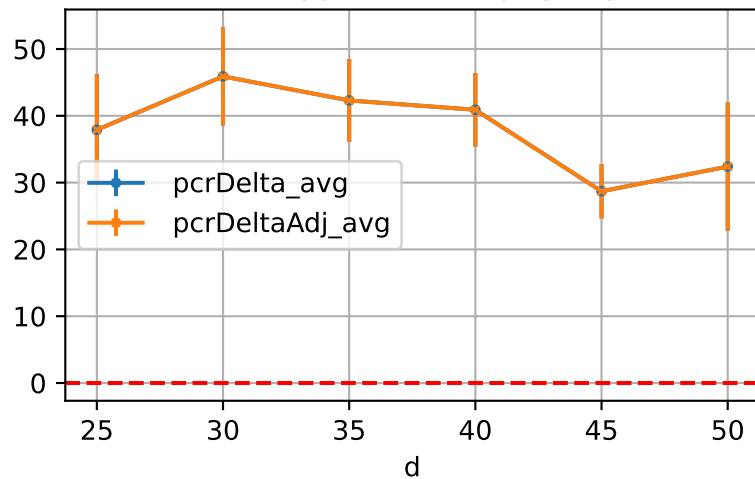


P3-2 NdD: D_Est_NdD

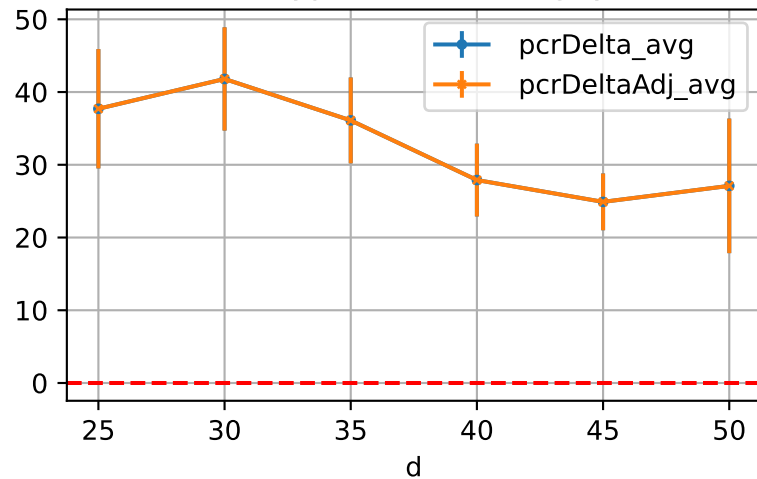
DeltaTypeAbbr=GrpByAge



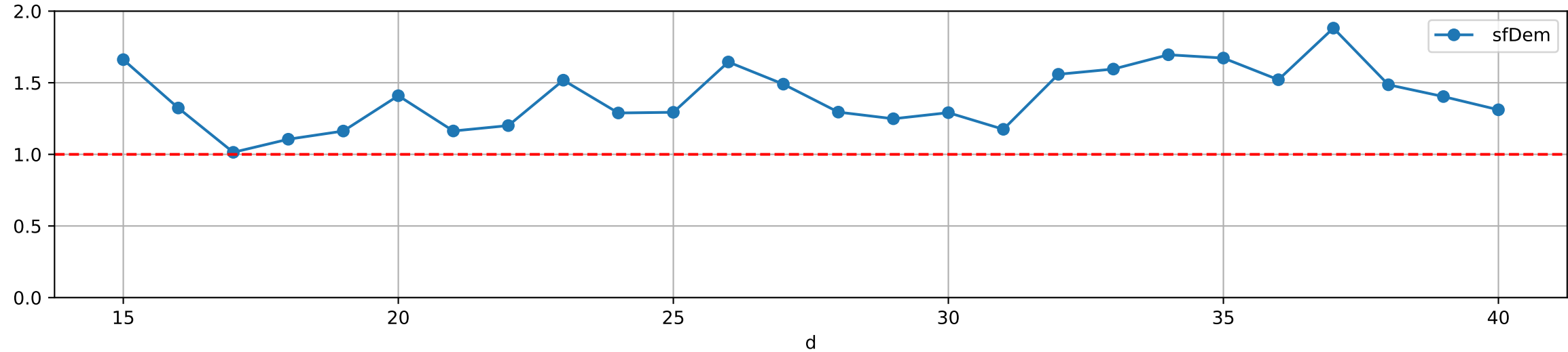
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

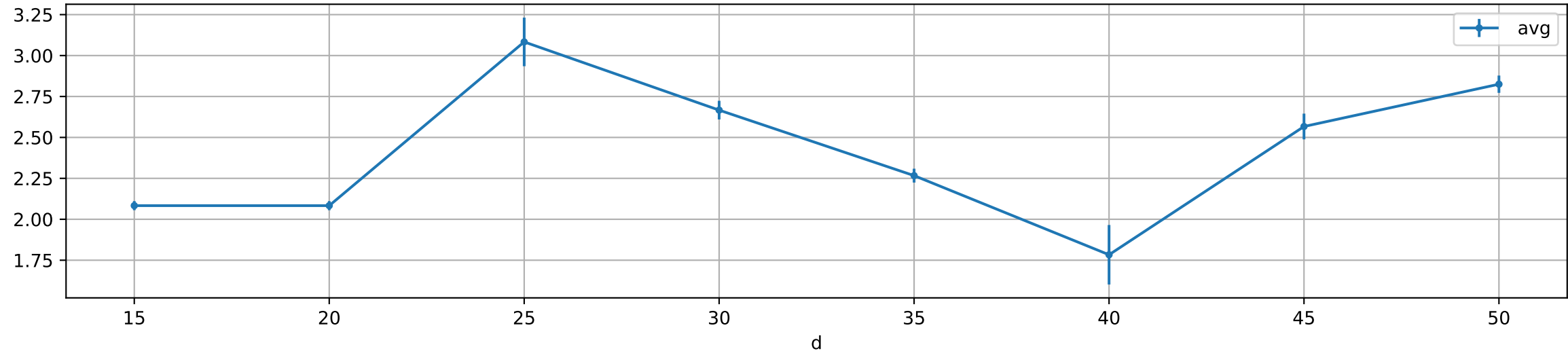


NdD: sfDem

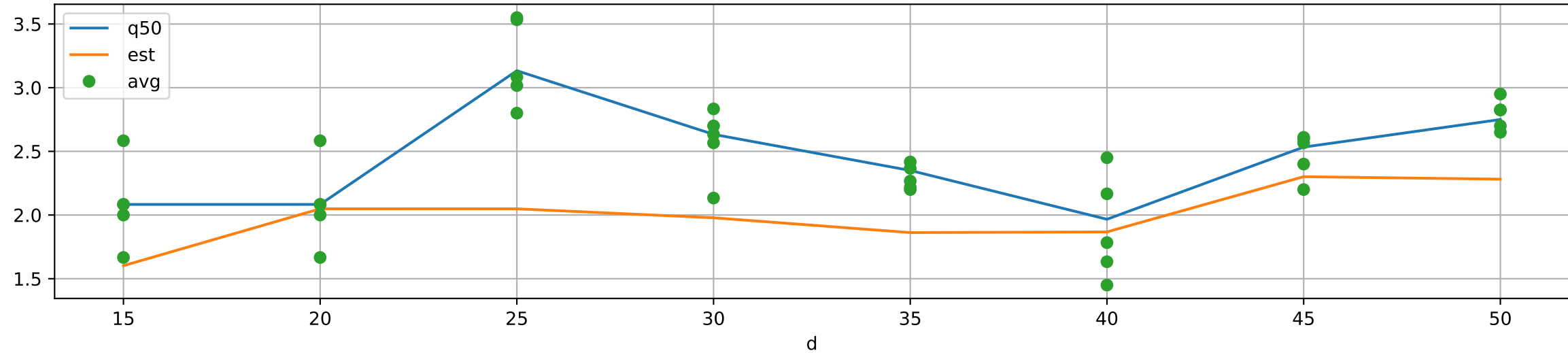




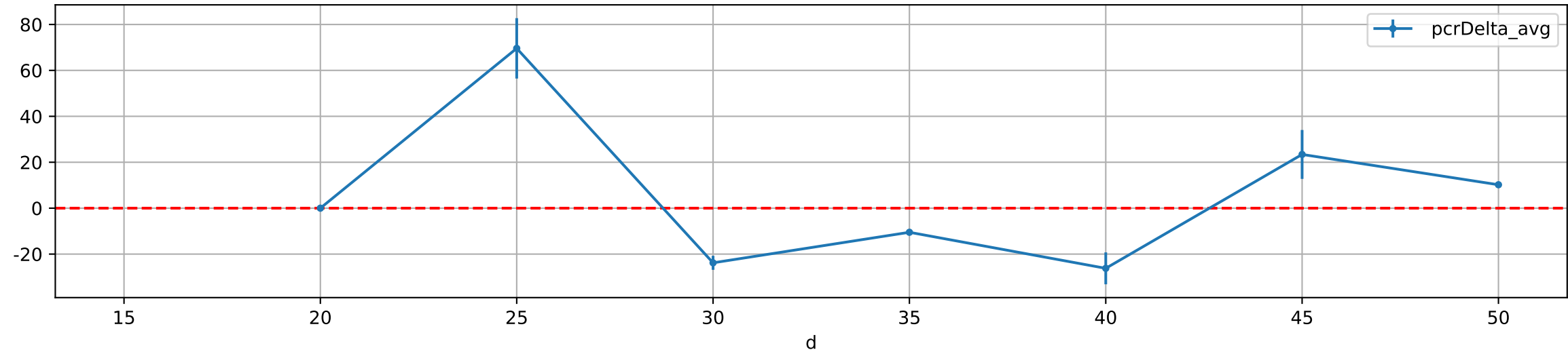
dStH: avg vs. d



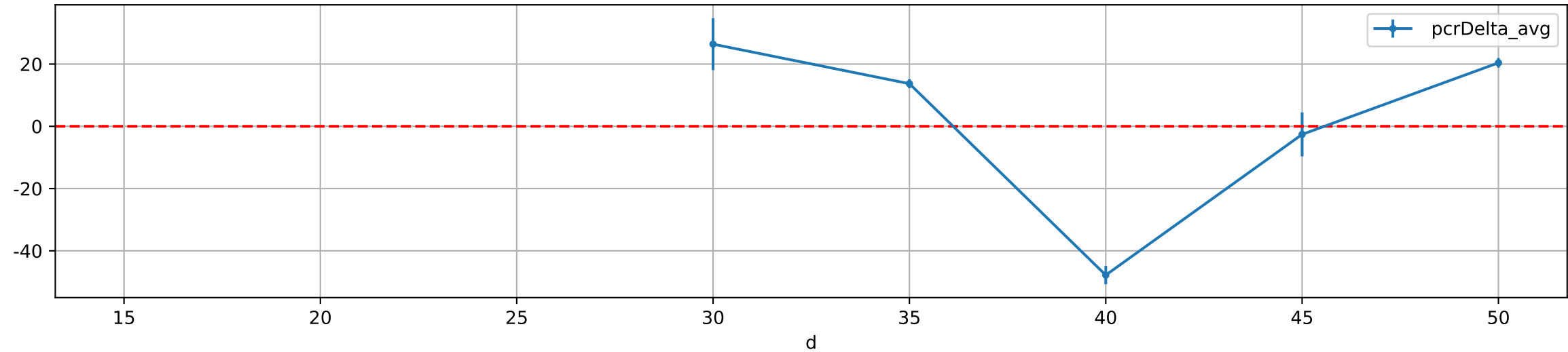
dStH: obsAvg vs obsOv@Q50



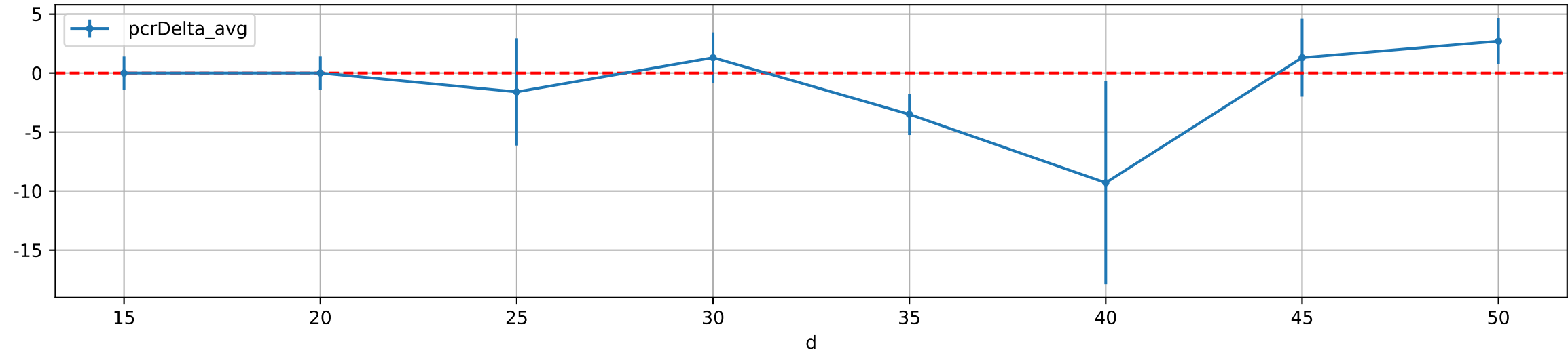
dStH: D_5d_StH



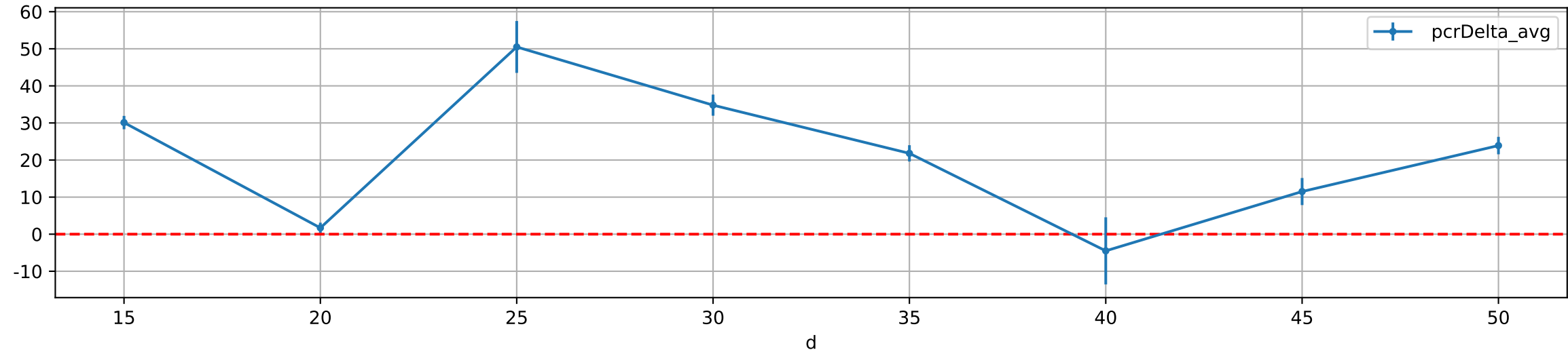
dStH: D_15d_StH



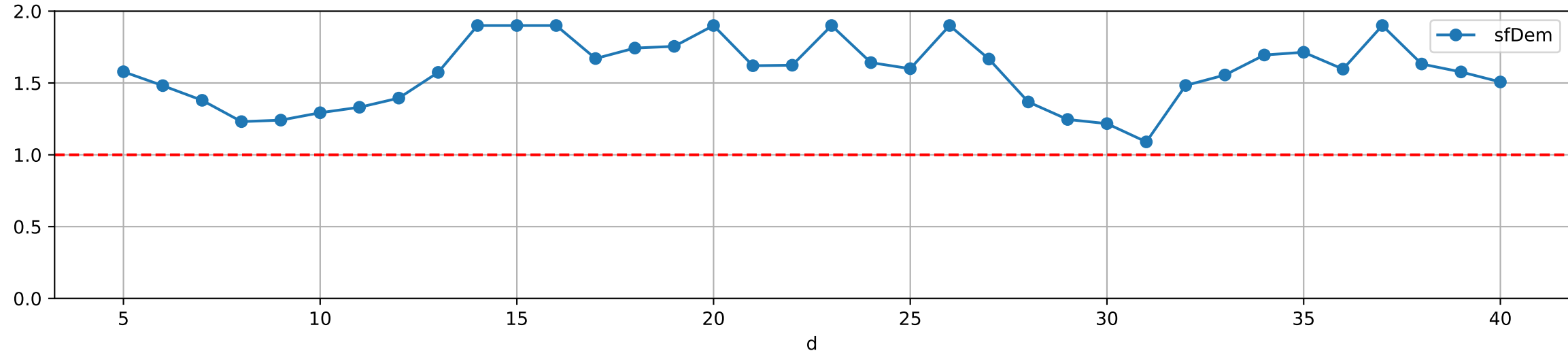
dStH: D_Q50_StH

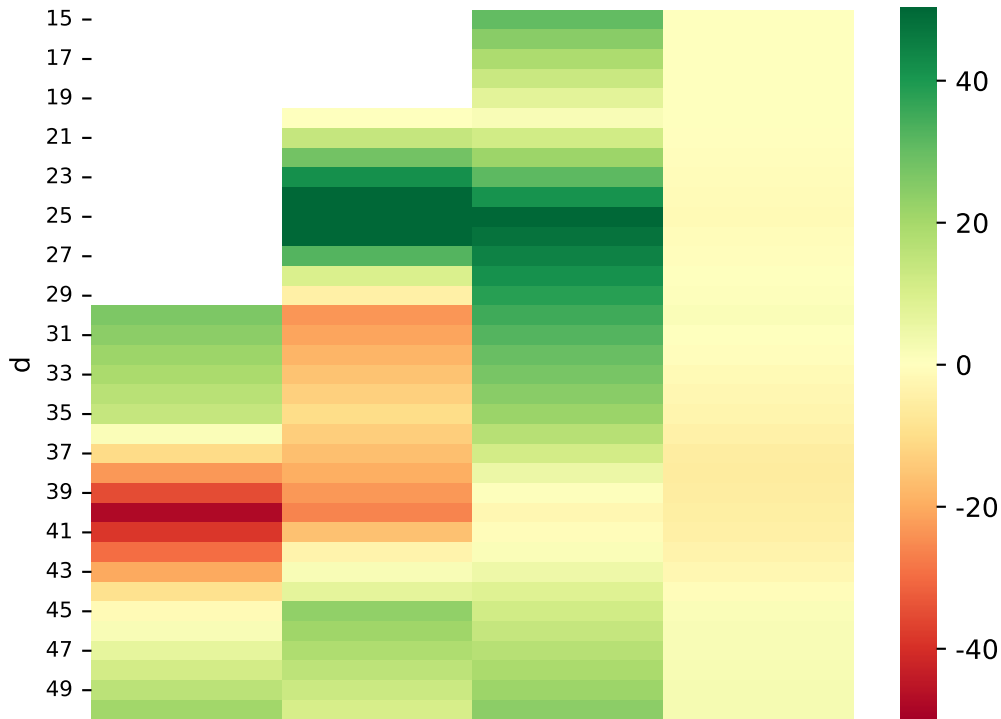


dStH: D_Est_StH



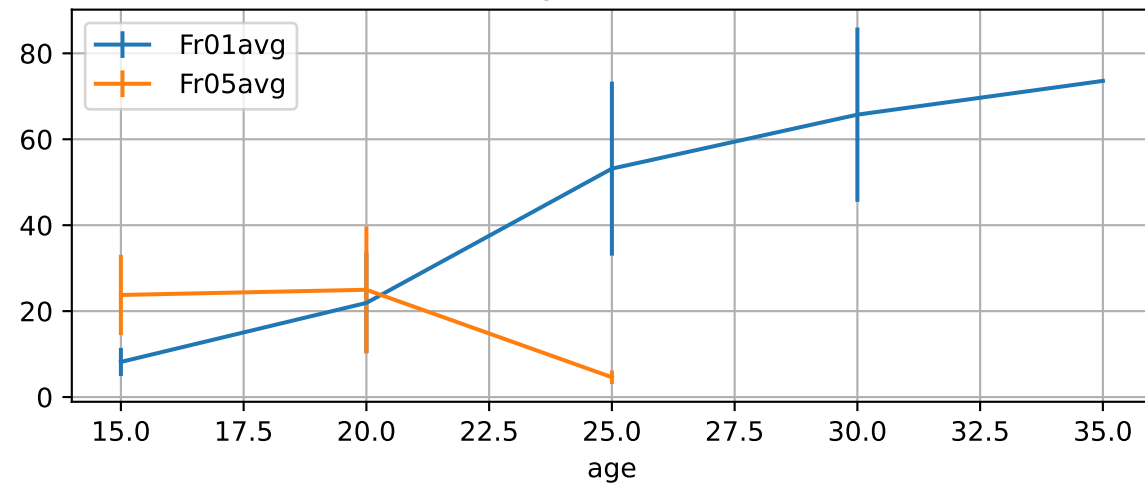
dStH: sfDem



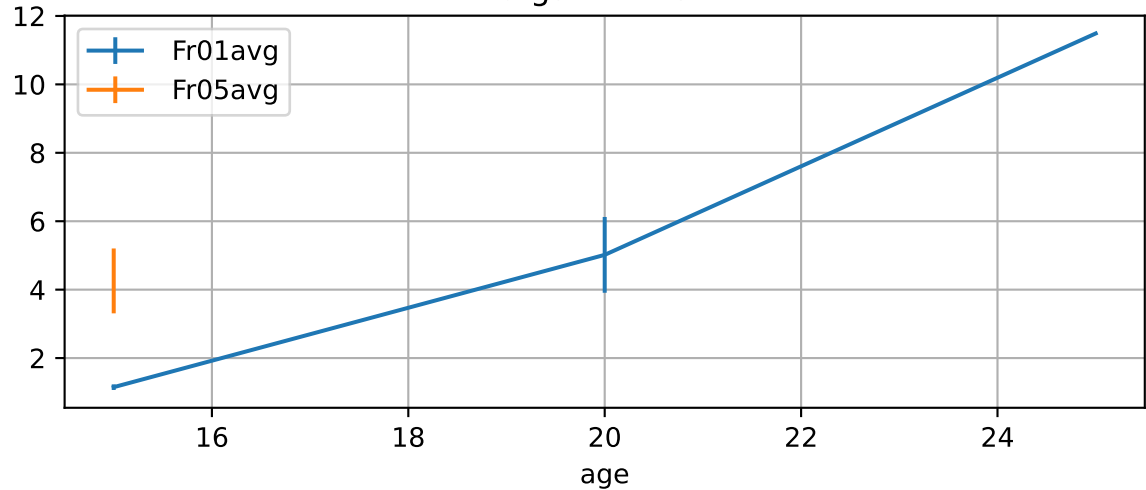


FrV: Fr01 vs Fr05 at each truss

organID=T01

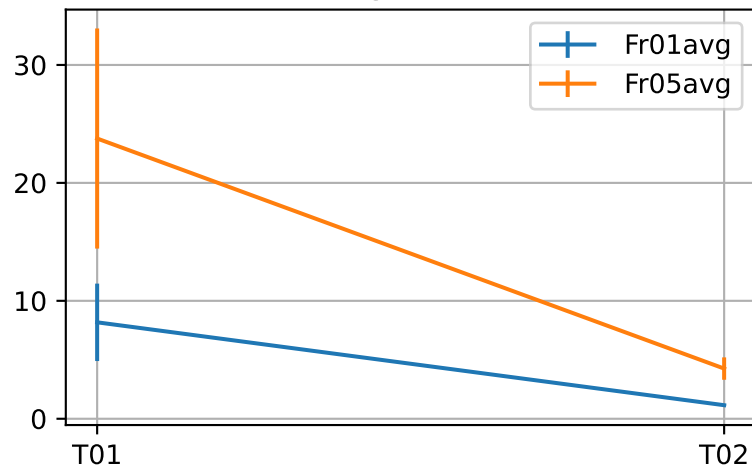


organID=T02

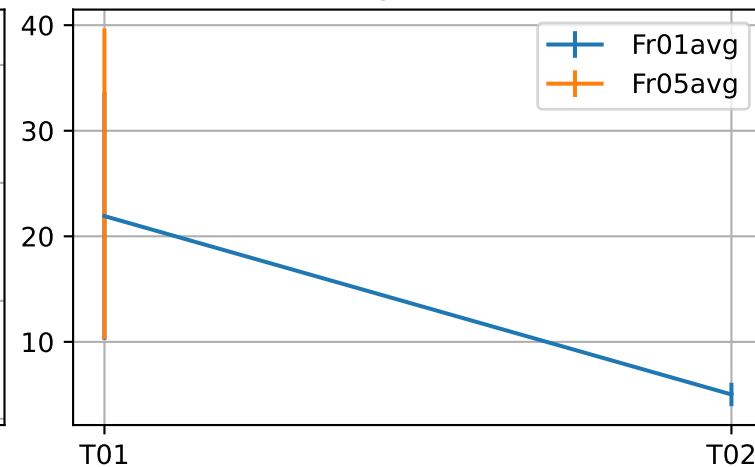


FrV trend at each age

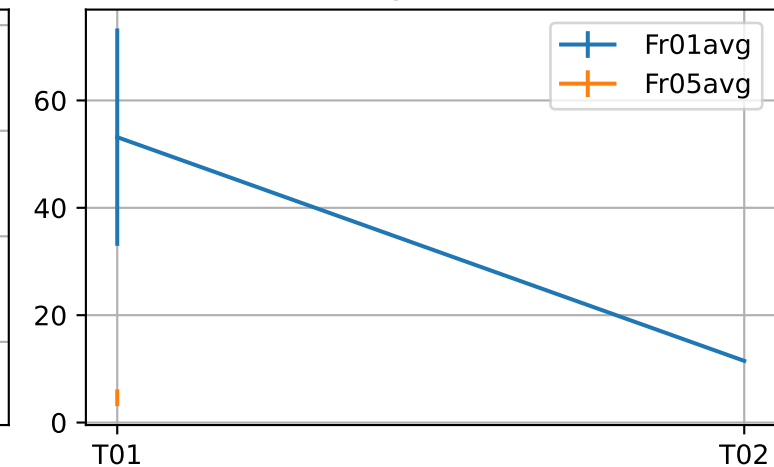
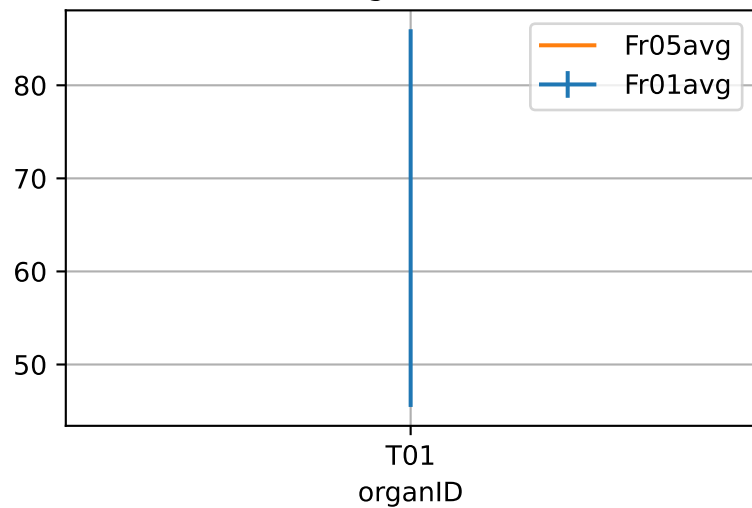
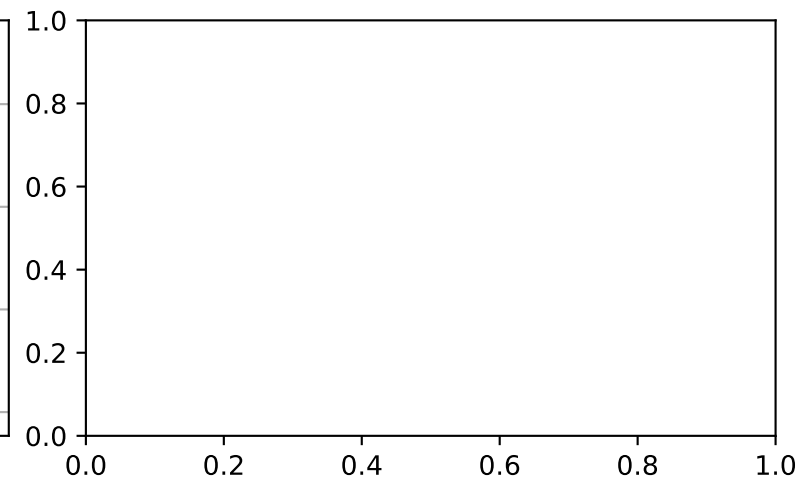
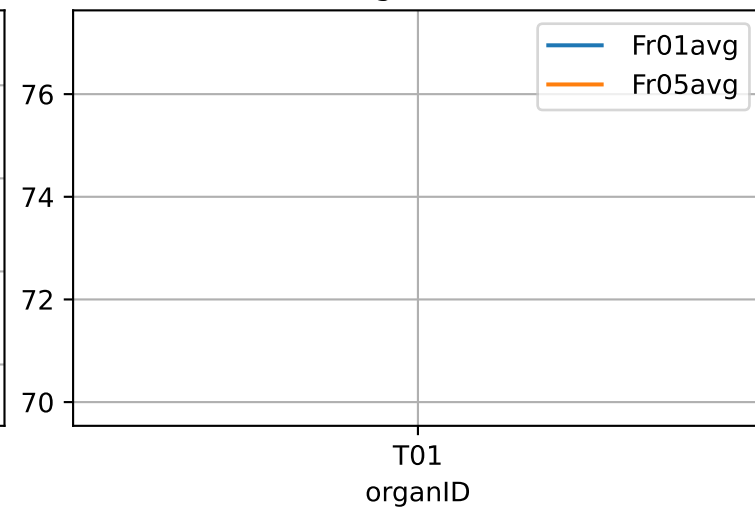
age=15



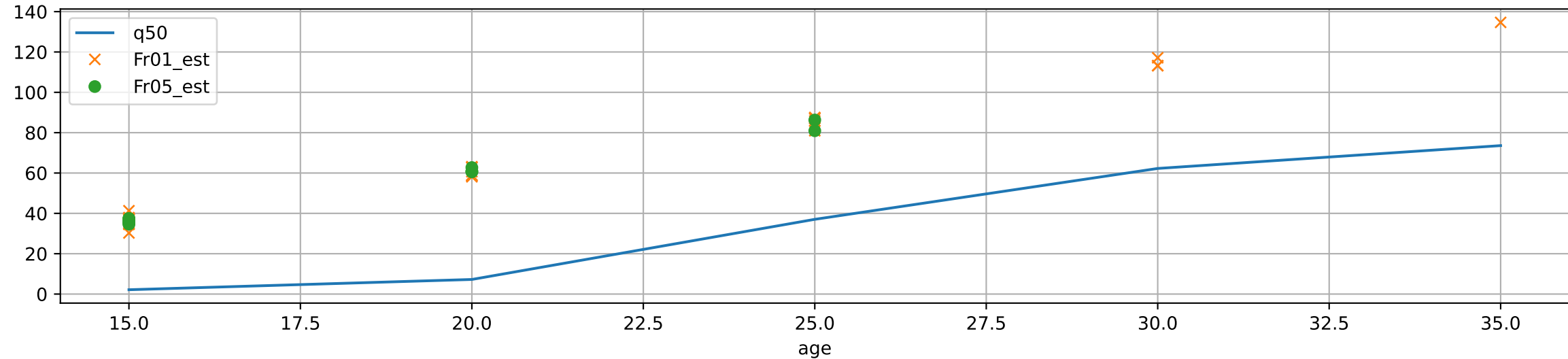
age=20



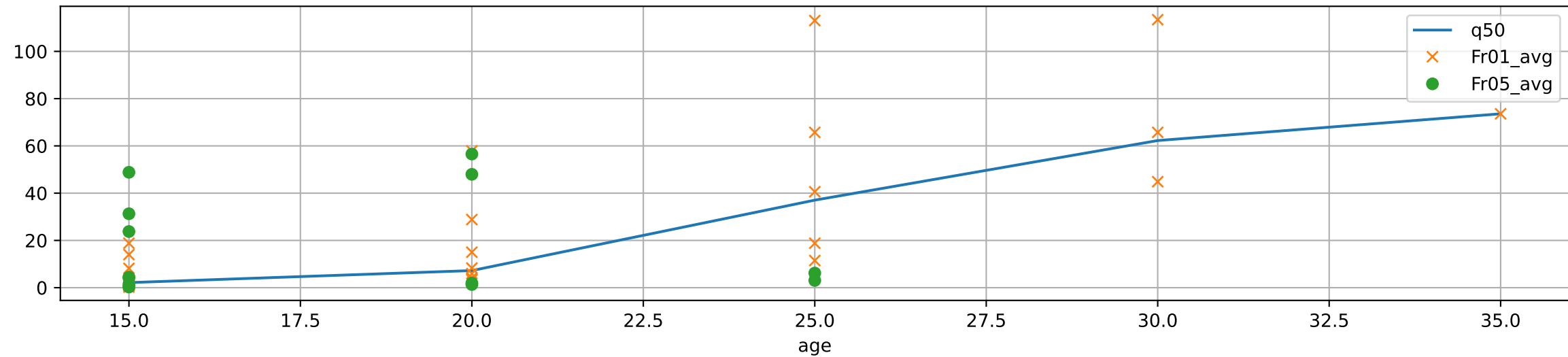
age=25

organID
age=30organID
age=35

FrV: model Est vs obsFrV at Q90

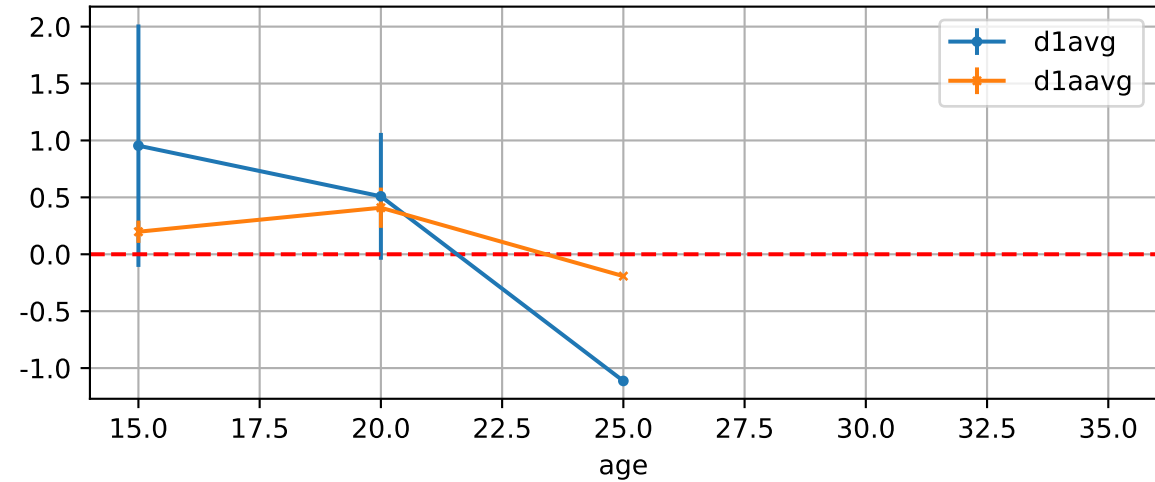


FrV: obsFrV vs obsFrV@Q90

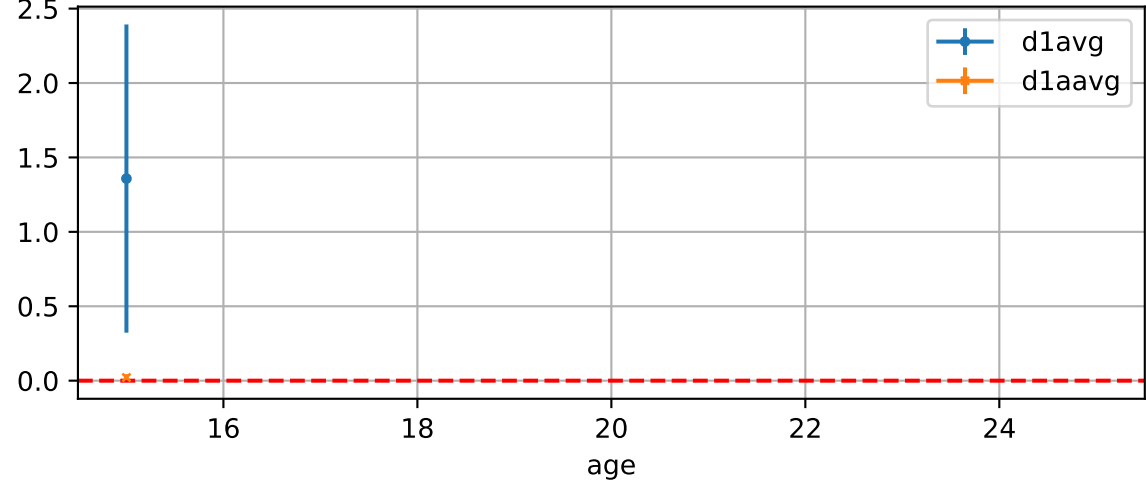


FrV: D_Fr1_FrV

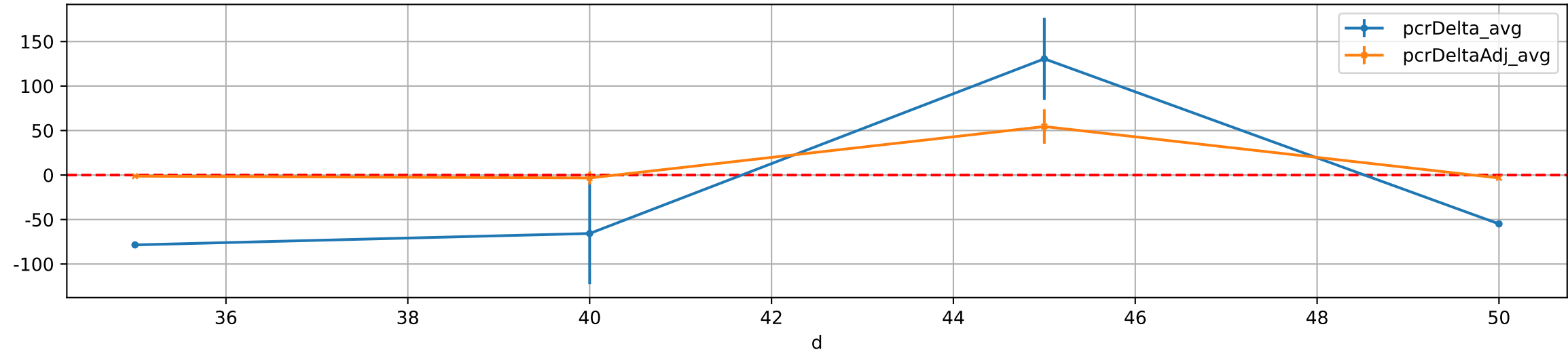
organID=1



organID=2

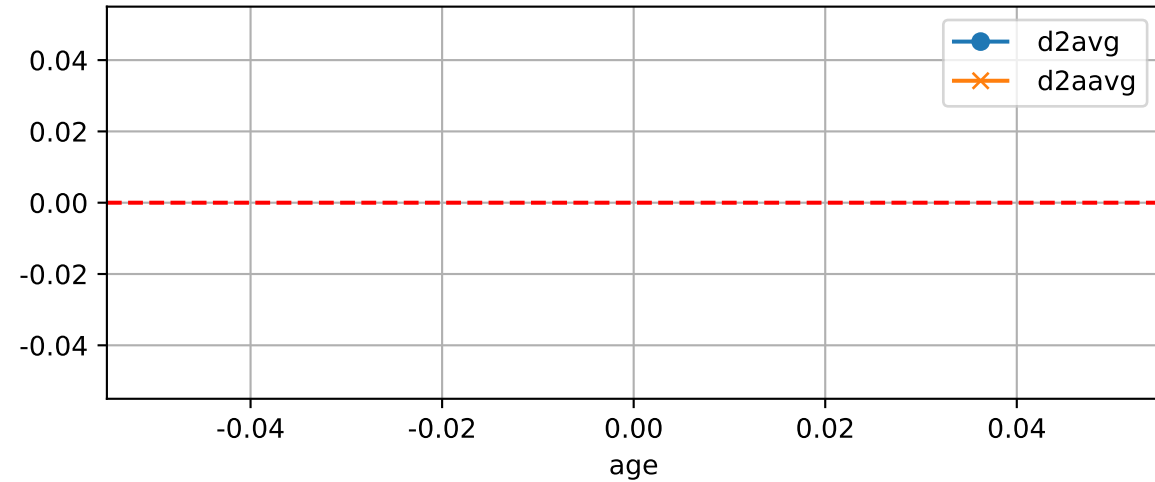


P3-2 FrV: D_Fr1_FrV

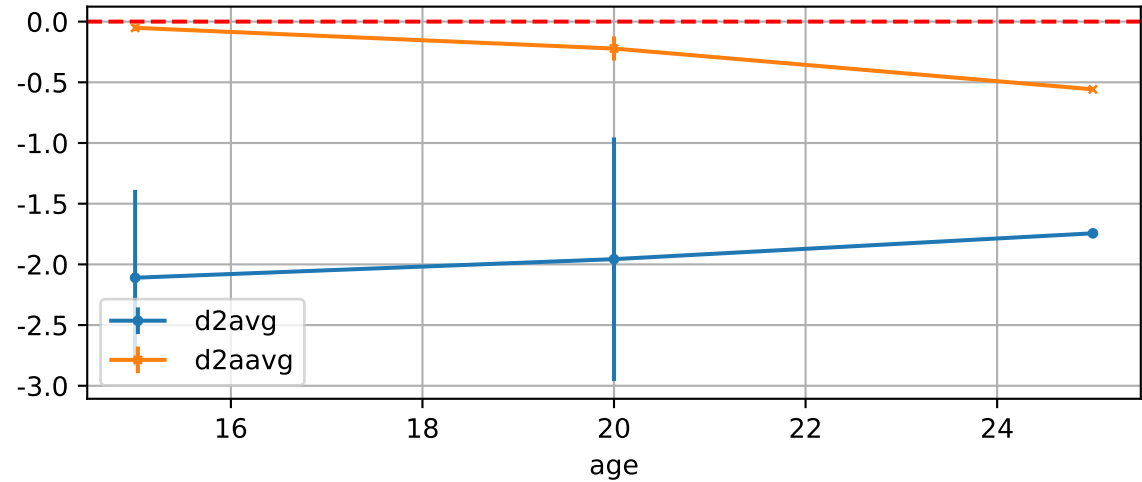


FrV: D_Ts_FrV

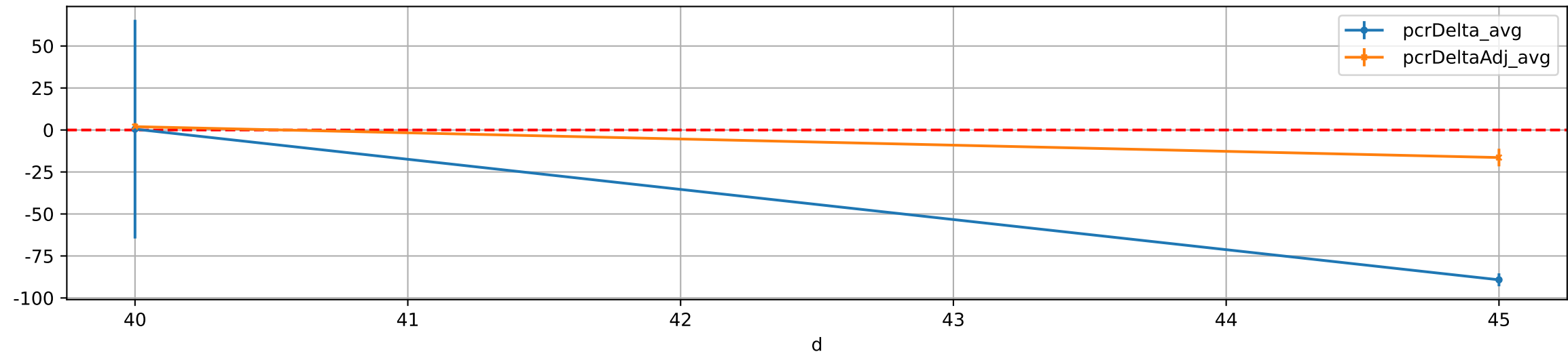
organID=1



organID=2

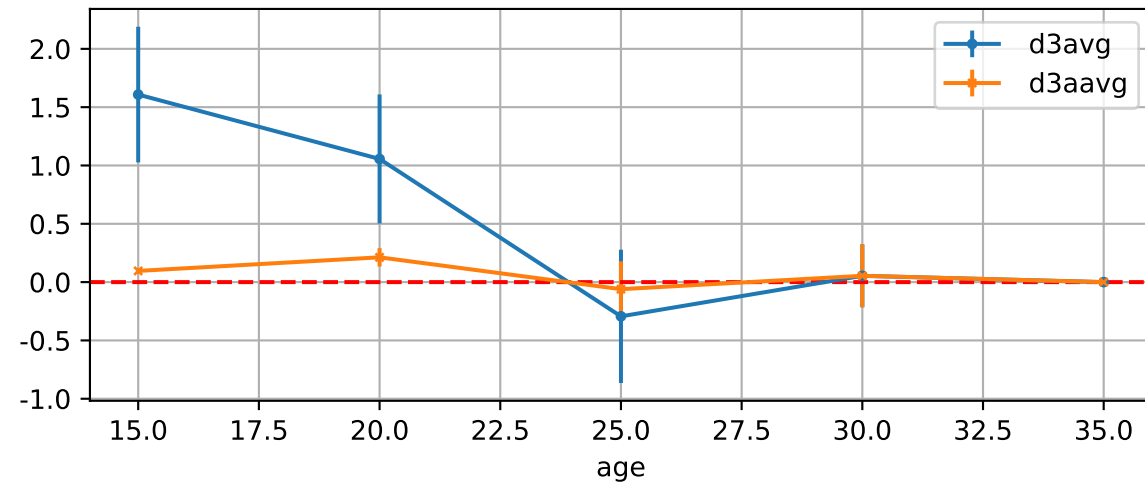


P3-2 FrV: D_Ts_FrV

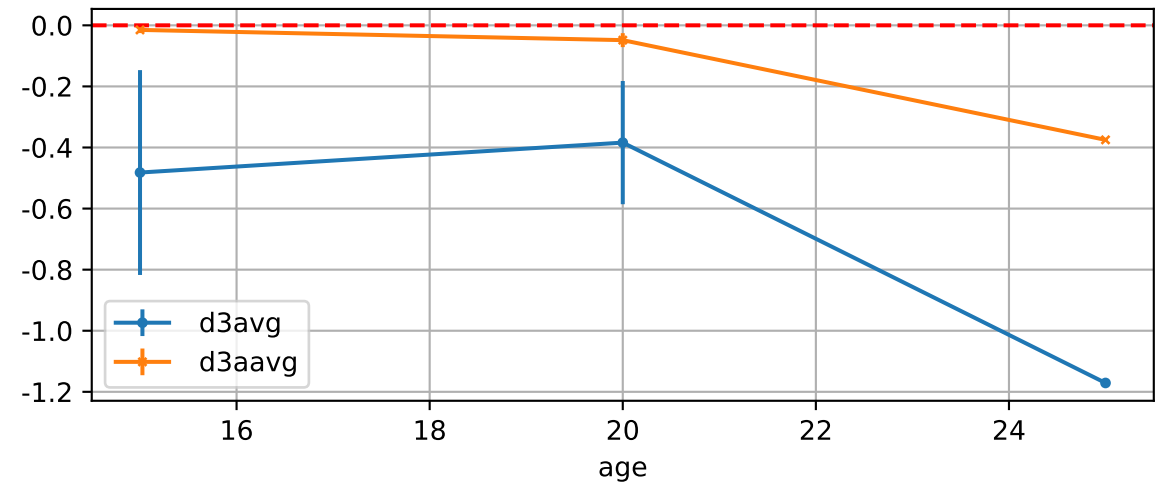


FrV: D_Q50_FrV

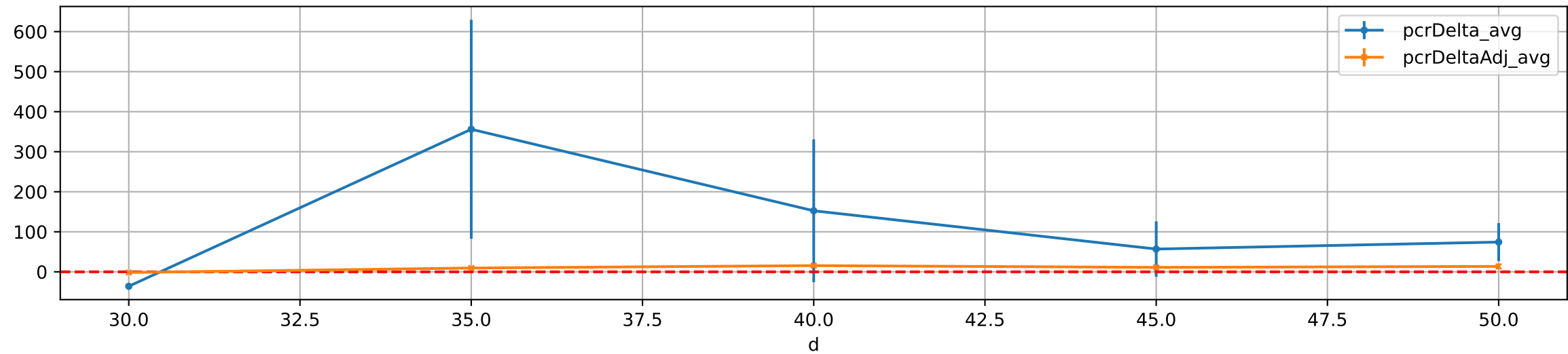
organID=1



organID=2

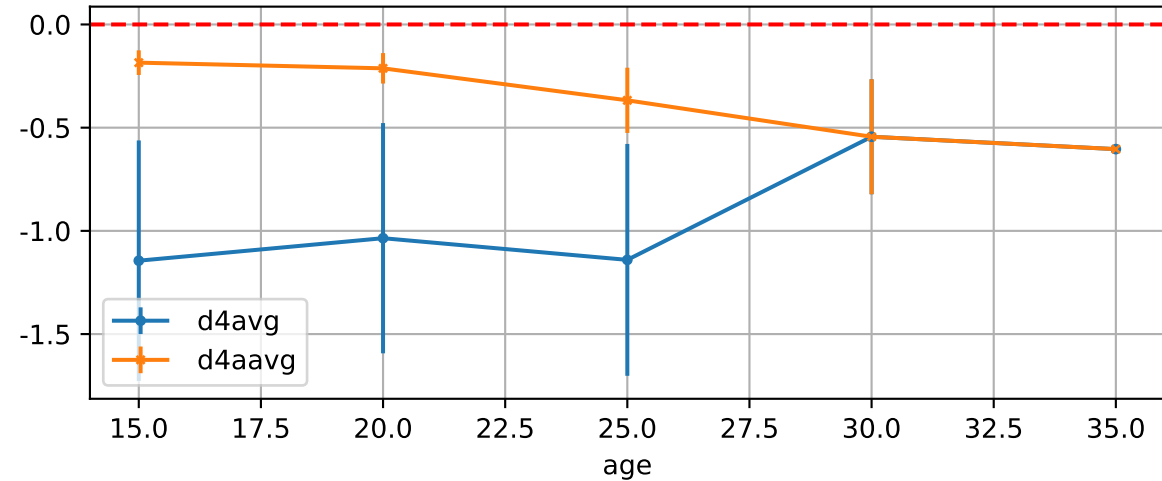


P3-2 FrV: D_Q50_FrV

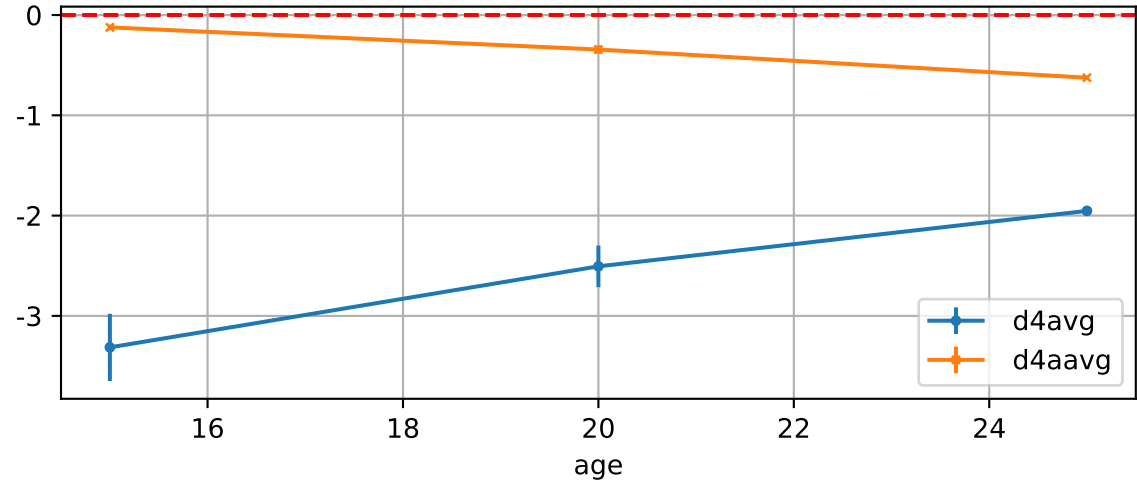


FrV: D_Est_FrV

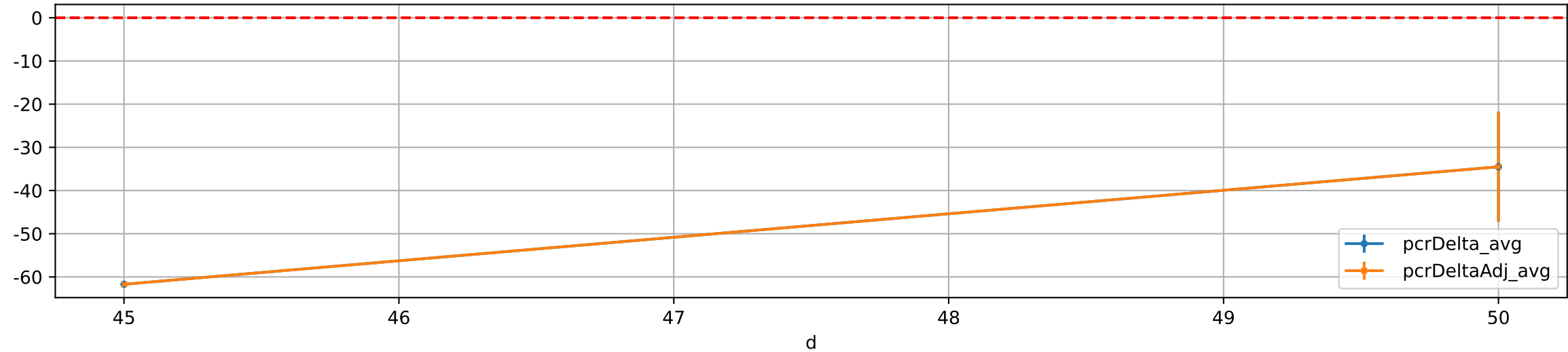
organID=1



organID=2



P3-2 FrV: D_Est_FrV



P3-2 FrV: sfDem

