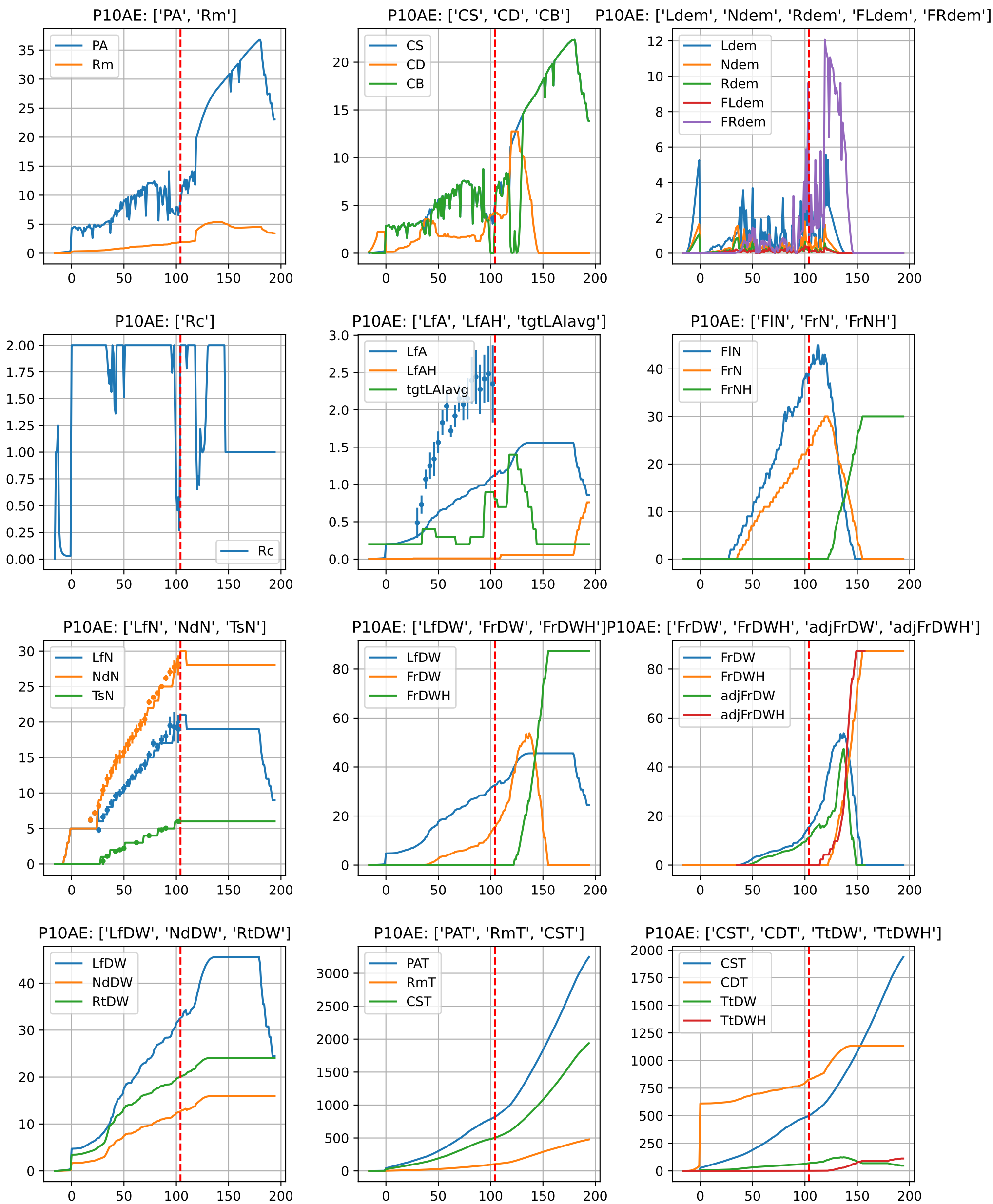
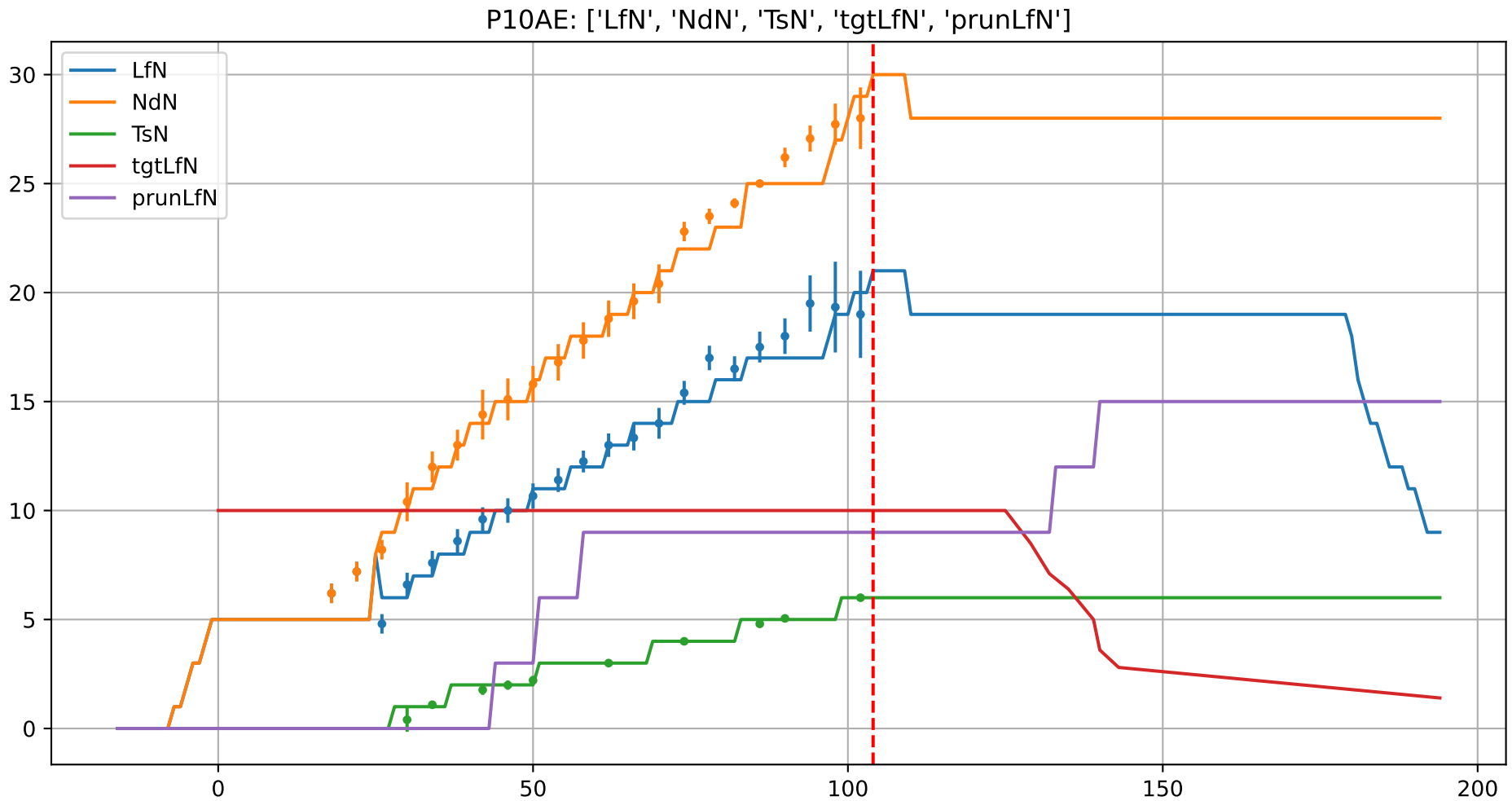
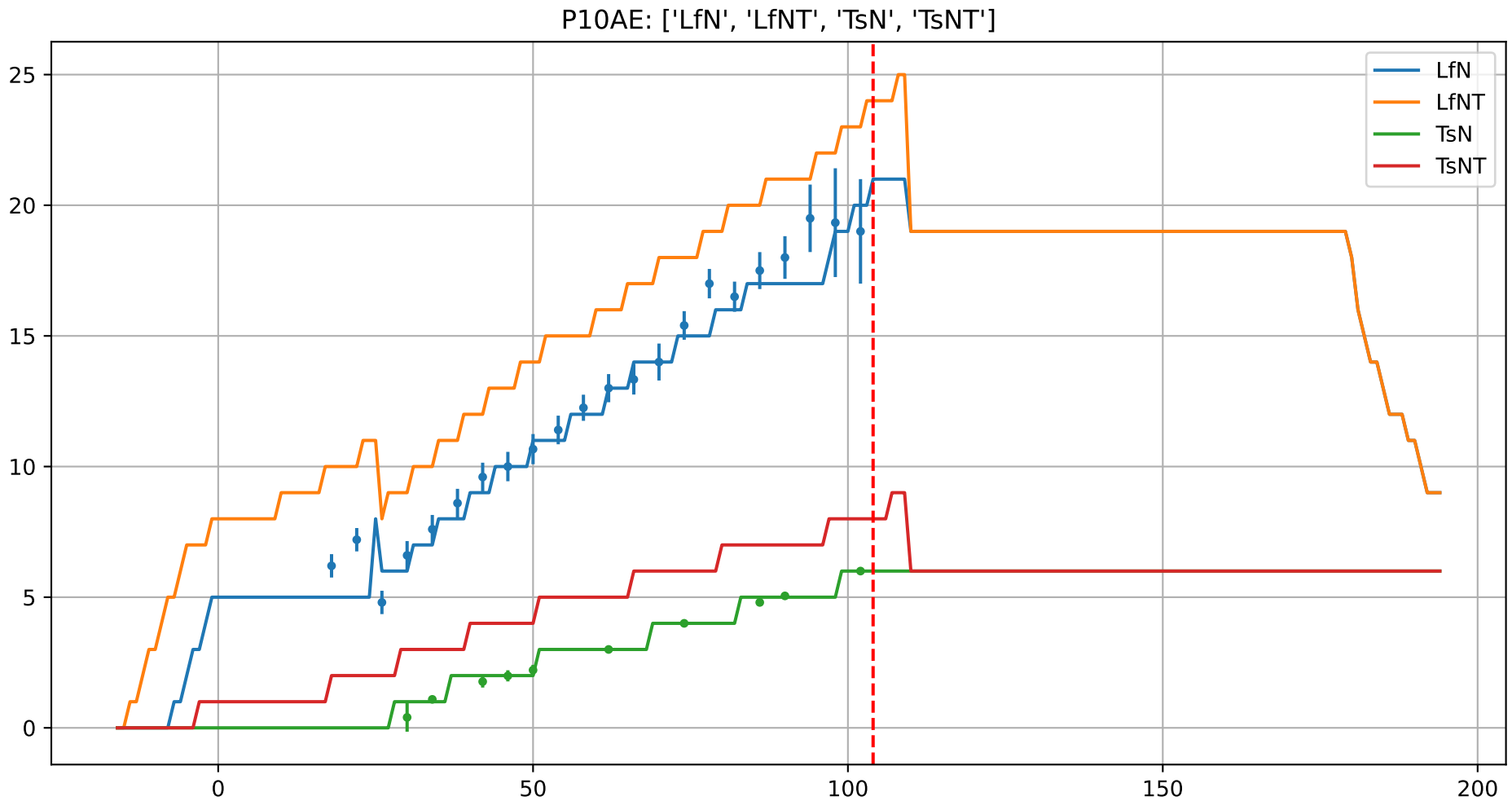
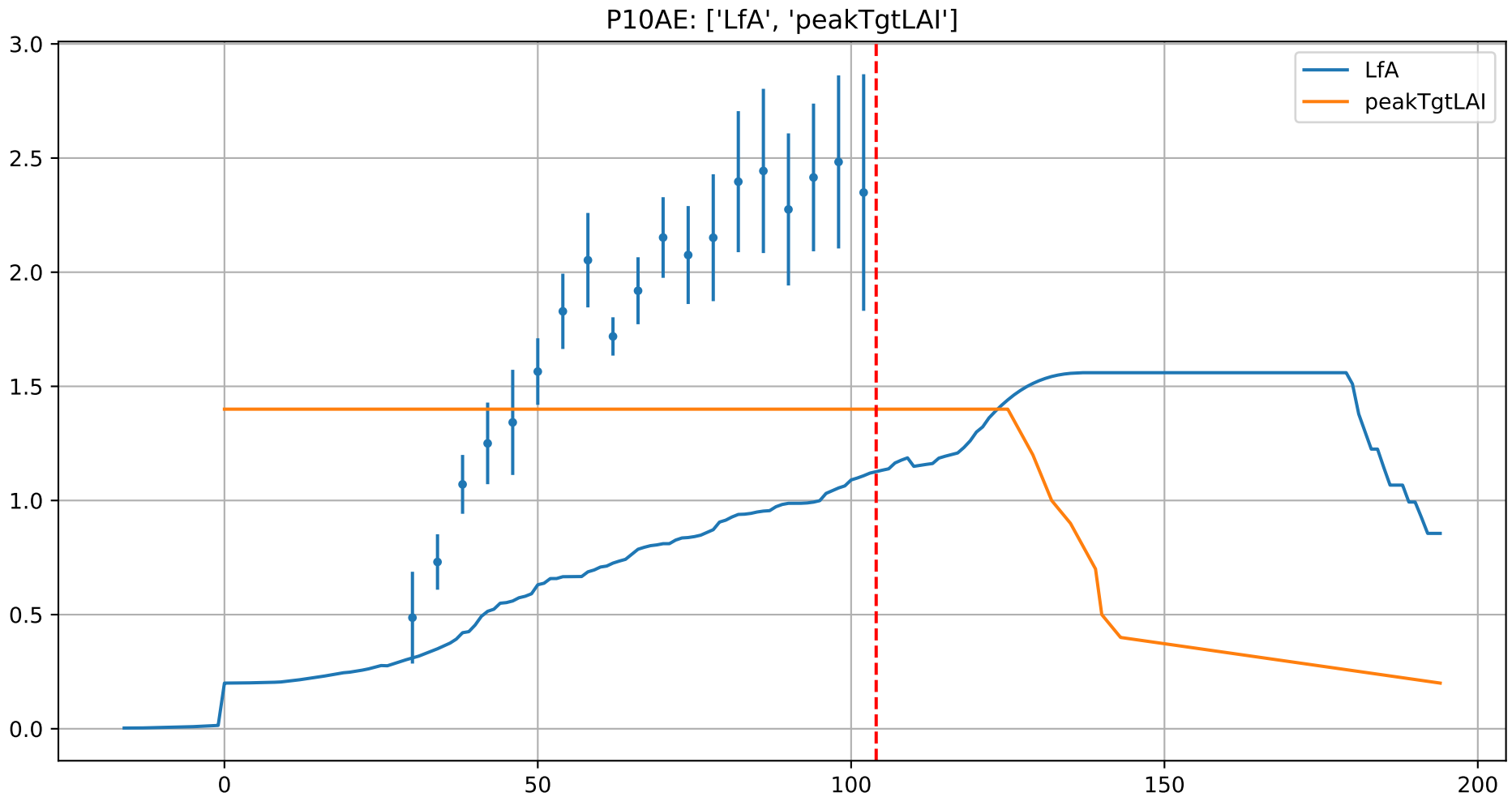
Model Prediction (P10AE)

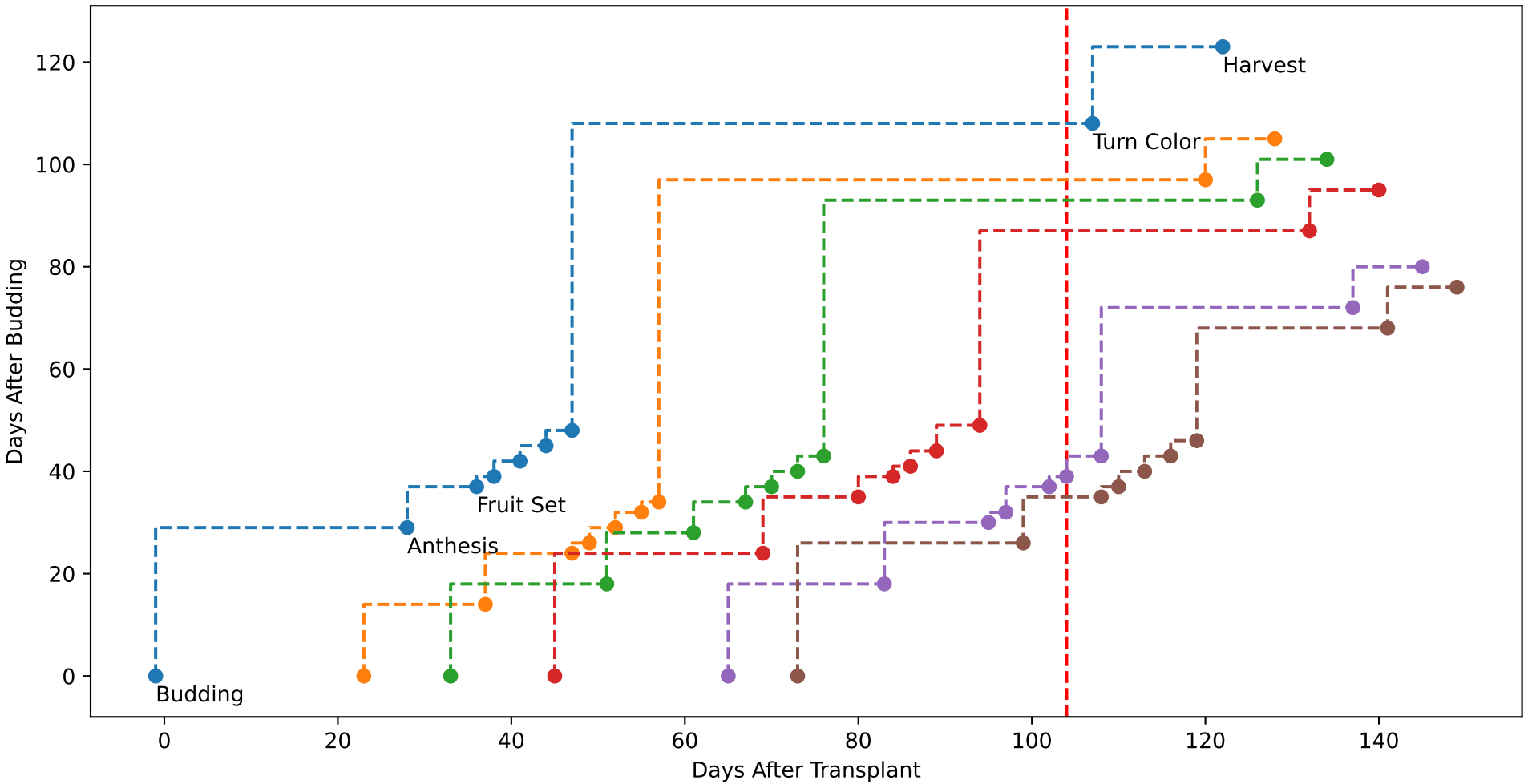


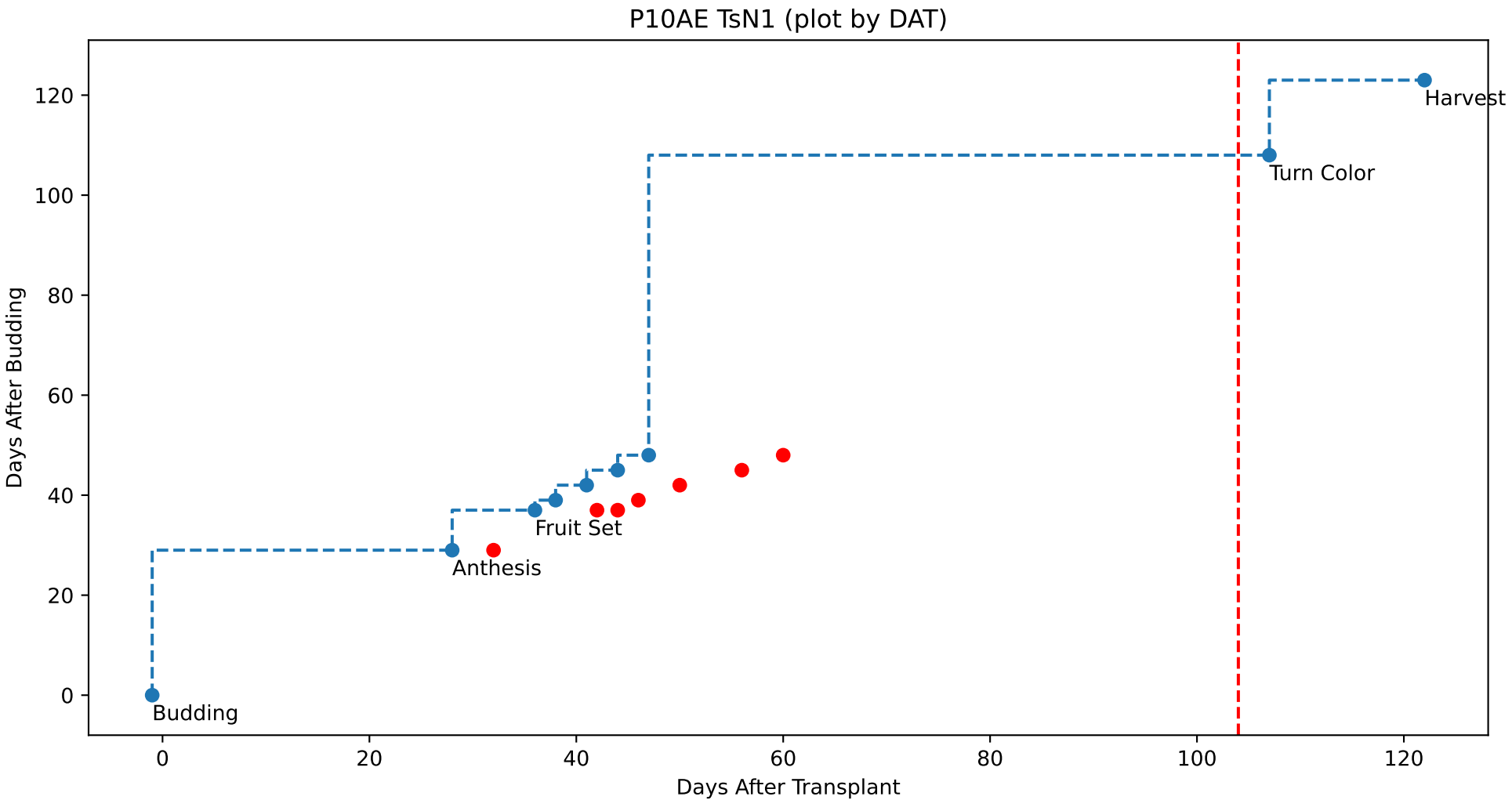

P10AE: ['LfN', 'NdN', 'TsN', 'tgtLfN', 'prunLfN']
LfN
NdN
TsN
tgtLfN
prunLfN
30
25
20
15
10
5
0
0
50
100
150
200

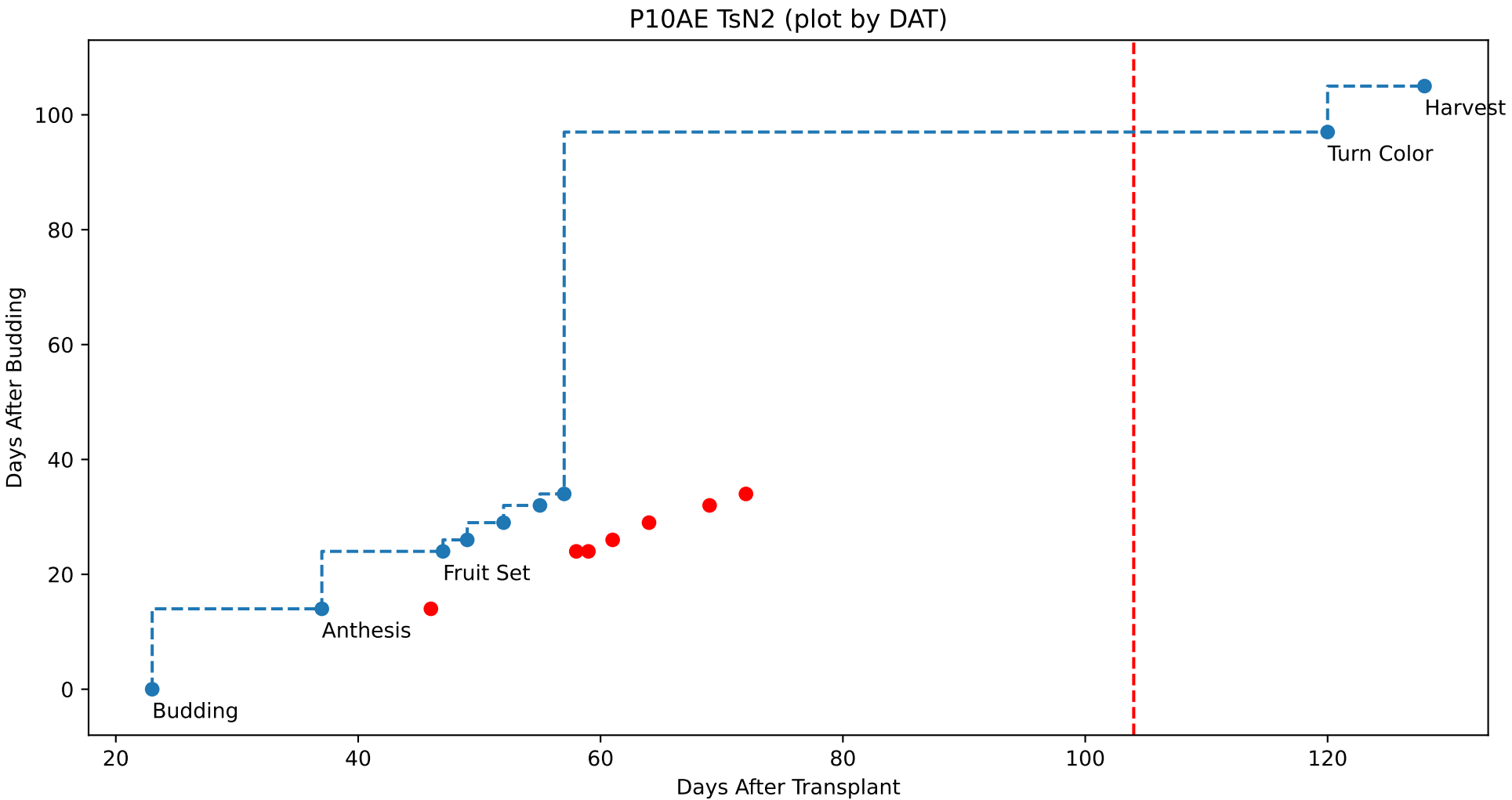

P10AE: ['LfN', 'LfNT', 'TsN', 'TsNT']
LfN
LfNT
TsN
TsNT
25
20
15
10
5
0
0
50
100
150
200

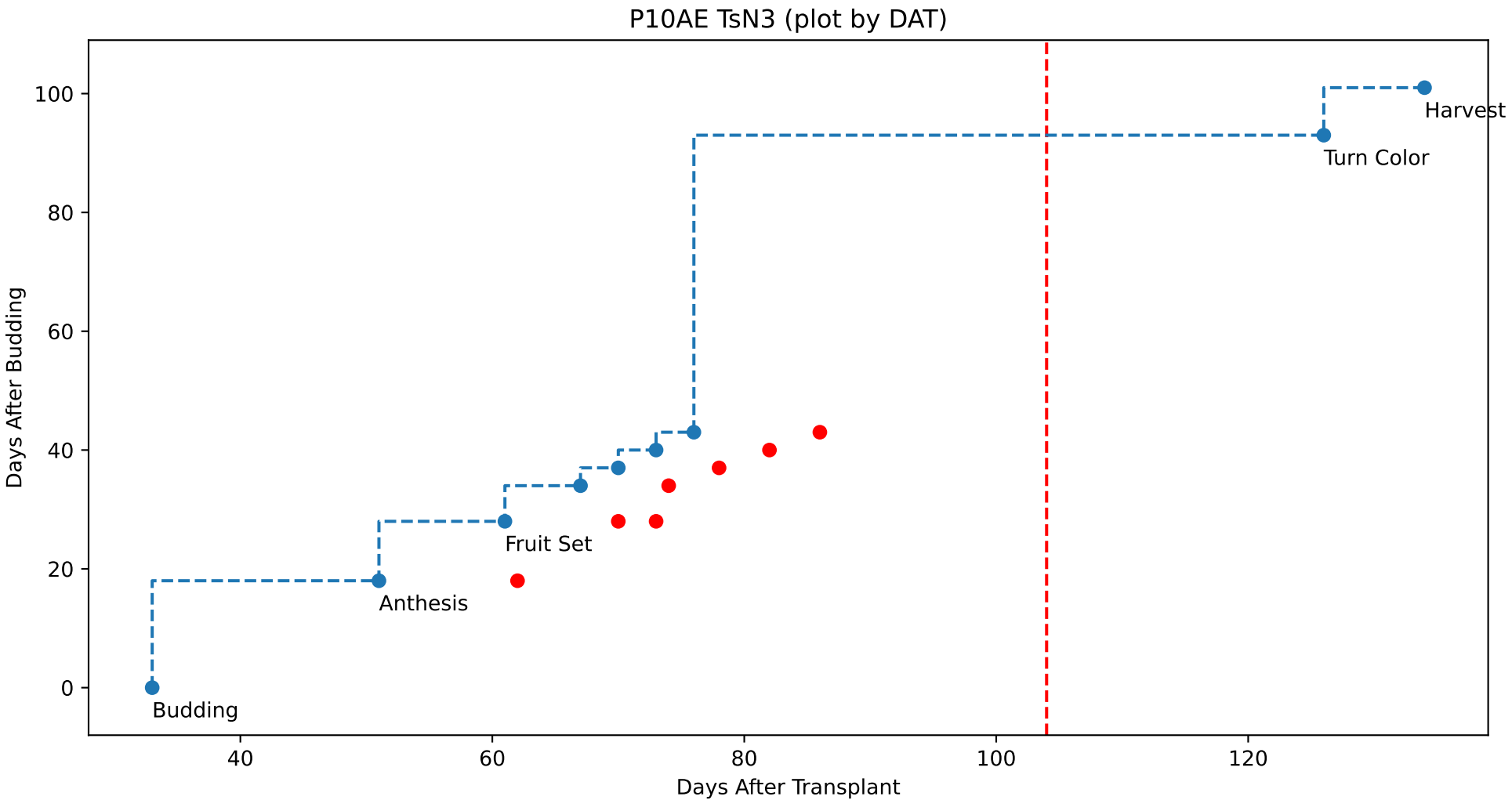

P10AE: ['LfA', 'peakTgtLAI']
LfA
peakTgtLAI
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200

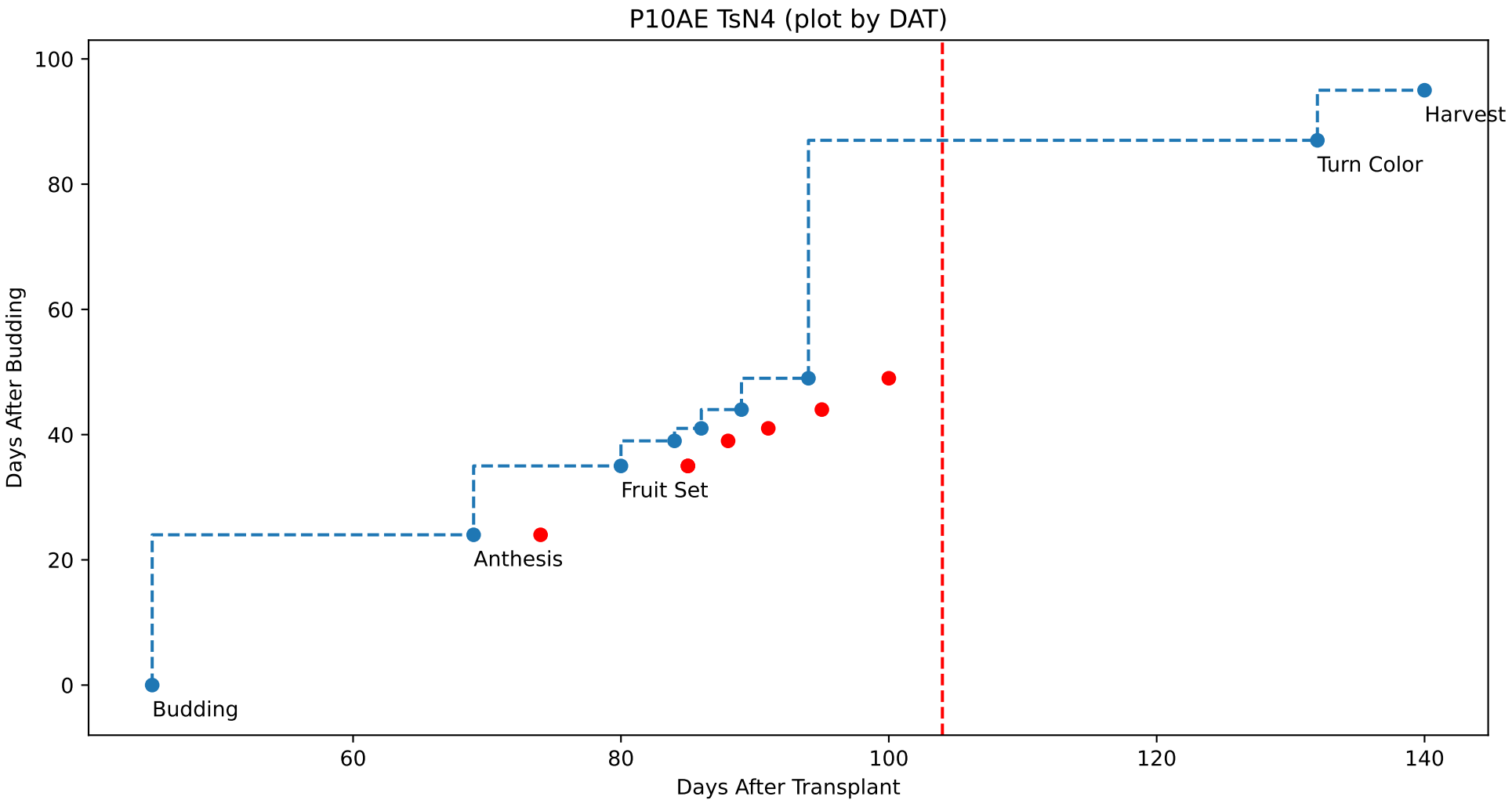
P10AE (plot by DAT)

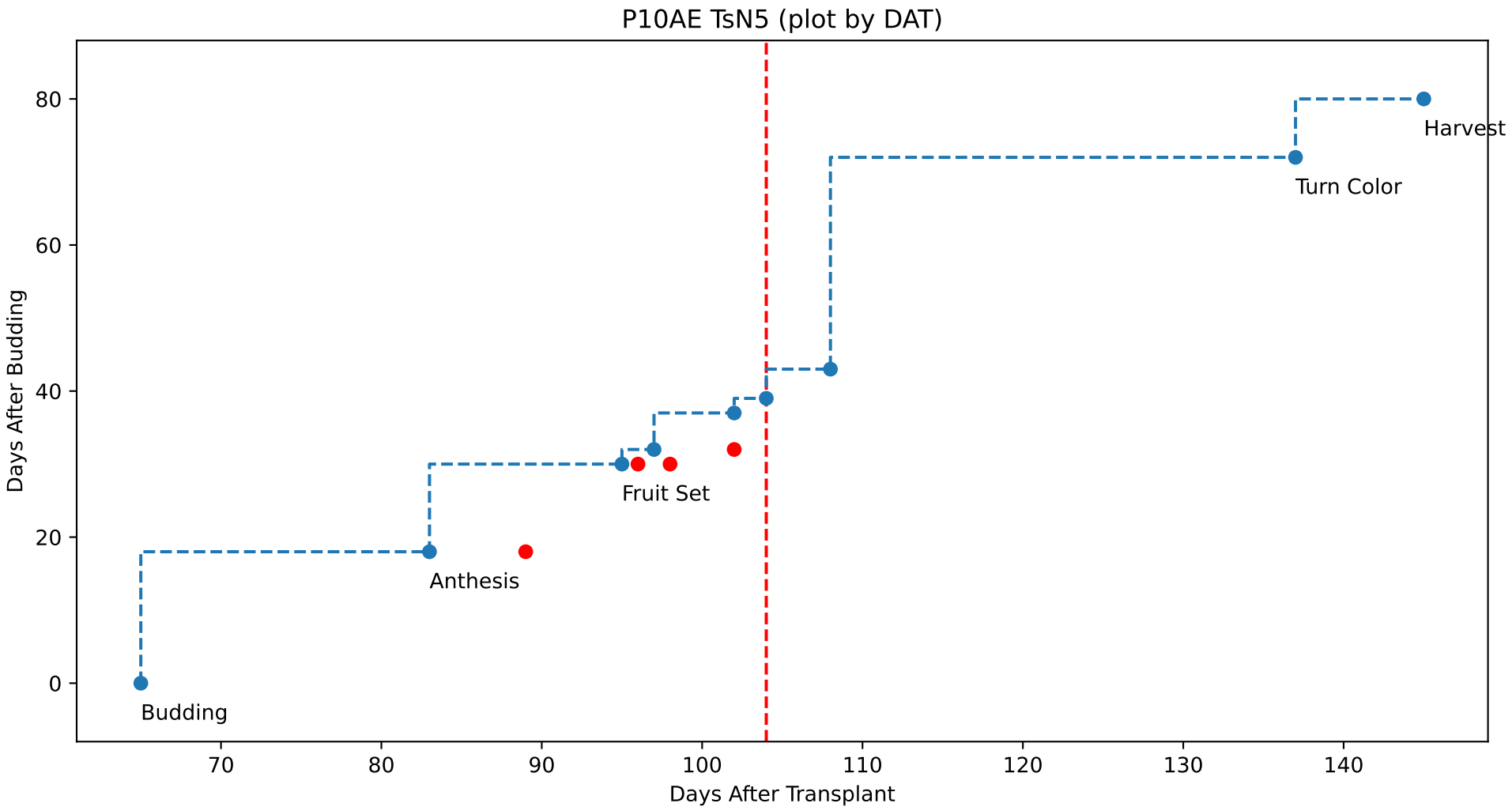


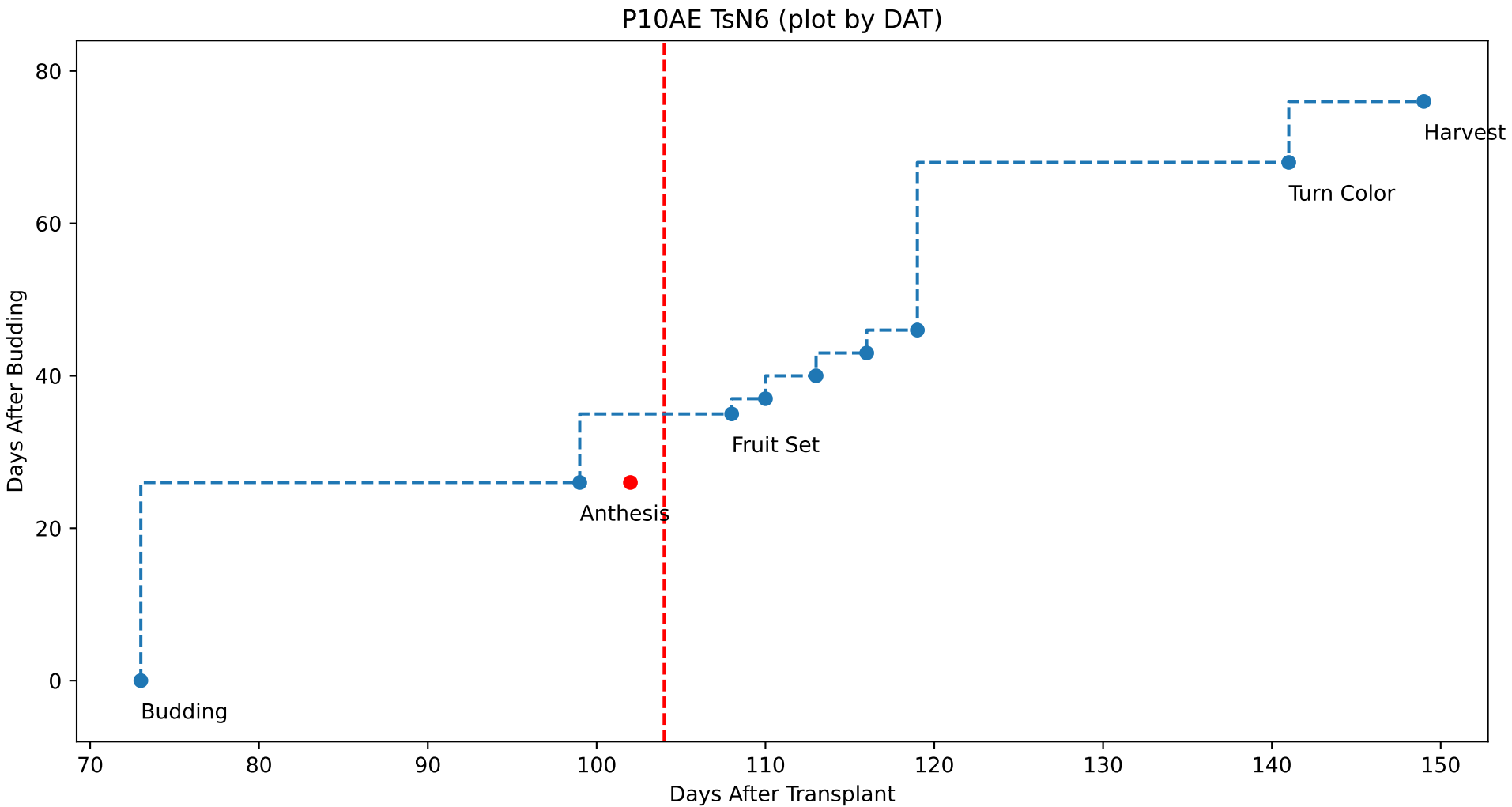

P10AE TsN1 (plot by DAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
20
40
60
80
100
120

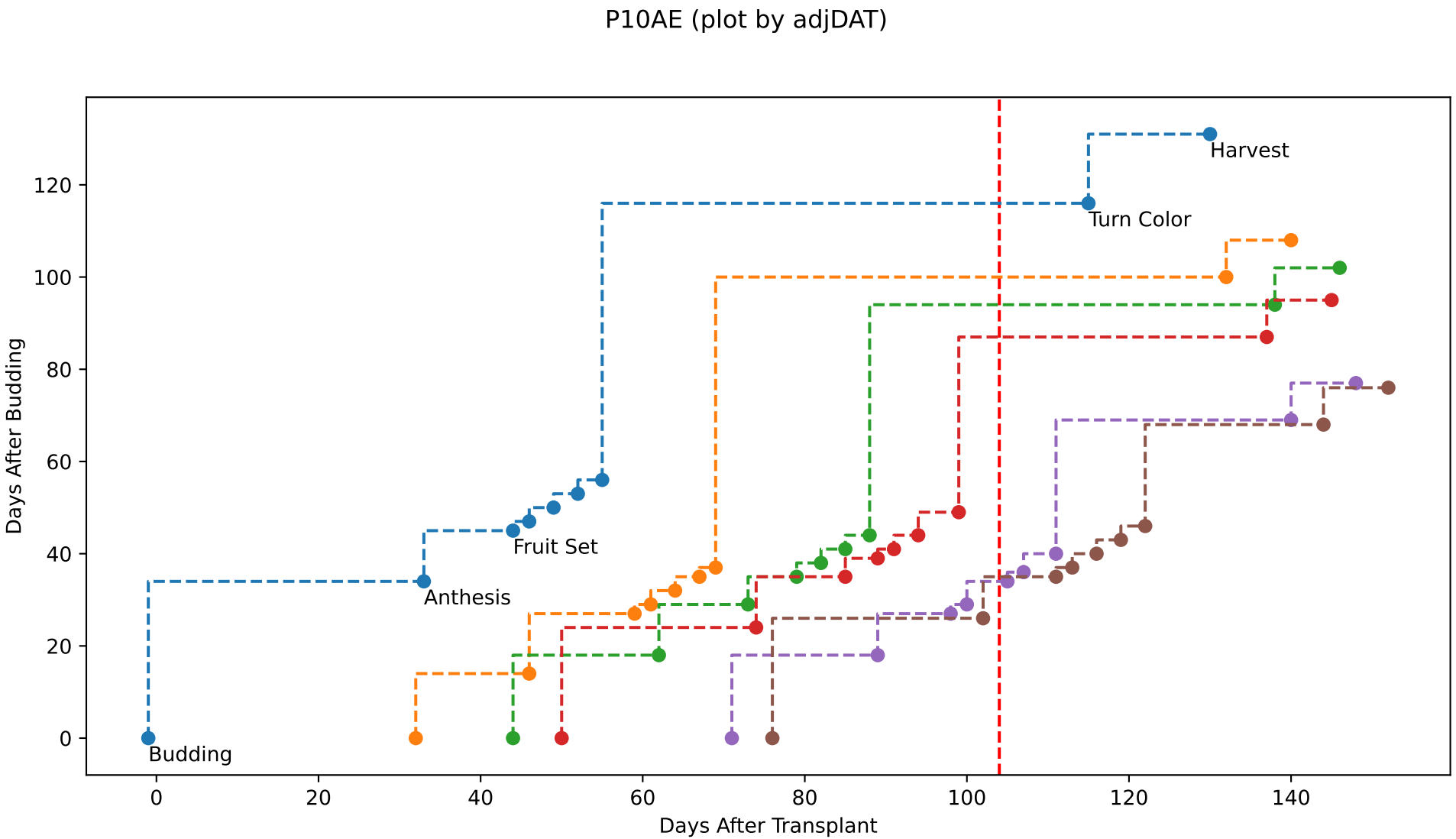

P10AE TsN2 (plot by DAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
20
40
60
80
100
20
40
60
80
100
120

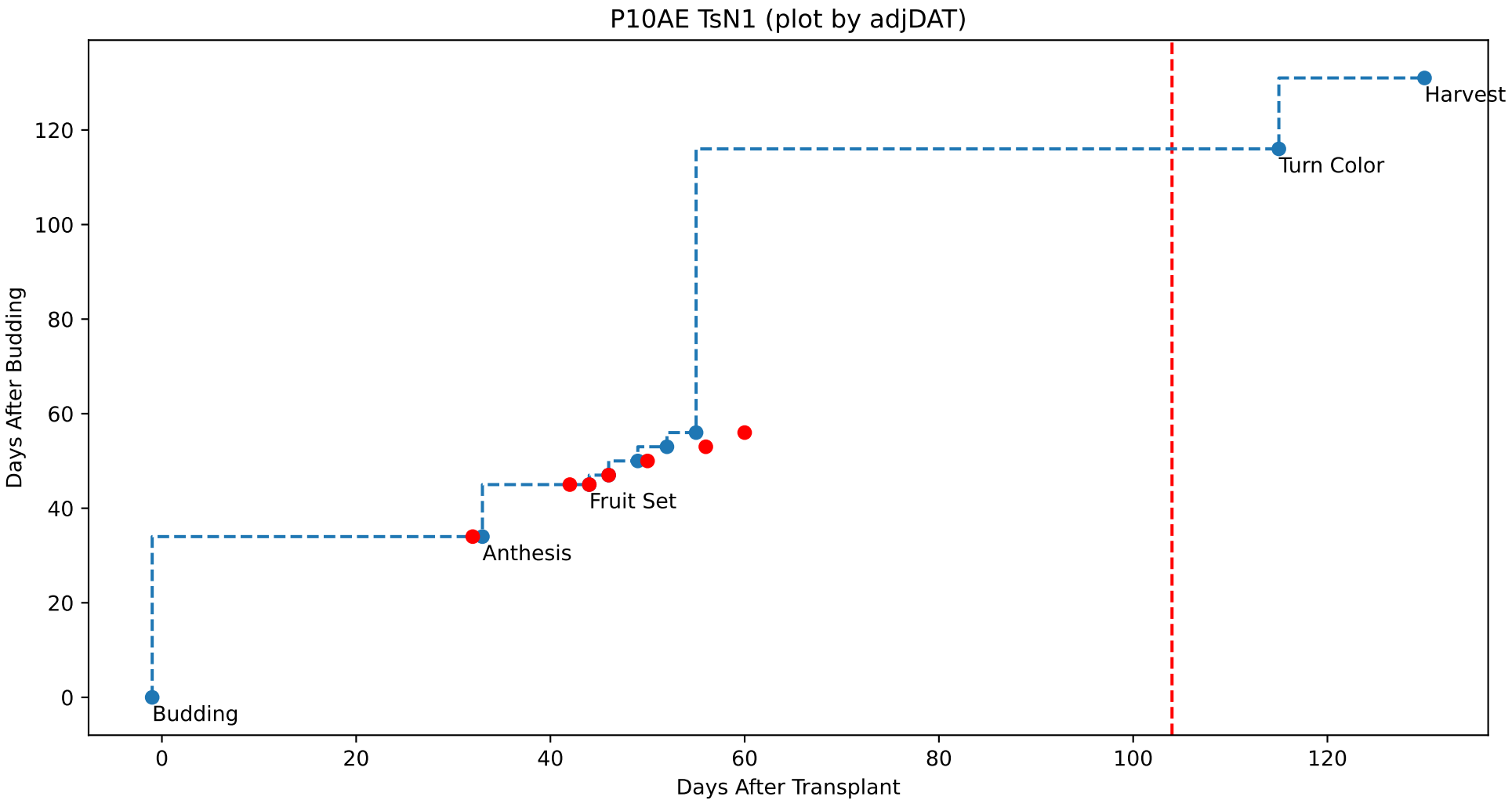

P10AE TsN3 (plot by DAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
20
40
60
80
100
40
60
80
100
120

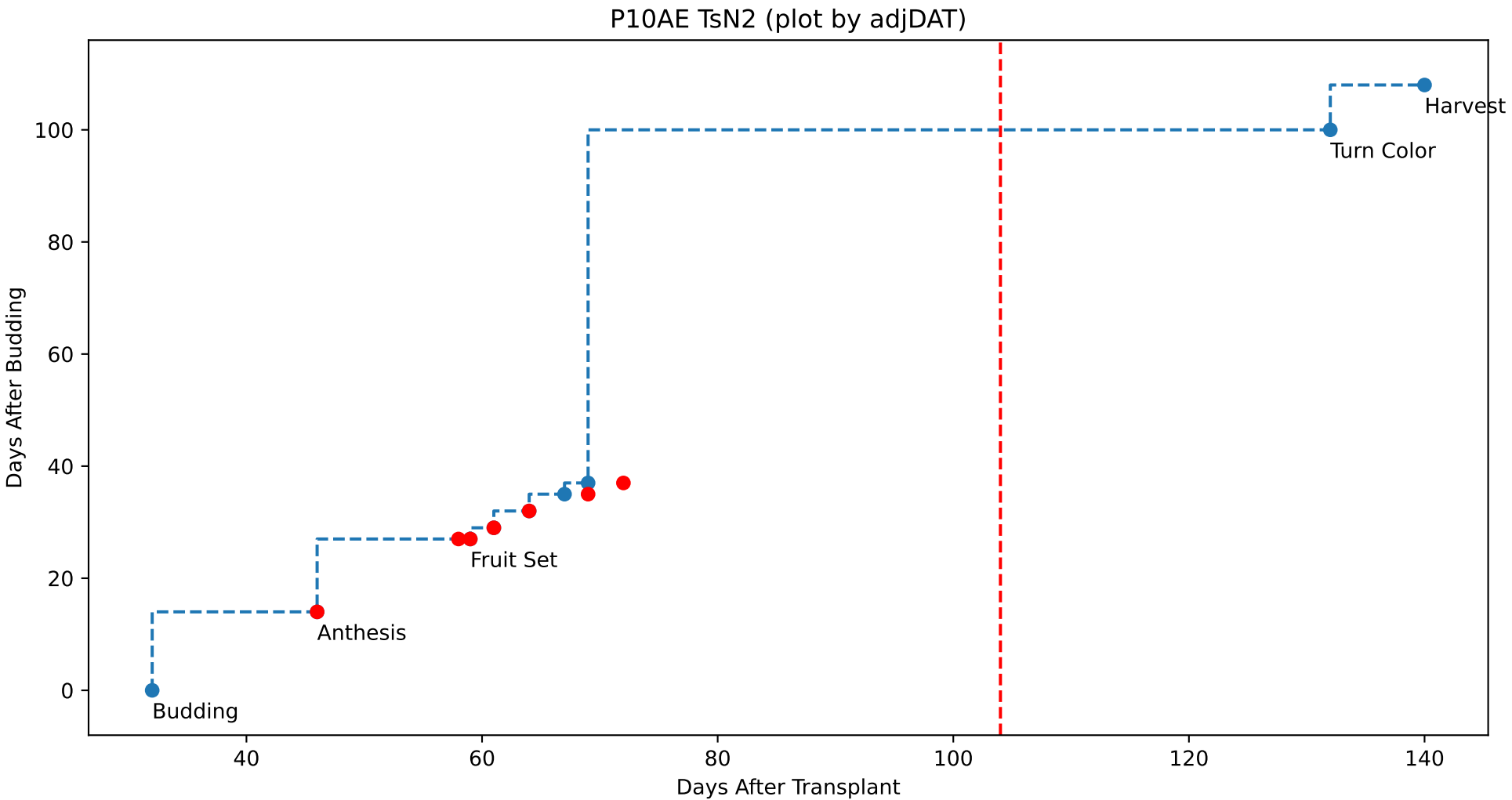

P10AE TsN4 (plot by DAT)
Days After Budding
Days After Transplant
100
80
60
40
20
0
60
80
100
120
140
Budding
Anthesis
Fruit Set
Turn Color
Harvest

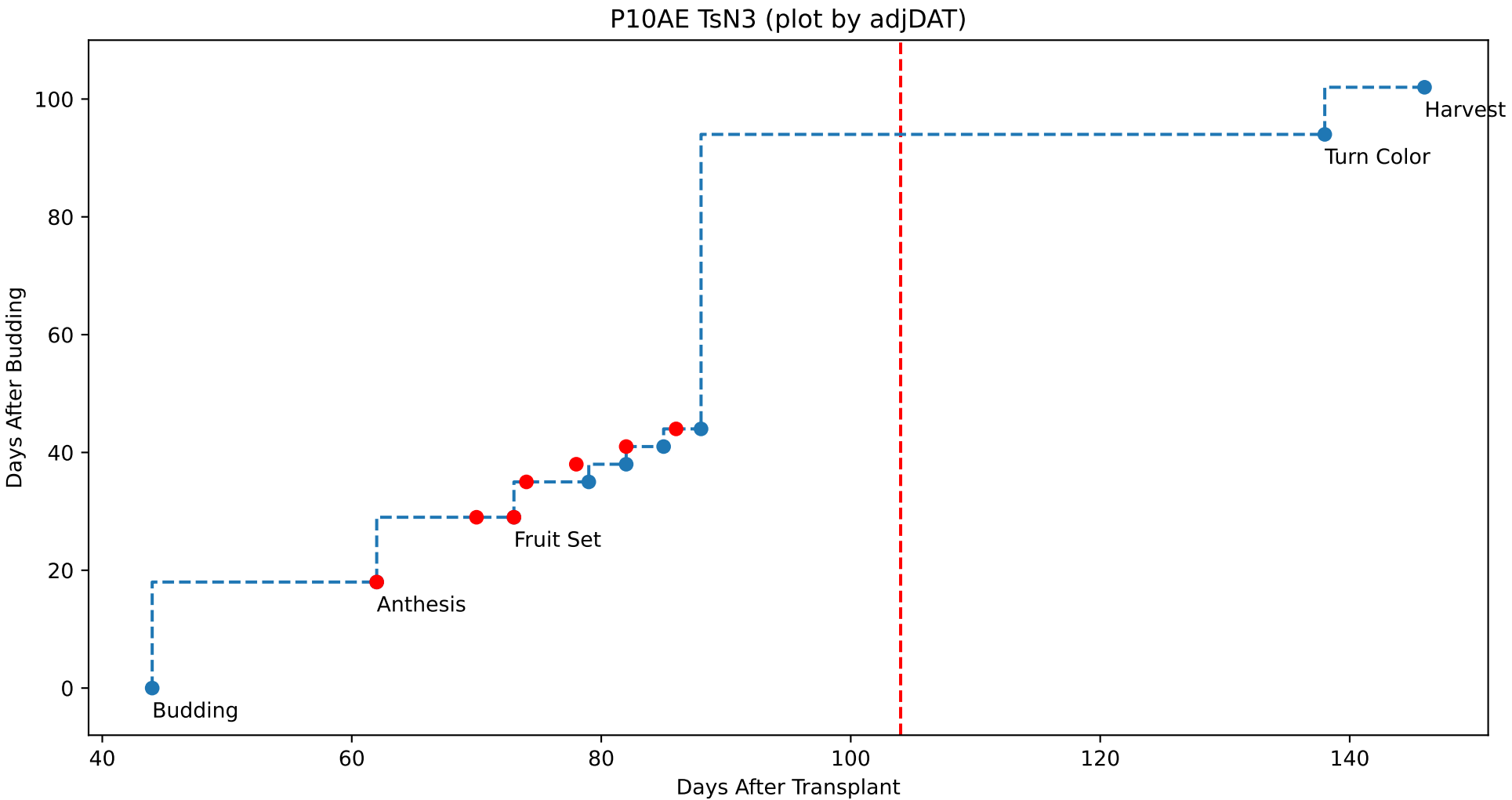

P10AE TsN5 (plot by DAT)
Days After Budding
Days After Transplant
0
20
40
60
80
70
80
90
100
110
120
130
140
Budding
Anthesis
Fruit Set
Turn Color
Harvest

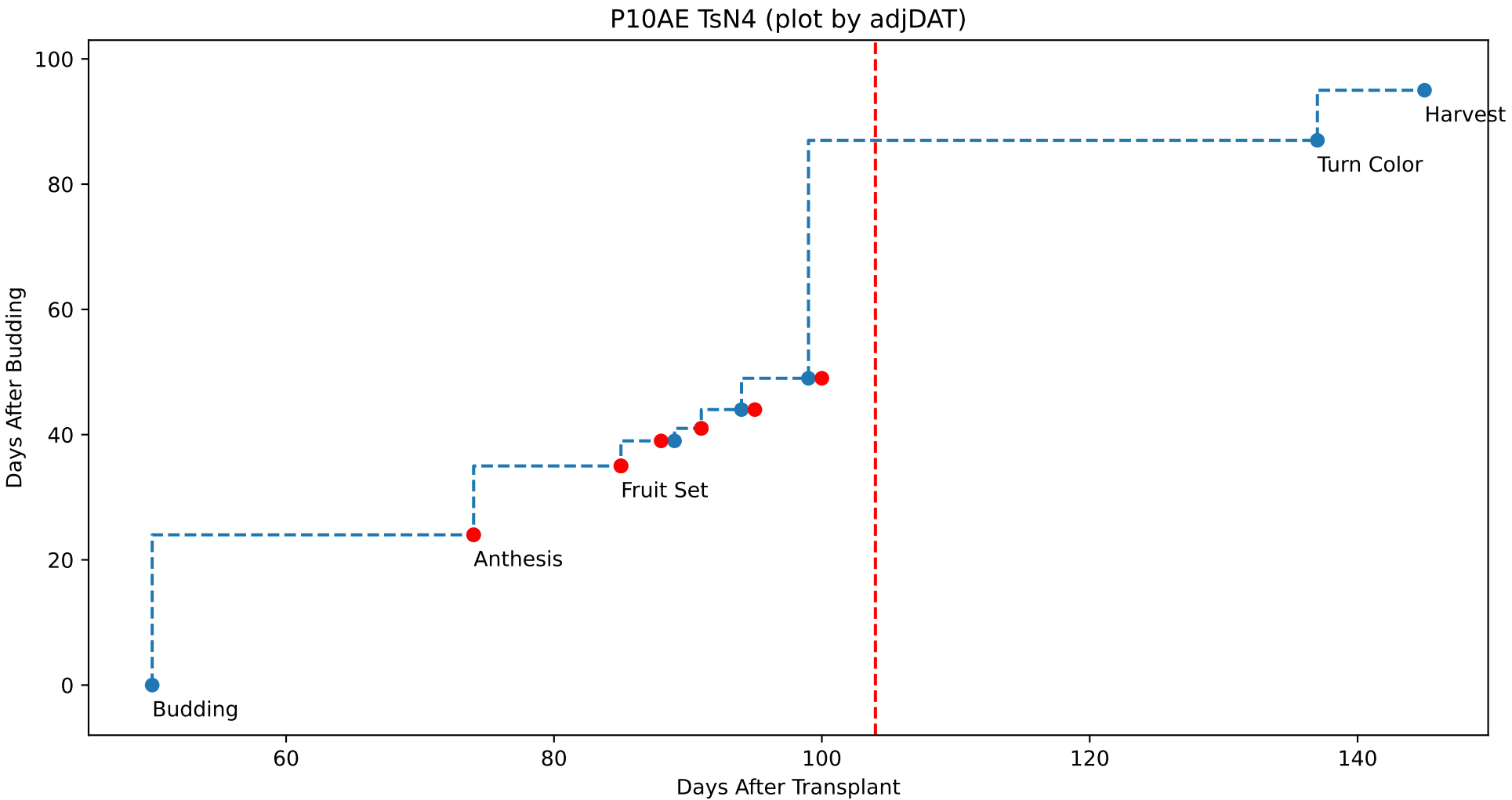

P10AE TsN6 (plot by DAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
20
40
60
80
70
80
90
100
110
120
130
140
150

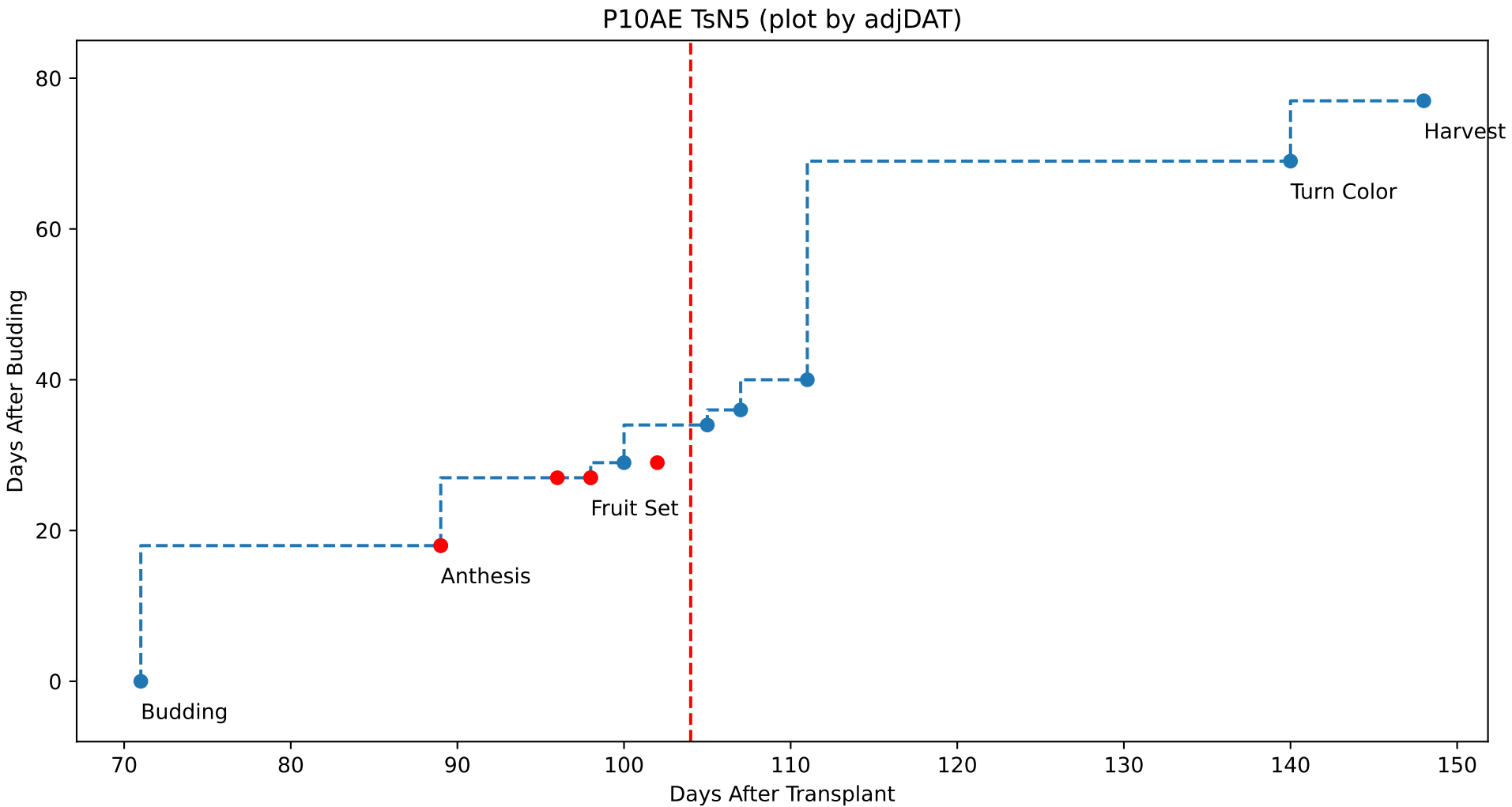

P10AE (plot by adjDAT)
Harvest
Turn Color
Fruit Set
Anthesis
Budding
Days After Budding
Days After Transplant
0
20
40
60
80
100
120
140

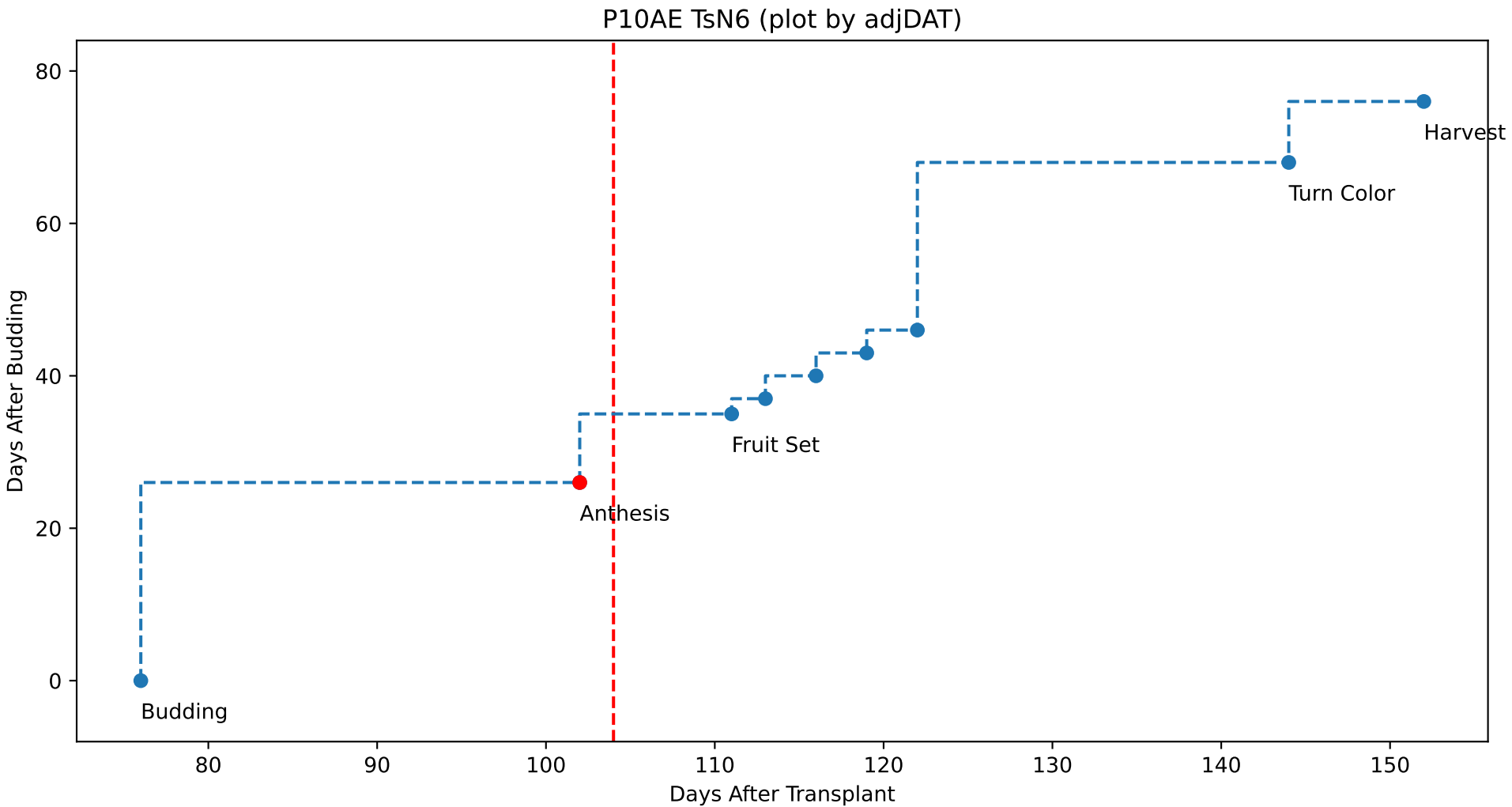

P10AE TsN1 (plot by adjDAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
20
40
60
80
100
120

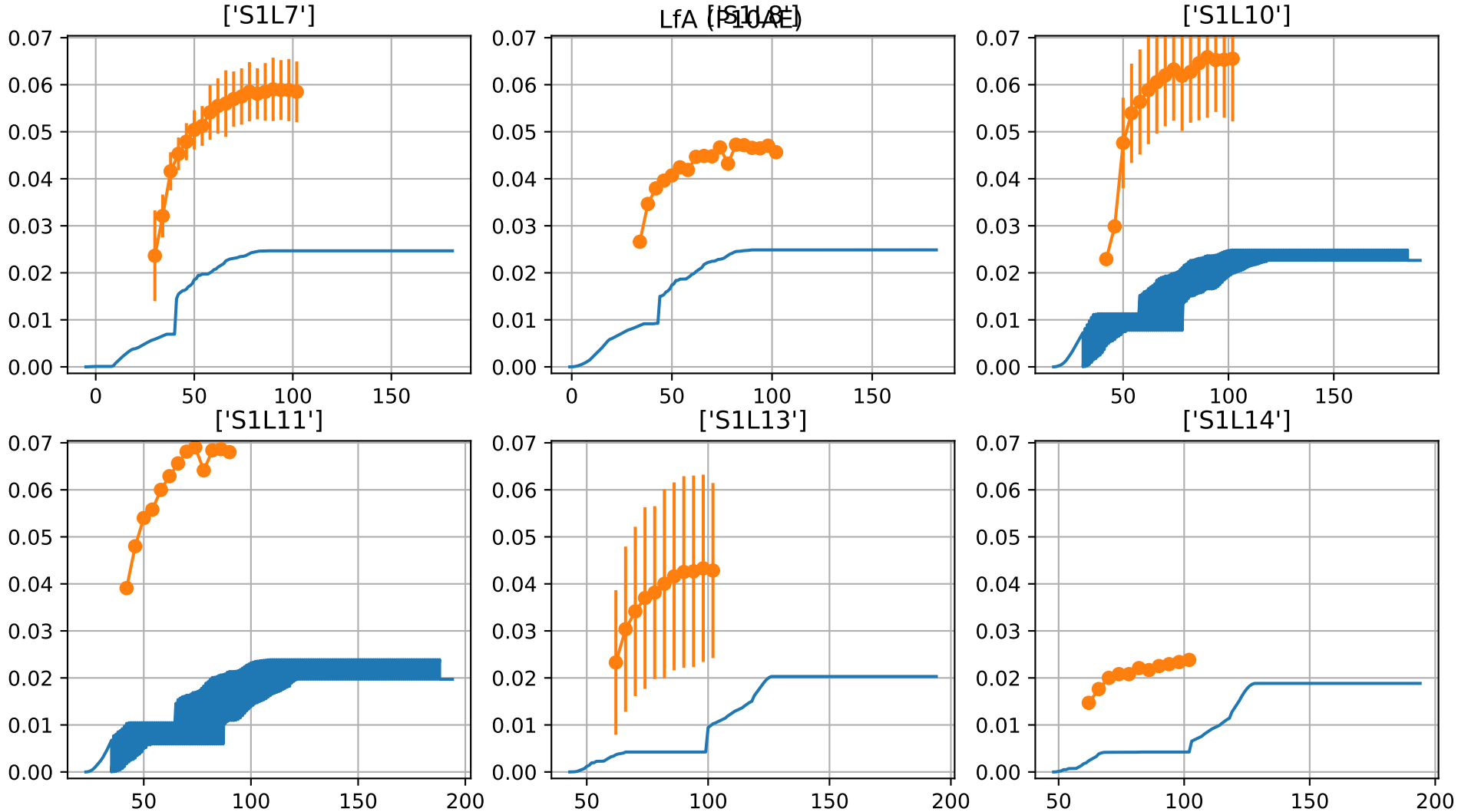

P10AE TsN2 (plot by adjDAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
20
40
60
80
100
40
60
80
100
120
140

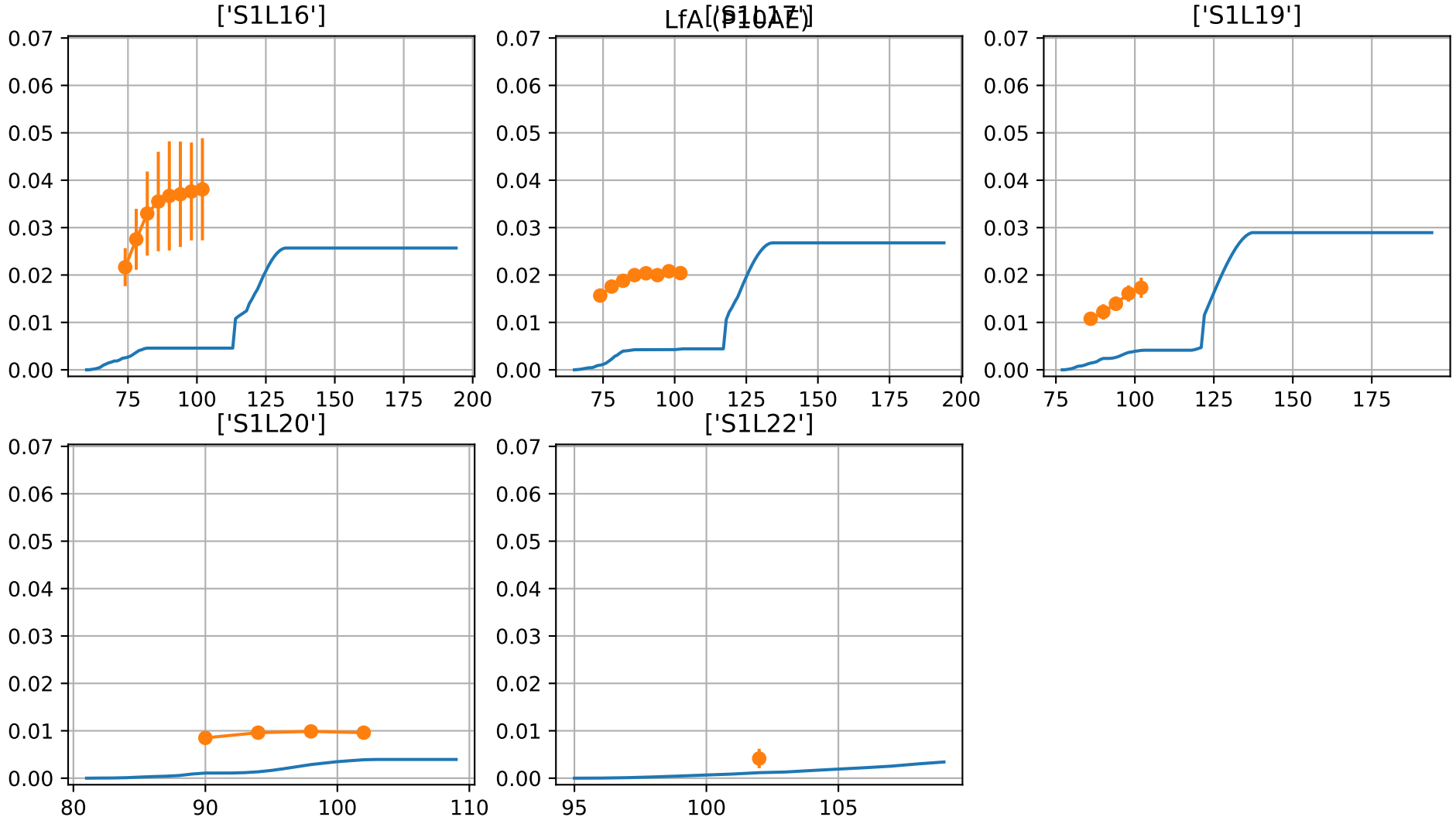

P10AE TsN3 (plot by adjDAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
20
40
60
80
100
40
60
80
100
120
140

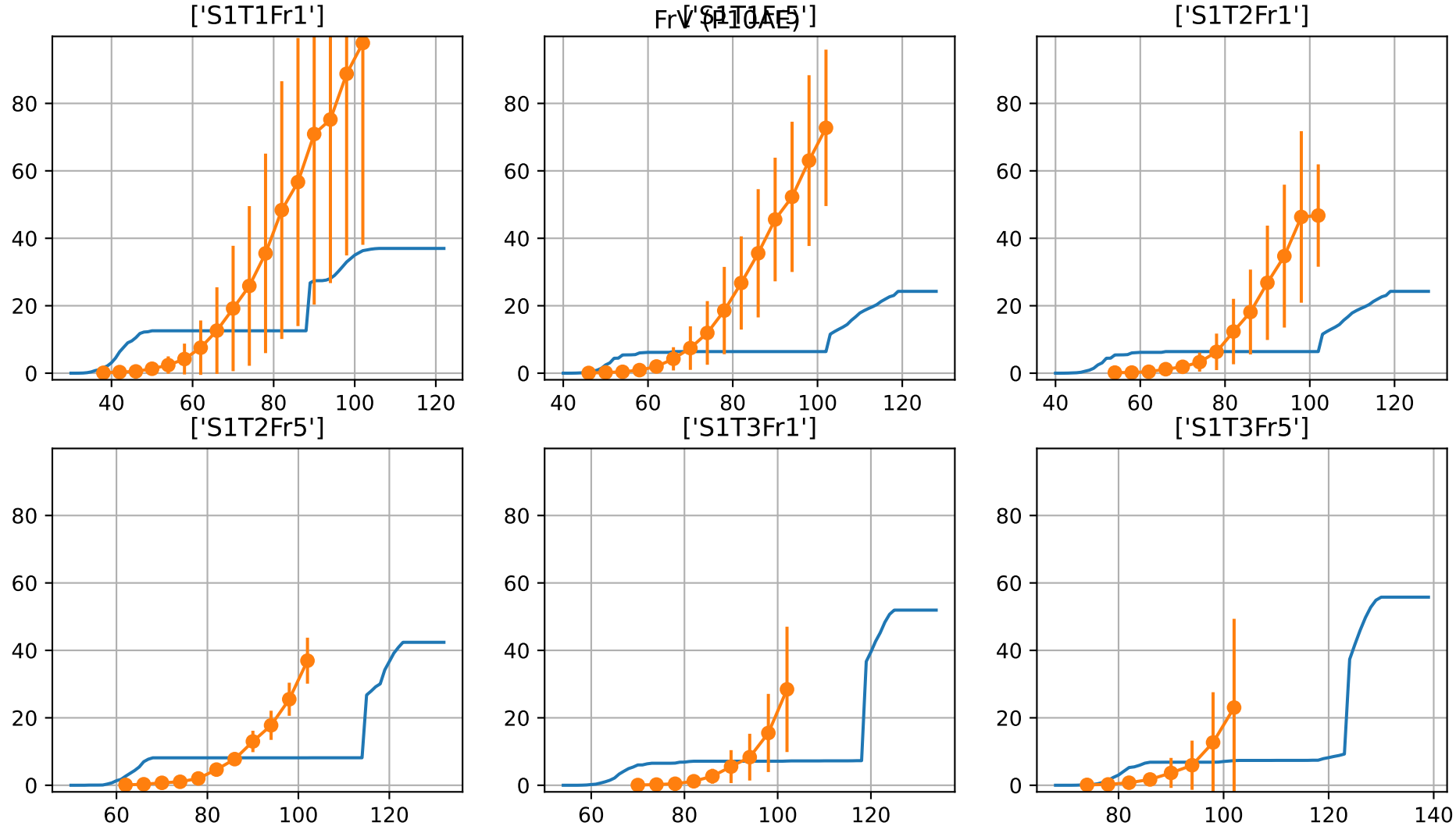

P10AE TsN4 (plot by adjDAT)
Days After Budding
Days After Transplant
100
80
60
40
20
0
60
80
100
120
140
Budding
Anthesis
Fruit Set
Turn Color
Harvest

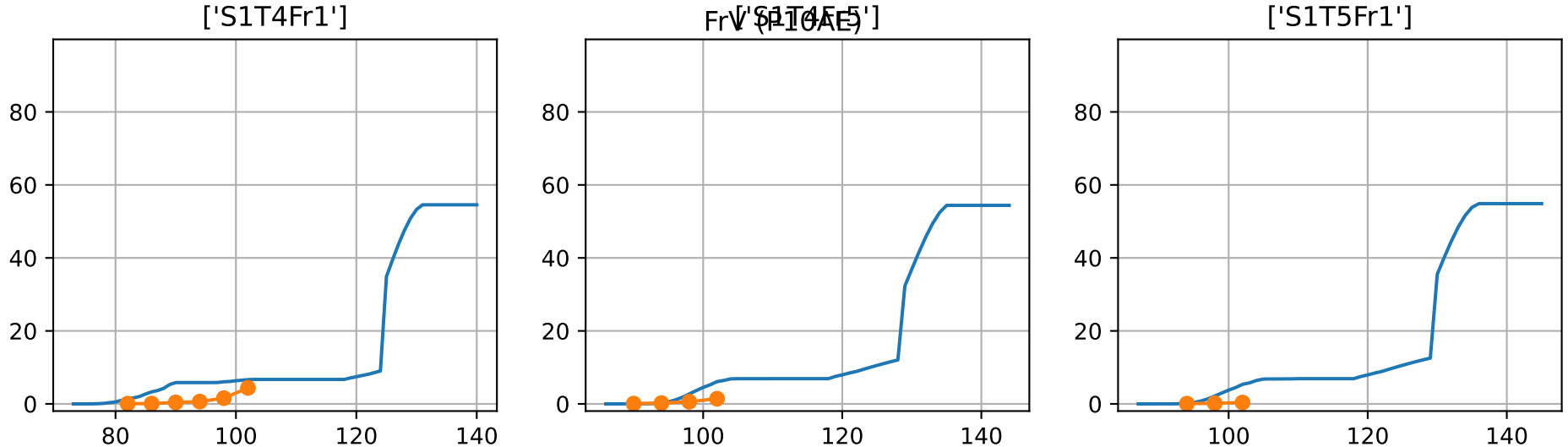

P10AE TsN5 (plot by adjDAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
20
40
60
80
70
80
90
100
110
120
130
140
150

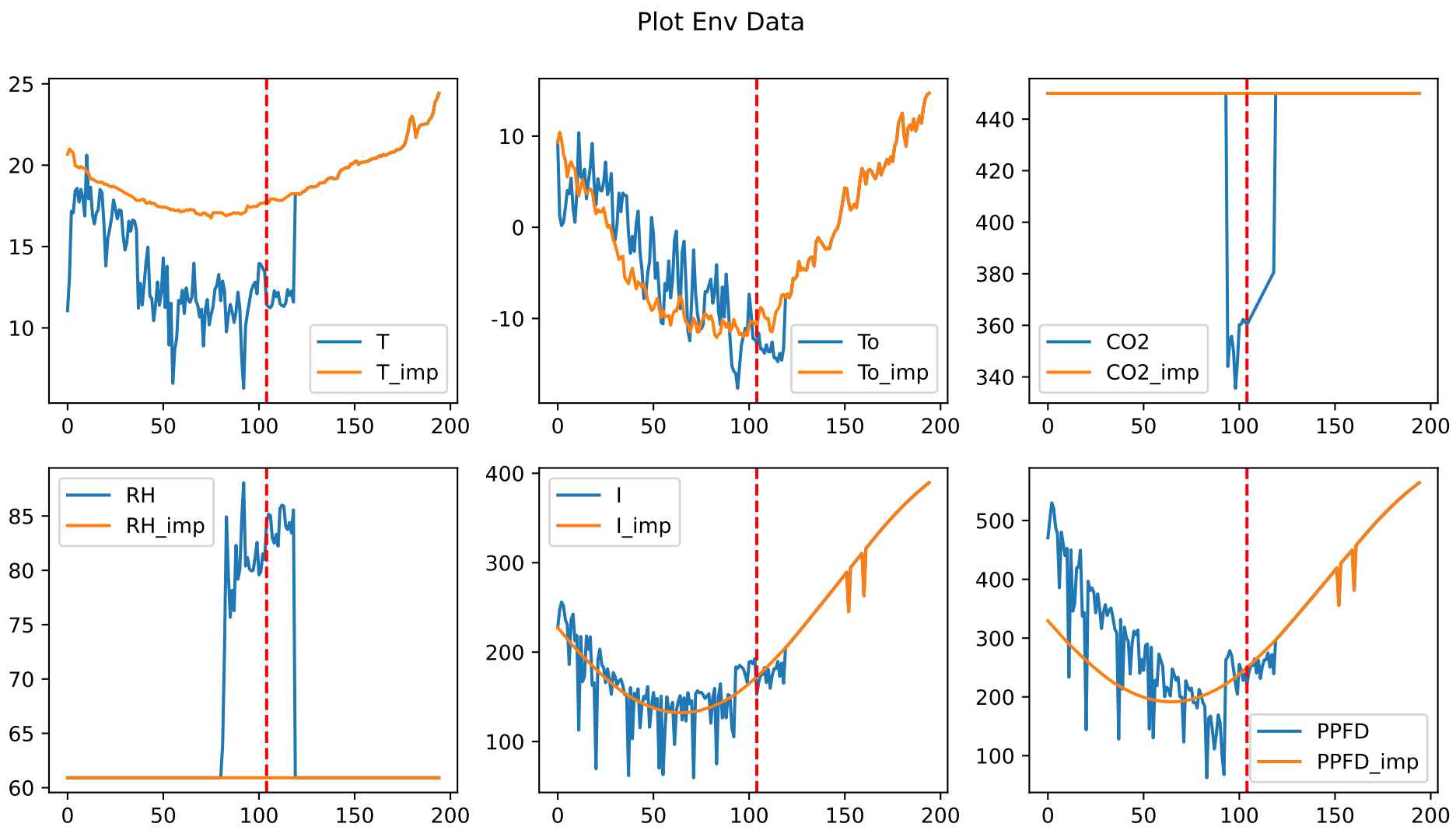

P10AE TsN6 (plot by adjDAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
20
40
60
80
80
90
100
110
120
130
140
150

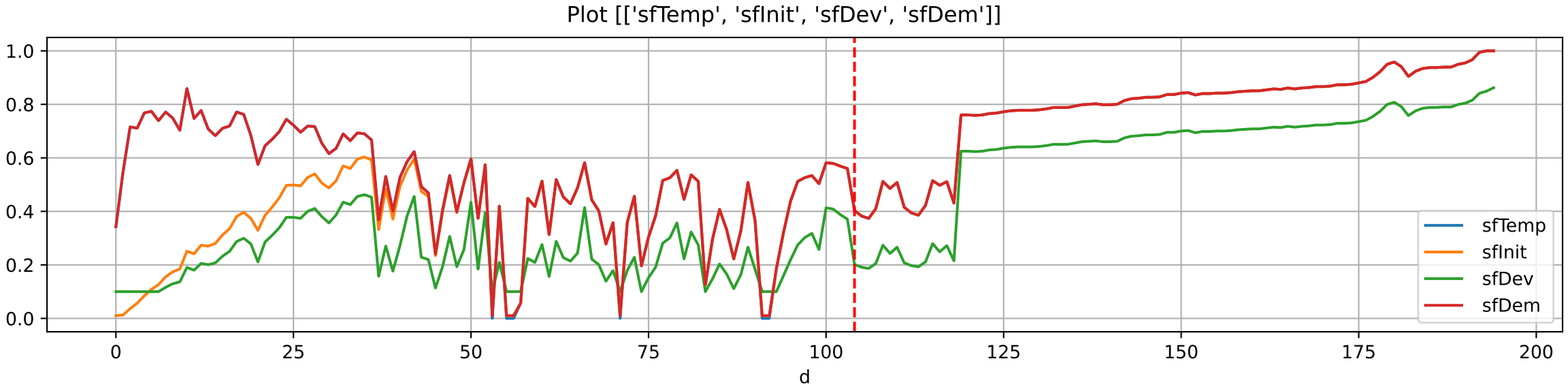

LfA (P10AE)
['S1L7']
['S1L8']
['S1L10']
['S1L11']
['S1L13']
['S1L14']
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0
50
100
150
200

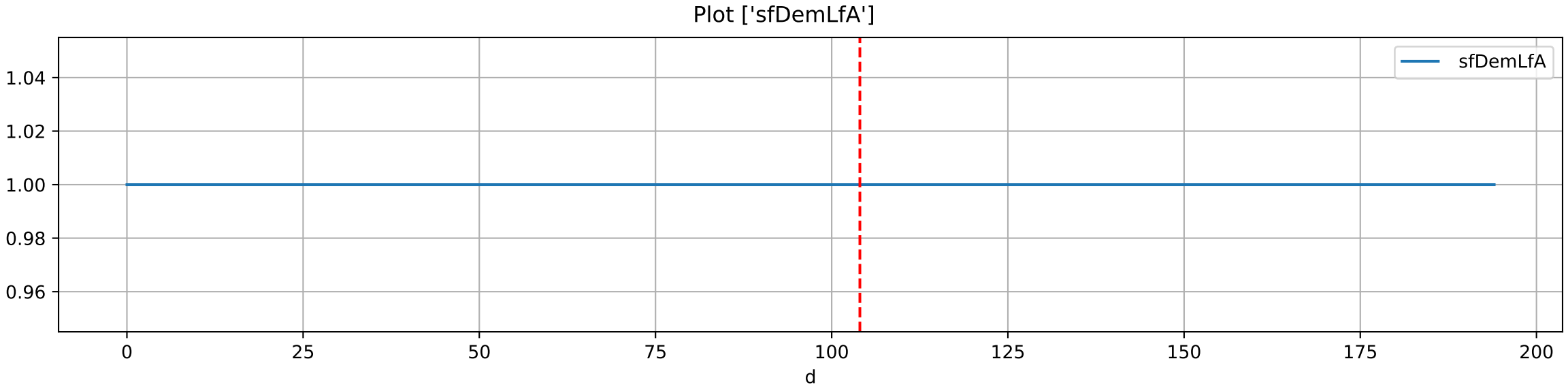

['S1L16']
['S1L17']
['S1L19']
['S1L20']
['S1L22']
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
75
100
125
150
175
200
80
90
95
105
110

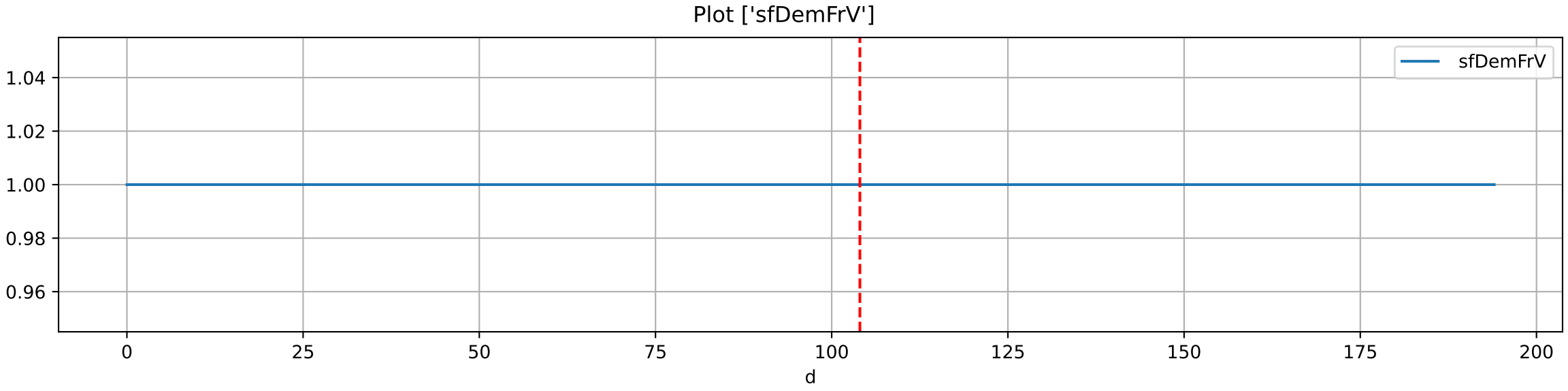

['S1T1Fr1']
['S1T1Fr5']
['S1T2Fr1']
['S1T2Fr5']
['S1T3Fr1']
['S1T3Fr5']
0
20
40
60
80
100
120
140

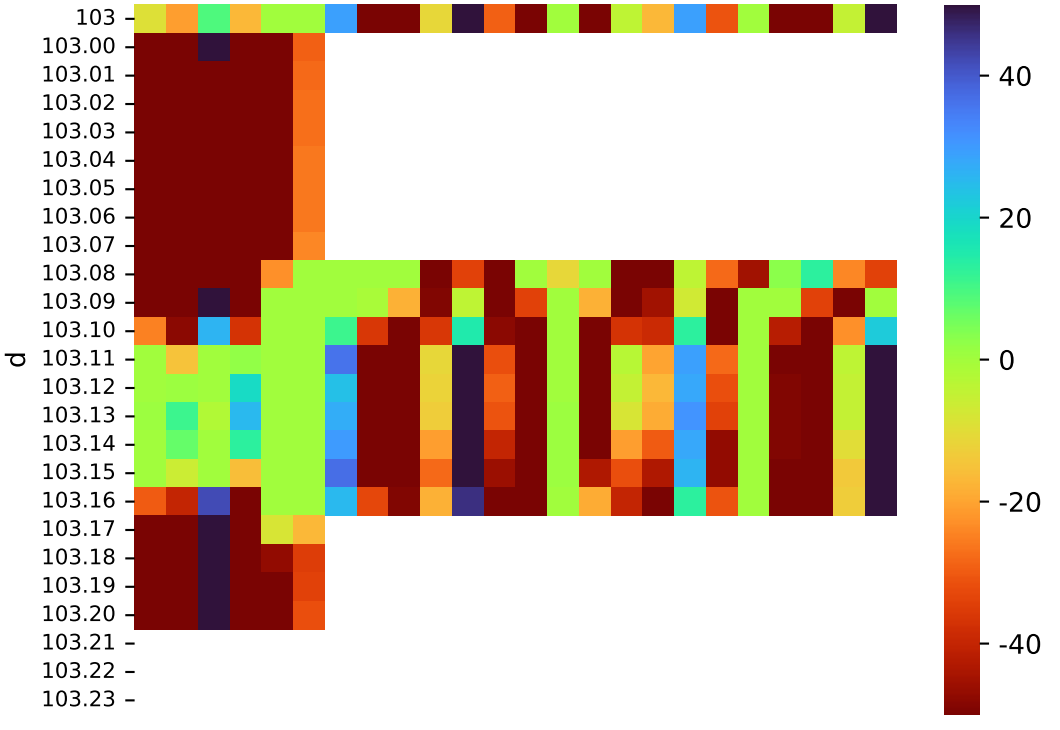

['S1T4Fr1']
['S1T4Fr5']
['S1T5Fr1']
0
20
40
60
80
80
100
120
140


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

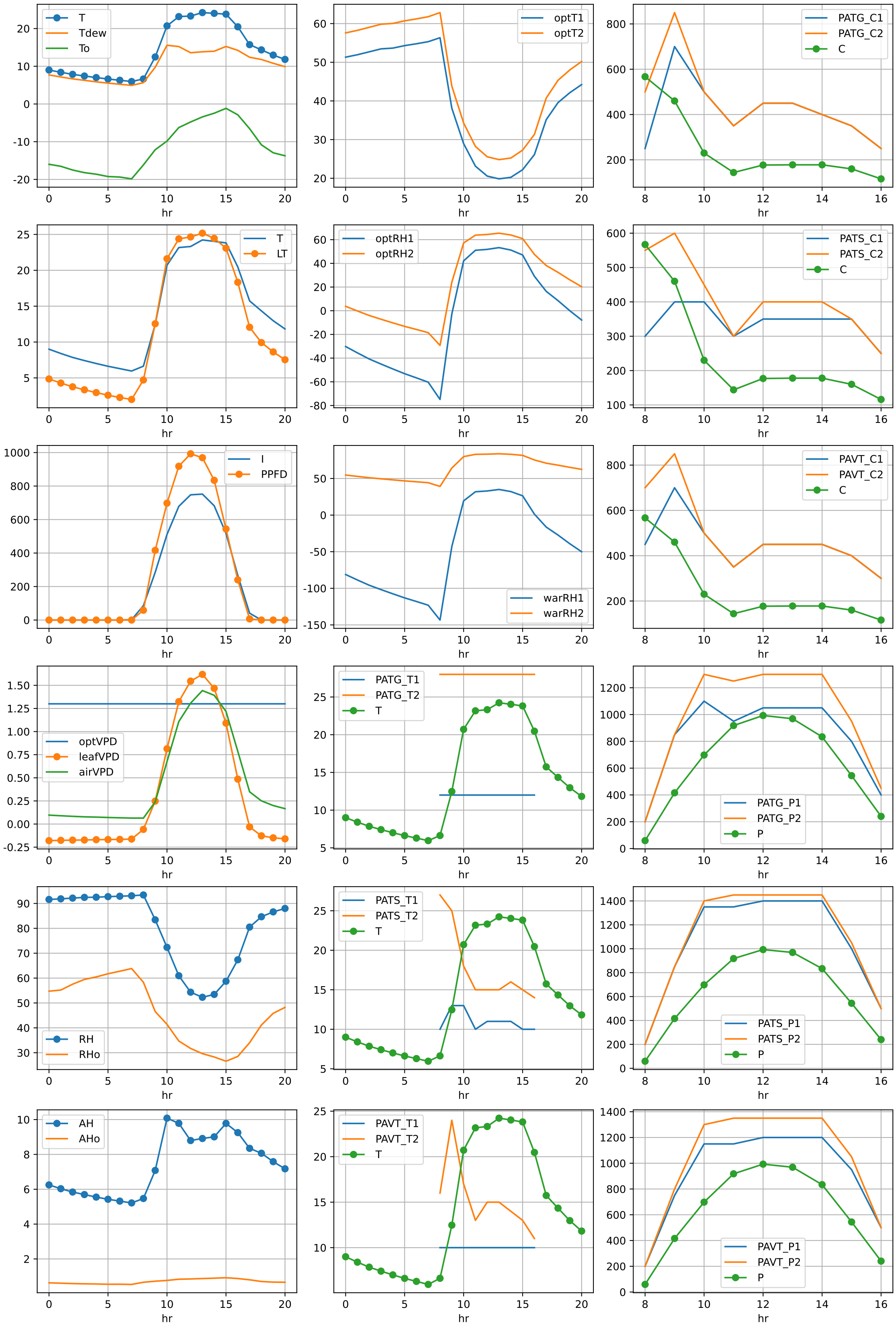

Plot [['sfTemp', 'sfInit', 'sfDev', 'sfDem']]
1.0
0.8
0.6
0.4
0.2
0.0
0
25
50
75
100
125
150
175
200
d
sfTemp
sfInit
sfDev
sfDem

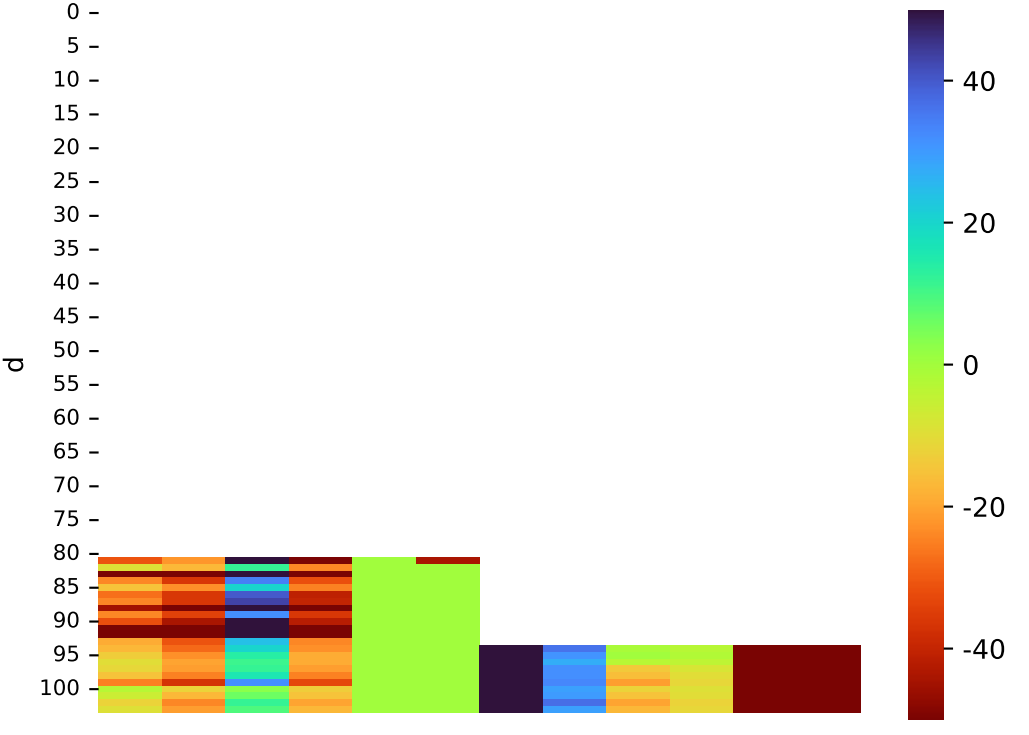

Plot ['sfDemLfA']
sfDemLfA
1.04
1.02
1.00
0.98
0.96
0
25
50
75
100
125
150
175
200
d


Plot ['sfDemFrV']
sfDemFrV
1.04
1.02
1.00
0.98
0.96
0
25
50
75
100
125
150
175
200
d


d
103
103.00
103.01
103.02
103.03
103.04
103.05
103.06
103.07
103.08
103.09
103.10
103.11
103.12
103.13
103.14
103.15
103.16
103.17
103.18
103.19
103.20
103.21
103.22
103.23
40
20
0
-20
-40

Plot EnvOpt Decision




d
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
40
20
0
-20
-40