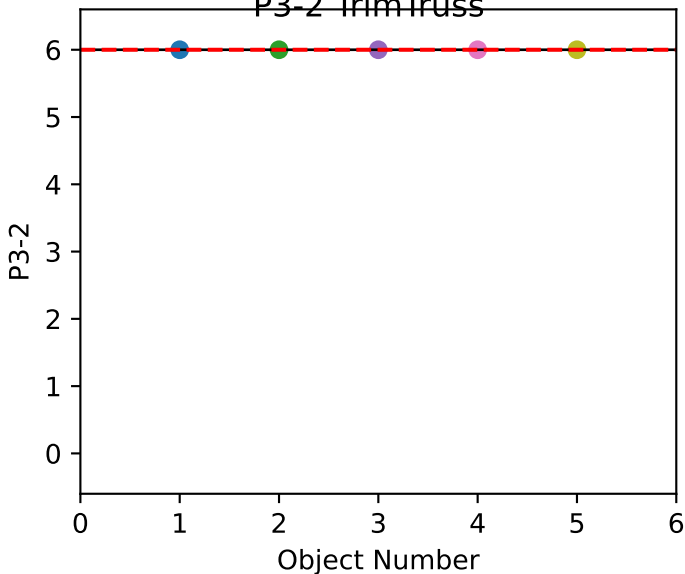


Phenotype Data Analysis Plots
PhenoData day range = 12 - 61
Analysis cutoff day = 61
NC11 P3-2
2025-05-30 (Day 62)

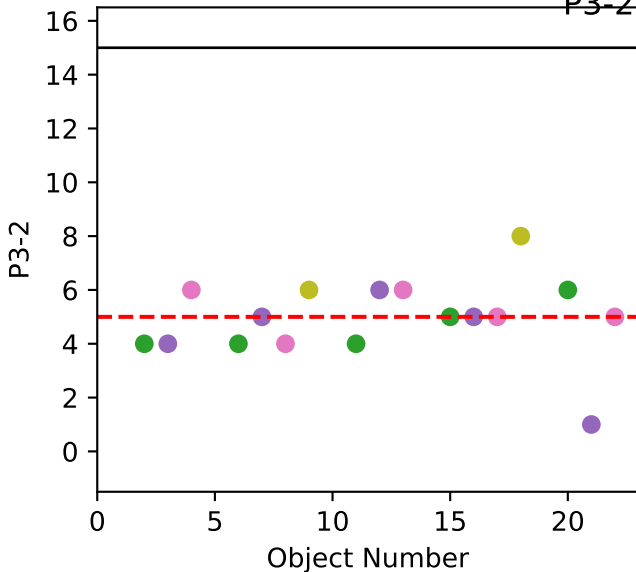
TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

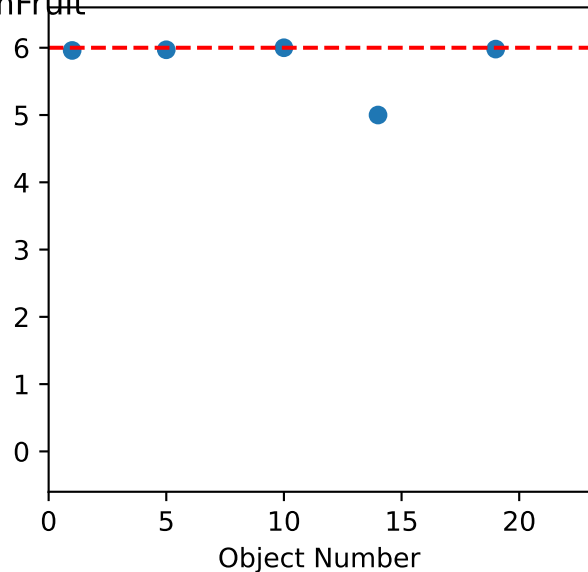
p3-2 TrimTruss

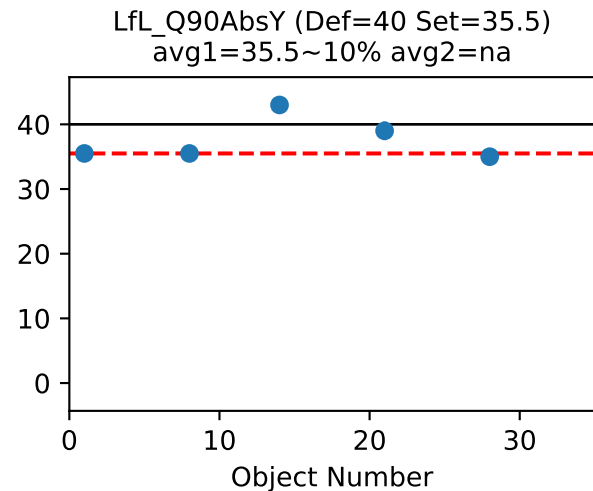
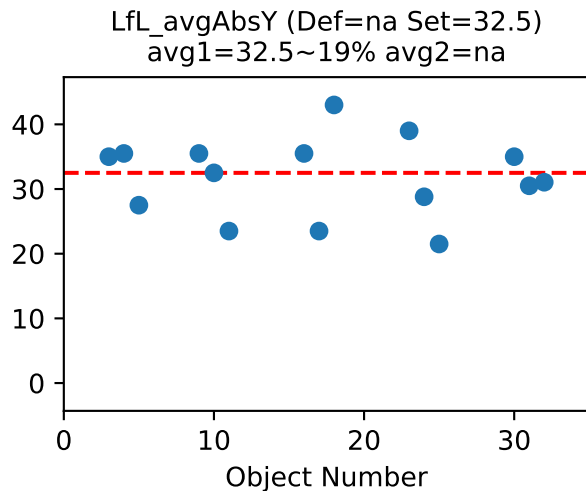
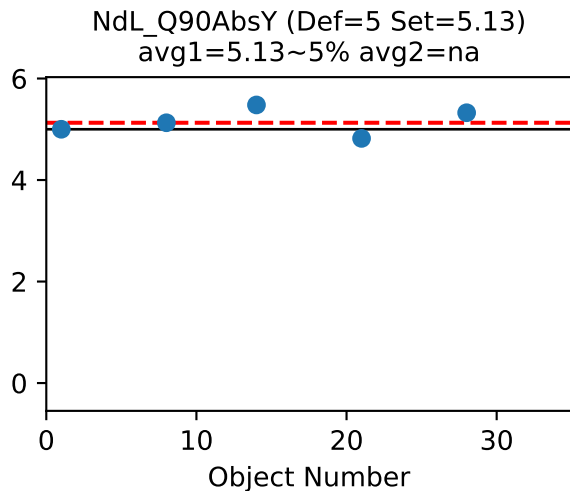
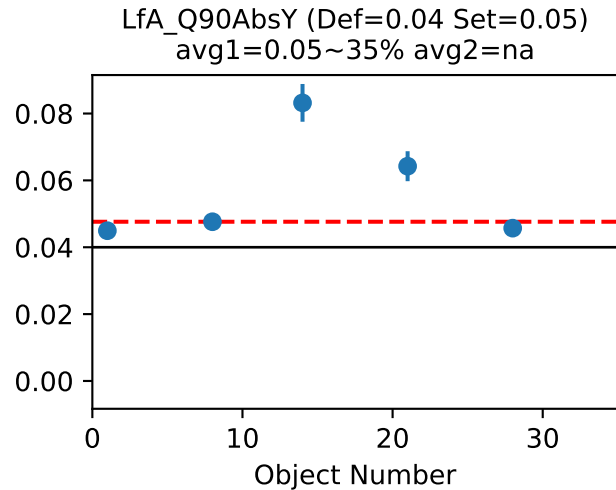
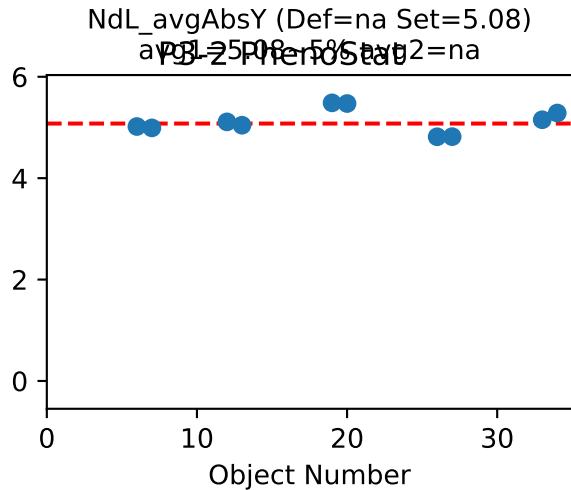
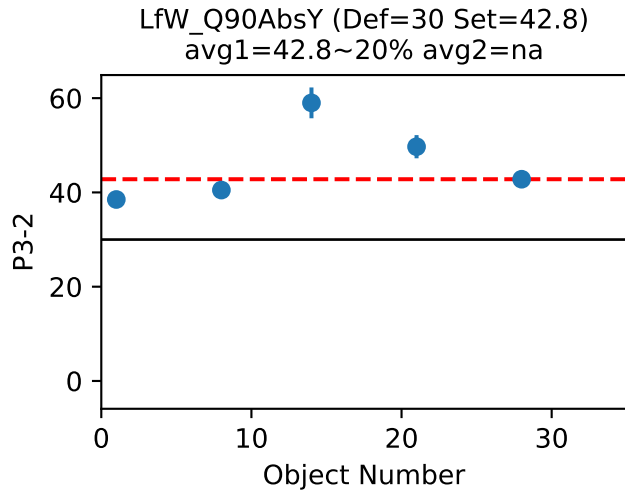


FruitNumAvgPerTruss (Def=15 Set=5)
avg1=5.0~30% avg2=na

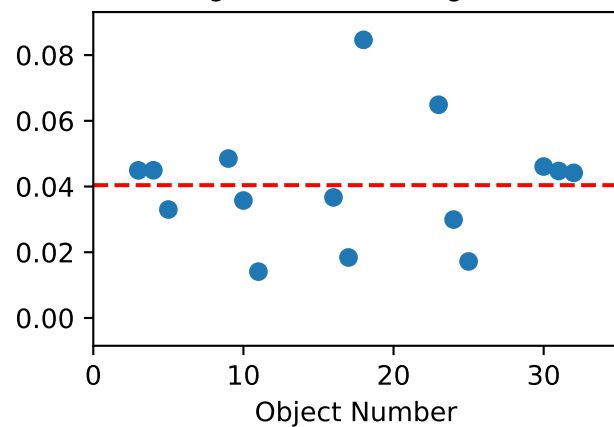


FruitNumMaxPerTruss (Def=na Set=6)
avg1=6.0~0% avg2=na

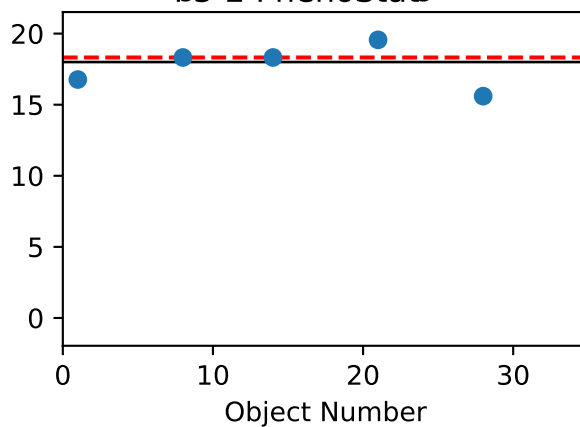




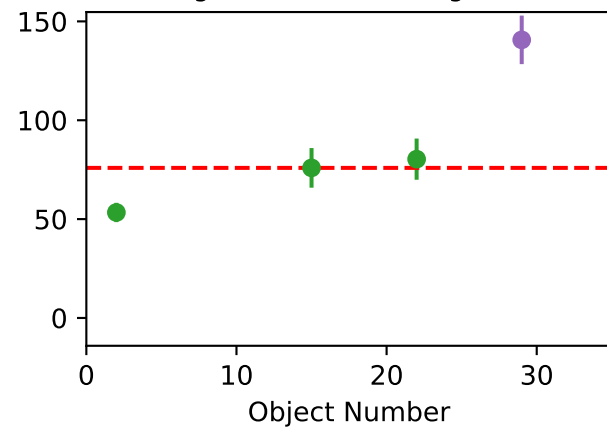
LfA_avgAbsY (Def=na Set=0.04)
avg1=0.04~35% avg2=na



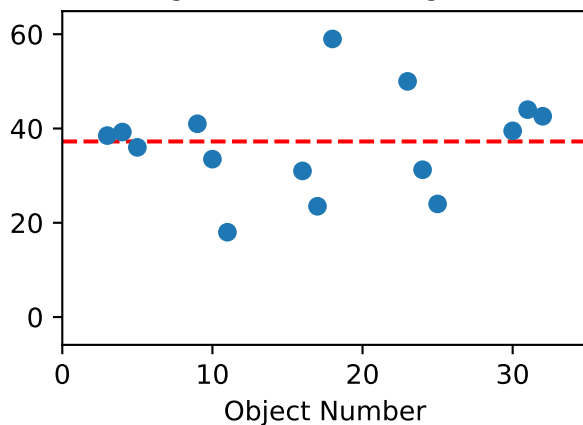
NdD_Q90AbsY (Def=18 Set=18.32)
avg1=18.32~8% avg2=na



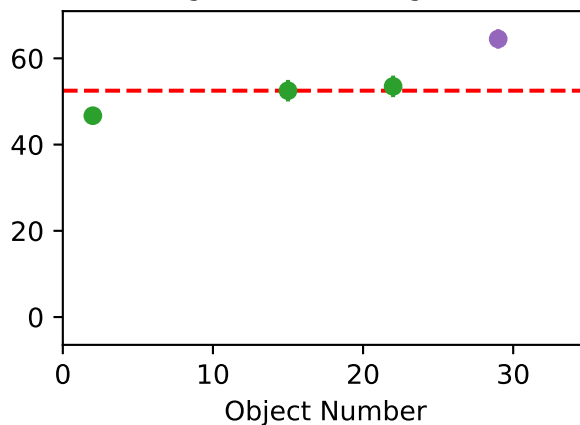
FrV_avgAbsY (Def=na Set=na)
avg1=75.91~19% avg2=na



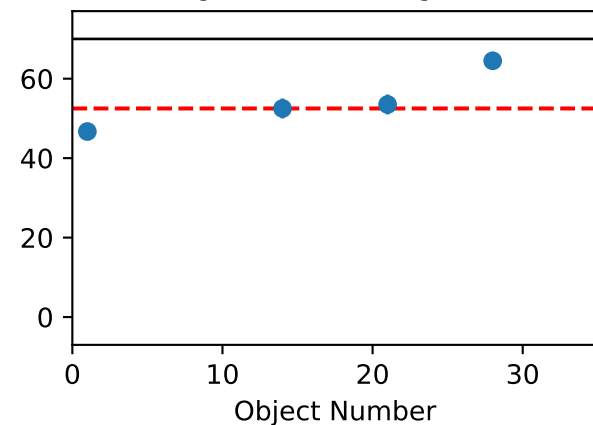
LfW_avgAbsY (Def=na Set=37.25)
avg1=37.25~24% avg2=na



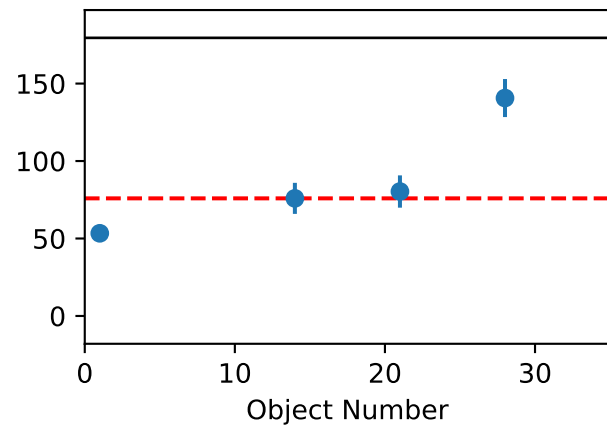
FrD_avgAbsY (Def=na Set=52.5)
avg1=52.5~7% avg2=na



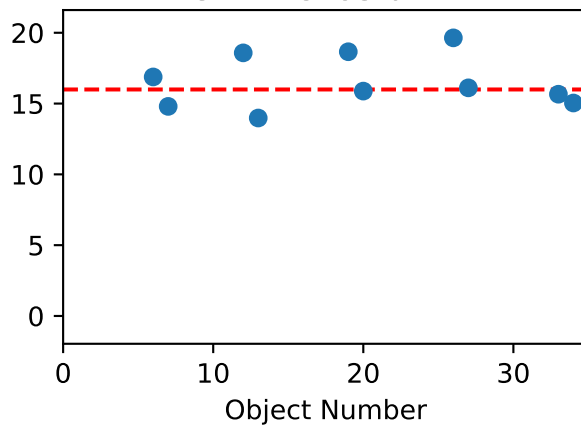
FrD_Q90AbsY (Def=70 Set=52.5)
avg1=52.5~7% avg2=na



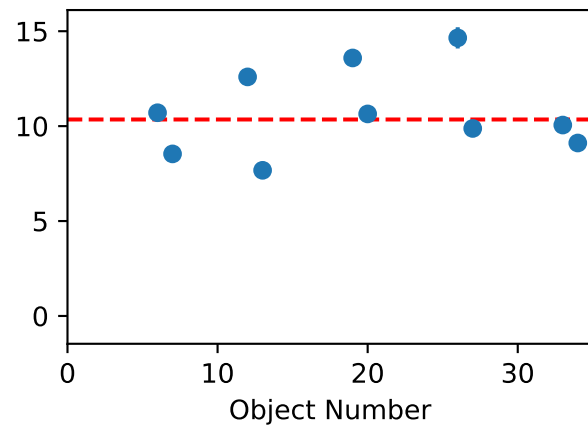
FrV_Q90AbsY (Def=179.5 Set=179.5)
avg1=75.91~19% avg2=na



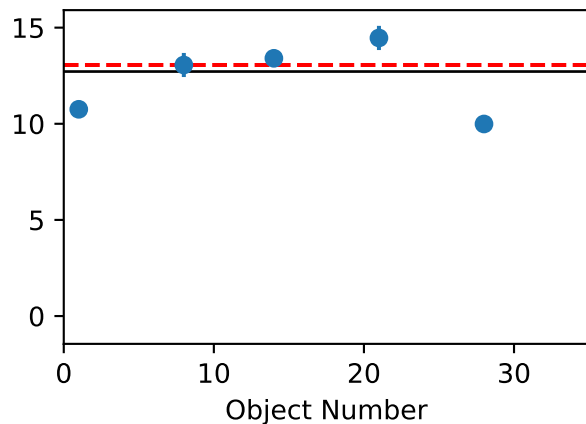
NdD_avgAbsY (Def=na Set=16.0)
avg1=16.1~12% avg2=na



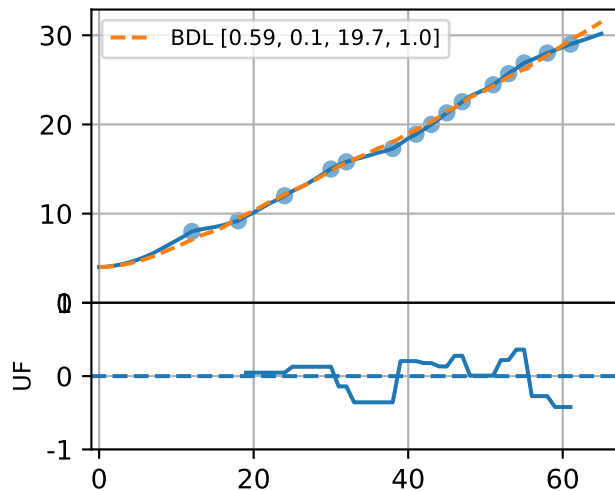
NdV_avgAbsY (Def=na Set=10.35)
avg1=10.35~22% avg2=na



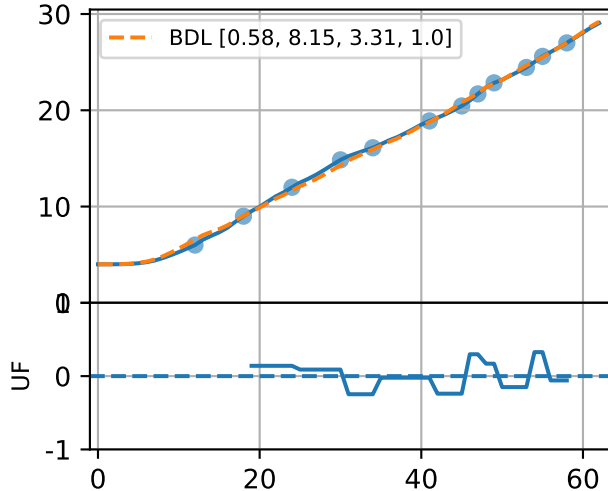
NdV_Q90AbsY (Def=12.72 Set=13.06)
avg1=13.06~14% avg2=na



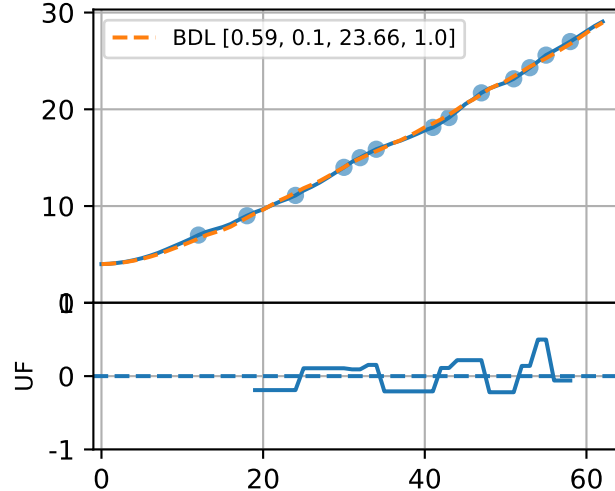
P3-2-16-21 (fit failed)



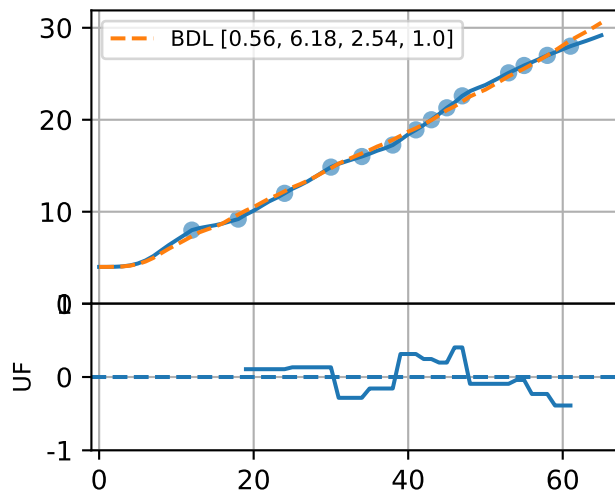
P3-2-24-18 (fit failed)



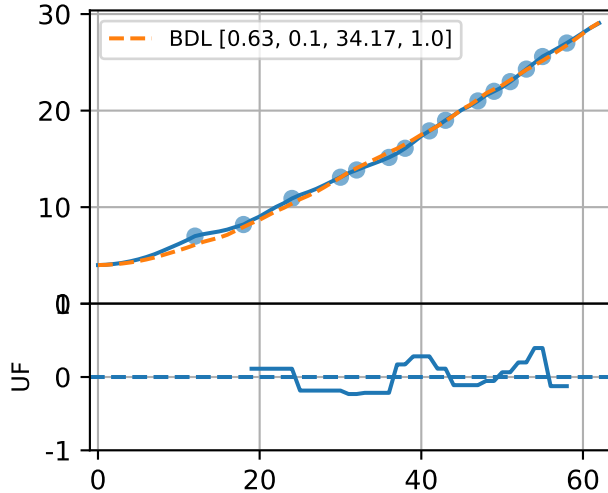
P3-2-40-6 (fit failed)



P3-2-55-28 (fit failed)

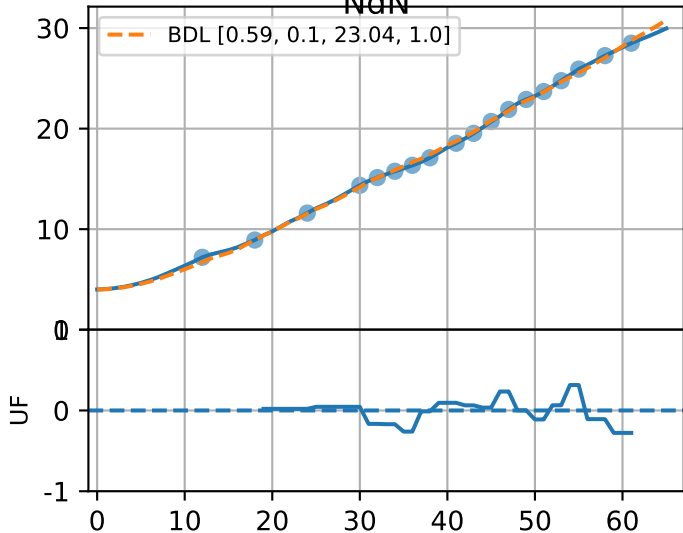


P3-2-9-8 (fit failed)

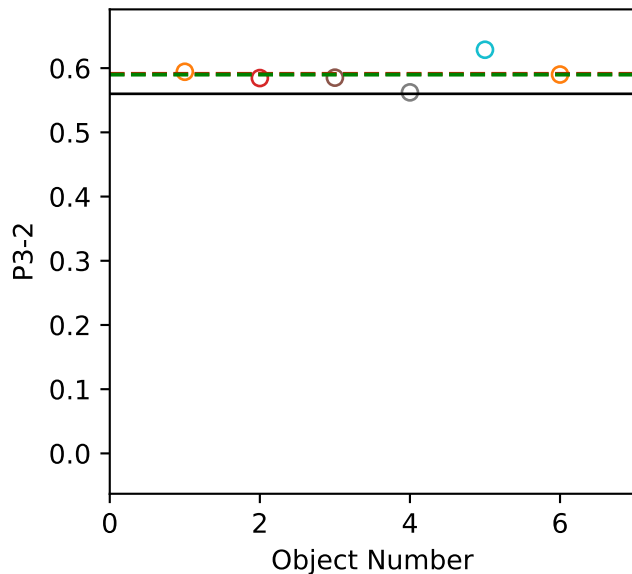


P3-2avg (fit failed)

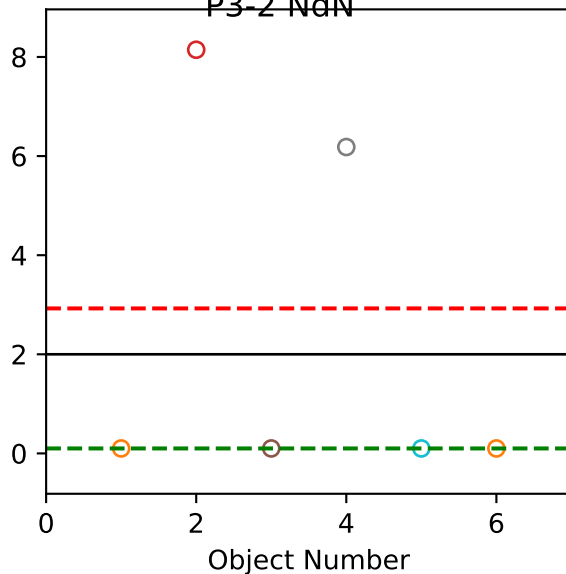
NaN



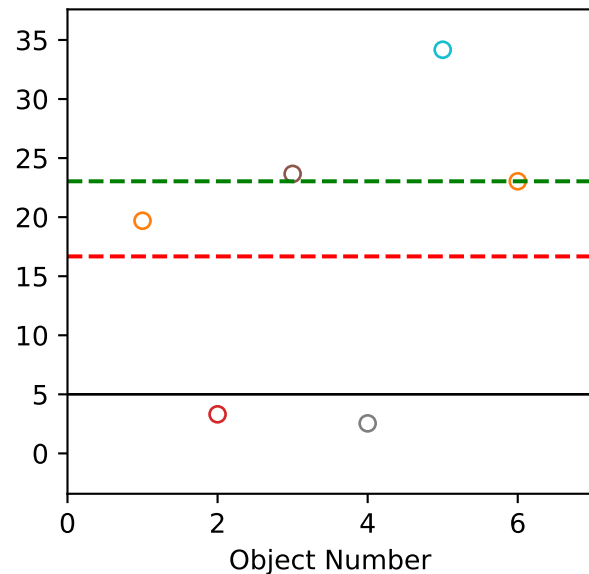
a (Def=0.56 Set=0.59)
avg1=0.59(fail) avg2=0.59



dm (Def=2 Set=0.1)
avg1=2.93(fail) avg2=0.1

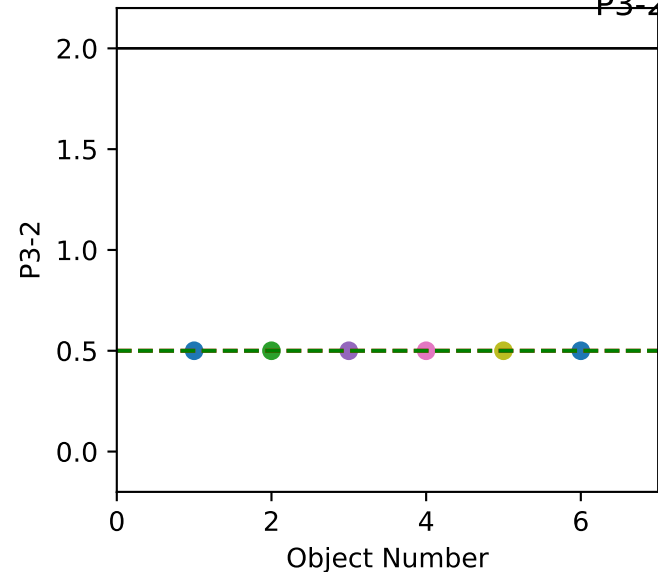


de (Def=5 Set=23.04)
avg1=16.68(fail) avg2=23.04



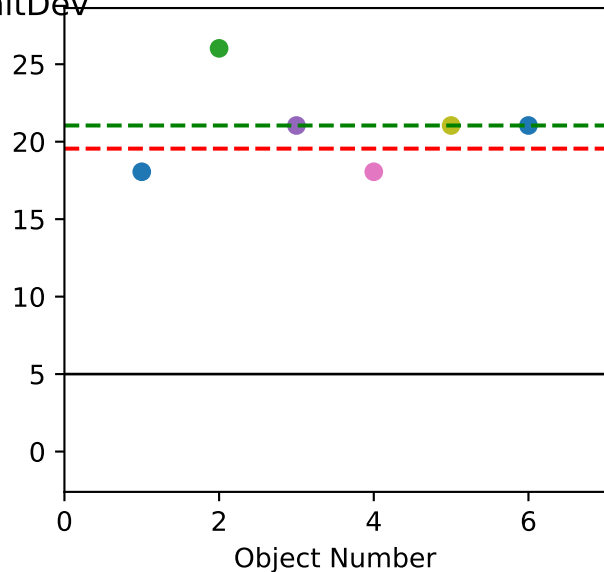
InitDev_dm (Def=2 Set=0.5)
avg1=0.5~0% avg2=0.5

P3-2

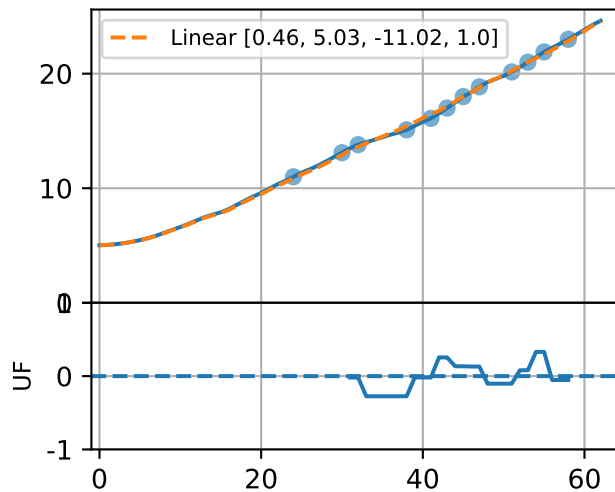


InitDev_de (Def=5 Set=21.05)
avg1=19.55~9% avg2=21.05

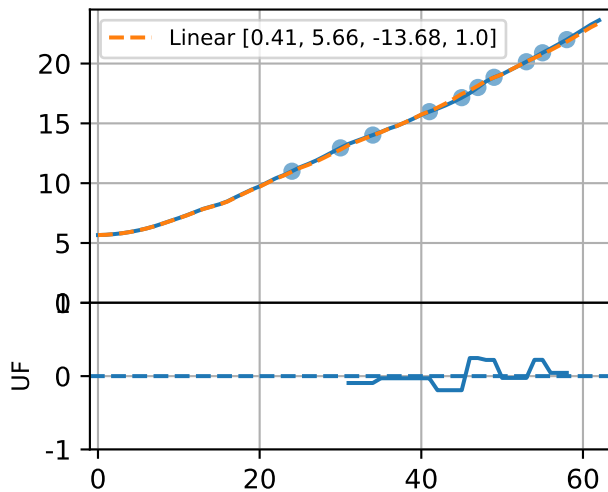
InitDev



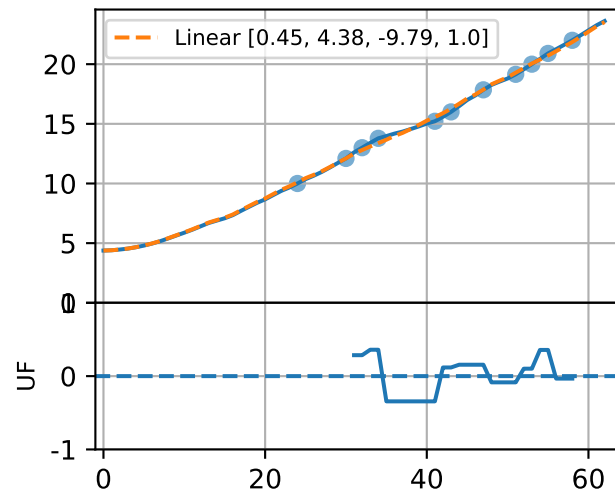
P3-2-16-21



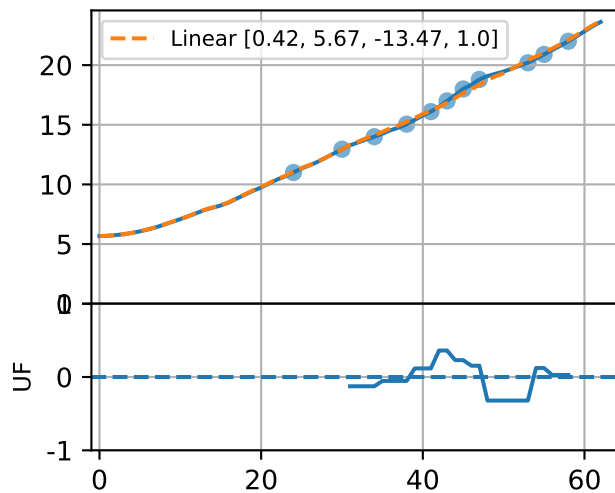
P3-2-24-18



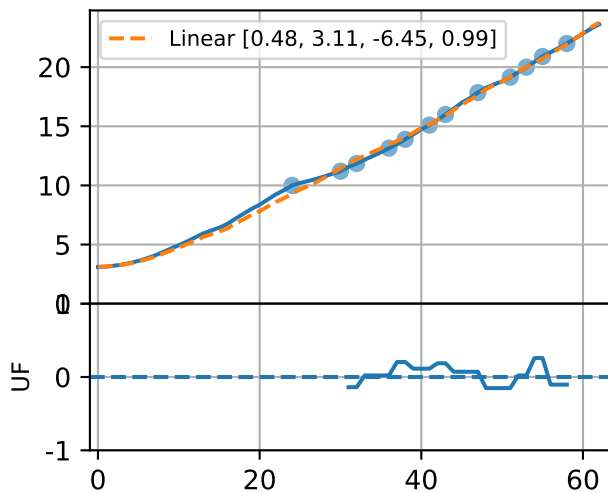
P3-2-40-6



P3-2-55-28



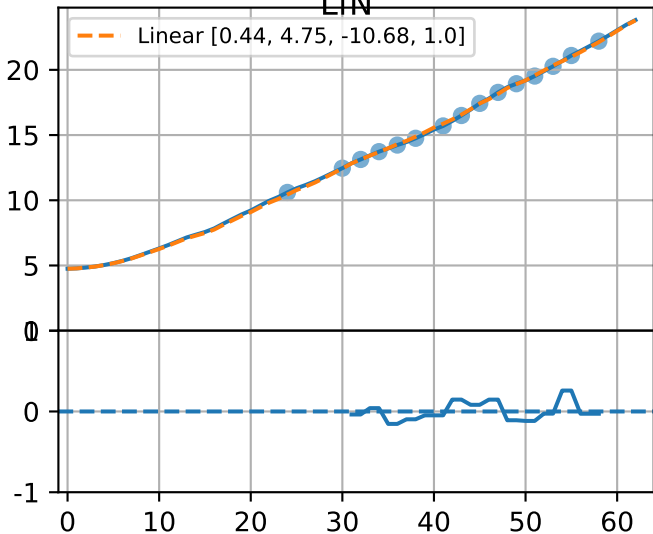
P3-2-9-8



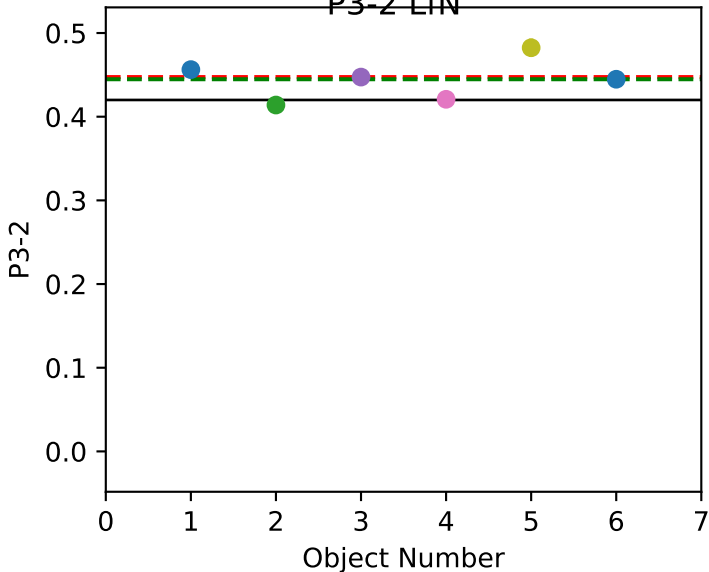
P3-2avg
Lfn

Linear [0.44, 4.75, -10.68, 1.0]

UF

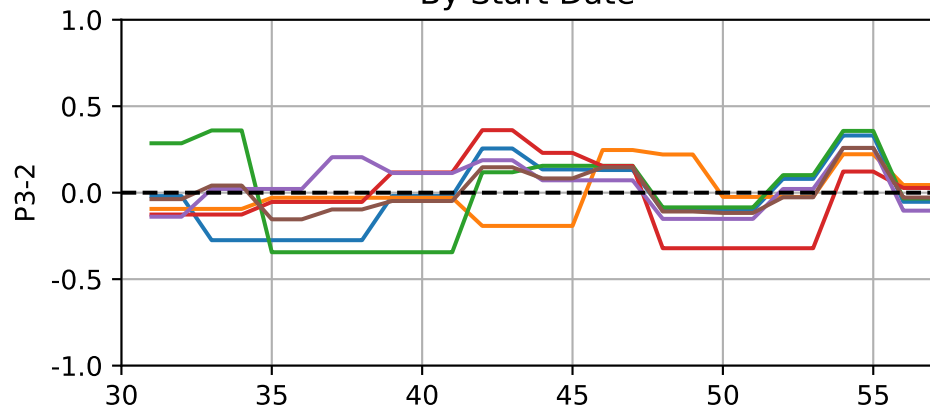


a (Def=0.42 Set=0.44)
avg1=0.45~6% avg2=0.44~2%
P3-2 LfN

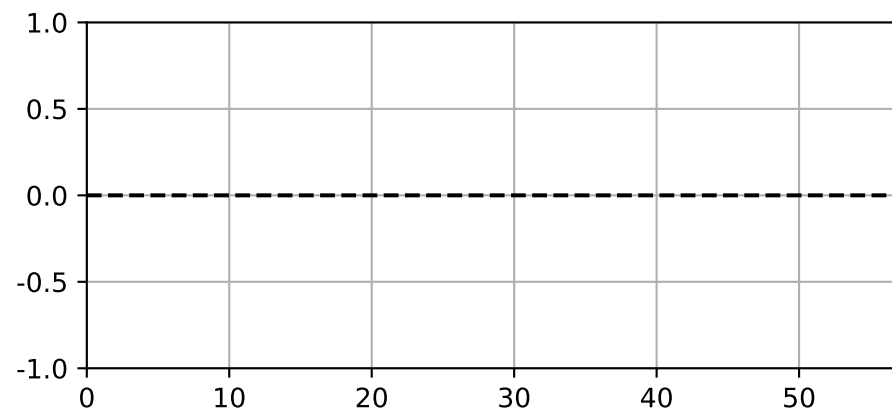
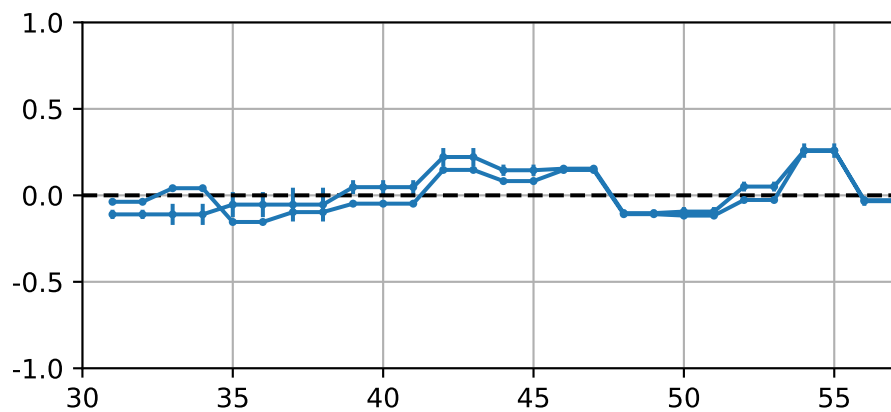
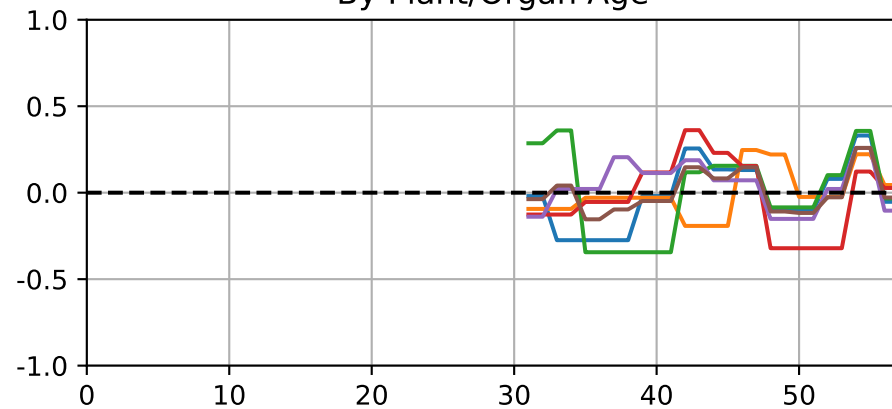


LfN

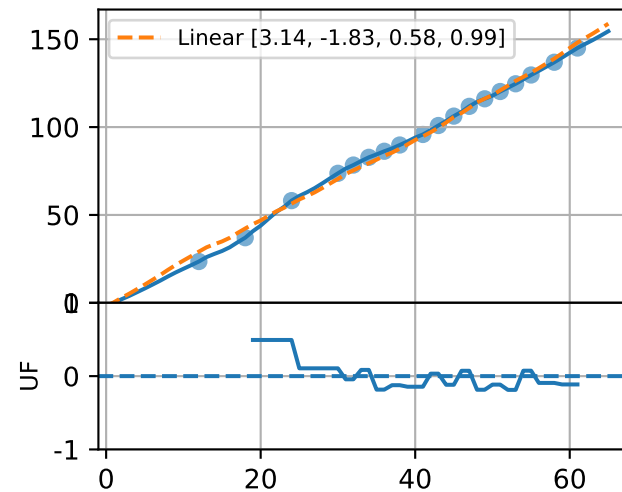
By Start Date



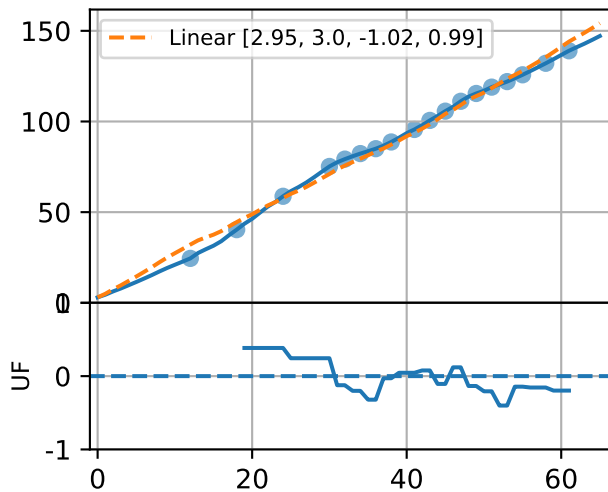
By Plant/Organ Age



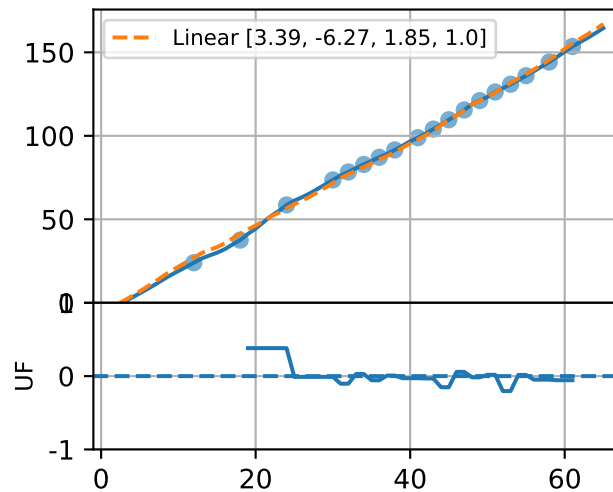
P3-2-16-21



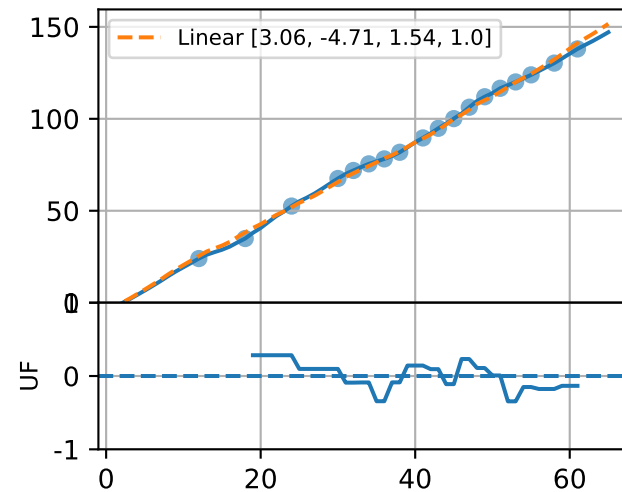
P3-2-24-18



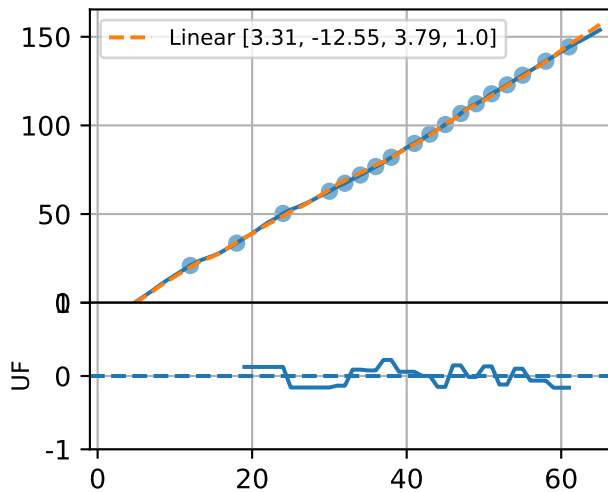
P3-2-40-6



P3-2-55-28

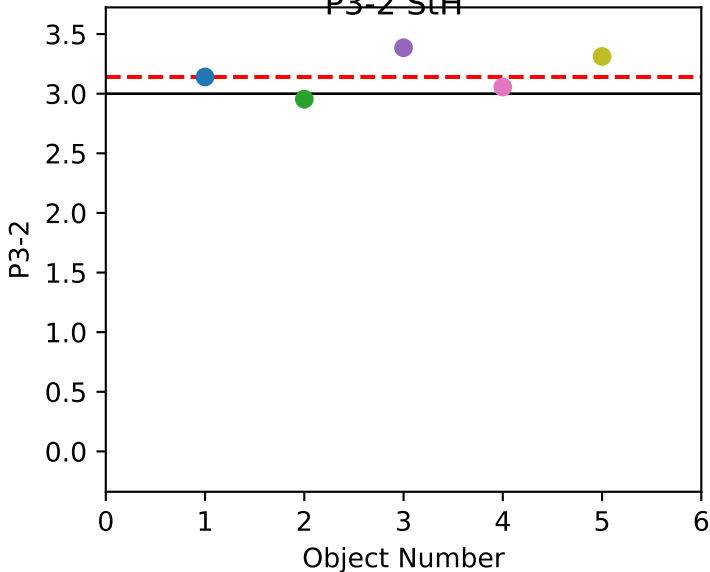


P3-2-9-8



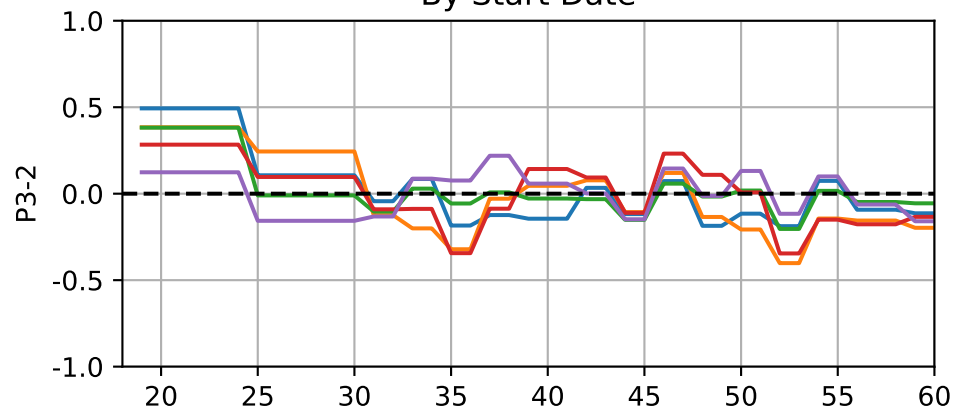
a (Def=3 Set=3.14)
avg1=3.14~6% avg2=na

P3-2 StH

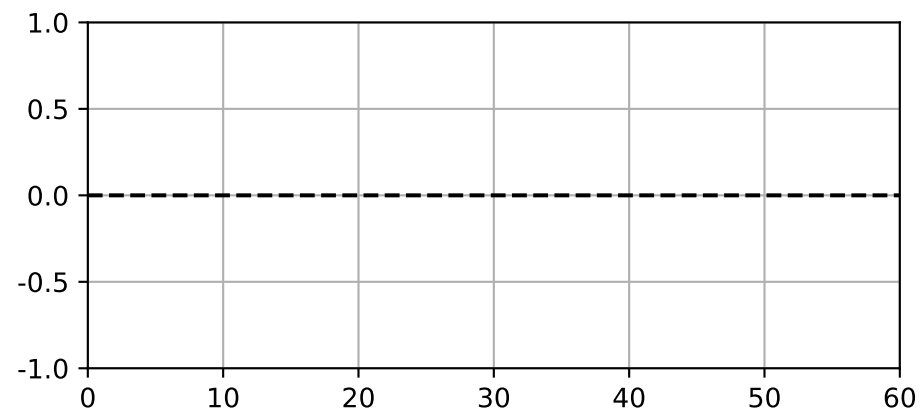
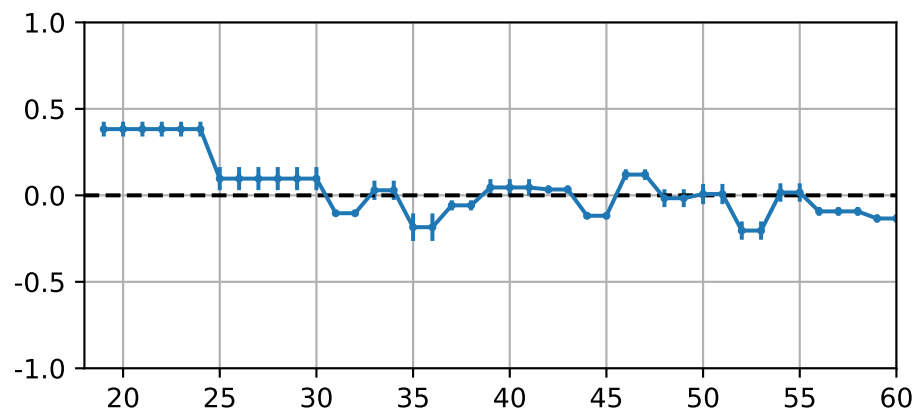
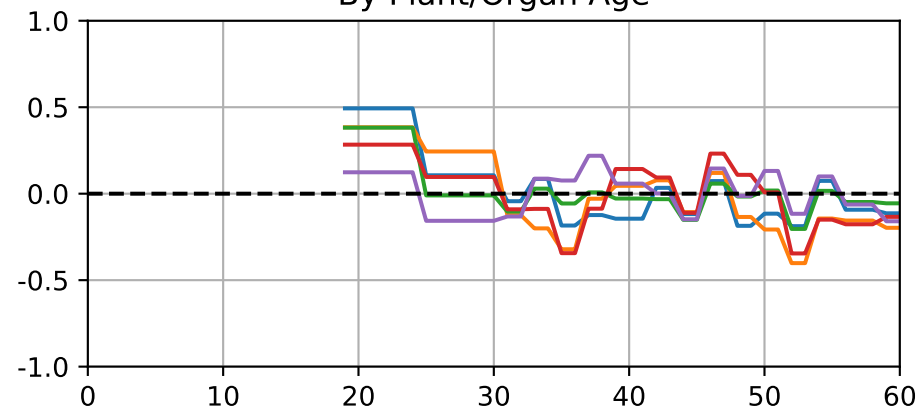


StH

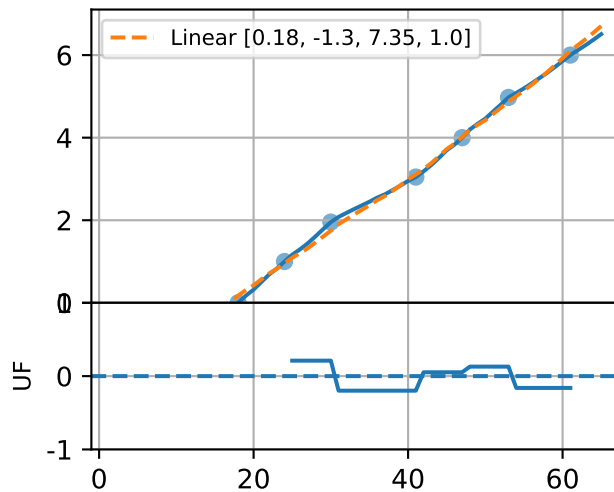
By Start Date



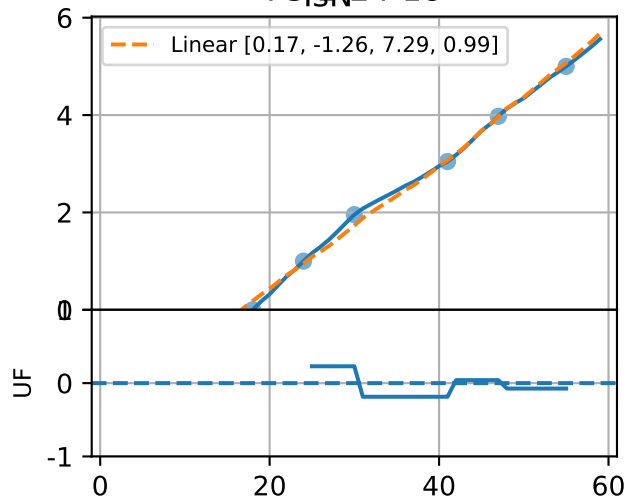
By Plant/Organ Age



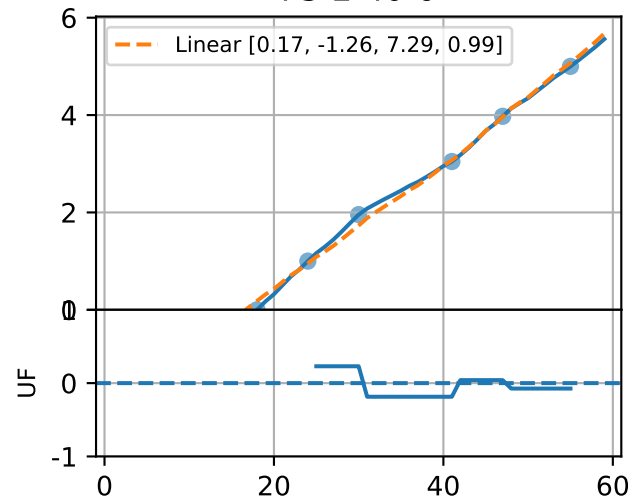
P3-2-16-21



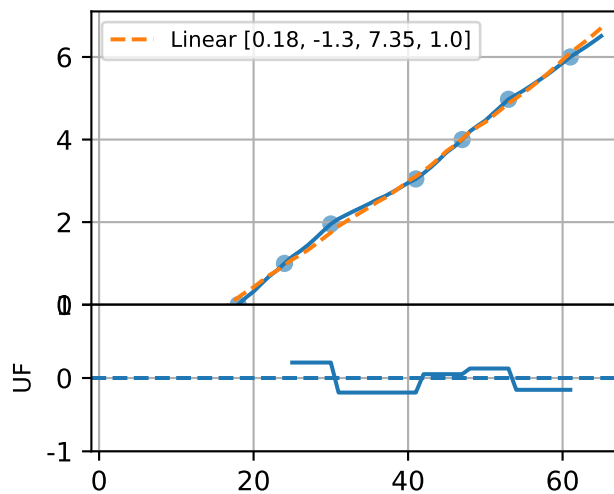
P3-2-24-18



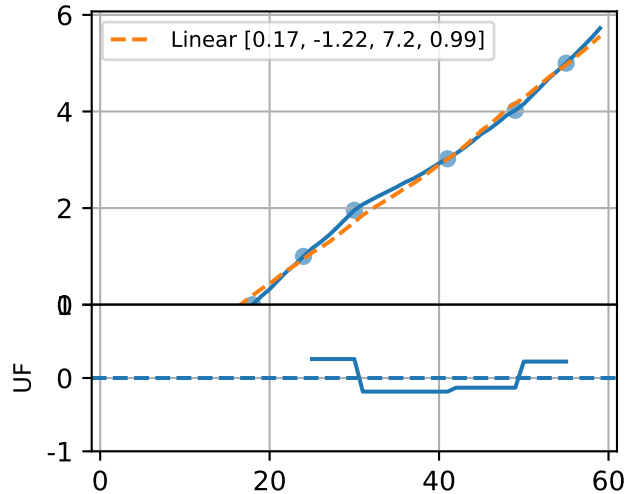
P3-2-40-6



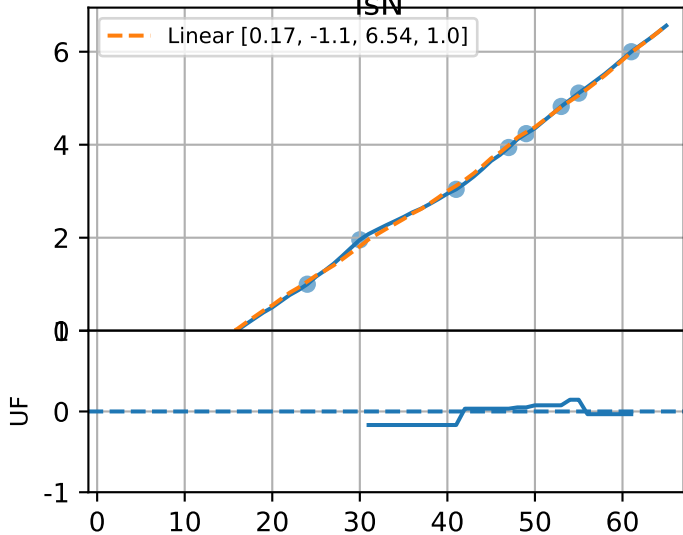
P3-2-55-28

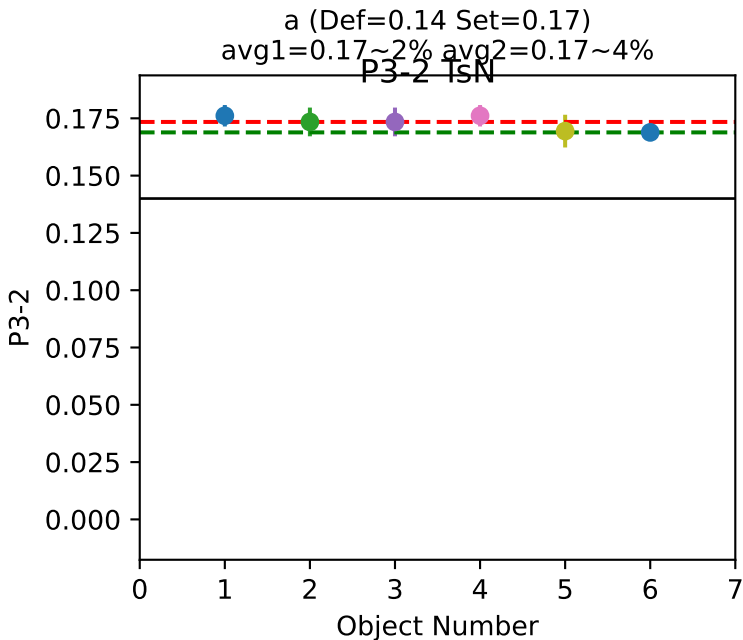


P3-2-9-8



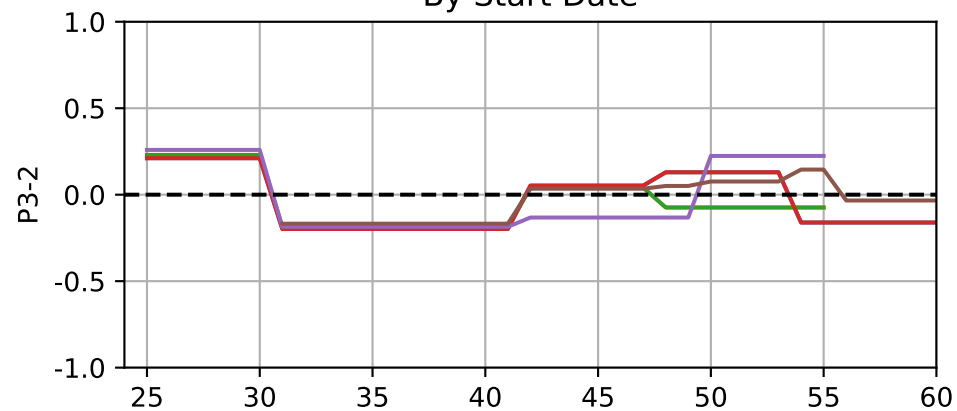
P3-2avg
TSN



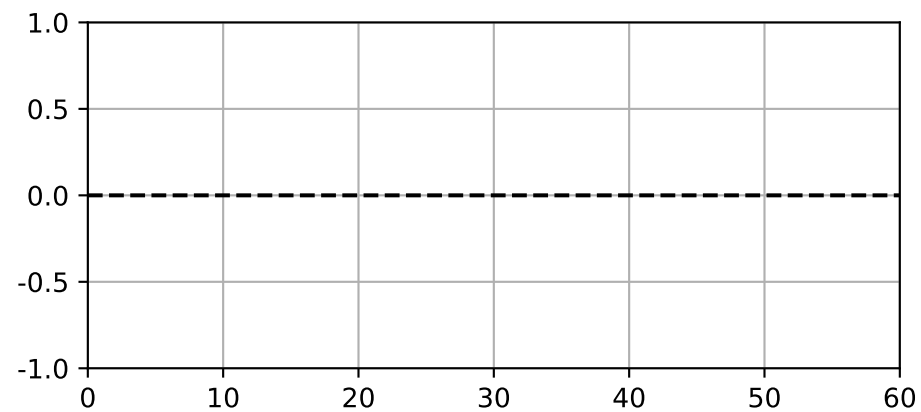
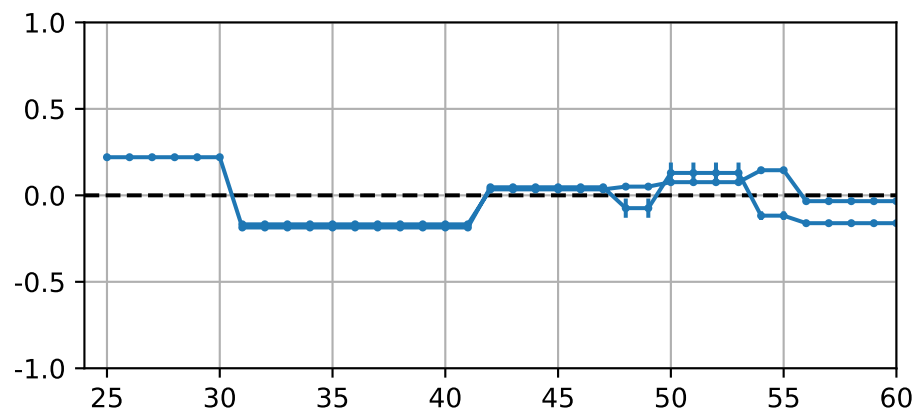
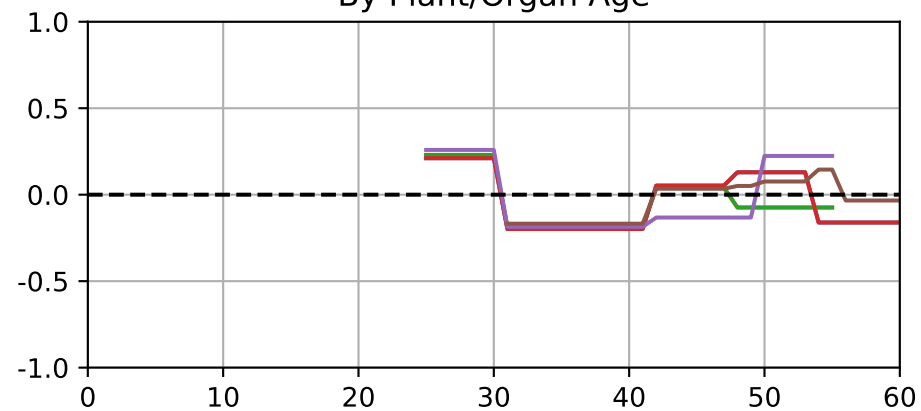


TSN

By Start Date

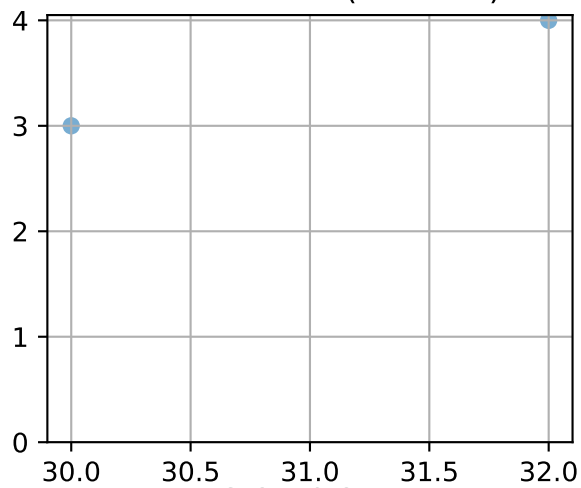


By Plant/Organ Age

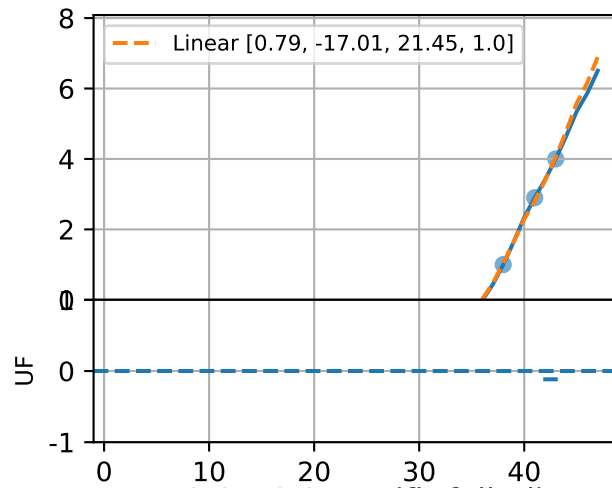


FrN

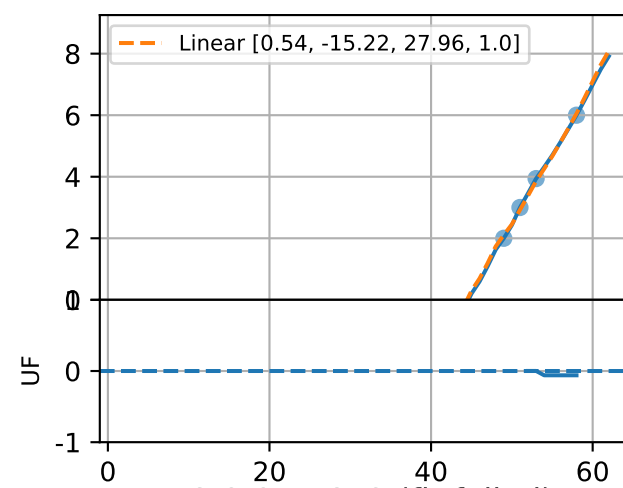
P3-2-16-21T1 (fit failed)



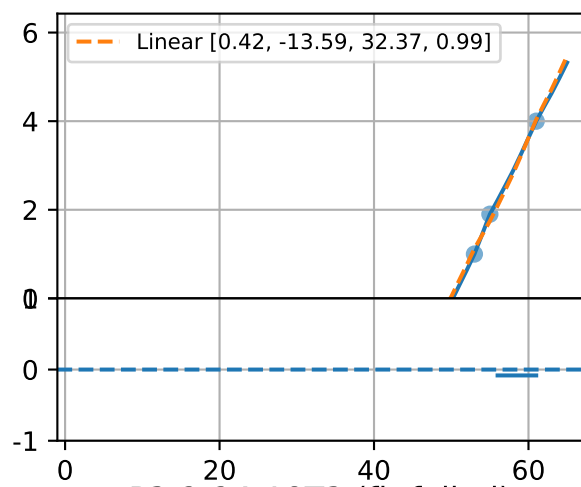
P3-2-16-21T2



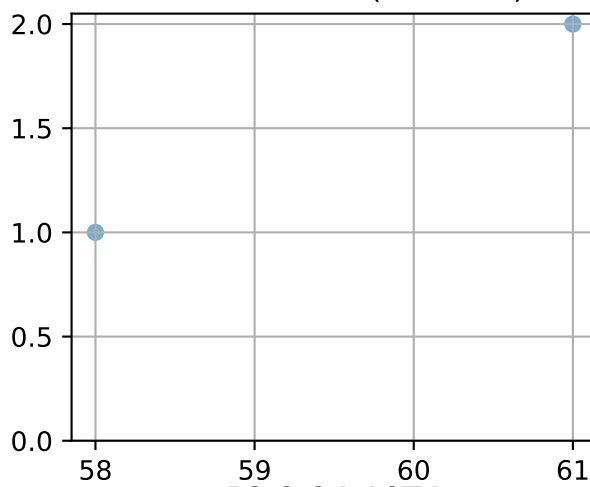
P3-2-16-21T3



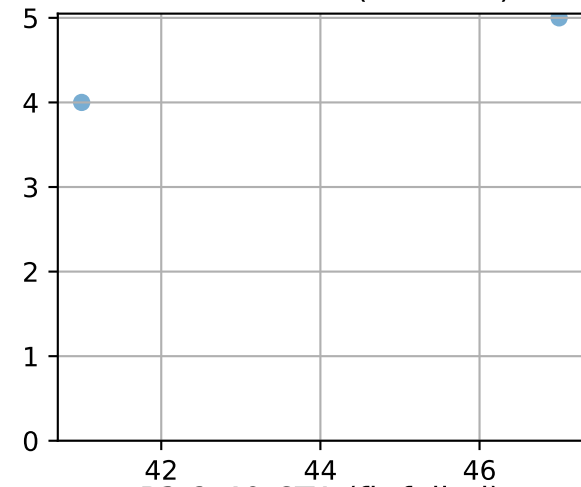
P3-2-16-21T4



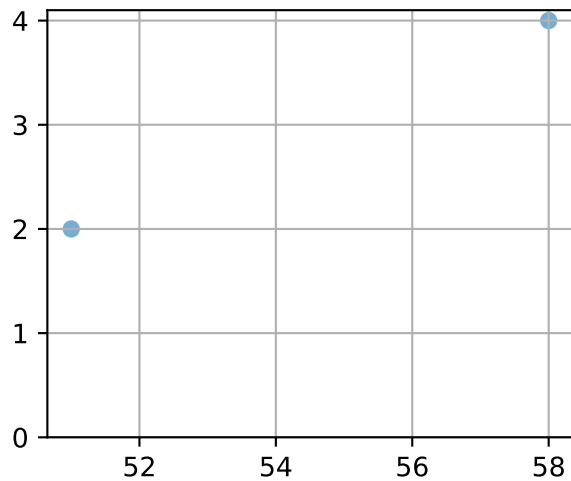
P3-2-16-21T5 (fit failed)



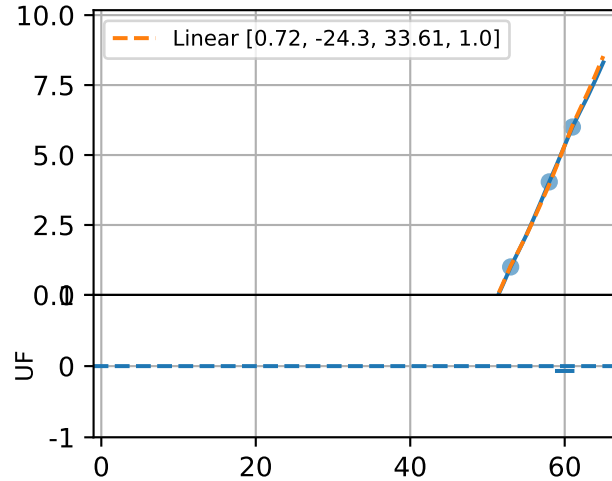
P3-2-24-18T2 (fit failed)



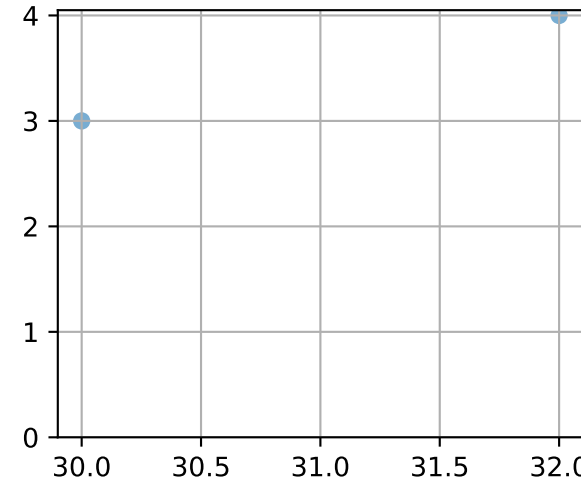
P3-2-24-18T3 (fit failed)



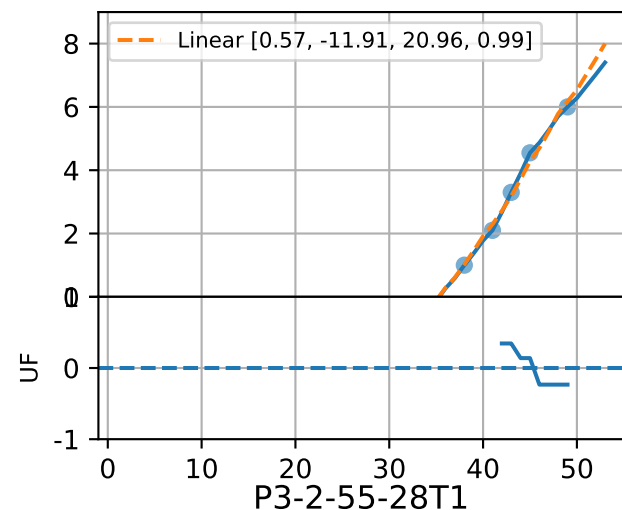
P3-2-24-18T4



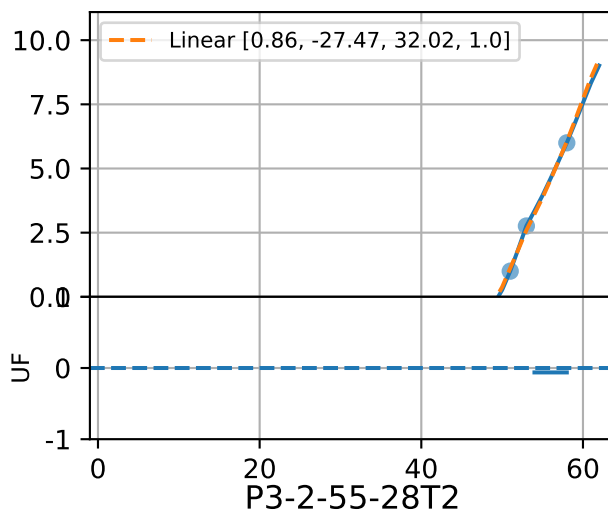
P3-2-40-6T1 (fit failed)



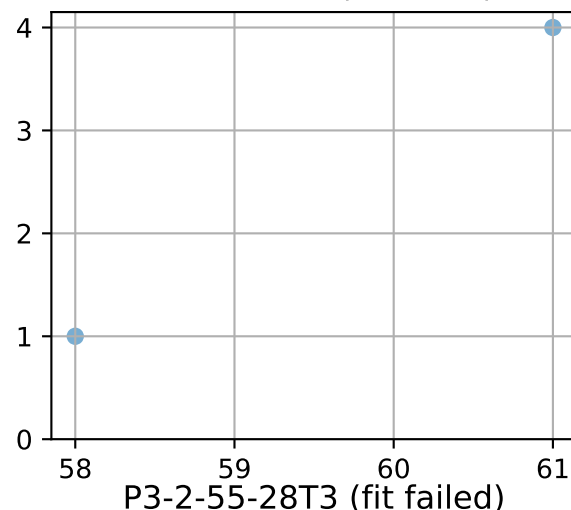
P3-2-40-6T2



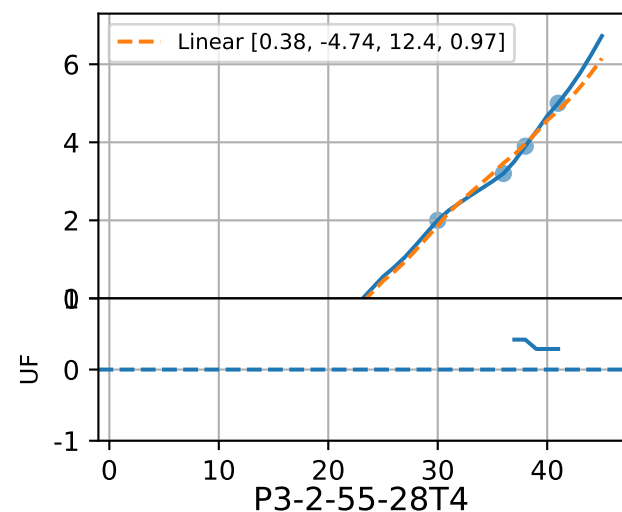
P3-2-40-6T3



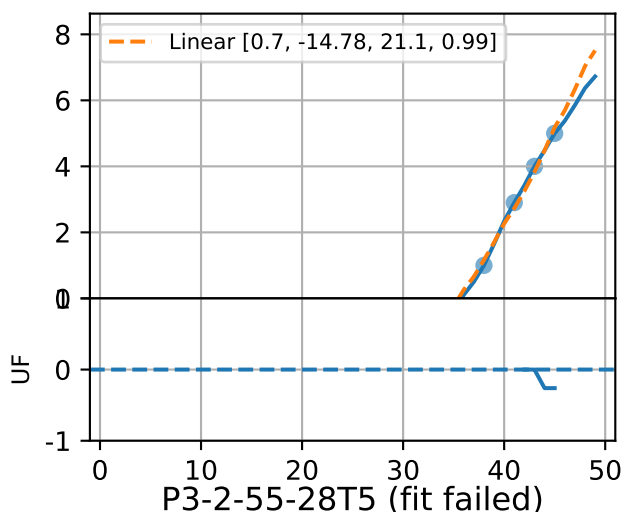
P3-2-40-6T4 (fit failed)



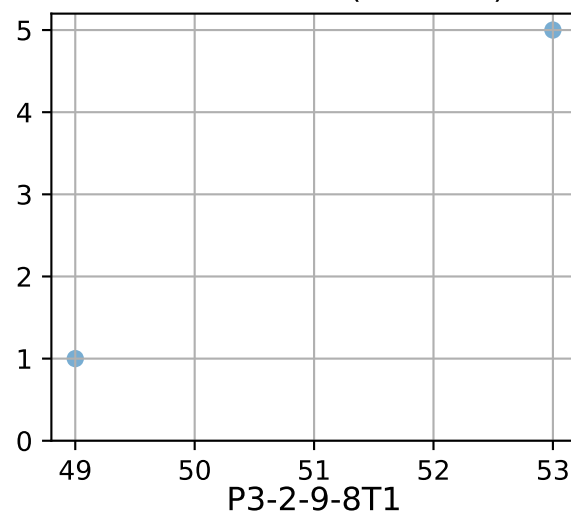
P3-2-55-28T1



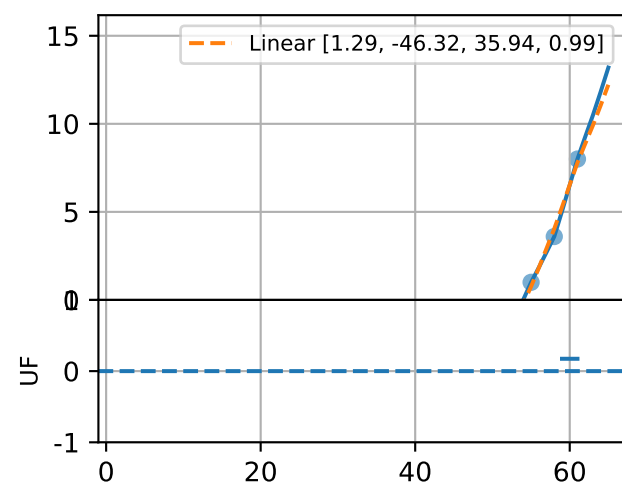
P3-2-55-28T2



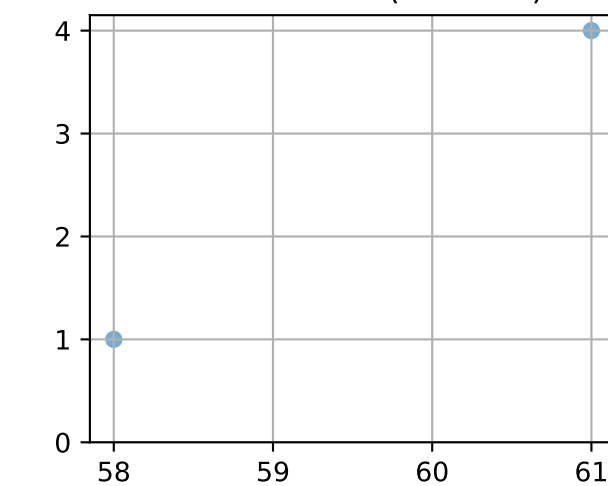
P3-2-55-28T3 (fit failed)



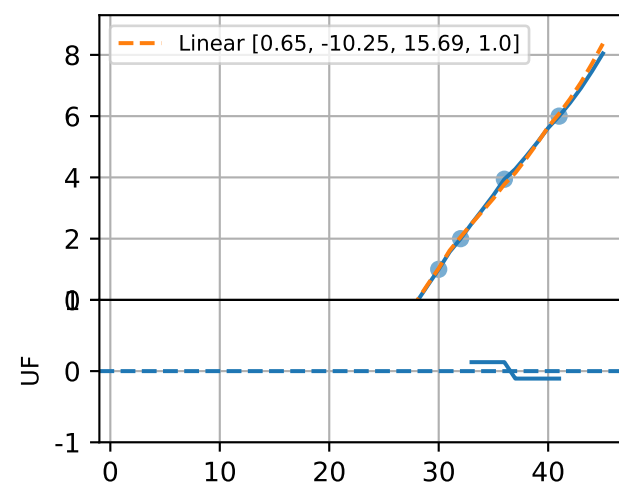
P3-2-55-28T4



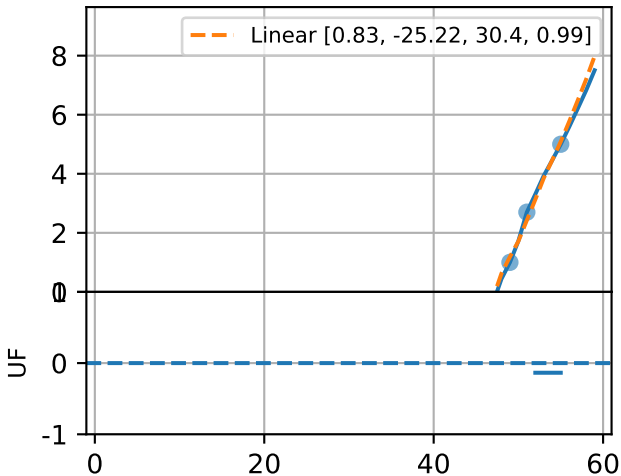
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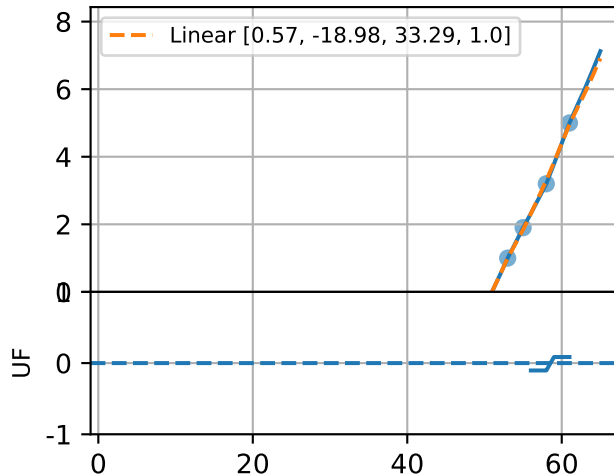
P3-2-9-8T1



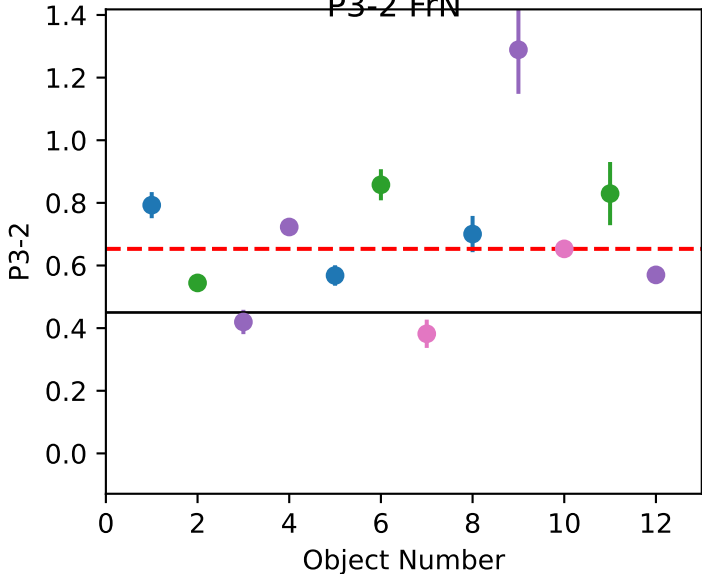
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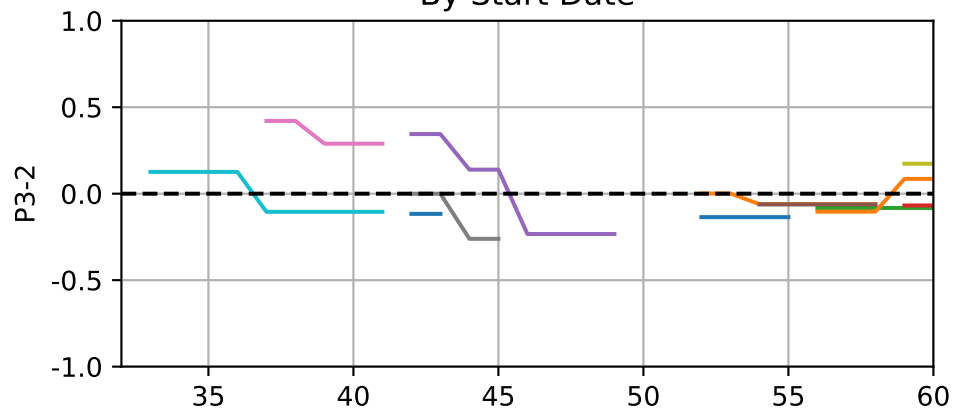
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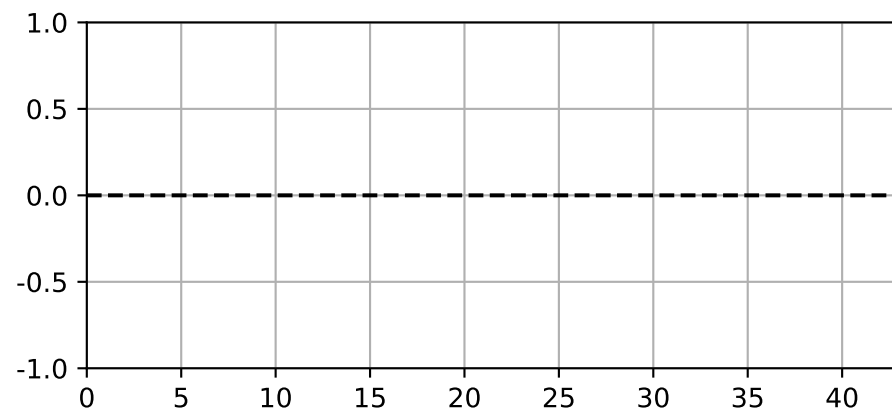
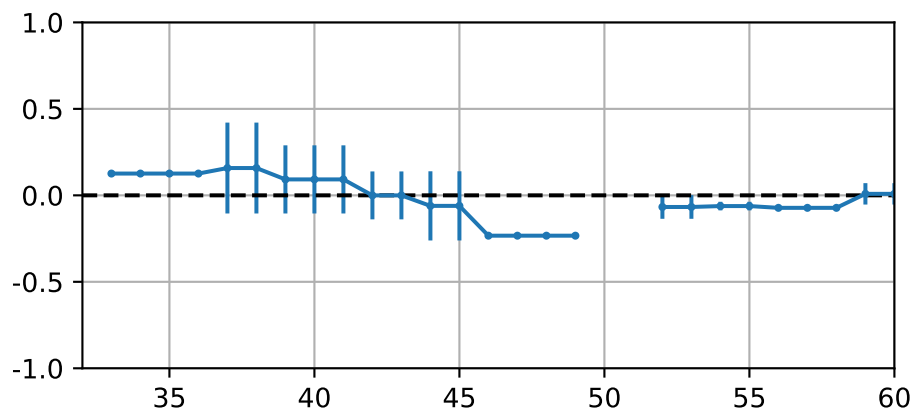
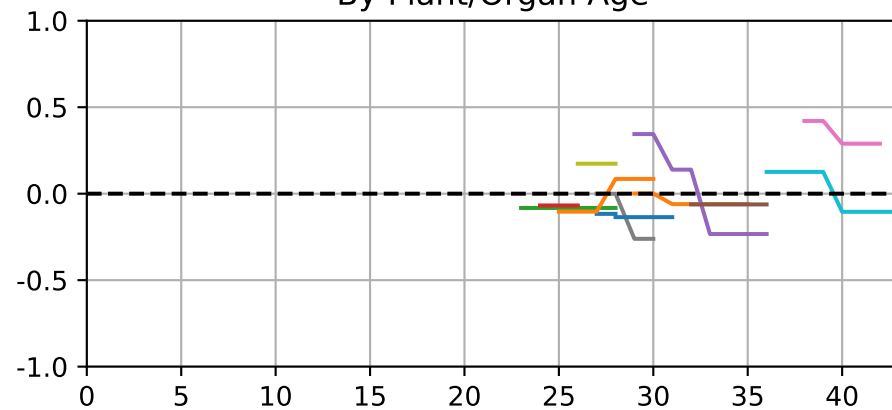
a (Def=0.45 Set=0.65)
avg1=0.65~24% avg2=na
P3-2 FrN



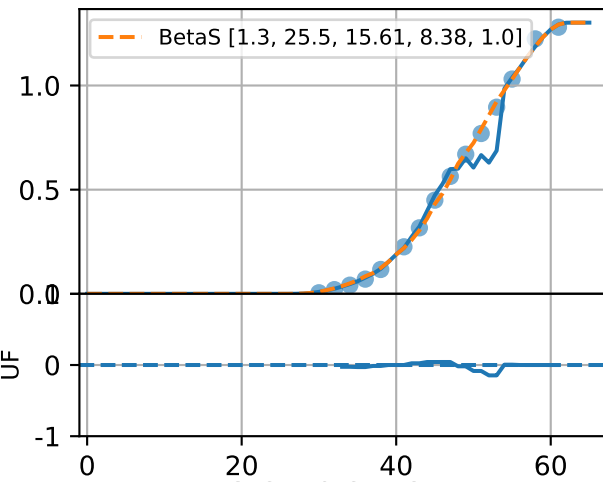
By Start Date



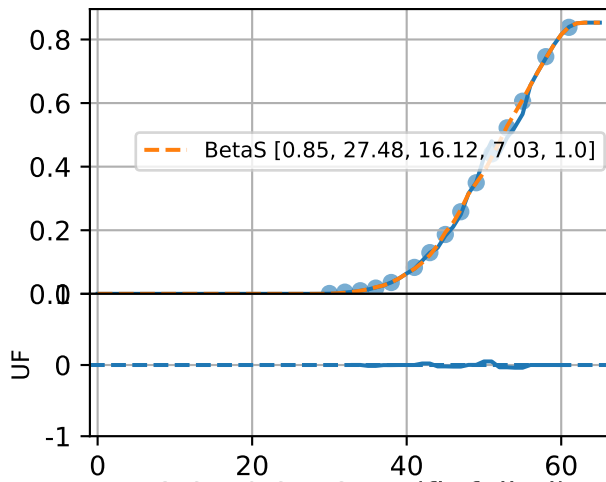
By Plant/Organ Age



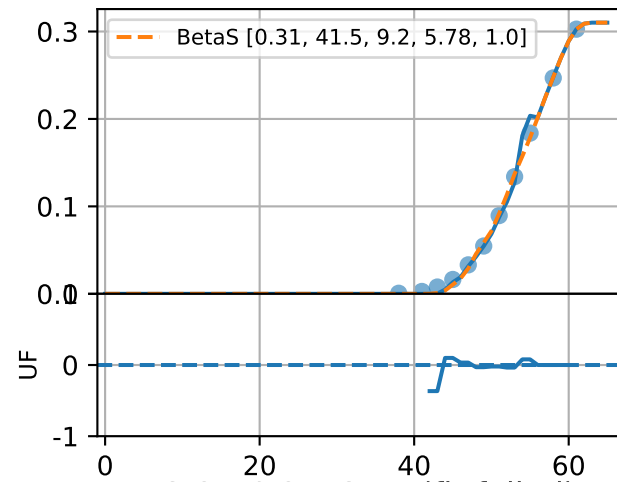
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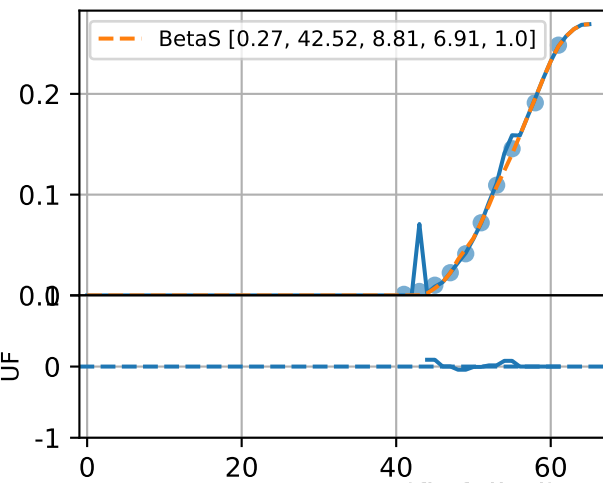
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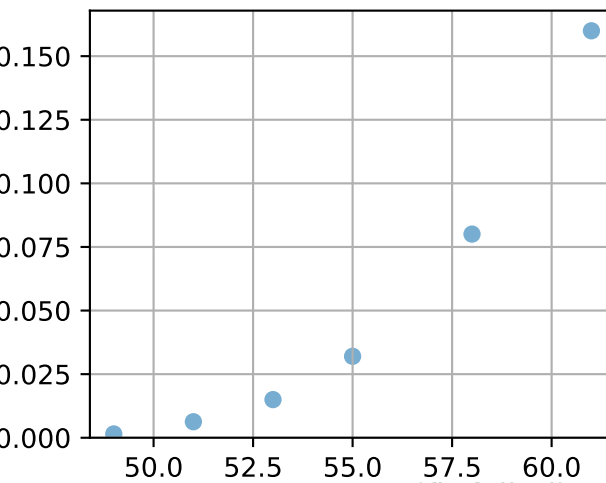
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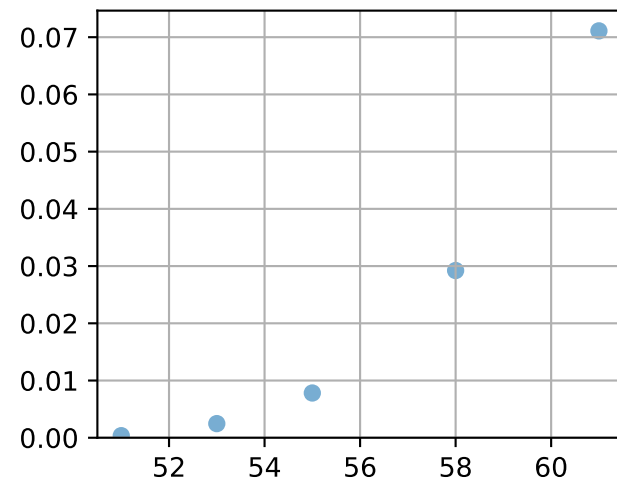
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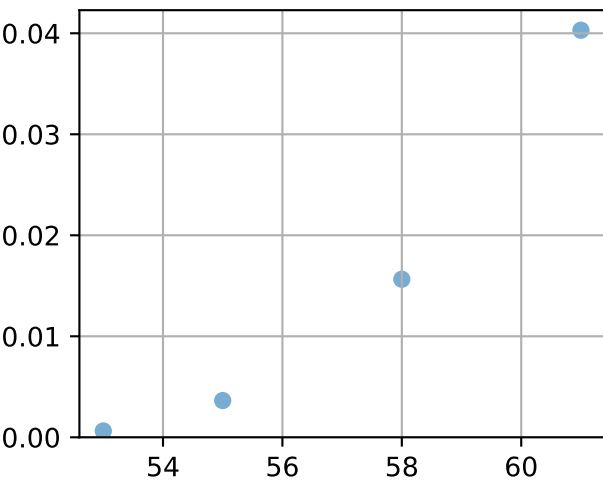
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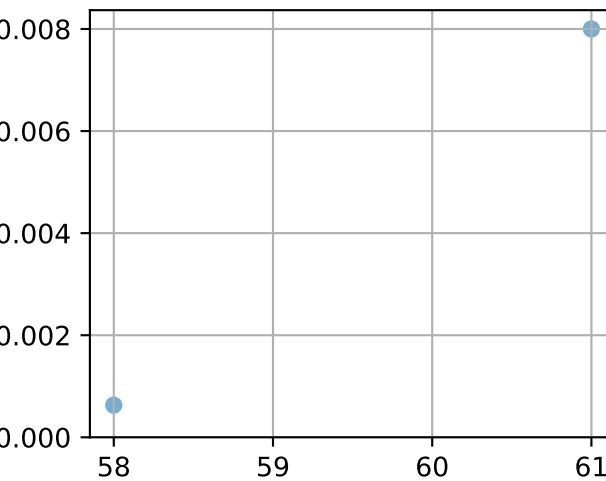
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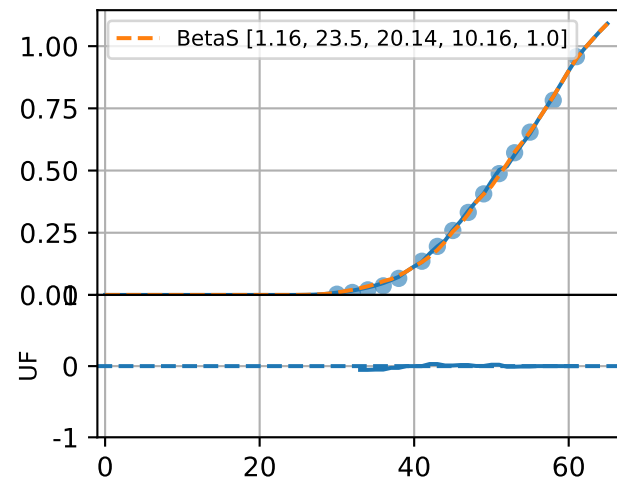
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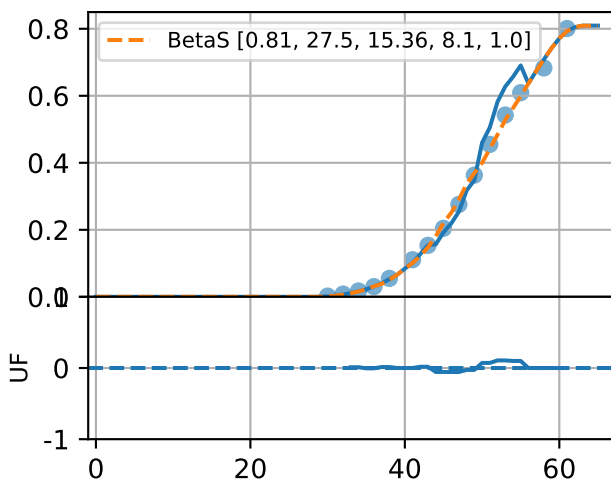
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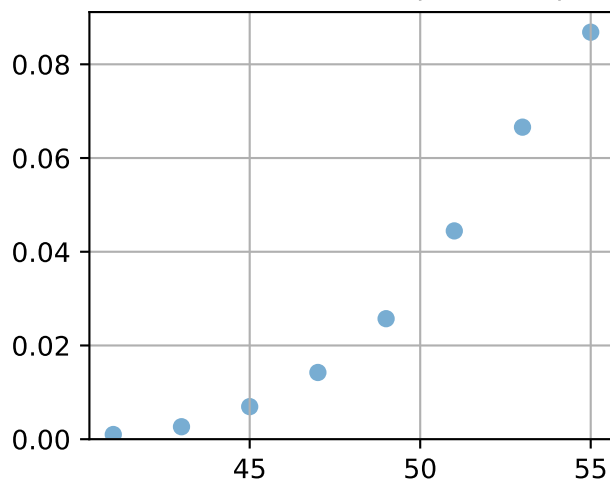
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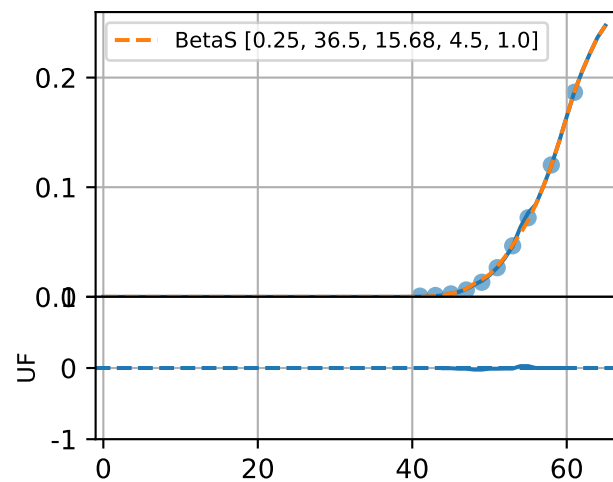
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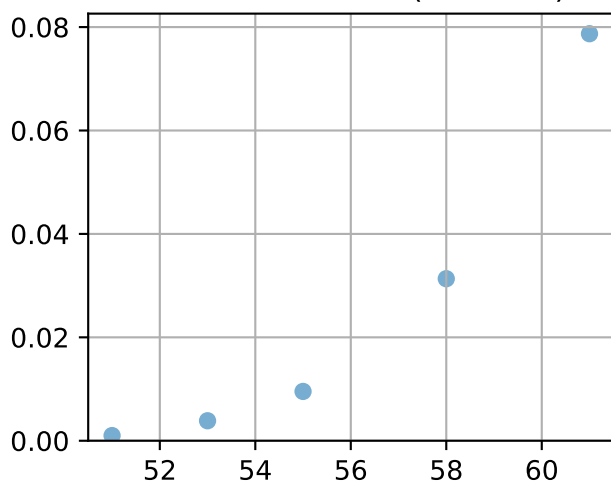
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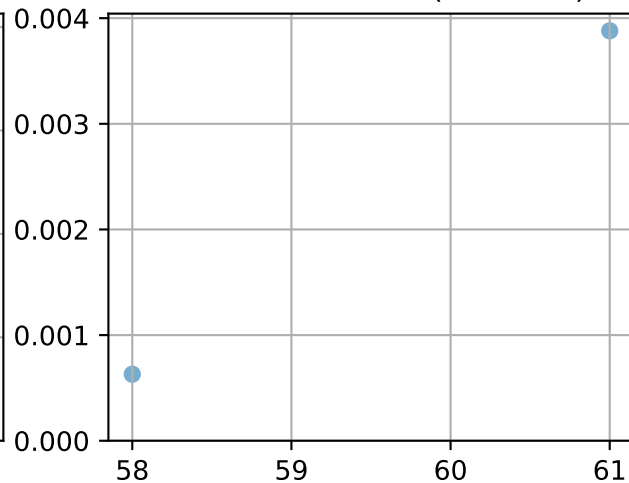
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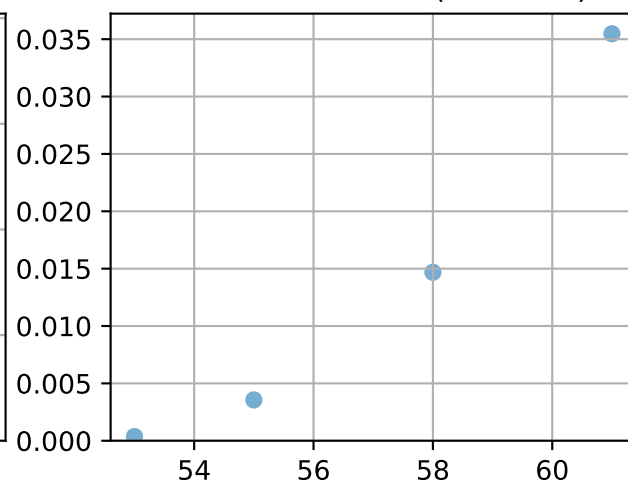
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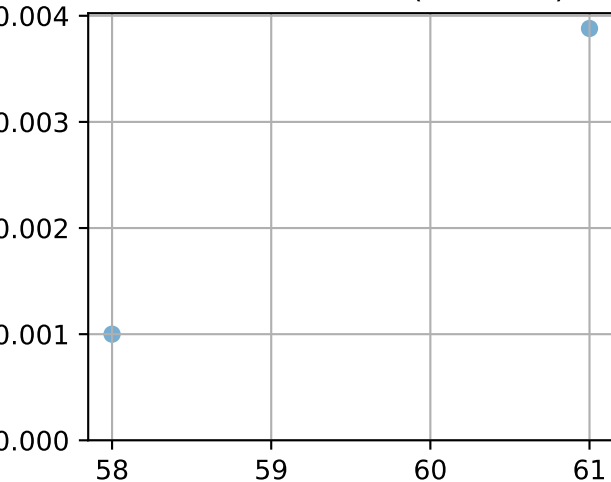
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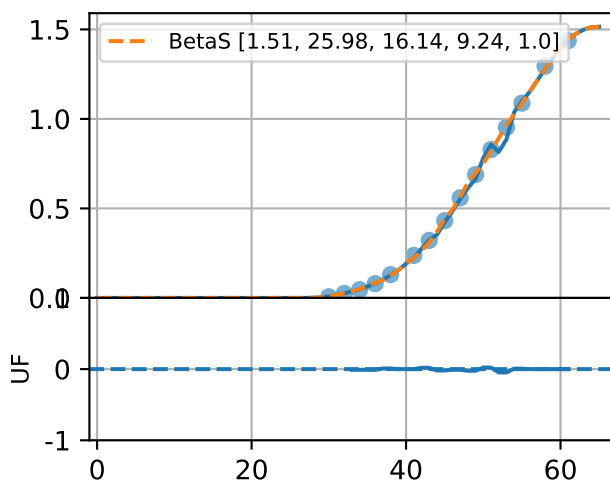
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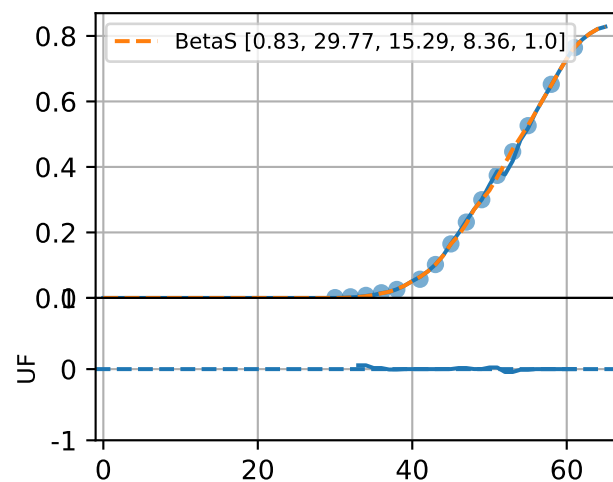
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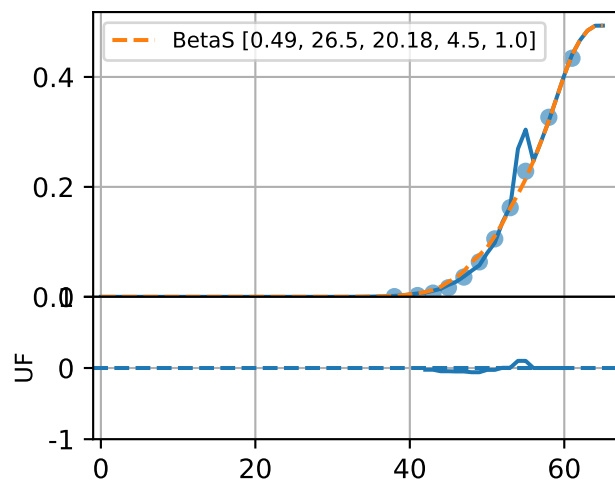
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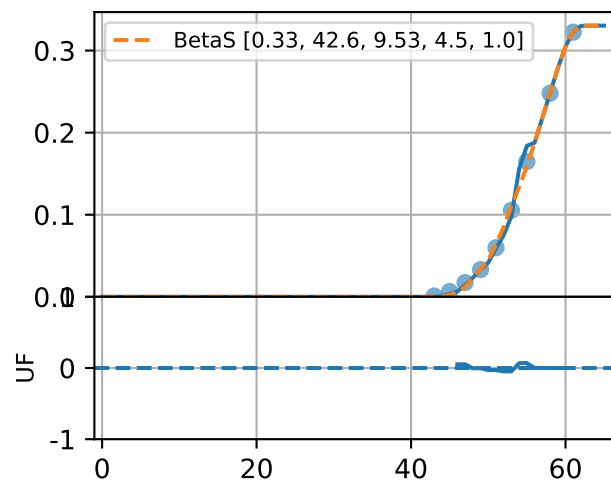
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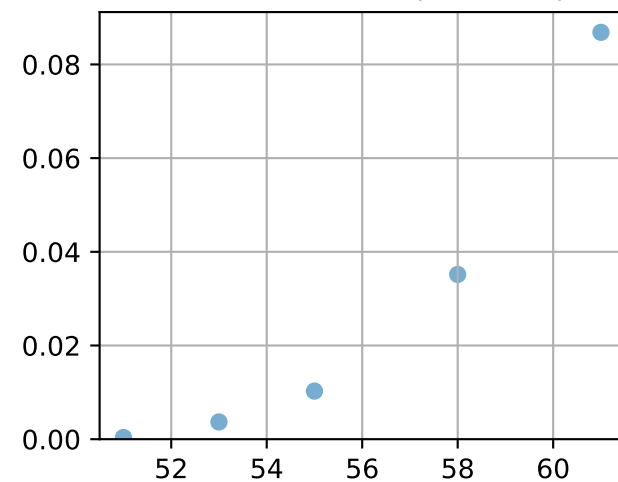
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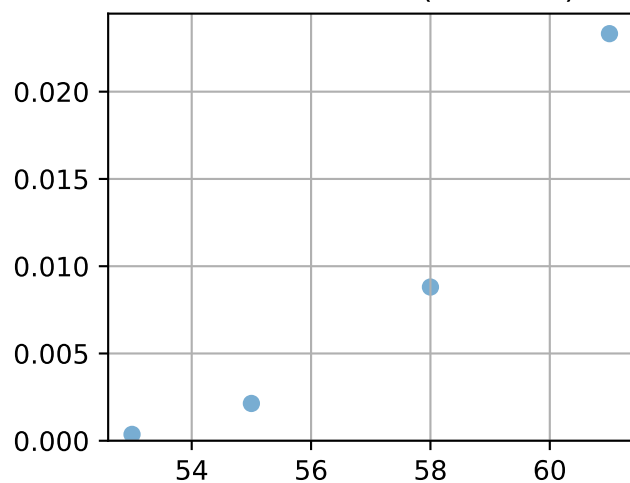
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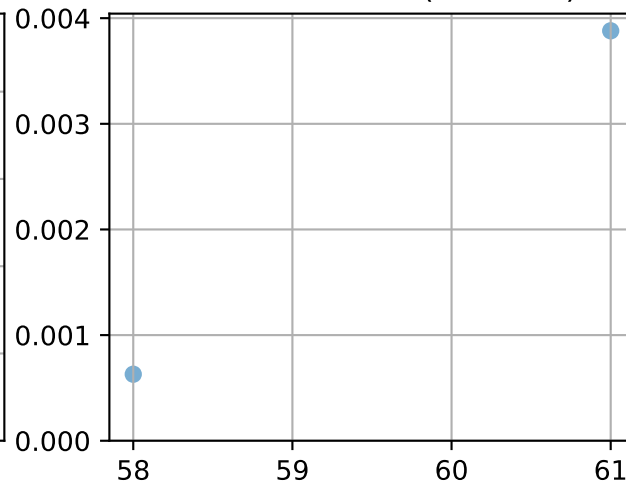
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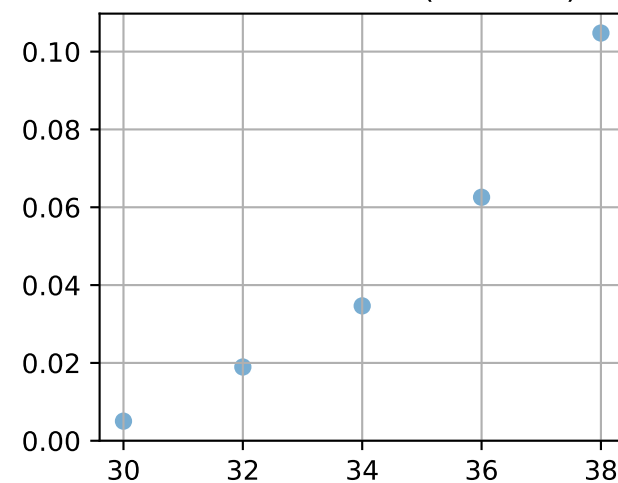
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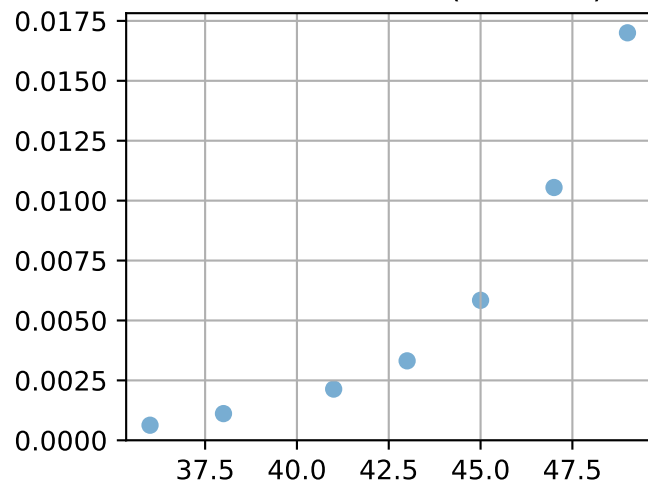
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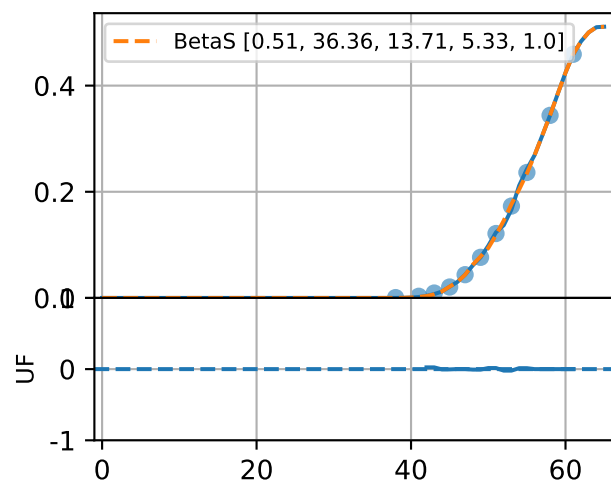
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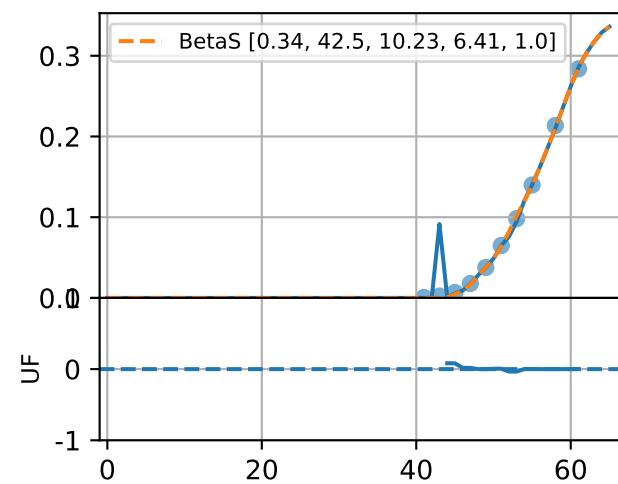
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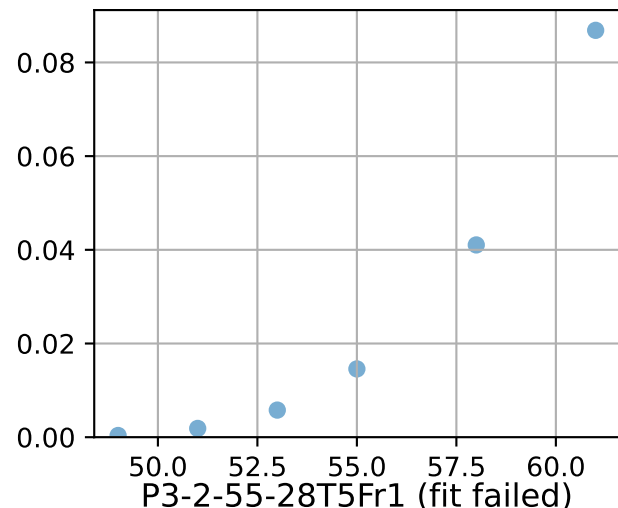


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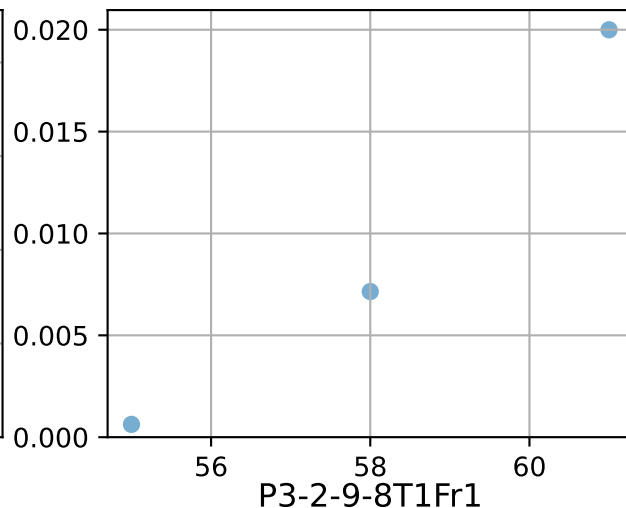


FrV

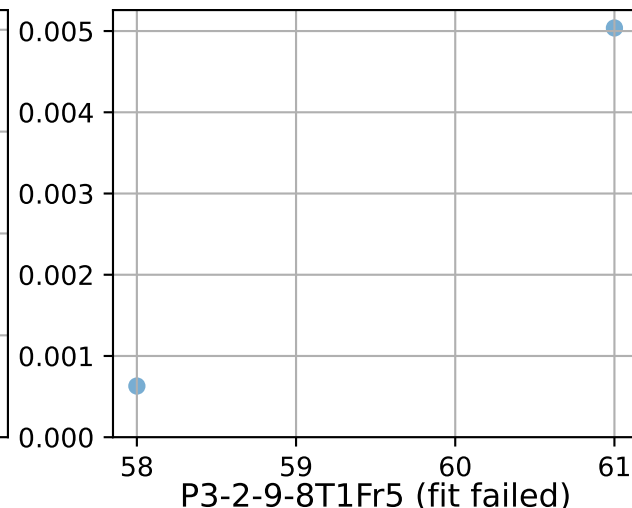
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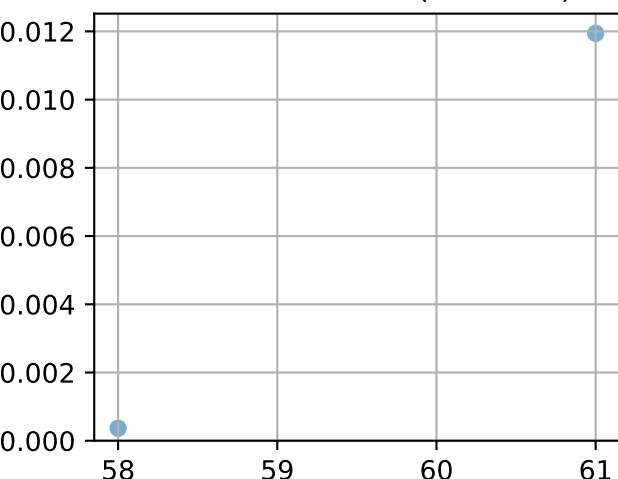
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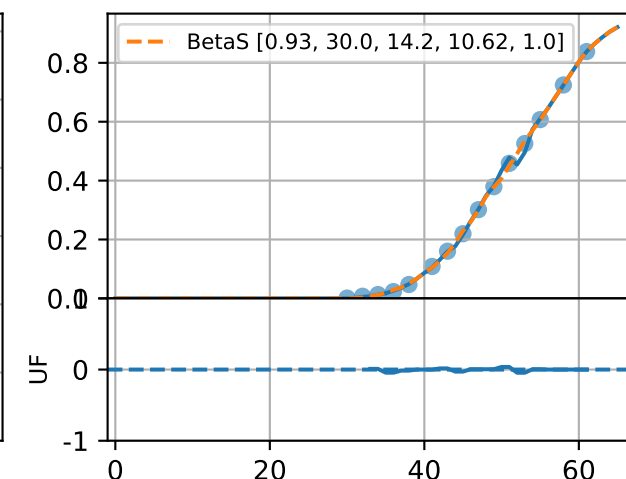
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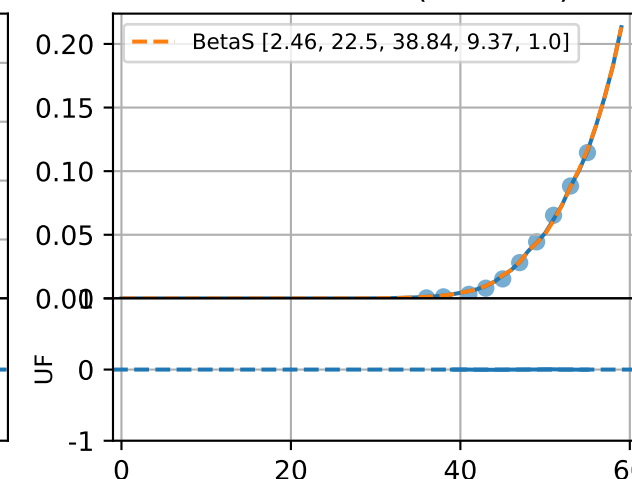
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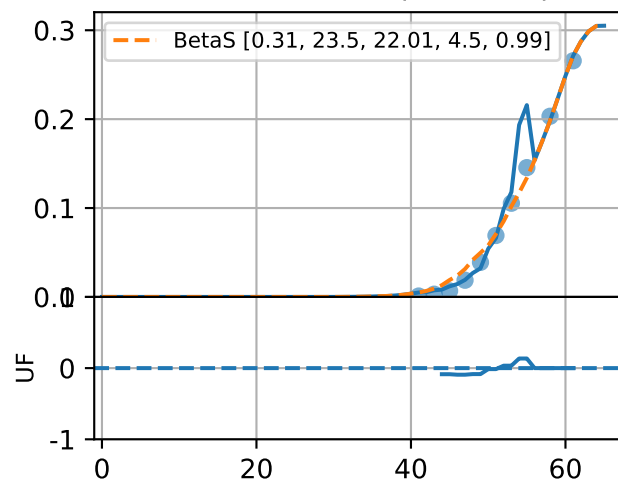
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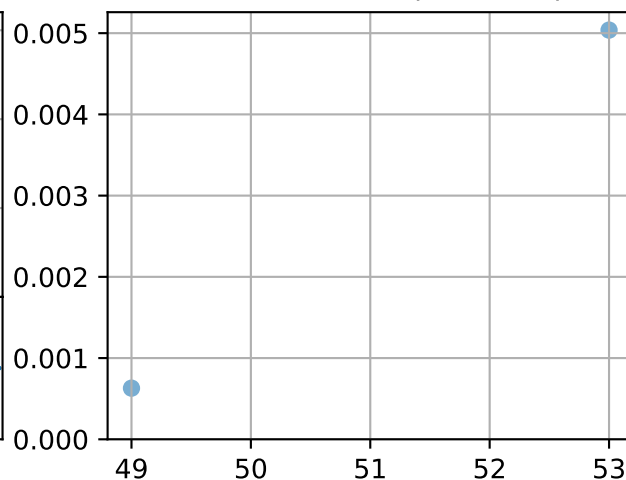
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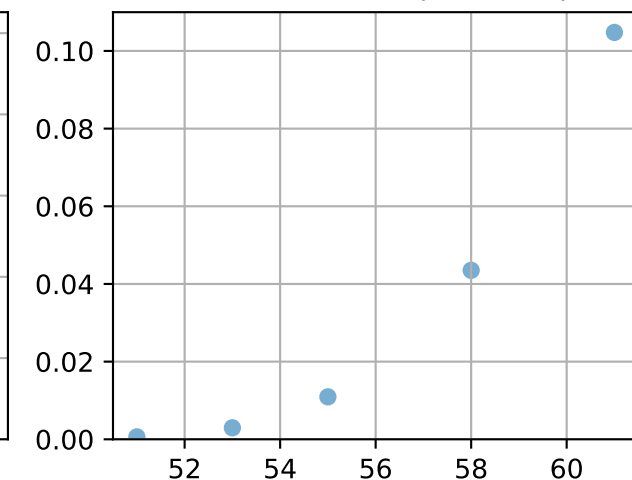
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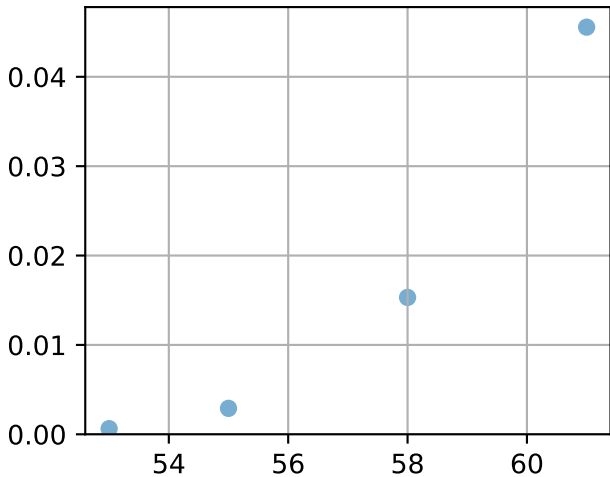
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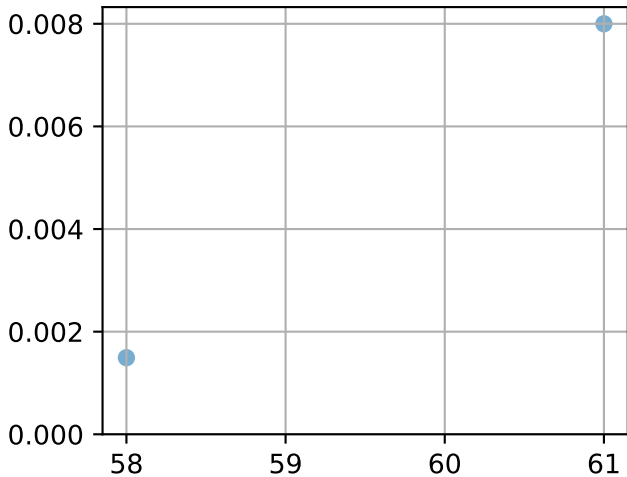
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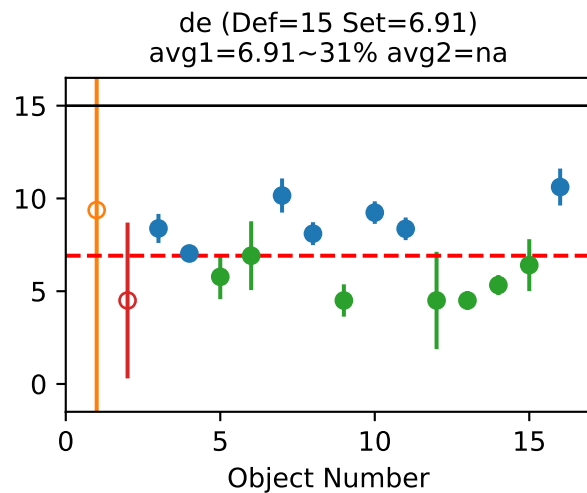
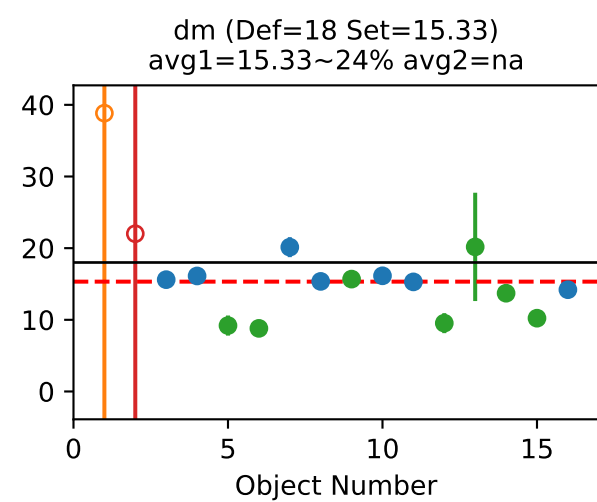
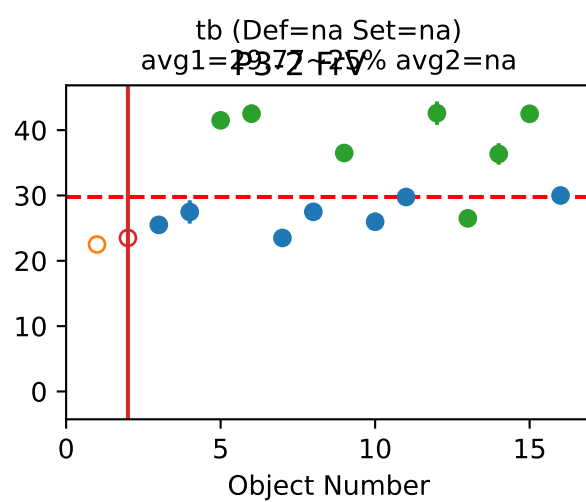
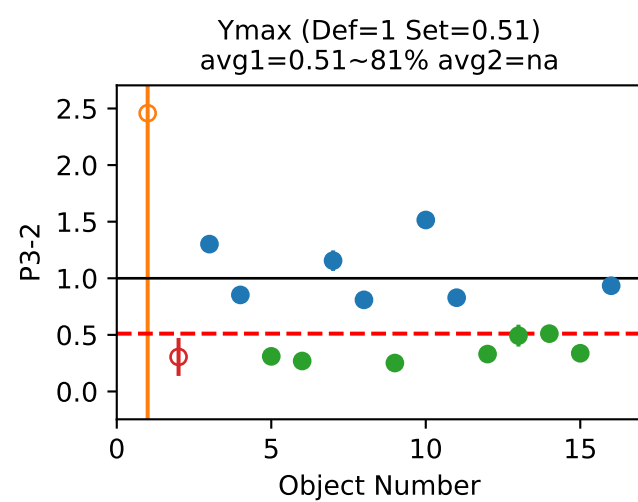


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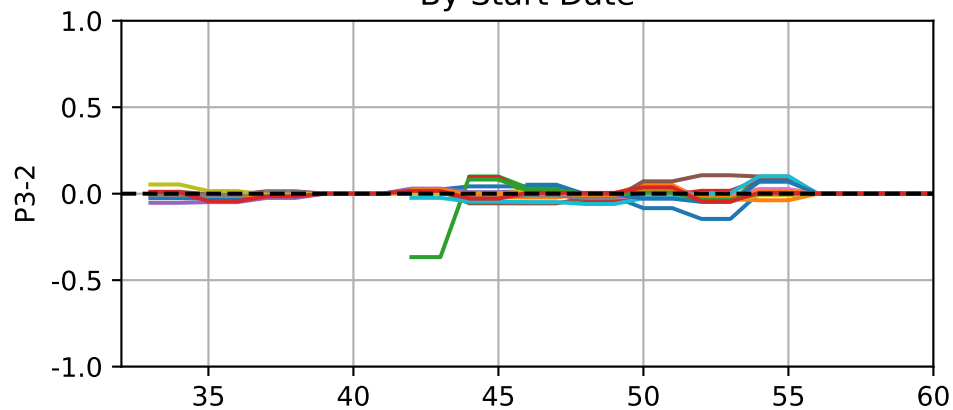


P3-2-9-8T4Fr5 (fit failed)

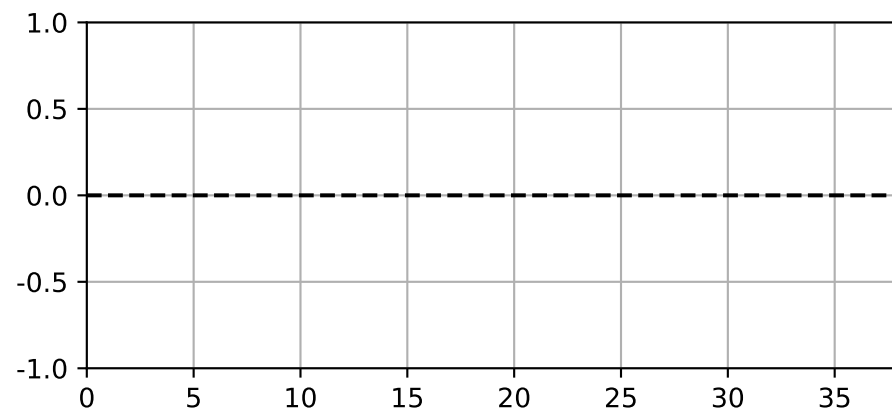
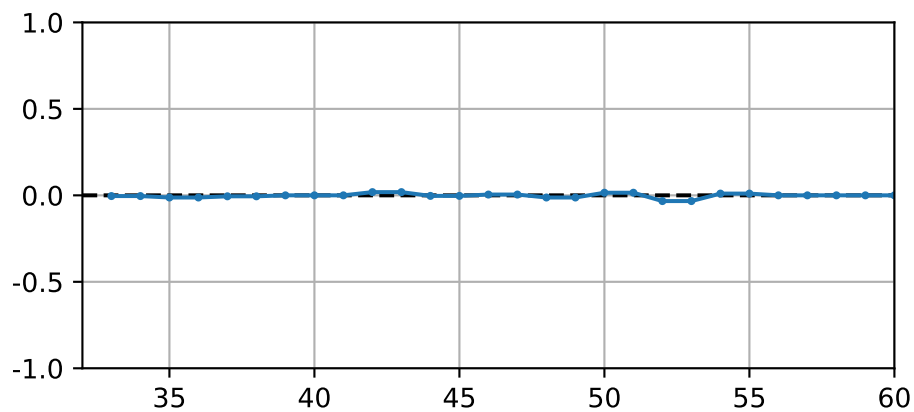
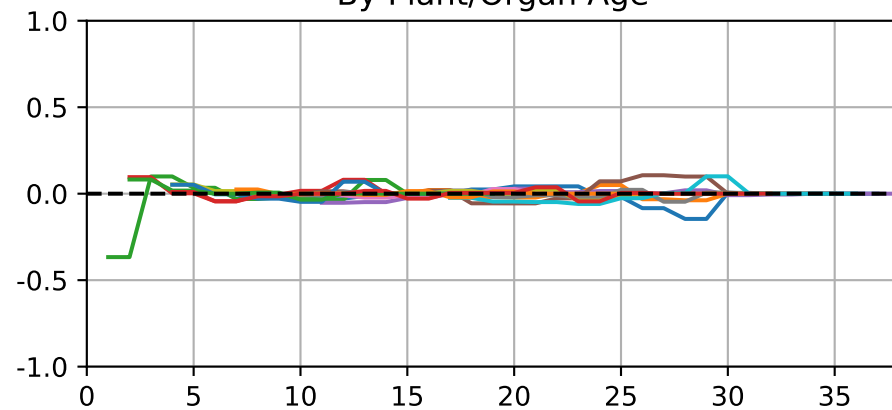




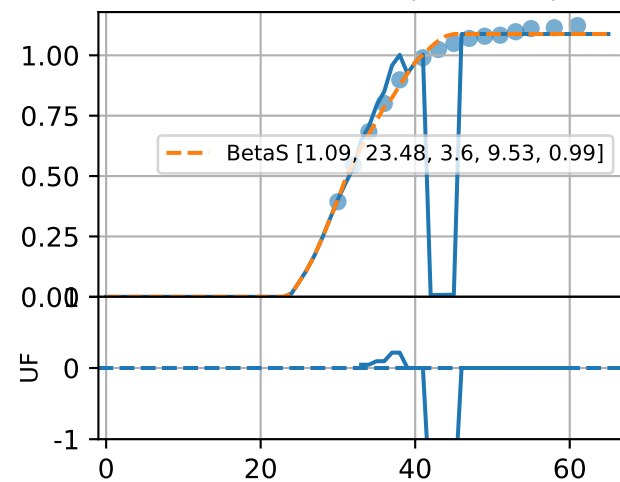
By Start Date



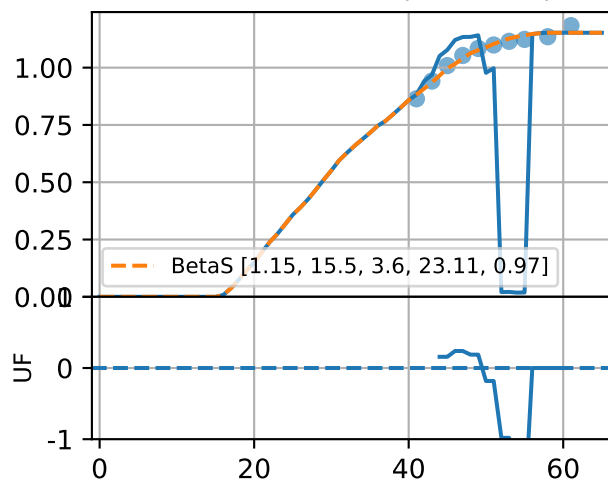
By Plant/Organ Age



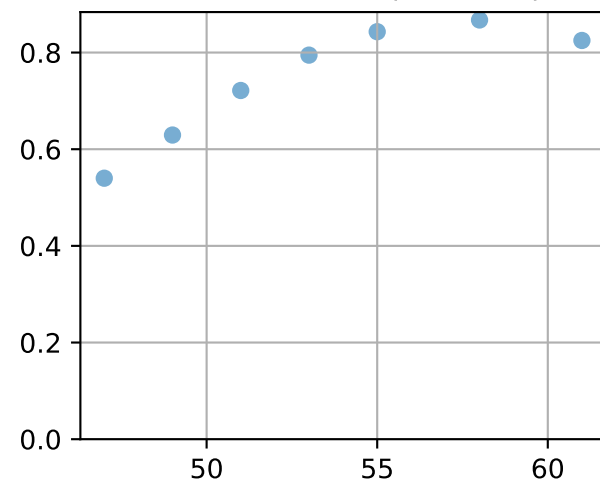
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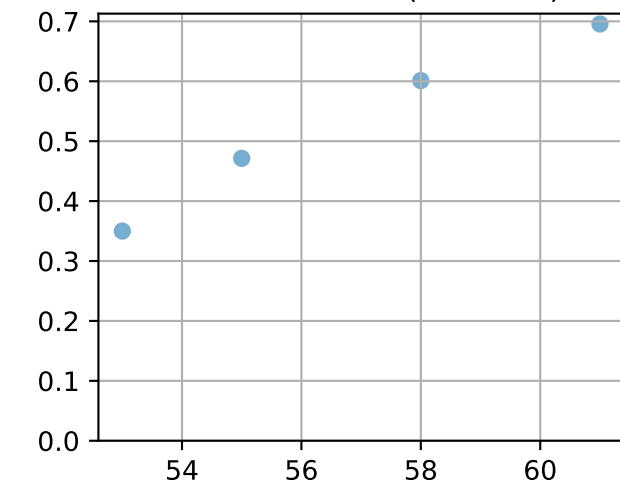
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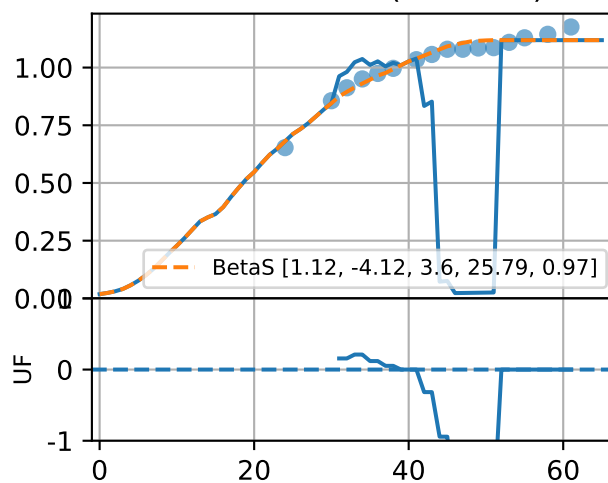
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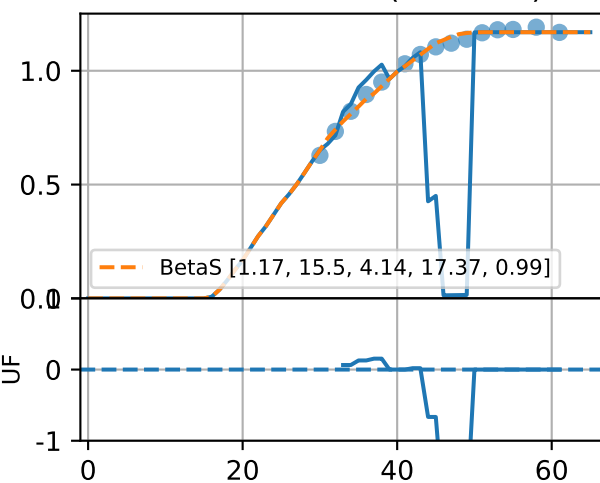
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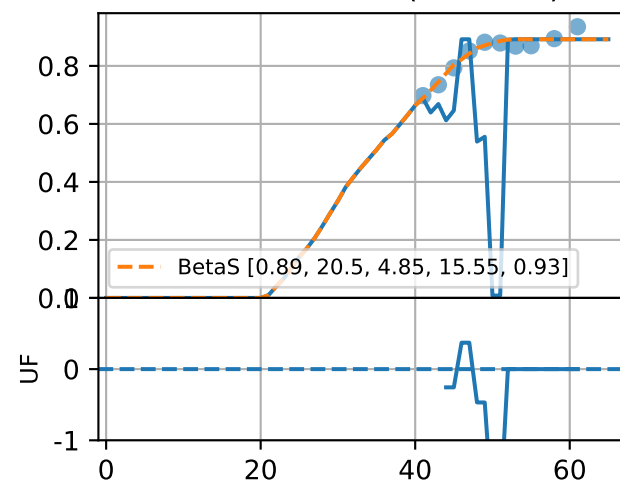
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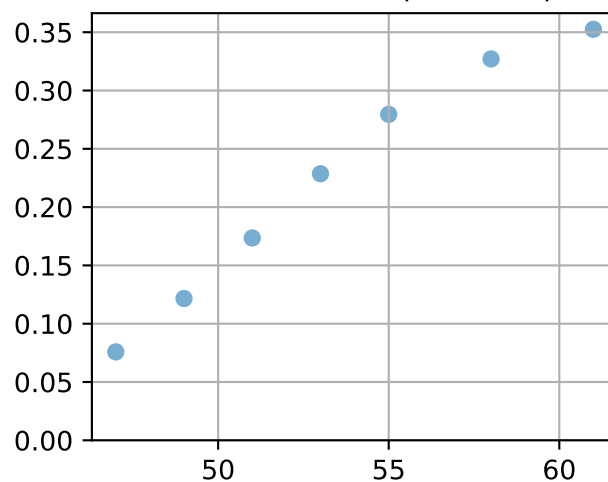
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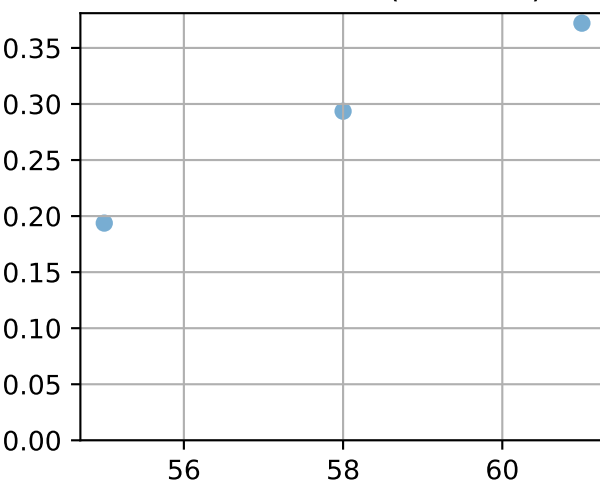
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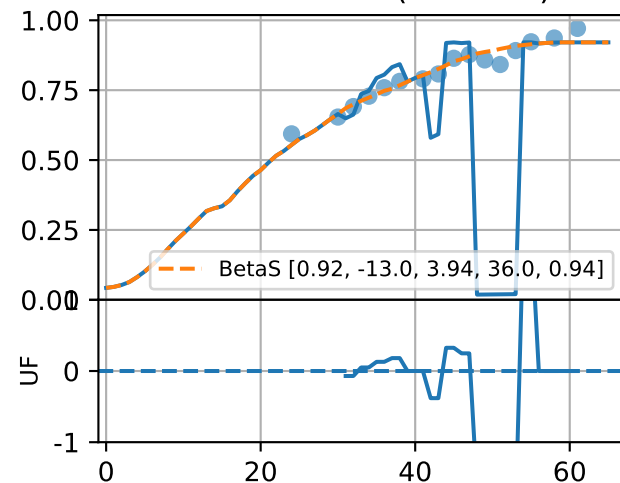


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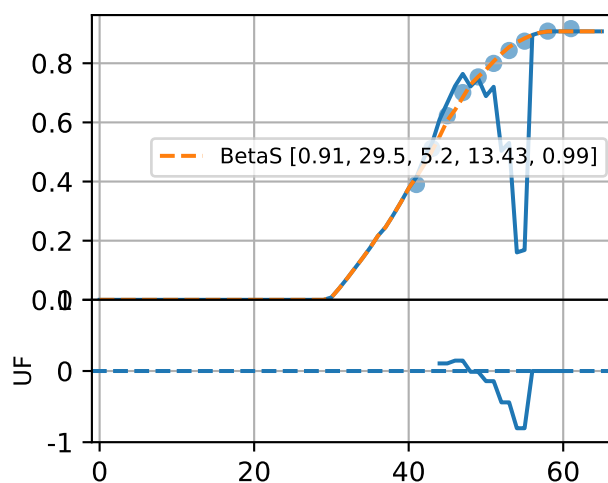


lfa

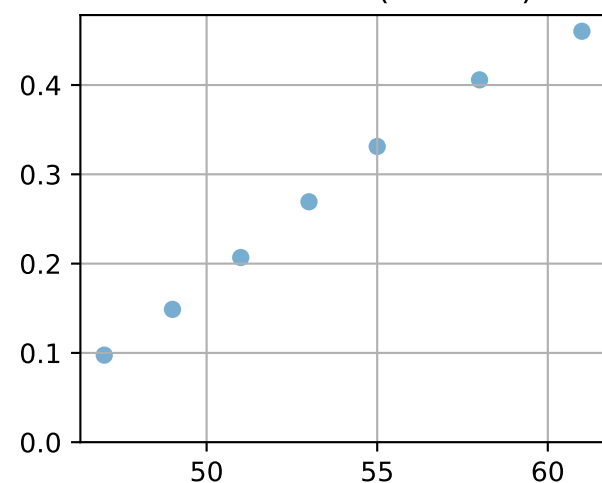
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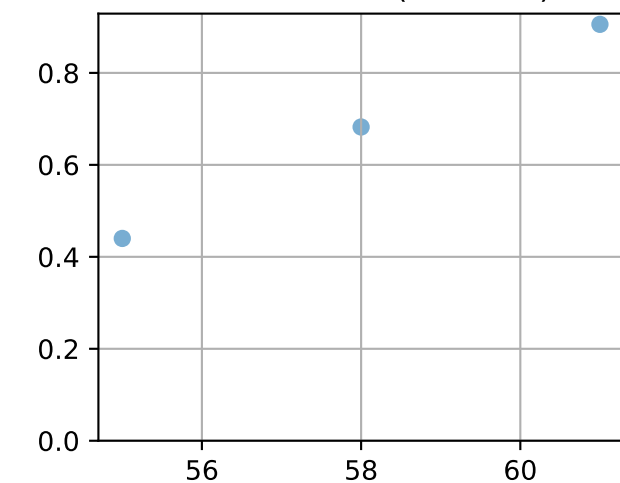
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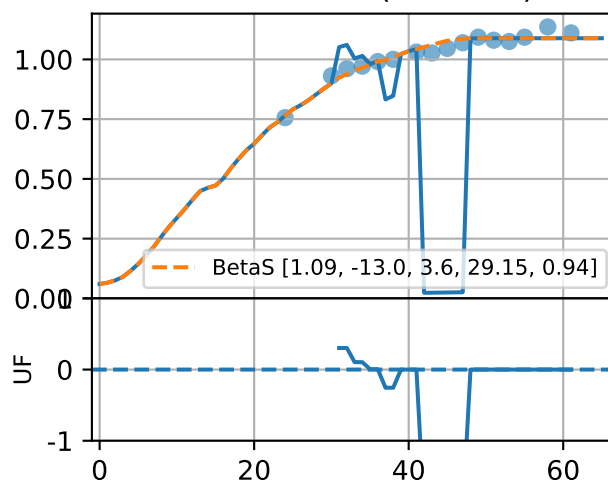
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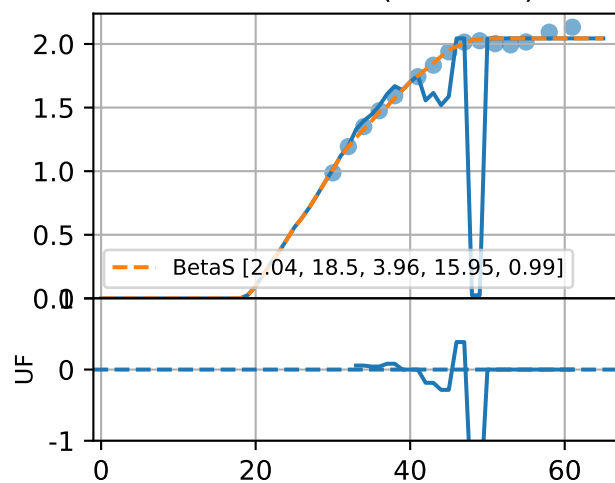
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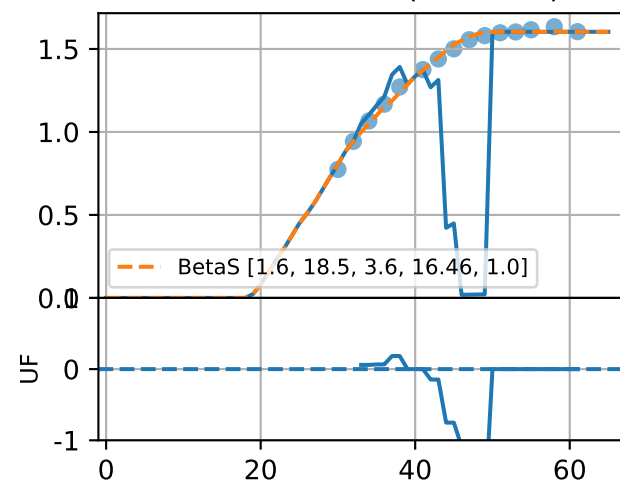
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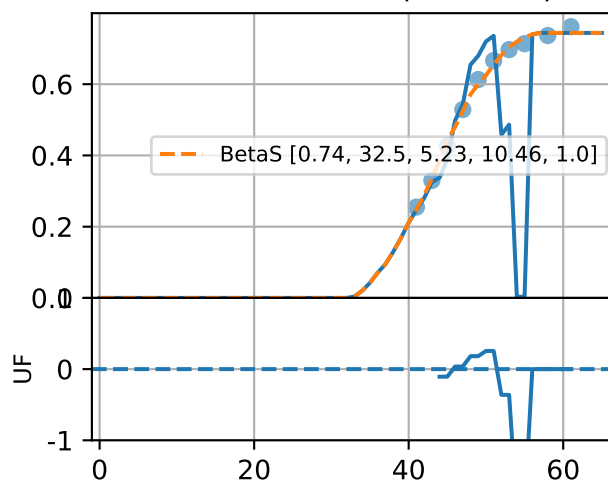
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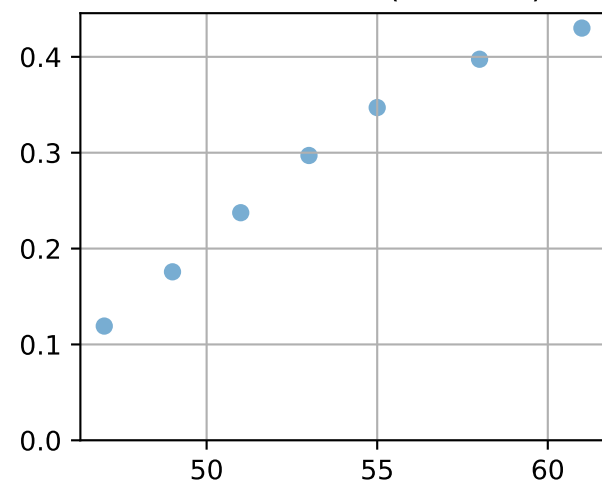
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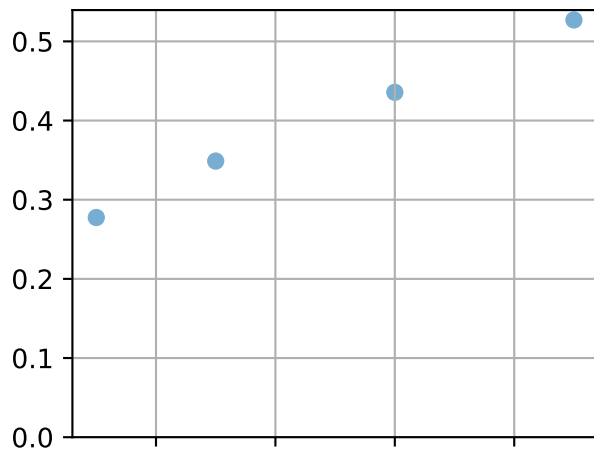
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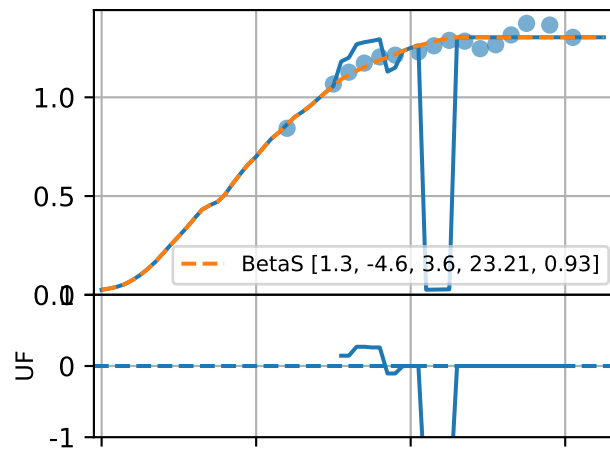
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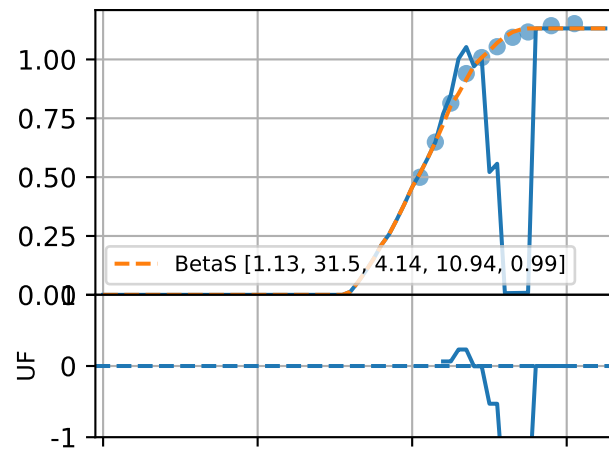
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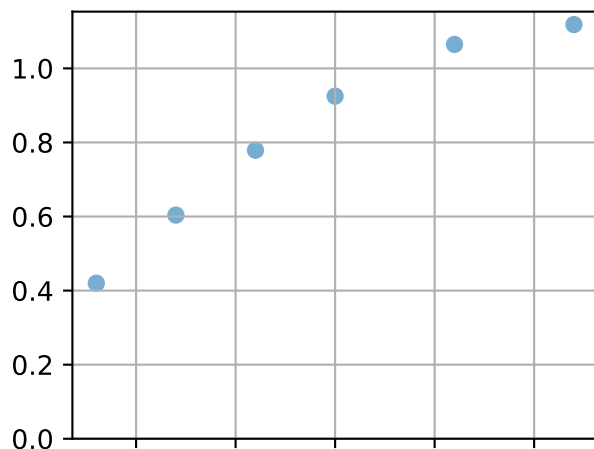
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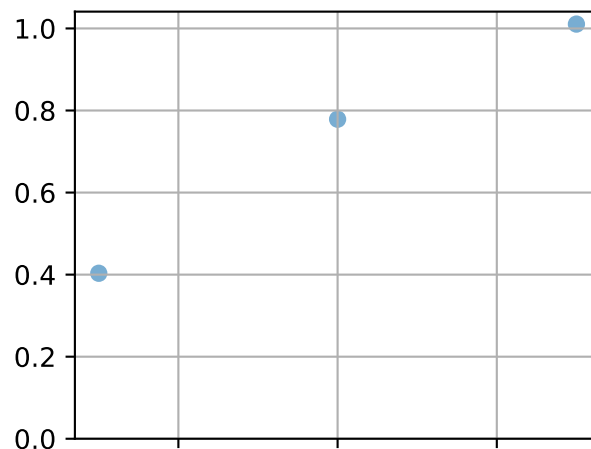
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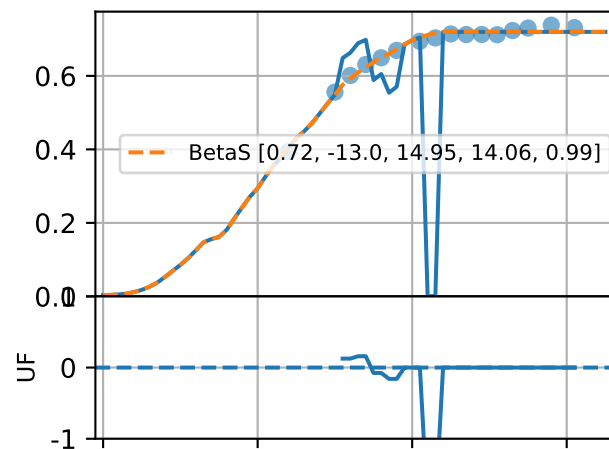
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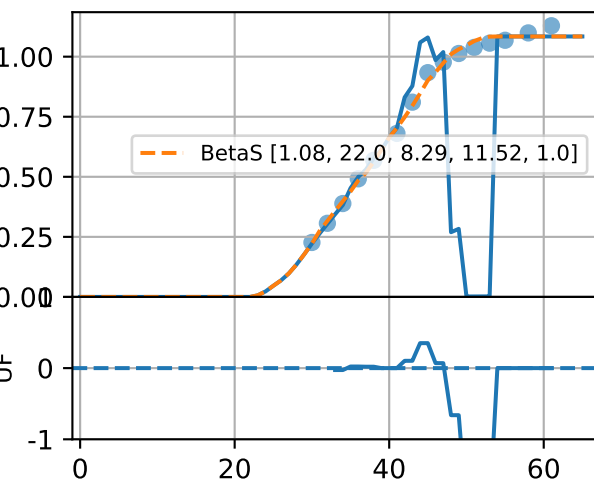
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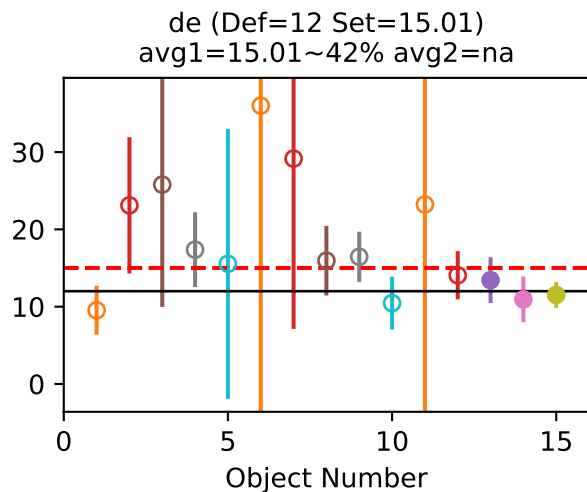
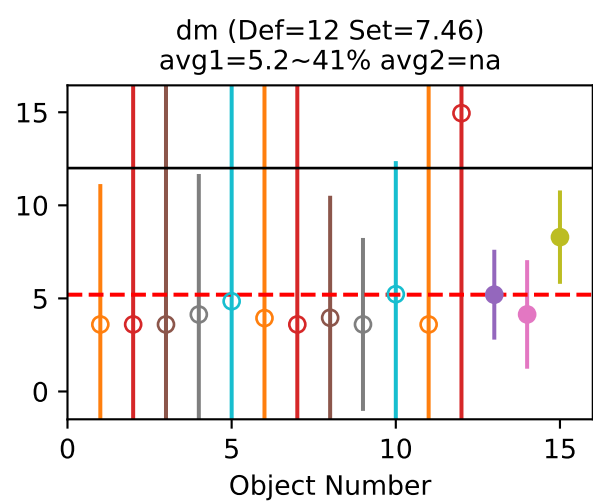
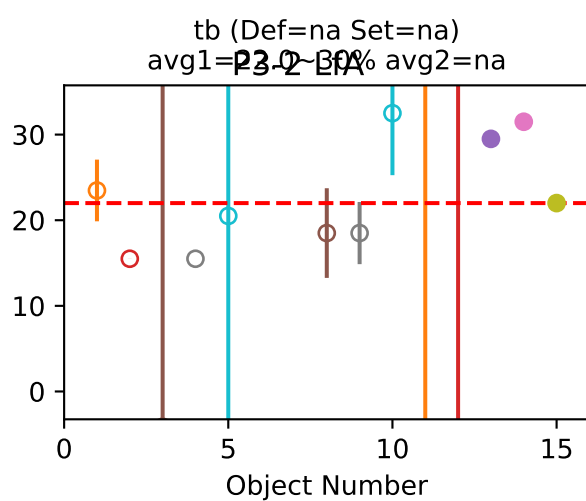
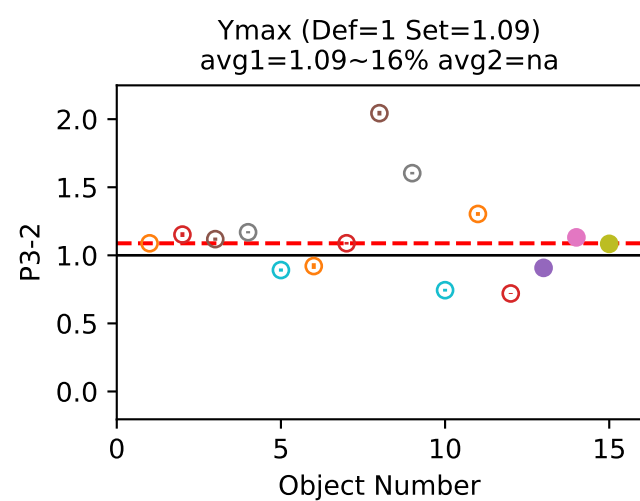


P3-2-9-8L6 (fit failed)

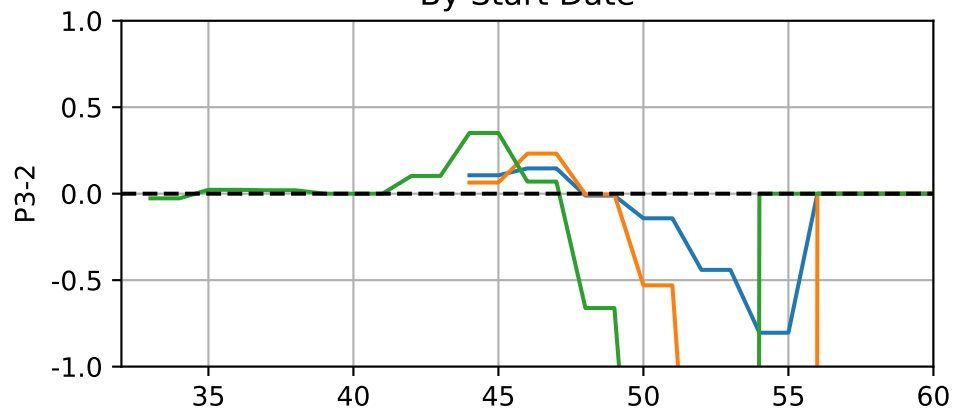


P3-2-9-8L9

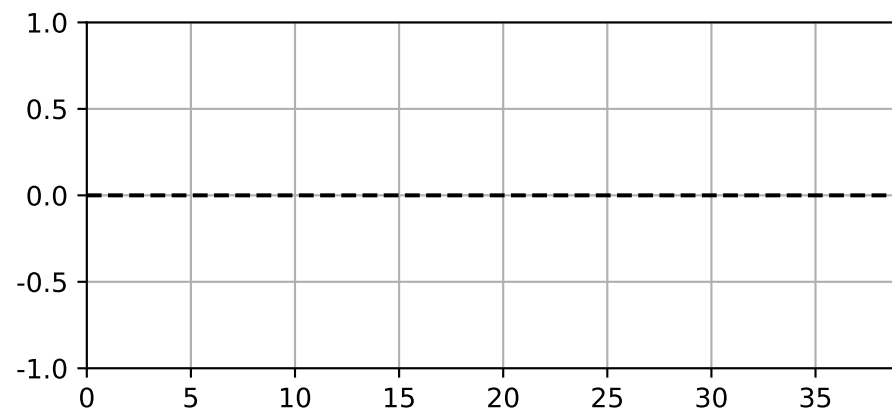
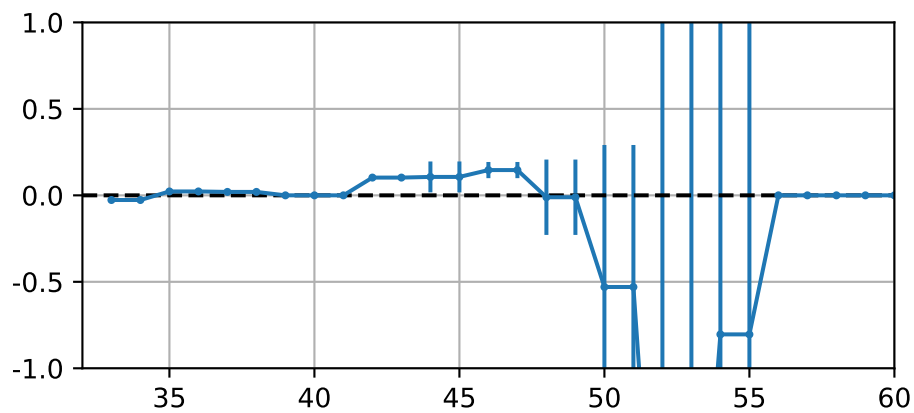
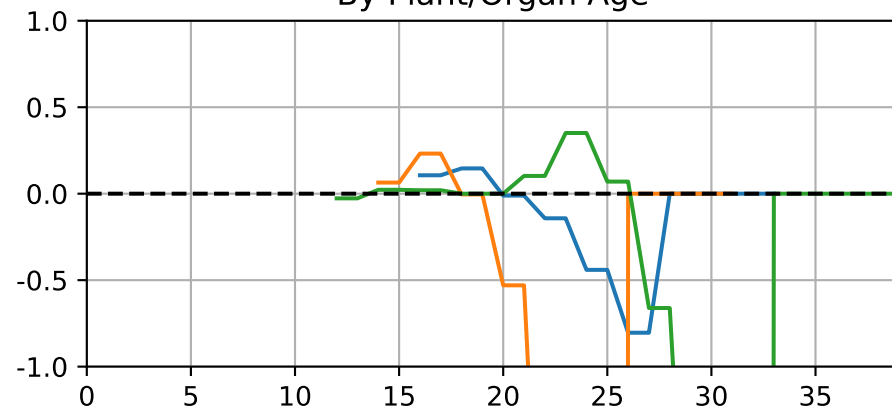


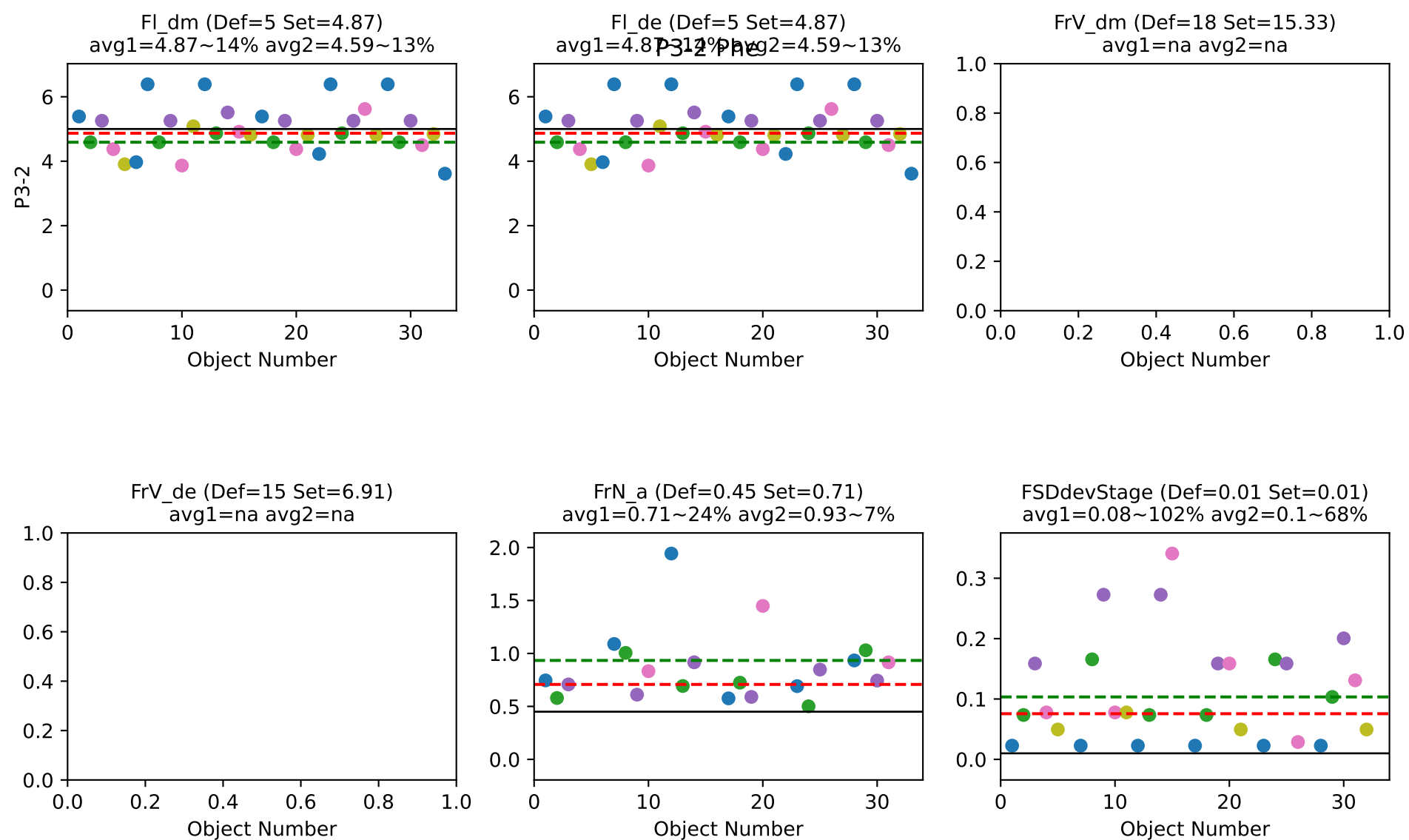


By Start Date

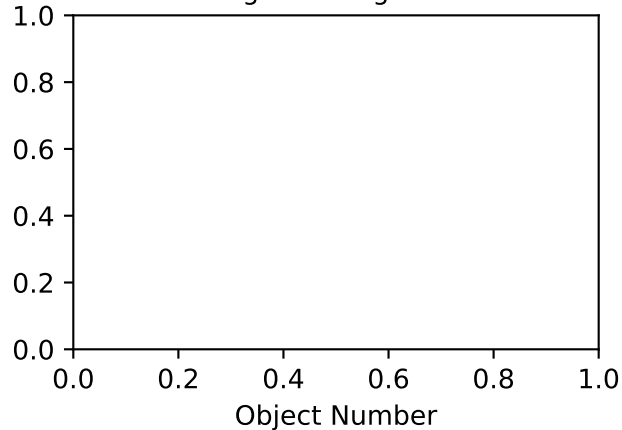


By Plant/Organ Age

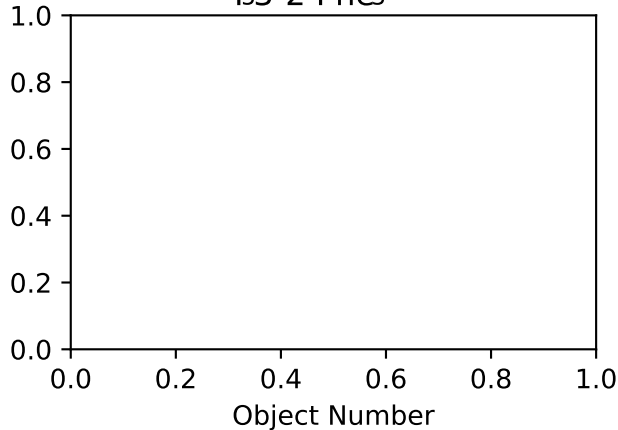




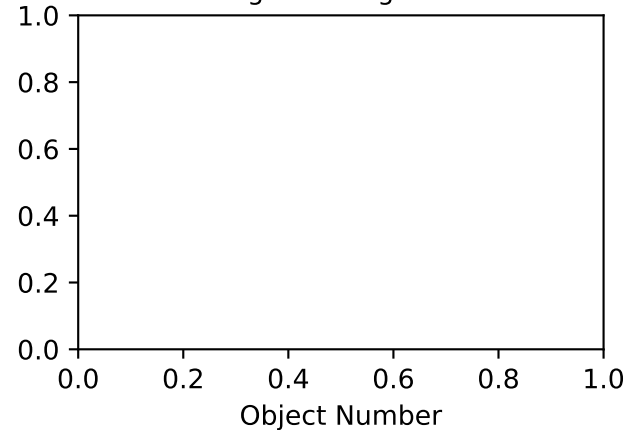
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



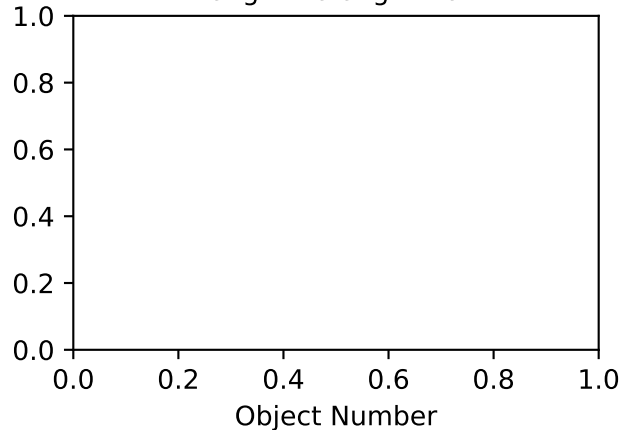
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



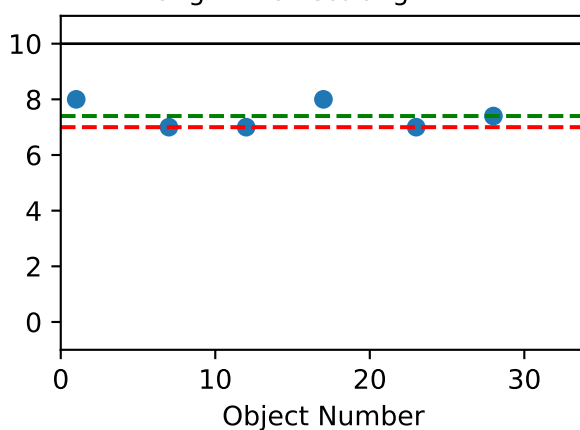
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

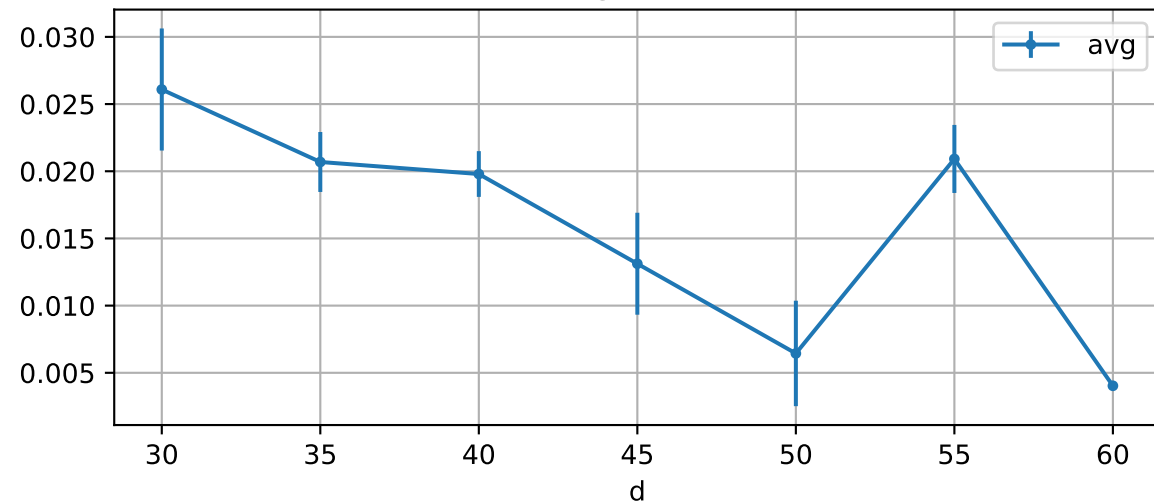


NNgen (Def=10 Set=7)
avg1=7.0~8% avg2=7.4

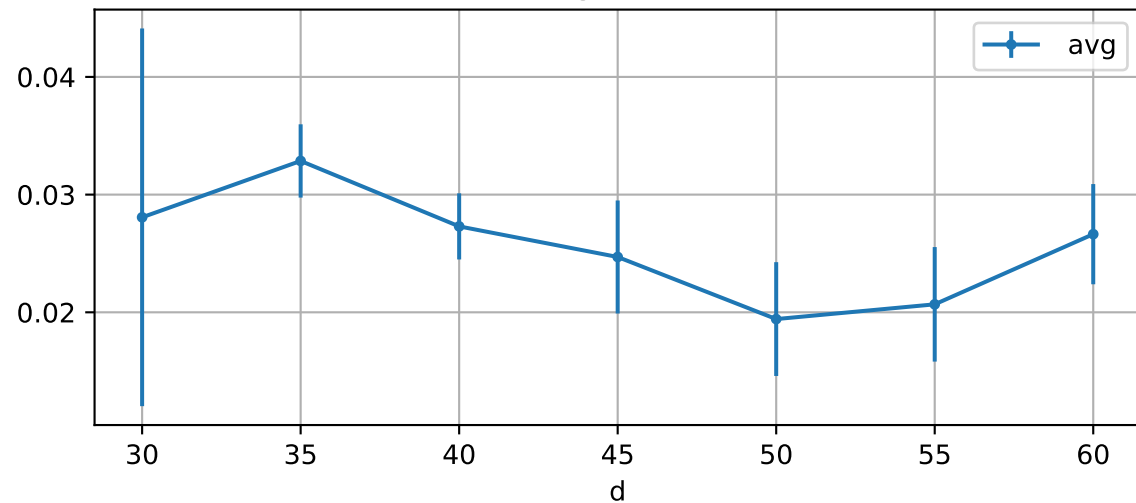


LfA: avg vs. d at each age group

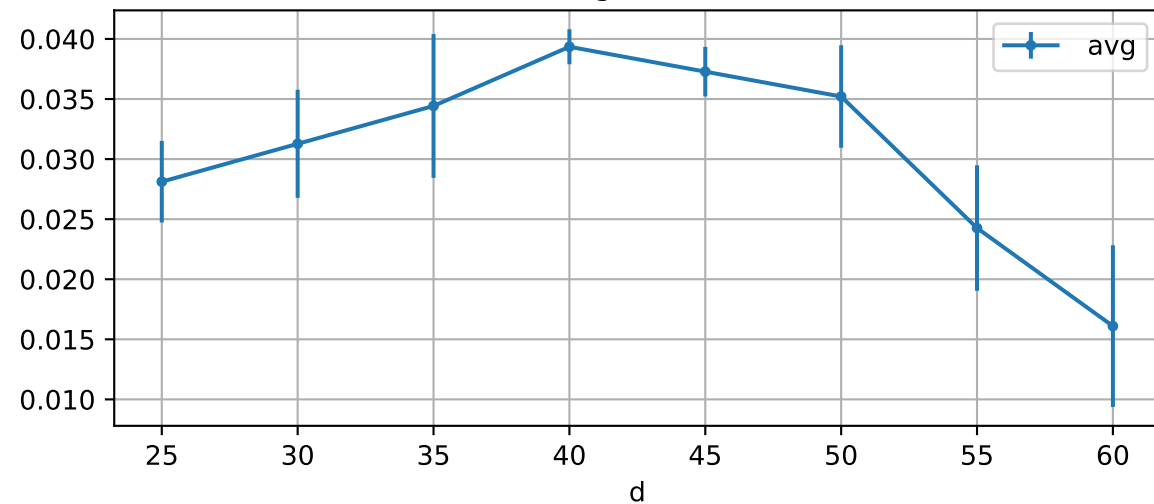
age=15



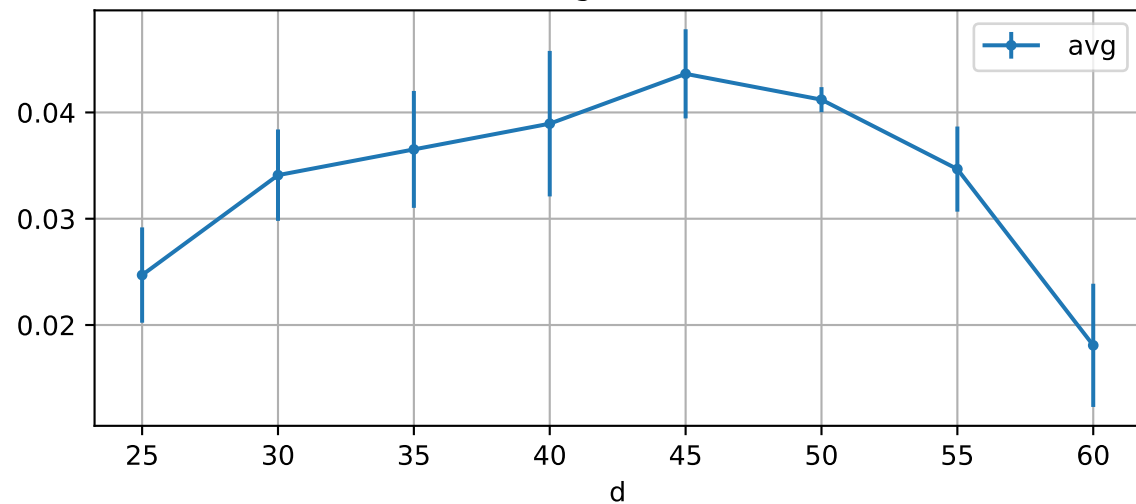
age=20



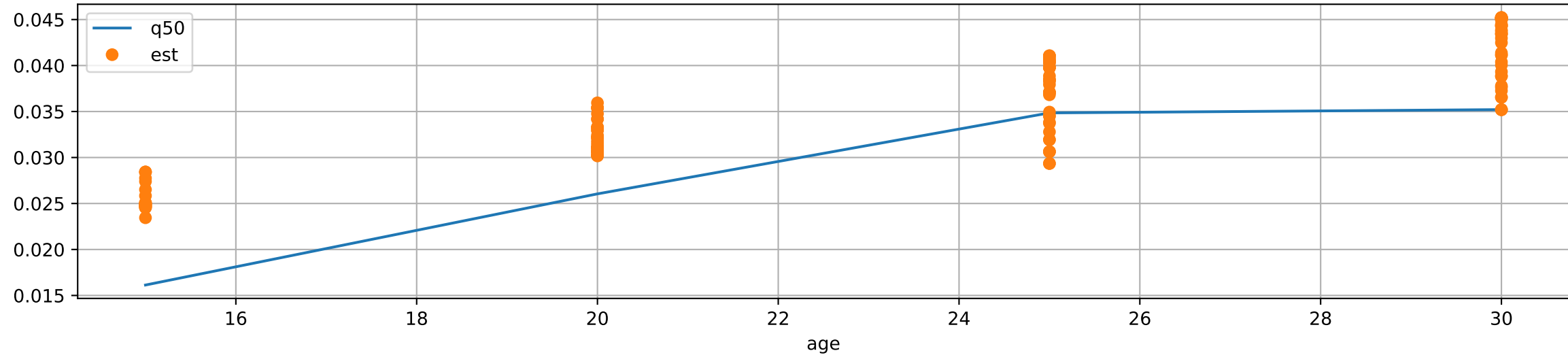
age=25



age=30

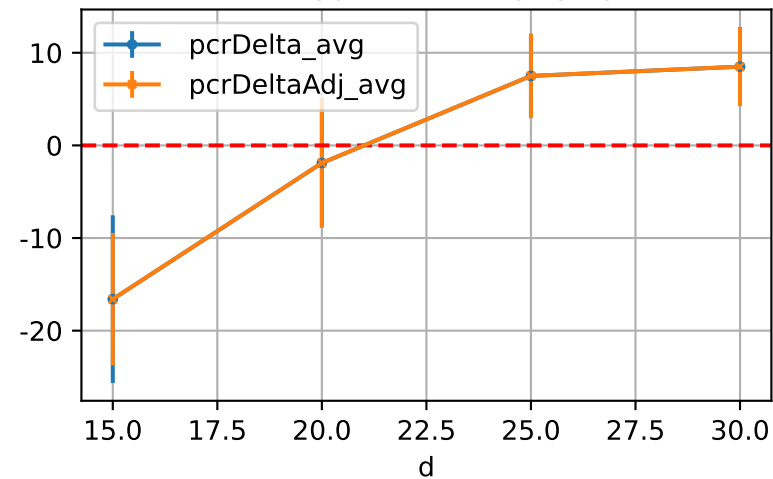


LfA: model est vs obsOv@Q50

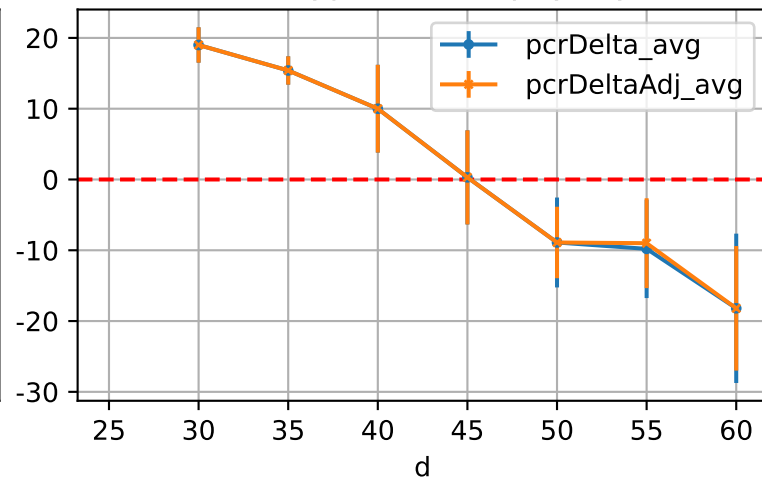


P3-2 LfA: D_5d_LfA

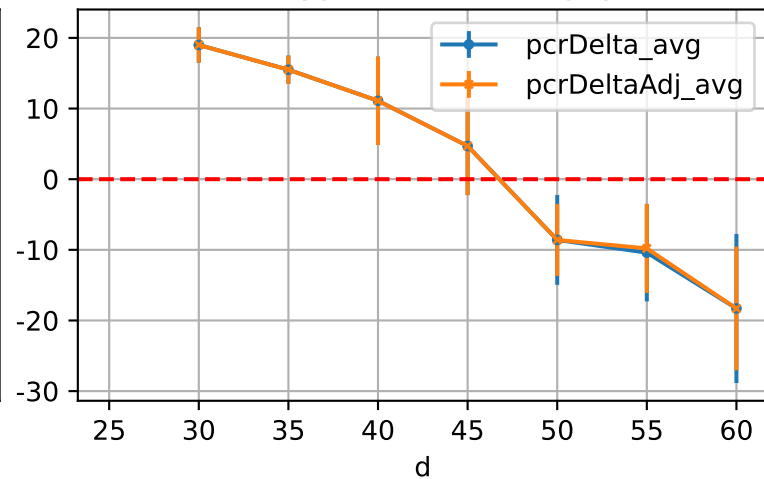
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

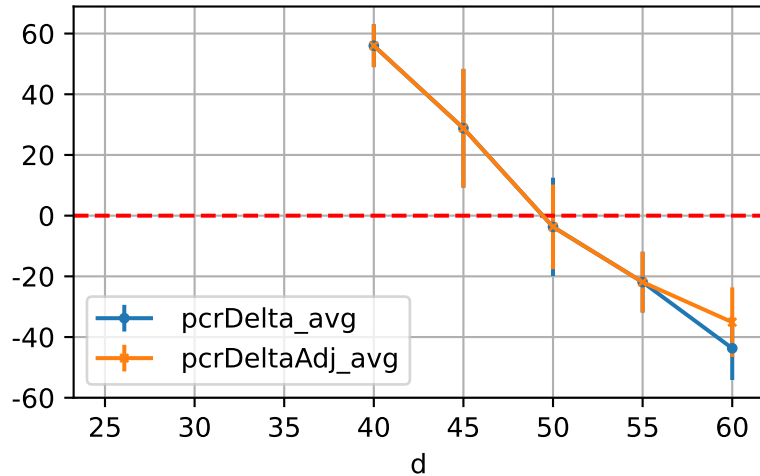


DeltaTypeAbbr=WeiAvgByD

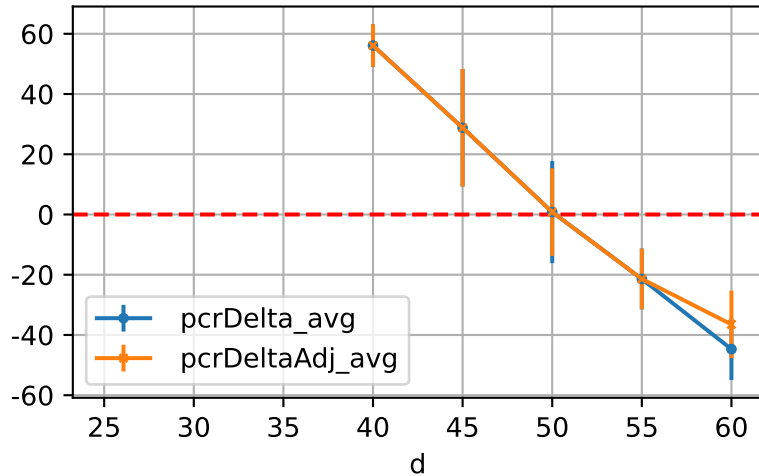


P3-2 LfA: D_15d_LfA

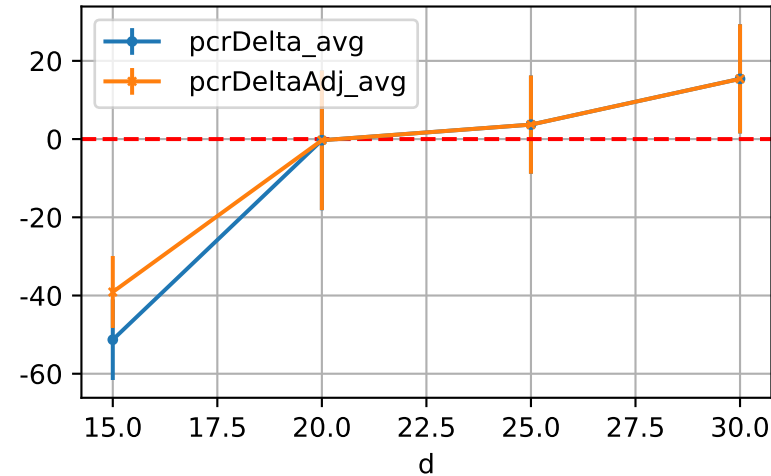
DeltaTypeAbbr=GrpByDay



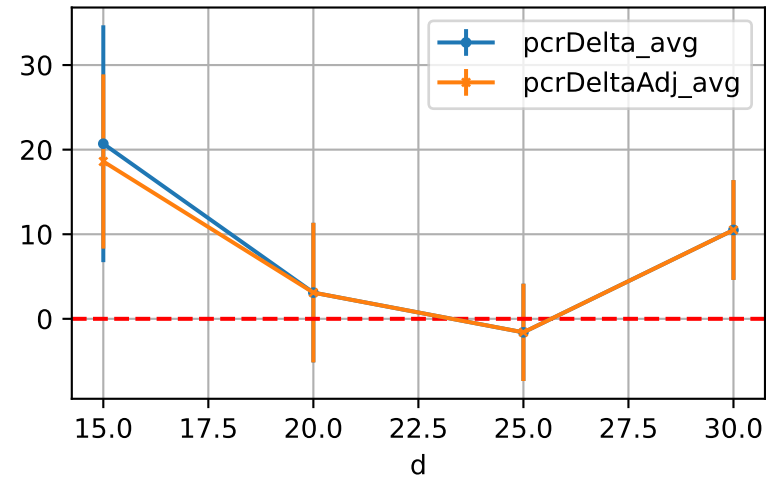
DeltaTypeAbbr=WeiAvgByD



DeltaTypeAbbr=GrpByAge

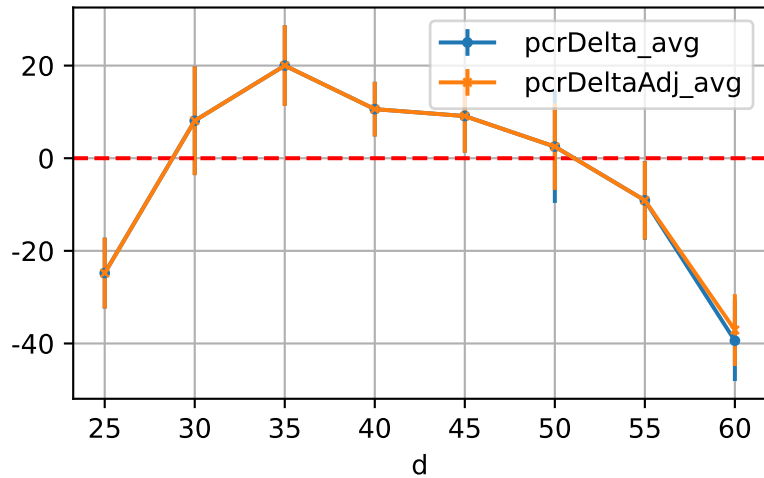


DeltaTypeAbbr=GrpByAge

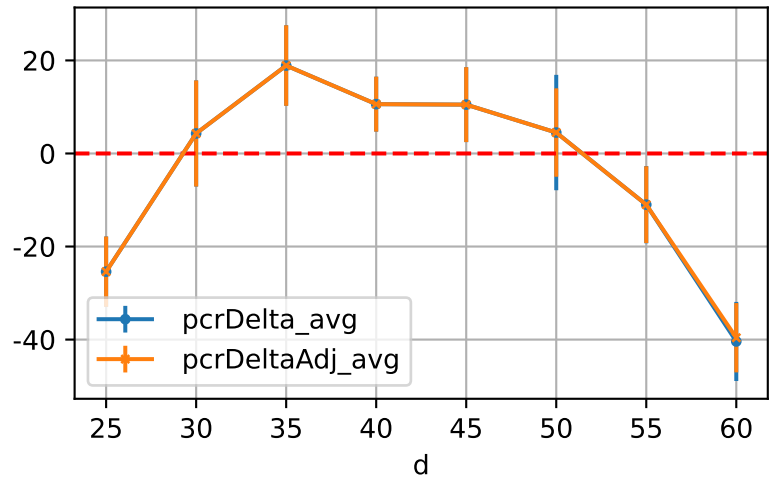


P3-2 LfA: D_Q50_LfA

DeltaTypeAbbr=GrpByDay

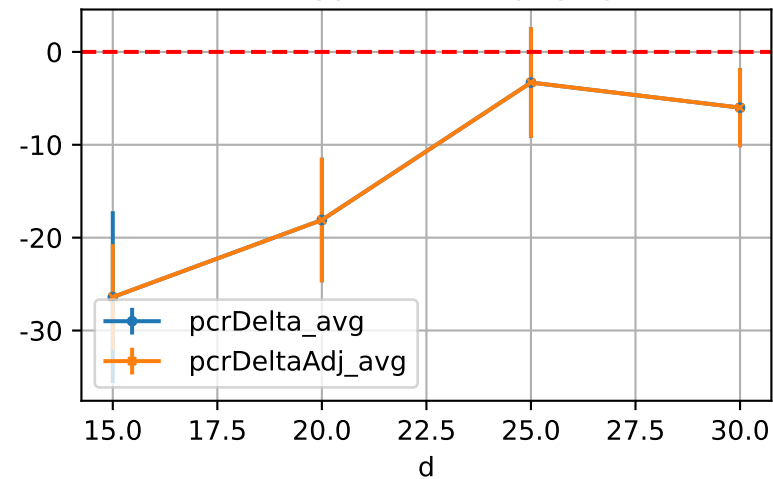


DeltaTypeAbbr=WeiAvgByD

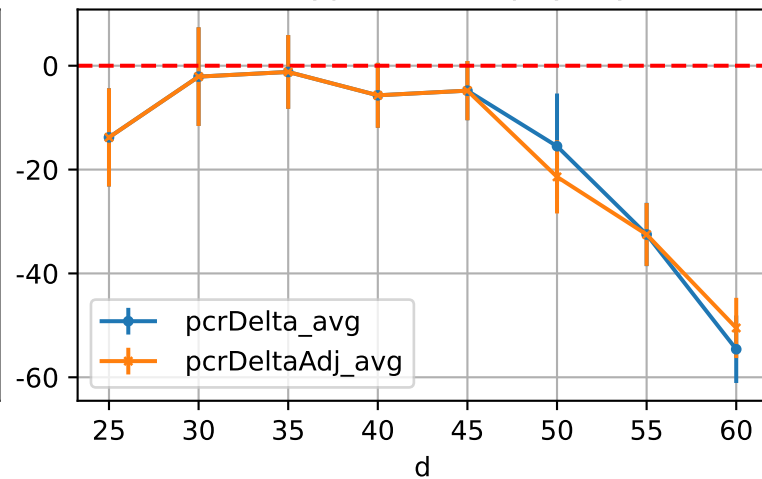


P3-2 LfA: D_Est_LfA

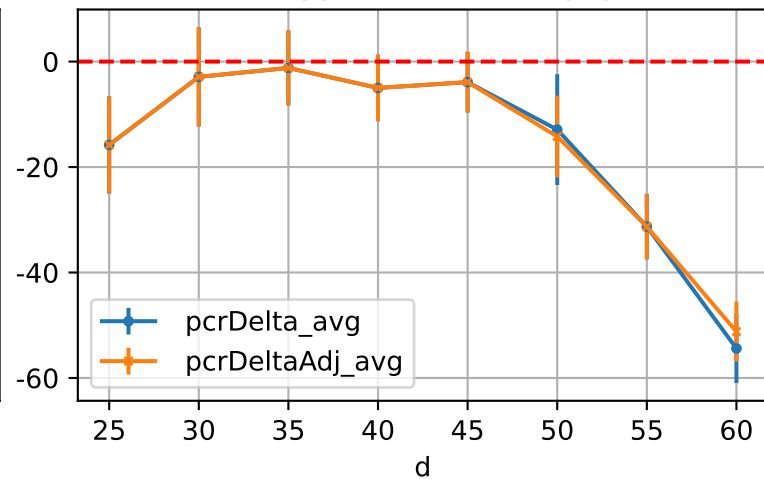
DeltaTypeAbbr=GrpByAge



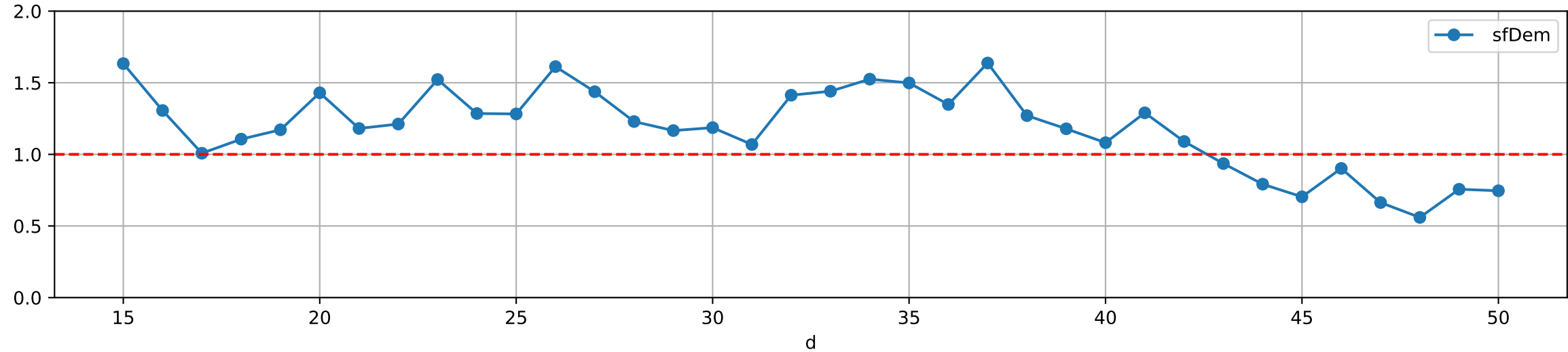
DeltaTypeAbbr=GrpByDay

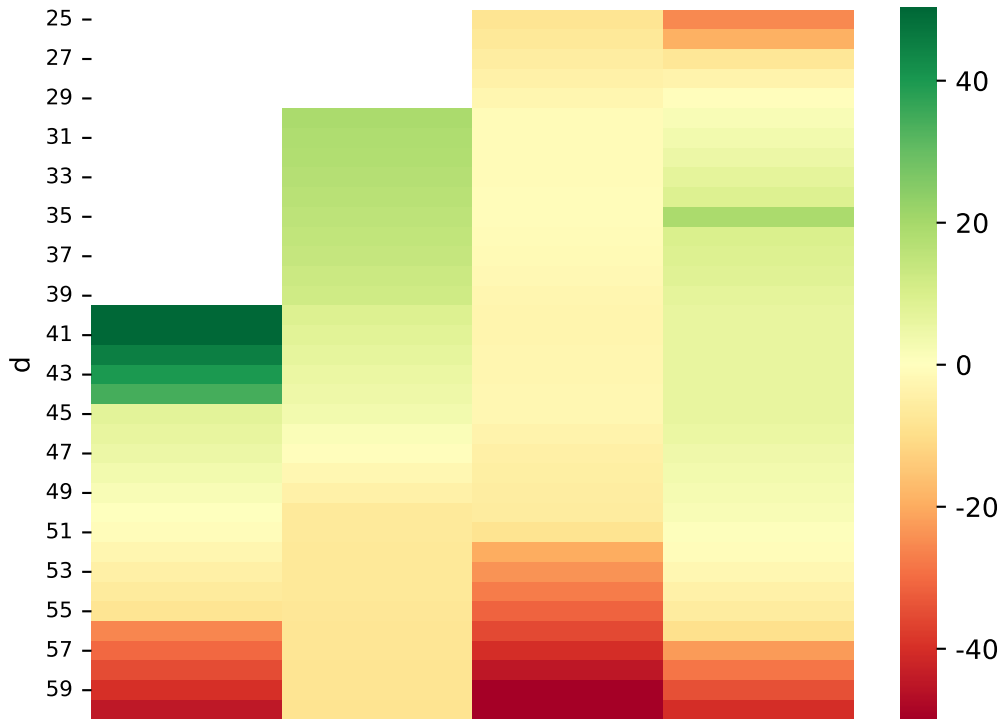


DeltaTypeAbbr=WeiAvgByD



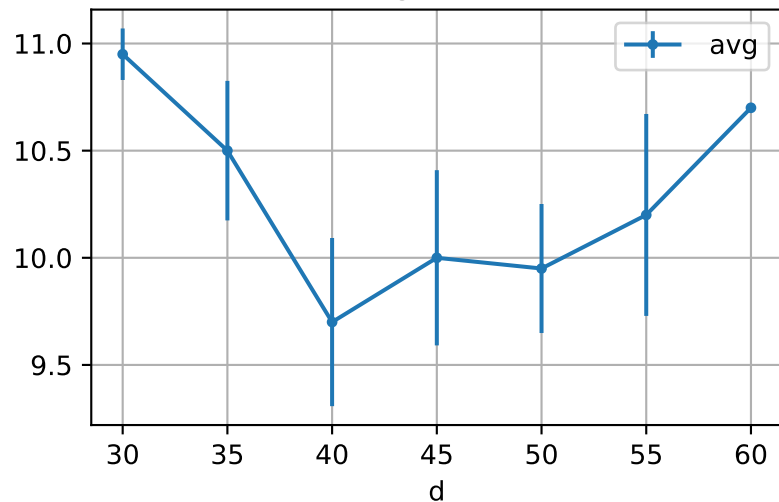
LfA: sfDem



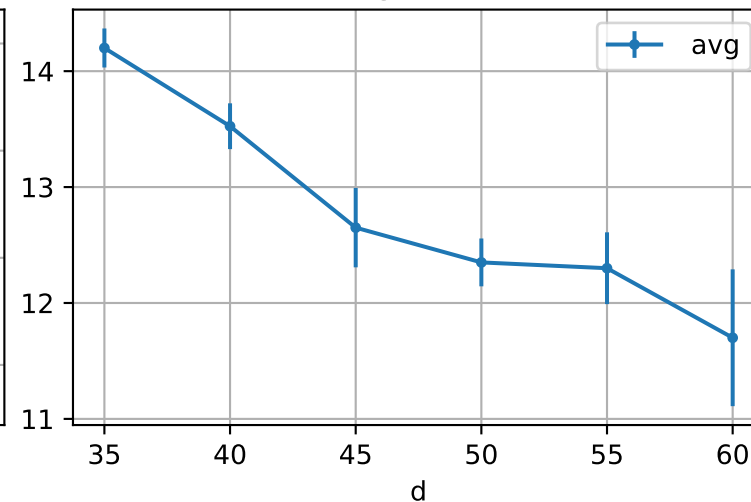


NdD: avg vs. d at each age group

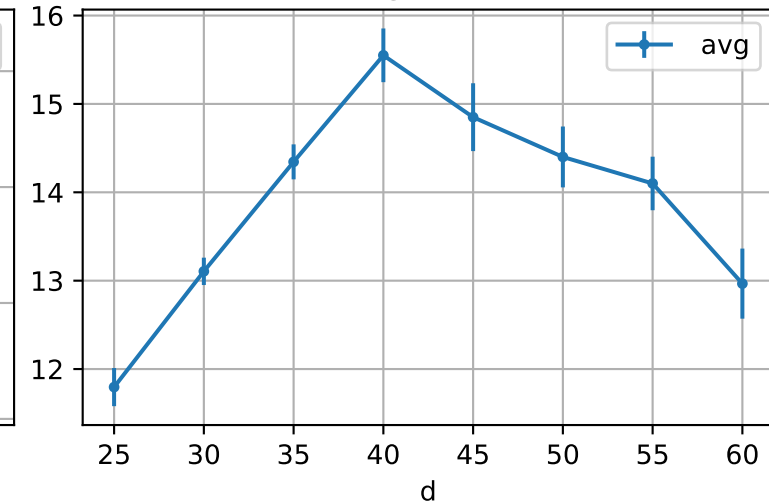
age=15



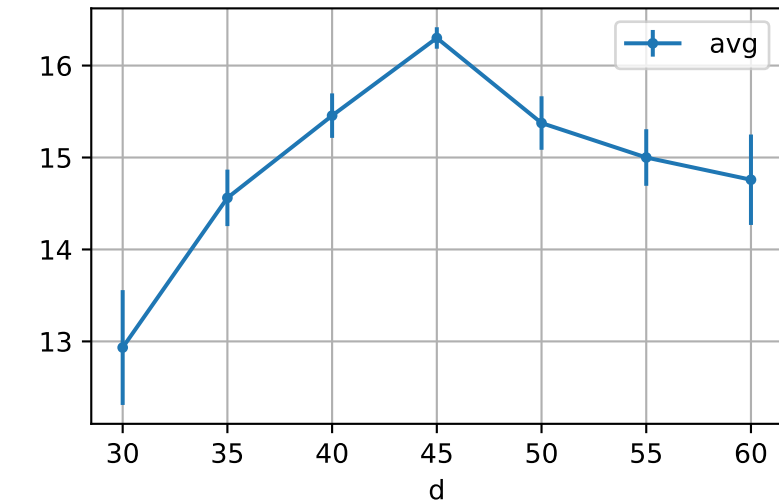
age=20



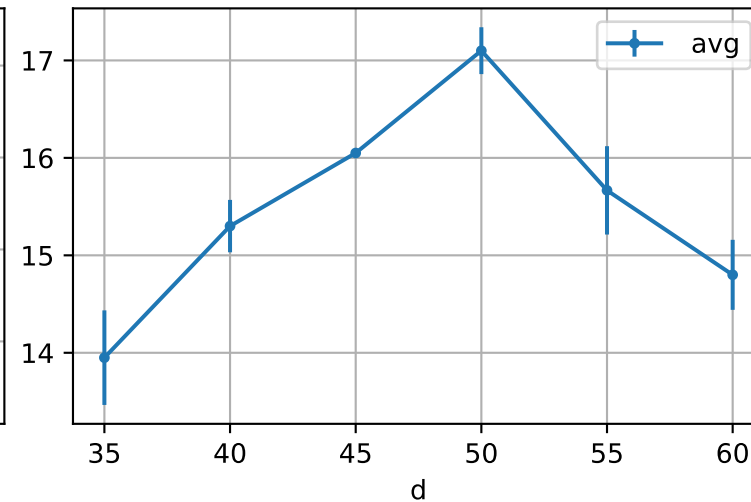
age=25



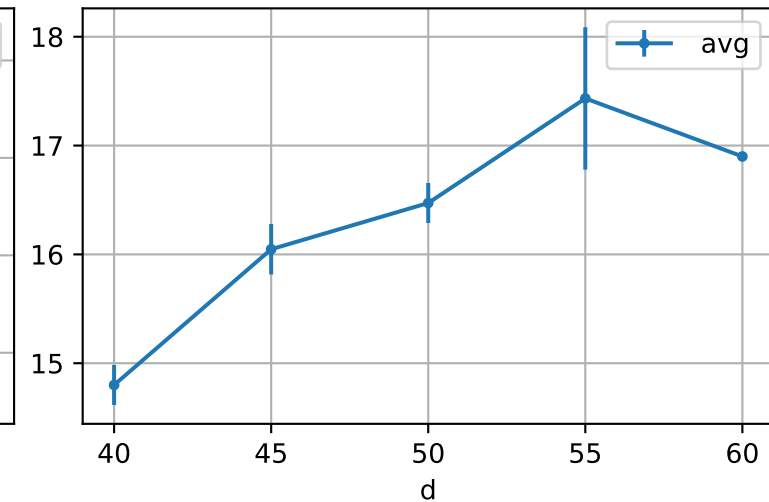
age=30



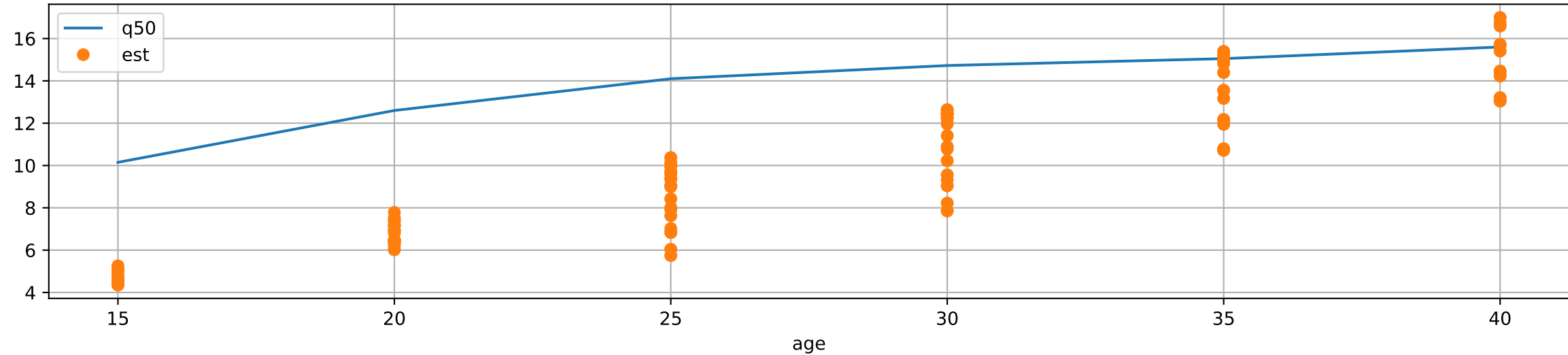
age=35



age=40

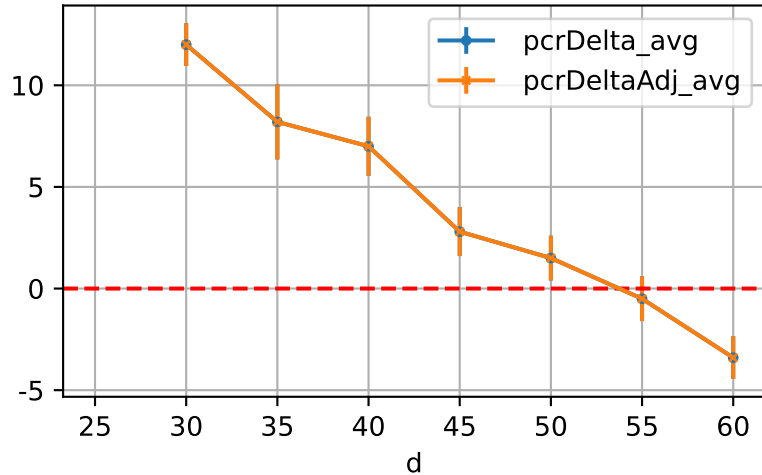


NdD: model est vs obsOv@Q50

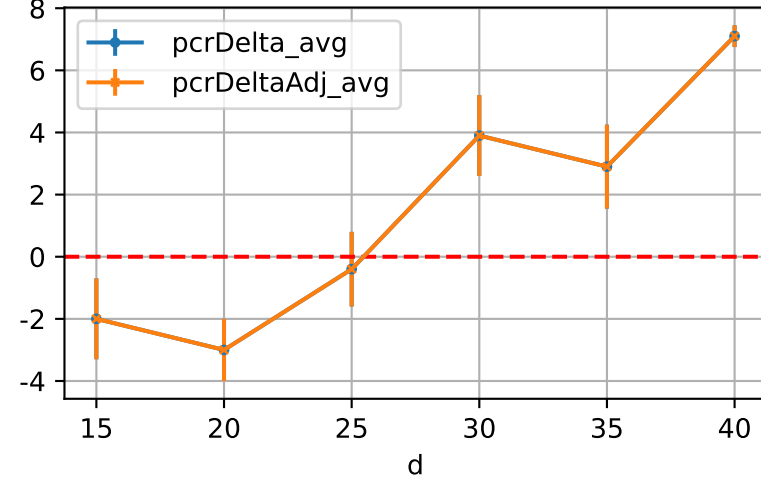


P3-2 NdD: D_5d_NdD

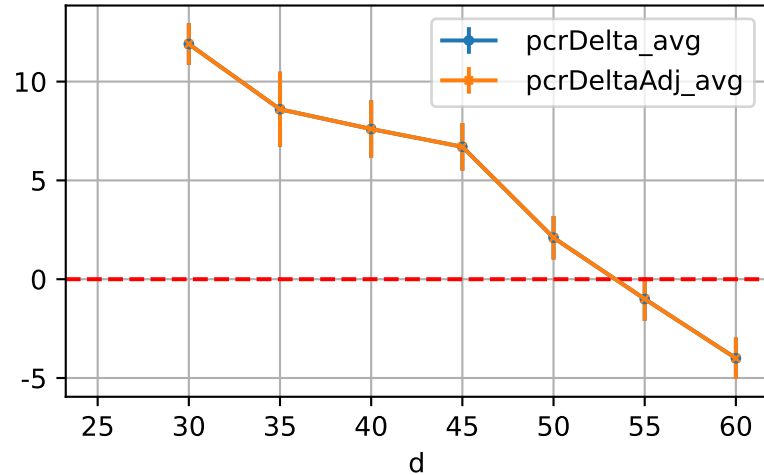
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=GrpByAge

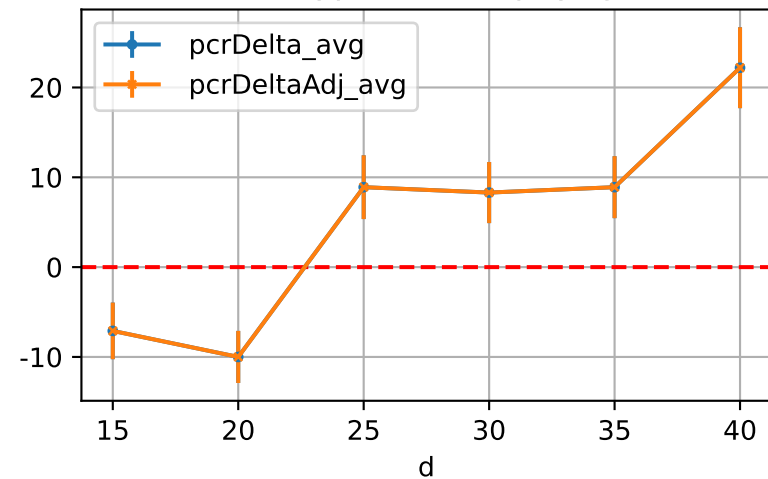


DeltaTypeAbbr=WeiAvgByD

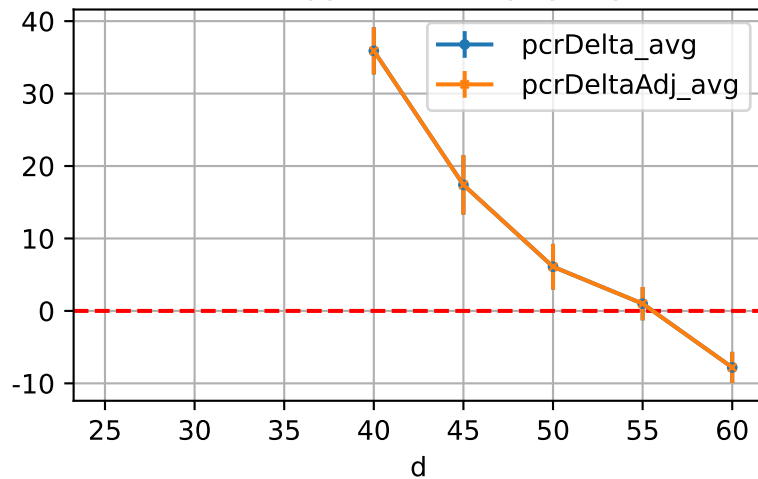


P3-2 NdD: D_15d_NdD

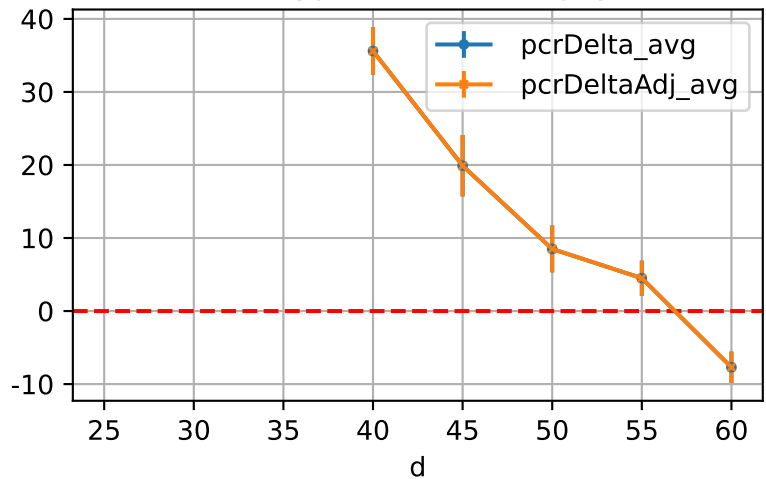
DeltaTypeAbbr=GrpByAge



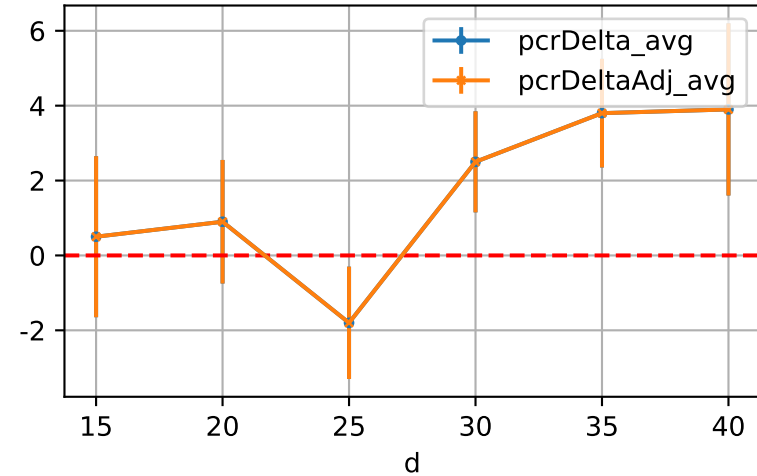
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

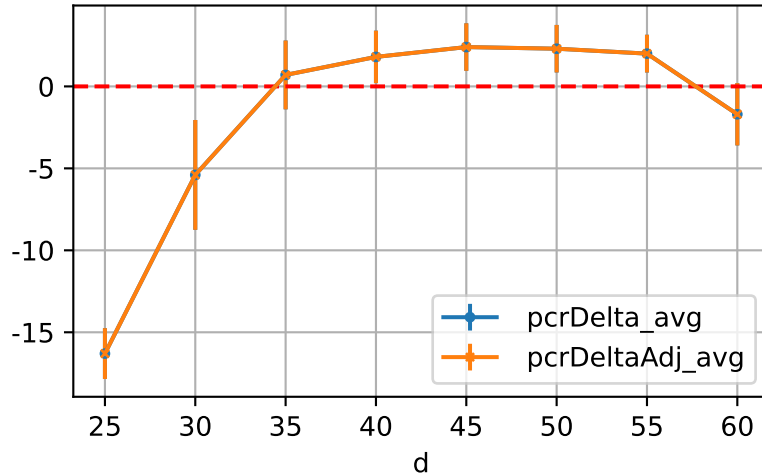


DeltaTypeAbbr=GrpByAge

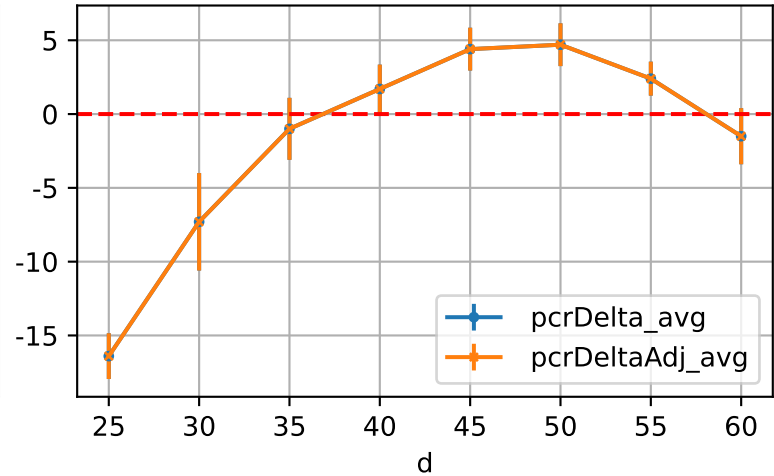


P3-2 NdD: D_Q50_NdD

DeltaTypeAbbr=GrpByDay

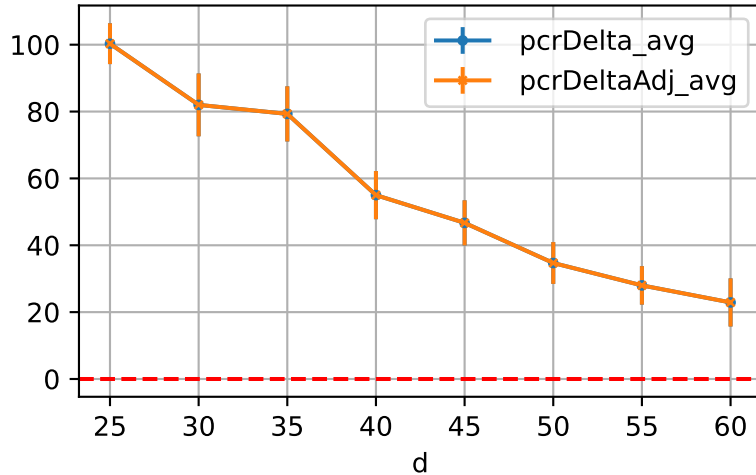


DeltaTypeAbbr=WeiAvgByD

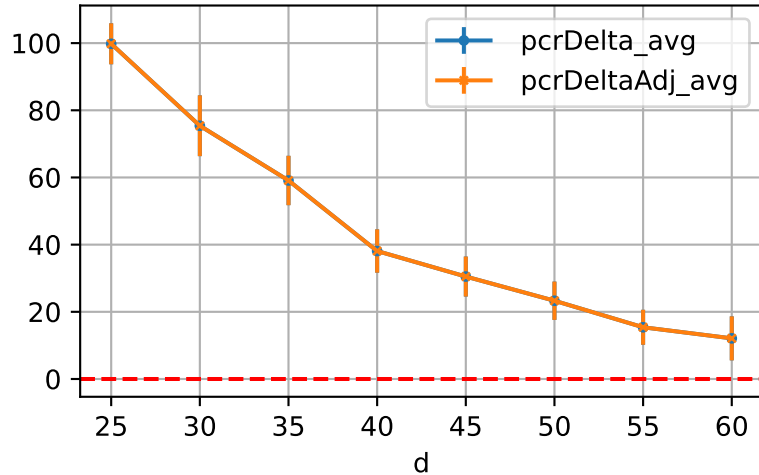


P3-2 NdD: D_Est_NdD

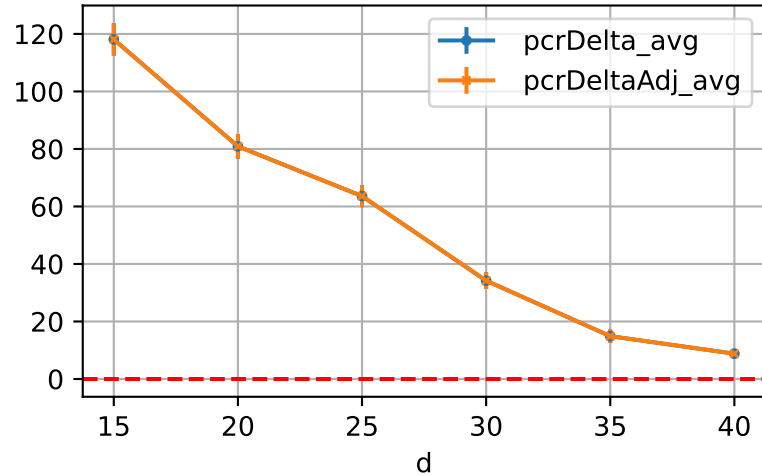
DeltaTypeAbbr=GrpByDay



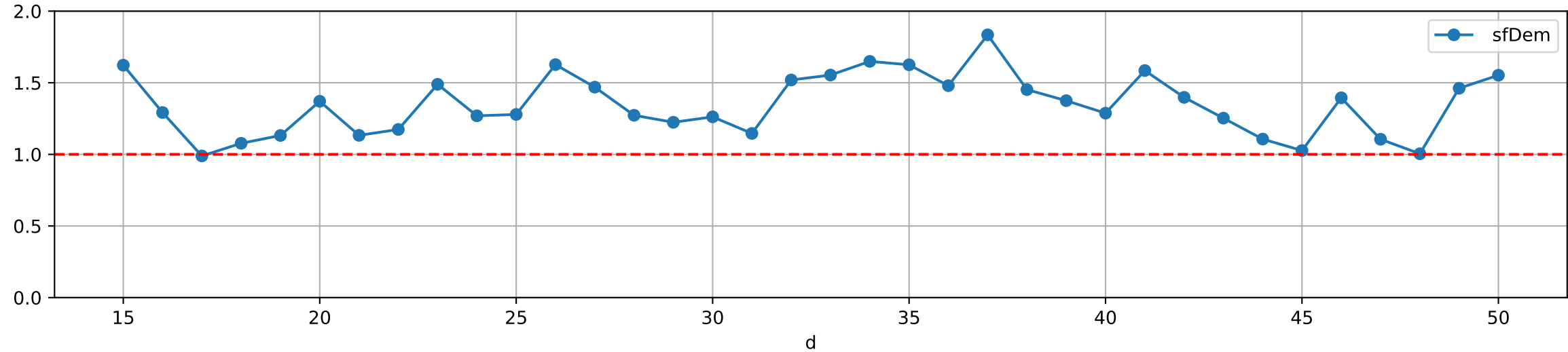
DeltaTypeAbbr=WeiAvgByD



DeltaTypeAbbr=GrpByAge

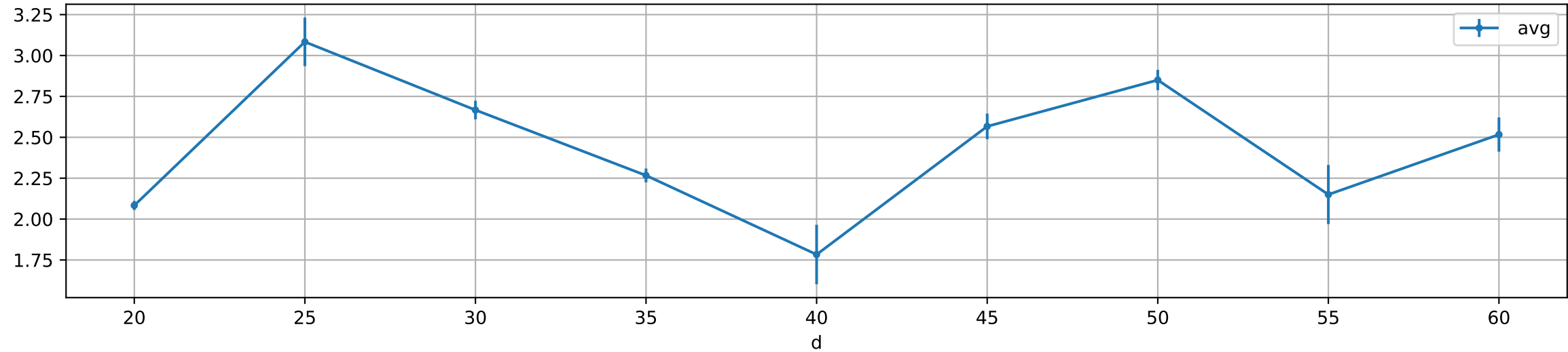


NdD: sfDem

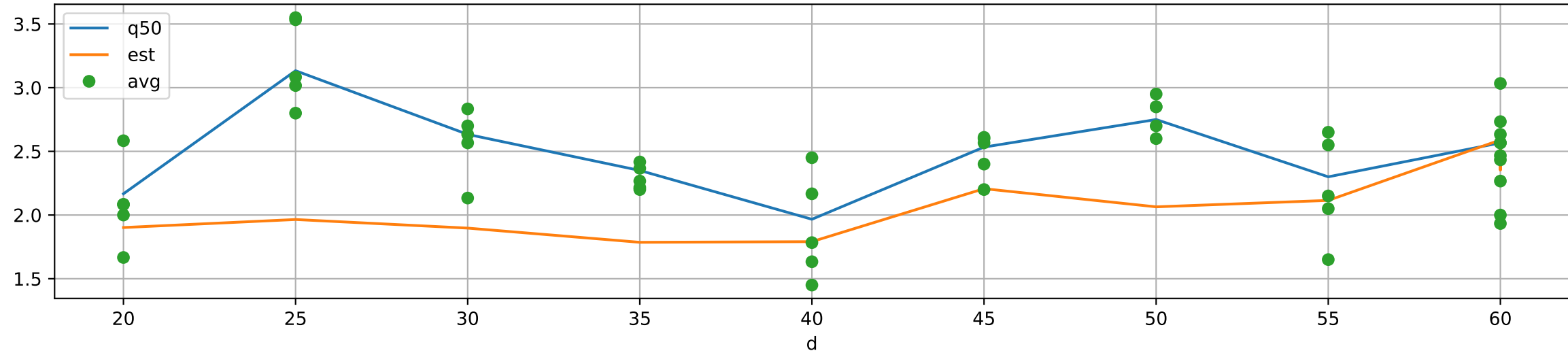




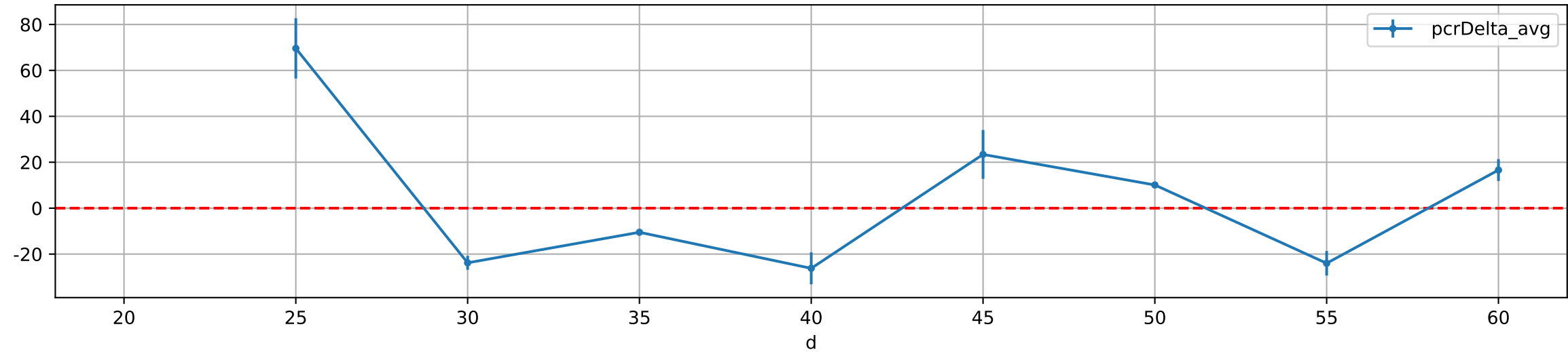
dStH: avg vs. d



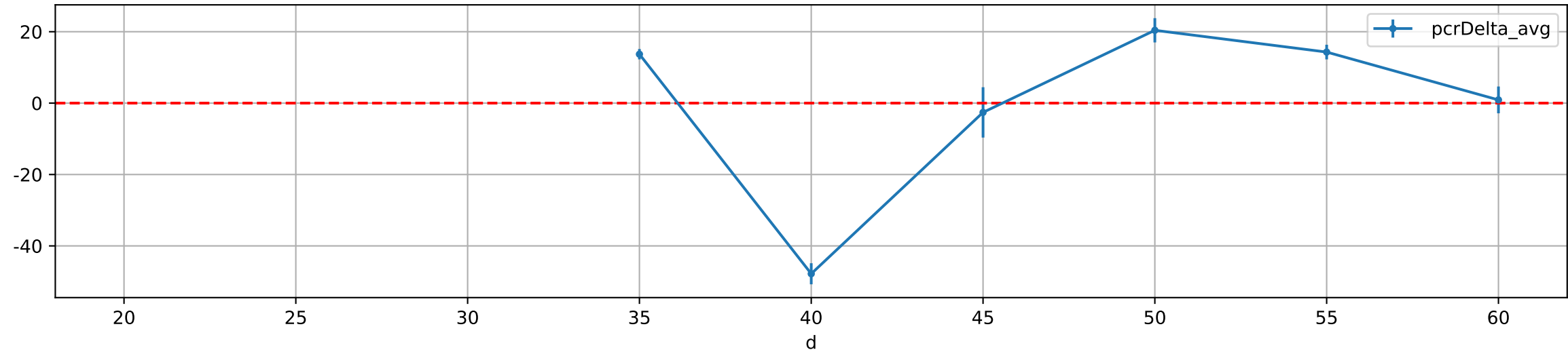
dStH: obsAvg vs obsOv@Q50



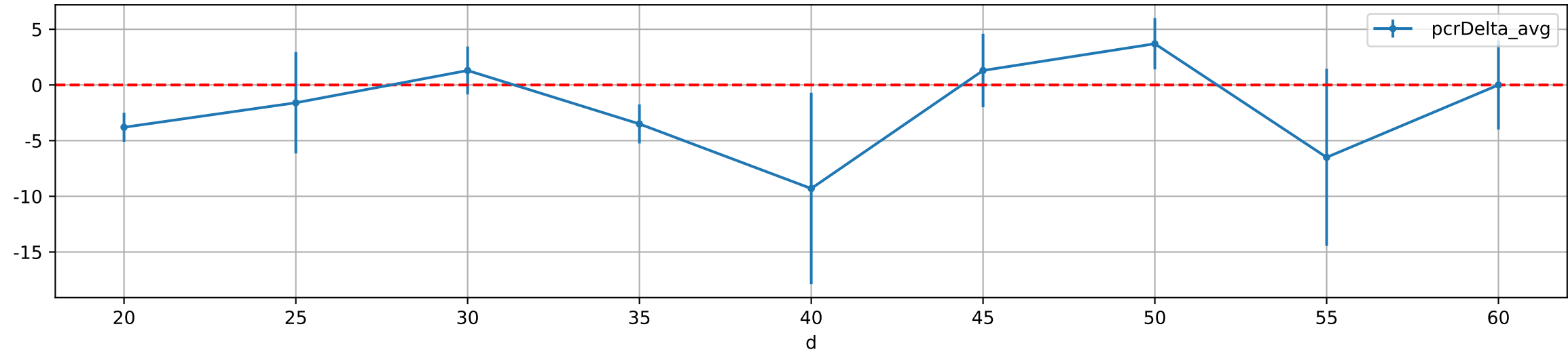
dStH: D_5d_StH



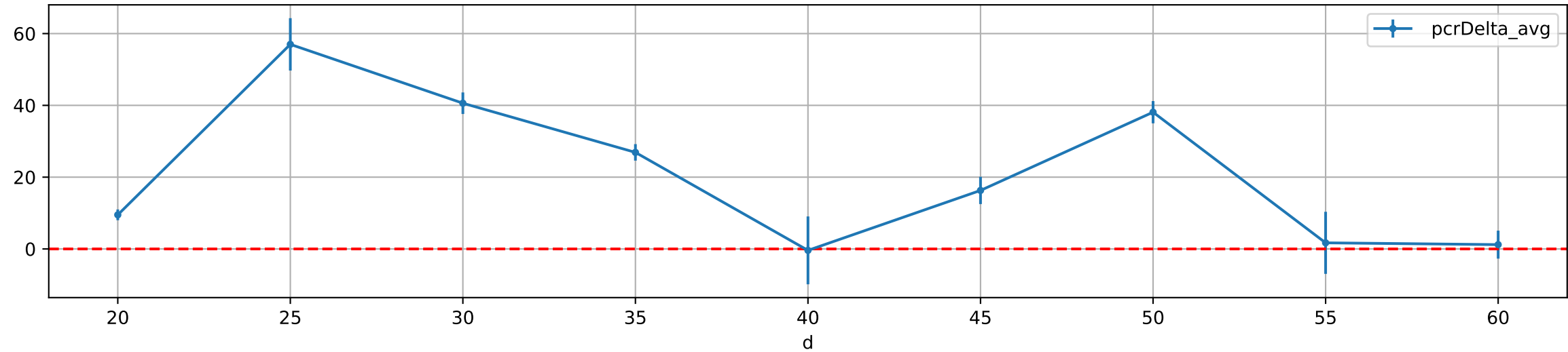
dStH: D_15d_StH



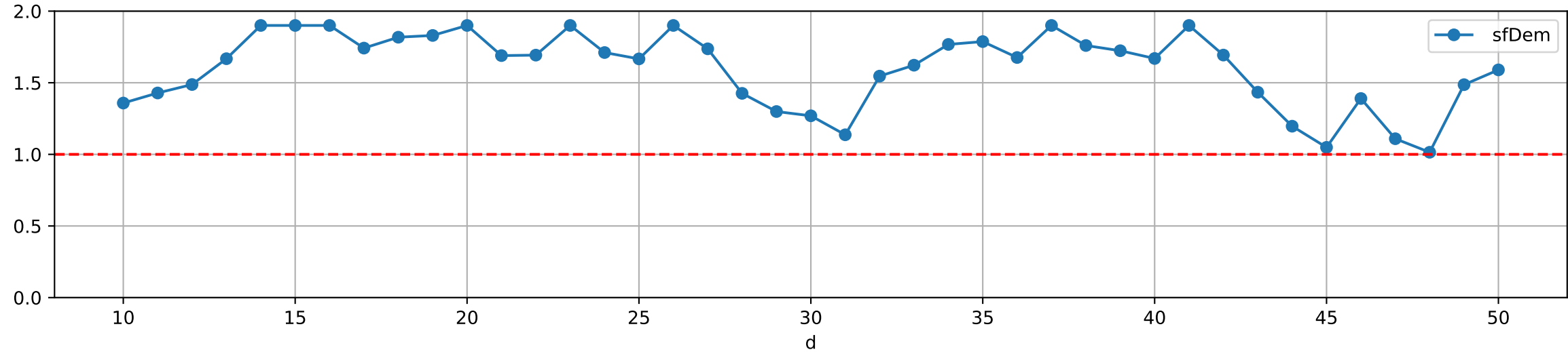
dStH: D_Q50_StH

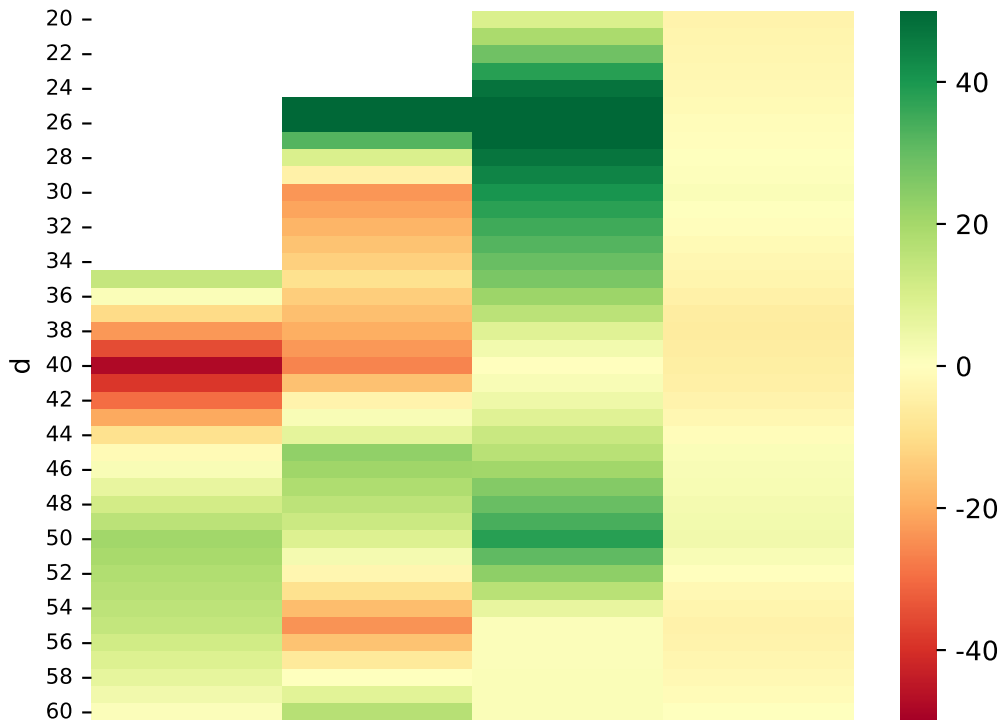


dStH: D_Est_StH



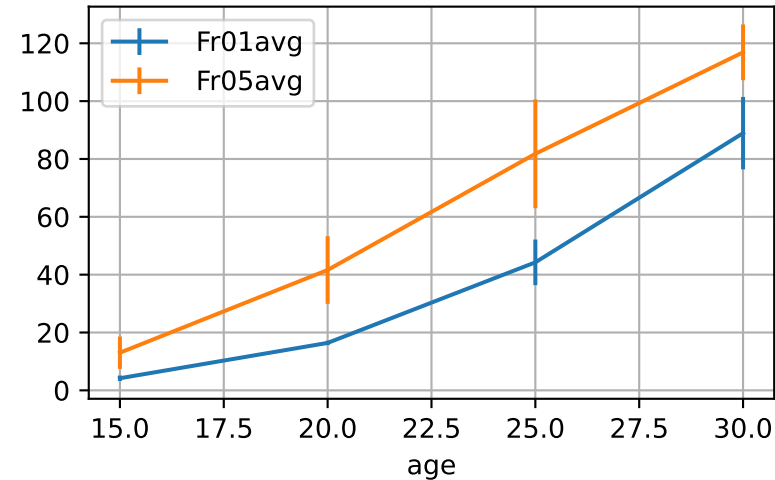
dStH: sfDem



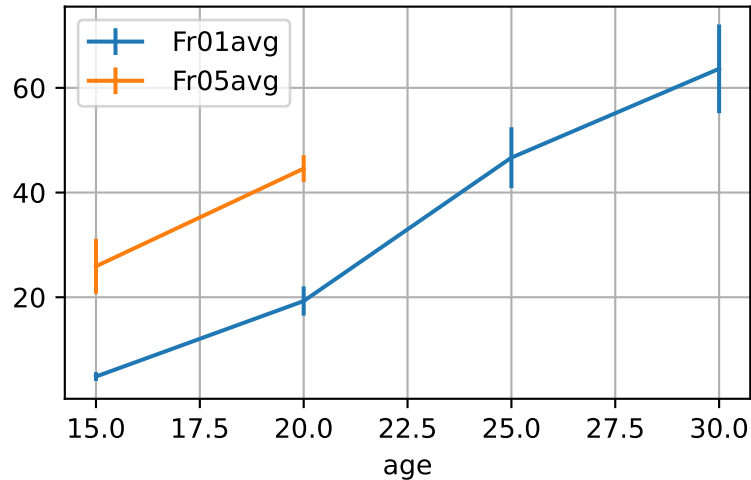


FrV: Fr01 vs Fr05 at each truss

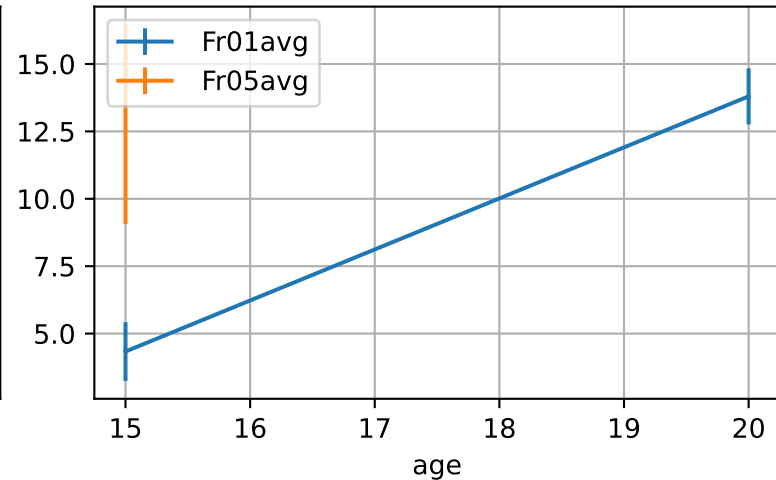
organID=T01



organID=T02

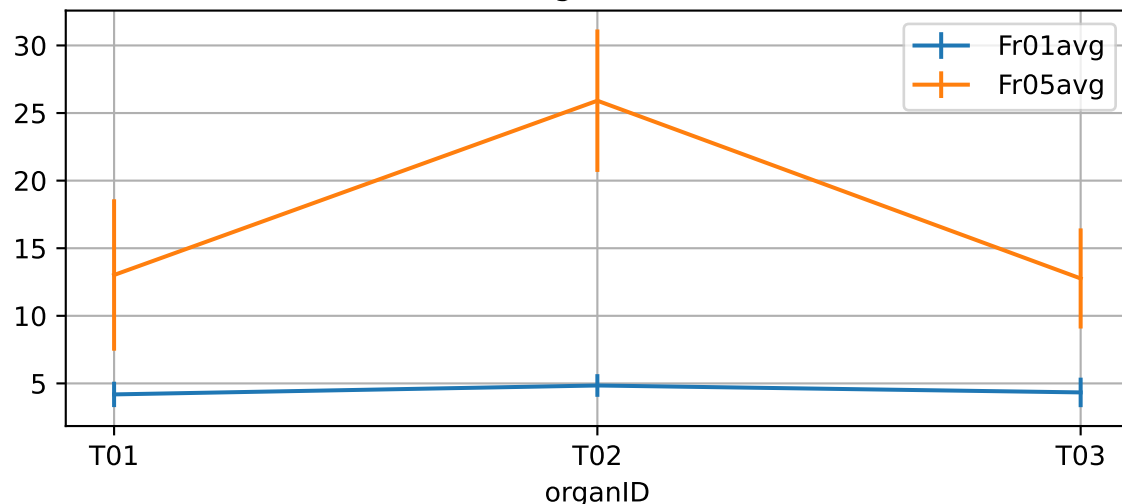


organID=T03

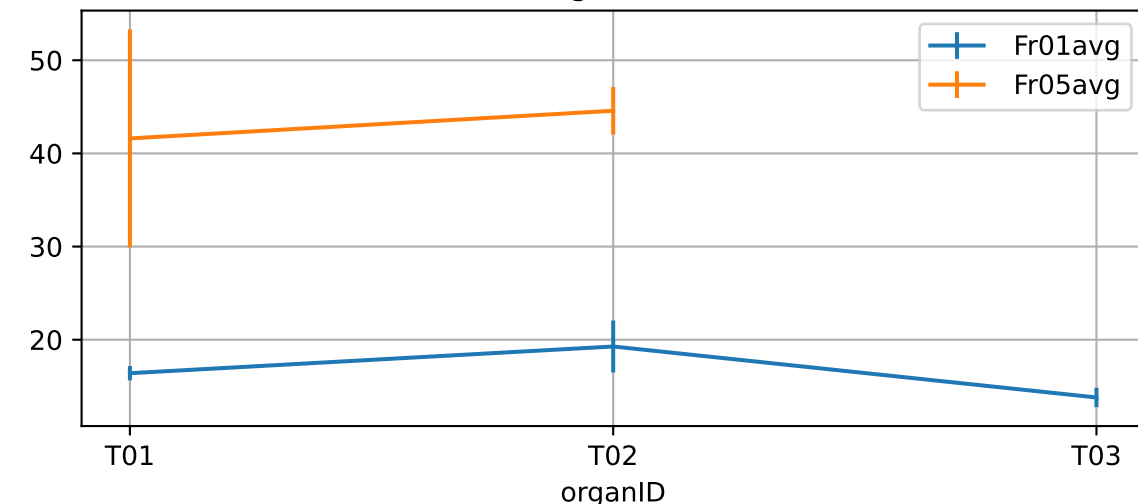


FrV trend at each age

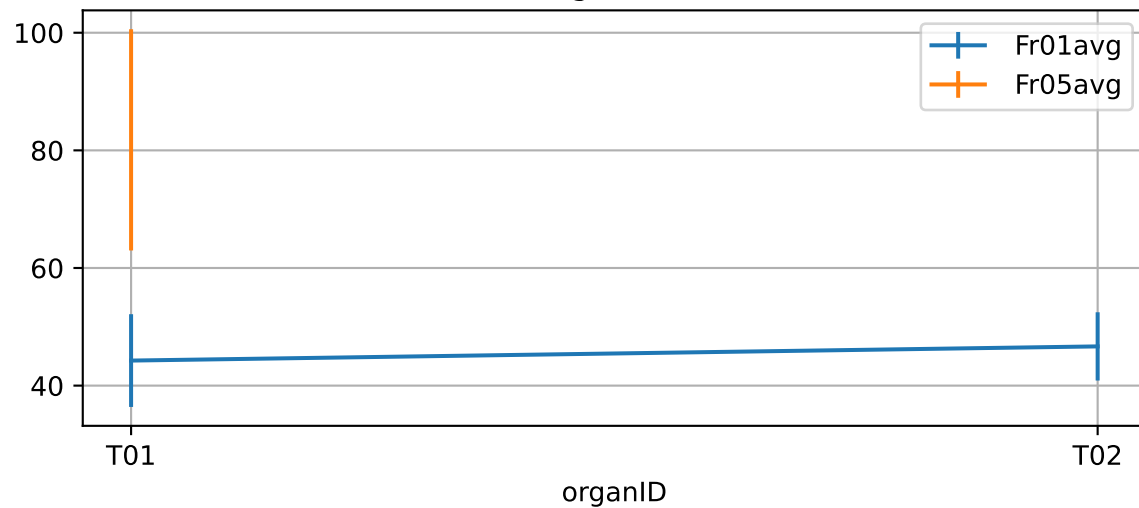
age=15



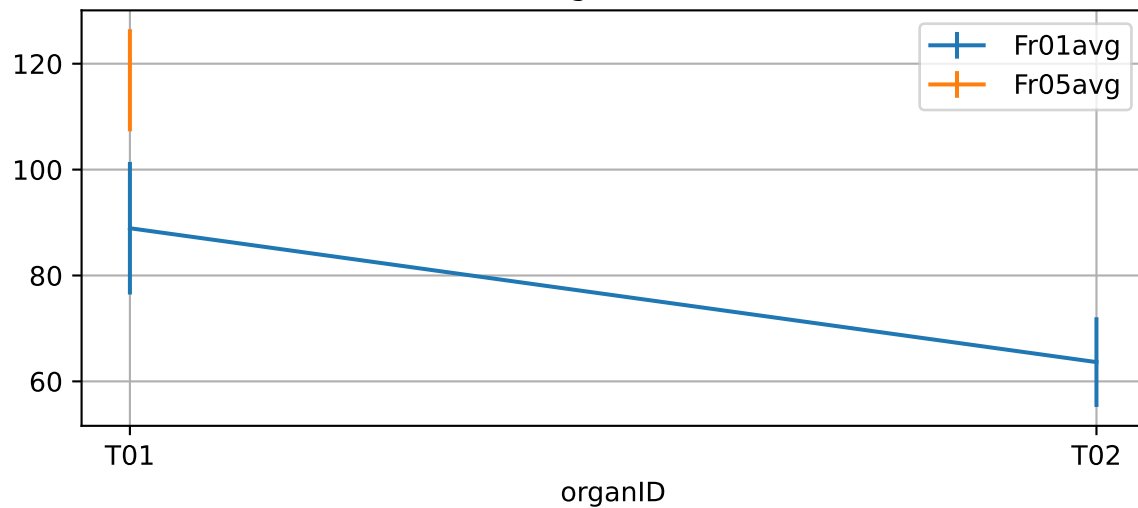
age=20



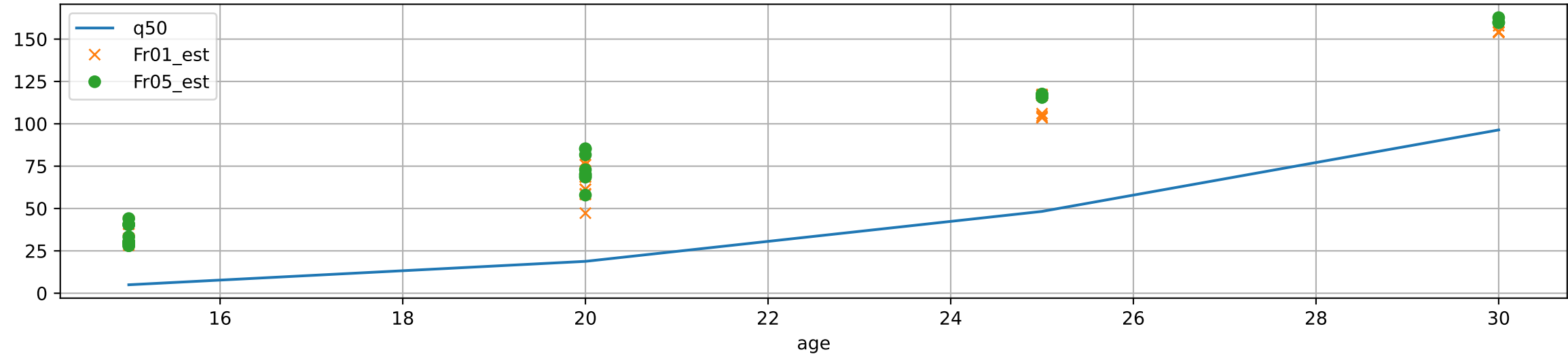
age=25



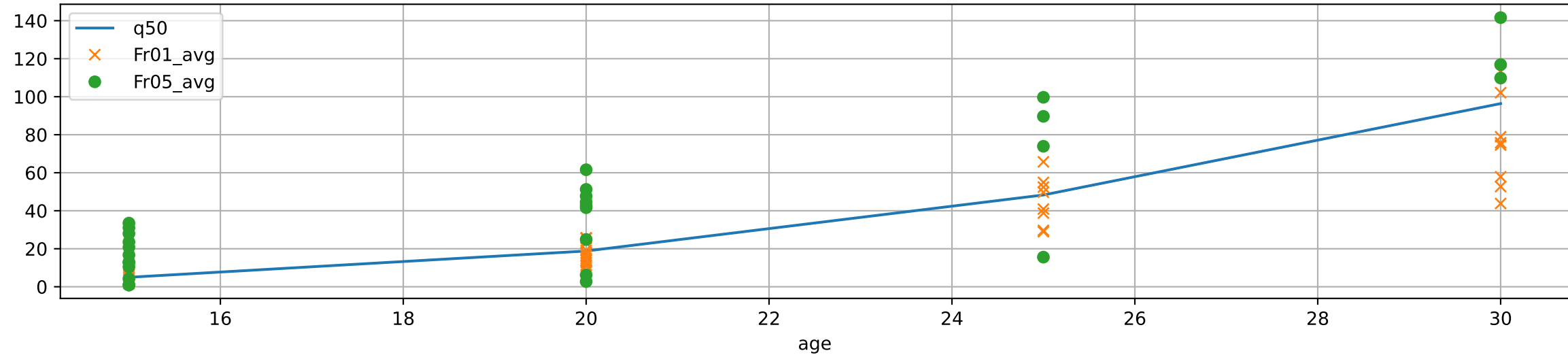
age=30



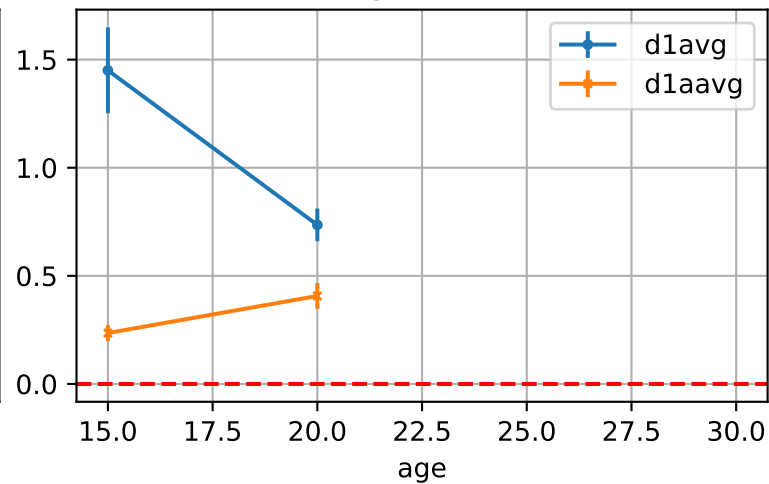
FrV: model Est vs obsFrV at Q90



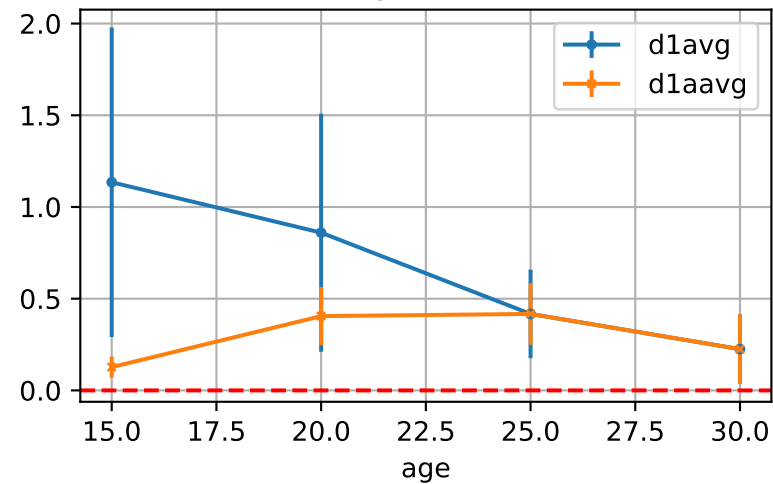
FrV: obsFrV vs obsFrV@Q90



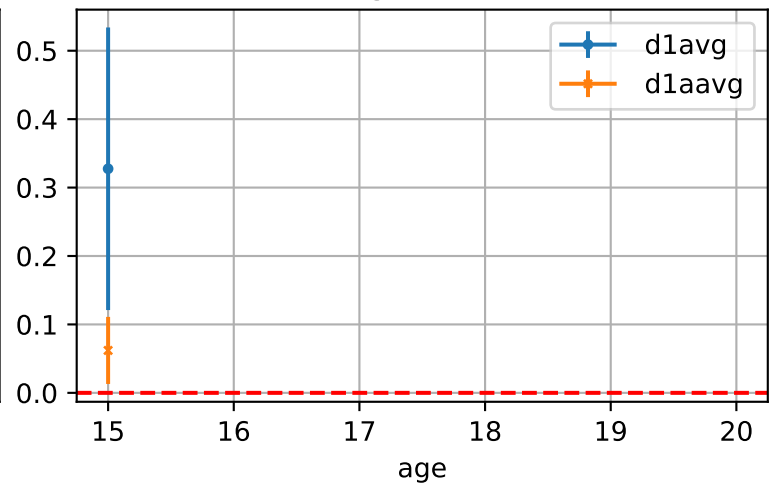
FrV: D_Fr1_FrV
organID=2



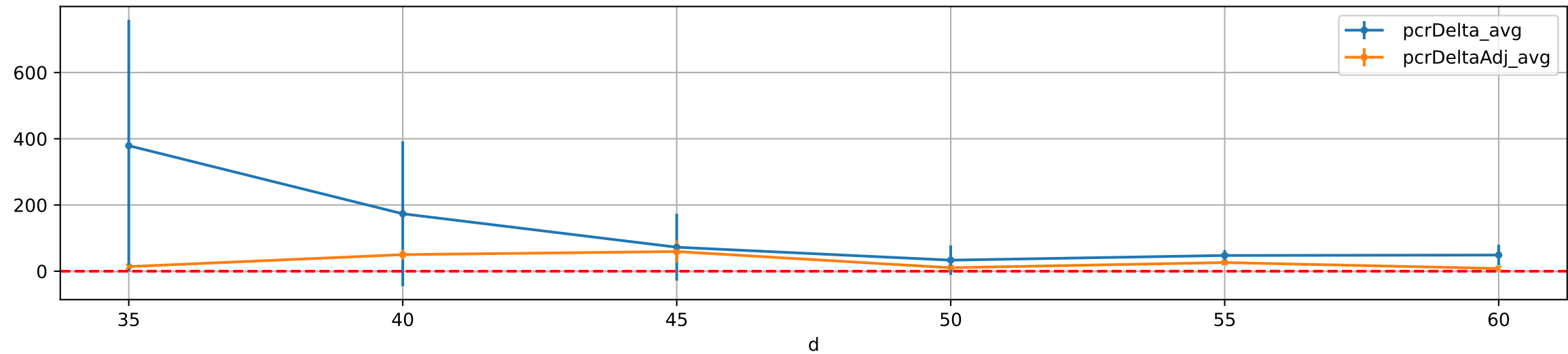
organID=1



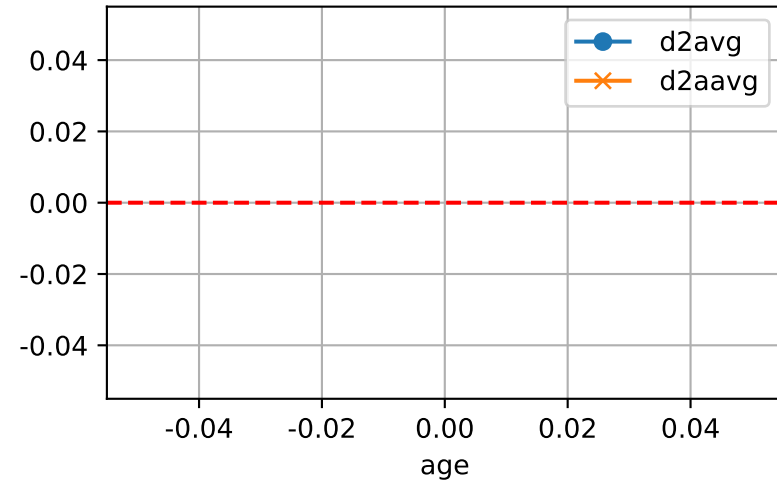
organID=3



P3-2 FrV: D_Fr1_FrV

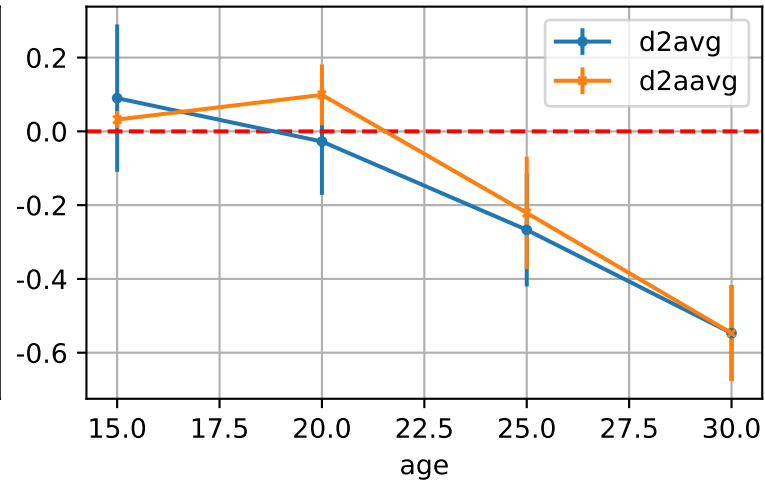


organID=1

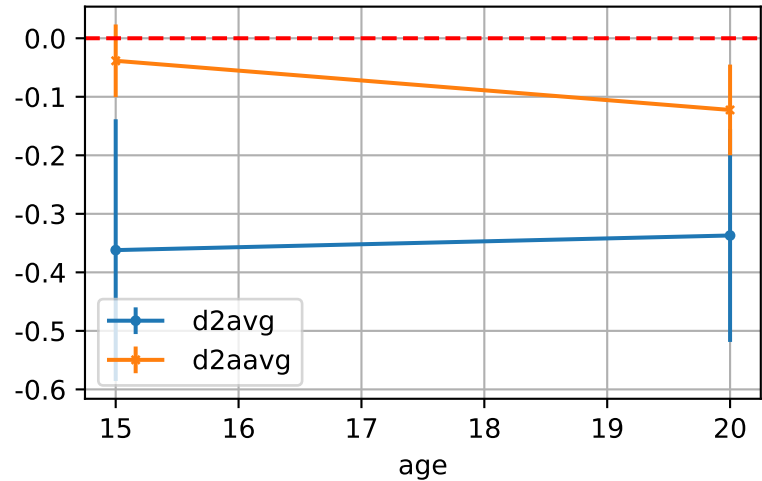


FrV: D_Ts_FrV

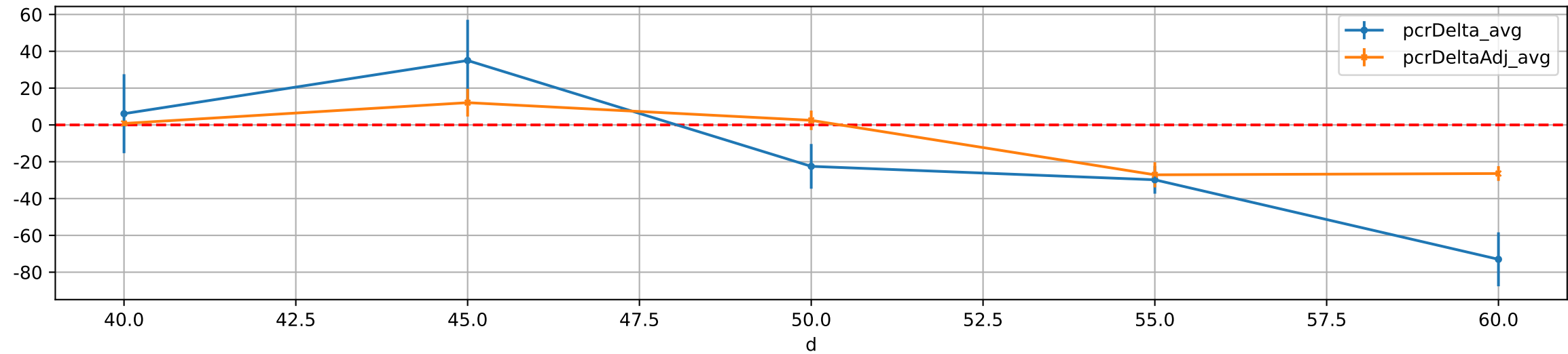
organID=2



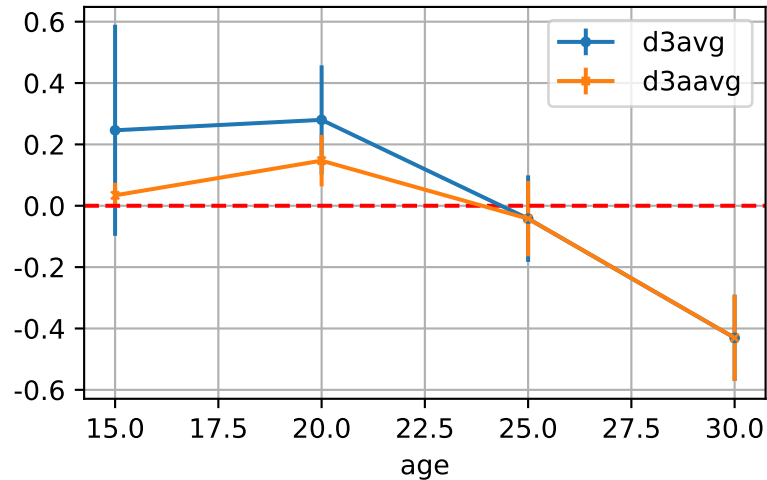
organID=3



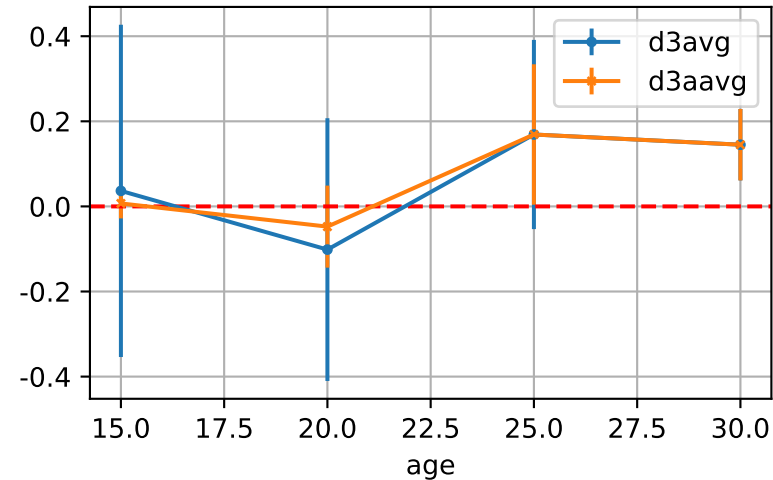
P3-2 FrV: D_Ts_FrV



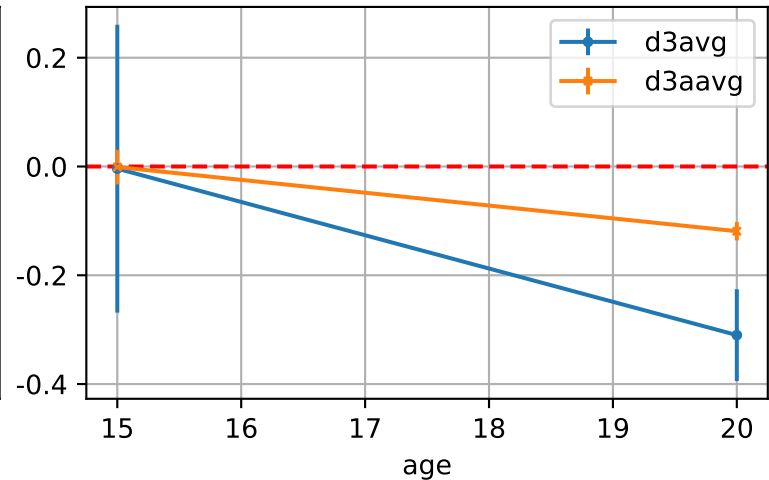
FrV: D_Q50_FrV
organID=2



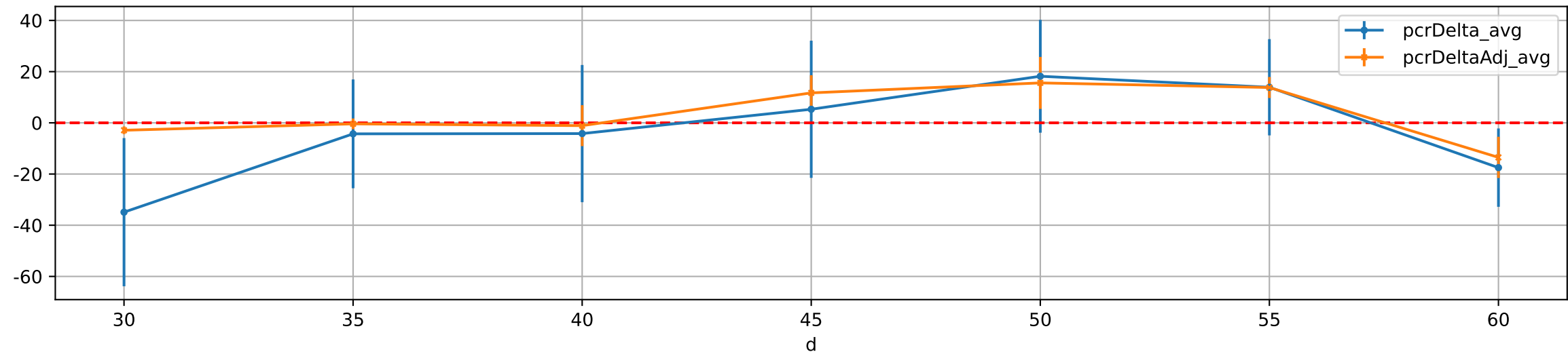
organID=1



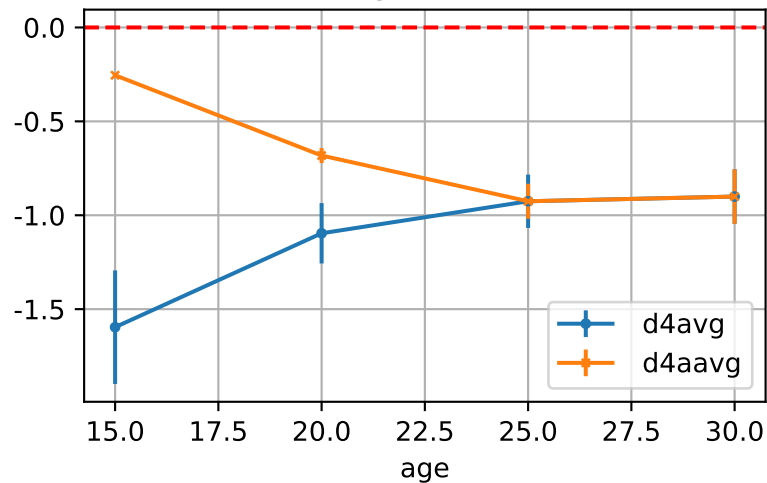
organID=3



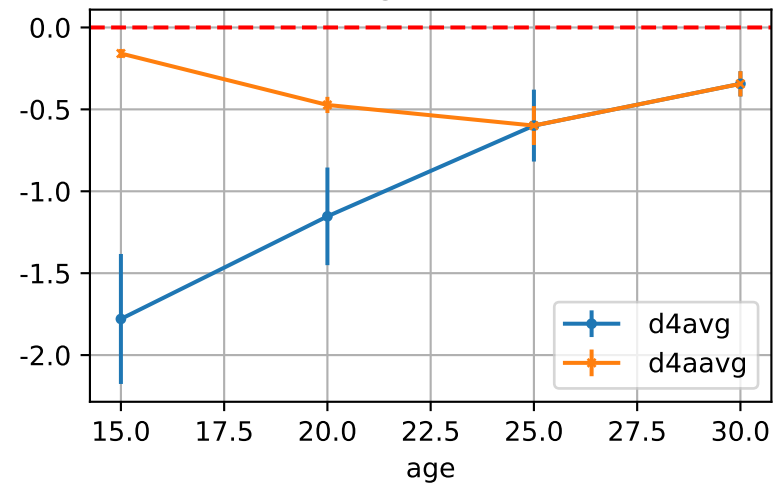
P3-2 FrV: D_Q50_FrV



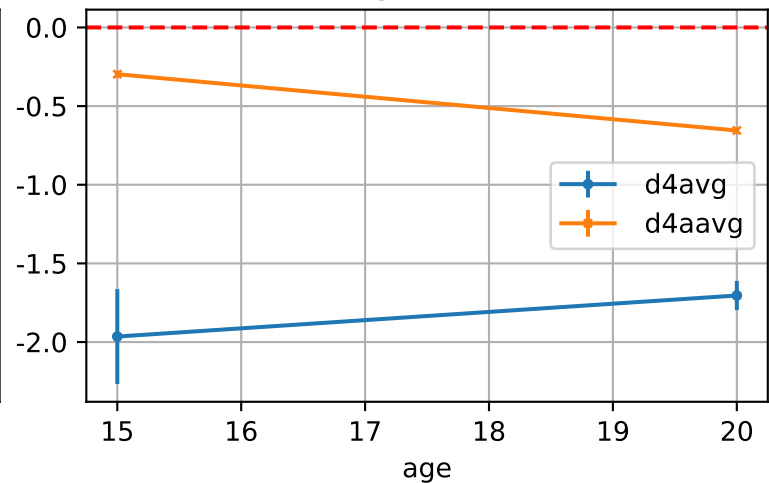
FrV: D_Est_FrV
organID=2



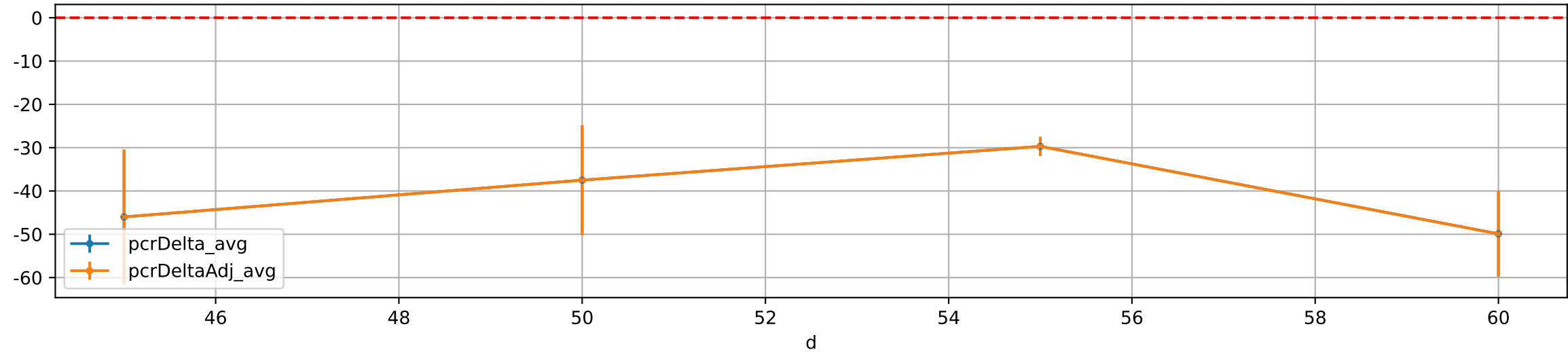
organID=1



organID=3



P3-2 FrV: D_Est_FrV



P3-2 FrV: sfDem

