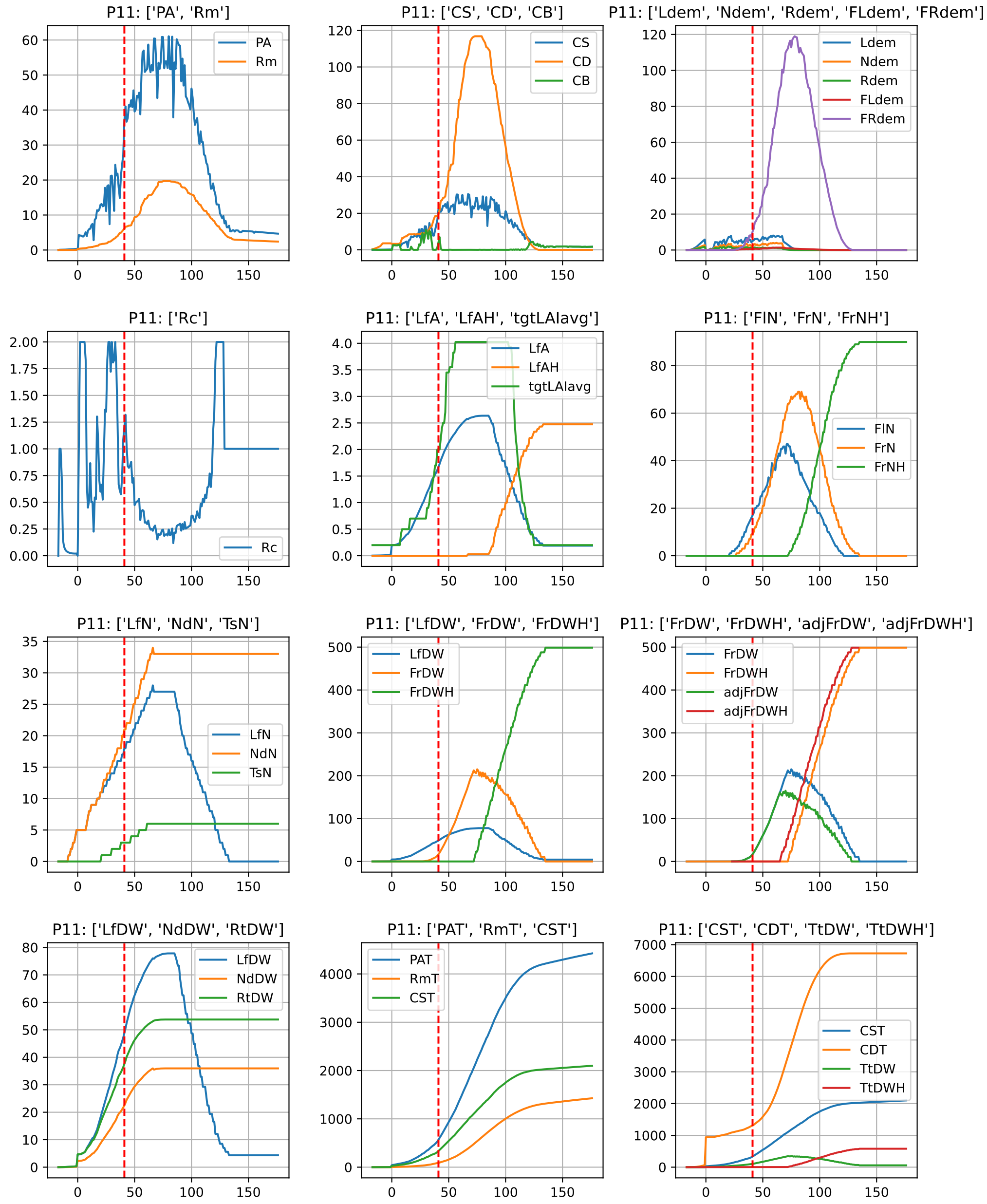
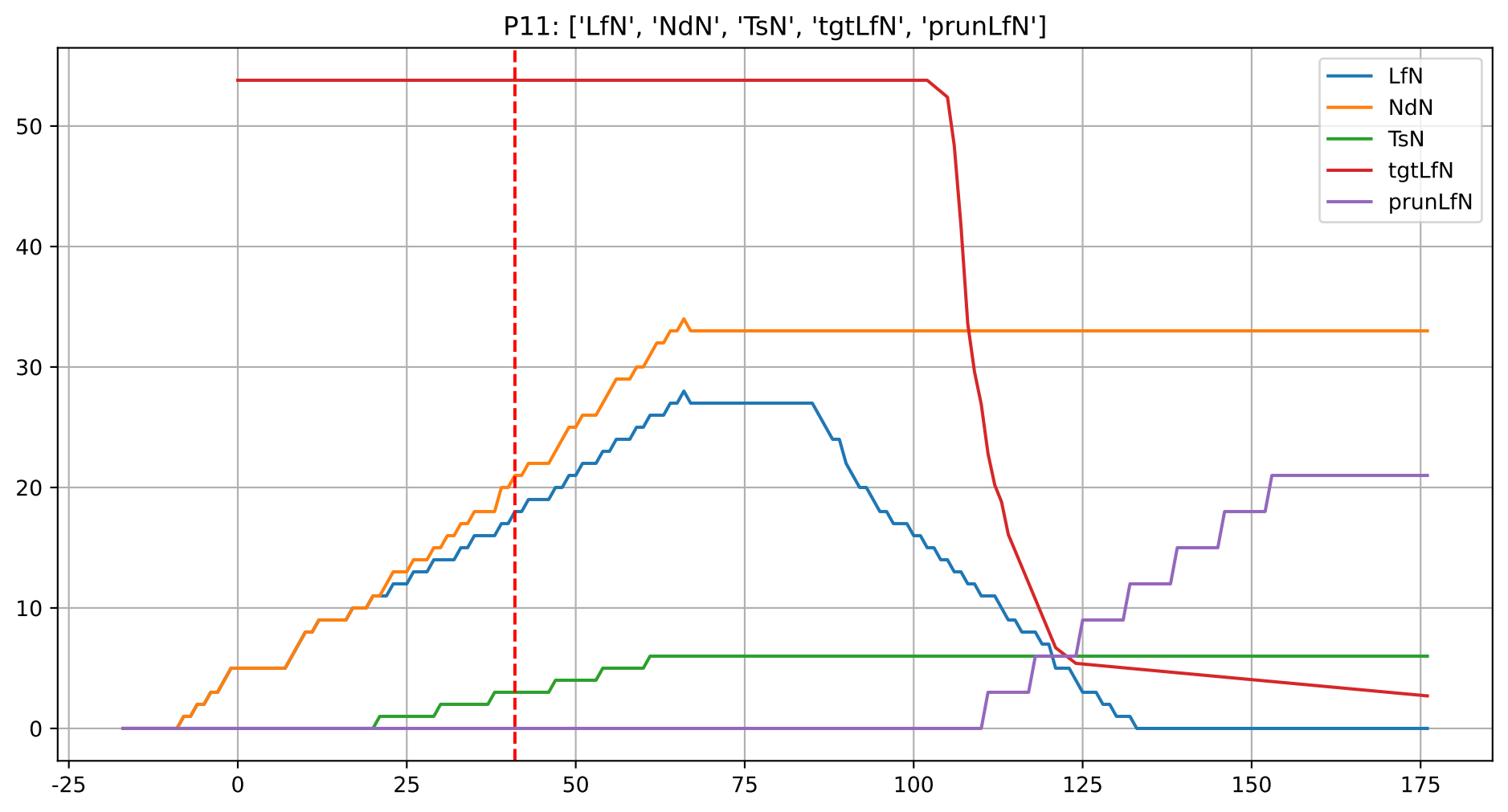
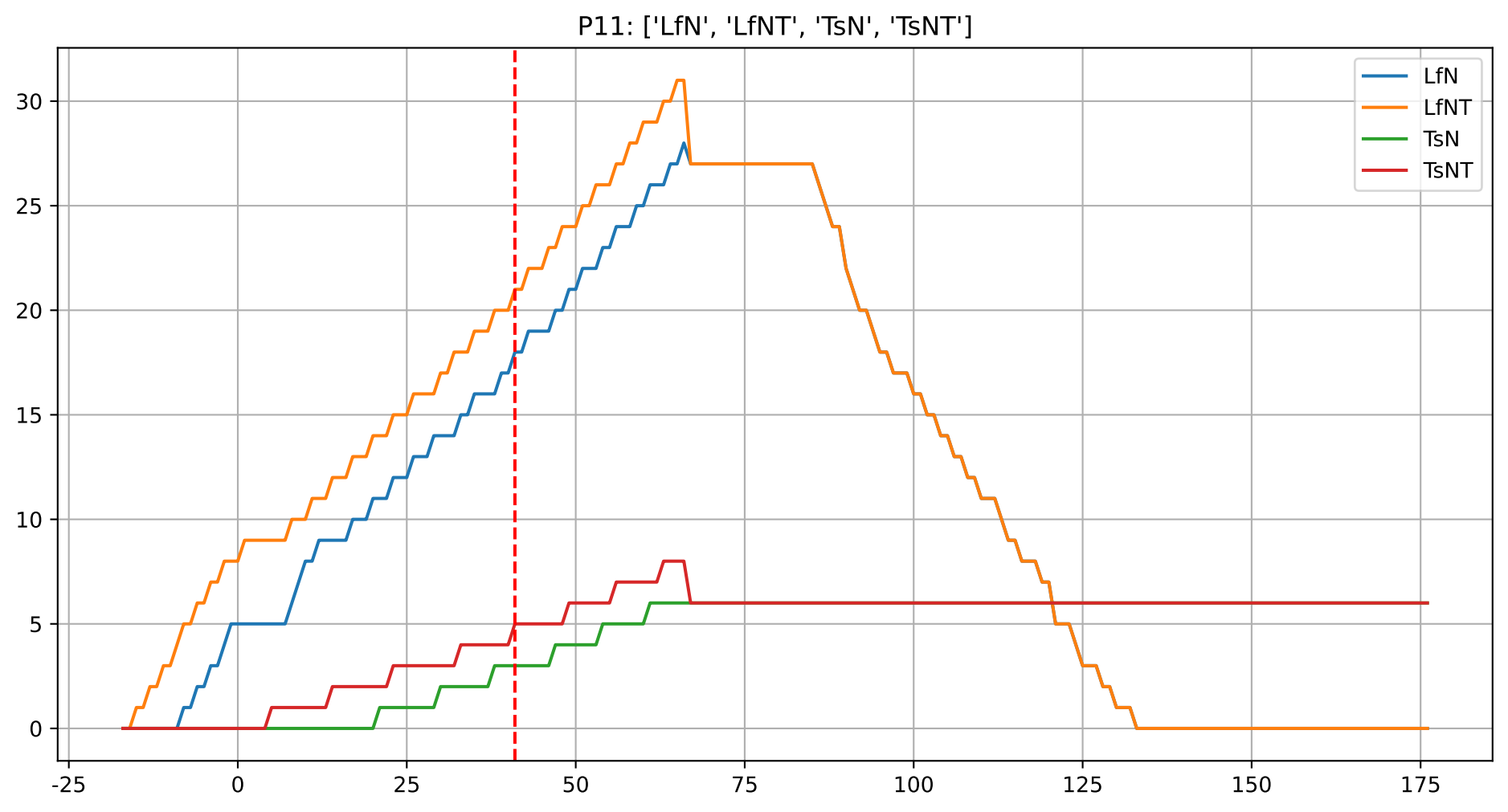
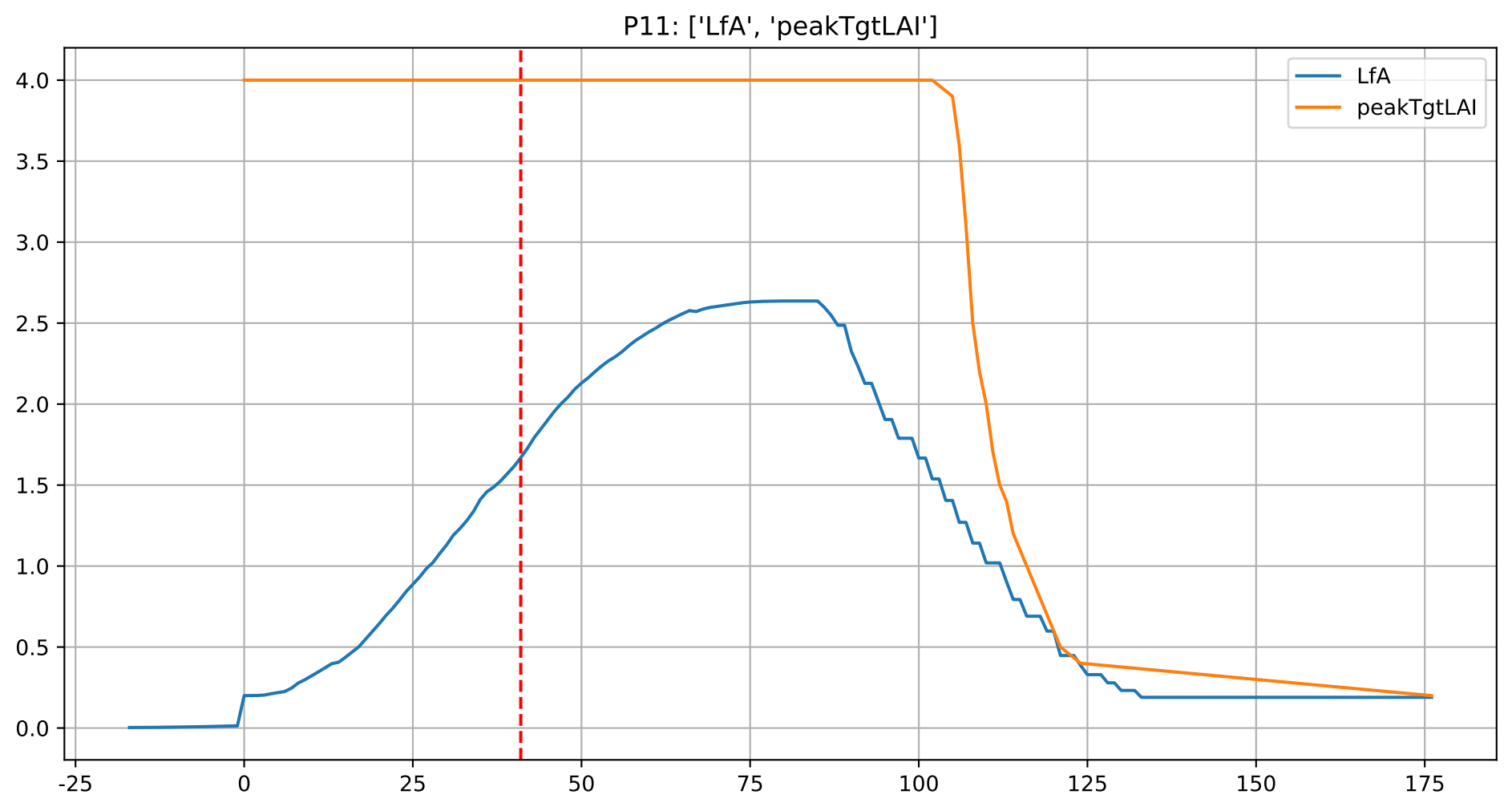
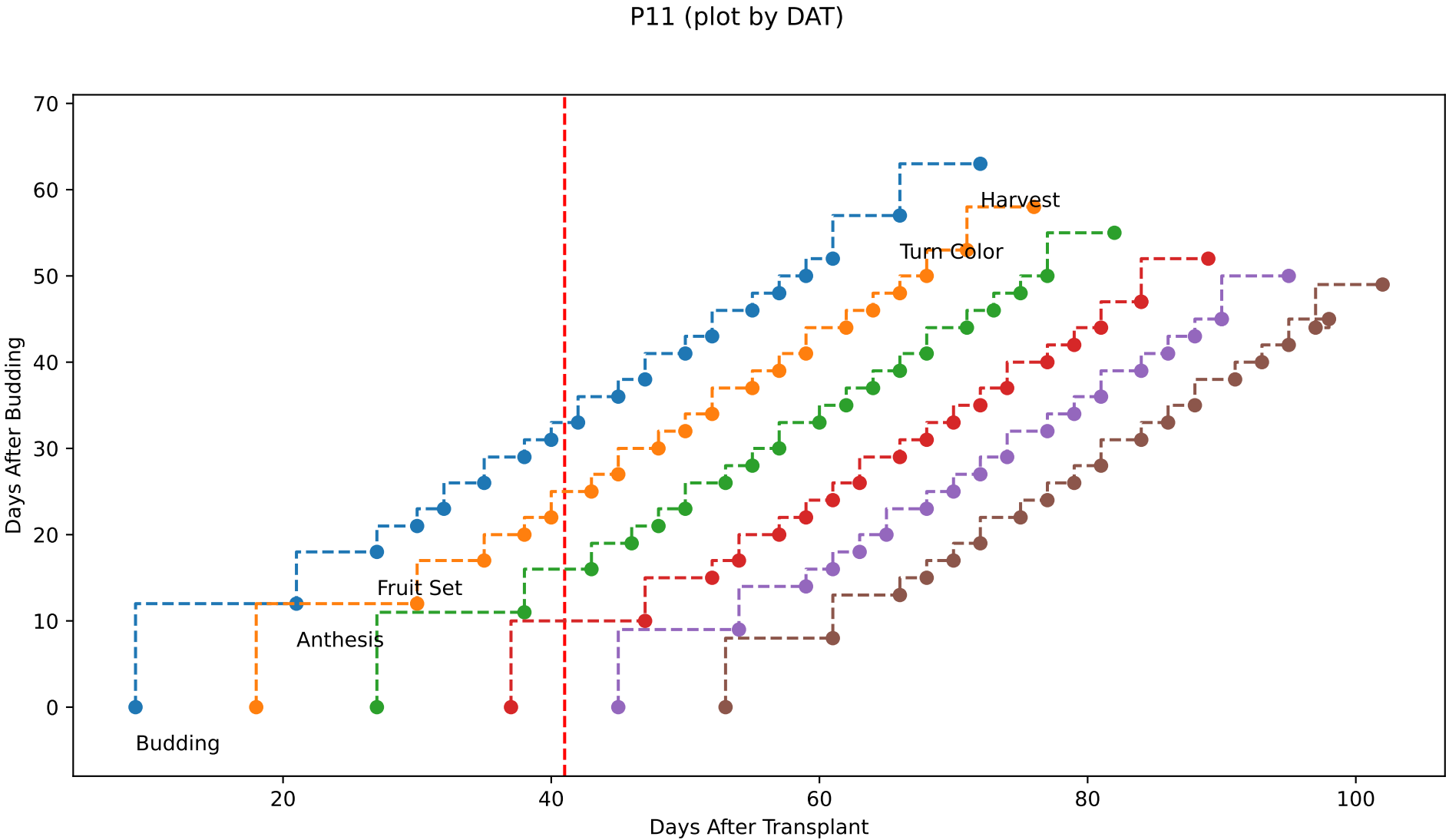
Model Prediction (P11)

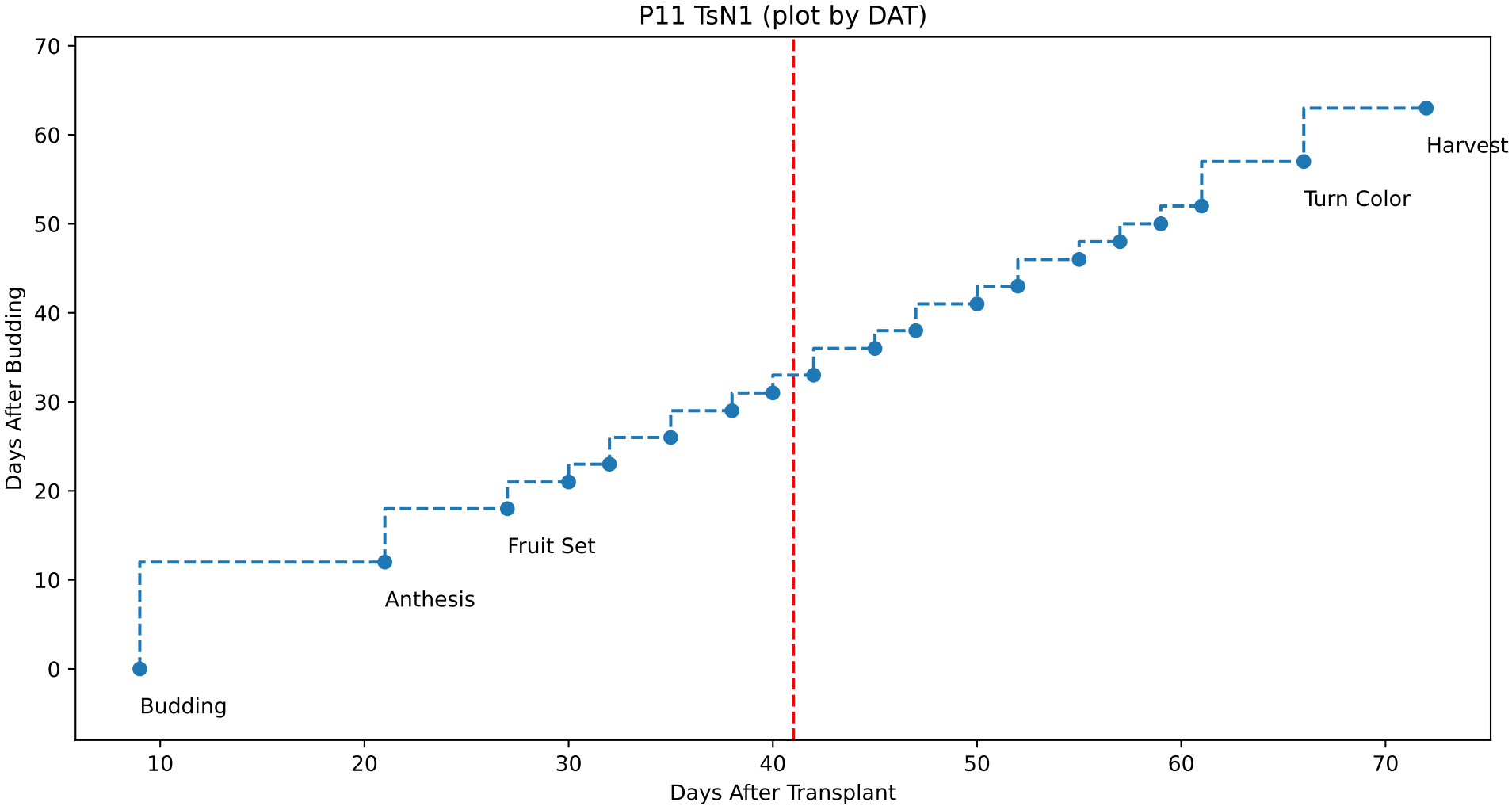


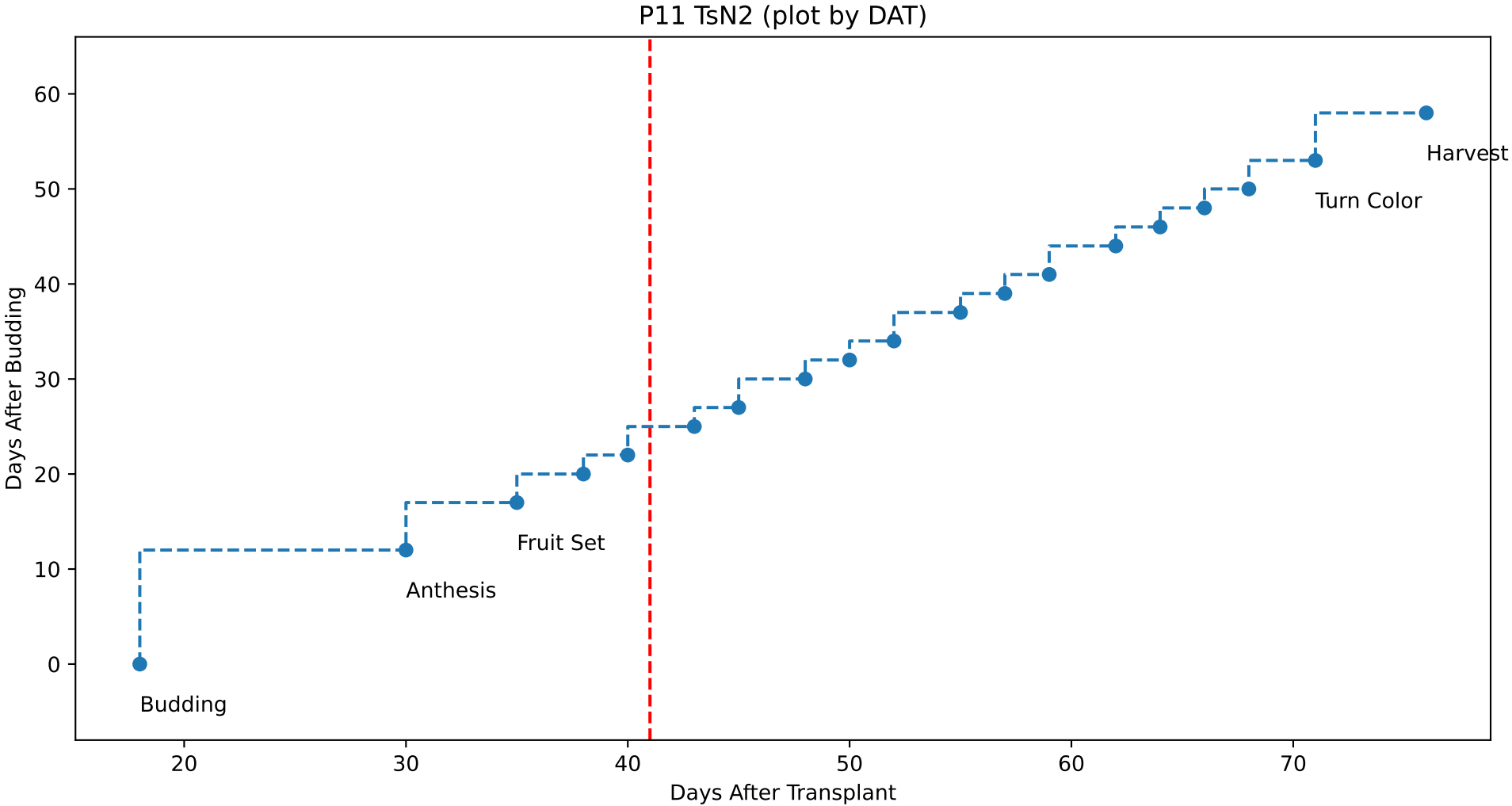

P11: ['LfN', 'NdN', 'TsN', 'tgtLfN', 'prunLfN']
LfN
NdN
TsN
tgtLfN
prunLfN
50
40
30
20
10
0
-25
0
25
50
75
100
125
150
175

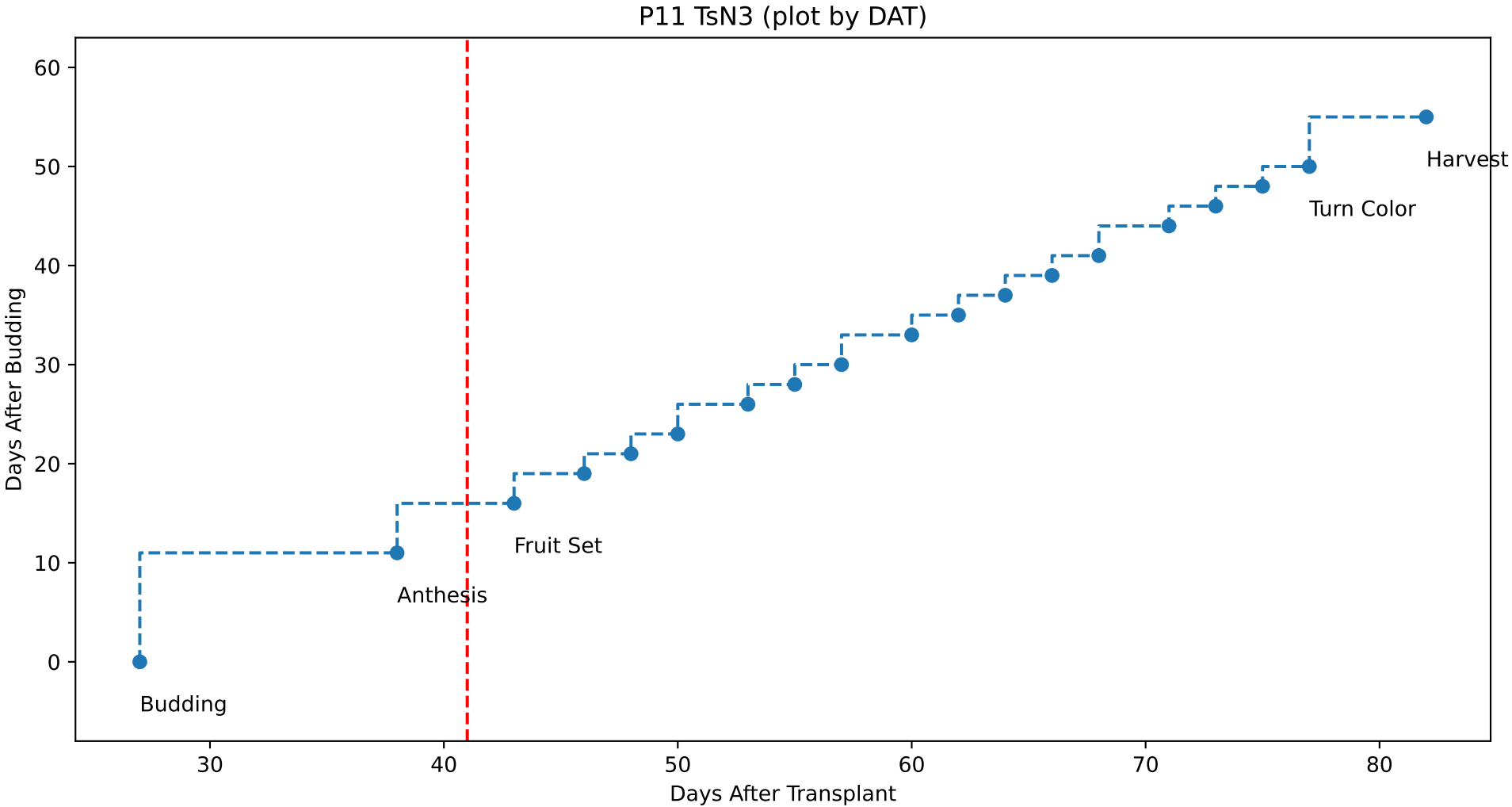

P11: ['LfN', 'LfNT', 'TsN', 'TsNT']
LfN
LfNT
TsN
TsNT
30
25
20
15
10
5
0
-25
0
25
50
75
100
125
150
175

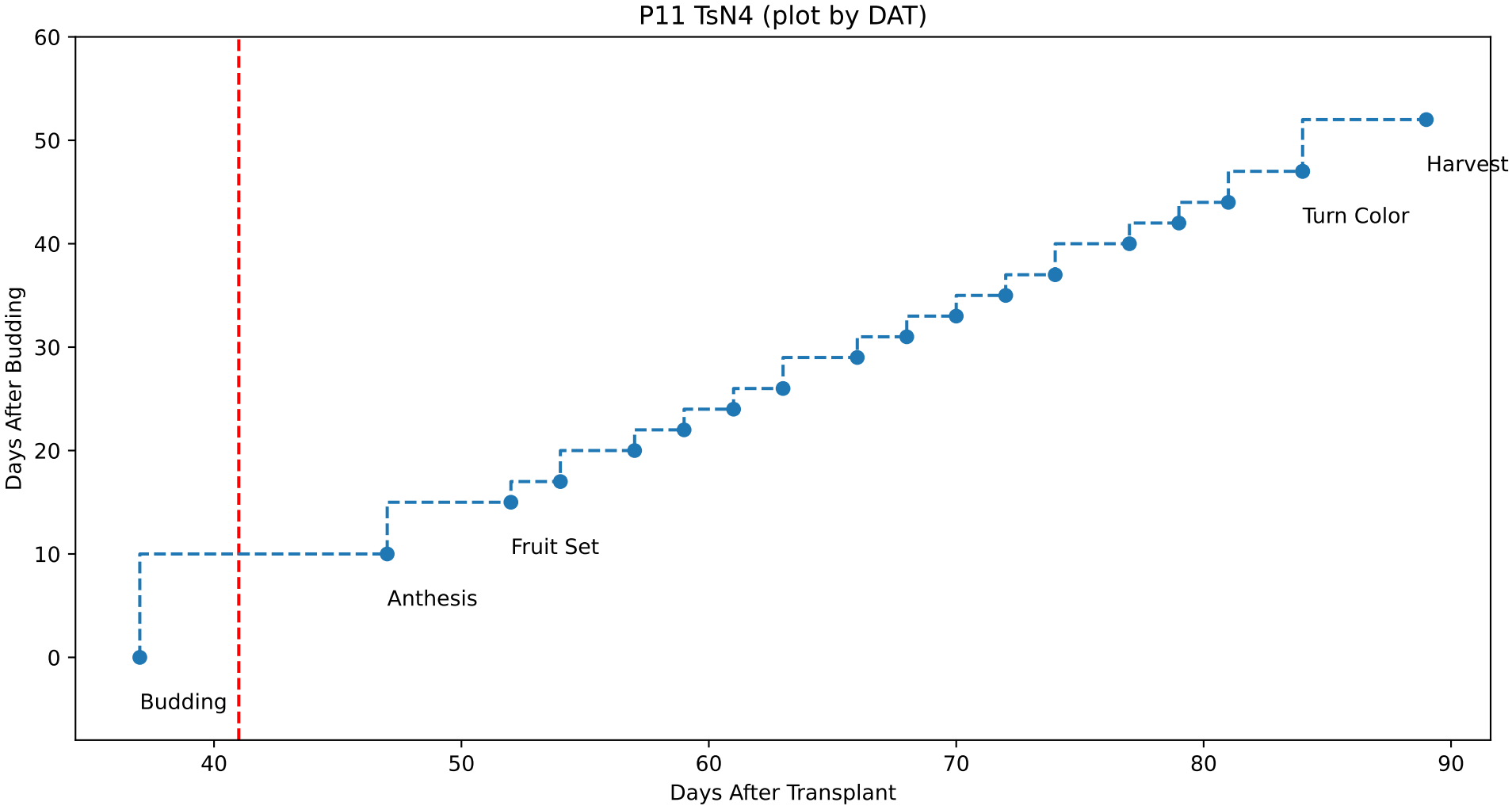

P11: ['LfA', 'peakTgtLAI']
LfA
peakTgtLAI
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-25
0
25
50
75
100
125
150
175

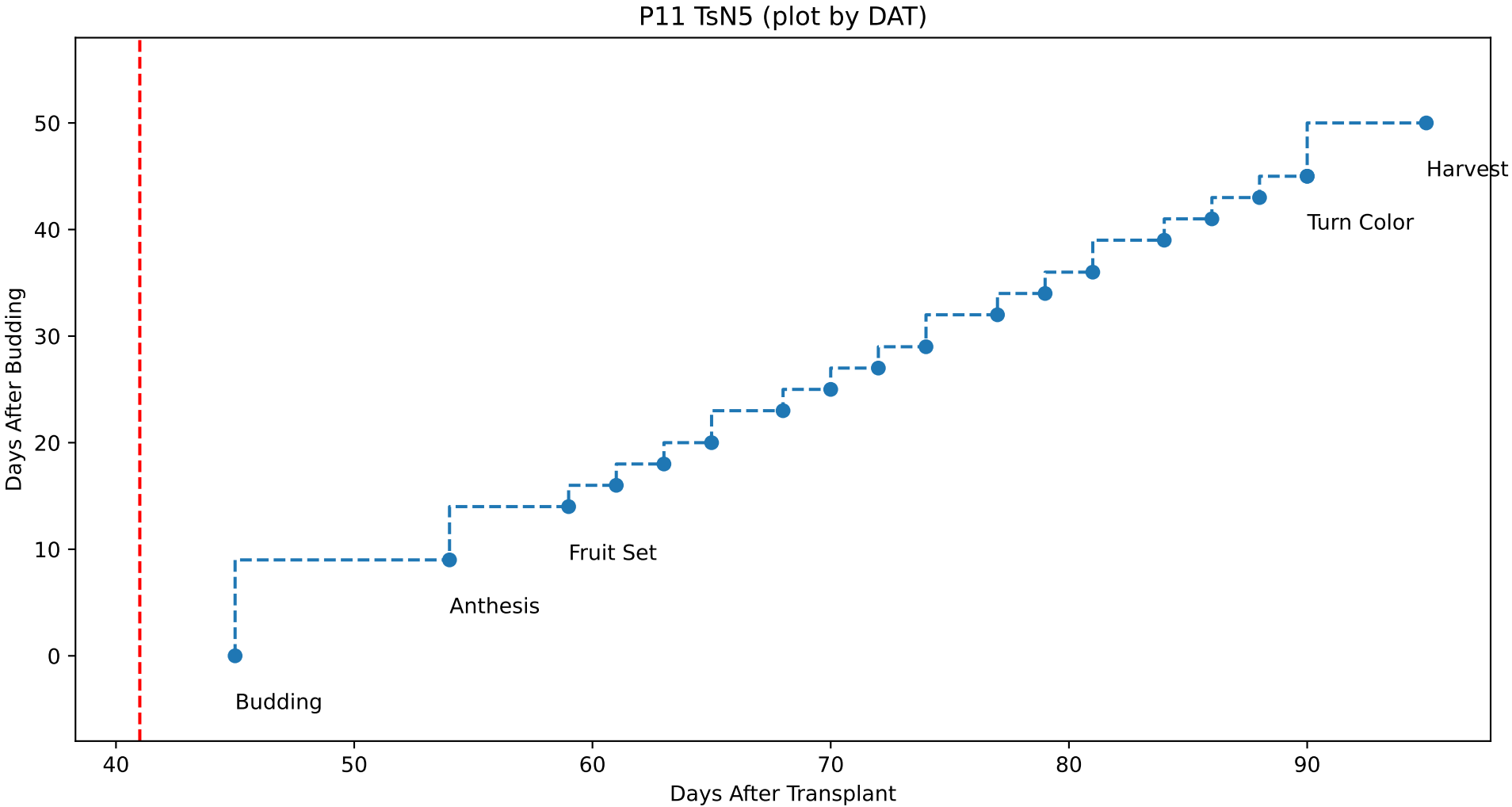

P11 (plot by DAT)
Harvest
Turn Color
Fruit Set
Anthesis
Budding
Days After Budding
Days After Transplant
70
60
50
40
30
20
10
0
20
40
60
80
100

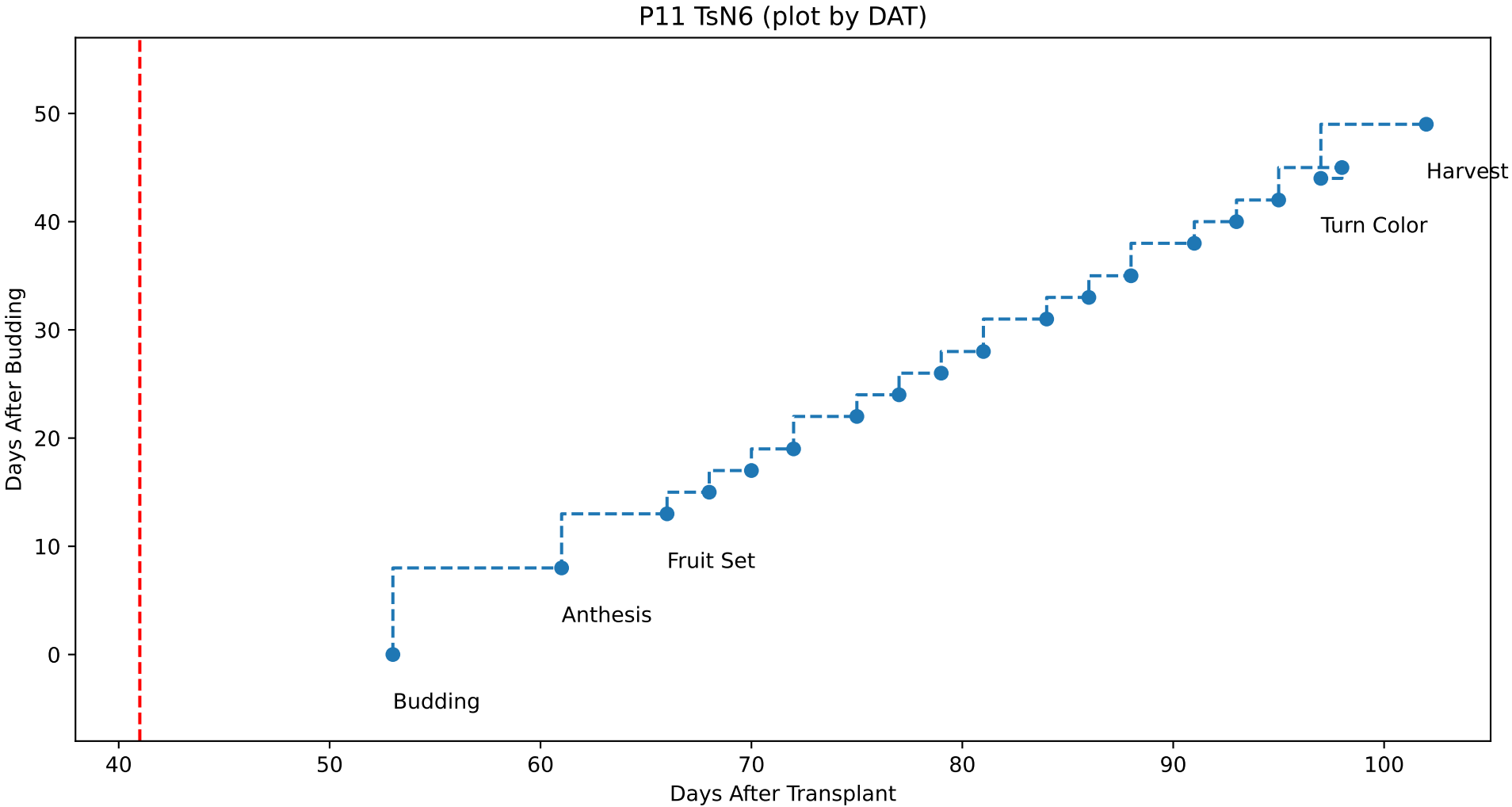

P11 TsN1 (plot by DAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70

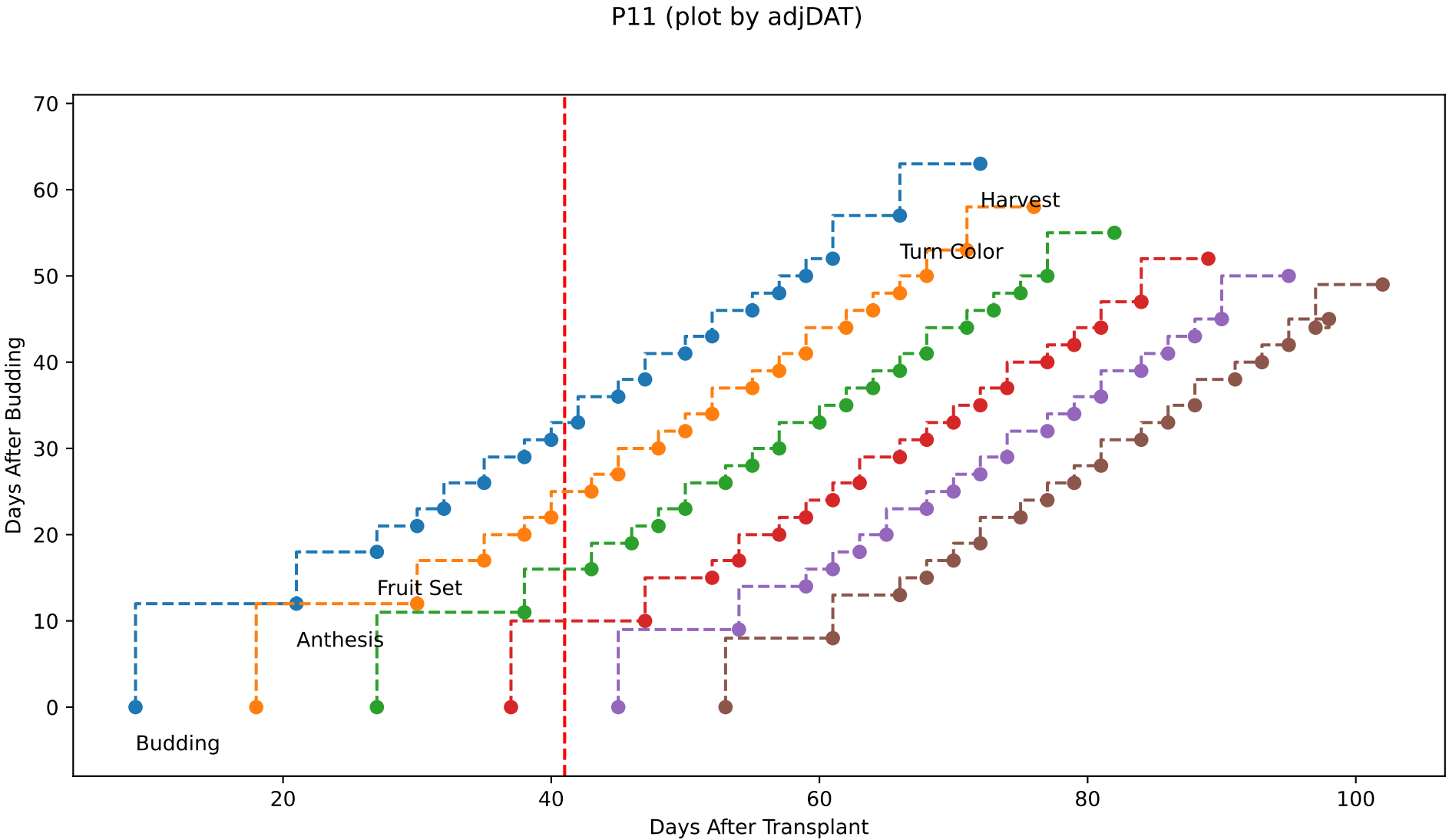

P11 TsN2 (plot by DAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
10
20
30
40
50
60
20
30
40
50
60
70

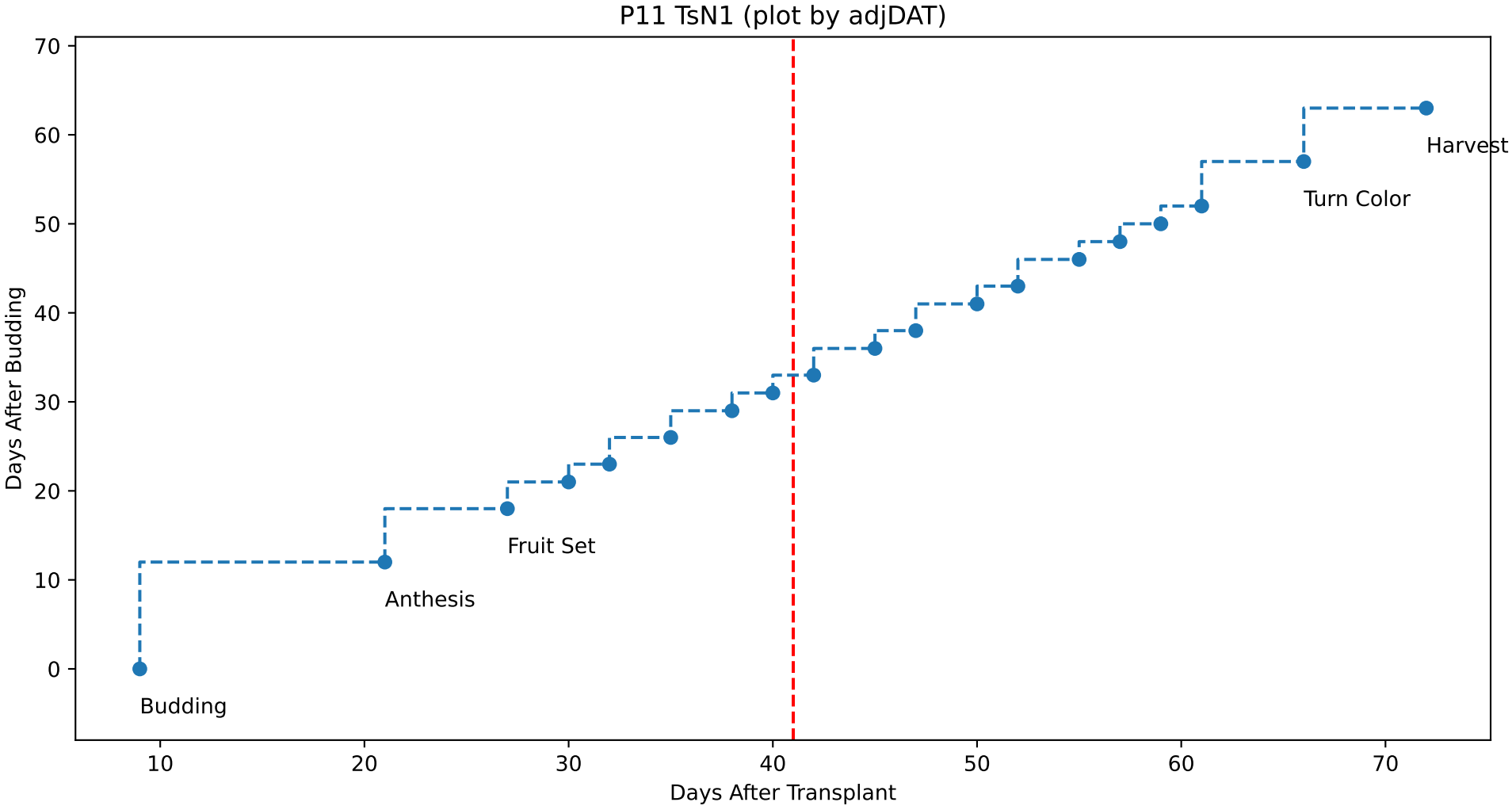

P11 TsN3 (plot by DAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
10
20
30
40
50
60
30
40
50
60
70
80

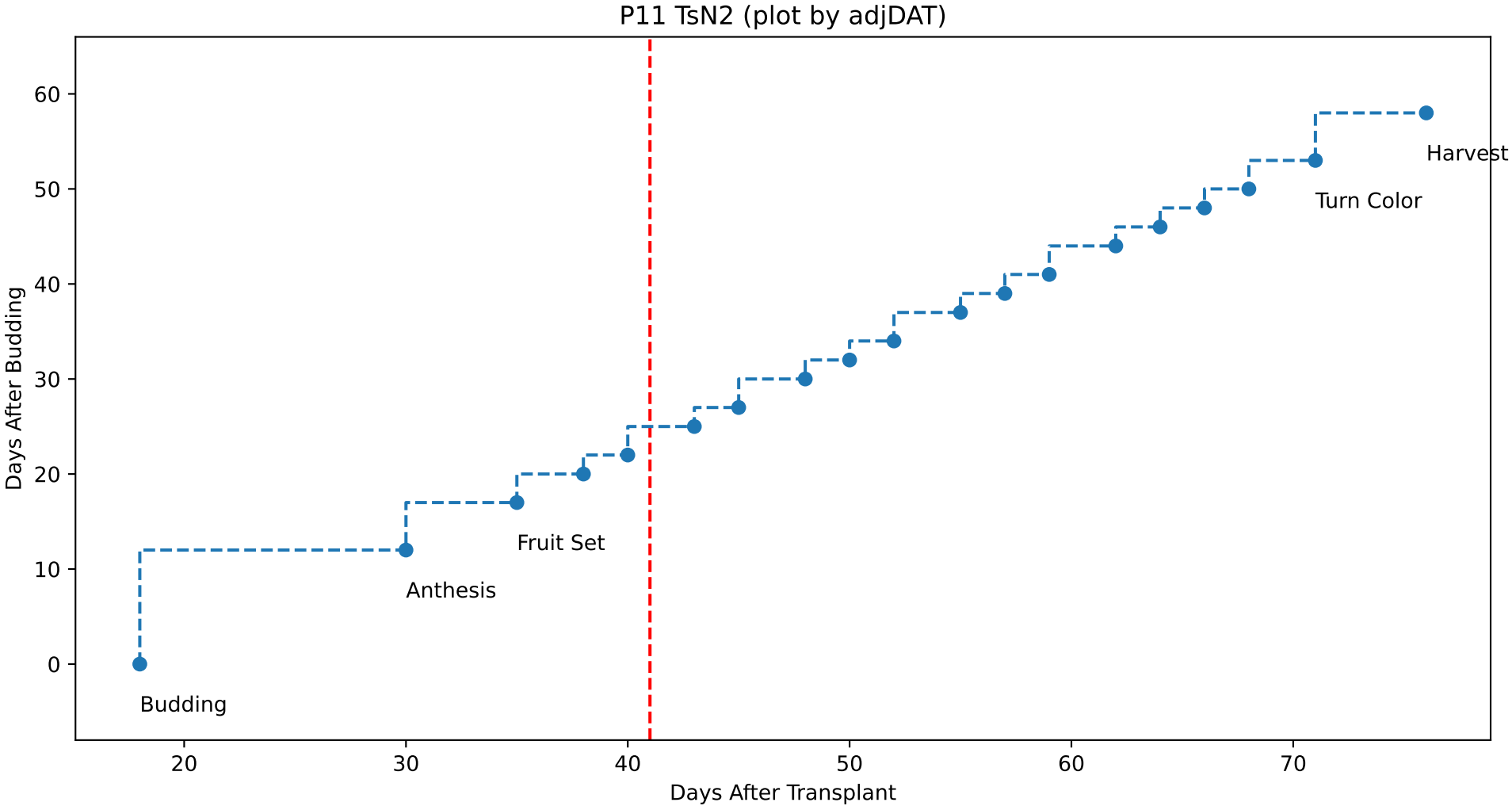

P11 TsN4 (plot by DAT)
Days After Budding
Days After Transplant
60
50
40
30
20
10
0
40
50
60
70
80
90
Budding
Anthesis
Fruit Set
Turn Color
Harvest

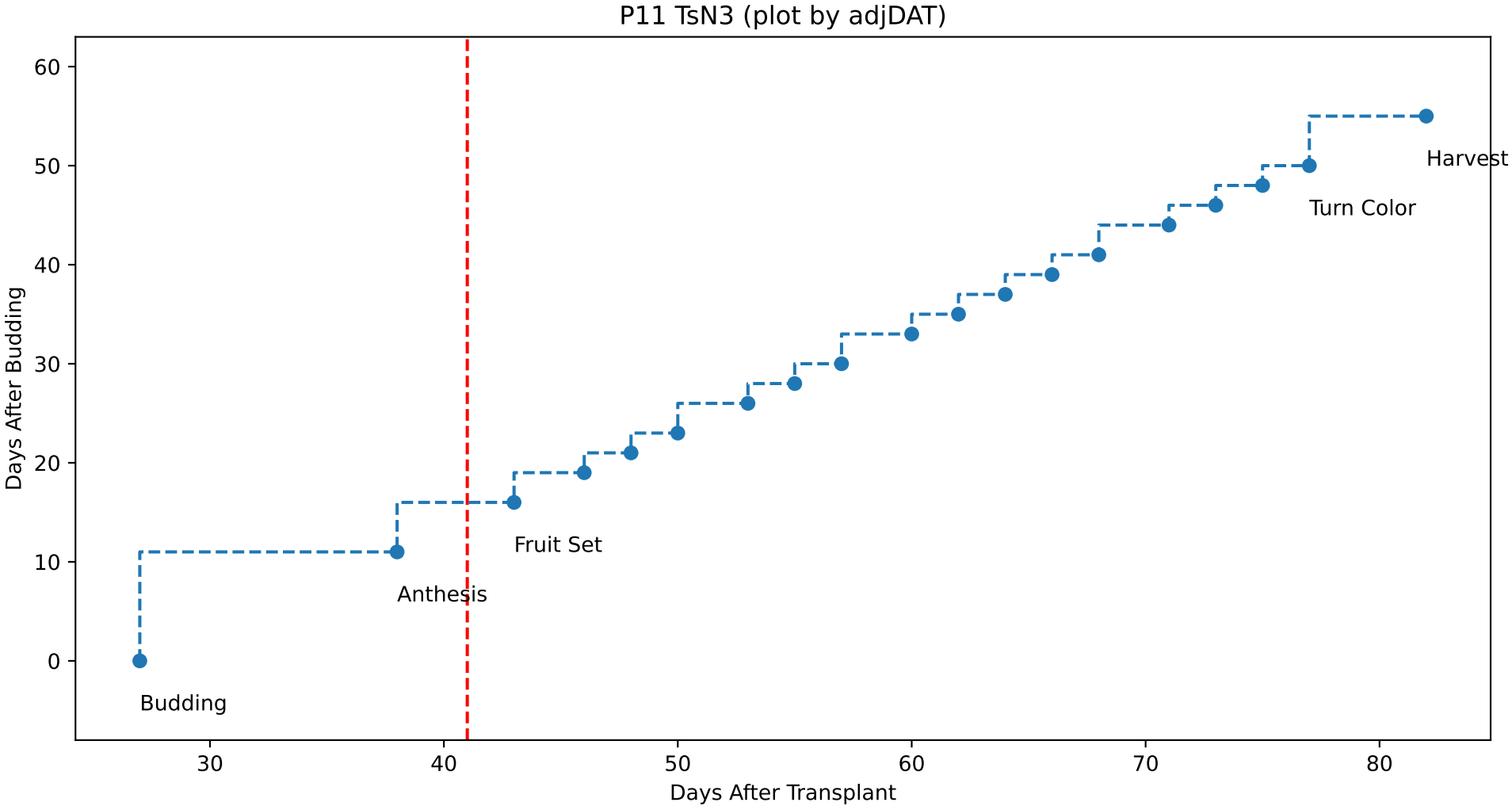

P11 TsN5 (plot by DAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
10
20
30
40
50
40
50
60
70
80
90

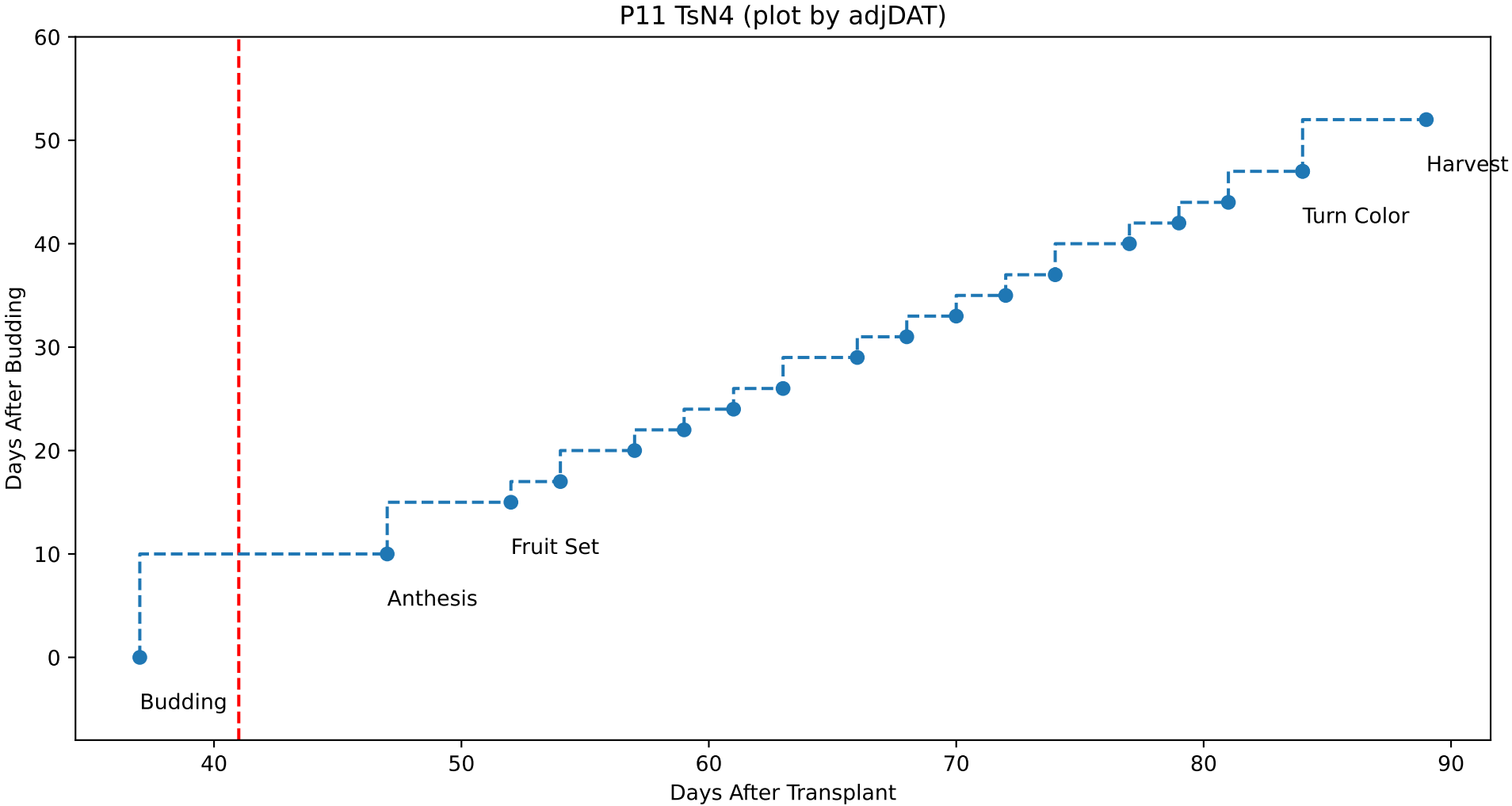

P11 TsN6 (plot by DAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
10
20
30
40
50
40
50
60
70
80
90
100

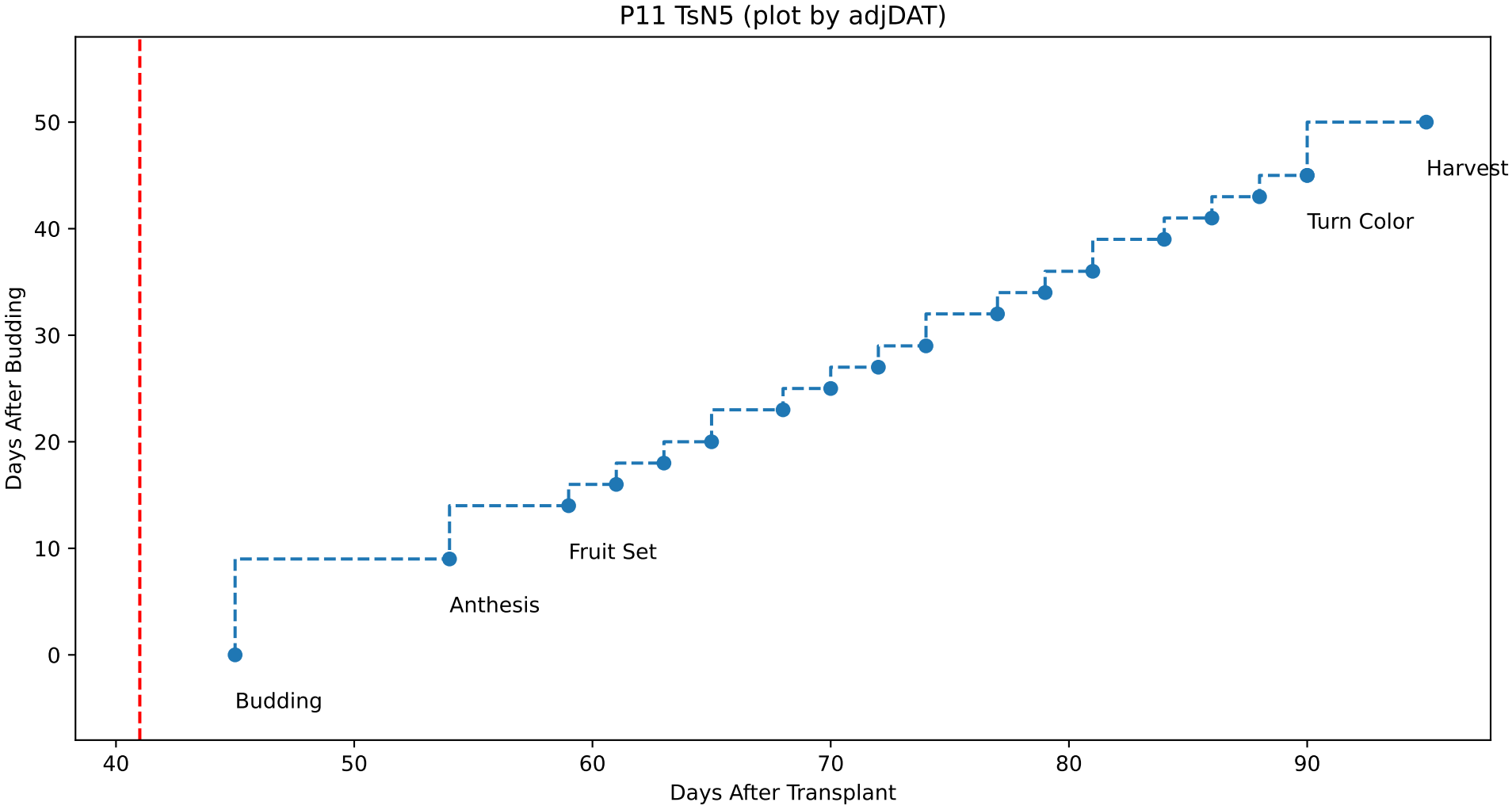

P11 (plot by adjDAT)
Harvest
Turn Color
Fruit Set
Anthesis
Budding
Days After Budding
Days After Transplant
70
60
50
40
30
20
10
0
20
40
60
80
100

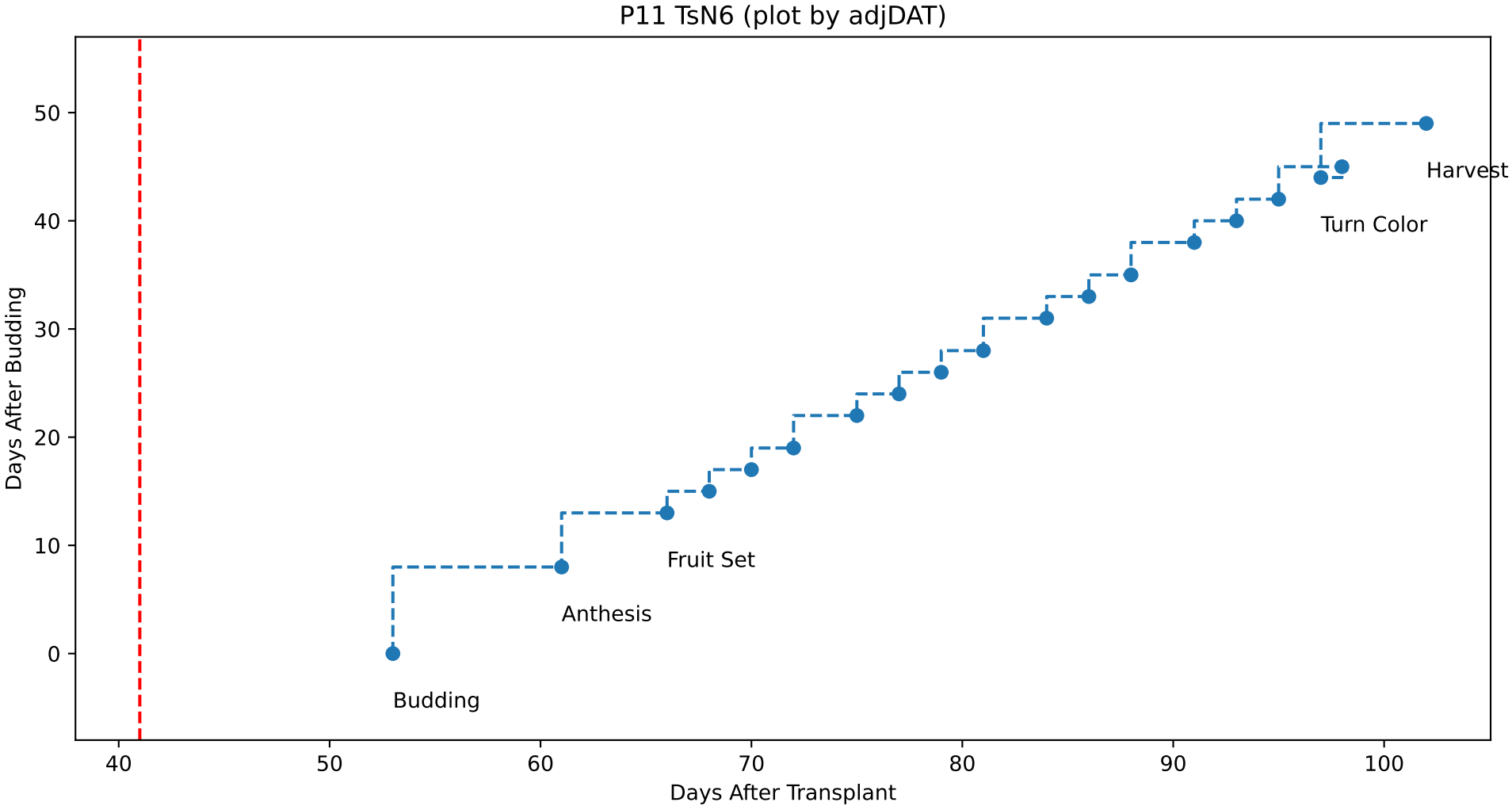

P11 TsN1 (plot by adjDAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70

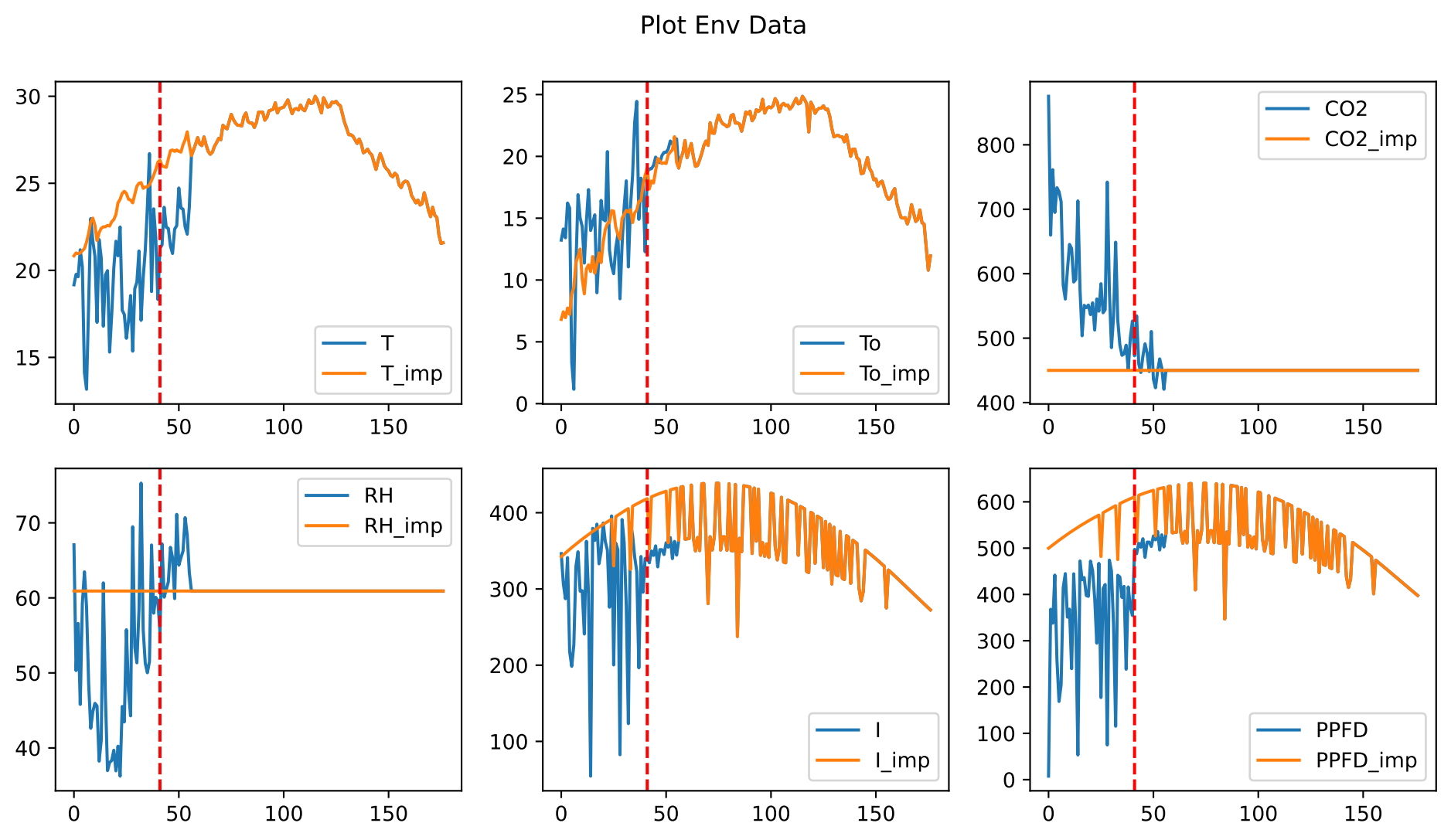

P11 TsN2 (plot by adjDAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
10
20
30
40
50
60
20
30
40
50
60
70

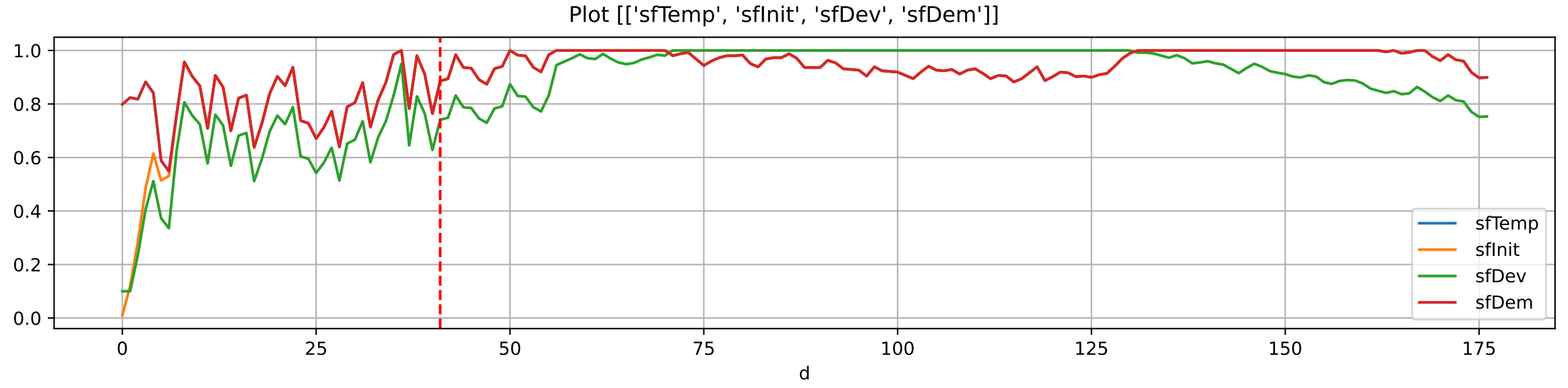

P11 TsN3 (plot by adjDAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
10
20
30
40
50
60
30
40
50
60
70
80

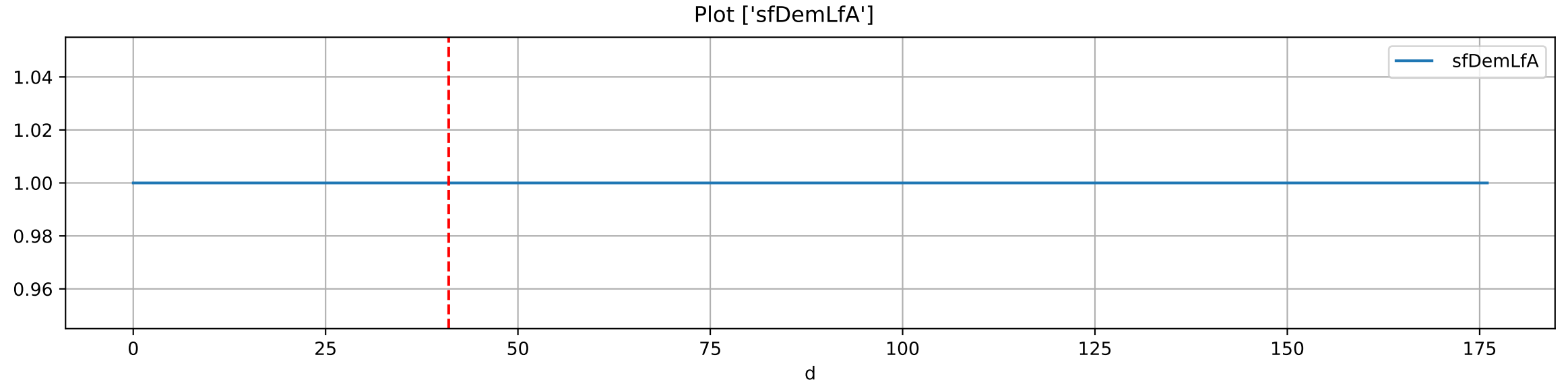

P11 TsN4 (plot by adjDAT)
Days After Budding
Days After Transplant
60
50
40
30
20
10
0
40
50
60
70
80
90
Budding
Anthesis
Fruit Set
Turn Color
Harvest

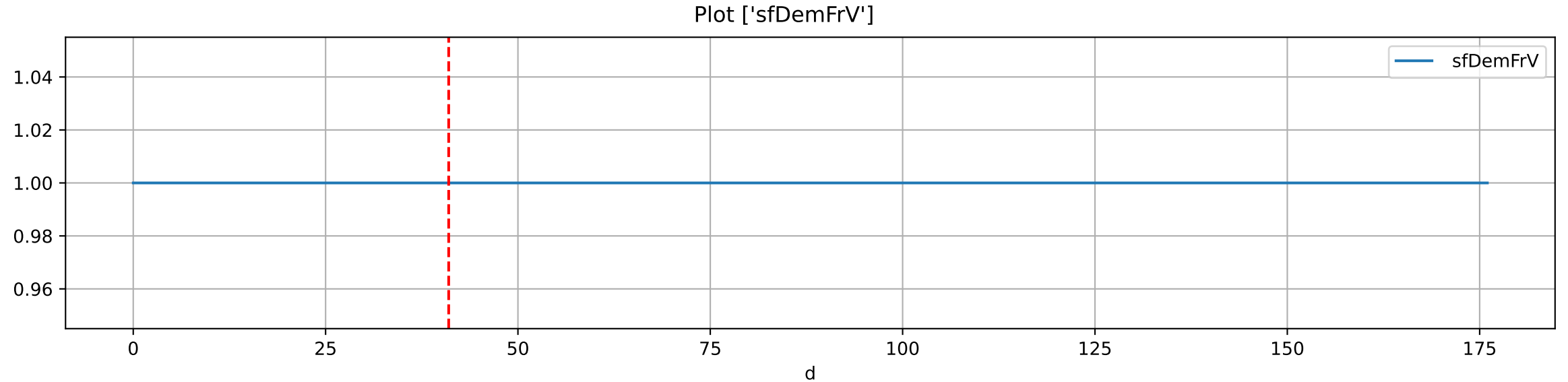

P11 TsN5 (plot by adjDAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
10
20
30
40
50
40
50
60
70
80
90

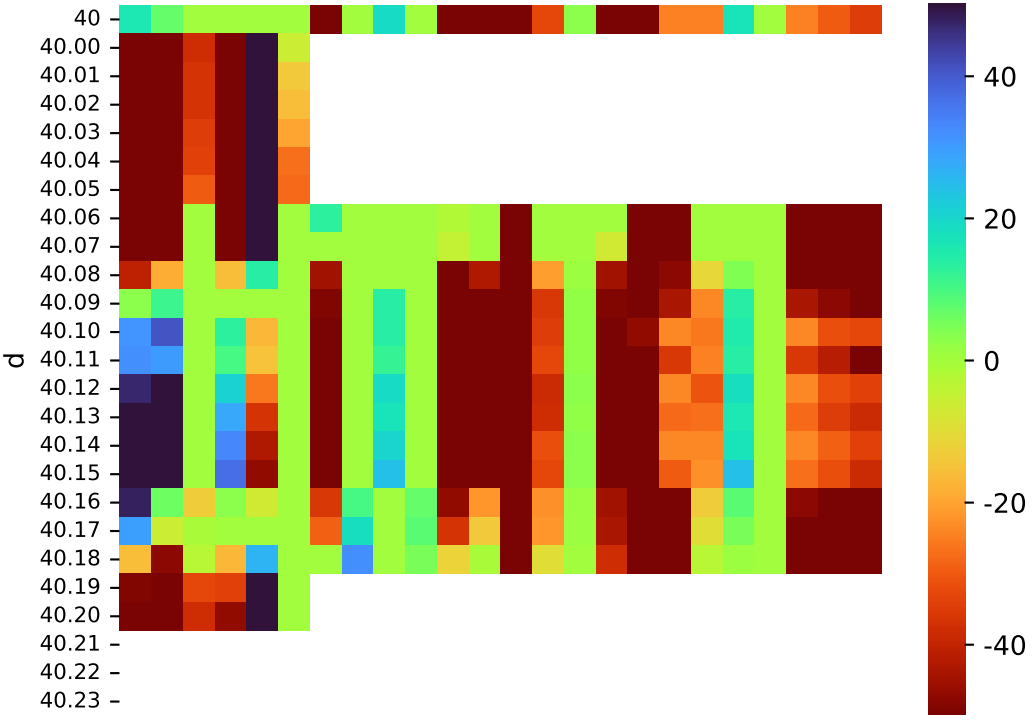

P11 TsN6 (plot by adjDAT)
Days After Budding
Days After Transplant
Budding
Anthesis
Fruit Set
Turn Color
Harvest
0
10
20
30
40
50
40
50
60
70
80
90
100


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

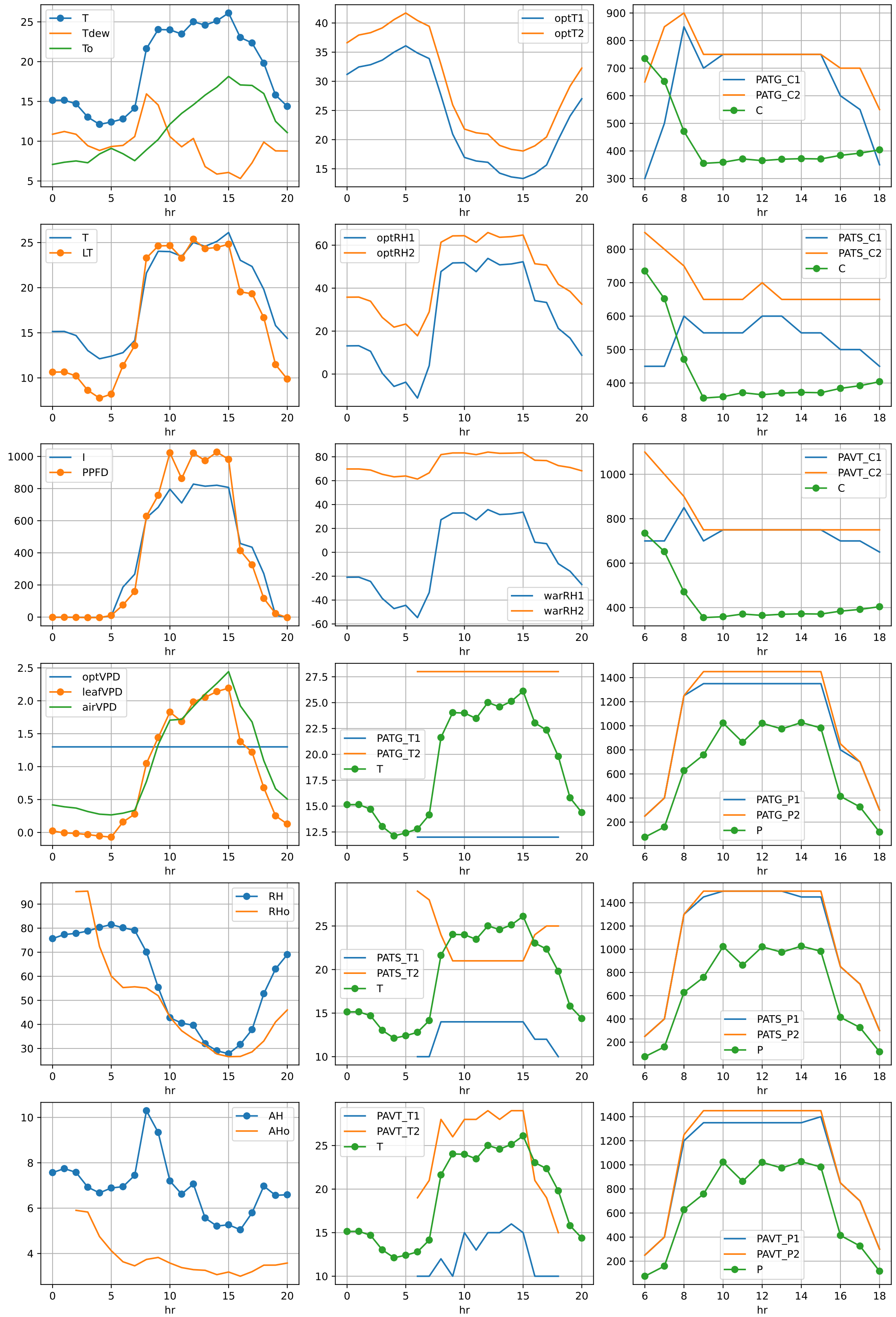

Plot [['sfTemp', 'sfInit', 'sfDev', 'sfDem']]
1.0
0.8
0.6
0.4
0.2
0.0
0
25
50
75
100
125
150
175
d
sfTemp
sfInit
sfDev
sfDem

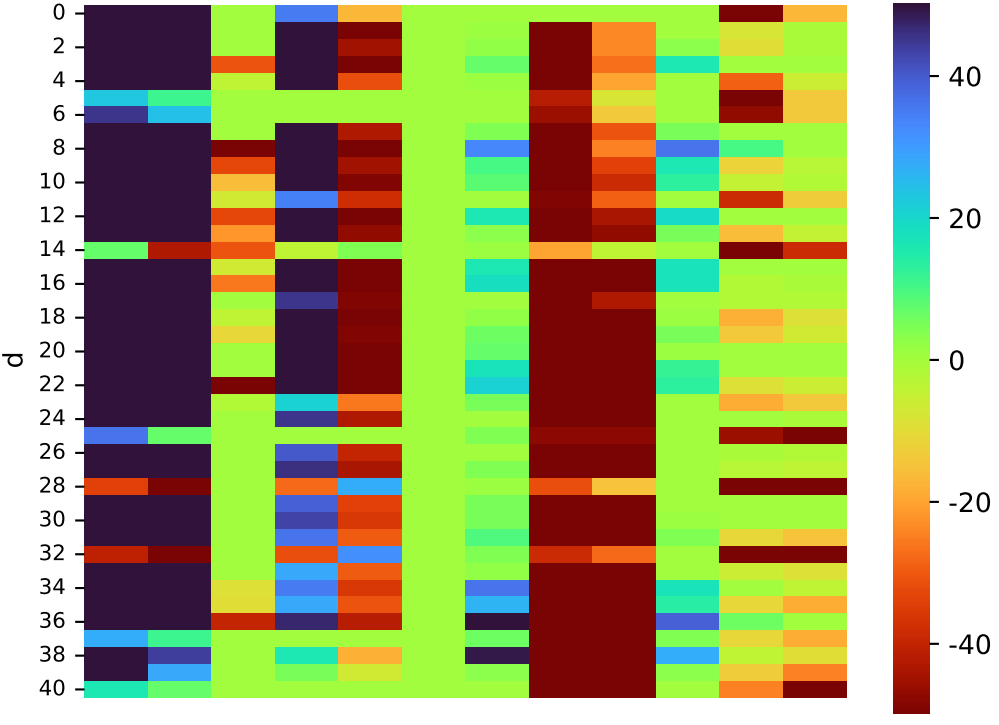

Plot ['sfDemLfA']
sfDemLfA
1.04
1.02
1.00
0.98
0.96
0
25
50
75
100
125
150
175
d


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


d
40
40.00
40.01
40.02
40.03
40.04
40.05
40.06
40.07
40.08
40.09
40.10
40.11
40.12
40.13
40.14
40.15
40.16
40.17
40.18
40.19
40.20
40.21
40.22
40.23
40
20
0
-20
-40

Plot EnvOpt Decision




d
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40
40
20
0
-20
-40