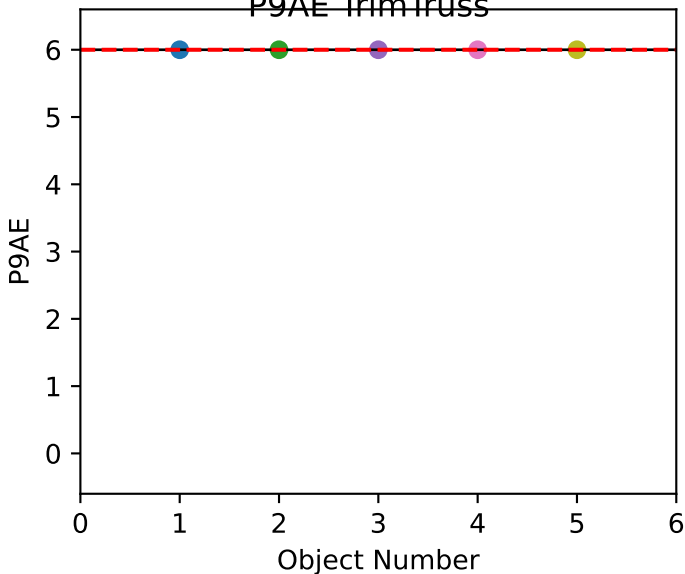


Phenotype Data Analysis Plots
PhenoData day range = 10 - 50
Analysis cutoff day = 50
NC11 P9
2025-05-21 (Day 51)

TrussNodeMaxPerStem (Def=6.0 Set=6)

avg1=6.0~0% avg2=na

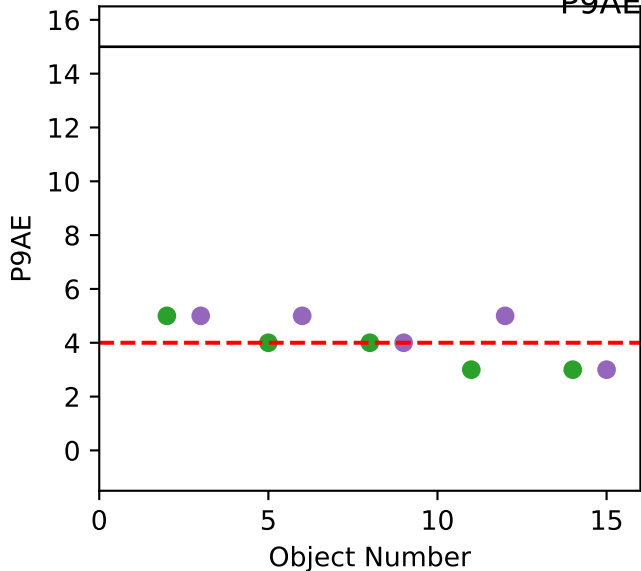
P9AE TrimTruss



FruitNumAvgPerTruss (Def=15 Set=4)

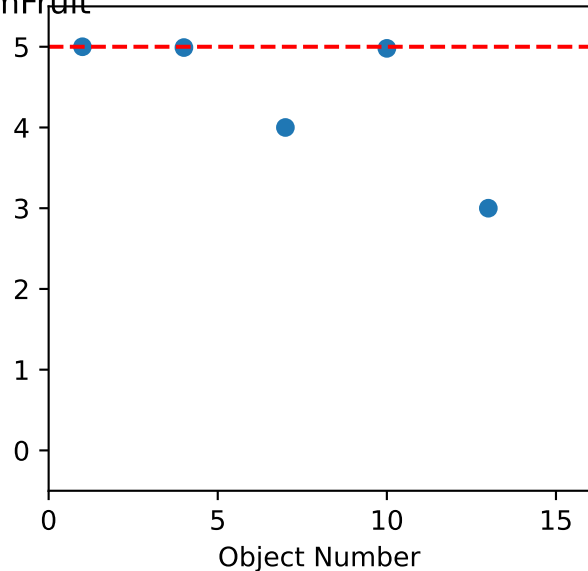
avg1=4.0~22% avg2=na

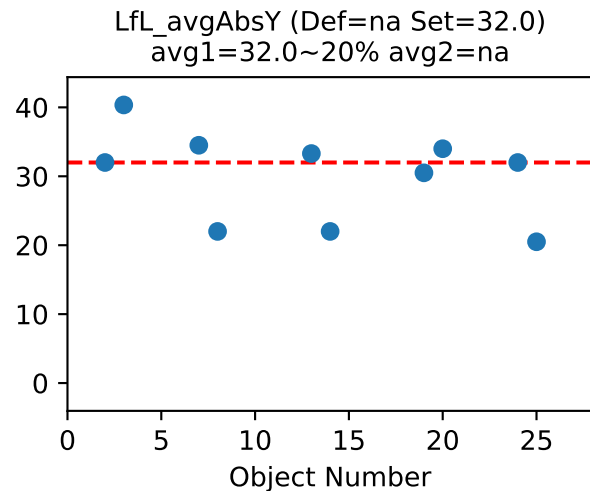
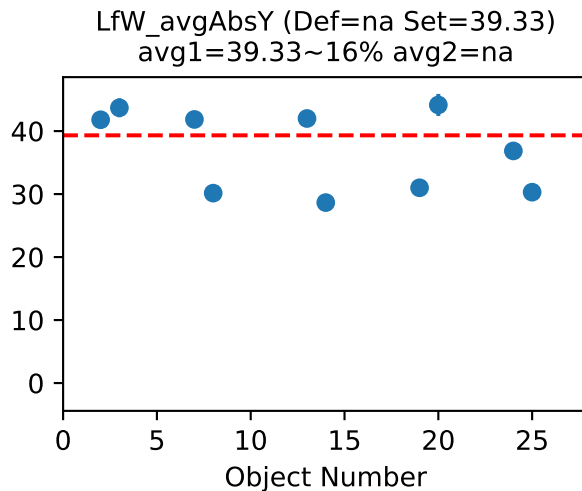
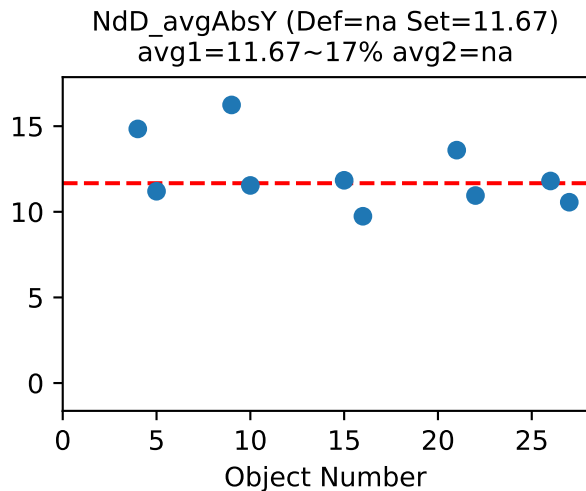
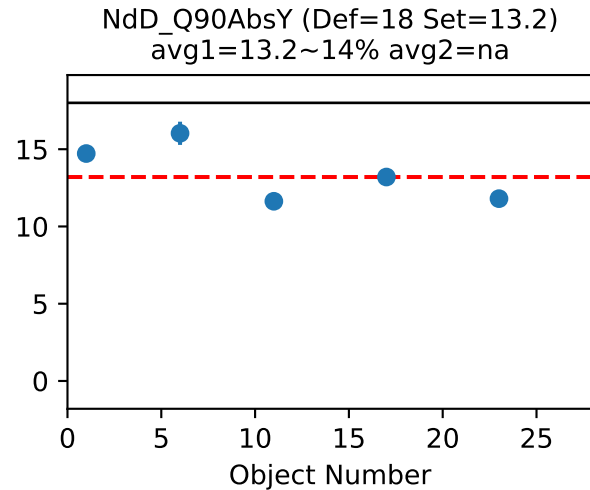
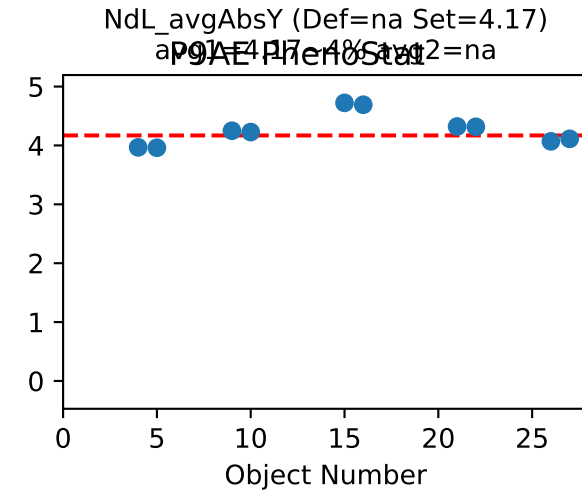
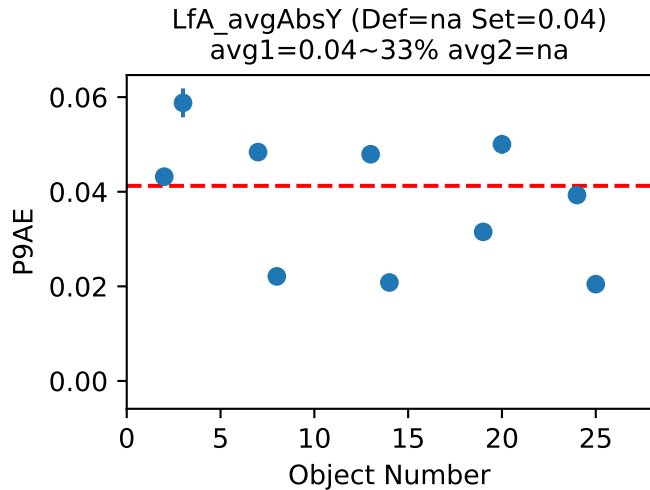
P9AE TrimFruit



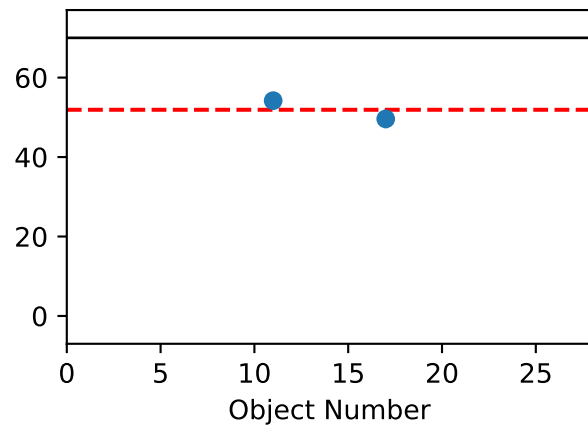
FruitNumMaxPerTruss (Def=na Set=5)

avg1=5.0~18% avg2=na

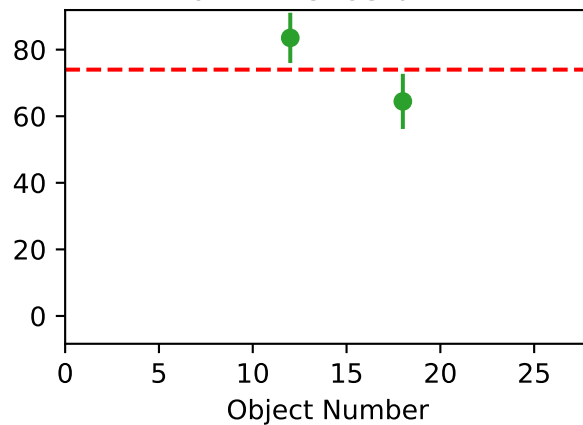




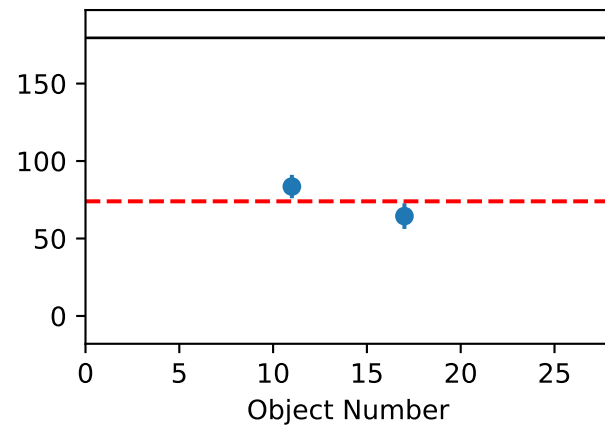
FrD_Q90AbsY (Def=70 Set=70)
avg1=51.9~6% avg2=na



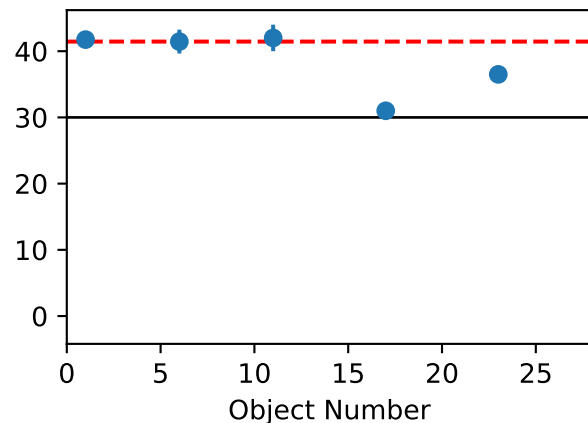
FrV_avgAbsY (Def=na Set=na)
avg1=74.0~18% avg2=na



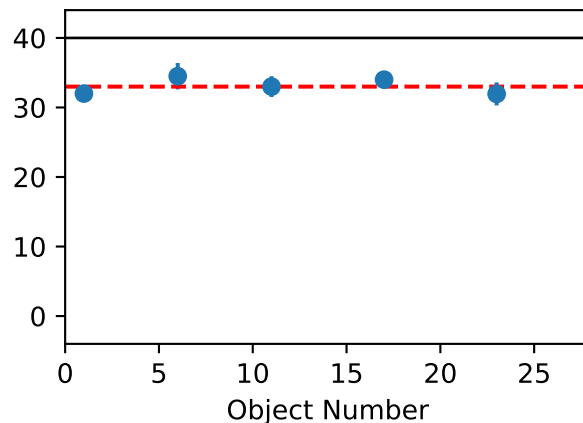
FrV_Q90AbsY (Def=179.5 Set=179.5)
avg1=74.0~18% avg2=na



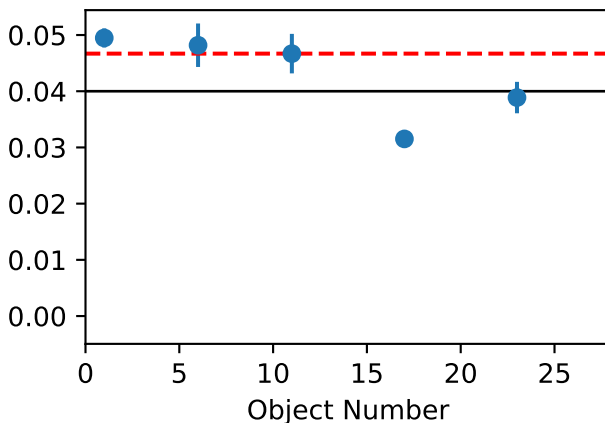
LfW_Q90AbsY (Def=30 Set=41.45)
avg1=41.45~12% avg2=na



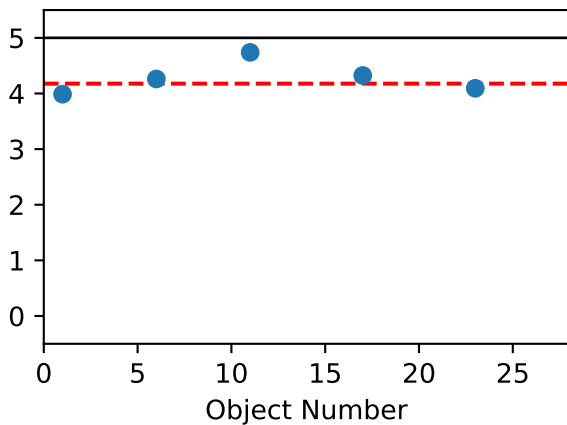
LfL_Q90AbsY (Def=40 Set=33.0)
avg1=33.0~3% avg2=na



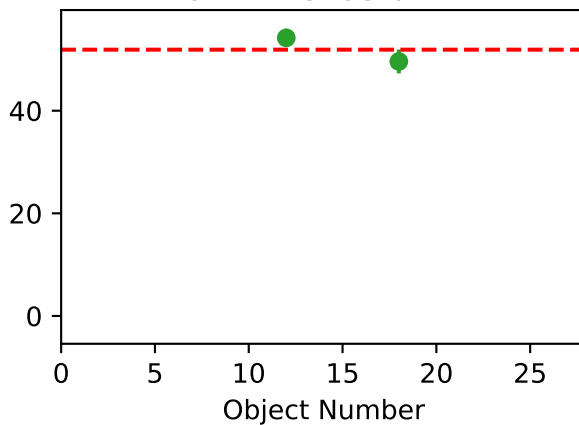
LfA_Q90AbsY (Def=0.04 Set=0.05)
avg1=0.05~16% avg2=na



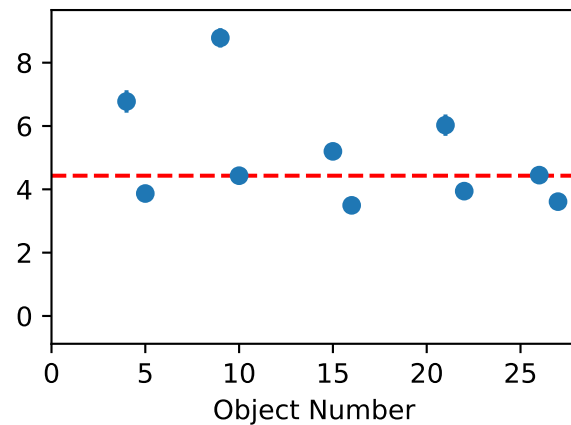
NdL_Q90AbsY (Def=5 Set=4.18)
avg1=4.18~4% avg2=na



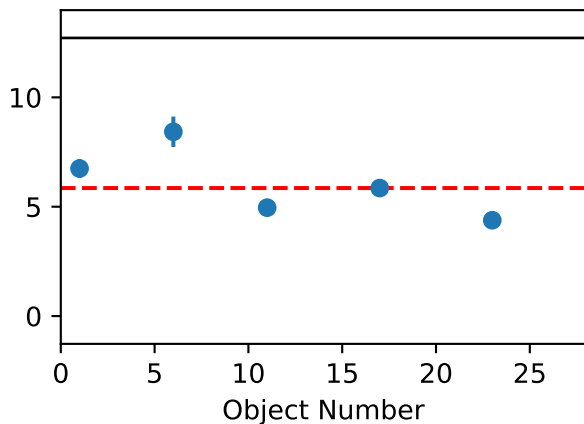
FrD_avgAbsY (Def=na Set=na)
avg1=5.19~6% avg2=na



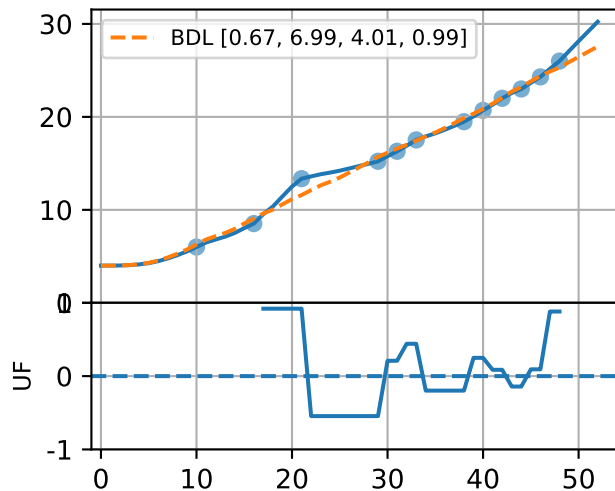
NdV_avgAbsY (Def=na Set=4.43)
avg1=4.43~26% avg2=na



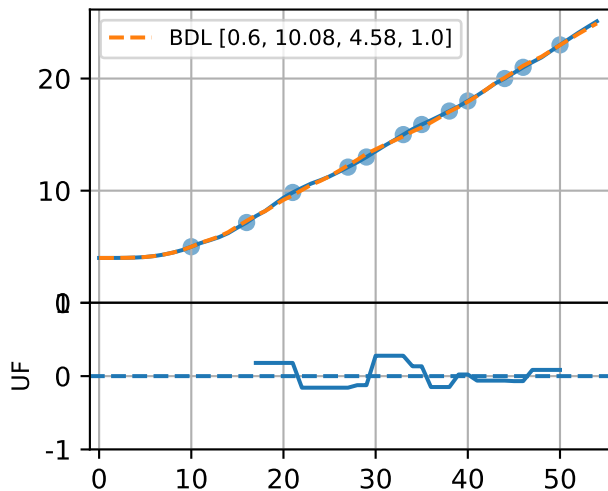
NdV_Q90AbsY (Def=12.72 Set=5.85)
avg1=5.85~27% avg2=na



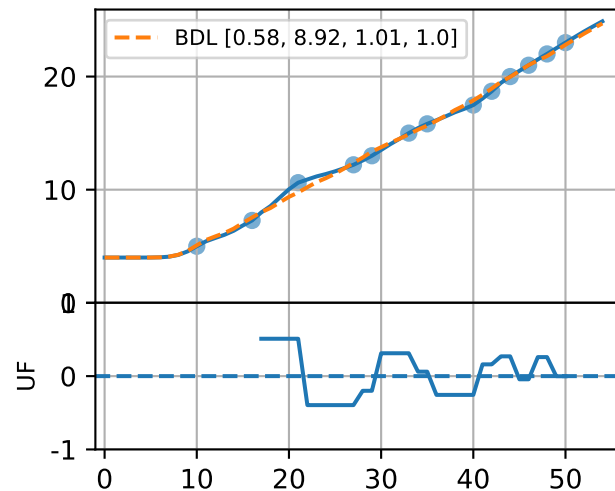
P9AE-065-3 (fit failed)



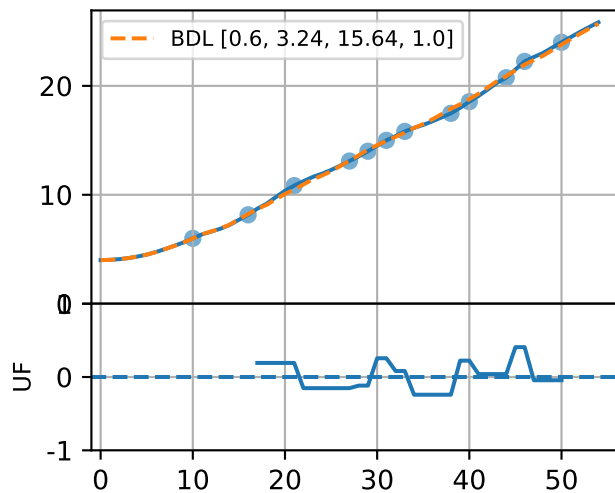
P9AE-077-32 (fit failed)



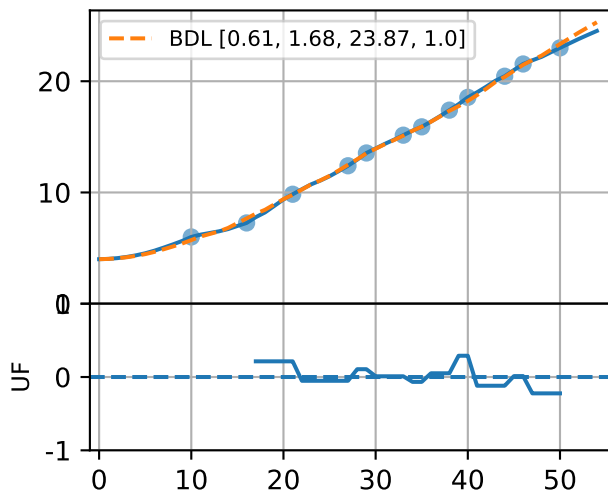
P9AE-089-25 (fit failed)



P9AE-100-19 (fit failed)

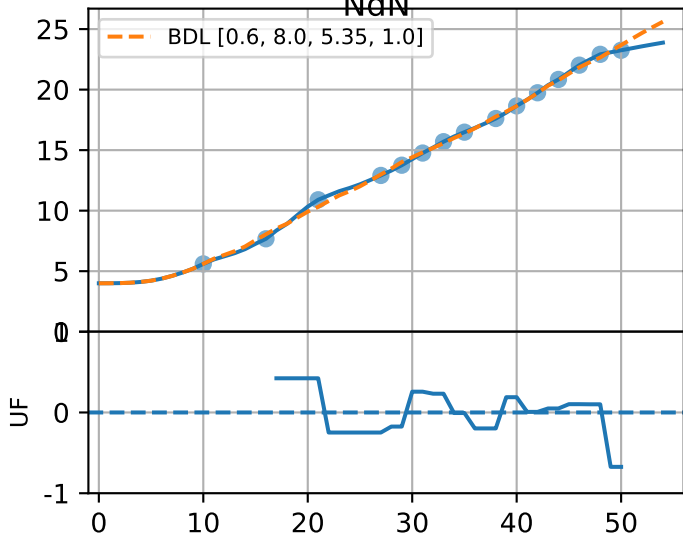


P9AE-111-7 (fit failed)

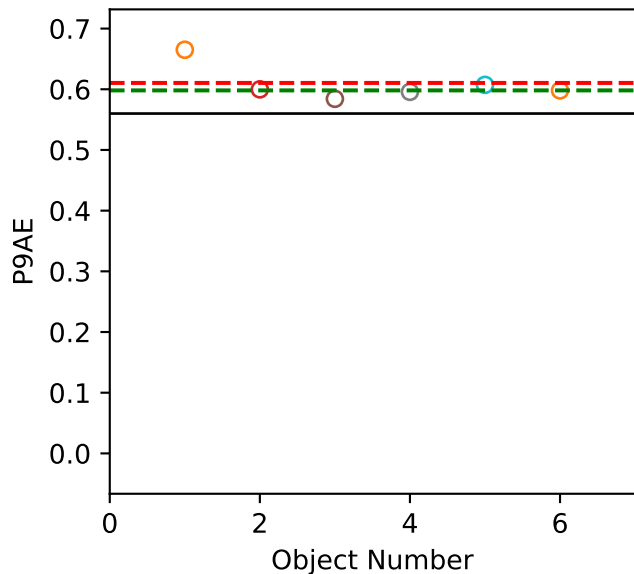


P9AEavg (fit failed)

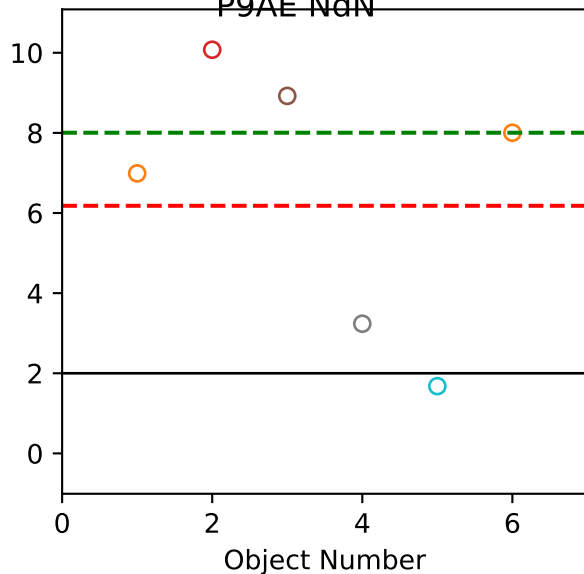
NaN



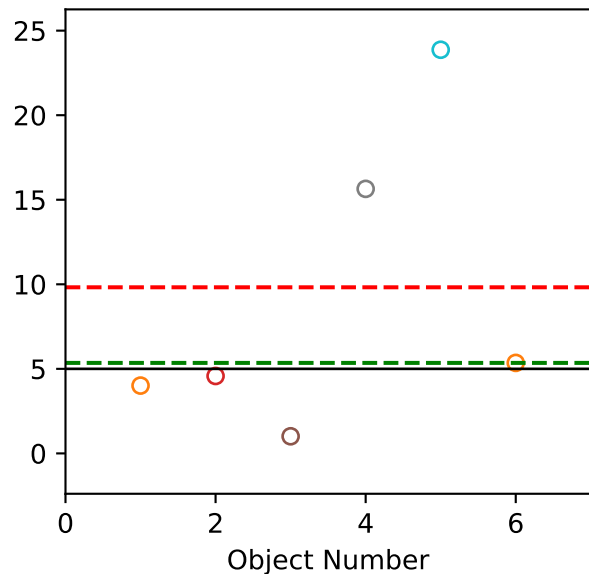
a (Def=0.56 Set=0.6)
avg1=0.61(fail) avg2=0.6



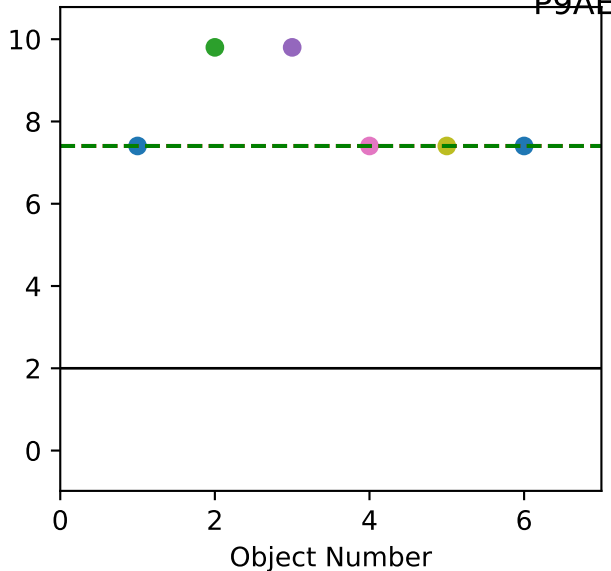
dm (Def=2 Set=8.0)
avg1=6.18(fail) avg2=8.0



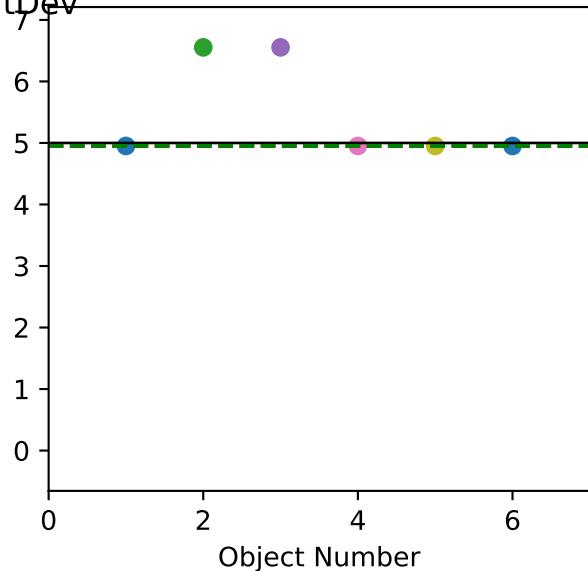
de (Def=5 Set=5.35)
avg1=9.82(fail) avg2=5.35



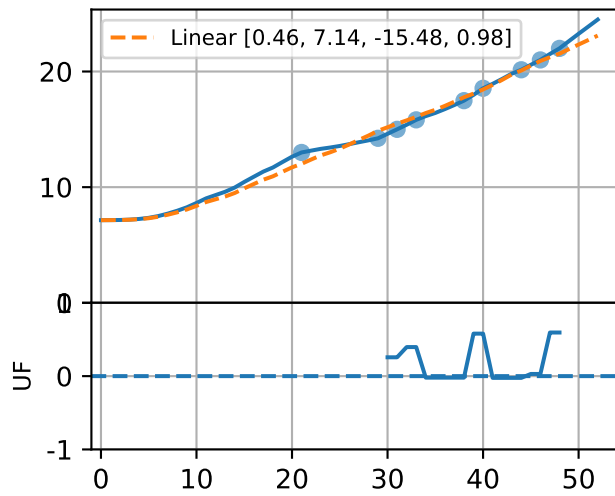
InitDev_dm (Def=2 Set=7.4)
avg1=7.4~18% avg2=7.4



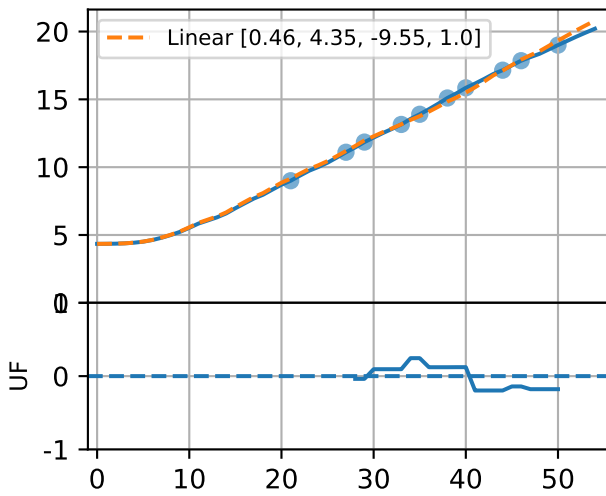
InitDev_de (Def=5 Set=4.95)
avg1=4.95~18% avg2=4.95



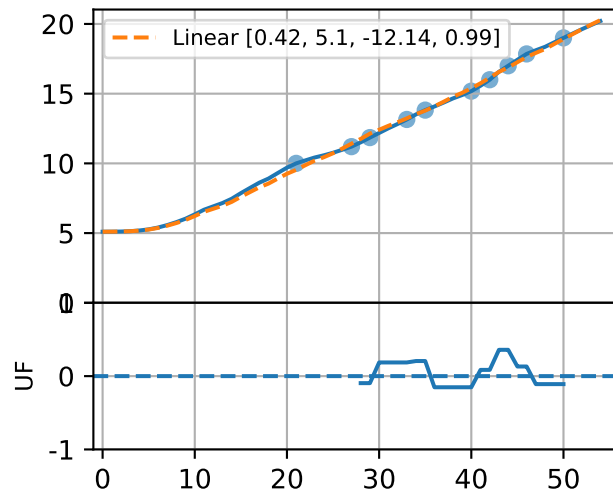
P9AE-065-3



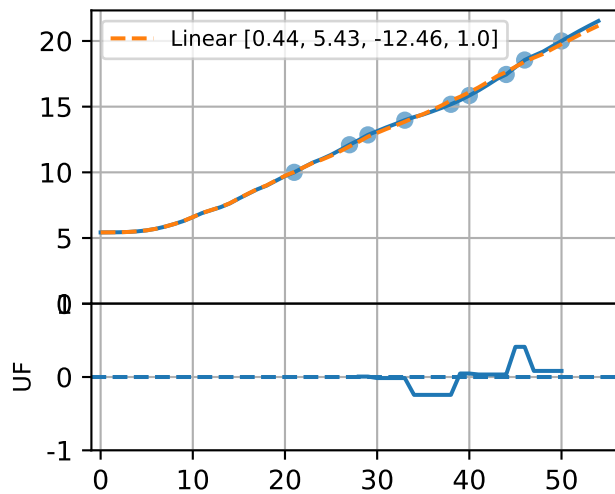
P9AE-077-32



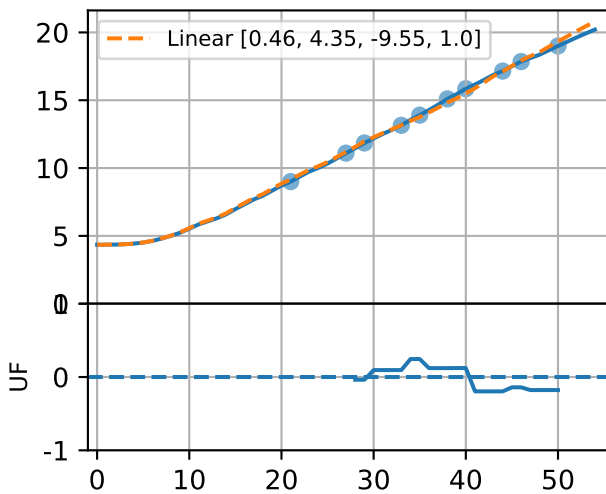
P9AE-089-25



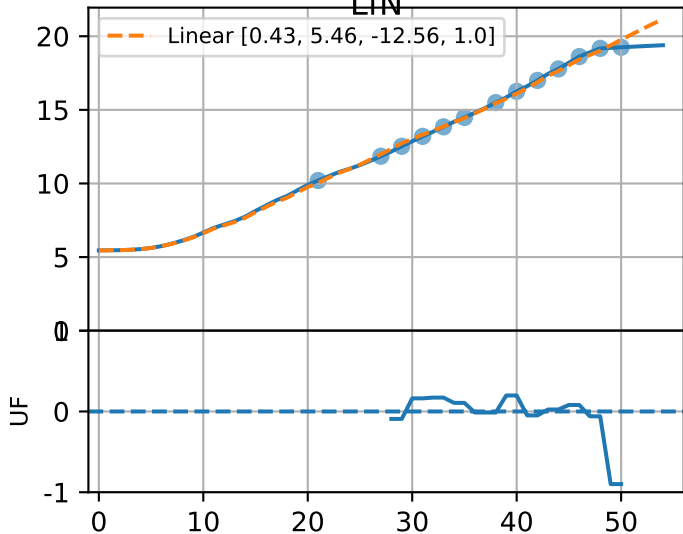
P9AE-100-19

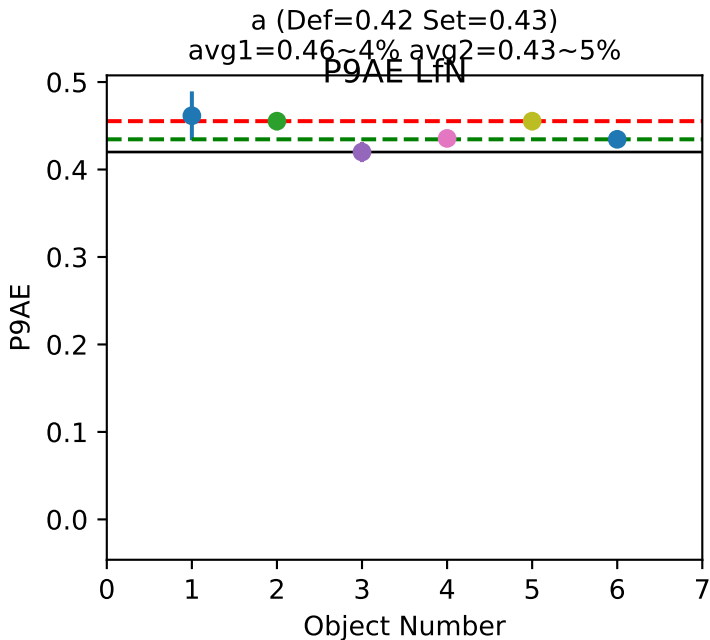


P9AE-111-7



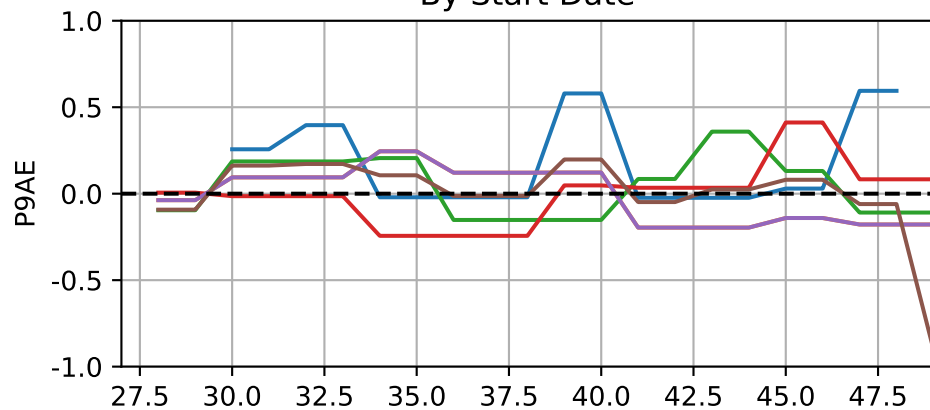
P9AEavg
Lfn



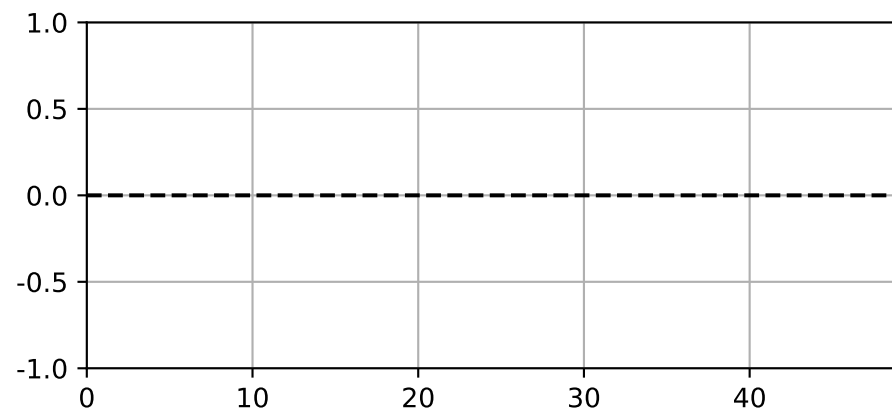
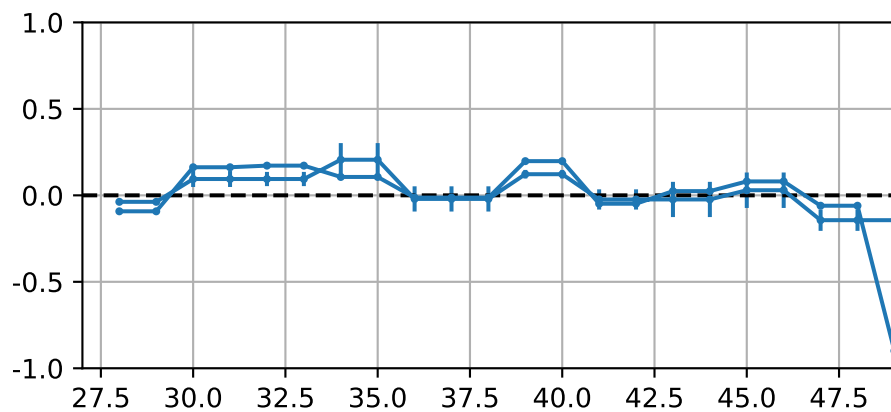
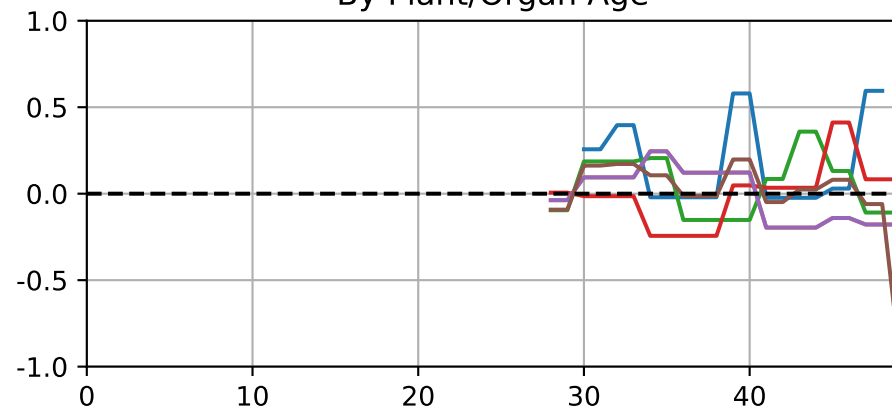


LfN

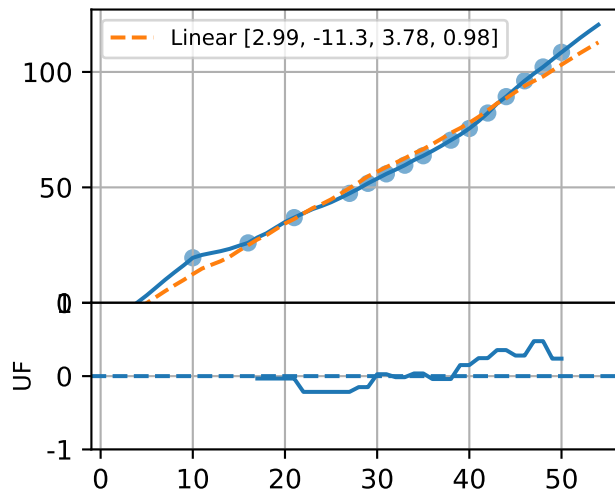
By Start Date



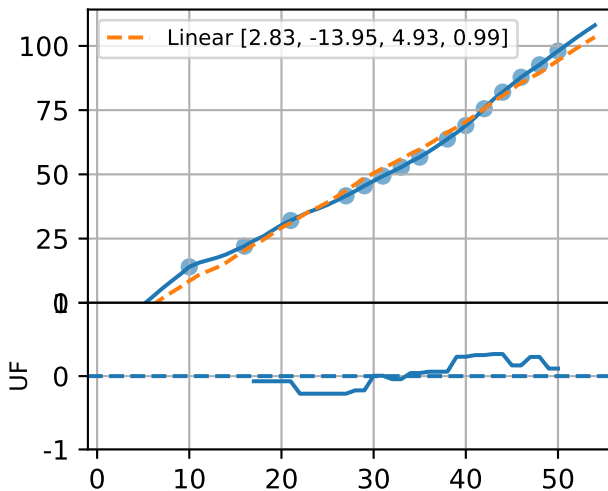
By Plant/Organ Age



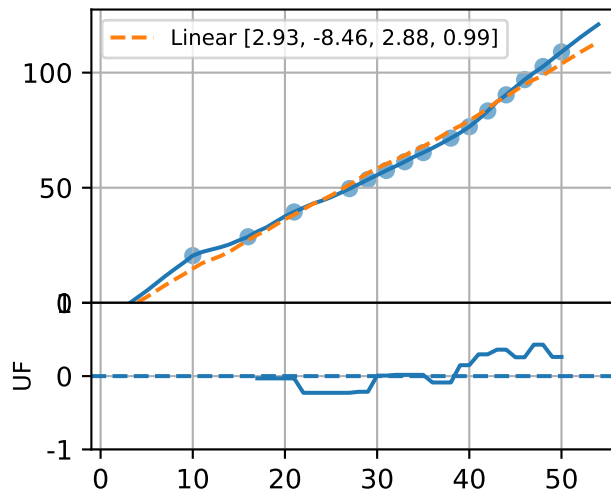
P9AE-065-3



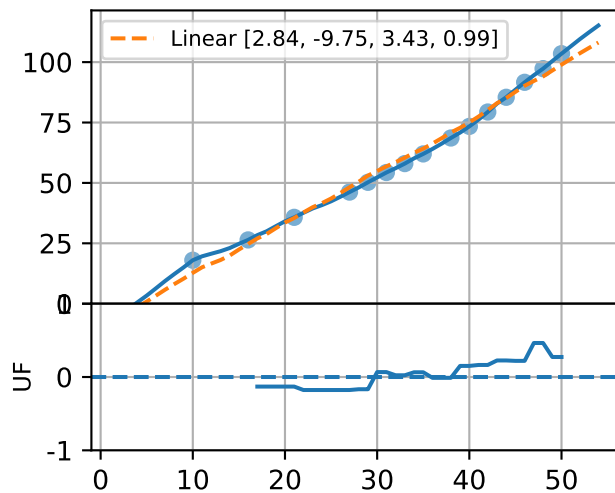
P9AE-077-32



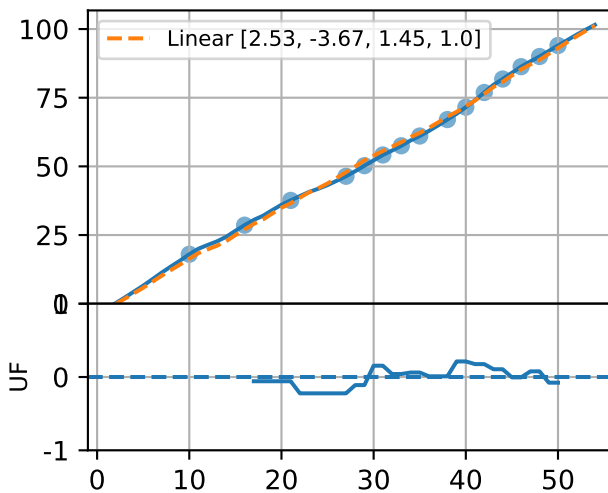
P9AE-089-25



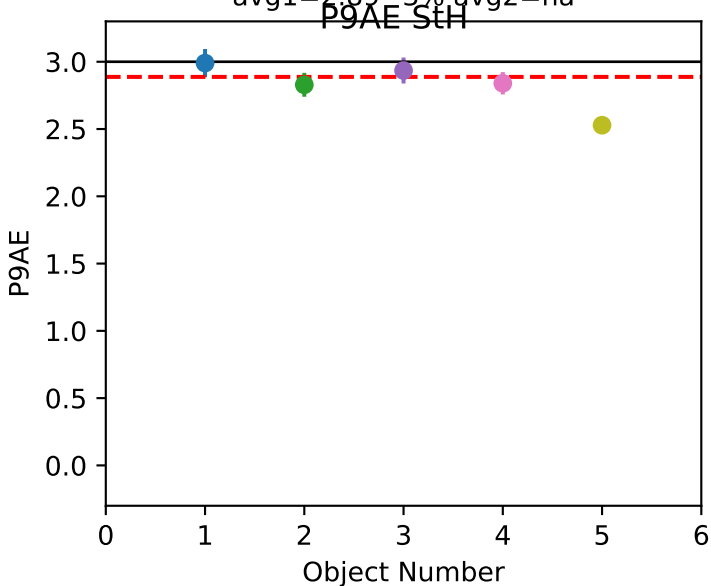
P9AE-100-19



P9AE-111-7

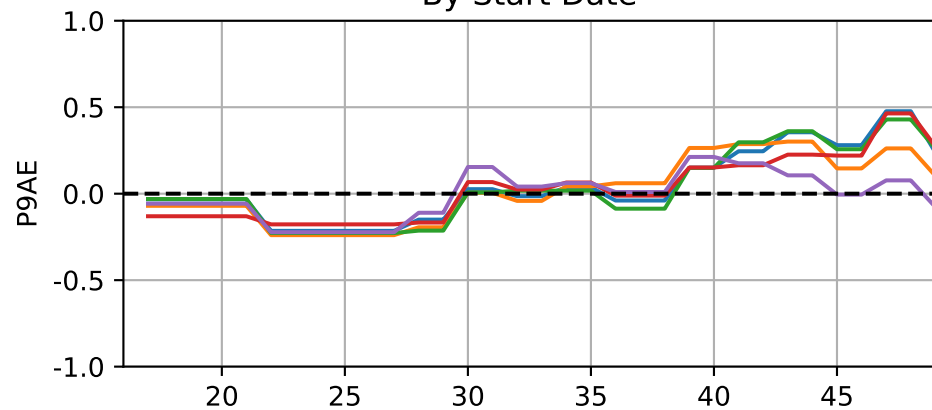


a (Def=3 Set=2.89)
avg1=2.89~3% avg2=na

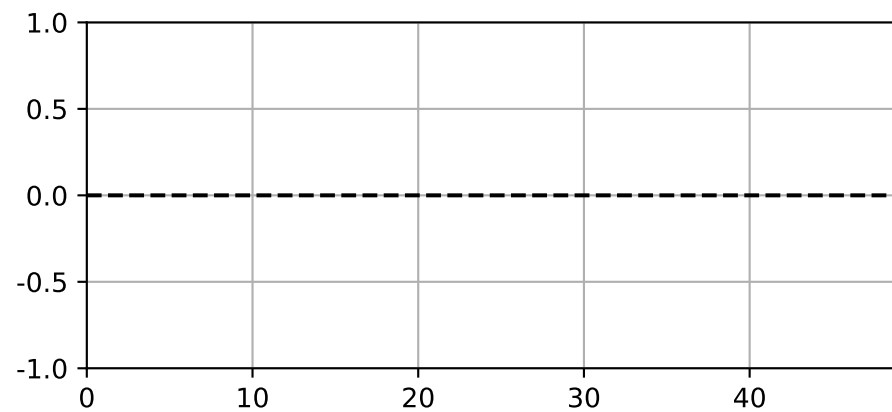
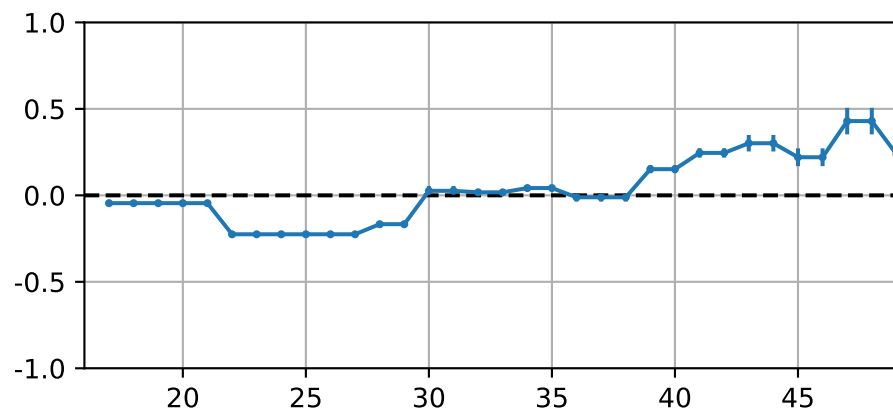
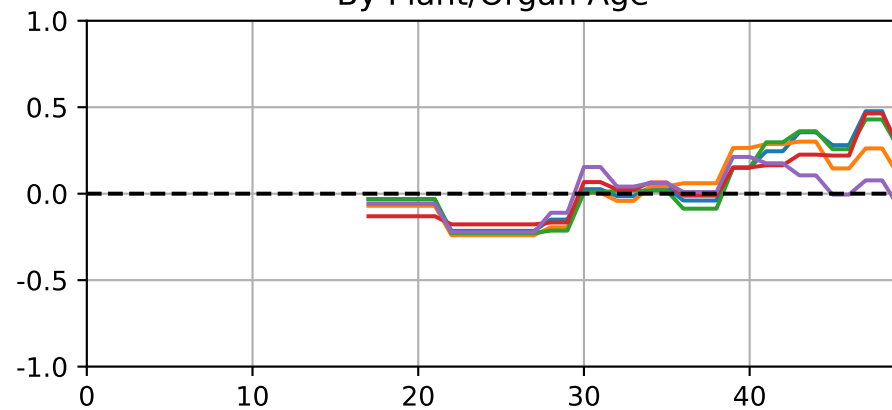


StH

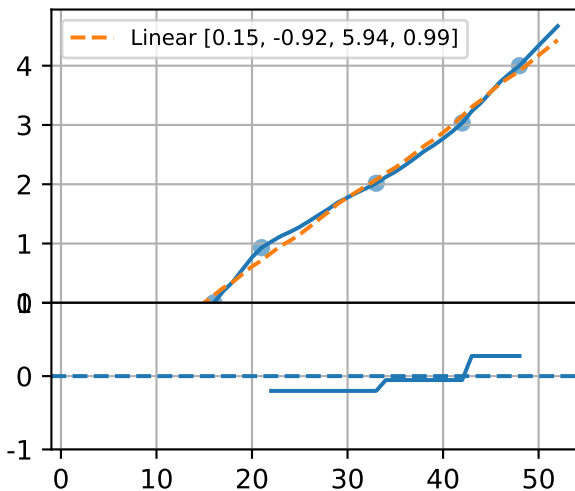
By Start Date



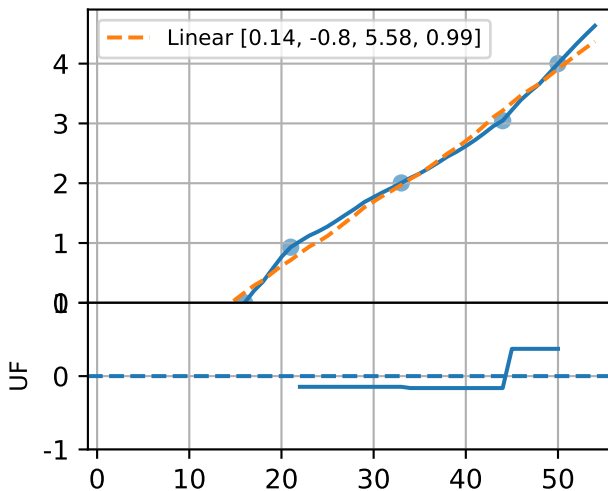
By Plant/Organ Age



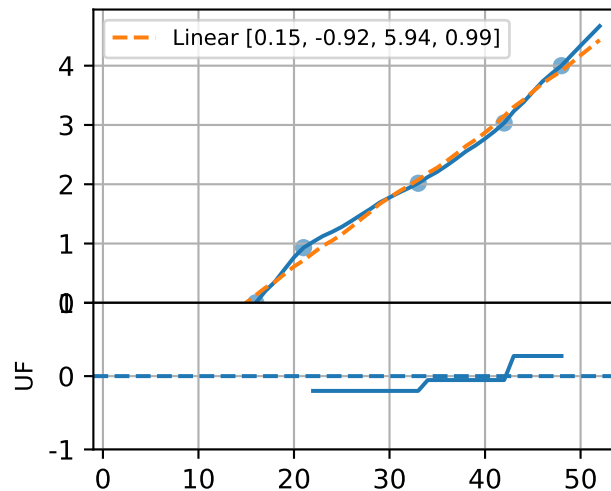
P9AE-065-3



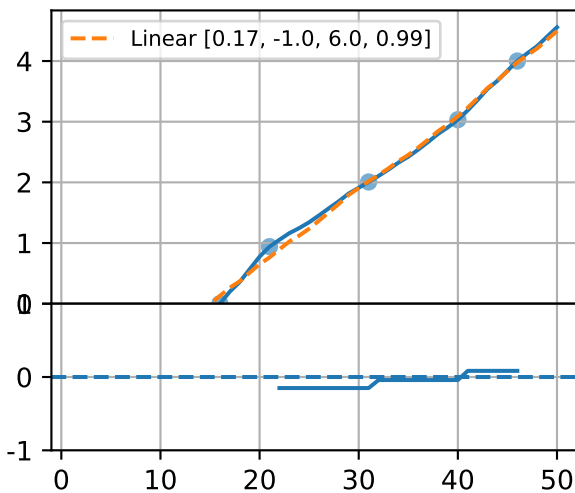
P9AE-077-32



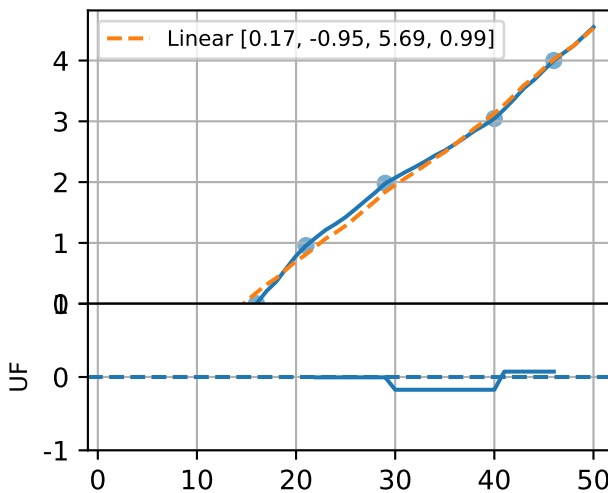
P9AE-089-25



P9AE-100-19



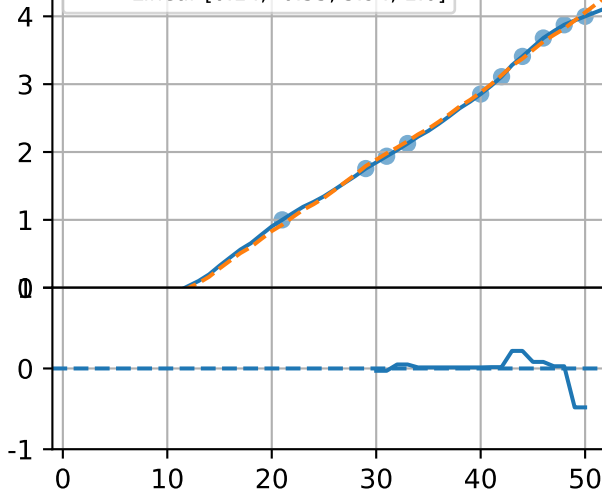
P9AE-111-7

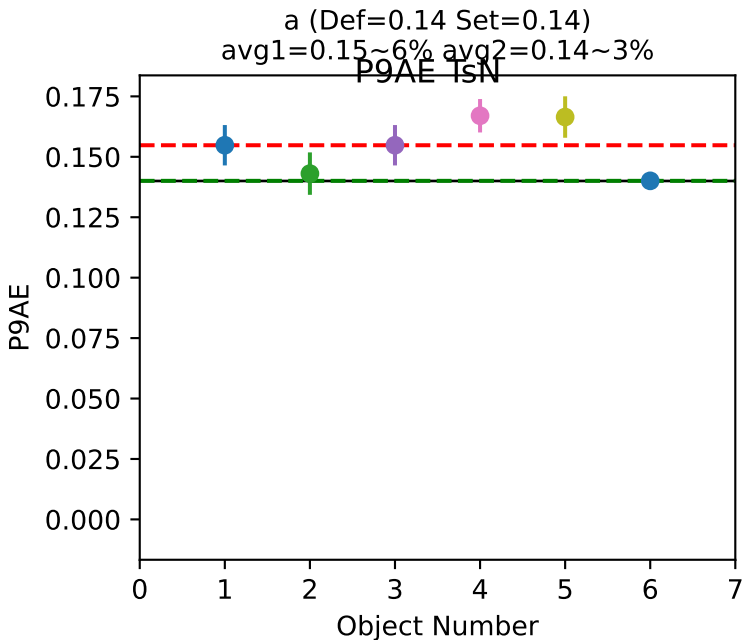


P9AEavg
TSN

Linear [0.14, -0.55, 3.94, 1.0]

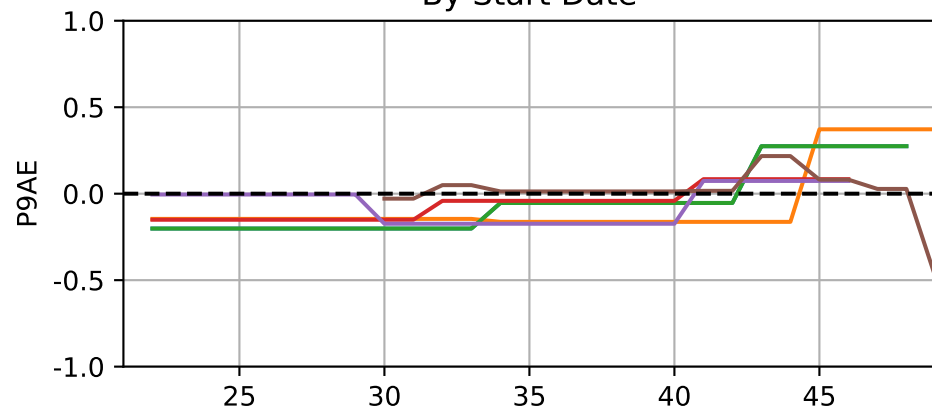
UF



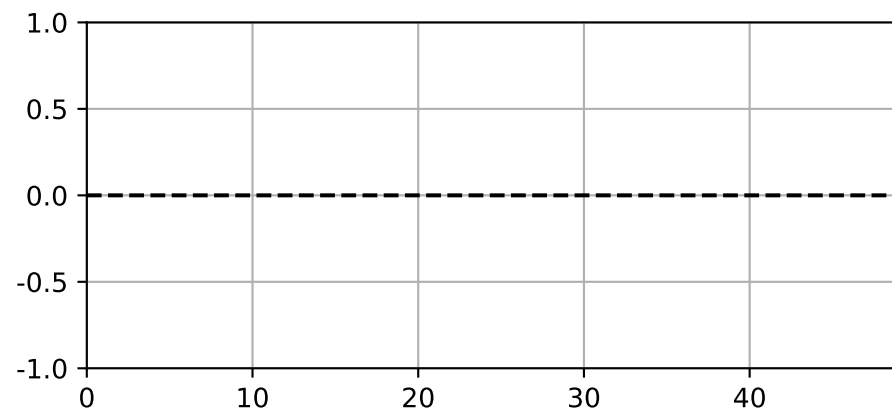
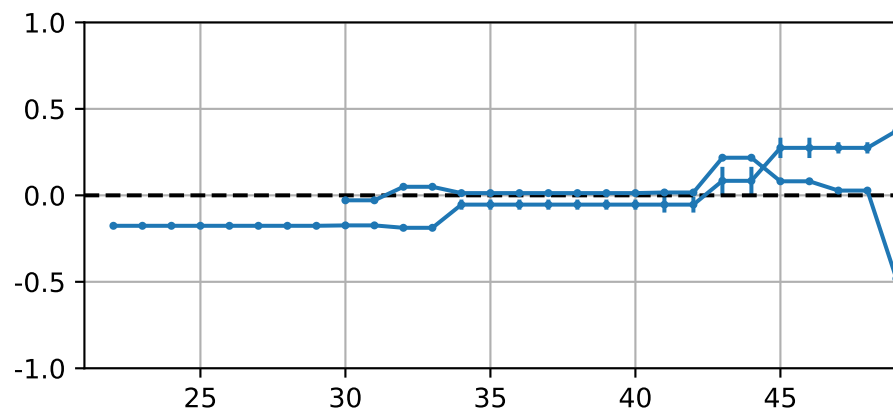
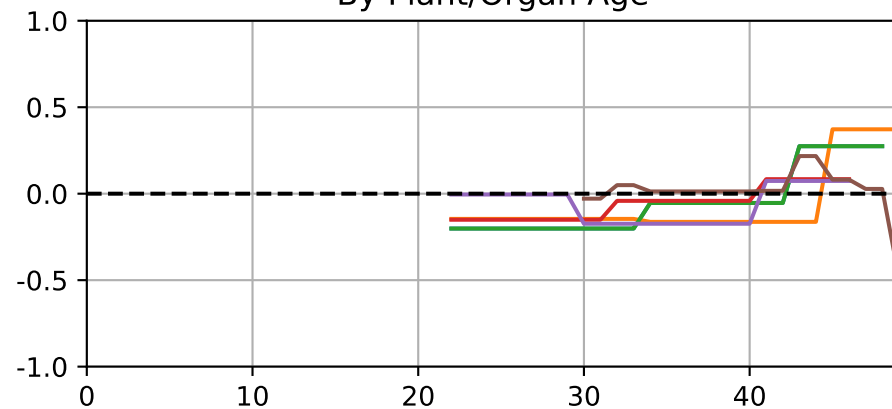


TsN

By Start Date

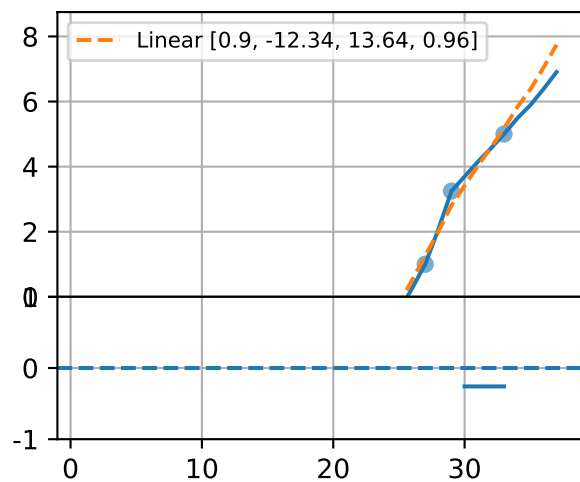


By Plant/Organ Age

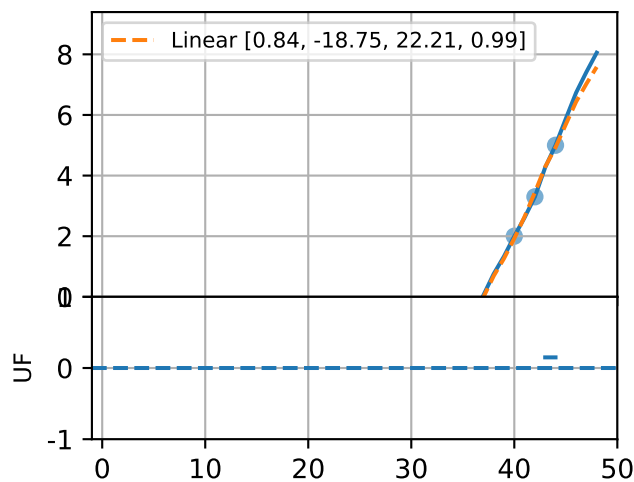


ErN

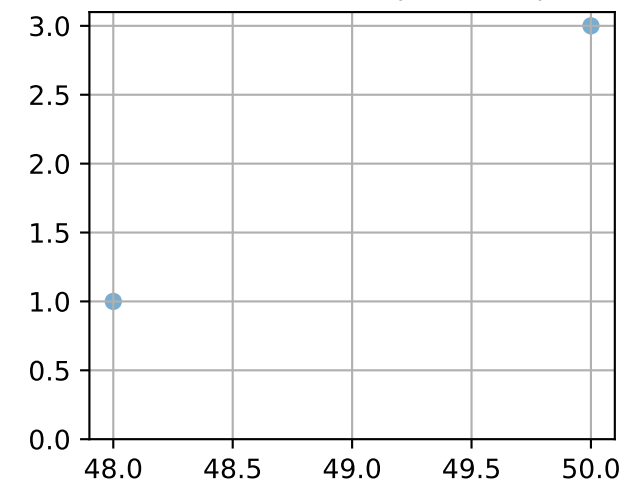
P9AE-065-3T1



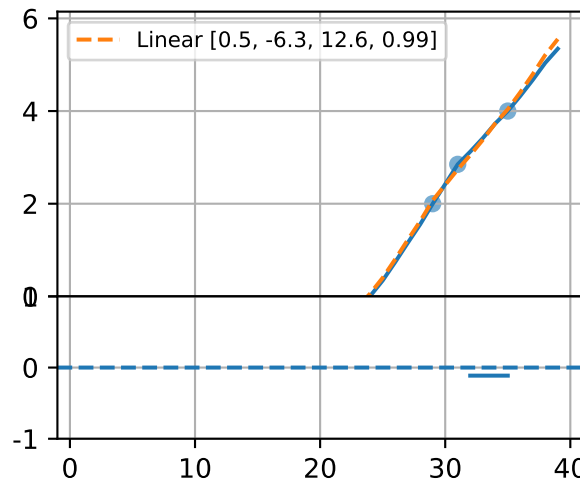
P9AE-065-3T2



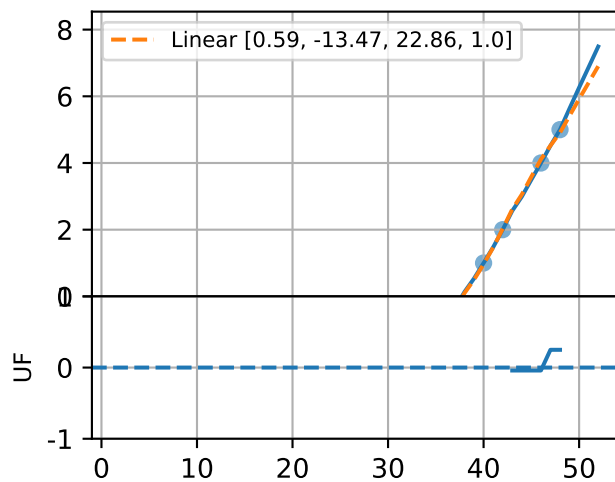
P9AE-065-3T3 (fit failed)



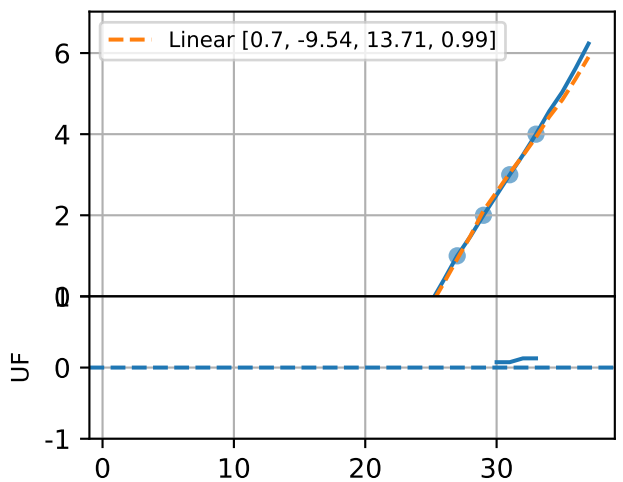
P9AE-077-32T1



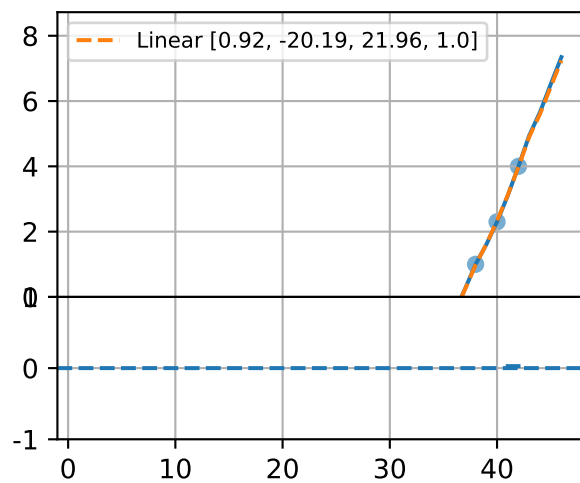
P9AE-077-32T2



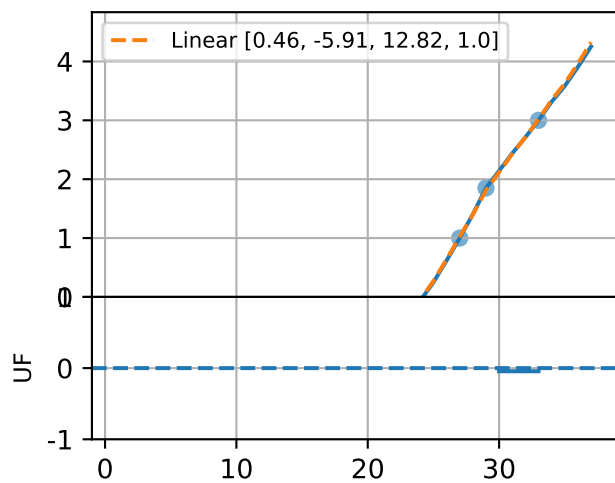
P9AE-089-25T1



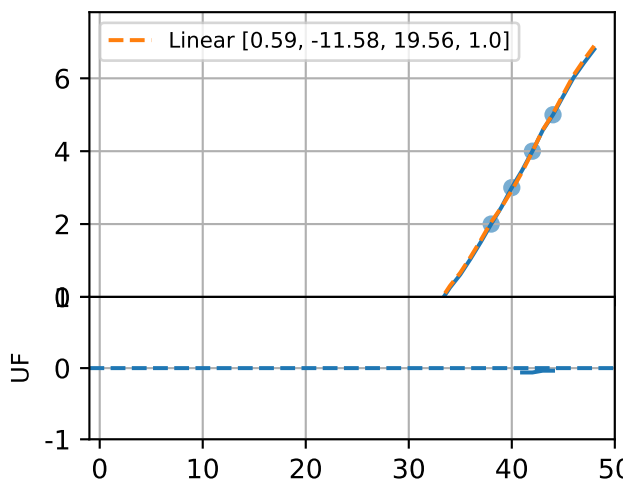
P9AE-089-25T2



P9AE-100-19T1

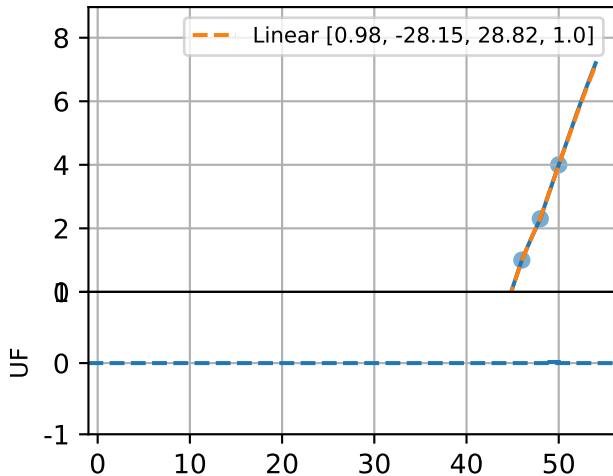


P9AE-100-19T2

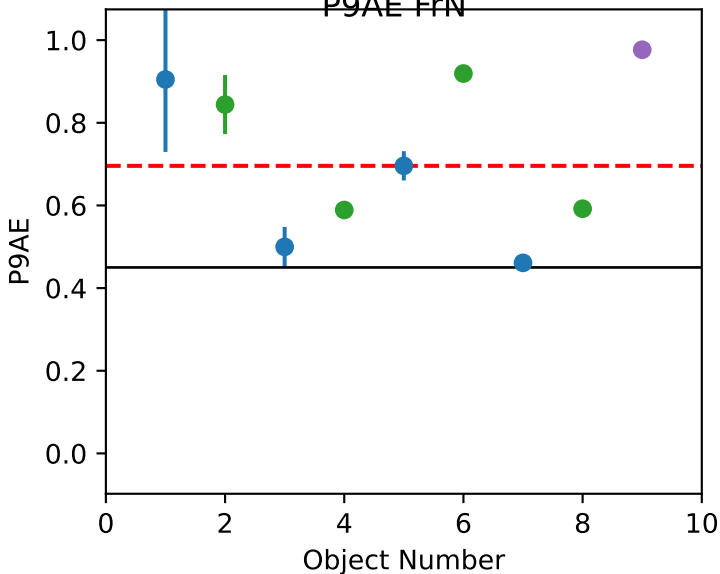


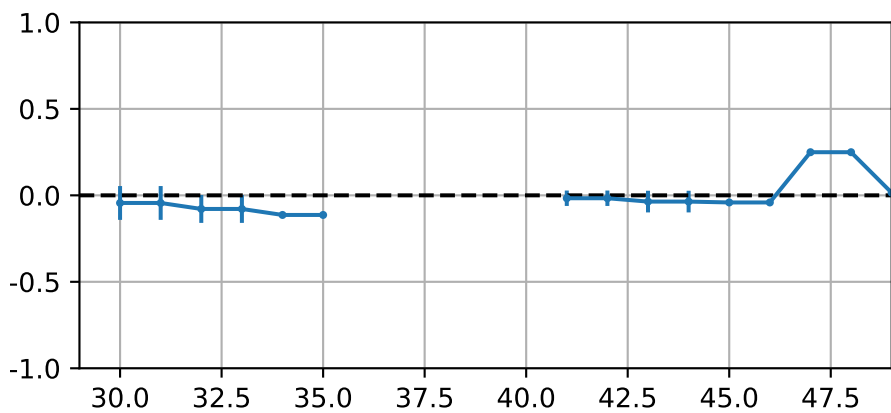
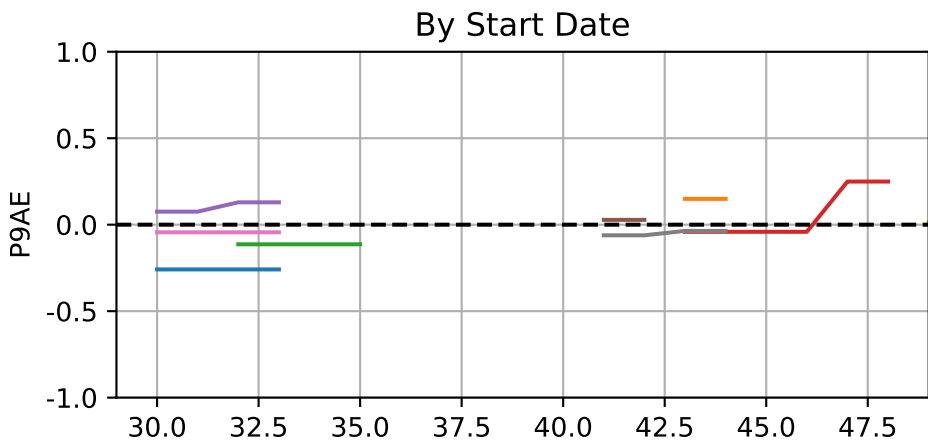
P9AE-100-19T3

FrN

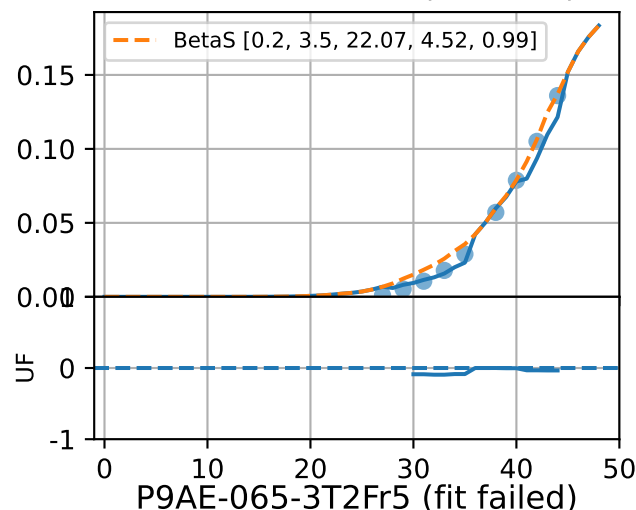


a (Def=0.45 Set=0.7)
avg1=0.7~28% avg2=na
P9AE FrN

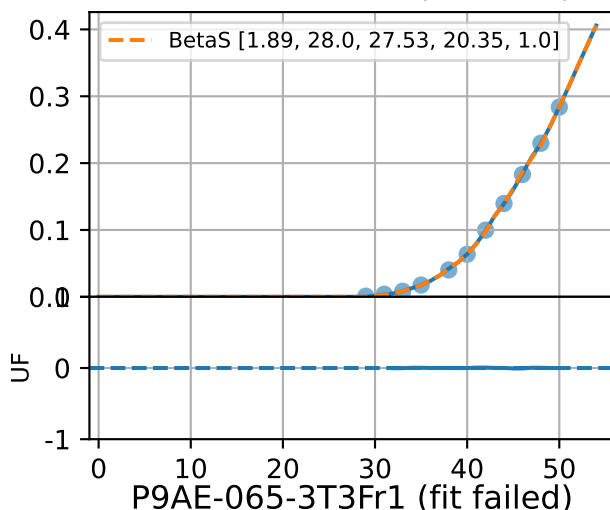




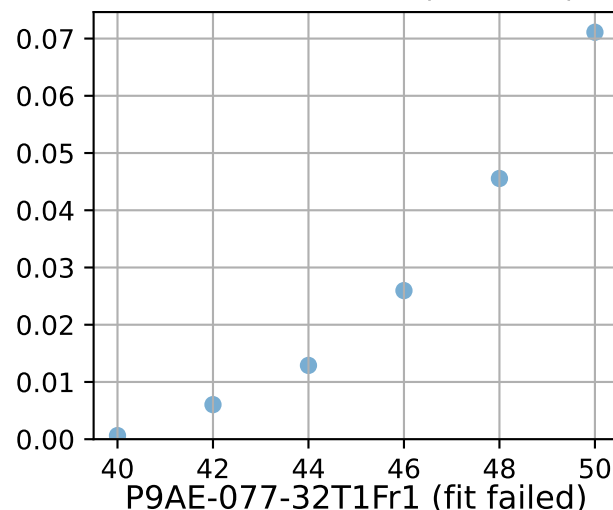
P9AE-065-3T1Fr1 (fit failed)



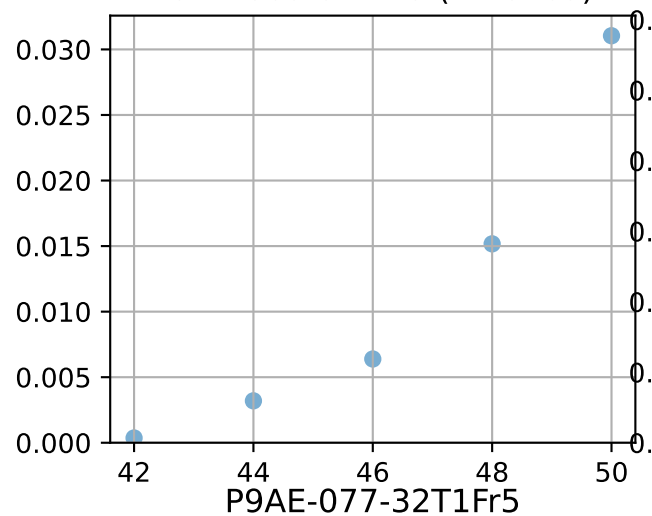
P9AE-065-3T1Fr5 (fit failed)



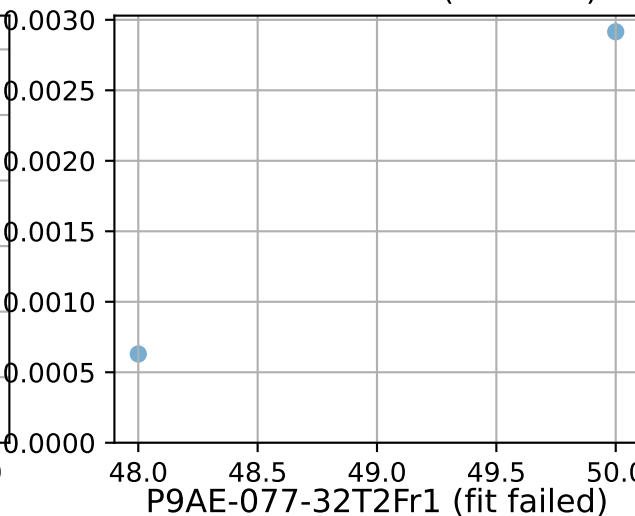
P9AE-065-3T2Fr1 (fit failed)



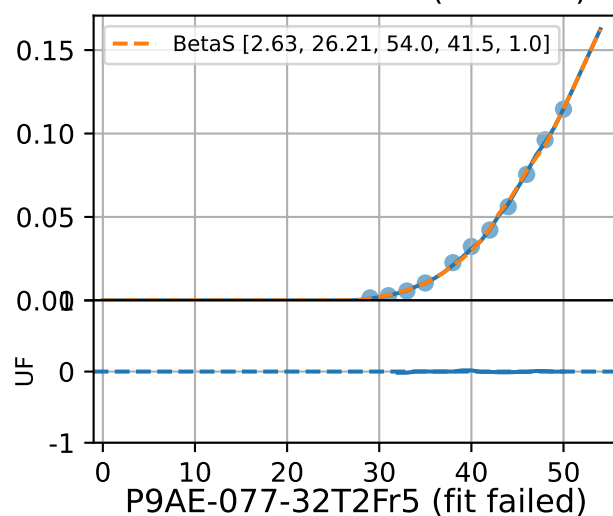
P9AE-065-3T2Fr5 (fit failed)



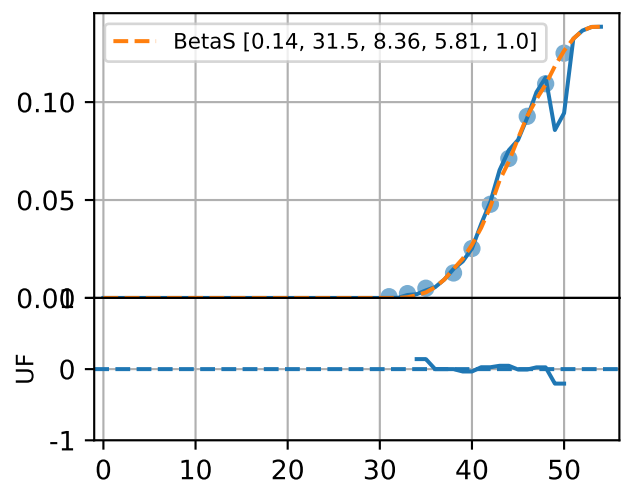
P9AE-065-3T3Fr1 (fit failed)



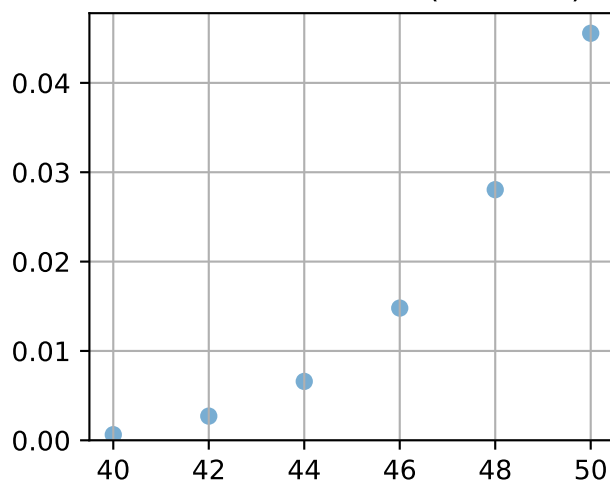
P9AE-077-32T1Fr1 (fit failed)



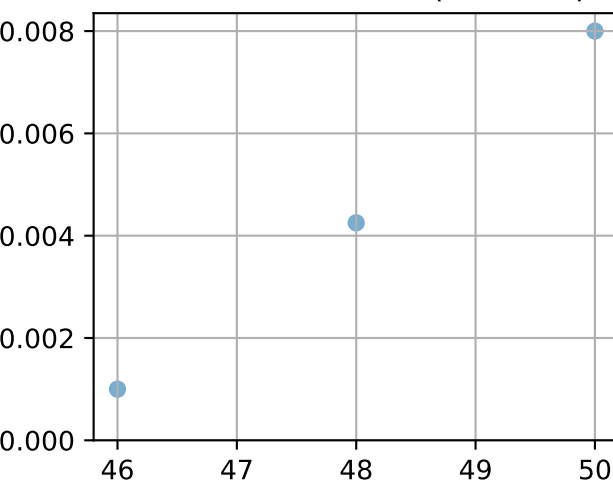
P9AE-077-32T1Fr5



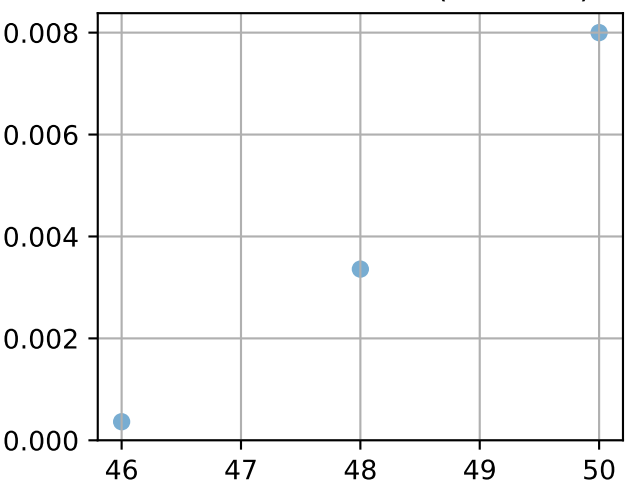
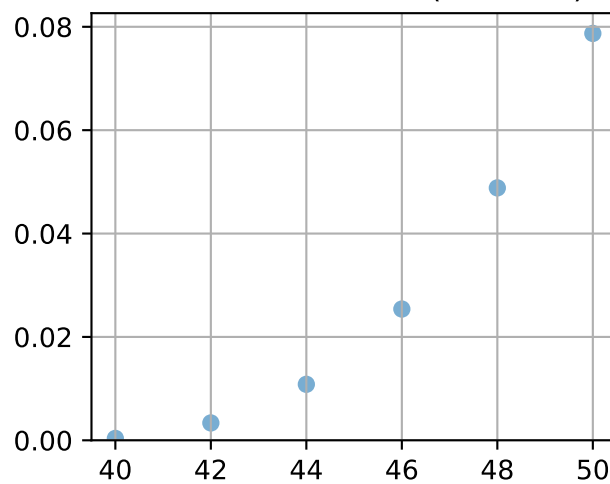
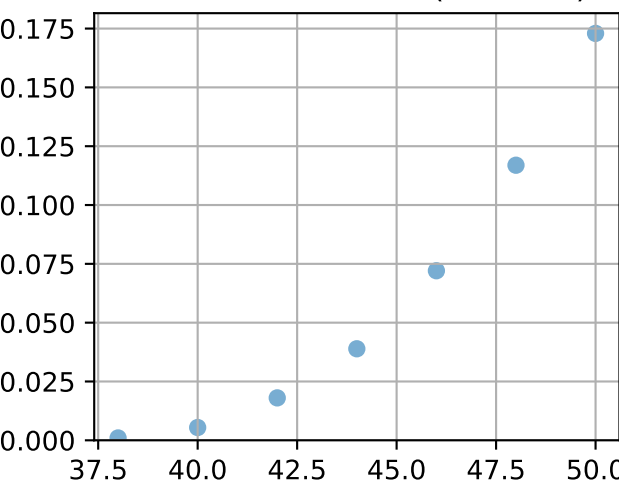
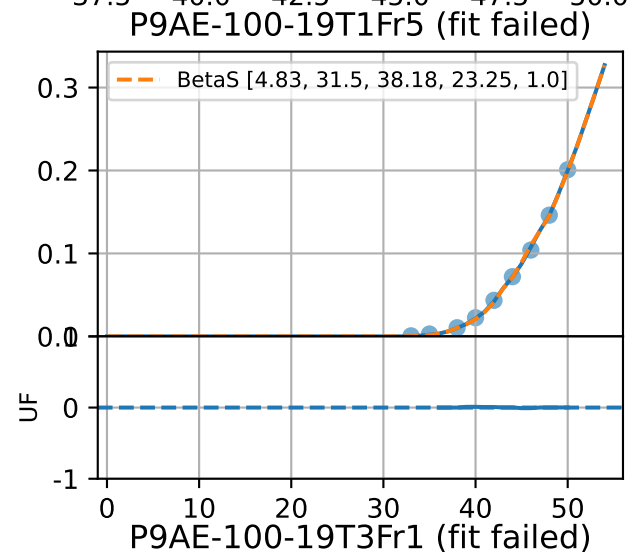
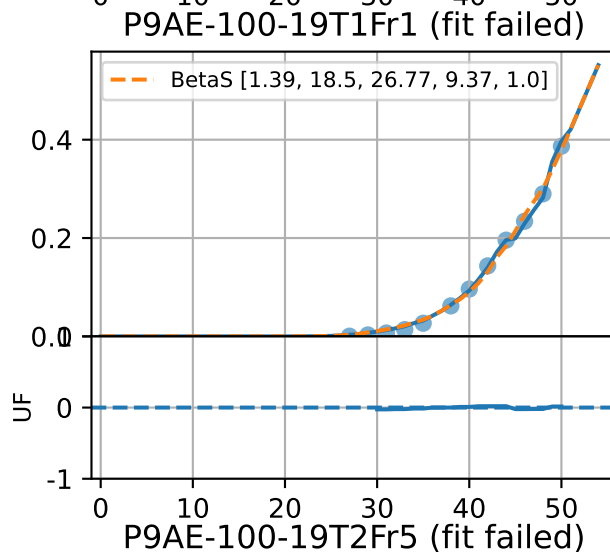
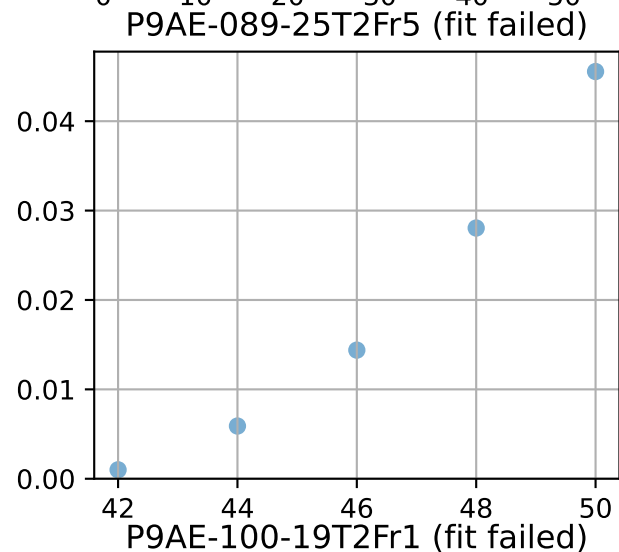
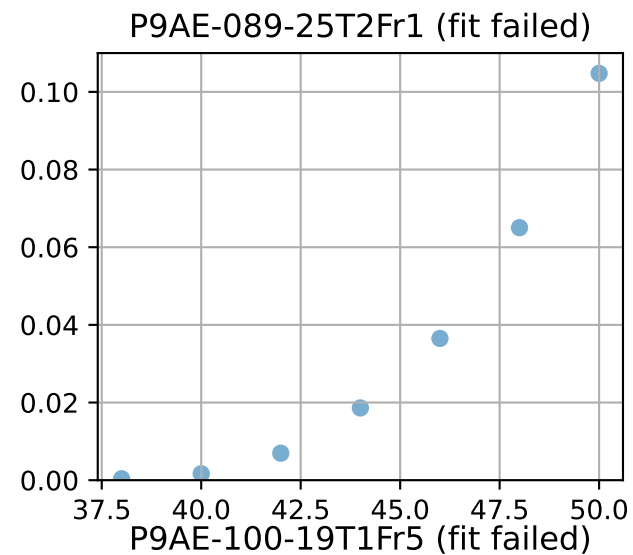
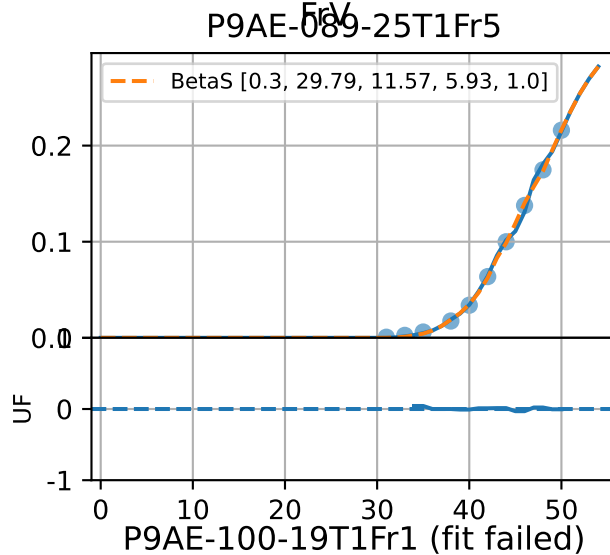
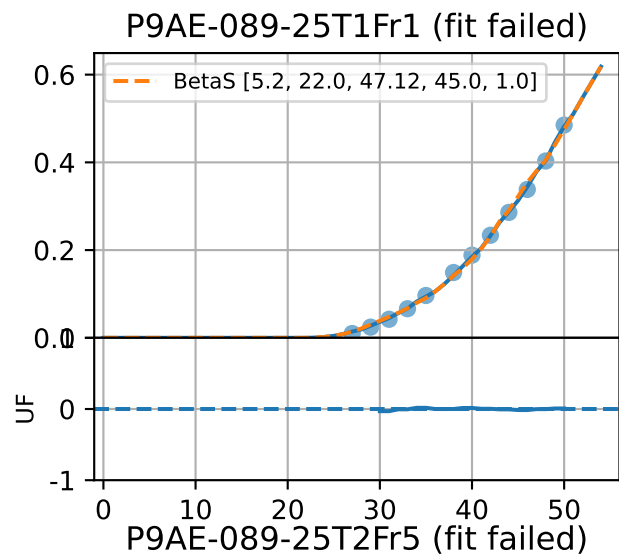
P9AE-077-32T2Fr1 (fit failed)



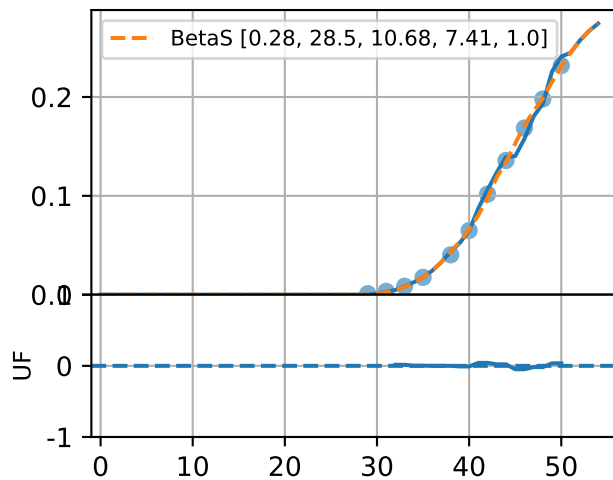
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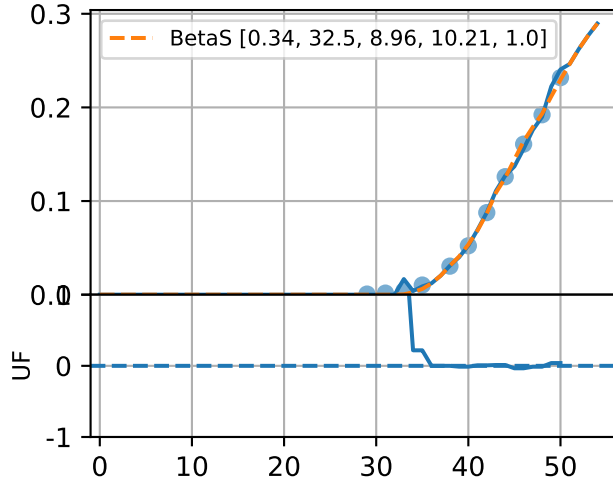
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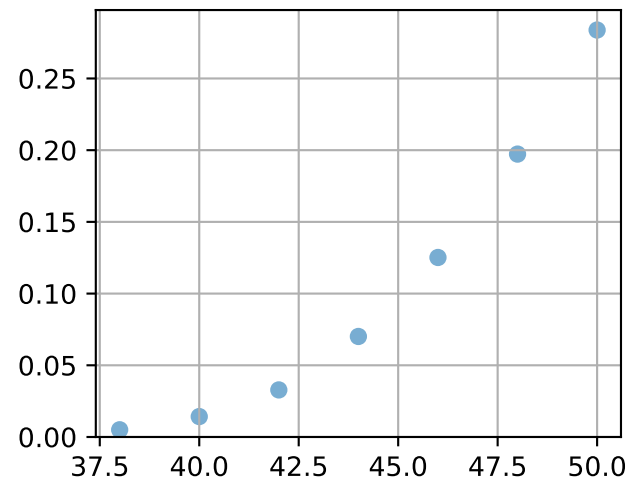
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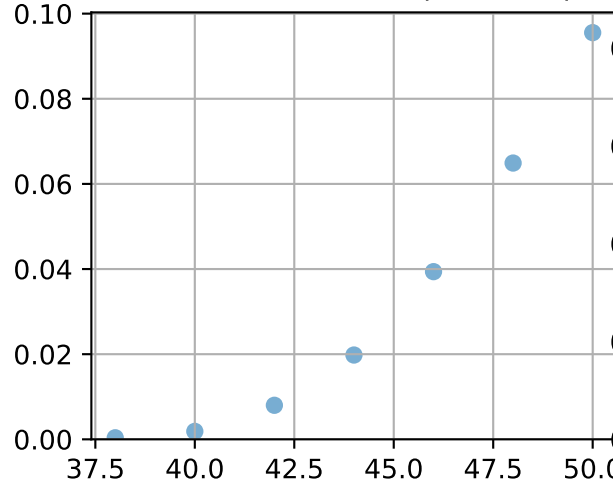
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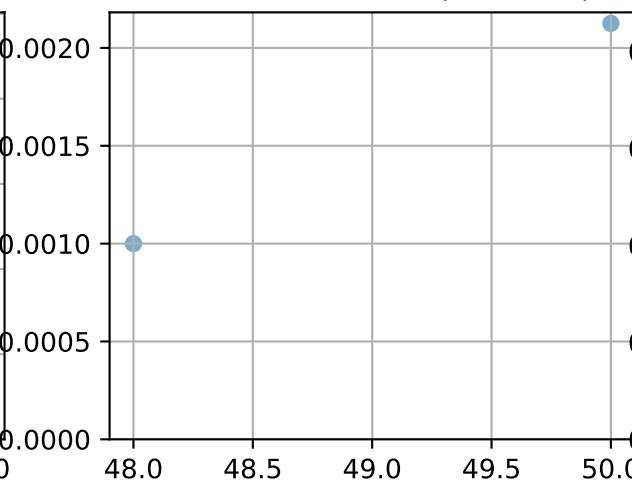
P9AE-111-7T2Fr1 (fit failed)



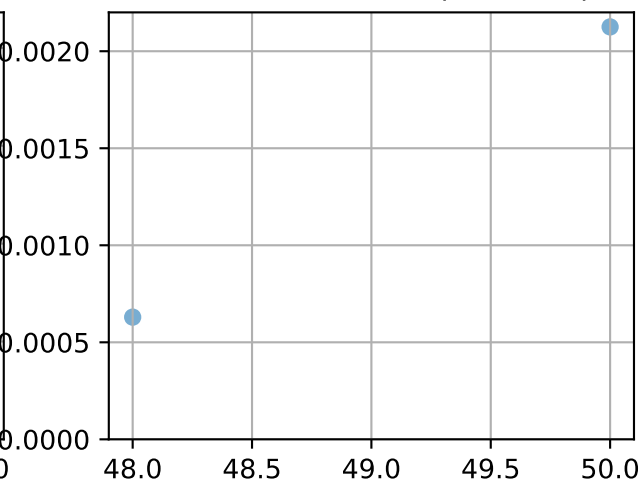
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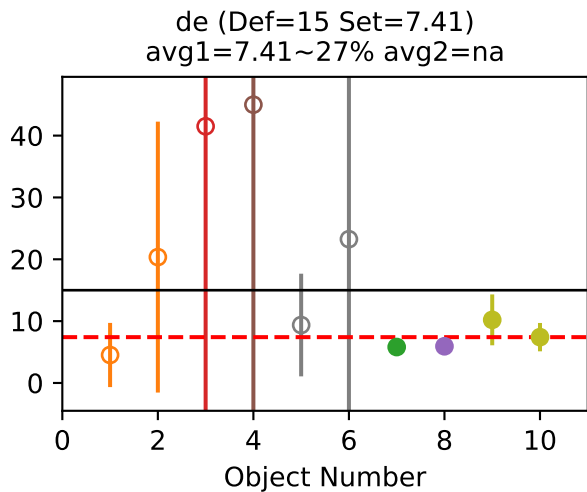
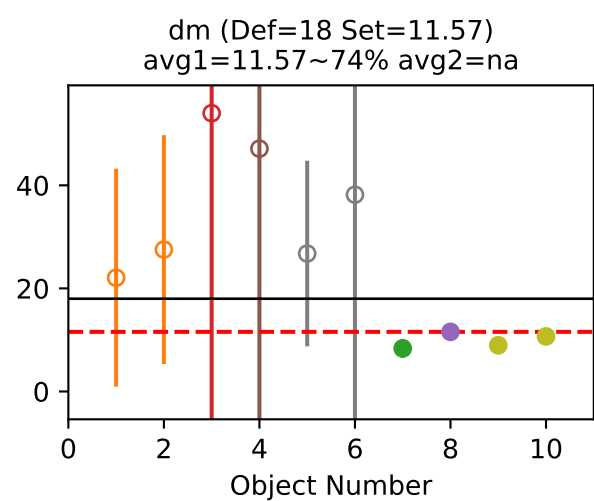
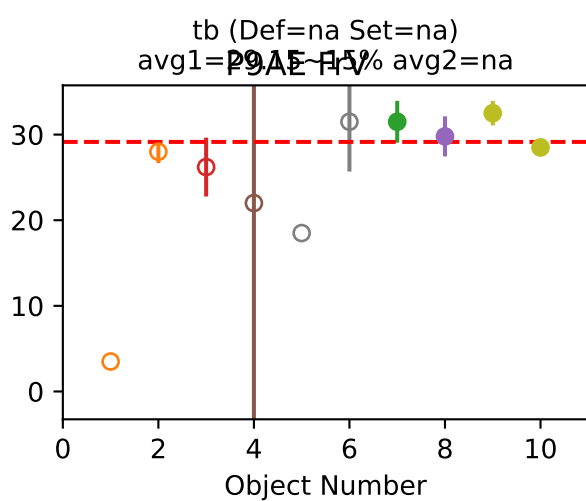
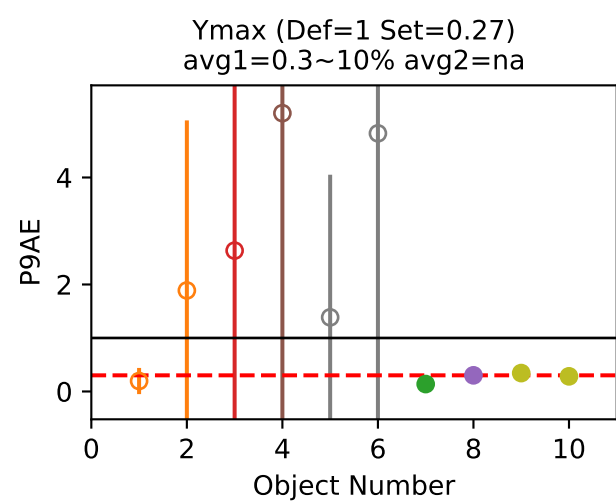


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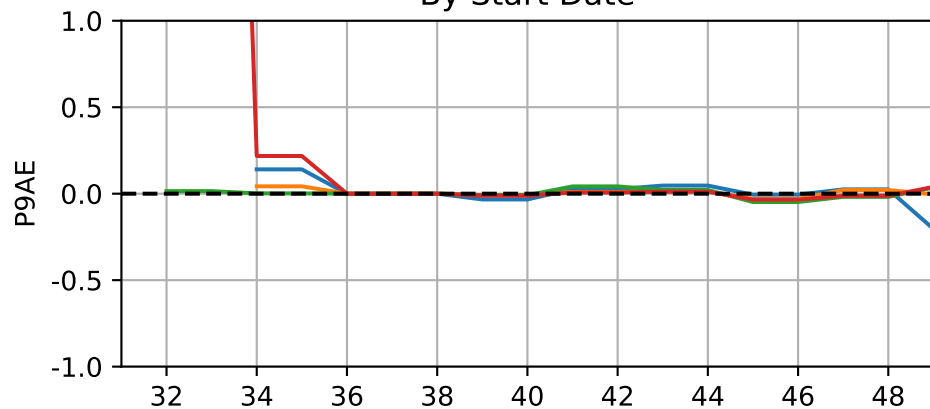


P9AE-111-7T3Fr5 (fit failed)

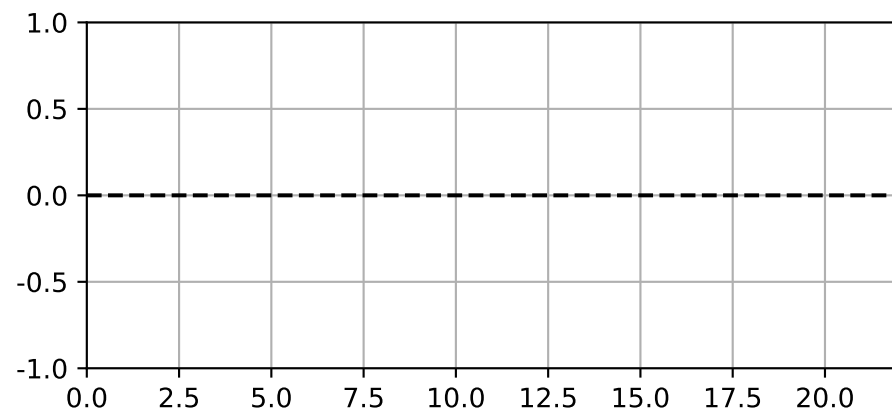
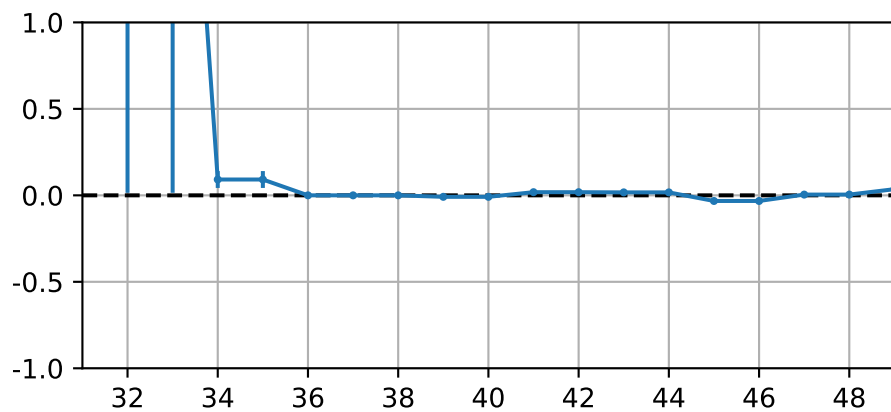
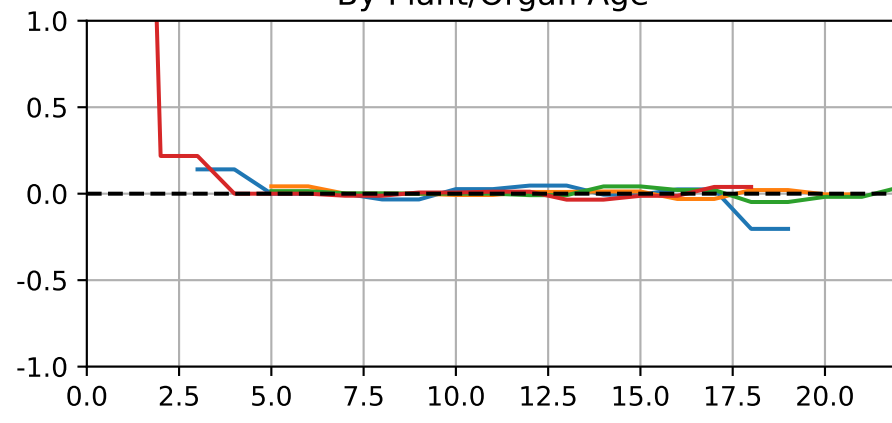




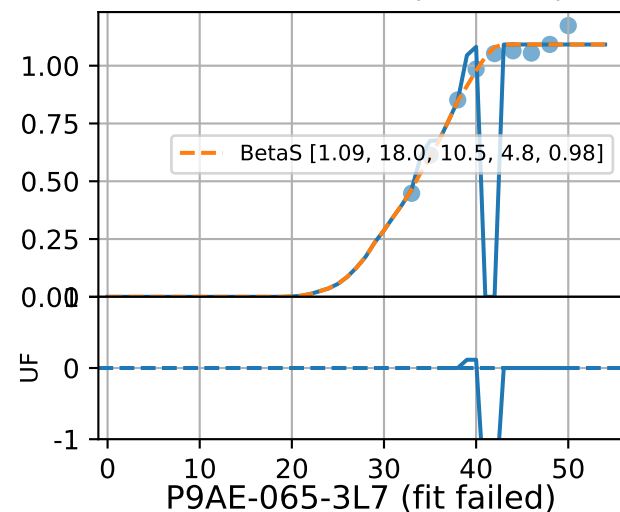
By Start Date



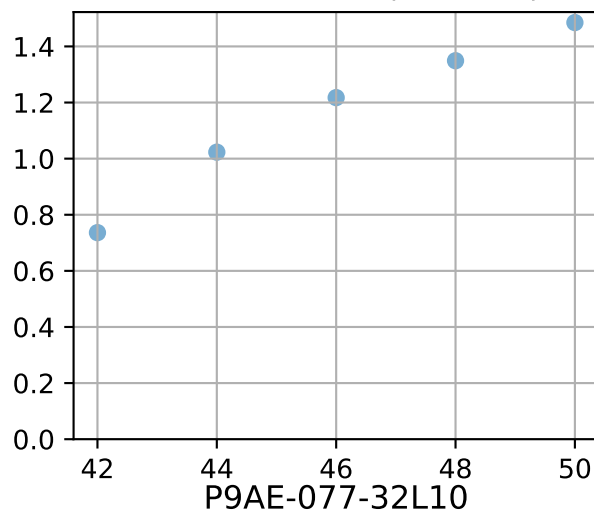
By Plant/Organ Age



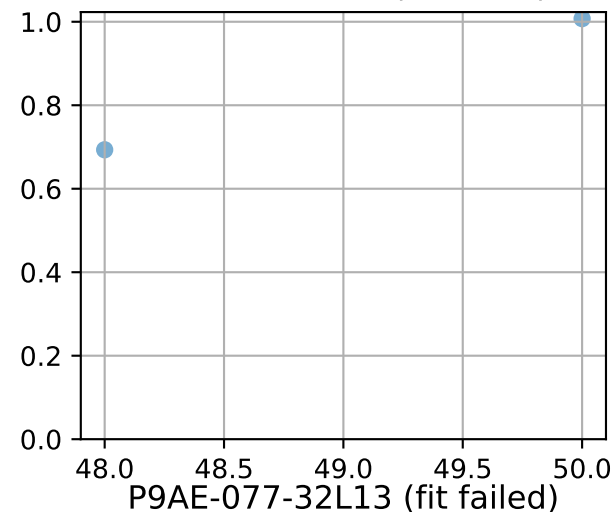
P9AE-065-3L10 (fit failed)



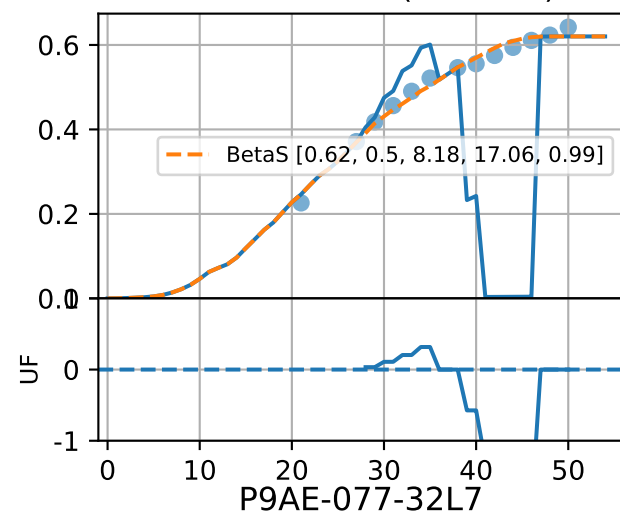
P9AE-065-3L14 (fit failed)



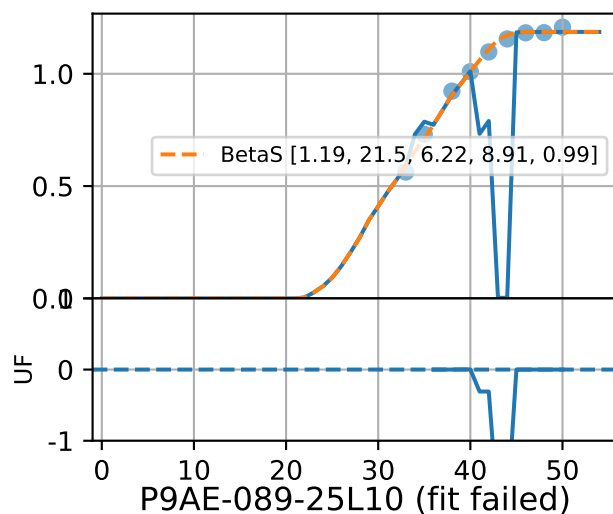
P9AE-065-3L17 (fit failed)



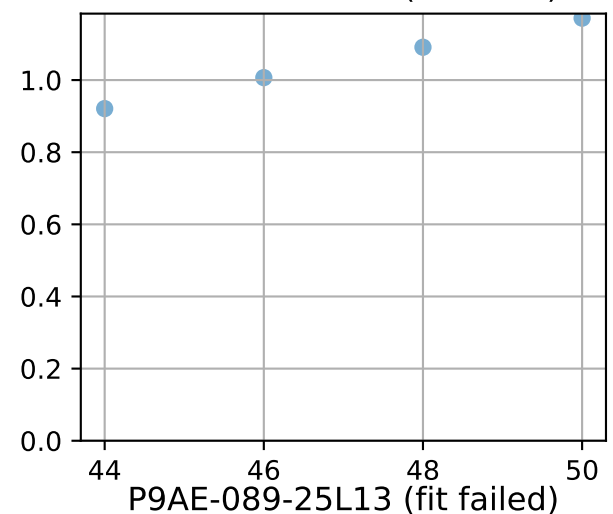
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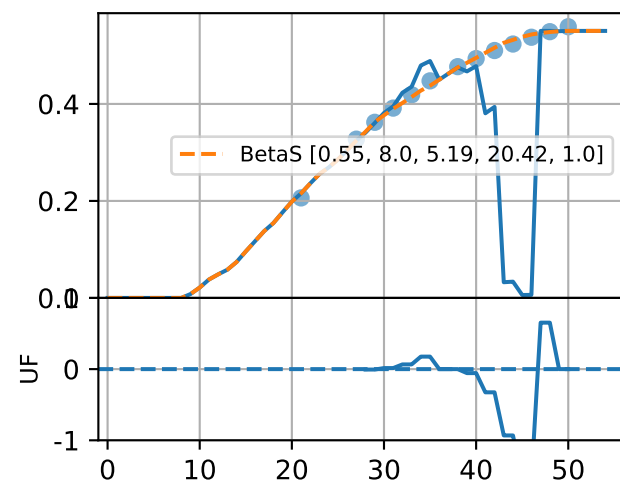
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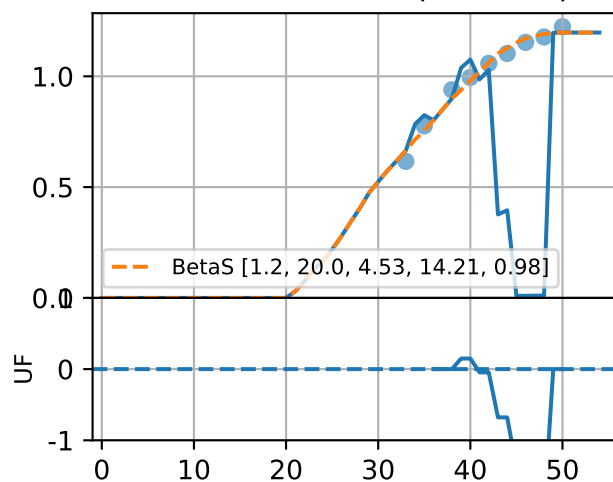
P9AE-077-32L13 (fit failed)



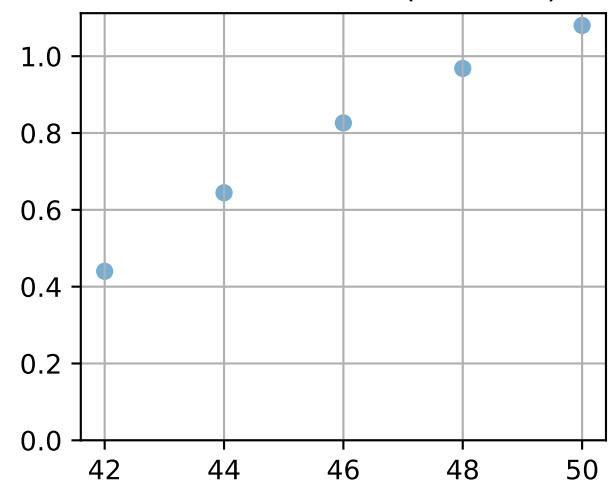
P9AE-077-32L7



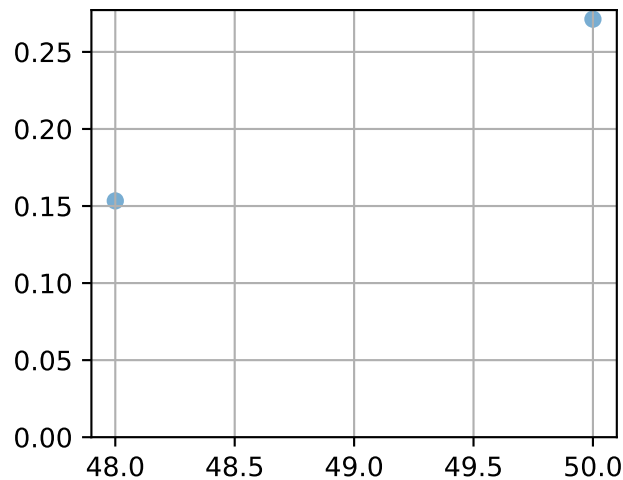
P9AE-089-25L10 (fit failed)



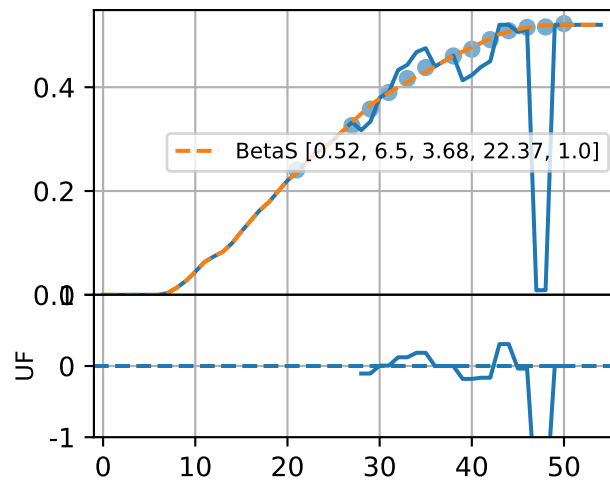
P9AE-089-25L13 (fit failed)



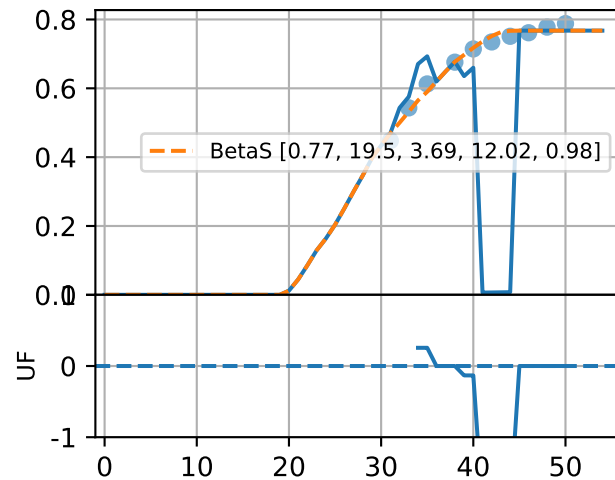
P9AE-089-25L16 (fit failed)



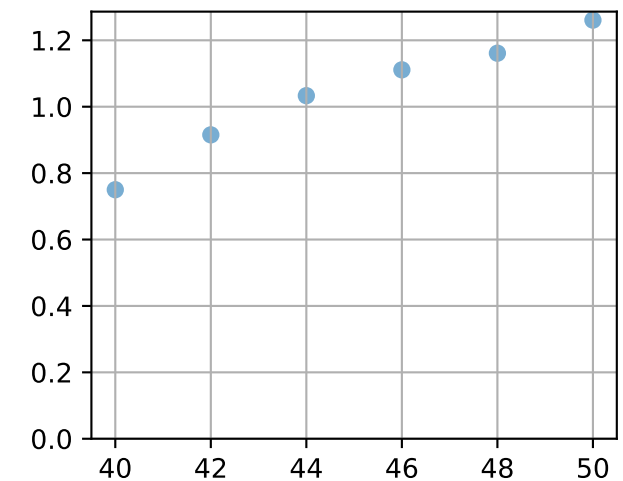
P9AE-089-25L7 (fit failed)



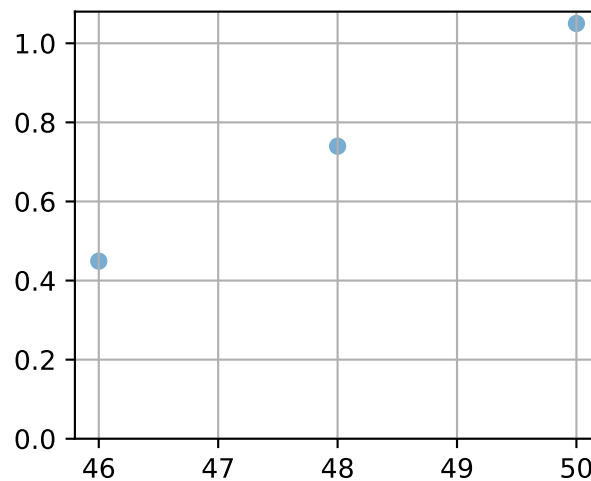
P9AE-100-19L10 (fit failed)



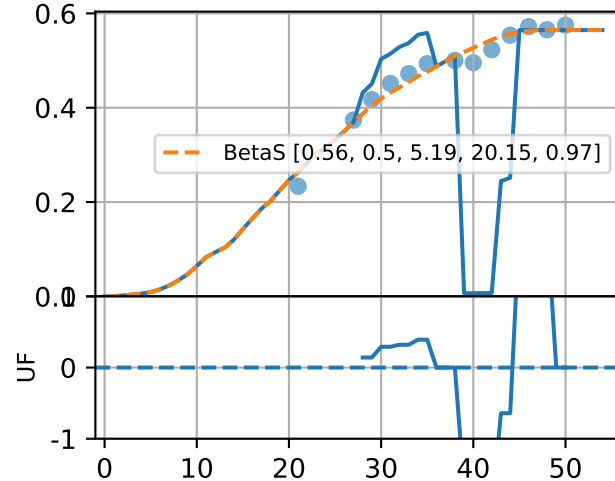
P9AE-100-19L13 (fit failed)



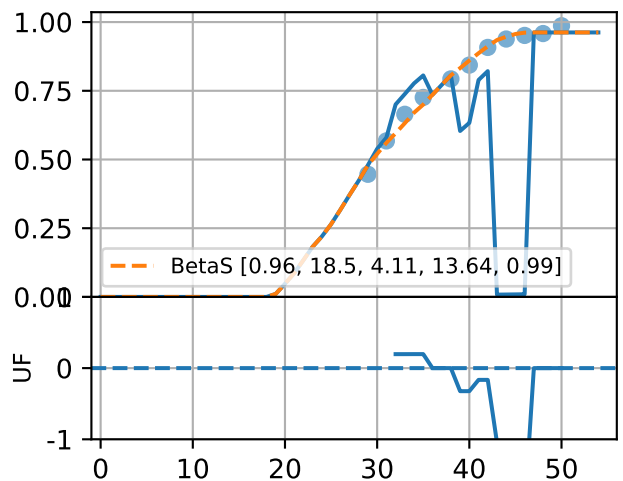
P9AE-100-19L16 (fit failed)



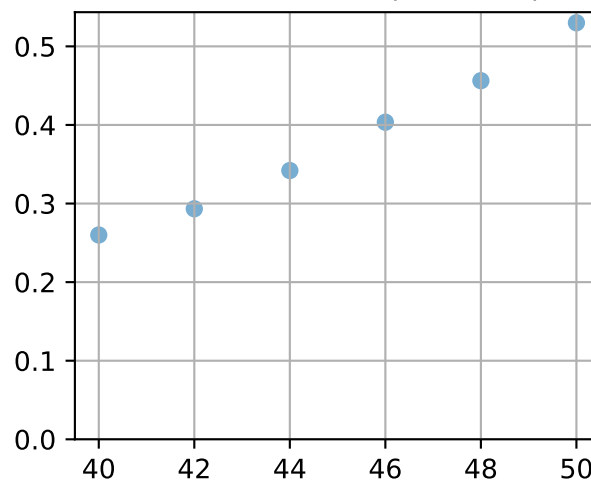
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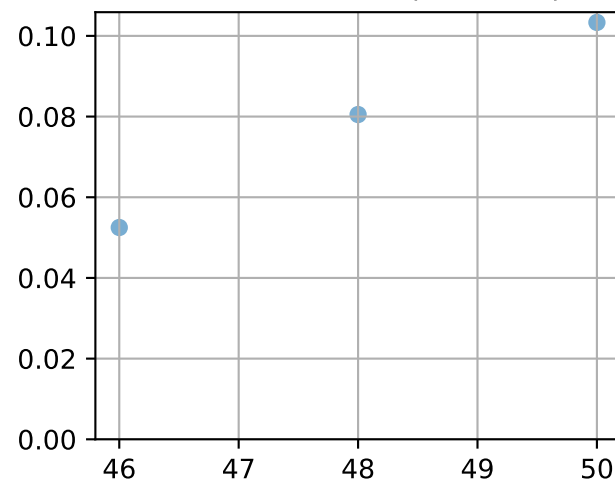
P9AE-111-7L10



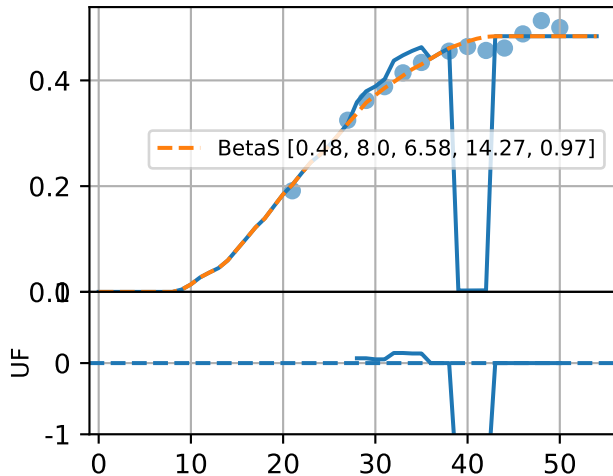
P9AE-111-7L14 (fit failed)

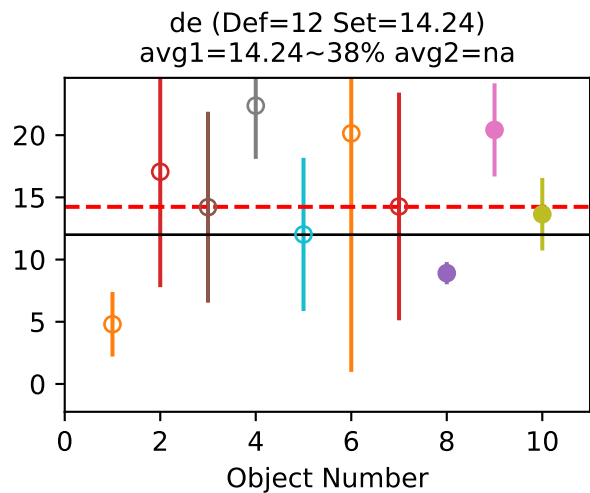
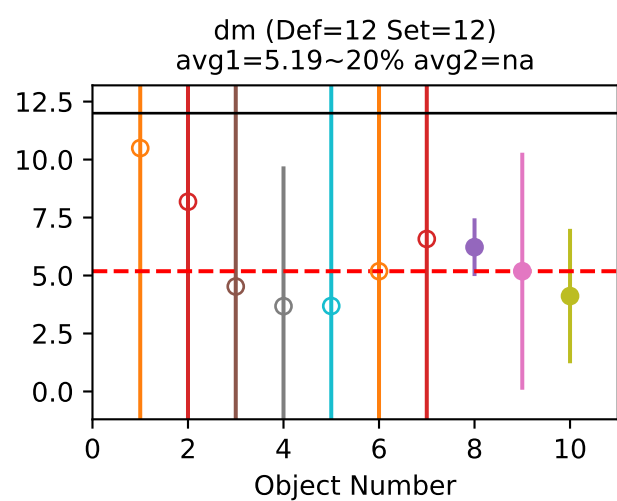
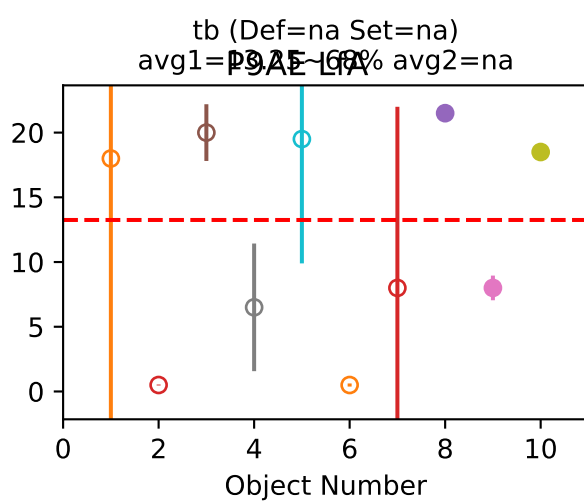
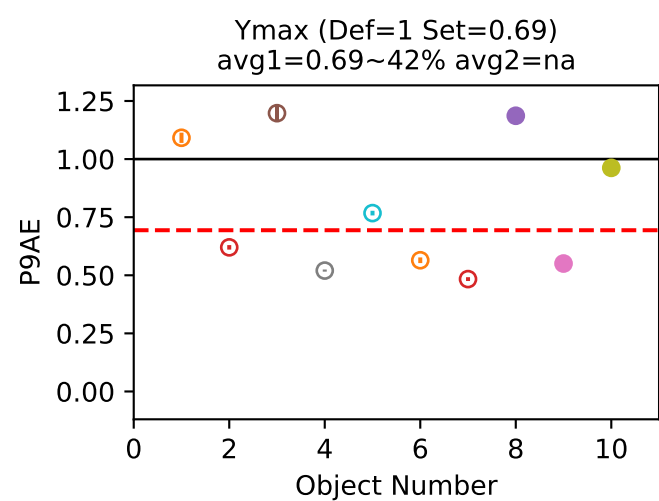


P9AE-111-7L17 (fit failed)



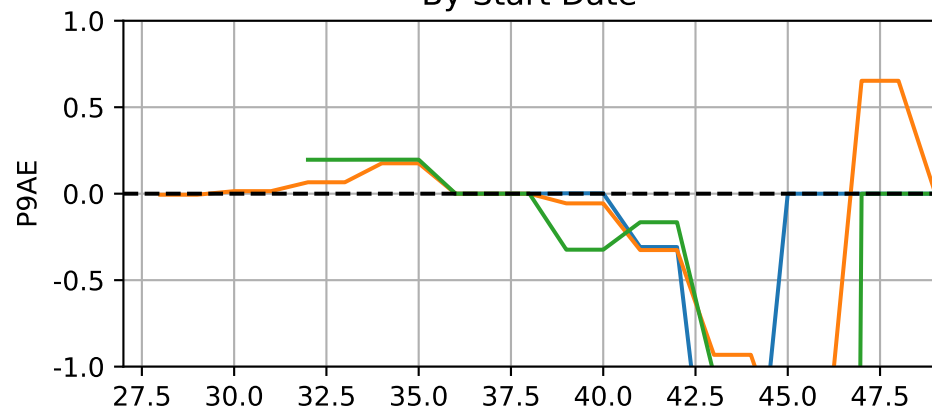
P9AE-111-7L7 (fit failed)



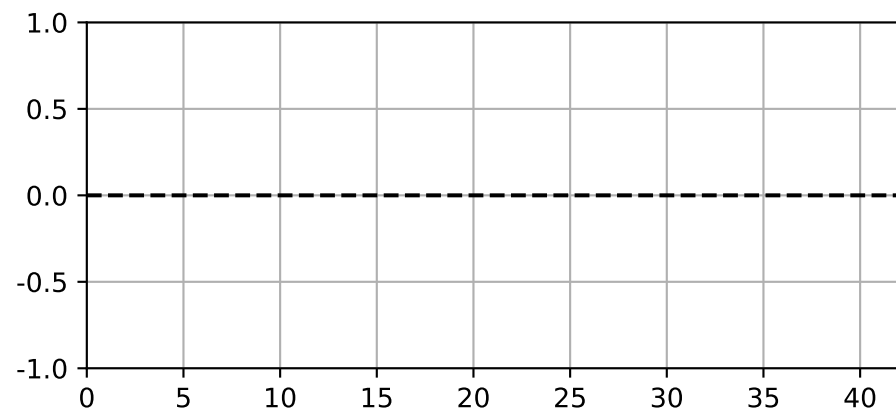
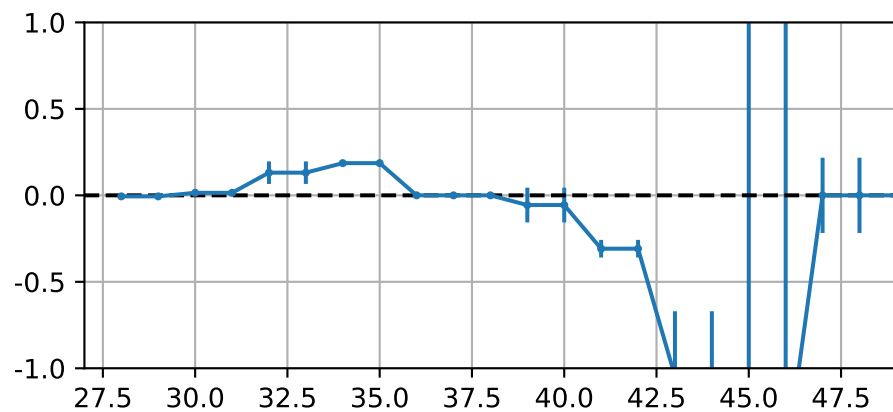
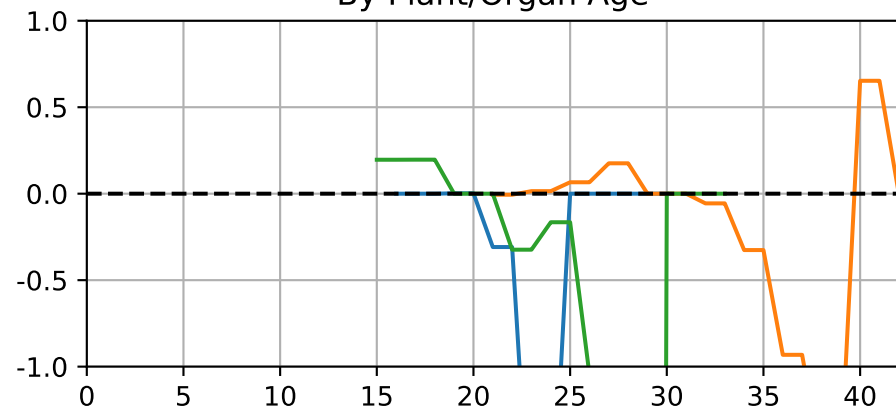


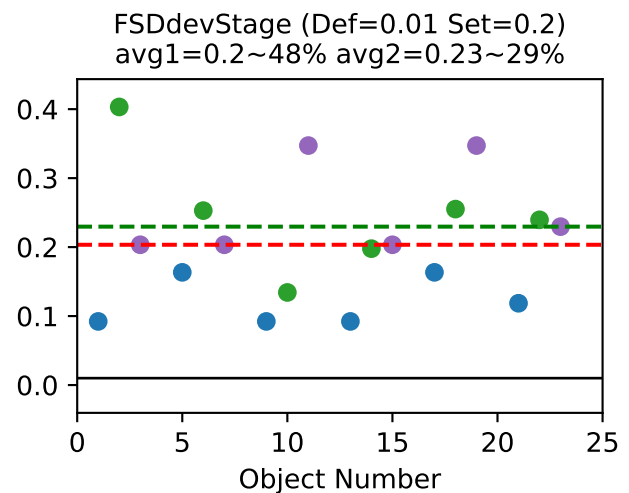
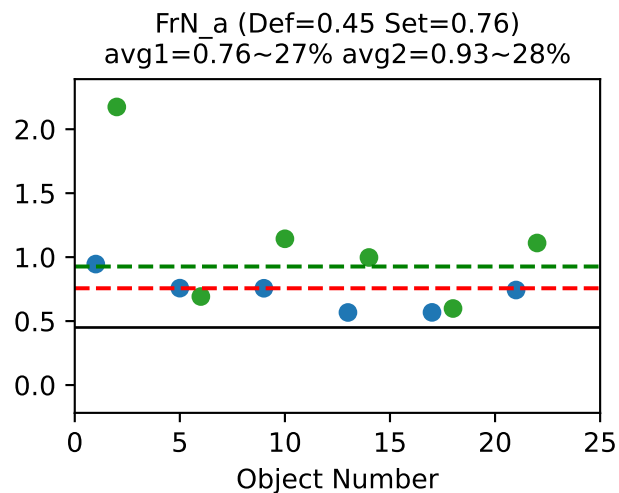
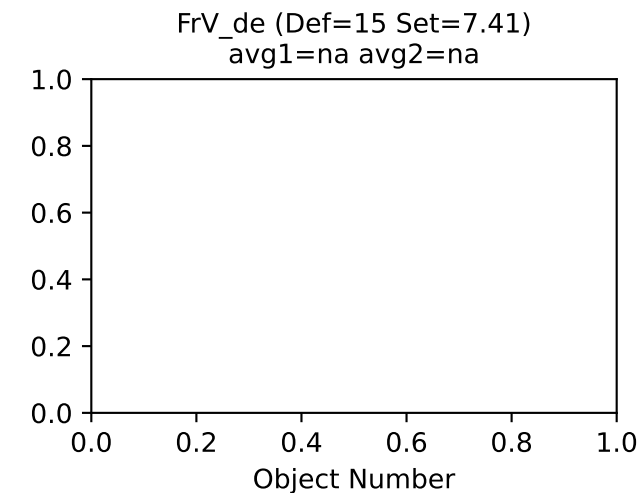
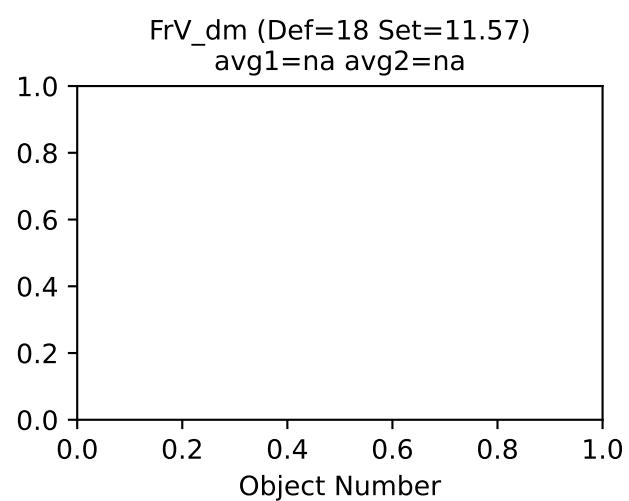
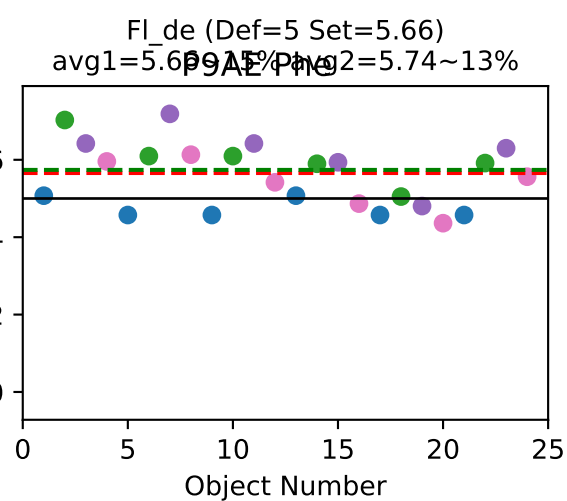
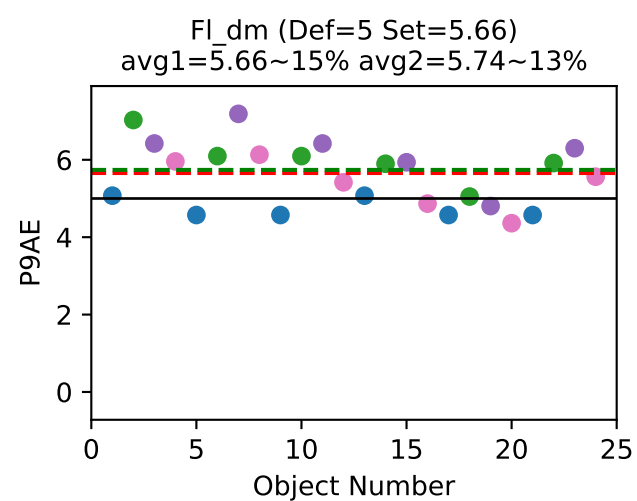
LfA

By Start Date

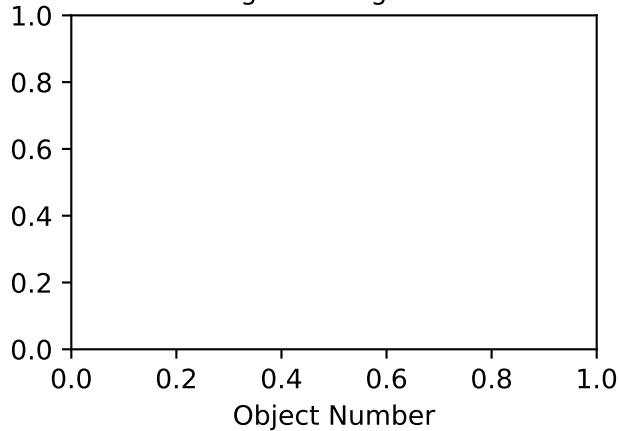


By Plant/Organ Age

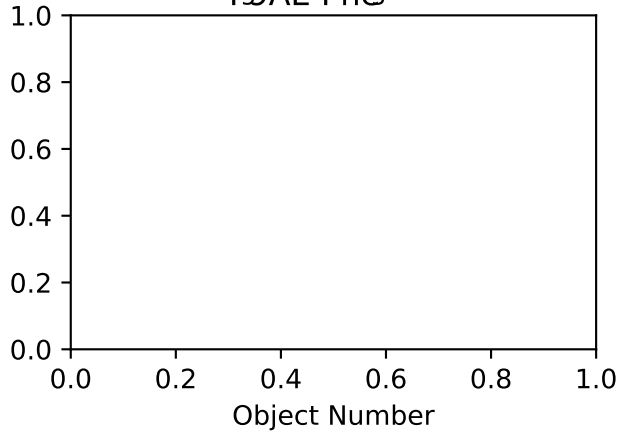




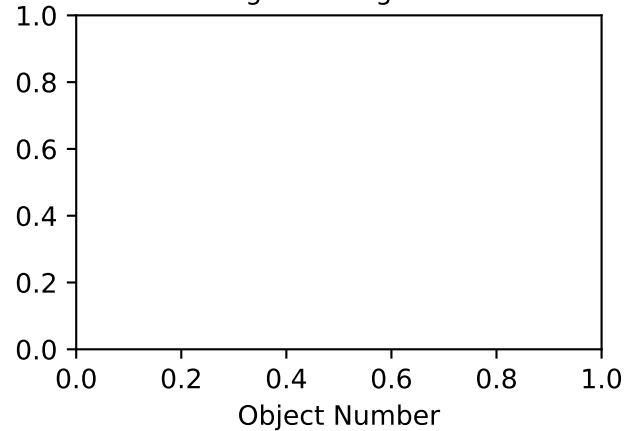
FGDdevStage (Def=0.7 Set=0.7)
avg1=na avg2=na



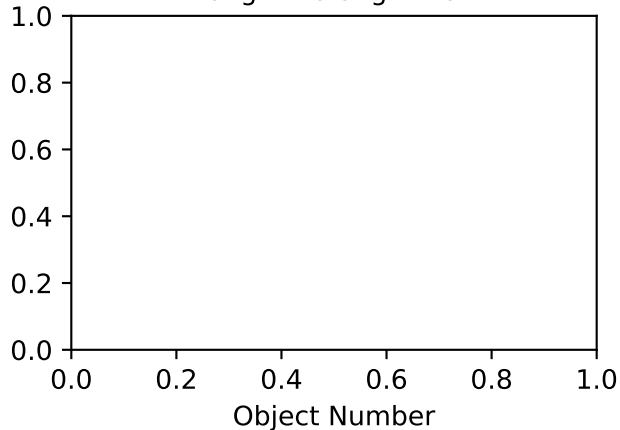
FMBDdevStage (Def=1.3 Set=1.3)
avg1=na avg2=na



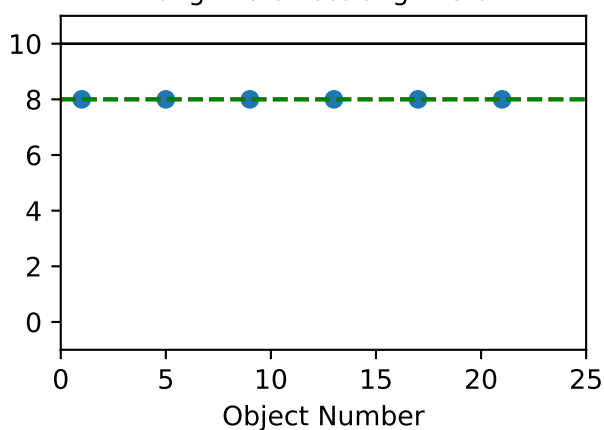
FMEDdevStage (Def=1.8 Set=1.8)
avg1=na avg2=na



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

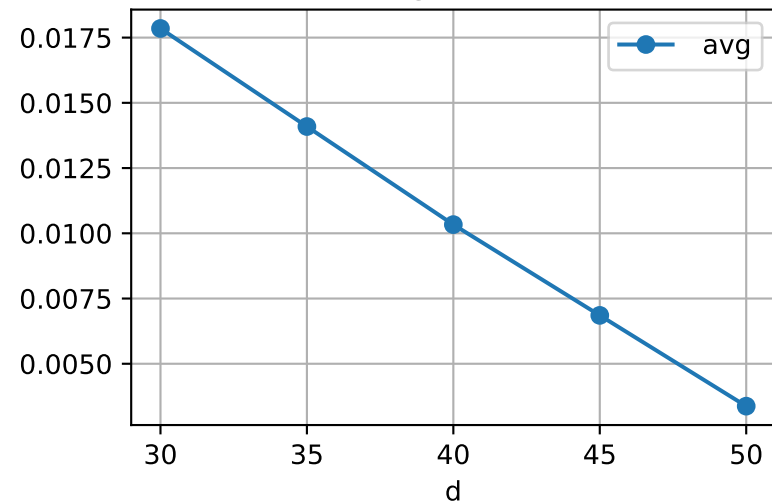


NNgen (Def=10 Set=8)
avg1=8.0~0% avg2=8.0

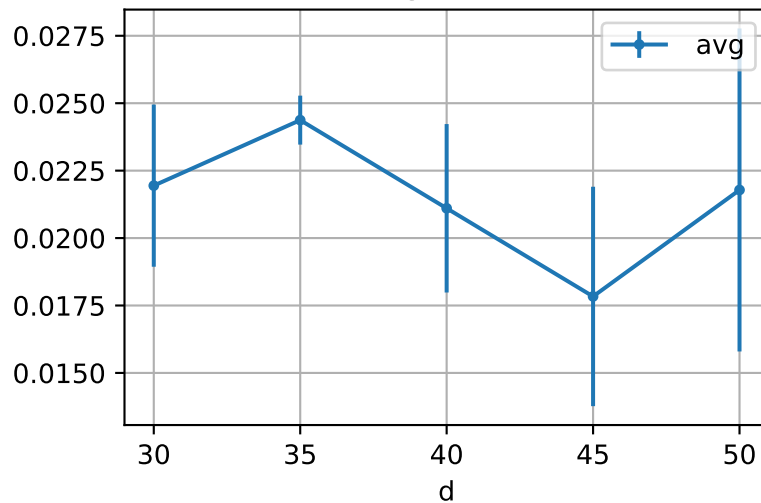


LfA: avg vs. d at each age group

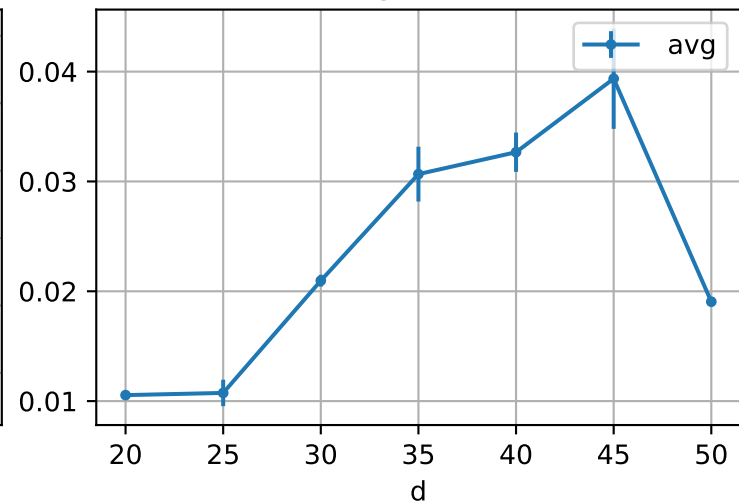
age=15



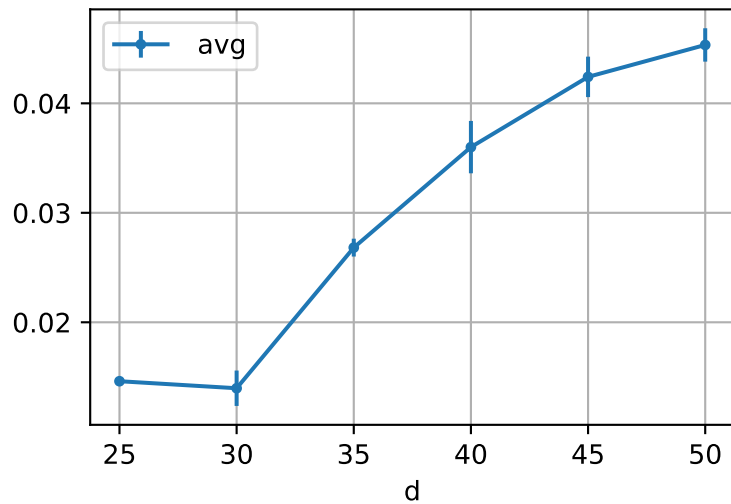
age=20



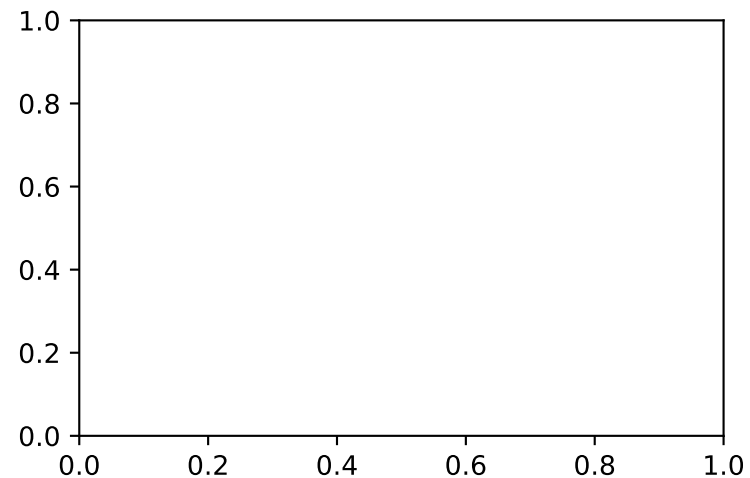
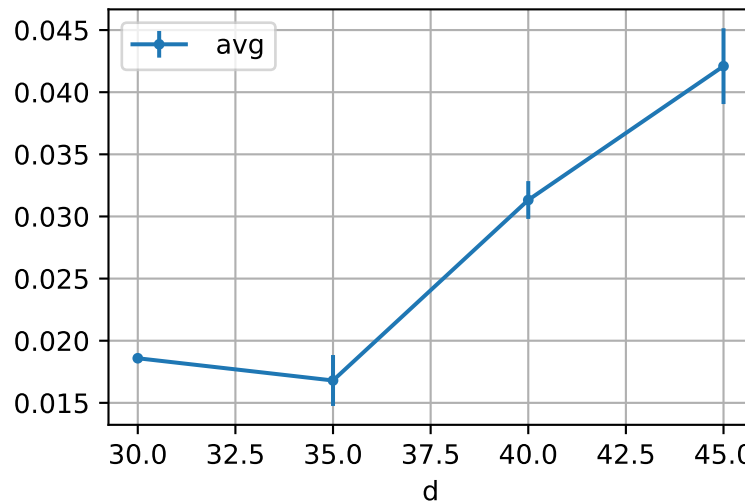
age=25



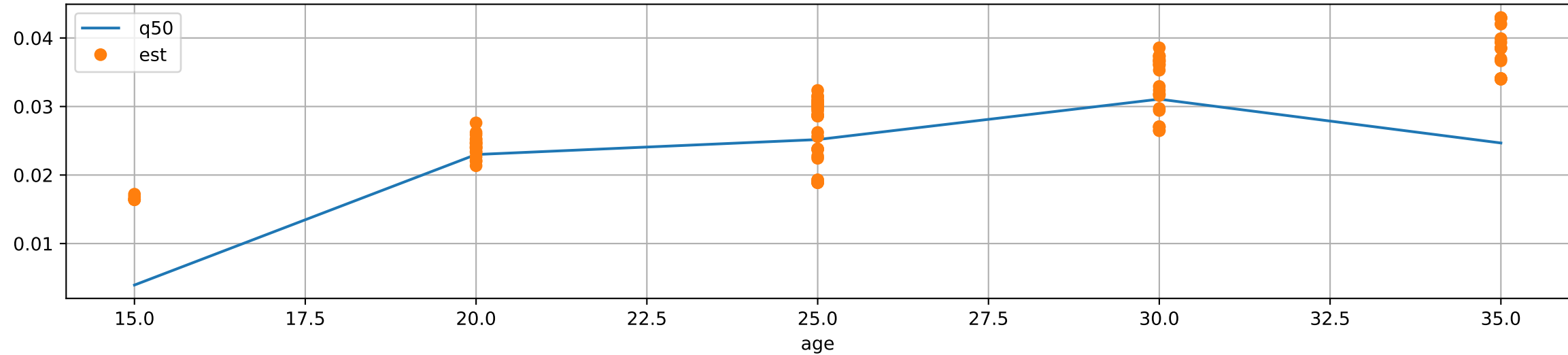
age=30



age=35

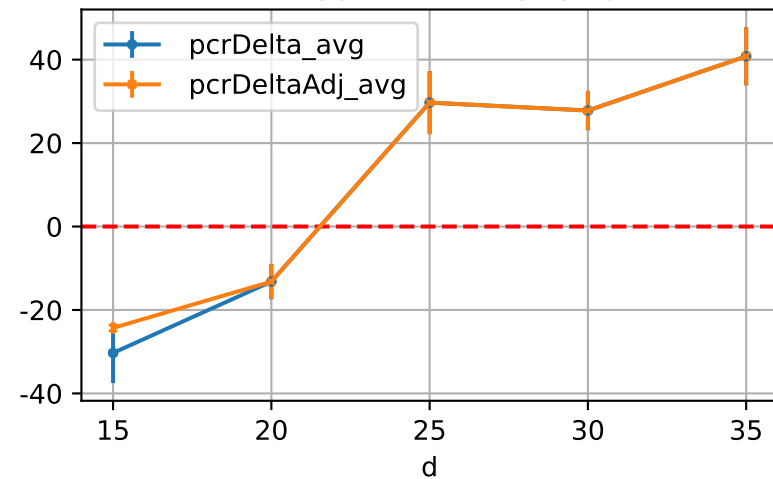


LfA: model est vs obsOv@Q50

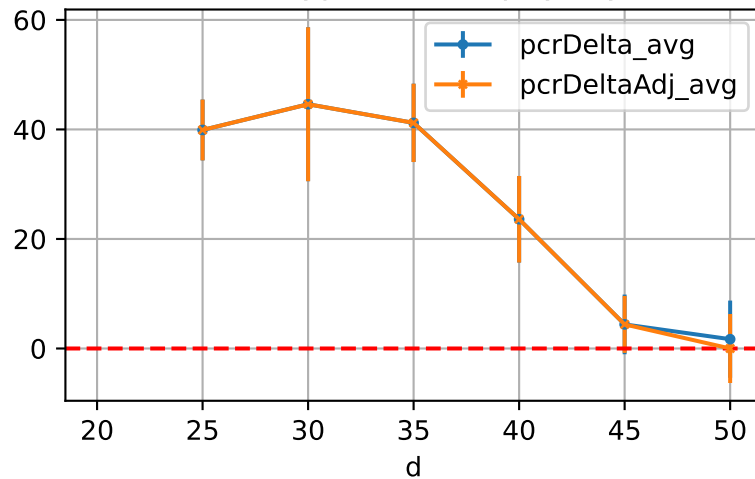


P9AE LfA: D_5d_LfA

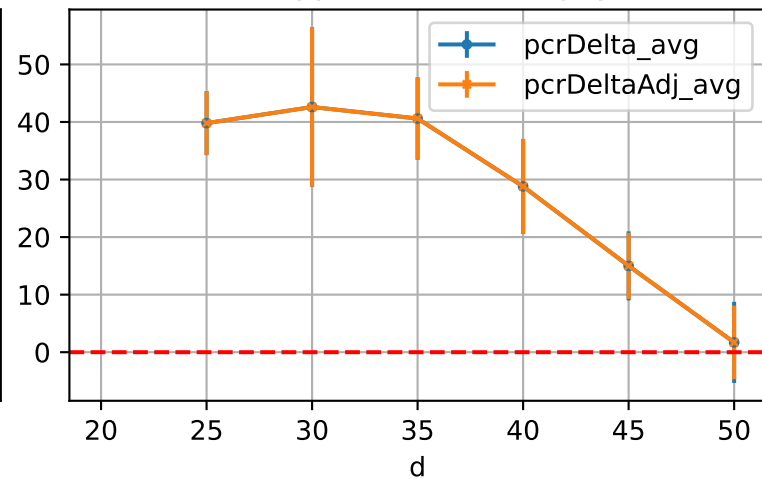
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

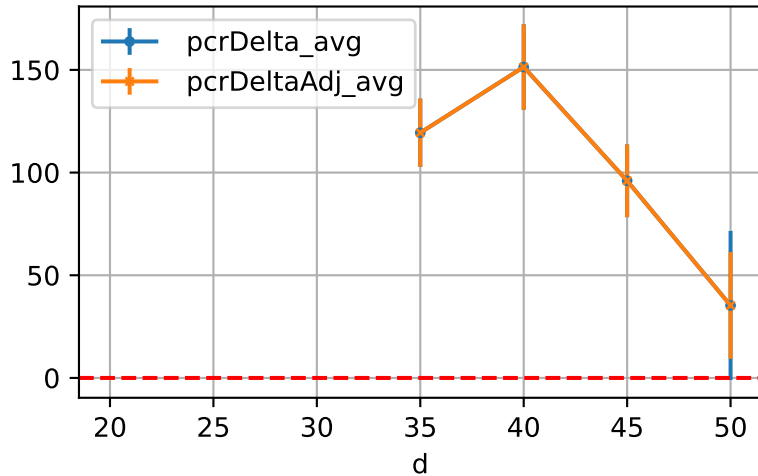


DeltaTypeAbbr=WeiAvgByD

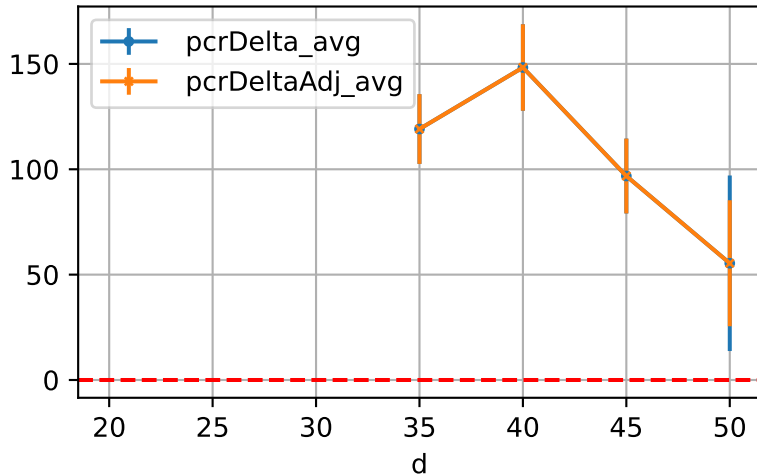


P9AE LfA: D_15d_LfA

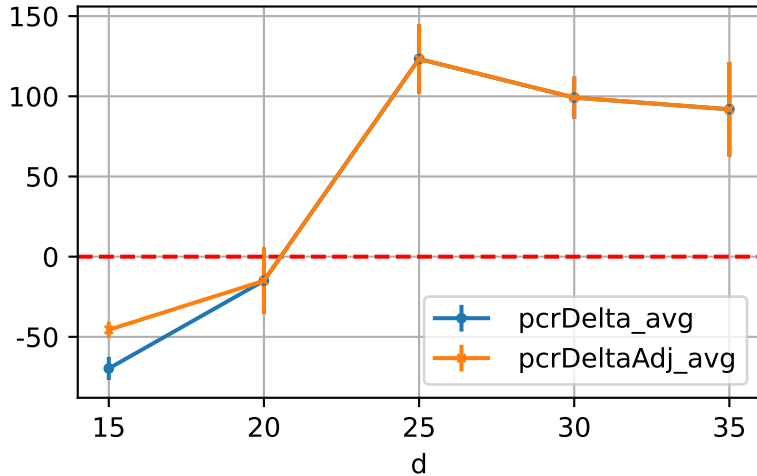
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

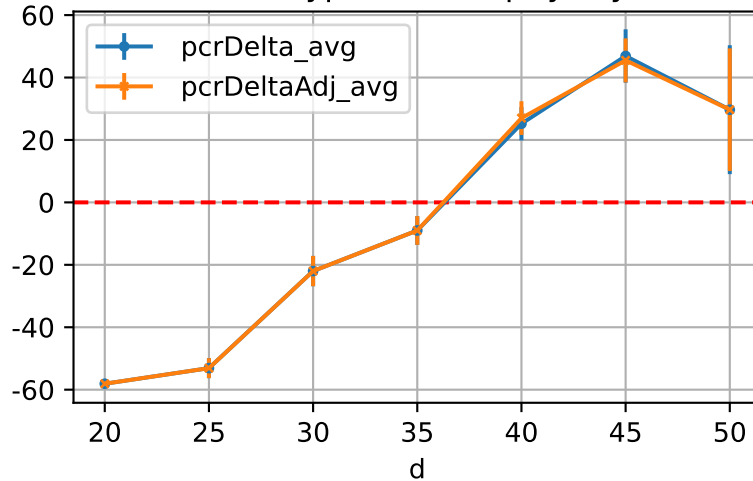
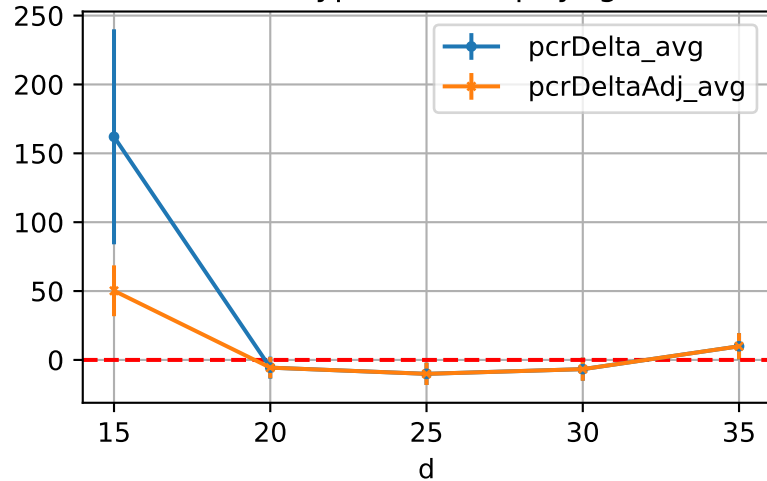


DeltaTypeAbbr=GrpByAge

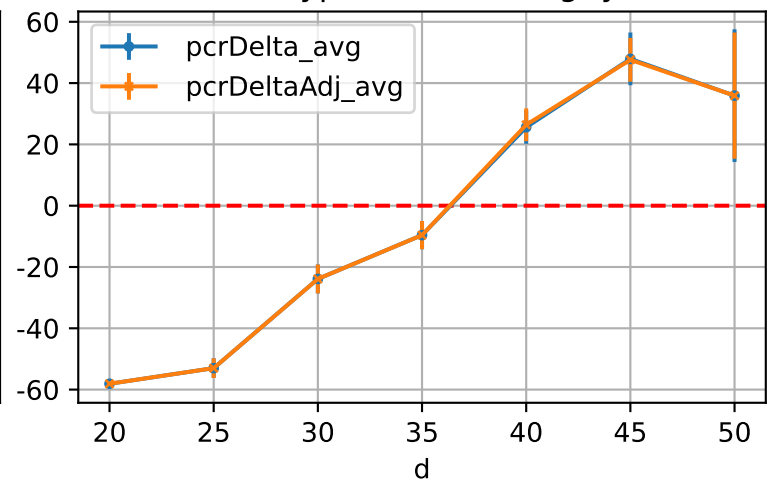


P9AE LfA: D_Q50_LfA

DeltaTypeAbbr=GrpByDay

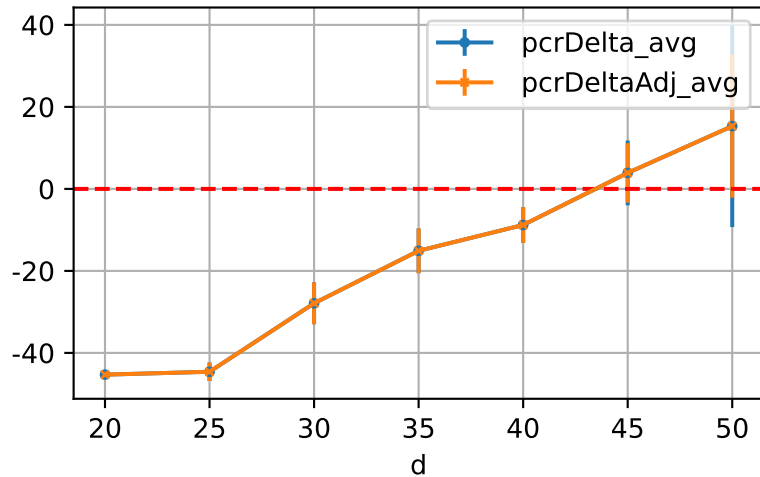
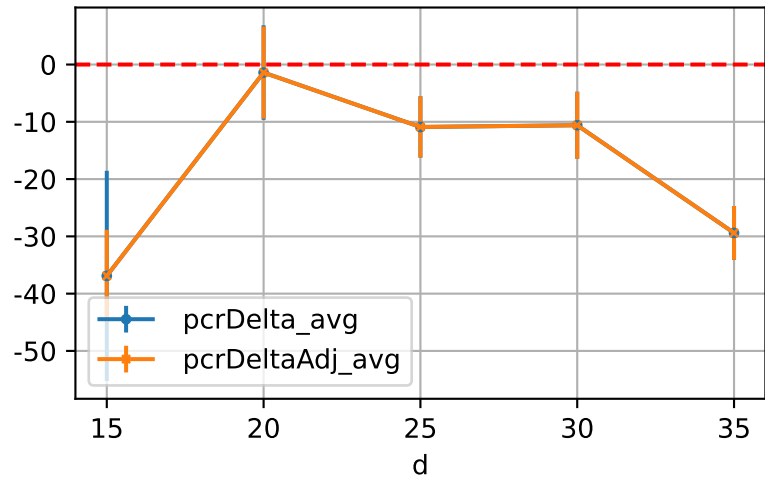


DeltaTypeAbbr=WeiAvgByD

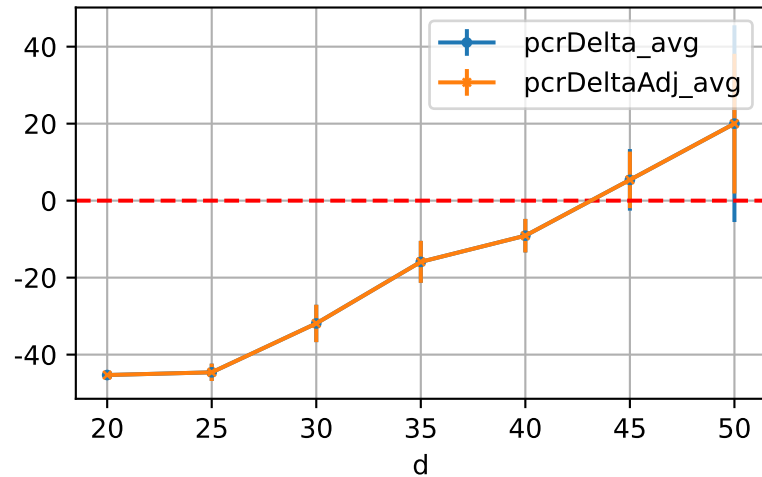


P9AE LfA: D_Est_LfA

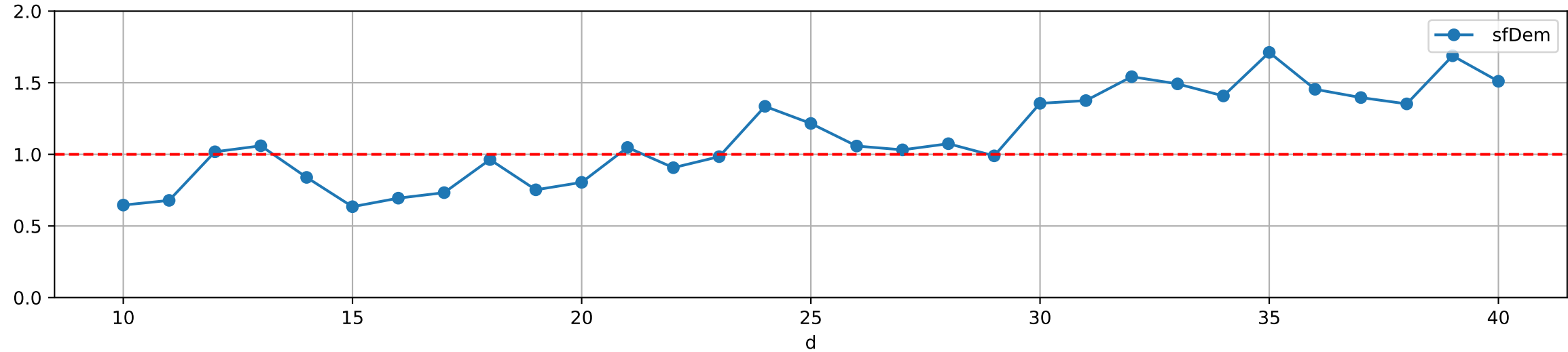
DeltaTypeAbbr=GrpByDay

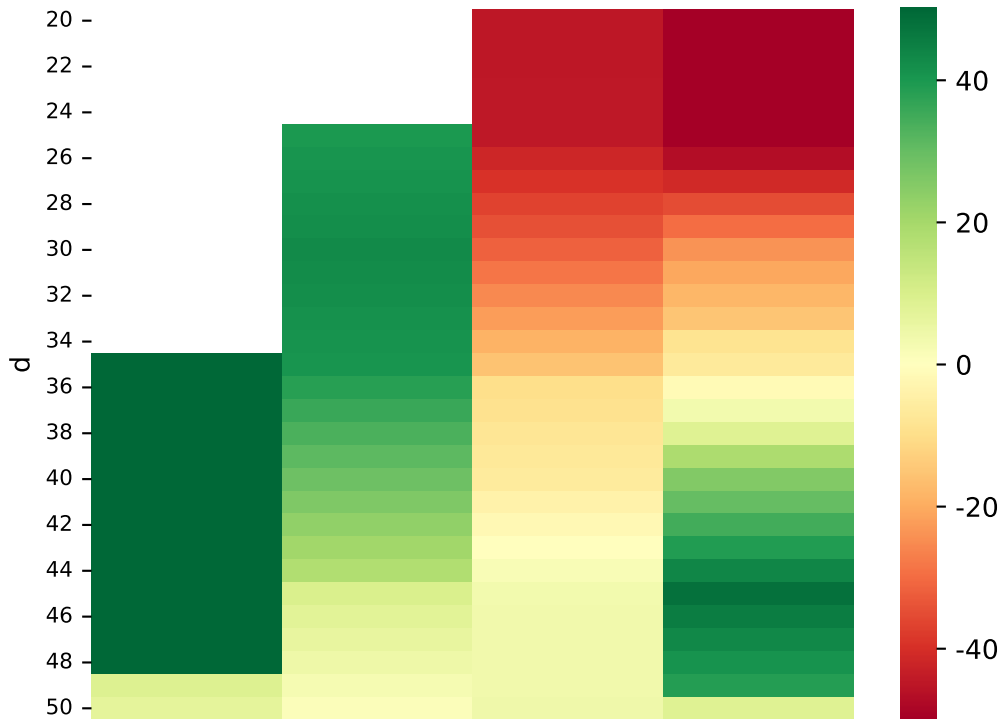


DeltaTypeAbbr=WeiAvgByD



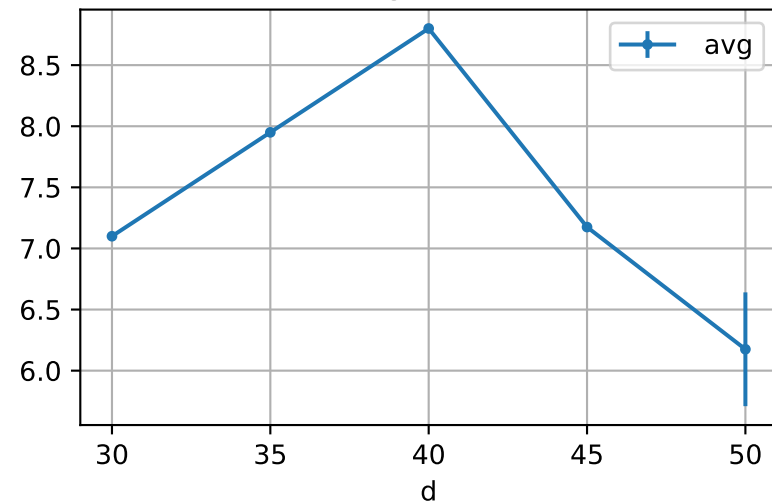
LfA: sfDem



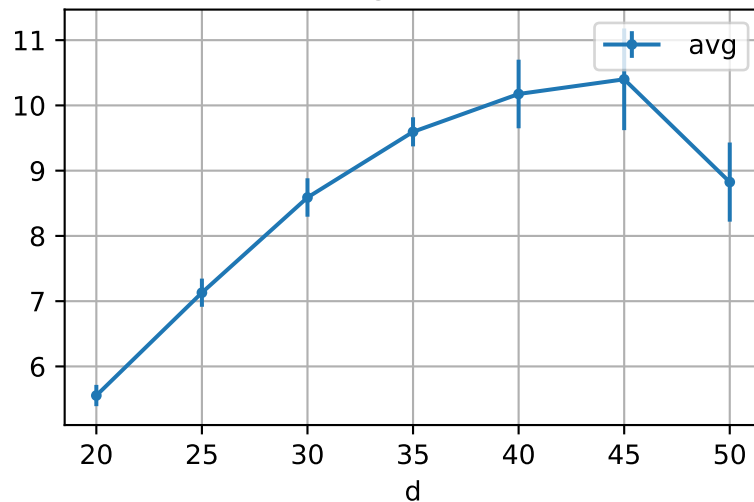


NdD: avg vs. d at each age group

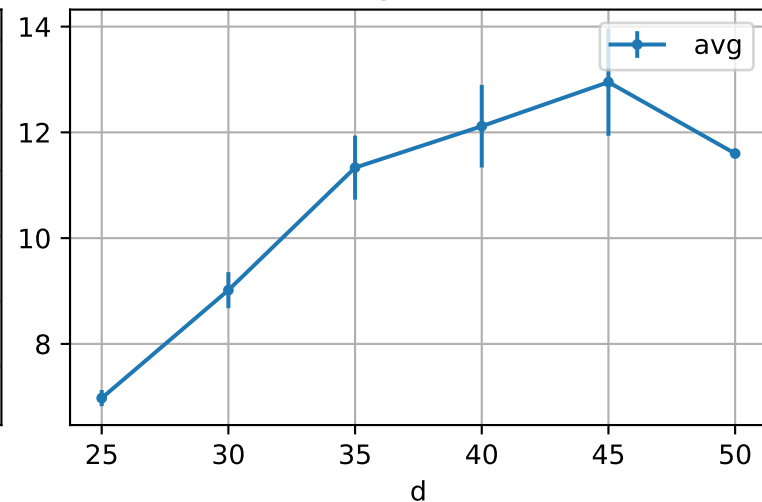
age=15



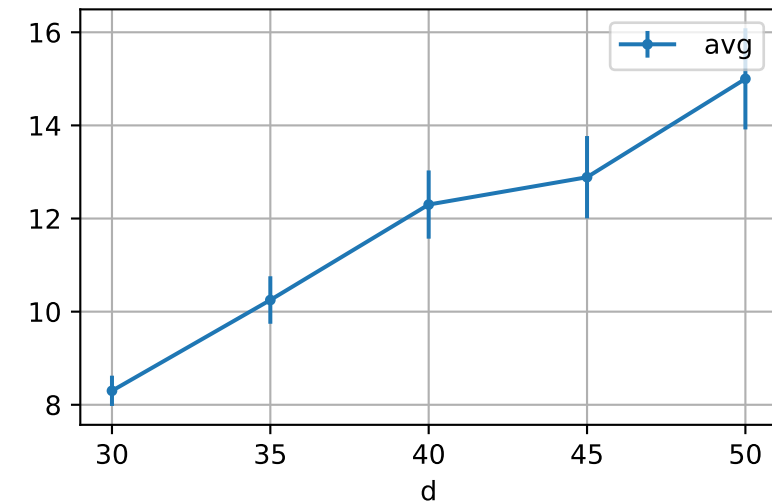
age=20



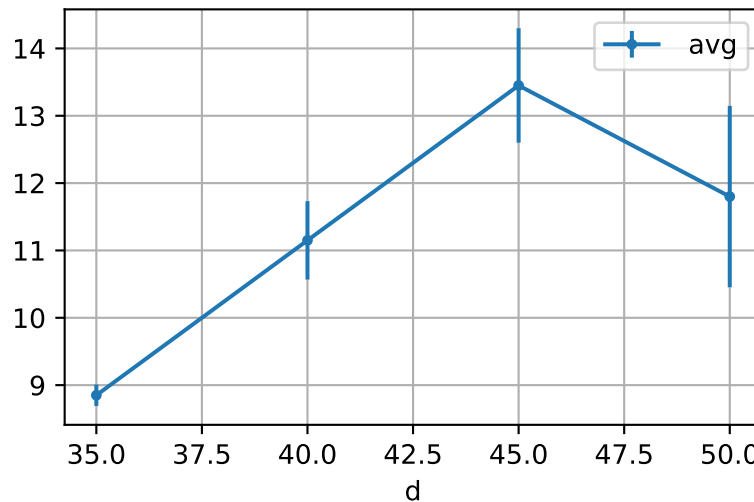
age=25



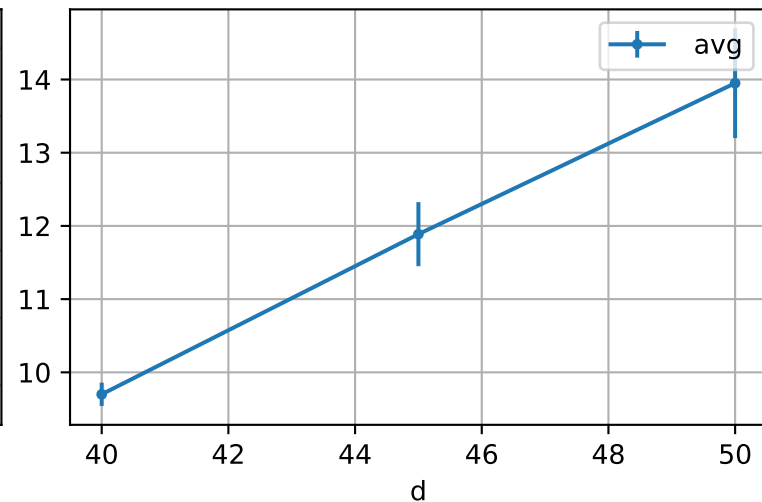
age=30



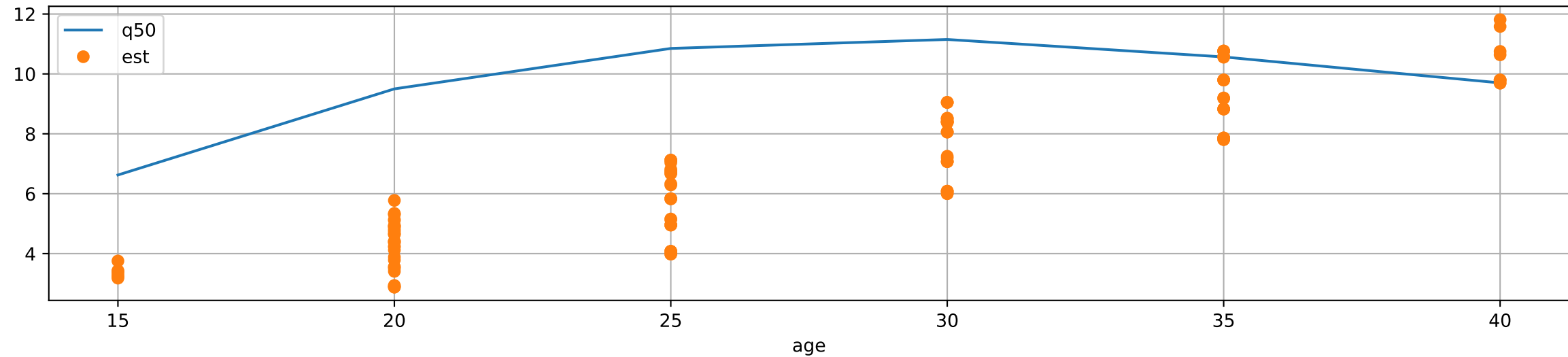
age=35



age=40

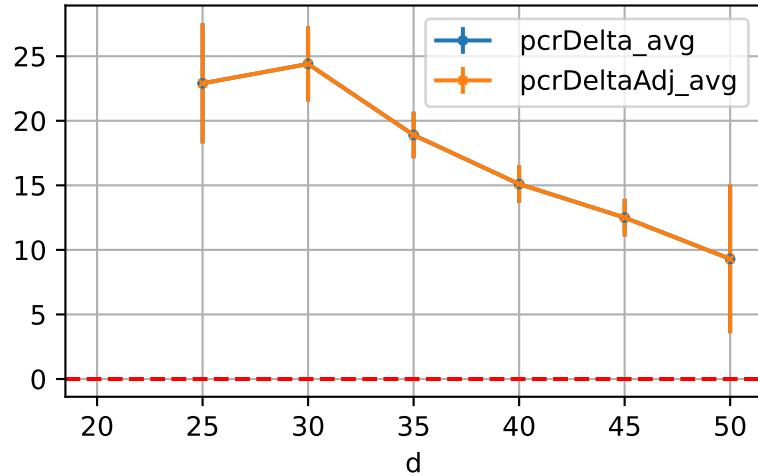


NdD: model est vs obsOv@Q50

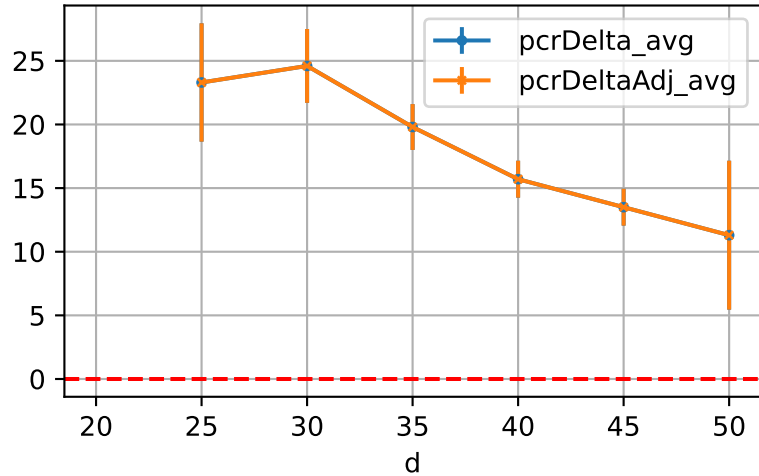


P9AE NdD: D_5d_NdD

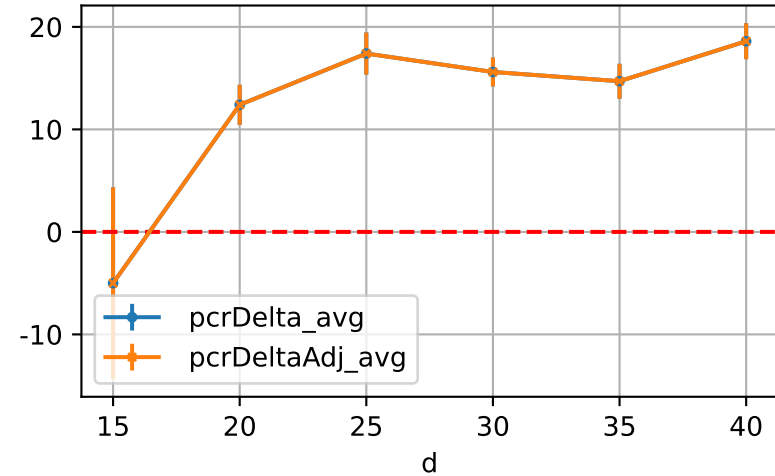
DeltaTypeAbbr=GrpByDay



DeltaTypeAbbr=WeiAvgByD

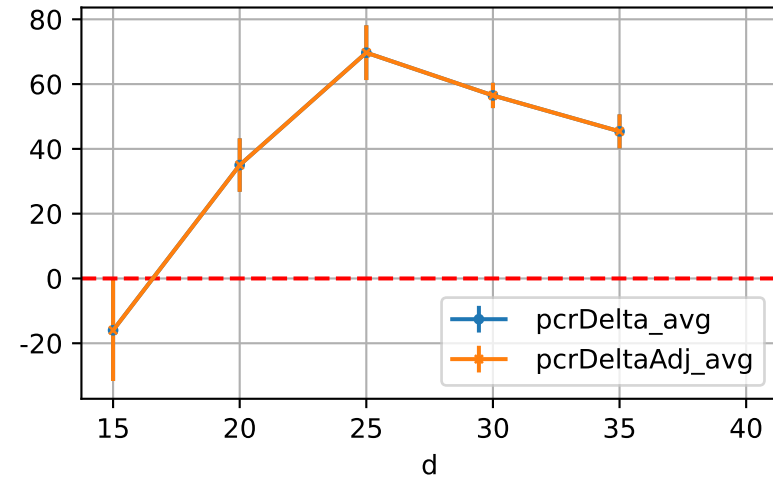


DeltaTypeAbbr=GrpByAge

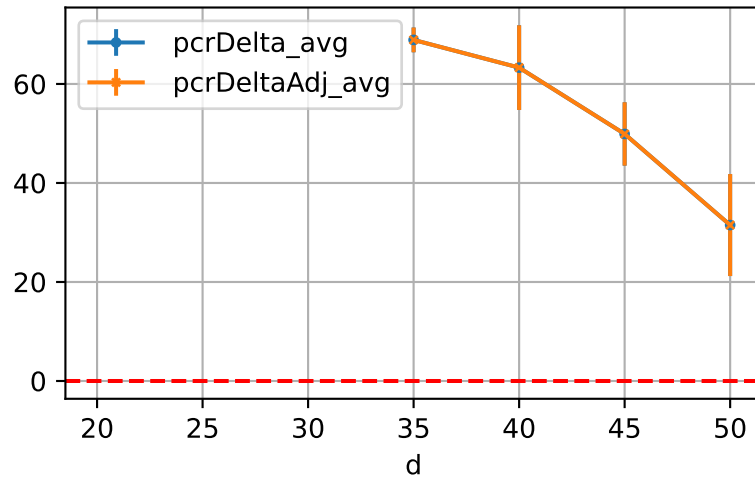


P9AE NdD: D_15d_NdD

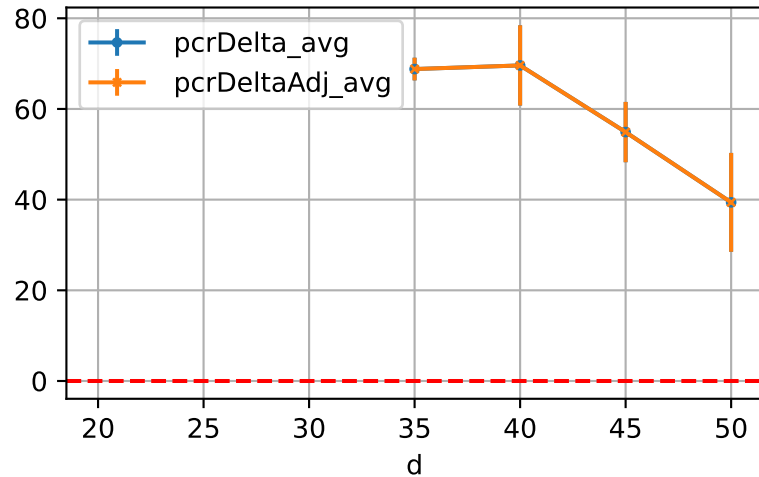
DeltaTypeAbbr=GrpByAge



DeltaTypeAbbr=GrpByDay

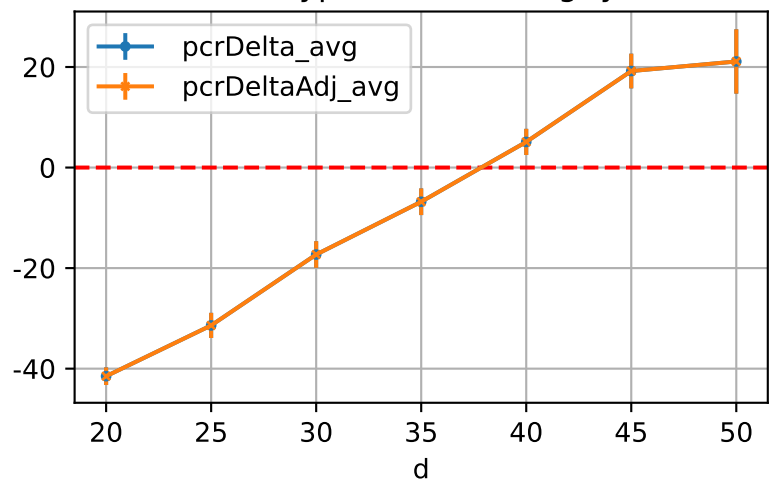
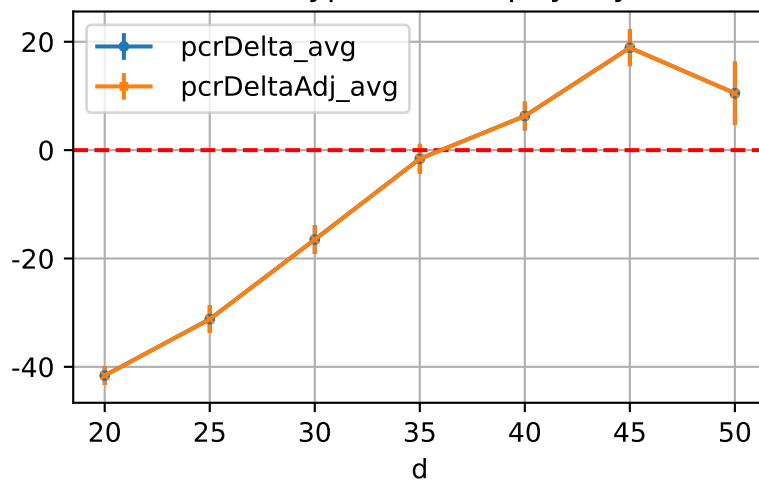
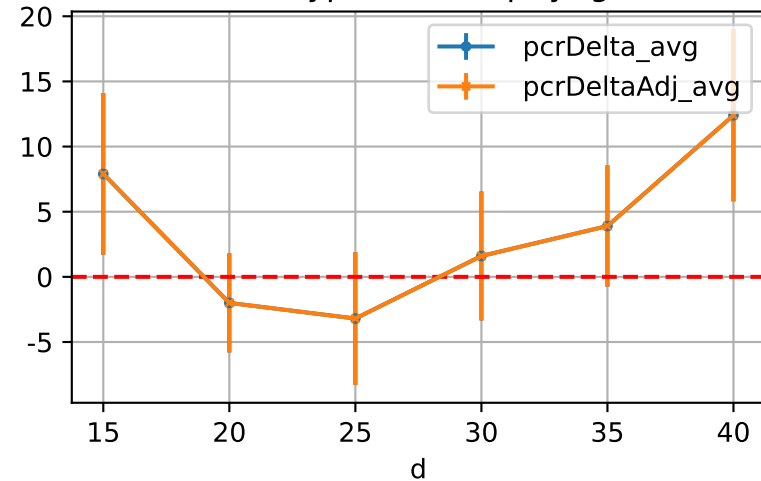


DeltaTypeAbbr=WeiAvgByD



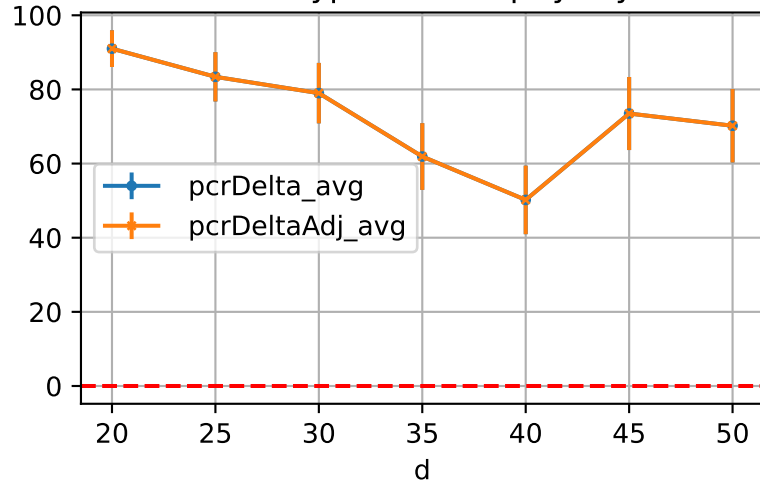
P9AE NdD: D_Q50_NdD

DeltaTypeAbbr=GrpByDay

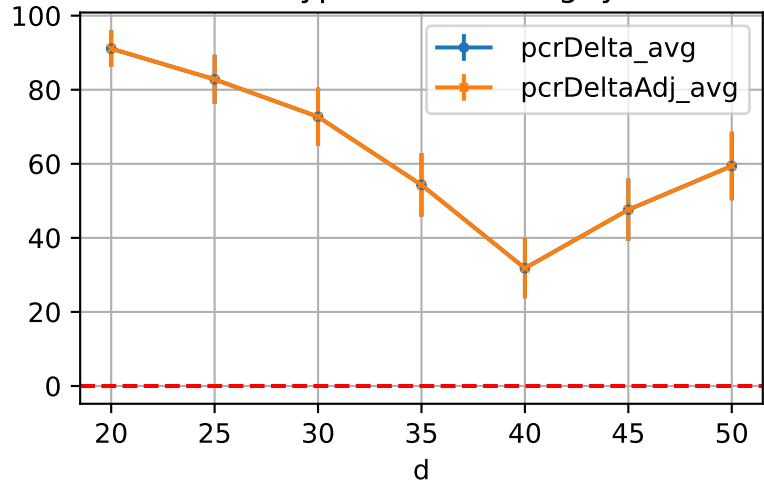


P9AE NdD: D_Est_NdD

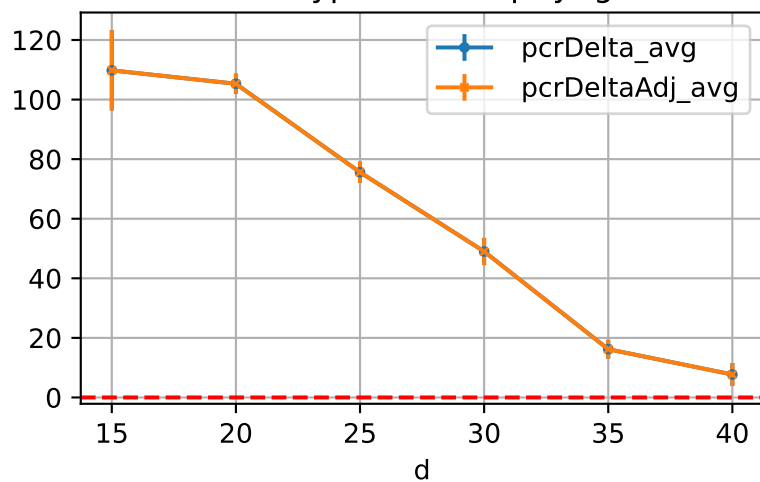
DeltaTypeAbbr=GrpByDay



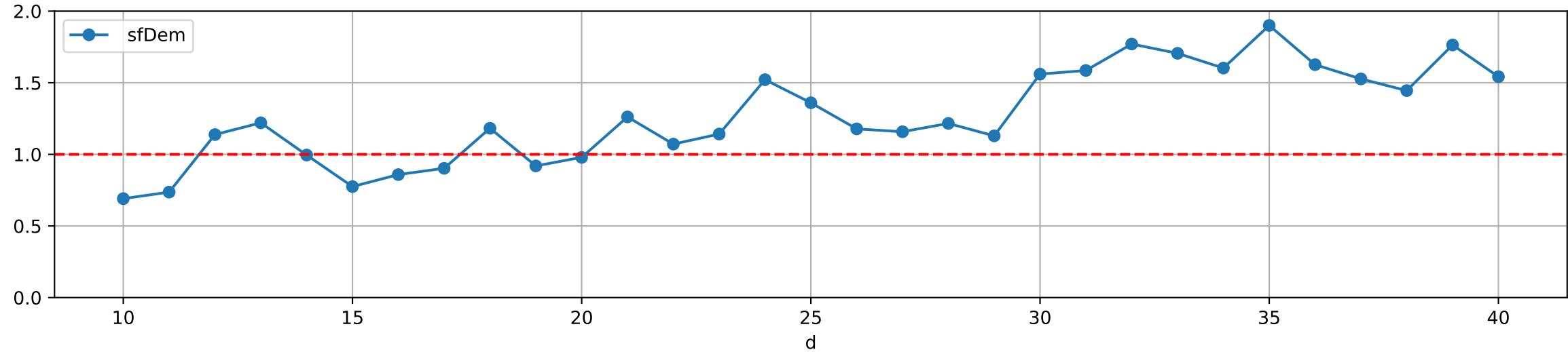
DeltaTypeAbbr=WeiAvgByD



DeltaTypeAbbr=GrpByAge

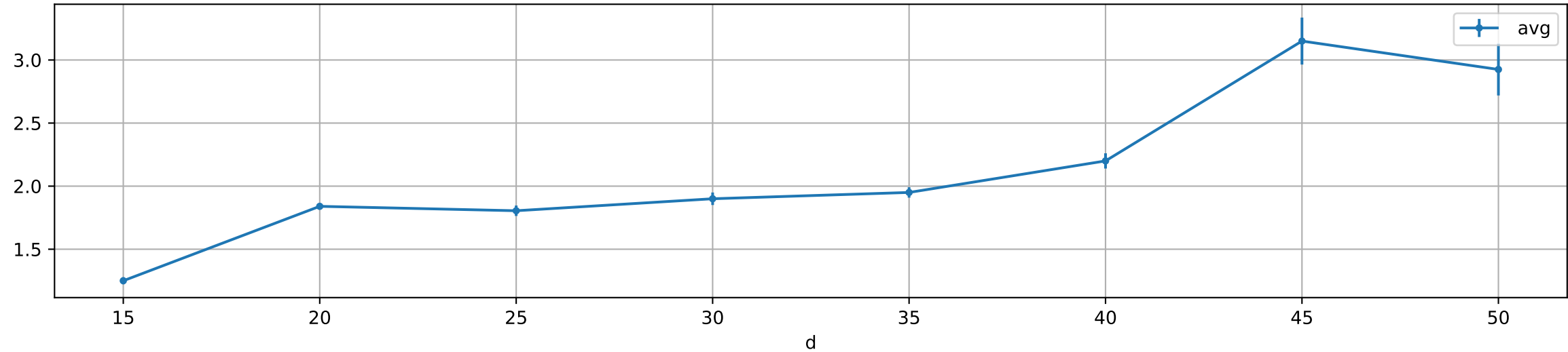


NdD: sfDem

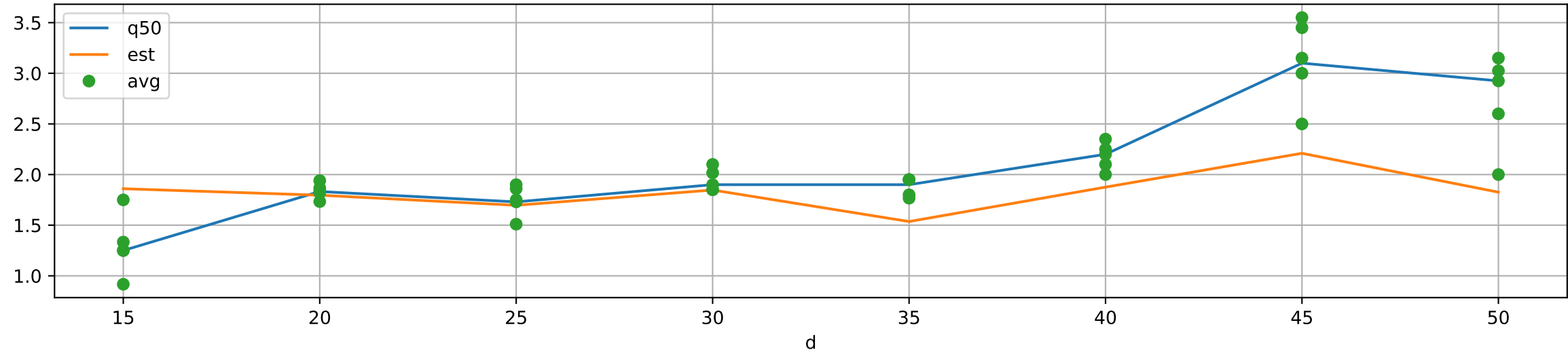




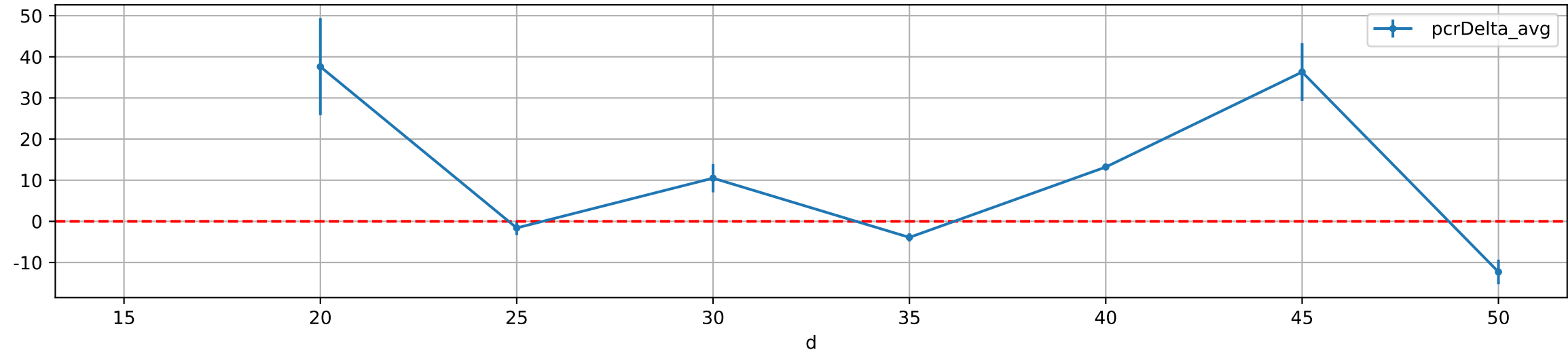
dStH: avg vs. d



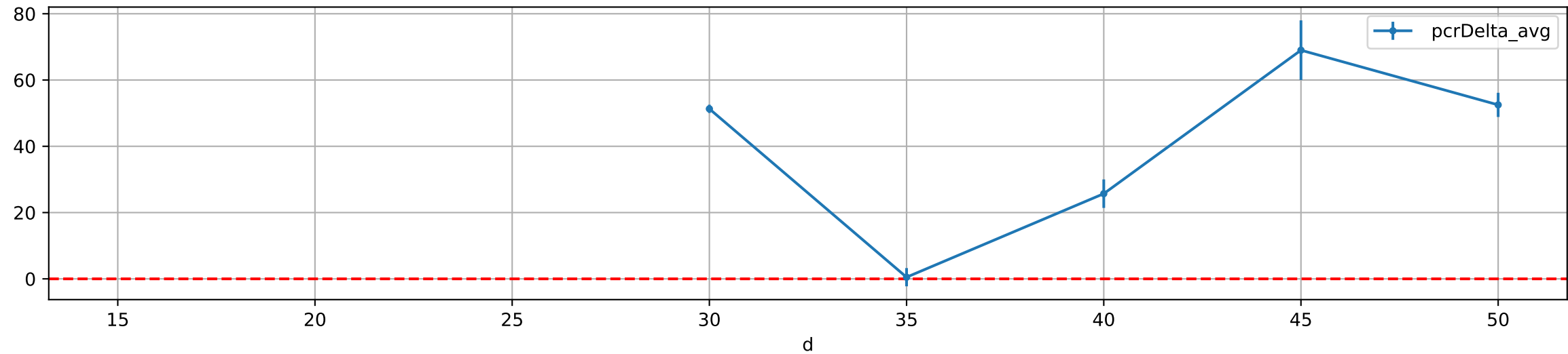
dStH: obsAvg vs obsOv@Q50



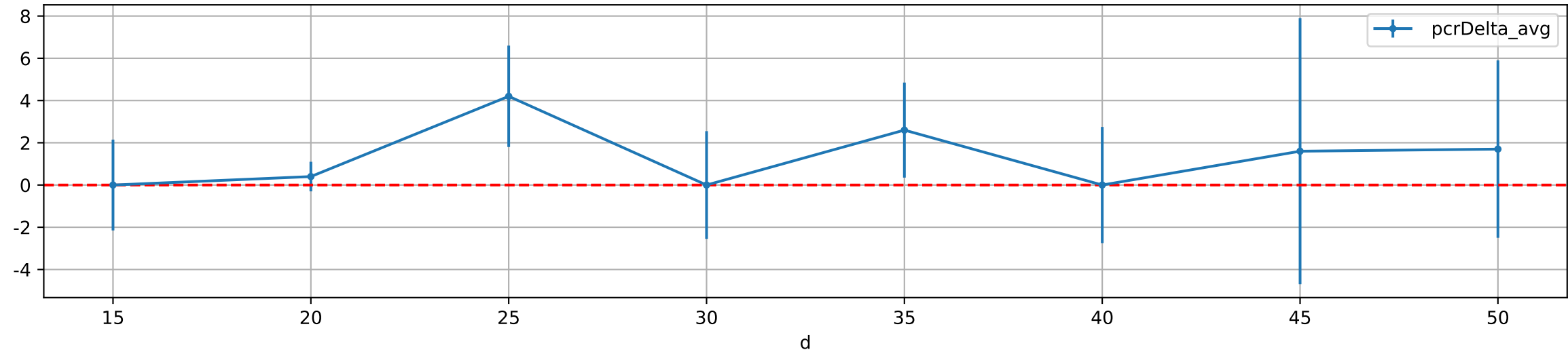
dStH: D_5d_StH



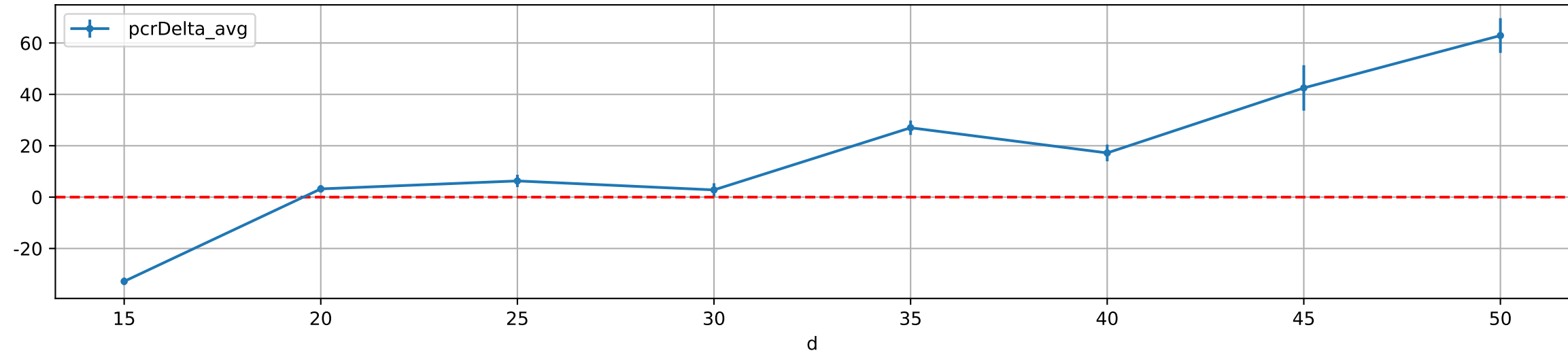
dStH: D_15d_StH



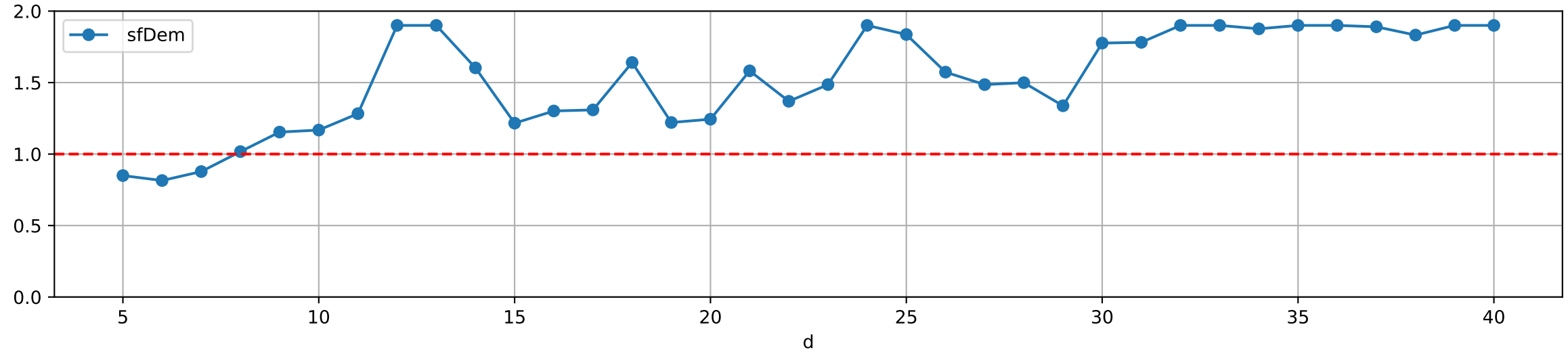
dStH: D_Q50_StH

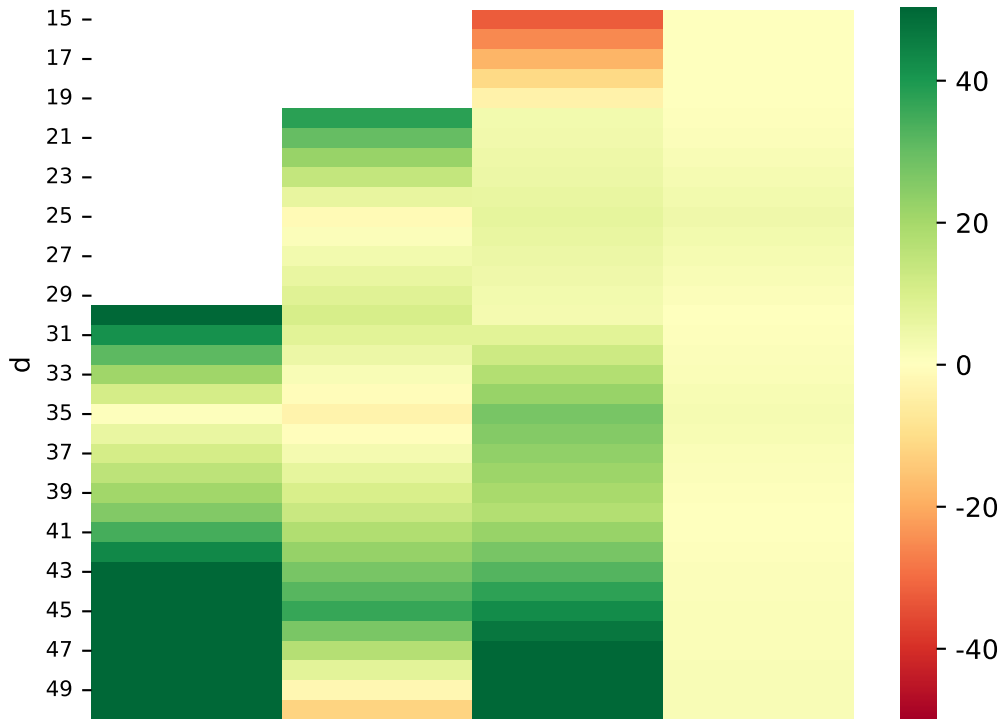


dStH: D_Est_StH



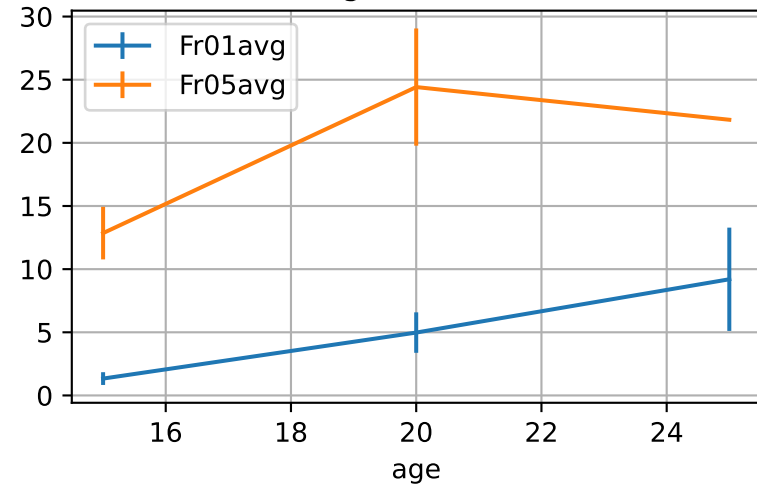
dStH: sfDem



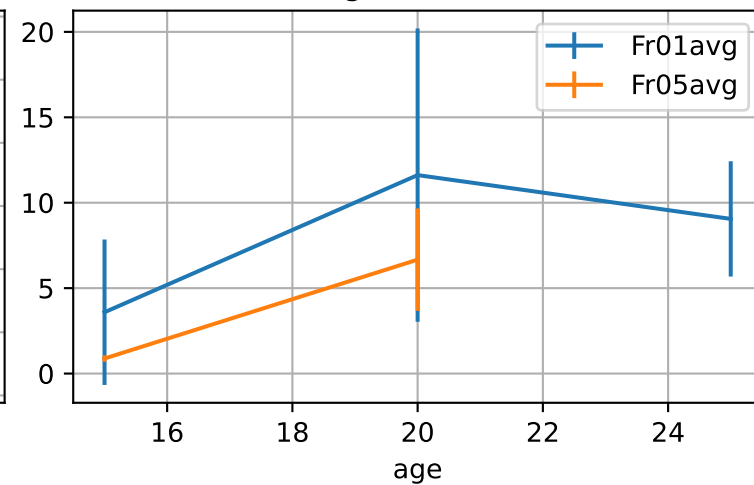


FrV: Fr01 vs Fr05 at each truss

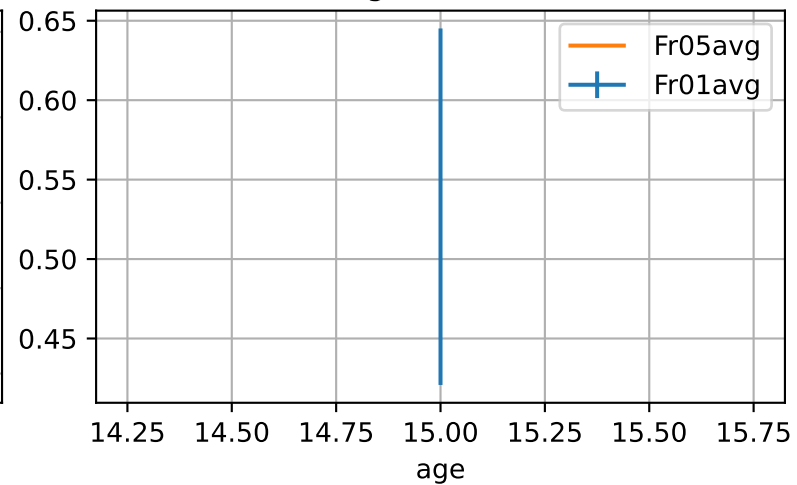
organID=T01



organID=T02

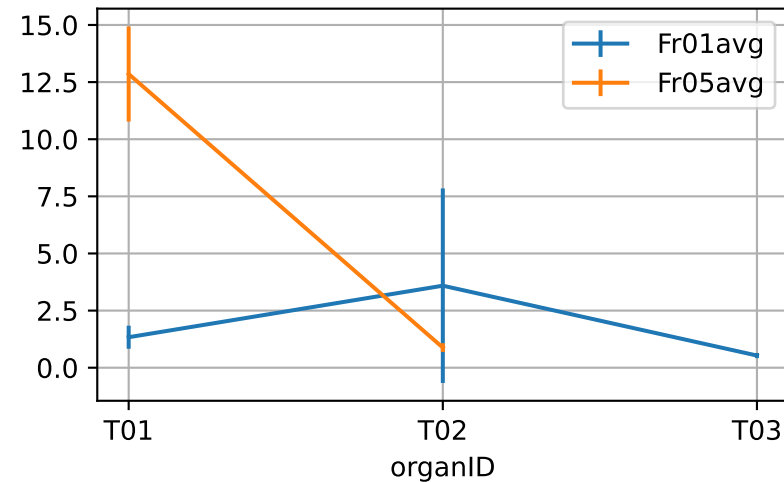


organID=T03

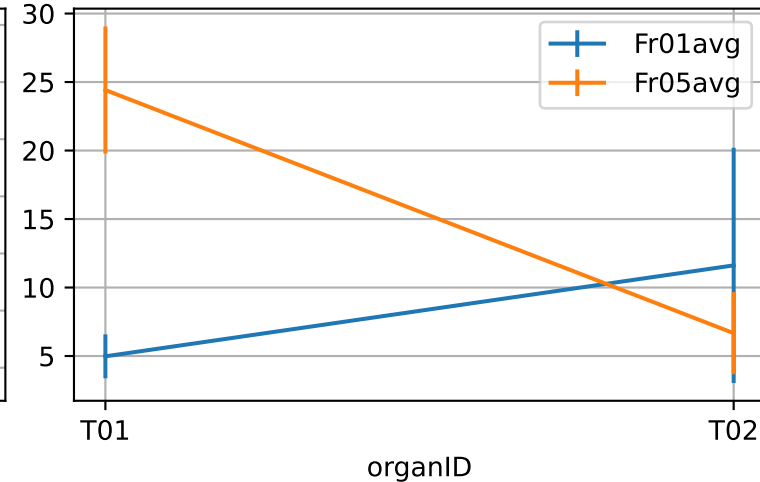


FrV trend at each age

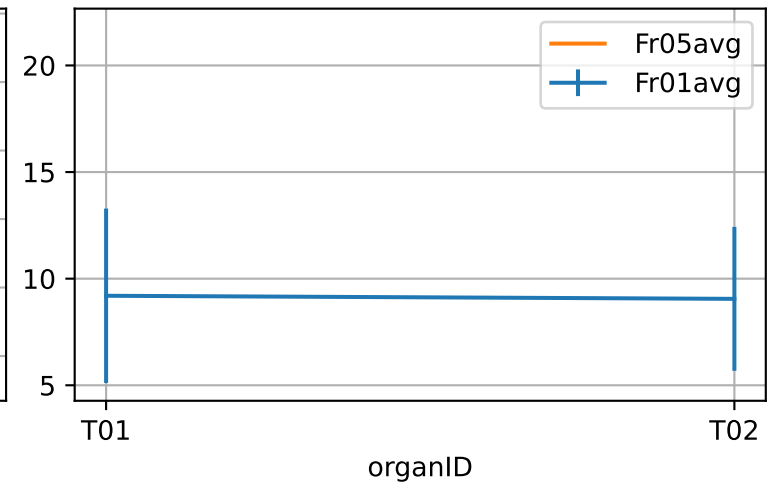
age=15



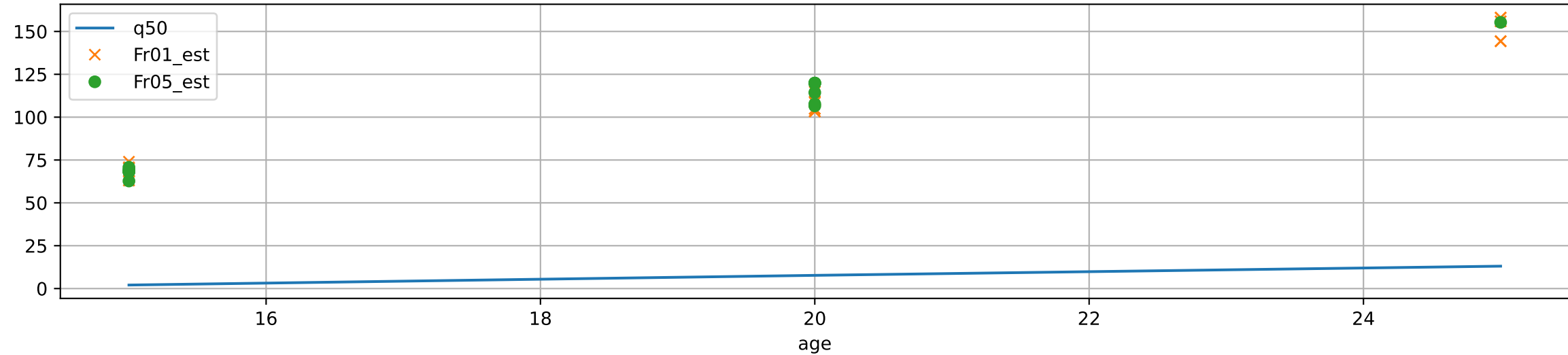
age=20



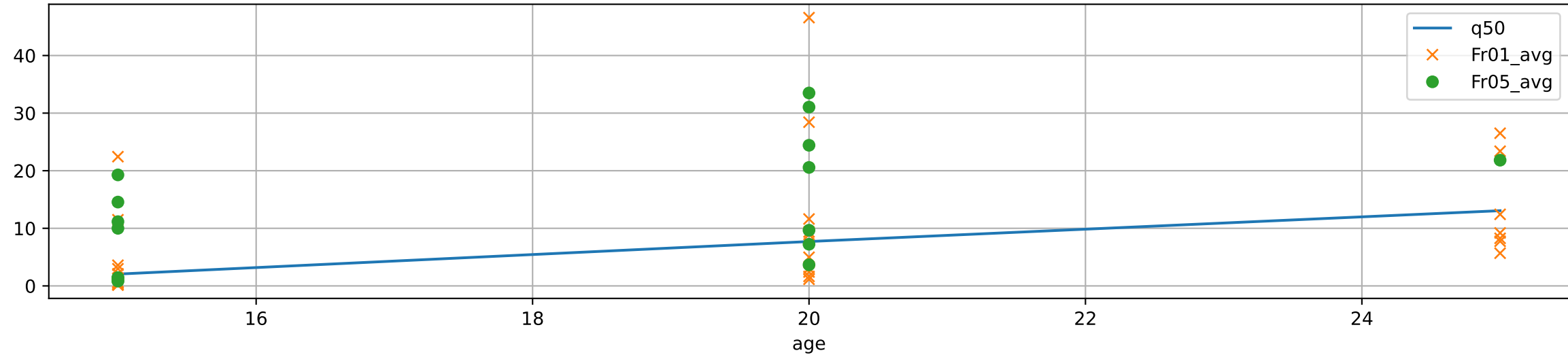
age=25



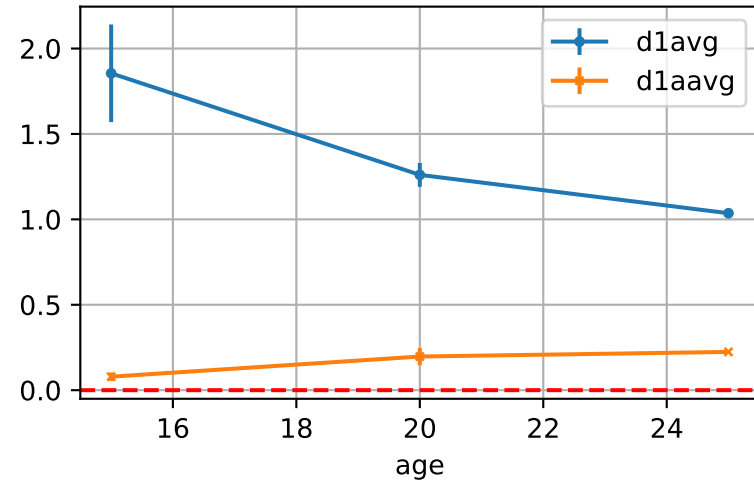
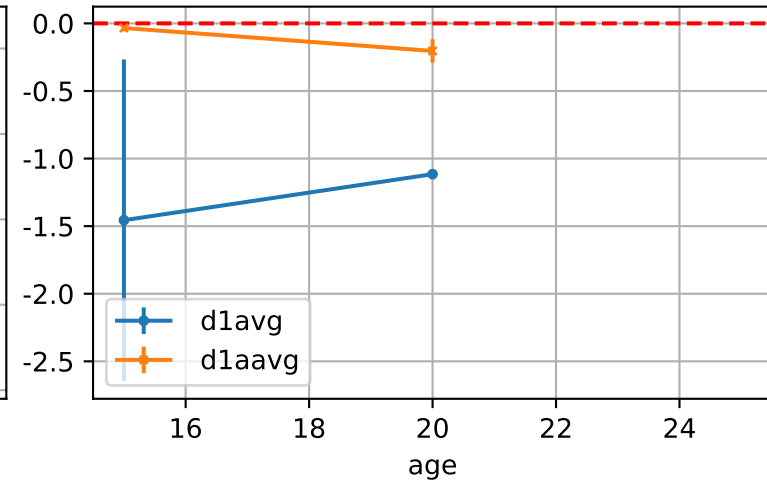
FrV: model Est vs obsFrV at Q90



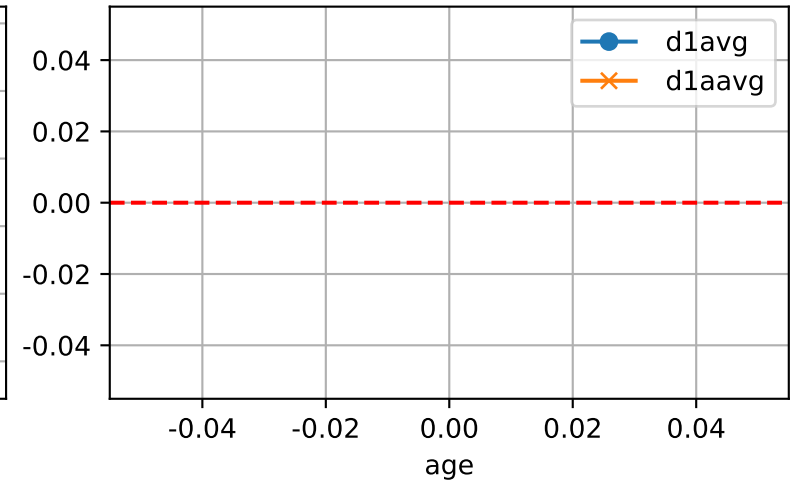
FrV: obsFrV vs obsFrV@Q90



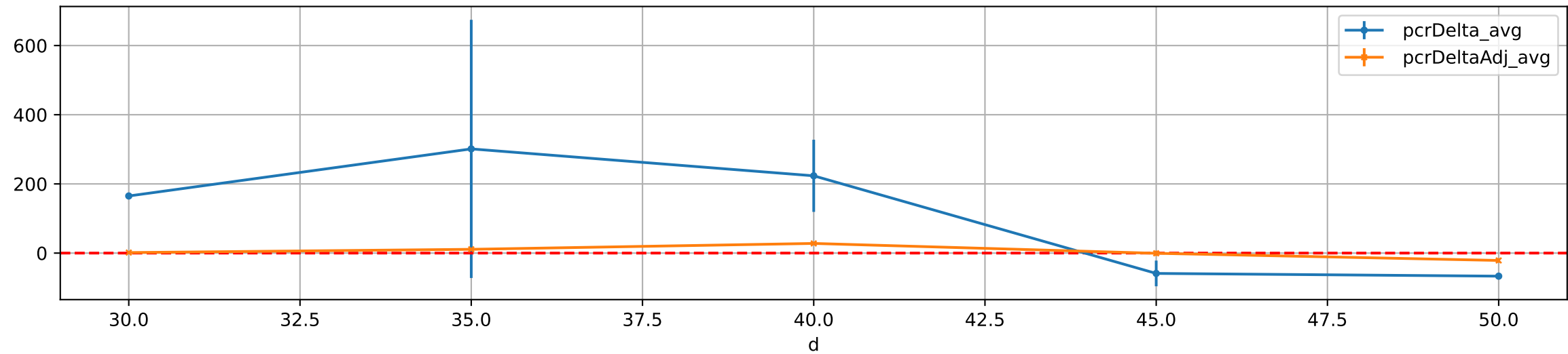
organID=1

FrV: D_Fr1_FrV
organID=2

organID=3

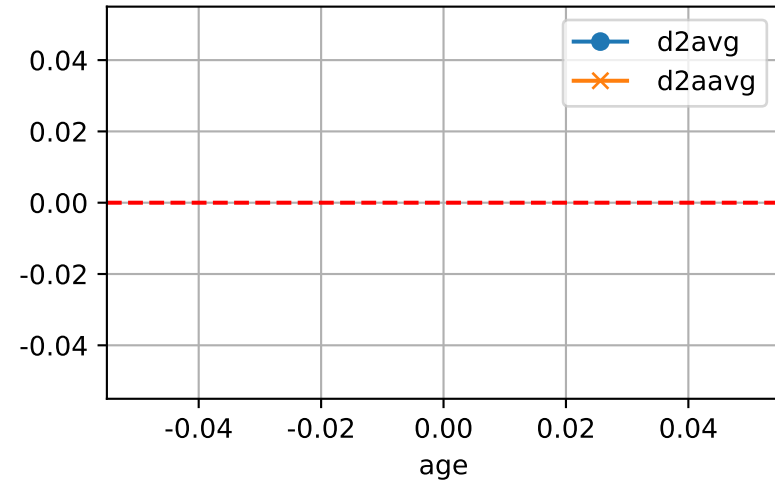


P9AE FrV: D_Fr1_FrV

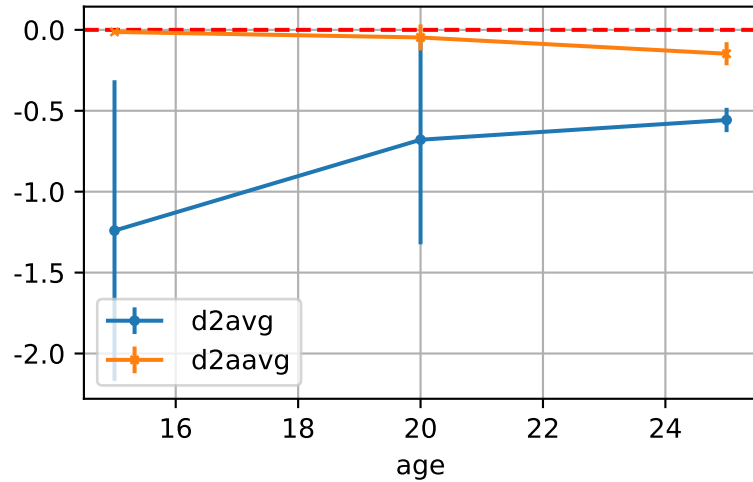


FrV: D_Ts_FrV

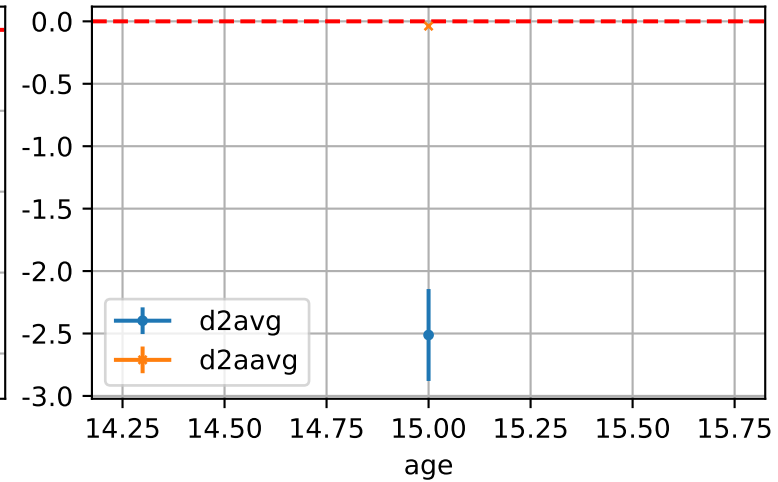
organID=1



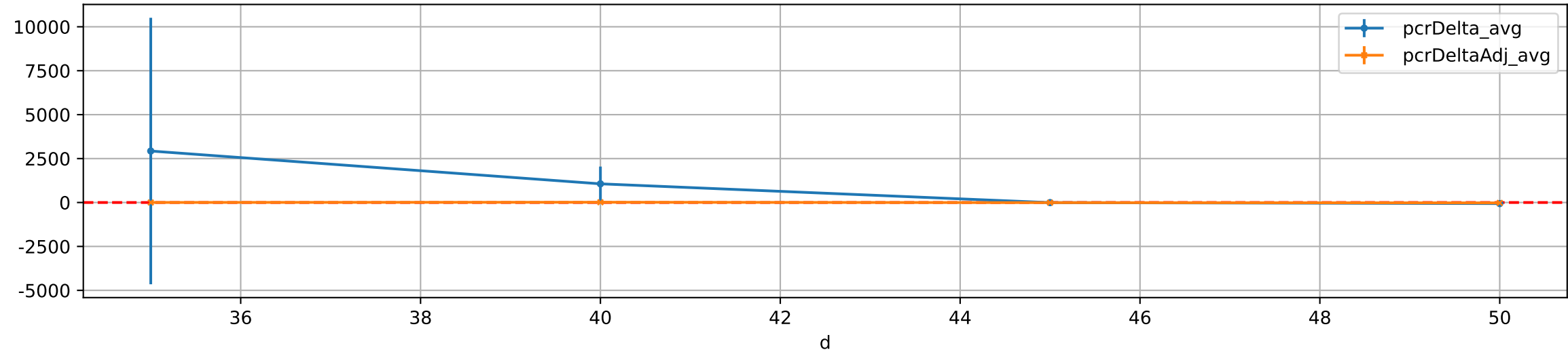
organID=2



organID=3

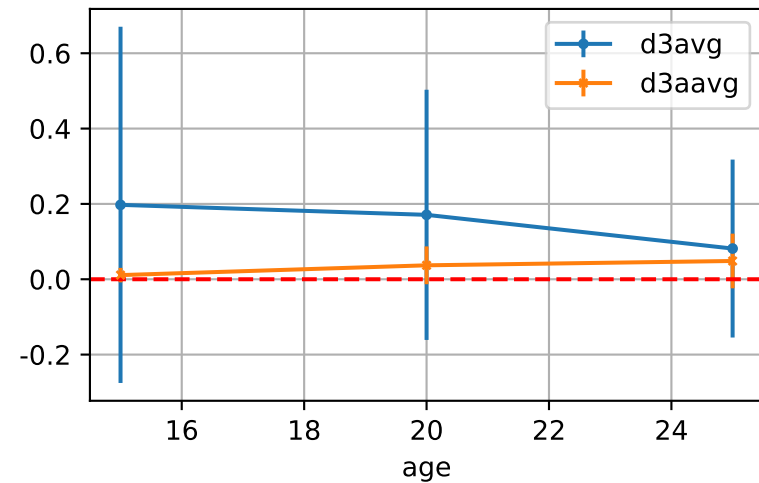


P9AE FrV: D_Ts_FrV

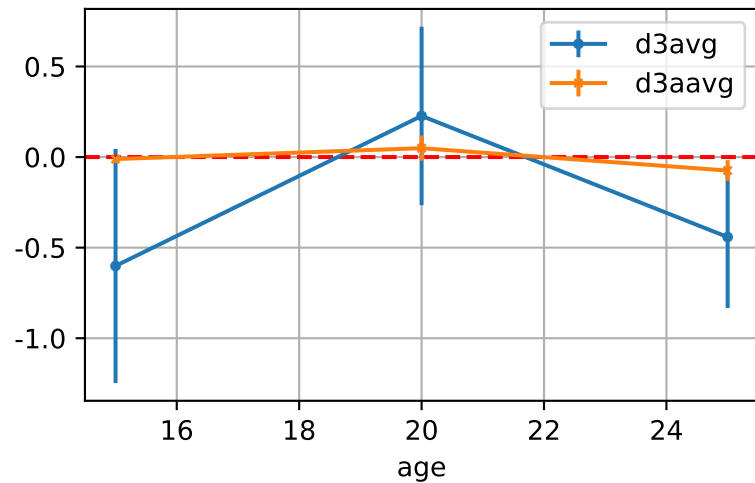


FrV: D_Q50_FrV

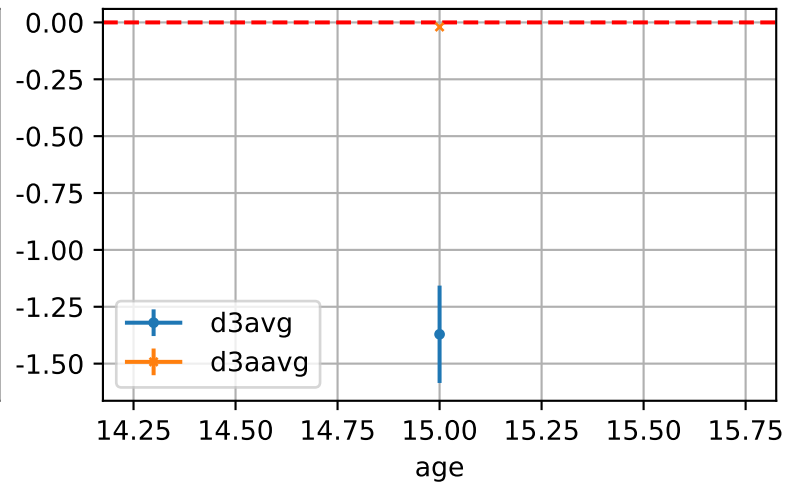
organID=1



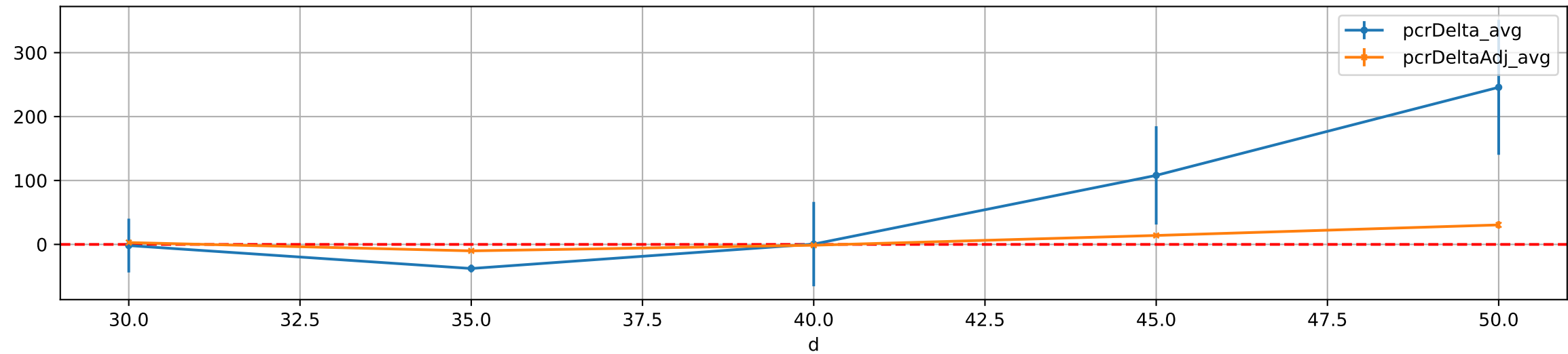
organID=2



organID=3

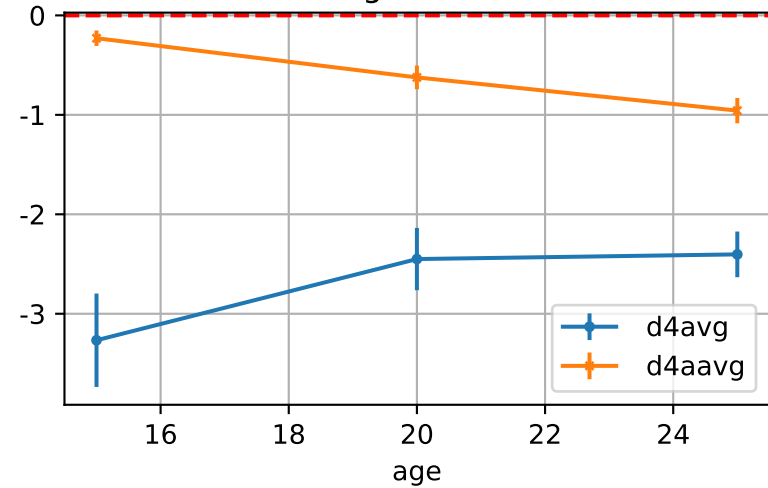


P9AE FrV: D_Q50_FrV

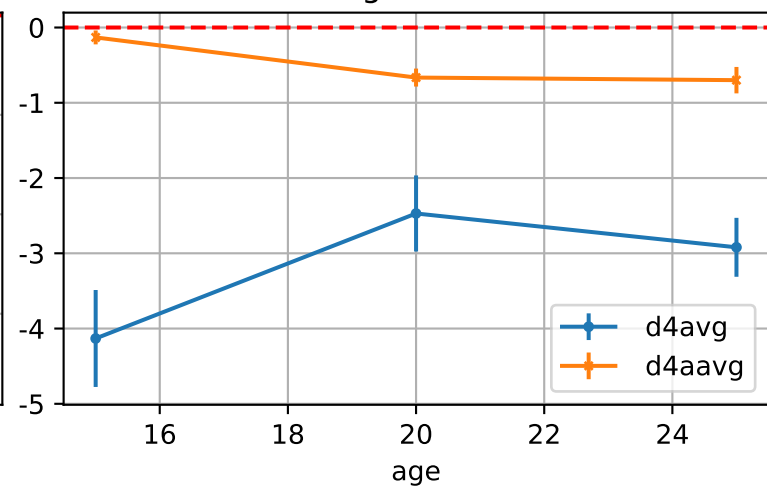


FrV: D_Est_FrV

organID=1



organID=2



organID=3

