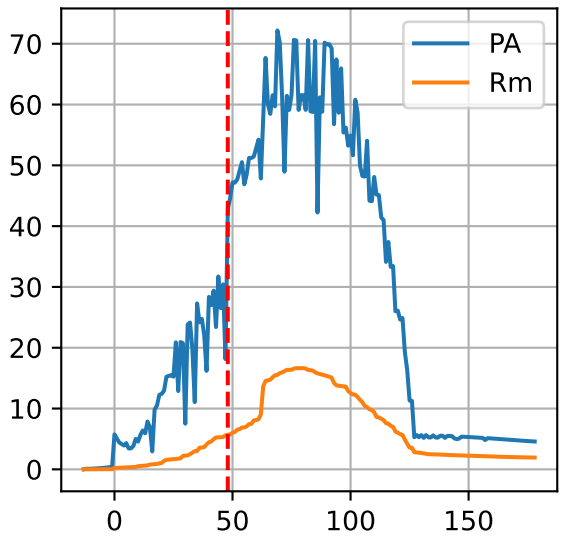
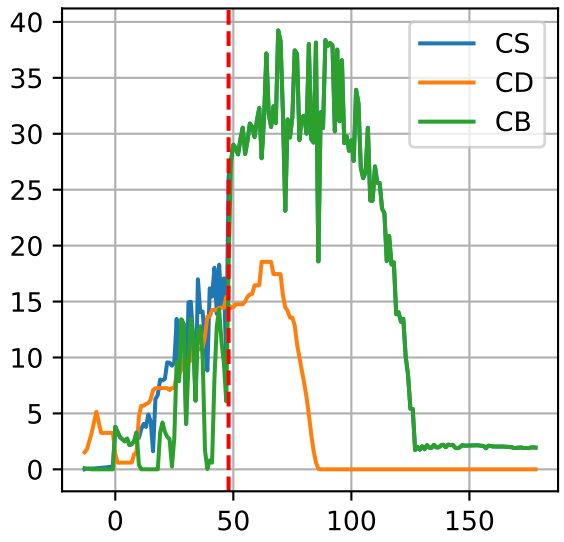
Model Prediction (P3)

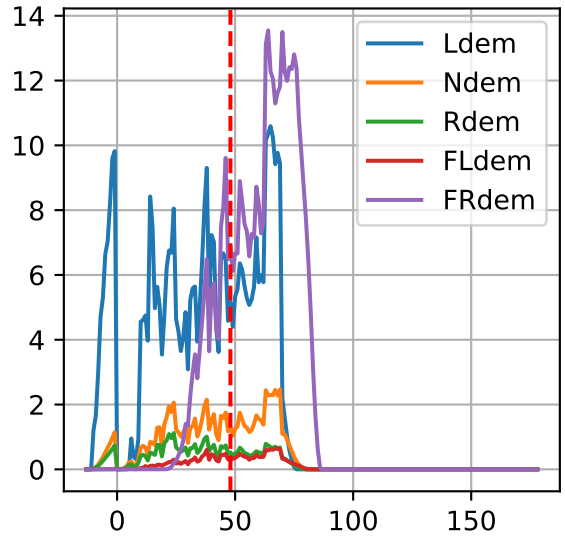
P3: ['PA', 'Rm']



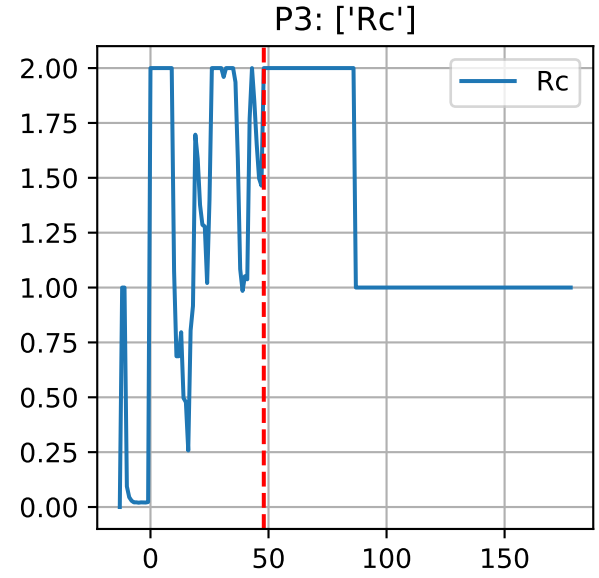
P3: ['CS', 'CD', 'CB']



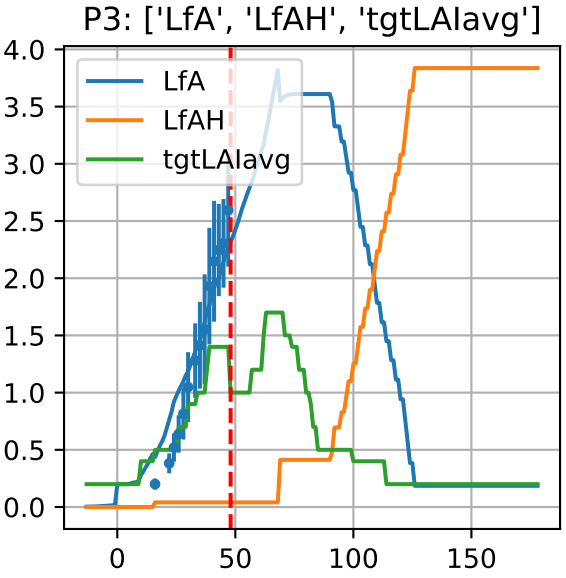
P3: ['Ldem', 'Ndem', 'Rdem', 'FLdem', 'FRdem']



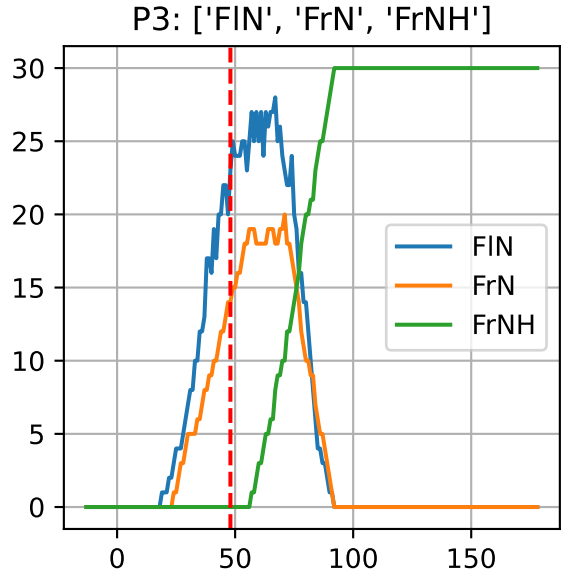
P3: ['Rc']



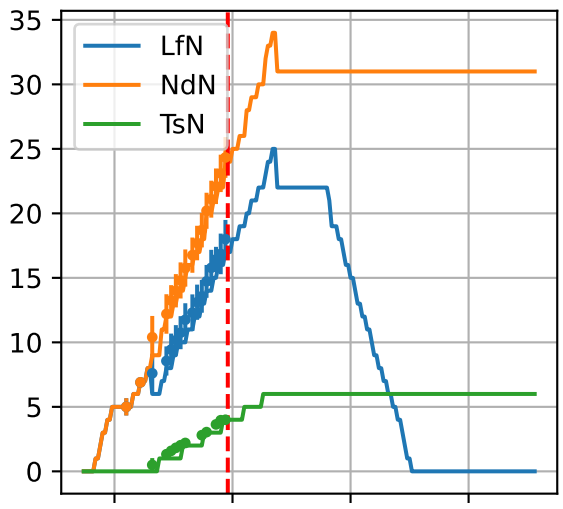
P3: ['LfA', 'LfAH', 'tgtLAIavg']



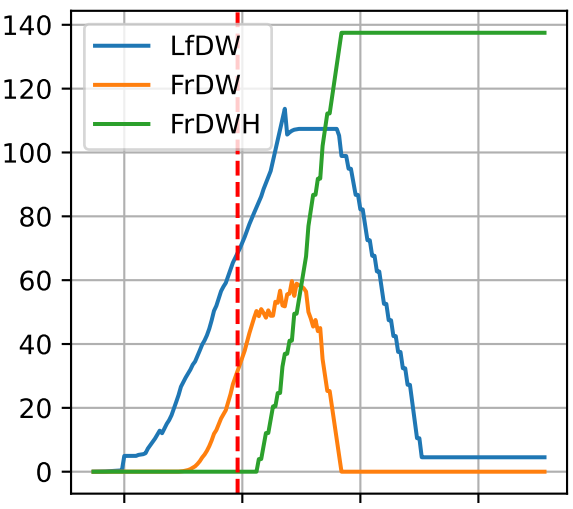
P3: ['FIN', 'FrN', 'FrNH']



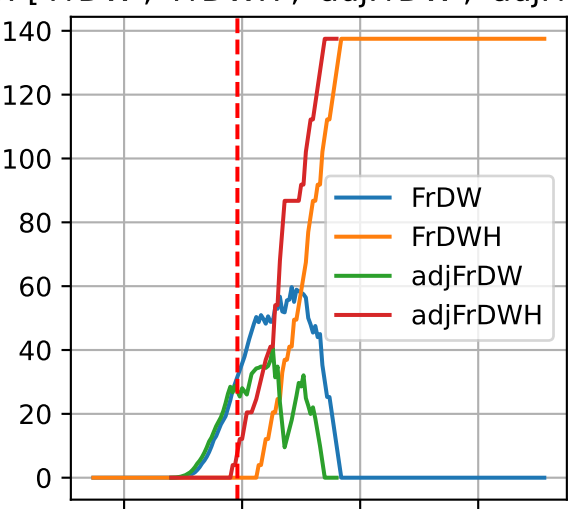
P3: ['LfN', 'NdN', 'TsN']



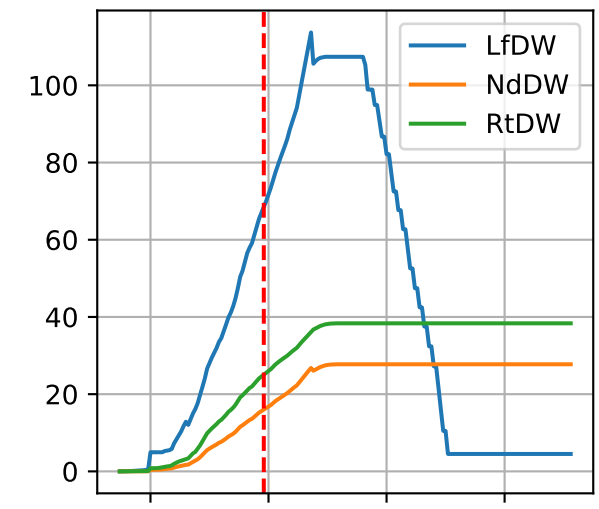
P3: ['LfDW', 'FrDW', 'FrDWH']



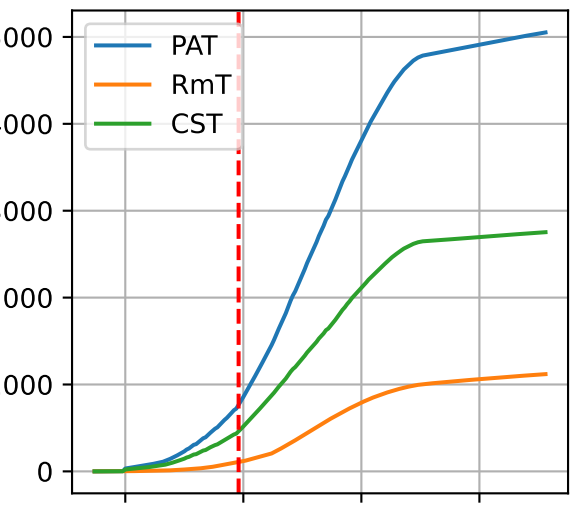
P3: ['FrDW', 'FrDWH', 'adjFrDW', 'adjFrDWH']



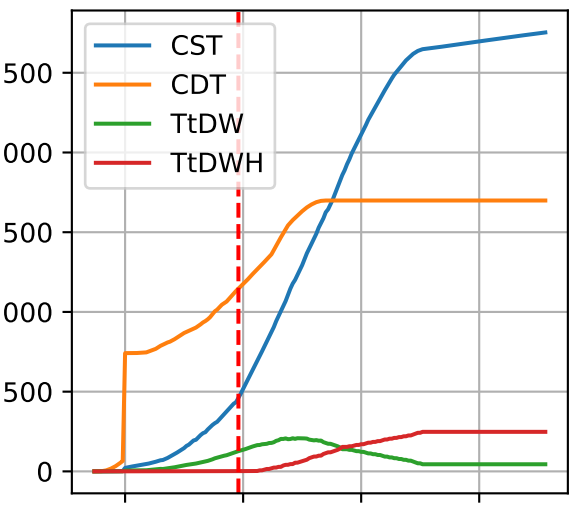
P3: ['LfDW', 'NdDW', 'RtDW']

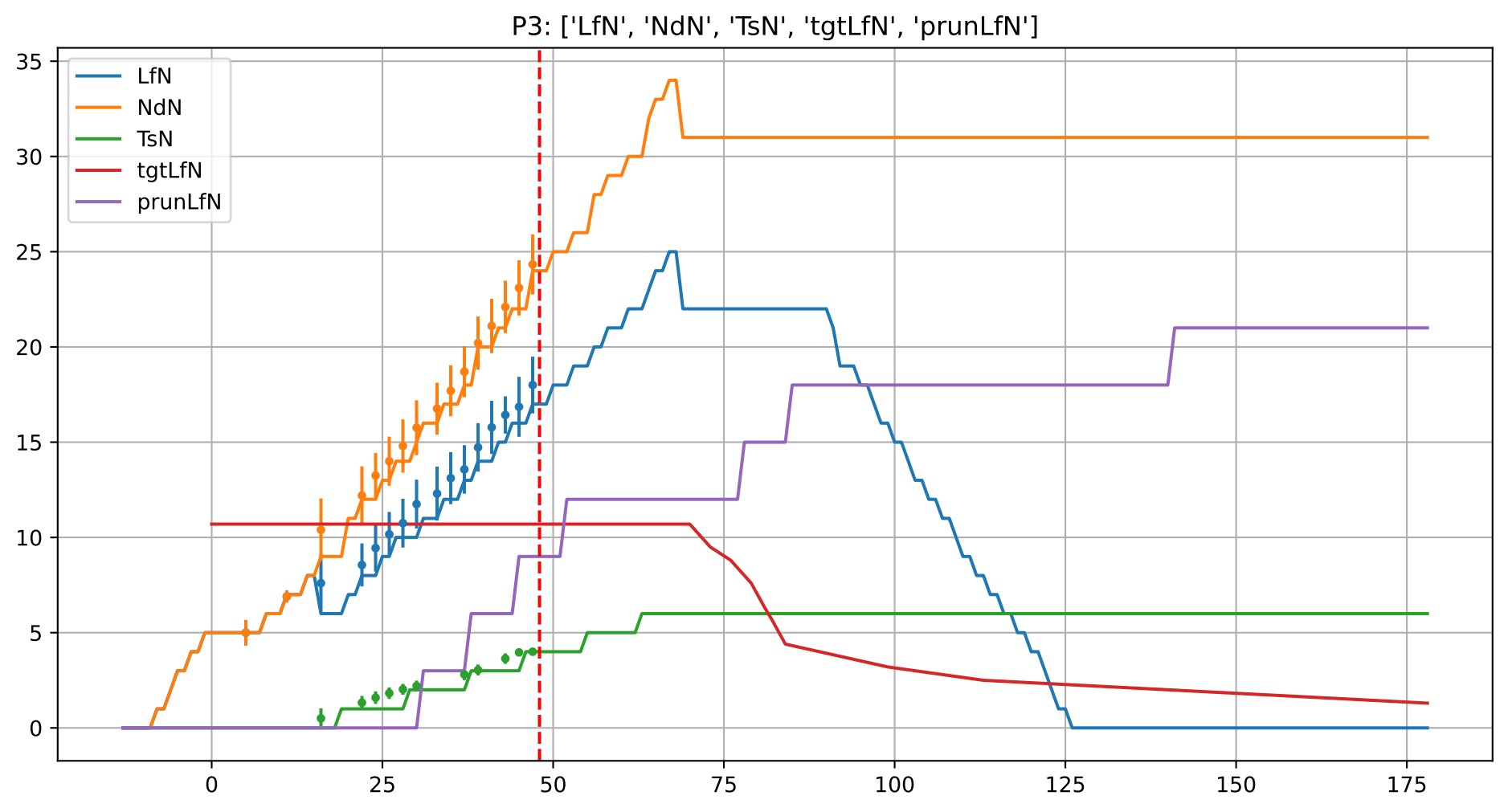


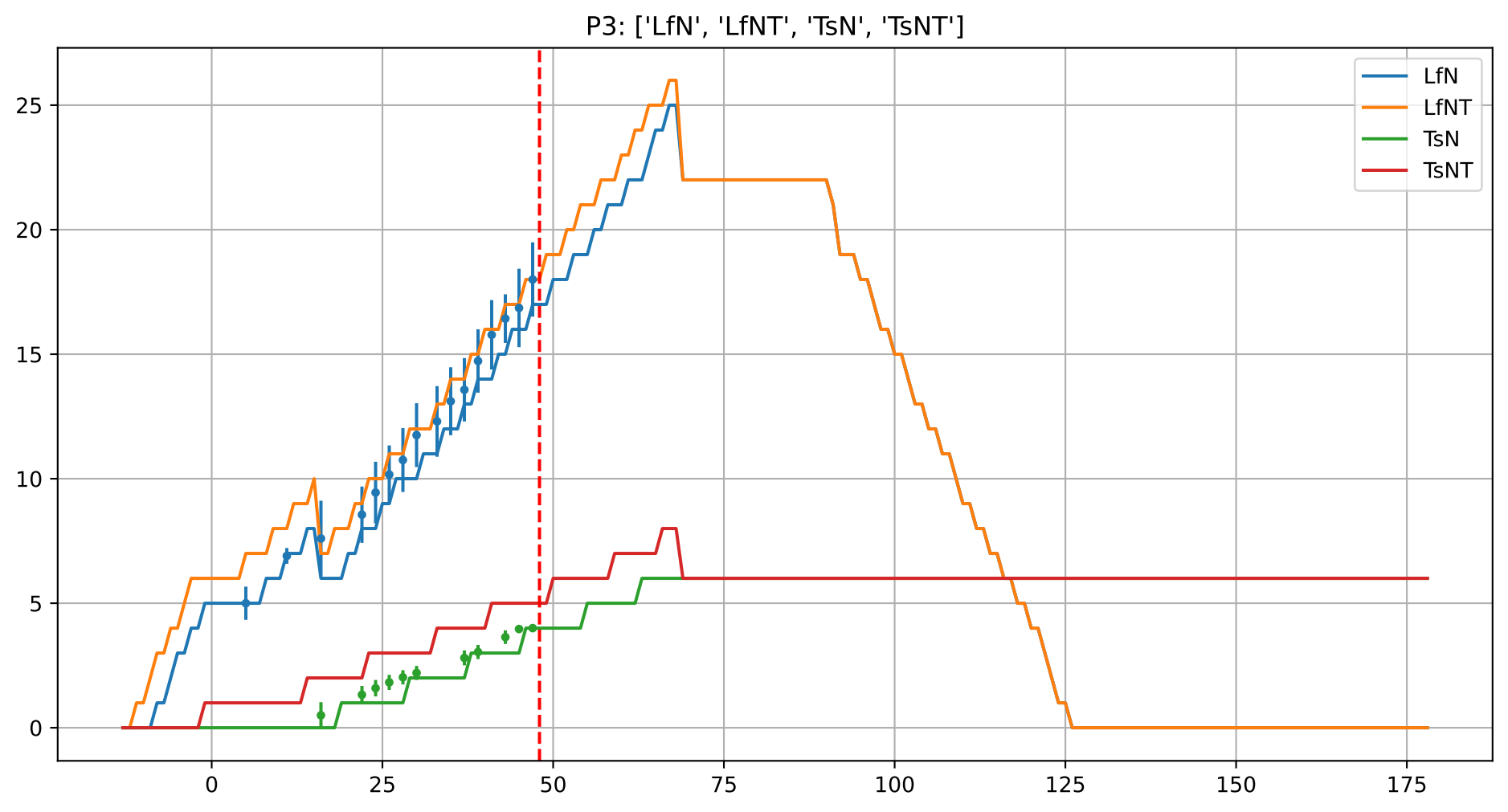
P3: ['PAT', 'RmT', 'CST']

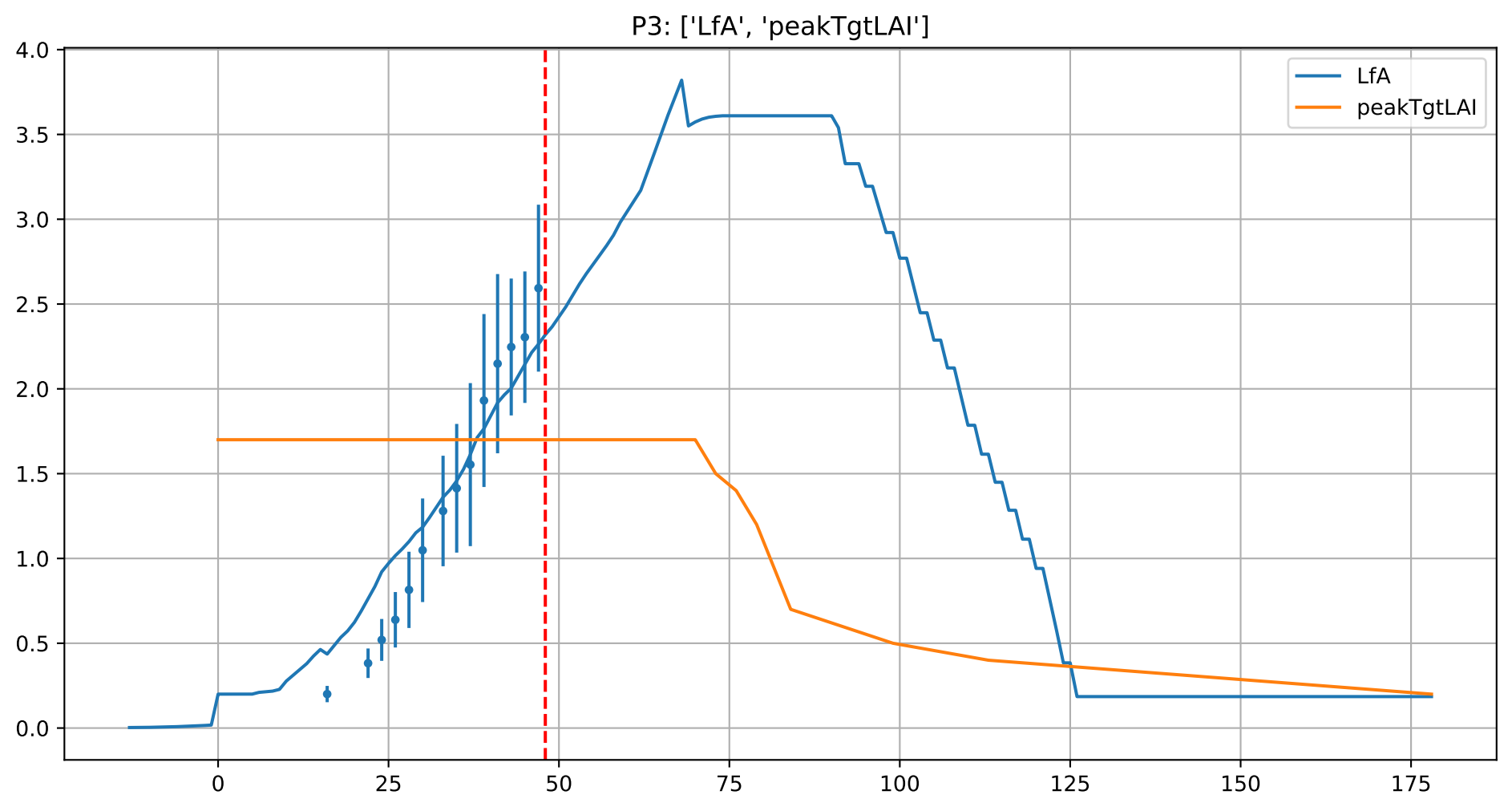


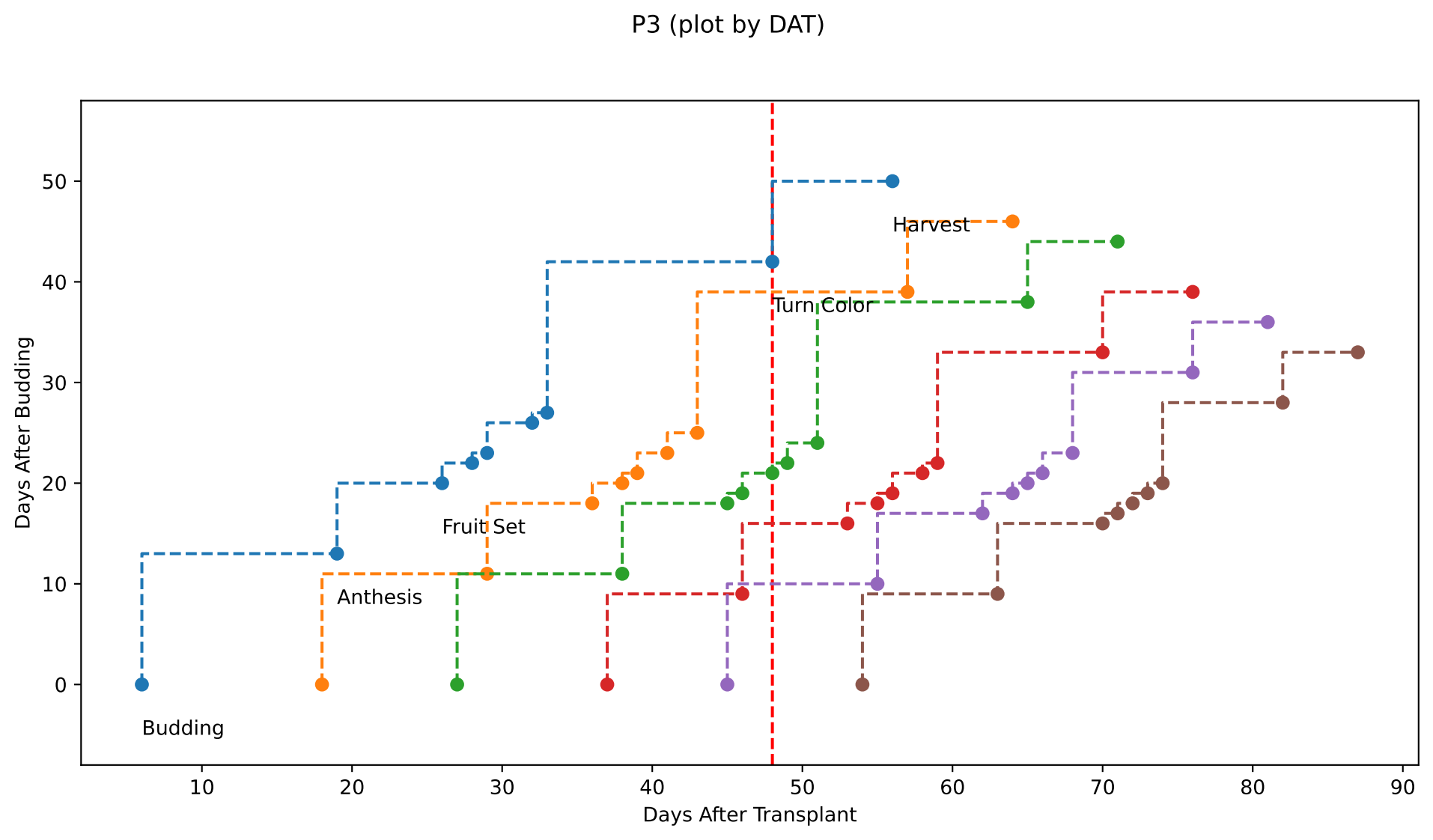
P3: ['CST', 'CDT', 'TtDW', 'TtDWH']

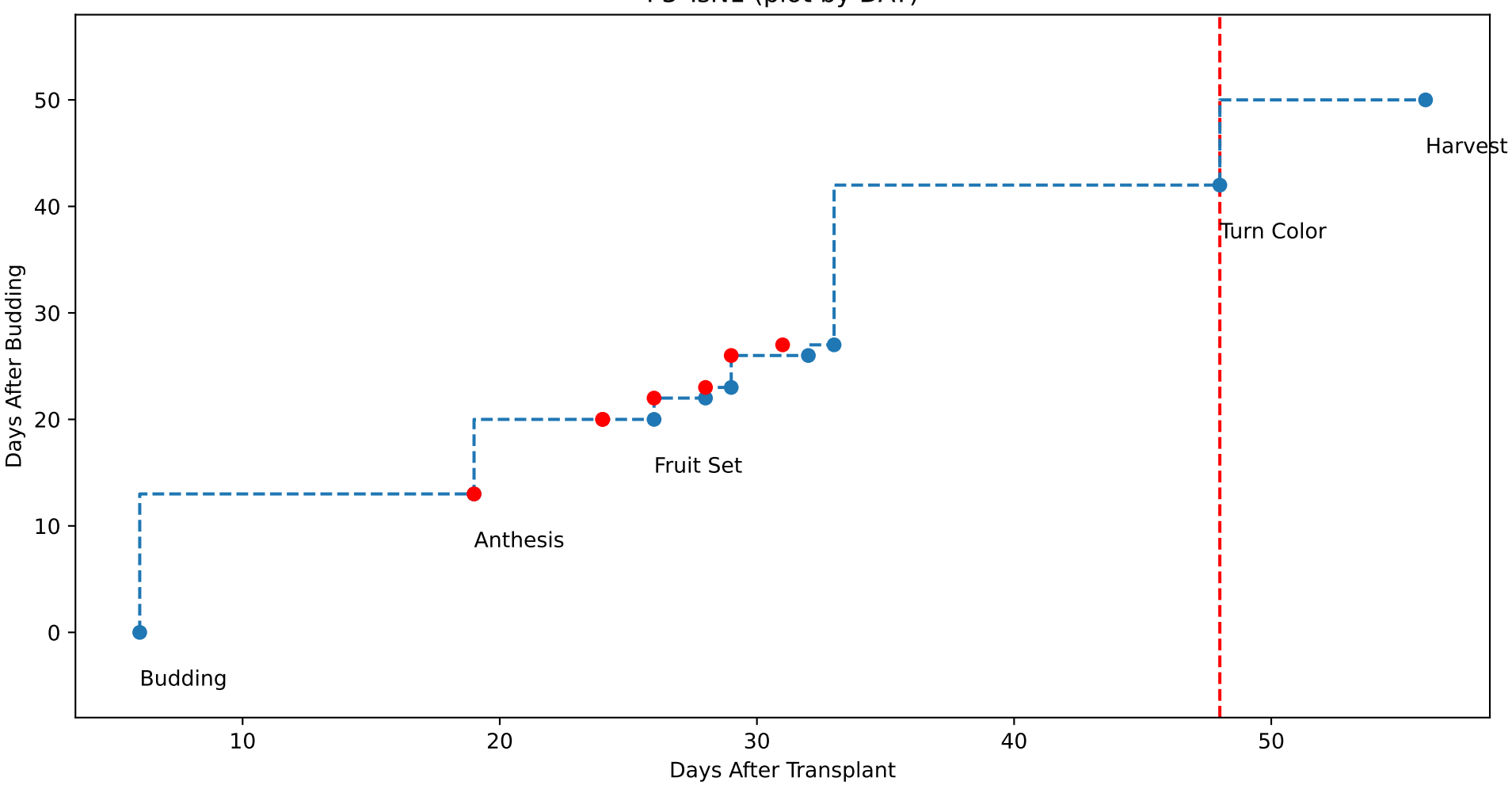


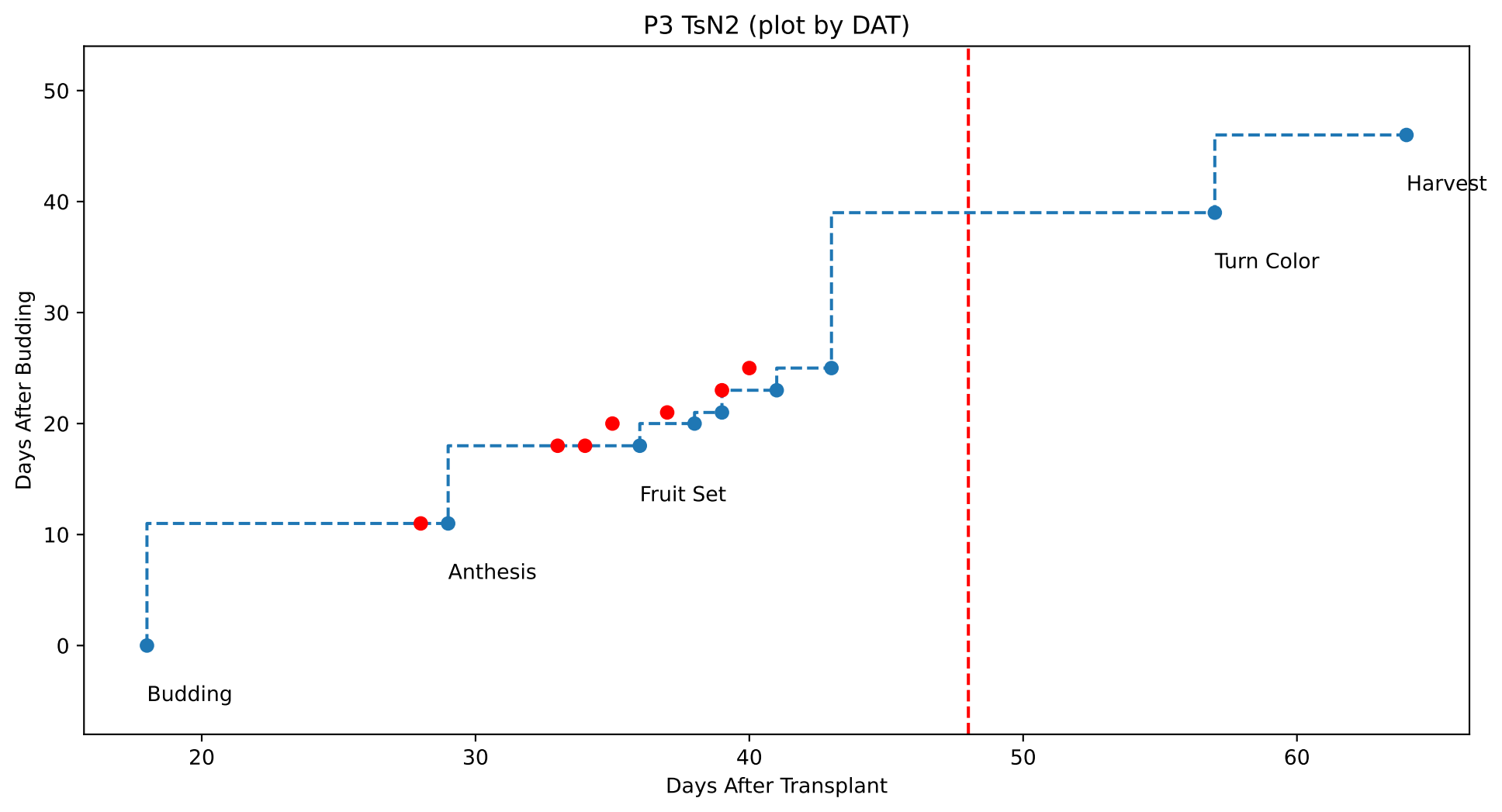

P3: ['LfN', 'NdN', 'TsN', 'tgtLfN', 'prunLfN']
LfN
NdN
TsN
tgtLfN
prunLfN
35
30
25
20
15
10
5
0
0
25
50
75
100
125
150
175

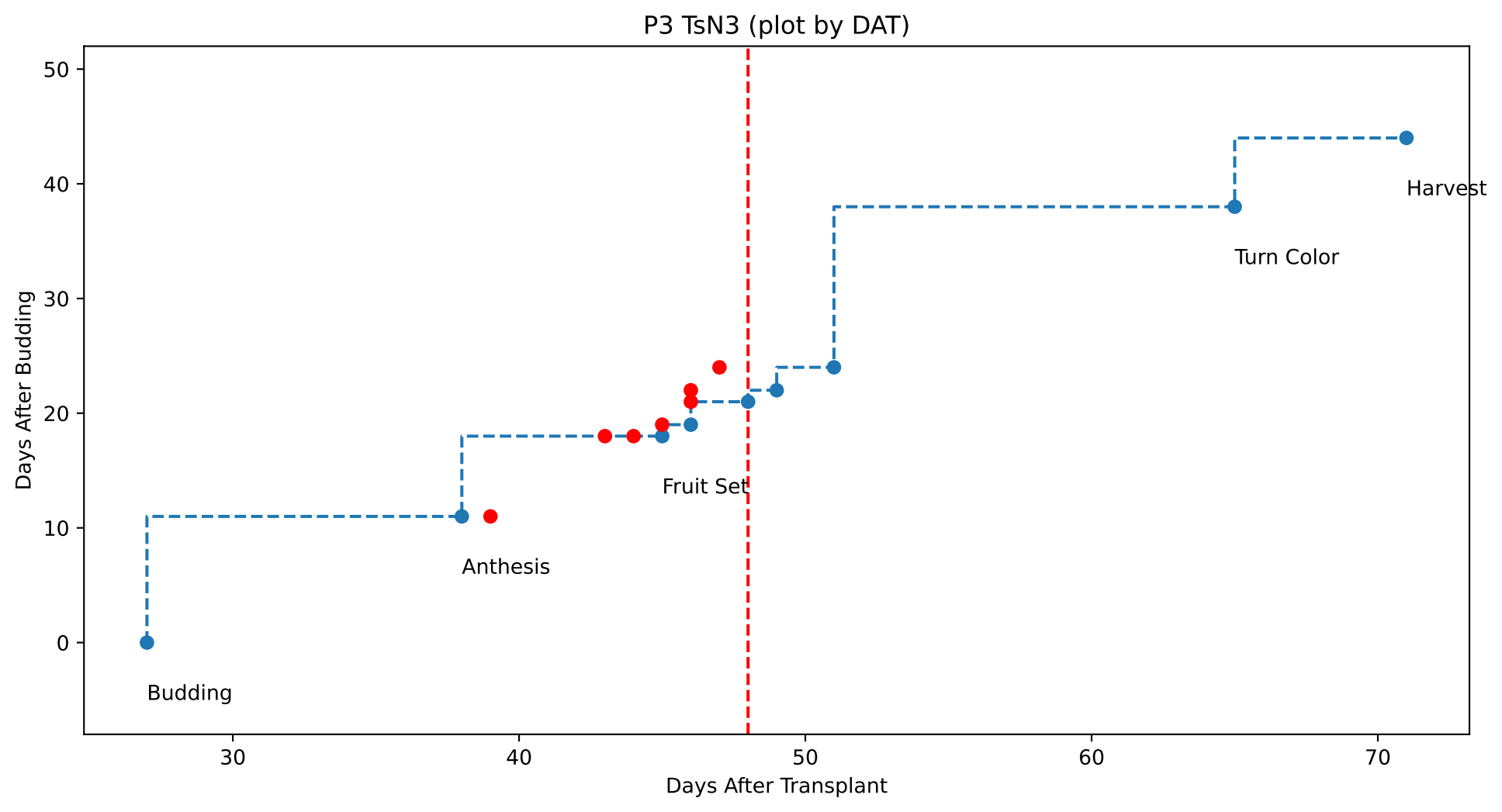

P3: ['LfN', 'LfNT', 'TsN', 'TsNT']
LfN
LfNT
TsN
TsNT
25
20
15
10
5
0
0
25
50
75
100
125
150
175

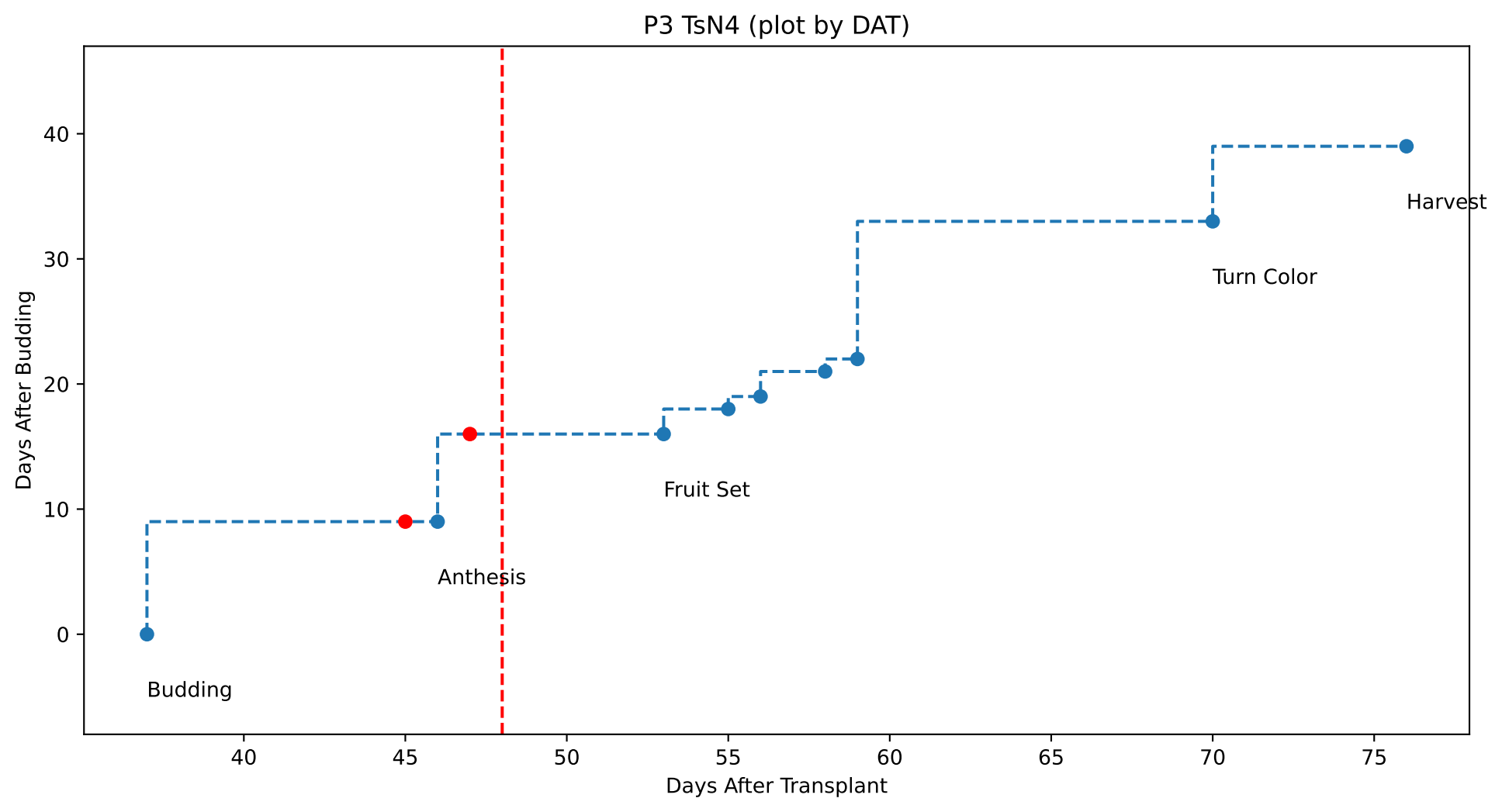

P3: ['LfA', 'peakTgtLAI']
LfA
peakTgtLAI
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
25
50
75
100
125
150
175

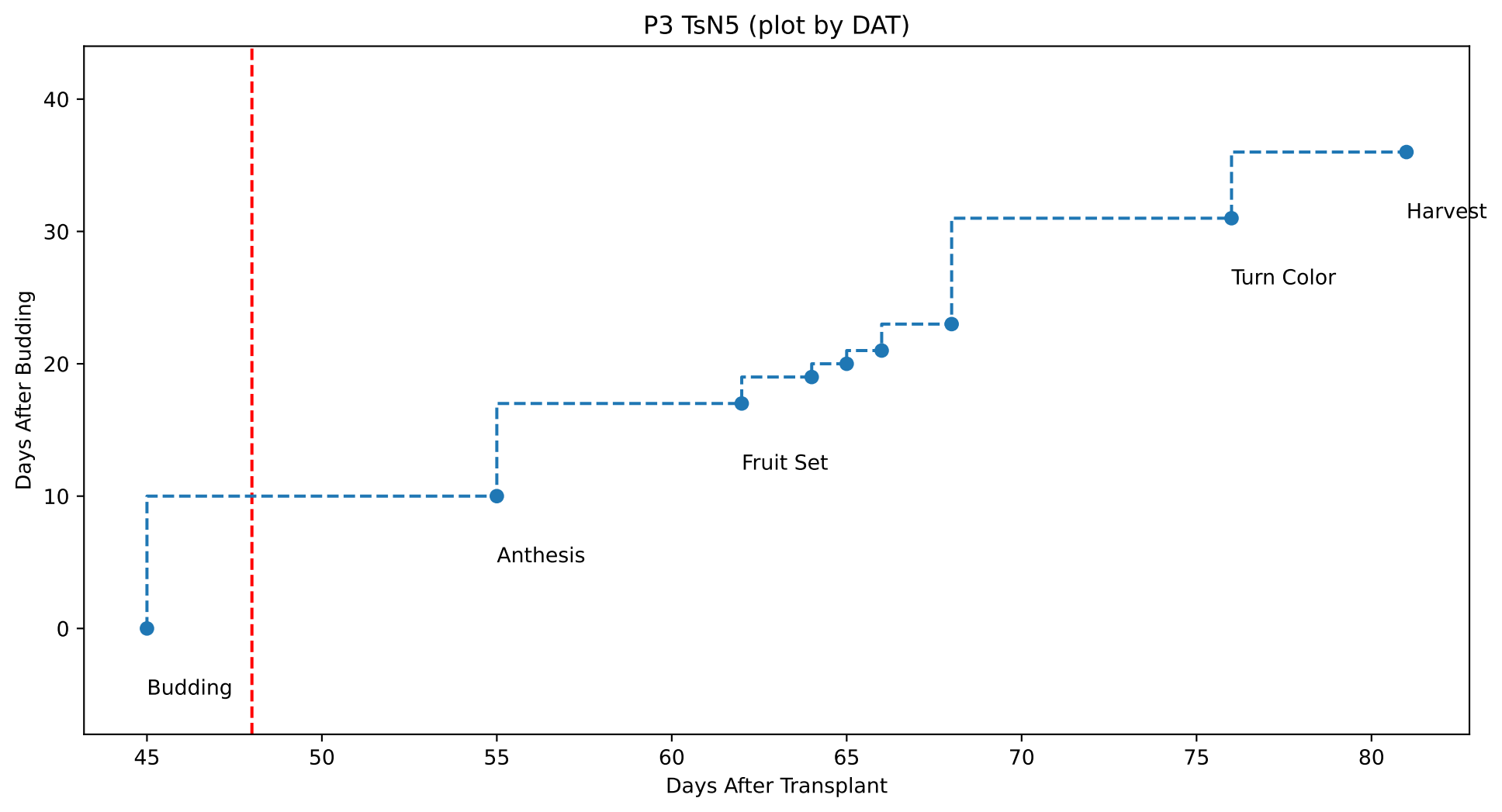

P3 (plot by DAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
10
20
30
40
50
10
20
30
40
50
60
70
80
90

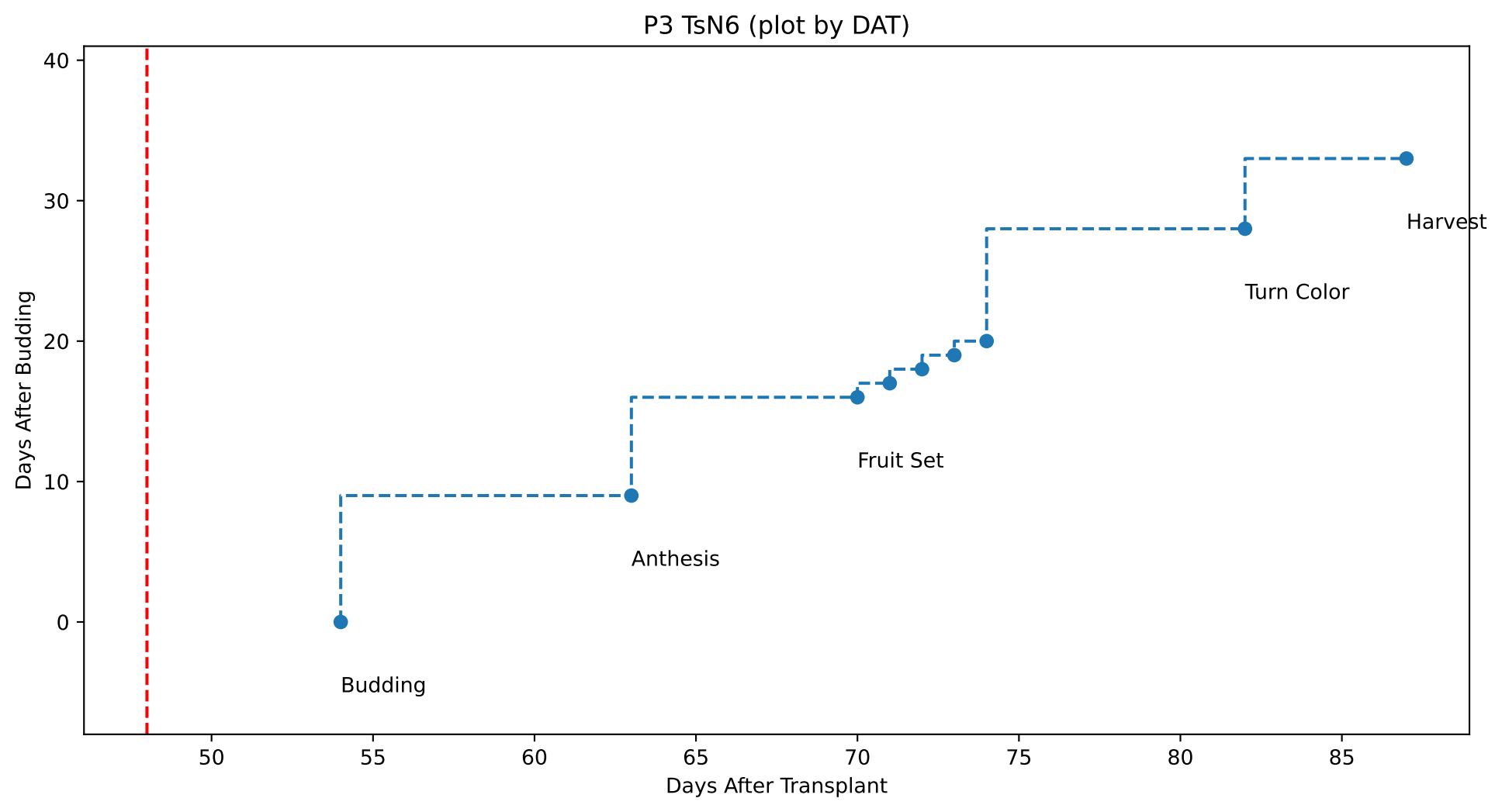

P3 TsN1 (plot by DAT)
Days After Budding
Days After Transplant
0
10
20
30
40
50
10
20
30
40
50
Budding
Anthesis
Fruit Set
Turn Color
Harvest

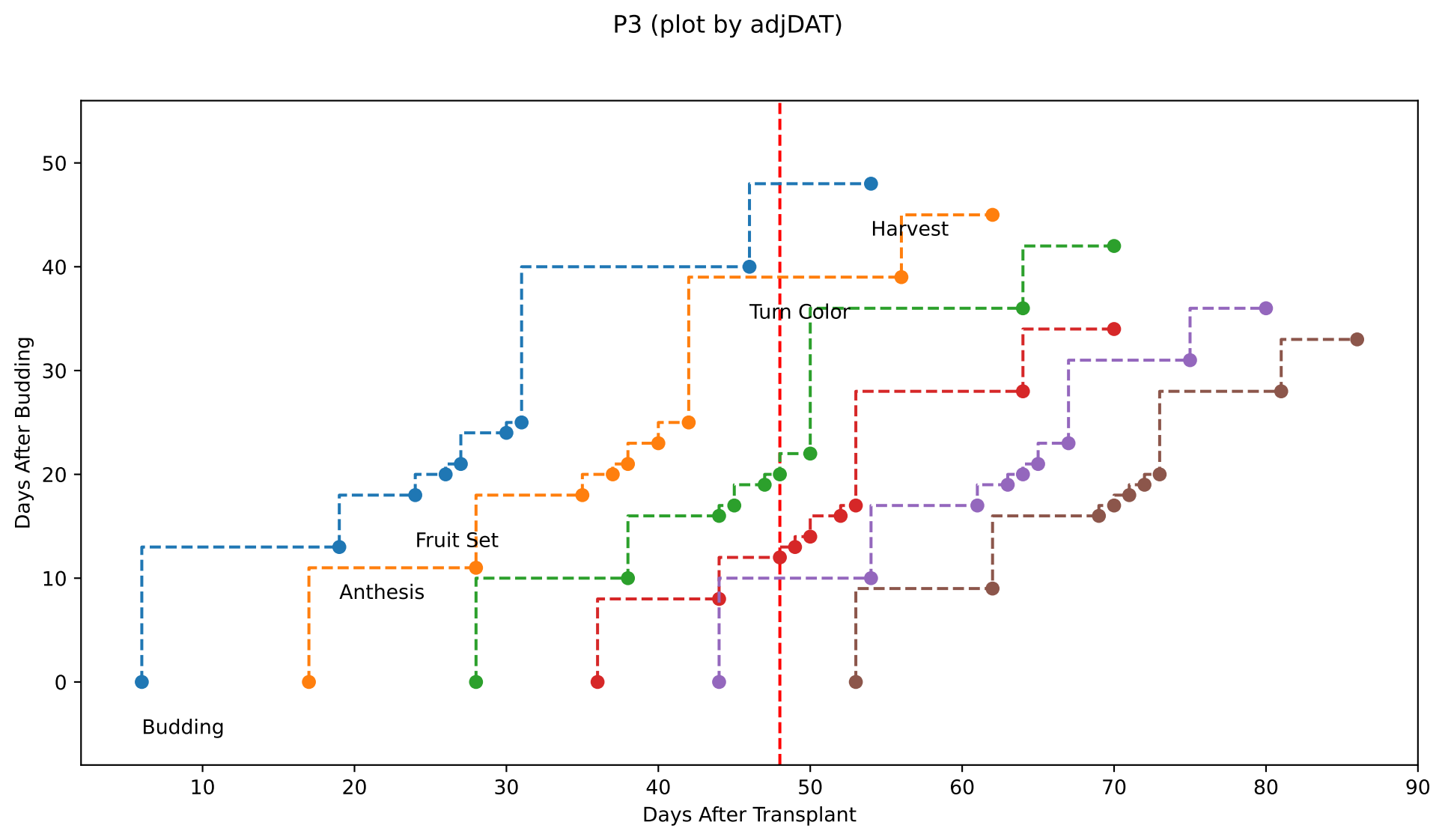

P3 TsN2 (plot by DAT)
Days After Budding
Days After Transplant
0
10
20
30
40
50
20
30
40
50
60
Budding
Anthesis
Fruit Set
Turn Color
Harvest

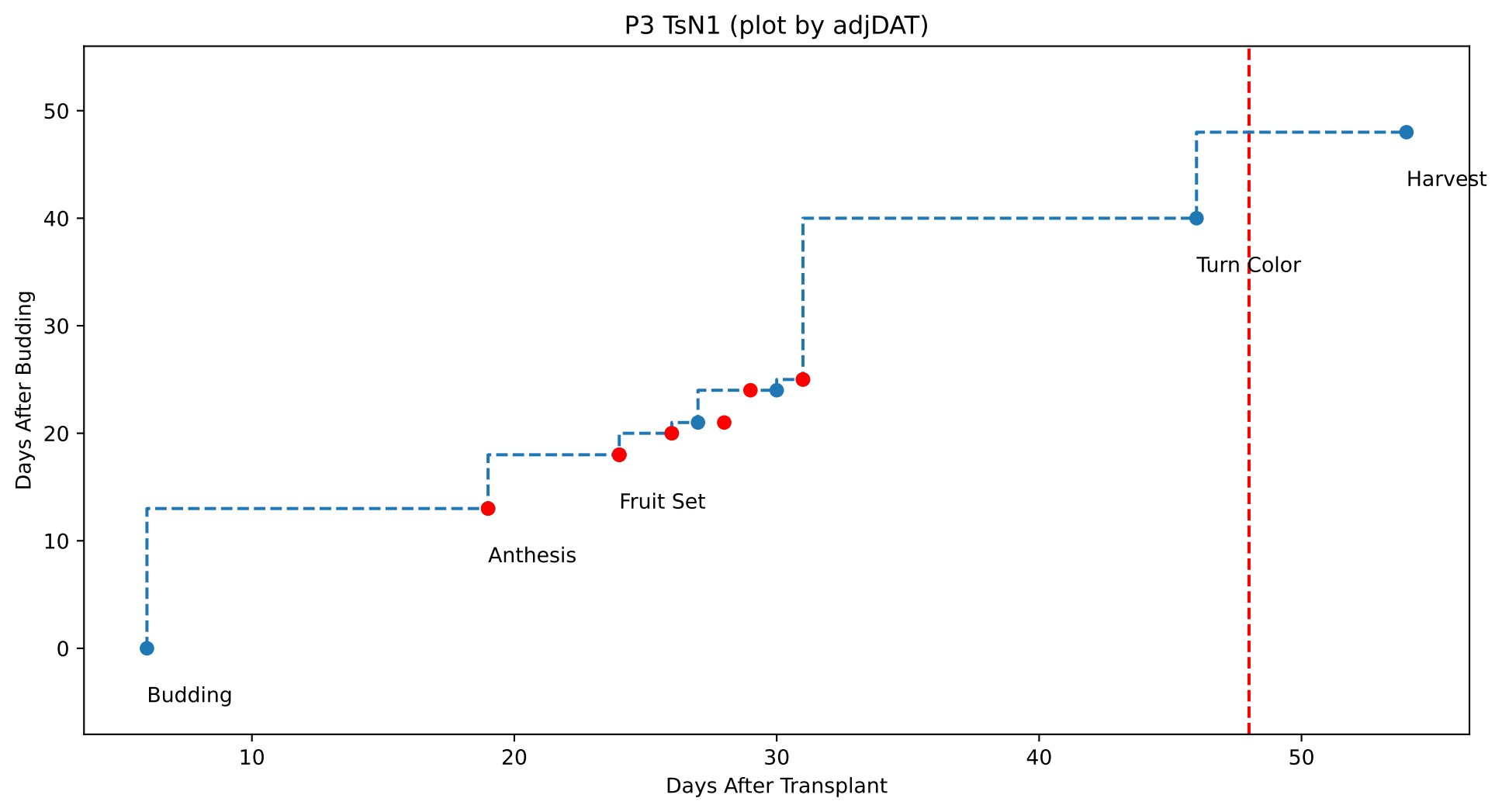

P3 TsN3 (plot by DAT)
Days After Budding
Days After Transplant
50
40
30
20
10
0
30
40
50
60
70
Budding
Anthesis
Fruit Set
Turn Color
Harvest

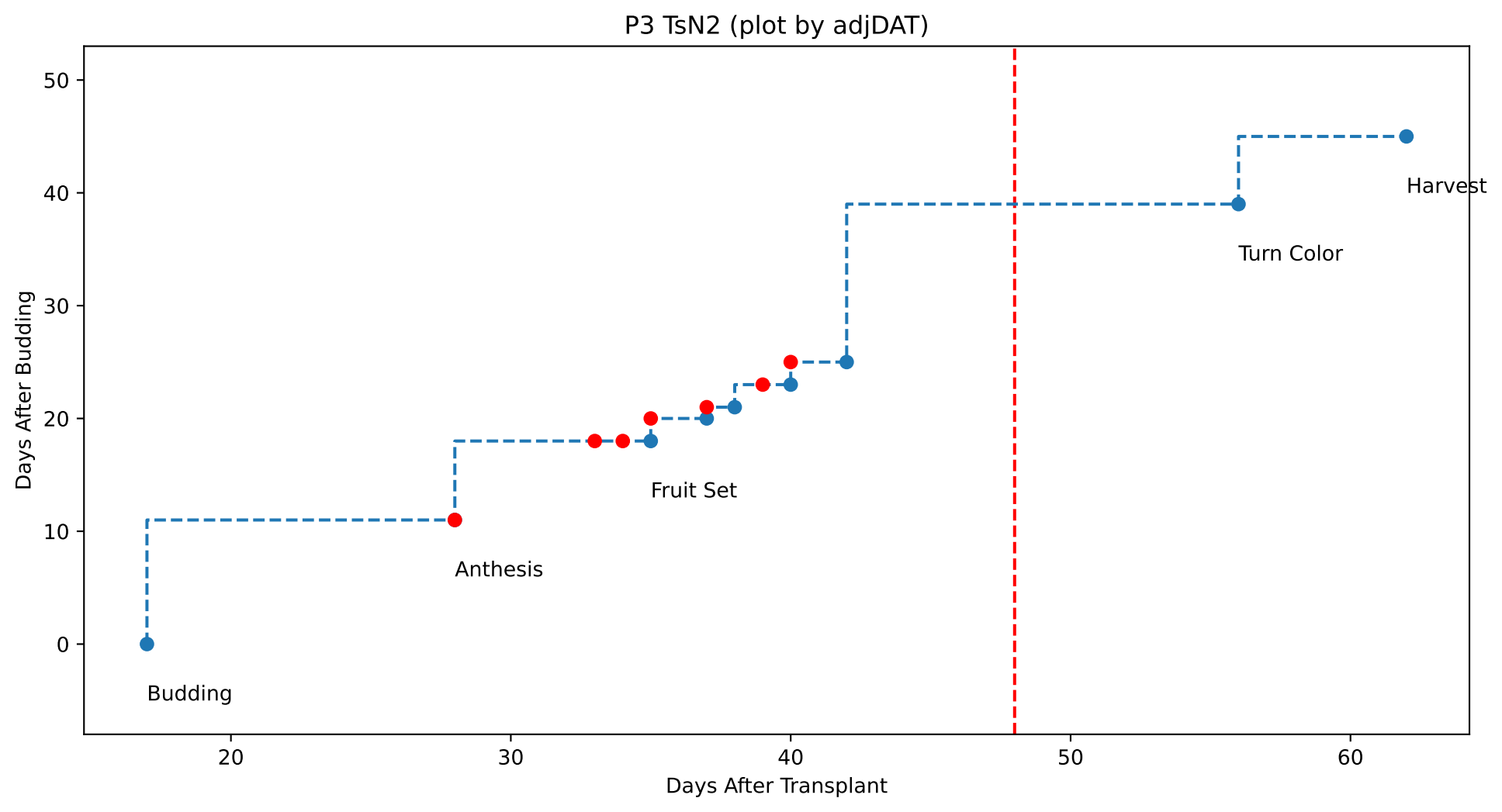

P3 TsN4 (plot by DAT)
Days After Budding
Days After Transplant
0
10
20
30
40
40
45
50
55
60
65
70
75
Budding
Anthesis
Fruit Set
Turn Color
Harvest

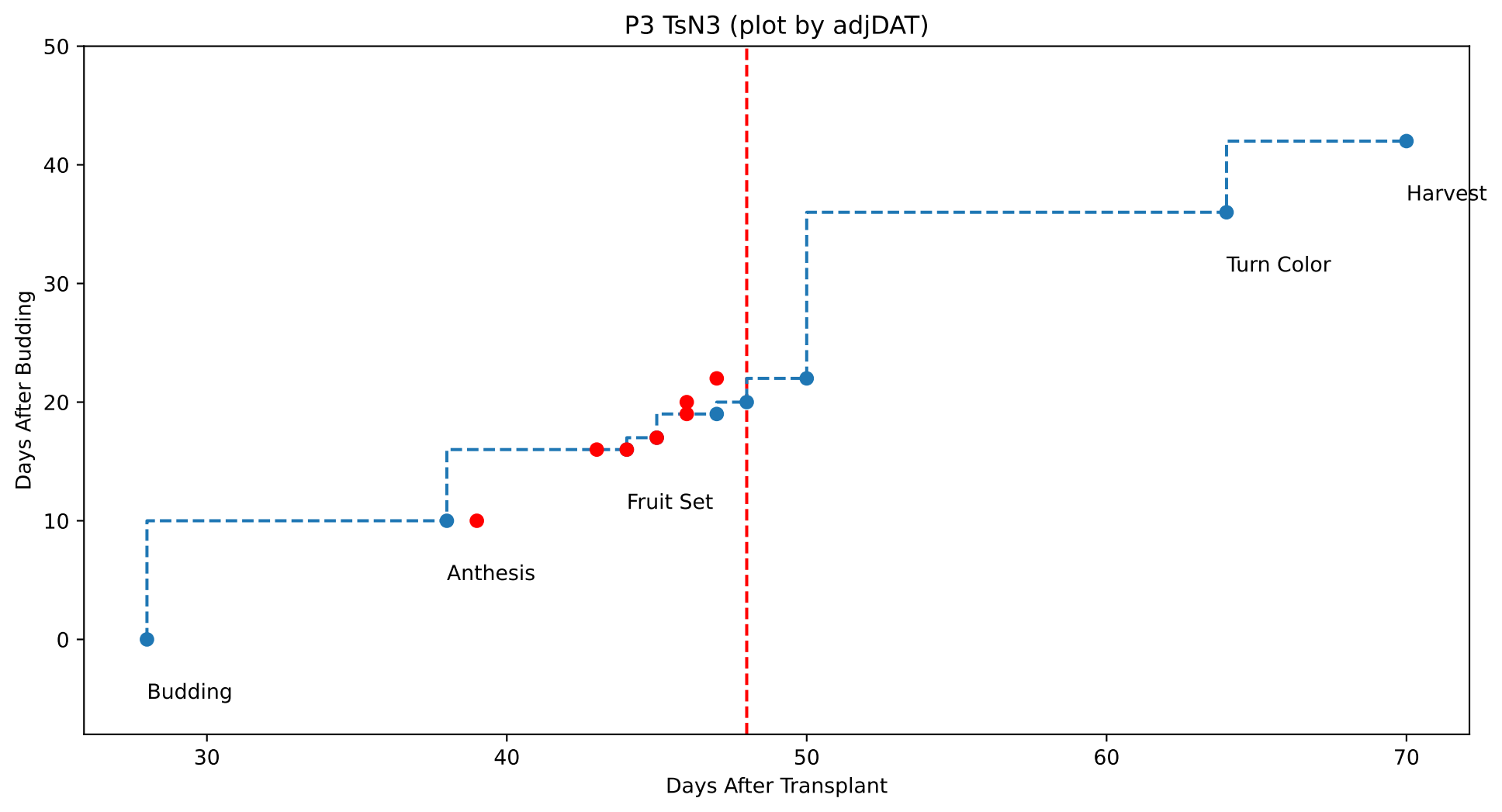

P3 TsN5 (plot by DAT)
Days After Budding
Days After Transplant
0
10
20
30
40
45
50
55
60
65
70
75
80
Budding
Anthesis
Fruit Set
Turn Color
Harvest

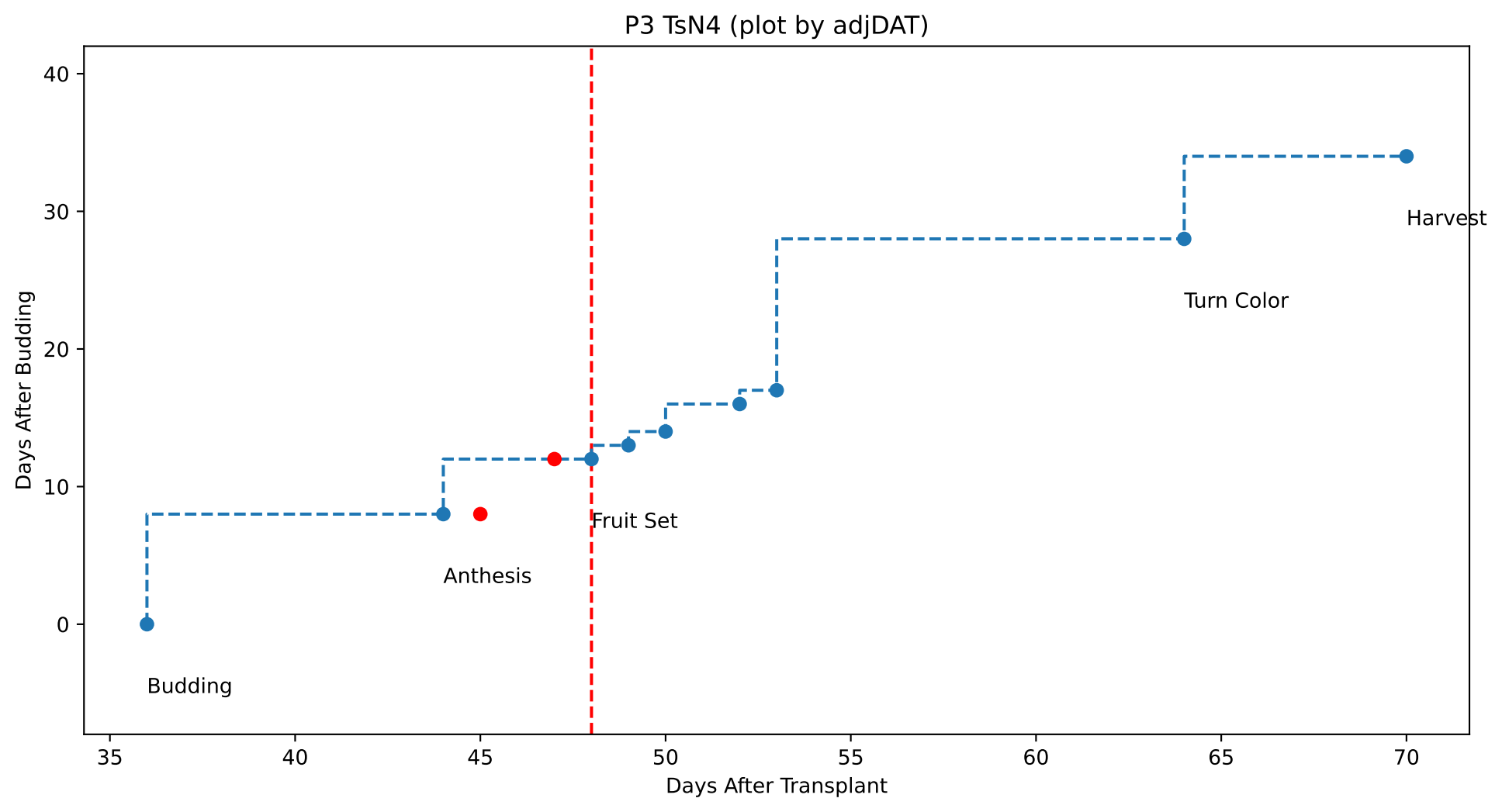

P3 TsN6 (plot by DAT)
Days After Budding
Days After Transplant
40
30
20
10
0
50
55
60
65
70
75
80
85
Budding
Anthesis
Fruit Set
Turn Color
Harvest

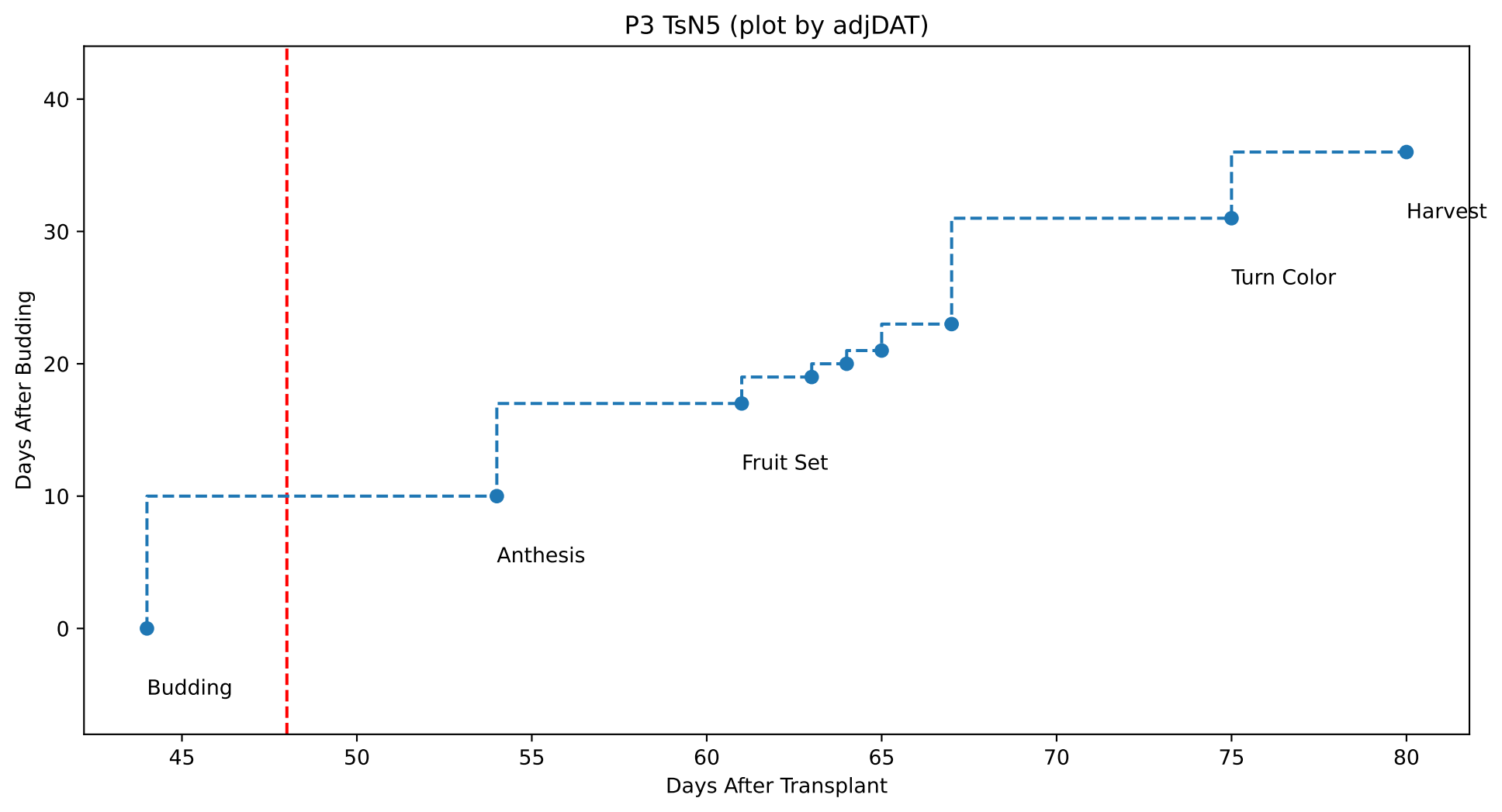

P3 (plot by adjDAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
10
20
30
40
50
10
20
30
40
50
60
70
80
90

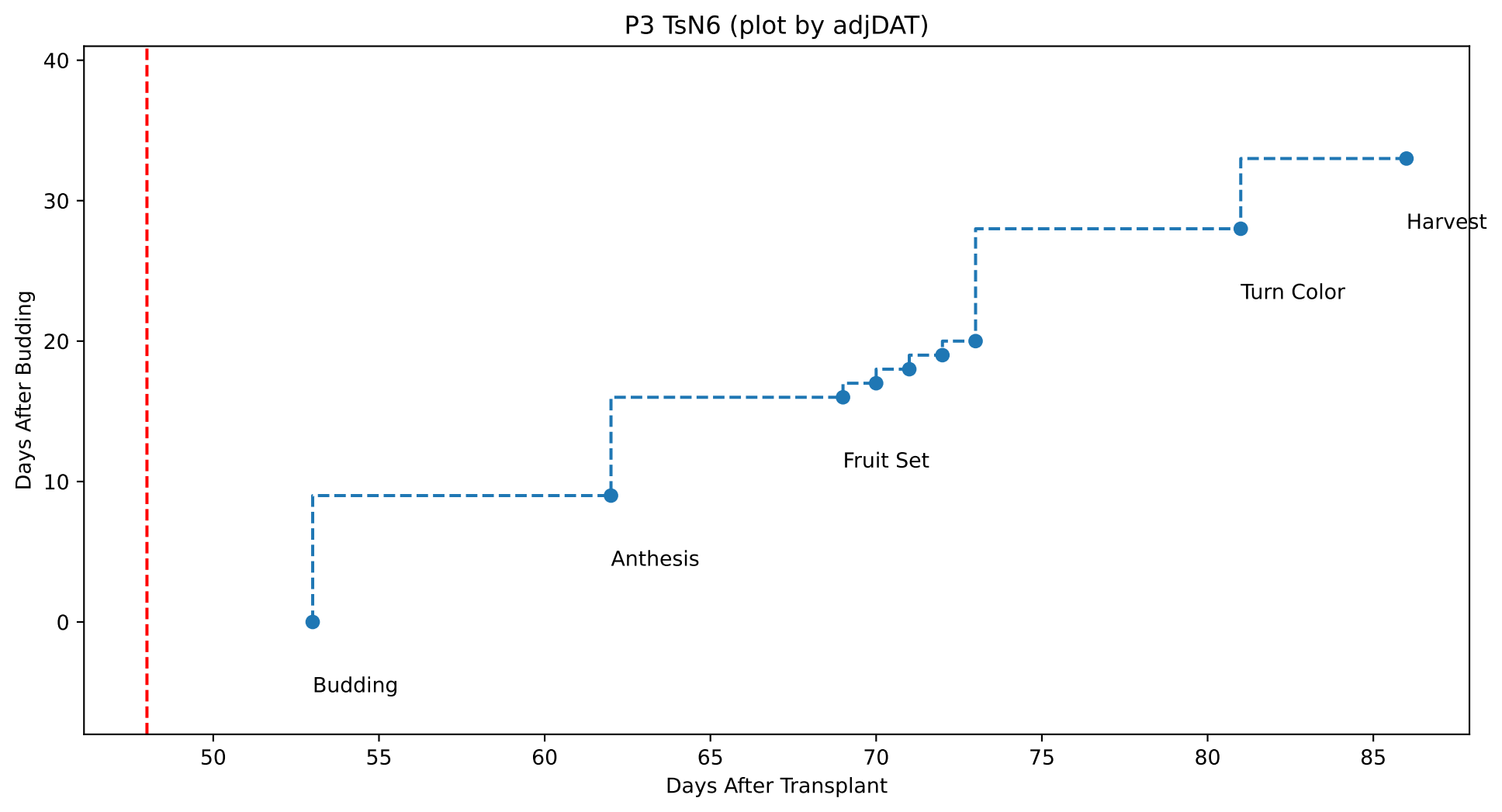

P3 TsN1 (plot by adjDAT)
Days After Budding
Days After Transplant
0
10
20
30
40
50
10
20
30
40
50
Budding
Anthesis
Fruit Set
Turn Color
Harvest

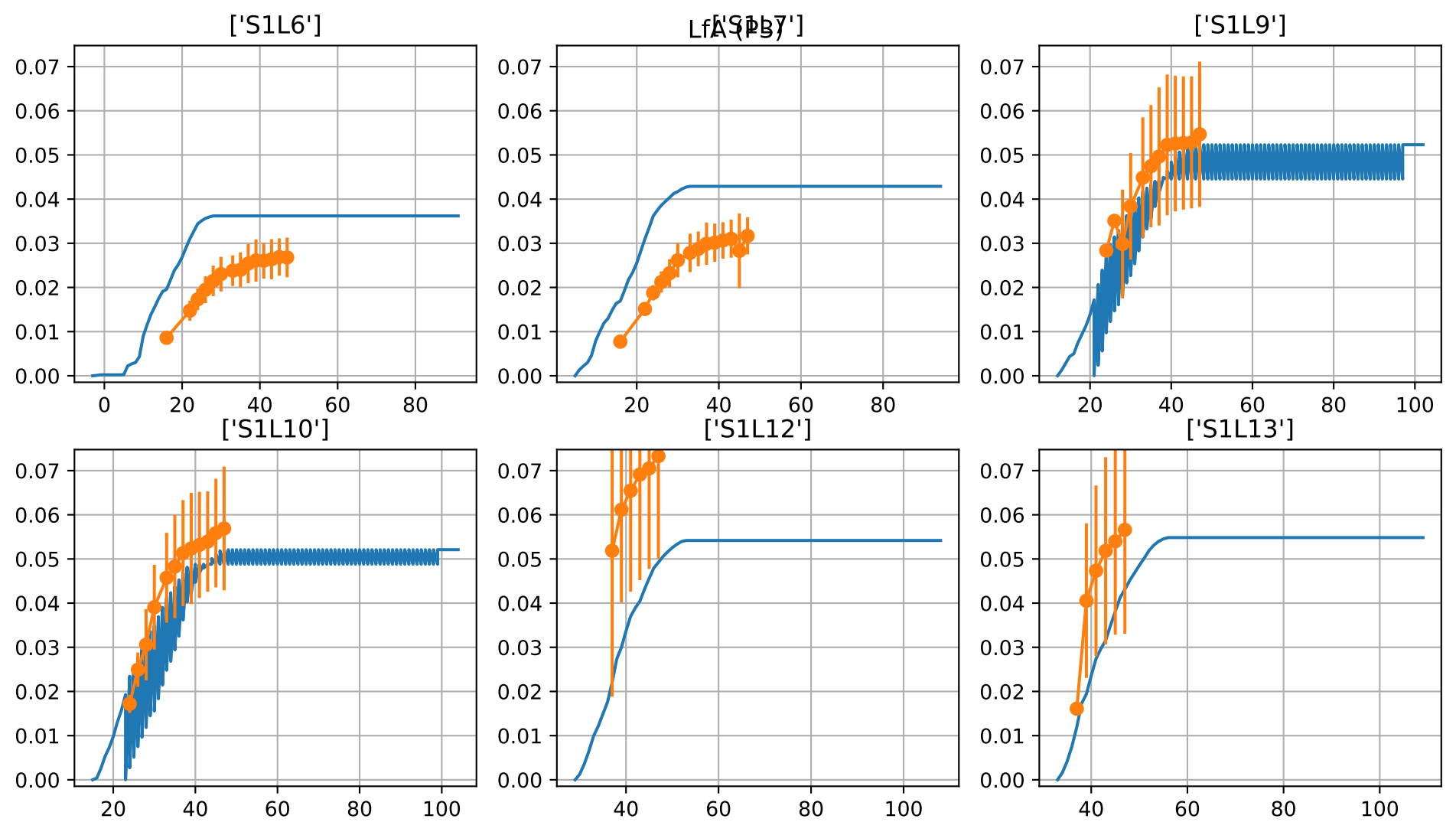

P3 TsN2 (plot by adjDAT)
Days After Budding
Days After Transplant
50
40
30
20
10
0
20
30
40
50
60
Budding
Anthesis
Fruit Set
Turn Color
Harvest

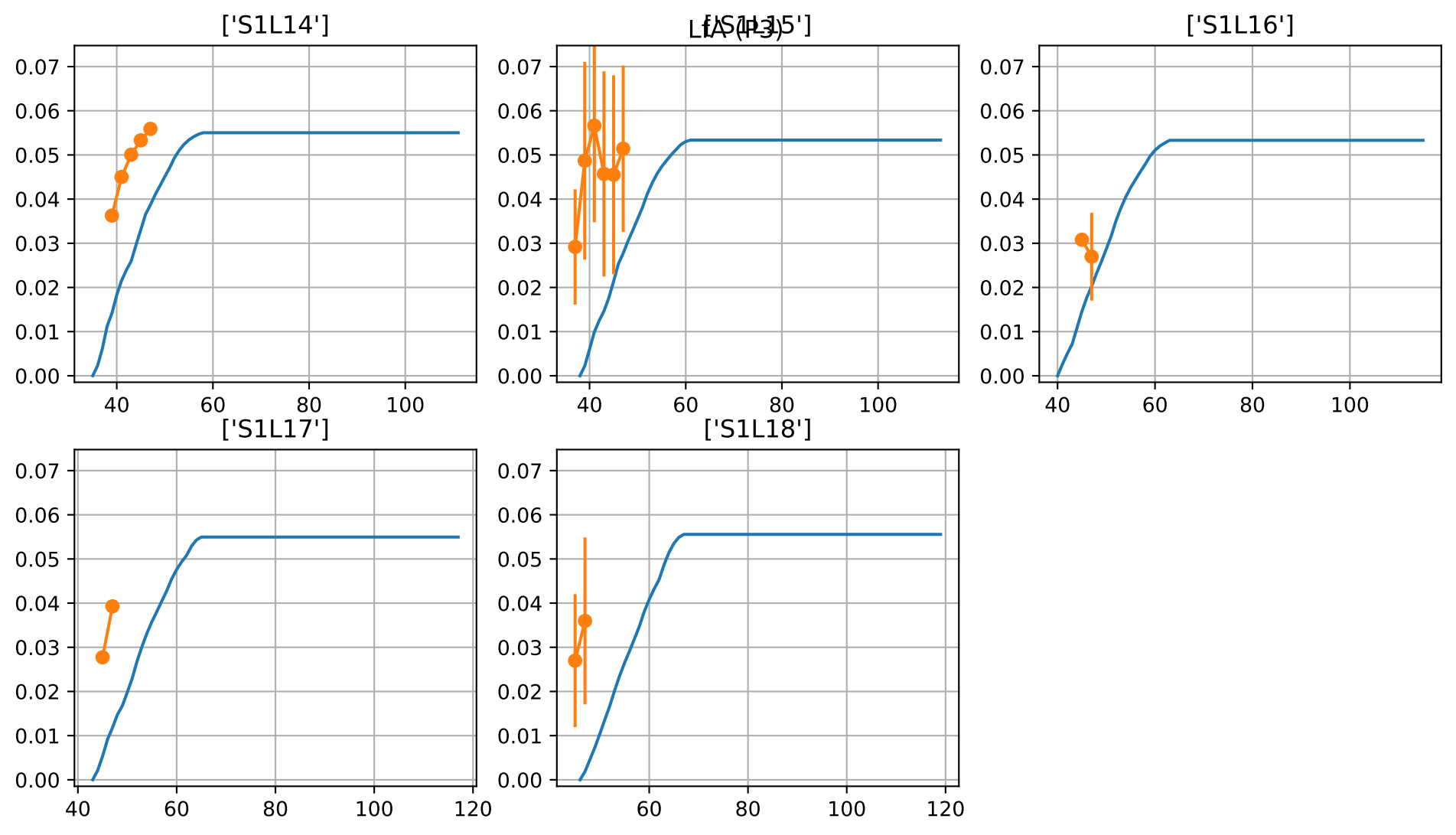

P3 TsN3 (plot by adjDAT)
Days After Budding
Days After Transplant
50
40
30
20
10
0
30
40
50
60
70
Budding
Anthesis
Fruit Set
Turn Color
Harvest

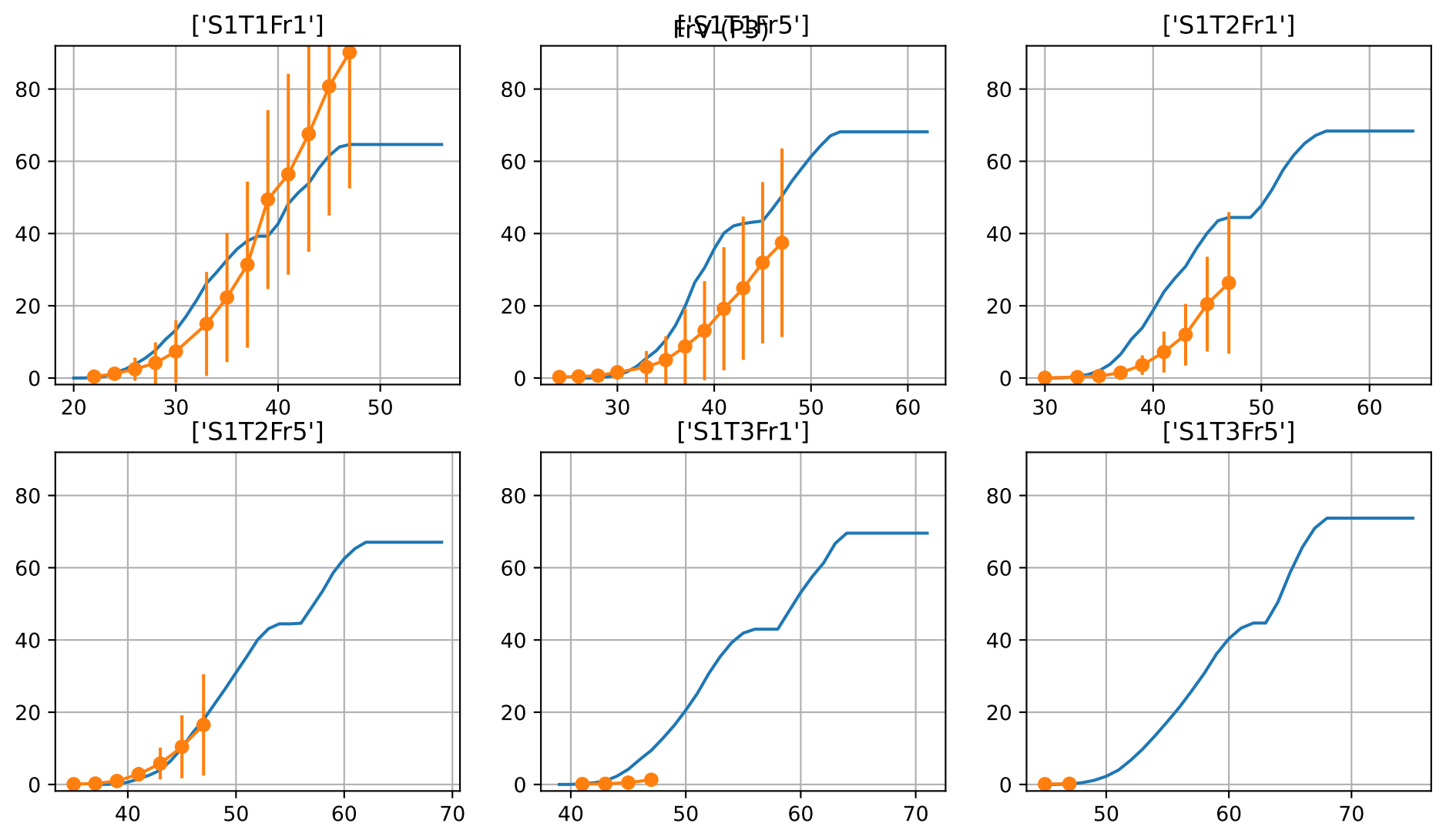

P3 TsN4 (plot by adjDAT)
Days After Budding
Days After Transplant
40
30
20
10
0
35
40
45
50
55
60
65
70
Budding
Anthesis
Fruit Set
Turn Color
Harvest

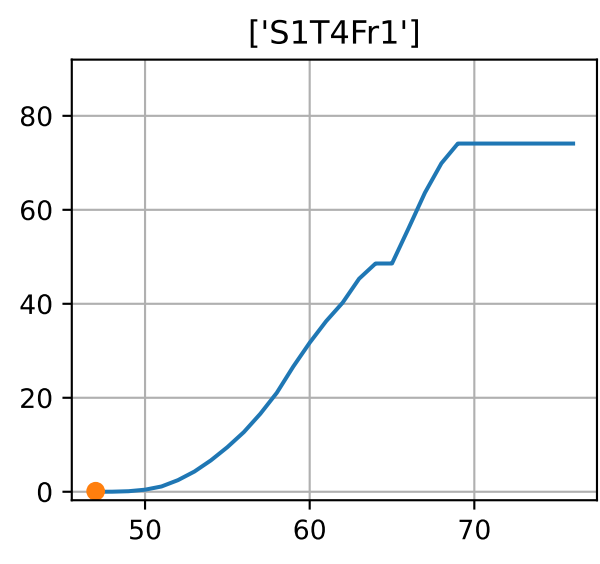

P3 TsN5 (plot by adjDAT)
Days After Budding
Days After Transplant
40
30
20
10
0
45
50
55
60
65
70
75
80
Budding
Anthesis
Fruit Set
Turn Color
Harvest


P3 TsN6 (plot by adjDAT)
Days After Budding
Days After Transplant
40
30
20
10
0
50
55
60
65
70
75
80
85
Budding
Anthesis
Fruit Set
Turn Color
Harvest

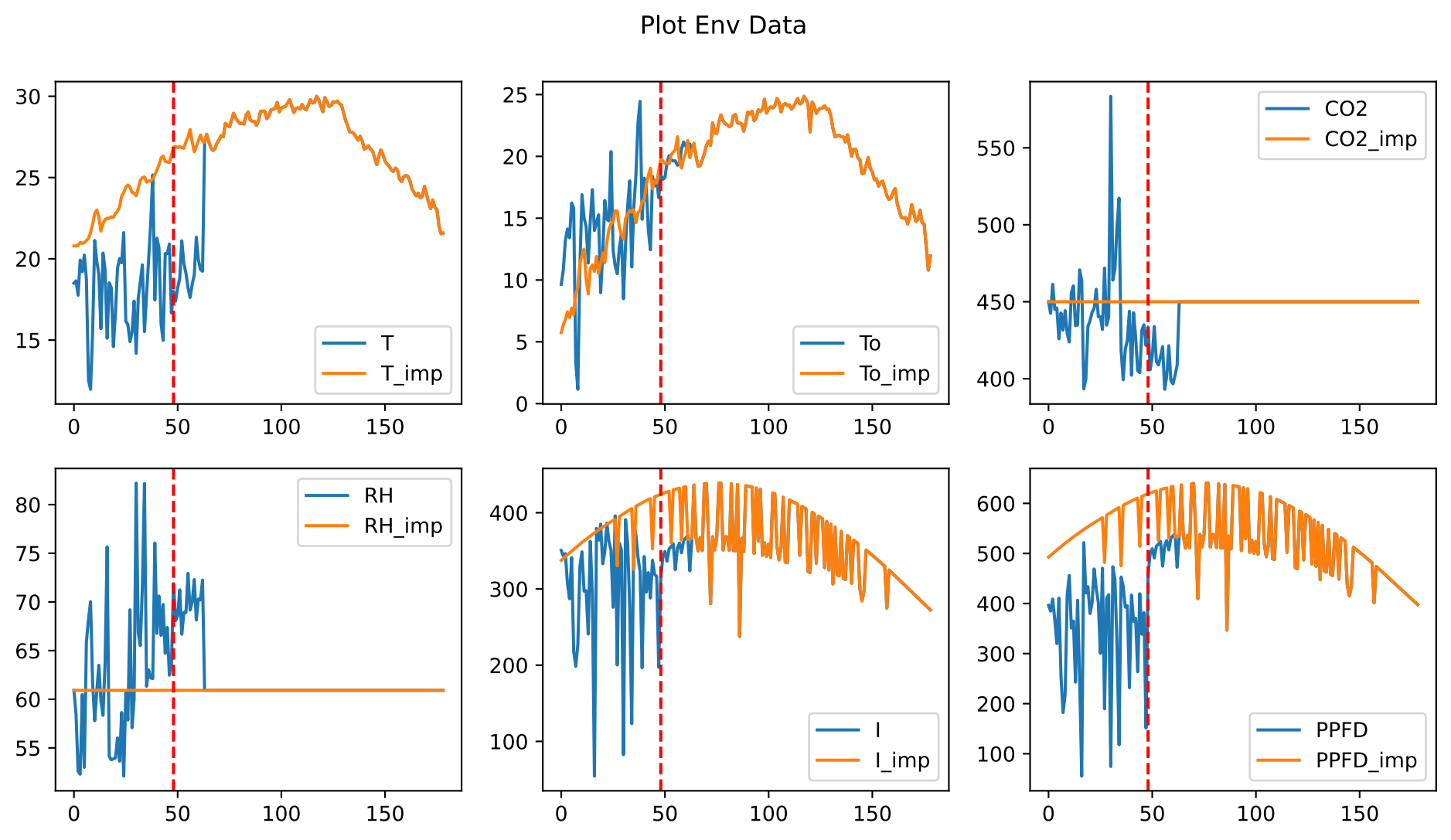

['S1L6']
['S1L7']
['S1L9']
['S1L10']
['S1L12']
['S1L13']

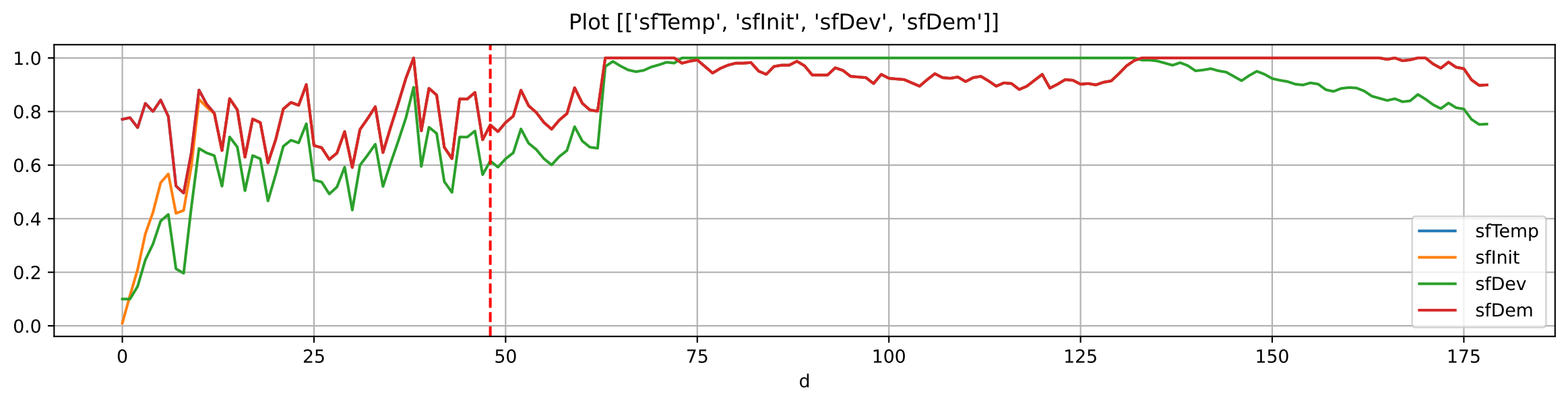

['S1L14']
['S1L15']
['S1L16']
['S1L17']
['S1L18']
LfA (P3)
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
40
60
80
100
120

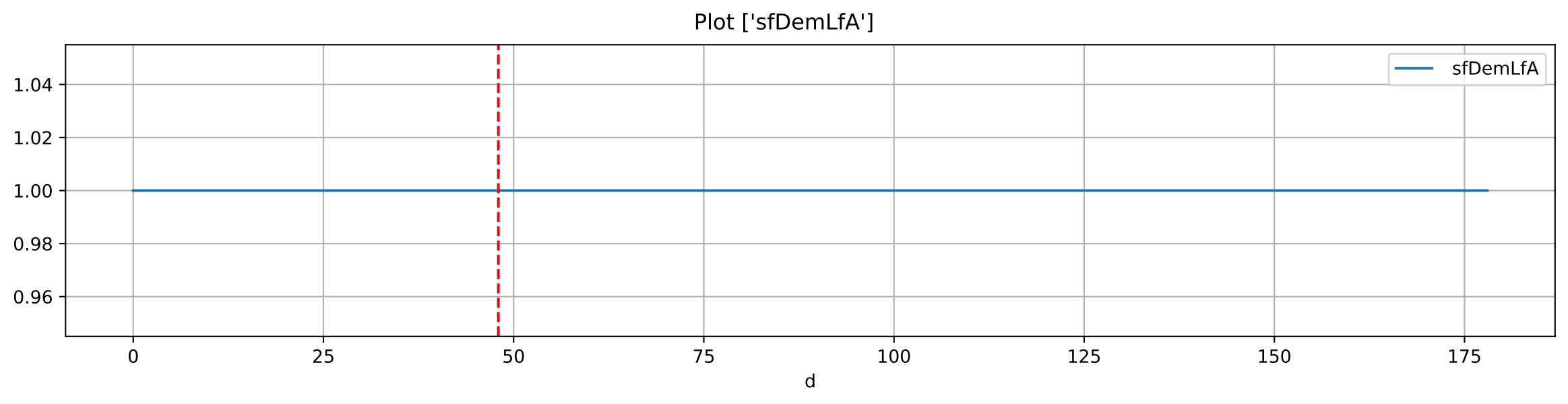

['S1T1Fr1']
['S1T1Fr5']
['S1T2Fr1']
['S1T2Fr5']
['S1T3Fr1']
['S1T3Fr5']

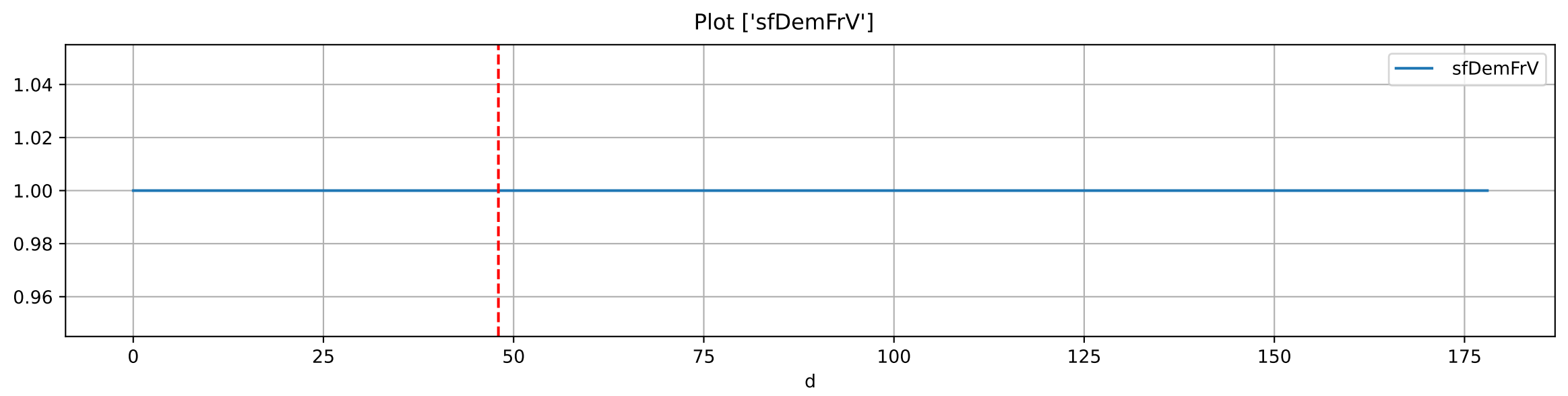


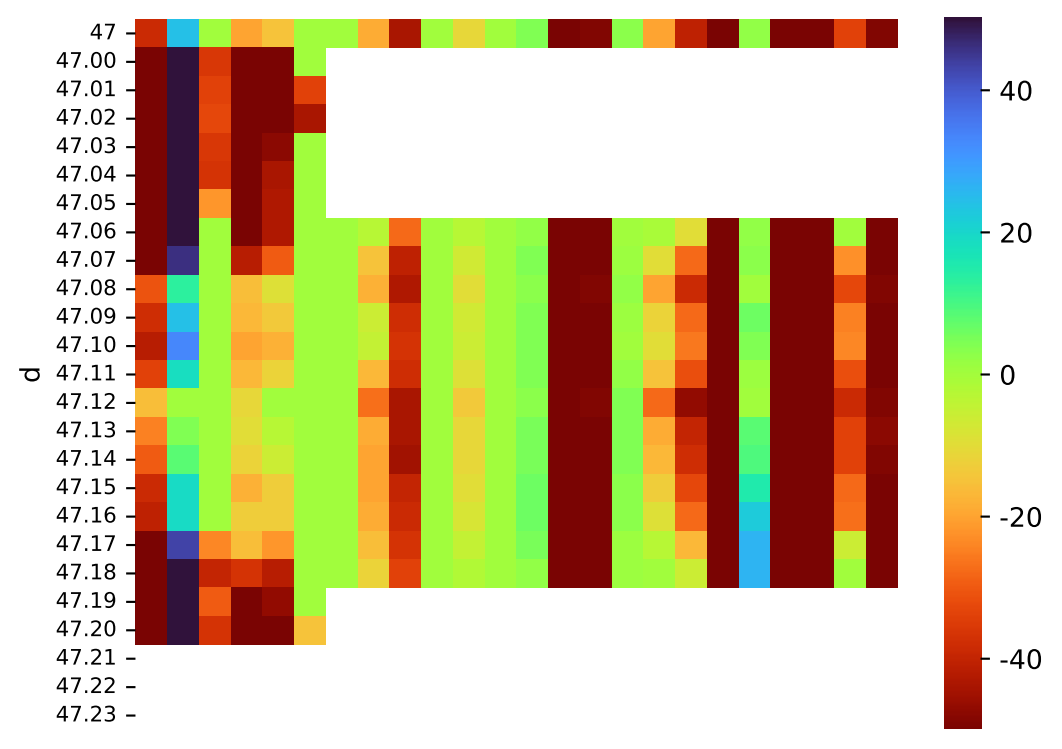
FrV (P3)


Plot Env Data
T
T_imp
To
To_imp
CO2
CO2_imp
RH
RH_imp
I
I_imp
PPFD
PPFD_imp

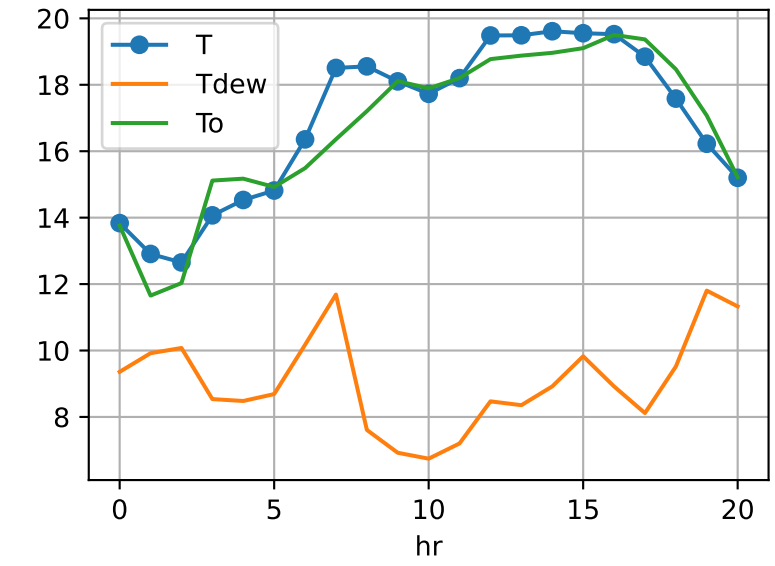

Plot [['sfTemp', 'sfInit', 'sfDev', 'sfDem']]
1.0
0.8
0.6
0.4
0.2
0.0
0
25
50
75
100
125
150
175
d
sfTemp
sfInit
sfDev
sfDem

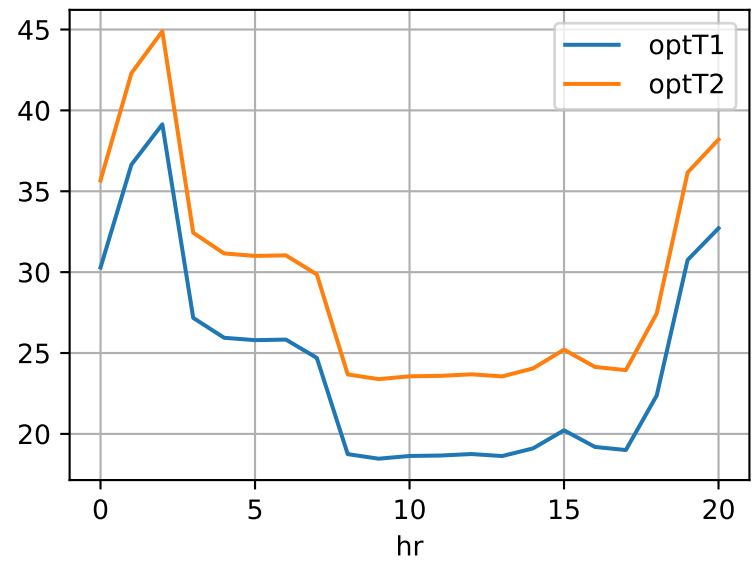

Plot ['sfDemLfA']
sfDemLfA
1.04
1.02
1.00
0.98
0.96
0
25
50
75
100
125
150
175
d

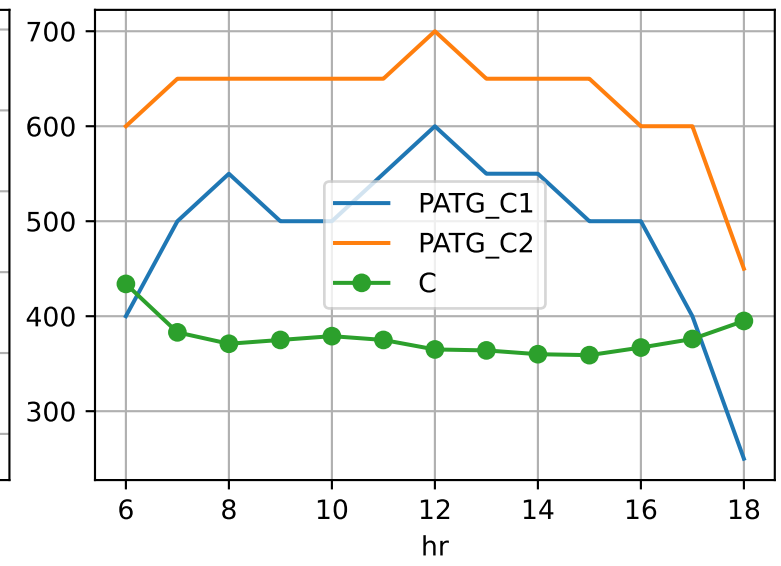

Plot ['sfDemFrV']
sfDemFrV
1.04
1.02
1.00
0.98
0.96
0
25
50
75
100
125
150
175
d

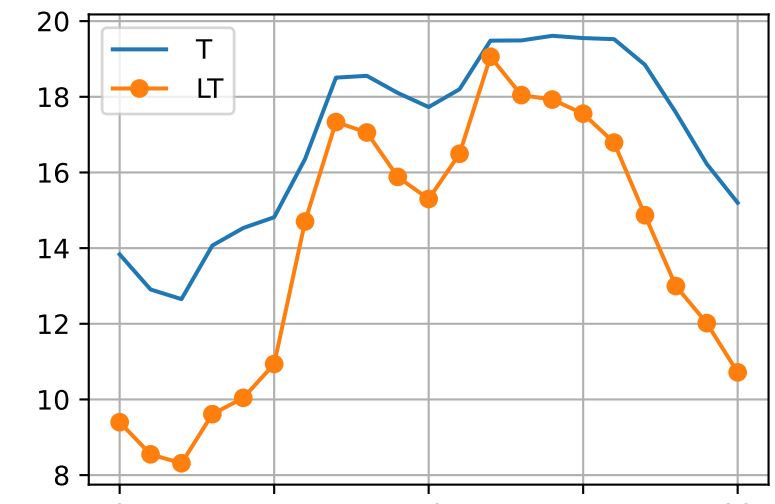

47
47.00
47.01
47.02
47.03
47.04
47.05
47.06
47.07
47.08
47.09
47.10
47.11
47.12
47.13
47.14
47.15
47.16
47.17
47.18
47.19
47.20
47.21
47.22
47.23
d
40
20
0
-20
-40

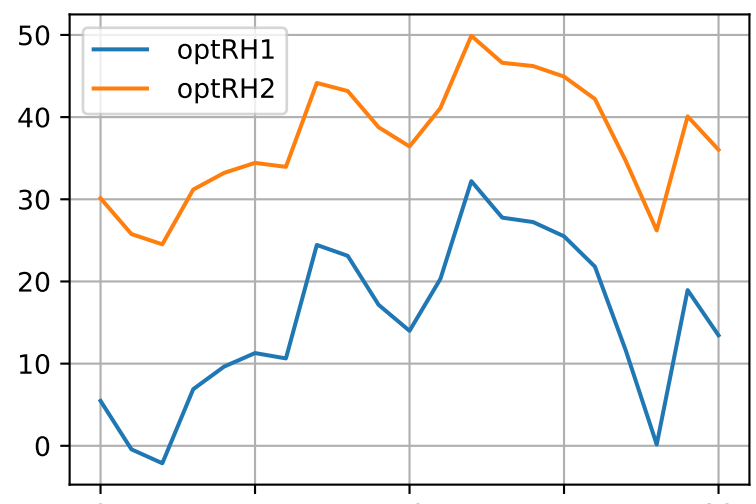
Plot EnvOpt Decision

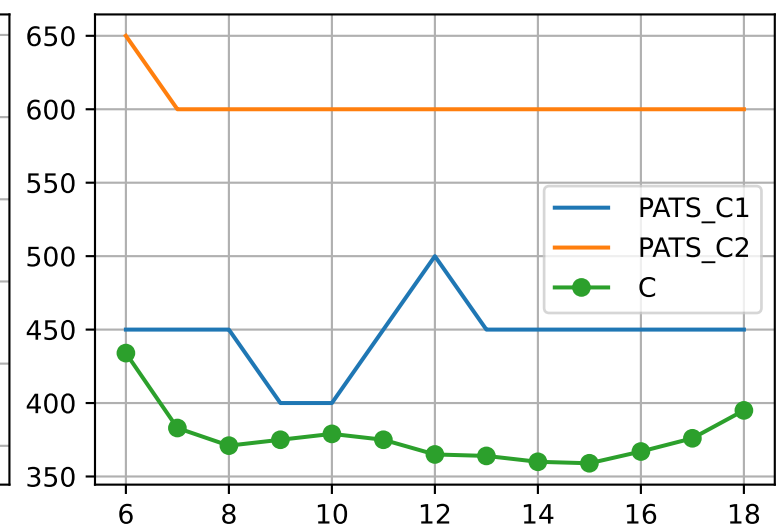


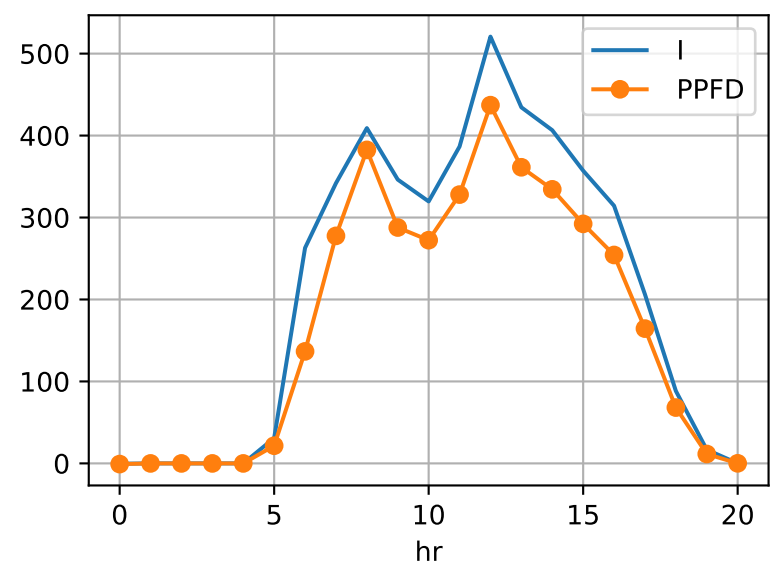


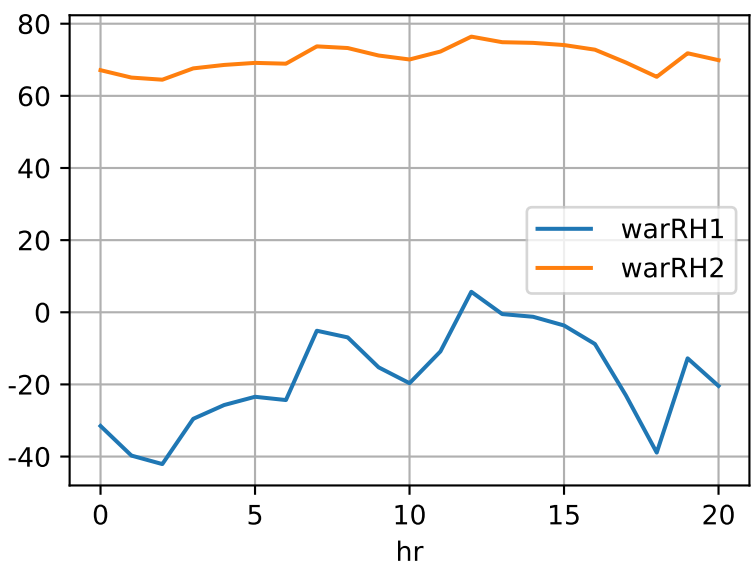


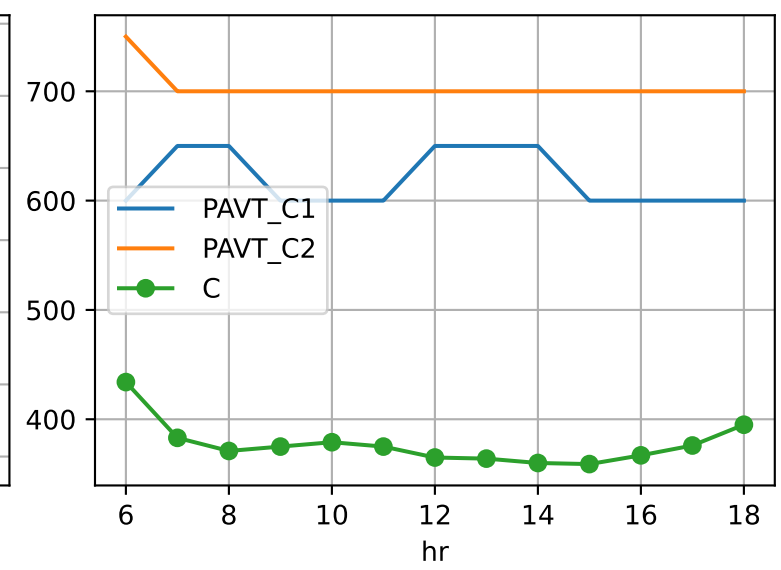


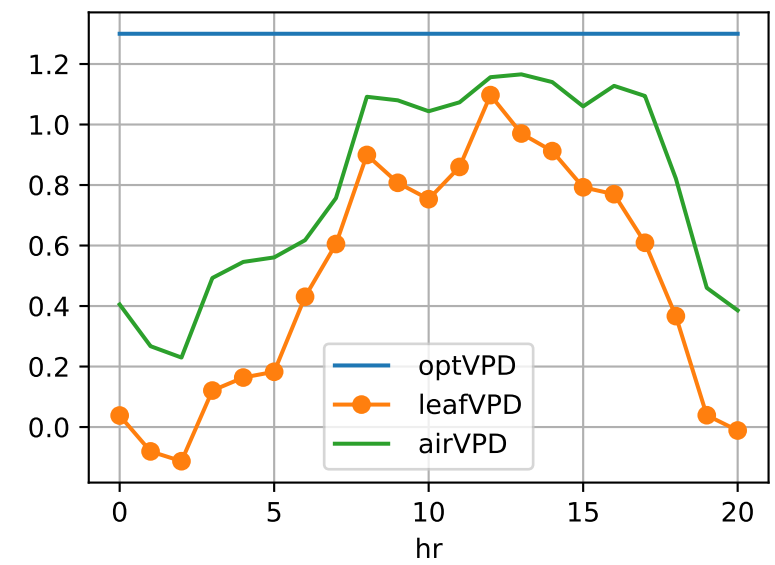


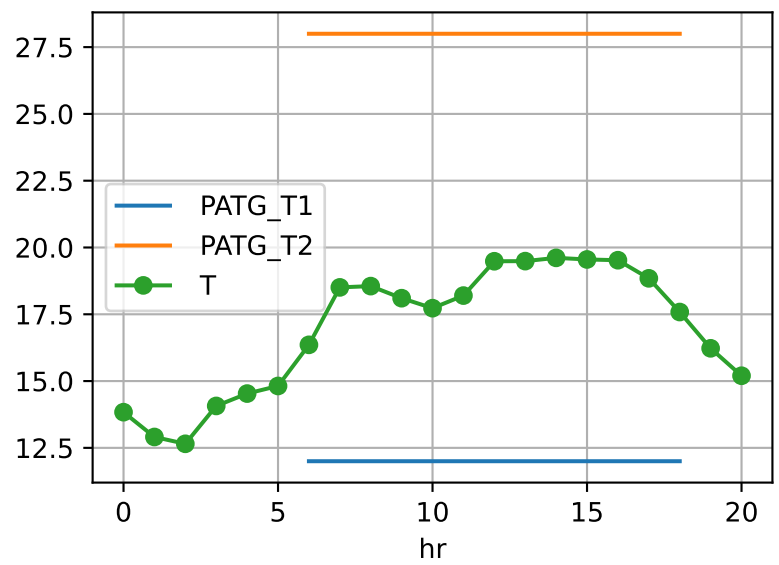


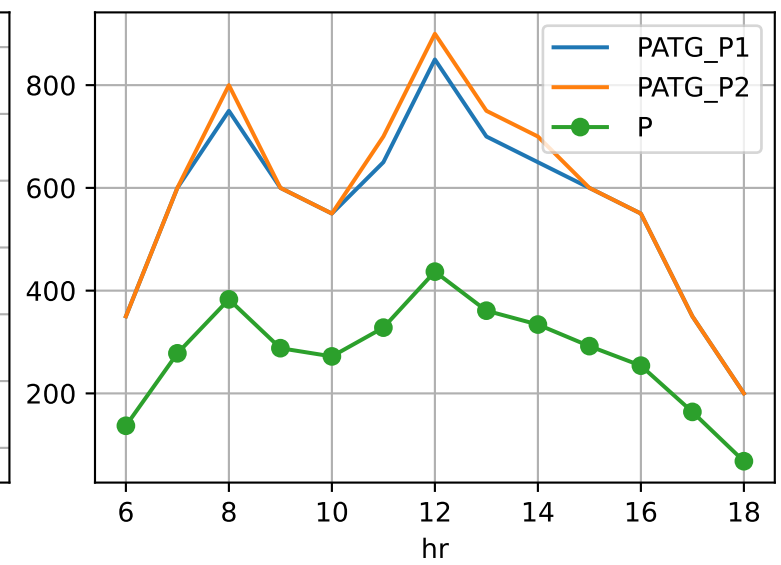


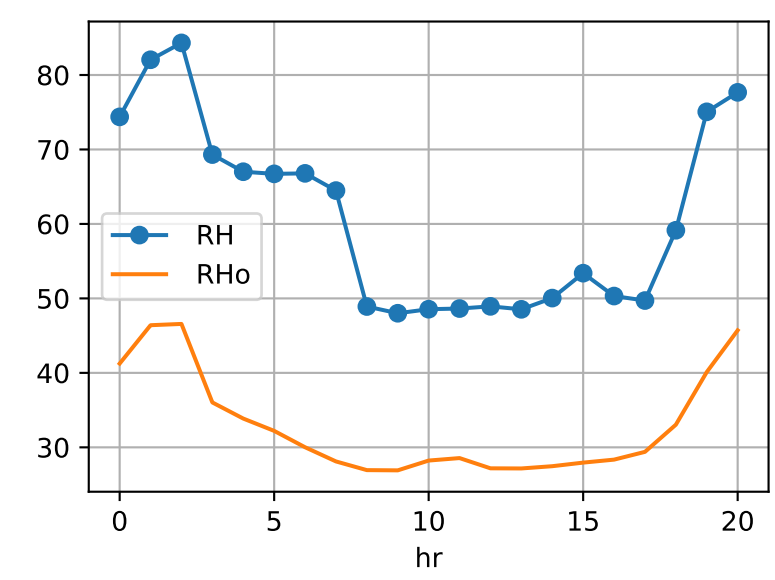


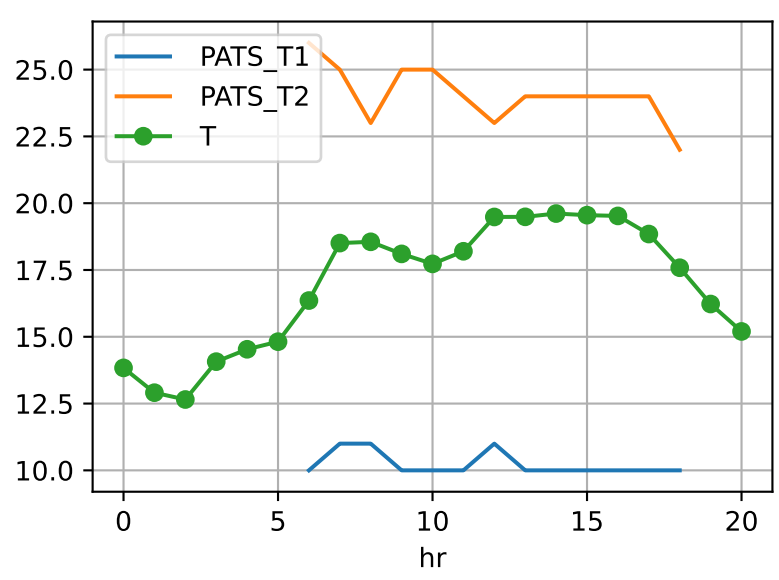


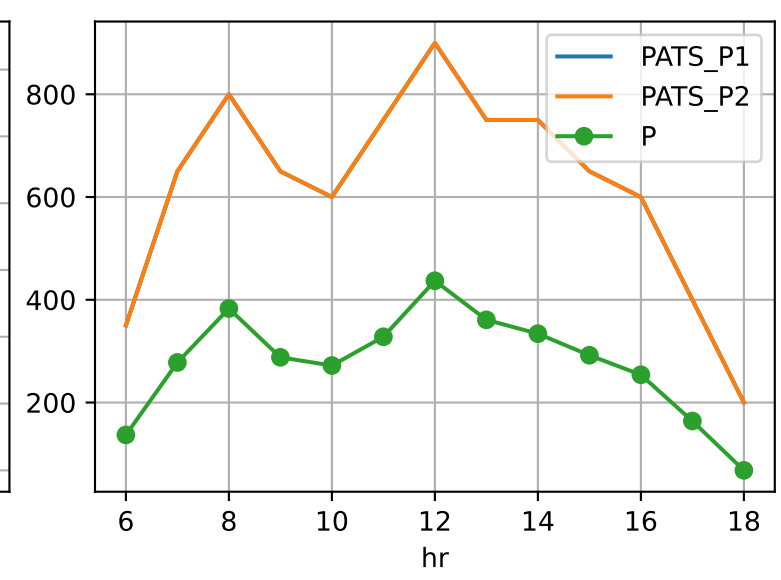


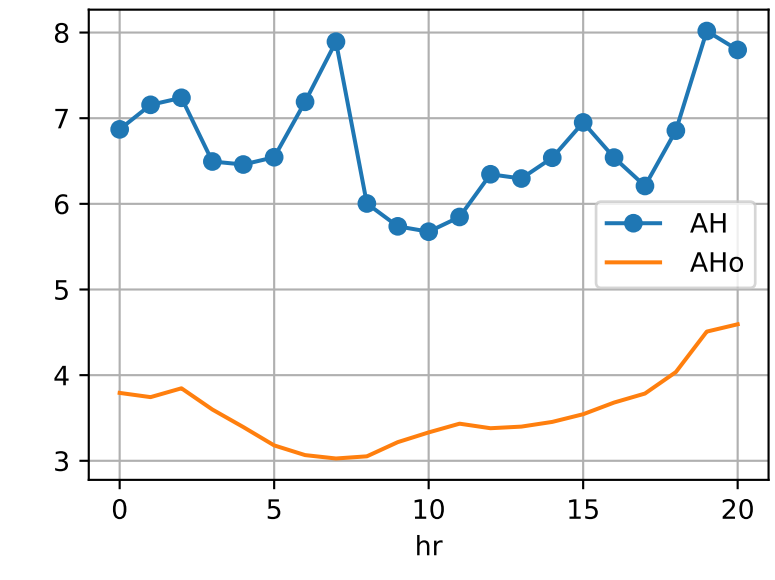


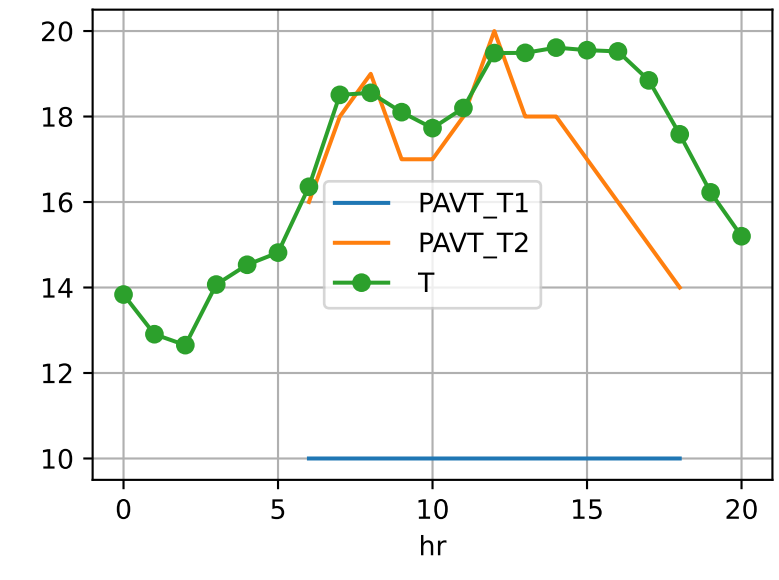


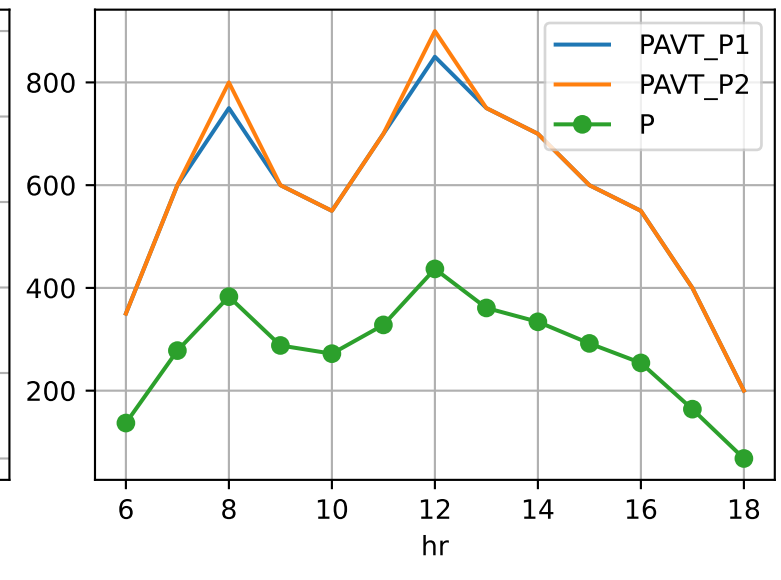


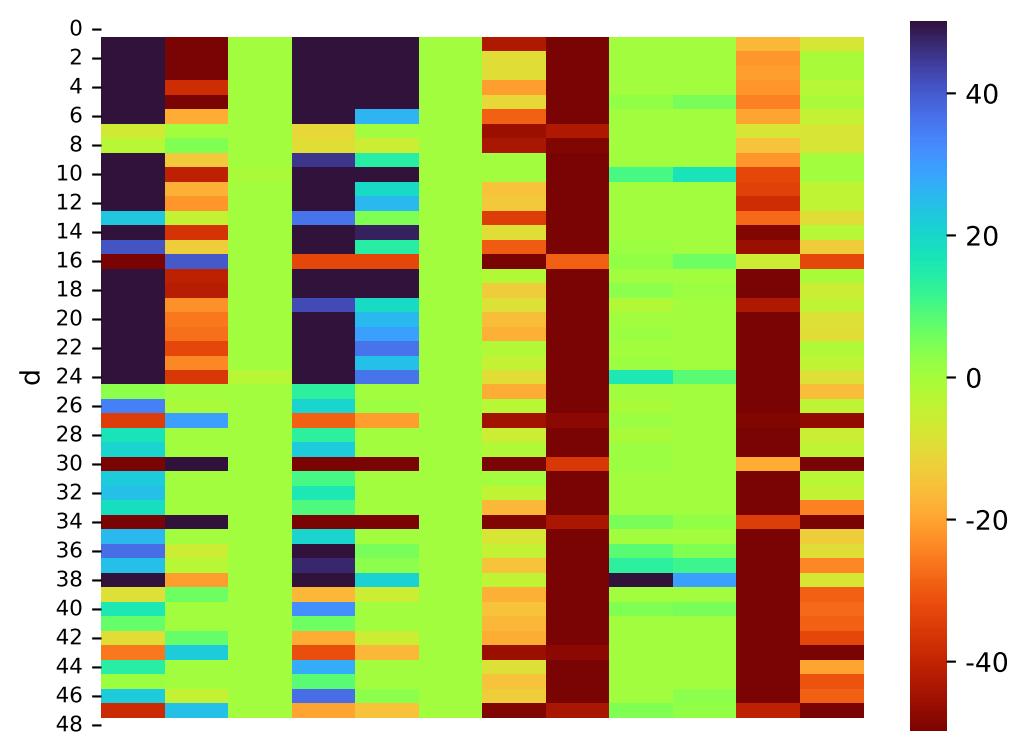








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