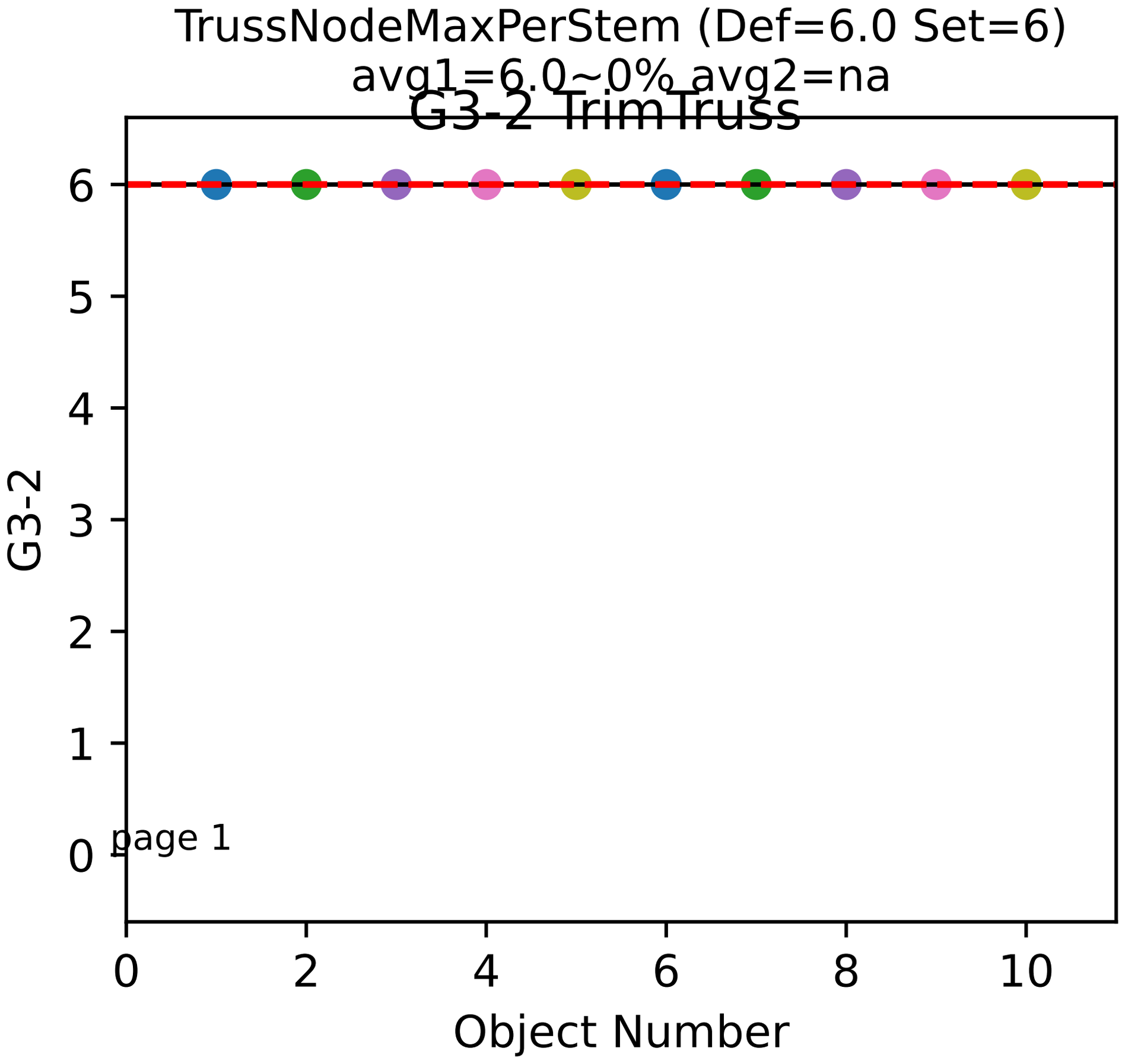
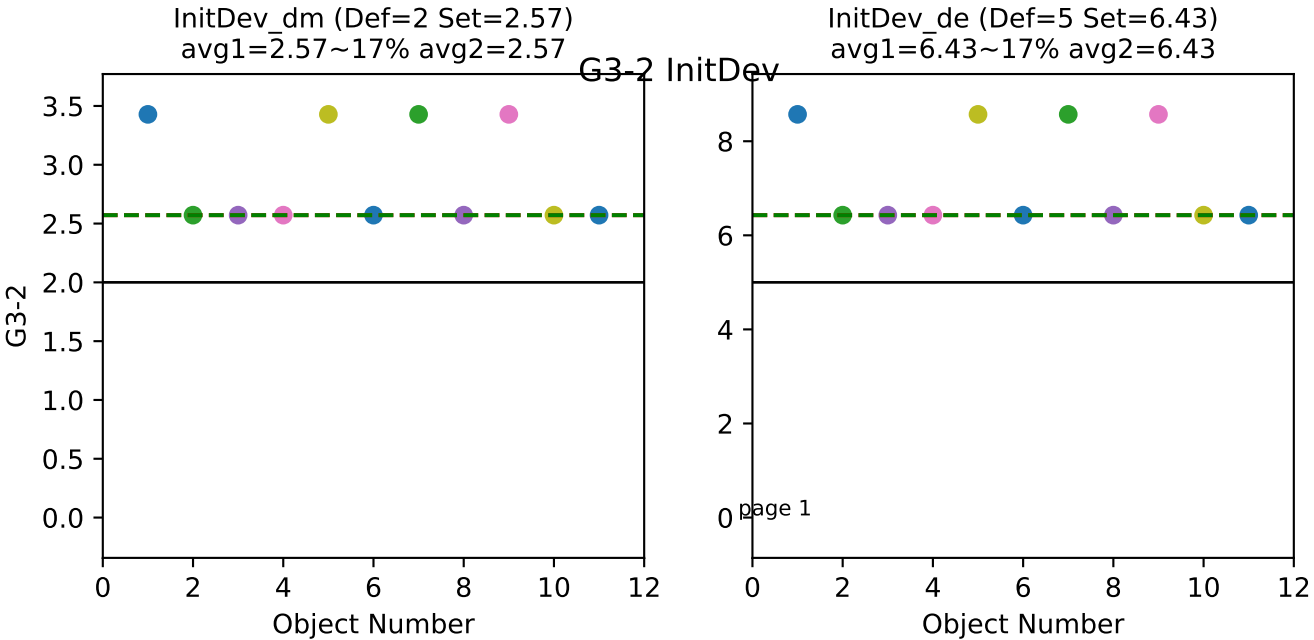
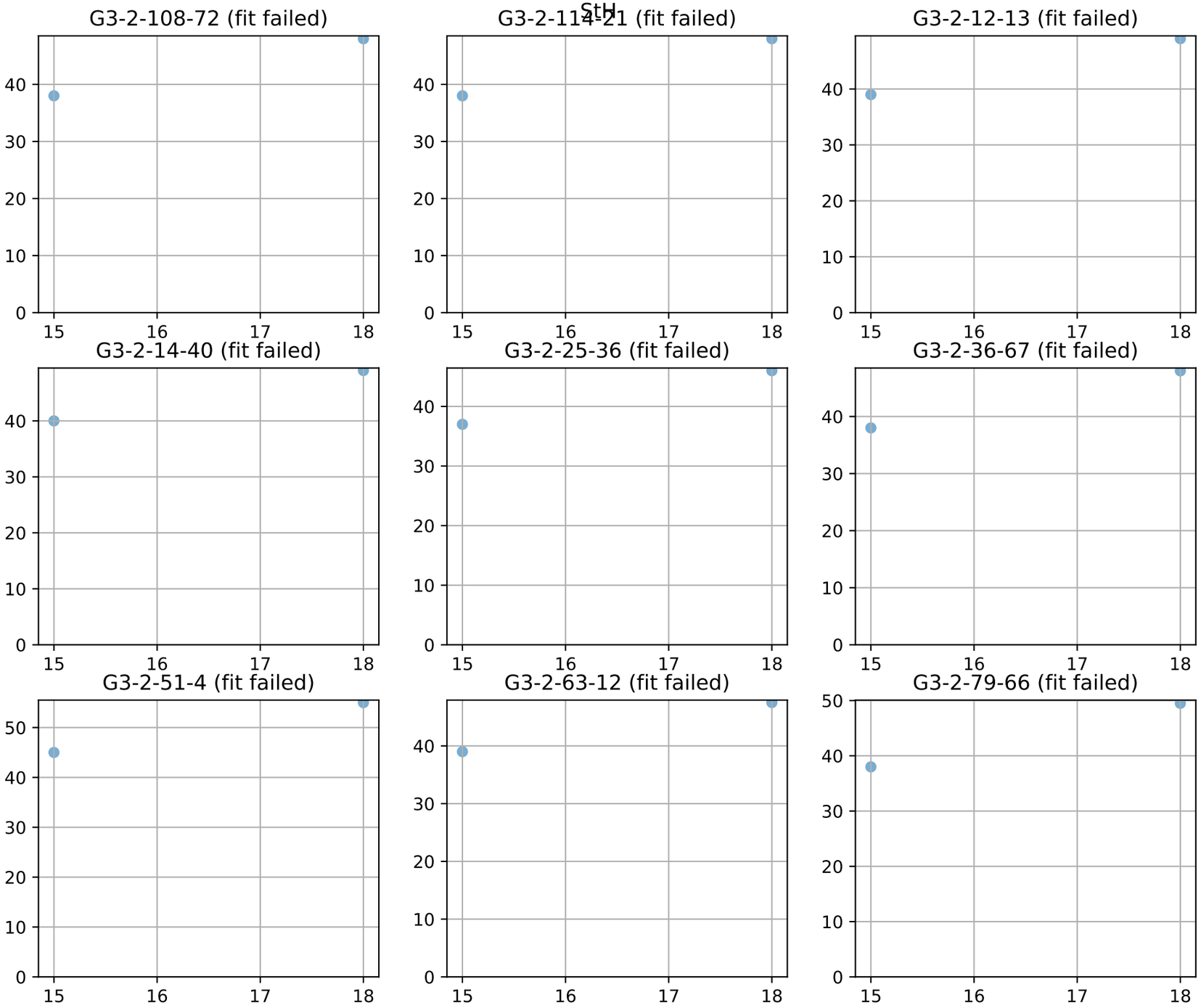
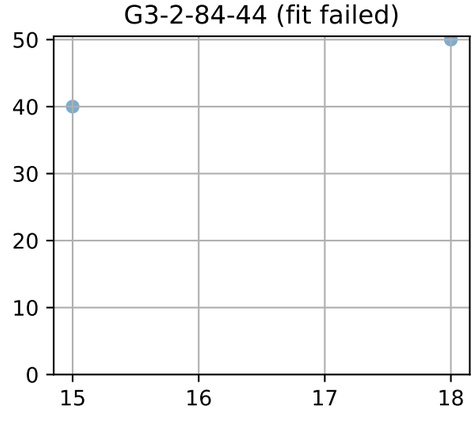
Phenotype Data Analysis Plots
PhenoData day range = 15 - 18
Analysis cutoff day = 18
NC11 G3-2
2025-05-31 (Day 19)

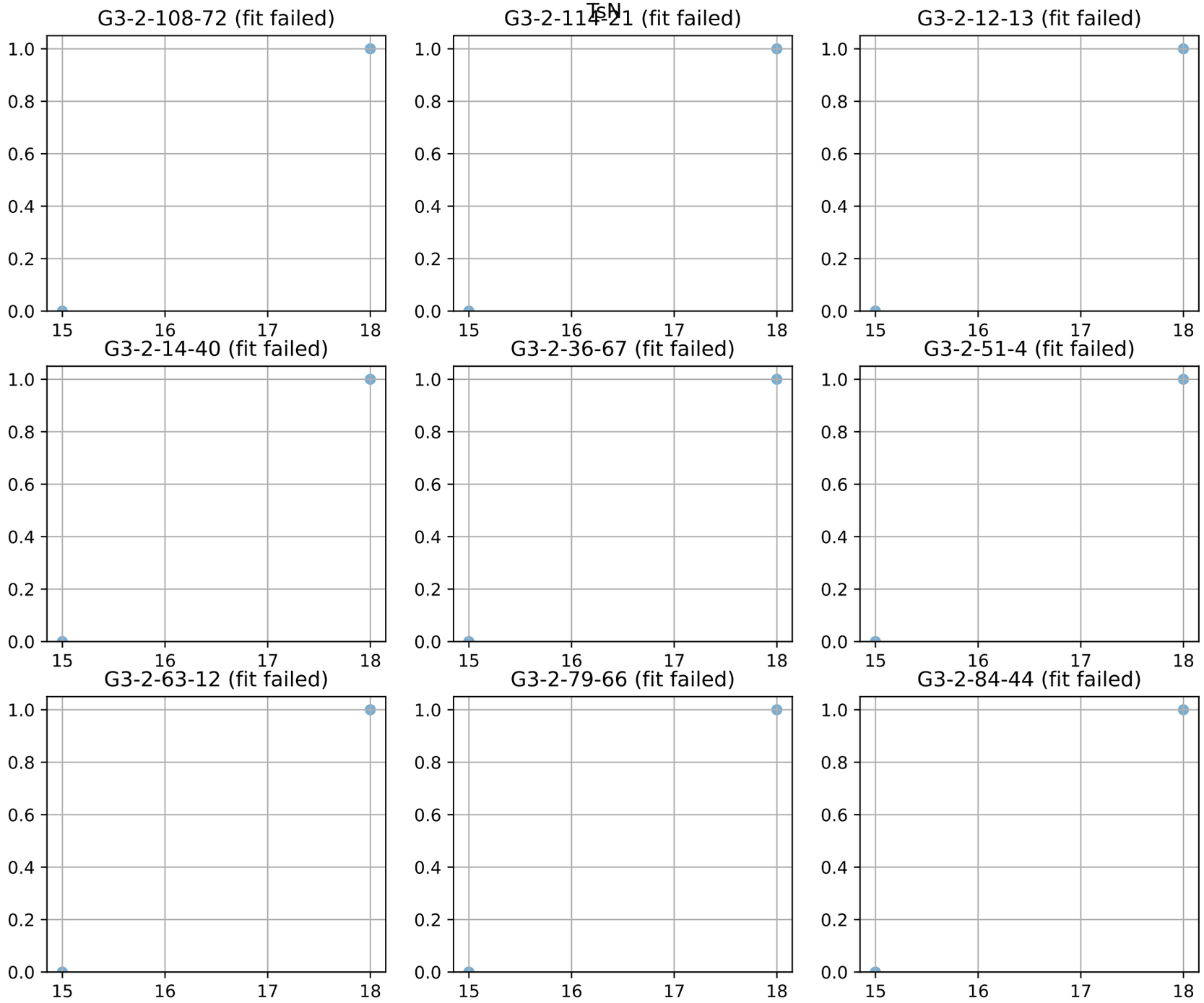

TrussNodeMaxPerStem (Def=6.0 Set=6)
avg1=6.0~0% avg2=na
G3-2 TrimTruss
page 1
G3-2
Object Number
0
1
2
3
4
5
6
0
2
4
6
8
10

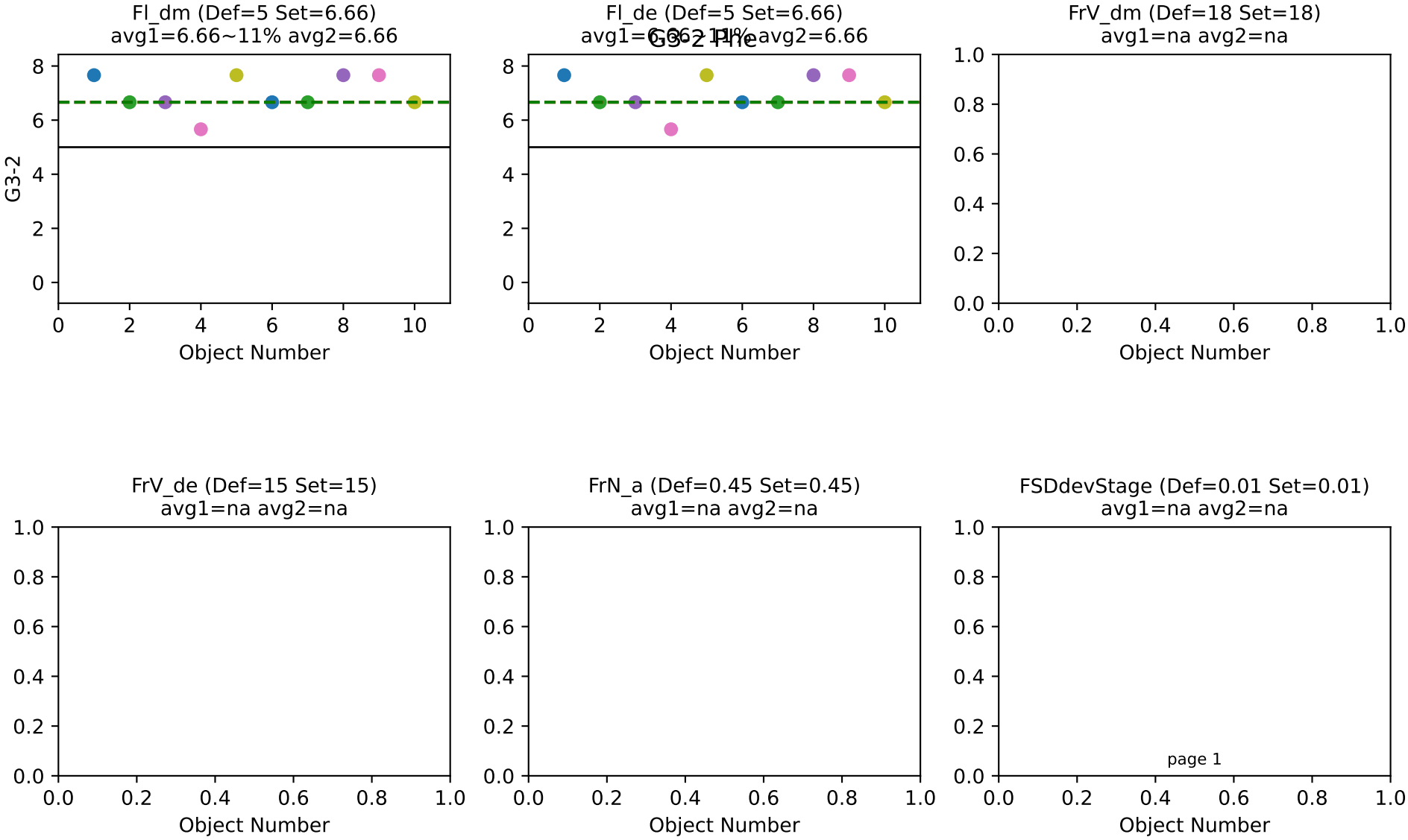

G3-2 InitDev
InitDev_dm (Def=2 Set=2.57)
avg1=2.57~17% avg2=2.57
InitDev_de (Def=5 Set=6.43)
avg1=6.43~17% avg2=6.43
G3-2
Object Number
Object Number
page 1

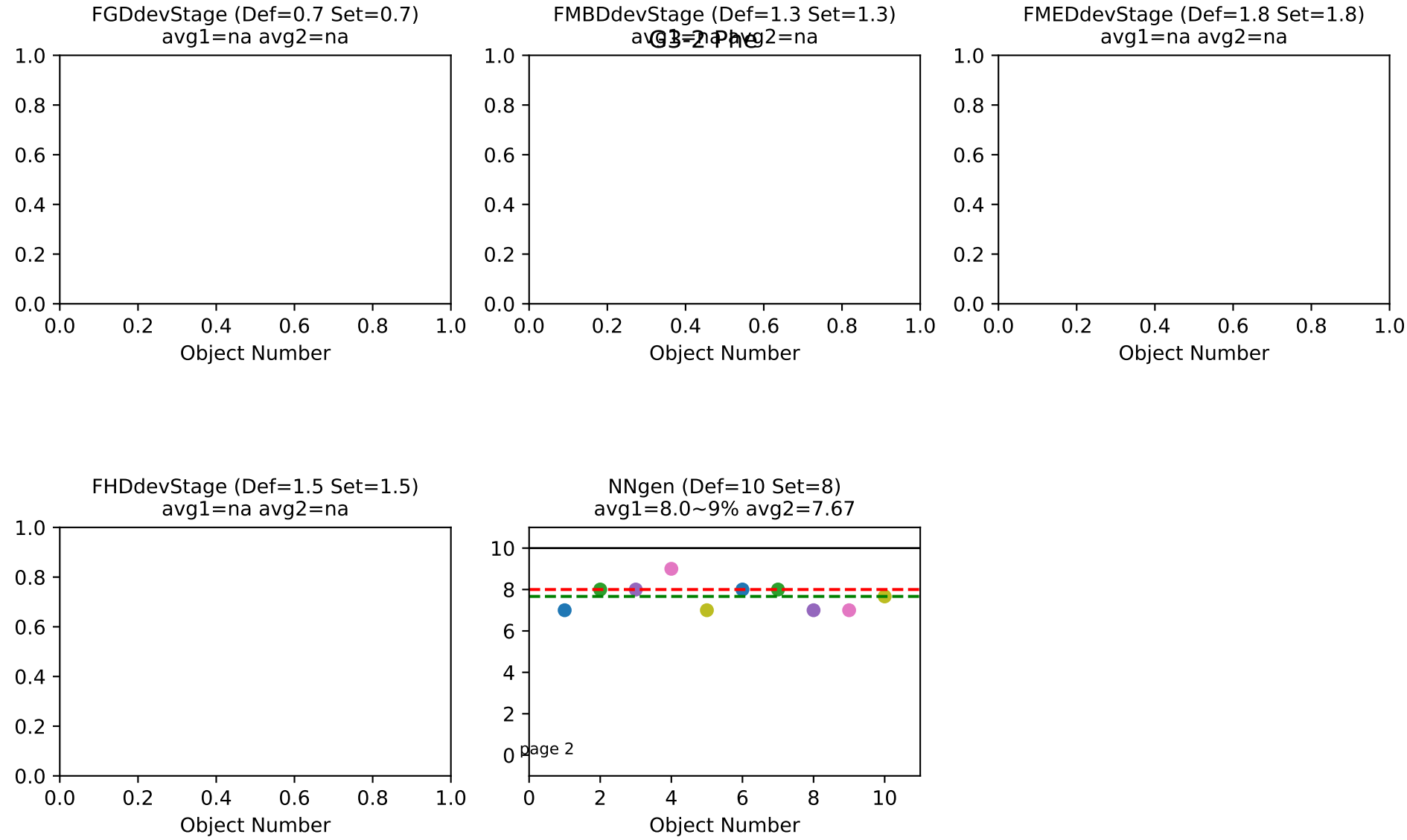
StH

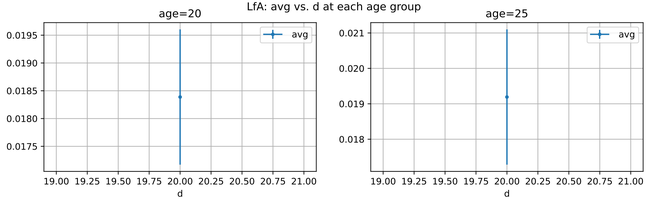

G3-2-108-72 (fit failed)
G3-2-114-21 (fit failed)
G3-2-12-13 (fit failed)
G3-2-14-40 (fit failed)
G3-2-25-36 (fit failed)
G3-2-36-67 (fit failed)
G3-2-51-4 (fit failed)
G3-2-63-12 (fit failed)
G3-2-79-66 (fit failed)

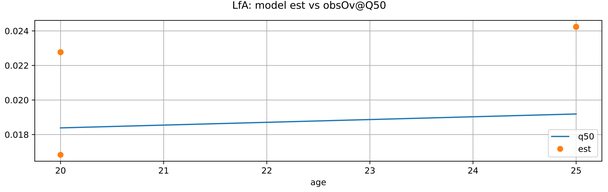

G3-2-84-44 (fit failed)
50
40
30
20
10
0
15
16
17
18


TsN
G3-2-108-72 (fit failed)
G3-2-114-21 (fit failed)
G3-2-12-13 (fit failed)
G3-2-14-40 (fit failed)
G3-2-36-67 (fit failed)
G3-2-51-4 (fit failed)
G3-2-63-12 (fit failed)
G3-2-79-66 (fit failed)
G3-2-84-44 (fit failed)
0.0
0.2
0.4
0.6
0.8
1.0
15
16
17
18

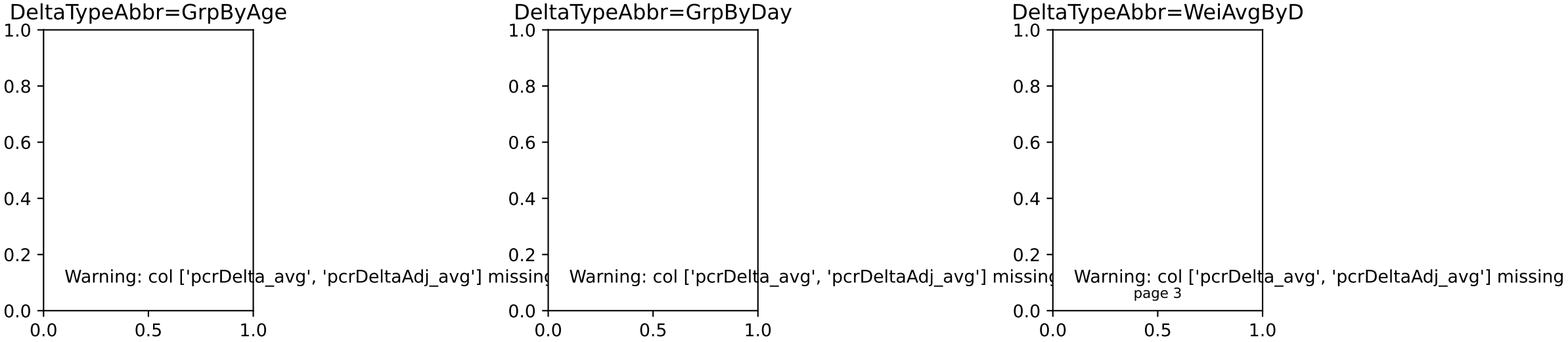

G3-2 Fine
Fl_dm (Def=5 Set=6.66)
avg1=6.66~11% avg2=6.66
Fl_de (Def=5 Set=6.66)
avg1=6.66~11% avg2=6.66
FrV_dm (Def=18 Set=18)
avg1=na avg2=na
FrV_de (Def=15 Set=15)
avg1=na avg2=na
FrN_a (Def=0.45 Set=0.45)
avg1=na avg2=na
FSDdevStage (Def=0.01 Set=0.01)
avg1=na avg2=na
G3-2
Object Number
page 1


G3-2 Pne
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=8.0~9% avg2=7.67
page 2
Object Number

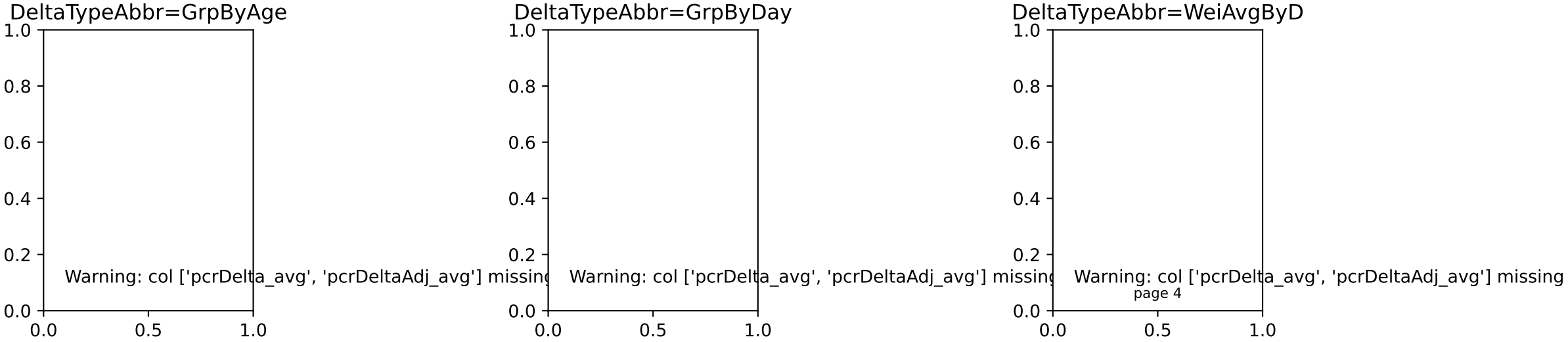

LfA: avg vs. d at each age group
age=20
avg
0.0195
0.0190
0.0185
0.0180
0.0175
19.00 19.25 19.50 19.75 20.00 20.25 20.50 20.75 21.00
d
age=25
avg
0.021
0.020
0.019
0.018
19.00 19.25 19.50 19.75 20.00 20.25 20.50 20.75 21.00
d

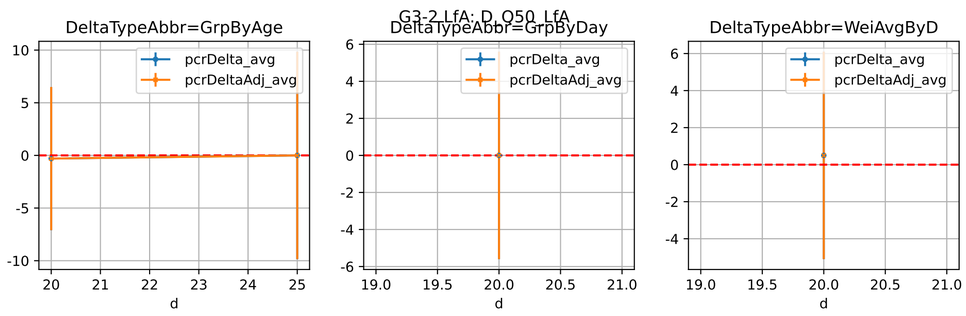

LfA: model est vs obsOv@Q50
0.024
0.022
0.020
0.018
20
21
22
23
24
25
age
q50
est

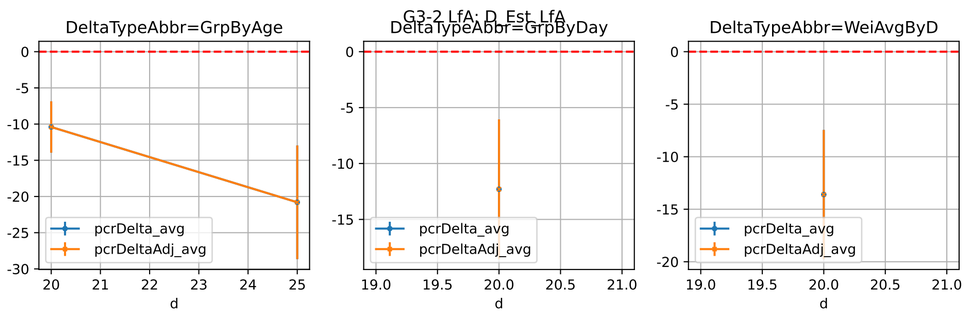
G3-2 LfA: D_5d_LfA

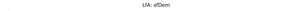


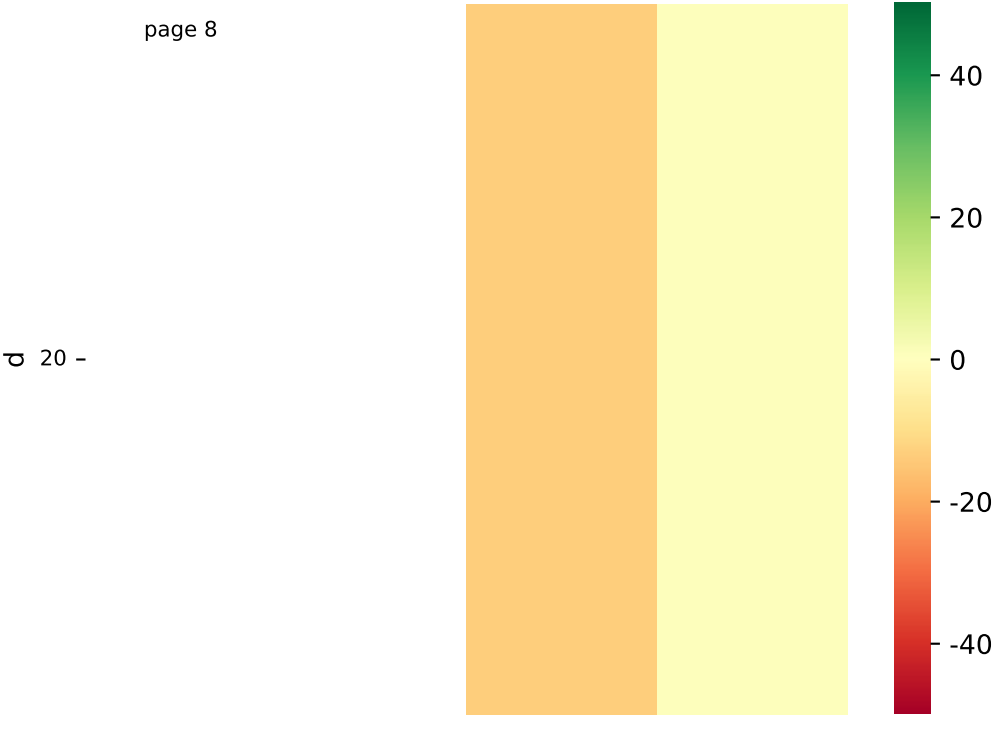
G3-2 LfA: D_15d_LfA




G3-2 LfA: D, Q50, LfA
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
d


G3-2 LfA: D_Est_LfA
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
d


LfA: sfDem
sfDem
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
9.6
9.8
10.0
10.2
10.4
d

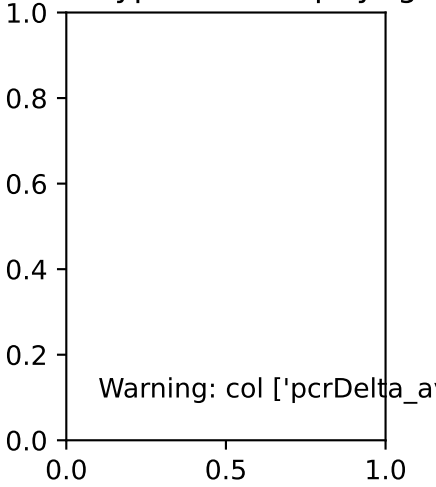

d
20
40
20
0
-20
-40

NsD: avg vs. d at each age group
20-21
avg
10.7
10.6
10.5
10.4
10.3
19.00
19.25
19.50
19.75
20.00
20.25
20.50
20.75
21.00
d

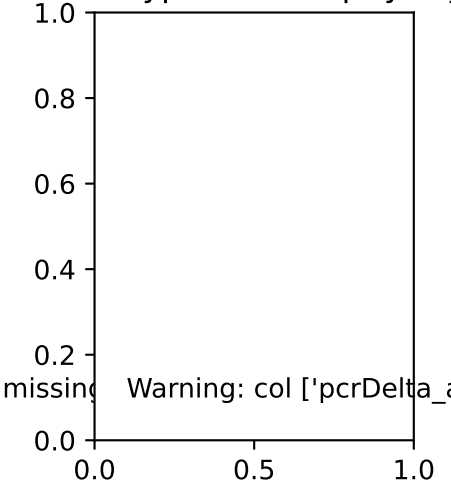
NsID: model est vs obsDv@Q50
q50
sel
10
9
8
7
6
5
19.00
19.25
19.50
19.75
20.00
20.25
20.50
20.75
21.00
age

G3-2 NdD: D_5d_NdD

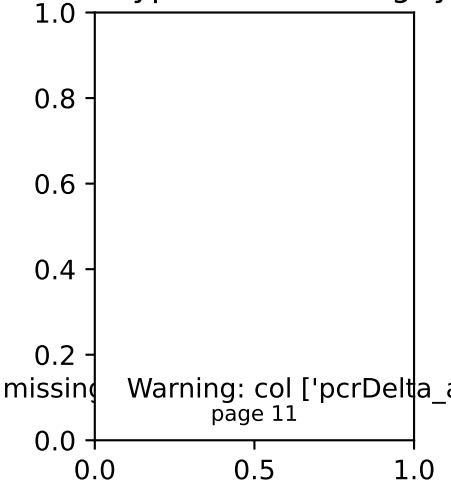
DeltaTypeAbbr=GrpByAge



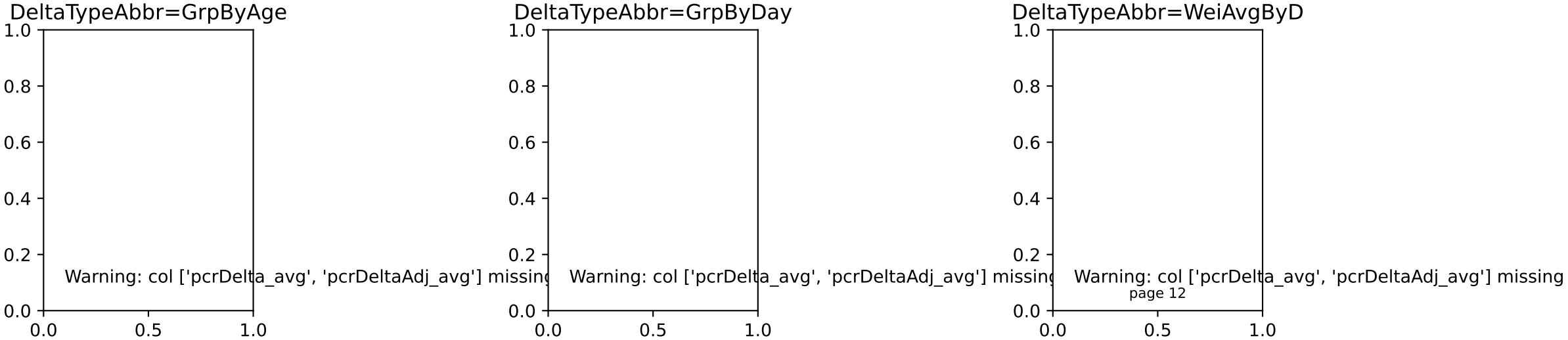
DeltaTypeAbbr=GrpByDay

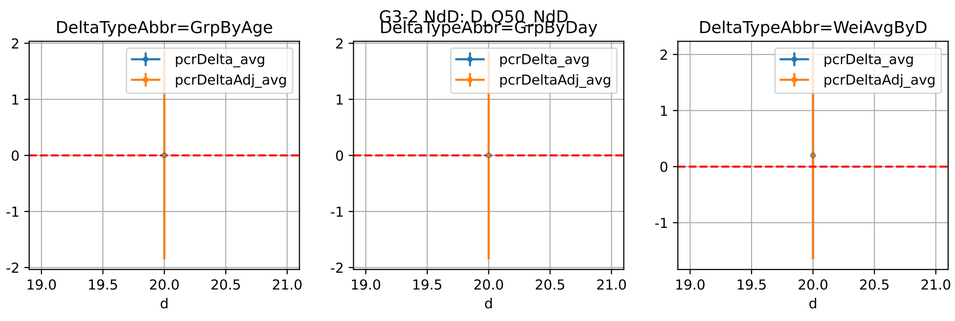


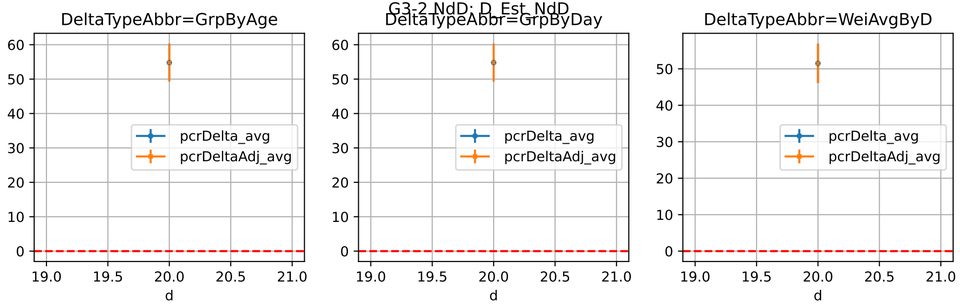
DeltaTypeAbbr=WeiAvgByD



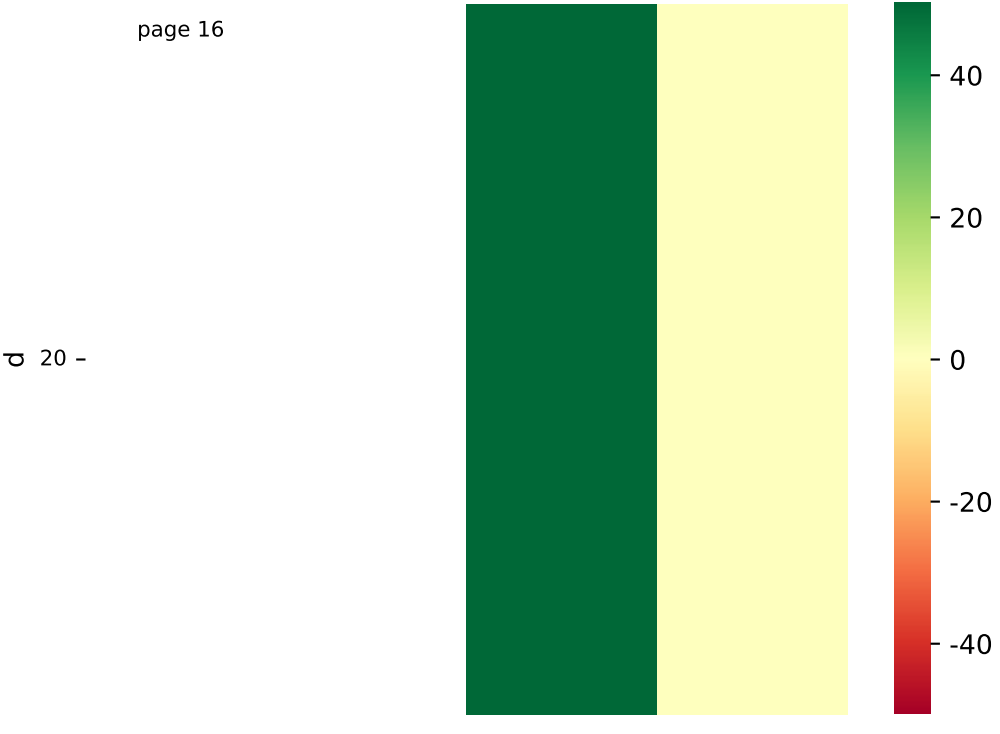
G3-2 NdD: D_15d_NdD

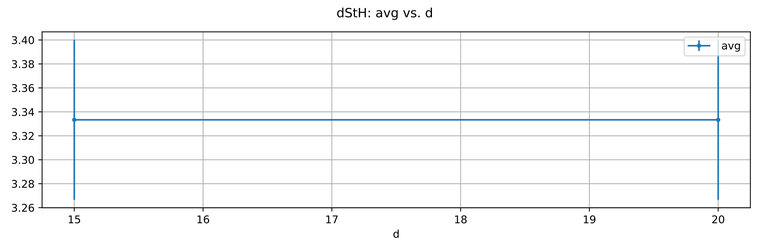


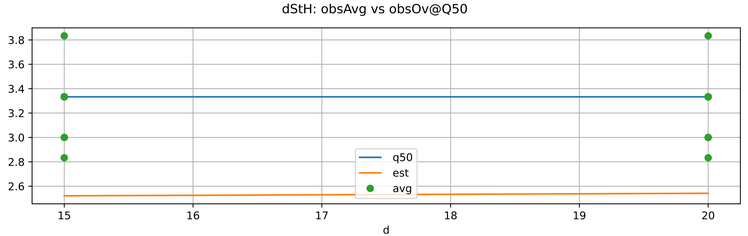

G3-2 NdD: D, Q50, NdD
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
d

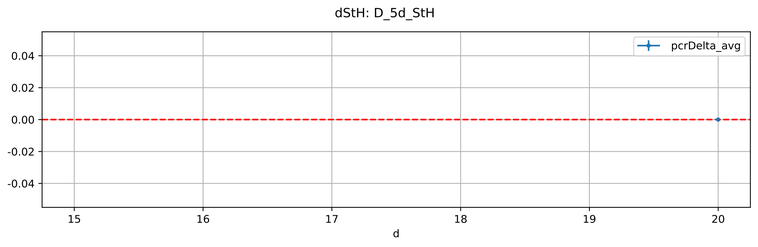

G3-2 NdD: D_Est_NdD
DeltaTypeAbbr=GrpByAge
DeltaTypeAbbr=GrpByDay
DeltaTypeAbbr=WeiAvgByD
pcrDelta_avg
pcrDeltaAdj_avg
d

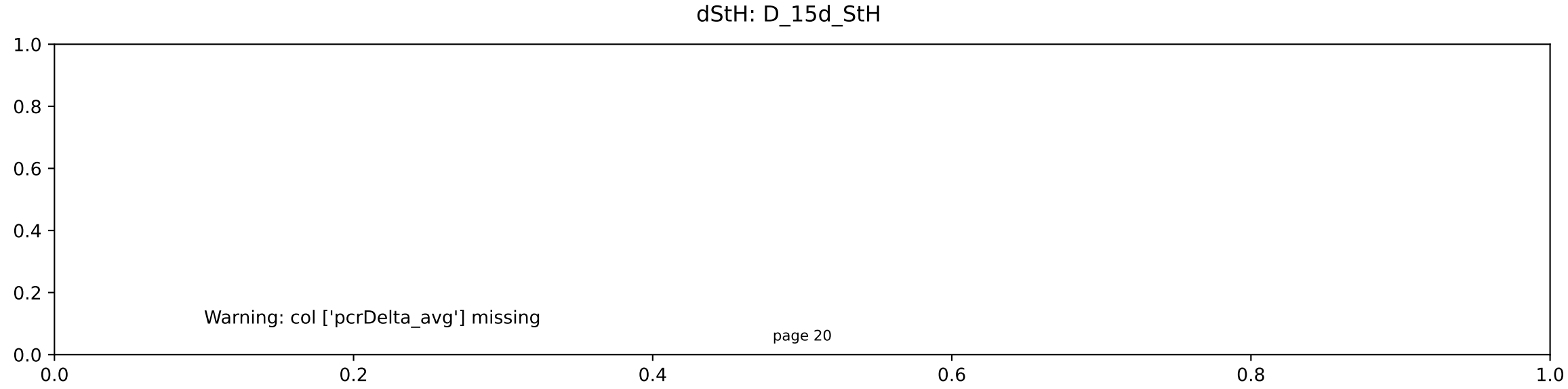
NsDi: sfDem
sfDem
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
9.6
9.8
10.0
10.2
10.4
d

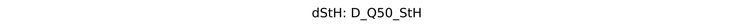

d
20
40
20
0
-20
-40

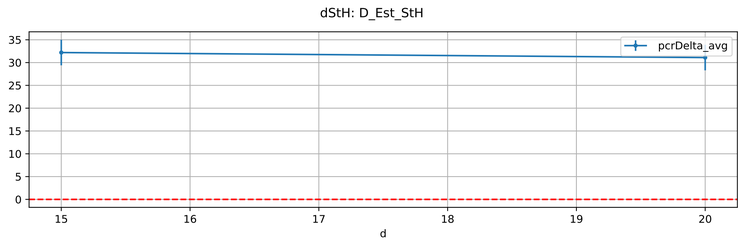

dStH: avg vs. d
avg
3.40
3.38
3.36
3.34
3.32
3.30
3.28
3.26
15
16
17
18
19
20
d

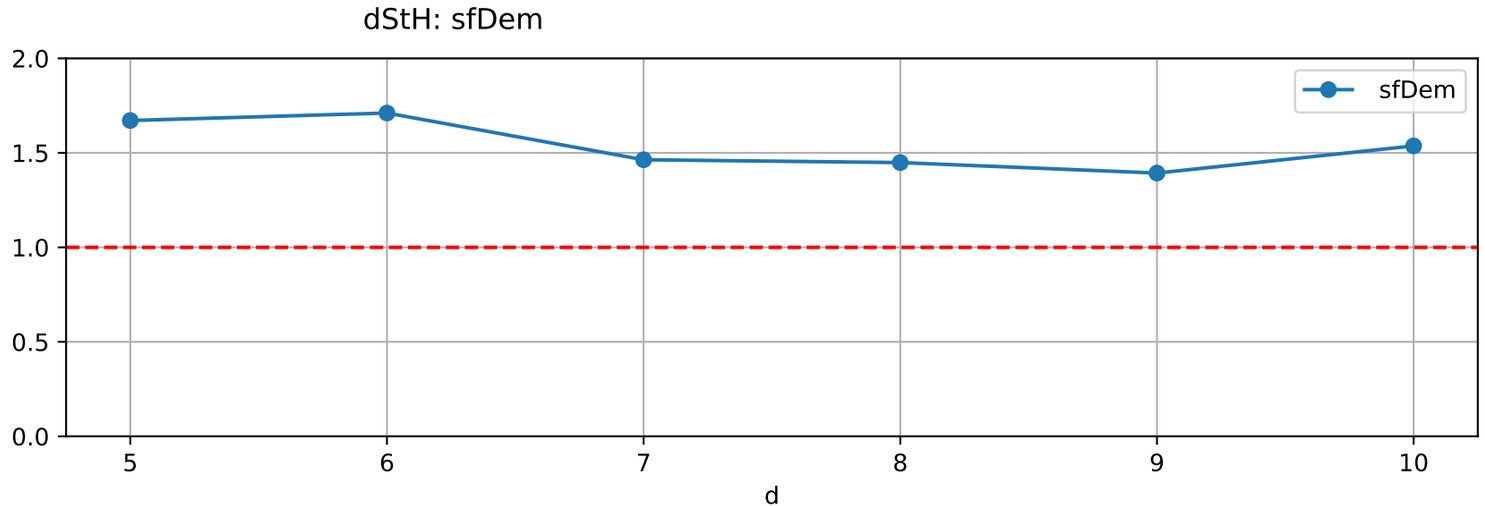

dStH: obsAvg vs obsOv@Q50
3.8
3.6
3.4
3.2
3.0
2.8
2.6
15
16
17
18
19
20
d
q50
est
avg

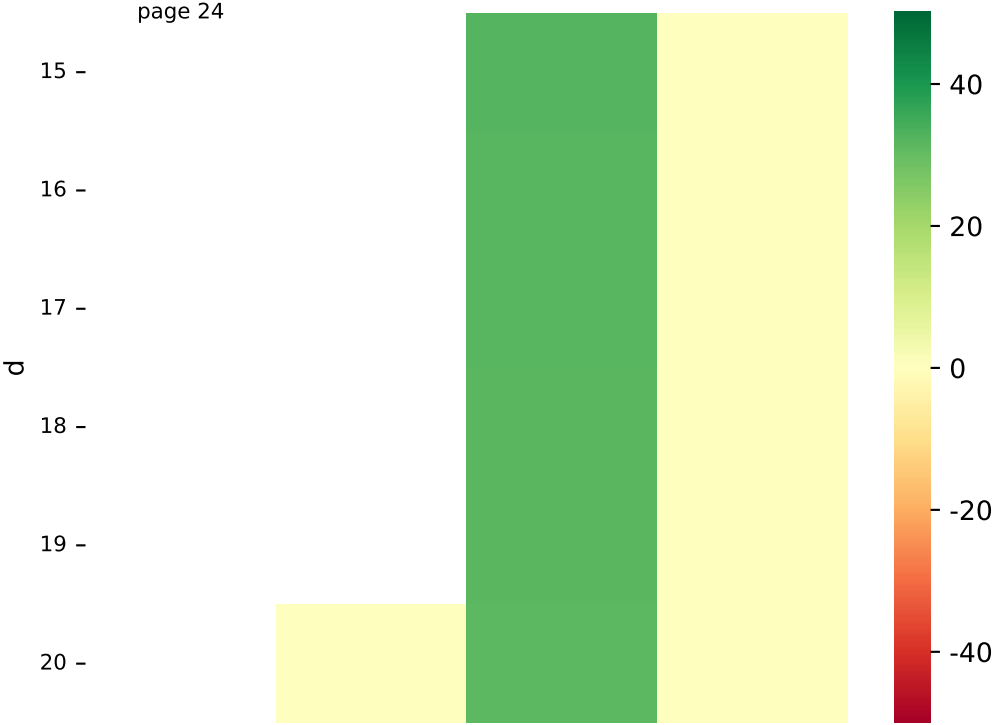

dStH: D_5d_StH
pcrDelta_avg
0.04
0.02
0.00
-0.02
-0.04
15
16
17
18
19
20
d


dStH: D_15d_StH
1.0
0.8
0.6
0.4
0.2
0.0
Warning: col ['pcrDelta_avg'] missing
page 20
0.0
0.2
0.4
0.6
0.8
1.0


dStH: D_Q50_StH
pcrDelta_avg
2
1
0
-1
-2
15
16
17
18
19
20
d


dStH: D_Est_StH
pcrDelta_avg
35
30
25
20
15
10
5
0
15
16
17
18
19
20
d


dStH: sfDem
sfDem
2.0
1.5
1.0
0.5
0.0
5
6
7
8
9
10
d


15
16
17
18
19
20
d
40
20
0
-20
-40

15
16
17
18
19
20
d
40
20
0
-20
-40