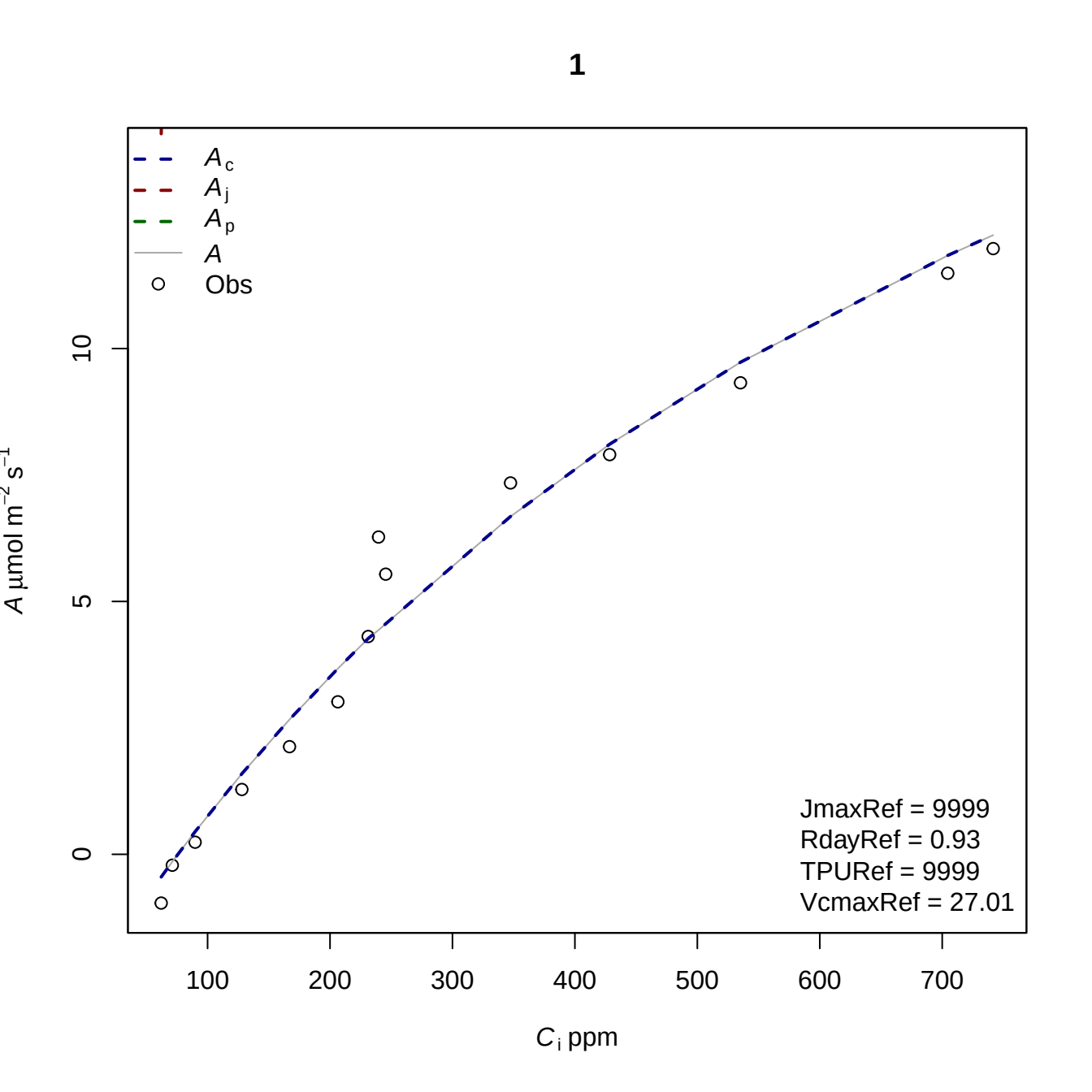
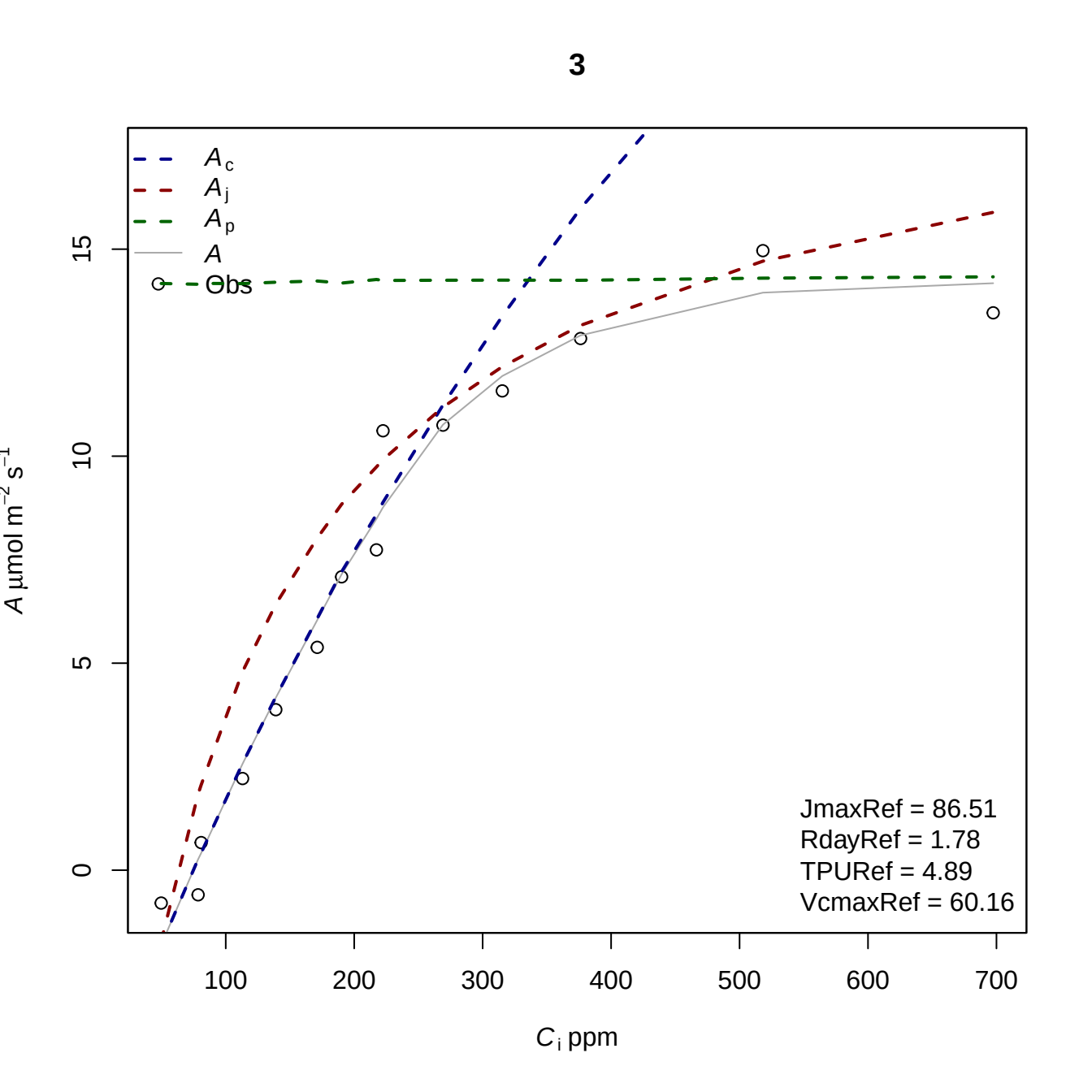
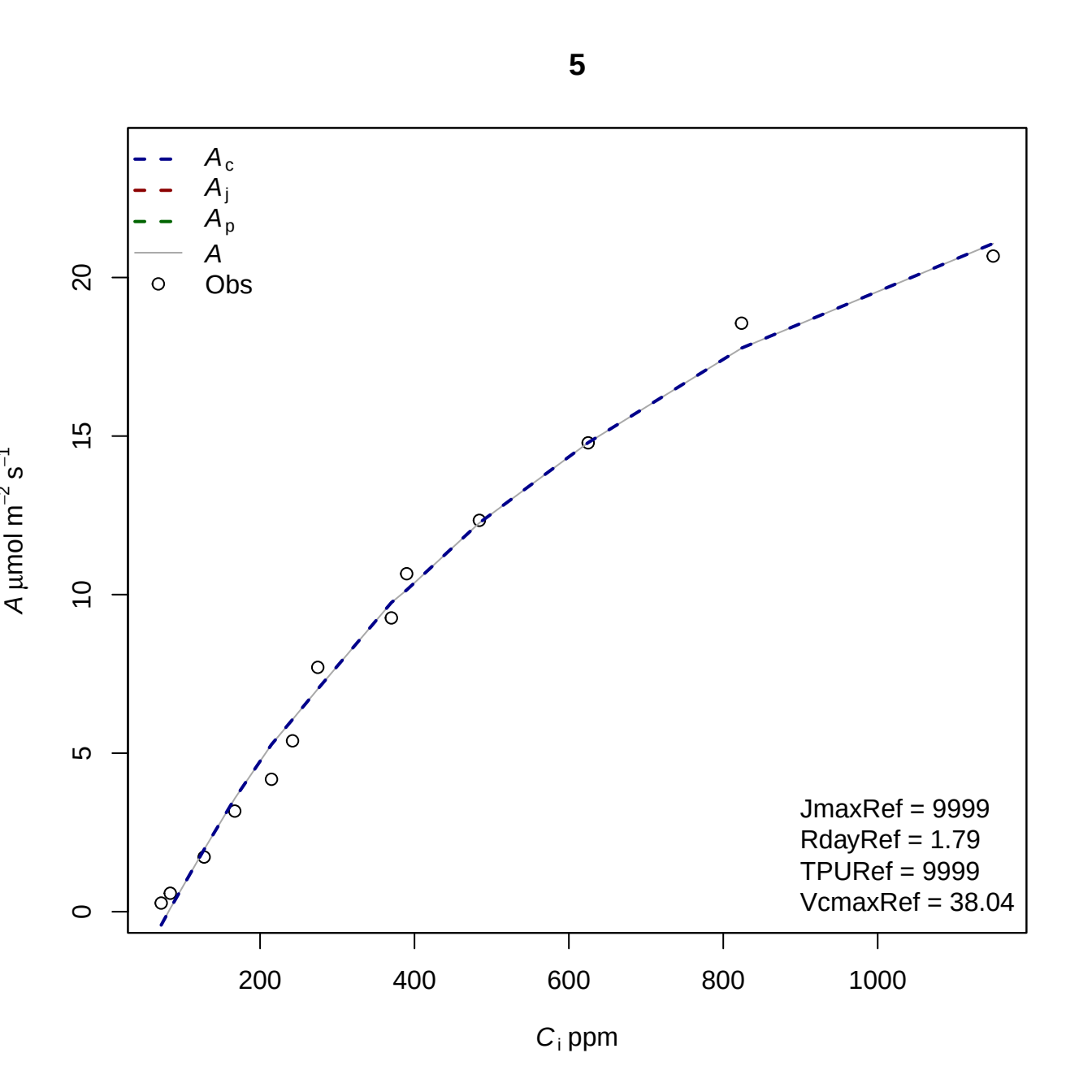
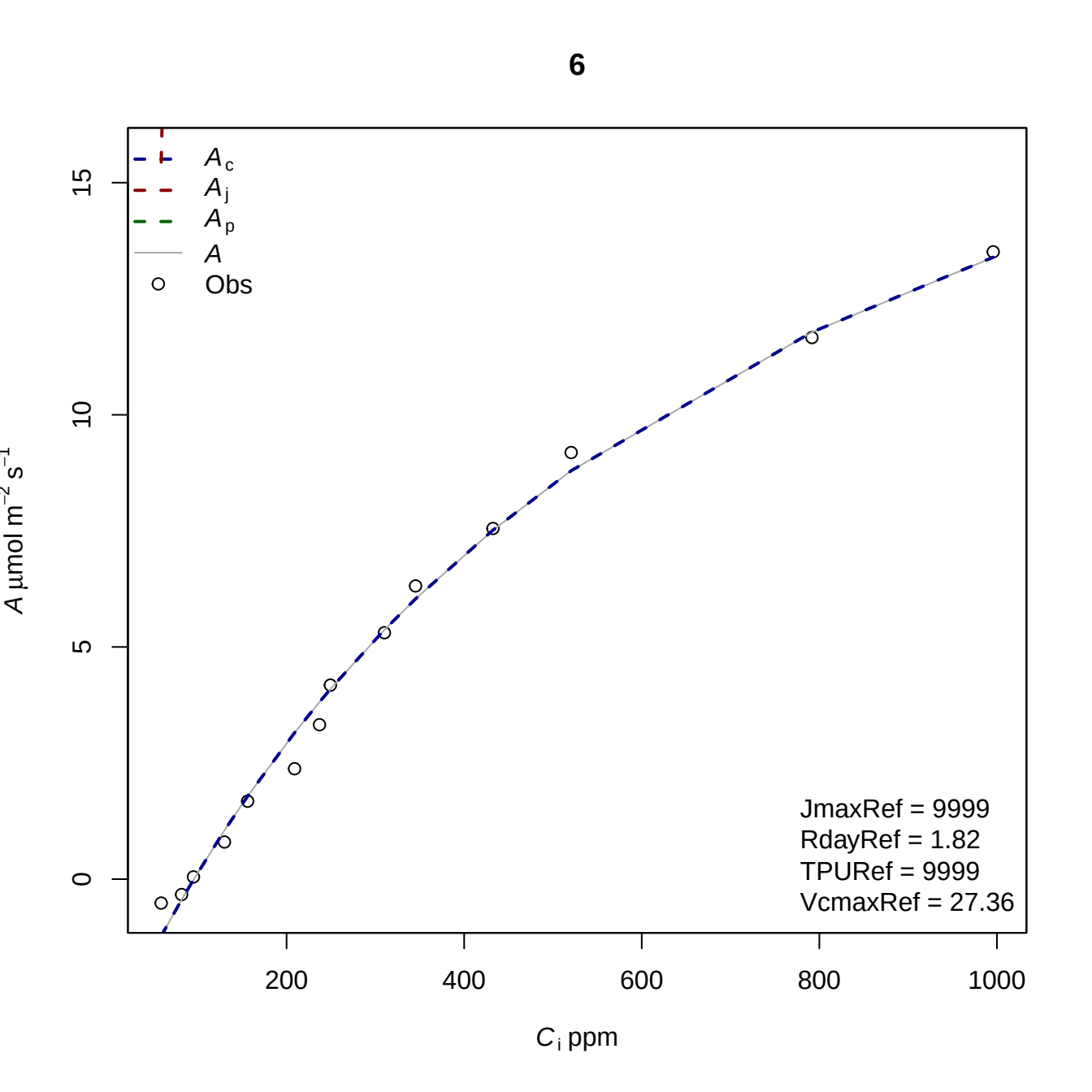
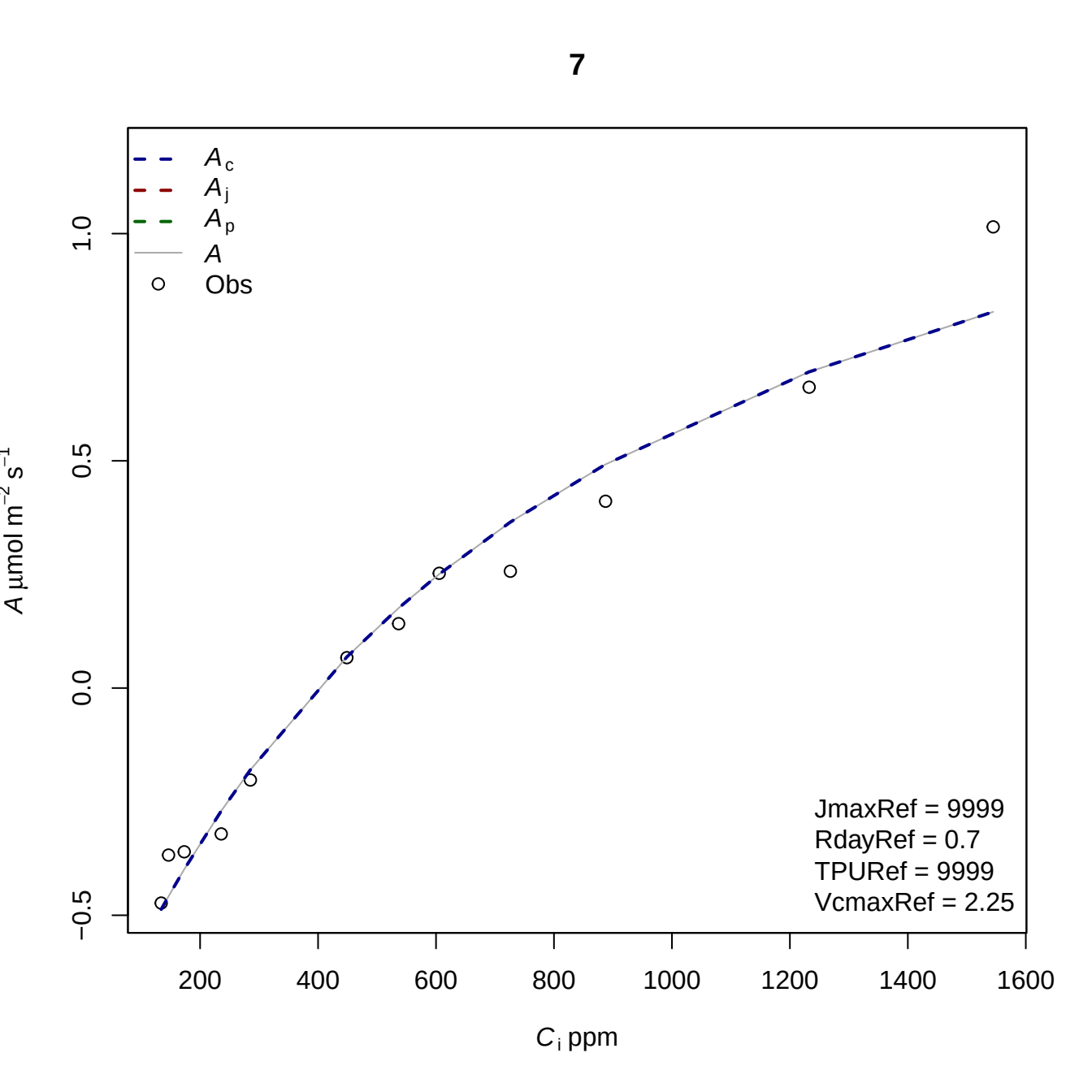
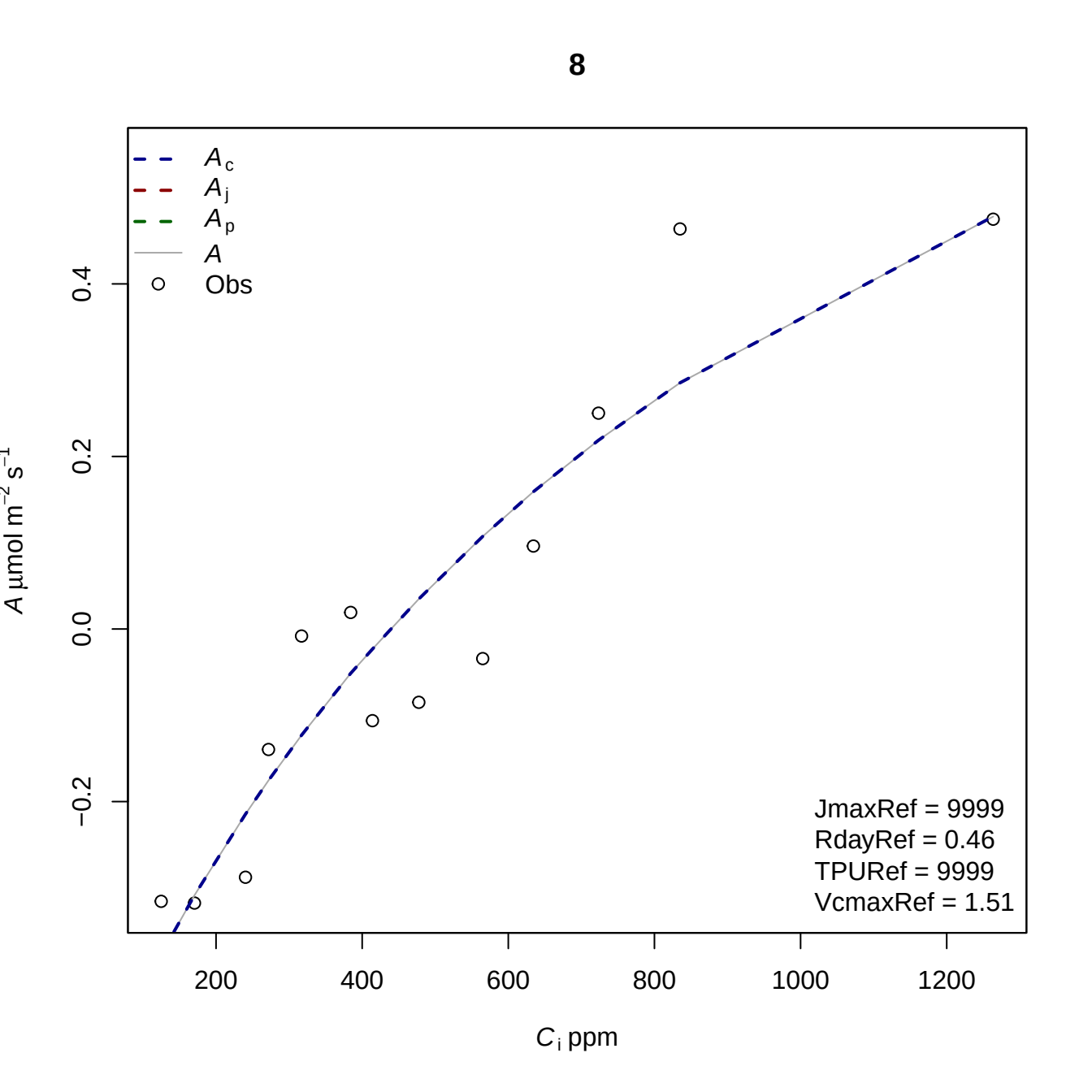

1
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.93
TPURef = 9999
VcmaxRef = 27.01
A µmol m^{-2} s^{-1}
0
5
10
100
200
300
400
500
600
700
C_i ppm

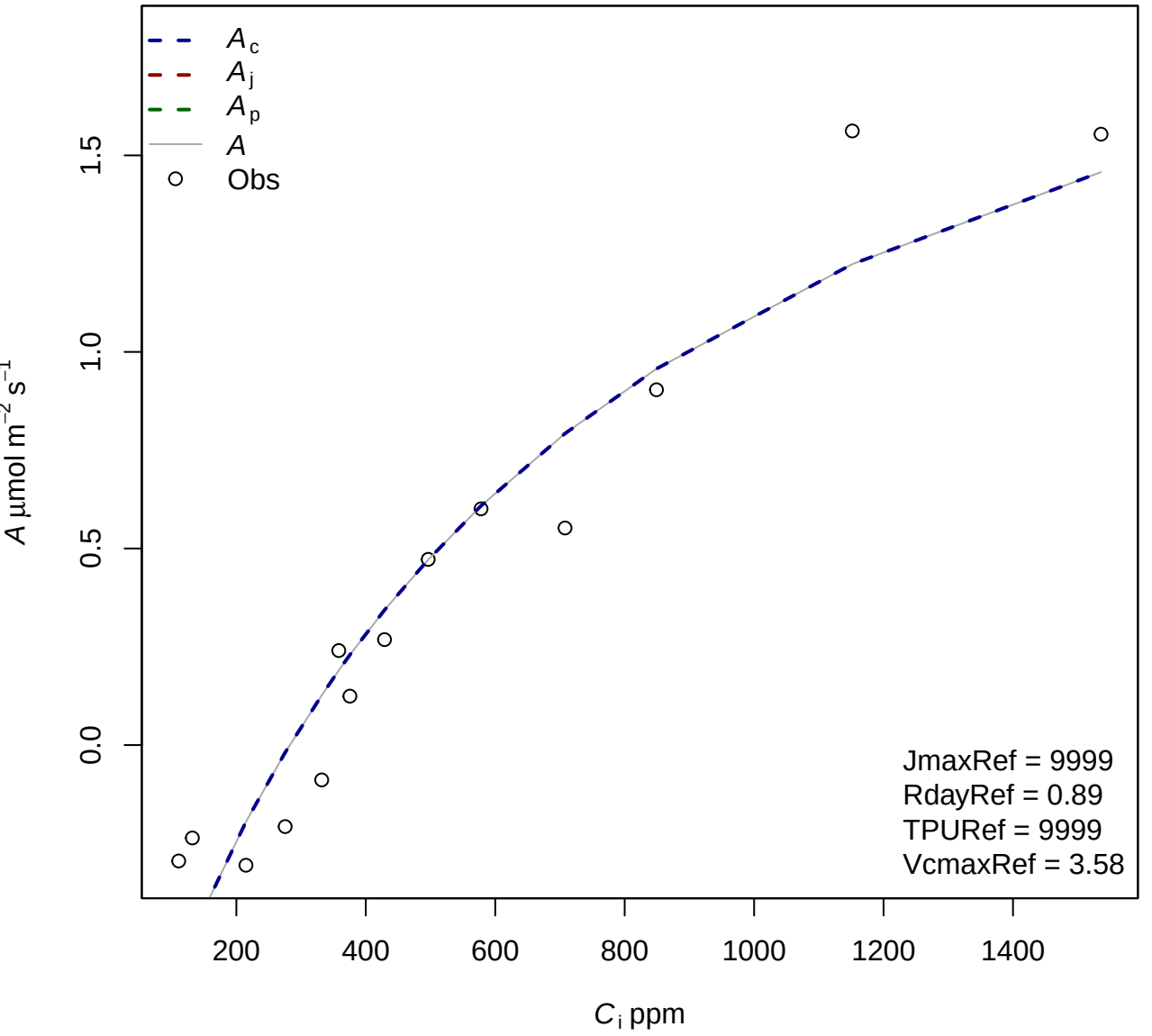

3
A_c
A_j
A_p
A
Obs
JmaxRef = 86.51
RdayRef = 1.78
TPURef = 4.89
VcmaxRef = 60.16
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
100
200
300
400
500
600
700

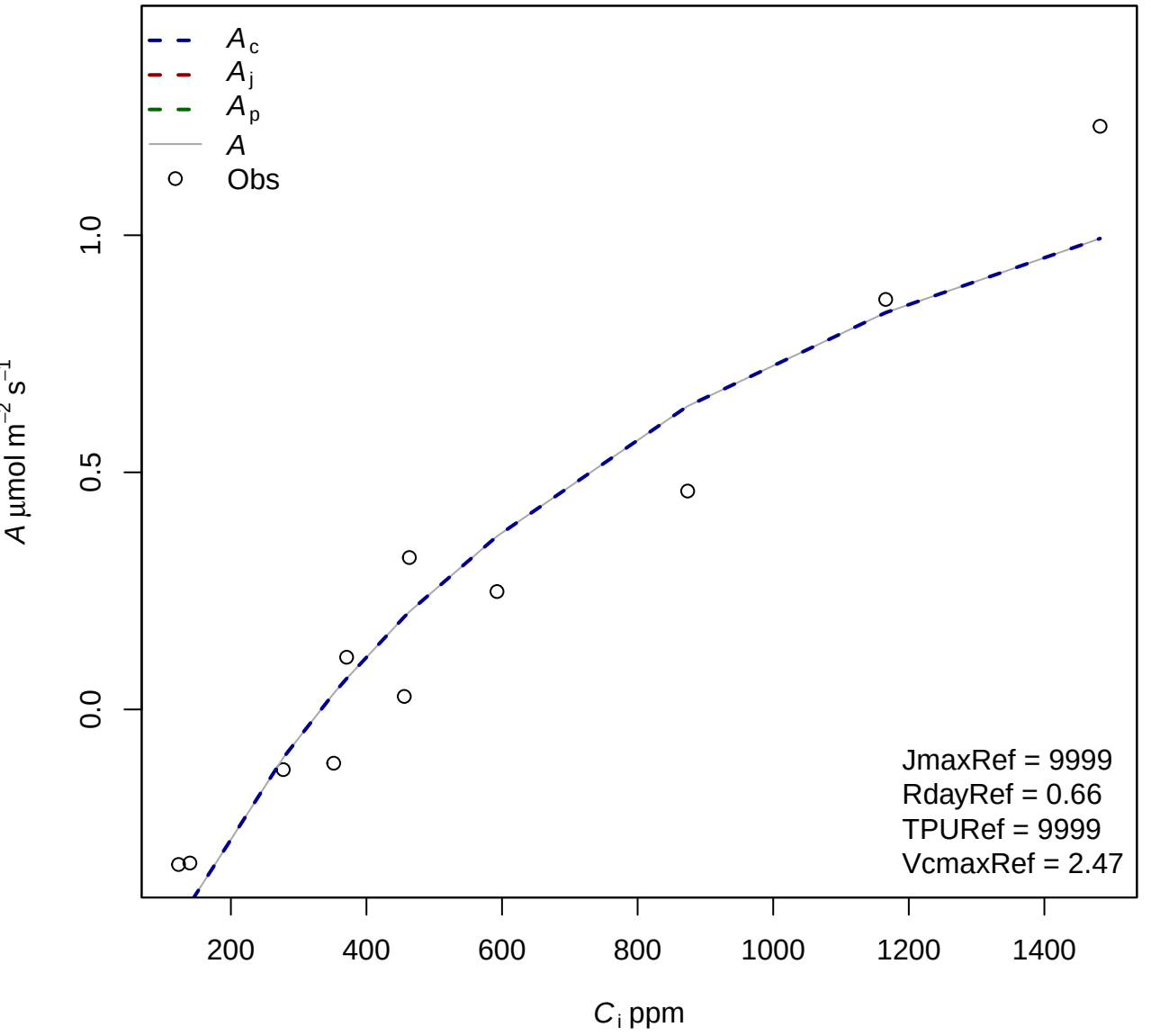

5
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.79
TPURef = 9999
VcmaxRef = 38.04
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

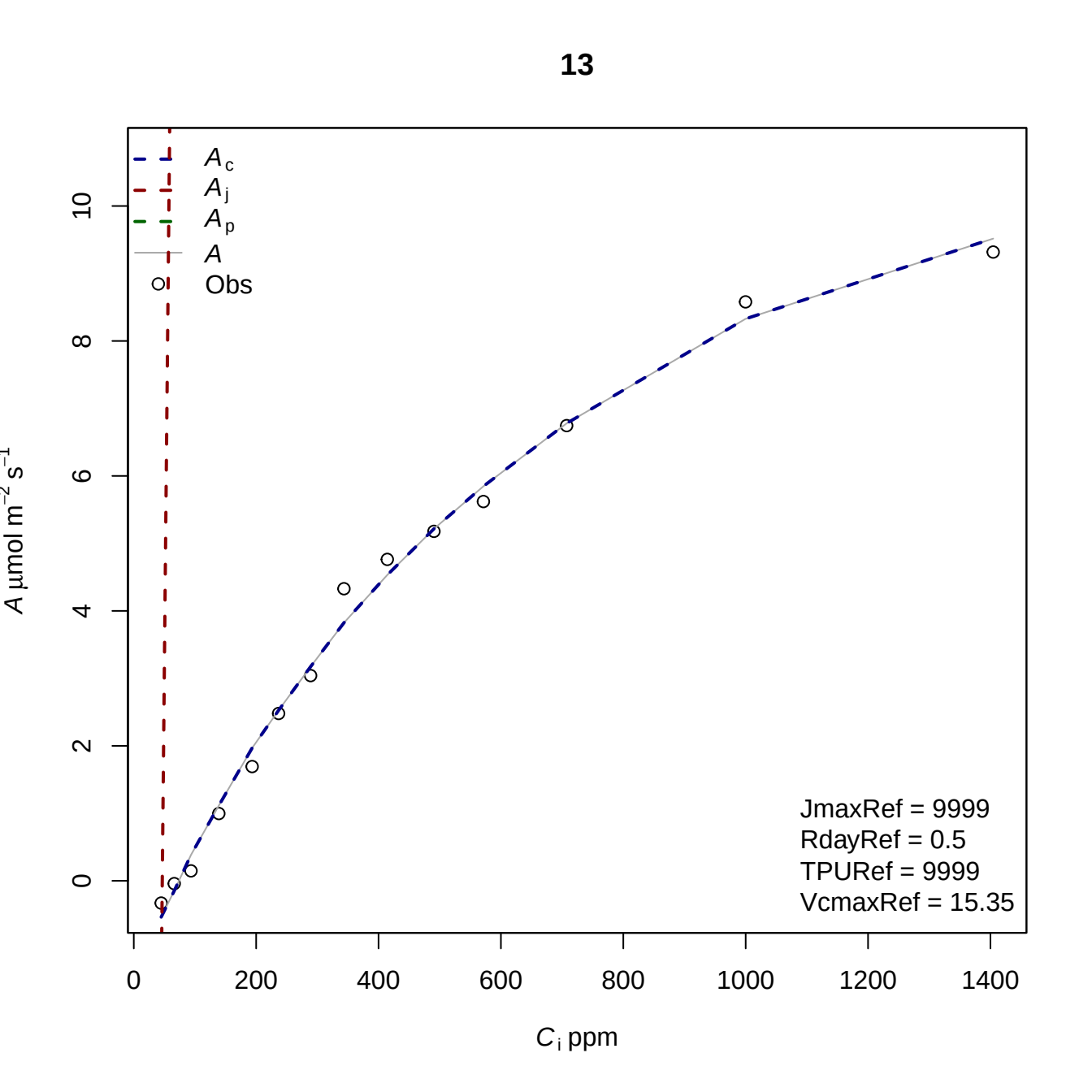

6
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.82
TPURef = 9999
VcmaxRef = 27.36
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000

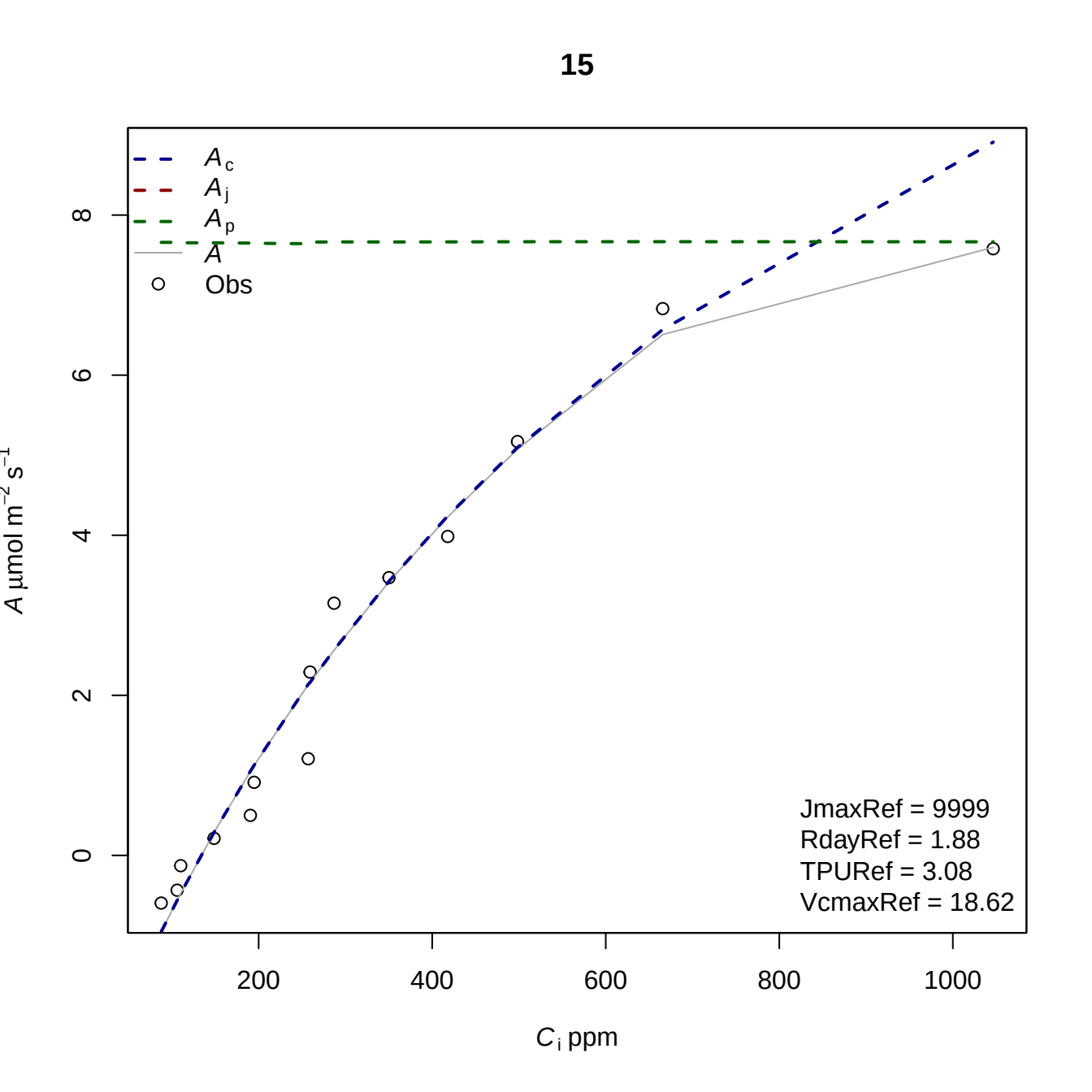

7
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.7
TPURef = 9999
VcmaxRef = 2.25
A µmol m^{-2} s^{-1}
C_i ppm
−0.5
0.0
0.5
1.0
200
400
600
800
1000
1200
1400
1600

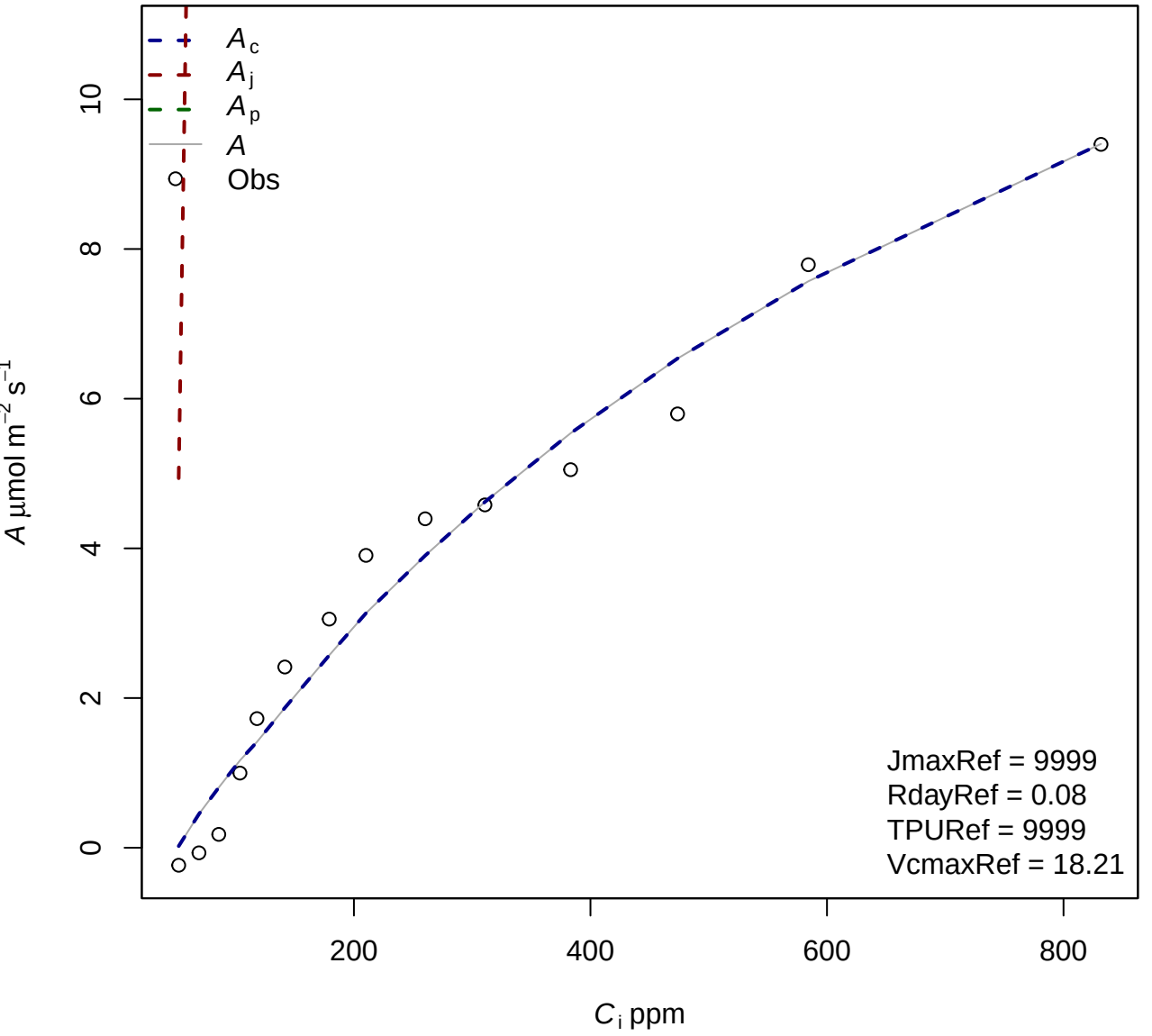

8
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.46
TPURef = 9999
VcmaxRef = 1.51
0.4
0.2
0.0
−0.2
200
400
600
800
1000
1200
A µmol m^{-2} s^{-1}
C_i ppm

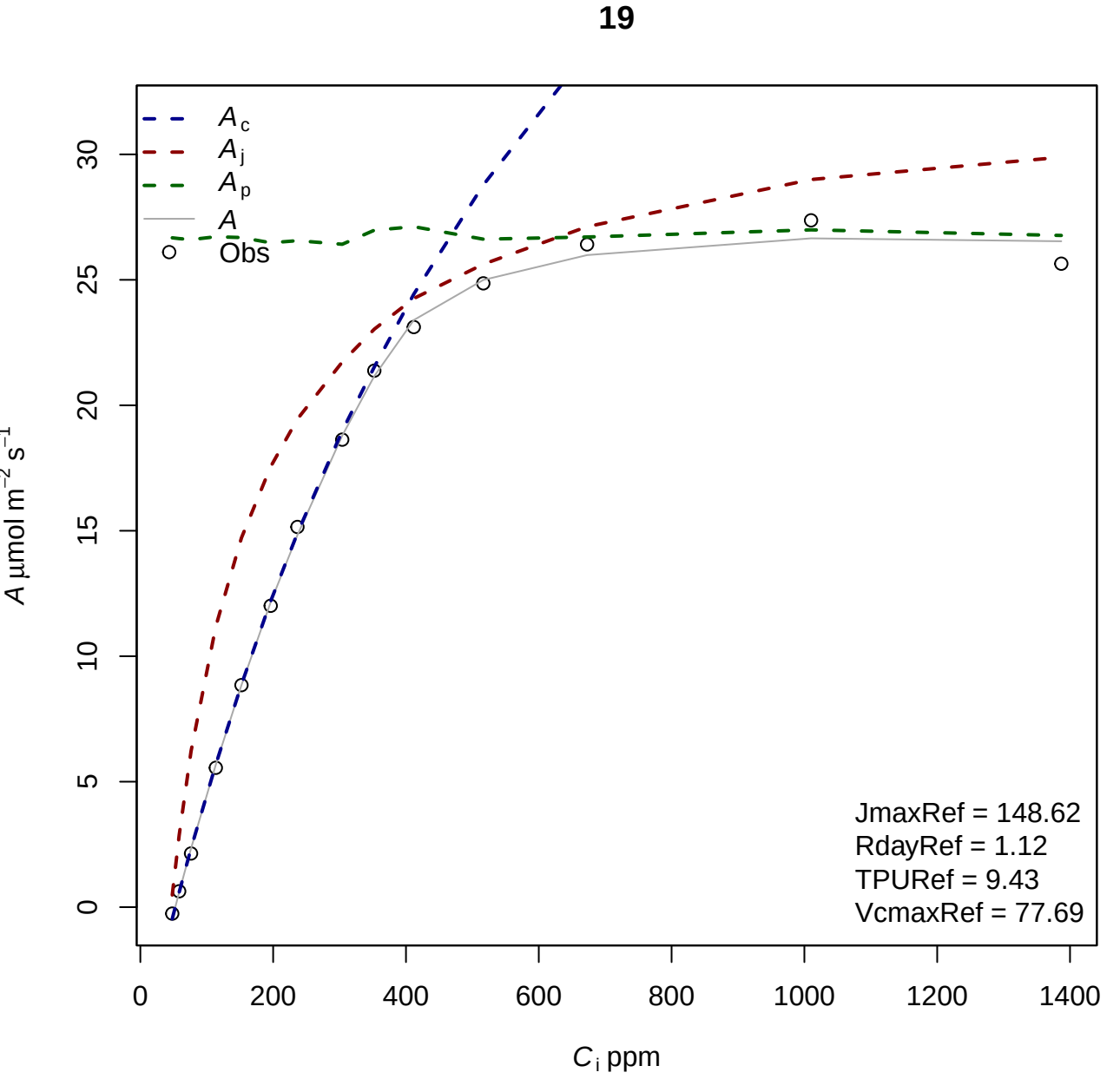

A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.89
TPURef = 9999
VcmaxRef = 3.58
0.0
0.5
1.0
1.5
200
400
600
800
1000
1200
1400
A µmol m^{-2} s^{-1}
C_i ppm

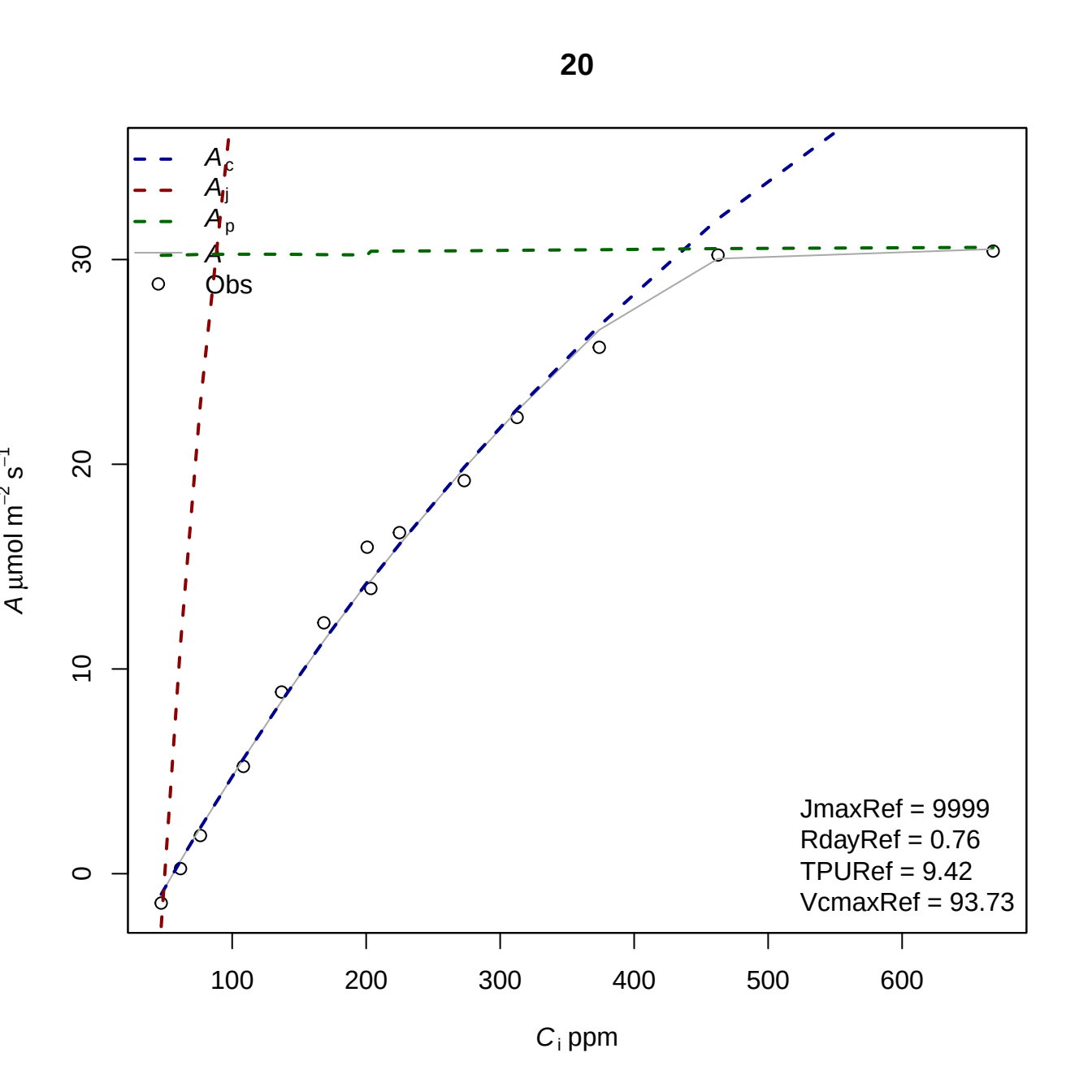

A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.66
TPURef = 9999
VcmaxRef = 2.47
0.0
0.5
1.0
200
400
600
800
1000
1200
1400
A µmol m^{-2} s^{-1}
C_i ppm

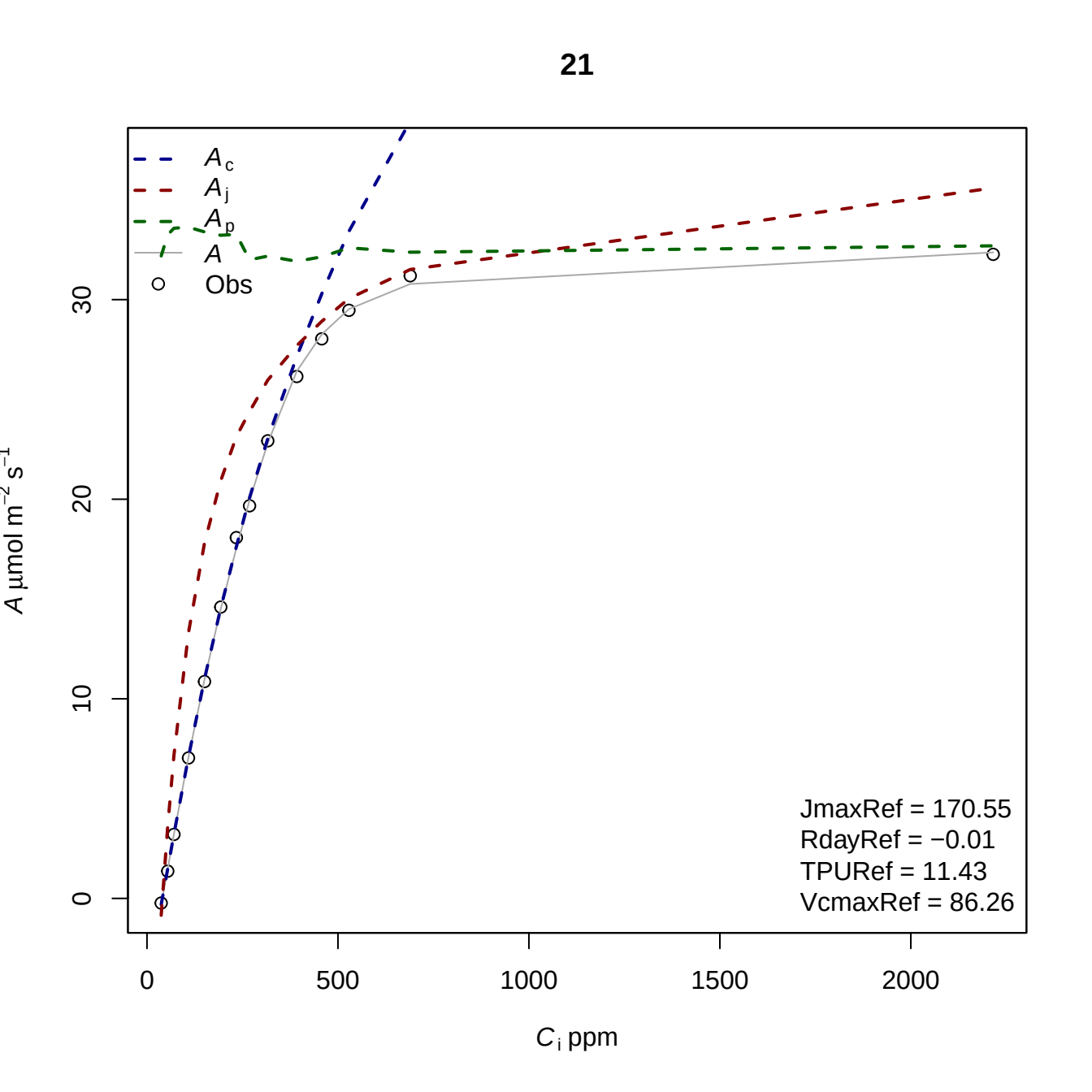

13
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.5
TPURef = 9999
VcmaxRef = 15.35
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
0
200
400
600
800
1000
1200
1400

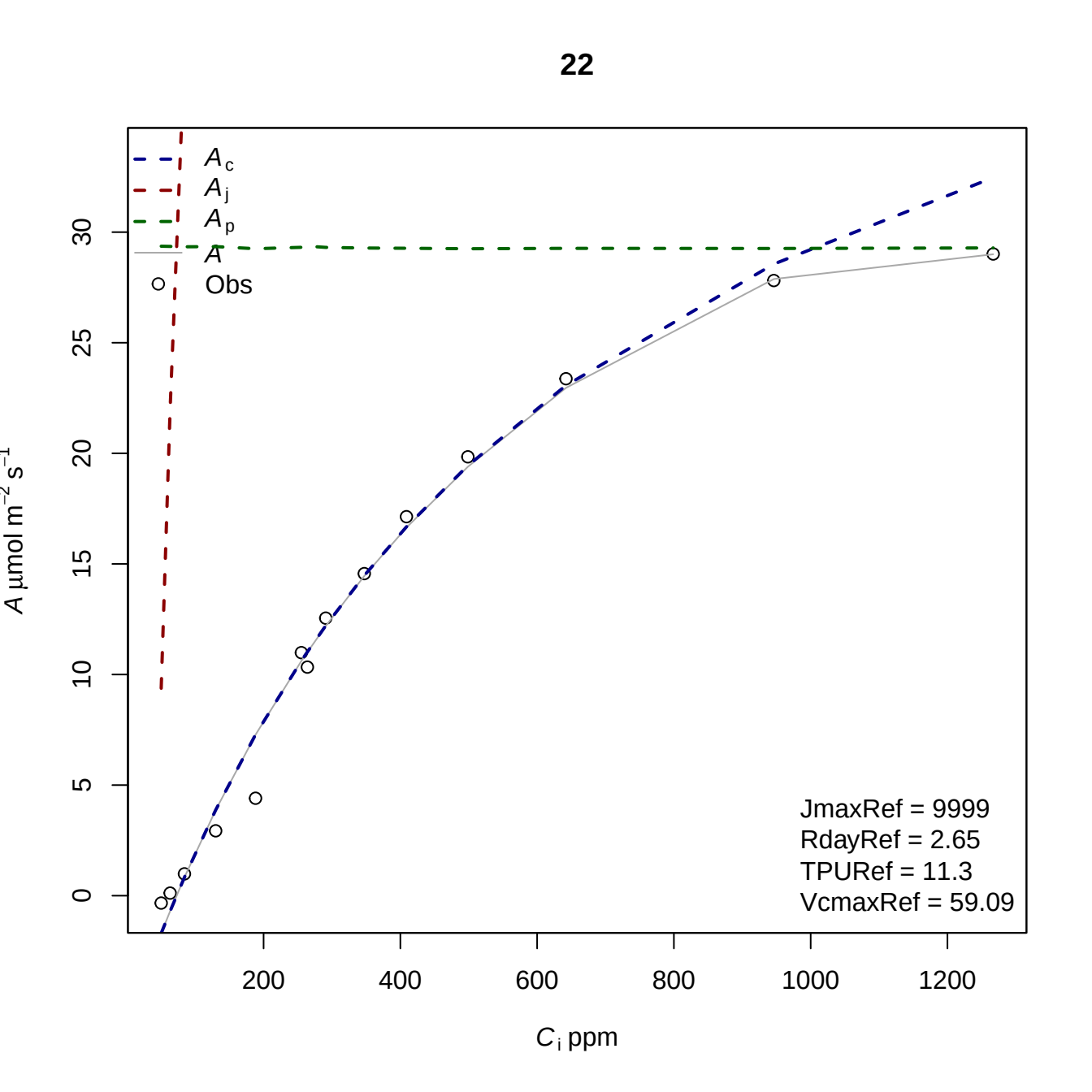

15
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.88
TPURef = 3.08
VcmaxRef = 18.62
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
200
400
600
800
1000

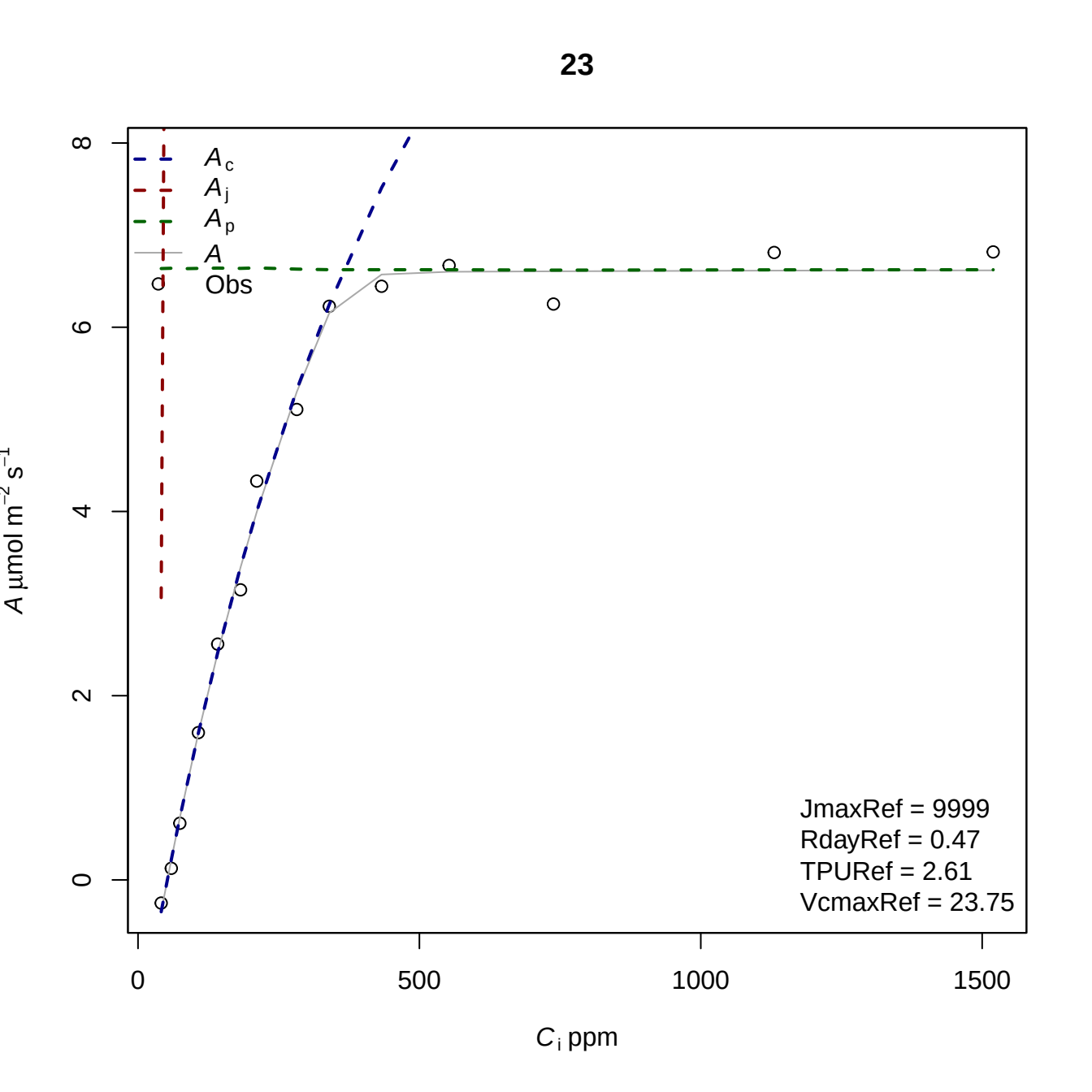

A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.08
TPURef = 9999
VcmaxRef = 18.21
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800

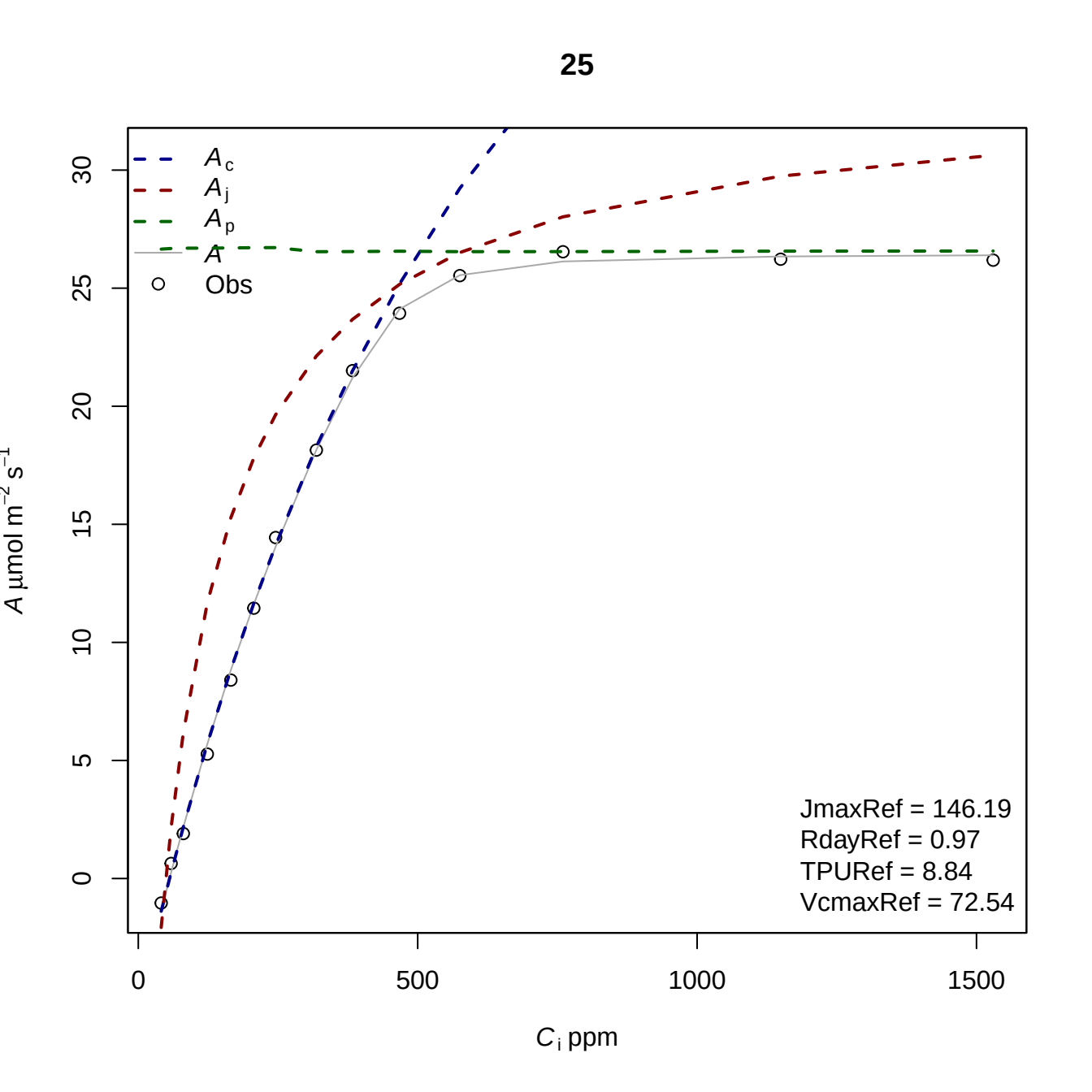

19
A_c
A_j
A_p
A
Obs
JmaxRef = 148.62
RdayRef = 1.12
TPURef = 9.43
VcmaxRef = 77.69
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

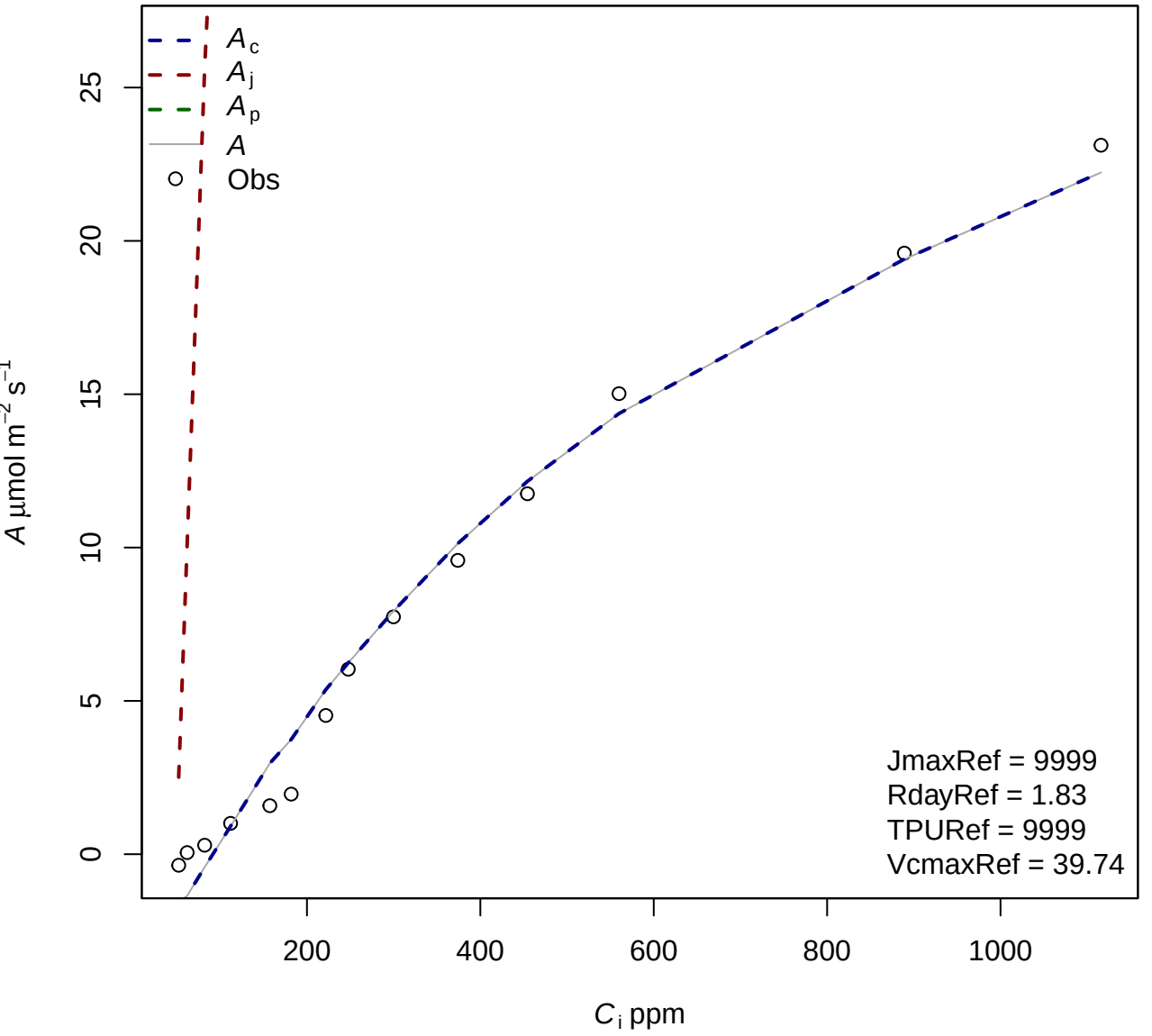

20
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.76
TPURef = 9.42
VcmaxRef = 93.73
A µmol m^{-2} s^{-1}
0
10
20
30
100
200
300
400
500
600
C_i ppm

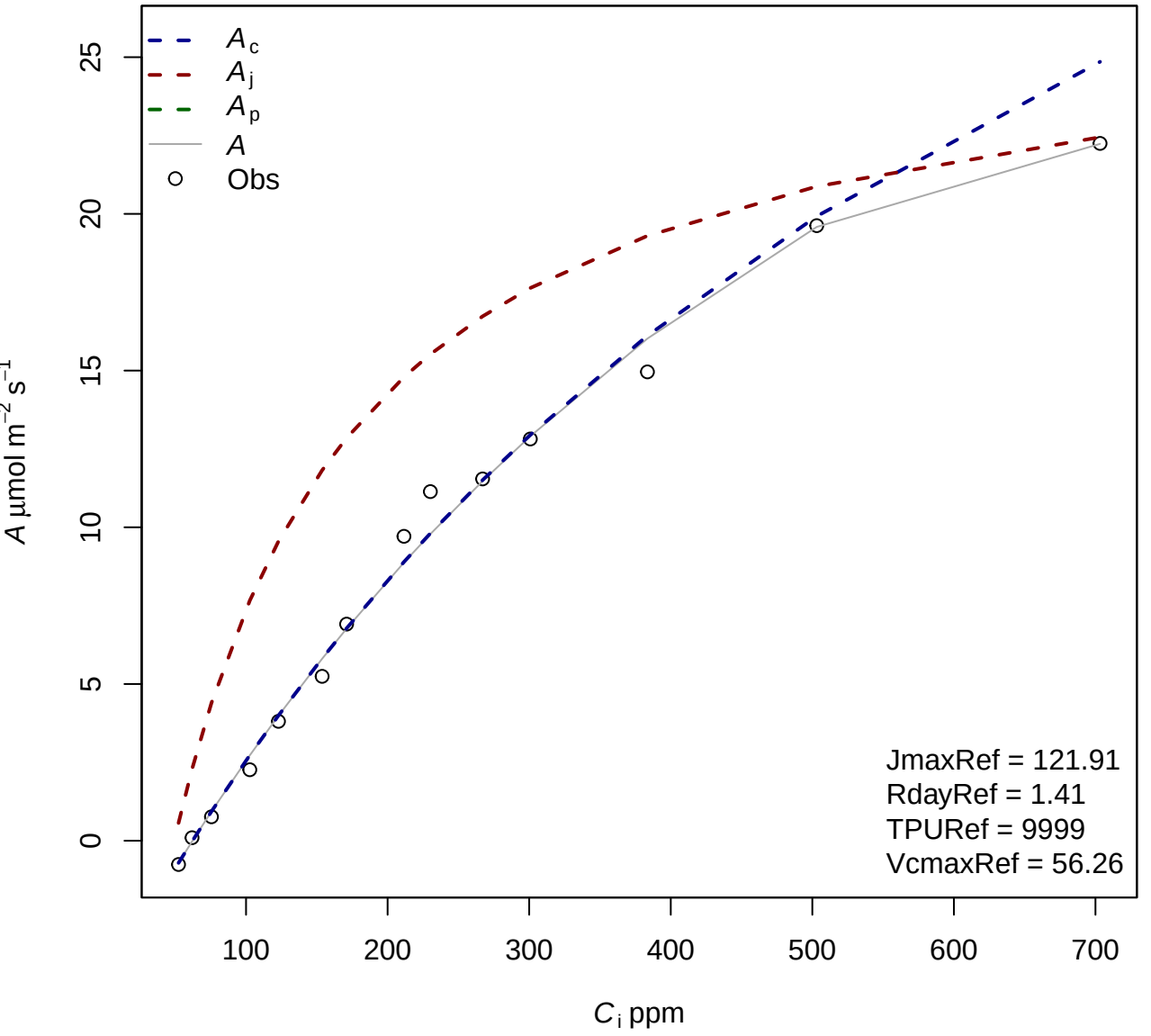

21
A_c
A_j
A_p
A
Obs
JmaxRef = 170.55
RdayRef = −0.01
TPURef = 11.43
VcmaxRef = 86.26
A µmol m^{-2} s^{-1}
0
10
20
30
0
500
1000
1500
2000
C_i ppm

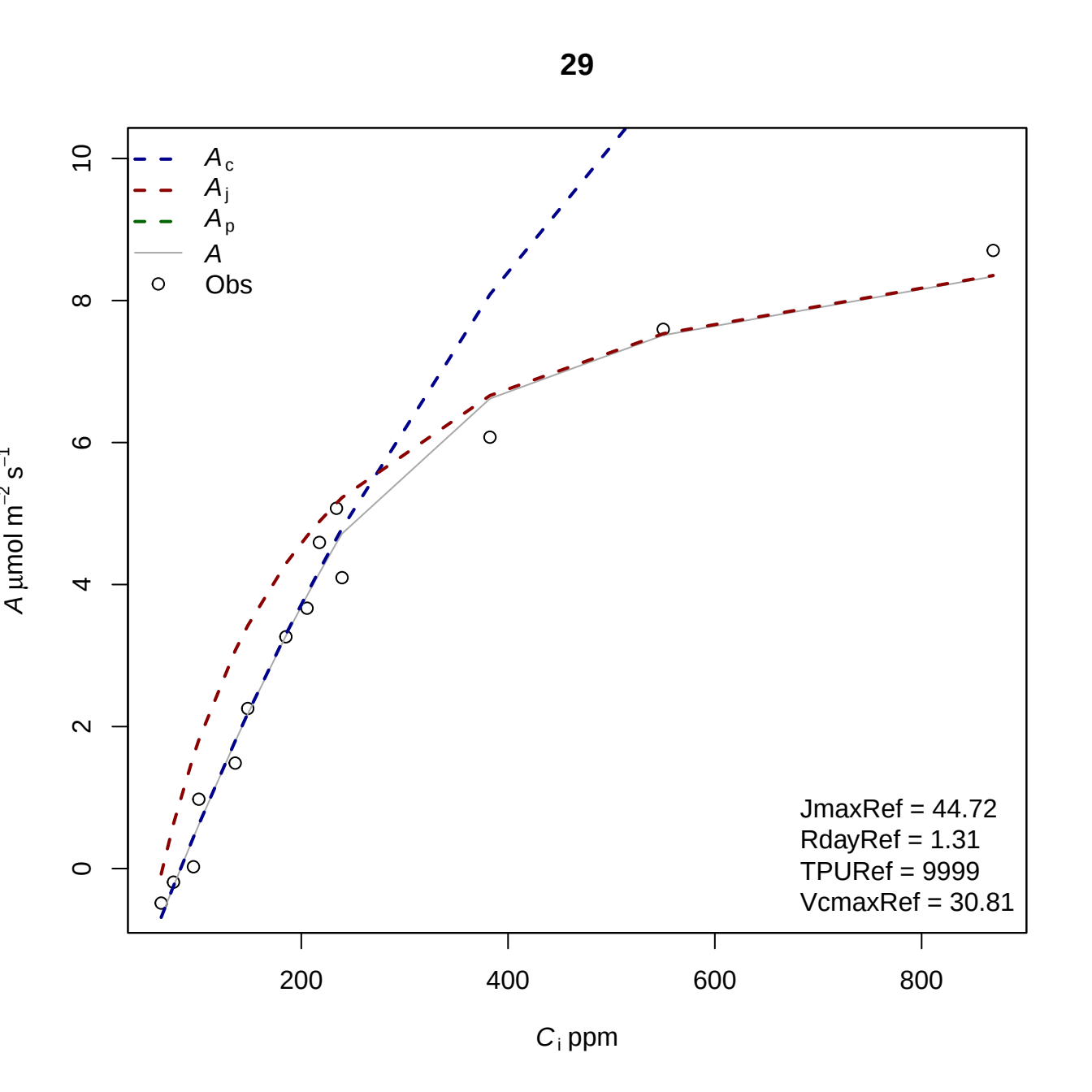

22
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 2.65
TPURef = 11.3
VcmaxRef = 59.09
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000
1200

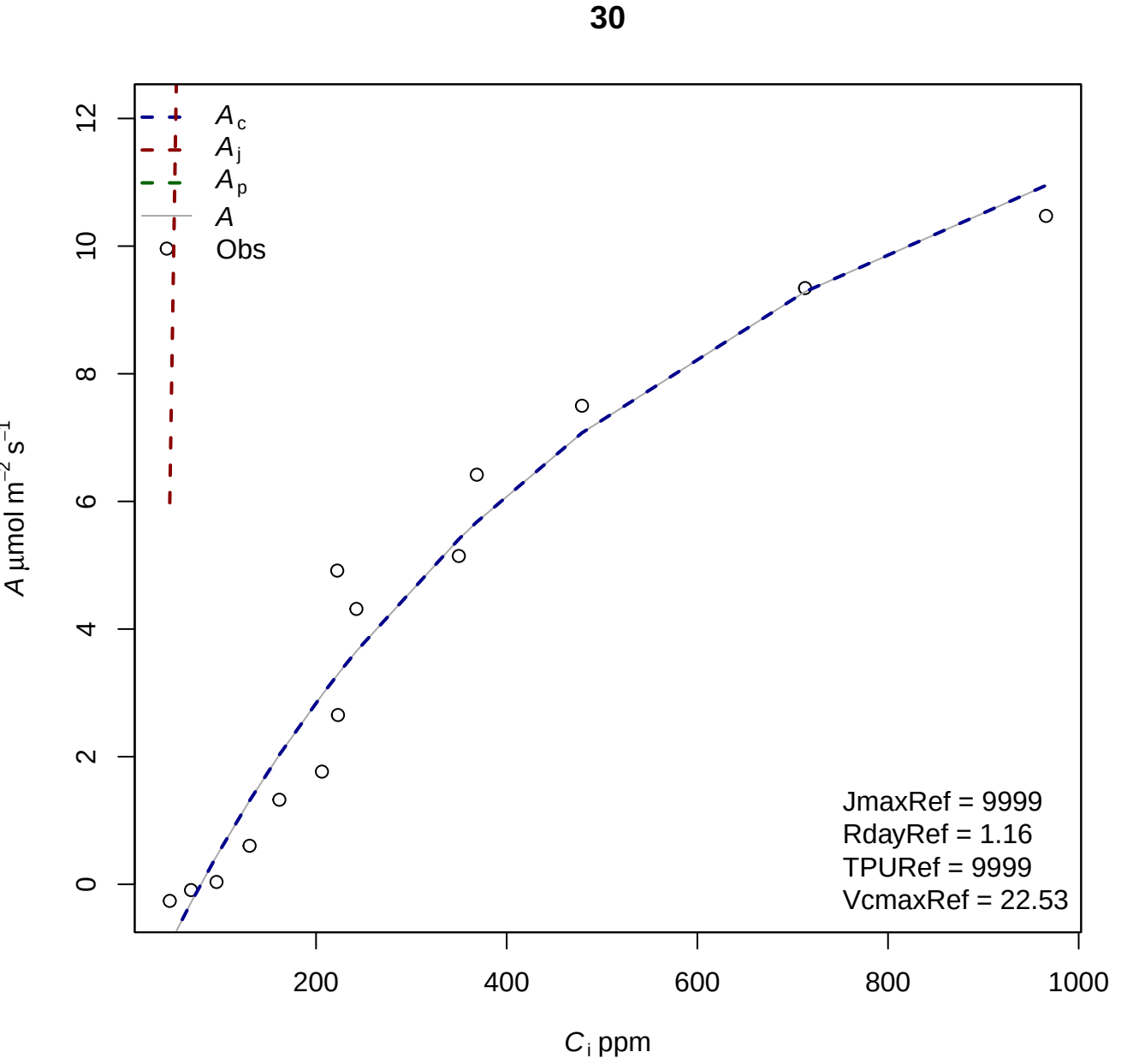

23
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.47
TPURef = 2.61
VcmaxRef = 23.75
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
0
500
1000
1500

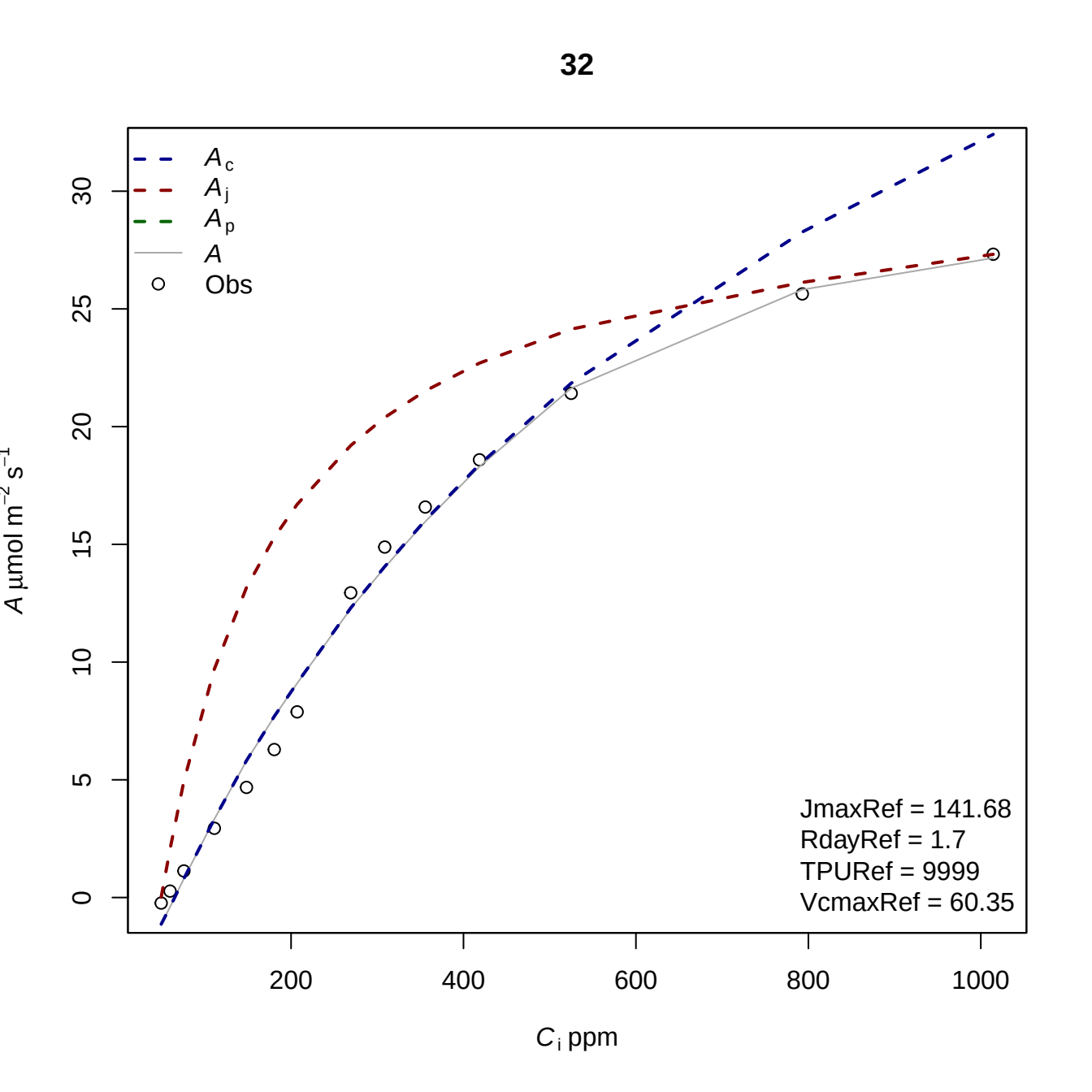

25
A_c
A_j
A_p
A
Obs
JmaxRef = 146.19
RdayRef = 0.97
TPURef = 8.84
VcmaxRef = 72.54
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

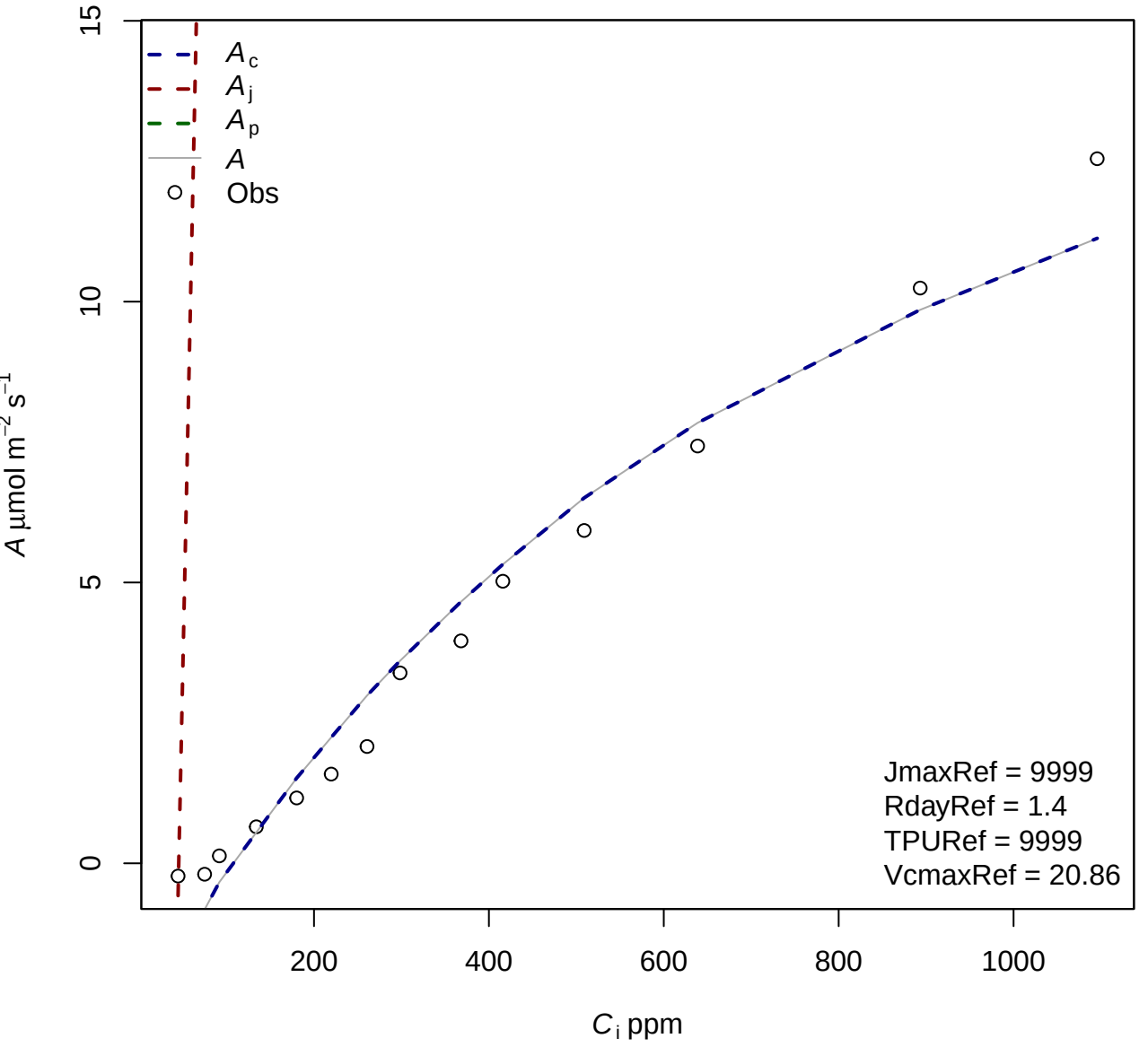

A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.83
TPURef = 9999
VcmaxRef = 39.74
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000

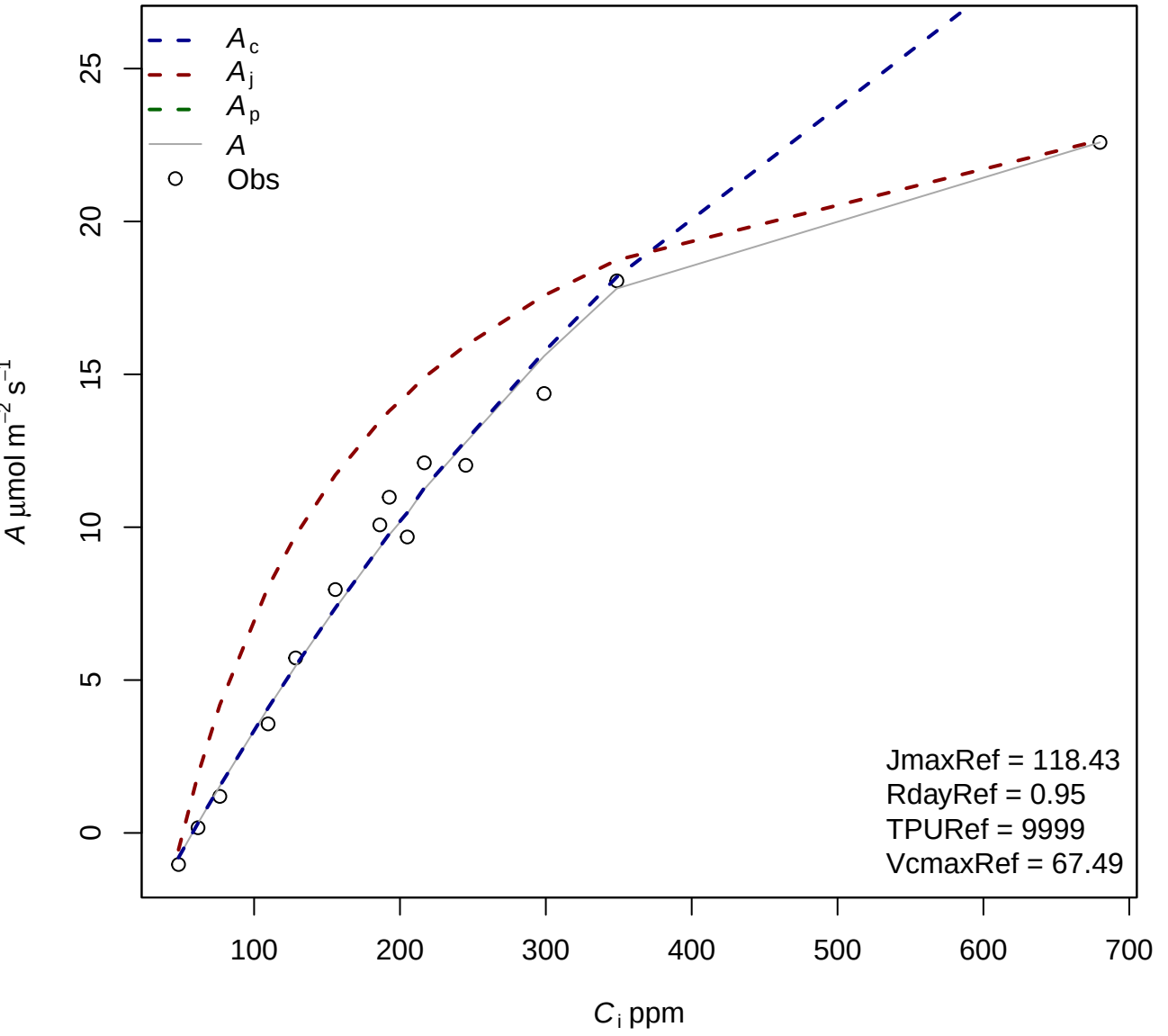

A_c
A_j
A_p
A
Obs
JmaxRef = 121.91
RdayRef = 1.41
TPURef = 9999
VcmaxRef = 56.26
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
100
200
300
400
500
600
700

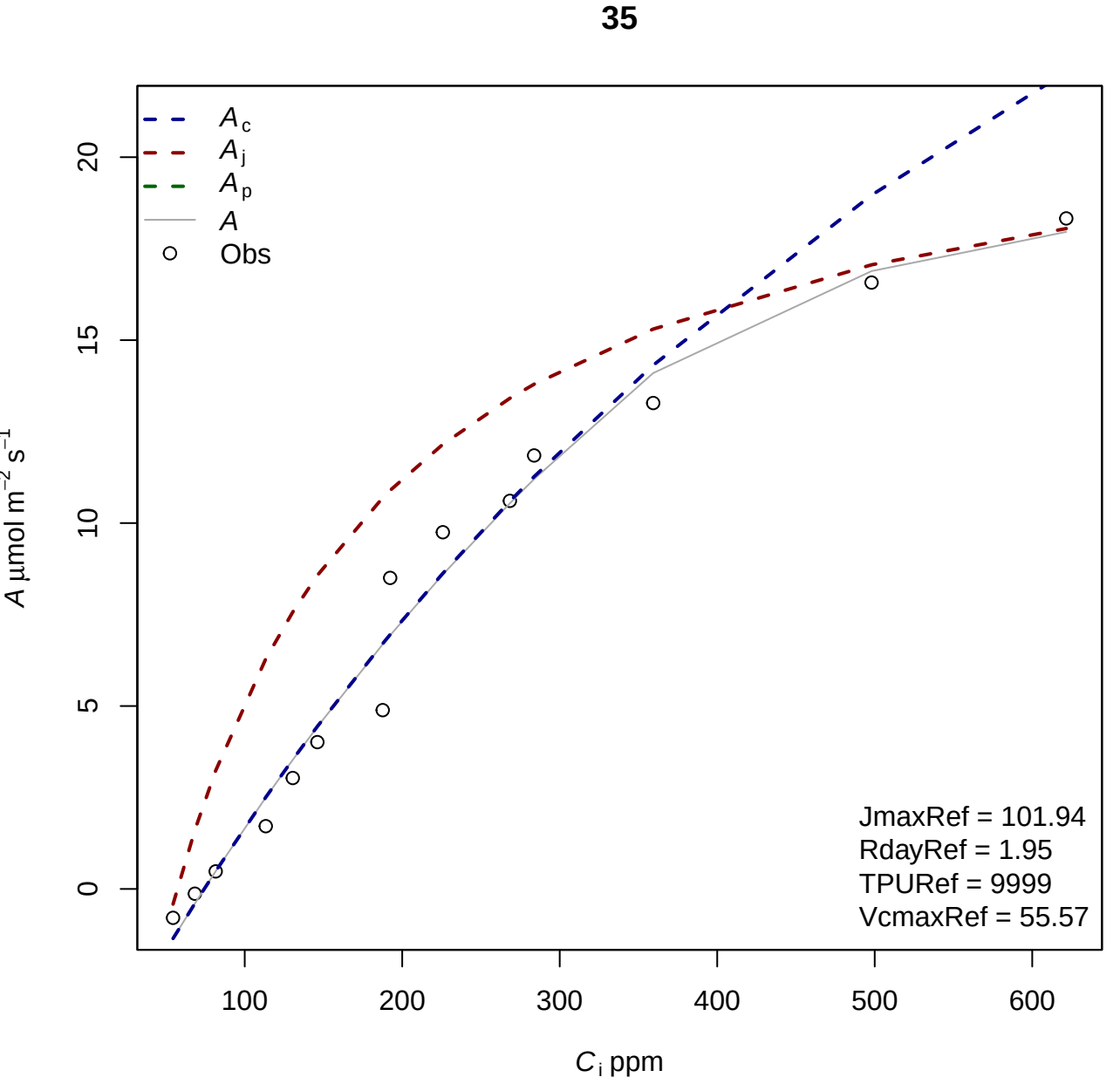

29
A_c
A_j
A_p
A
Obs
JmaxRef = 44.72
RdayRef = 1.31
TPURef = 9999
VcmaxRef = 30.81
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800

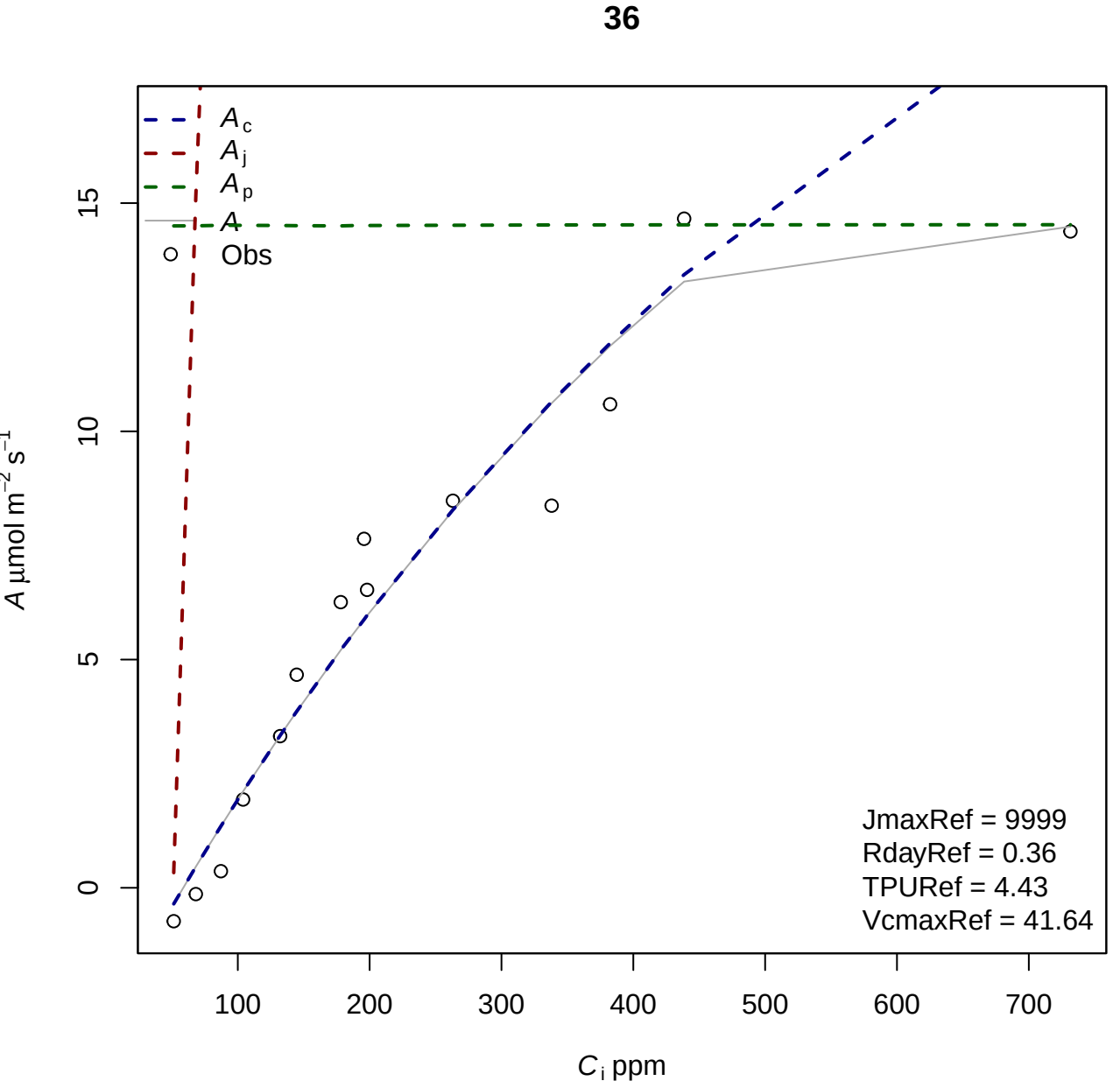

30
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.16
TPURef = 9999
VcmaxRef = 22.53
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000

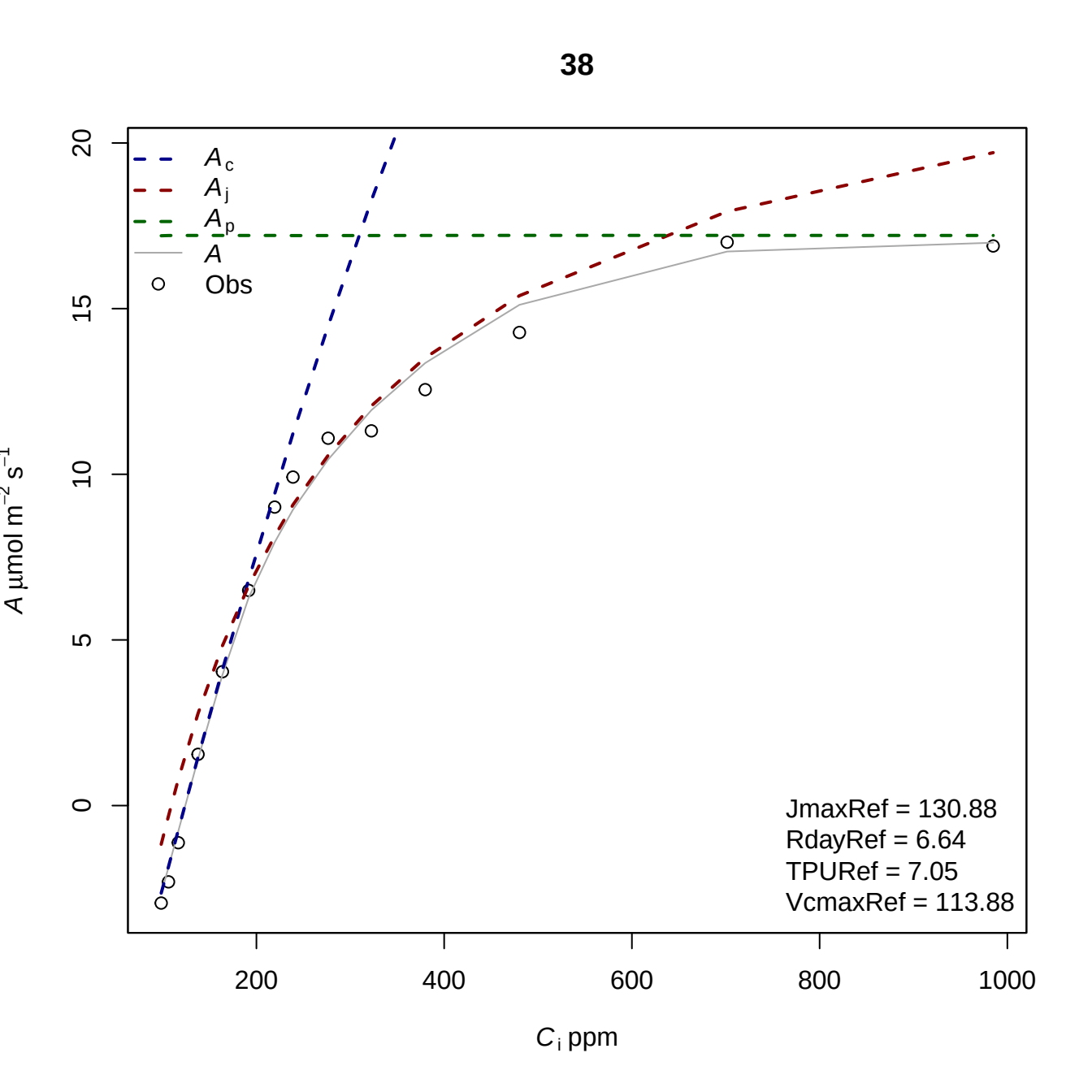

32
A_c
A_j
A_p
A
Obs
JmaxRef = 141.68
RdayRef = 1.7
TPURef = 9999
VcmaxRef = 60.35
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000

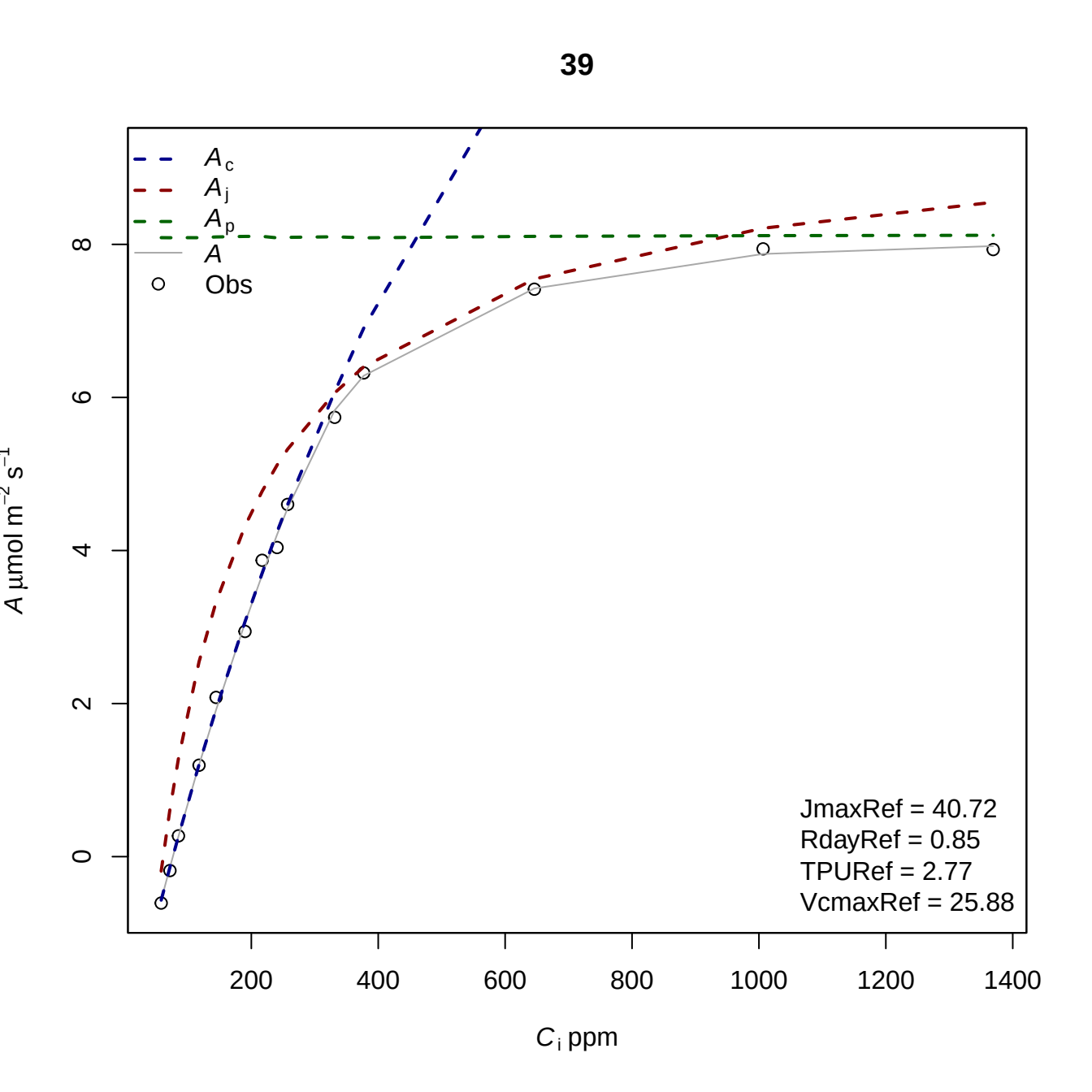

A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.4
TPURef = 9999
VcmaxRef = 20.86
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000

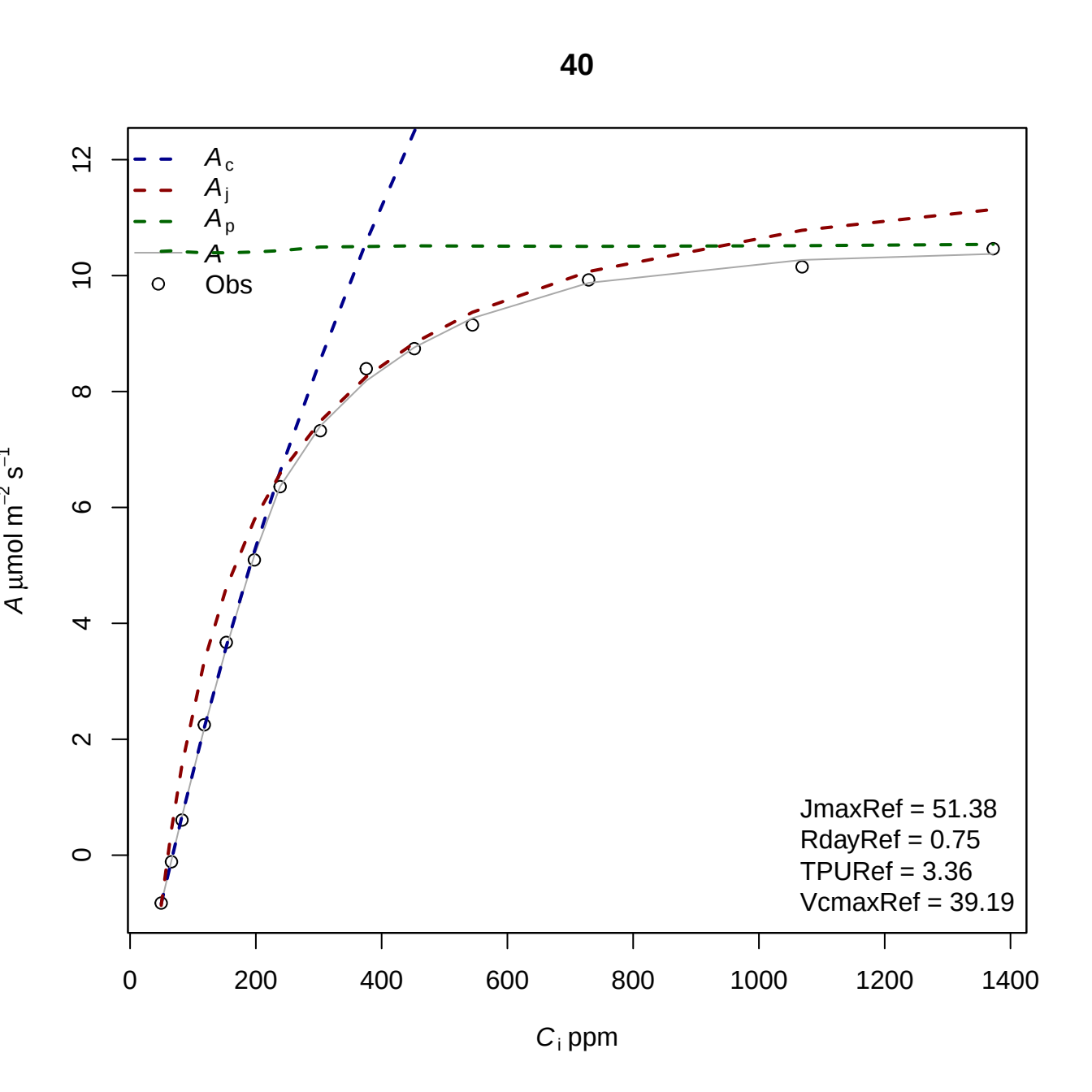

A_c
A_j
A_p
A
Obs
JmaxRef = 118.43
RdayRef = 0.95
TPURef = 9999
VcmaxRef = 67.49
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
100
200
300
400
500
600
700

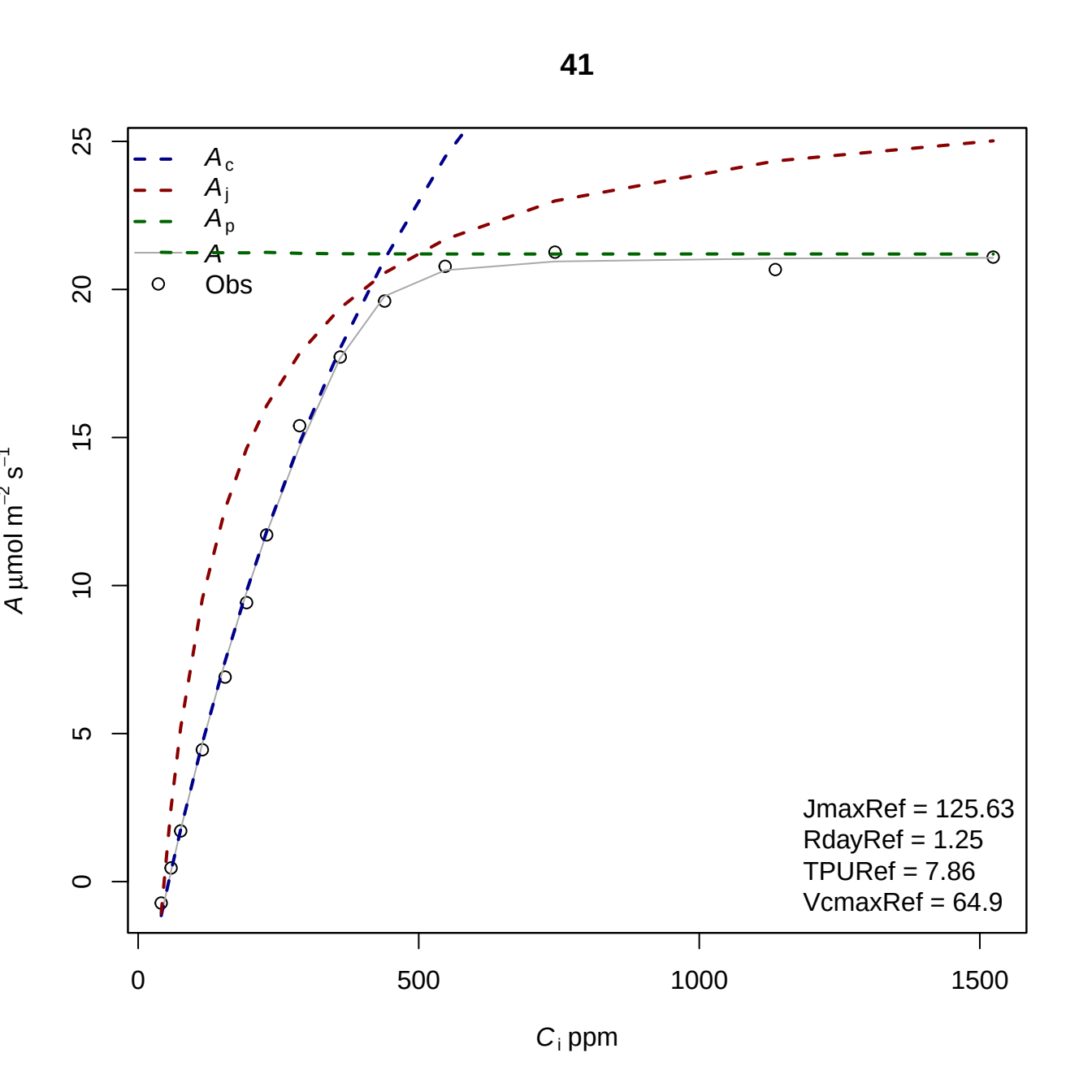

35
A_c
A_j
A_p
A
Obs
JmaxRef = 101.94
RdayRef = 1.95
TPURef = 9999
VcmaxRef = 55.57
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
100
200
300
400
500
600

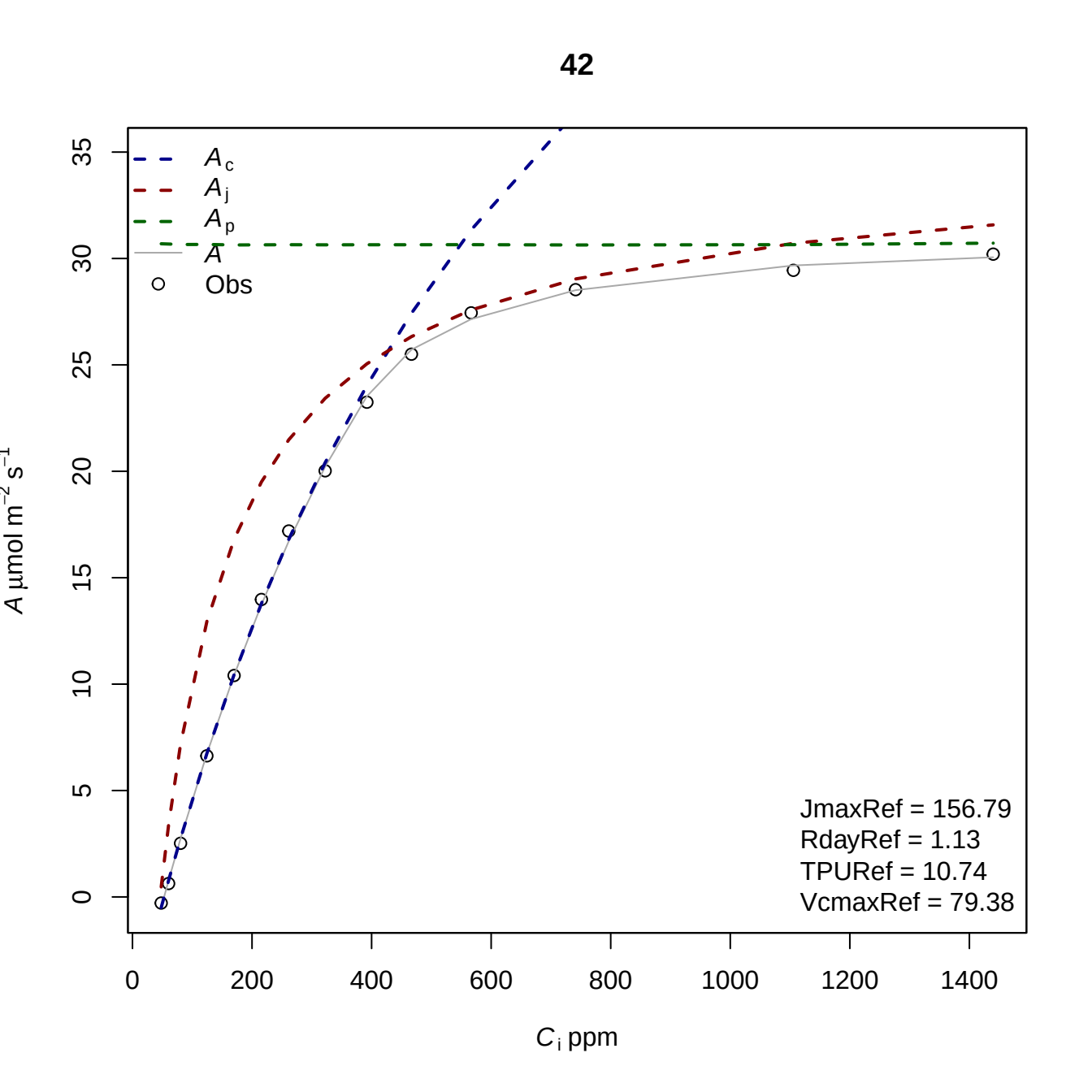

36
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.36
TPURef = 4.43
VcmaxRef = 41.64
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
100
200
300
400
500
600
700

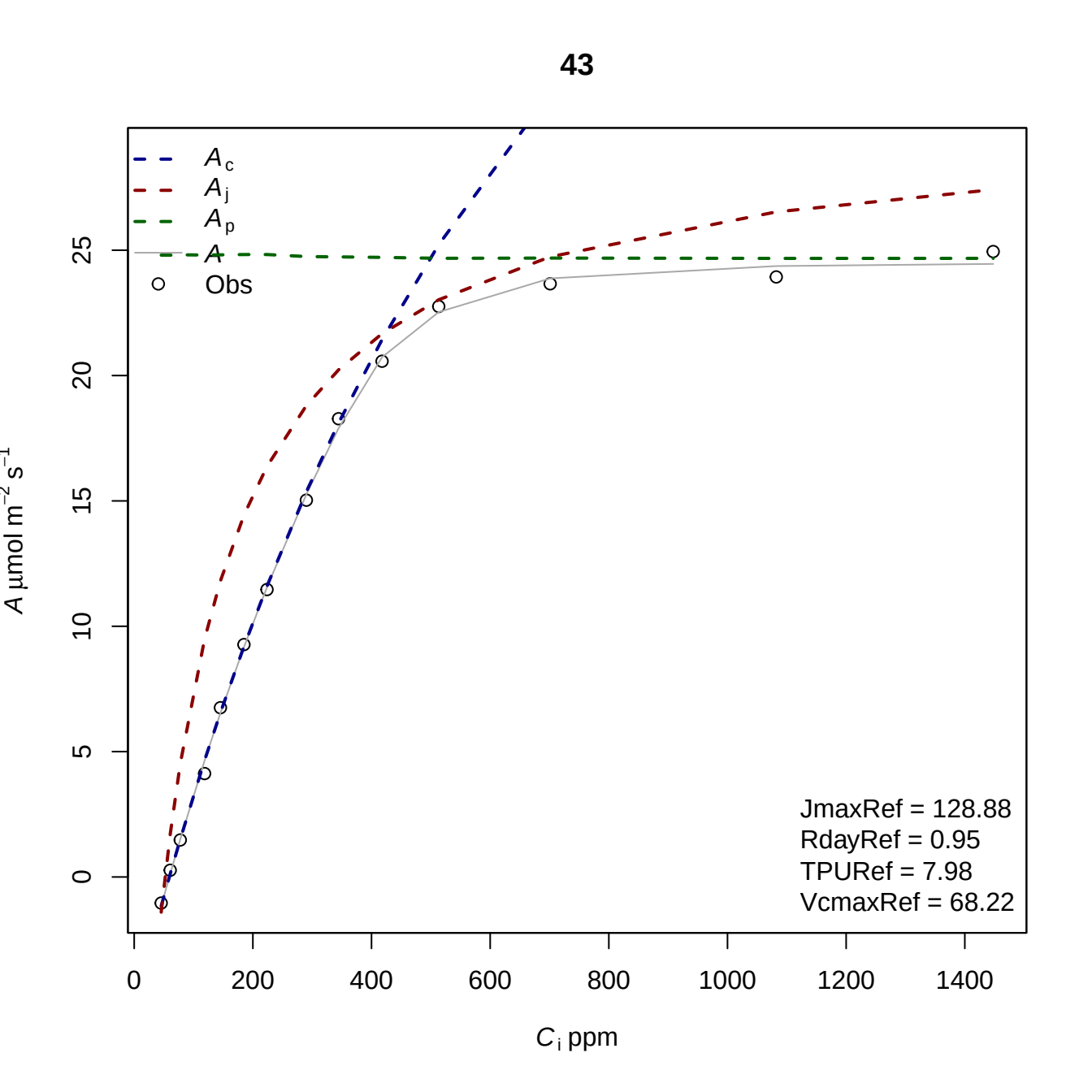

38
A_c
A_j
A_p
A
Obs
JmaxRef = 130.88
RdayRef = 6.64
TPURef = 7.05
VcmaxRef = 113.88
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

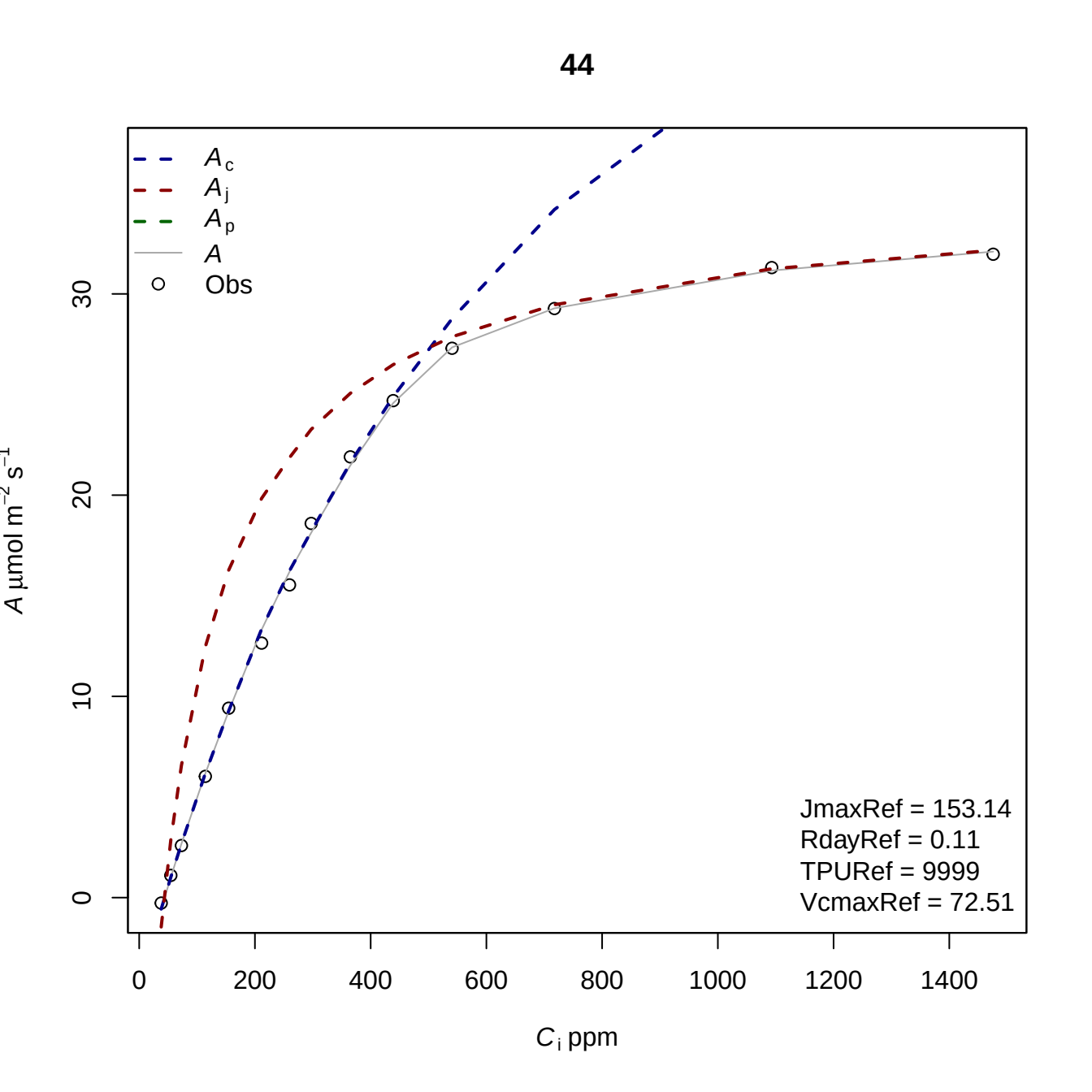

39
A_c
A_j
A_p
A
Obs
JmaxRef = 40.72
RdayRef = 0.85
TPURef = 2.77
VcmaxRef = 25.88
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
200
400
600
800
1000
1200
1400

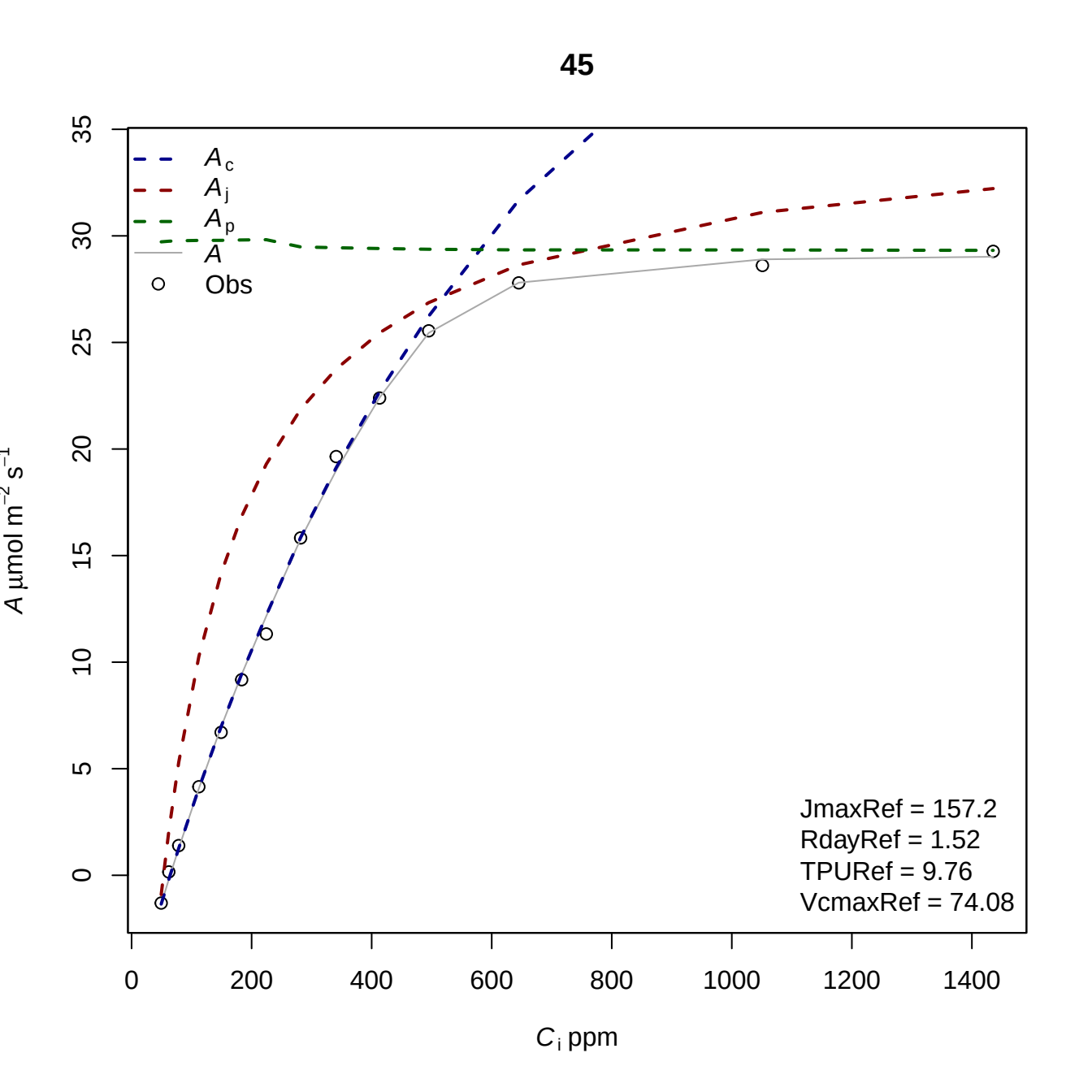

40
A_c
A_j
A_p
A
Obs
JmaxRef = 51.38
RdayRef = 0.75
TPURef = 3.36
VcmaxRef = 39.19
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
0
200
400
600
800
1000
1200
1400

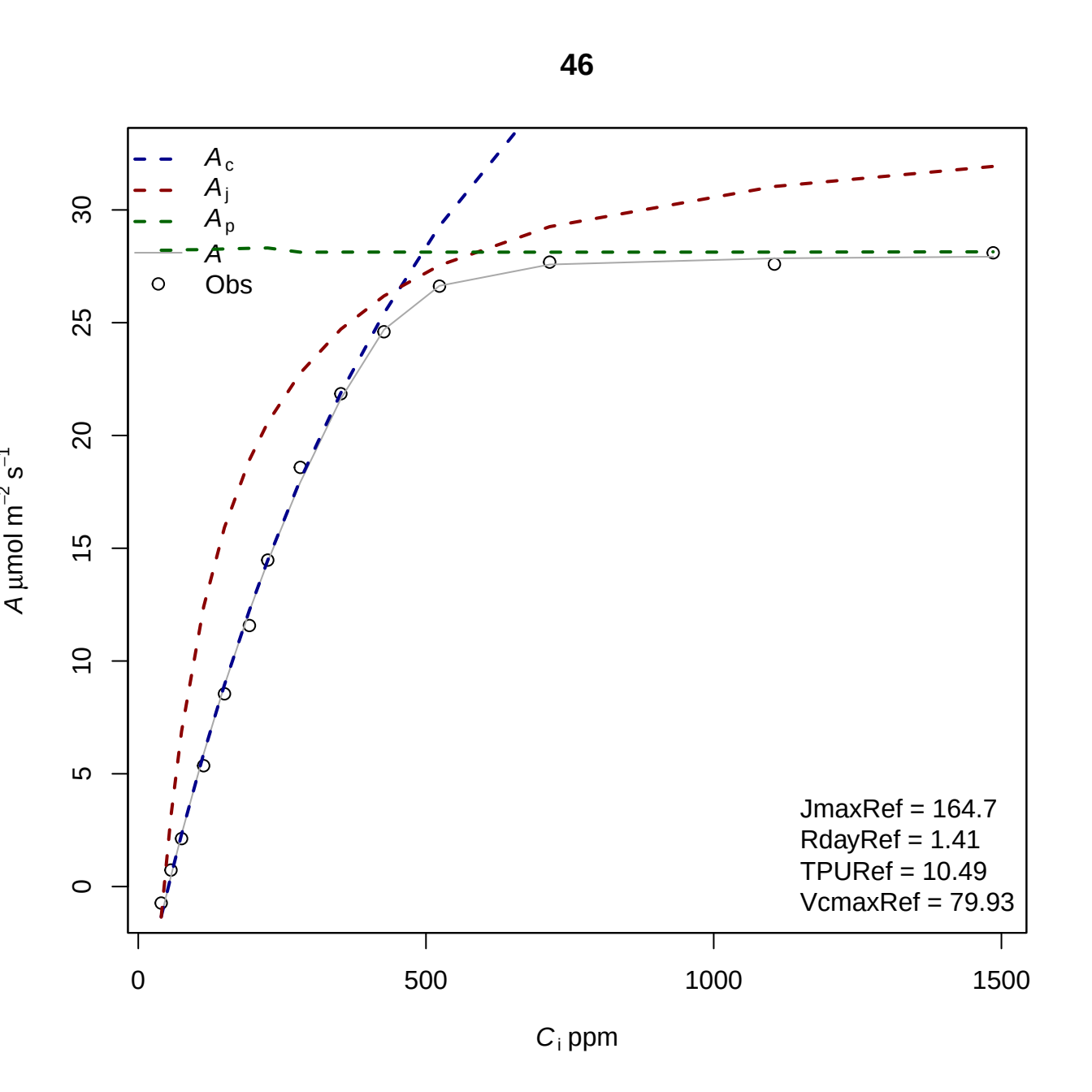

41
A_c
A_j
A_p
A
Obs
JmaxRef = 125.63
RdayRef = 1.25
TPURef = 7.86
VcmaxRef = 64.9
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

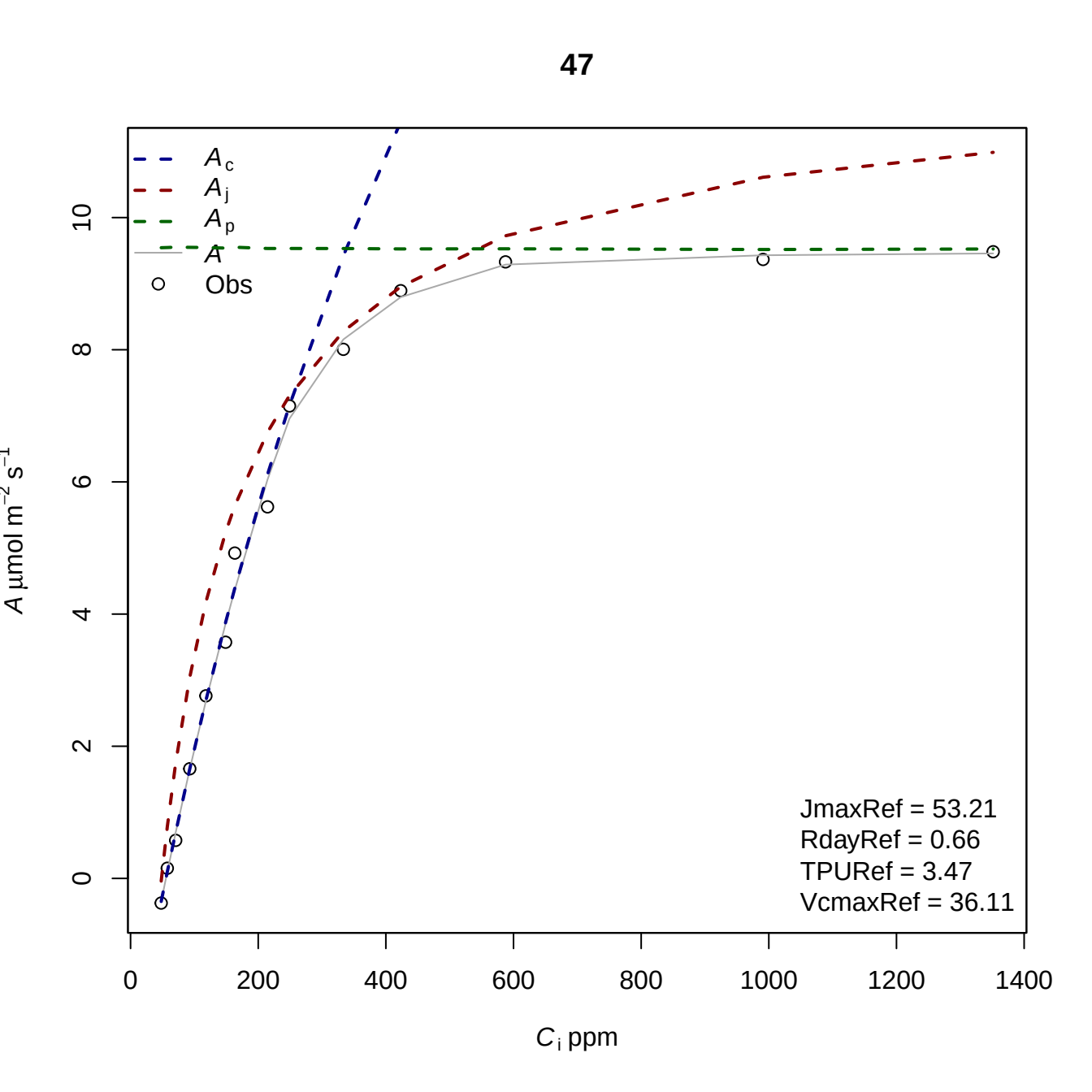

42
A_c
A_j
A_p
A
Obs
JmaxRef = 156.79
RdayRef = 1.13
TPURef = 10.74
VcmaxRef = 79.38
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
200
400
600
800
1000
1200
1400

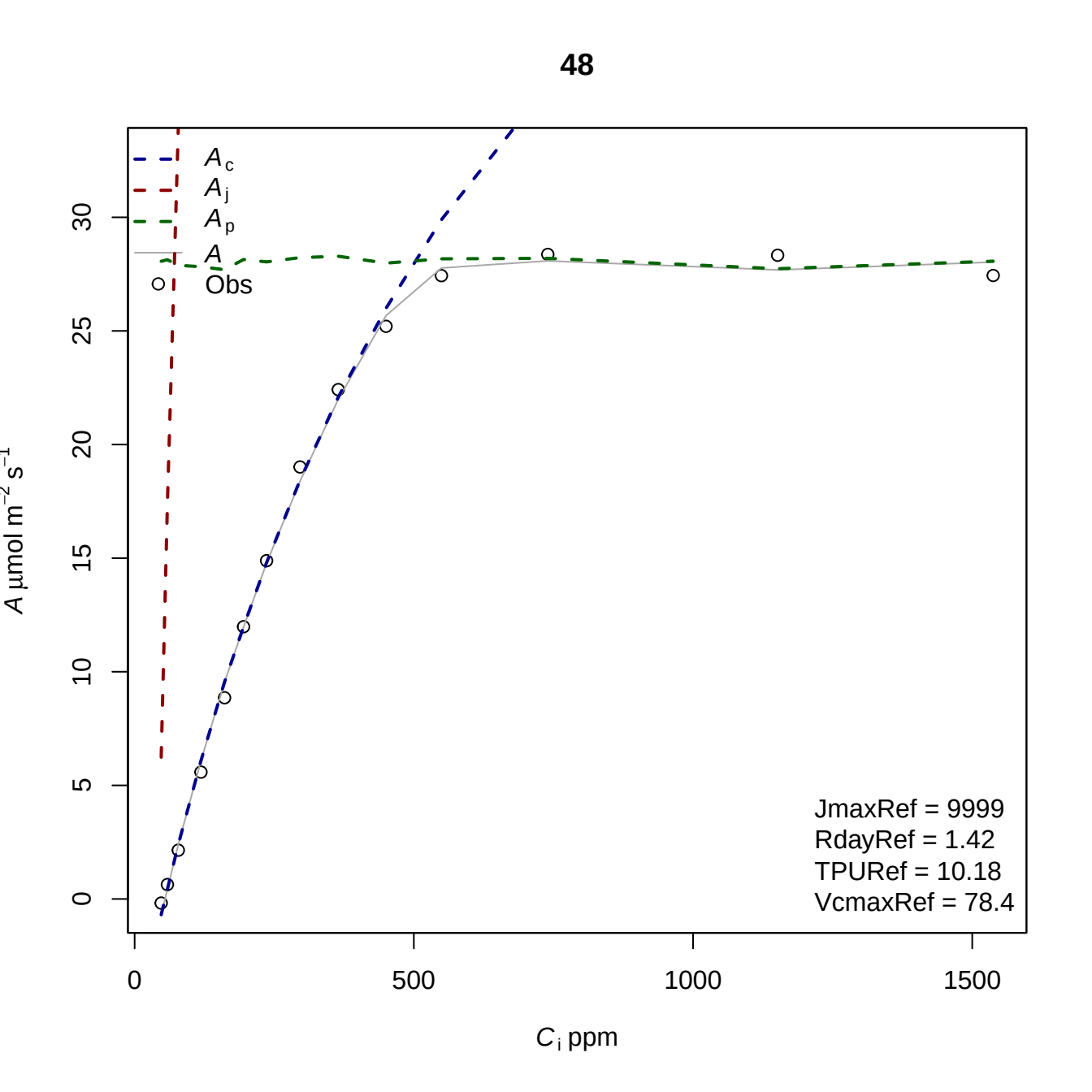

43
A_c
A_j
A_p
A
Obs
JmaxRef = 128.88
RdayRef = 0.95
TPURef = 7.98
VcmaxRef = 68.22
A µmol m^{-2} s^{-1}
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400
C_i ppm

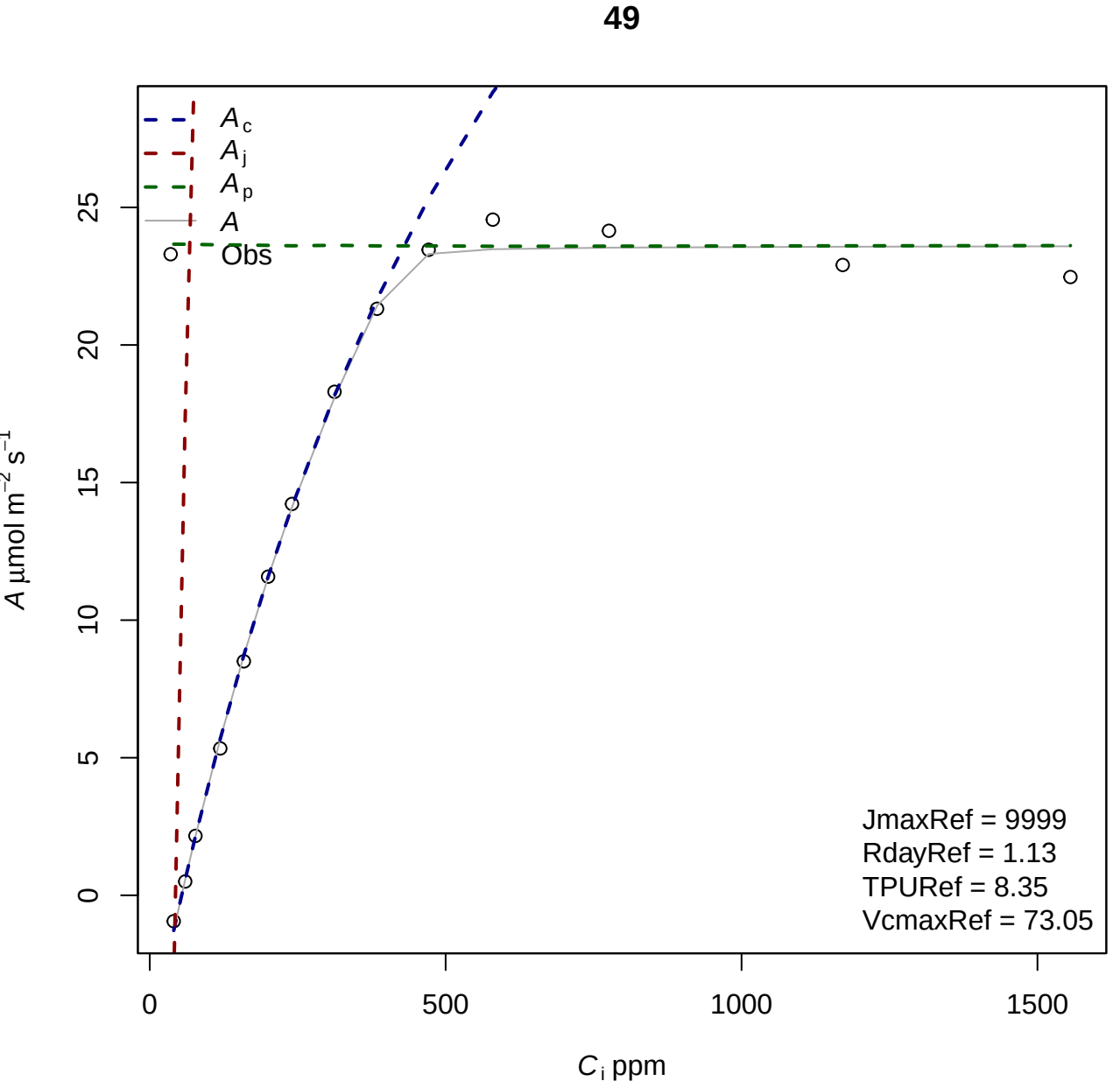

44
A_c
A_j
A_p
A
Obs
JmaxRef = 153.14
RdayRef = 0.11
TPURef = 9999
VcmaxRef = 72.51
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
0
200
400
600
800
1000
1200
1400

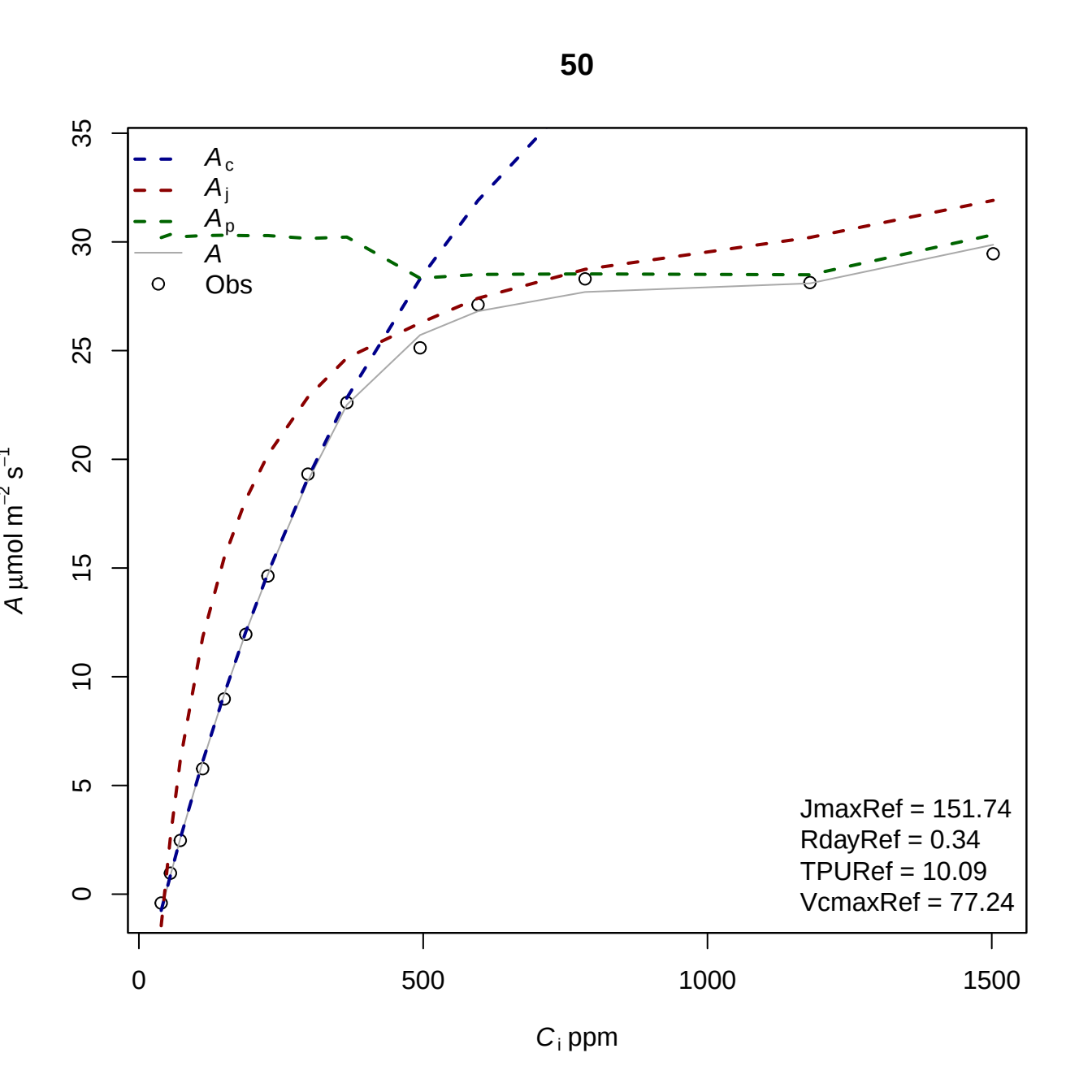

45
A_c
A_j
A_p
A
Obs
JmaxRef = 157.2
RdayRef = 1.52
TPURef = 9.76
VcmaxRef = 74.08
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
200
400
600
800
1000
1200
1400

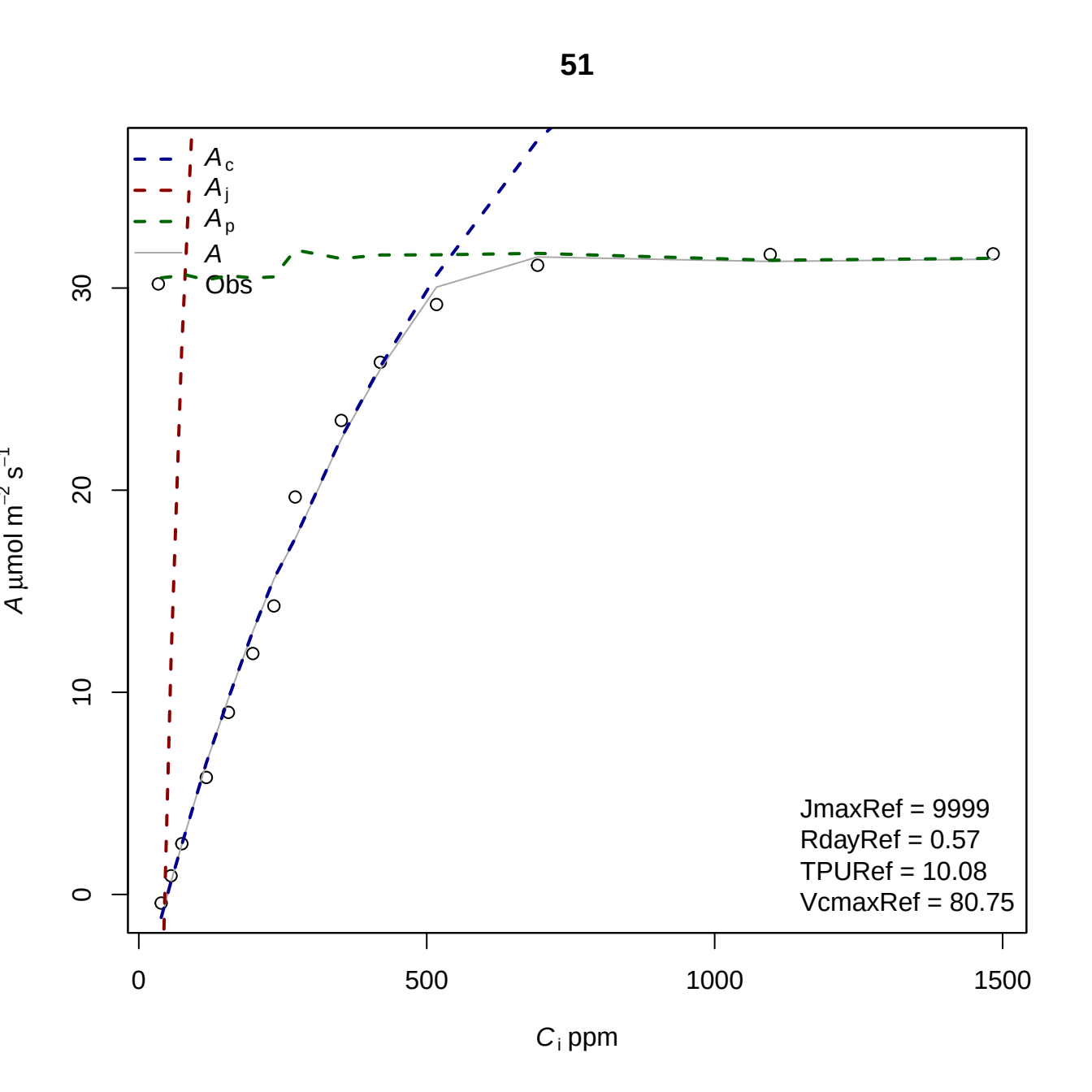

46
A_c
A_j
A_p
A
Obs
JmaxRef = 164.7
RdayRef = 1.41
TPURef = 10.49
VcmaxRef = 79.93
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

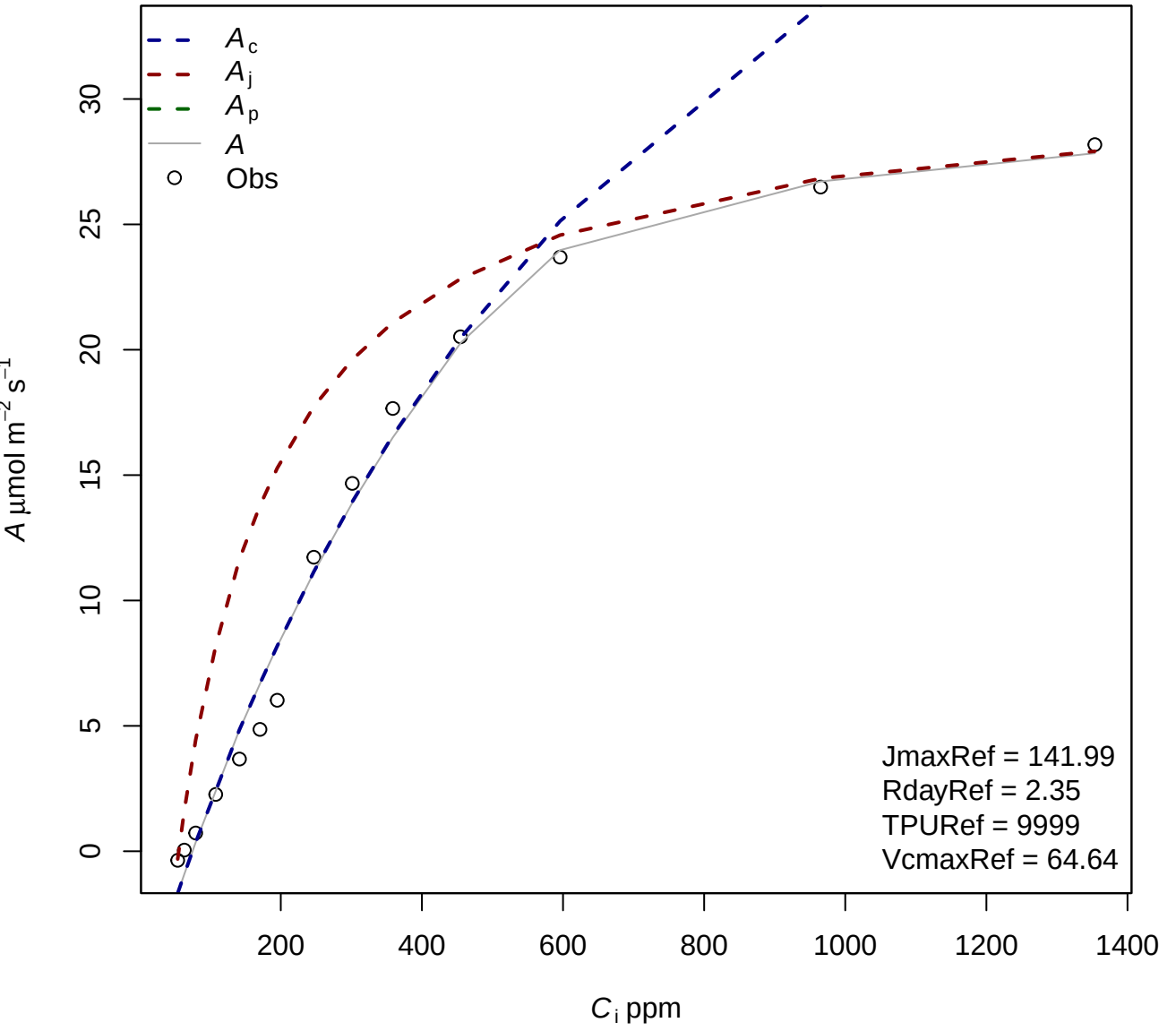

47
A_c
A_j
A_p
A
Obs
JmaxRef = 53.21
RdayRef = 0.66
TPURef = 3.47
VcmaxRef = 36.11
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
0
200
400
600
800
1000
1200
1400

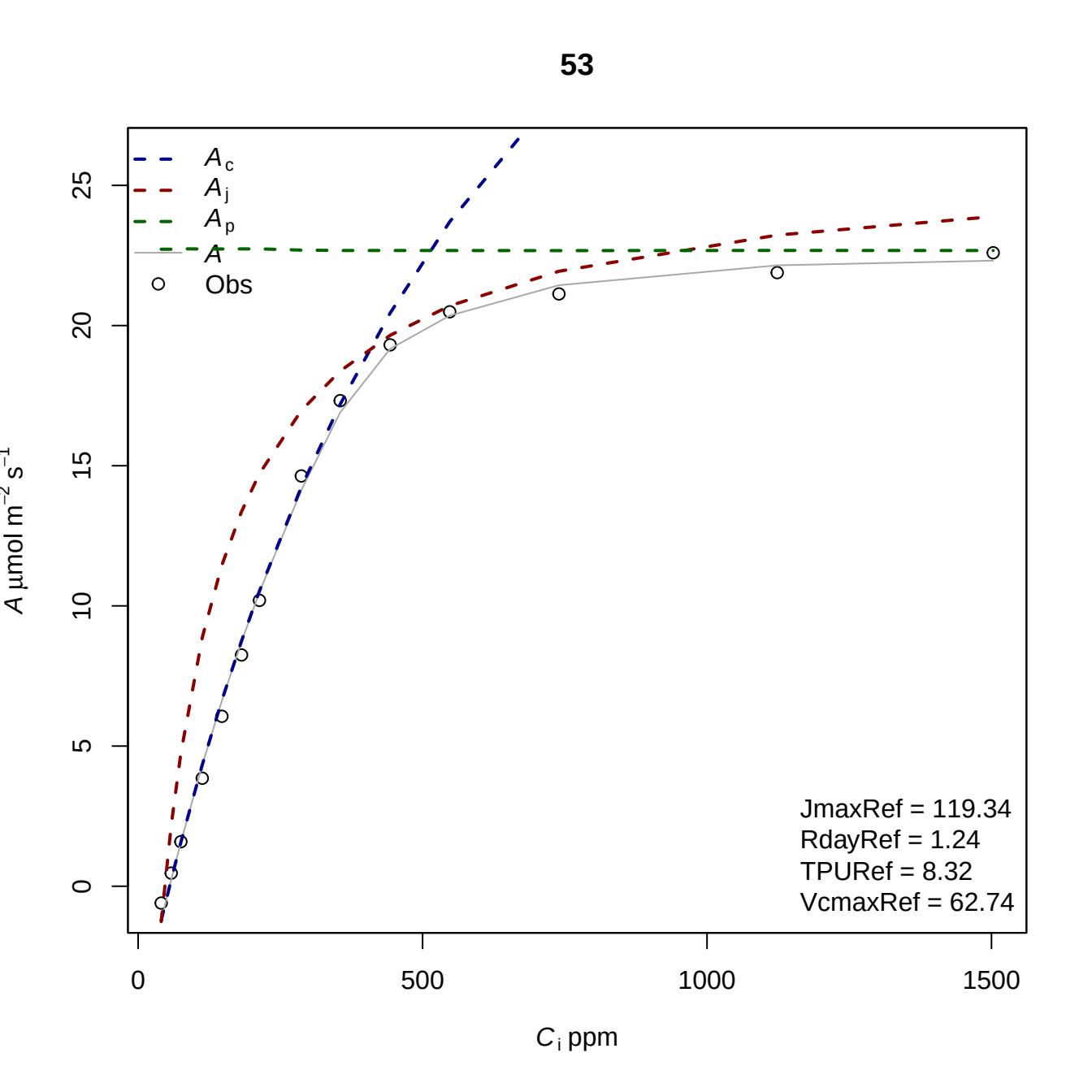

48
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.42
TPURef = 10.18
VcmaxRef = 78.4
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

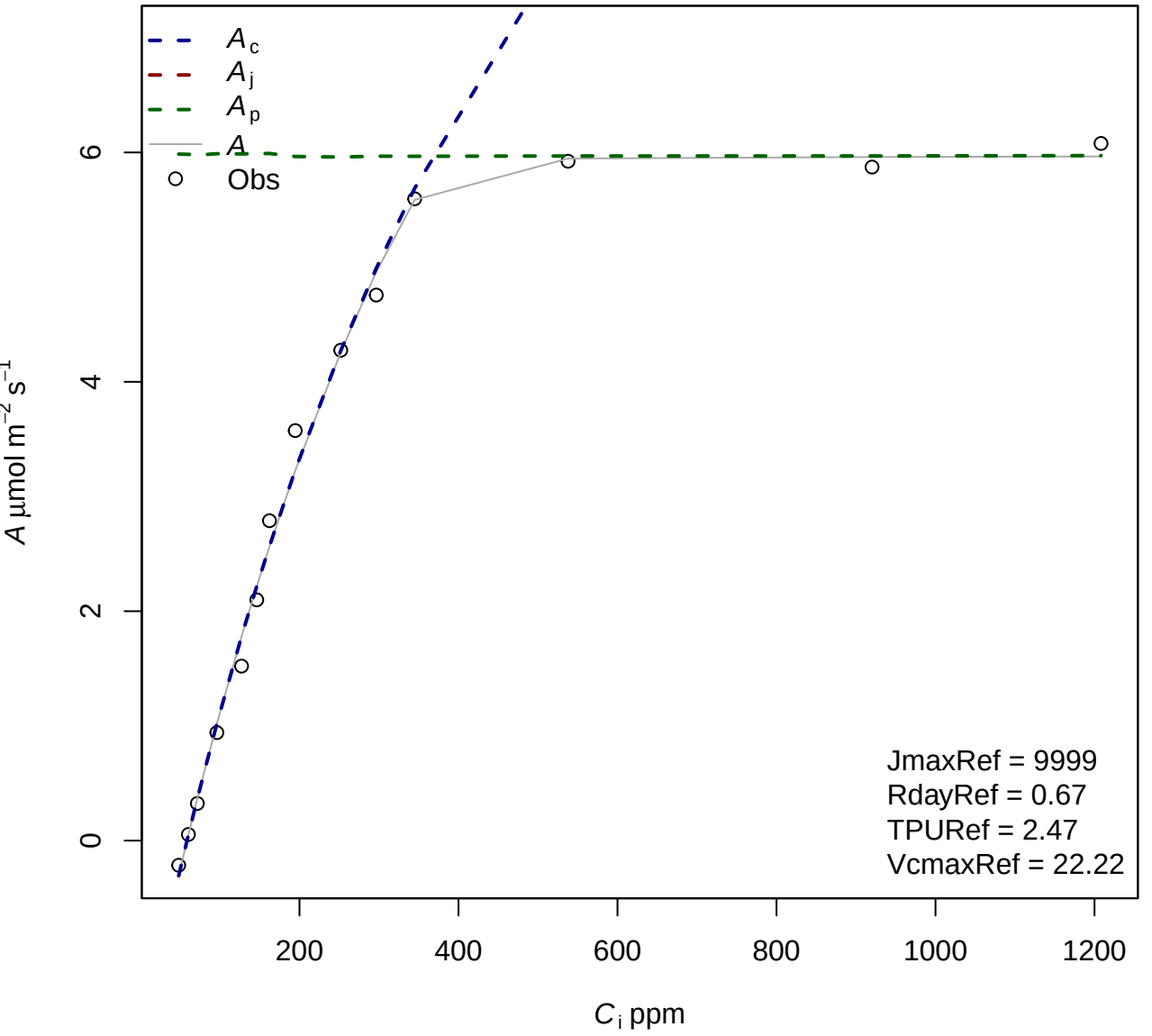

49
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.13
TPURef = 8.35
VcmaxRef = 73.05
A µmol m^{-2} s^{-1}
0
5
10
15
20
25
0
500
1000
1500
C_i ppm

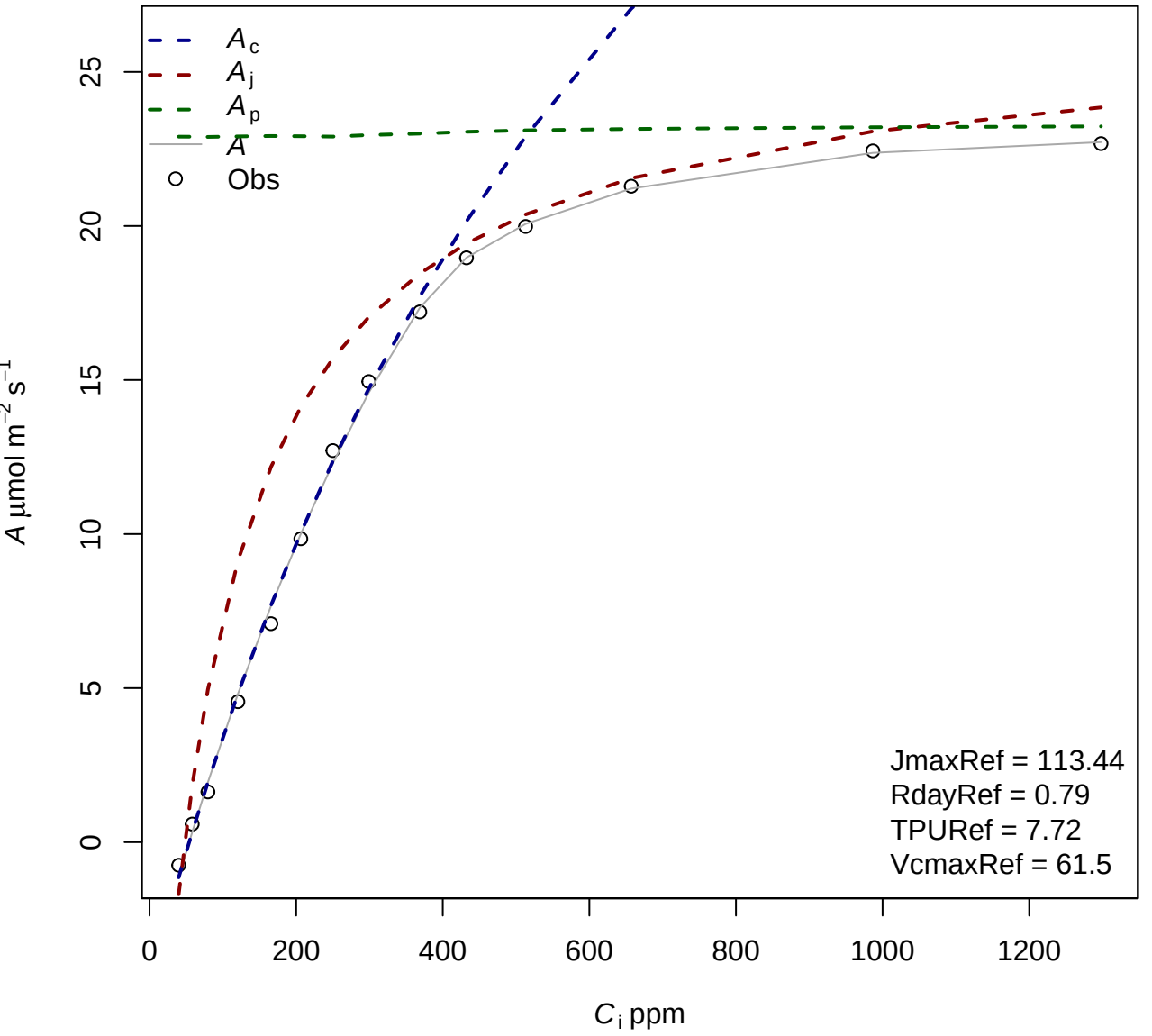

50
A_c
A_j
A_p
A
Obs
JmaxRef = 151.74
RdayRef = 0.34
TPURef = 10.09
VcmaxRef = 77.24
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
500
1000
1500

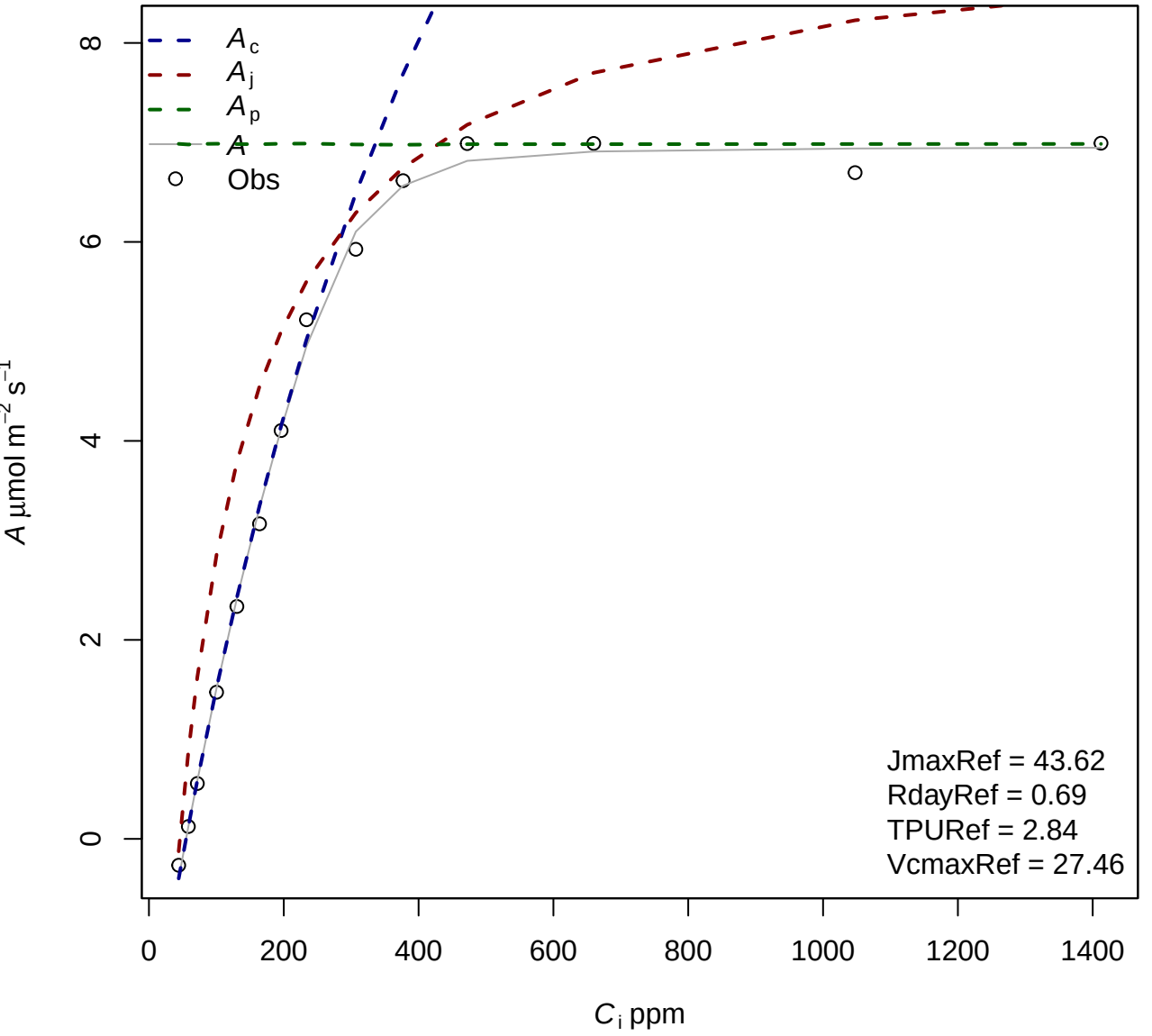

51
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.57
TPURef = 10.08
VcmaxRef = 80.75
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
0
500
1000
1500

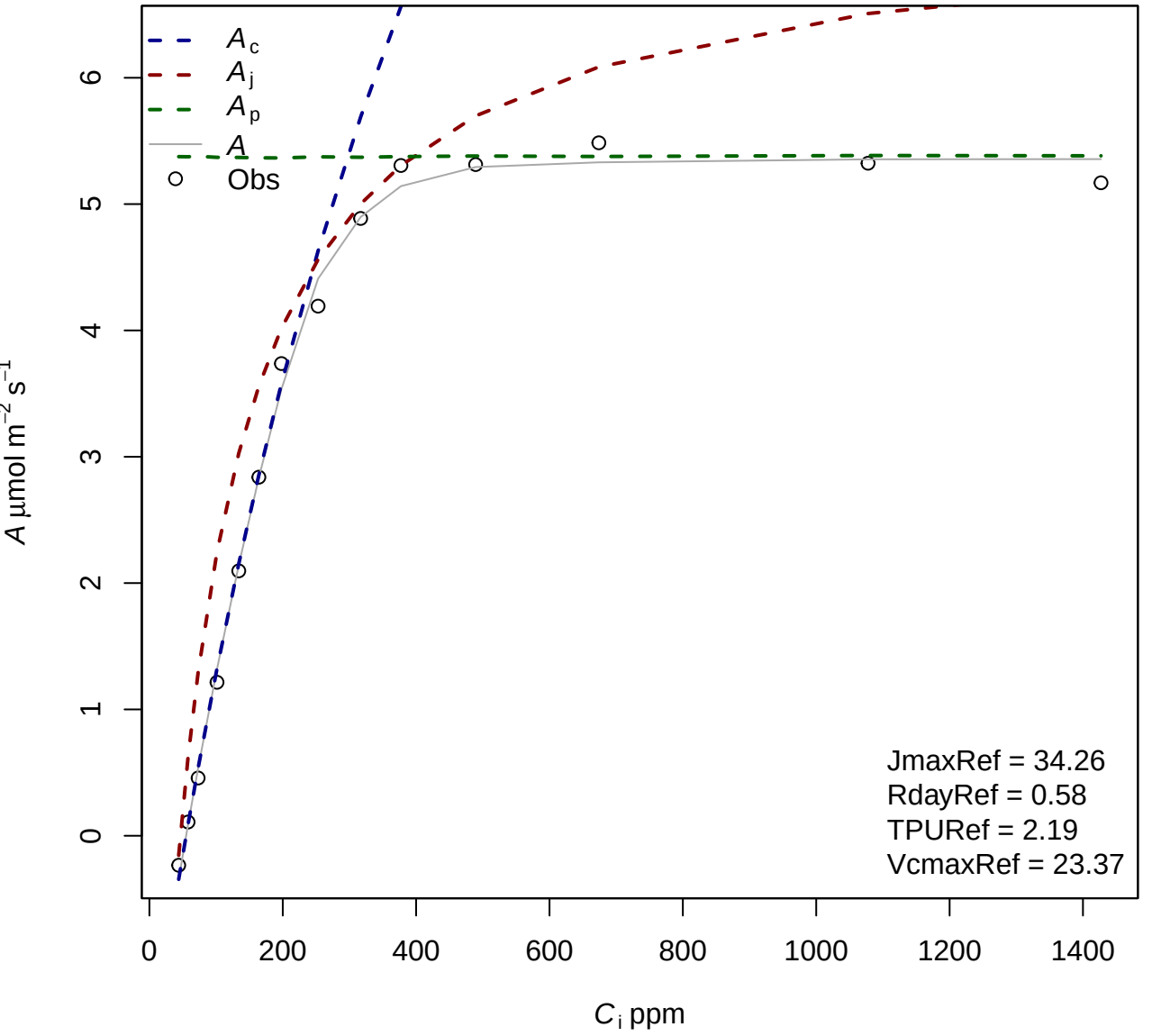

A_c
A_j
A_p
A
Obs
JmaxRef = 141.99
RdayRef = 2.35
TPURef = 9999
VcmaxRef = 64.64
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000
1200
1400

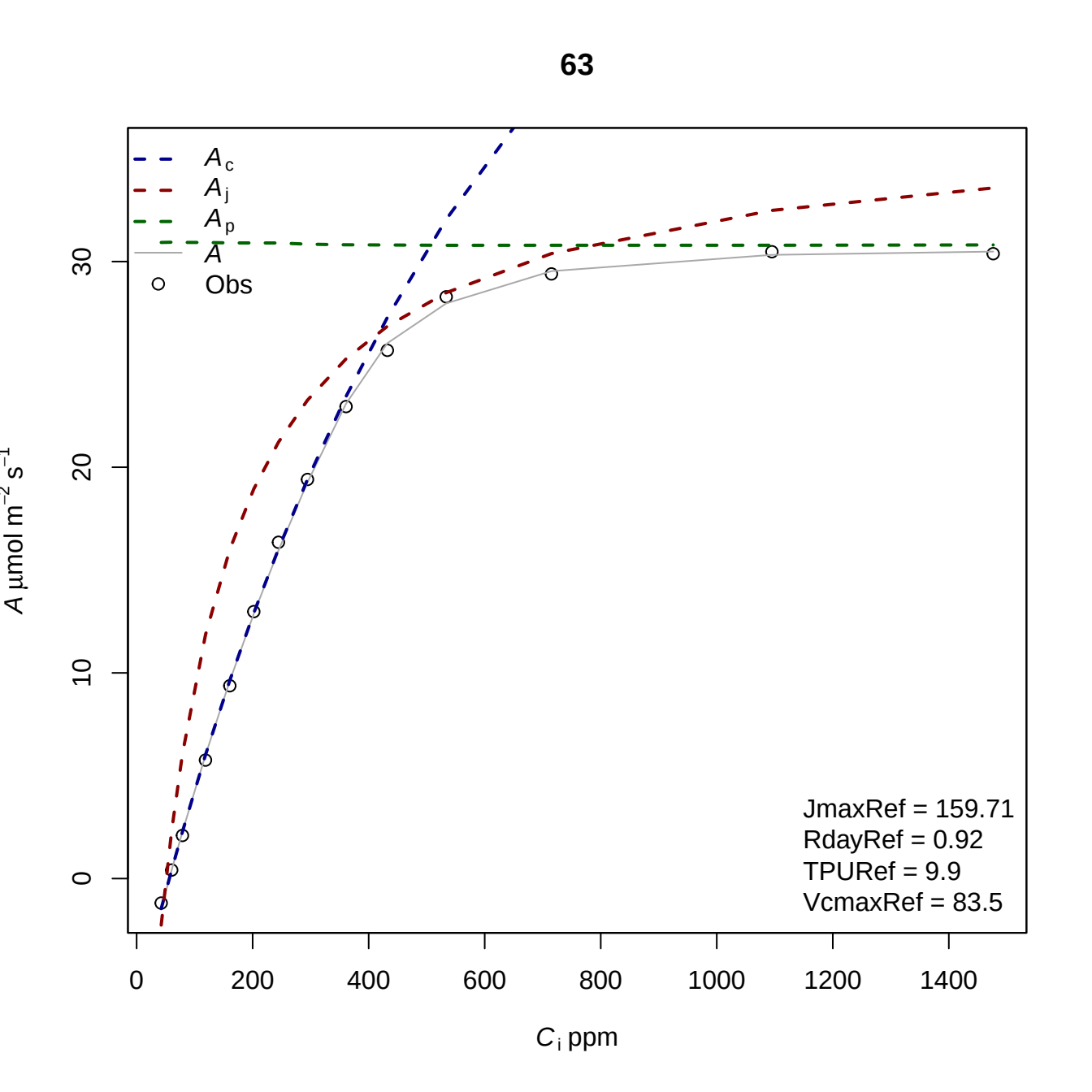

53
A_c
A_j
A_p
A
Obs
JmaxRef = 119.34
RdayRef = 1.24
TPURef = 8.32
VcmaxRef = 62.74
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

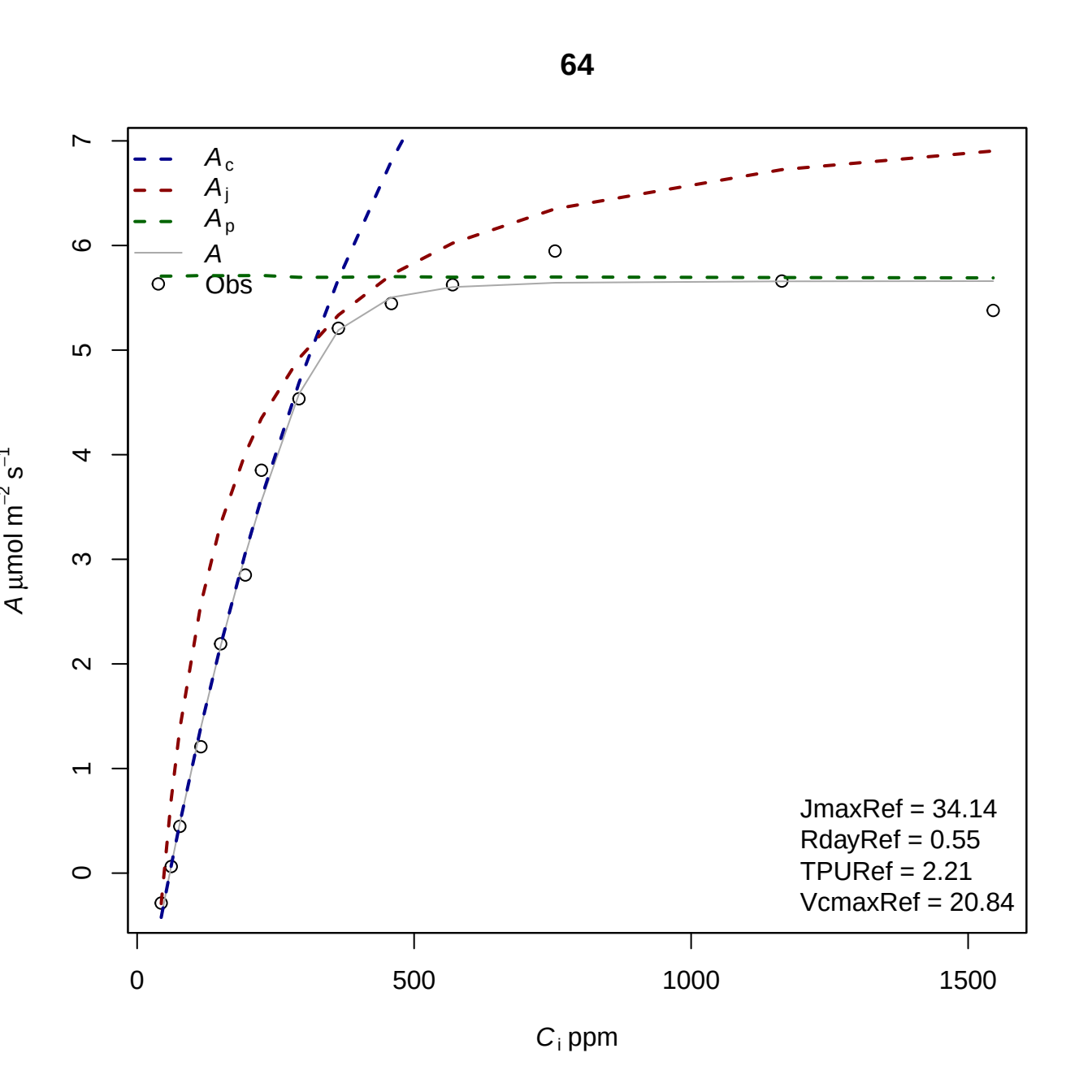

A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.67
TPURef = 2.47
VcmaxRef = 22.22
0
2
4
6
200
400
600
800
1000
1200
A µmol m^{-2} s^{-1}
C_i ppm

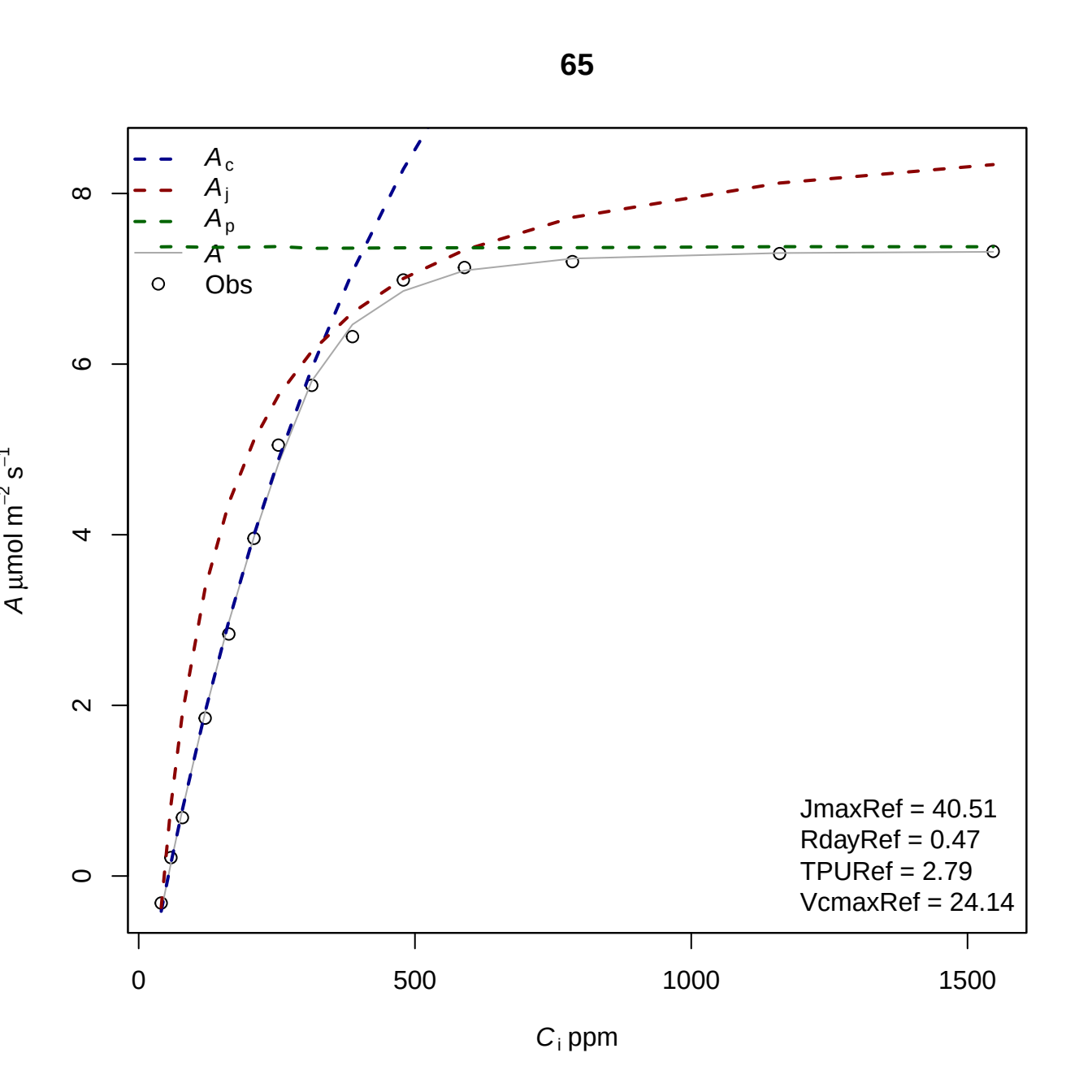

A_c
A_j
A_p
A
Obs
JmaxRef = 113.44
RdayRef = 0.79
TPURef = 7.72
VcmaxRef = 61.5
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

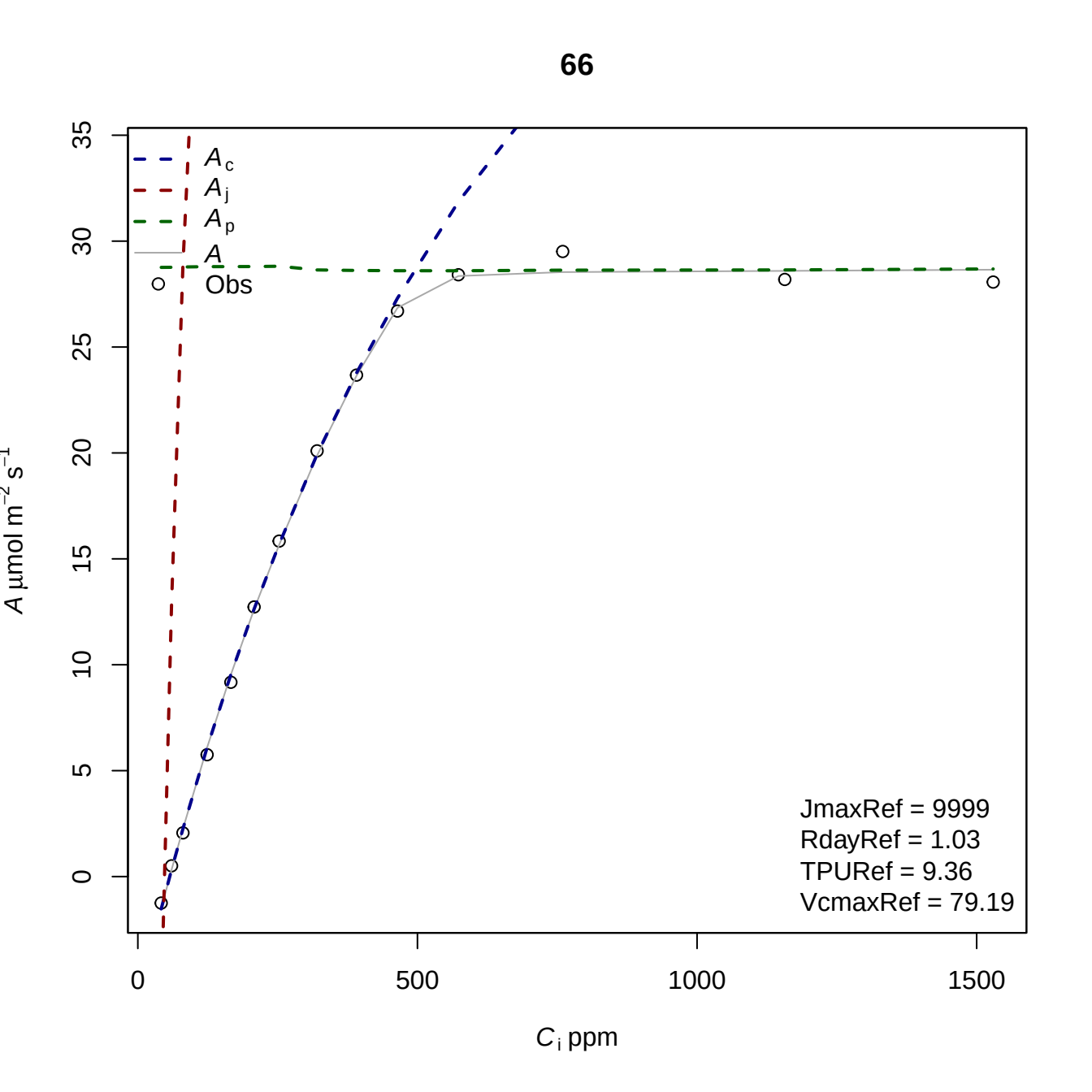

A_c
A_j
A_p
A
Obs
JmaxRef = 43.62
RdayRef = 0.69
TPURef = 2.84
VcmaxRef = 27.46
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
0
200
400
600
800
1000
1200
1400

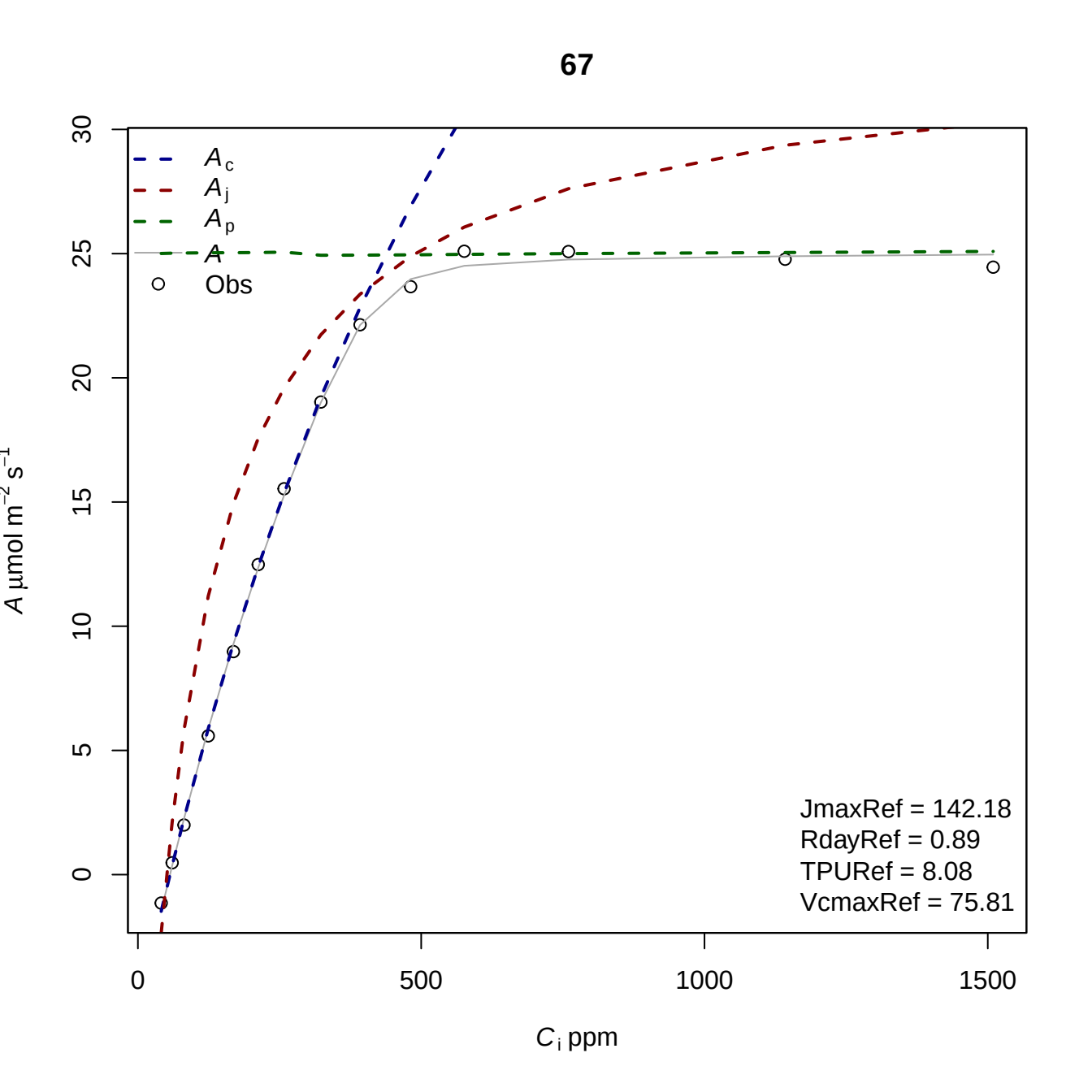

A_c
A_j
A_p
A
Obs
JmaxRef = 34.26
RdayRef = 0.58
TPURef = 2.19
VcmaxRef = 23.37
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
5
6
0
200
400
600
800
1000
1200
1400

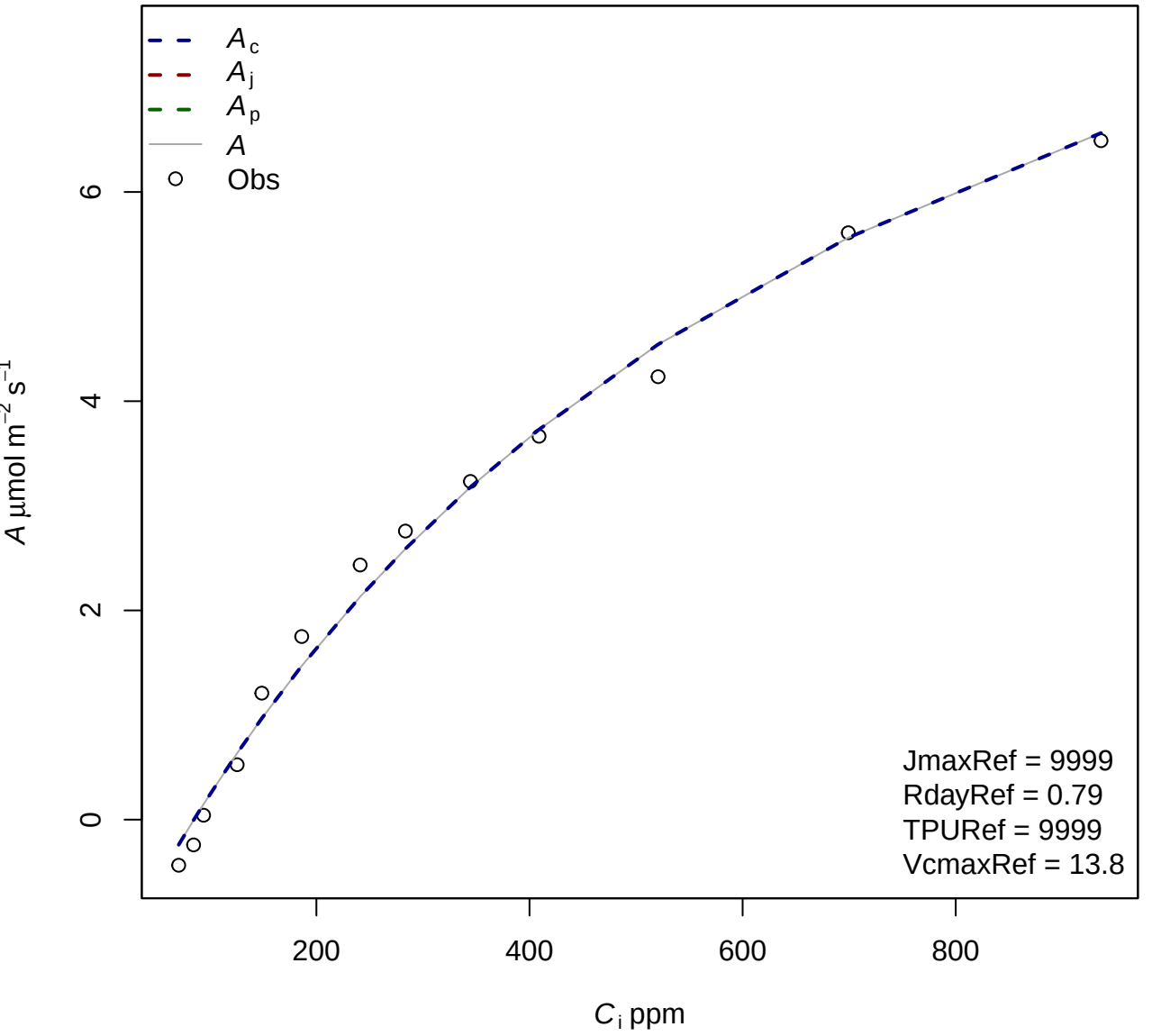

63
A_c
A_j
A_p
A
Obs
JmaxRef = 159.71
RdayRef = 0.92
TPURef = 9.9
VcmaxRef = 83.5
A µmol m^{-2} s^{-1}
0
10
20
30
0
200
400
600
800
1000
1200
1400
C_i ppm

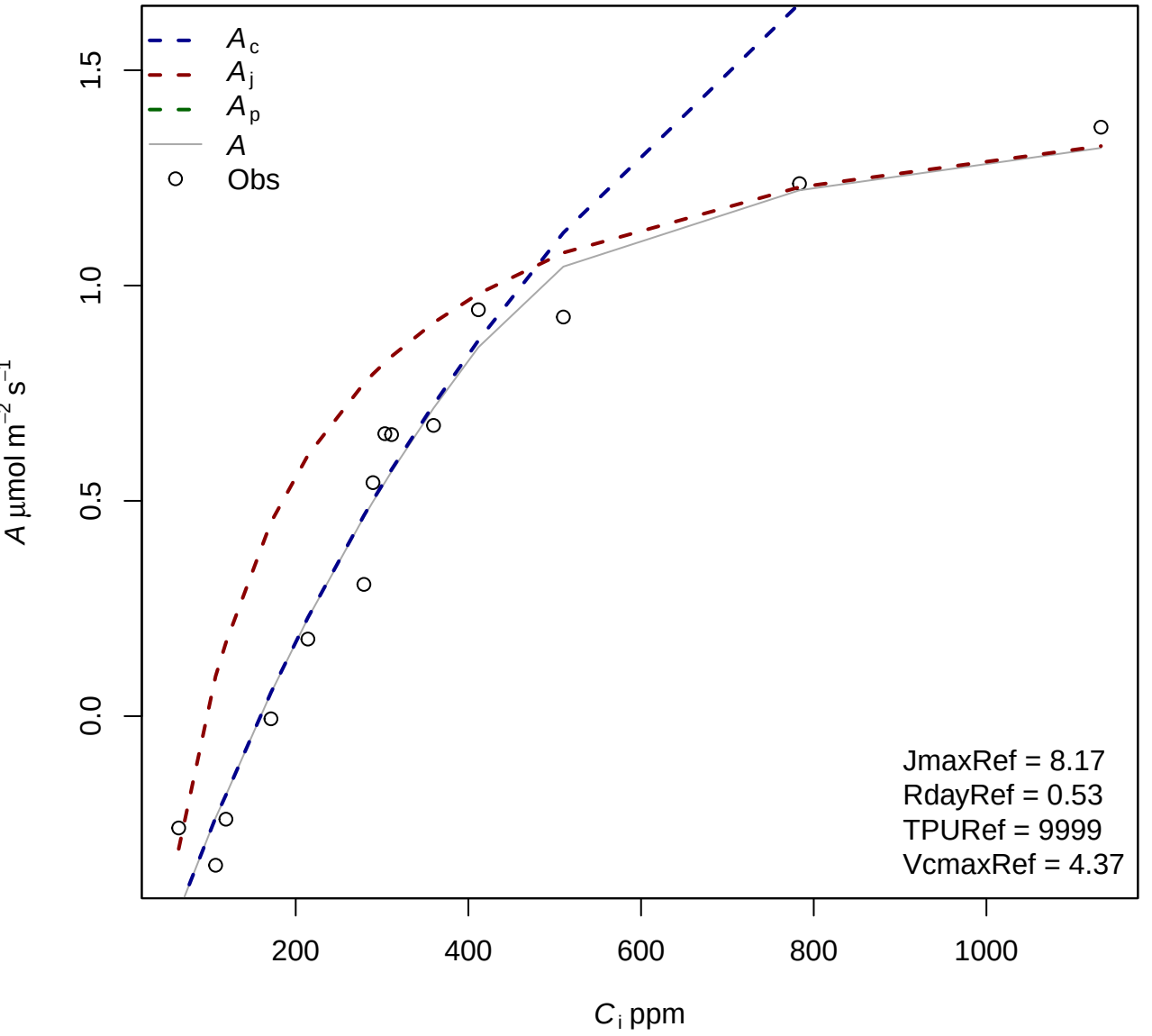

64
A_c
A_j
A_p
A
Obs
JmaxRef = 34.14
RdayRef = 0.55
TPURef = 2.21
VcmaxRef = 20.84
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
5
6
7
0
500
1000
1500

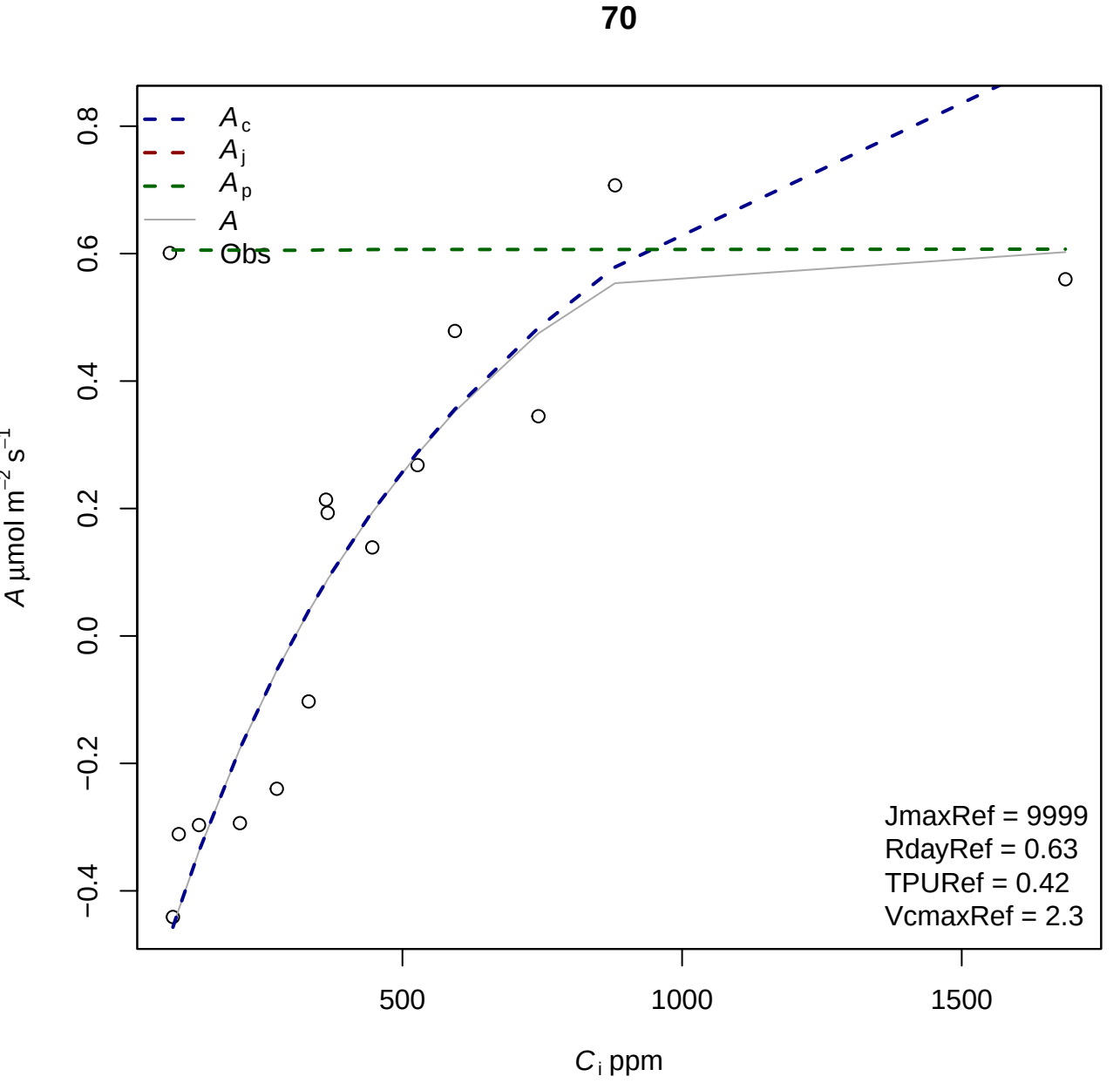

65
A_c
A_j
A_p
A
Obs
JmaxRef = 40.51
RdayRef = 0.47
TPURef = 2.79
VcmaxRef = 24.14
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
0
500
1000
1500

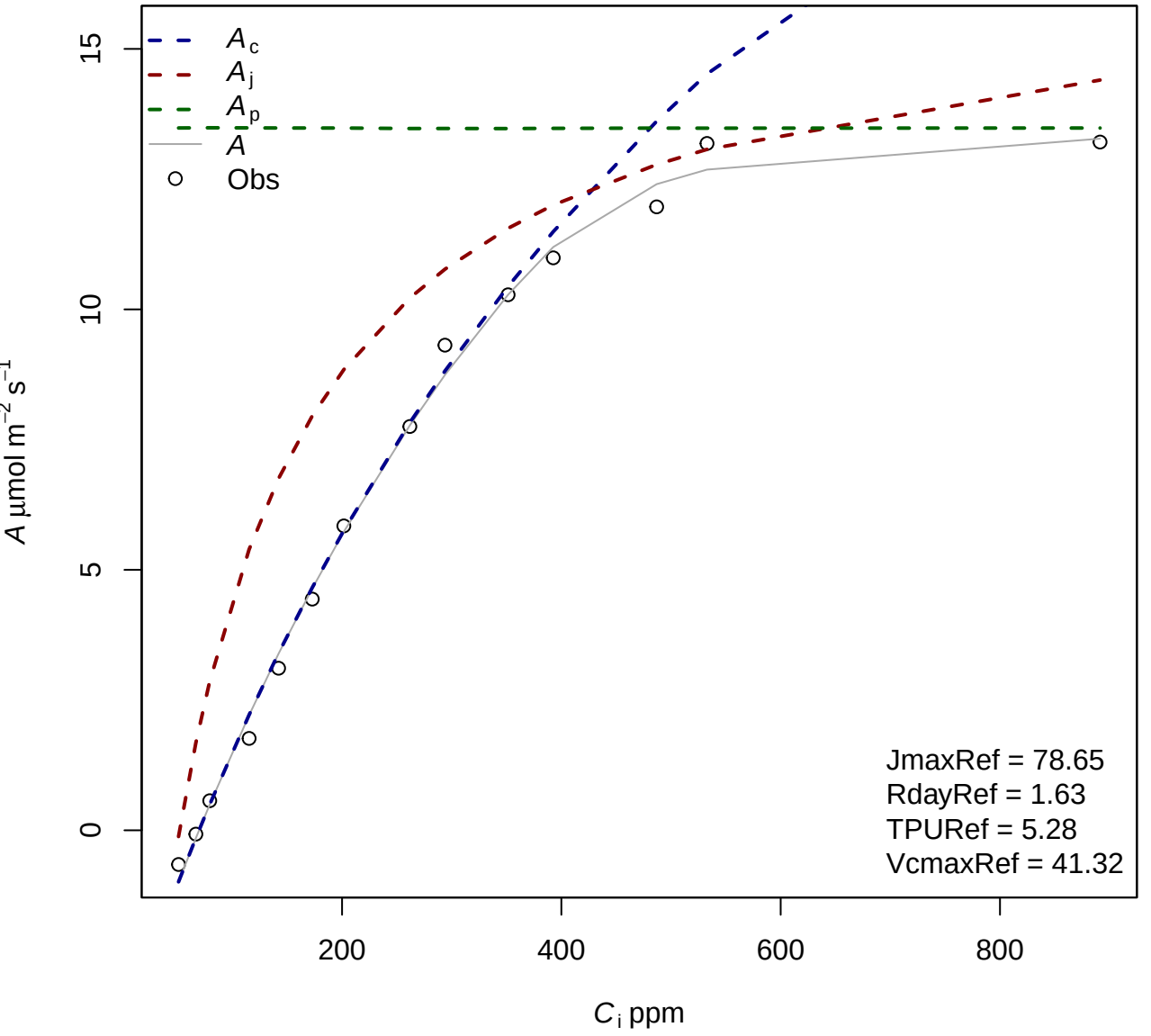

66
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.03
TPURef = 9.36
VcmaxRef = 79.19
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
500
1000
1500

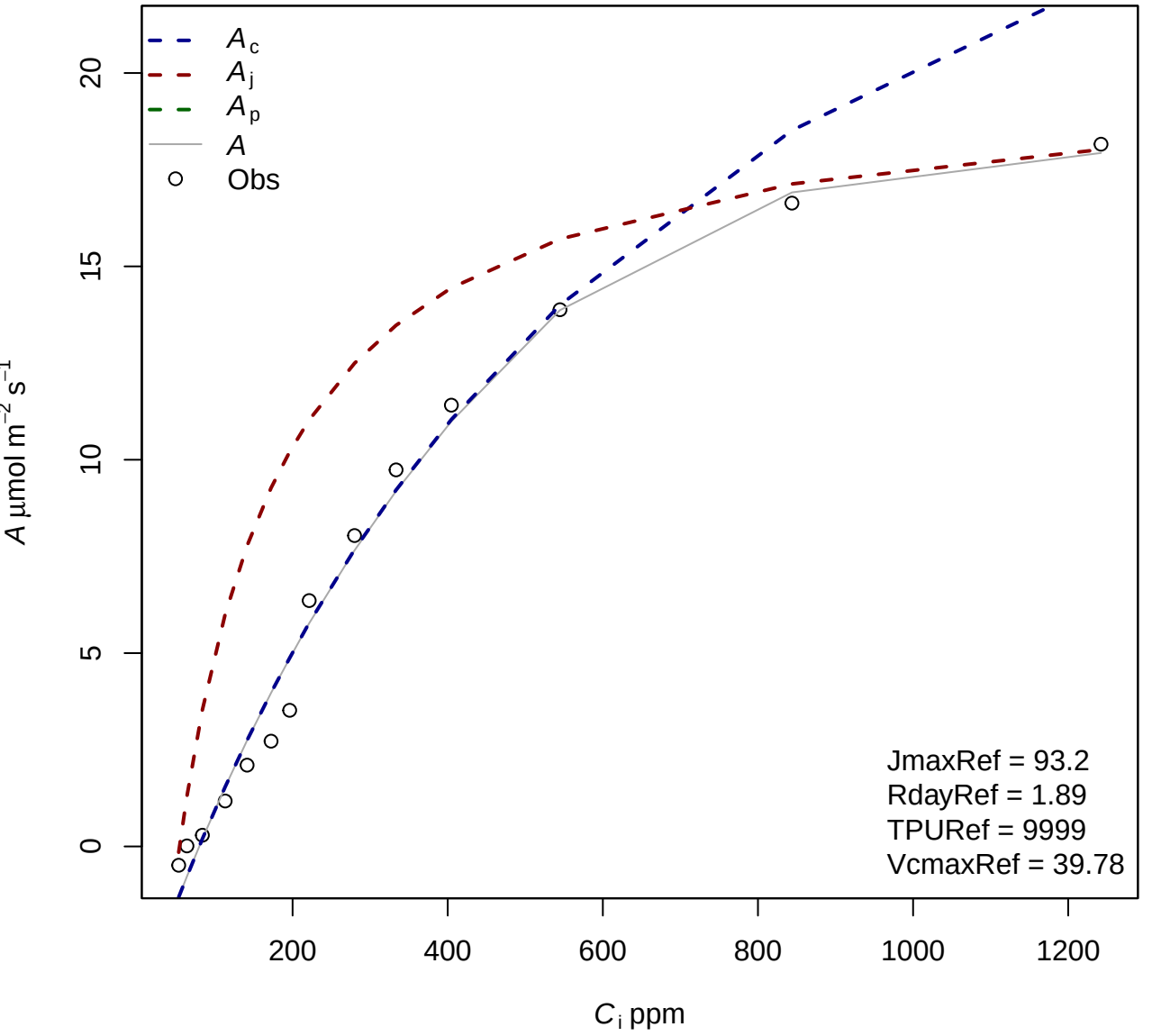

67
A_c
A_j
A_p
A
Obs
JmaxRef = 142.18
RdayRef = 0.89
TPURef = 8.08
VcmaxRef = 75.81
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

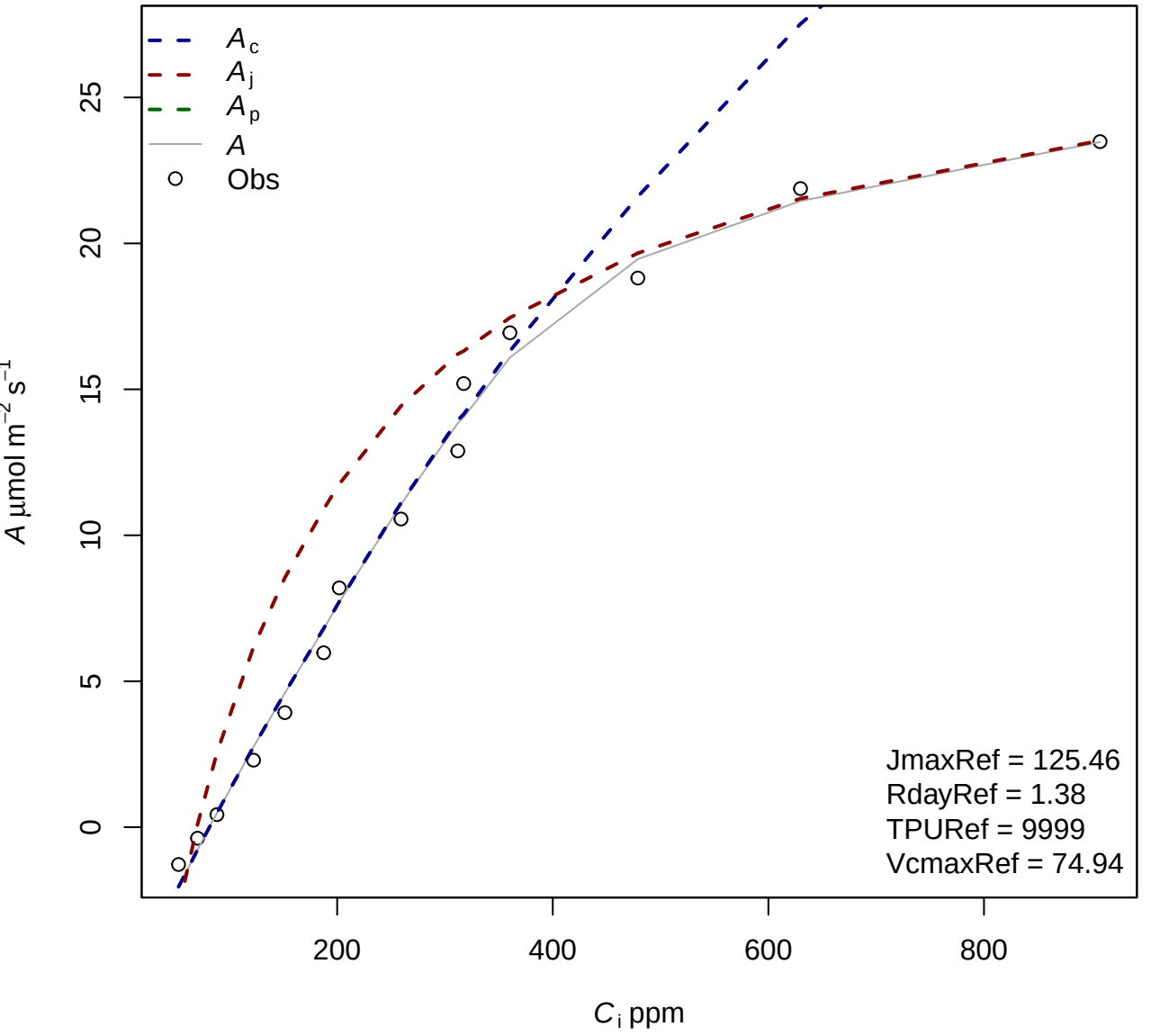

A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.79
TPURef = 9999
VcmaxRef = 13.8
A µmol m^{-2} s^{-1}
0
2
4
6
200
400
600
800
C_i ppm

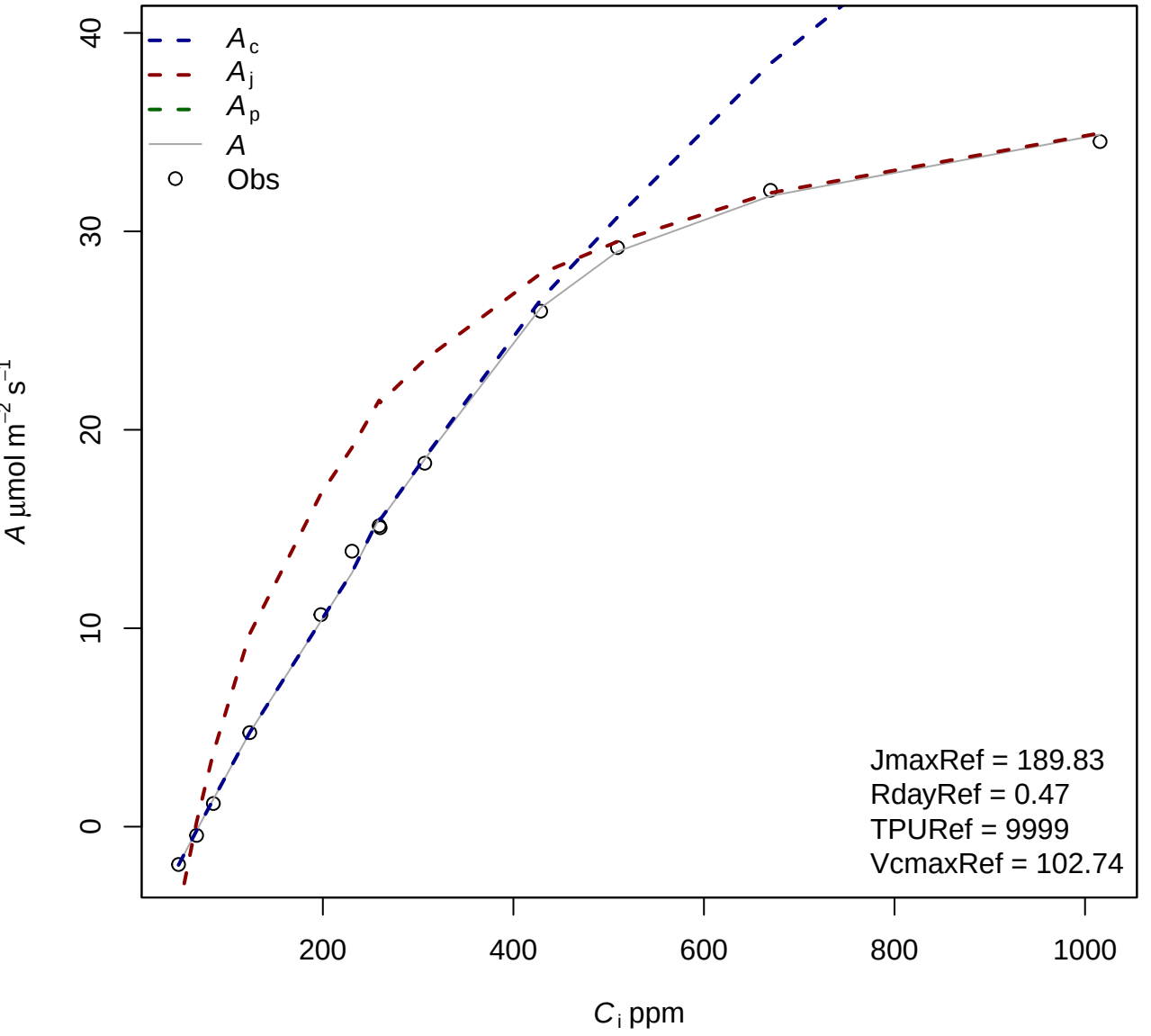

A_c
A_j
A_p
A
Obs
JmaxRef = 8.17
RdayRef = 0.53
TPURef = 9999
VcmaxRef = 4.37
0.0
0.5
1.0
1.5
200
400
600
800
1000
A µmol m^{-2} s^{-1}
C_i ppm

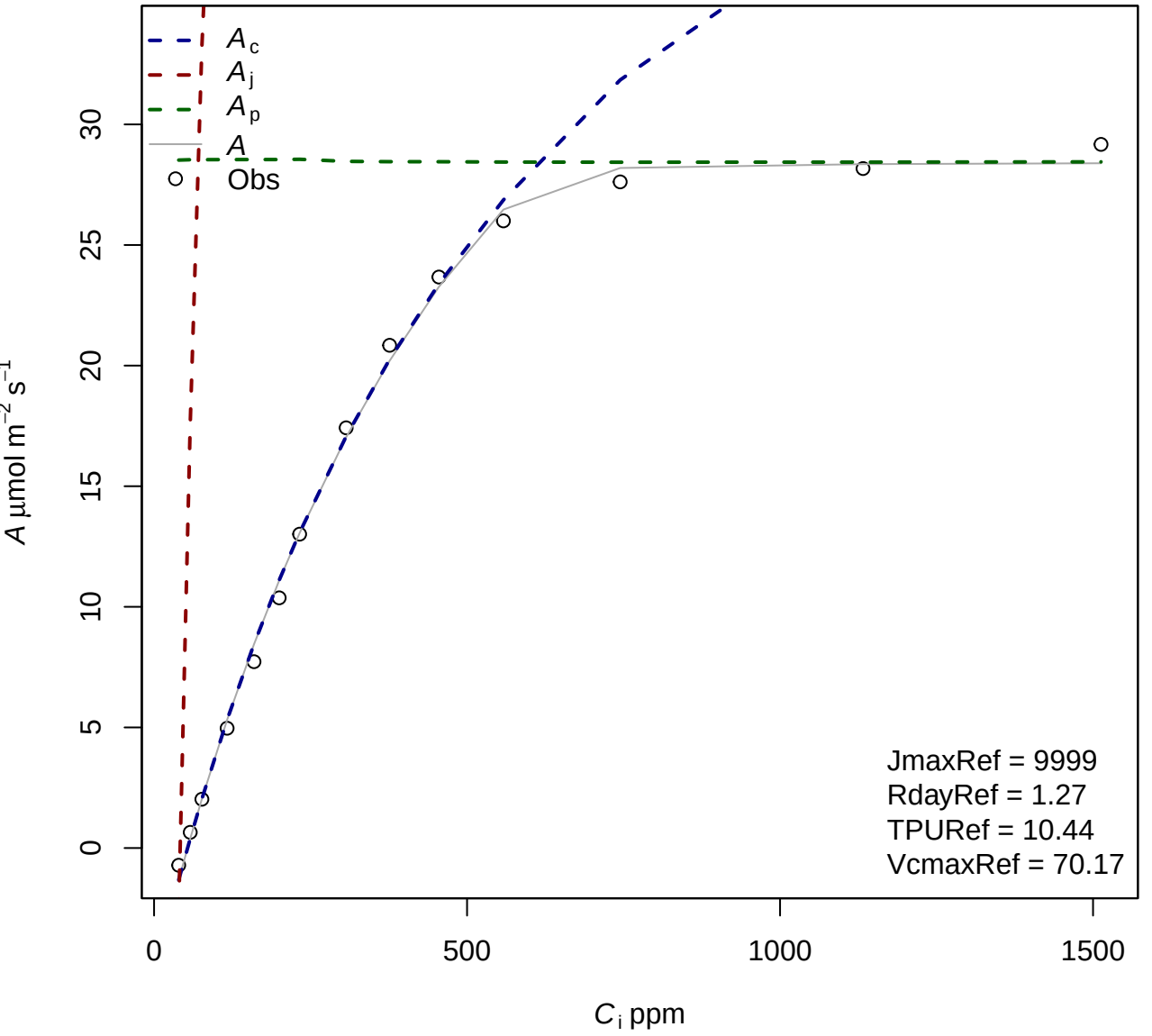

70
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.63
TPURef = 0.42
VcmaxRef = 2.3
A µmol m^{-2} s^{-1}
C_i ppm
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
500
1000
1500

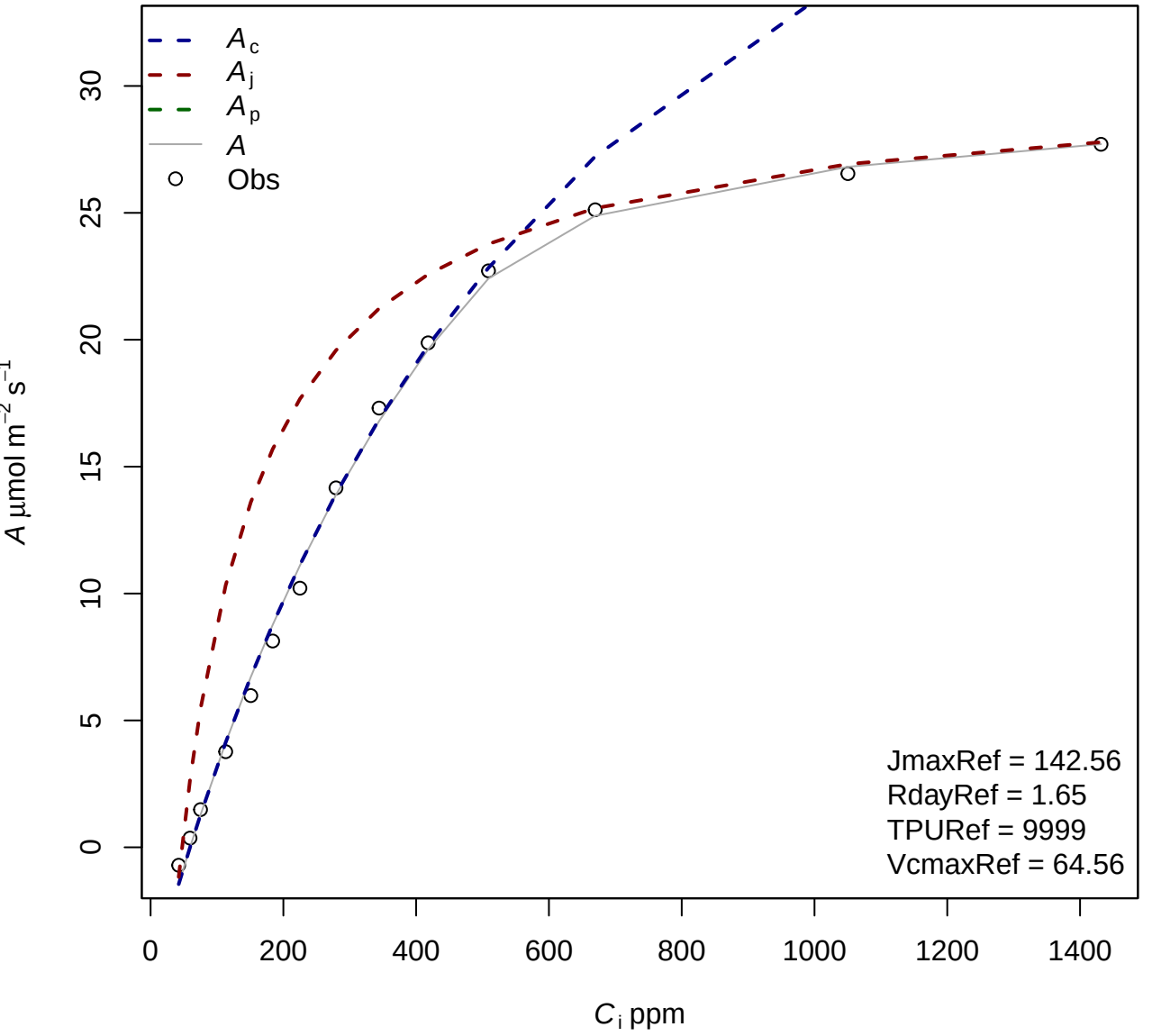

A_c
A_j
A_p
A
Obs
JmaxRef = 78.65
RdayRef = 1.63
TPURef = 5.28
VcmaxRef = 41.32
0
5
10
15
200
400
600
800
A µmol m^{-2} s^{-1}
C_i ppm

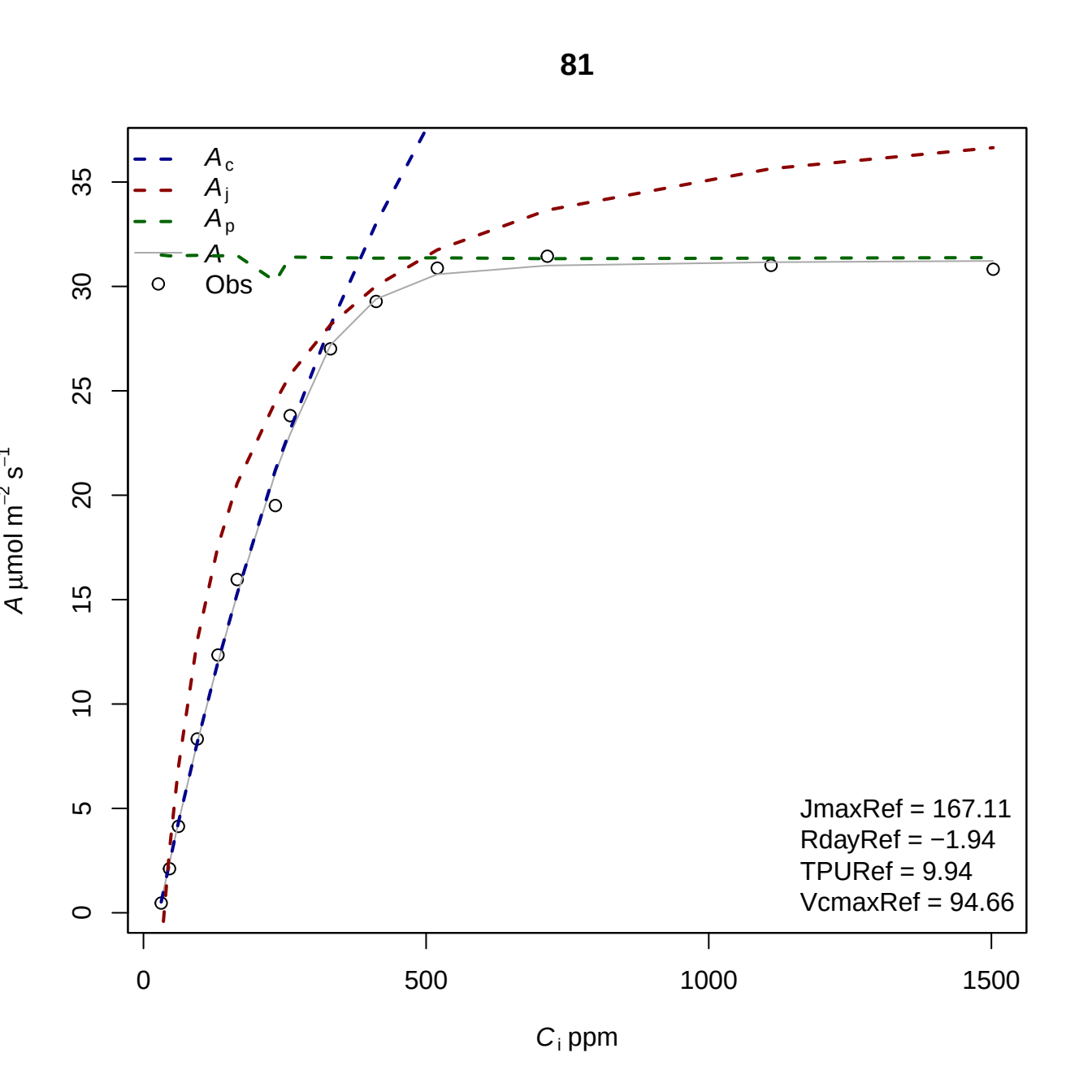

A_c
A_j
A_p
A
Obs
JmaxRef = 93.2
RdayRef = 1.89
TPURef = 9999
VcmaxRef = 39.78
0
5
10
15
20
200
400
600
800
1000
1200
A µmol m^{-2} s^{-1}
C_i ppm

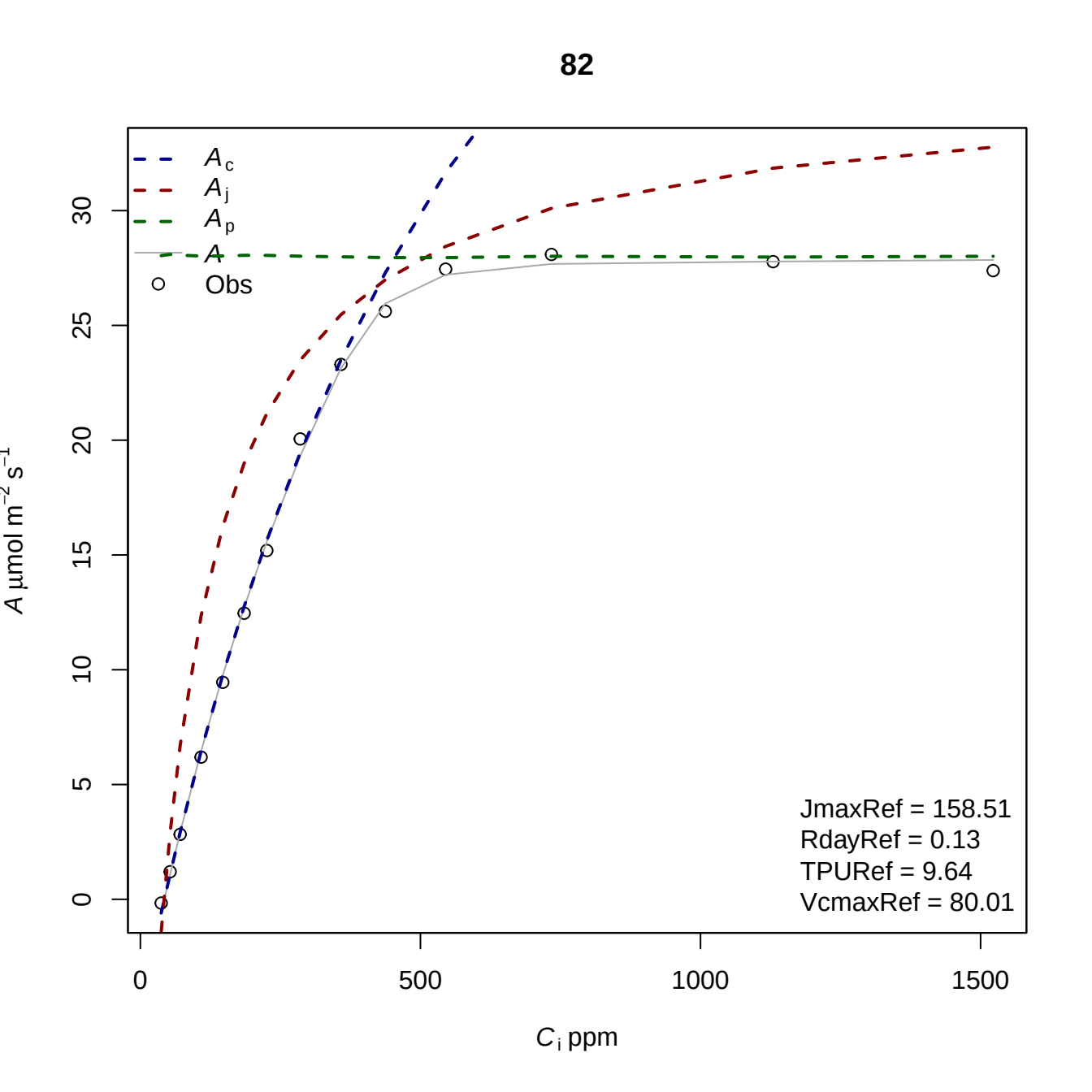

A_c
A_j
A_p
A
Obs
JmaxRef = 125.46
RdayRef = 1.38
TPURef = 9999
VcmaxRef = 74.94
0
5
10
15
20
25
200
400
600
800
A µmol m^{-2} s^{-1}
C_i ppm

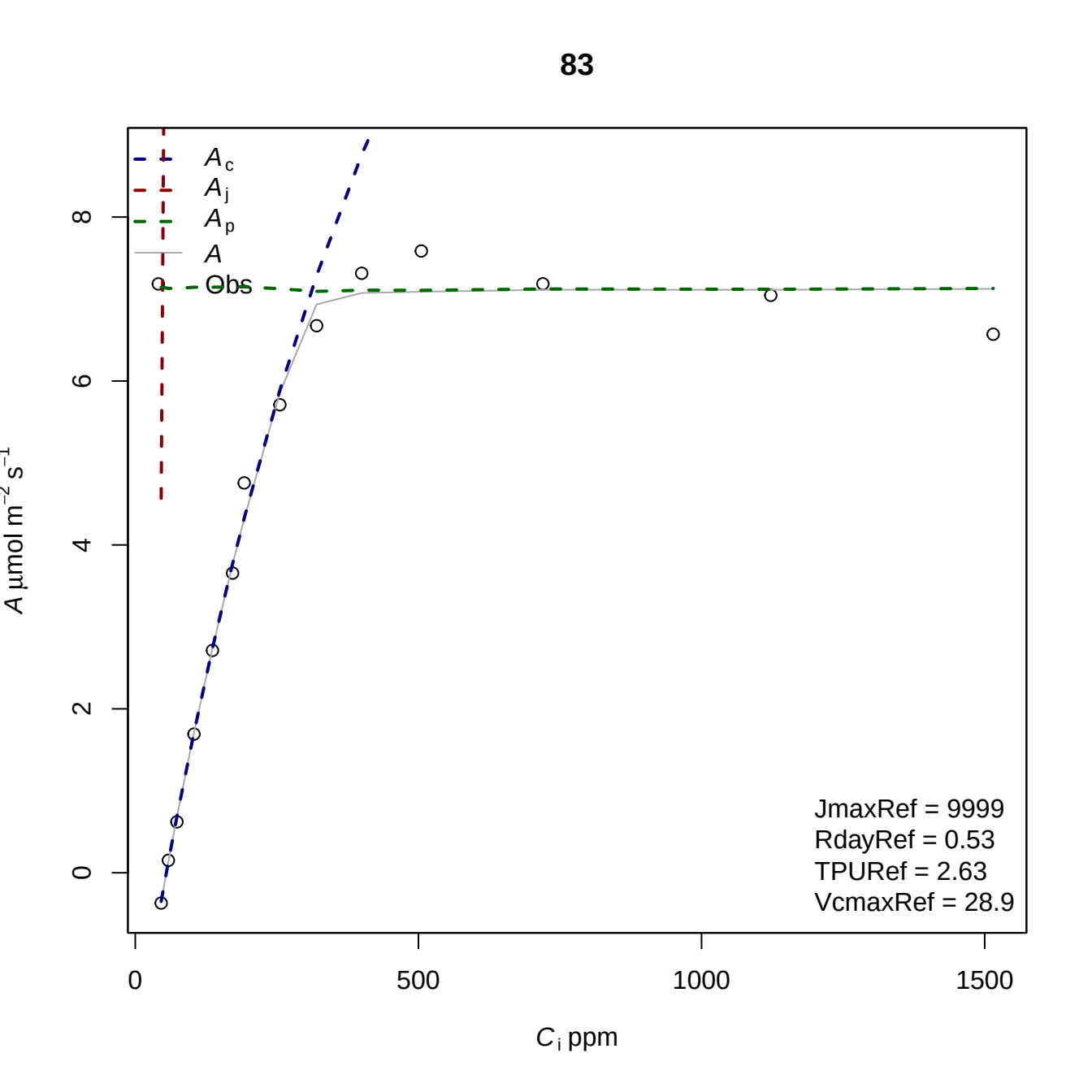

A_c
A_j
A_p
A
Obs
JmaxRef = 189.83
RdayRef = 0.47
TPURef = 9999
VcmaxRef = 102.74
0
10
20
30
40
200
400
600
800
1000
A µmol m^{-2} s^{-1}
C_i ppm

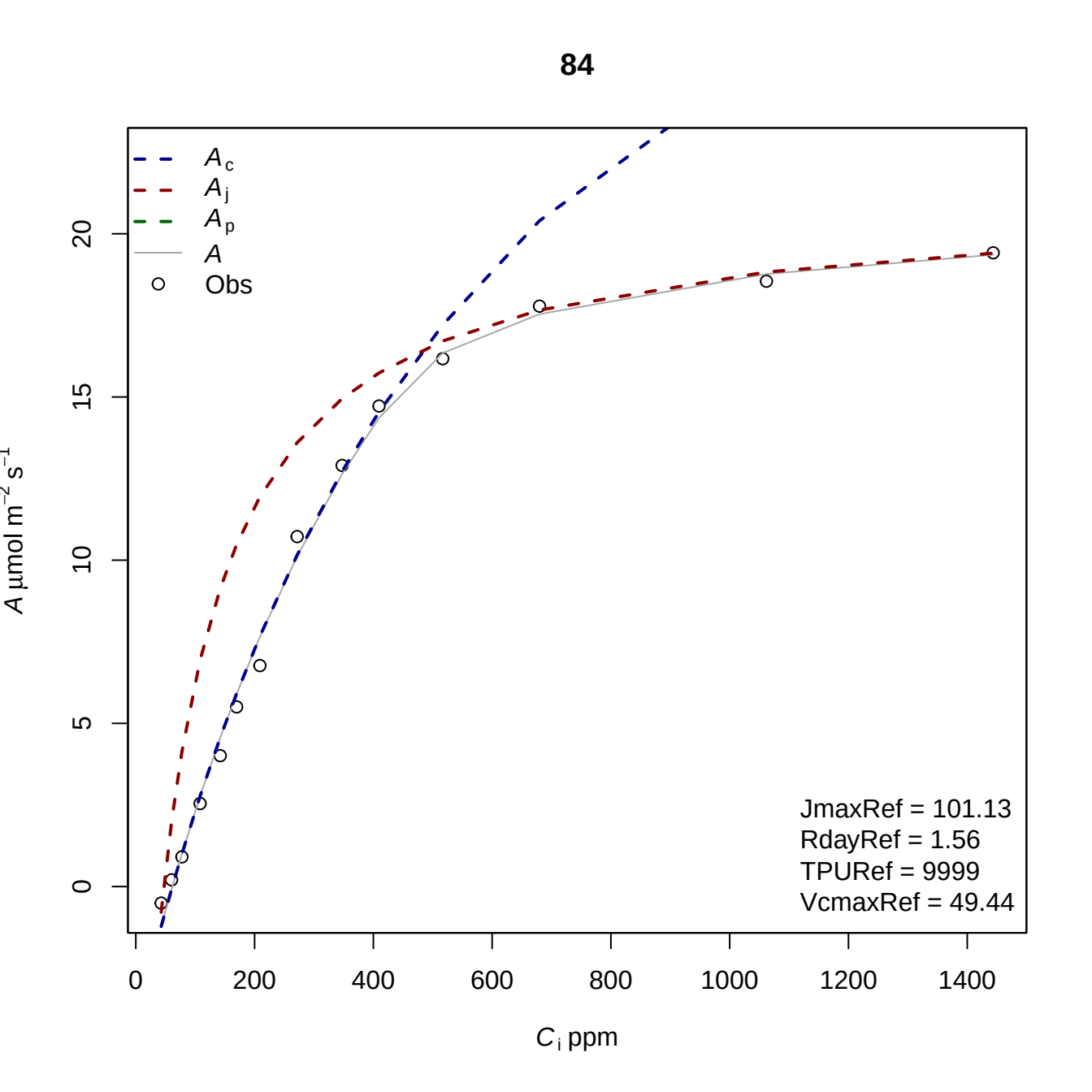

A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.27
TPURef = 10.44
VcmaxRef = 70.17
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

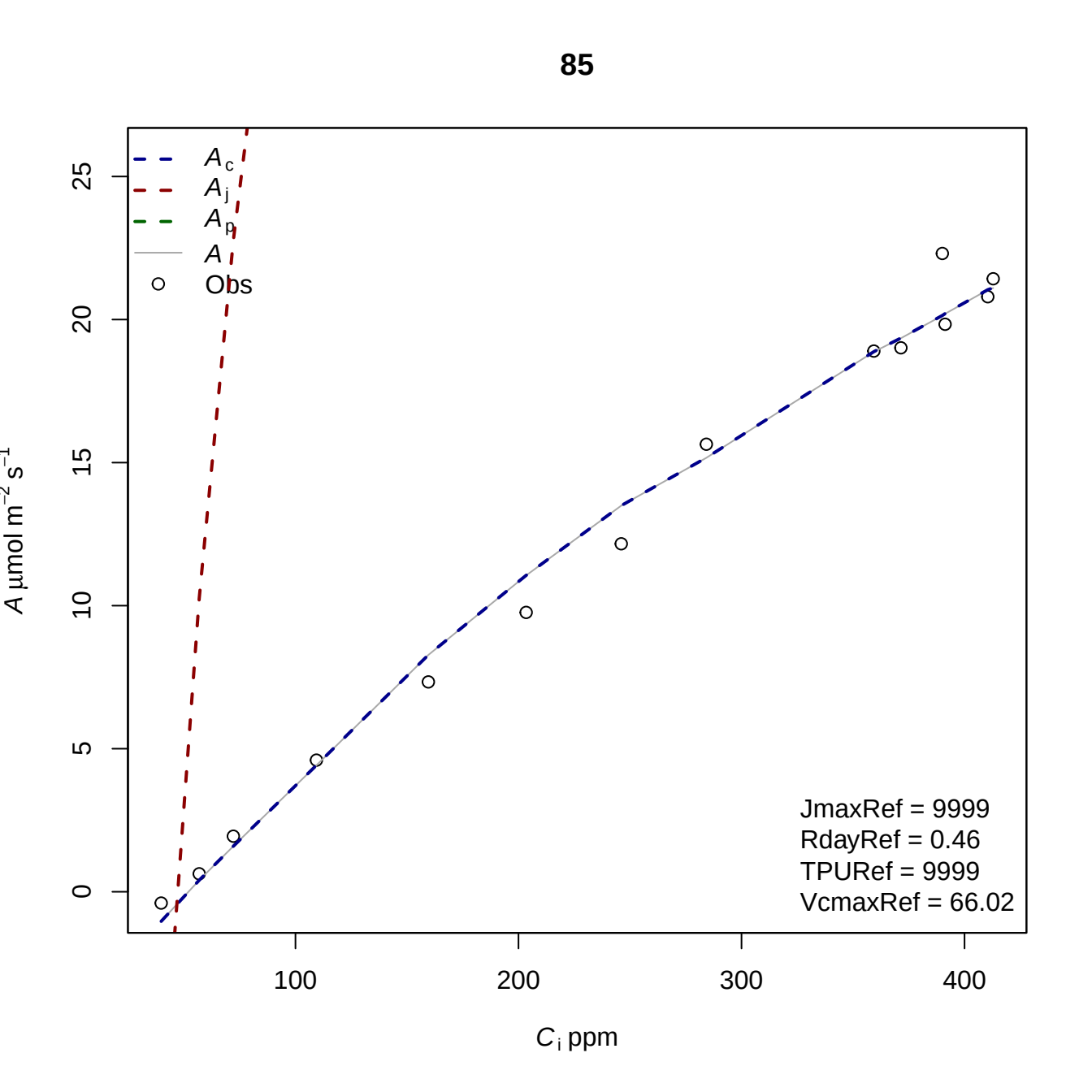

A_c
A_j
A_p
A
Obs
JmaxRef = 142.56
RdayRef = 1.65
TPURef = 9999
VcmaxRef = 64.56
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

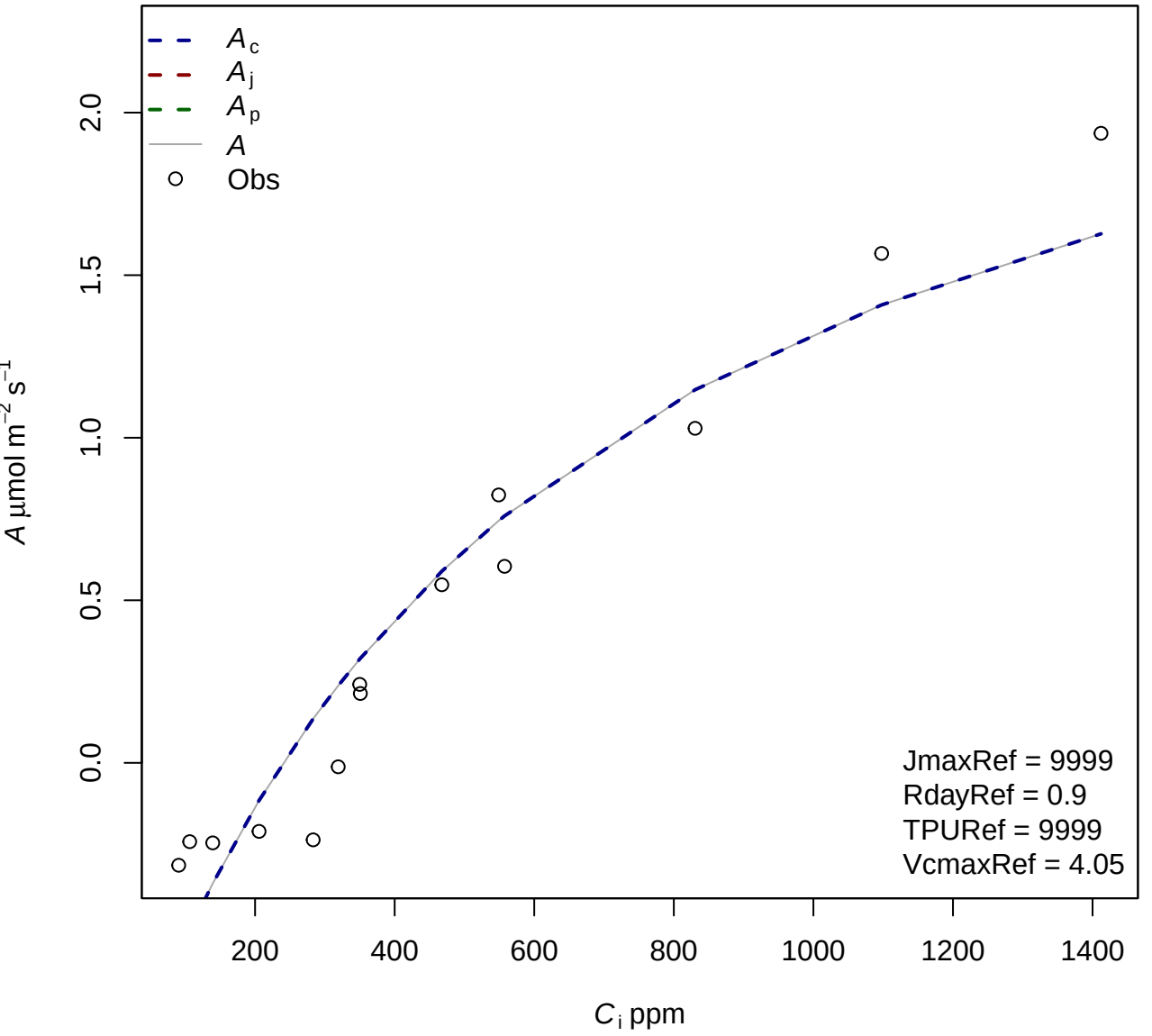

81
A_c
A_j
A_p
A
Obs
JmaxRef = 167.11
RdayRef = −1.94
TPURef = 9.94
VcmaxRef = 94.66
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
500
1000
1500

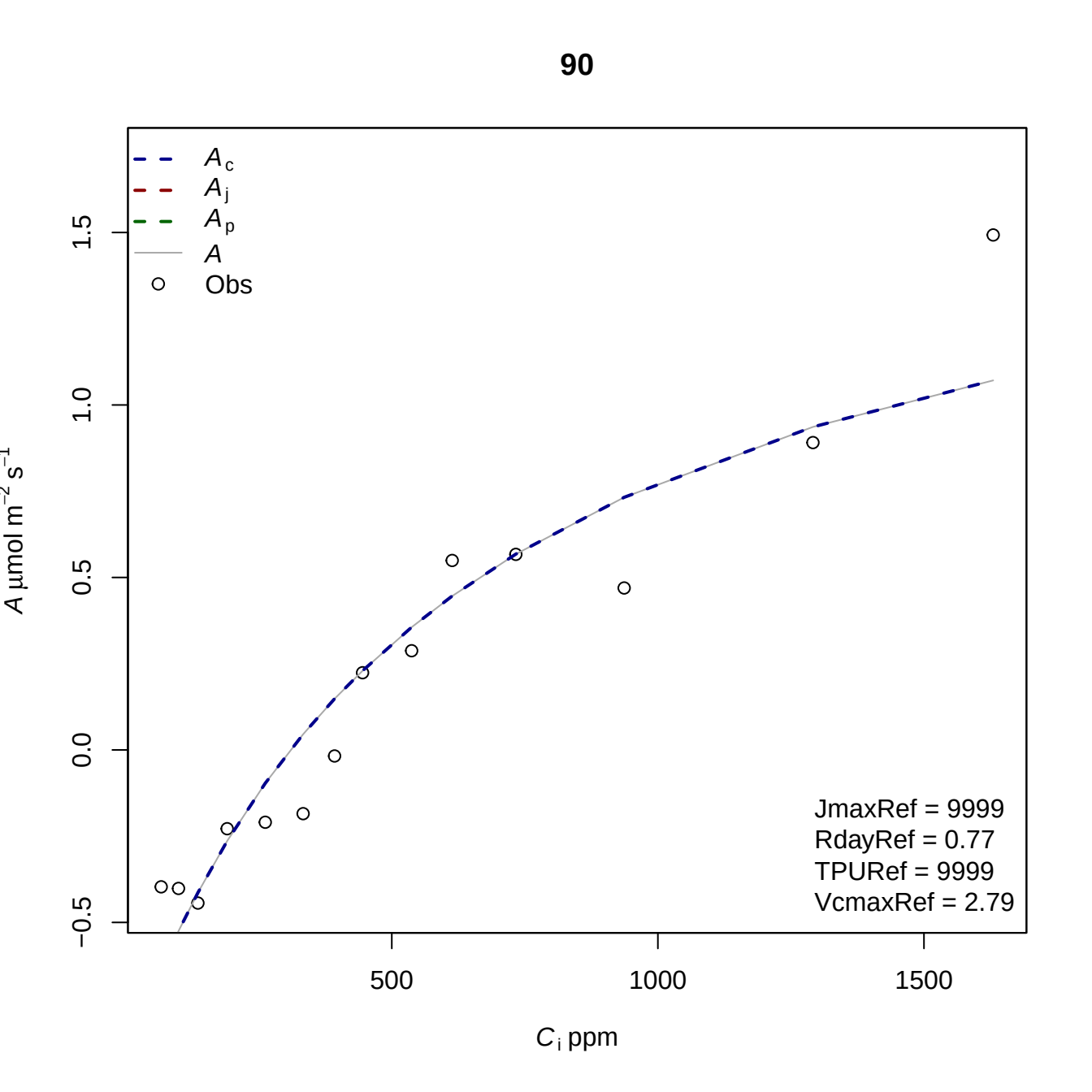

82
A_c
A_j
A_p
A
Obs
JmaxRef = 158.51
RdayRef = 0.13
TPURef = 9.64
VcmaxRef = 80.01
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

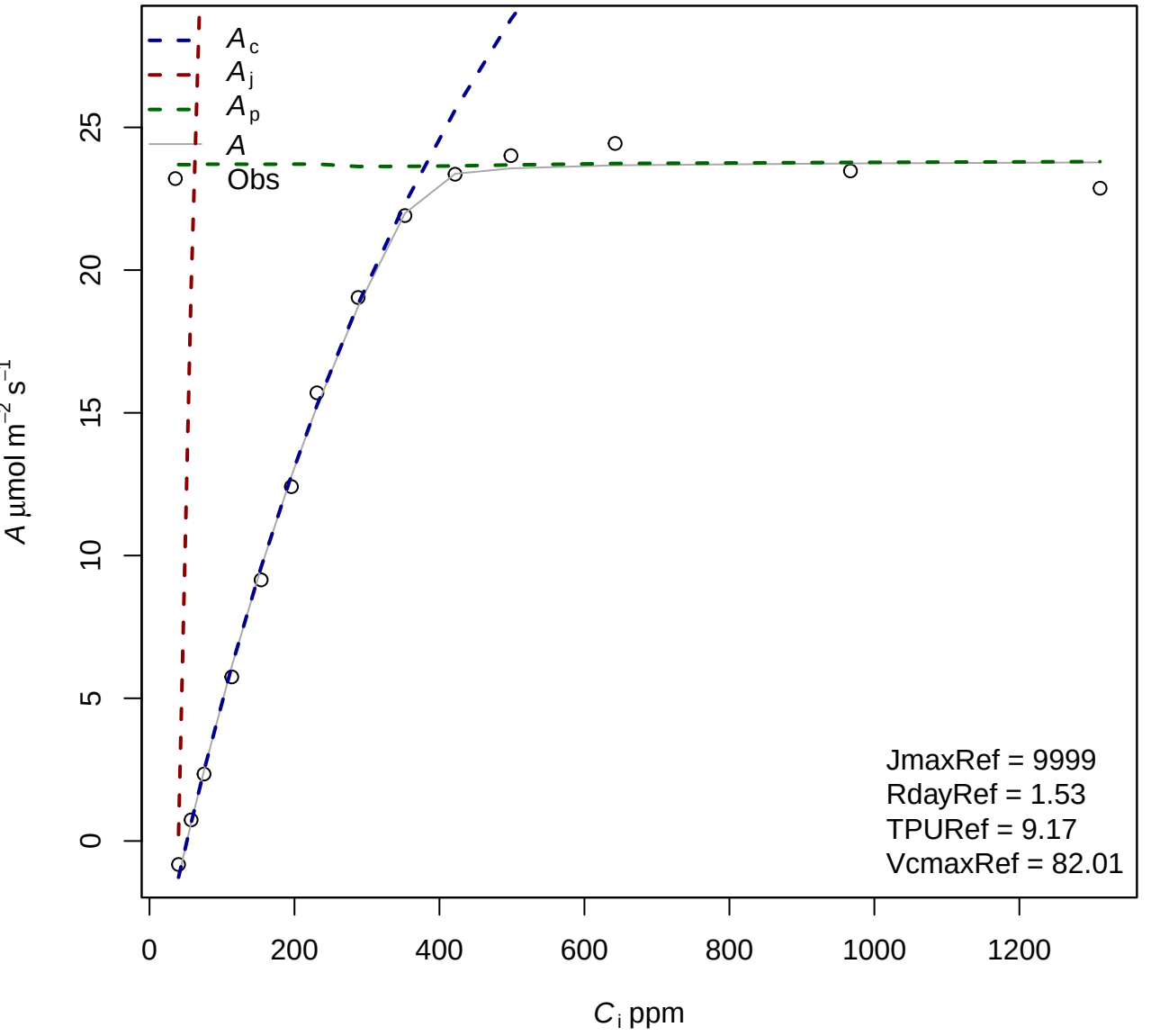

83
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.53
TPURef = 2.63
VcmaxRef = 28.9
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
0
500
1000
1500

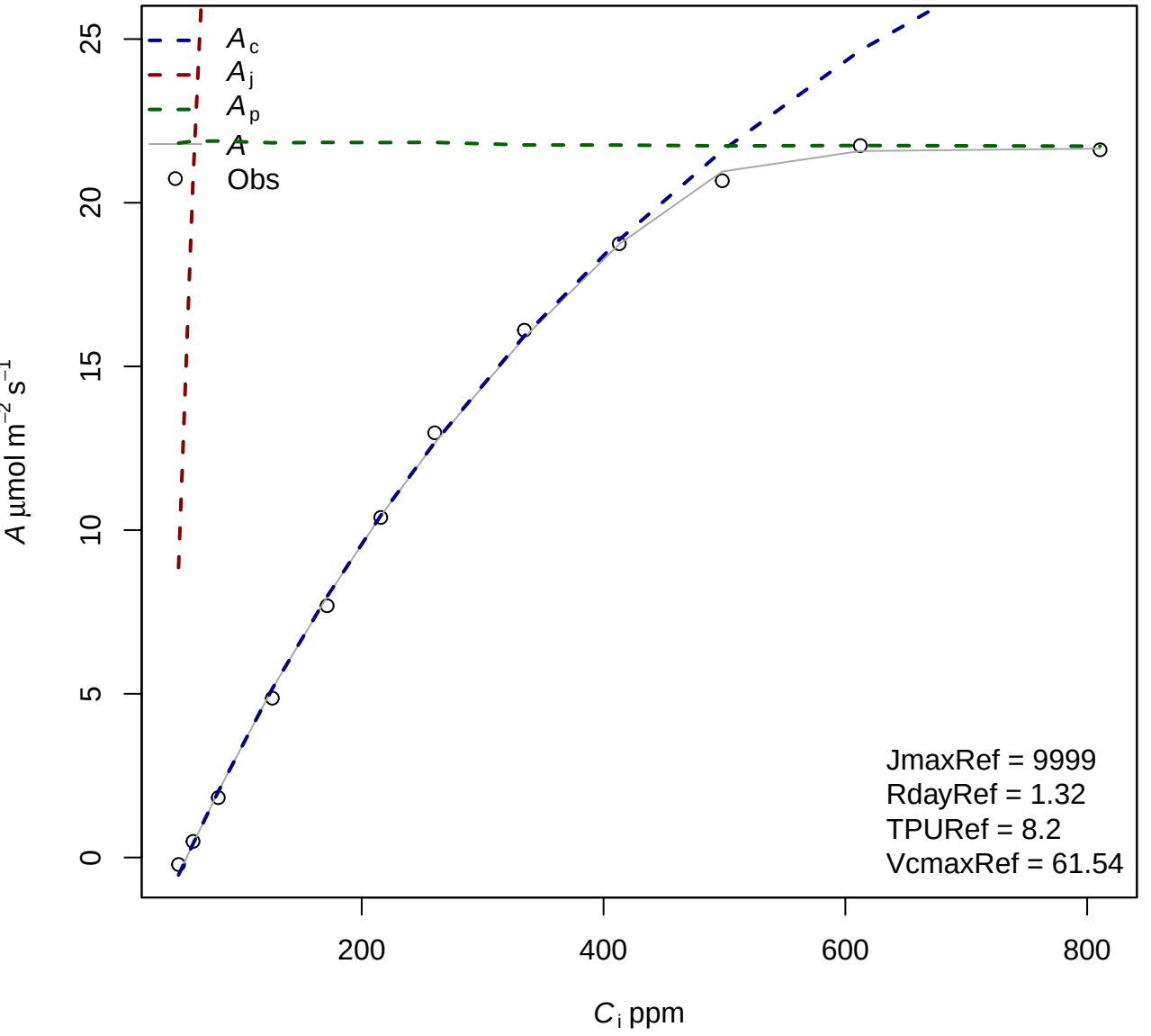

84
A_c
A_j
A_p
A
Obs
JmaxRef = 101.13
RdayRef = 1.56
TPURef = 9999
VcmaxRef = 49.44
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

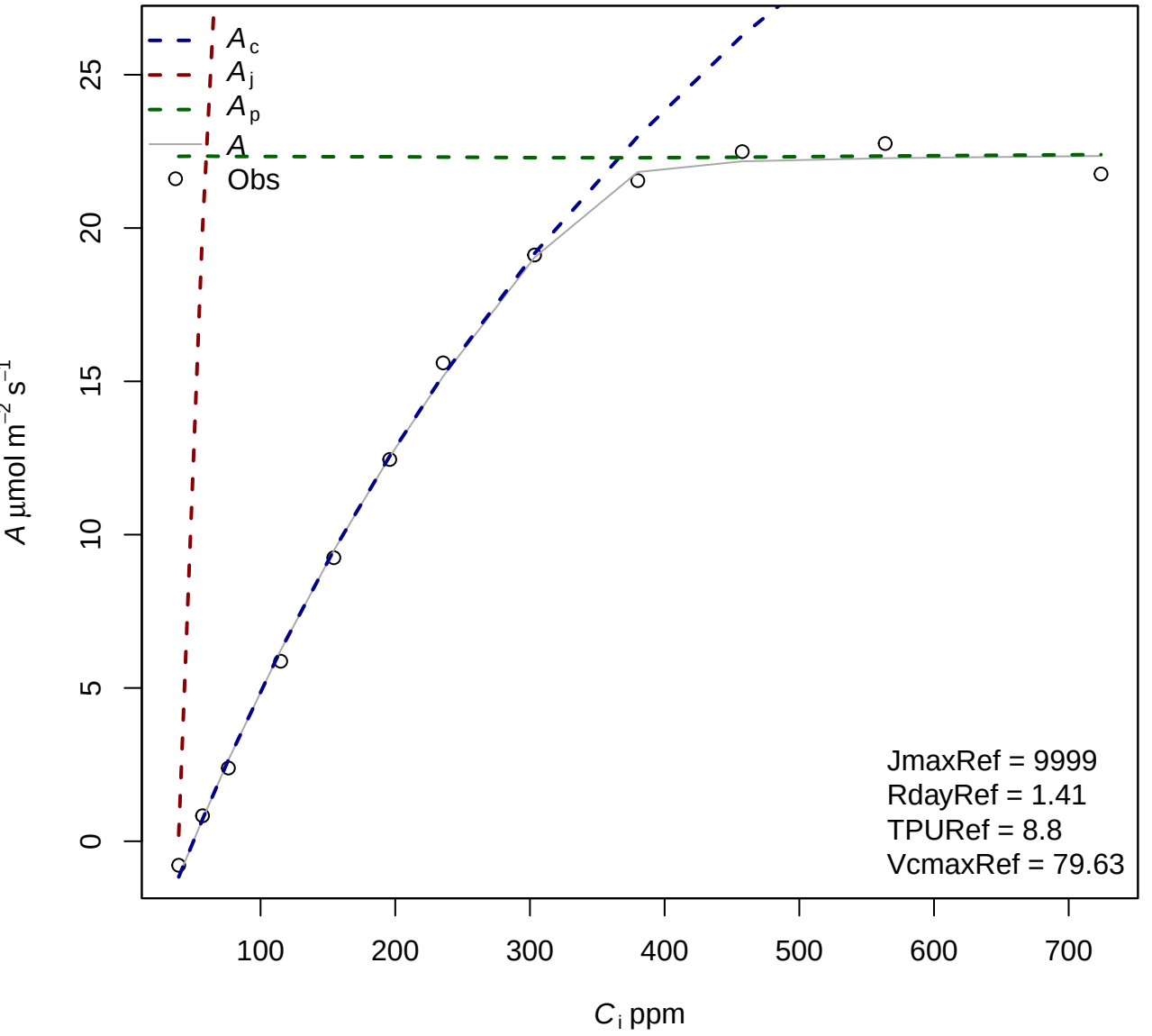

85
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.46
TPURef = 9999
VcmaxRef = 66.02
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
100
200
300
400

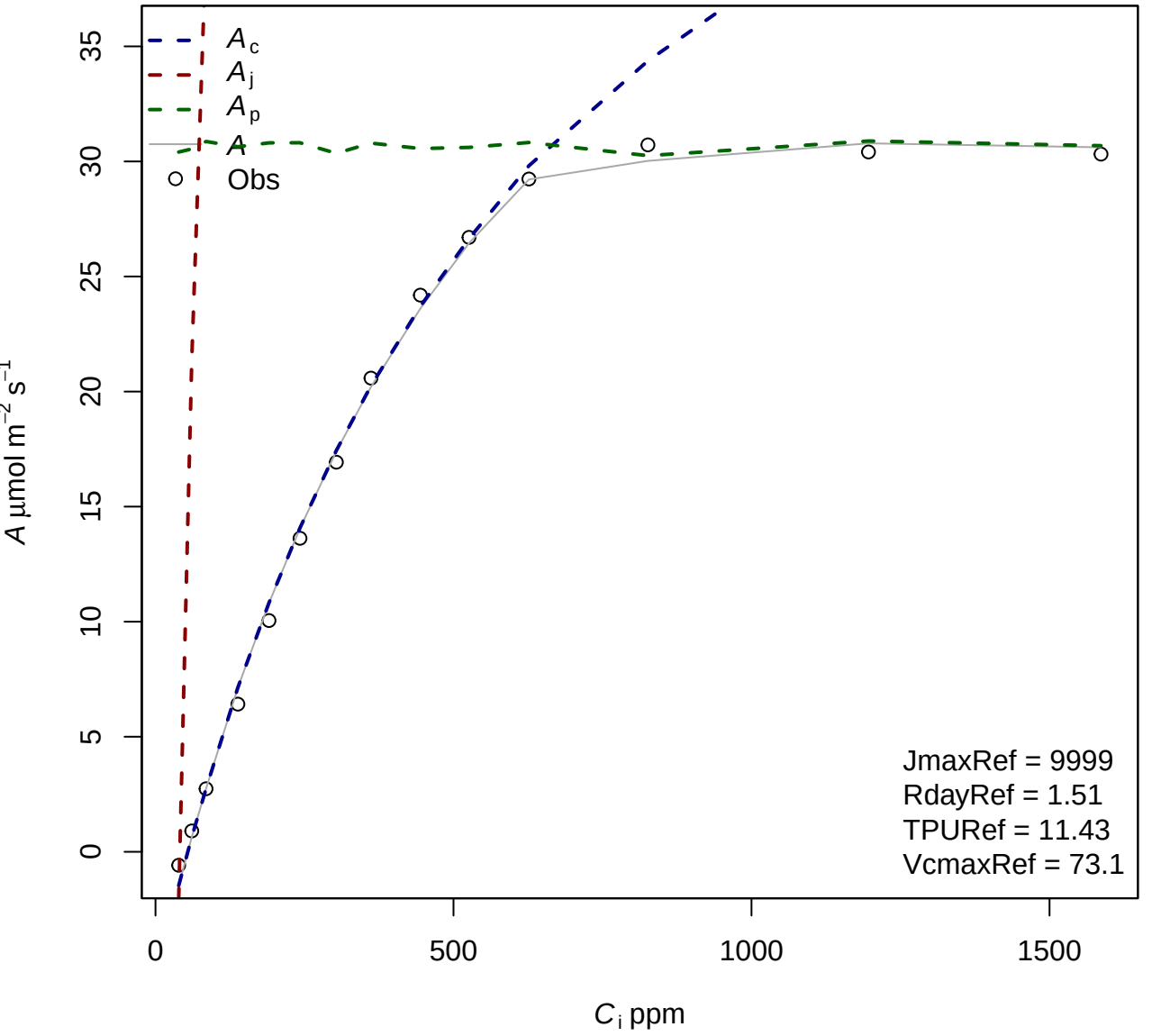

A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.9
TPURef = 9999
VcmaxRef = 4.05
A µmol m^{-2} s^{-1}
C_i ppm
0.0
0.5
1.0
1.5
2.0
200
400
600
800
1000
1200
1400

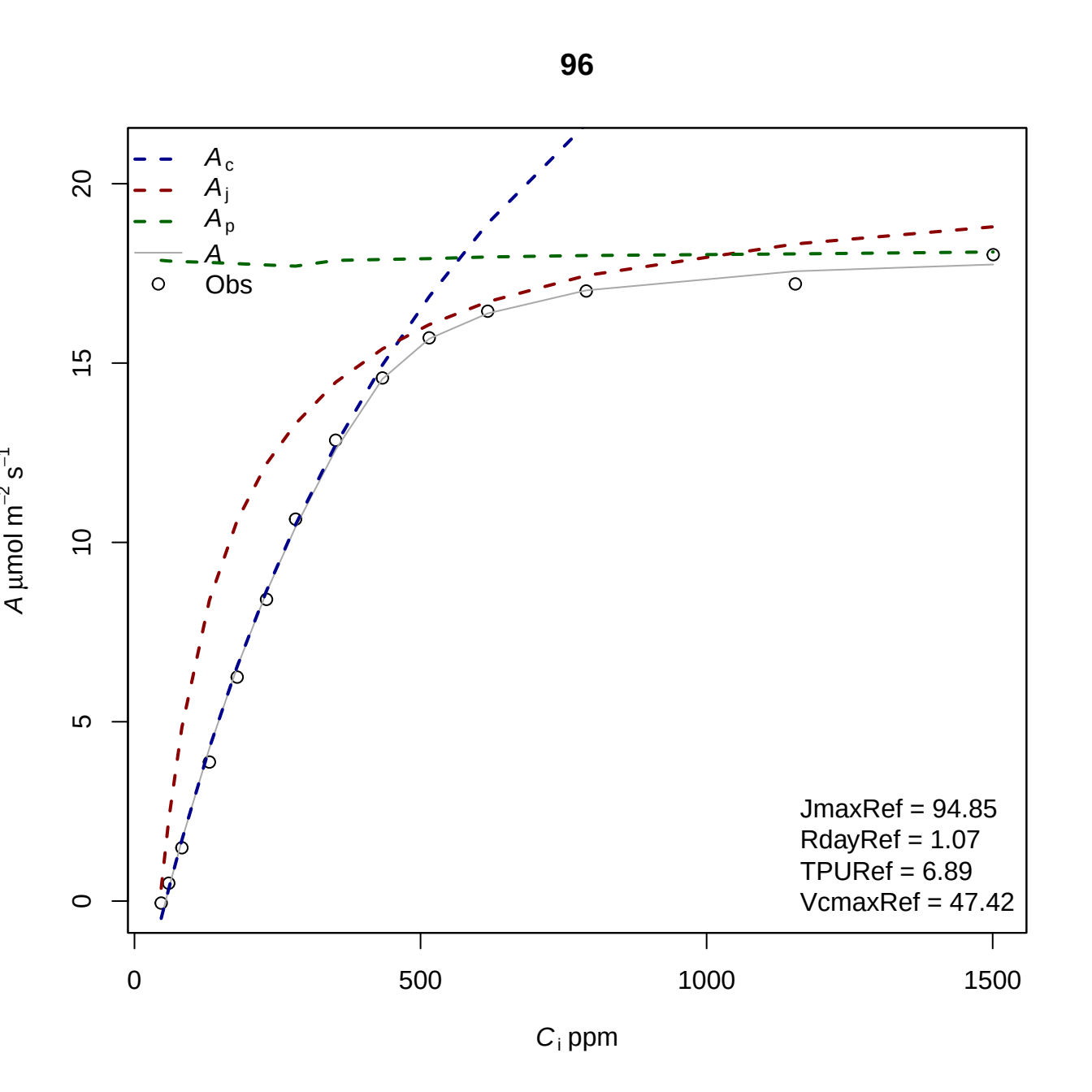

90
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.77
TPURef = 9999
VcmaxRef = 2.79
A µmol m^{-2} s^{-1}
−0.5
0.0
0.5
1.0
1.5
500
1000
1500
C_i ppm

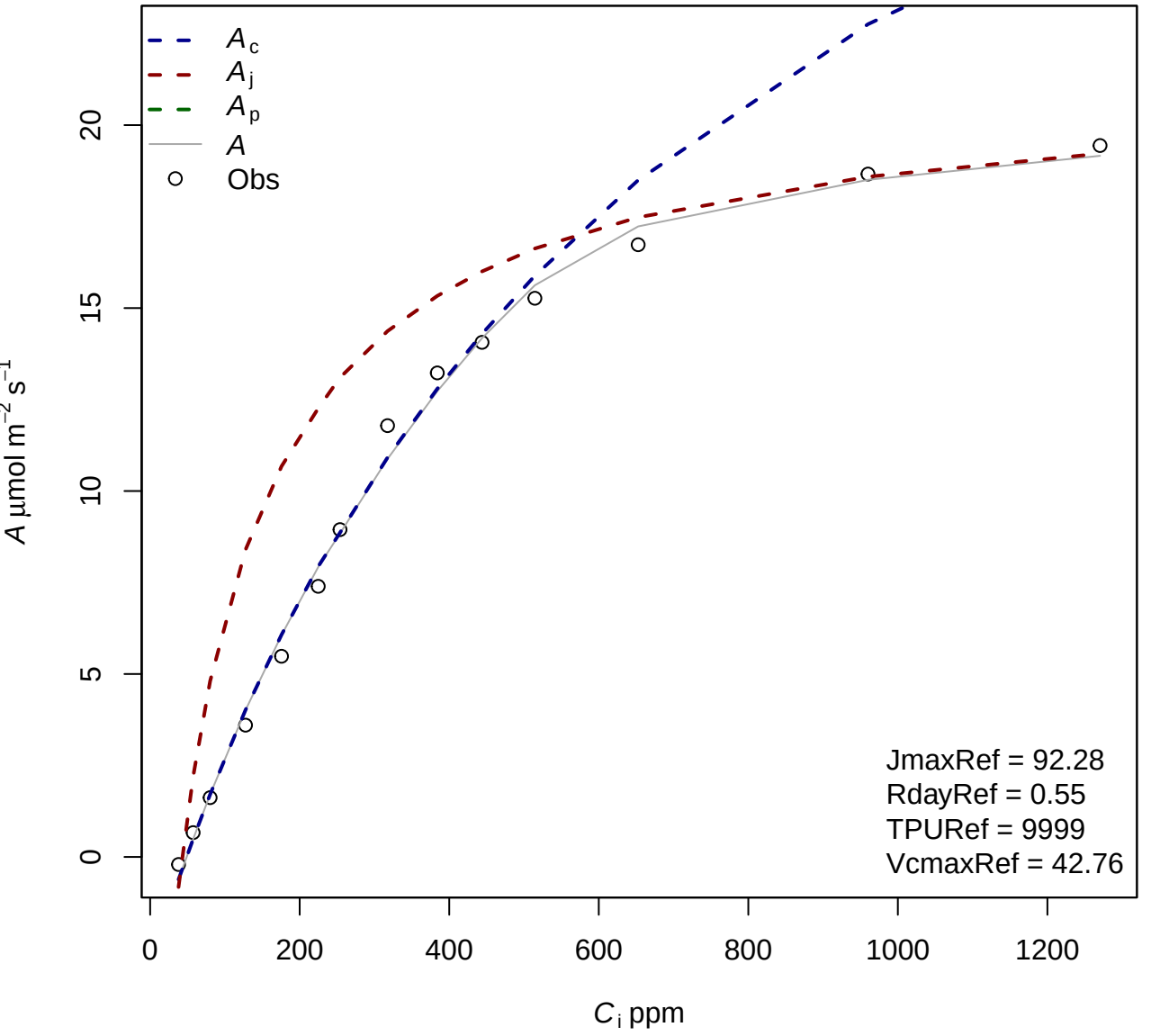

A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.53
TPURef = 9.17
VcmaxRef = 82.01
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

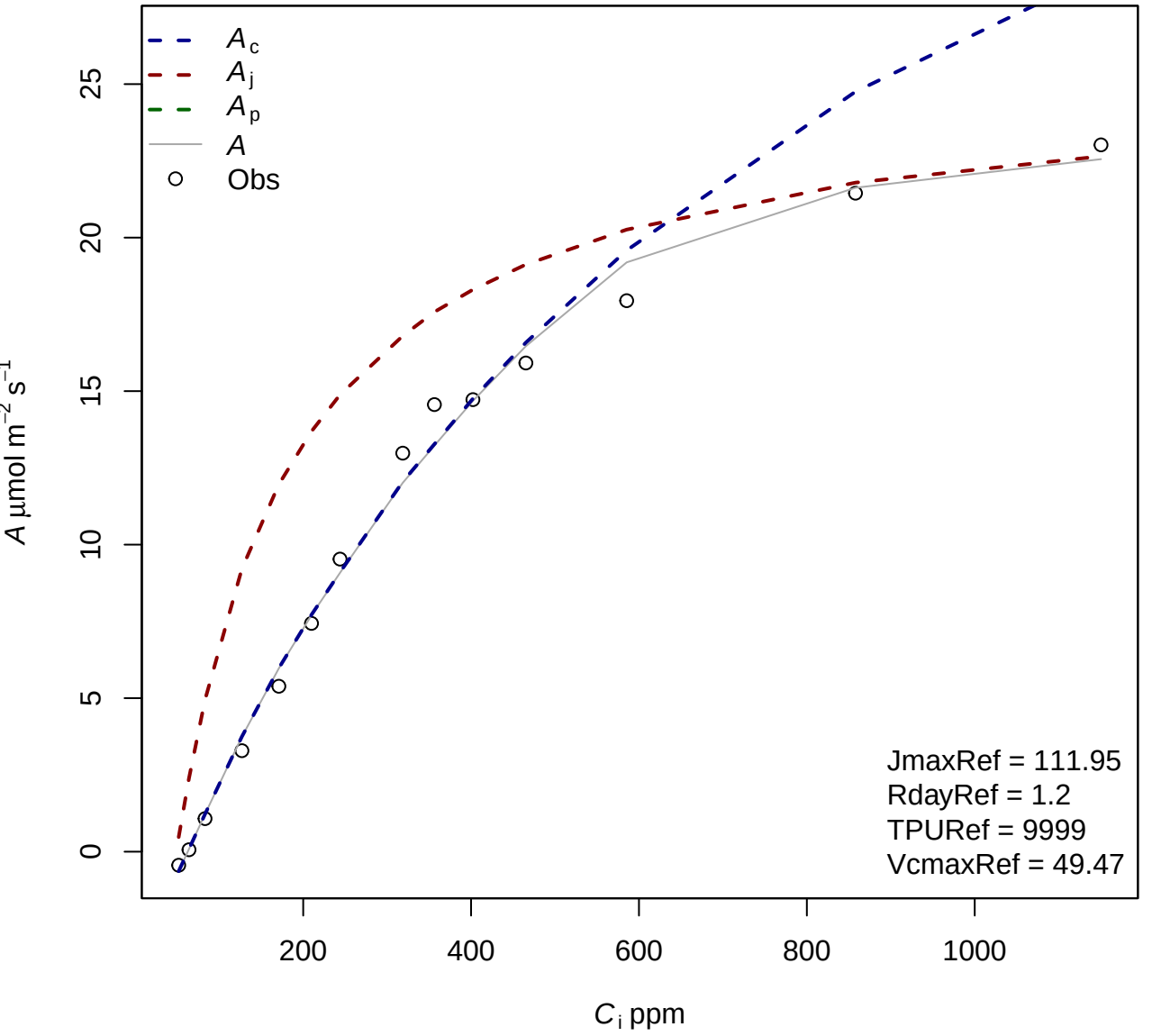

A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.32
TPURef = 8.2
VcmaxRef = 61.54
0
5
10
15
20
25
200
400
600
800
A µmol m^{-2} s^{-1}
C_i ppm

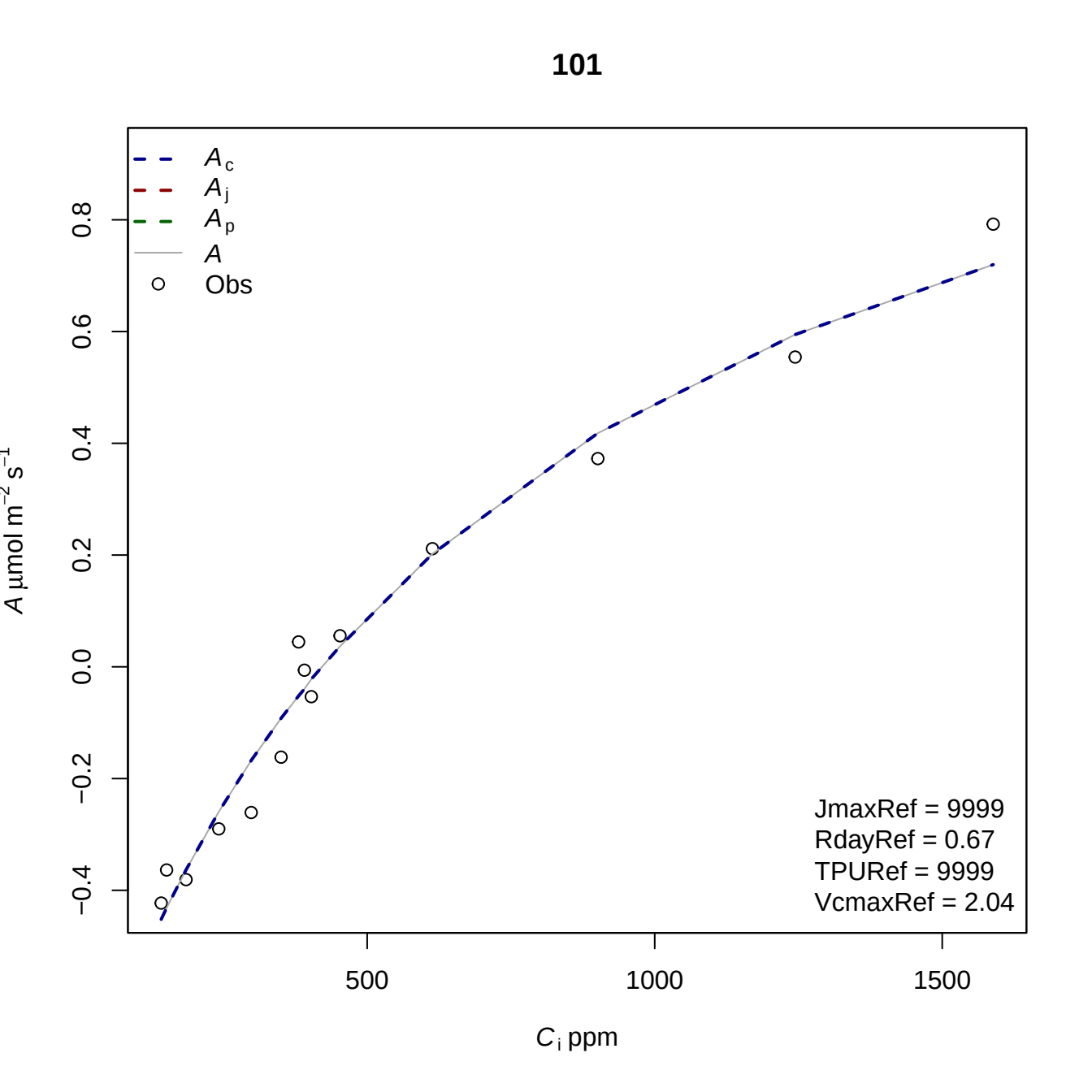

A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.41
TPURef = 8.8
VcmaxRef = 79.63
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
100
200
300
400
500
600
700

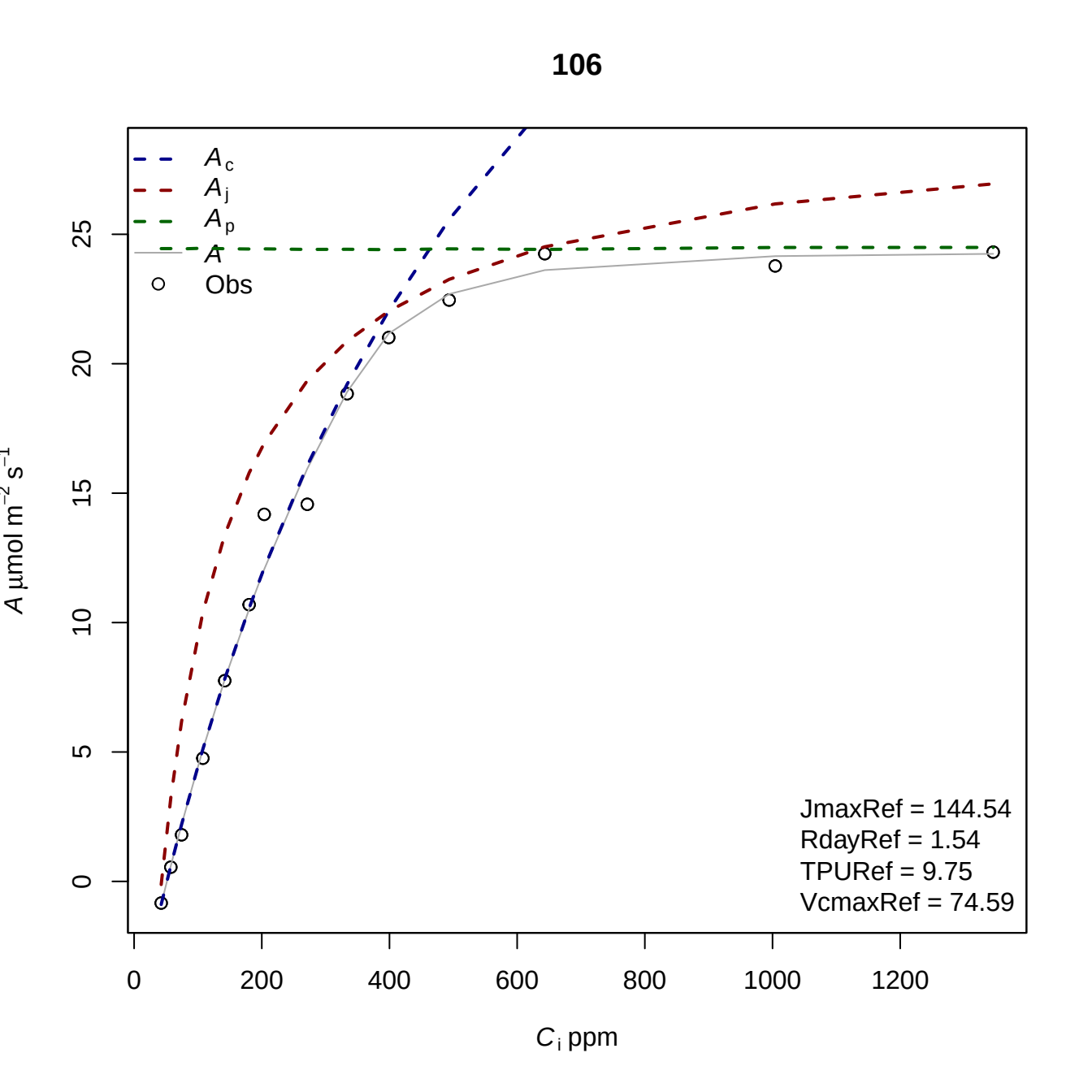

A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.51
TPURef = 11.43
VcmaxRef = 73.1
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
500
1000
1500

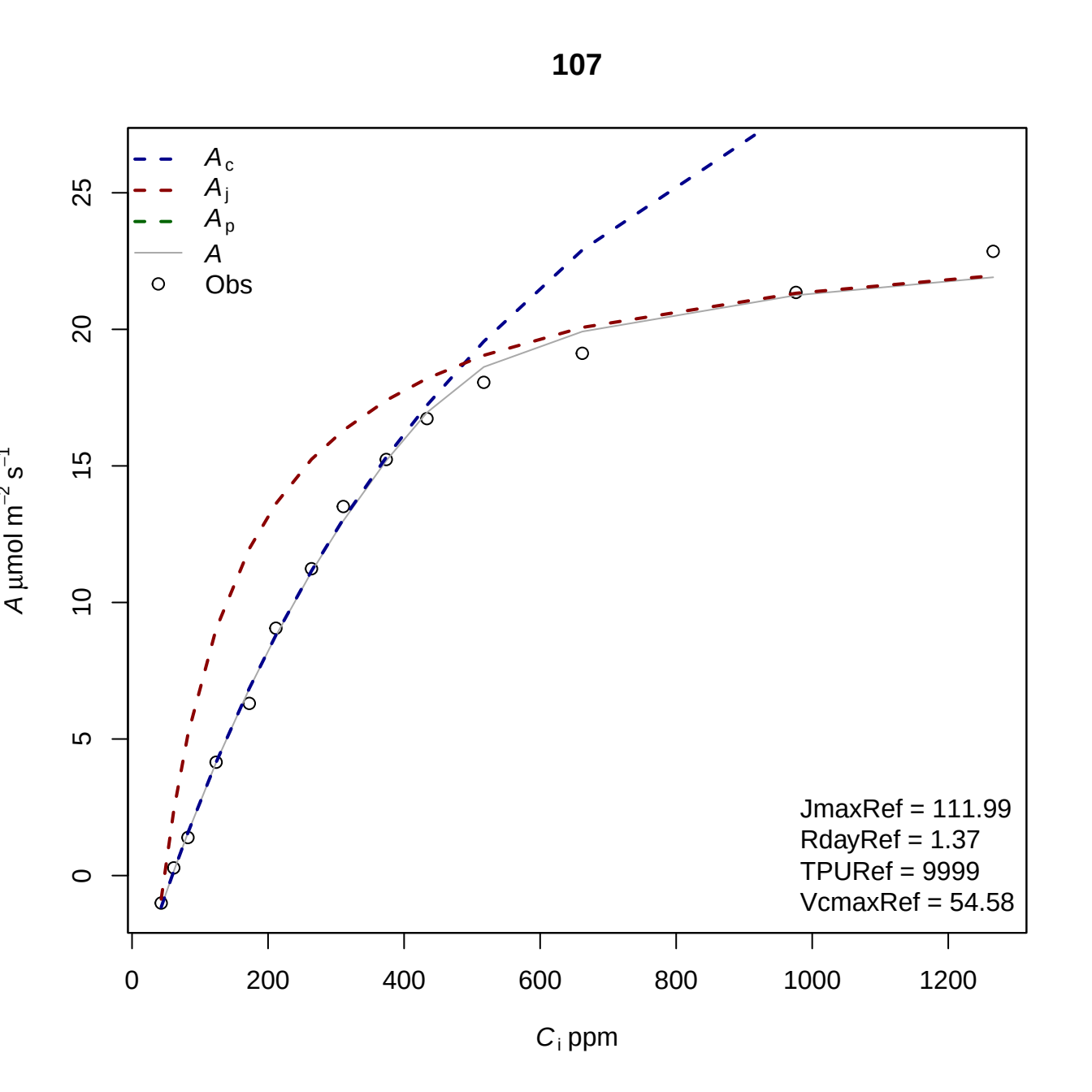

96
A_c
A_j
A_p
A
Obs
JmaxRef = 94.85
RdayRef = 1.07
TPURef = 6.89
VcmaxRef = 47.42
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

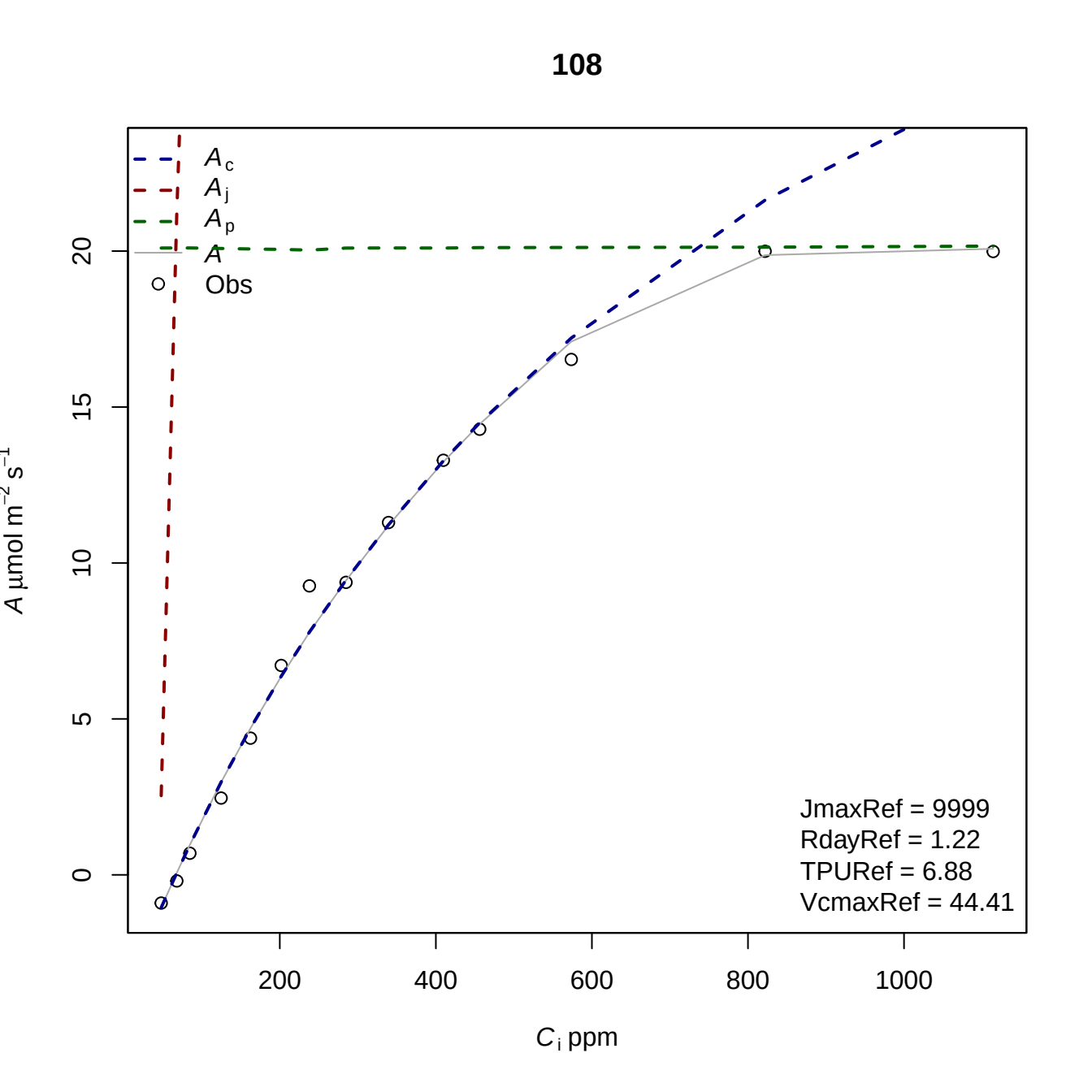

A_c
A_j
A_p
A
Obs
JmaxRef = 92.28
RdayRef = 0.55
TPURef = 9999
VcmaxRef = 42.76
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

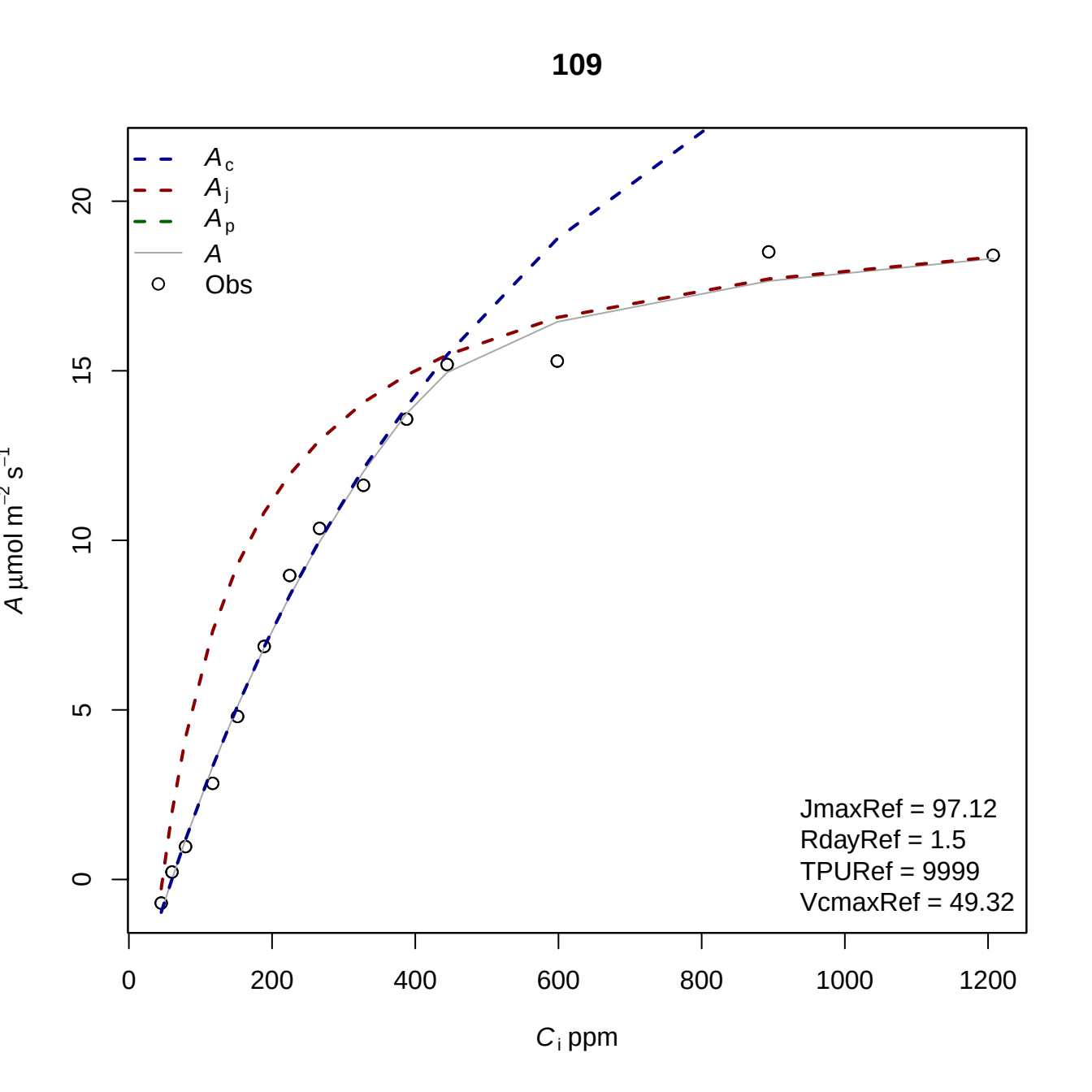

A_c
A_j
A_p
A
Obs
JmaxRef = 111.95
RdayRef = 1.2
TPURef = 9999
VcmaxRef = 49.47
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000

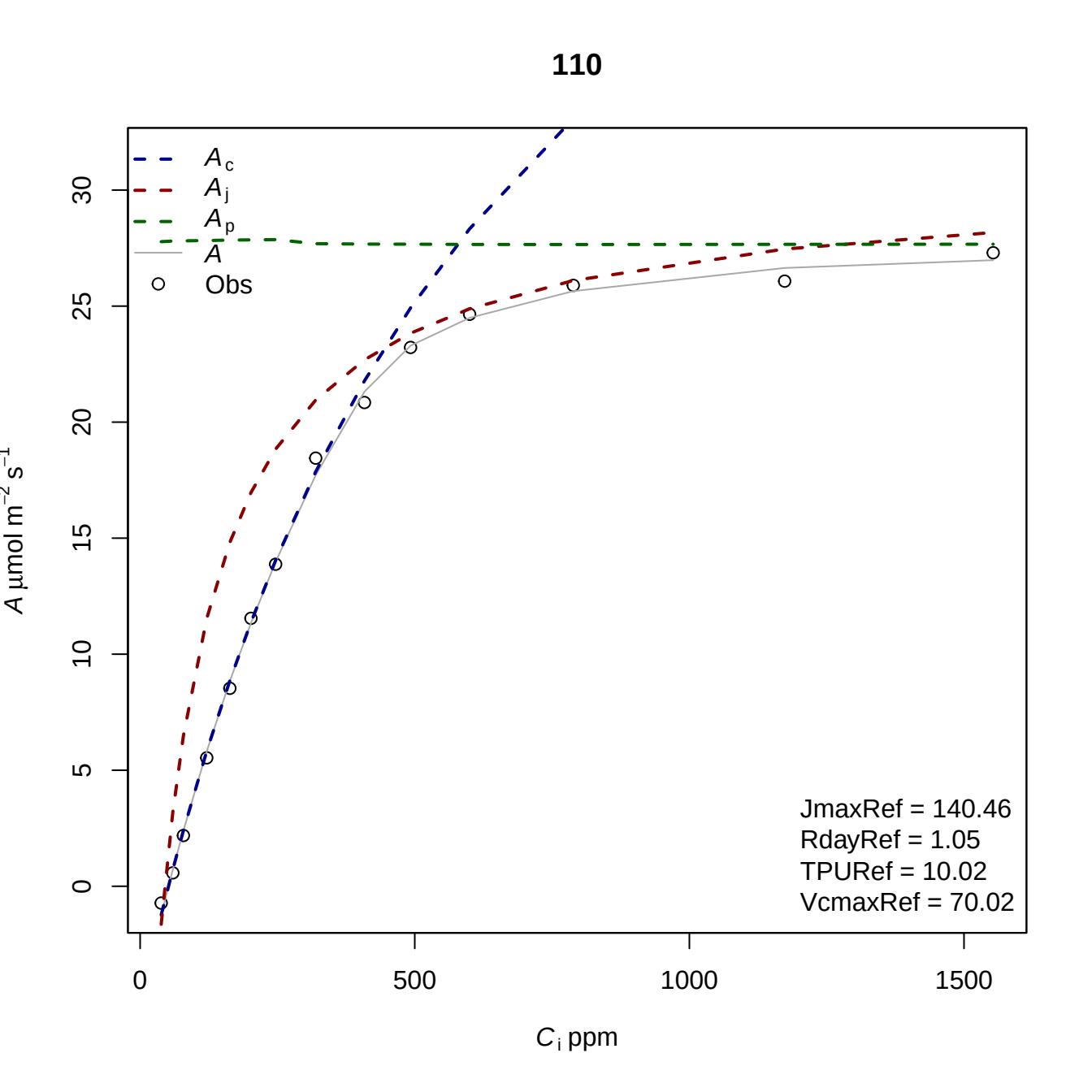

101
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.67
TPURef = 9999
VcmaxRef = 2.04
A µmol m^{-2} s^{-1}
−0.4
−0.2
0.0
0.2
0.4
0.6
0.8
500
1000
1500
C_i ppm

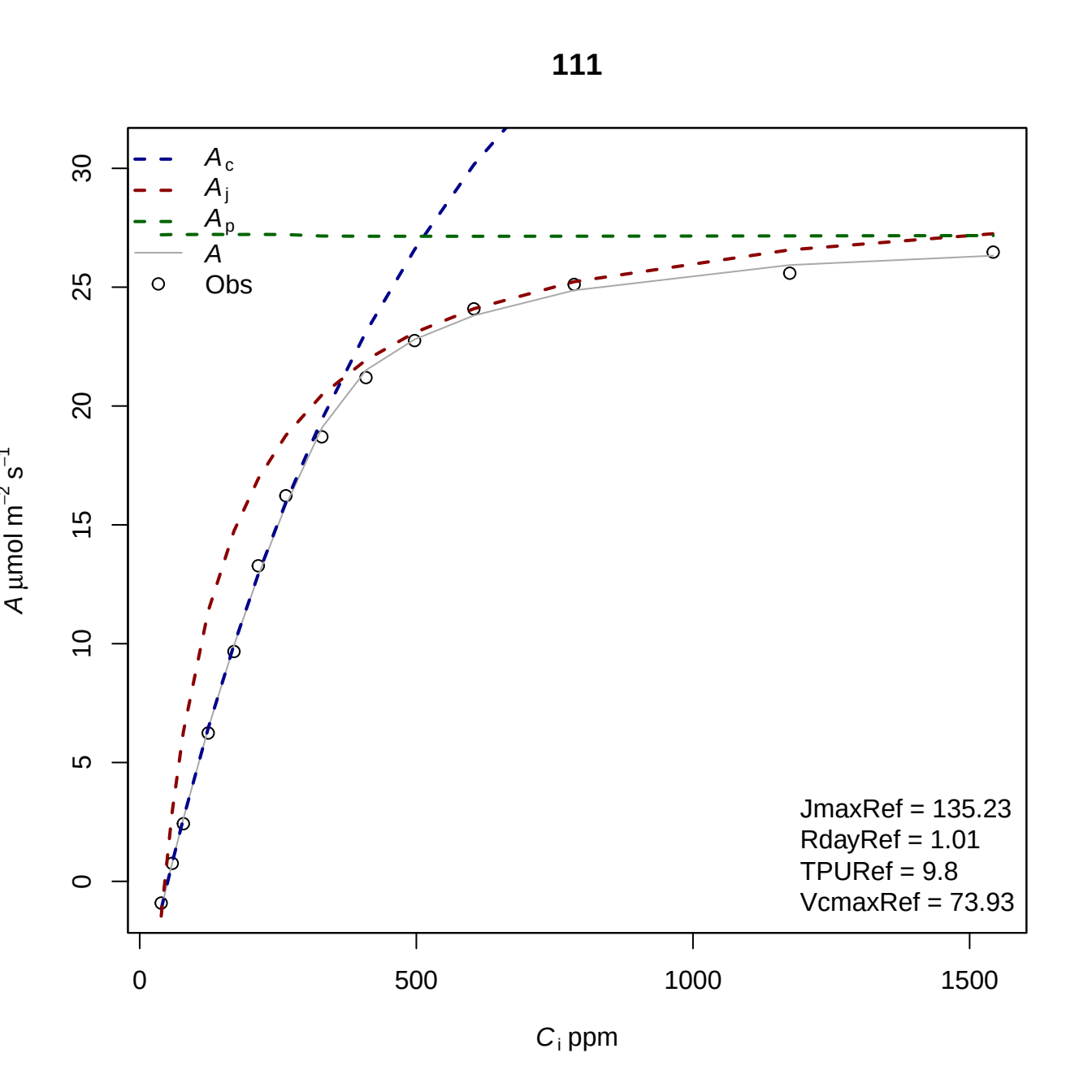

106
A_c
A_j
A_p
A
Obs
JmaxRef = 144.54
RdayRef = 1.54
TPURef = 9.75
VcmaxRef = 74.59
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

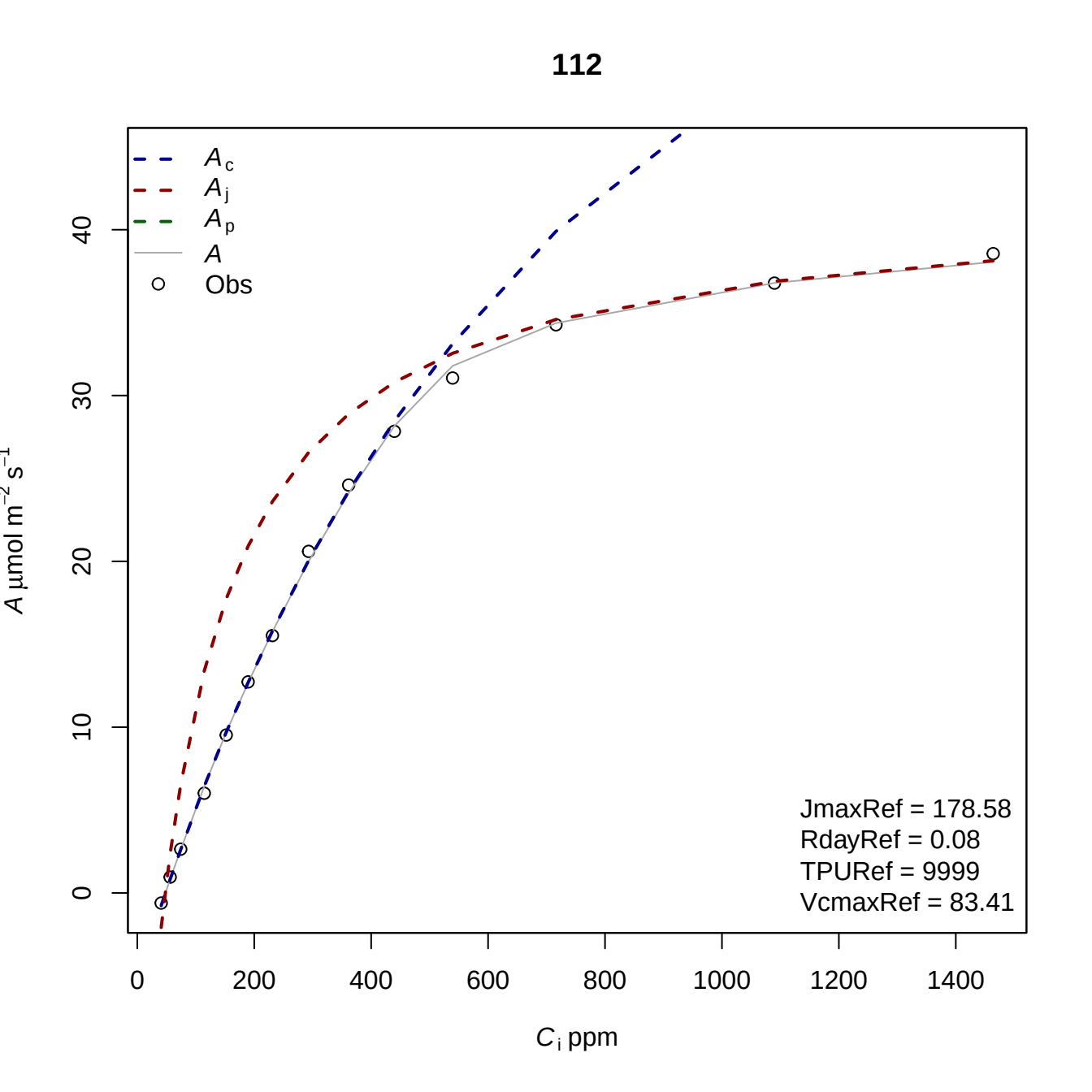

107
A_c
A_j
A_p
A
Obs
JmaxRef = 111.99
RdayRef = 1.37
TPURef = 9999
VcmaxRef = 54.58
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

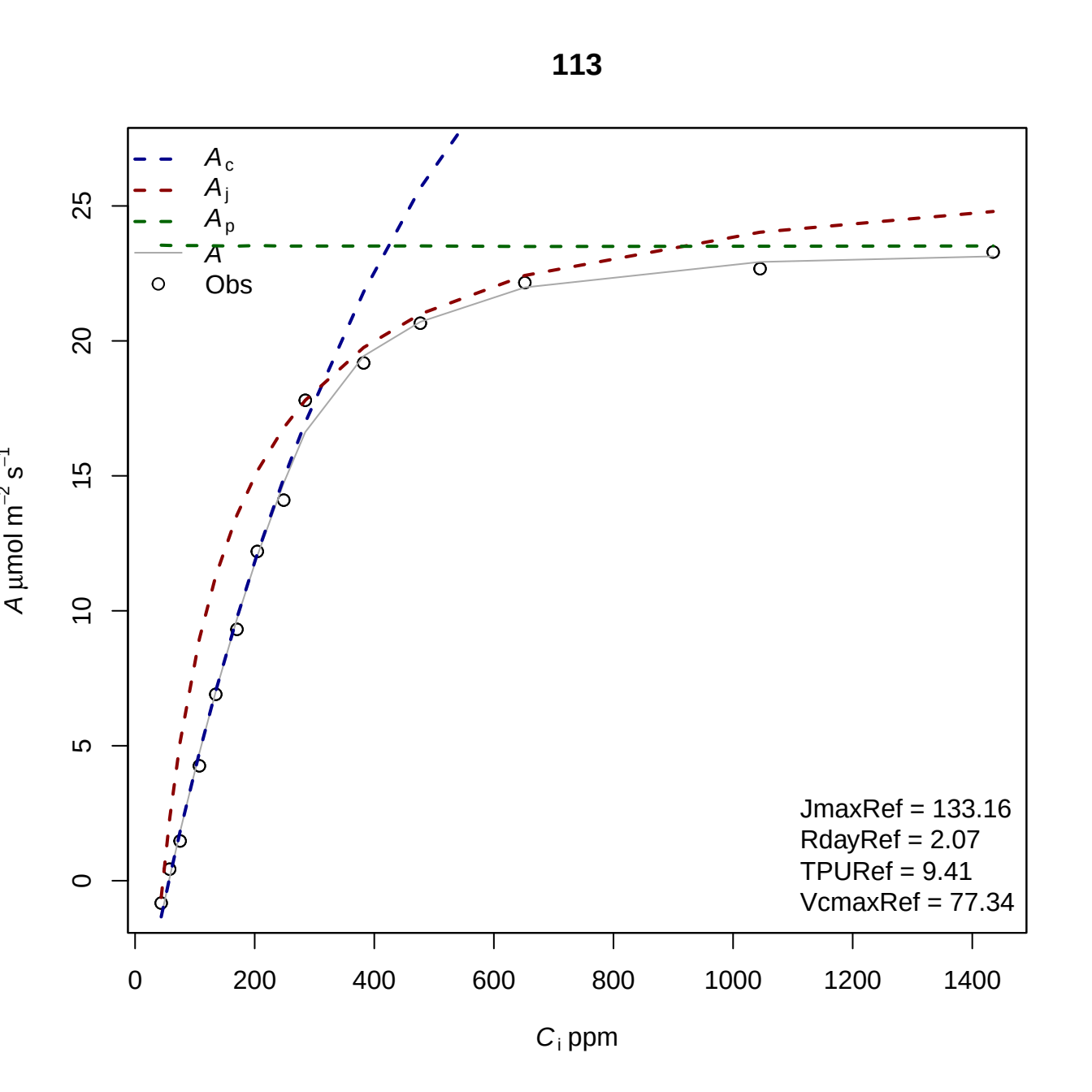

108
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.22
TPURef = 6.88
VcmaxRef = 44.41
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

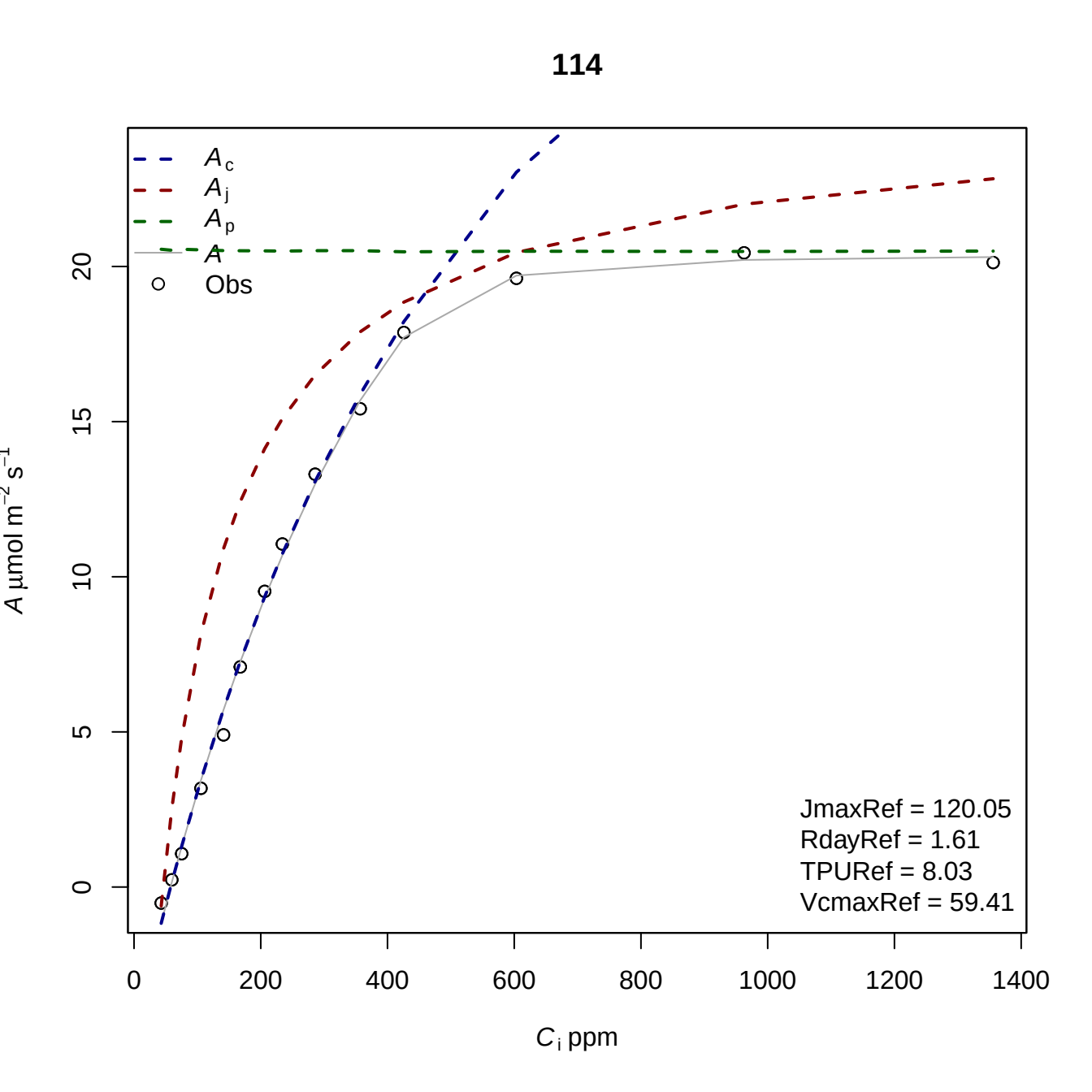

109
A_c
A_j
A_p
A
Obs
JmaxRef = 97.12
RdayRef = 1.5
TPURef = 9999
VcmaxRef = 49.32
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

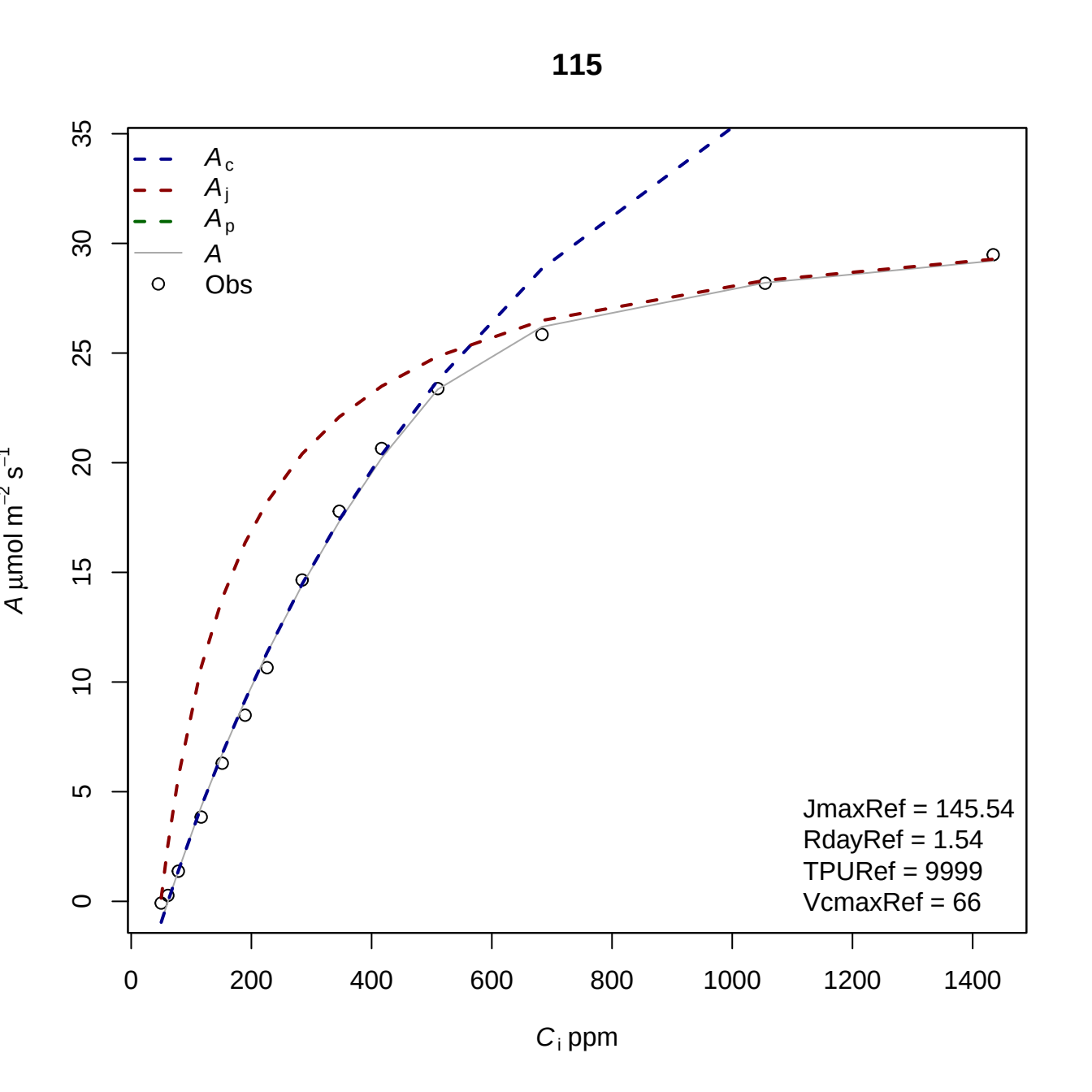

110
A_c
A_j
A_p
A
Obs
JmaxRef = 140.46
RdayRef = 1.05
TPURef = 10.02
VcmaxRef = 70.02
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

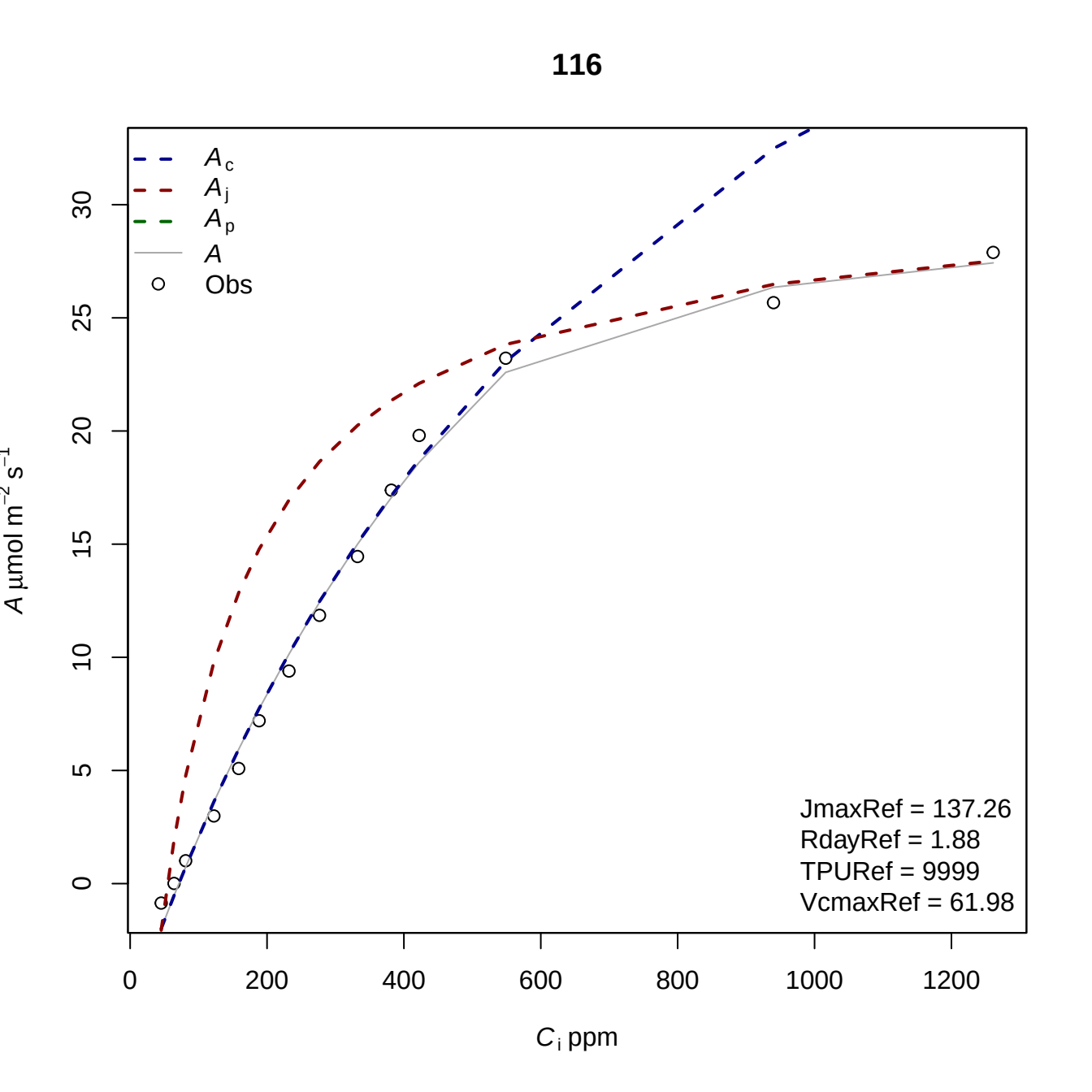

111
A_c
A_j
A_p
A
Obs
JmaxRef = 135.23
RdayRef = 1.01
TPURef = 9.8
VcmaxRef = 73.93
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

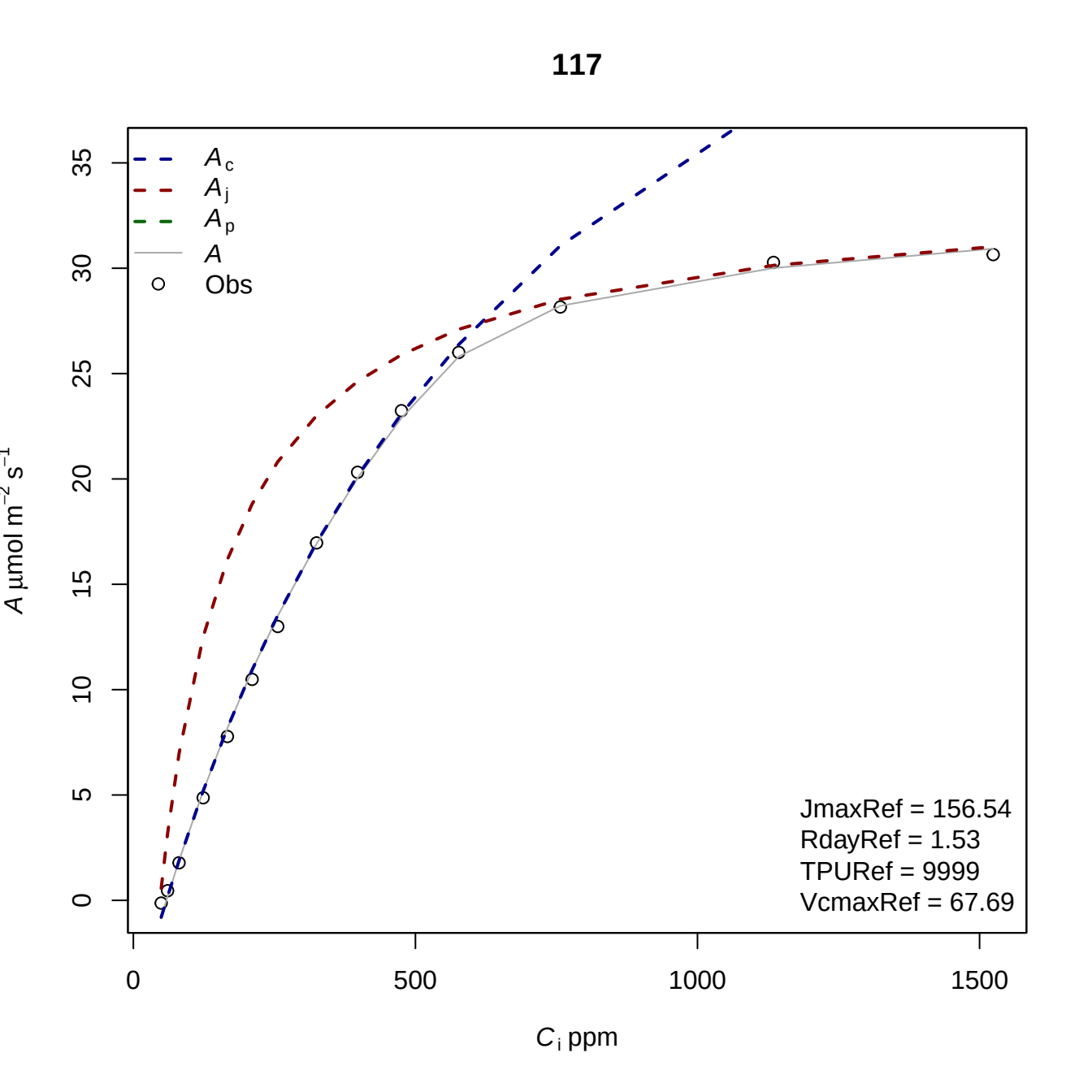

112
A_c
A_j
A_p
A
Obs
JmaxRef = 178.58
RdayRef = 0.08
TPURef = 9999
VcmaxRef = 83.41
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000
1200
1400

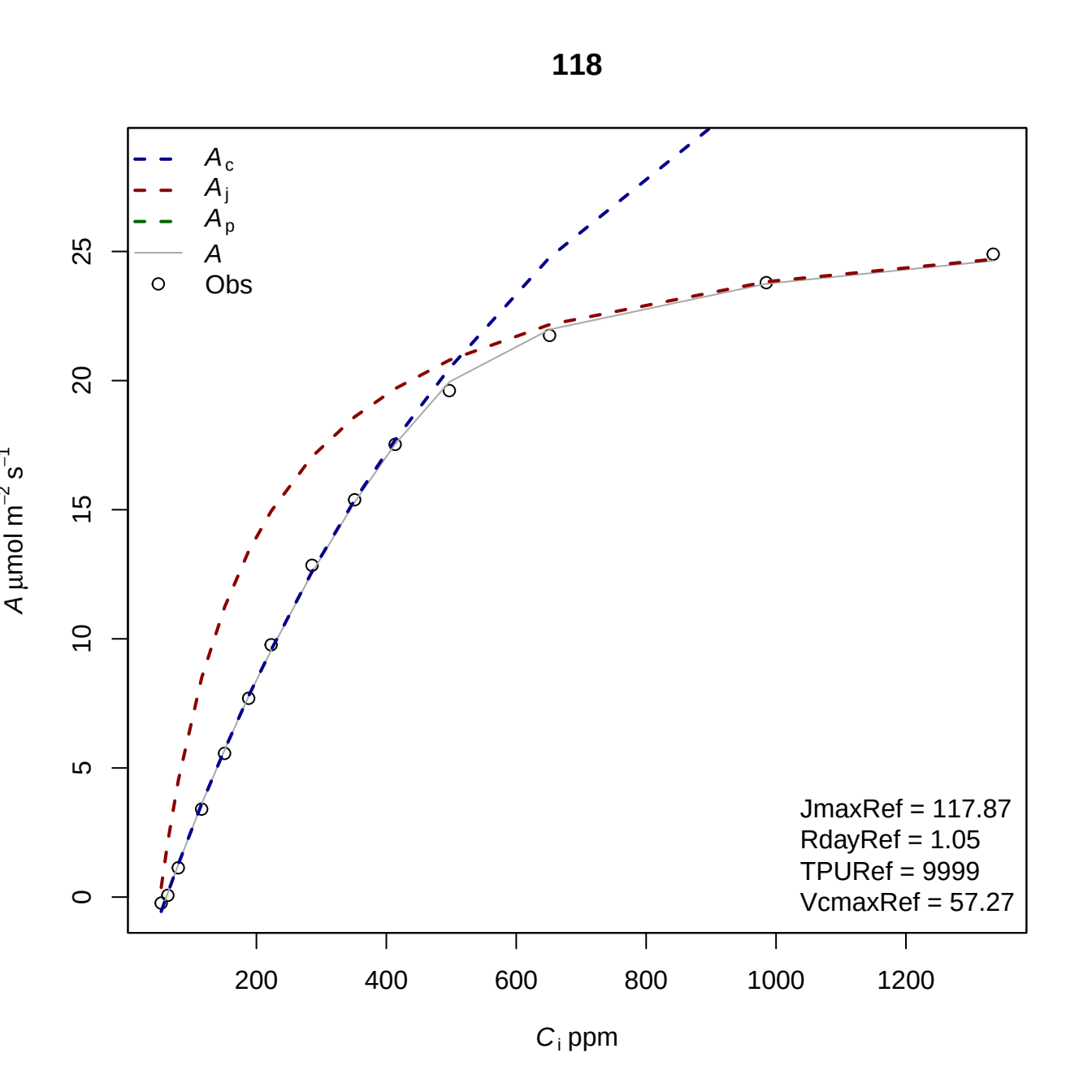

113
A_c
A_j
A_p
A
Obs
JmaxRef = 133.16
RdayRef = 2.07
TPURef = 9.41
VcmaxRef = 77.34
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

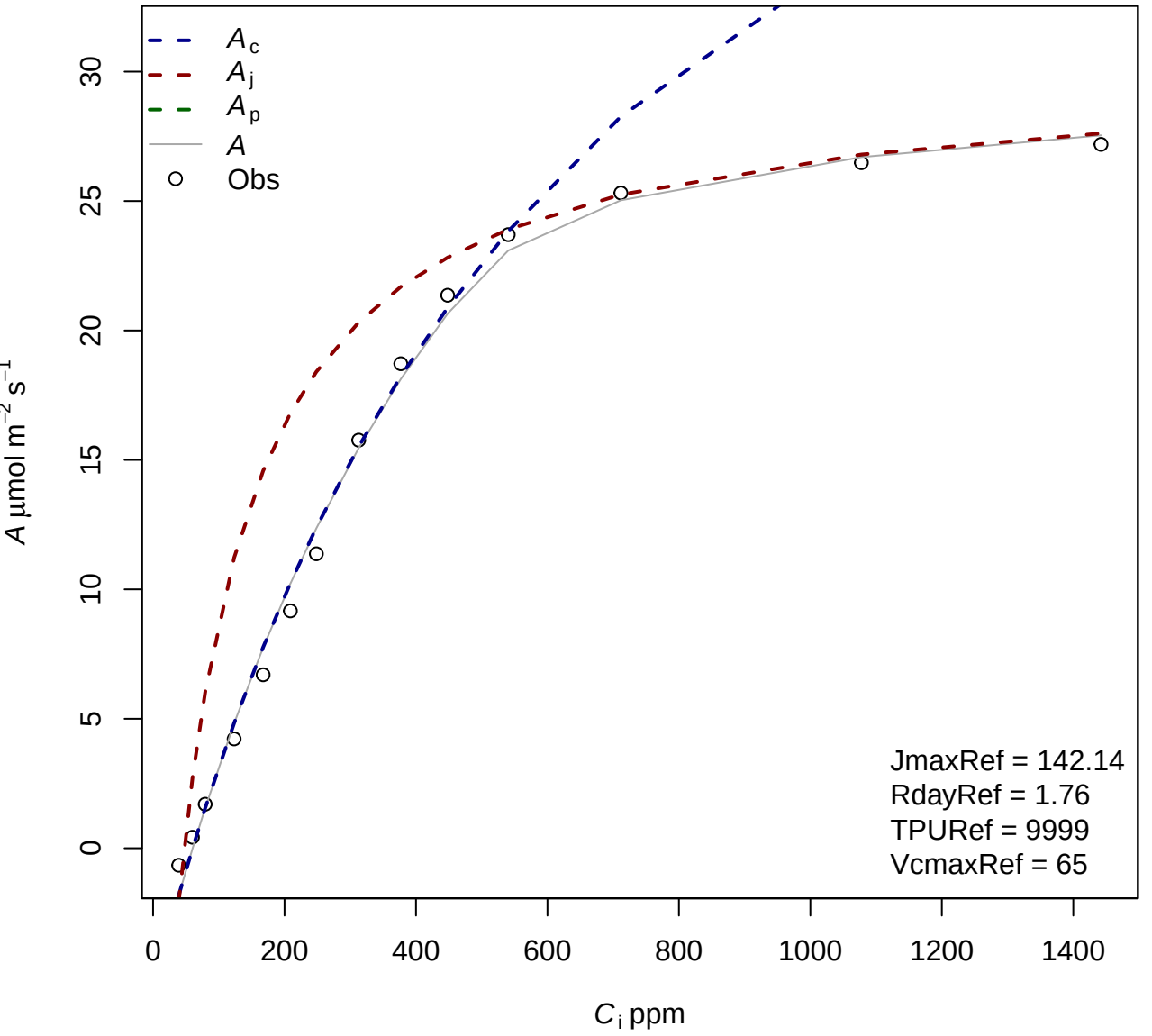

114
A_c
A_j
A_p
A
Obs
JmaxRef = 120.05
RdayRef = 1.61
TPURef = 8.03
VcmaxRef = 59.41
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

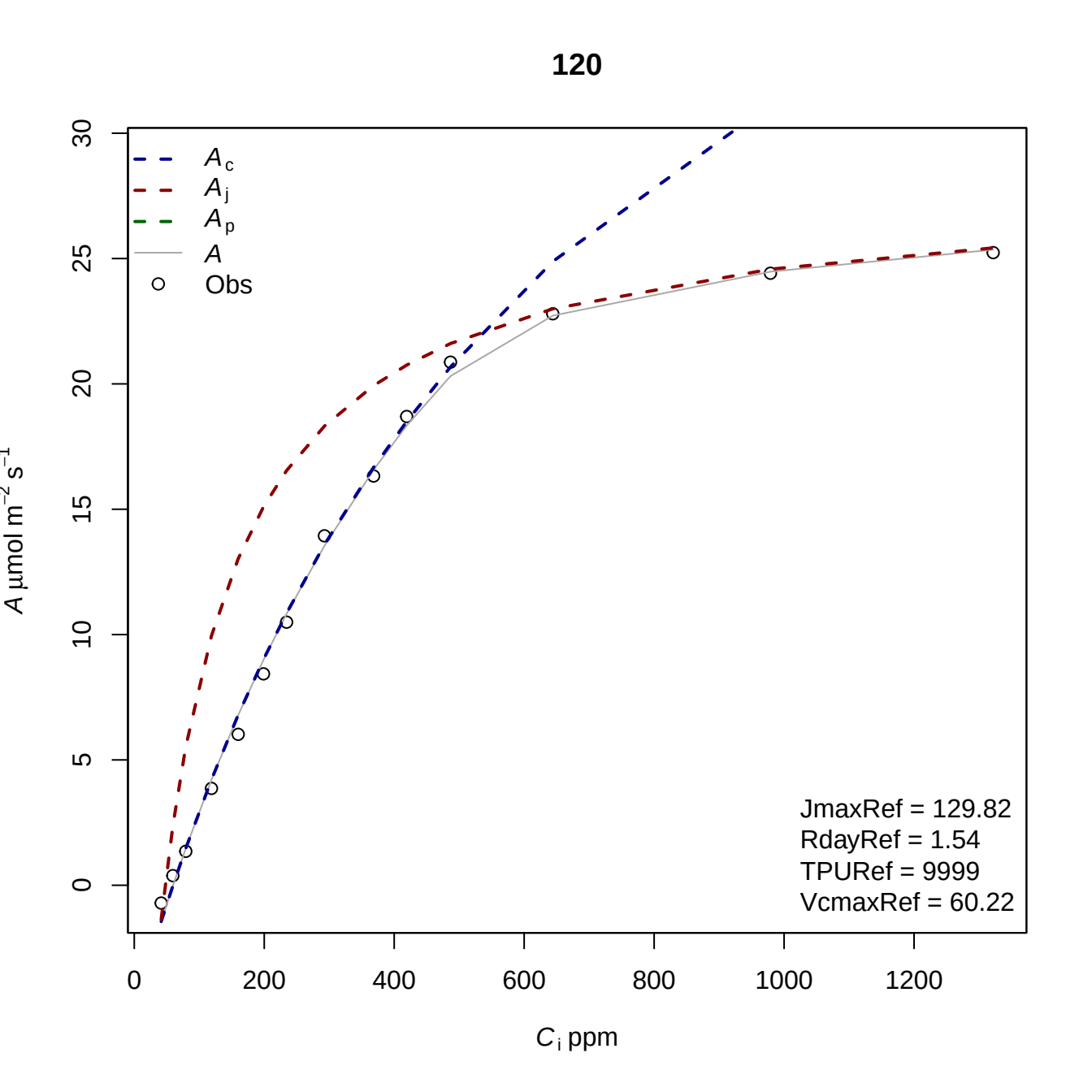

115
A_c
A_j
A_p
A
Obs
JmaxRef = 145.54
RdayRef = 1.54
TPURef = 9999
VcmaxRef = 66
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
200
400
600
800
1000
1200
1400

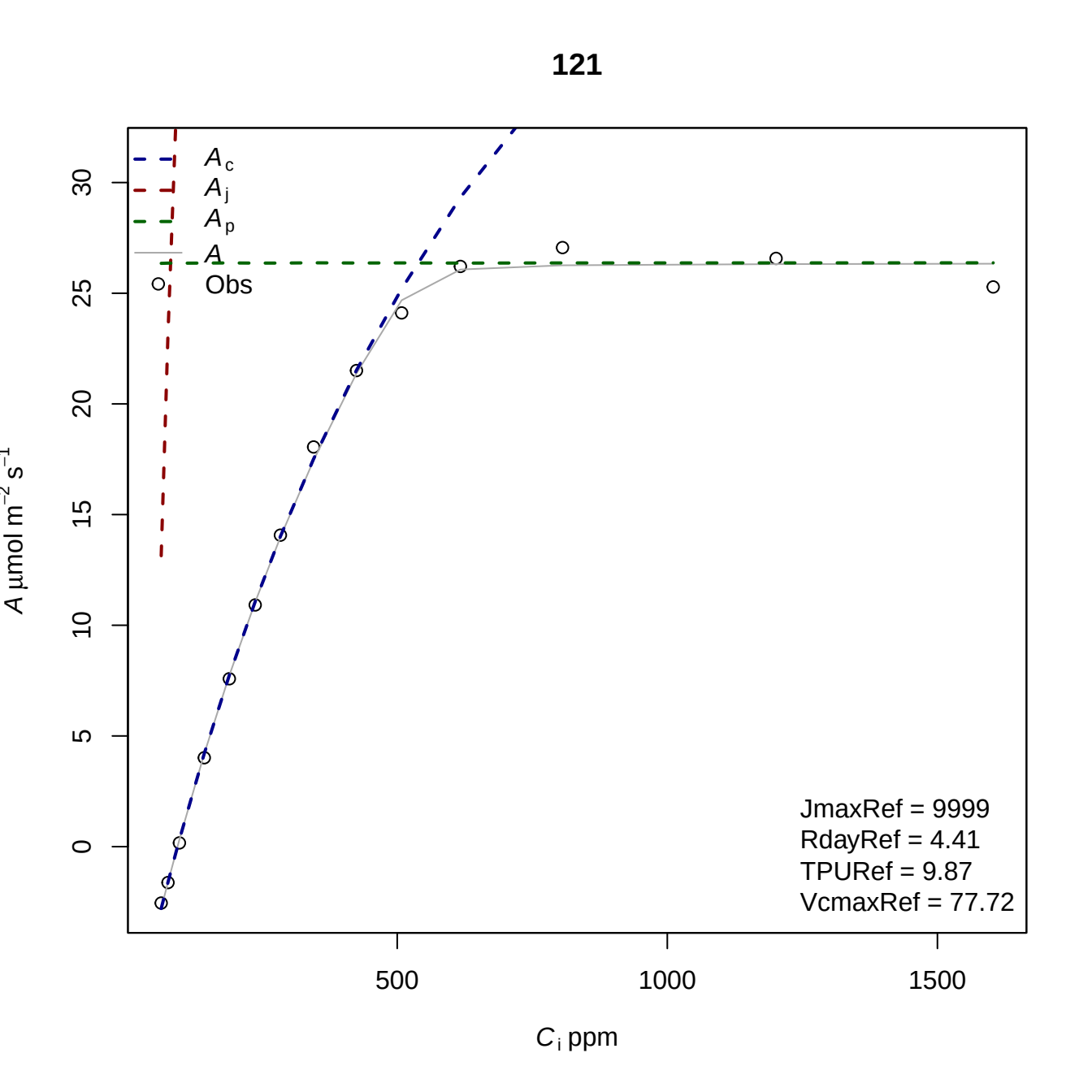

116
A_c
A_j
A_p
A
Obs
JmaxRef = 137.26
RdayRef = 1.88
TPURef = 9999
VcmaxRef = 61.98
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

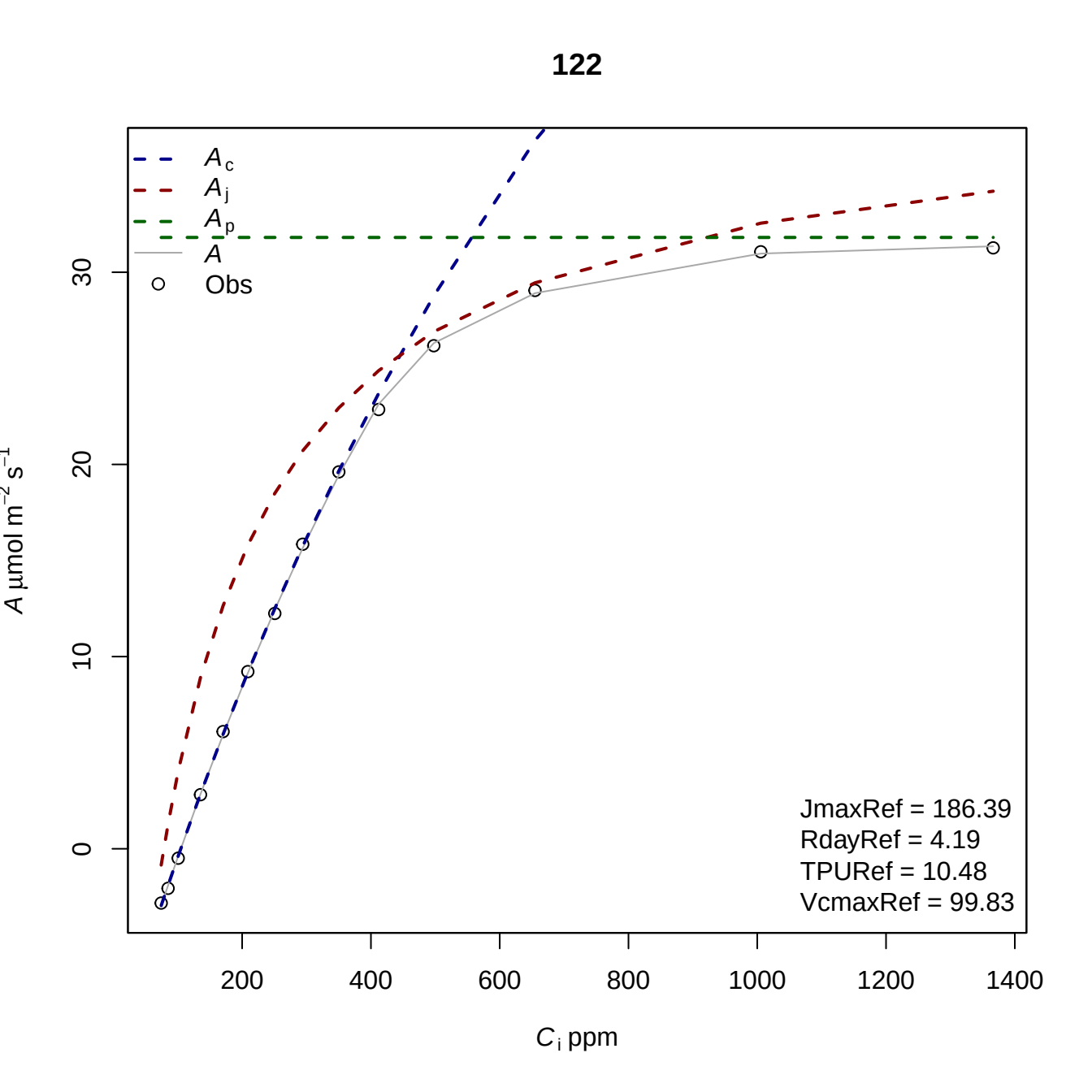

117
A_c
A_j
A_p
A
Obs
JmaxRef = 156.54
RdayRef = 1.53
TPURef = 9999
VcmaxRef = 67.69
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
500
1000
1500

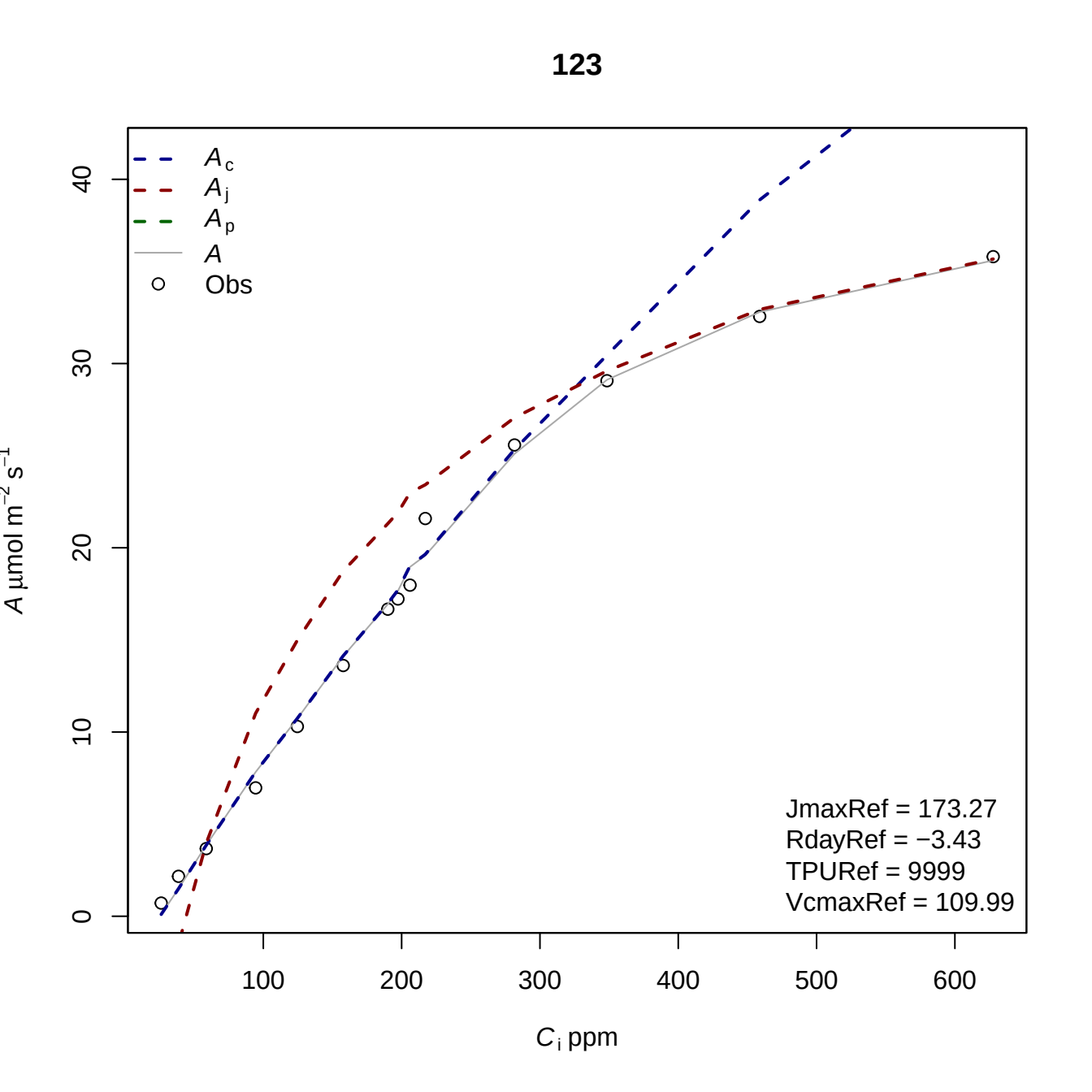

118
A_c
A_j
A_p
A
Obs
JmaxRef = 117.87
RdayRef = 1.05
TPURef = 9999
VcmaxRef = 57.27
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000
1200

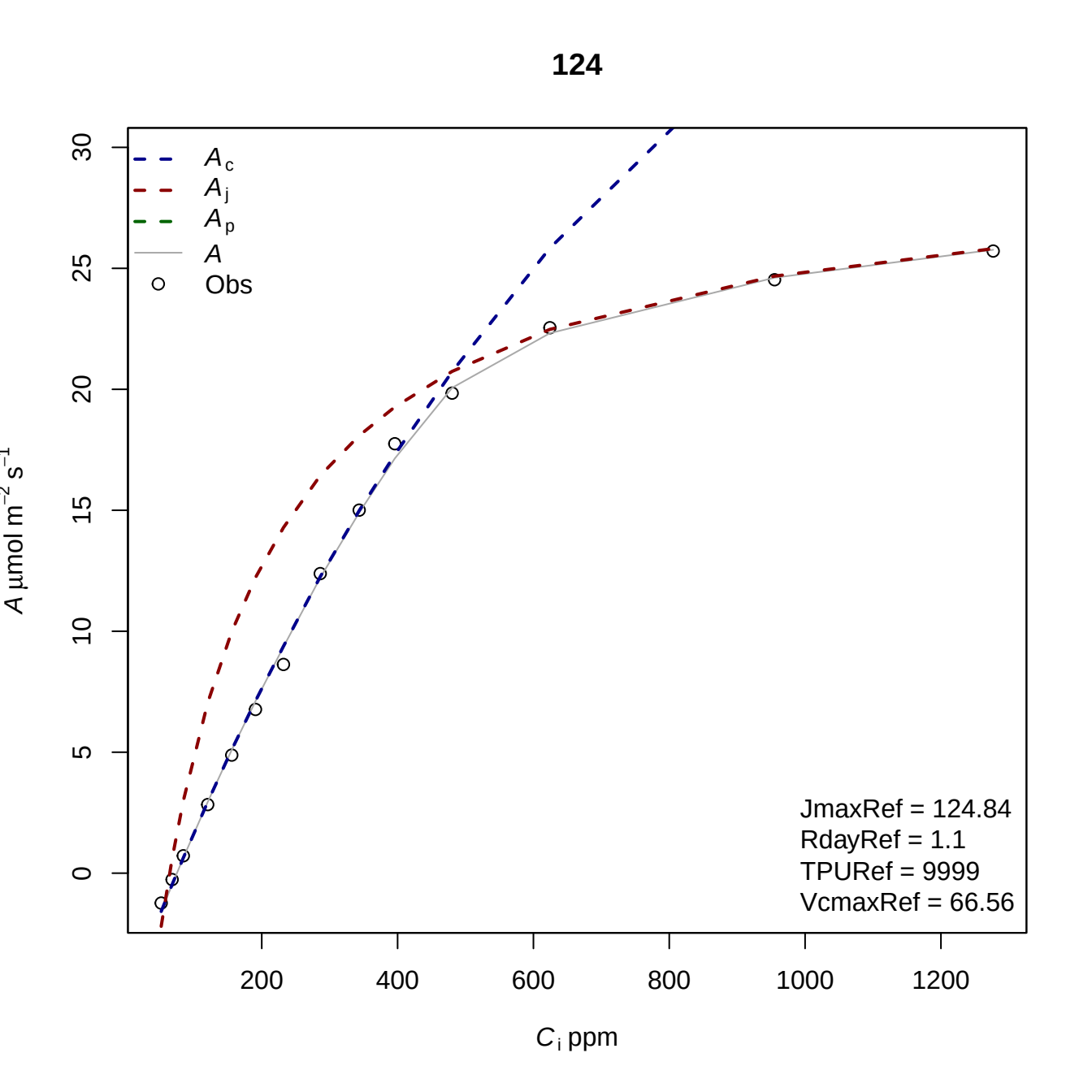

A_c
A_j
A_p
A
Obs
JmaxRef = 142.14
RdayRef = 1.76
TPURef = 9999
VcmaxRef = 65
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

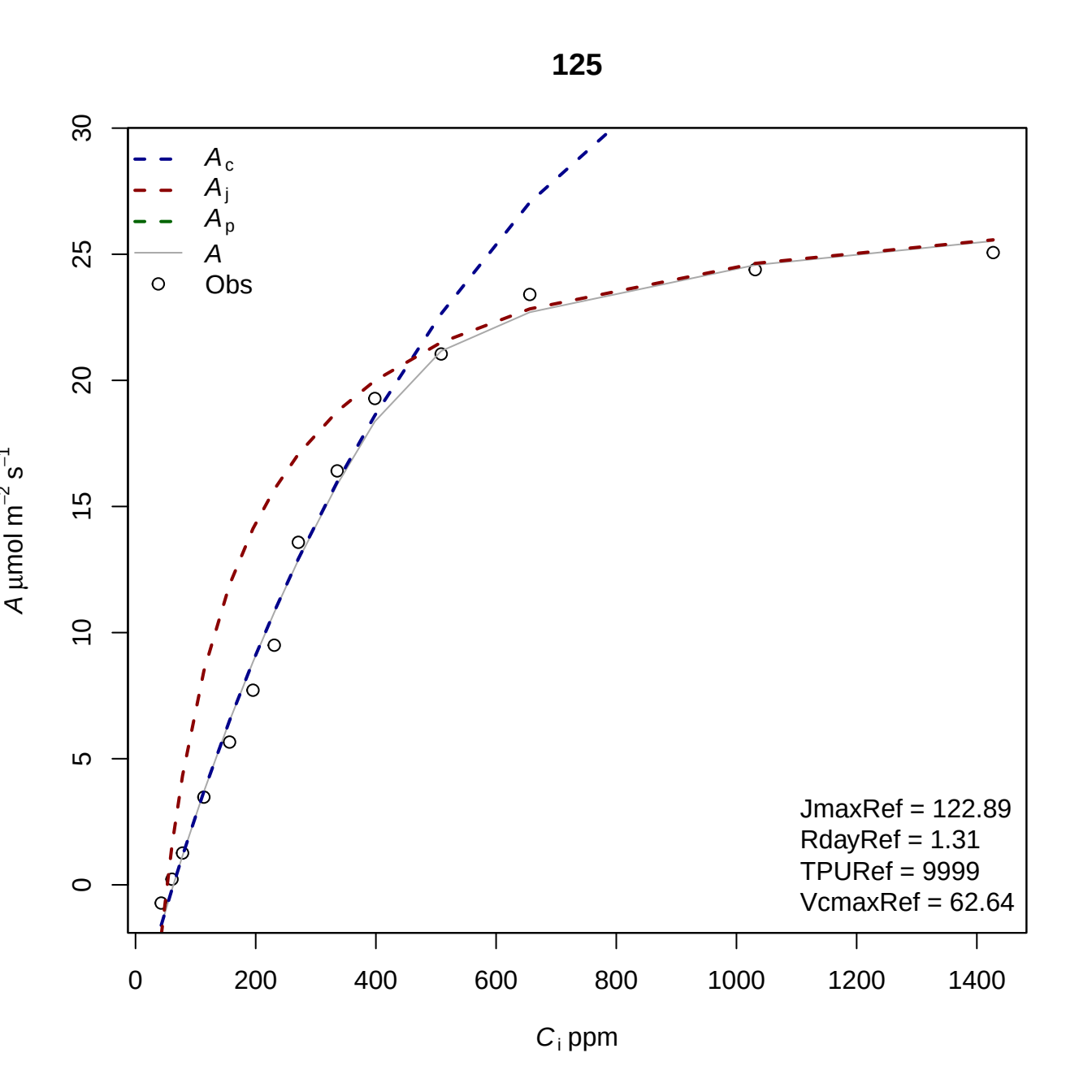

120
A_c
A_j
A_p
A
Obs
JmaxRef = 129.82
RdayRef = 1.54
TPURef = 9999
VcmaxRef = 60.22
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

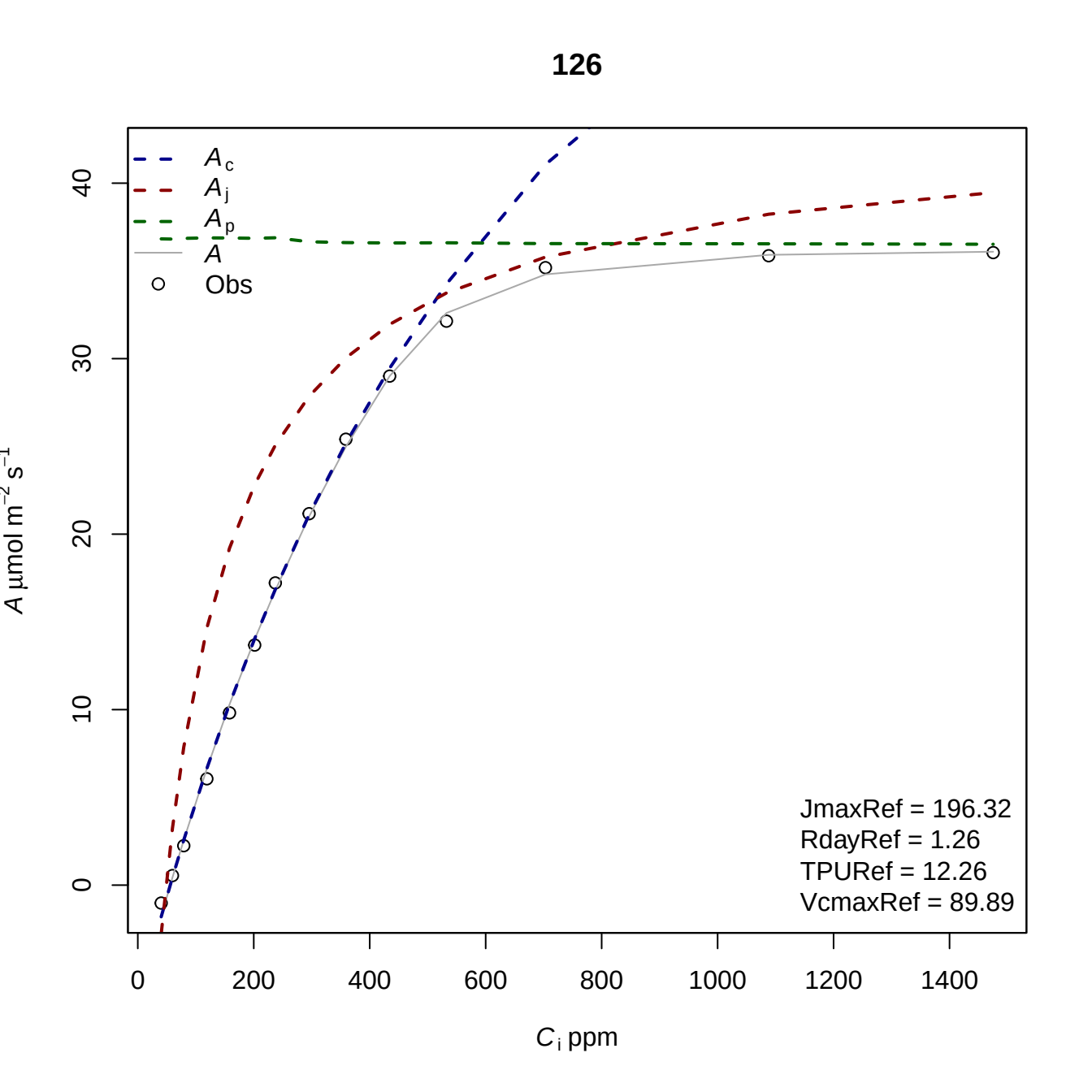

121
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 4.41
TPURef = 9.87
VcmaxRef = 77.72
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
500
1000
1500

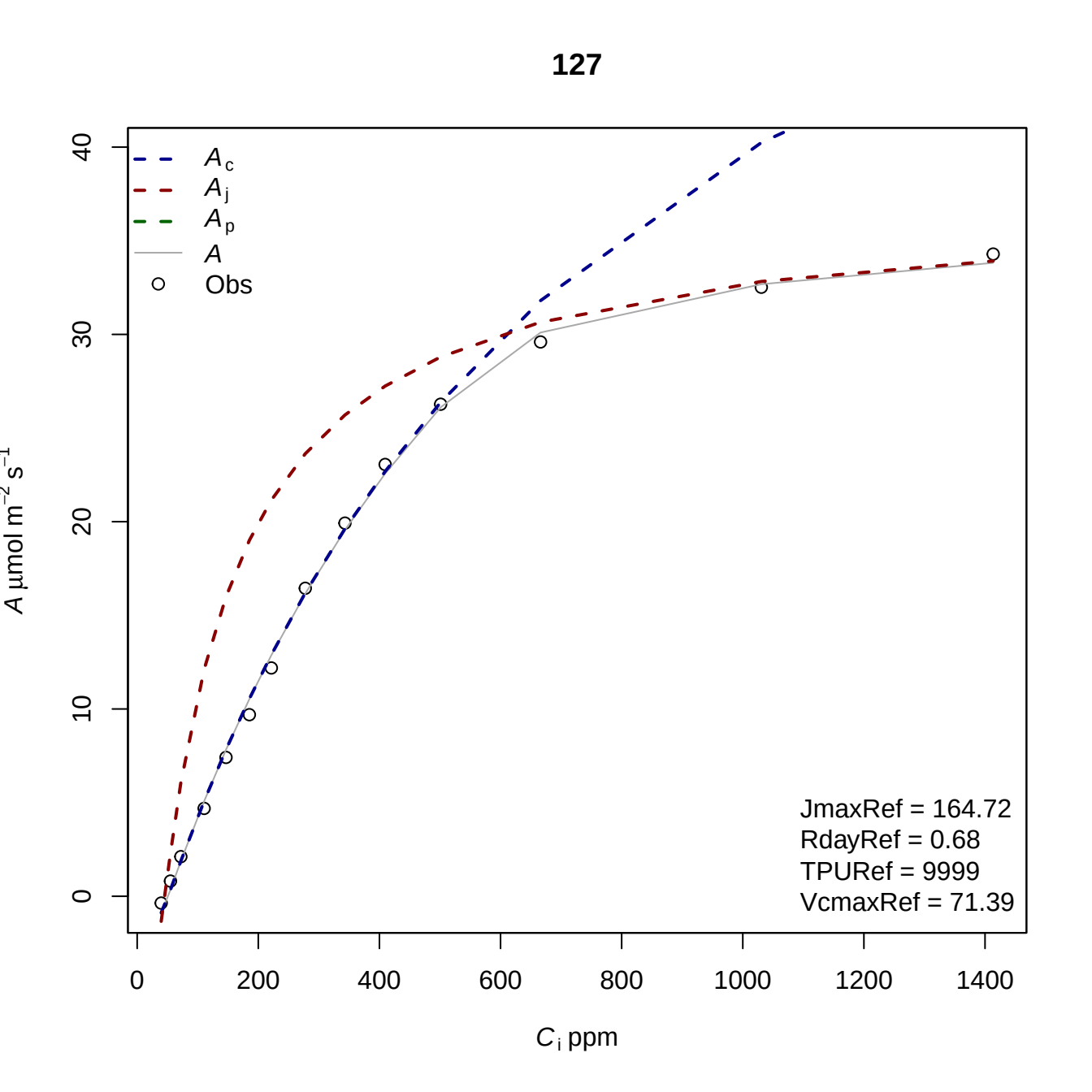

122
A_c
A_j
A_p
A
Obs
JmaxRef = 186.39
RdayRef = 4.19
TPURef = 10.48
VcmaxRef = 99.83
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
200
400
600
800
1000
1200
1400

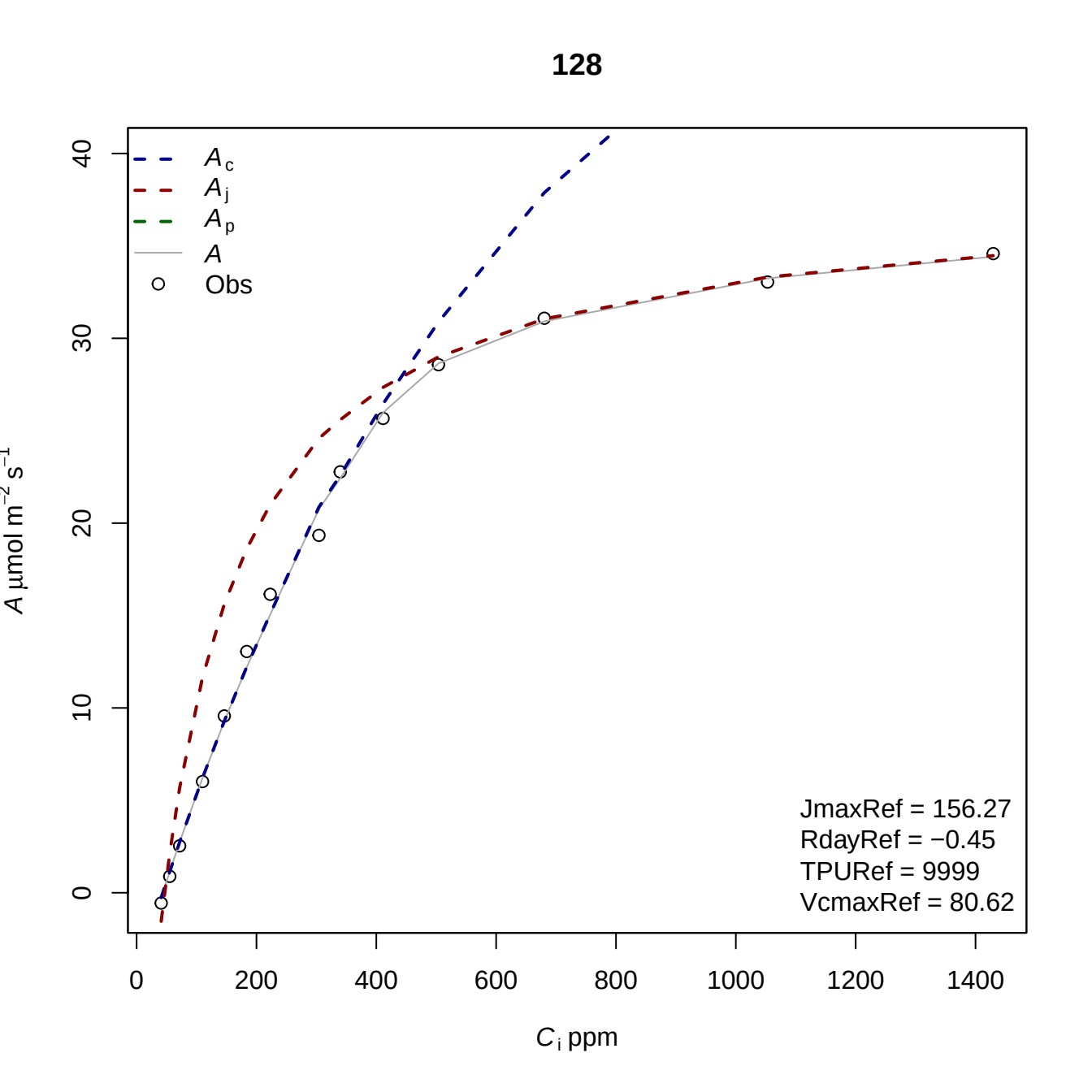

123
A_c
A_j
A_p
A
Obs
JmaxRef = 173.27
RdayRef = −3.43
TPURef = 9999
VcmaxRef = 109.99
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600

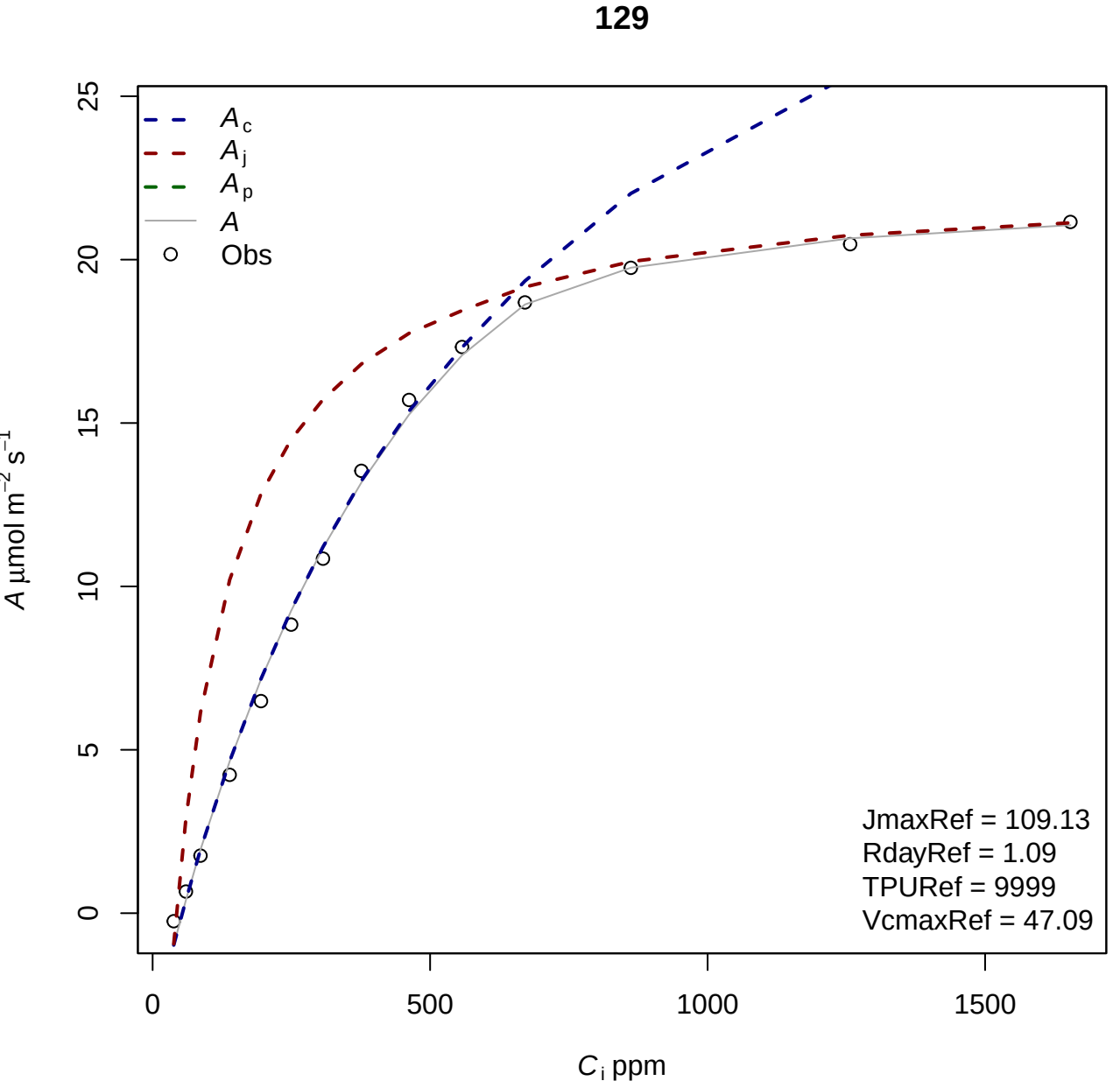

124
A_c
A_j
A_p
A
Obs
JmaxRef = 124.84
RdayRef = 1.1
TPURef = 9999
VcmaxRef = 66.56
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000
1200

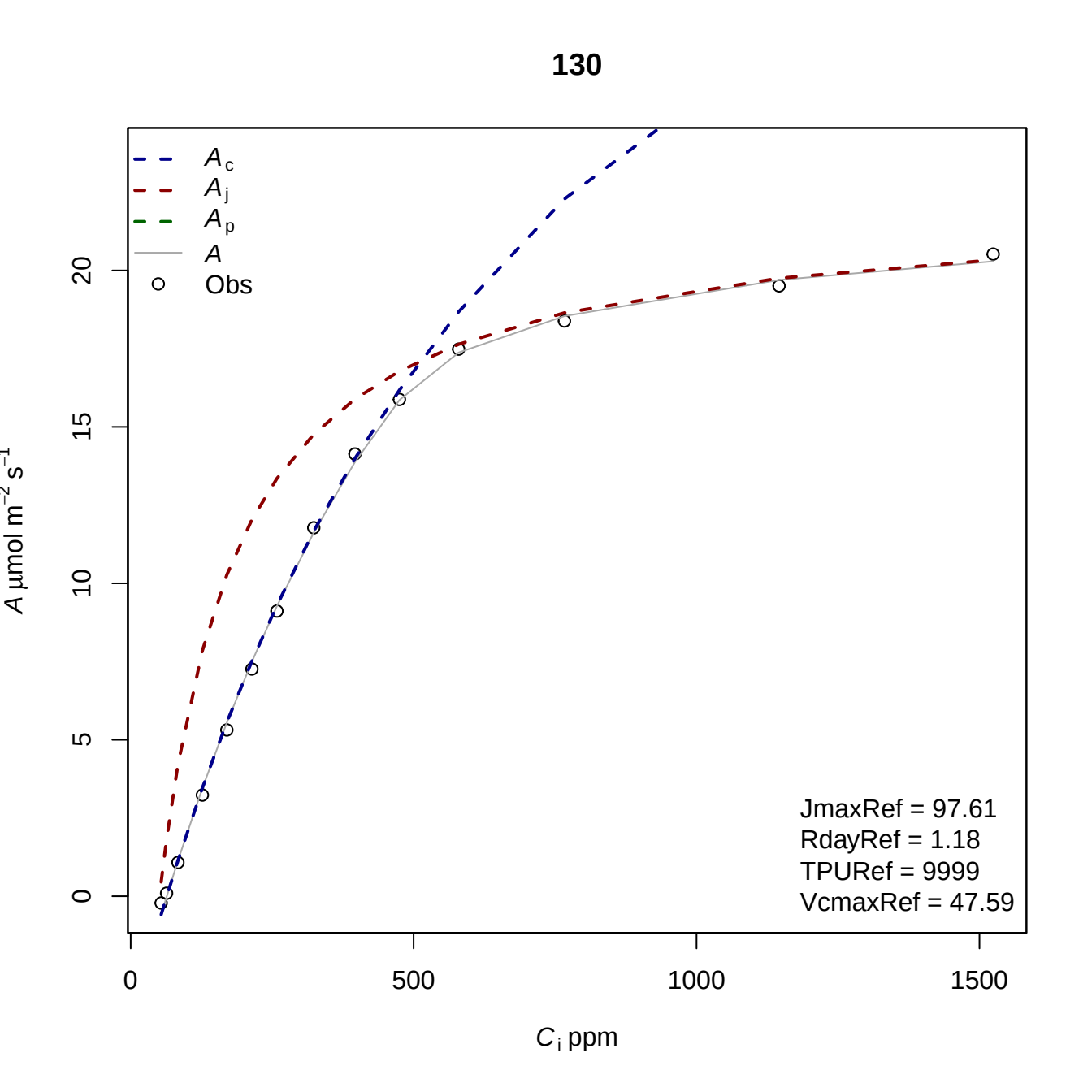

125
A_c
A_j
A_p
A
Obs
JmaxRef = 122.89
RdayRef = 1.31
TPURef = 9999
VcmaxRef = 62.64
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

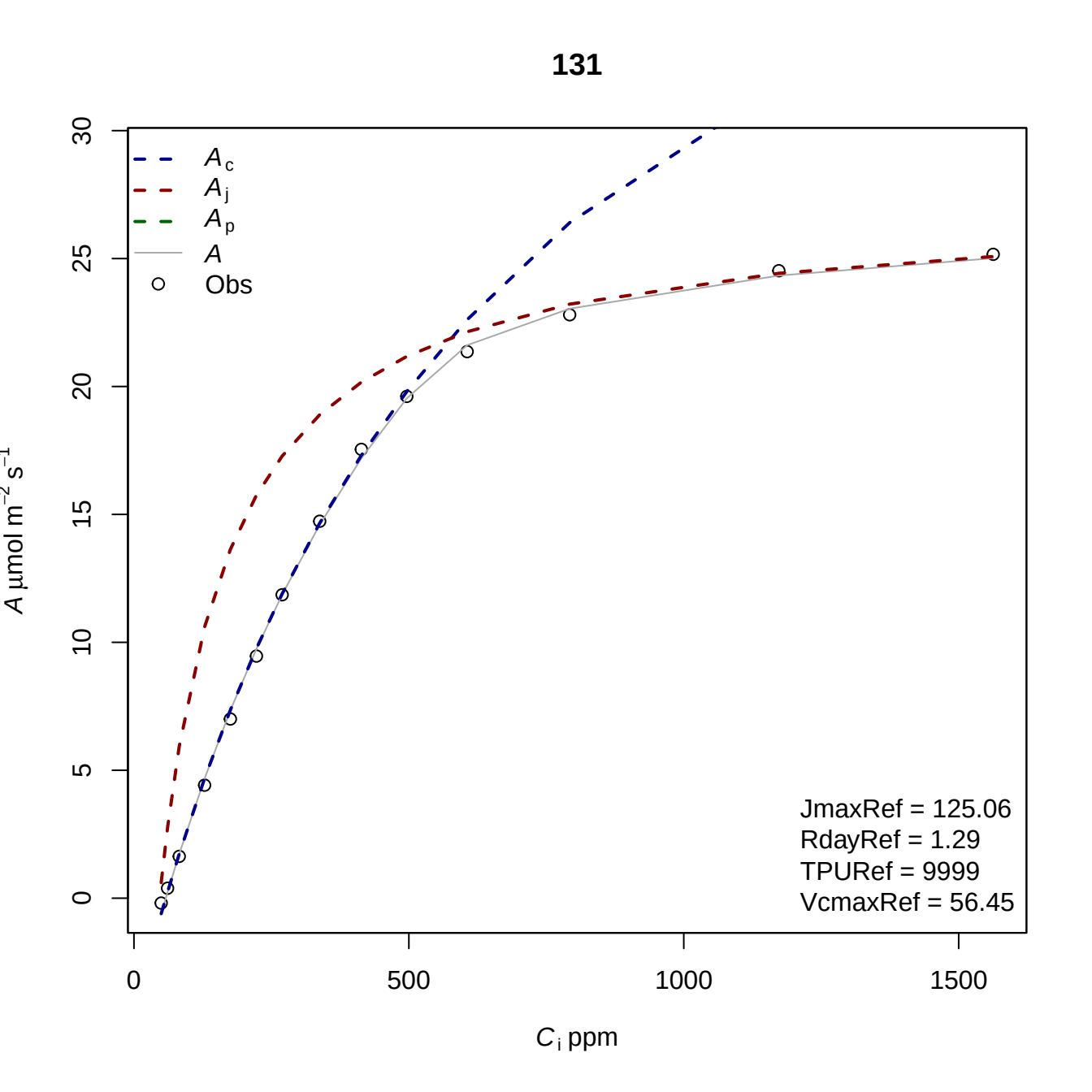

126
A_c
A_j
A_p
A
Obs
JmaxRef = 196.32
RdayRef = 1.26
TPURef = 12.26
VcmaxRef = 89.89
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000
1200
1400

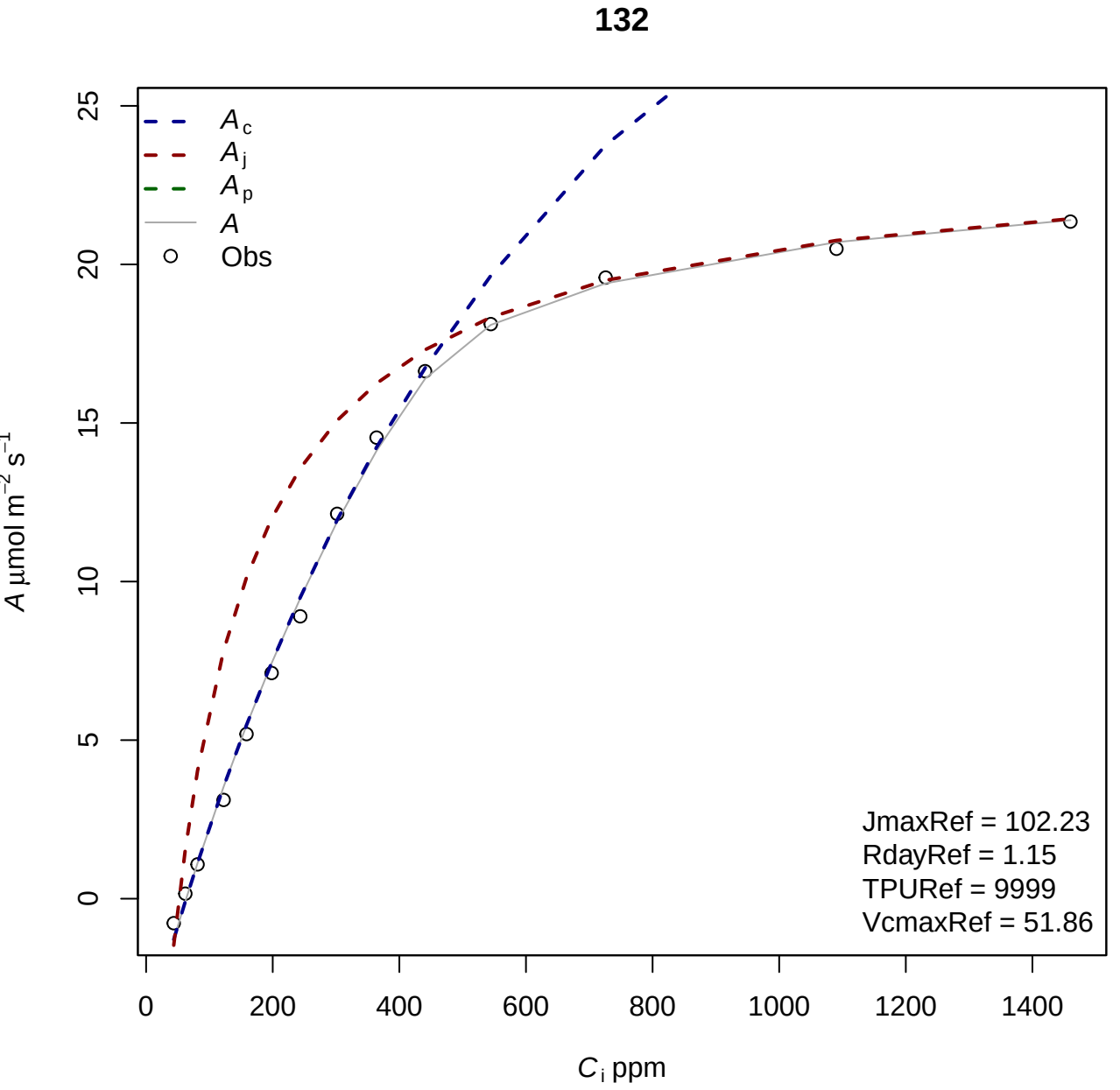

127
A_c
A_j
A_p
A
Obs
JmaxRef = 164.72
RdayRef = 0.68
TPURef = 9999
VcmaxRef = 71.39
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000
1200
1400

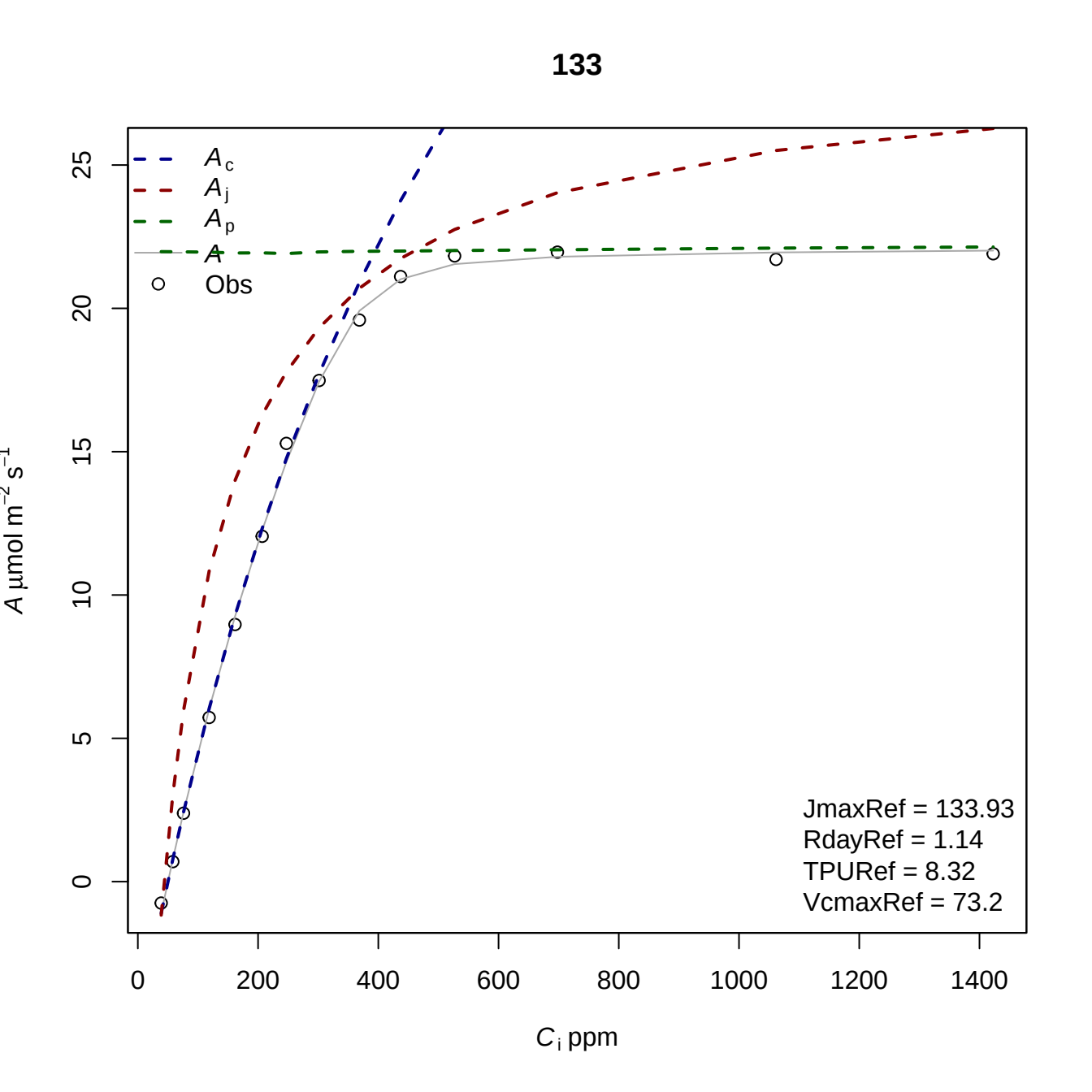

128
A_c
A_j
A_p
A
Obs
JmaxRef = 156.27
RdayRef = −0.45
TPURef = 9999
VcmaxRef = 80.62
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000
1200
1400

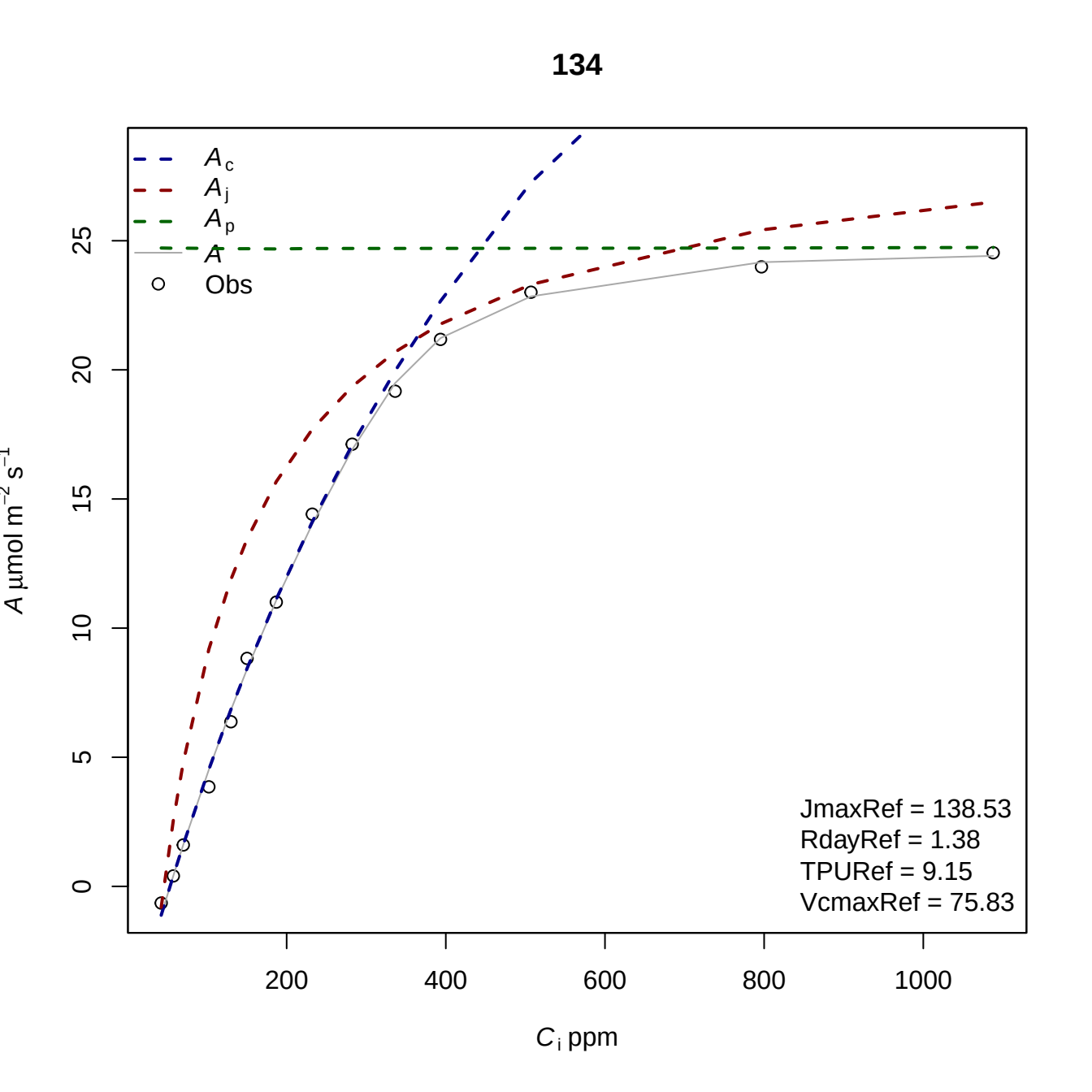

129
A_c
A_j
A_p
A
Obs
JmaxRef = 109.13
RdayRef = 1.09
TPURef = 9999
VcmaxRef = 47.09
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

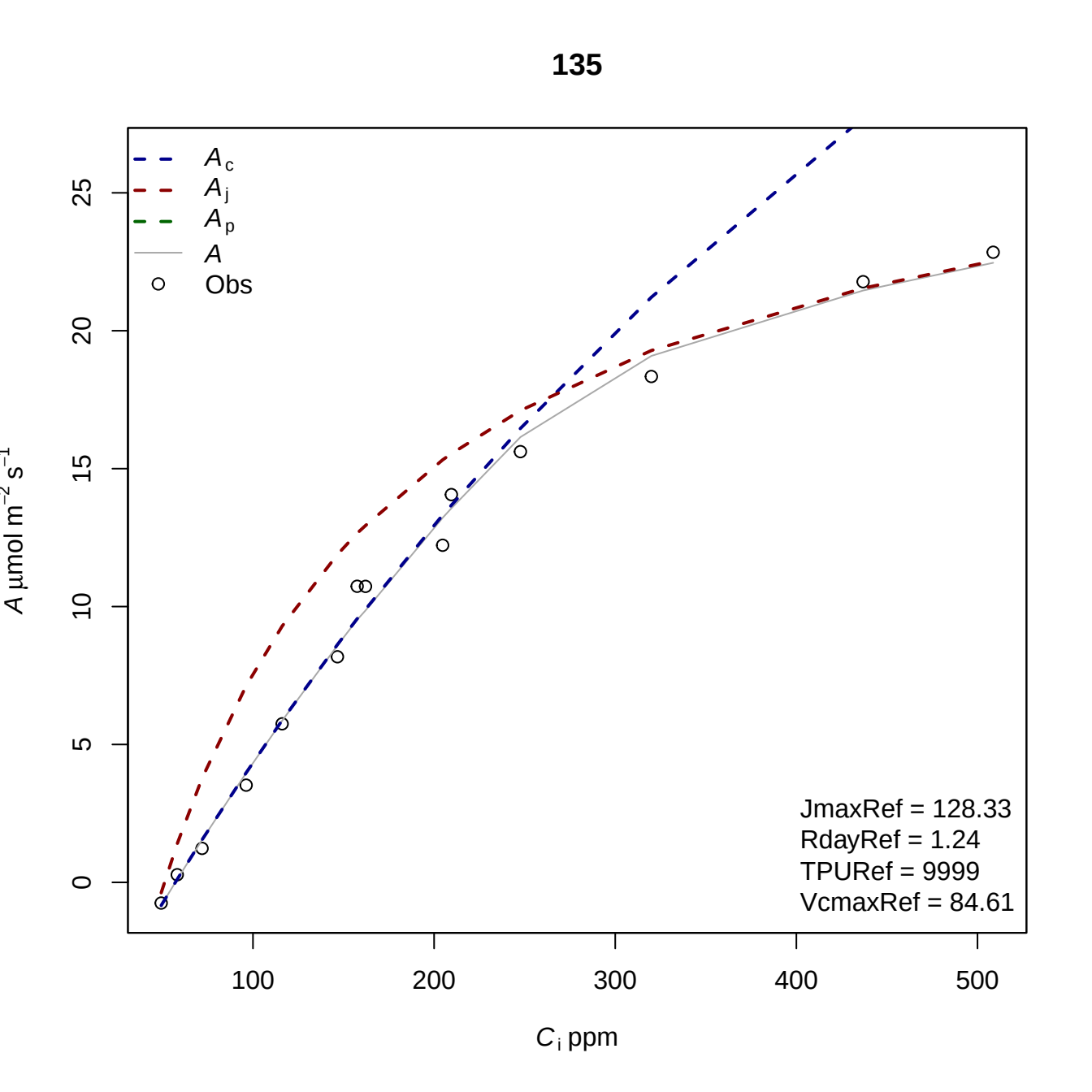

130
A_c
A_j
A_p
A
Obs
JmaxRef = 97.61
RdayRef = 1.18
TPURef = 9999
VcmaxRef = 47.59
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

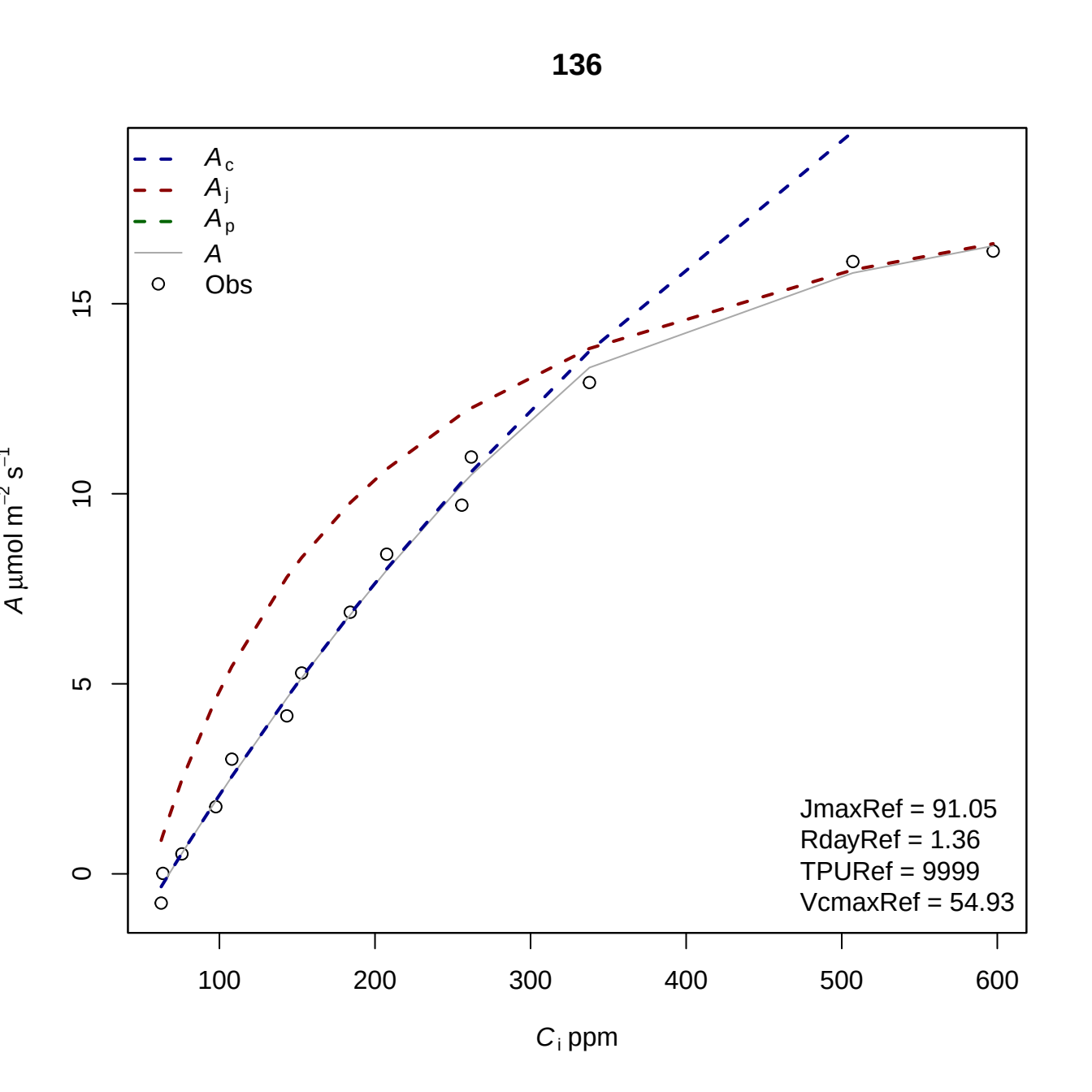

131
A_c
A_j
A_p
A
Obs
JmaxRef = 125.06
RdayRef = 1.29
TPURef = 9999
VcmaxRef = 56.45
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500


132
A_c
A_j
A_p
A
Obs
JmaxRef = 102.23
RdayRef = 1.15
TPURef = 9999
VcmaxRef = 51.86
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

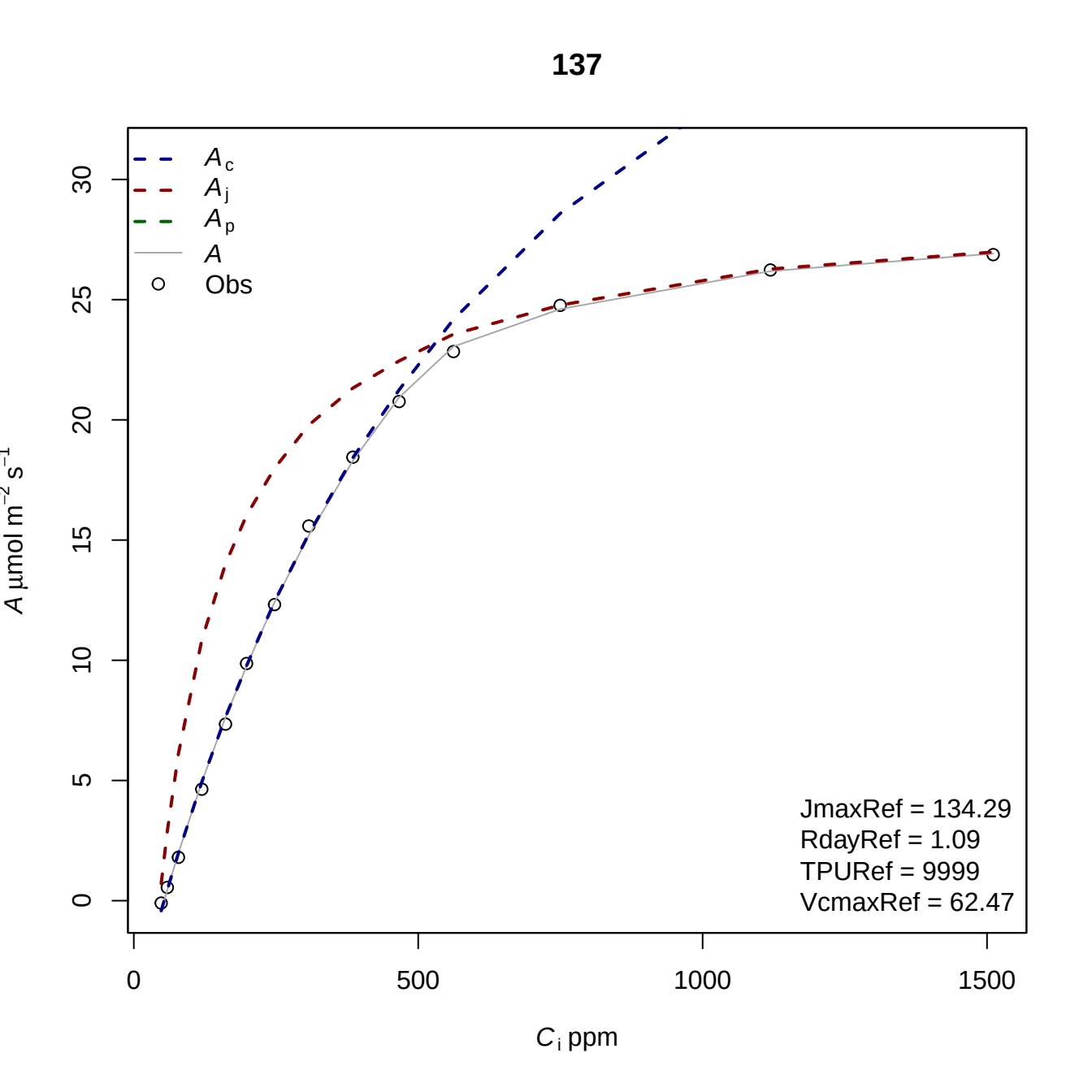

133
A_c
A_j
A_p
A
Obs
JmaxRef = 133.93
RdayRef = 1.14
TPURef = 8.32
VcmaxRef = 73.2
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

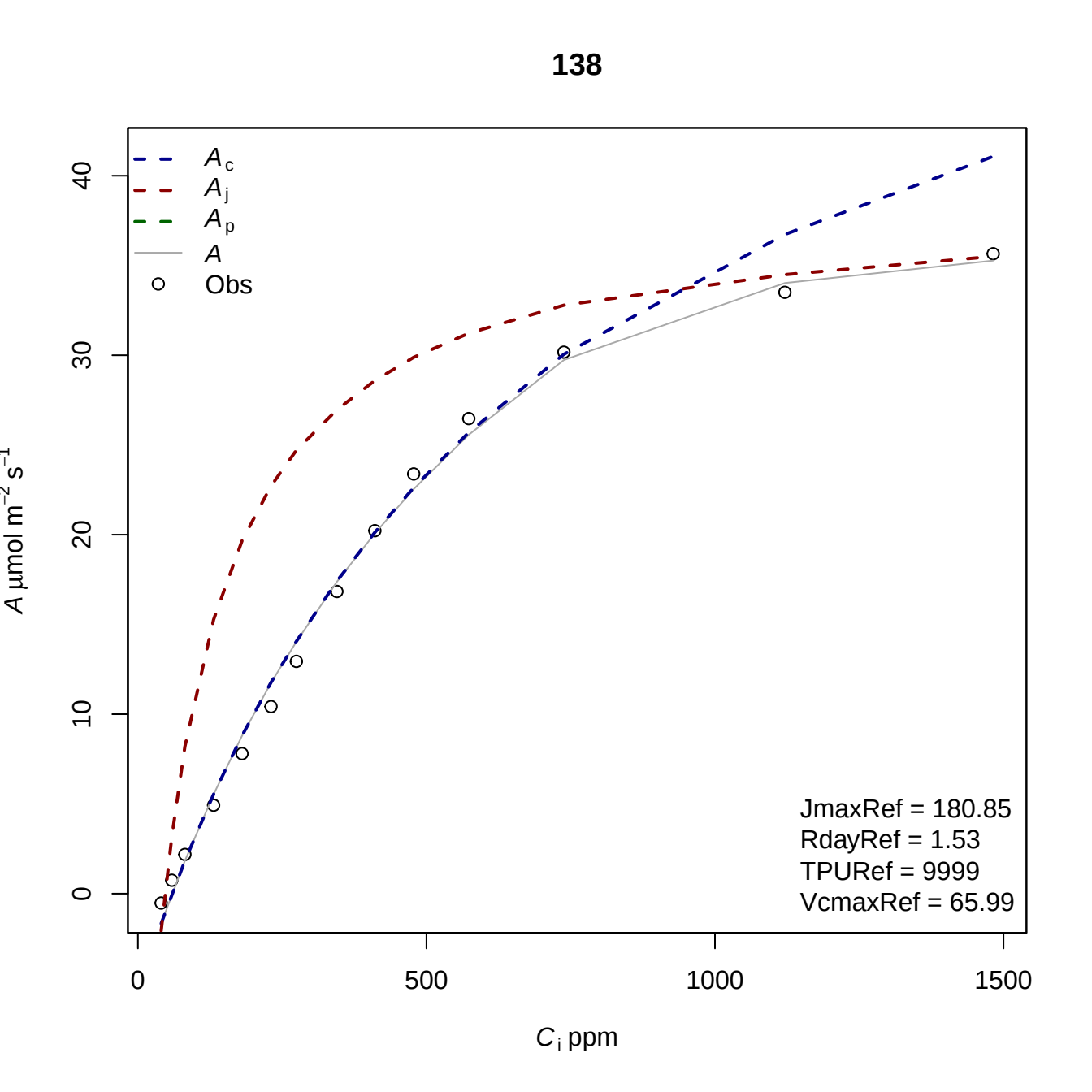

134
A_c
A_j
A_p
A
Obs
JmaxRef = 138.53
RdayRef = 1.38
TPURef = 9.15
VcmaxRef = 75.83
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000

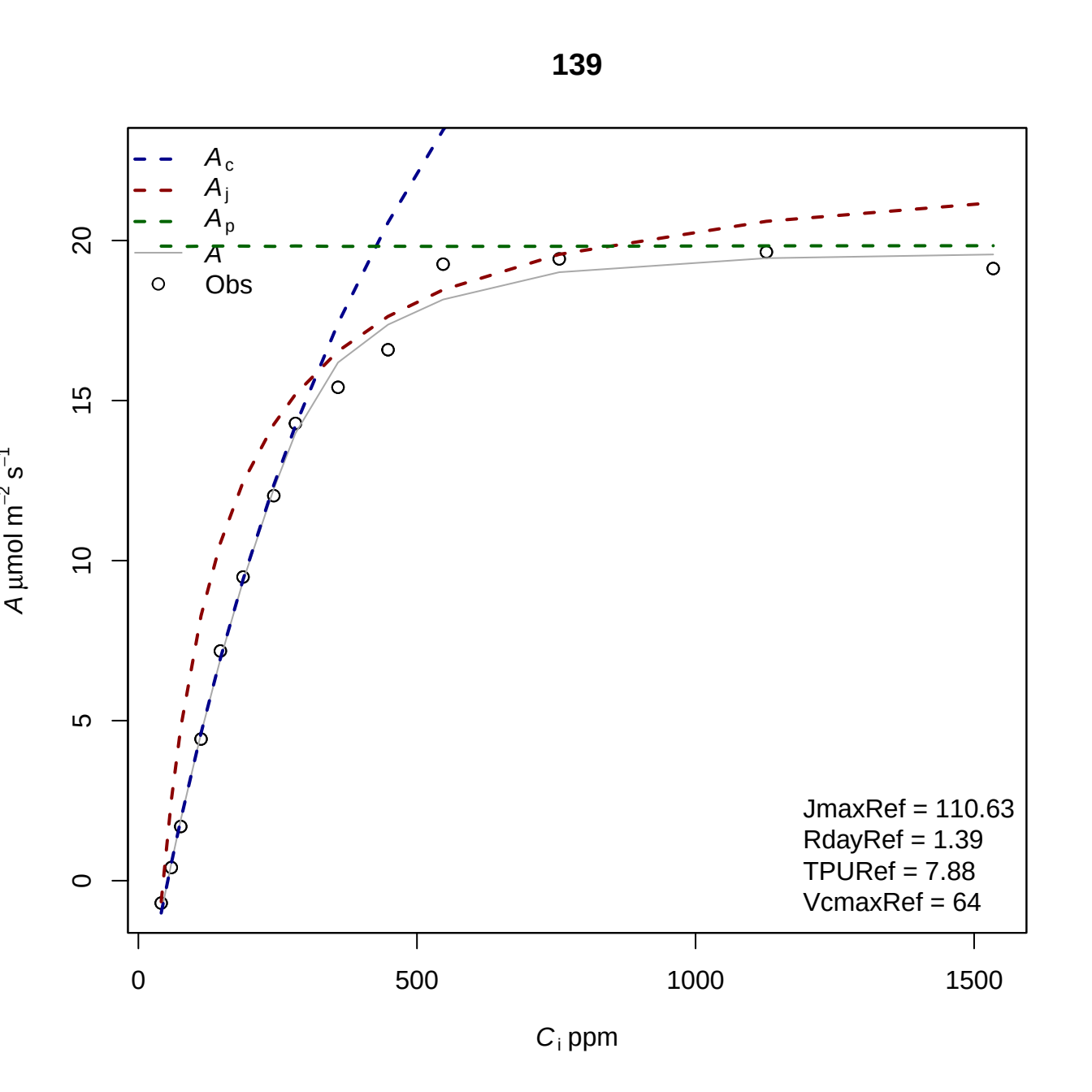

135
A_c
A_j
A_p
A
Obs
JmaxRef = 128.33
RdayRef = 1.24
TPURef = 9999
VcmaxRef = 84.61
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
100
200
300
400
500

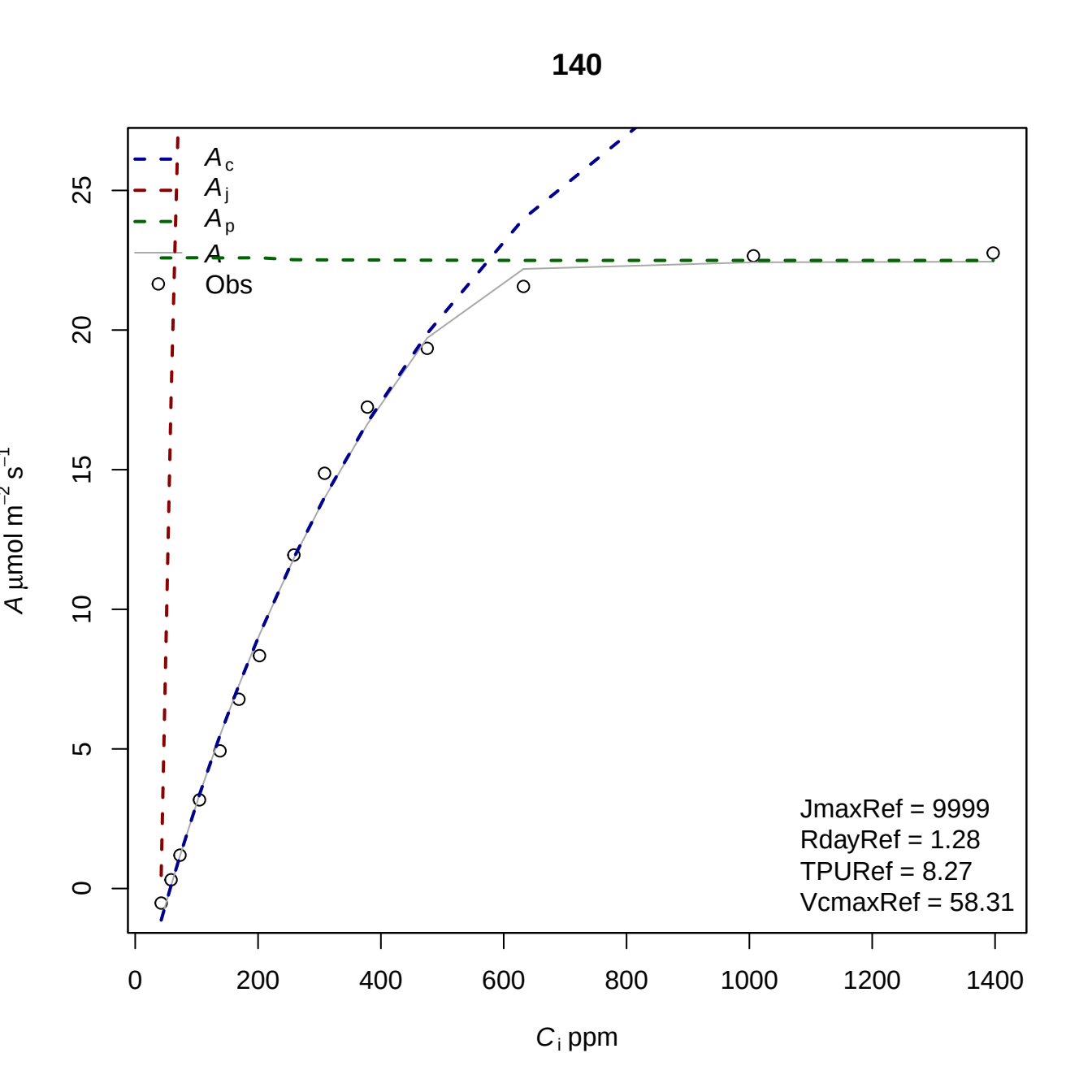


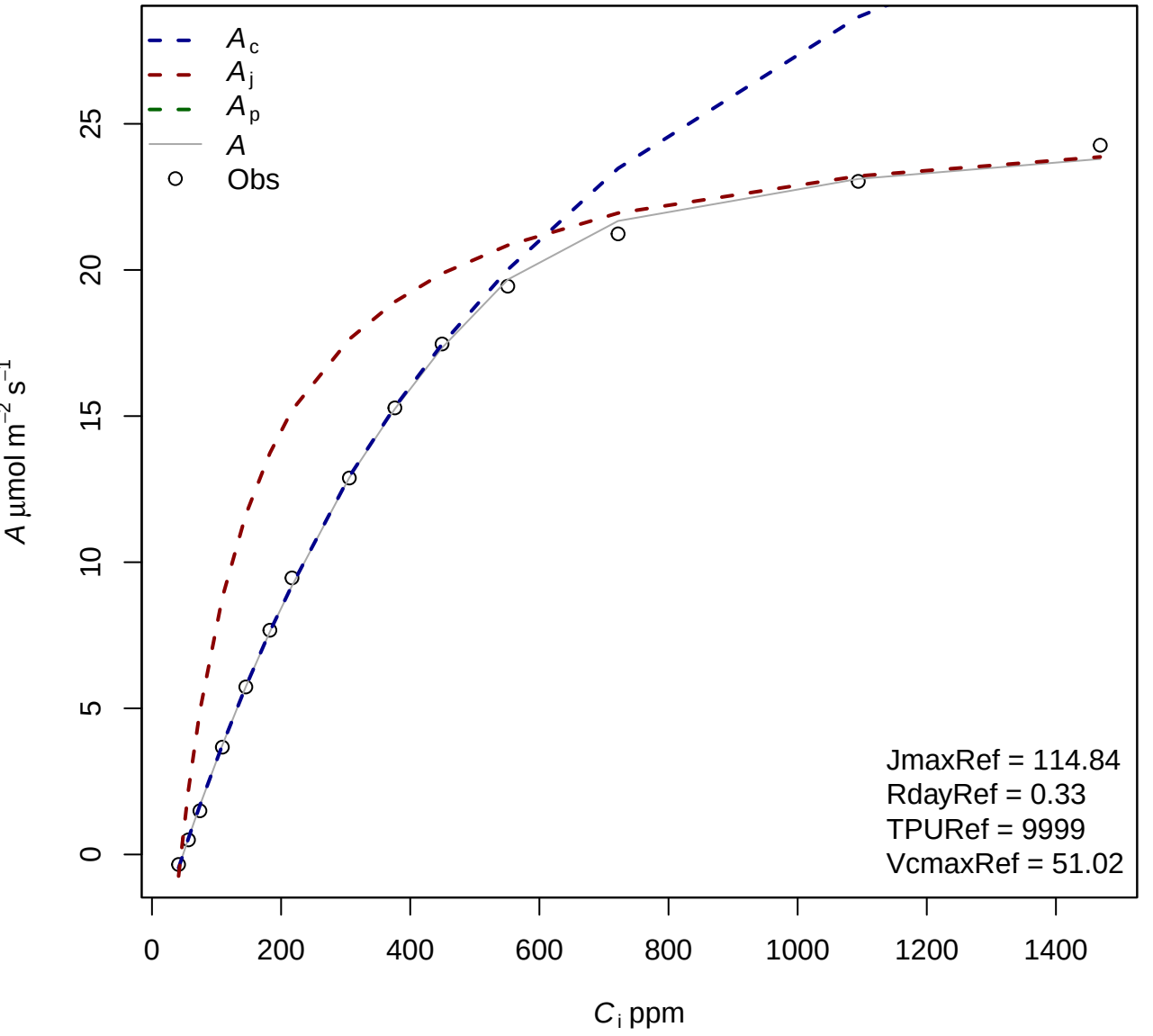
136
A_c
A_j
A_p
A
Obs
JmaxRef = 91.05
RdayRef = 1.36
TPURef = 9999
VcmaxRef = 54.93
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
100
200
300
400
500
600

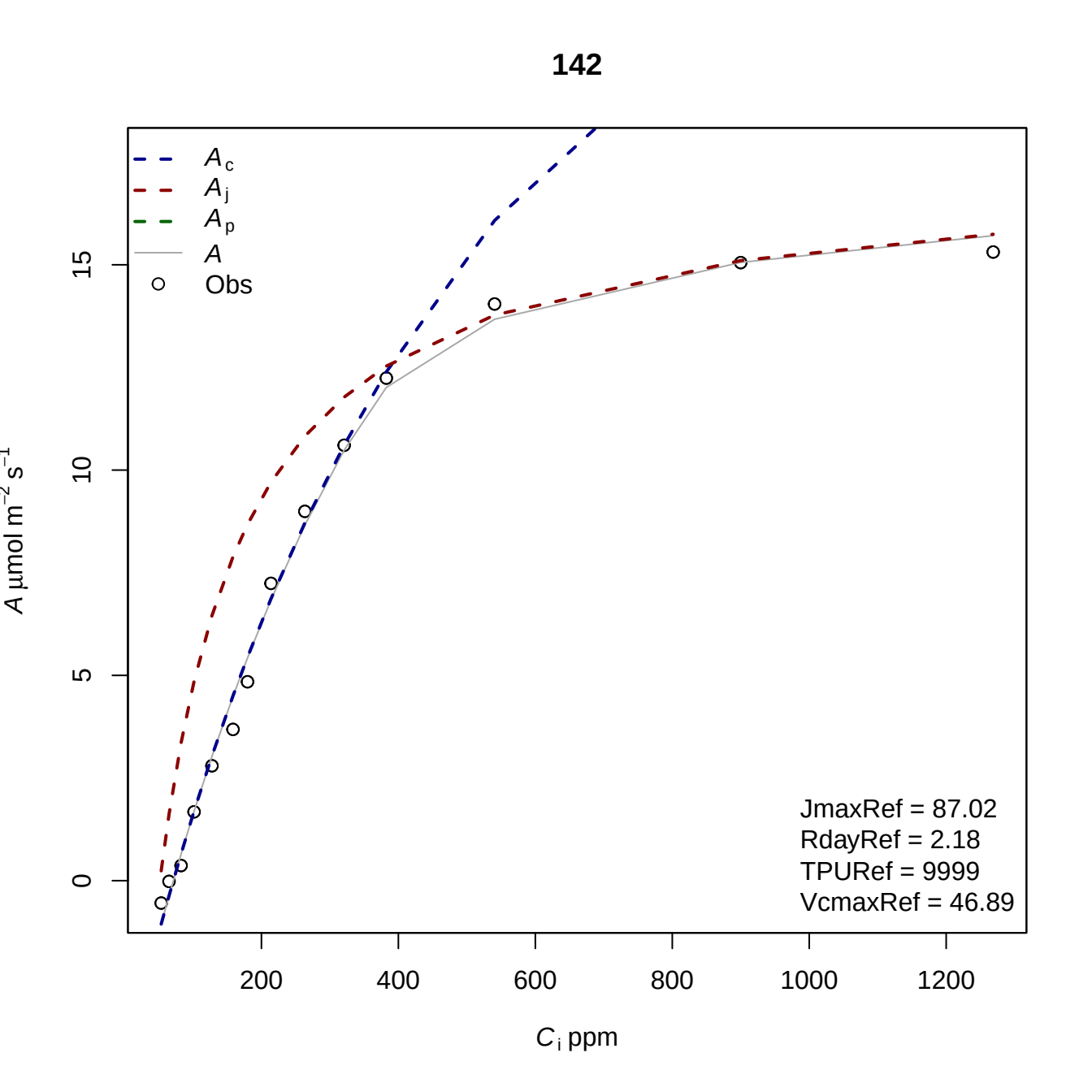

137
A_c
A_j
A_p
A
Obs
JmaxRef = 134.29
RdayRef = 1.09
TPURef = 9999
VcmaxRef = 62.47
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

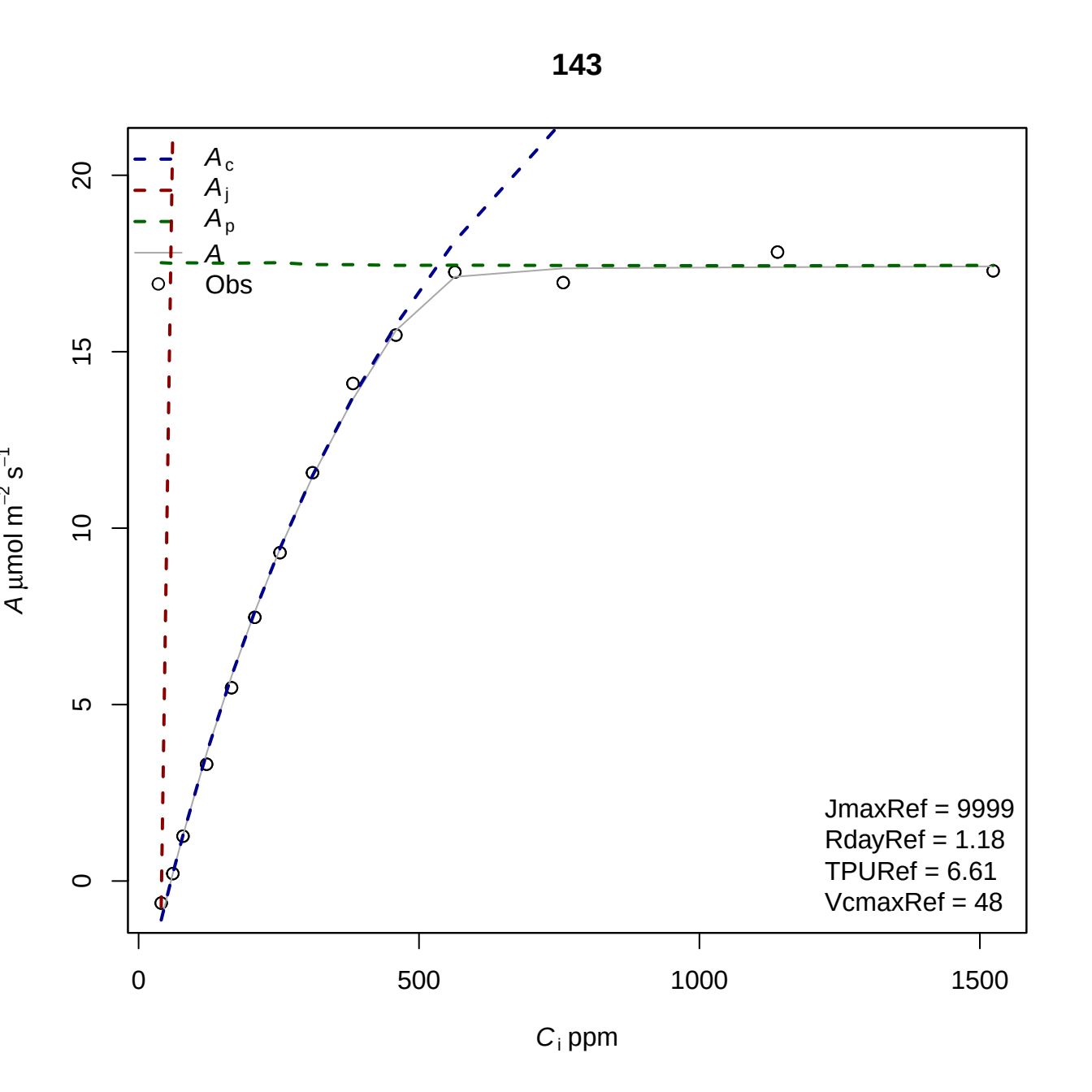

138
A_c
A_j
A_p
A
Obs
JmaxRef = 180.85
RdayRef = 1.53
TPURef = 9999
VcmaxRef = 65.99
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
500
1000
1500

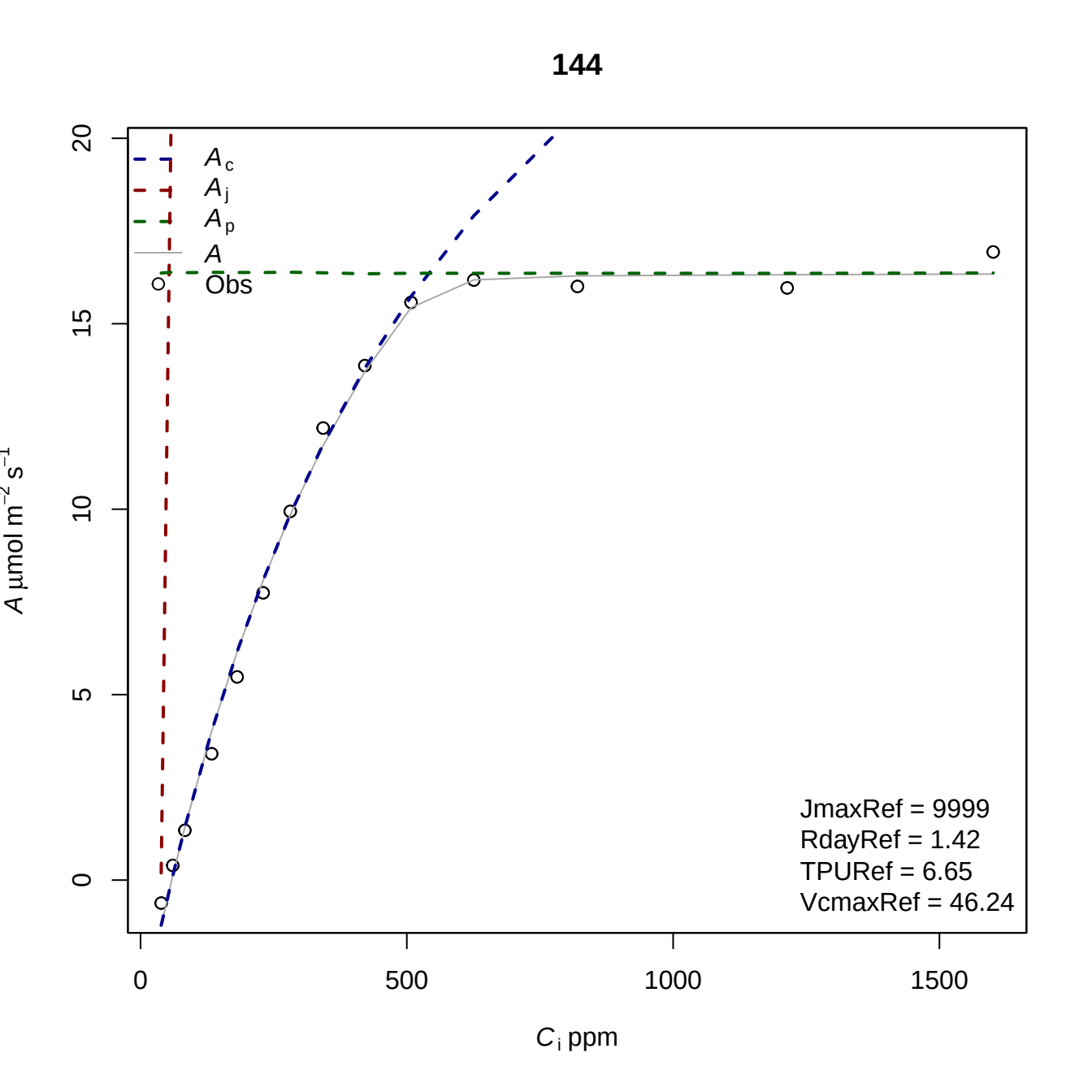

139
A_c
A_j
A_p
A
Obs
JmaxRef = 110.63
RdayRef = 1.39
TPURef = 7.88
VcmaxRef = 64
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

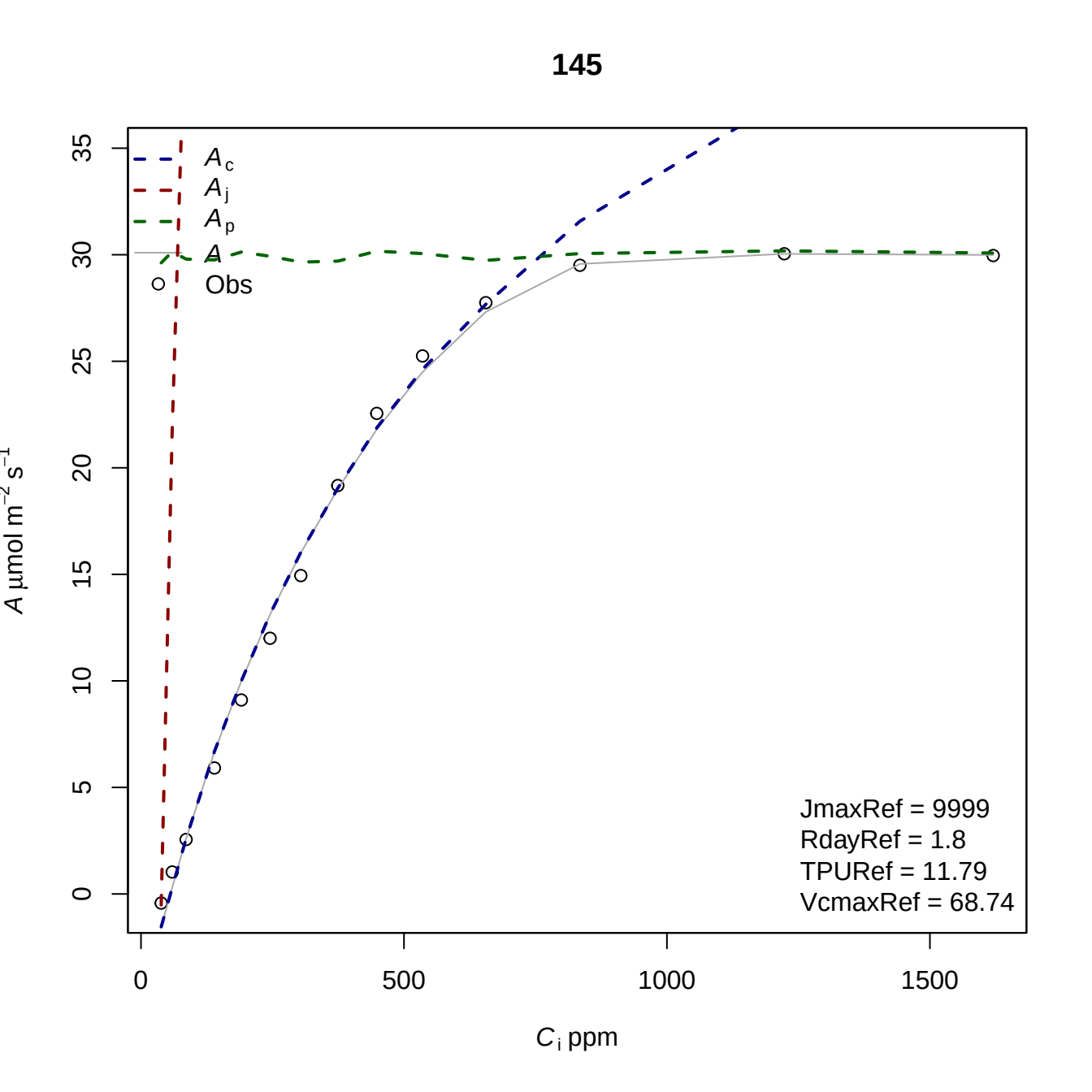

140
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.28
TPURef = 8.27
VcmaxRef = 58.31
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

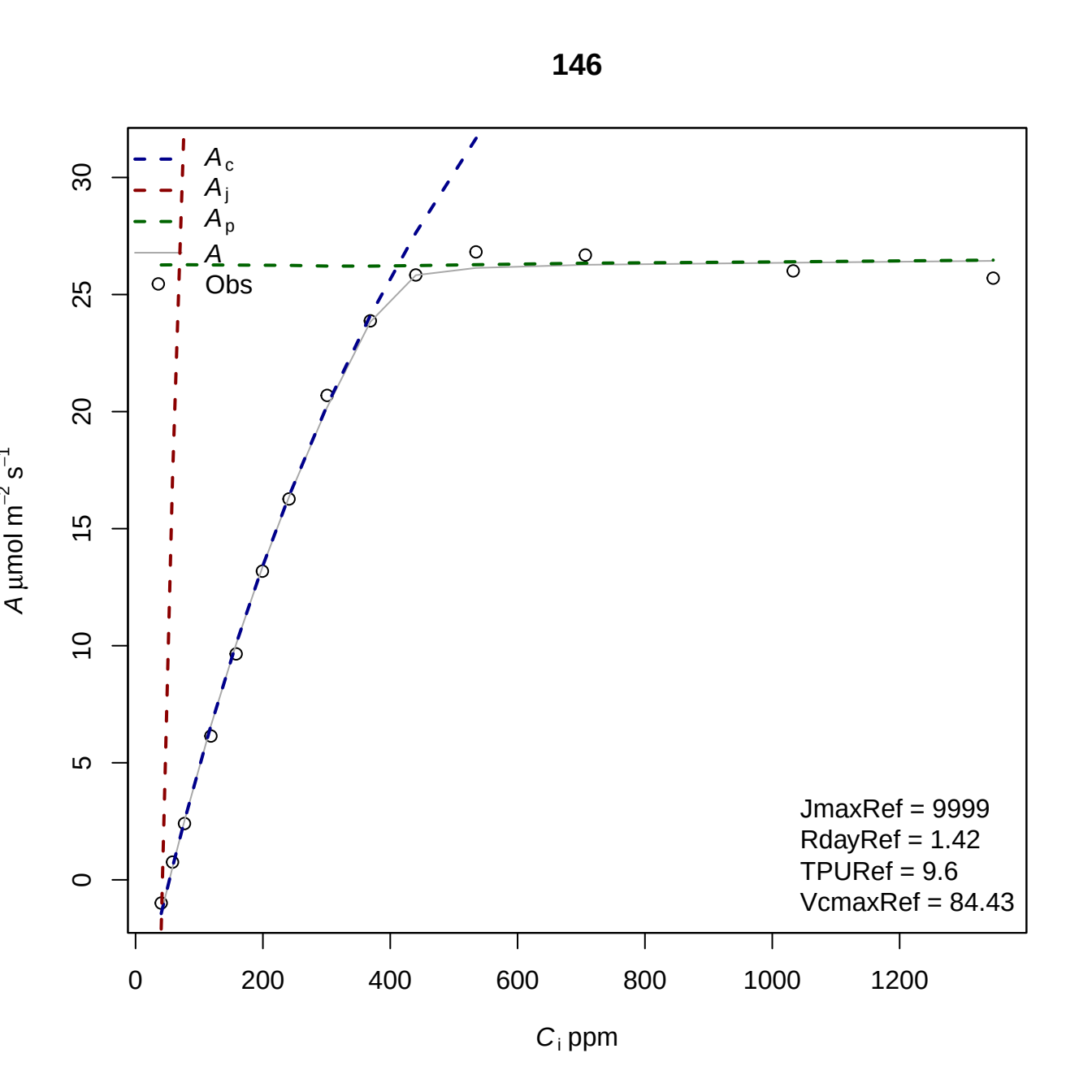

A_c
A_j
A_p
A
Obs
JmaxRef = 114.84
RdayRef = 0.33
TPURef = 9999
VcmaxRef = 51.02
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

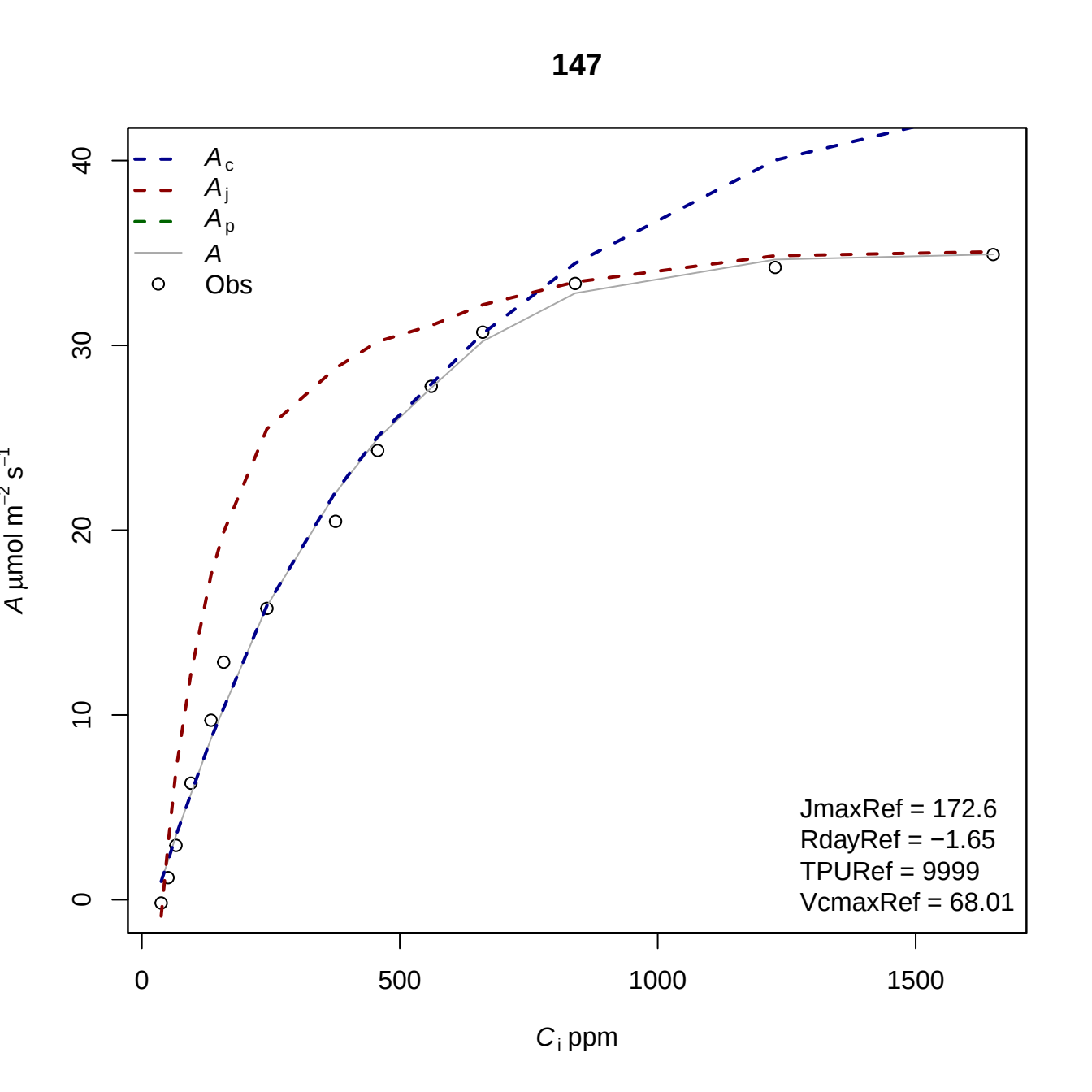

142
A_c
A_j
A_p
A
Obs
JmaxRef = 87.02
RdayRef = 2.18
TPURef = 9999
VcmaxRef = 46.89
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

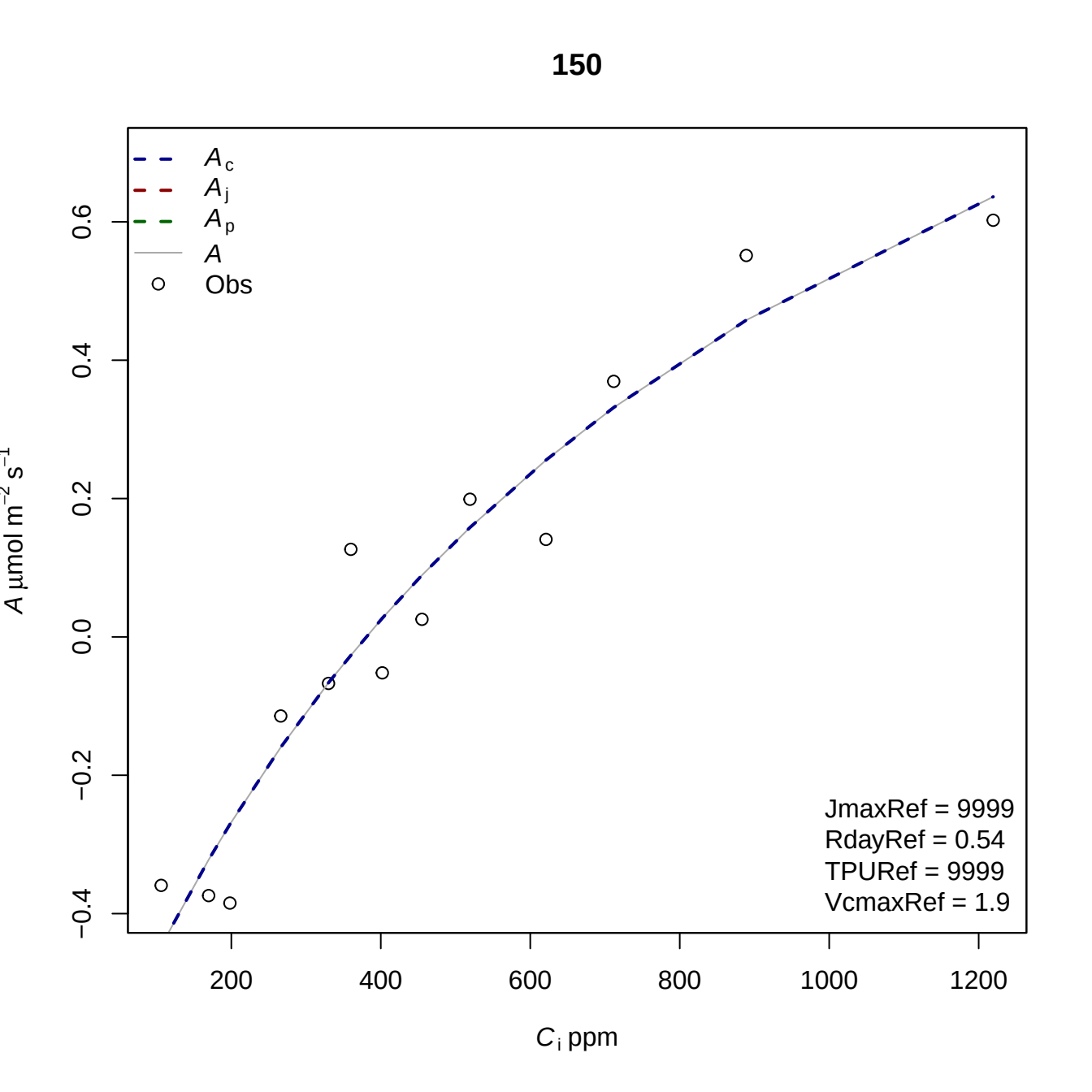

143
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.18
TPURef = 6.61
VcmaxRef = 48
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

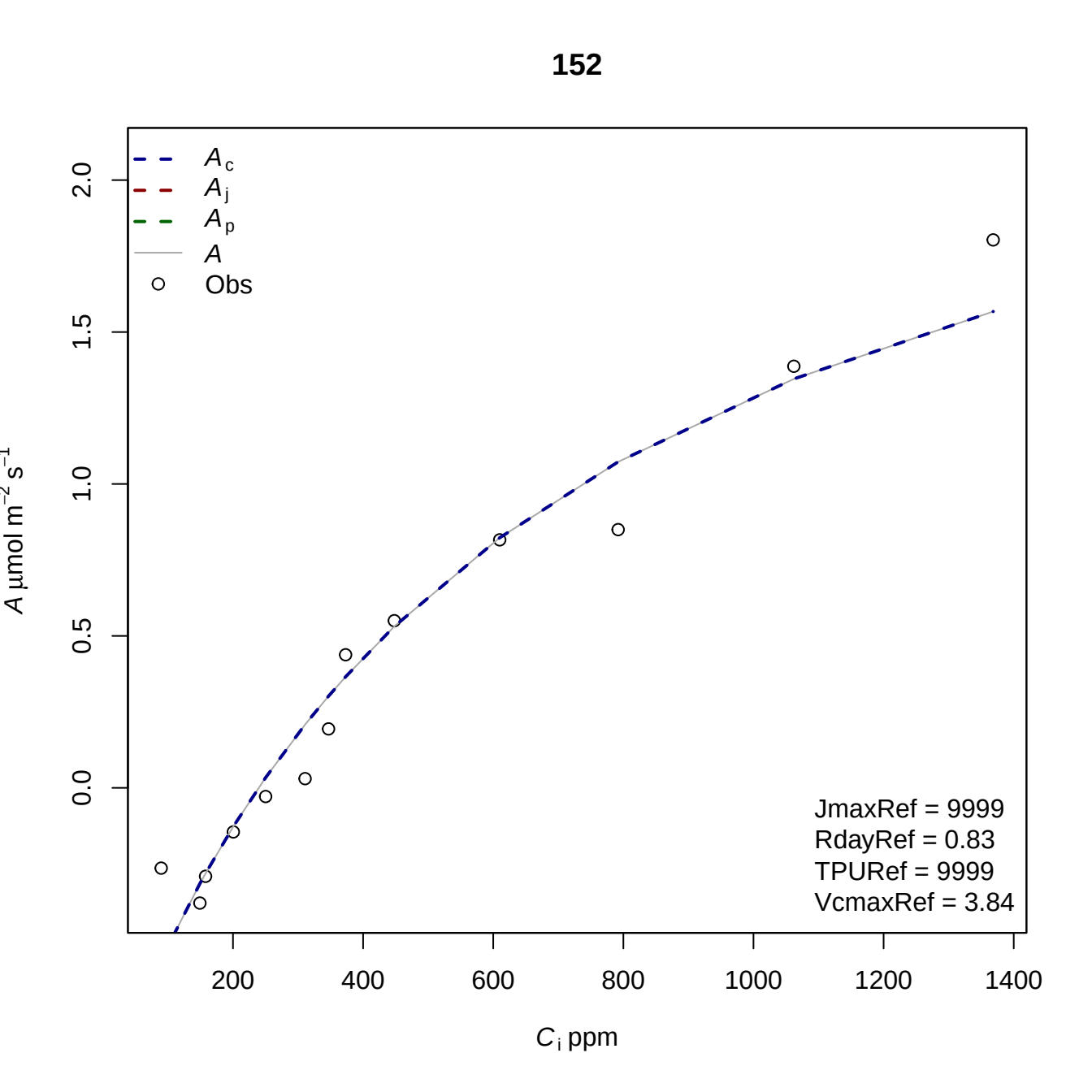

144
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.42
TPURef = 6.65
VcmaxRef = 46.24
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

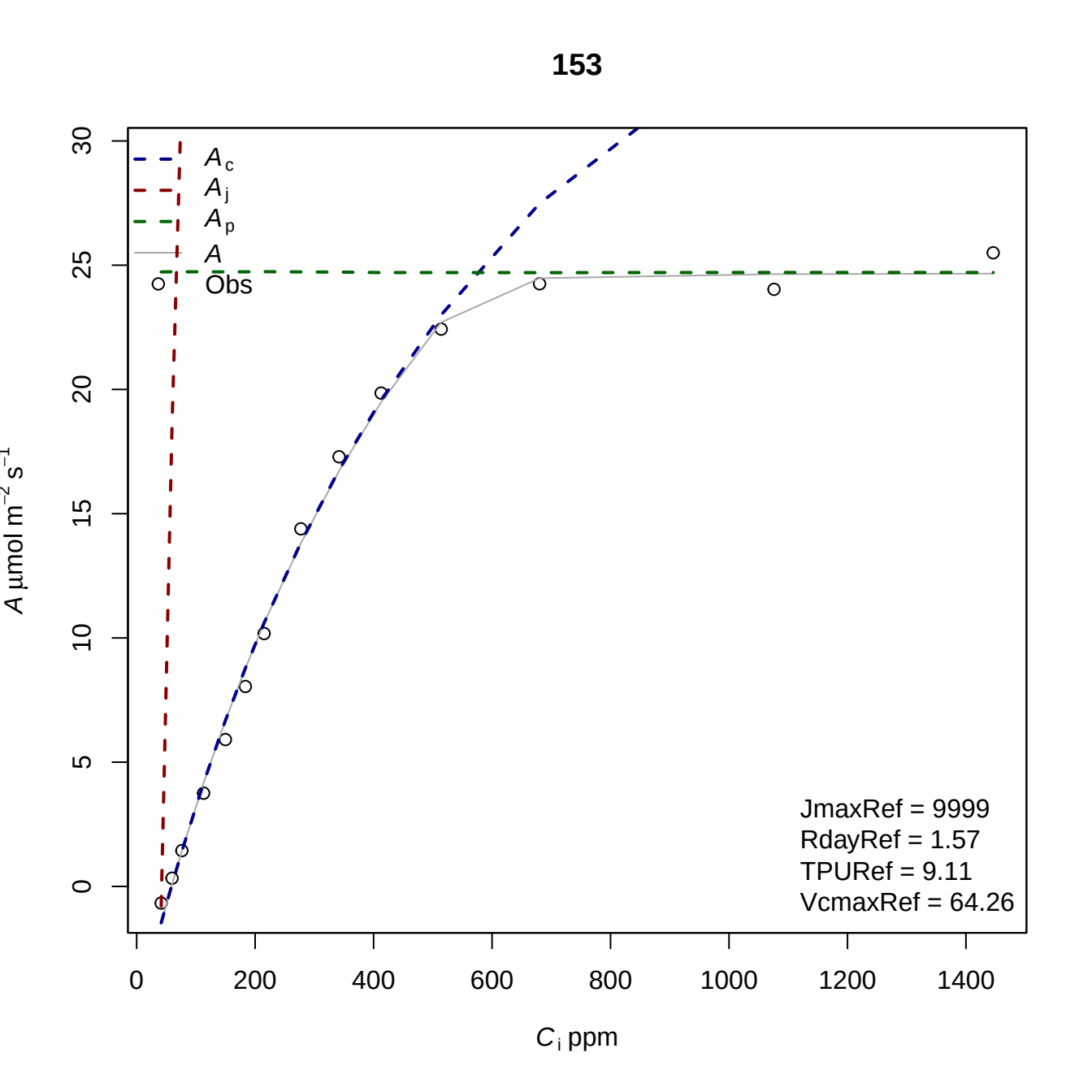

145
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.8
TPURef = 11.79
VcmaxRef = 68.74
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
500
1000
1500

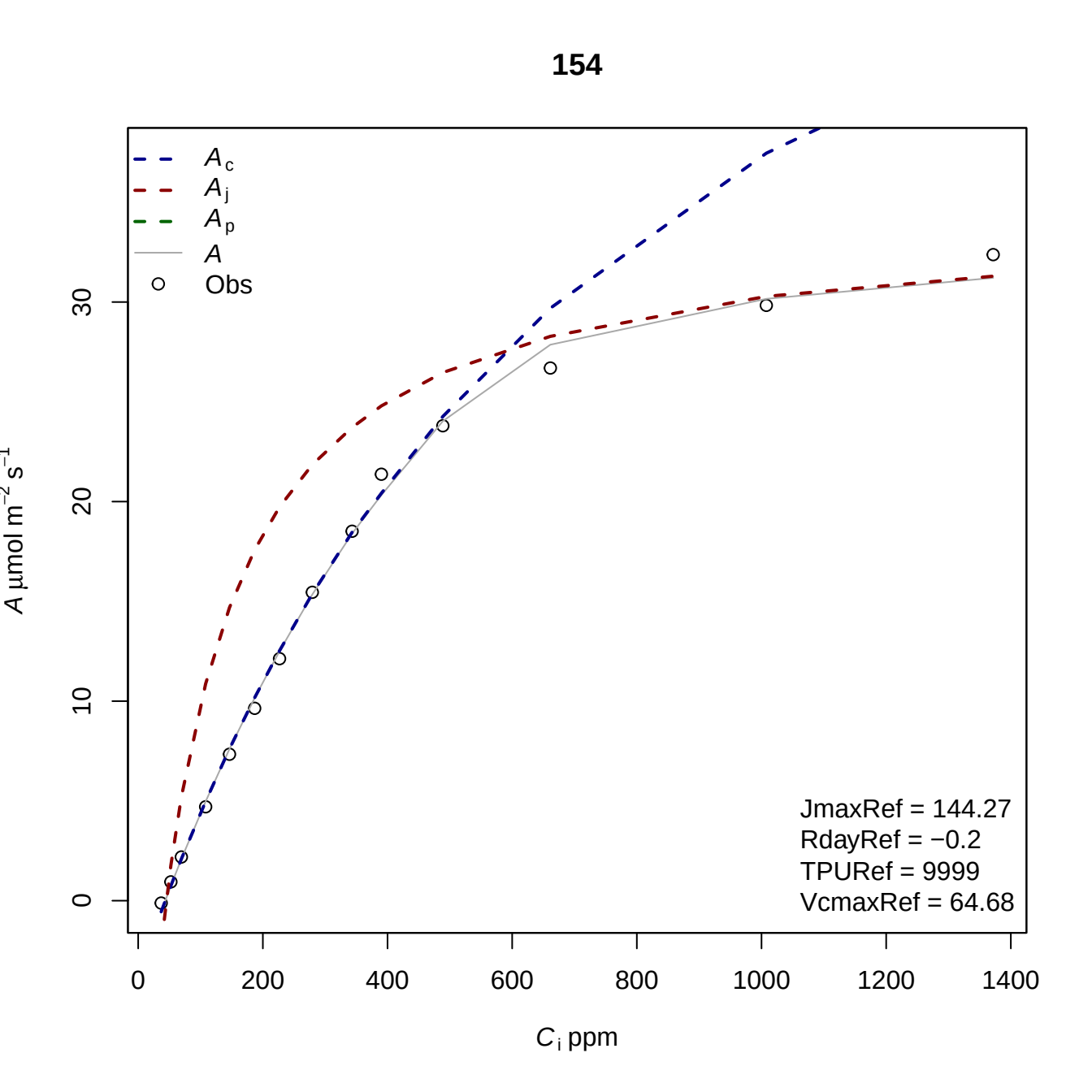

146
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.42
TPURef = 9.6
VcmaxRef = 84.43
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

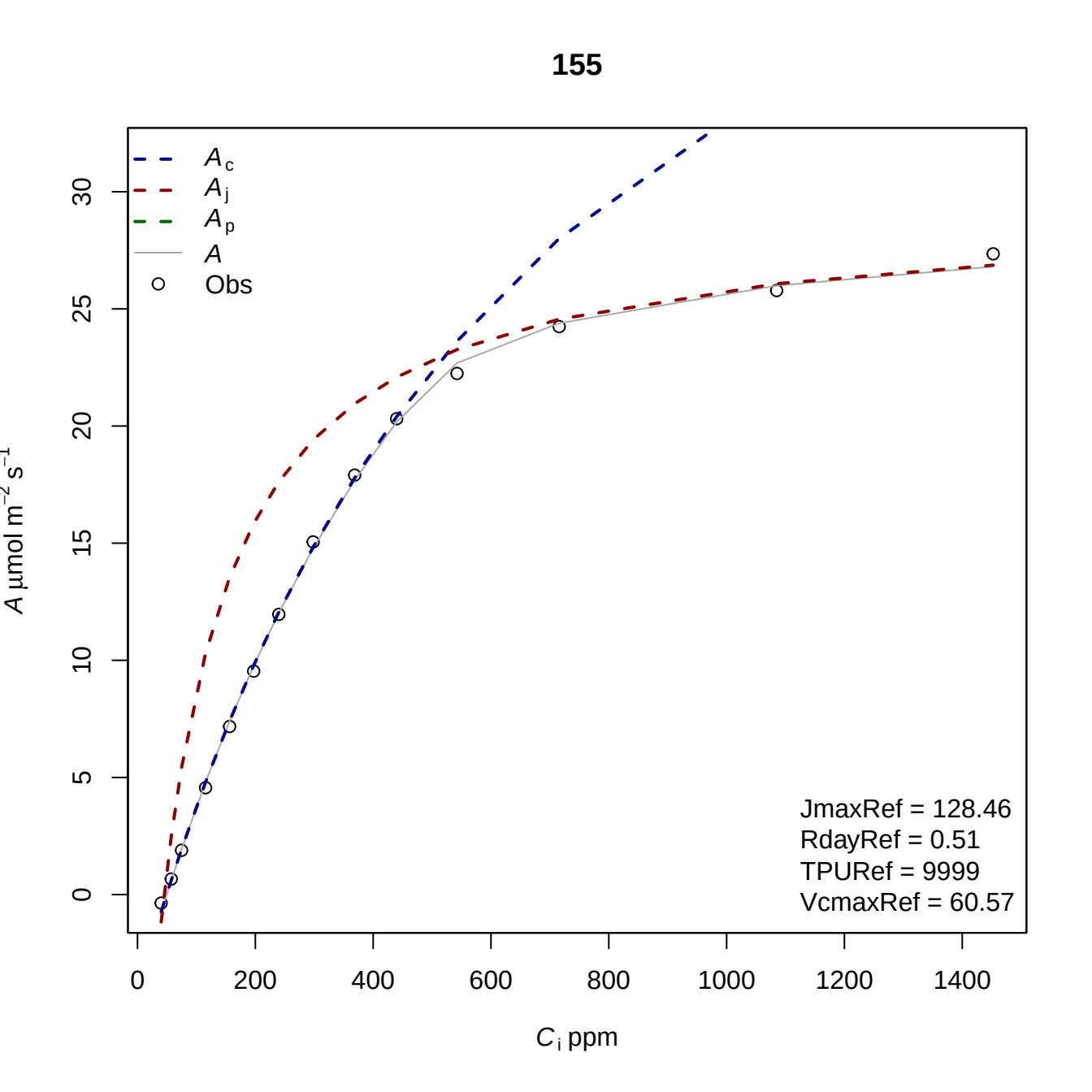

147
A_c
A_j
A_p
A
Obs
JmaxRef = 172.6
RdayRef = −1.65
TPURef = 9999
VcmaxRef = 68.01
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
500
1000
1500

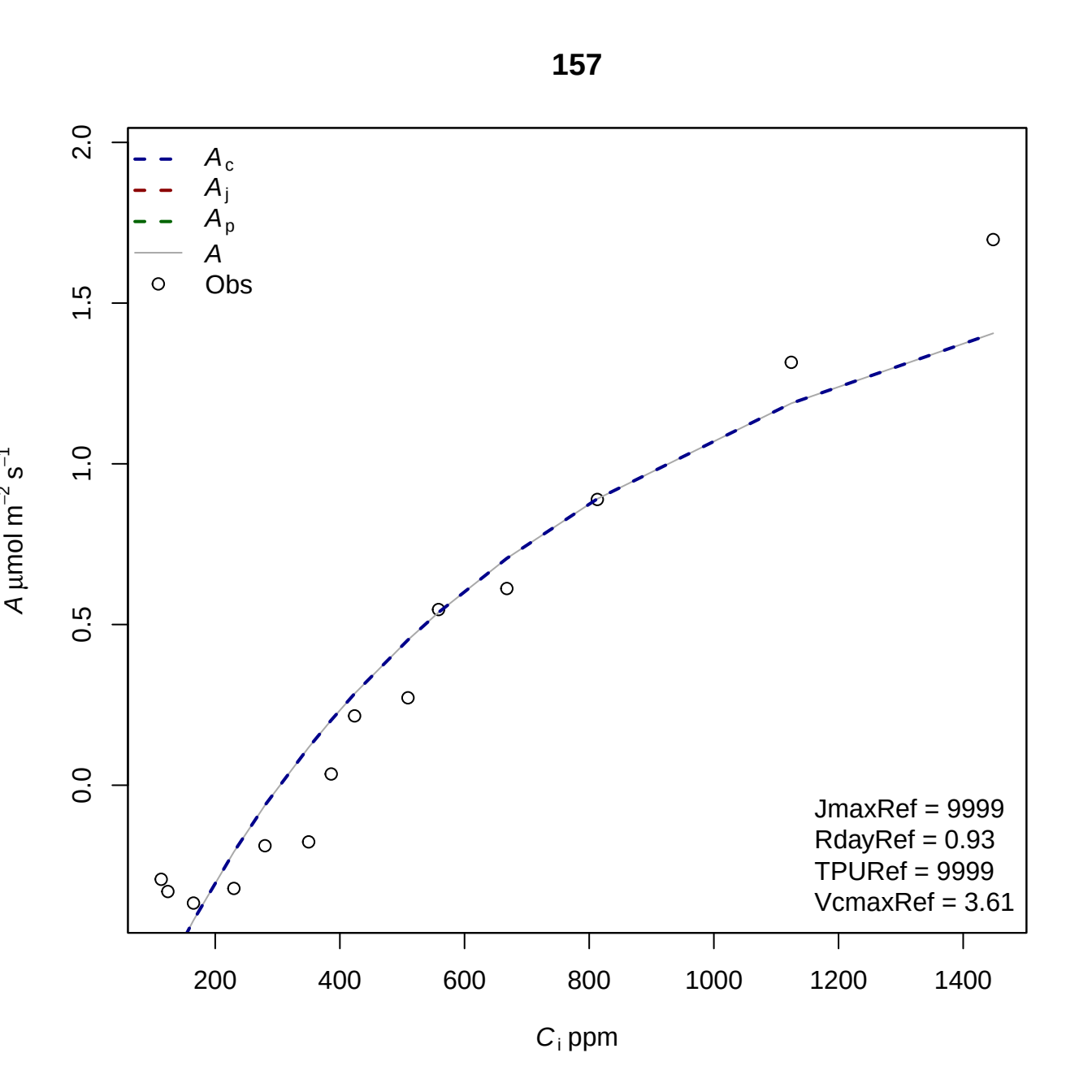

150
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.54
TPURef = 9999
VcmaxRef = 1.9
A µmol m^{-2} s^{-1}
C_i ppm
−0.4
−0.2
0.0
0.2
0.4
0.6
200
400
600
800
1000
1200

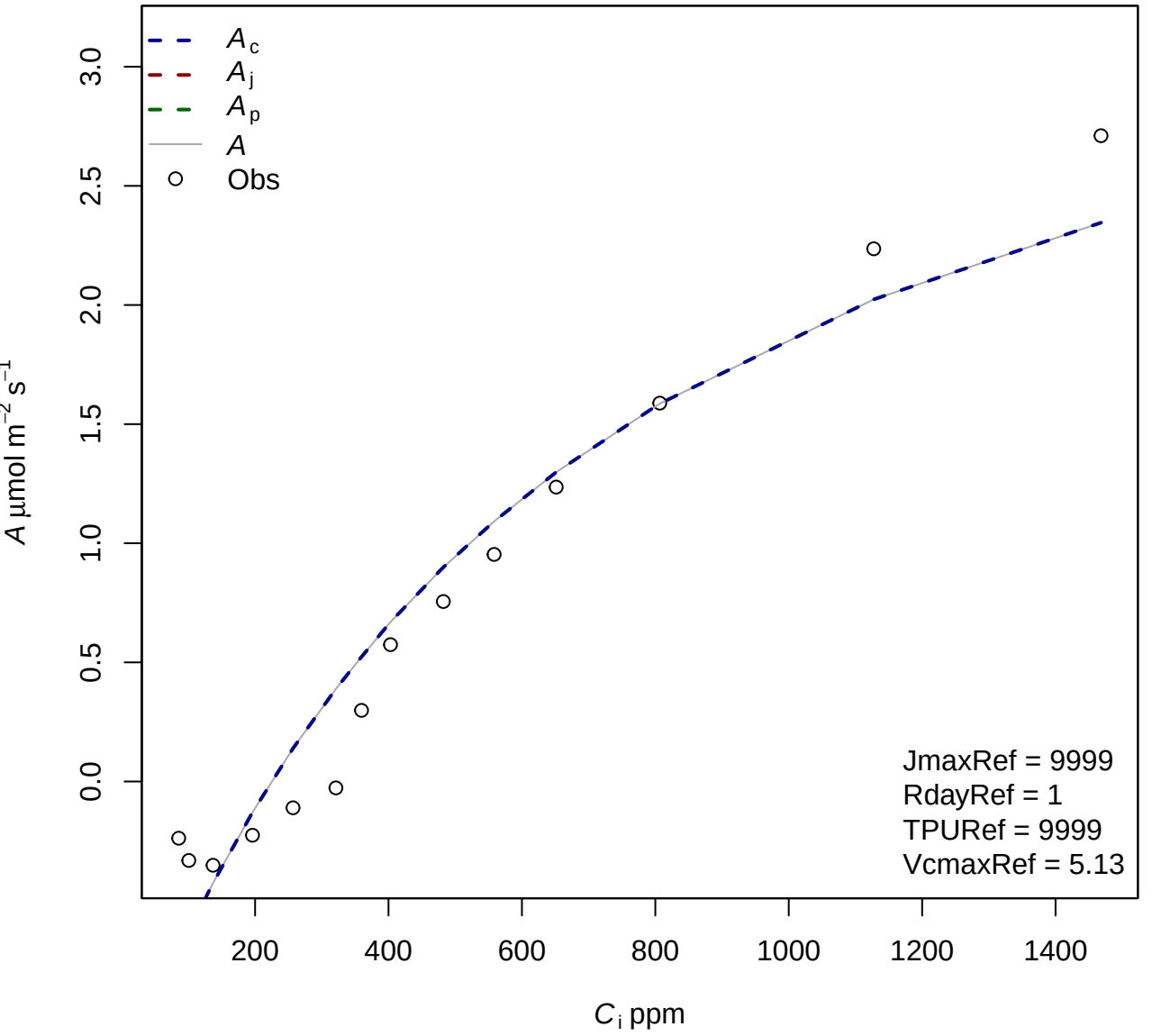

152
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.83
TPURef = 9999
VcmaxRef = 3.84
A µmol m^{-2} s^{-1}
C_i ppm
0.0
0.5
1.0
1.5
2.0
200
400
600
800
1000
1200
1400

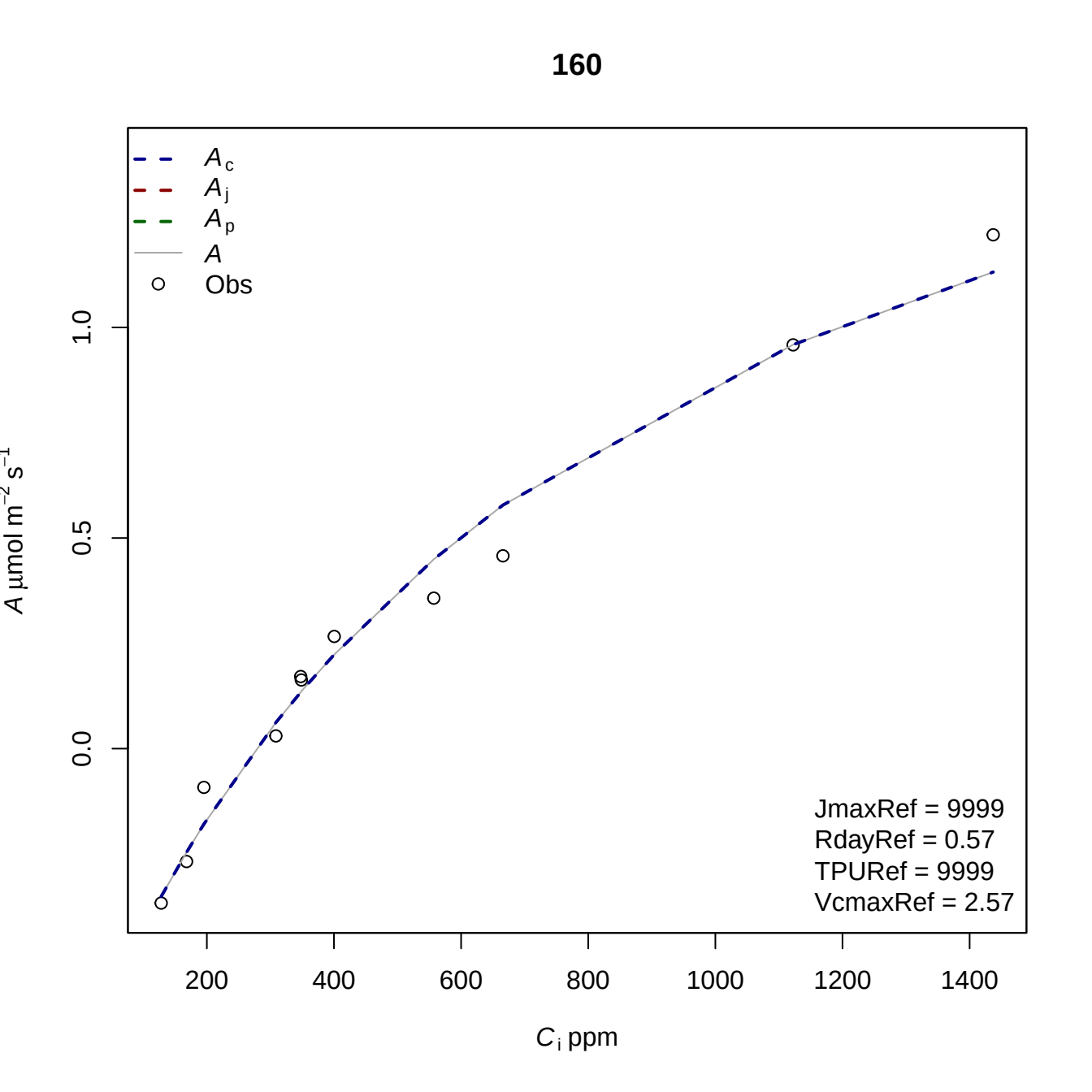

153
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.57
TPURef = 9.11
VcmaxRef = 64.26
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

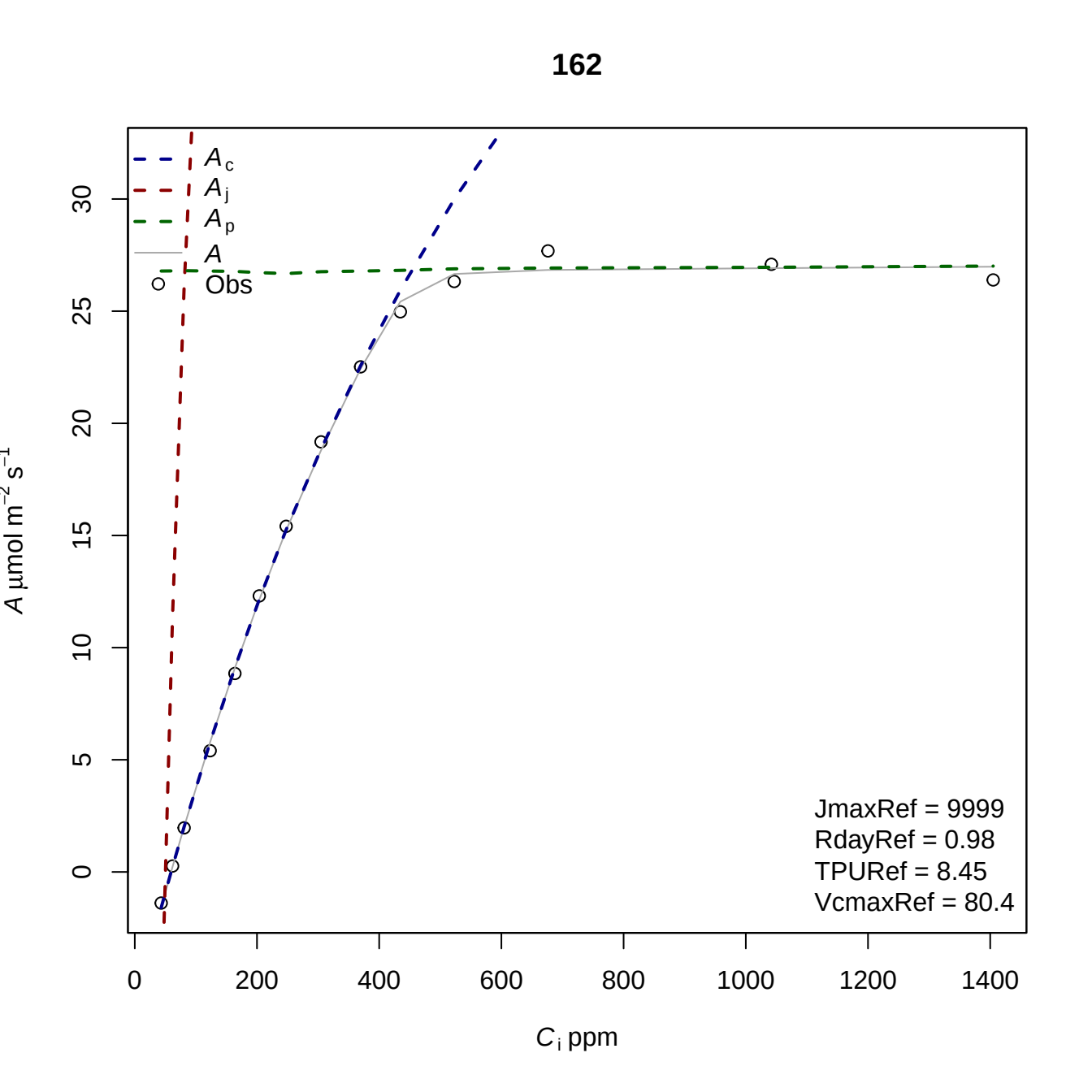

154
A_c
A_j
A_p
A
Obs
JmaxRef = 144.27
RdayRef = −0.2
TPURef = 9999
VcmaxRef = 64.68
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
0
200
400
600
800
1000
1200
1400

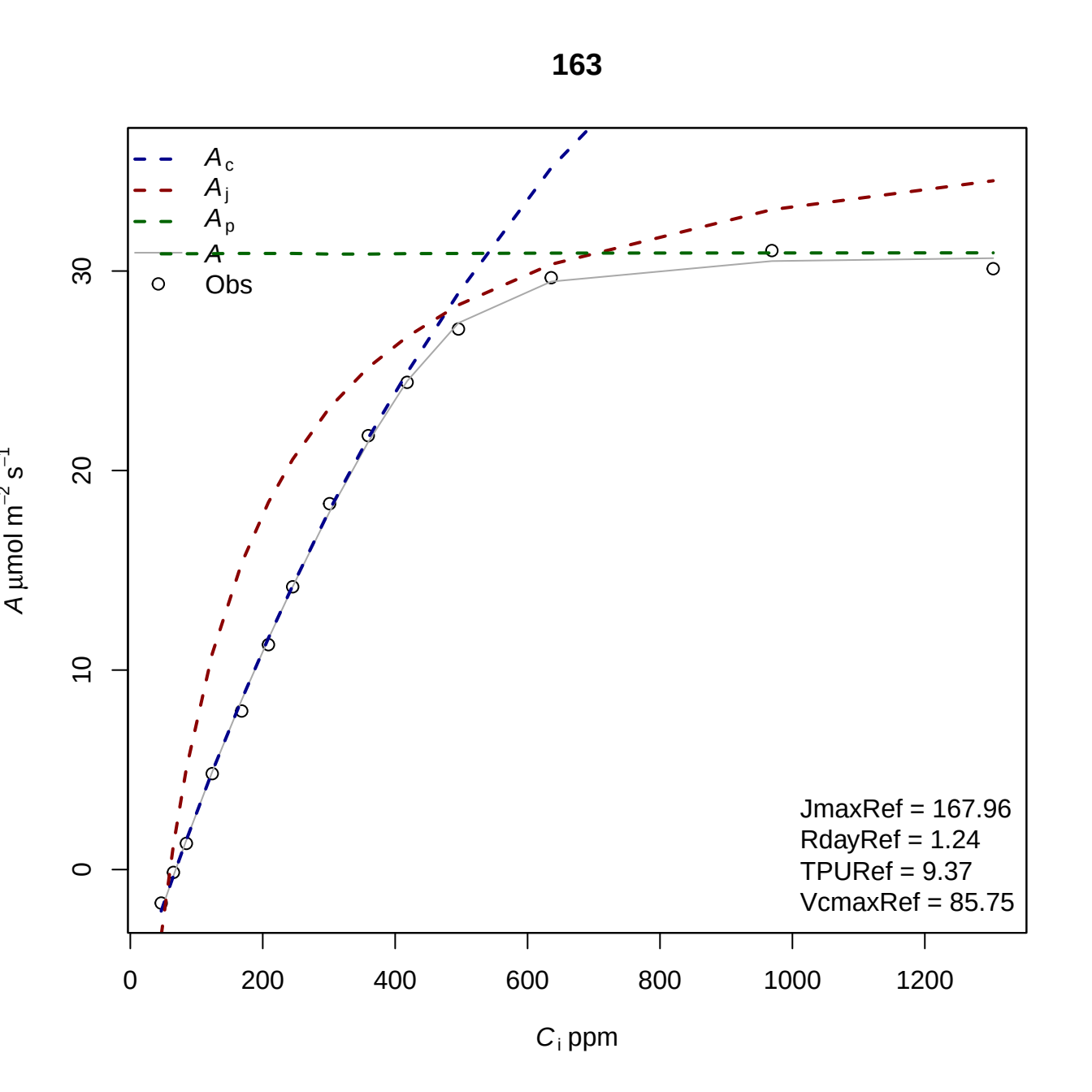

155
A_c
A_j
A_p
A
Obs
JmaxRef = 128.46
RdayRef = 0.51
TPURef = 9999
VcmaxRef = 60.57
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

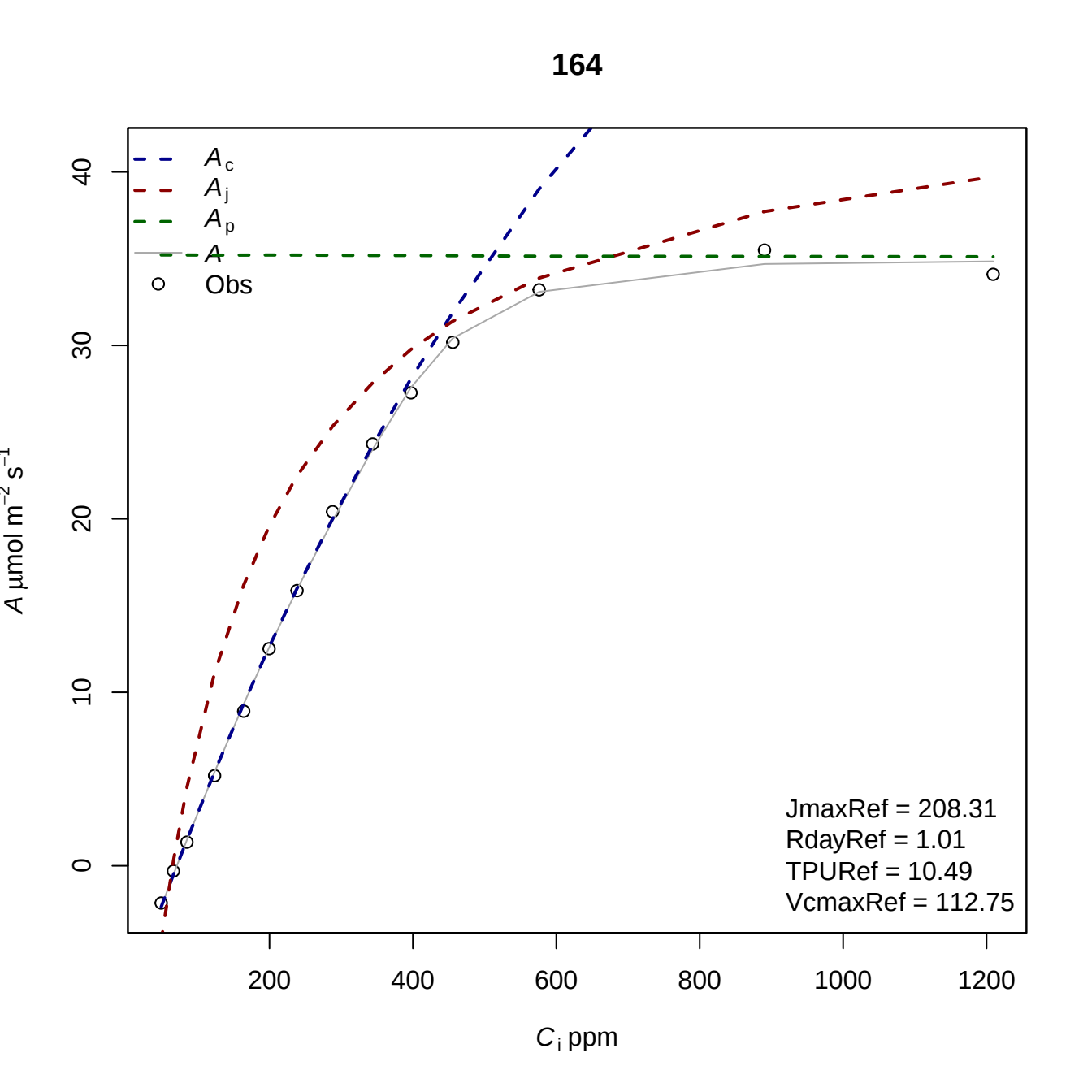

157
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.93
TPURef = 9999
VcmaxRef = 3.61
A µmol m^{-2} s^{-1}
C_i ppm
0.0
0.5
1.0
1.5
2.0
200
400
600
800
1000
1200
1400

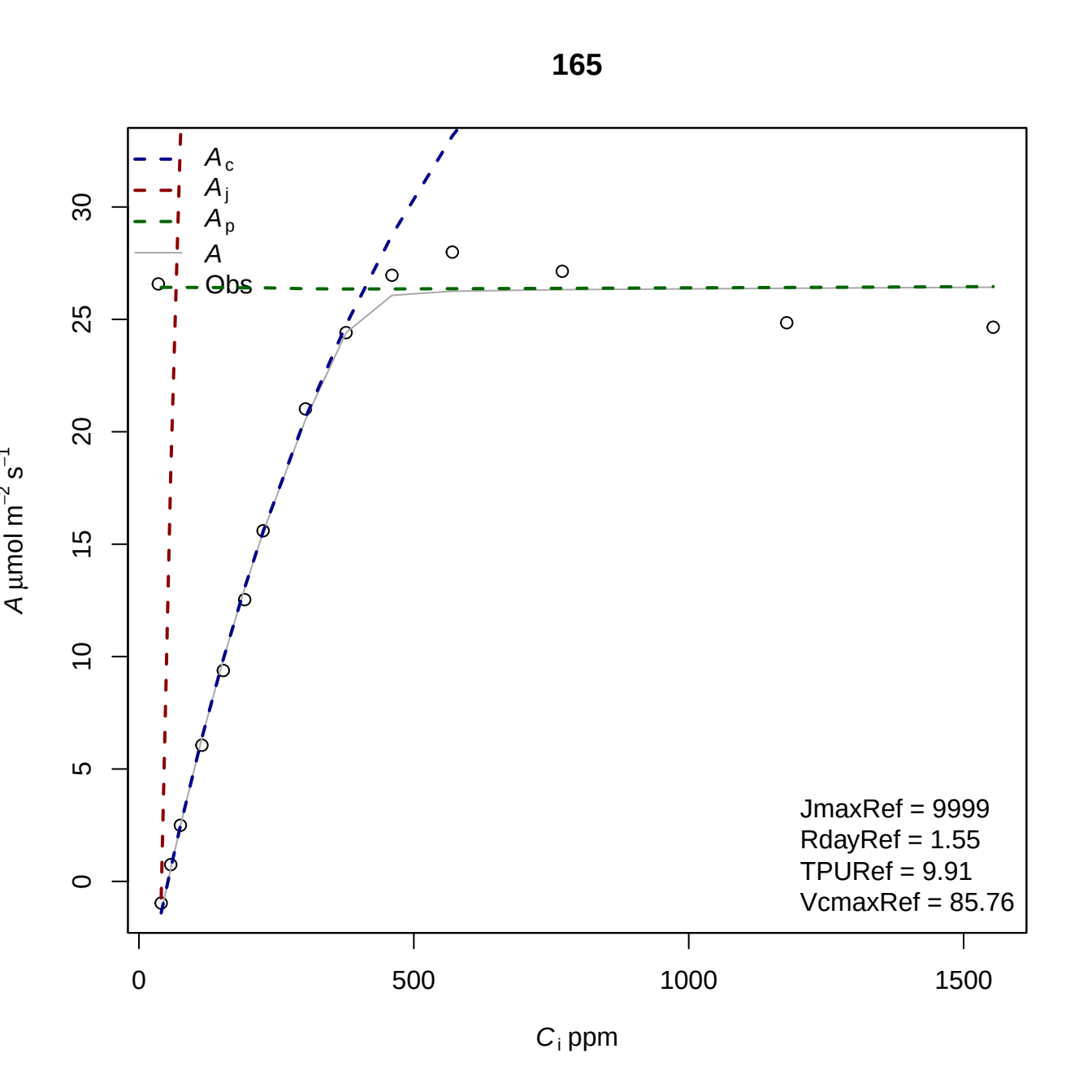

A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1
TPURef = 9999
VcmaxRef = 5.13
A µmol m^{-2} s^{-1}
0.0
0.5
1.0
1.5
2.0
2.5
3.0
200
400
600
800
1000
1200
1400
C_i ppm

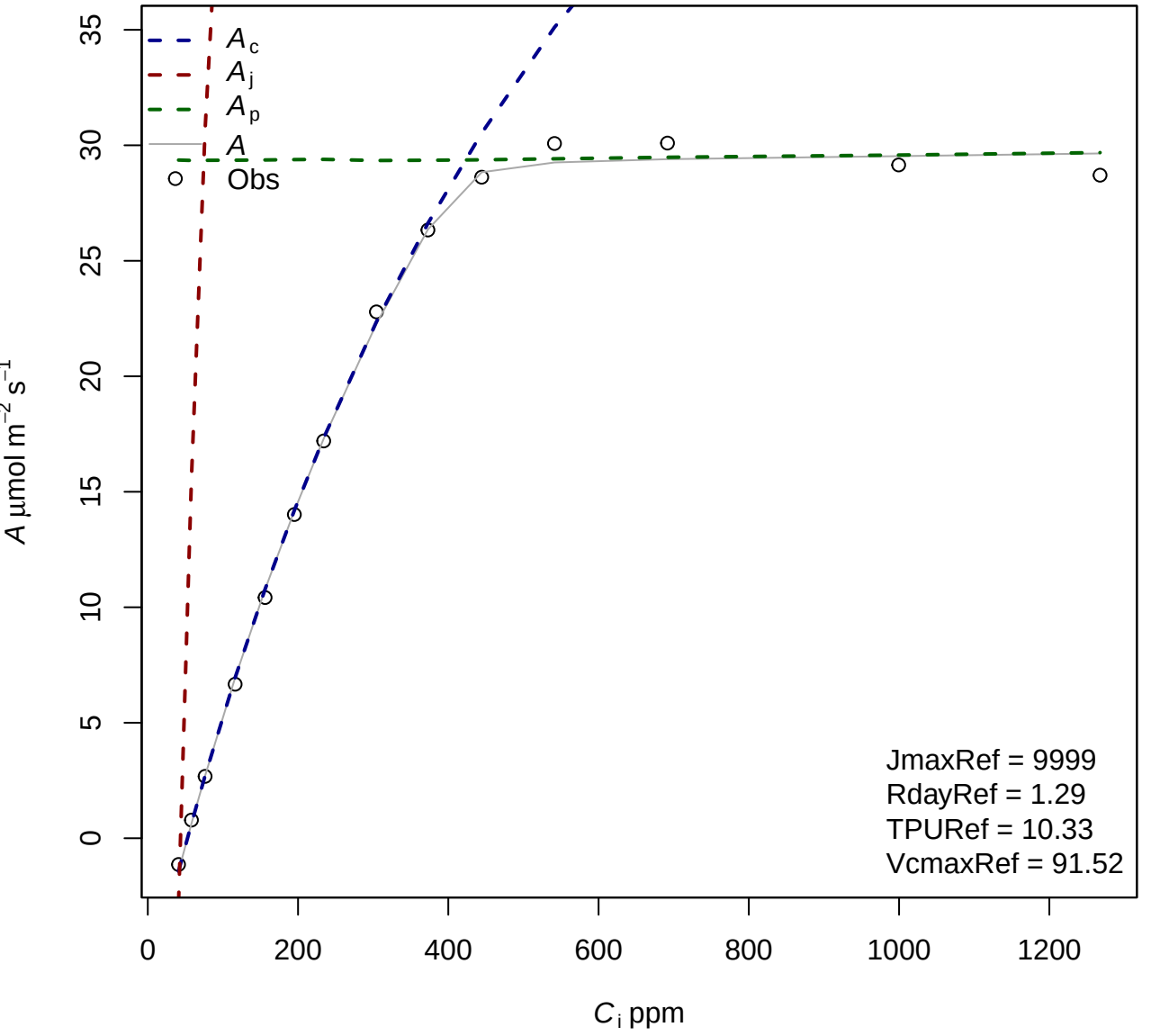

160
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.57
TPURef = 9999
VcmaxRef = 2.57
A µmol m^{-2} s^{-1}
0.0
0.5
1.0
200
400
600
800
1000
1200
1400
C_i ppm

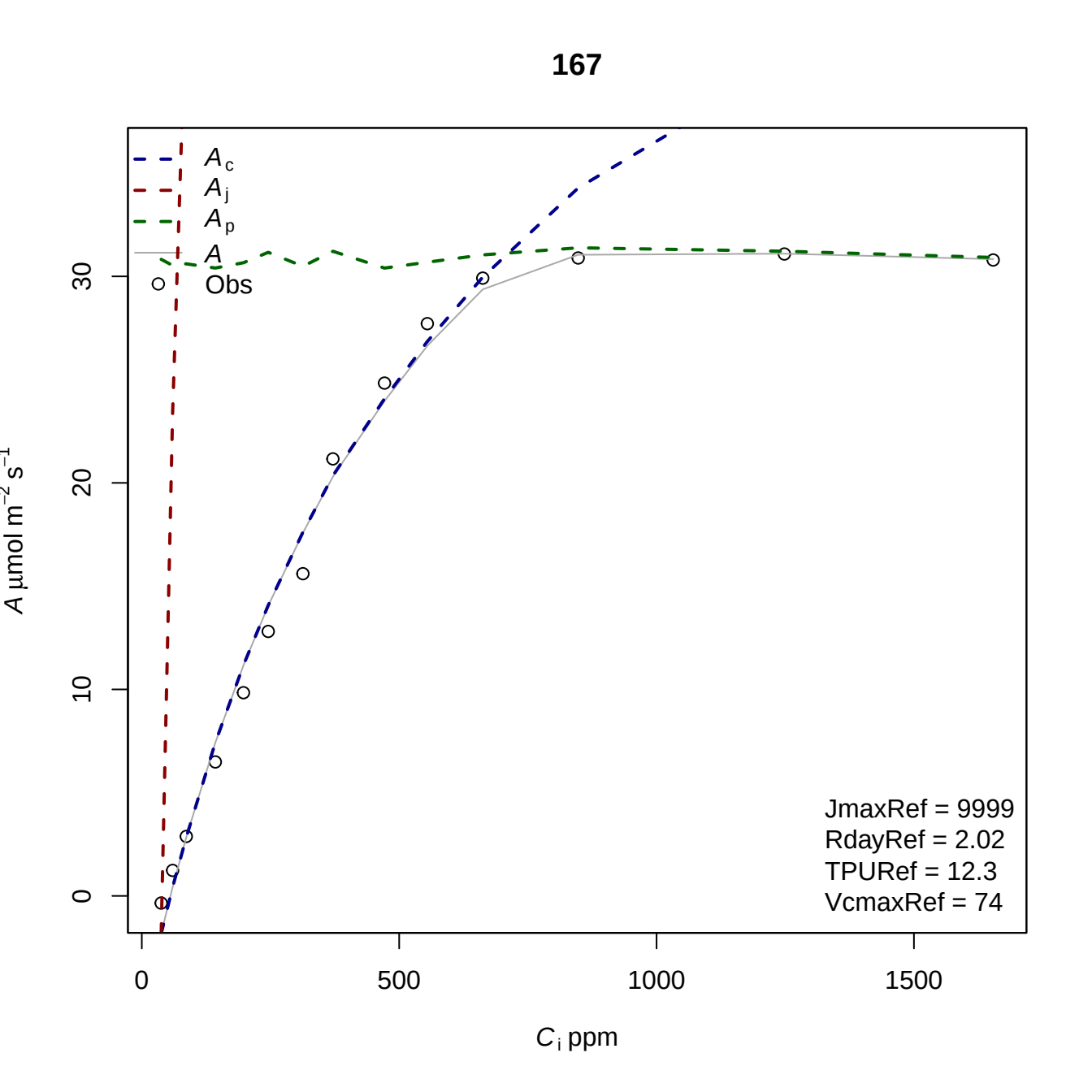

162
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.98
TPURef = 8.45
VcmaxRef = 80.4
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

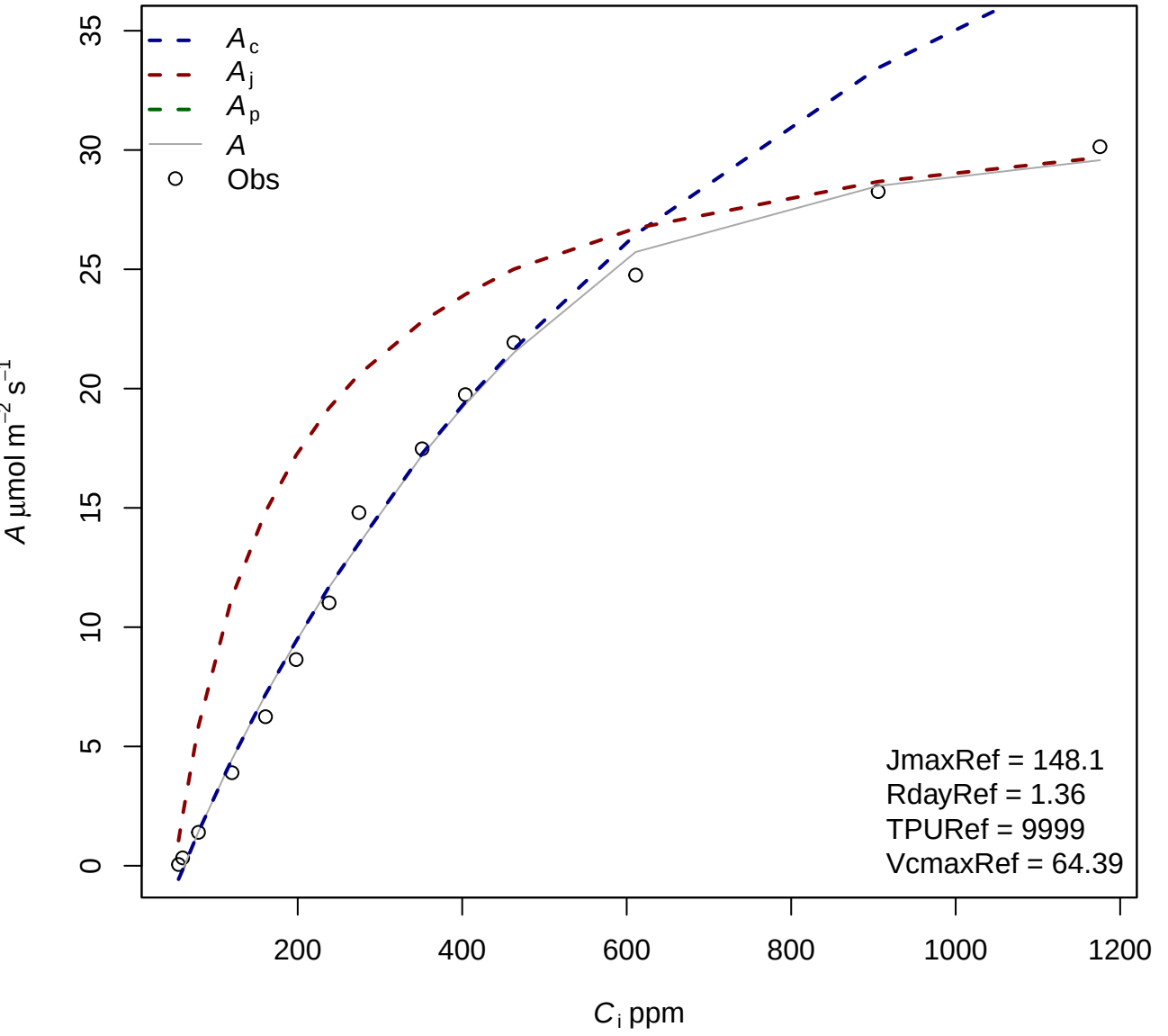

163
A_c
A_j
A_p
A
Obs
JmaxRef = 167.96
RdayRef = 1.24
TPURef = 9.37
VcmaxRef = 85.75
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
0
200
400
600
800
1000
1200

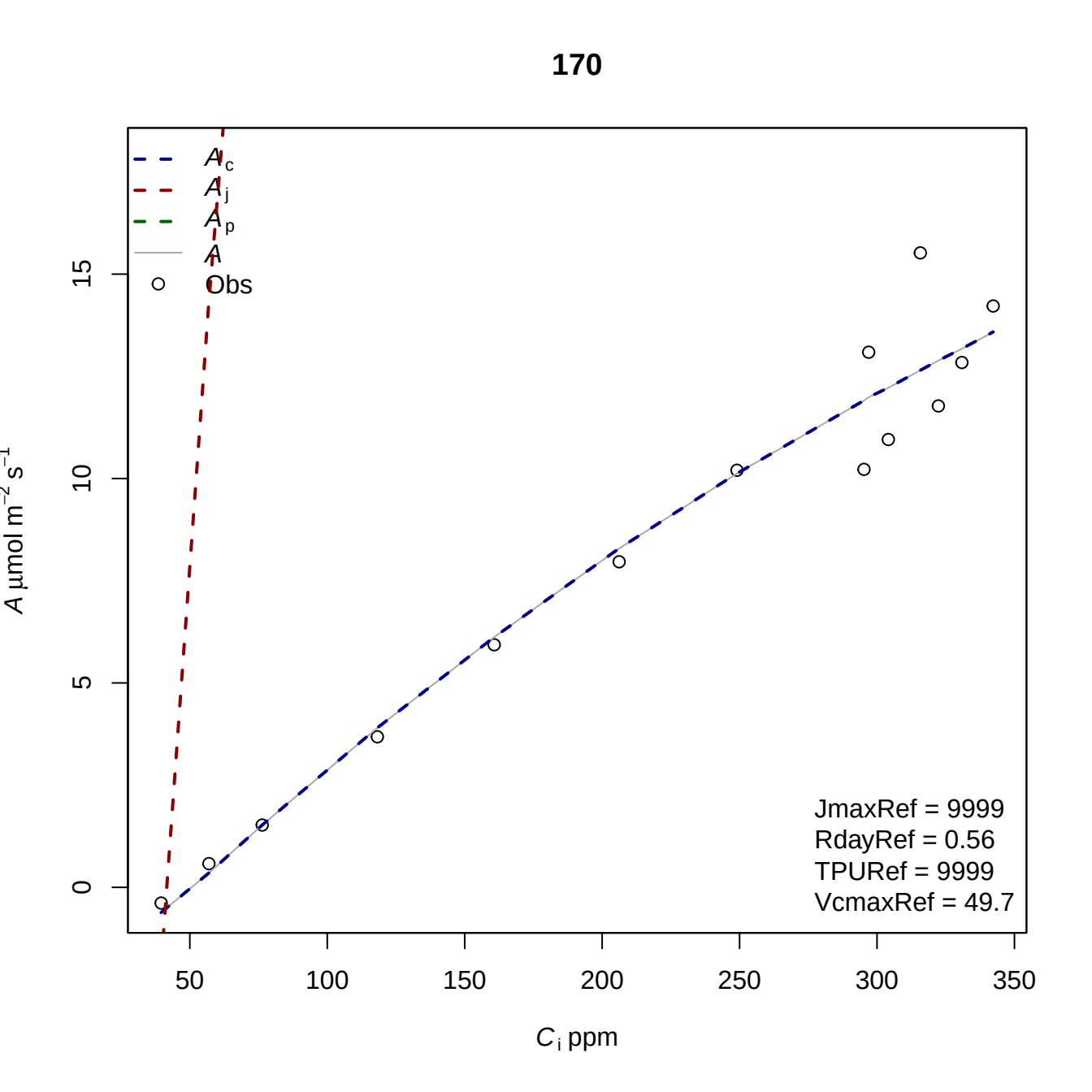

164
A_c
A_j
A_p
A
Obs
JmaxRef = 208.31
RdayRef = 1.01
TPURef = 10.49
VcmaxRef = 112.75
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
200
400
600
800
1000
1200

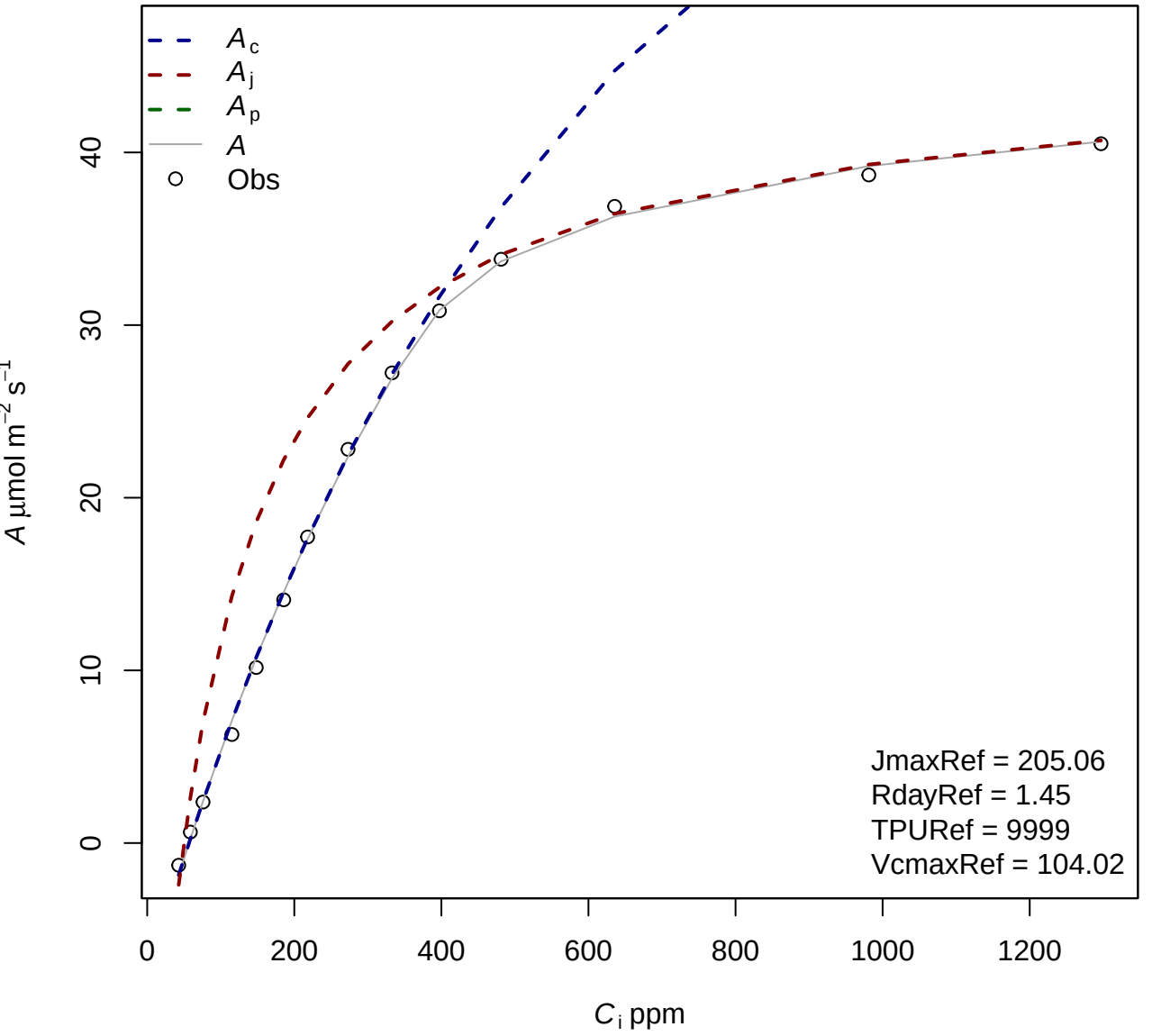

165
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.55
TPURef = 9.91
VcmaxRef = 85.76
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

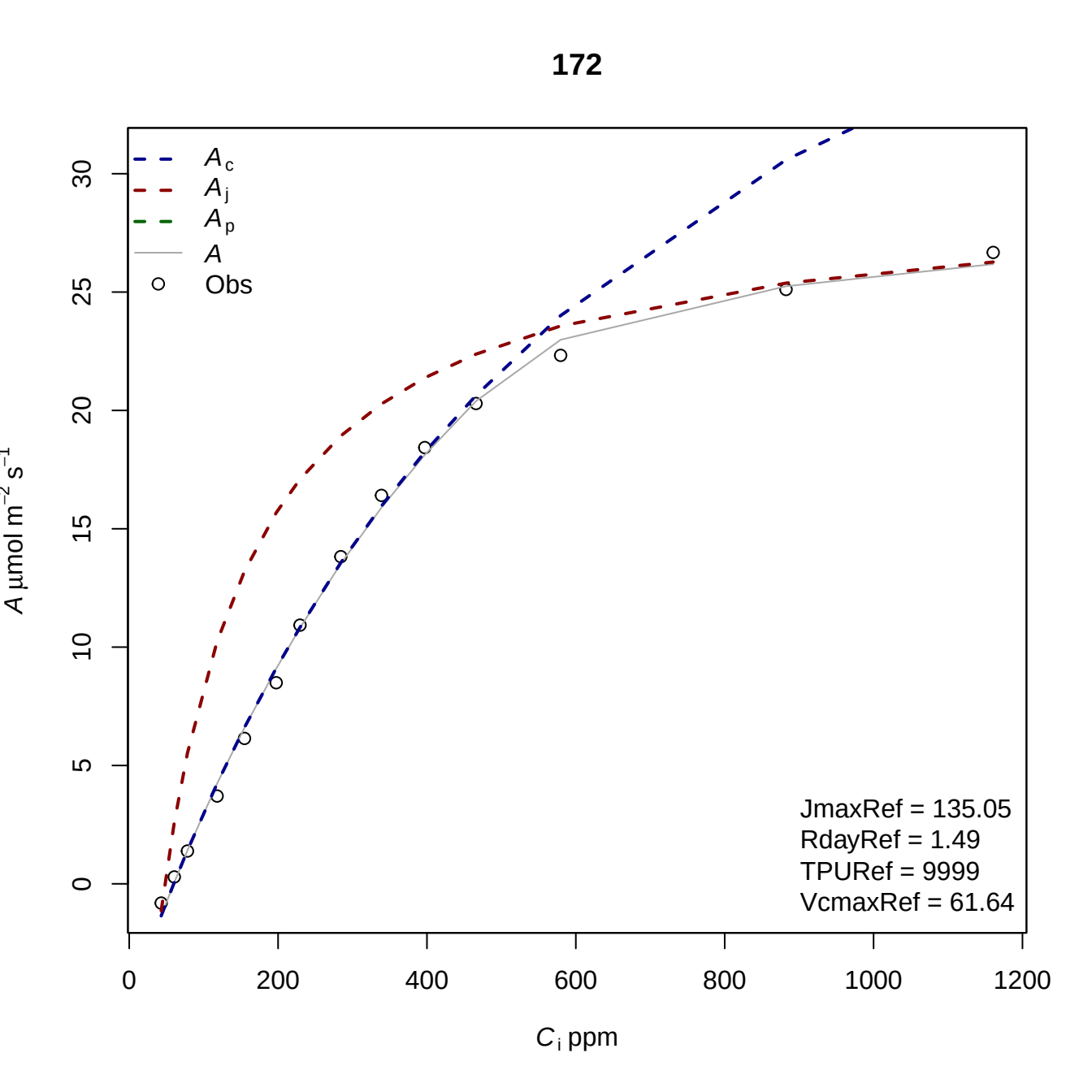

A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.29
TPURef = 10.33
VcmaxRef = 91.52
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
200
400
600
800
1000
1200

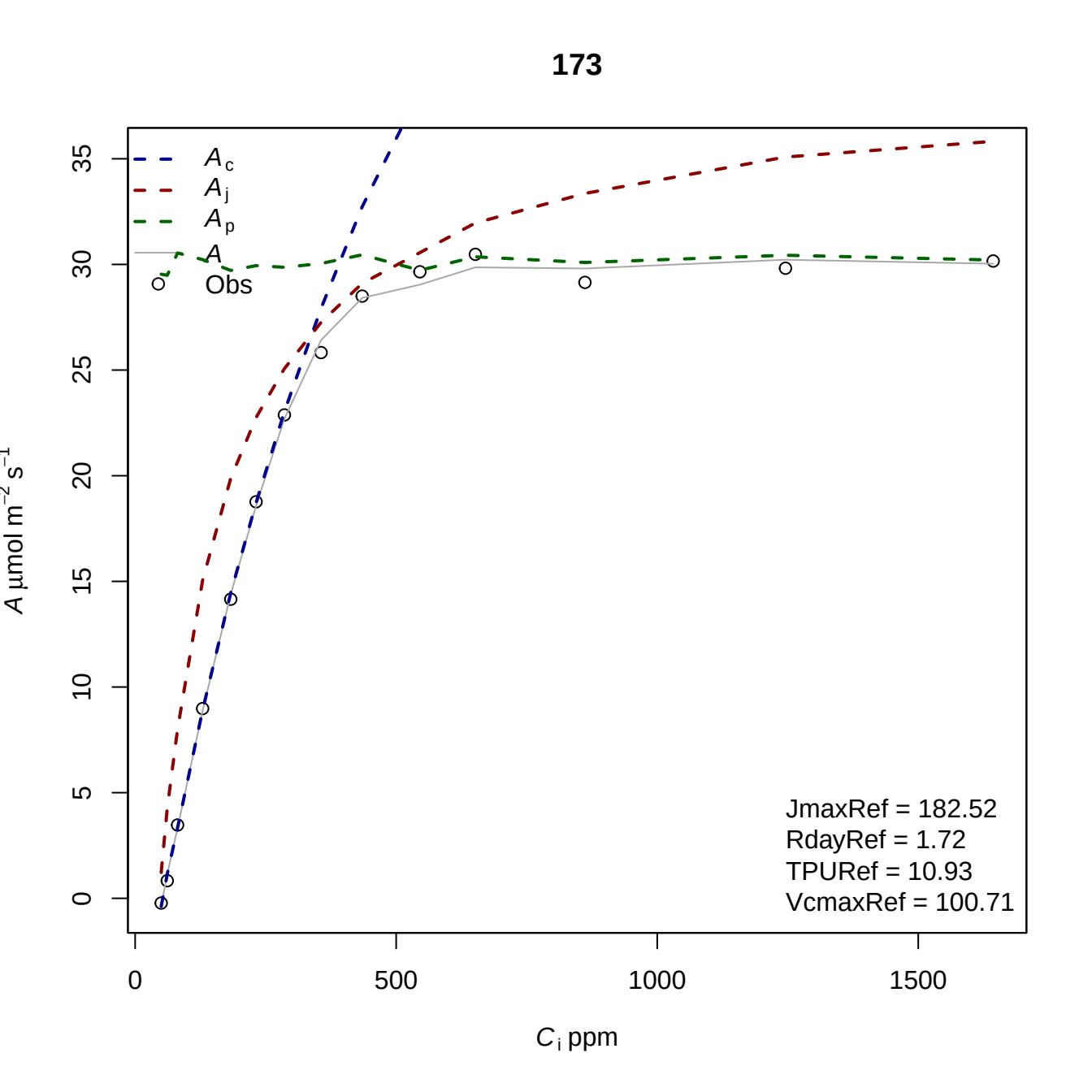

167
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 2.02
TPURef = 12.3
VcmaxRef = 74
A µmol m^{-2} s^{-1}
0
10
20
30
0
500
1000
1500
C_i ppm

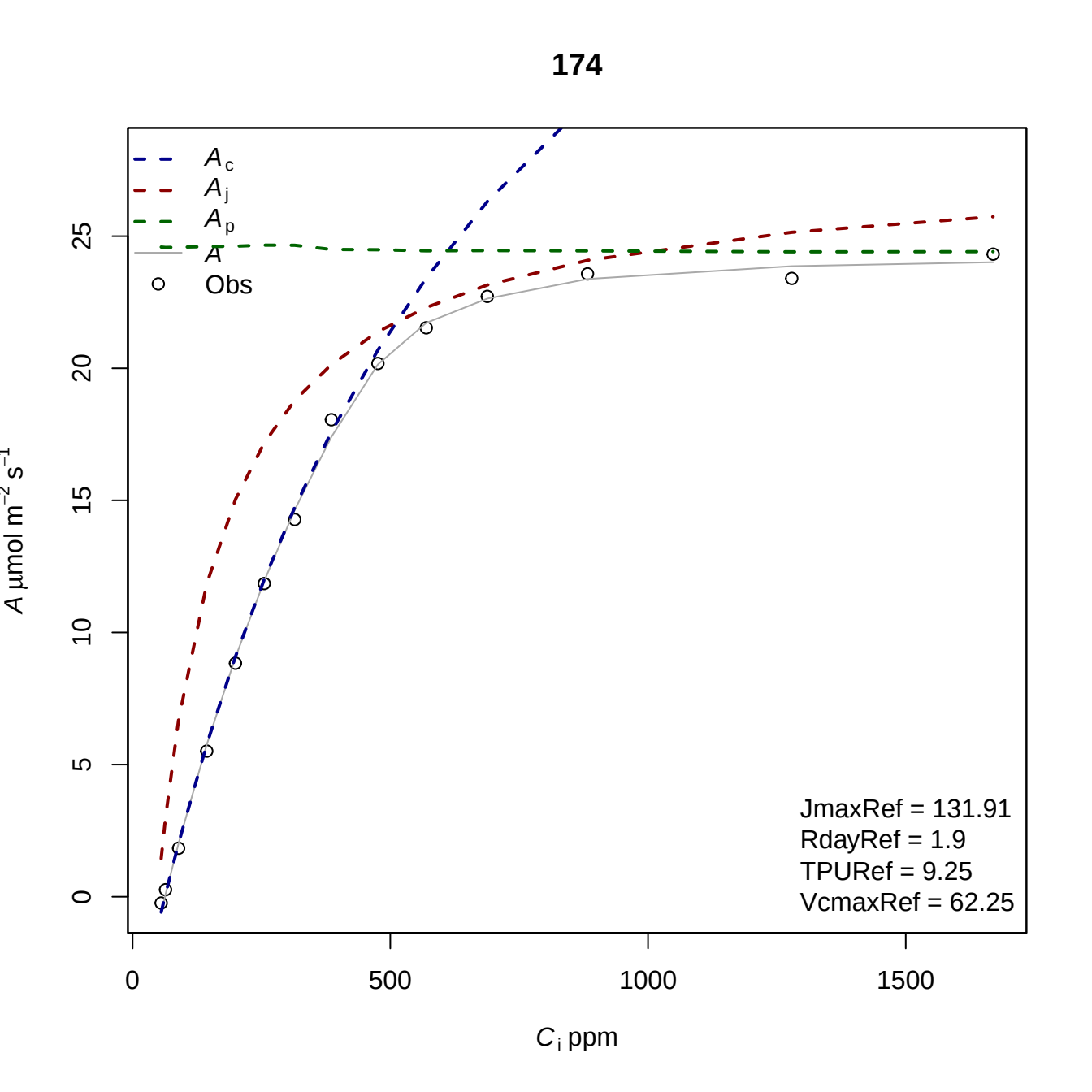

A_c
A_j
A_p
A
Obs
JmaxRef = 148.1
RdayRef = 1.36
TPURef = 9999
VcmaxRef = 64.39
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
200
400
600
800
1000
1200

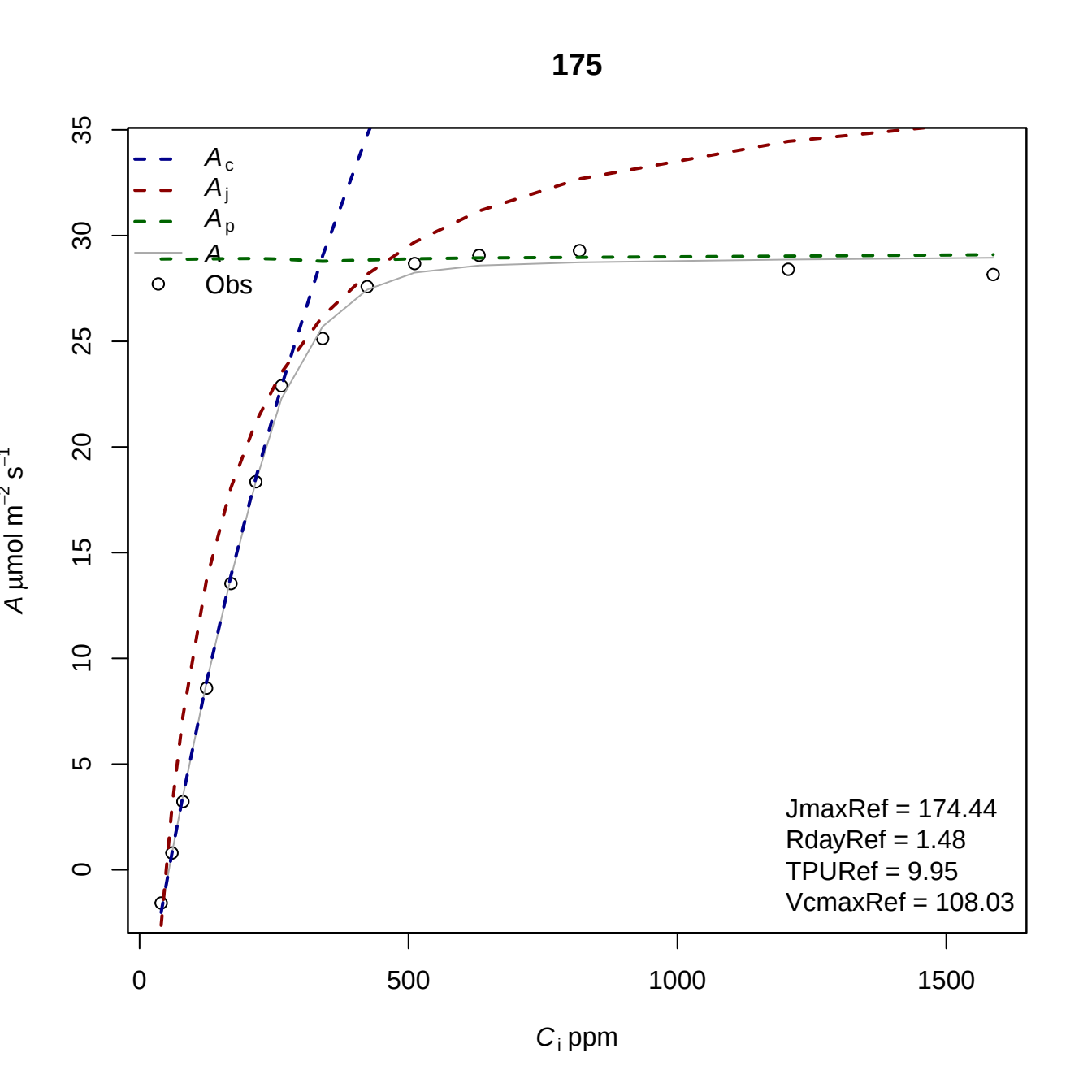

170
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.56
TPURef = 9999
VcmaxRef = 49.7
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
50
100
150
200
250
300
350

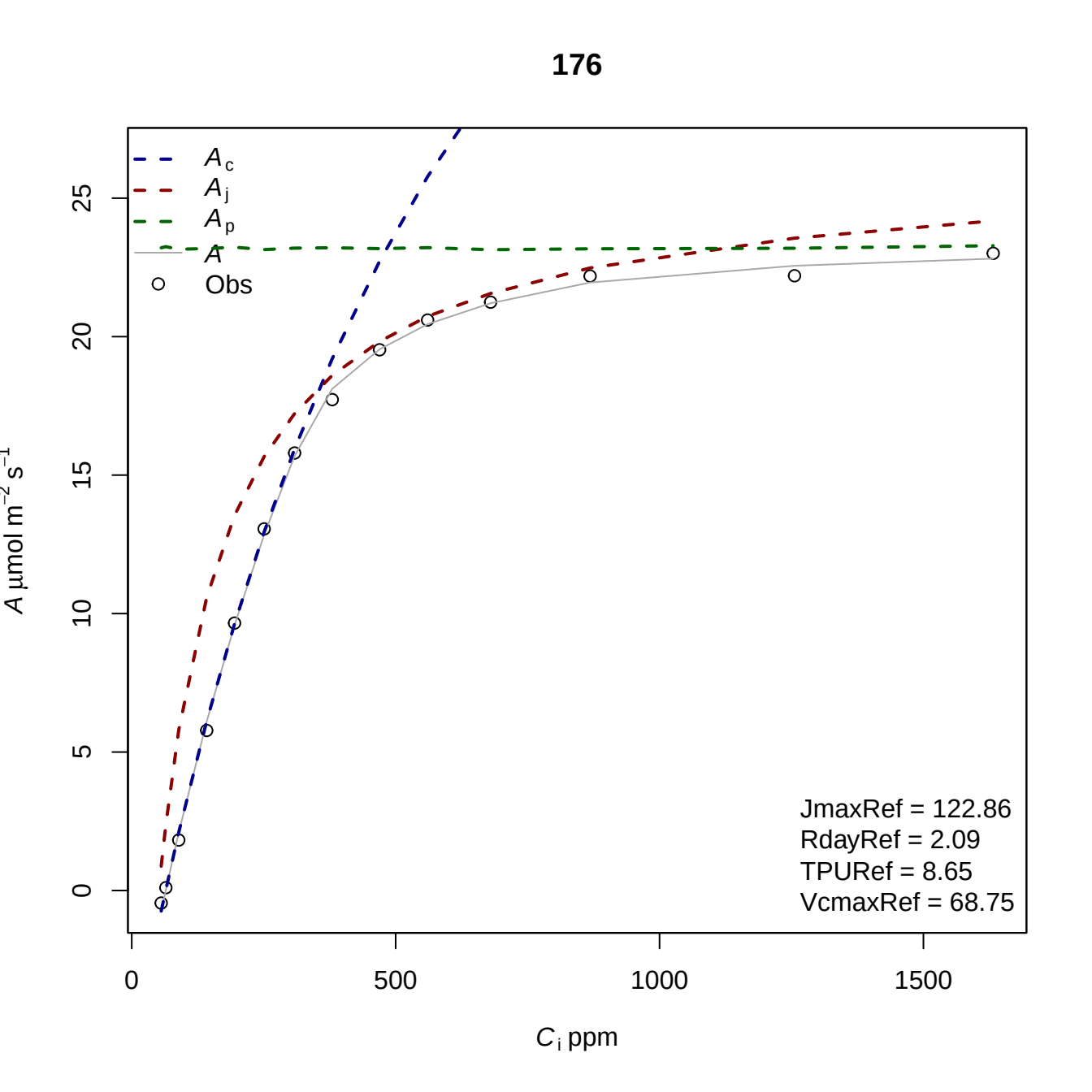

A_c
A_j
A_p
A
Obs
JmaxRef = 205.06
RdayRef = 1.45
TPURef = 9999
VcmaxRef = 104.02
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000
1200

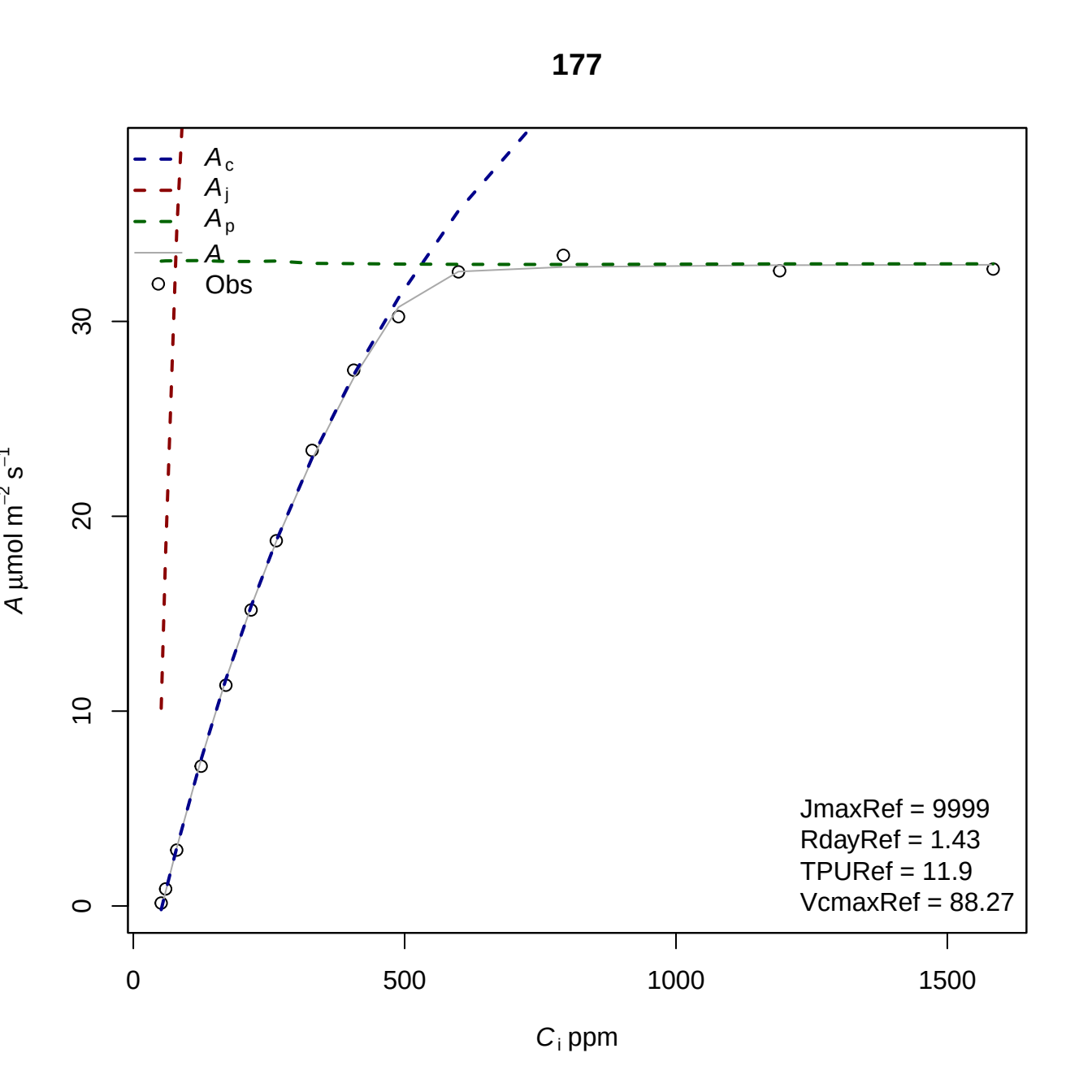

172
A_c
A_j
A_p
A
Obs
JmaxRef = 135.05
RdayRef = 1.49
TPURef = 9999
VcmaxRef = 61.64
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

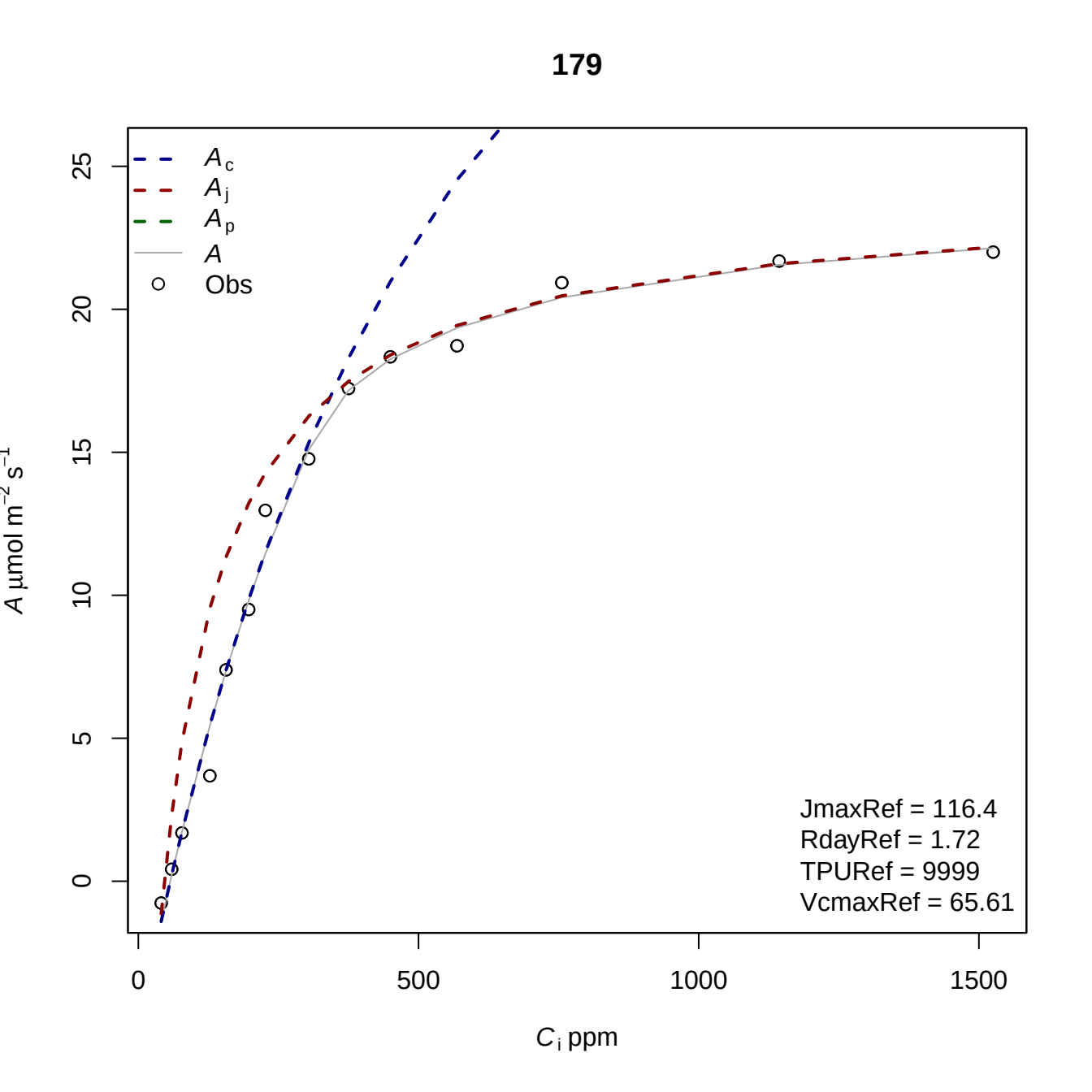

173
A_c
A_j
A_p
A
Obs
JmaxRef = 182.52
RdayRef = 1.72
TPURef = 10.93
VcmaxRef = 100.71
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
500
1000
1500

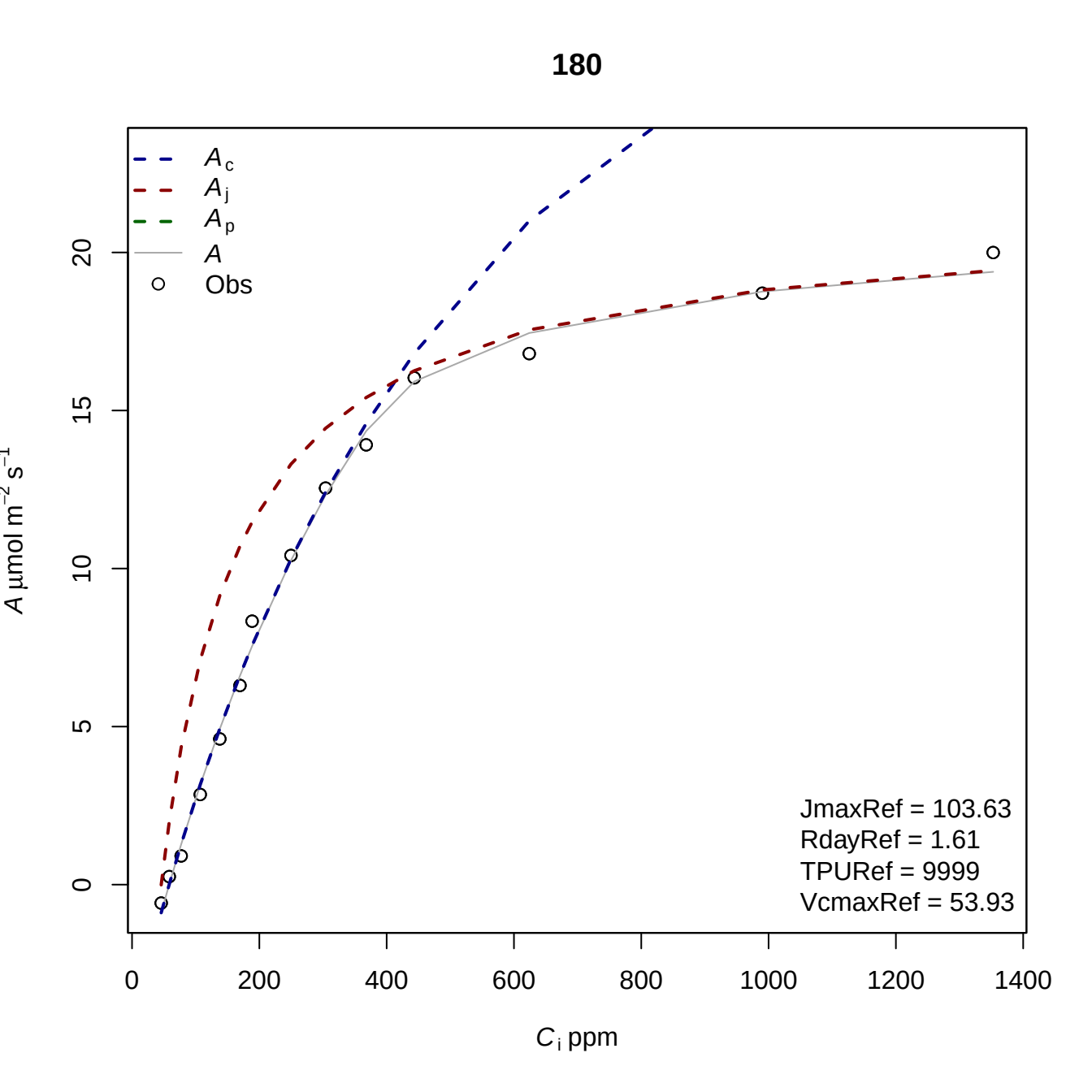

174
A_c
A_j
A_p
A
Obs
JmaxRef = 131.91
RdayRef = 1.9
TPURef = 9.25
VcmaxRef = 62.25
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

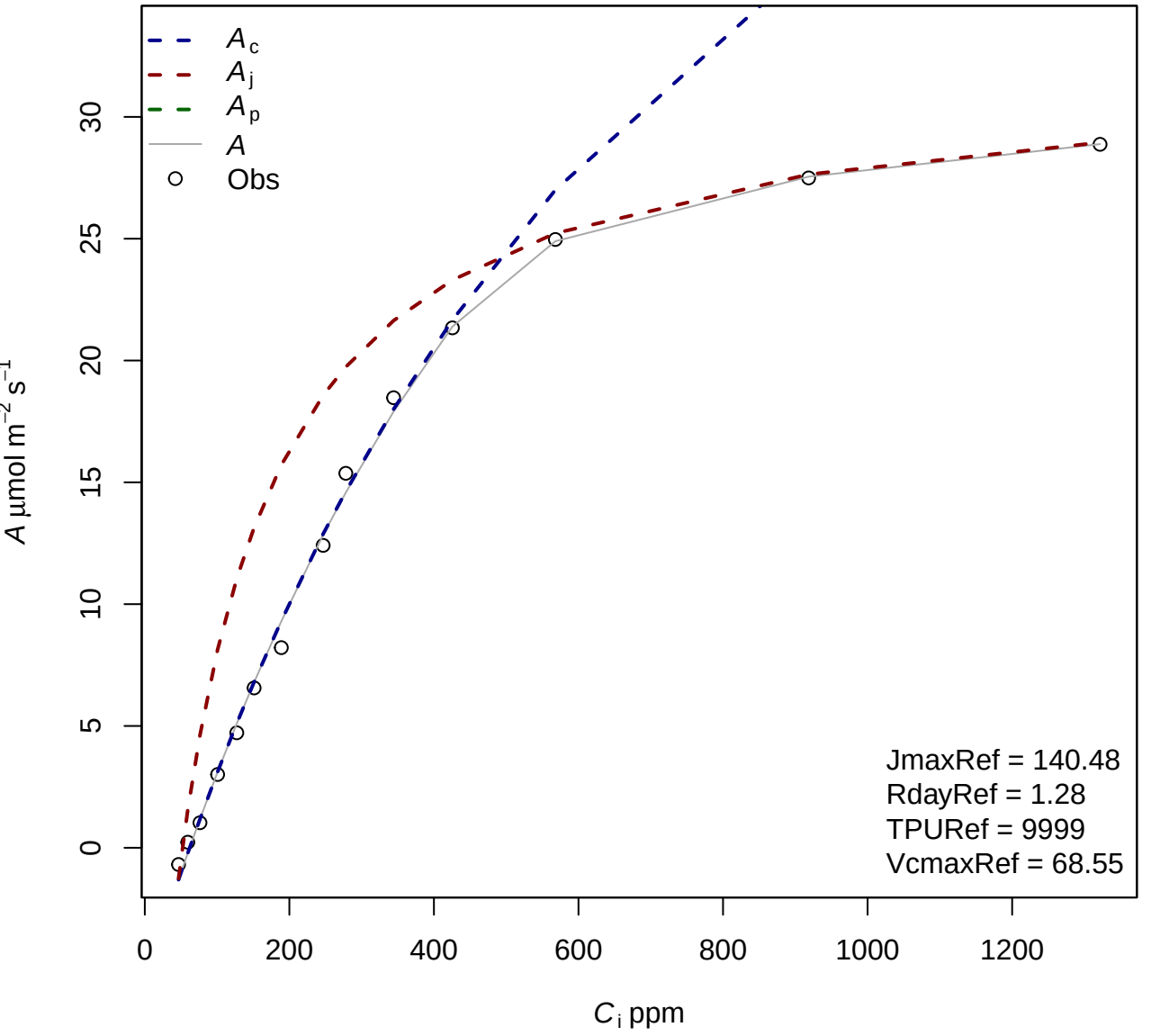

175
A_c
A_j
A_p
A
Obs
JmaxRef = 174.44
RdayRef = 1.48
TPURef = 9.95
VcmaxRef = 108.03
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
500
1000
1500

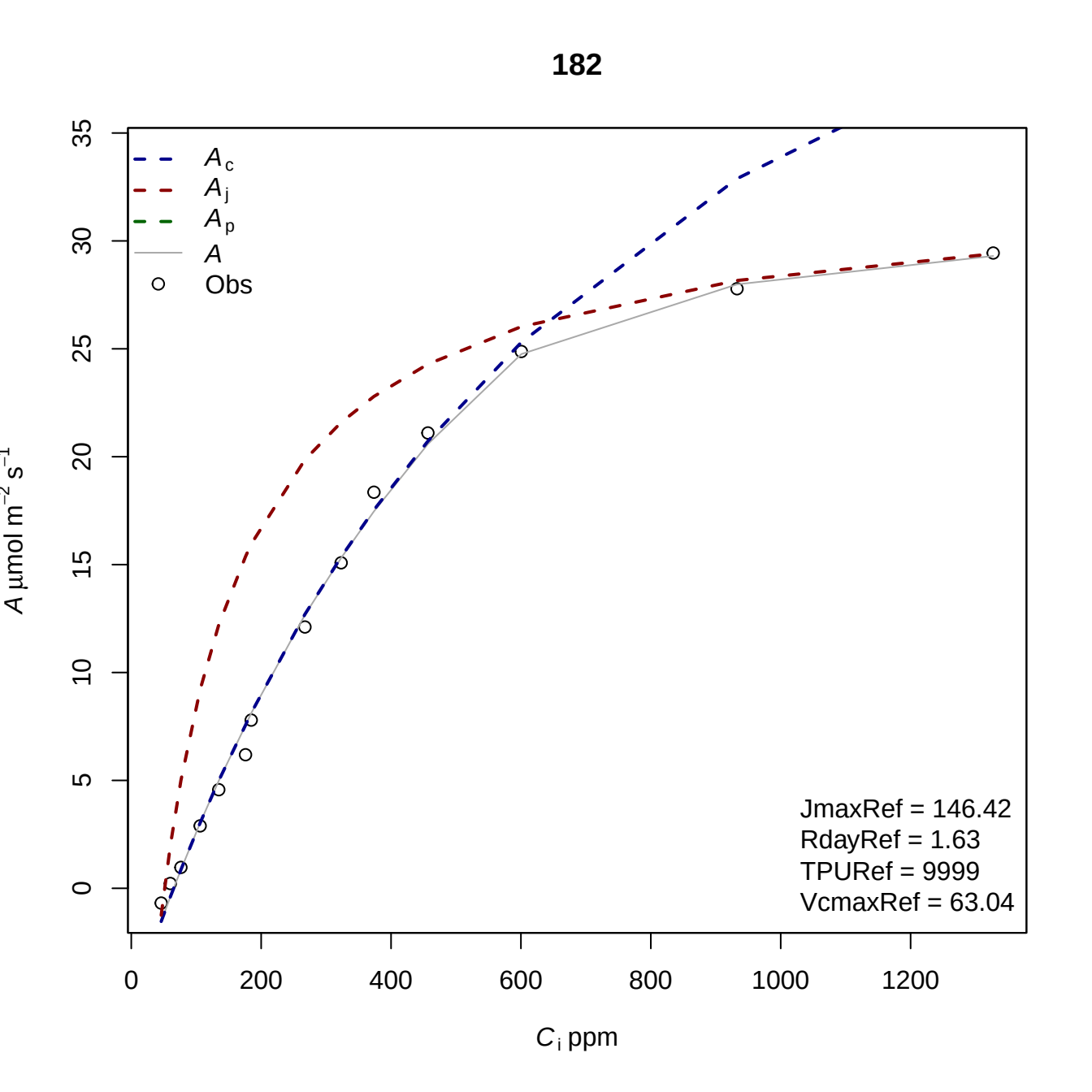

176
A_c
A_j
A_p
A
Obs
JmaxRef = 122.86
RdayRef = 2.09
TPURef = 8.65
VcmaxRef = 68.75
A µmol m^{-2} s^{-1}
0
5
10
15
20
25
0
500
1000
1500
C_i ppm

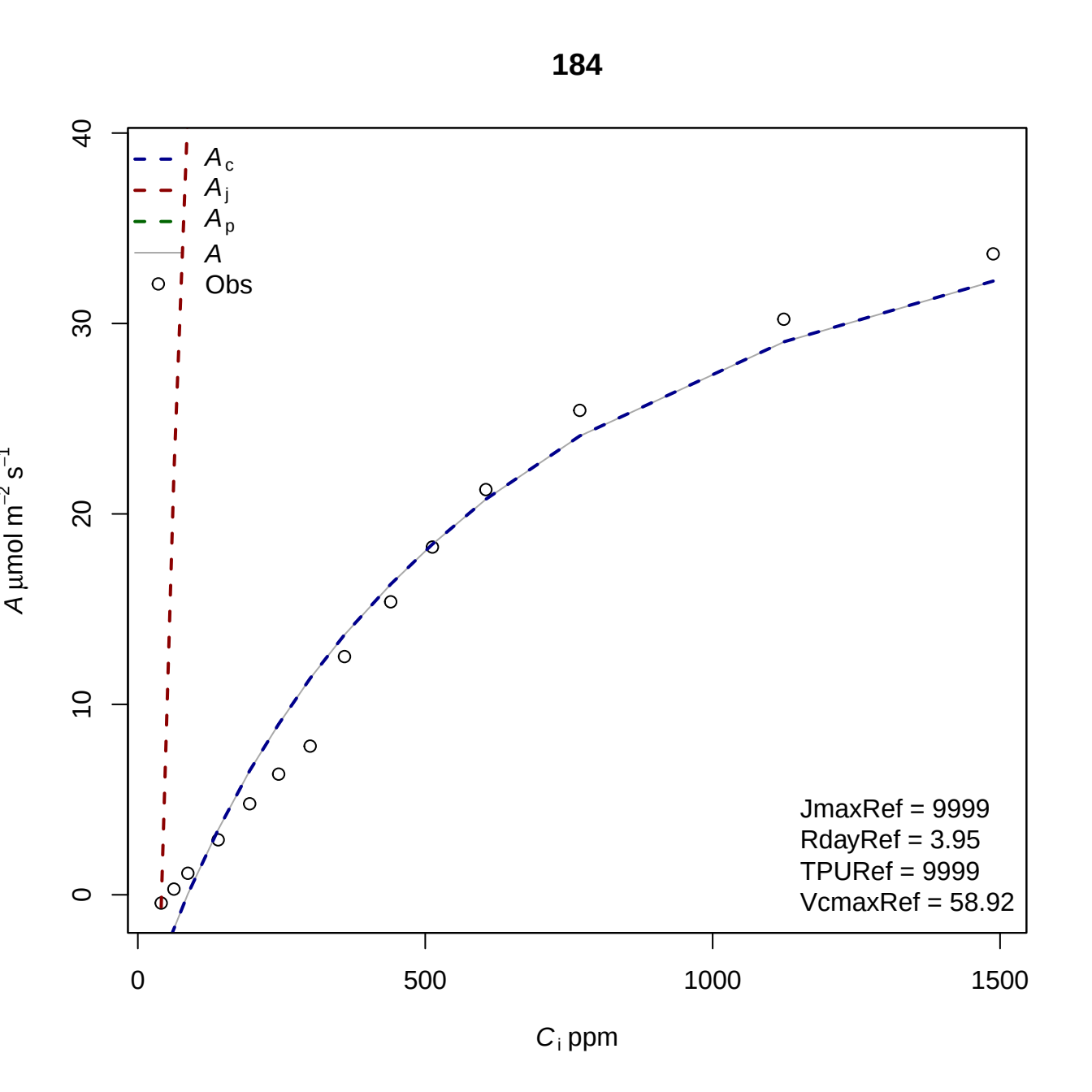

177
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.43
TPURef = 11.9
VcmaxRef = 88.27
A µmol m^{-2} s^{-1}
0
10
20
30
0
500
1000
1500
C_i ppm

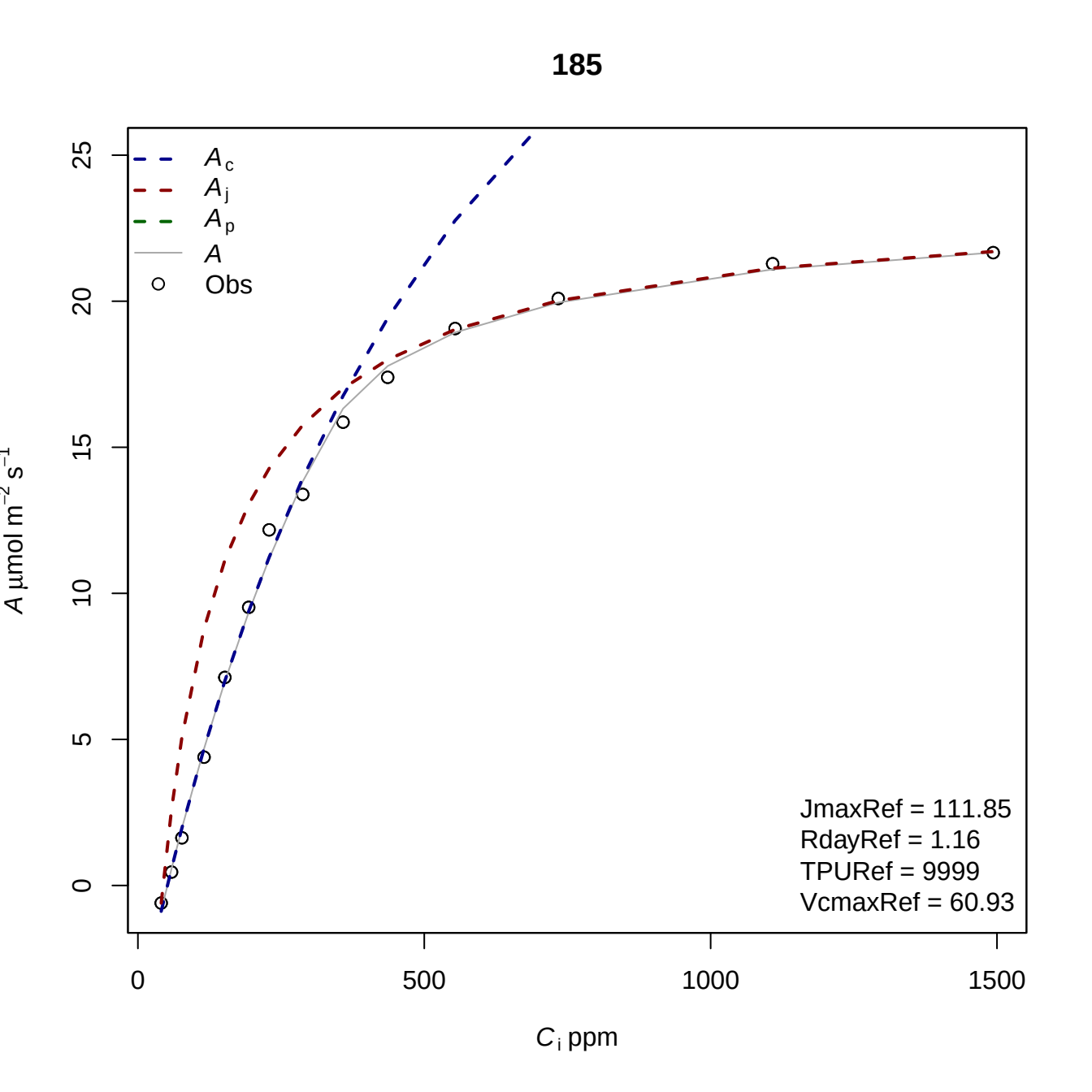

179
A_c
A_j
A_p
A
Obs
JmaxRef = 116.4
RdayRef = 1.72
TPURef = 9999
VcmaxRef = 65.61
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

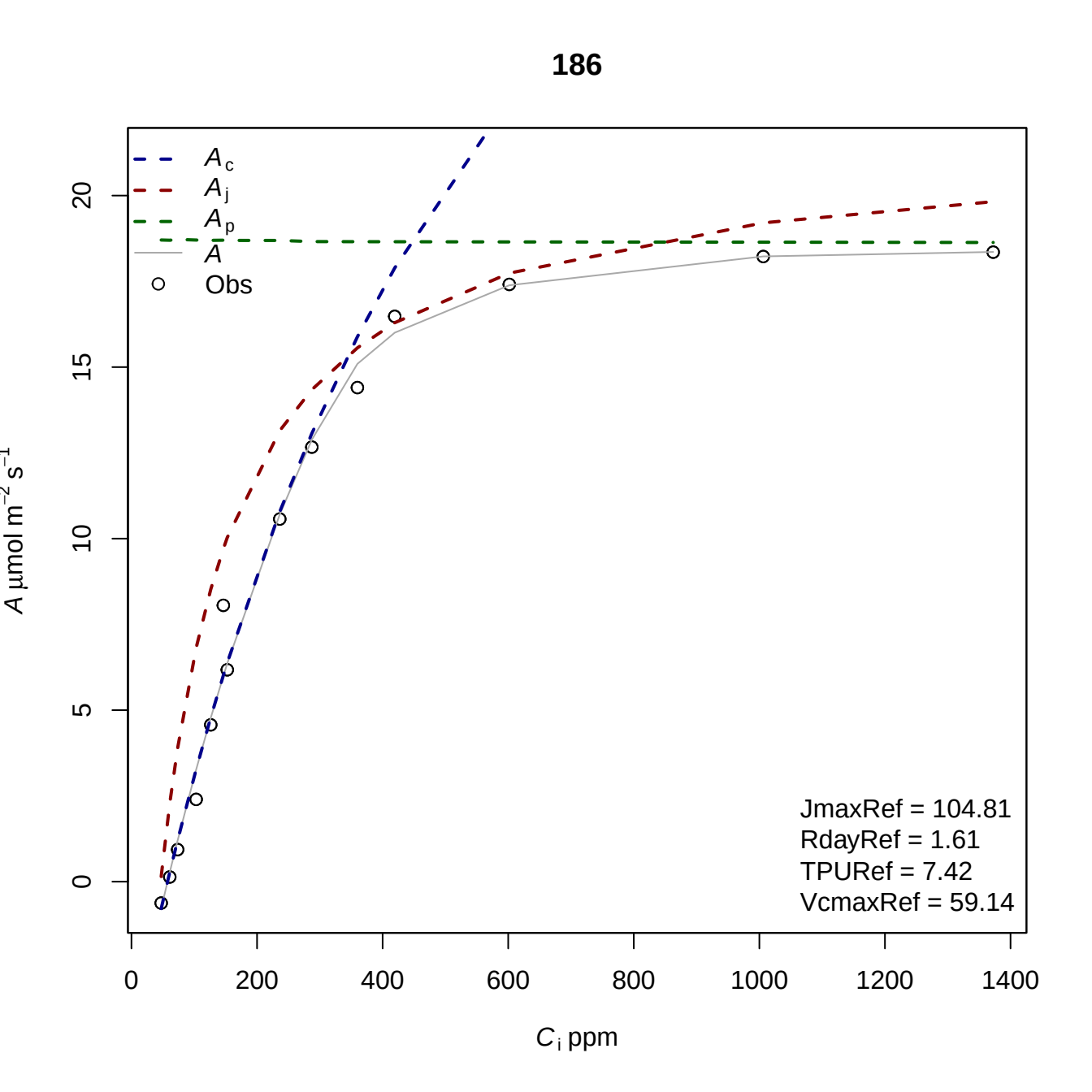

180
A_c
A_j
A_p
A
Obs
JmaxRef = 103.63
RdayRef = 1.61
TPURef = 9999
VcmaxRef = 53.93
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

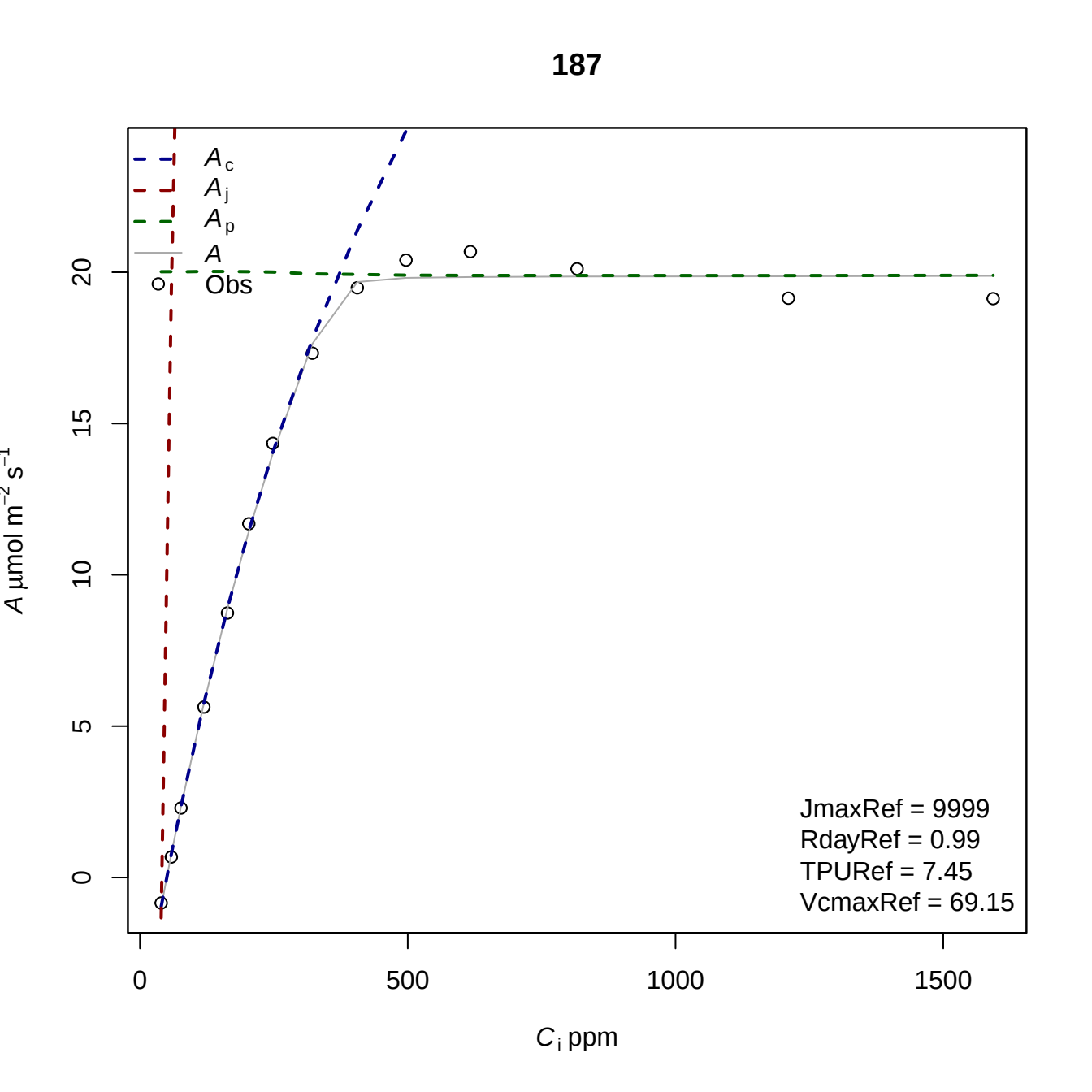

A_c
A_j
A_p
A
Obs
JmaxRef = 140.48
RdayRef = 1.28
TPURef = 9999
VcmaxRef = 68.55
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

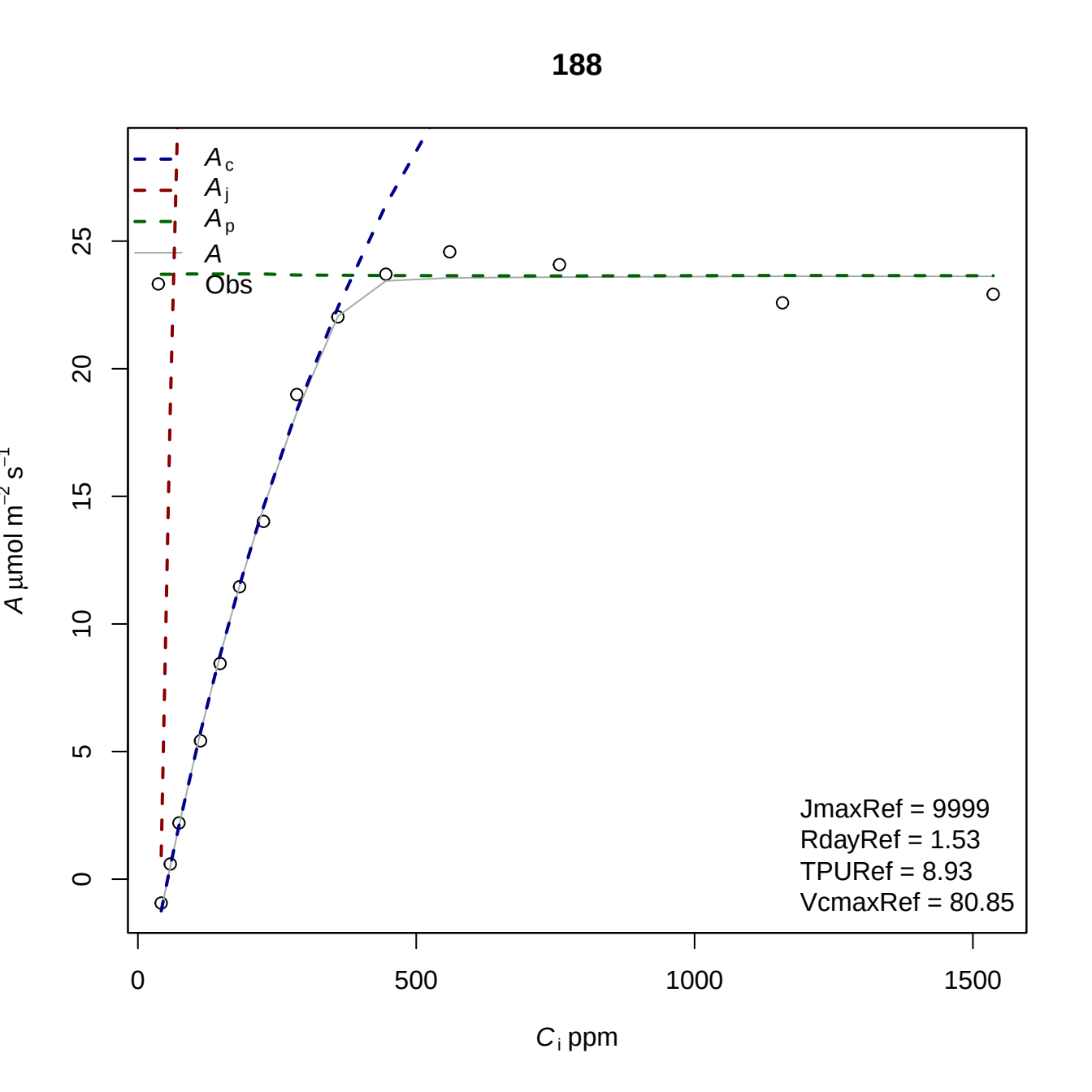

182
A_c
A_j
A_p
A
Obs
JmaxRef = 146.42
RdayRef = 1.63
TPURef = 9999
VcmaxRef = 63.04
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
200
400
600
800
1000
1200

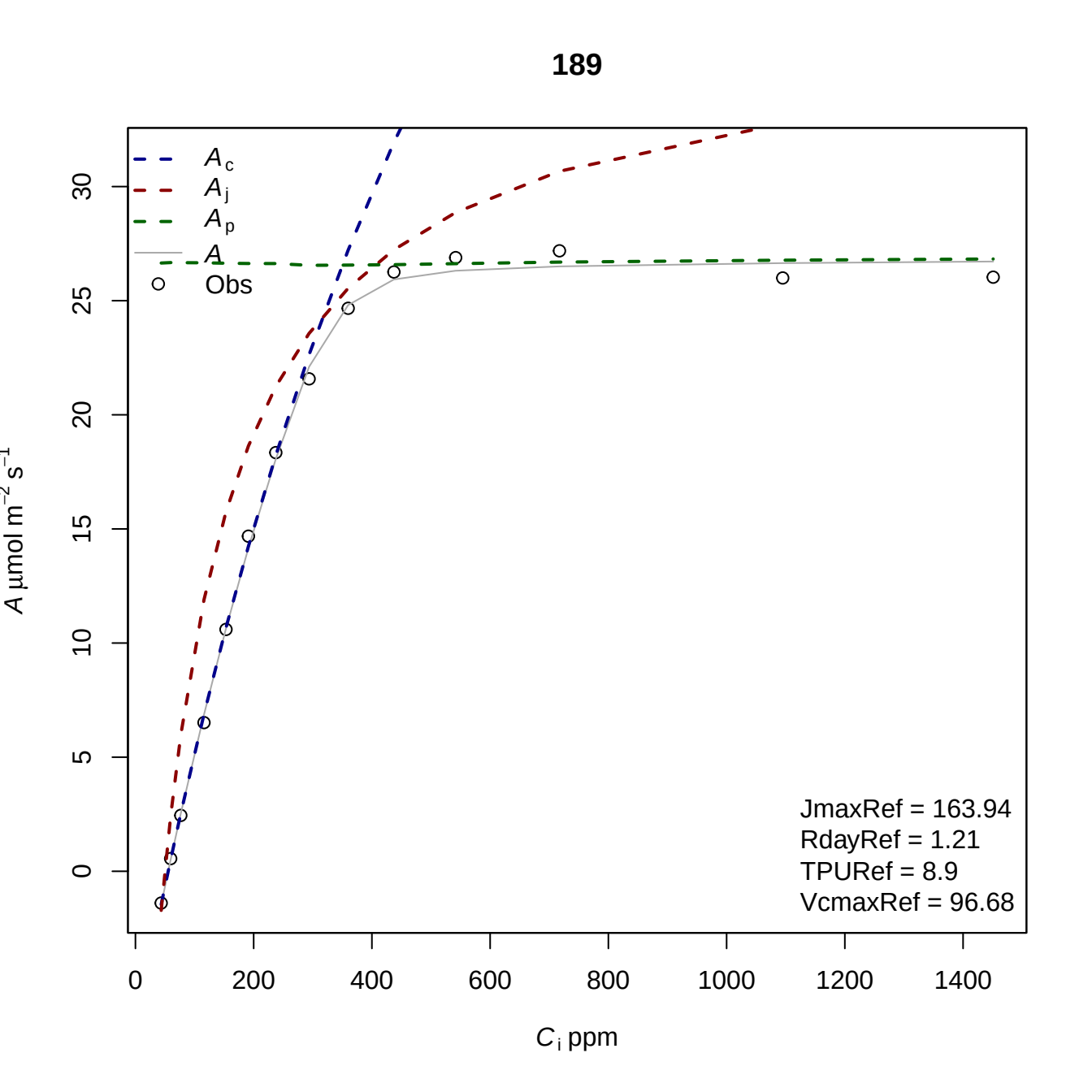

184
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 3.95
TPURef = 9999
VcmaxRef = 58.92
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
500
1000
1500

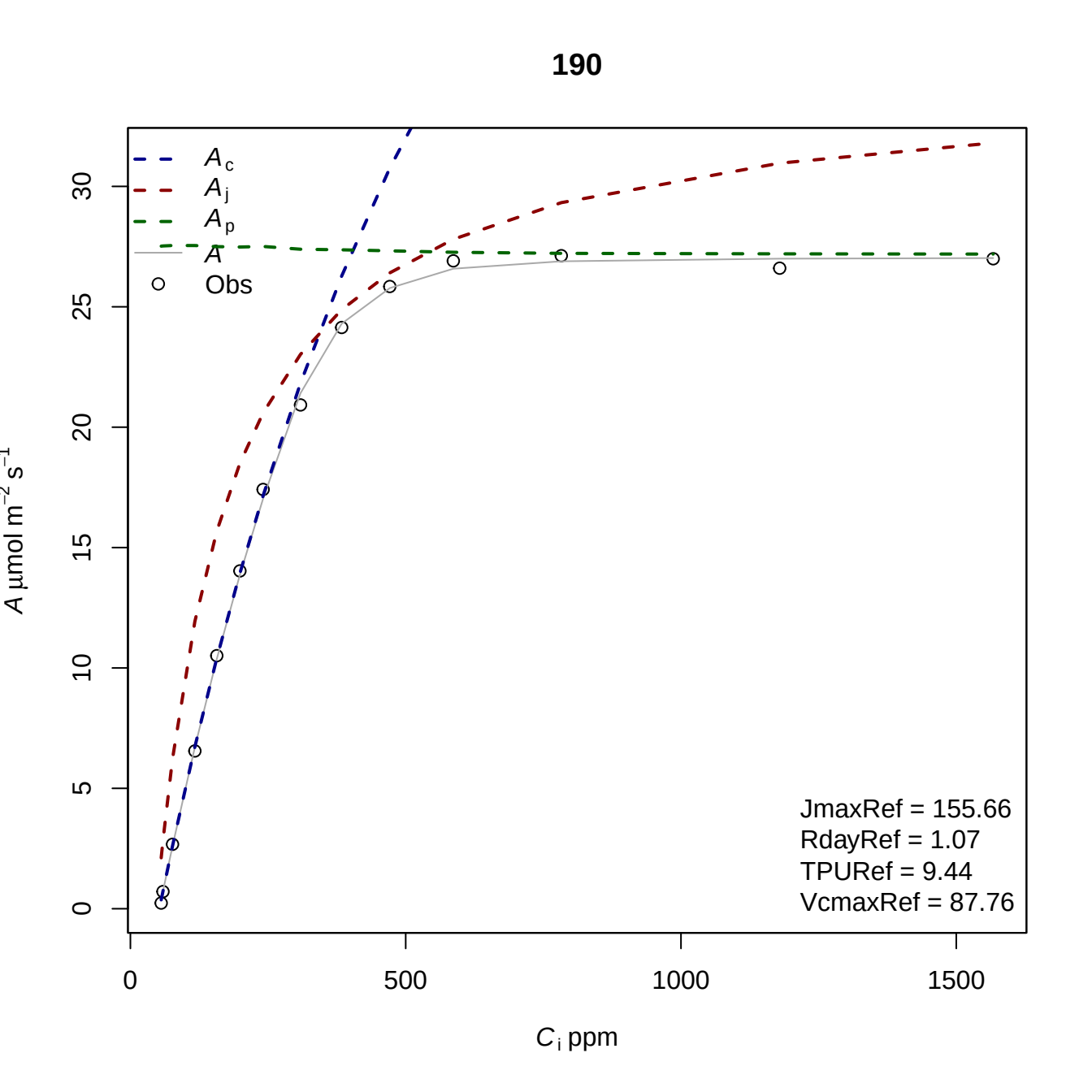

185
A_c
A_j
A_p
A
Obs
JmaxRef = 111.85
RdayRef = 1.16
TPURef = 9999
VcmaxRef = 60.93
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

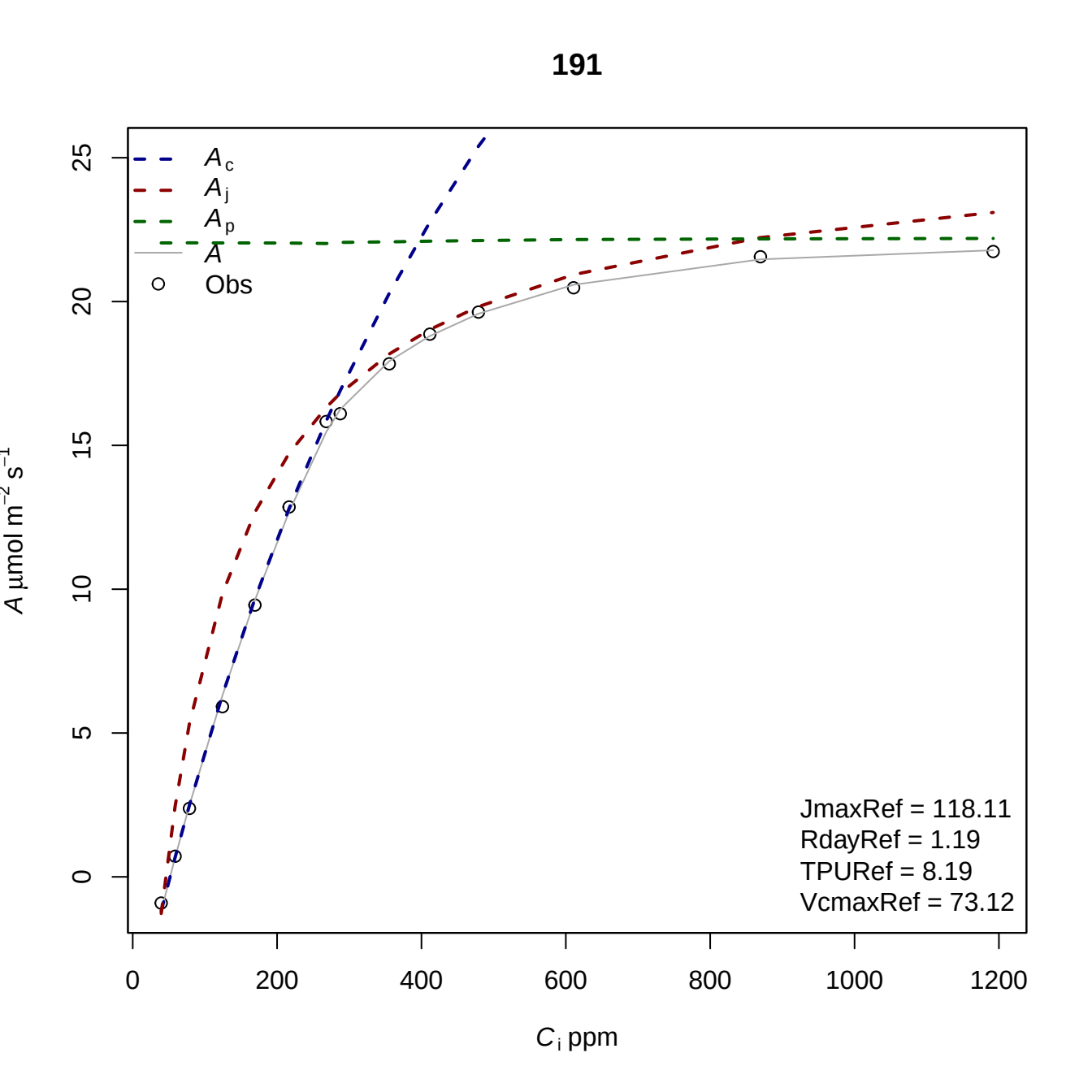

186
A_c
A_j
A_p
A
Obs
JmaxRef = 104.81
RdayRef = 1.61
TPURef = 7.42
VcmaxRef = 59.14
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

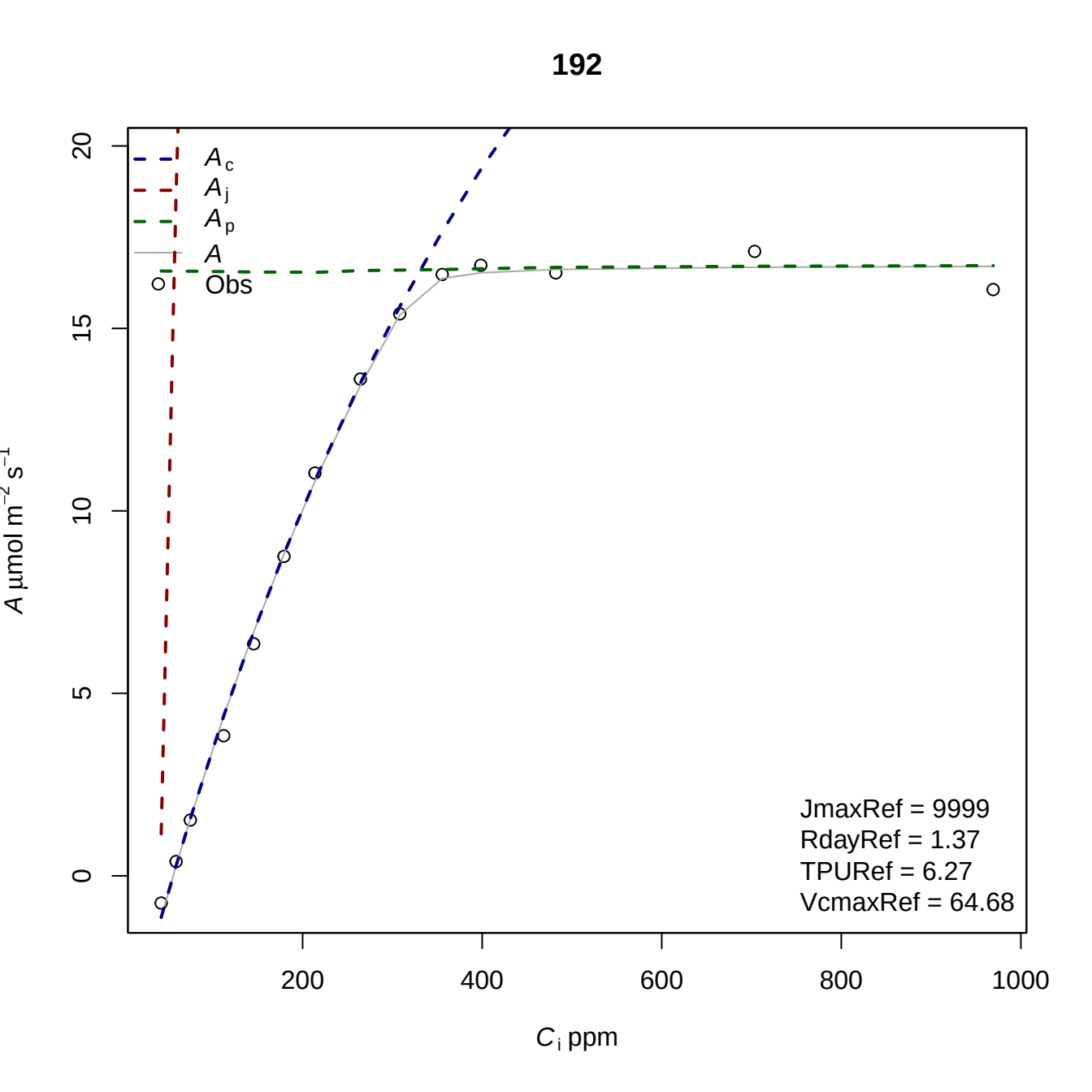

187
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.99
TPURef = 7.45
VcmaxRef = 69.15
A µmol m^{-2} s^{-1}
0
5
10
15
20
0
500
1000
1500
C_i ppm

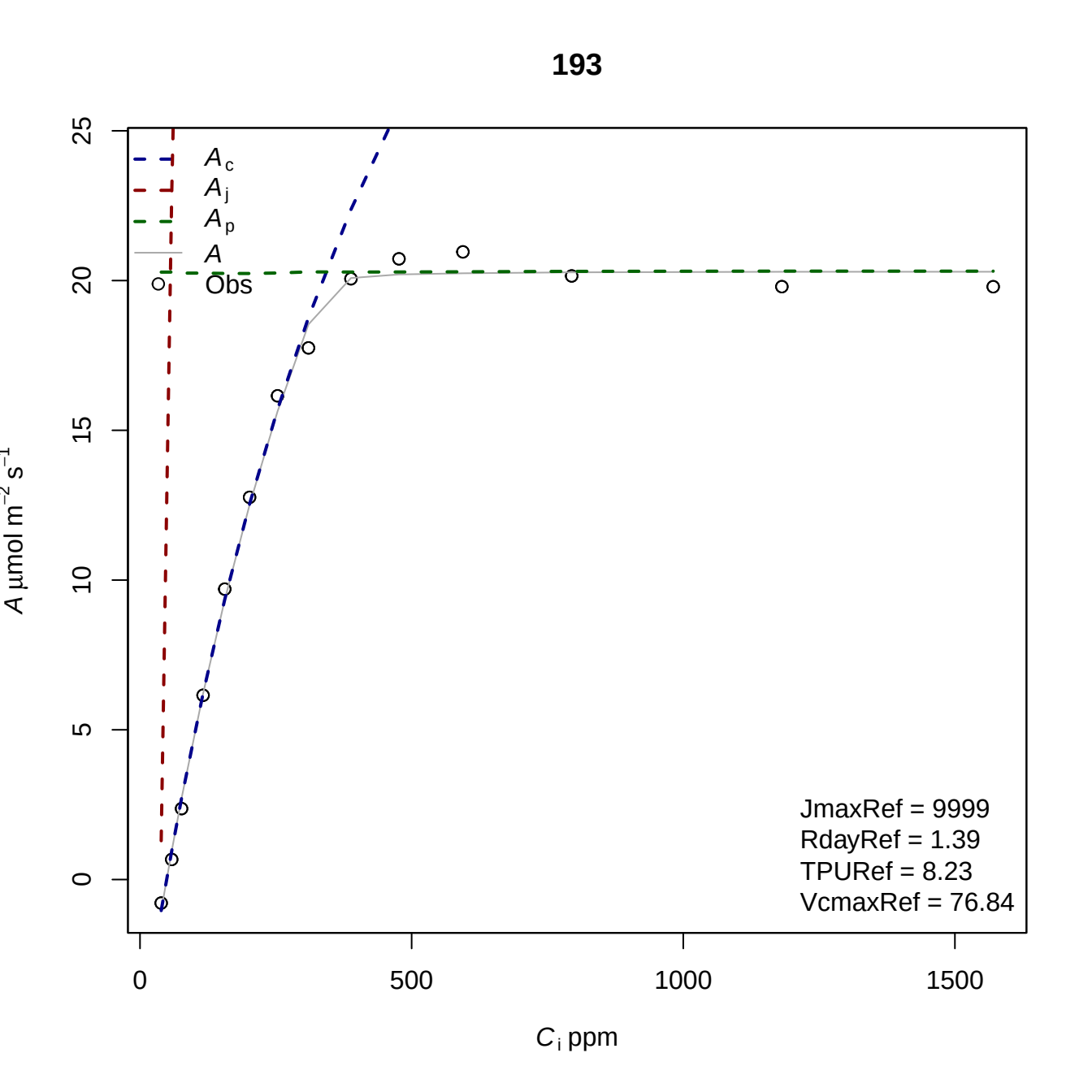

188
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.53
TPURef = 8.93
VcmaxRef = 80.85
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

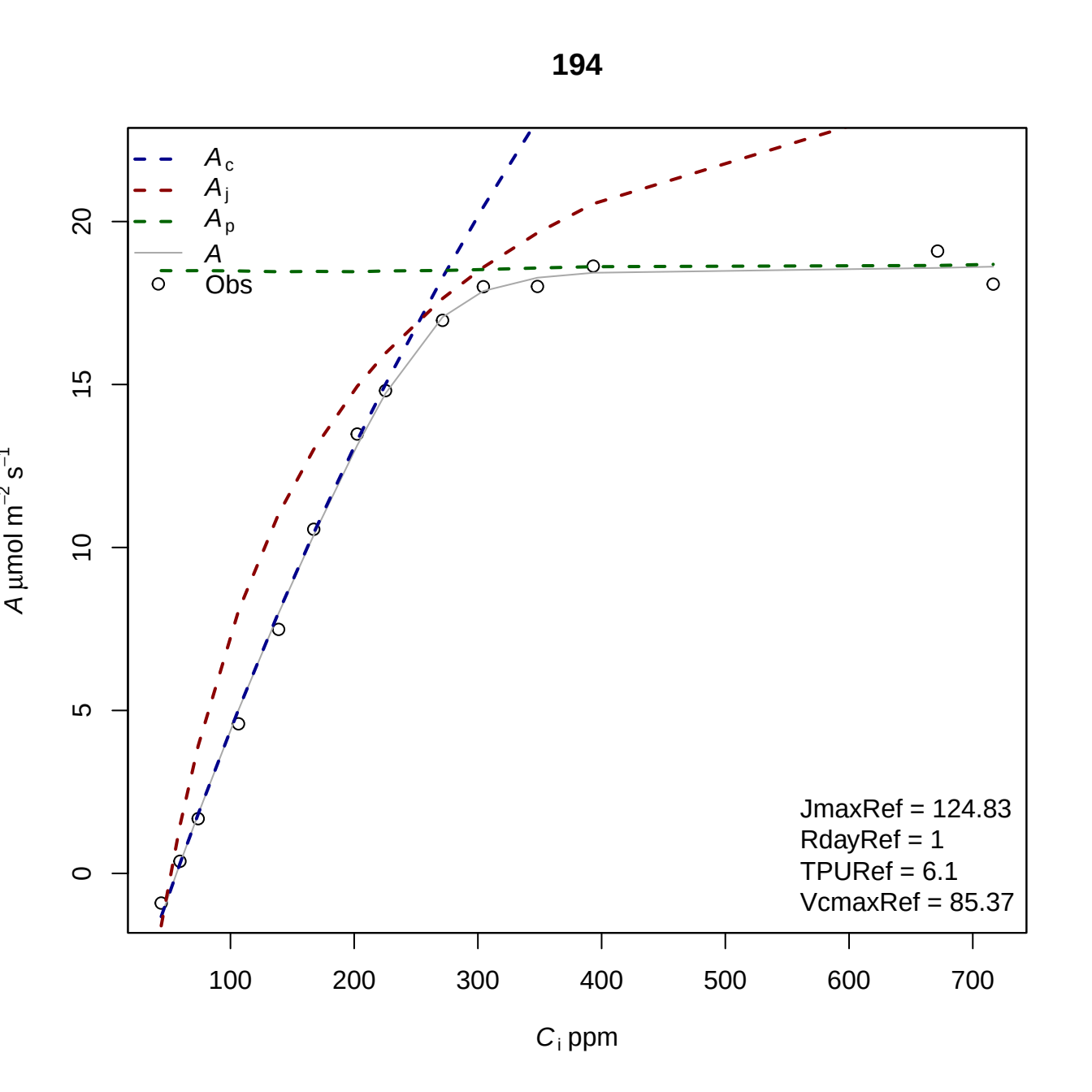

189
A_c
A_j
A_p
A
Obs
JmaxRef = 163.94
RdayRef = 1.21
TPURef = 8.9
VcmaxRef = 96.68
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

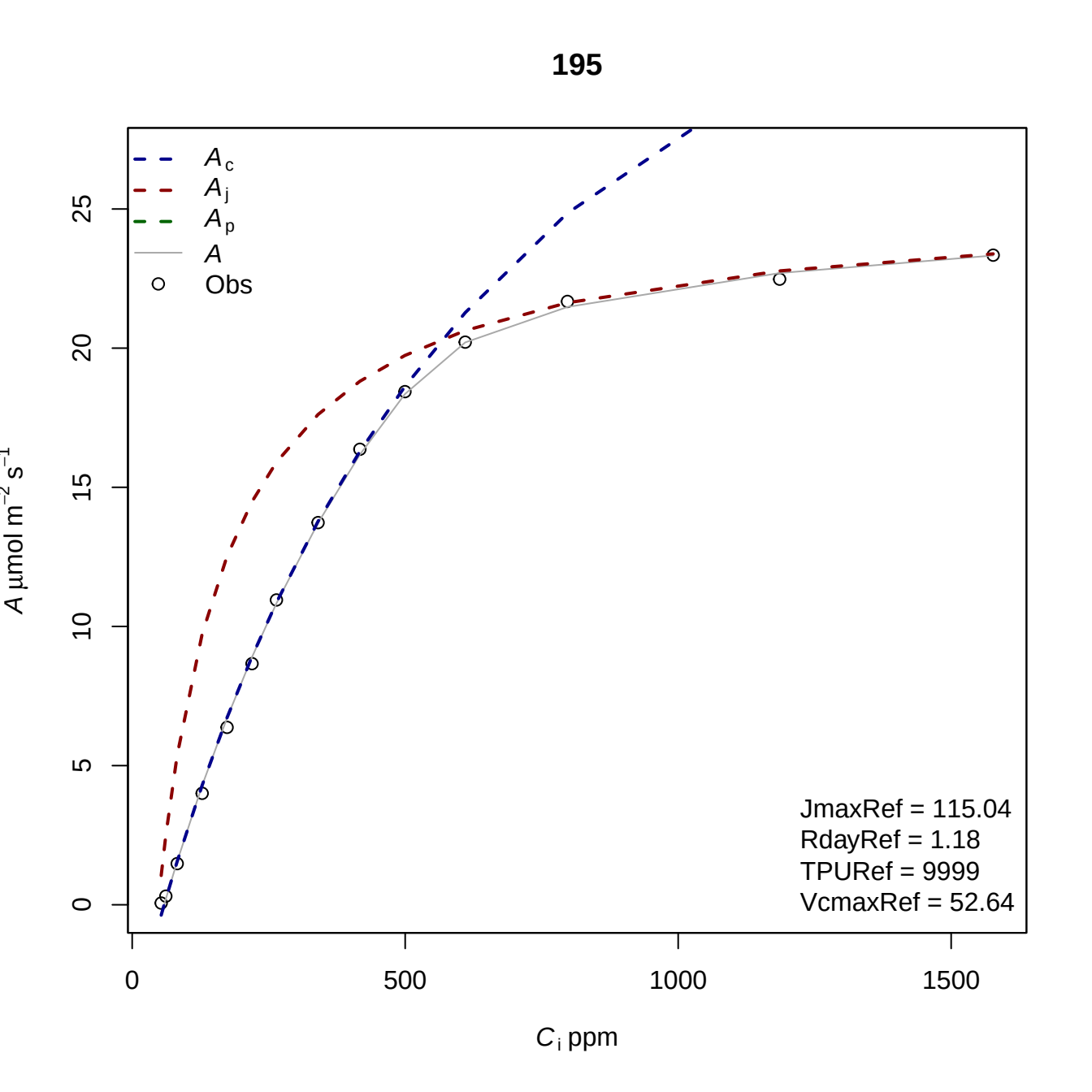

190
A_c
A_j
A_p
A
Obs
JmaxRef = 155.66
RdayRef = 1.07
TPURef = 9.44
VcmaxRef = 87.76
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

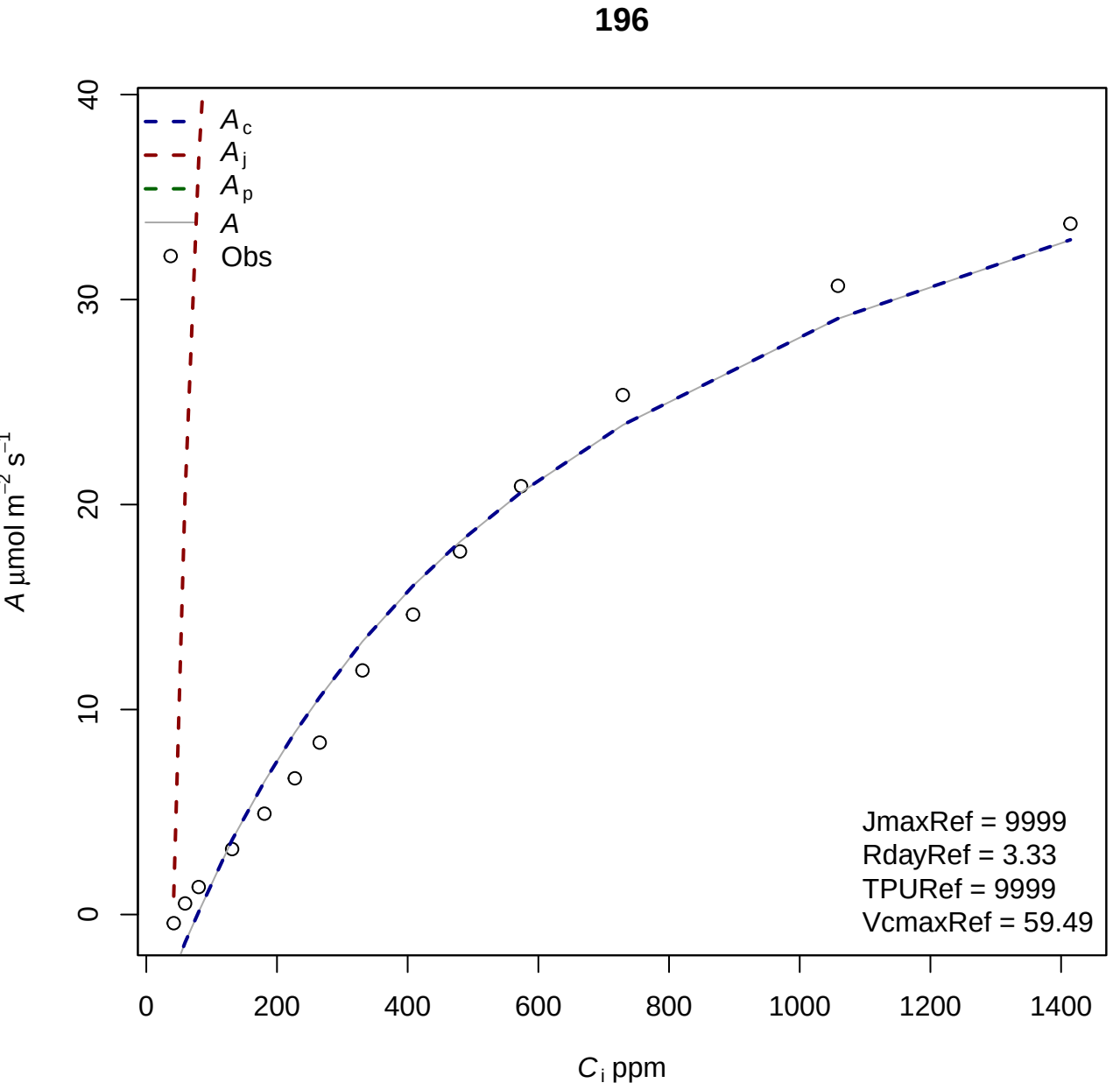

191
A_c
A_j
A_p
A
Obs
JmaxRef = 118.11
RdayRef = 1.19
TPURef = 8.19
VcmaxRef = 73.12
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

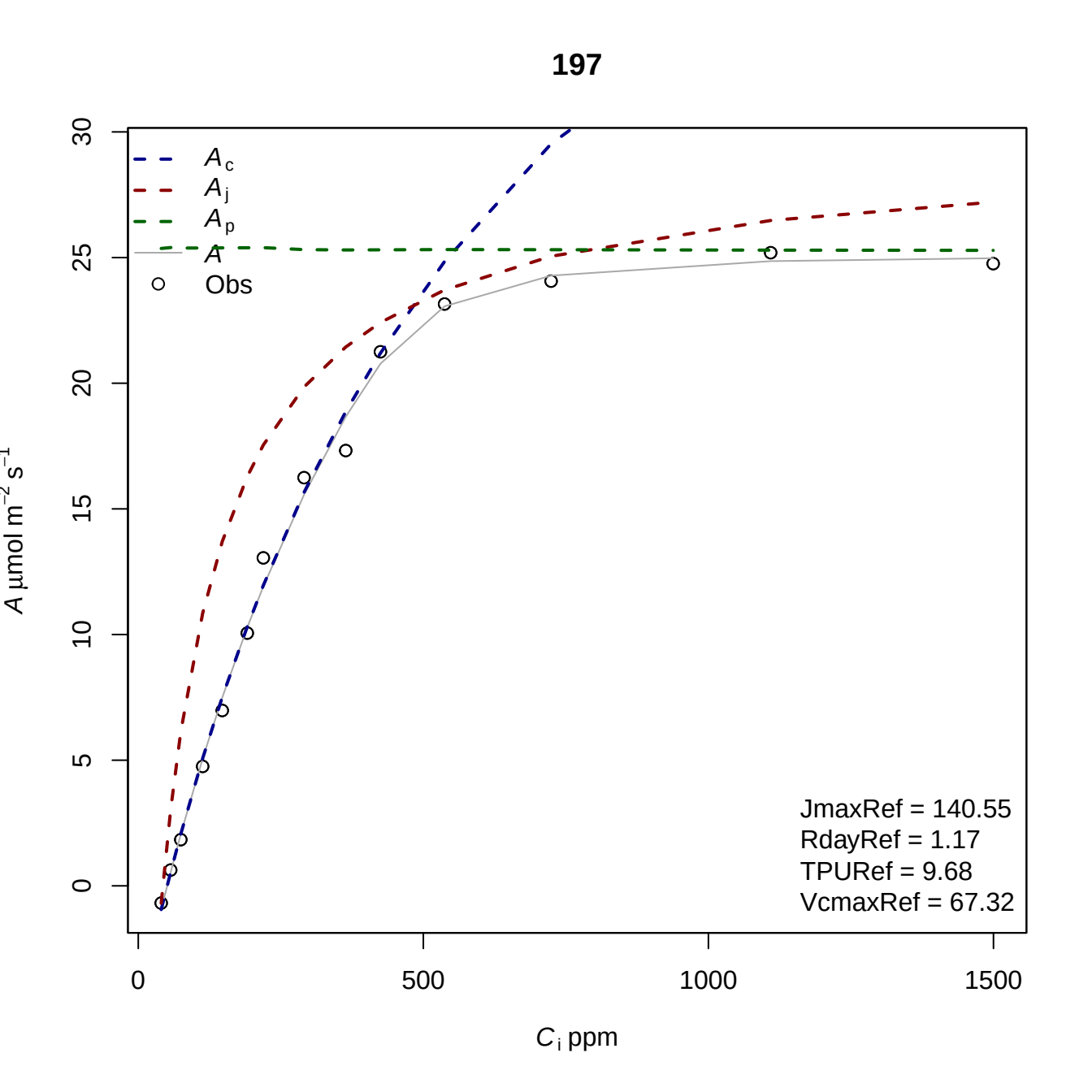

192
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.37
TPURef = 6.27
VcmaxRef = 64.68
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

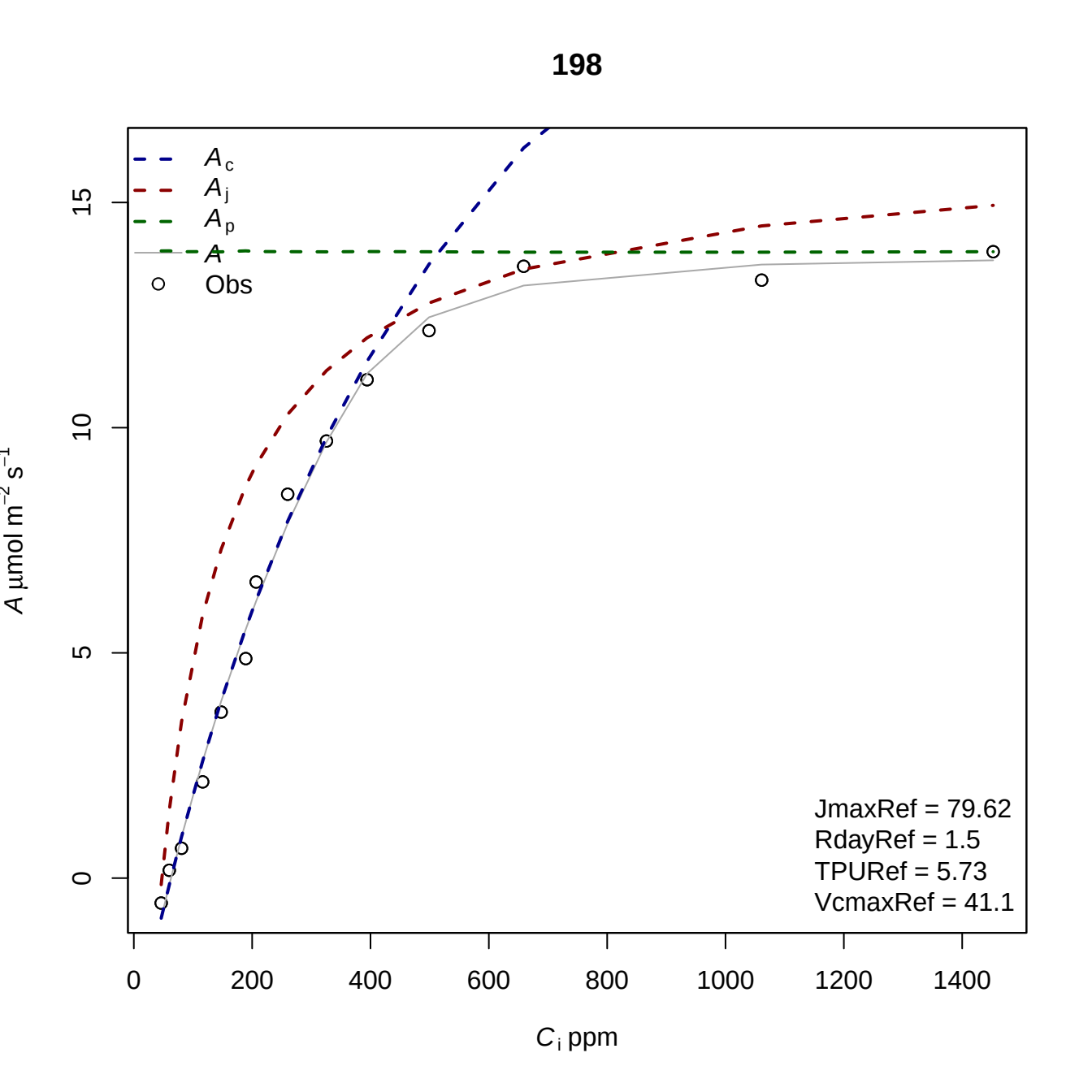

193
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.39
TPURef = 8.23
VcmaxRef = 76.84
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

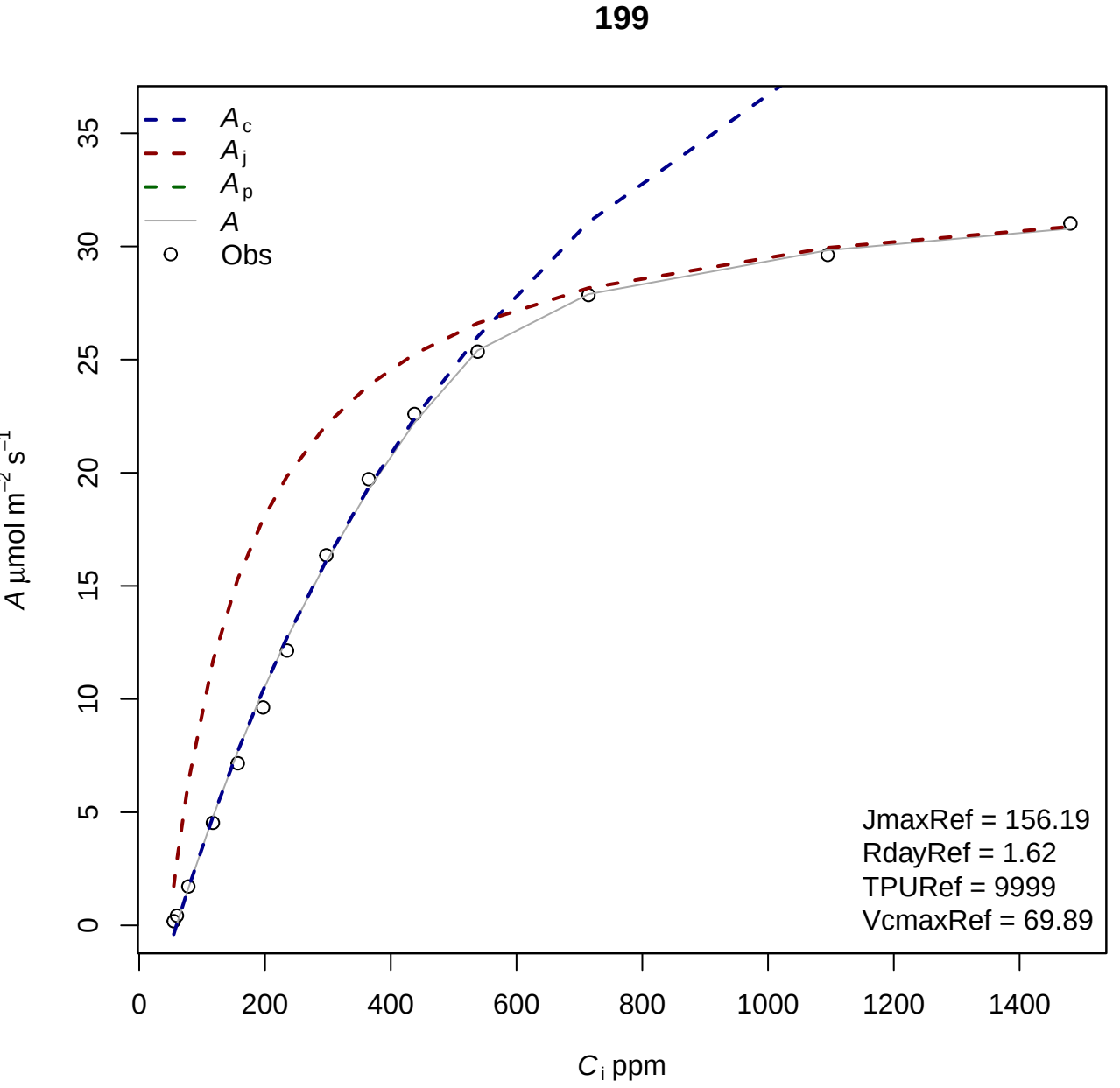

194
A_c
A_j
A_p
A
Obs
JmaxRef = 124.83
RdayRef = 1
TPURef = 6.1
VcmaxRef = 85.37
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
100
200
300
400
500
600
700

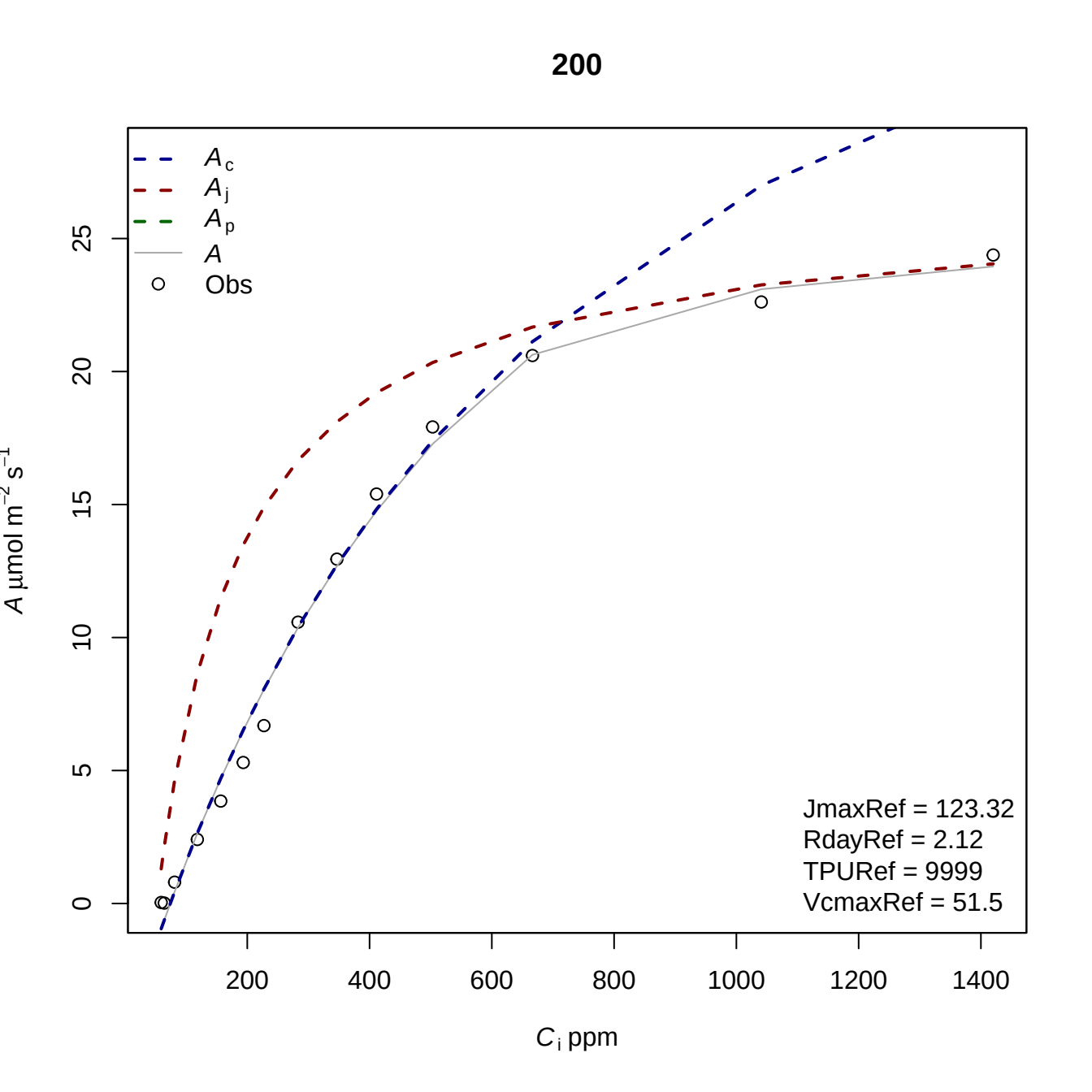

195
A_c
A_j
A_p
A
Obs
JmaxRef = 115.04
RdayRef = 1.18
TPURef = 9999
VcmaxRef = 52.64
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

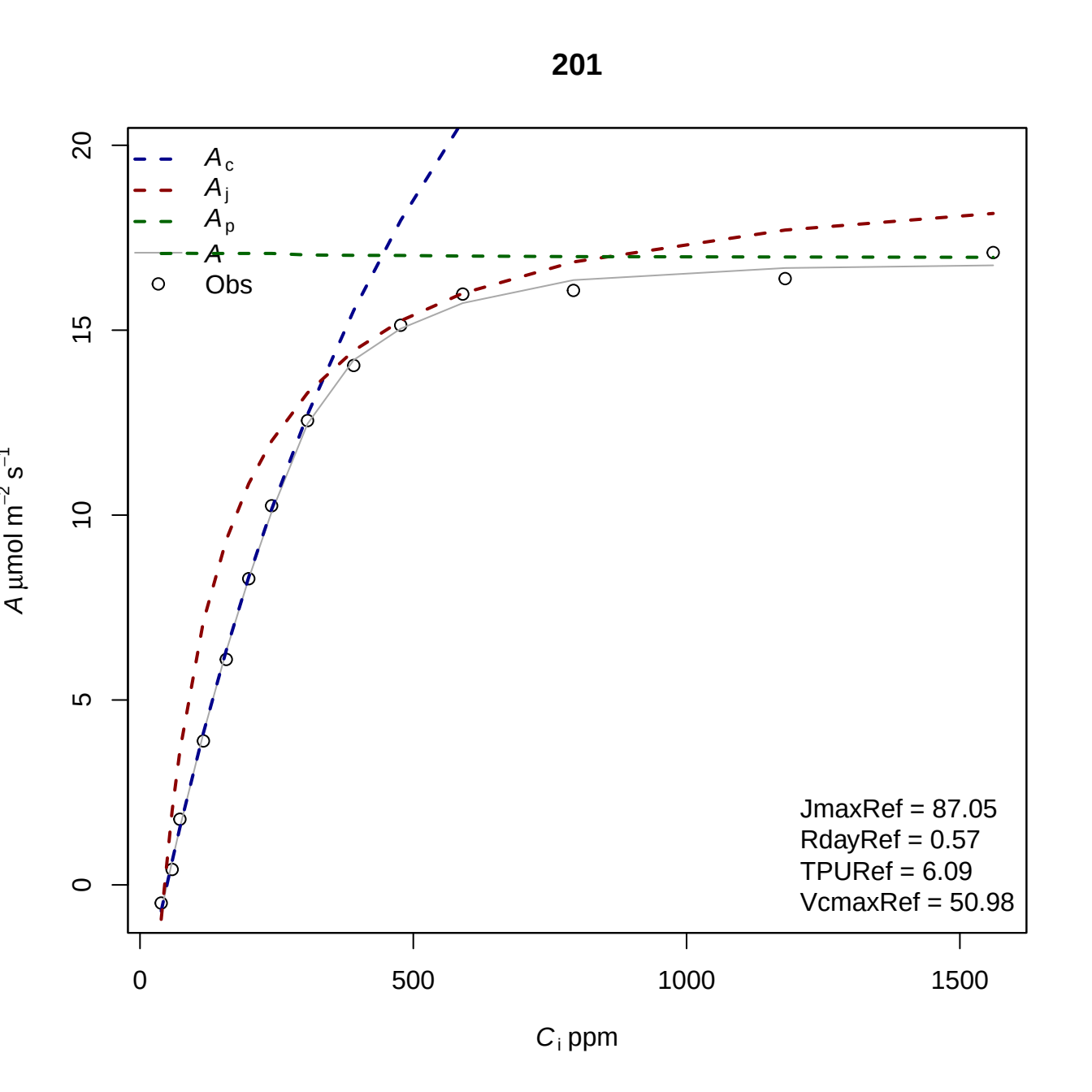

196
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 3.33
TPURef = 9999
VcmaxRef = 59.49
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000
1200
1400

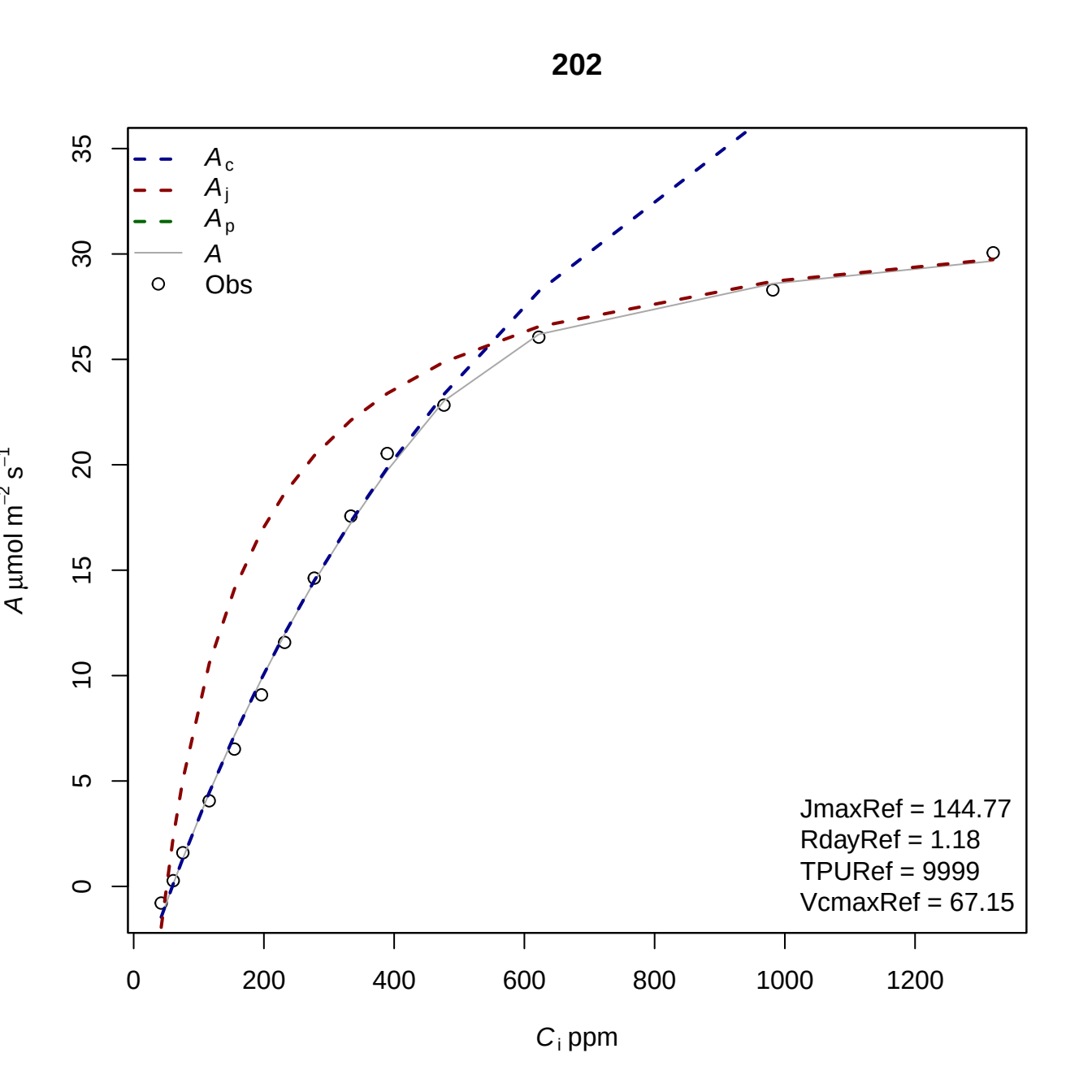

197
A_c
A_j
A_p
A
Obs
JmaxRef = 140.55
RdayRef = 1.17
TPURef = 9.68
VcmaxRef = 67.32
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

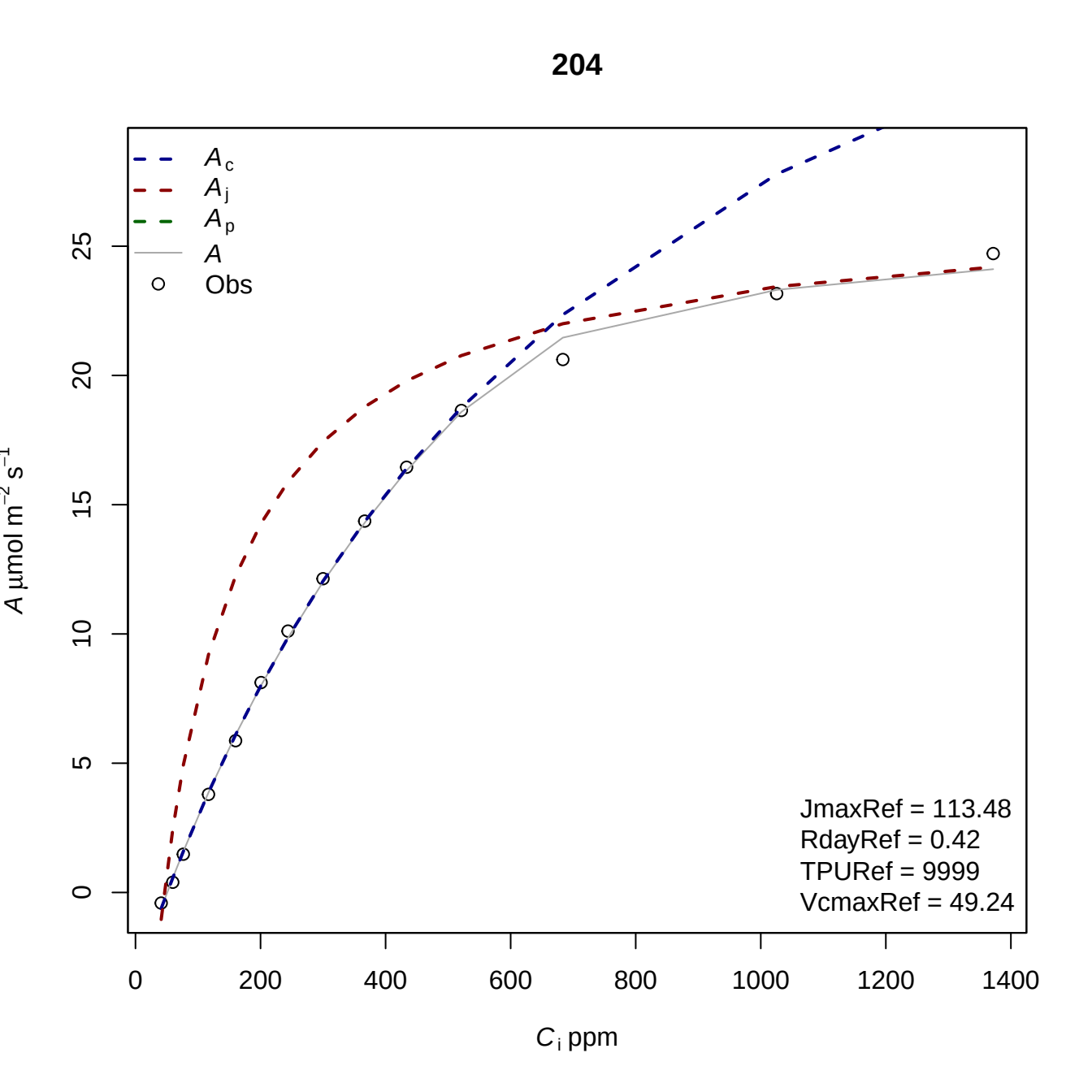

198
A_c
A_j
A_p
A
Obs
JmaxRef = 79.62
RdayRef = 1.5
TPURef = 5.73
VcmaxRef = 41.1
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

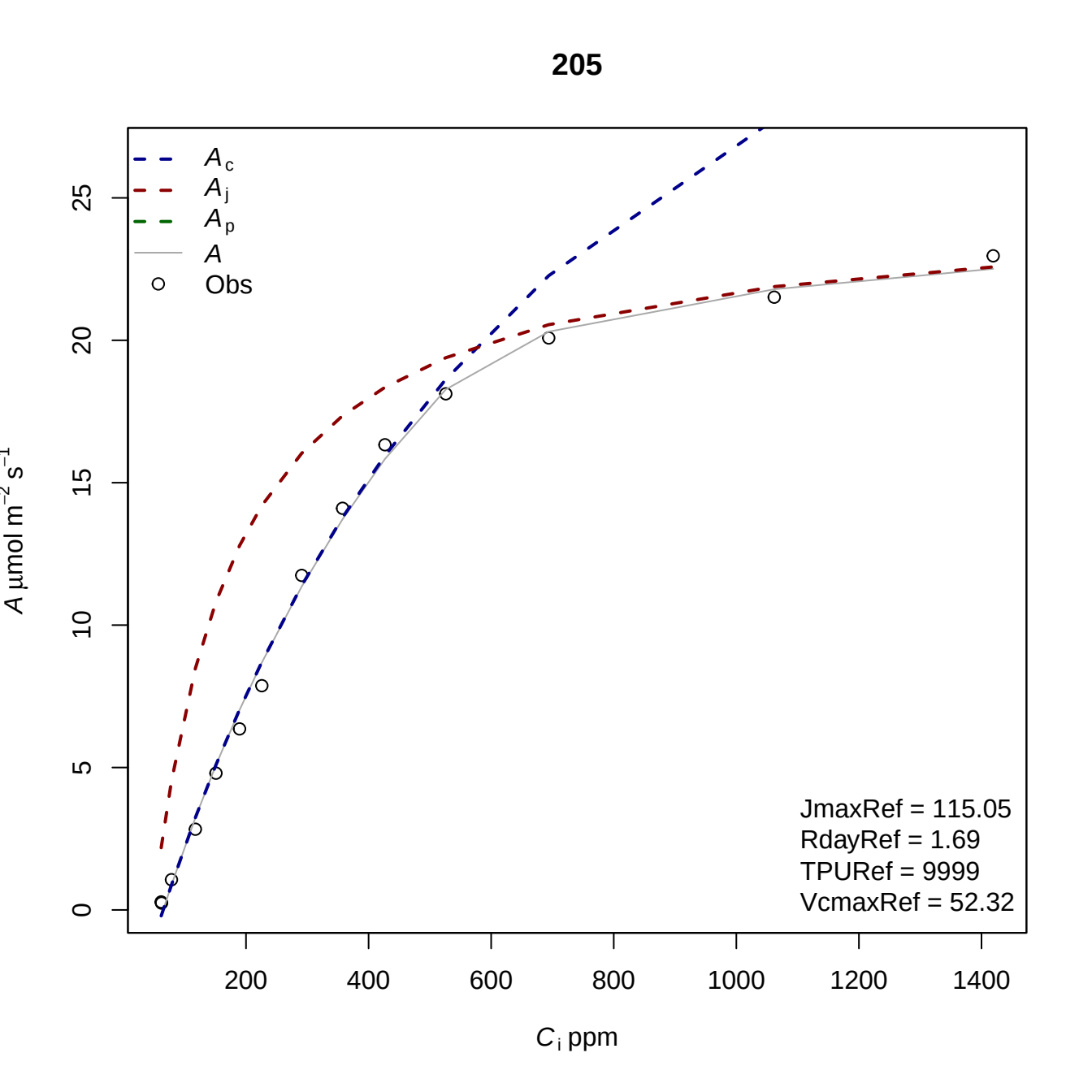

199
A_c
A_j
A_p
A
Obs
JmaxRef = 156.19
RdayRef = 1.62
TPURef = 9999
VcmaxRef = 69.89
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
200
400
600
800
1000
1200
1400

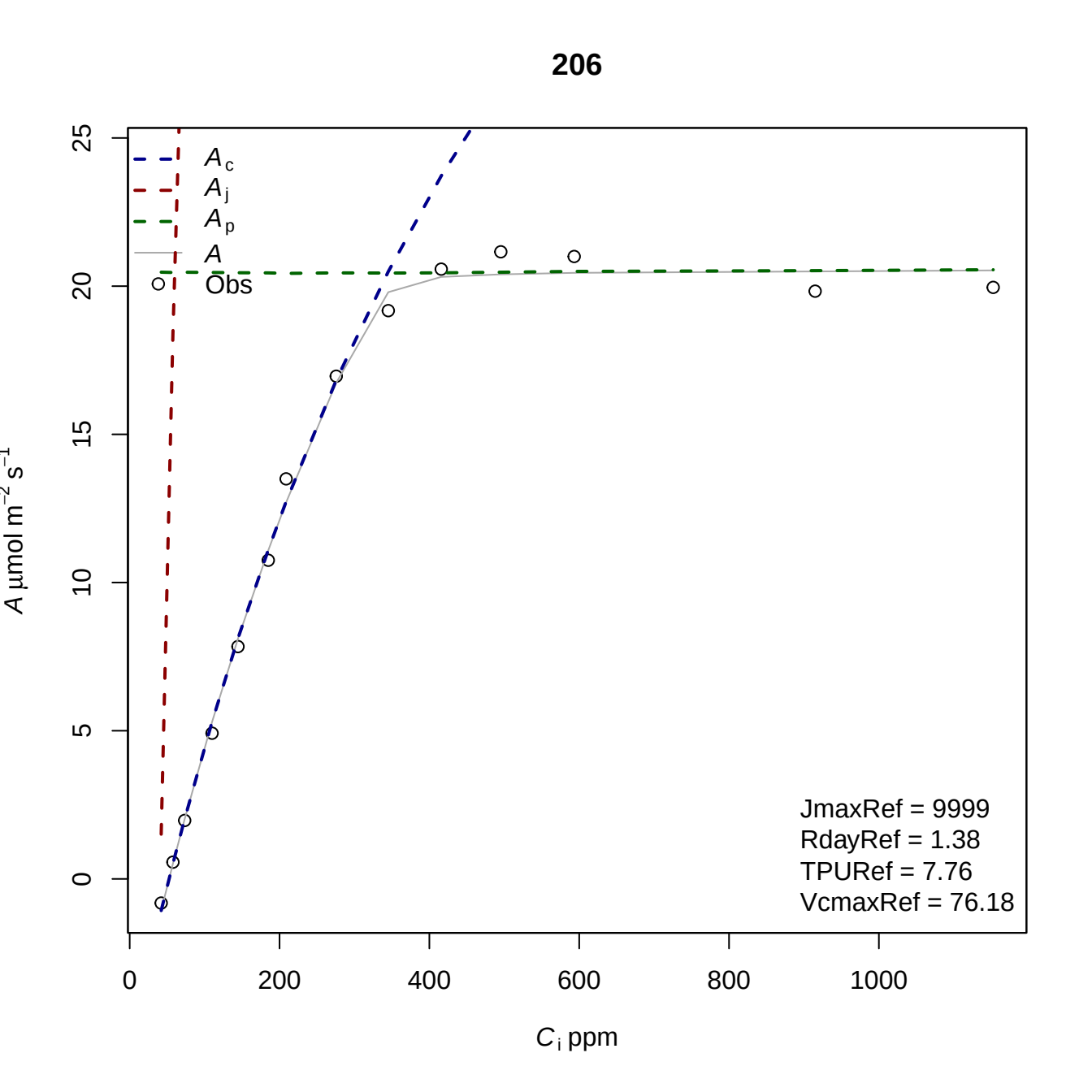

200
A_c
A_j
A_p
A
Obs
JmaxRef = 123.32
RdayRef = 2.12
TPURef = 9999
VcmaxRef = 51.5
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000
1200
1400

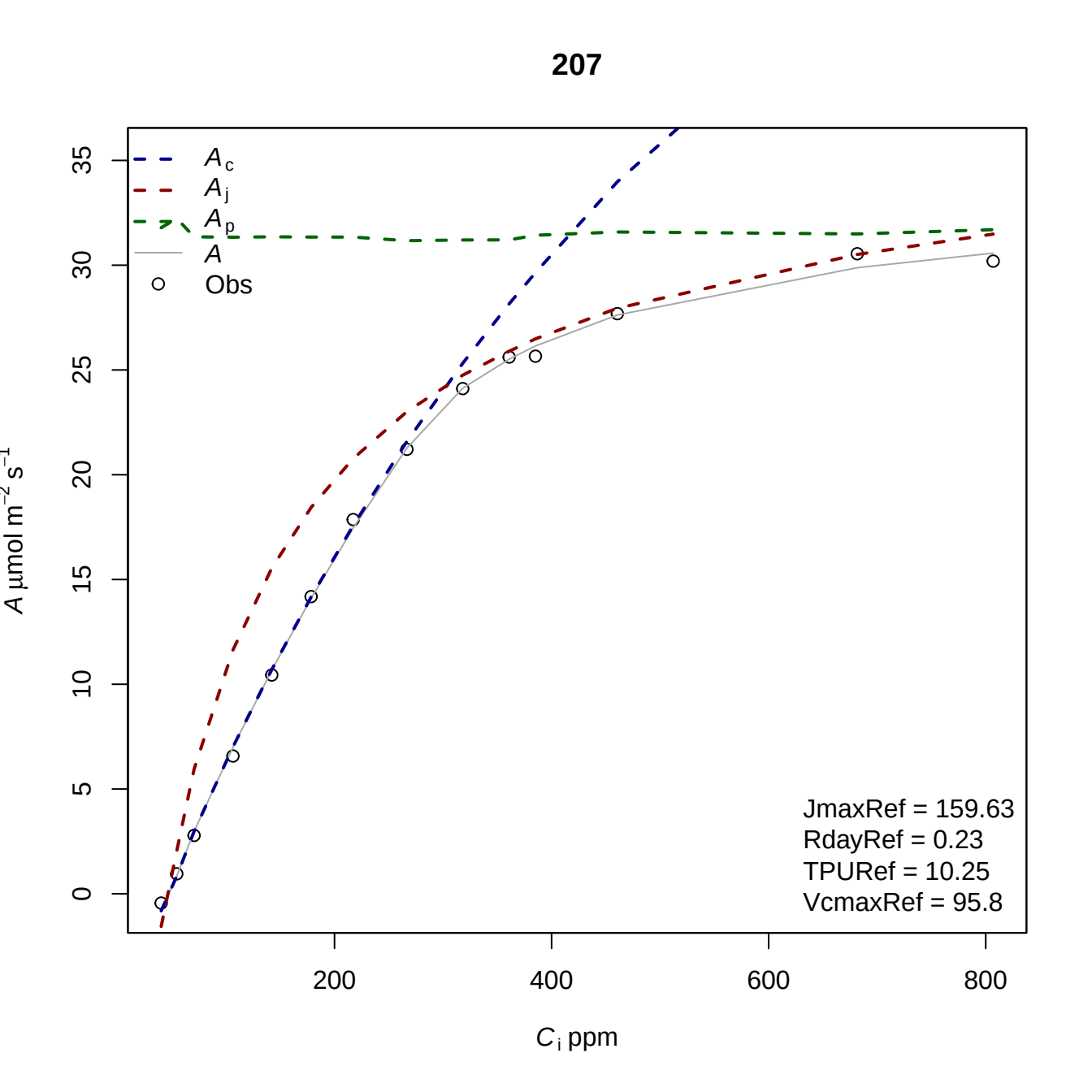

201
A_c
A_j
A_p
A
Obs
JmaxRef = 87.05
RdayRef = 0.57
TPURef = 6.09
VcmaxRef = 50.98
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

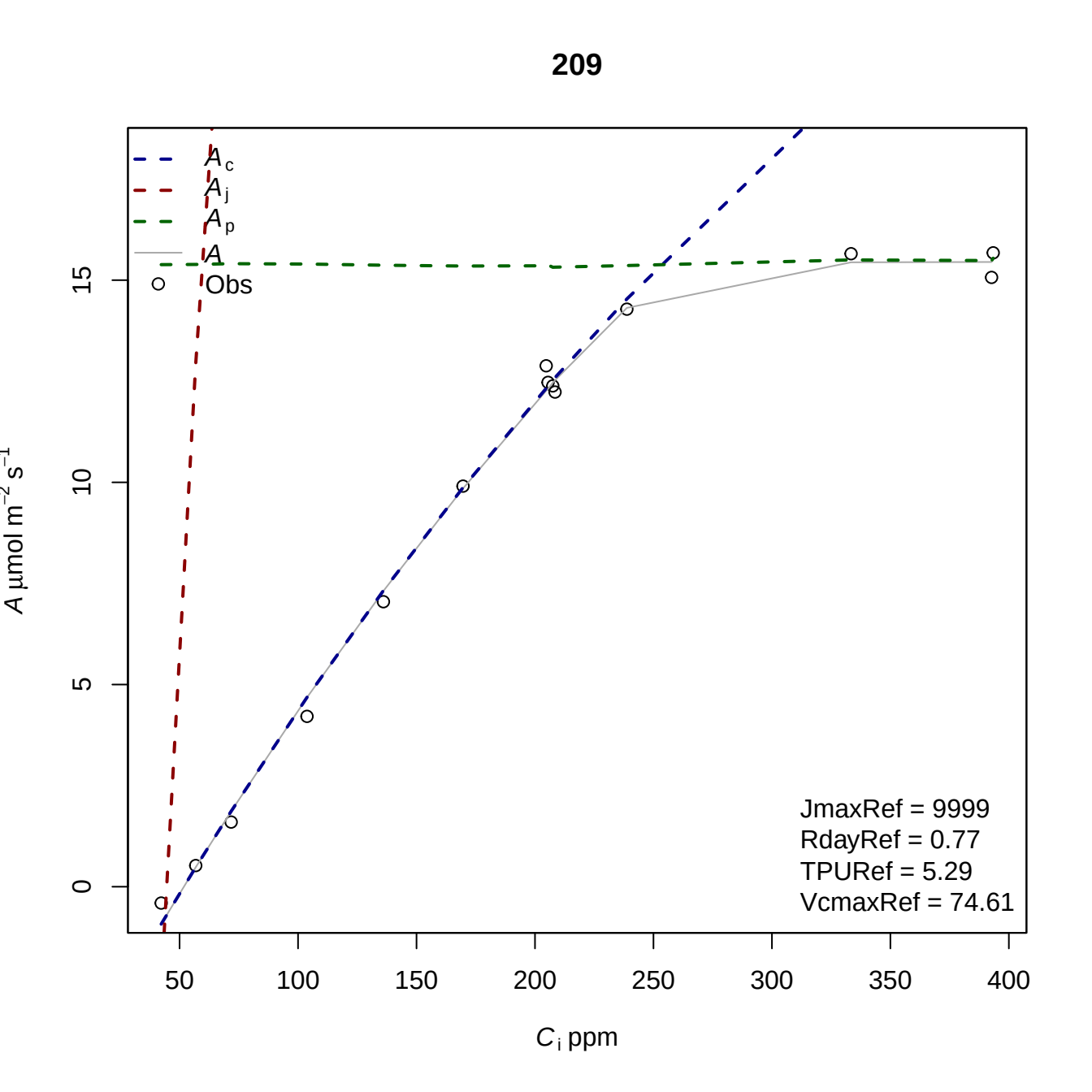

202
A_c
A_j
A_p
A
Obs
JmaxRef = 144.77
RdayRef = 1.18
TPURef = 9999
VcmaxRef = 67.15
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
200
400
600
800
1000
1200

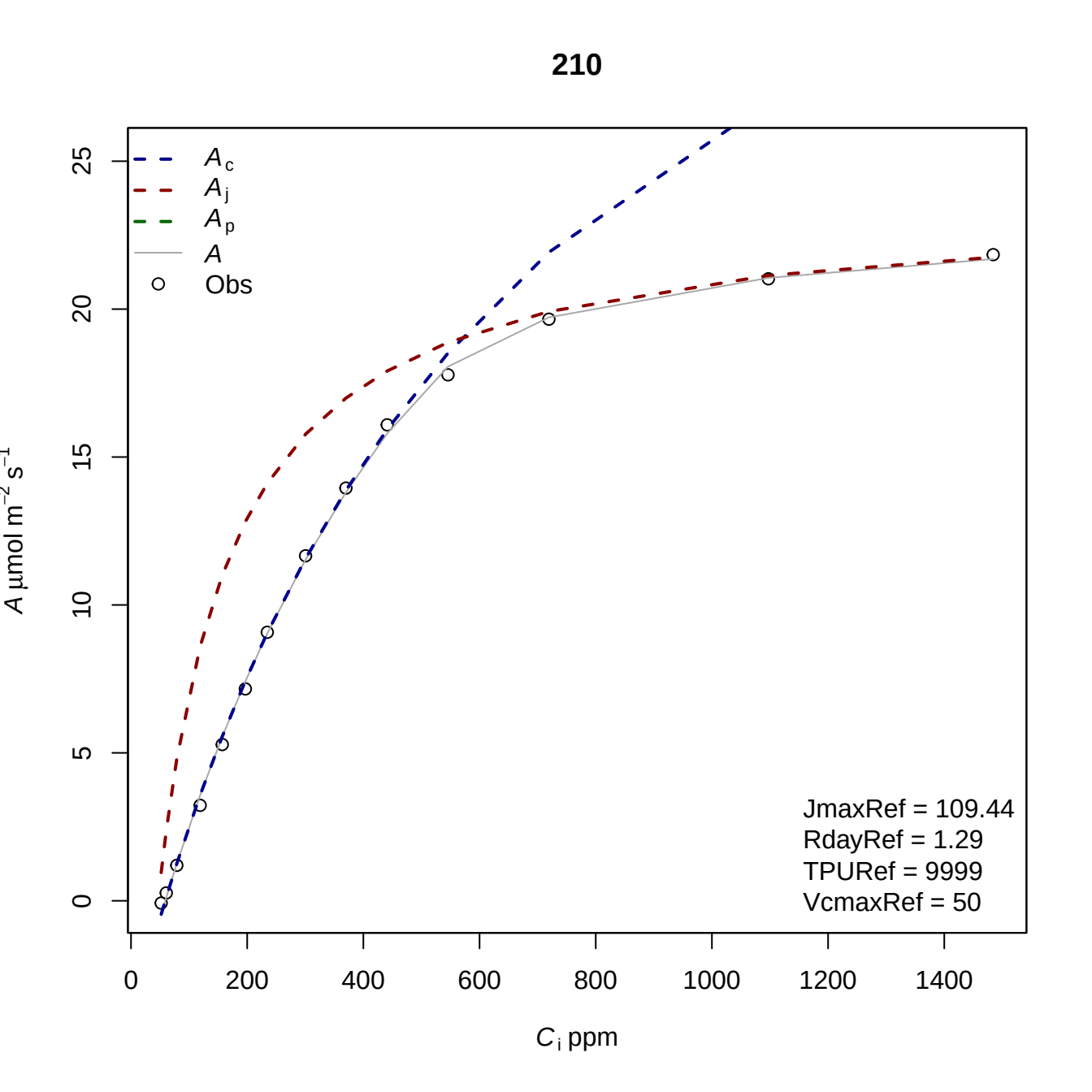

204
A_c
A_j
A_p
A
Obs
JmaxRef = 113.48
RdayRef = 0.42
TPURef = 9999
VcmaxRef = 49.24
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

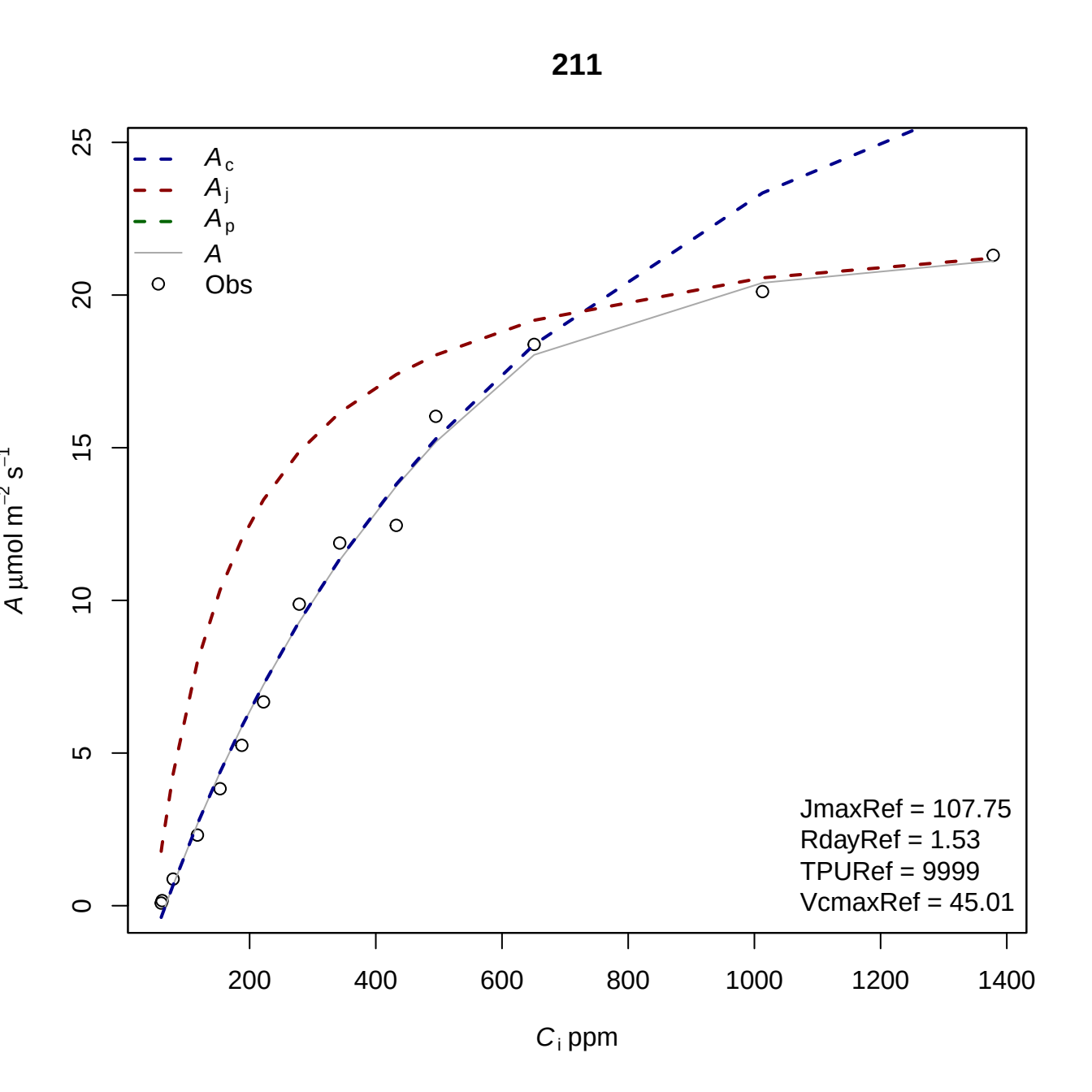

205
A_c
A_j
A_p
A
Obs
JmaxRef = 115.05
RdayRef = 1.69
TPURef = 9999
VcmaxRef = 52.32
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000
1200
1400

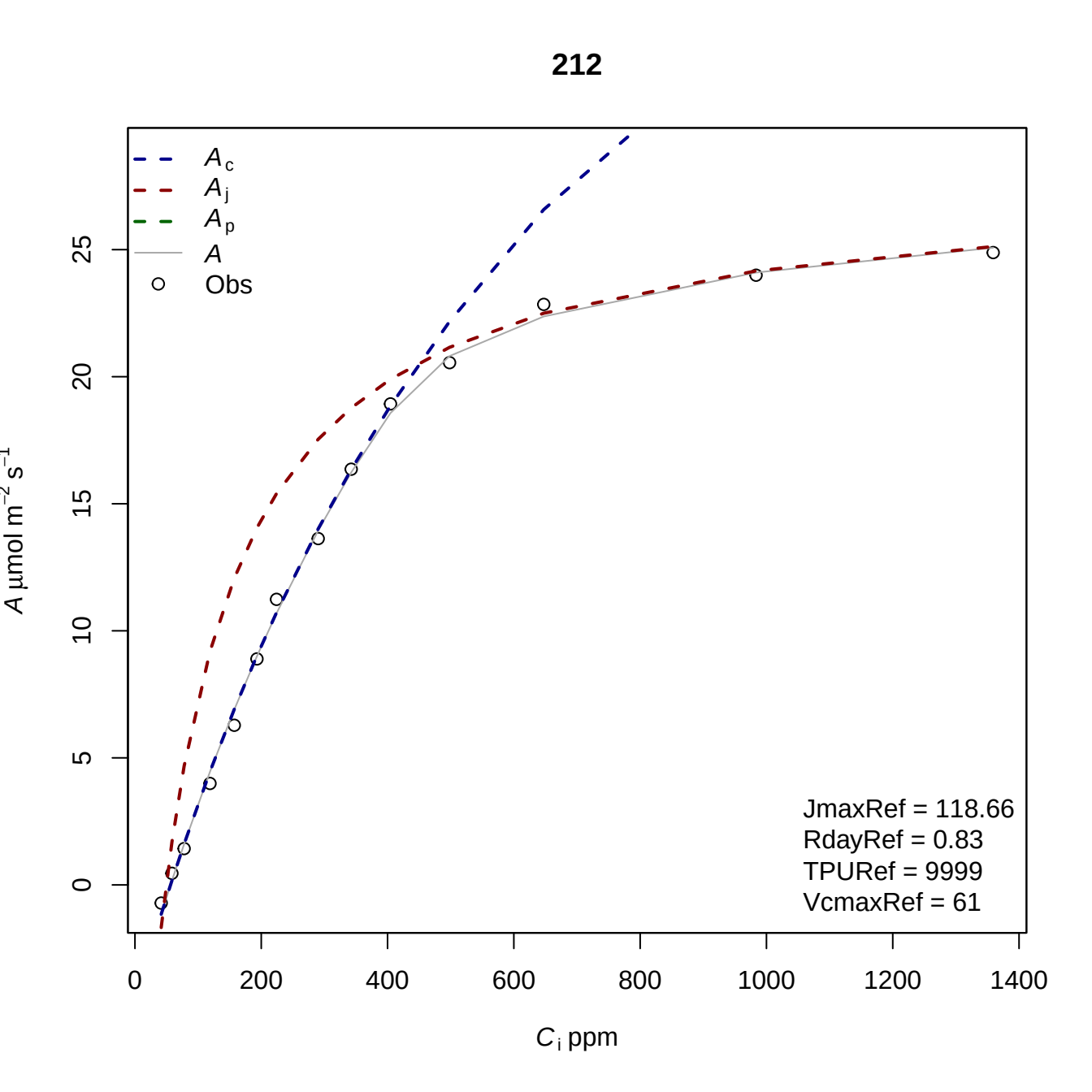

206
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.38
TPURef = 7.76
VcmaxRef = 76.18
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000

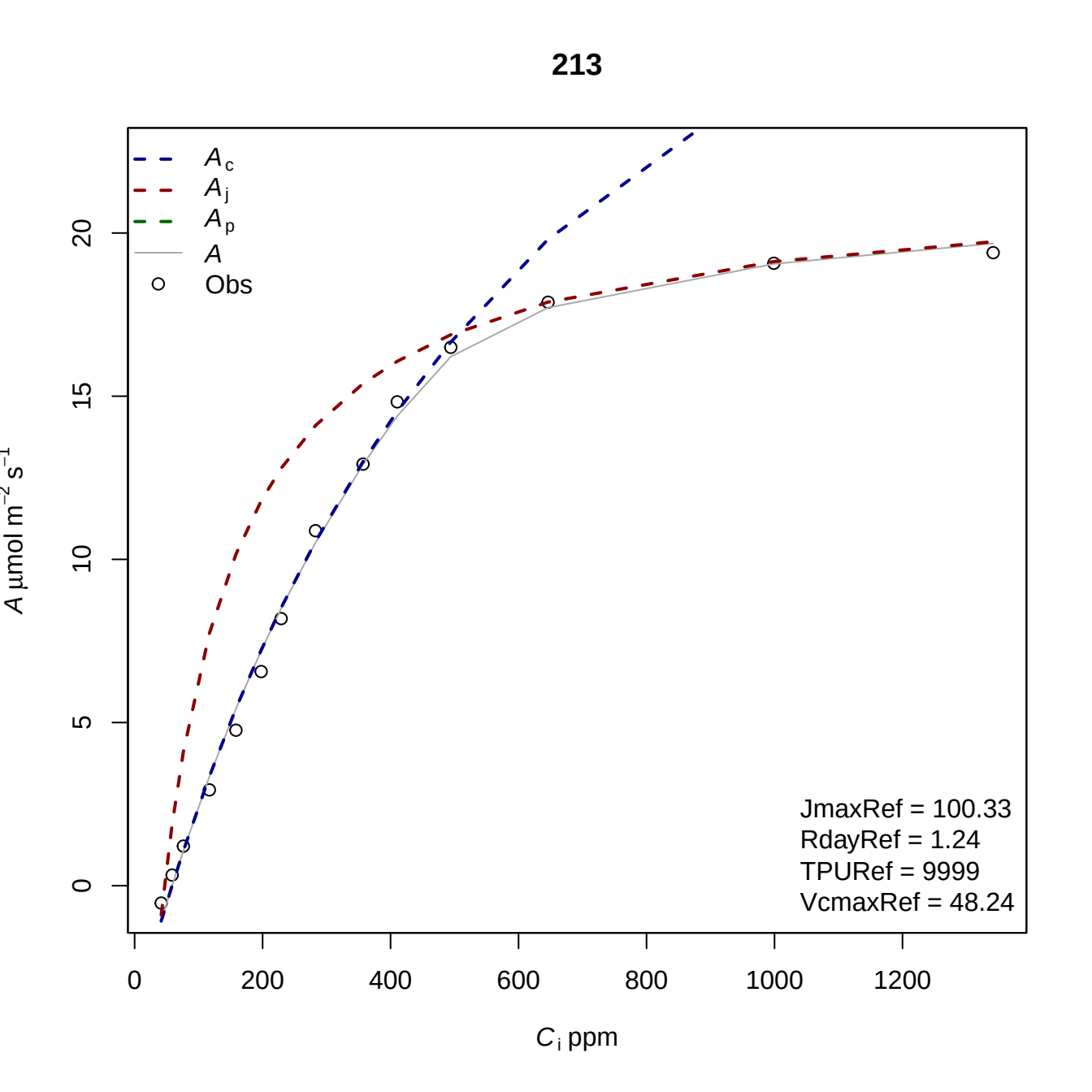

207
A_c
A_j
A_p
A
Obs
JmaxRef = 159.63
RdayRef = 0.23
TPURef = 10.25
VcmaxRef = 95.8
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
200
400
600
800

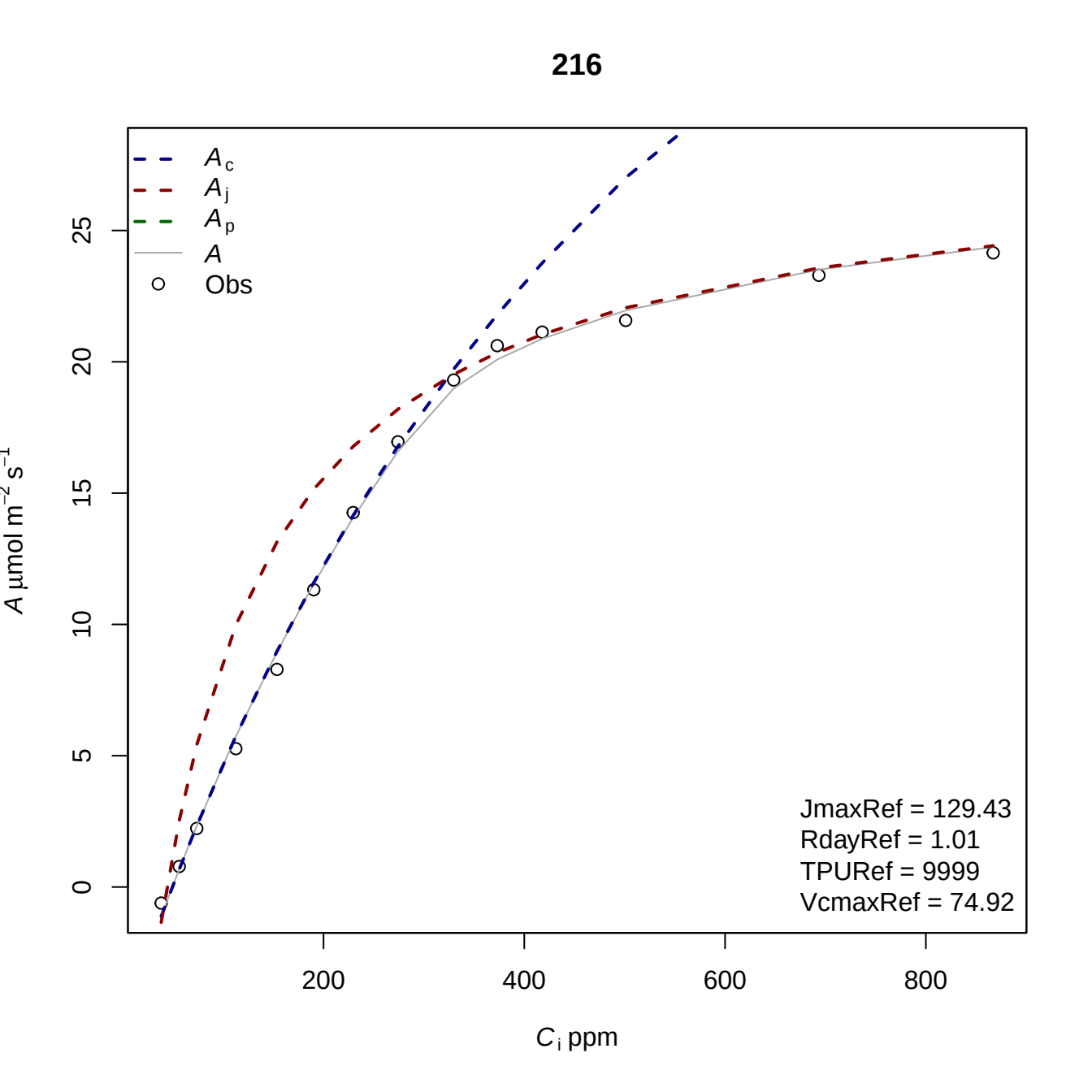

209
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.77
TPURef = 5.29
VcmaxRef = 74.61
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
50
100
150
200
250
300
350
400

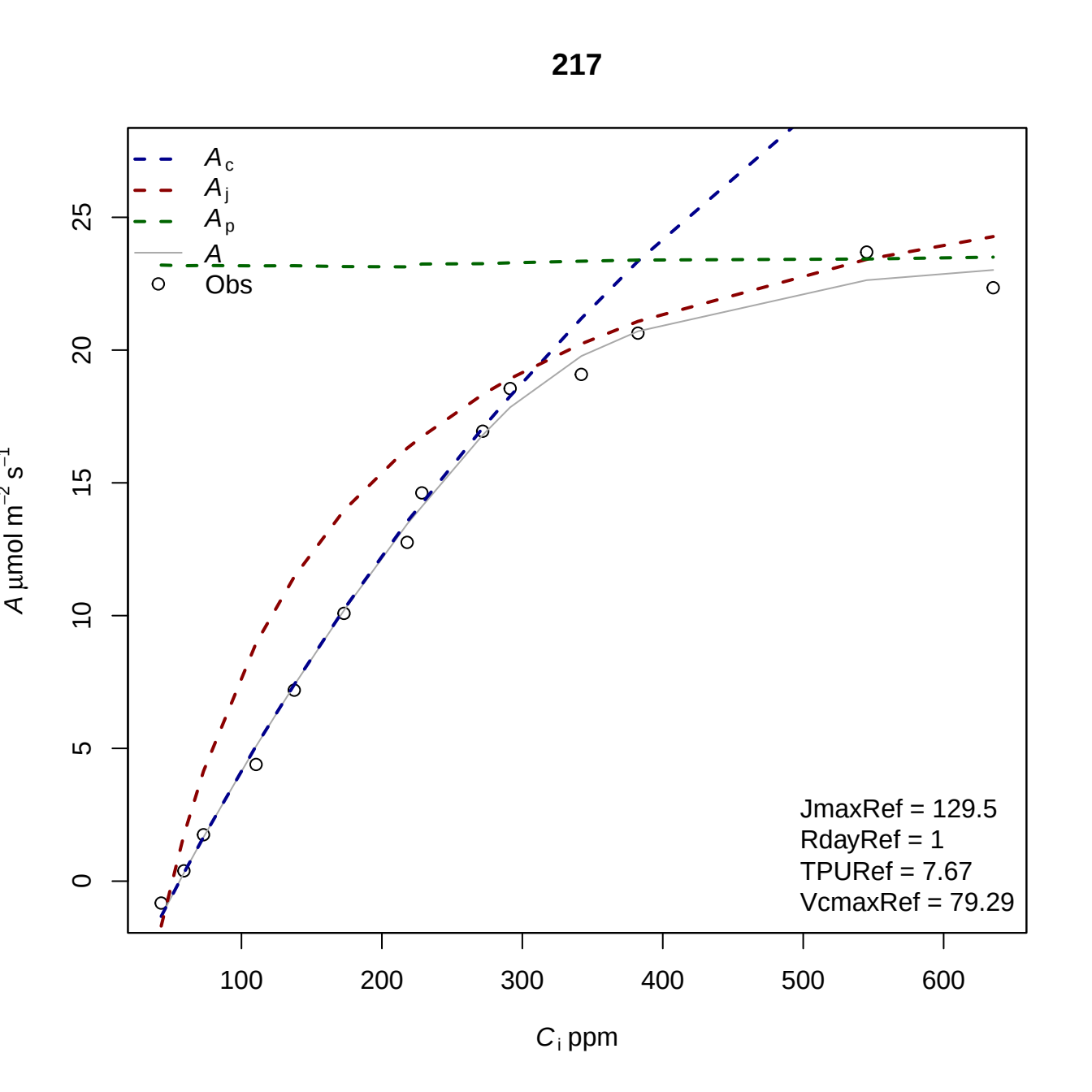

210
A_c
A_j
A_p
A
Obs
JmaxRef = 109.44
RdayRef = 1.29
TPURef = 9999
VcmaxRef = 50
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

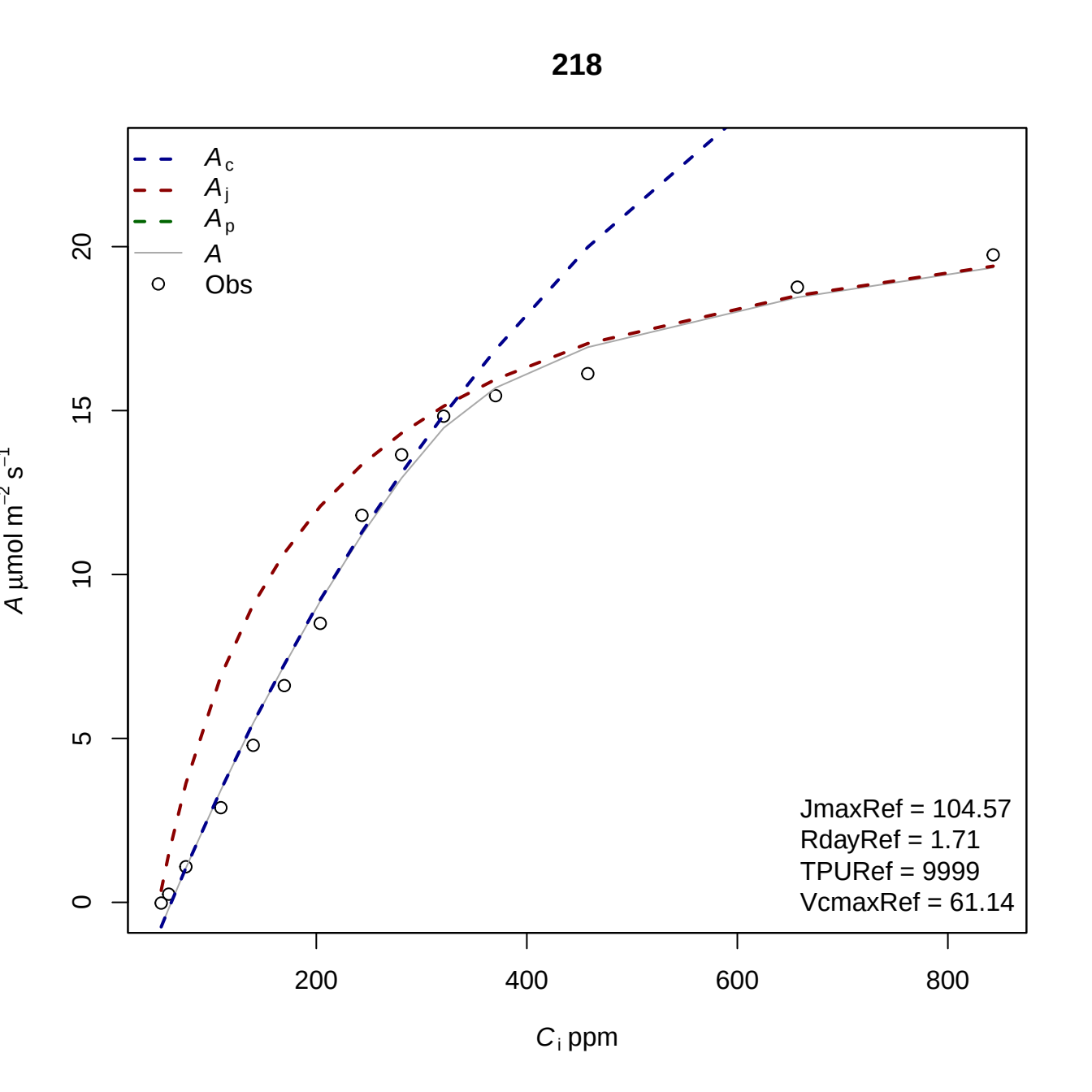

211
A_c
A_j
A_p
A
Obs
JmaxRef = 107.75
RdayRef = 1.53
TPURef = 9999
VcmaxRef = 45.01
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000
1200
1400

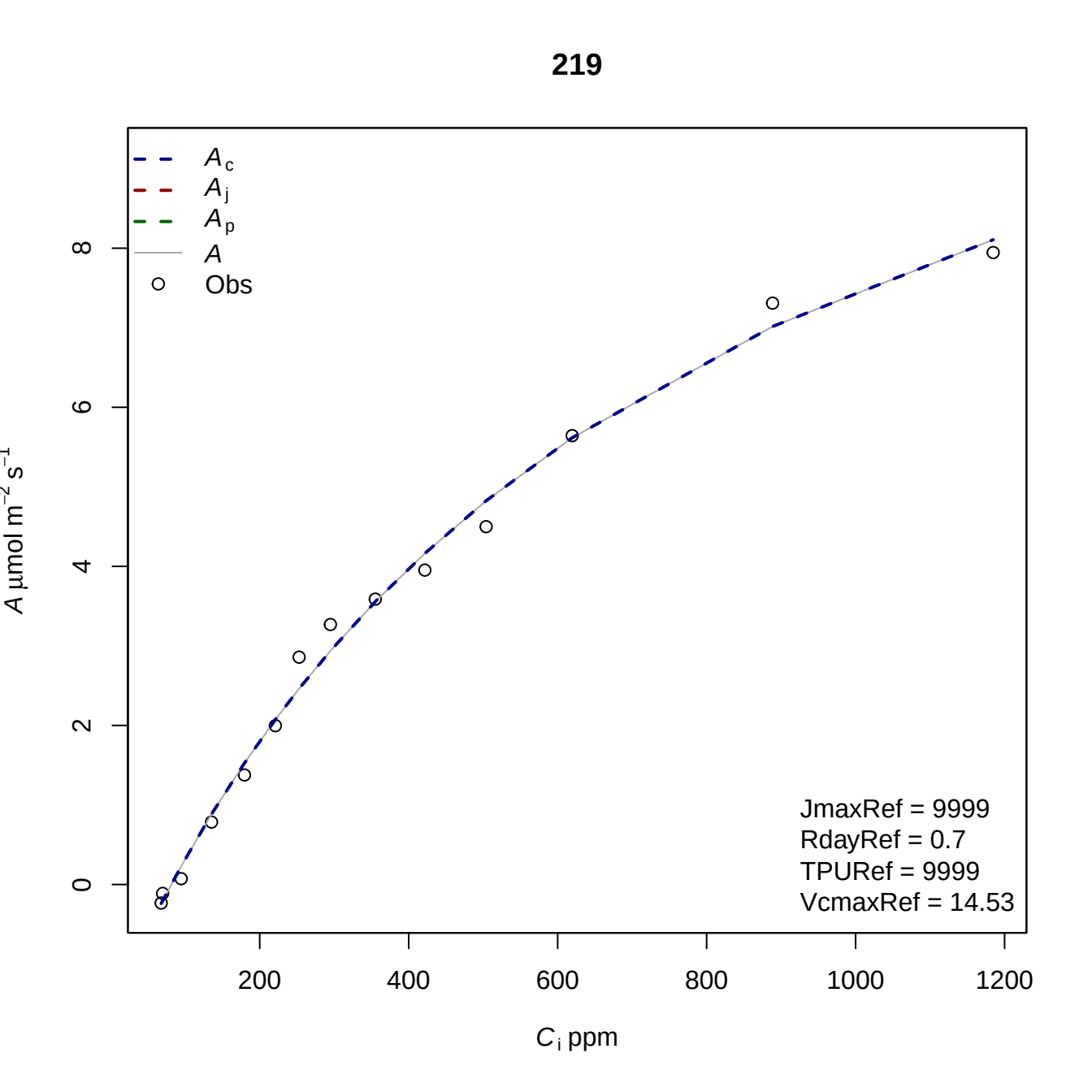

212
A_c
A_j
A_p
A
Obs
JmaxRef = 118.66
RdayRef = 0.83
TPURef = 9999
VcmaxRef = 61
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

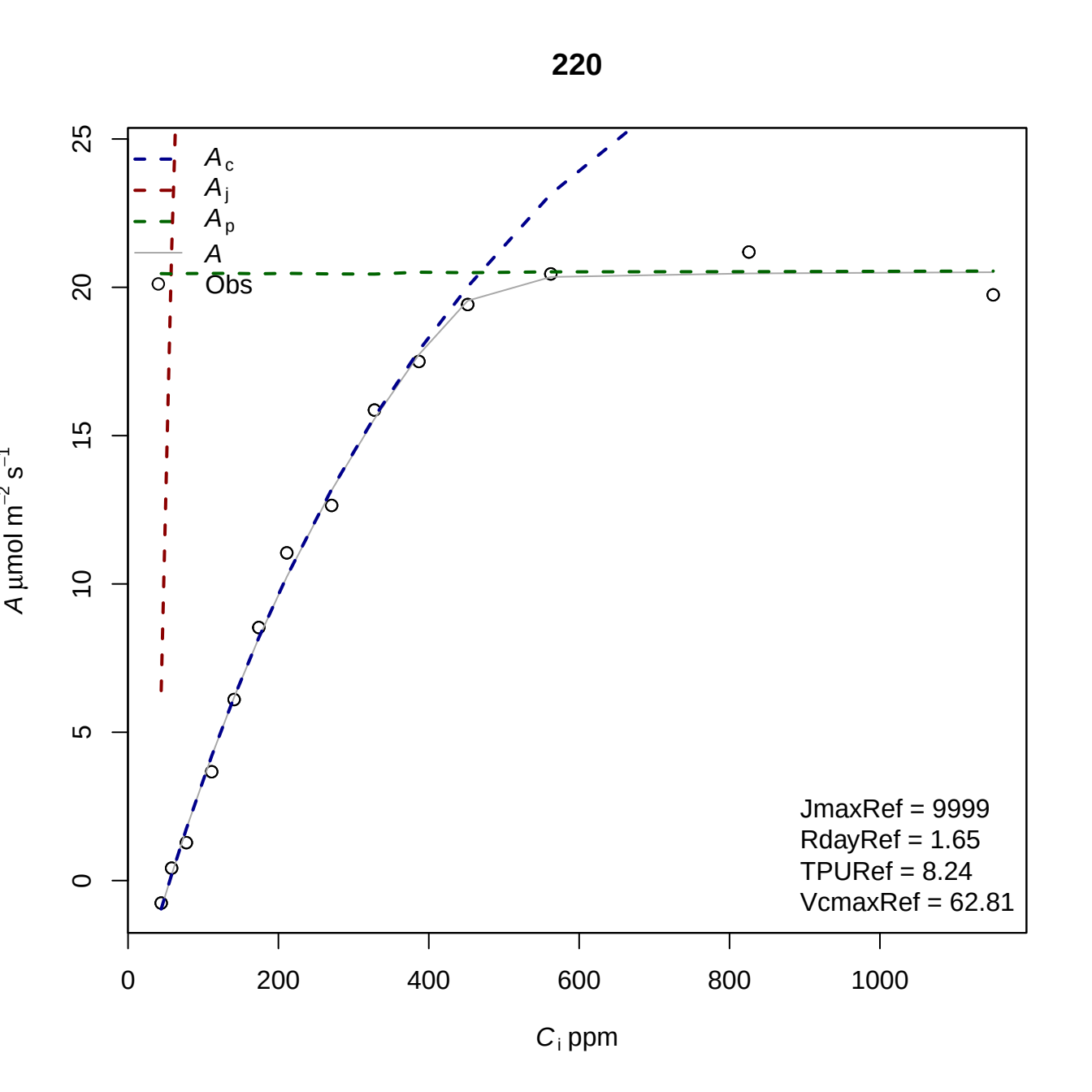

213
A_c
A_j
A_p
A
Obs
JmaxRef = 100.33
RdayRef = 1.24
TPURef = 9999
VcmaxRef = 48.24
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

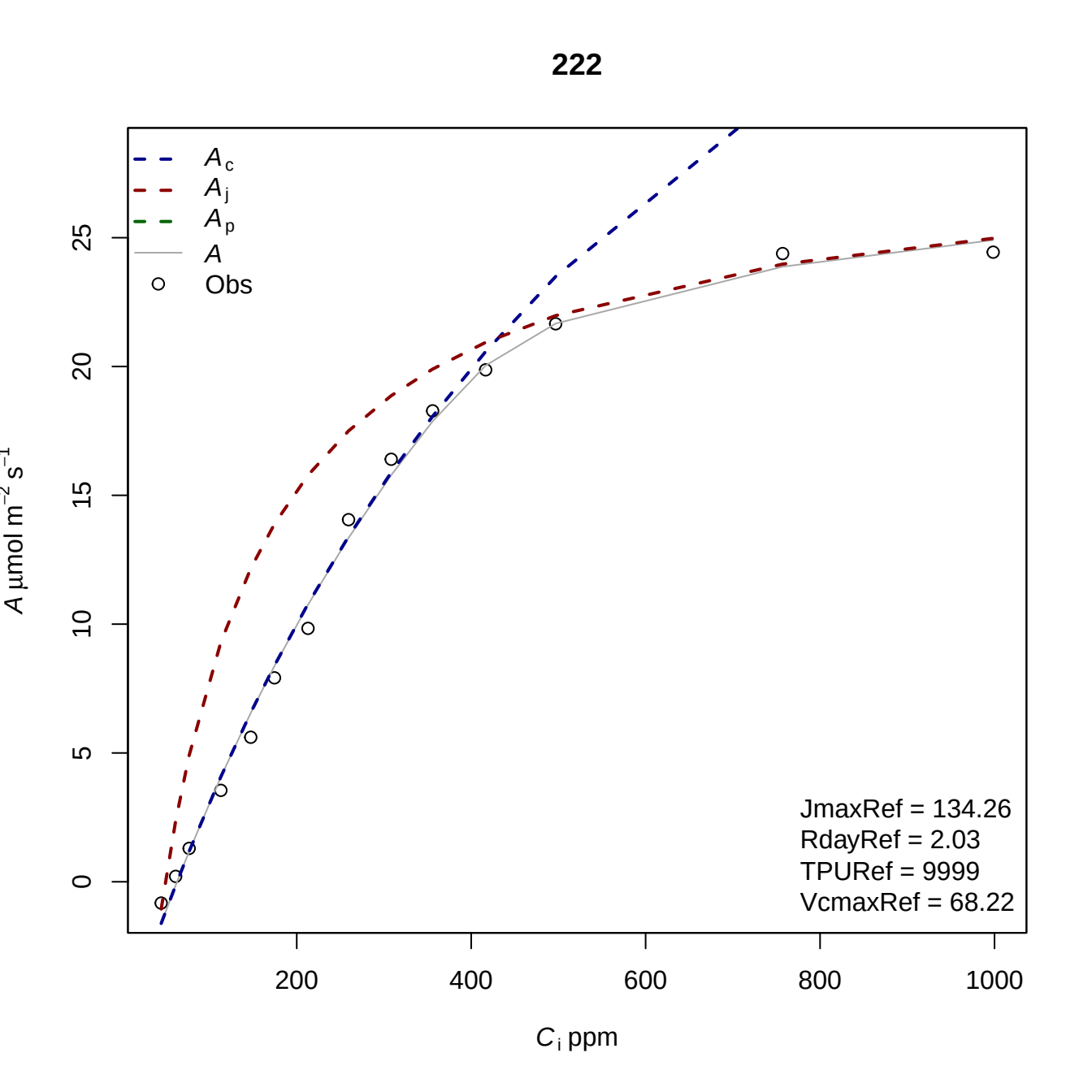

216
A_c
A_j
A_p
A
Obs
JmaxRef = 129.43
RdayRef = 1.01
TPURef = 9999
VcmaxRef = 74.92
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800

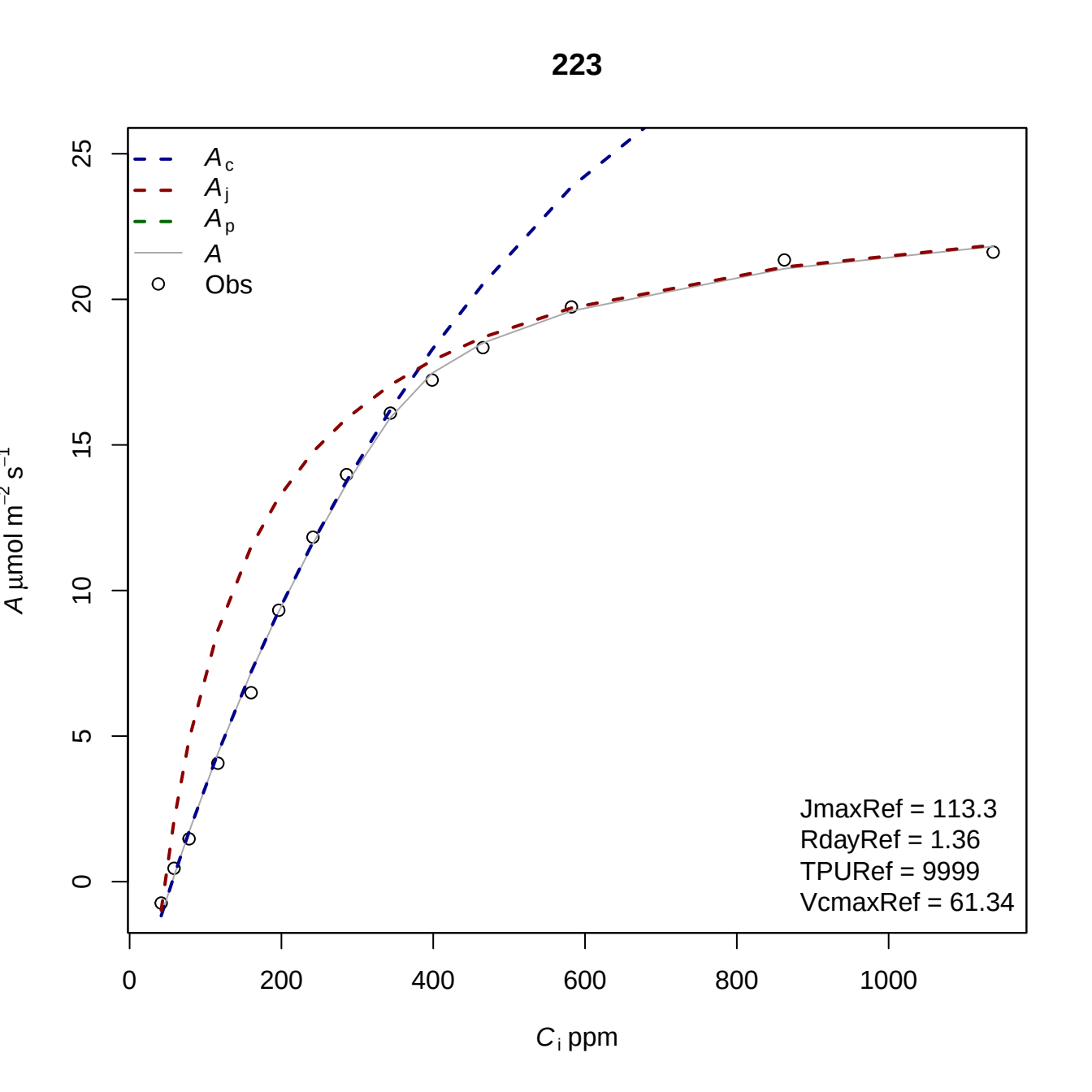

217
A_c
A_j
A_p
A
Obs
JmaxRef = 129.5
RdayRef = 1
TPURef = 7.67
VcmaxRef = 79.29
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
100
200
300
400
500
600

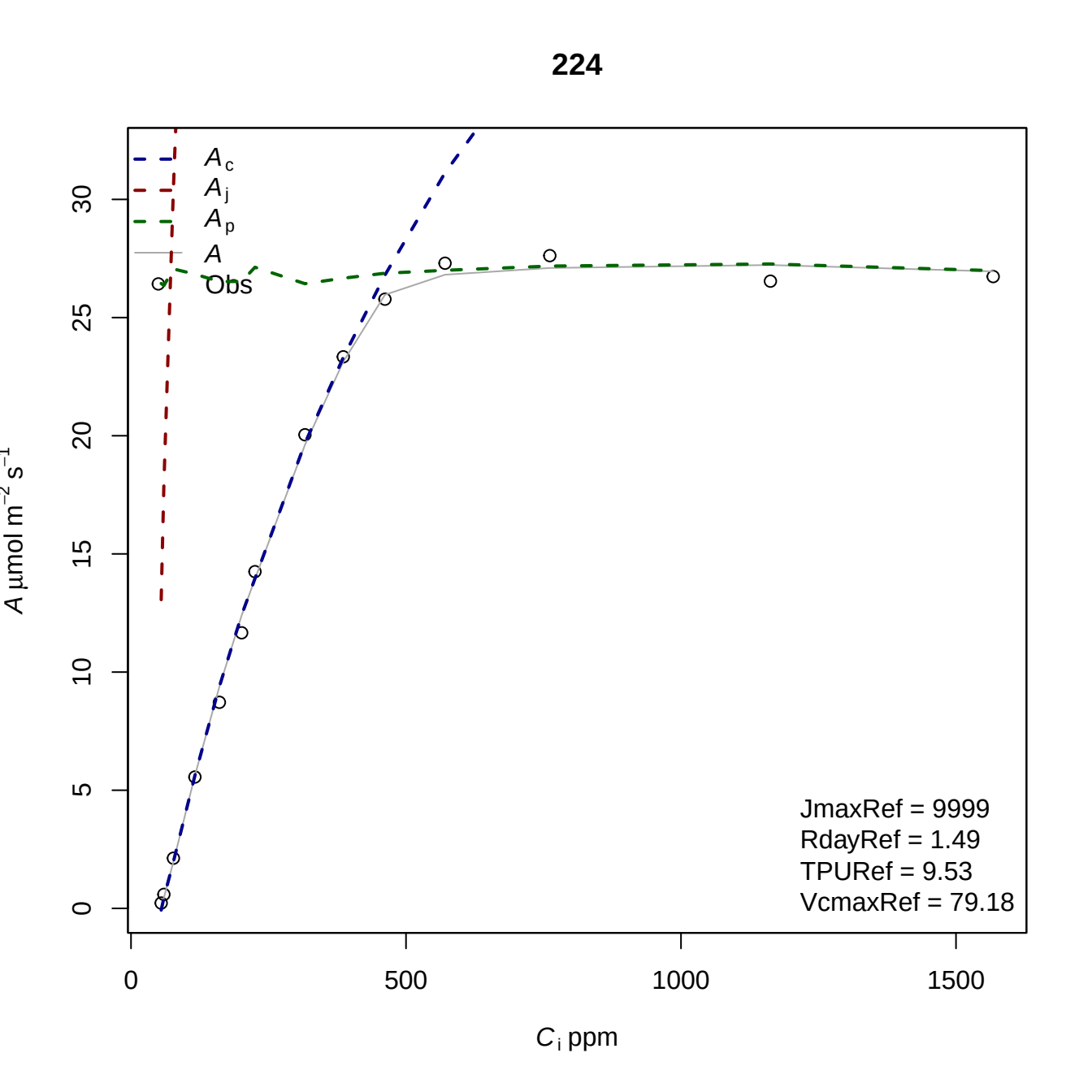

218
A_c
A_j
A_p
A
Obs
JmaxRef = 104.57
RdayRef = 1.71
TPURef = 9999
VcmaxRef = 61.14
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800

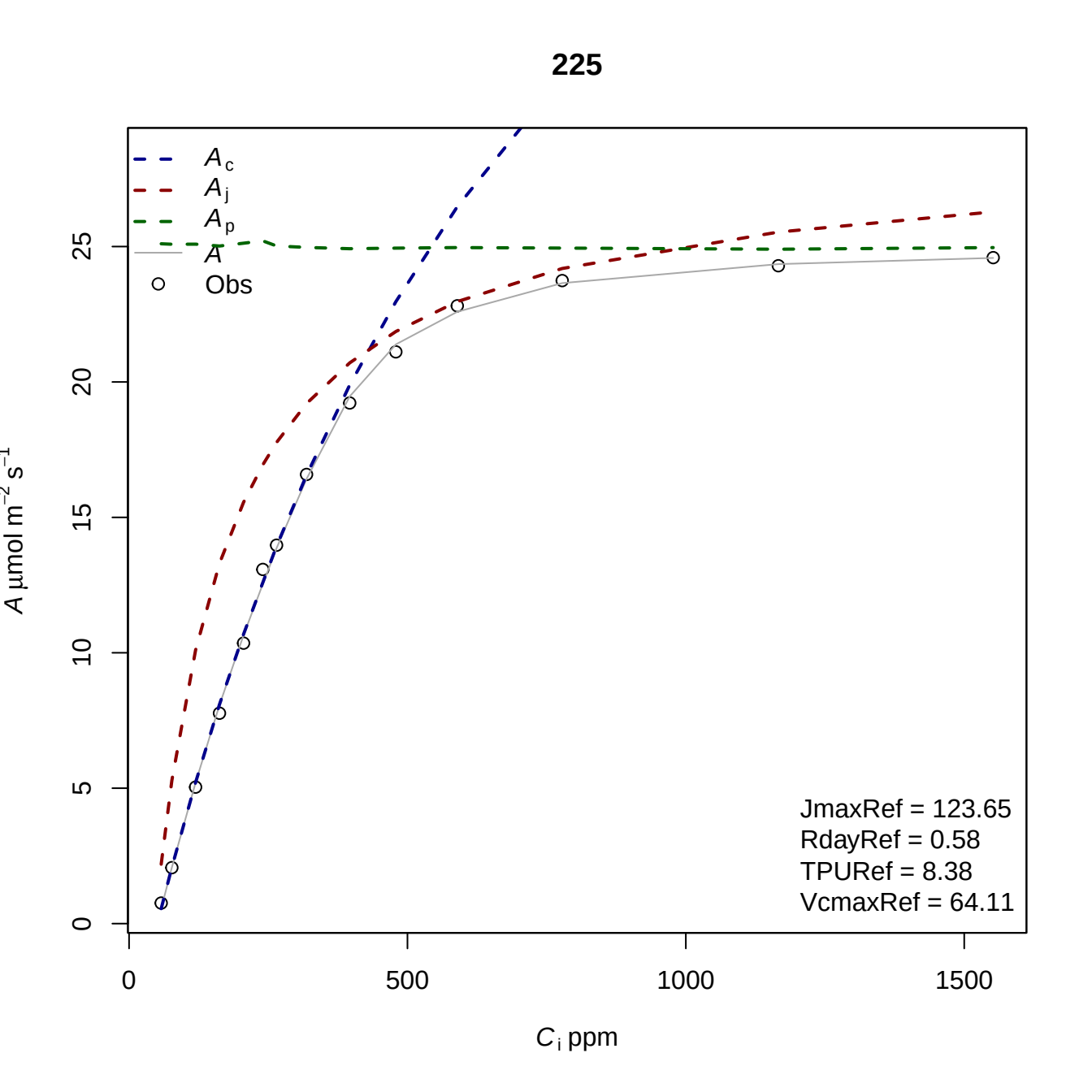

219
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.7
TPURef = 9999
VcmaxRef = 14.53
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
200
400
600
800
1000
1200

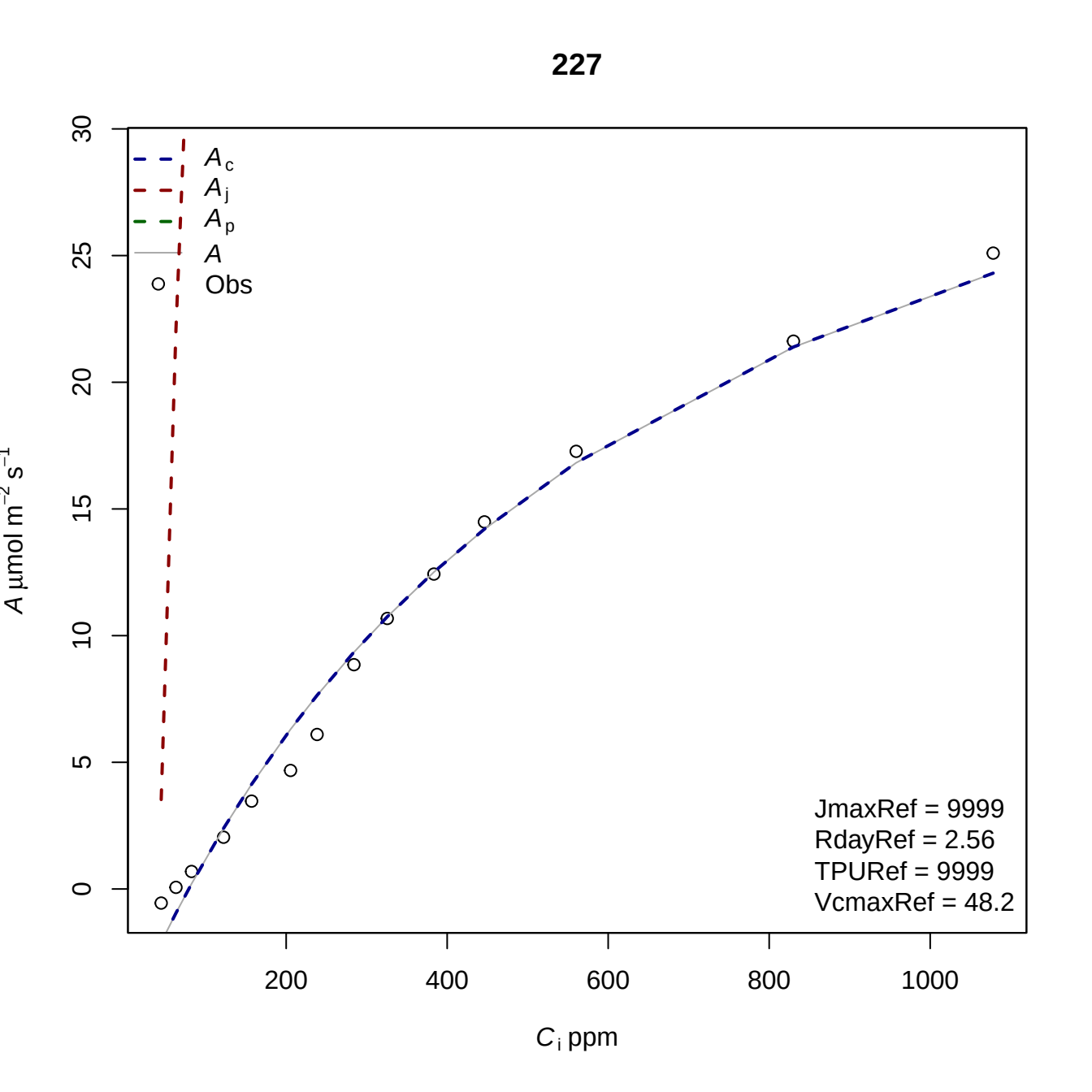

220
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.65
TPURef = 8.24
VcmaxRef = 62.81
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000

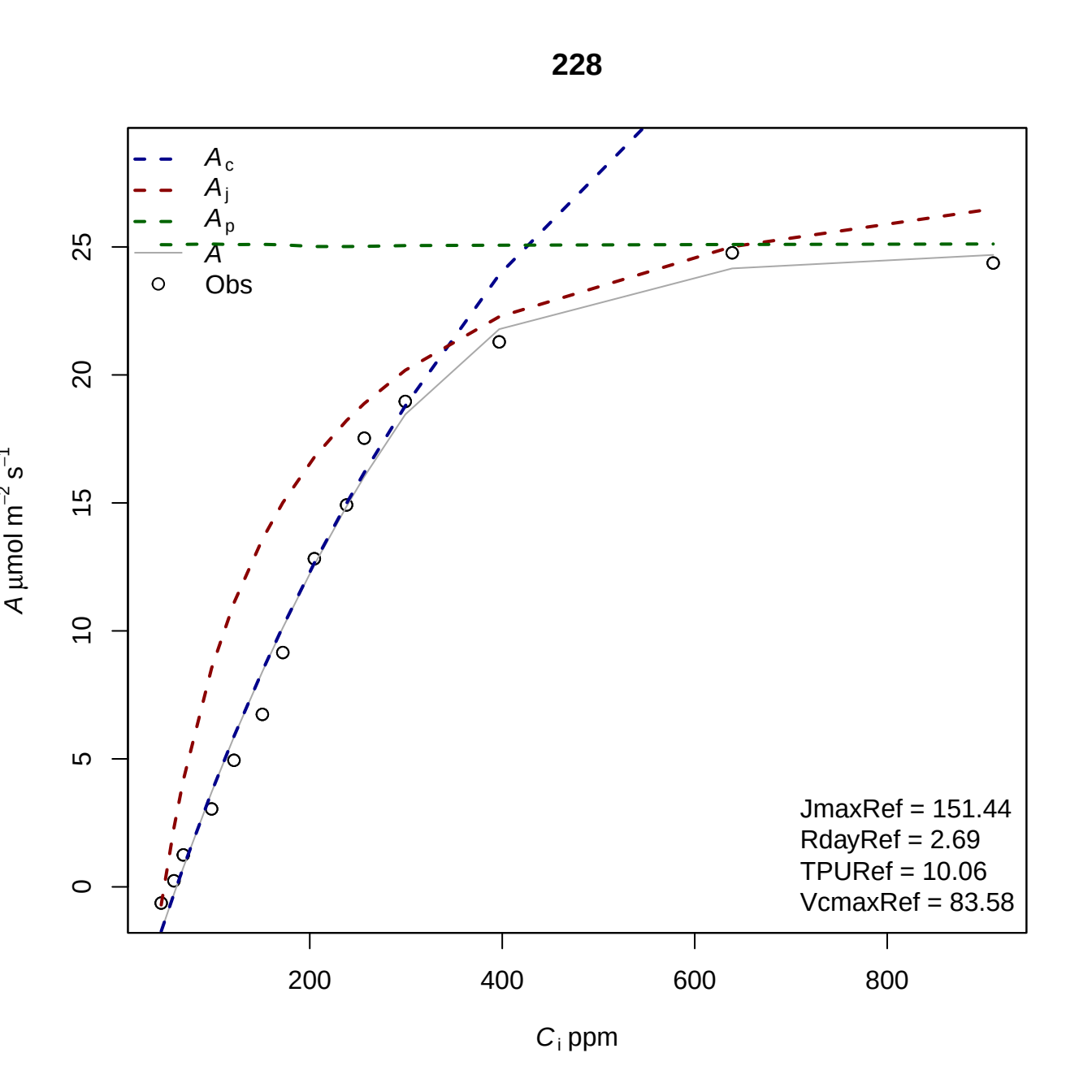

222
A_c
A_j
A_p
A
Obs
JmaxRef = 134.26
RdayRef = 2.03
TPURef = 9999
VcmaxRef = 68.22
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000

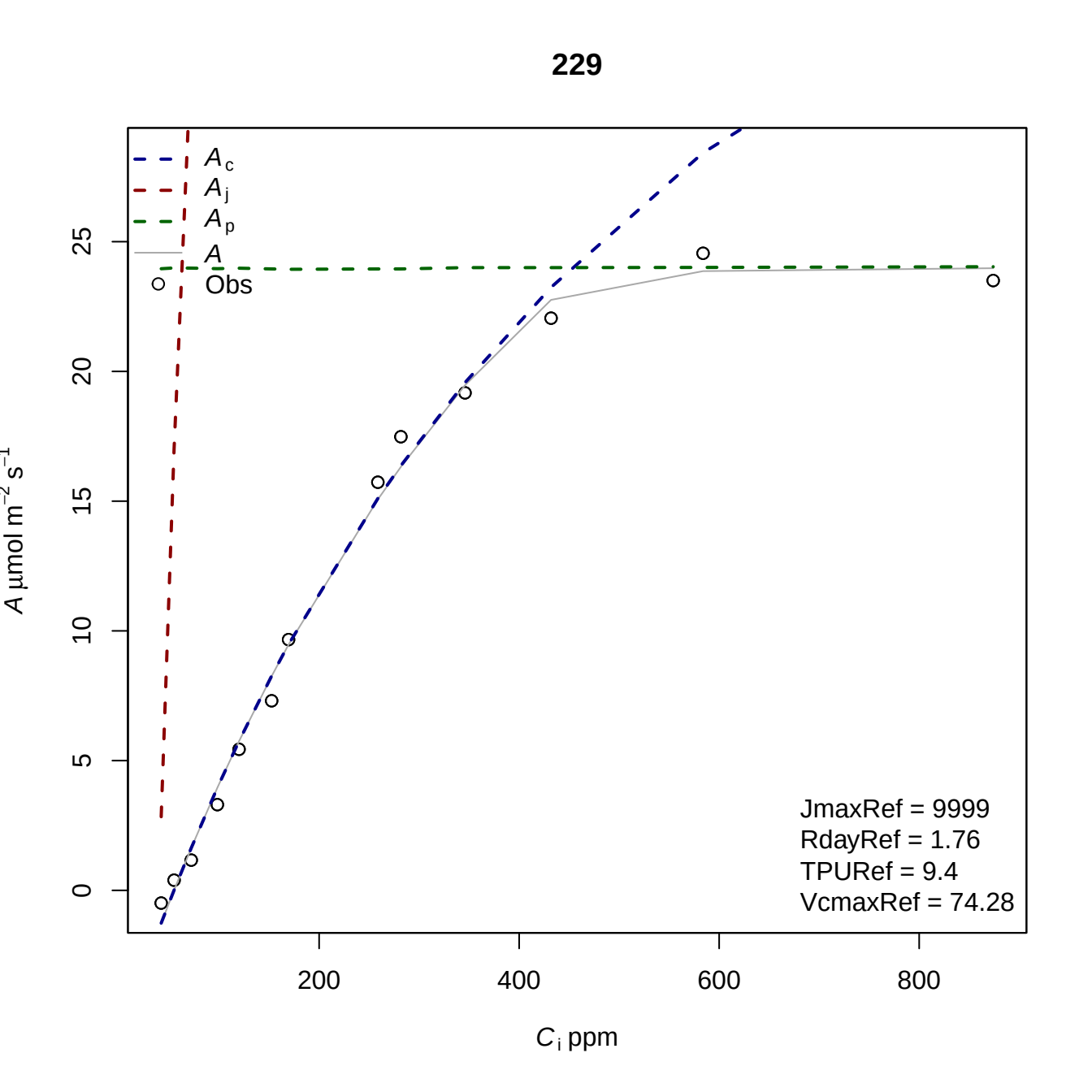

223
A_c
A_j
A_p
A
Obs
JmaxRef = 113.3
RdayRef = 1.36
TPURef = 9999
VcmaxRef = 61.34
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000

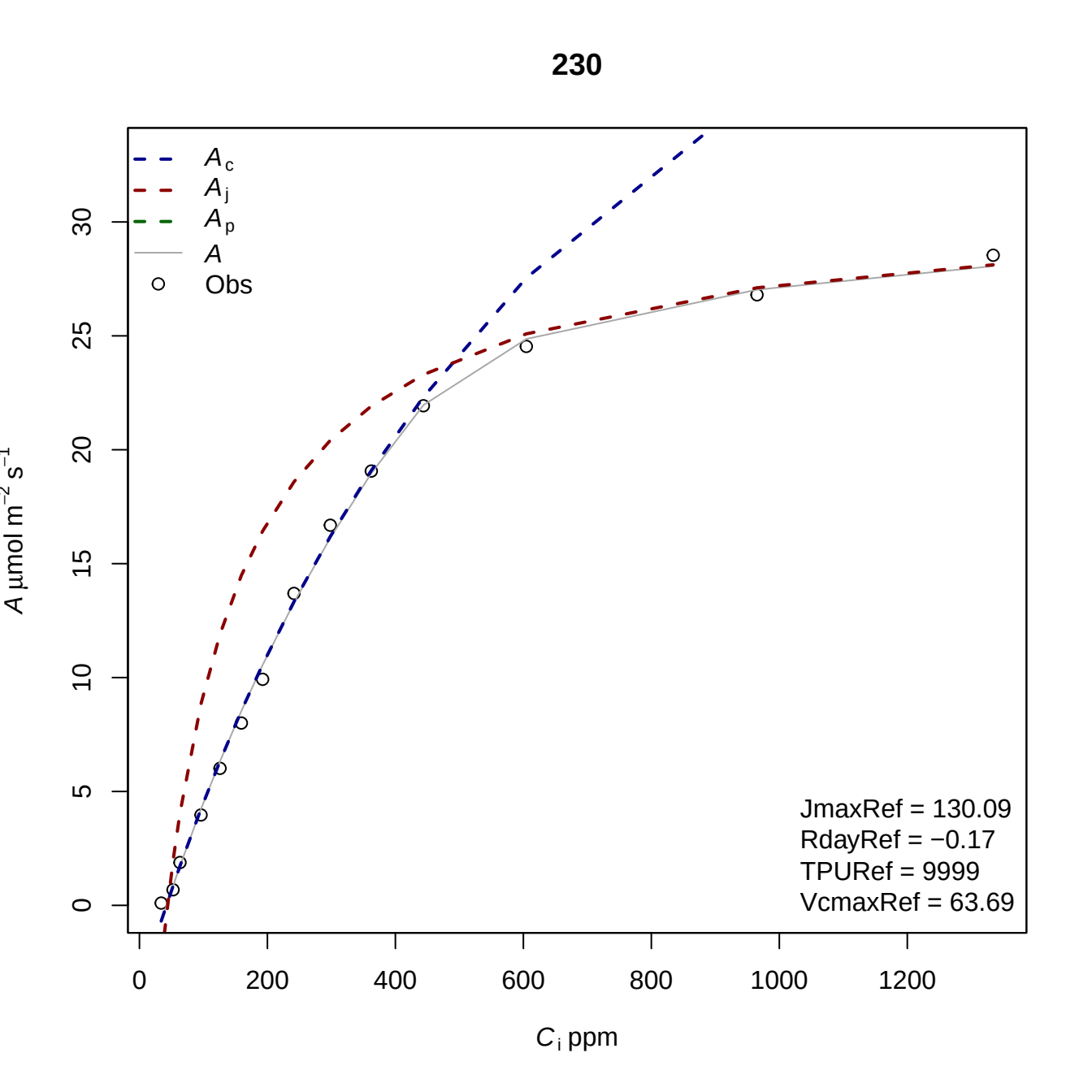

224
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.49
TPURef = 9.53
VcmaxRef = 79.18
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

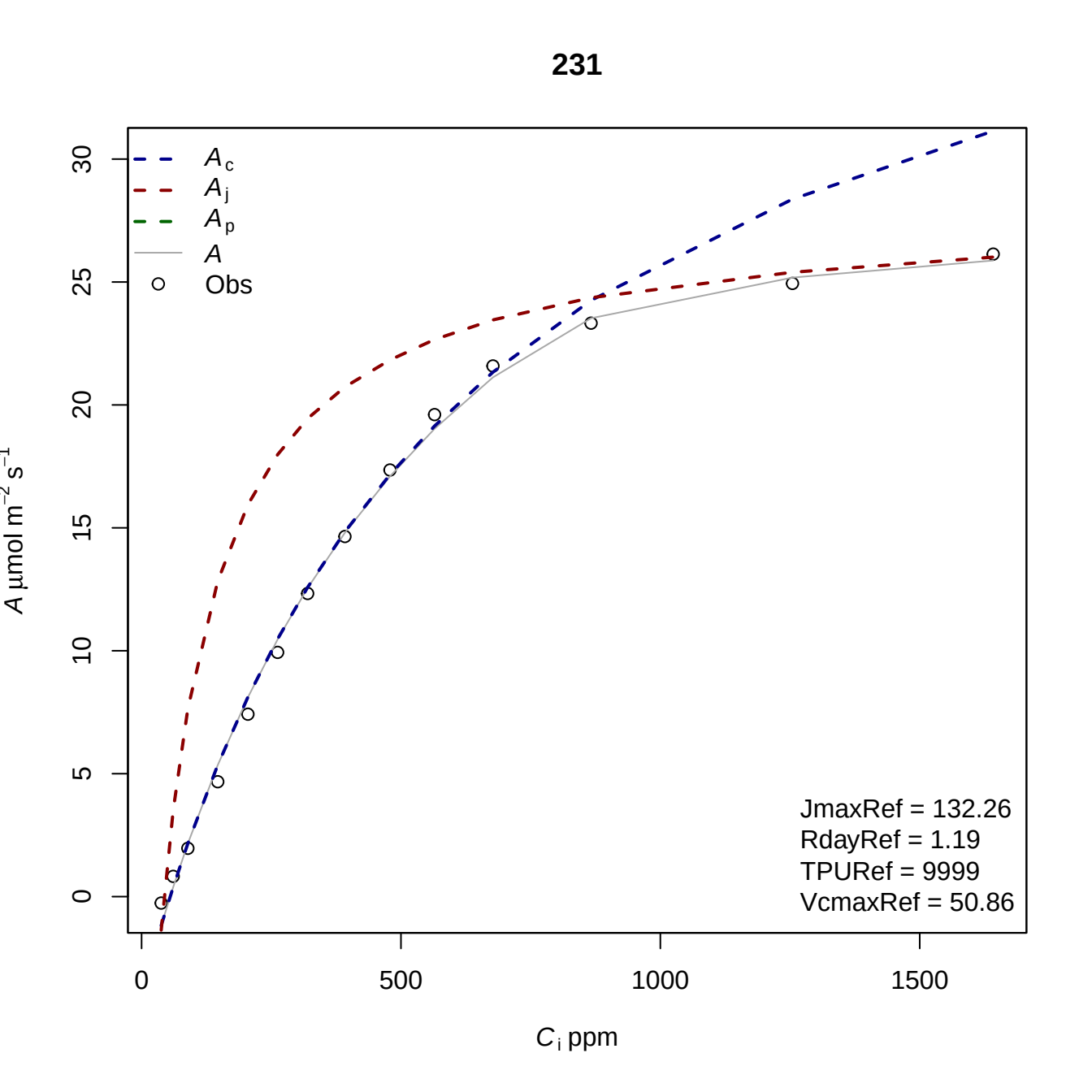

225
A_c
A_j
A_p
A
Obs
JmaxRef = 123.65
RdayRef = 0.58
TPURef = 8.38
VcmaxRef = 64.11
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

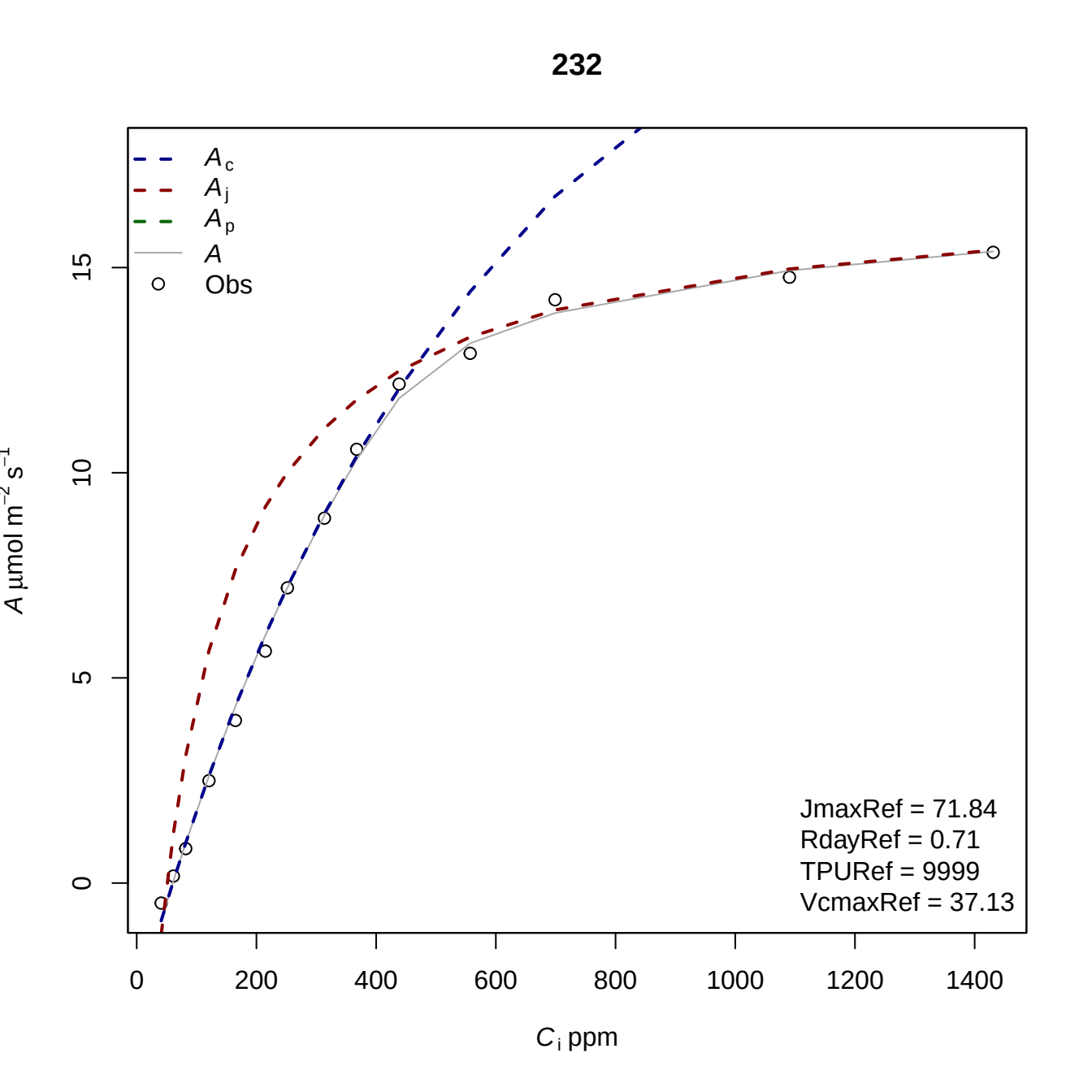

227
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 2.56
TPURef = 9999
VcmaxRef = 48.2
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000

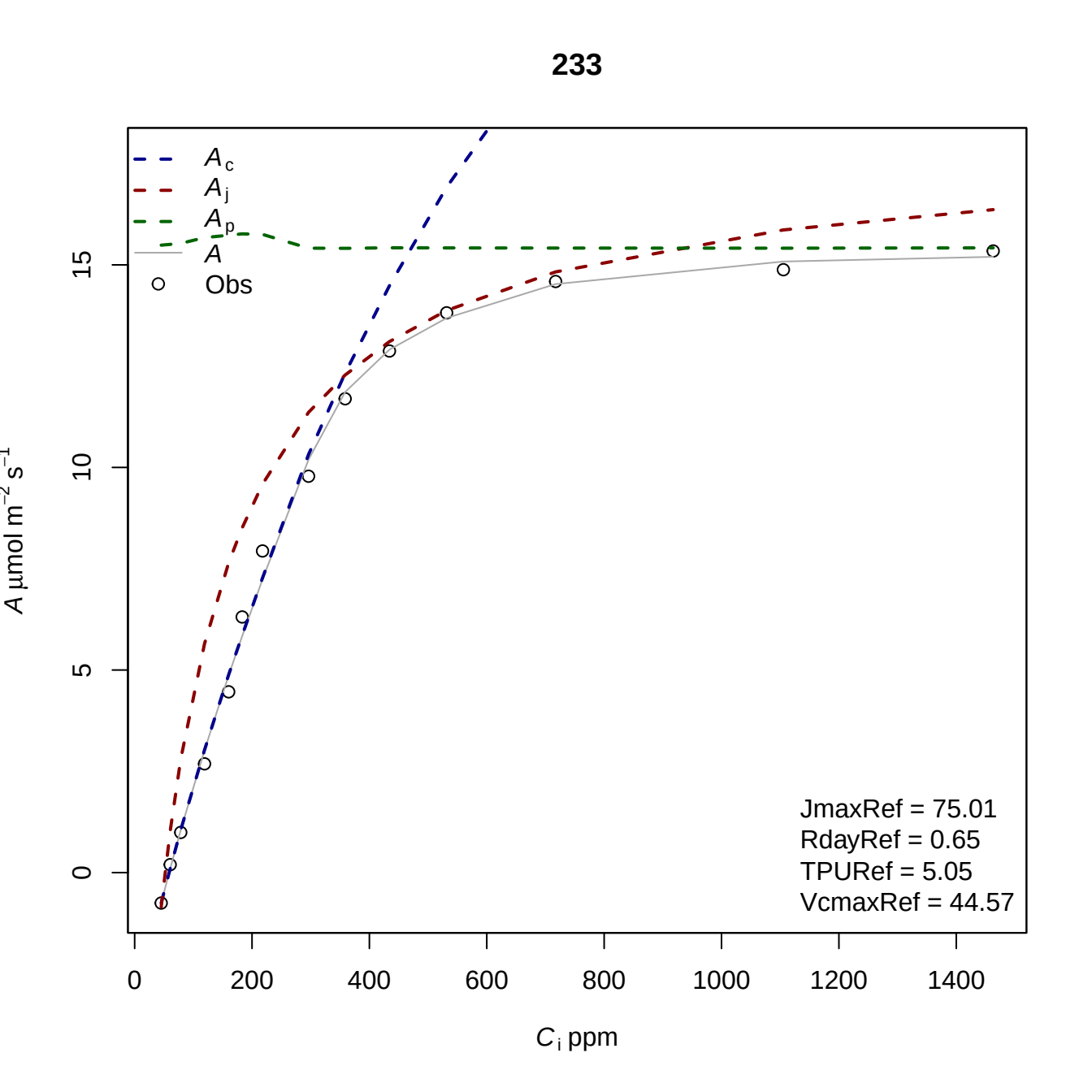

228
A_c
A_j
A_p
A
Obs
JmaxRef = 151.44
RdayRef = 2.69
TPURef = 10.06
VcmaxRef = 83.58
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800

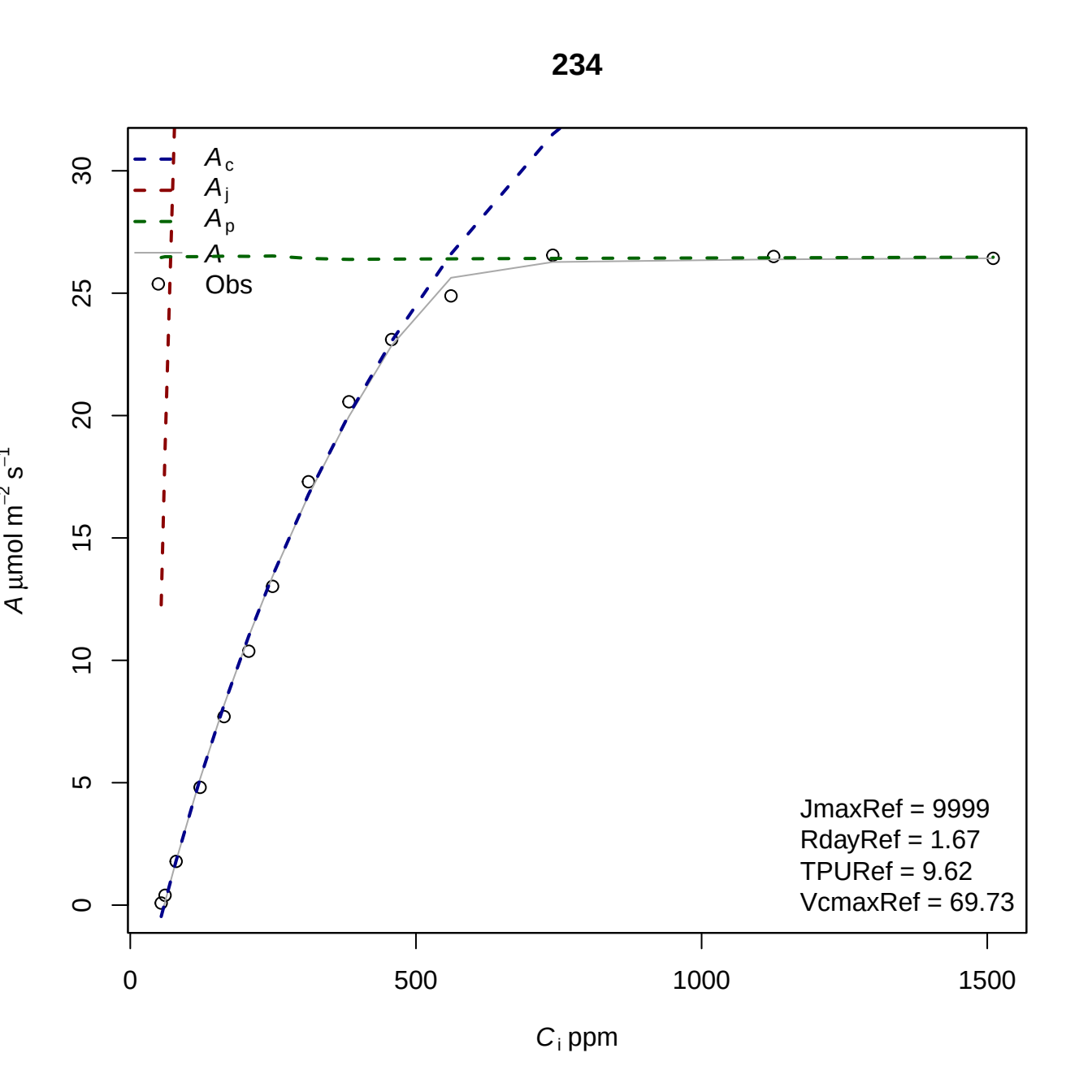

229
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.76
TPURef = 9.4
VcmaxRef = 74.28
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800

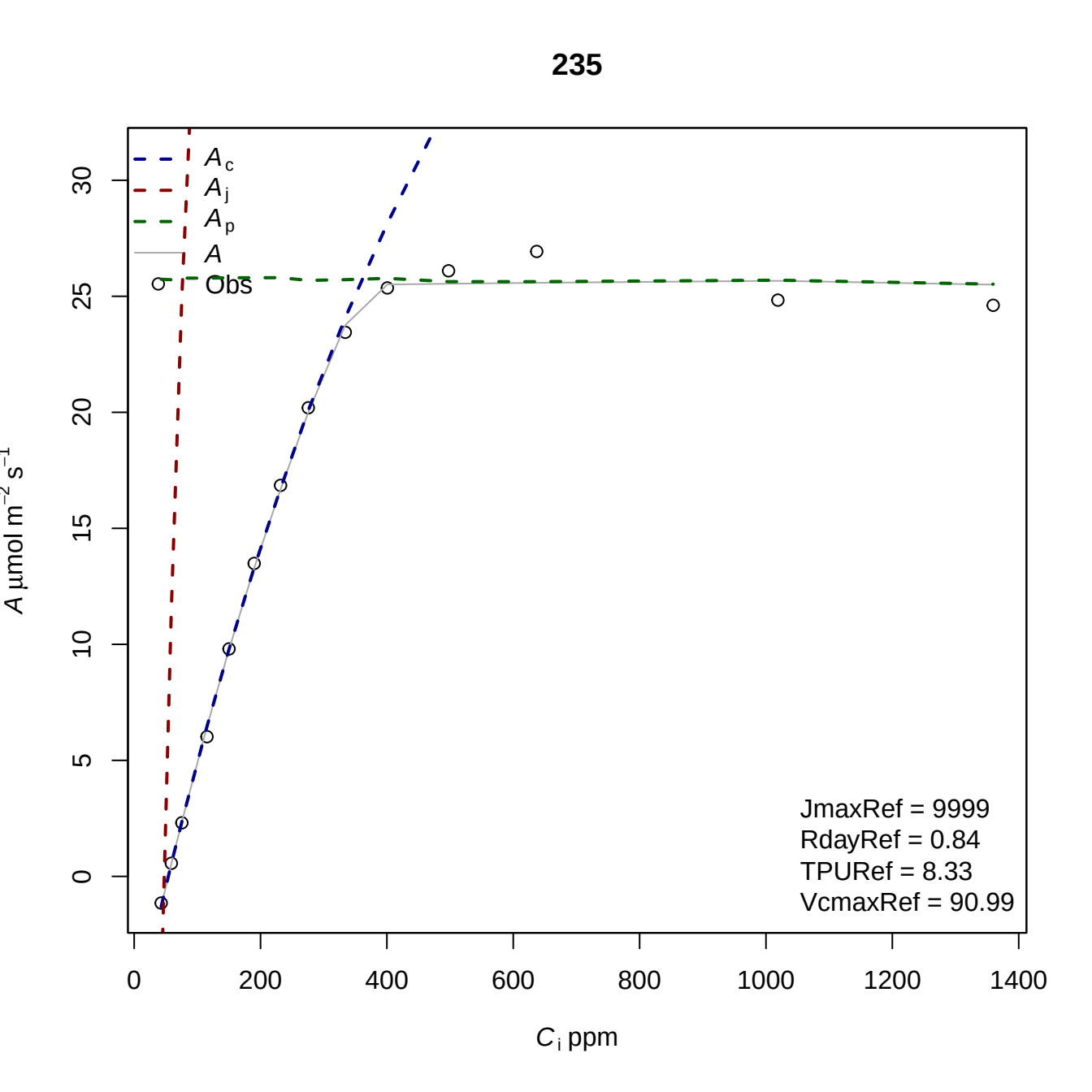

230
A_c
A_j
A_p
A
Obs
JmaxRef = 130.09
RdayRef = −0.17
TPURef = 9999
VcmaxRef = 63.69
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

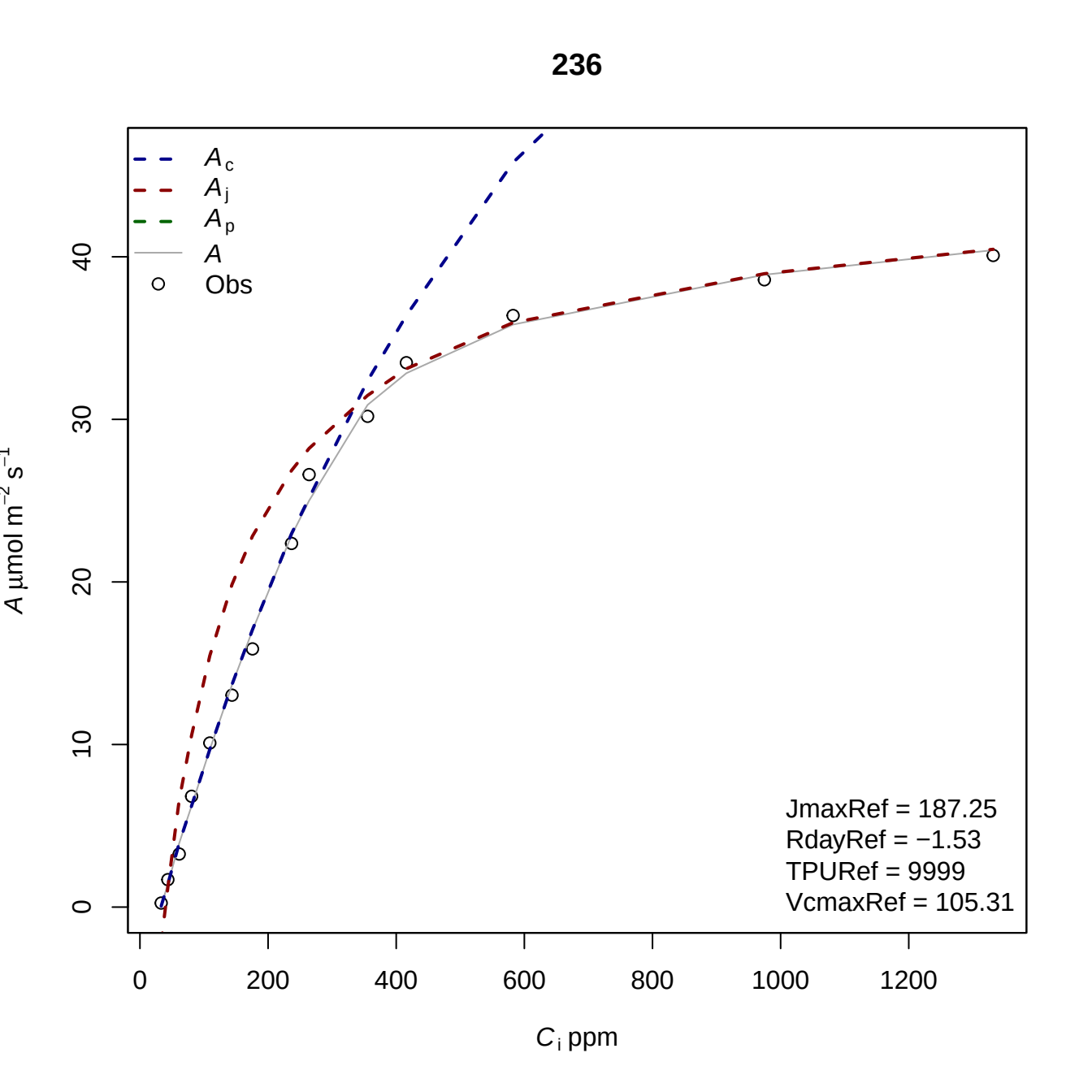

231
A_c
A_j
A_p
A
Obs
JmaxRef = 132.26
RdayRef = 1.19
TPURef = 9999
VcmaxRef = 50.86
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

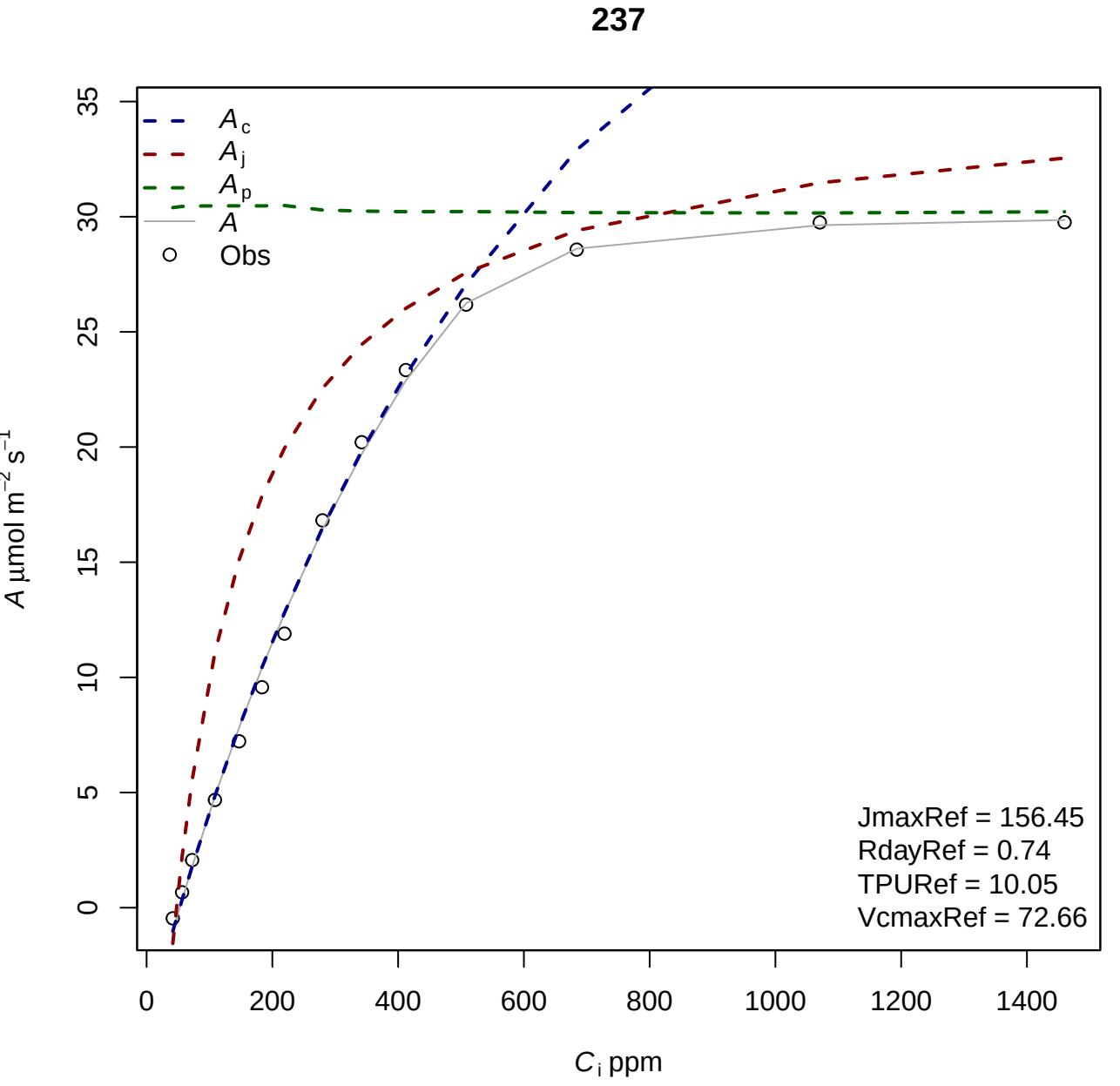

232
A_c
A_j
A_p
A
Obs
JmaxRef = 71.84
RdayRef = 0.71
TPURef = 9999
VcmaxRef = 37.13
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

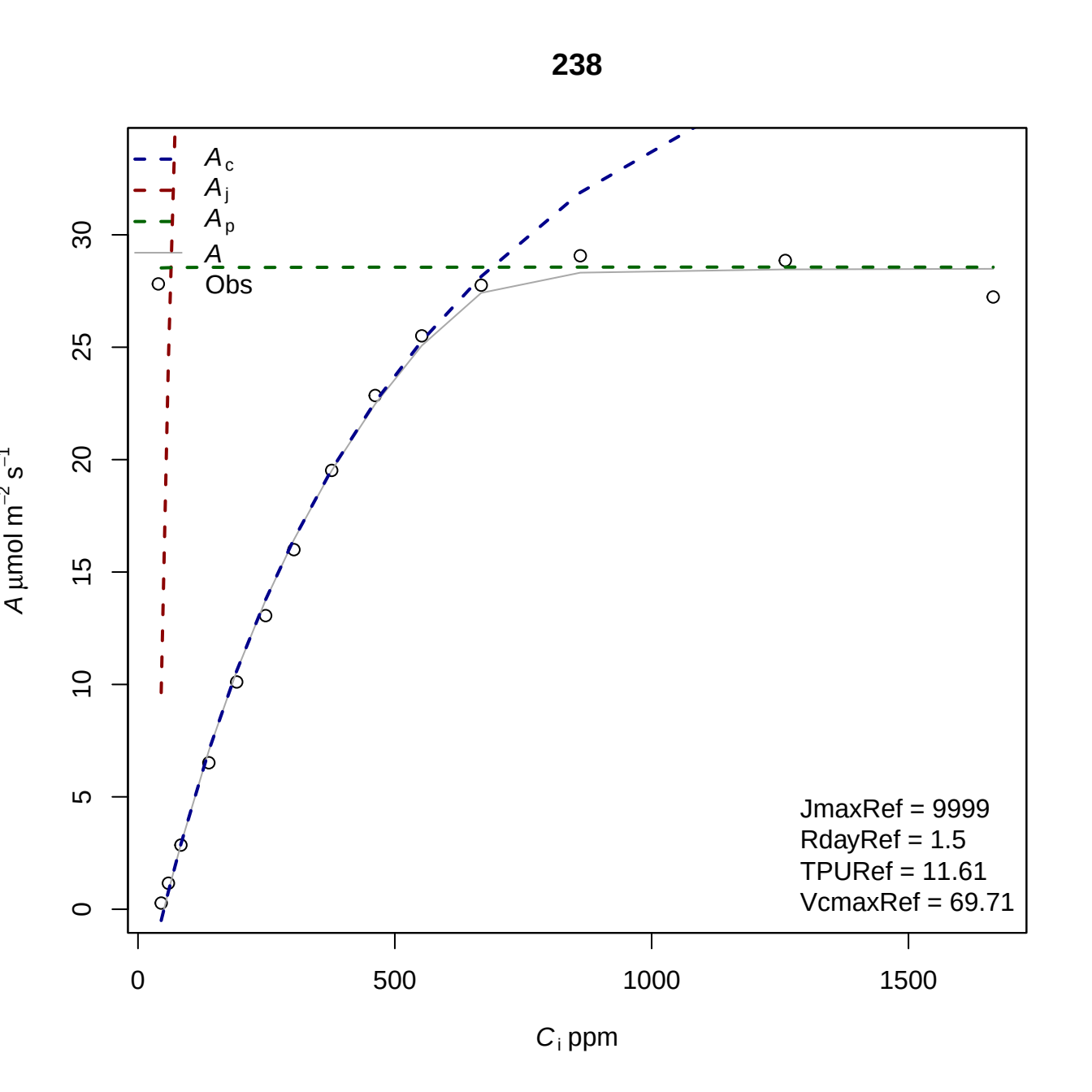

233
A_c
A_j
A_p
A
Obs
JmaxRef = 75.01
RdayRef = 0.65
TPURef = 5.05
VcmaxRef = 44.57
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

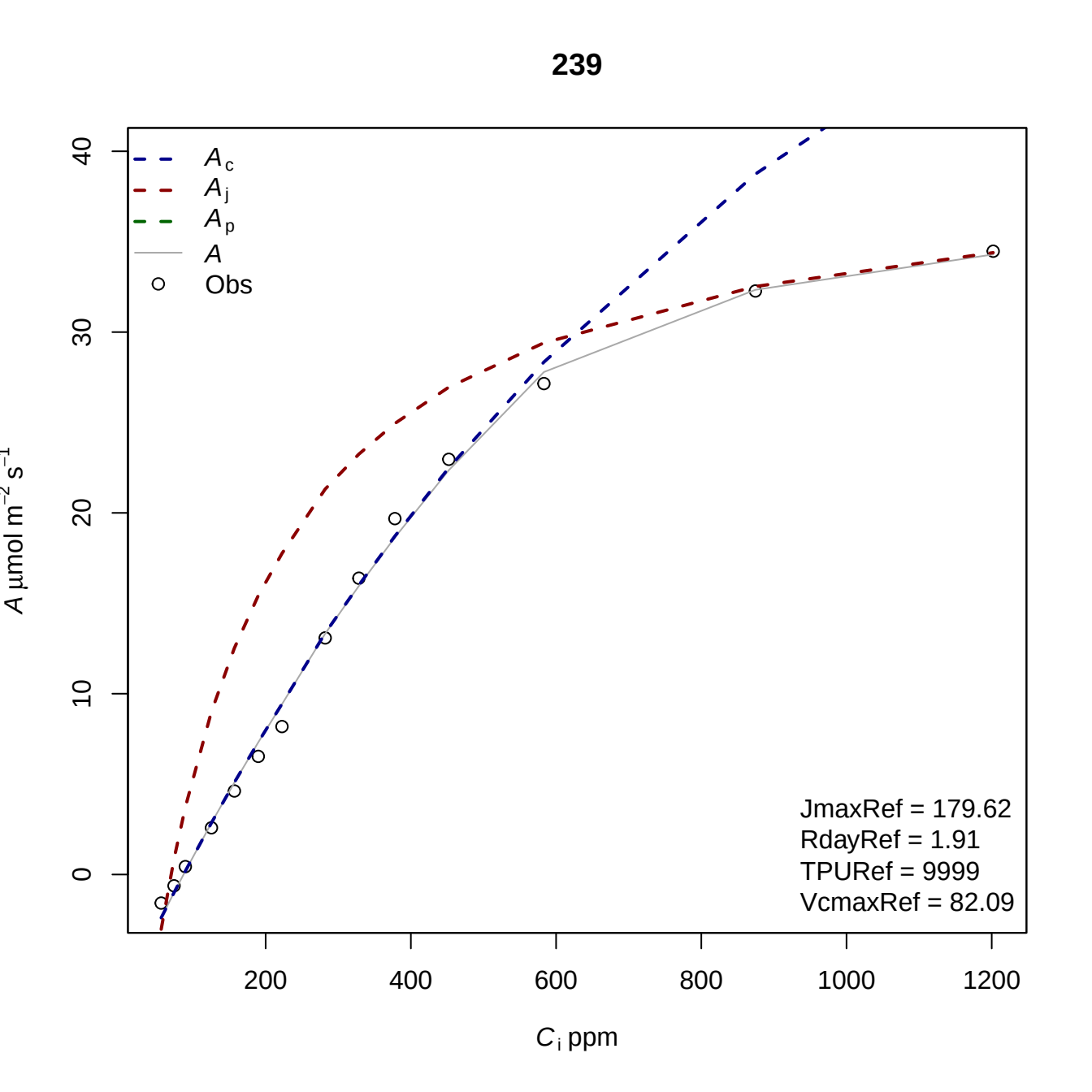

234
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.67
TPURef = 9.62
VcmaxRef = 69.73
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

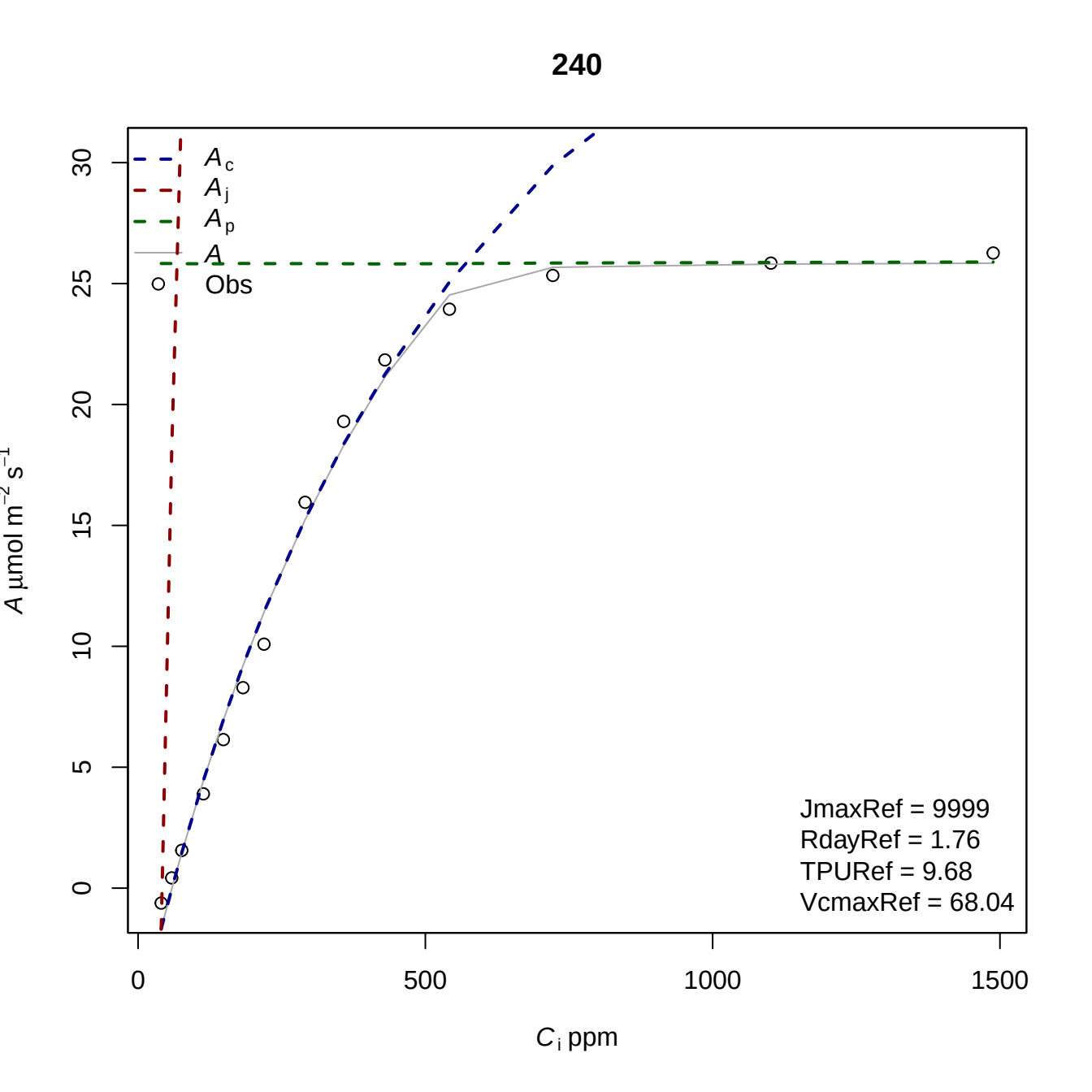

235
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.84
TPURef = 8.33
VcmaxRef = 90.99
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

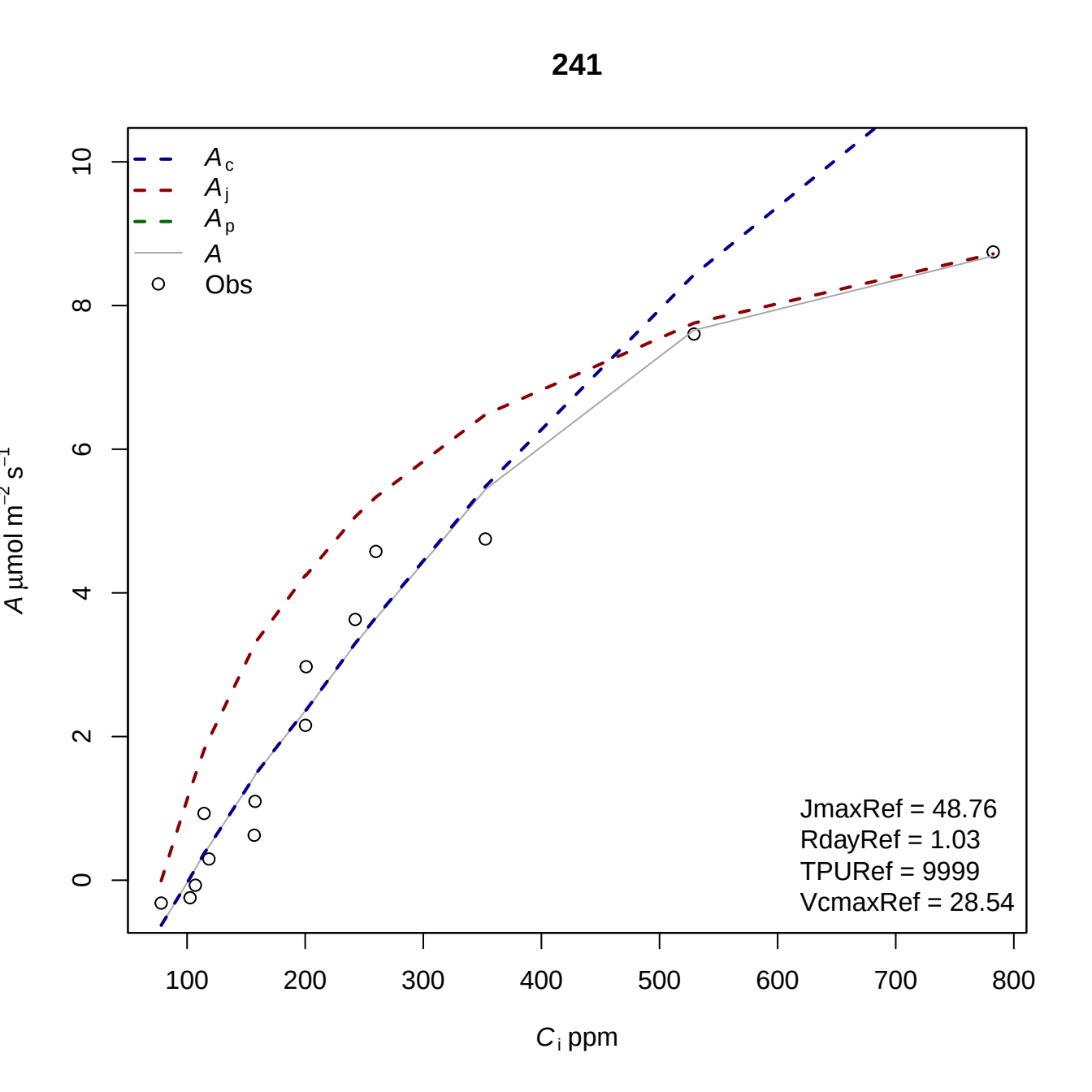

236
A_c
A_j
A_p
A
Obs
JmaxRef = 187.25
RdayRef = −1.53
TPURef = 9999
VcmaxRef = 105.31
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000
1200

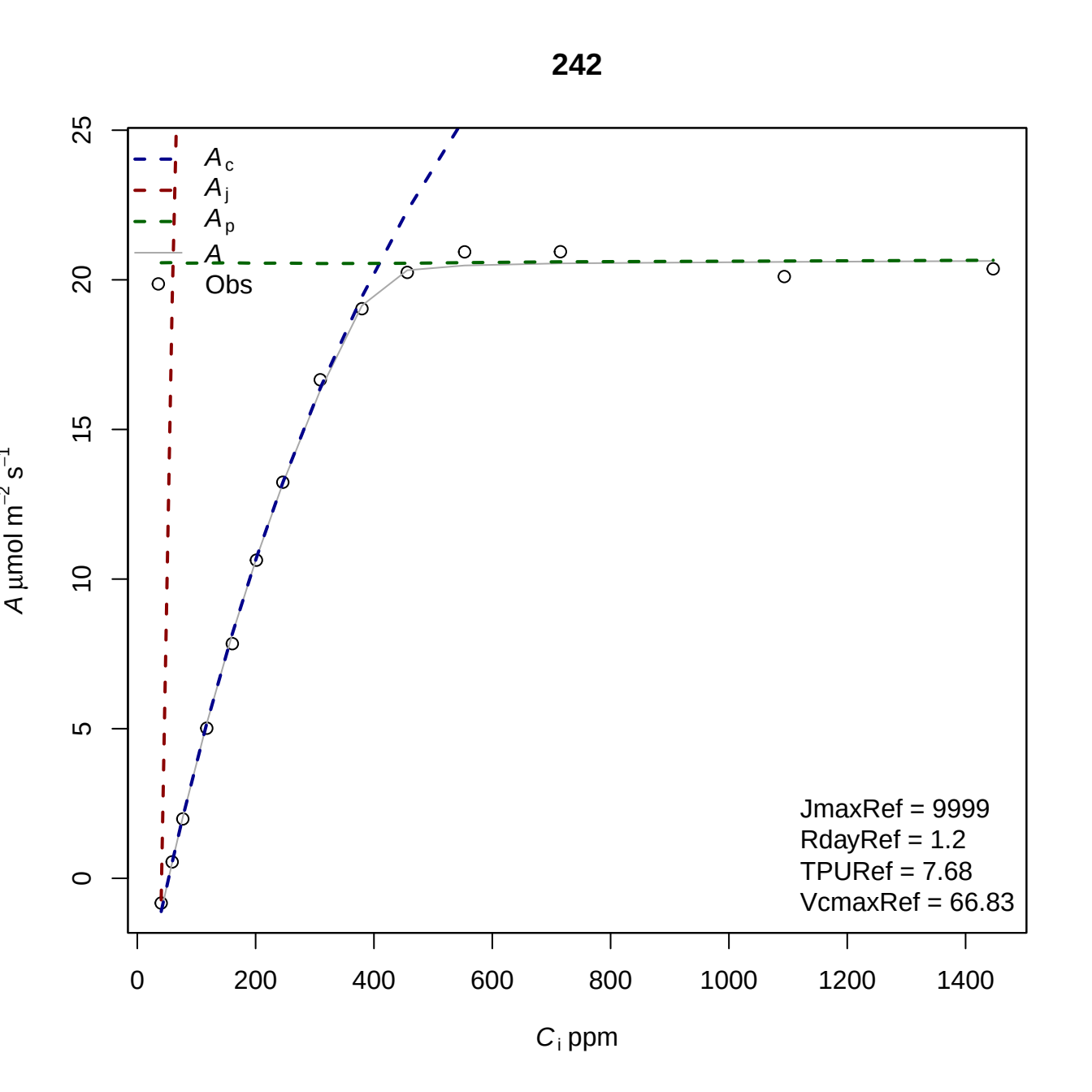

237
A_c
A_j
A_p
A
Obs
JmaxRef = 156.45
RdayRef = 0.74
TPURef = 10.05
VcmaxRef = 72.66
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
200
400
600
800
1000
1200
1400

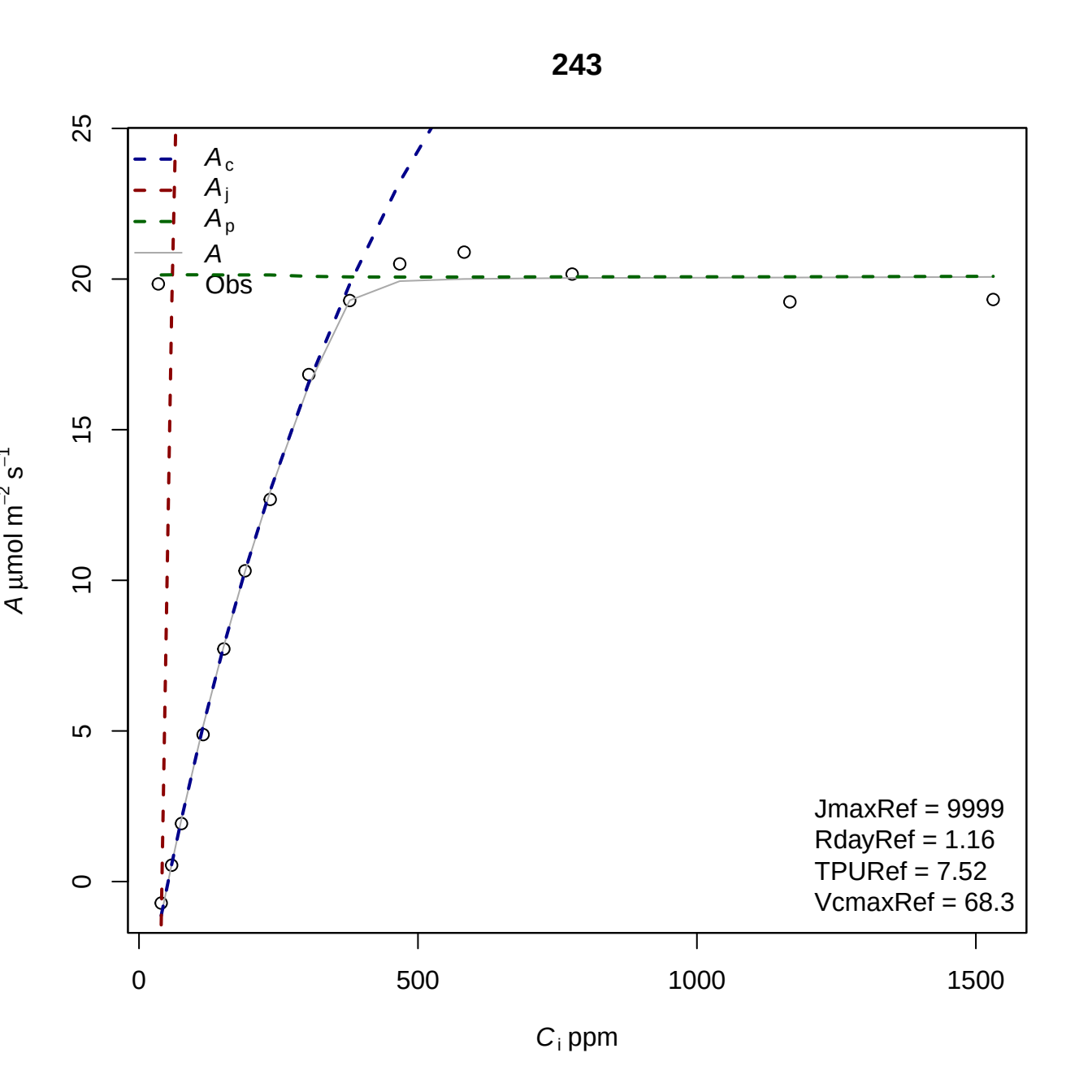

238
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.5
TPURef = 11.61
VcmaxRef = 69.71
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

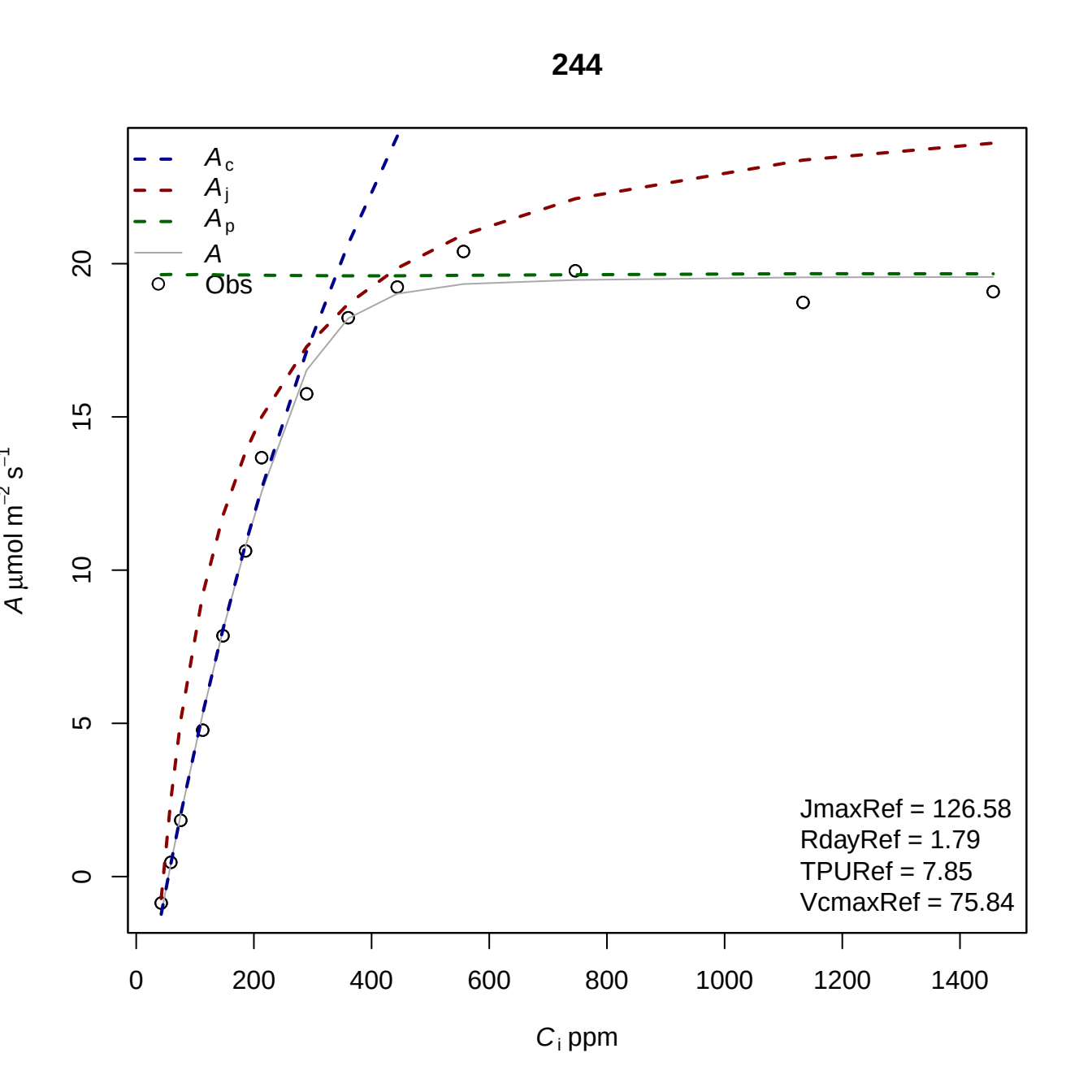

239
A_c
A_j
A_p
A
Obs
JmaxRef = 179.62
RdayRef = 1.91
TPURef = 9999
VcmaxRef = 82.09
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
200
400
600
800
1000
1200

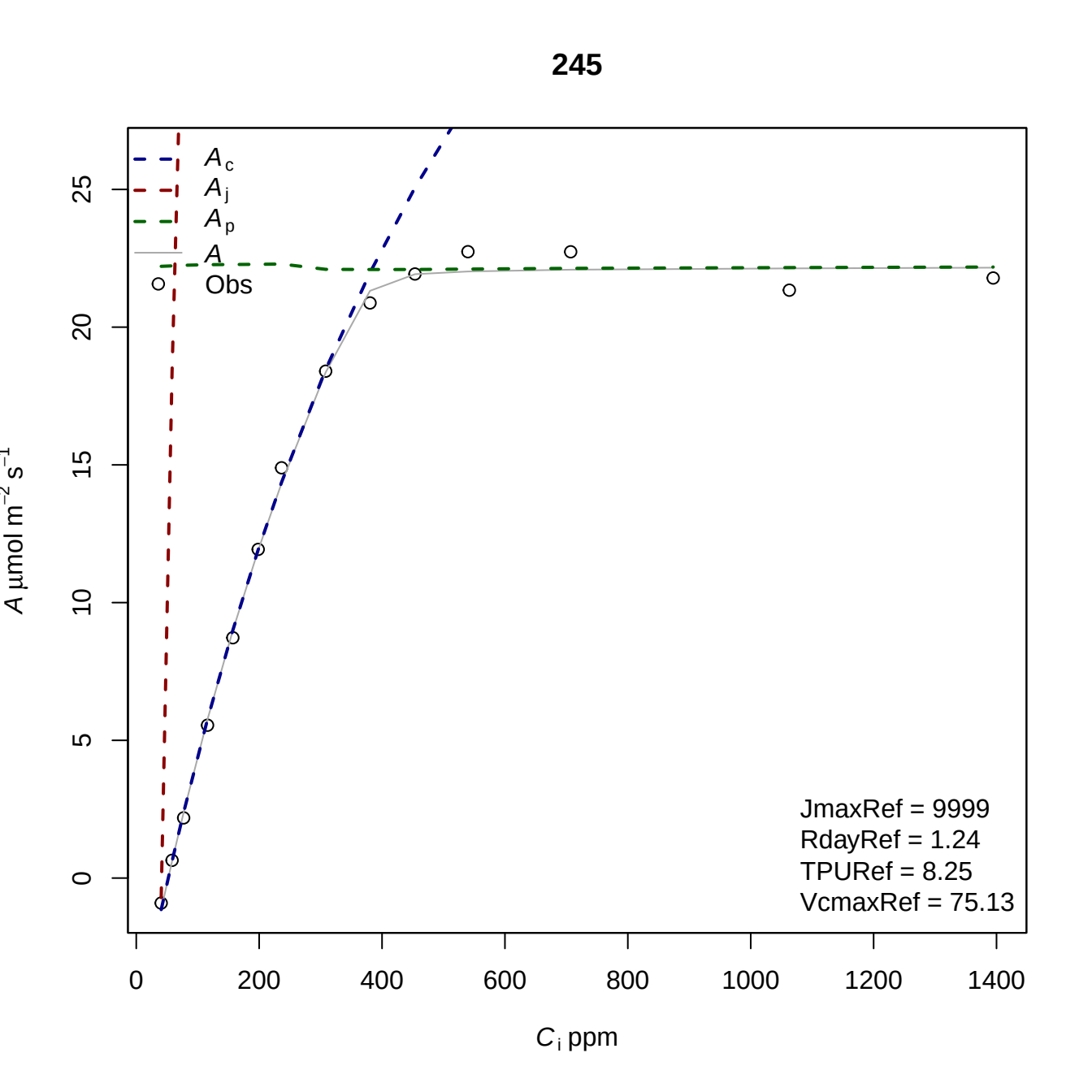

240
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.76
TPURef = 9.68
VcmaxRef = 68.04
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

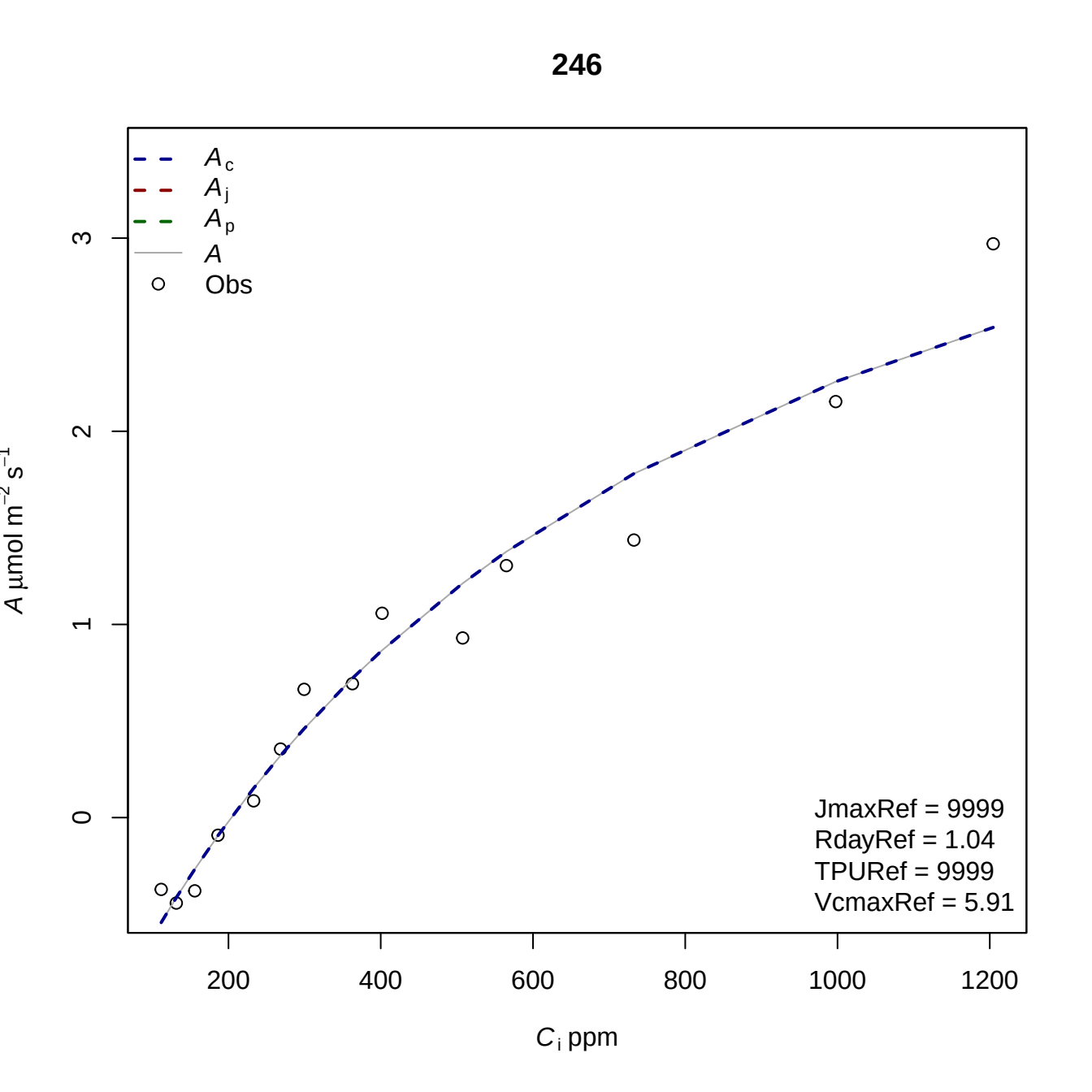

241
A_c
A_j
A_p
A
Obs
JmaxRef = 48.76
RdayRef = 1.03
TPURef = 9999
VcmaxRef = 28.54
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
100
200
300
400
500
600
700
800

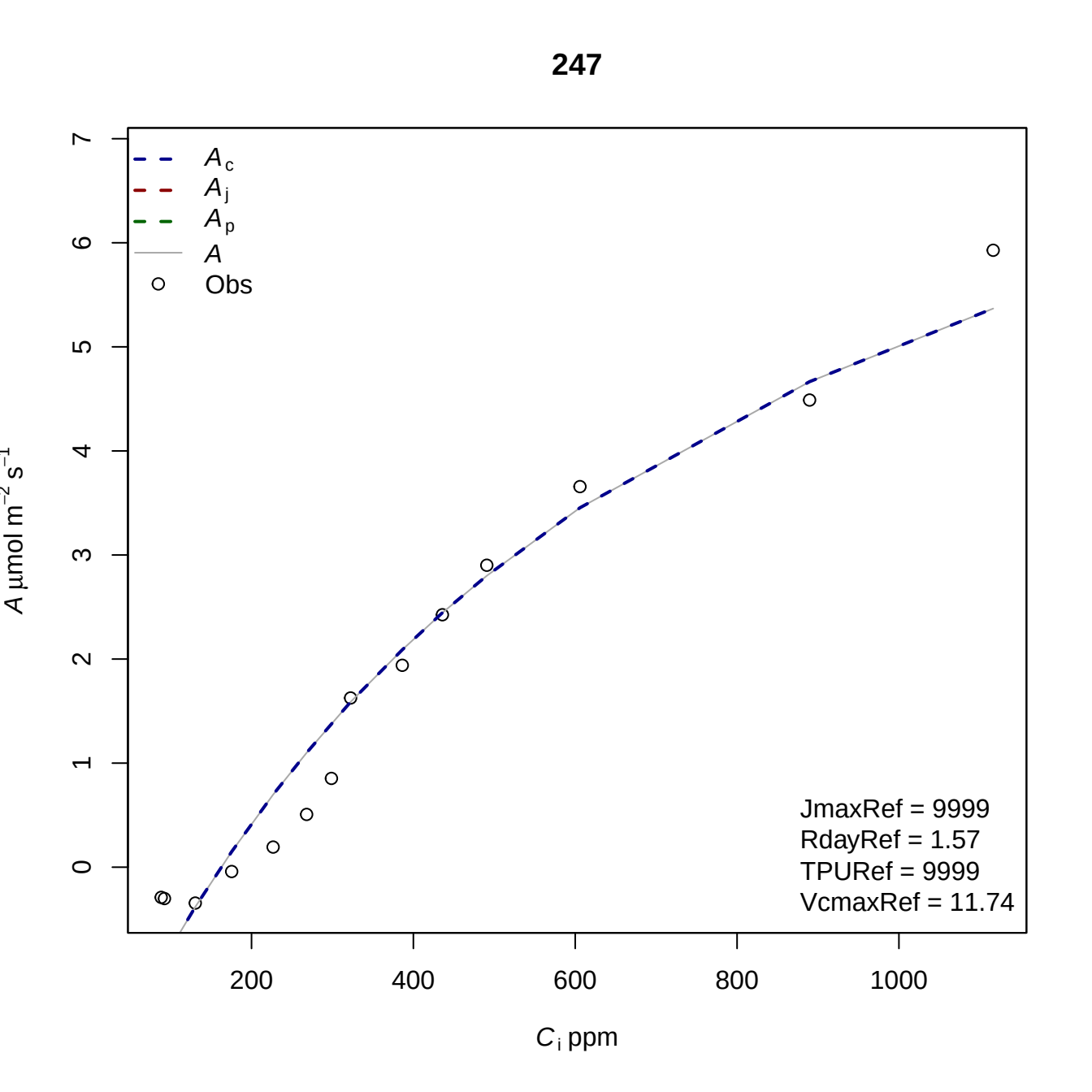

242
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.2
TPURef = 7.68
VcmaxRef = 66.83
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

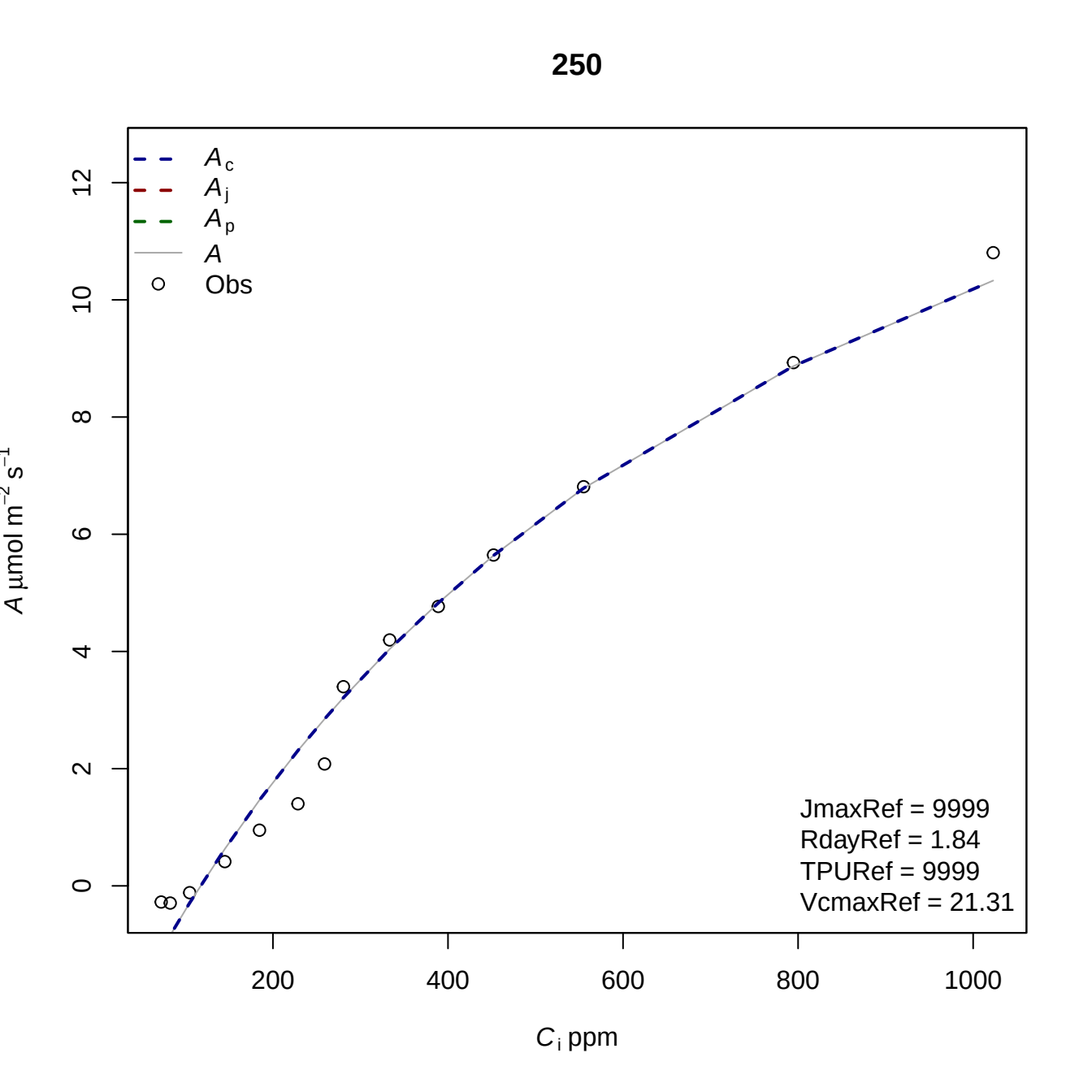

243
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.16
TPURef = 7.52
VcmaxRef = 68.3
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

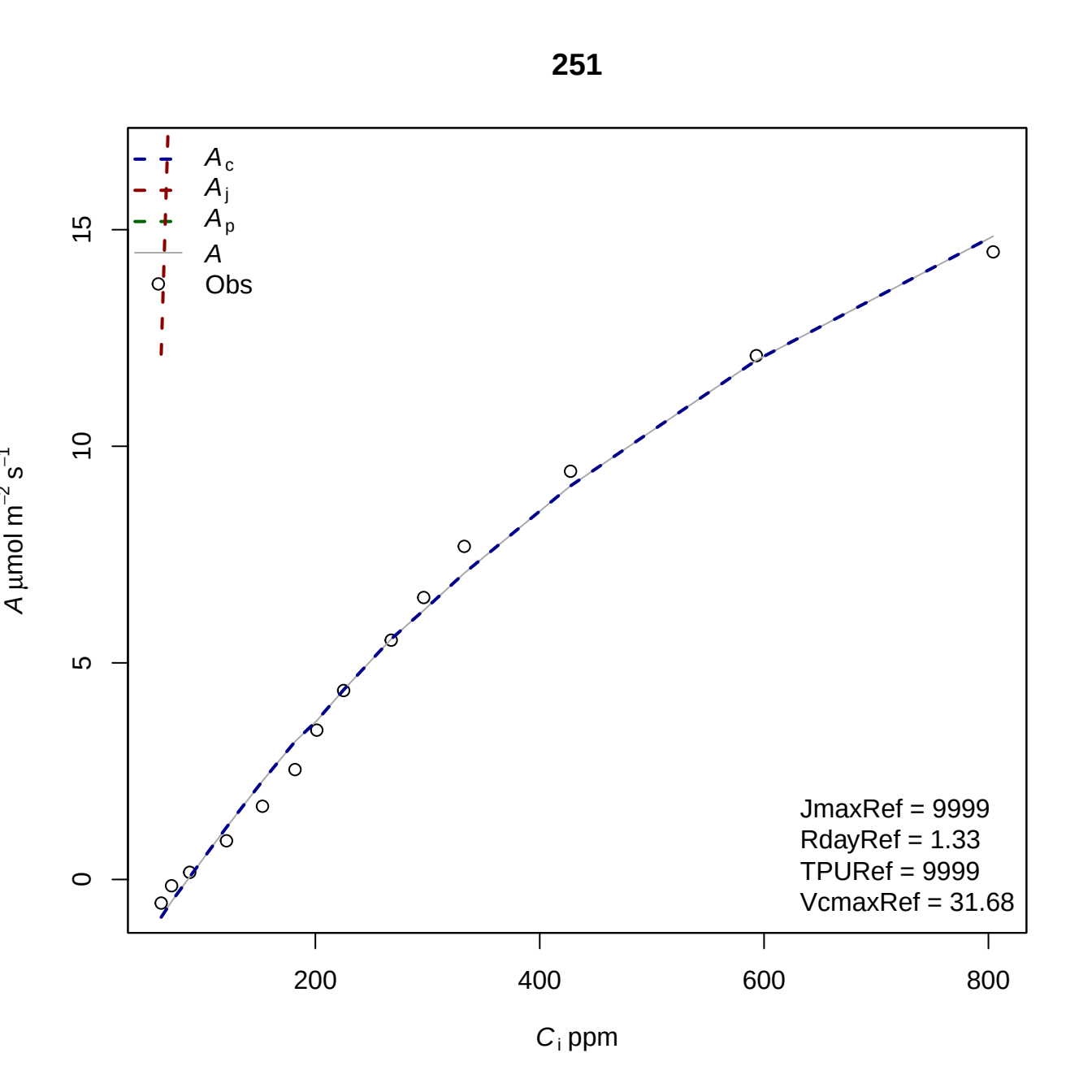

244
A_c
A_j
A_p
A
Obs
JmaxRef = 126.58
RdayRef = 1.79
TPURef = 7.85
VcmaxRef = 75.84
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

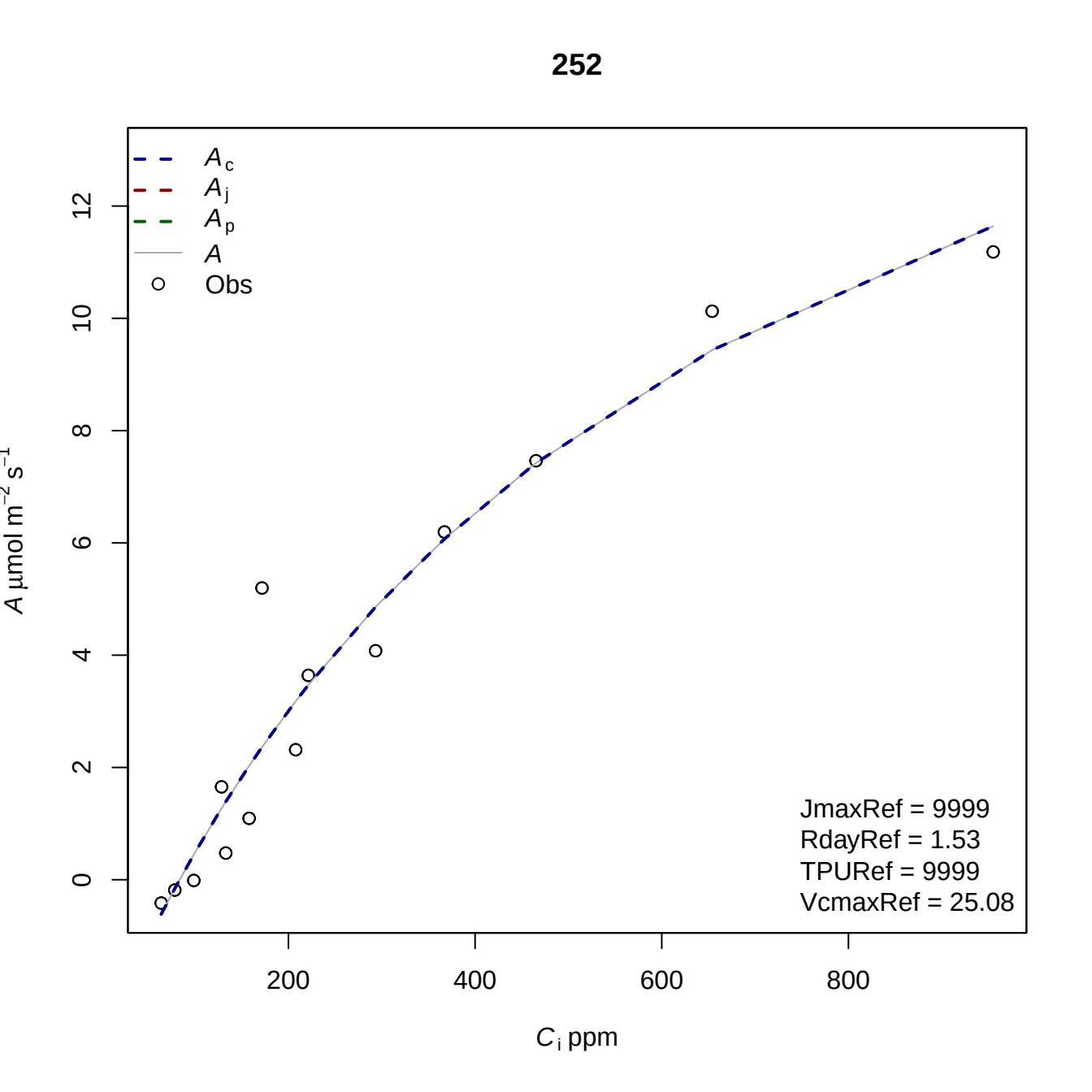

245
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.24
TPURef = 8.25
VcmaxRef = 75.13
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

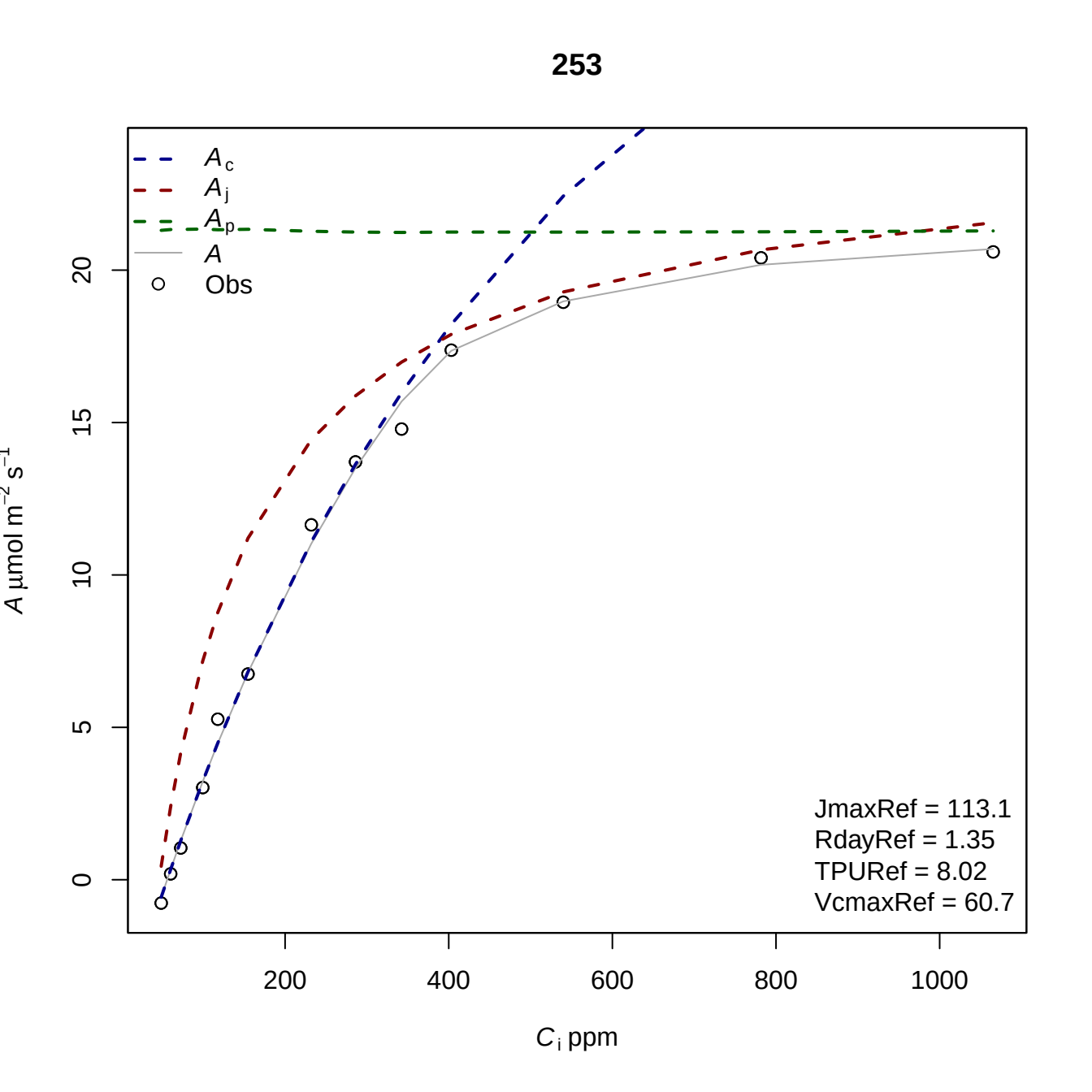

246
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.04
TPURef = 9999
VcmaxRef = 5.91
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
200
400
600
800
1000
1200

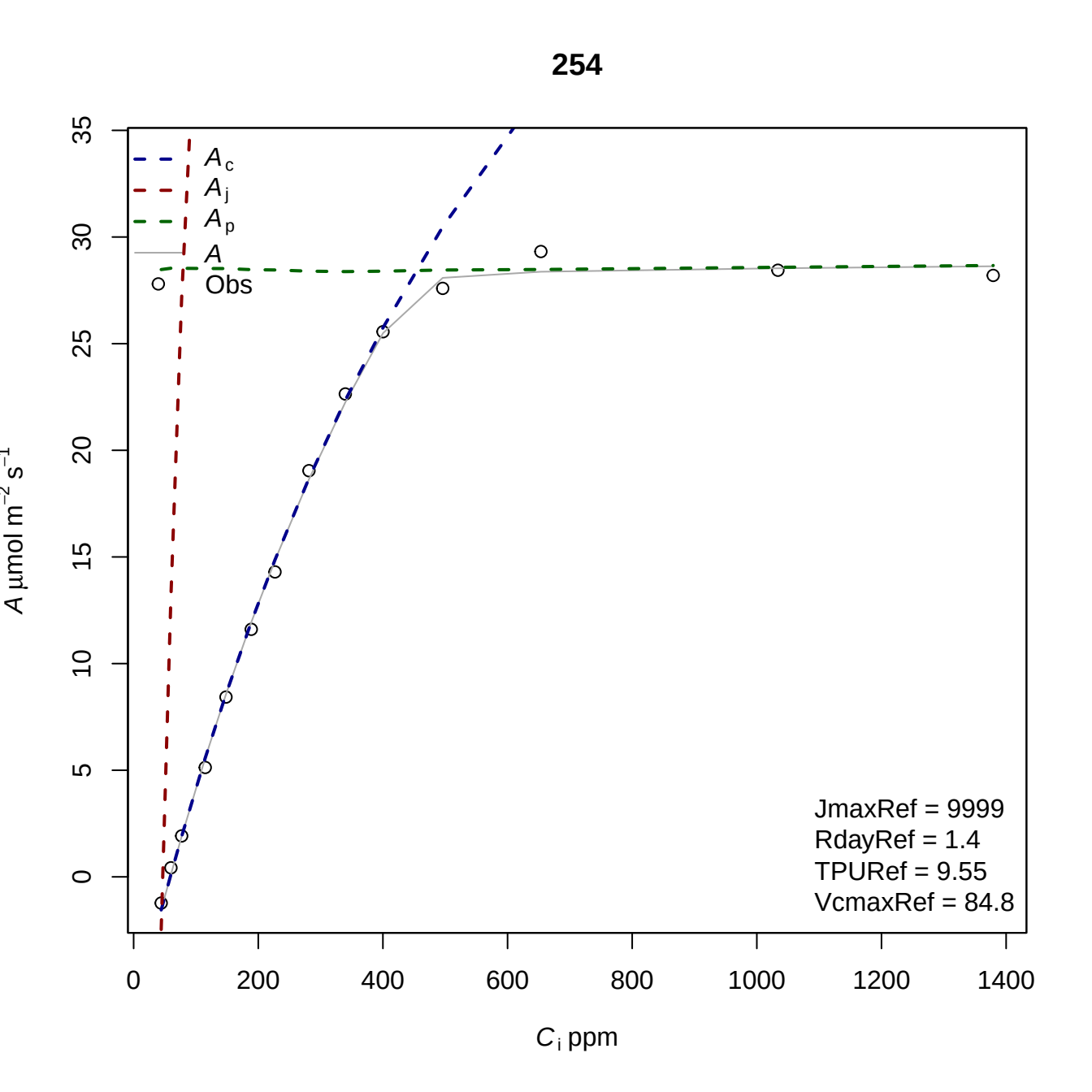

247
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.57
TPURef = 9999
VcmaxRef = 11.74
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
5
6
7
200
400
600
800
1000

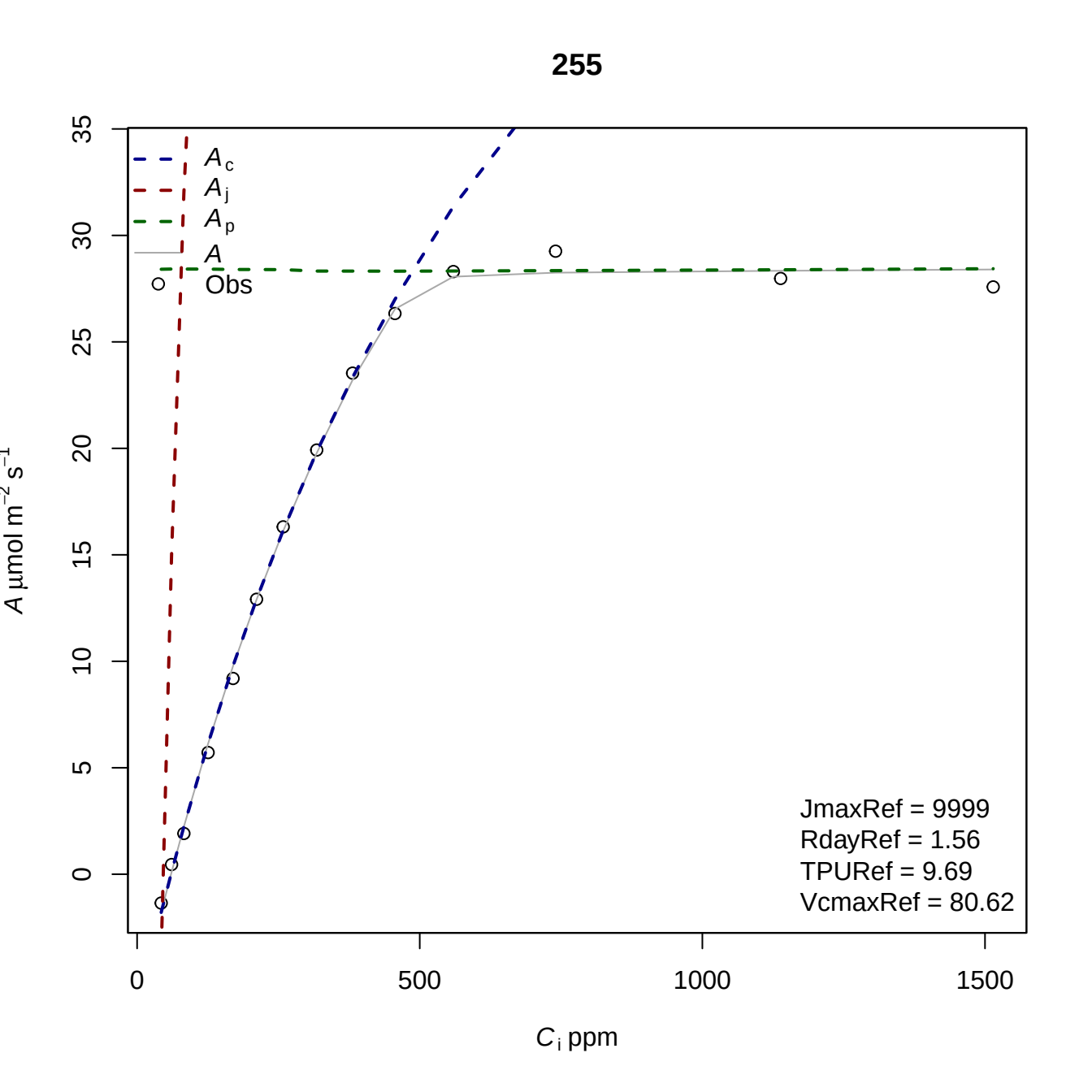

250
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.84
TPURef = 9999
VcmaxRef = 21.31
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000

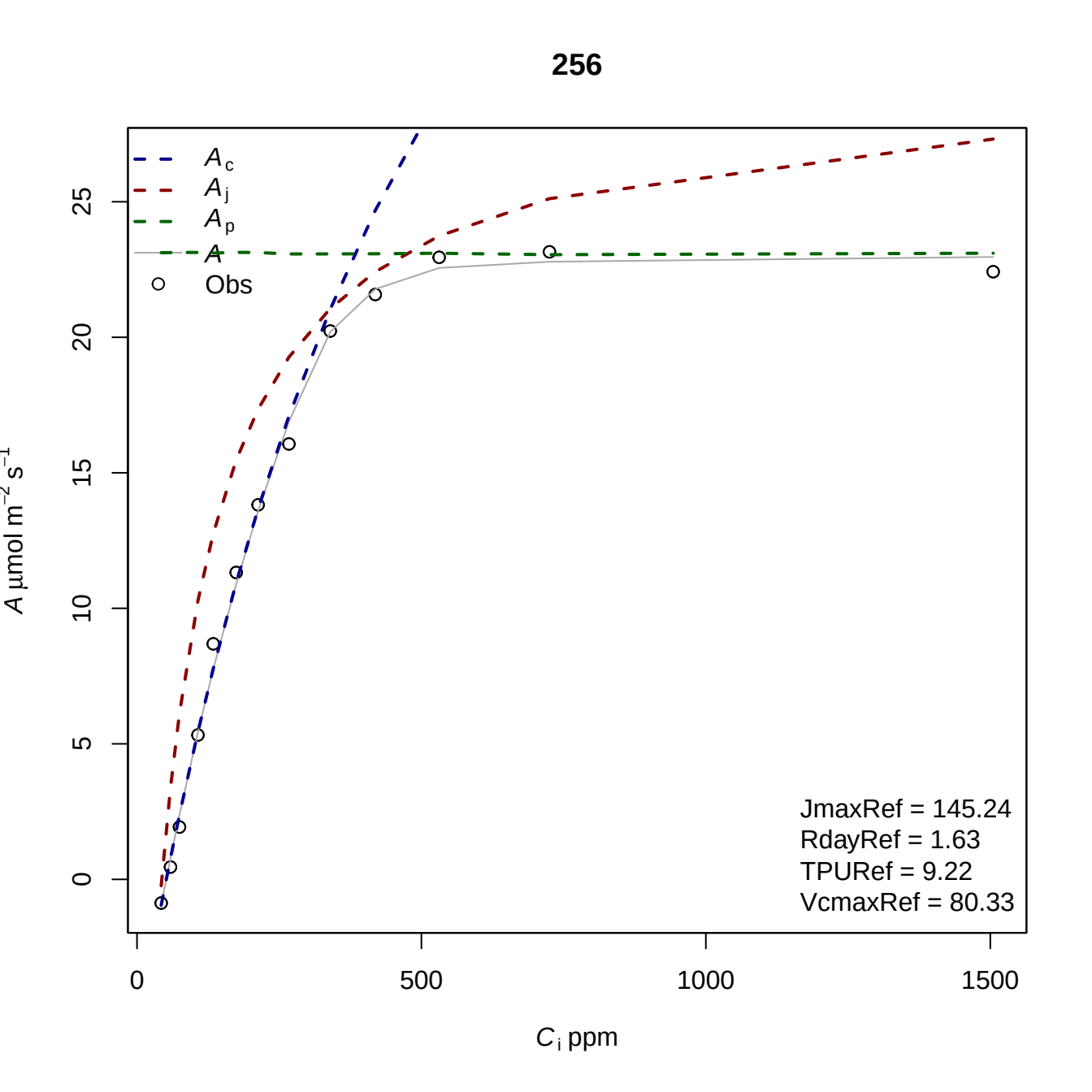

251
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.33
TPURef = 9999
VcmaxRef = 31.68
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800

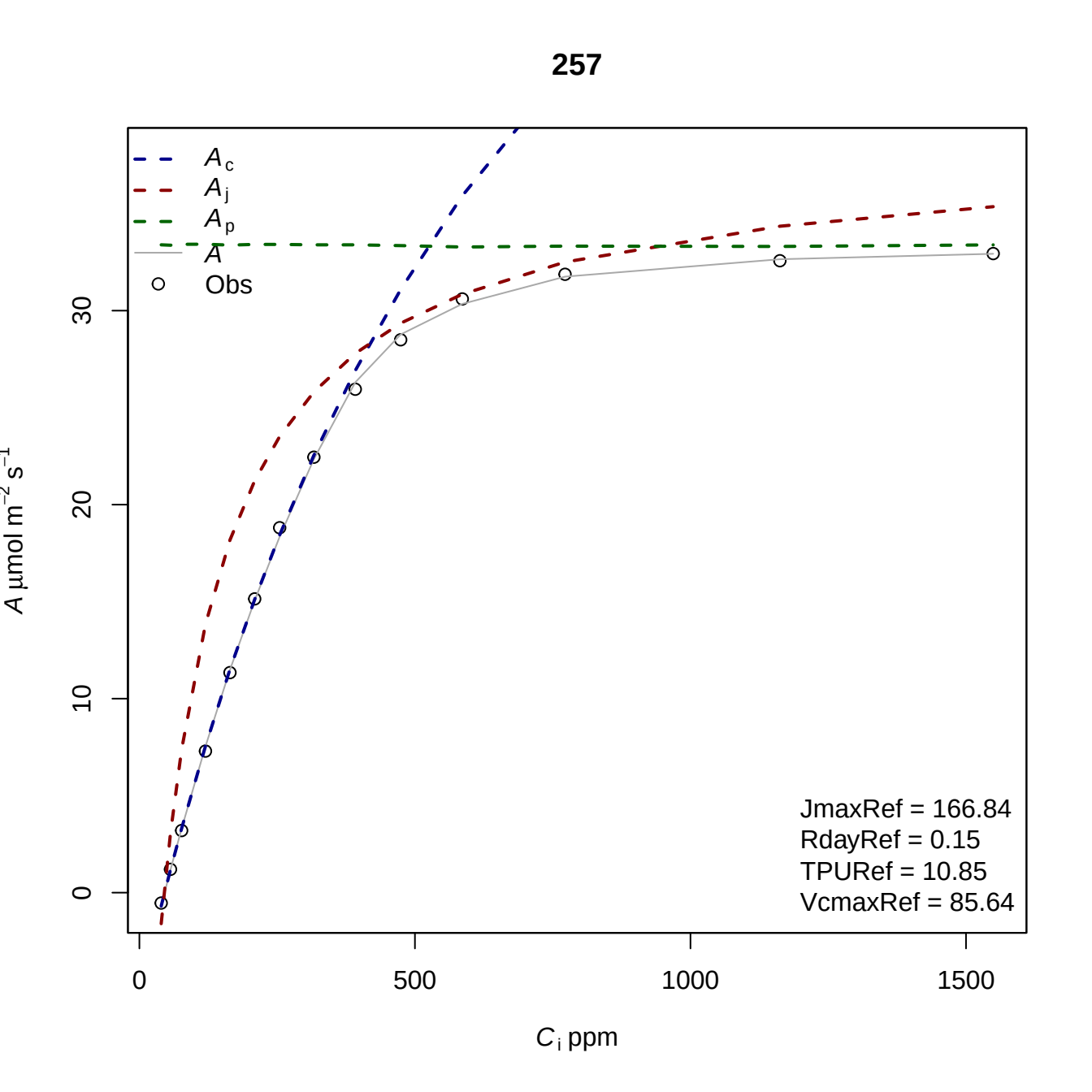

252
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.53
TPURef = 9999
VcmaxRef = 25.08
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800

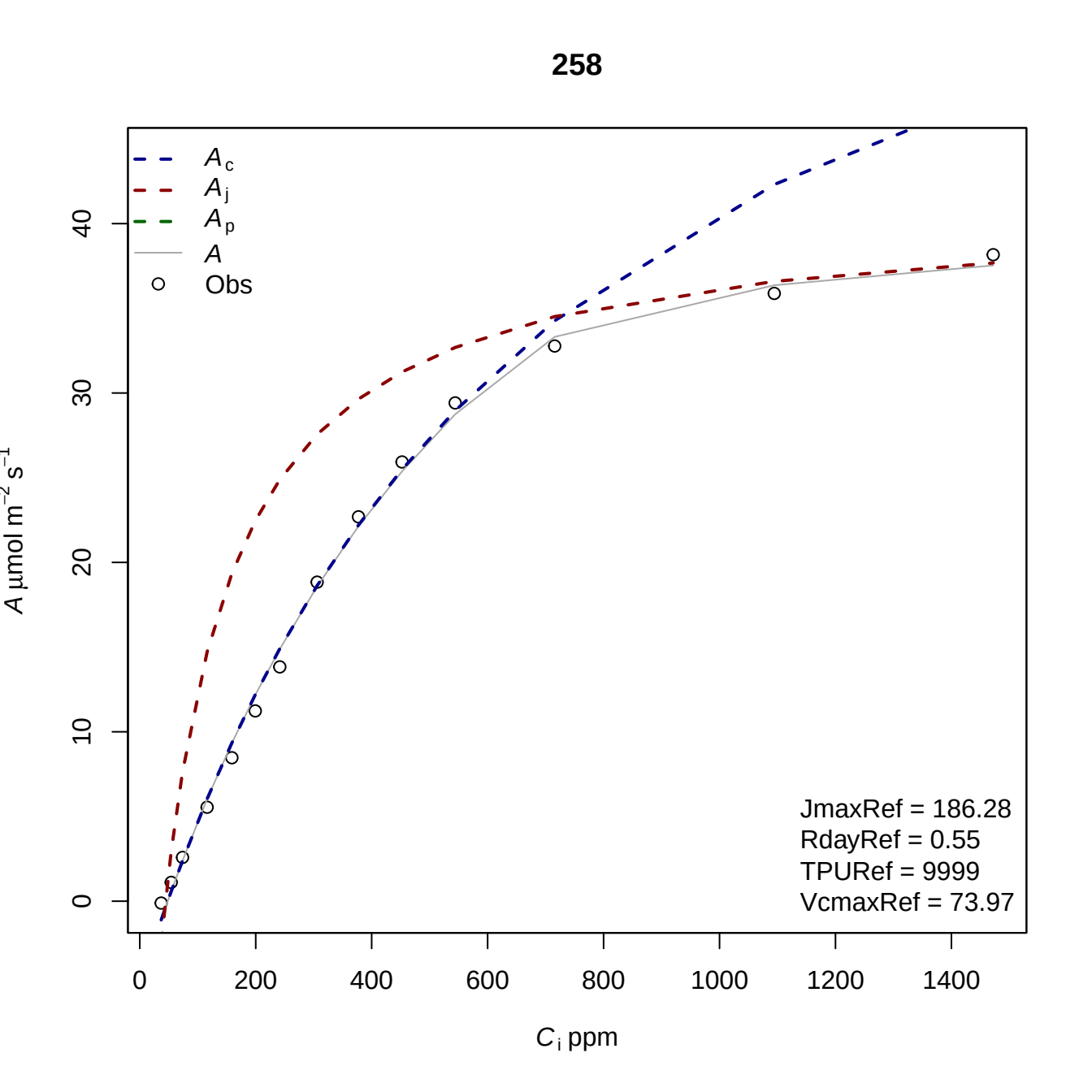

253
A_c
A_j
A_p
A
Obs
JmaxRef = 113.1
RdayRef = 1.35
TPURef = 8.02
VcmaxRef = 60.7
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

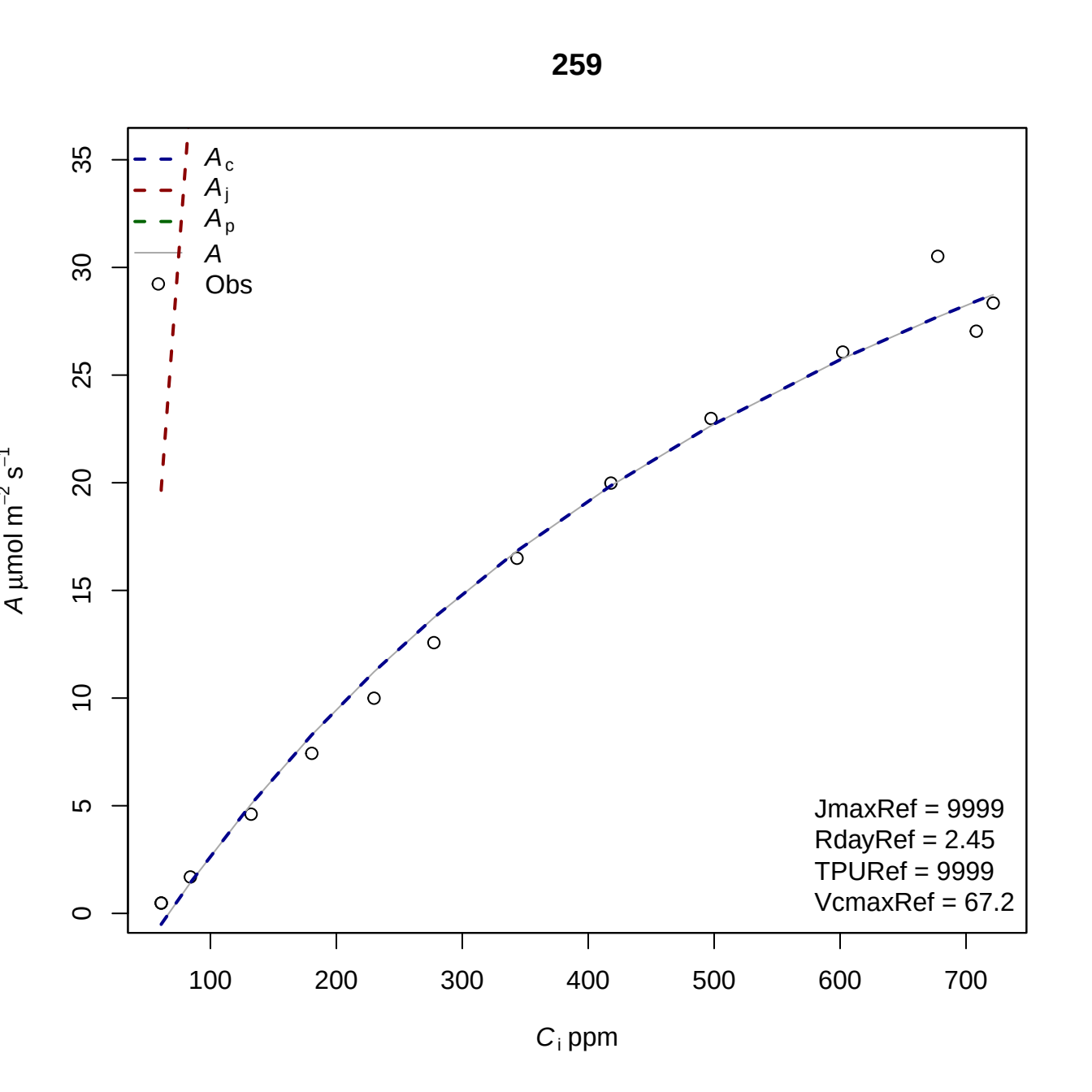

254
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.4
TPURef = 9.55
VcmaxRef = 84.8
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
200
400
600
800
1000
1200
1400

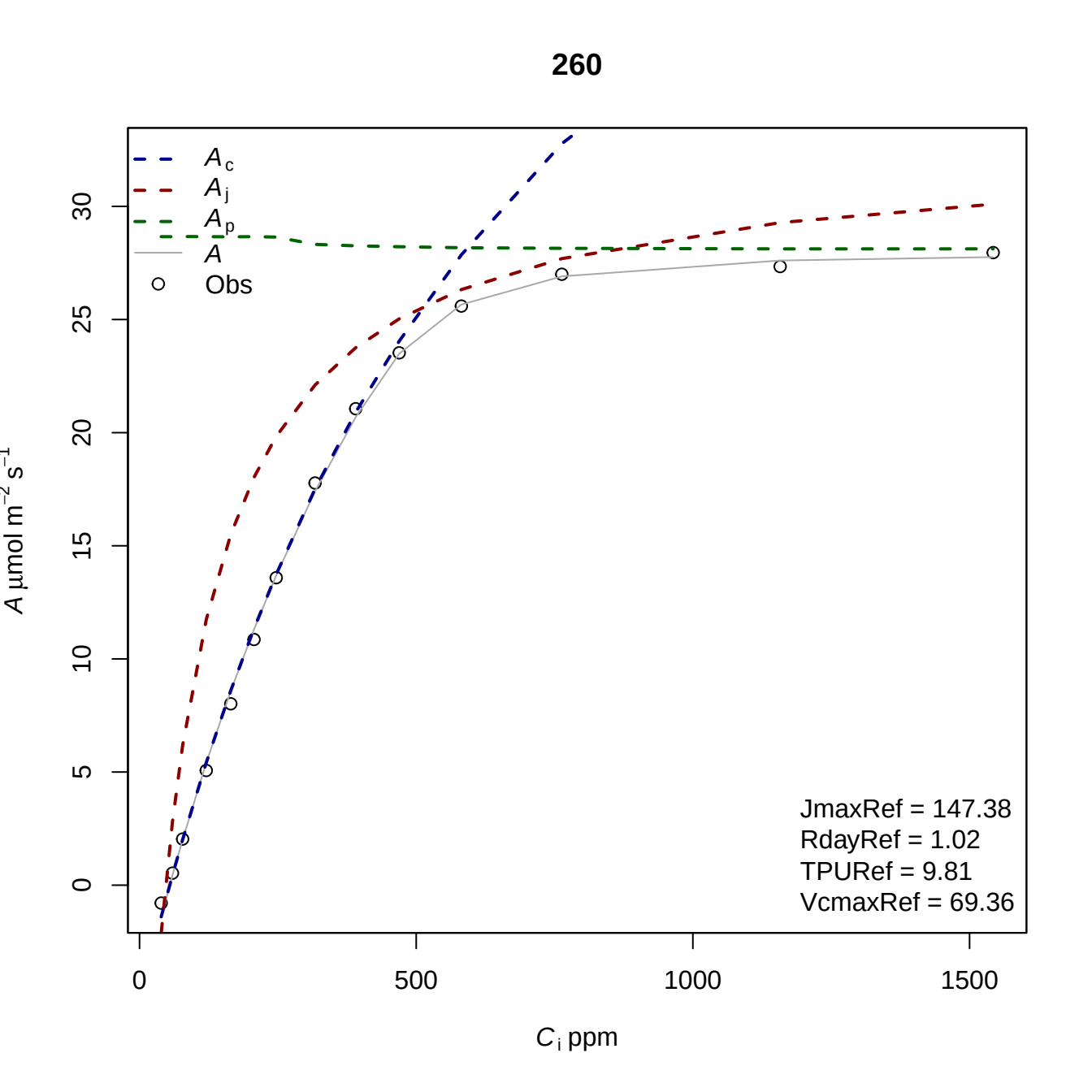

255
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.56
TPURef = 9.69
VcmaxRef = 80.62
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
500
1000
1500

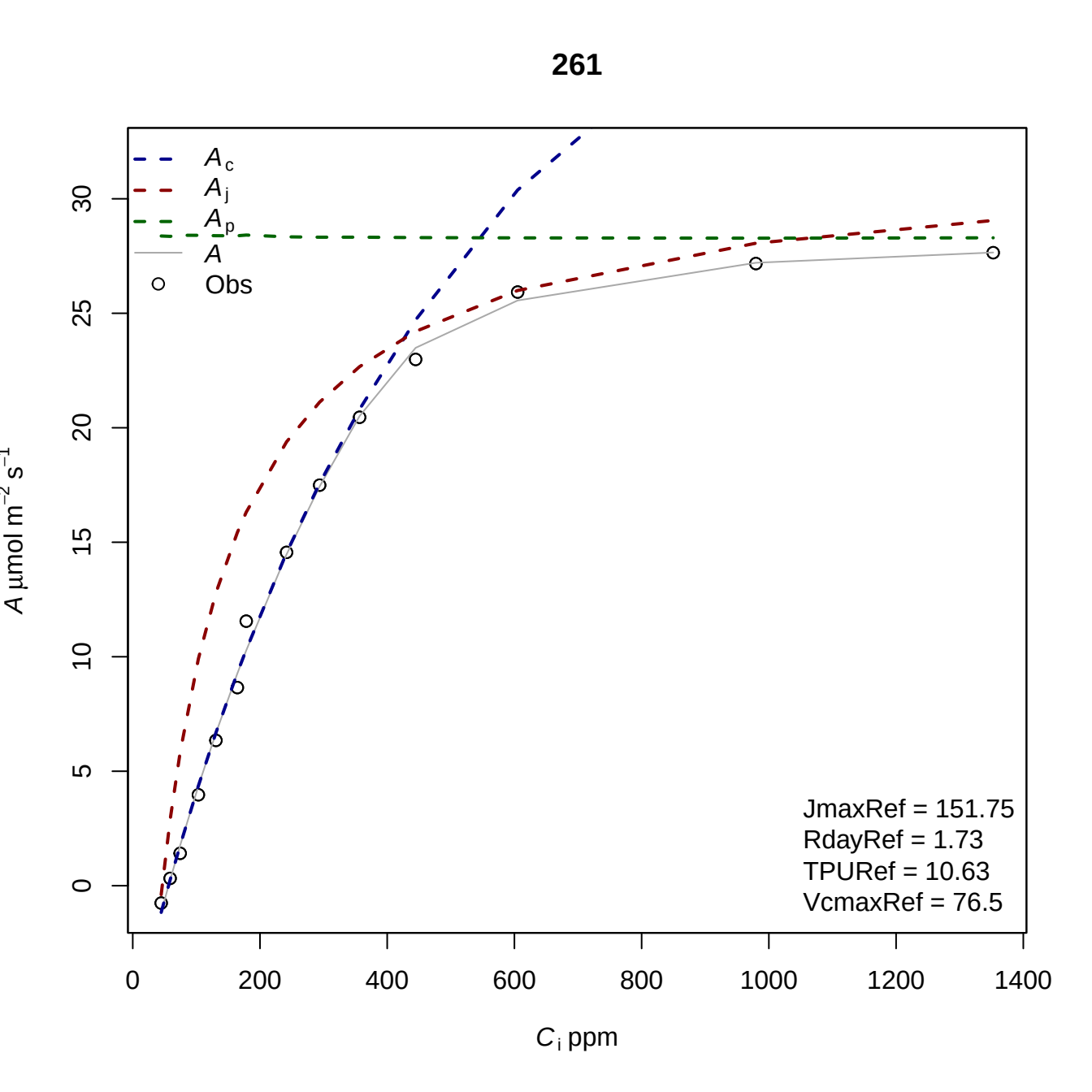

256
A_c
A_j
A_p
A
Obs
JmaxRef = 145.24
RdayRef = 1.63
TPURef = 9.22
VcmaxRef = 80.33
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

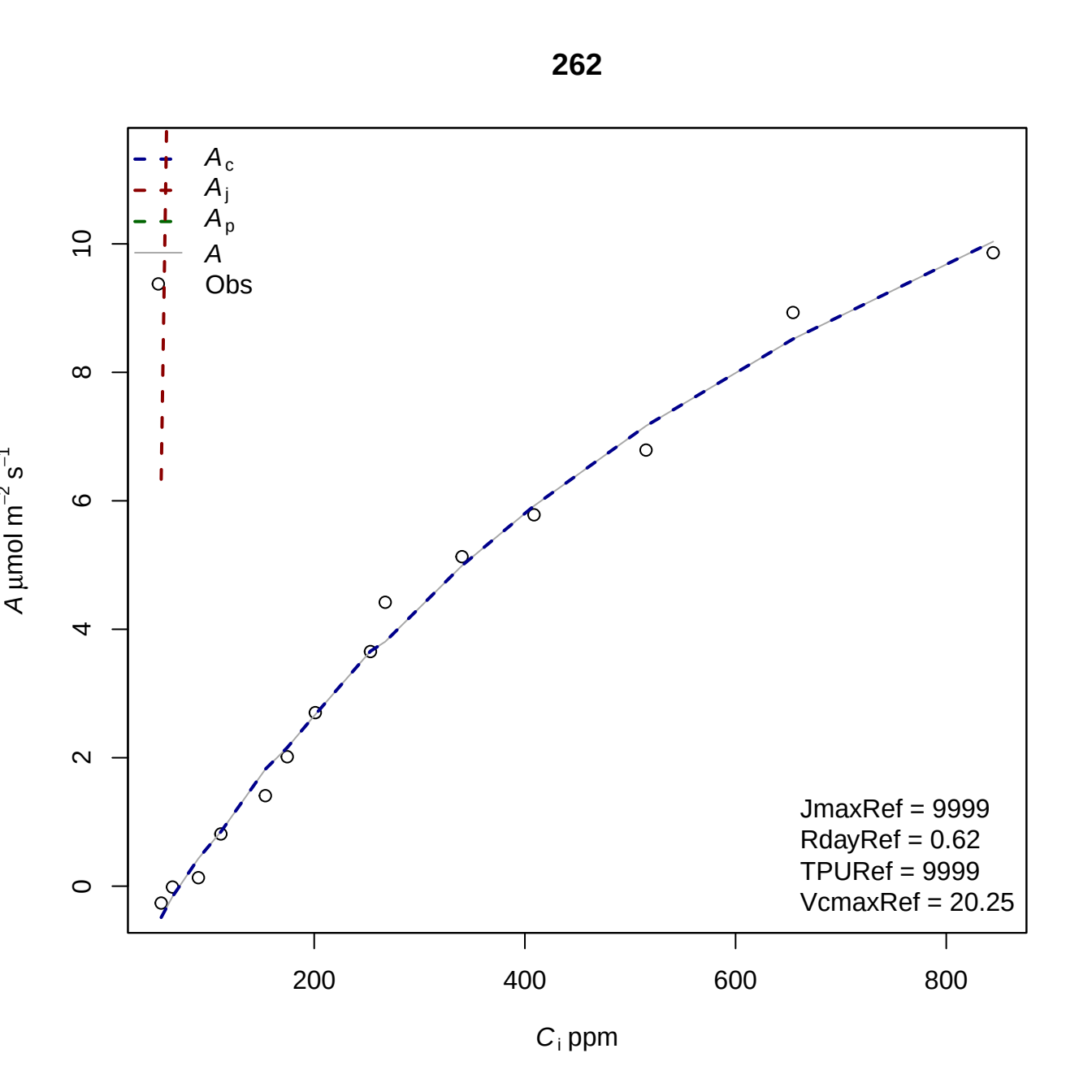

257
A_c
A_j
A_p
A
Obs
JmaxRef = 166.84
RdayRef = 0.15
TPURef = 10.85
VcmaxRef = 85.64
A µmol m^{-2} s^{-1}
0
10
20
30
0
500
1000
1500
C_i ppm

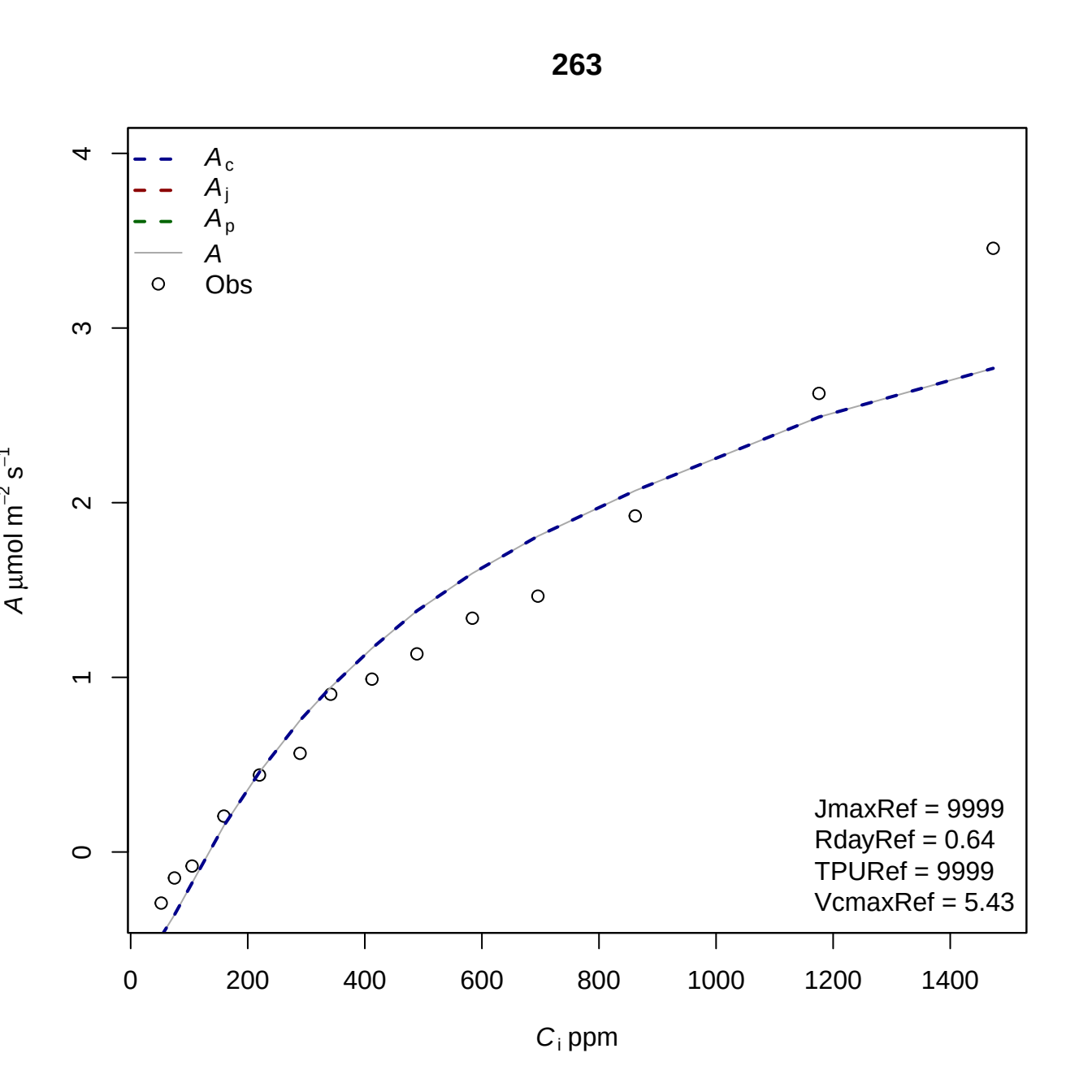

258
A_c
A_j
A_p
A
Obs
JmaxRef = 186.28
RdayRef = 0.55
TPURef = 9999
VcmaxRef = 73.97
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000
1200
1400

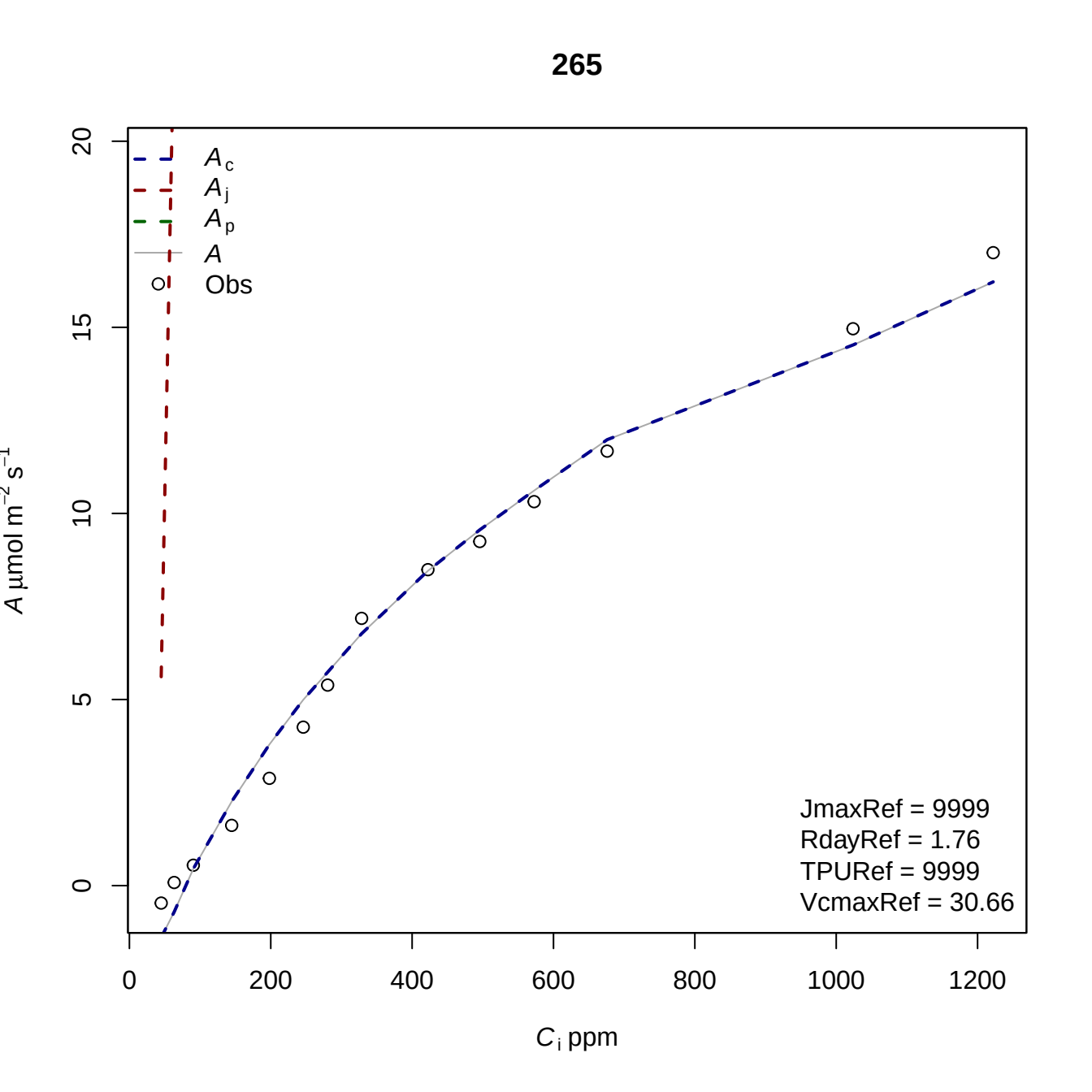

259
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 2.45
TPURef = 9999
VcmaxRef = 67.2
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
100
200
300
400
500
600
700

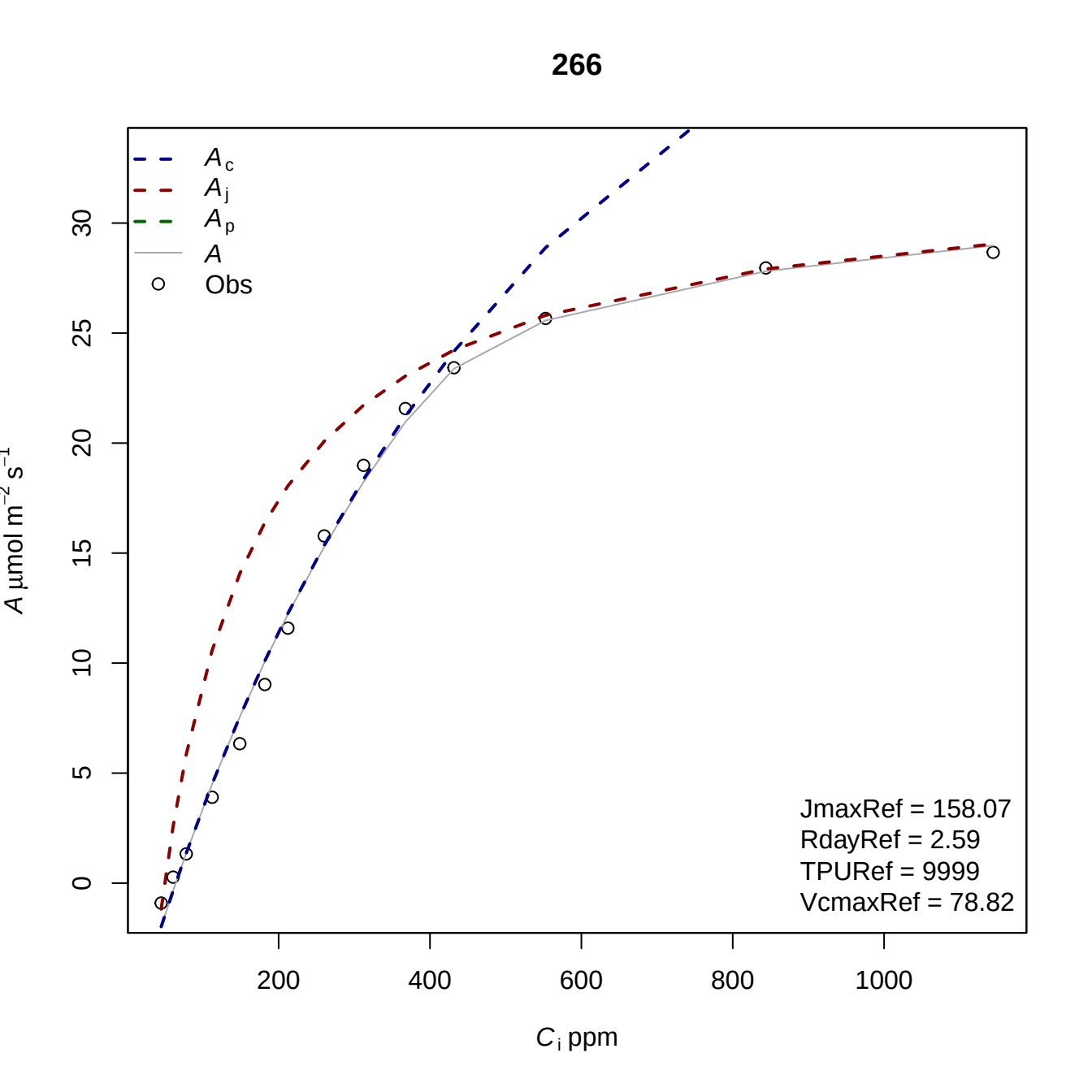

260
A_c
A_j
A_p
A
Obs
JmaxRef = 147.38
RdayRef = 1.02
TPURef = 9.81
VcmaxRef = 69.36
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

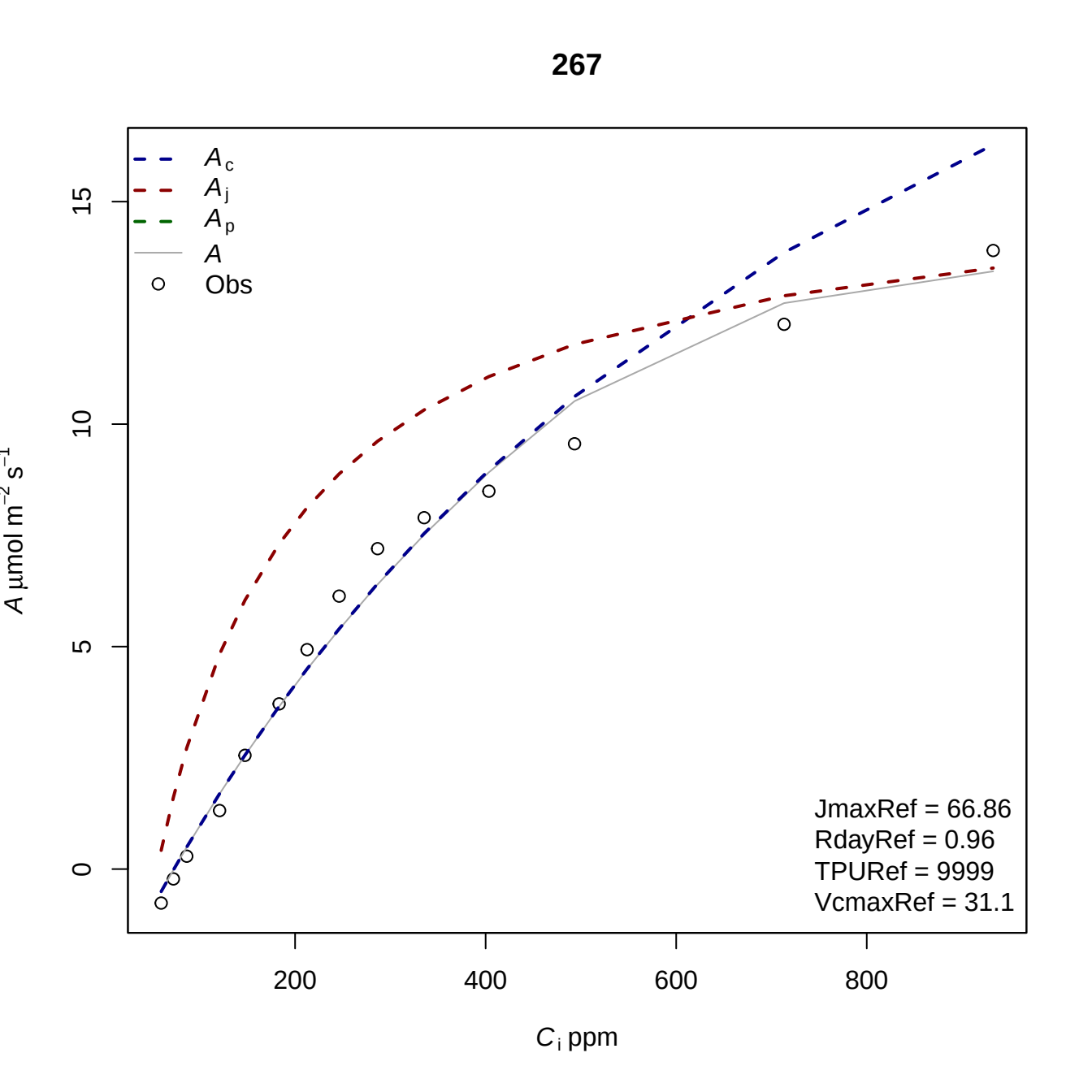

261
A_c
A_j
A_p
A
Obs
JmaxRef = 151.75
RdayRef = 1.73
TPURef = 10.63
VcmaxRef = 76.5
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

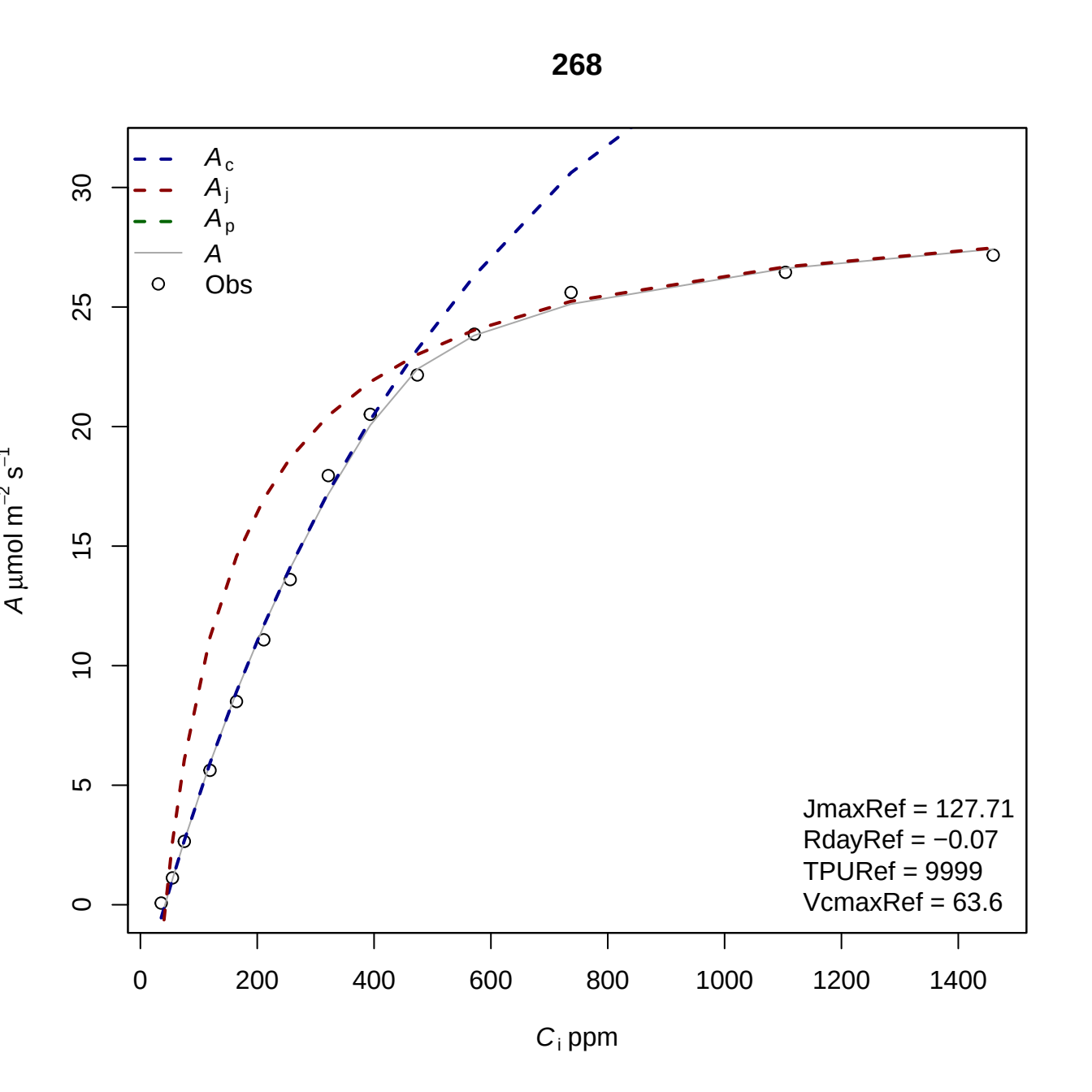

262
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.62
TPURef = 9999
VcmaxRef = 20.25
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800

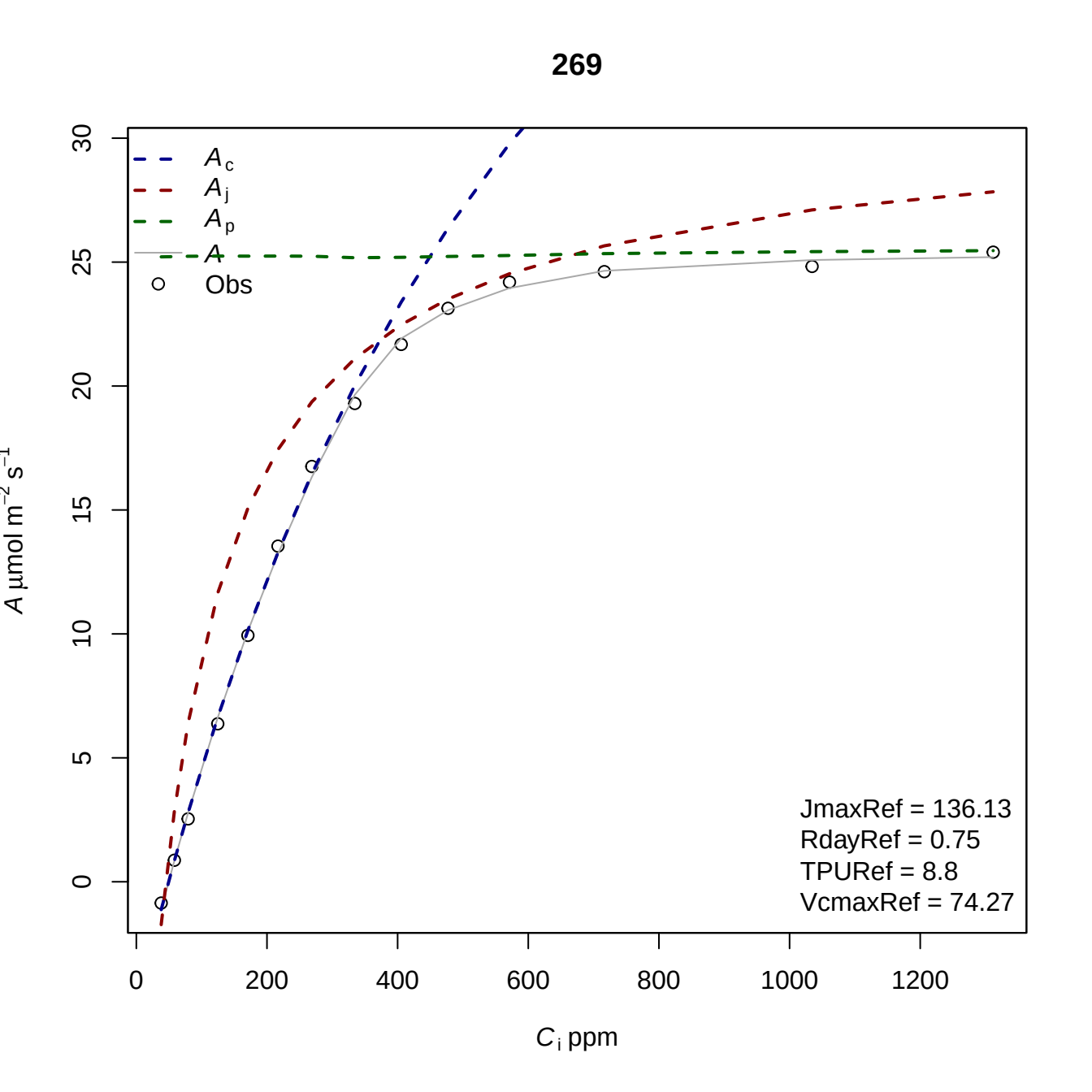

263
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.64
TPURef = 9999
VcmaxRef = 5.43
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
0
200
400
600
800
1000
1200
1400

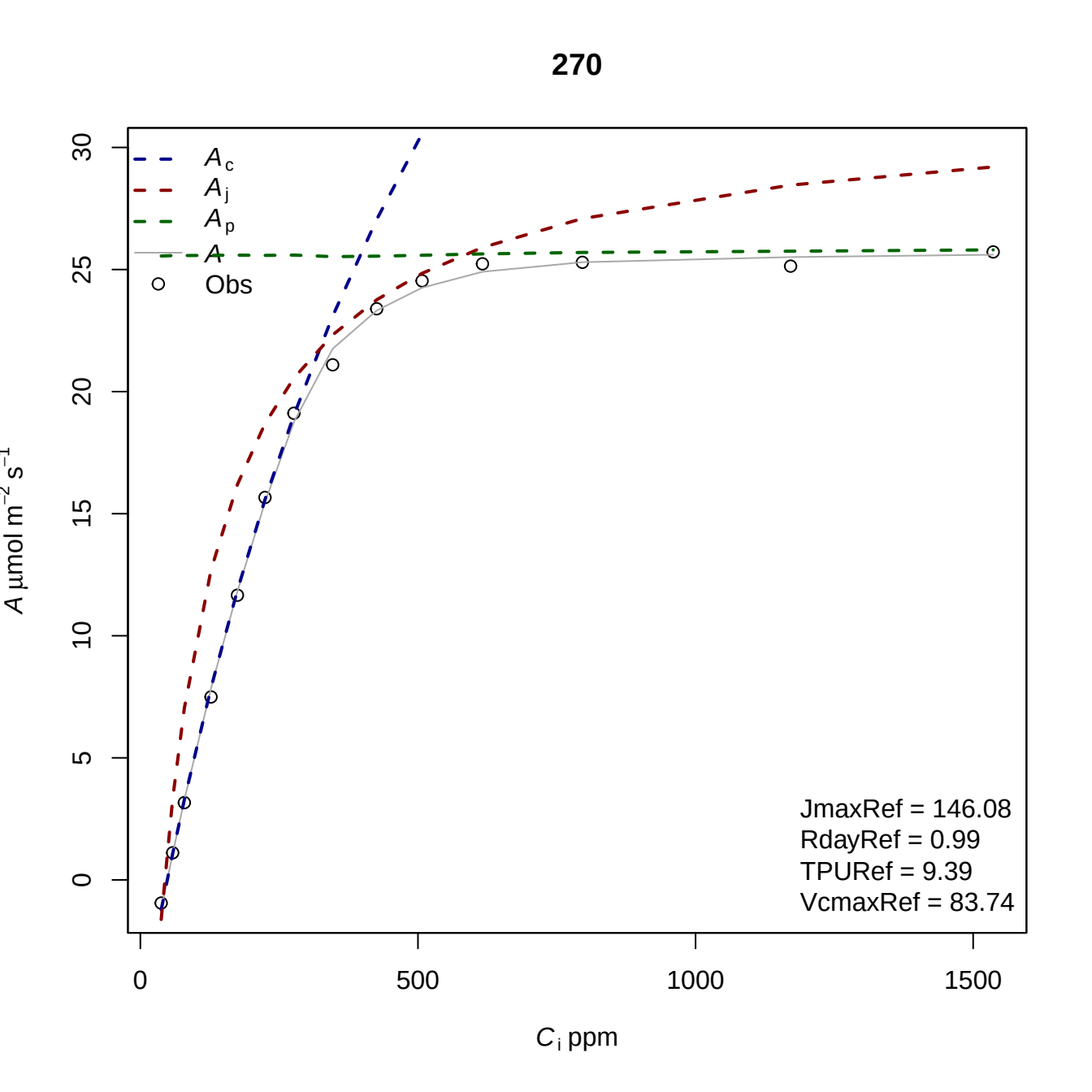

265
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.76
TPURef = 9999
VcmaxRef = 30.66
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

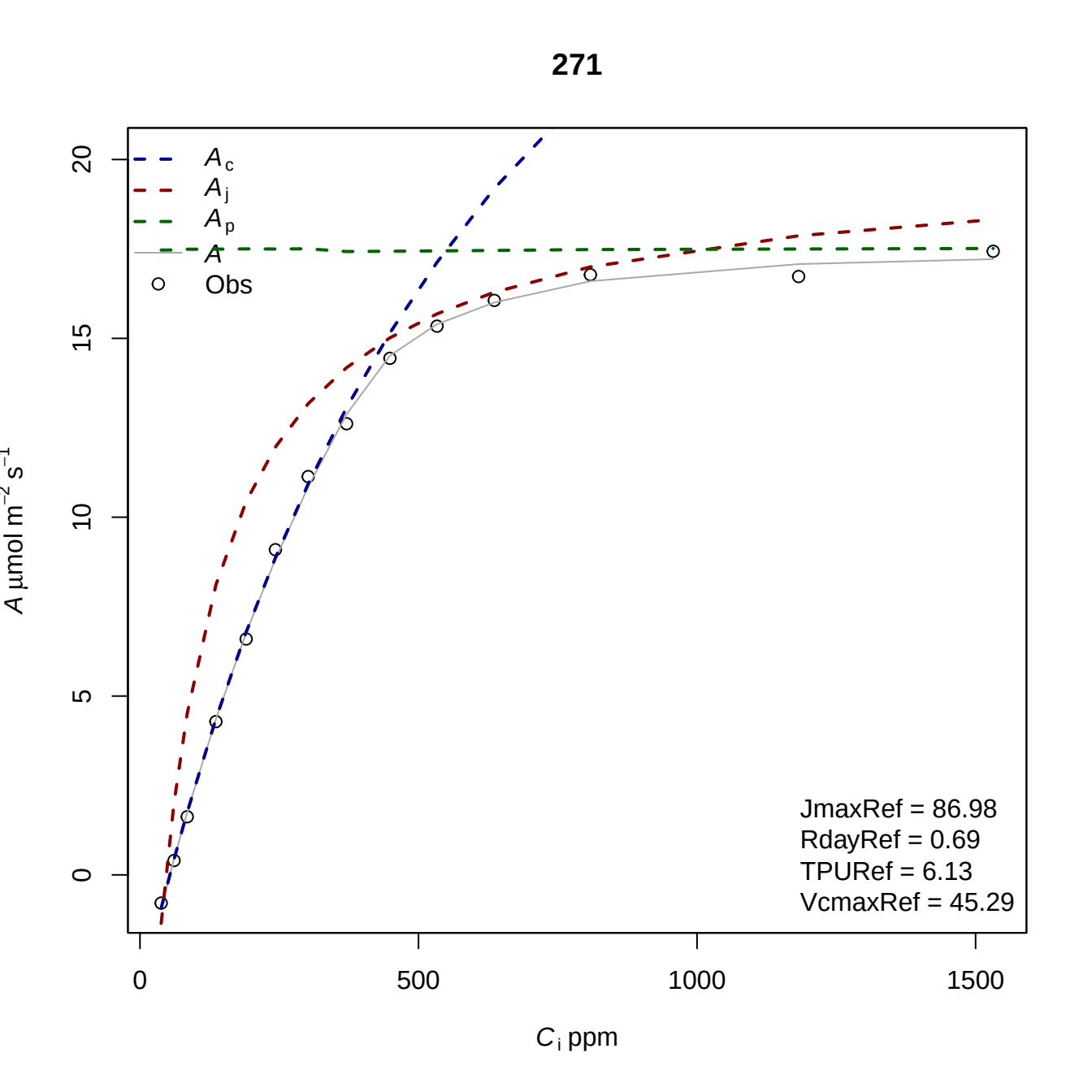

266
A_c
A_j
A_p
A
Obs
JmaxRef = 158.07
RdayRef = 2.59
TPURef = 9999
VcmaxRef = 78.82
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000

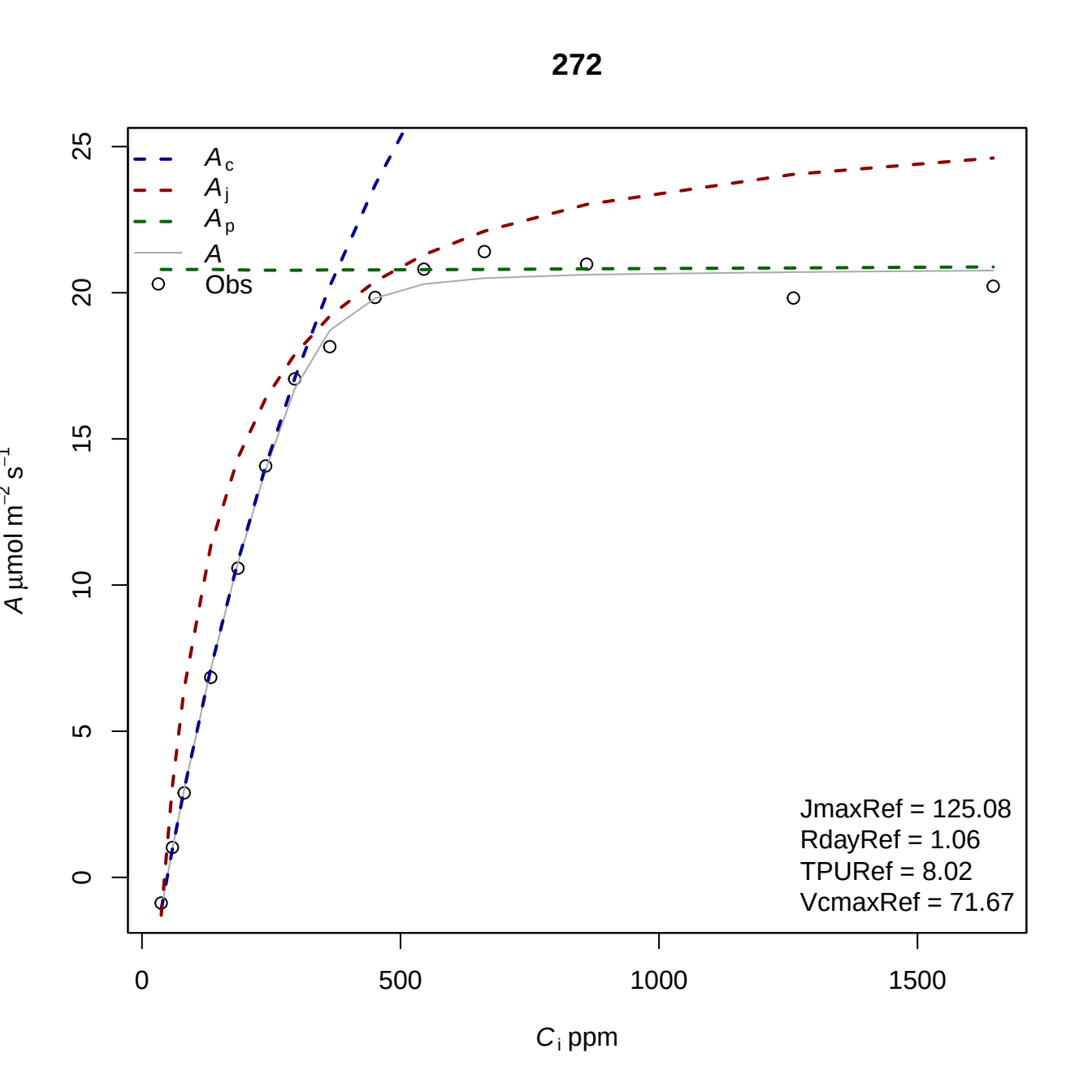

267
A_c
A_j
A_p
A
Obs
JmaxRef = 66.86
RdayRef = 0.96
TPURef = 9999
VcmaxRef = 31.1
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800

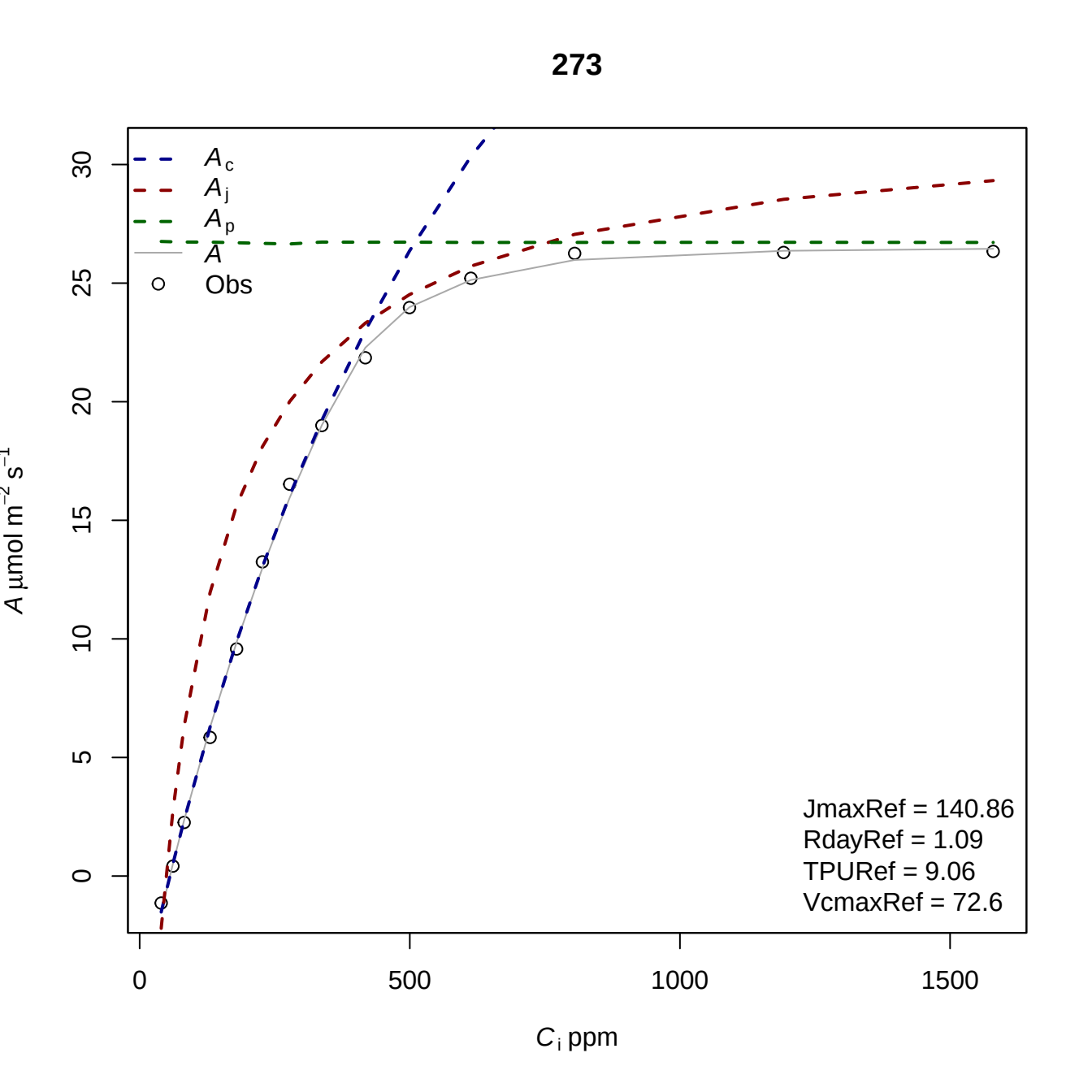

268
A_c
A_j
A_p
A
Obs
JmaxRef = 127.71
RdayRef = −0.07
TPURef = 9999
VcmaxRef = 63.6
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

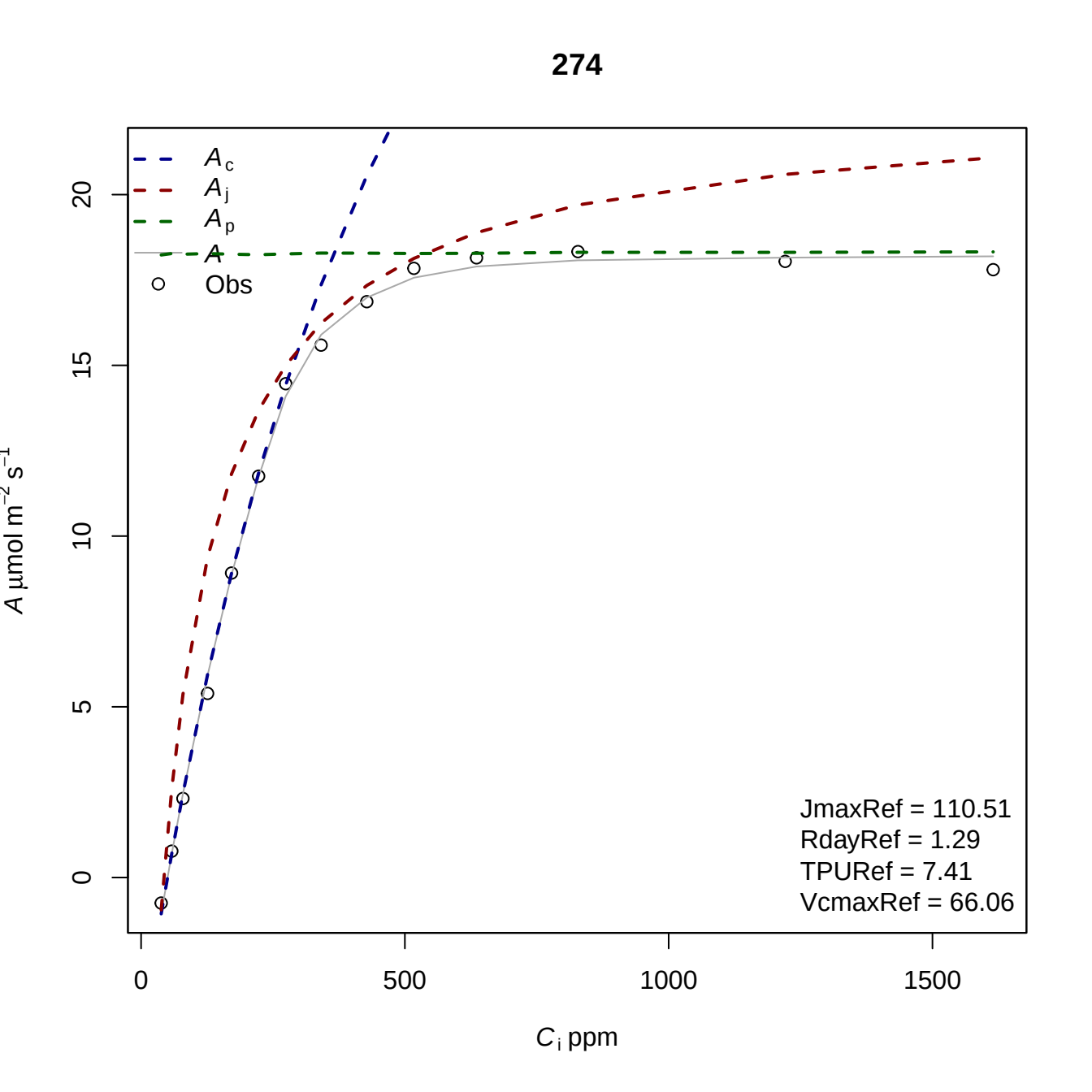

269
A_c
A_j
A_p
A
Obs
JmaxRef = 136.13
RdayRef = 0.75
TPURef = 8.8
VcmaxRef = 74.27
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

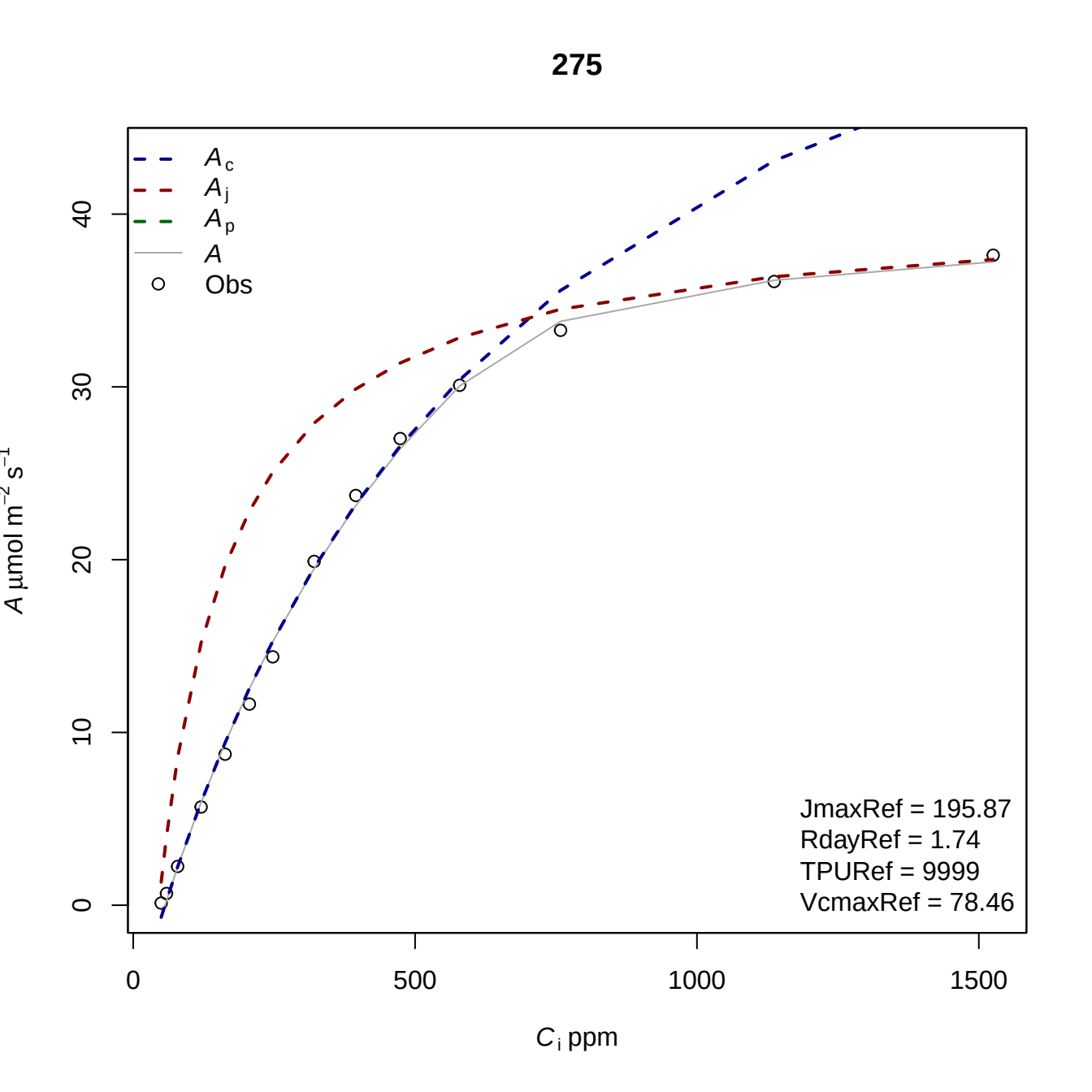

270
A_c
A_j
A_p
A
Obs
JmaxRef = 146.08
RdayRef = 0.99
TPURef = 9.39
VcmaxRef = 83.74
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

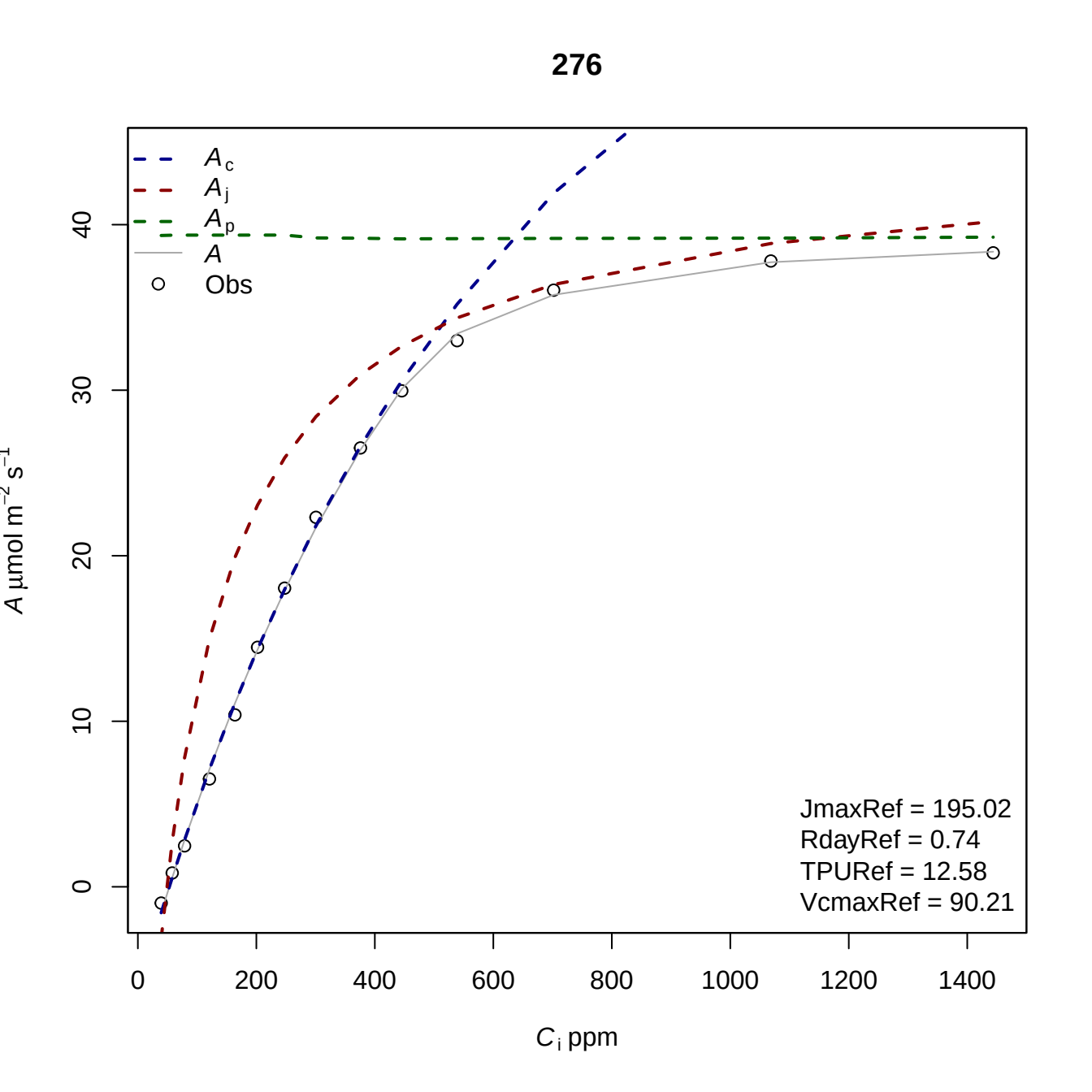

271
A_c
A_j
A_p
A
Obs
JmaxRef = 86.98
RdayRef = 0.69
TPURef = 6.13
VcmaxRef = 45.29
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

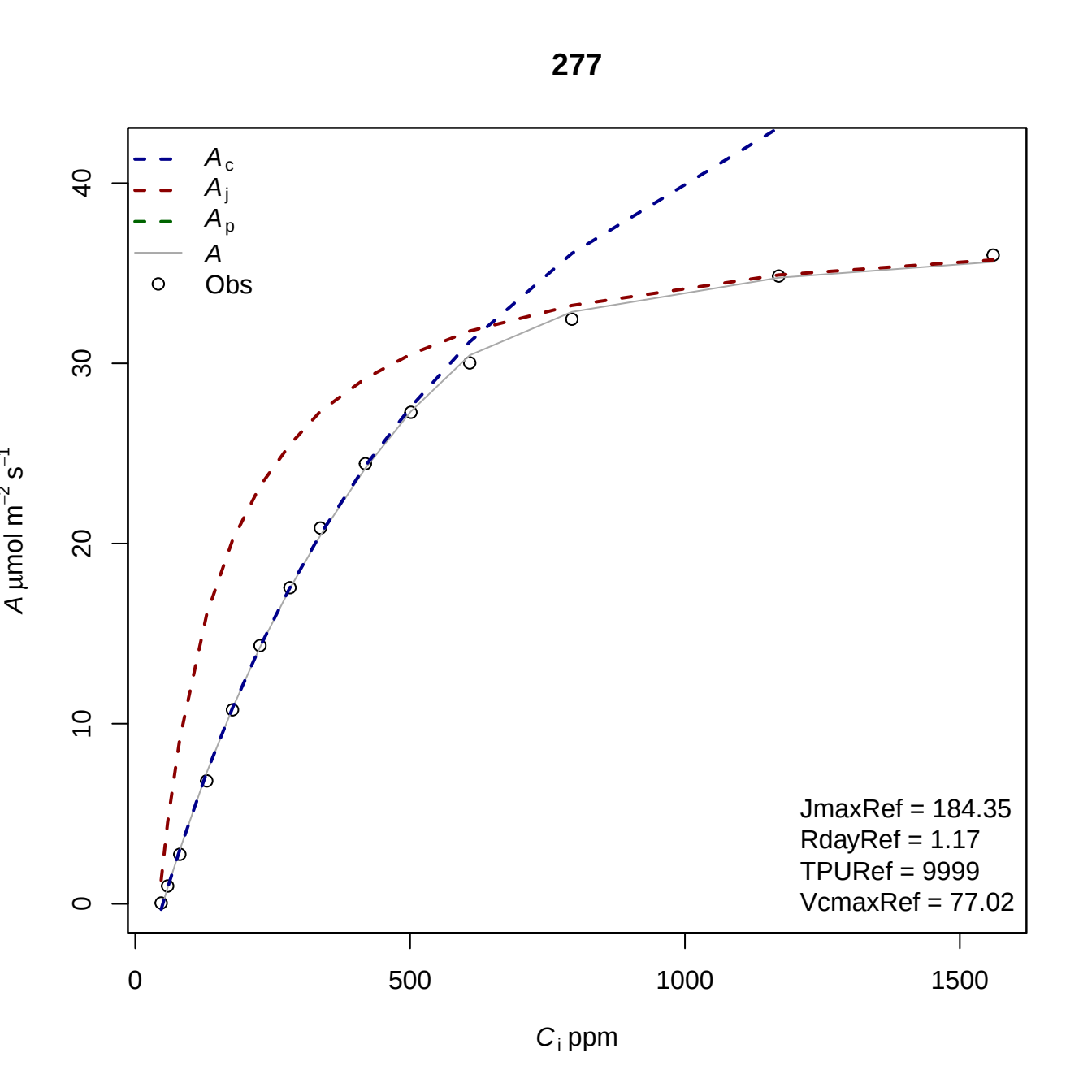

272
A_c
A_j
A_p
A
Obs
JmaxRef = 125.08
RdayRef = 1.06
TPURef = 8.02
VcmaxRef = 71.67
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

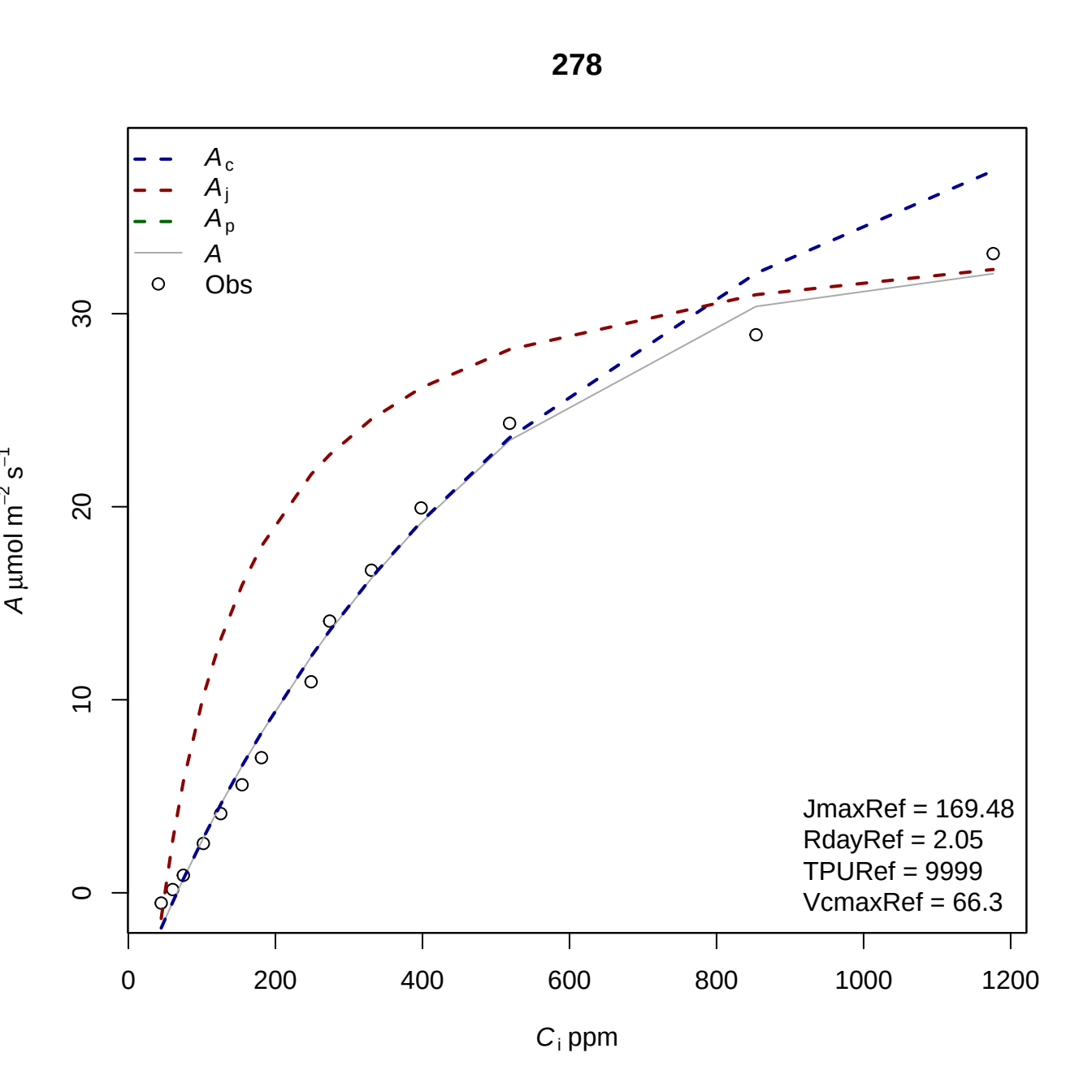

273
A_c
A_j
A_p
A
Obs
JmaxRef = 140.86
RdayRef = 1.09
TPURef = 9.06
VcmaxRef = 72.6
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

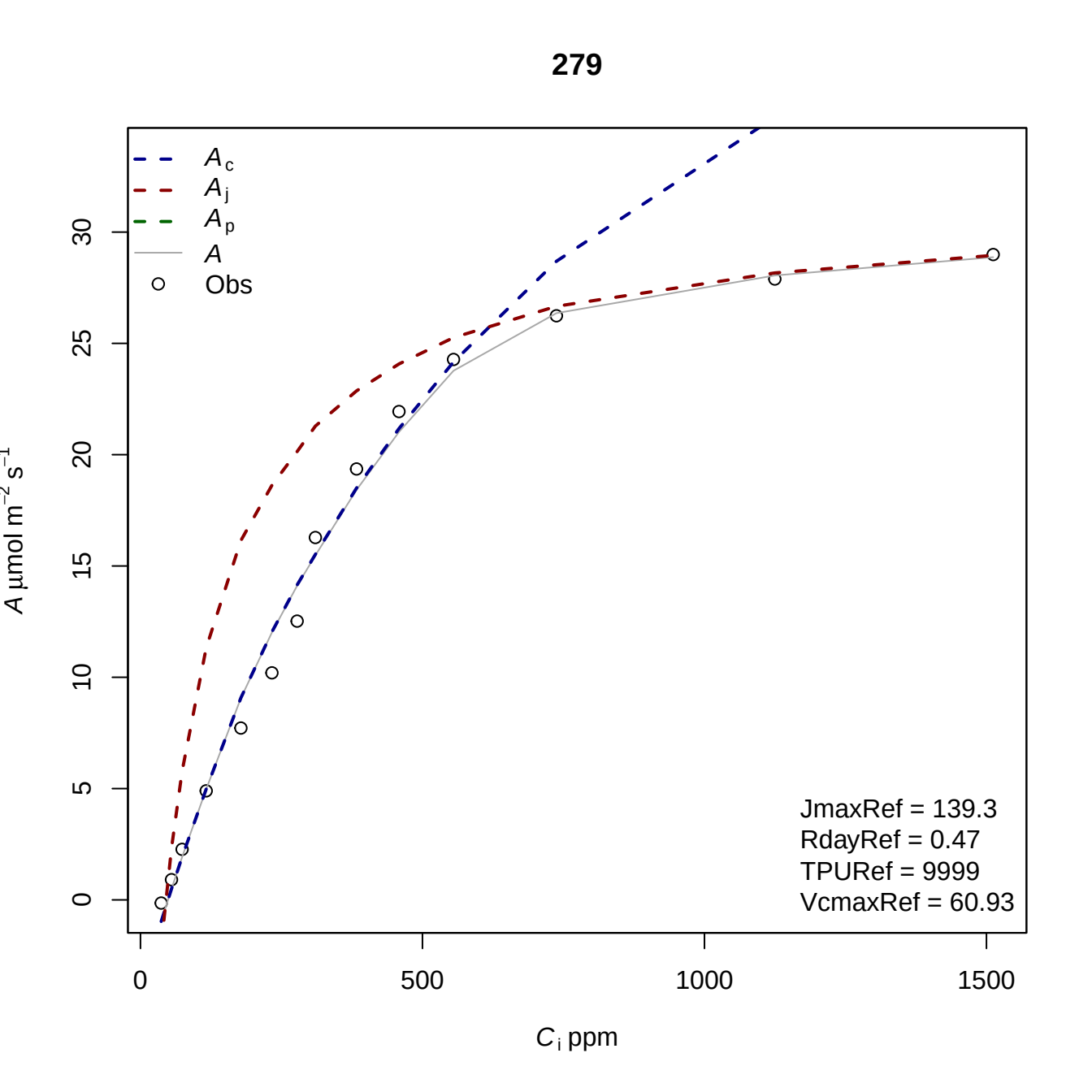

274
A_c
A_j
A_p
A
Obs
JmaxRef = 110.51
RdayRef = 1.29
TPURef = 7.41
VcmaxRef = 66.06
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

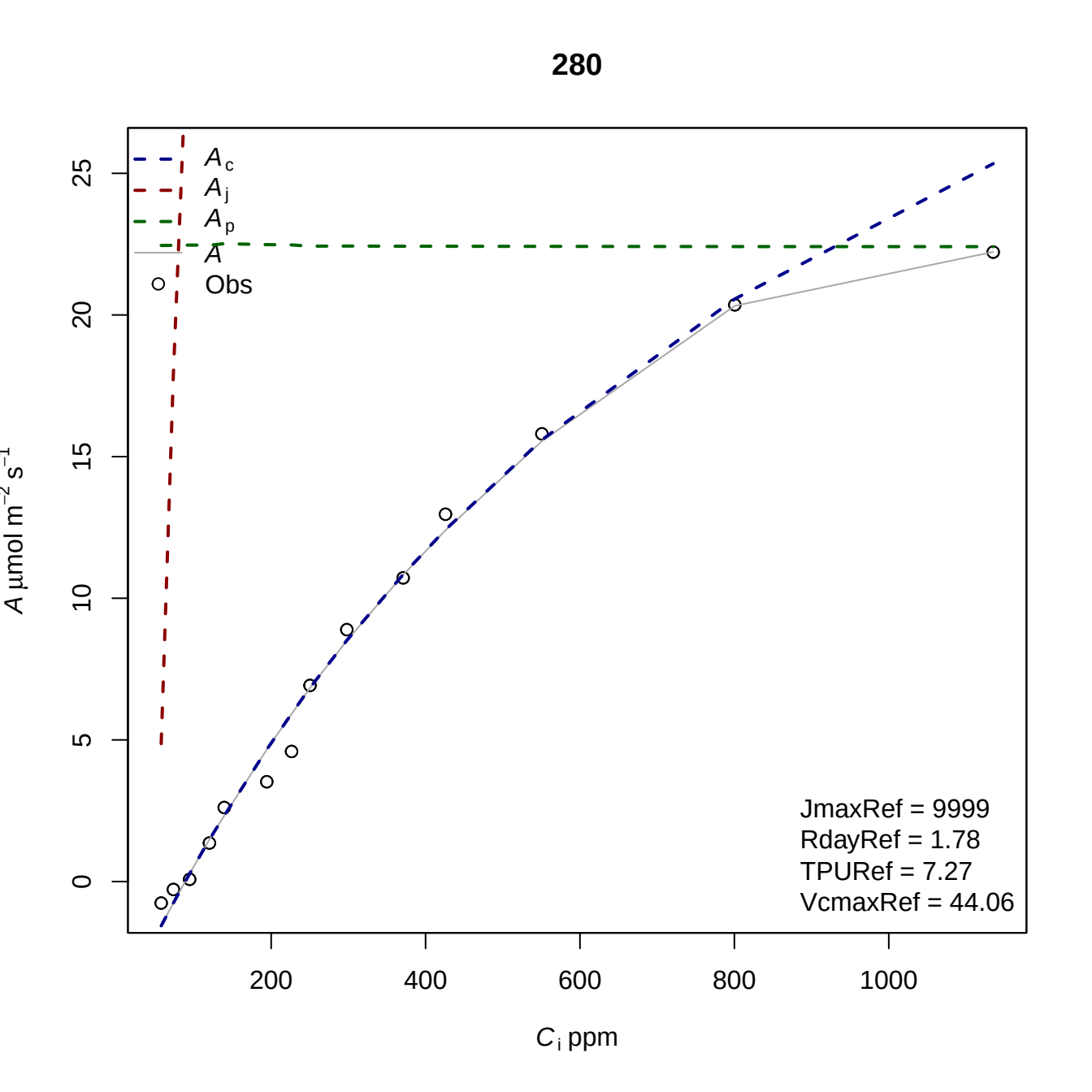

275
A_c
A_j
A_p
A
Obs
JmaxRef = 195.87
RdayRef = 1.74
TPURef = 9999
VcmaxRef = 78.46
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
500
1000
1500

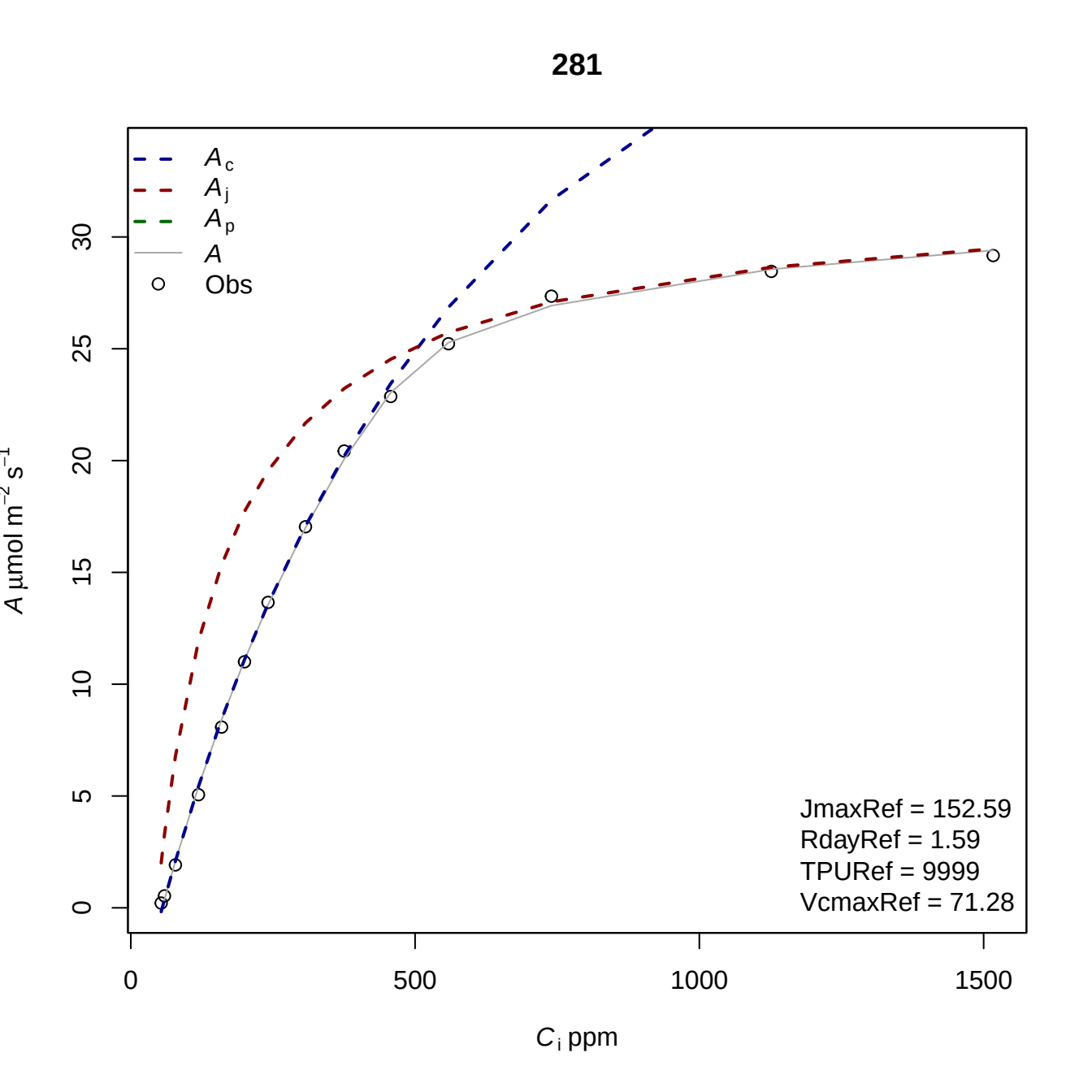

276
A_c
A_j
A_p
A
Obs
JmaxRef = 195.02
RdayRef = 0.74
TPURef = 12.58
VcmaxRef = 90.21
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000
1200
1400

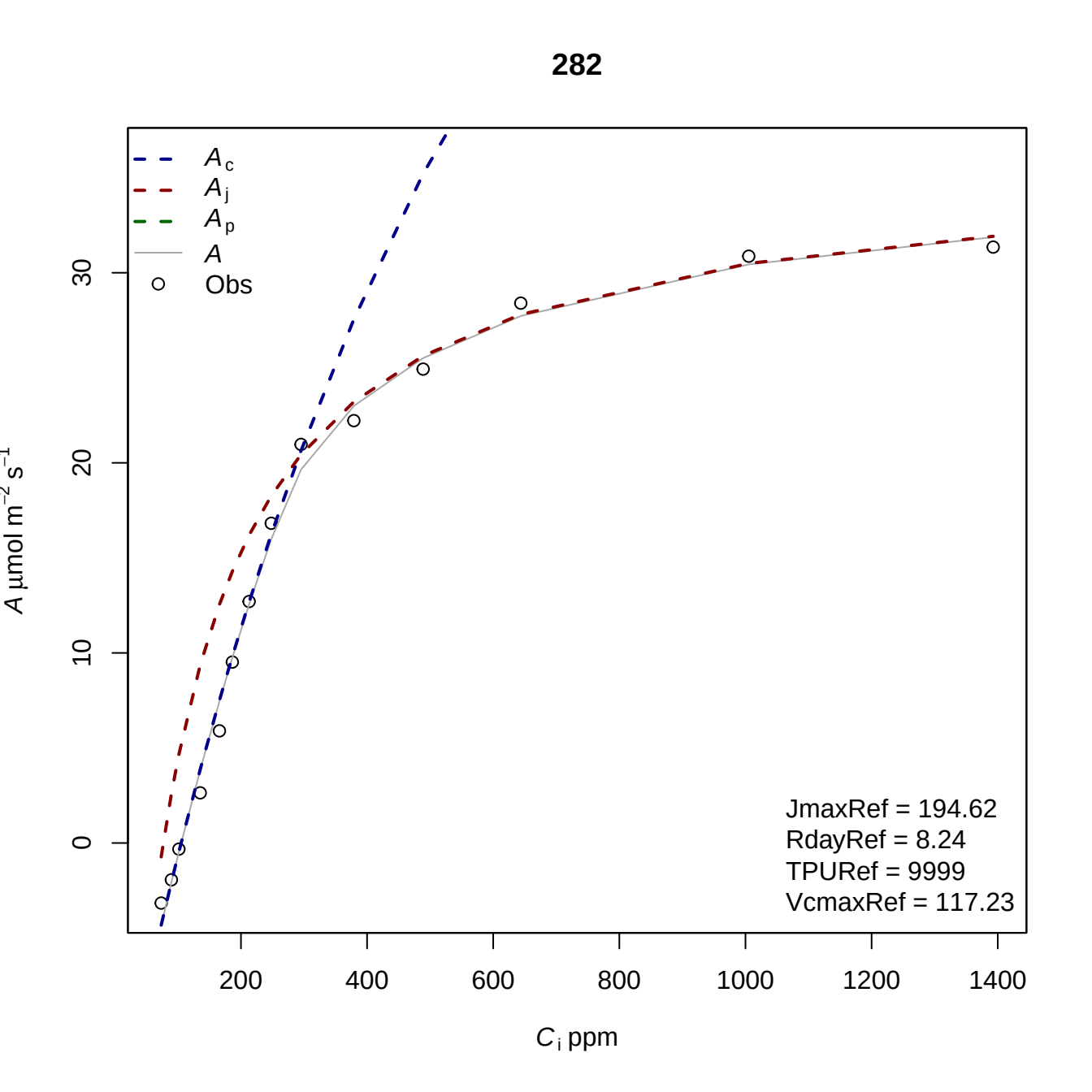

277
A_c
A_j
A_p
A
Obs
JmaxRef = 184.35
RdayRef = 1.17
TPURef = 9999
VcmaxRef = 77.02
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
500
1000
1500

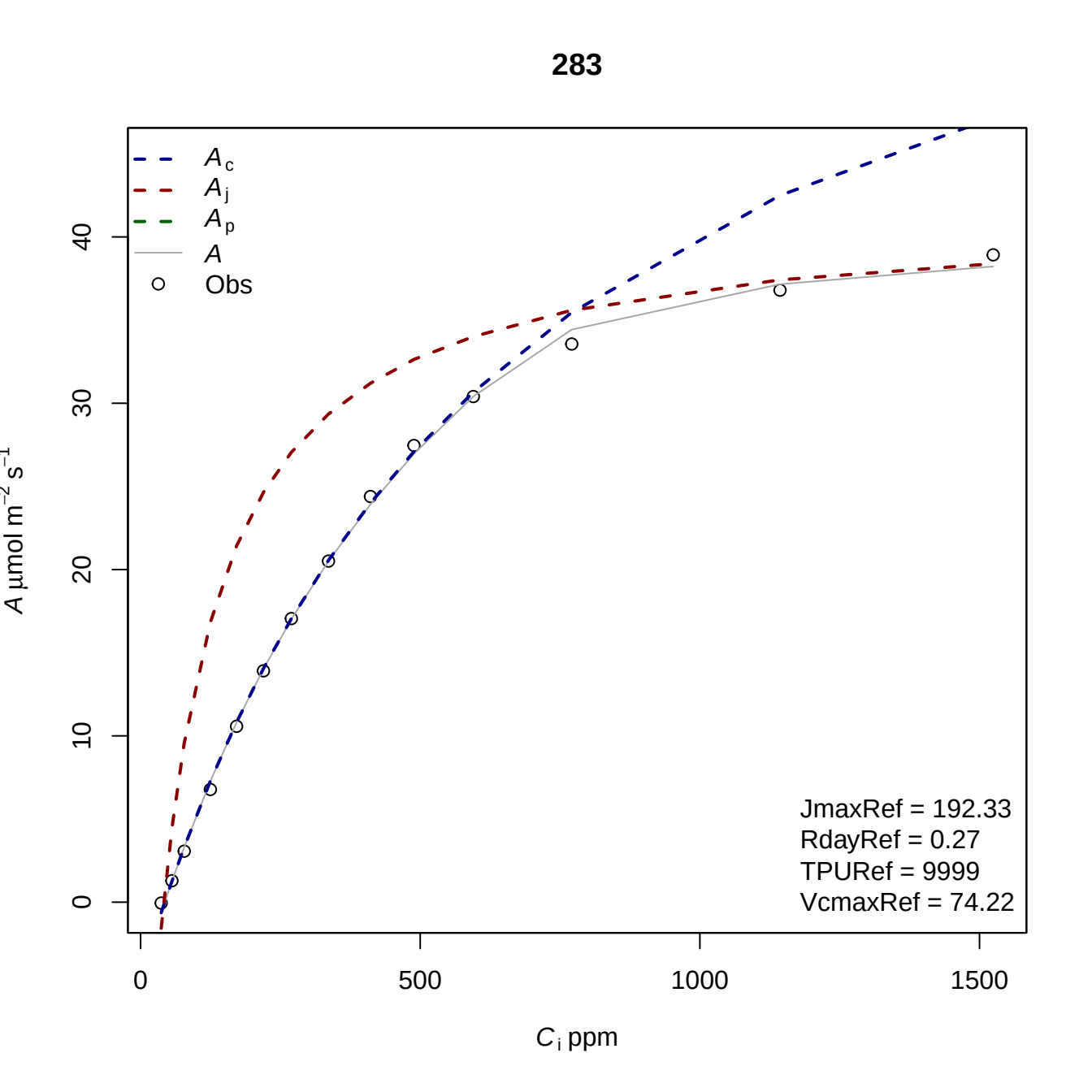

278
A_c
A_j
A_p
A
Obs
JmaxRef = 169.48
RdayRef = 2.05
TPURef = 9999
VcmaxRef = 66.3
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
0
200
400
600
800
1000
1200

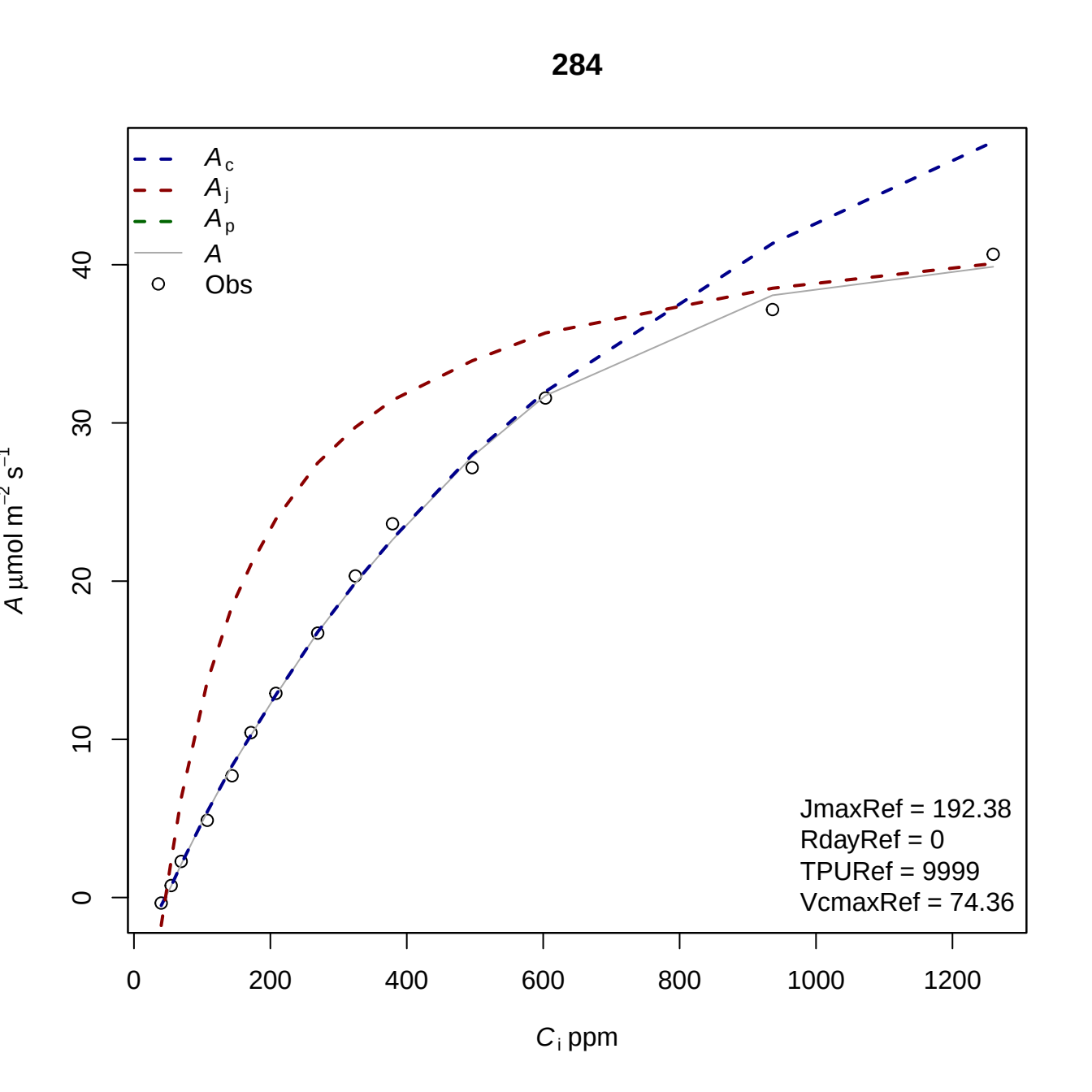

279
A_c
A_j
A_p
A
Obs
JmaxRef = 139.3
RdayRef = 0.47
TPURef = 9999
VcmaxRef = 60.93
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

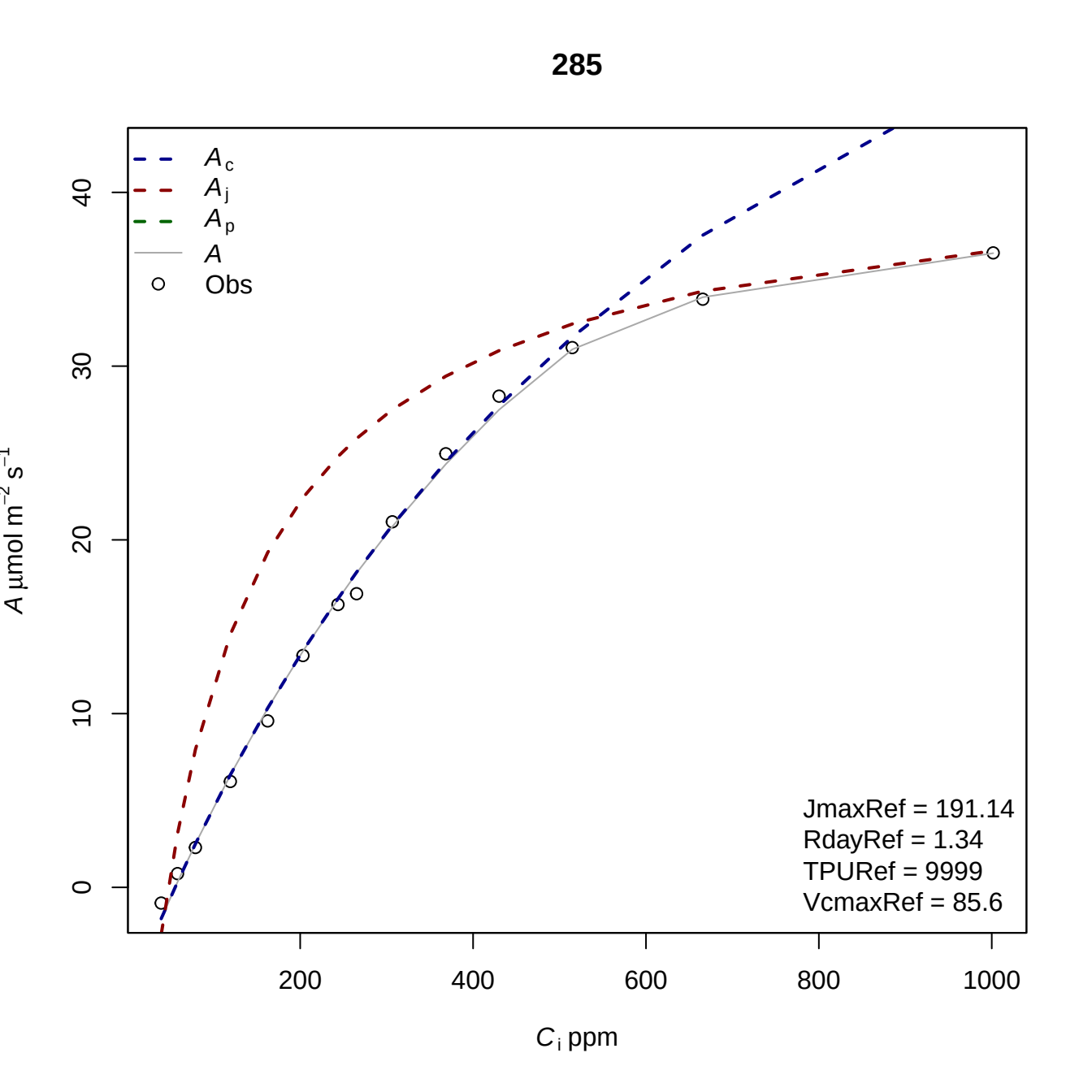

280
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.78
TPURef = 7.27
VcmaxRef = 44.06
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000

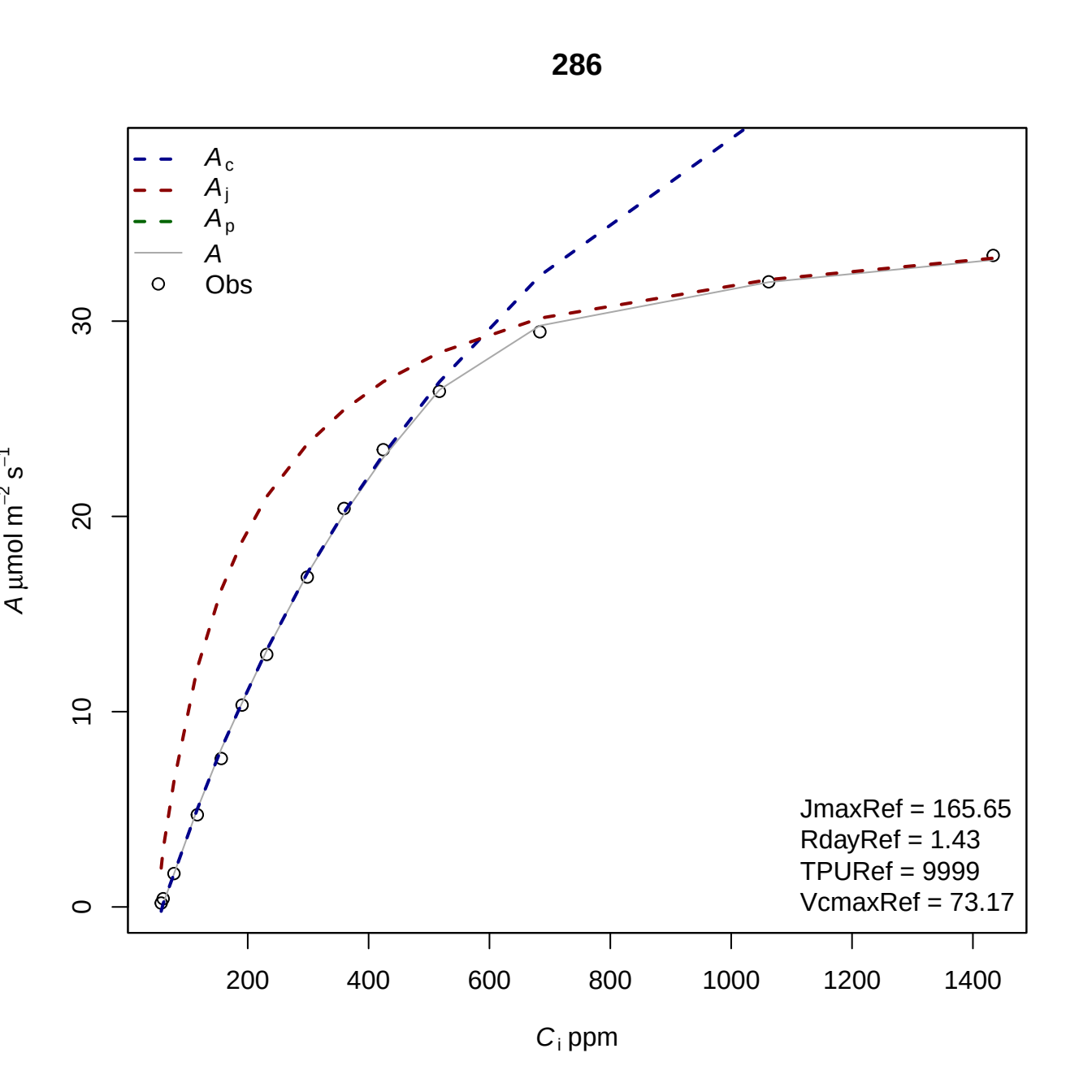

281
A_c
A_j
A_p
A
Obs
JmaxRef = 152.59
RdayRef = 1.59
TPURef = 9999
VcmaxRef = 71.28
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

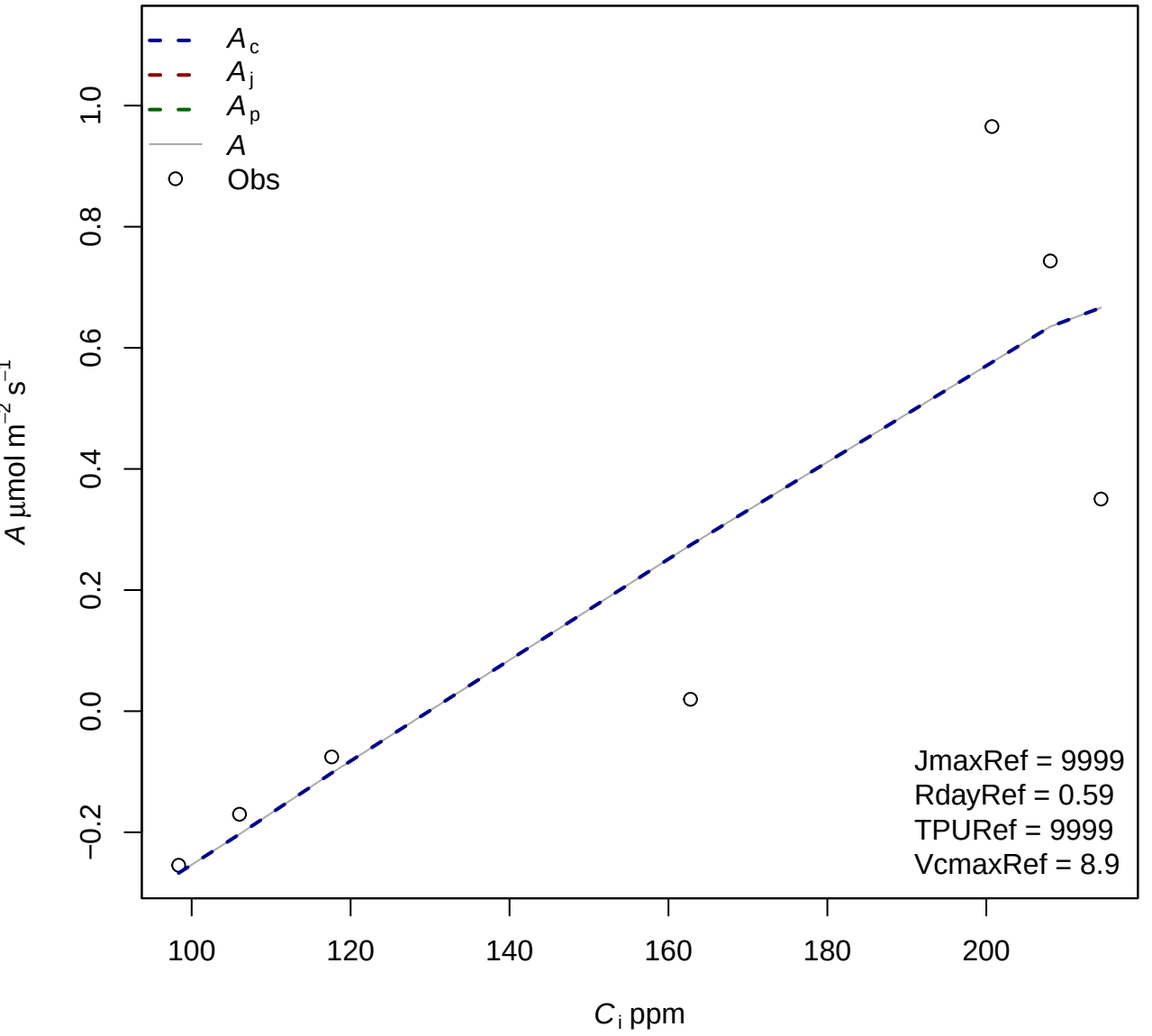

282
A_c
A_j
A_p
A
Obs
JmaxRef = 194.62
RdayRef = 8.24
TPURef = 9999
VcmaxRef = 117.23
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
200
400
600
800
1000
1200
1400

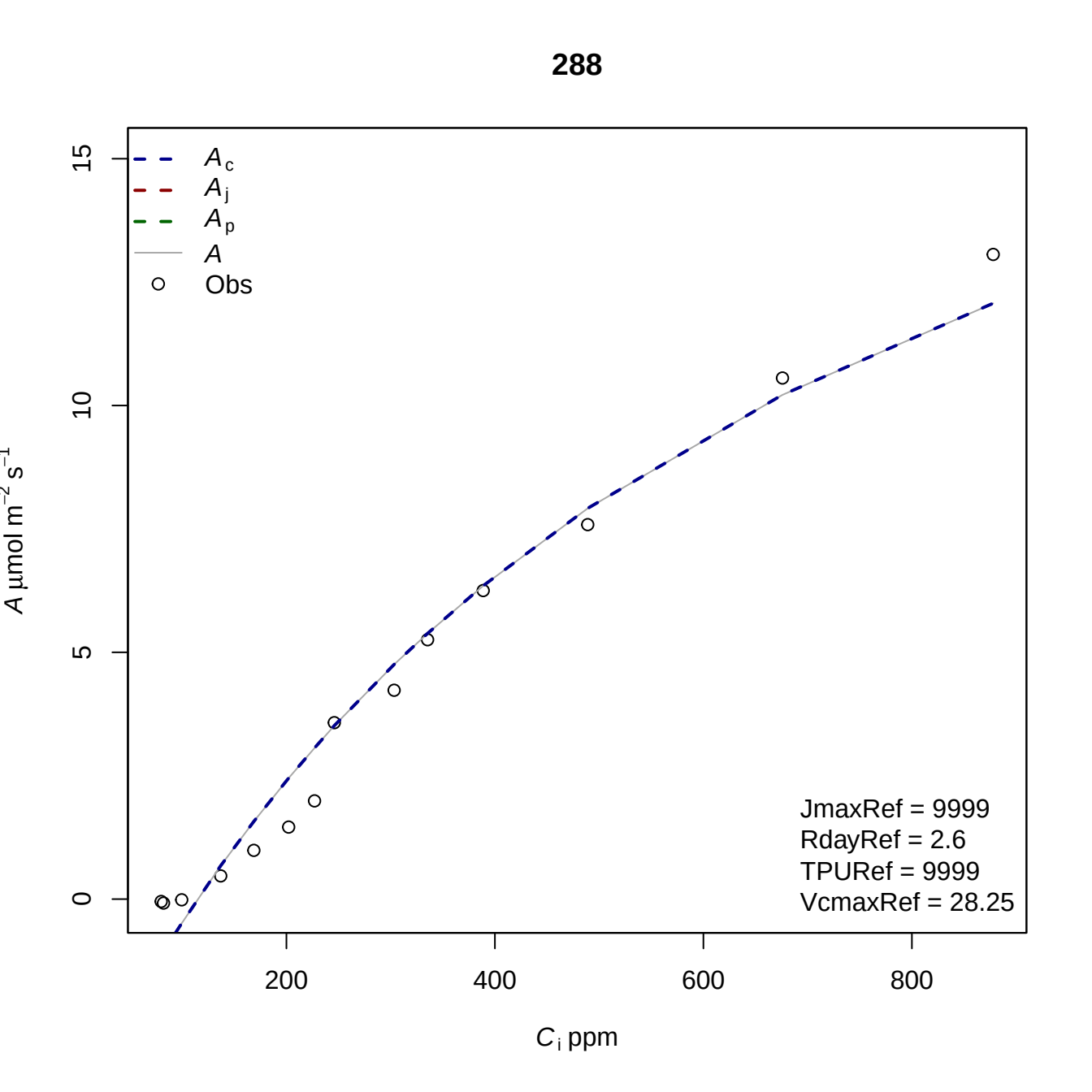

283
A_c
A_j
A_p
A
Obs
JmaxRef = 192.33
RdayRef = 0.27
TPURef = 9999
VcmaxRef = 74.22
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
500
1000
1500

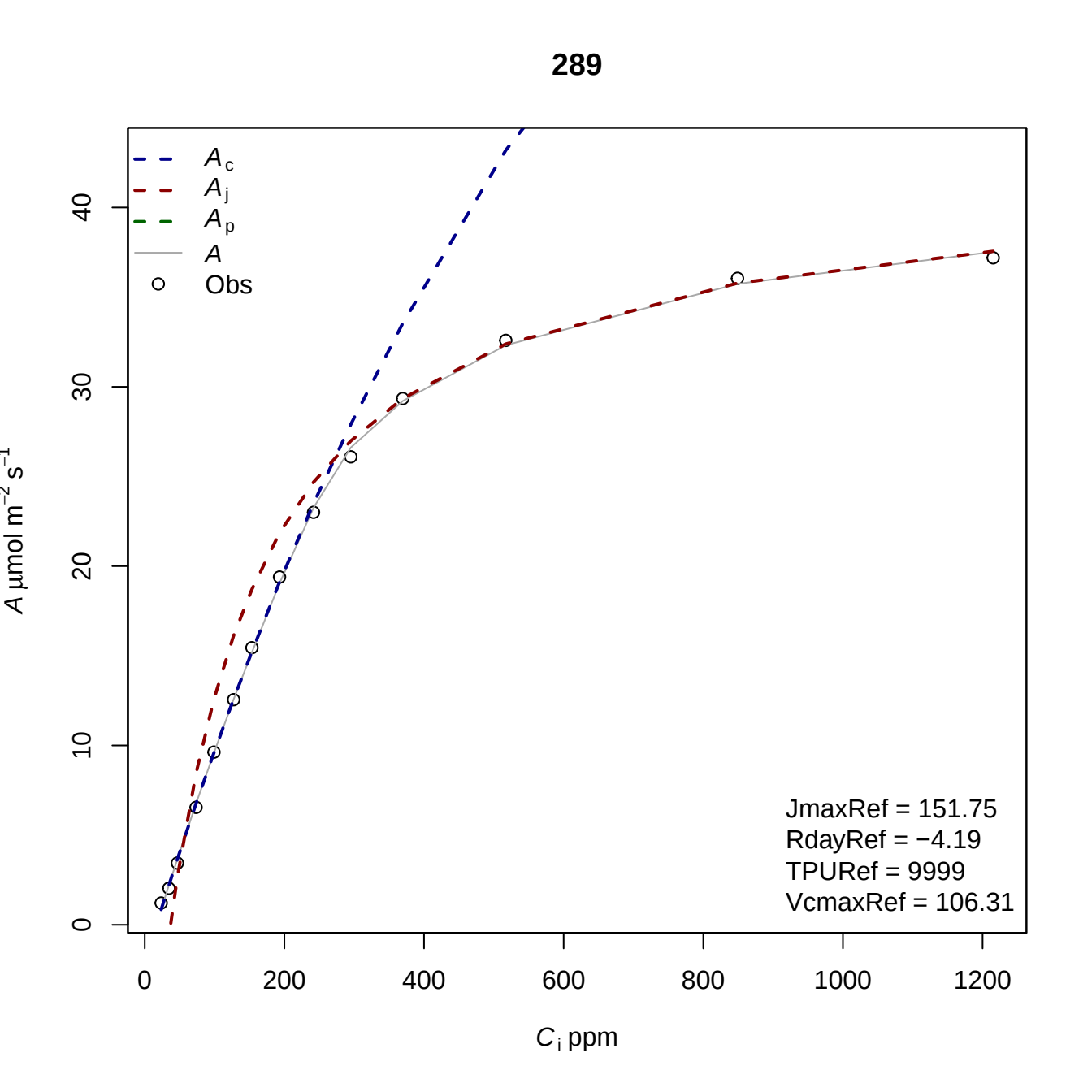

284
A_c
A_j
A_p
A
Obs
JmaxRef = 192.38
RdayRef = 0
TPURef = 9999
VcmaxRef = 74.36
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000
1200

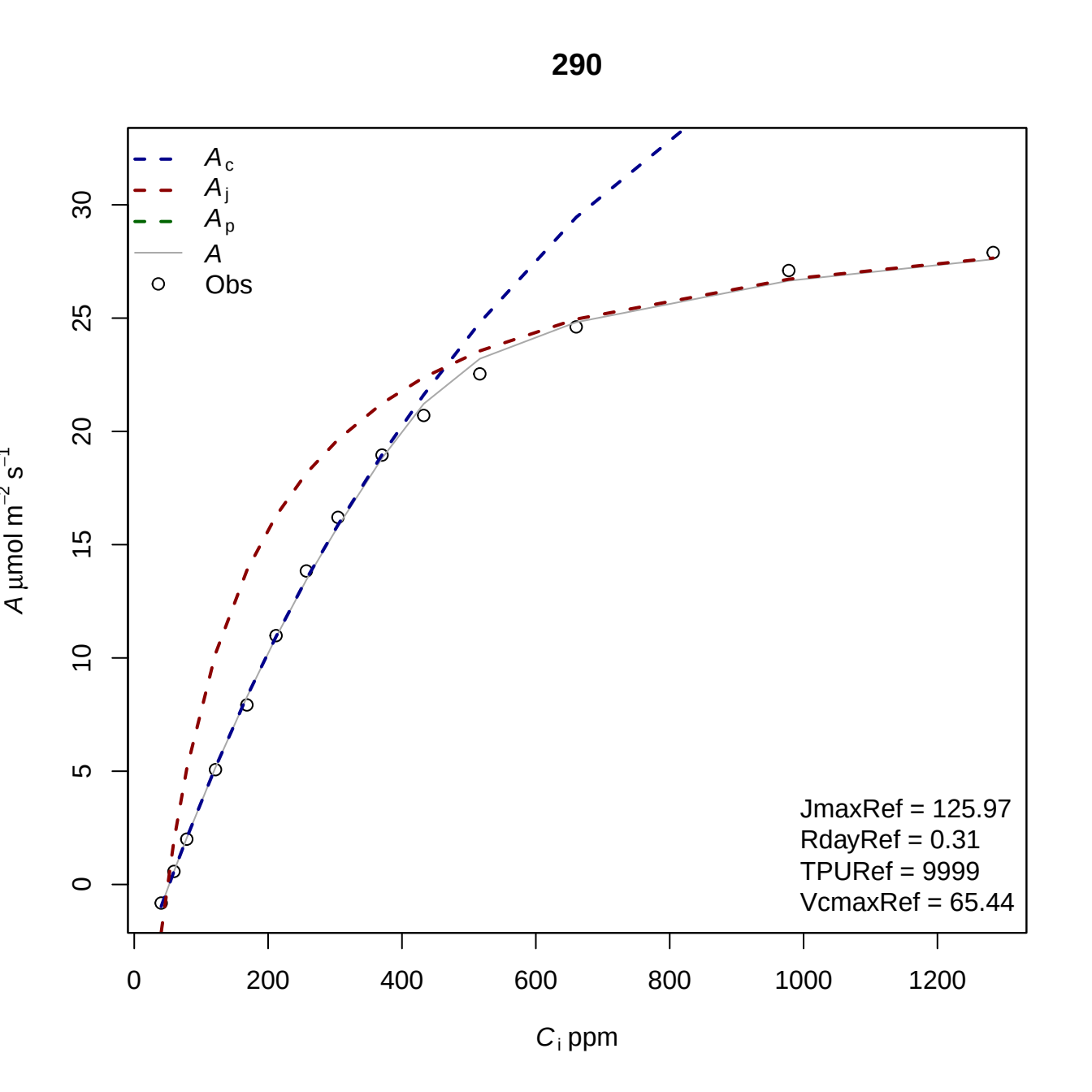

285
A_c
A_j
A_p
A
Obs
JmaxRef = 191.14
RdayRef = 1.34
TPURef = 9999
VcmaxRef = 85.6
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
200
400
600
800
1000

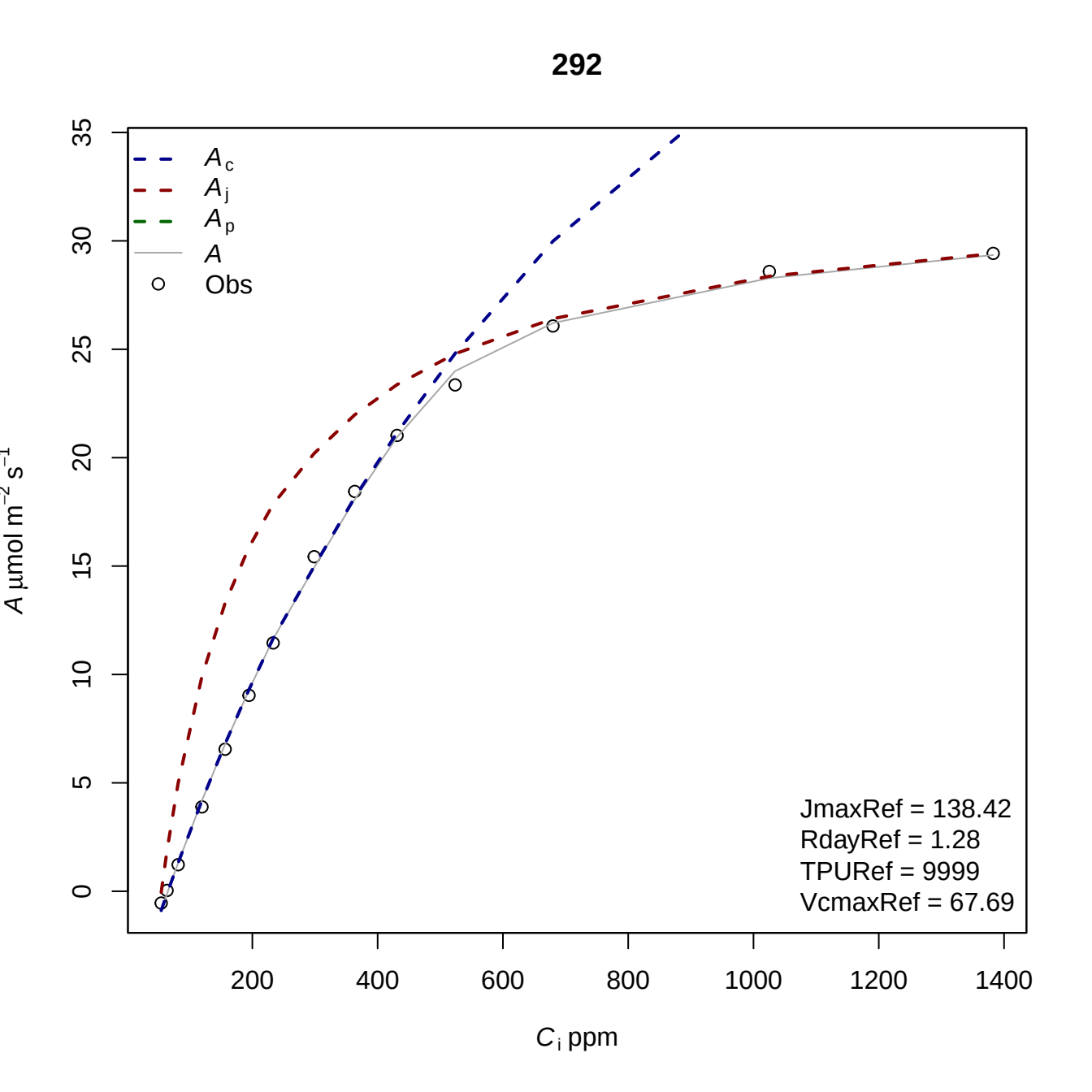

286
A_c
A_j
A_p
A
Obs
JmaxRef = 165.65
RdayRef = 1.43
TPURef = 9999
VcmaxRef = 73.17
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
200
400
600
800
1000
1200
1400

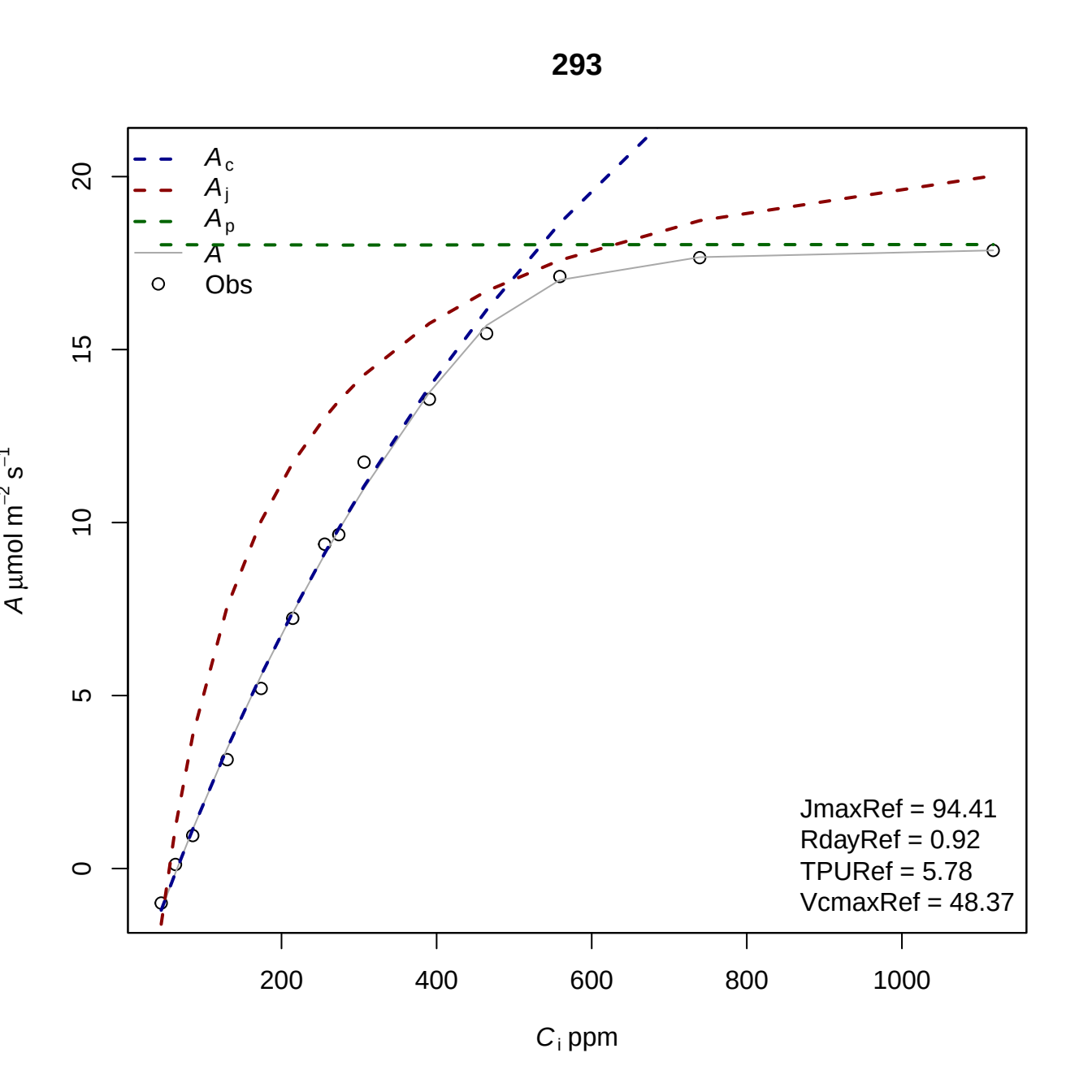

A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.59
TPURef = 9999
VcmaxRef = 8.9
A µmol m^{-2} s^{-1}
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
100
120
140
160
180
200
C_i ppm

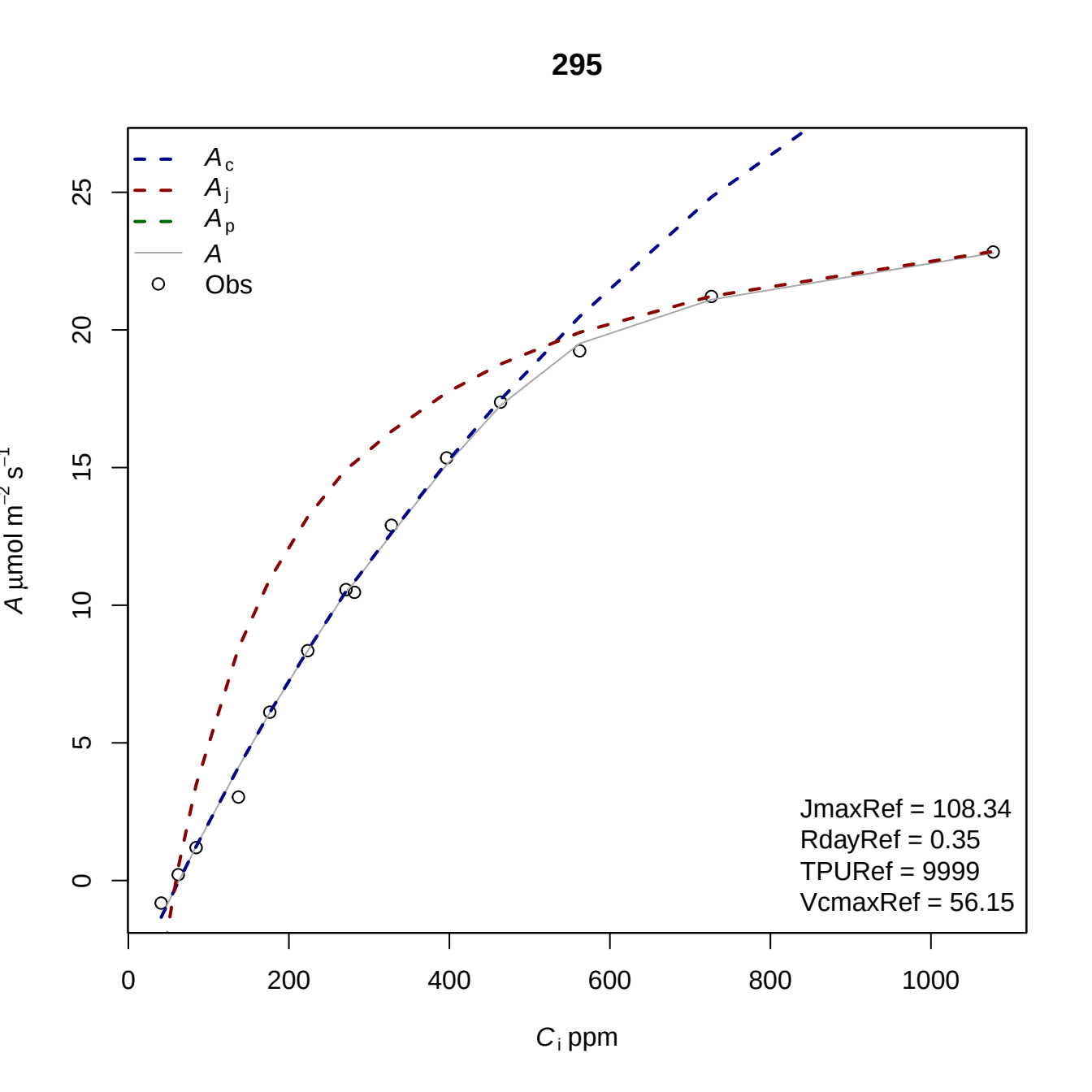

288
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 2.6
TPURef = 9999
VcmaxRef = 28.25
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800

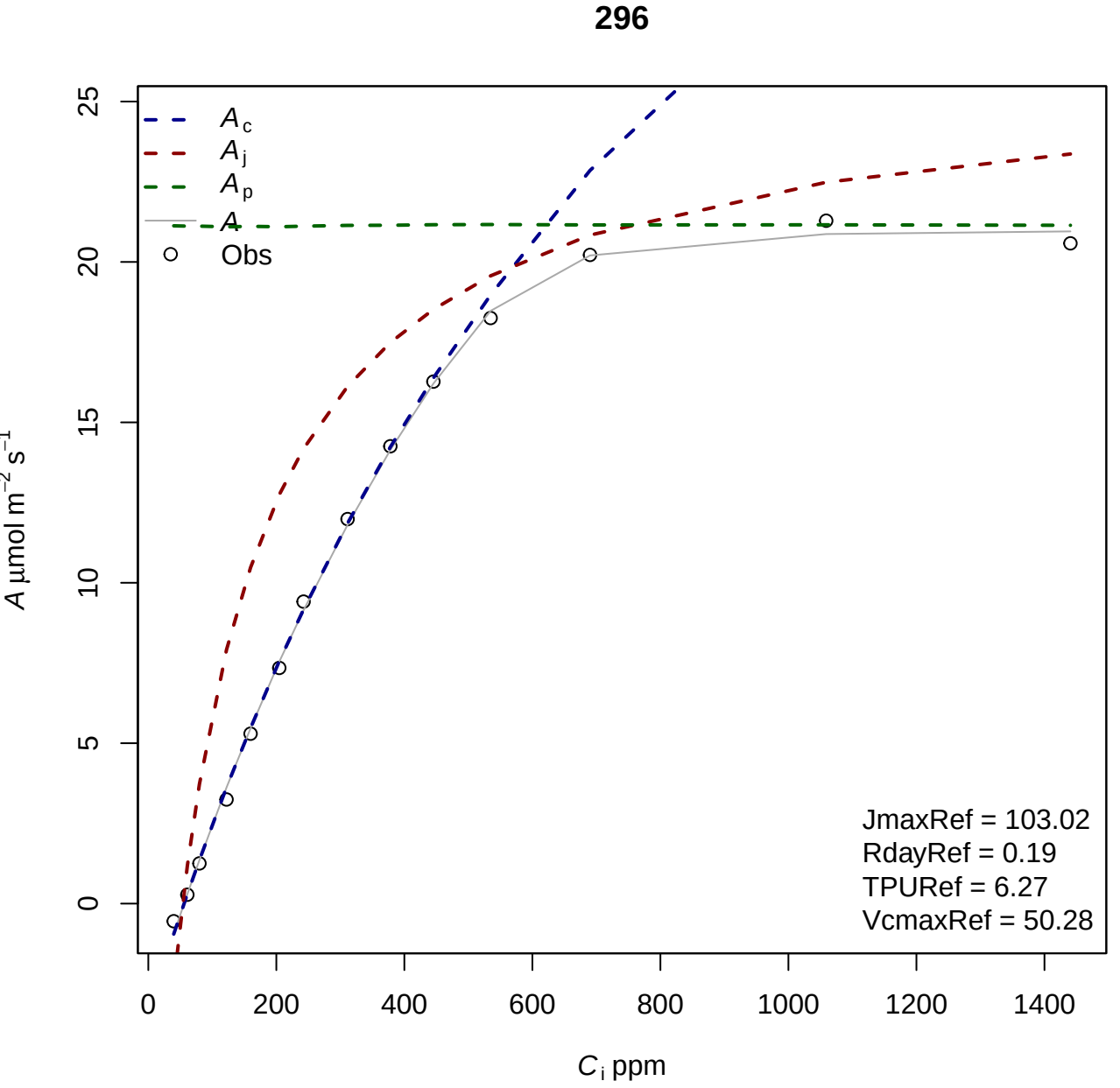

289
A_c
A_j
A_p
A
Obs
JmaxRef = 151.75
RdayRef = −4.19
TPURef = 9999
VcmaxRef = 106.31
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000
1200

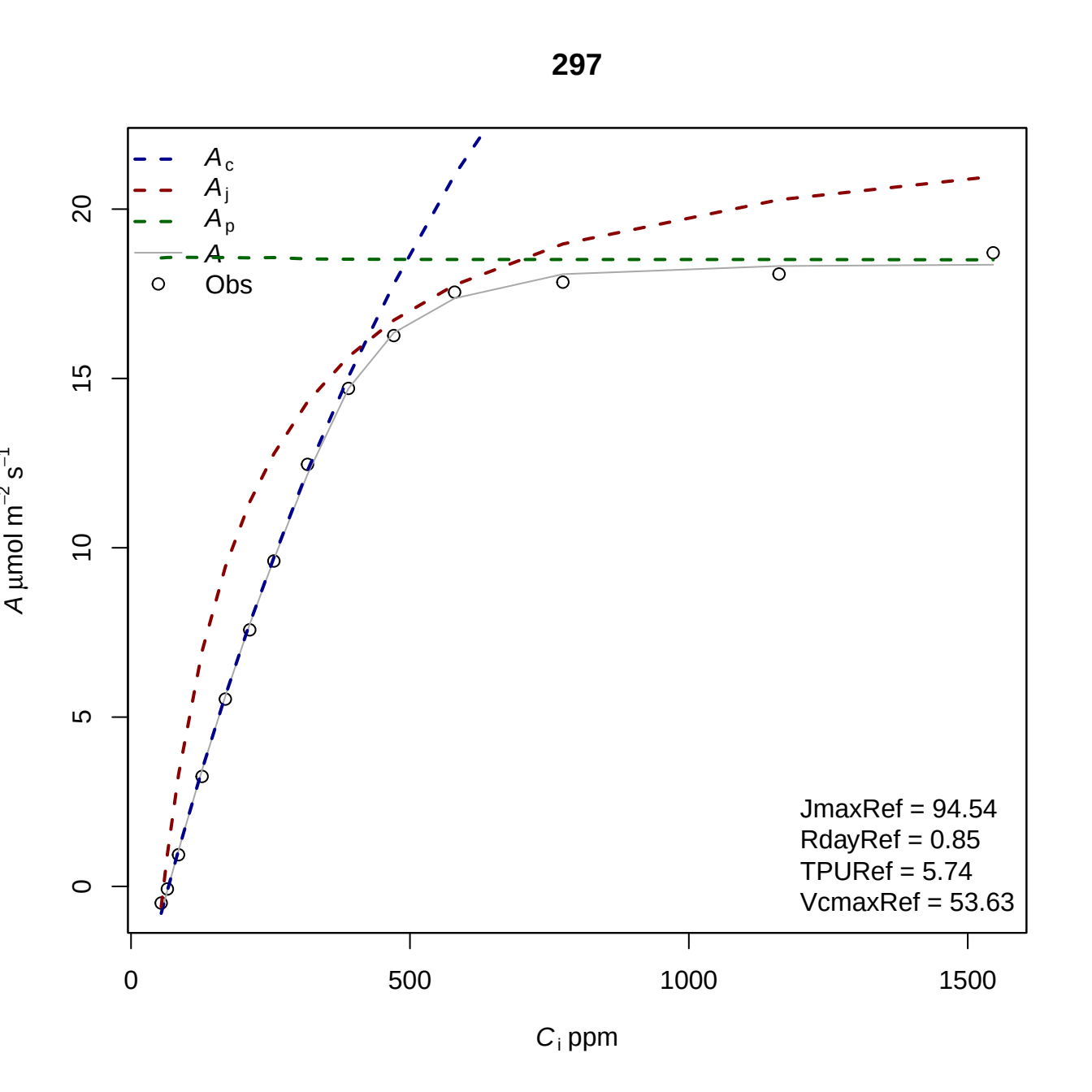

290
A_c
A_j
A_p
A
Obs
JmaxRef = 125.97
RdayRef = 0.31
TPURef = 9999
VcmaxRef = 65.44
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

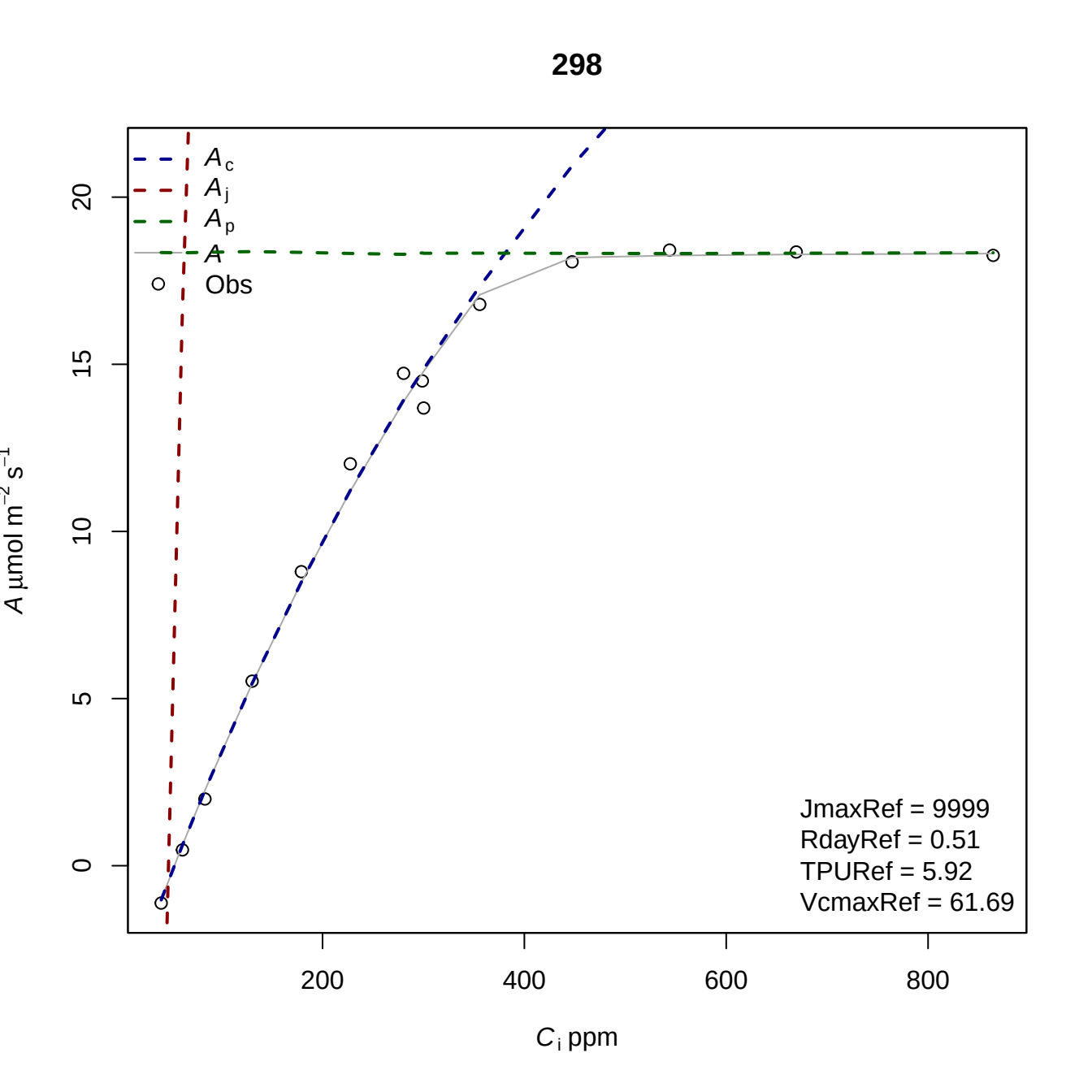

292
A_c
A_j
A_p
A
Obs
JmaxRef = 138.42
RdayRef = 1.28
TPURef = 9999
VcmaxRef = 67.69
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
200
400
600
800
1000
1200
1400

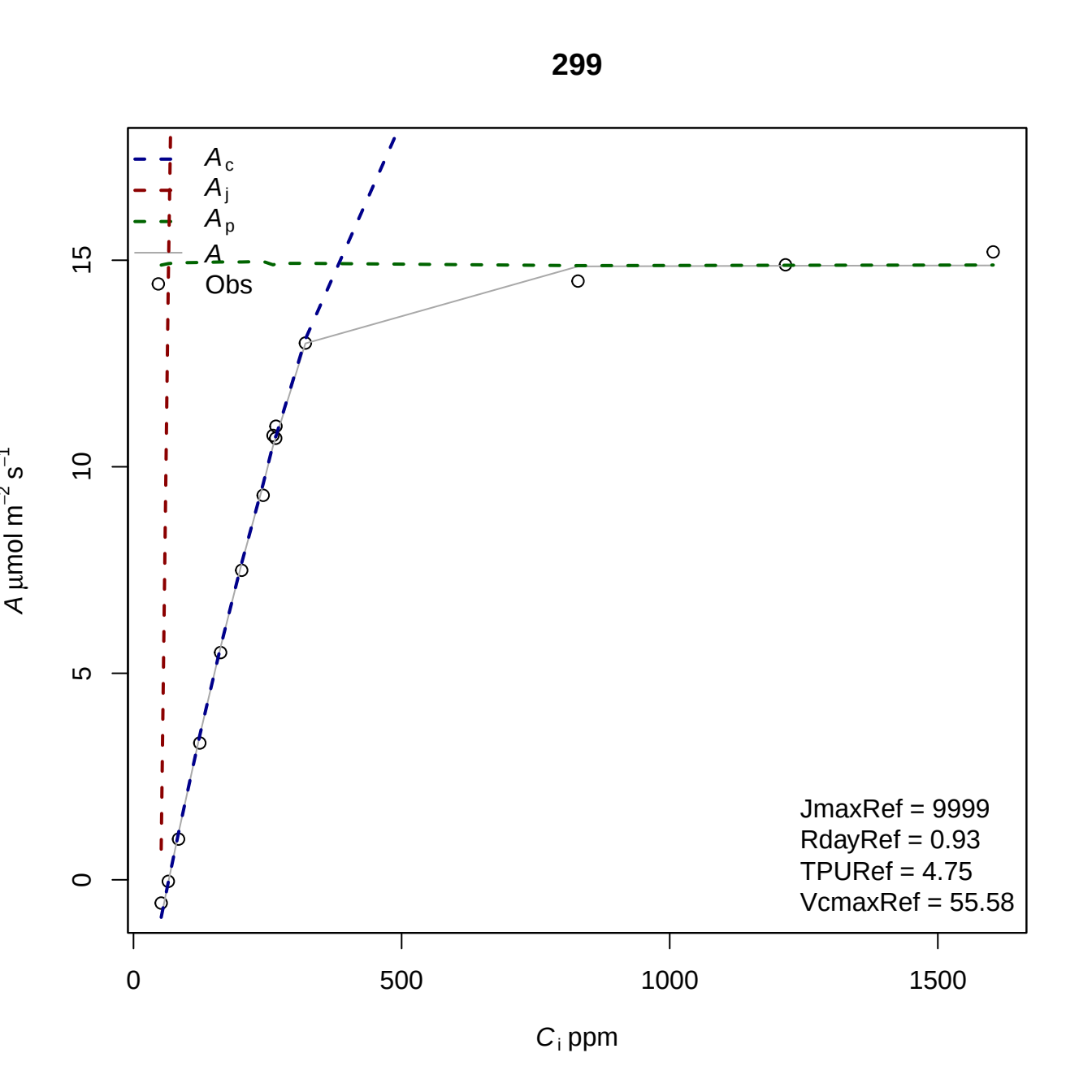

293
A_c
A_j
A_p
A
Obs
JmaxRef = 94.41
RdayRef = 0.92
TPURef = 5.78
VcmaxRef = 48.37
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

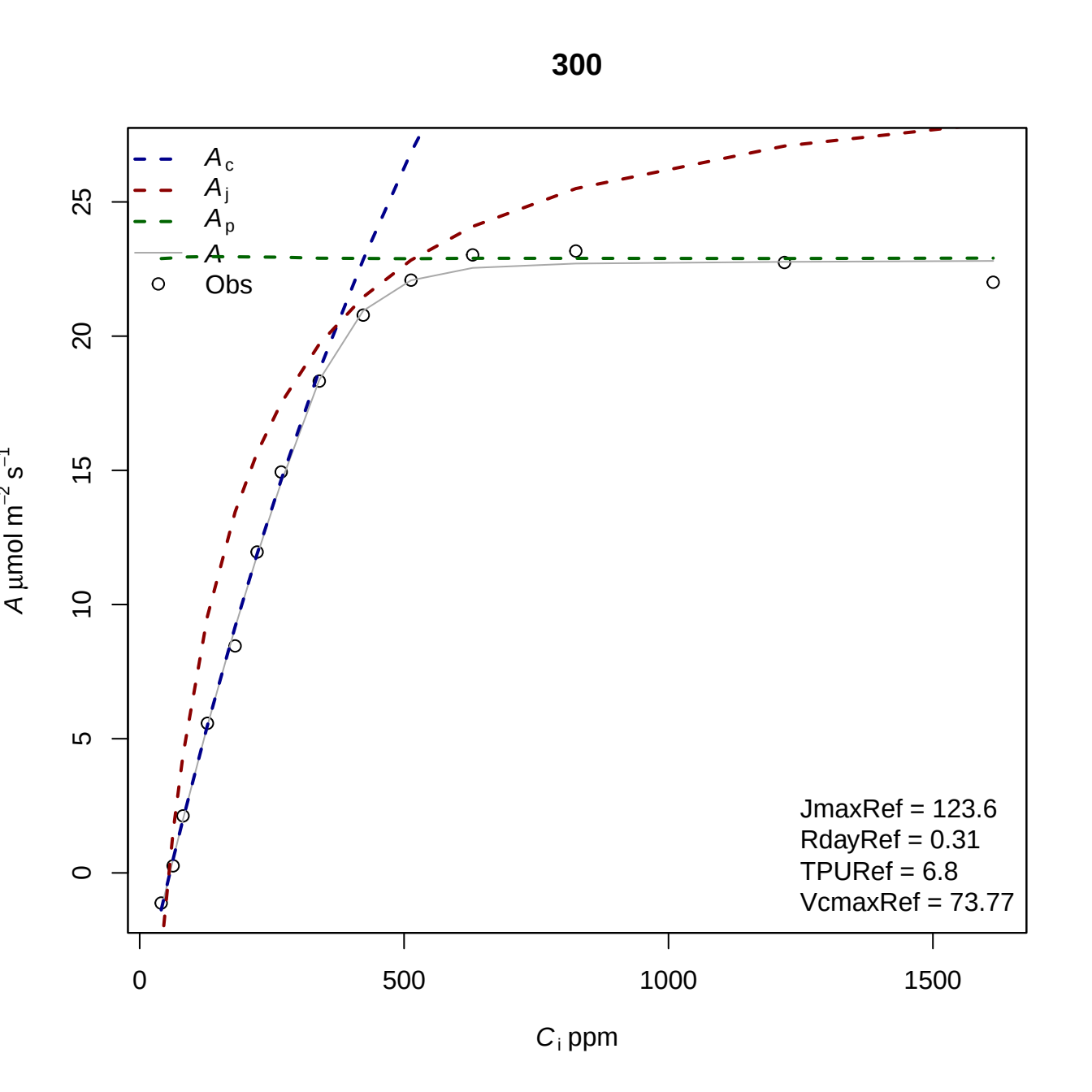

295
A_c
A_j
A_p
A
Obs
JmaxRef = 108.34
RdayRef = 0.35
TPURef = 9999
VcmaxRef = 56.15
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000

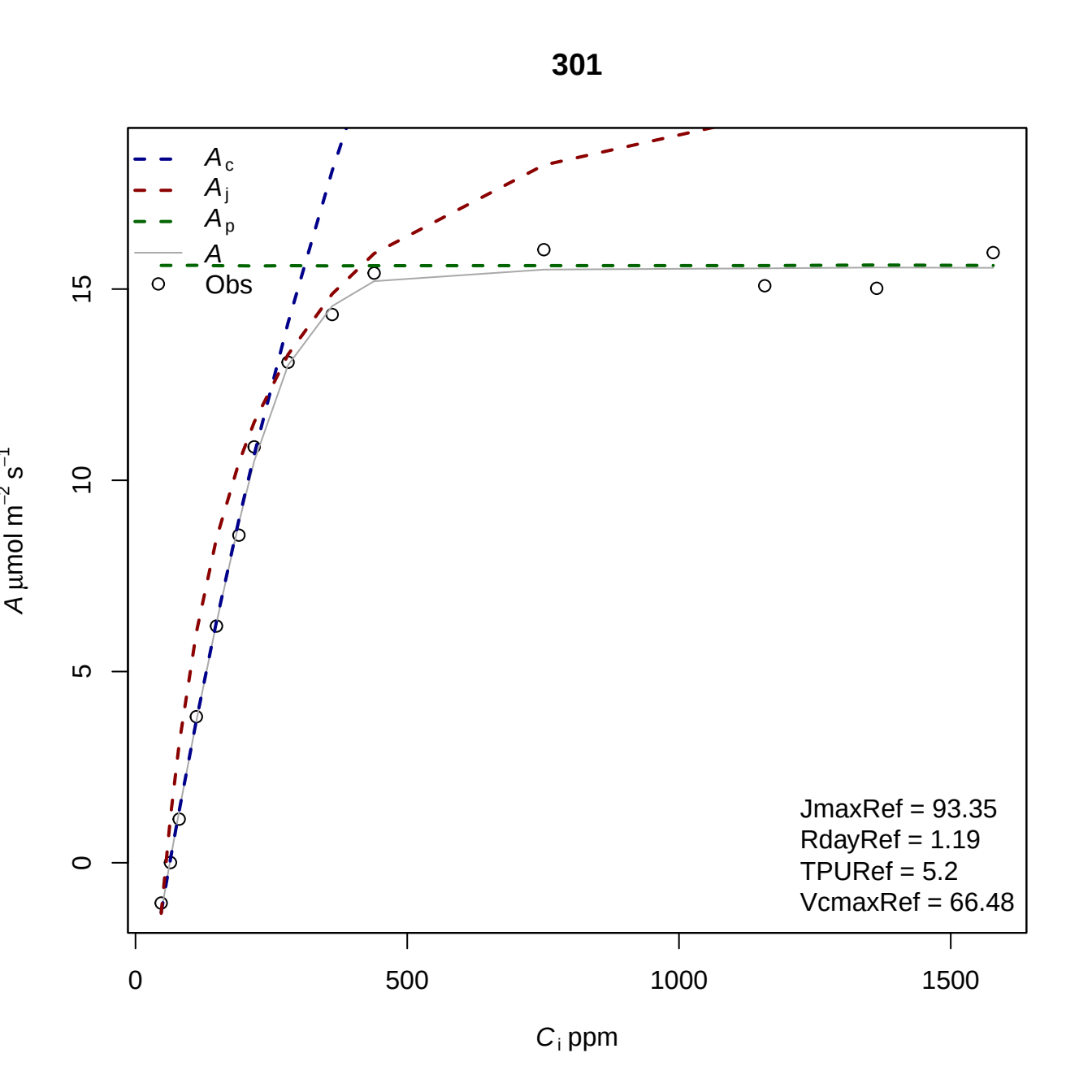

296
A_c
A_j
A_p
A
Obs
JmaxRef = 103.02
RdayRef = 0.19
TPURef = 6.27
VcmaxRef = 50.28
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

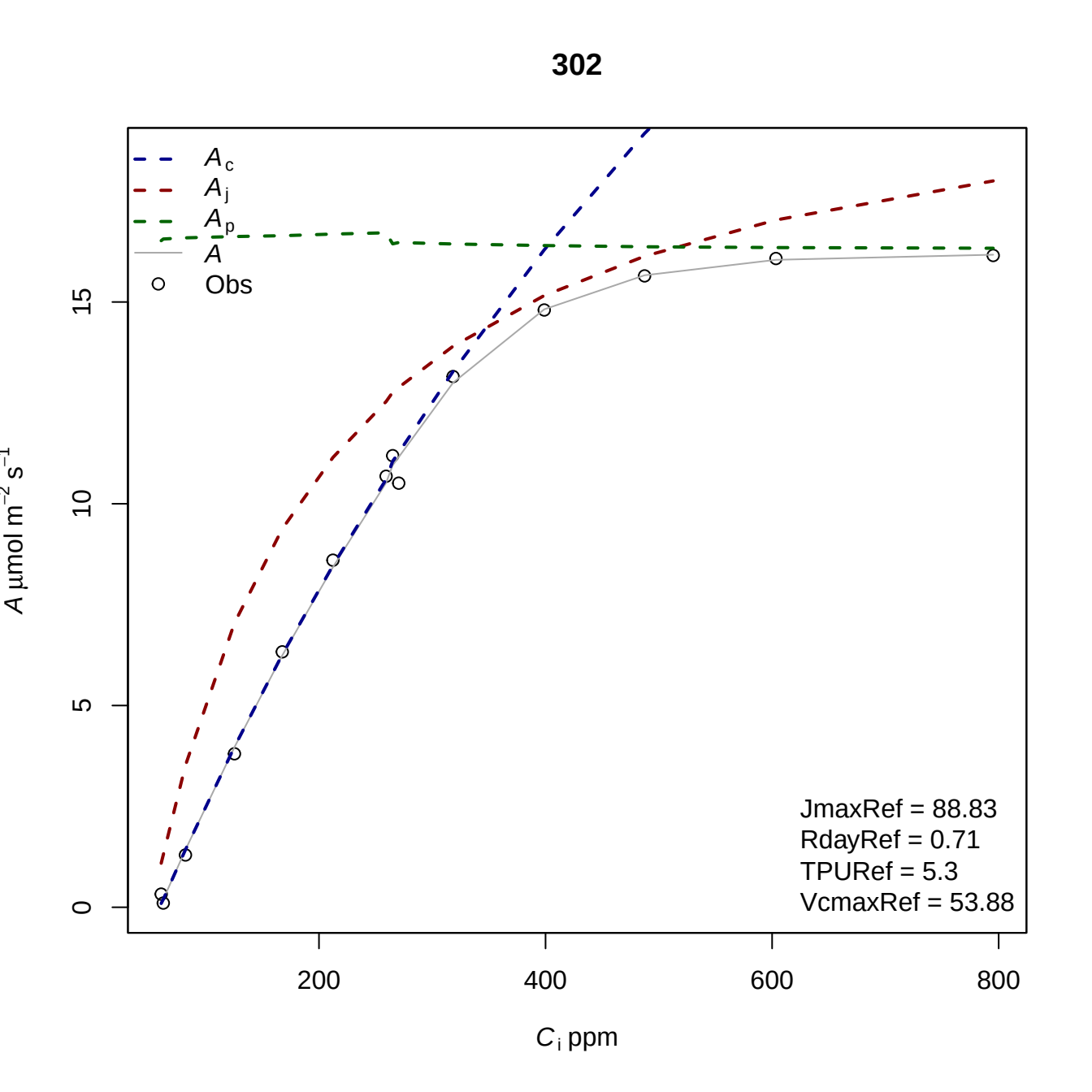

297
A_c
A_j
A_p
A
Obs
JmaxRef = 94.54
RdayRef = 0.85
TPURef = 5.74
VcmaxRef = 53.63
A µmol m^{-2} s^{-1}
0
5
10
15
20
0
500
1000
1500
C_i ppm

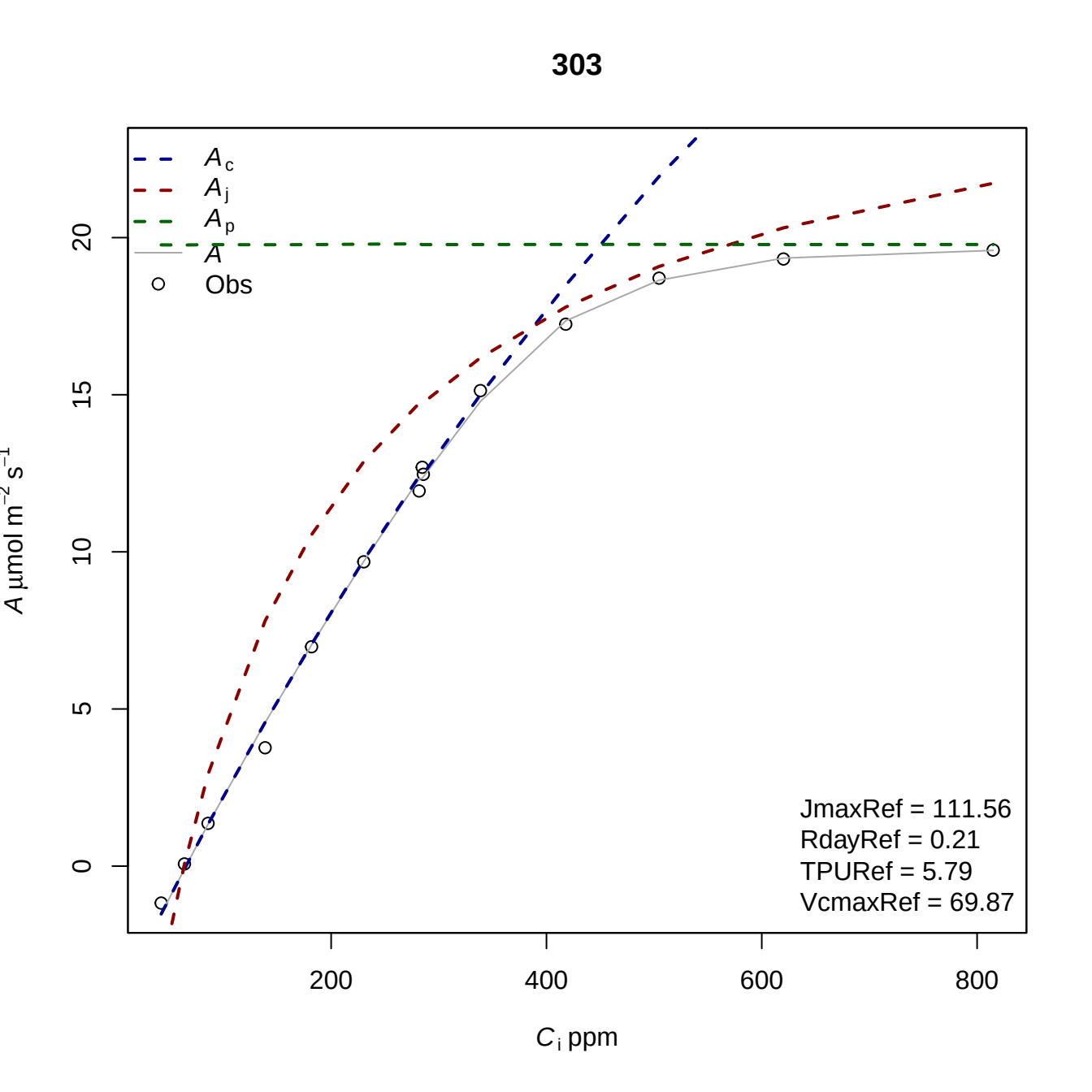

298
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.51
TPURef = 5.92
VcmaxRef = 61.69
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800

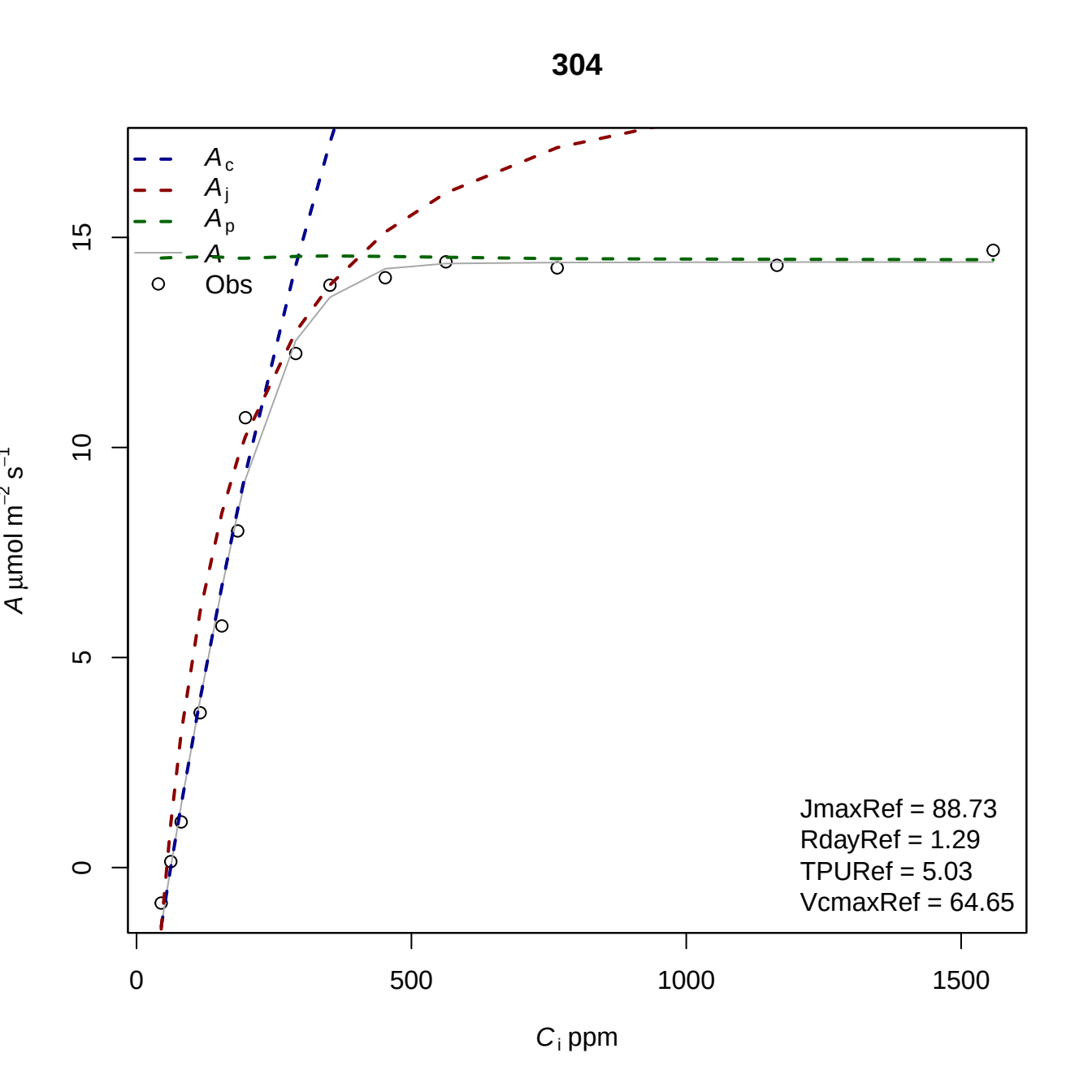

299
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.93
TPURef = 4.75
VcmaxRef = 55.58
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

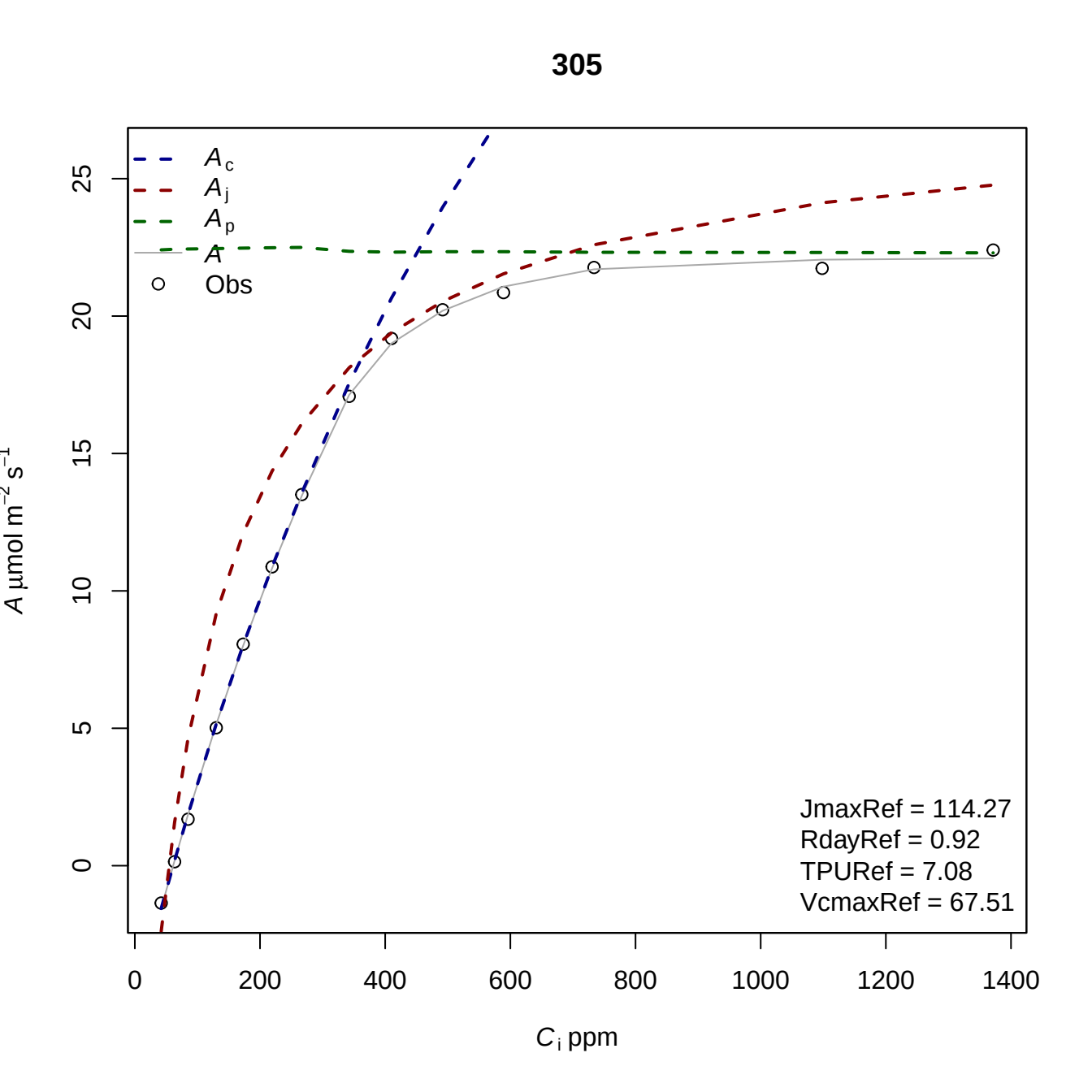

300
A_c
A_j
A_p
A
Obs
JmaxRef = 123.6
RdayRef = 0.31
TPURef = 6.8
VcmaxRef = 73.77
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

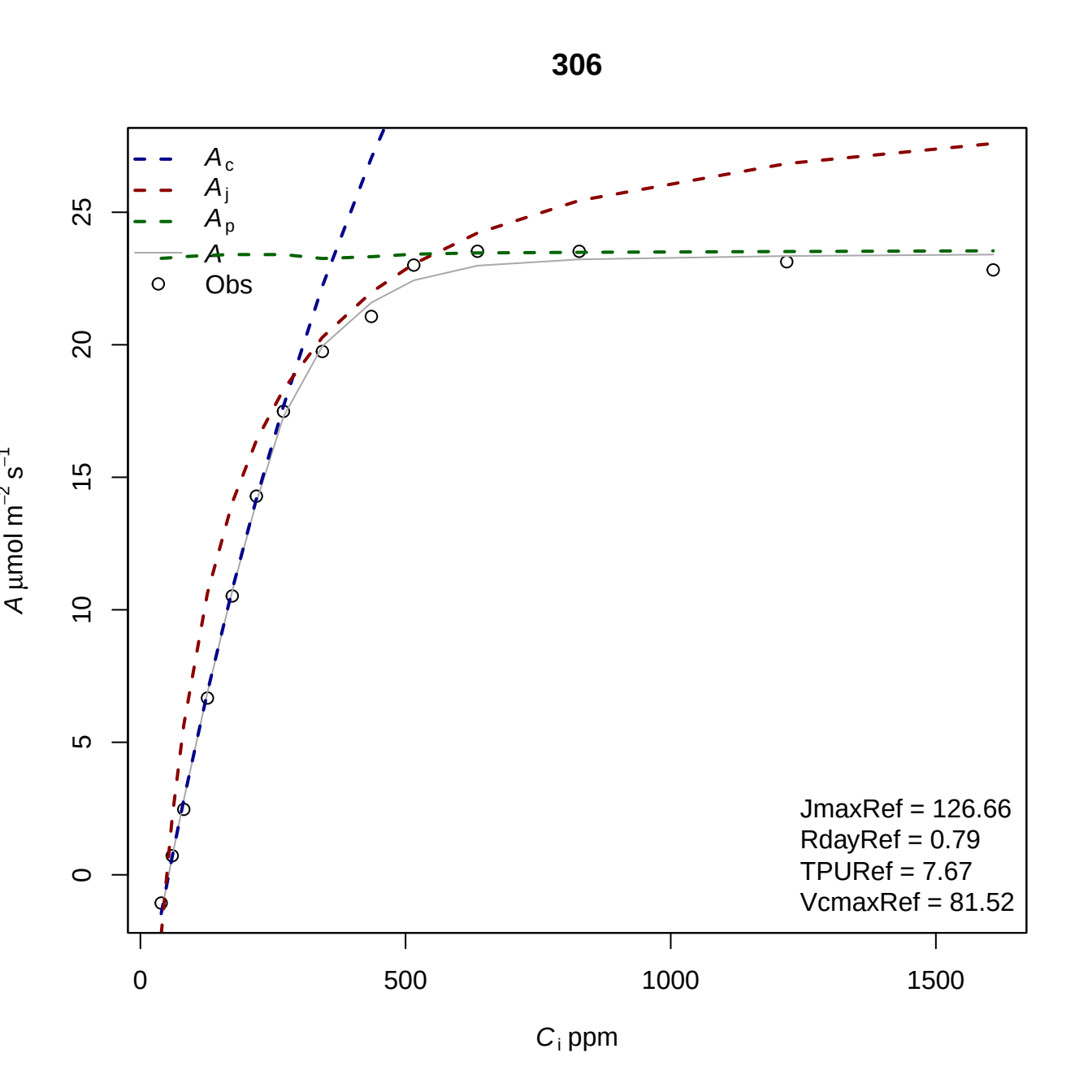

301
A_c
A_j
A_p
A
Obs
JmaxRef = 93.35
RdayRef = 1.19
TPURef = 5.2
VcmaxRef = 66.48
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

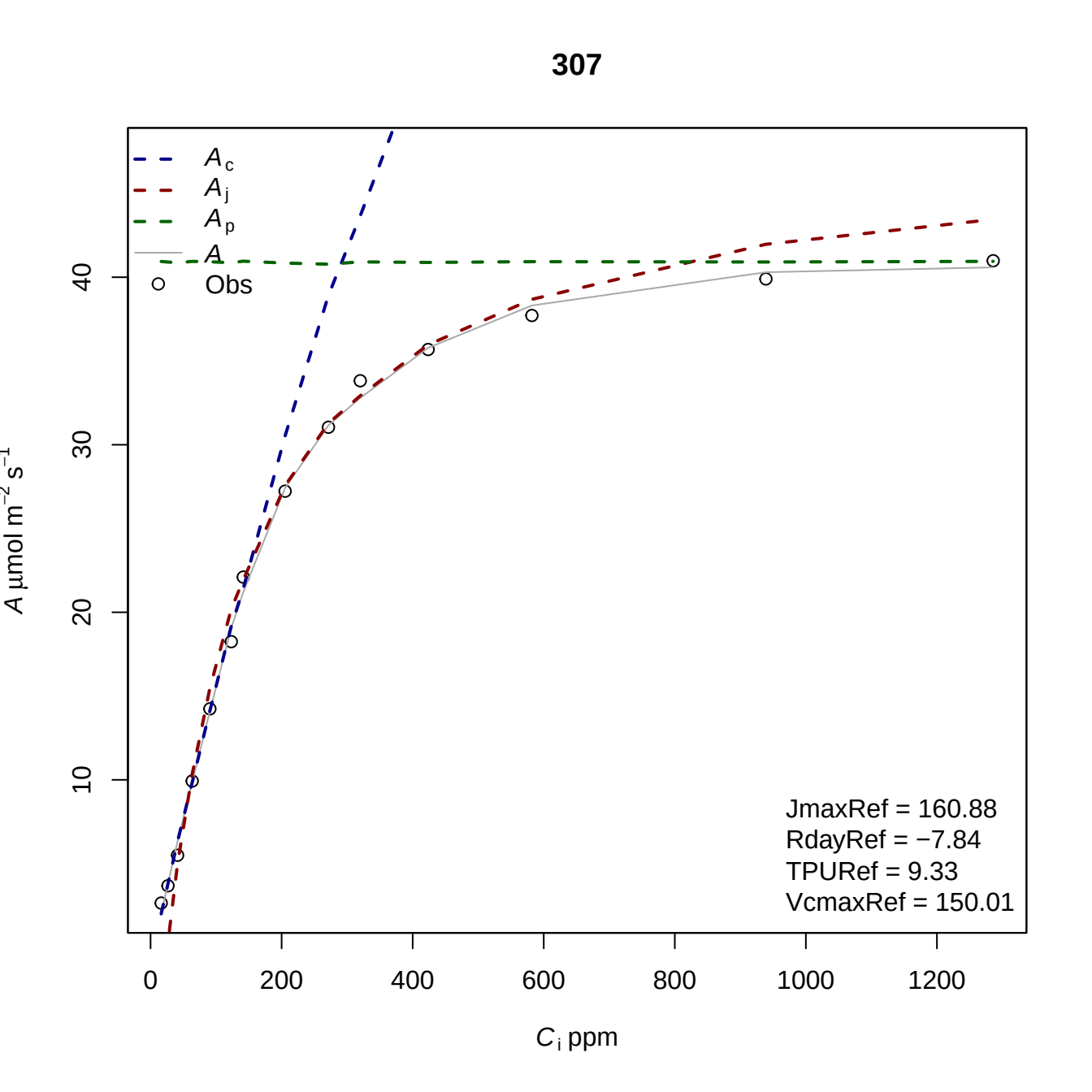

302
A_c
A_j
A_p
A
Obs
JmaxRef = 88.83
RdayRef = 0.71
TPURef = 5.3
VcmaxRef = 53.88
A µmol m^{-2} s^{-1}
0
5
10
15
200
400
600
800
C_i ppm

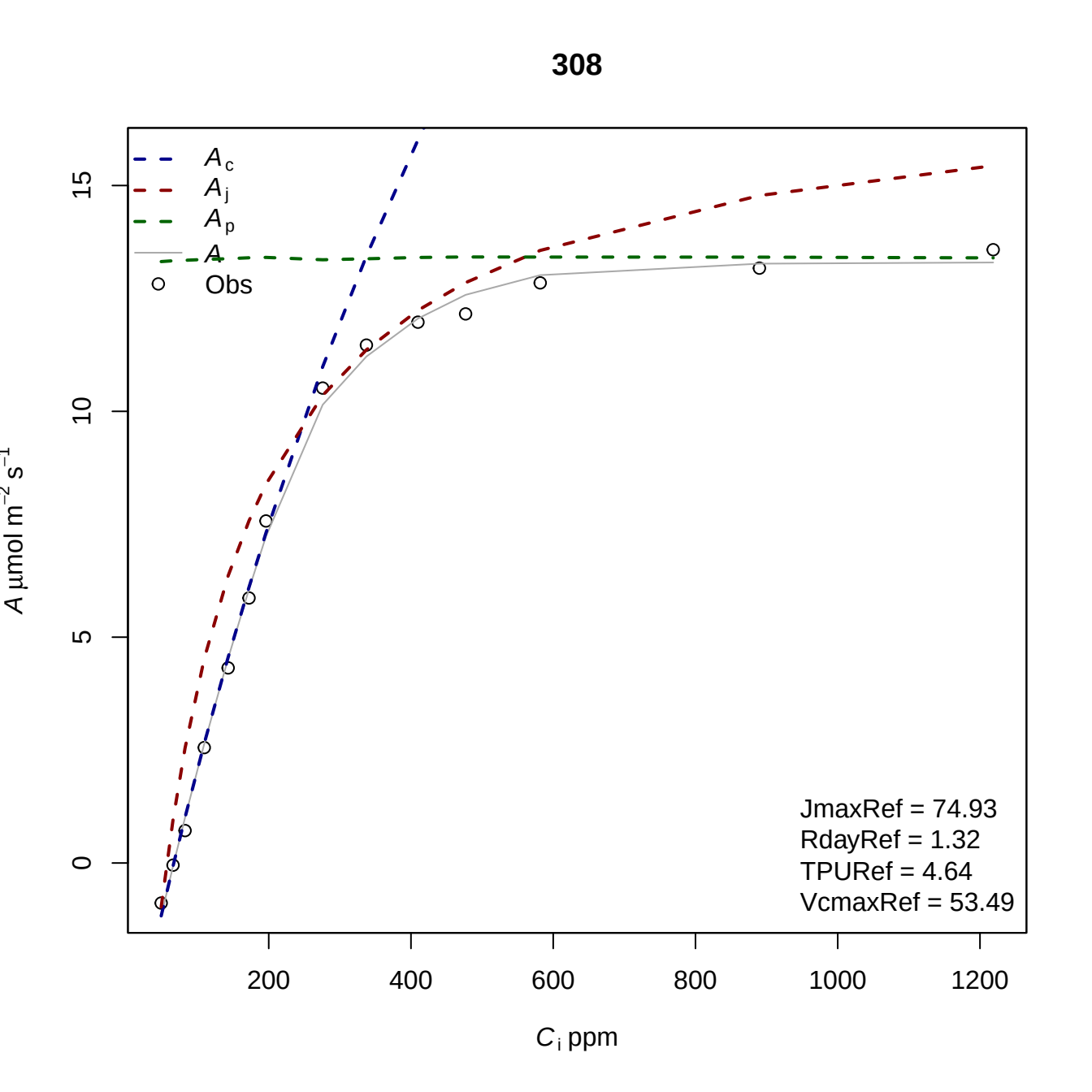

303
A_c
A_j
A_p
A
Obs
JmaxRef = 111.56
RdayRef = 0.21
TPURef = 5.79
VcmaxRef = 69.87
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800

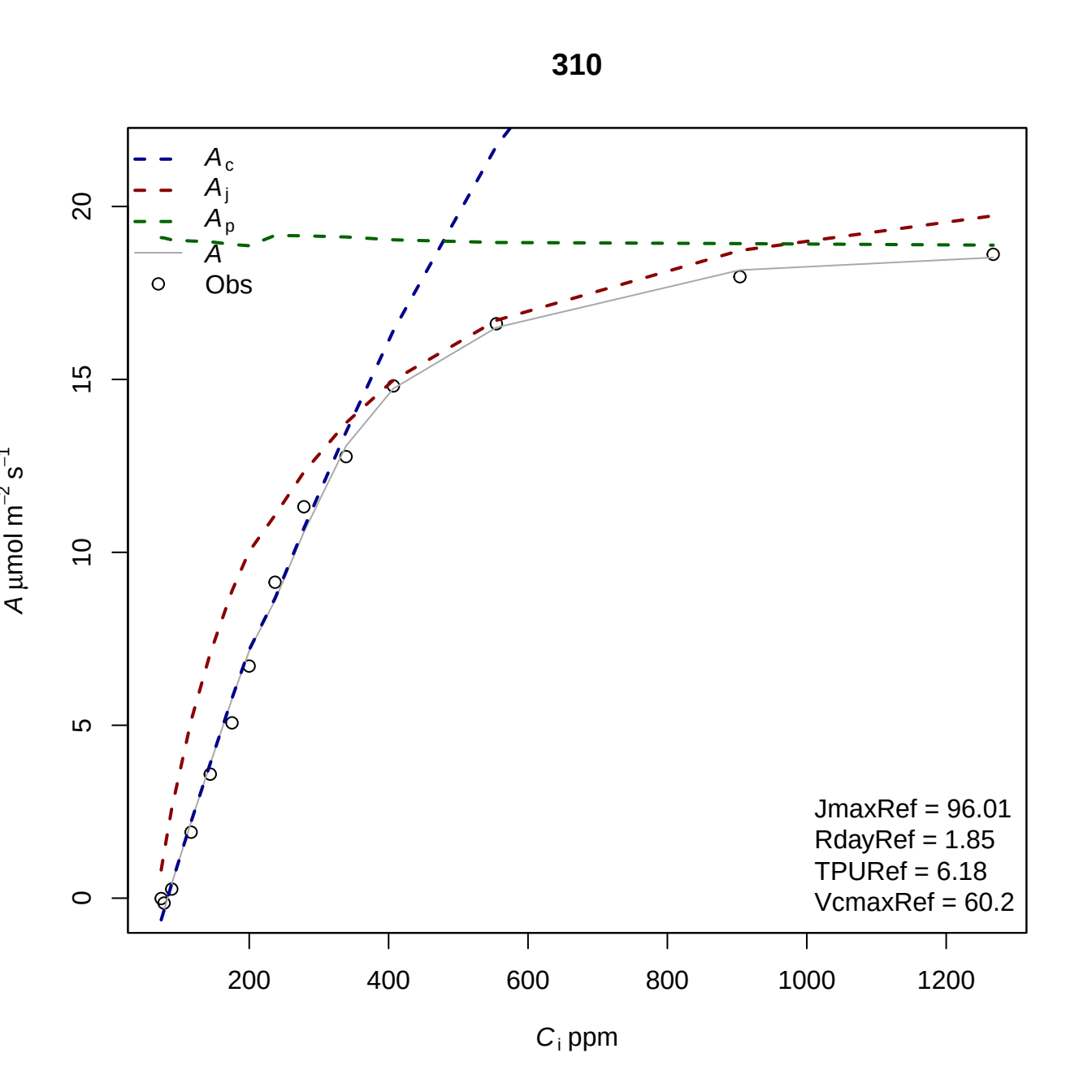

304
A_c
A_j
A_p
A
Obs
JmaxRef = 88.73
RdayRef = 1.29
TPURef = 5.03
VcmaxRef = 64.65
A µmol m^{-2} s^{-1}
0
5
10
15
0
500
1000
1500
C_i ppm

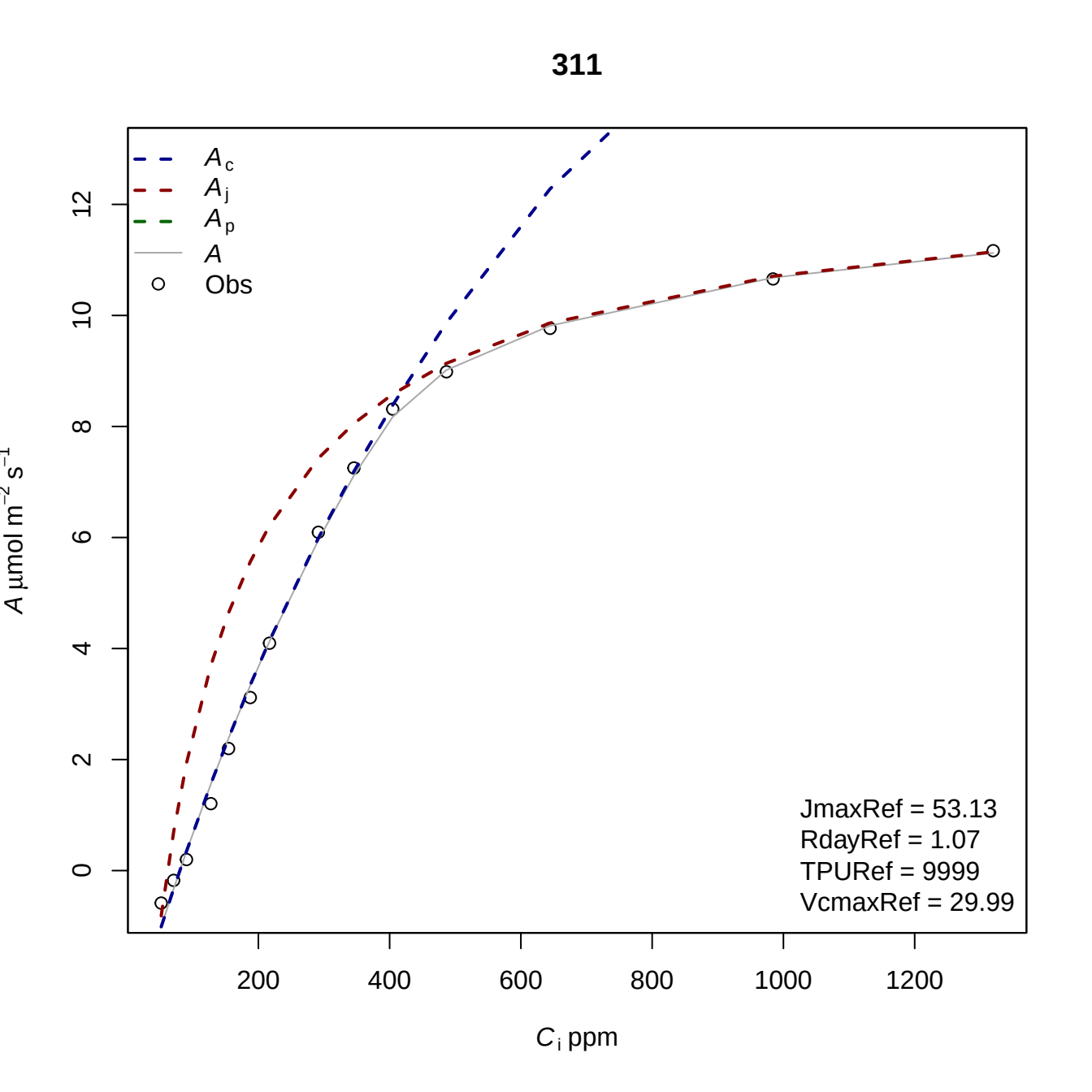

305
A_c
A_j
A_p
A
Obs
JmaxRef = 114.27
RdayRef = 0.92
TPURef = 7.08
VcmaxRef = 67.51
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

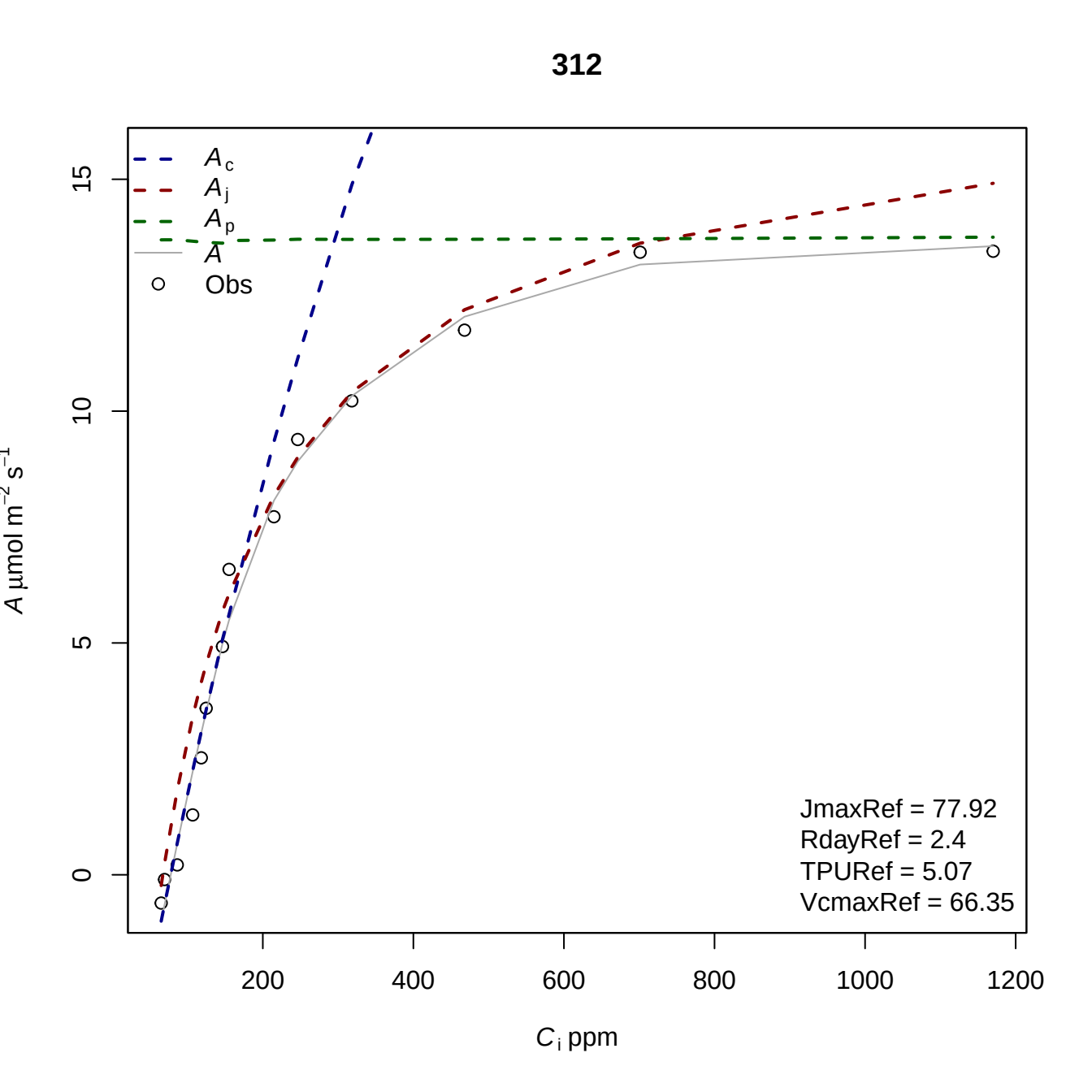

306
A_c
A_j
A_p
A
Obs
JmaxRef = 126.66
RdayRef = 0.79
TPURef = 7.67
VcmaxRef = 81.52
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

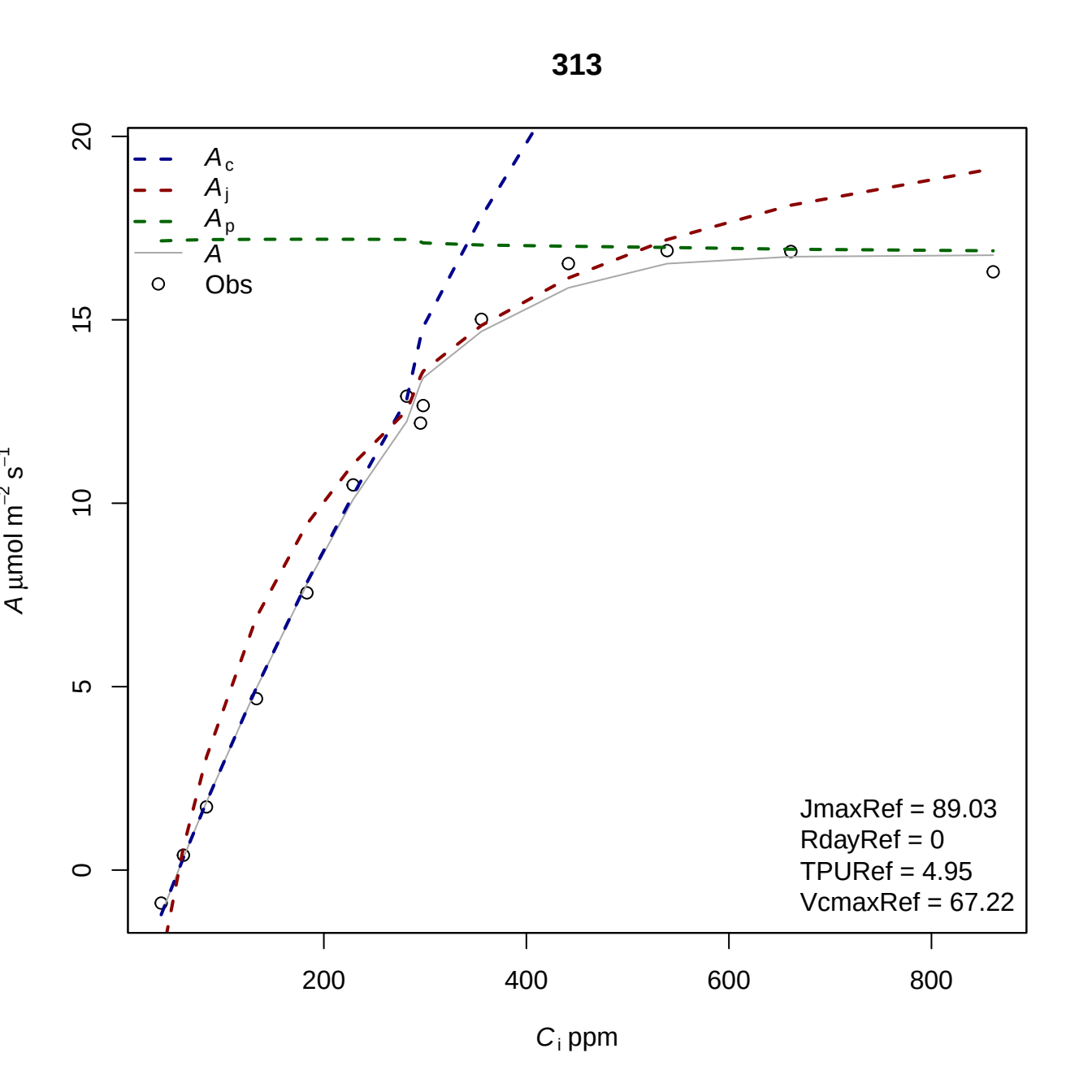

307
A_c
A_j
A_p
A
Obs
JmaxRef = 160.88
RdayRef = −7.84
TPURef = 9.33
VcmaxRef = 150.01
A µmol m^{-2} s^{-1}
10
20
30
40
0
200
400
600
800
1000
1200
C_i ppm

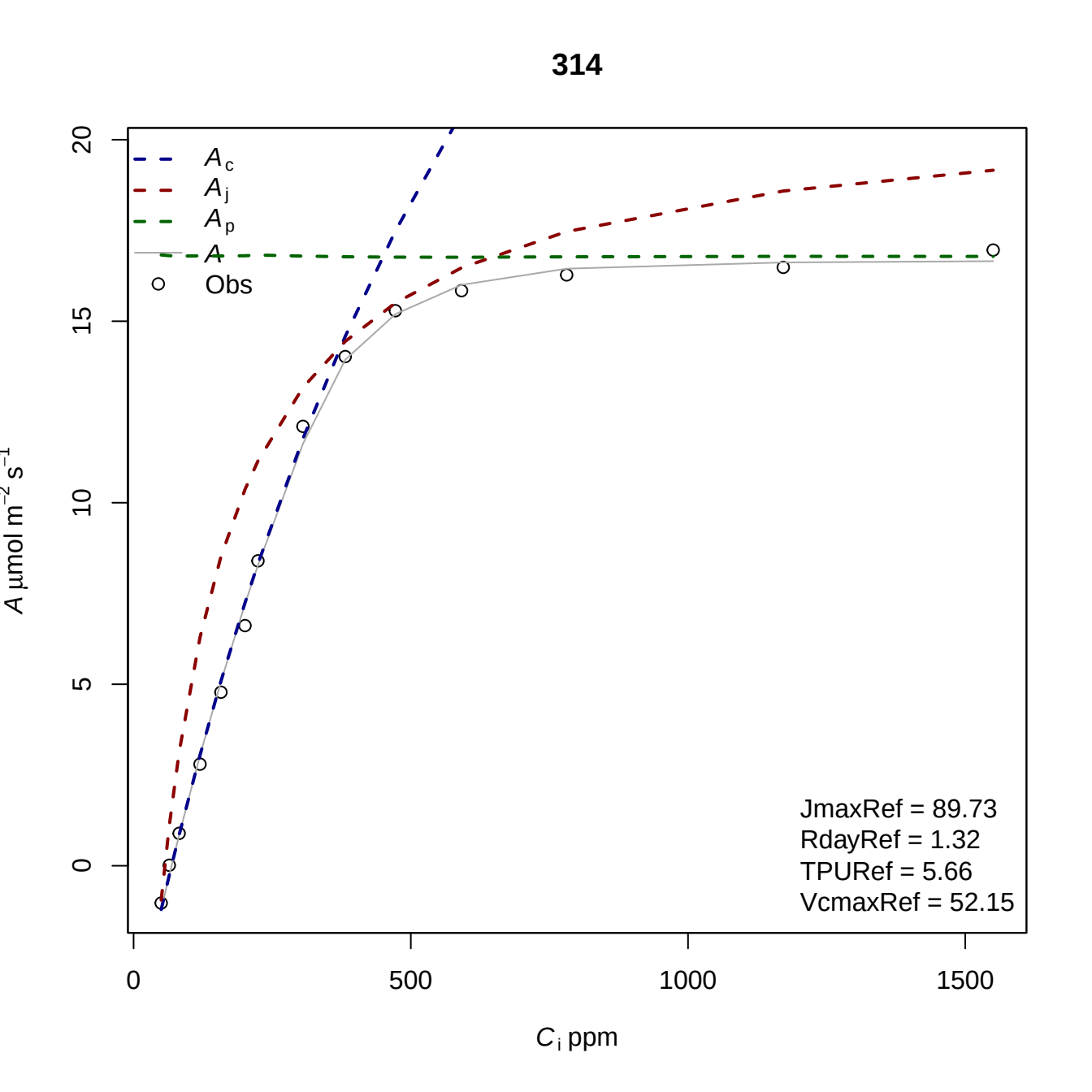

308
A_c
A_j
A_p
A
Obs
JmaxRef = 74.93
RdayRef = 1.32
TPURef = 4.64
VcmaxRef = 53.49
0
5
10
15
200
400
600
800
1000
1200
A µmol m^{-2} s^{-1}
C_i ppm

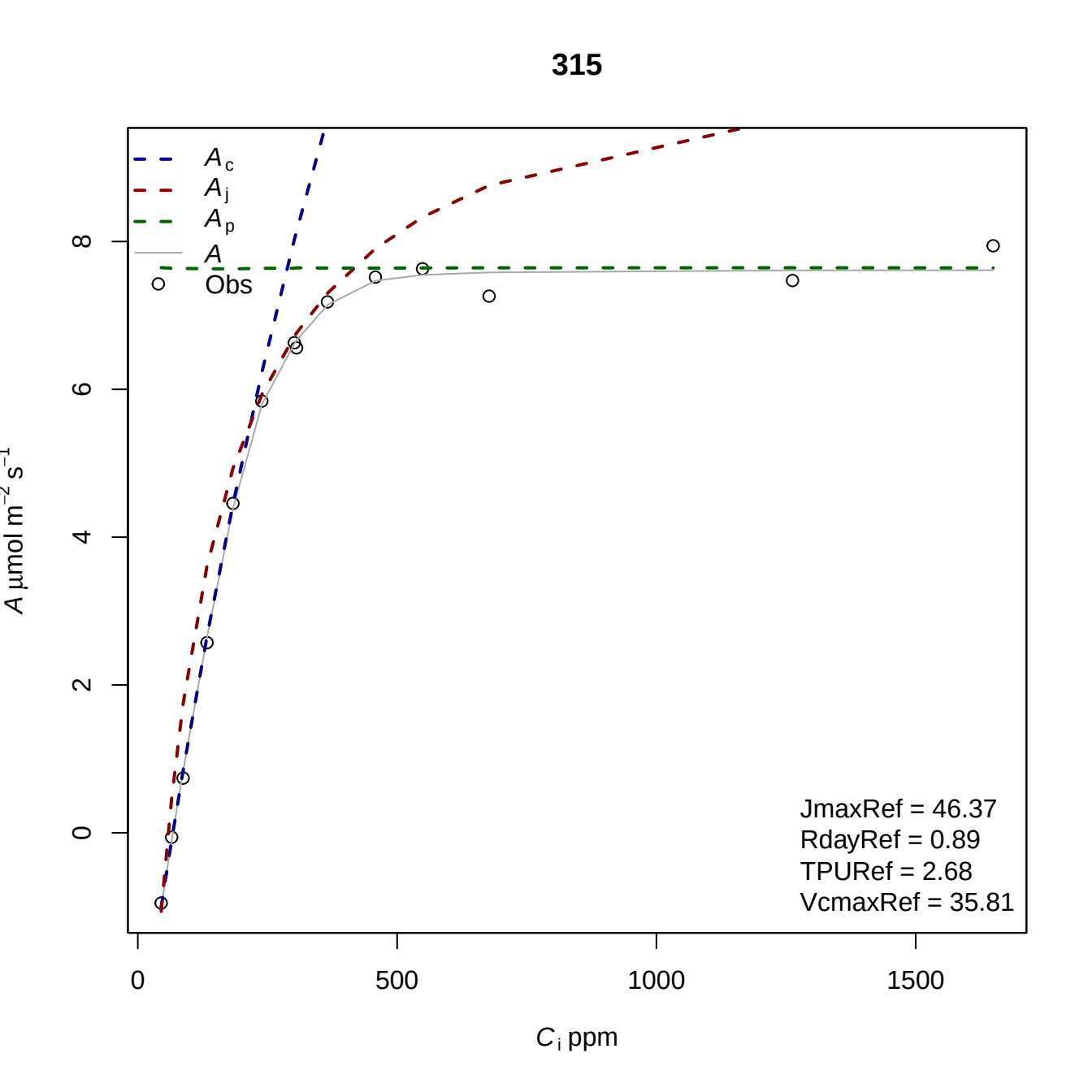

310
A_c
A_j
A_p
A
Obs
JmaxRef = 96.01
RdayRef = 1.85
TPURef = 6.18
VcmaxRef = 60.2
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

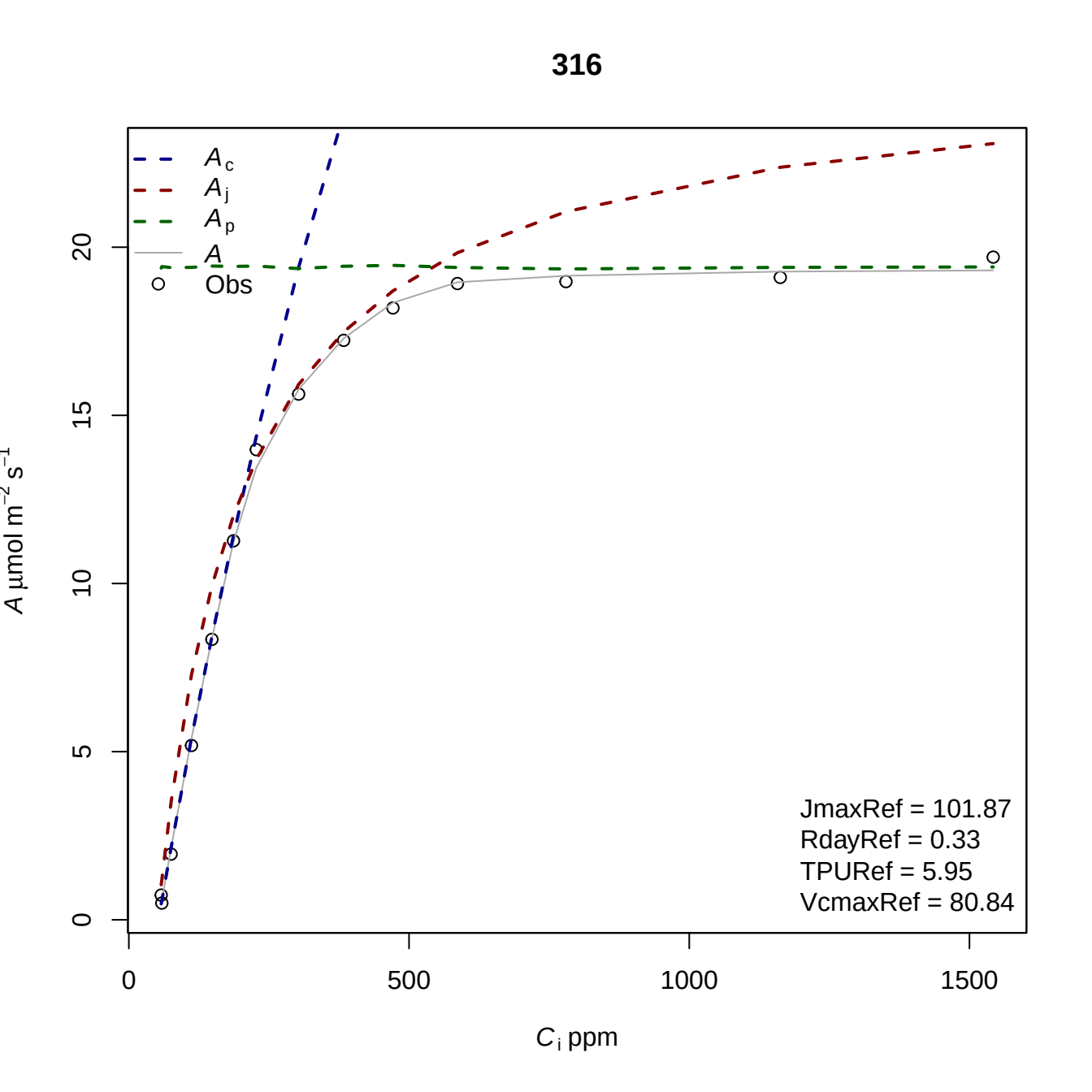

311
A_c
A_j
A_p
A
Obs
JmaxRef = 53.13
RdayRef = 1.07
TPURef = 9999
VcmaxRef = 29.99
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000
1200

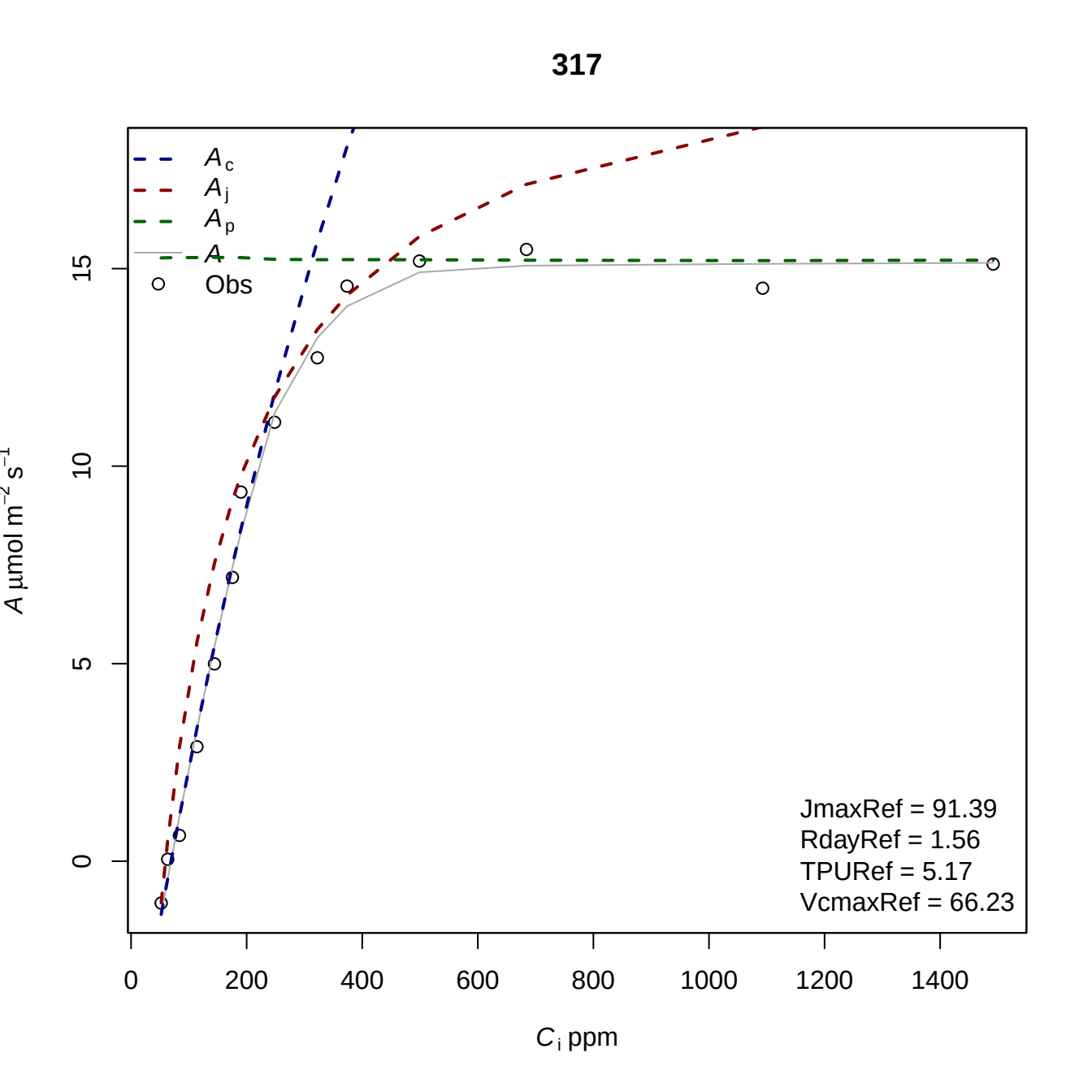

312
A_c
A_j
A_p
A
Obs
JmaxRef = 77.92
RdayRef = 2.4
TPURef = 5.07
VcmaxRef = 66.35
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

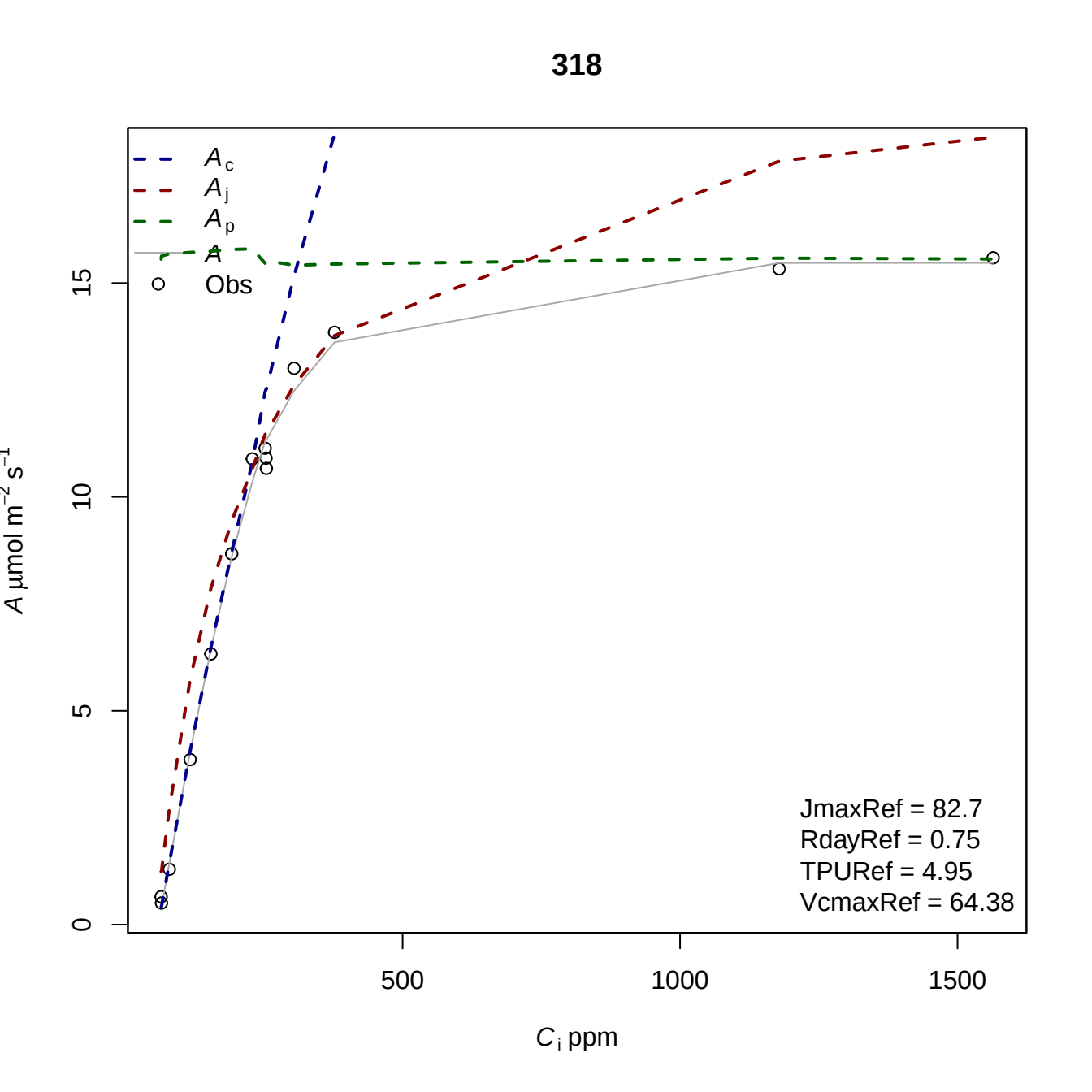

313
A_c
A_j
A_p
A
Obs
JmaxRef = 89.03
RdayRef = 0
TPURef = 4.95
VcmaxRef = 67.22
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800

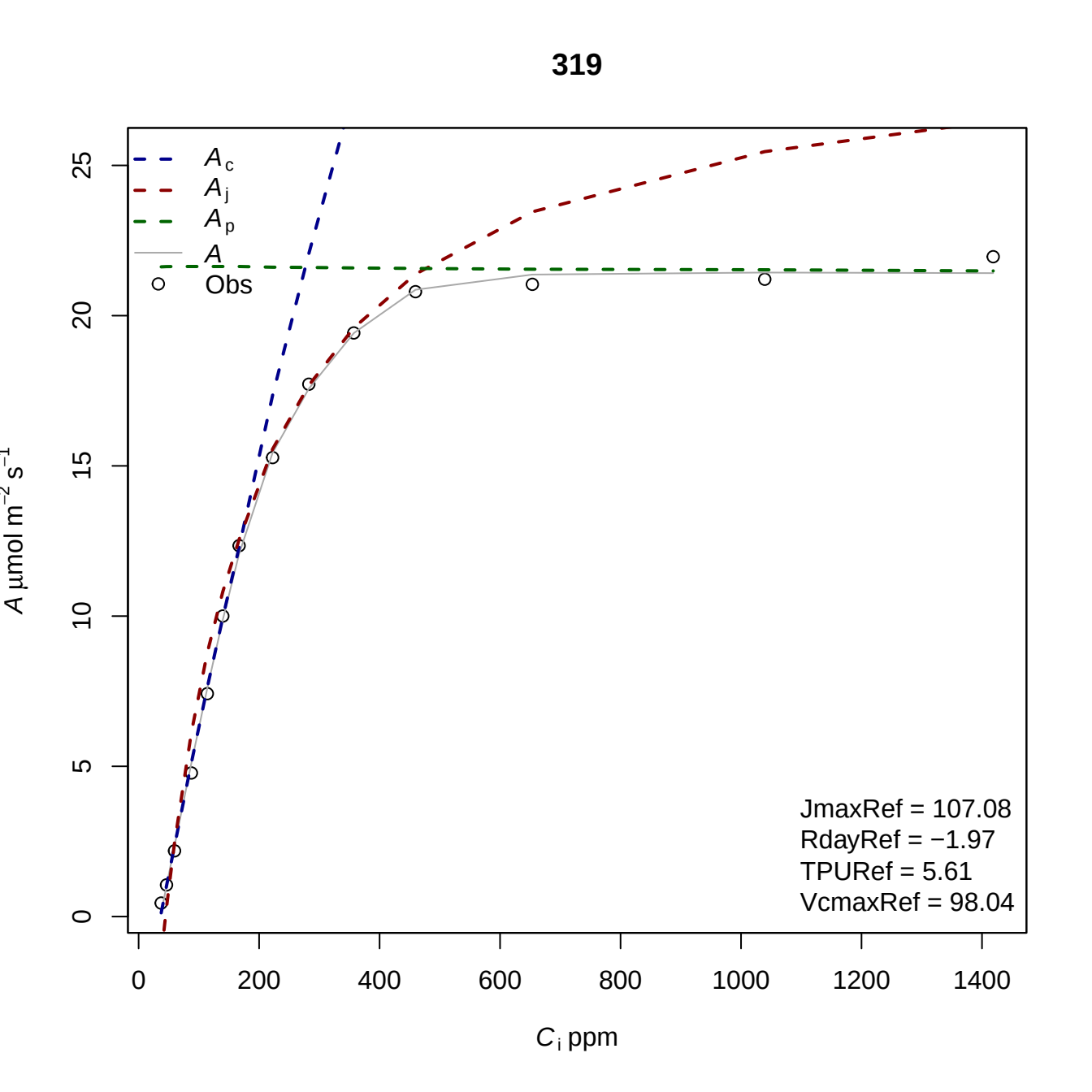

314
A_c
A_j
A_p
A
Obs
JmaxRef = 89.73
RdayRef = 1.32
TPURef = 5.66
VcmaxRef = 52.15
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

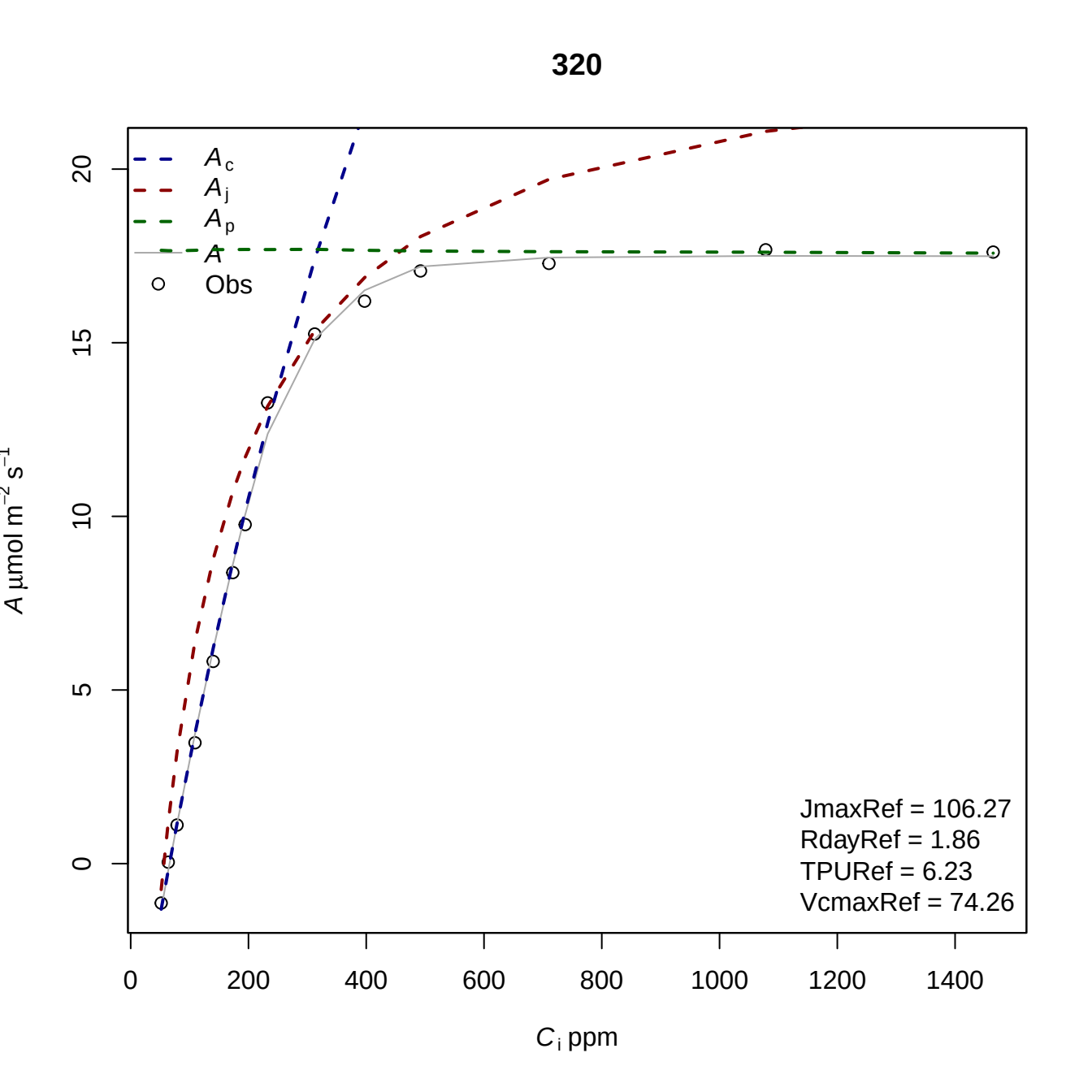

315
A_c
A_j
A_p
A
Obs
JmaxRef = 46.37
RdayRef = 0.89
TPURef = 2.68
VcmaxRef = 35.81
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
0
500
1000
1500

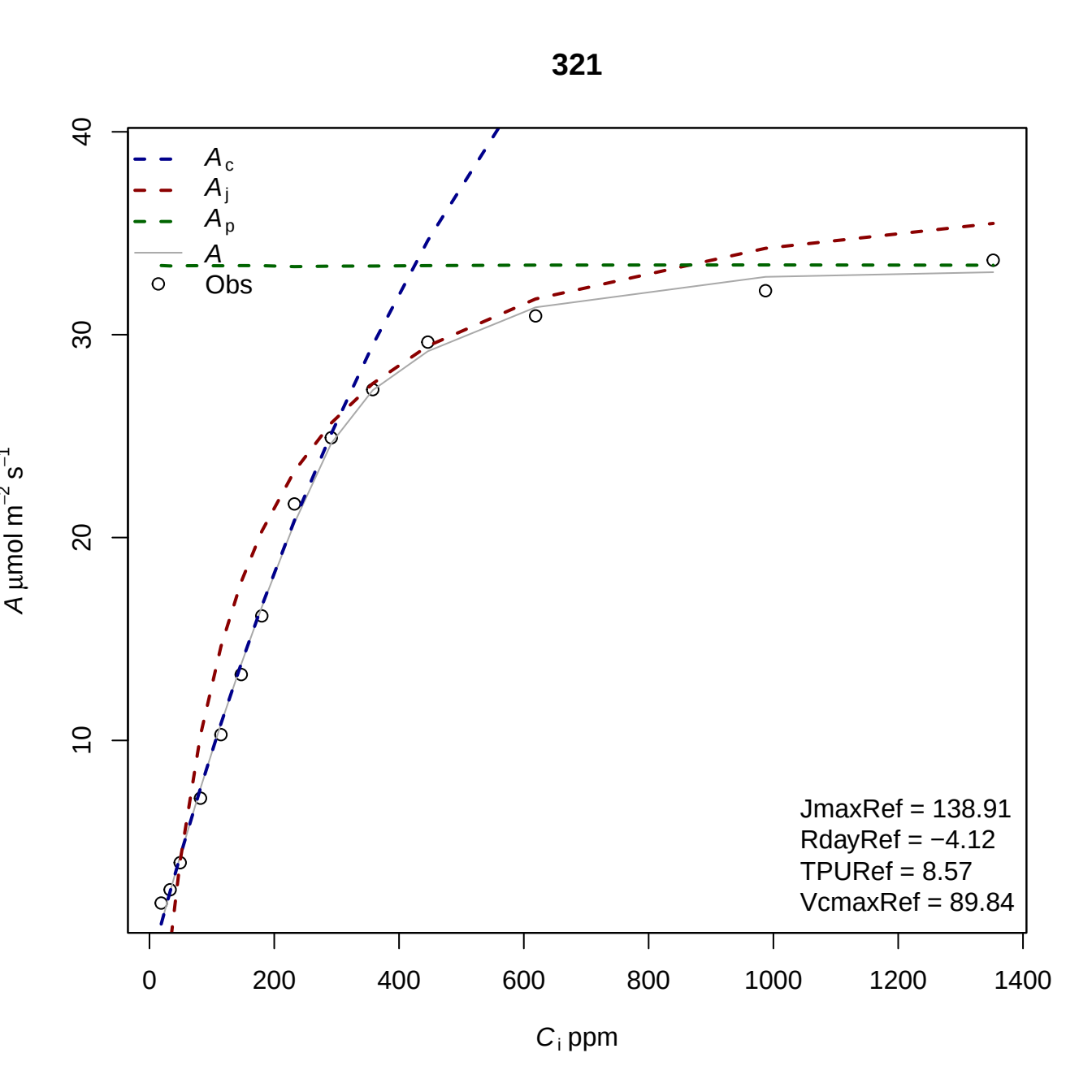

316
A_c
A_j
A_p
A
Obs
JmaxRef = 101.87
RdayRef = 0.33
TPURef = 5.95
VcmaxRef = 80.84
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

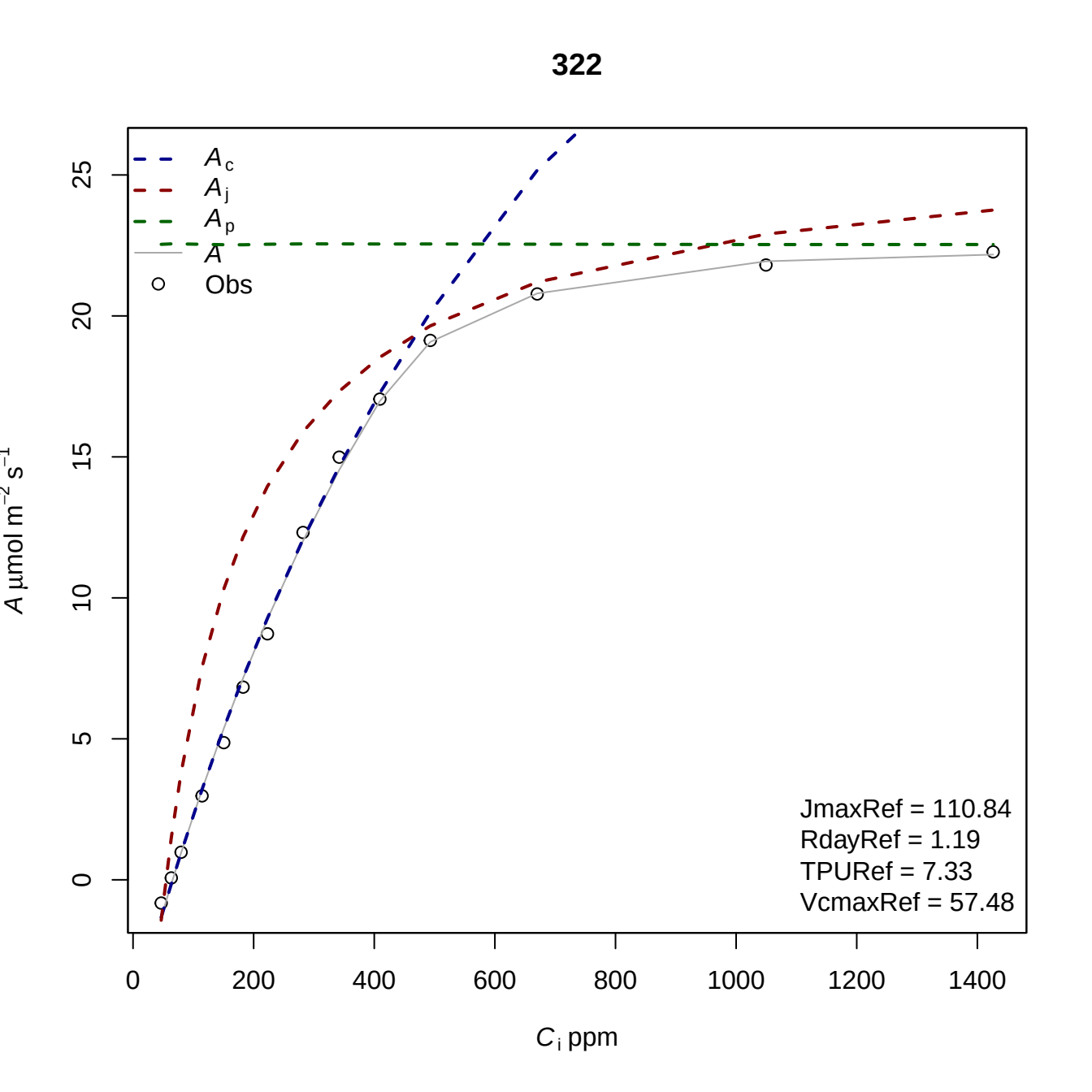

317
A_c
A_j
A_p
A
Obs
JmaxRef = 91.39
RdayRef = 1.56
TPURef = 5.17
VcmaxRef = 66.23
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

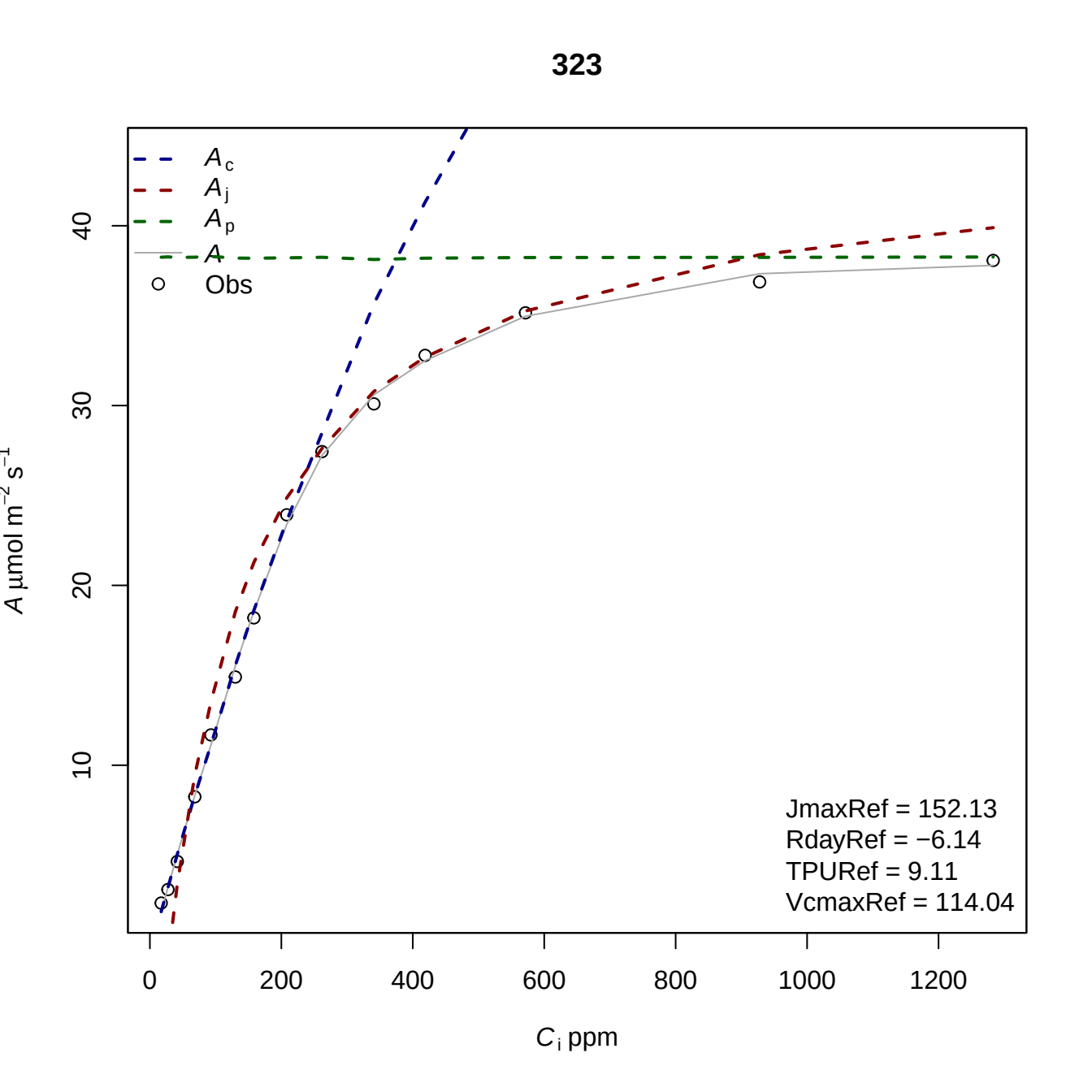

318
A_c
A_j
A_p
A
Obs
JmaxRef = 82.7
RdayRef = 0.75
TPURef = 4.95
VcmaxRef = 64.38
0
5
10
15
500
1000
1500
A µmol m^{-2} s^{-1}
C_i ppm

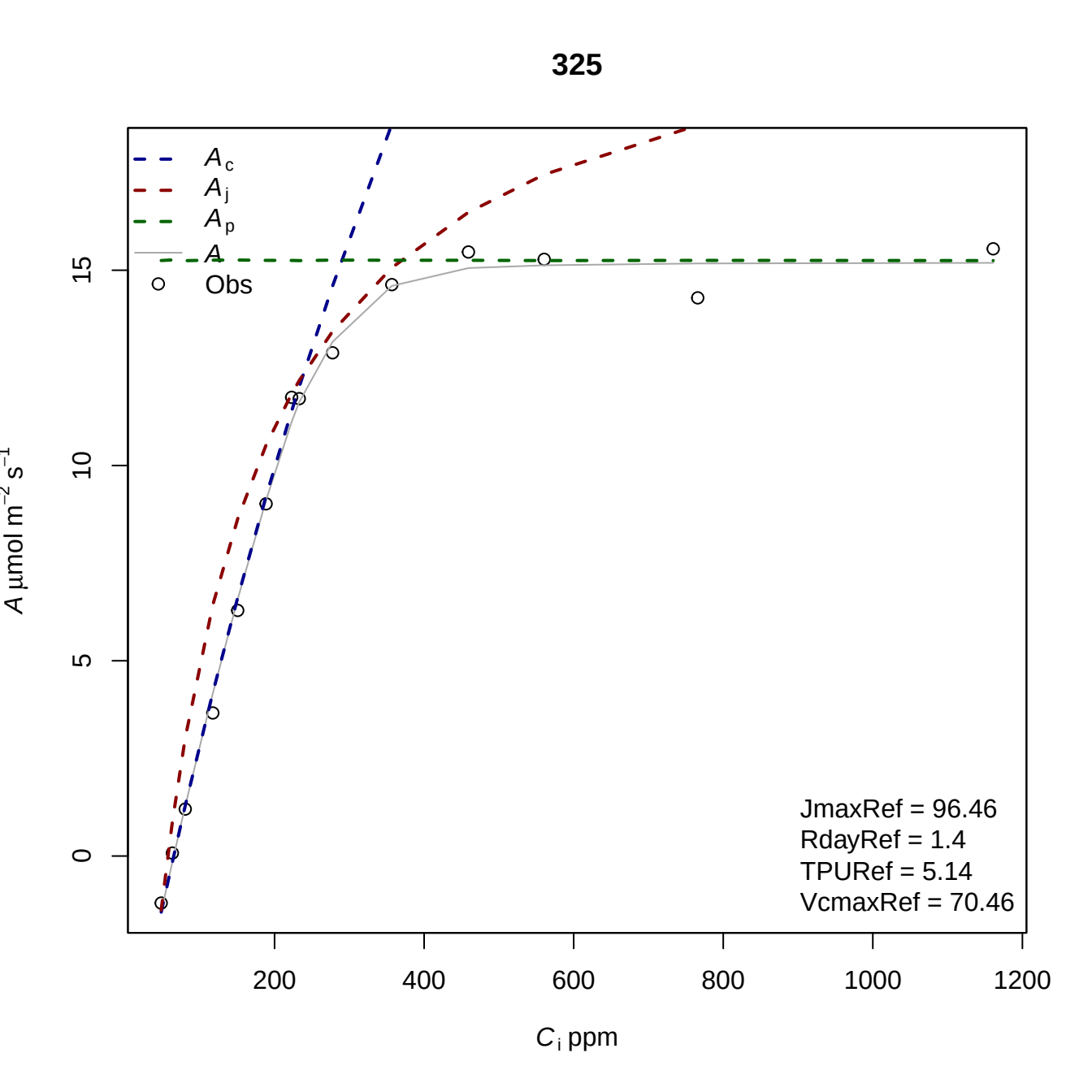

319
A_c
A_j
A_p
A
Obs
JmaxRef = 107.08
RdayRef = −1.97
TPURef = 5.61
VcmaxRef = 98.04
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

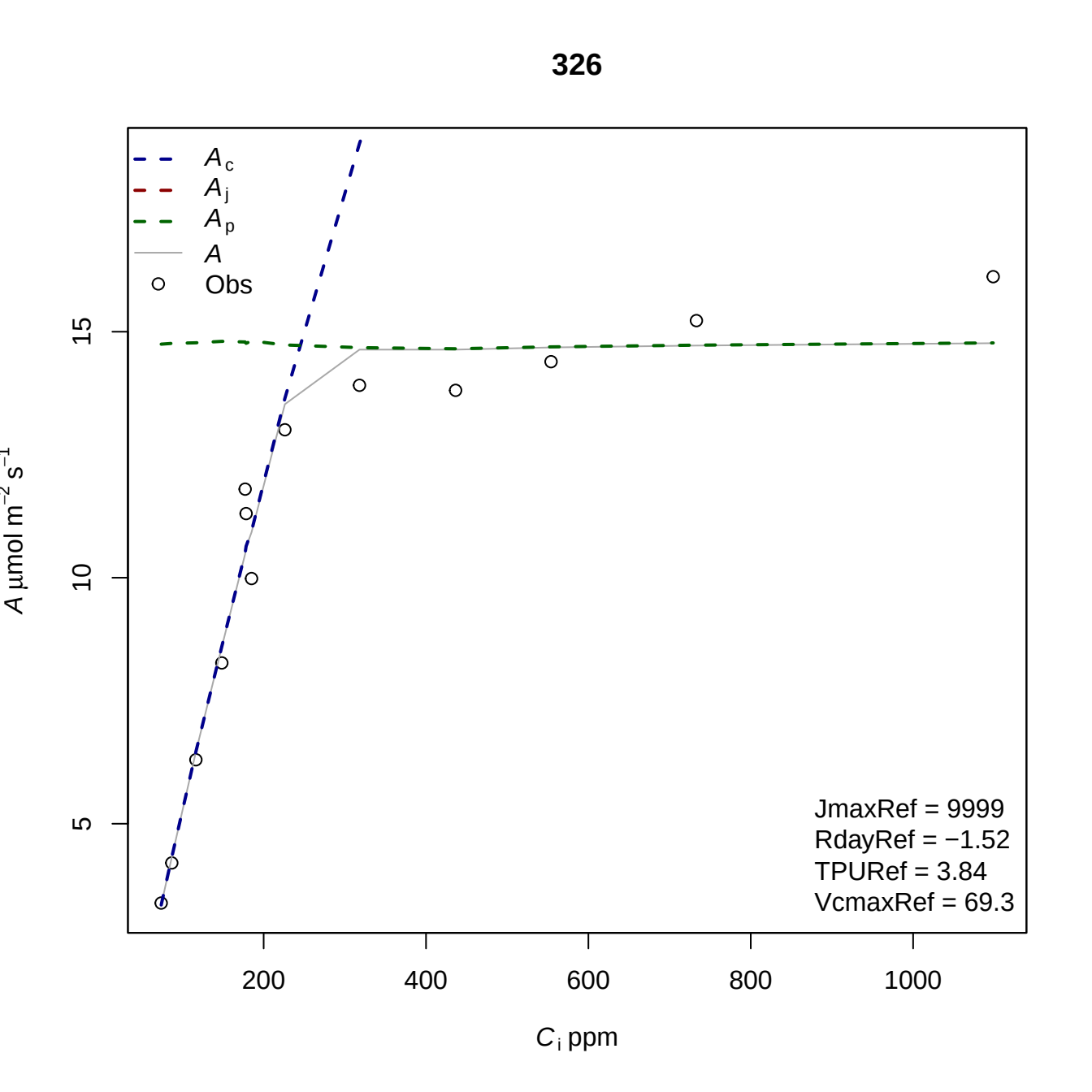

320
A_c
A_j
A_p
A
Obs
JmaxRef = 106.27
RdayRef = 1.86
TPURef = 6.23
VcmaxRef = 74.26
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

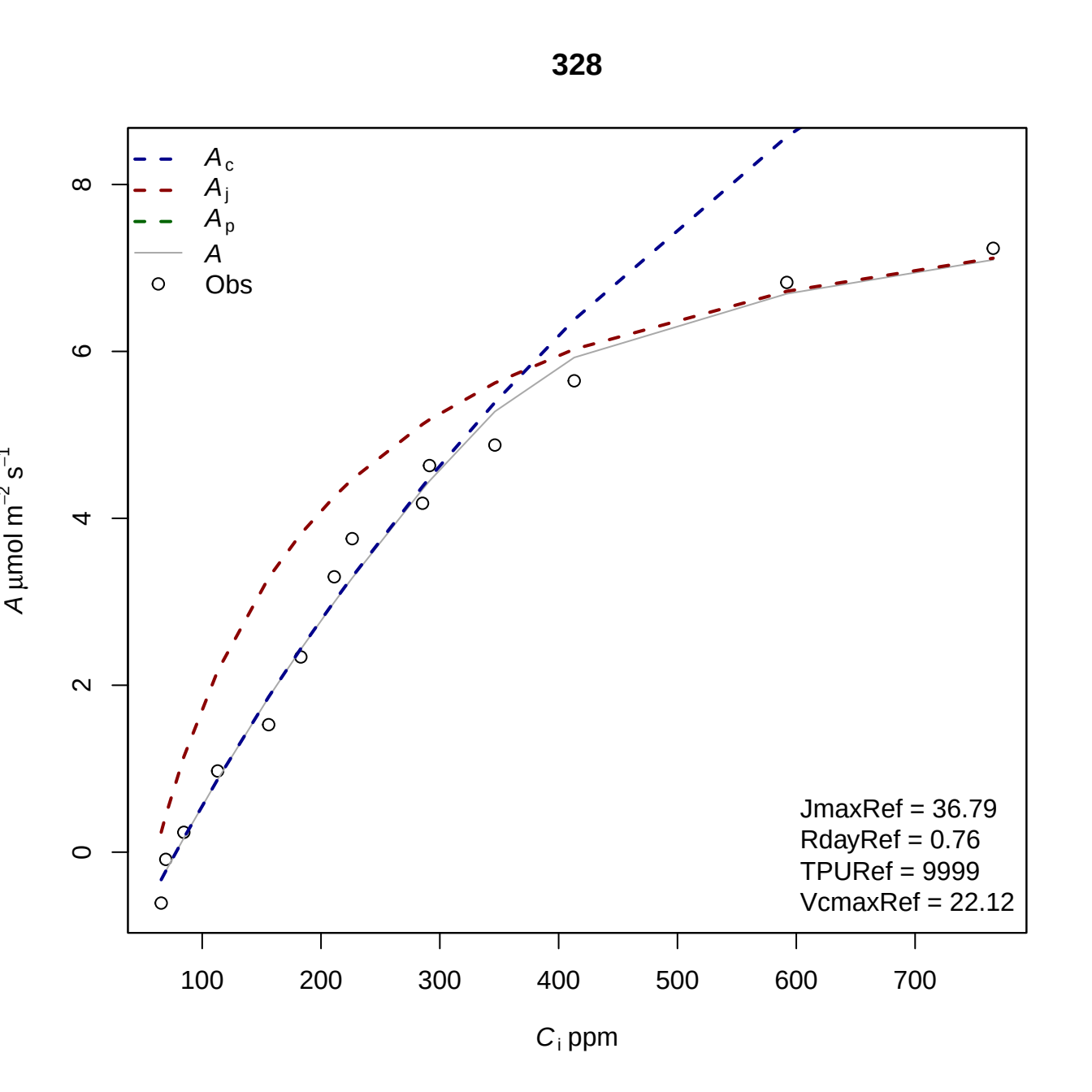

321
A_c
A_j
A_p
A
Obs
JmaxRef = 138.91
RdayRef = −4.12
TPURef = 8.57
VcmaxRef = 89.84
A µmol m^{-2} s^{-1}
C_i ppm
0
200
400
600
800
1000
1200
1400
10
20
30
40

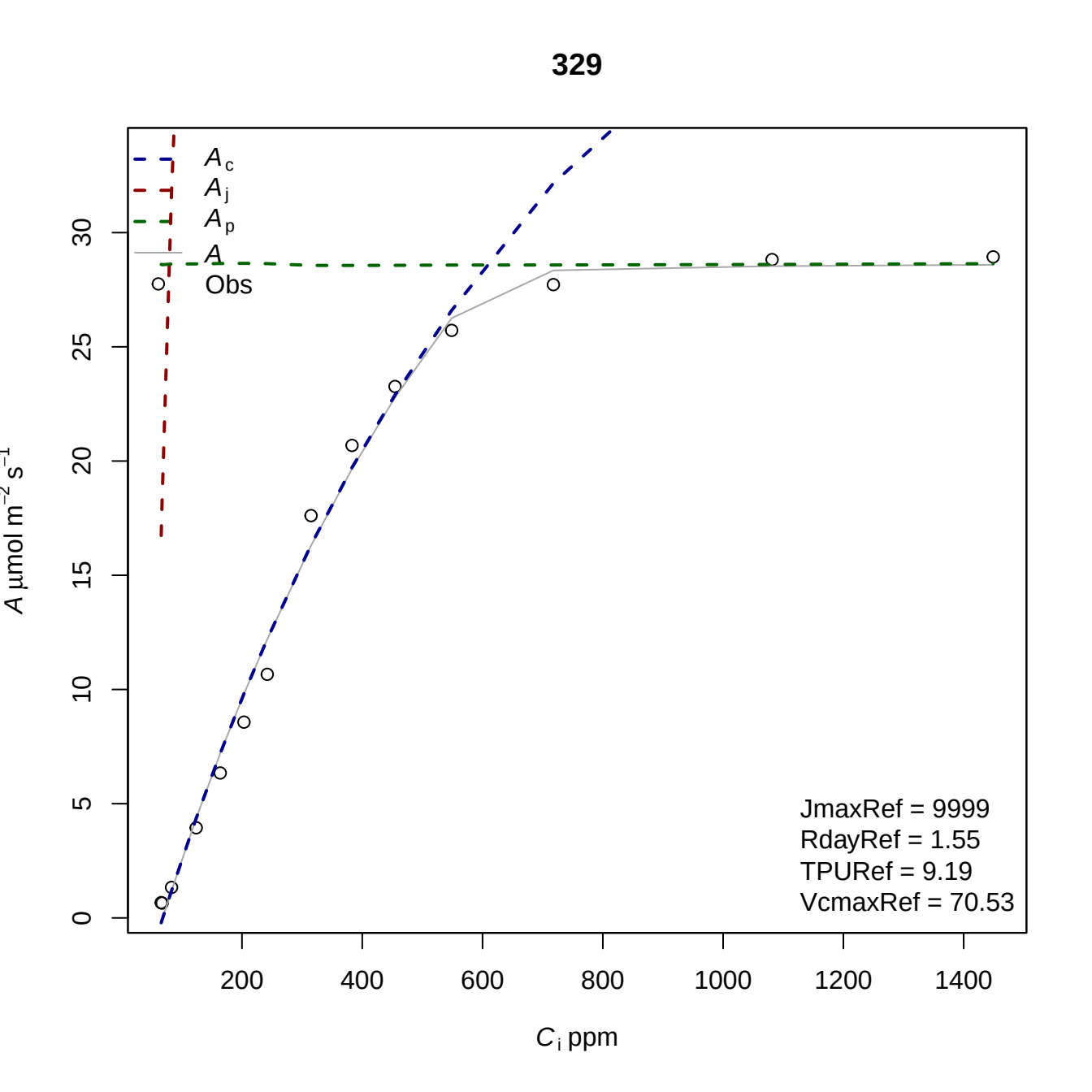

322
A_c
A_j
A_p
A
Obs
JmaxRef = 110.84
RdayRef = 1.19
TPURef = 7.33
VcmaxRef = 57.48
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

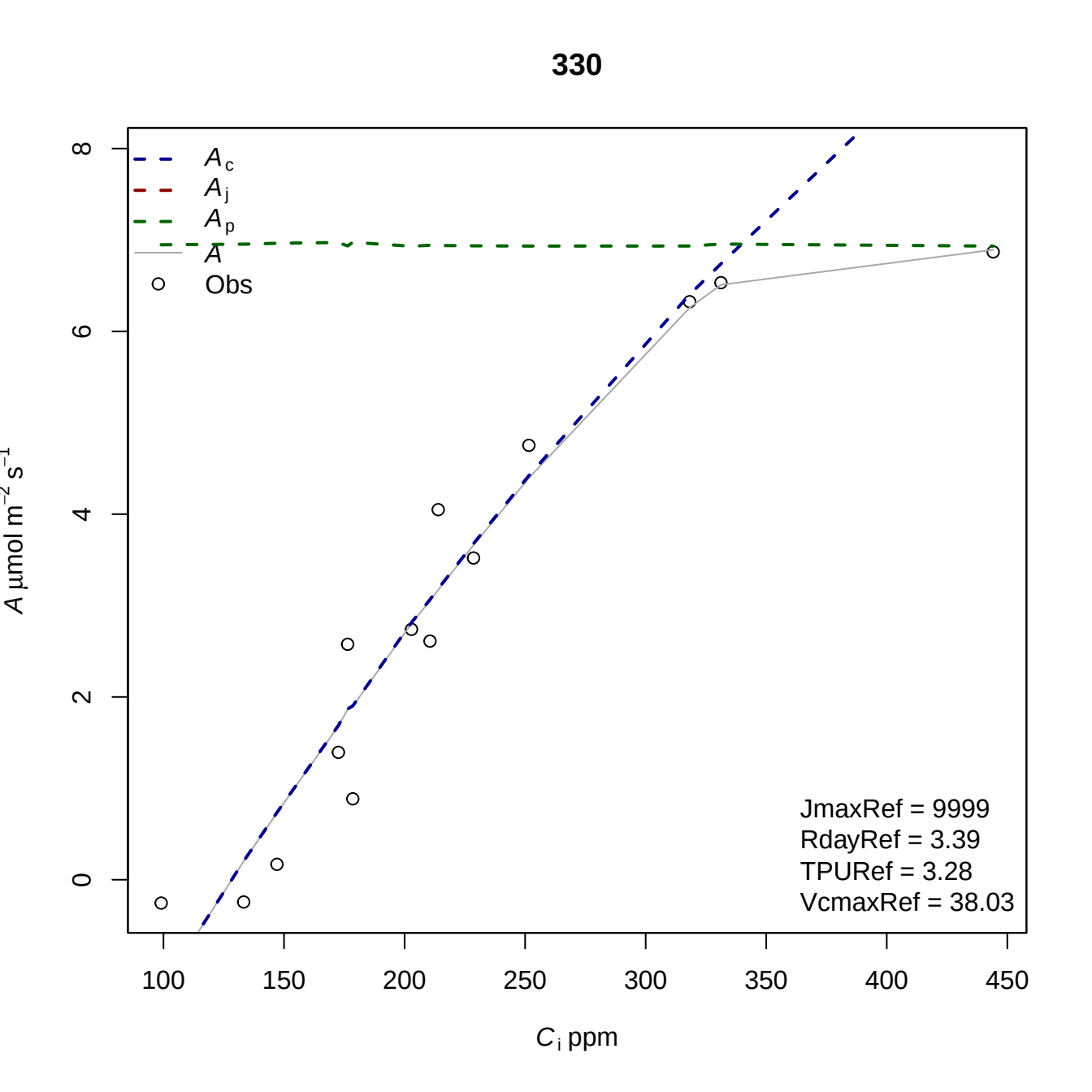

323
A_c
A_j
A_p
A
Obs
JmaxRef = 152.13
RdayRef = −6.14
TPURef = 9.11
VcmaxRef = 114.04
A µmol m^{-2} s^{-1}
10
20
30
40
0
200
400
600
800
1000
1200
C_i ppm

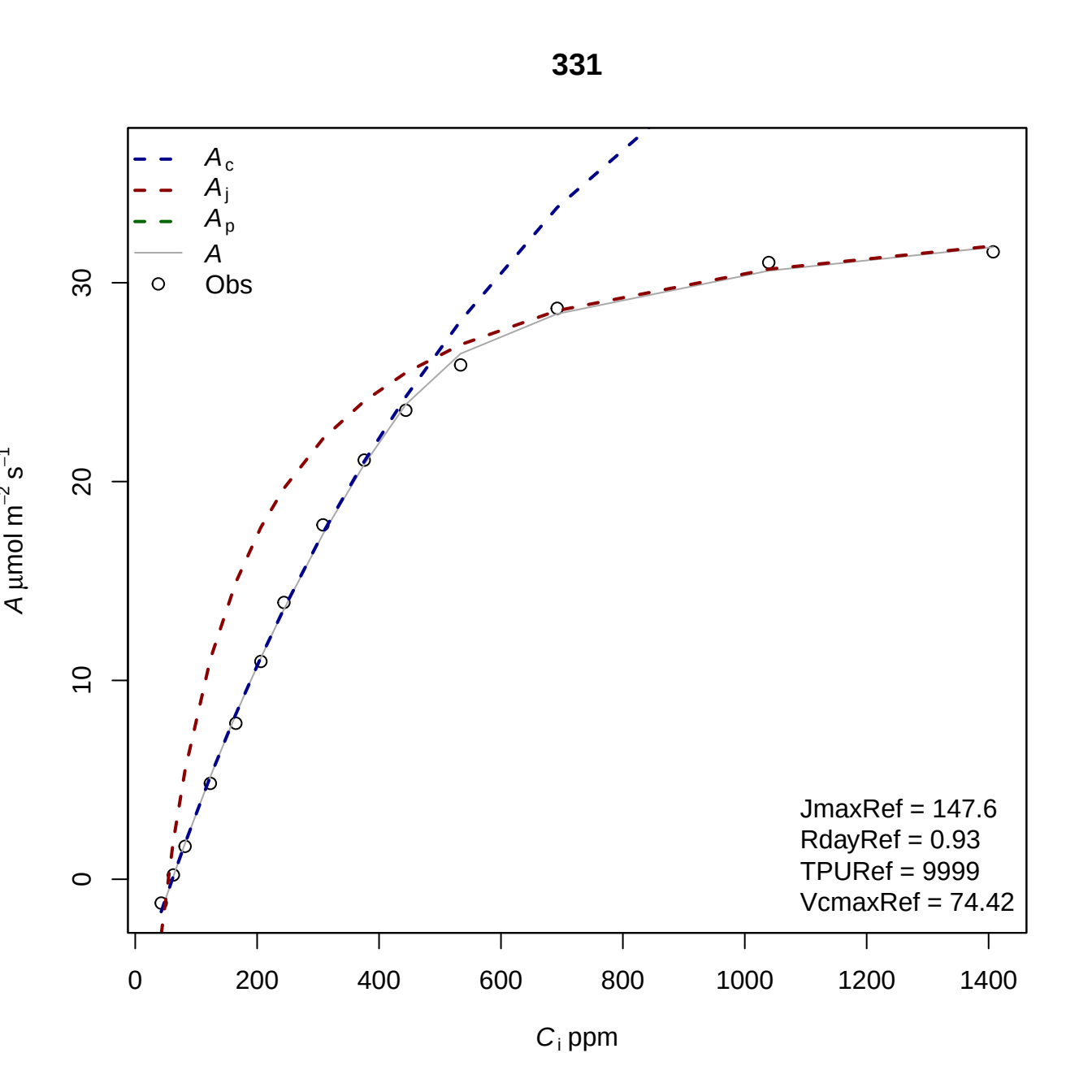

325
A_c
A_j
A_p
A
Obs
JmaxRef = 96.46
RdayRef = 1.4
TPURef = 5.14
VcmaxRef = 70.46
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

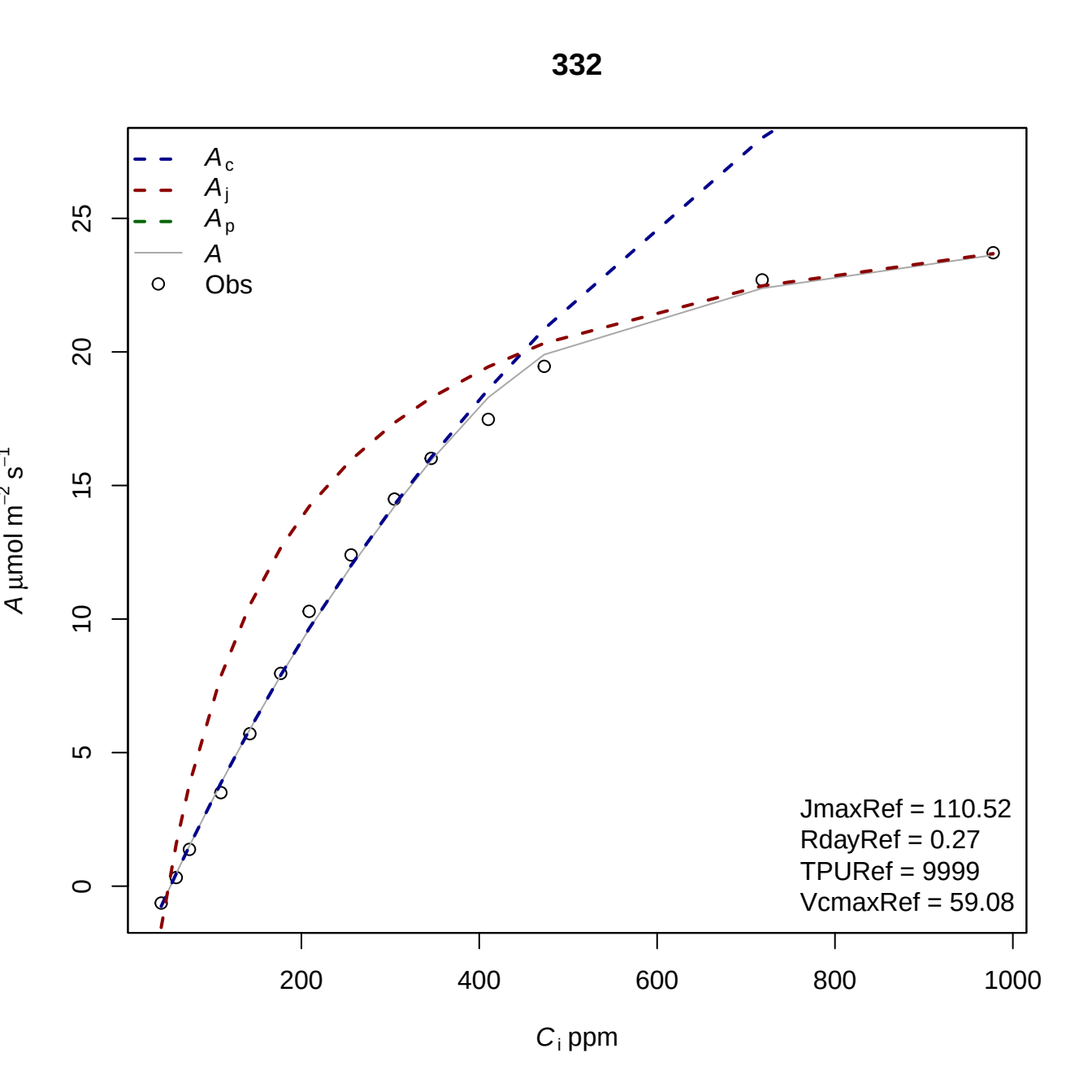

326
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = −1.52
TPURef = 3.84
VcmaxRef = 69.3
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
200
400
600
800
1000

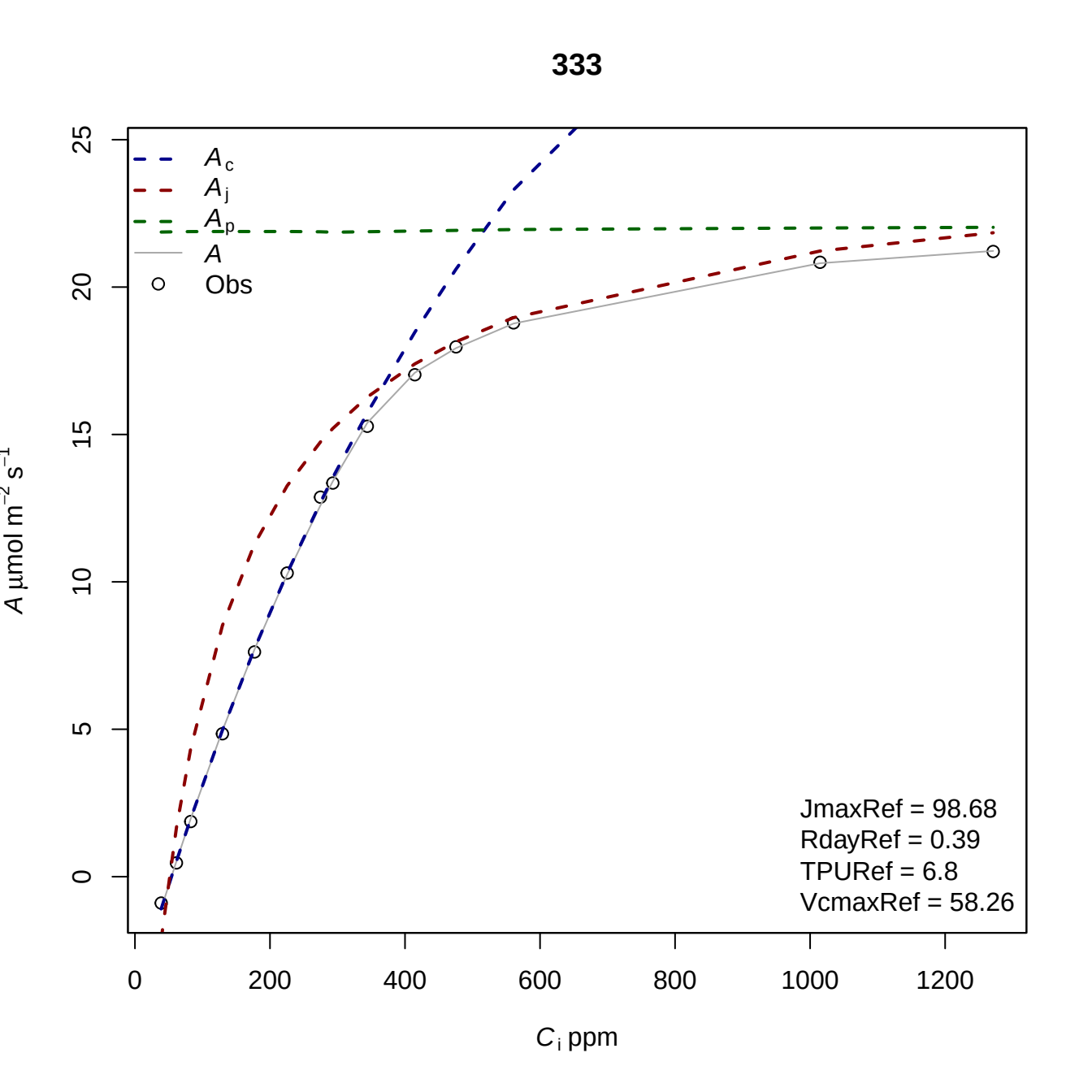

328
A_c
A_j
A_p
A
Obs
JmaxRef = 36.79
RdayRef = 0.76
TPURef = 9999
VcmaxRef = 22.12
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
100
200
300
400
500
600
700

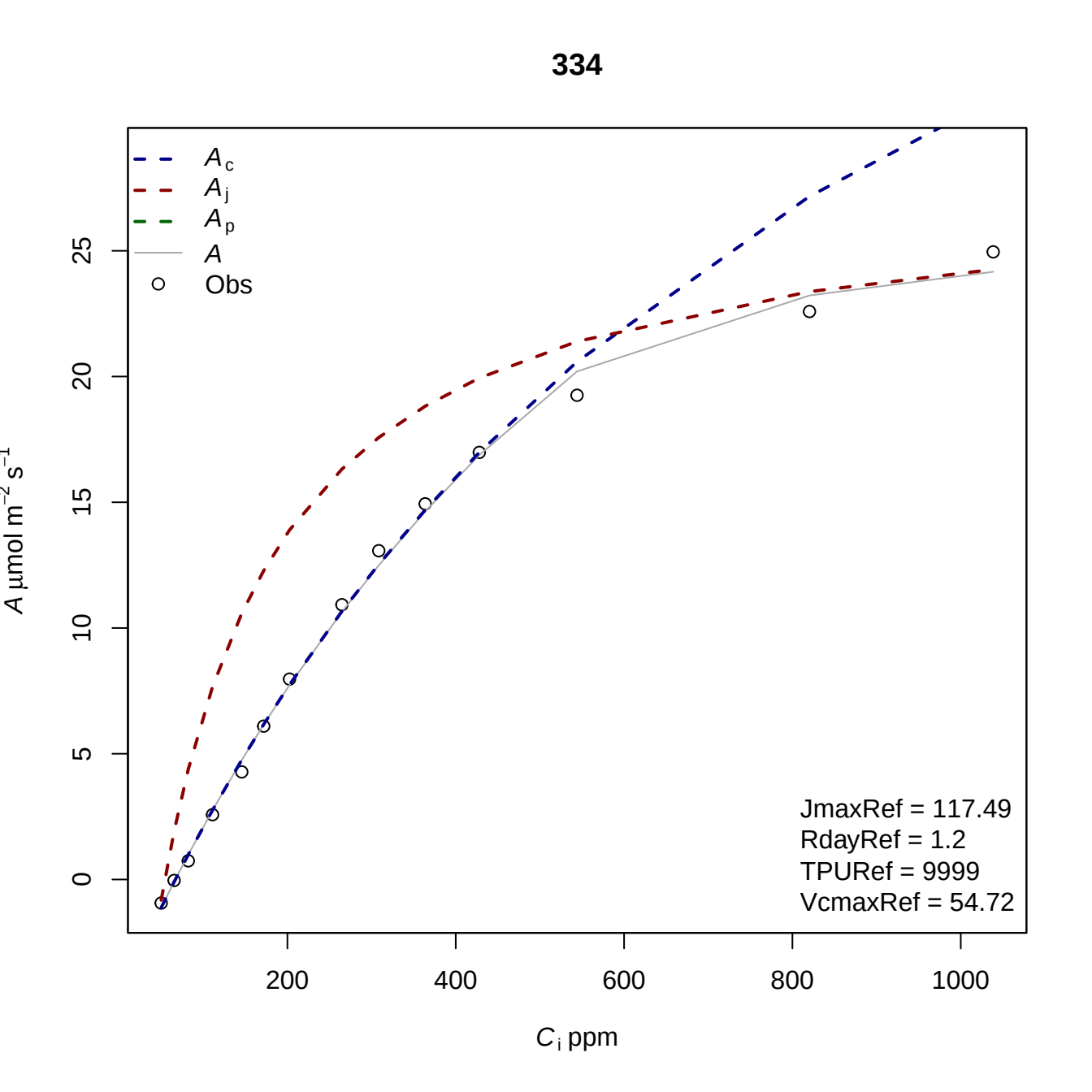

329
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.55
TPURef = 9.19
VcmaxRef = 70.53
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000
1200
1400

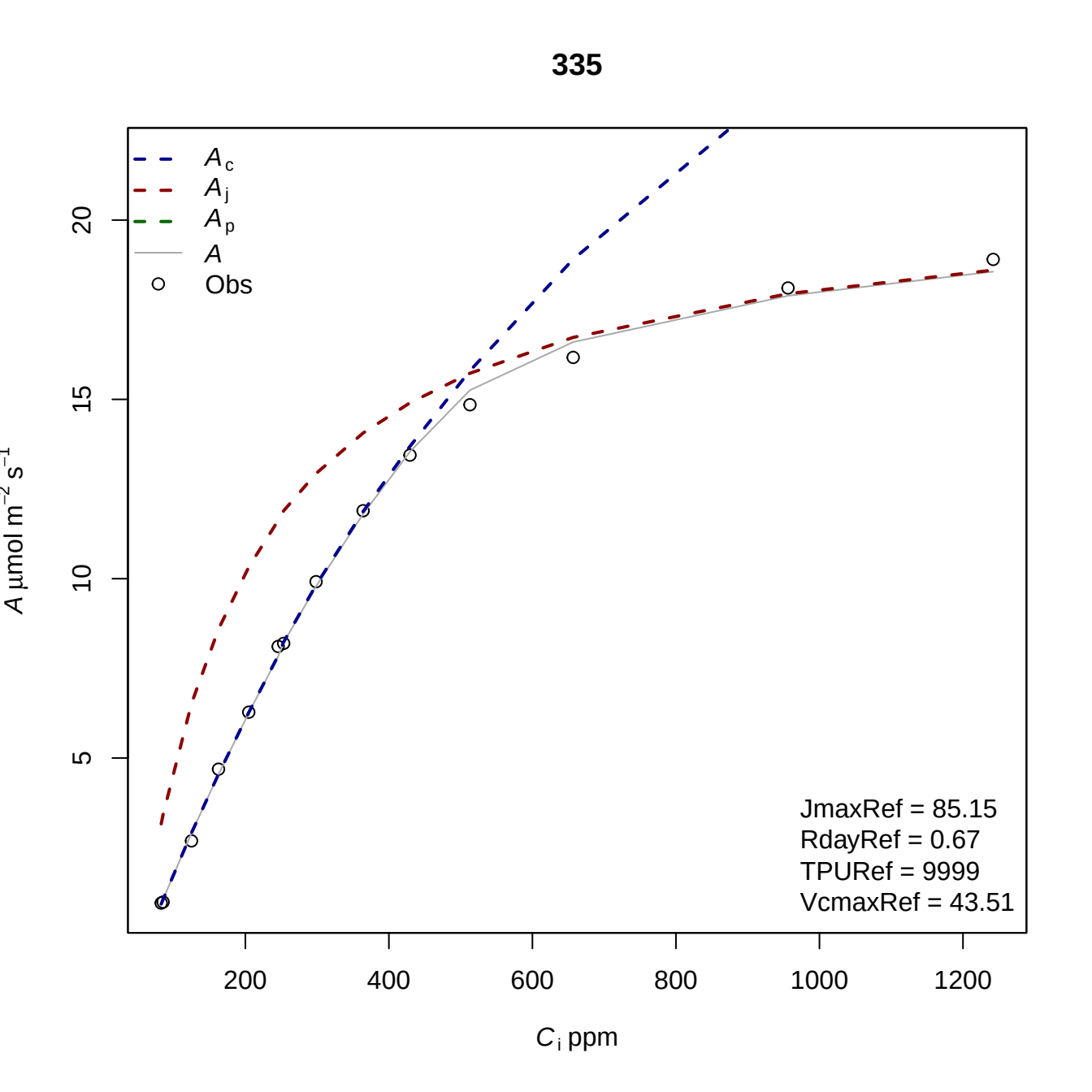

330
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 3.39
TPURef = 3.28
VcmaxRef = 38.03
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
100
150
200
250
300
350
400
450

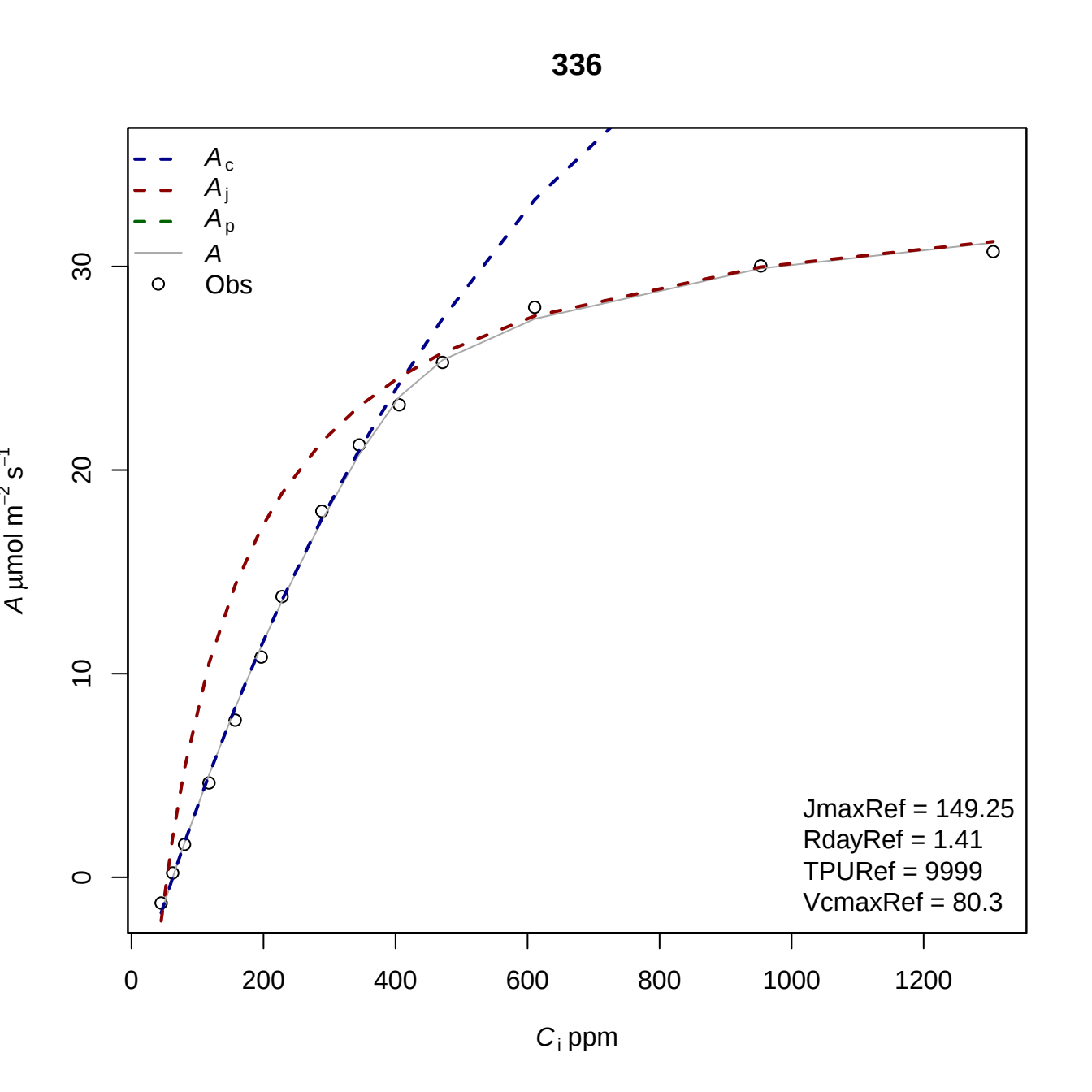

331
A_c
A_j
A_p
A
Obs
JmaxRef = 147.6
RdayRef = 0.93
TPURef = 9999
VcmaxRef = 74.42
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
0
200
400
600
800
1000
1200
1400

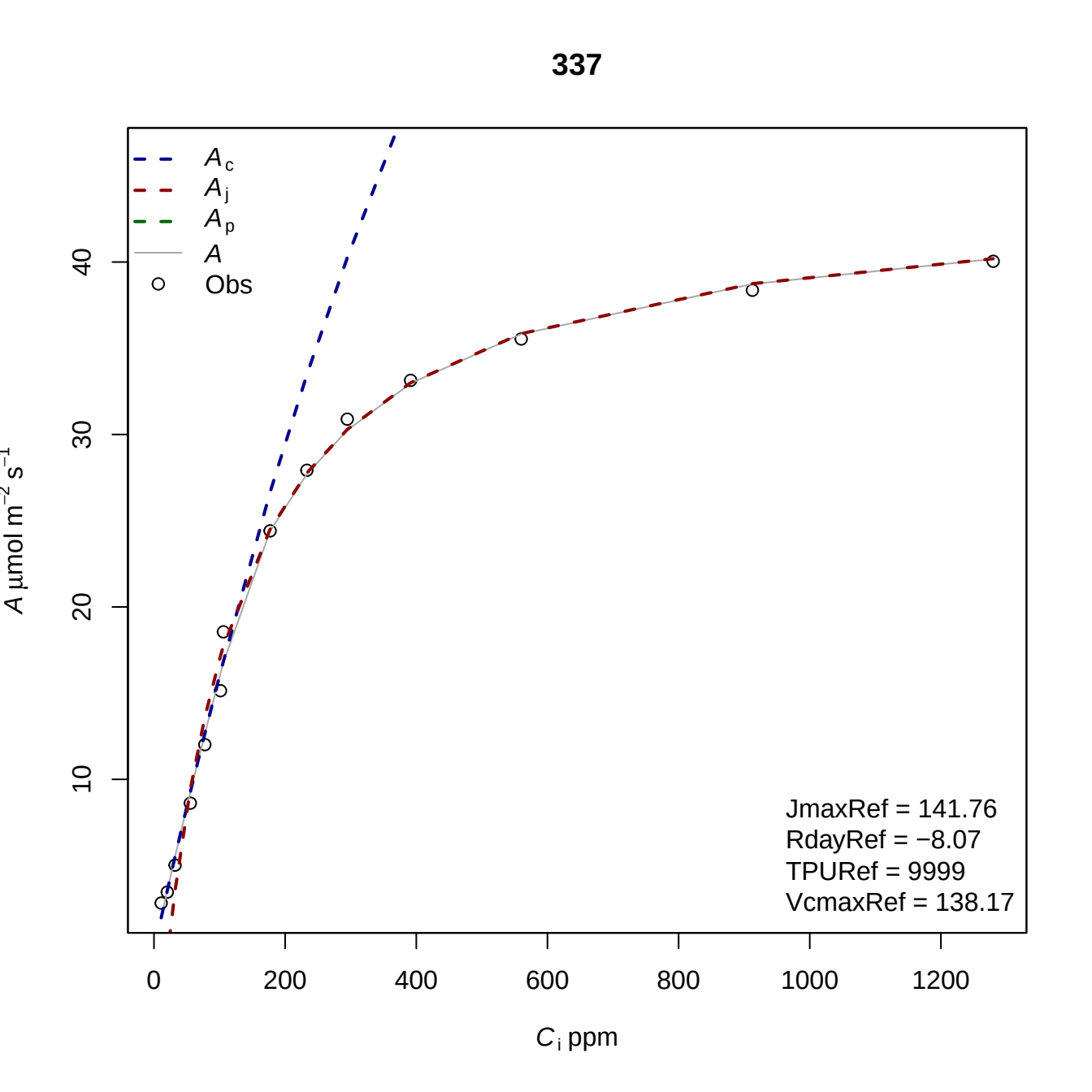

332
A_c
A_j
A_p
A
Obs
JmaxRef = 110.52
RdayRef = 0.27
TPURef = 9999
VcmaxRef = 59.08
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000

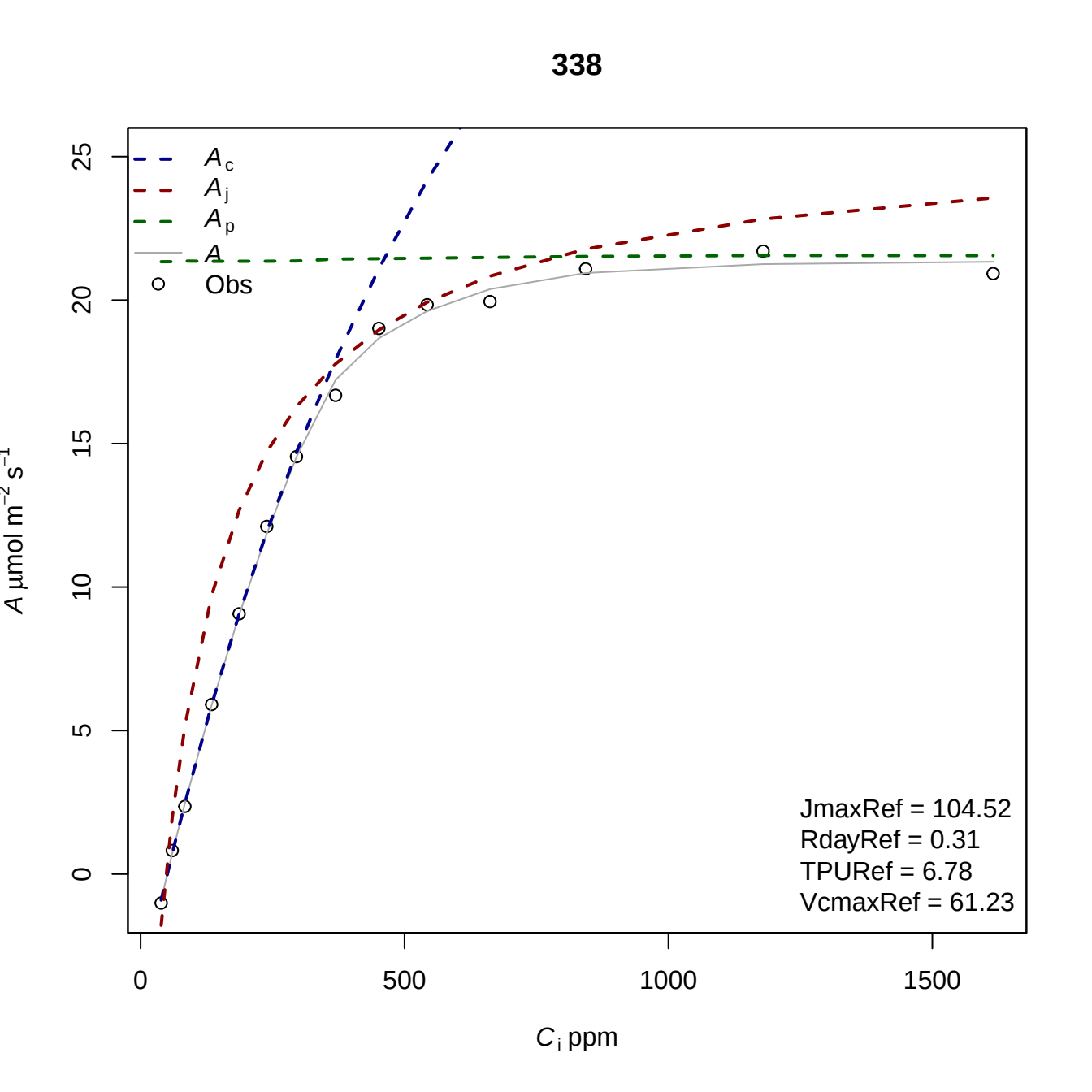

333
A_c
A_j
A_p
A
Obs
JmaxRef = 98.68
RdayRef = 0.39
TPURef = 6.8
VcmaxRef = 58.26
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

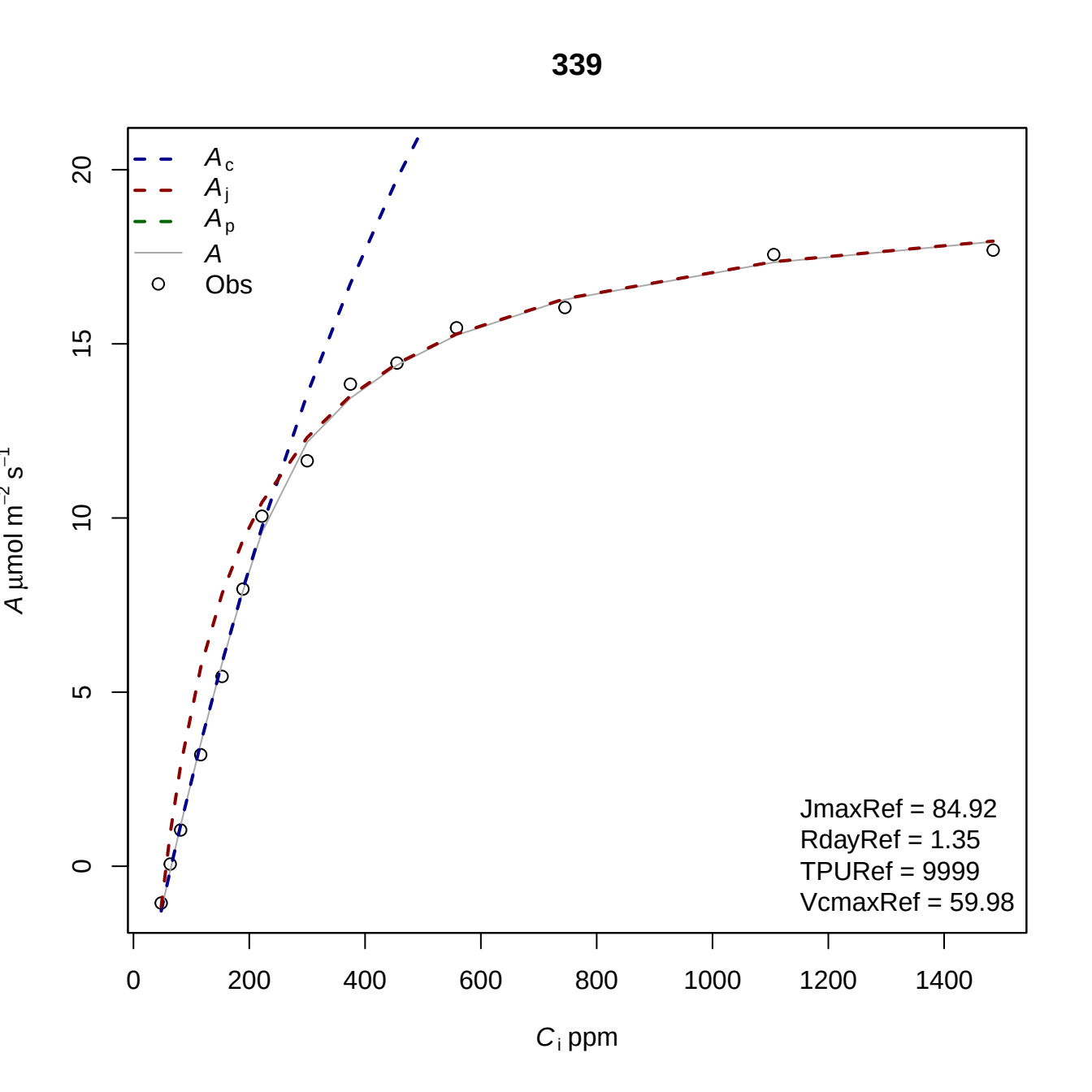

334
A_c
A_j
A_p
A
Obs
JmaxRef = 117.49
RdayRef = 1.2
TPURef = 9999
VcmaxRef = 54.72
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000

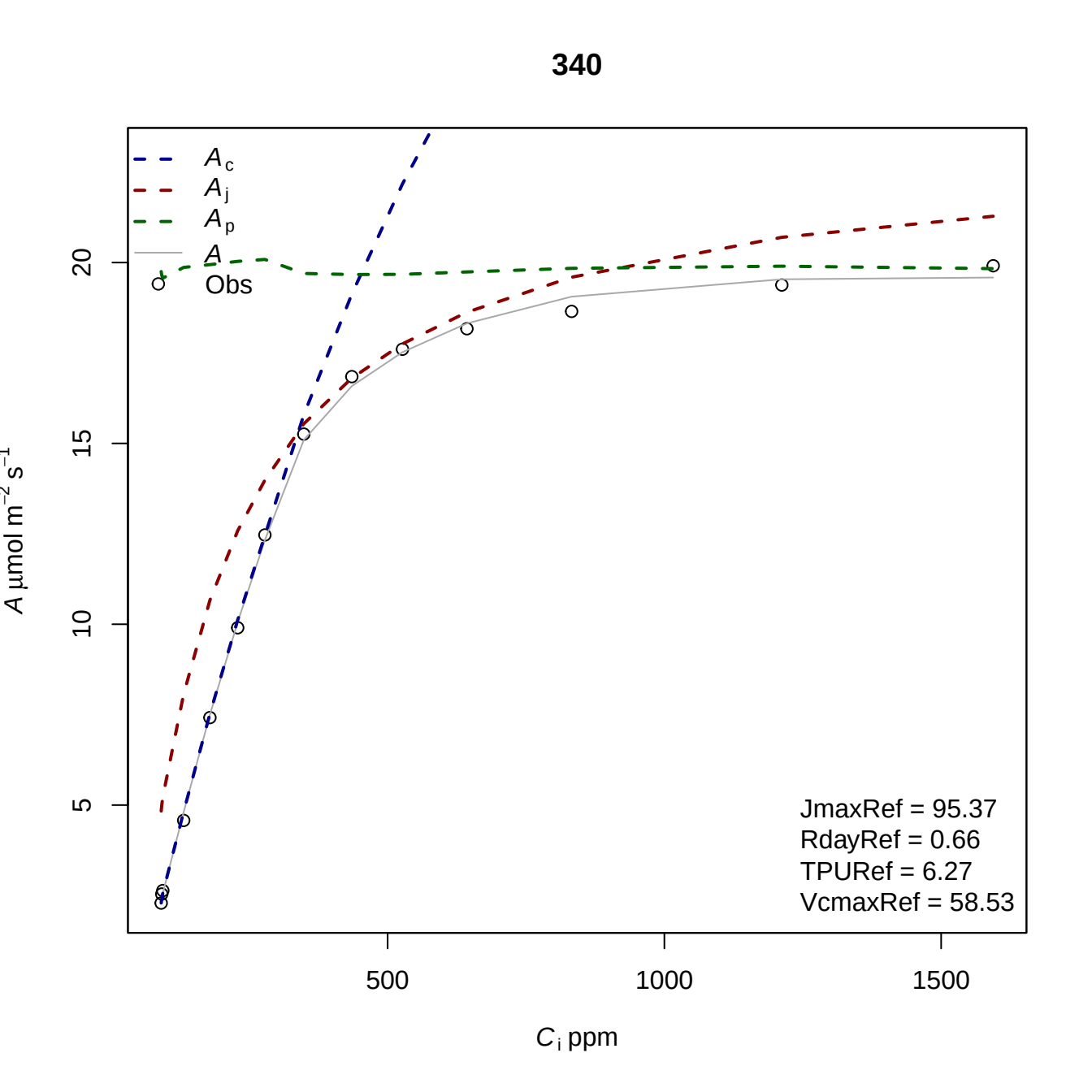

335
A_c
A_j
A_p
A
Obs
JmaxRef = 85.15
RdayRef = 0.67
TPURef = 9999
VcmaxRef = 43.51
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
200
400
600
800
1000
1200

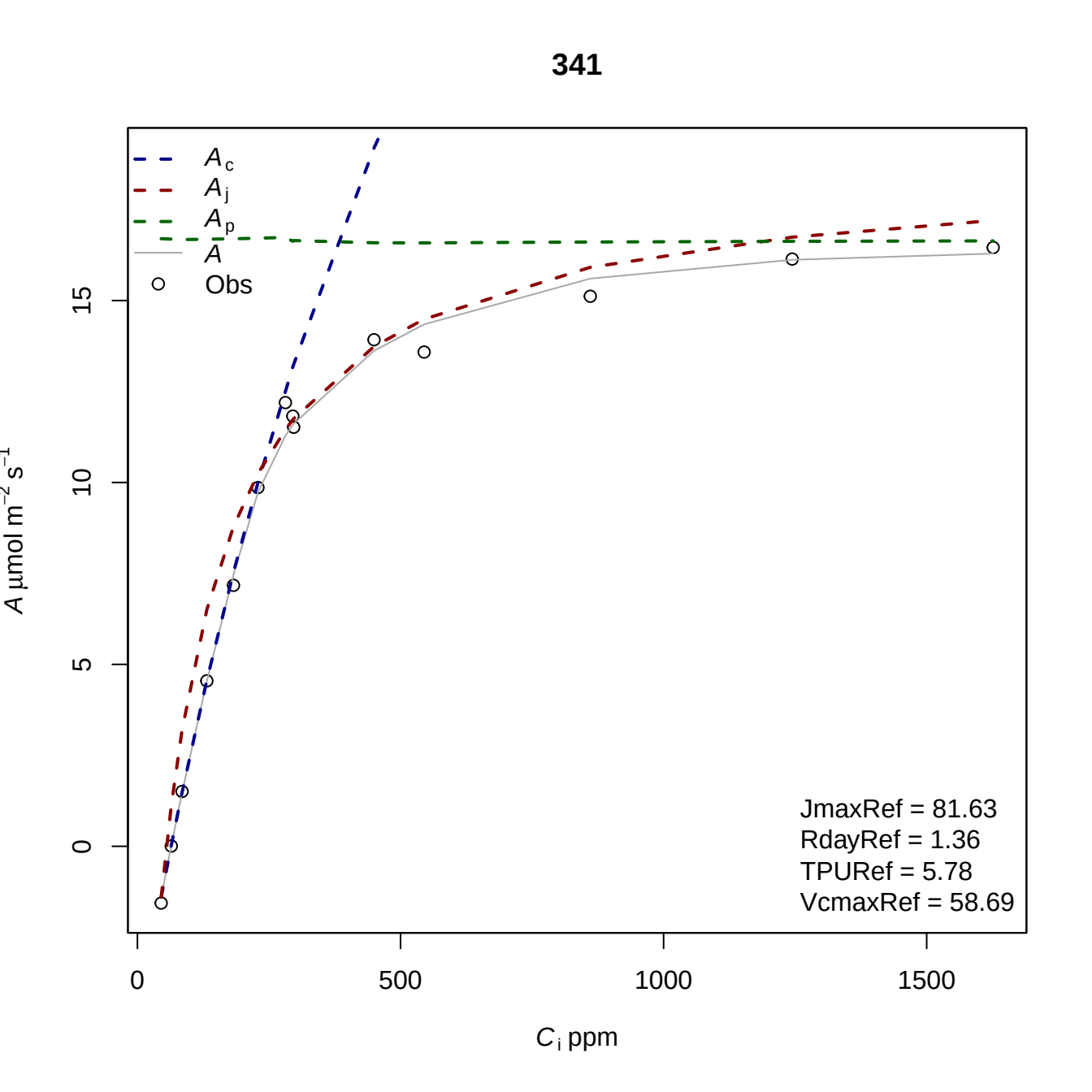

336
A_c
A_j
A_p
A
Obs
JmaxRef = 149.25
RdayRef = 1.41
TPURef = 9999
VcmaxRef = 80.3
A µmol m^{-2} s^{-1}
0
10
20
30
0
200
400
600
800
1000
1200
C_i ppm

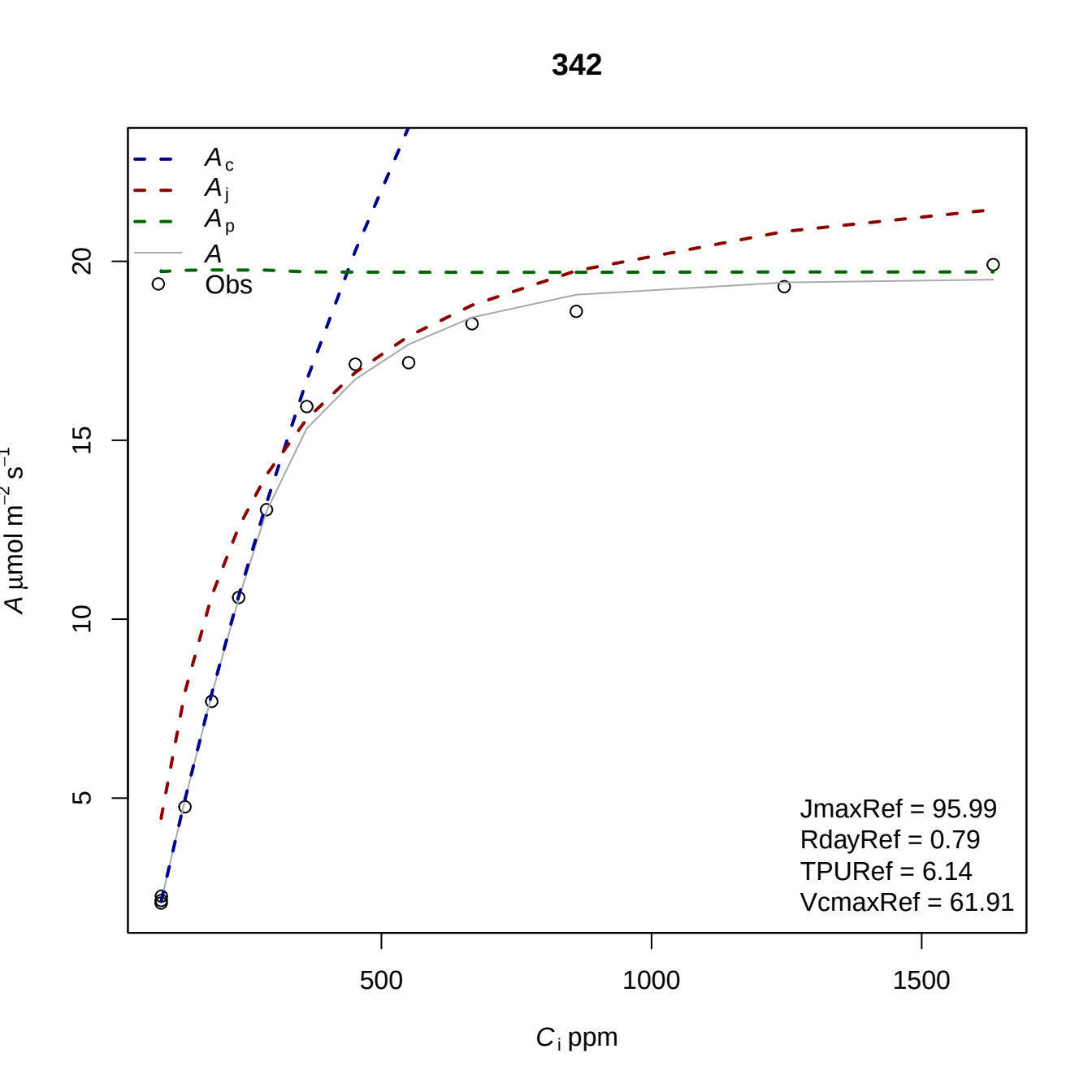

337
A_c
A_j
A_p
A
Obs
JmaxRef = 141.76
RdayRef = −8.07
TPURef = 9999
VcmaxRef = 138.17
A µmol m^{-2} s^{-1}
10
20
30
40
0
200
400
600
800
1000
1200
C_i ppm

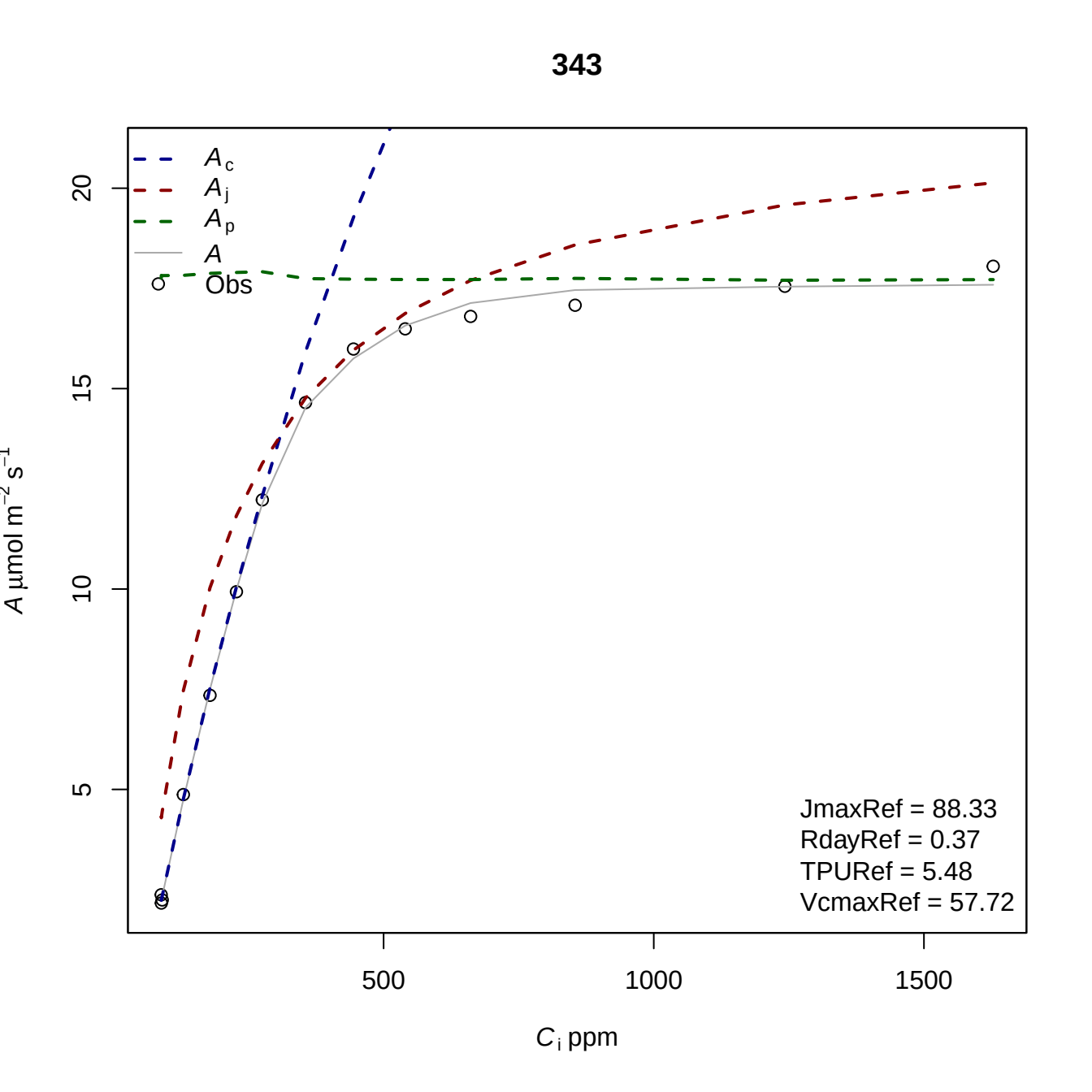

338
A_c
A_j
A_p
A
Obs
JmaxRef = 104.52
RdayRef = 0.31
TPURef = 6.78
VcmaxRef = 61.23
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

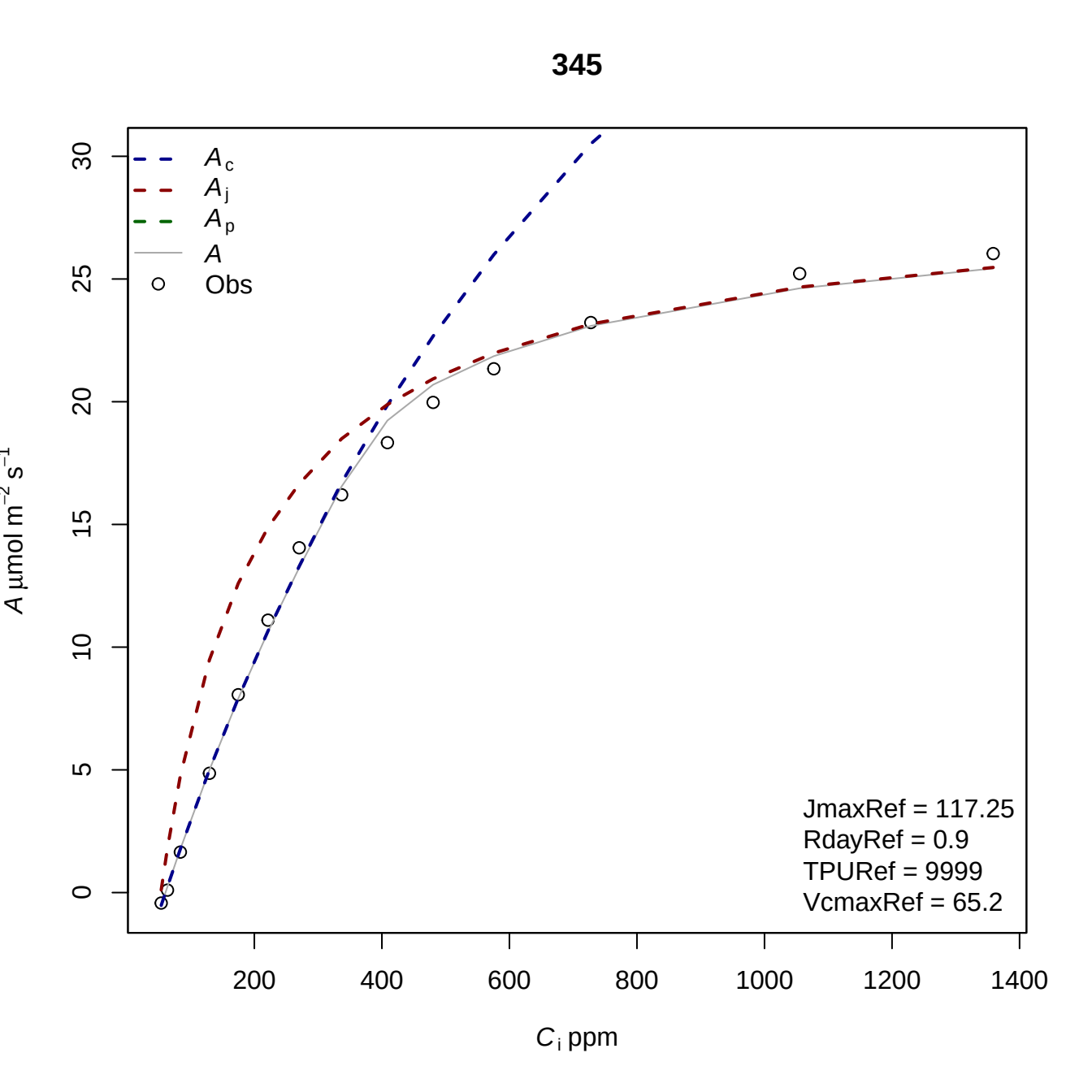

339
A_c
A_j
A_p
A
Obs
JmaxRef = 84.92
RdayRef = 1.35
TPURef = 9999
VcmaxRef = 59.98
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

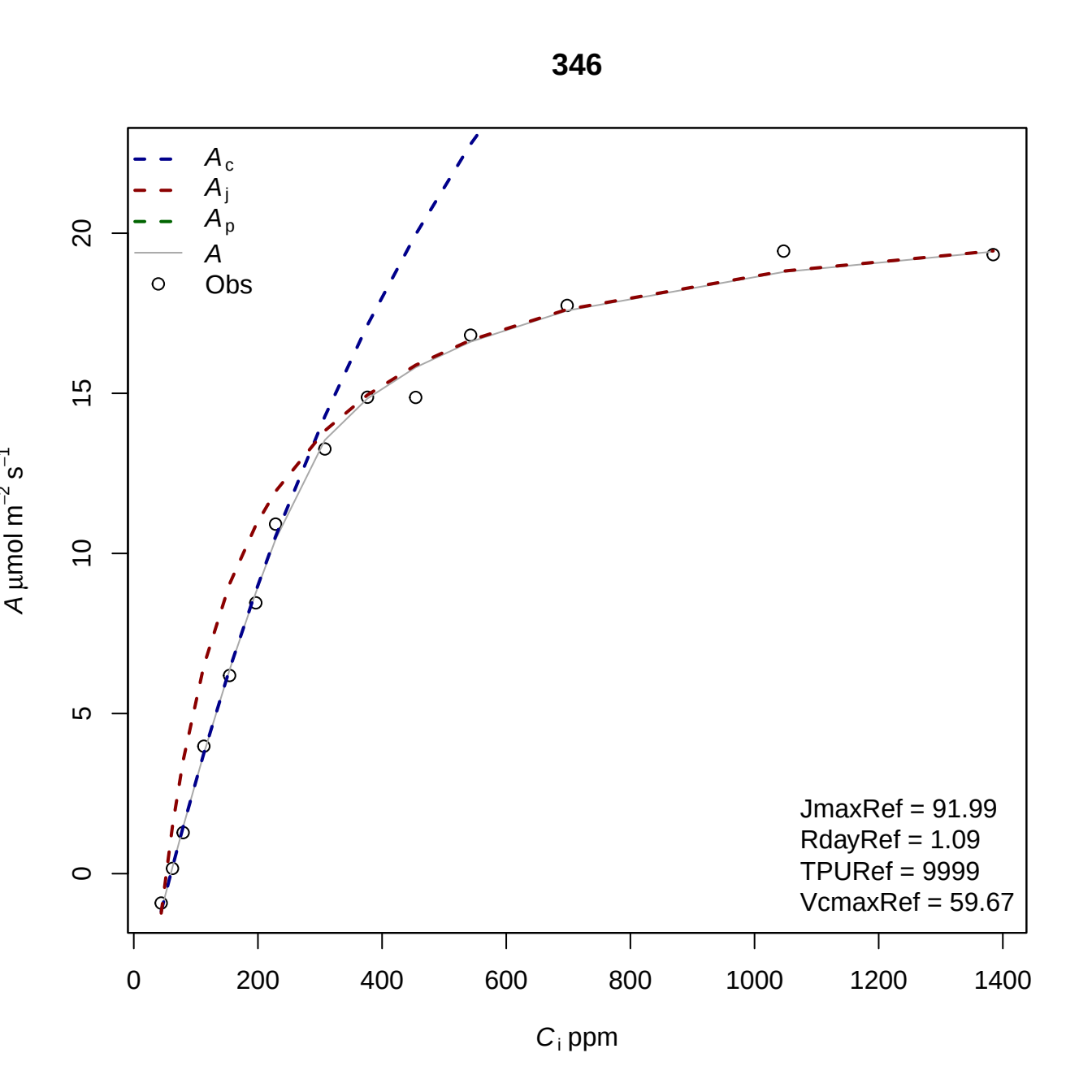

340
A_c
A_j
A_p
A
Obs
JmaxRef = 95.37
RdayRef = 0.66
TPURef = 6.27
VcmaxRef = 58.53
5
10
15
20
500
1000
1500
A µmol m^{-2} s^{-1}
C_i ppm

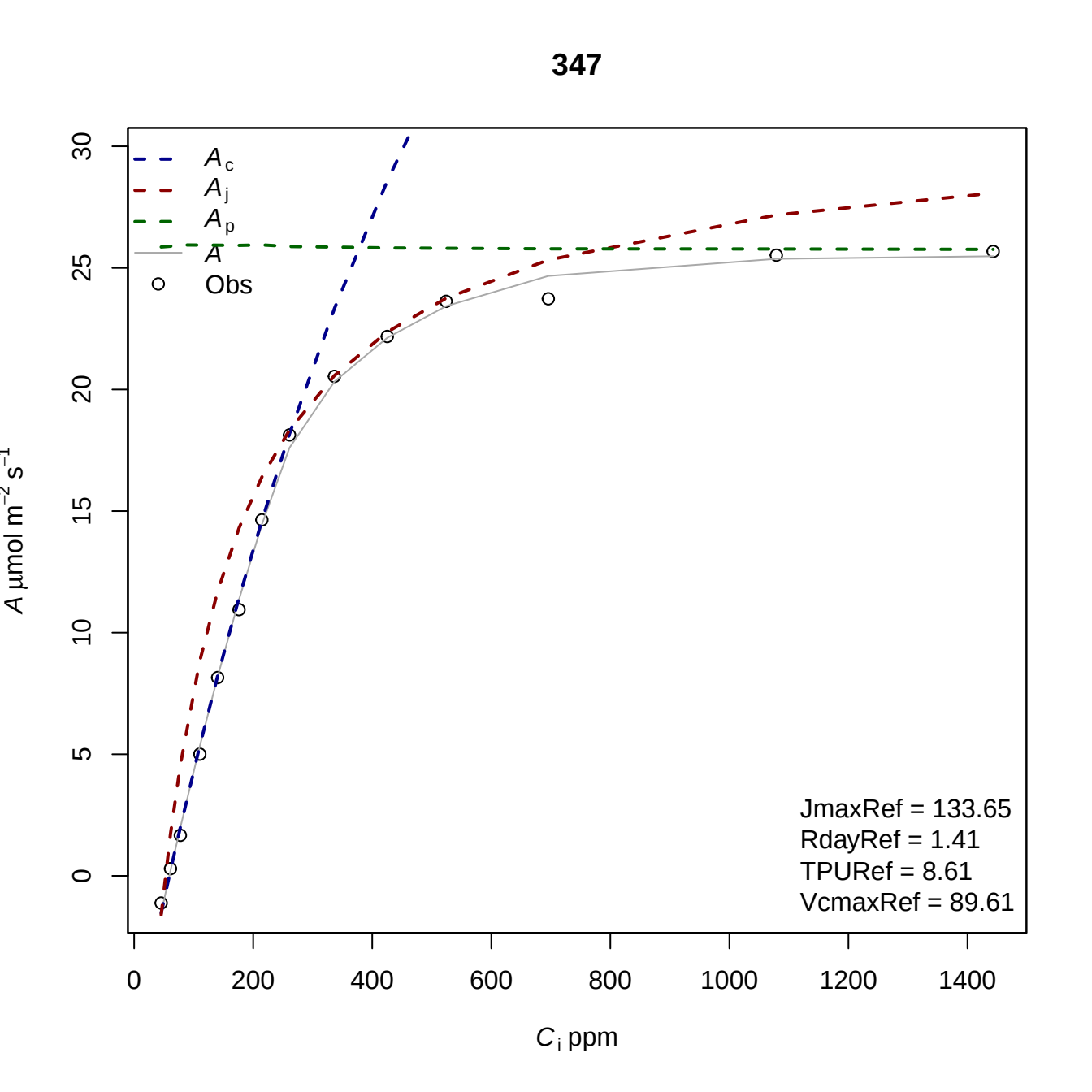

341
A_c
A_j
A_p
A
Obs
JmaxRef = 81.63
RdayRef = 1.36
TPURef = 5.78
VcmaxRef = 58.69
A µmol m^{-2} s^{-1}
0
5
10
15
0
500
1000
1500
C_i ppm

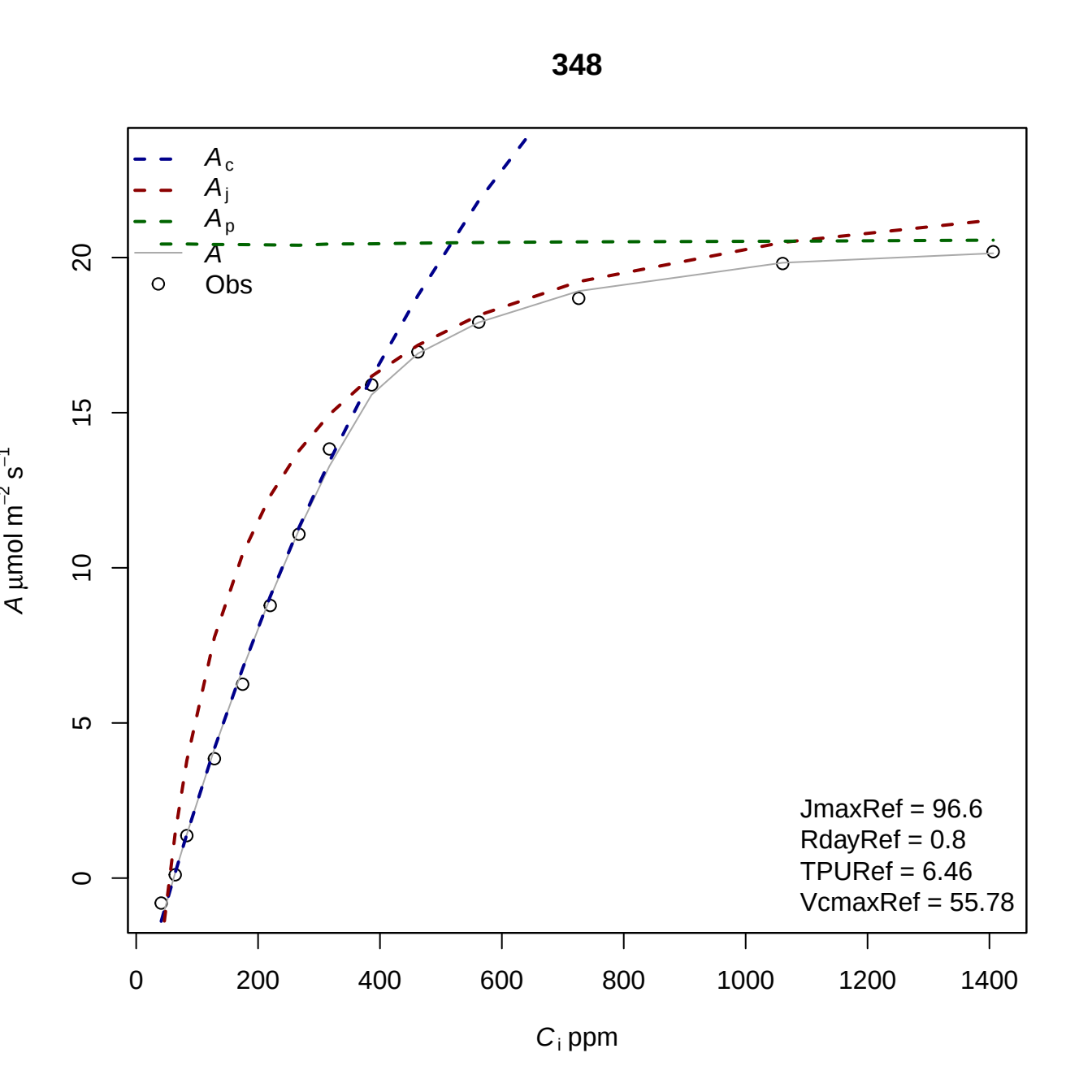

342
A_c
A_j
A_p
A
Obs
JmaxRef = 95.99
RdayRef = 0.79
TPURef = 6.14
VcmaxRef = 61.91
5
10
15
20
500
1000
1500
A µmol m^{-2} s^{-1}
C_i ppm

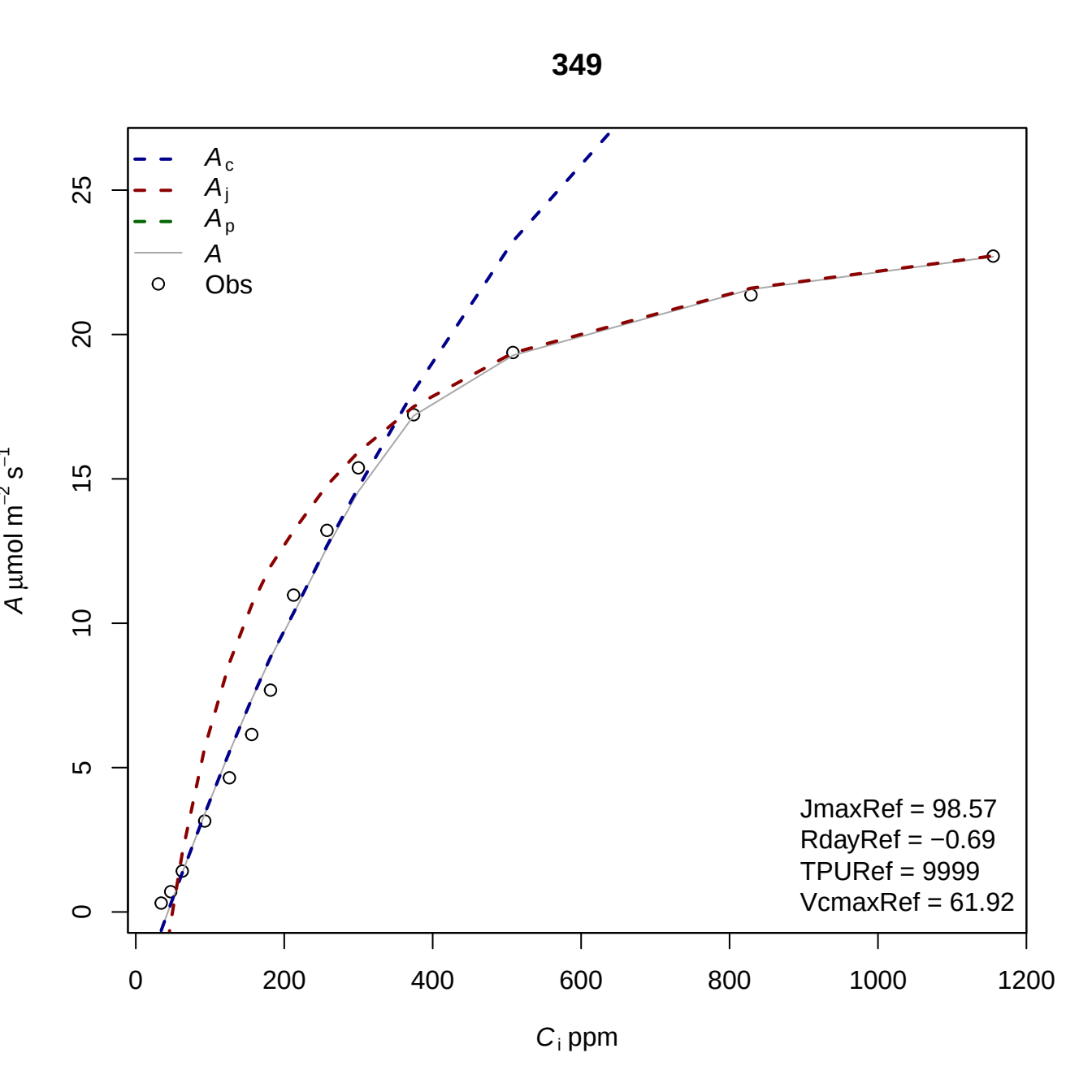

343
A_c
A_j
A_p
A
Obs
JmaxRef = 88.33
RdayRef = 0.37
TPURef = 5.48
VcmaxRef = 57.72
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
500
1000
1500

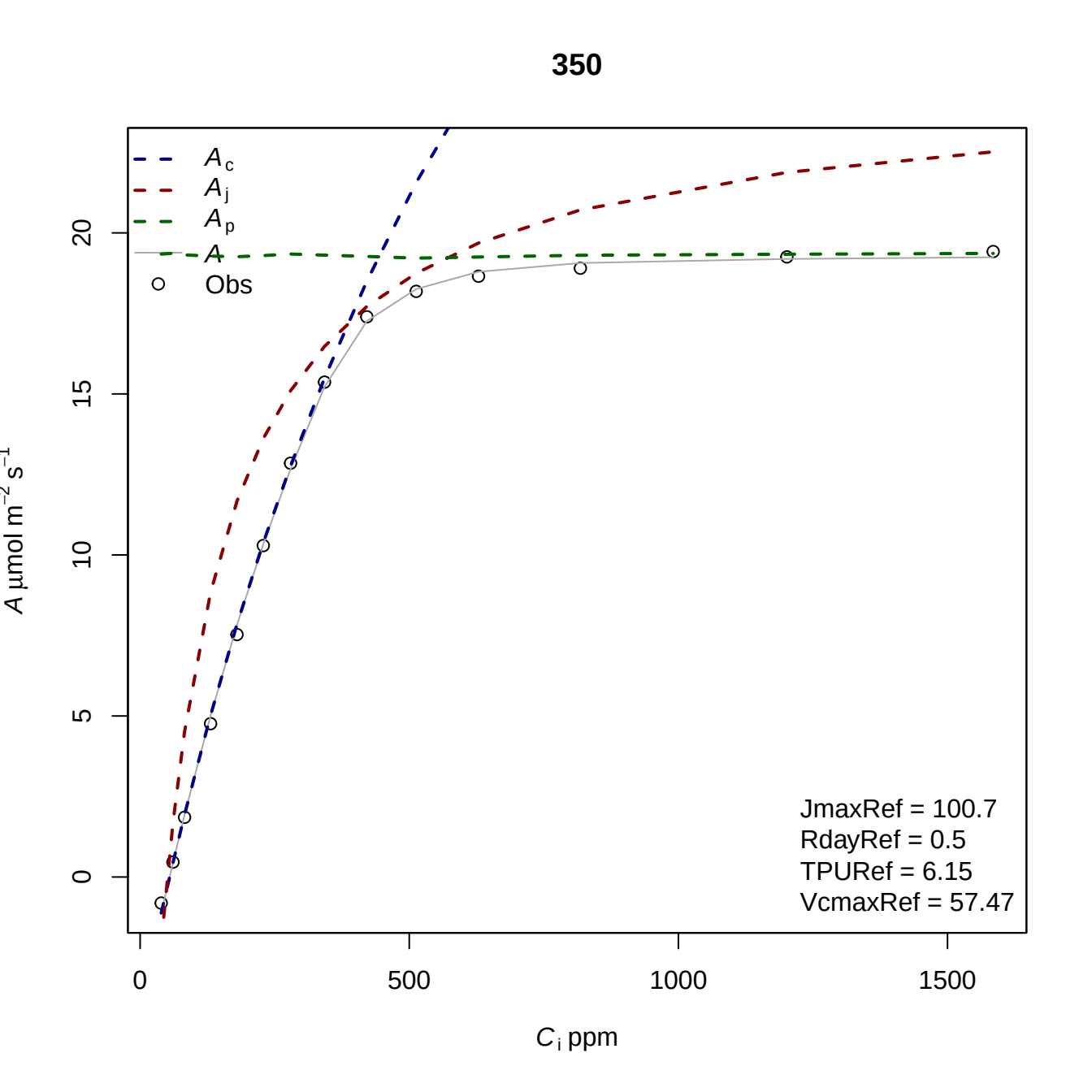

345
A_c
A_j
A_p
A
Obs
JmaxRef = 117.25
RdayRef = 0.9
TPURef = 9999
VcmaxRef = 65.2
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000
1200
1400

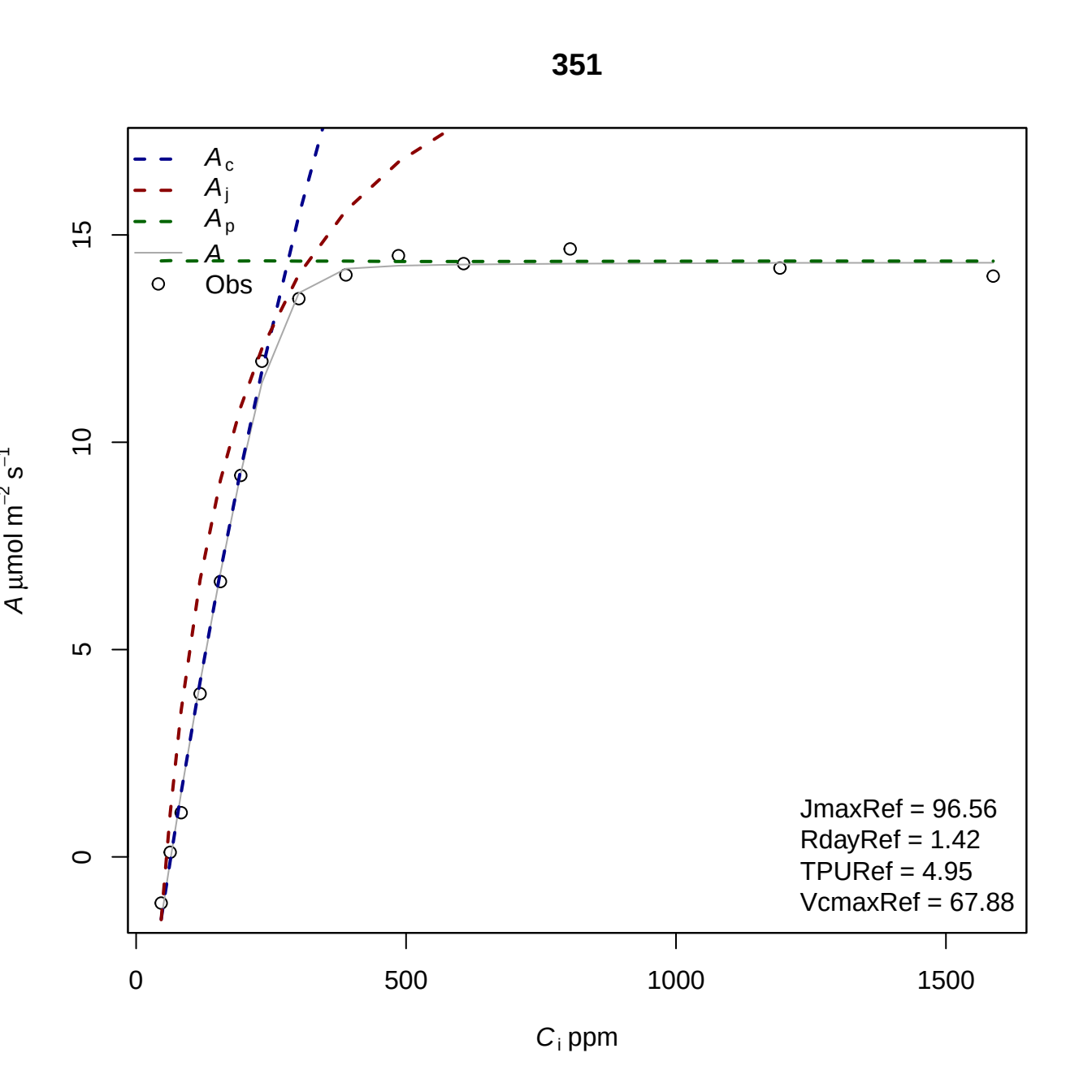

346
A_c
A_j
A_p
A
Obs
JmaxRef = 91.99
RdayRef = 1.09
TPURef = 9999
VcmaxRef = 59.67
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

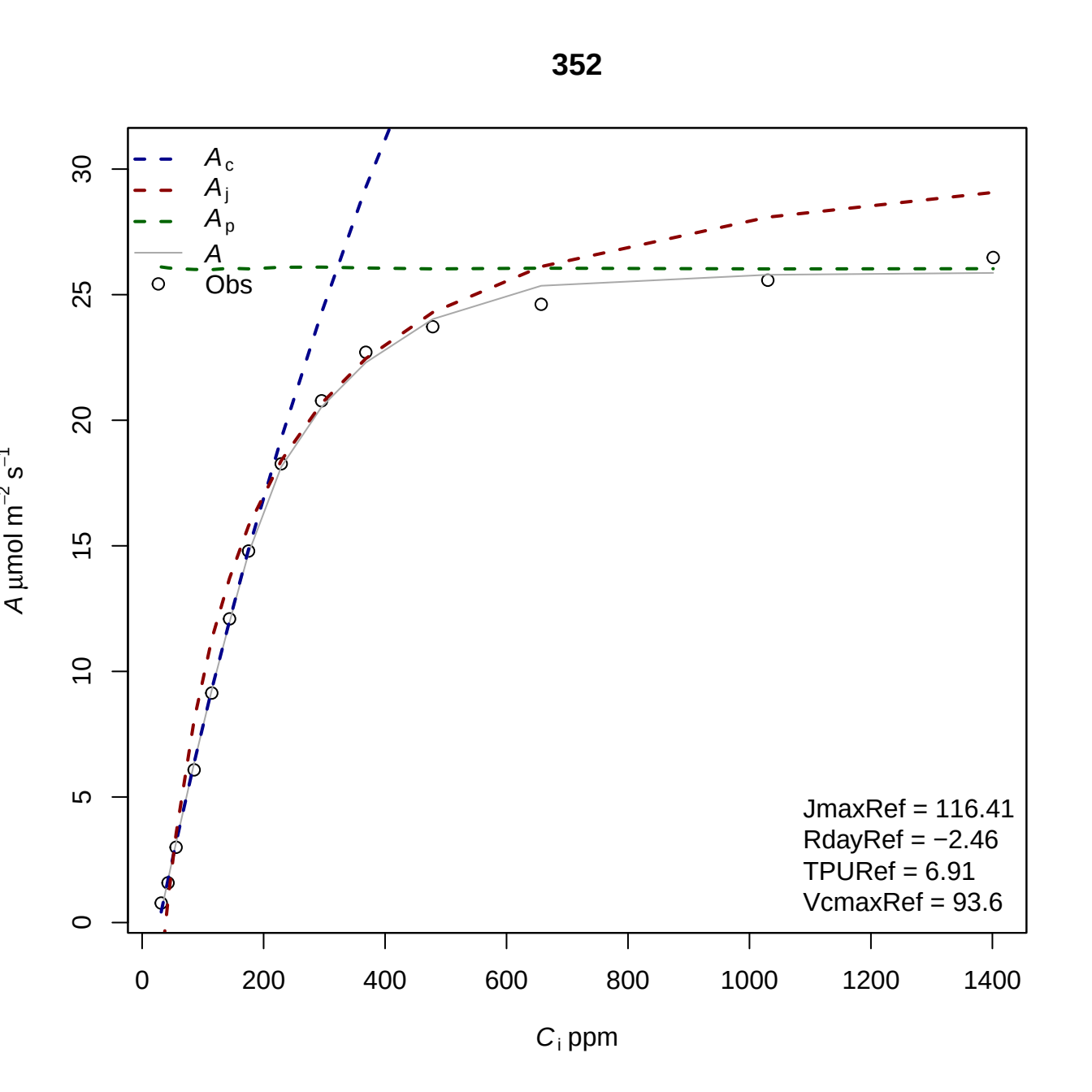

347
A_c
A_j
A_p
A
Obs
JmaxRef = 133.65
RdayRef = 1.41
TPURef = 8.61
VcmaxRef = 89.61
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

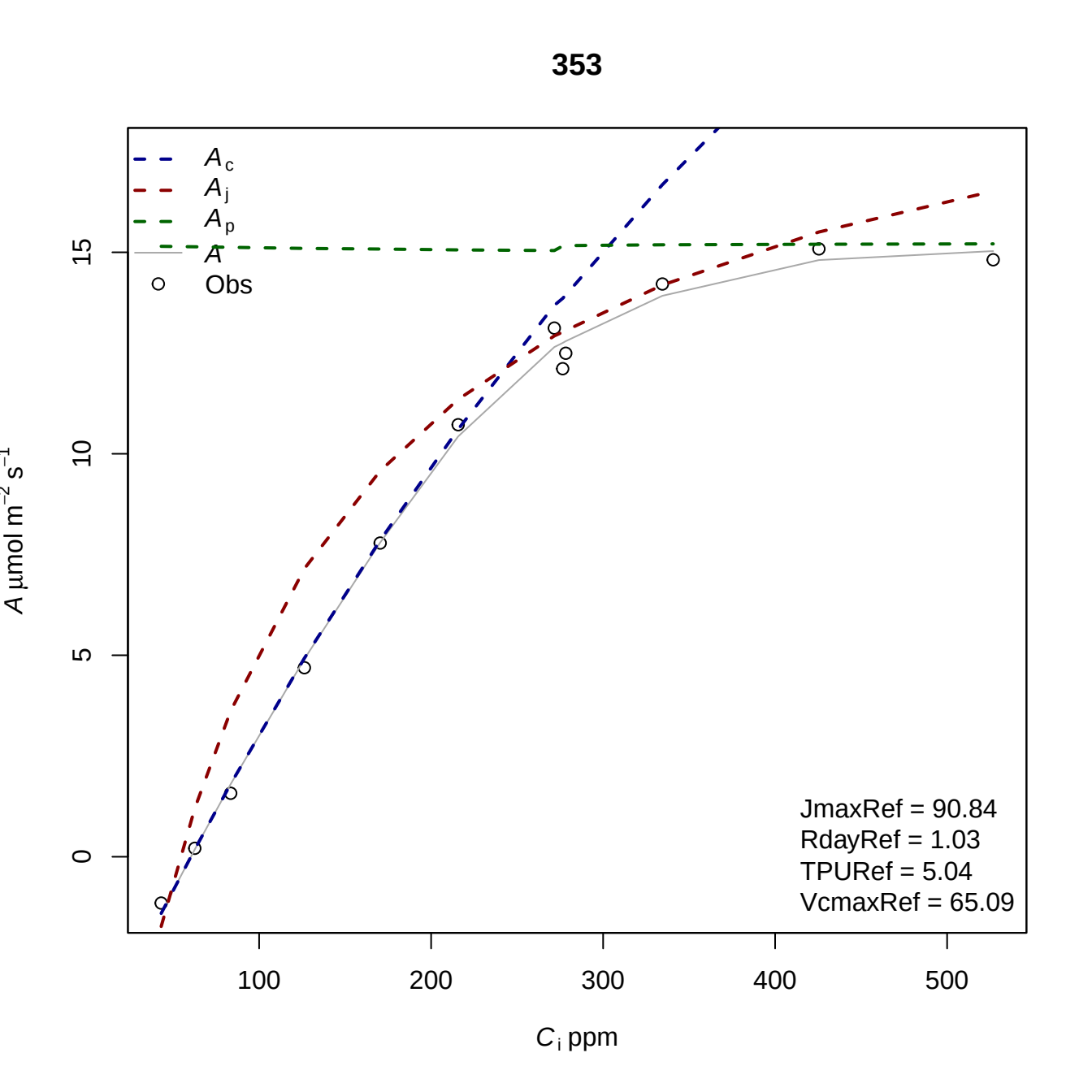

348
A_c
A_j
A_p
A
Obs
JmaxRef = 96.6
RdayRef = 0.8
TPURef = 6.46
VcmaxRef = 55.78
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

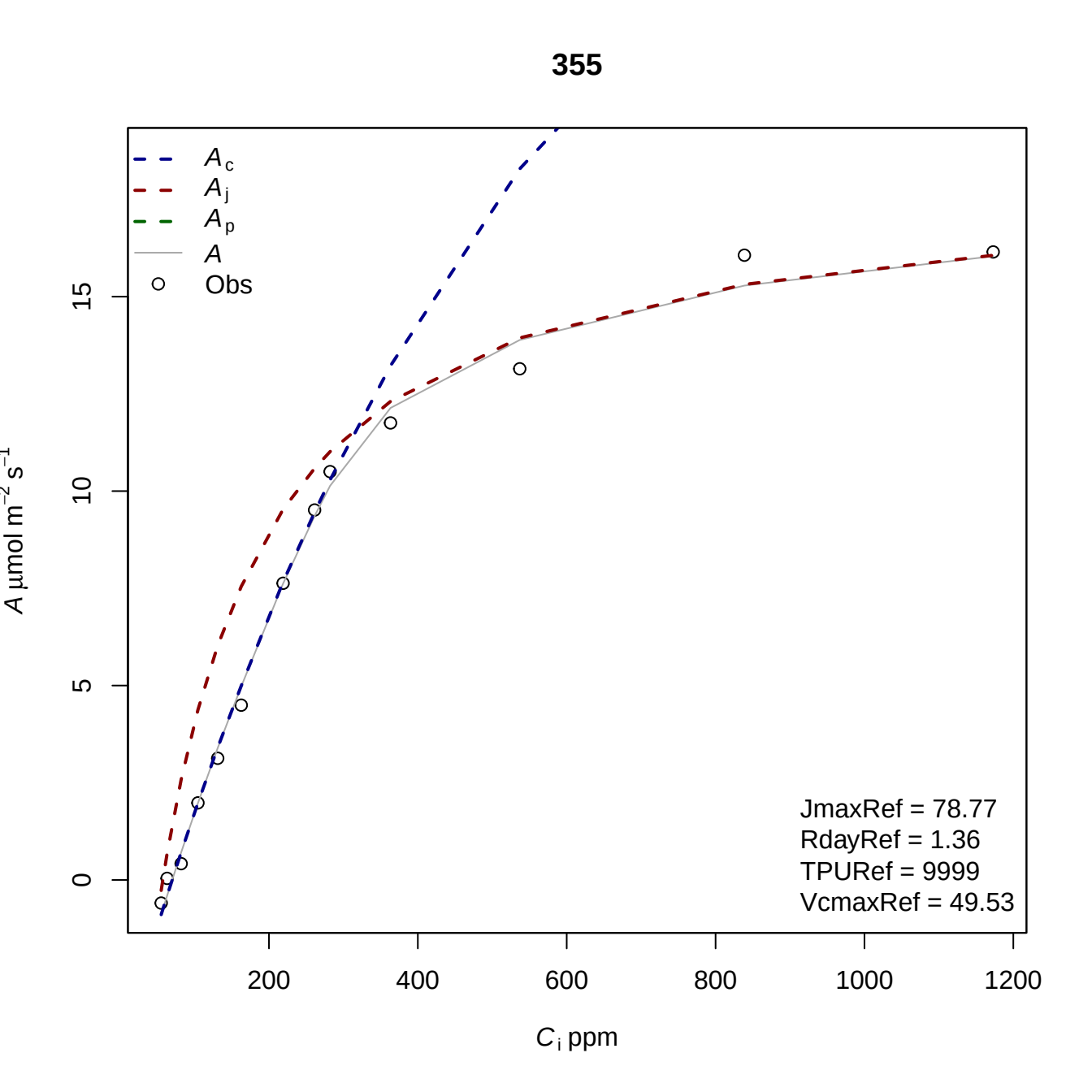

349
A_c
A_j
A_p
A
Obs
JmaxRef = 98.57
RdayRef = −0.69
TPURef = 9999
VcmaxRef = 61.92
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

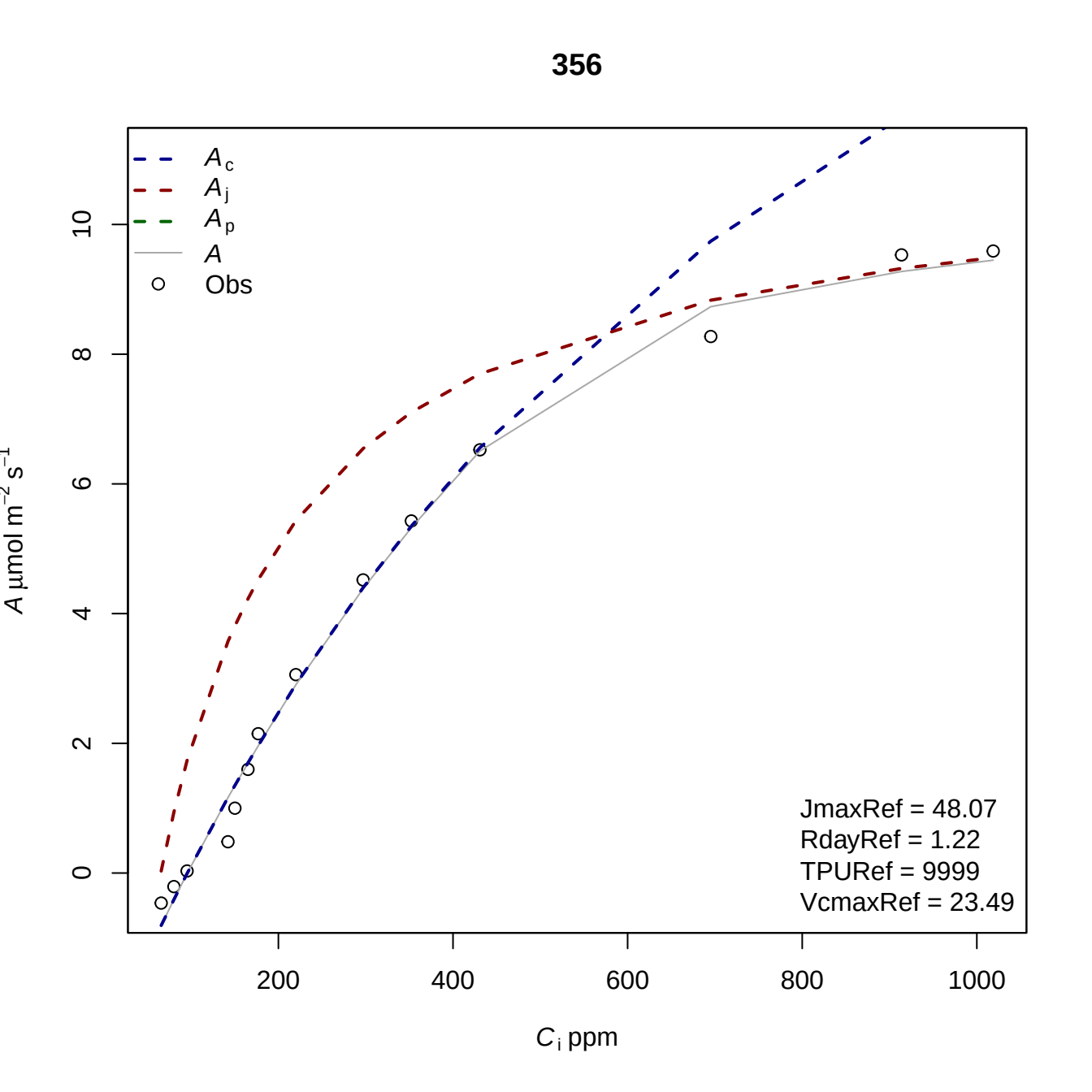

350
A_c
A_j
A_p
A
Obs
JmaxRef = 100.7
RdayRef = 0.5
TPURef = 6.15
VcmaxRef = 57.47
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

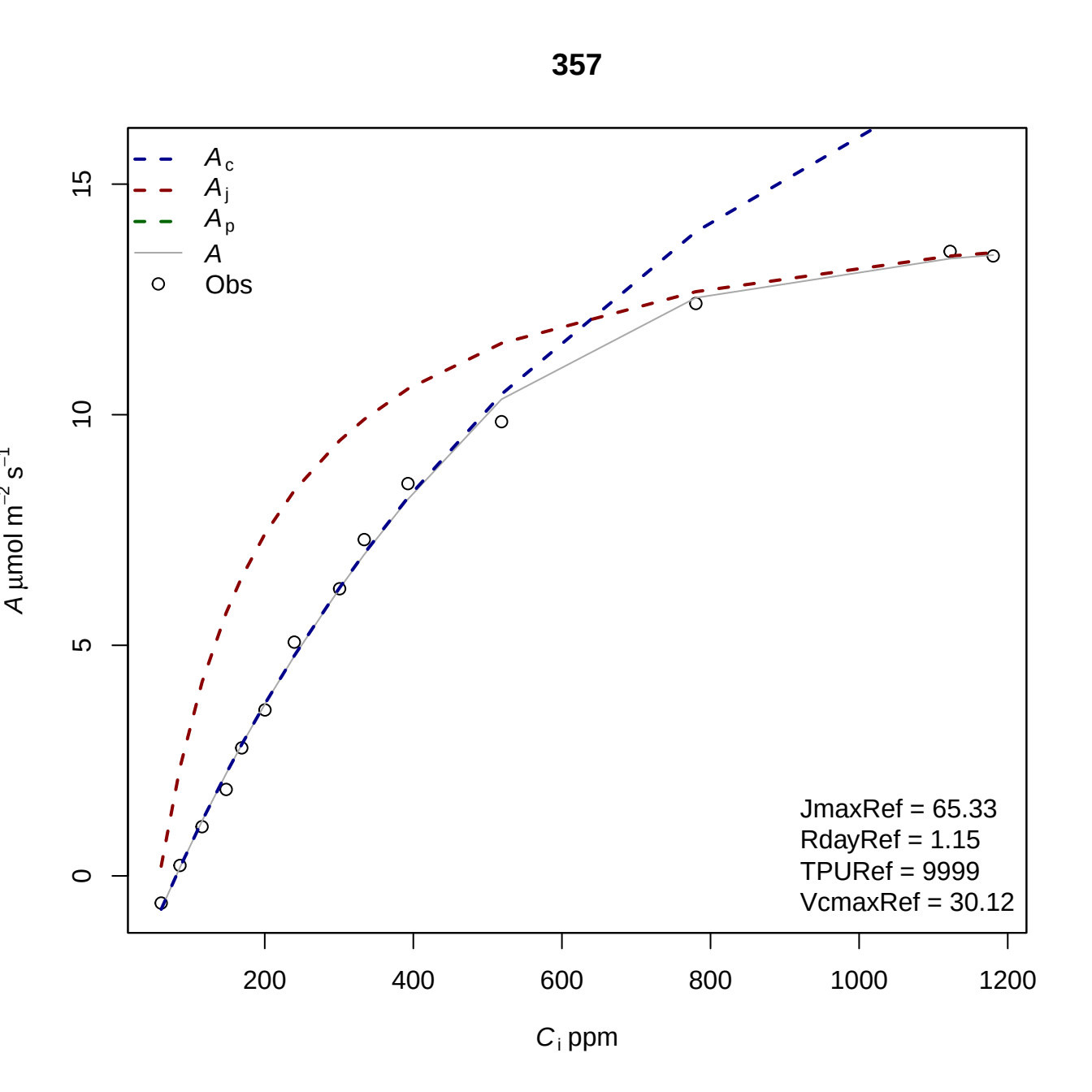

351
A_c
A_j
A_p
A
Obs
JmaxRef = 96.56
RdayRef = 1.42
TPURef = 4.95
VcmaxRef = 67.88
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

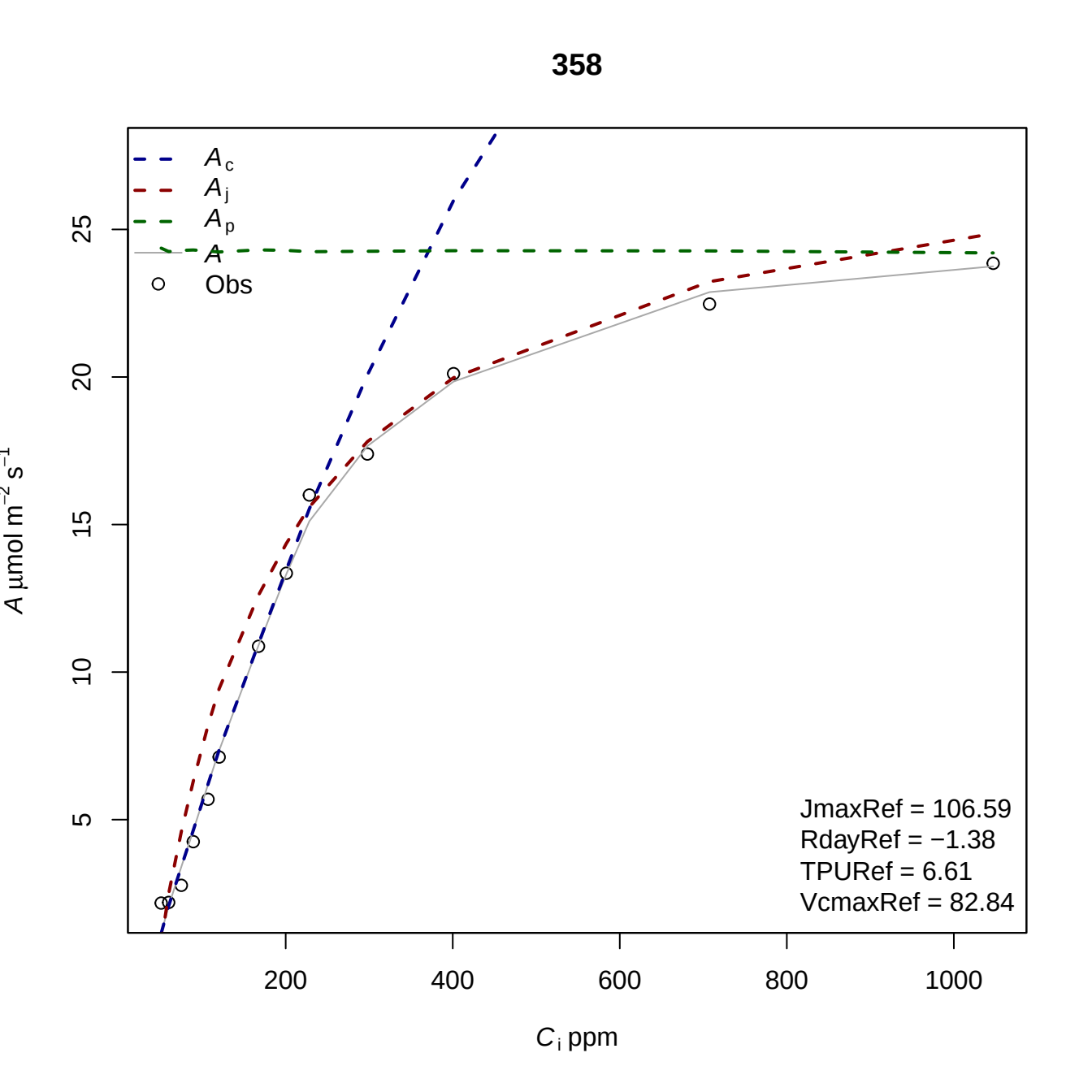

352
A_c
A_j
A_p
A
Obs
JmaxRef = 116.41
RdayRef = −2.46
TPURef = 6.91
VcmaxRef = 93.6
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

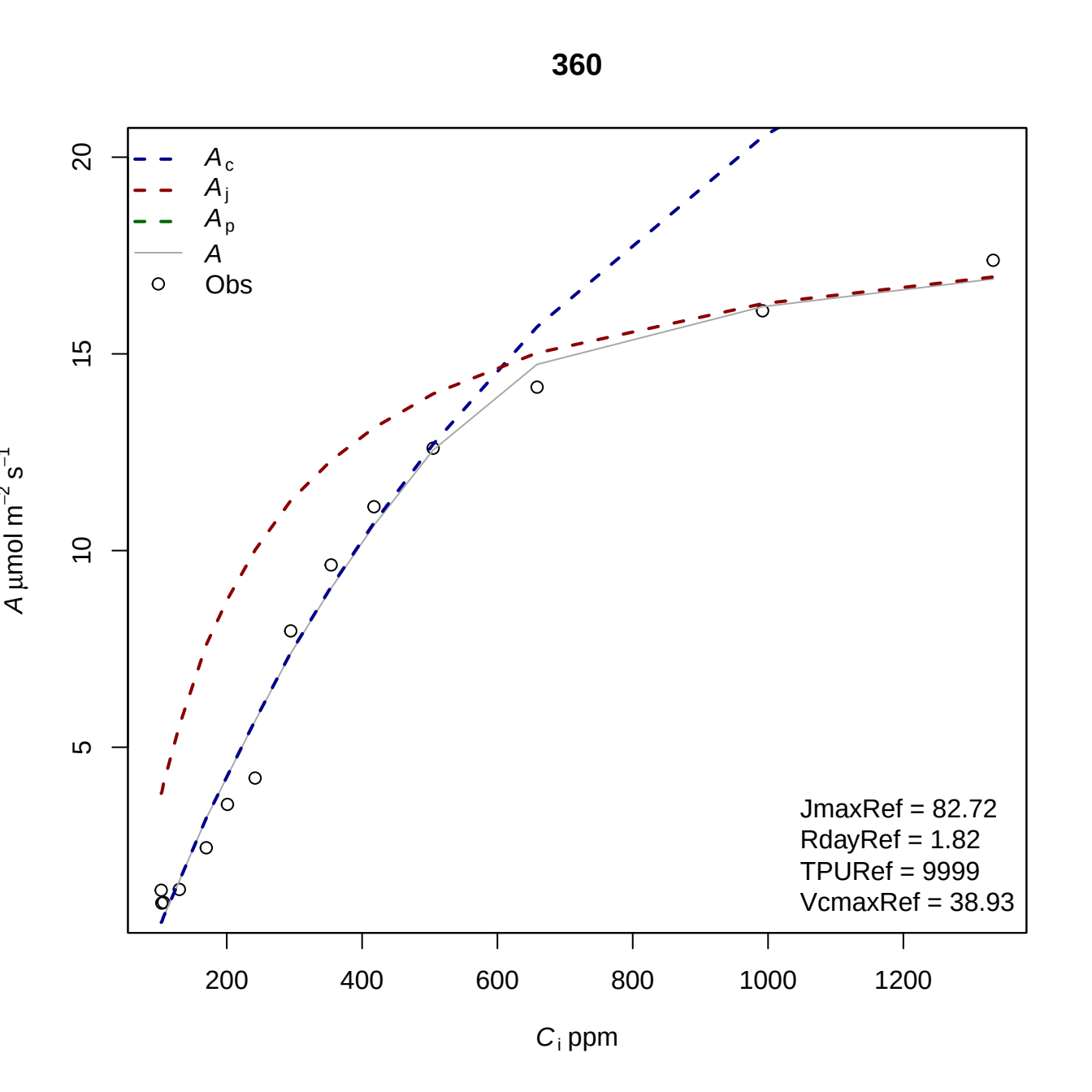

353
A_c
A_j
A_p
A
Obs
JmaxRef = 90.84
RdayRef = 1.03
TPURef = 5.04
VcmaxRef = 65.09
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
100
200
300
400
500

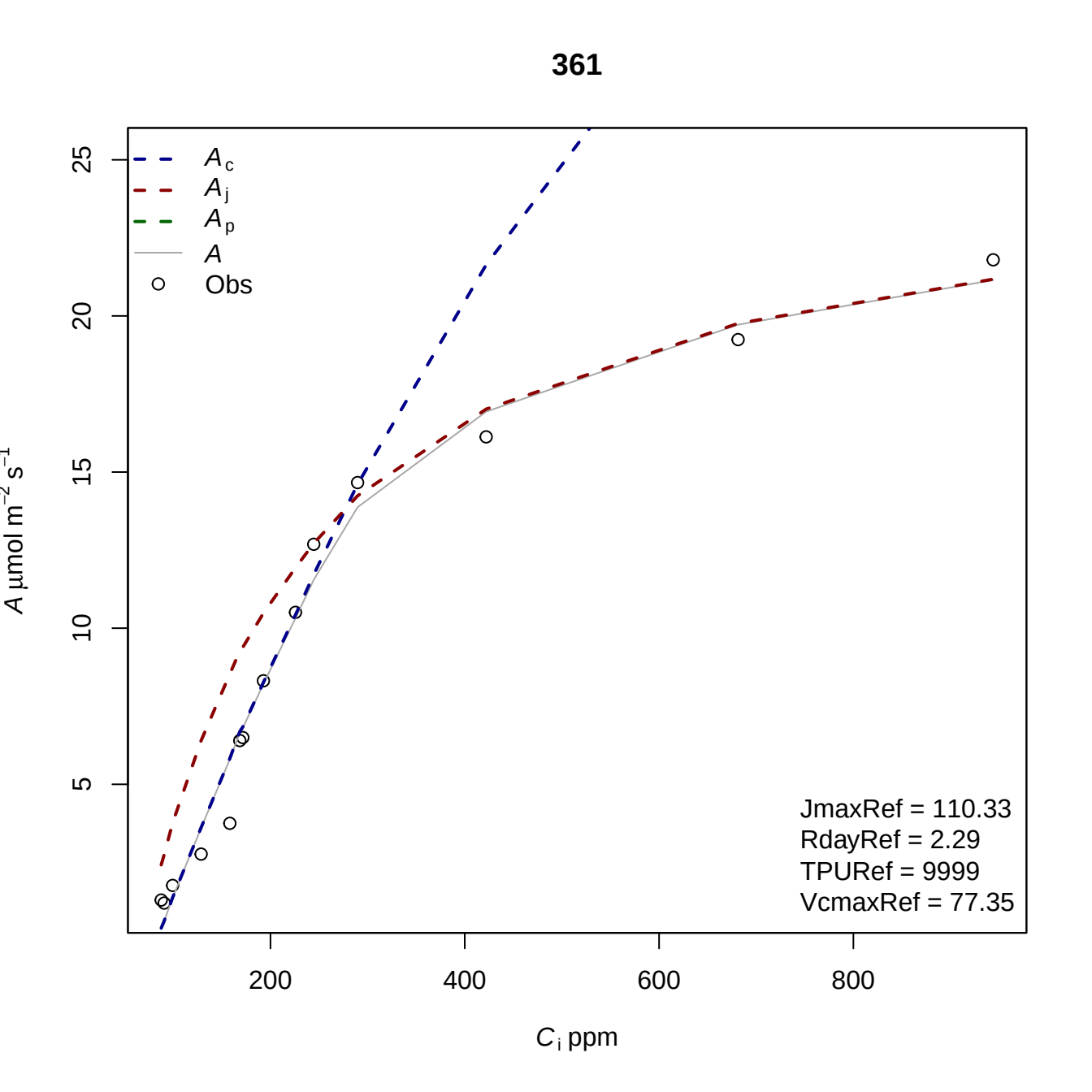

355
A_c
A_j
A_p
A
Obs
JmaxRef = 78.77
RdayRef = 1.36
TPURef = 9999
VcmaxRef = 49.53
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

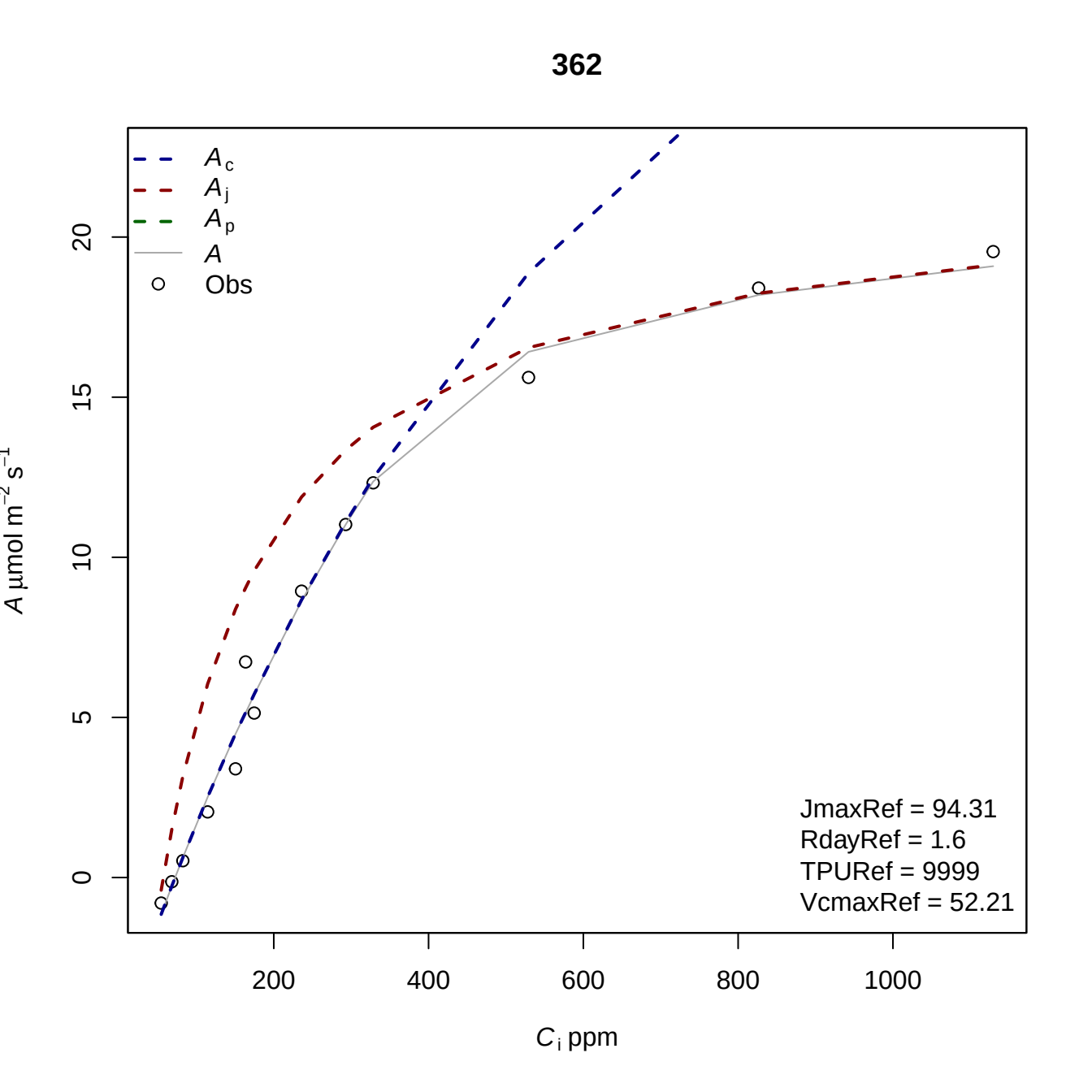

356
A_c
A_j
A_p
A
Obs
JmaxRef = 48.07
RdayRef = 1.22
TPURef = 9999
VcmaxRef = 23.49
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000

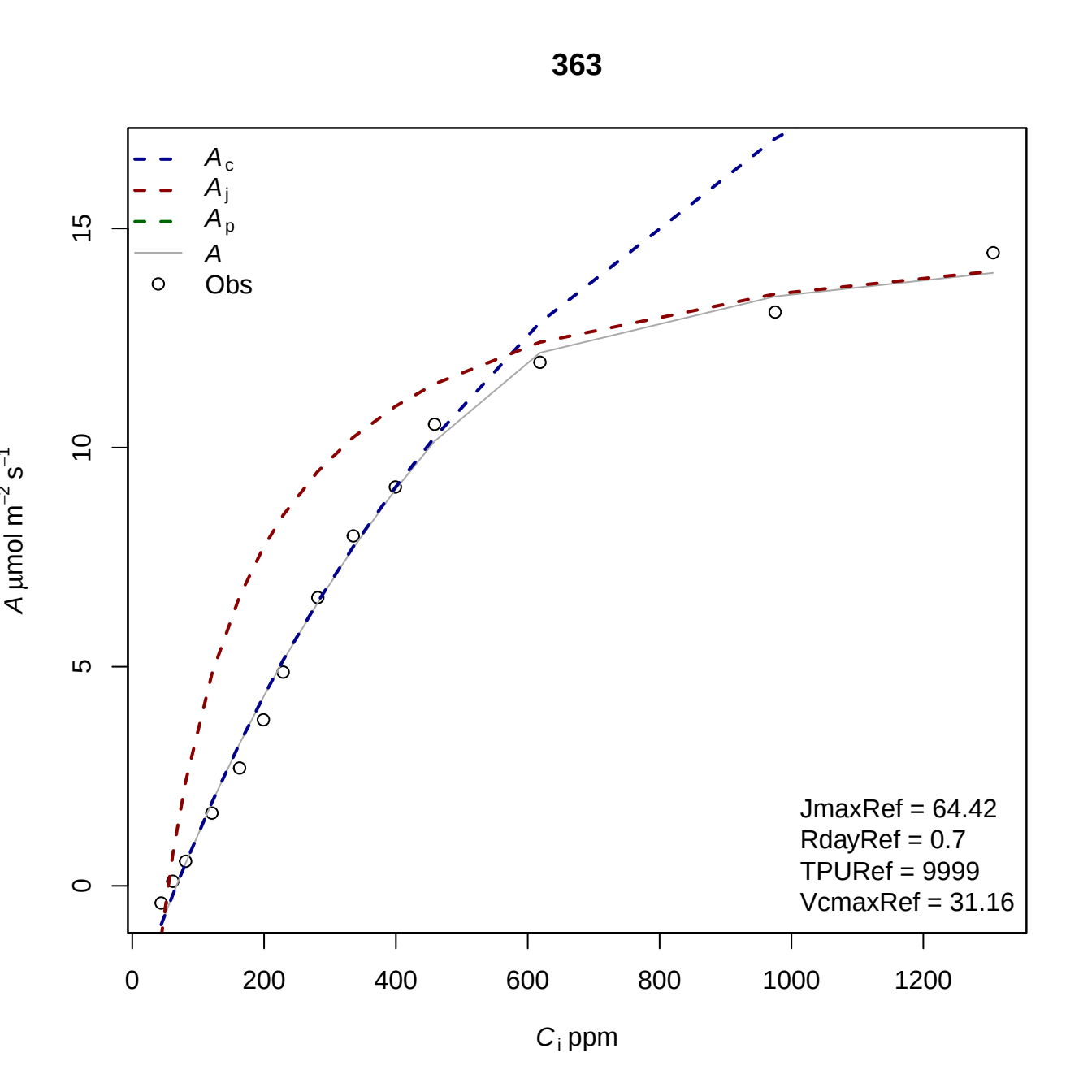

357
A_c
A_j
A_p
A
Obs
JmaxRef = 65.33
RdayRef = 1.15
TPURef = 9999
VcmaxRef = 30.12
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

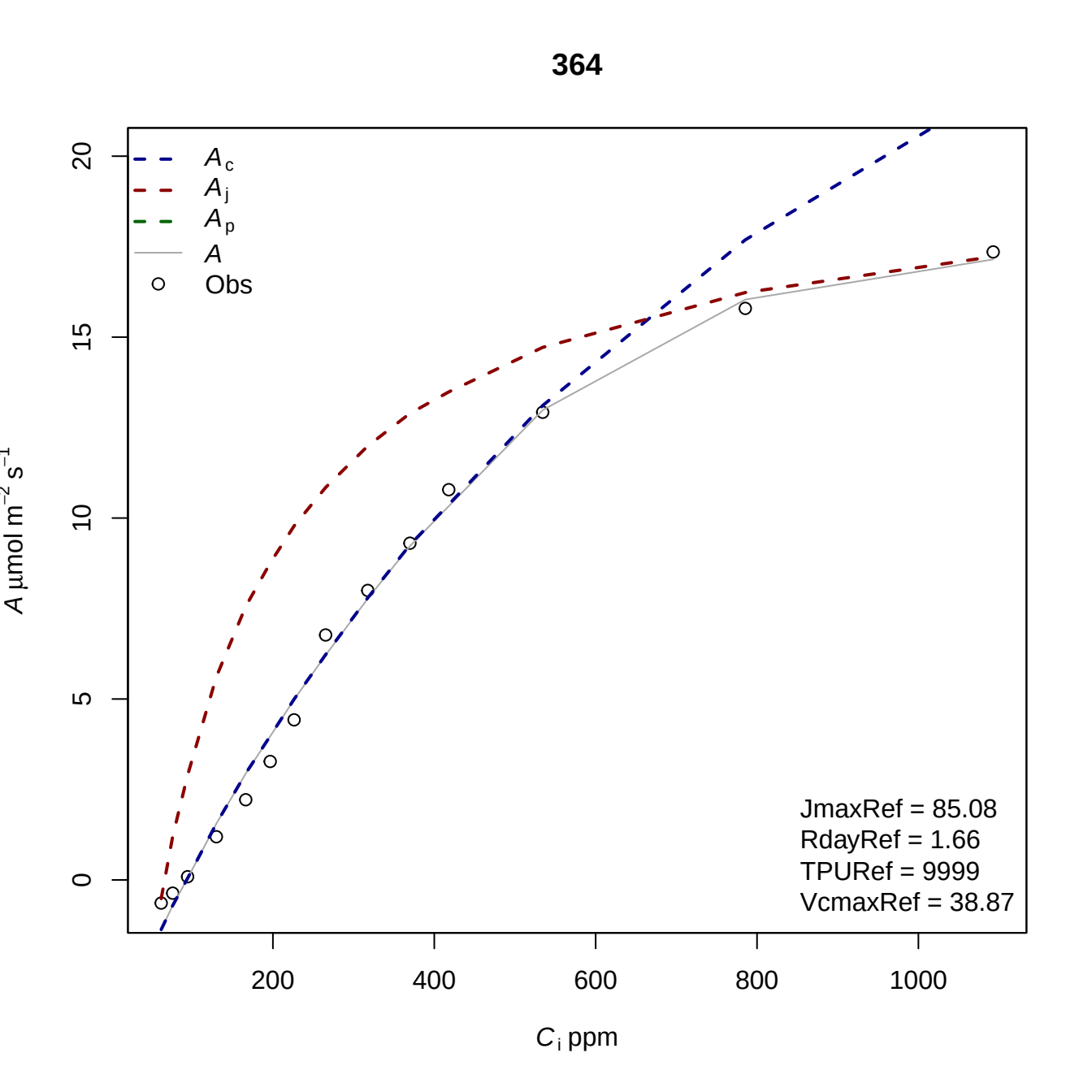

358
A_c
A_j
A_p
A
Obs
JmaxRef = 106.59
RdayRef = −1.38
TPURef = 6.61
VcmaxRef = 82.84
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
200
400
600
800
1000

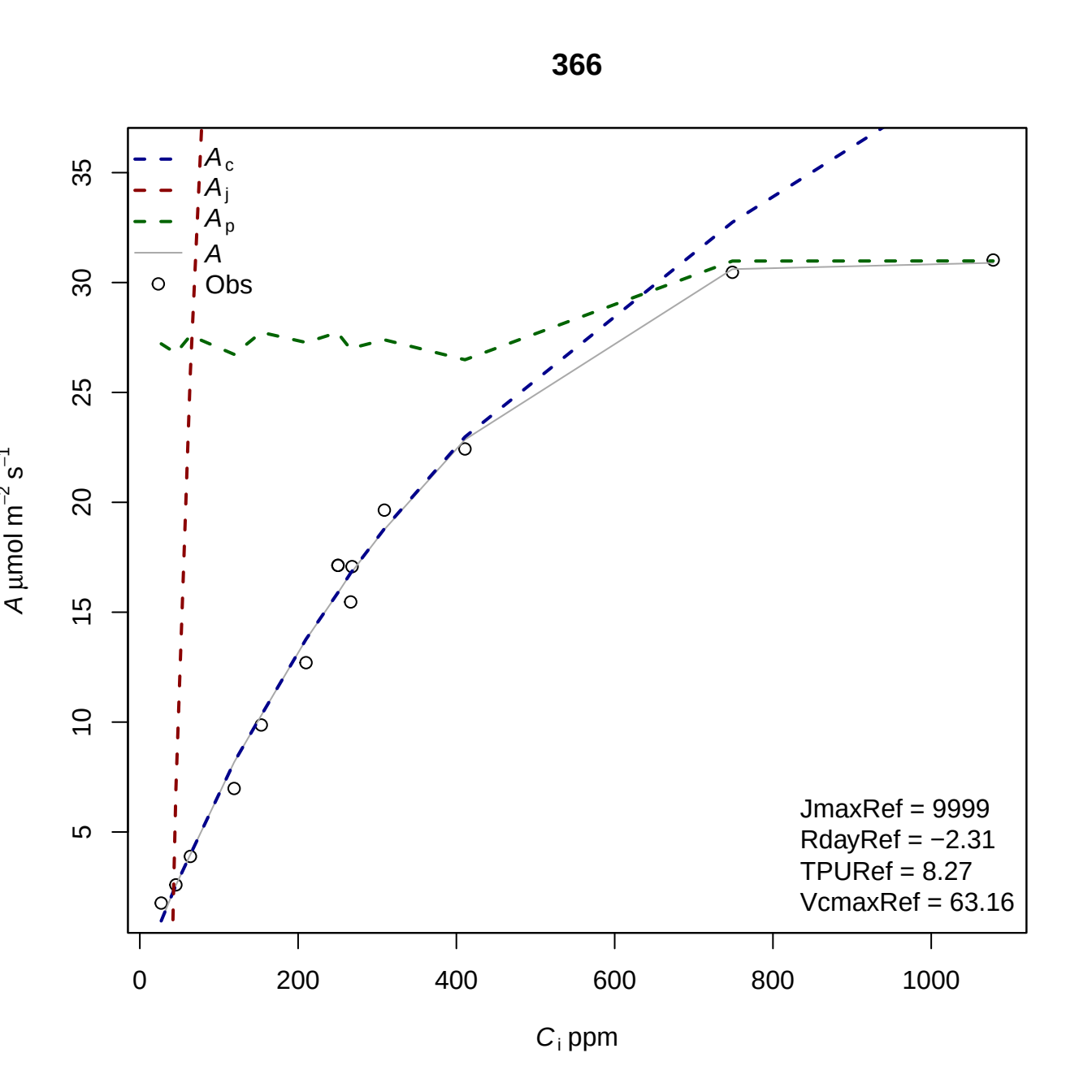

360
A_c
A_j
A_p
A
Obs
JmaxRef = 82.72
RdayRef = 1.82
TPURef = 9999
VcmaxRef = 38.93
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
200
400
600
800
1000
1200

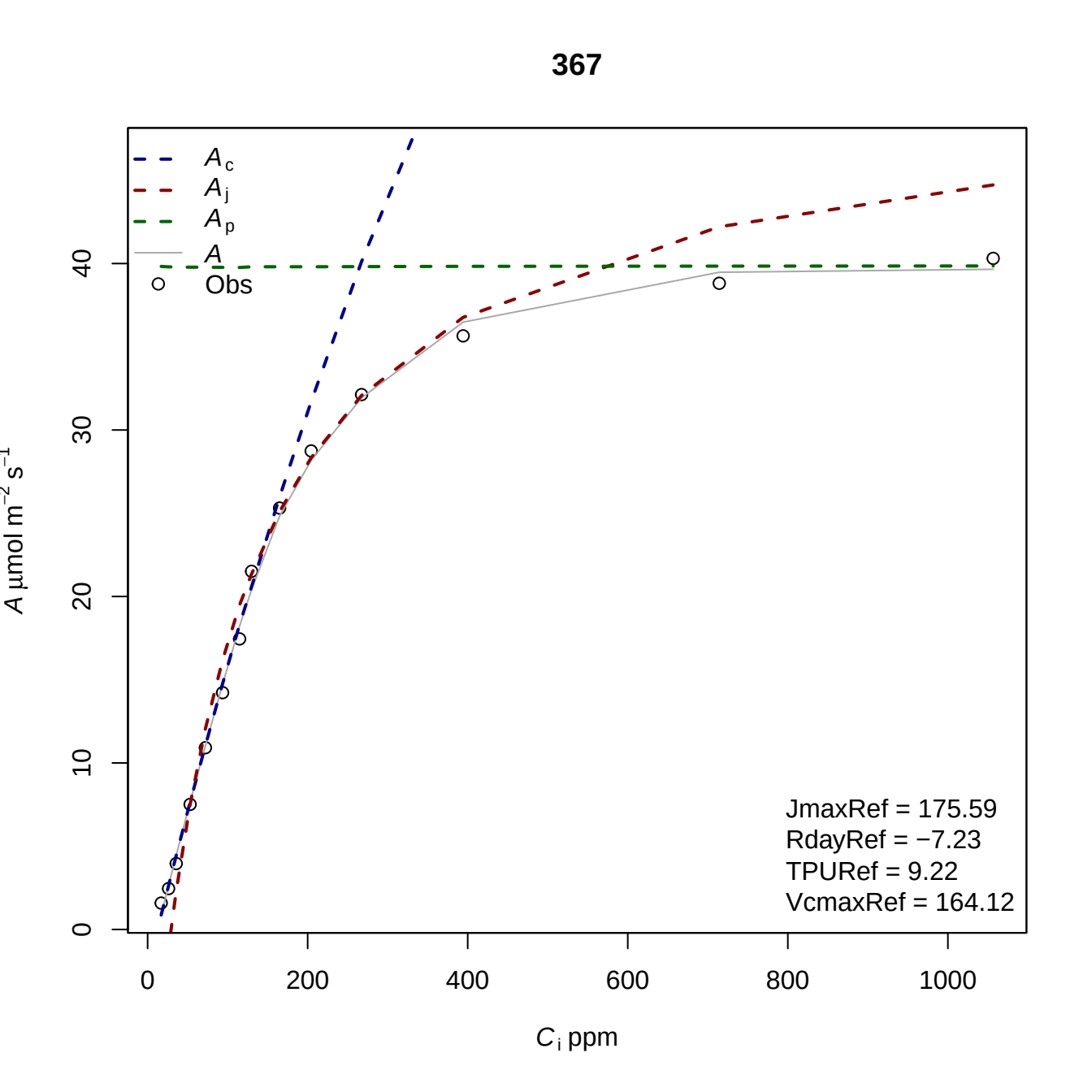

361
A_c
A_j
A_p
A
Obs
JmaxRef = 110.33
RdayRef = 2.29
TPURef = 9999
VcmaxRef = 77.35
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
200
400
600
800

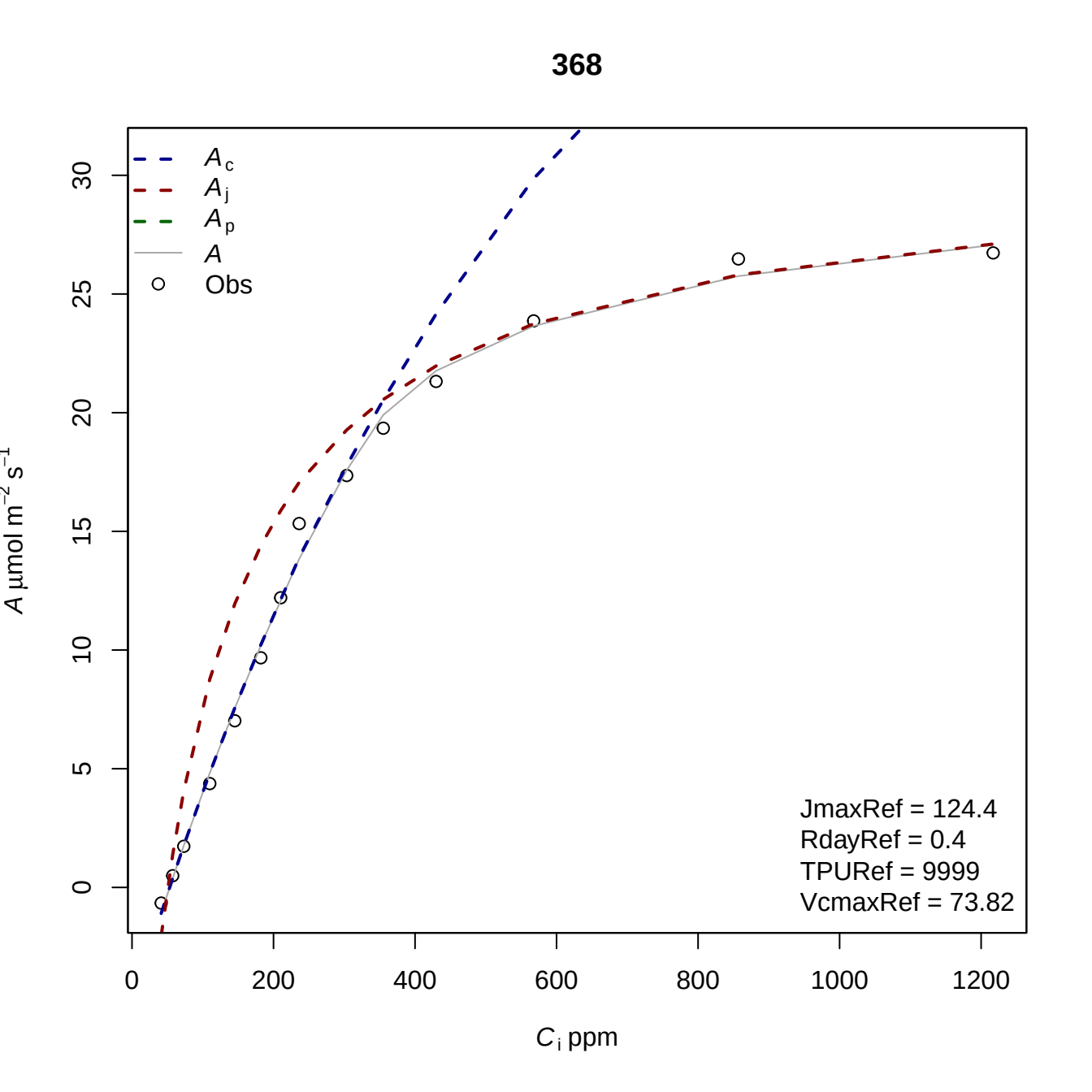

362
A_c
A_j
A_p
A
Obs
JmaxRef = 94.31
RdayRef = 1.6
TPURef = 9999
VcmaxRef = 52.21
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

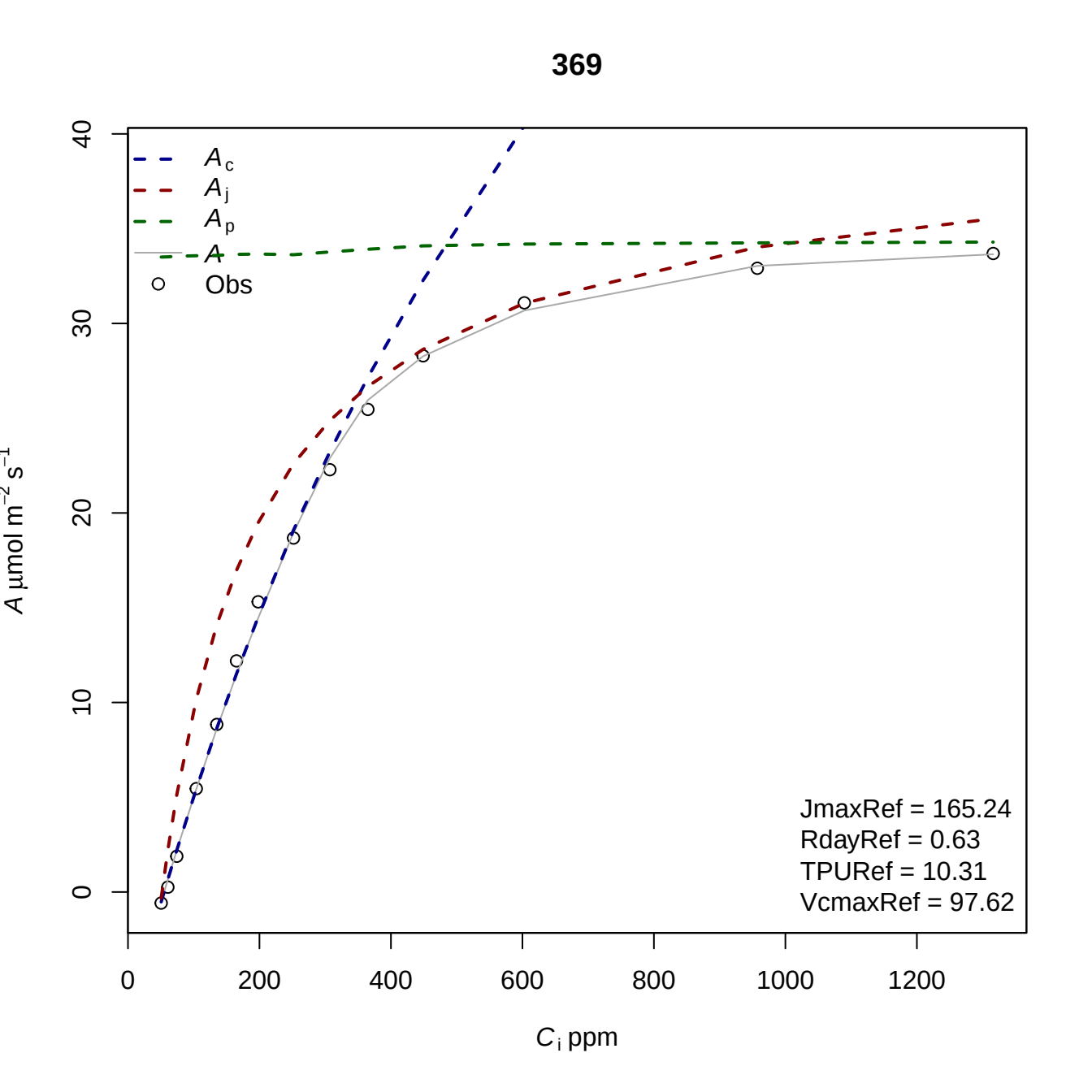

363
A_c
A_j
A_p
A
Obs
JmaxRef = 64.42
RdayRef = 0.7
TPURef = 9999
VcmaxRef = 31.16
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200

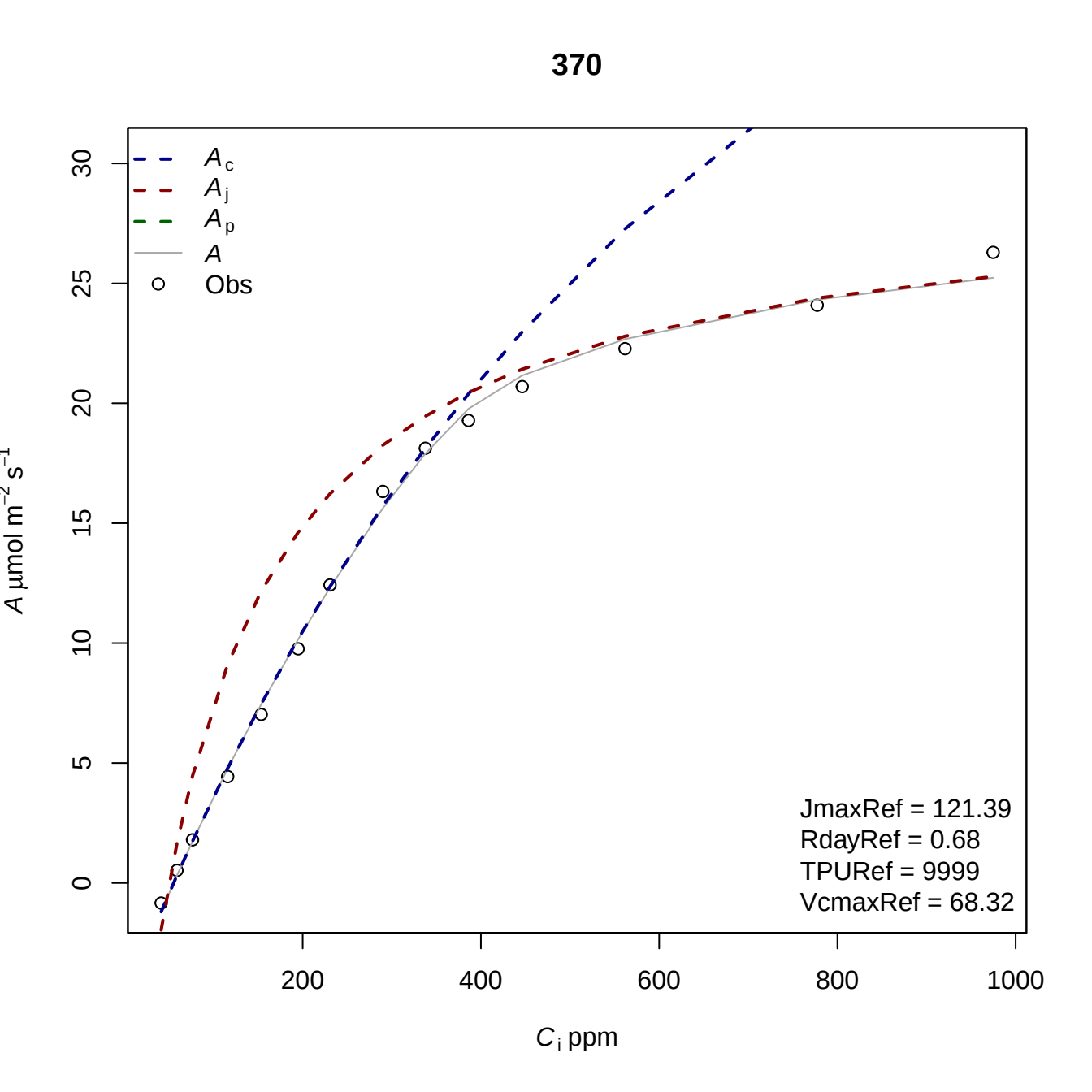

364
A_c
A_j
A_p
A
Obs
JmaxRef = 85.08
RdayRef = 1.66
TPURef = 9999
VcmaxRef = 38.87
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

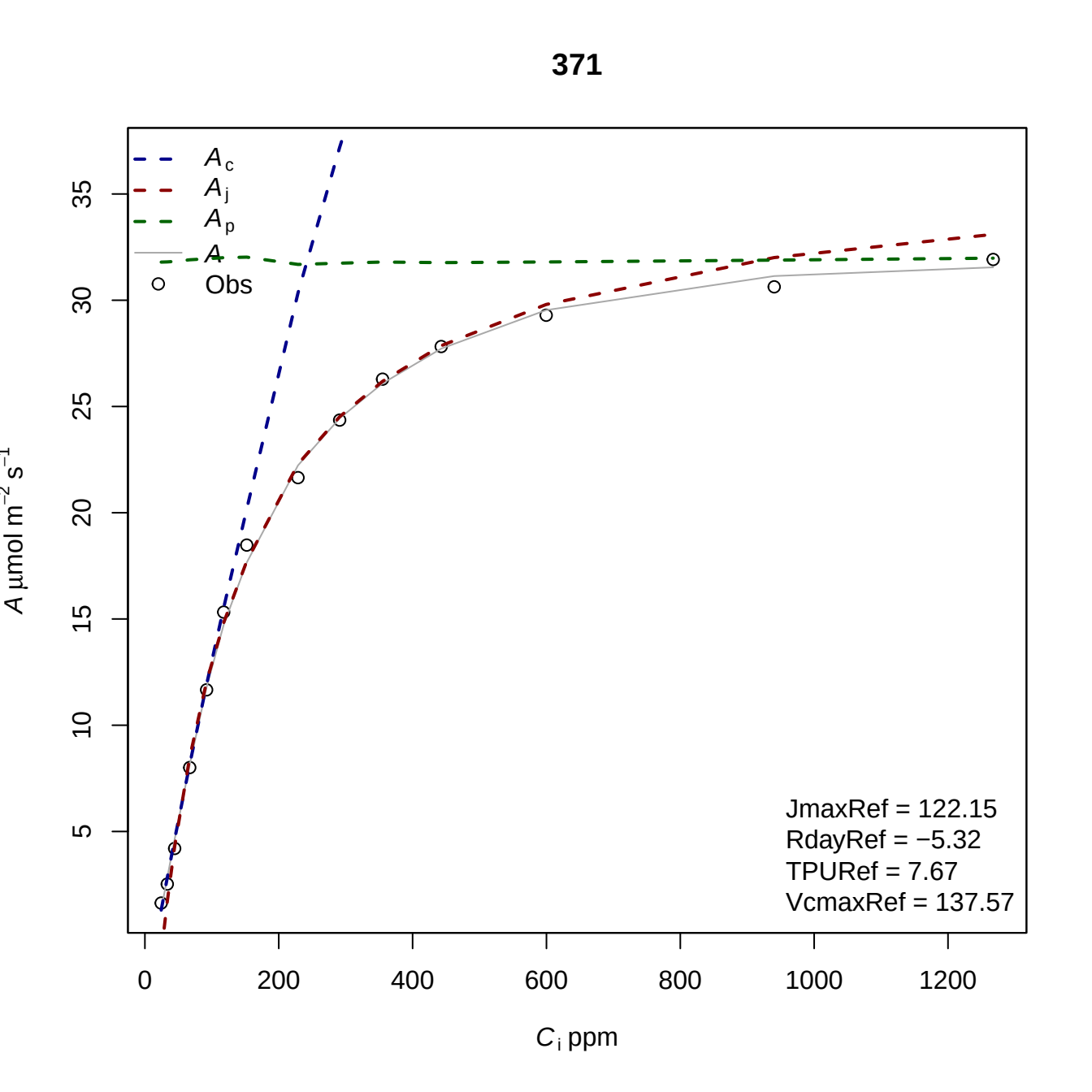

366
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = −2.31
TPURef = 8.27
VcmaxRef = 63.16
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
30
35
0
200
400
600
800
1000

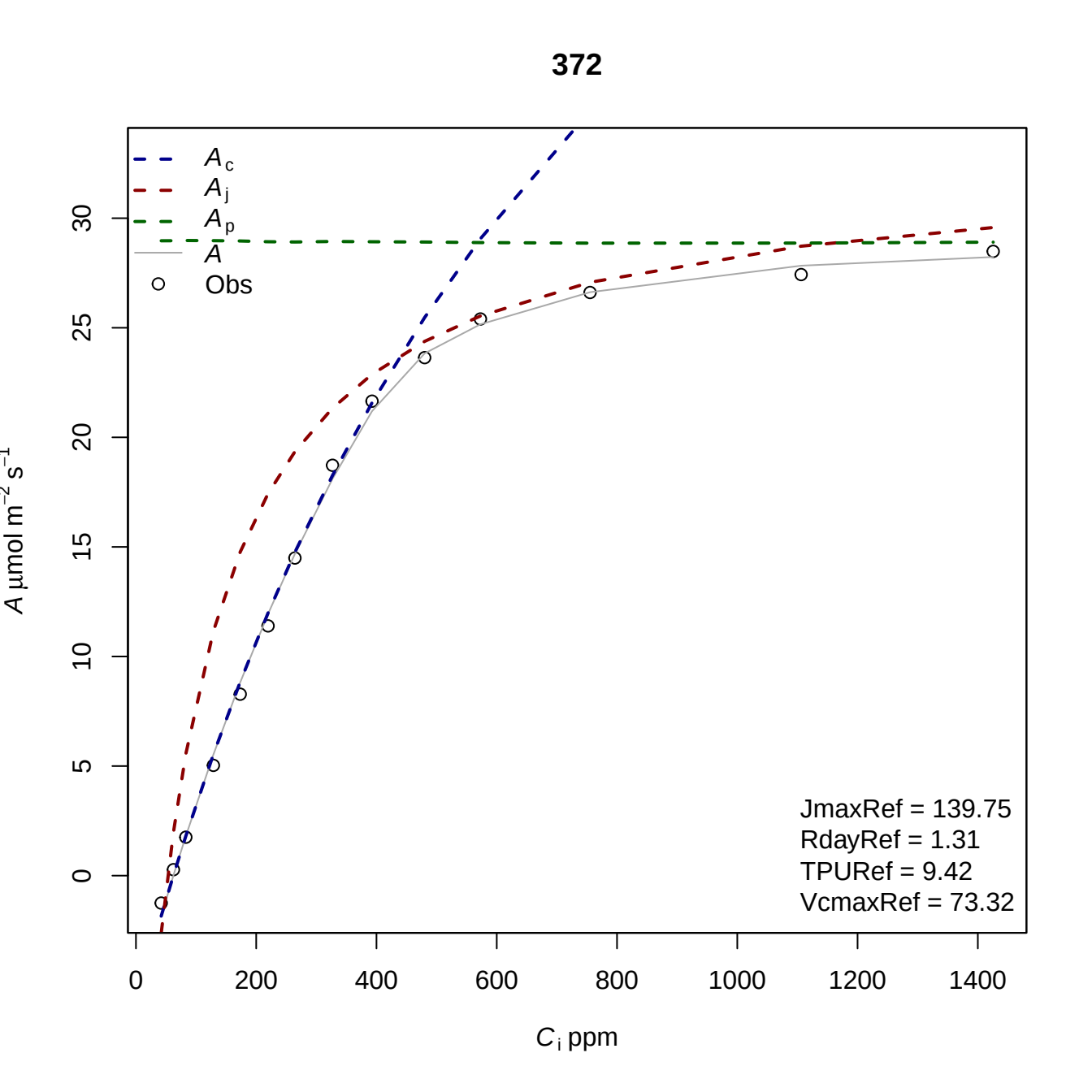

367
A_c
A_j
A_p
A
Obs
JmaxRef = 175.59
RdayRef = −7.23
TPURef = 9.22
VcmaxRef = 164.12
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000

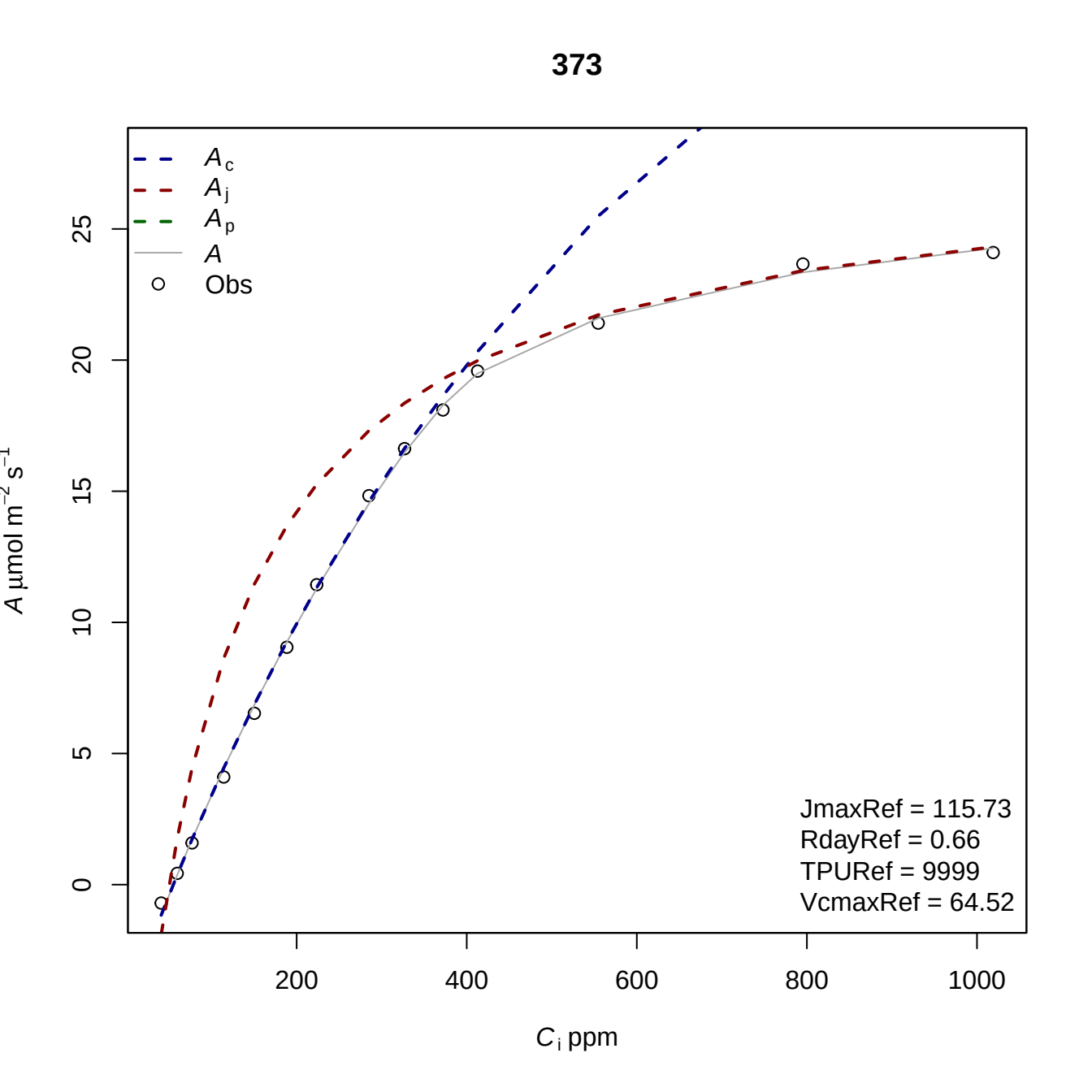

368
A_c
A_j
A_p
A
Obs
JmaxRef = 124.4
RdayRef = 0.4
TPURef = 9999
VcmaxRef = 73.82
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

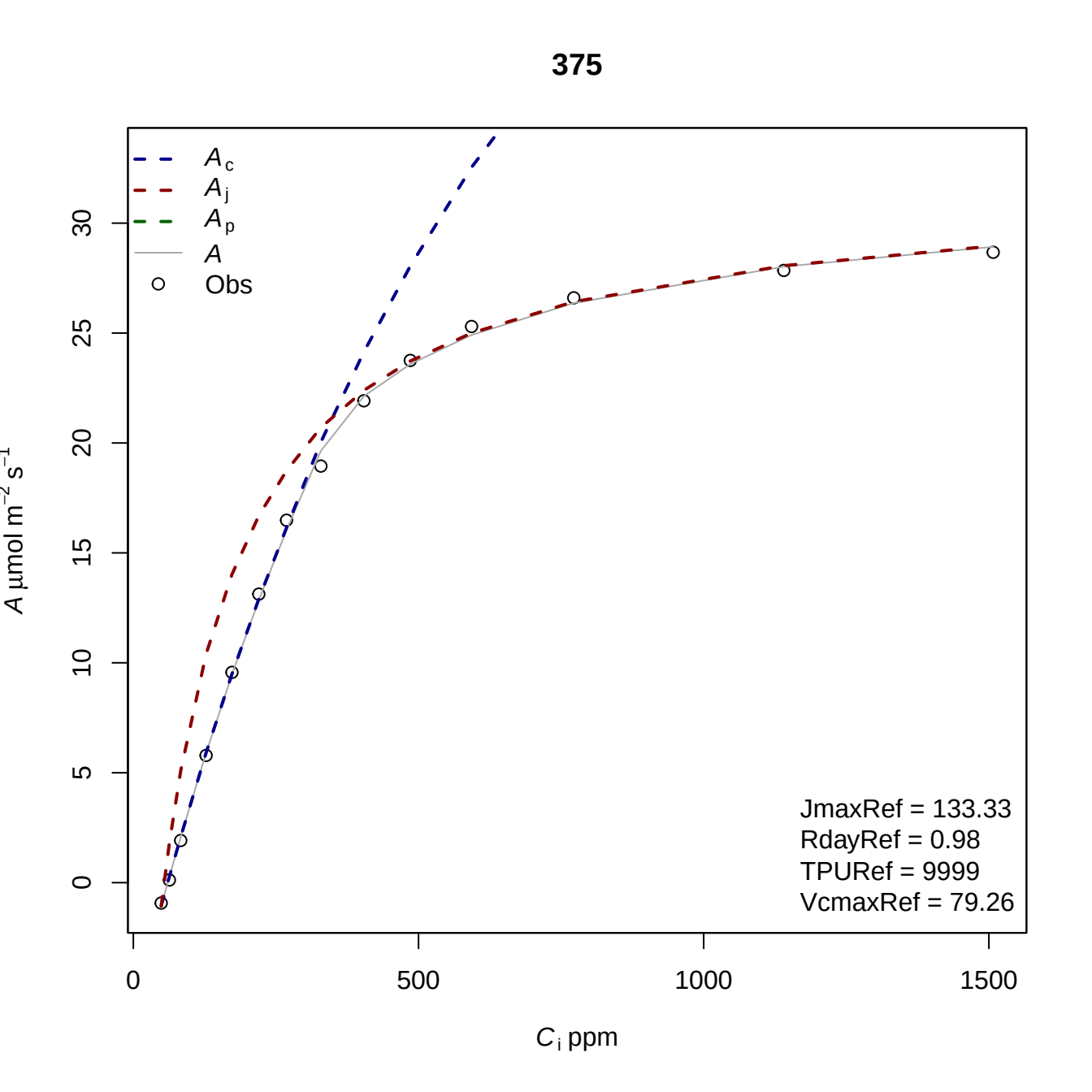

369
A_c
A_j
A_p
A
Obs
JmaxRef = 165.24
RdayRef = 0.63
TPURef = 10.31
VcmaxRef = 97.62
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000
1200

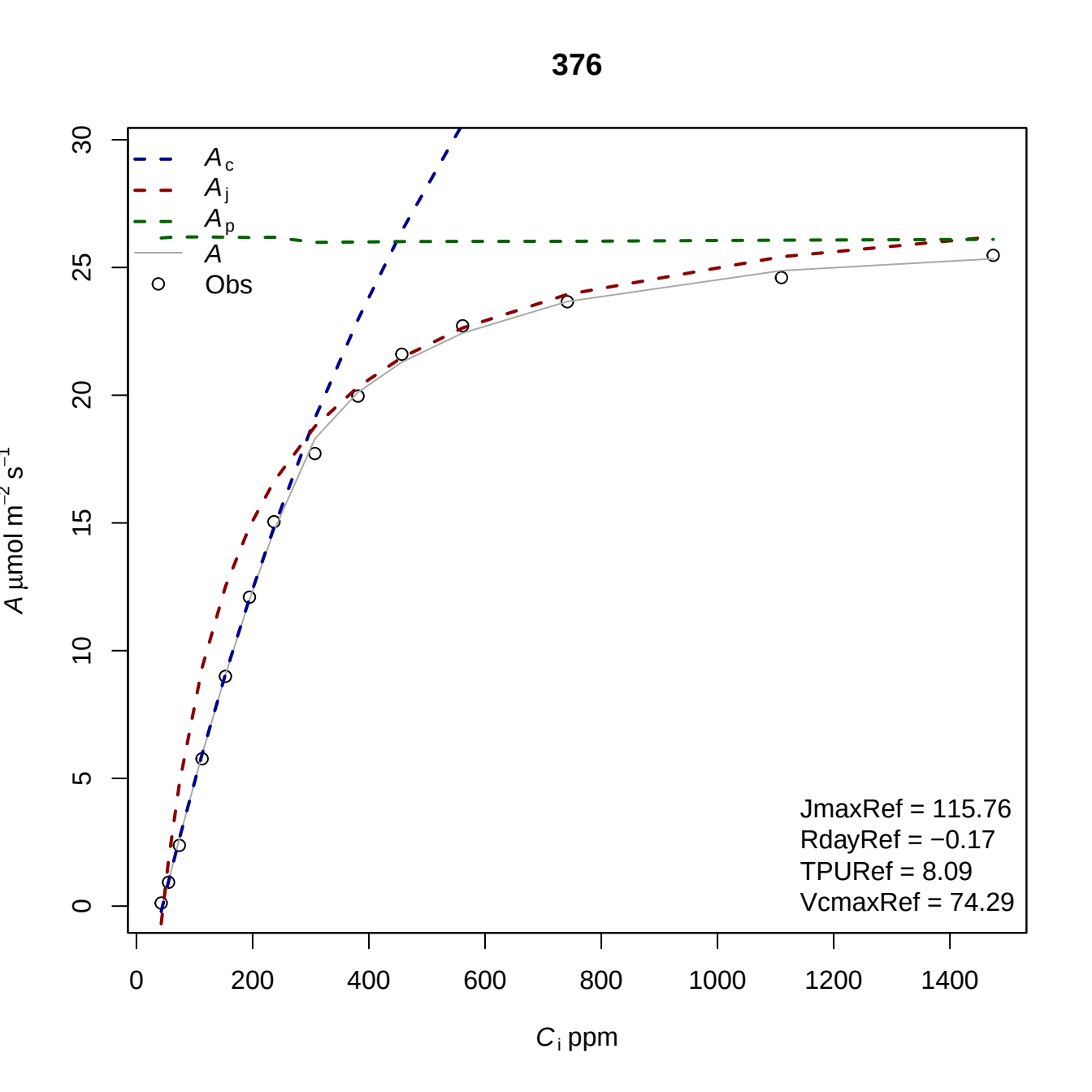

370
A_c
A_j
A_p
A
Obs
JmaxRef = 121.39
RdayRef = 0.68
TPURef = 9999
VcmaxRef = 68.32
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000

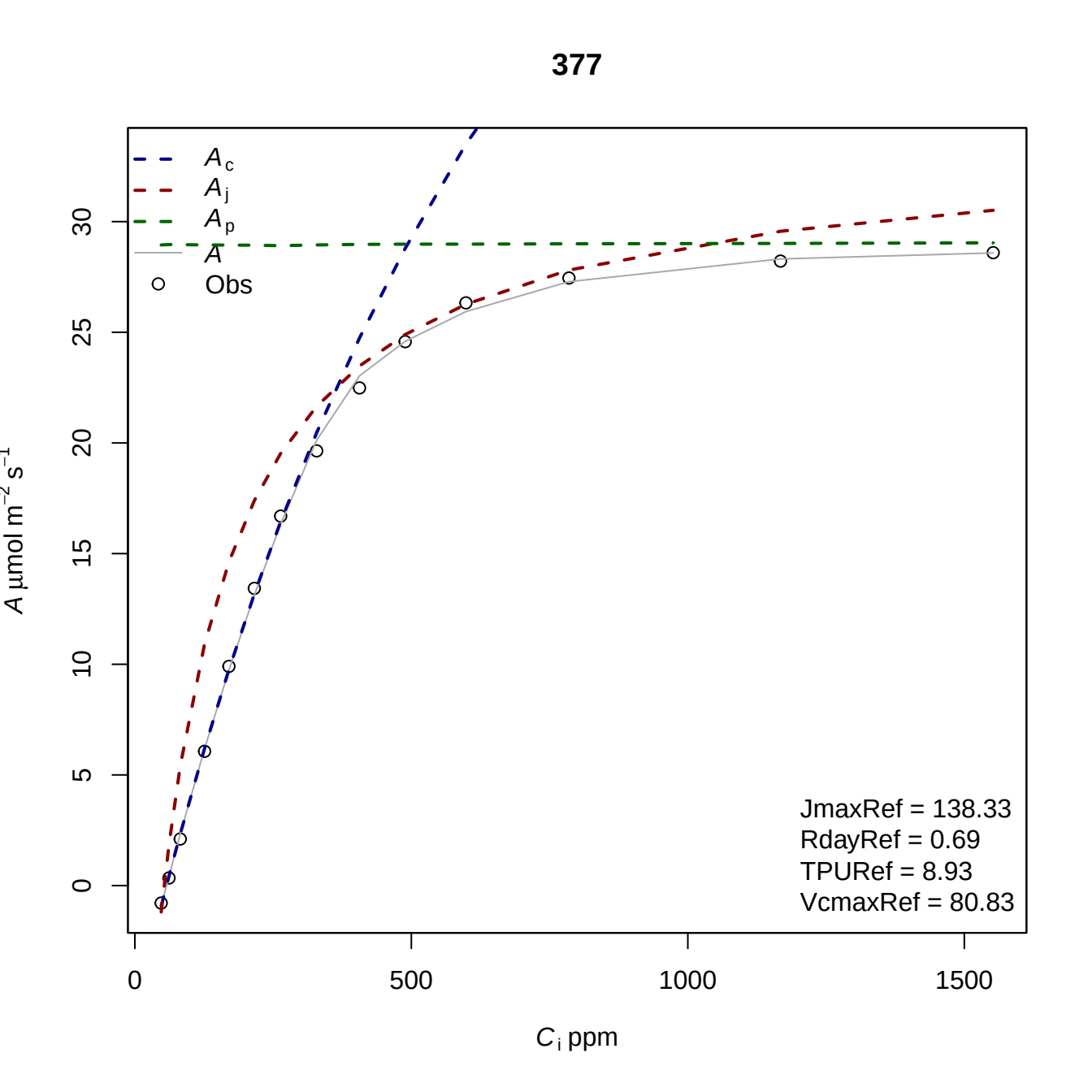

371
A_c
A_j
A_p
A
Obs
JmaxRef = 122.15
RdayRef = −5.32
TPURef = 7.67
VcmaxRef = 137.57
A µmol m^{-2} s^{-1}
C_i ppm
0
200
400
600
800
1000
1200
5
10
15
20
25
30
35

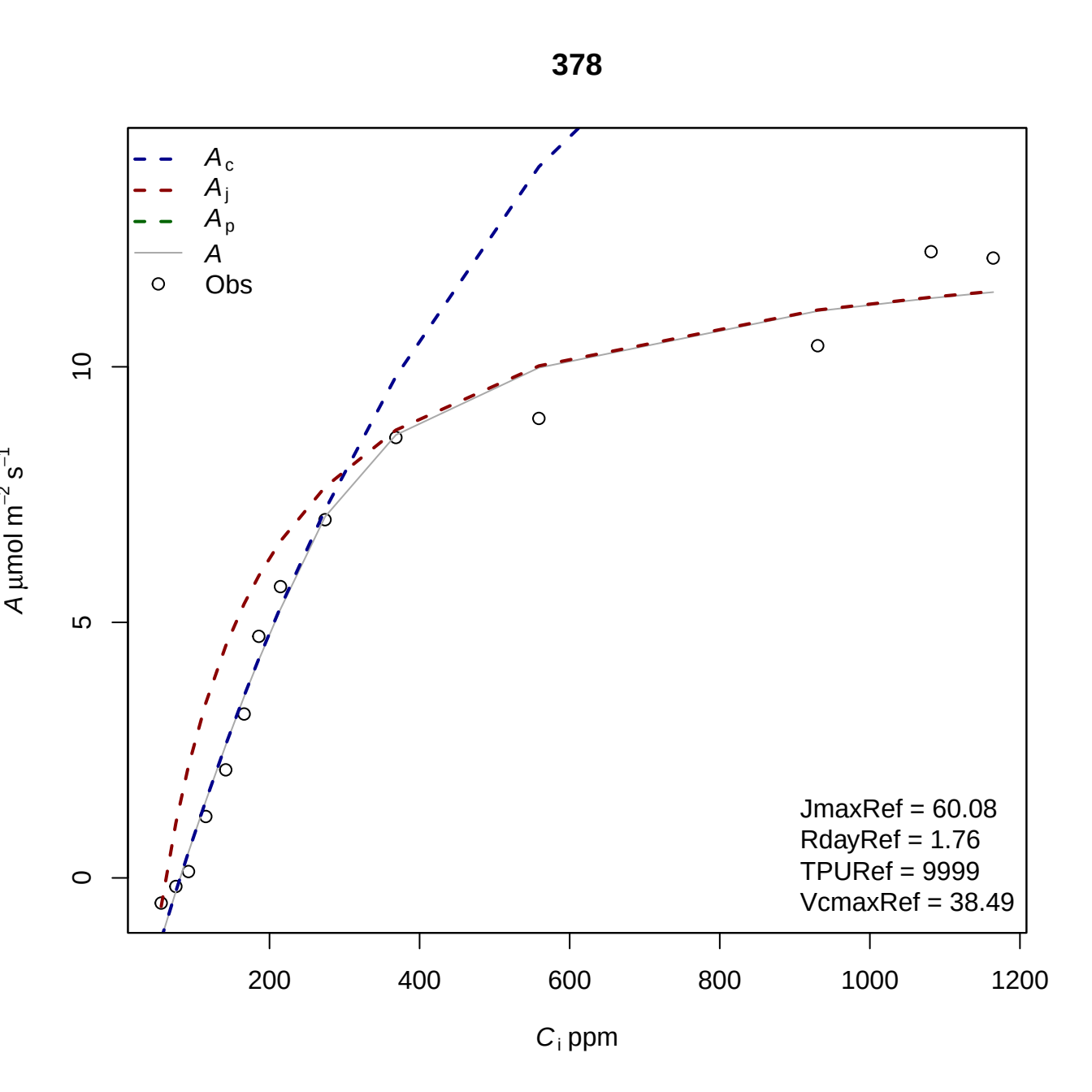

372
A_c
A_j
A_p
A
Obs
JmaxRef = 139.75
RdayRef = 1.31
TPURef = 9.42
VcmaxRef = 73.32
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

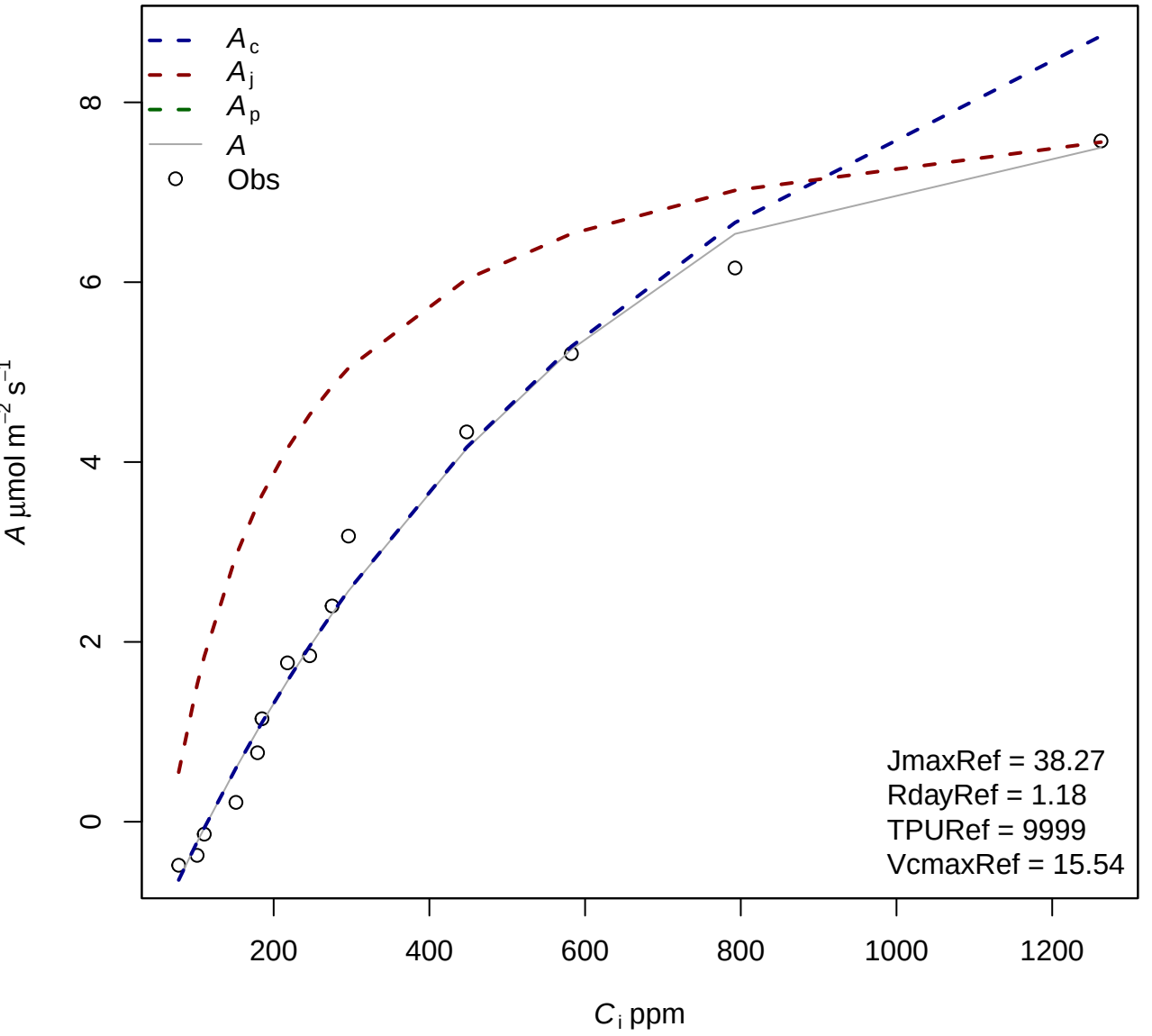

373
A_c
A_j
A_p
A
Obs
JmaxRef = 115.73
RdayRef = 0.66
TPURef = 9999
VcmaxRef = 64.52
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000

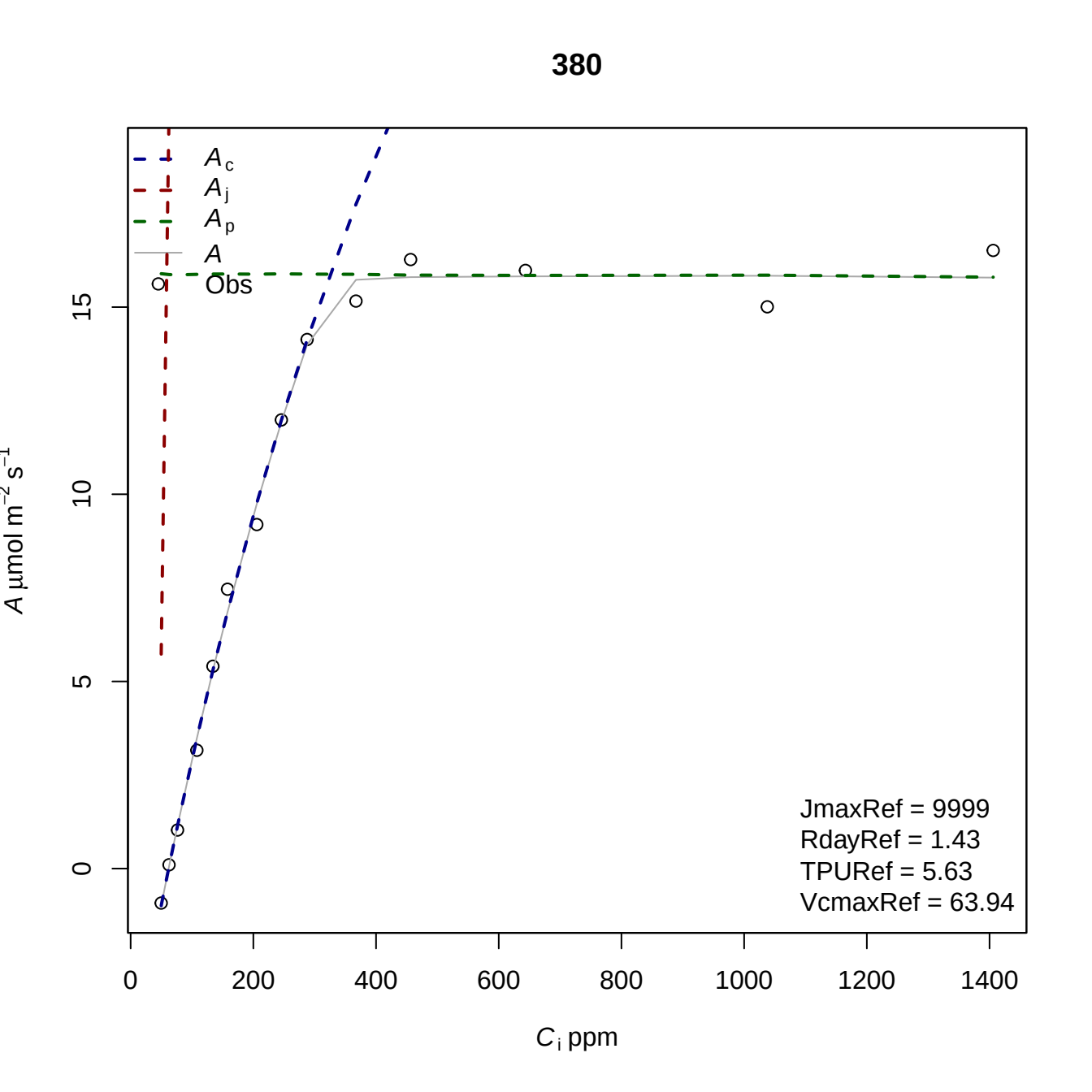

375
A_c
A_j
A_p
A
Obs
JmaxRef = 133.33
RdayRef = 0.98
TPURef = 9999
VcmaxRef = 79.26
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

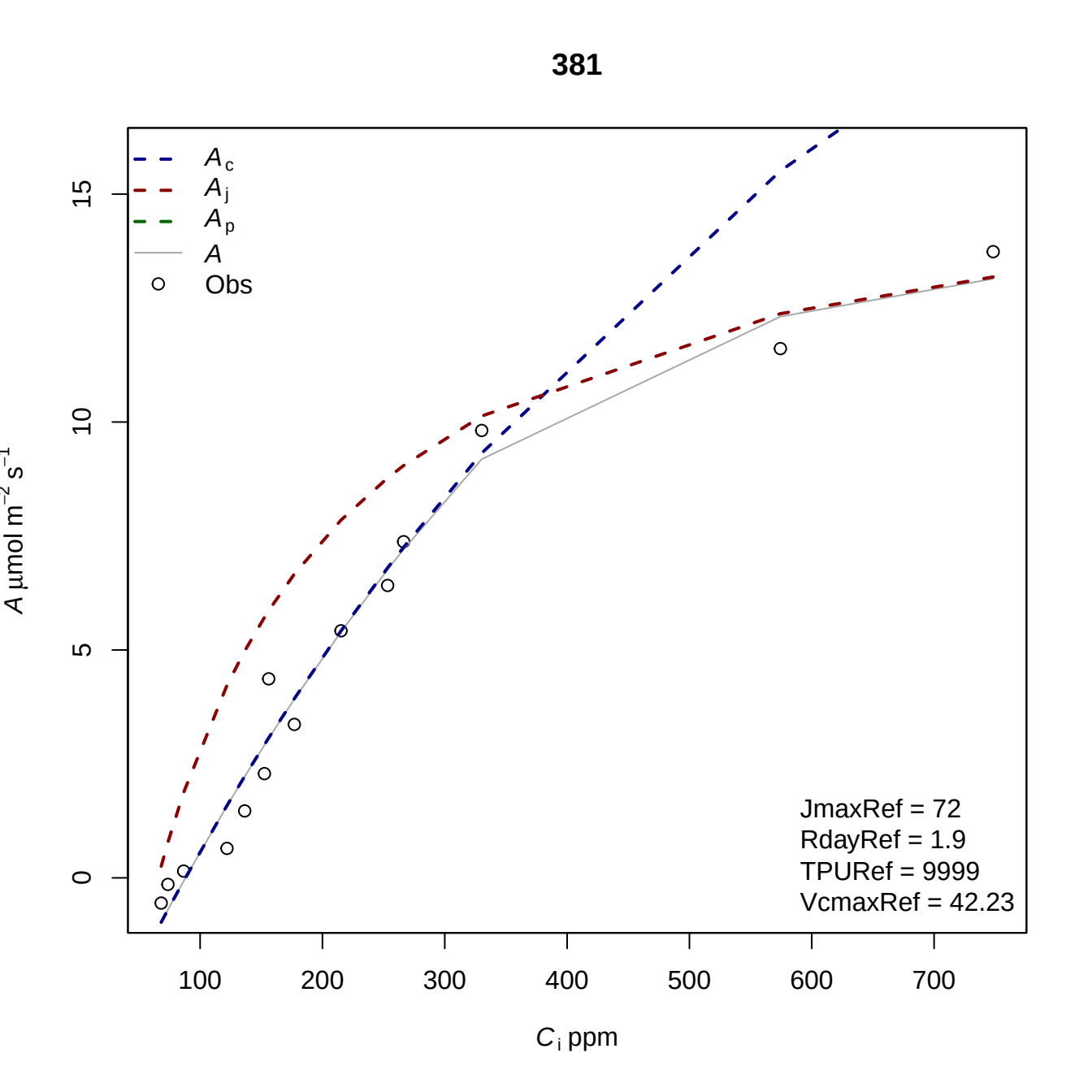

376
A_c
A_j
A_p
A
Obs
JmaxRef = 115.76
RdayRef = −0.17
TPURef = 8.09
VcmaxRef = 74.29
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400


377
A_c
A_j
A_p
A
Obs
JmaxRef = 138.33
RdayRef = 0.69
TPURef = 8.93
VcmaxRef = 80.83
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

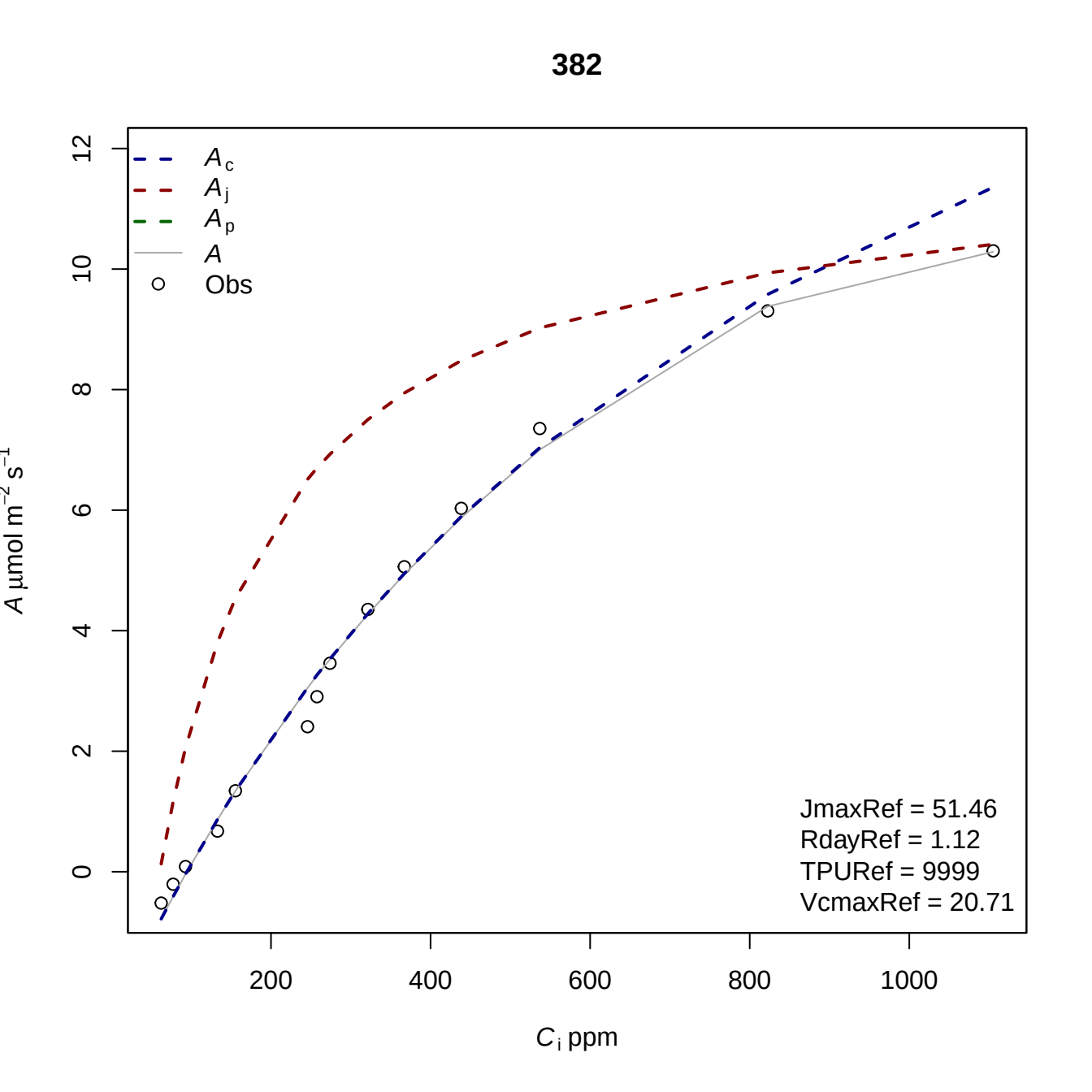

378
A_c
A_j
A_p
A
Obs
JmaxRef = 60.08
RdayRef = 1.76
TPURef = 9999
VcmaxRef = 38.49
A µmol m^{-2} s^{-1}
0
5
10
200
400
600
800
1000
1200
C_i ppm

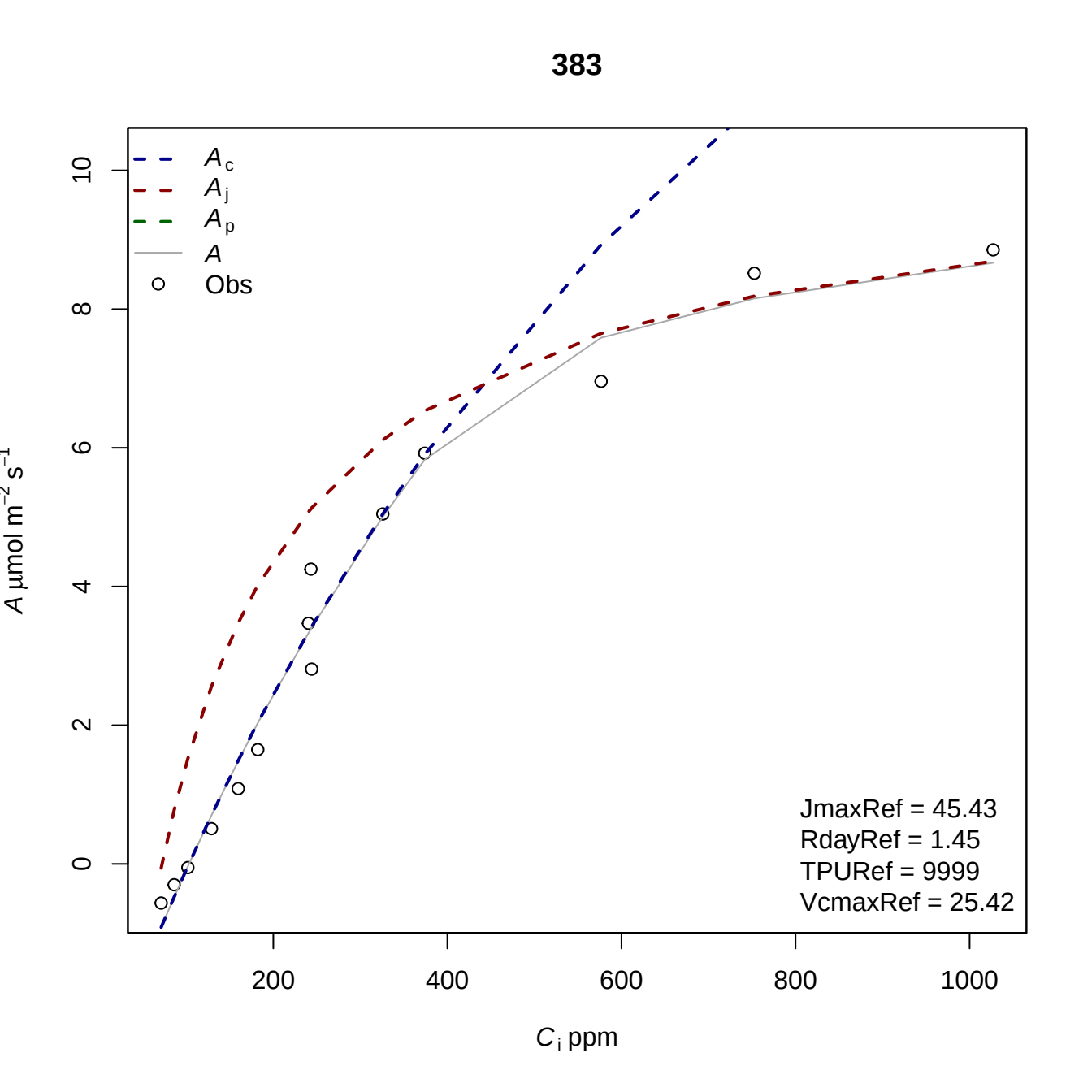

A_c
A_j
A_p
A
Obs
JmaxRef = 38.27
RdayRef = 1.18
TPURef = 9999
VcmaxRef = 15.54
0
2
4
6
8
200
400
600
800
1000
1200
A µmol m^{-2} s^{-1}
C_i ppm

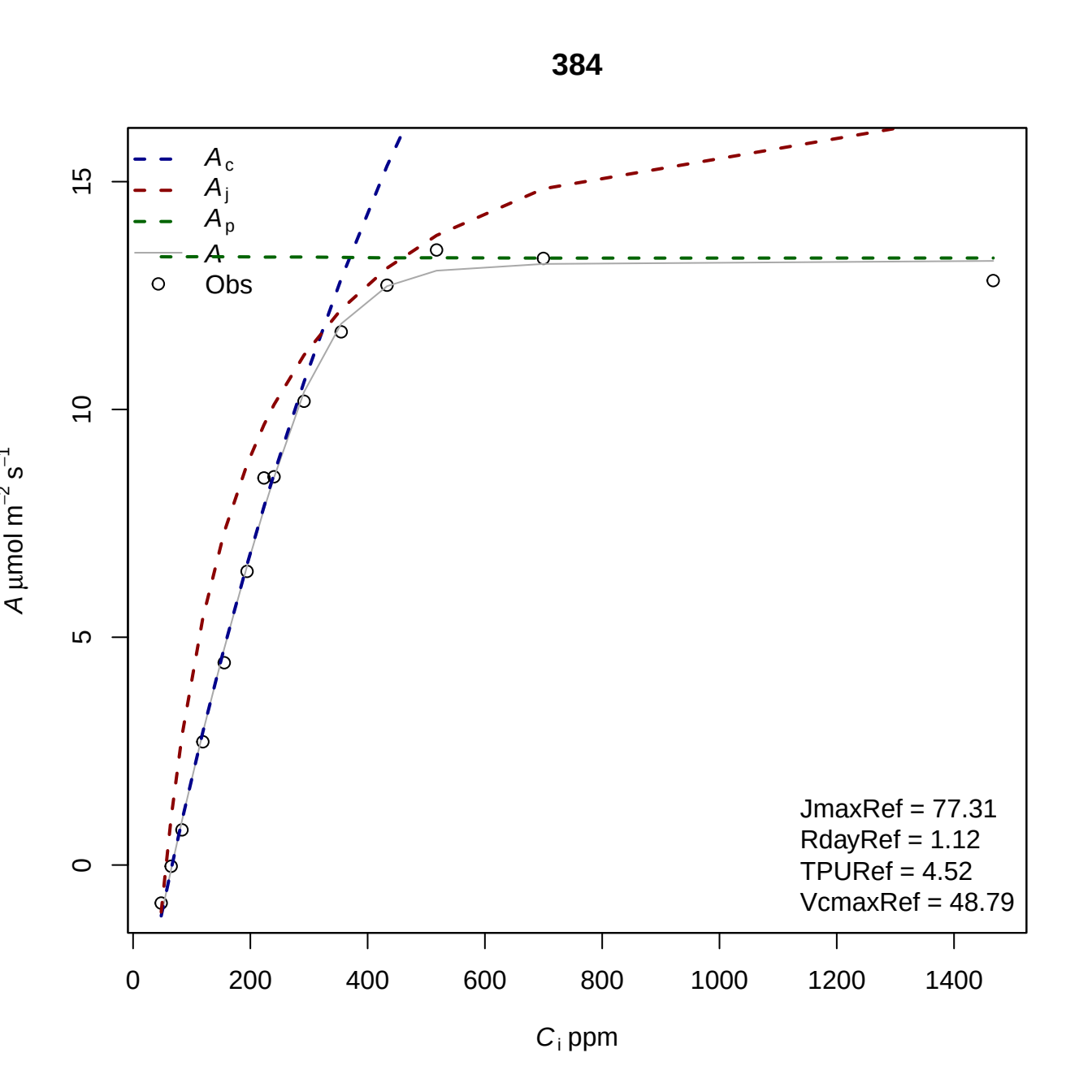

380
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.43
TPURef = 5.63
VcmaxRef = 63.94
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

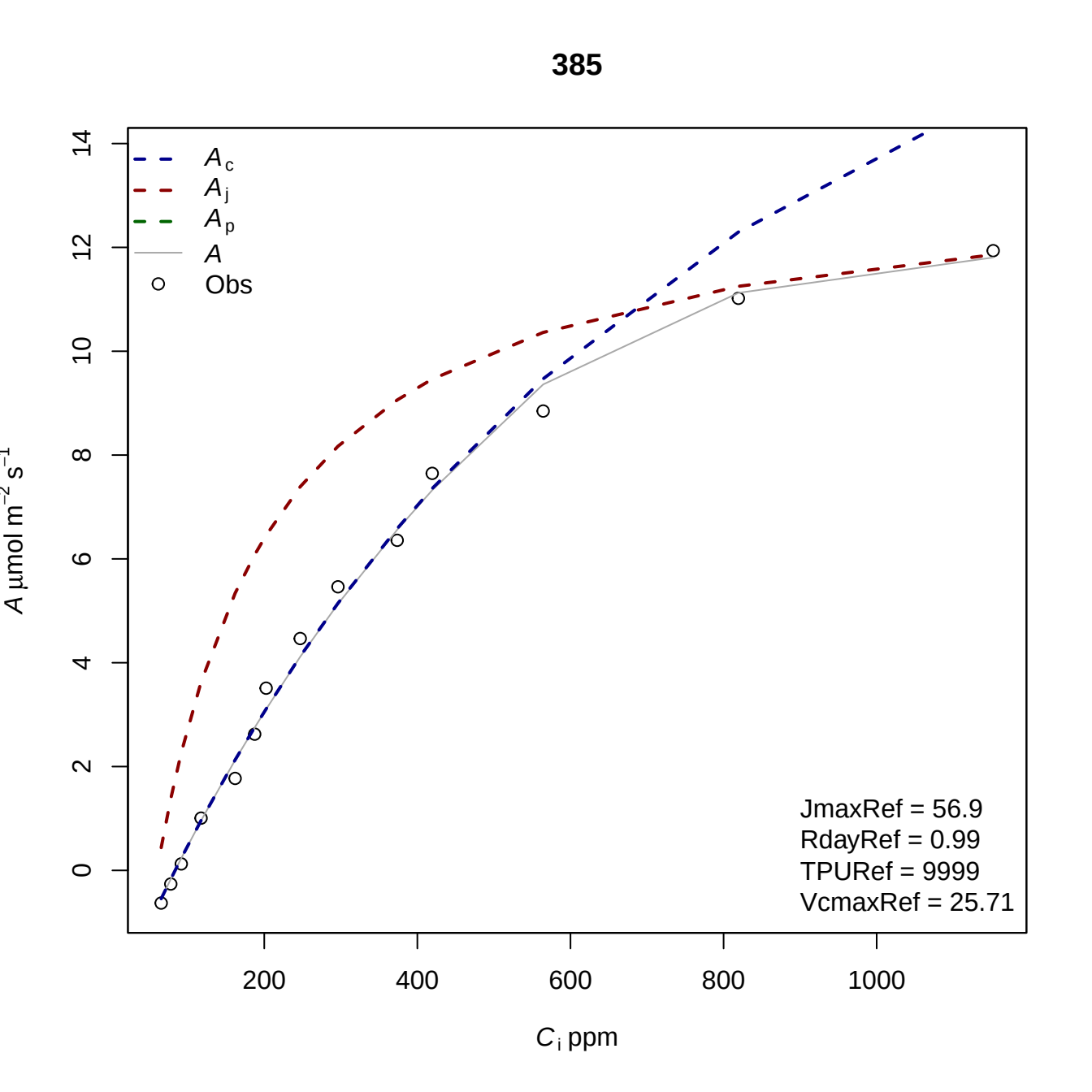


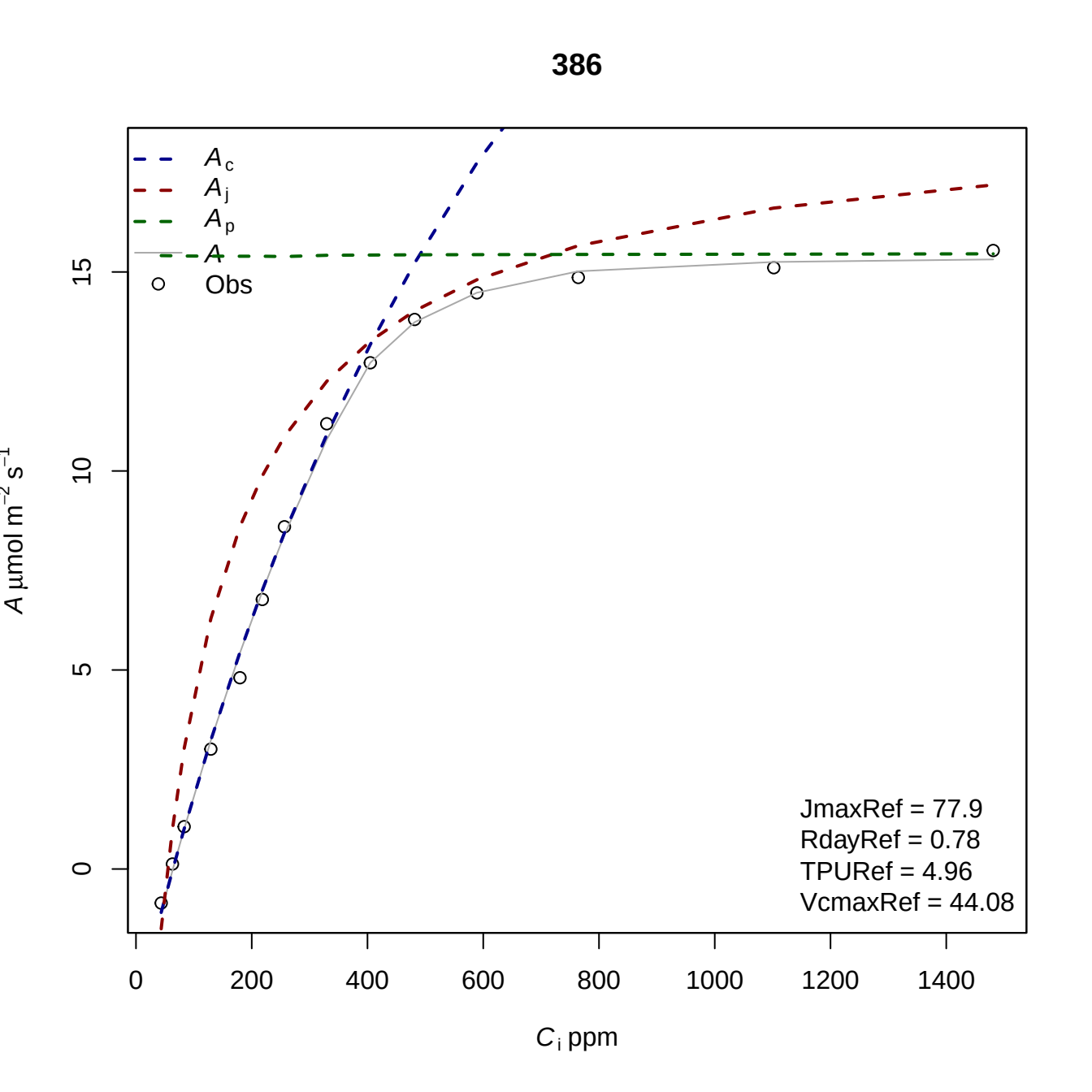
381
A_c
A_j
A_p
A
Obs
JmaxRef = 72
RdayRef = 1.9
TPURef = 9999
VcmaxRef = 42.23
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
100
200
300
400
500
600
700

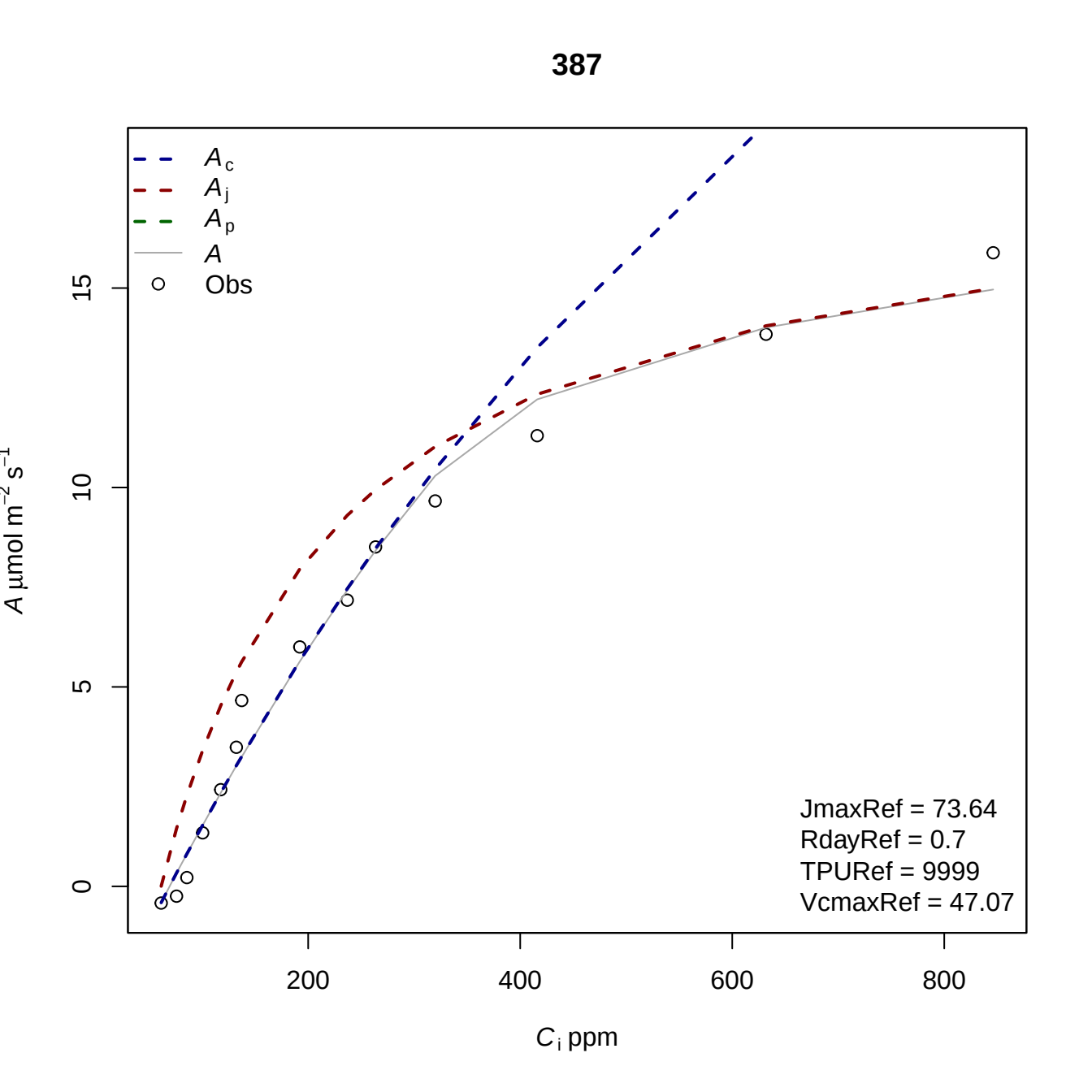

382
A_c
A_j
A_p
A
Obs
JmaxRef = 51.46
RdayRef = 1.12
TPURef = 9999
VcmaxRef = 20.71
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000

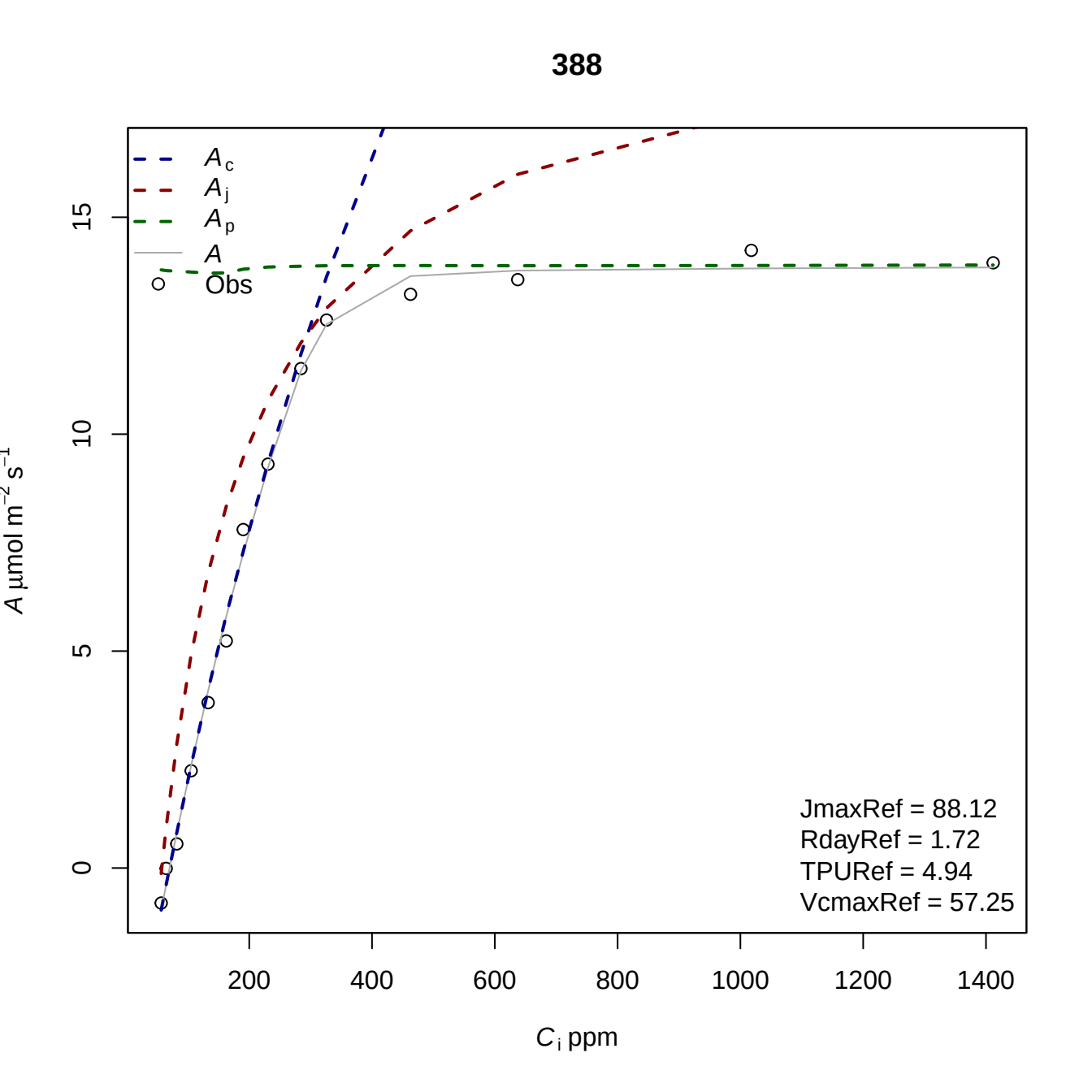

383
A_c
A_j
A_p
A
Obs
JmaxRef = 45.43
RdayRef = 1.45
TPURef = 9999
VcmaxRef = 25.42
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000

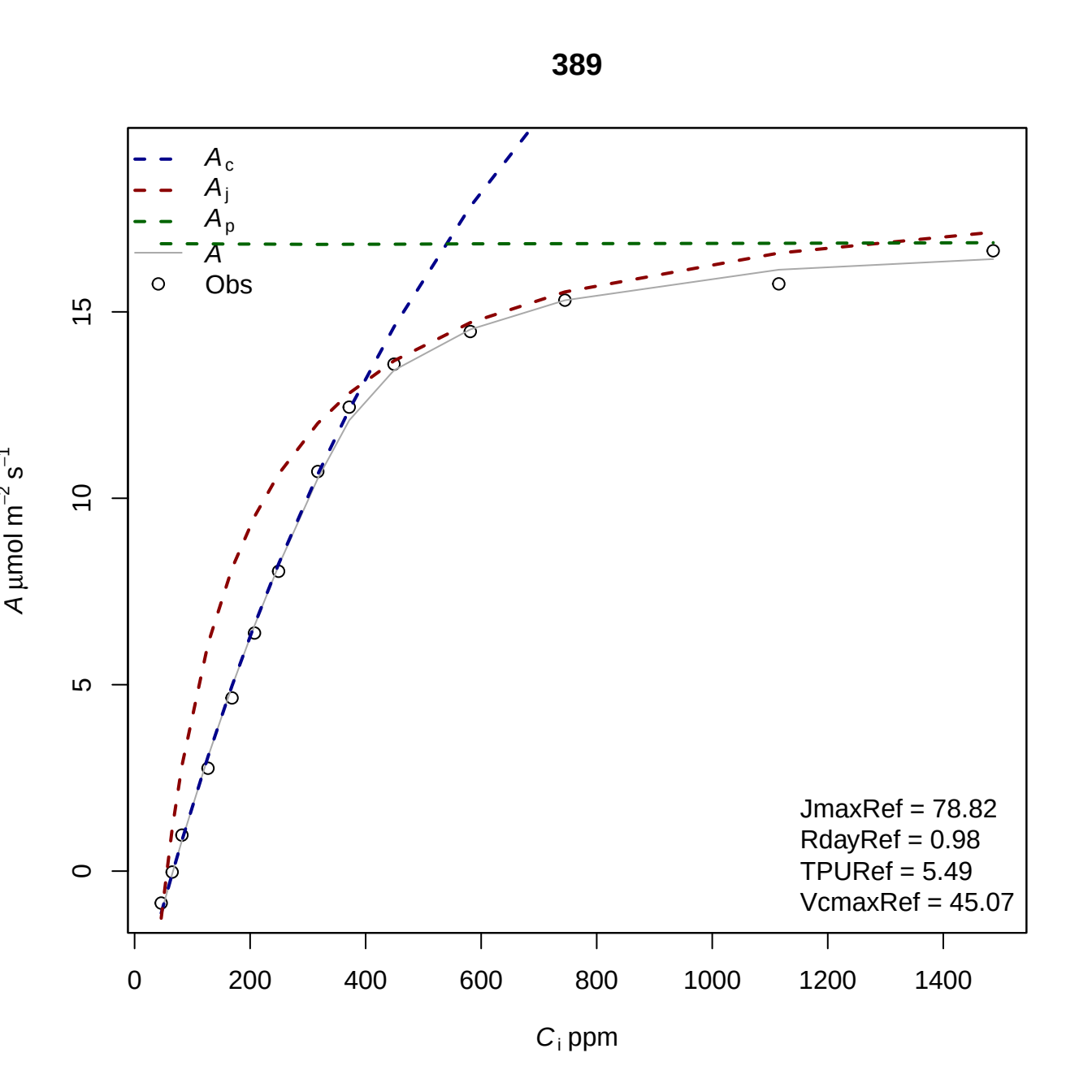

384
A_c
A_j
A_p
A
Obs
JmaxRef = 77.31
RdayRef = 1.12
TPURef = 4.52
VcmaxRef = 48.79
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

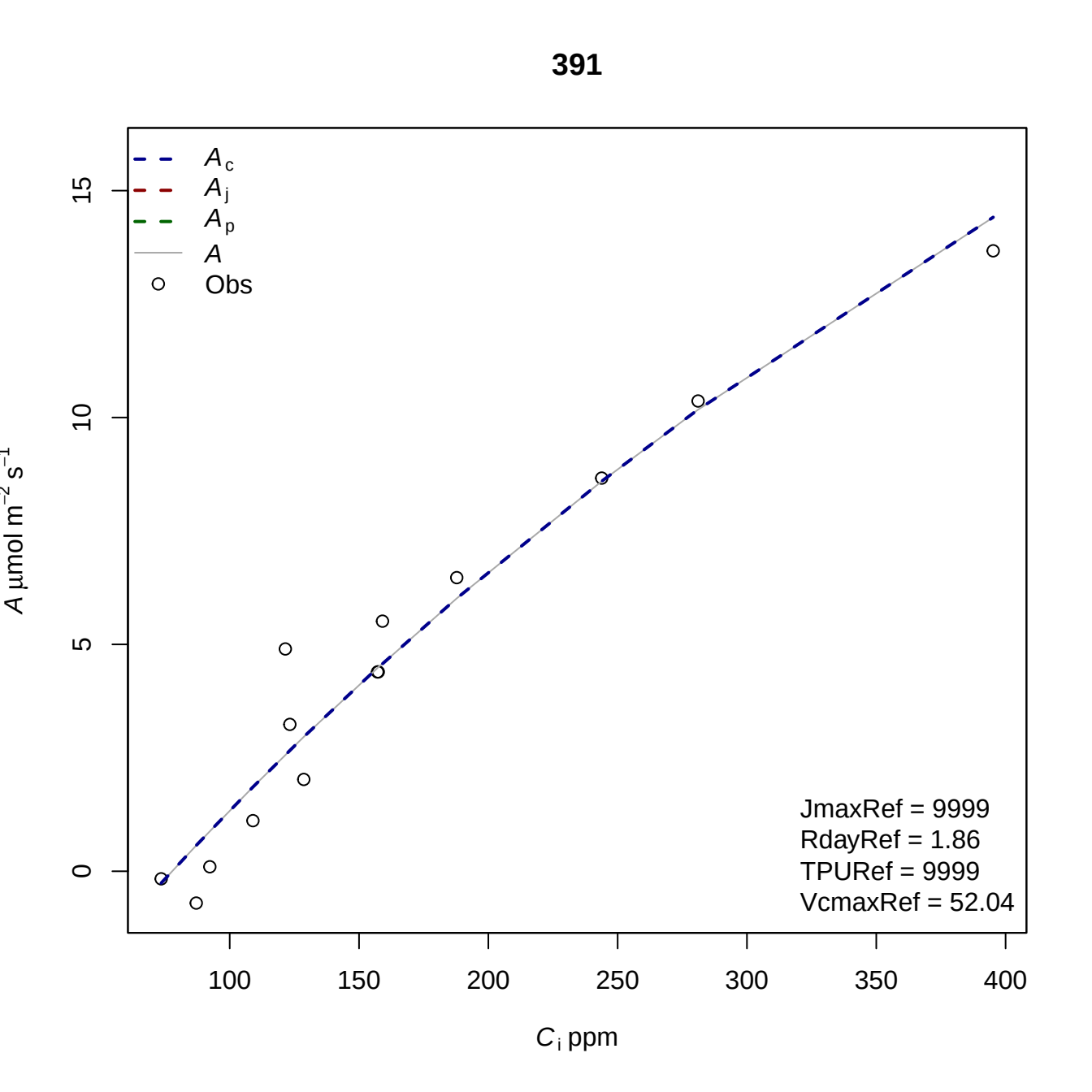

385
A_c
A_j
A_p
A
Obs
JmaxRef = 56.9
RdayRef = 0.99
TPURef = 9999
VcmaxRef = 25.71
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
14
200
400
600
800
1000

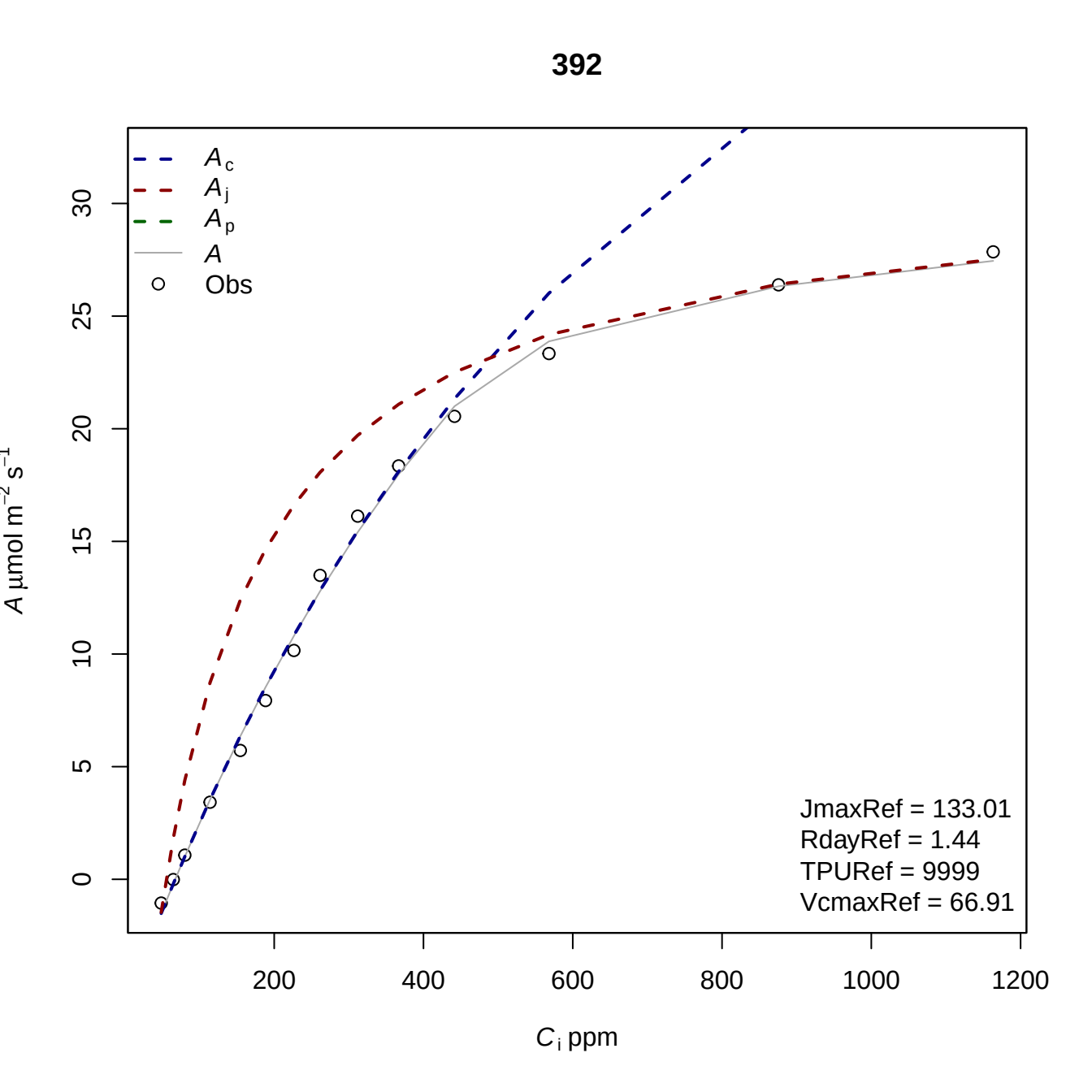

386
A_c
A_j
A_p
A
Obs
JmaxRef = 77.9
RdayRef = 0.78
TPURef = 4.96
VcmaxRef = 44.08
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

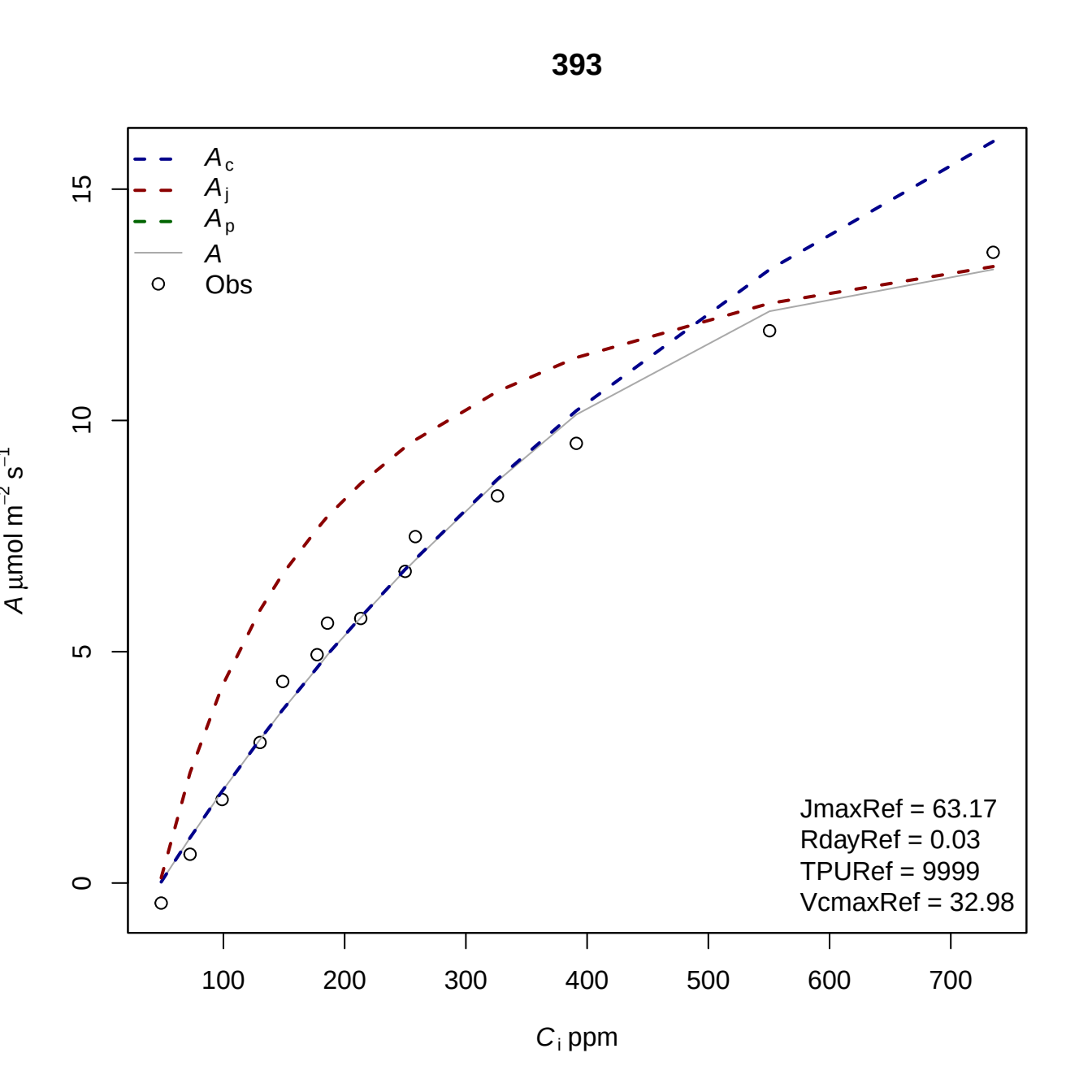

387
A_c
A_j
A_p
A
Obs
JmaxRef = 73.64
RdayRef = 0.7
TPURef = 9999
VcmaxRef = 47.07
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800

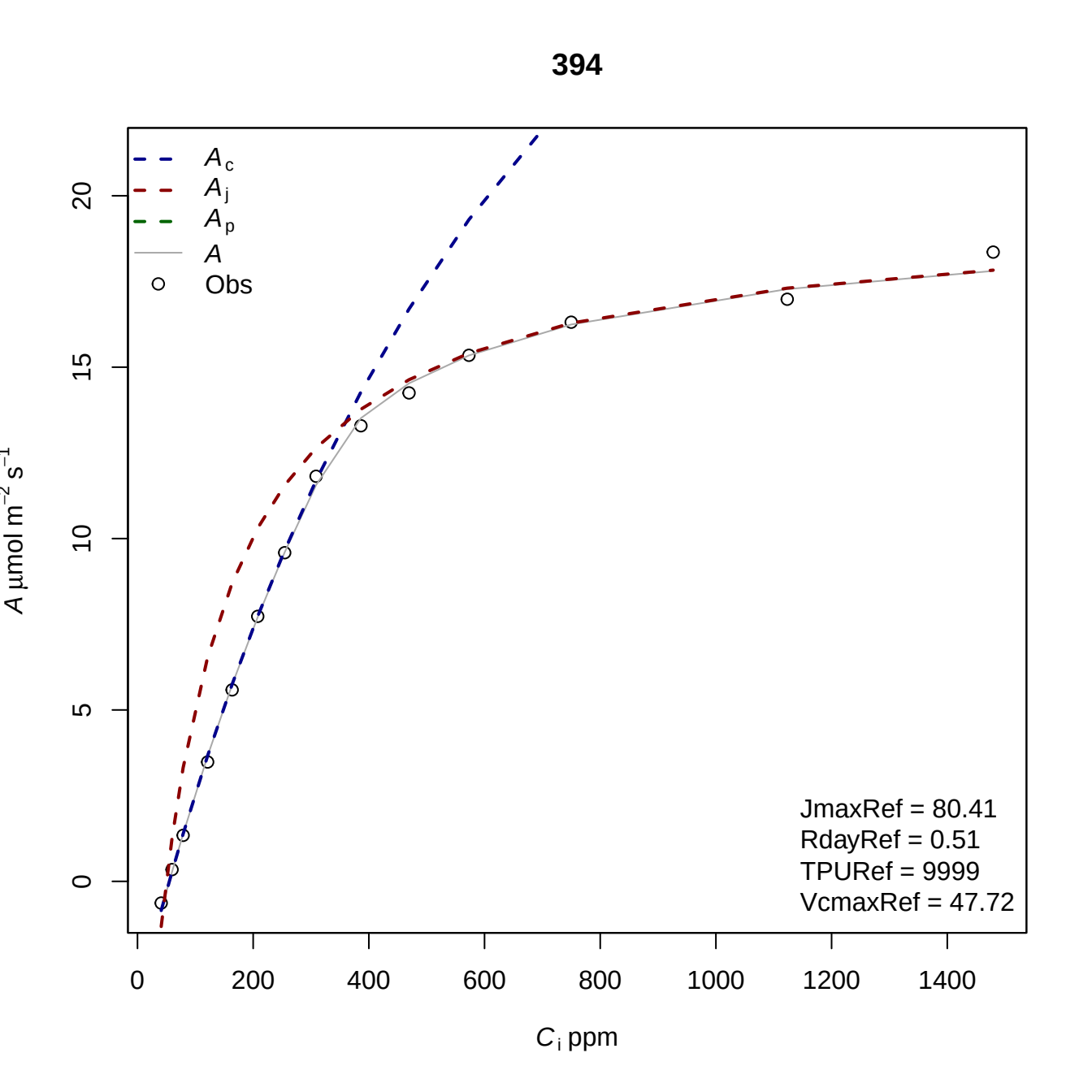

388
A_c
A_j
A_p
A
Obs
JmaxRef = 88.12
RdayRef = 1.72
TPURef = 4.94
VcmaxRef = 57.25
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200
1400

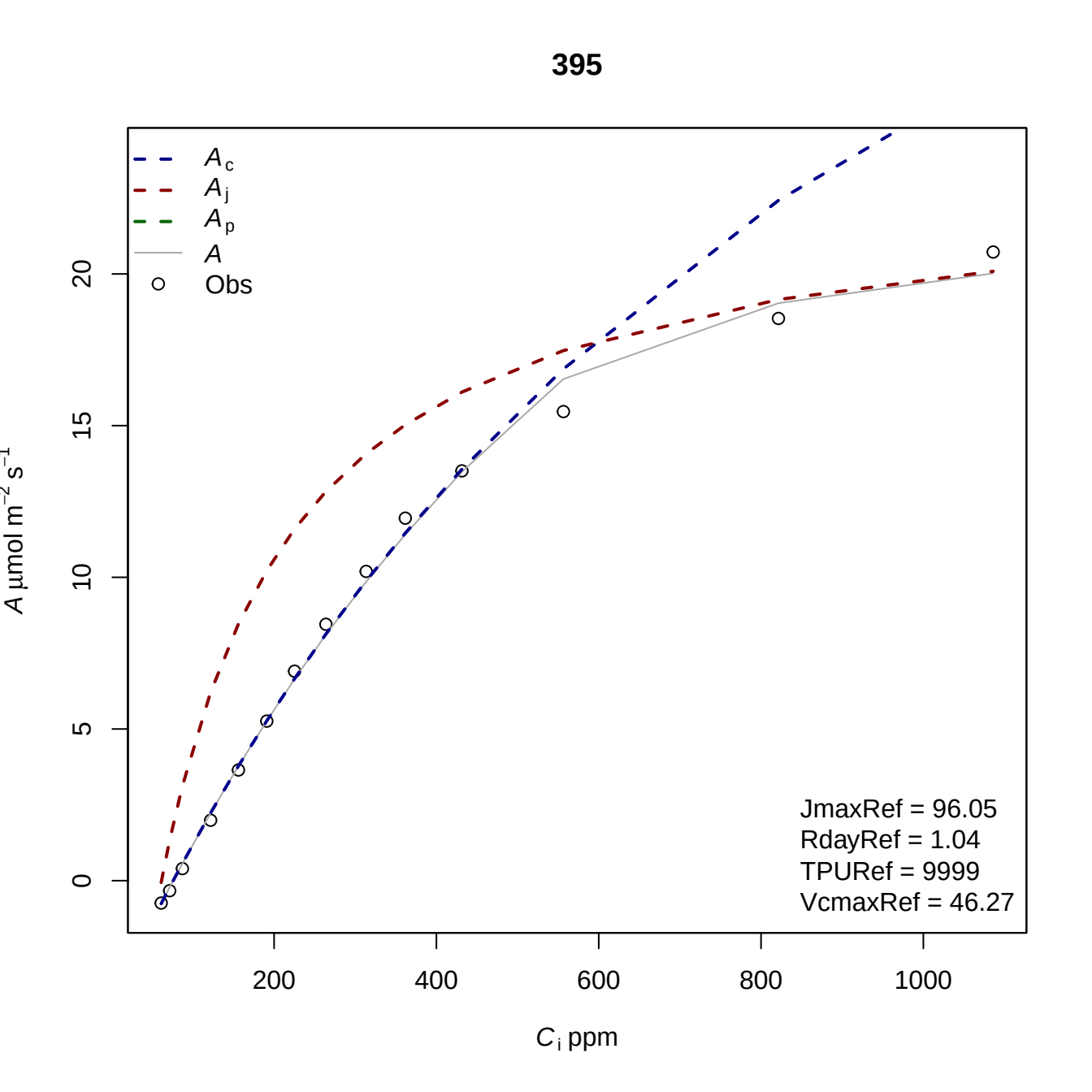

389
A_c
A_j
A_p
A
Obs
JmaxRef = 78.82
RdayRef = 0.98
TPURef = 5.49
VcmaxRef = 45.07
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

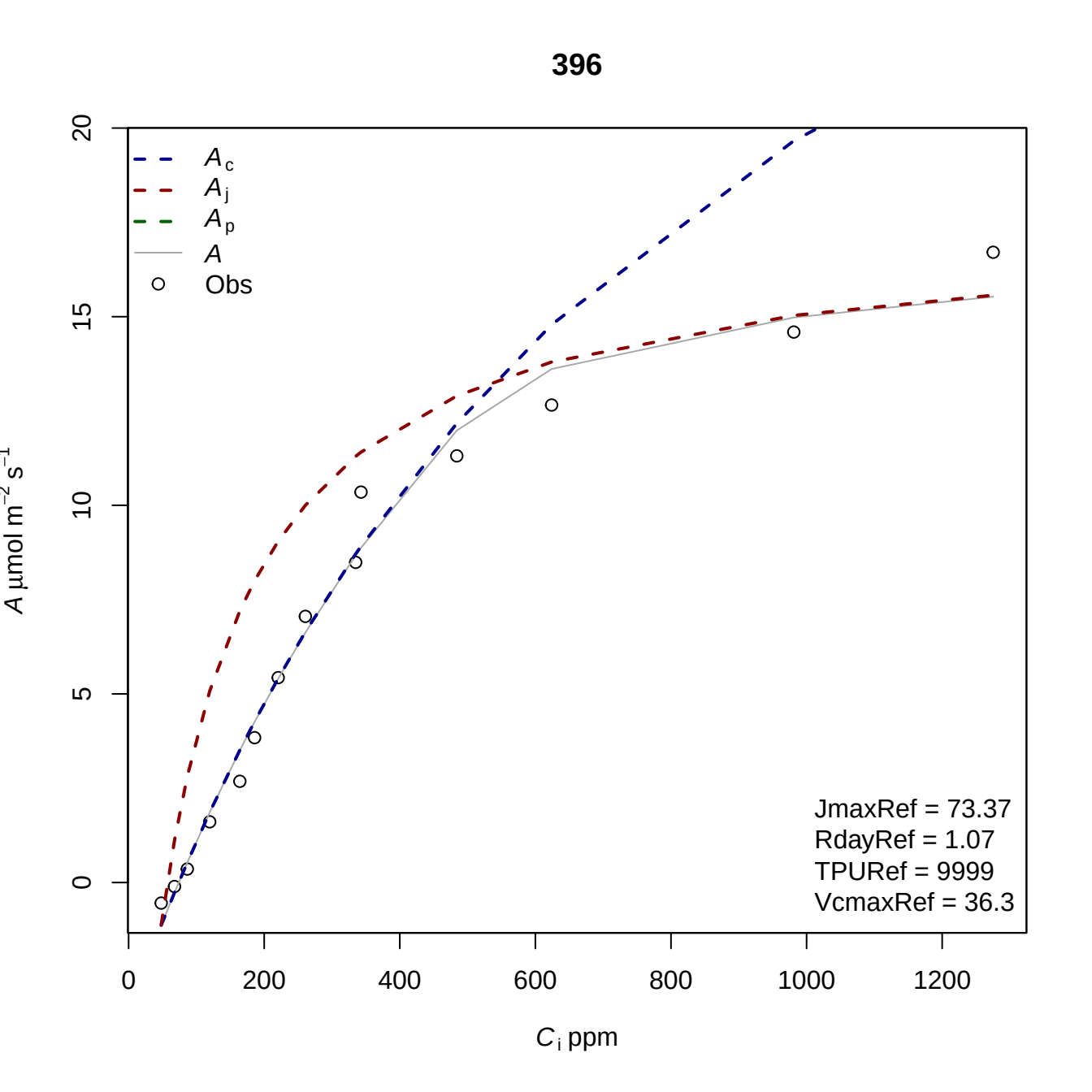

391
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.86
TPURef = 9999
VcmaxRef = 52.04
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
100
150
200
250
300
350
400

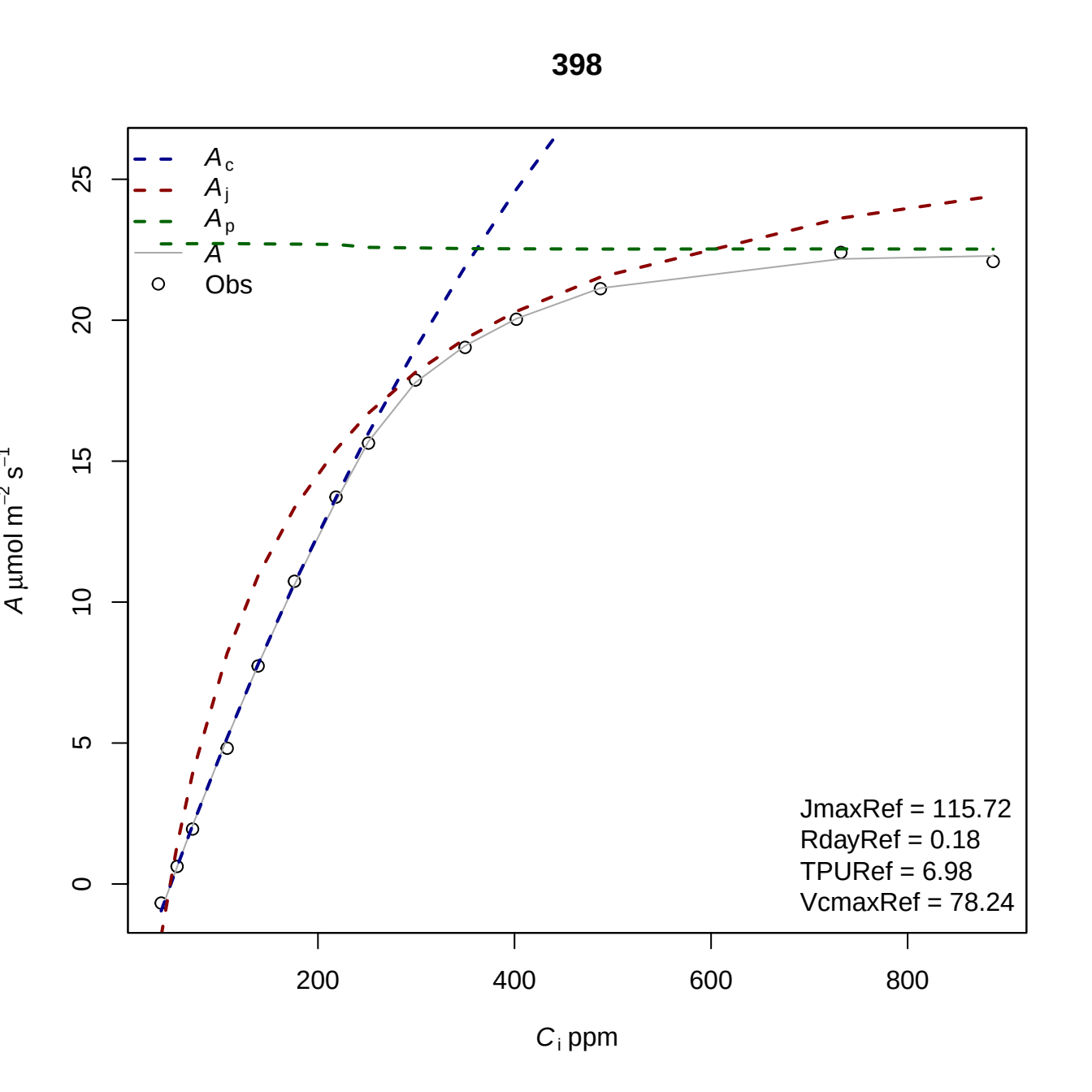

392
A_c
A_j
A_p
A
Obs
JmaxRef = 133.01
RdayRef = 1.44
TPURef = 9999
VcmaxRef = 66.91
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000
1200

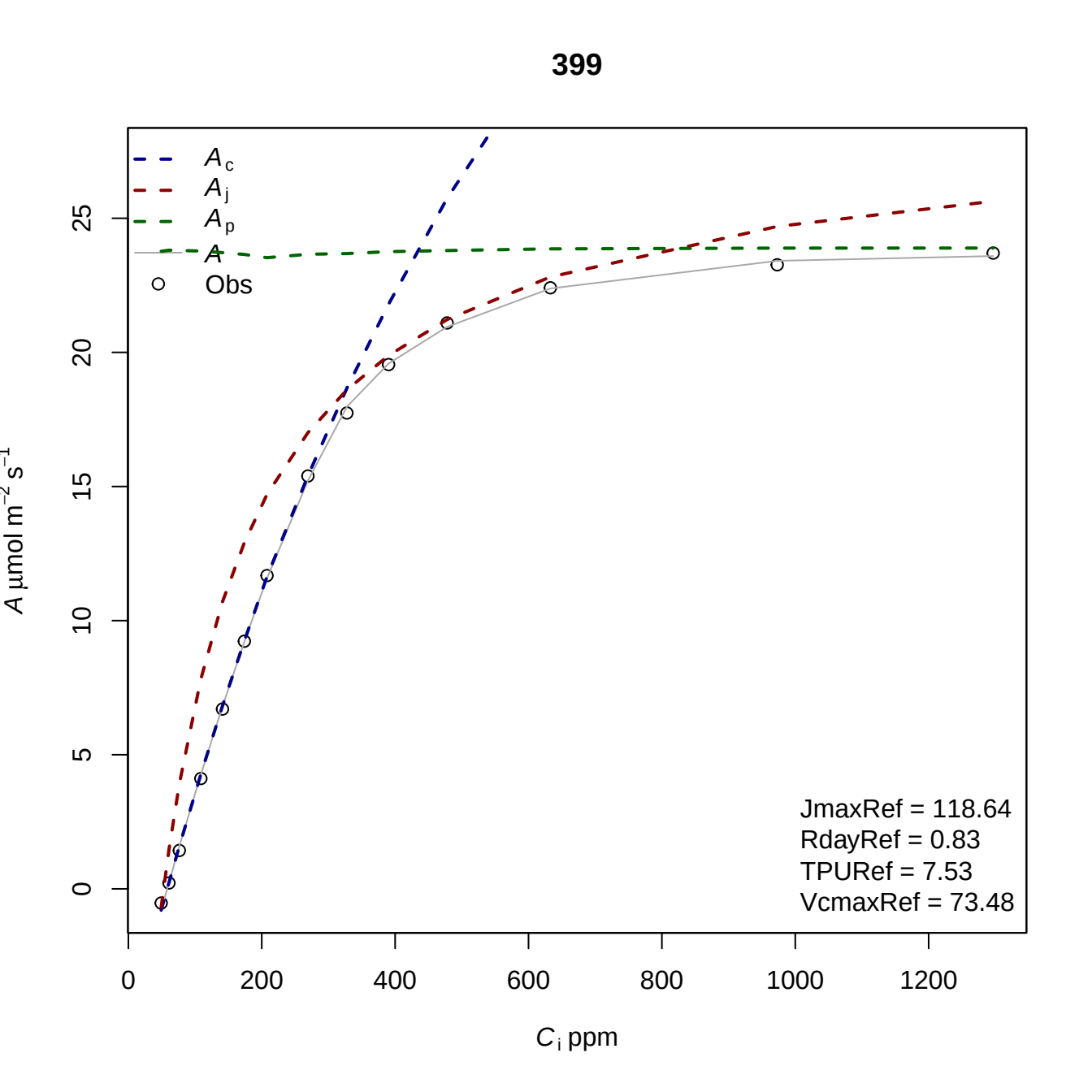

393
A_c
A_j
A_p
A
Obs
JmaxRef = 63.17
RdayRef = 0.03
TPURef = 9999
VcmaxRef = 32.98
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
100
200
300
400
500
600
700

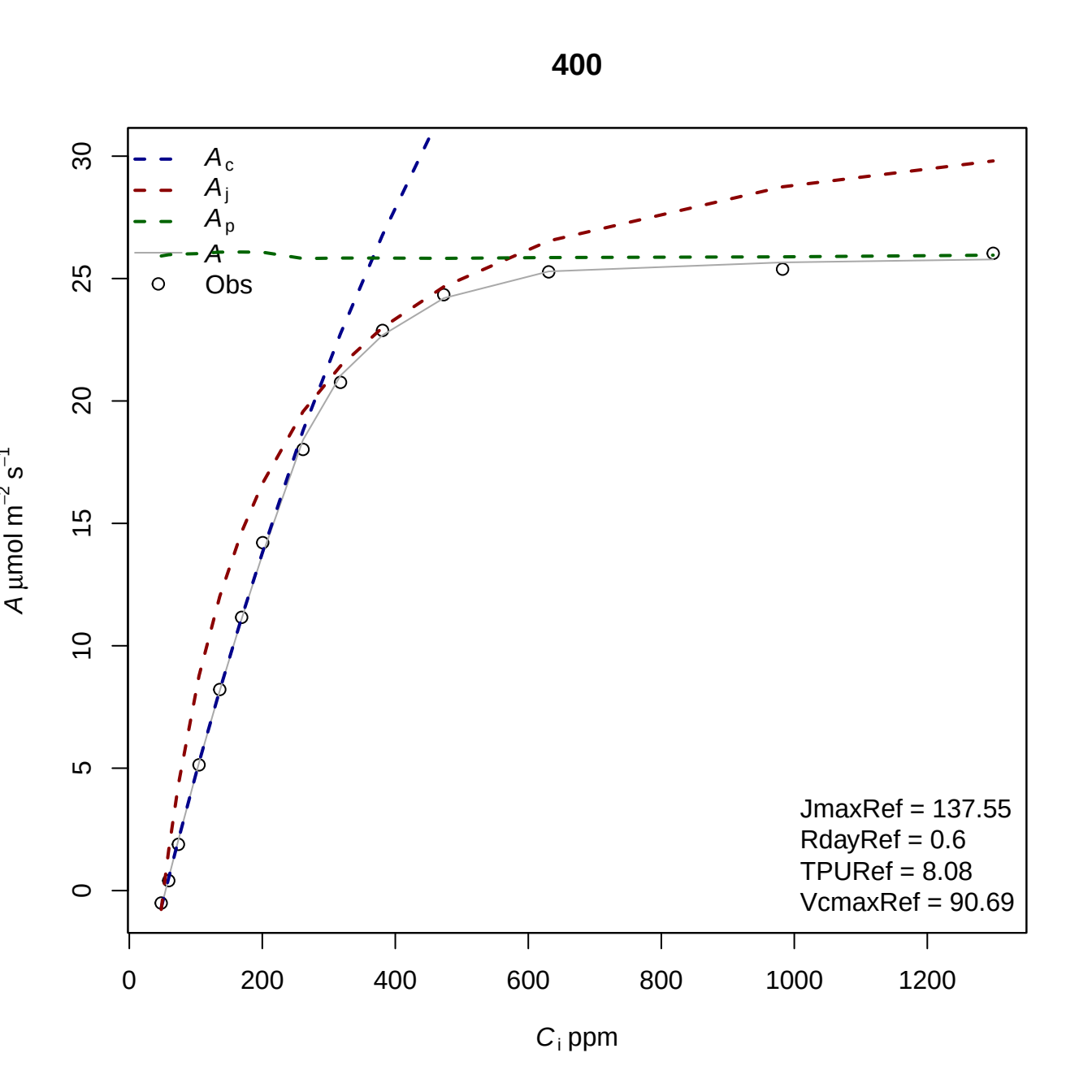

394
A_c
A_j
A_p
A
Obs
JmaxRef = 80.41
RdayRef = 0.51
TPURef = 9999
VcmaxRef = 47.72
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

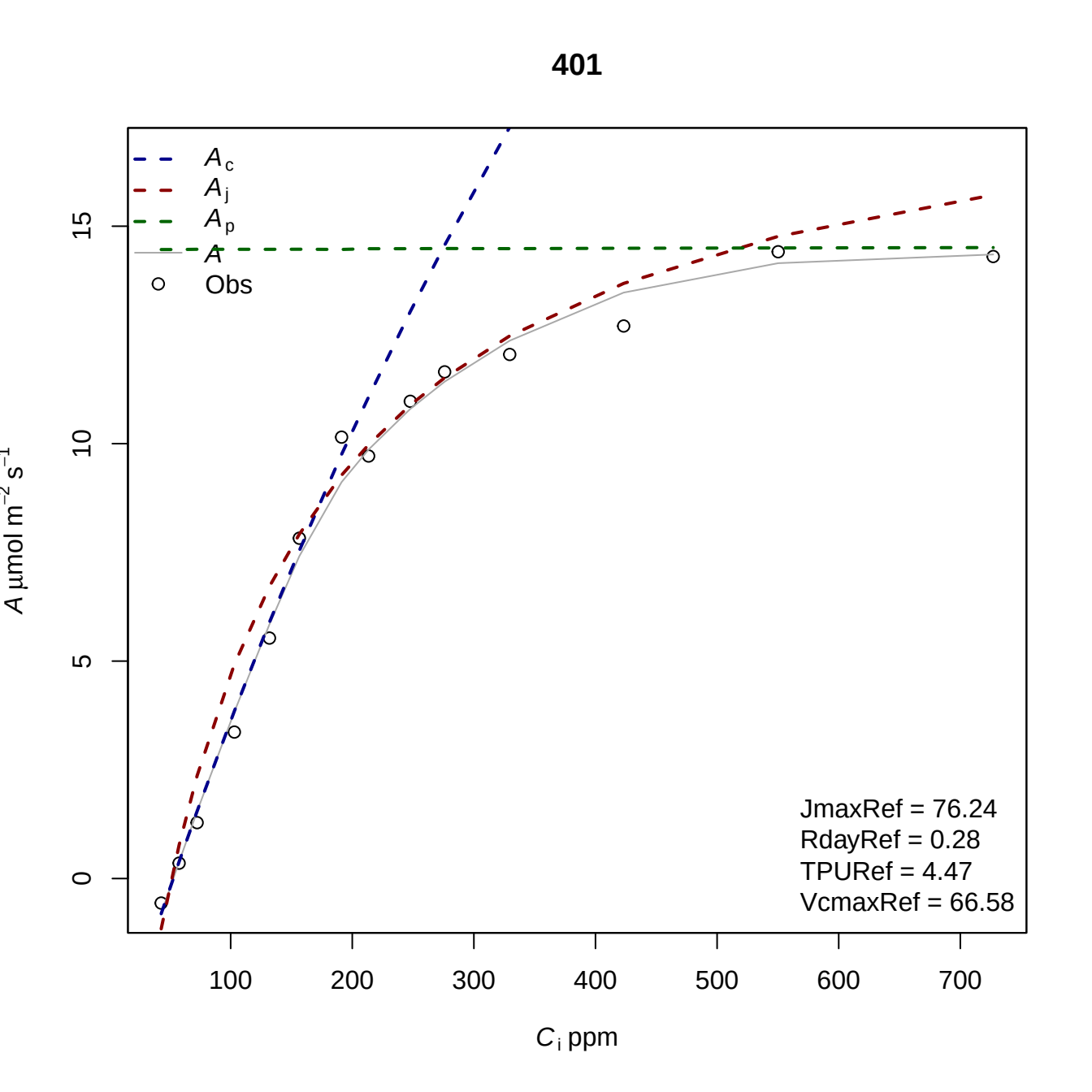

395
A_c
A_j
A_p
A
Obs
JmaxRef = 96.05
RdayRef = 1.04
TPURef = 9999
VcmaxRef = 46.27
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

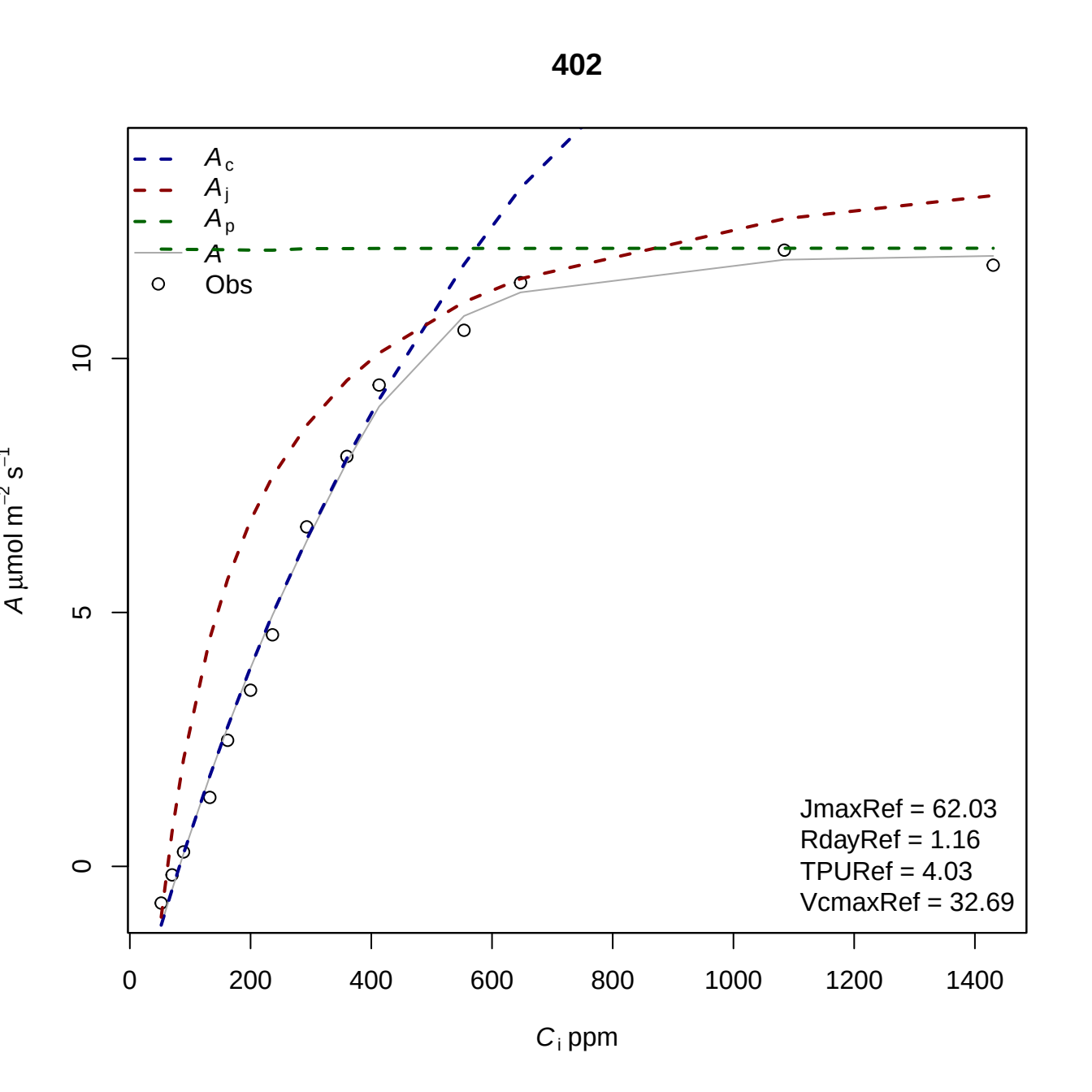

396
A_c
A_j
A_p
A
Obs
JmaxRef = 73.37
RdayRef = 1.07
TPURef = 9999
VcmaxRef = 36.3
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

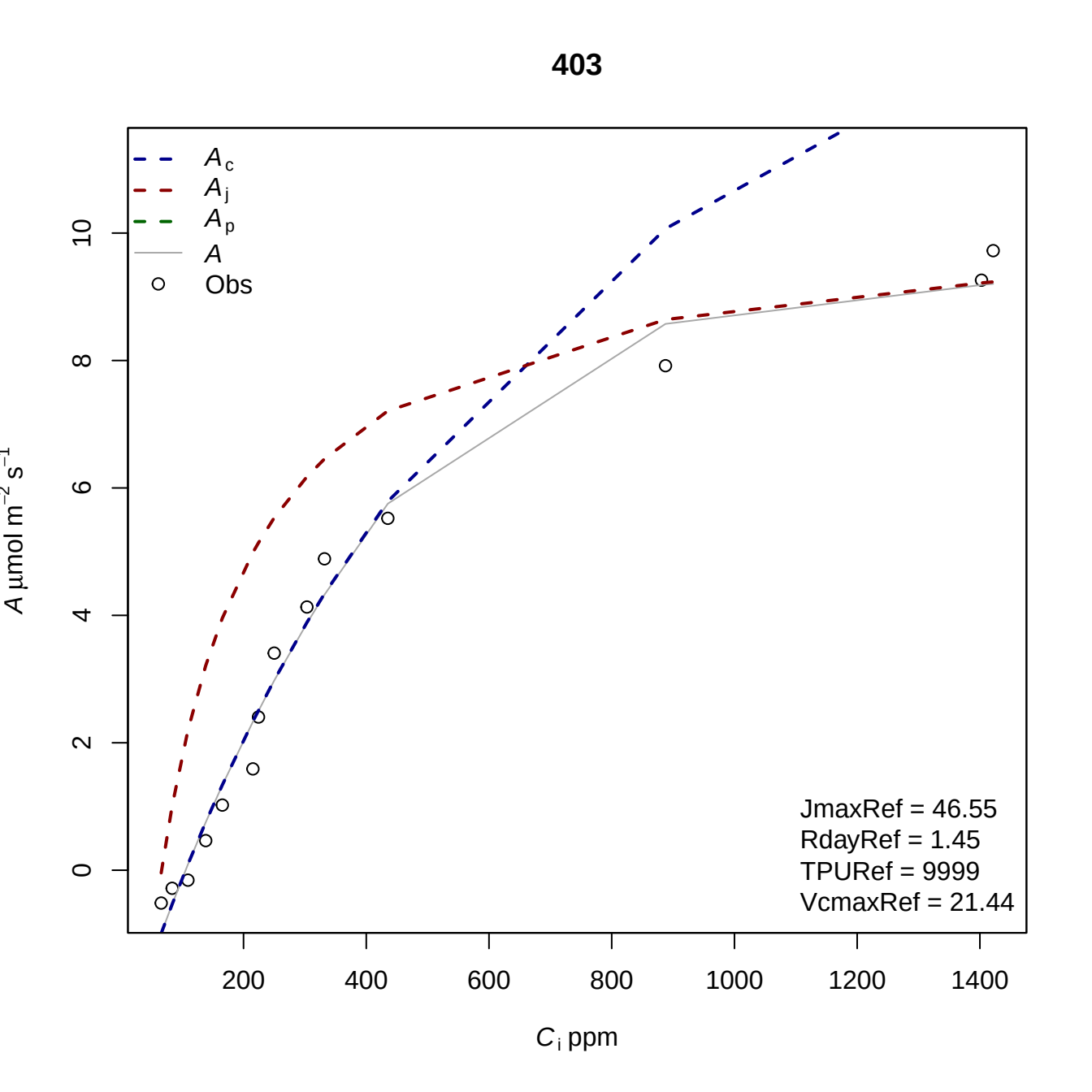

398
A_c
A_j
A_p
A
Obs
JmaxRef = 115.72
RdayRef = 0.18
TPURef = 6.98
VcmaxRef = 78.24
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800

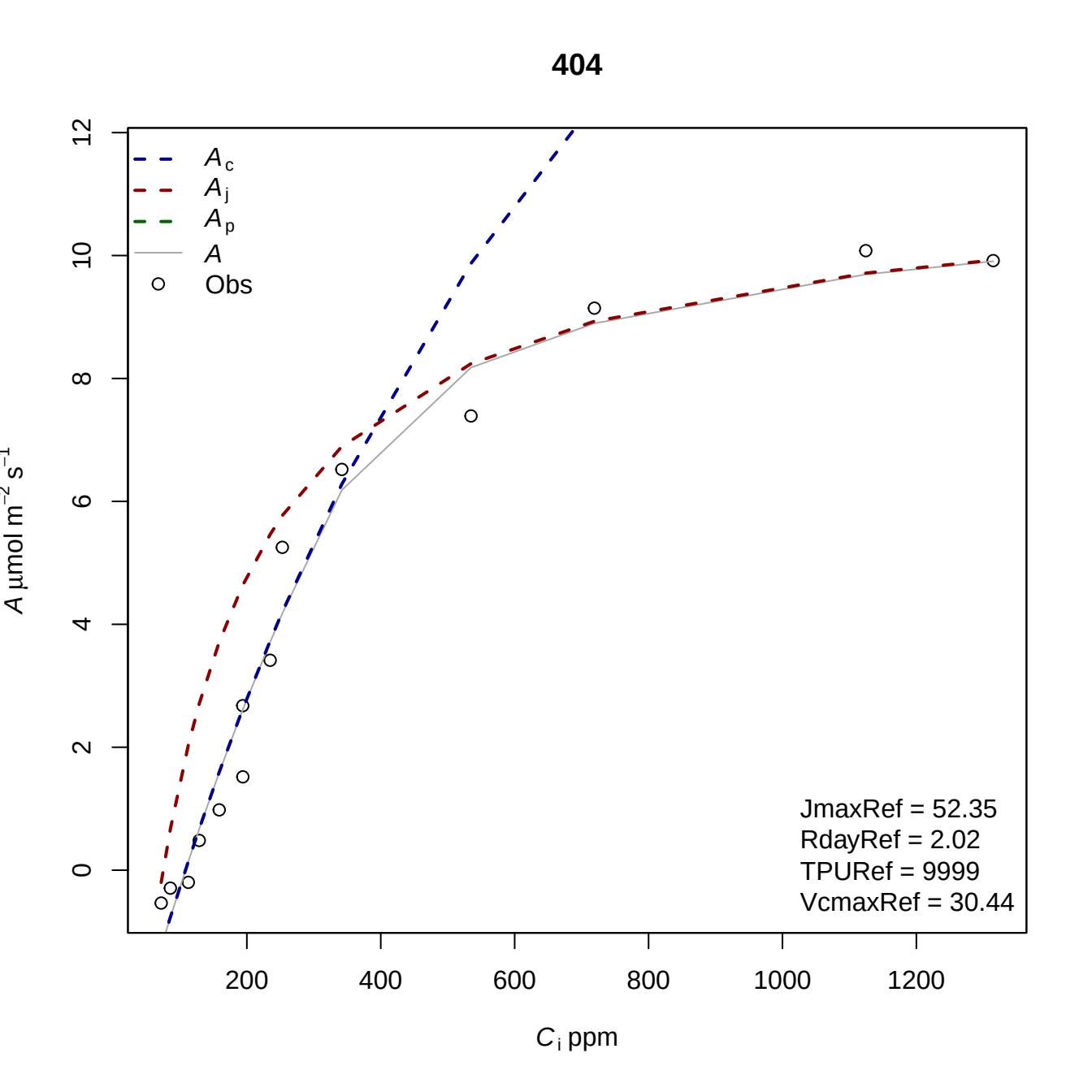

399
A_c
A_j
A_p
A
Obs
JmaxRef = 118.64
RdayRef = 0.83
TPURef = 7.53
VcmaxRef = 73.48
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

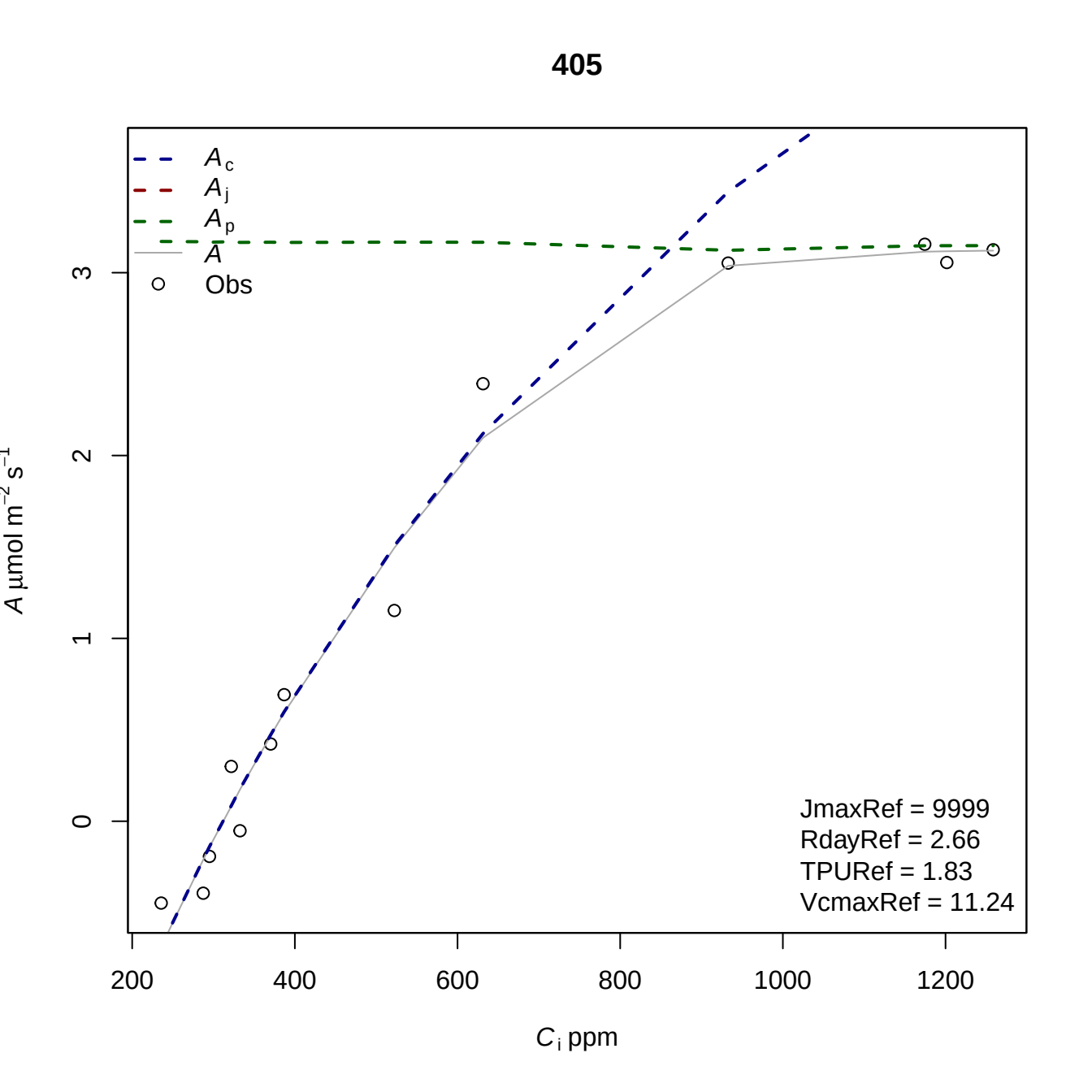

400
A_c
A_j
A_p
A
Obs
JmaxRef = 137.55
RdayRef = 0.6
TPURef = 8.08
VcmaxRef = 90.69
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

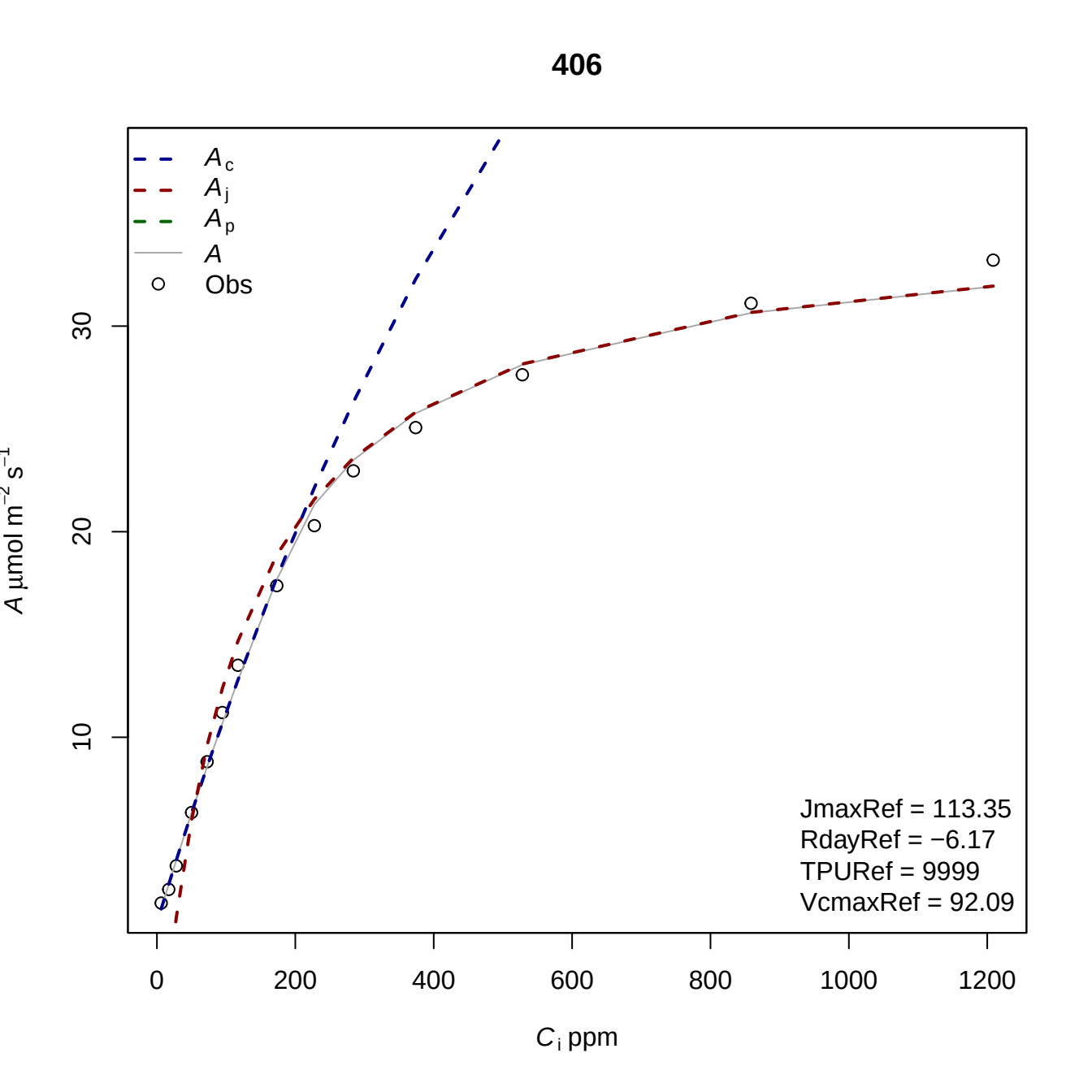

401
A_c
A_j
A_p
A
Obs
JmaxRef = 76.24
RdayRef = 0.28
TPURef = 4.47
VcmaxRef = 66.58
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
100
200
300
400
500
600
700

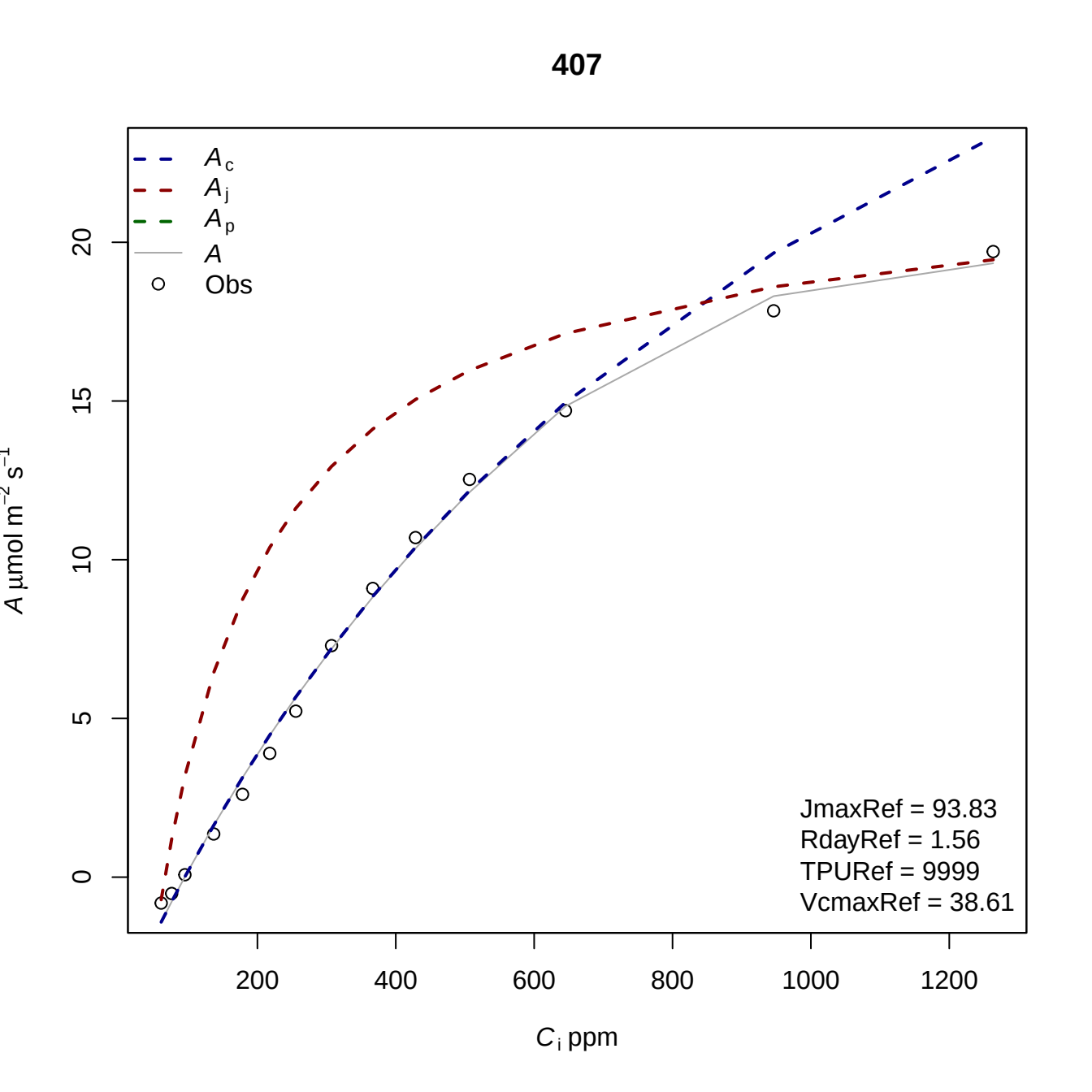

402
A_c
A_j
A_p
A
Obs
JmaxRef = 62.03
RdayRef = 1.16
TPURef = 4.03
VcmaxRef = 32.69
A µmol m^{-2} s^{-1}
0
5
10
0
200
400
600
800
1000
1200
1400
C_i ppm

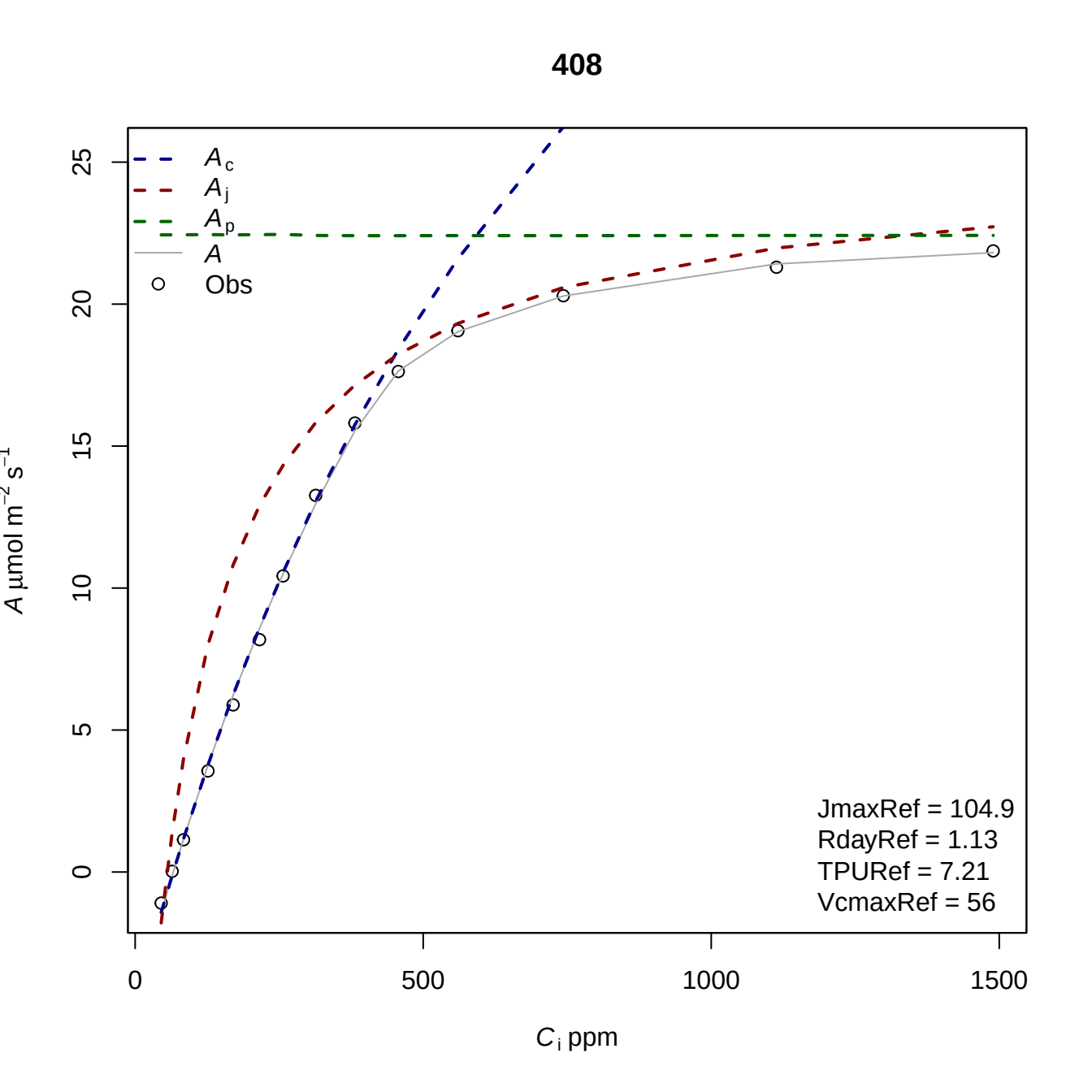

403
A_c
A_j
A_p
A
Obs
JmaxRef = 46.55
RdayRef = 1.45
TPURef = 9999
VcmaxRef = 21.44
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000
1200
1400

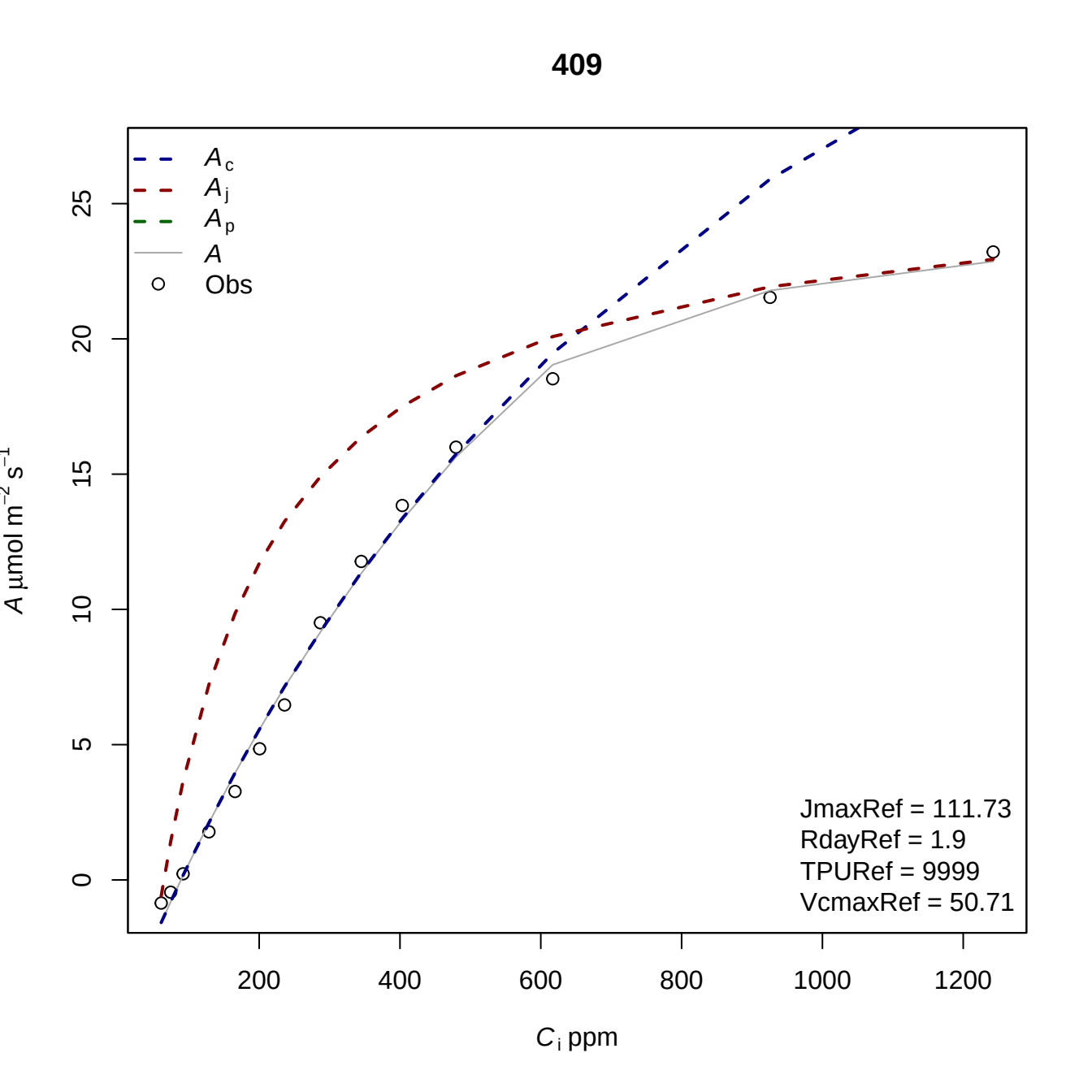

404
A_c
A_j
A_p
A
Obs
JmaxRef = 52.35
RdayRef = 2.02
TPURef = 9999
VcmaxRef = 30.44
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000
1200

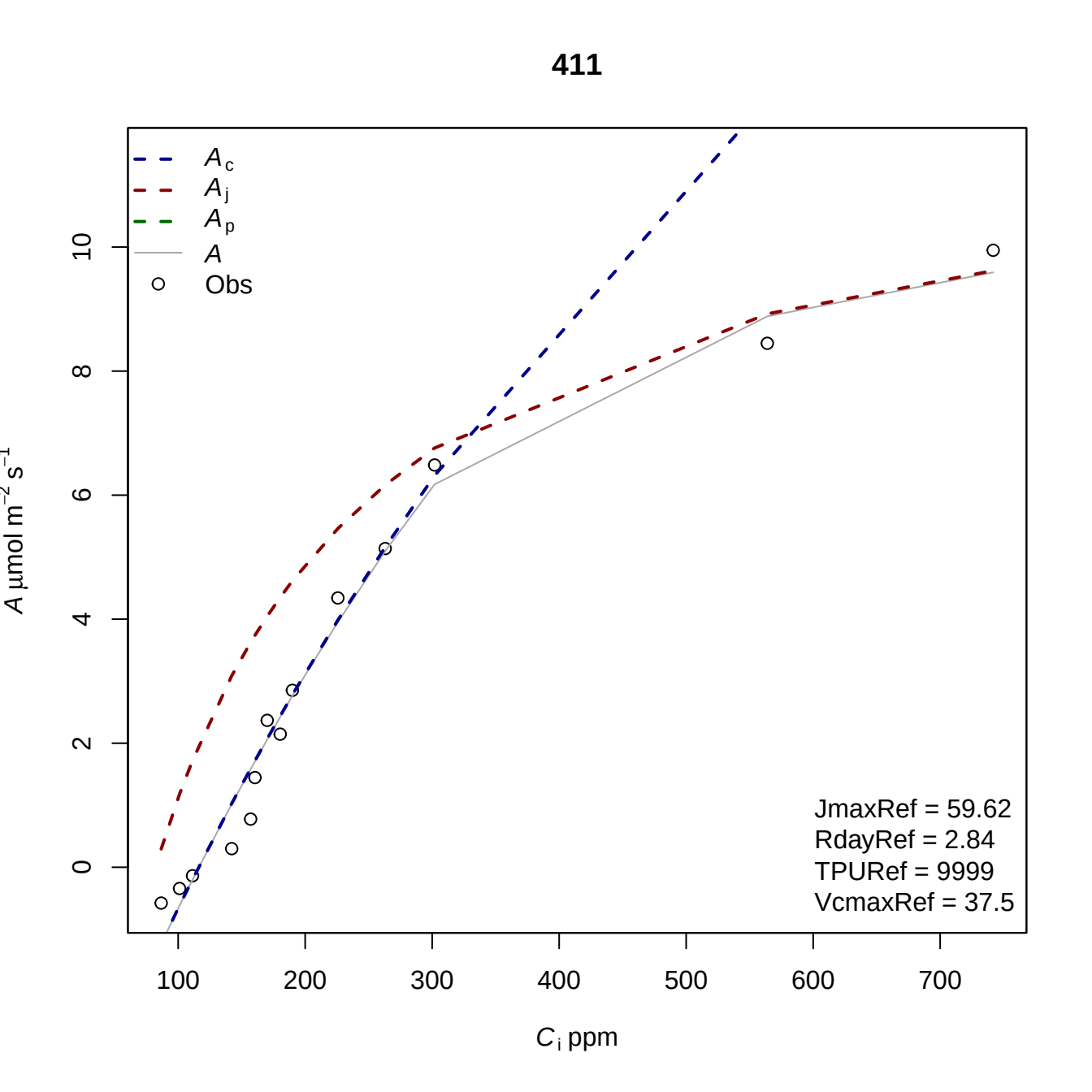

405
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 2.66
TPURef = 1.83
VcmaxRef = 11.24
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
200
400
600
800
1000
1200

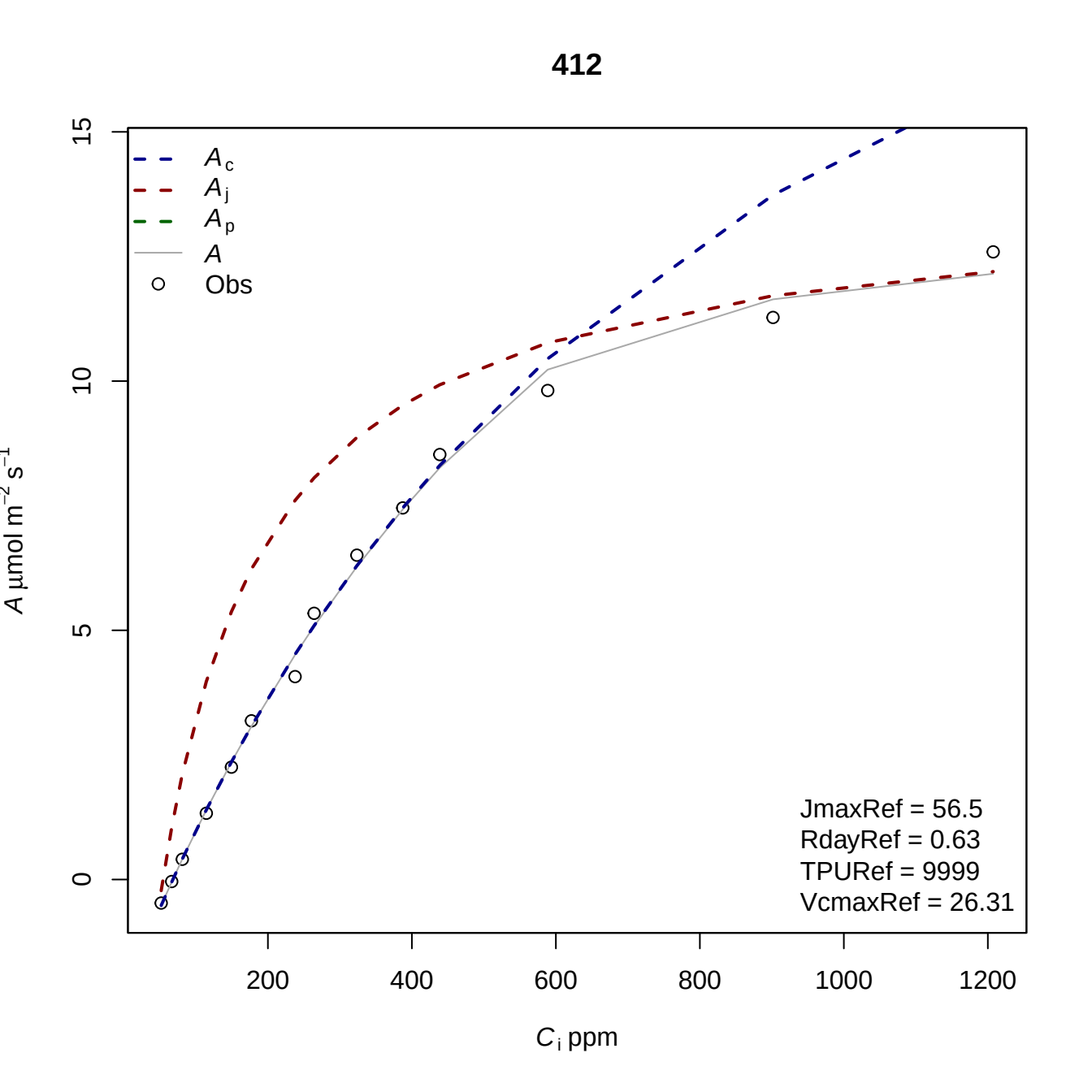

406
A_c
A_j
A_p
A
Obs
JmaxRef = 113.35
RdayRef = −6.17
TPURef = 9999
VcmaxRef = 92.09
A µmol m^{-2} s^{-1}
10
20
30
0
200
400
600
800
1000
1200
C_i ppm

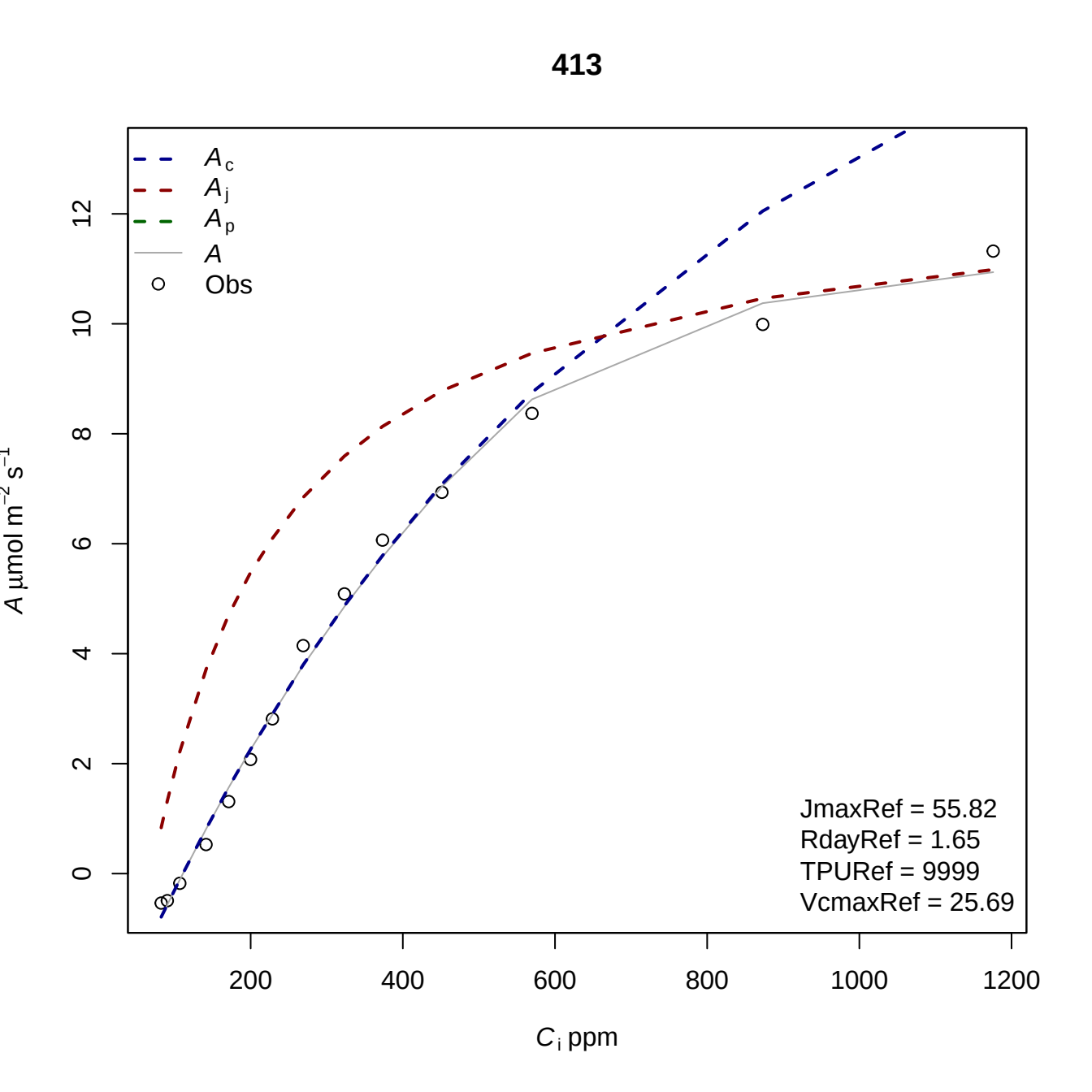

407
A_c
A_j
A_p
A
Obs
JmaxRef = 93.83
RdayRef = 1.56
TPURef = 9999
VcmaxRef = 38.61
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

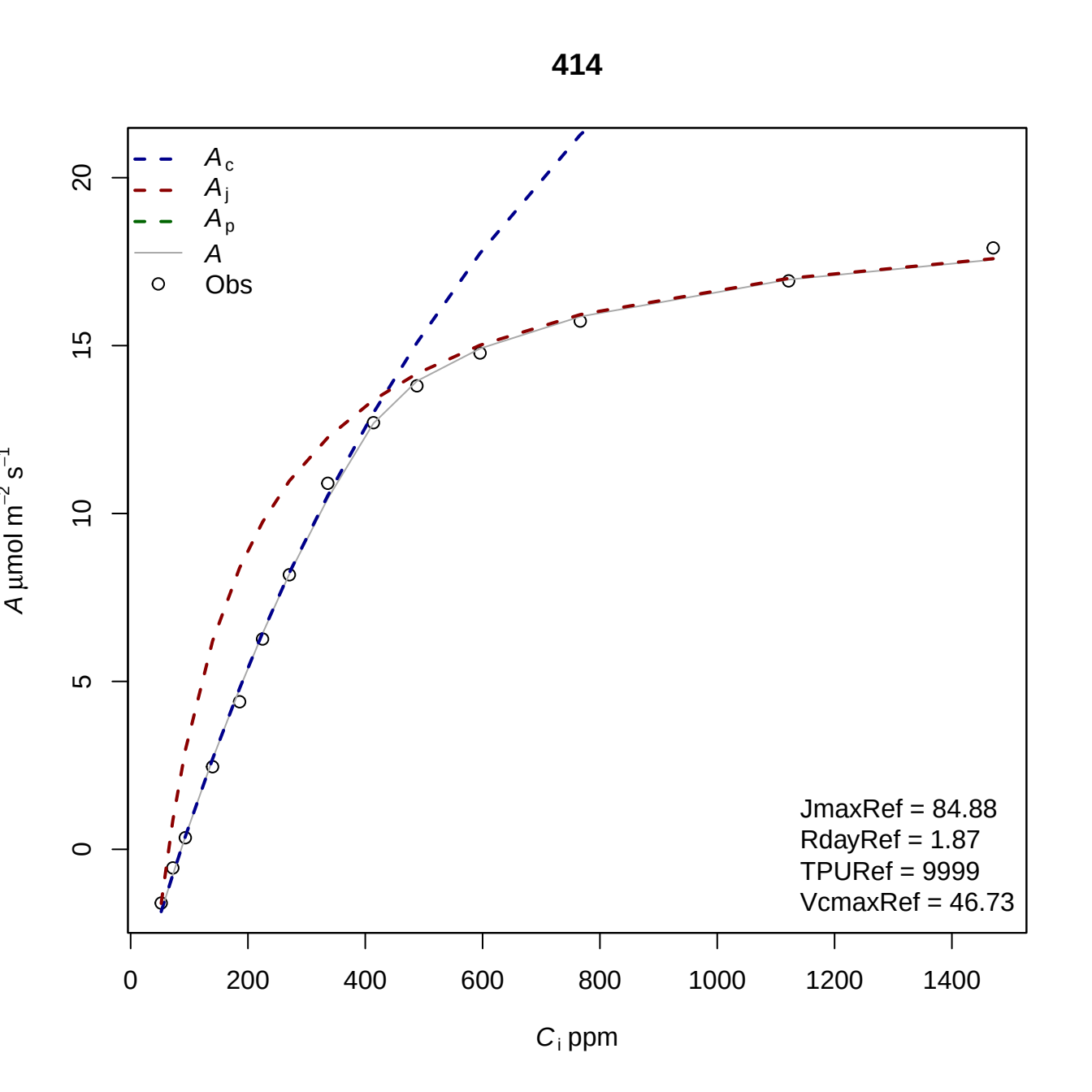

408
A_c
A_j
A_p
A
Obs
JmaxRef = 104.9
RdayRef = 1.13
TPURef = 7.21
VcmaxRef = 56
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

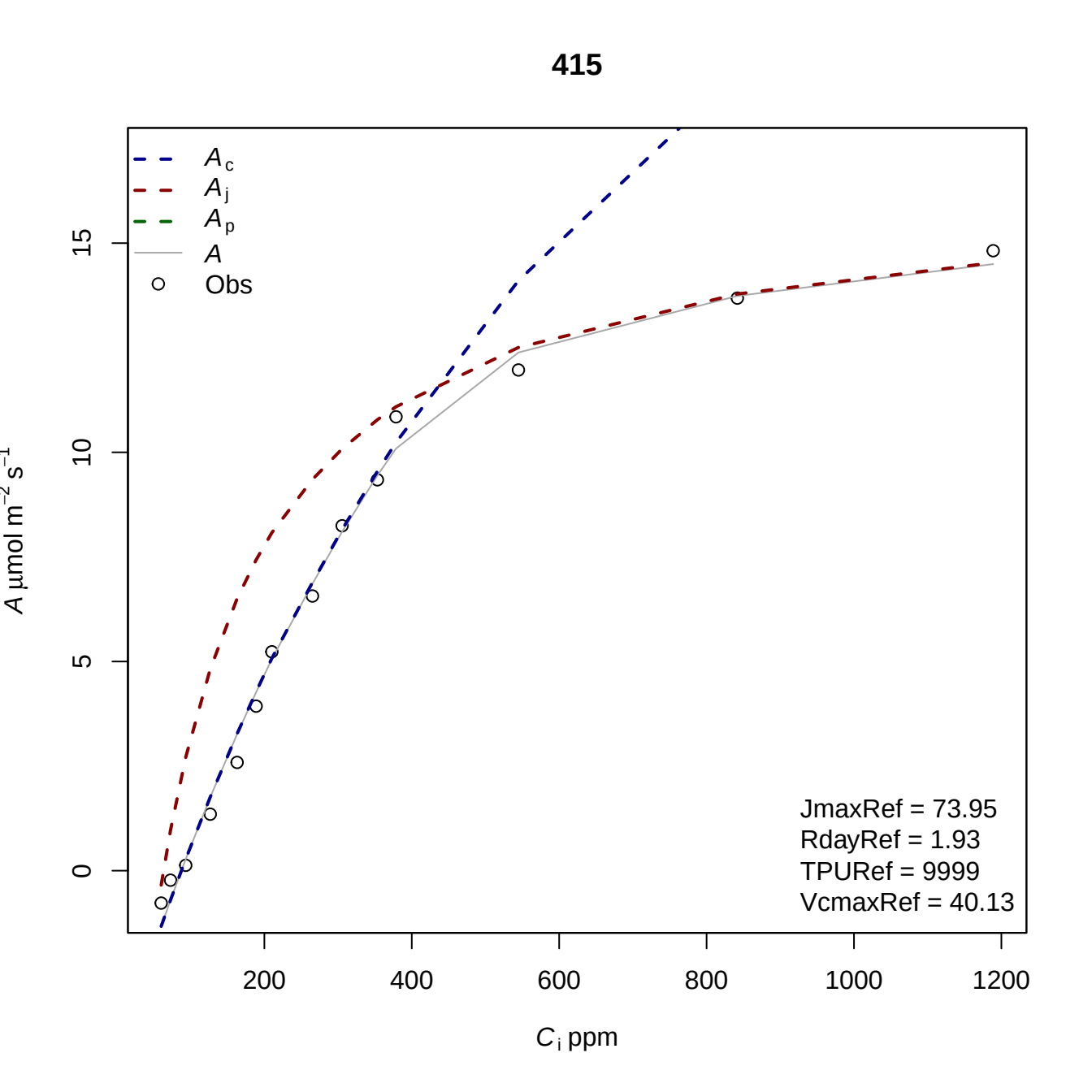

409
A_c
A_j
A_p
A
Obs
JmaxRef = 111.73
RdayRef = 1.9
TPURef = 9999
VcmaxRef = 50.71
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000
1200

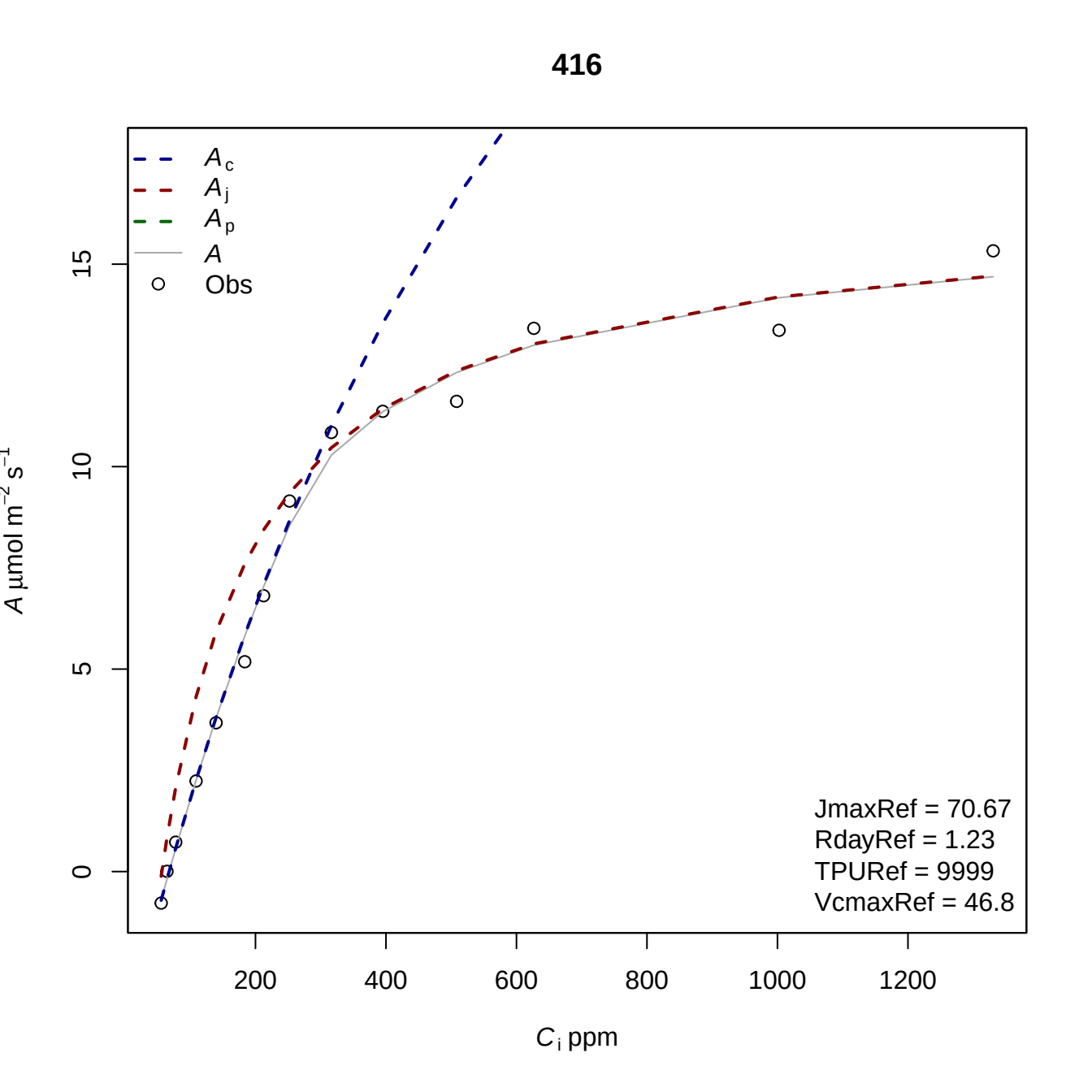

411
A_c
A_j
A_p
A
Obs
JmaxRef = 59.62
RdayRef = 2.84
TPURef = 9999
VcmaxRef = 37.5
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
100
200
300
400
500
600
700

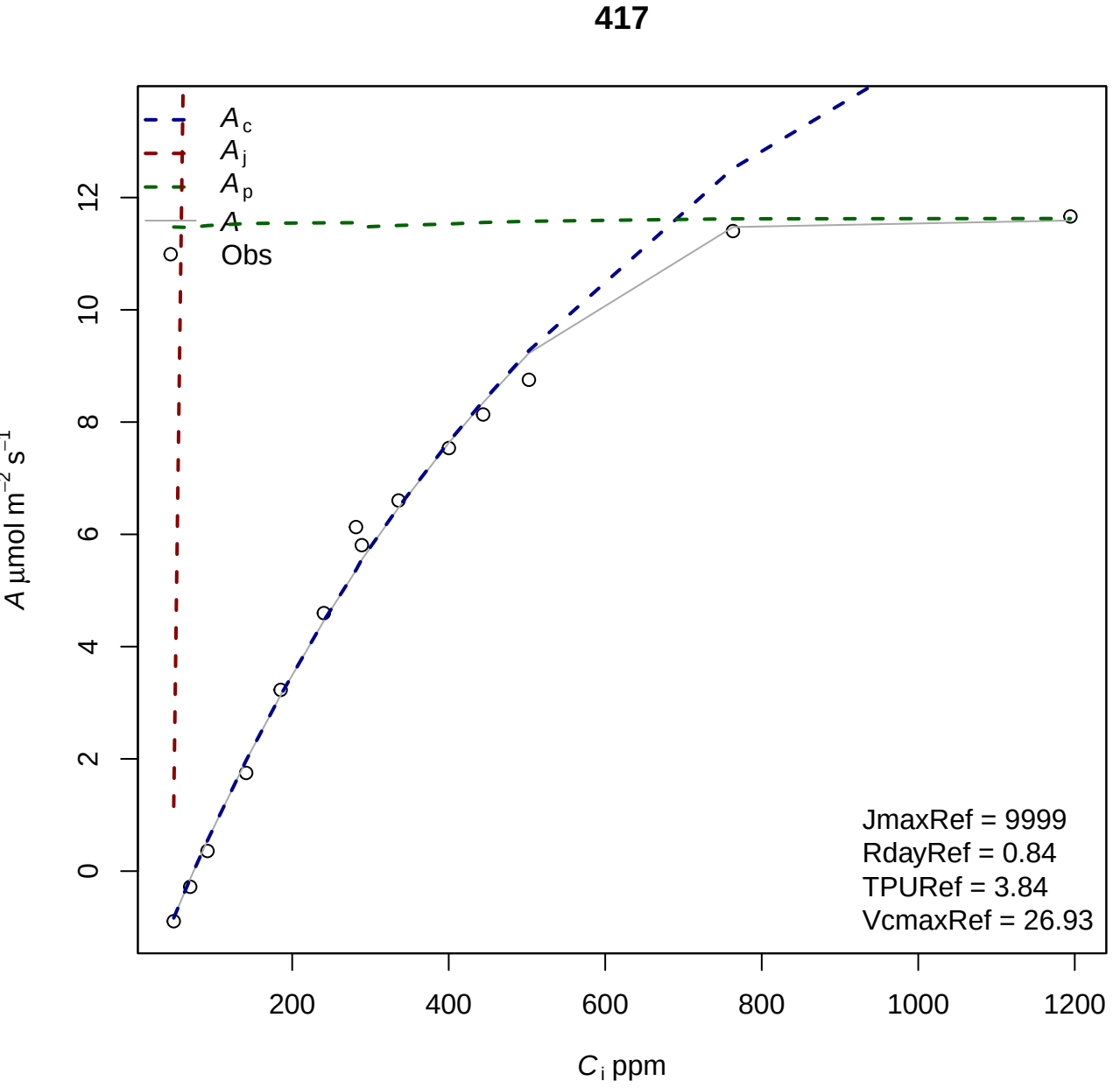

412
A_c
A_j
A_p
A
Obs
JmaxRef = 56.5
RdayRef = 0.63
TPURef = 9999
VcmaxRef = 26.31
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

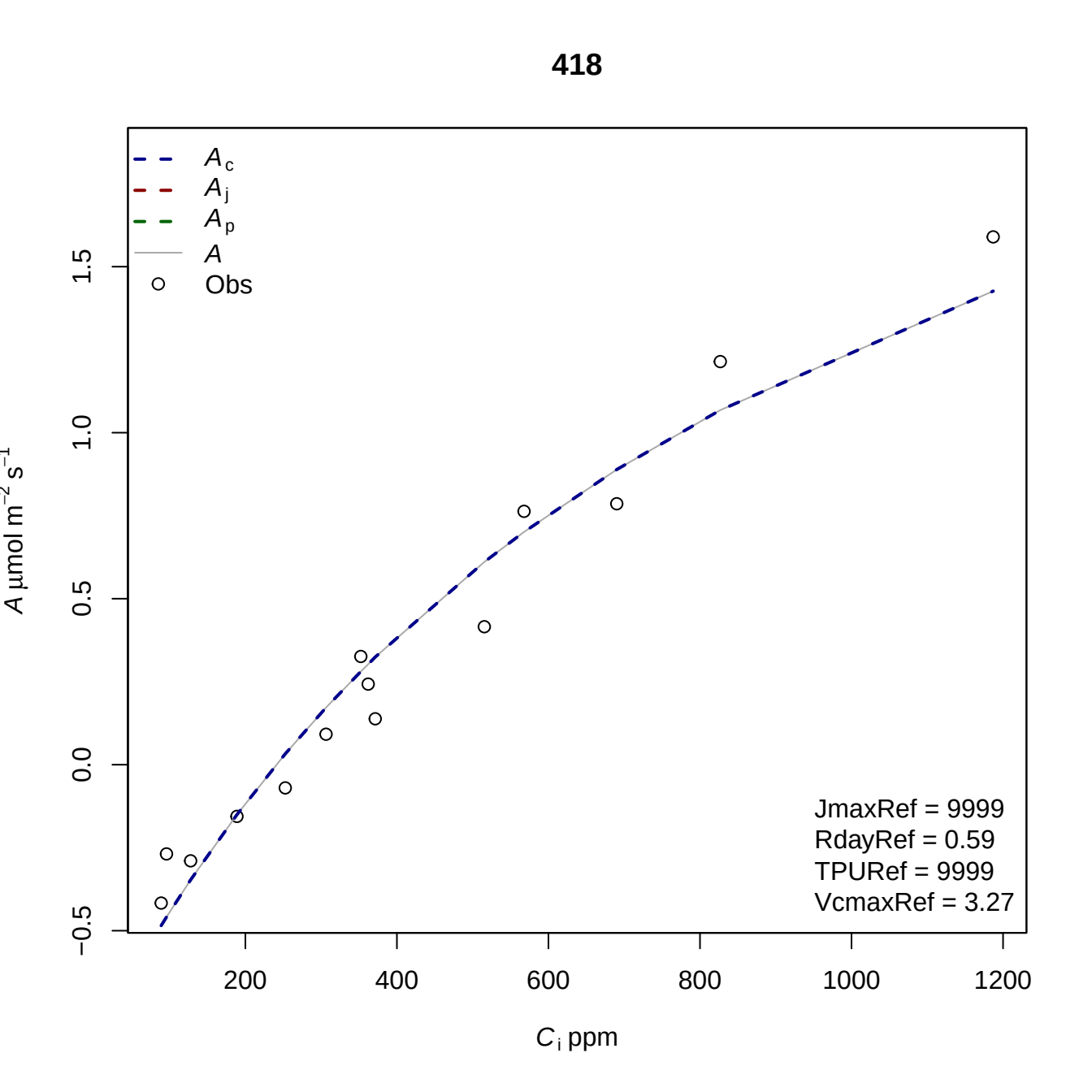

413
A_c
A_j
A_p
A
Obs
JmaxRef = 55.82
RdayRef = 1.65
TPURef = 9999
VcmaxRef = 25.69
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000
1200

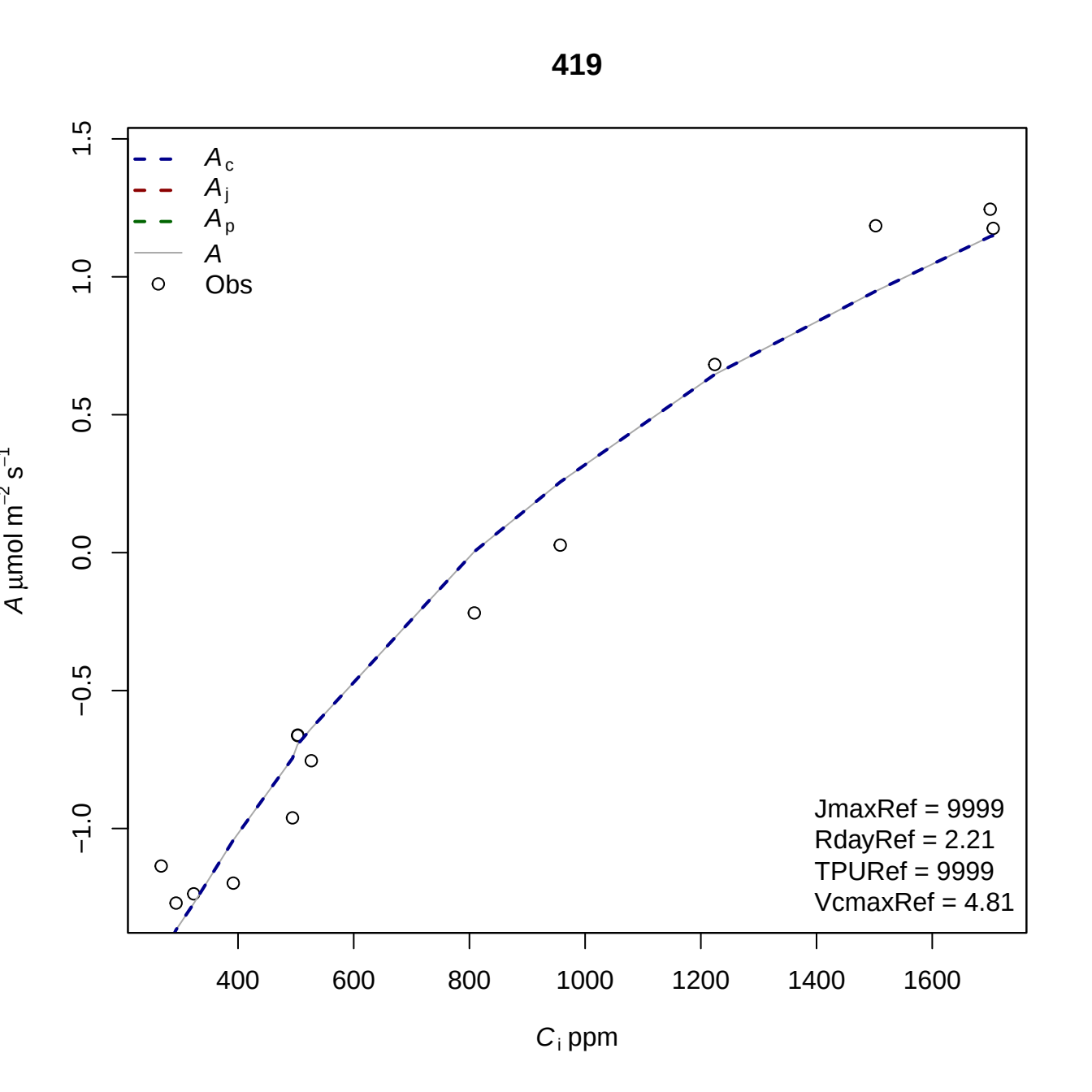

414
A_c
A_j
A_p
A
Obs
JmaxRef = 84.88
RdayRef = 1.87
TPURef = 9999
VcmaxRef = 46.73
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

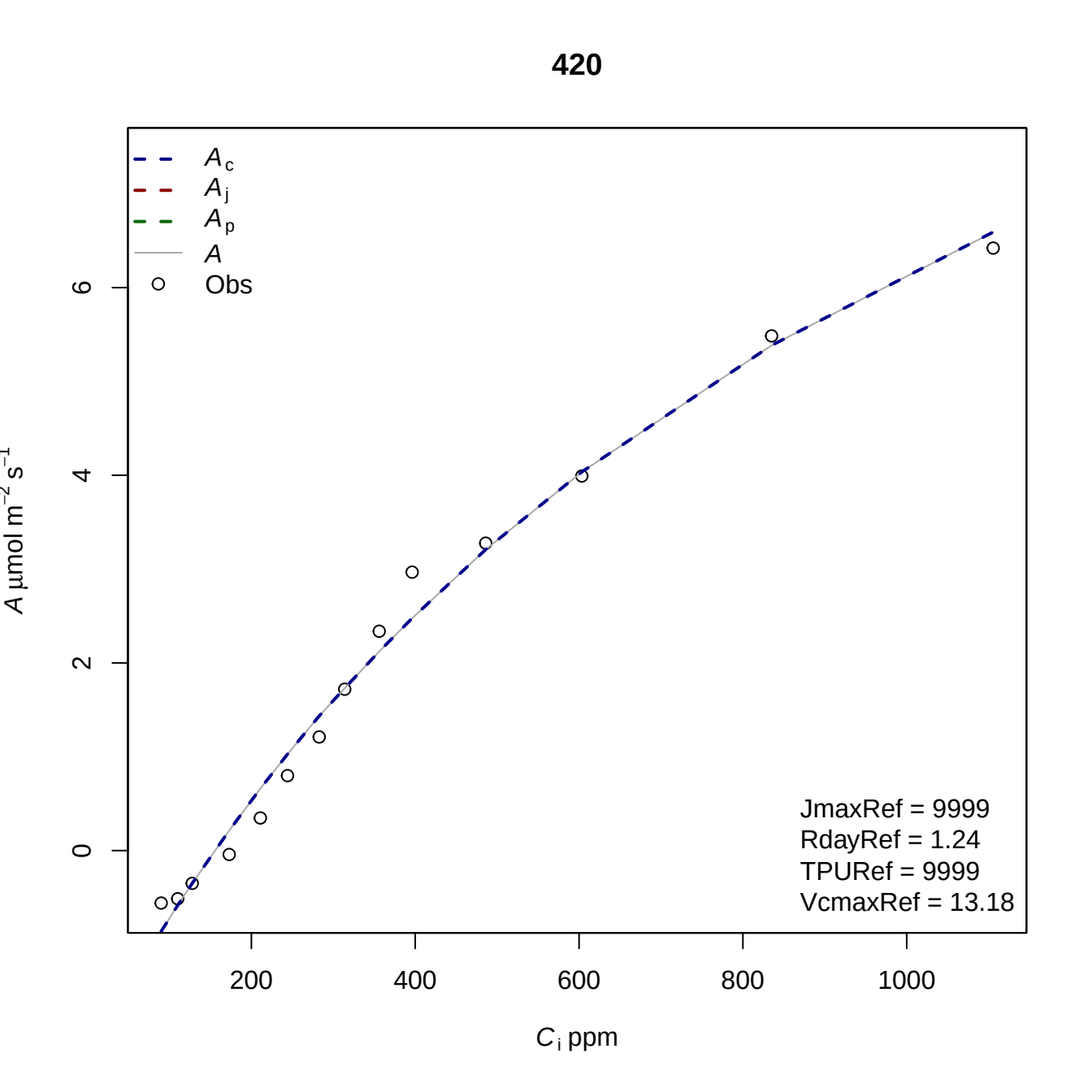

415
A_c
A_j
A_p
A
Obs
JmaxRef = 73.95
RdayRef = 1.93
TPURef = 9999
VcmaxRef = 40.13
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

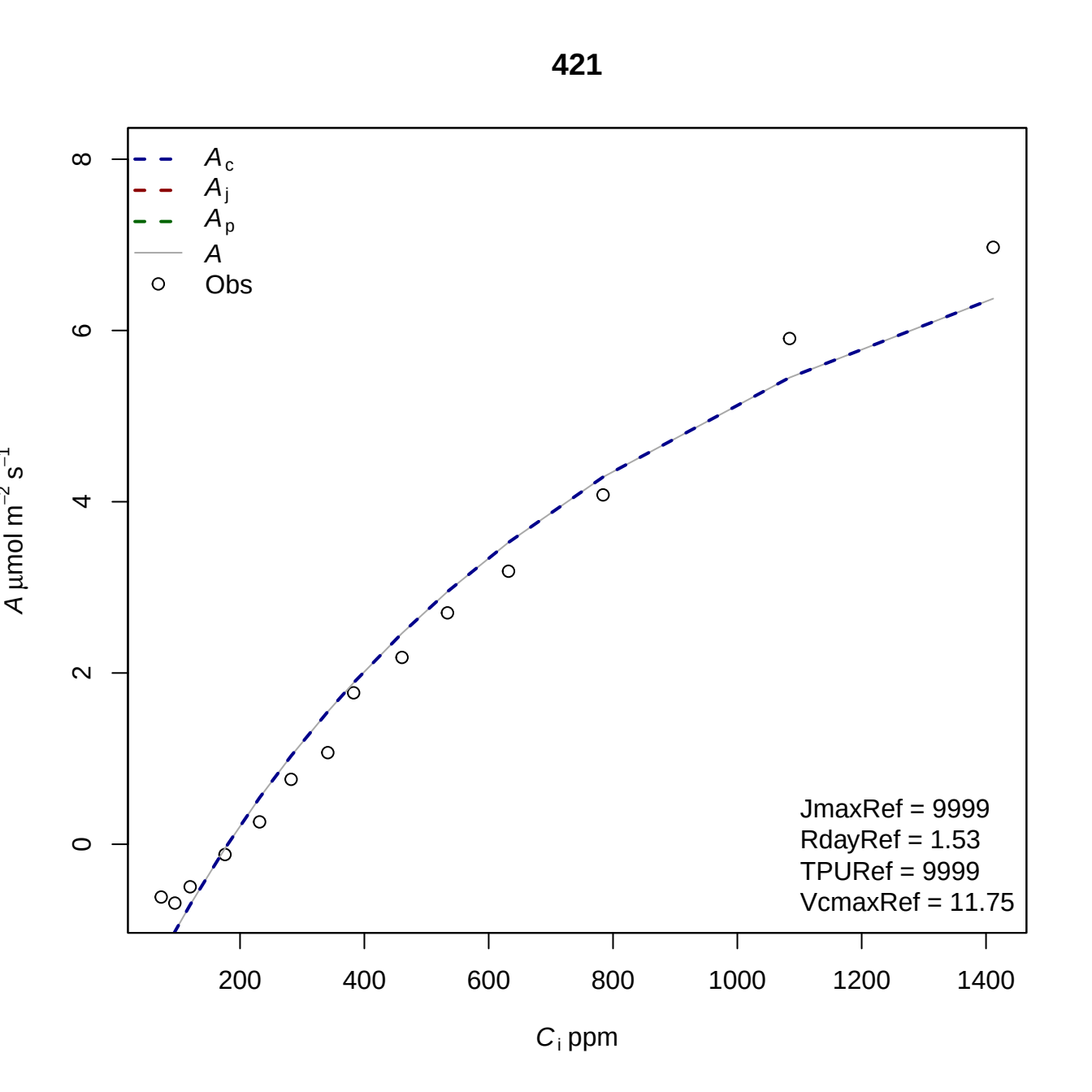

416
A_c
A_j
A_p
A
Obs
JmaxRef = 70.67
RdayRef = 1.23
TPURef = 9999
VcmaxRef = 46.8
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

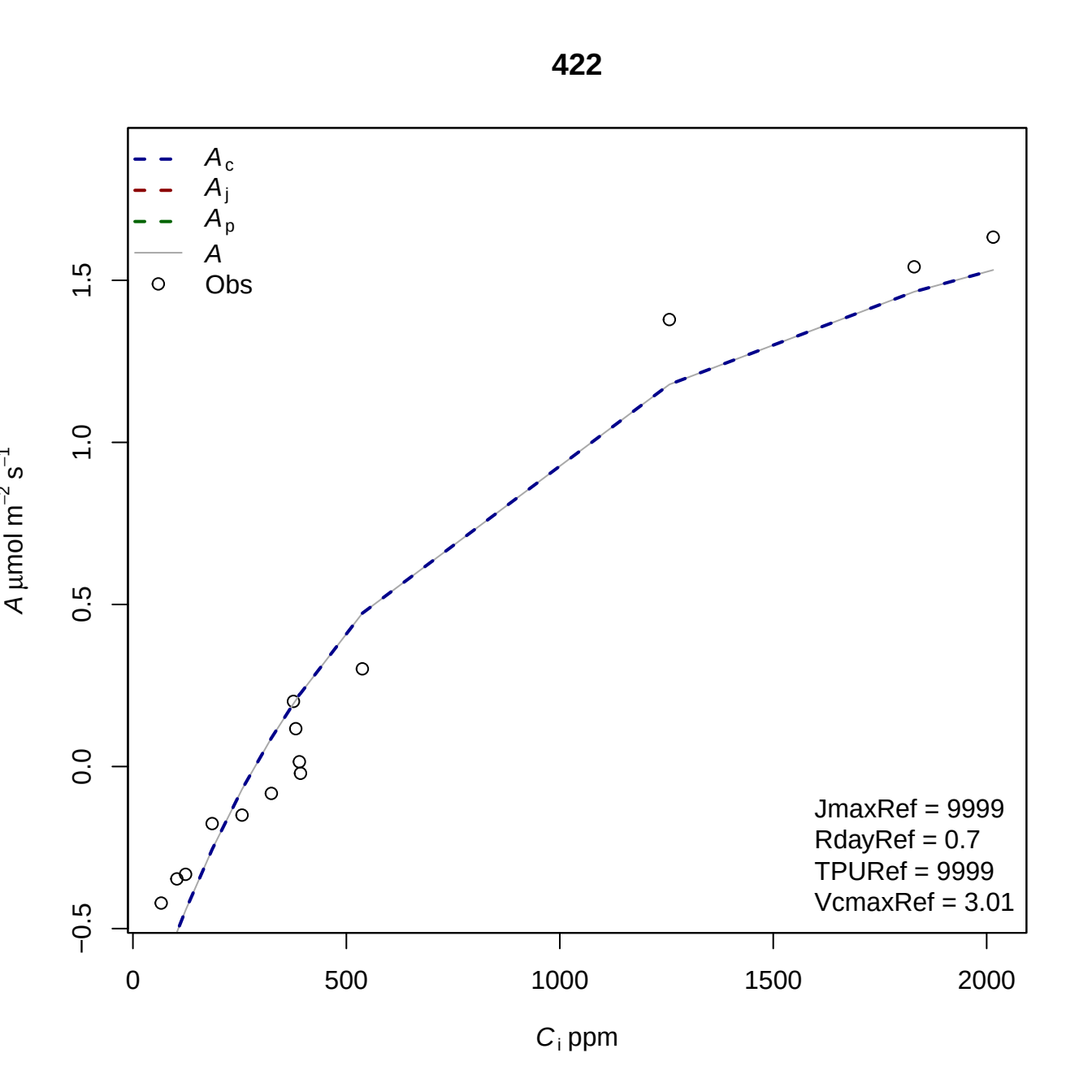

417
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.84
TPURef = 3.84
VcmaxRef = 26.93
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000
1200

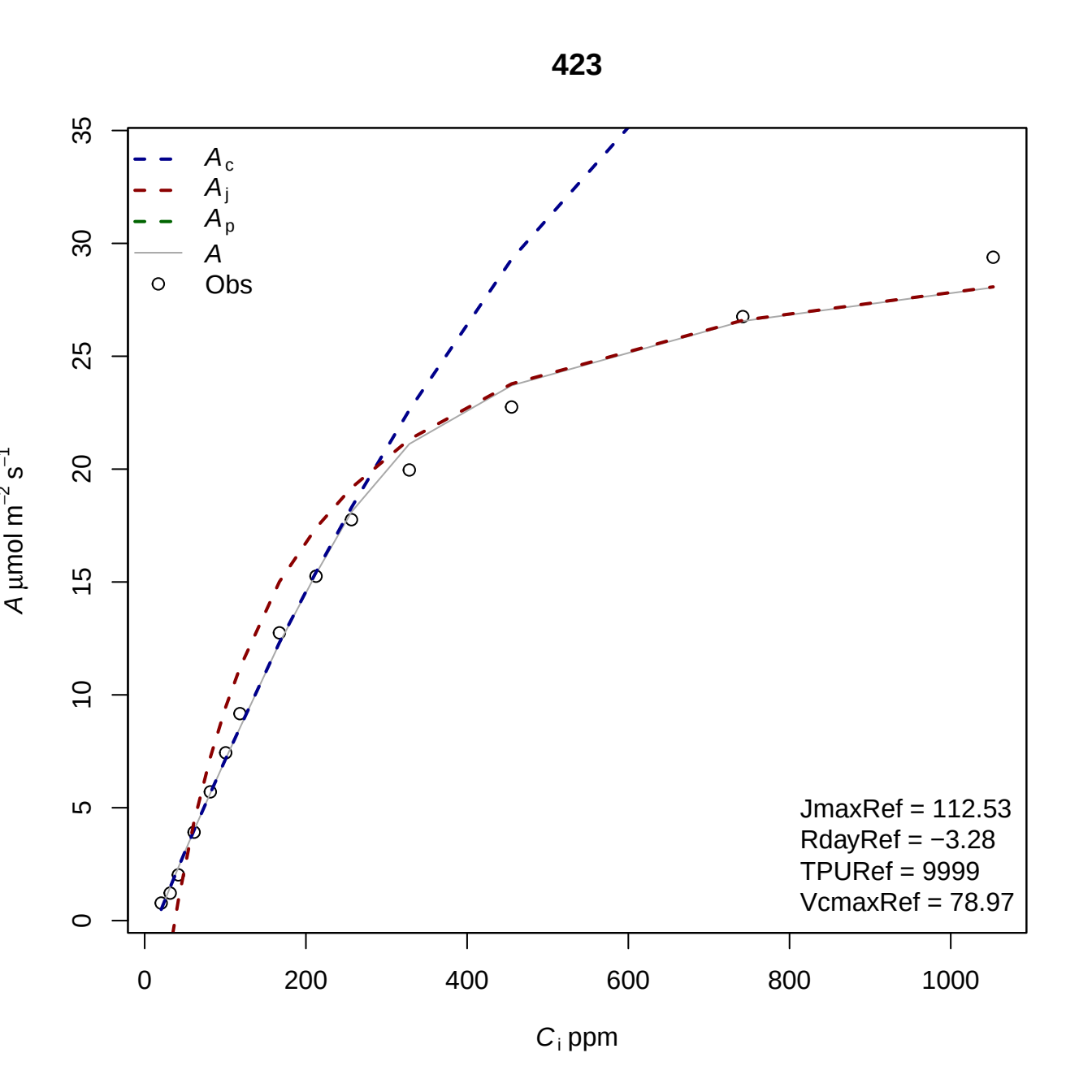

418
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.59
TPURef = 9999
VcmaxRef = 3.27
A µmol m^{-2} s^{-1}
−0.5
0.0
0.5
1.0
1.5
200
400
600
800
1000
1200
C_i ppm

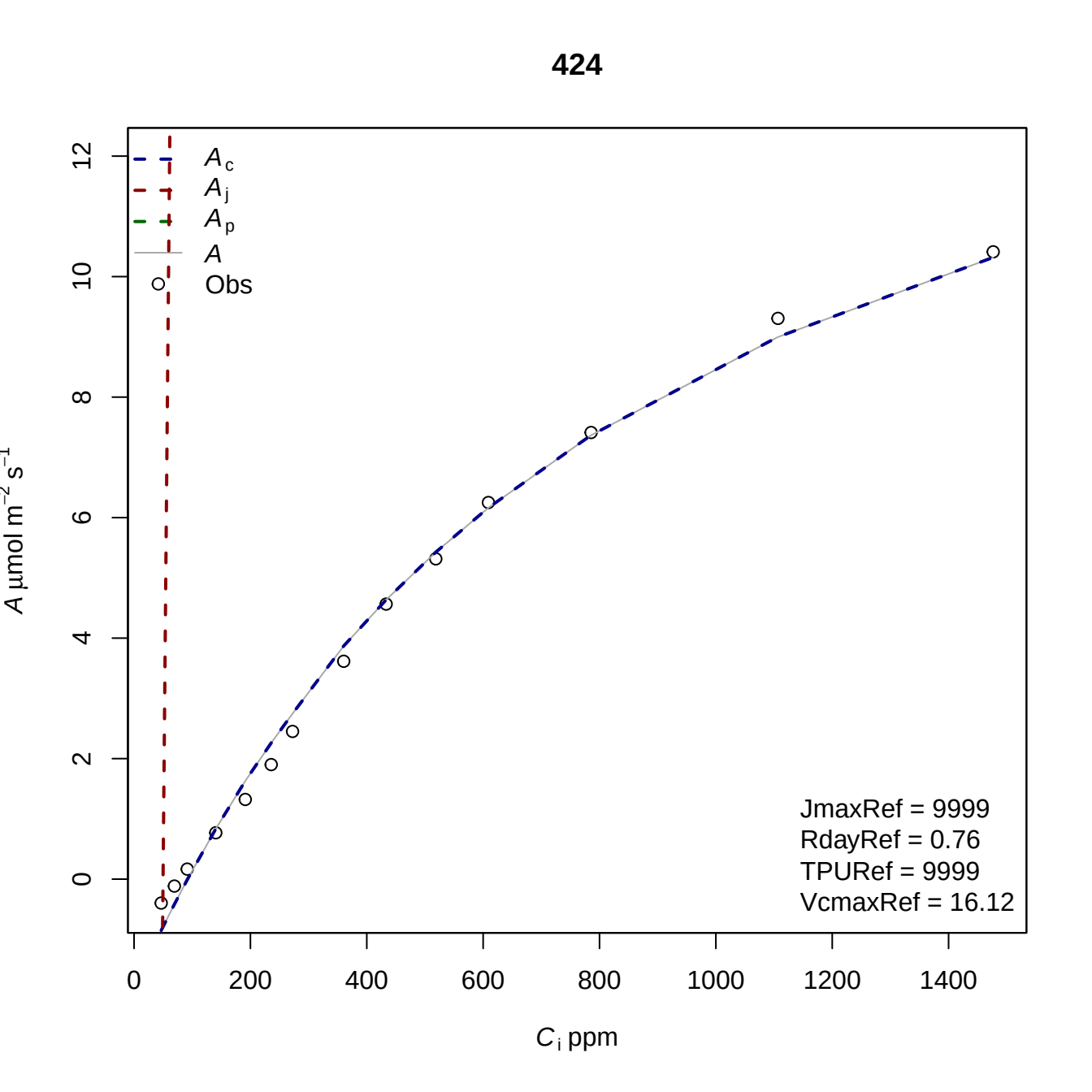

419
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 2.21
TPURef = 9999
VcmaxRef = 4.81
A µmol m^{-2} s^{-1}
C_i ppm
1.5
1.0
0.5
0.0
−0.5
−1.0
400
600
800
1000
1200
1400
1600

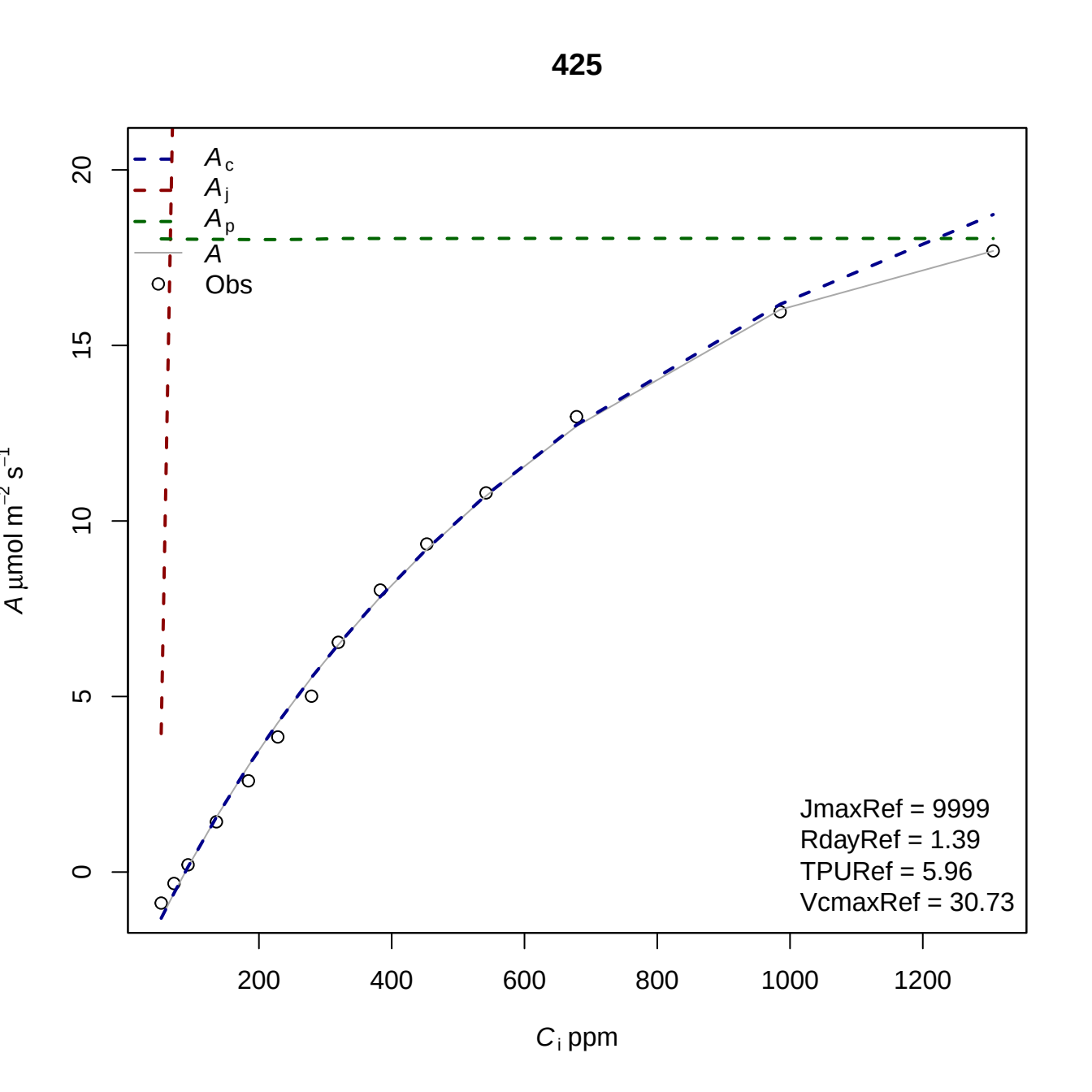

420
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.24
TPURef = 9999
VcmaxRef = 13.18
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
200
400
600
800
1000

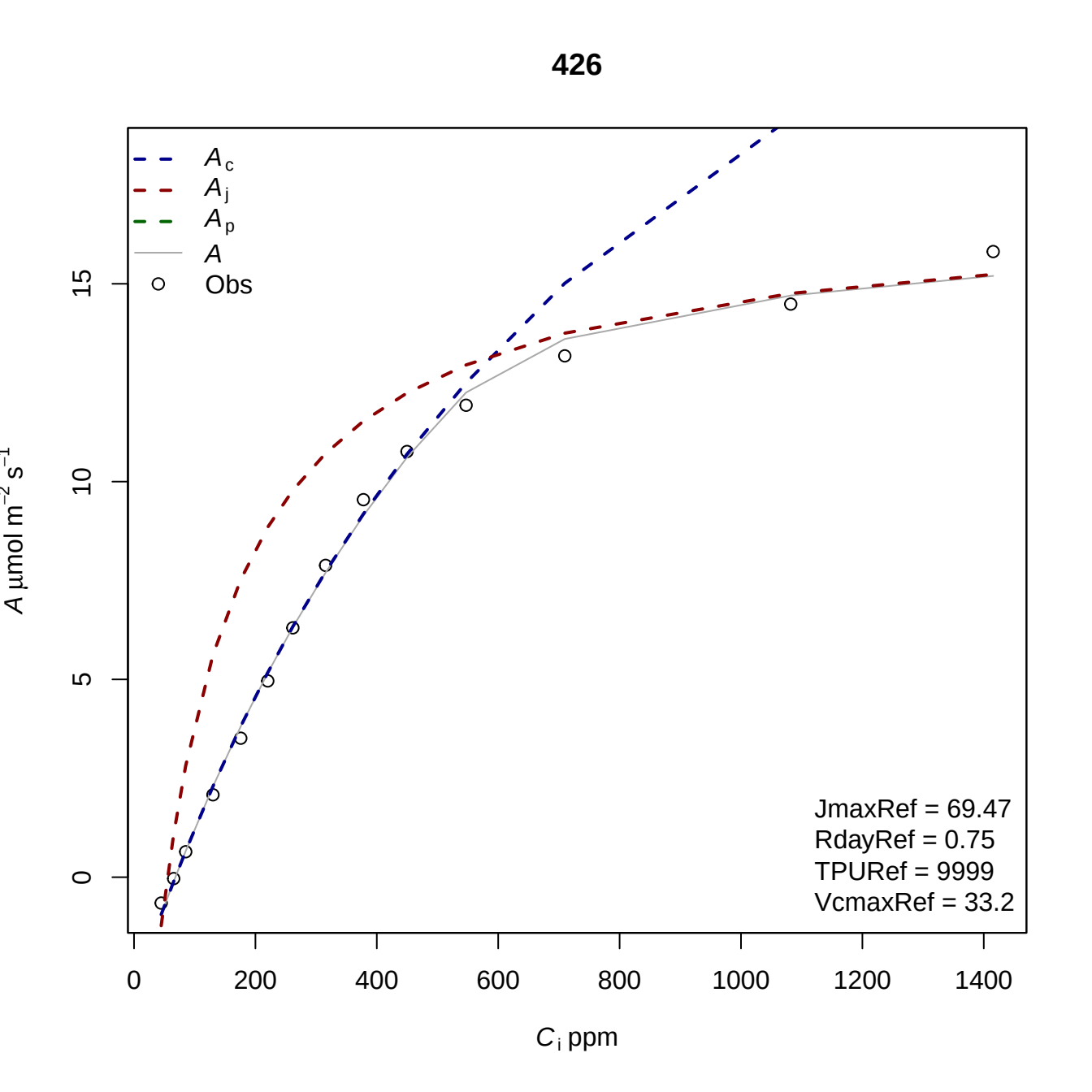

421
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.53
TPURef = 9999
VcmaxRef = 11.75
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
200
400
600
800
1000
1200
1400

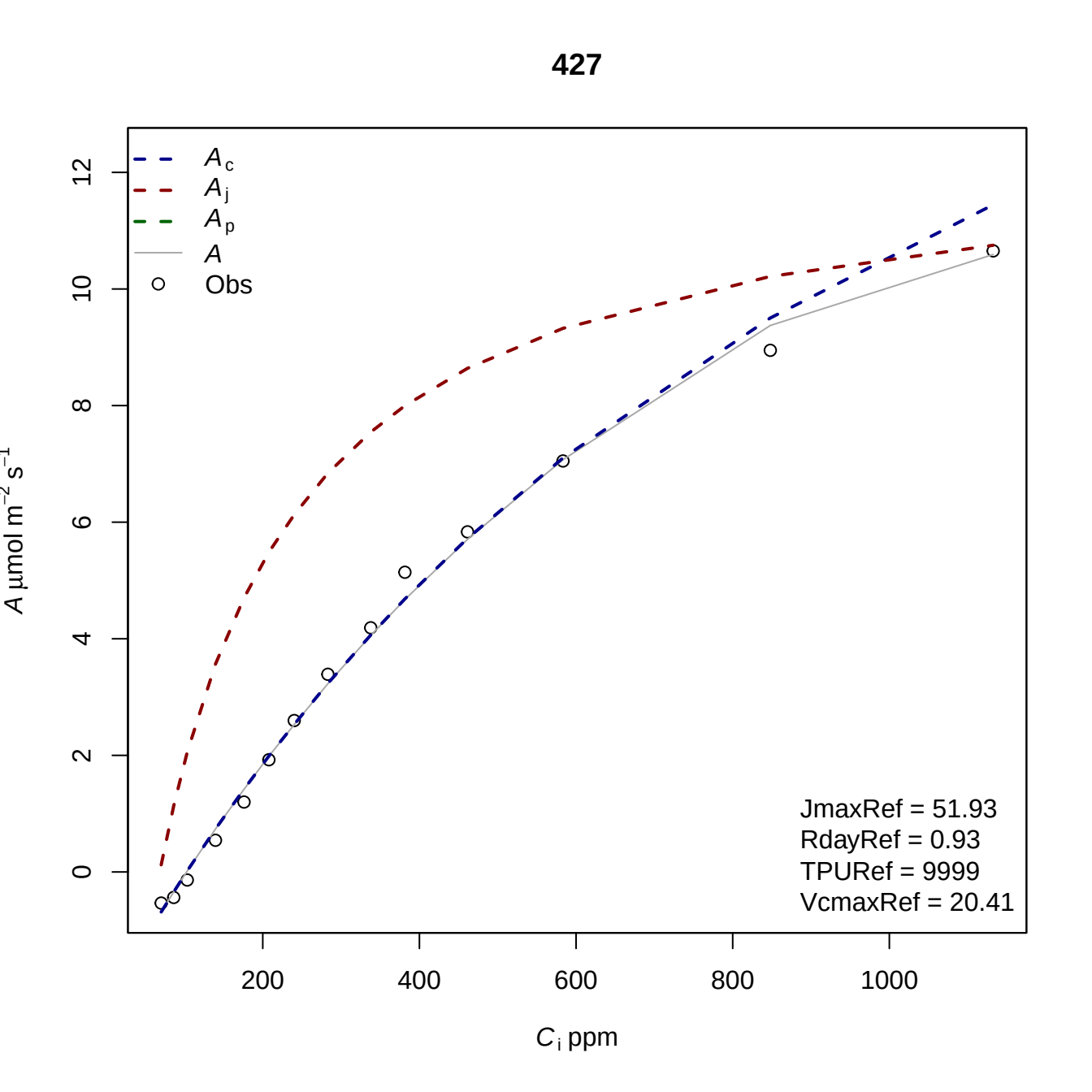

422
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.7
TPURef = 9999
VcmaxRef = 3.01
A µmol m^{-2} s^{-1}
C_i ppm
−0.5
0.0
0.5
1.0
1.5
0
500
1000
1500
2000

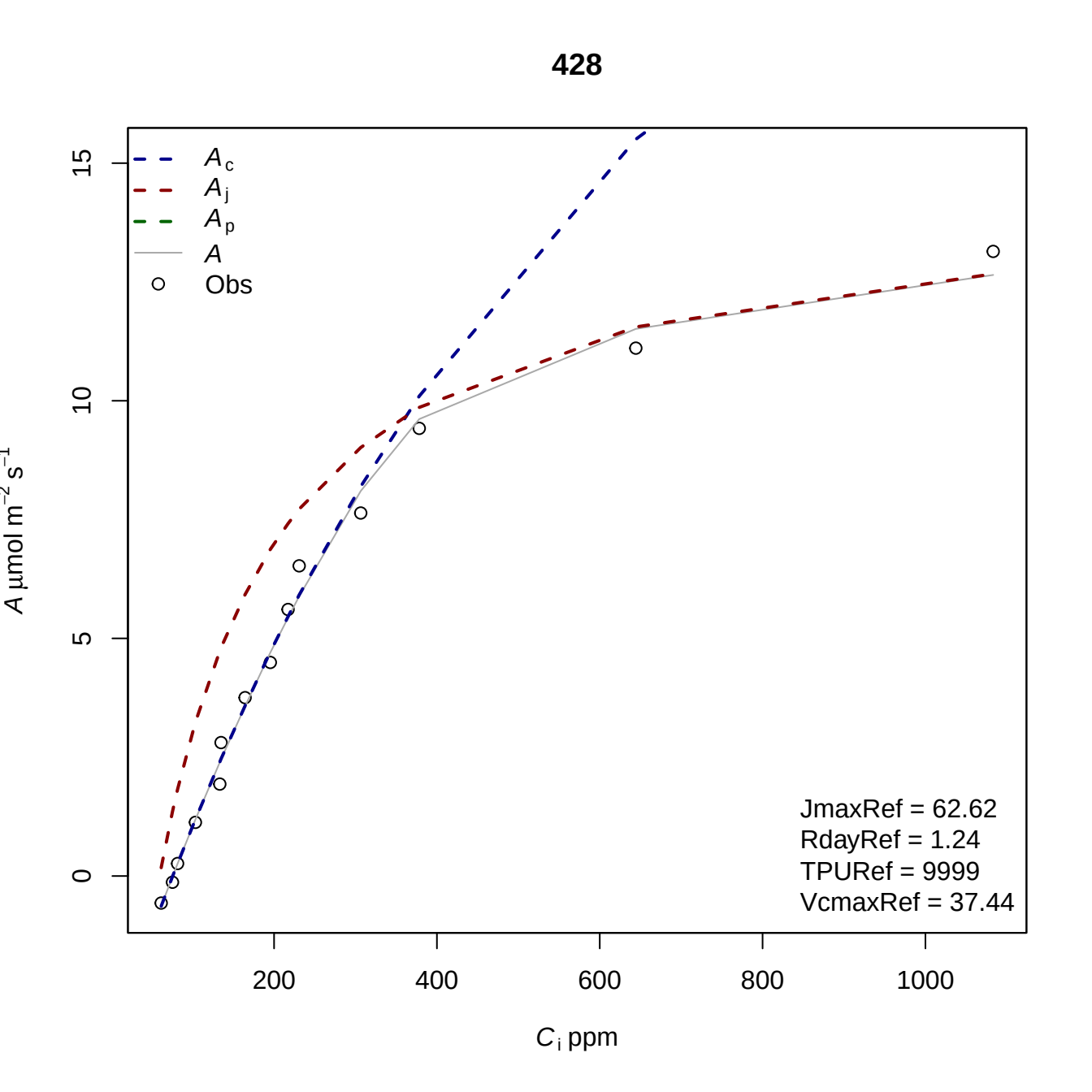

423
A_c
A_j
A_p
A
Obs
JmaxRef = 112.53
RdayRef = −3.28
TPURef = 9999
VcmaxRef = 78.97
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
200
400
600
800
1000

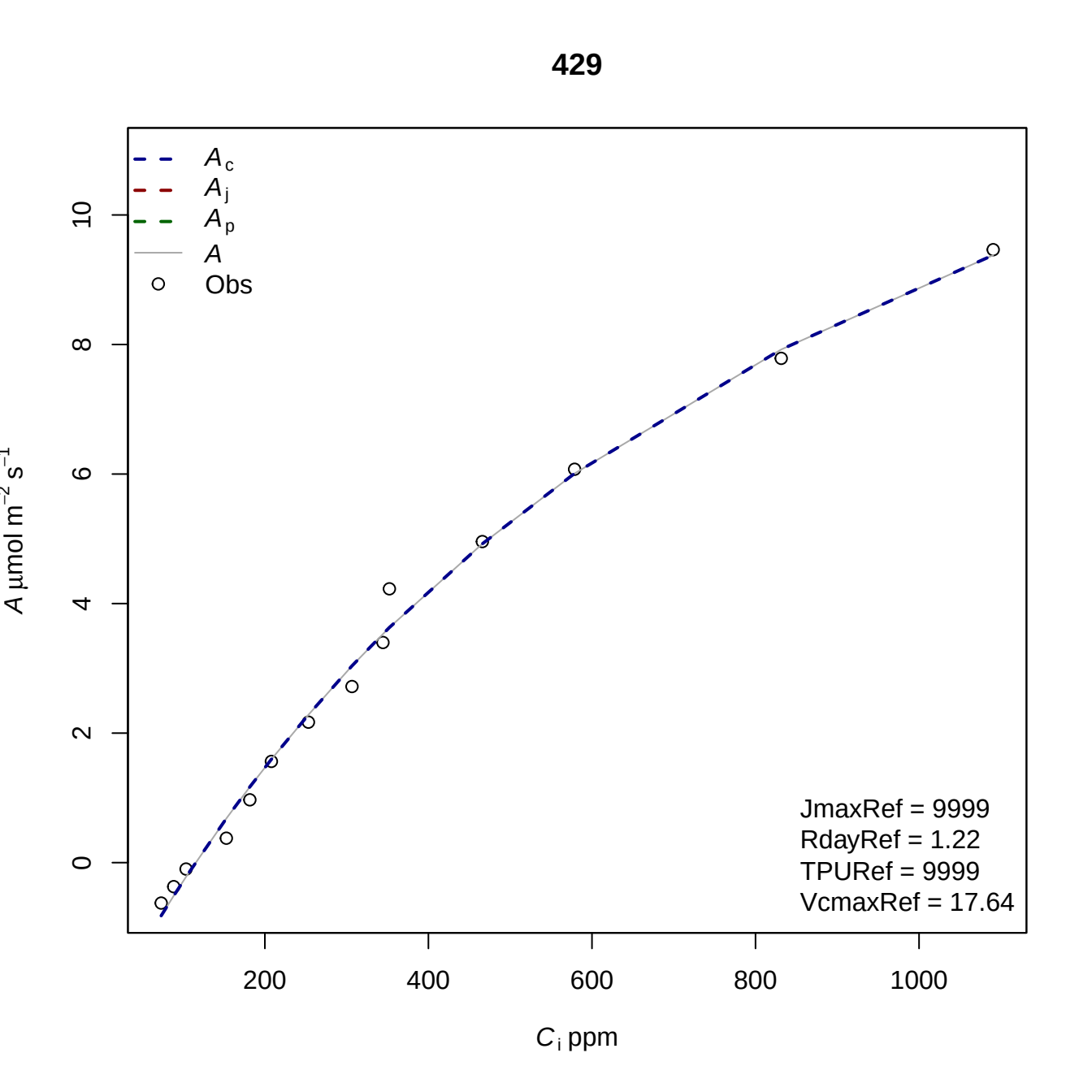

424
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.76
TPURef = 9999
VcmaxRef = 16.12
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
0
200
400
600
800
1000
1200
1400

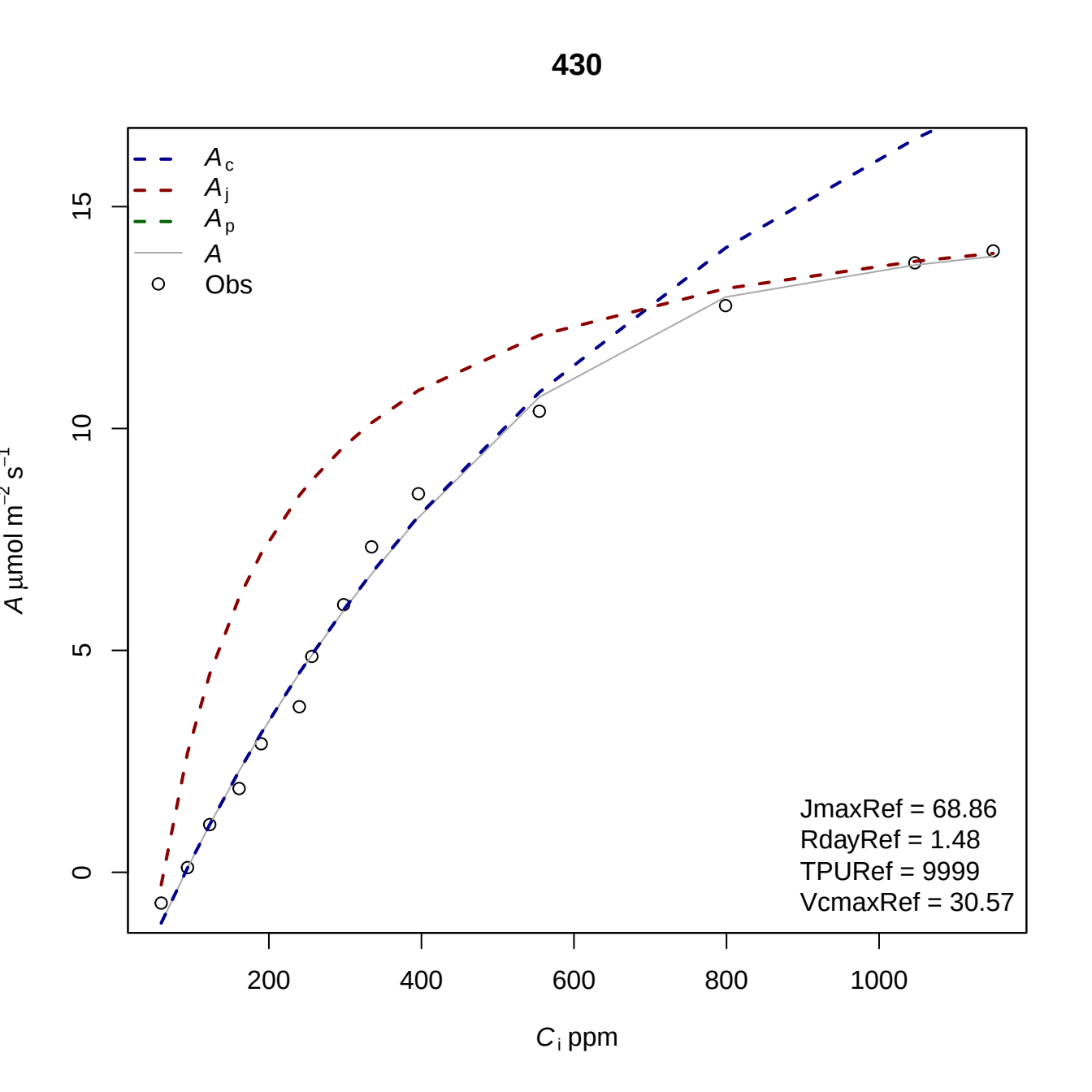

425
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.39
TPURef = 5.96
VcmaxRef = 30.73
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

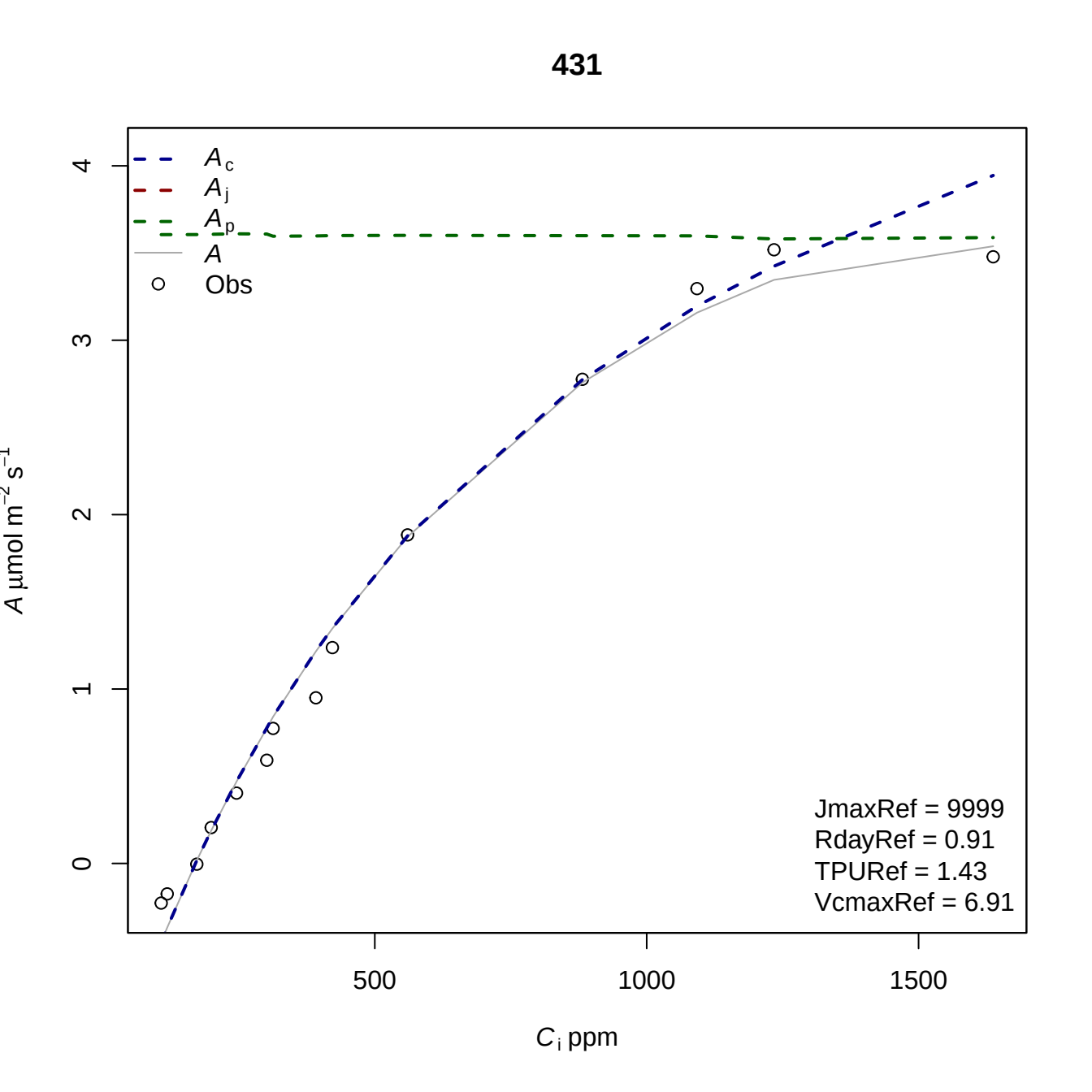

426
A_c
A_j
A_p
A
Obs
JmaxRef = 69.47
RdayRef = 0.75
TPURef = 9999
VcmaxRef = 33.2
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

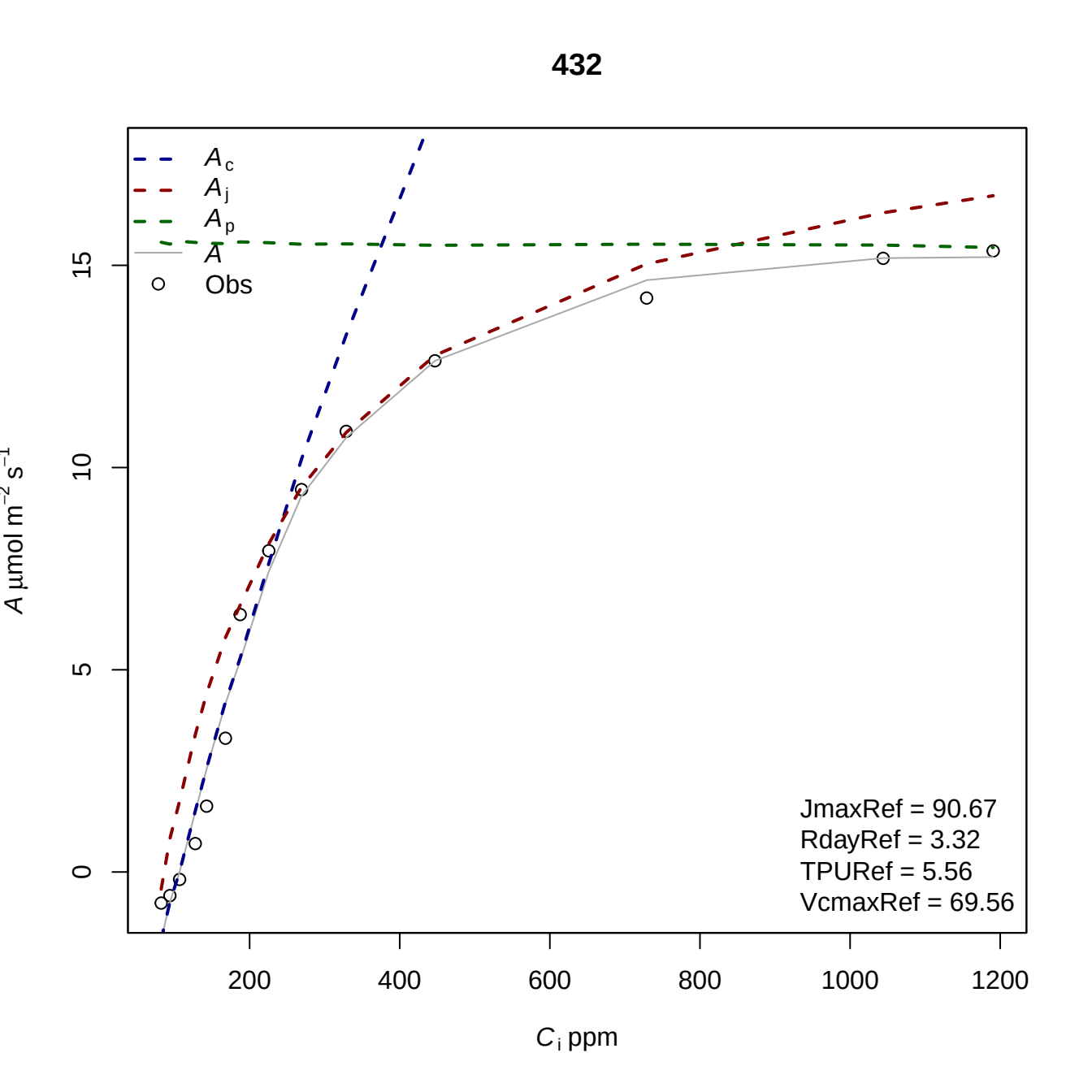

427
A_c
A_j
A_p
A
Obs
JmaxRef = 51.93
RdayRef = 0.93
TPURef = 9999
VcmaxRef = 20.41
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000

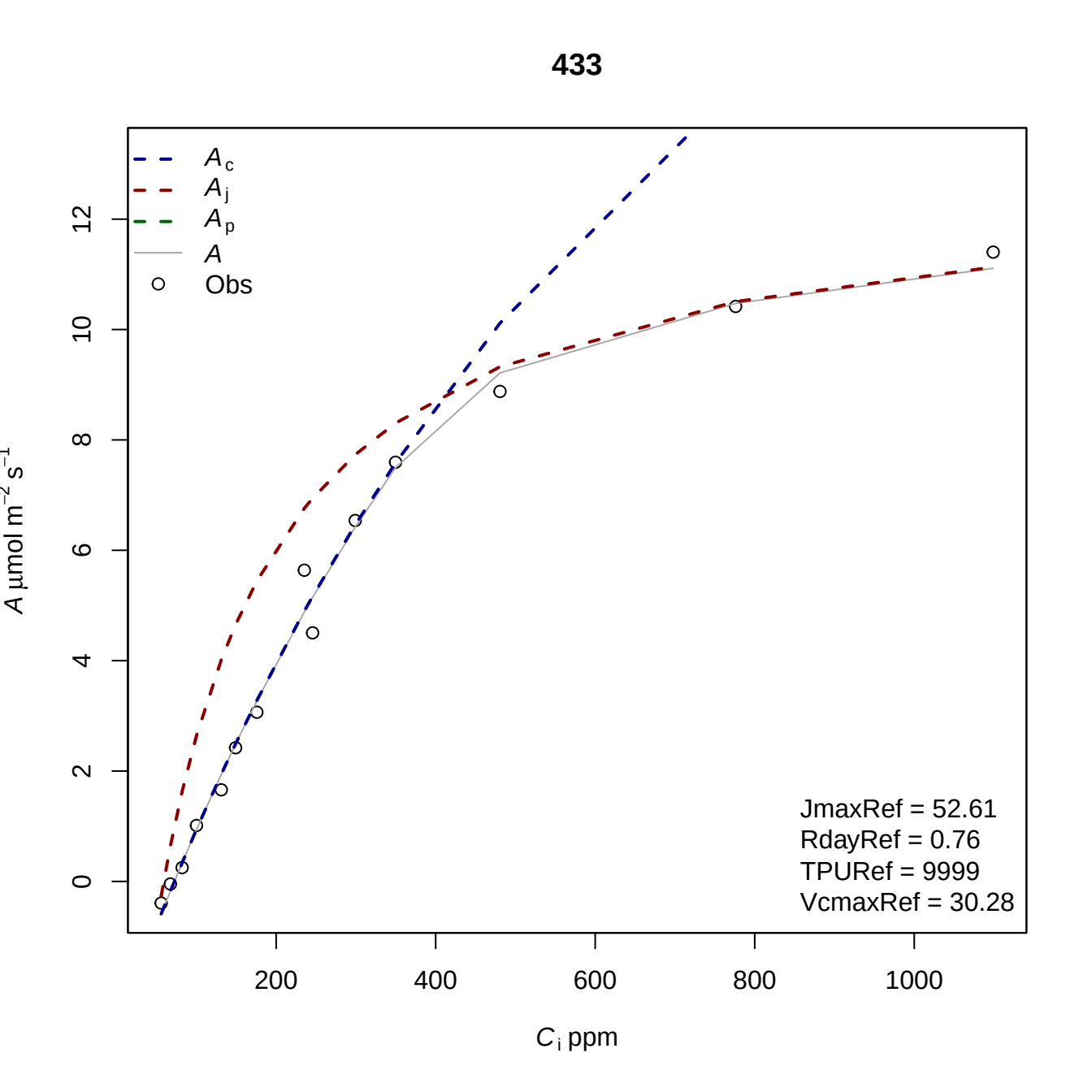

428
A_c
A_j
A_p
A
Obs
JmaxRef = 62.62
RdayRef = 1.24
TPURef = 9999
VcmaxRef = 37.44
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000

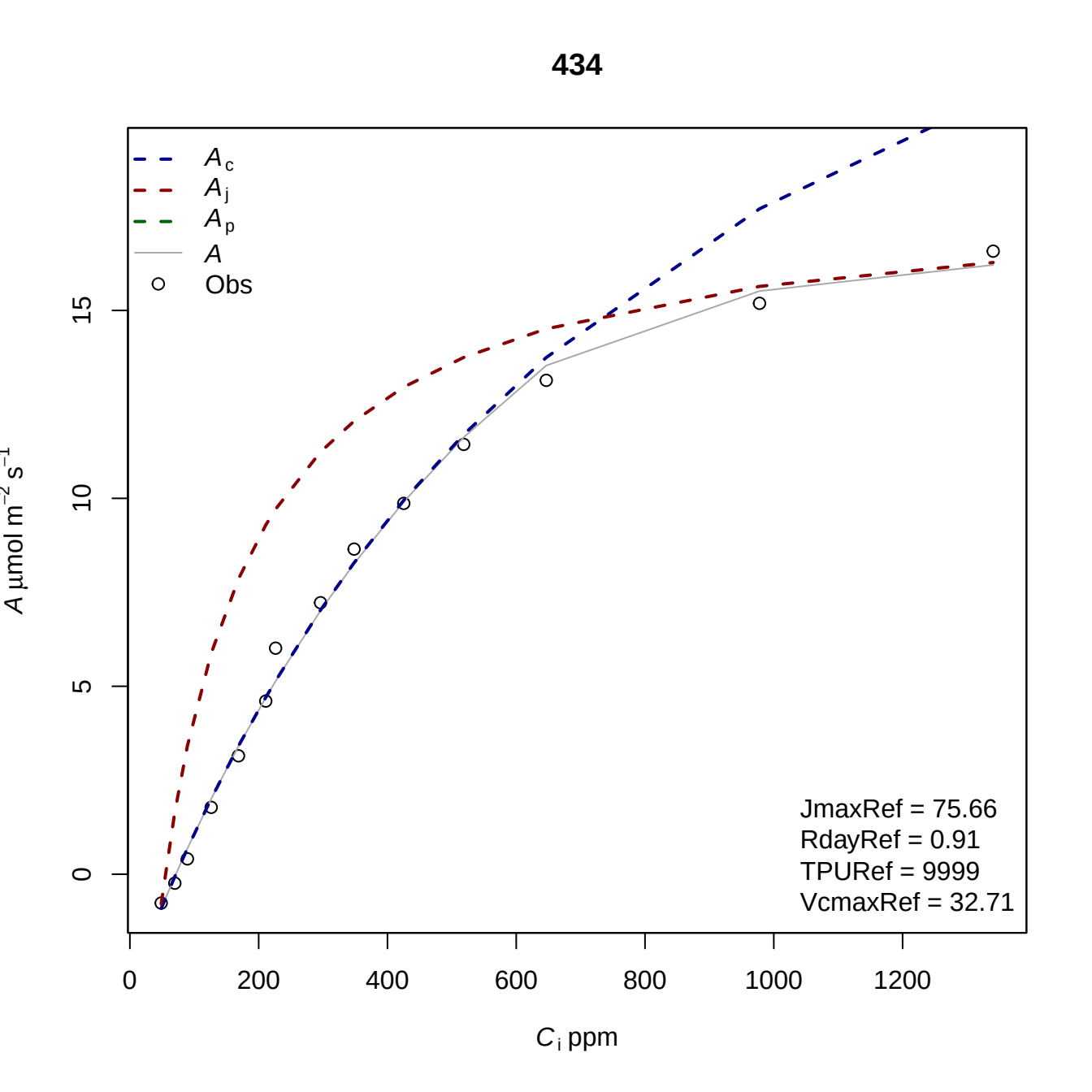

429
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.22
TPURef = 9999
VcmaxRef = 17.64
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000

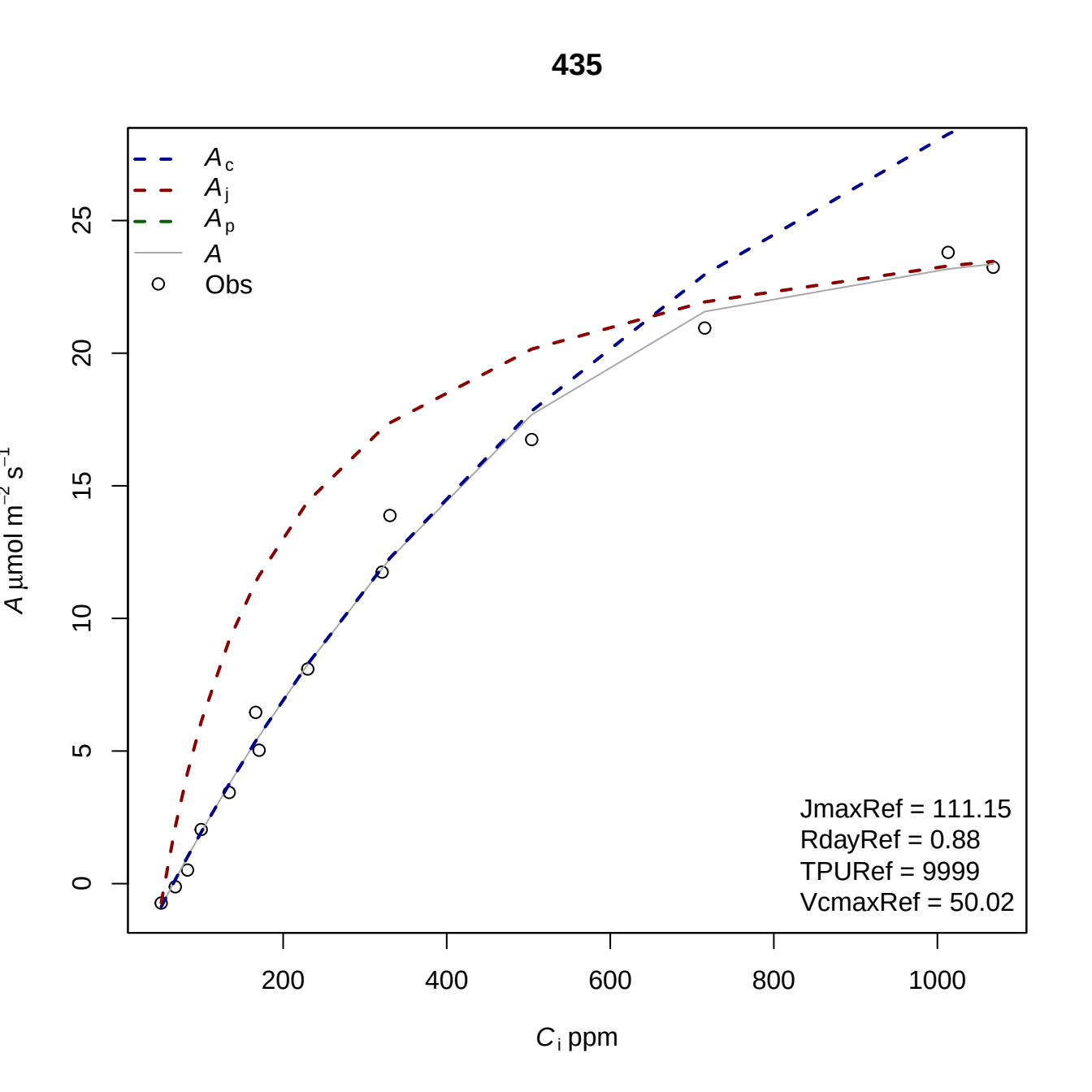

430
A_c
A_j
A_p
A
Obs
JmaxRef = 68.86
RdayRef = 1.48
TPURef = 9999
VcmaxRef = 30.57
0
5
10
15
200
400
600
800
1000
A µmol m^{-2} s^{-1}
C_i ppm

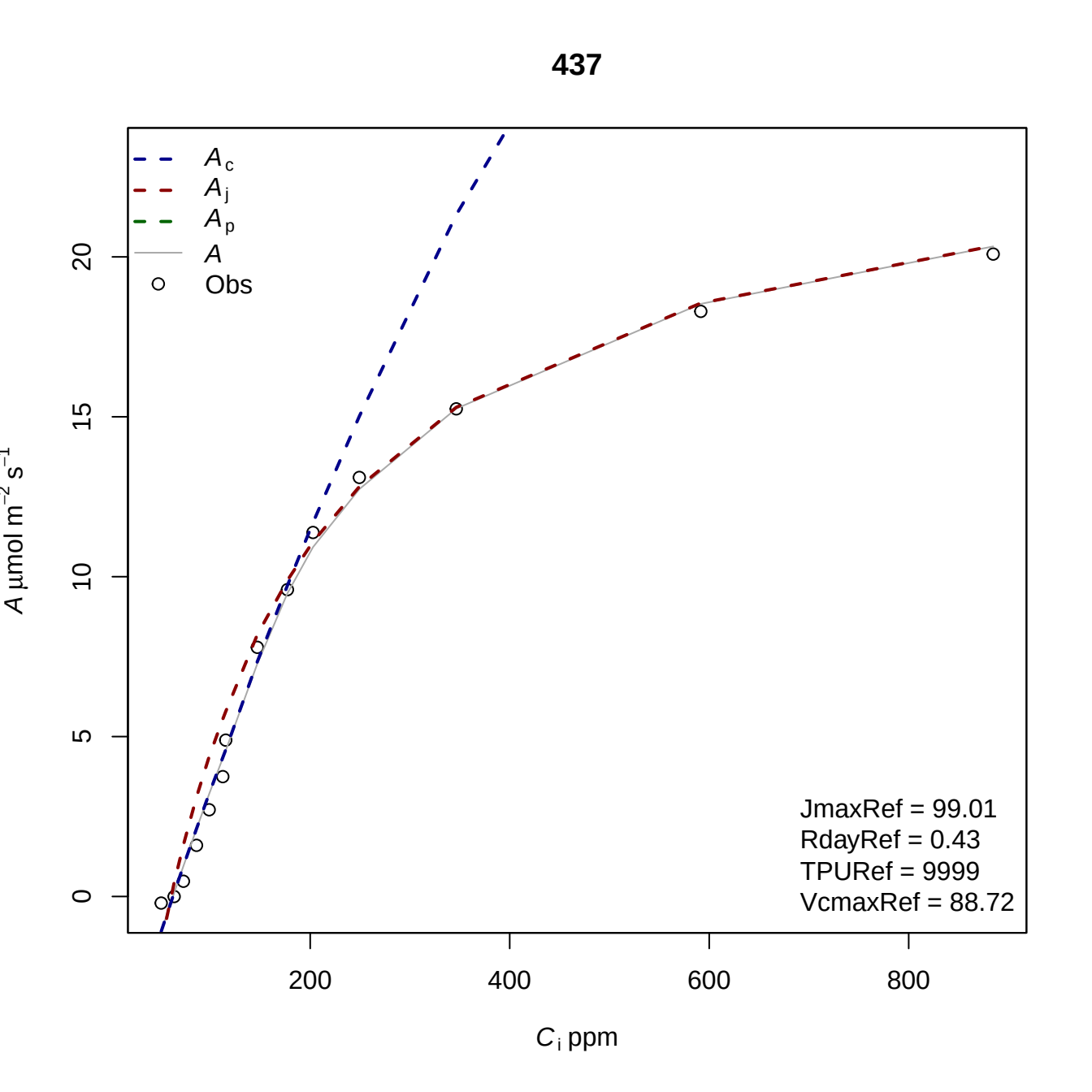

431
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.91
TPURef = 1.43
VcmaxRef = 6.91
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
500
1000
1500

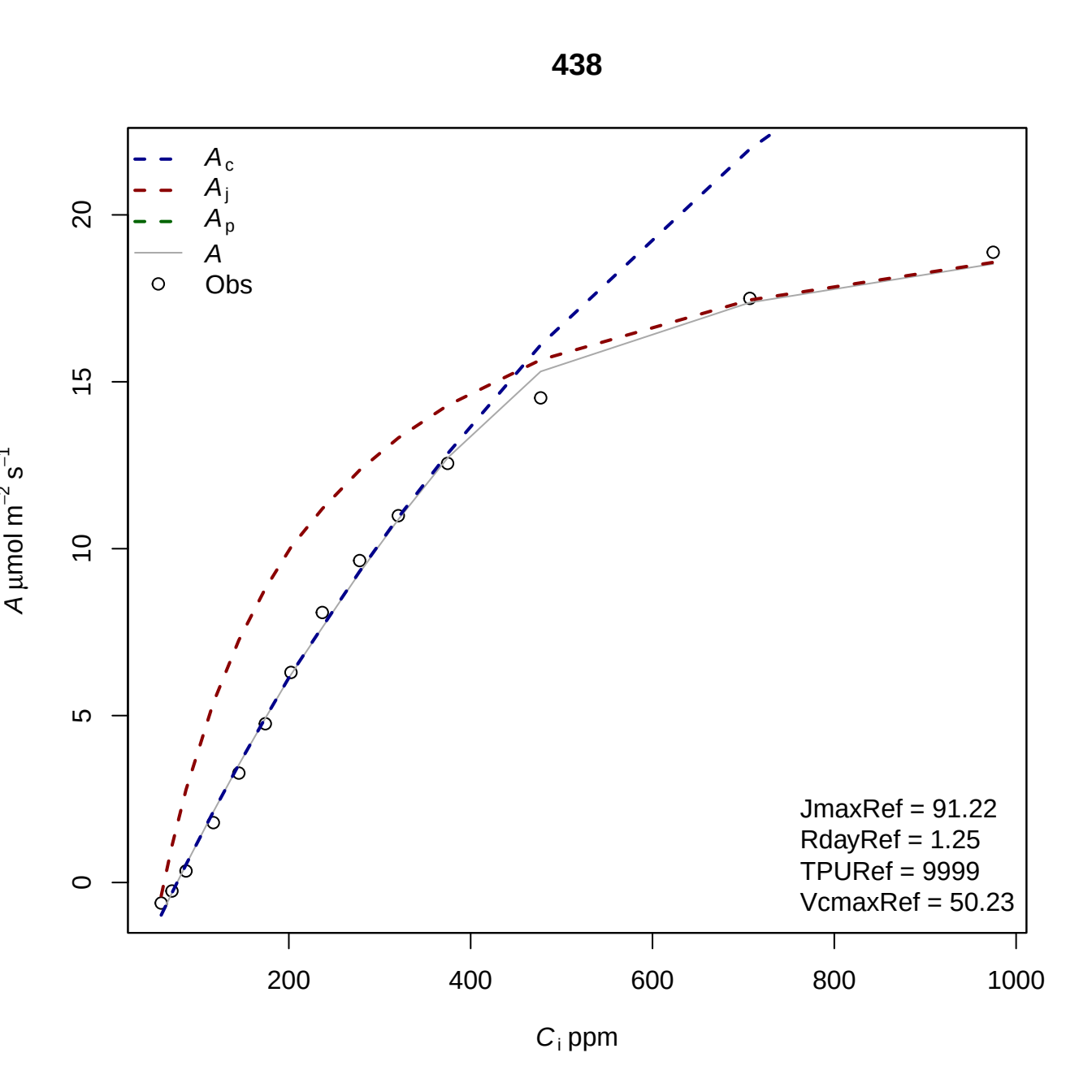

432
A_c
A_j
A_p
A
Obs
JmaxRef = 90.67
RdayRef = 3.32
TPURef = 5.56
VcmaxRef = 69.56
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

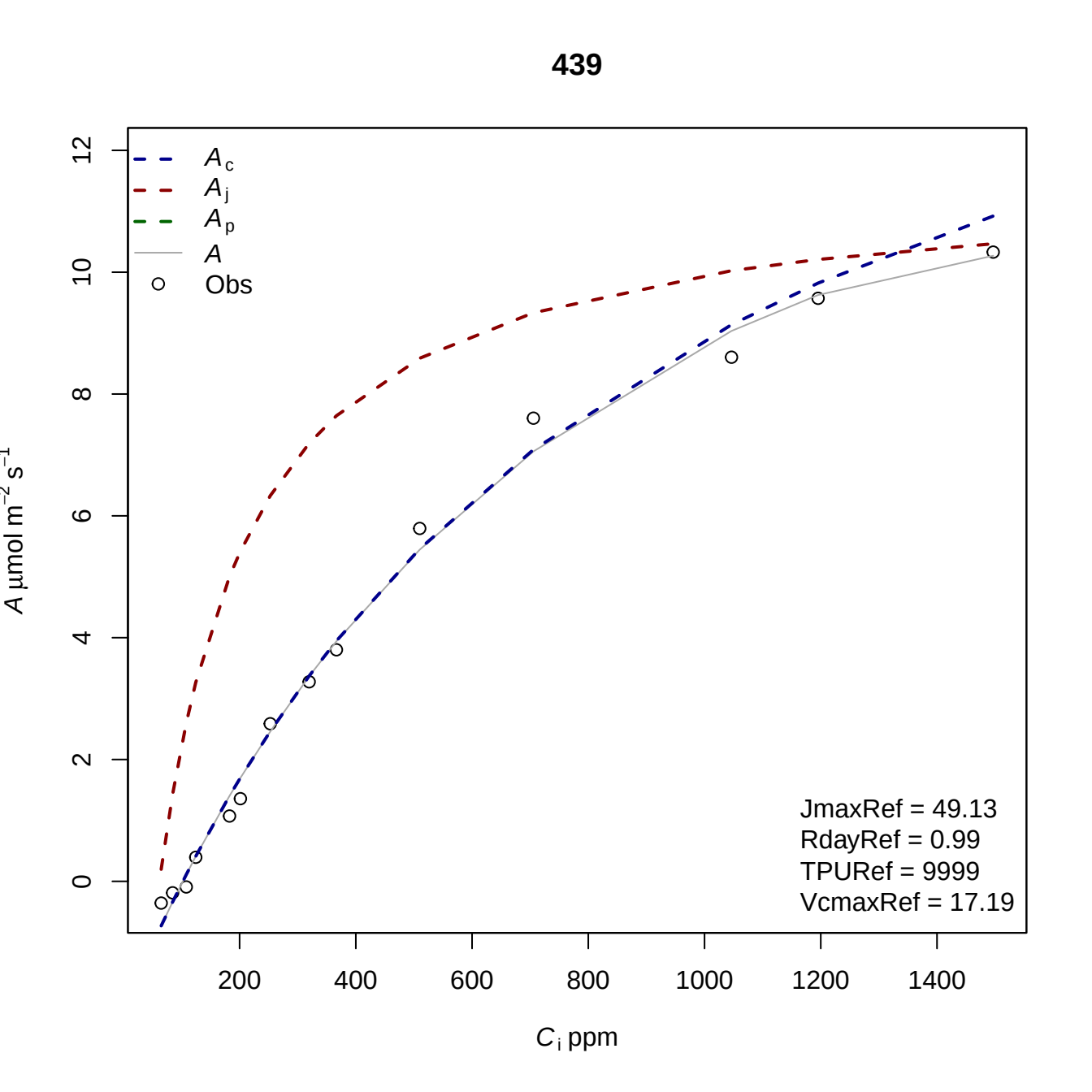

433
A_c
A_j
A_p
A
Obs
JmaxRef = 52.61
RdayRef = 0.76
TPURef = 9999
VcmaxRef = 30.28
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000

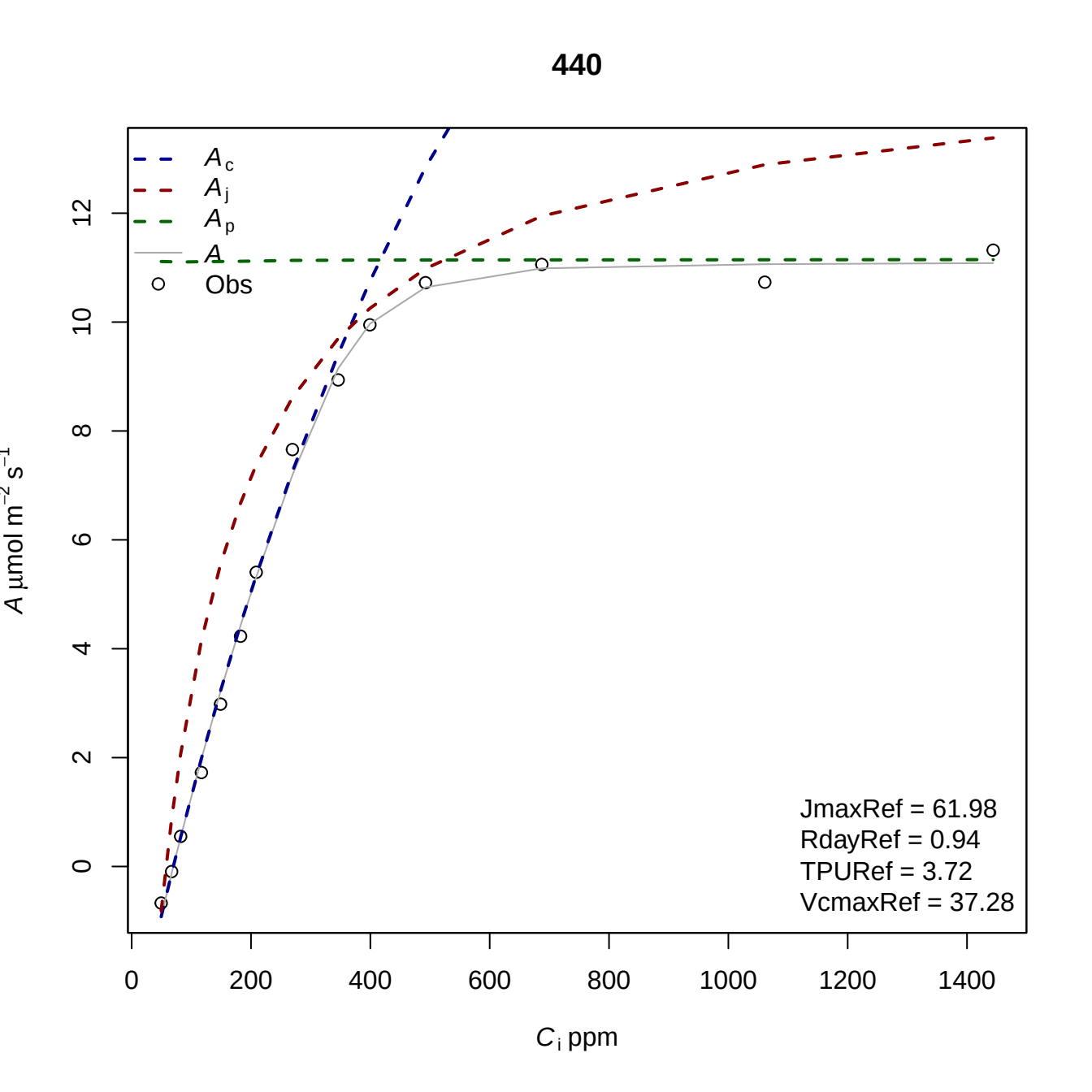

434
A_c
A_j
A_p
A
Obs
JmaxRef = 75.66
RdayRef = 0.91
TPURef = 9999
VcmaxRef = 32.71
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200

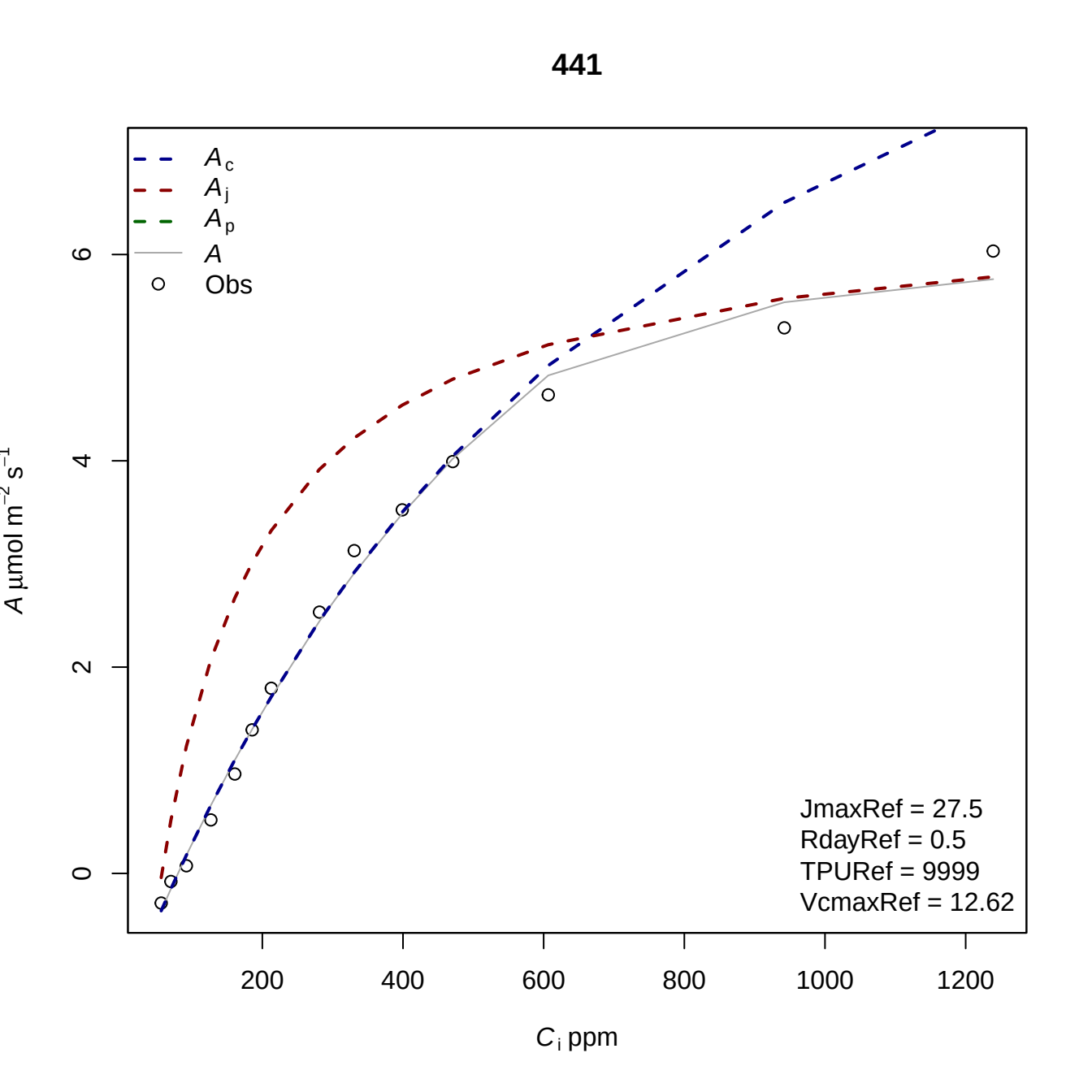

435
A_c
A_j
A_p
A
Obs
JmaxRef = 111.15
RdayRef = 0.88
TPURef = 9999
VcmaxRef = 50.02
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000

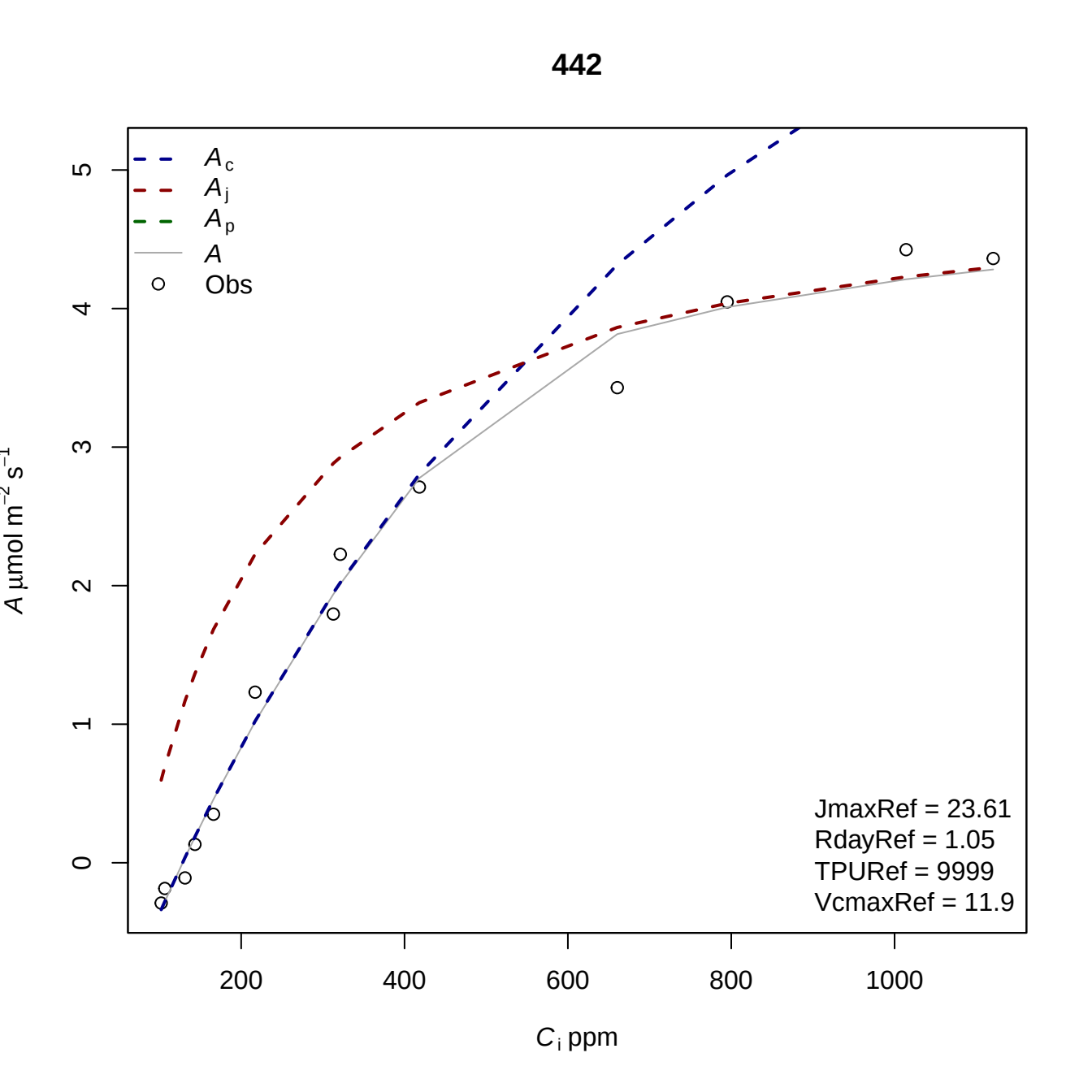

437
A_c
A_j
A_p
A
Obs
JmaxRef = 99.01
RdayRef = 0.43
TPURef = 9999
VcmaxRef = 88.72
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800

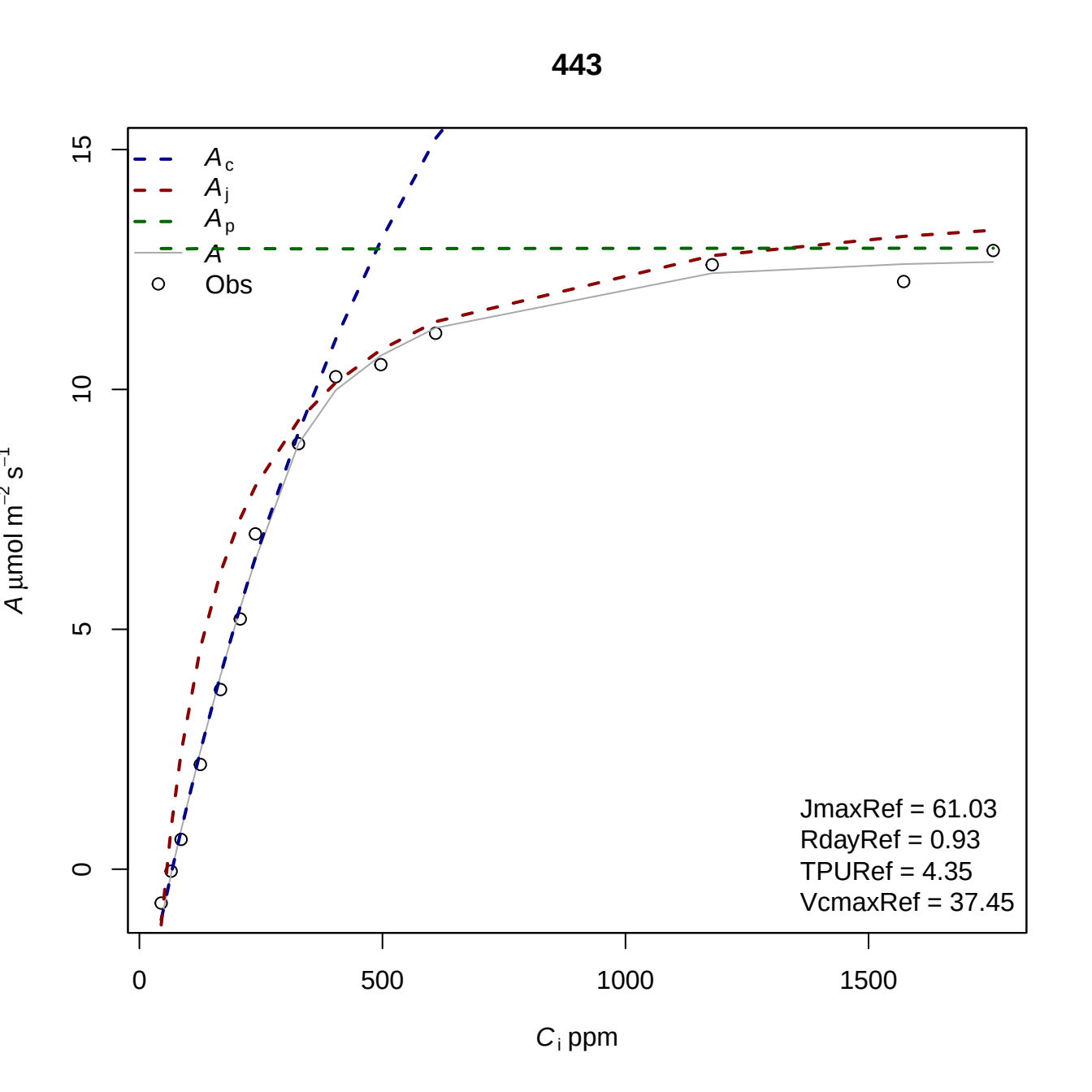

438
A_c
A_j
A_p
A
Obs
JmaxRef = 91.22
RdayRef = 1.25
TPURef = 9999
VcmaxRef = 50.23
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

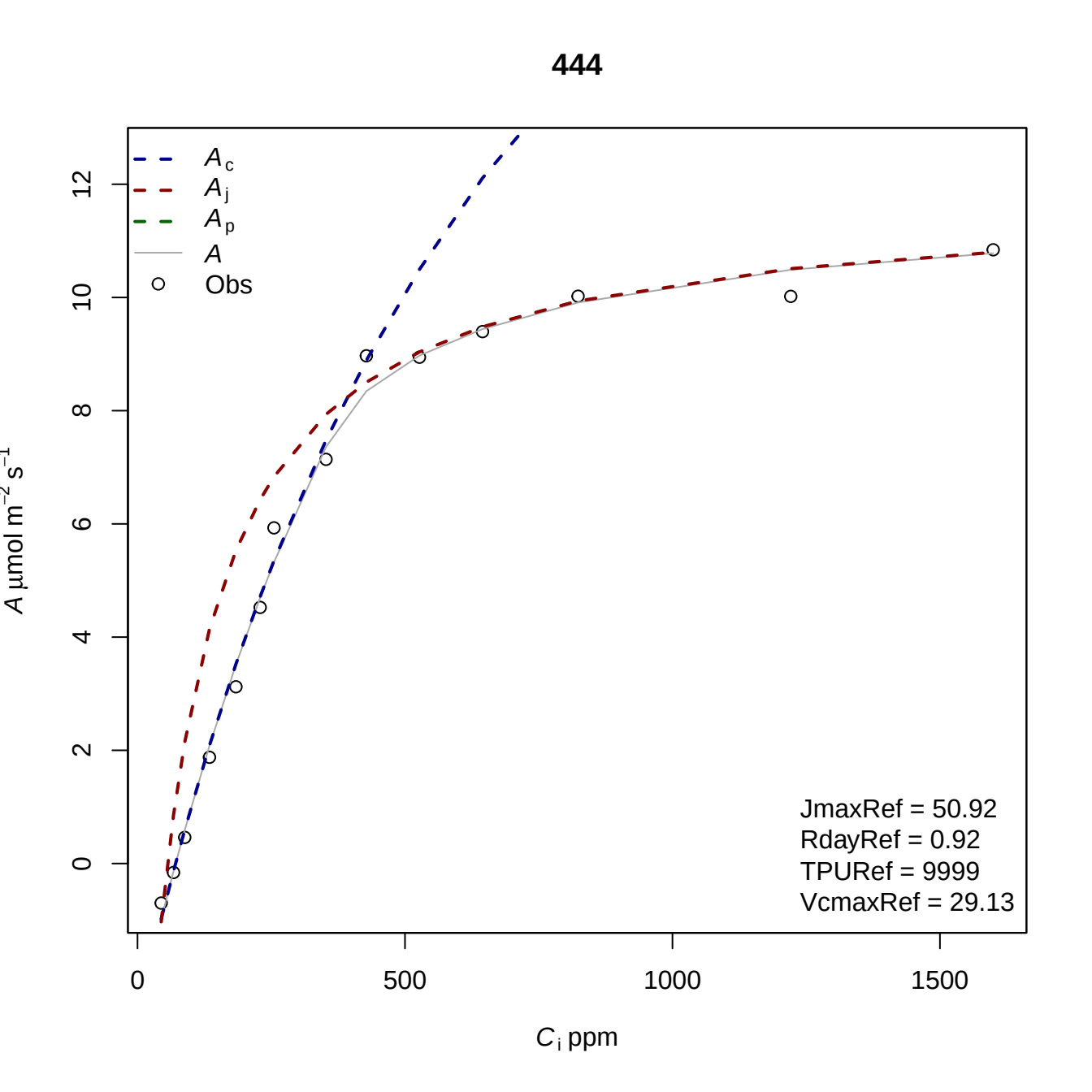

439
A_c
A_j
A_p
A
Obs
JmaxRef = 49.13
RdayRef = 0.99
TPURef = 9999
VcmaxRef = 17.19
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000
1200
1400

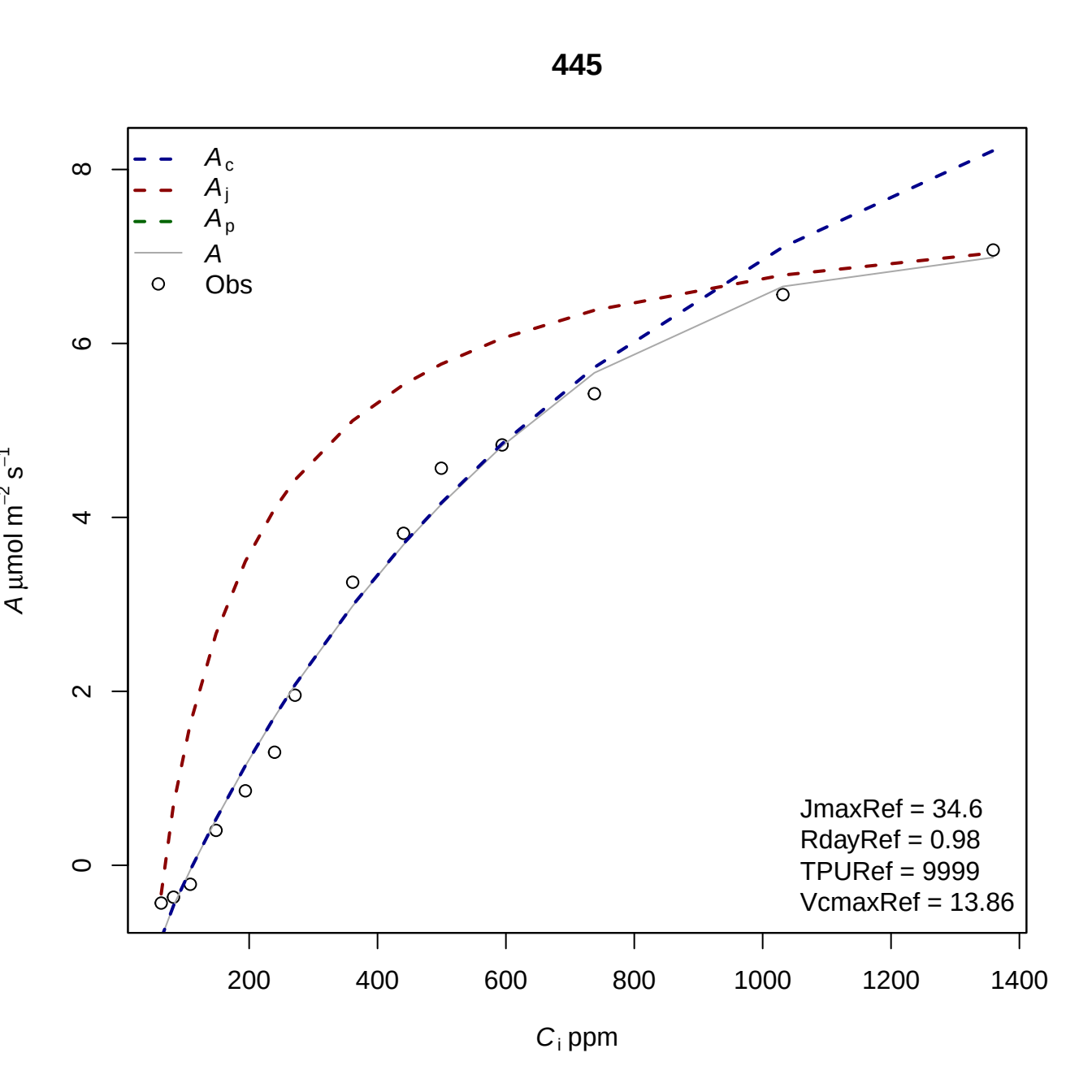

440
A_c
A_j
A_p
A
Obs
JmaxRef = 61.98
RdayRef = 0.94
TPURef = 3.72
VcmaxRef = 37.28
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
0
200
400
600
800
1000
1200
1400

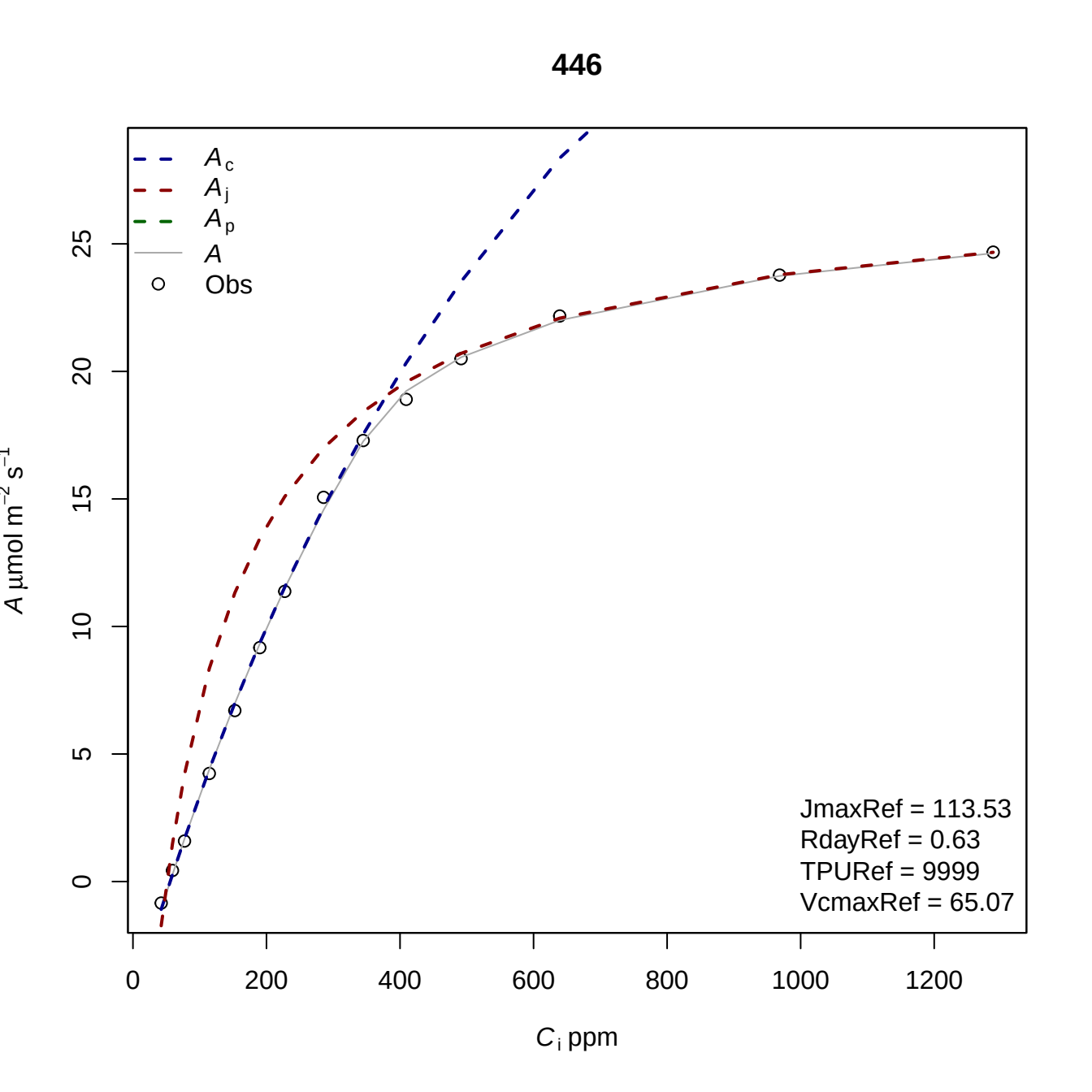

441
A_c
A_j
A_p
A
Obs
JmaxRef = 27.5
RdayRef = 0.5
TPURef = 9999
VcmaxRef = 12.62
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
200
400
600
800
1000
1200

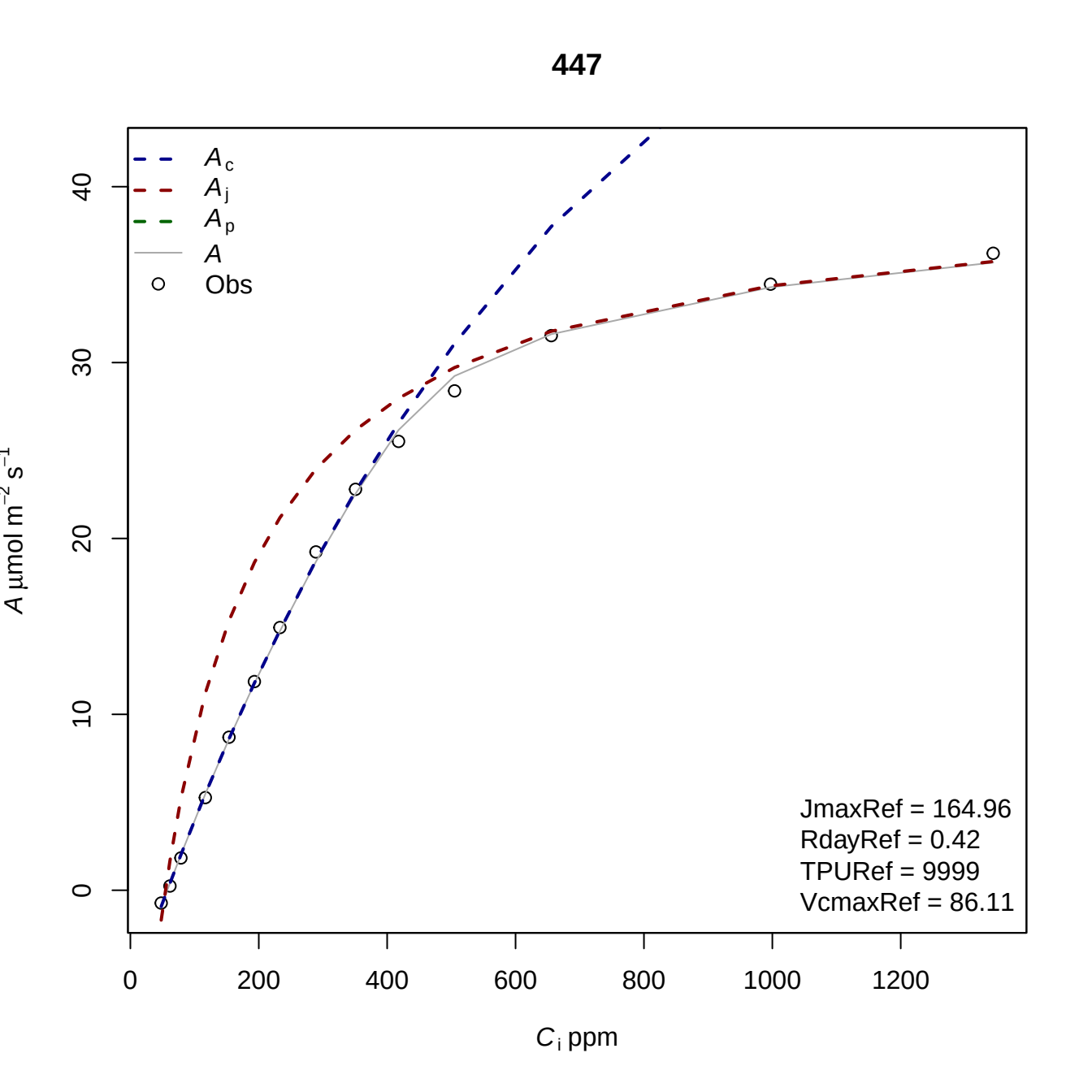

442
A_c
A_j
A_p
A
Obs
JmaxRef = 23.61
RdayRef = 1.05
TPURef = 9999
VcmaxRef = 11.9
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
5
200
400
600
800
1000

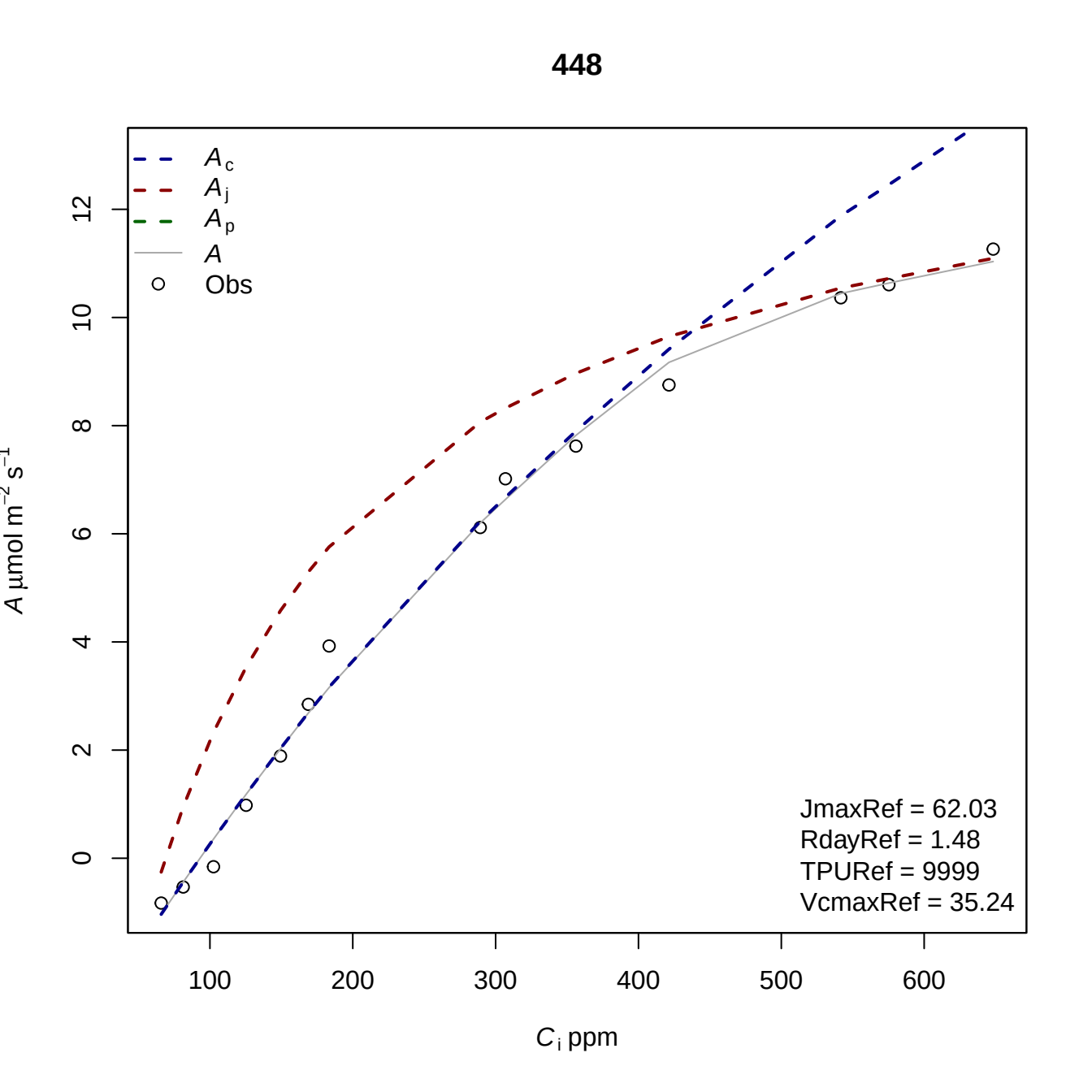

443
A_c
A_j
A_p
A
Obs
JmaxRef = 61.03
RdayRef = 0.93
TPURef = 4.35
VcmaxRef = 37.45
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

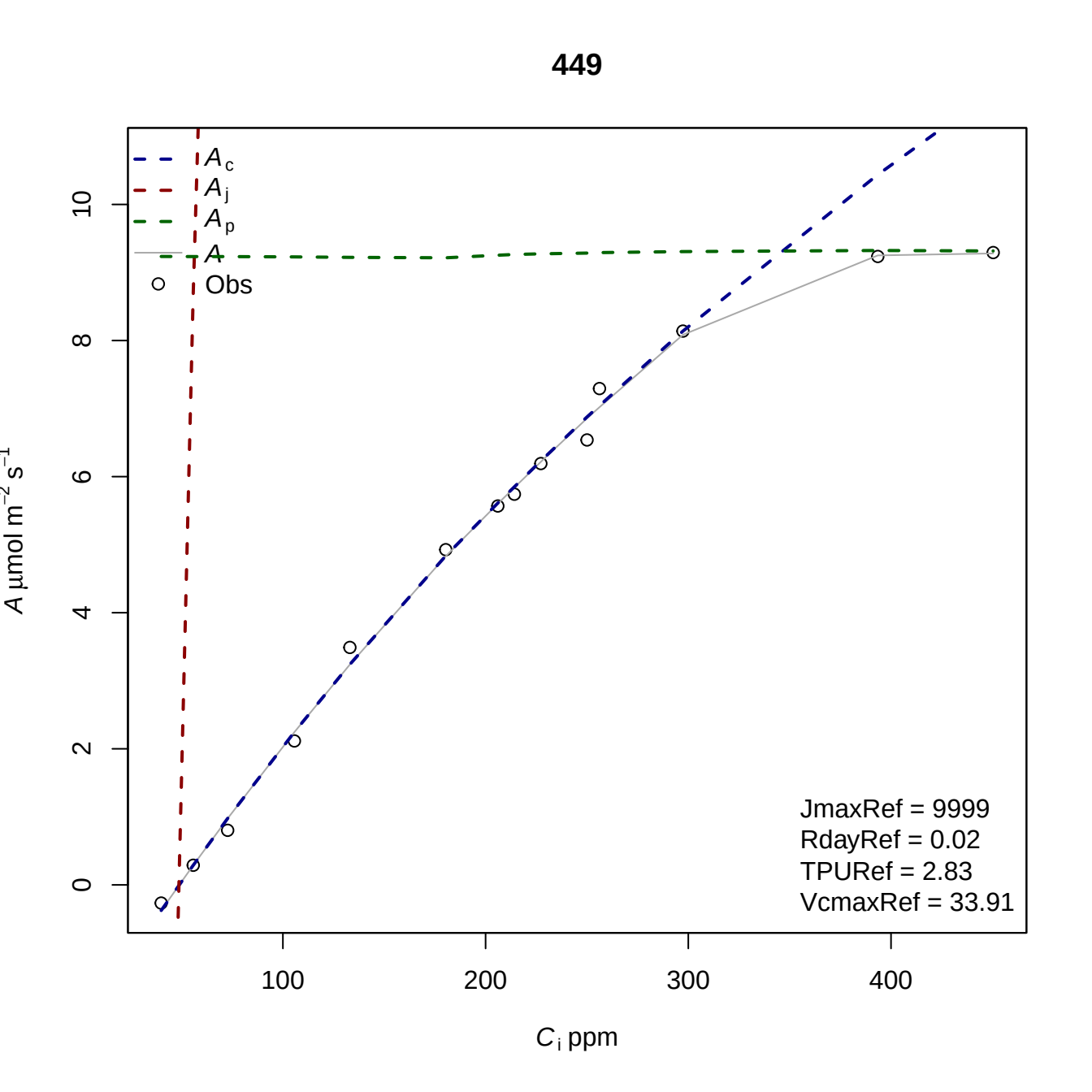

444
A_c
A_j
A_p
A
Obs
JmaxRef = 50.92
RdayRef = 0.92
TPURef = 9999
VcmaxRef = 29.13
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
0
500
1000
1500

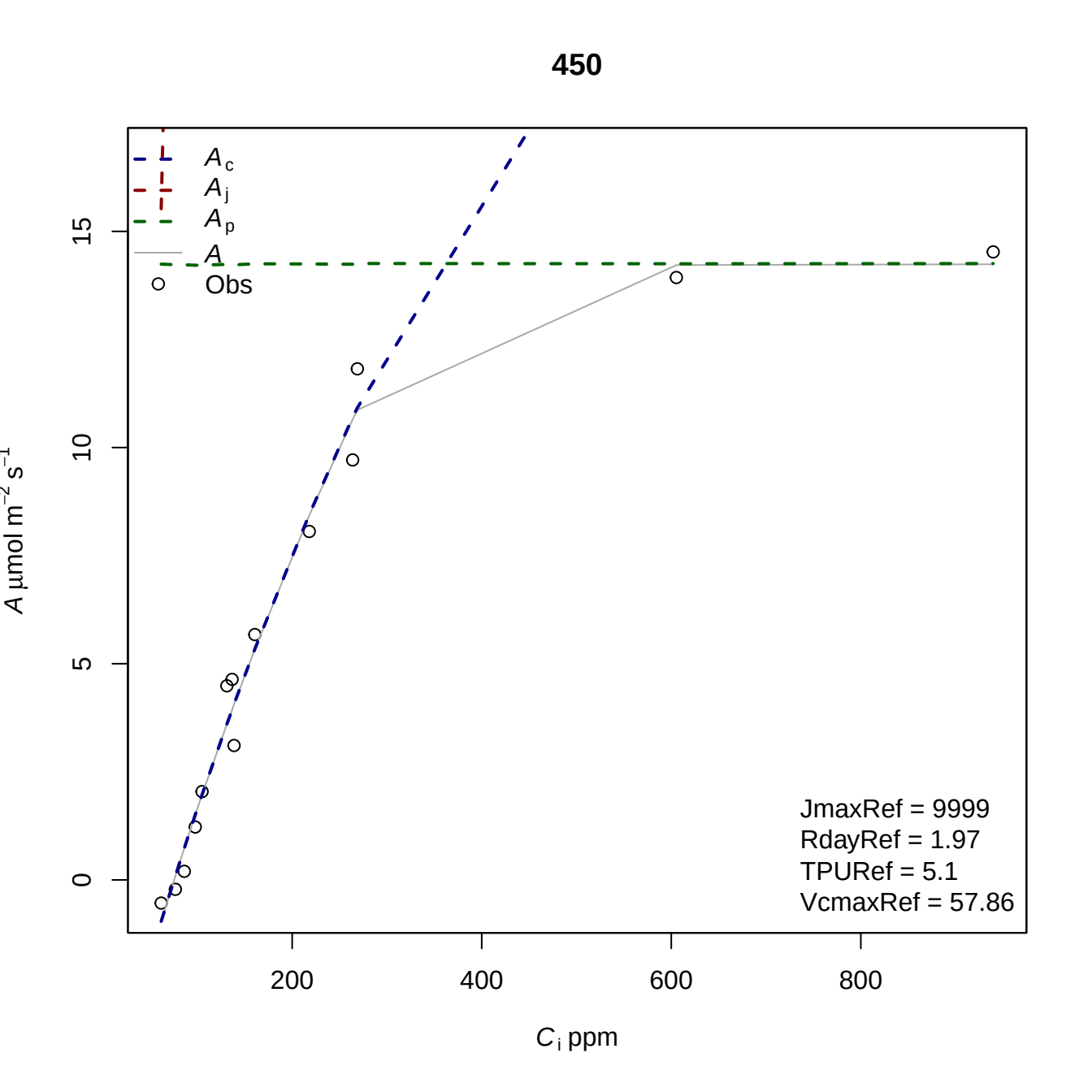

445
A_c
A_j
A_p
A
Obs
JmaxRef = 34.6
RdayRef = 0.98
TPURef = 9999
VcmaxRef = 13.86
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
200
400
600
800
1000
1200
1400

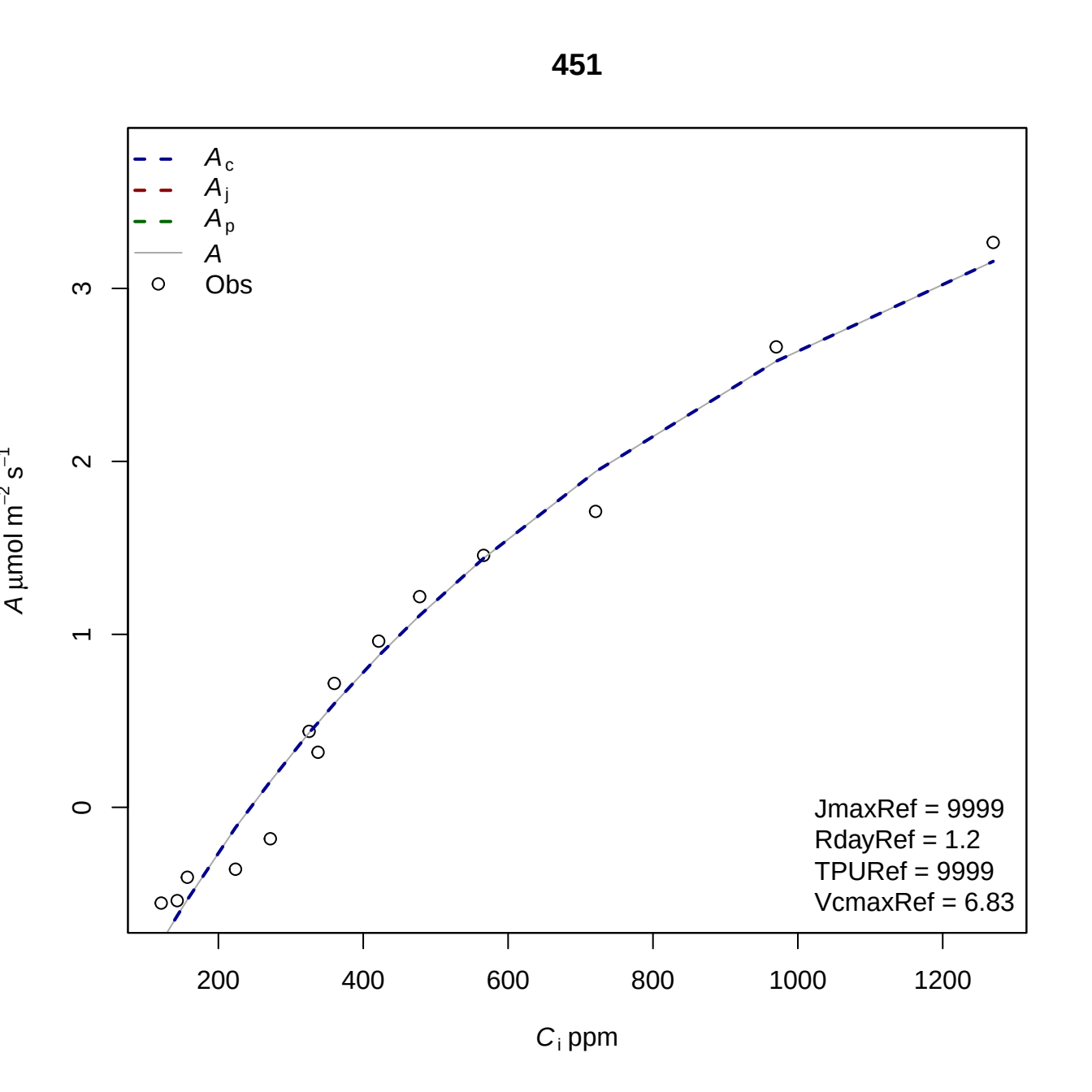

446
A_c
A_j
A_p
A
Obs
JmaxRef = 113.53
RdayRef = 0.63
TPURef = 9999
VcmaxRef = 65.07
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

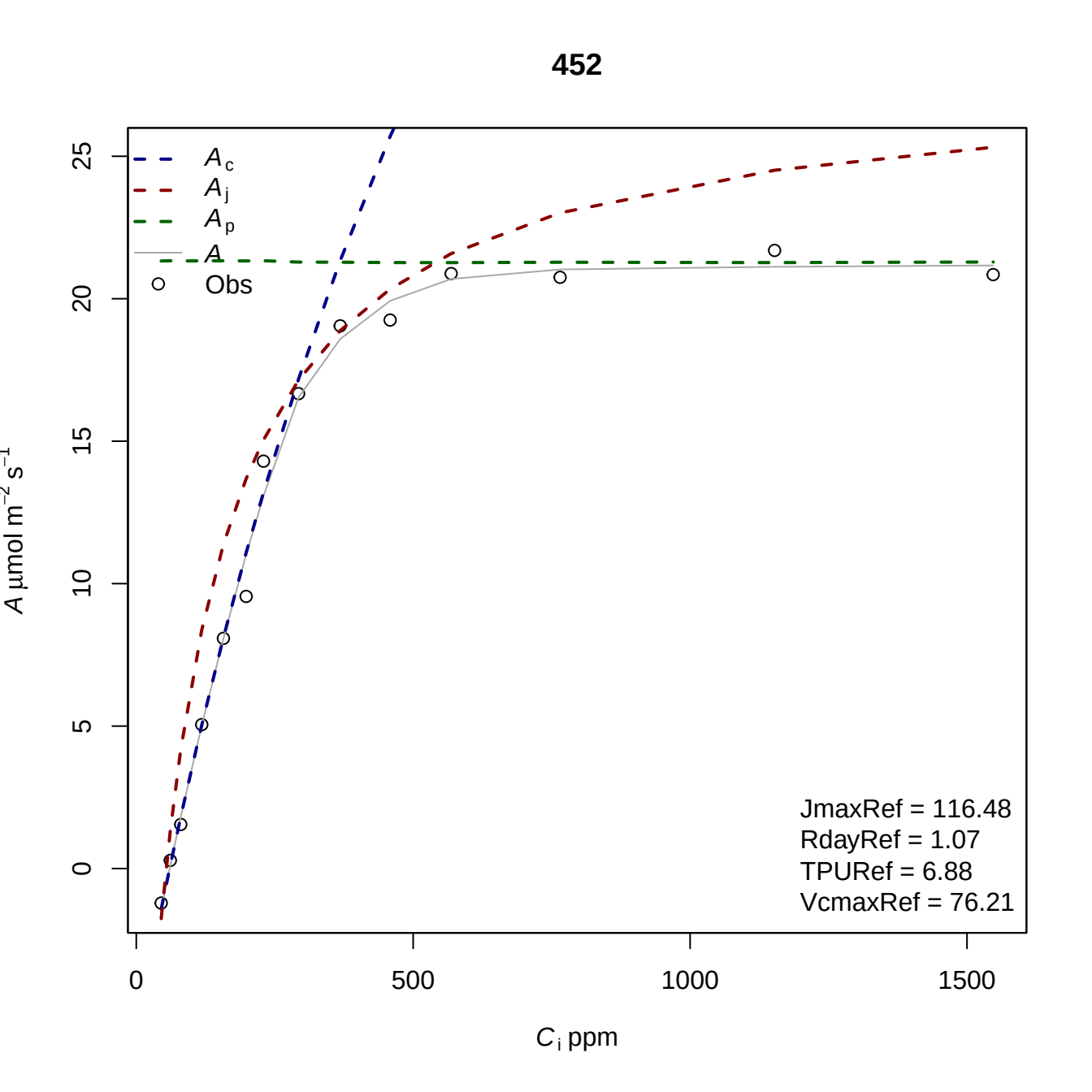

447
A_c
A_j
A_p
A
Obs
JmaxRef = 164.96
RdayRef = 0.42
TPURef = 9999
VcmaxRef = 86.11
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000
1200

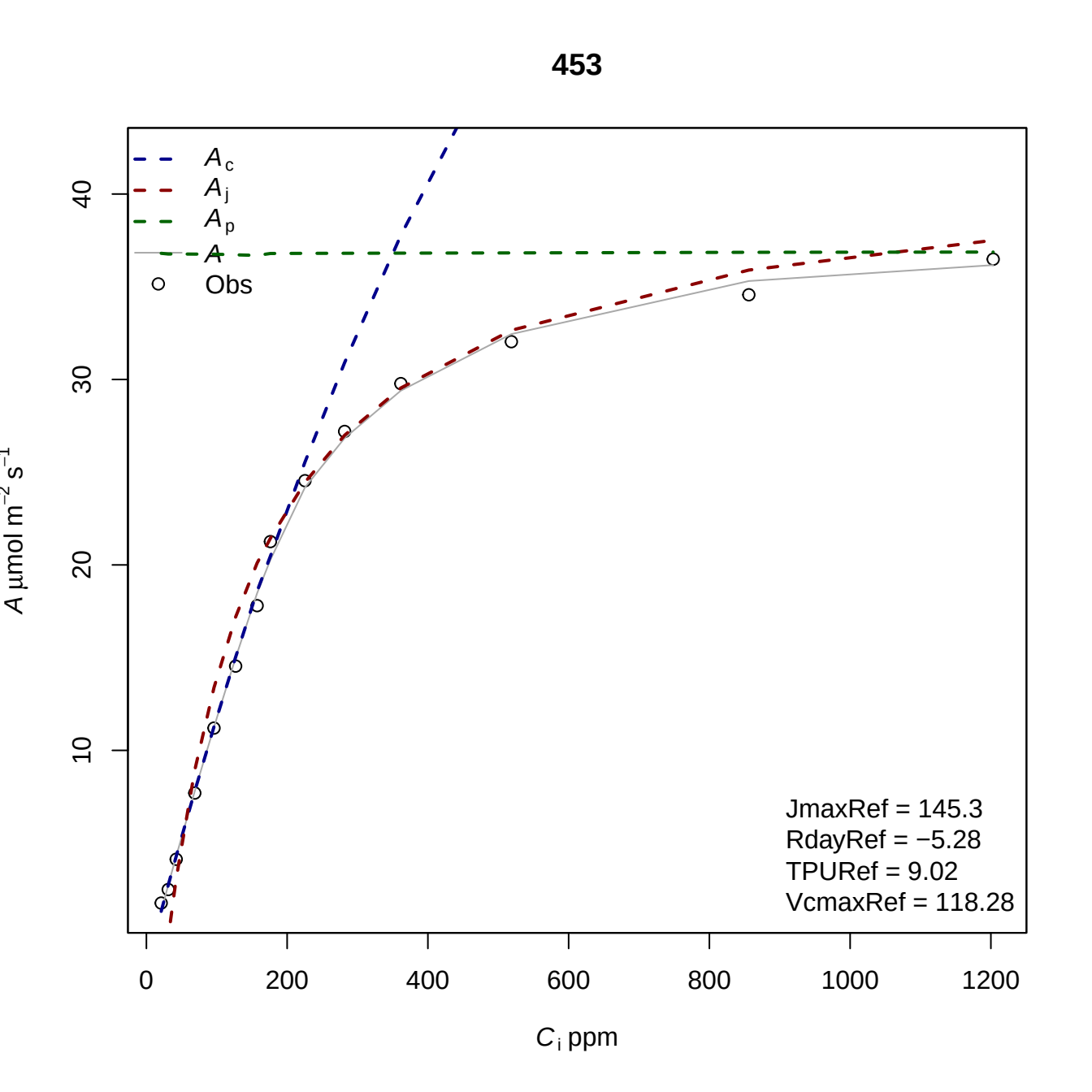

448
A_c
A_j
A_p
A
Obs
JmaxRef = 62.03
RdayRef = 1.48
TPURef = 9999
VcmaxRef = 35.24
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
100
200
300
400
500
600

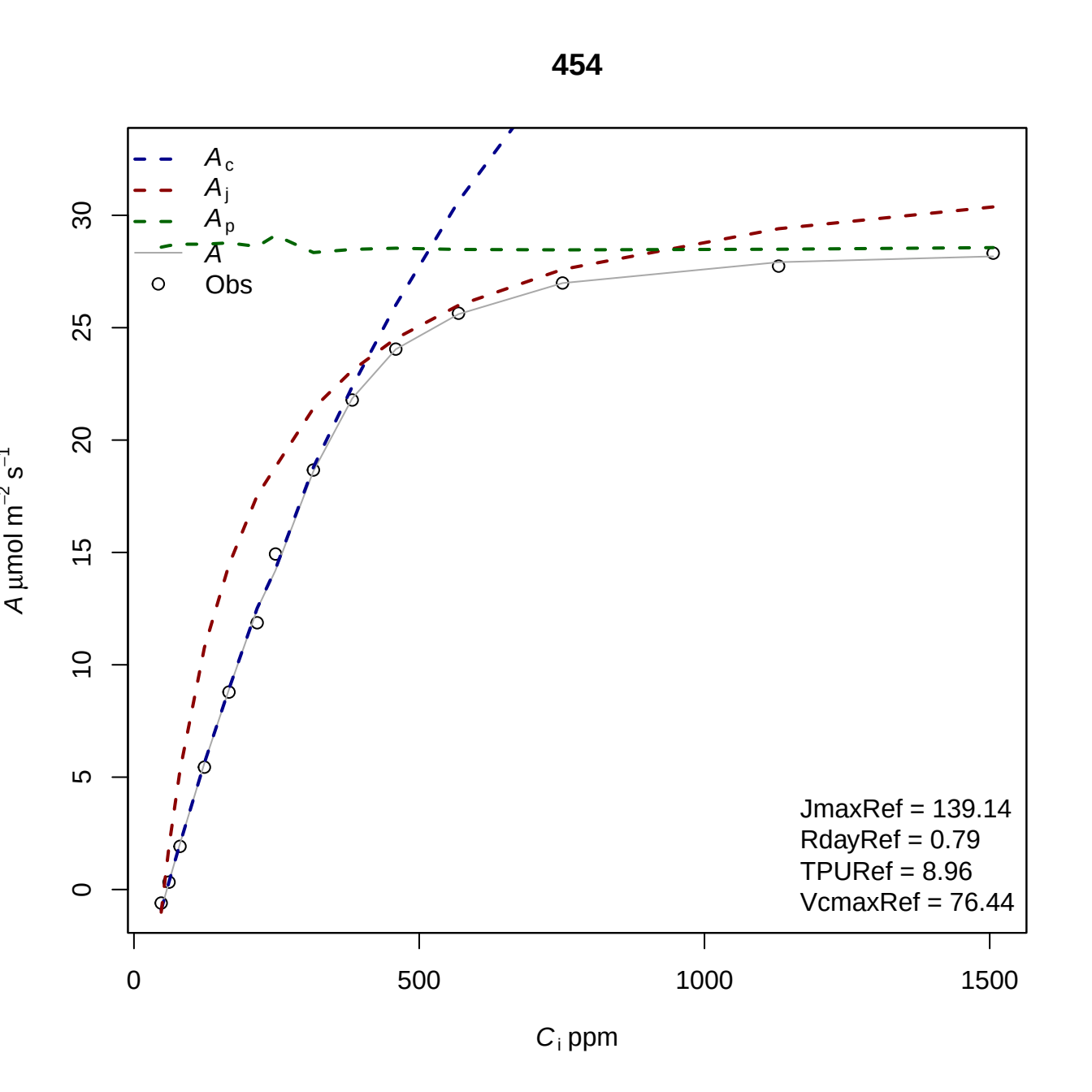

449
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.02
TPURef = 2.83
VcmaxRef = 33.91
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
100
200
300
400

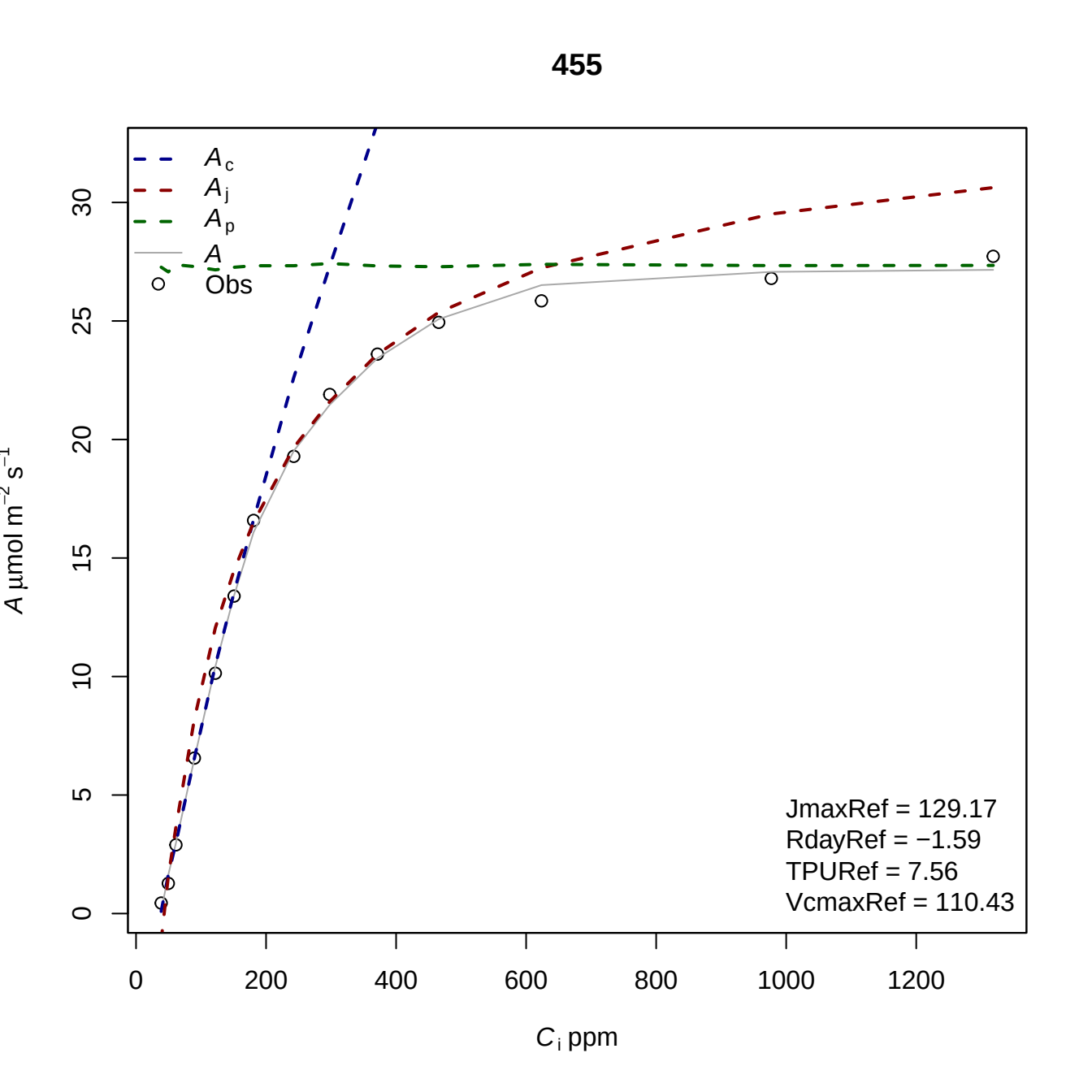

450
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.97
TPURef = 5.1
VcmaxRef = 57.86
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800

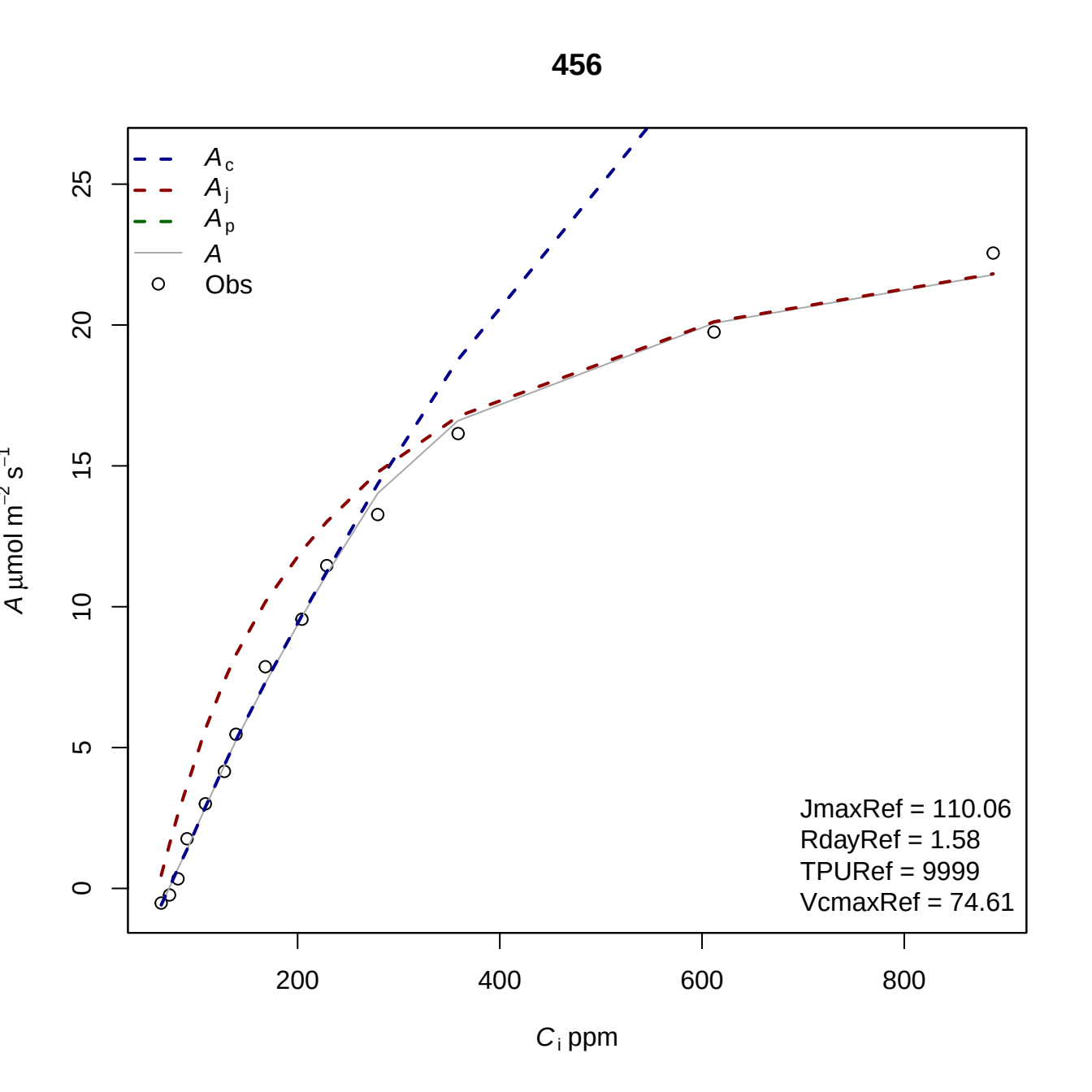

451
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.2
TPURef = 9999
VcmaxRef = 6.83
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
200
400
600
800
1000
1200

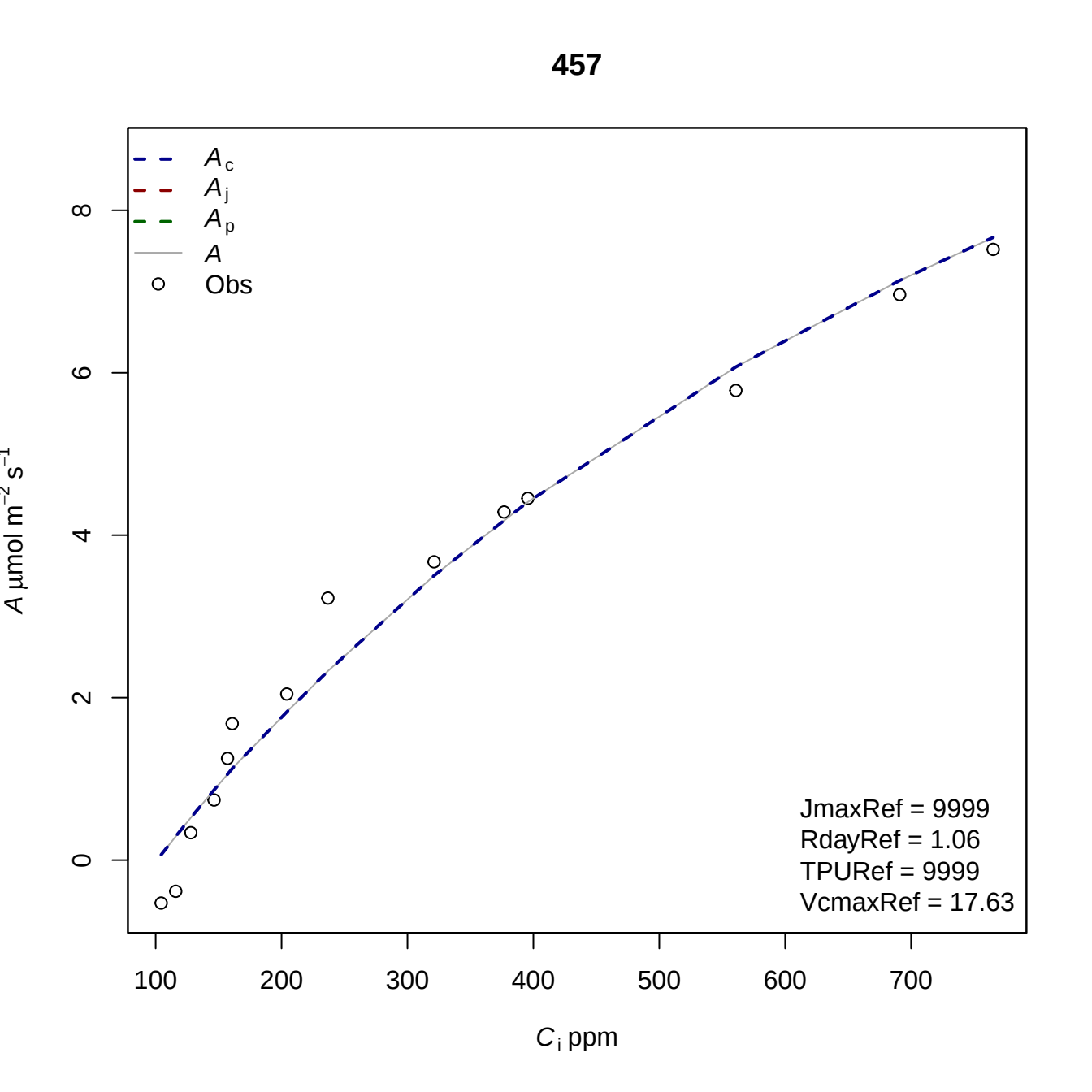

452
A_c
A_j
A_p
A
Obs
JmaxRef = 116.48
RdayRef = 1.07
TPURef = 6.88
VcmaxRef = 76.21
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

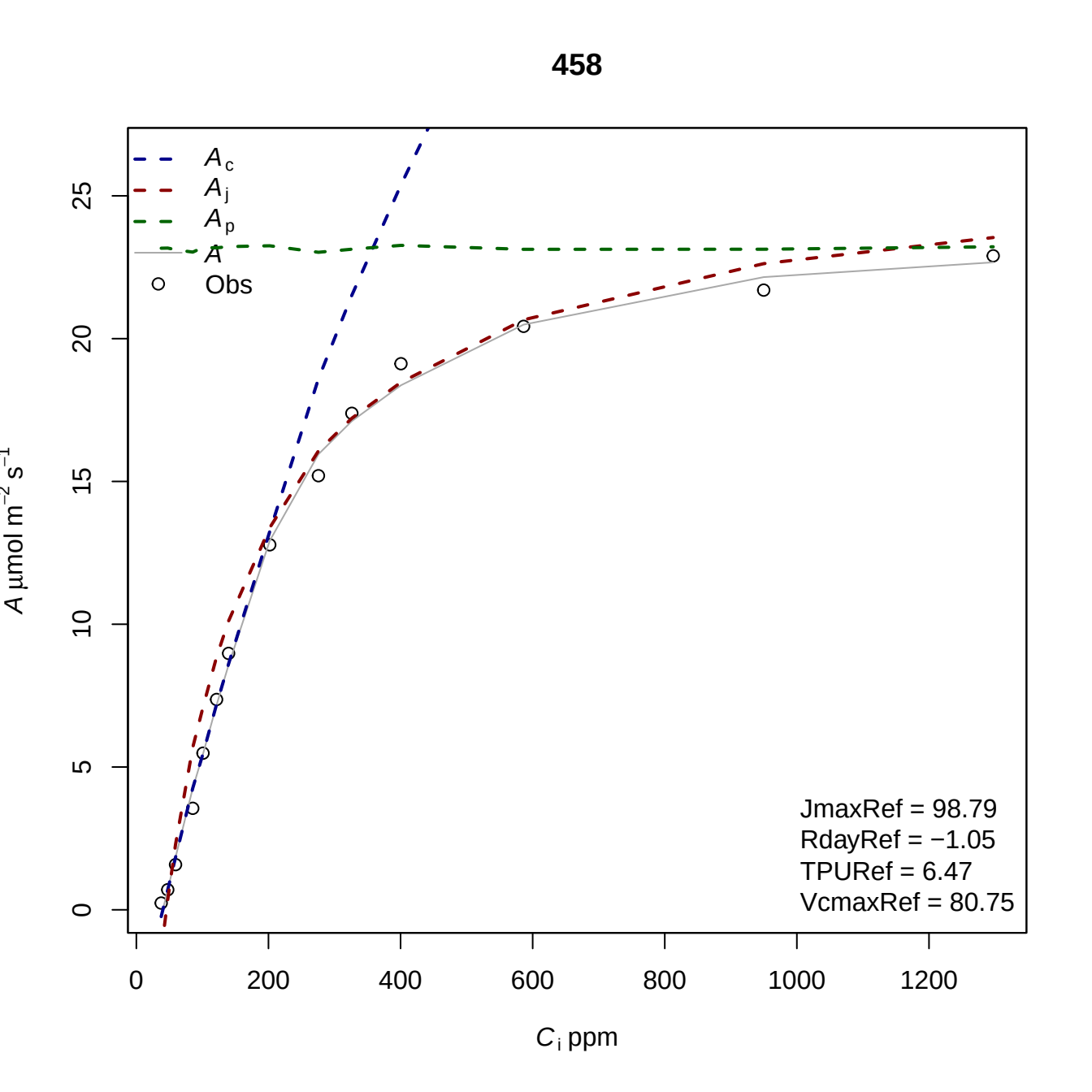

453
A_c
A_j
A_p
A
Obs
JmaxRef = 145.3
RdayRef = −5.28
TPURef = 9.02
VcmaxRef = 118.28
A µmol m^{-2} s^{-1}
10
20
30
40
0
200
400
600
800
1000
1200
C_i ppm

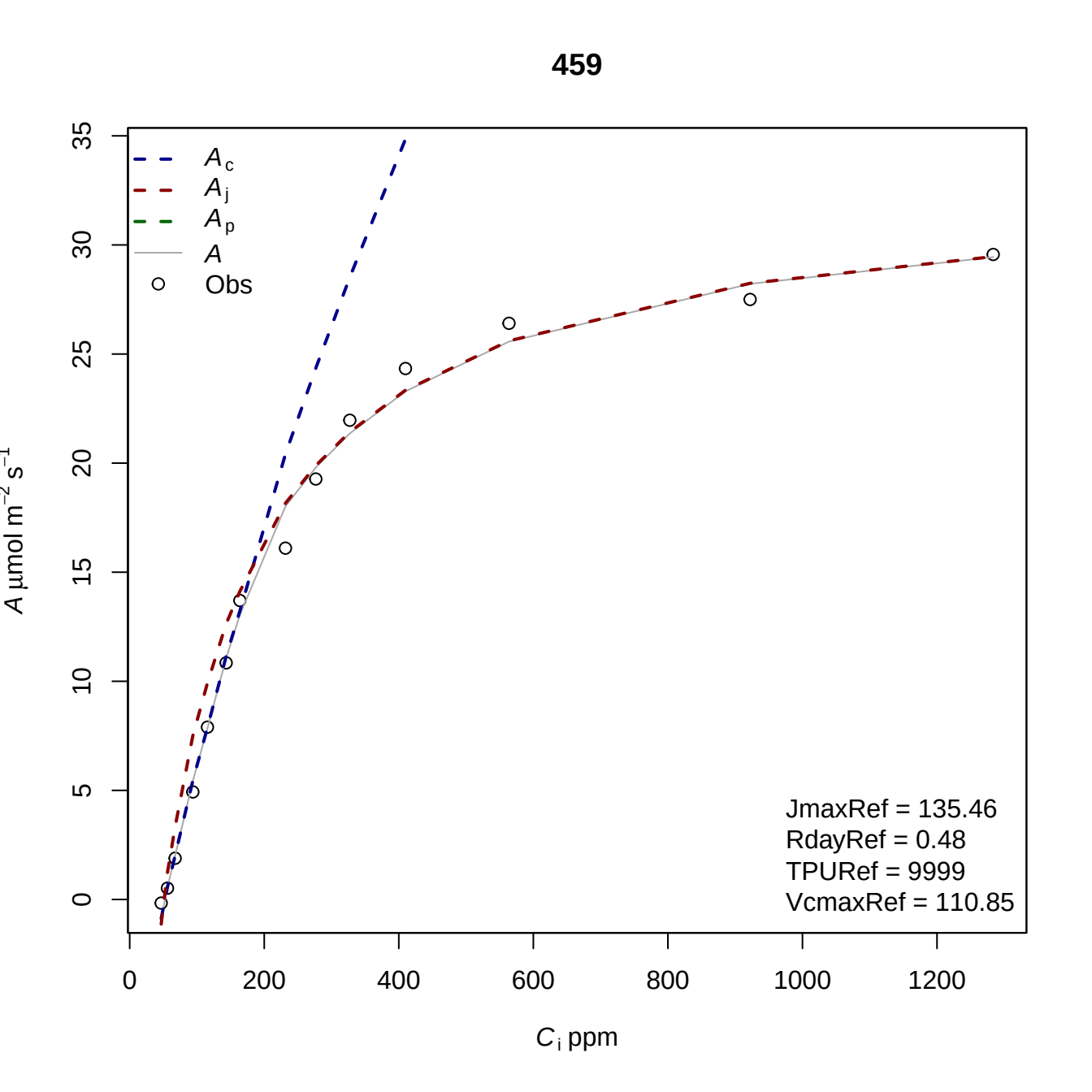

454
A_c
A_j
A_p
A
Obs
JmaxRef = 139.14
RdayRef = 0.79
TPURef = 8.96
VcmaxRef = 76.44
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

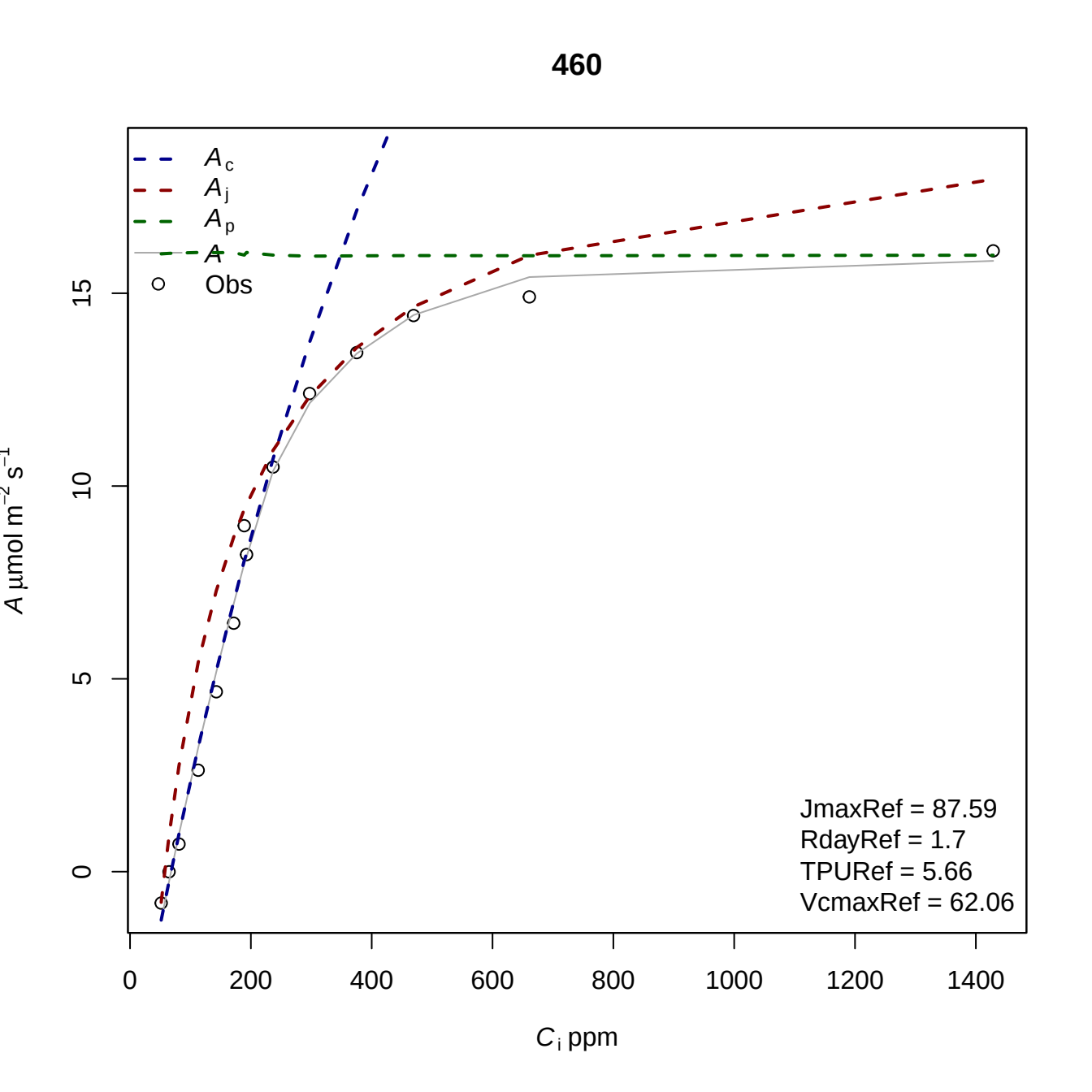

455
A_c
A_j
A_p
A
Obs
JmaxRef = 129.17
RdayRef = −1.59
TPURef = 7.56
VcmaxRef = 110.43
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

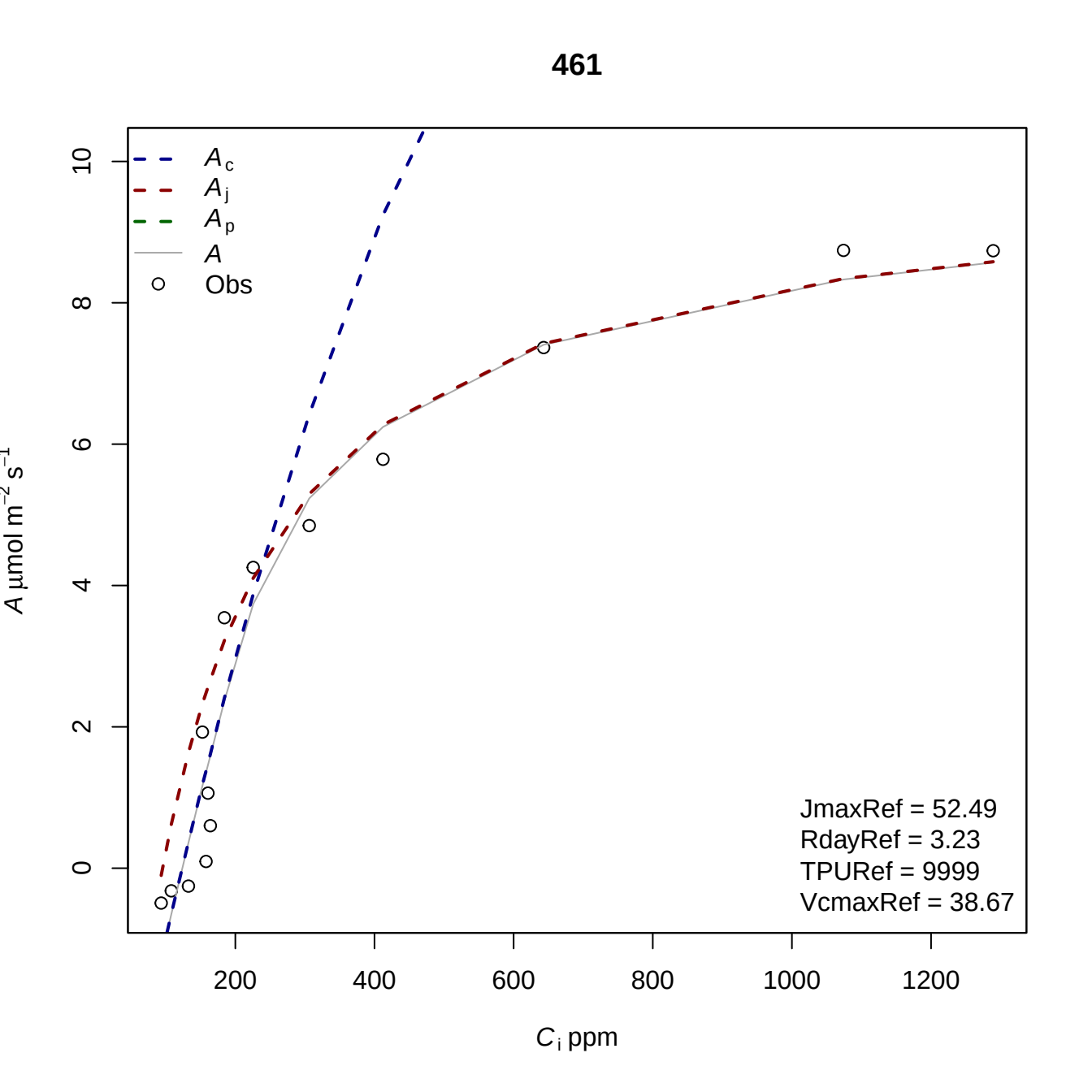

456
A_c
A_j
A_p
A
Obs
JmaxRef = 110.06
RdayRef = 1.58
TPURef = 9999
VcmaxRef = 74.61
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800

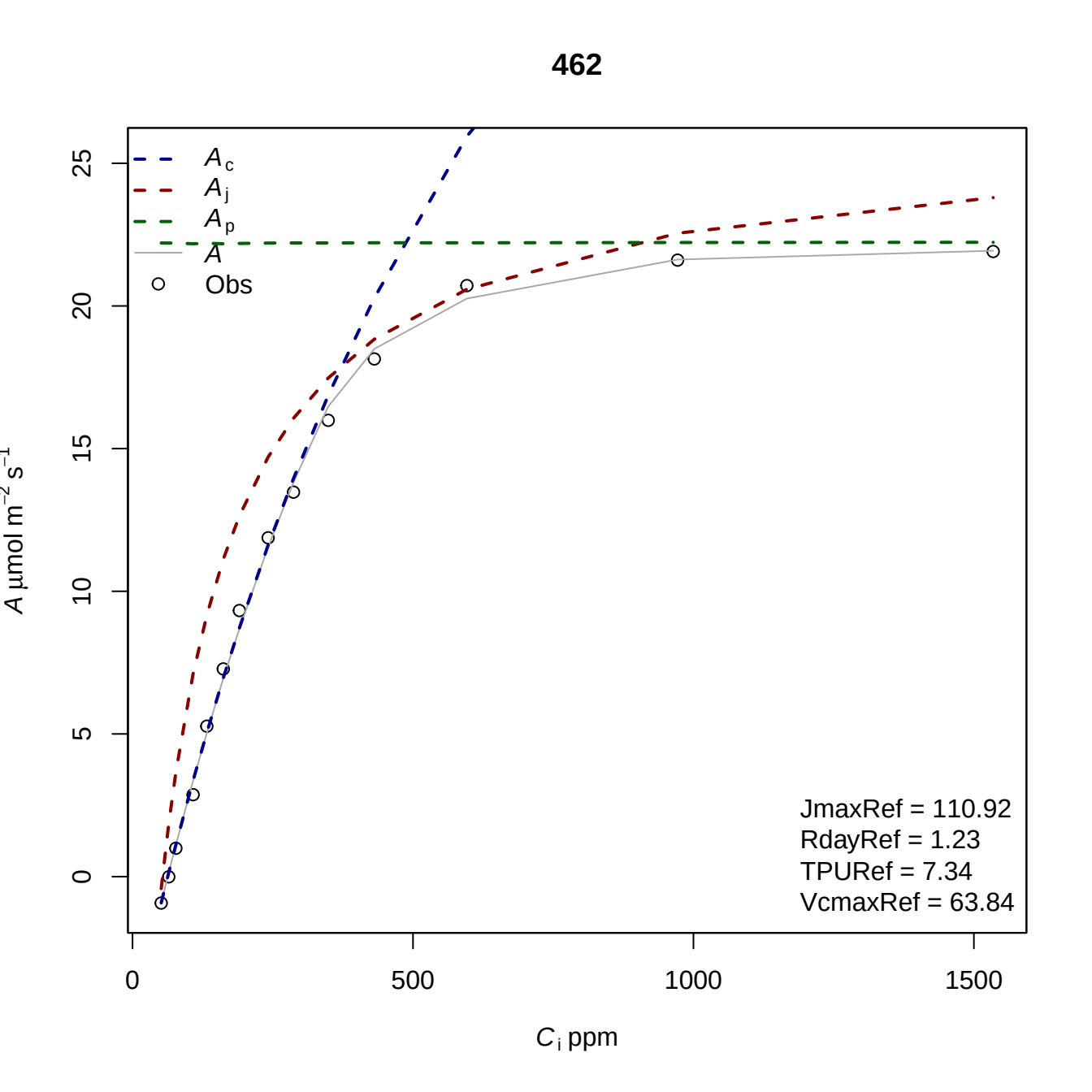

457
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.06
TPURef = 9999
VcmaxRef = 17.63
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
100
200
300
400
500
600
700

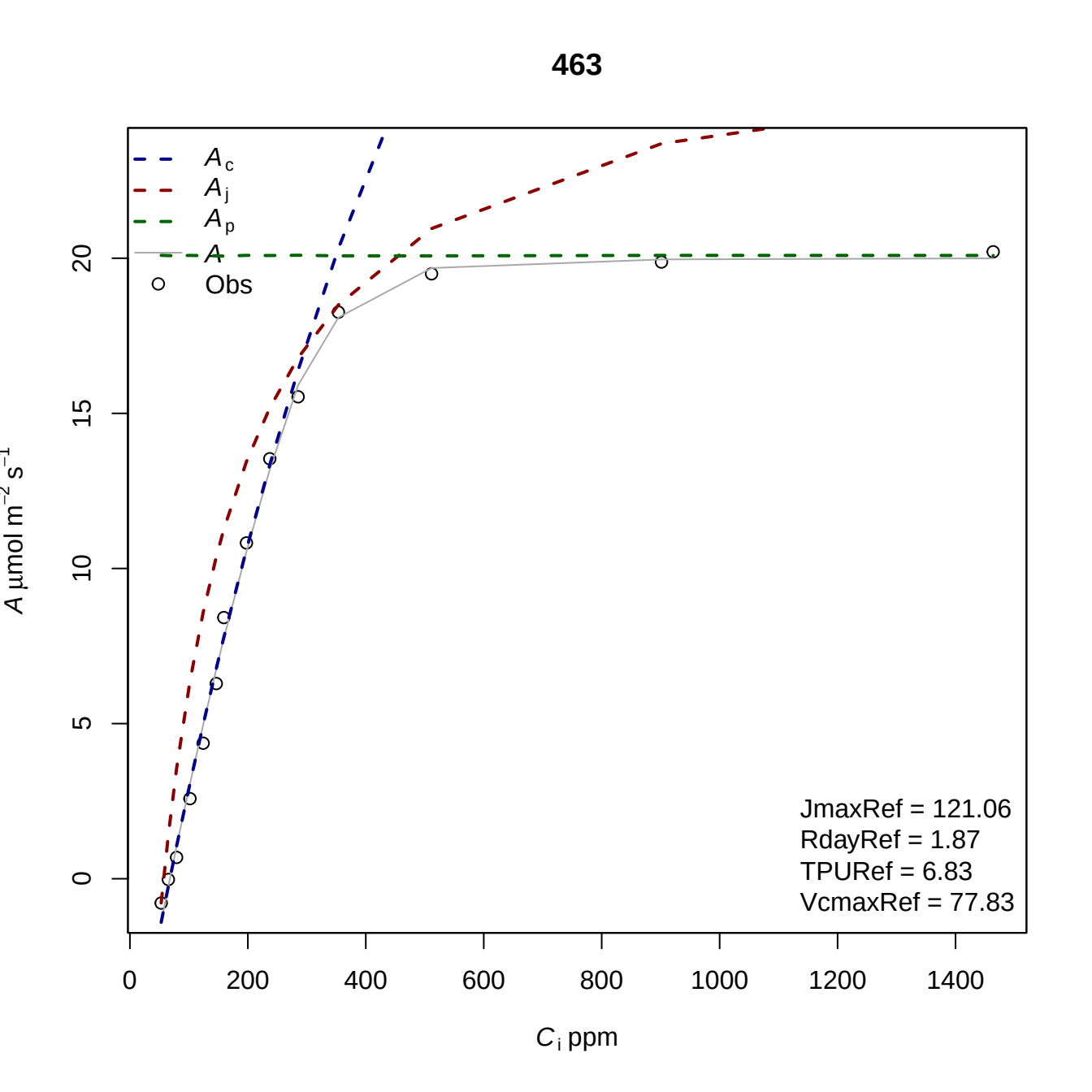

458
A_c
A_j
A_p
A
Obs
JmaxRef = 98.79
RdayRef = −1.05
TPURef = 6.47
VcmaxRef = 80.75
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

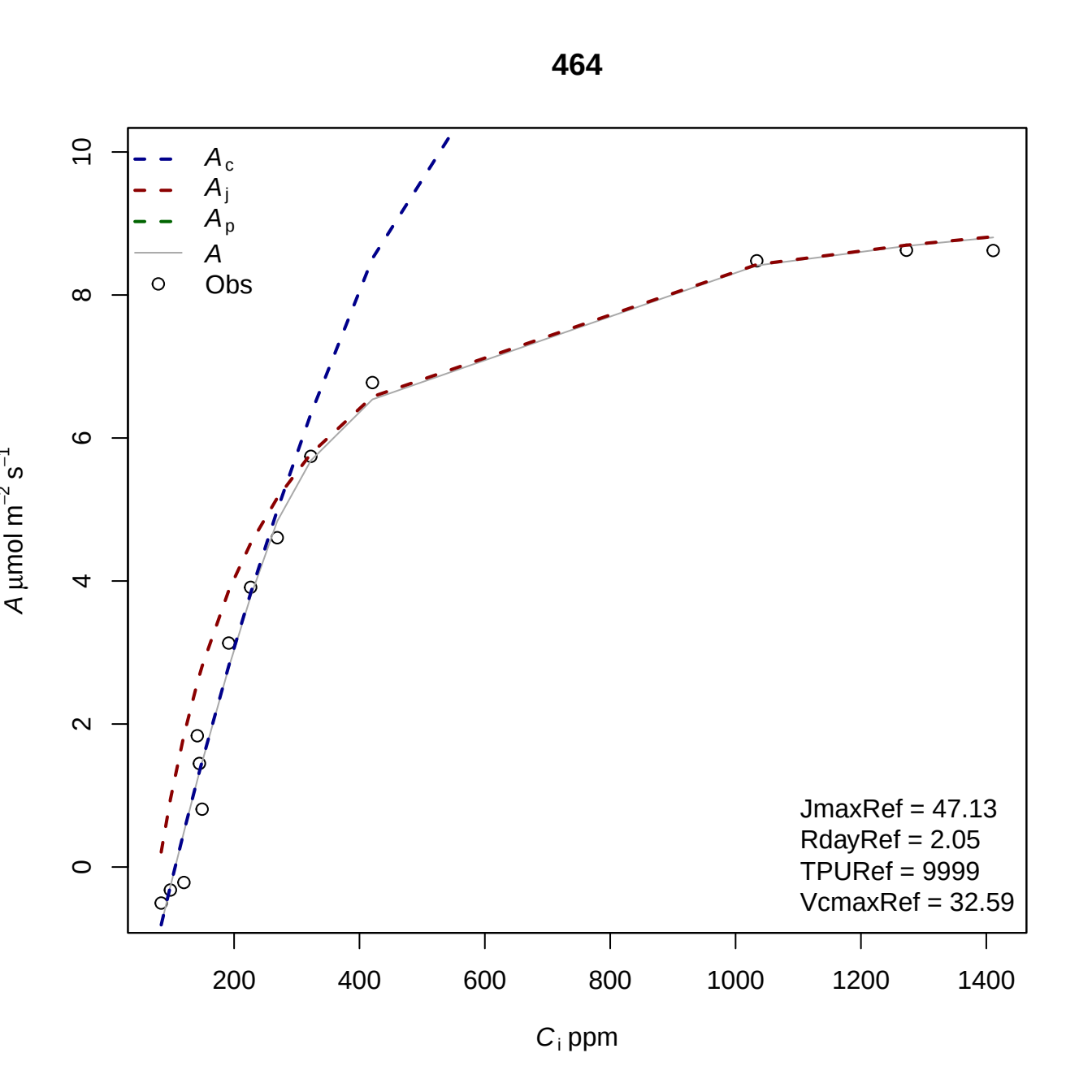

459
A_c
A_j
A_p
A
Obs
JmaxRef = 135.46
RdayRef = 0.48
TPURef = 9999
VcmaxRef = 110.85
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
200
400
600
800
1000
1200

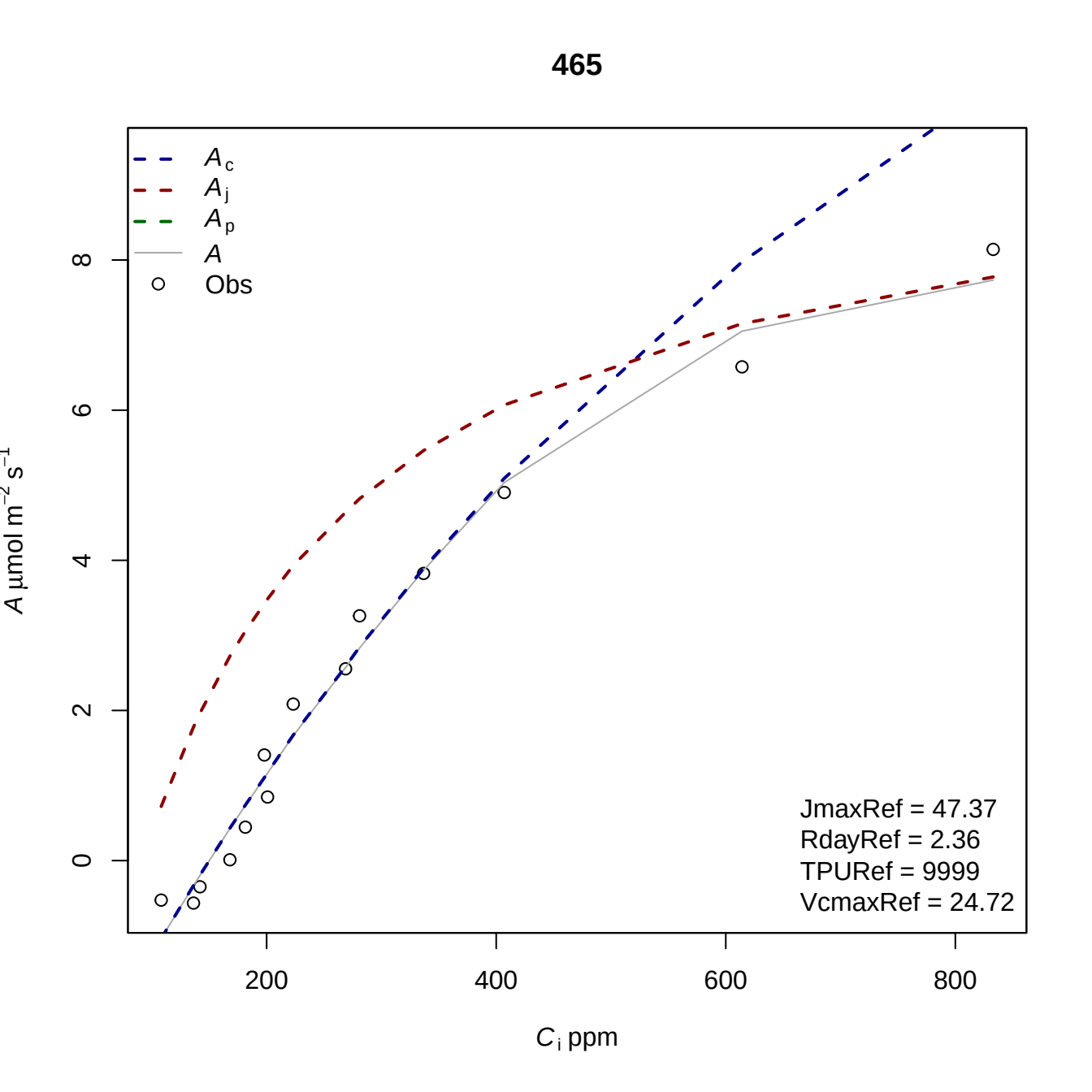

460
A_c
A_j
A_p
A
Obs
JmaxRef = 87.59
RdayRef = 1.7
TPURef = 5.66
VcmaxRef = 62.06
A µmol m^{-2} s^{-1}
0
5
10
15
0
200
400
600
800
1000
1200
1400
C_i ppm

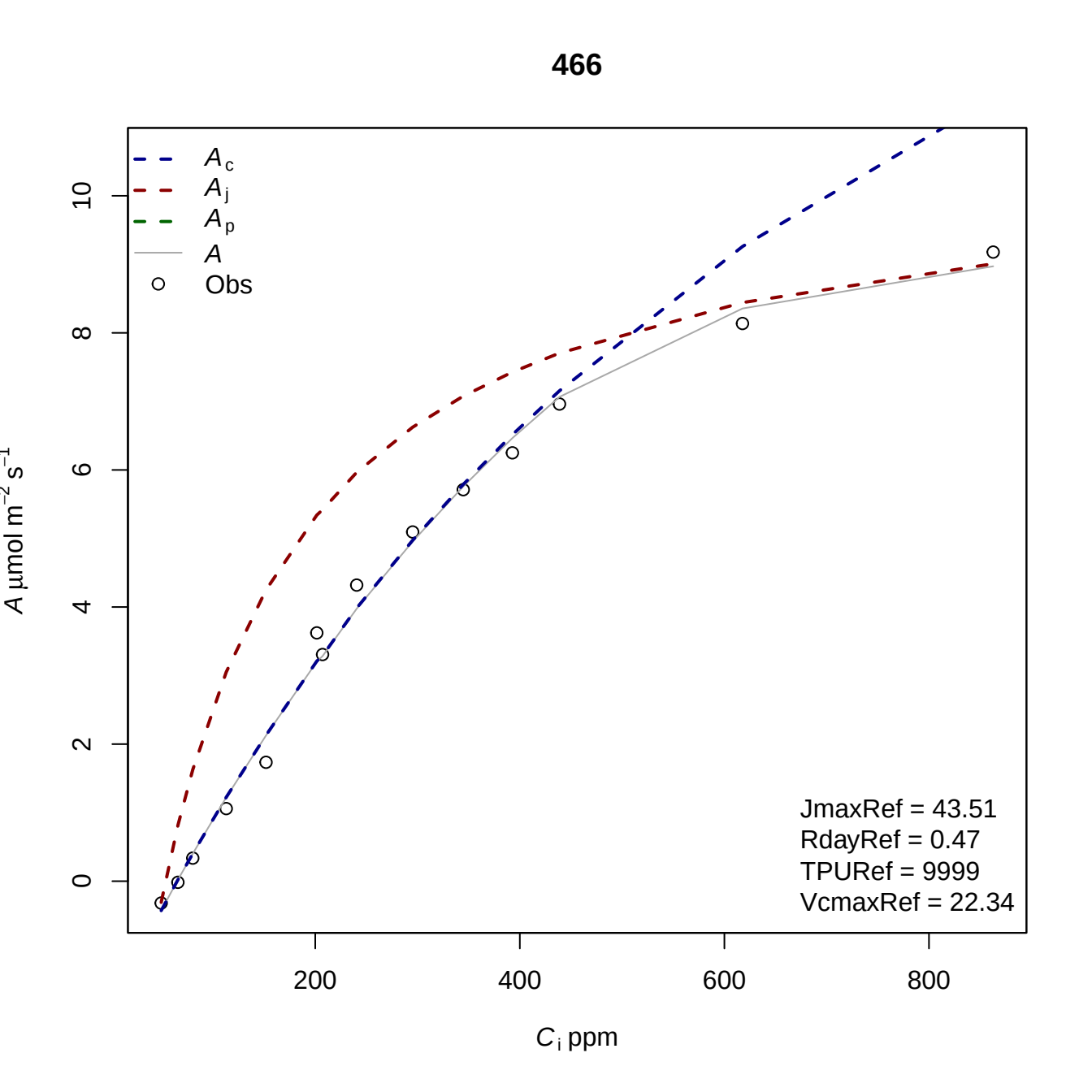

461
A_c
A_j
A_p
A
Obs
JmaxRef = 52.49
RdayRef = 3.23
TPURef = 9999
VcmaxRef = 38.67
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000
1200

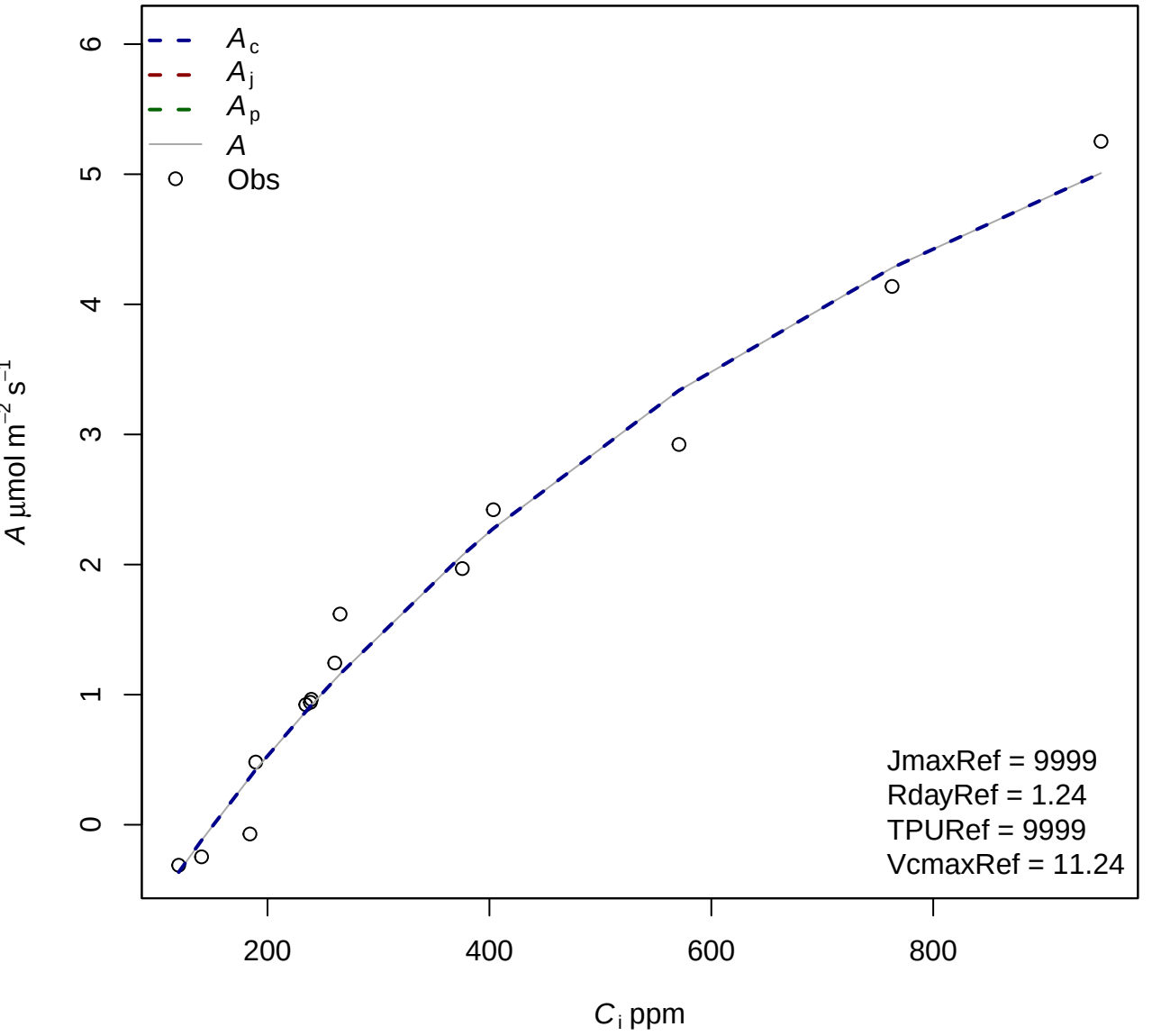

462
A_c
A_j
A_p
A
Obs
JmaxRef = 110.92
RdayRef = 1.23
TPURef = 7.34
VcmaxRef = 63.84
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

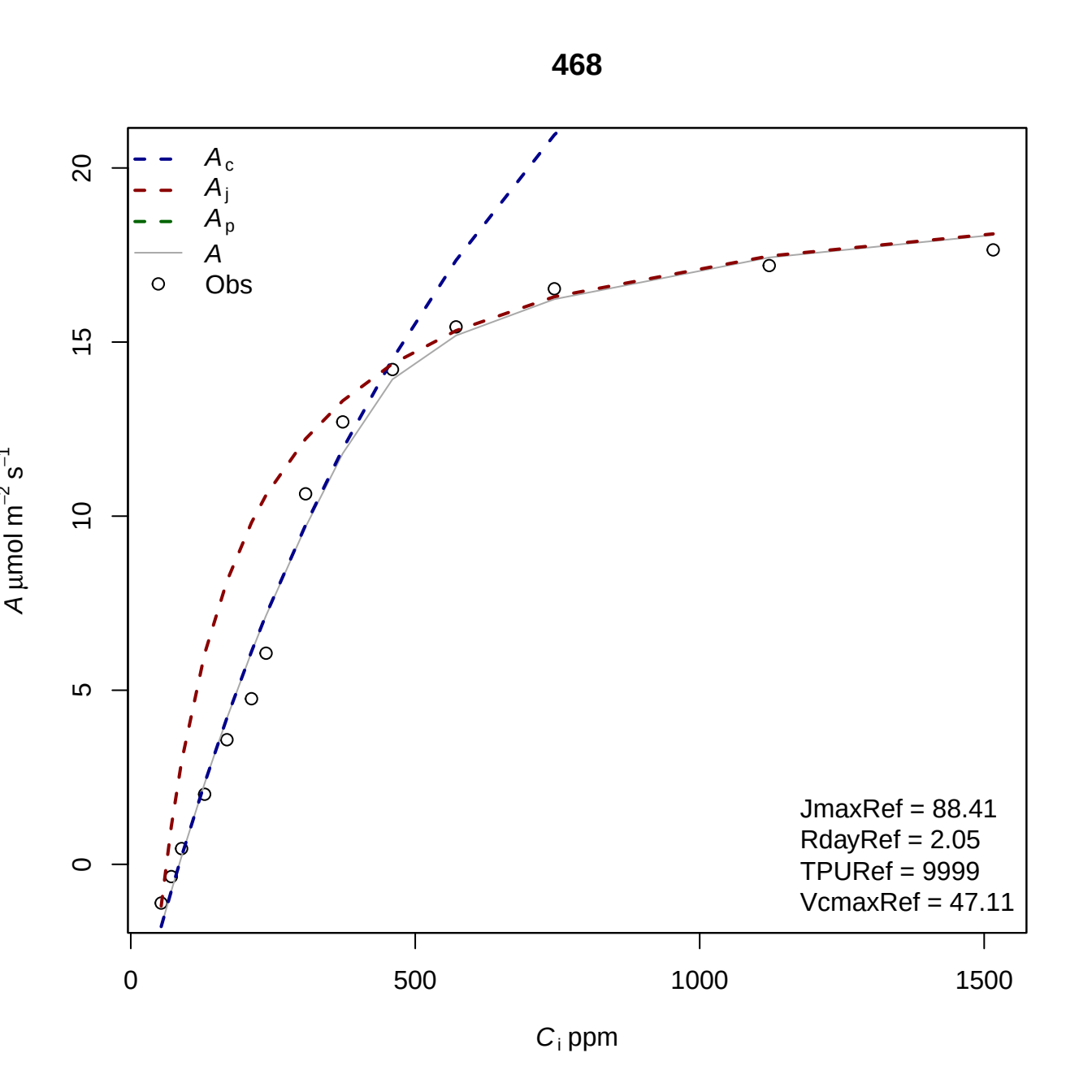

463
A_c
A_j
A_p
A
Obs
JmaxRef = 121.06
RdayRef = 1.87
TPURef = 6.83
VcmaxRef = 77.83
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

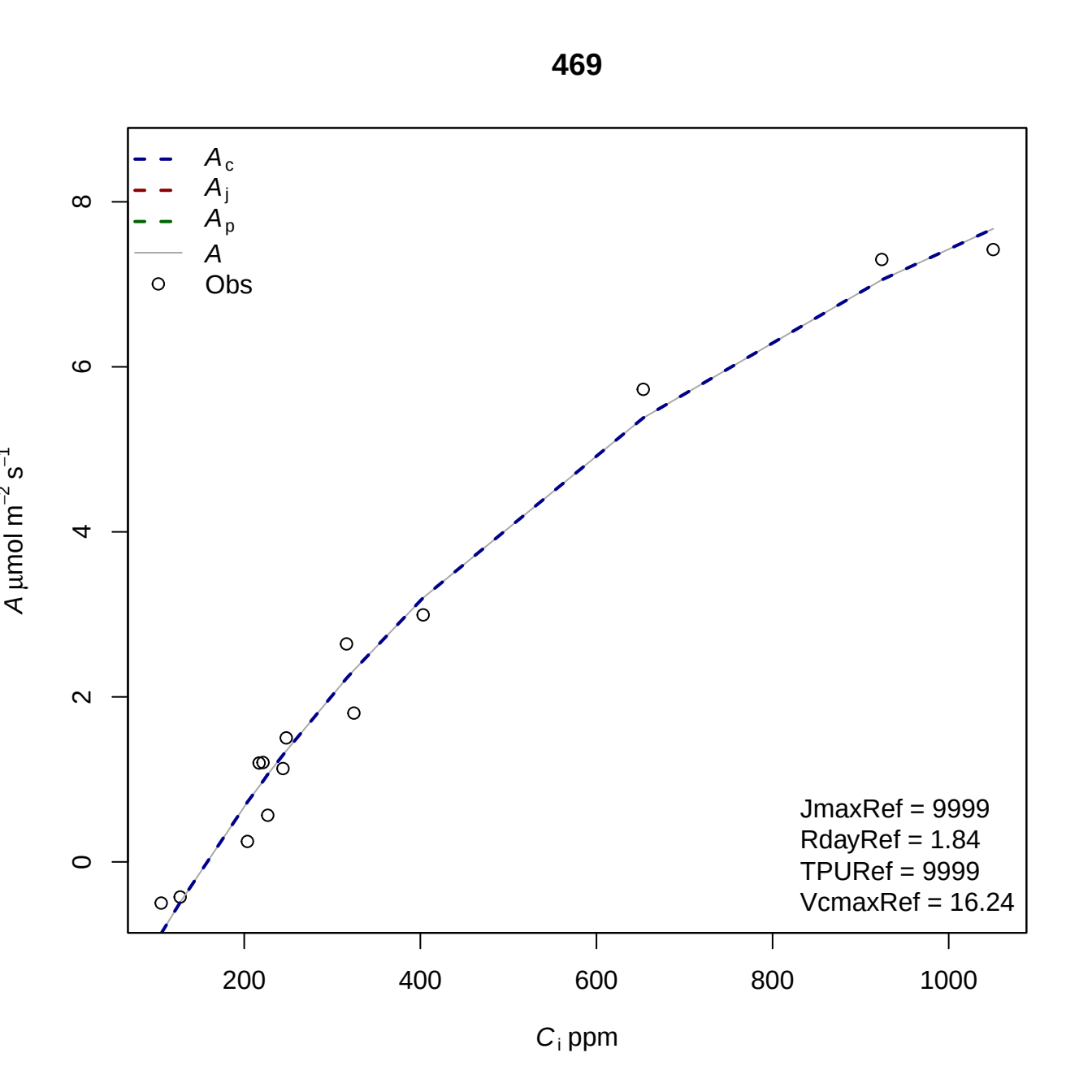

464
A_c
A_j
A_p
A
Obs
JmaxRef = 47.13
RdayRef = 2.05
TPURef = 9999
VcmaxRef = 32.59
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000
1200
1400


465
A_c
A_j
A_p
A
Obs
JmaxRef = 47.37
RdayRef = 2.36
TPURef = 9999
VcmaxRef = 24.72
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
200
400
600
800

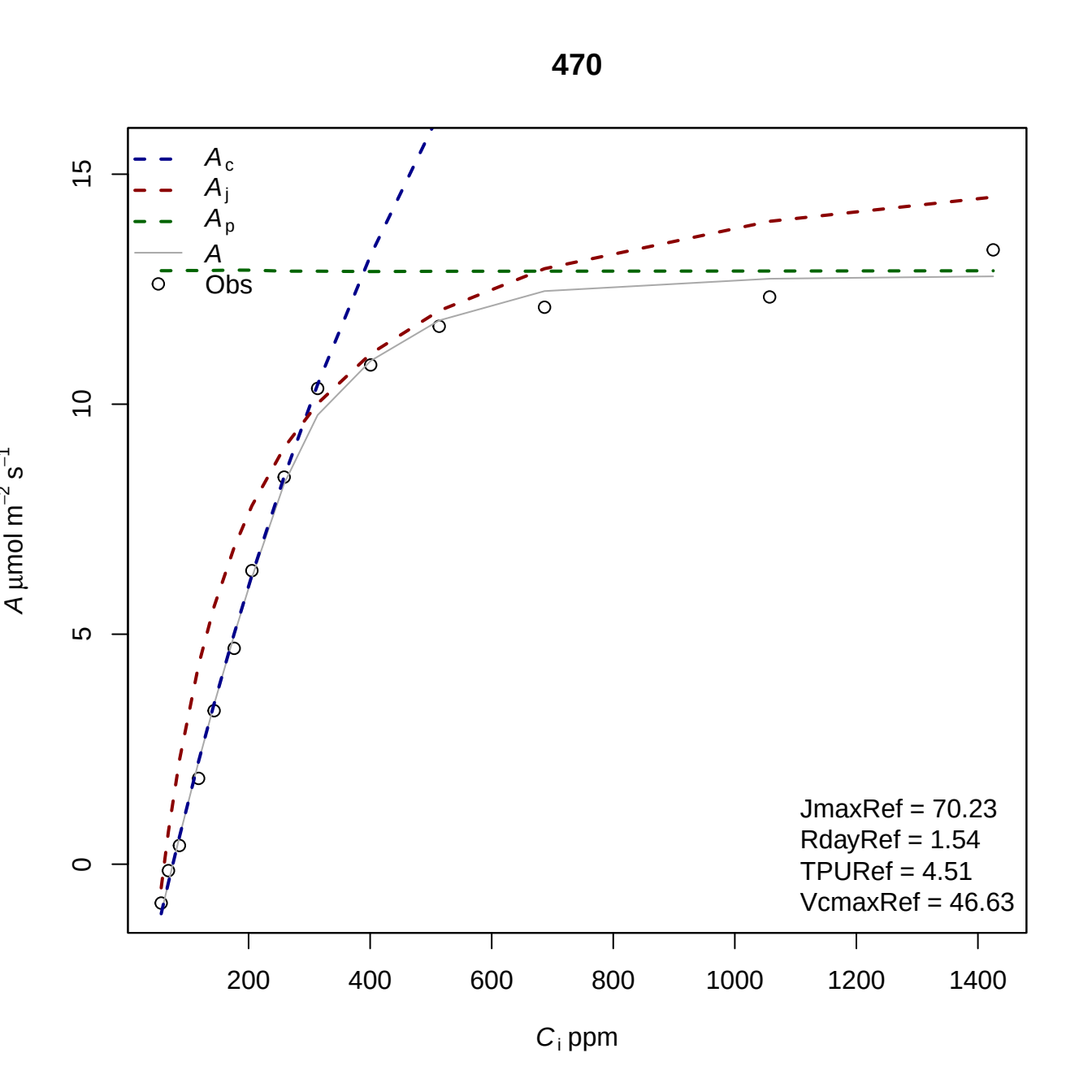

466
A_c
A_j
A_p
A
Obs
JmaxRef = 43.51
RdayRef = 0.47
TPURef = 9999
VcmaxRef = 22.34
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800

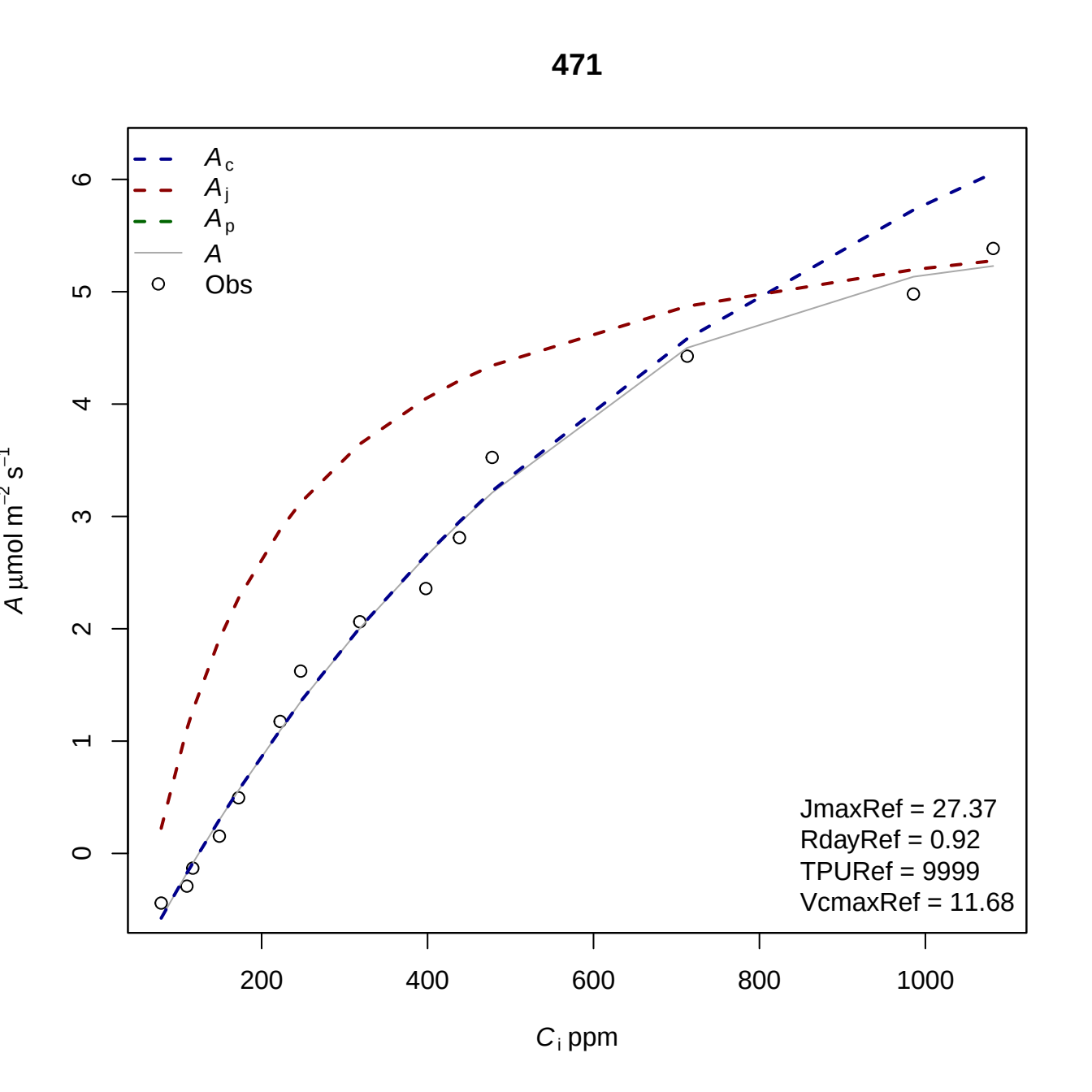

A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.24
TPURef = 9999
VcmaxRef = 11.24
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
5
6
200
400
600
800

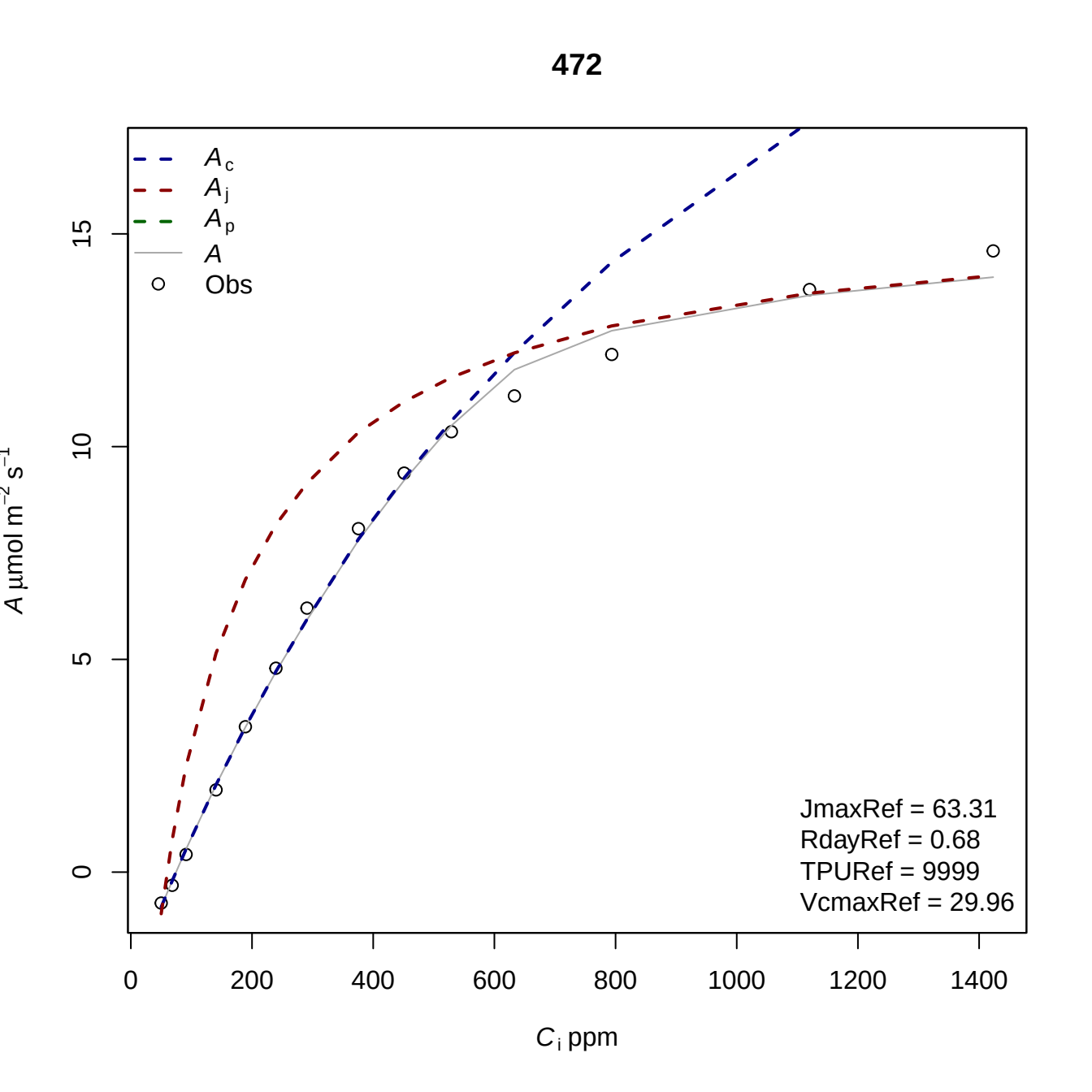

468
A_c
A_j
A_p
A
Obs
JmaxRef = 88.41
RdayRef = 2.05
TPURef = 9999
VcmaxRef = 47.11
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

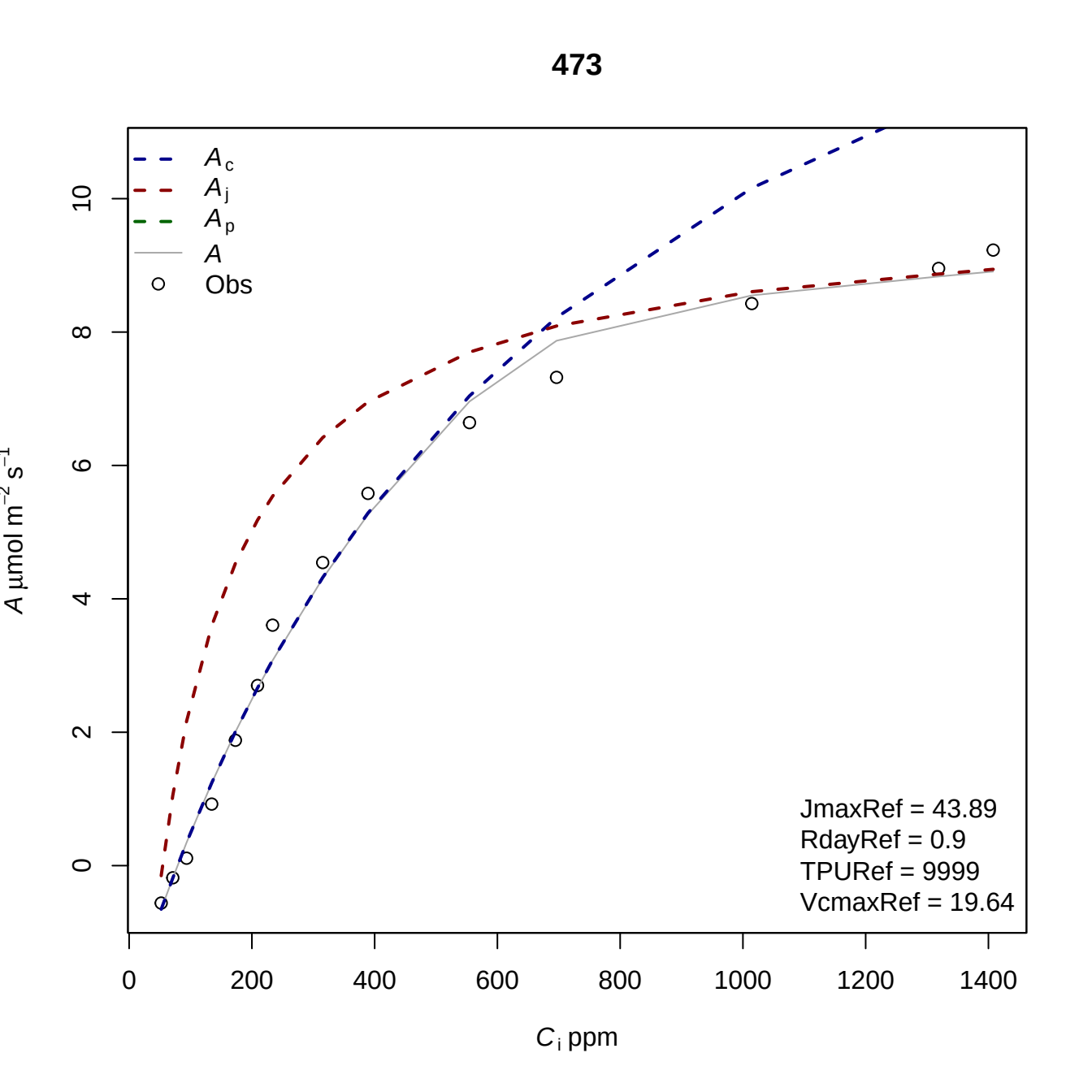


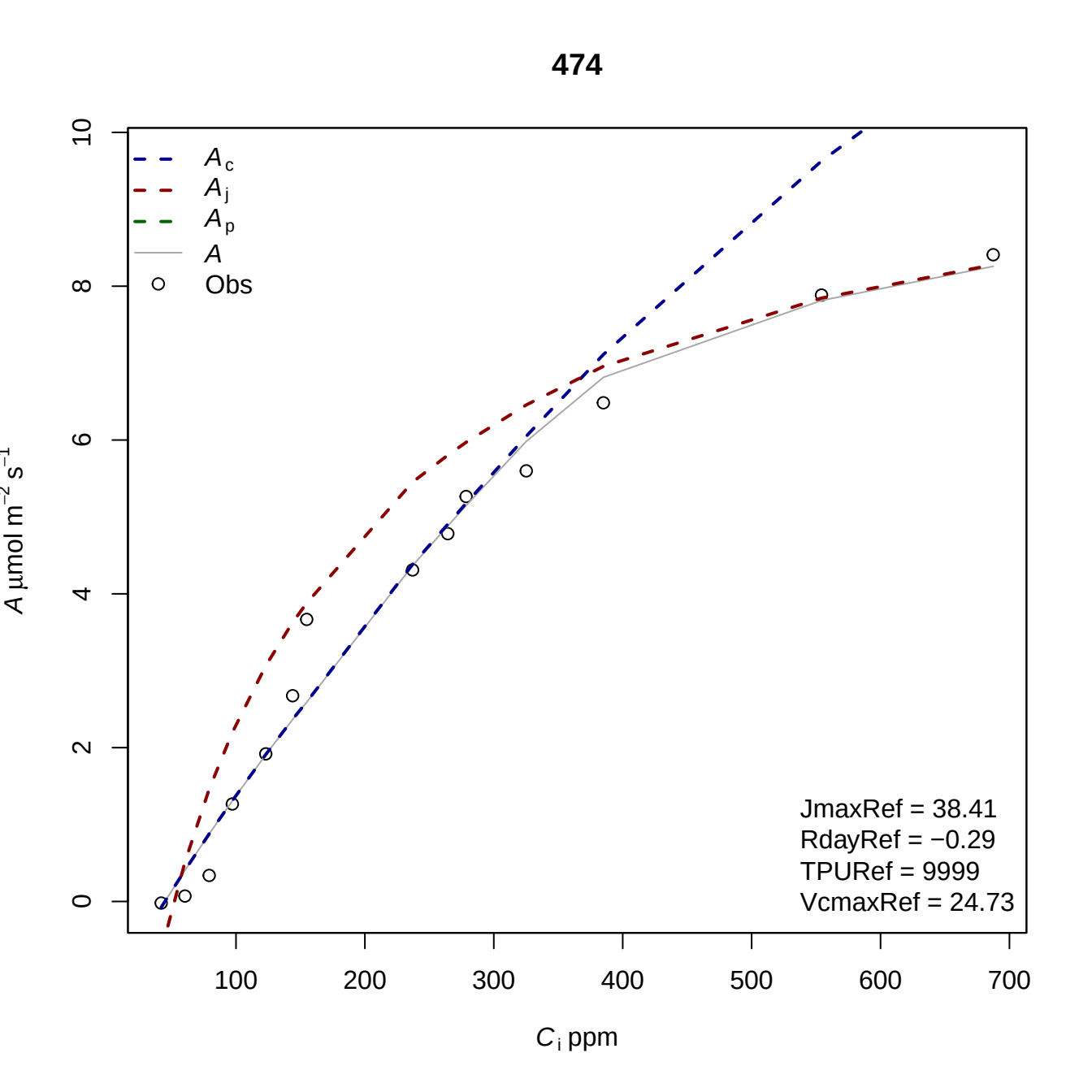
469
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.84
TPURef = 9999
VcmaxRef = 16.24
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
200
400
600
800
1000

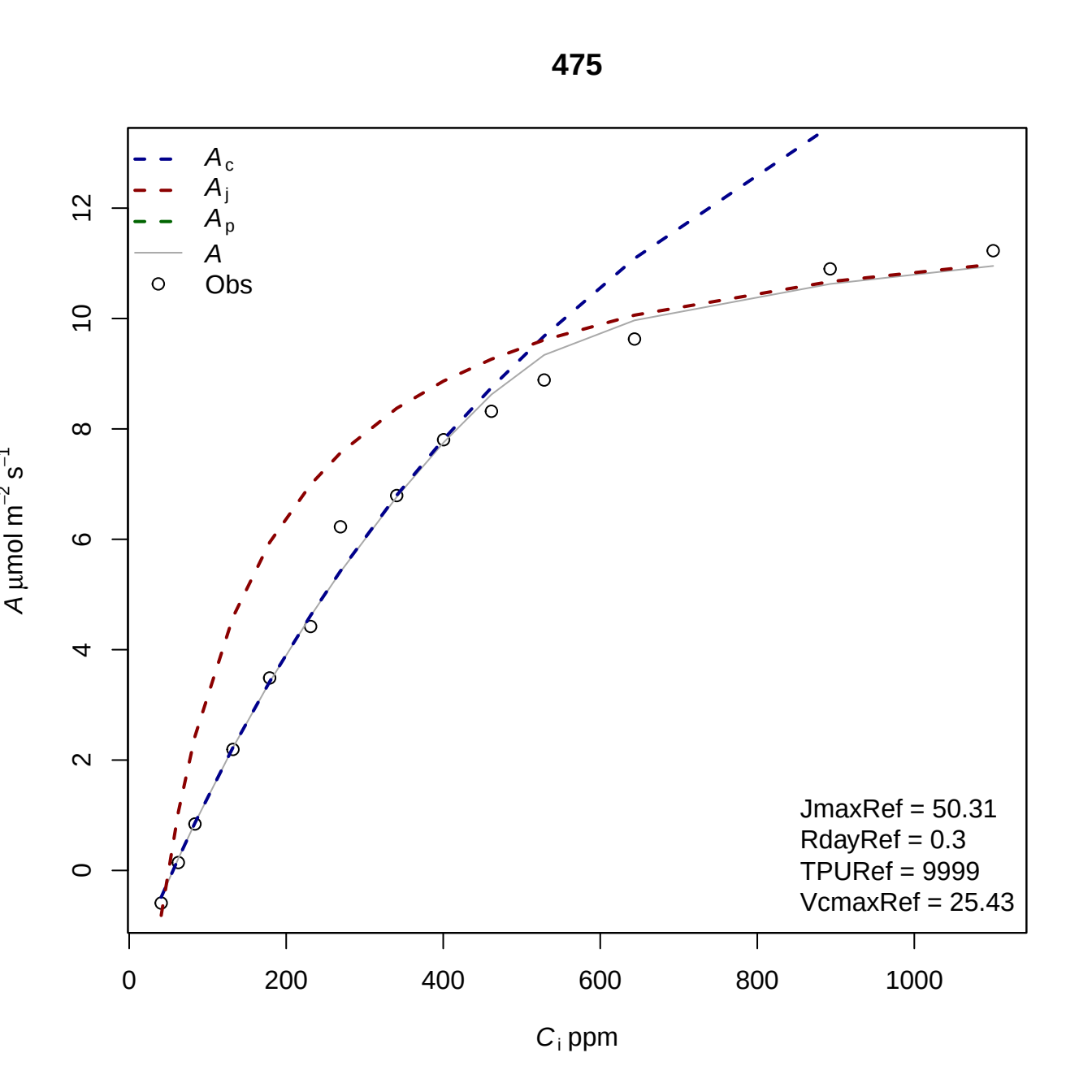

470
A_c
A_j
A_p
A
Obs
JmaxRef = 70.23
RdayRef = 1.54
TPURef = 4.51
VcmaxRef = 46.63
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200
1400

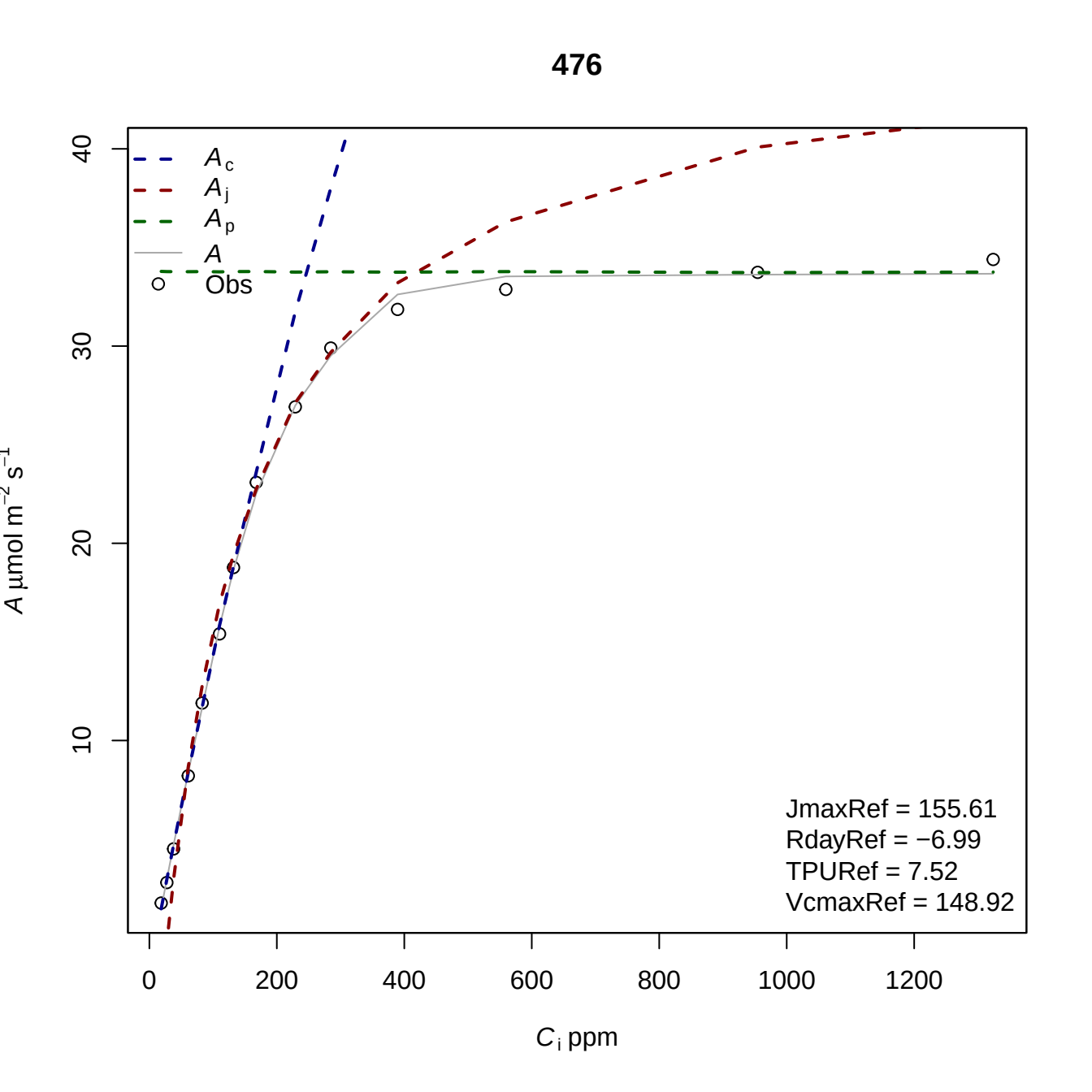

471
A_c
A_j
A_p
A
Obs
JmaxRef = 27.37
RdayRef = 0.92
TPURef = 9999
VcmaxRef = 11.68
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
5
6
200
400
600
800
1000

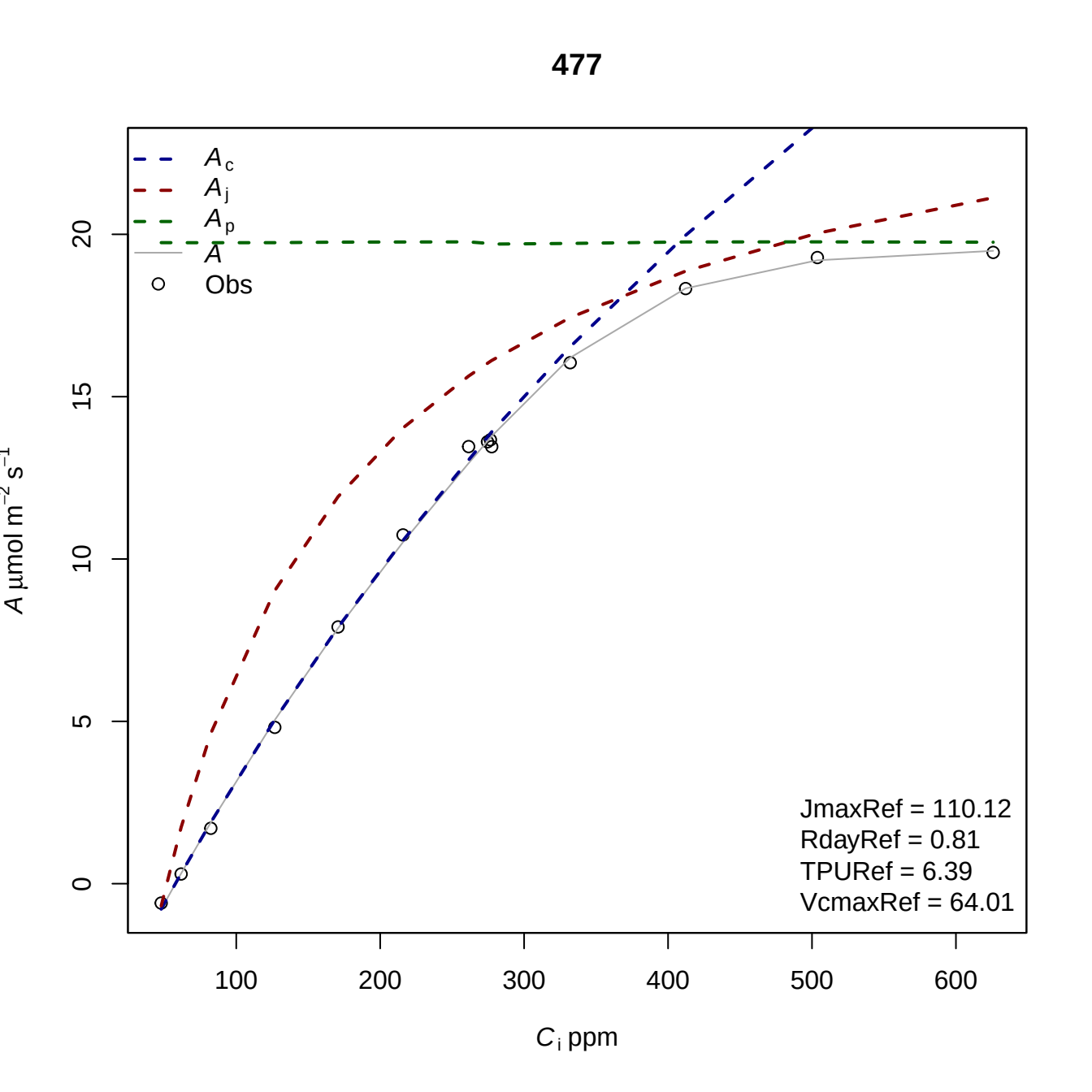

472
A_c
A_j
A_p
A
Obs
JmaxRef = 63.31
RdayRef = 0.68
TPURef = 9999
VcmaxRef = 29.96
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

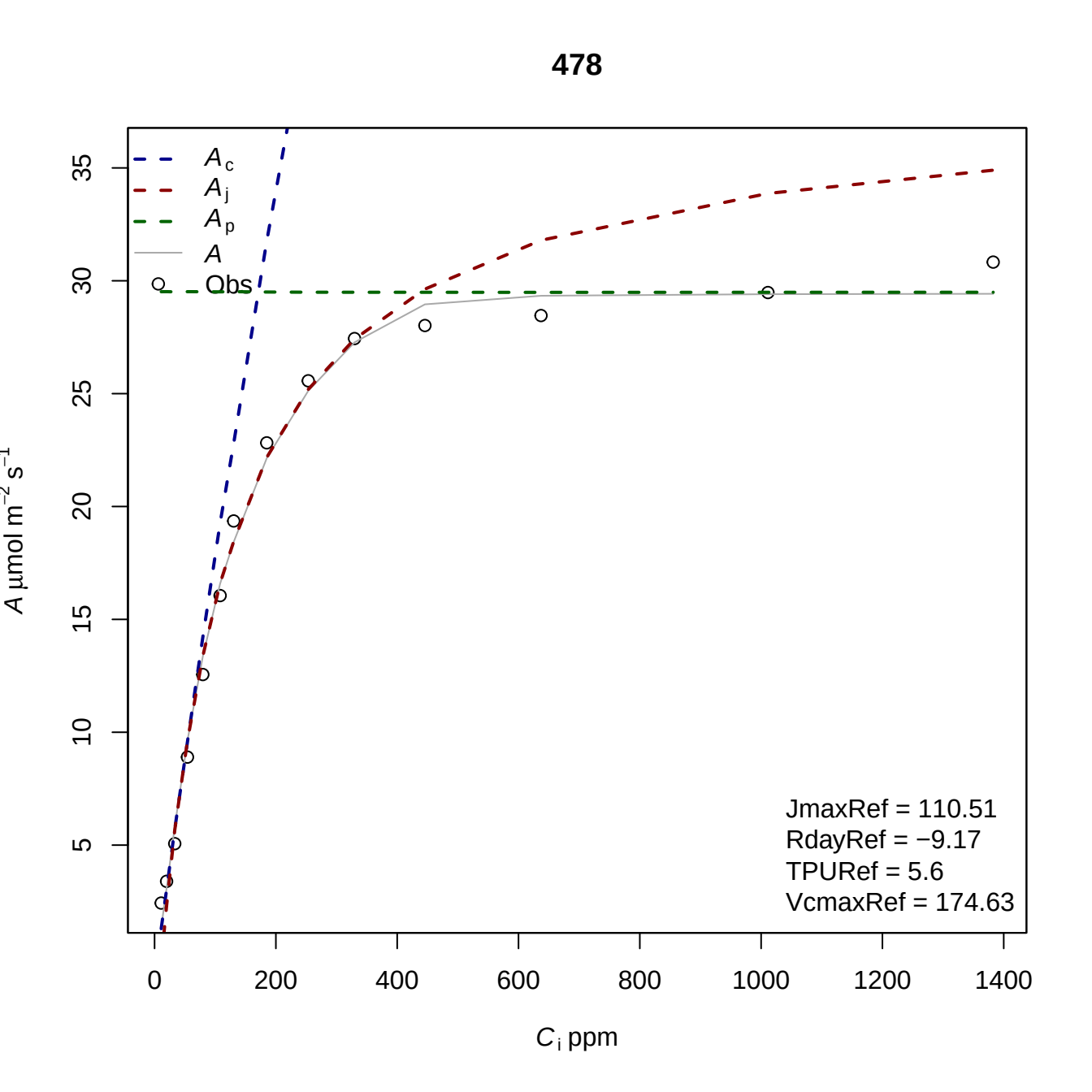

473
A_c
A_j
A_p
A
Obs
JmaxRef = 43.89
RdayRef = 0.9
TPURef = 9999
VcmaxRef = 19.64
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
0
200
400
600
800
1000
1200
1400

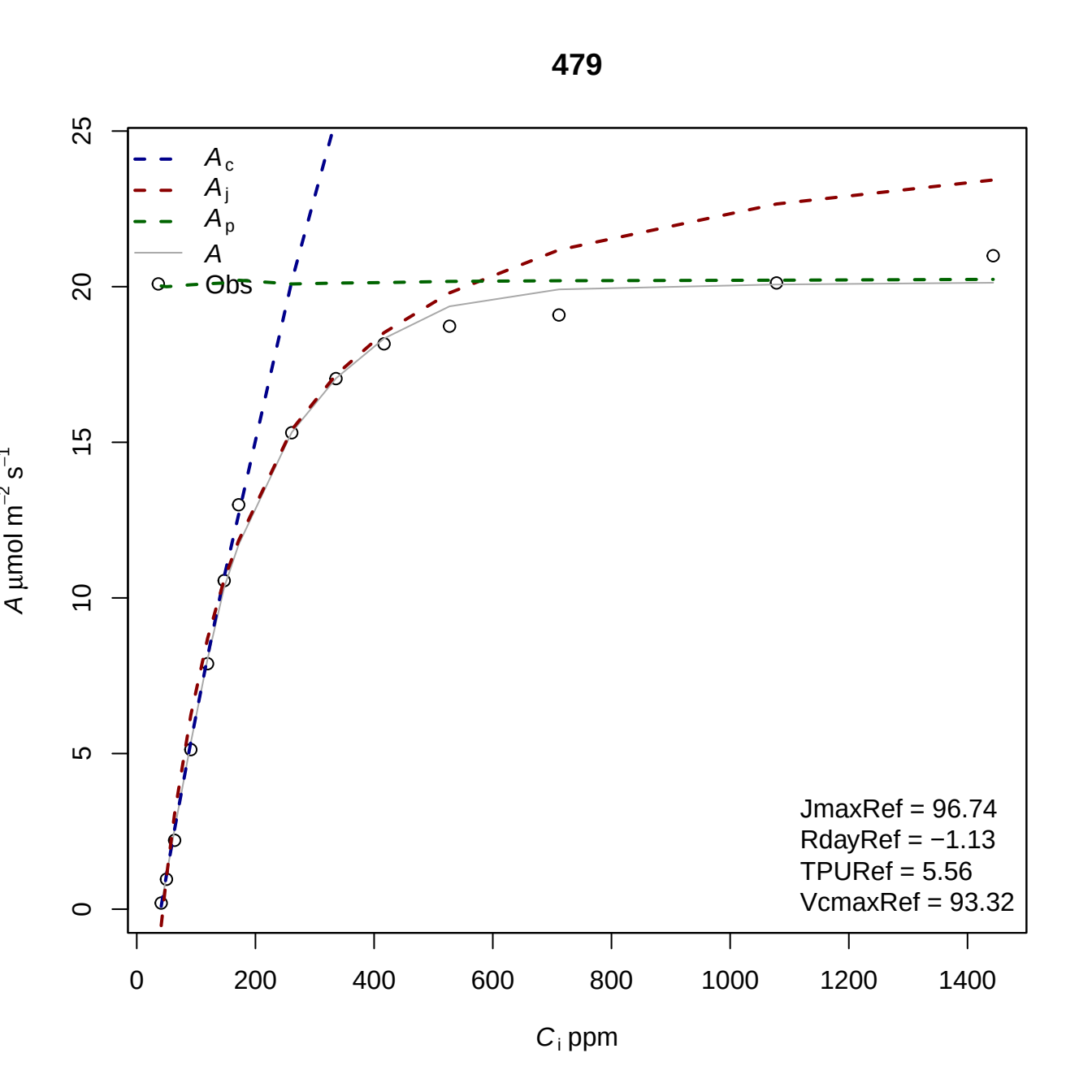

474
A_c
A_j
A_p
A
Obs
JmaxRef = 38.41
RdayRef = −0.29
TPURef = 9999
VcmaxRef = 24.73
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
100
200
300
400
500
600
700

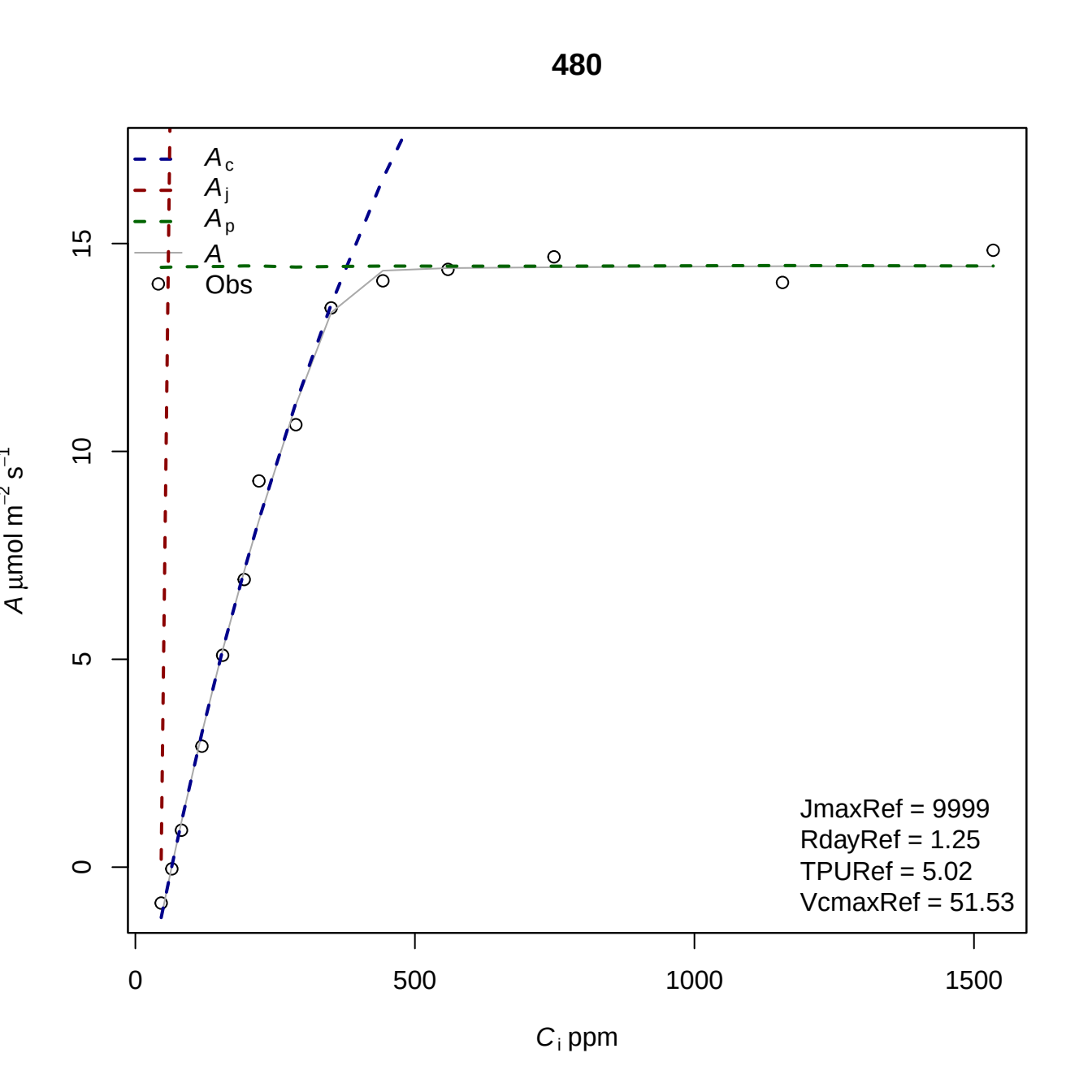

475
A_c
A_j
A_p
A
Obs
JmaxRef = 50.31
RdayRef = 0.3
TPURef = 9999
VcmaxRef = 25.43
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
0
200
400
600
800
1000

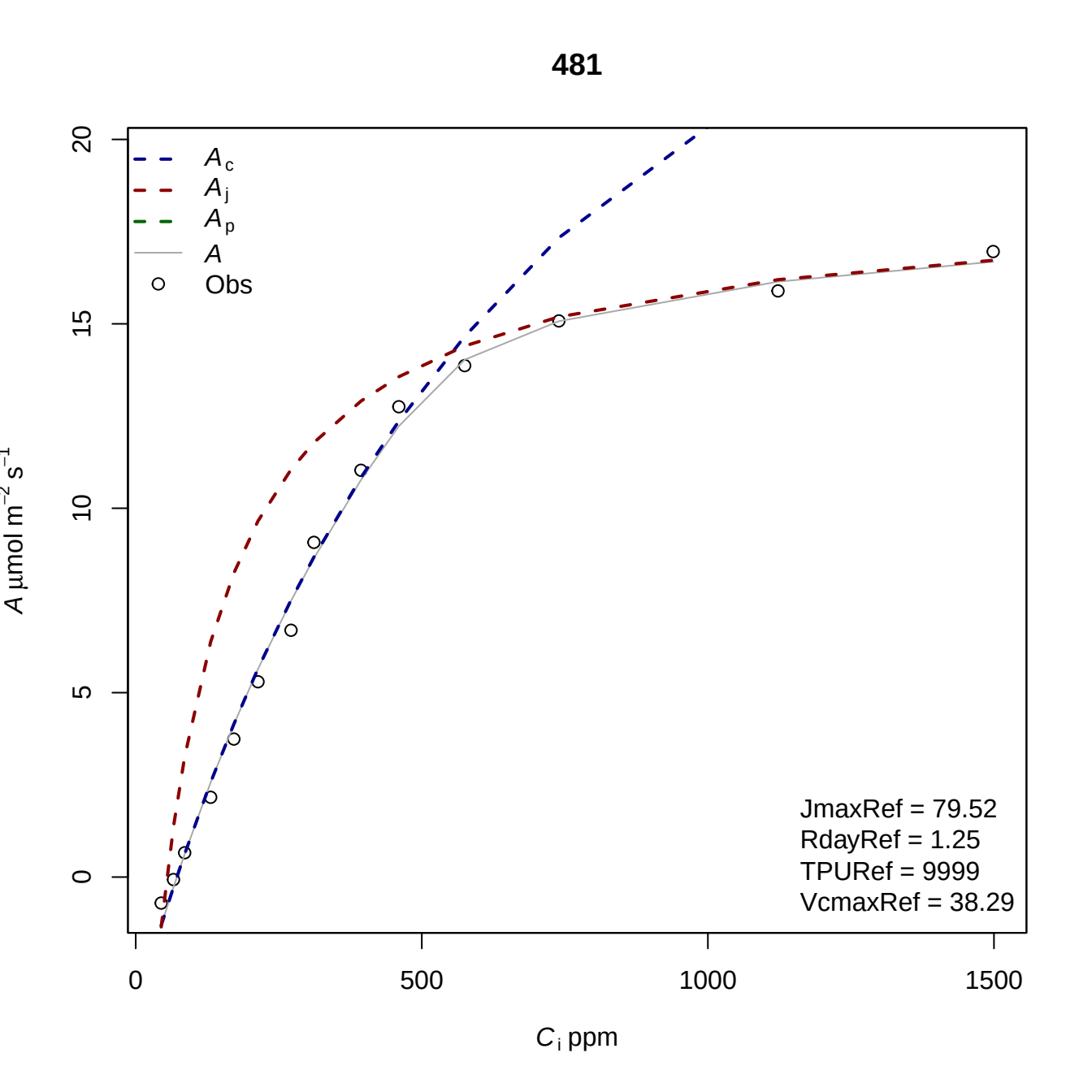

476
A_c
A_j
A_p
A
Obs
JmaxRef = 155.61
RdayRef = −6.99
TPURef = 7.52
VcmaxRef = 148.92
A µmol m^{-2} s^{-1}
C_i ppm
10
20
30
40
0
200
400
600
800
1000
1200

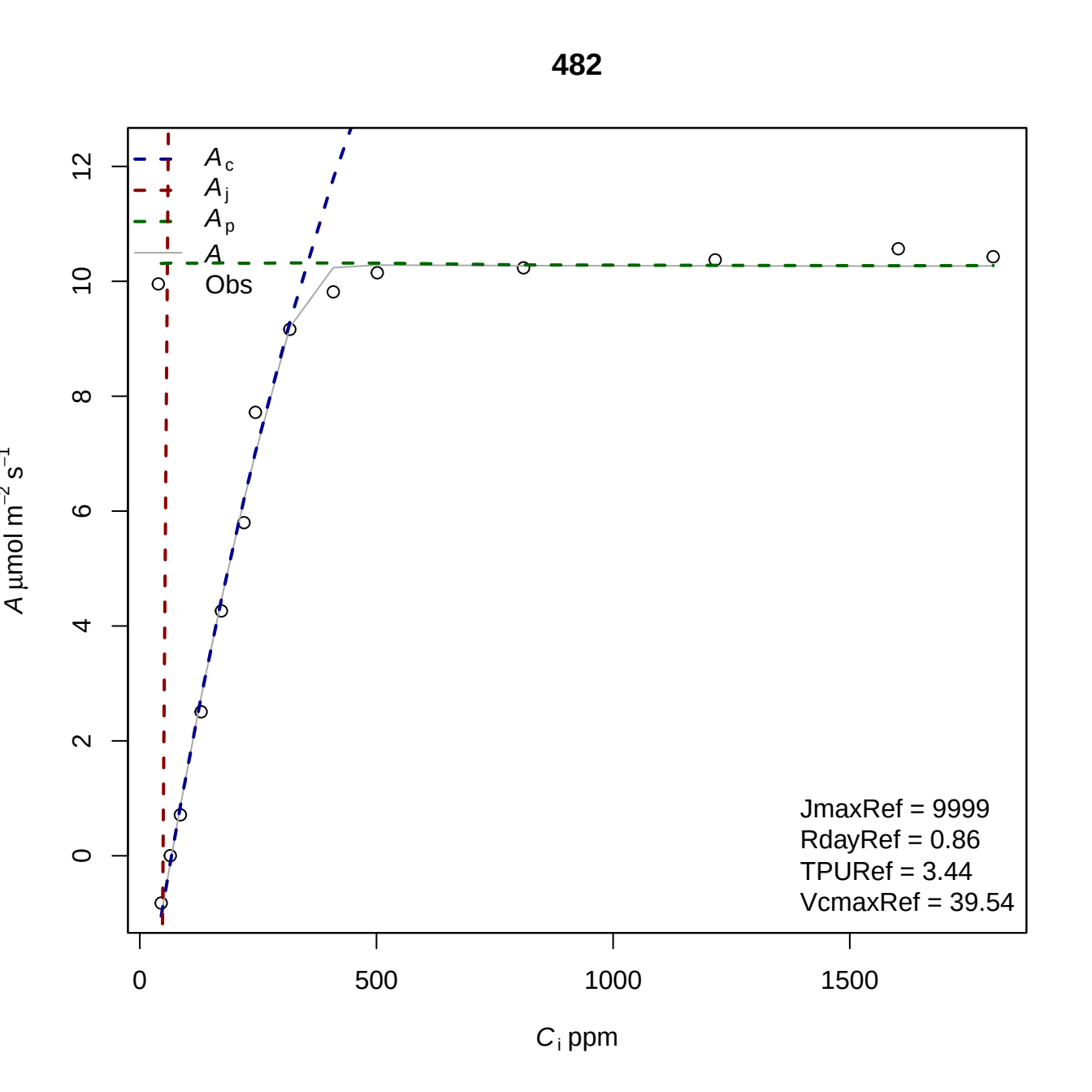

477
A_c
A_j
A_p
A
Obs
JmaxRef = 110.12
RdayRef = 0.81
TPURef = 6.39
VcmaxRef = 64.01
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
100
200
300
400
500
600

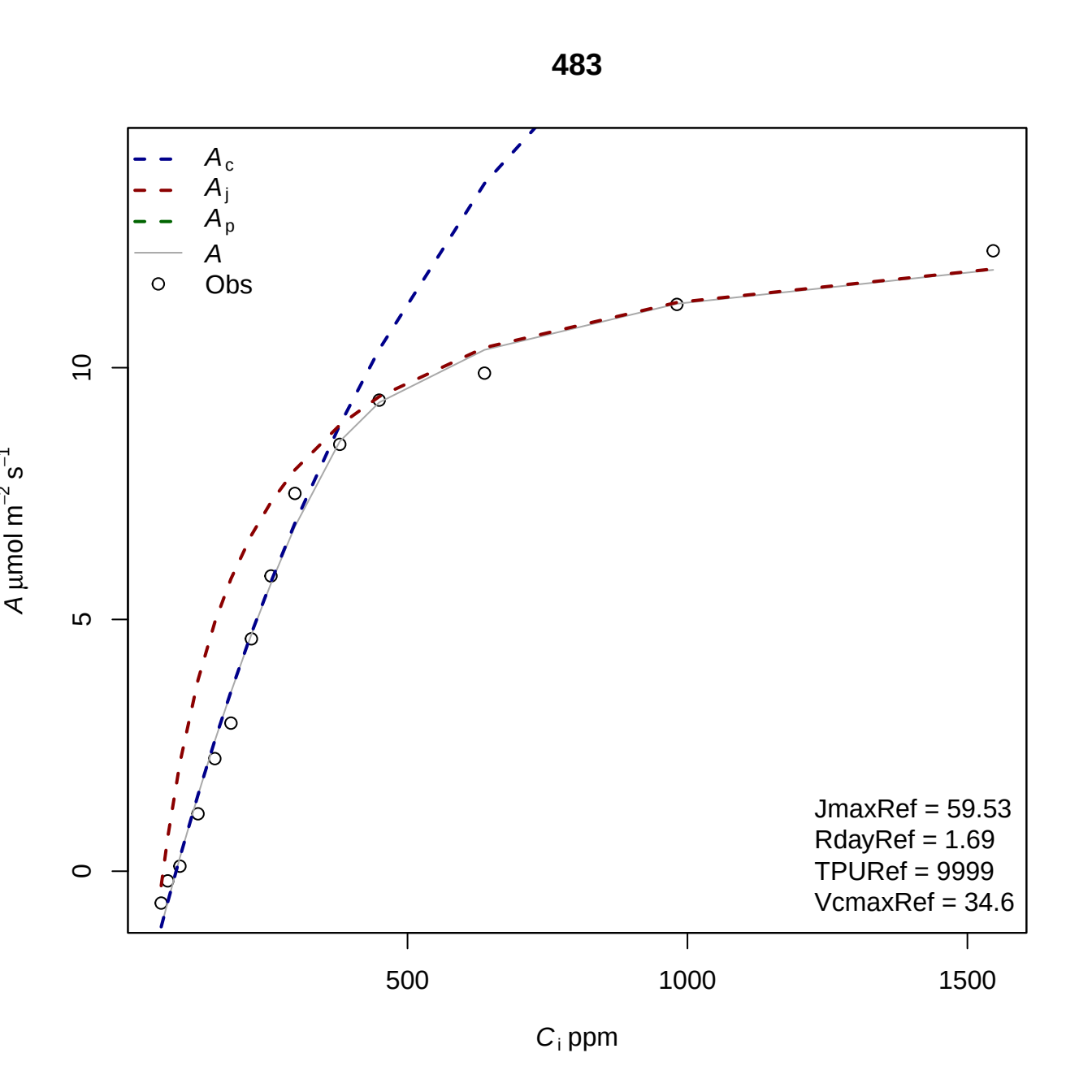

478
A_c
A_j
A_p
A
Obs
JmaxRef = 110.51
RdayRef = −9.17
TPURef = 5.6
VcmaxRef = 174.63
A µmol m^{-2} s^{-1}
C_i ppm
0
200
400
600
800
1000
1200
1400
5
10
15
20
25
30
35

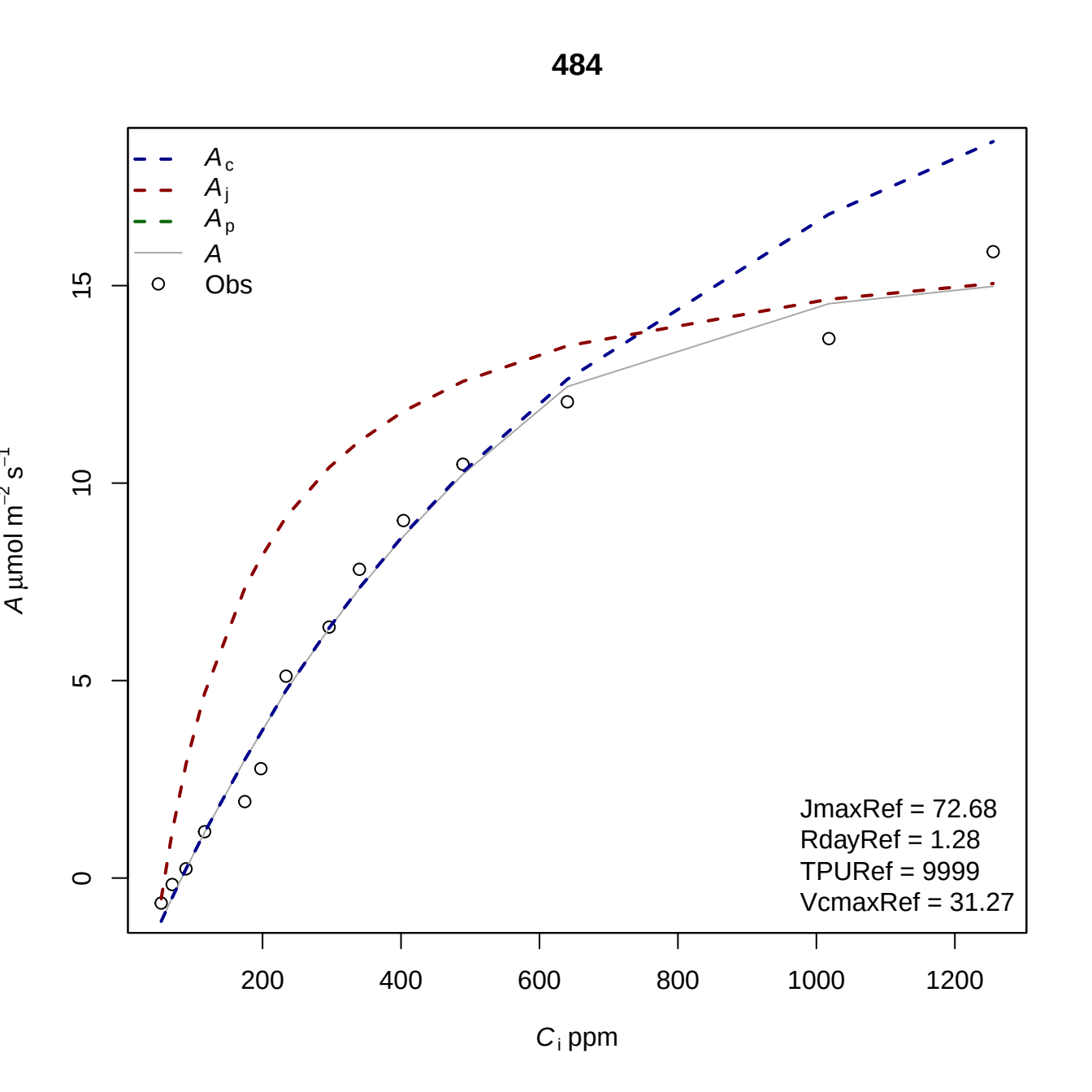

479
A_c
A_j
A_p
A
Obs
JmaxRef = 96.74
RdayRef = −1.13
TPURef = 5.56
VcmaxRef = 93.32
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

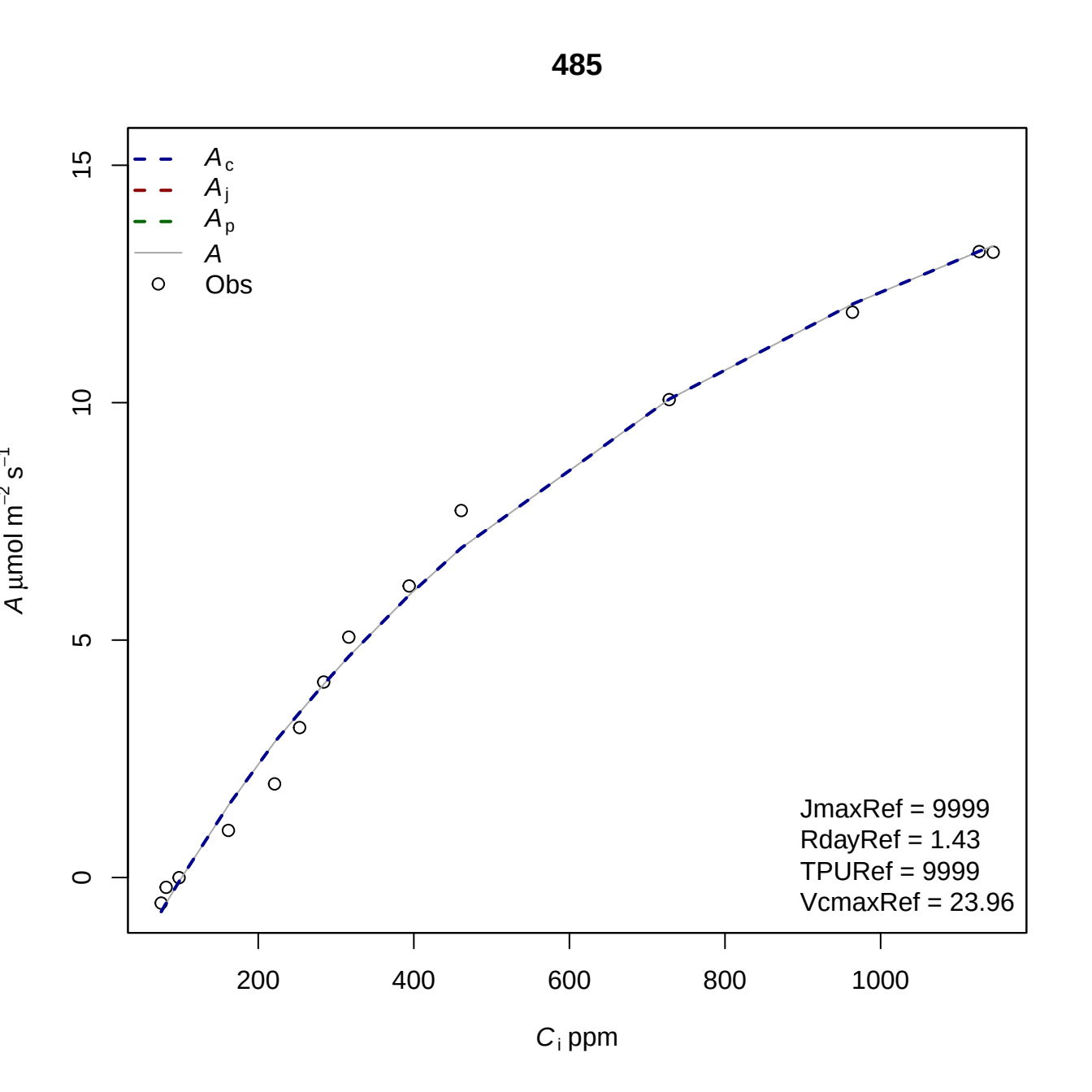

480
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.25
TPURef = 5.02
VcmaxRef = 51.53
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

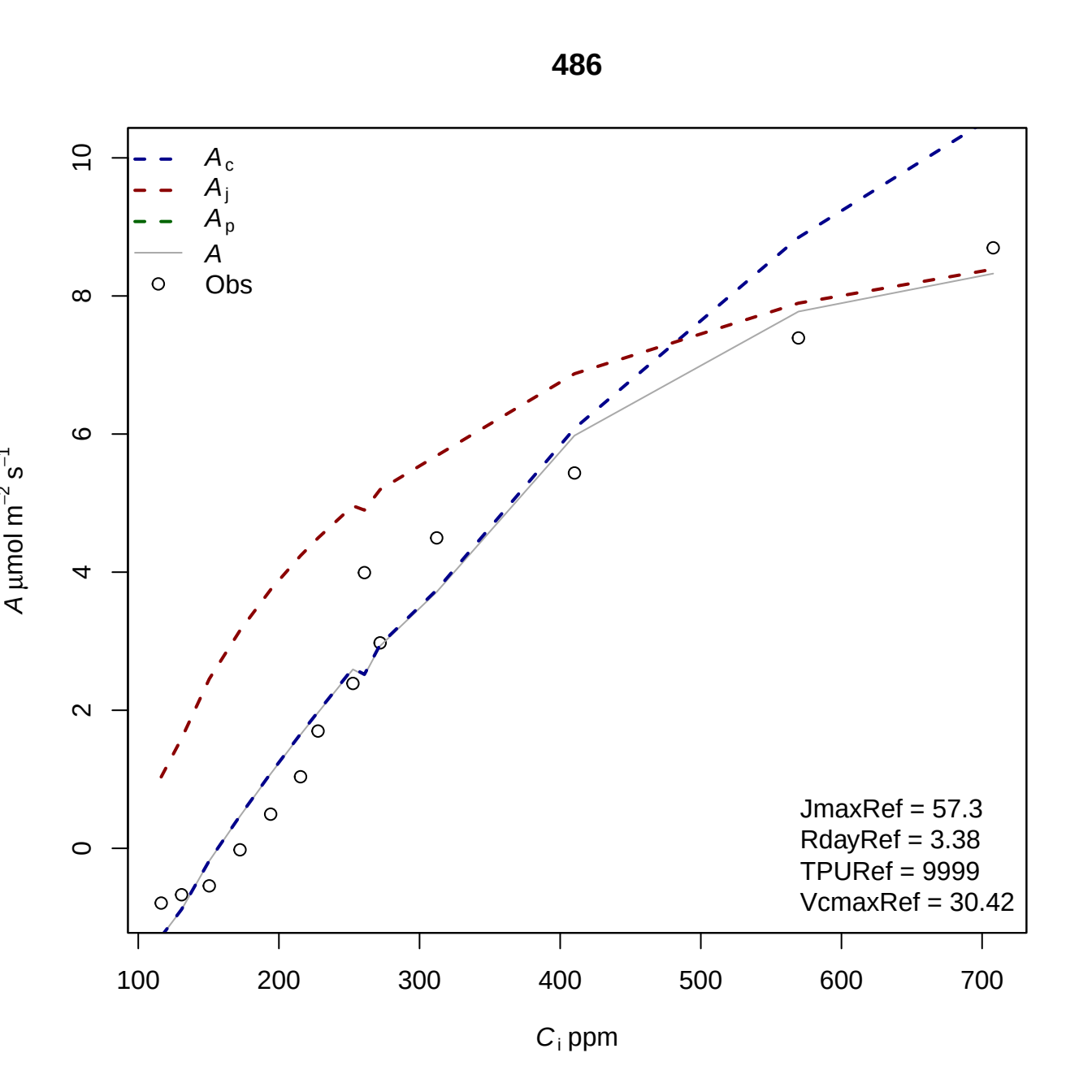

481
A_c
A_j
A_p
A
Obs
JmaxRef = 79.52
RdayRef = 1.25
TPURef = 9999
VcmaxRef = 38.29
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

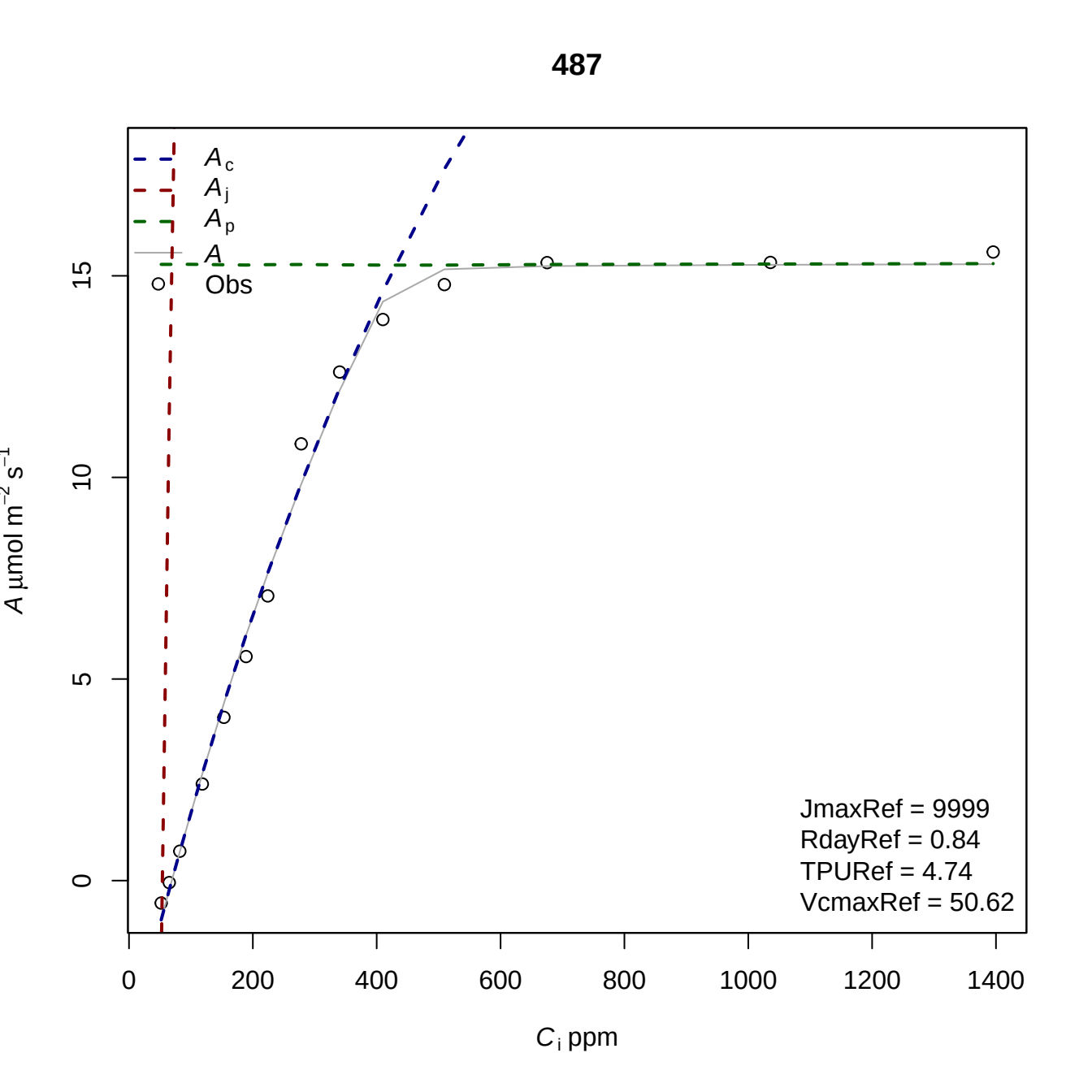

482
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.86
TPURef = 3.44
VcmaxRef = 39.54
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
0
500
1000
1500

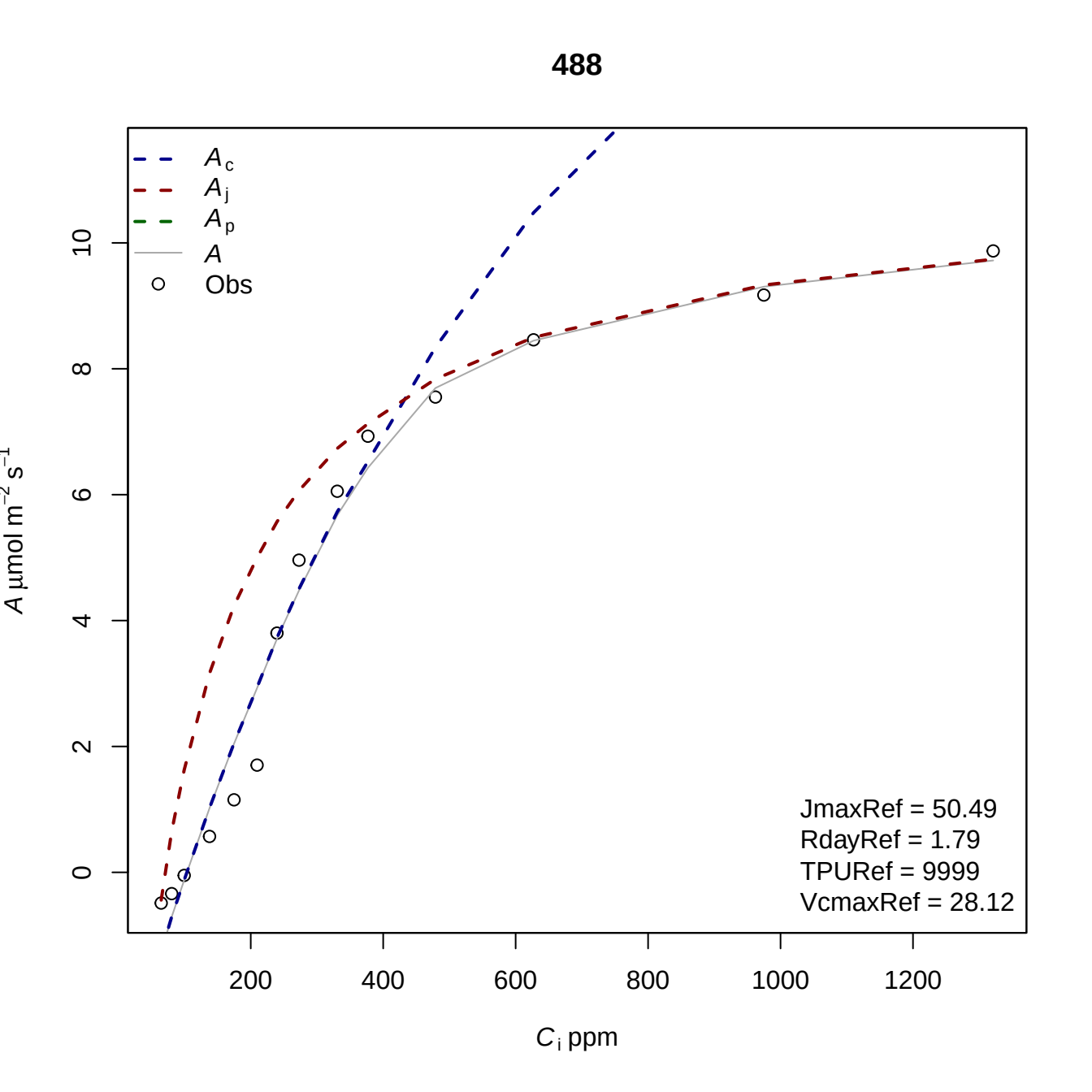

483
A_c
A_j
A_p
A
Obs
JmaxRef = 59.53
RdayRef = 1.69
TPURef = 9999
VcmaxRef = 34.6
0
5
10
500
1000
1500
A µmol m^{-2} s^{-1}
C_i ppm

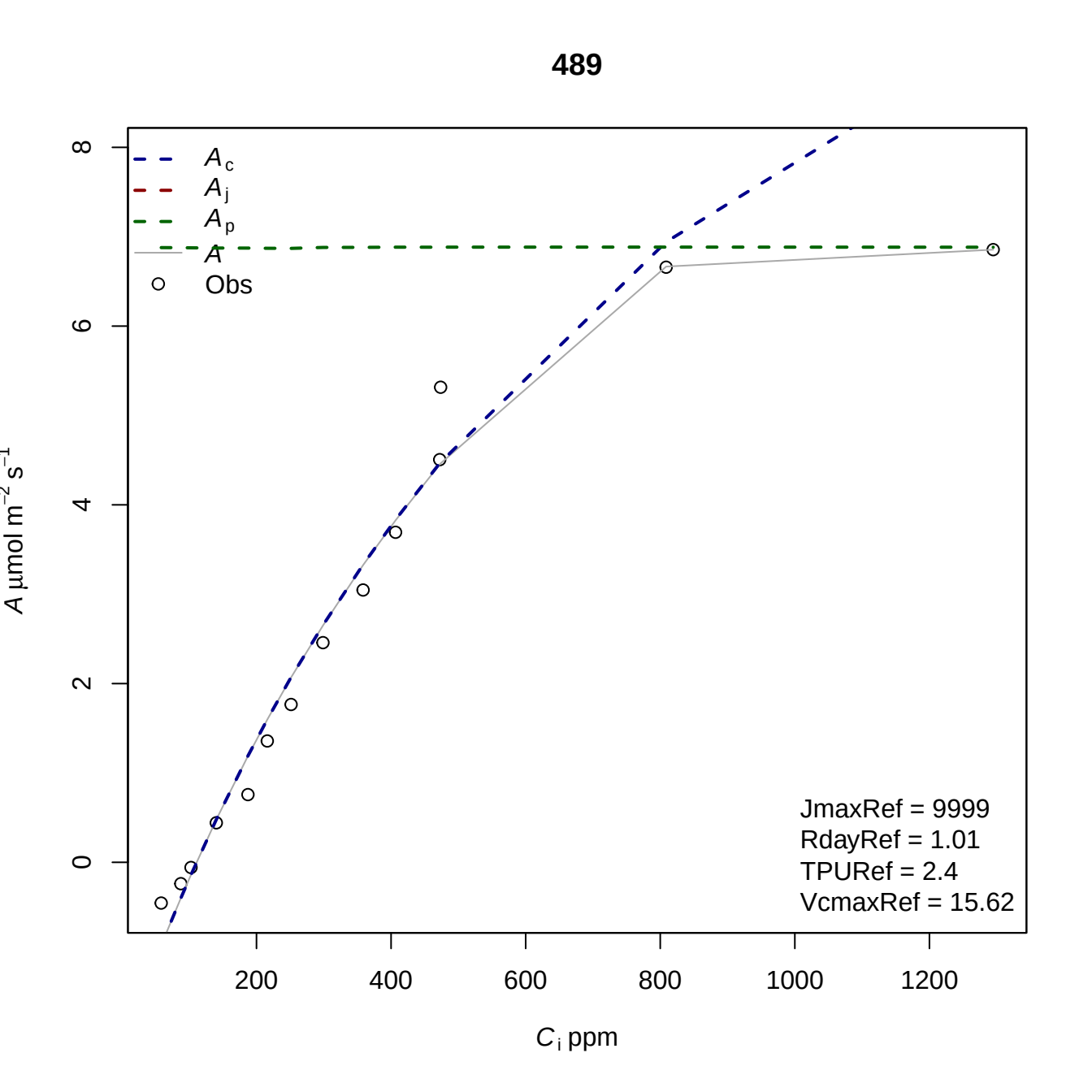

484
A_c
A_j
A_p
A
Obs
JmaxRef = 72.68
RdayRef = 1.28
TPURef = 9999
VcmaxRef = 31.27
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

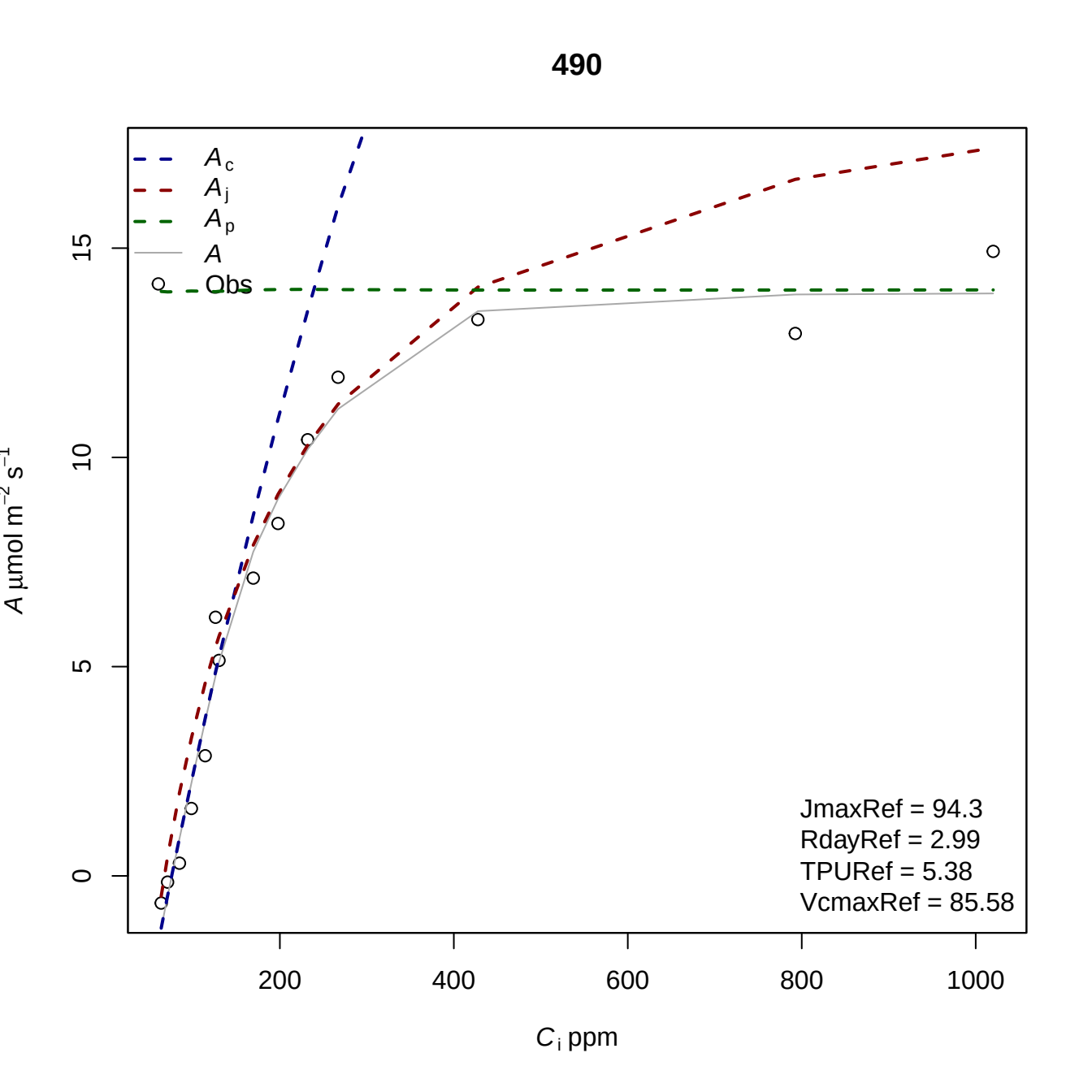

485
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.43
TPURef = 9999
VcmaxRef = 23.96
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000

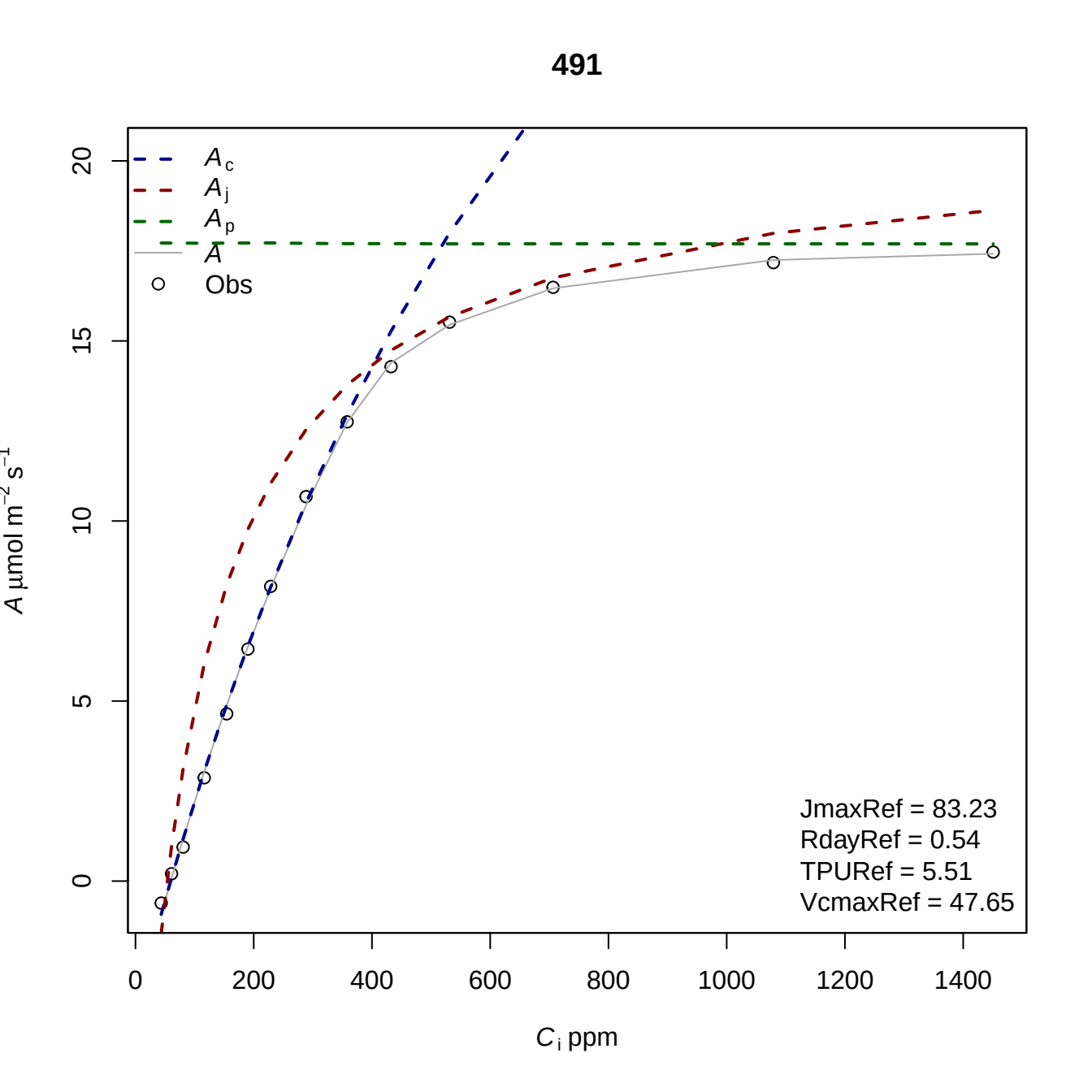

486
A_c
A_j
A_p
A
Obs
JmaxRef = 57.3
RdayRef = 3.38
TPURef = 9999
VcmaxRef = 30.42
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
100
200
300
400
500
600
700

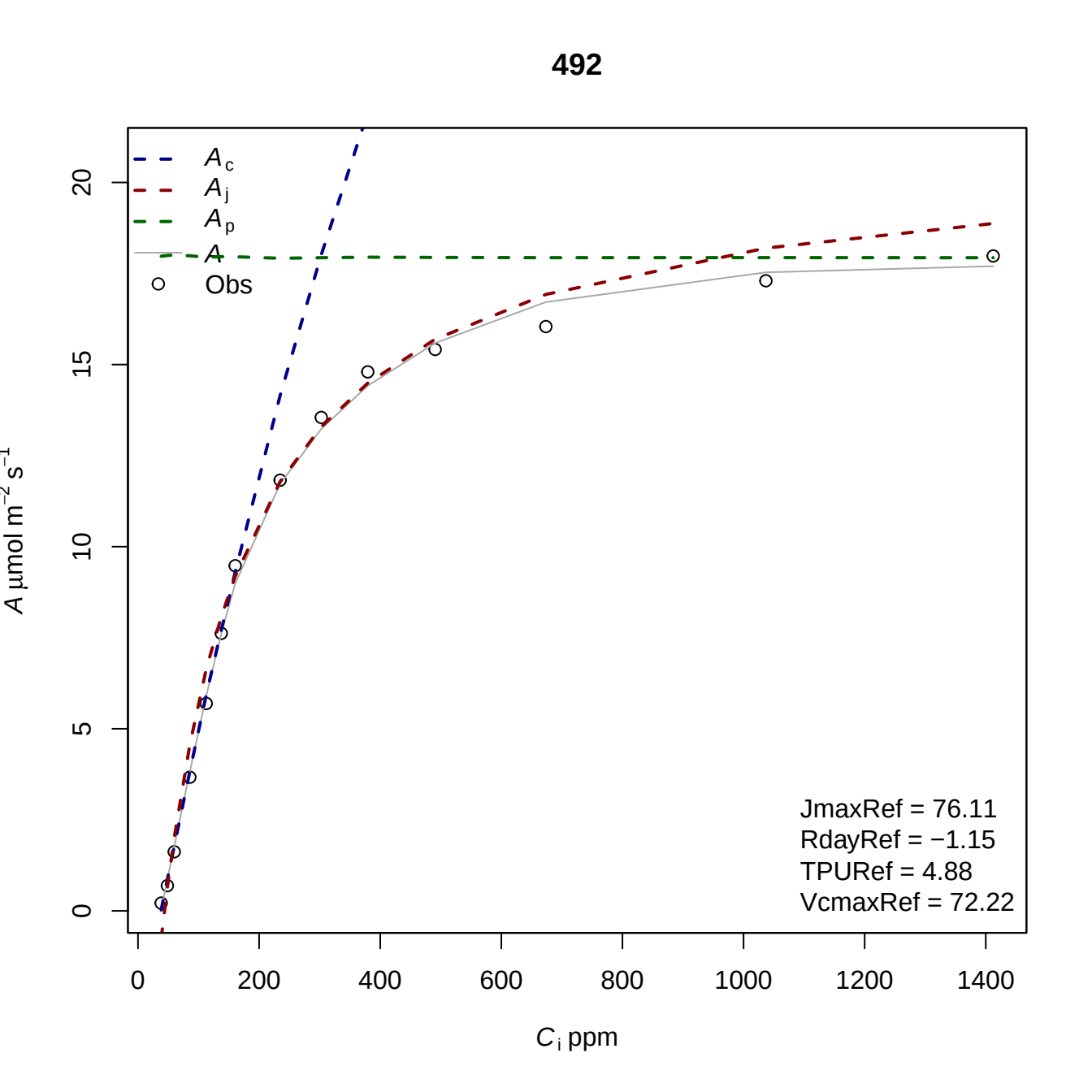

487
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.84
TPURef = 4.74
VcmaxRef = 50.62
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

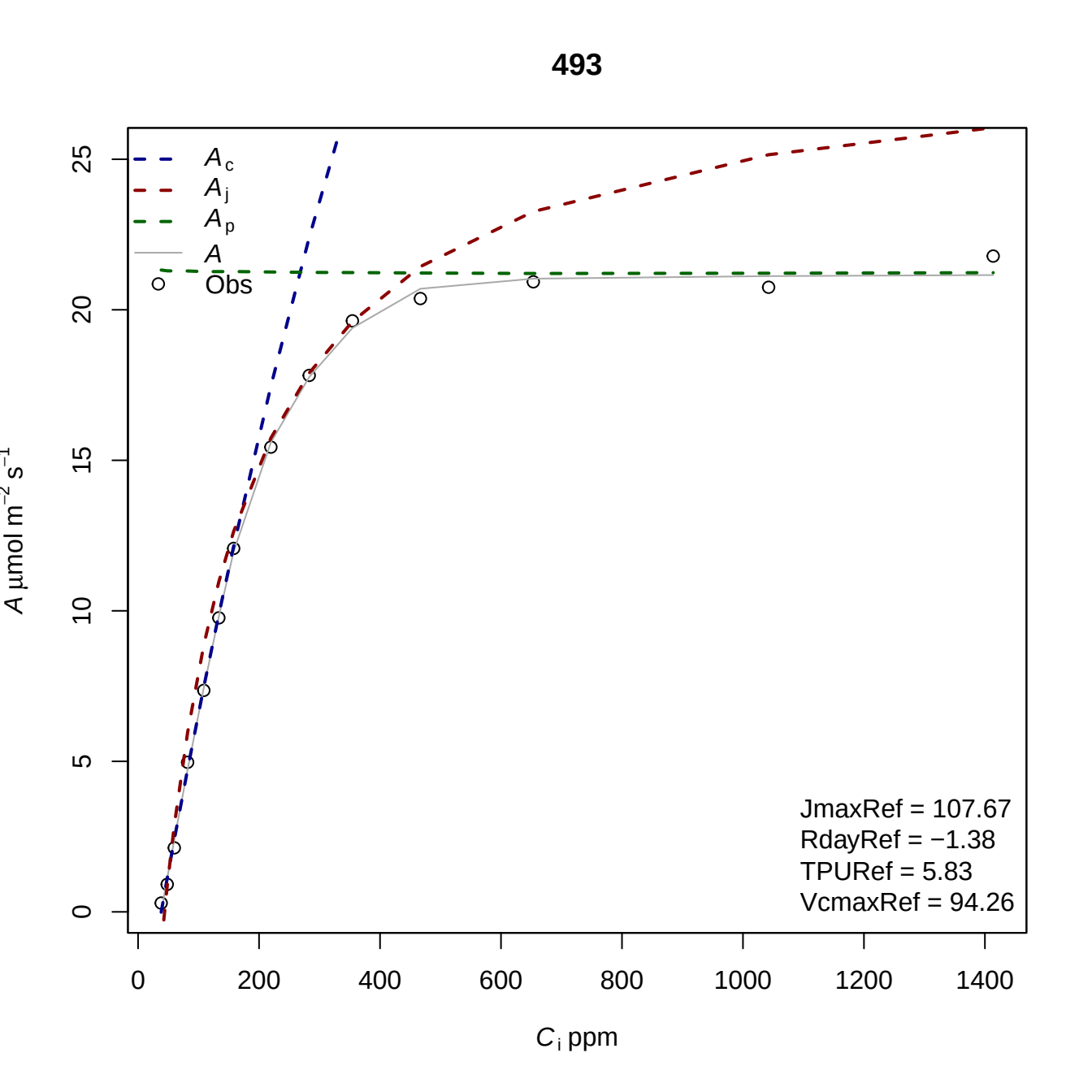

488
A_c
A_j
A_p
A
Obs
JmaxRef = 50.49
RdayRef = 1.79
TPURef = 9999
VcmaxRef = 28.12
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000
1200

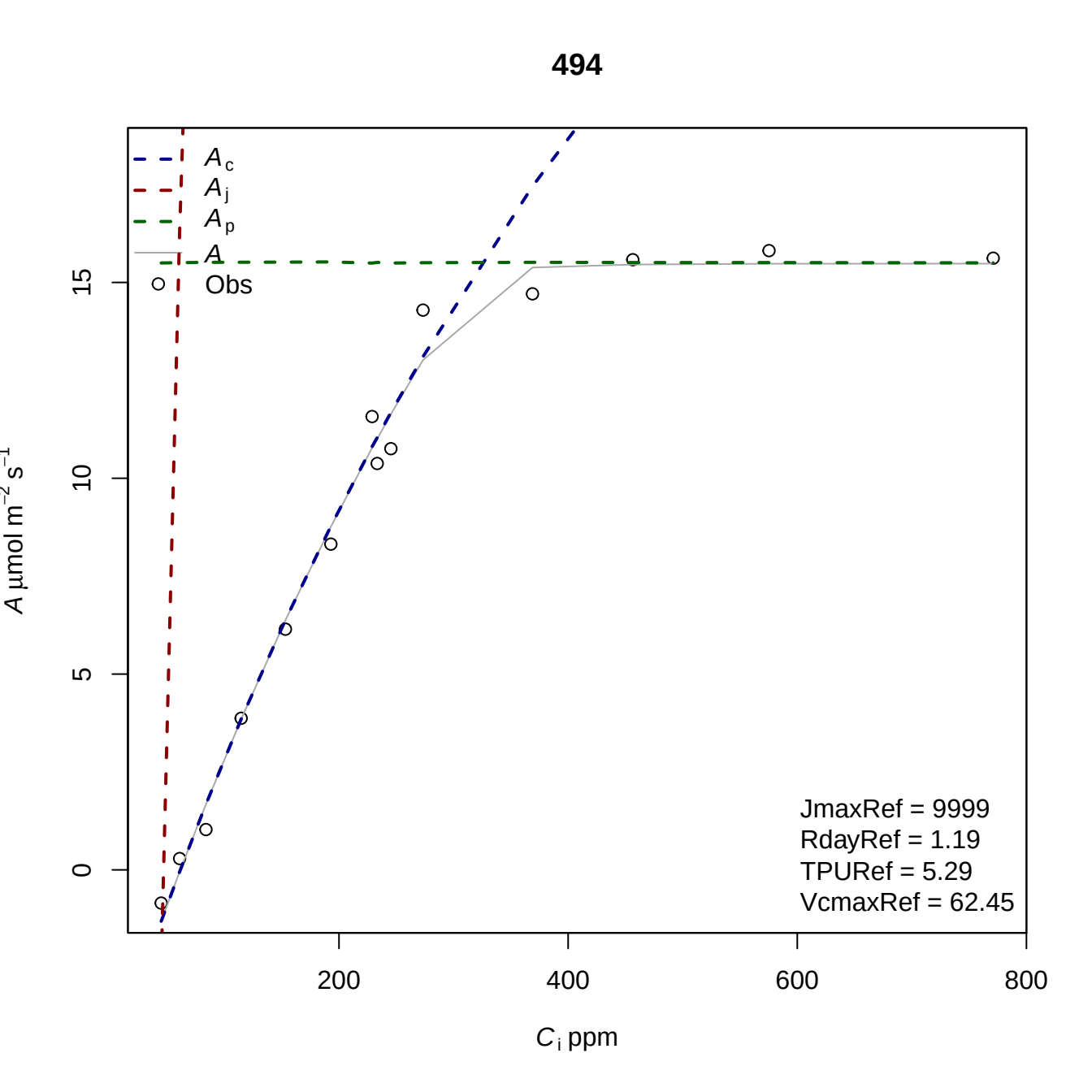

489
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.01
TPURef = 2.4
VcmaxRef = 15.62
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
200
400
600
800
1000
1200

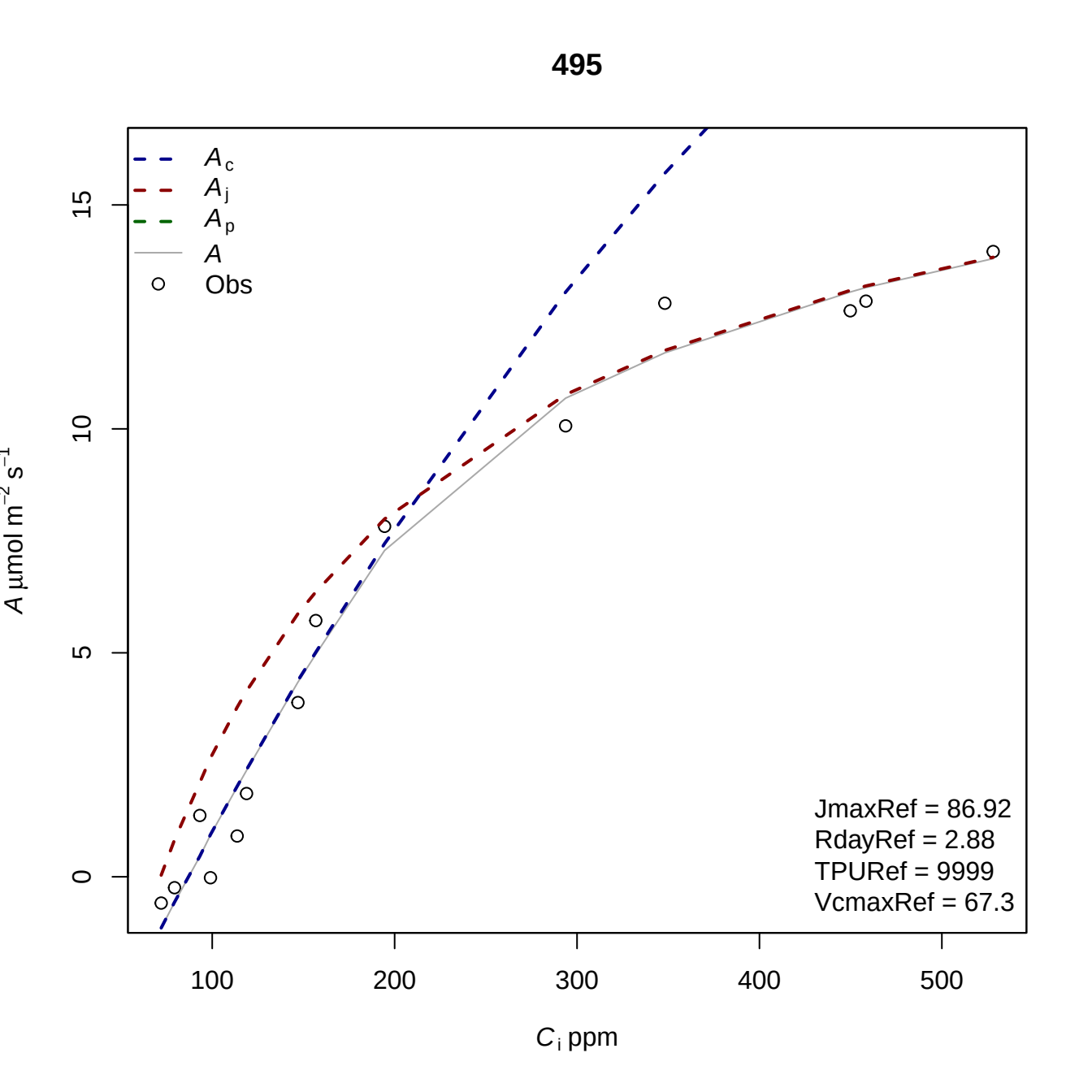

490
A_c
A_j
A_p
A
Obs
JmaxRef = 94.3
RdayRef = 2.99
TPURef = 5.38
VcmaxRef = 85.58
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000

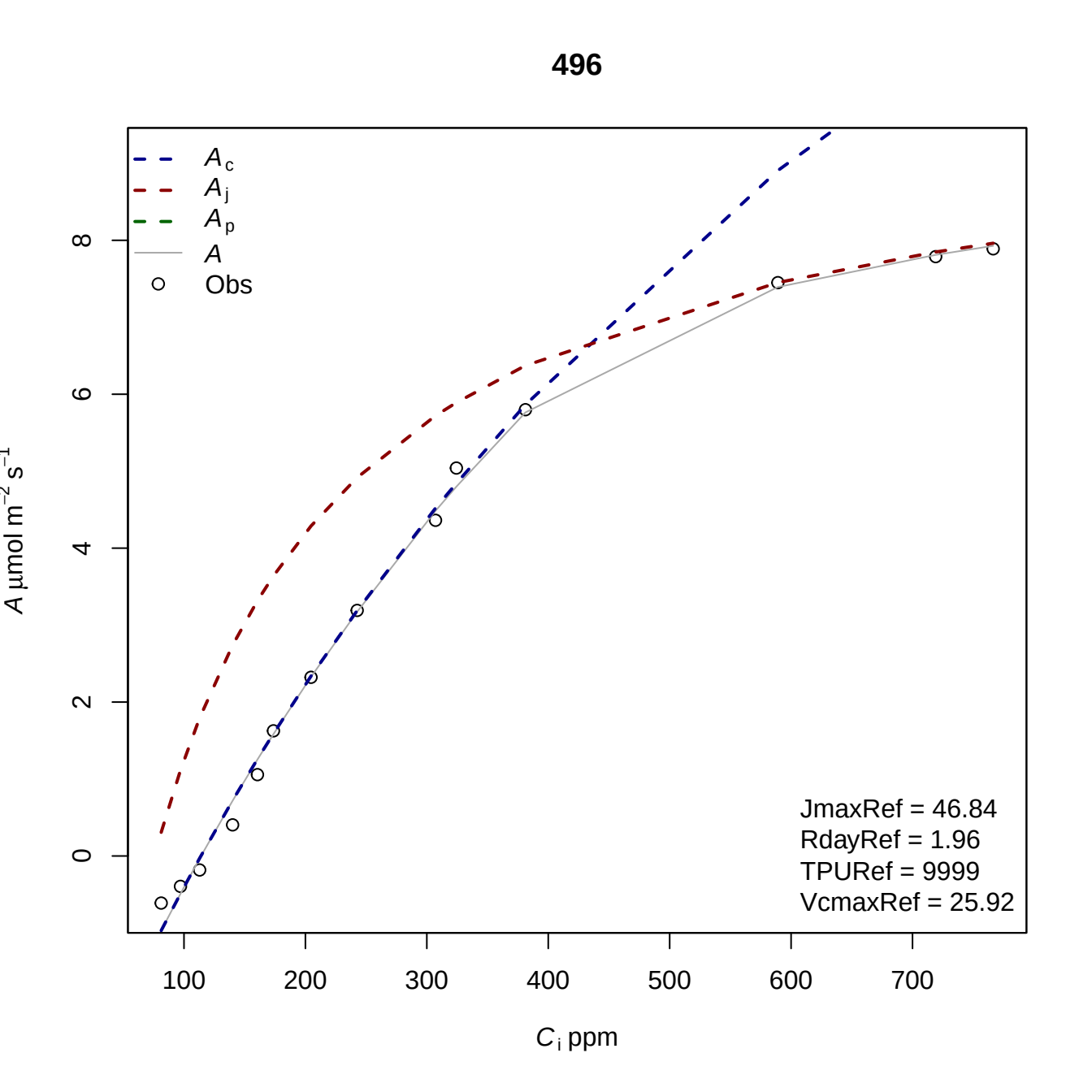

491
A_c
A_j
A_p
A
Obs
JmaxRef = 83.23
RdayRef = 0.54
TPURef = 5.51
VcmaxRef = 47.65
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

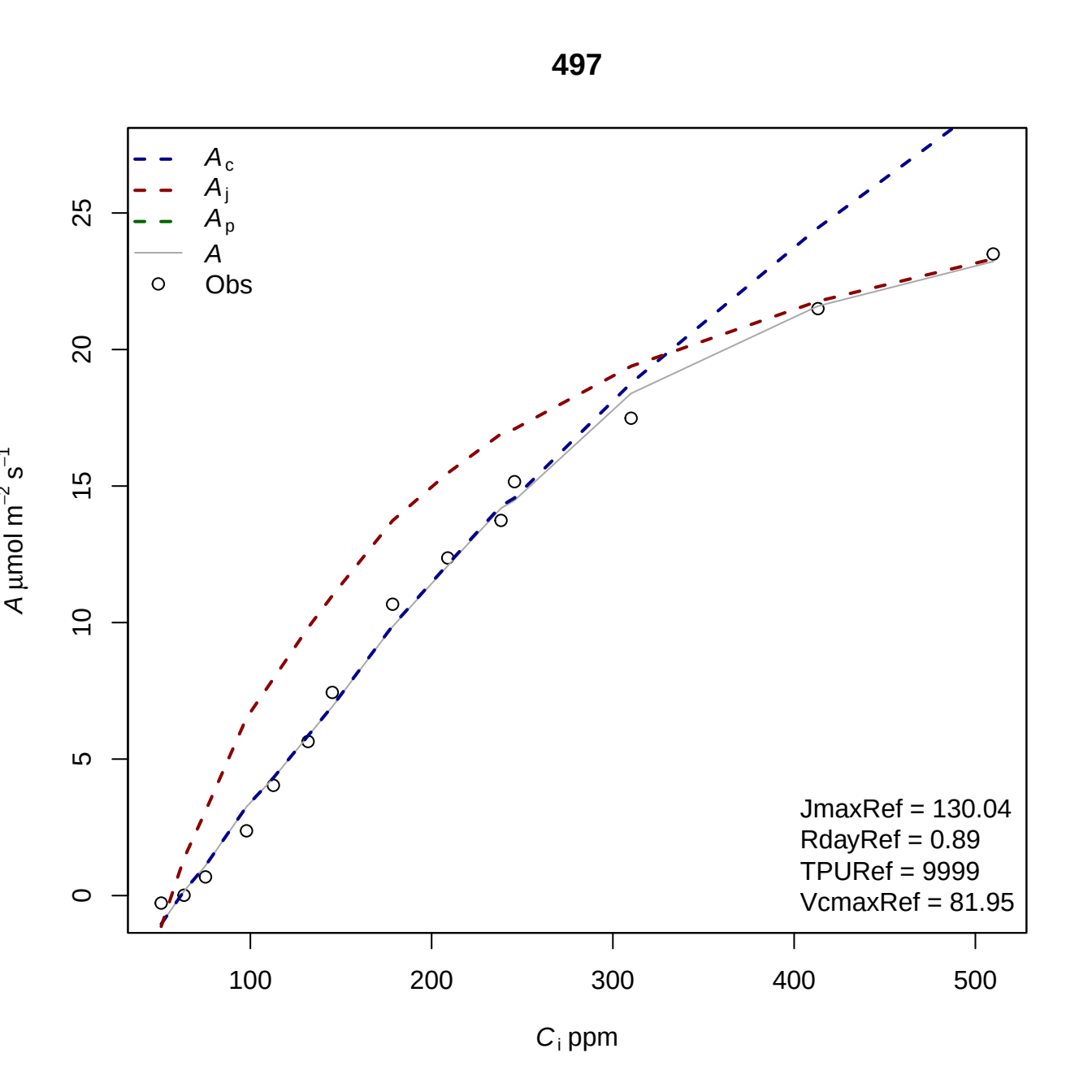

492
A_c
A_j
A_p
A
Obs
JmaxRef = 76.11
RdayRef = −1.15
TPURef = 4.88
VcmaxRef = 72.22
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

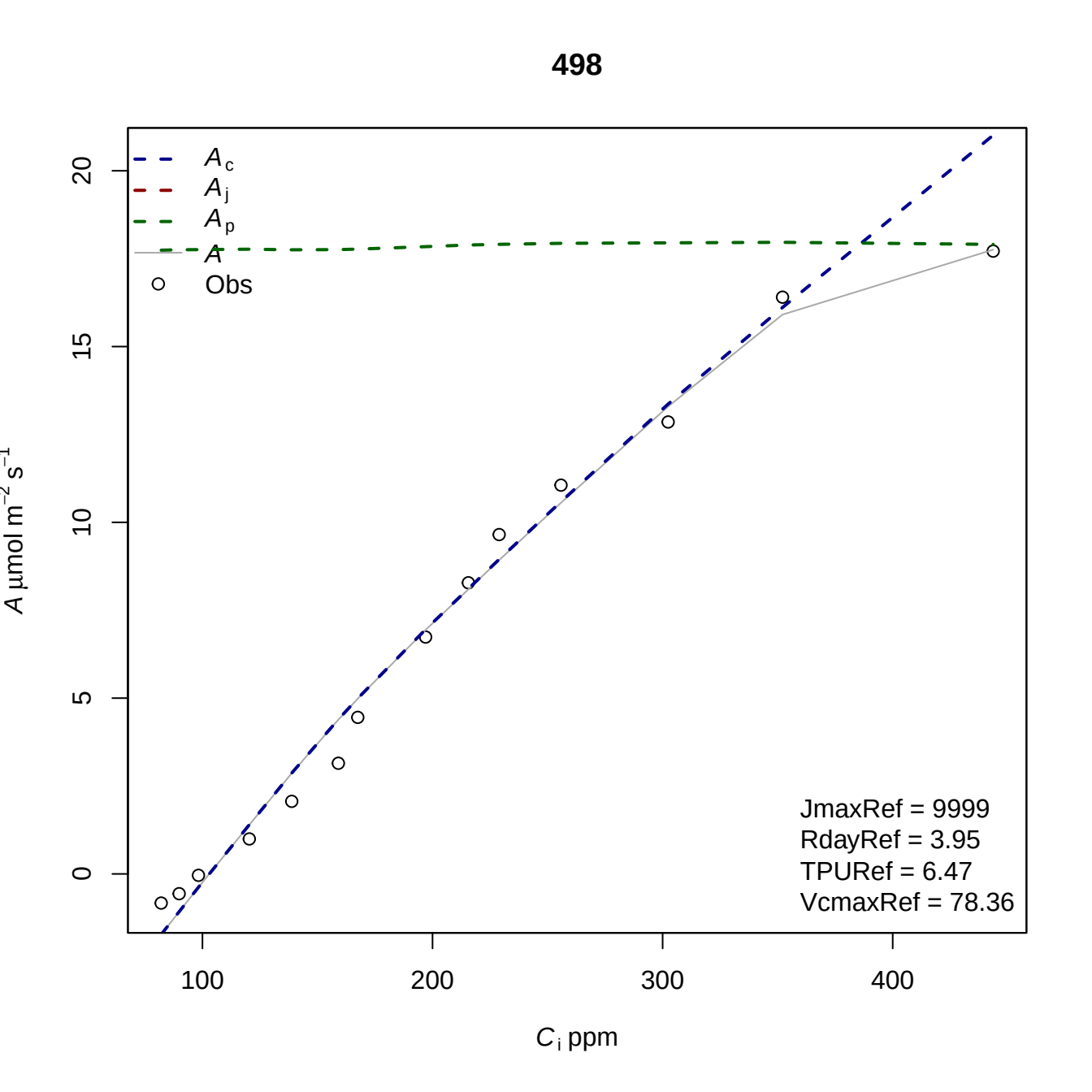

493
A_c
A_j
A_p
A
Obs
JmaxRef = 107.67
RdayRef = −1.38
TPURef = 5.83
VcmaxRef = 94.26
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

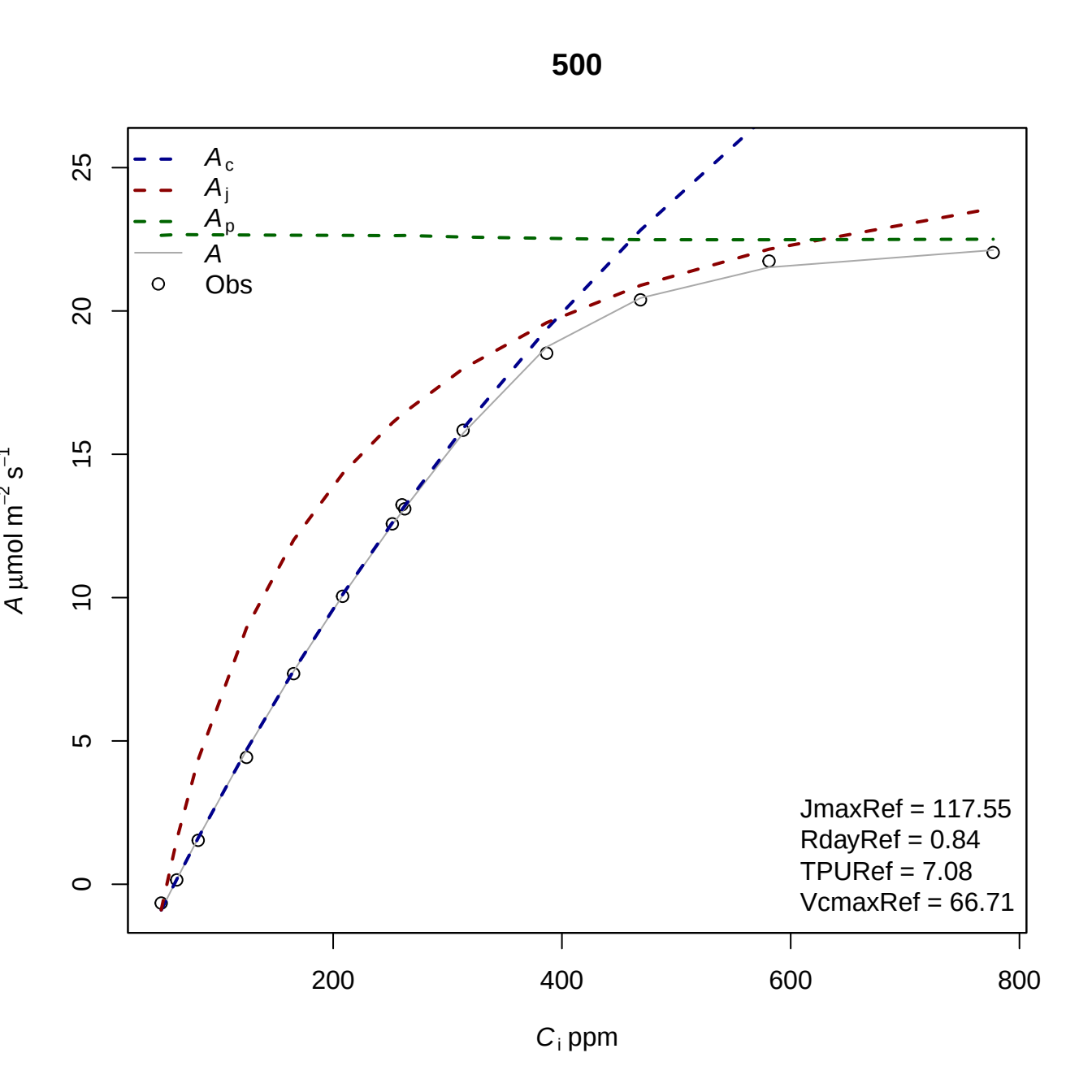

494
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.19
TPURef = 5.29
VcmaxRef = 62.45
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800

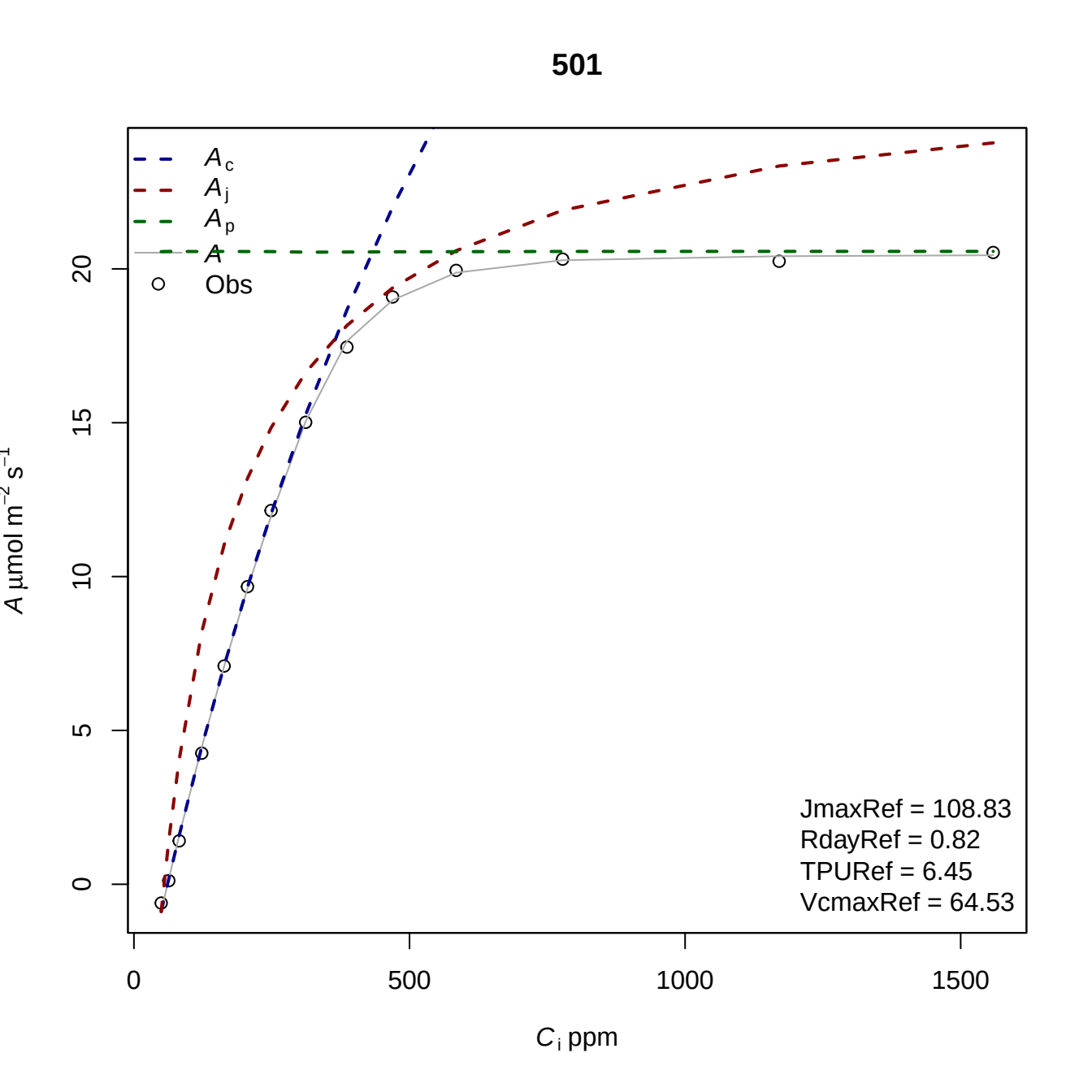

495
A_c
A_j
A_p
A
Obs
JmaxRef = 86.92
RdayRef = 2.88
TPURef = 9999
VcmaxRef = 67.3
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
100
200
300
400
500

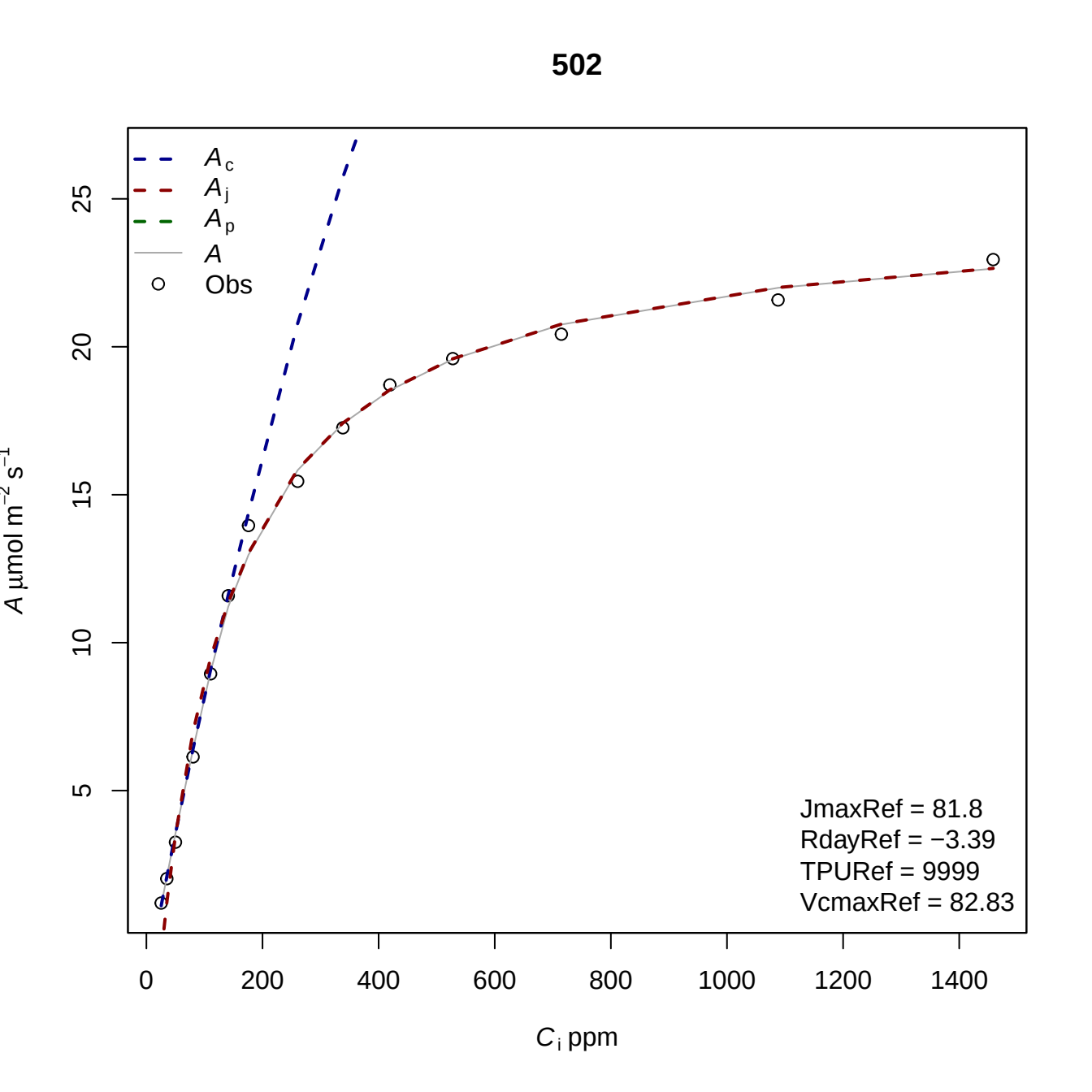

496
A_c
A_j
A_p
A
Obs
JmaxRef = 46.84
RdayRef = 1.96
TPURef = 9999
VcmaxRef = 25.92
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
100
200
300
400
500
600
700

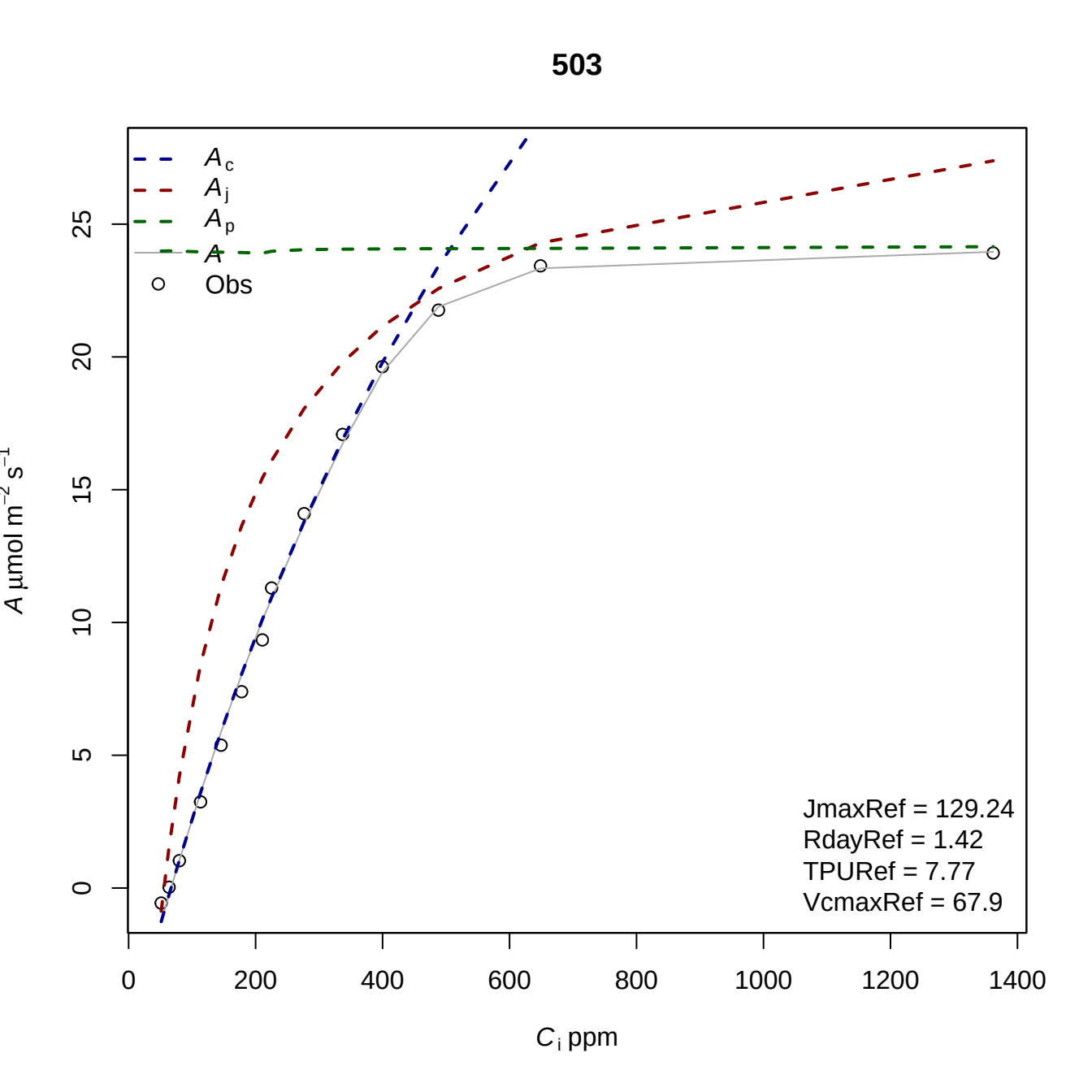

497
A_c
A_j
A_p
A
Obs
JmaxRef = 130.04
RdayRef = 0.89
TPURef = 9999
VcmaxRef = 81.95
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
100
200
300
400
500

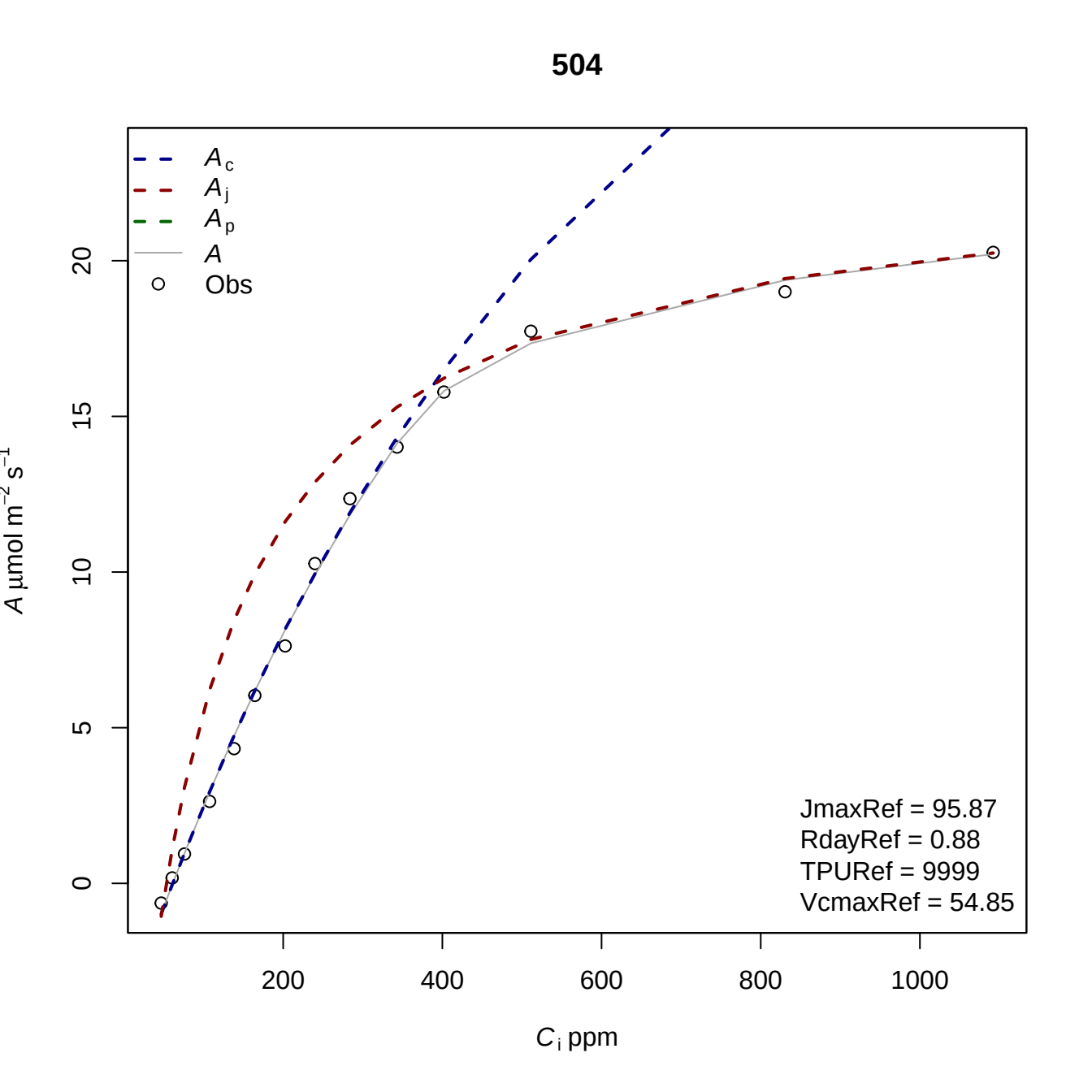

498
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 3.95
TPURef = 6.47
VcmaxRef = 78.36
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
100
200
300
400

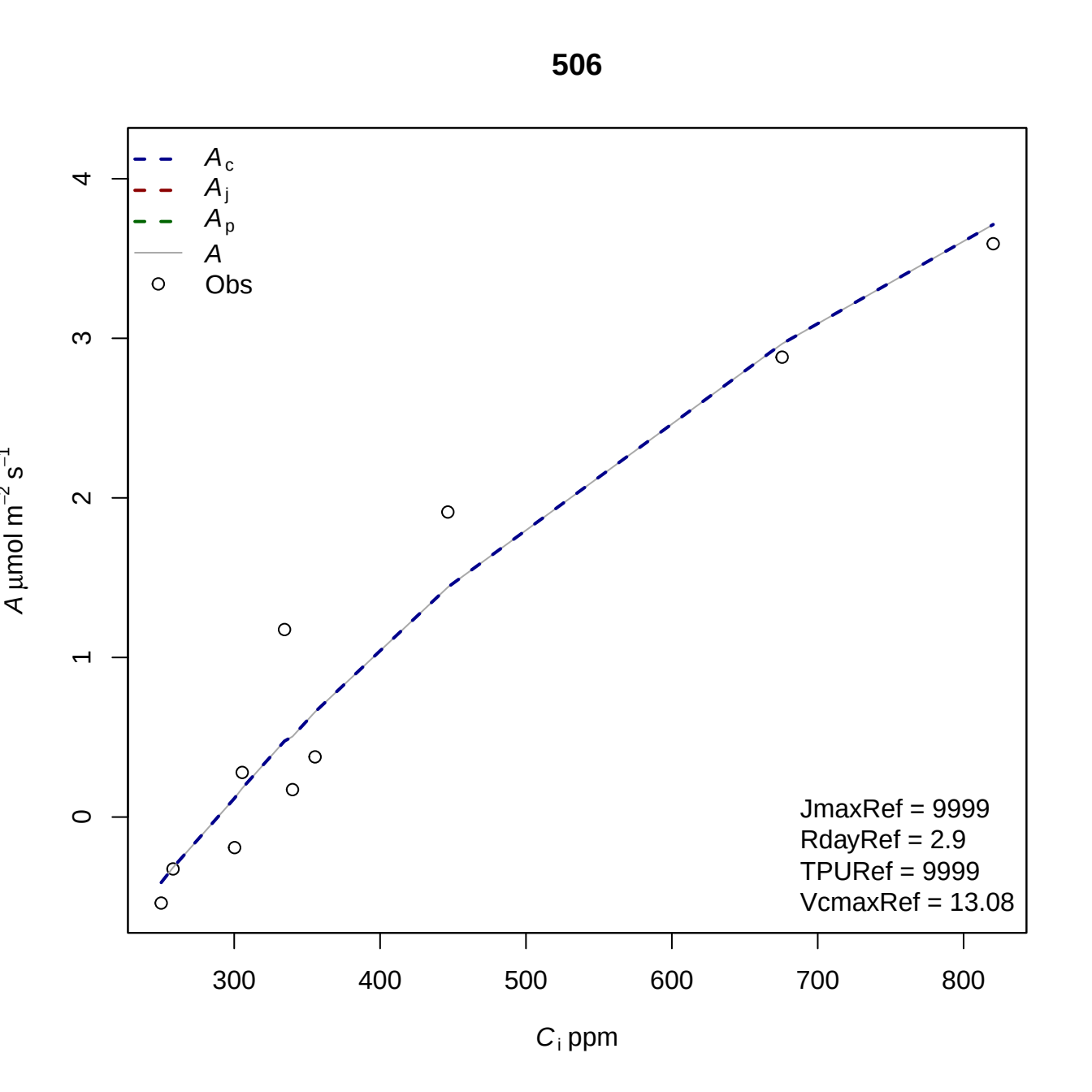

500
A_c
A_j
A_p
A
Obs
JmaxRef = 117.55
RdayRef = 0.84
TPURef = 7.08
VcmaxRef = 66.71
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800

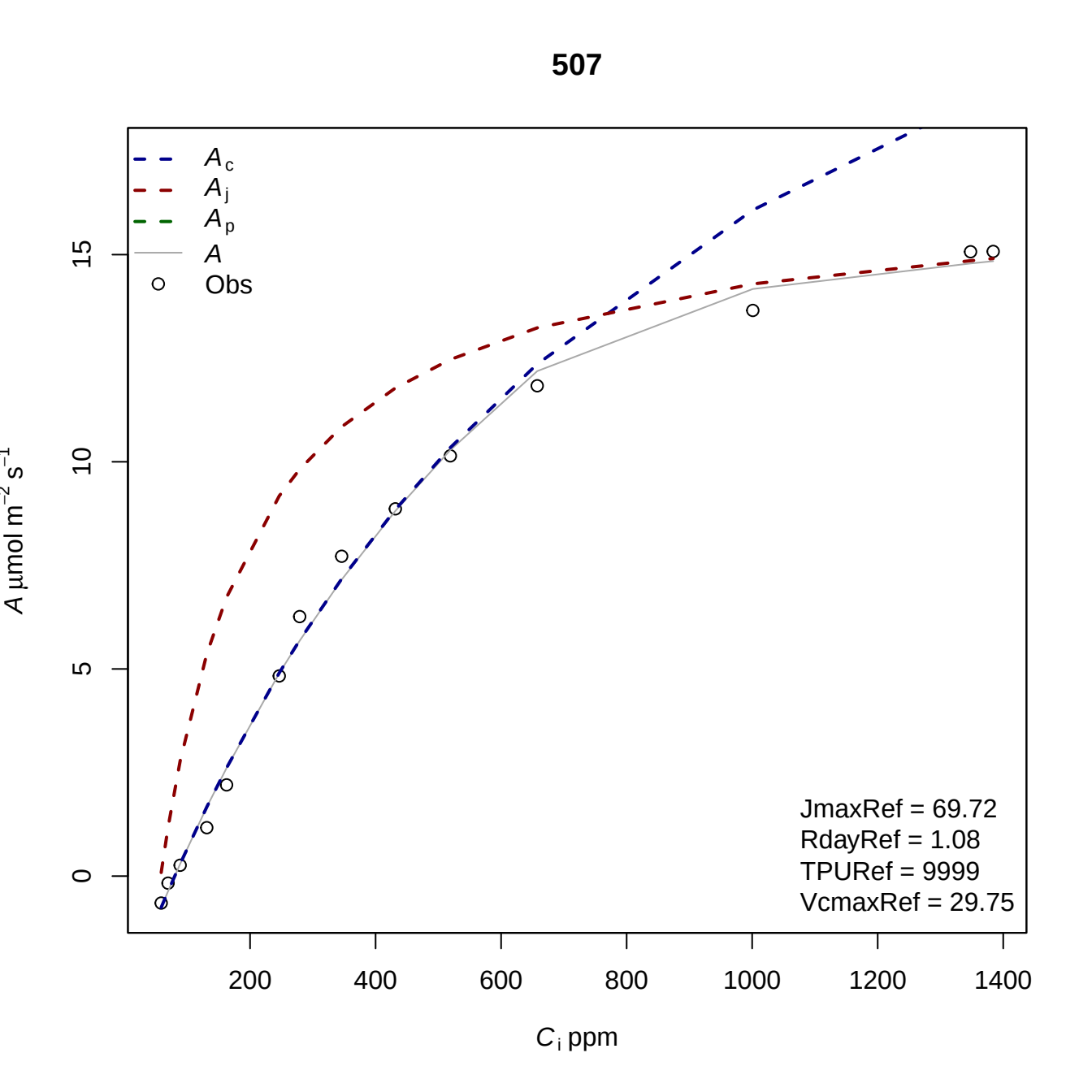

501
A_c
A_j
A_p
A
Obs
JmaxRef = 108.83
RdayRef = 0.82
TPURef = 6.45
VcmaxRef = 64.53
A µmol m^{-2} s^{-1}
0
5
10
15
20
0
500
1000
1500
C_i ppm

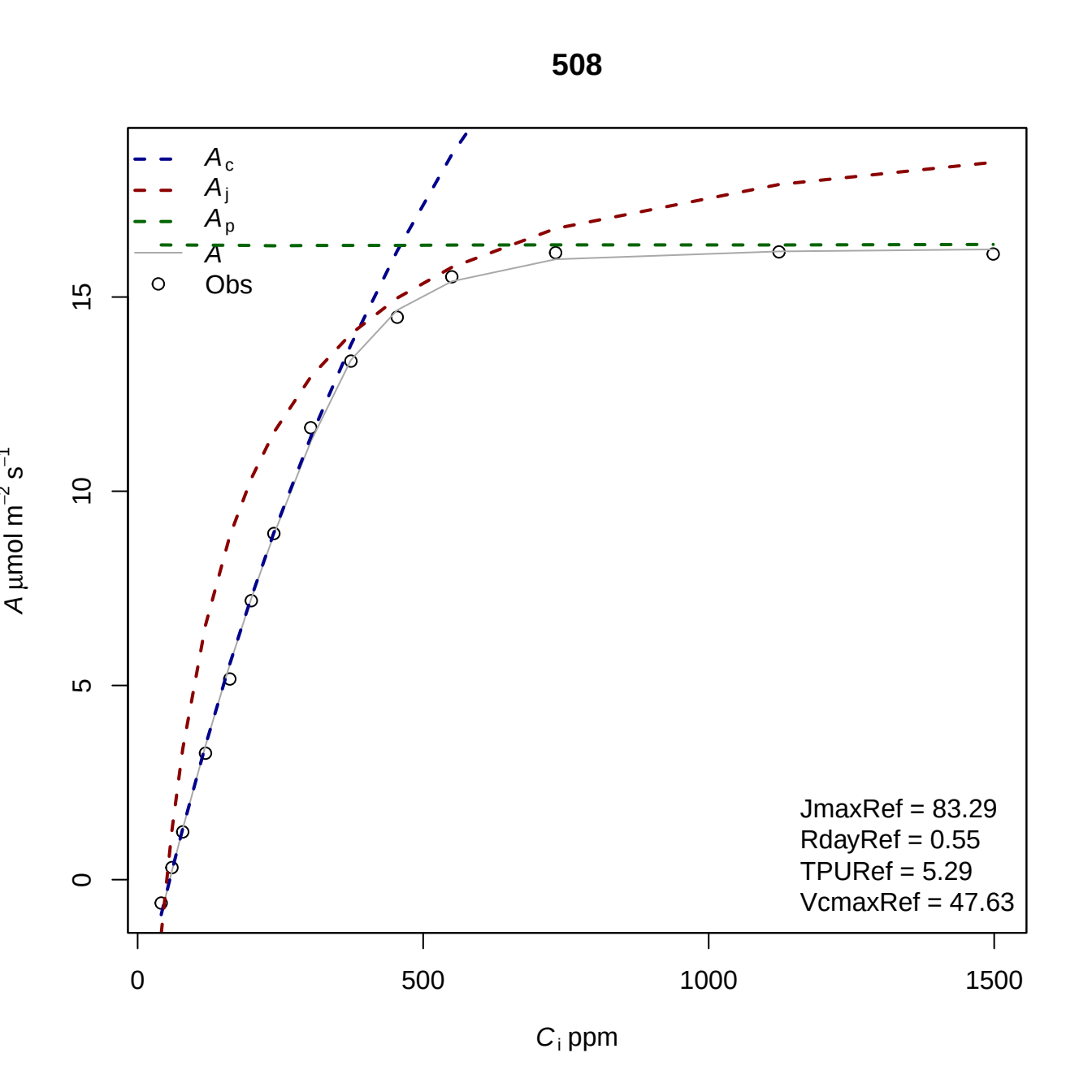

502
A_c
A_j
A_p
A
Obs
JmaxRef = 81.8
RdayRef = −3.39
TPURef = 9999
VcmaxRef = 82.83
A µmol m^{-2} s^{-1}
C_i ppm
0
200
400
600
800
1000
1200
1400
5
10
15
20
25

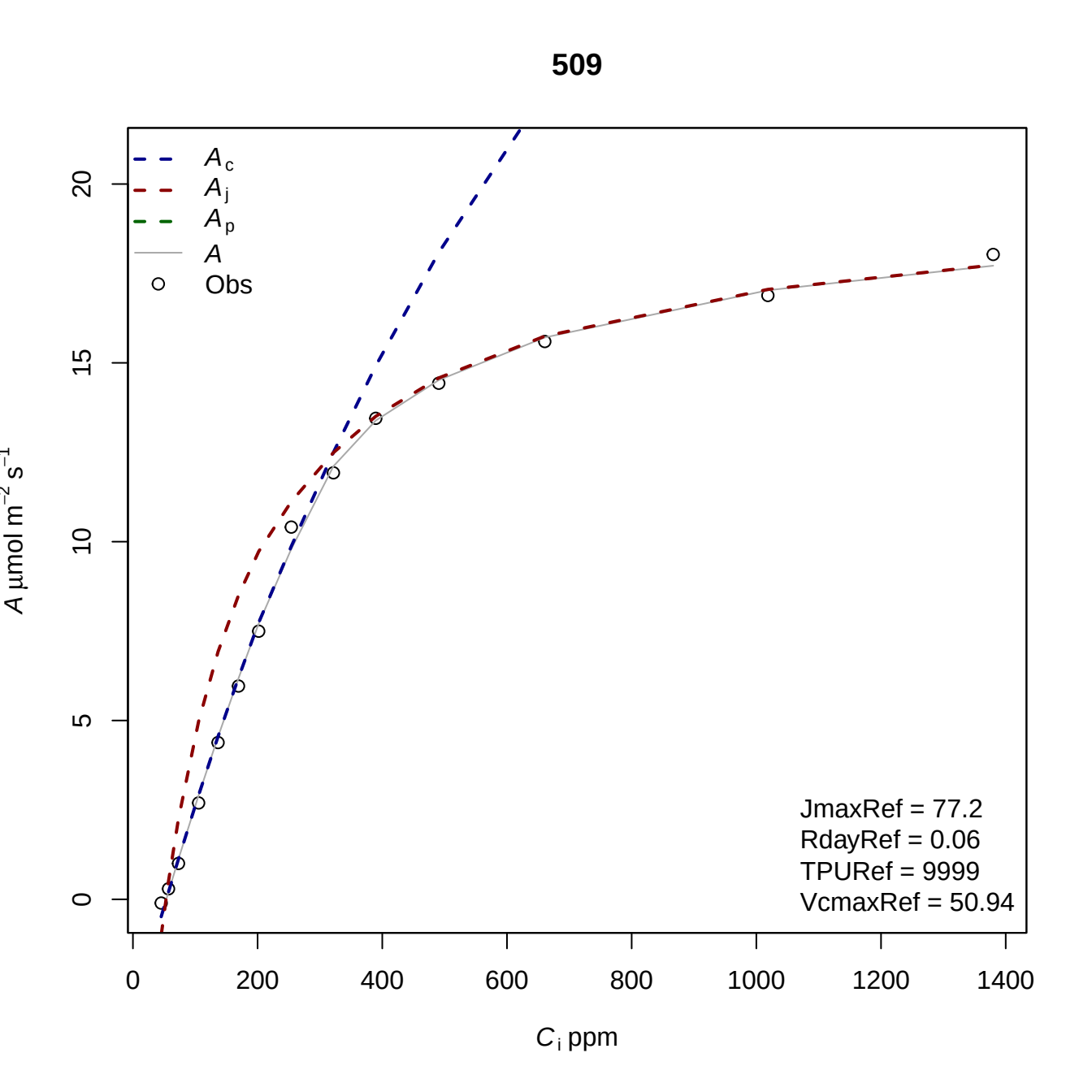

503
A_c
A_j
A_p
A
Obs
JmaxRef = 129.24
RdayRef = 1.42
TPURef = 7.77
VcmaxRef = 67.9
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

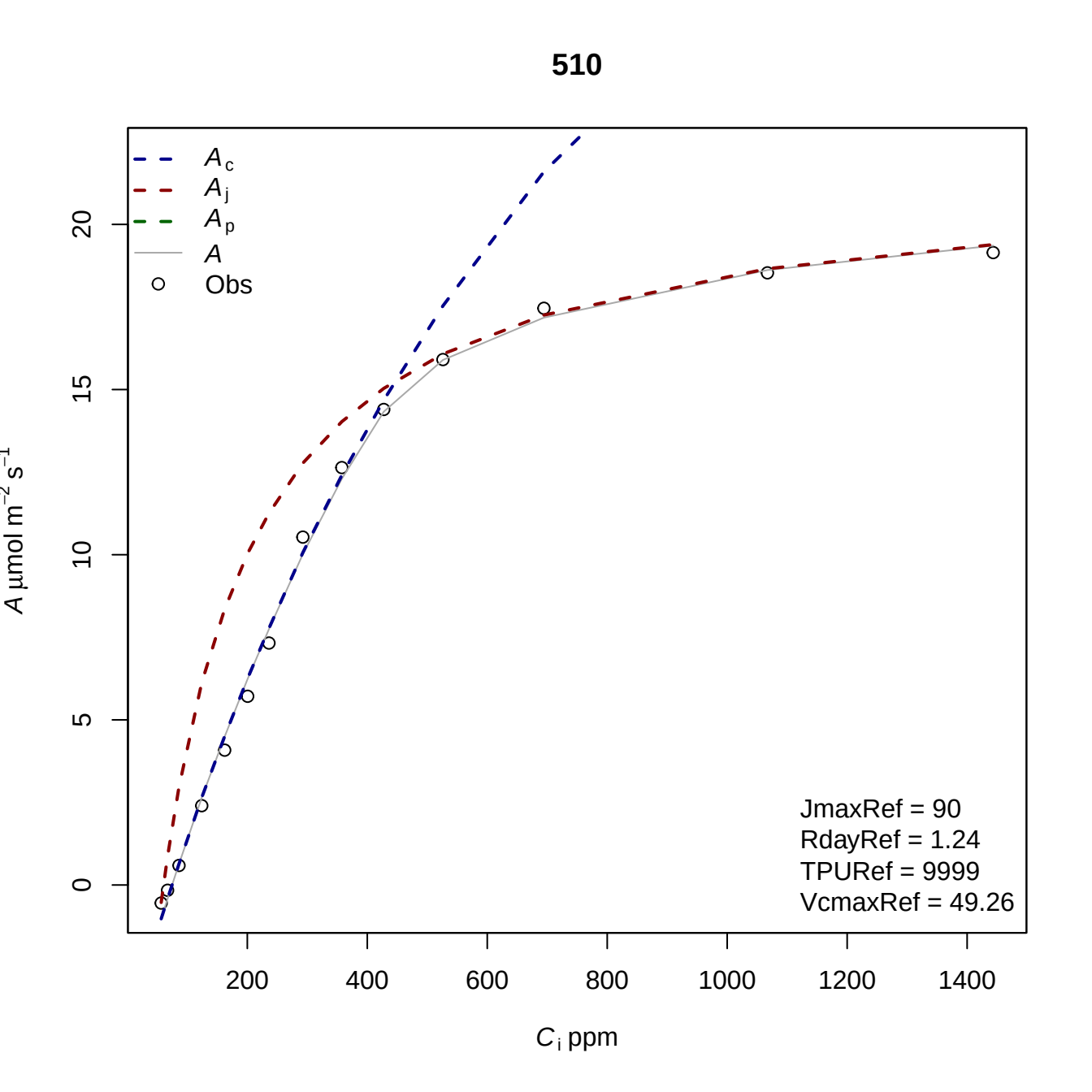

504
A_c
A_j
A_p
A
Obs
JmaxRef = 95.87
RdayRef = 0.88
TPURef = 9999
VcmaxRef = 54.85
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

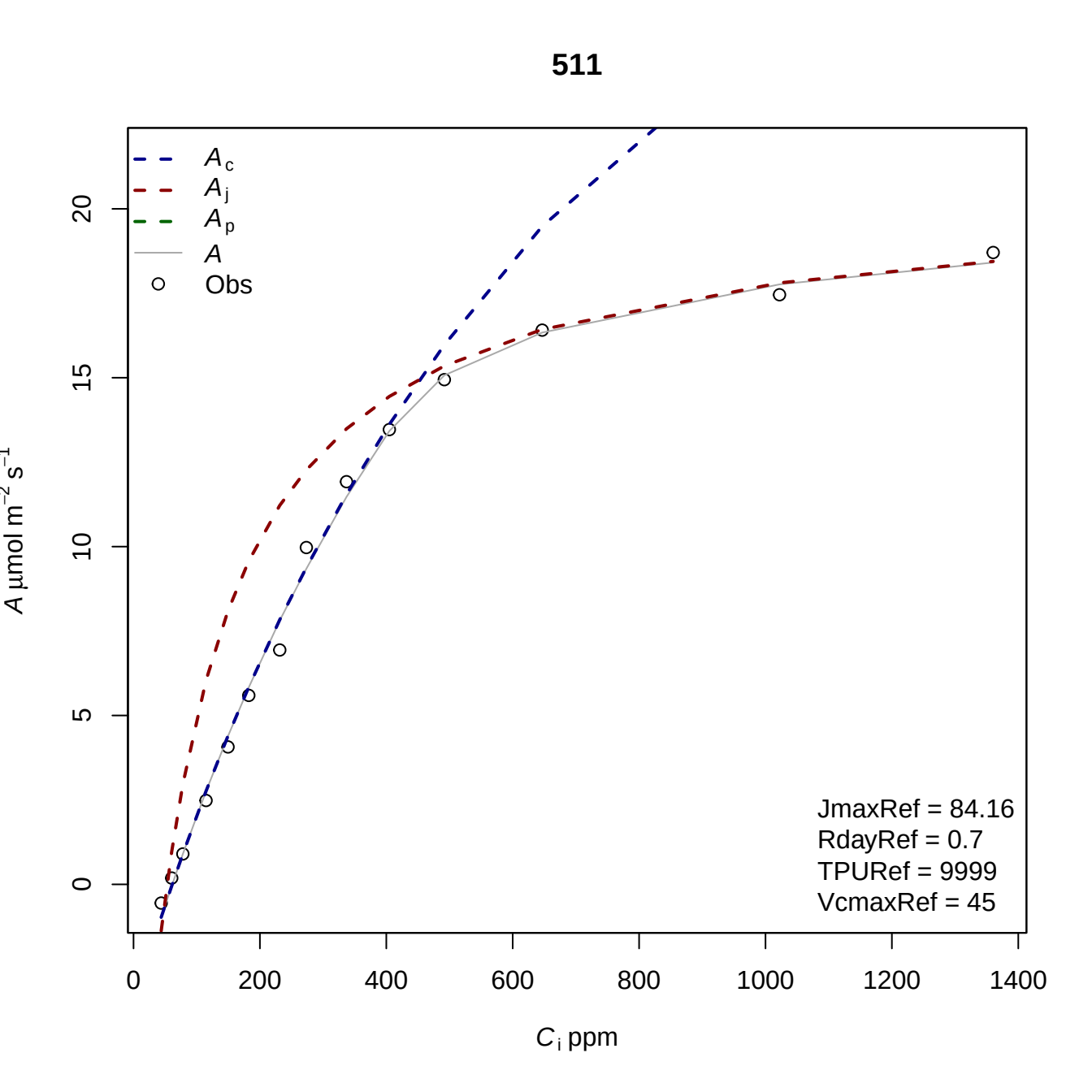

506
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 2.9
TPURef = 9999
VcmaxRef = 13.08
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
300
400
500
600
700
800

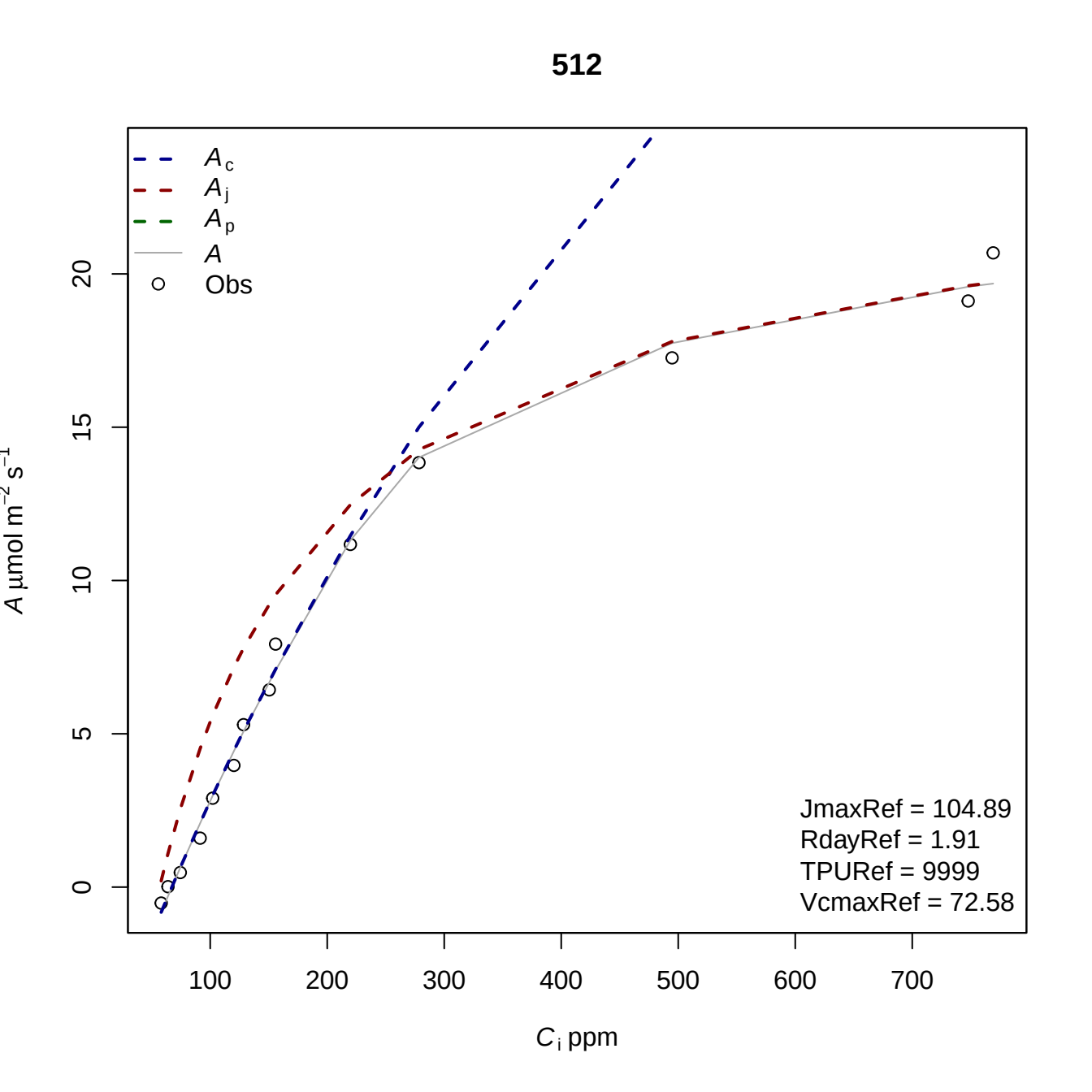

507
A_c
A_j
A_p
A
Obs
JmaxRef = 69.72
RdayRef = 1.08
TPURef = 9999
VcmaxRef = 29.75
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200
1400

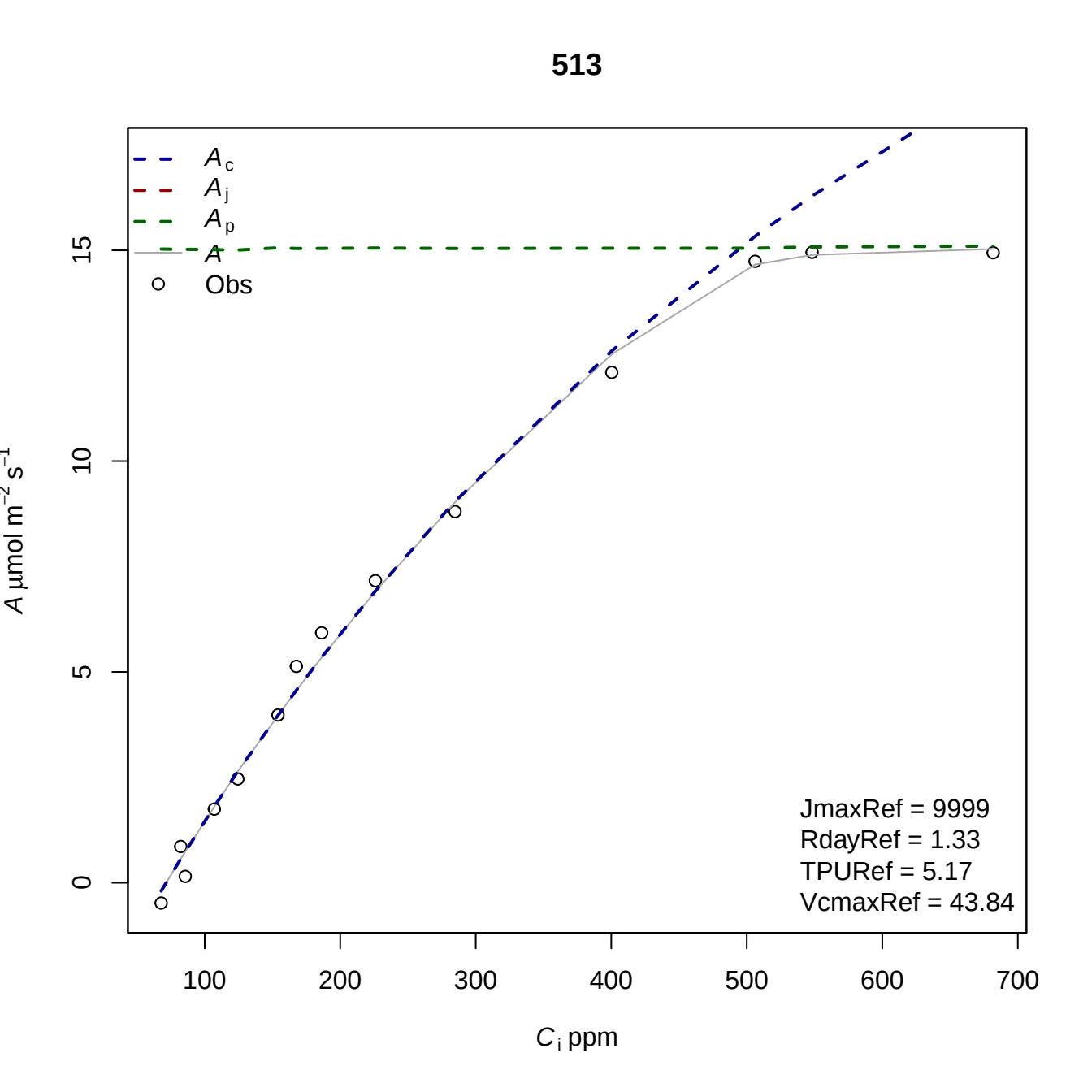

508
A_c
A_j
A_p
A
Obs
JmaxRef = 83.29
RdayRef = 0.55
TPURef = 5.29
VcmaxRef = 47.63
A µmol m^{-2} s^{-1}
0
5
10
15
0
500
1000
1500
C_i ppm

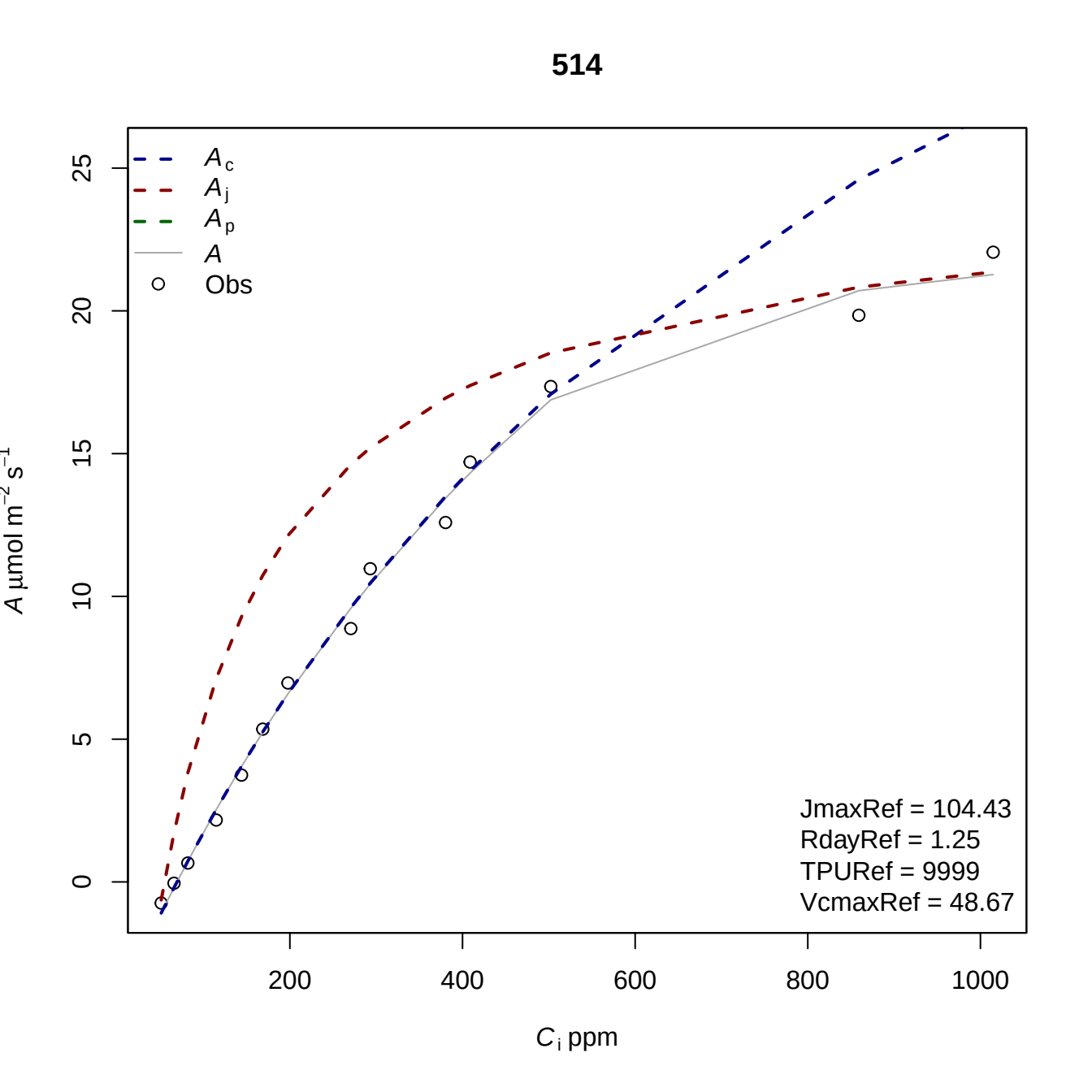

509
A_c
A_j
A_p
A
Obs
JmaxRef = 77.2
RdayRef = 0.06
TPURef = 9999
VcmaxRef = 50.94
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

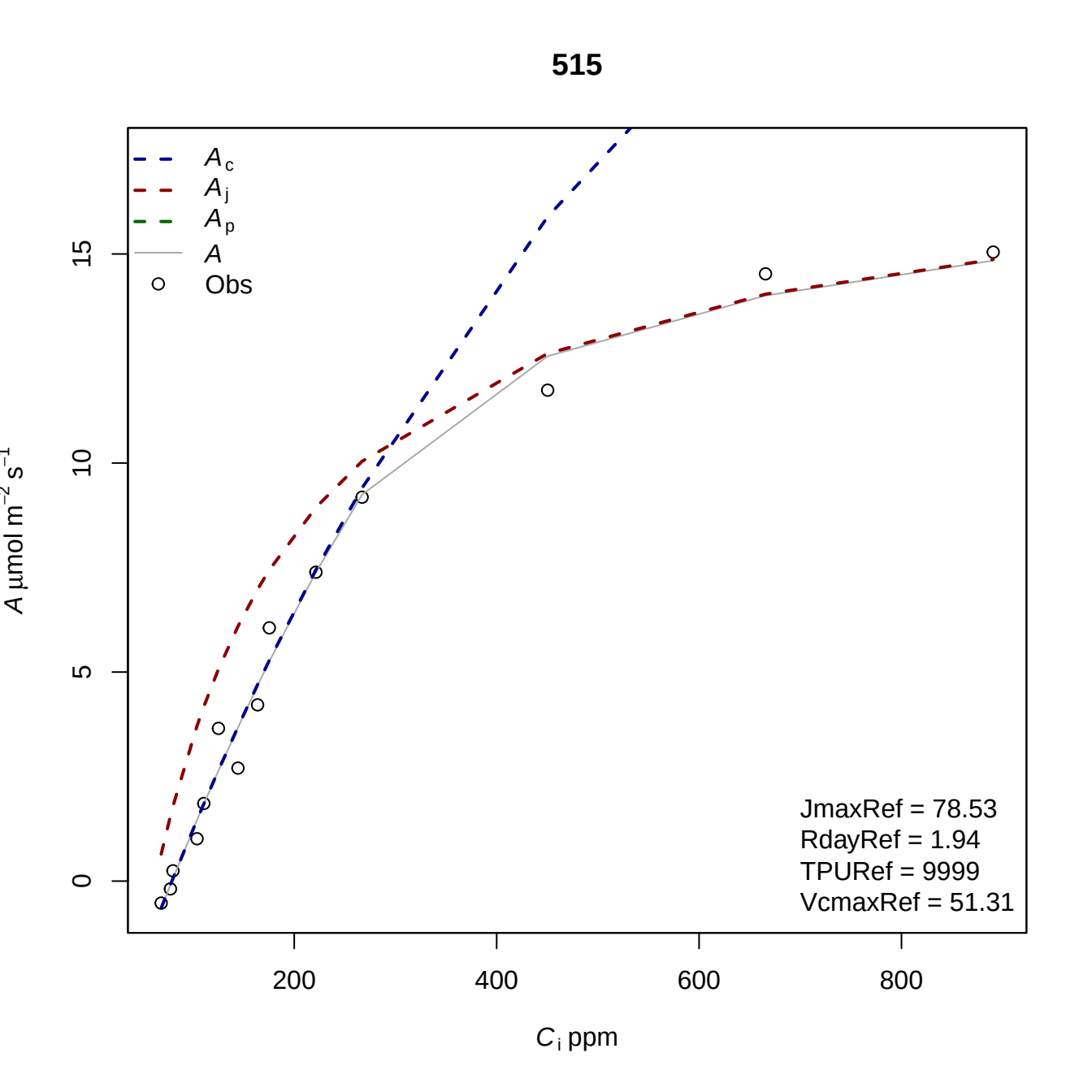

510
A_c
A_j
A_p
A
Obs
JmaxRef = 90
RdayRef = 1.24
TPURef = 9999
VcmaxRef = 49.26
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200
1400

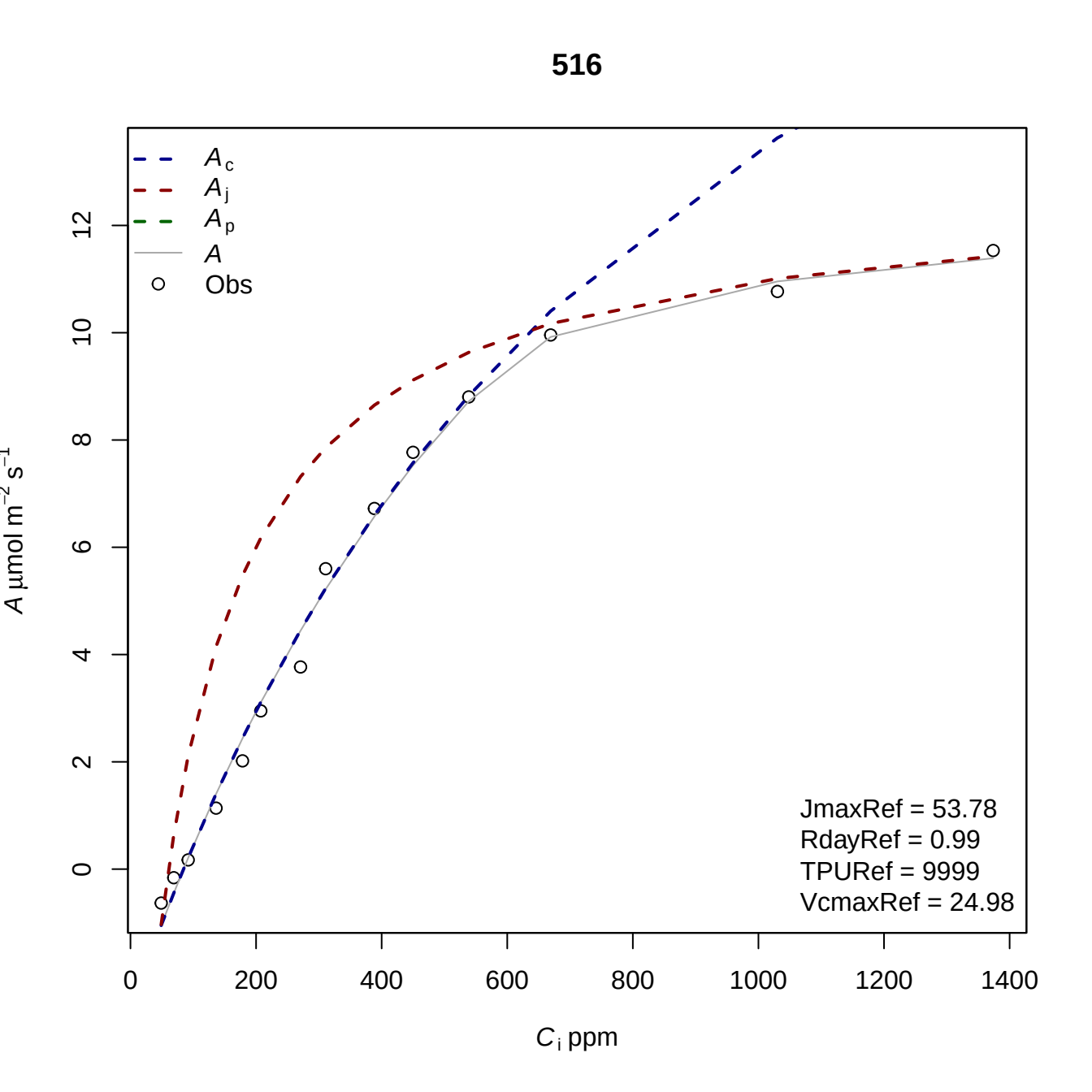

511
A_c
A_j
A_p
A
Obs
JmaxRef = 84.16
RdayRef = 0.7
TPURef = 9999
VcmaxRef = 45
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

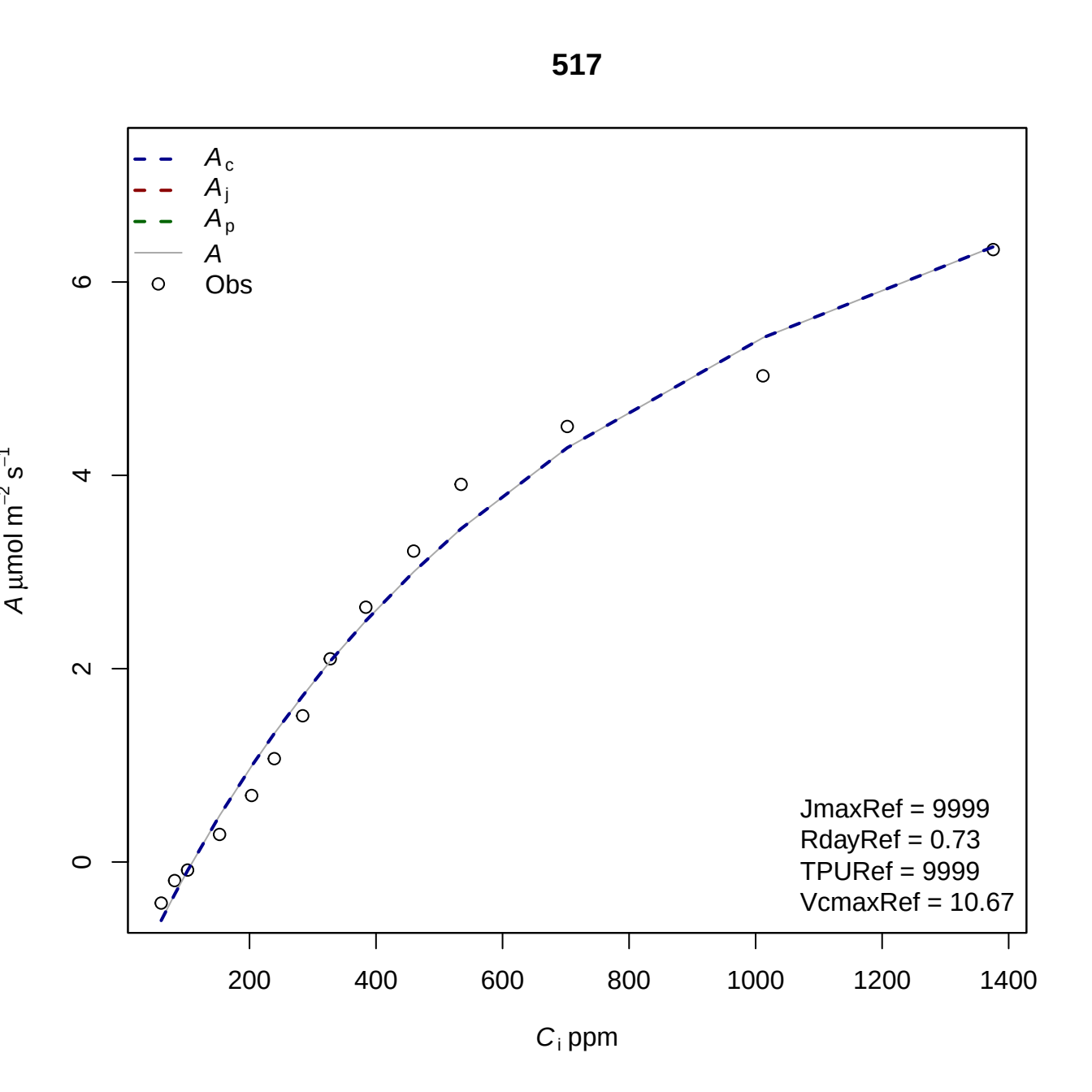

512
A_c
A_j
A_p
A
Obs
JmaxRef = 104.89
RdayRef = 1.91
TPURef = 9999
VcmaxRef = 72.58
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
100
200
300
400
500
600
700

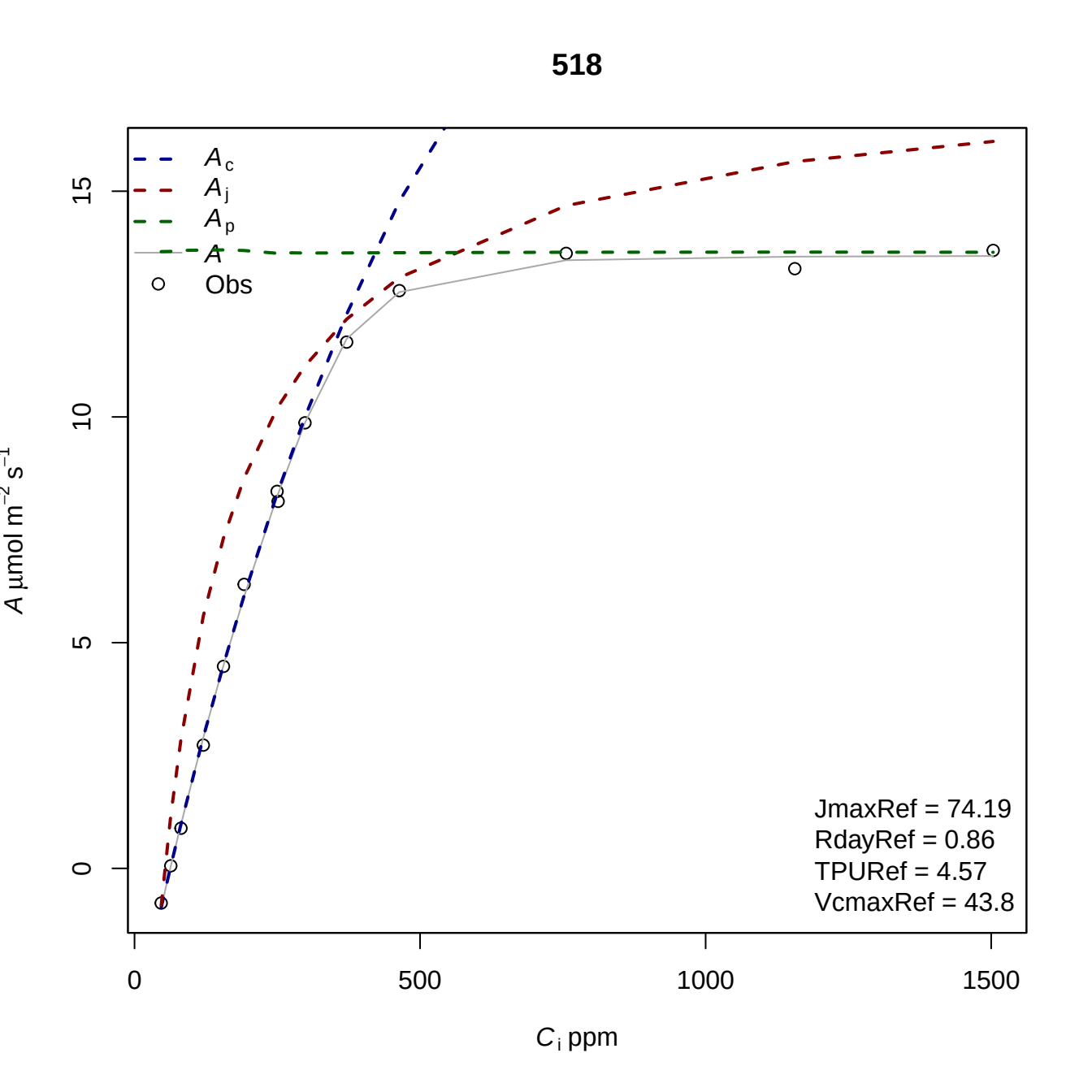

513
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.33
TPURef = 5.17
VcmaxRef = 43.84
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
100
200
300
400
500
600
700

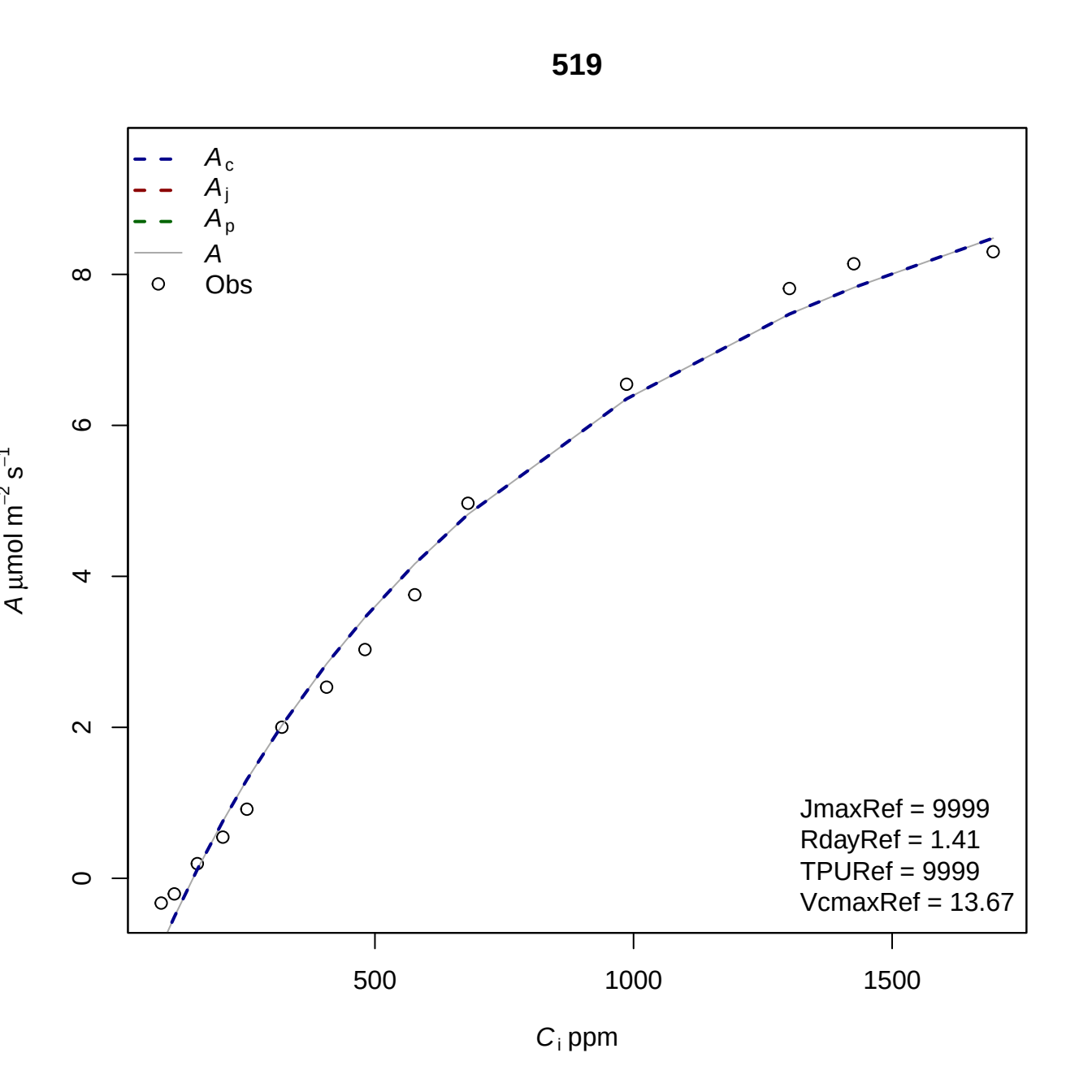

514
A_c
A_j
A_p
A
Obs
JmaxRef = 104.43
RdayRef = 1.25
TPURef = 9999
VcmaxRef = 48.67
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000

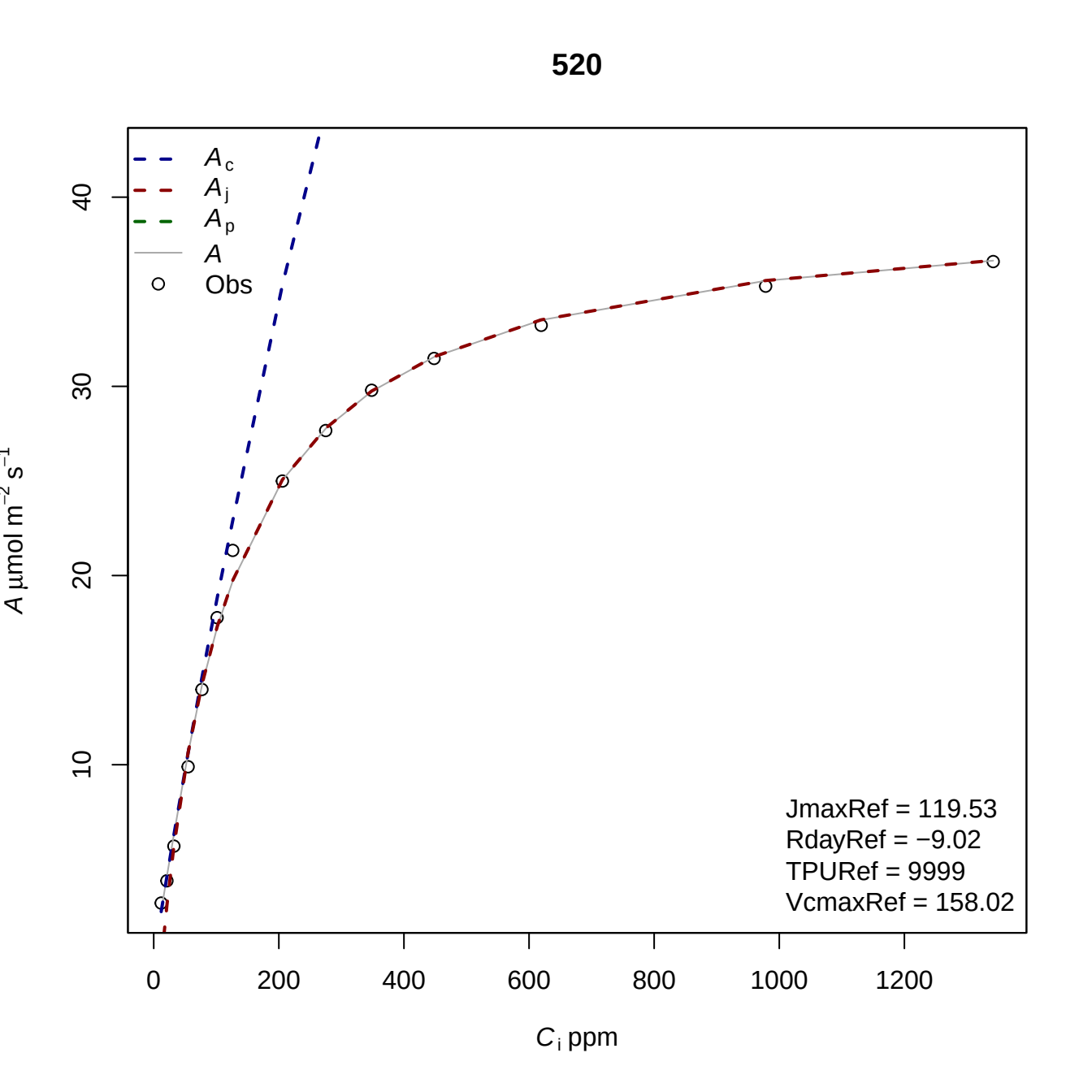

515
A_c
A_j
A_p
A
Obs
JmaxRef = 78.53
RdayRef = 1.94
TPURef = 9999
VcmaxRef = 51.31
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800

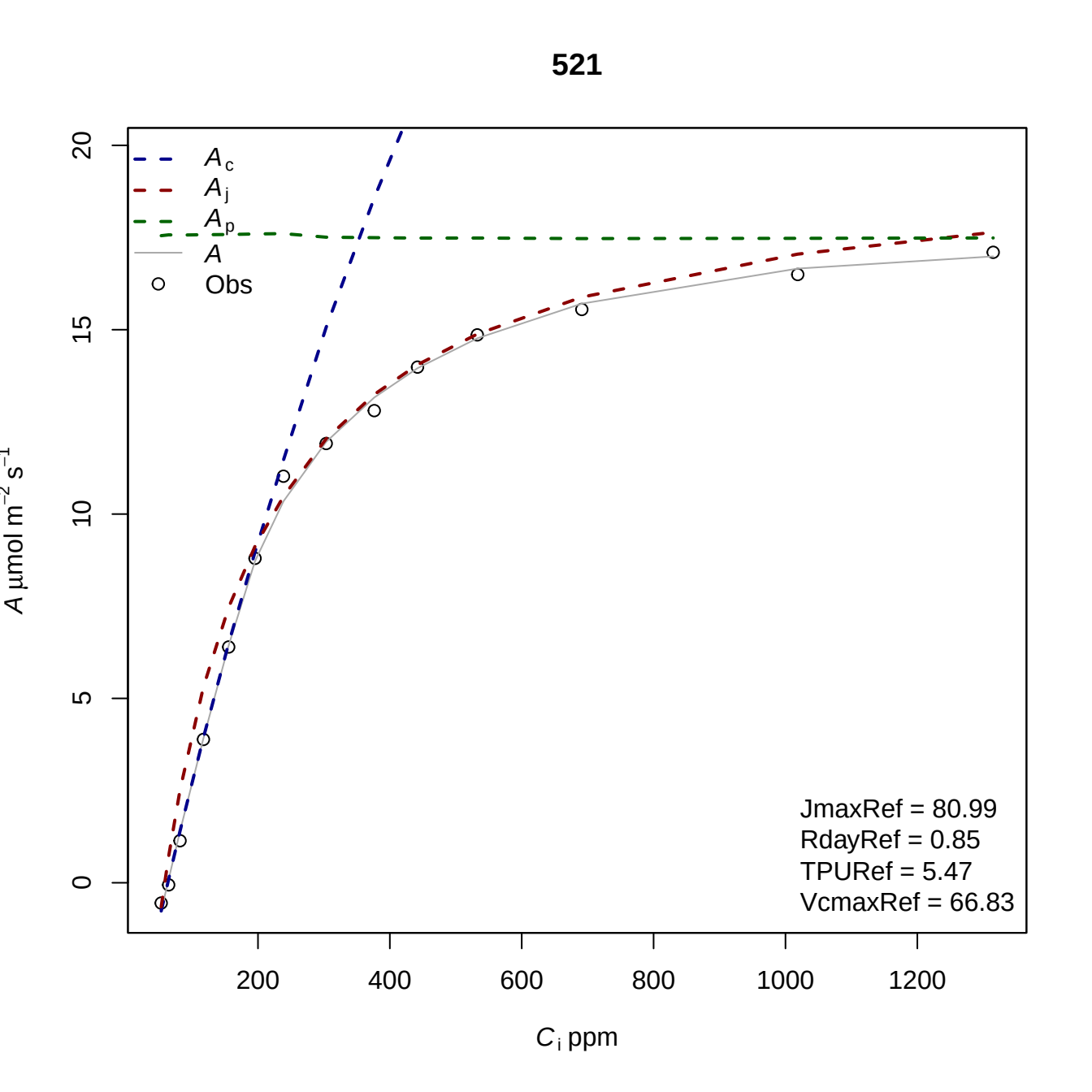

516
A_c
A_j
A_p
A
Obs
JmaxRef = 53.78
RdayRef = 0.99
TPURef = 9999
VcmaxRef = 24.98
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
0
200
400
600
800
1000
1200
1400

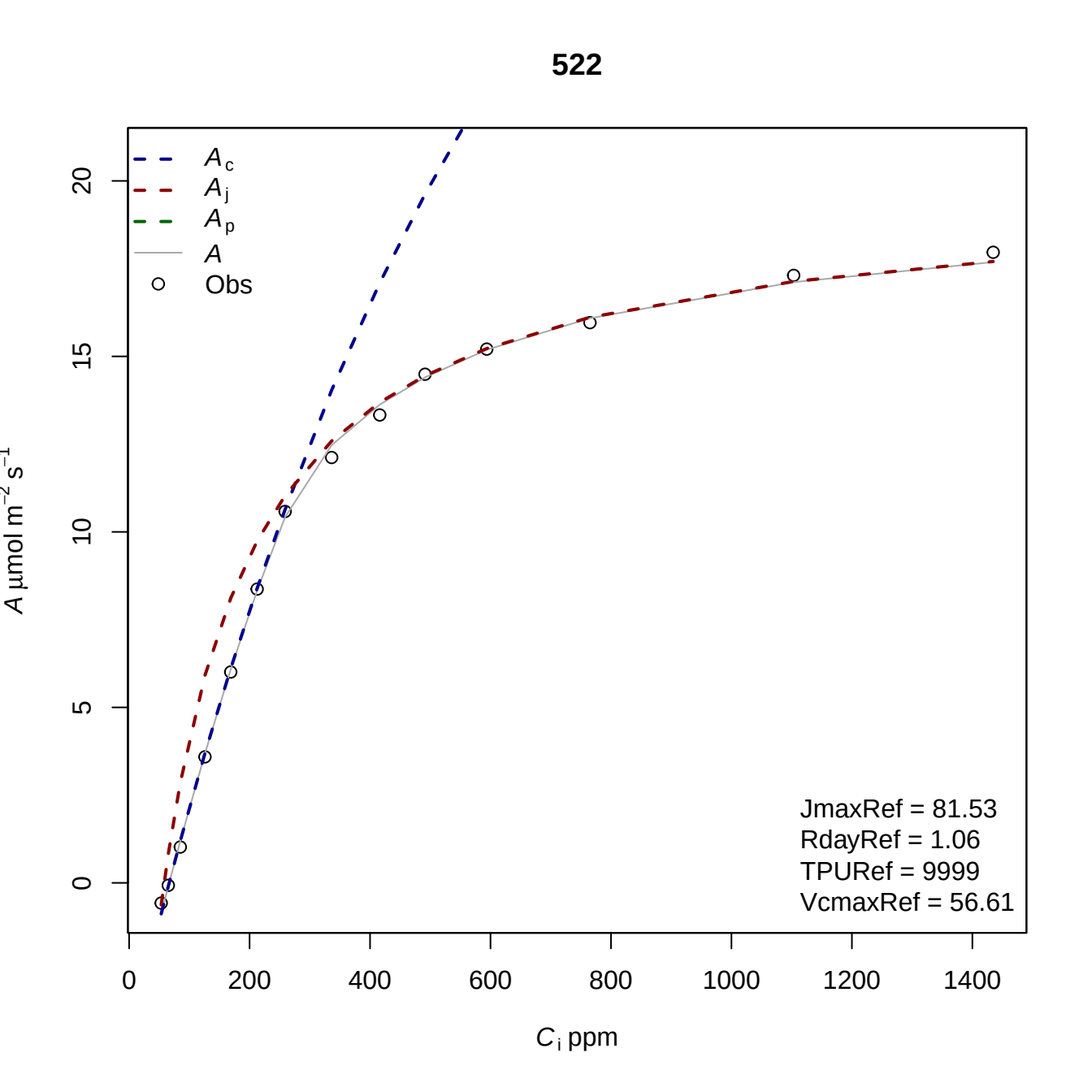

517
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.73
TPURef = 9999
VcmaxRef = 10.67
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
200
400
600
800
1000
1200
1400

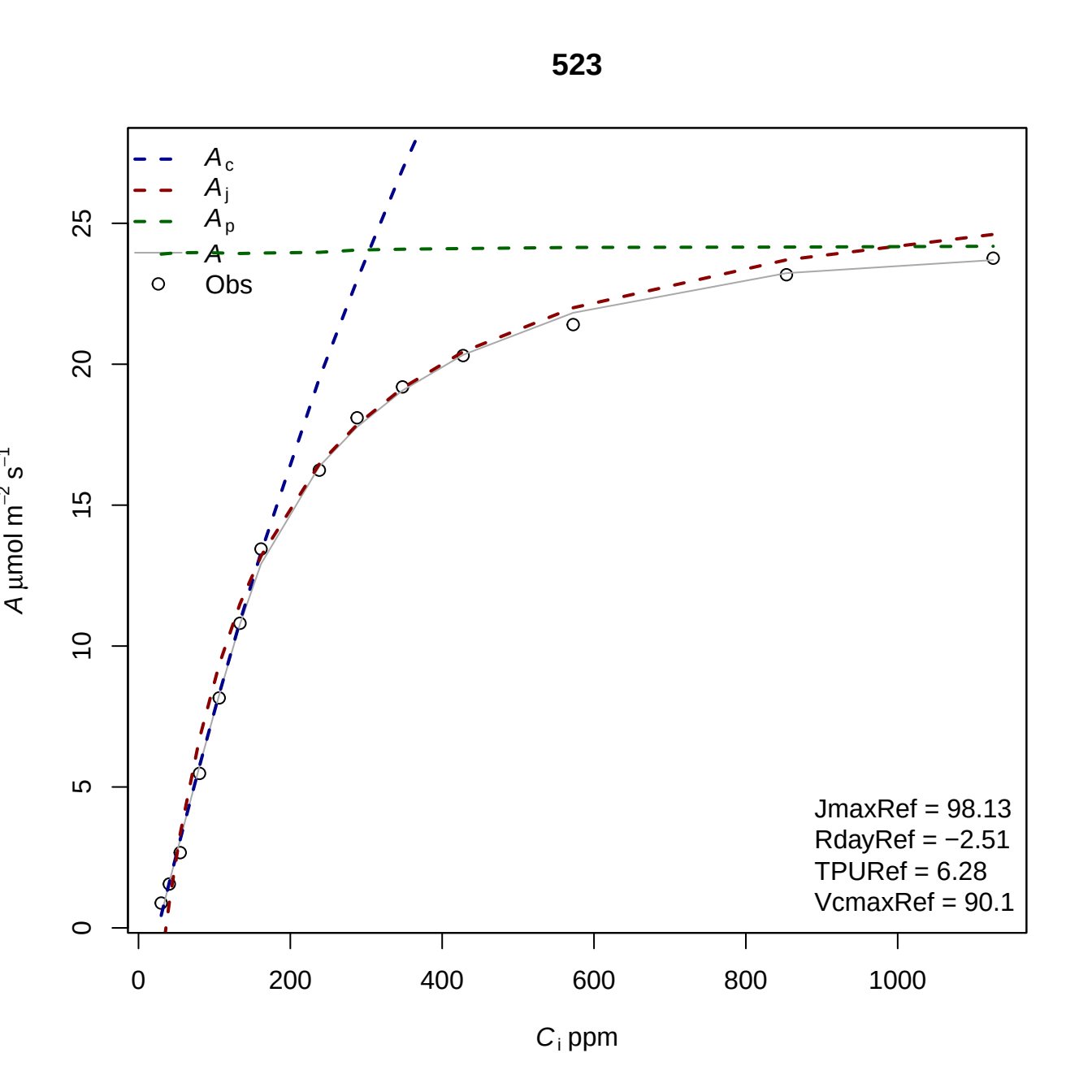

518
A_c
A_j
A_p
A
Obs
JmaxRef = 74.19
RdayRef = 0.86
TPURef = 4.57
VcmaxRef = 43.8
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

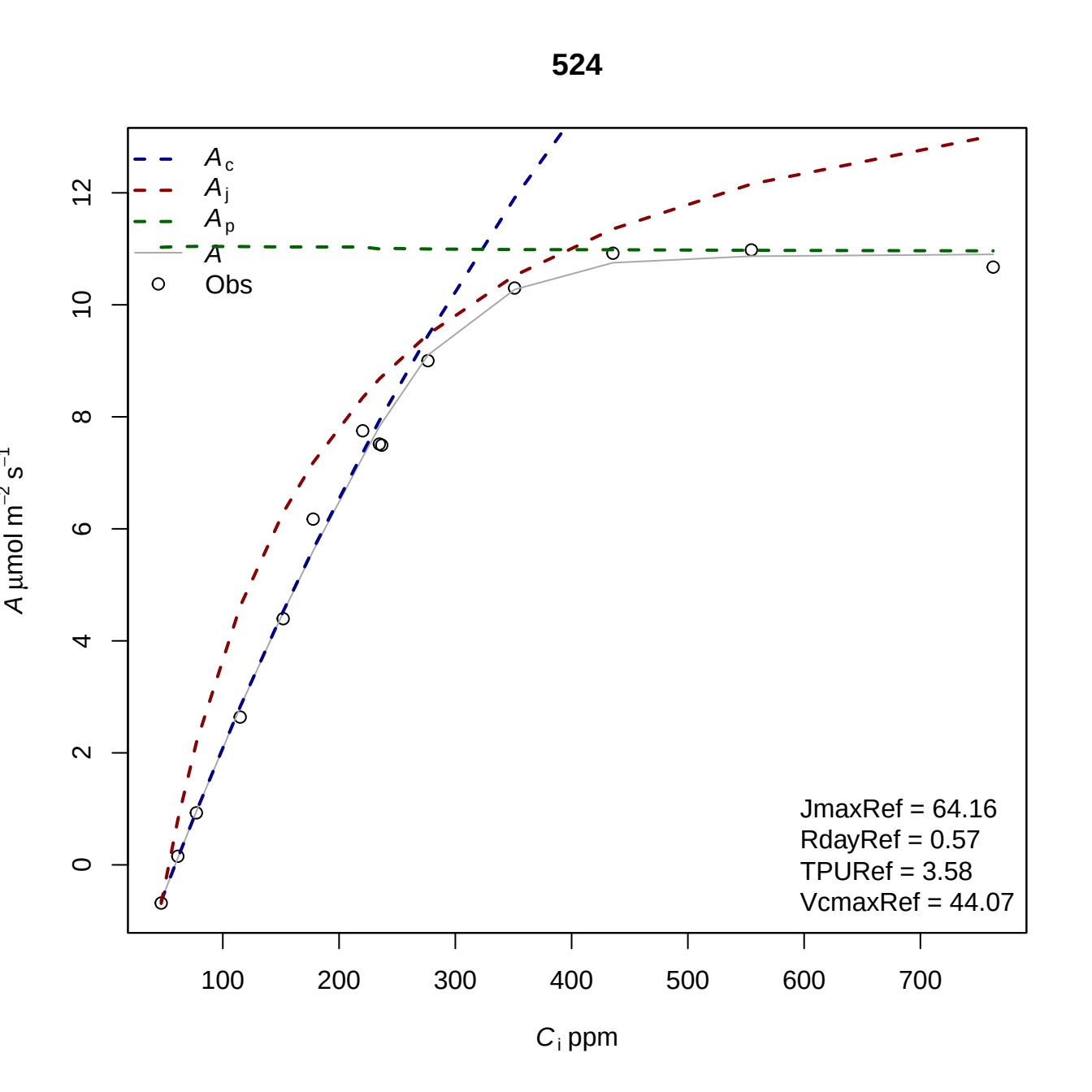

519
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.41
TPURef = 9999
VcmaxRef = 13.67
A µmol m^{-2} s^{-1}
0
2
4
6
8
500
1000
1500
C_i ppm

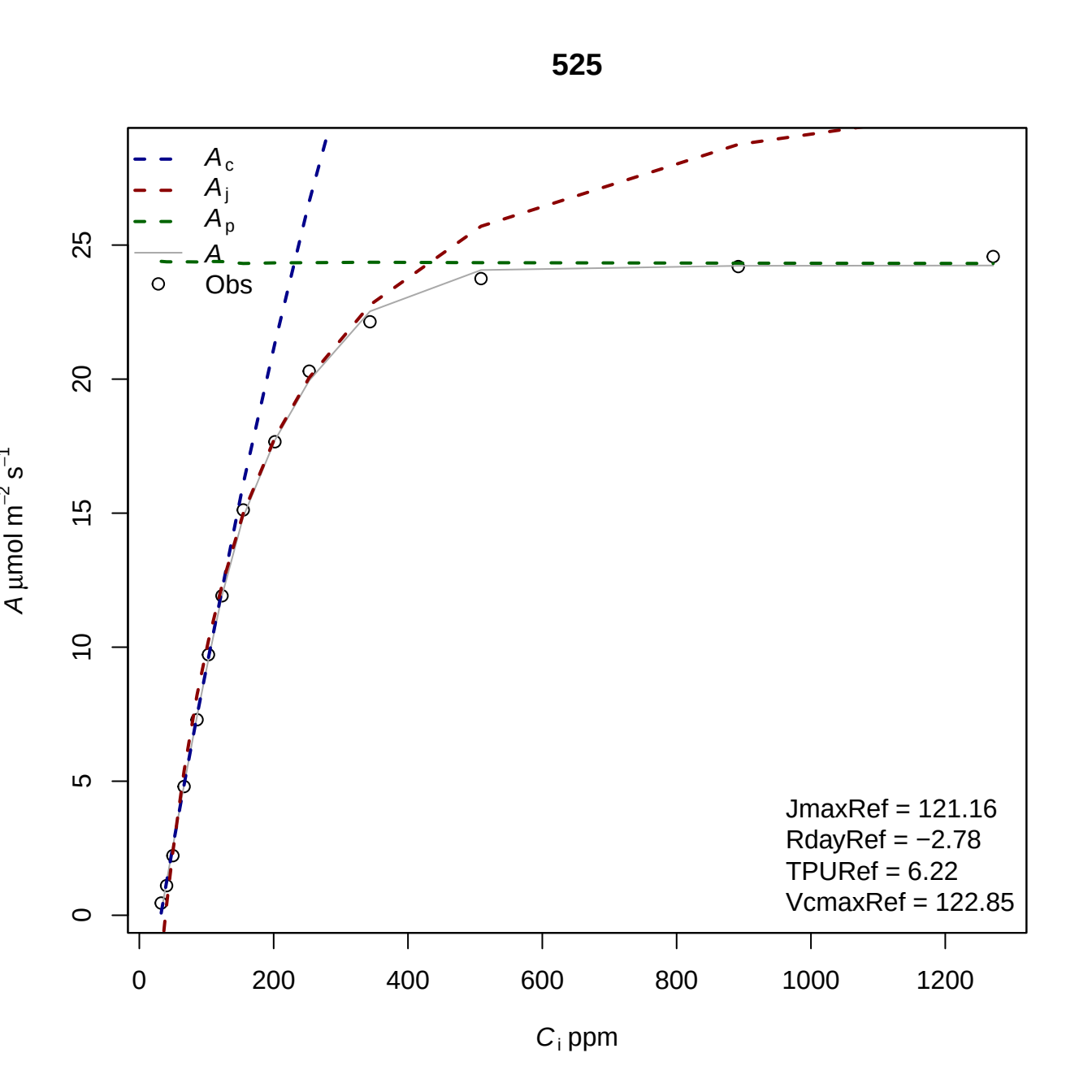

520
A_c
A_j
A_p
A
Obs
JmaxRef = 119.53
RdayRef = −9.02
TPURef = 9999
VcmaxRef = 158.02
A µmol m^{-2} s^{-1}
C_i ppm
10
20
30
40
0
200
400
600
800
1000
1200

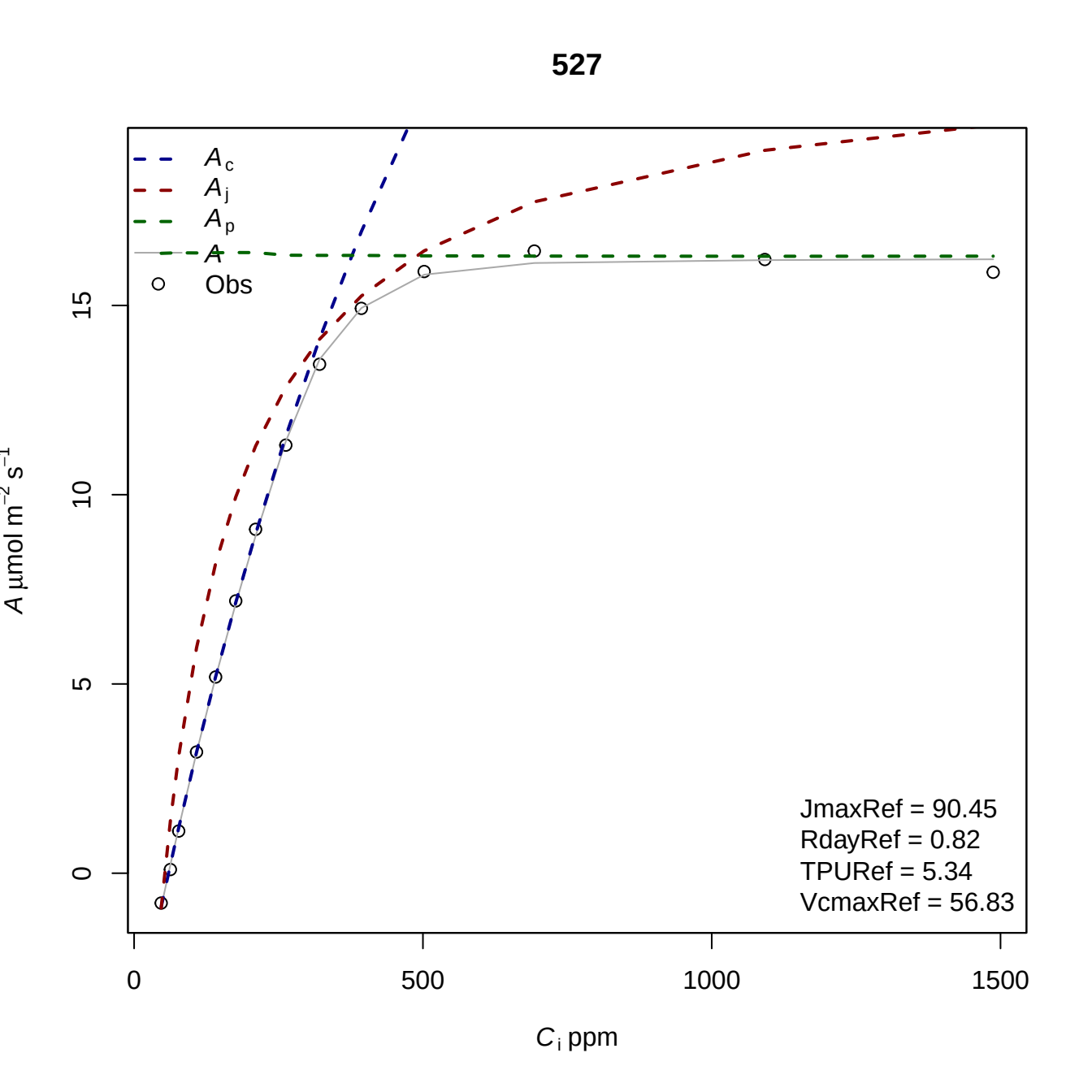

521
A_c
A_j
A_p
A
Obs
JmaxRef = 80.99
RdayRef = 0.85
TPURef = 5.47
VcmaxRef = 66.83
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

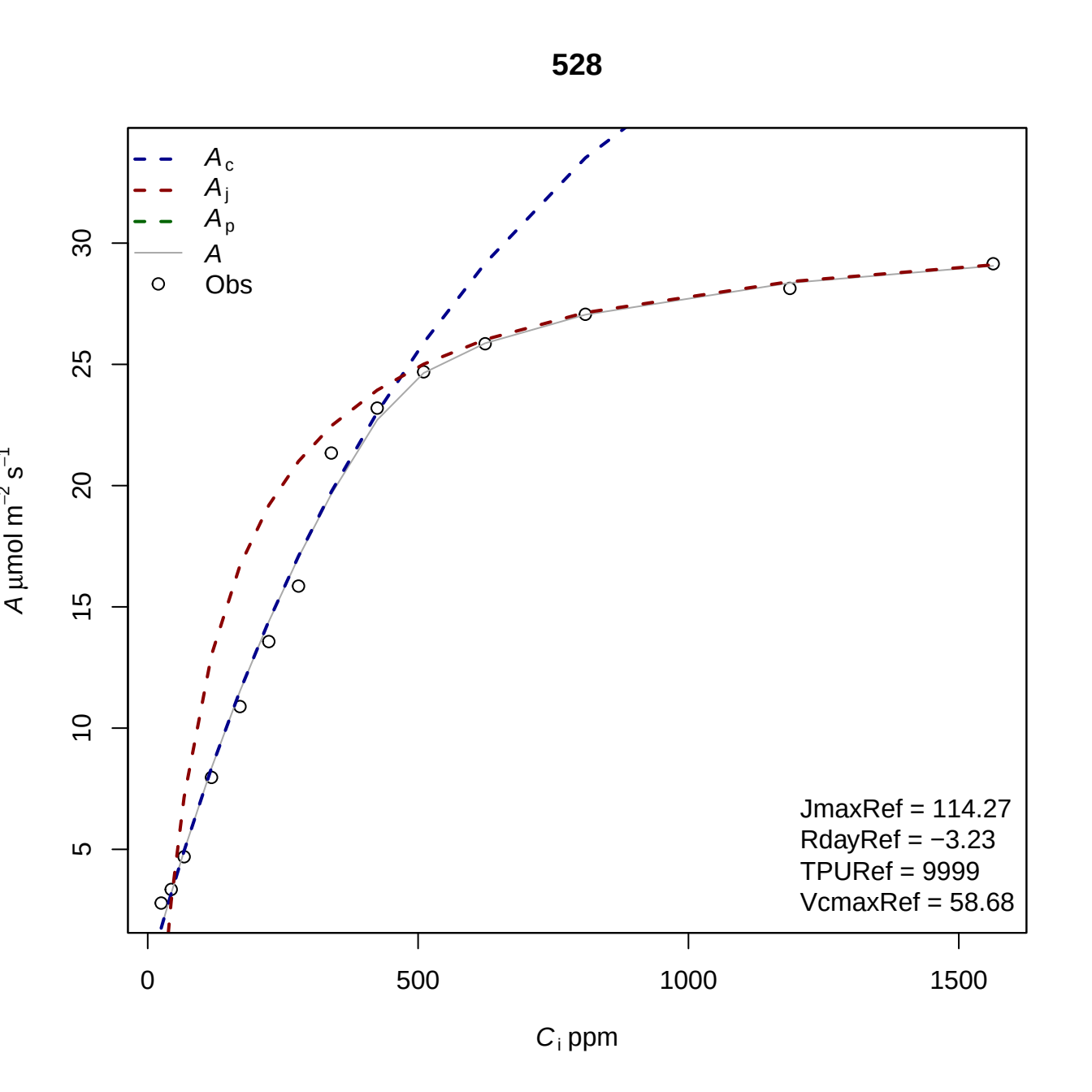

522
A_c
A_j
A_p
A
Obs
JmaxRef = 81.53
RdayRef = 1.06
TPURef = 9999
VcmaxRef = 56.61
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

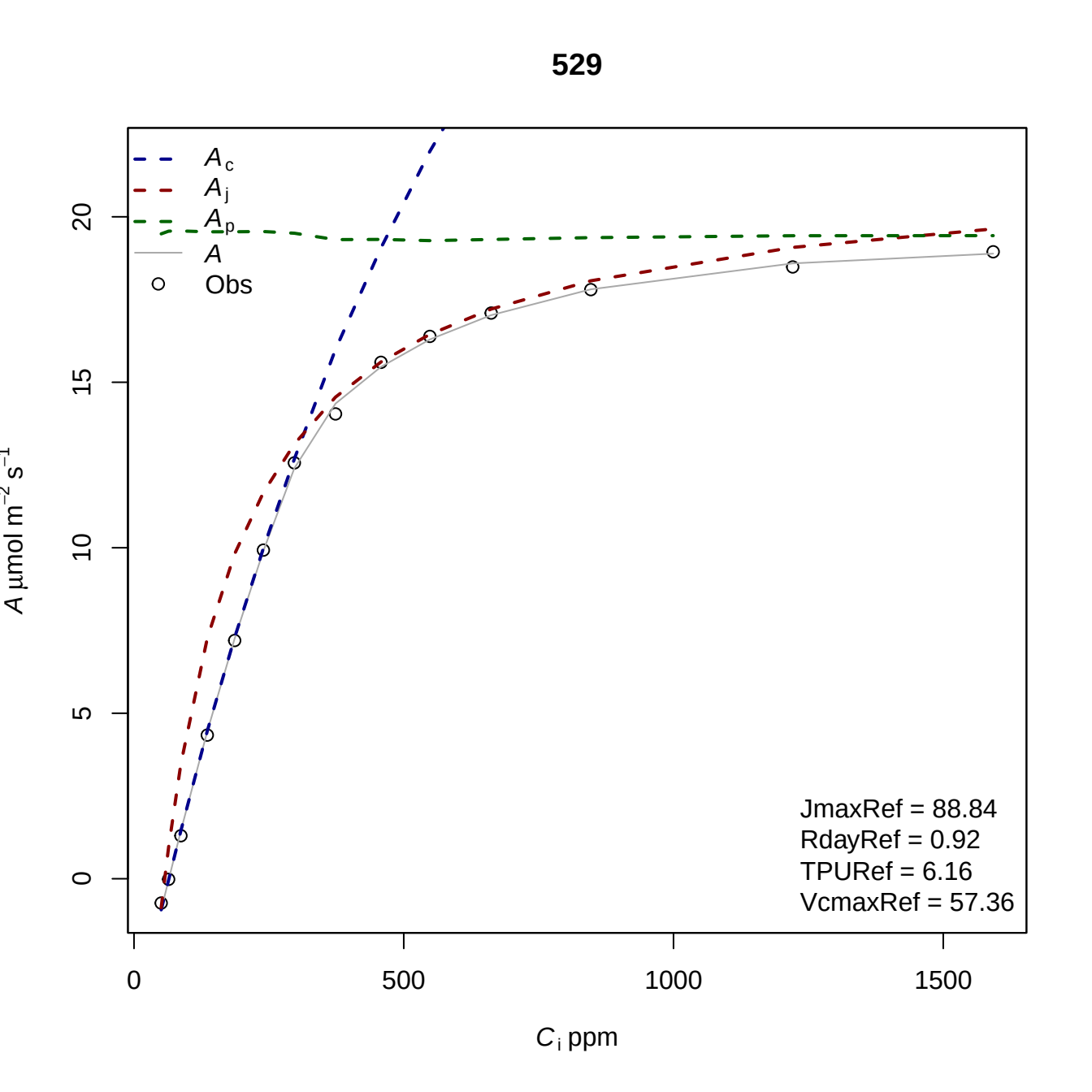

523
A_c
A_j
A_p
A
Obs
JmaxRef = 98.13
RdayRef = −2.51
TPURef = 6.28
VcmaxRef = 90.1
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000

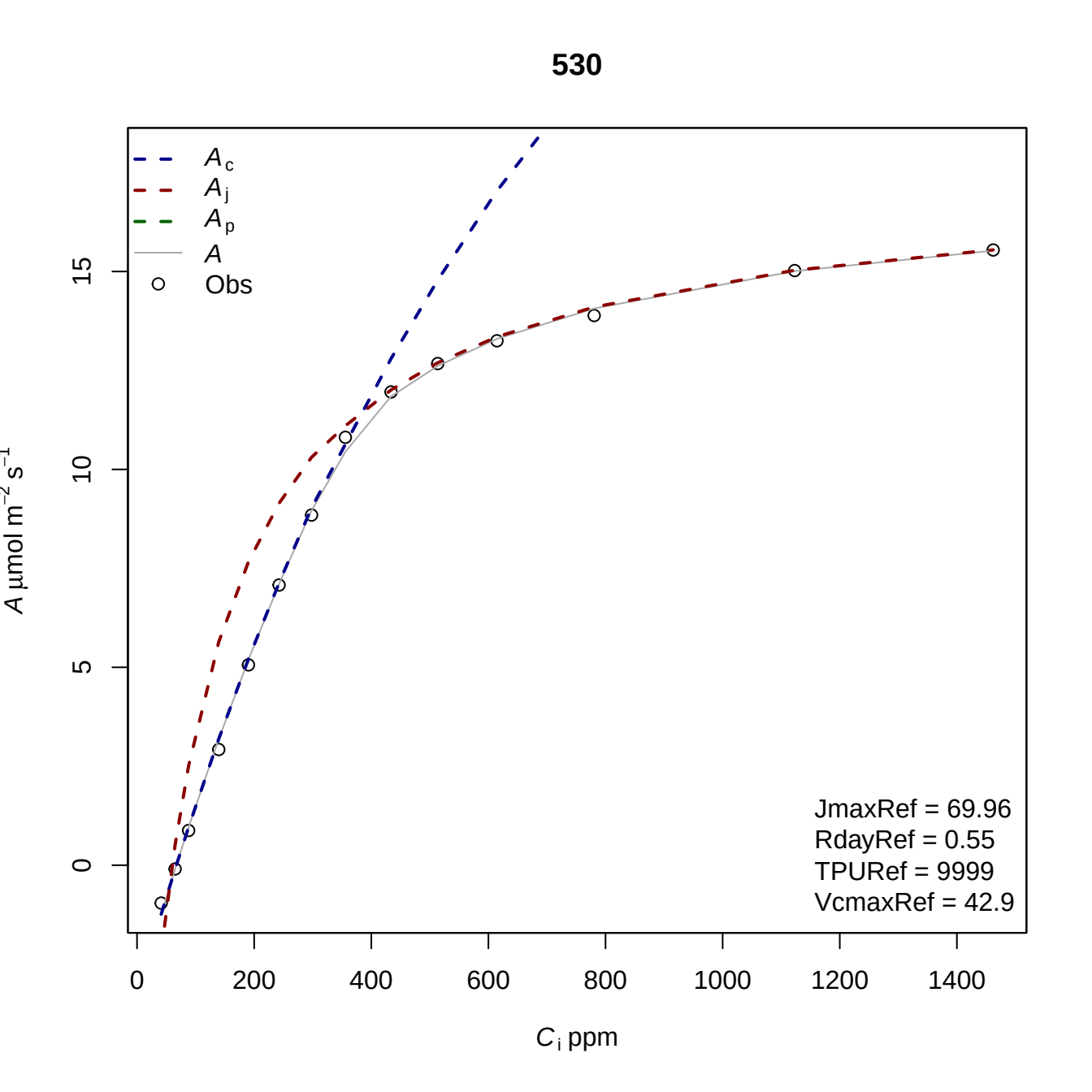

524
A_c
A_j
A_p
A
Obs
JmaxRef = 64.16
RdayRef = 0.57
TPURef = 3.58
VcmaxRef = 44.07
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
100
200
300
400
500
600
700

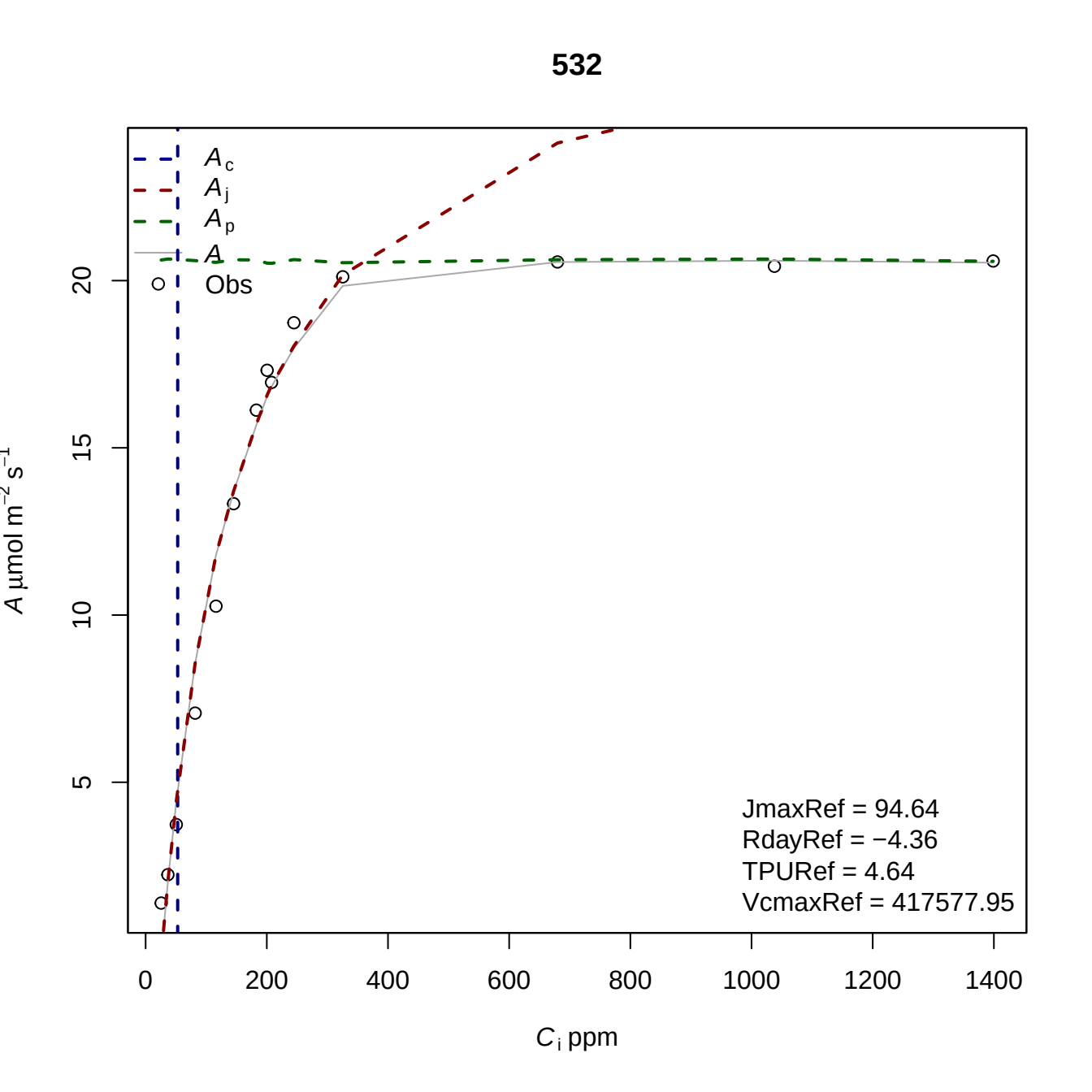

525
A_c
A_j
A_p
A
Obs
JmaxRef = 121.16
RdayRef = −2.78
TPURef = 6.22
VcmaxRef = 122.85
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

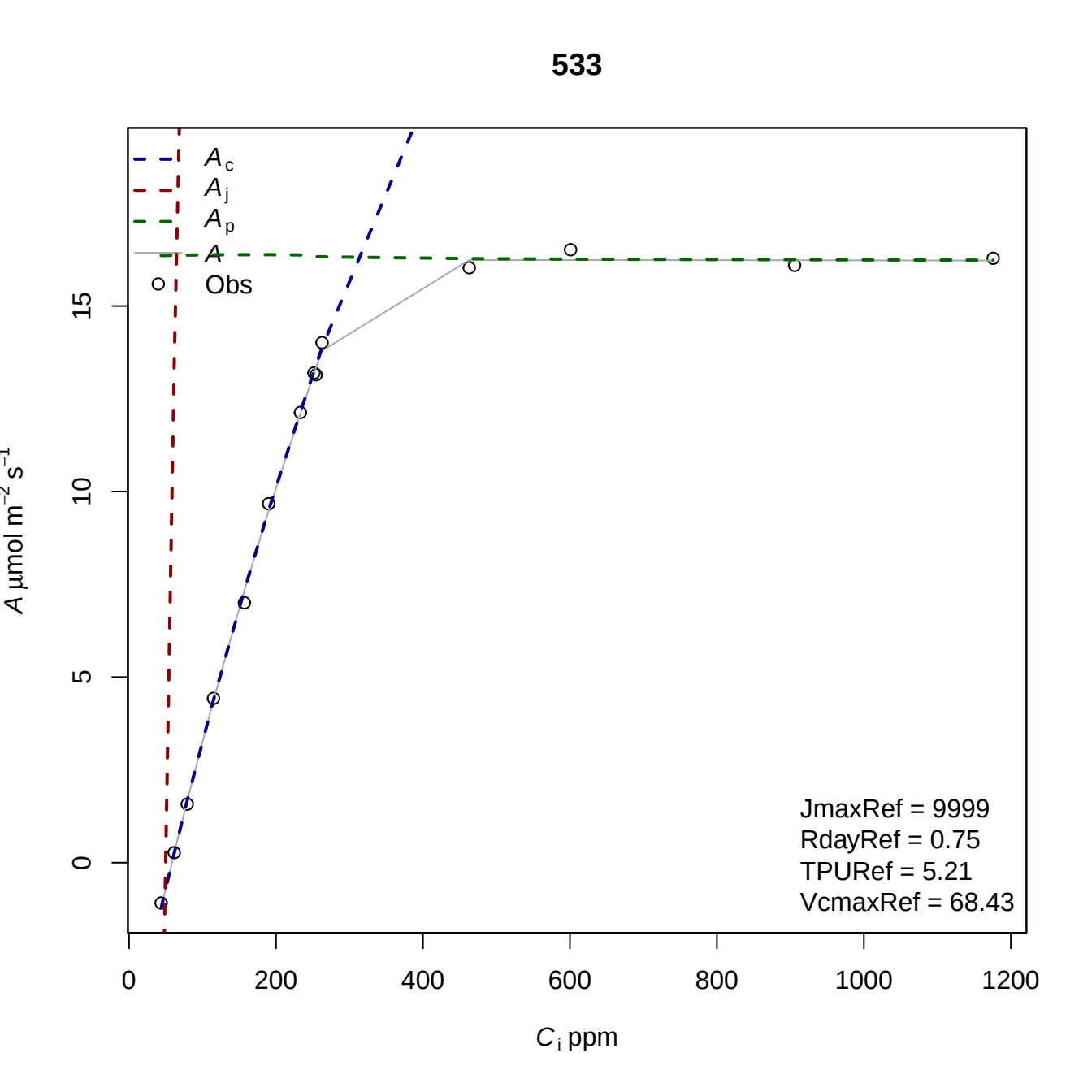

527
A_c
A_j
A_p
A
Obs
JmaxRef = 90.45
RdayRef = 0.82
TPURef = 5.34
VcmaxRef = 56.83
A µmol m^{-2} s^{-1}
0
5
10
15
0
500
1000
1500
C_i ppm

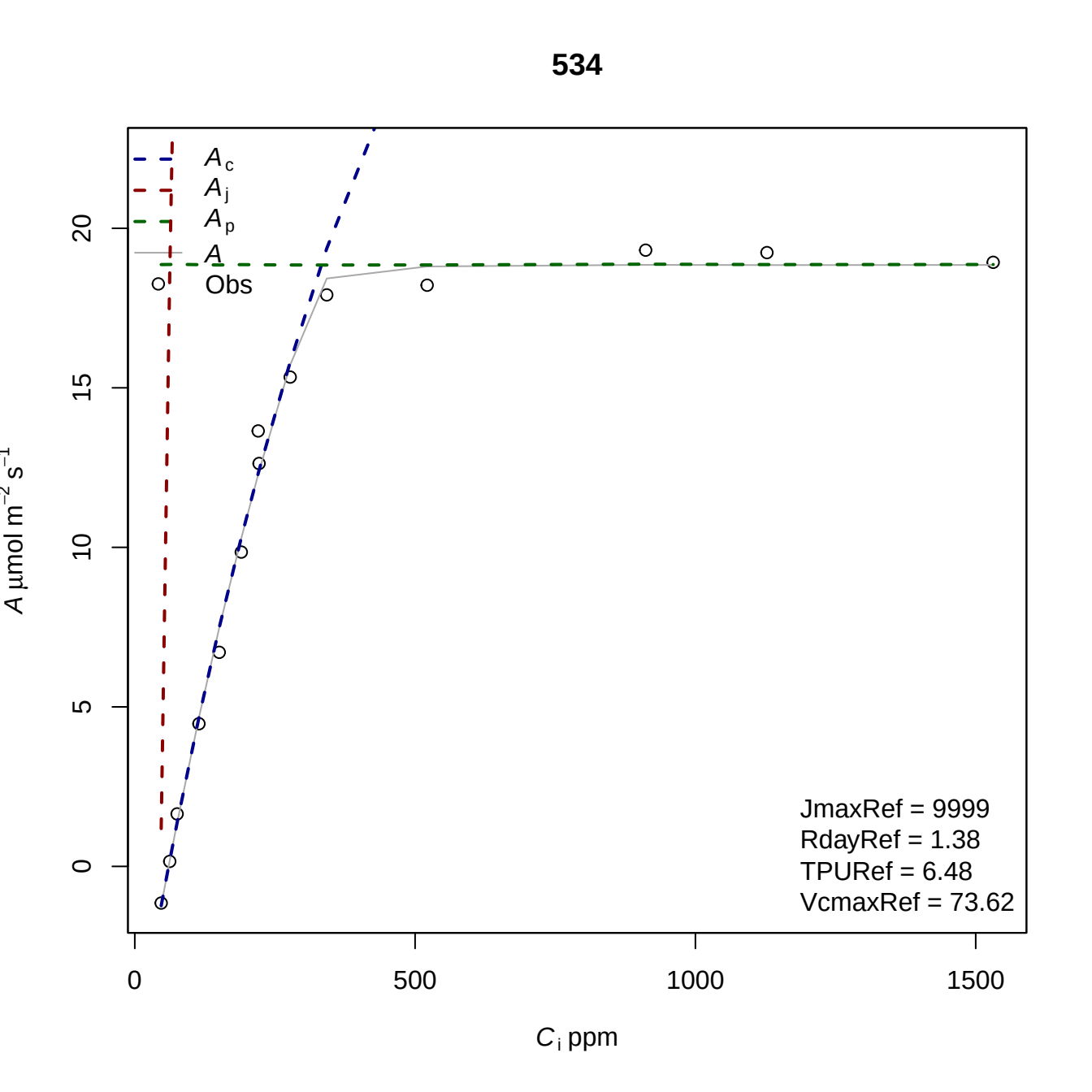

528
A_c
A_j
A_p
A
Obs
JmaxRef = 114.27
RdayRef = −3.23
TPURef = 9999
VcmaxRef = 58.68
A µmol m^{-2} s^{-1}
C_i ppm
0
500
1000
1500
5
10
15
20
25
30

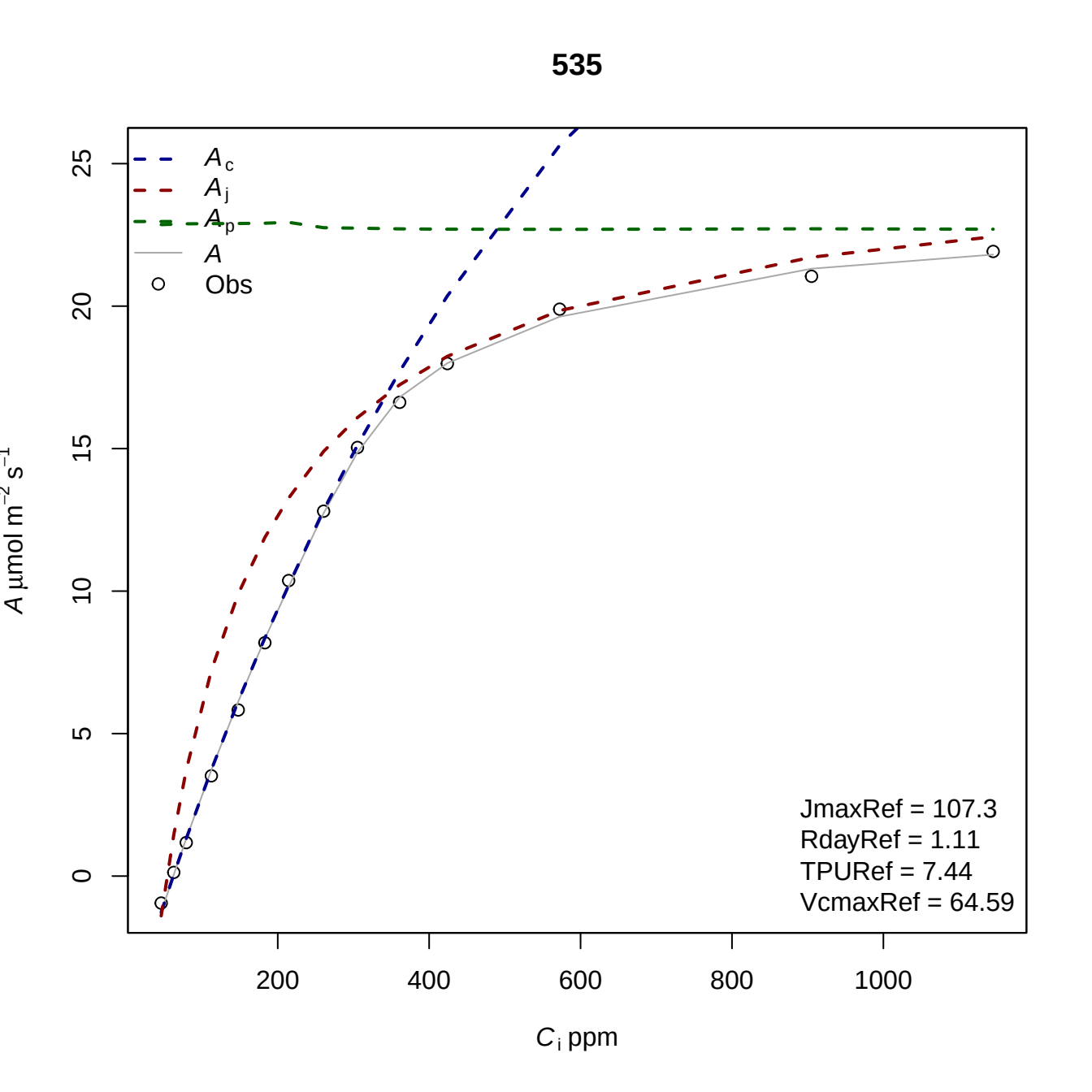

529
A_c
A_j
A_p
A
Obs
JmaxRef = 88.84
RdayRef = 0.92
TPURef = 6.16
VcmaxRef = 57.36
A µmol m^{-2} s^{-1}
0
5
10
15
20
0
500
1000
1500
C_i ppm

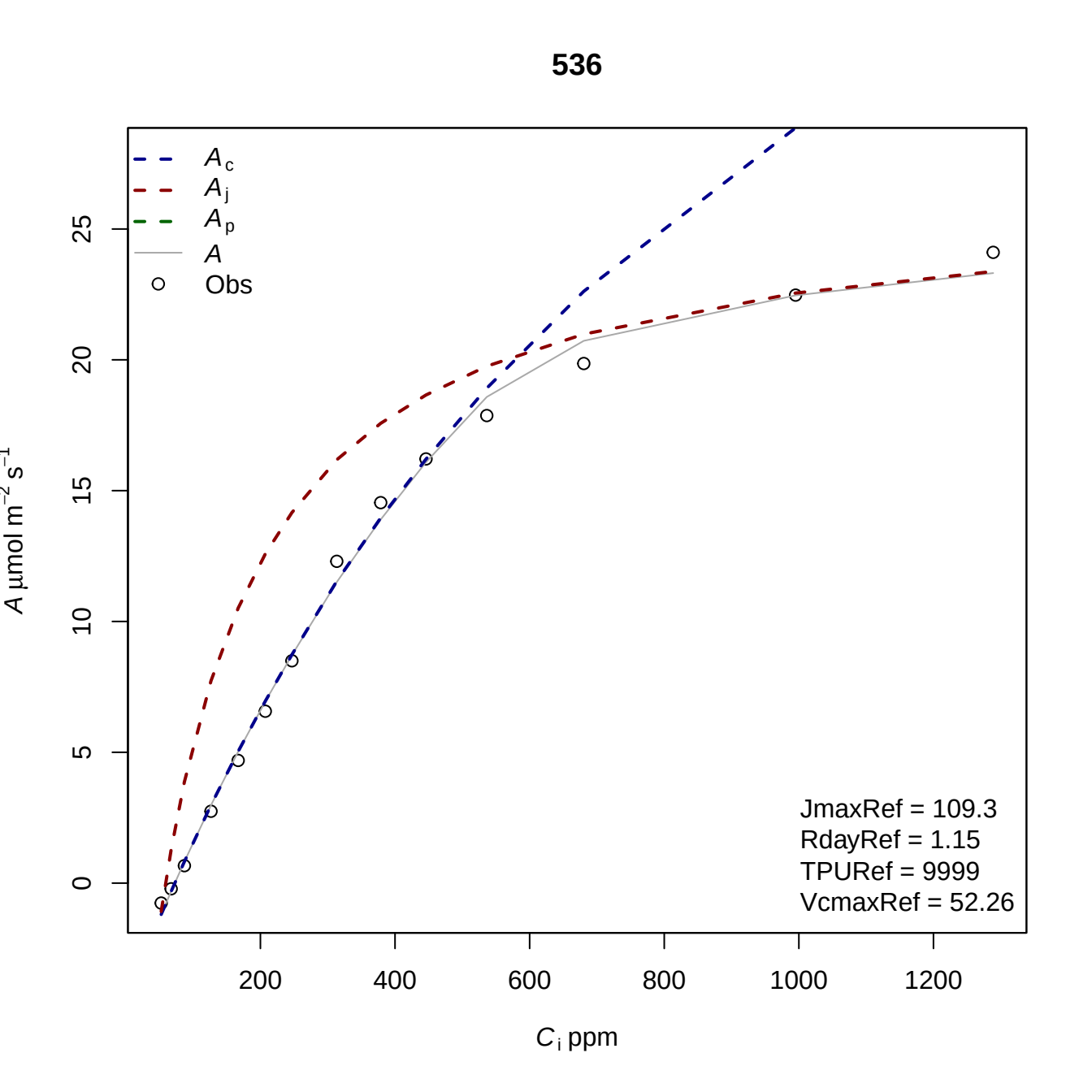

530
A_c
A_j
A_p
A
Obs
JmaxRef = 69.96
RdayRef = 0.55
TPURef = 9999
VcmaxRef = 42.9
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

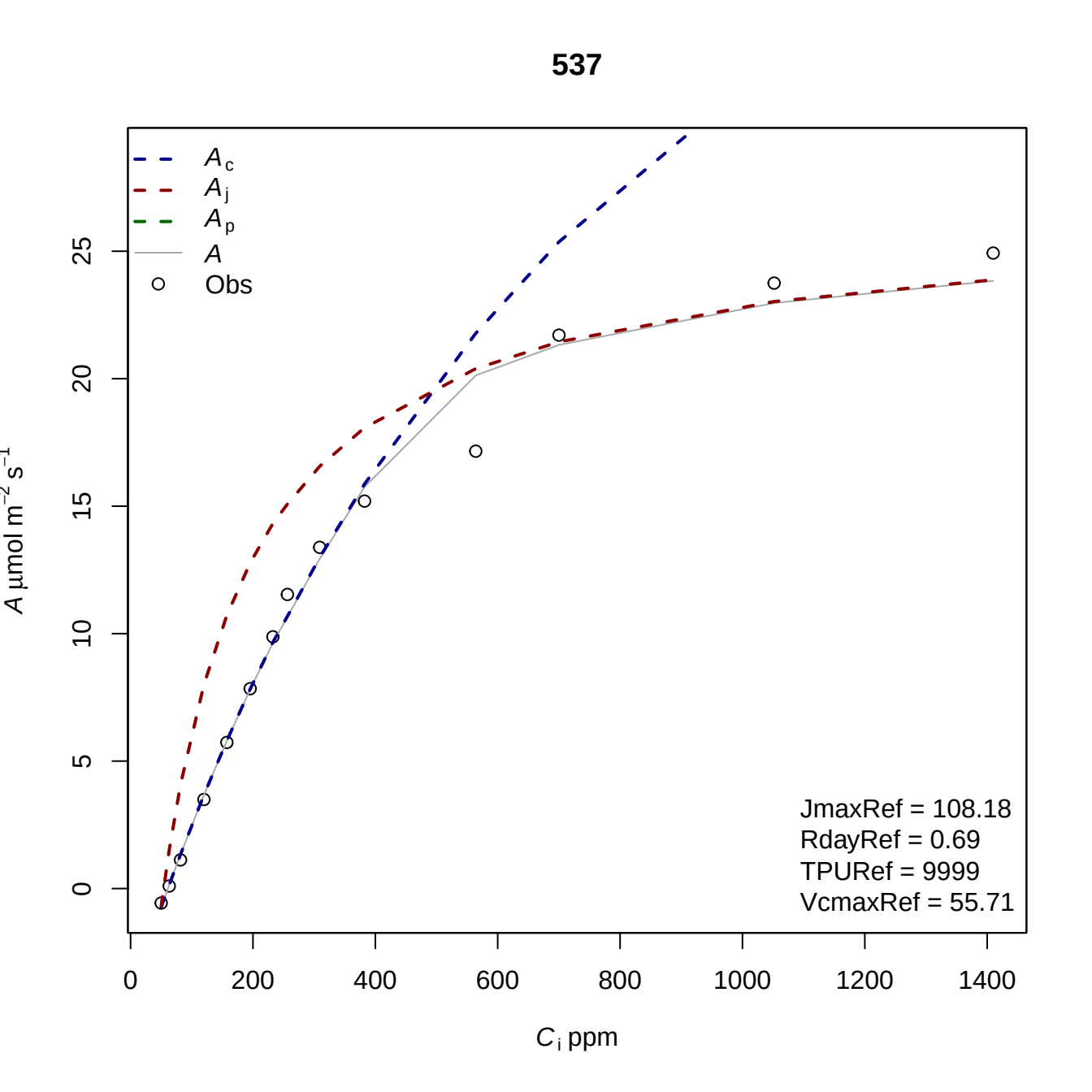

532
A_c
A_j
A_p
A
Obs
JmaxRef = 94.64
RdayRef = −4.36
TPURef = 4.64
VcmaxRef = 417577.95
A µmol m^{-2} s^{-1}
5
10
15
20
0
200
400
600
800
1000
1200
1400
C_i ppm

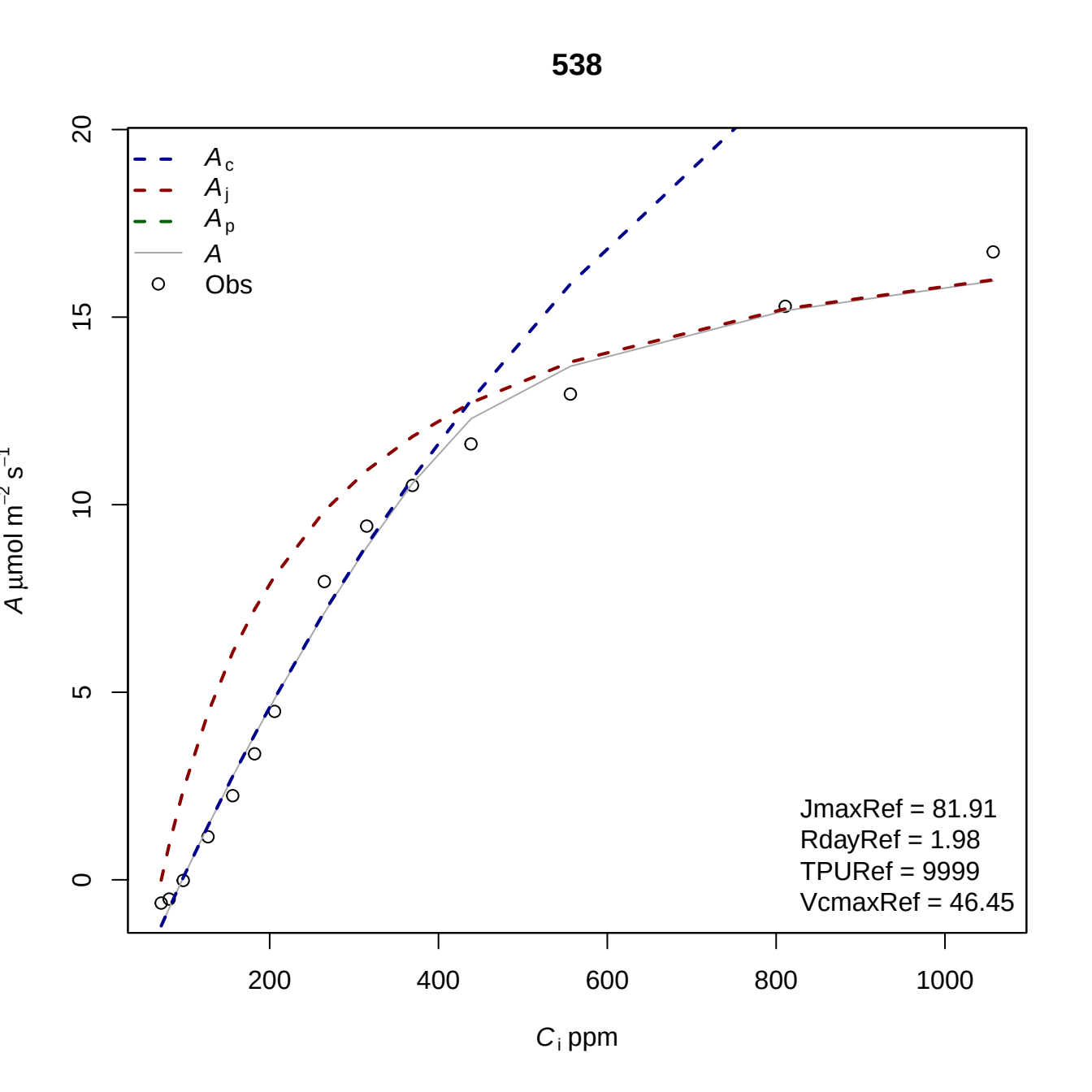

533
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.75
TPURef = 5.21
VcmaxRef = 68.43
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200

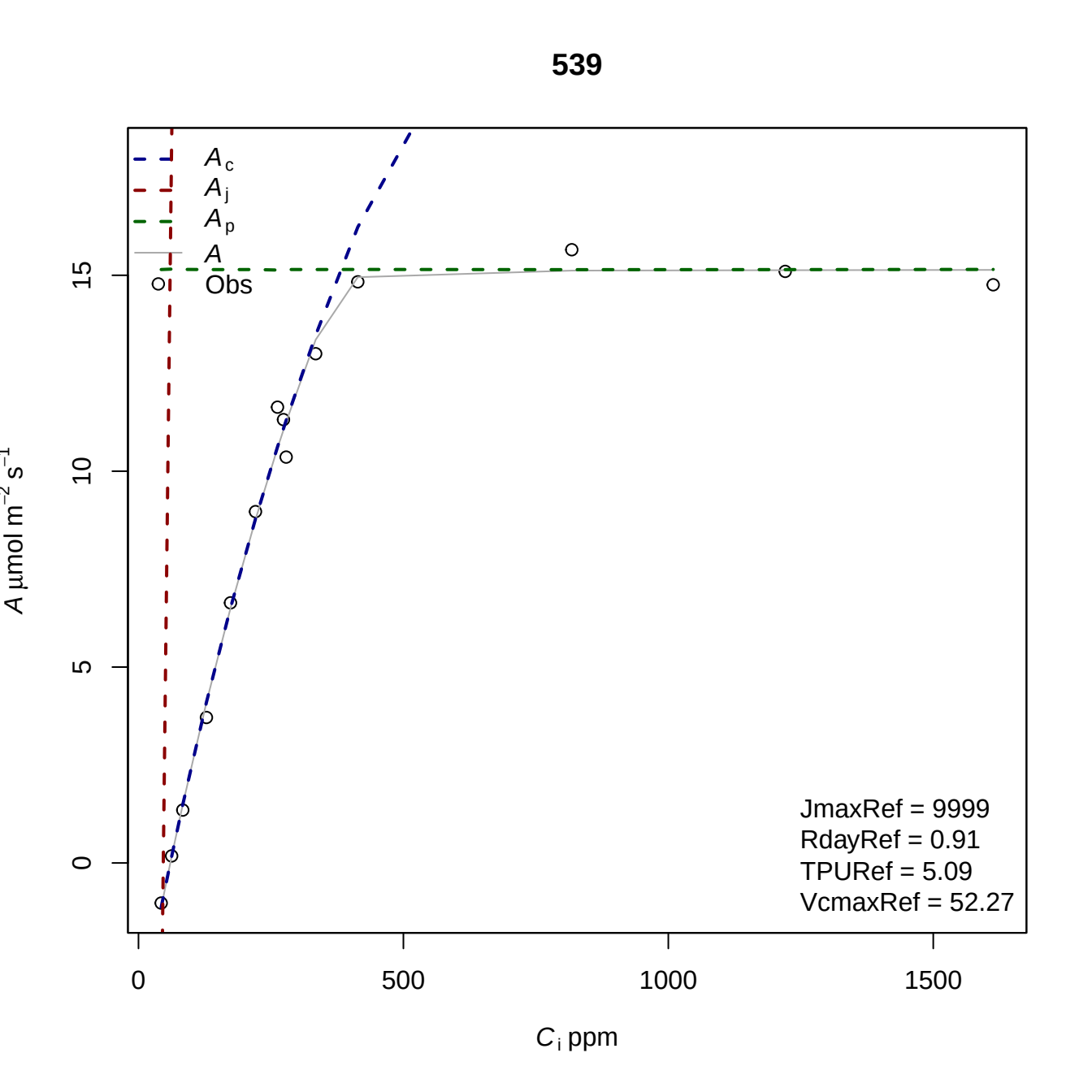

534
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.38
TPURef = 6.48
VcmaxRef = 73.62
A µmol m^{-2} s^{-1}
0
5
10
15
20
0
500
1000
1500
C_i ppm

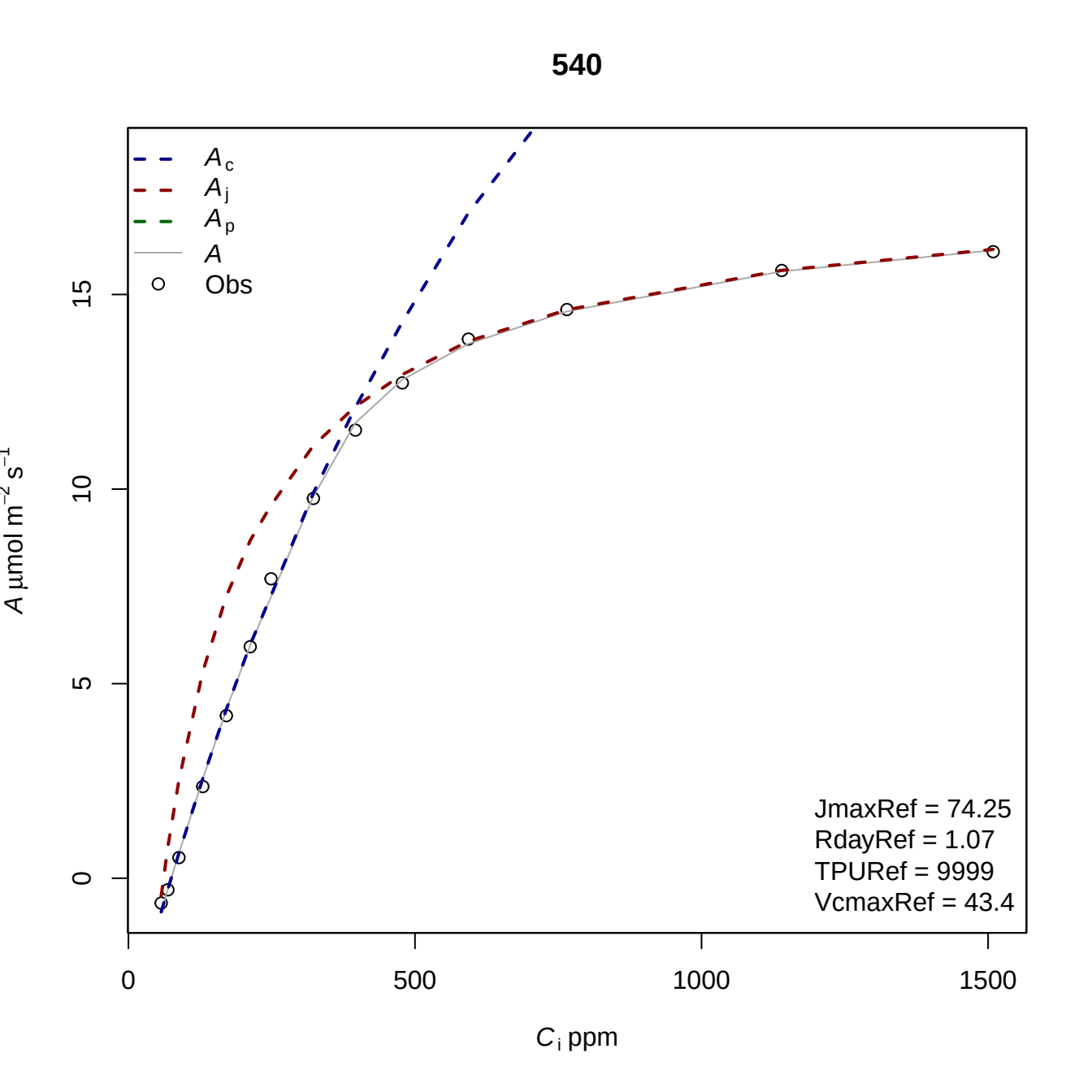

535
A_c
A_j
A_p
A
Obs
JmaxRef = 107.3
RdayRef = 1.11
TPURef = 7.44
VcmaxRef = 64.59
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000

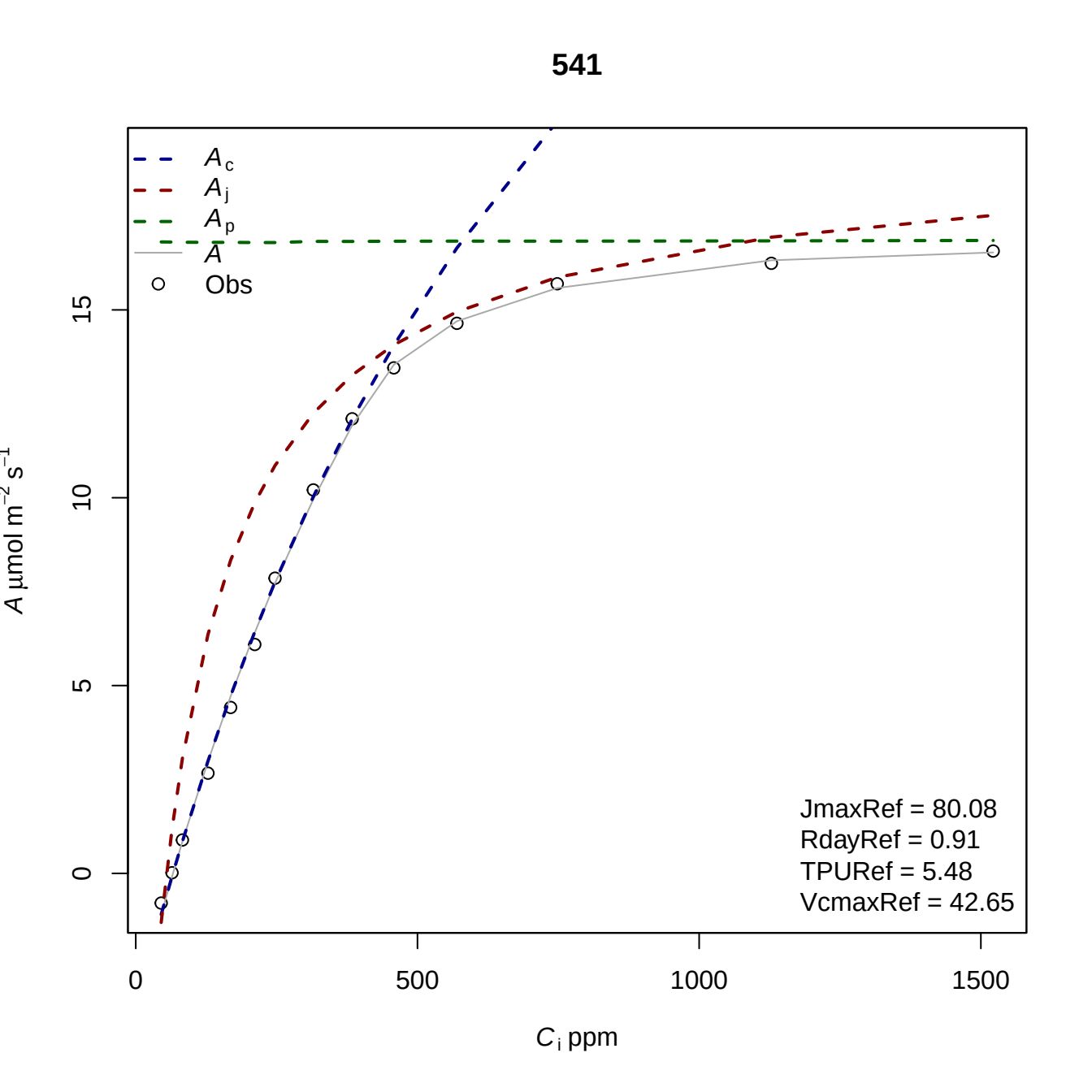

536
A_c
A_j
A_p
A
Obs
JmaxRef = 109.3
RdayRef = 1.15
TPURef = 9999
VcmaxRef = 52.26
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000
1200

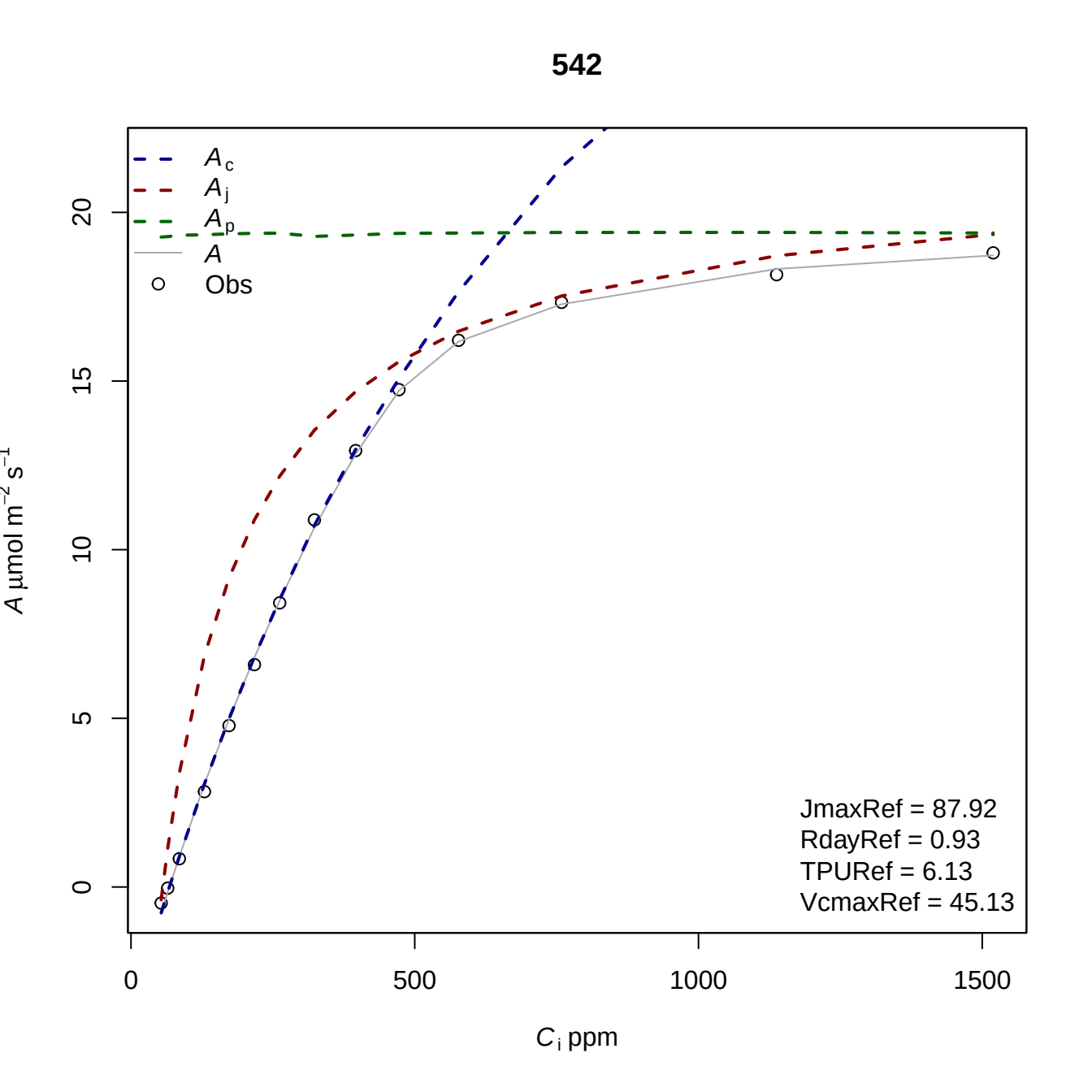

537
A_c
A_j
A_p
A
Obs
JmaxRef = 108.18
RdayRef = 0.69
TPURef = 9999
VcmaxRef = 55.71
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

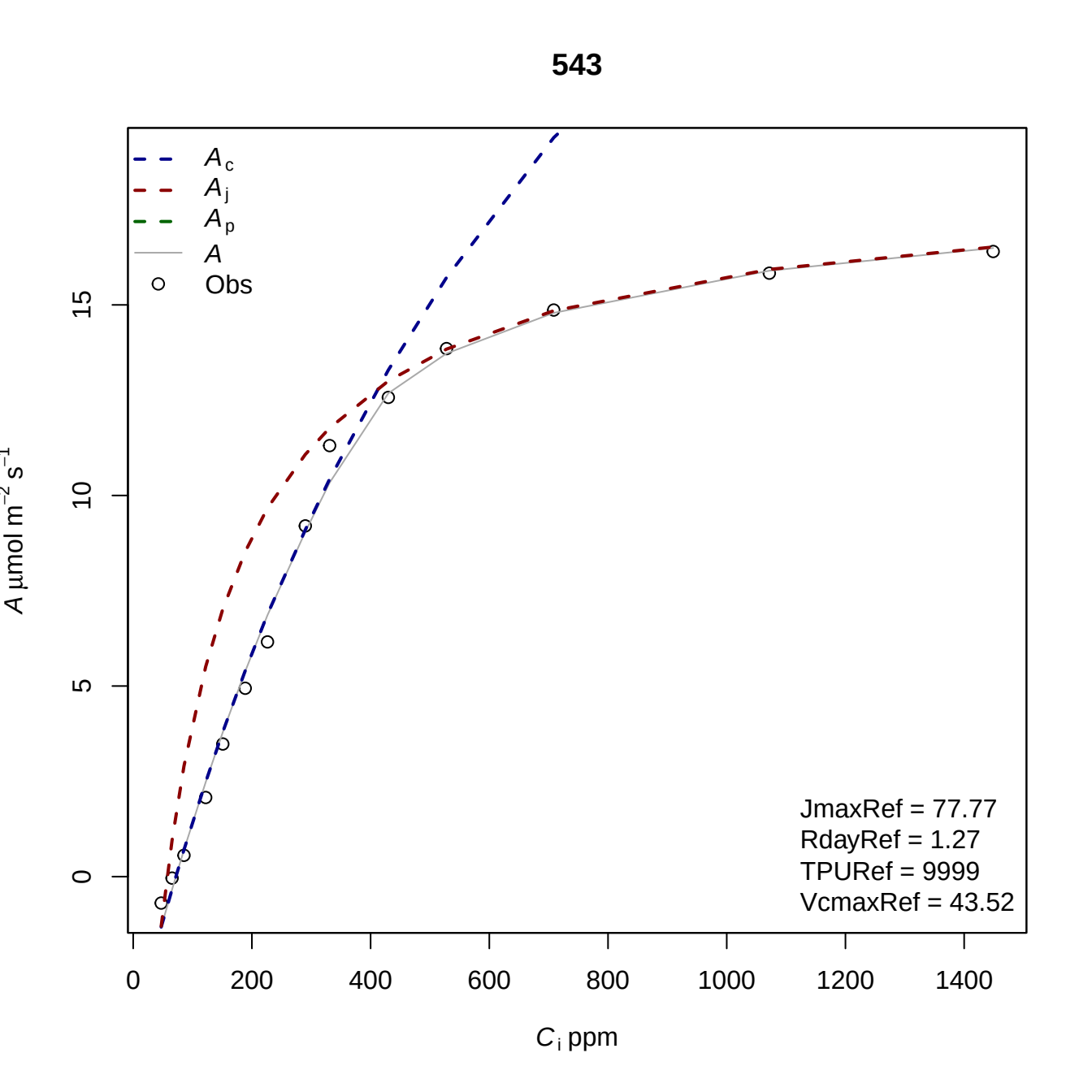

538
A_c
A_j
A_p
A
Obs
JmaxRef = 81.91
RdayRef = 1.98
TPURef = 9999
VcmaxRef = 46.45
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

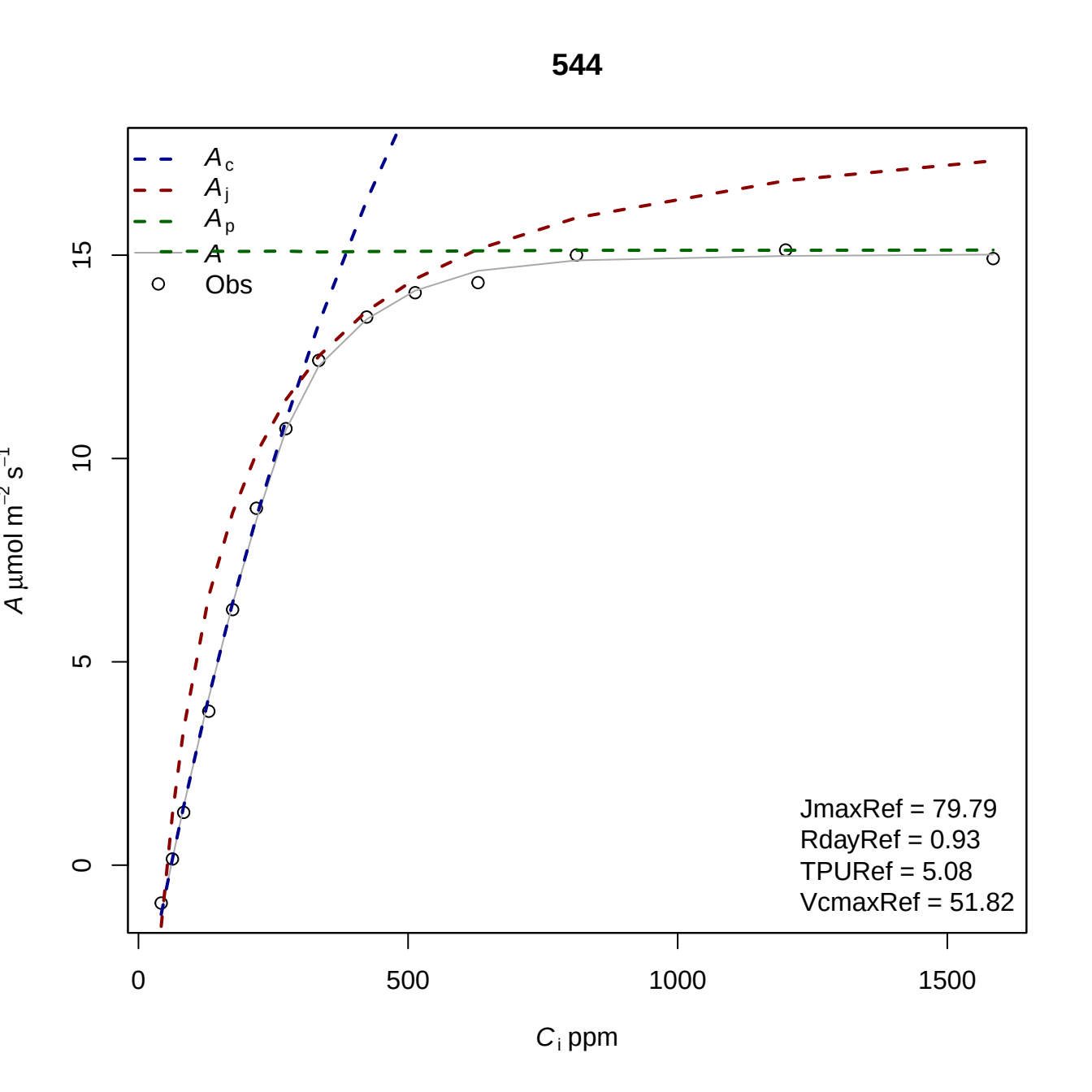

539
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.91
TPURef = 5.09
VcmaxRef = 52.27
A µmol m^{-2} s^{-1}
0
5
10
15
0
500
1000
1500
C_i ppm

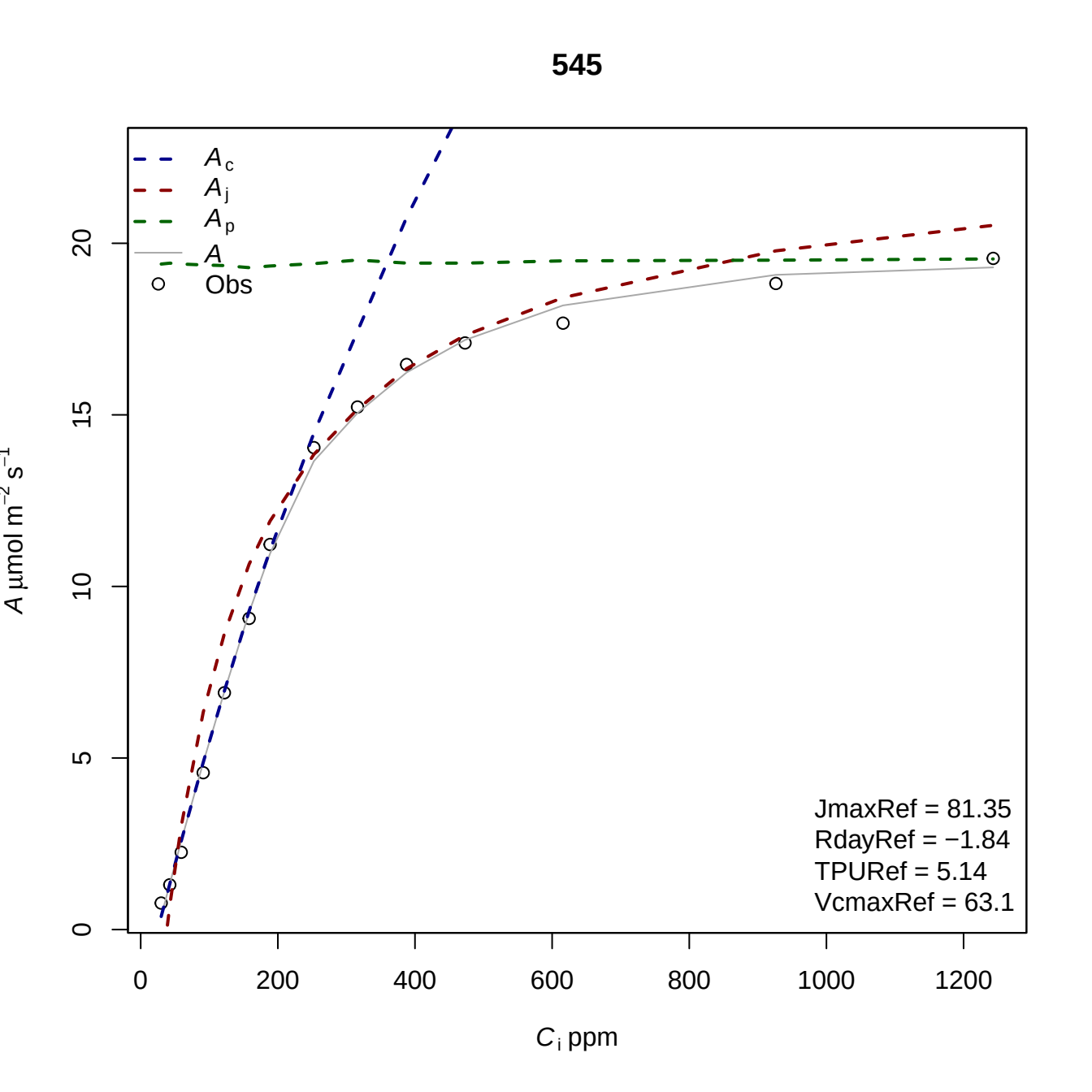

540
A_c
A_j
A_p
A
Obs
JmaxRef = 74.25
RdayRef = 1.07
TPURef = 9999
VcmaxRef = 43.4
A µmol m^{-2} s^{-1}
0
5
10
15
0
500
1000
1500
C_i ppm

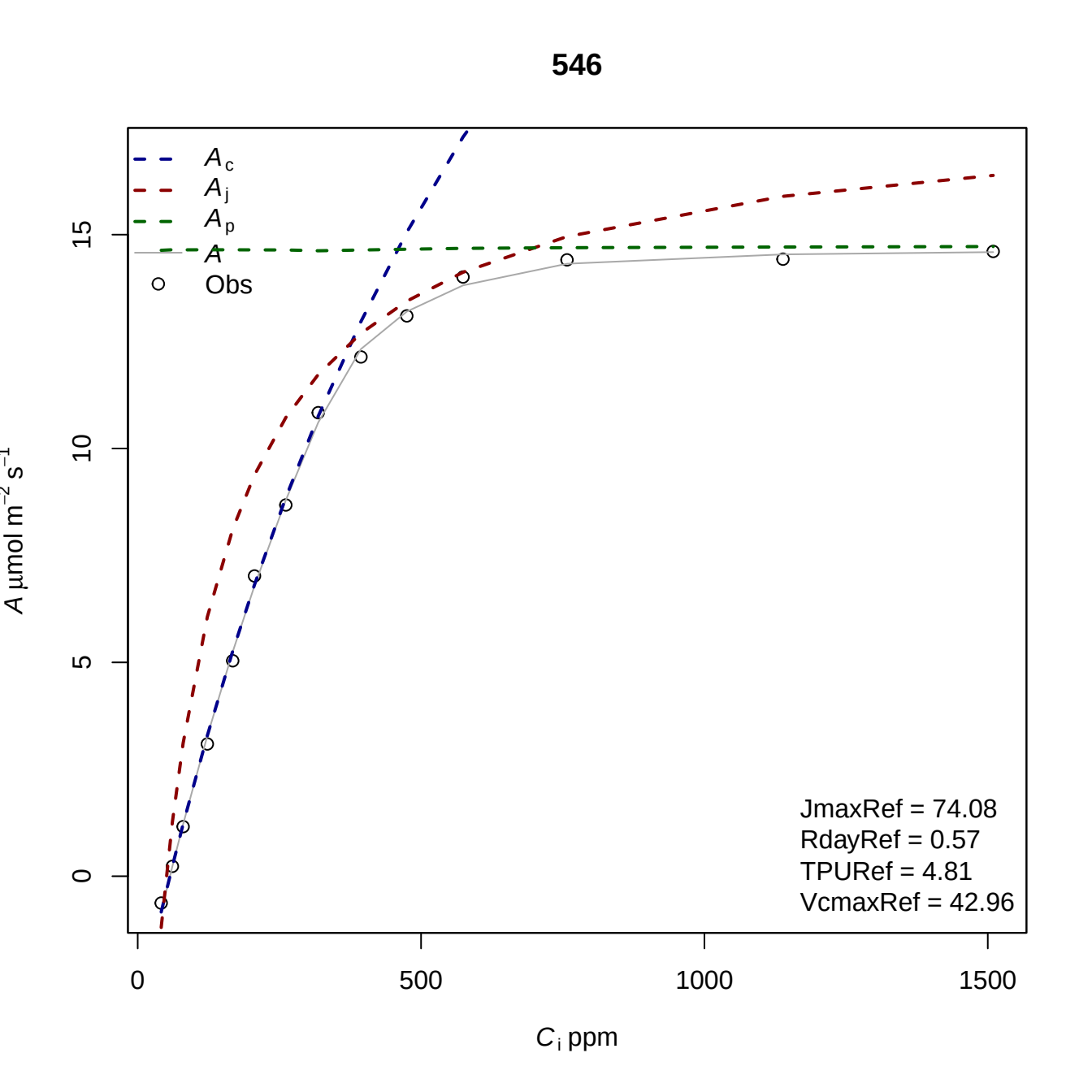

541
A_c
A_j
A_p
A
Obs
JmaxRef = 80.08
RdayRef = 0.91
TPURef = 5.48
VcmaxRef = 42.65
A µmol m^{-2} s^{-1}
0
5
10
15
0
500
1000
1500
C_i ppm

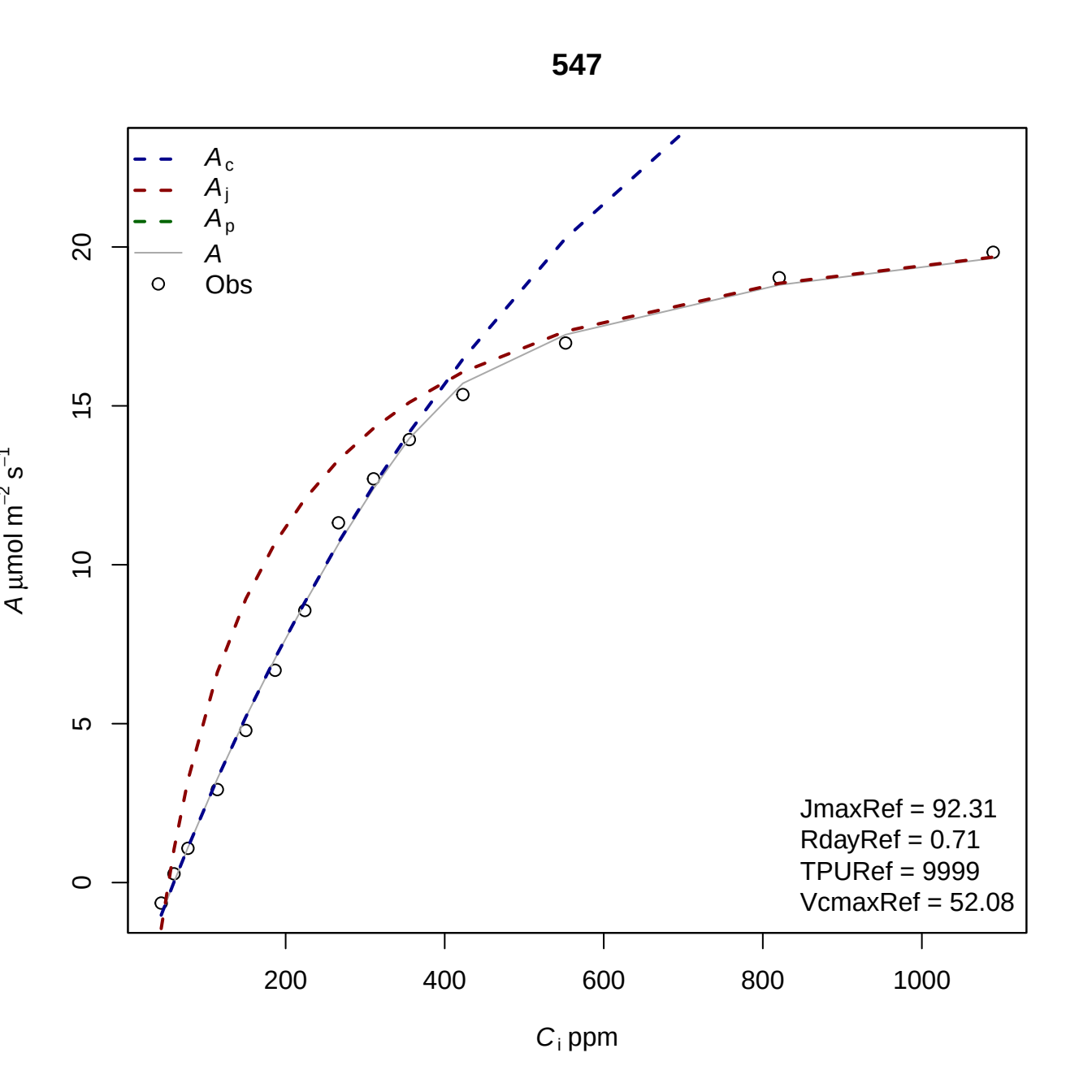

542
A_c
A_j
A_p
A
Obs
JmaxRef = 87.92
RdayRef = 0.93
TPURef = 6.13
VcmaxRef = 45.13
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

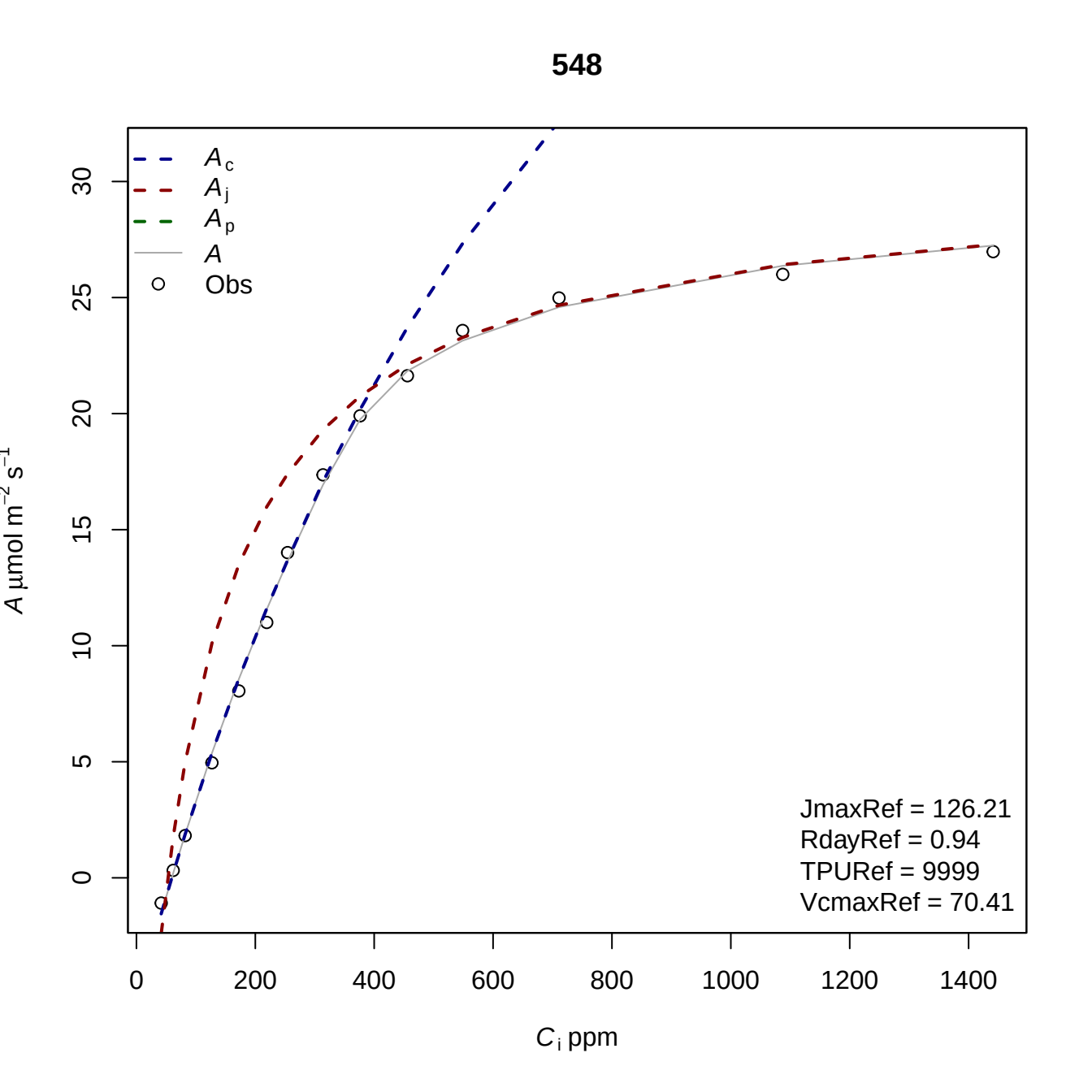

543
A_c
A_j
A_p
A
Obs
JmaxRef = 77.77
RdayRef = 1.27
TPURef = 9999
VcmaxRef = 43.52
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

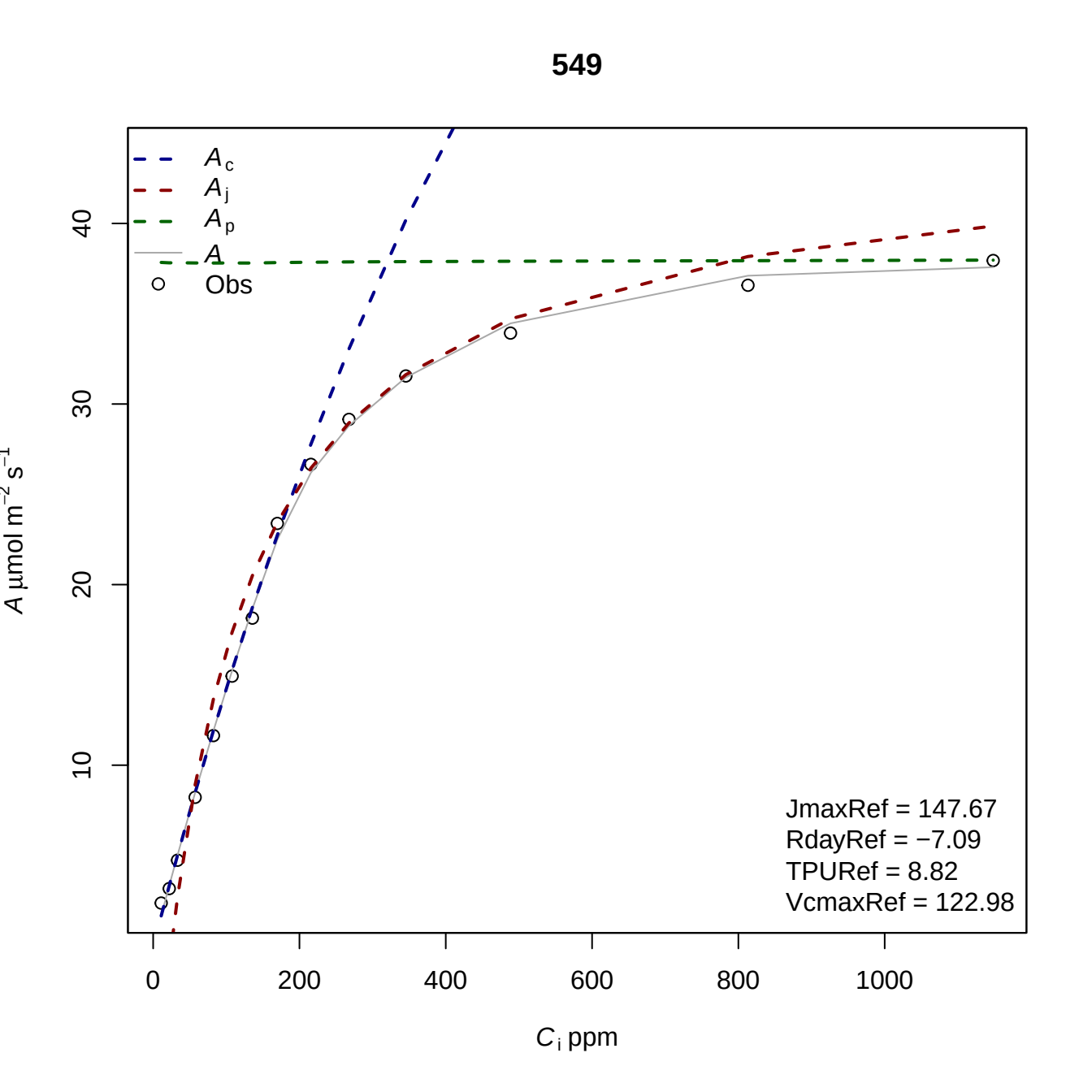

544
A_c
A_j
A_p
A
Obs
JmaxRef = 79.79
RdayRef = 0.93
TPURef = 5.08
VcmaxRef = 51.82
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

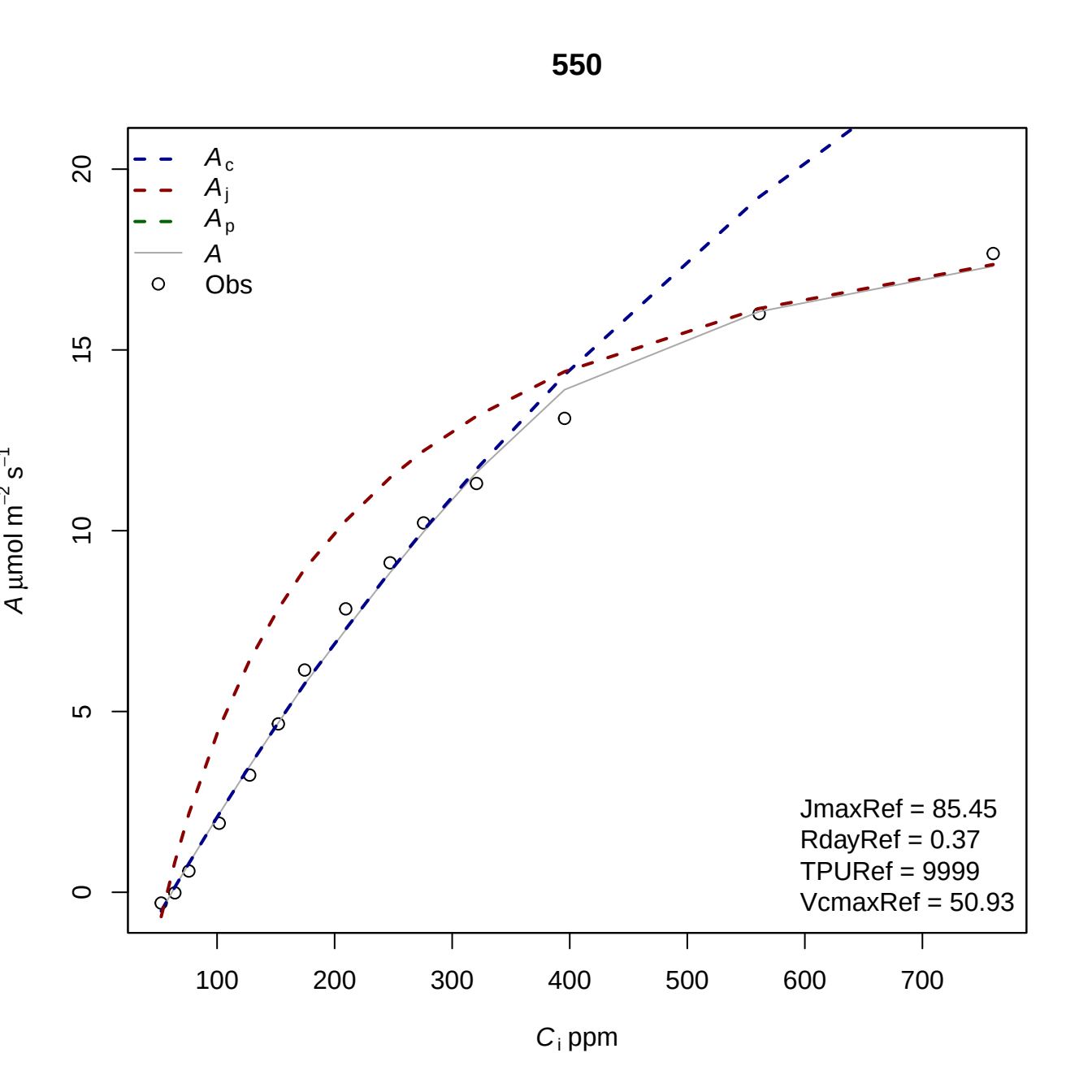

545
A_c
A_j
A_p
A
Obs
JmaxRef = 81.35
RdayRef = −1.84
TPURef = 5.14
VcmaxRef = 63.1
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

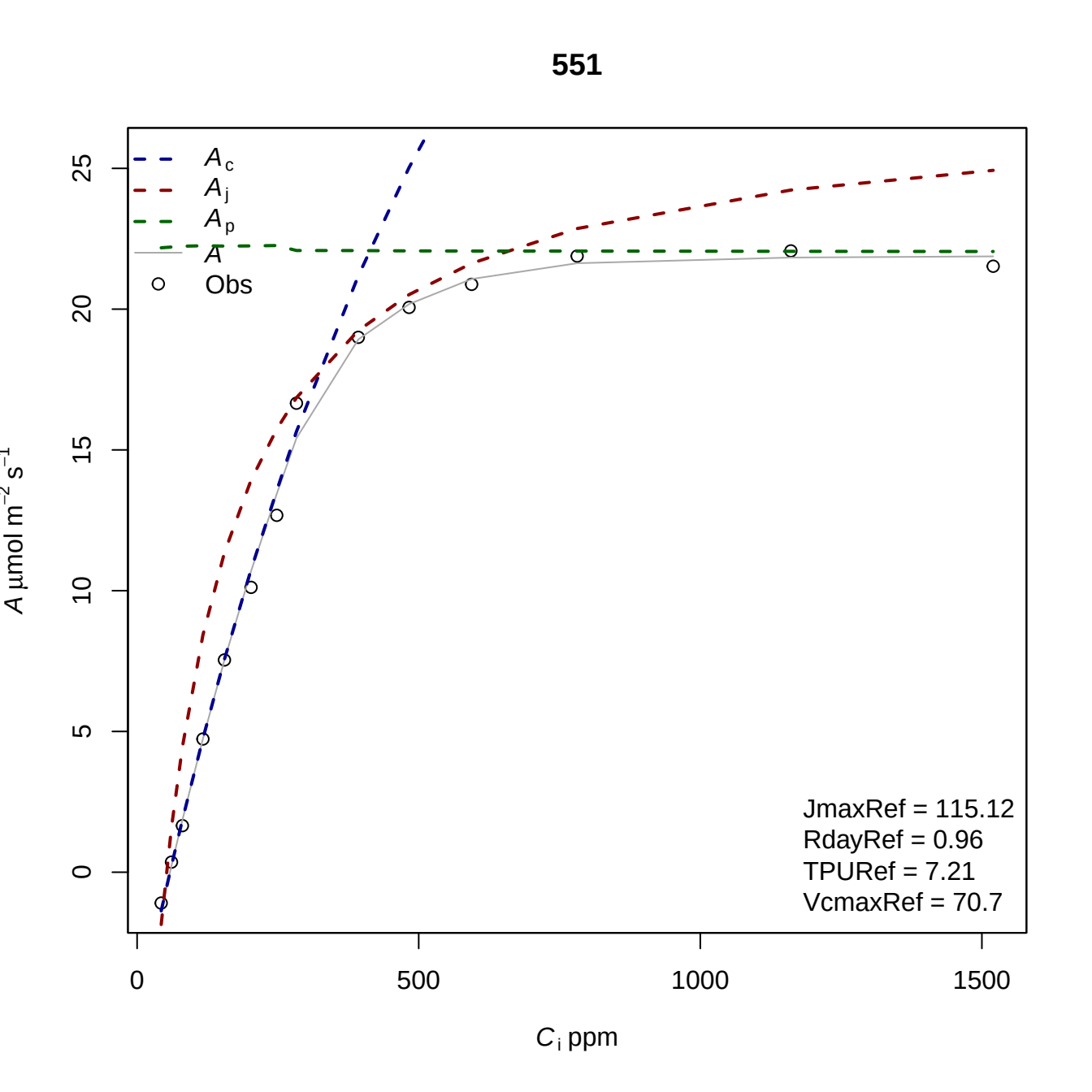

546
A_c
A_j
A_p
A
Obs
JmaxRef = 74.08
RdayRef = 0.57
TPURef = 4.81
VcmaxRef = 42.96
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

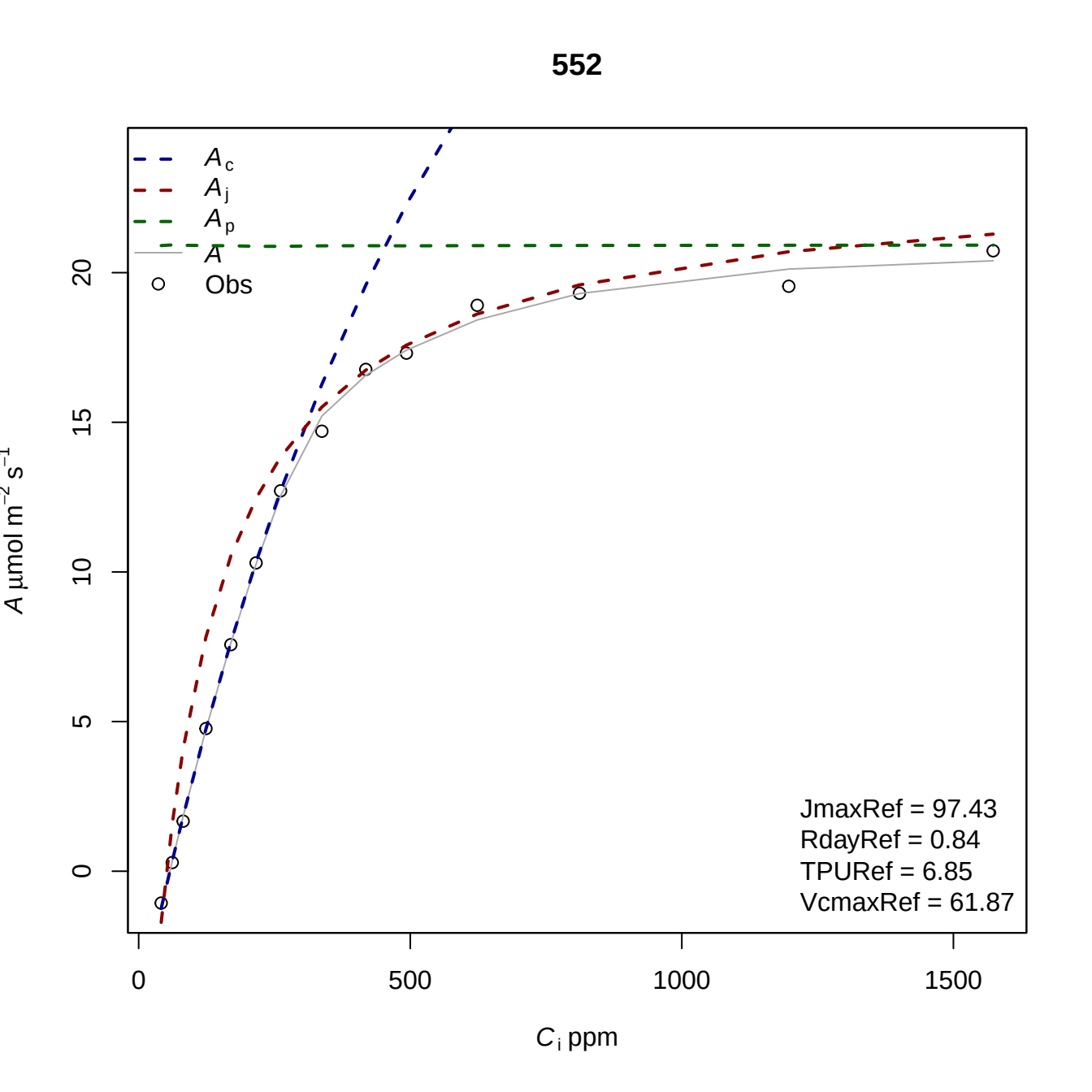

547
A_c
A_j
A_p
A
Obs
JmaxRef = 92.31
RdayRef = 0.71
TPURef = 9999
VcmaxRef = 52.08
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

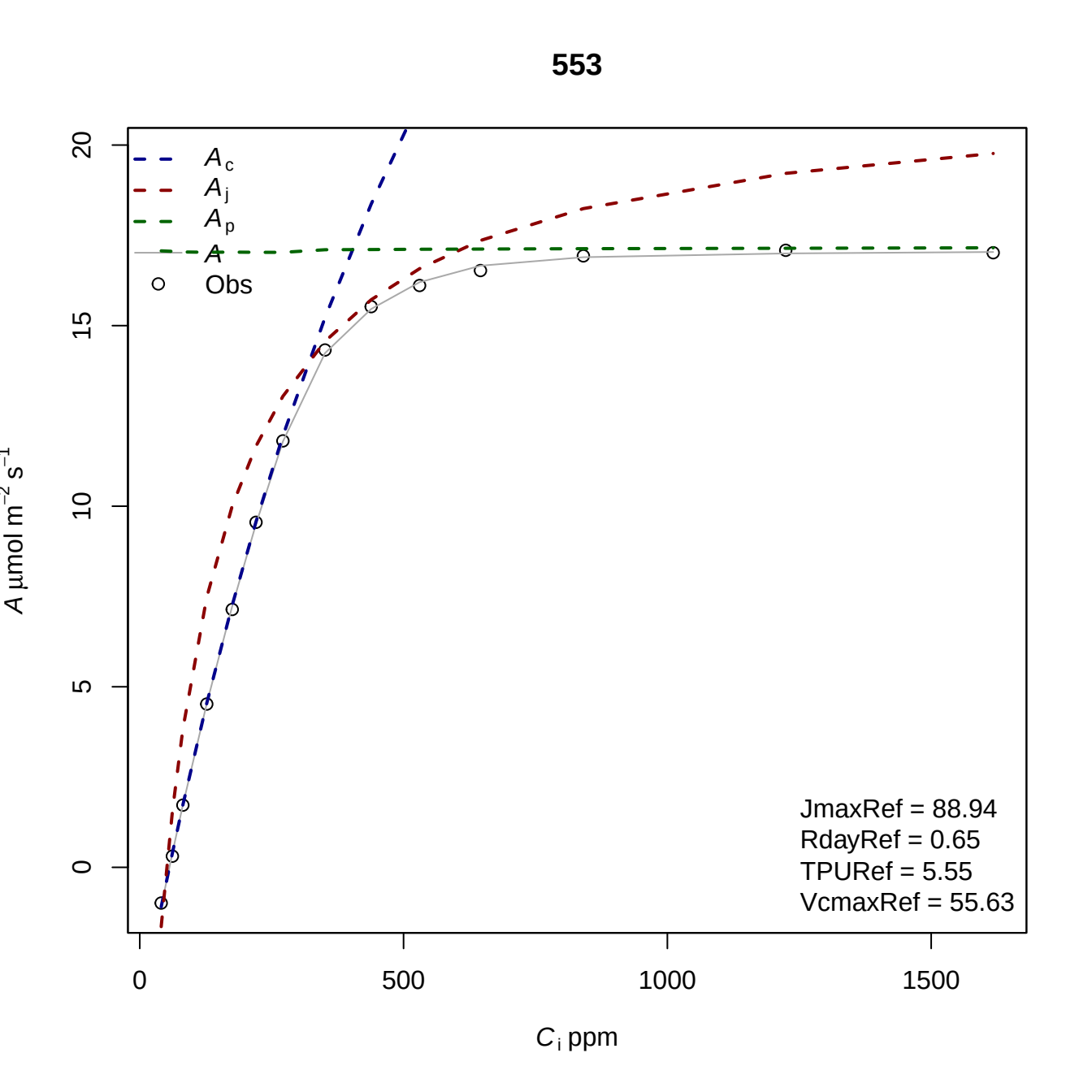

548
A_c
A_j
A_p
A
Obs
JmaxRef = 126.21
RdayRef = 0.94
TPURef = 9999
VcmaxRef = 70.41
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

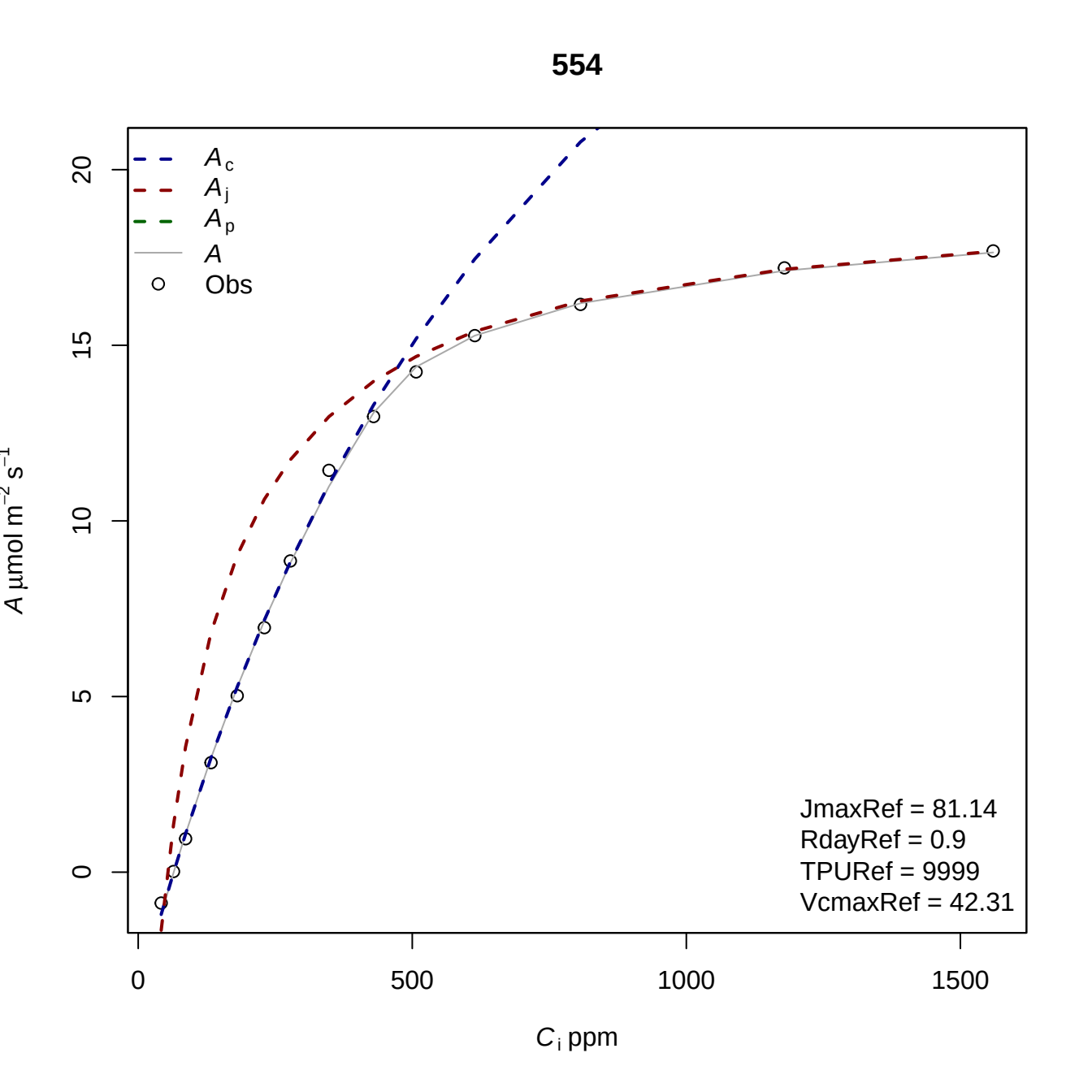

549
A_c
A_j
A_p
A
Obs
JmaxRef = 147.67
RdayRef = −7.09
TPURef = 8.82
VcmaxRef = 122.98
A µmol m^{-2} s^{-1}
10
20
30
40
0
200
400
600
800
1000
C_i ppm

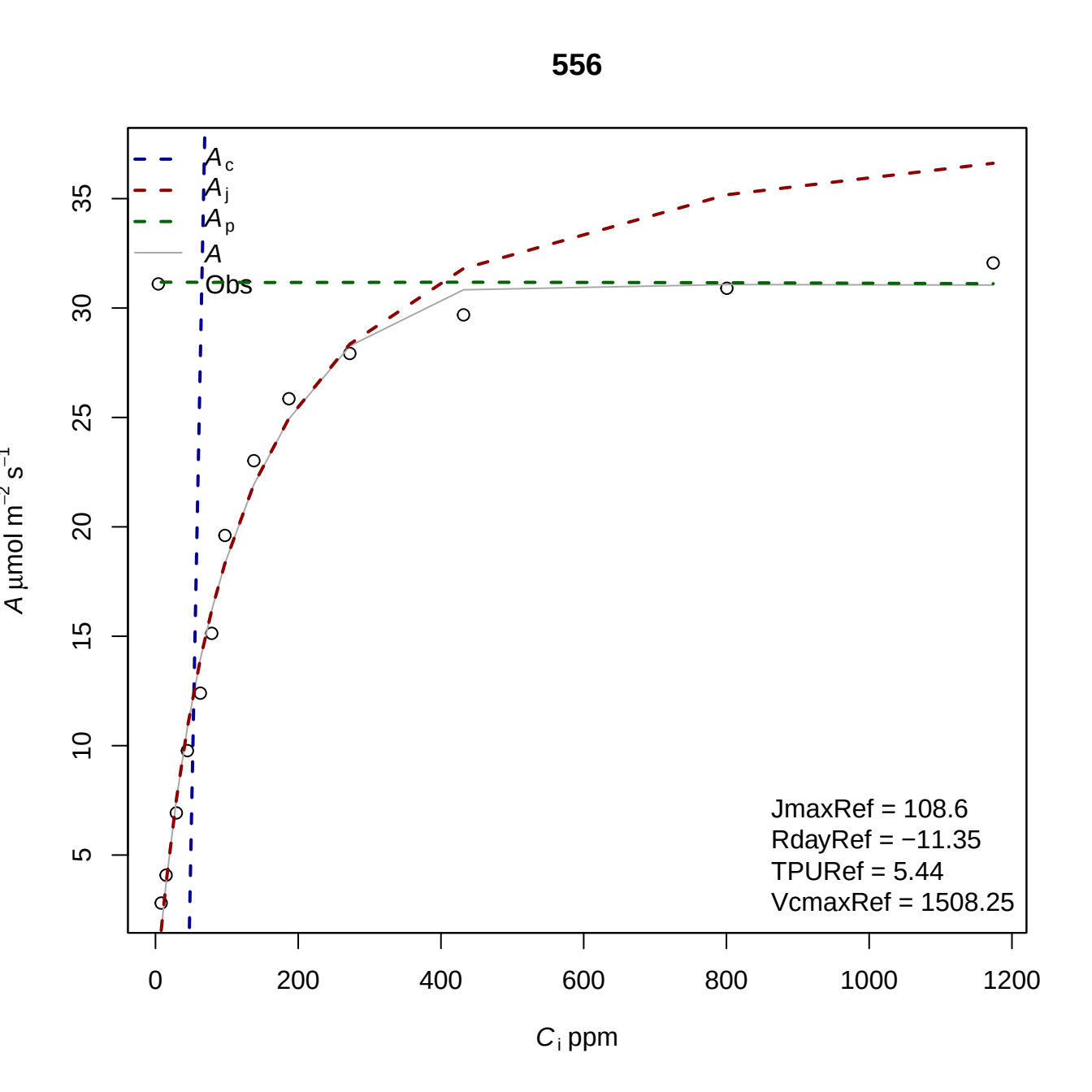

550
A_c
A_j
A_p
A
Obs
JmaxRef = 85.45
RdayRef = 0.37
TPURef = 9999
VcmaxRef = 50.93
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
100
200
300
400
500
600
700

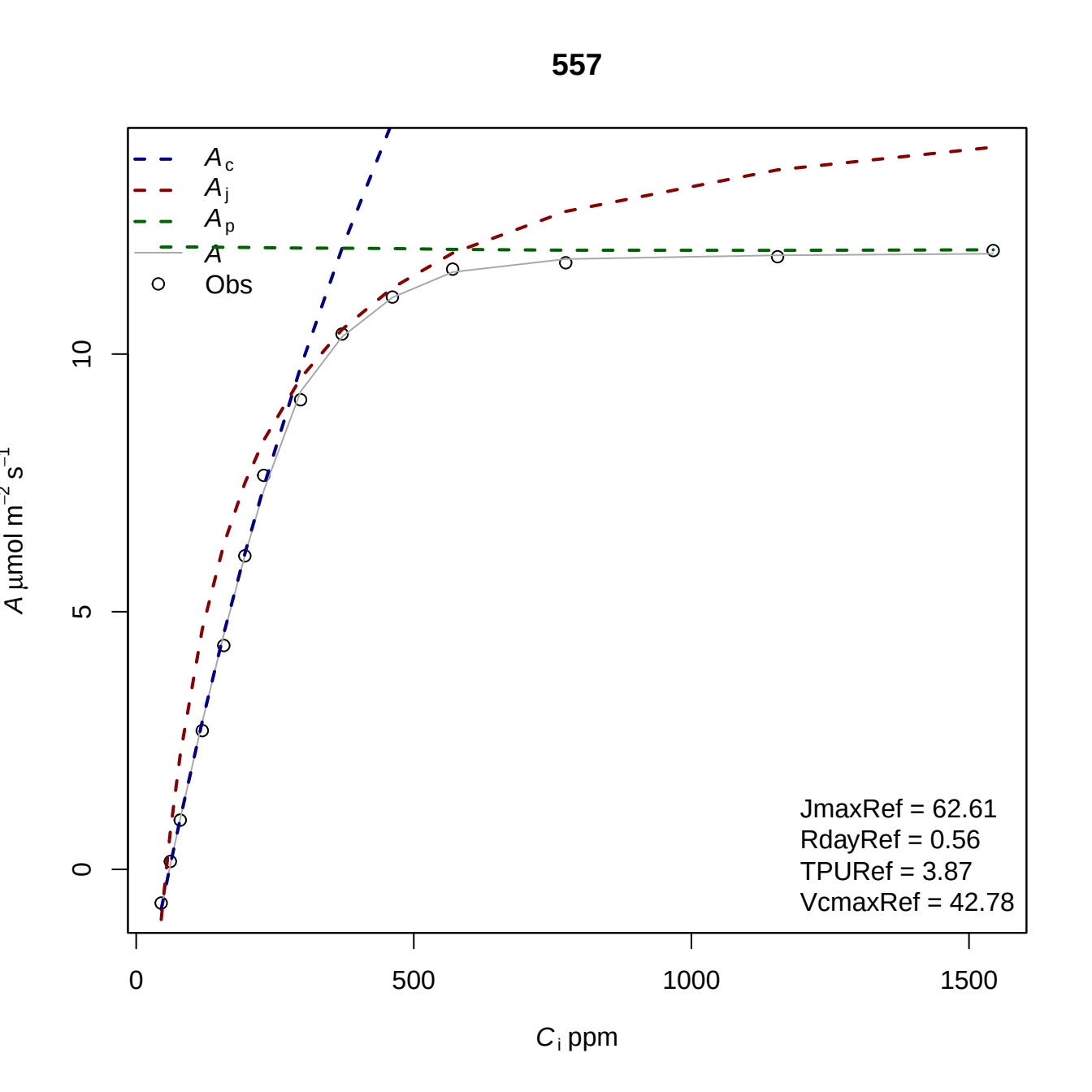

551
A_c
A_j
A_p
A
Obs
JmaxRef = 115.12
RdayRef = 0.96
TPURef = 7.21
VcmaxRef = 70.7
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

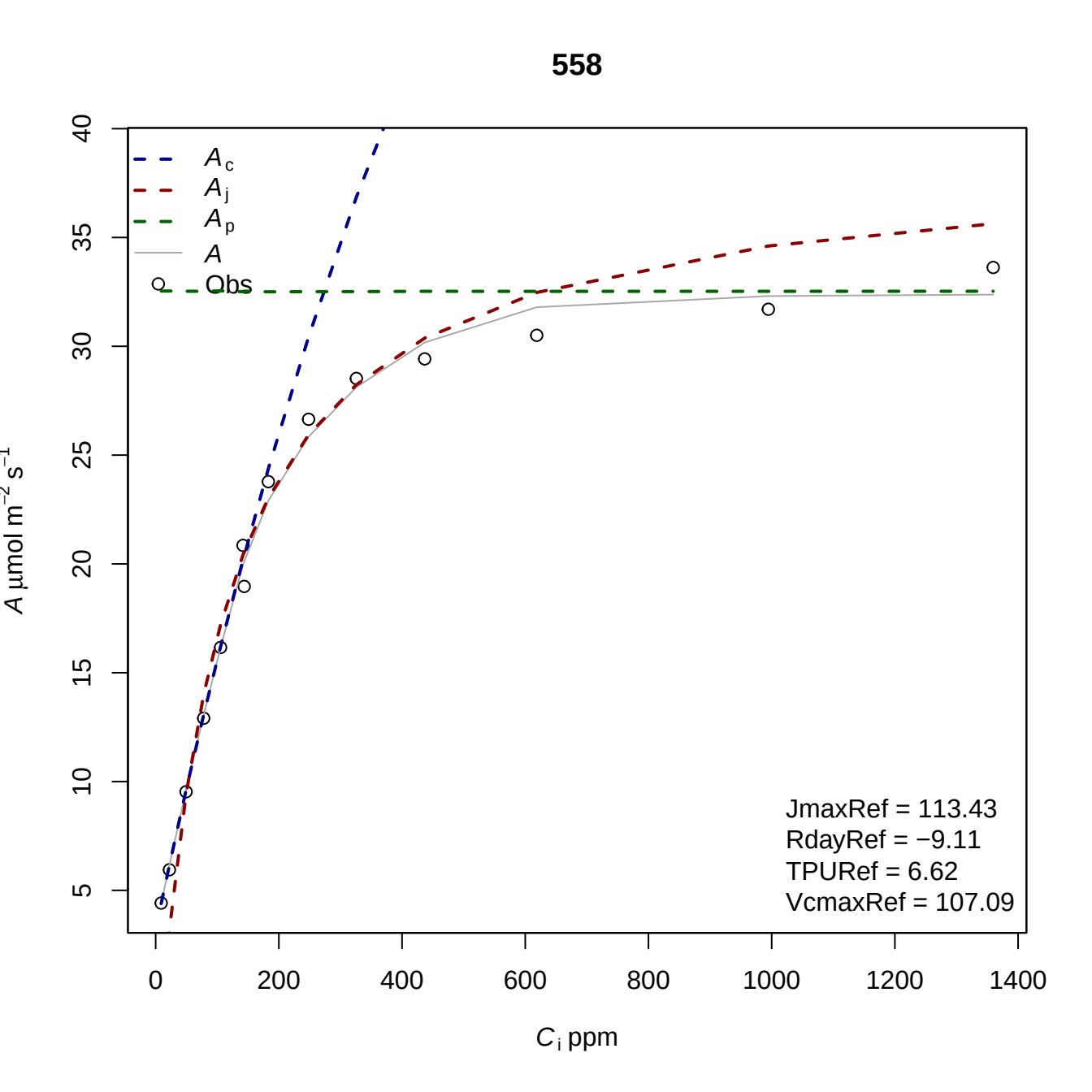

552
A_c
A_j
A_p
A
Obs
JmaxRef = 97.43
RdayRef = 0.84
TPURef = 6.85
VcmaxRef = 61.87
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

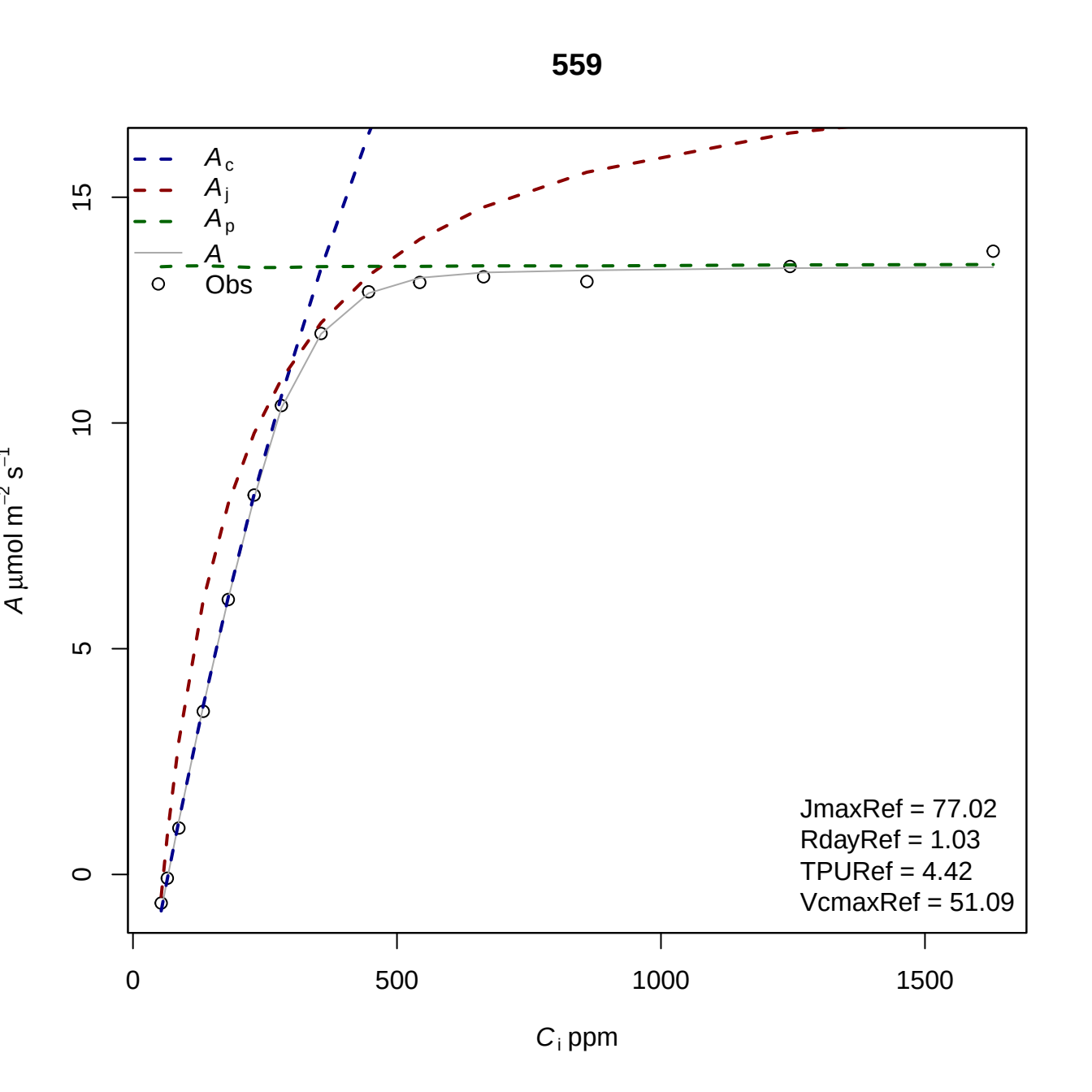

553
A_c
A_j
A_p
A
Obs
JmaxRef = 88.94
RdayRef = 0.65
TPURef = 5.55
VcmaxRef = 55.63
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

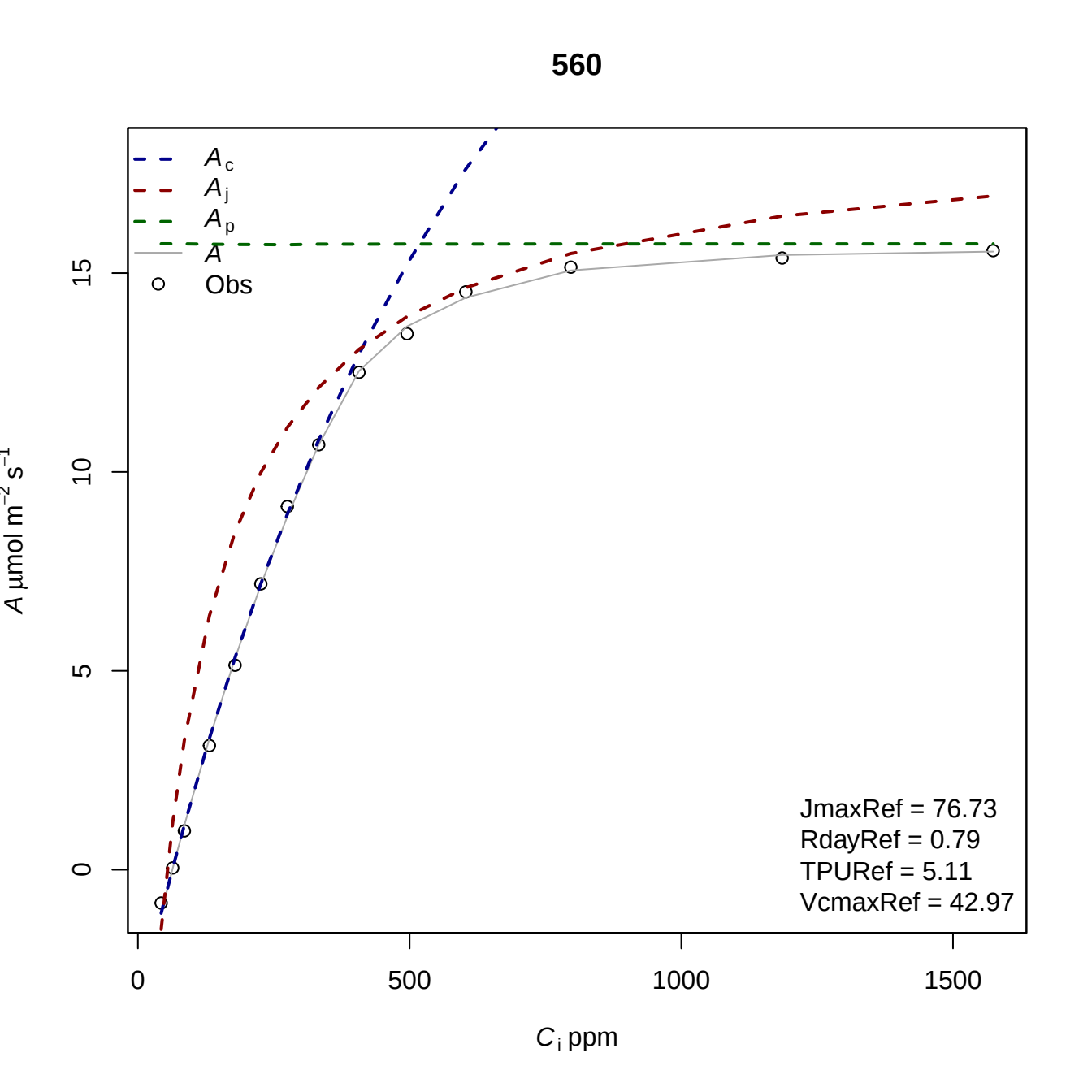

554
A_c
A_j
A_p
A
Obs
JmaxRef = 81.14
RdayRef = 0.9
TPURef = 9999
VcmaxRef = 42.31
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

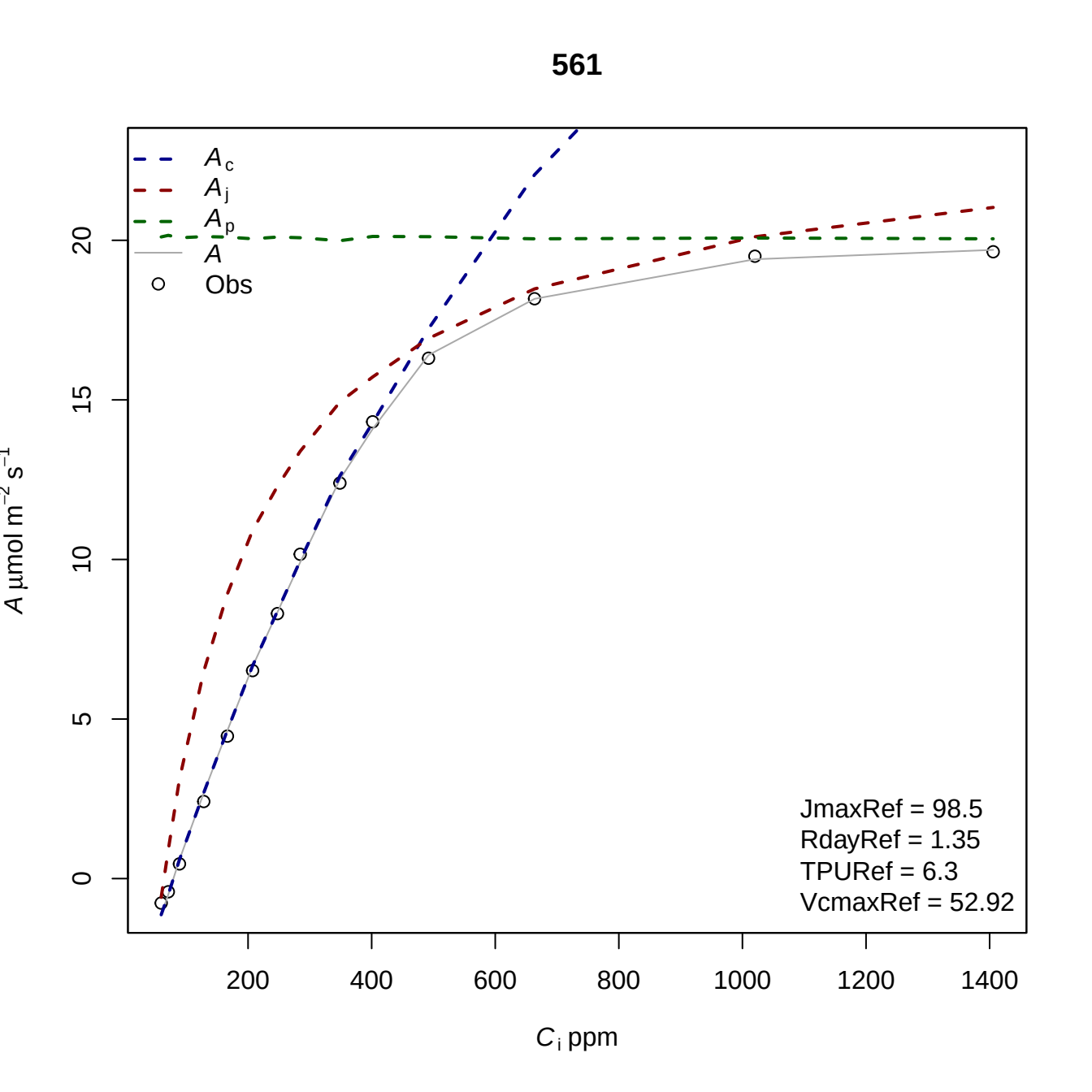

556
A_c
A_j
A_p
A
Obs
JmaxRef = 108.6
RdayRef = −11.35
TPURef = 5.44
VcmaxRef = 1508.25
A µmol m^{-2} s^{-1}
C_i ppm
0
200
400
600
800
1000
1200
5
10
15
20
25
30
35

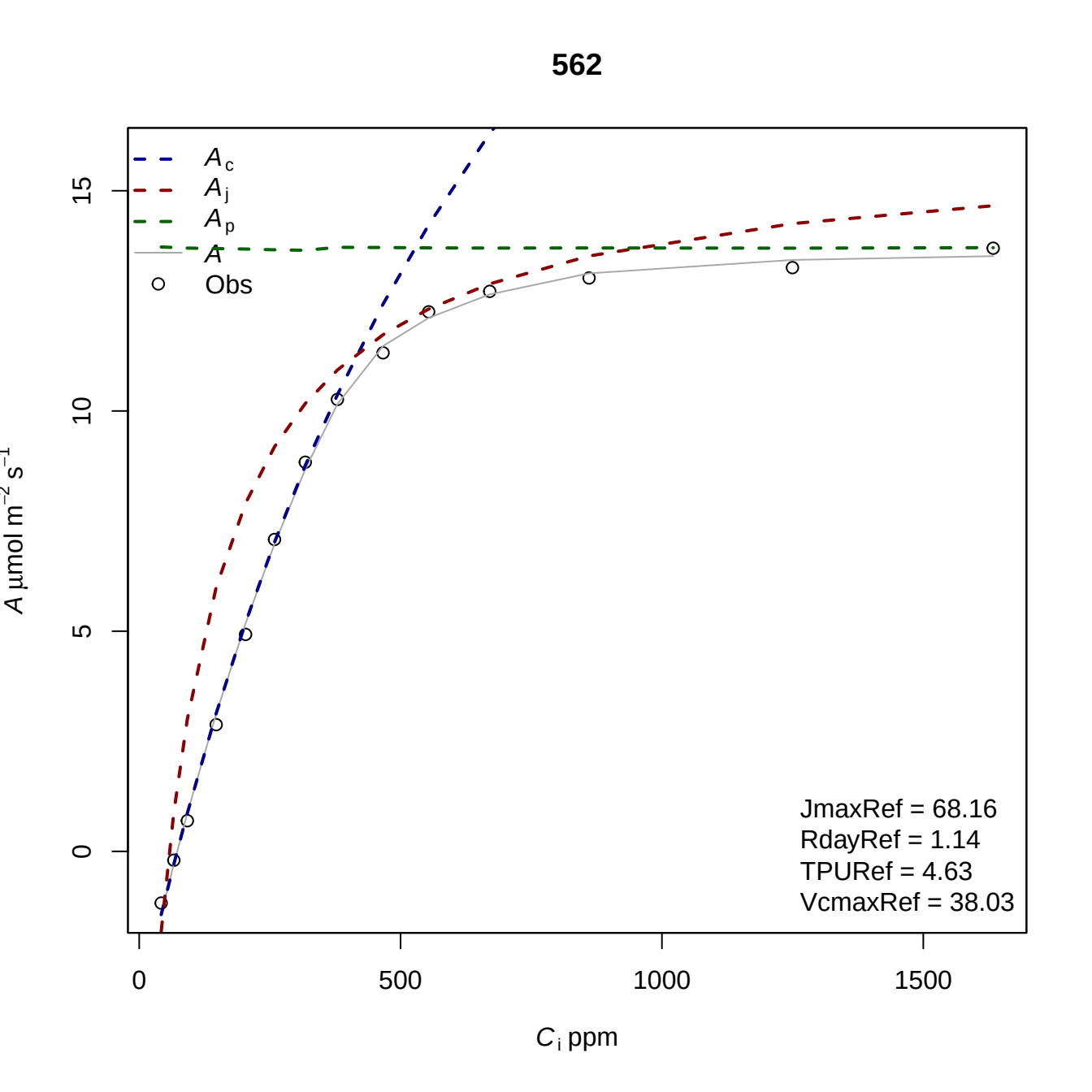

557
A_c
A_j
A_p
A
Obs
JmaxRef = 62.61
RdayRef = 0.56
TPURef = 3.87
VcmaxRef = 42.78
A µmol m^{-2} s^{-1}
0
5
10
0
500
1000
1500
C_i ppm

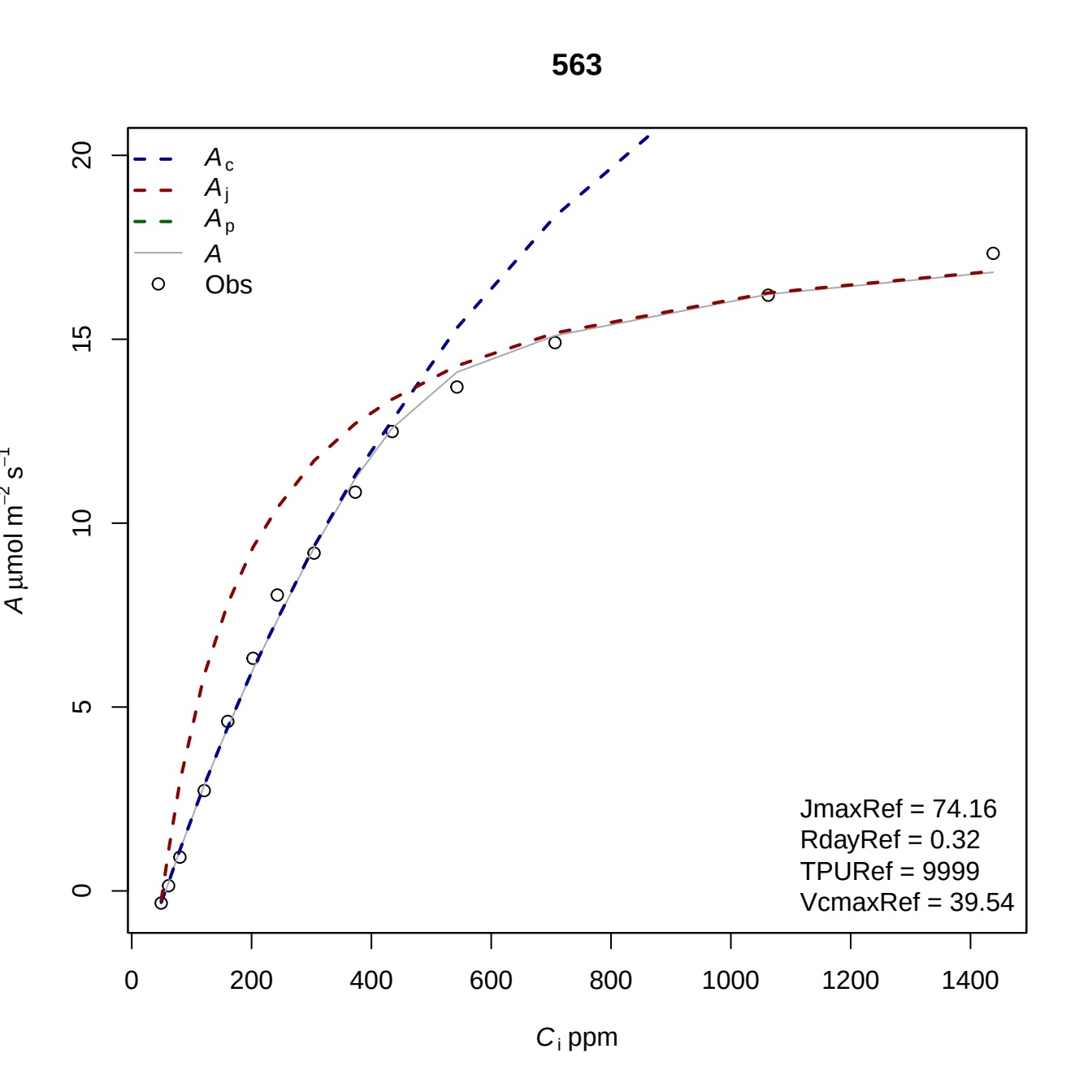

558
A_c
A_j
A_p
A
Obs
JmaxRef = 113.43
RdayRef = −9.11
TPURef = 6.62
VcmaxRef = 107.09
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
30
35
40
0
200
400
600
800
1000
1200
1400

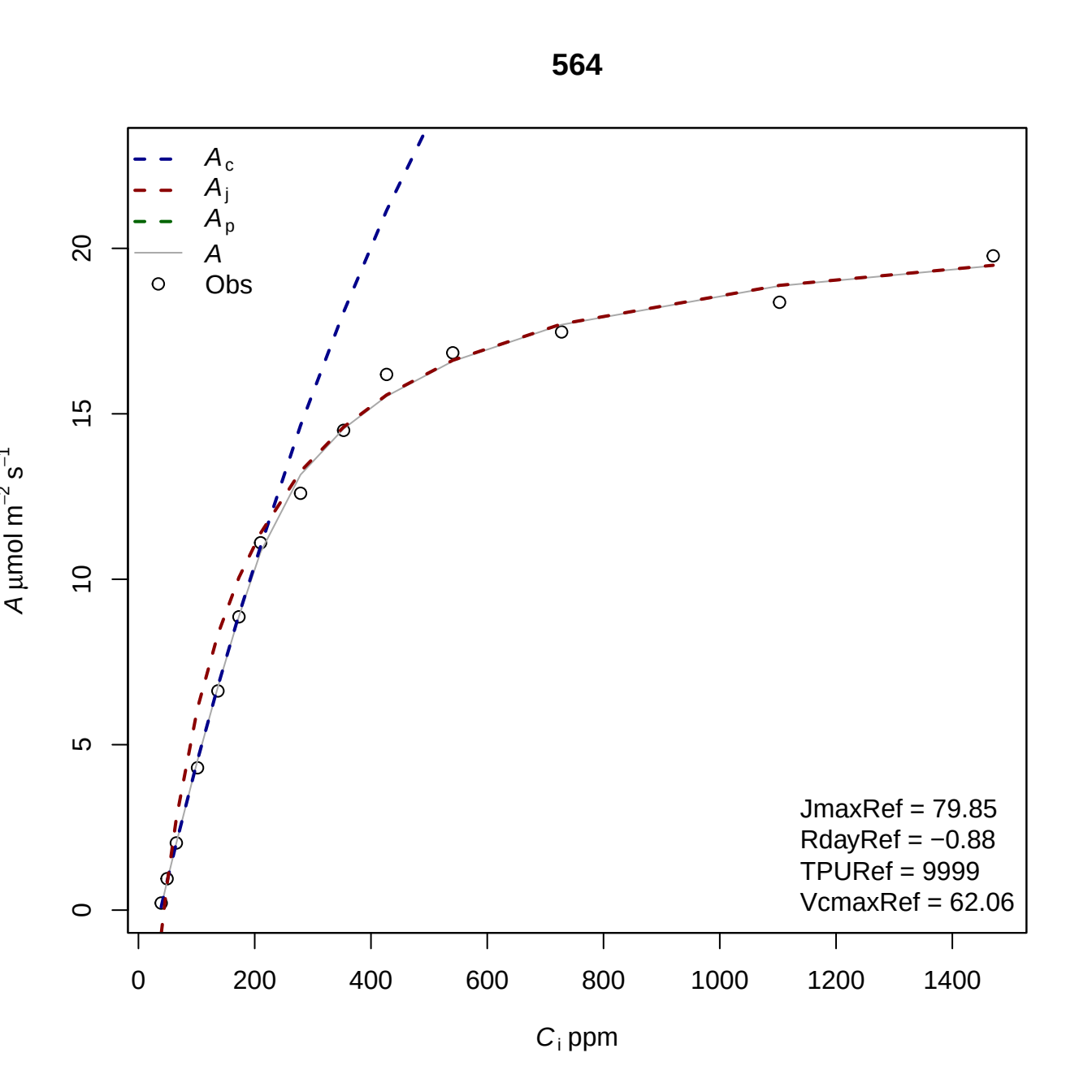

559
A_c
A_j
A_p
A
Obs
JmaxRef = 77.02
RdayRef = 1.03
TPURef = 4.42
VcmaxRef = 51.09
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

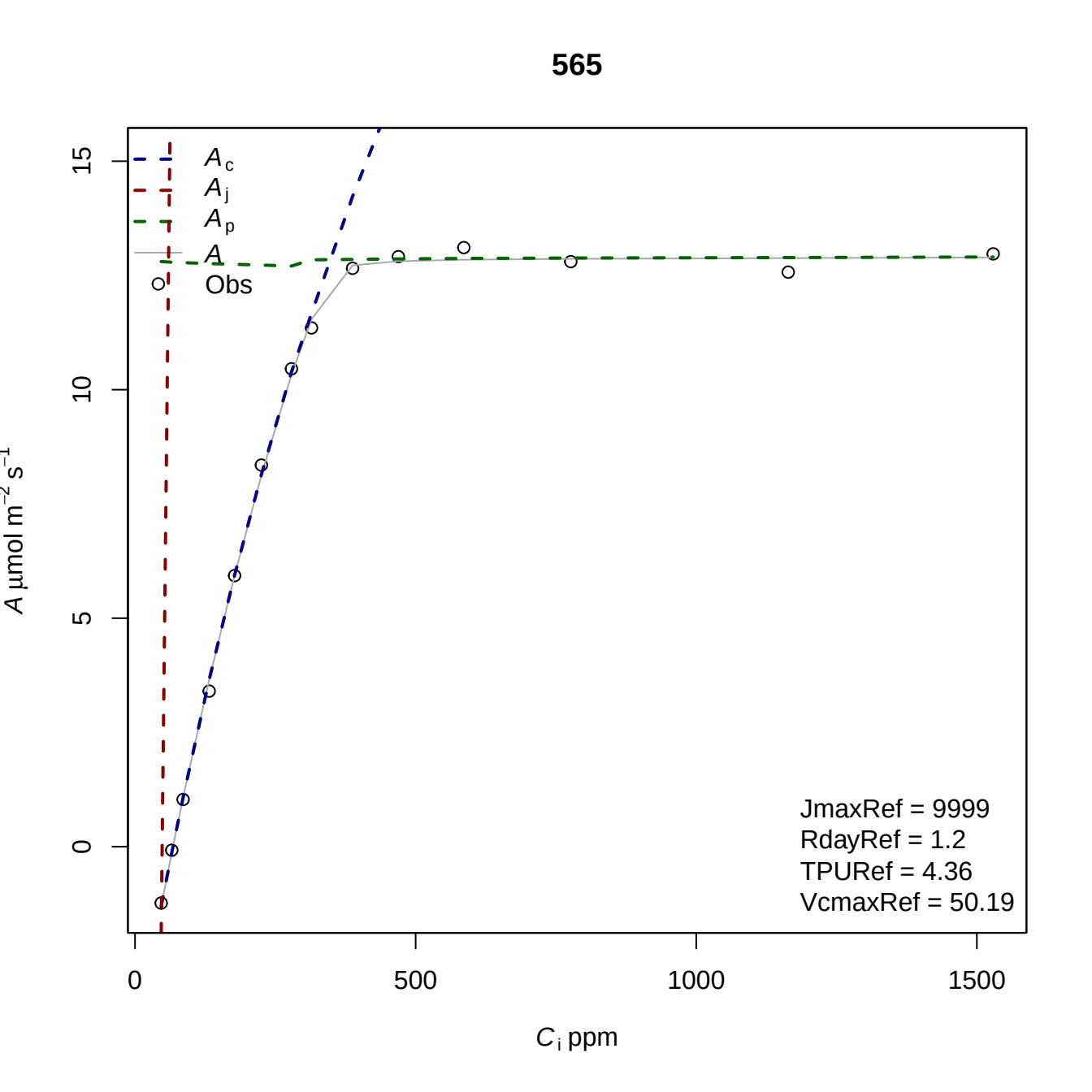

560
A_c
A_j
A_p
A
Obs
JmaxRef = 76.73
RdayRef = 0.79
TPURef = 5.11
VcmaxRef = 42.97
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

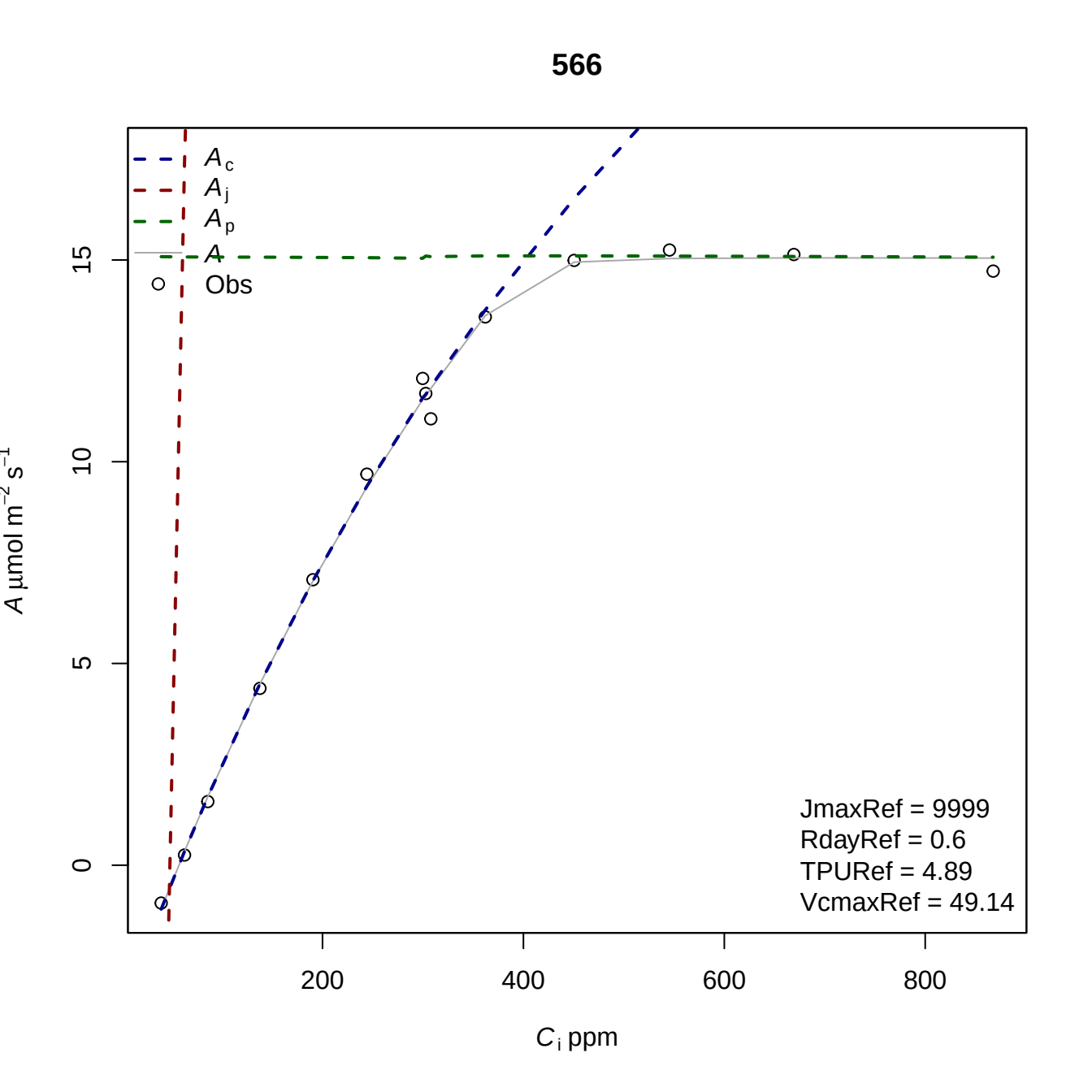

561
A_c
A_j
A_p
A
Obs
JmaxRef = 98.5
RdayRef = 1.35
TPURef = 6.3
VcmaxRef = 52.92
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200
1400

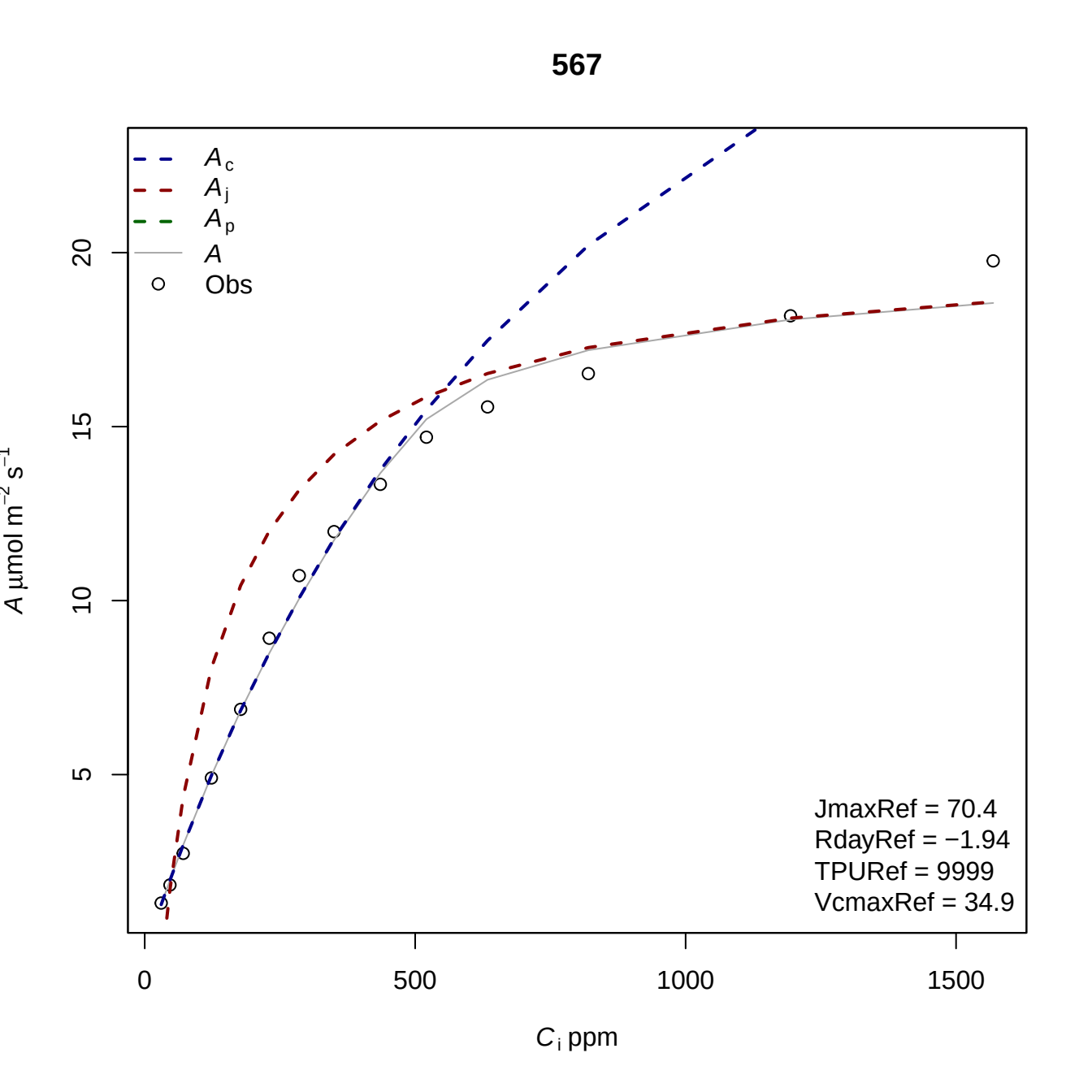

562
A_c
A_j
A_p
A
Obs
JmaxRef = 68.16
RdayRef = 1.14
TPURef = 4.63
VcmaxRef = 38.03
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

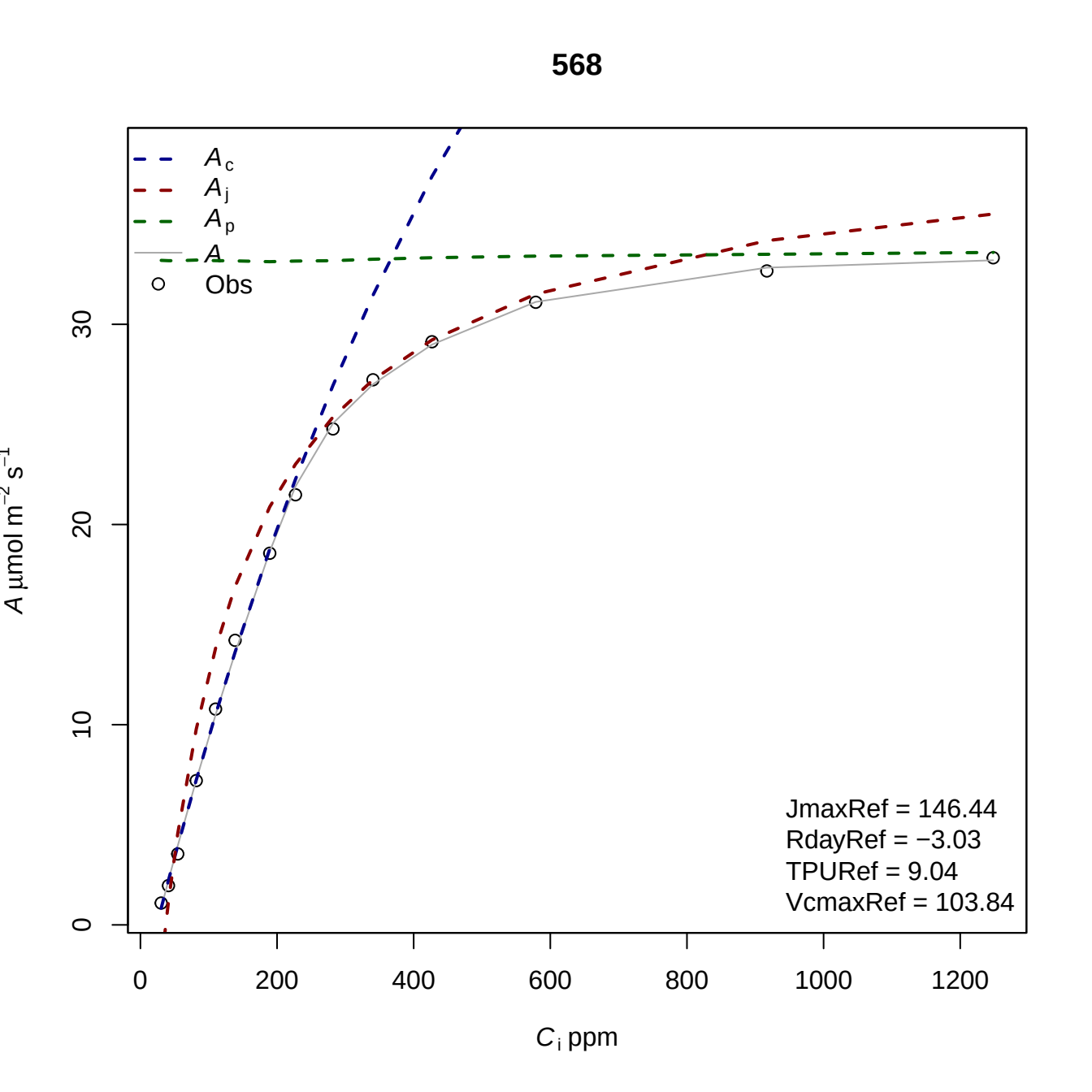

563
A_c
A_j
A_p
A
Obs
JmaxRef = 74.16
RdayRef = 0.32
TPURef = 9999
VcmaxRef = 39.54
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

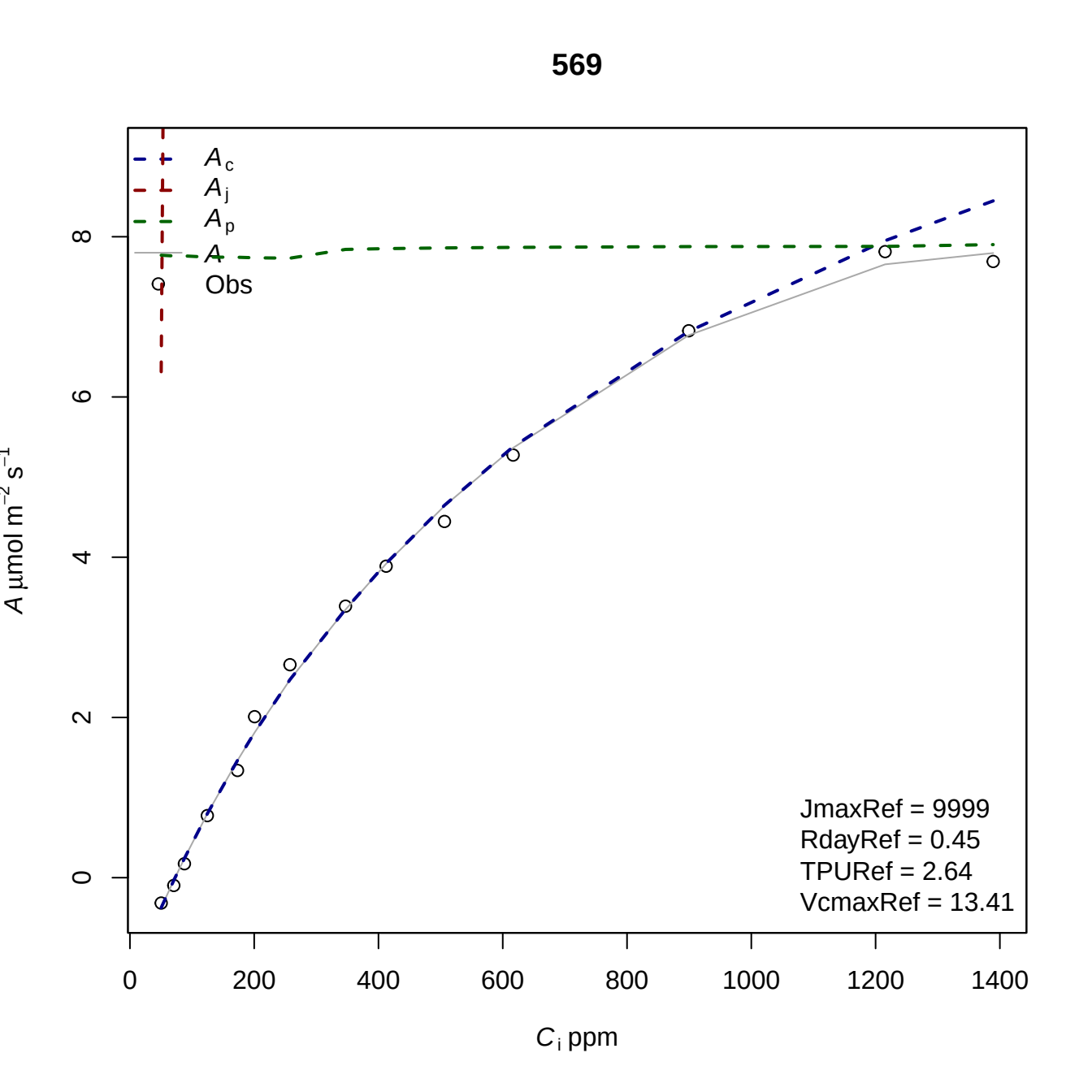

564
A_c
A_j
A_p
A
Obs
JmaxRef = 79.85
RdayRef = −0.88
TPURef = 9999
VcmaxRef = 62.06
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

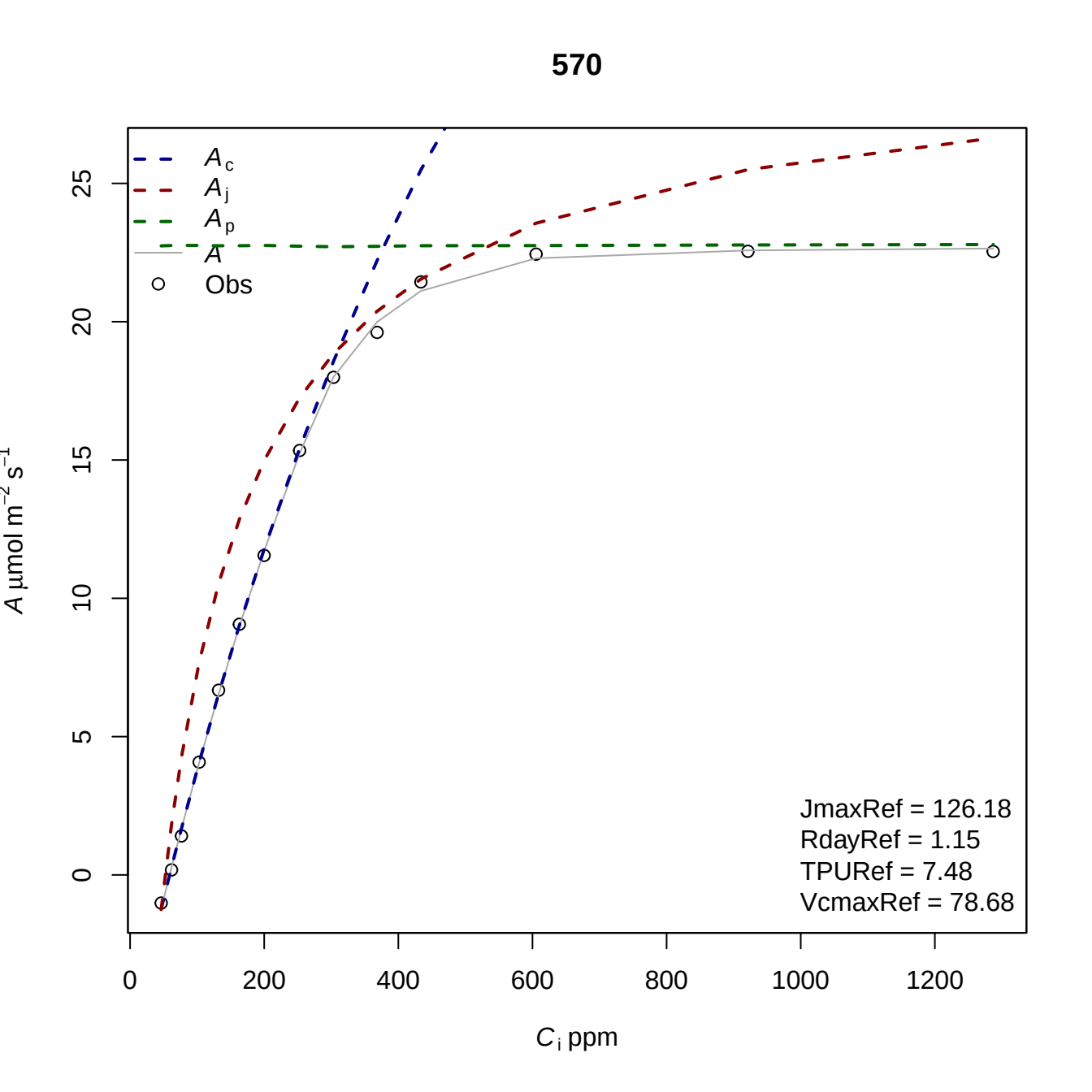

565
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.2
TPURef = 4.36
VcmaxRef = 50.19
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

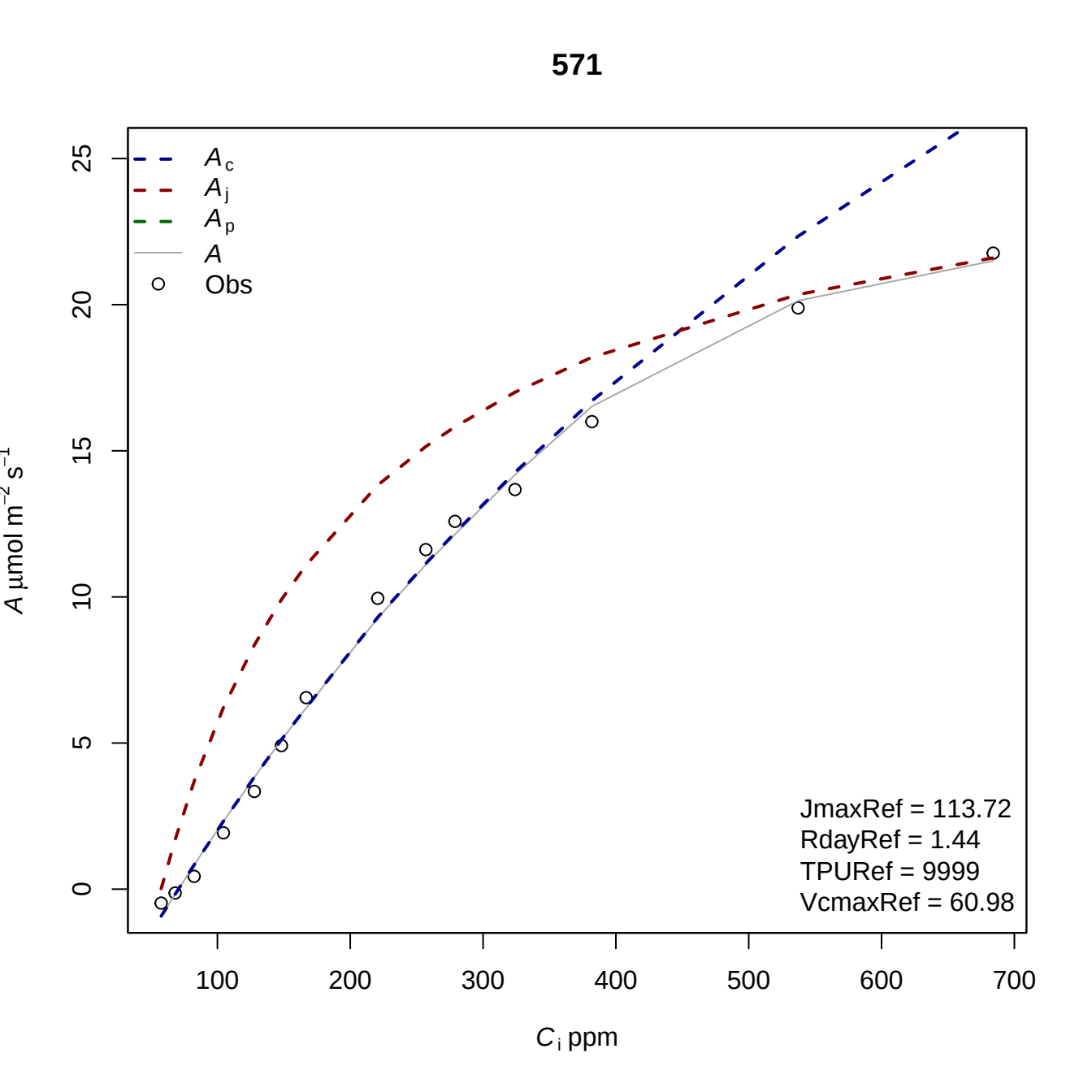

566
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.6
TPURef = 4.89
VcmaxRef = 49.14
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800

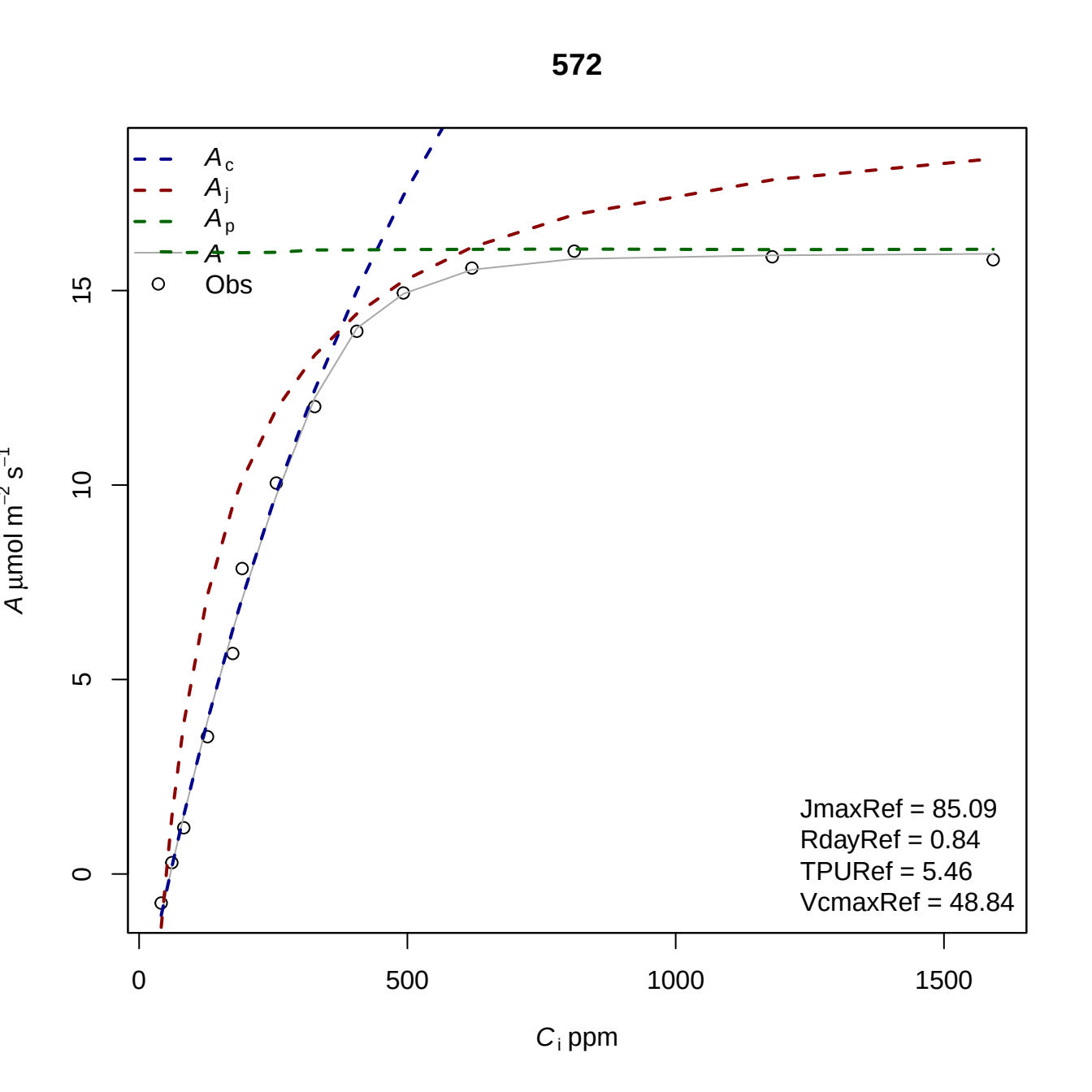

567
A_c
A_j
A_p
A
Obs
JmaxRef = 70.4
RdayRef = −1.94
TPURef = 9999
VcmaxRef = 34.9
A µmol m^{-2} s^{-1}
C_i ppm
0
500
1000
1500
5
10
15
20

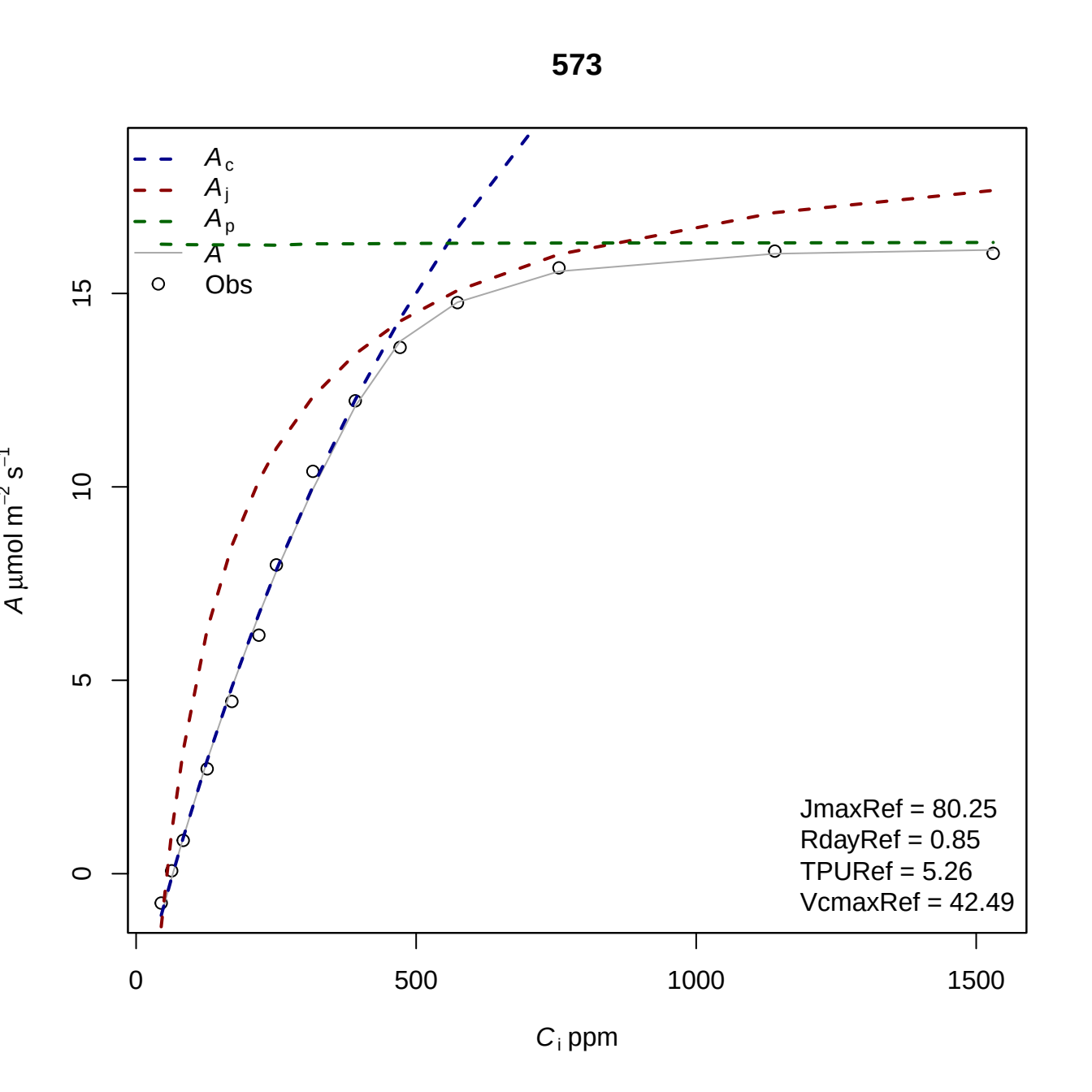

568
A_c
A_j
A_p
A
Obs
JmaxRef = 146.44
RdayRef = −3.03
TPURef = 9.04
VcmaxRef = 103.84
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
0
200
400
600
800
1000
1200

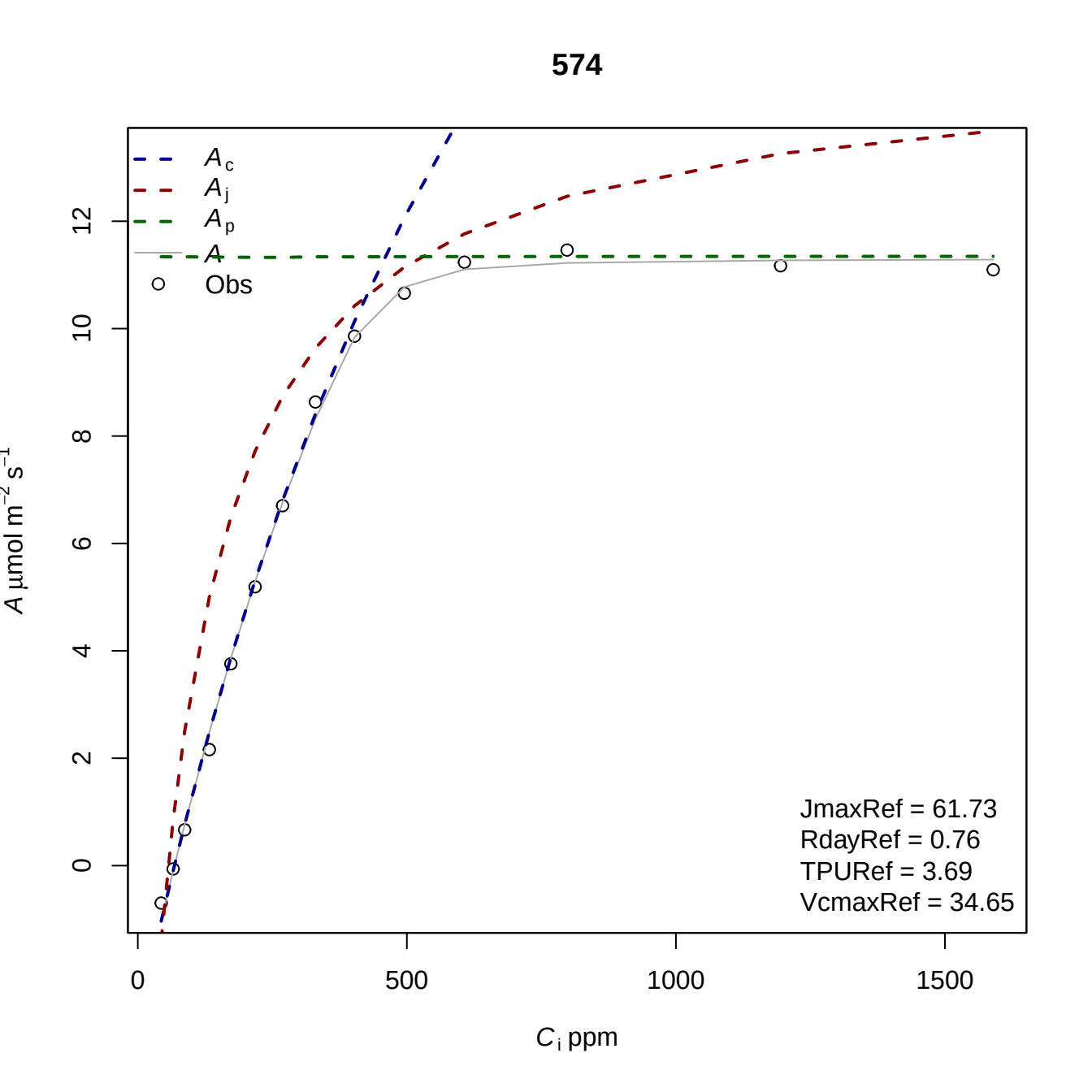

569
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.45
TPURef = 2.64
VcmaxRef = 13.41
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
0
200
400
600
800
1000
1200
1400

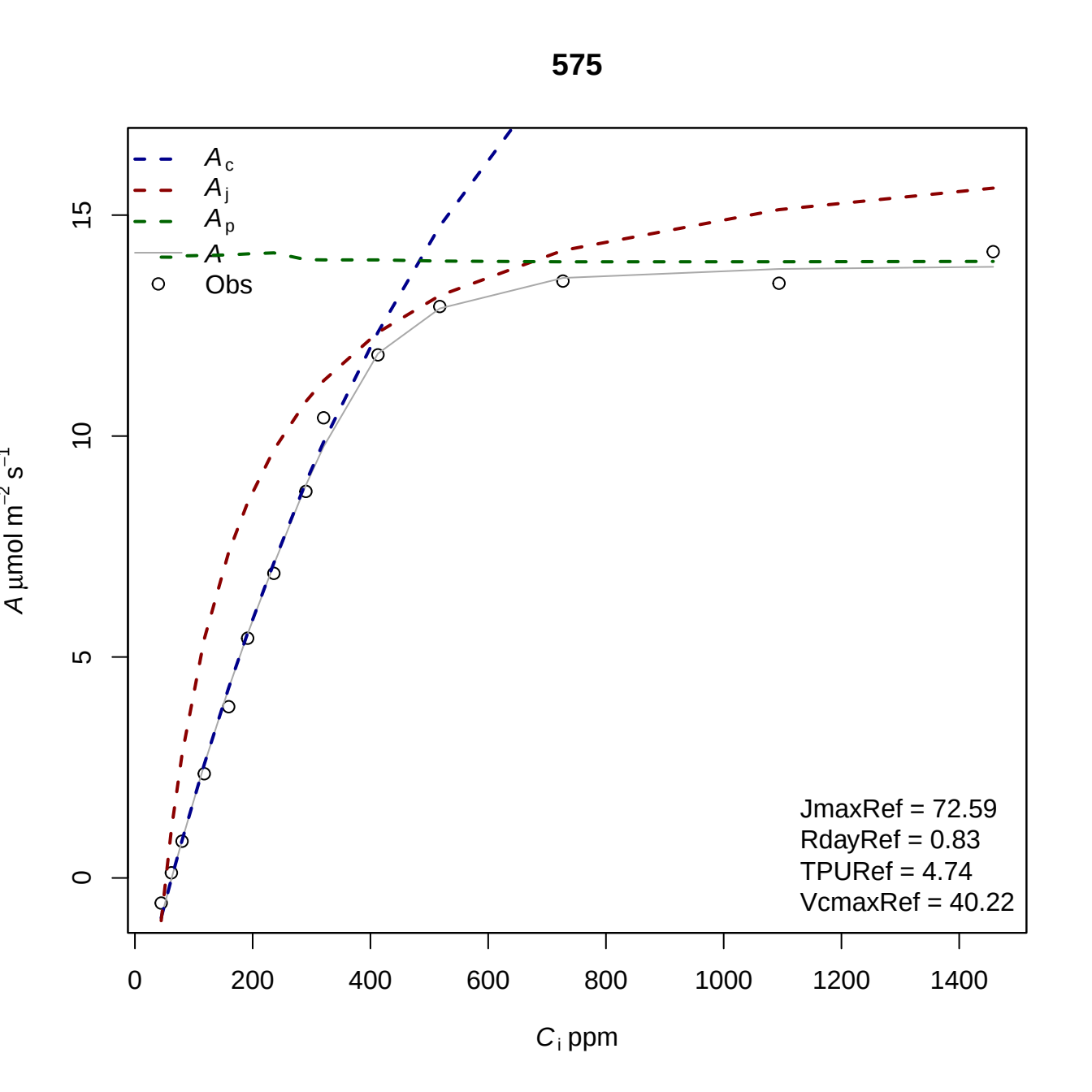

570
A_c
A_j
A_p
A
Obs
JmaxRef = 126.18
RdayRef = 1.15
TPURef = 7.48
VcmaxRef = 78.68
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

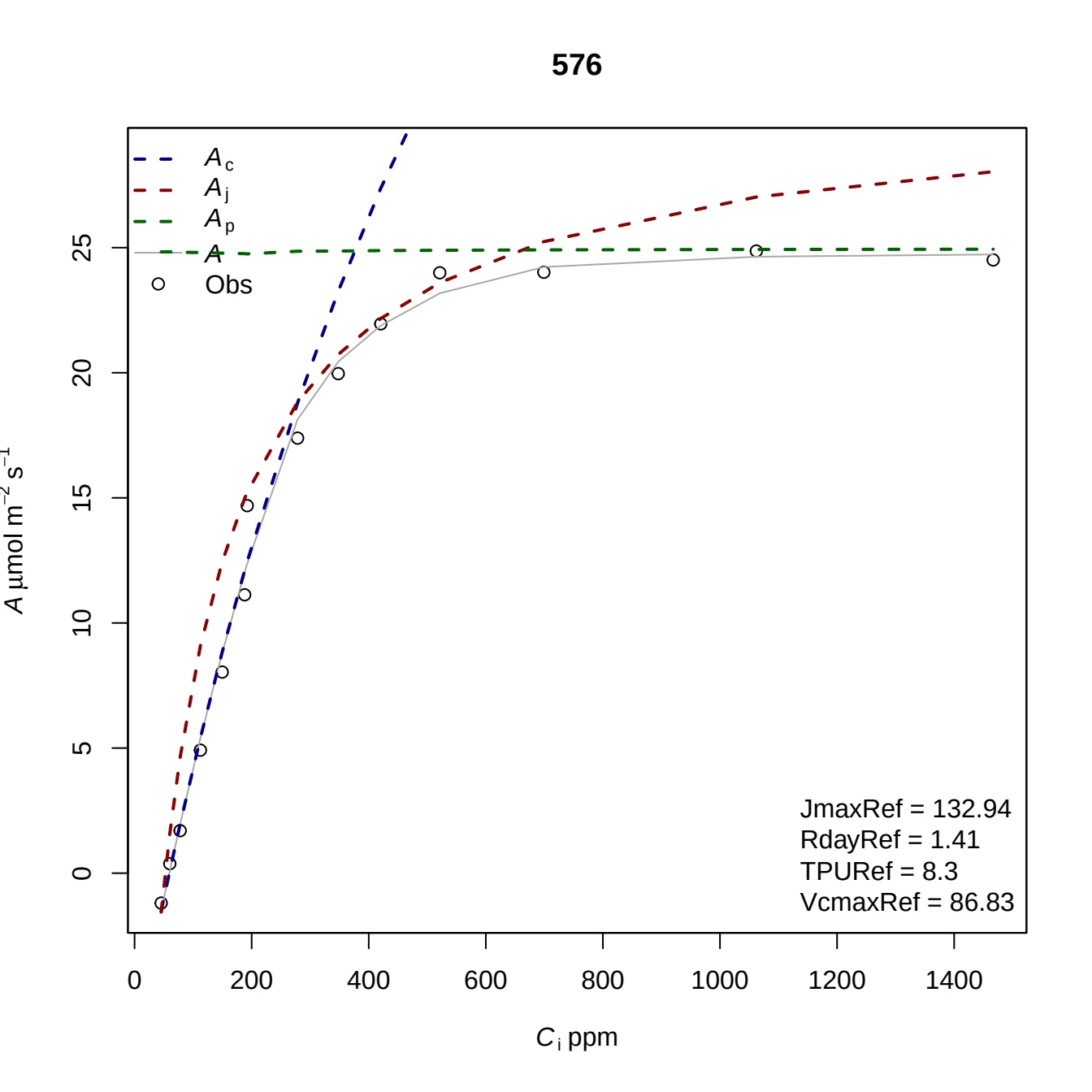

571
A_c
A_j
A_p
A
Obs
JmaxRef = 113.72
RdayRef = 1.44
TPURef = 9999
VcmaxRef = 60.98
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
100
200
300
400
500
600
700

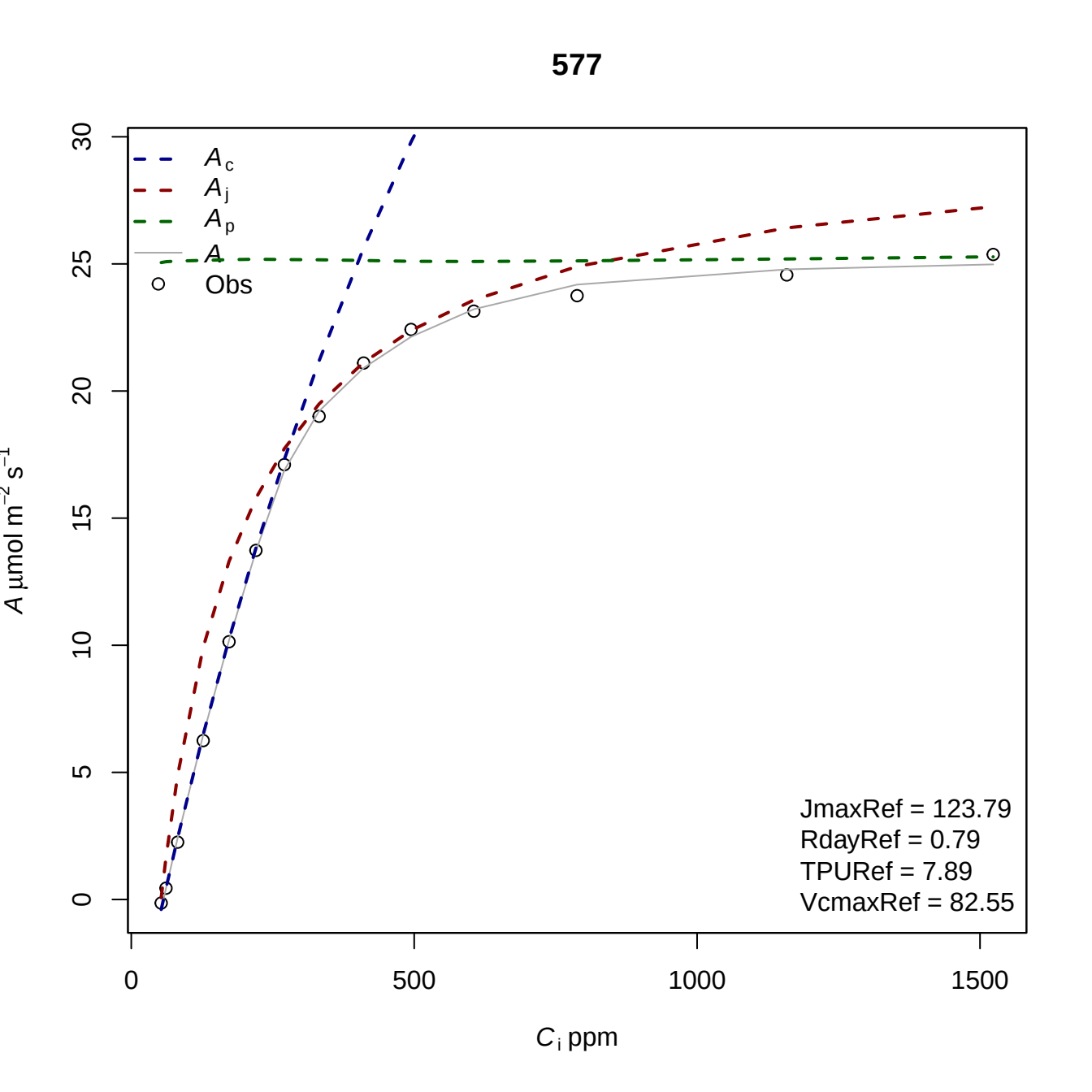

572
A_c
A_j
A_p
A
Obs
JmaxRef = 85.09
RdayRef = 0.84
TPURef = 5.46
VcmaxRef = 48.84
A µmol m^{-2} s^{-1}
0
5
10
15
0
500
1000
1500
C_i ppm

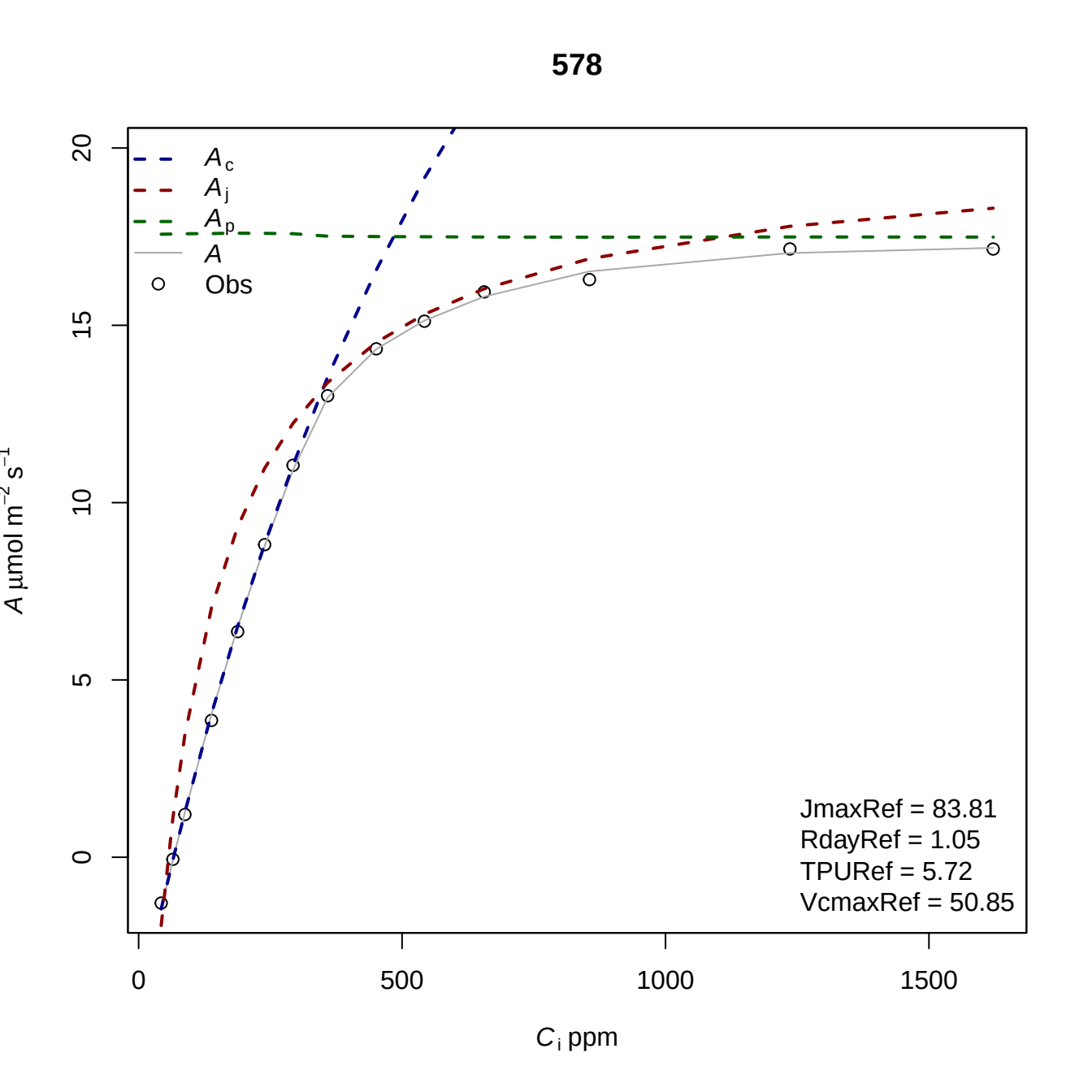

573
A_c
A_j
A_p
A
Obs
JmaxRef = 80.25
RdayRef = 0.85
TPURef = 5.26
VcmaxRef = 42.49
A µmol m^{-2} s^{-1}
0
5
10
15
0
500
1000
1500
C_i ppm

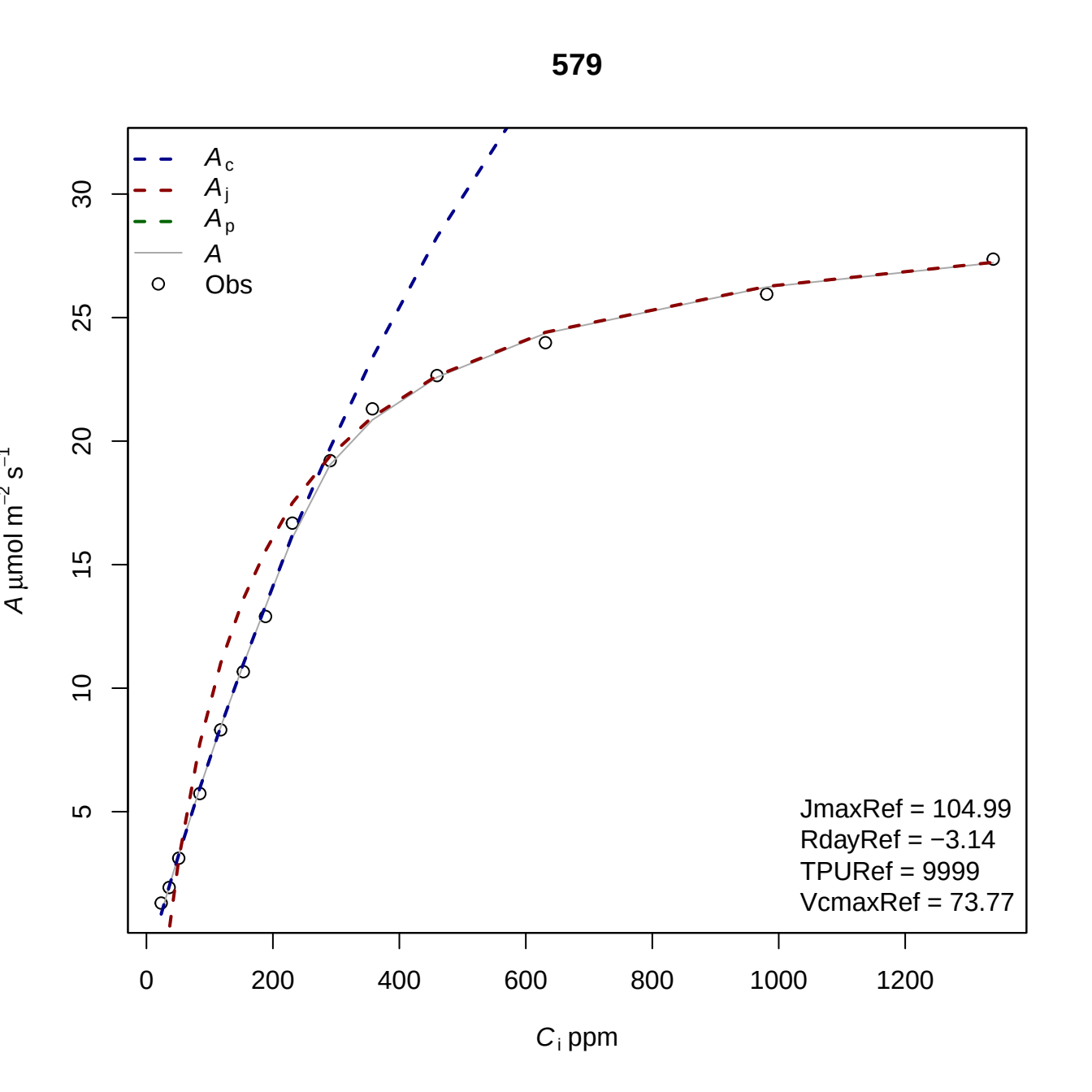

574
A_c
A_j
A_p
A
Obs
JmaxRef = 61.73
RdayRef = 0.76
TPURef = 3.69
VcmaxRef = 34.65
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
0
500
1000
1500

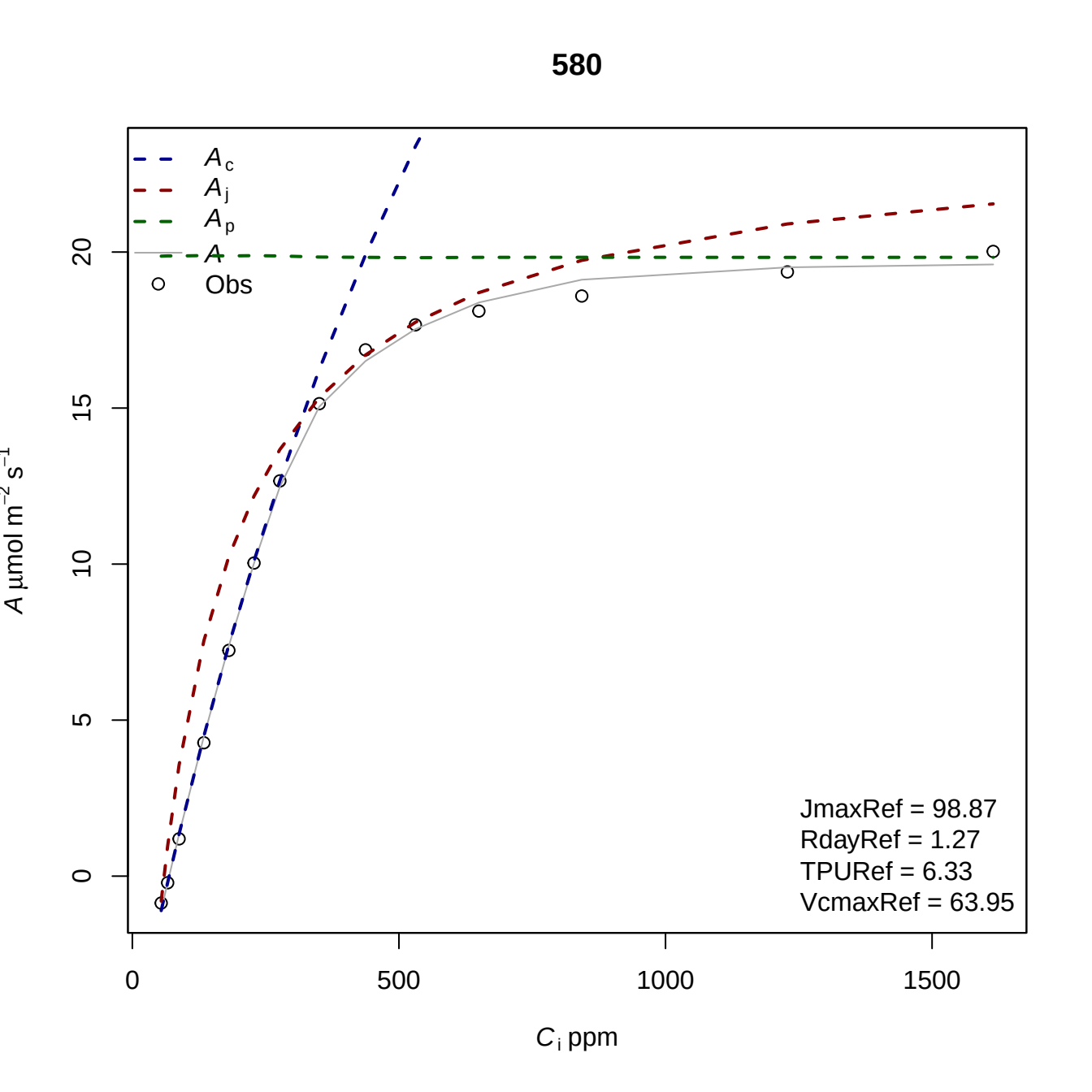

575
A_c
A_j
A_p
A
Obs
JmaxRef = 72.59
RdayRef = 0.83
TPURef = 4.74
VcmaxRef = 40.22
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

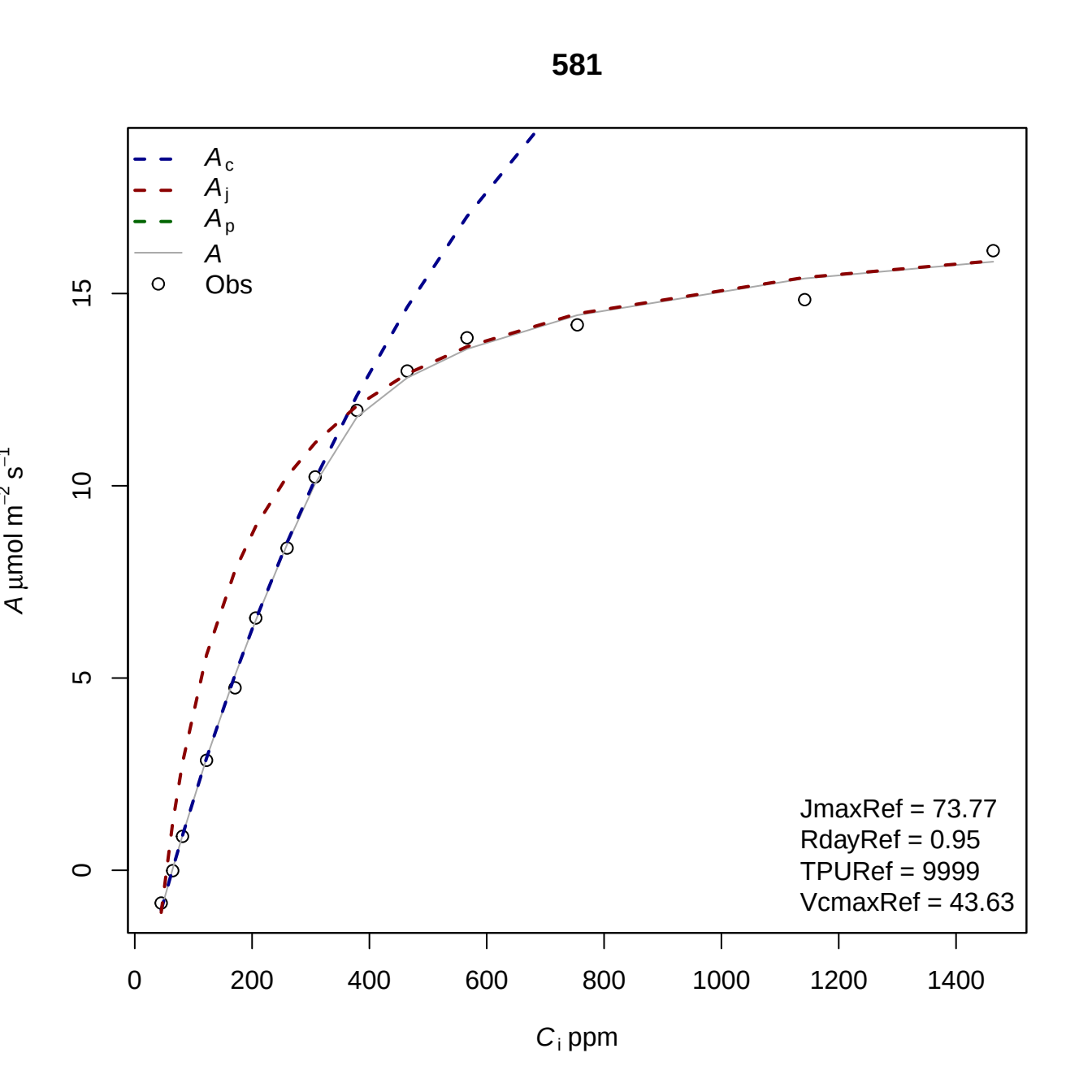

576
A_c
A_j
A_p
A
Obs
JmaxRef = 132.94
RdayRef = 1.41
TPURef = 8.3
VcmaxRef = 86.83
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

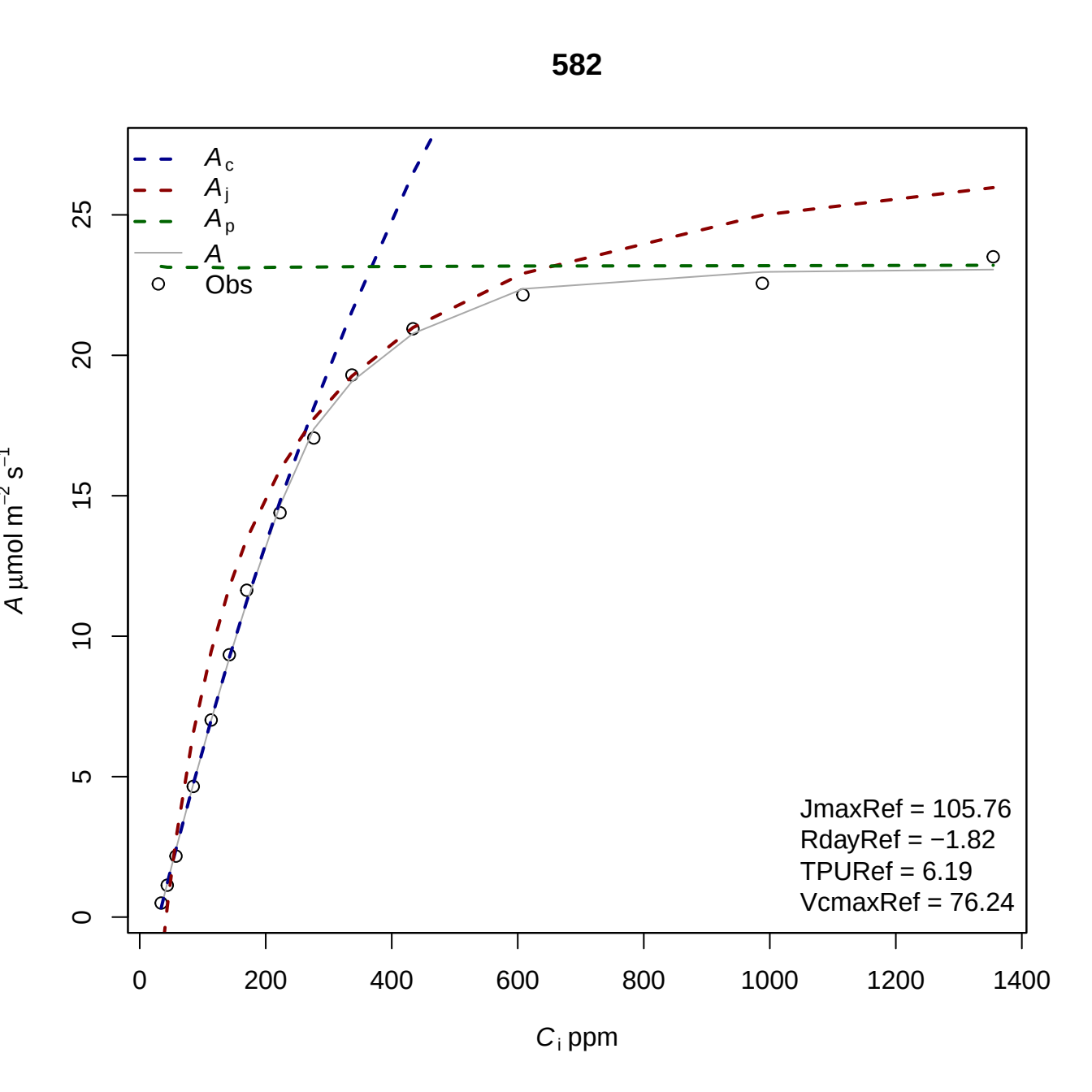

577
A_c
A_j
A_p
A
Obs
JmaxRef = 123.79
RdayRef = 0.79
TPURef = 7.89
VcmaxRef = 82.55
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

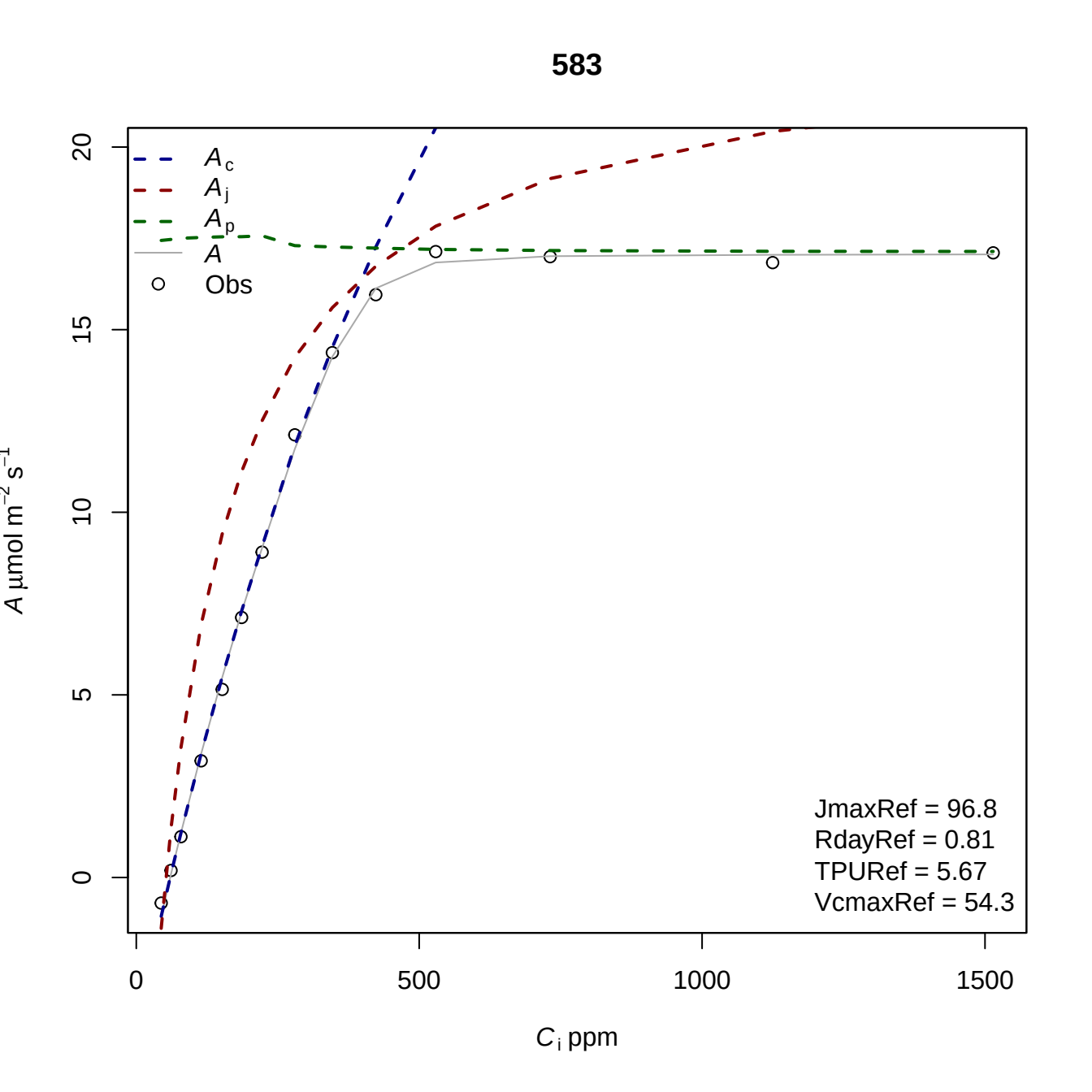

578
A_c
A_j
A_p
A
Obs
JmaxRef = 83.81
RdayRef = 1.05
TPURef = 5.72
VcmaxRef = 50.85
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

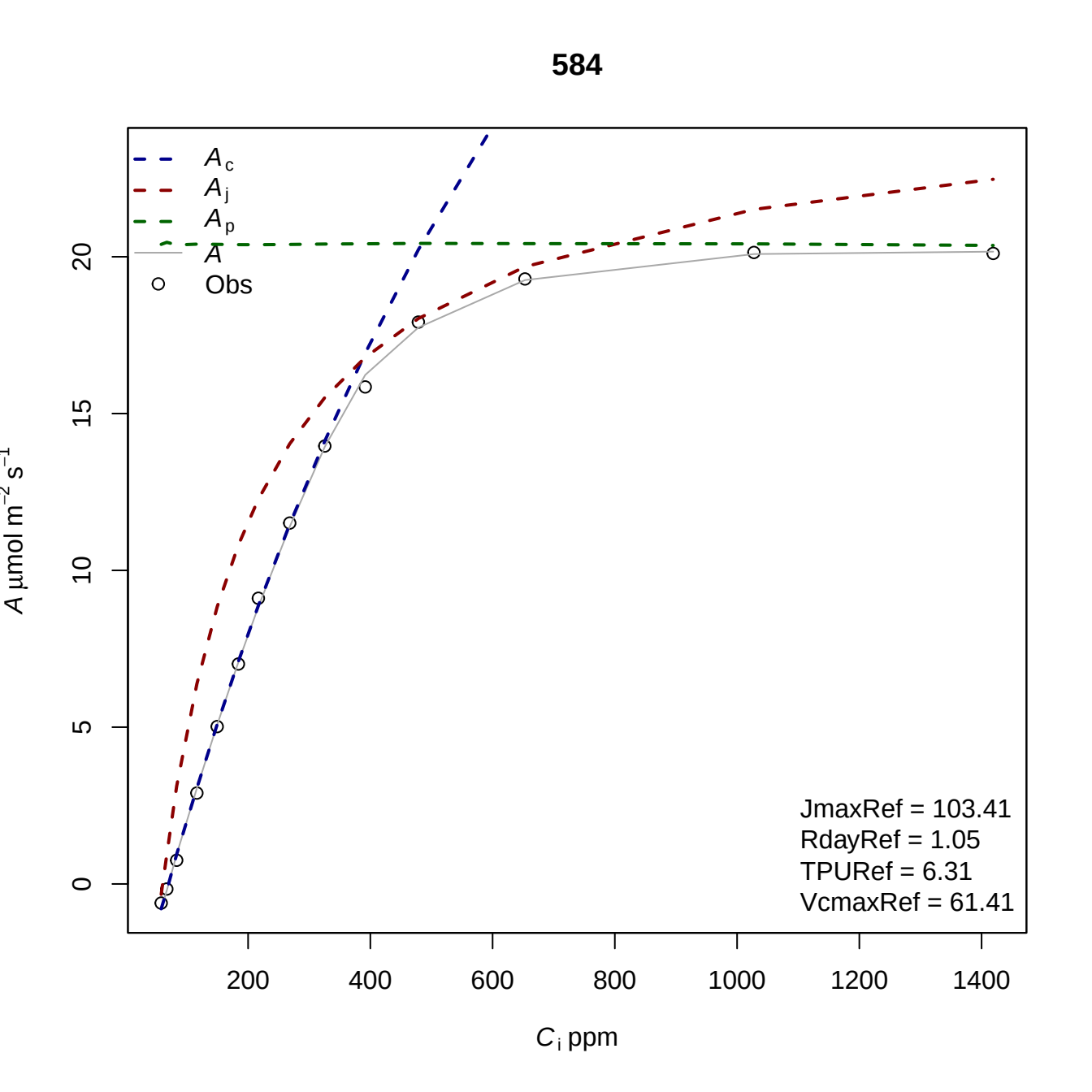

579
A_c
A_j
A_p
A
Obs
JmaxRef = 104.99
RdayRef = −3.14
TPURef = 9999
VcmaxRef = 73.77
A µmol m^{-2} s^{-1}
C_i ppm
0
200
400
600
800
1000
1200
5
10
15
20
25
30

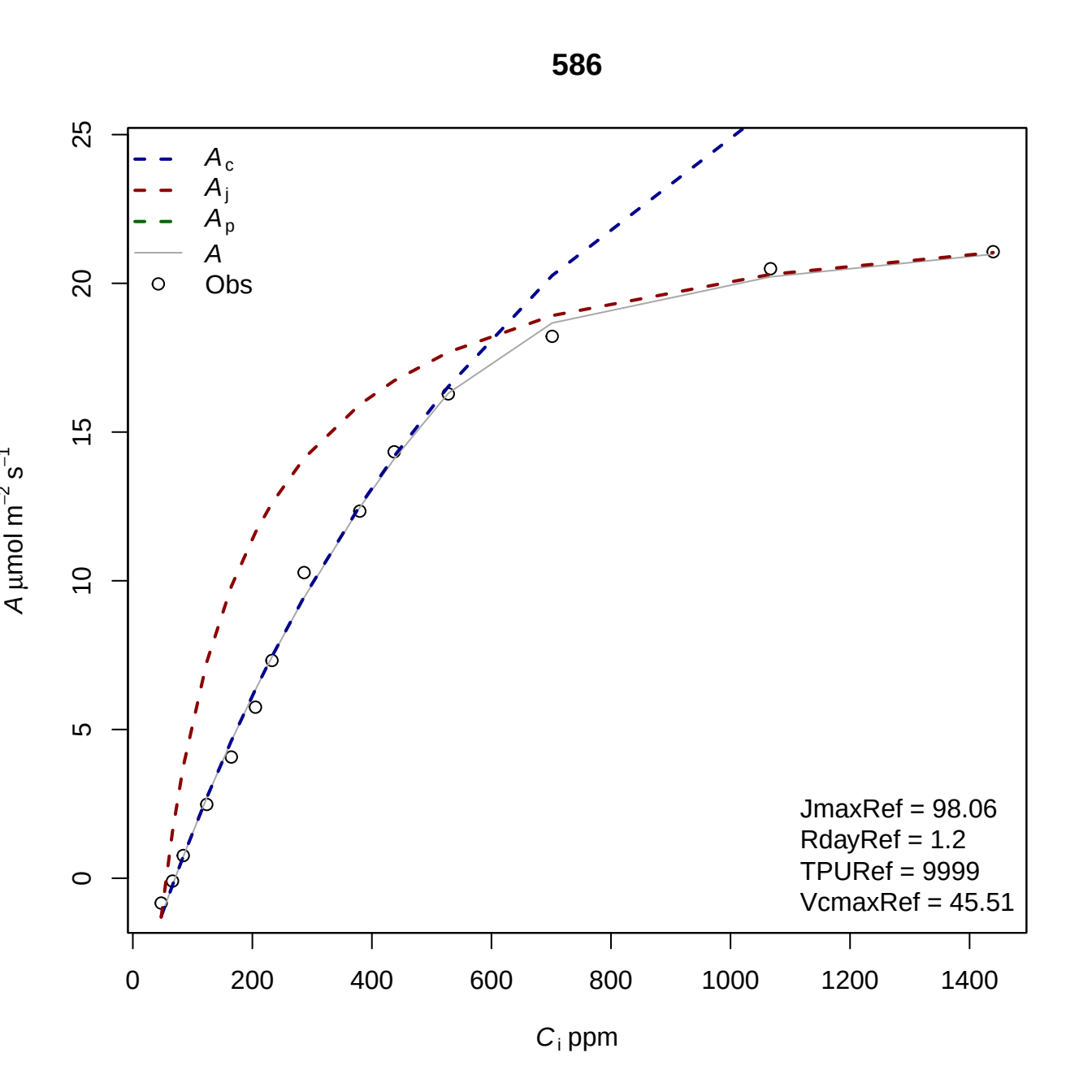

580
A_c
A_j
A_p
A
Obs
JmaxRef = 98.87
RdayRef = 1.27
TPURef = 6.33
VcmaxRef = 63.95
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

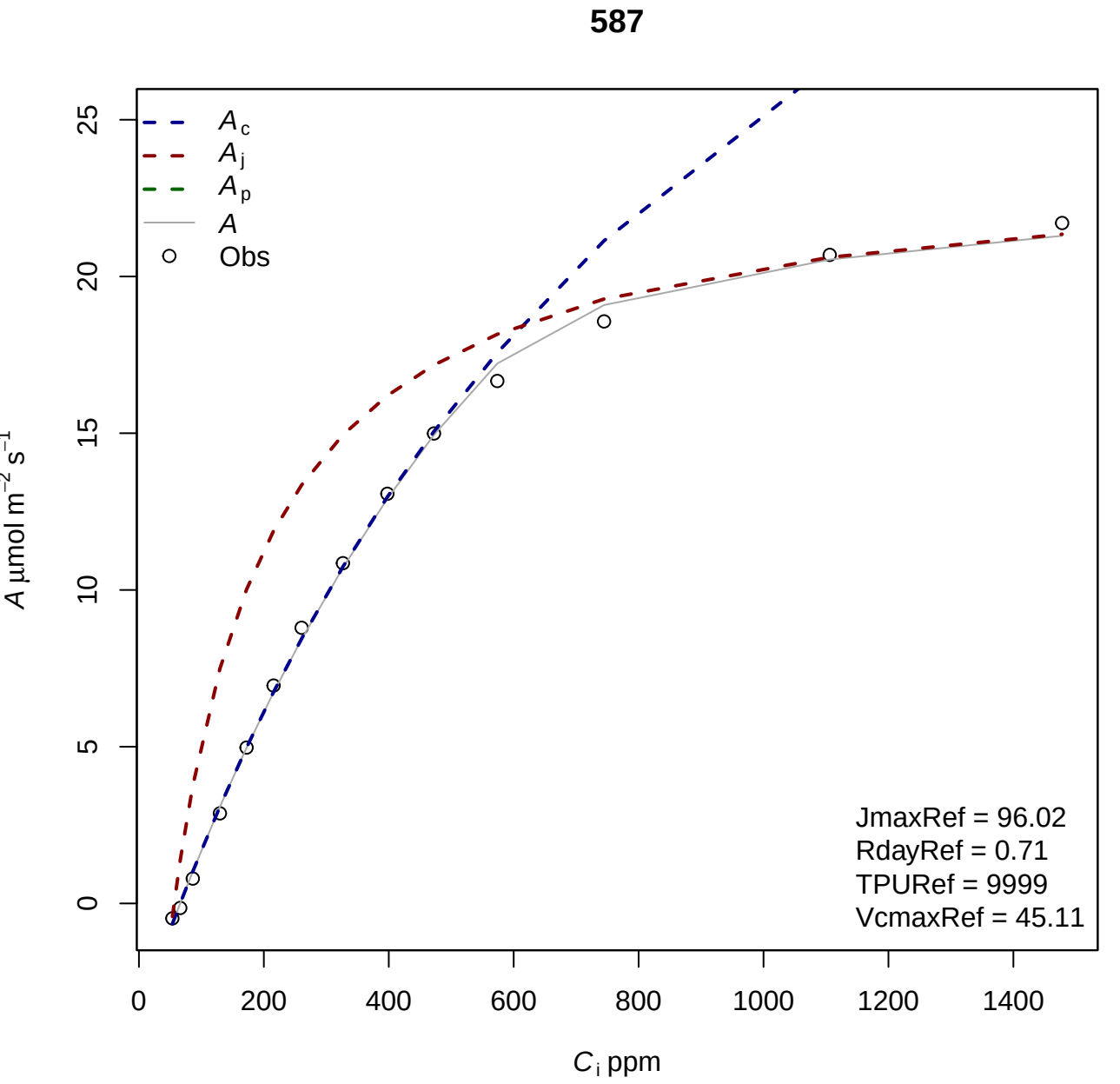

581
A_c
A_j
A_p
A
Obs
JmaxRef = 73.77
RdayRef = 0.95
TPURef = 9999
VcmaxRef = 43.63
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

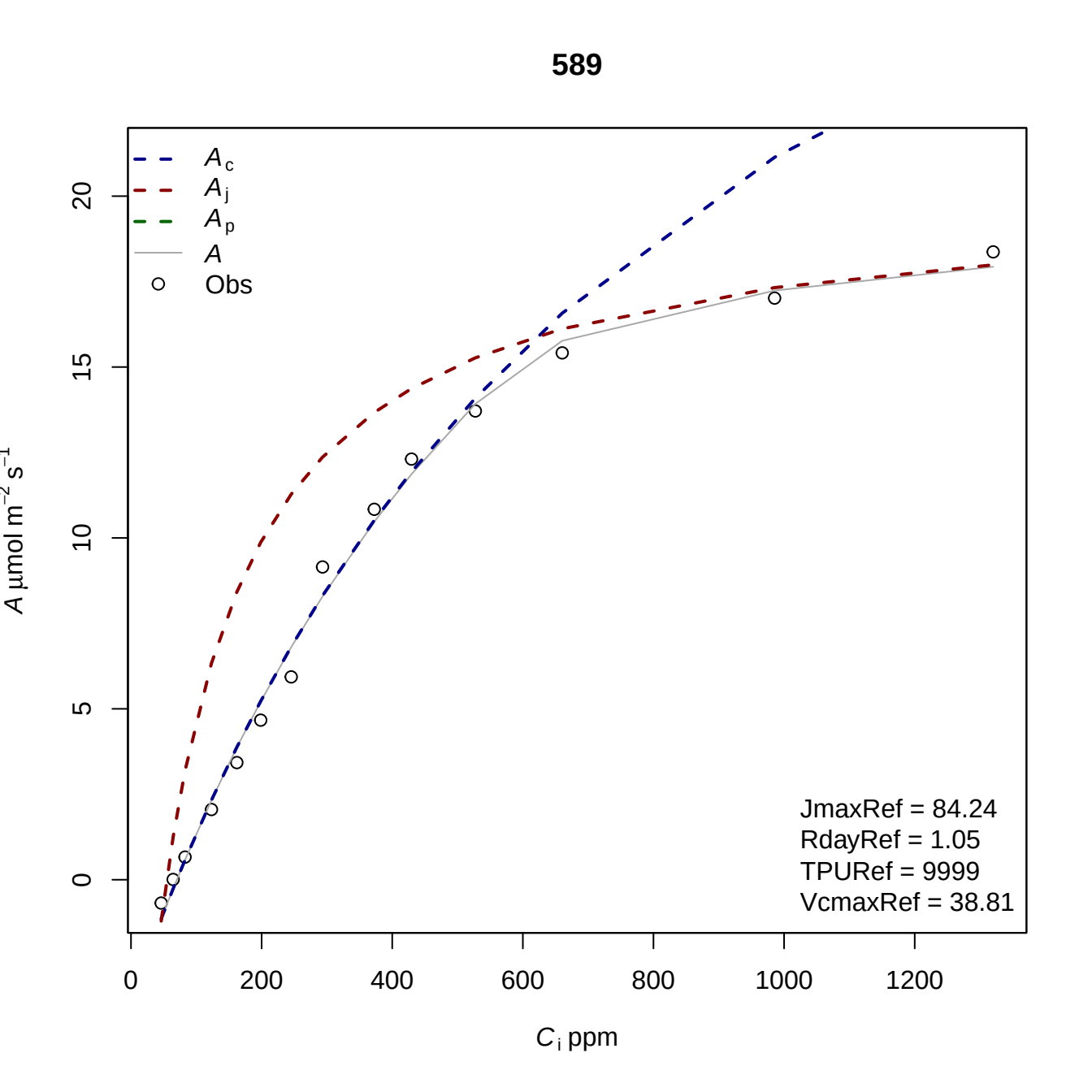

582
A_c
A_j
A_p
A
Obs
JmaxRef = 105.76
RdayRef = −1.82
TPURef = 6.19
VcmaxRef = 76.24
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

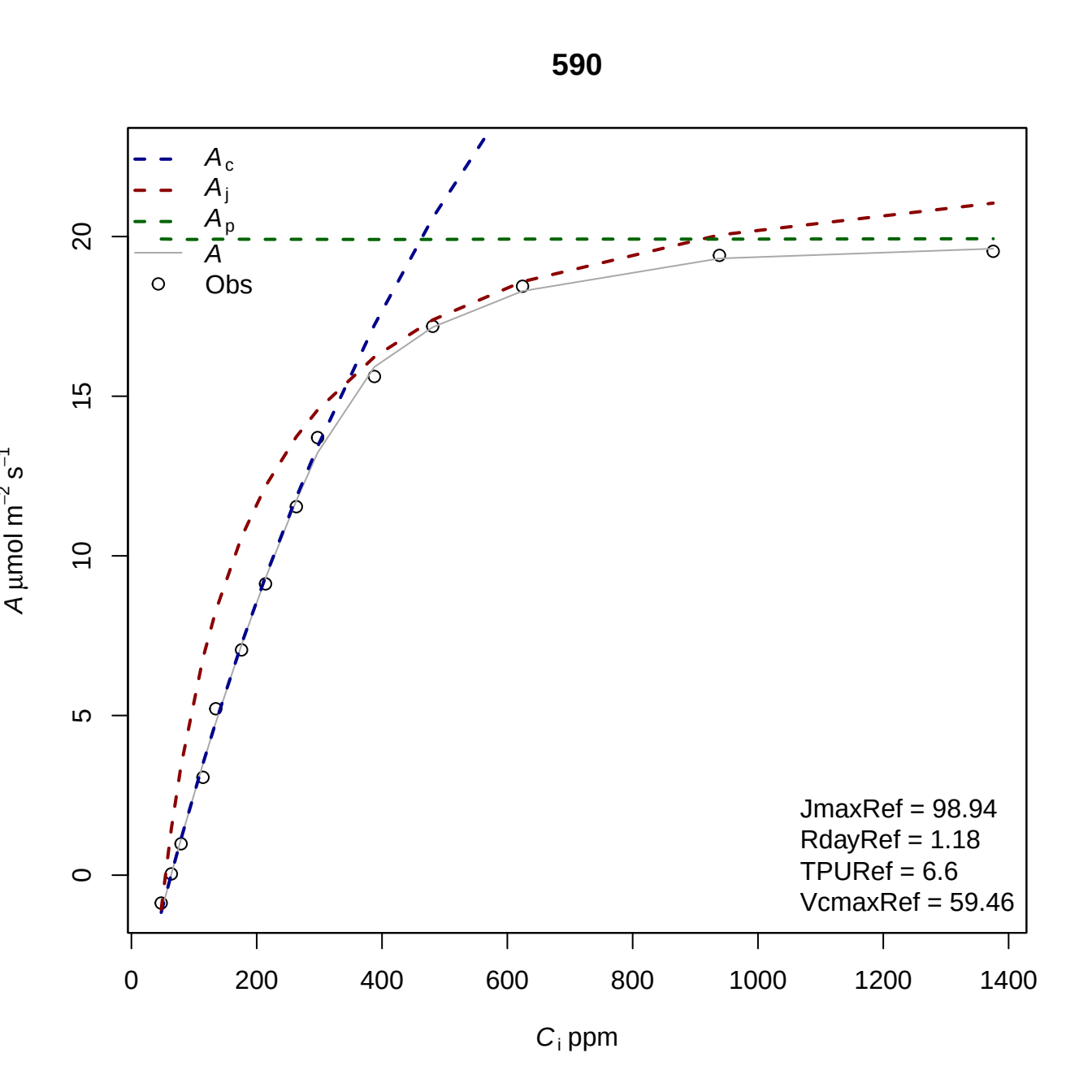

583
A_c
A_j
A_p
A
Obs
JmaxRef = 96.8
RdayRef = 0.81
TPURef = 5.67
VcmaxRef = 54.3
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

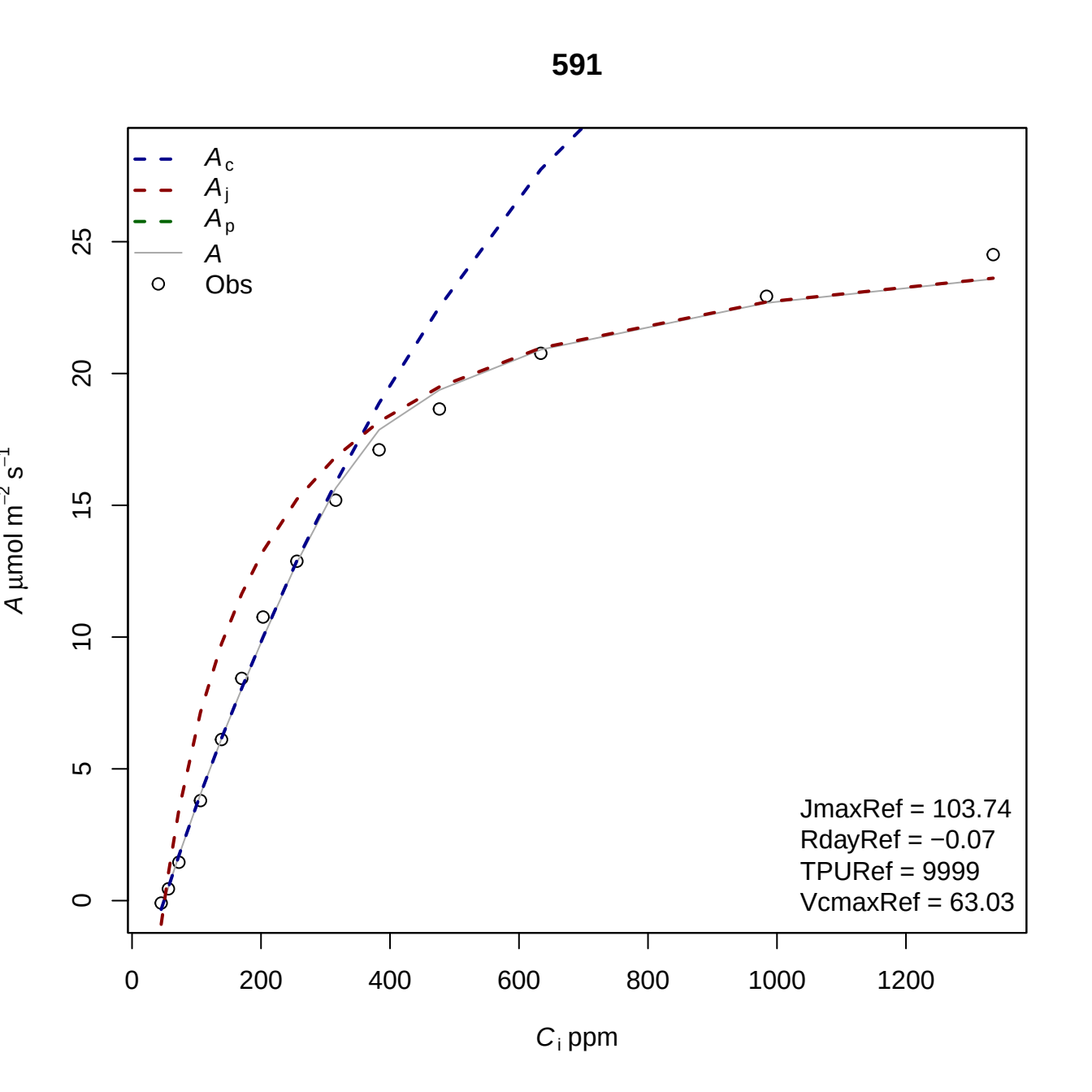

584
A_c
A_j
A_p
A
Obs
JmaxRef = 103.41
RdayRef = 1.05
TPURef = 6.31
VcmaxRef = 61.41
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200
1400

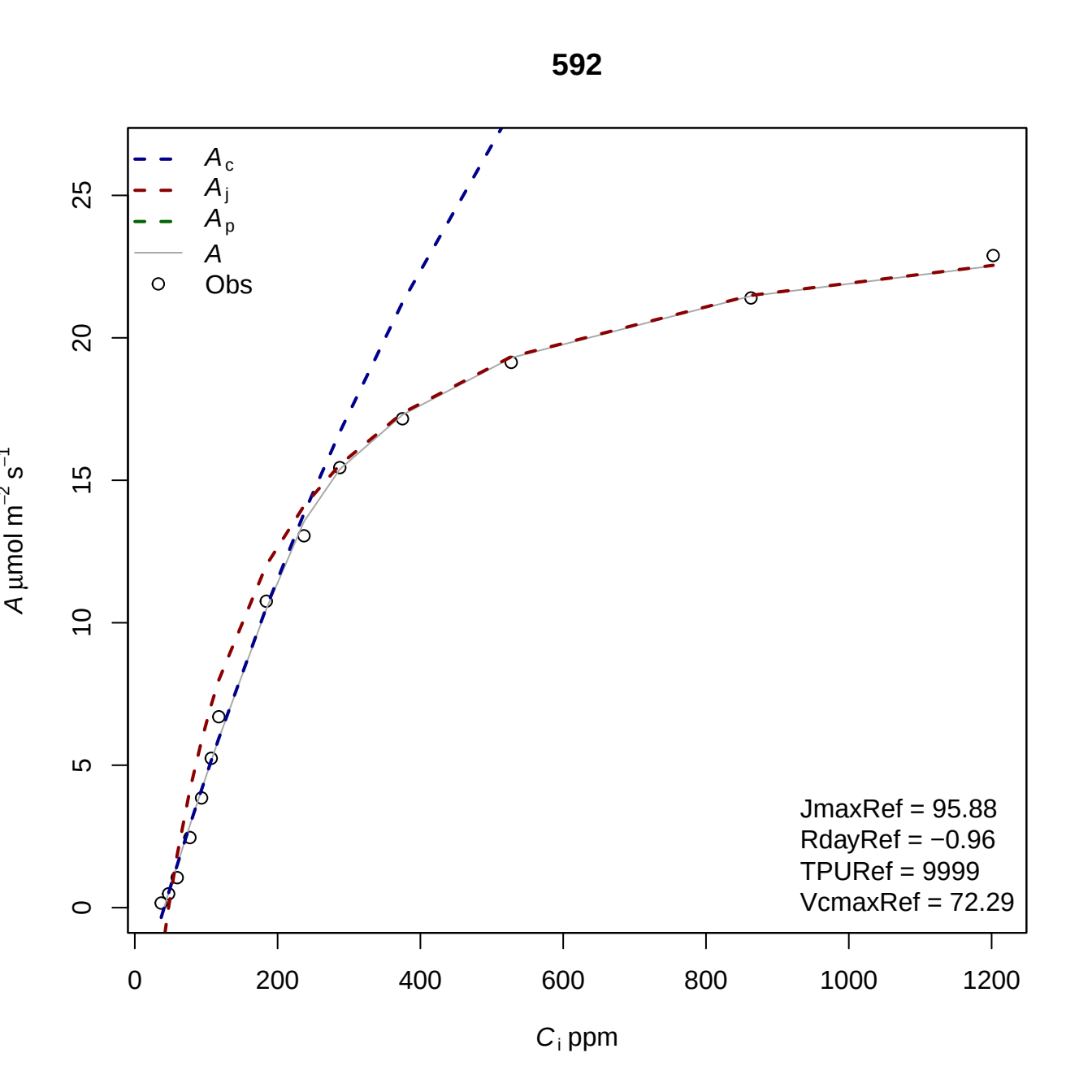

586
A_c
A_j
A_p
A
Obs
JmaxRef = 98.06
RdayRef = 1.2
TPURef = 9999
VcmaxRef = 45.51
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

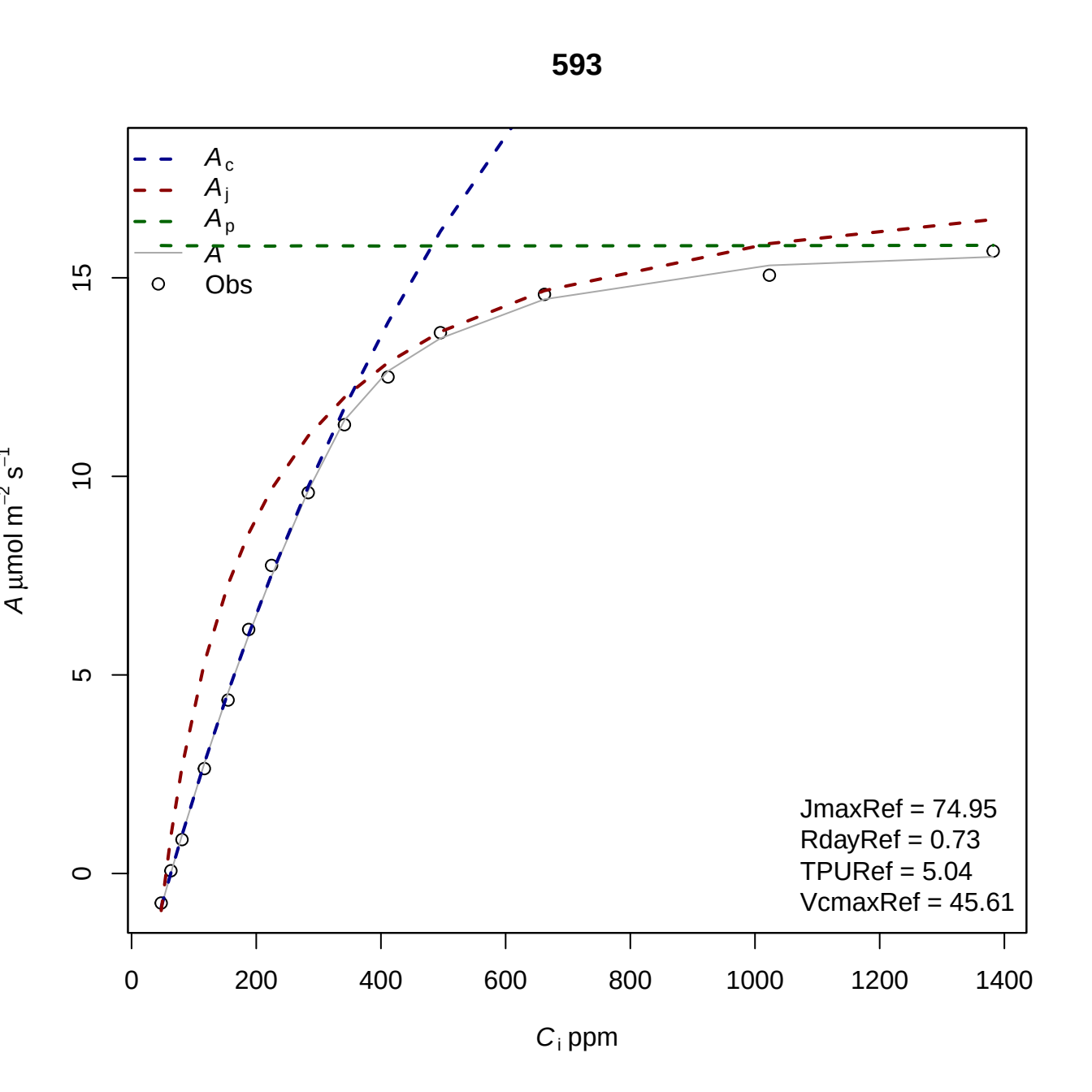

587
A_c
A_j
A_p
A
Obs
JmaxRef = 96.02
RdayRef = 0.71
TPURef = 9999
VcmaxRef = 45.11
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

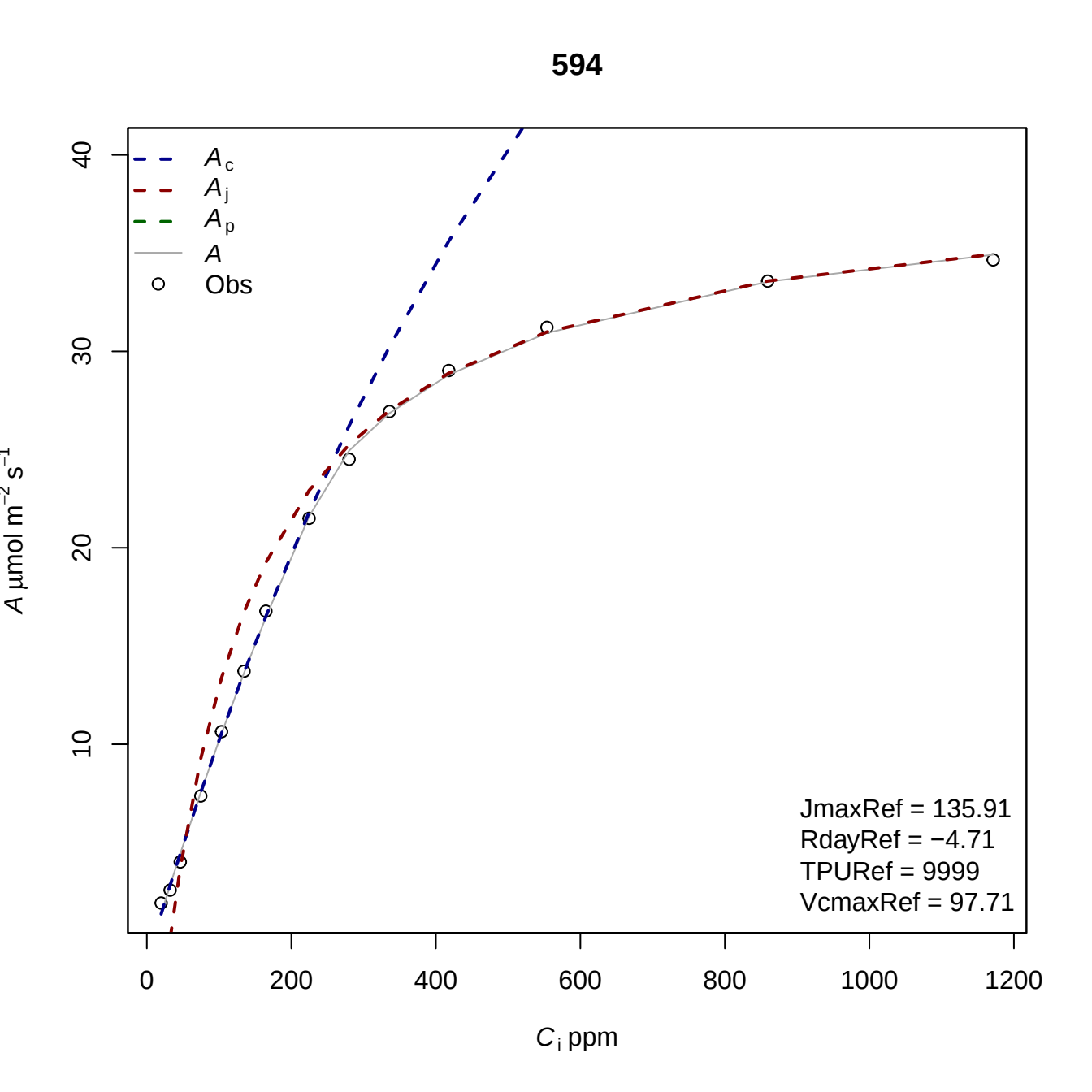

589
A_c
A_j
A_p
A
Obs
JmaxRef = 84.24
RdayRef = 1.05
TPURef = 9999
VcmaxRef = 38.81
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

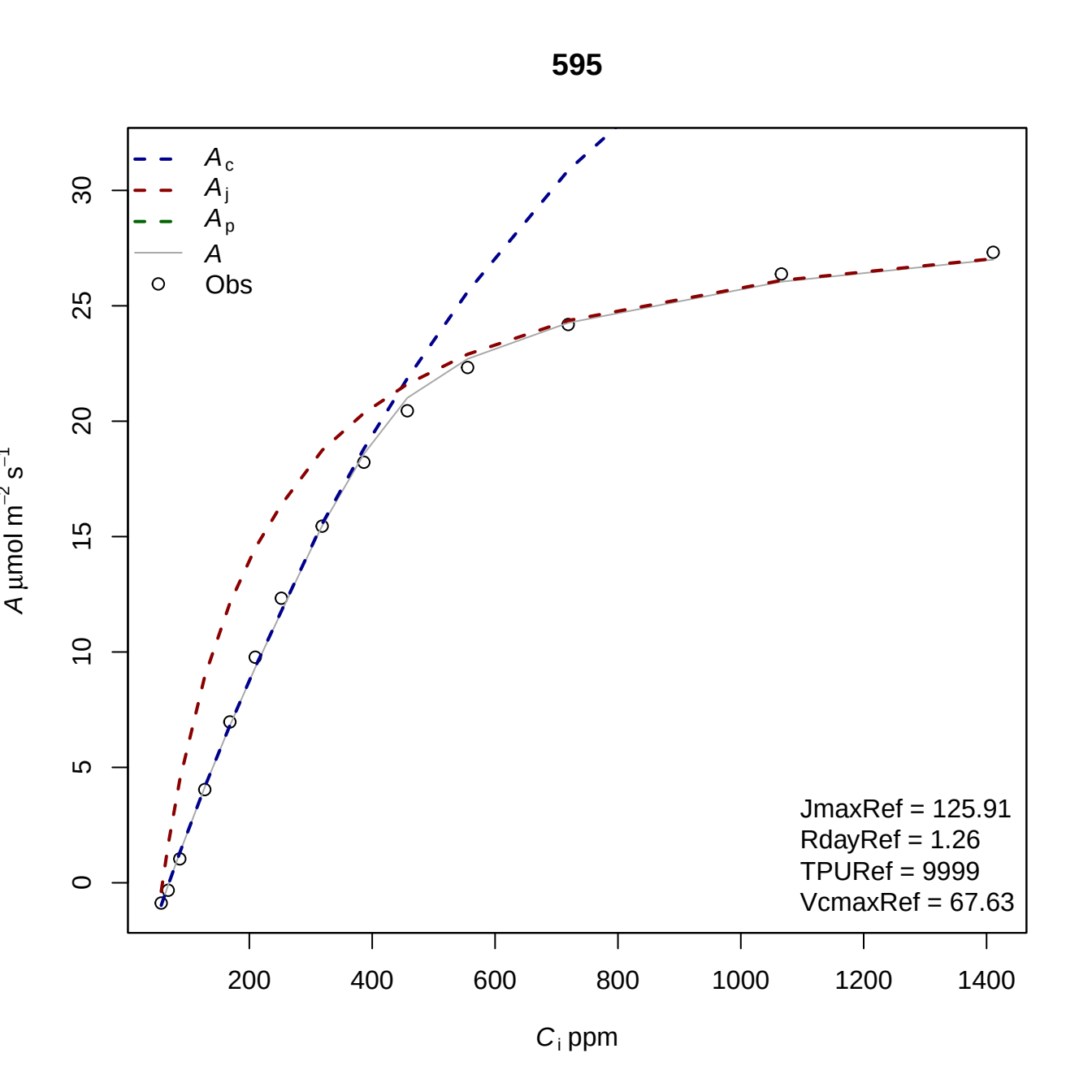

590
A_c
A_j
A_p
A
Obs
JmaxRef = 98.94
RdayRef = 1.18
TPURef = 6.6
VcmaxRef = 59.46
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

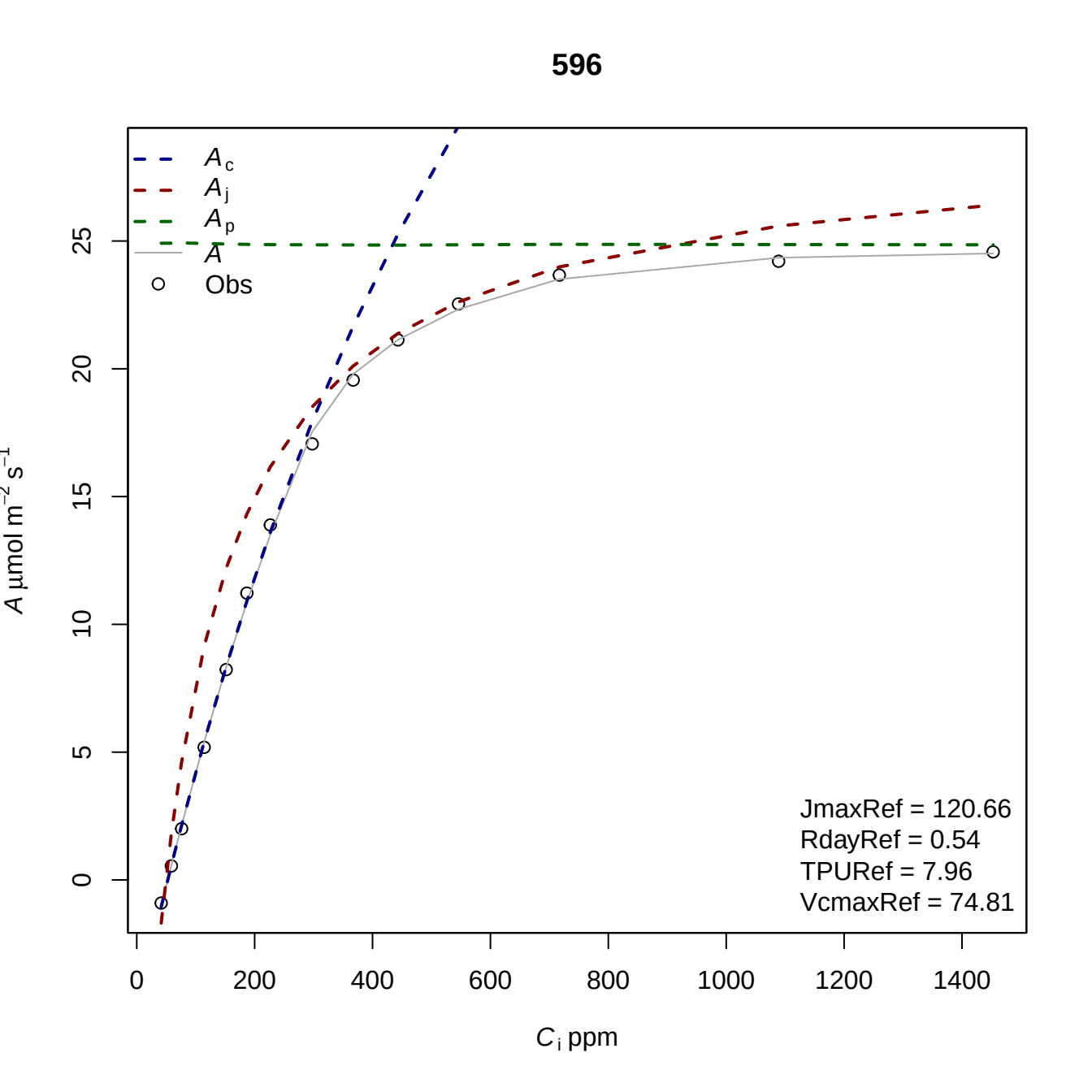

591
A_c
A_j
A_p
A
Obs
JmaxRef = 103.74
RdayRef = −0.07
TPURef = 9999
VcmaxRef = 63.03
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

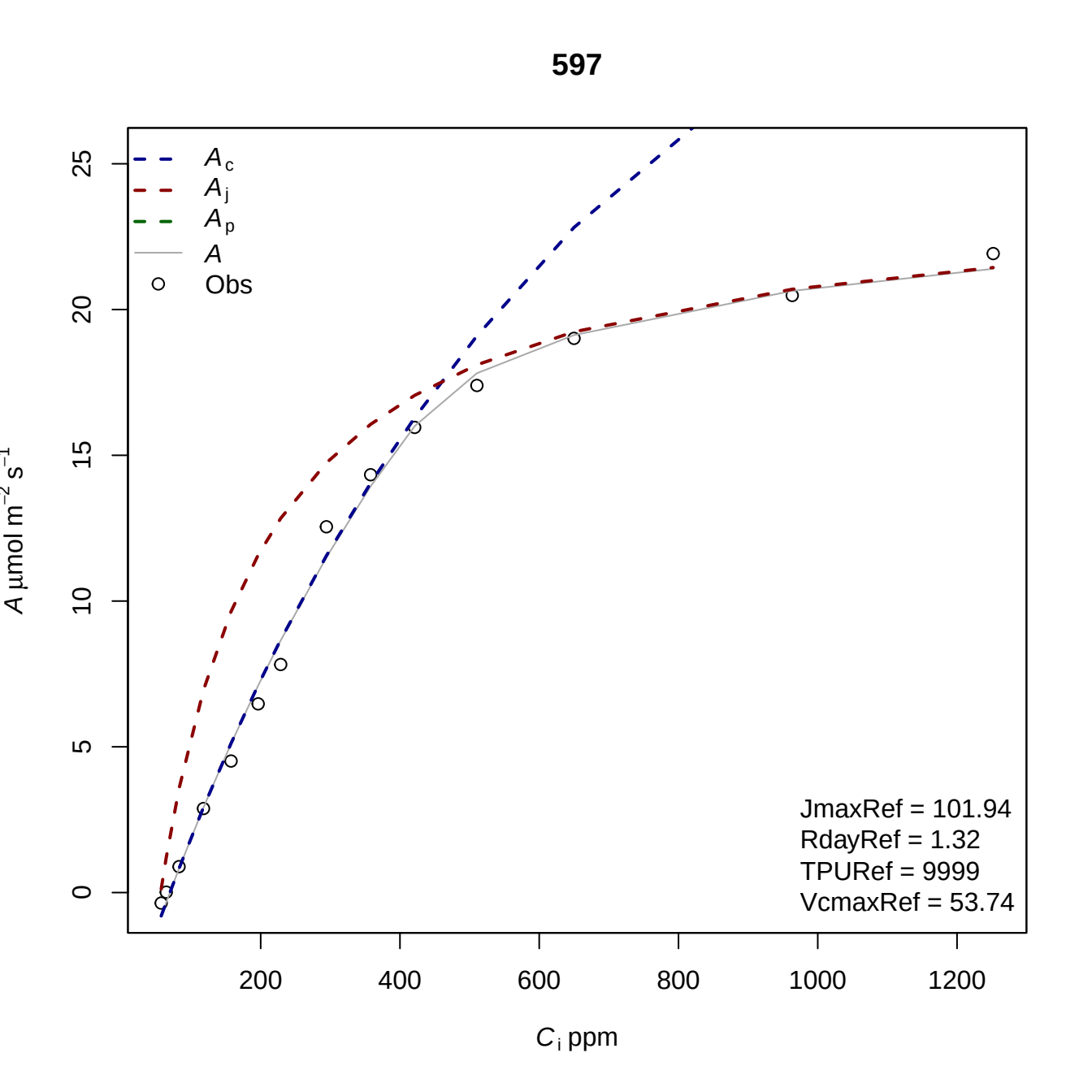

592
A_c
A_j
A_p
A
Obs
JmaxRef = 95.88
RdayRef = −0.96
TPURef = 9999
VcmaxRef = 72.29
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

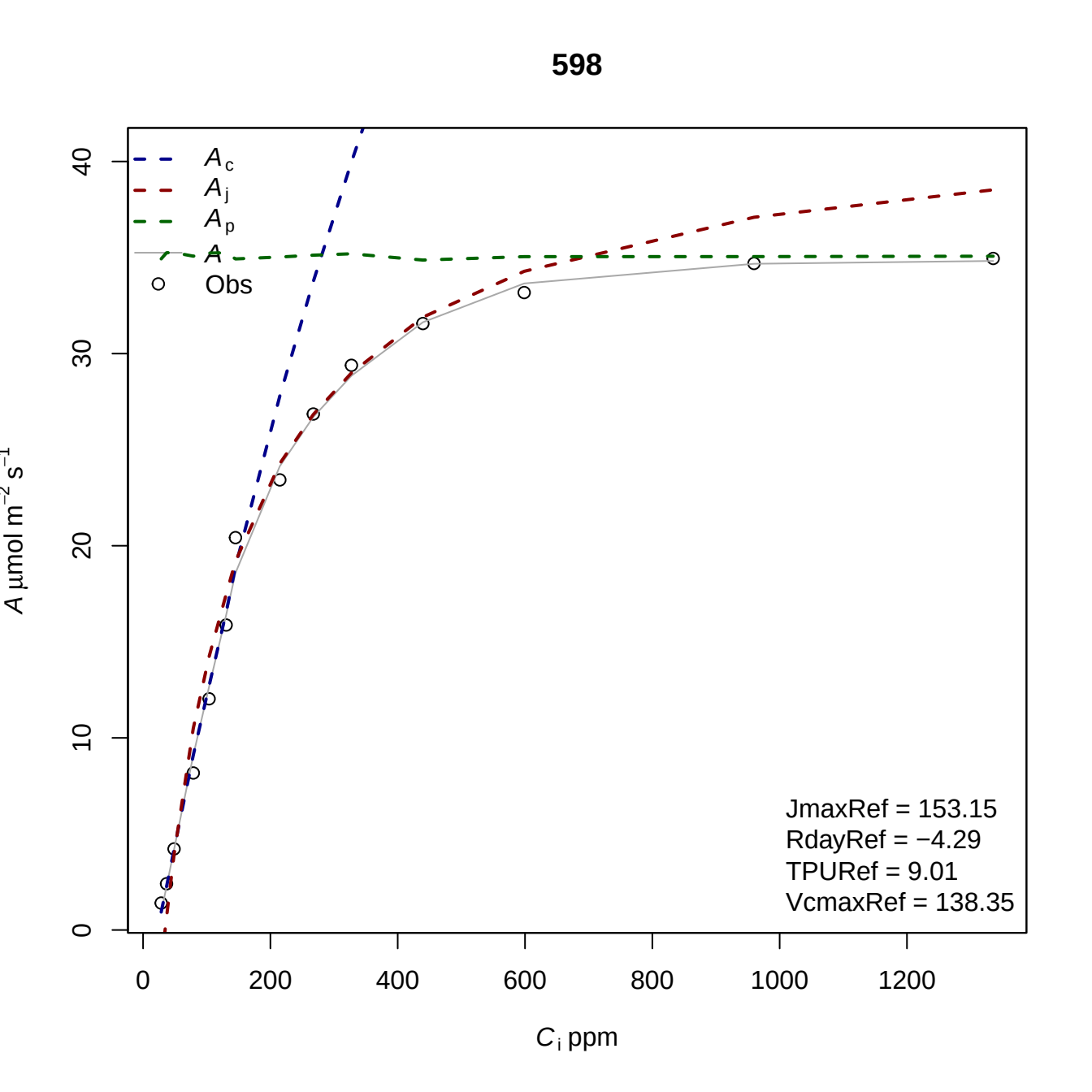

593
A_c
A_j
A_p
A
Obs
JmaxRef = 74.95
RdayRef = 0.73
TPURef = 5.04
VcmaxRef = 45.61
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

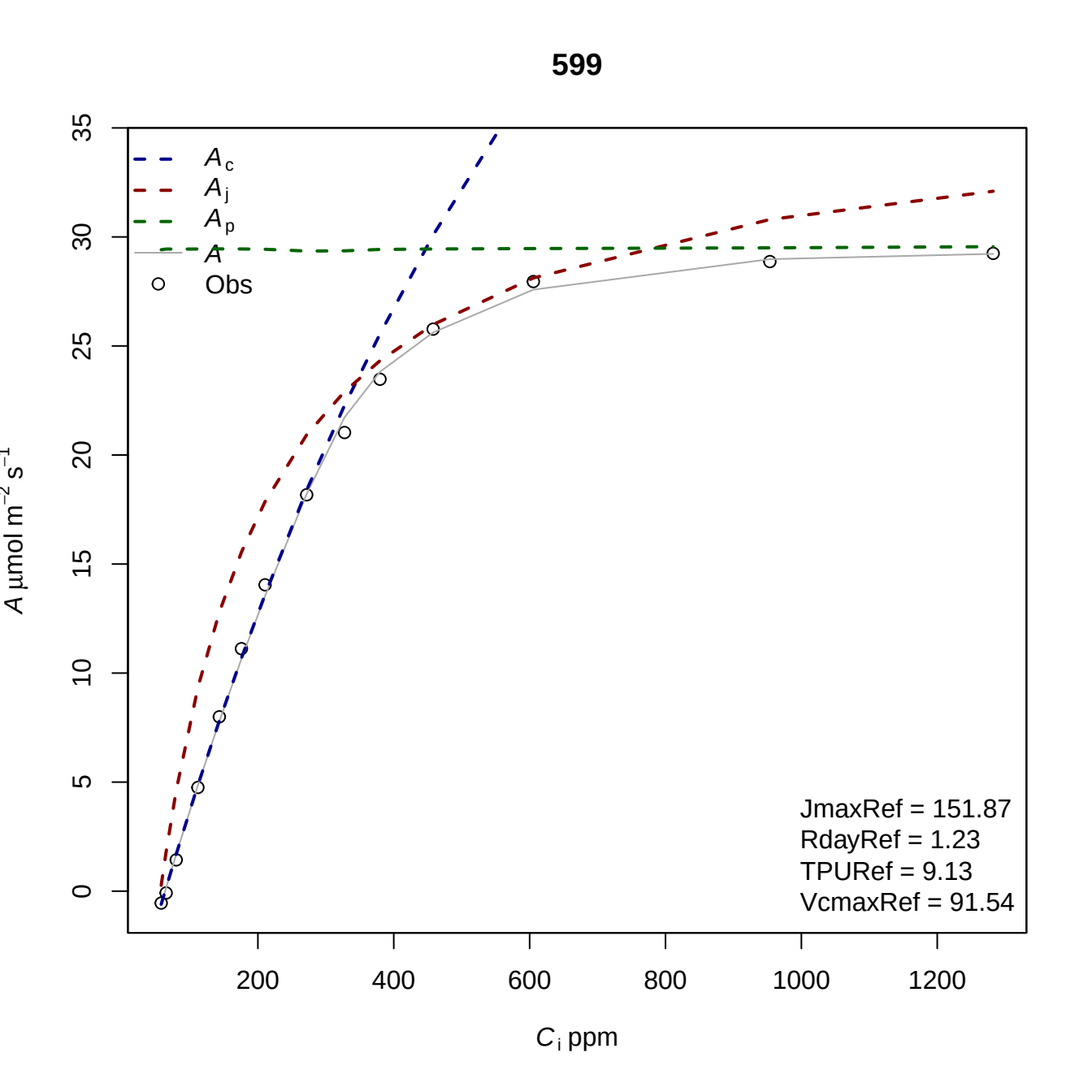

594
A_c
A_j
A_p
A
Obs
JmaxRef = 135.91
RdayRef = −4.71
TPURef = 9999
VcmaxRef = 97.71
A µmol m^{-2} s^{-1}
C_i ppm
10
20
30
40
0
200
400
600
800
1000
1200

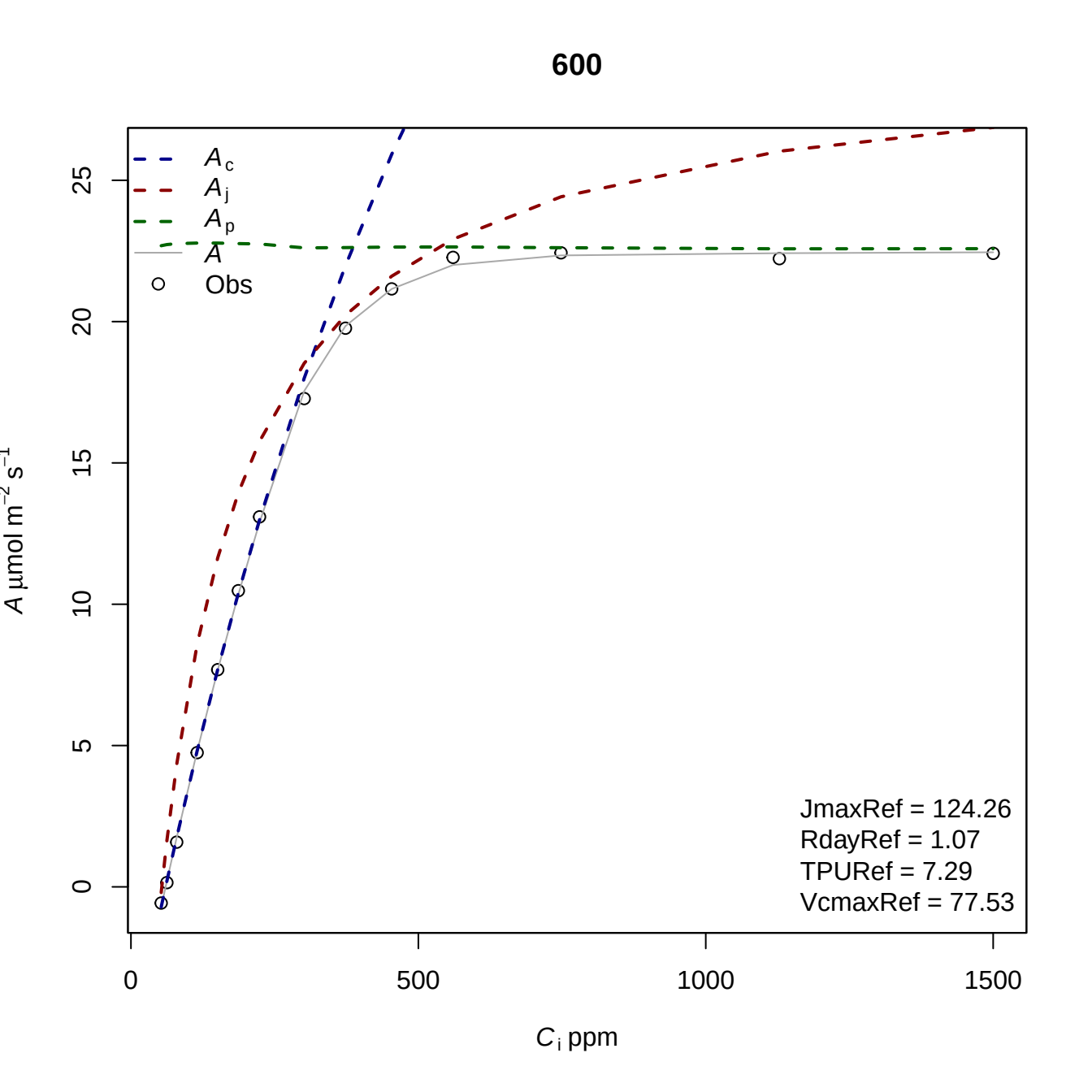

595
A_c
A_j
A_p
A
Obs
JmaxRef = 125.91
RdayRef = 1.26
TPURef = 9999
VcmaxRef = 67.63
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000
1200
1400

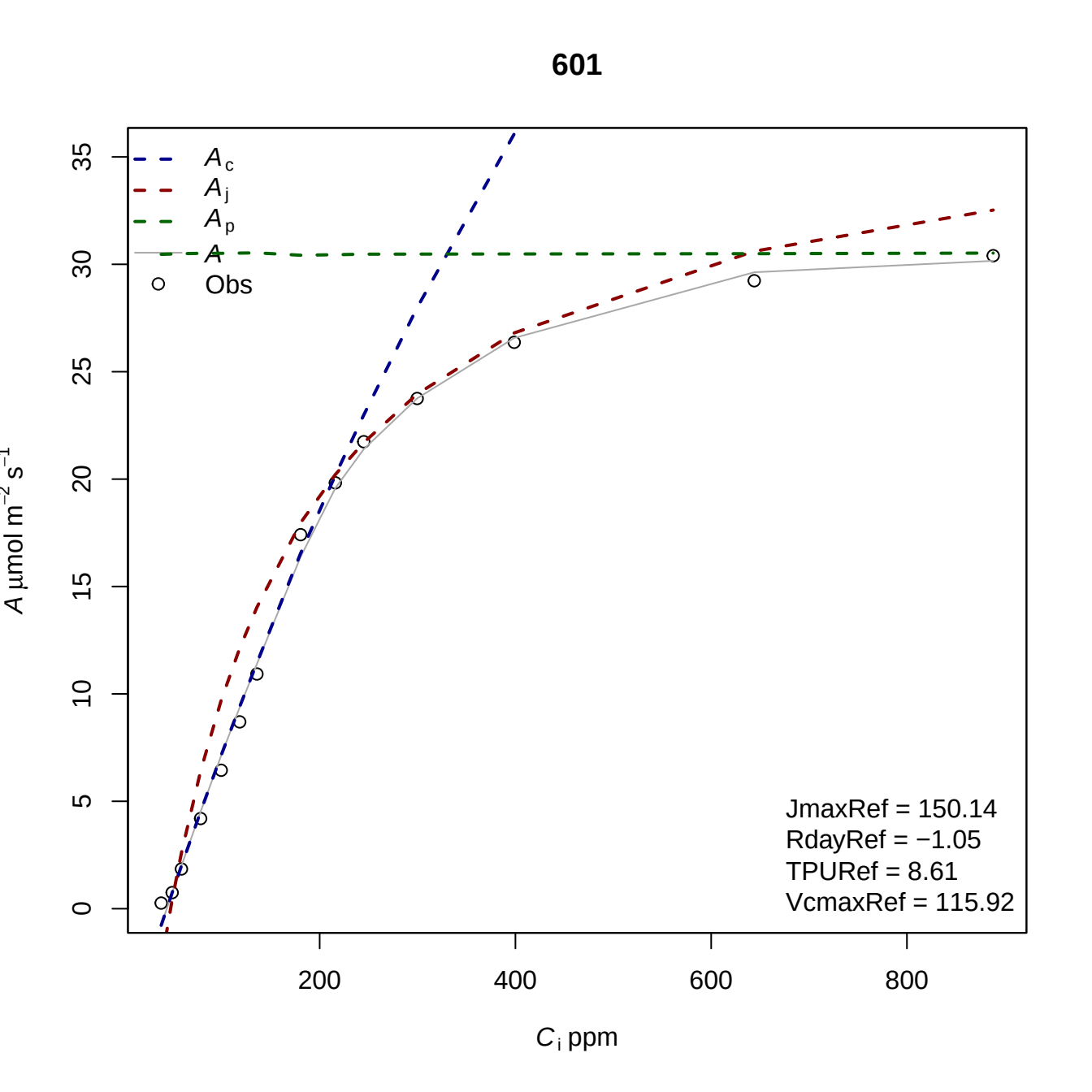

596
A_c
A_j
A_p
A
Obs
JmaxRef = 120.66
RdayRef = 0.54
TPURef = 7.96
VcmaxRef = 74.81
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

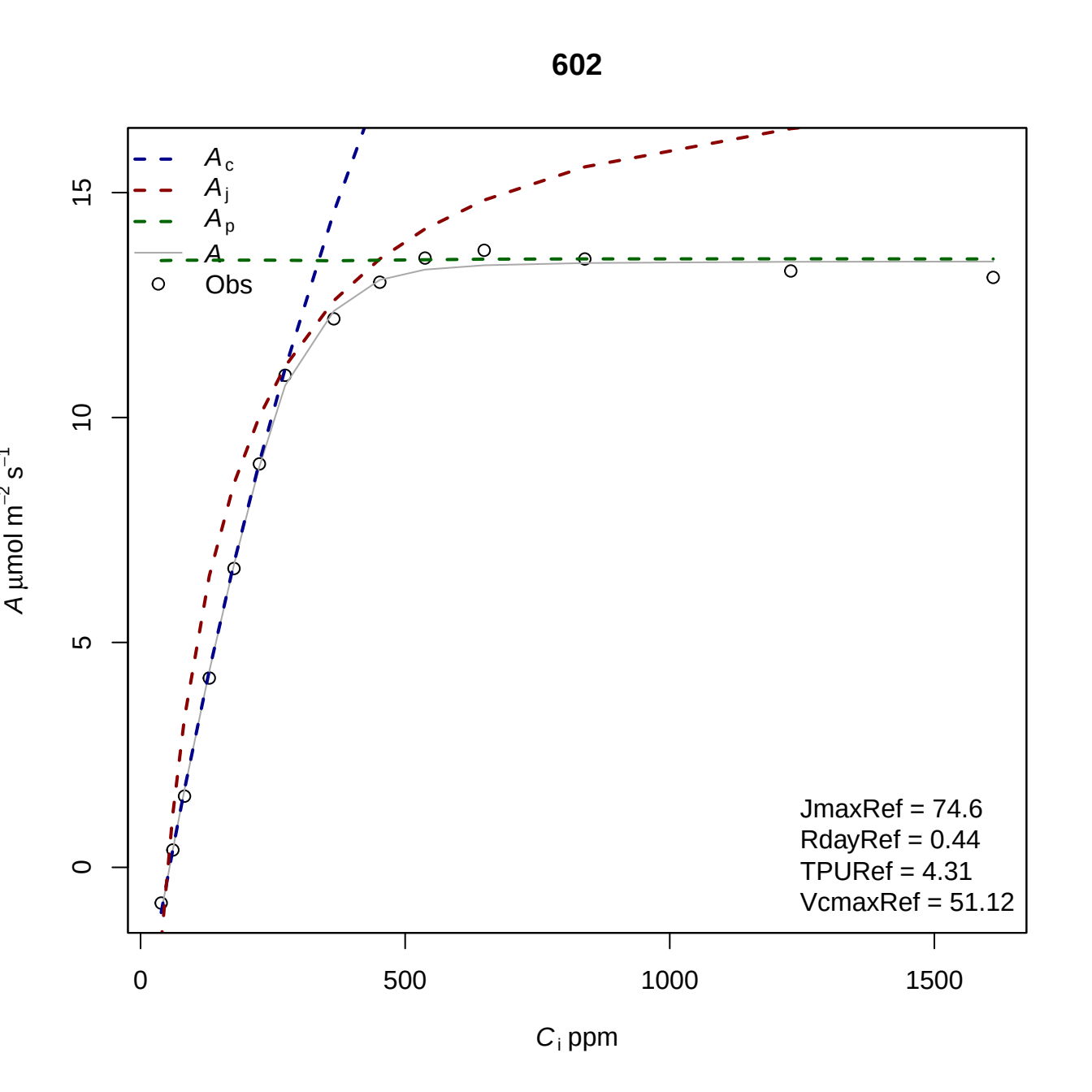

597
A_c
A_j
A_p
A
Obs
JmaxRef = 101.94
RdayRef = 1.32
TPURef = 9999
VcmaxRef = 53.74
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000
1200

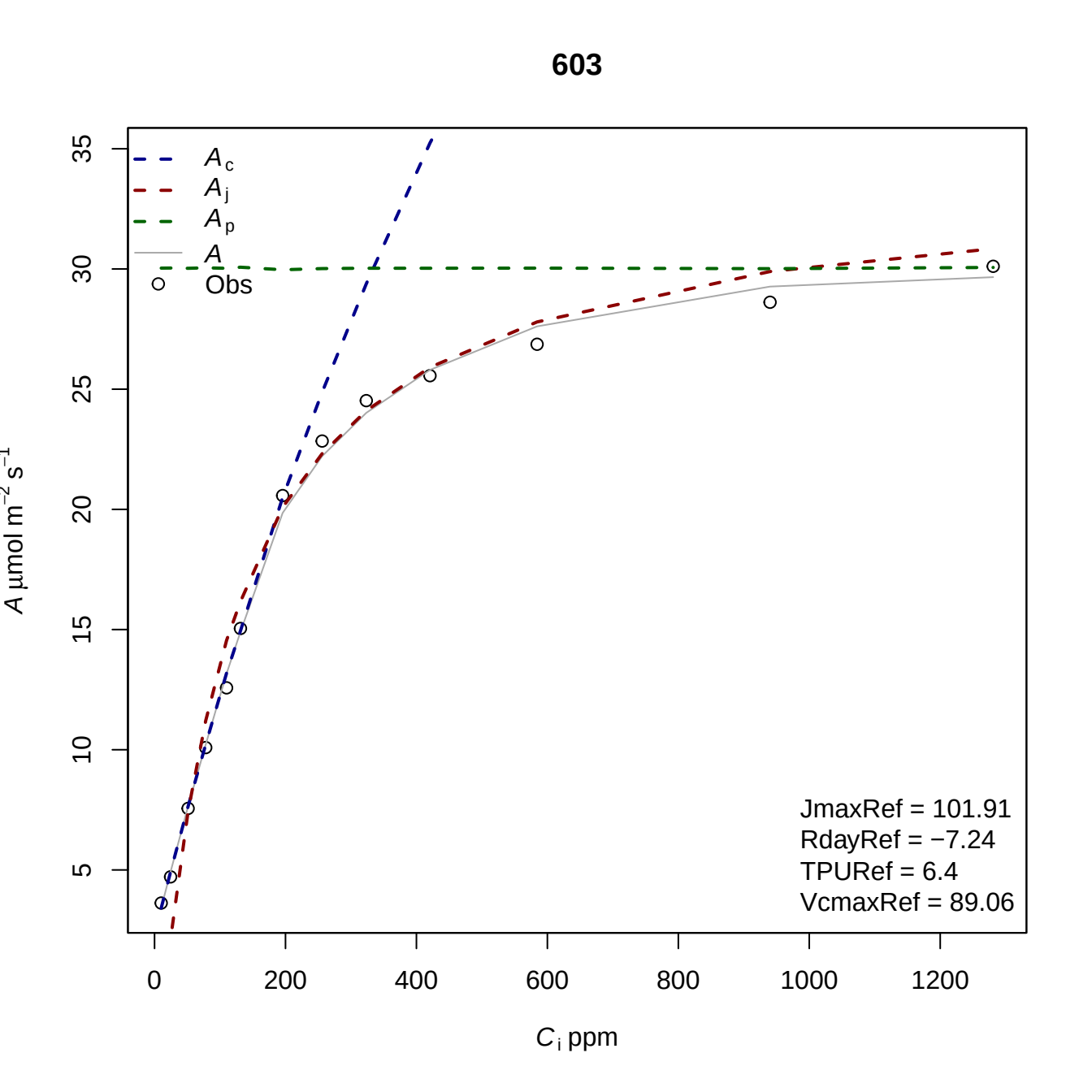

598
A_c
A_j
A_p
A
Obs
JmaxRef = 153.15
RdayRef = −4.29
TPURef = 9.01
VcmaxRef = 138.35
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000
1200

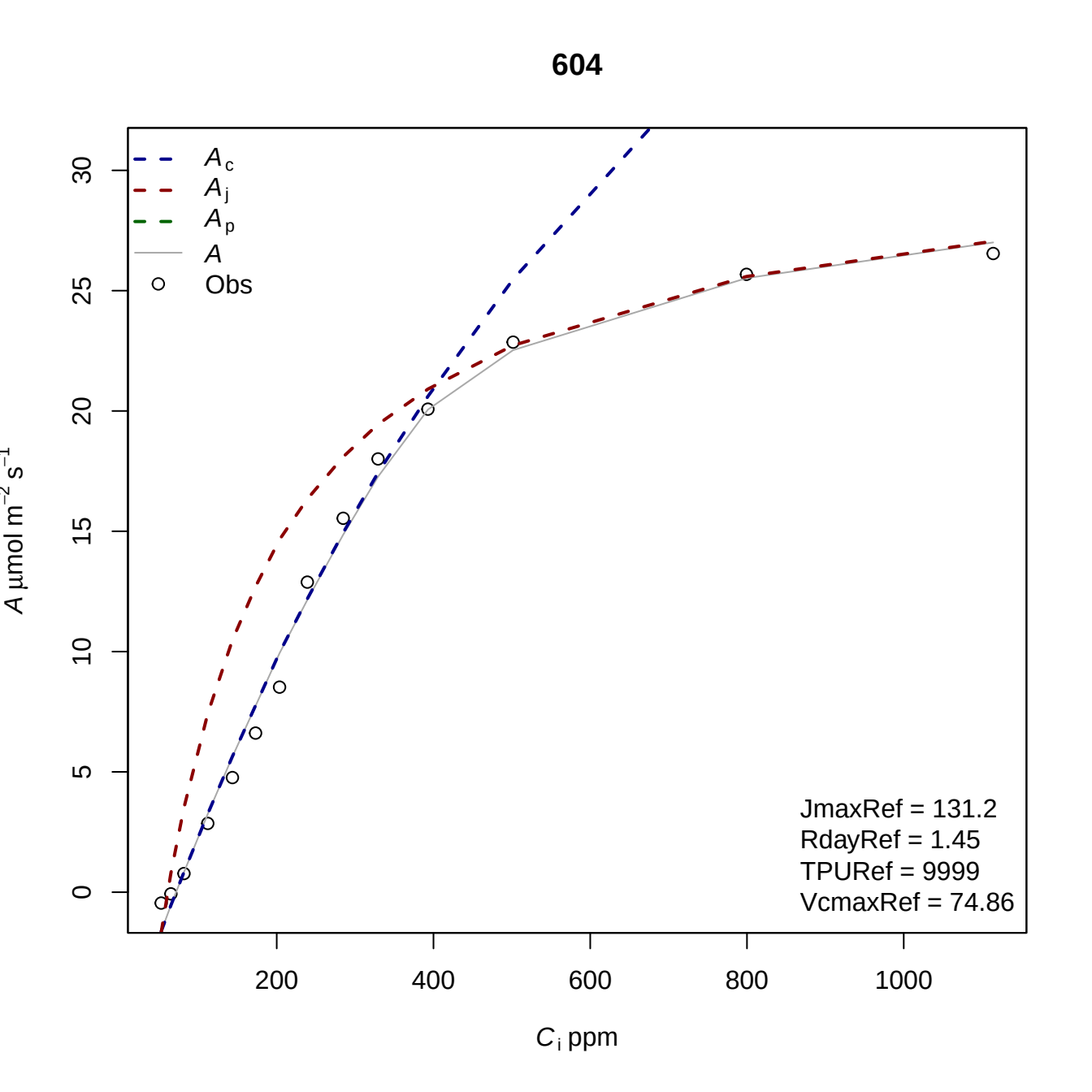

599
A_c
A_j
A_p
A
Obs
JmaxRef = 151.87
RdayRef = 1.23
TPURef = 9.13
VcmaxRef = 91.54
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
200
400
600
800
1000
1200

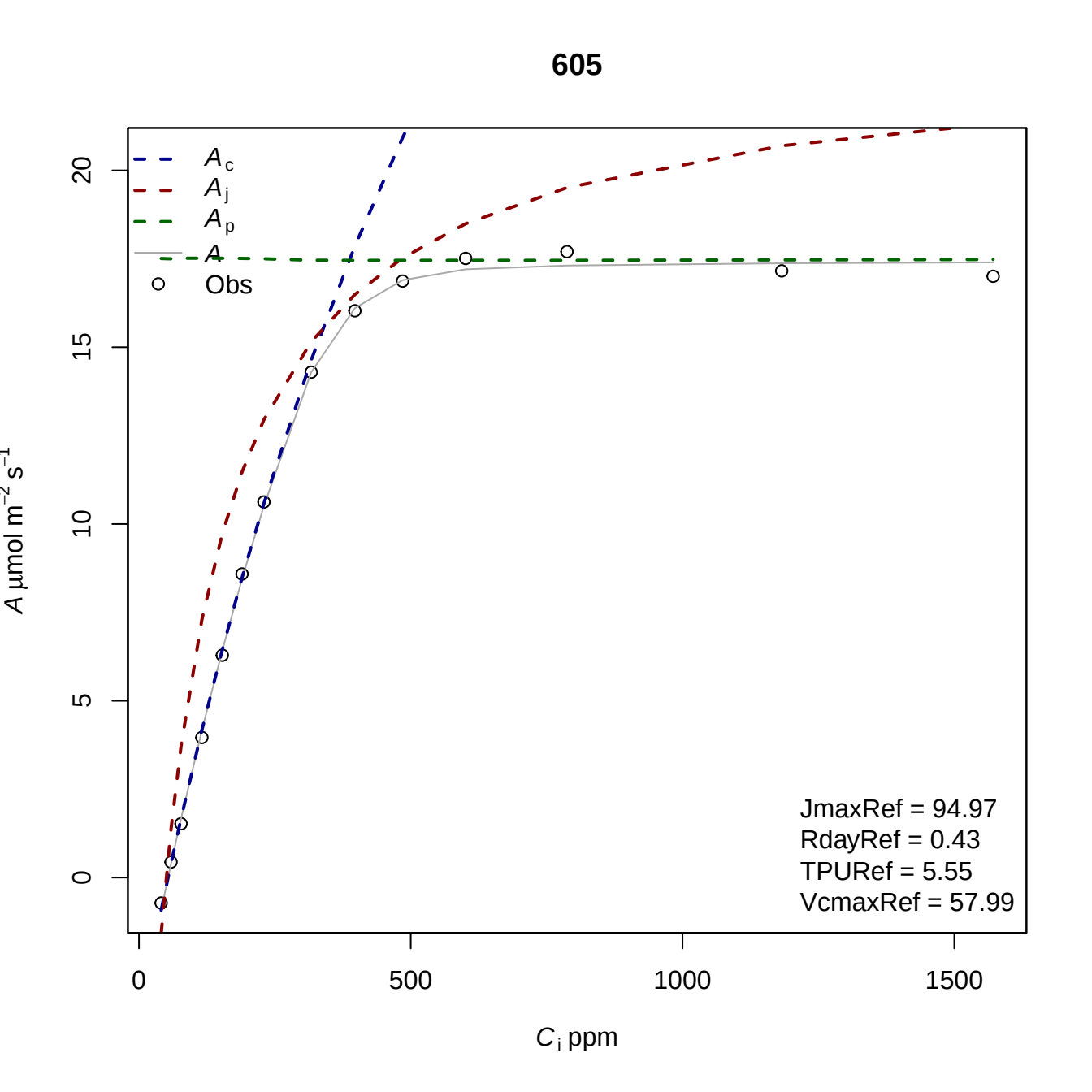

600
A_c
A_j
A_p
A
Obs
JmaxRef = 124.26
RdayRef = 1.07
TPURef = 7.29
VcmaxRef = 77.53
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

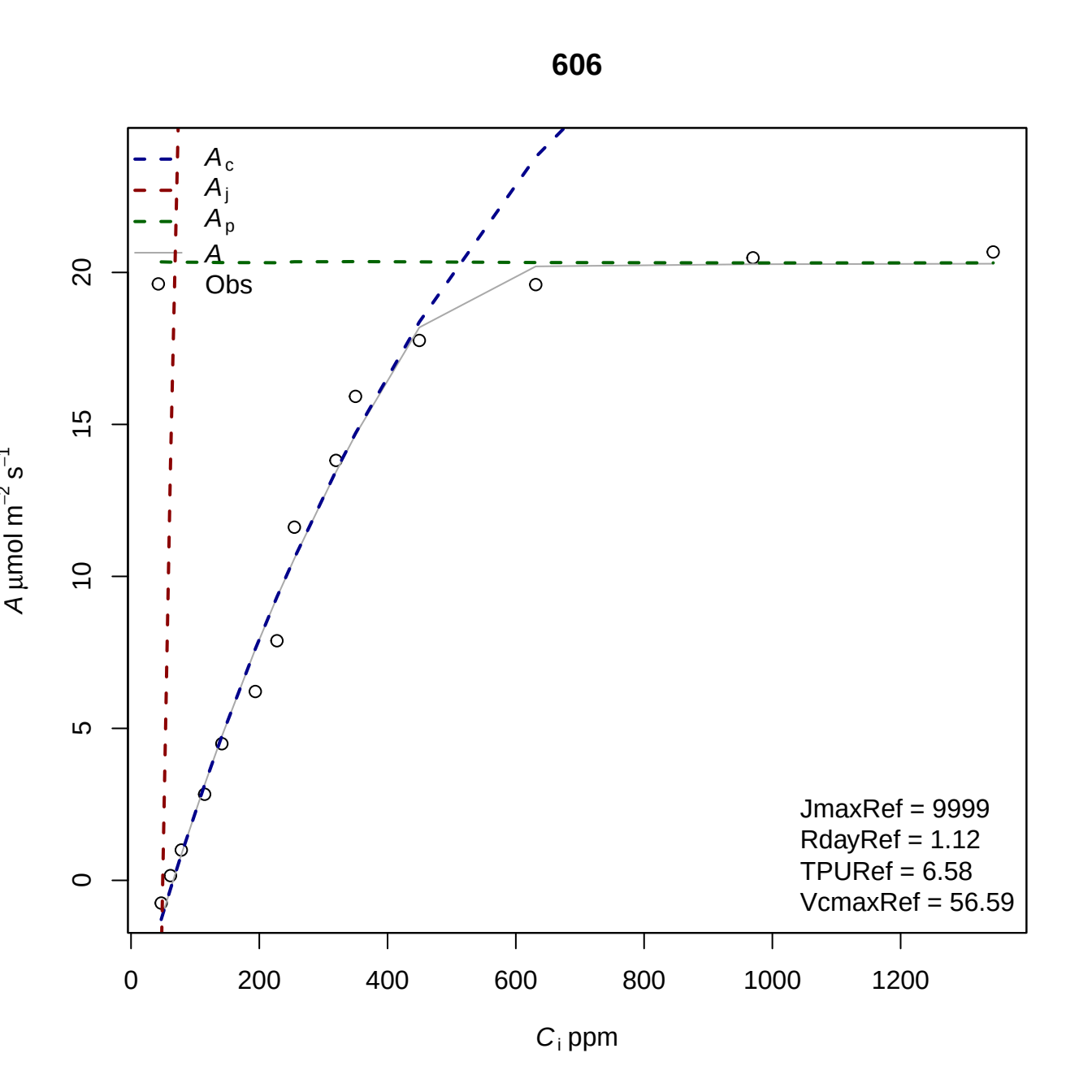

601
A_c
A_j
A_p
A
Obs
JmaxRef = 150.14
RdayRef = −1.05
TPURef = 8.61
VcmaxRef = 115.92
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
200
400
600
800

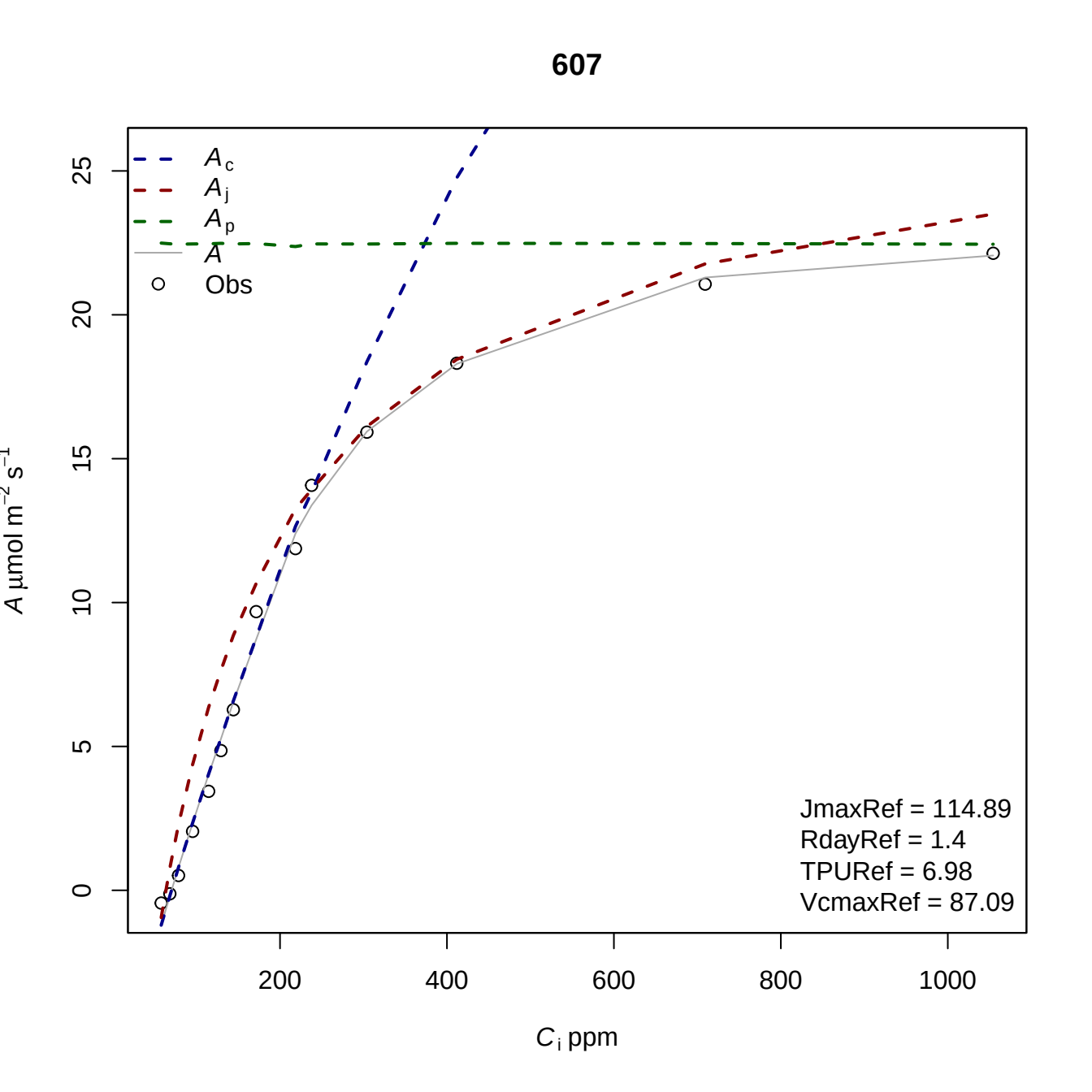

602
A_c
A_j
A_p
A
Obs
JmaxRef = 74.6
RdayRef = 0.44
TPURef = 4.31
VcmaxRef = 51.12
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

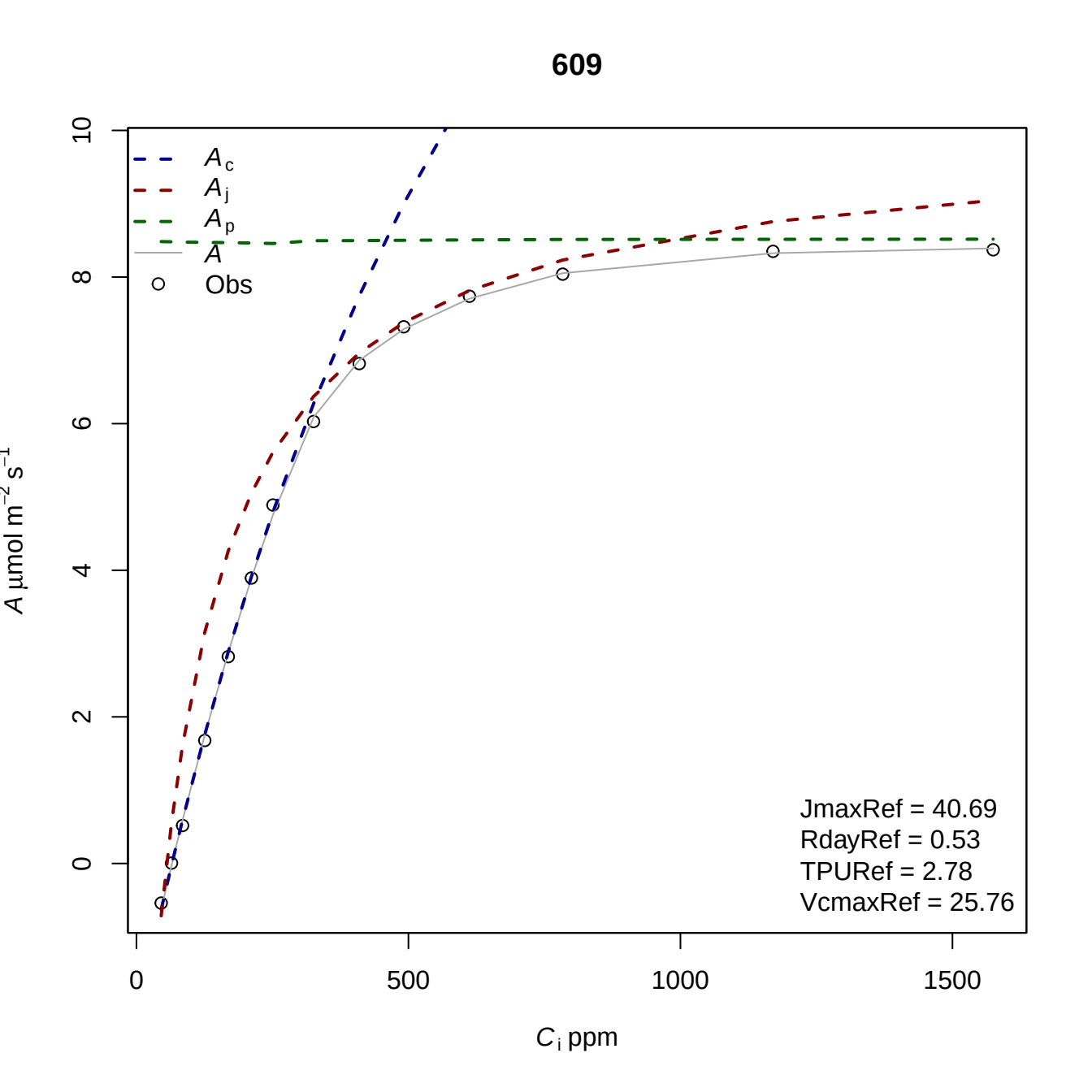

603
A_c
A_j
A_p
A
Obs
JmaxRef = 101.91
RdayRef = −7.24
TPURef = 6.4
VcmaxRef = 89.06
A µmol m^{-2} s^{-1}
C_i ppm
0
200
400
600
800
1000
1200
5
10
15
20
25
30
35

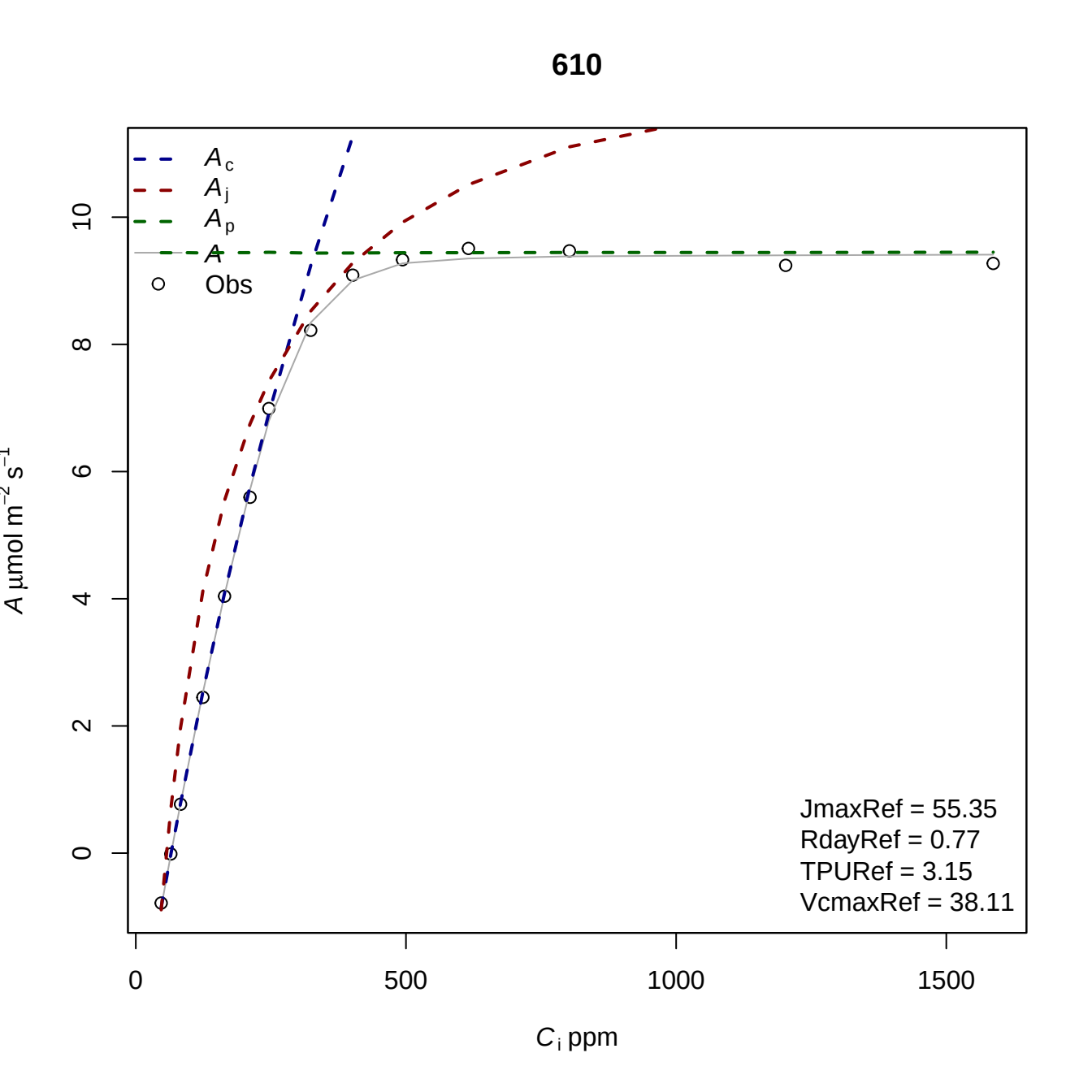

604
A_c
A_j
A_p
A
Obs
JmaxRef = 131.2
RdayRef = 1.45
TPURef = 9999
VcmaxRef = 74.86
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000

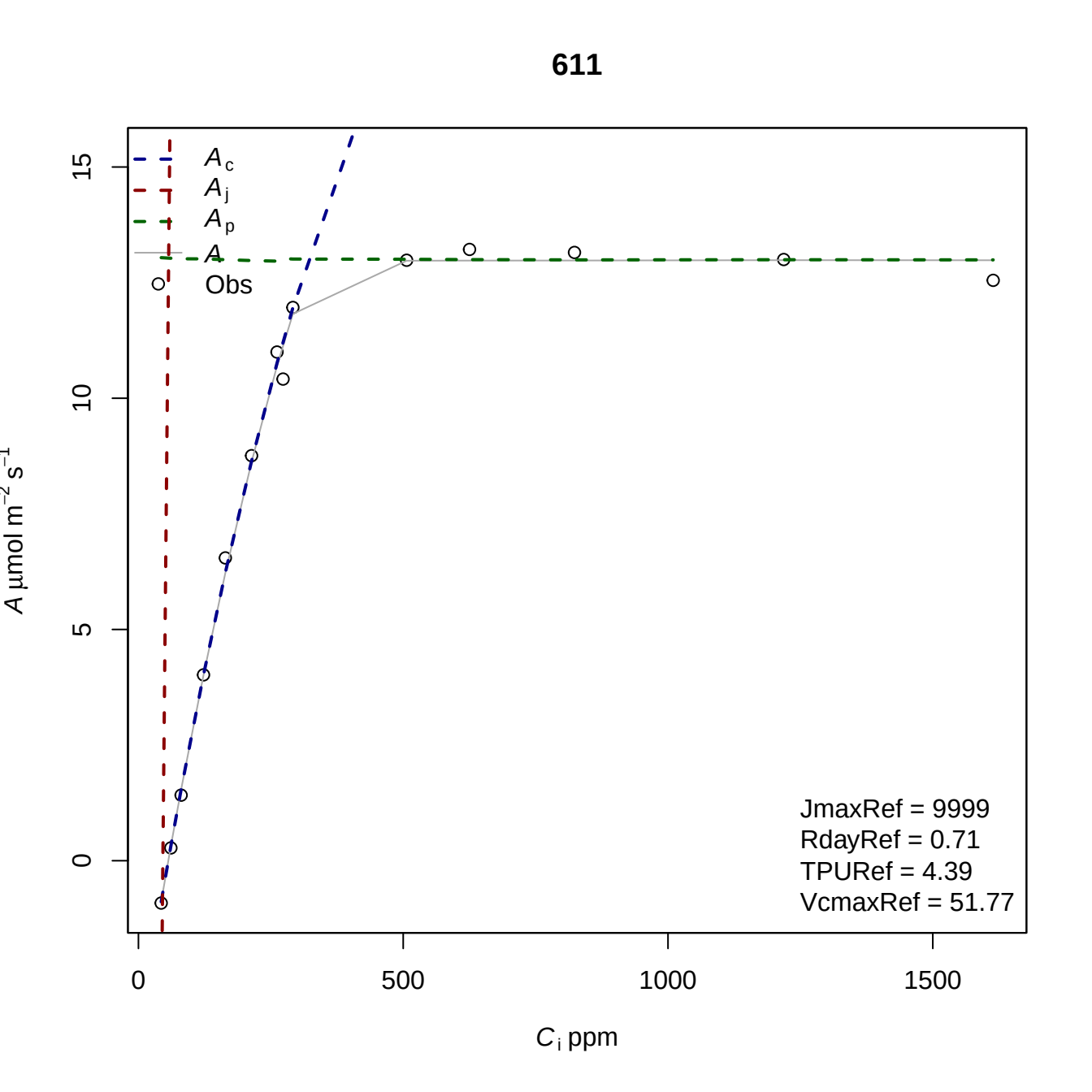

605
A_c
A_j
A_p
A
Obs
JmaxRef = 94.97
RdayRef = 0.43
TPURef = 5.55
VcmaxRef = 57.99
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

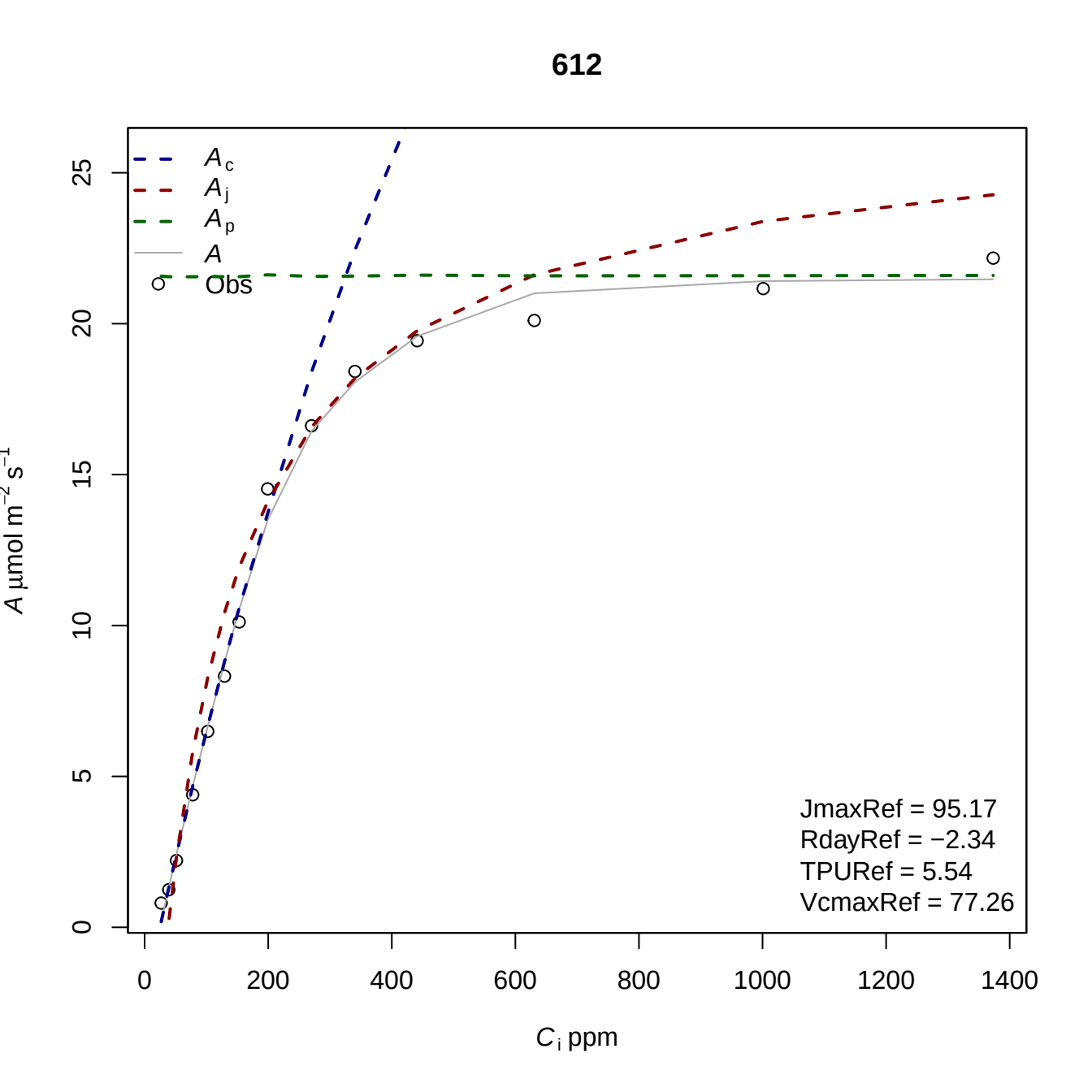

606
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.12
TPURef = 6.58
VcmaxRef = 56.59
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

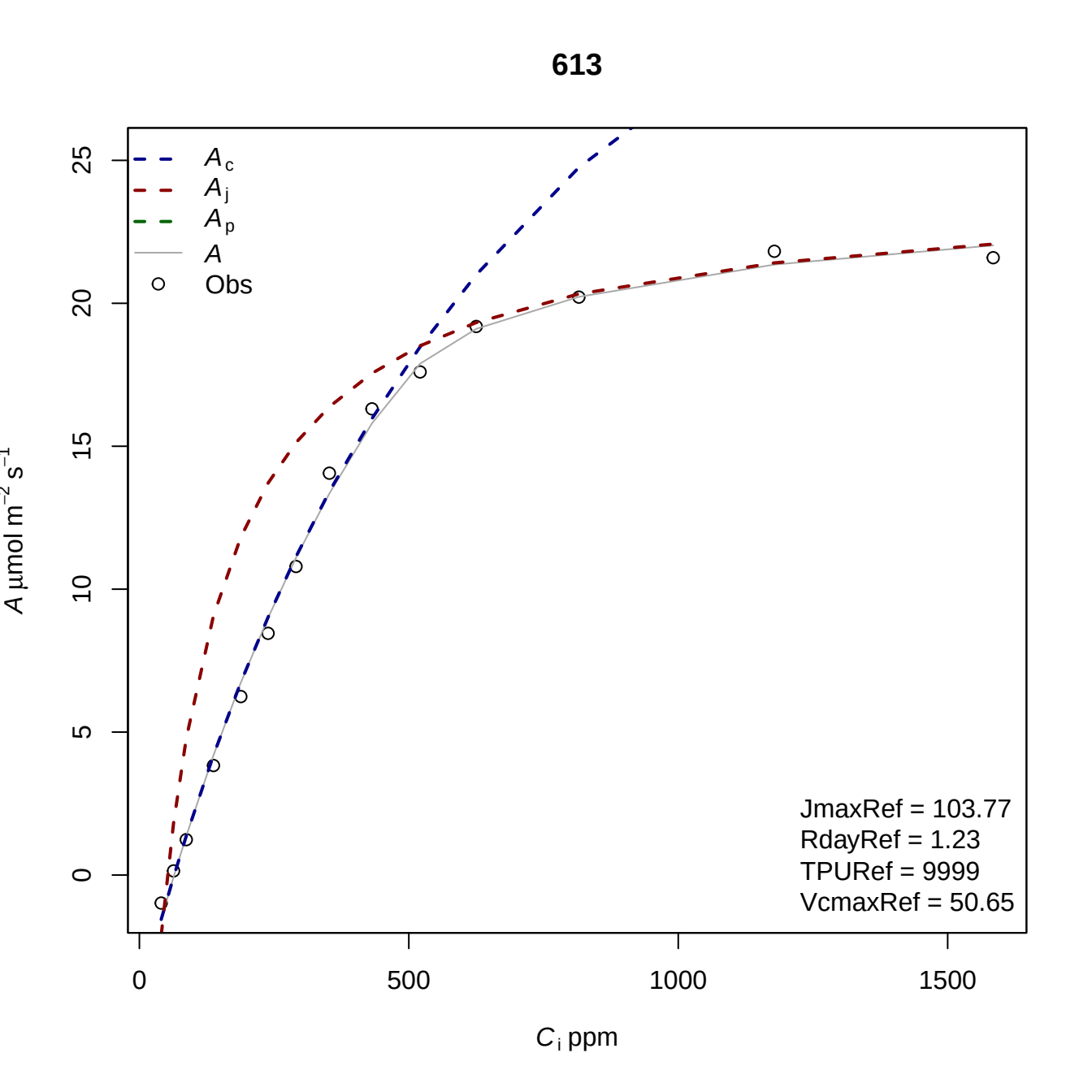

607
A_c
A_j
A_p
A
Obs
JmaxRef = 114.89
RdayRef = 1.4
TPURef = 6.98
VcmaxRef = 87.09
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000

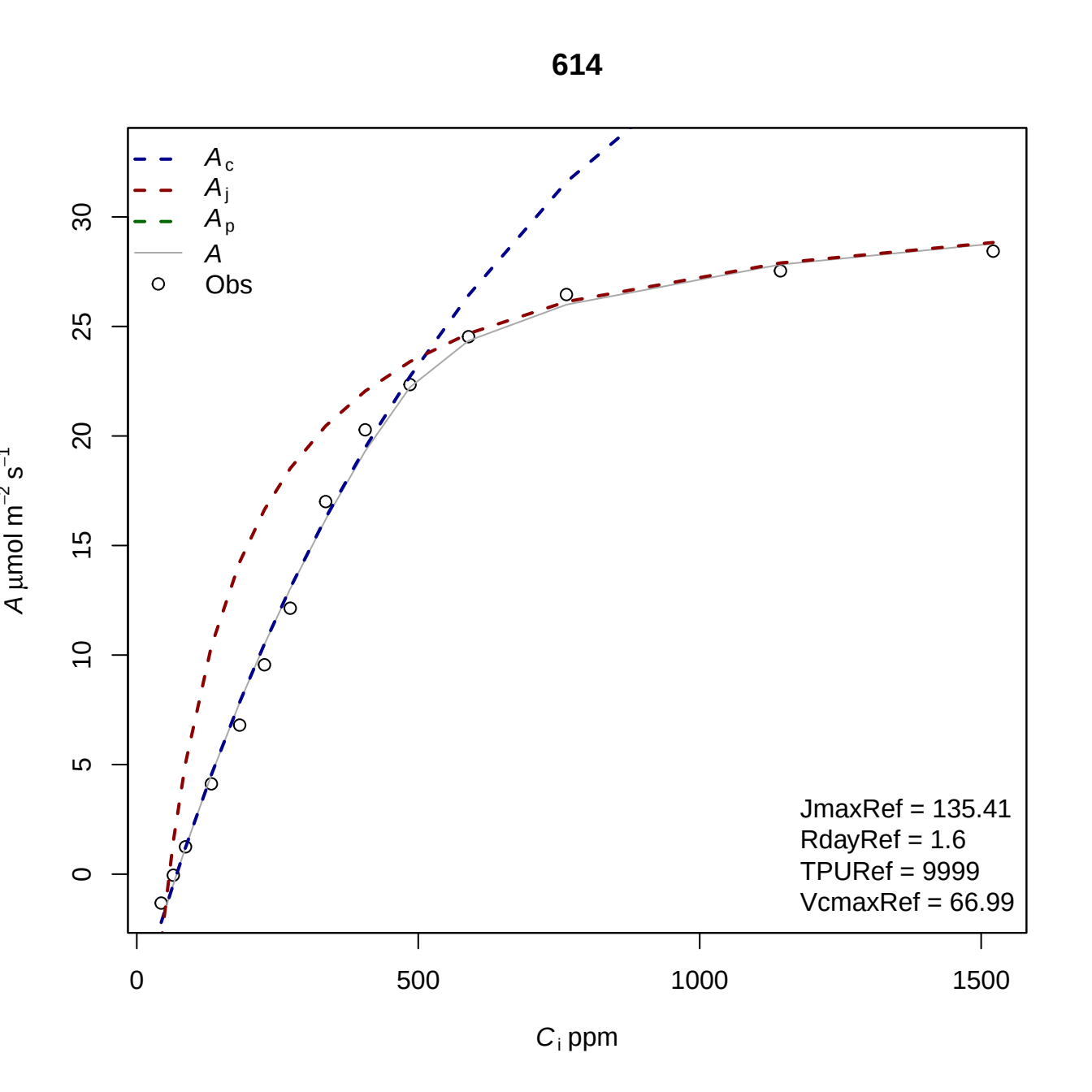

609
A_c
A_j
A_p
A
Obs
JmaxRef = 40.69
RdayRef = 0.53
TPURef = 2.78
VcmaxRef = 25.76
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
0
500
1000
1500

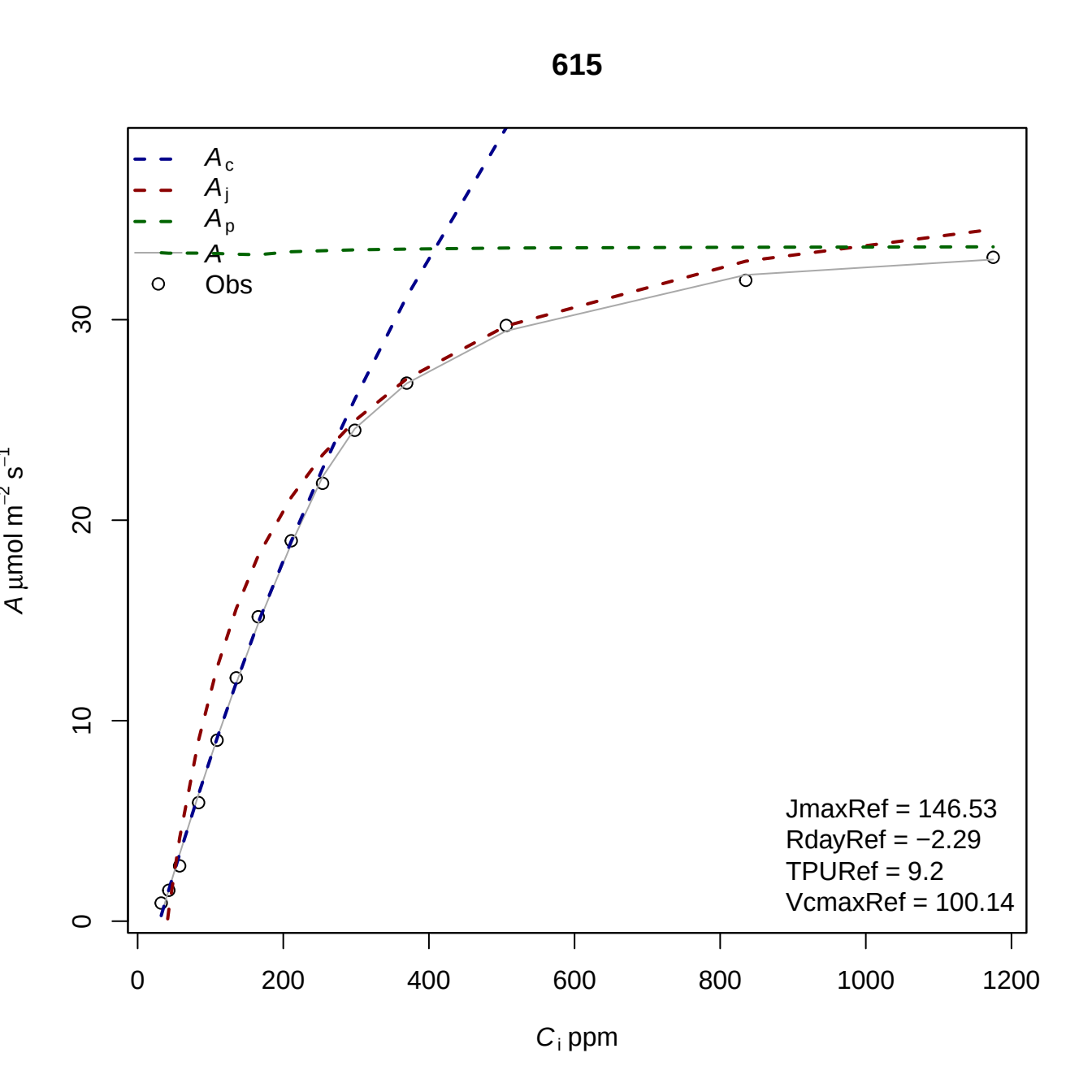

610
A_c
A_j
A_p
A
Obs
JmaxRef = 55.35
RdayRef = 0.77
TPURef = 3.15
VcmaxRef = 38.11
A µmol m^{-2} s^{-1}
0
2
4
6
8
10
0
500
1000
1500
C_i ppm

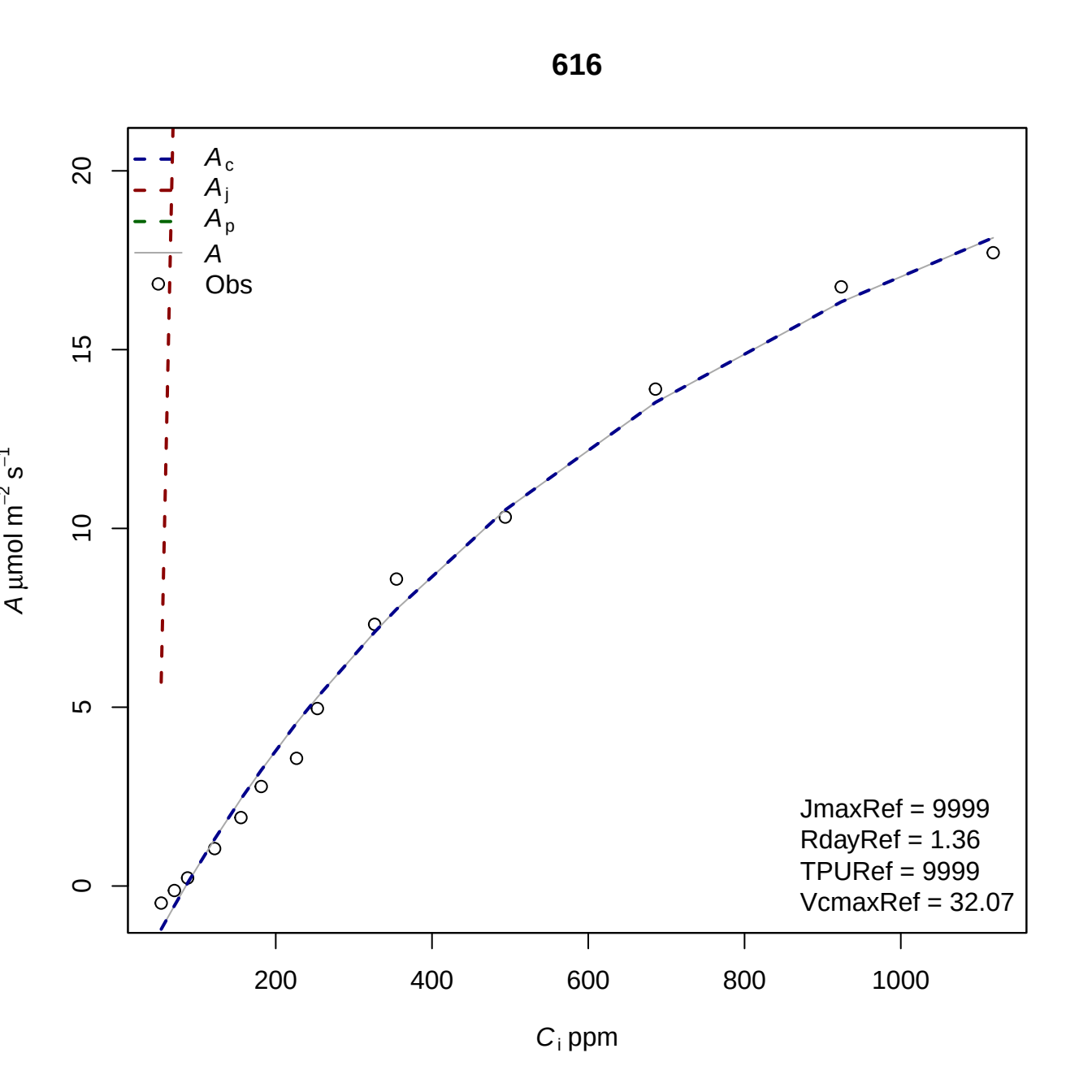

611
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.71
TPURef = 4.39
VcmaxRef = 51.77
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

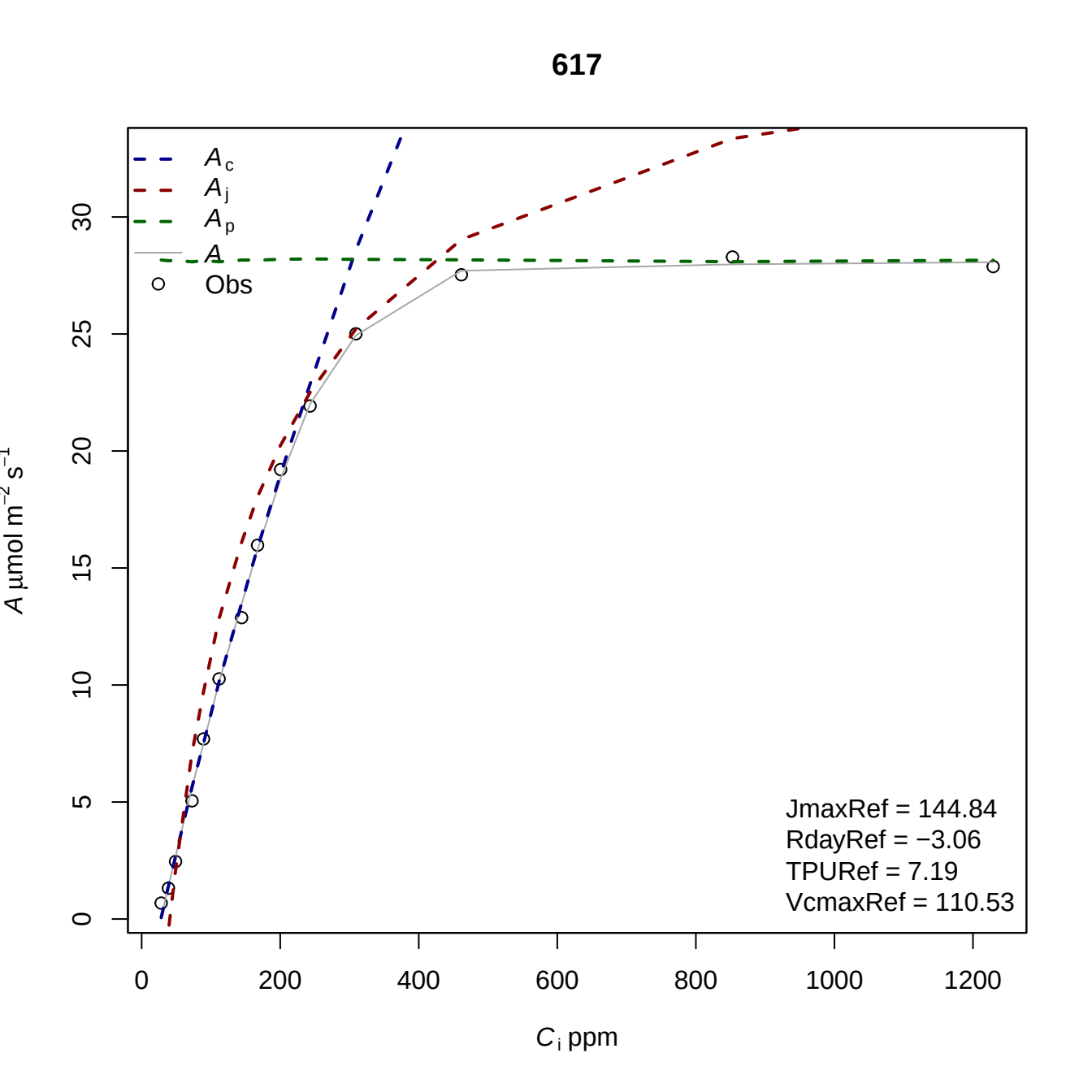

612
A_c
A_j
A_p
A
Obs
JmaxRef = 95.17
RdayRef = −2.34
TPURef = 5.54
VcmaxRef = 77.26
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

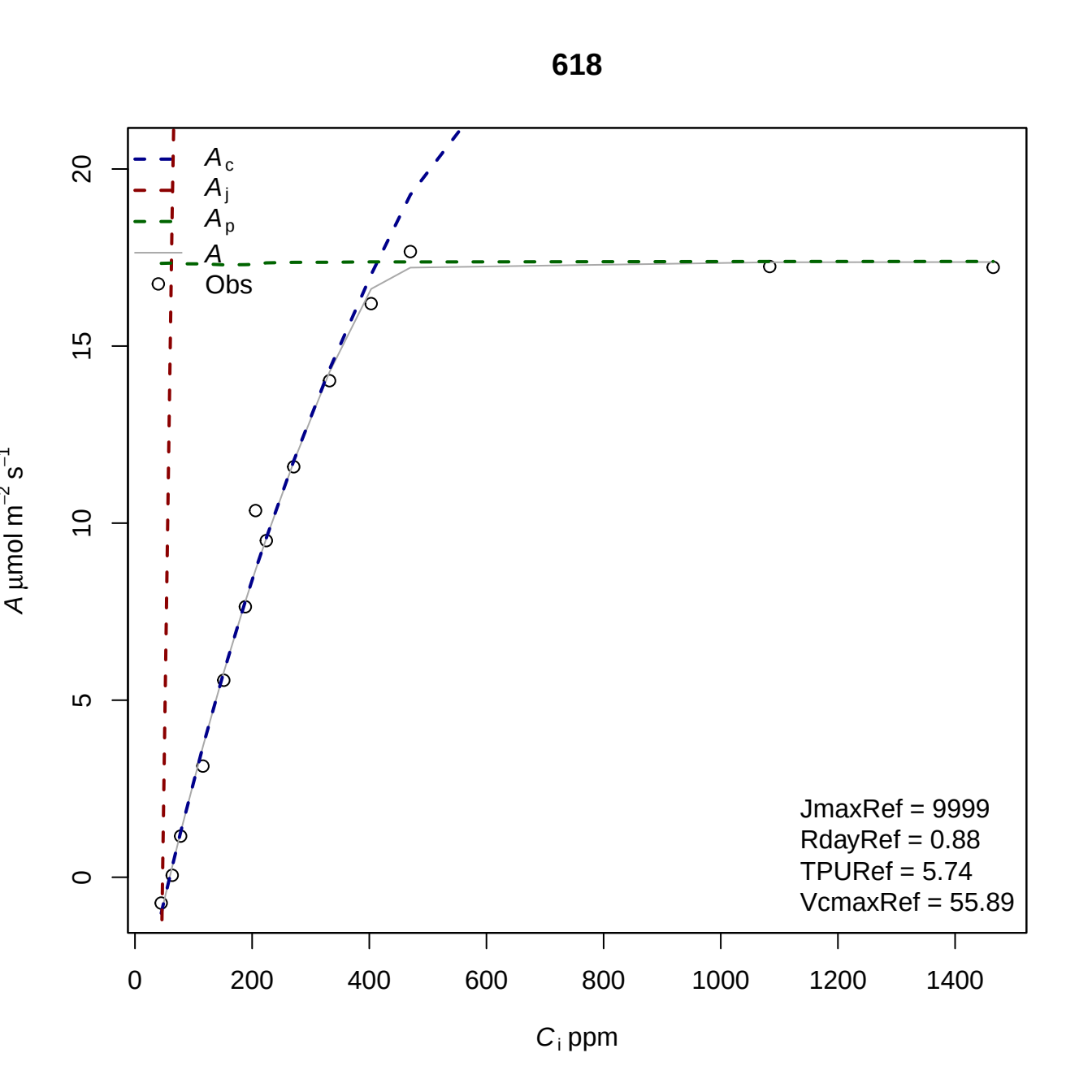

613
A_c
A_j
A_p
A
Obs
JmaxRef = 103.77
RdayRef = 1.23
TPURef = 9999
VcmaxRef = 50.65
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

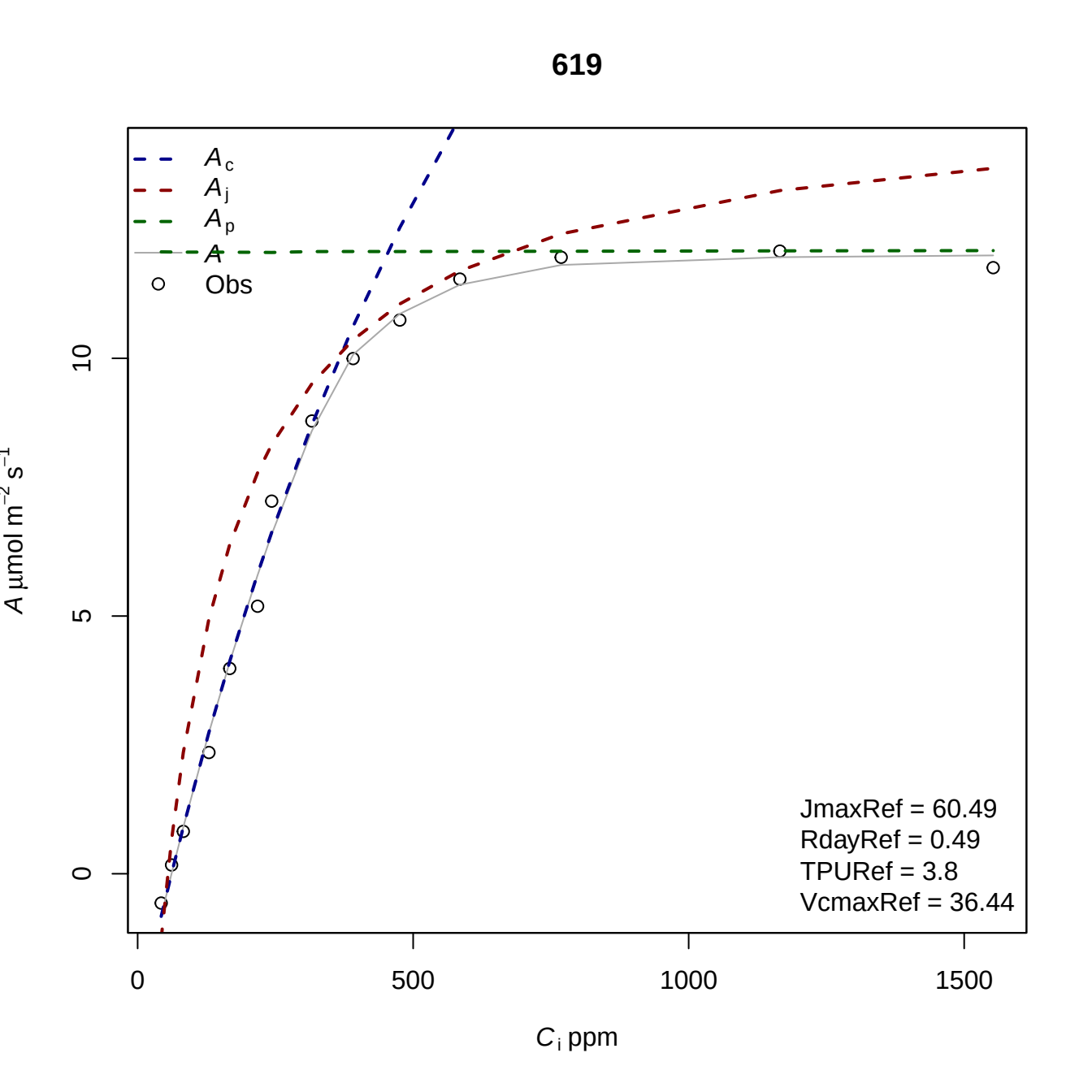

614
A_c
A_j
A_p
A
Obs
JmaxRef = 135.41
RdayRef = 1.6
TPURef = 9999
VcmaxRef = 66.99
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

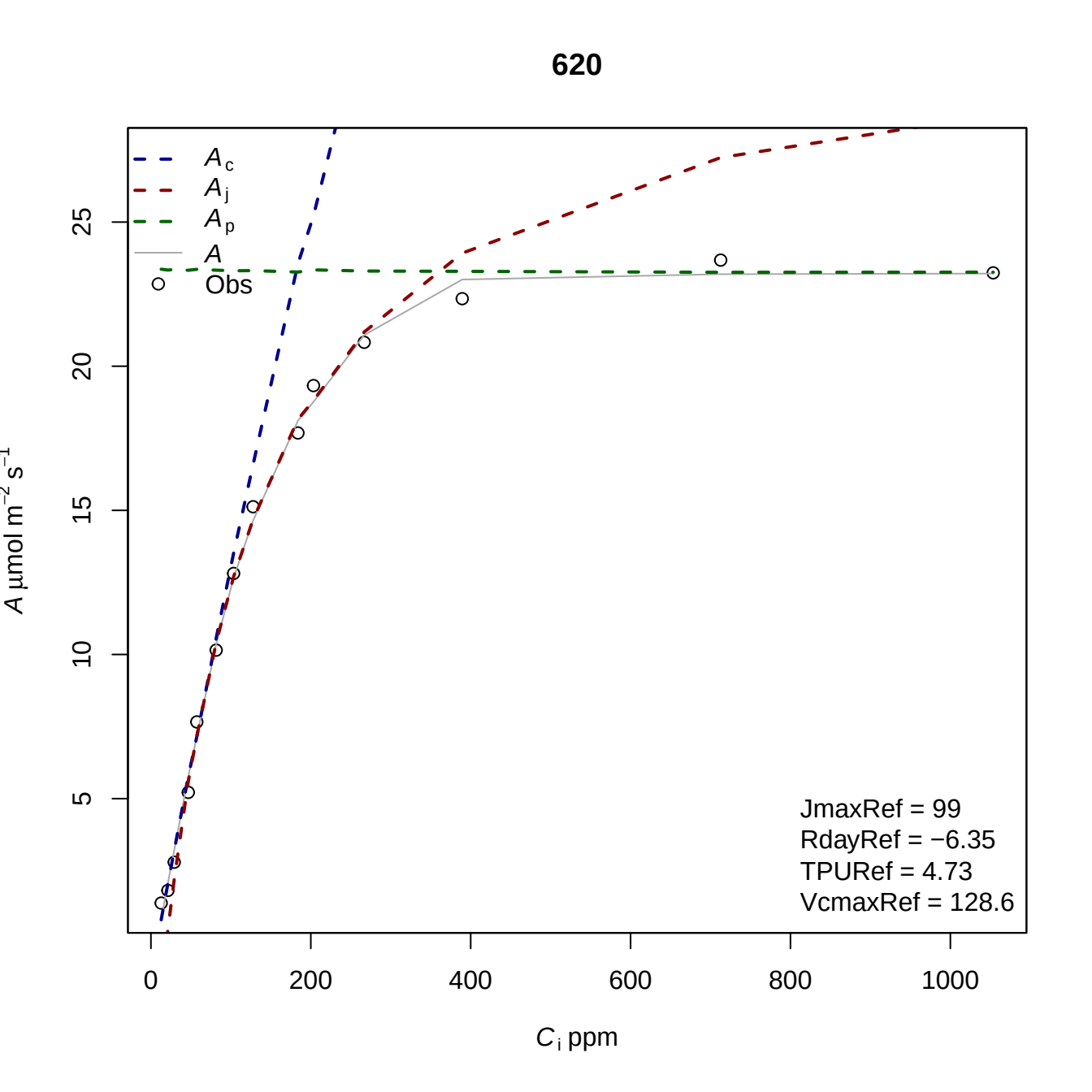

615
A_c
A_j
A_p
A
Obs
JmaxRef = 146.53
RdayRef = −2.29
TPURef = 9.2
VcmaxRef = 100.14
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
0
200
400
600
800
1000
1200

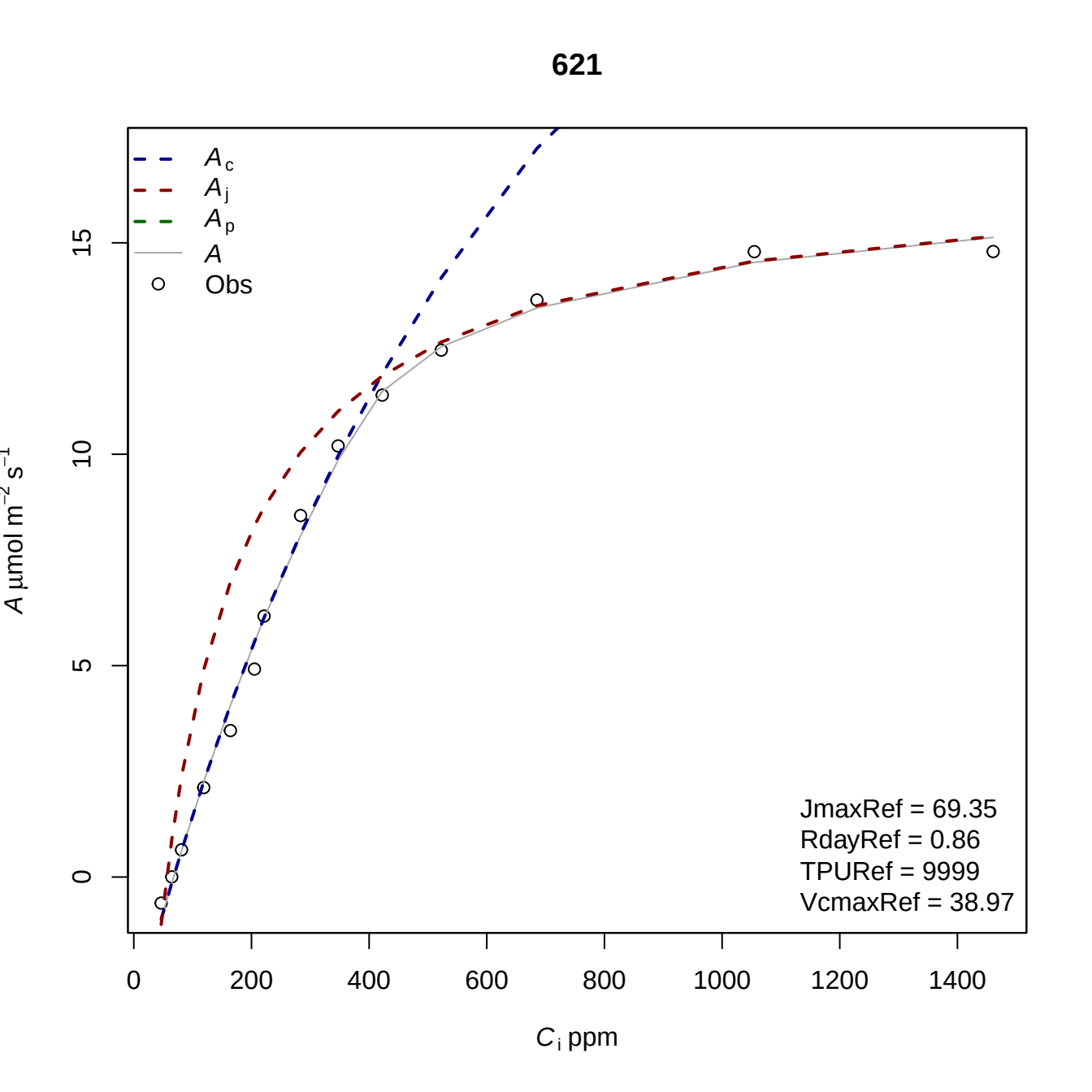

616
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.36
TPURef = 9999
VcmaxRef = 32.07
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

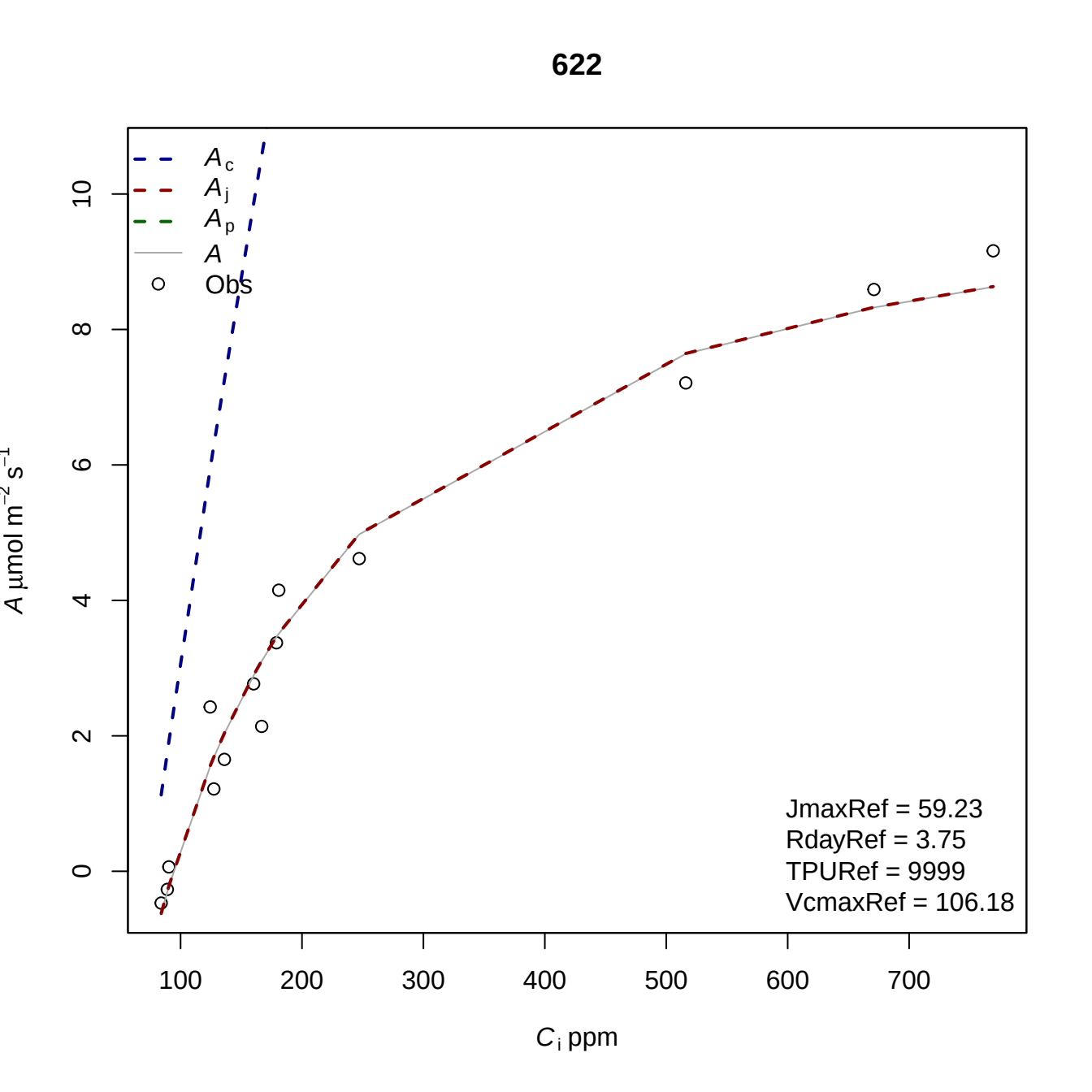

617
A_c
A_j
A_p
A
Obs
JmaxRef = 144.84
RdayRef = −3.06
TPURef = 7.19
VcmaxRef = 110.53
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

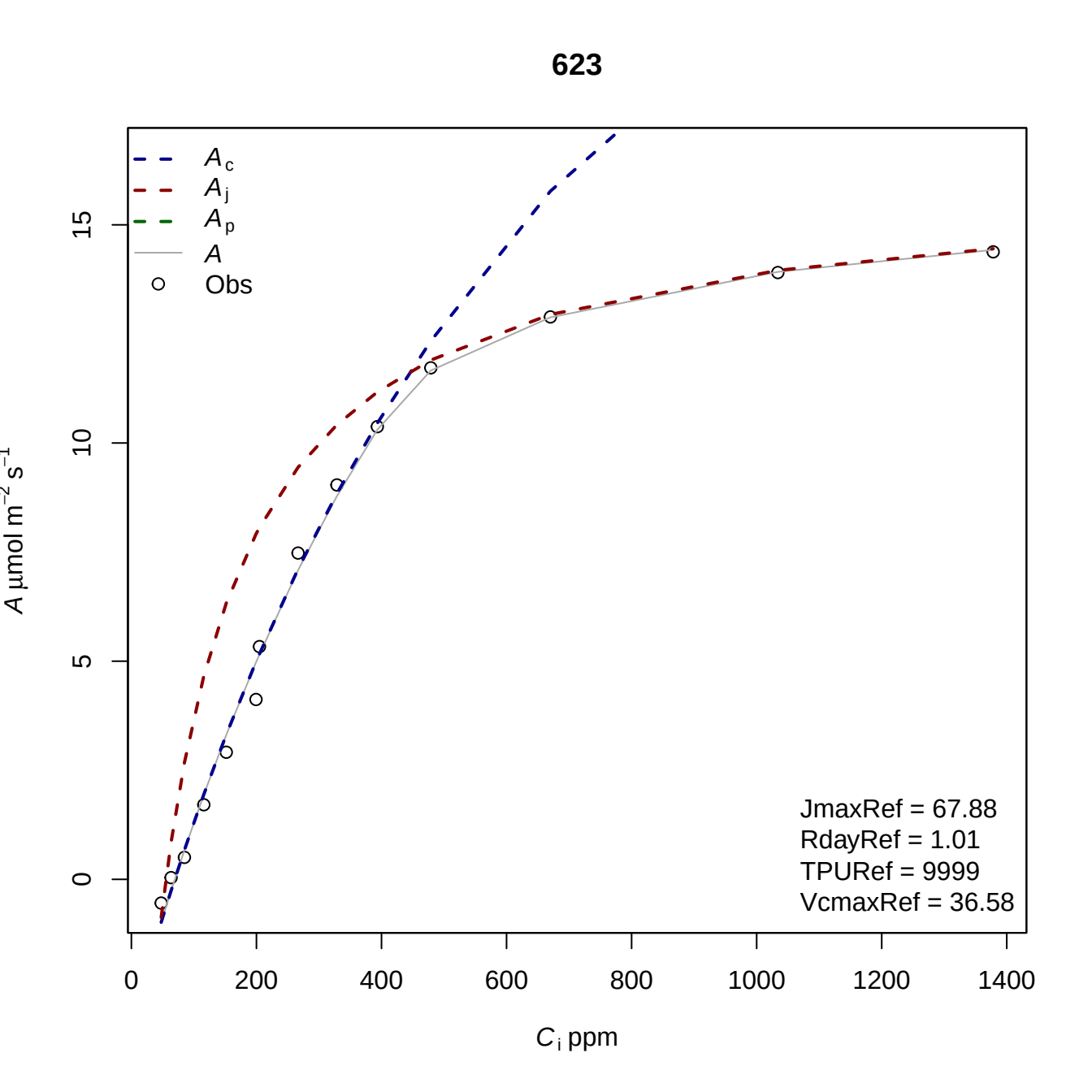

618
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.88
TPURef = 5.74
VcmaxRef = 55.89
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

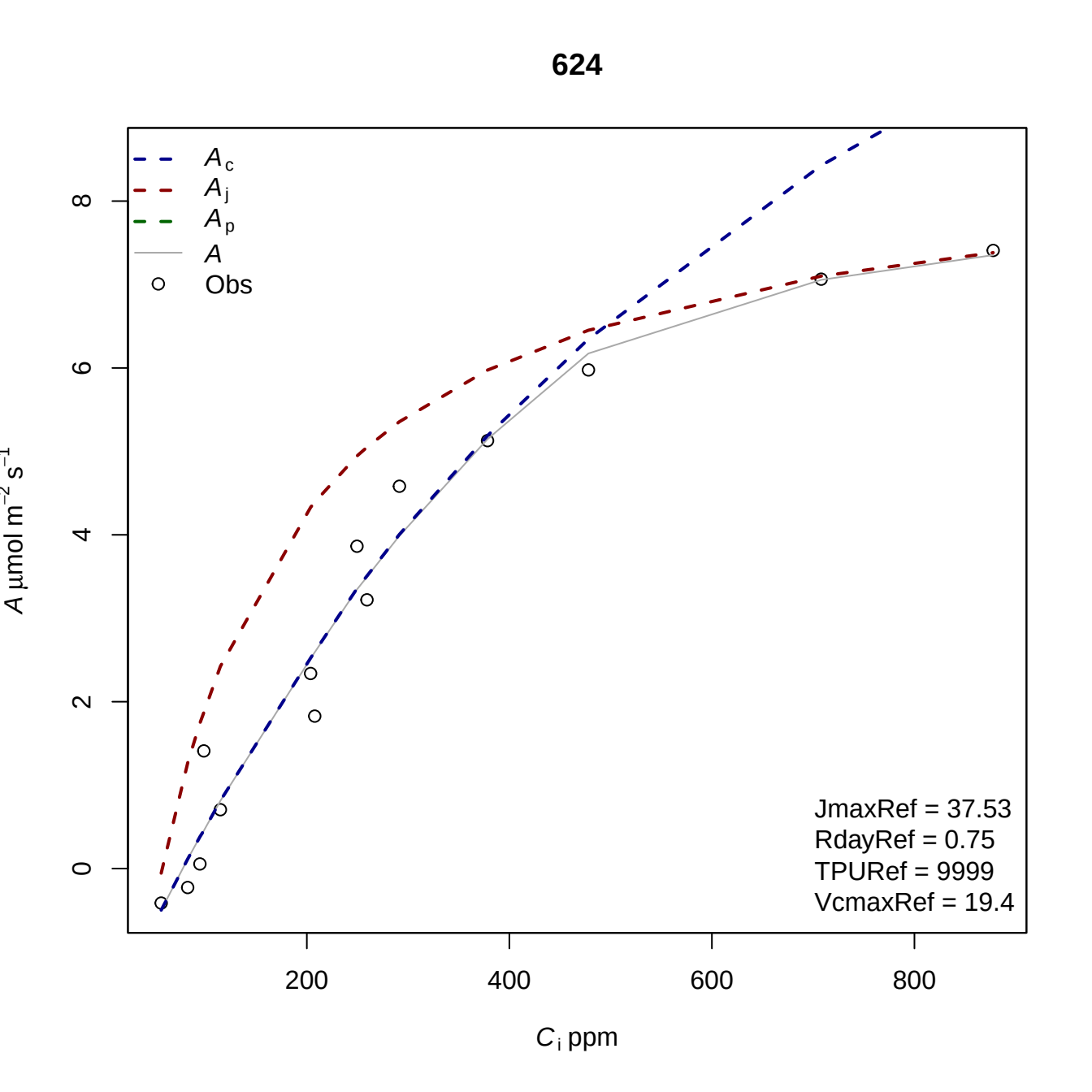

619
A_c
A_j
A_p
A
Obs
JmaxRef = 60.49
RdayRef = 0.49
TPURef = 3.8
VcmaxRef = 36.44
A µmol m^{-2} s^{-1}
0
5
10
0
500
1000
1500
C_i ppm

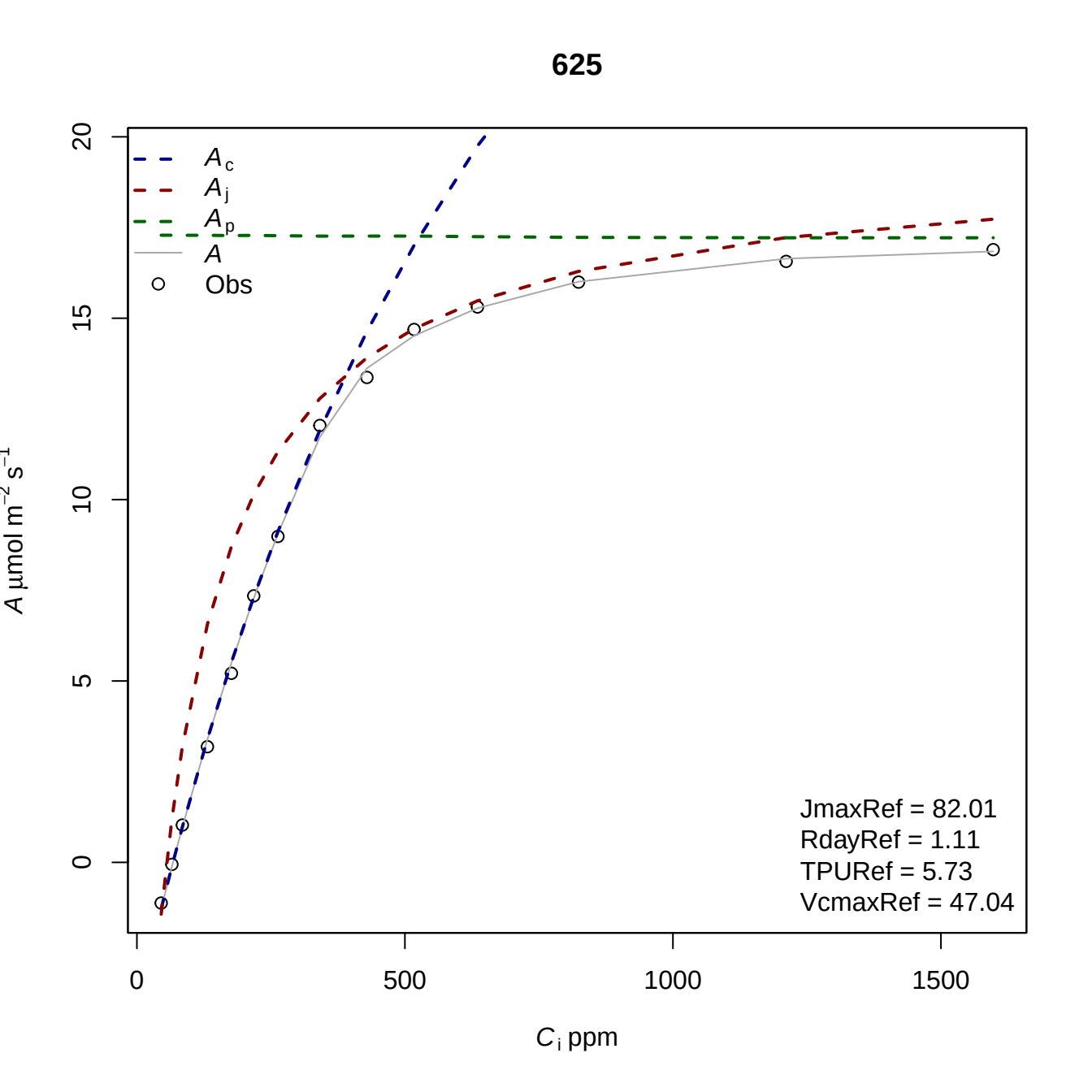

620
A_c
A_j
A_p
A
Obs
JmaxRef = 99
RdayRef = −6.35
TPURef = 4.73
VcmaxRef = 128.6
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
0
200
400
600
800
1000

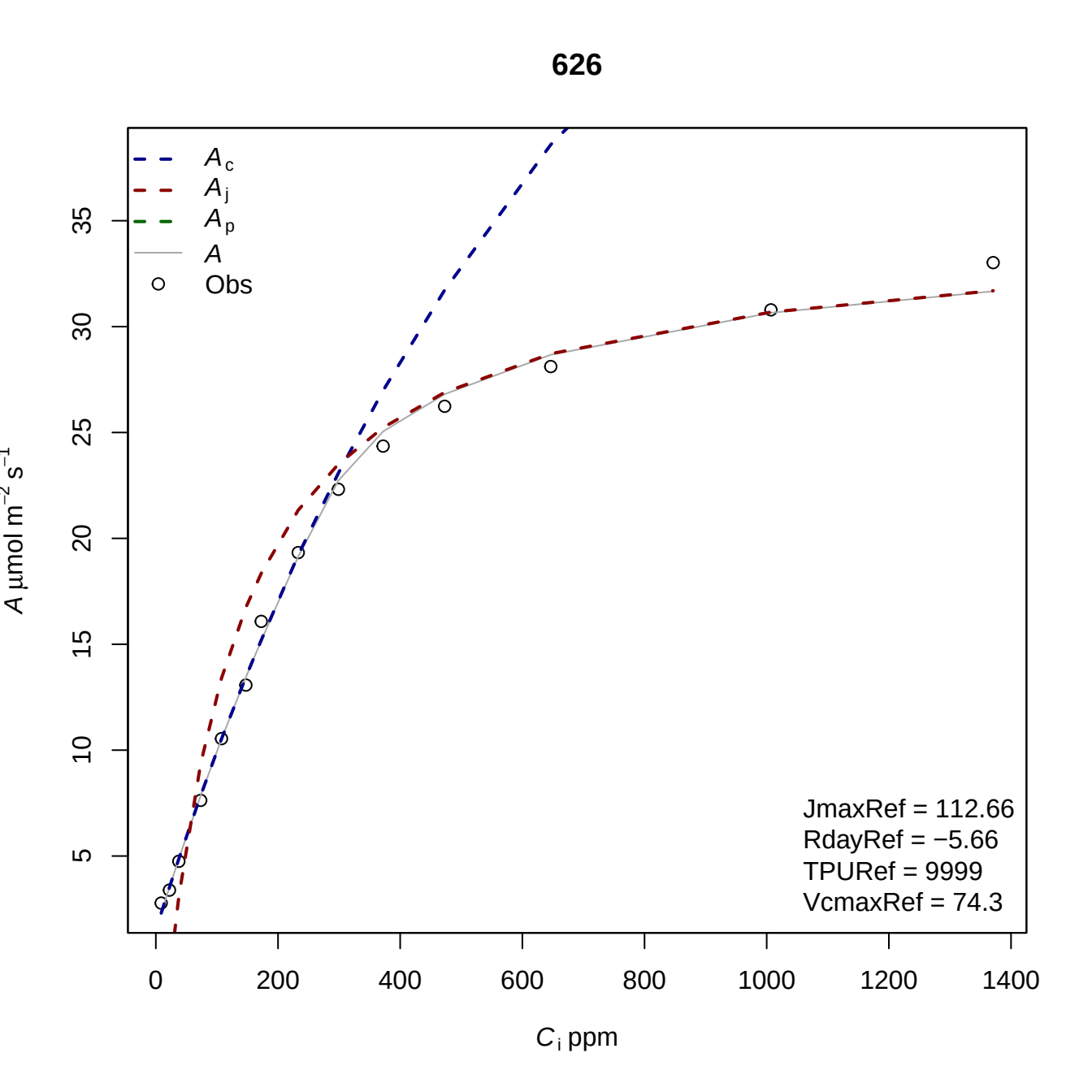

621
A_c
A_j
A_p
A
Obs
JmaxRef = 69.35
RdayRef = 0.86
TPURef = 9999
VcmaxRef = 38.97
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

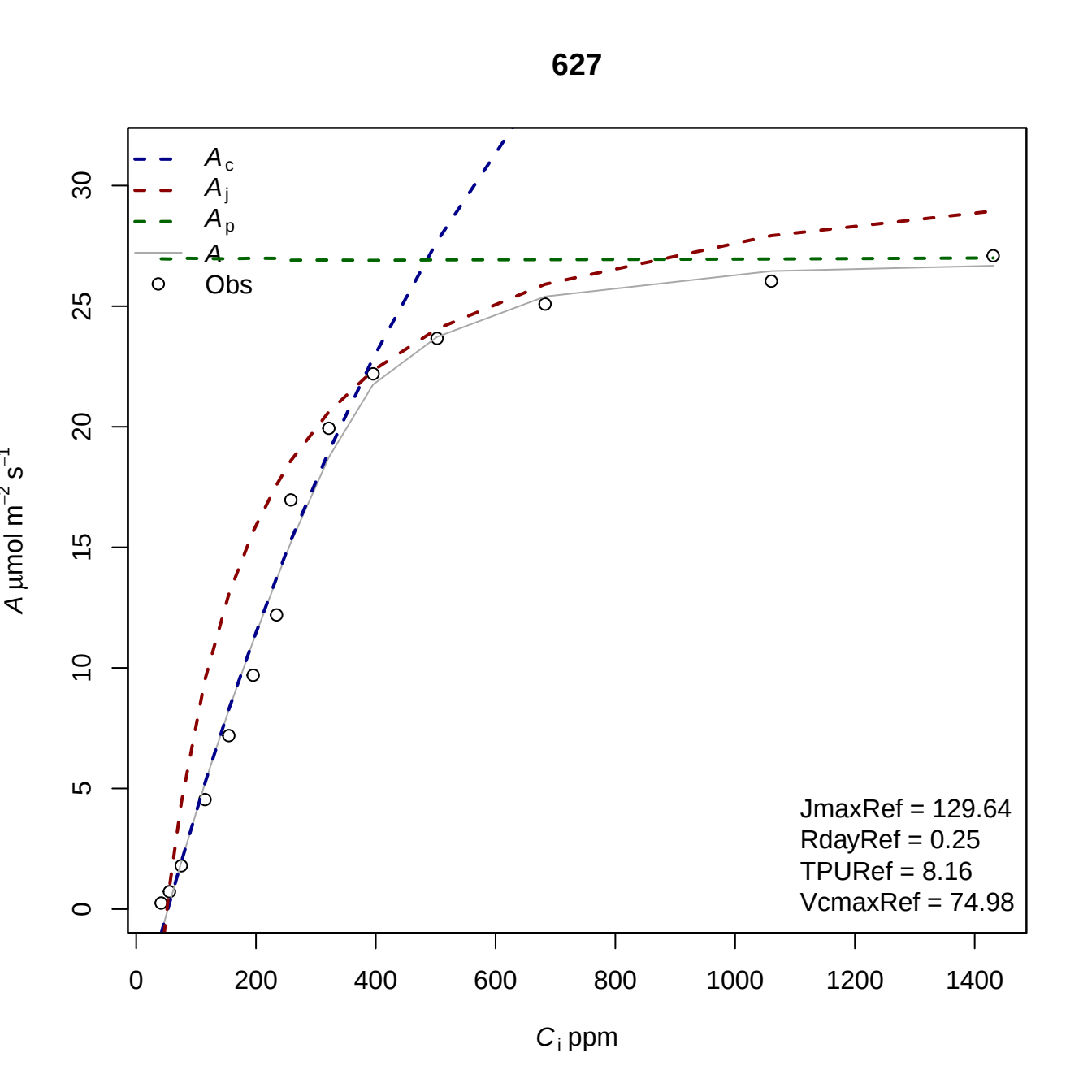

622
A_c
A_j
A_p
A
Obs
A µmol m^{-2} s^{-1}
0
2
4
6
8
10
100
200
300
400
500
600
700
C_i ppm
JmaxRef = 59.23
RdayRef = 3.75
TPURef = 9999
VcmaxRef = 106.18

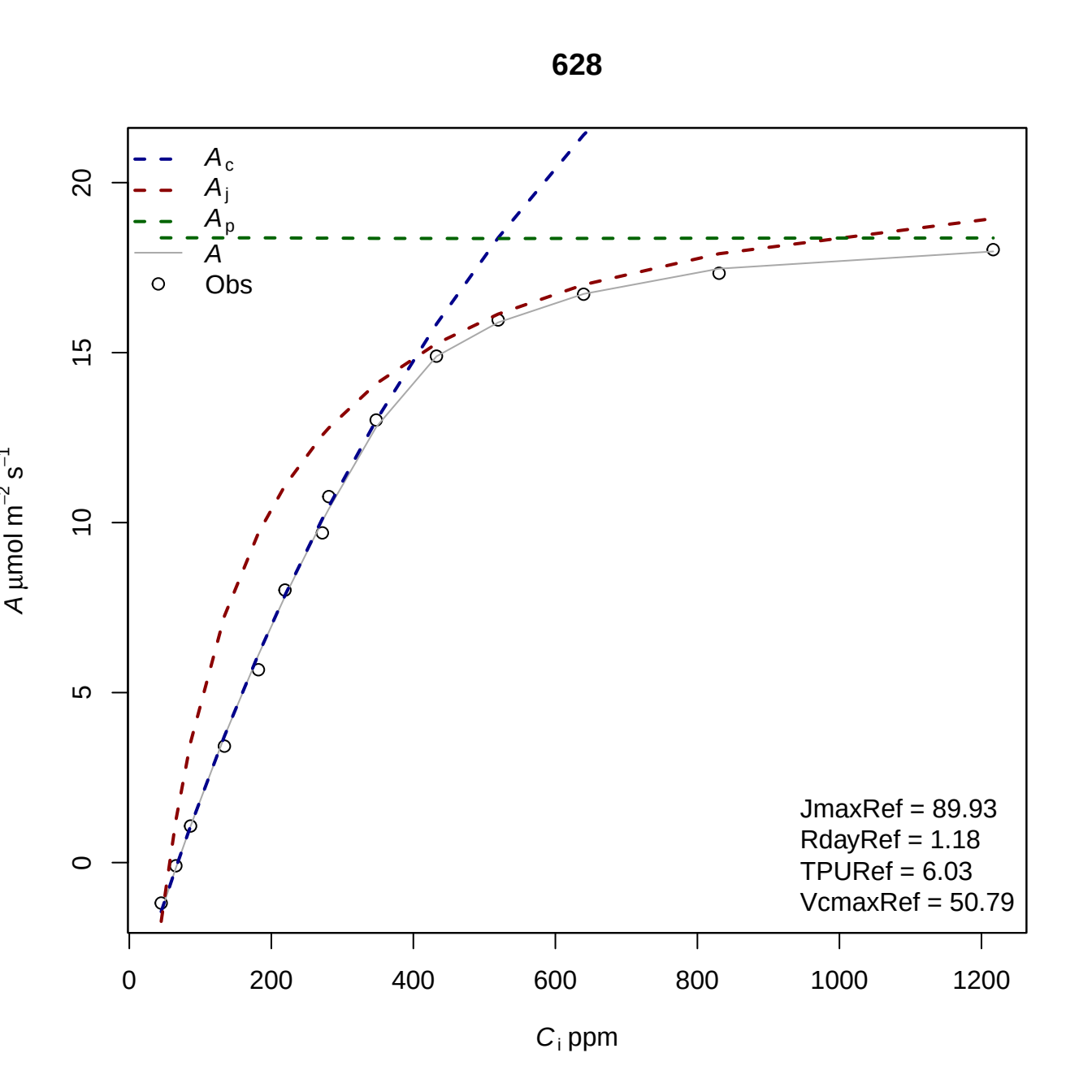

623
A_c
A_j
A_p
A
Obs
JmaxRef = 67.88
RdayRef = 1.01
TPURef = 9999
VcmaxRef = 36.58
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

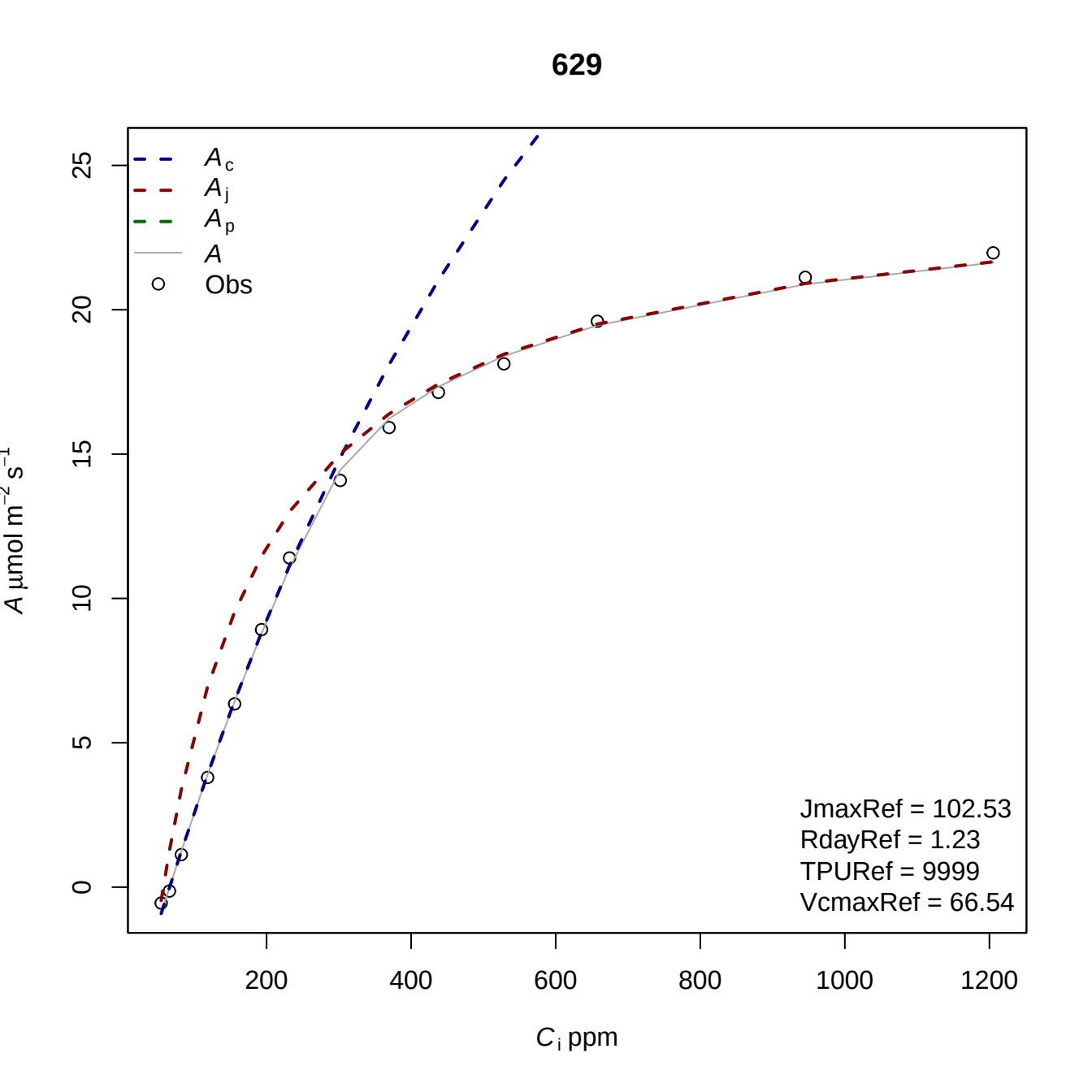

624
A_c
A_j
A_p
A
Obs
JmaxRef = 37.53
RdayRef = 0.75
TPURef = 9999
VcmaxRef = 19.4
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
200
400
600
800

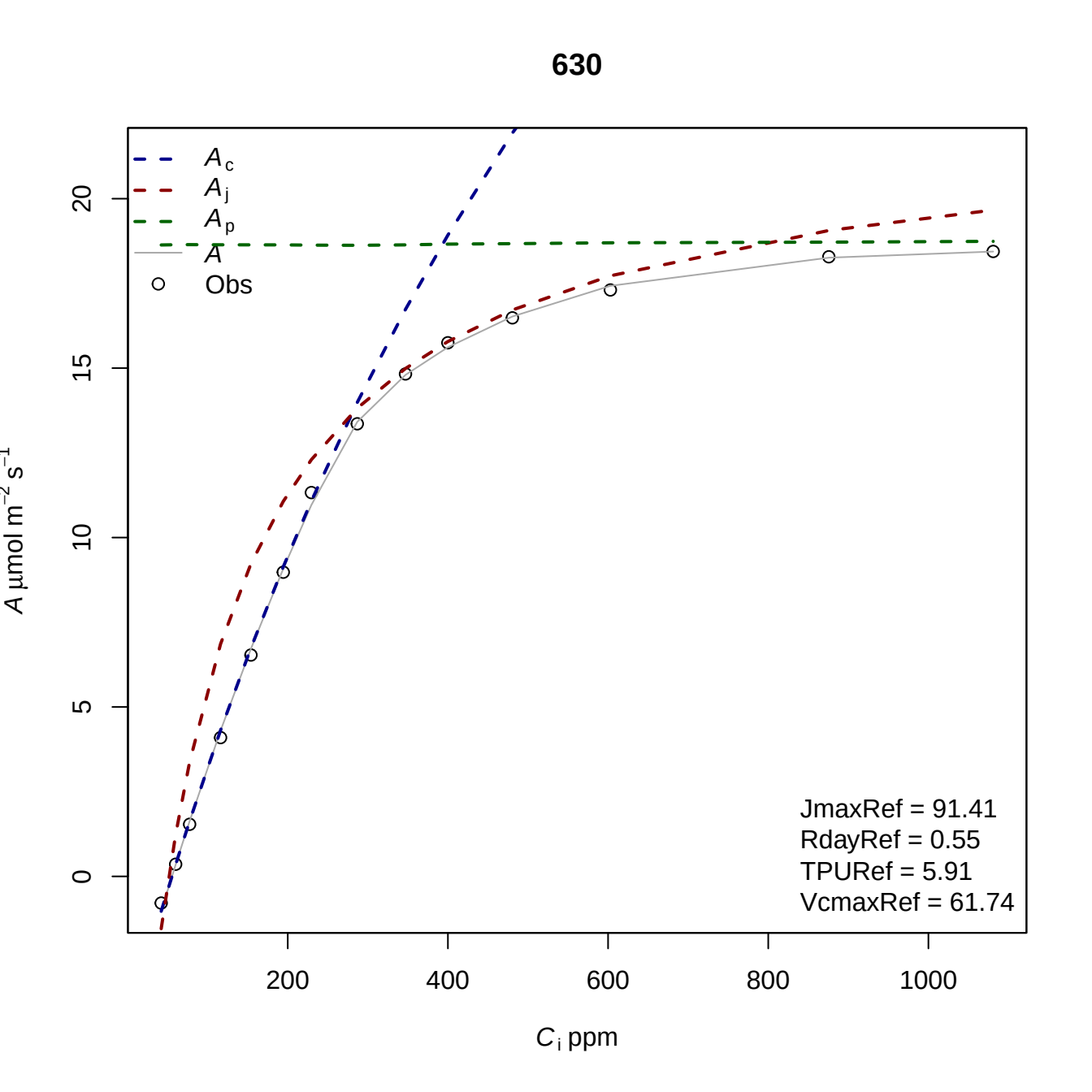

625
A_c
A_j
A_p
A
Obs
JmaxRef = 82.01
RdayRef = 1.11
TPURef = 5.73
VcmaxRef = 47.04
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

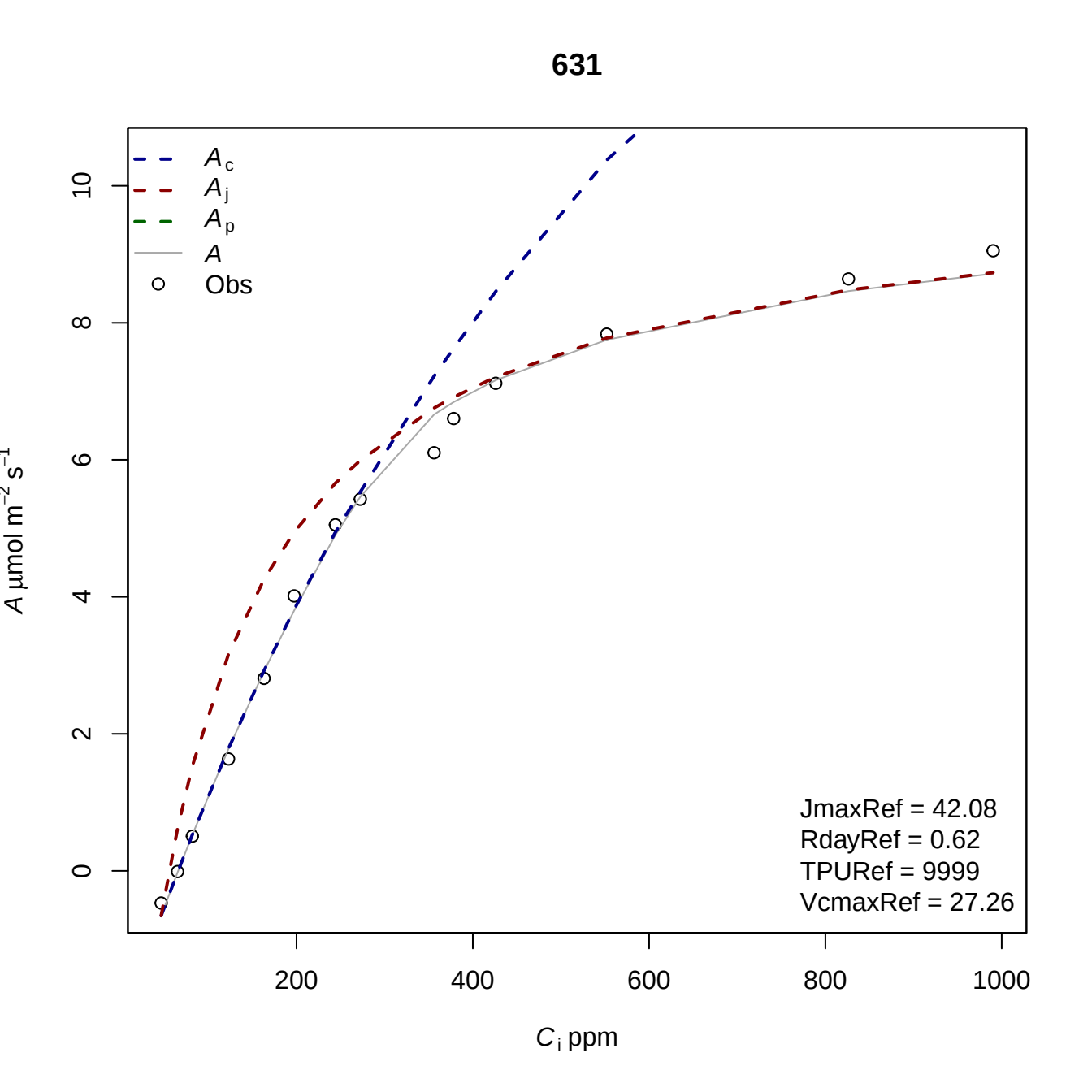

626
A_c
A_j
A_p
A
Obs
JmaxRef = 112.66
RdayRef = −5.66
TPURef = 9999
VcmaxRef = 74.3
A µmol m^{-2} s^{-1}
C_i ppm
0
200
400
600
800
1000
1200
1400
5
10
15
20
25
30
35

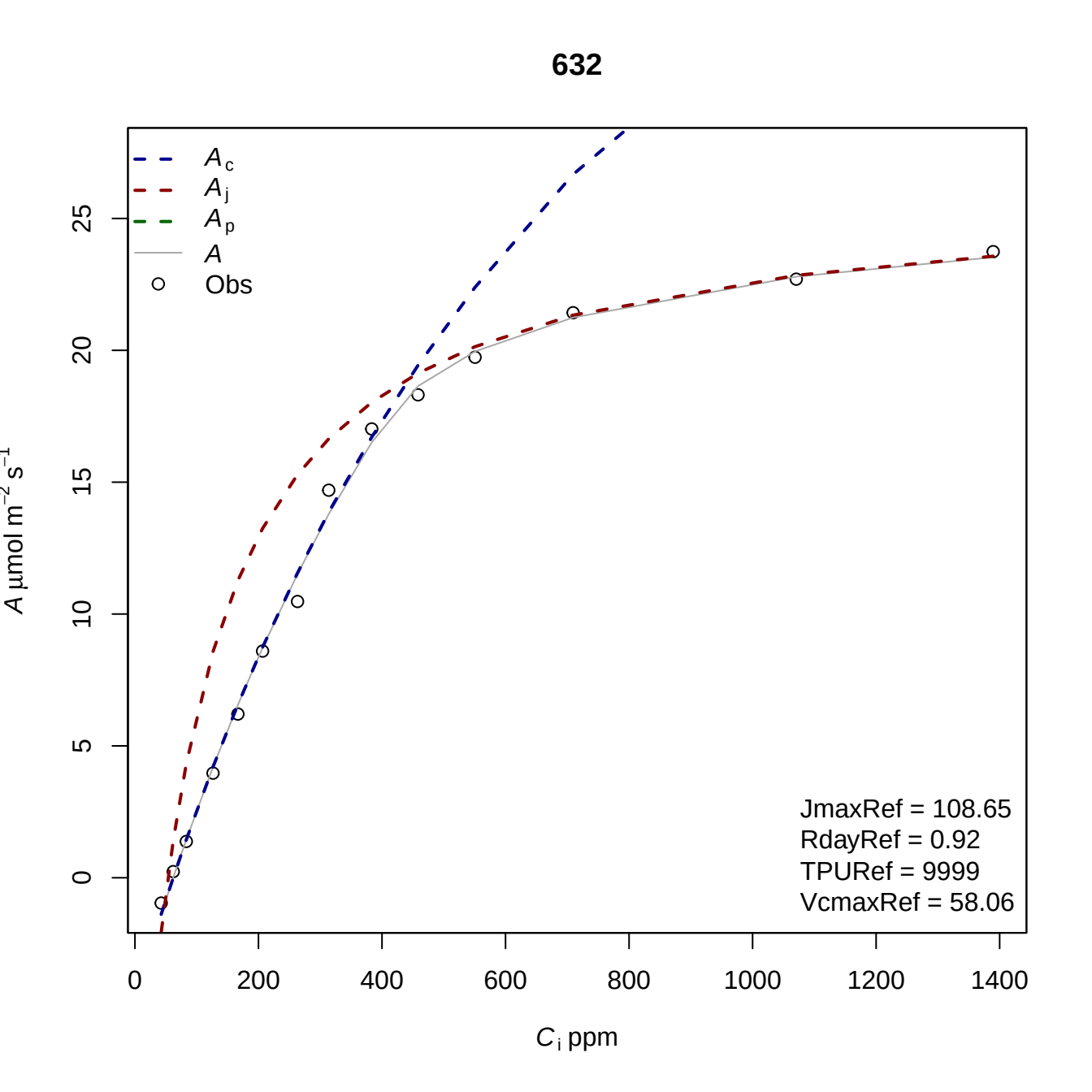

627
A_c
A_j
A_p
A
Obs
JmaxRef = 129.64
RdayRef = 0.25
TPURef = 8.16
VcmaxRef = 74.98
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

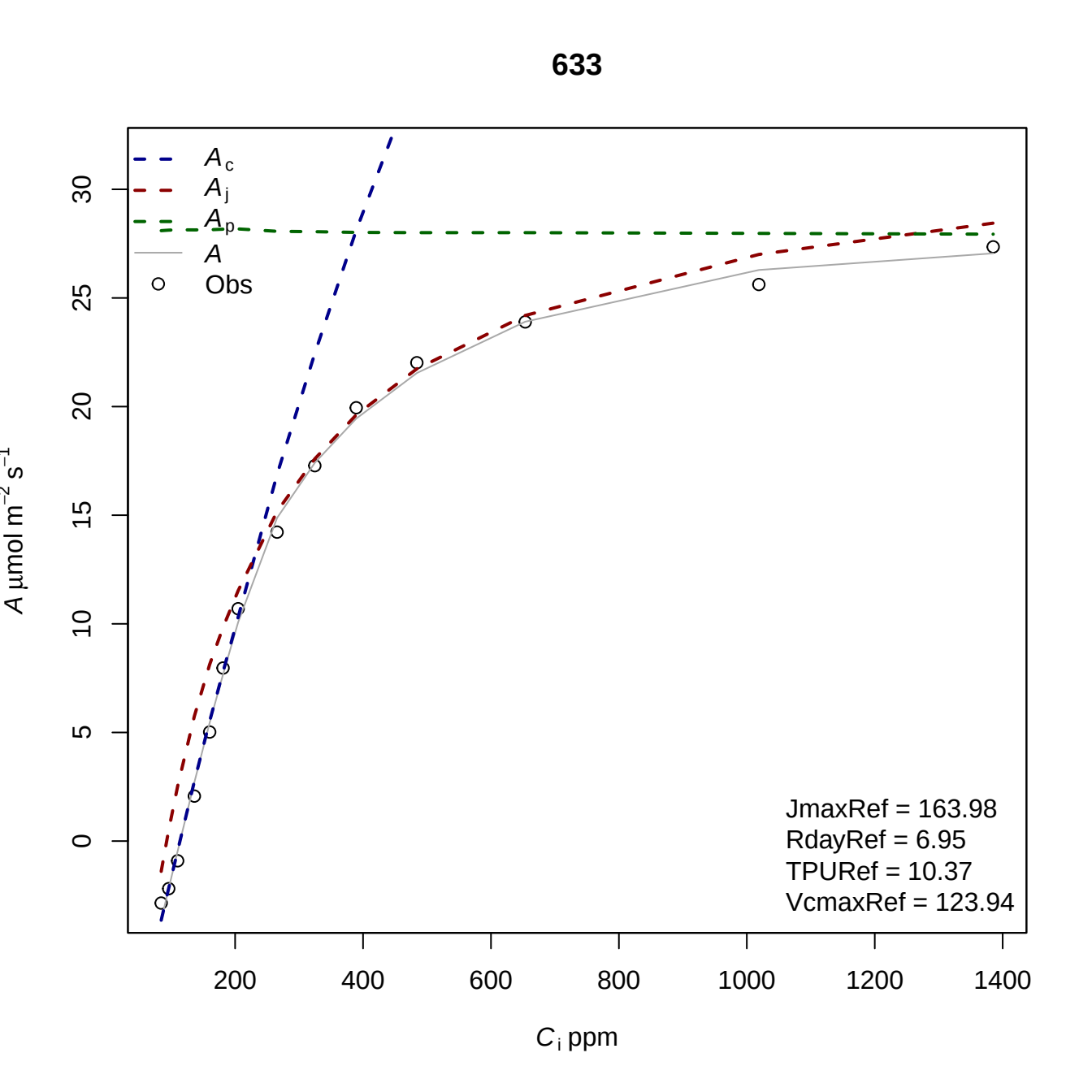

628
A_c
A_j
A_p
A
Obs
JmaxRef = 89.93
RdayRef = 1.18
TPURef = 6.03
VcmaxRef = 50.79
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

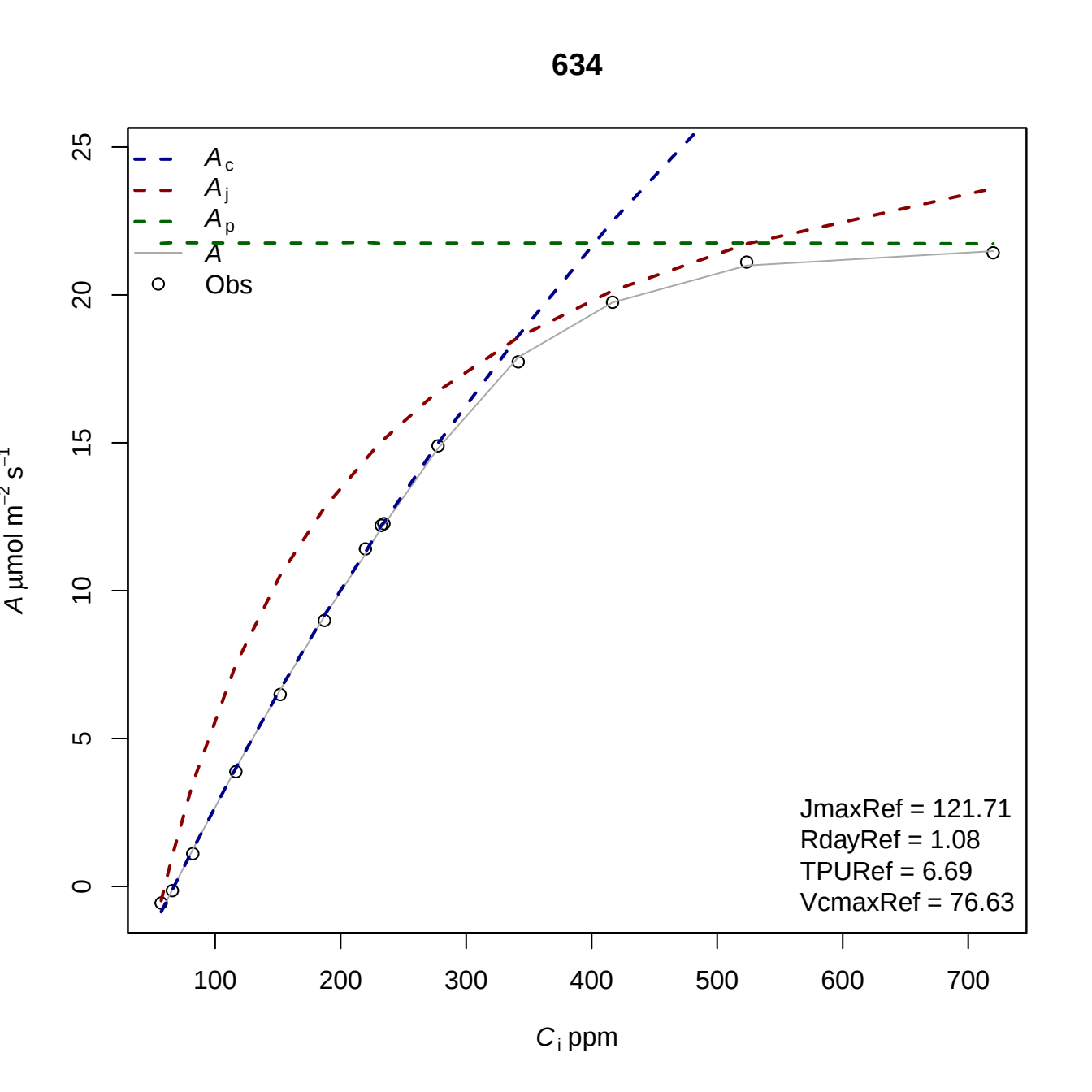

629
A_c
A_j
A_p
A
Obs
JmaxRef = 102.53
RdayRef = 1.23
TPURef = 9999
VcmaxRef = 66.54
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000
1200

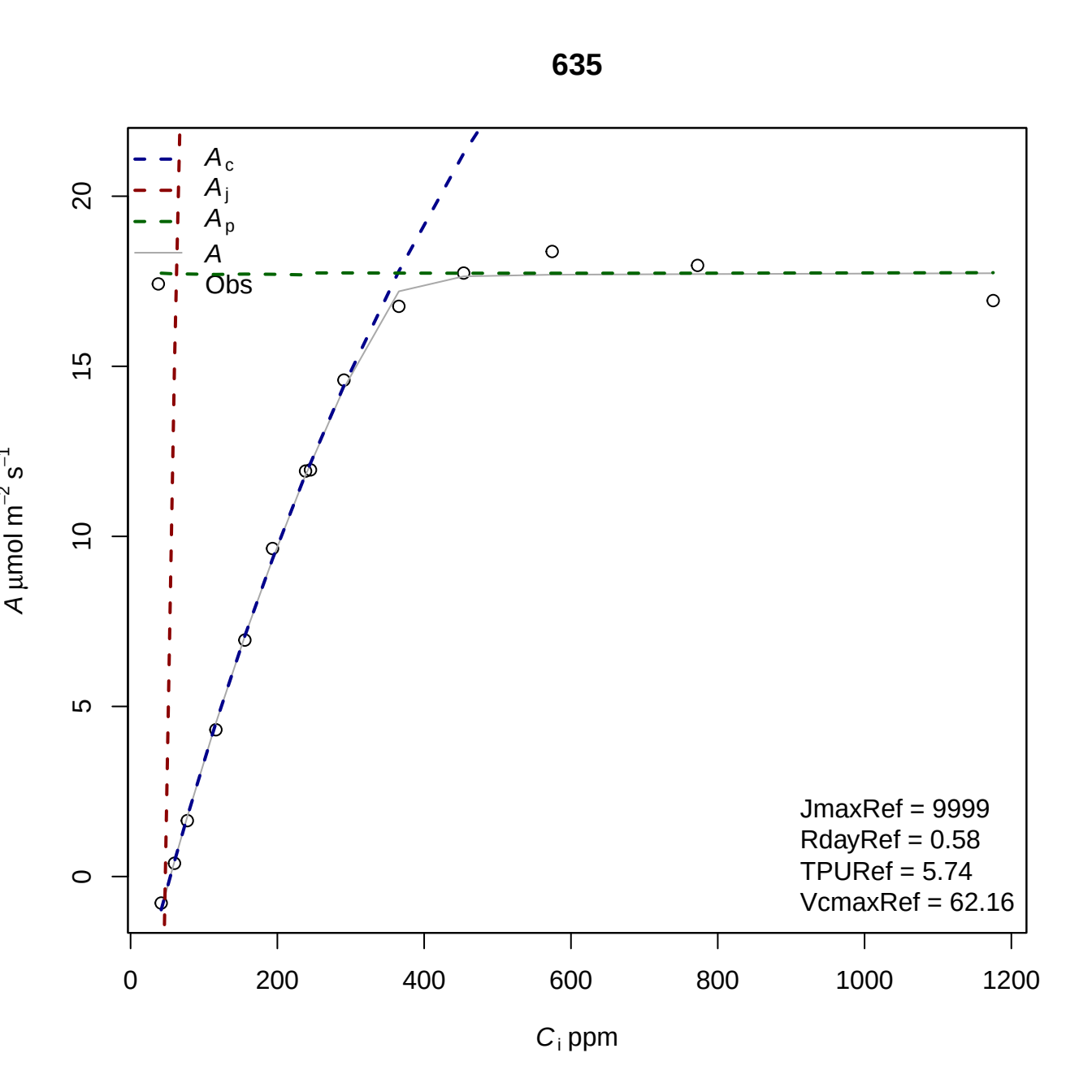

630
A_c
A_j
A_p
A
Obs
JmaxRef = 91.41
RdayRef = 0.55
TPURef = 5.91
VcmaxRef = 61.74
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

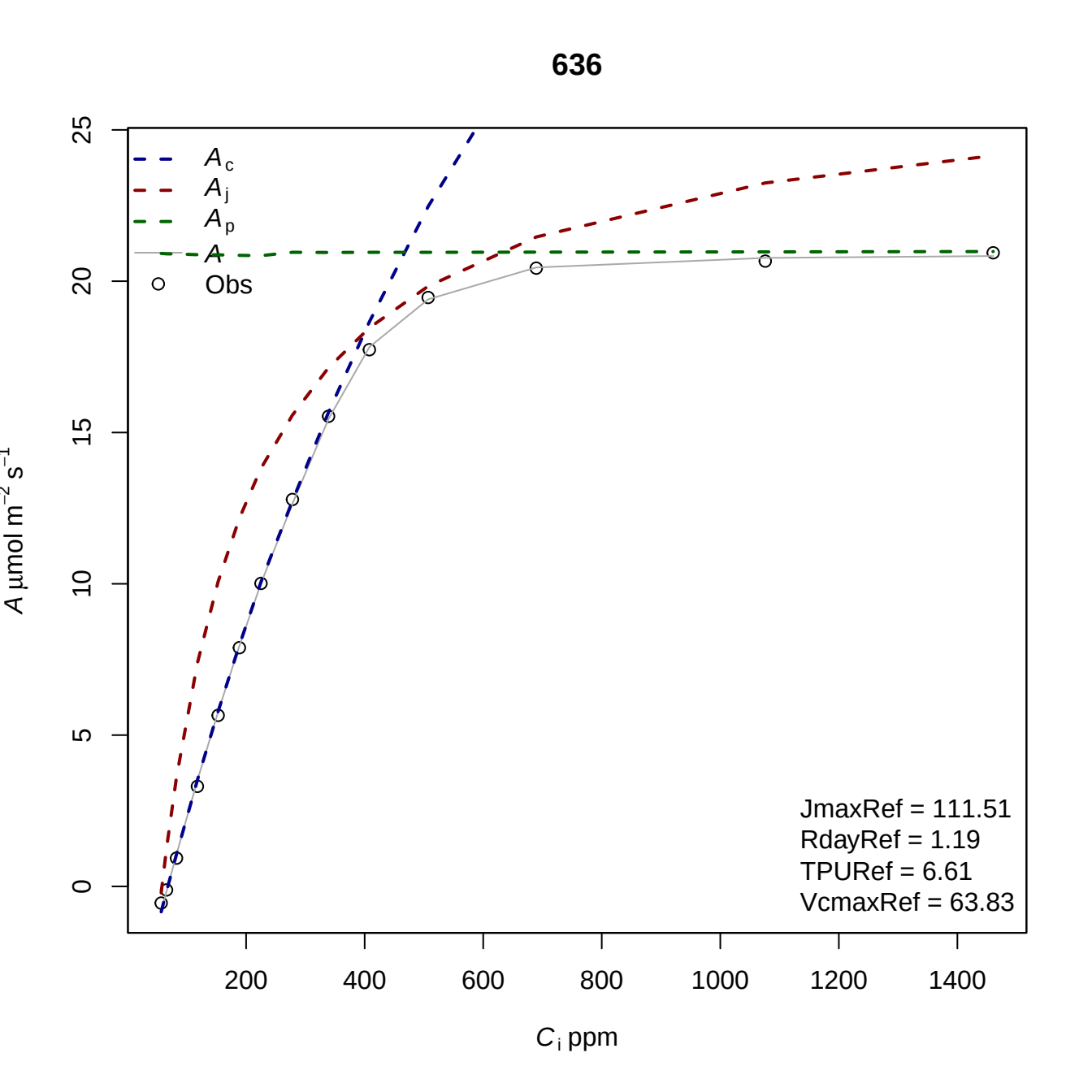

631
A_c
A_j
A_p
A
Obs
JmaxRef = 42.08
RdayRef = 0.62
TPURef = 9999
VcmaxRef = 27.26
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000

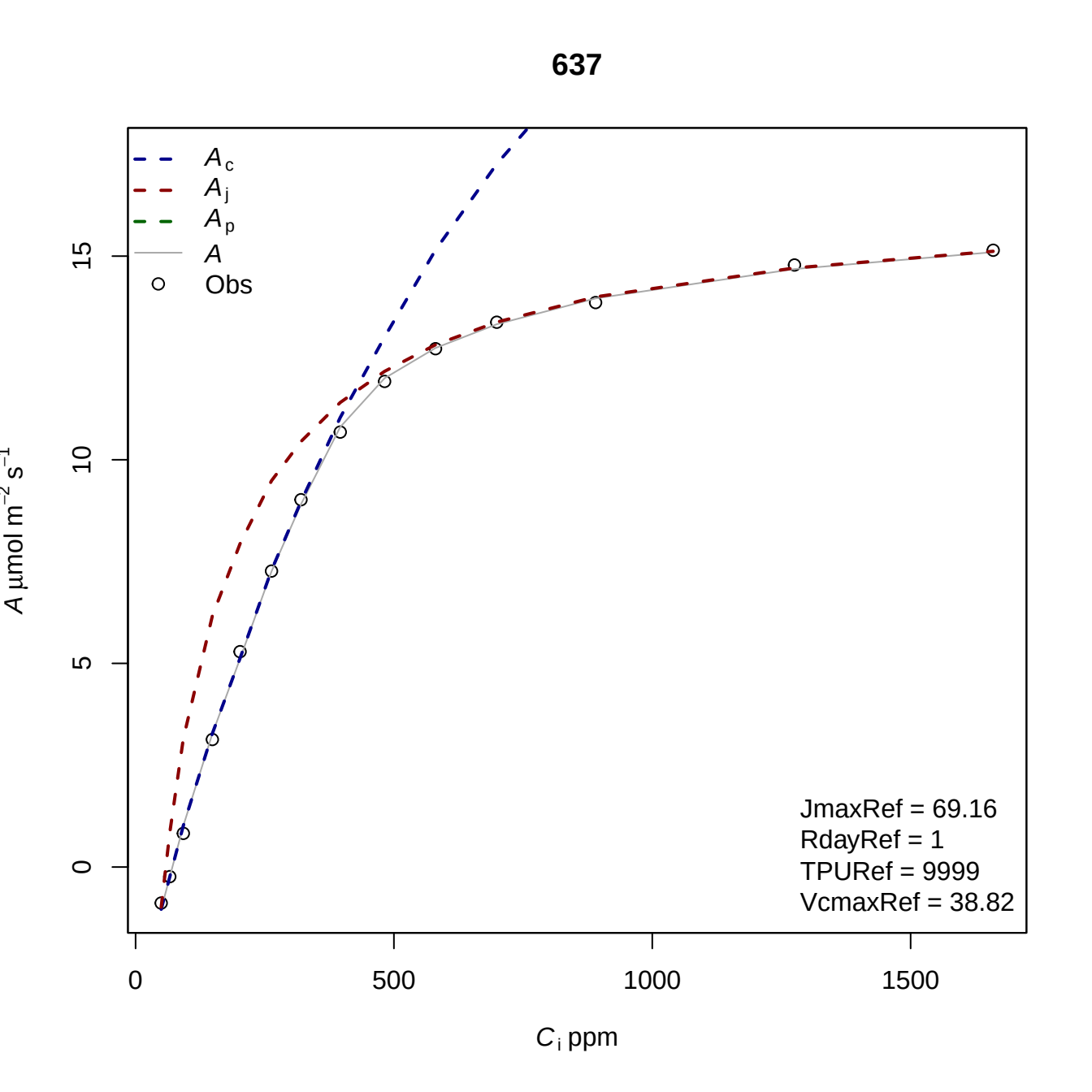

632
A_c
A_j
A_p
A
Obs
JmaxRef = 108.65
RdayRef = 0.92
TPURef = 9999
VcmaxRef = 58.06
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

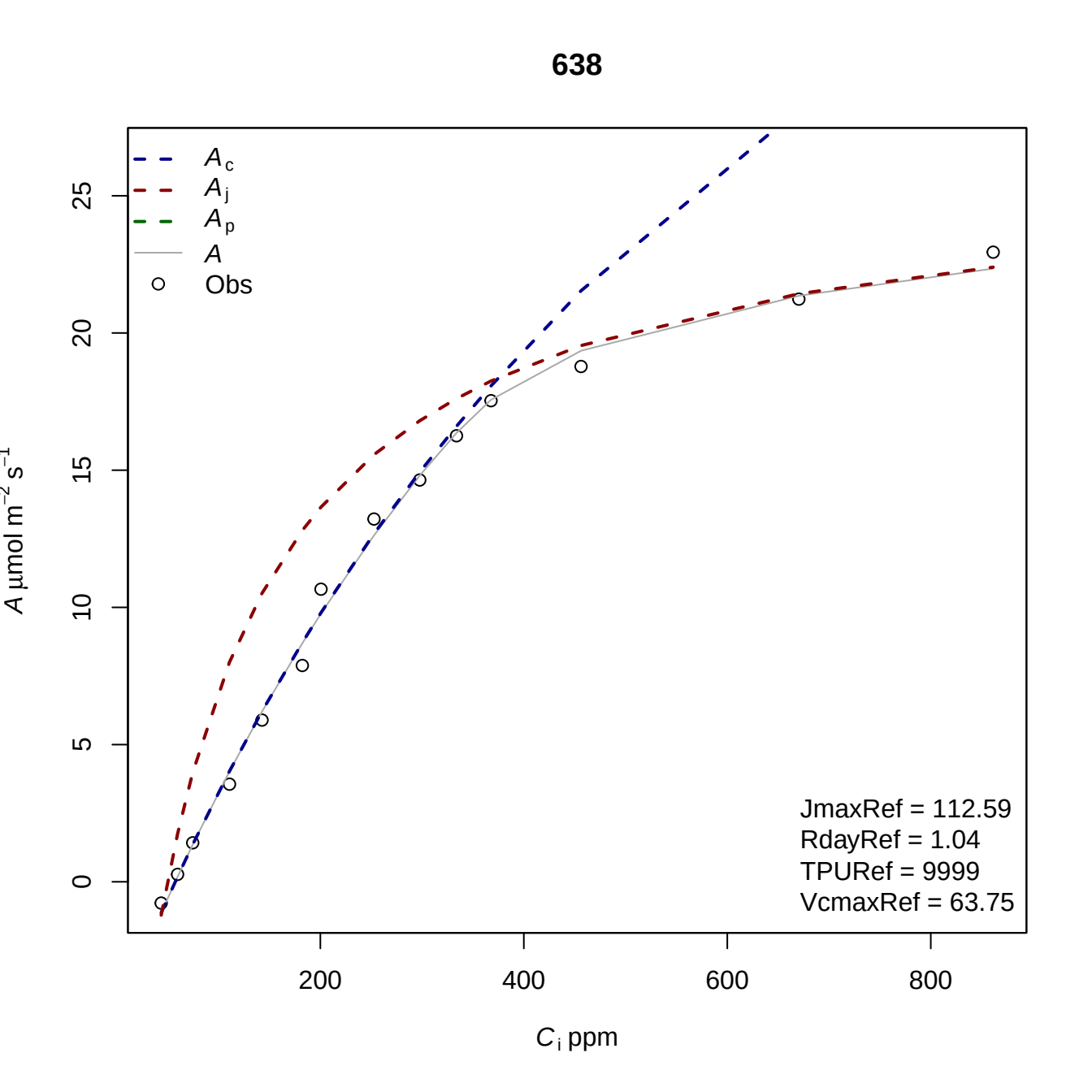

633
A_c
A_j
A_p
A
Obs
JmaxRef = 163.98
RdayRef = 6.95
TPURef = 10.37
VcmaxRef = 123.94
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000
1200
1400

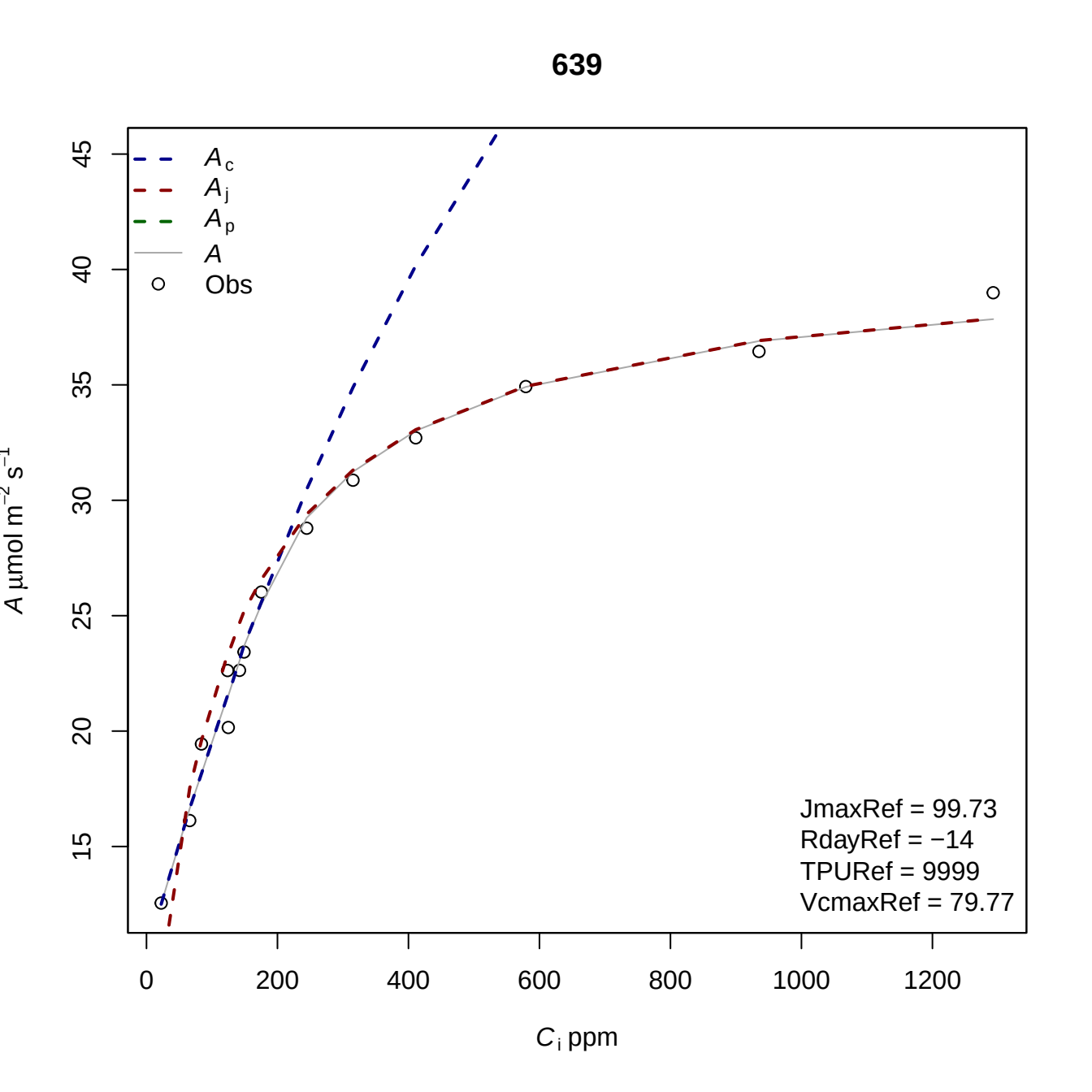

634
A_c
A_j
A_p
A
Obs
JmaxRef = 121.71
RdayRef = 1.08
TPURef = 6.69
VcmaxRef = 76.63
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
100
200
300
400
500
600
700

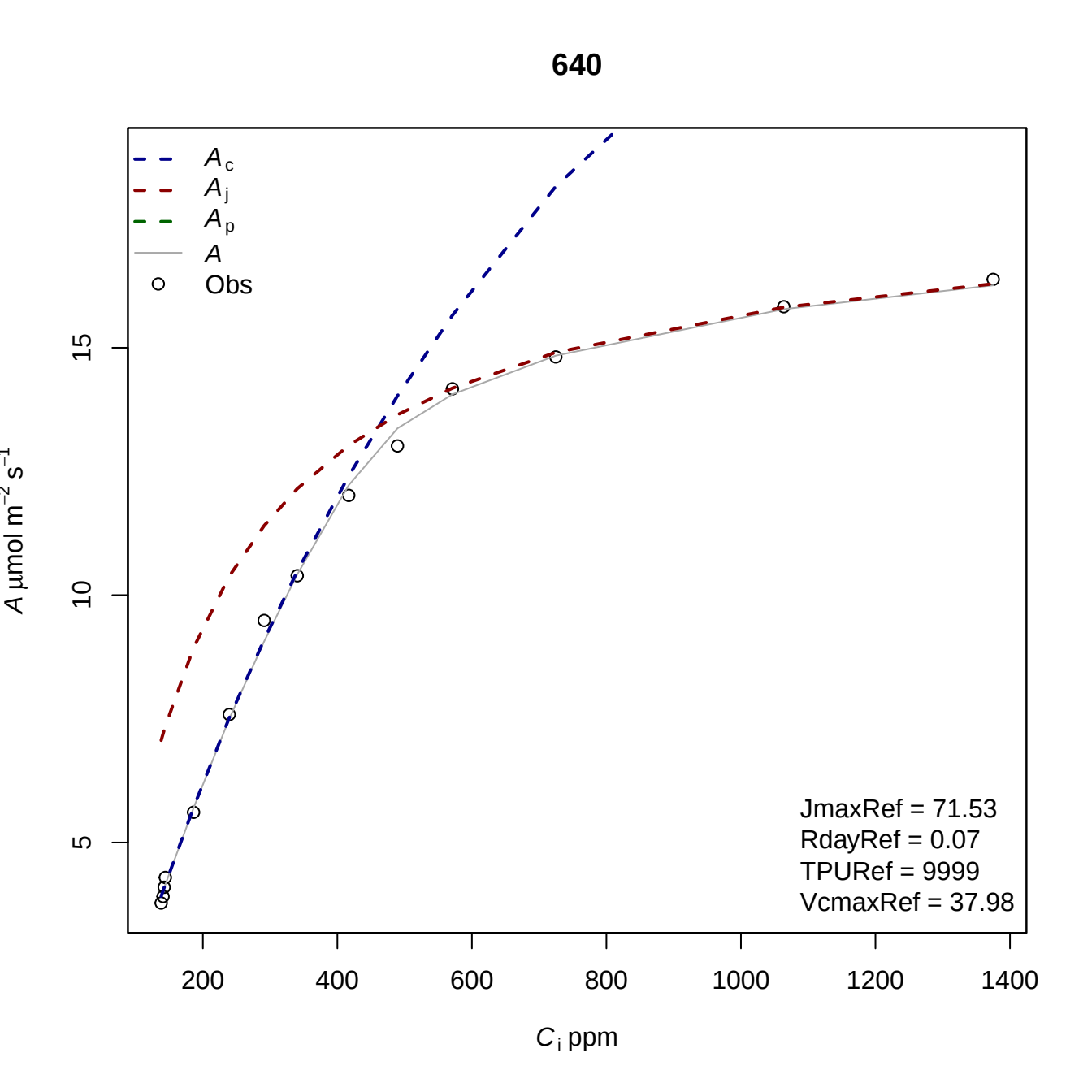

635
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.58
TPURef = 5.74
VcmaxRef = 62.16
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

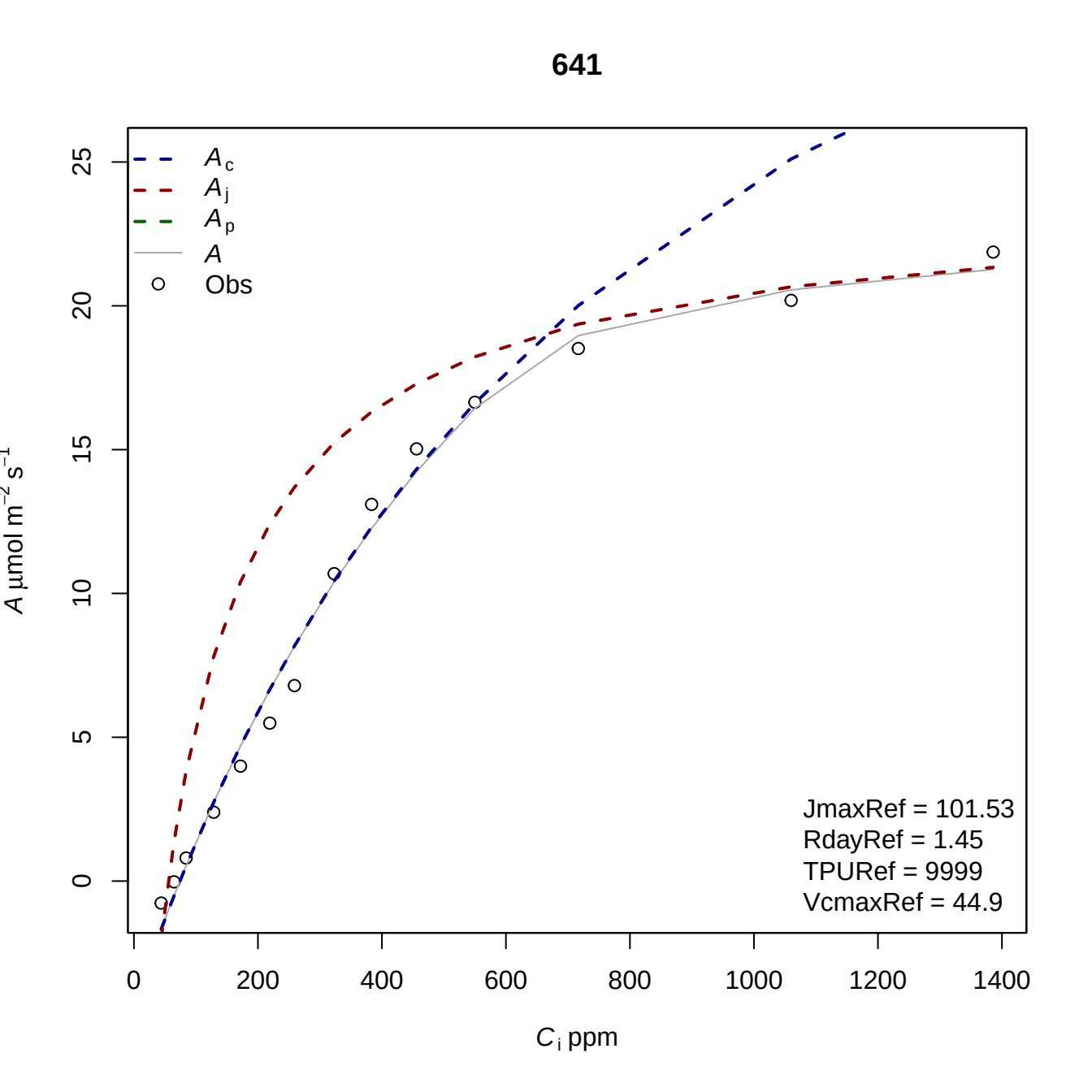

636
A_c
A_j
A_p
A
Obs
JmaxRef = 111.51
RdayRef = 1.19
TPURef = 6.61
VcmaxRef = 63.83
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000
1200
1400

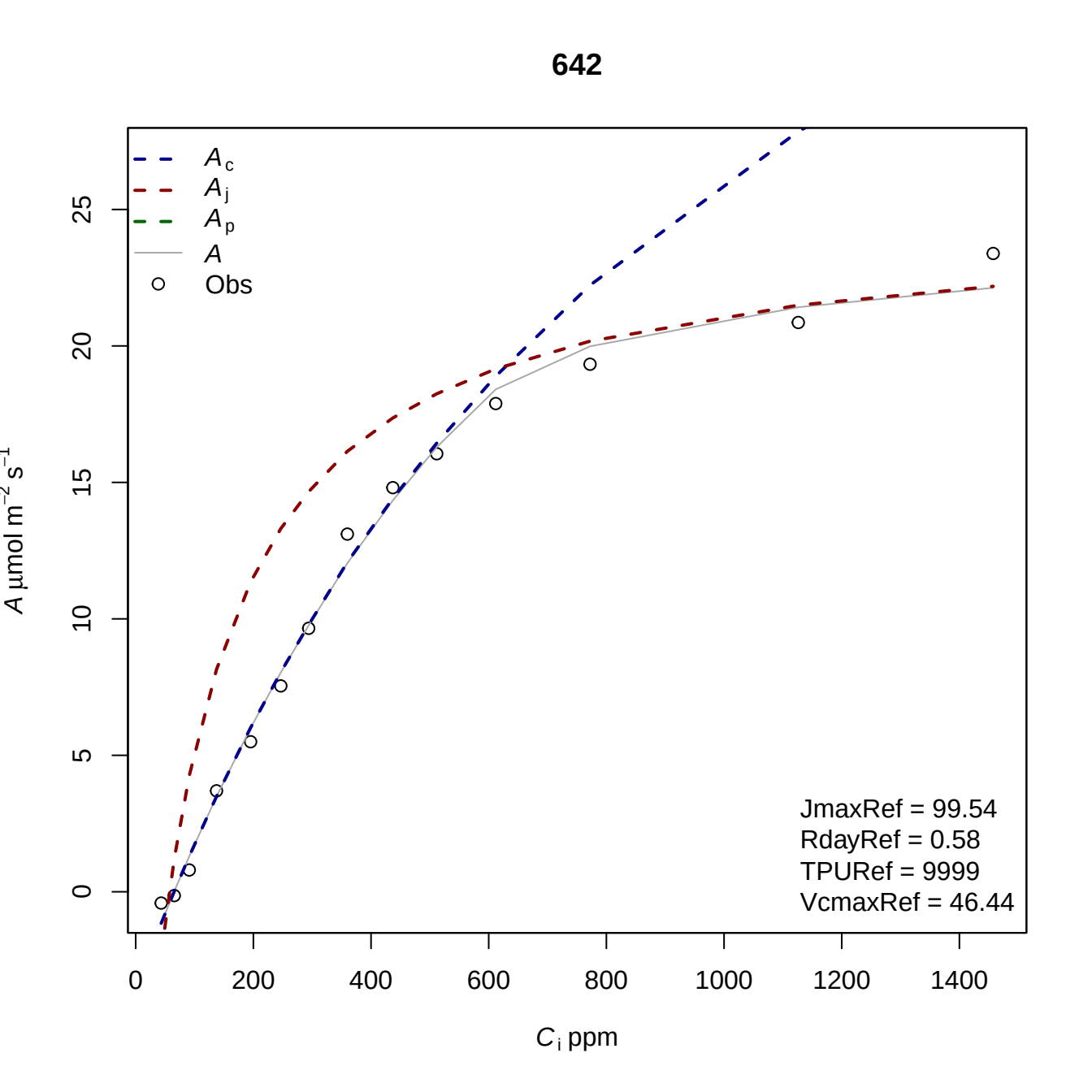

637
A_c
A_j
A_p
A
Obs
JmaxRef = 69.16
RdayRef = 1
TPURef = 9999
VcmaxRef = 38.82
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

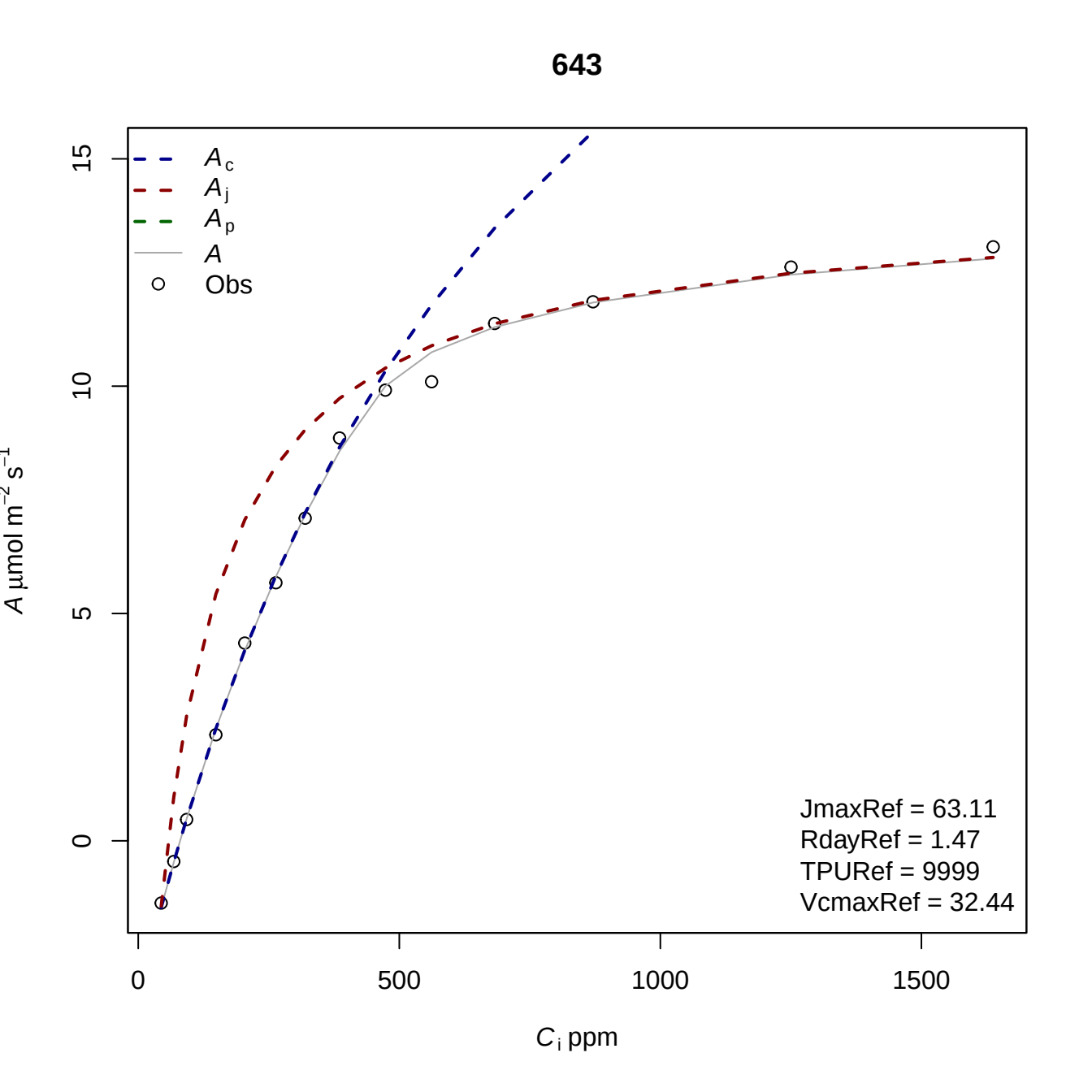

638
A_c
A_j
A_p
A
Obs
JmaxRef = 112.59
RdayRef = 1.04
TPURef = 9999
VcmaxRef = 63.75
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800

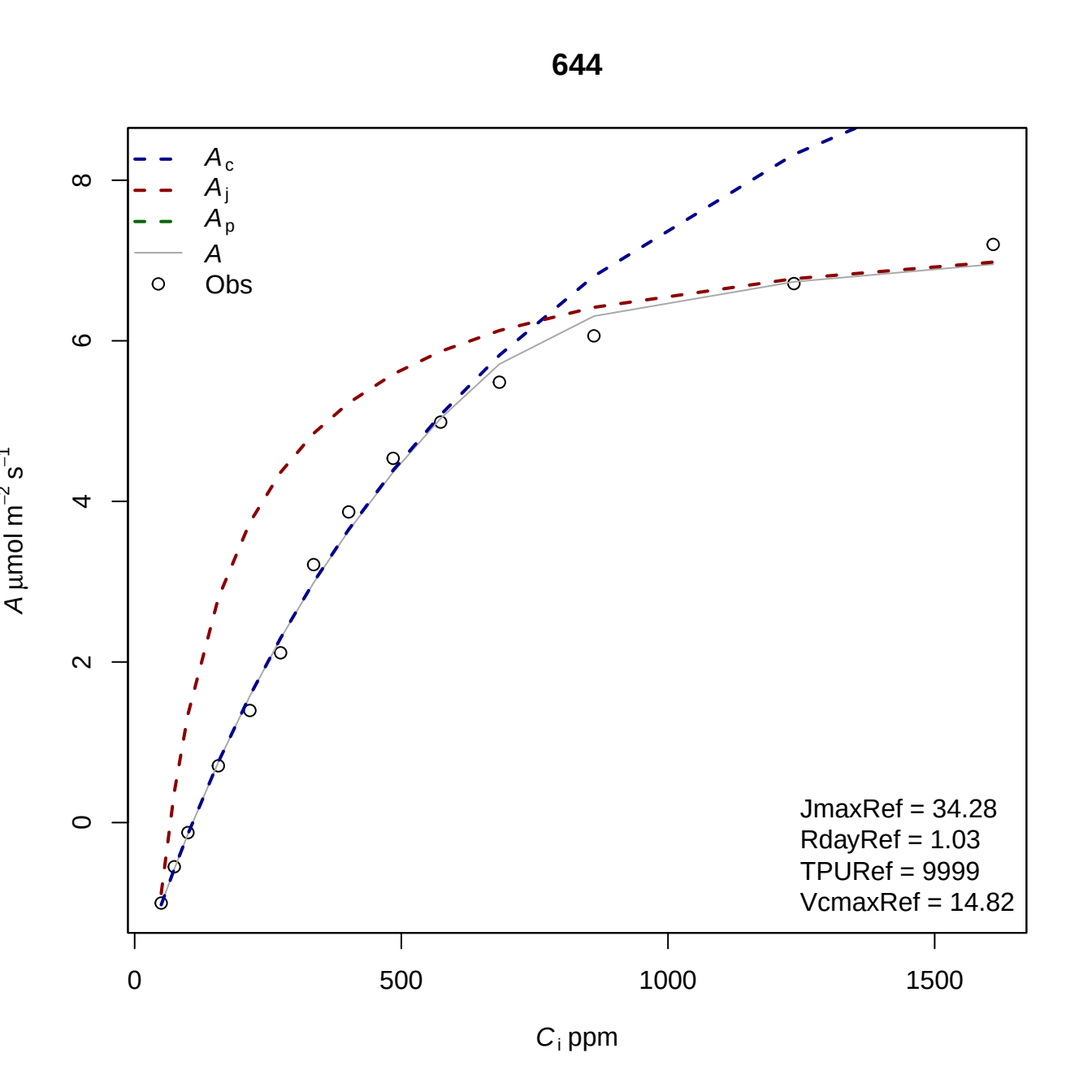

639
A_c
A_j
A_p
A
Obs
JmaxRef = 99.73
RdayRef = −14
TPURef = 9999
VcmaxRef = 79.77
A µmol m^{-2} s^{-1}
C_i ppm
0
200
400
600
800
1000
1200
15
20
25
30
35
40
45

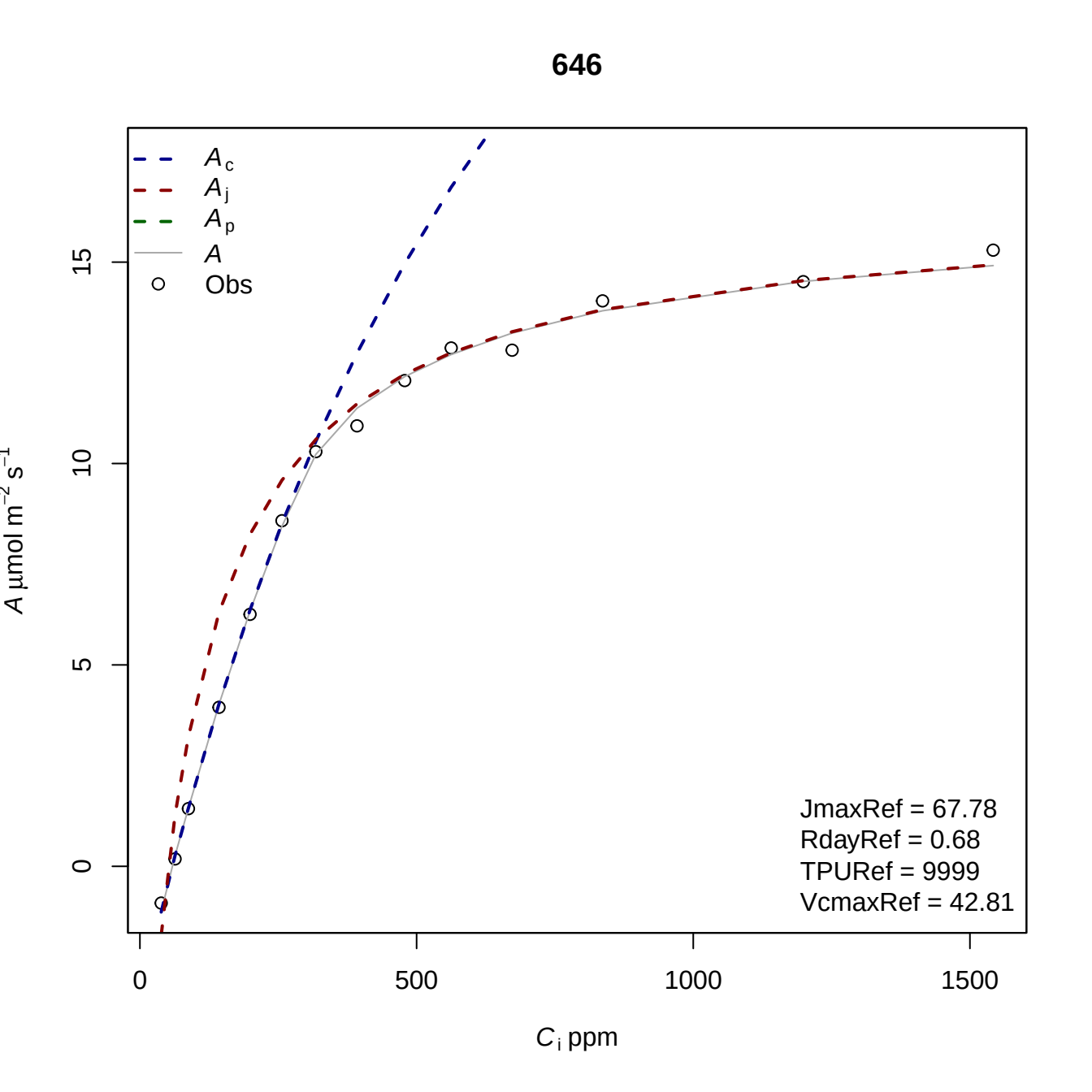

640
A_c
A_j
A_p
A
Obs
JmaxRef = 71.53
RdayRef = 0.07
TPURef = 9999
VcmaxRef = 37.98
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
200
400
600
800
1000
1200
1400

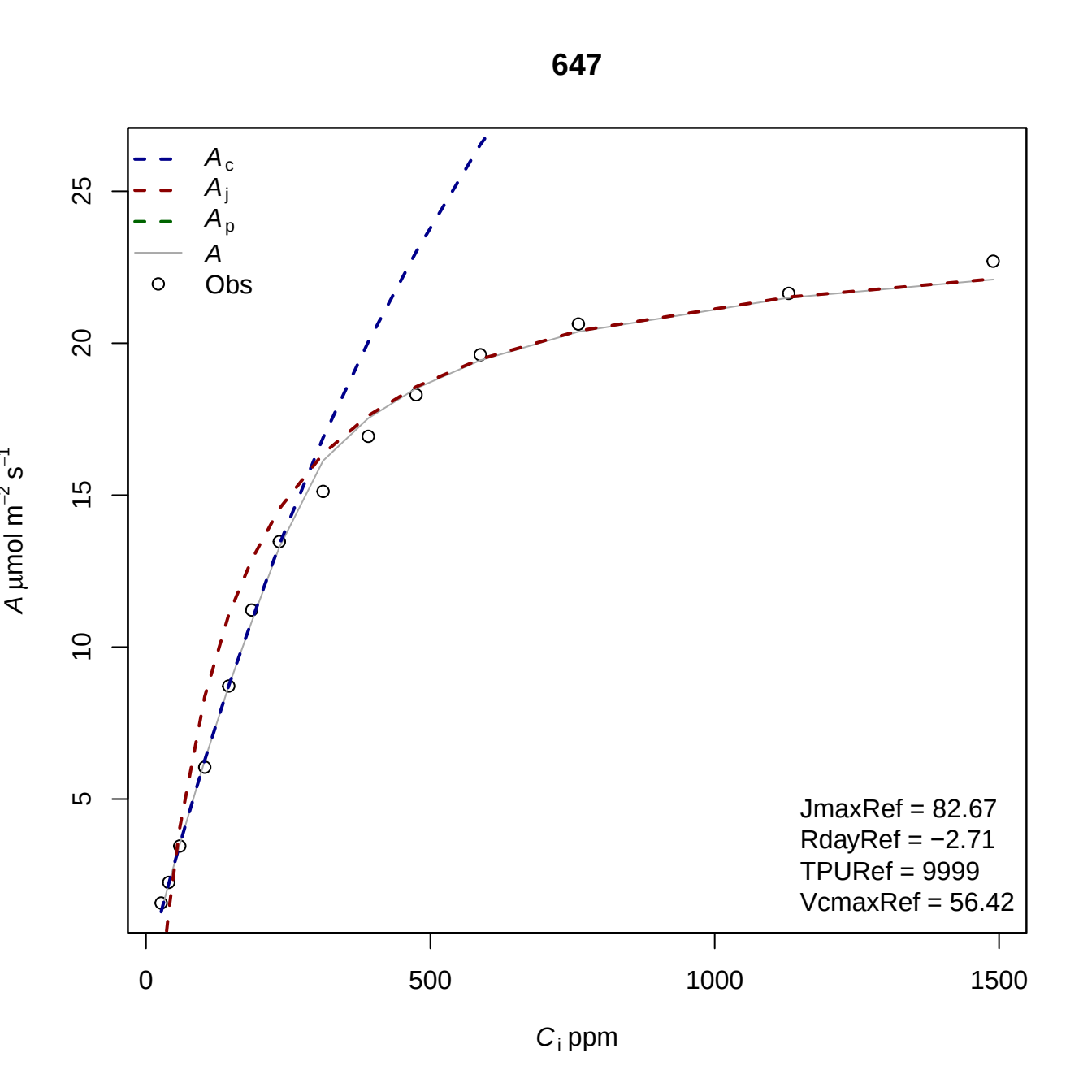

641
A_c
A_j
A_p
A
Obs
JmaxRef = 101.53
RdayRef = 1.45
TPURef = 9999
VcmaxRef = 44.9
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

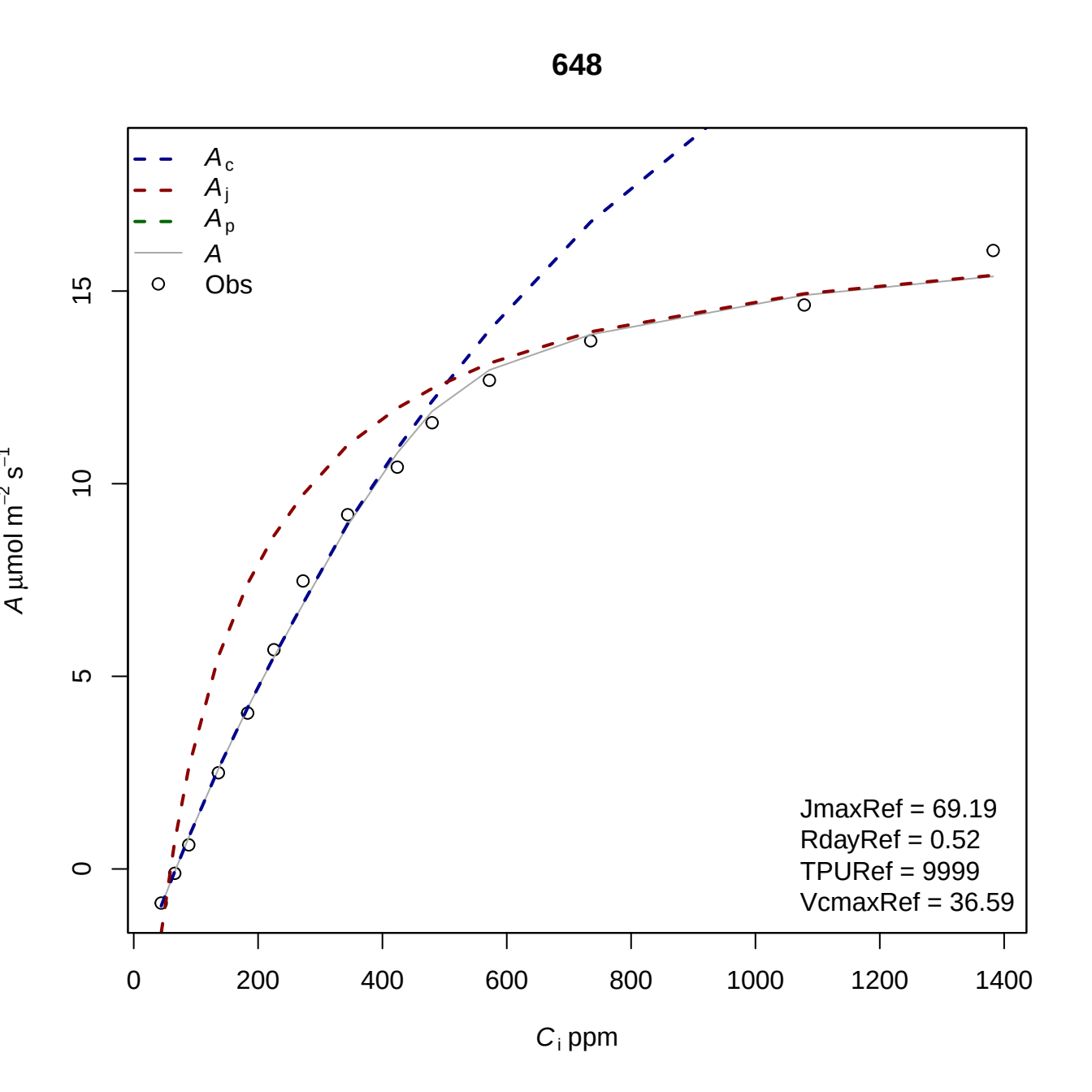

642
A_c
A_j
A_p
A
Obs
JmaxRef = 99.54
RdayRef = 0.58
TPURef = 9999
VcmaxRef = 46.44
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

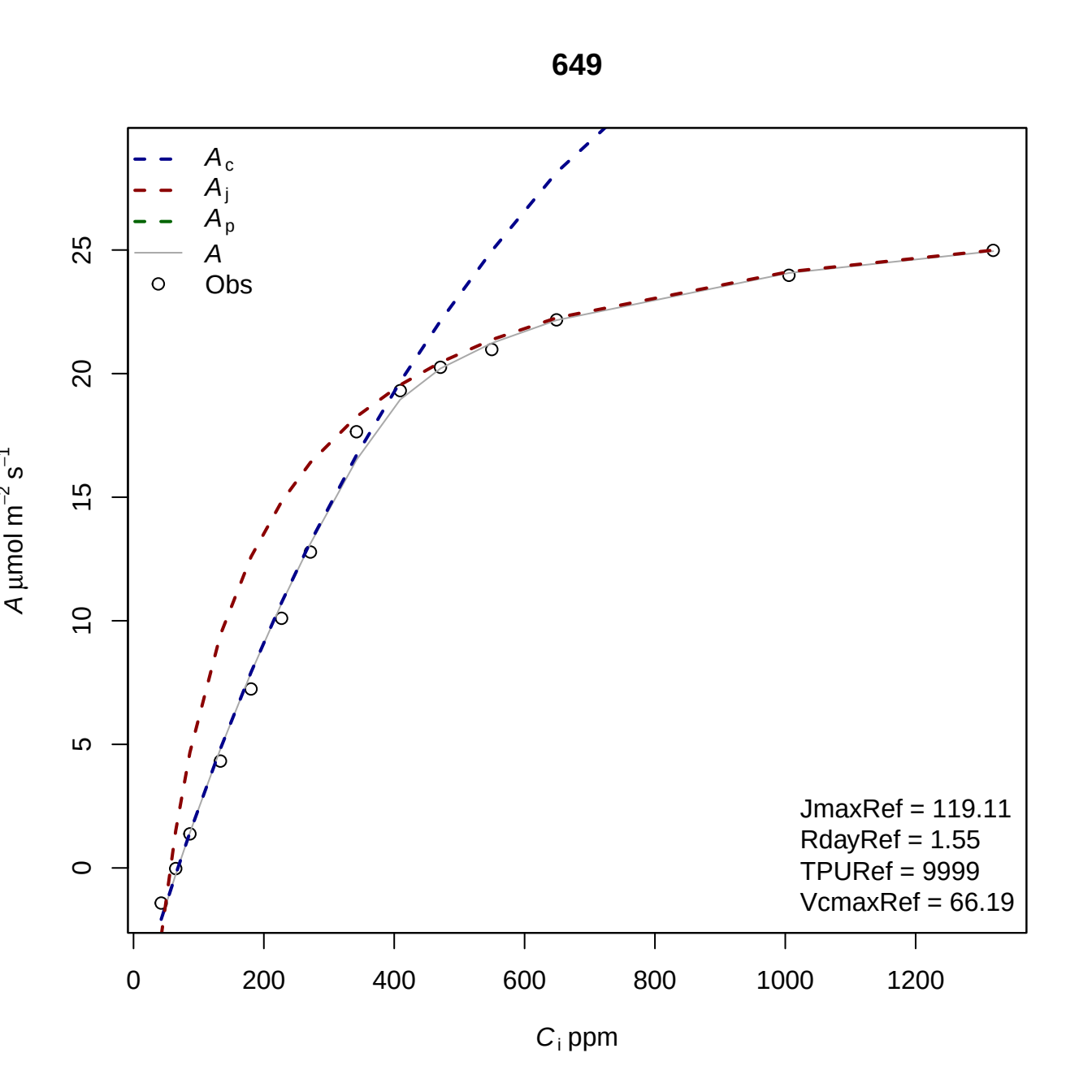

643
A_c
A_j
A_p
A
Obs
JmaxRef = 63.11
RdayRef = 1.47
TPURef = 9999
VcmaxRef = 32.44
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

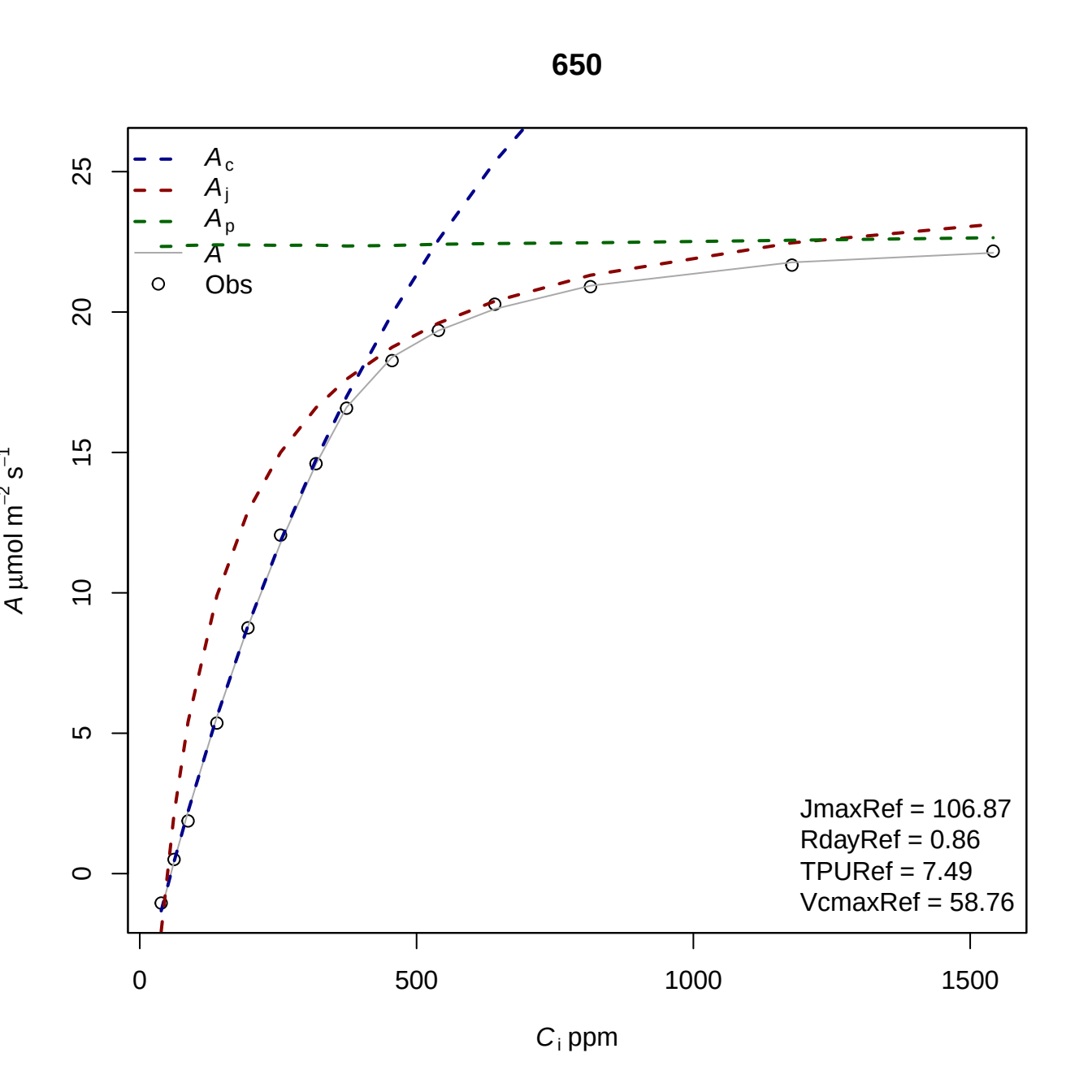

644
A_c
A_j
A_p
A
Obs
JmaxRef = 34.28
RdayRef = 1.03
TPURef = 9999
VcmaxRef = 14.82
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
0
500
1000
1500

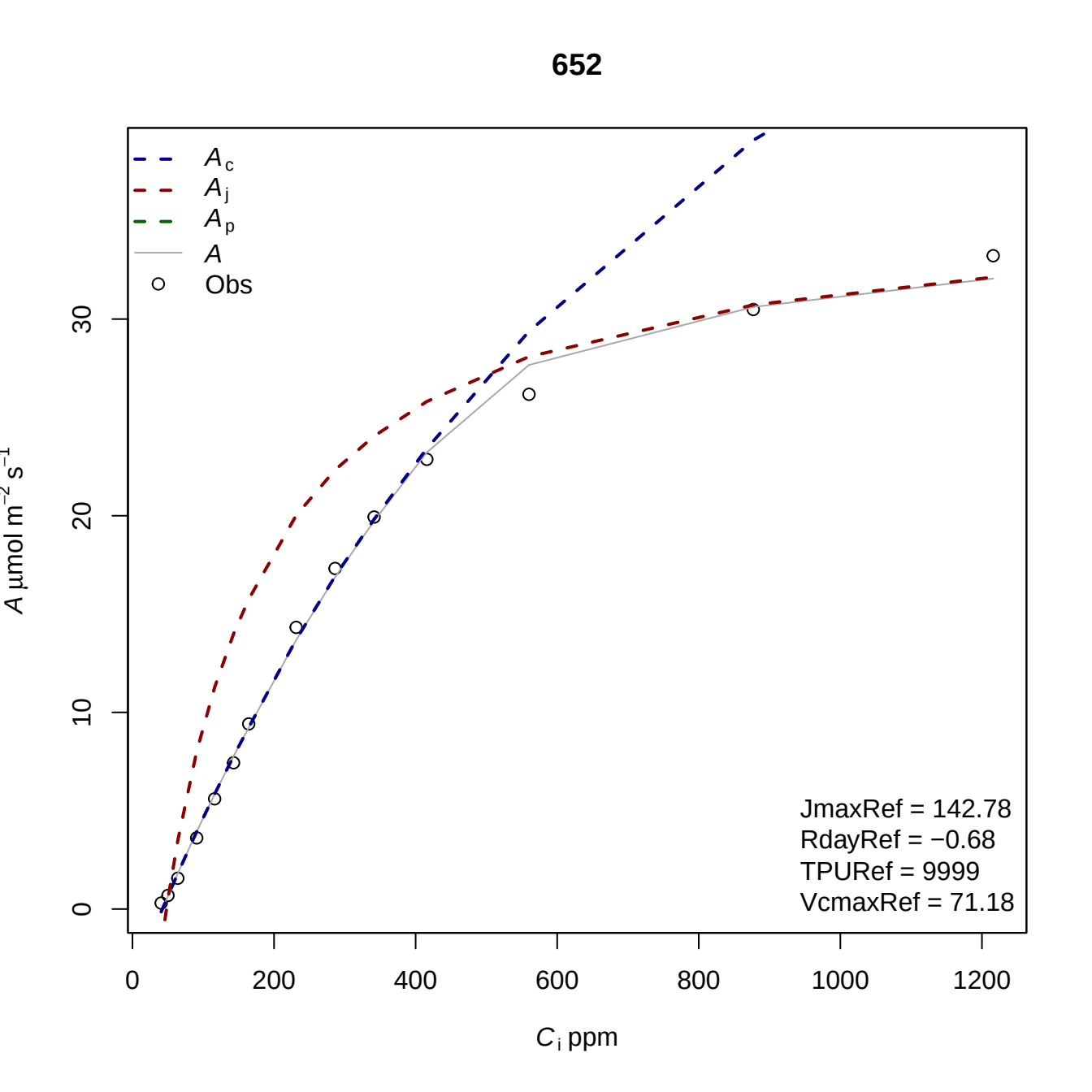

646
A_c
A_j
A_p
A
Obs
JmaxRef = 67.78
RdayRef = 0.68
TPURef = 9999
VcmaxRef = 42.81
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

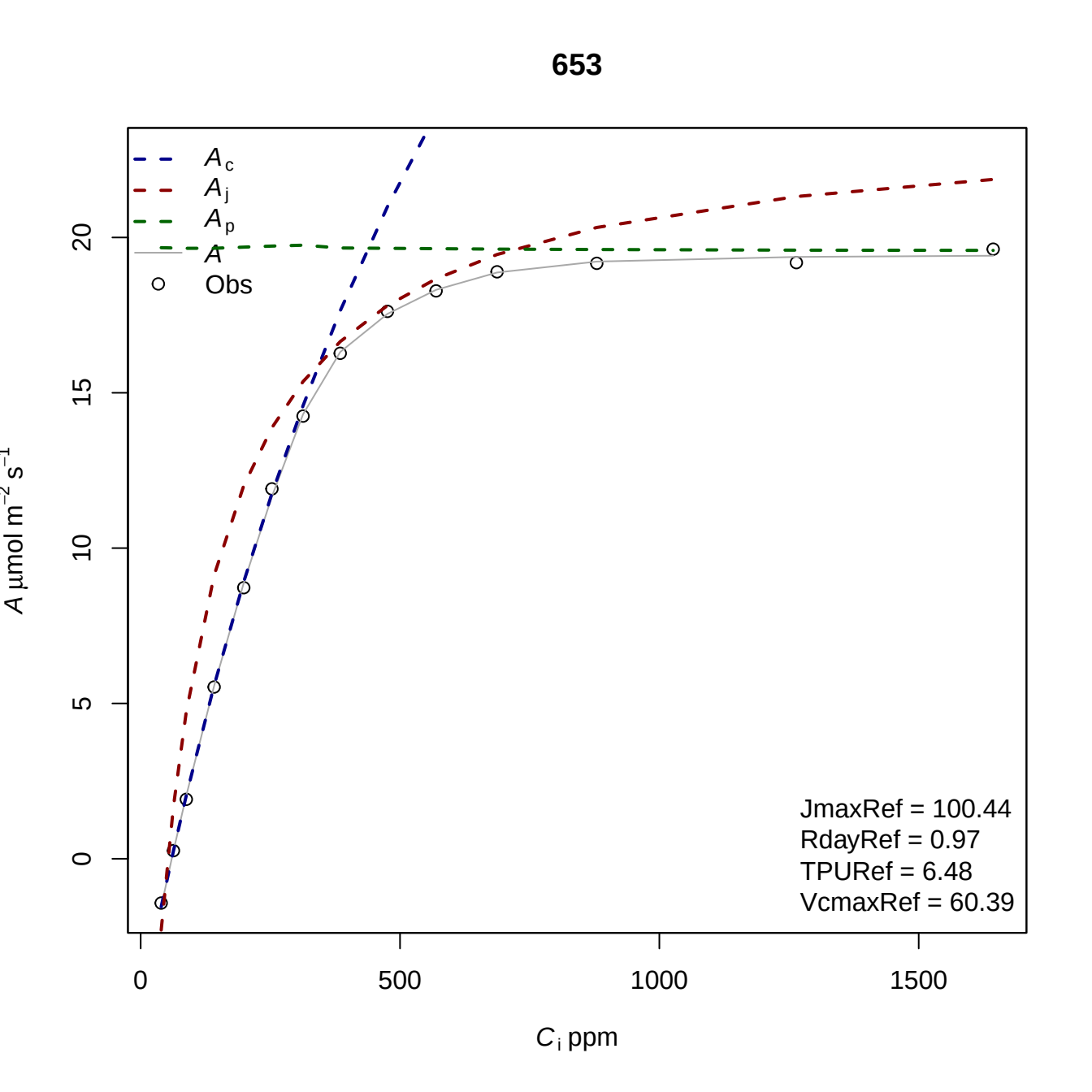

647
A_c
A_j
A_p
A
Obs
JmaxRef = 82.67
RdayRef = −2.71
TPURef = 9999
VcmaxRef = 56.42
A µmol m^{-2} s^{-1}
C_i ppm
0
500
1000
1500
5
10
15
20
25

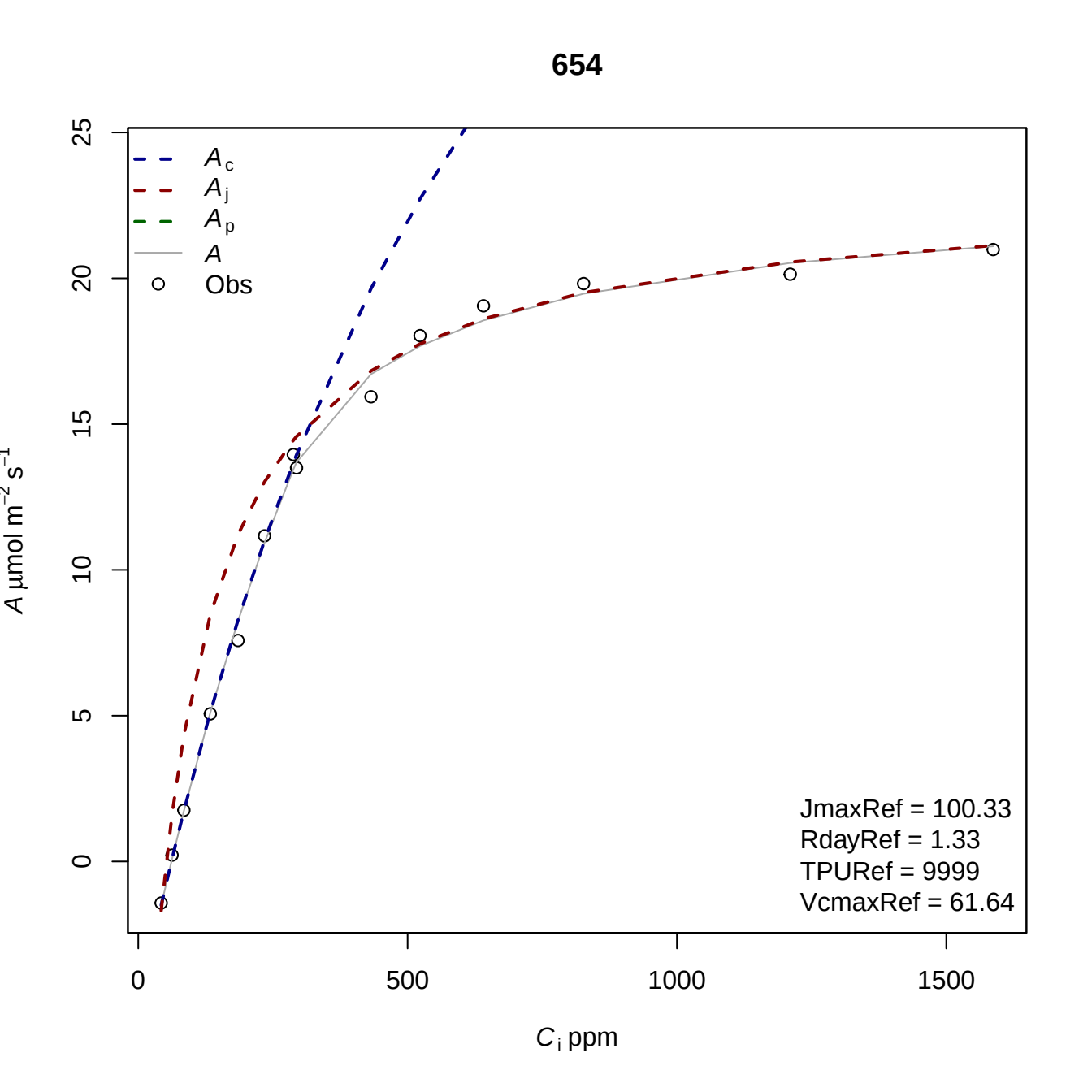

648
A_c
A_j
A_p
A
Obs
JmaxRef = 69.19
RdayRef = 0.52
TPURef = 9999
VcmaxRef = 36.59
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

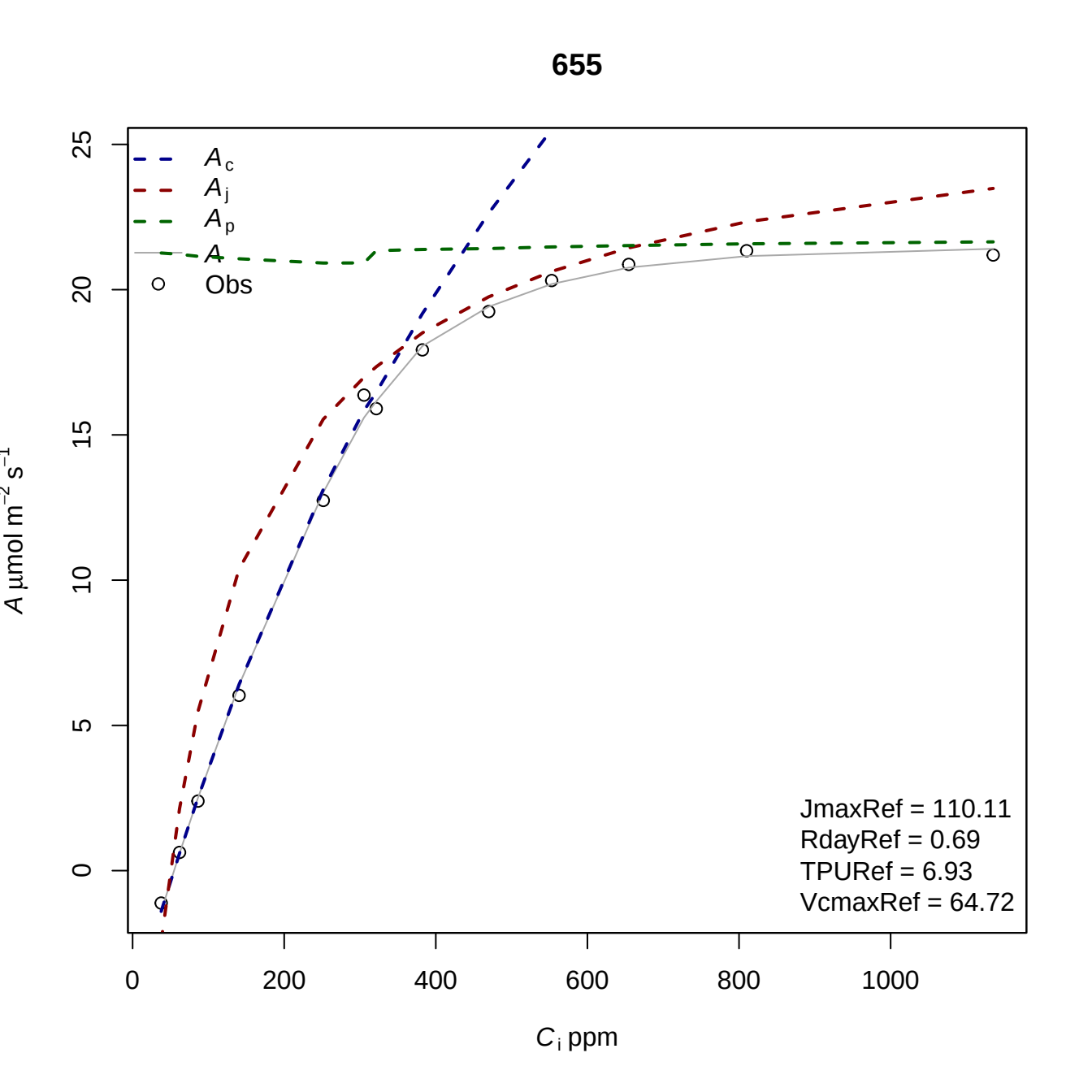

649
A_c
A_j
A_p
A
Obs
JmaxRef = 119.11
RdayRef = 1.55
TPURef = 9999
VcmaxRef = 66.19
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

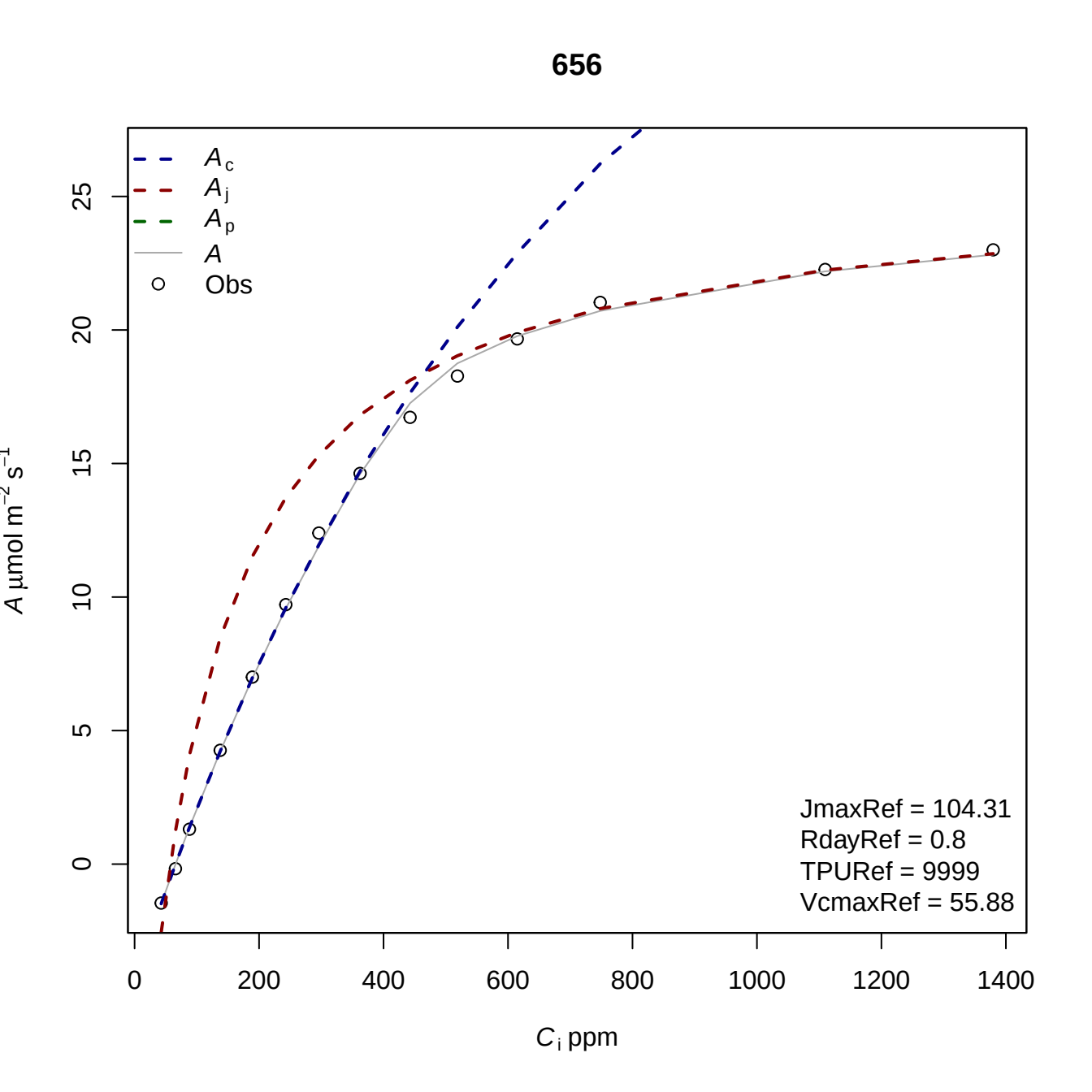

650
A_c
A_j
A_p
A
Obs
JmaxRef = 106.87
RdayRef = 0.86
TPURef = 7.49
VcmaxRef = 58.76
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

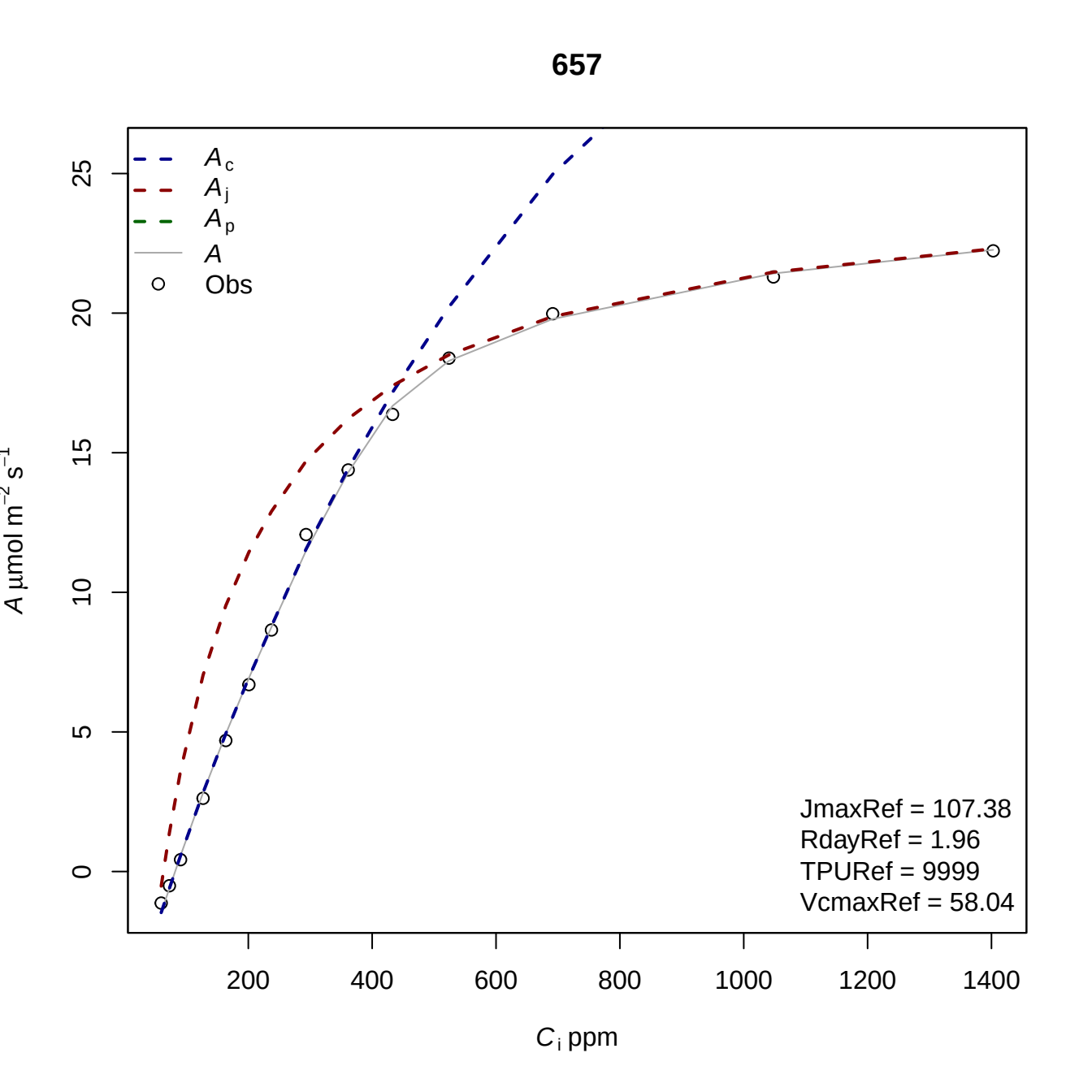

652
A_c
A_j
A_p
A
Obs
JmaxRef = 142.78
RdayRef = −0.68
TPURef = 9999
VcmaxRef = 71.18
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
0
200
400
600
800
1000
1200

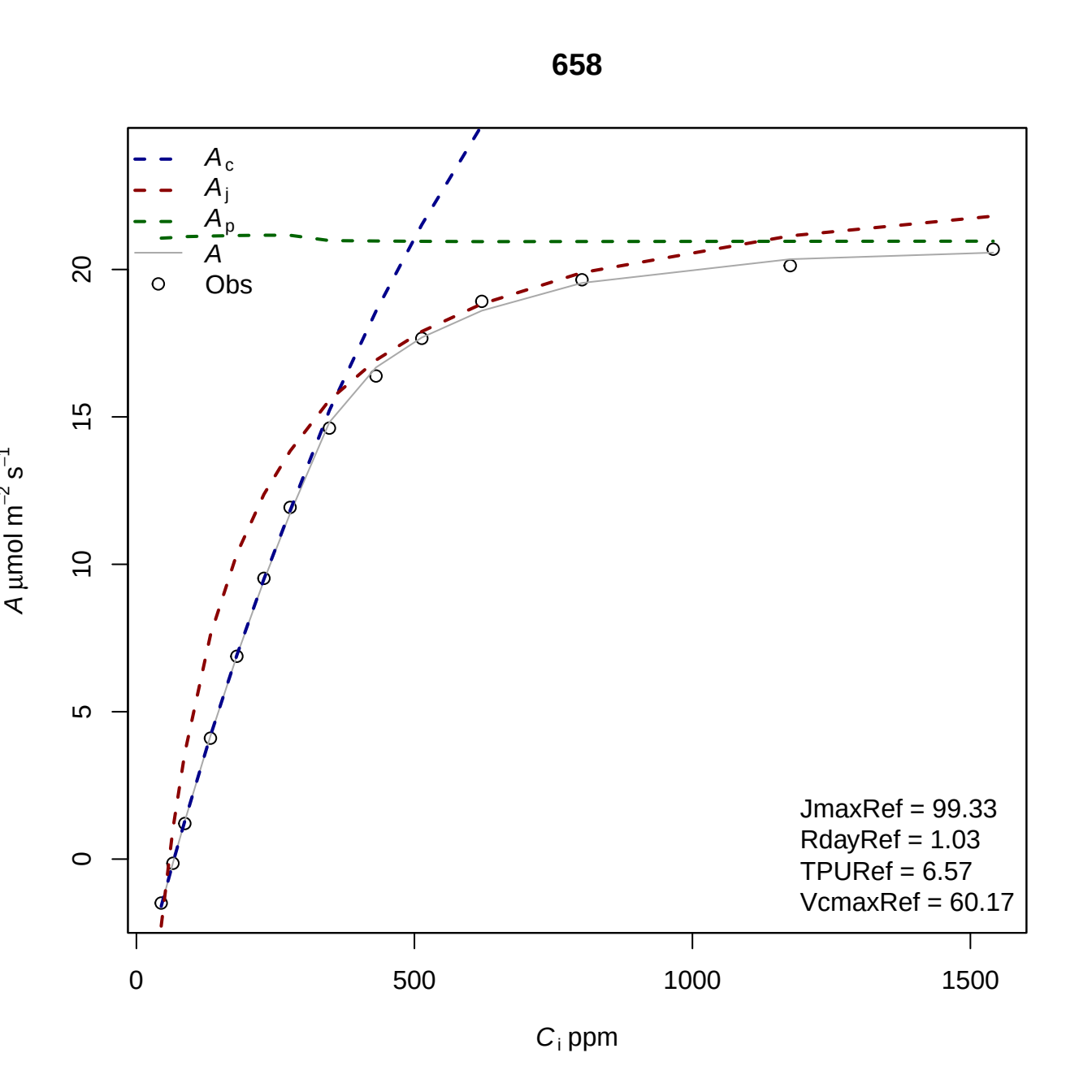

653
A_c
A_j
A_p
A
Obs
JmaxRef = 100.44
RdayRef = 0.97
TPURef = 6.48
VcmaxRef = 60.39
A µmol m^{-2} s^{-1}
0
5
10
15
20
0
500
1000
1500
C_i ppm

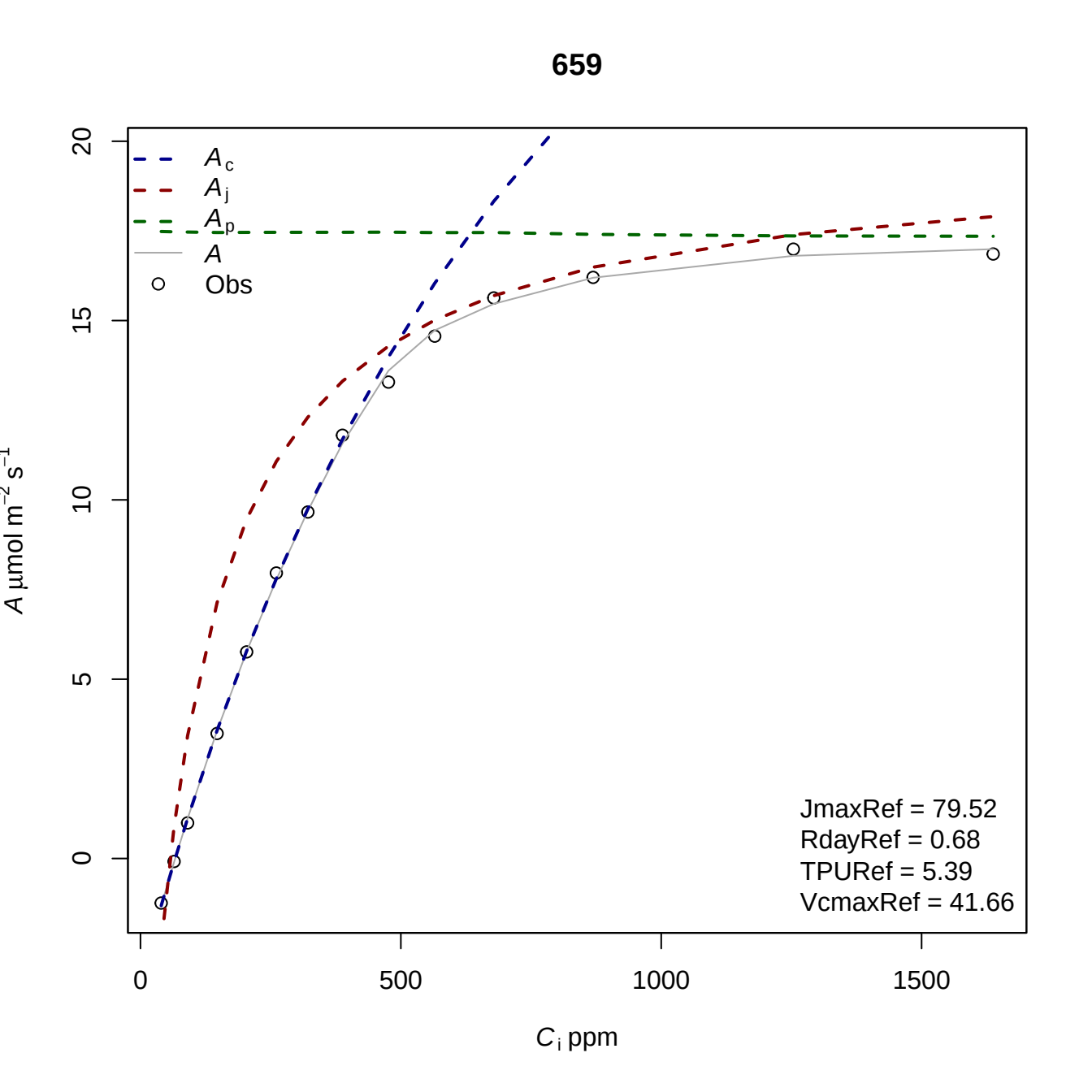

654
A_c
A_j
A_p
A
Obs
JmaxRef = 100.33
RdayRef = 1.33
TPURef = 9999
VcmaxRef = 61.64
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

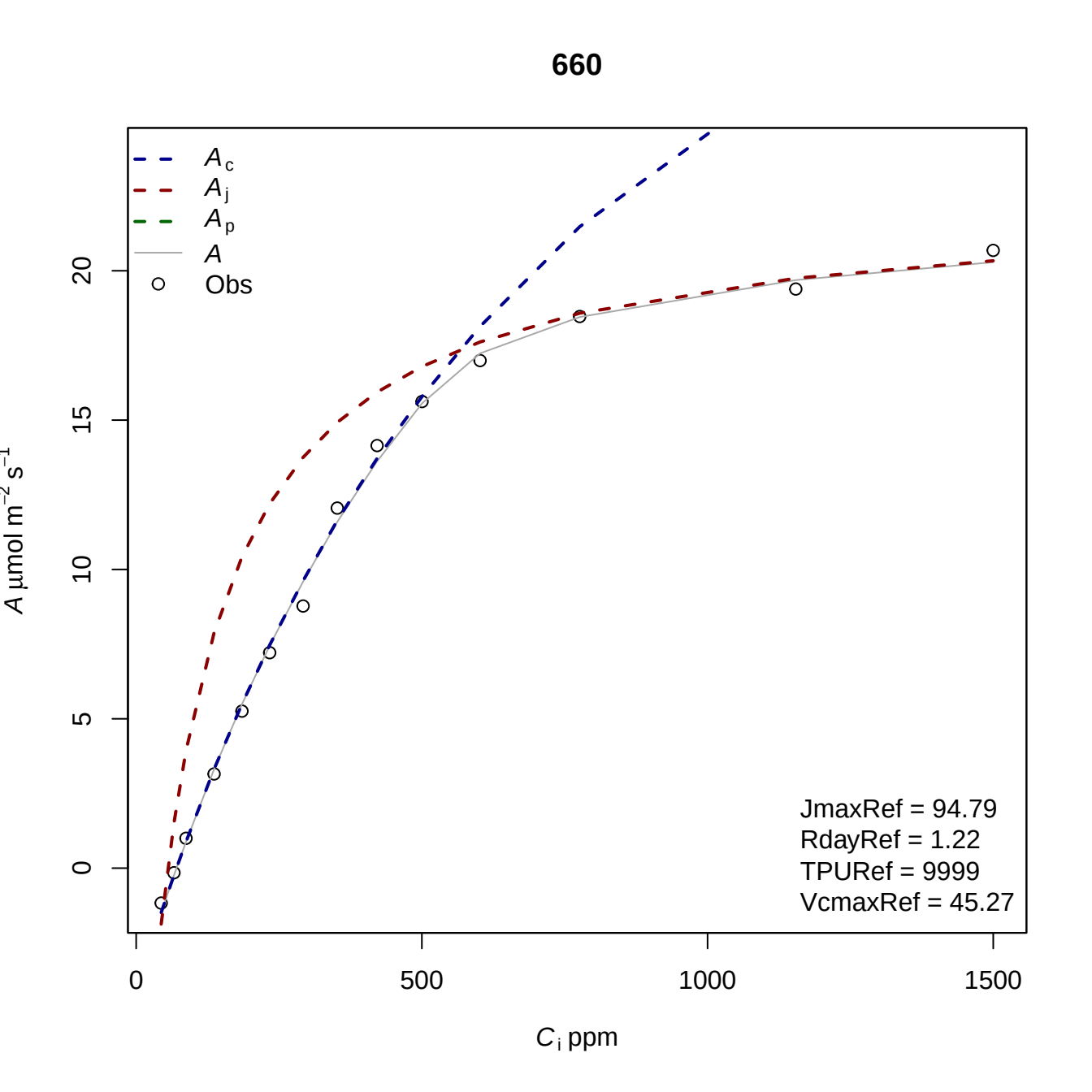

655
A_c
A_j
A_p
A
Obs
JmaxRef = 110.11
RdayRef = 0.69
TPURef = 6.93
VcmaxRef = 64.72
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000

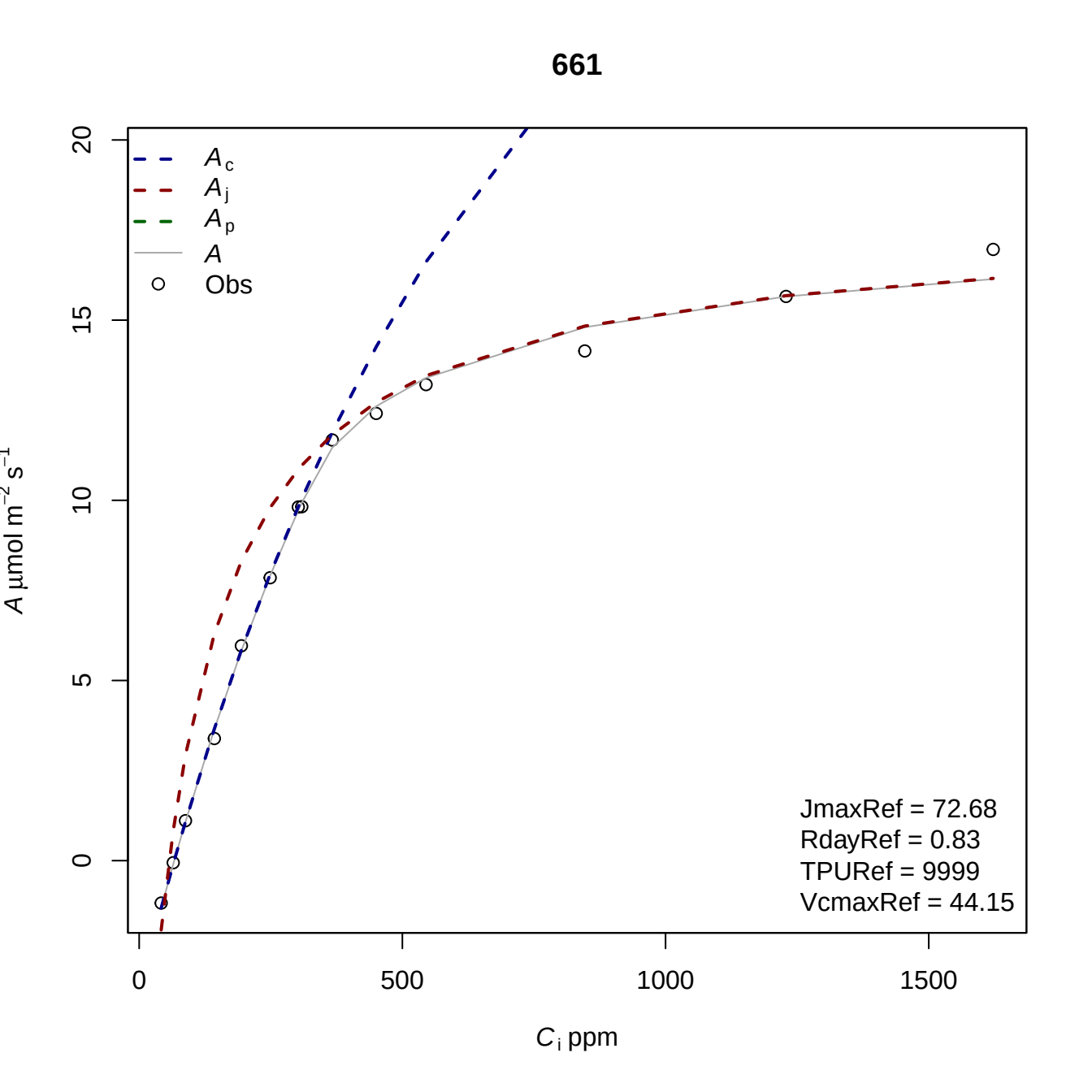

656
A_c
A_j
A_p
A
Obs
JmaxRef = 104.31
RdayRef = 0.8
TPURef = 9999
VcmaxRef = 55.88
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

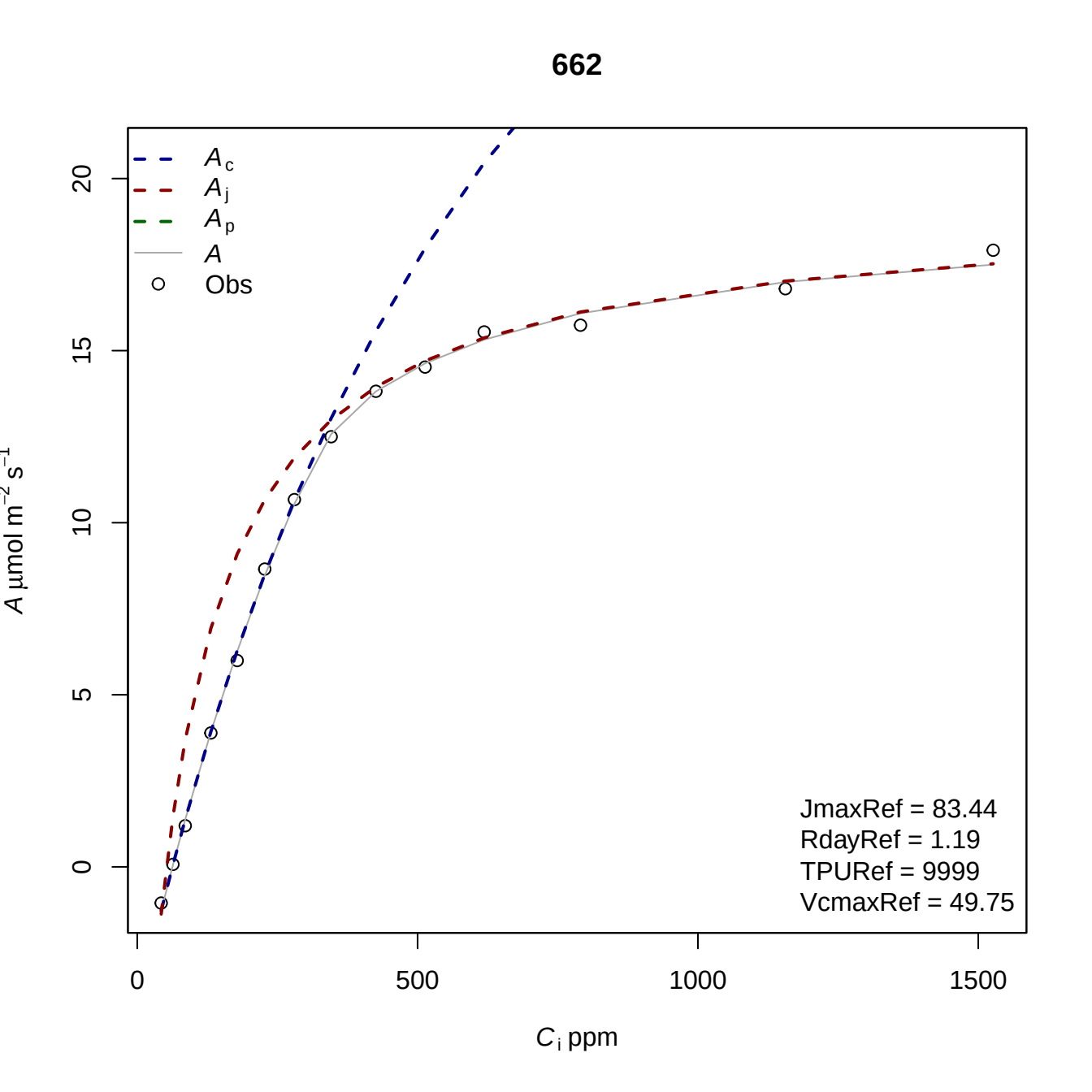

657
A_c
A_j
A_p
A
Obs
JmaxRef = 107.38
RdayRef = 1.96
TPURef = 9999
VcmaxRef = 58.04
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000
1200
1400

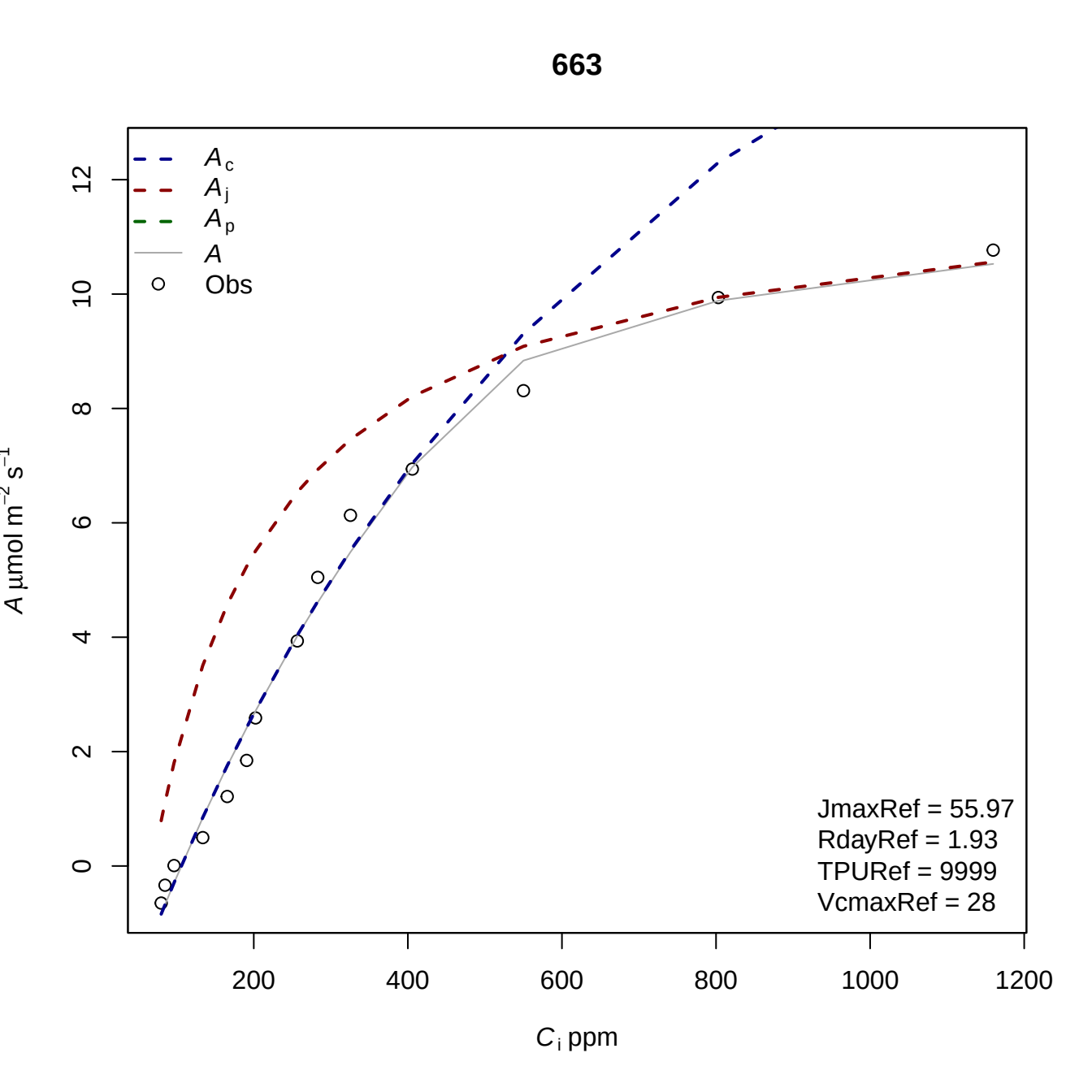

658
A_c
A_j
A_p
A
Obs
JmaxRef = 99.33
RdayRef = 1.03
TPURef = 6.57
VcmaxRef = 60.17
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

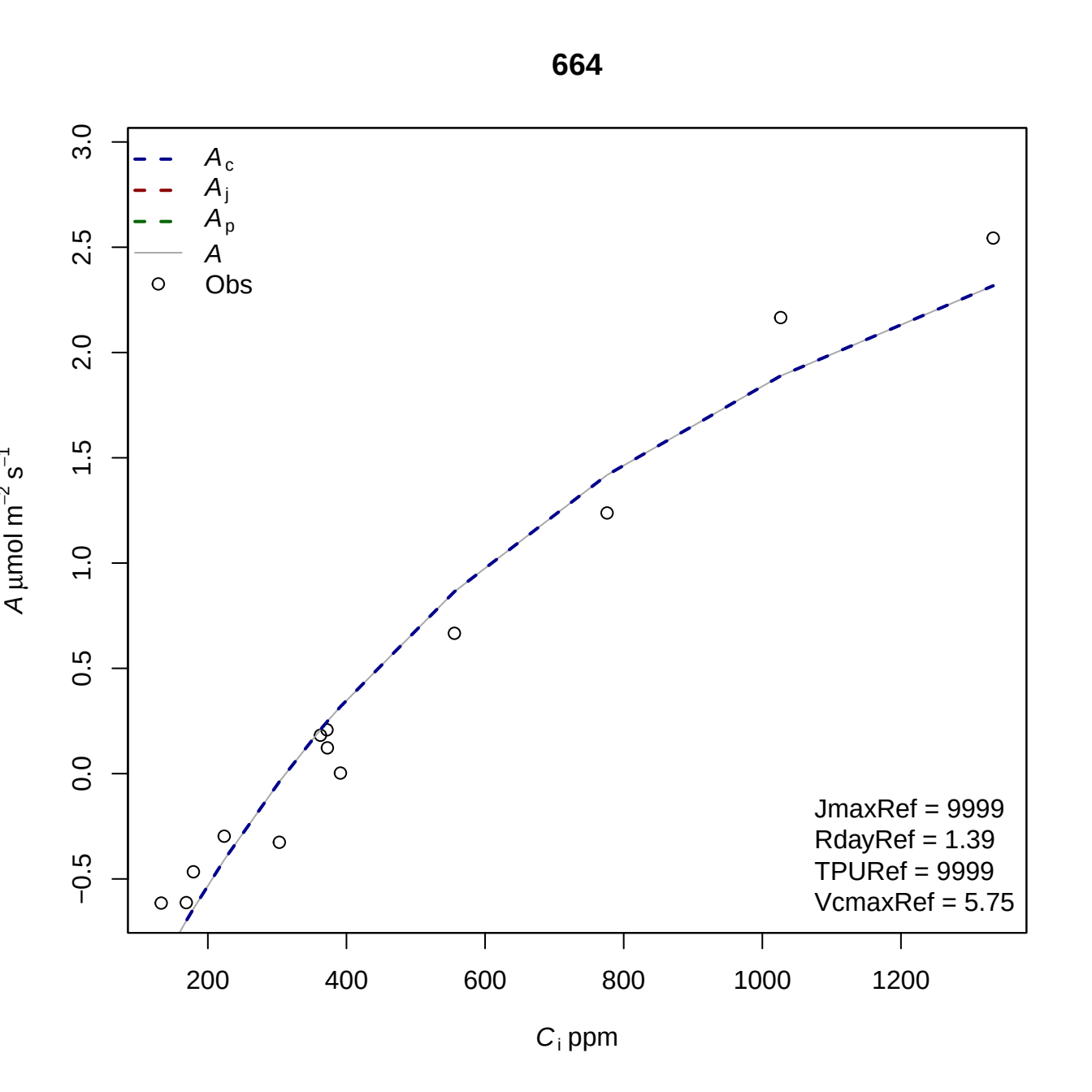

659
A_c
A_j
A_p
A
Obs
JmaxRef = 79.52
RdayRef = 0.68
TPURef = 5.39
VcmaxRef = 41.66
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

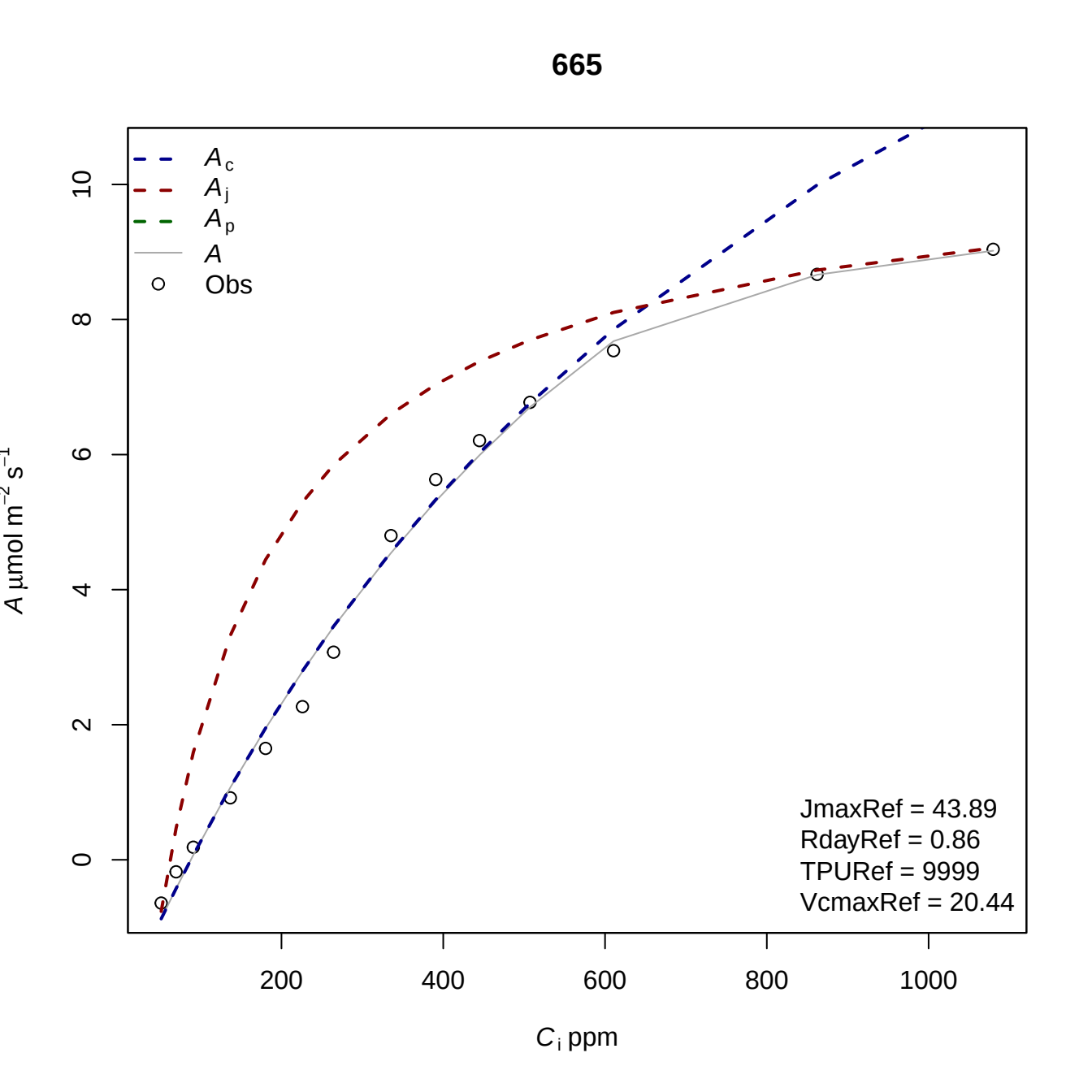

660
A_c
A_j
A_p
A
Obs
JmaxRef = 94.79
RdayRef = 1.22
TPURef = 9999
VcmaxRef = 45.27
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

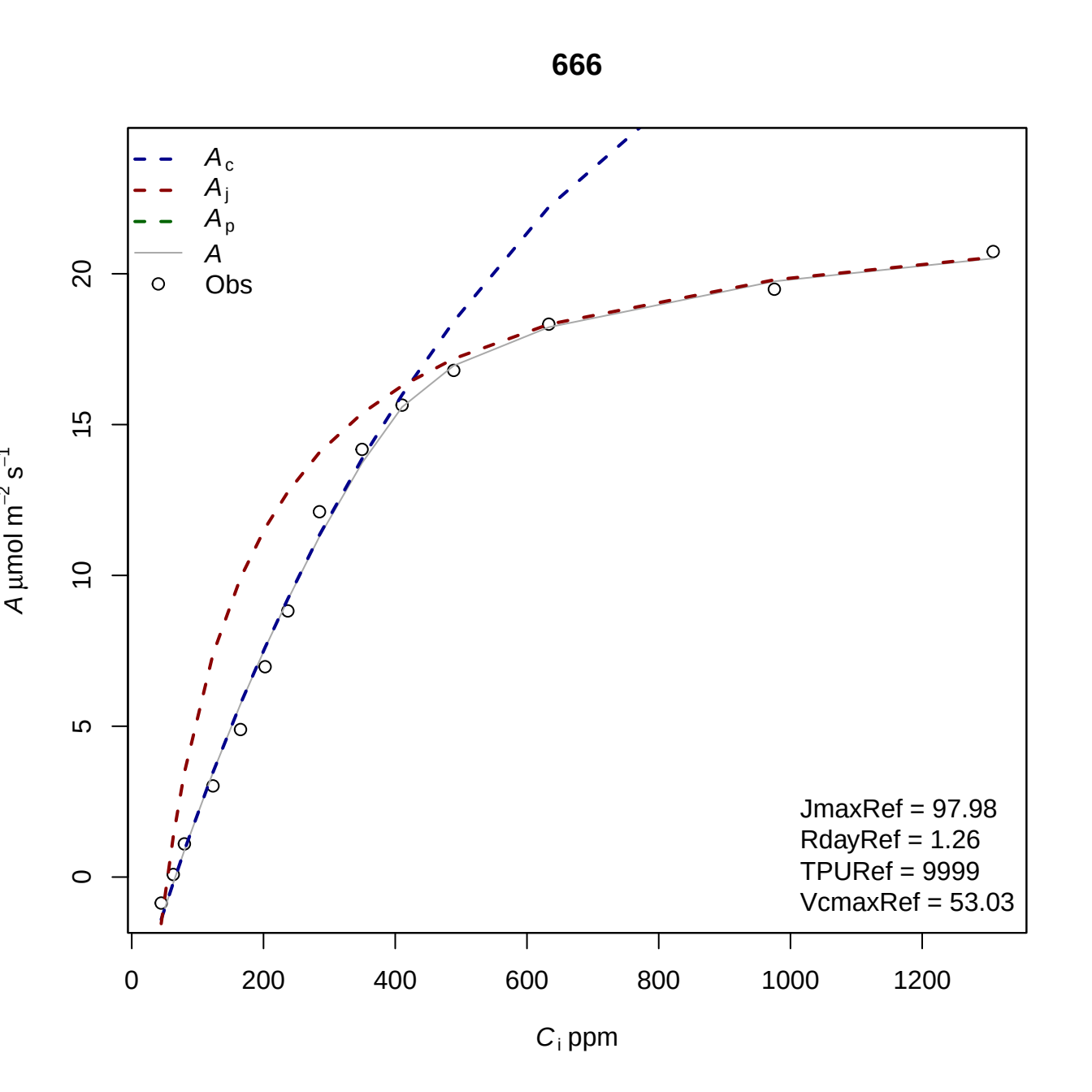

661
A_c
A_j
A_p
A
Obs
JmaxRef = 72.68
RdayRef = 0.83
TPURef = 9999
VcmaxRef = 44.15
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

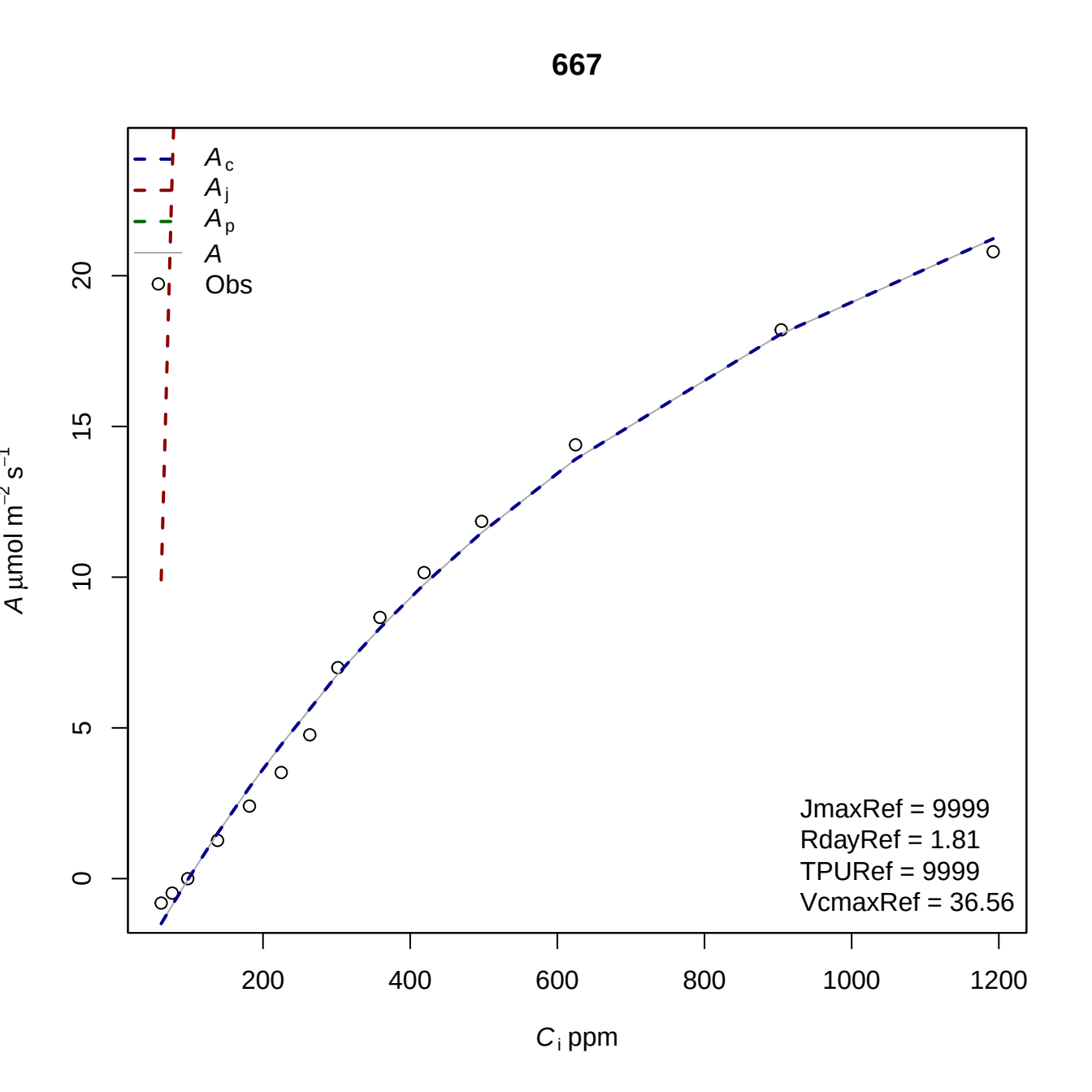

662
A_c
A_j
A_p
A
Obs
JmaxRef = 83.44
RdayRef = 1.19
TPURef = 9999
VcmaxRef = 49.75
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

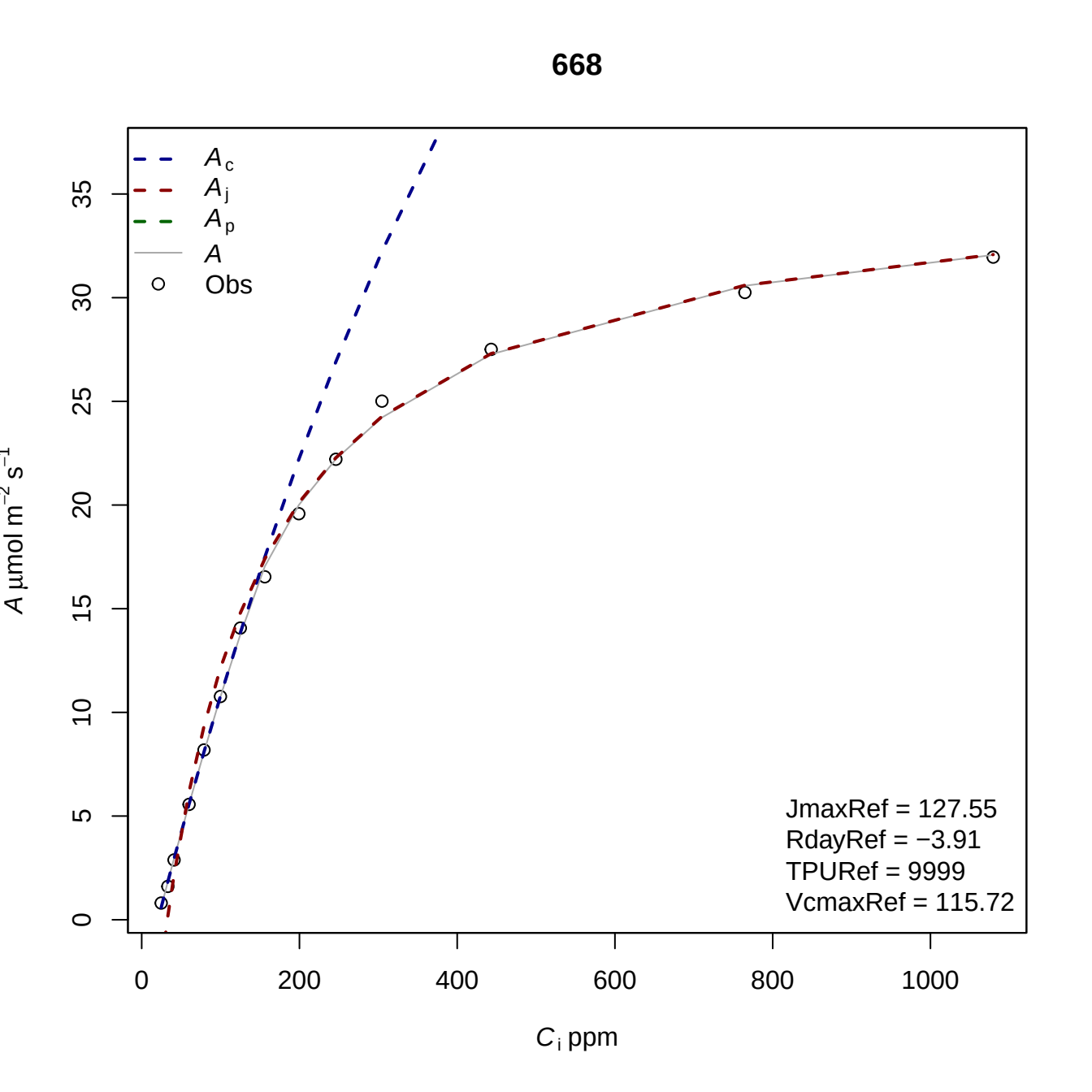

663
A_c
A_j
A_p
A
Obs
JmaxRef = 55.97
RdayRef = 1.93
TPURef = 9999
VcmaxRef = 28
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000
1200

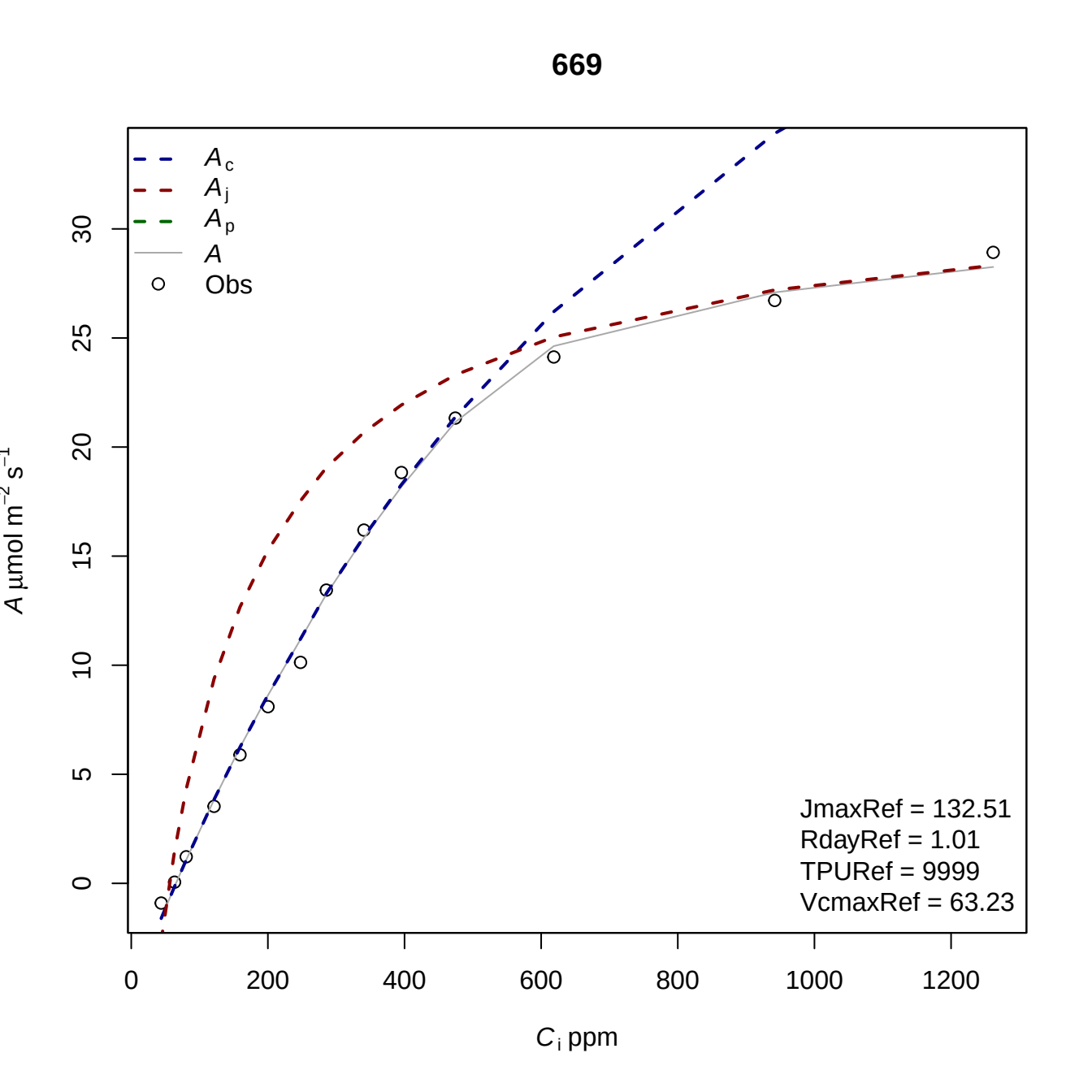

664
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.39
TPURef = 9999
VcmaxRef = 5.75
A µmol m^{-2} s^{-1}
C_i ppm
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
200
400
600
800
1000
1200

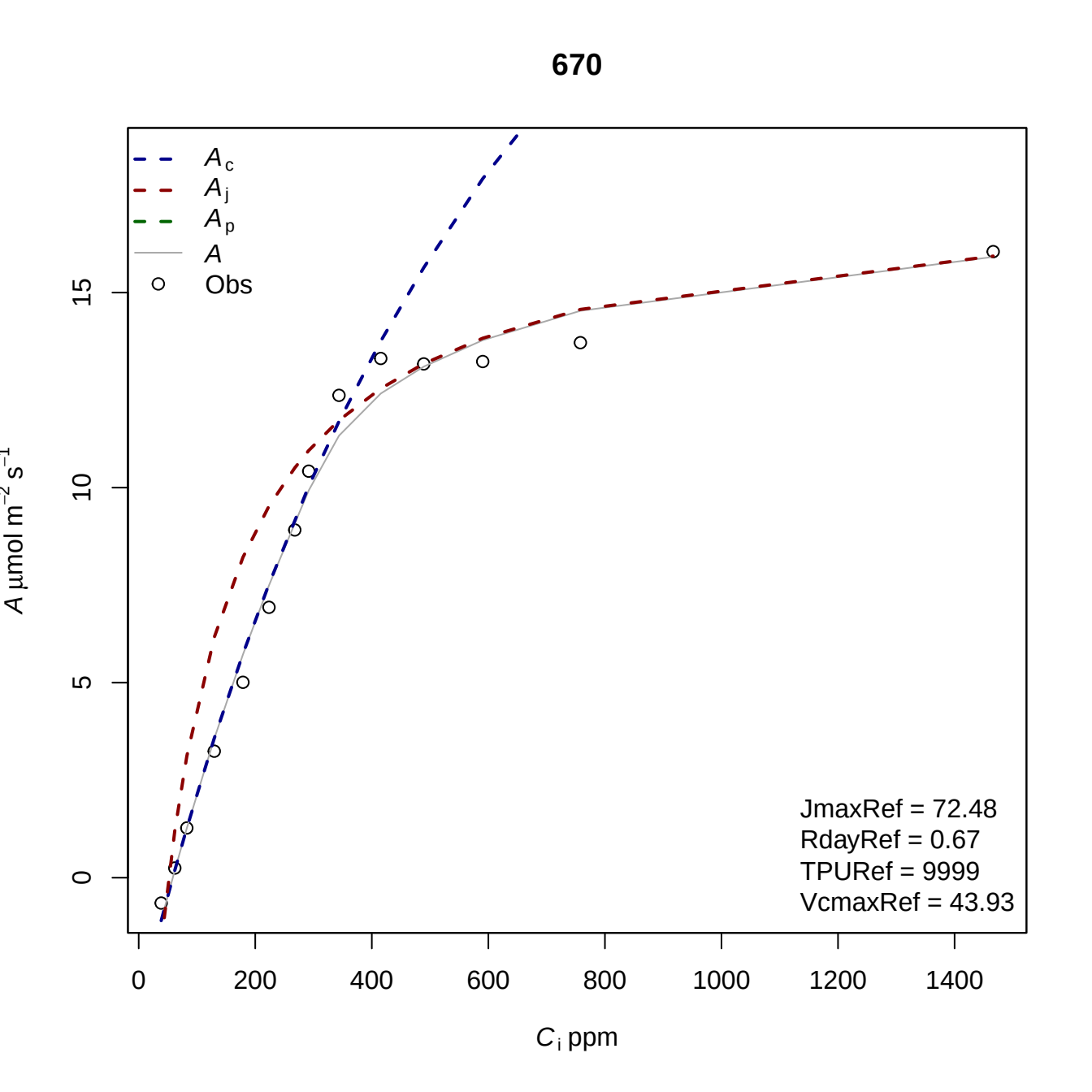

665
A_c
A_j
A_p
A
Obs
JmaxRef = 43.89
RdayRef = 0.86
TPURef = 9999
VcmaxRef = 20.44
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000

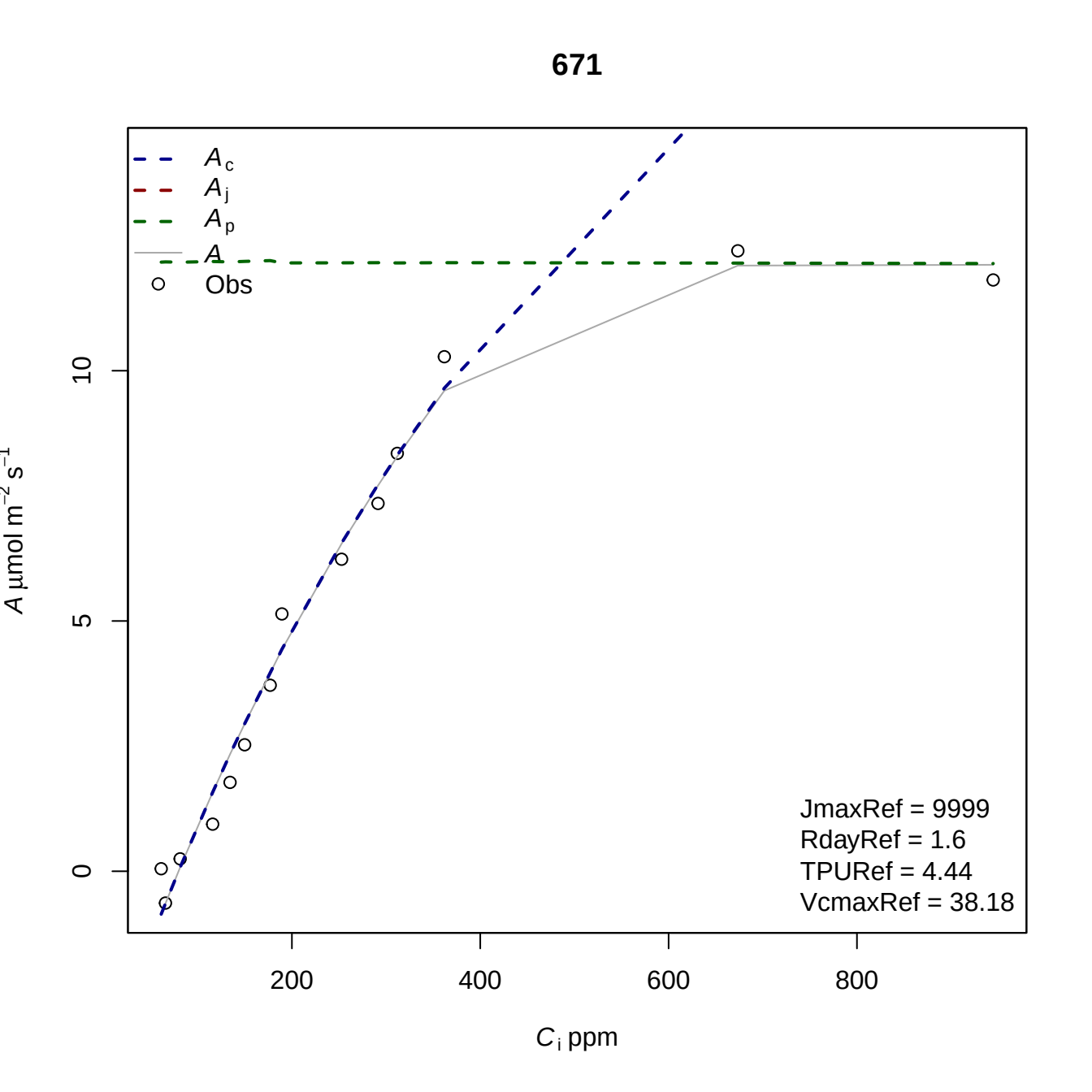

666
A_c
A_j
A_p
A
Obs
JmaxRef = 97.98
RdayRef = 1.26
TPURef = 9999
VcmaxRef = 53.03
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

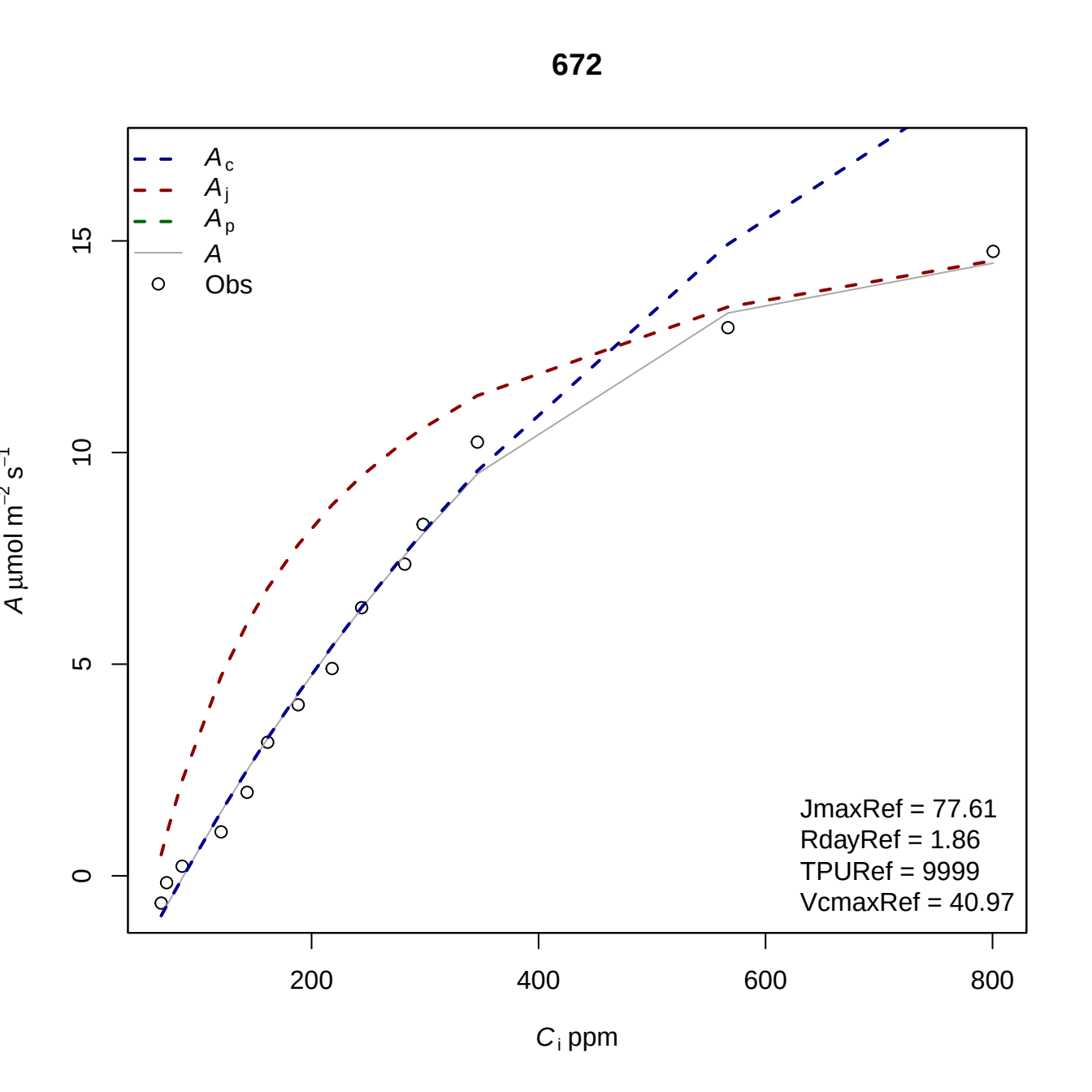

667
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.81
TPURef = 9999
VcmaxRef = 36.56
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

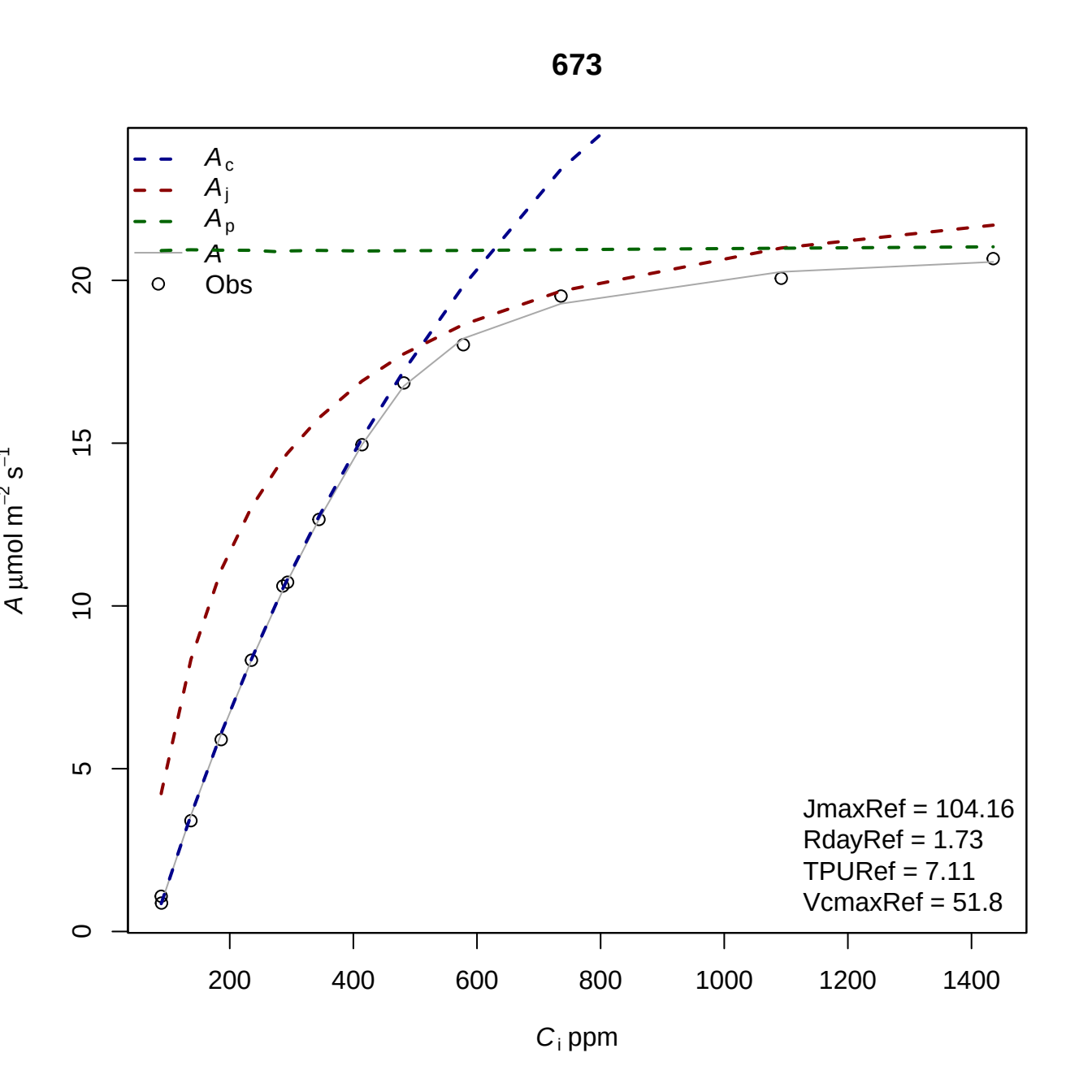

668
A_c
A_j
A_p
A
Obs
JmaxRef = 127.55
RdayRef = −3.91
TPURef = 9999
VcmaxRef = 115.72
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
200
400
600
800
1000

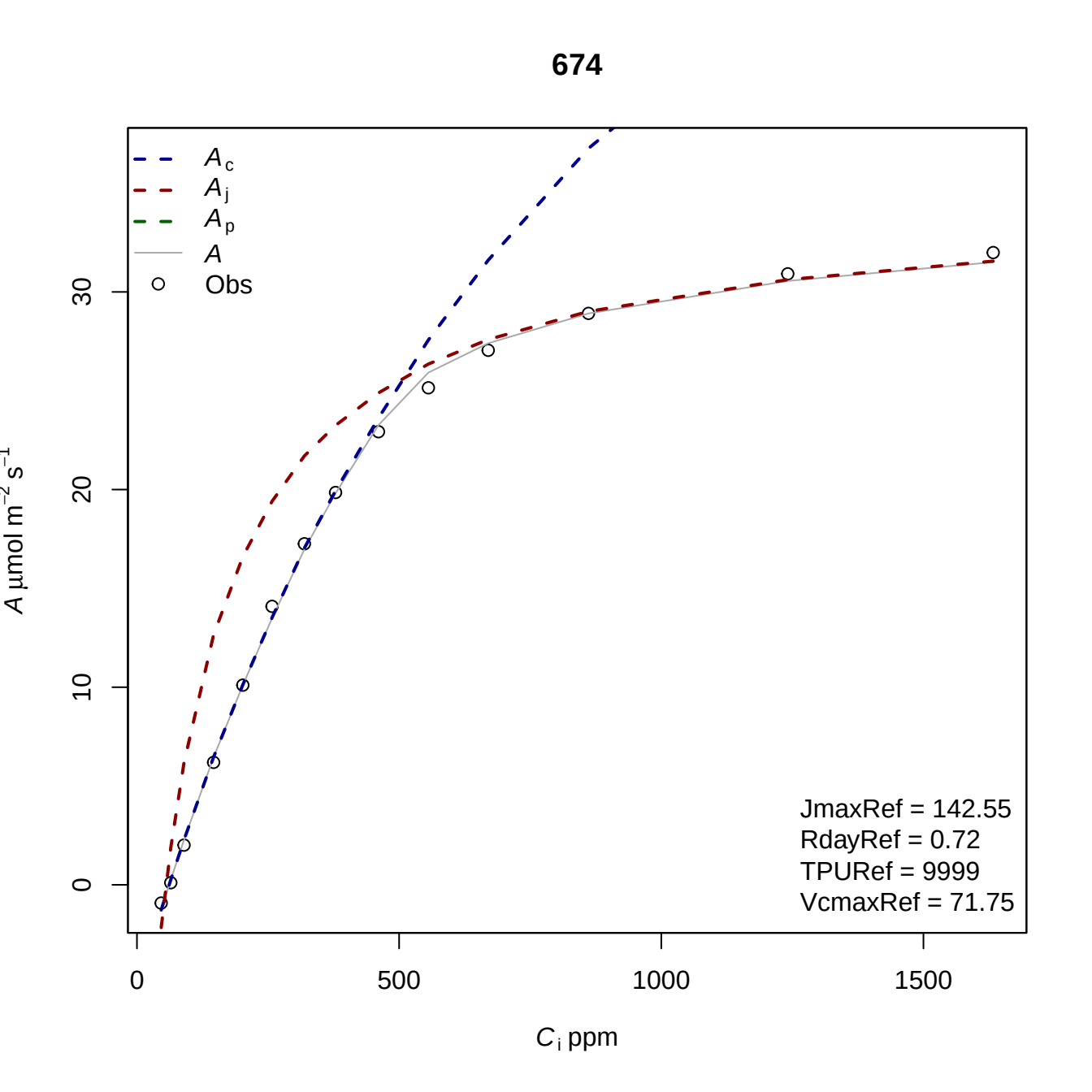

669
A_c
A_j
A_p
A
Obs
JmaxRef = 132.51
RdayRef = 1.01
TPURef = 9999
VcmaxRef = 63.23
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

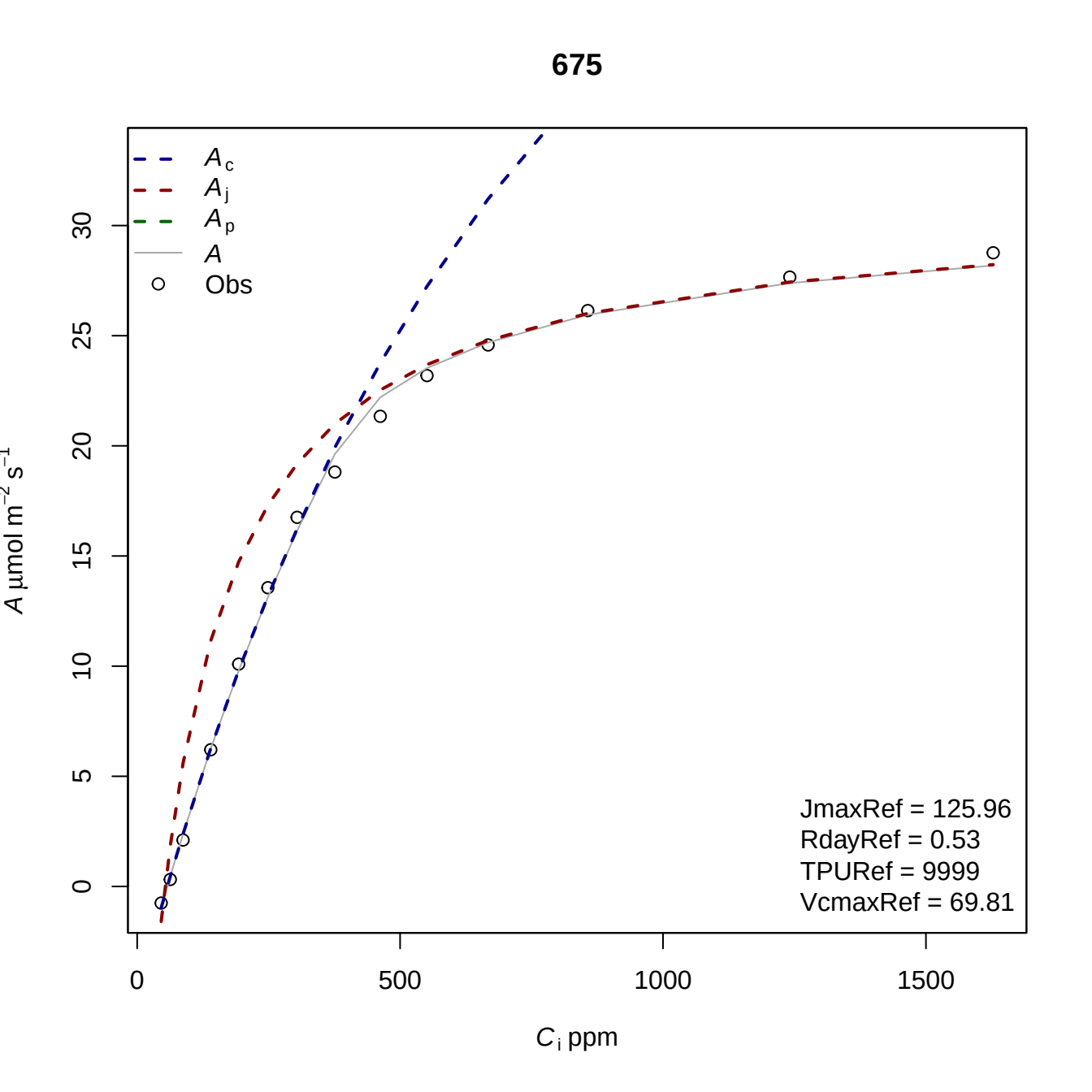

670
A_c
A_j
A_p
A
Obs
JmaxRef = 72.48
RdayRef = 0.67
TPURef = 9999
VcmaxRef = 43.93
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

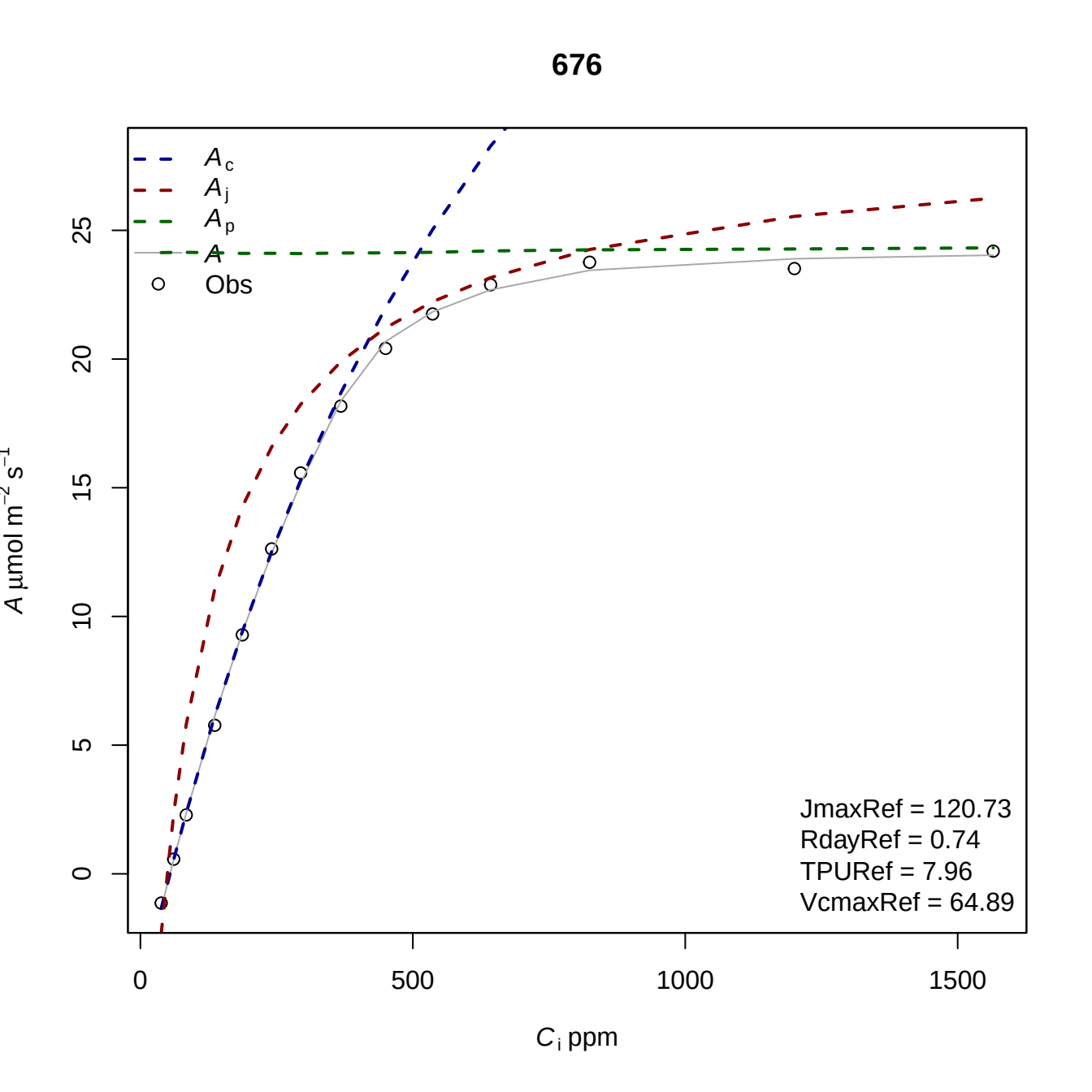

671
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.6
TPURef = 4.44
VcmaxRef = 38.18
A µmol m^{-2} s^{-1}
0
5
10
200
400
600
800
C_i ppm

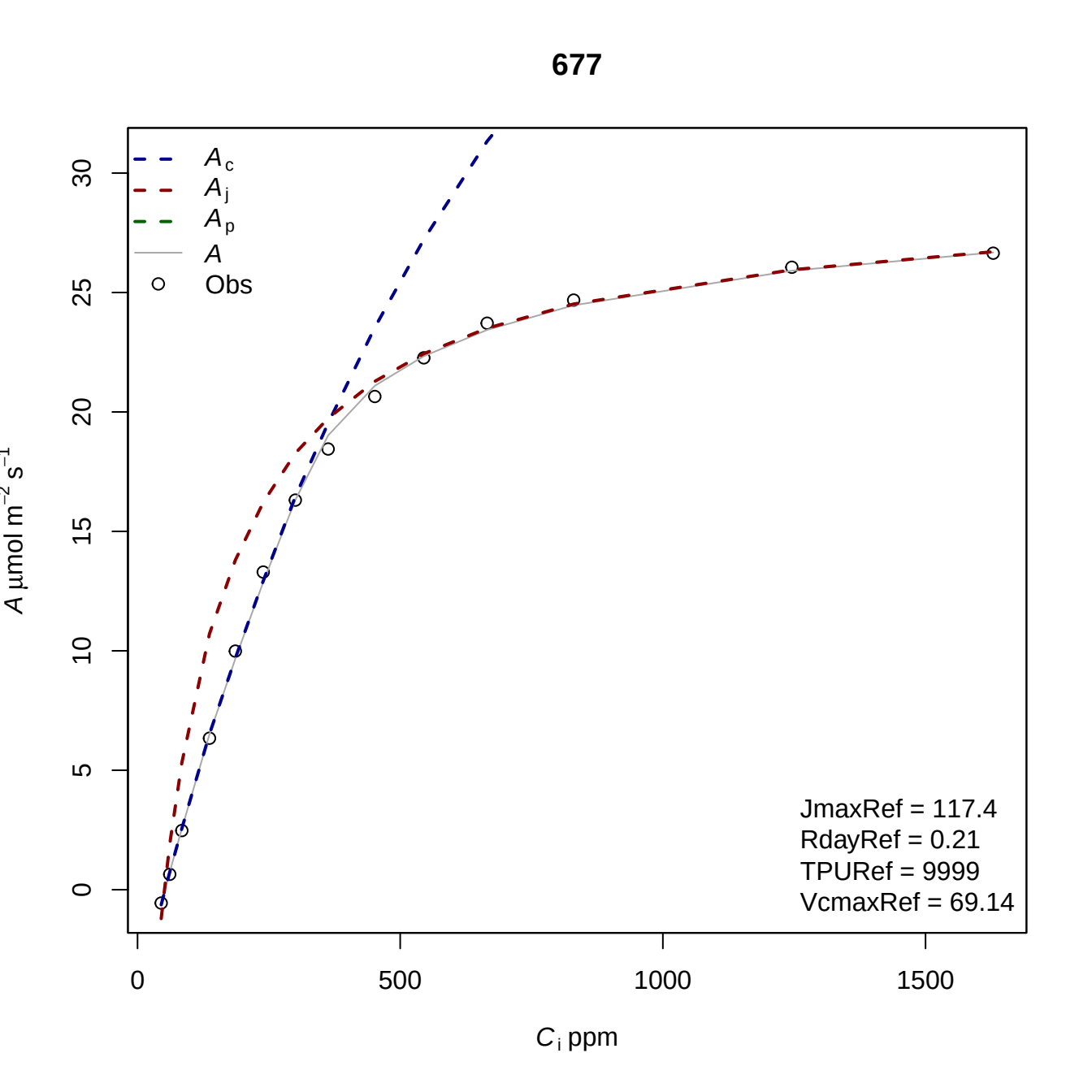

672
A_c
A_j
A_p
A
Obs
JmaxRef = 77.61
RdayRef = 1.86
TPURef = 9999
VcmaxRef = 40.97
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800

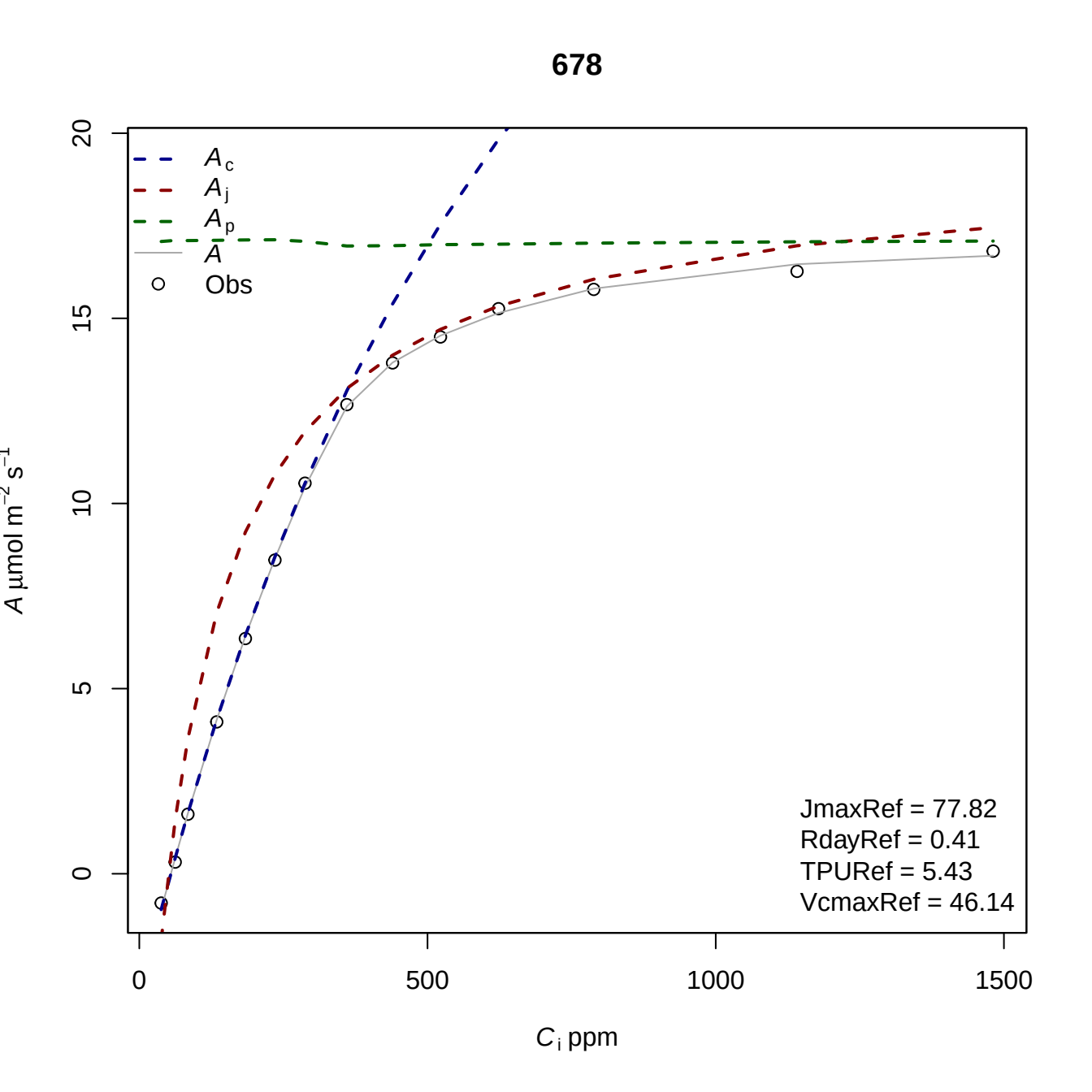

673
A_c
A_j
A_p
A
Obs
JmaxRef = 104.16
RdayRef = 1.73
TPURef = 7.11
VcmaxRef = 51.8
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200
1400

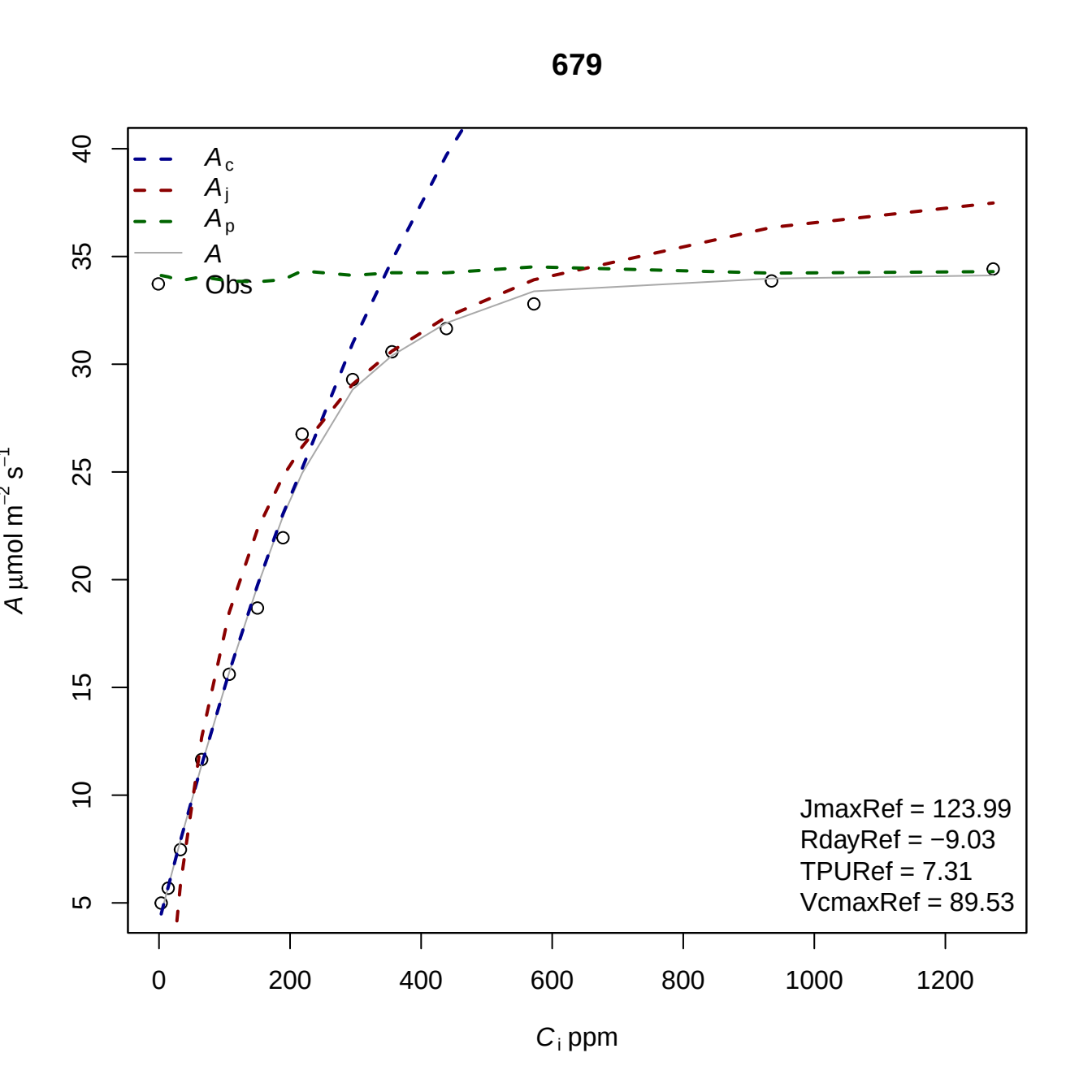

674
A_c
A_j
A_p
A
Obs
JmaxRef = 142.55
RdayRef = 0.72
TPURef = 9999
VcmaxRef = 71.75
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
0
500
1000
1500

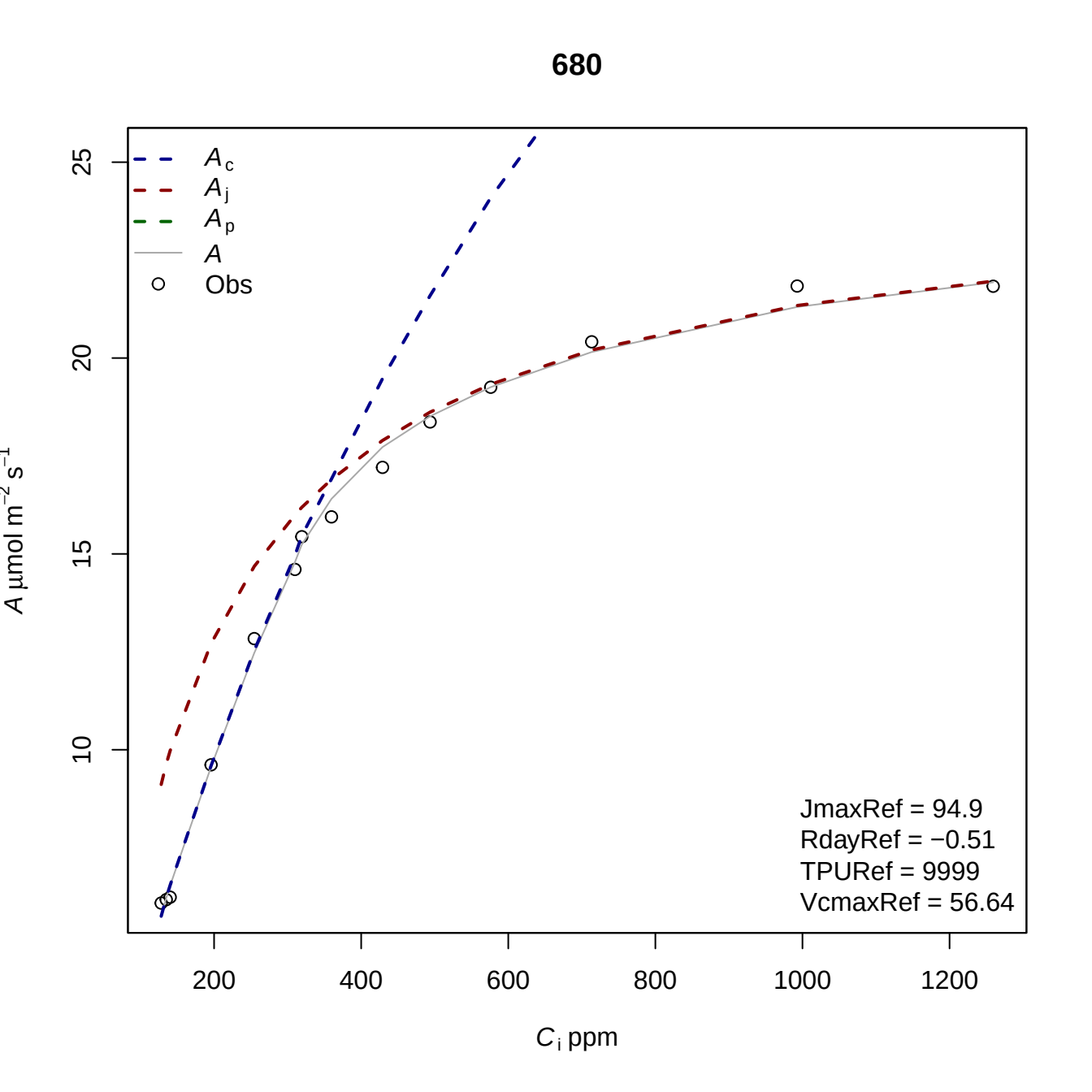

675
A_c
A_j
A_p
A
Obs
JmaxRef = 125.96
RdayRef = 0.53
TPURef = 9999
VcmaxRef = 69.81
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

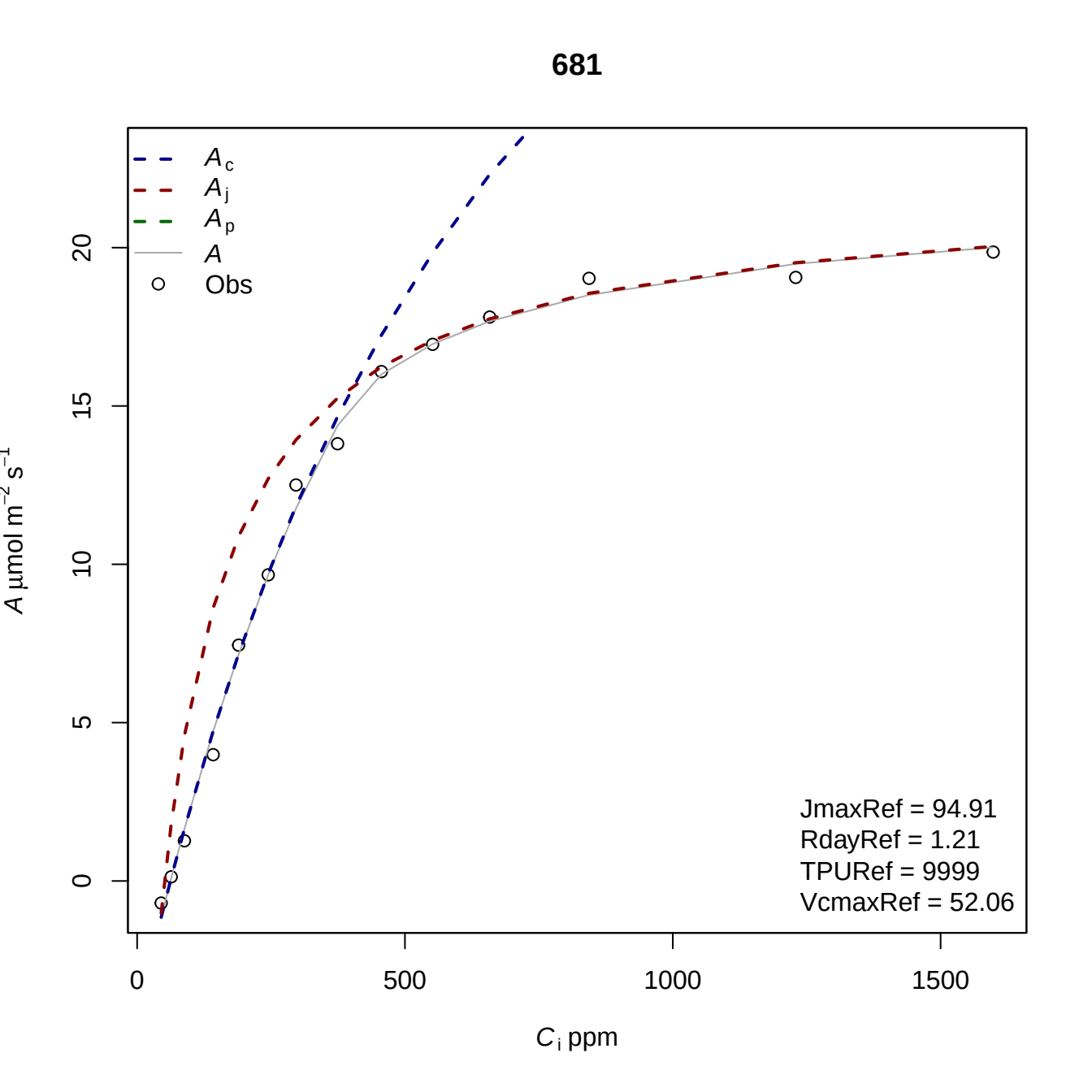

676
A_c
A_j
A_p
A
Obs
JmaxRef = 120.73
RdayRef = 0.74
TPURef = 7.96
VcmaxRef = 64.89
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

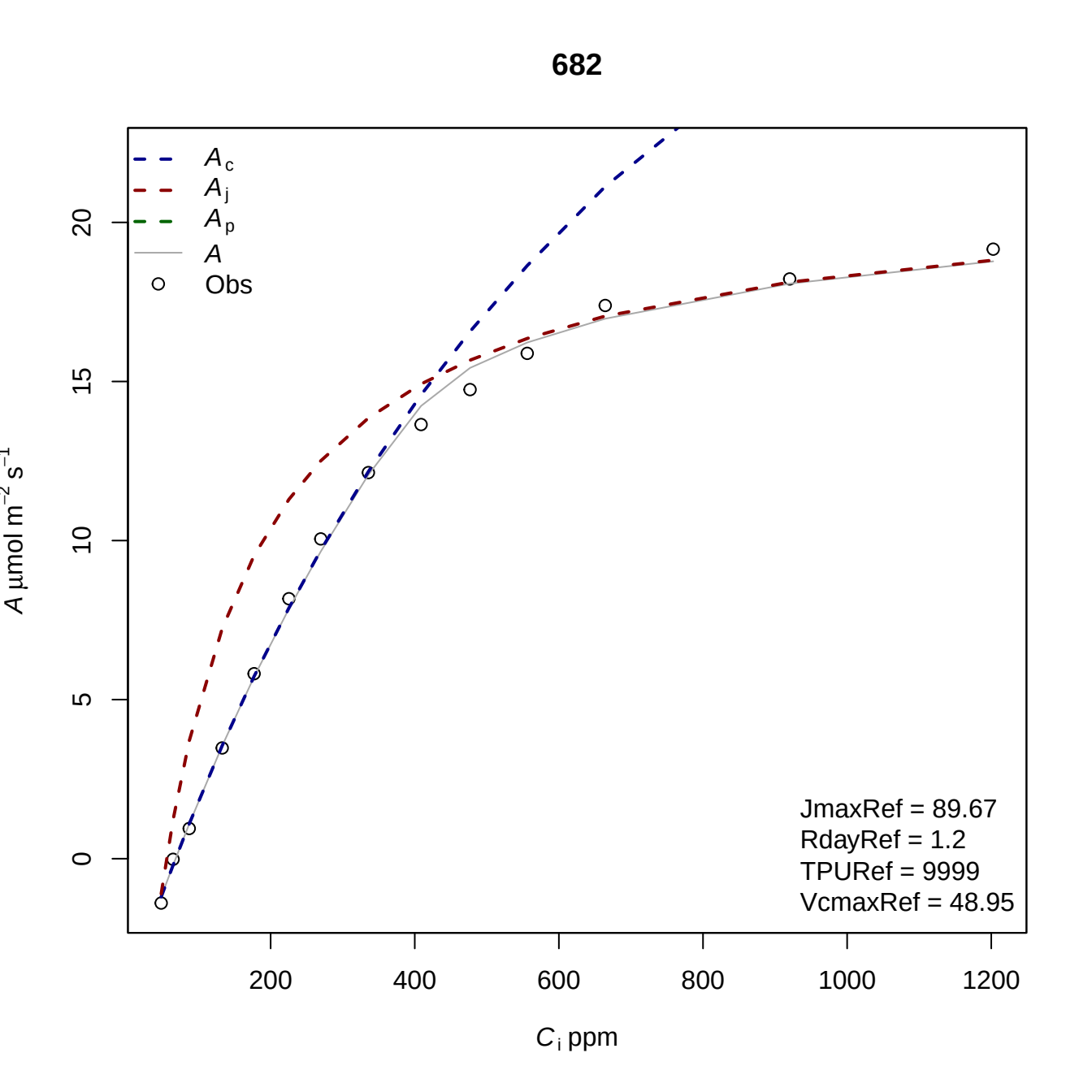

677
A_c
A_j
A_p
A
Obs
JmaxRef = 117.4
RdayRef = 0.21
TPURef = 9999
VcmaxRef = 69.14
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

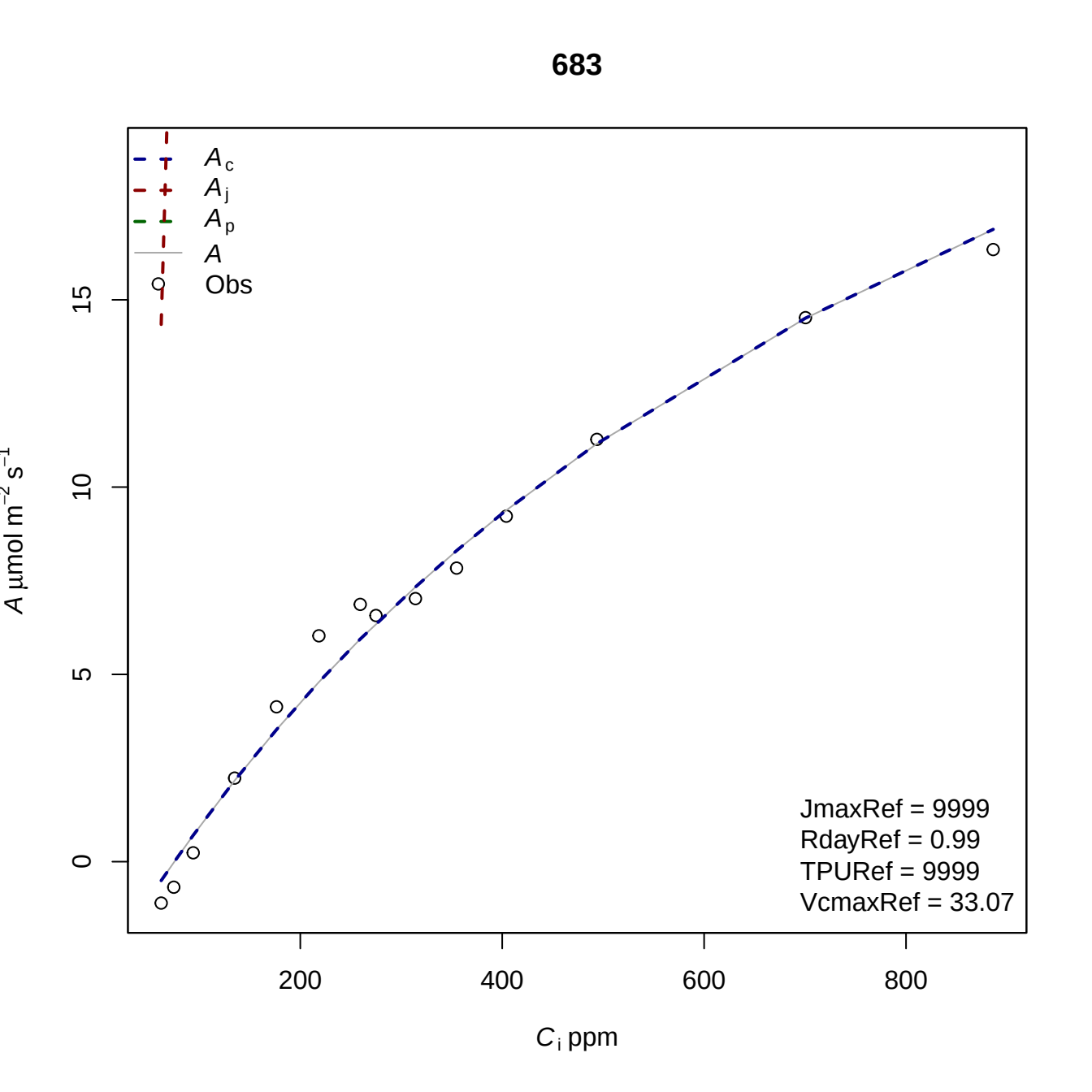

678
A_c
A_j
A_p
A
Obs
JmaxRef = 77.82
RdayRef = 0.41
TPURef = 5.43
VcmaxRef = 46.14
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

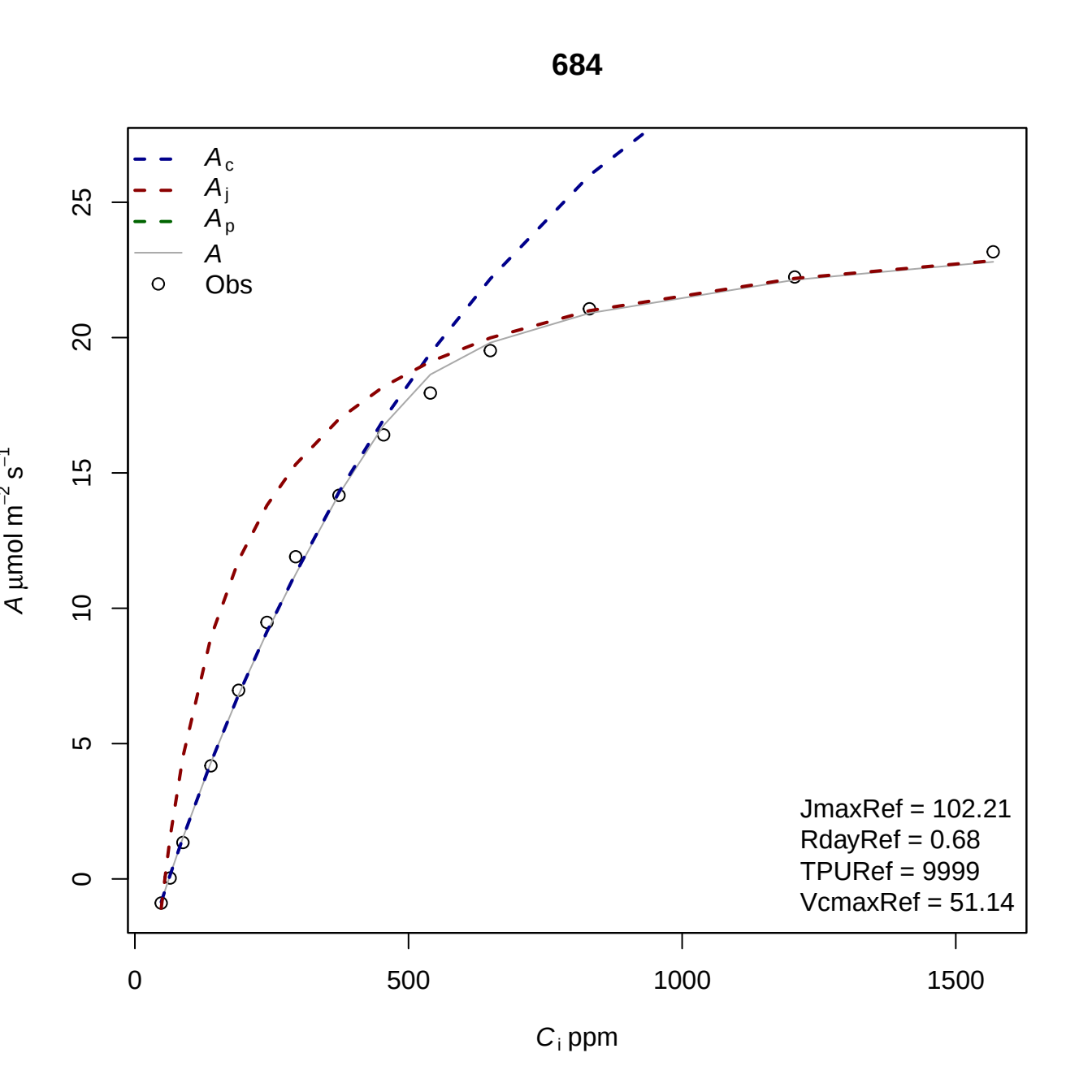

679
A_c
A_j
A_p
A
Obs
JmaxRef = 123.99
RdayRef = −9.03
TPURef = 7.31
VcmaxRef = 89.53
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
30
35
40
0
200
400
600
800
1000
1200

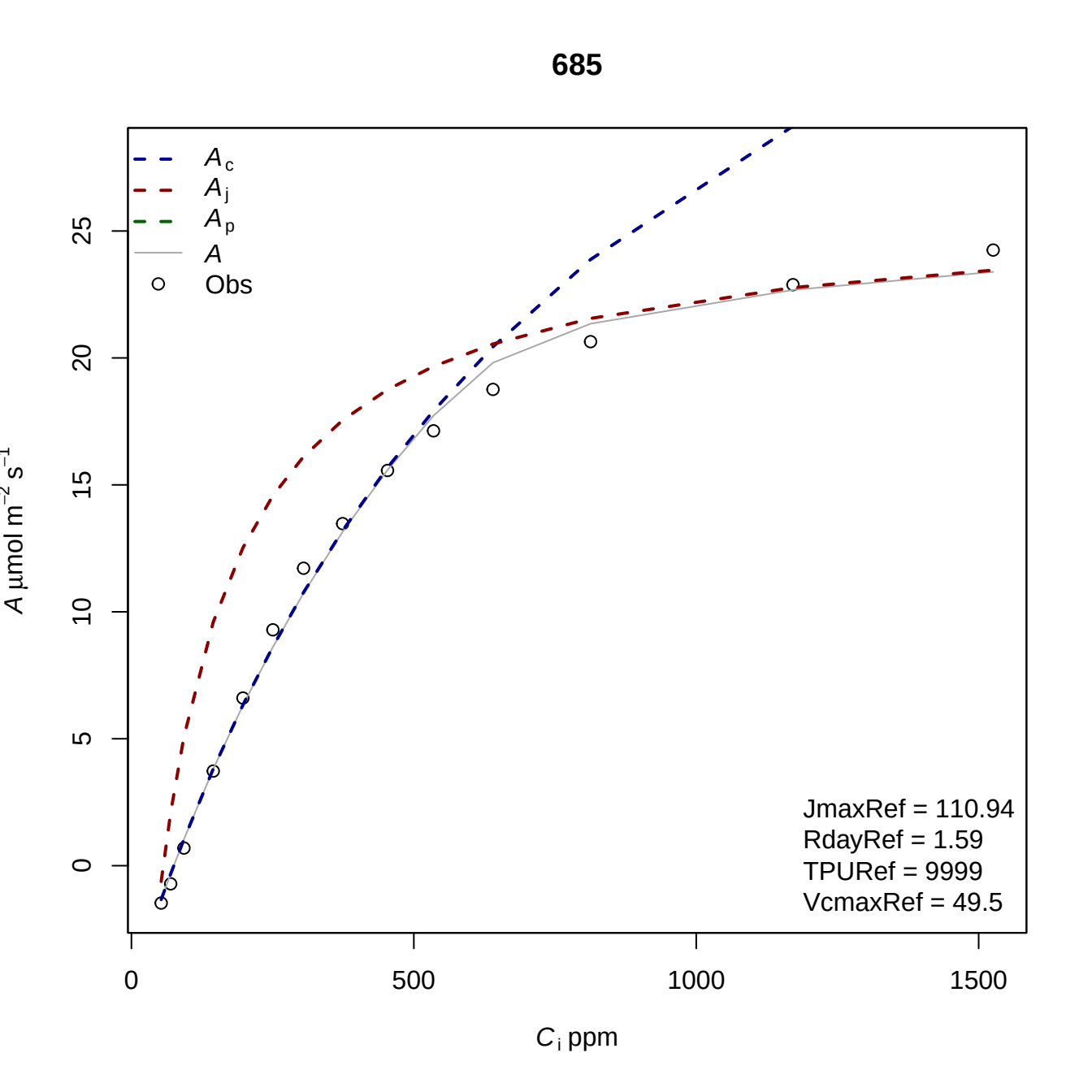

680
A_c
A_j
A_p
A
Obs
JmaxRef = 94.9
RdayRef = −0.51
TPURef = 9999
VcmaxRef = 56.64
A µmol m^{-2} s^{-1}
C_i ppm
10
15
20
25
200
400
600
800
1000
1200

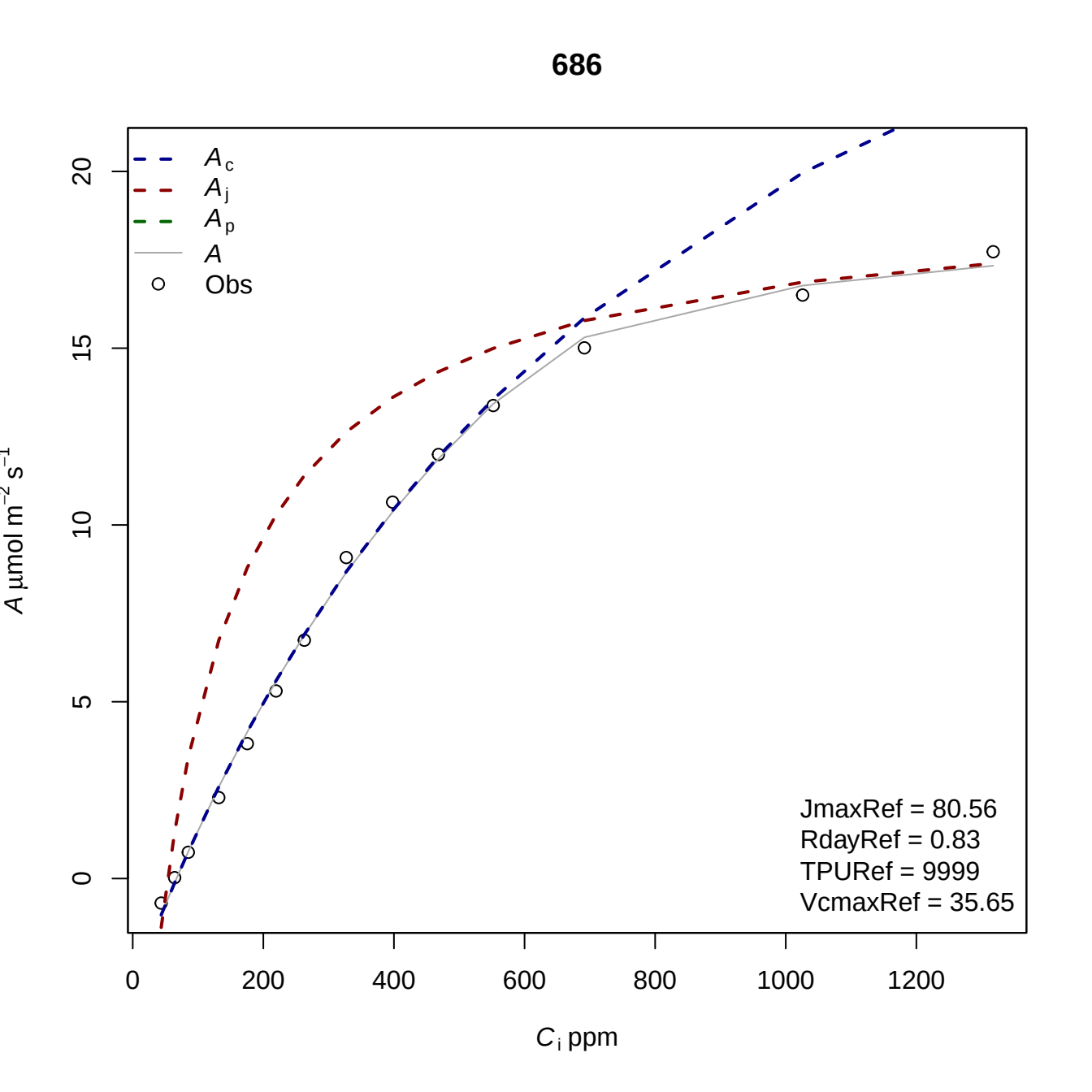

681
A_c
A_j
A_p
A
Obs
JmaxRef = 94.91
RdayRef = 1.21
TPURef = 9999
VcmaxRef = 52.06
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

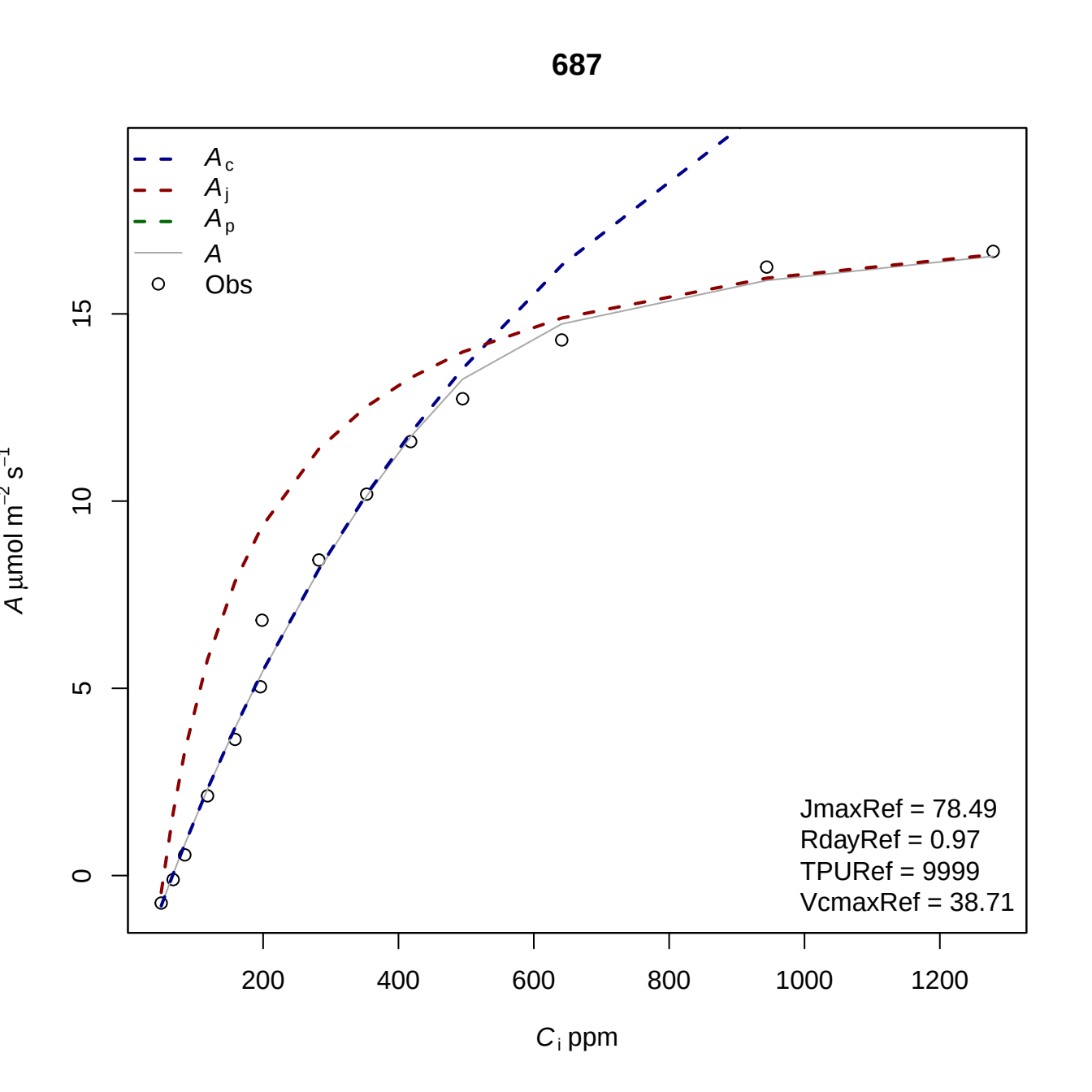

682
A_c
A_j
A_p
A
Obs
JmaxRef = 89.67
RdayRef = 1.2
TPURef = 9999
VcmaxRef = 48.95
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

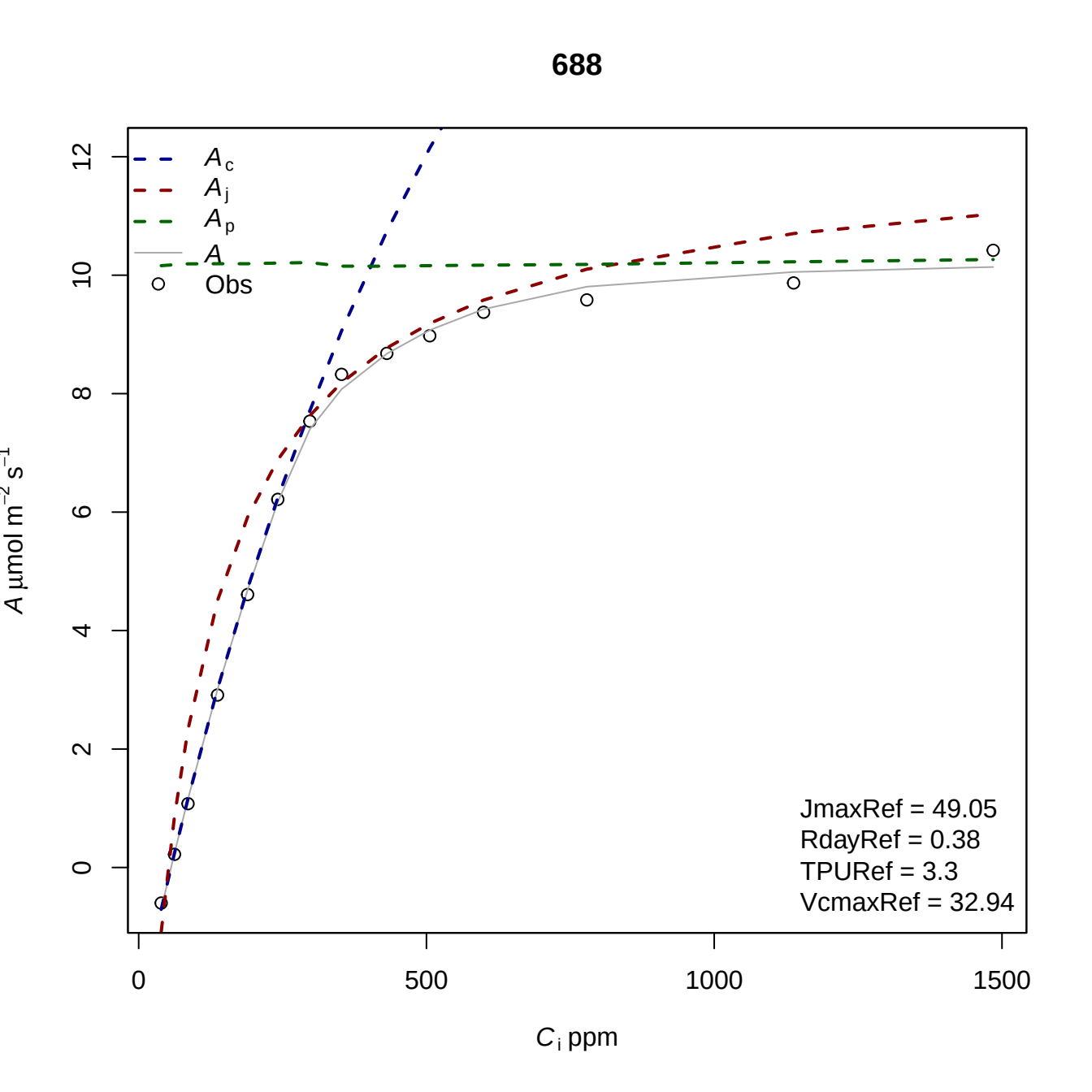

683
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.99
TPURef = 9999
VcmaxRef = 33.07
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800

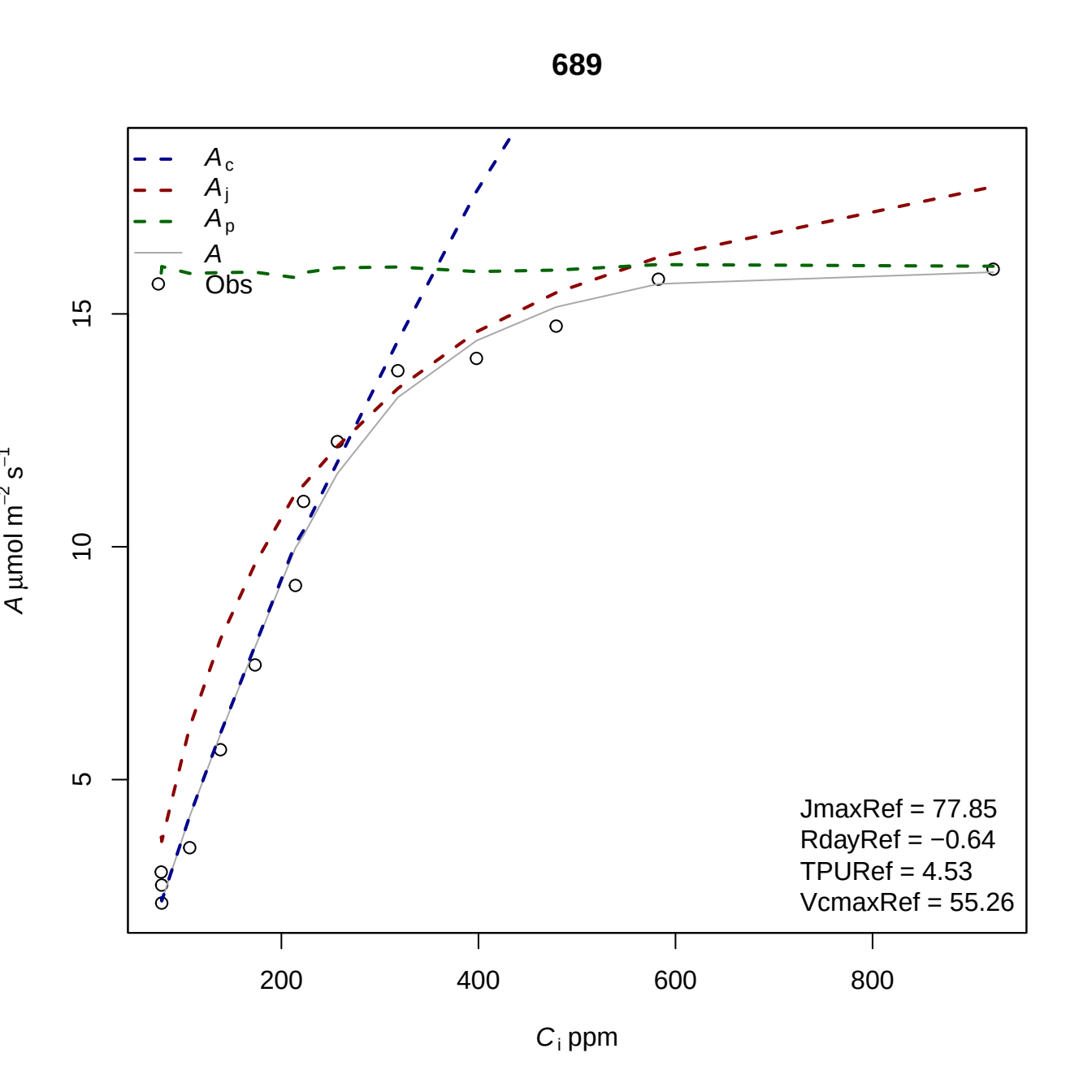

684
A_c
A_j
A_p
A
Obs
JmaxRef = 102.21
RdayRef = 0.68
TPURef = 9999
VcmaxRef = 51.14
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

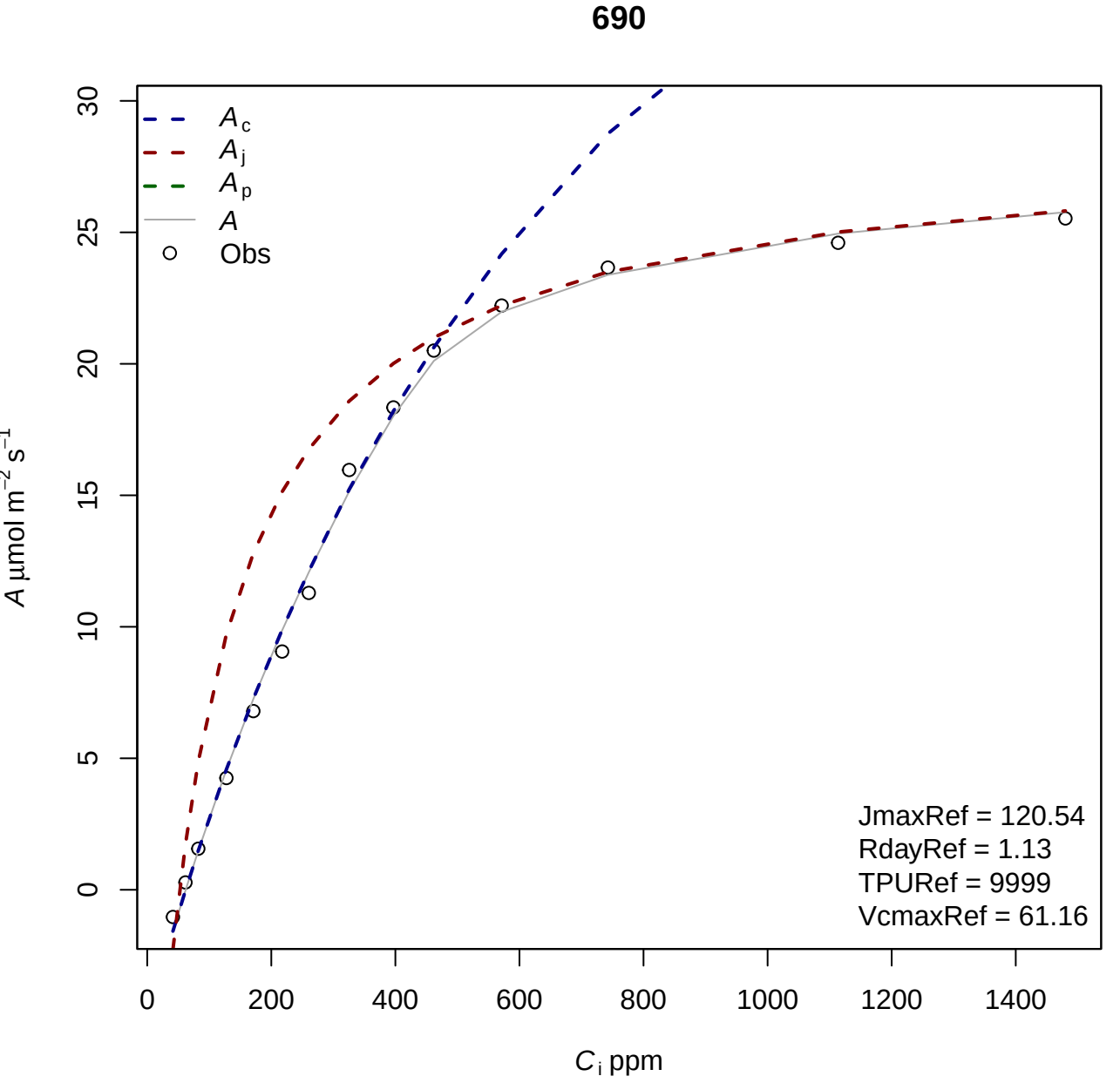

685
A_c
A_j
A_p
A
Obs
JmaxRef = 110.94
RdayRef = 1.59
TPURef = 9999
VcmaxRef = 49.5
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

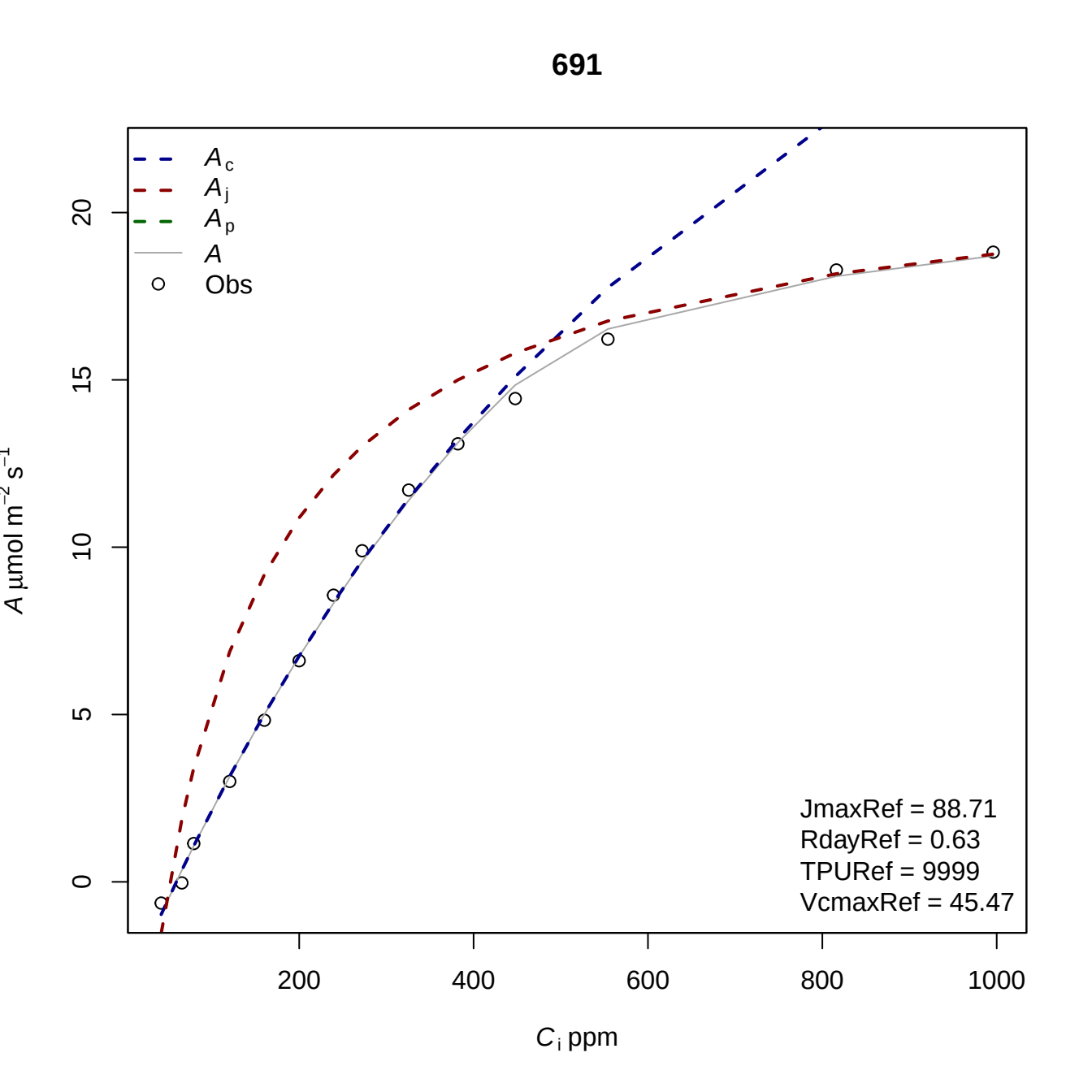

686
A_c
A_j
A_p
A
Obs
JmaxRef = 80.56
RdayRef = 0.83
TPURef = 9999
VcmaxRef = 35.65
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

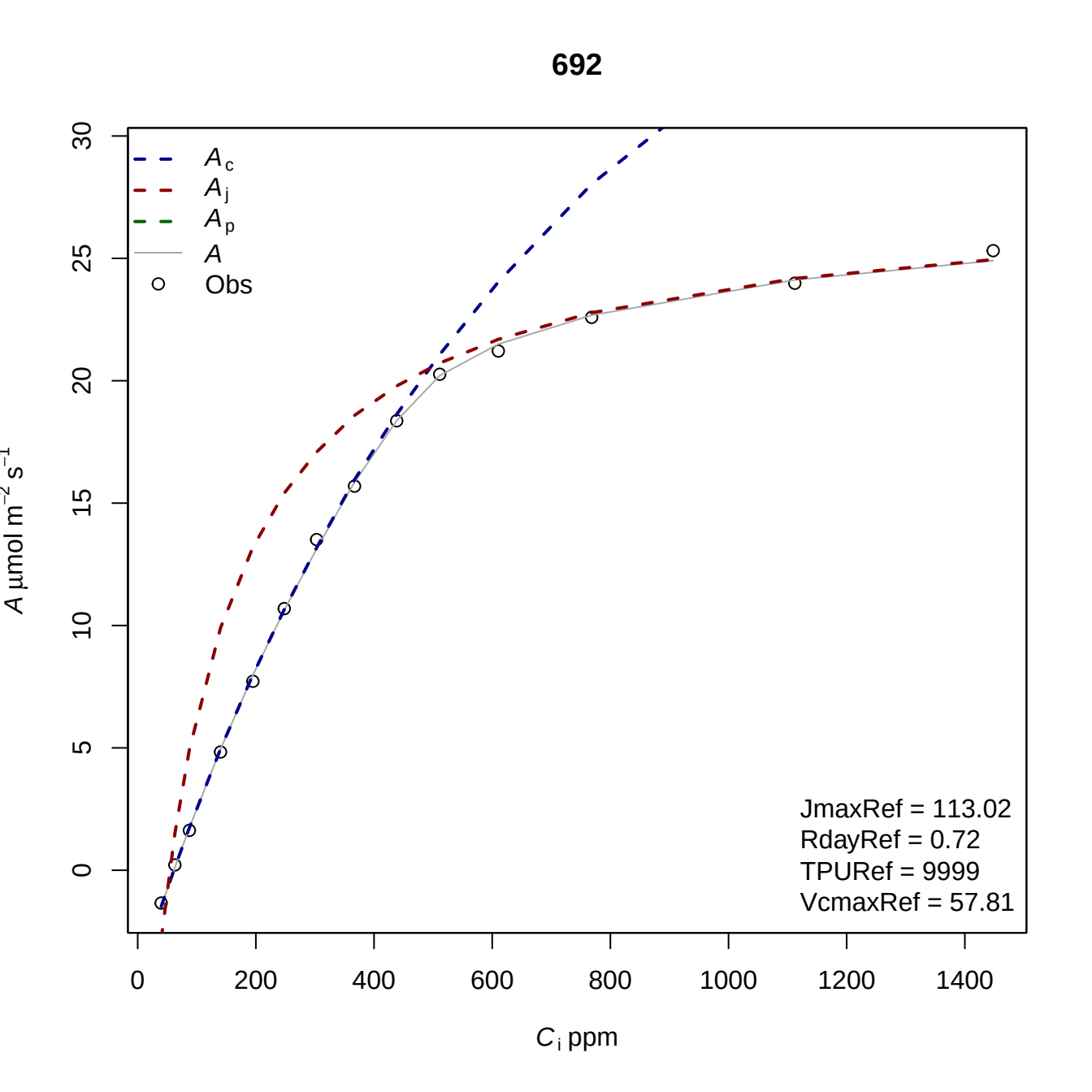

687
A_c
A_j
A_p
A
Obs
JmaxRef = 78.49
RdayRef = 0.97
TPURef = 9999
VcmaxRef = 38.71
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

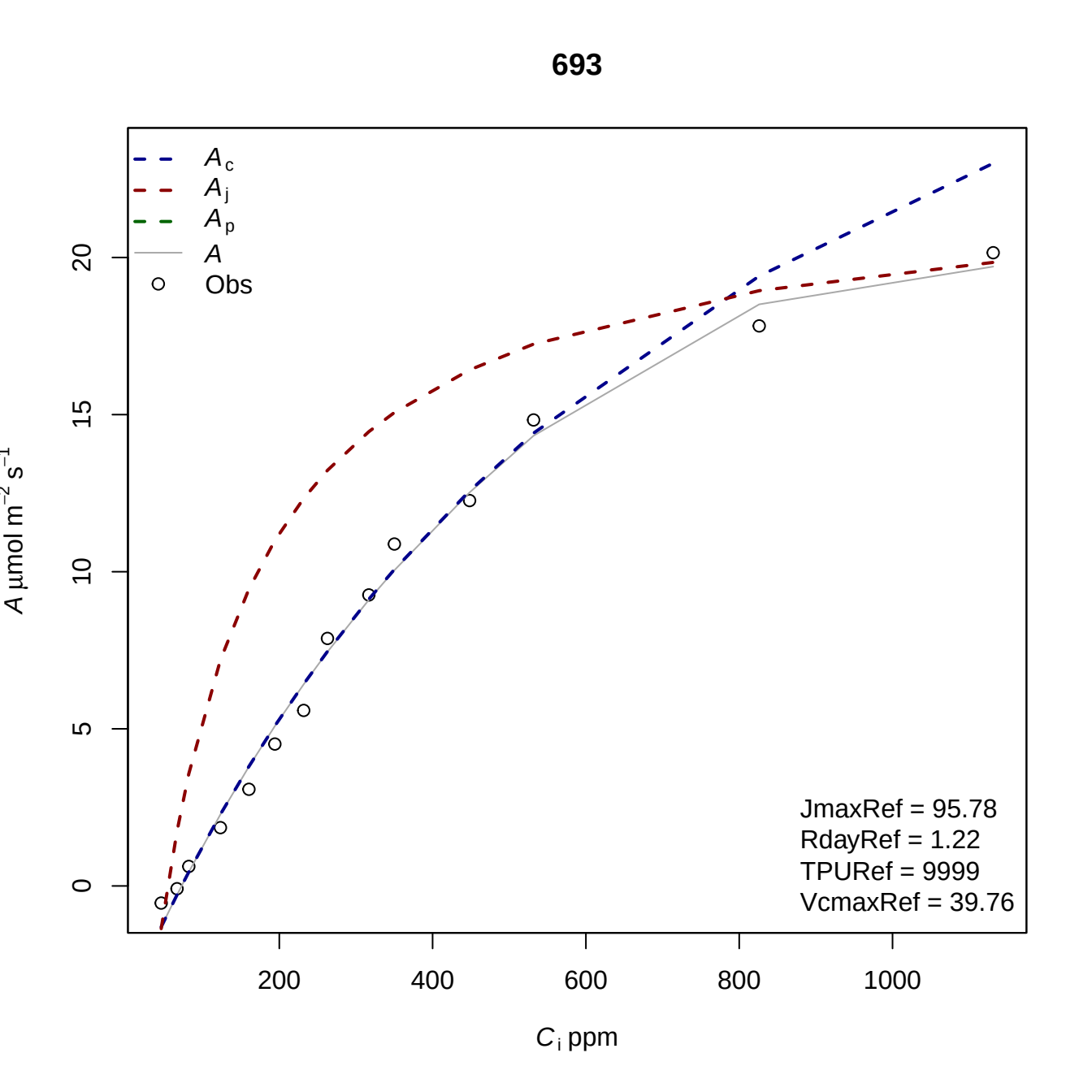

688
A_c
A_j
A_p
A
Obs
JmaxRef = 49.05
RdayRef = 0.38
TPURef = 3.3
VcmaxRef = 32.94
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
0
500
1000
1500

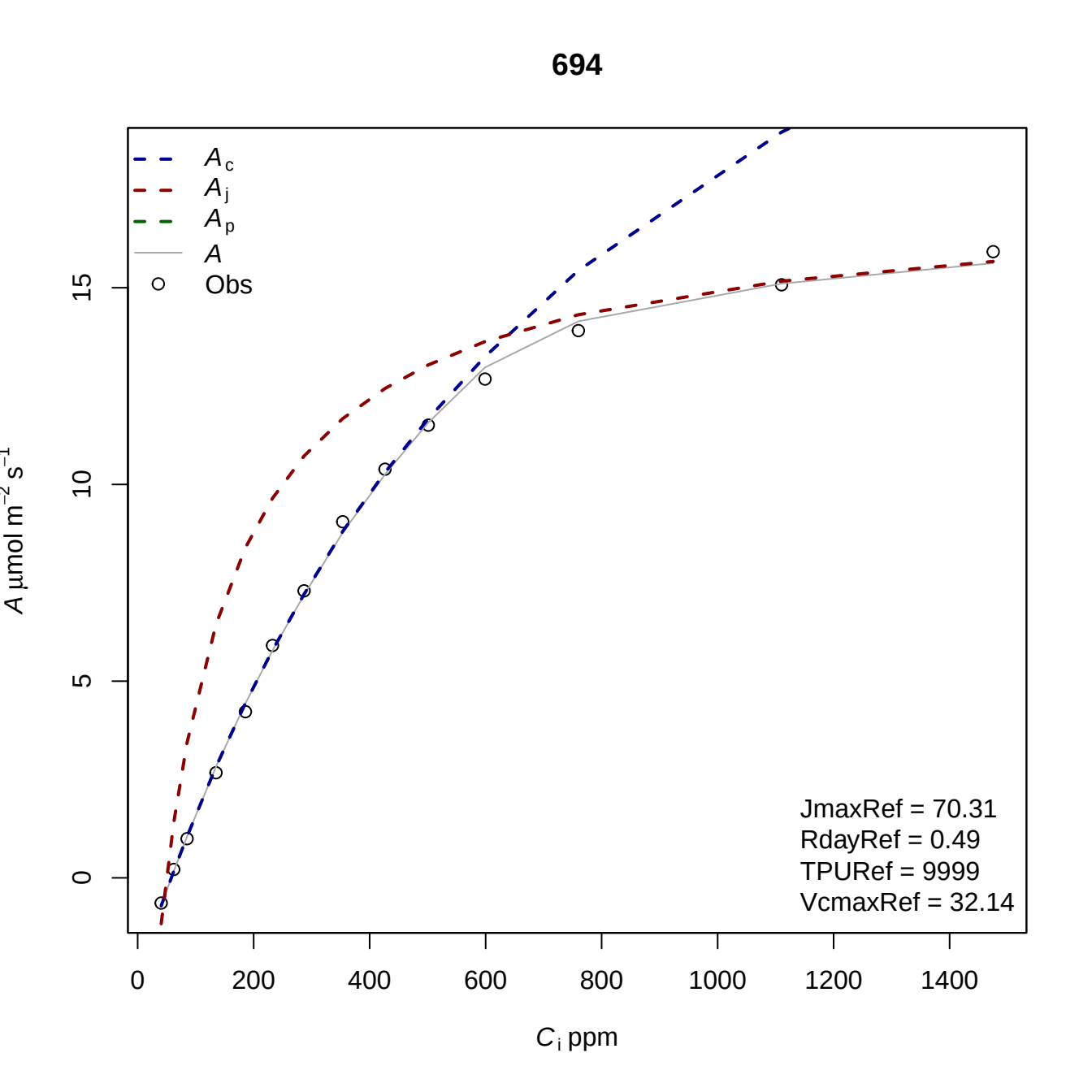

689
A_c
A_j
A_p
A
Obs
JmaxRef = 77.85
RdayRef = −0.64
TPURef = 4.53
VcmaxRef = 55.26
5
10
15
200
400
600
800
A µmol m^{-2} s^{-1}
C_i ppm

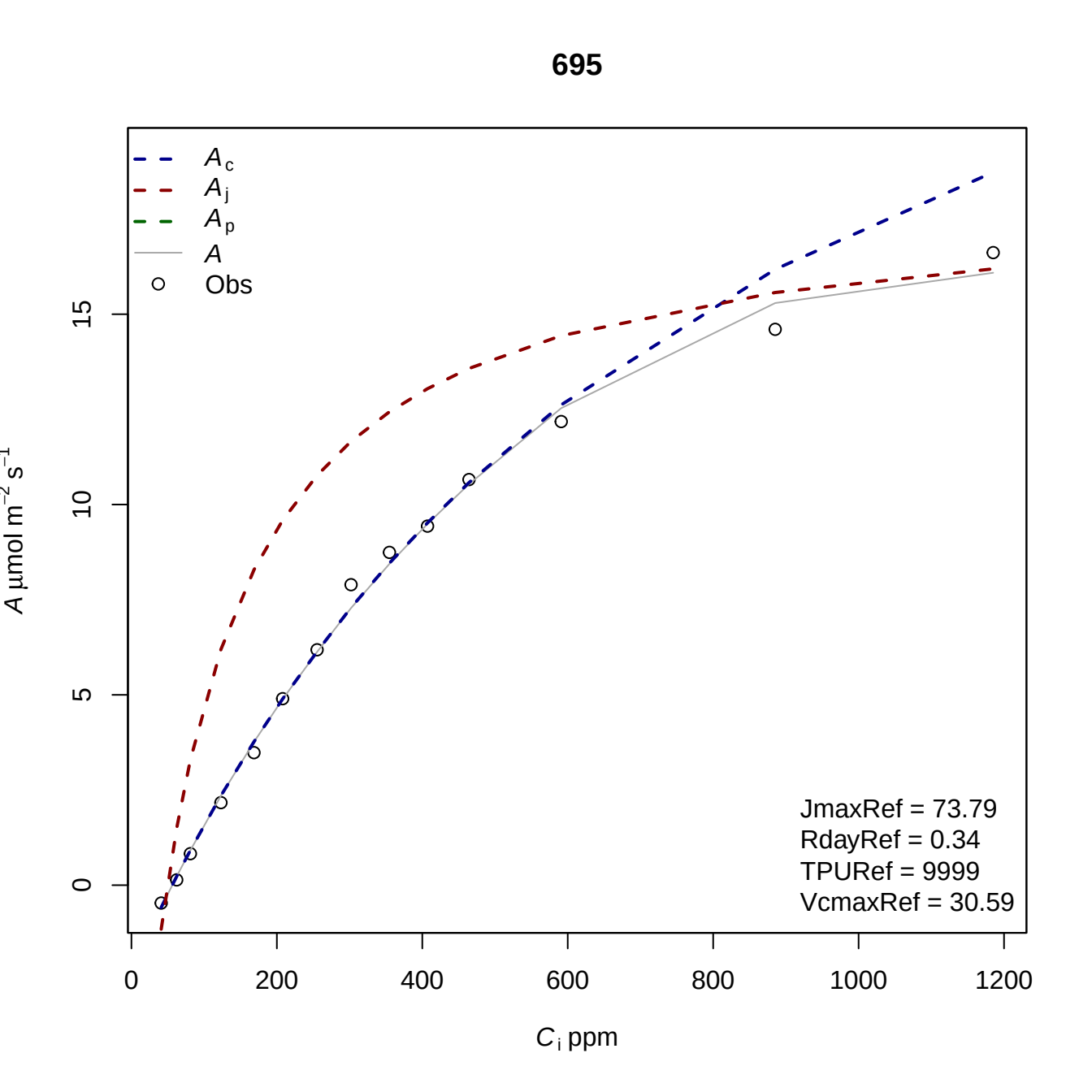

690
A_c
A_j
A_p
A
Obs
JmaxRef = 120.54
RdayRef = 1.13
TPURef = 9999
VcmaxRef = 61.16
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

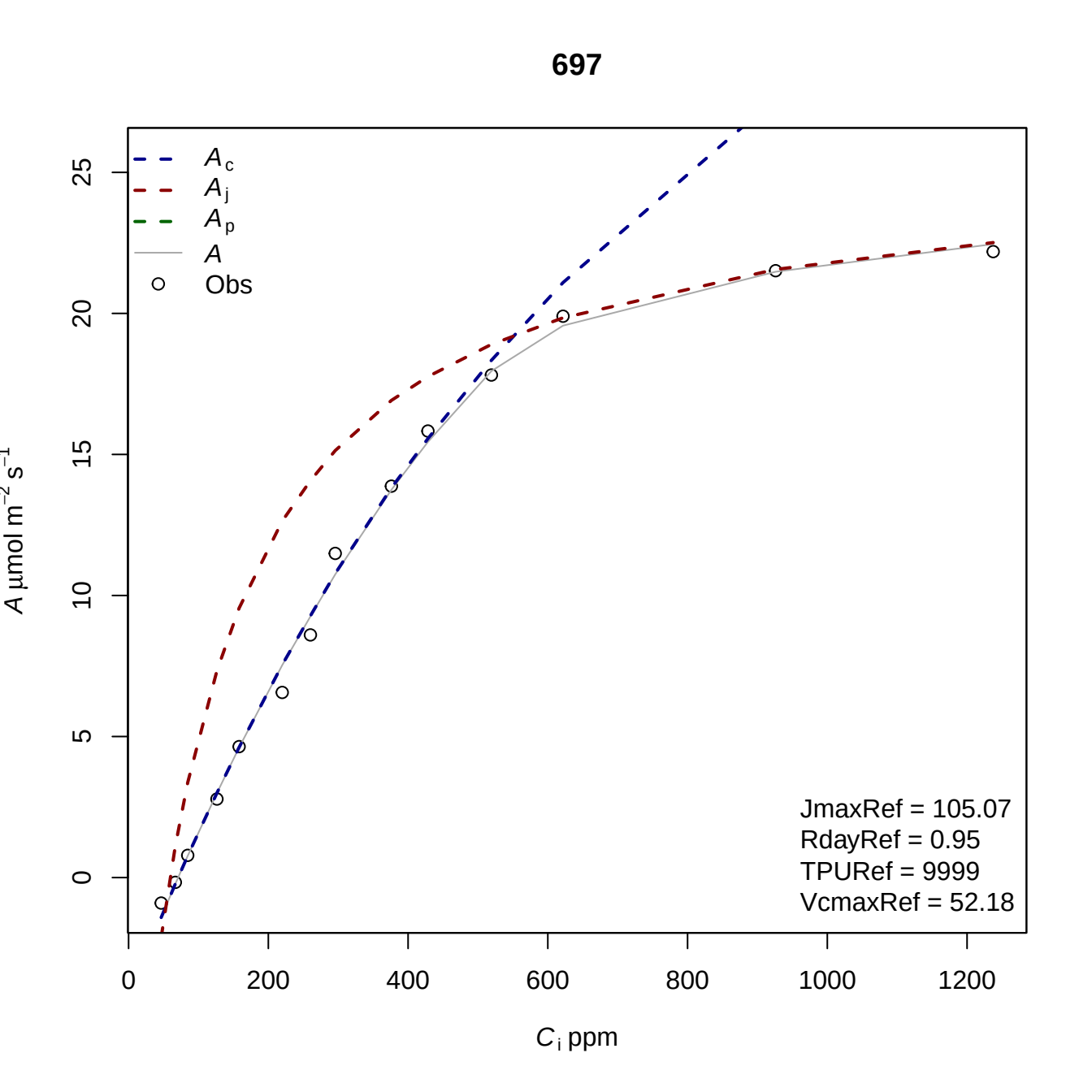

691
A_c
A_j
A_p
A
Obs
JmaxRef = 88.71
RdayRef = 0.63
TPURef = 9999
VcmaxRef = 45.47
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

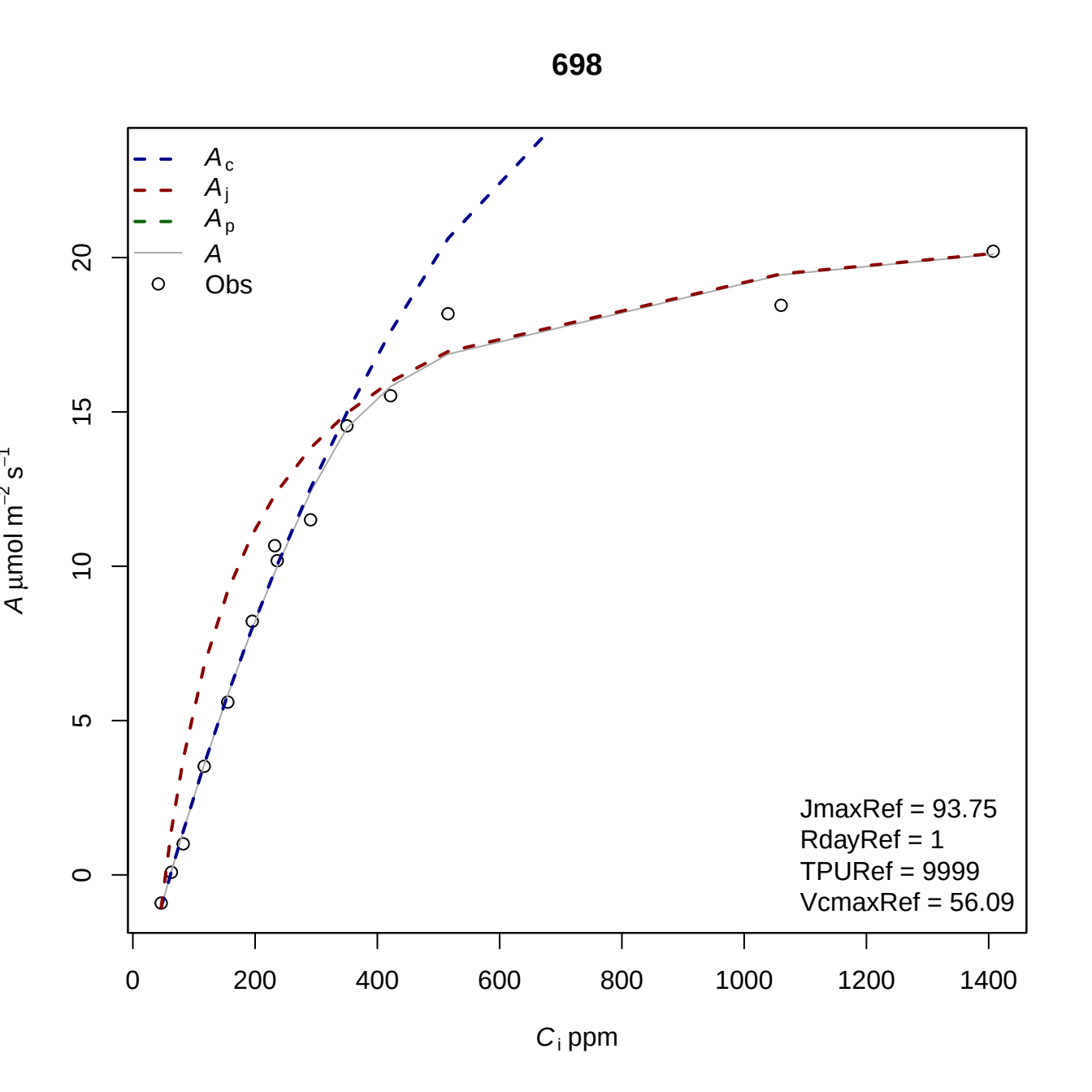

692
A_c
A_j
A_p
A
Obs
JmaxRef = 113.02
RdayRef = 0.72
TPURef = 9999
VcmaxRef = 57.81
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

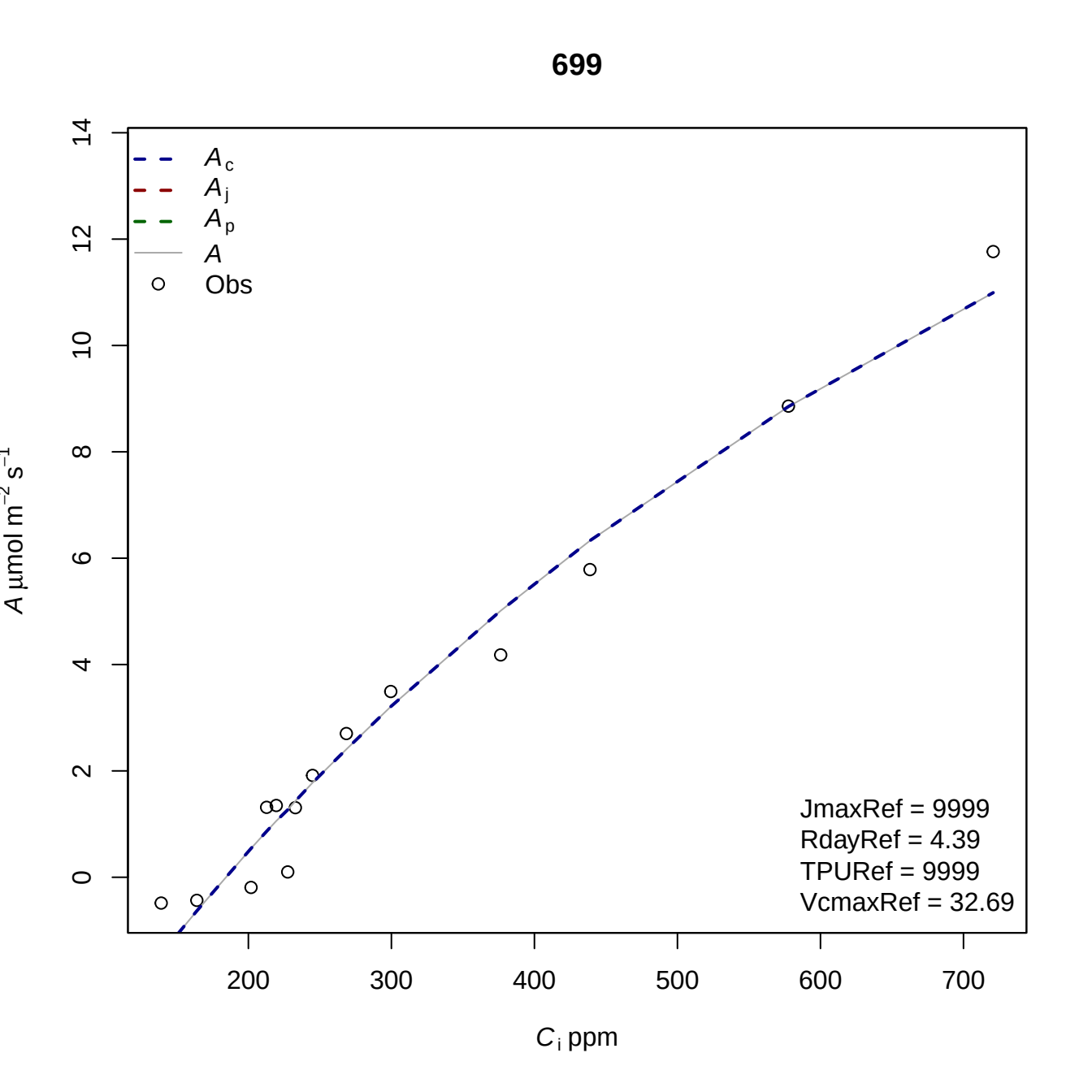

693
A_c
A_j
A_p
A
Obs
JmaxRef = 95.78
RdayRef = 1.22
TPURef = 9999
VcmaxRef = 39.76
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

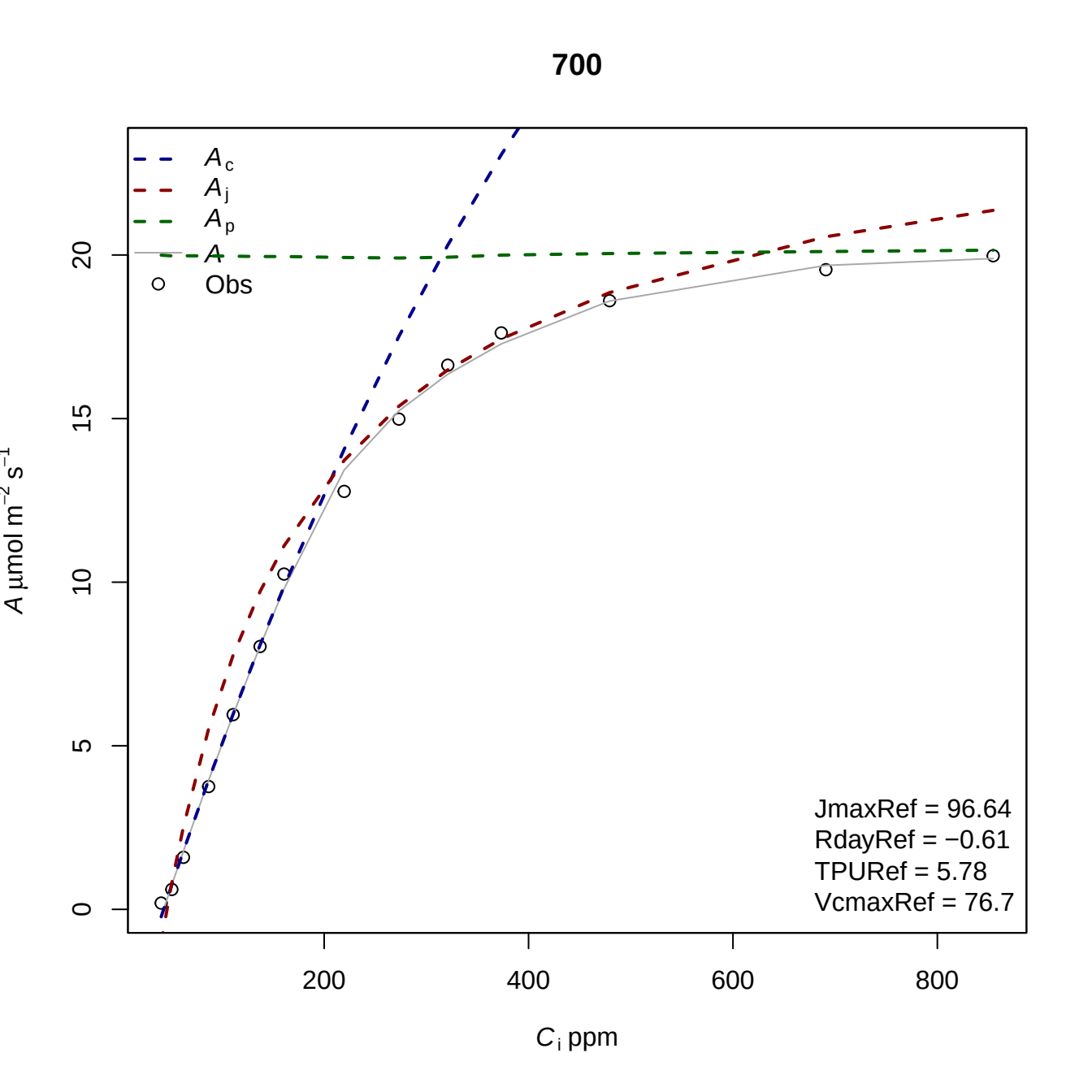

694
A_c
A_j
A_p
A
Obs
JmaxRef = 70.31
RdayRef = 0.49
TPURef = 9999
VcmaxRef = 32.14
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

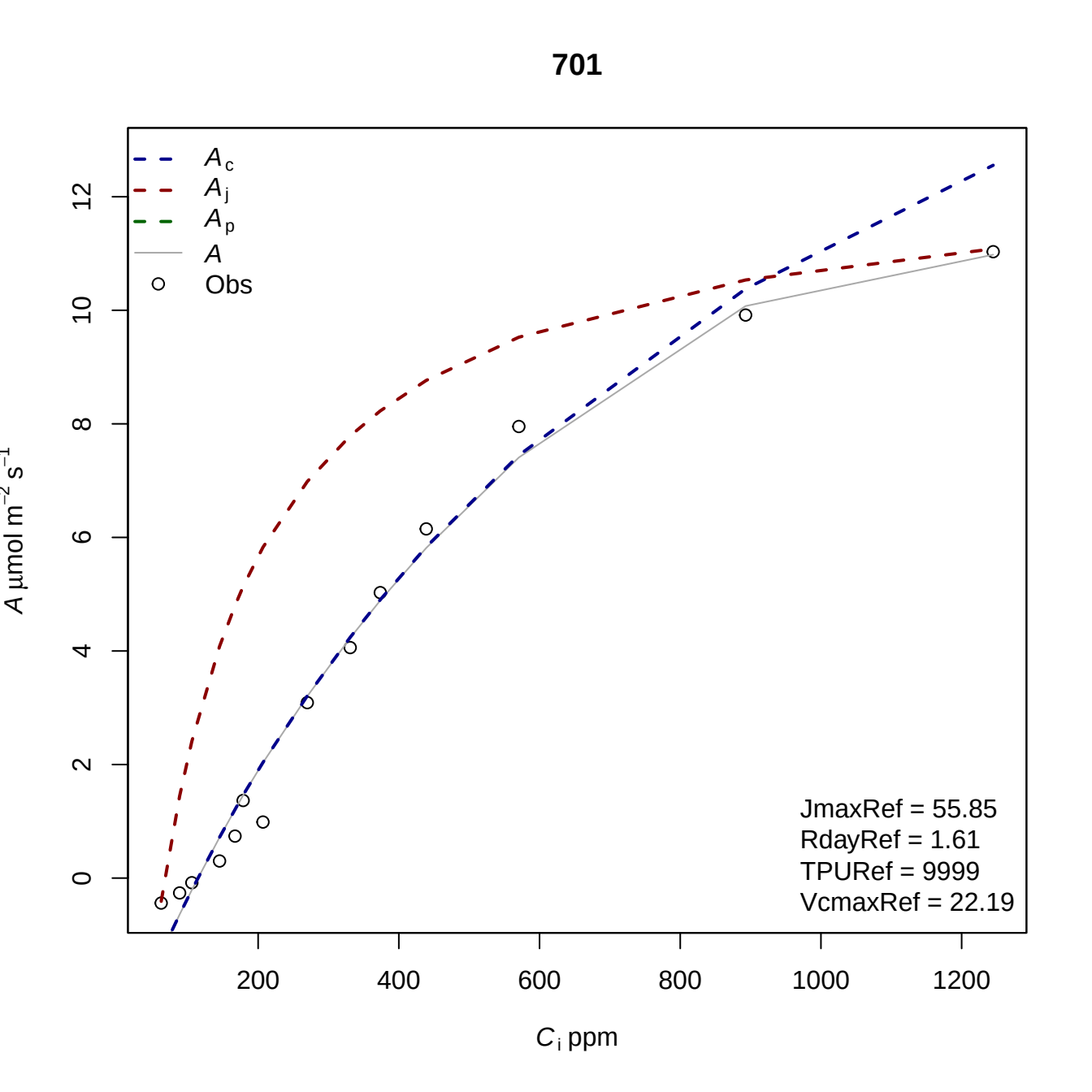

695
A_c
A_j
A_p
A
Obs
JmaxRef = 73.79
RdayRef = 0.34
TPURef = 9999
VcmaxRef = 30.59
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200

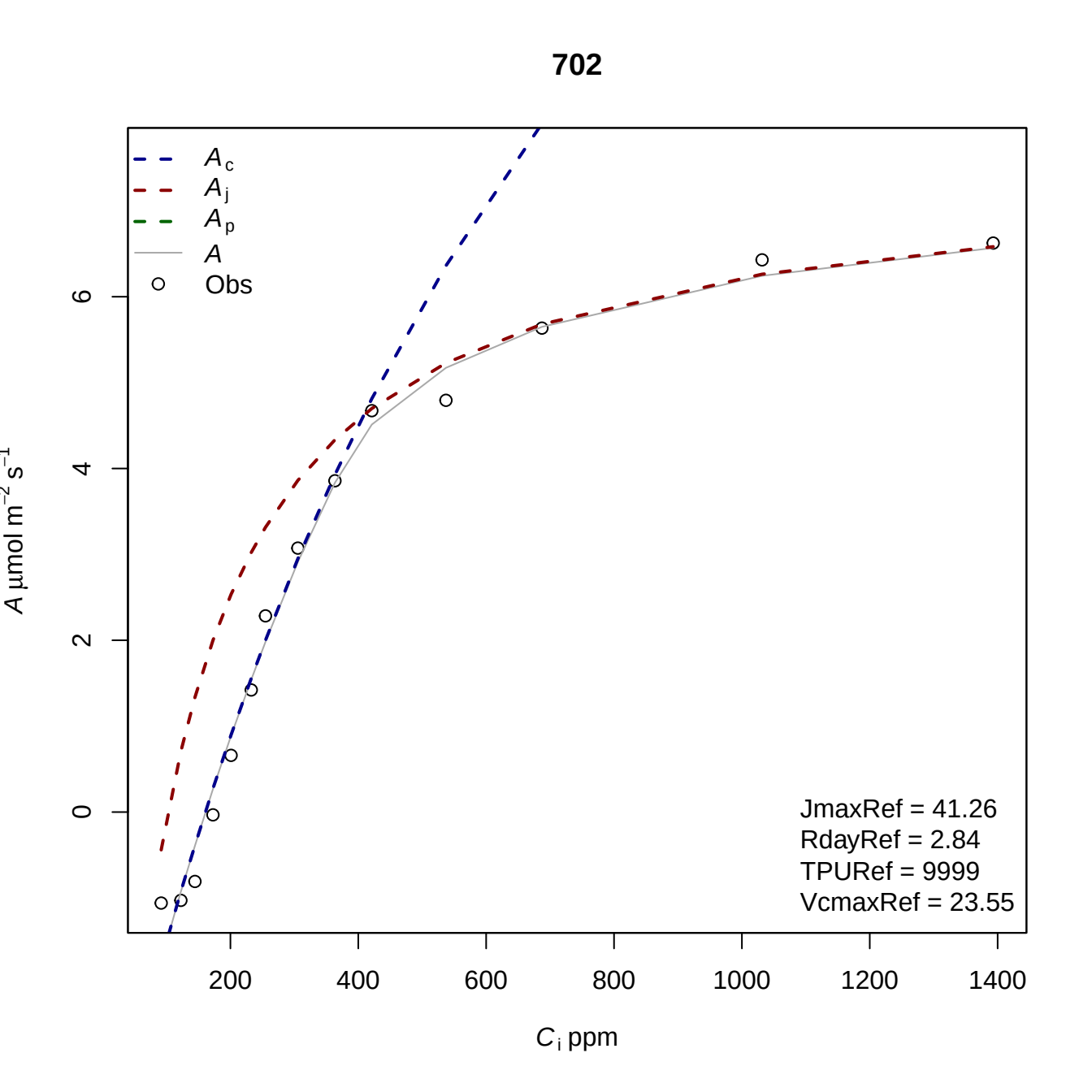

697
A_c
A_j
A_p
A
Obs
JmaxRef = 105.07
RdayRef = 0.95
TPURef = 9999
VcmaxRef = 52.18
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

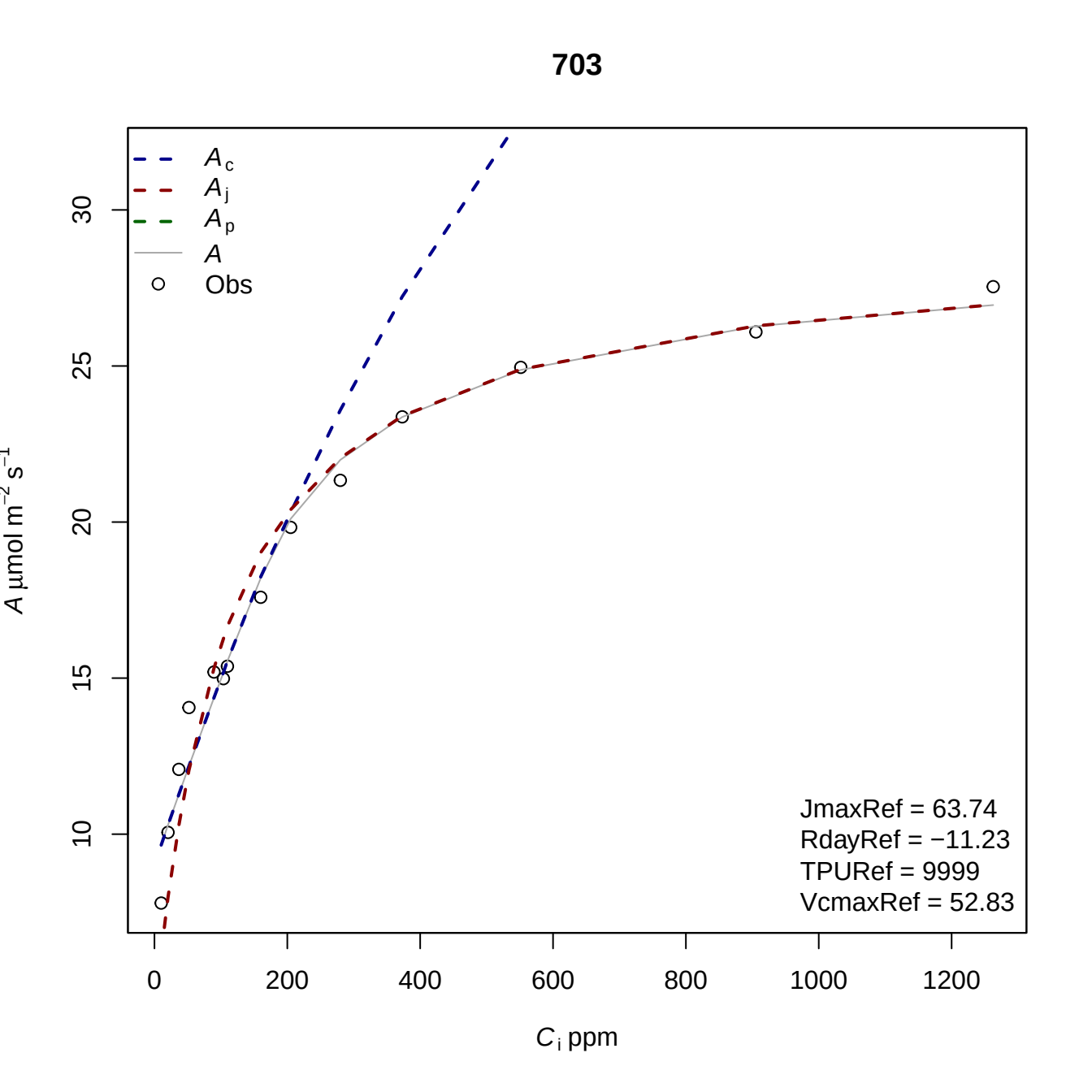

698
A_c
A_j
A_p
A
Obs
JmaxRef = 93.75
RdayRef = 1
TPURef = 9999
VcmaxRef = 56.09
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

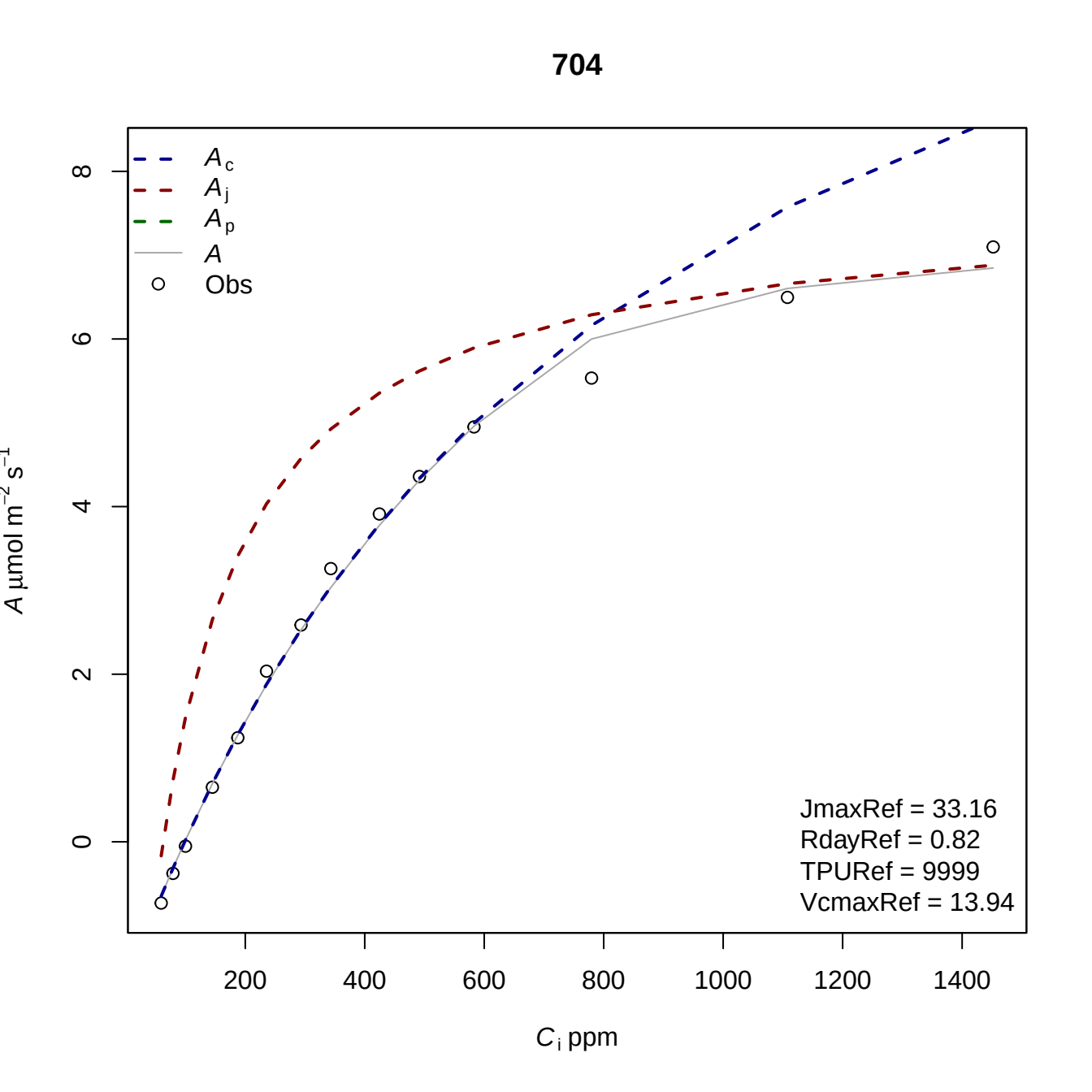

699
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 4.39
TPURef = 9999
VcmaxRef = 32.69
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
14
200
300
400
500
600
700

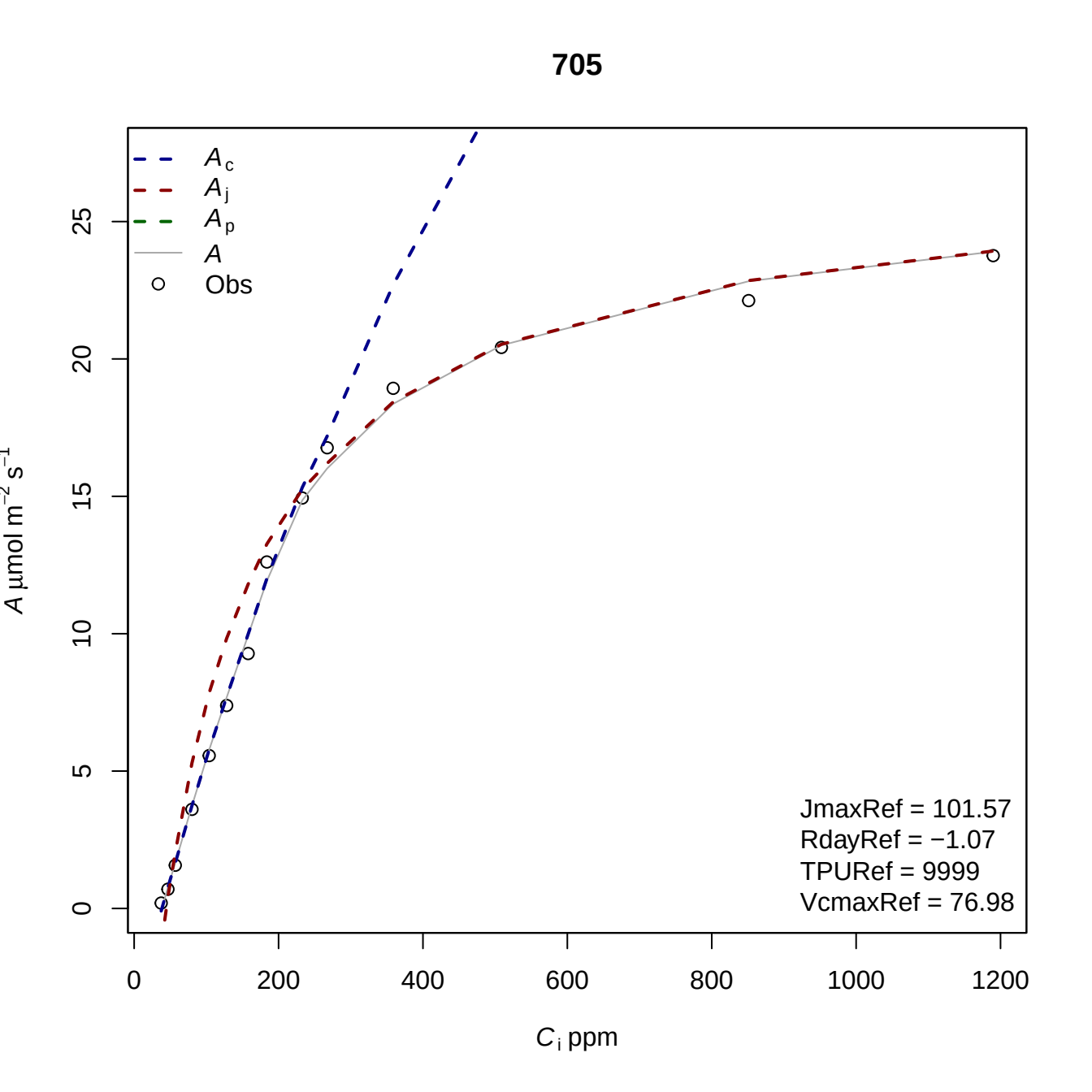

700
A_c
A_j
A_p
A
Obs
JmaxRef = 96.64
RdayRef = −0.61
TPURef = 5.78
VcmaxRef = 76.7
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800

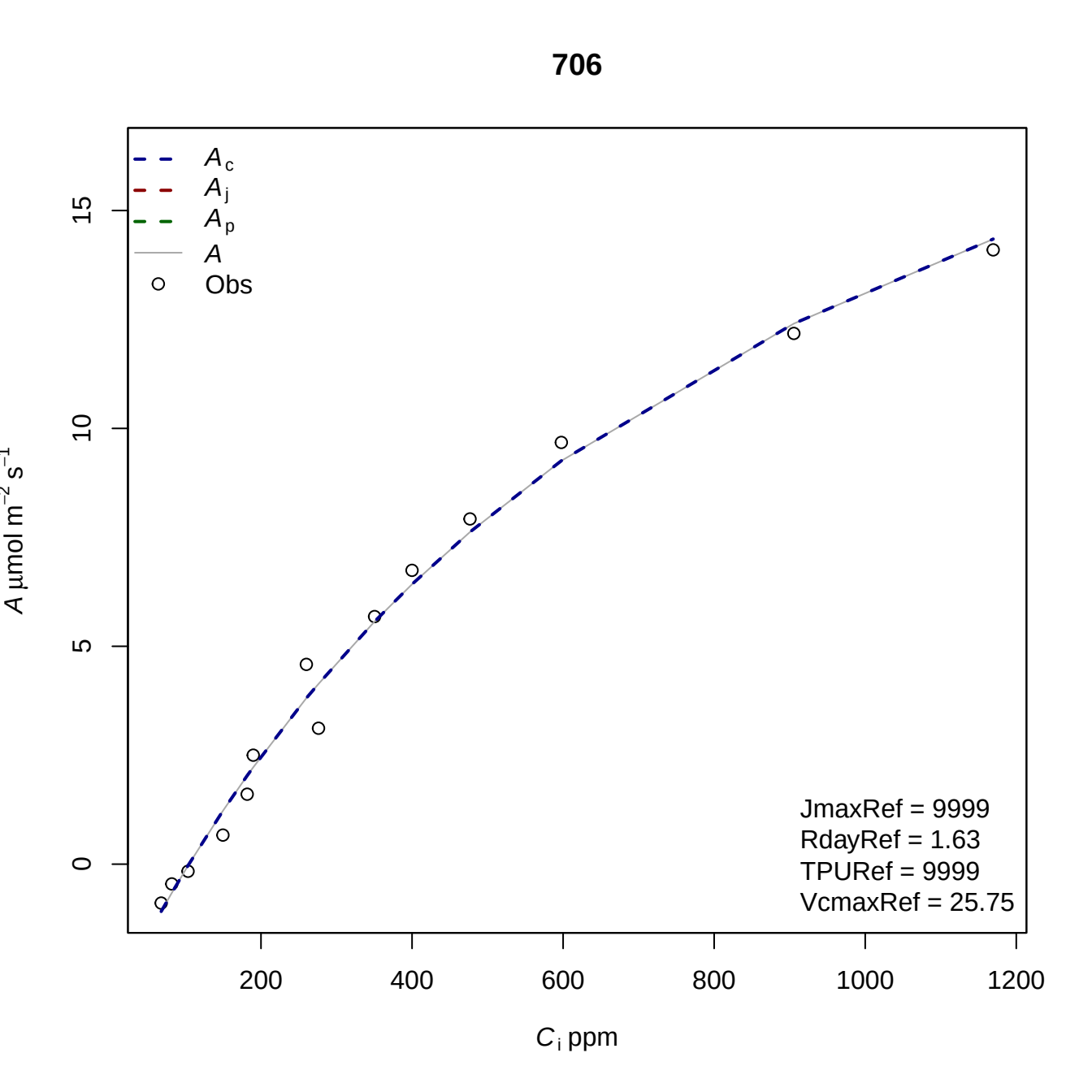

701
A_c
A_j
A_p
A
Obs
JmaxRef = 55.85
RdayRef = 1.61
TPURef = 9999
VcmaxRef = 22.19
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000
1200

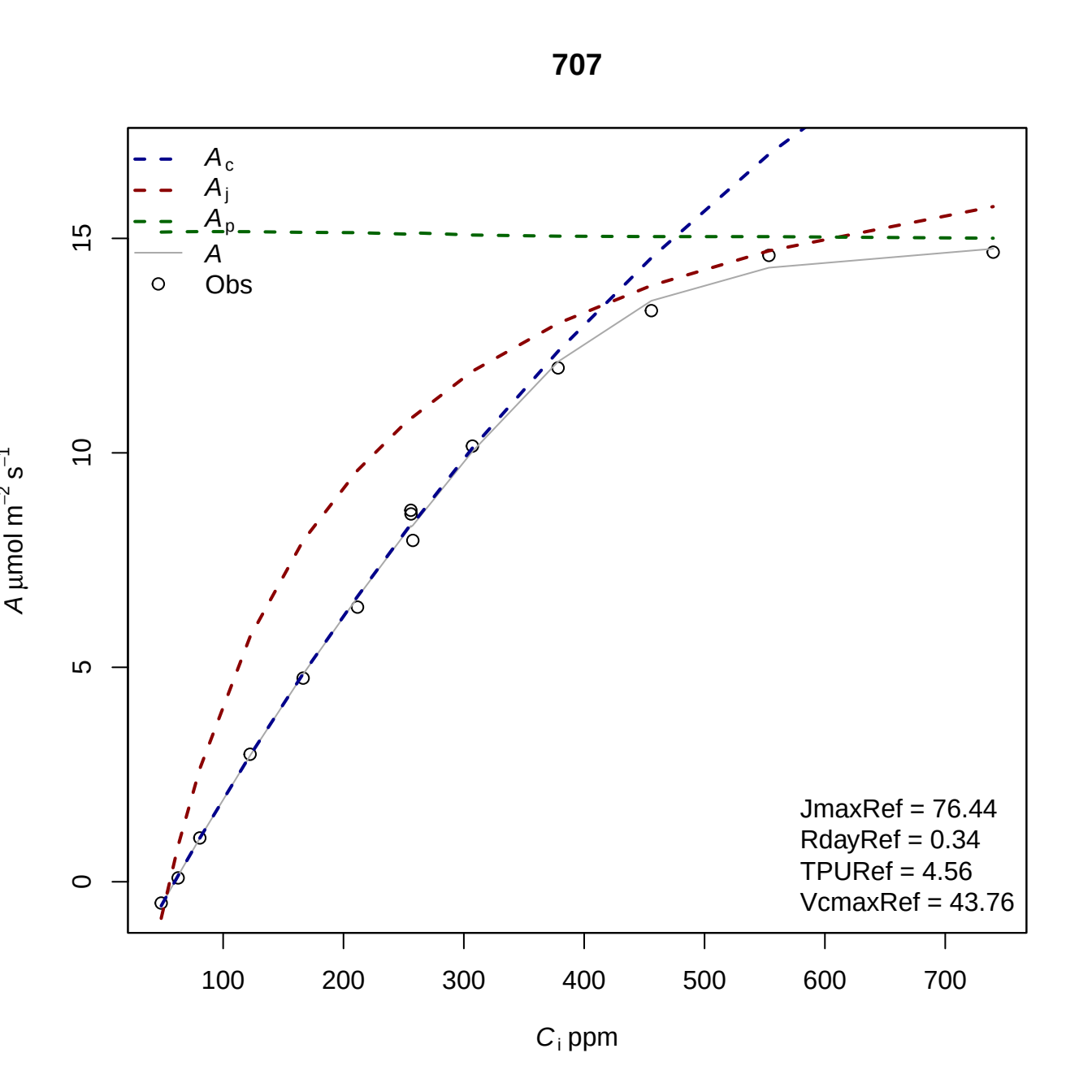

702
A_c
A_j
A_p
A
Obs
JmaxRef = 41.26
RdayRef = 2.84
TPURef = 9999
VcmaxRef = 23.55
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
200
400
600
800
1000
1200
1400

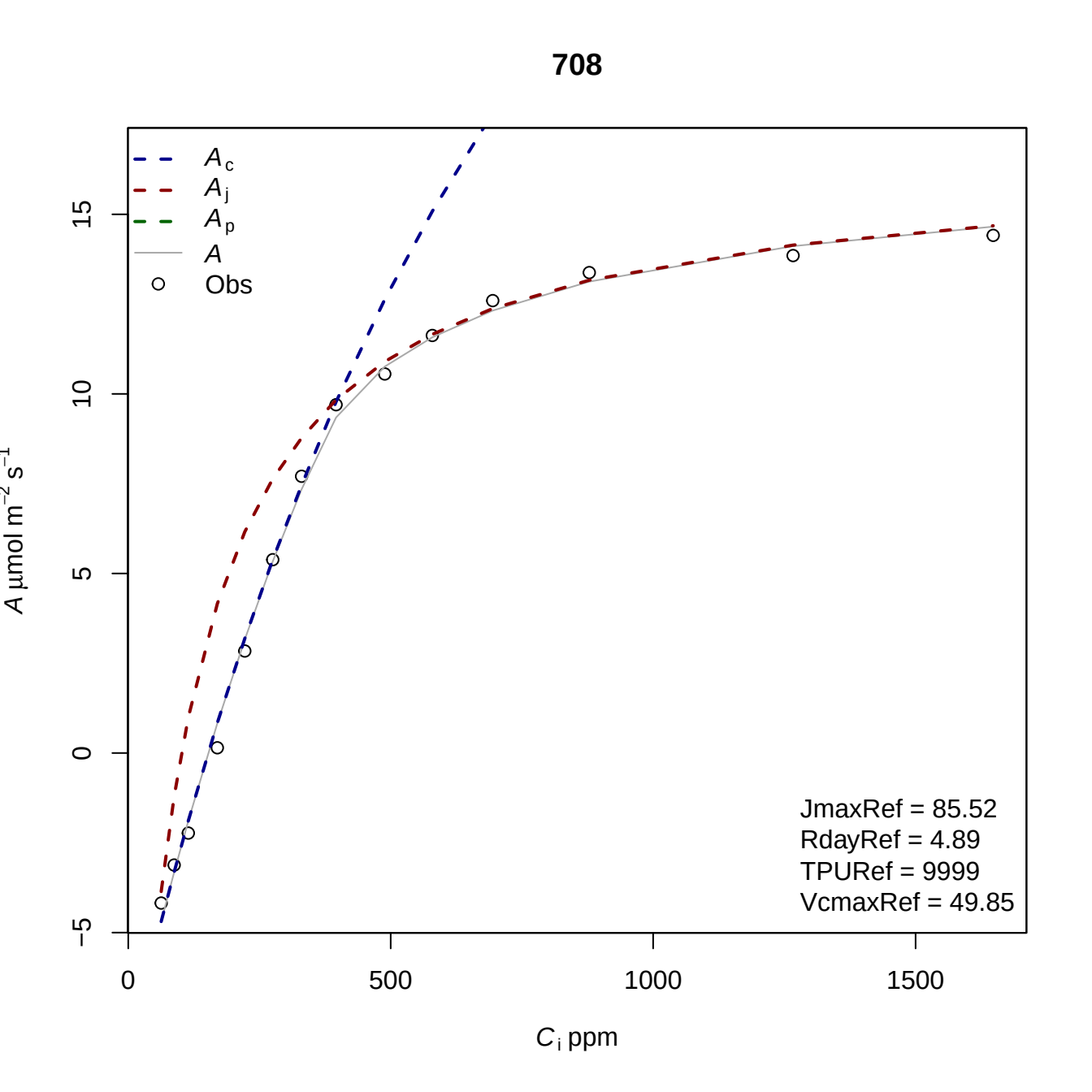

703
A_c
A_j
A_p
A
Obs
JmaxRef = 63.74
RdayRef = −11.23
TPURef = 9999
VcmaxRef = 52.83
A µmol m^{-2} s^{-1}
C_i ppm
10
15
20
25
30
0
200
400
600
800
1000
1200

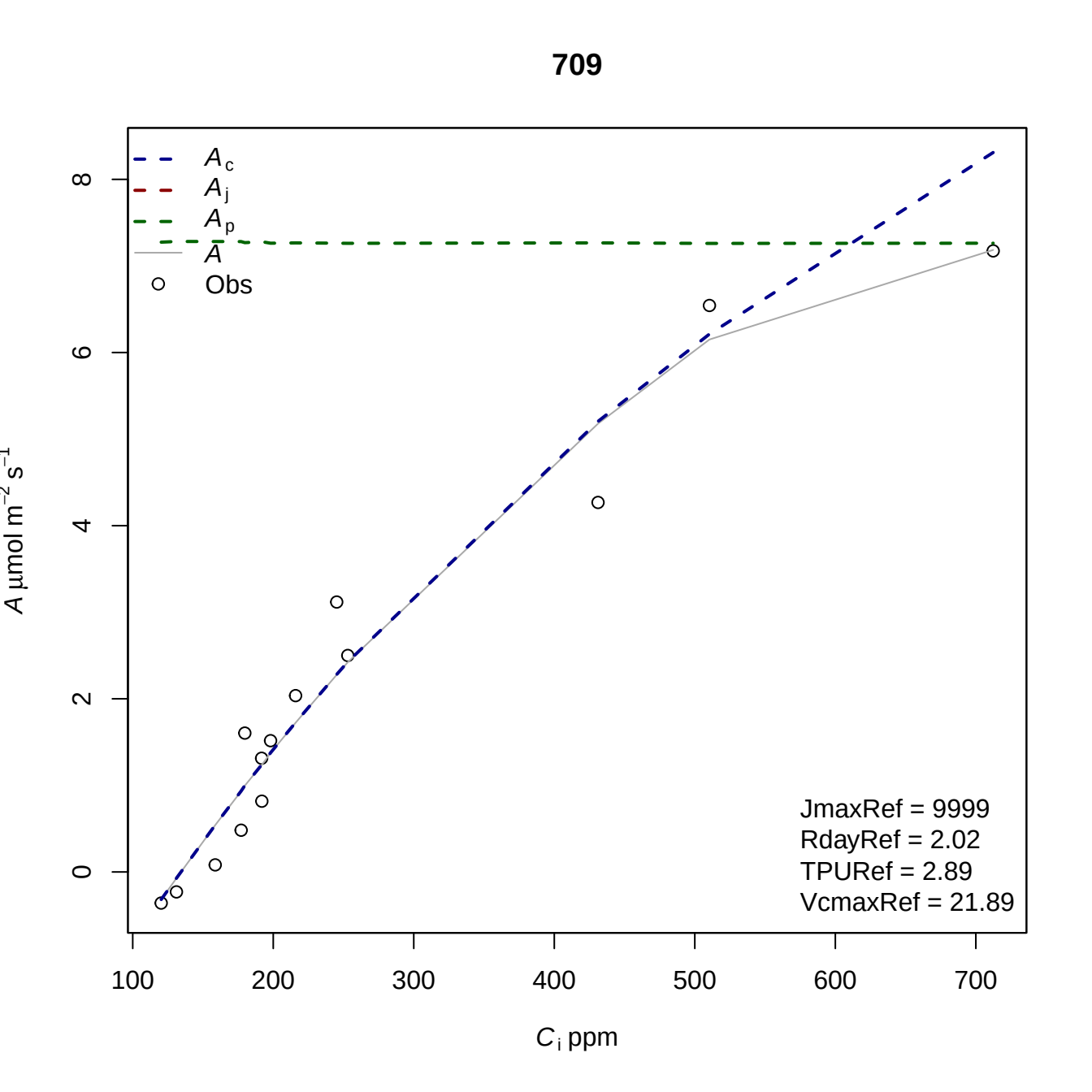

704
A_c
A_j
A_p
A
Obs
JmaxRef = 33.16
RdayRef = 0.82
TPURef = 9999
VcmaxRef = 13.94
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
200
400
600
800
1000
1200
1400

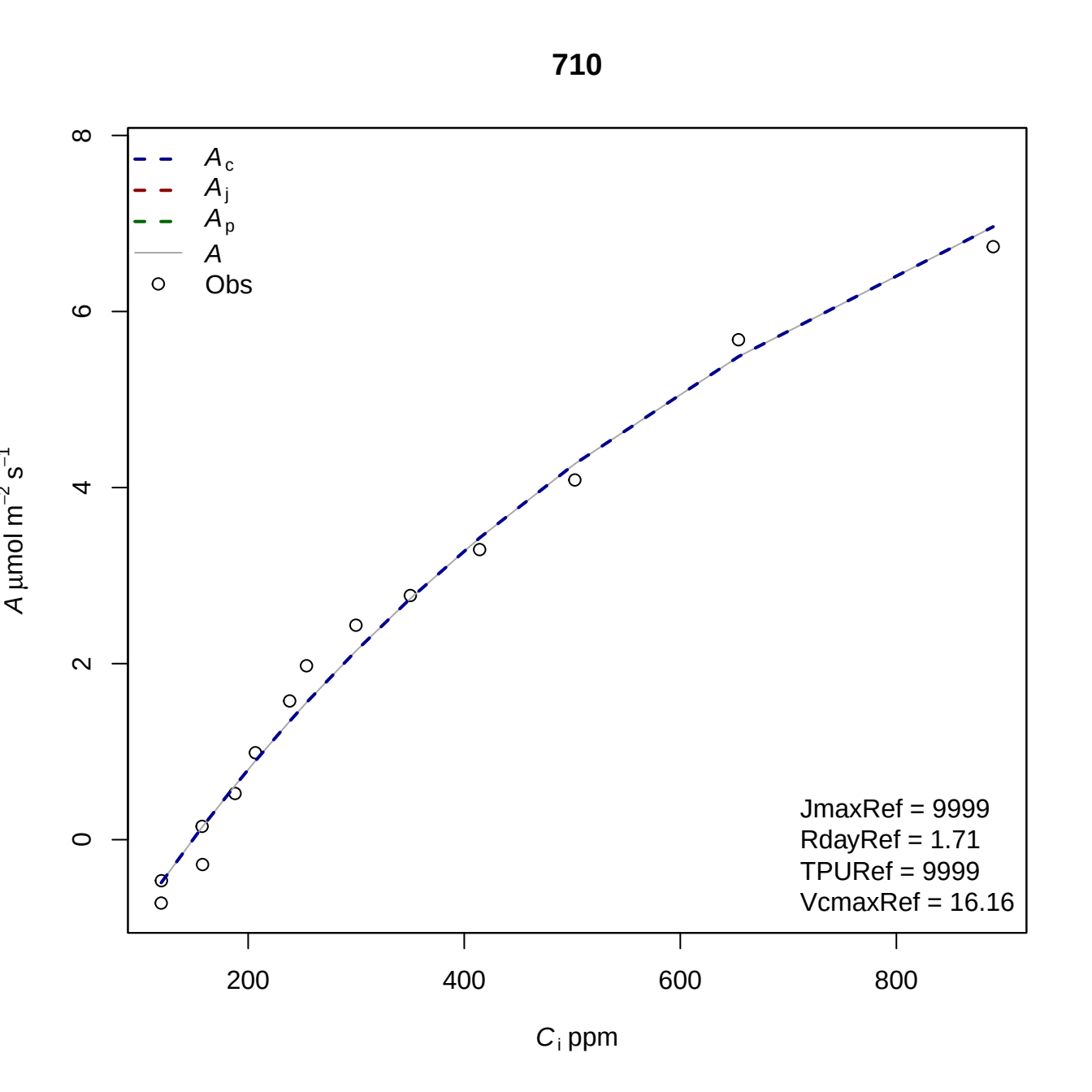

705
A_c
A_j
A_p
A
Obs
JmaxRef = 101.57
RdayRef = −1.07
TPURef = 9999
VcmaxRef = 76.98
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

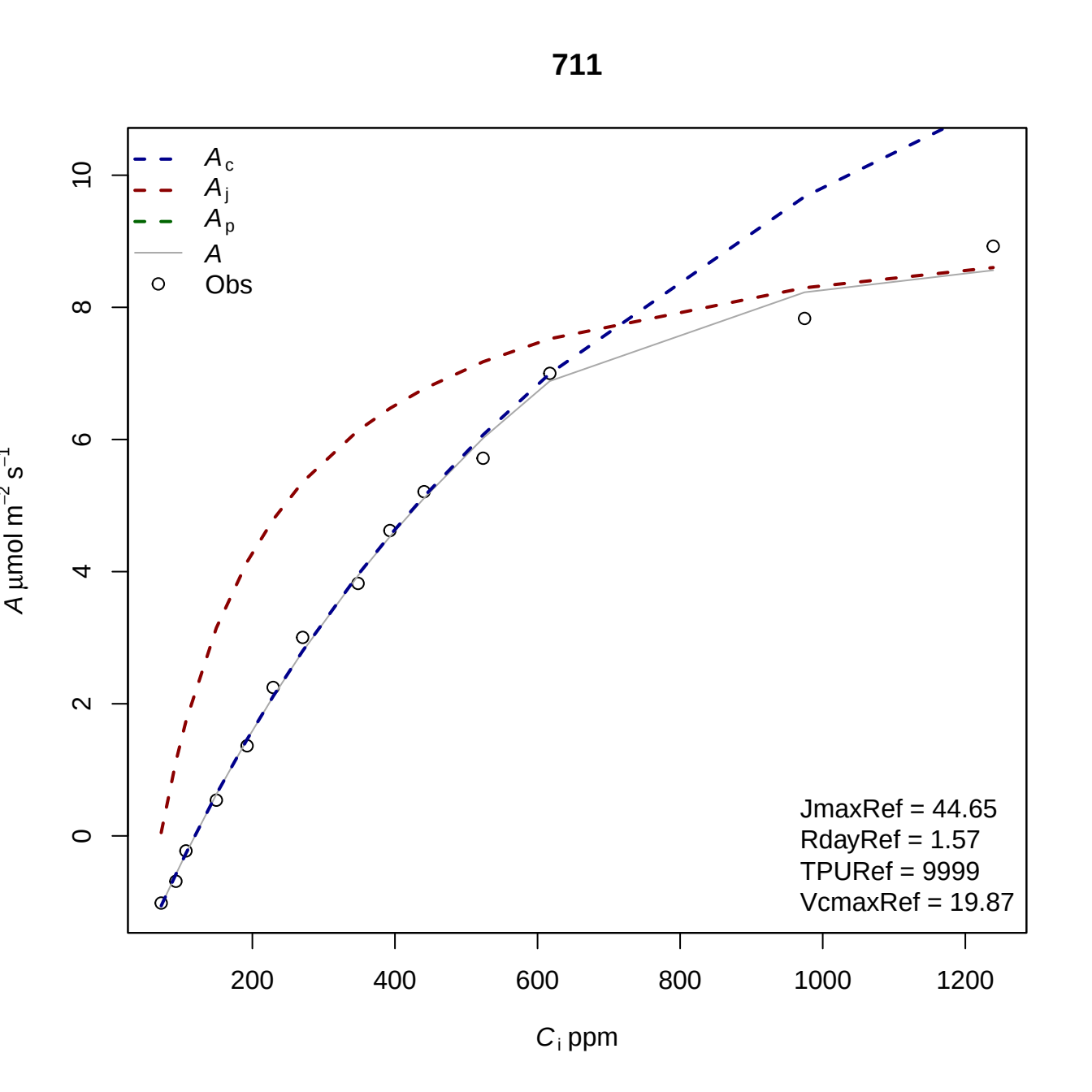

706
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.63
TPURef = 9999
VcmaxRef = 25.75
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

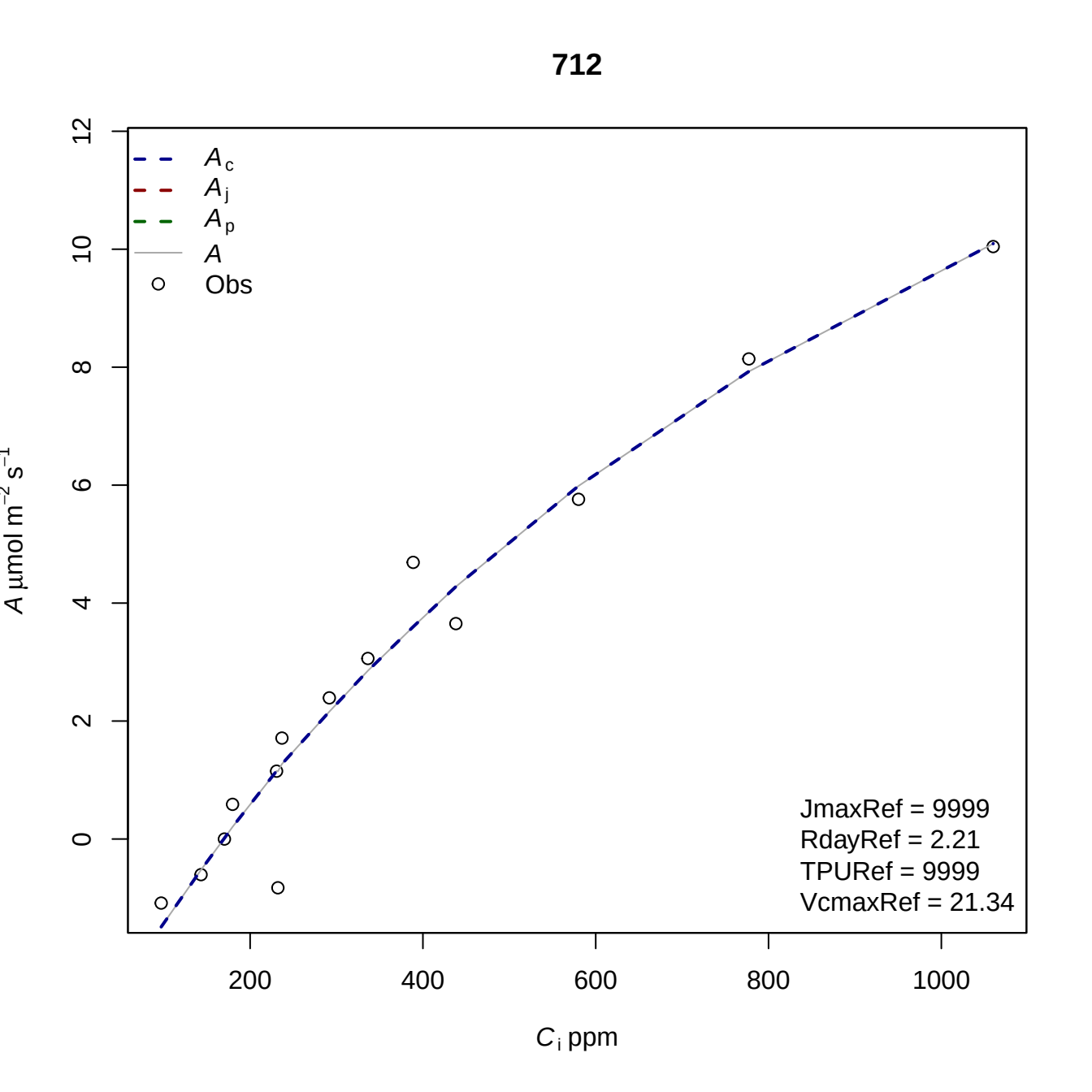

707
A_c
A_j
A_p
A
Obs
JmaxRef = 76.44
RdayRef = 0.34
TPURef = 4.56
VcmaxRef = 43.76
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
100
200
300
400
500
600
700

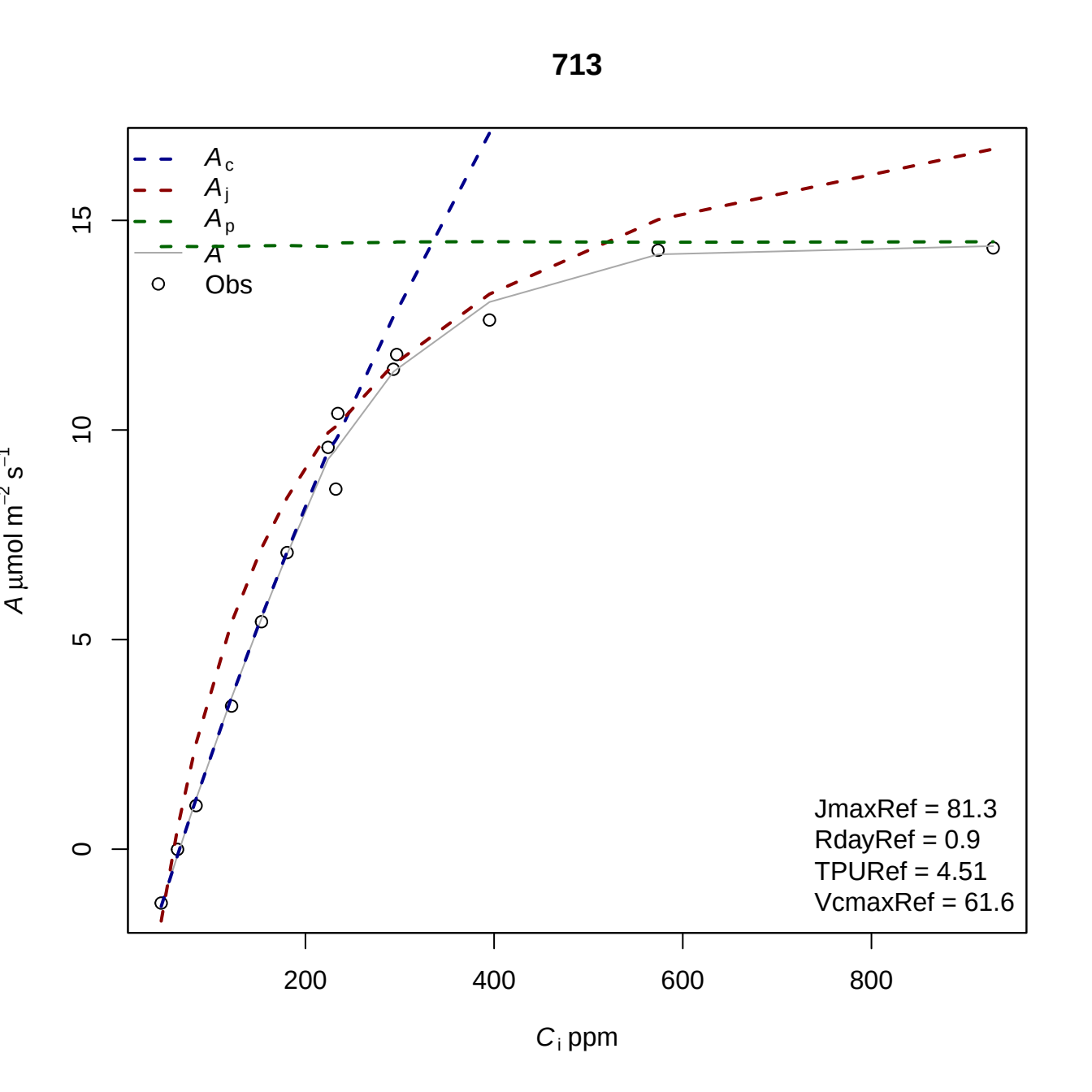

708
A_c
A_j
A_p
A
Obs
JmaxRef = 85.52
RdayRef = 4.89
TPURef = 9999
VcmaxRef = 49.85
A µmol m^{-2} s^{-1}
C_i ppm
−5
0
5
10
15
0
500
1000
1500

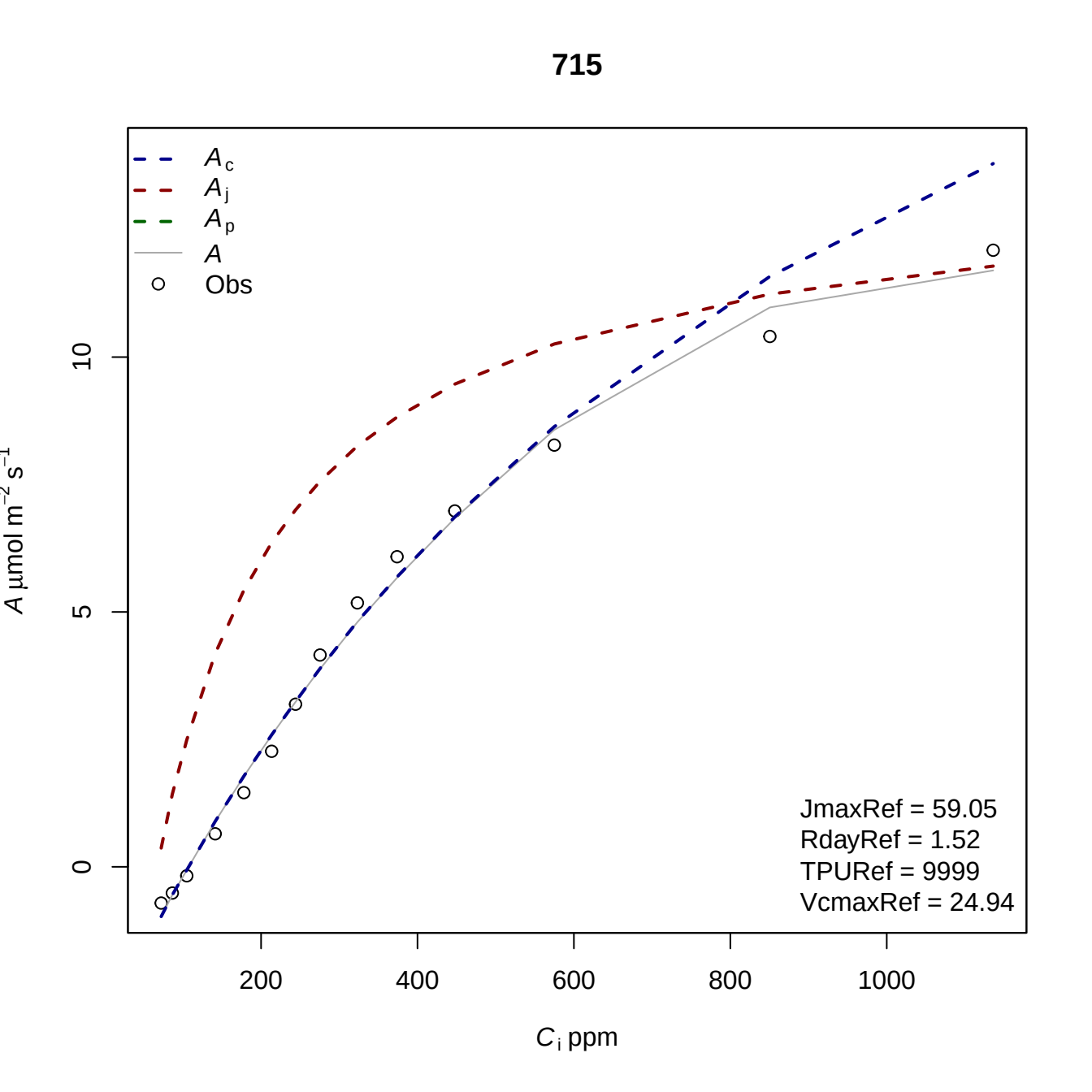

709
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 2.02
TPURef = 2.89
VcmaxRef = 21.89
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
100
200
300
400
500
600
700

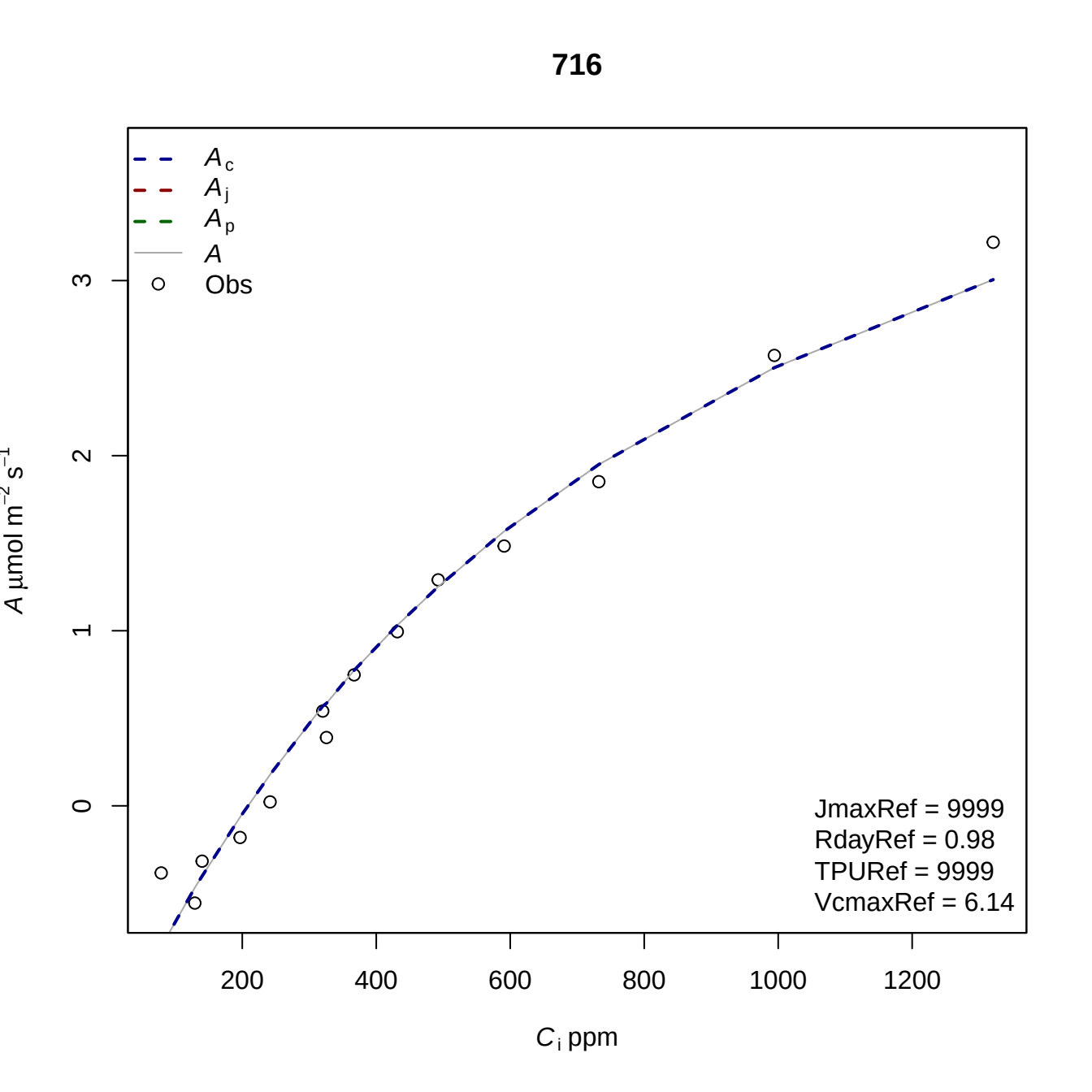

710
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.71
TPURef = 9999
VcmaxRef = 16.16
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
200
400
600
800

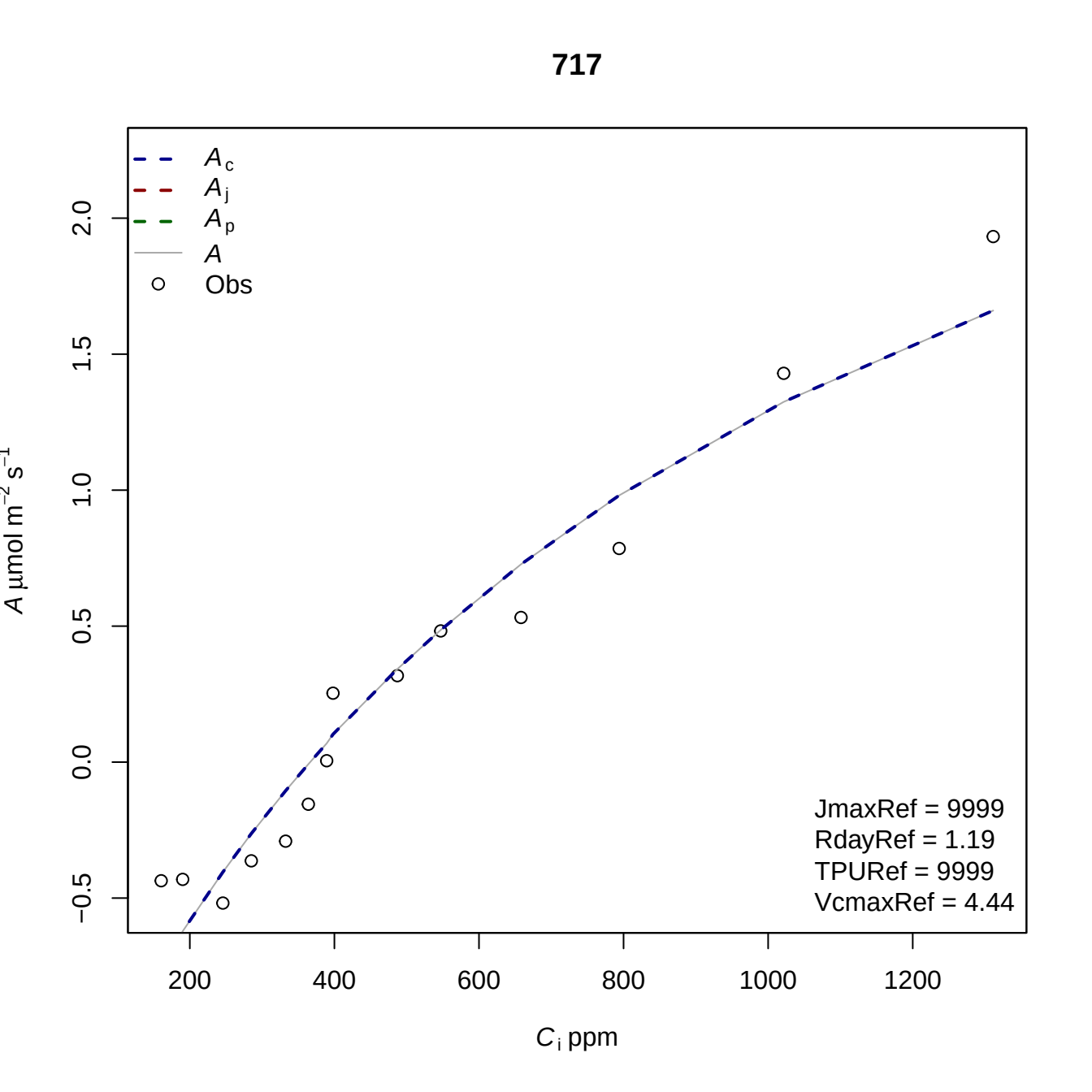

711
A_c
A_j
A_p
A
Obs
JmaxRef = 44.65
RdayRef = 1.57
TPURef = 9999
VcmaxRef = 19.87
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000
1200

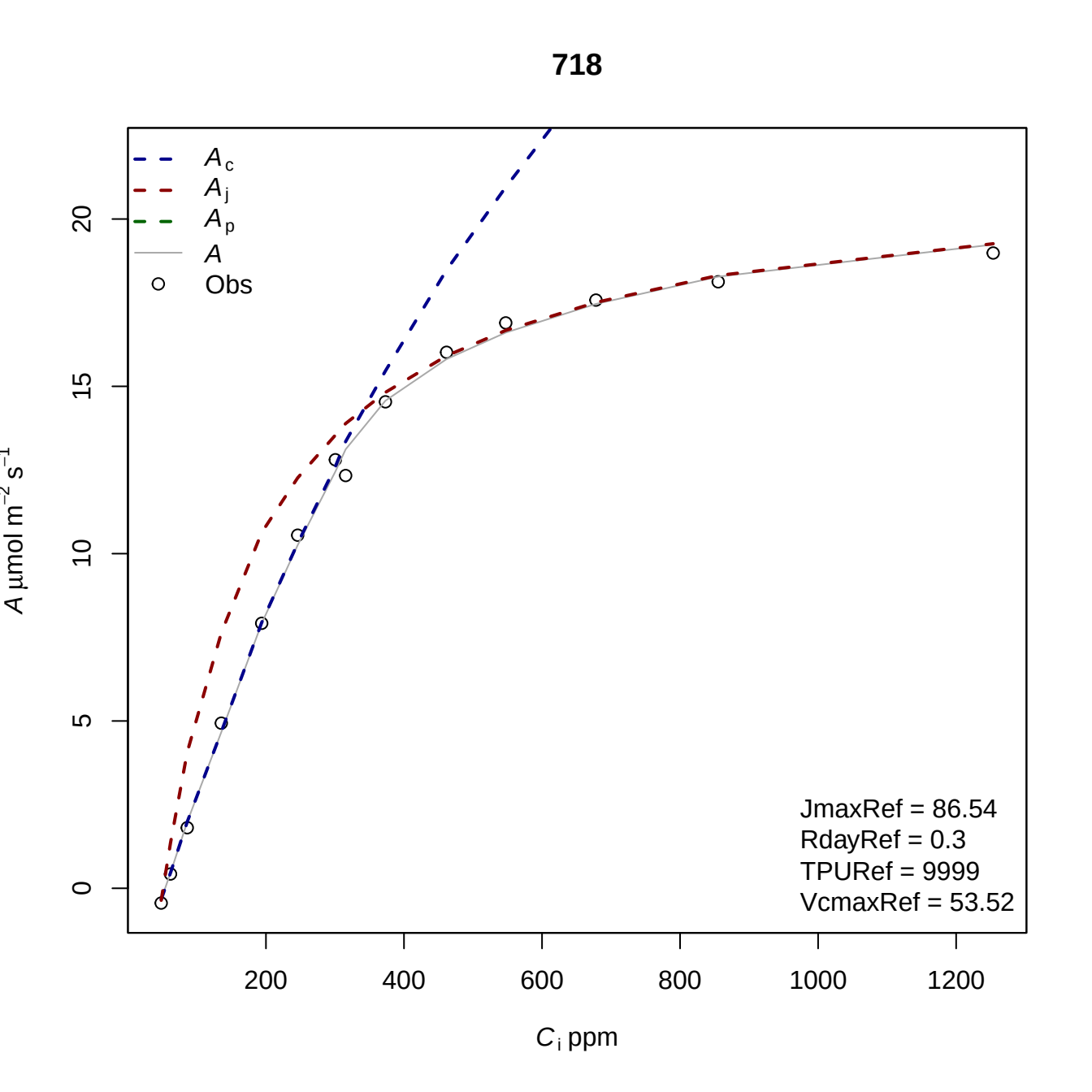

712
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 2.21
TPURef = 9999
VcmaxRef = 21.34
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000

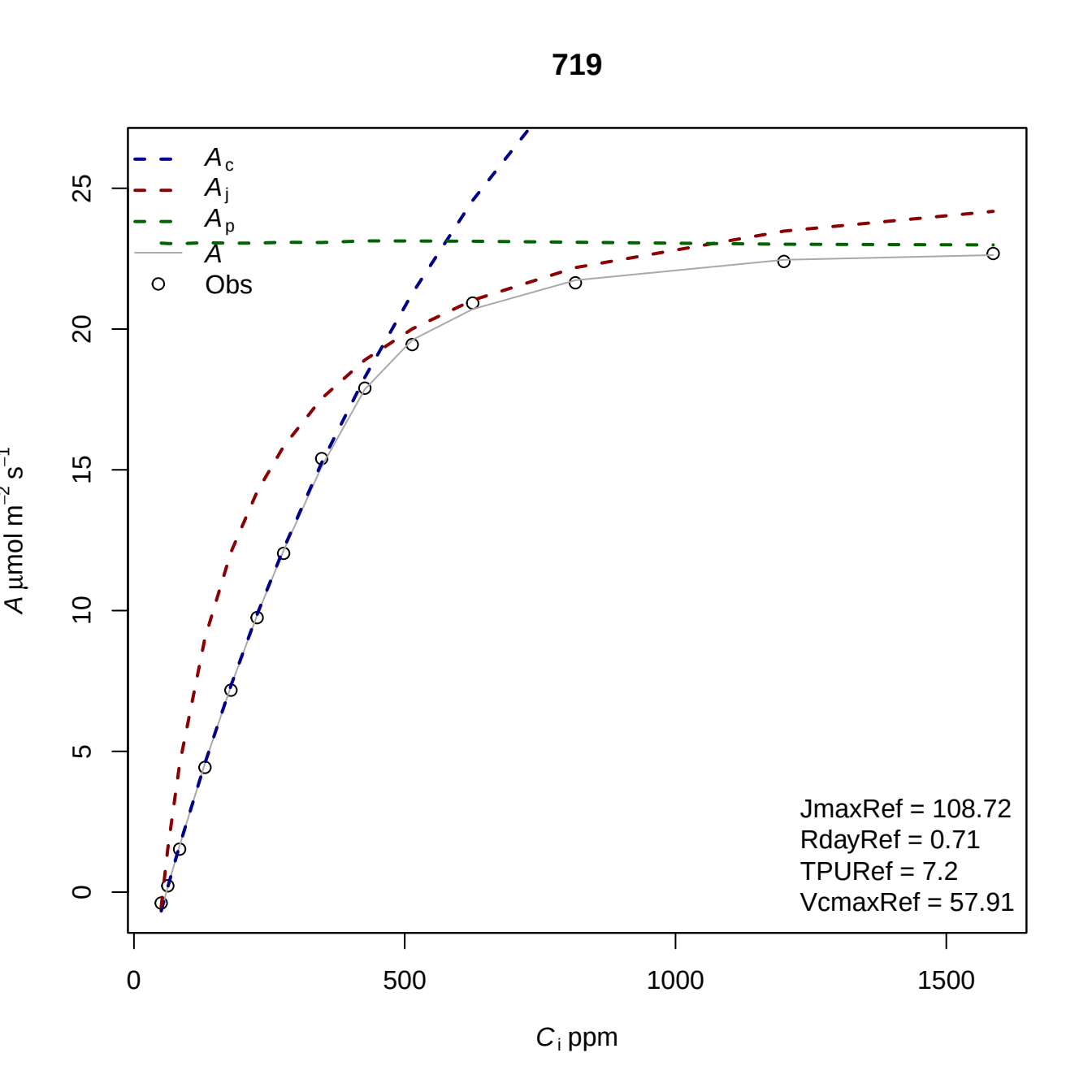

713
A_c
A_j
A_p
A
Obs
JmaxRef = 81.3
RdayRef = 0.9
TPURef = 4.51
VcmaxRef = 61.6
0
5
10
15
200
400
600
800
A µmol m^{-2} s^{-1}
C_i ppm

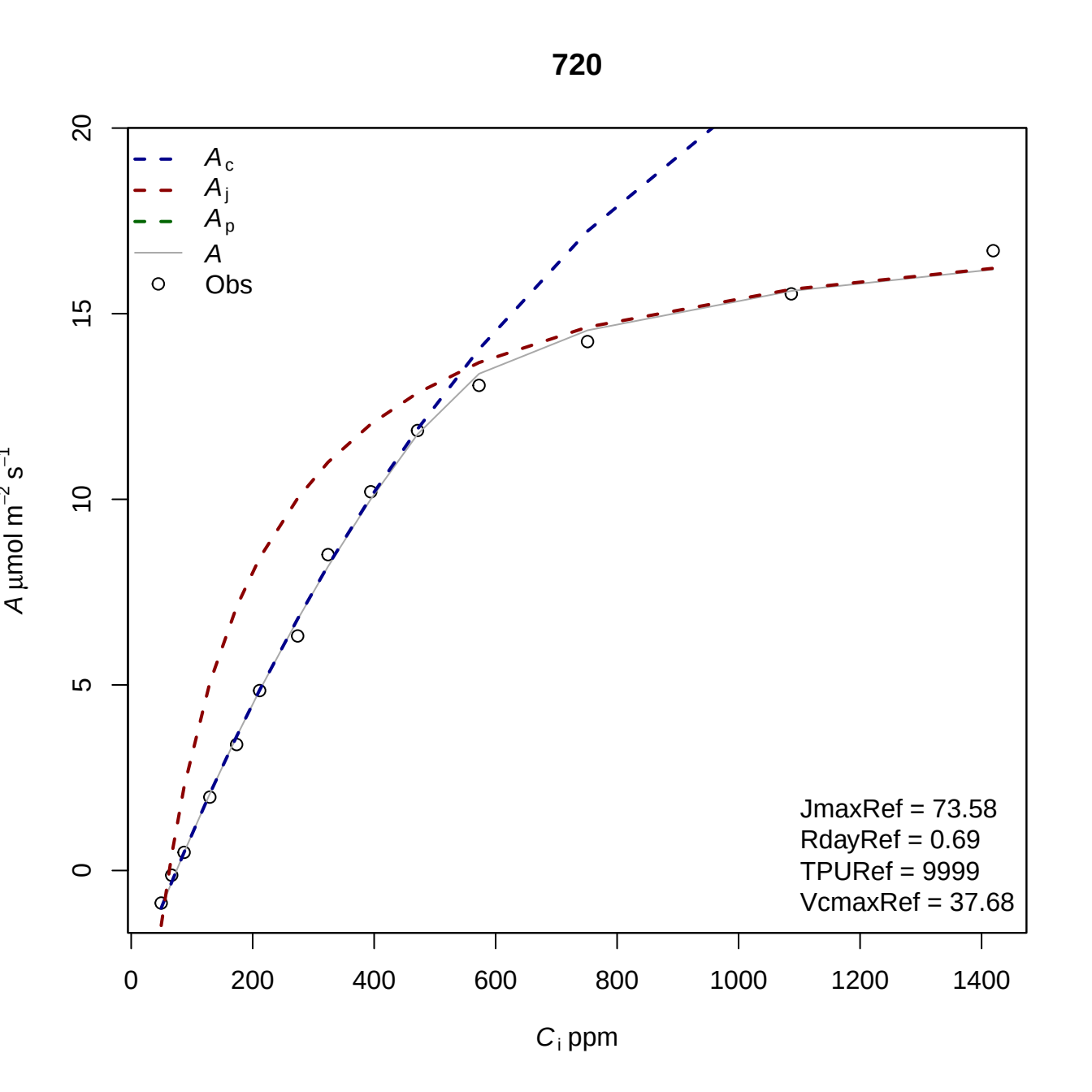

715
A_c
A_j
A_p
A
Obs
JmaxRef = 59.05
RdayRef = 1.52
TPURef = 9999
VcmaxRef = 24.94
0
5
10
200
400
600
800
1000
A µmol m^{-2} s^{-1}
C_i ppm

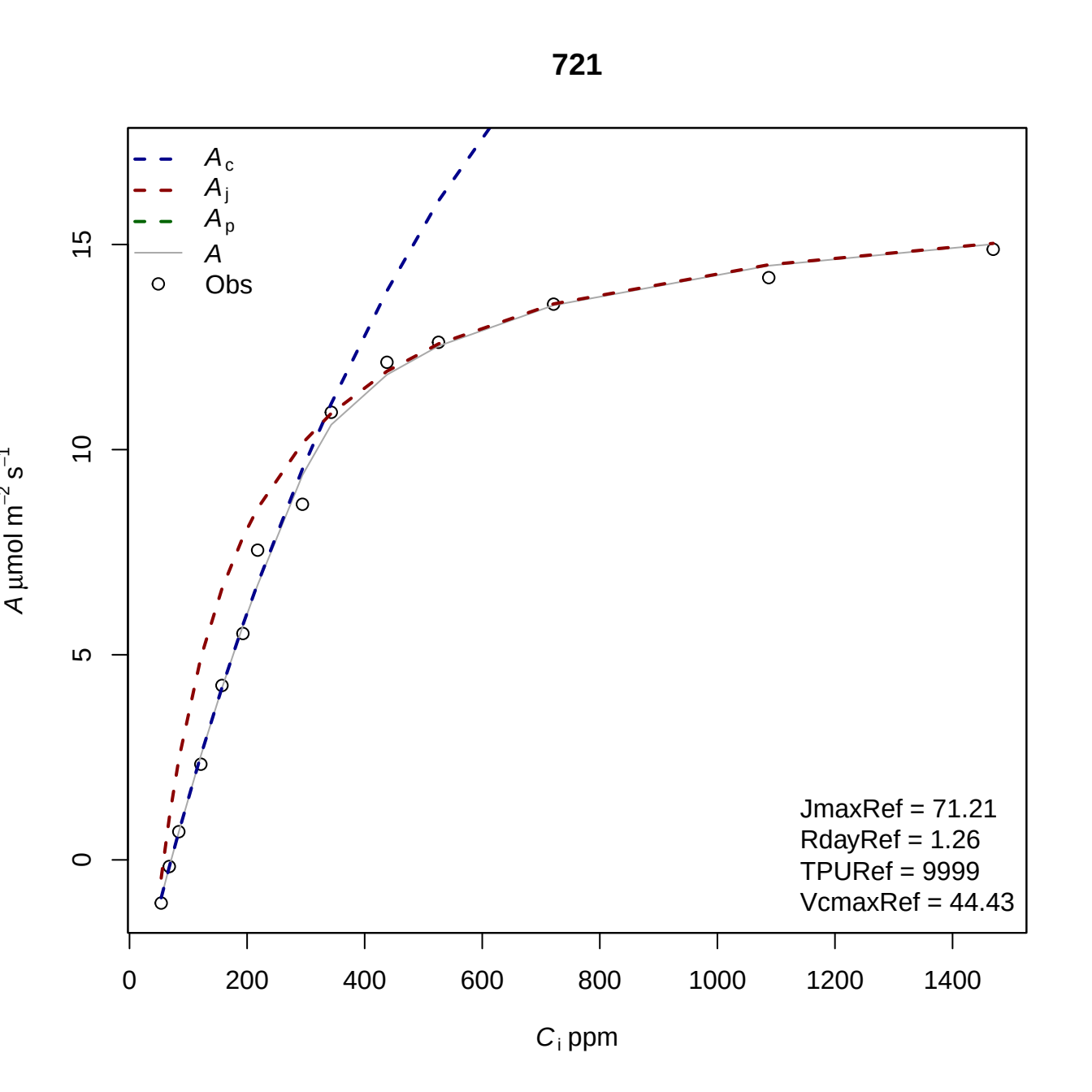

716
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.98
TPURef = 9999
VcmaxRef = 6.14
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
200
400
600
800
1000
1200

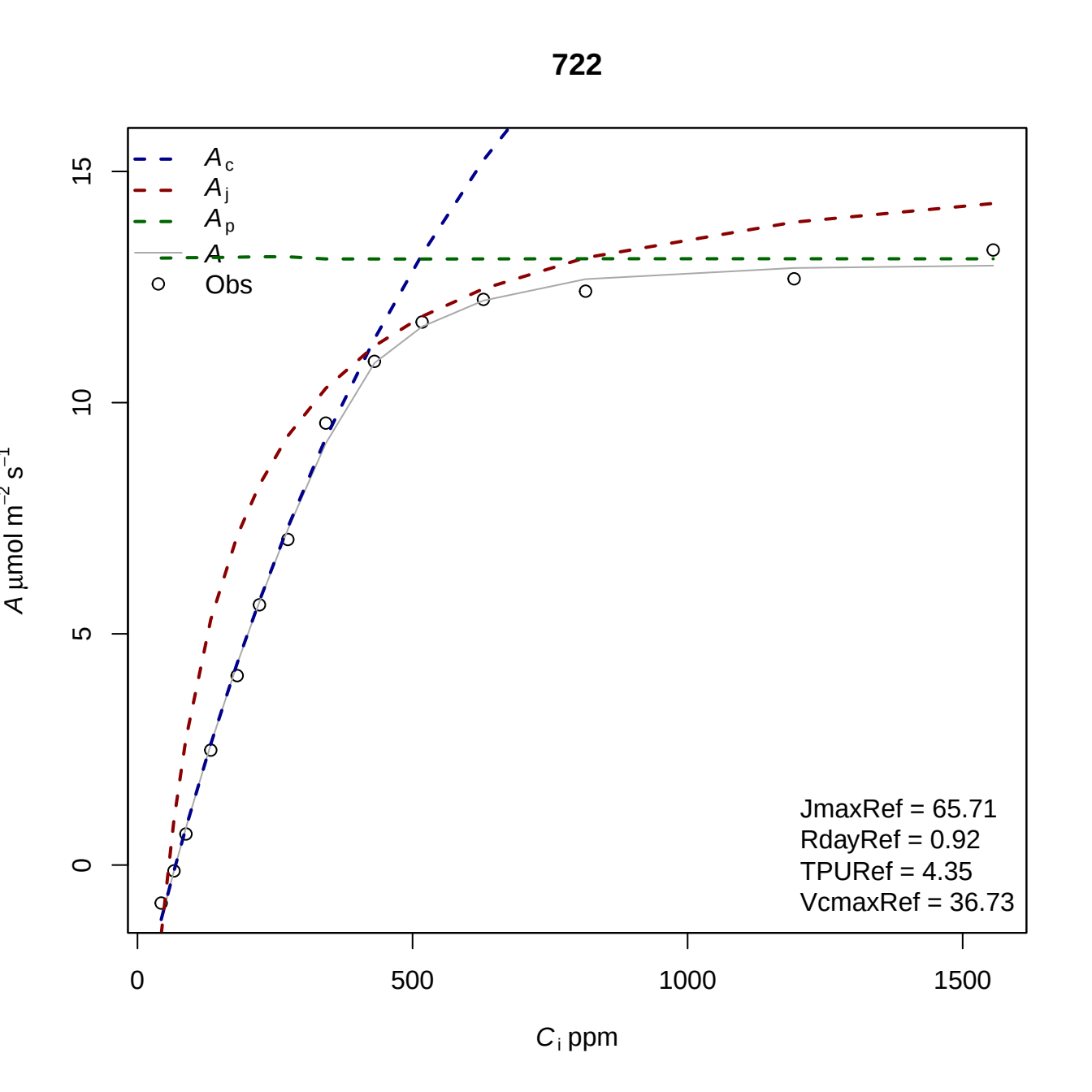

717
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.19
TPURef = 9999
VcmaxRef = 4.44
A µmol m^{-2} s^{-1}
−0.5
0.0
0.5
1.0
1.5
2.0
200
400
600
800
1000
1200
C_i ppm

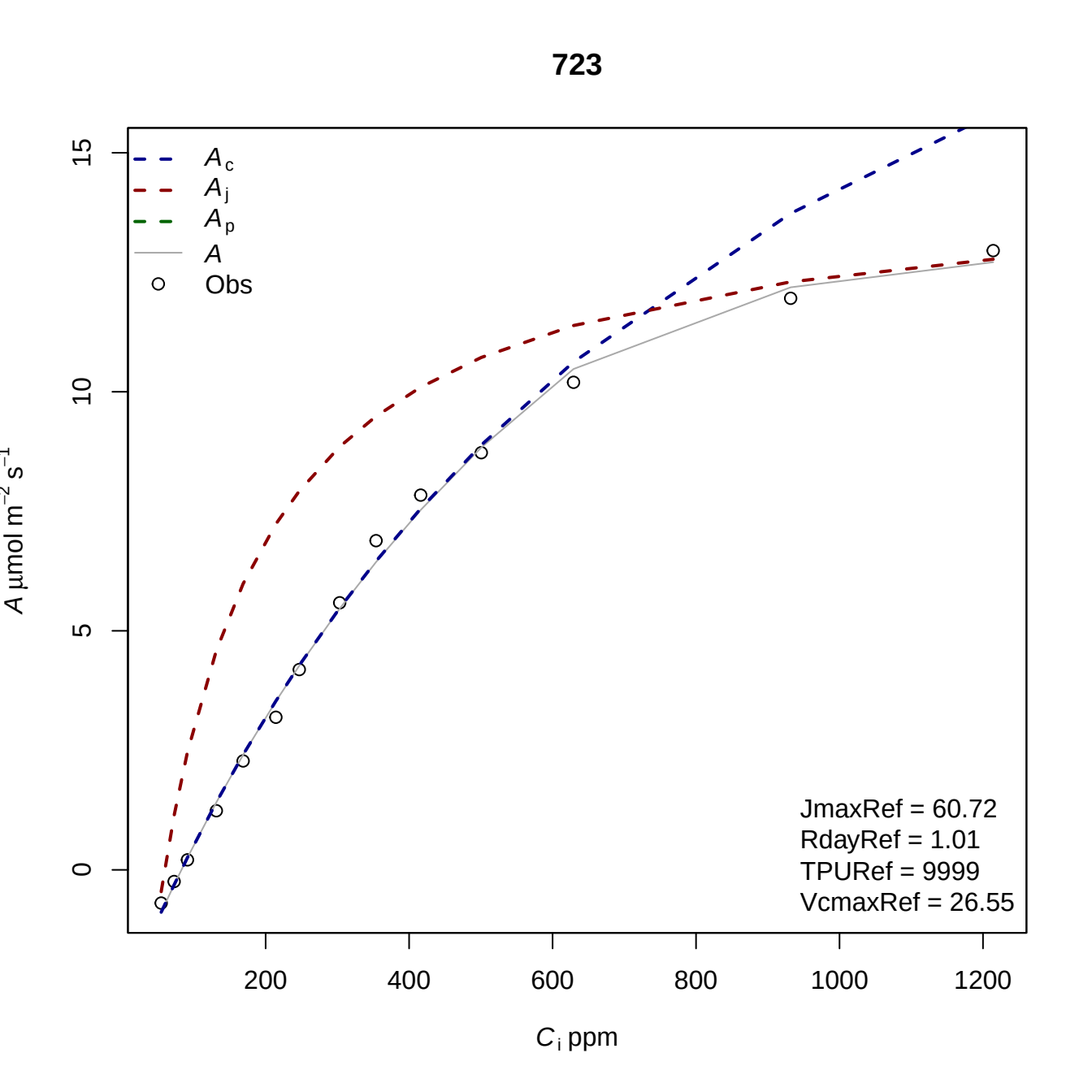

718
A_c
A_j
A_p
A
Obs
JmaxRef = 86.54
RdayRef = 0.3
TPURef = 9999
VcmaxRef = 53.52
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

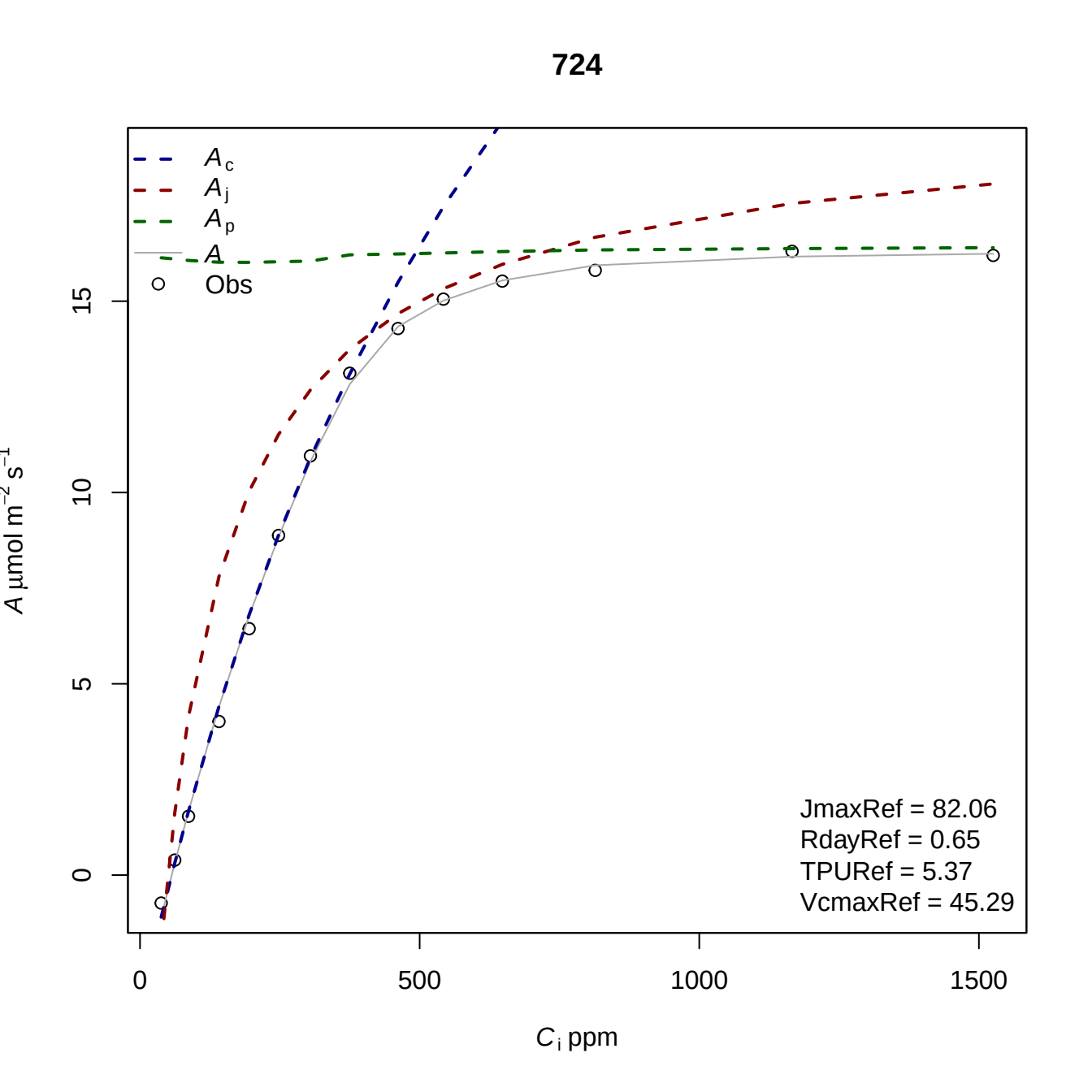

719
A_c
A_j
A_p
A
Obs
JmaxRef = 108.72
RdayRef = 0.71
TPURef = 7.2
VcmaxRef = 57.91
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

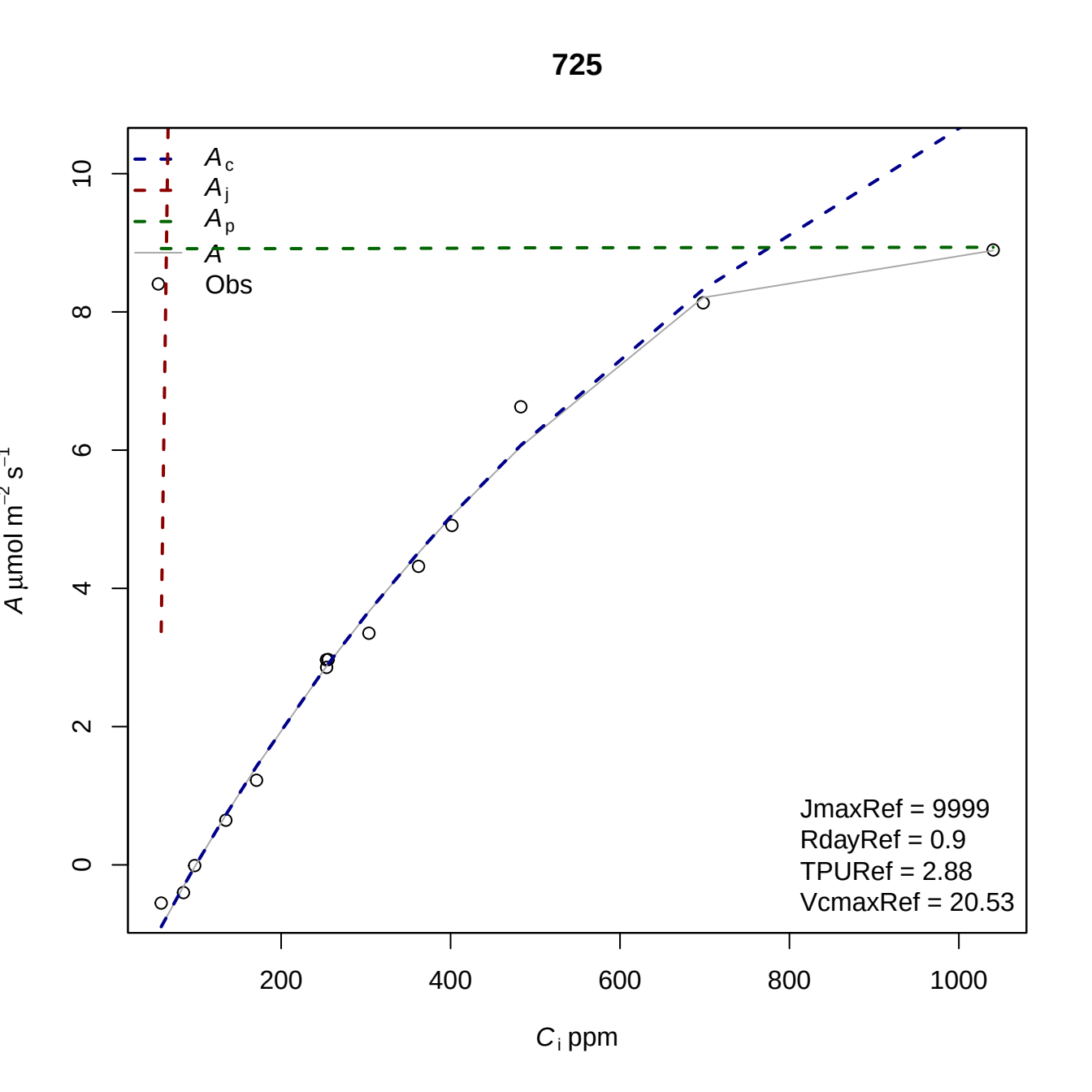

720
A_c
A_j
A_p
A
Obs
JmaxRef = 73.58
RdayRef = 0.69
TPURef = 9999
VcmaxRef = 37.68
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

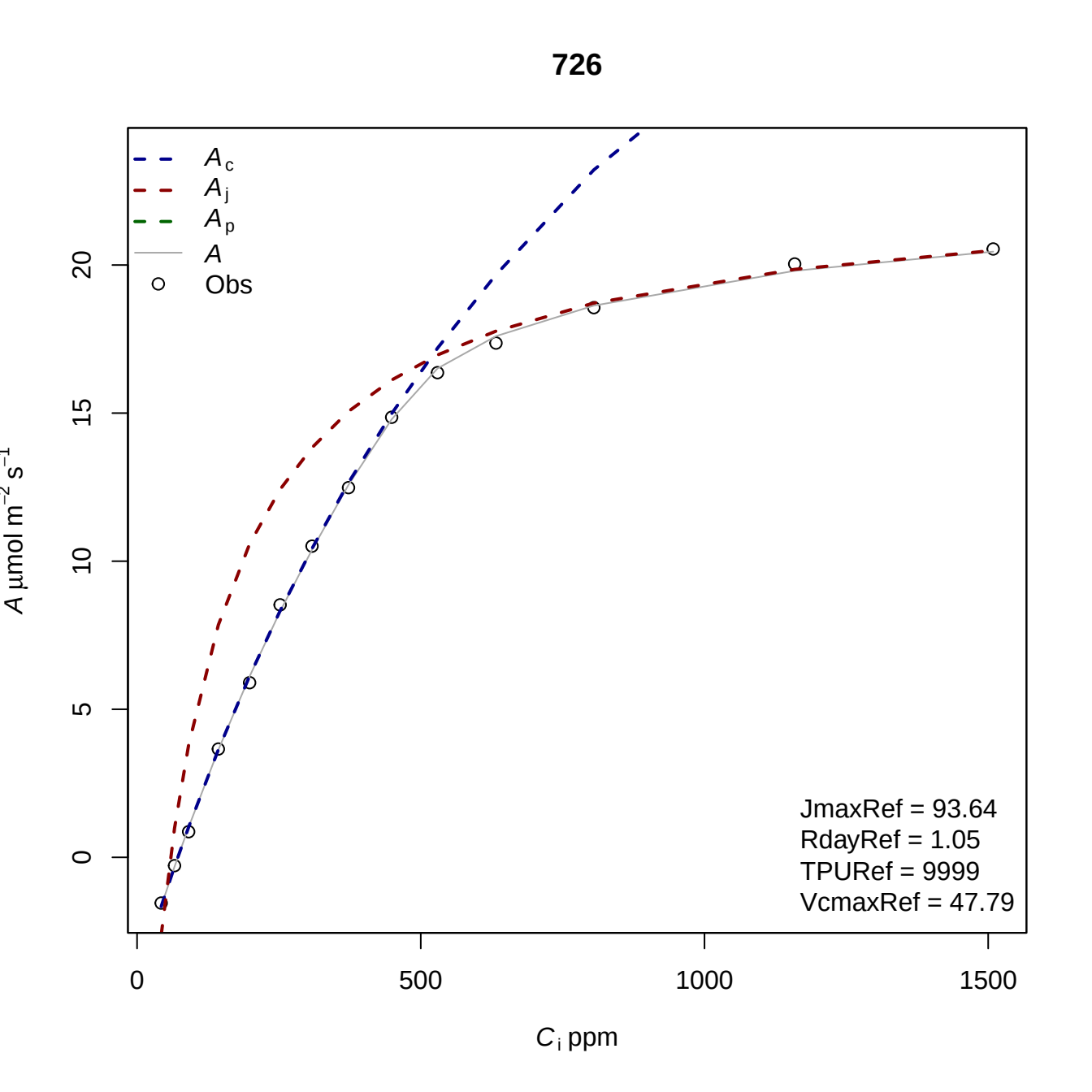

721
A_c
A_j
A_p
A
Obs
JmaxRef = 71.21
RdayRef = 1.26
TPURef = 9999
VcmaxRef = 44.43
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

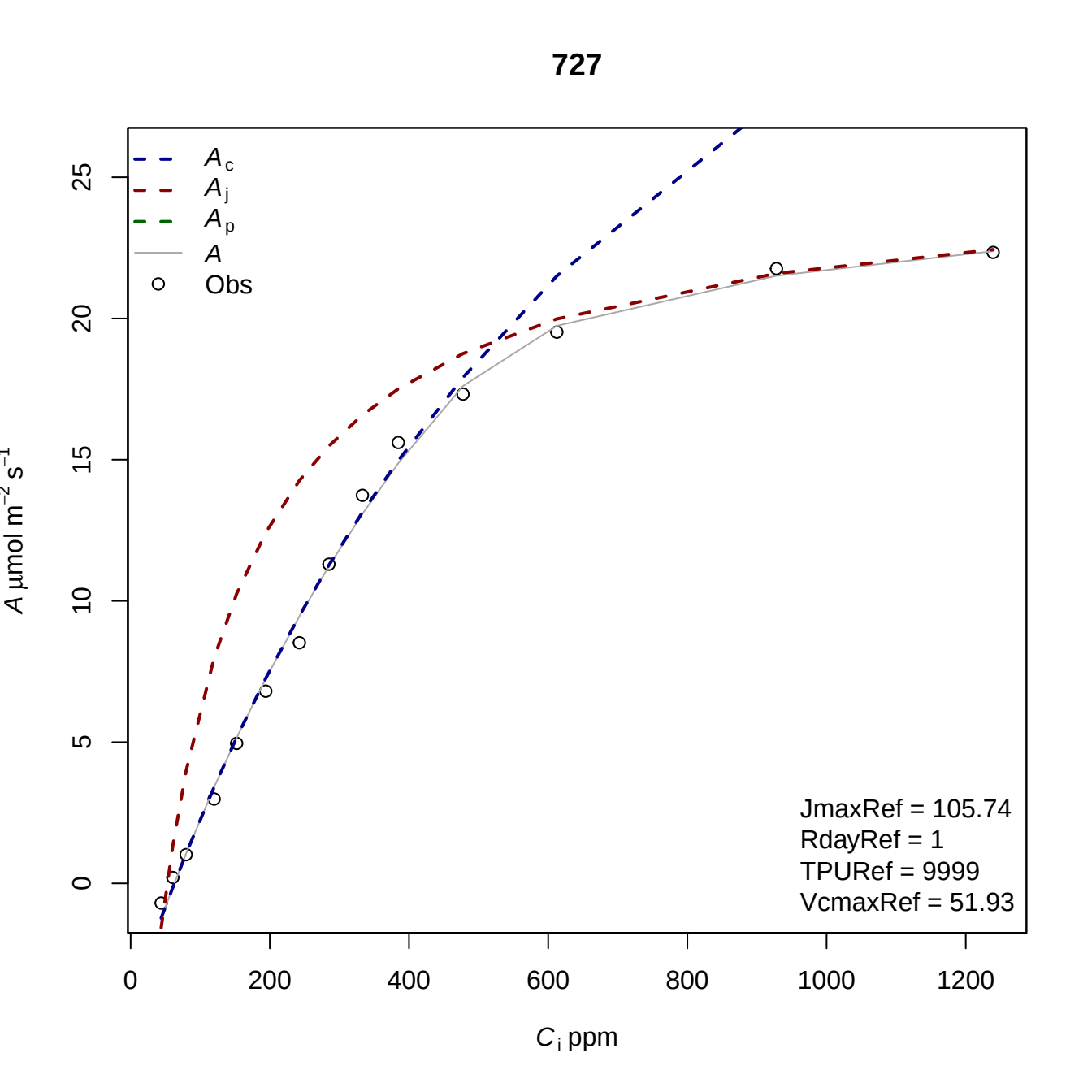

722
A_c
A_j
A_p
A
Obs
JmaxRef = 65.71
RdayRef = 0.92
TPURef = 4.35
VcmaxRef = 36.73
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

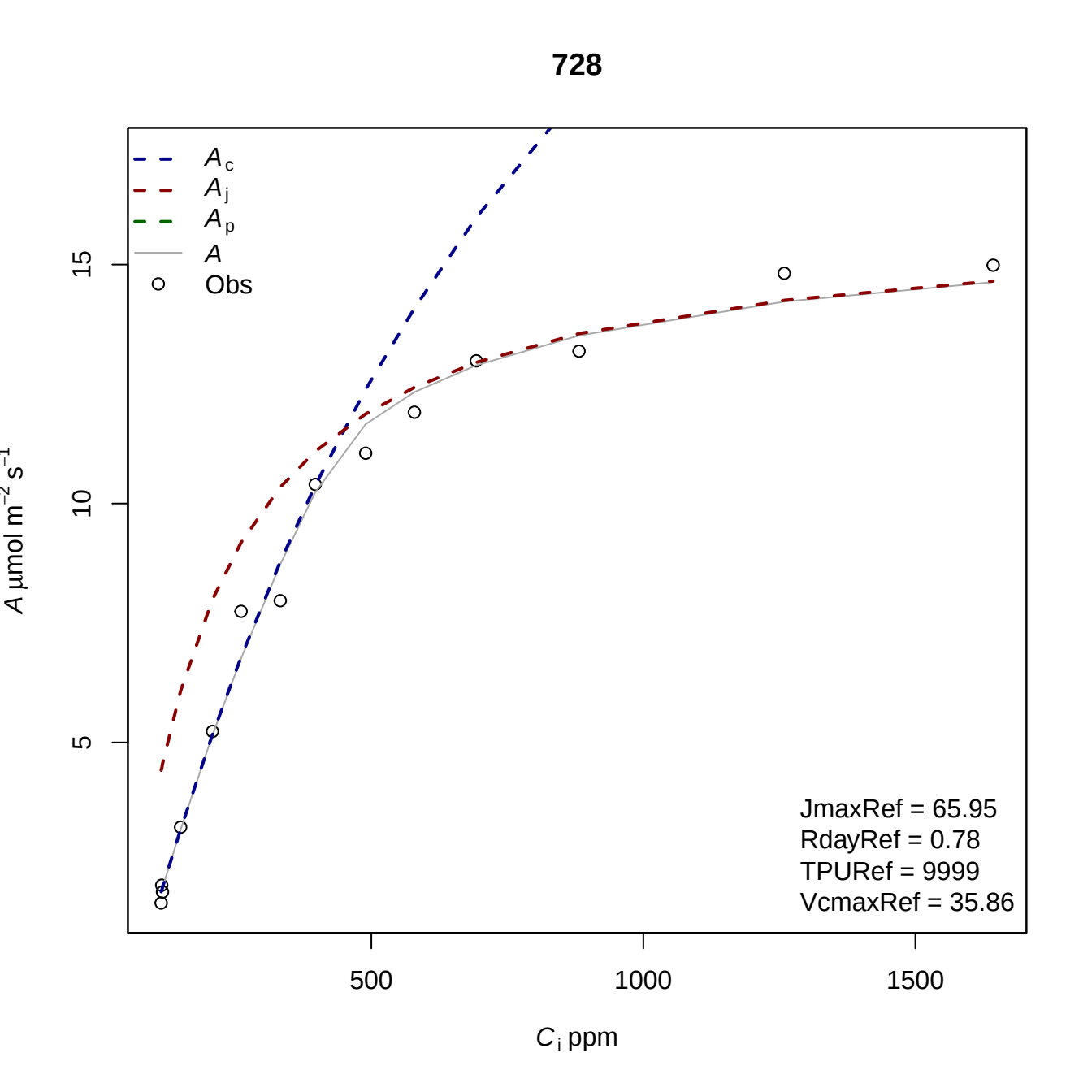

723
A_c
A_j
A_p
A
Obs
JmaxRef = 60.72
RdayRef = 1.01
TPURef = 9999
VcmaxRef = 26.55
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

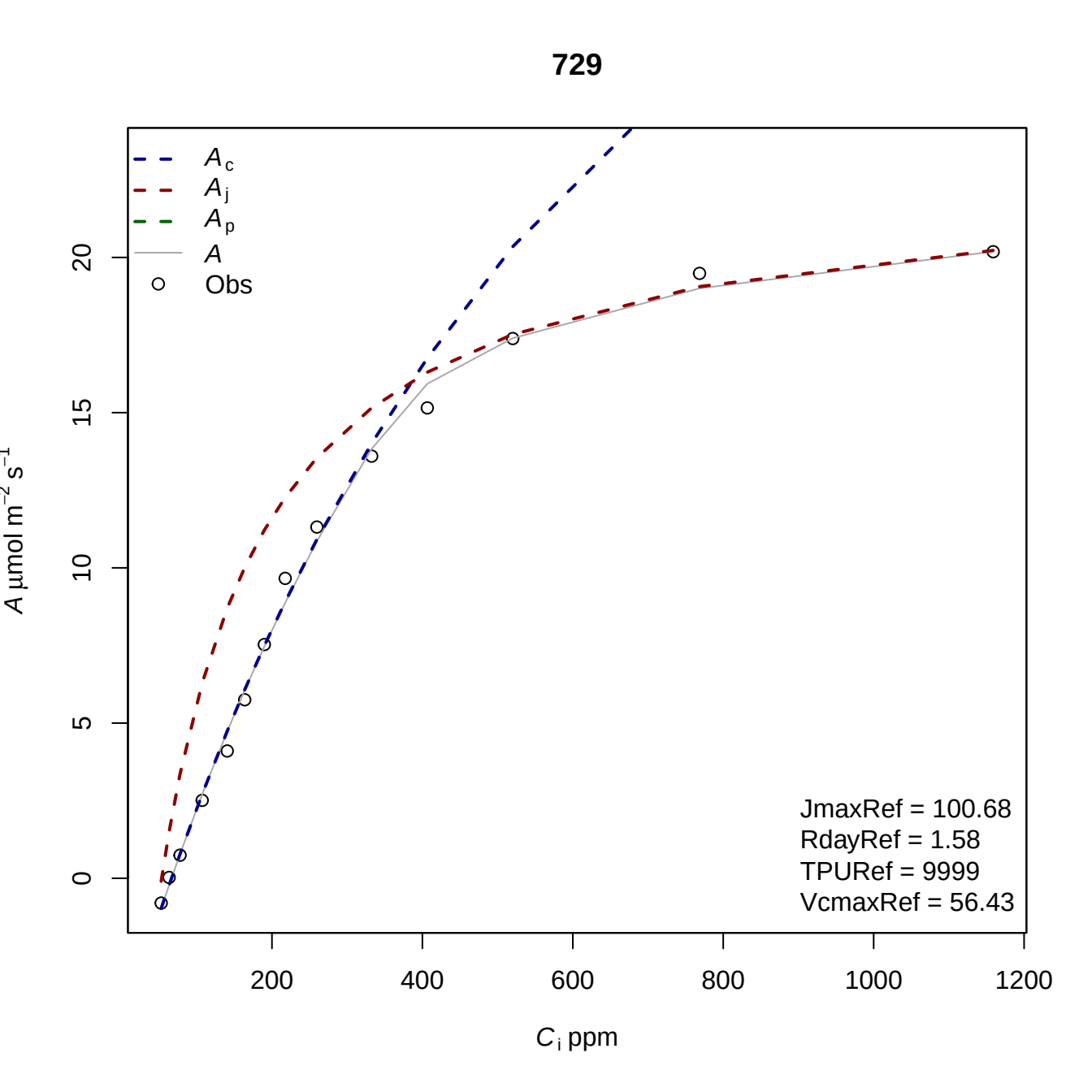

724
A_c
A_j
A_p
A
Obs
JmaxRef = 82.06
RdayRef = 0.65
TPURef = 5.37
VcmaxRef = 45.29
A µmol m^{-2} s^{-1}
0
5
10
15
0
500
1000
1500
C_i ppm

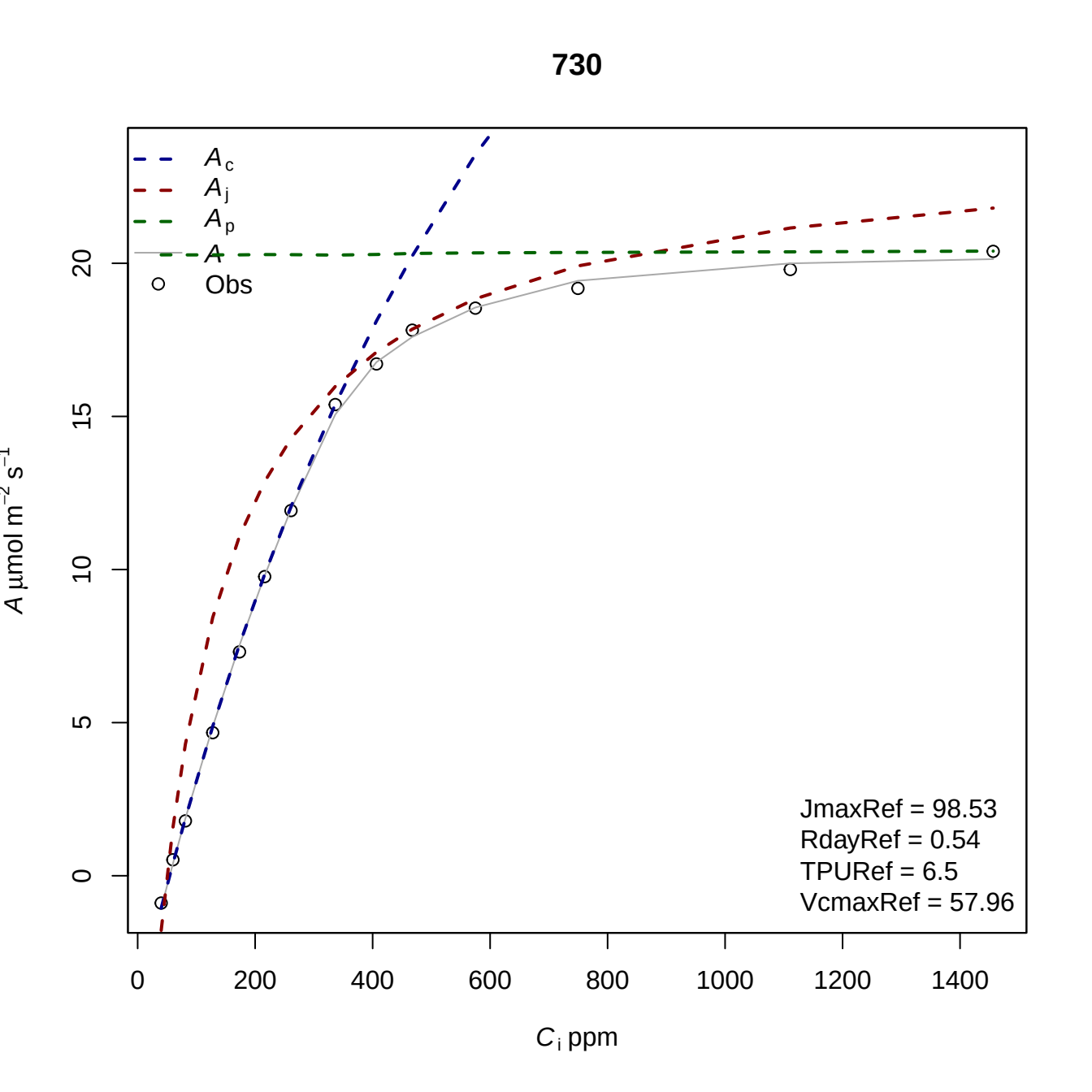

725
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.9
TPURef = 2.88
VcmaxRef = 20.53
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000

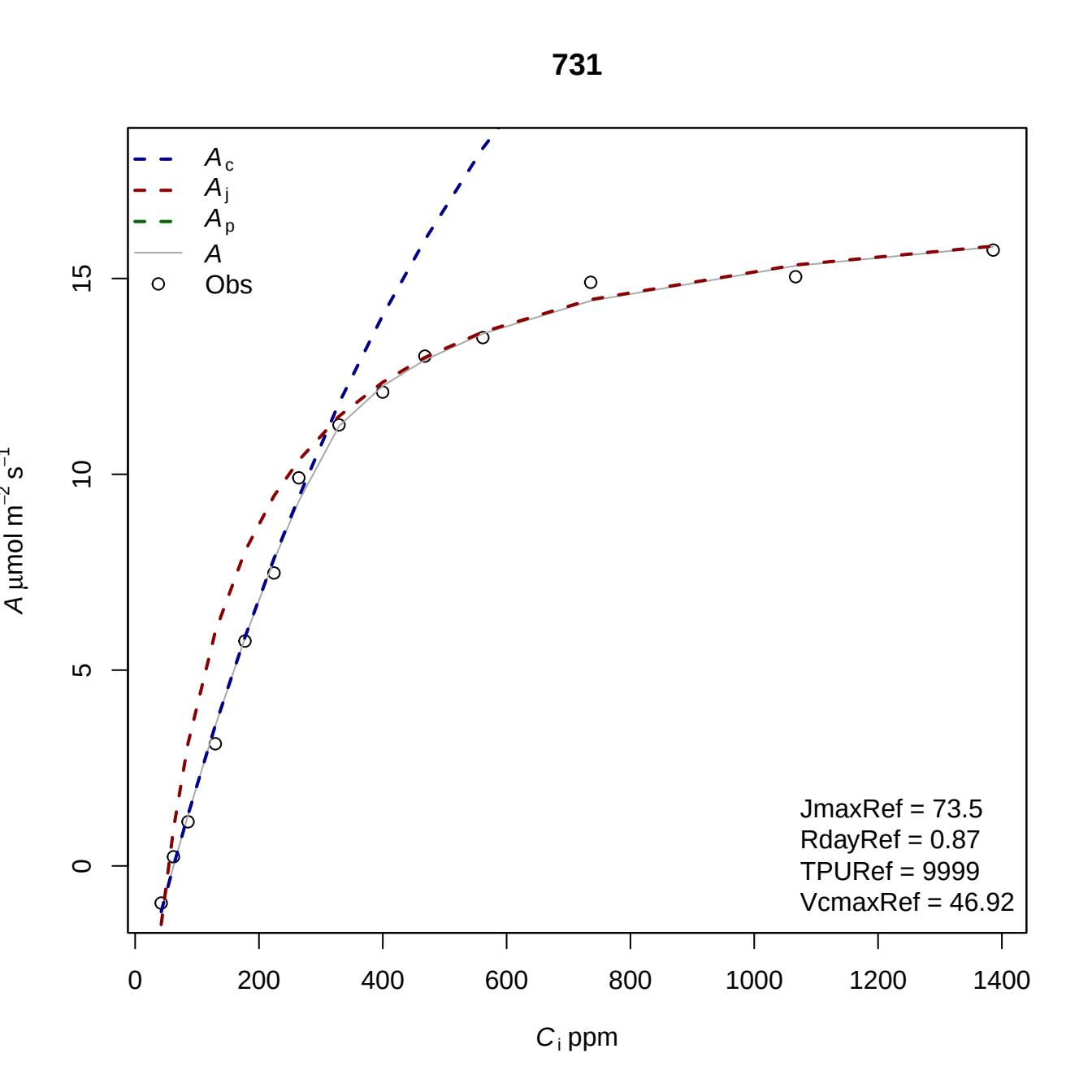

726
A_c
A_j
A_p
A
Obs
JmaxRef = 93.64
RdayRef = 1.05
TPURef = 9999
VcmaxRef = 47.79
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

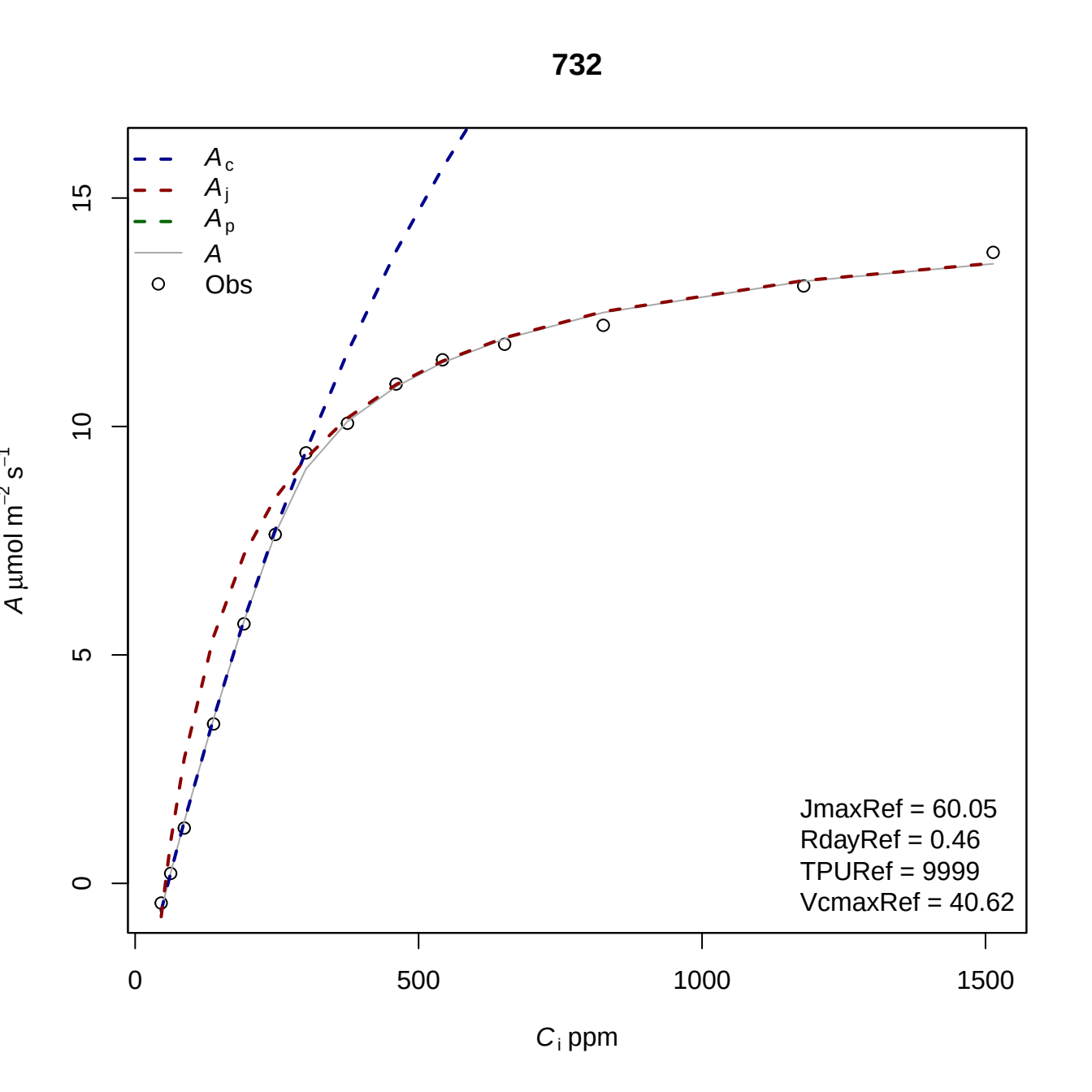

727
A_c
A_j
A_p
A
Obs
JmaxRef = 105.74
RdayRef = 1
TPURef = 9999
VcmaxRef = 51.93
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

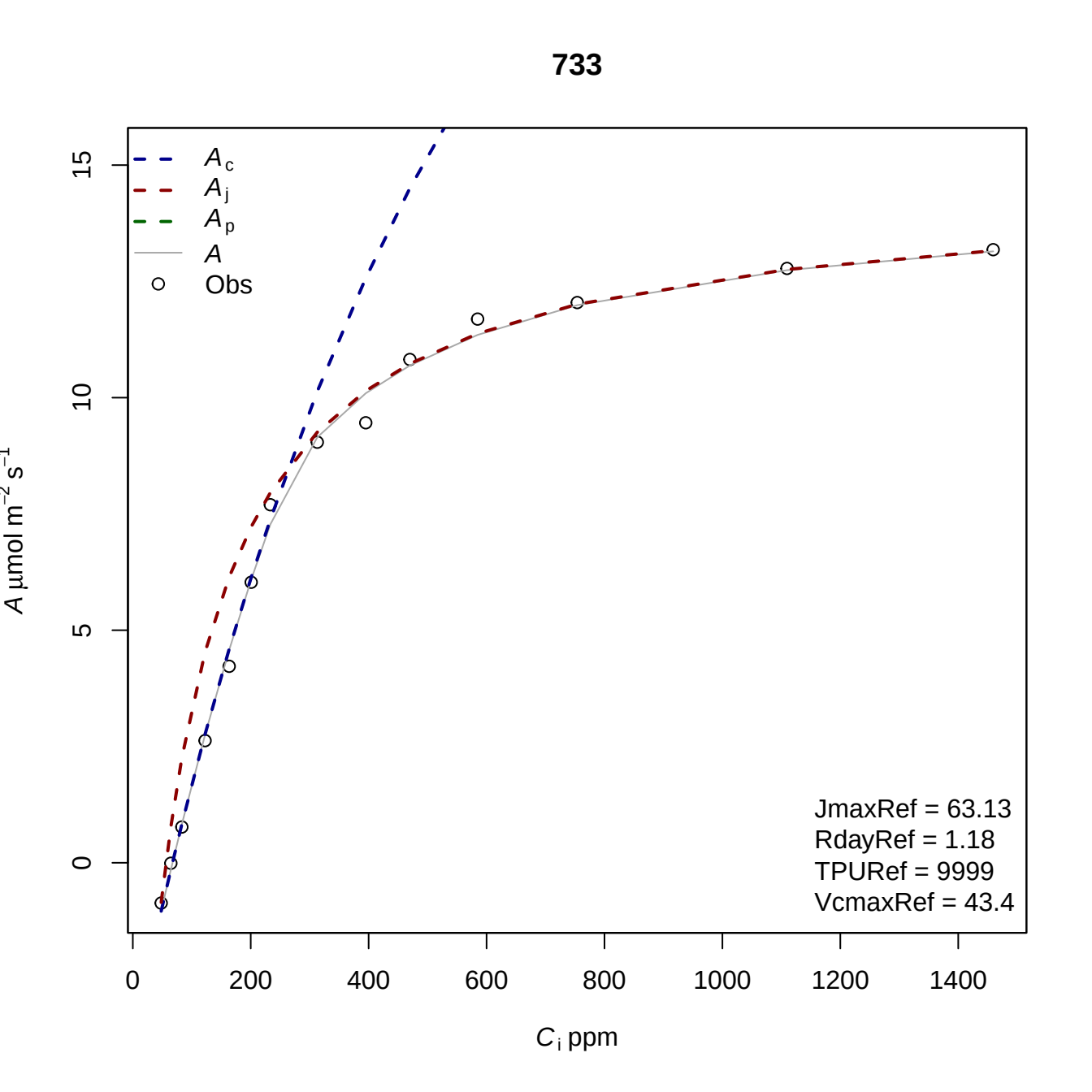

728
A_c
A_j
A_p
A
Obs
JmaxRef = 65.95
RdayRef = 0.78
TPURef = 9999
VcmaxRef = 35.86
5
10
15
500
1000
1500
A µmol m^{-2} s^{-1}
C_i ppm

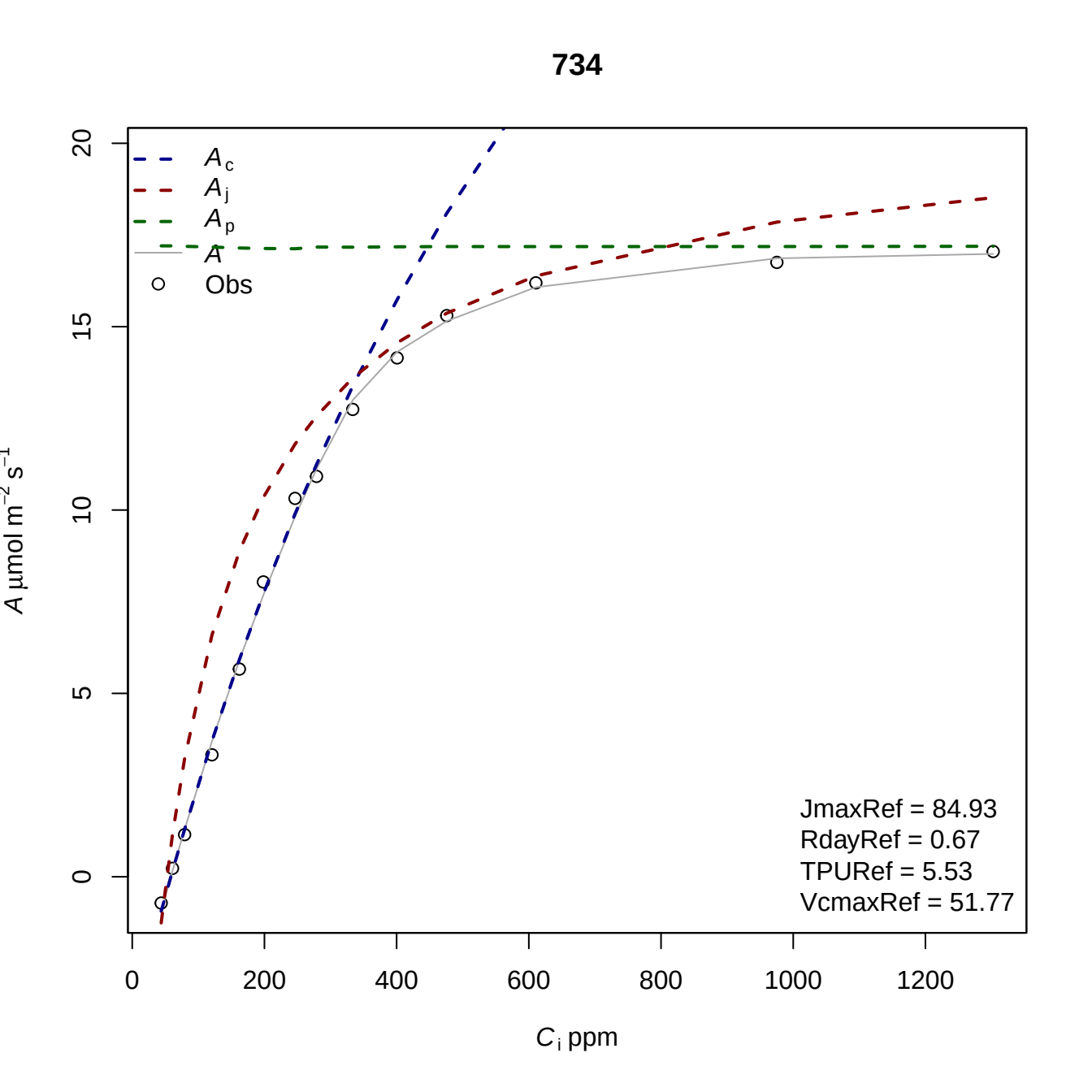

729
A_c
A_j
A_p
A
Obs
JmaxRef = 100.68
RdayRef = 1.58
TPURef = 9999
VcmaxRef = 56.43
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

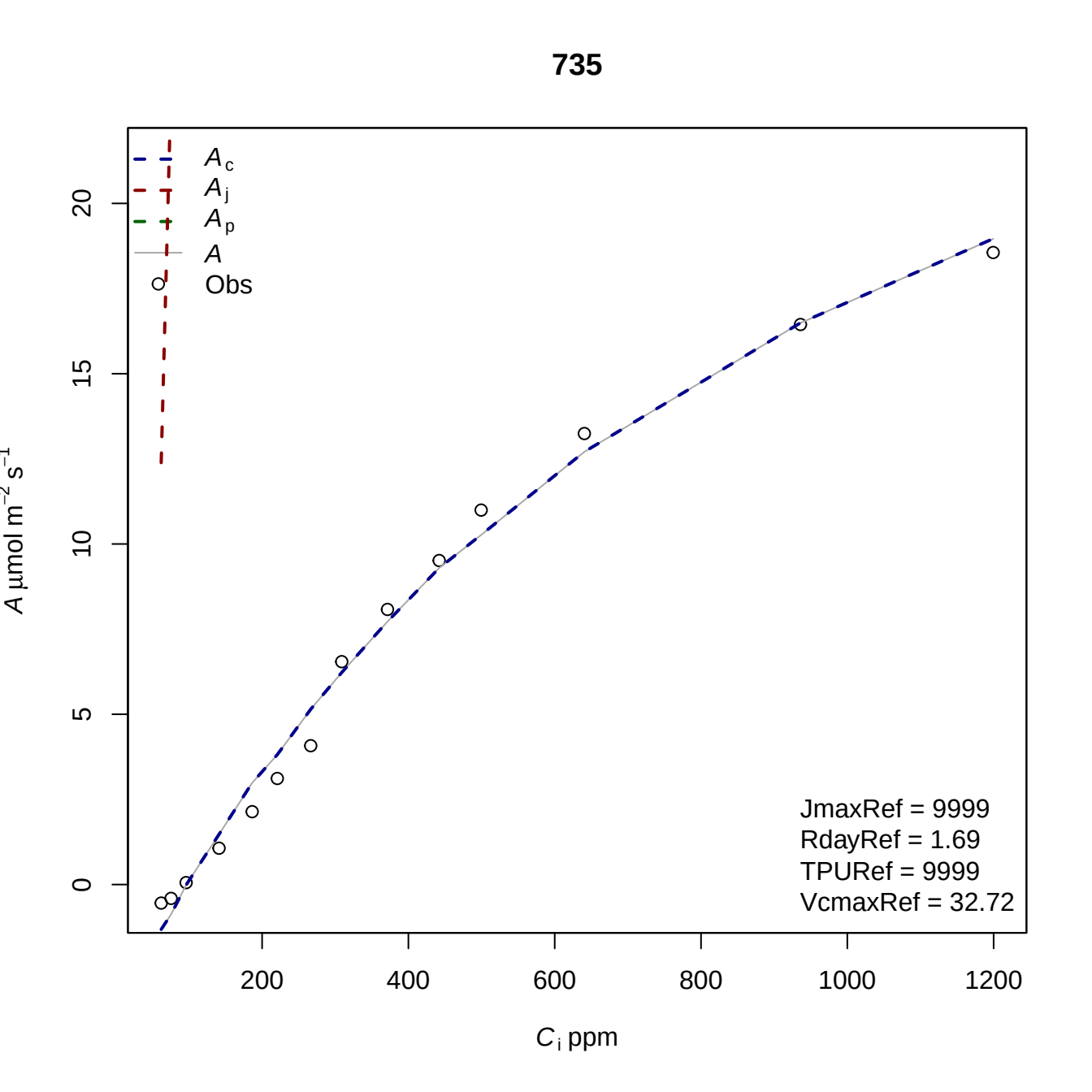

730
A_c
A_j
A_p
A
Obs
JmaxRef = 98.53
RdayRef = 0.54
TPURef = 6.5
VcmaxRef = 57.96
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

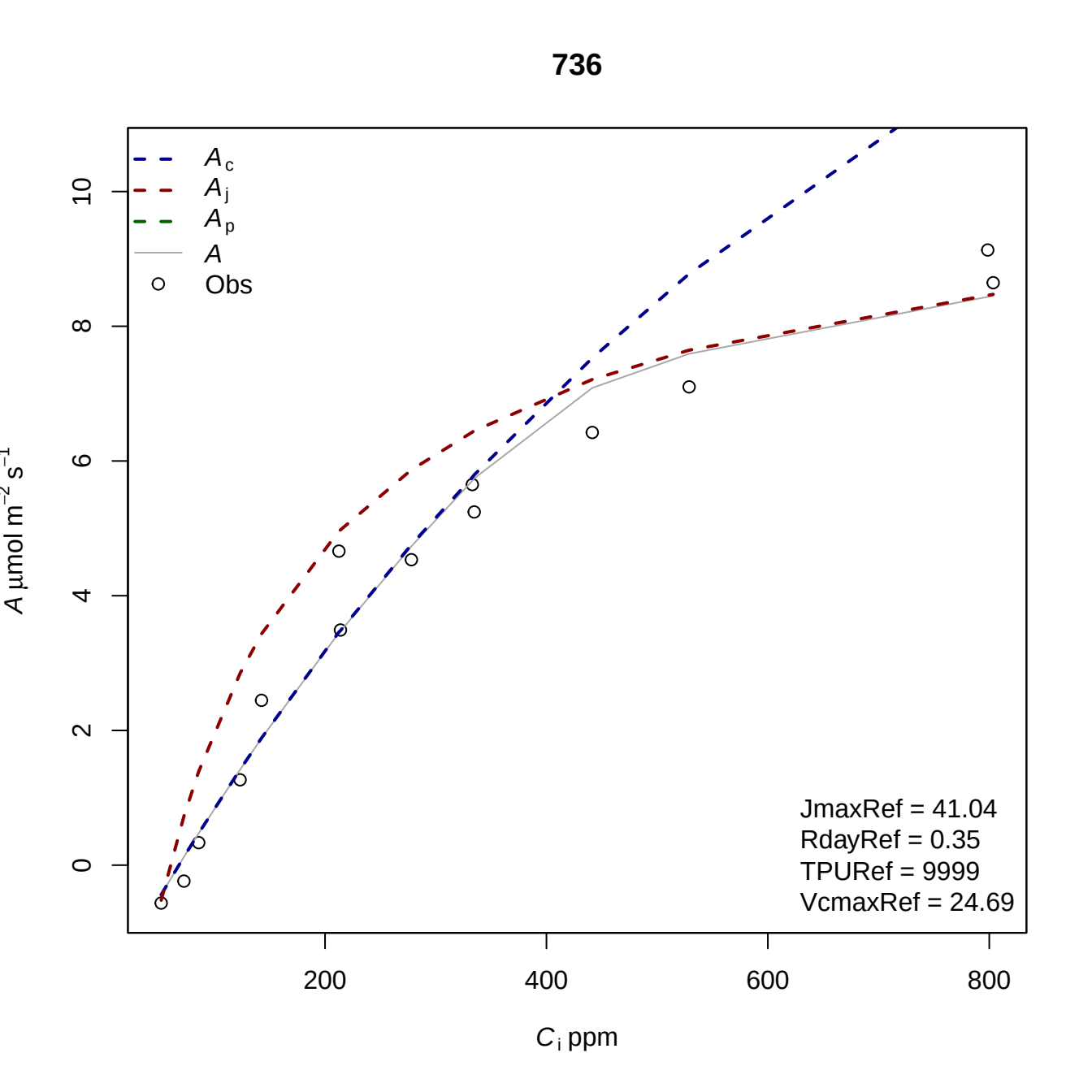

731
A_c
A_j
A_p
A
Obs
JmaxRef = 73.5
RdayRef = 0.87
TPURef = 9999
VcmaxRef = 46.92
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

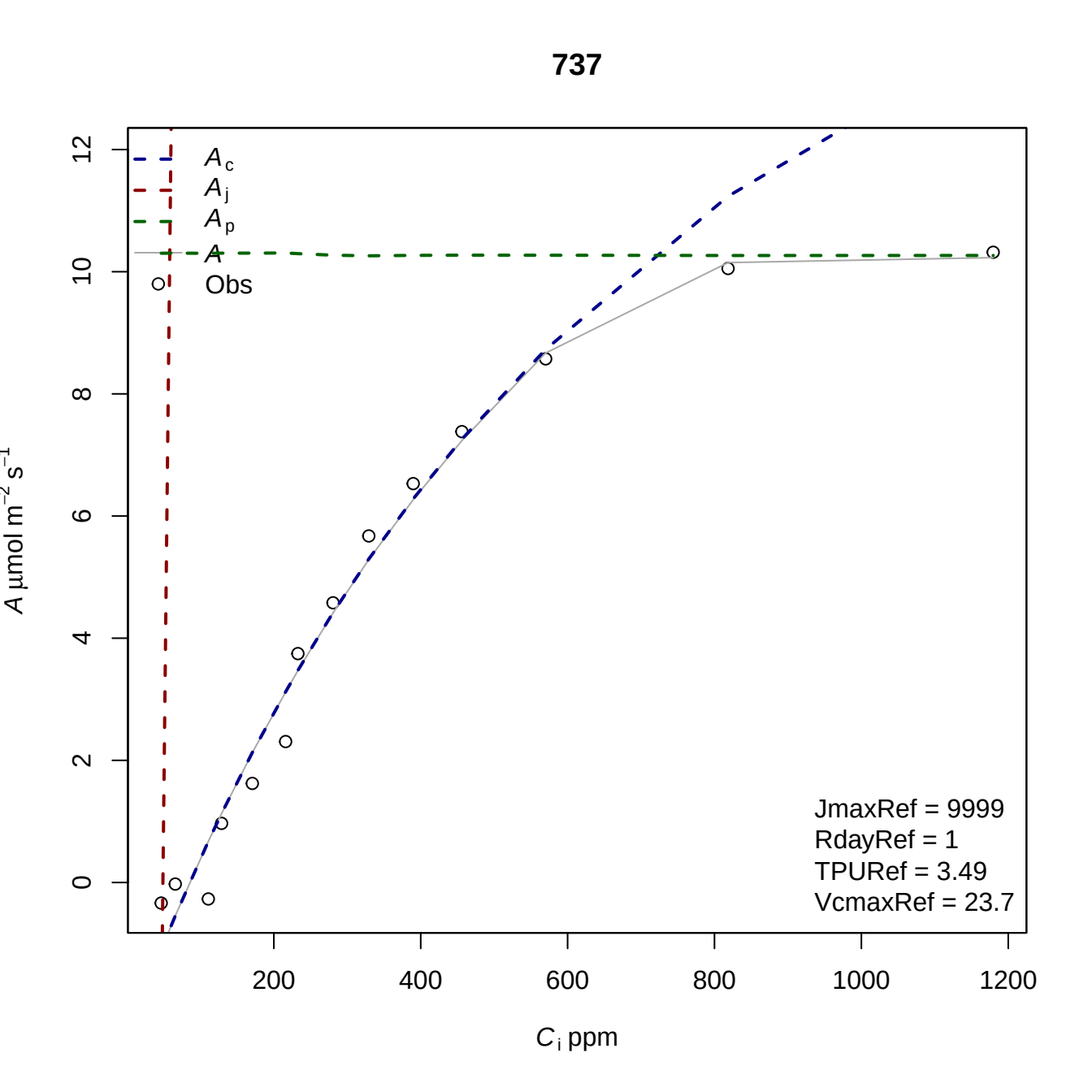

732
A_c
A_j
A_p
A
Obs
JmaxRef = 60.05
RdayRef = 0.46
TPURef = 9999
VcmaxRef = 40.62
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

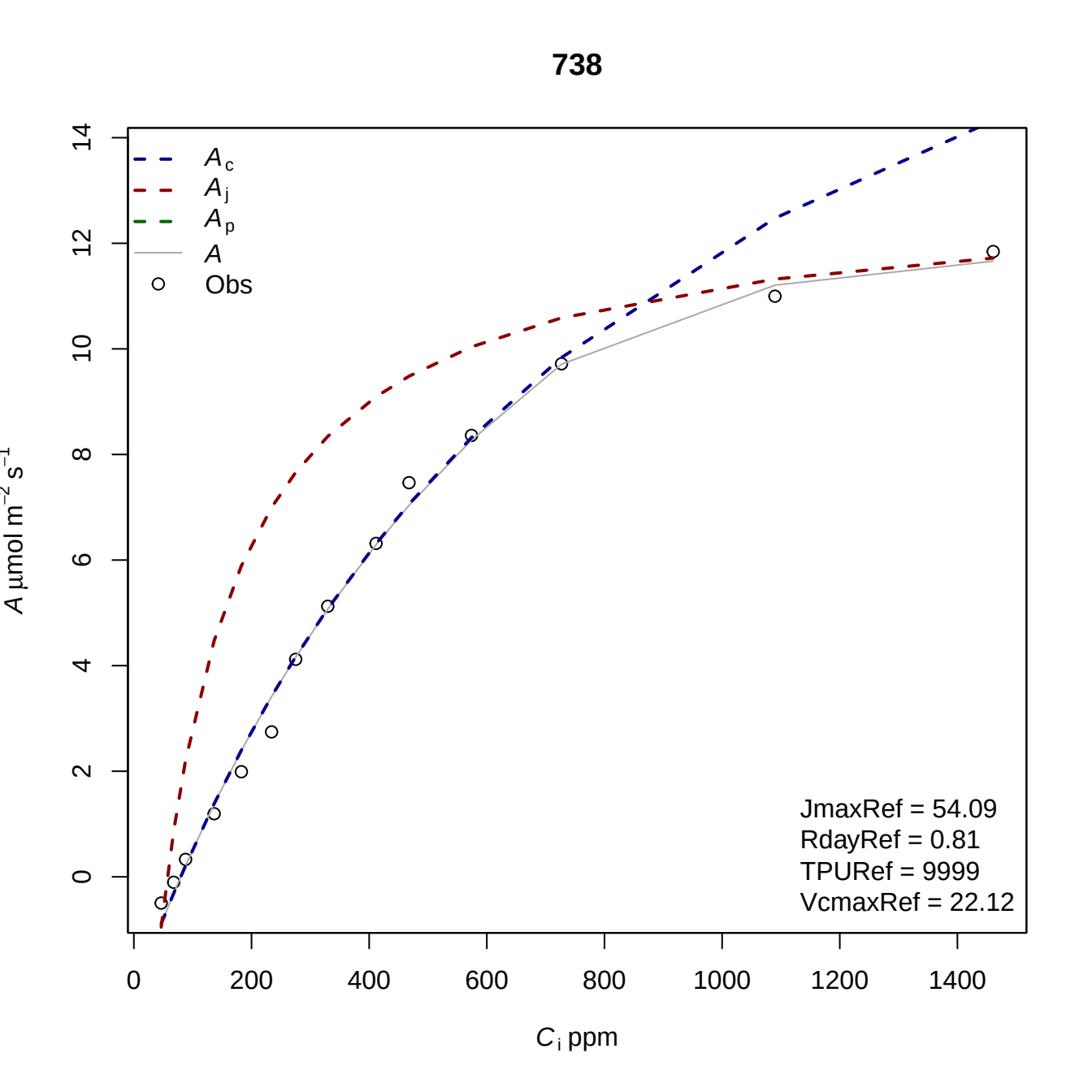

733
A_c
A_j
A_p
A
Obs
JmaxRef = 63.13
RdayRef = 1.18
TPURef = 9999
VcmaxRef = 43.4
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

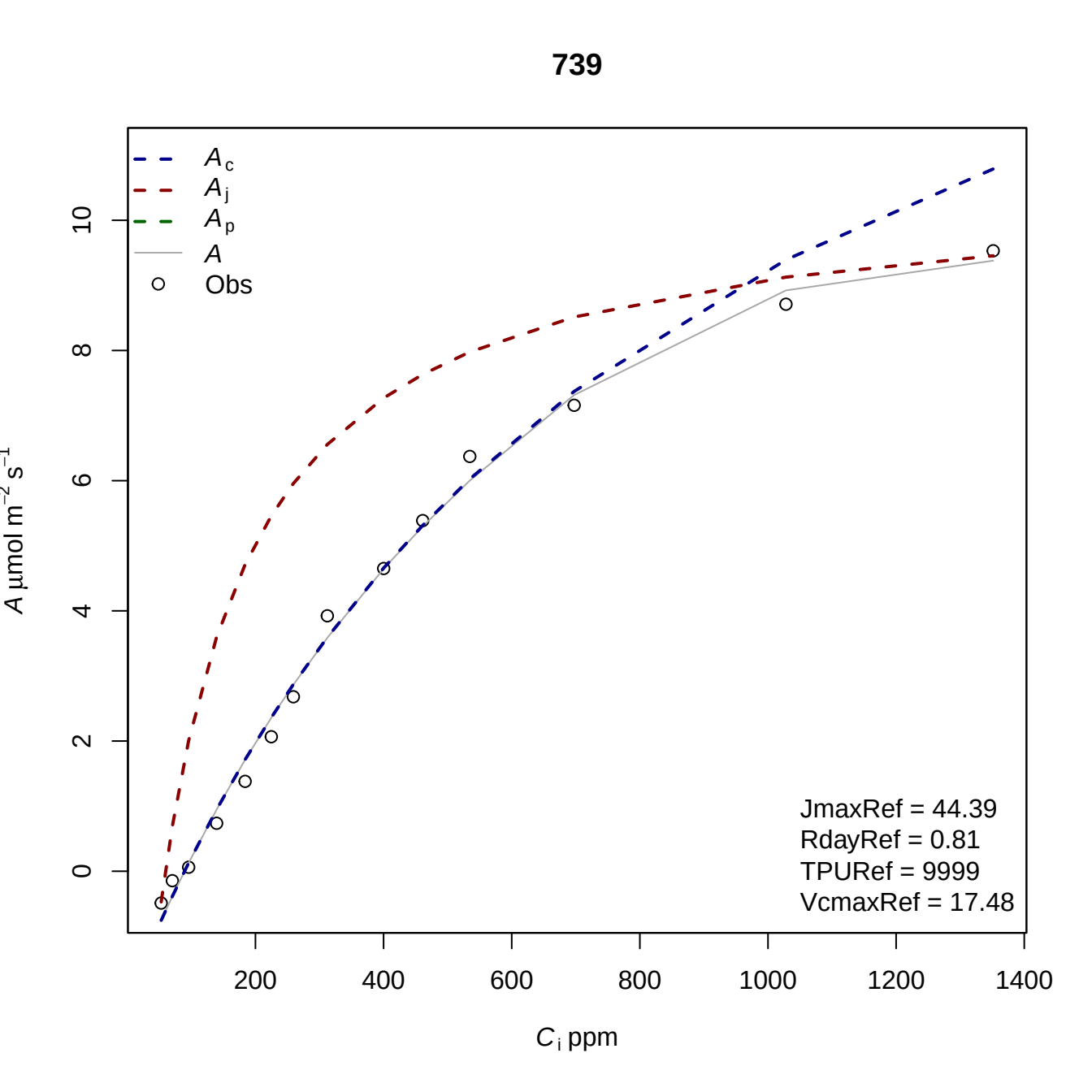

734
A_c
A_j
A_p
A
Obs
JmaxRef = 84.93
RdayRef = 0.67
TPURef = 5.53
VcmaxRef = 51.77
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

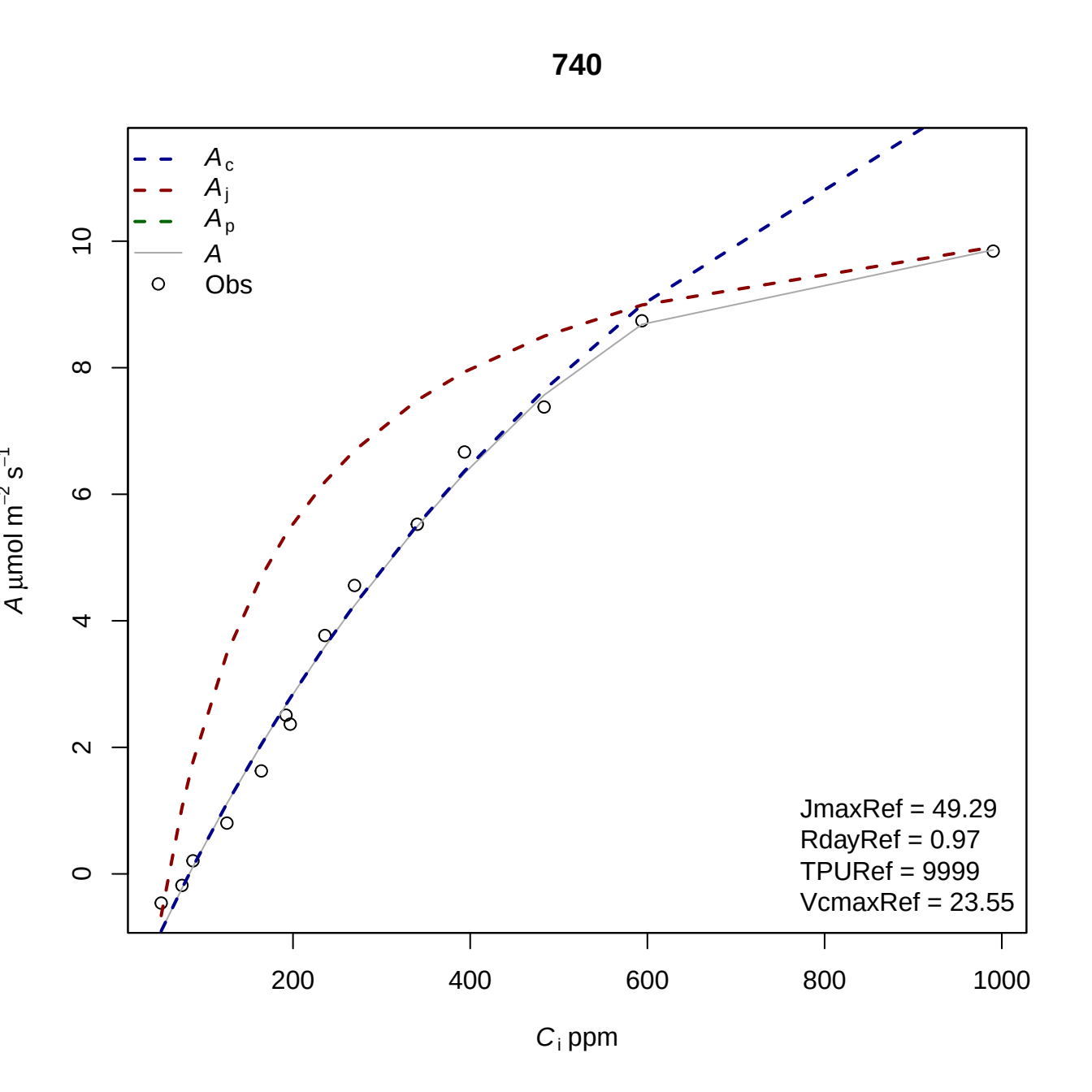

735
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.69
TPURef = 9999
VcmaxRef = 32.72
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

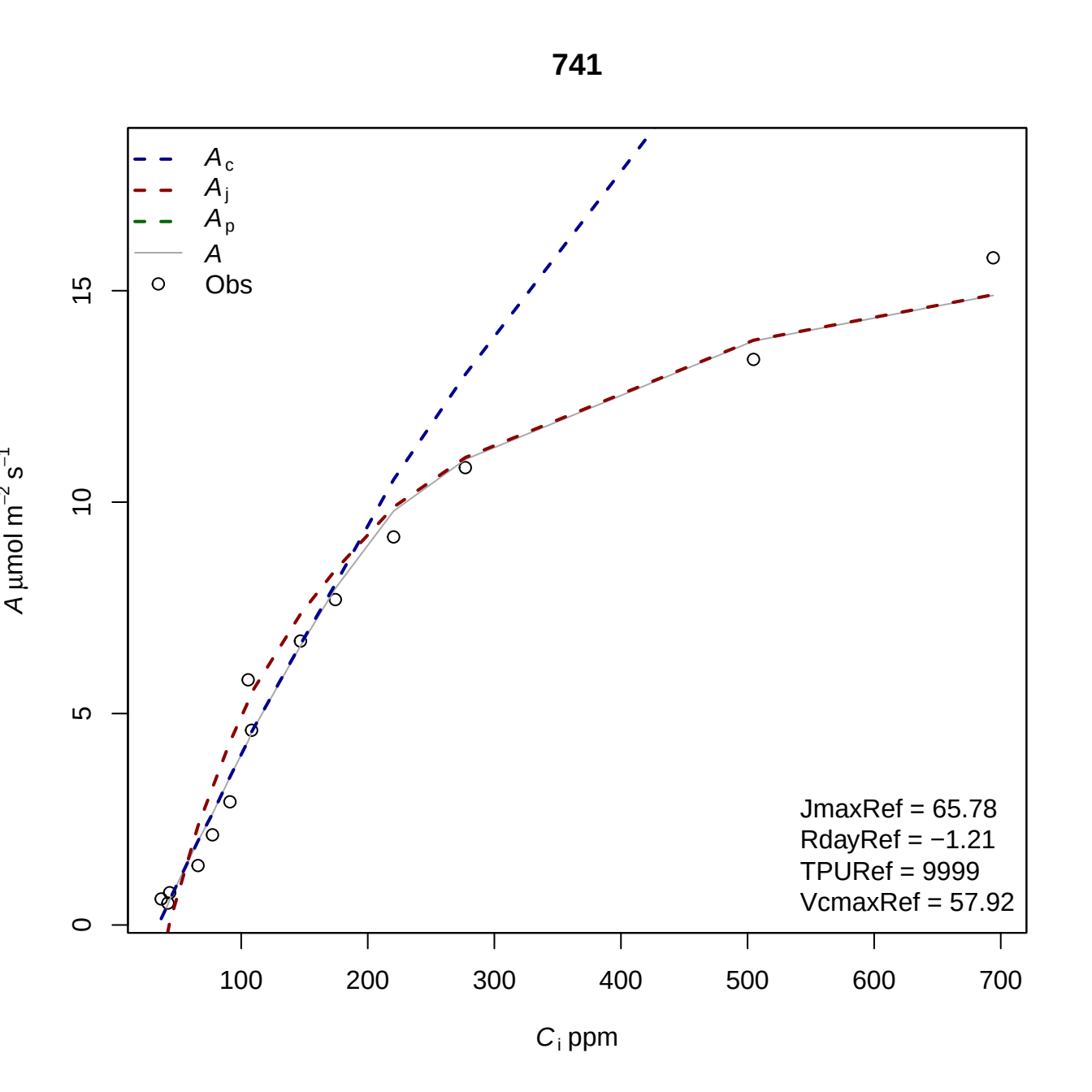

736
A_c
A_j
A_p
A
Obs
JmaxRef = 41.04
RdayRef = 0.35
TPURef = 9999
VcmaxRef = 24.69
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800

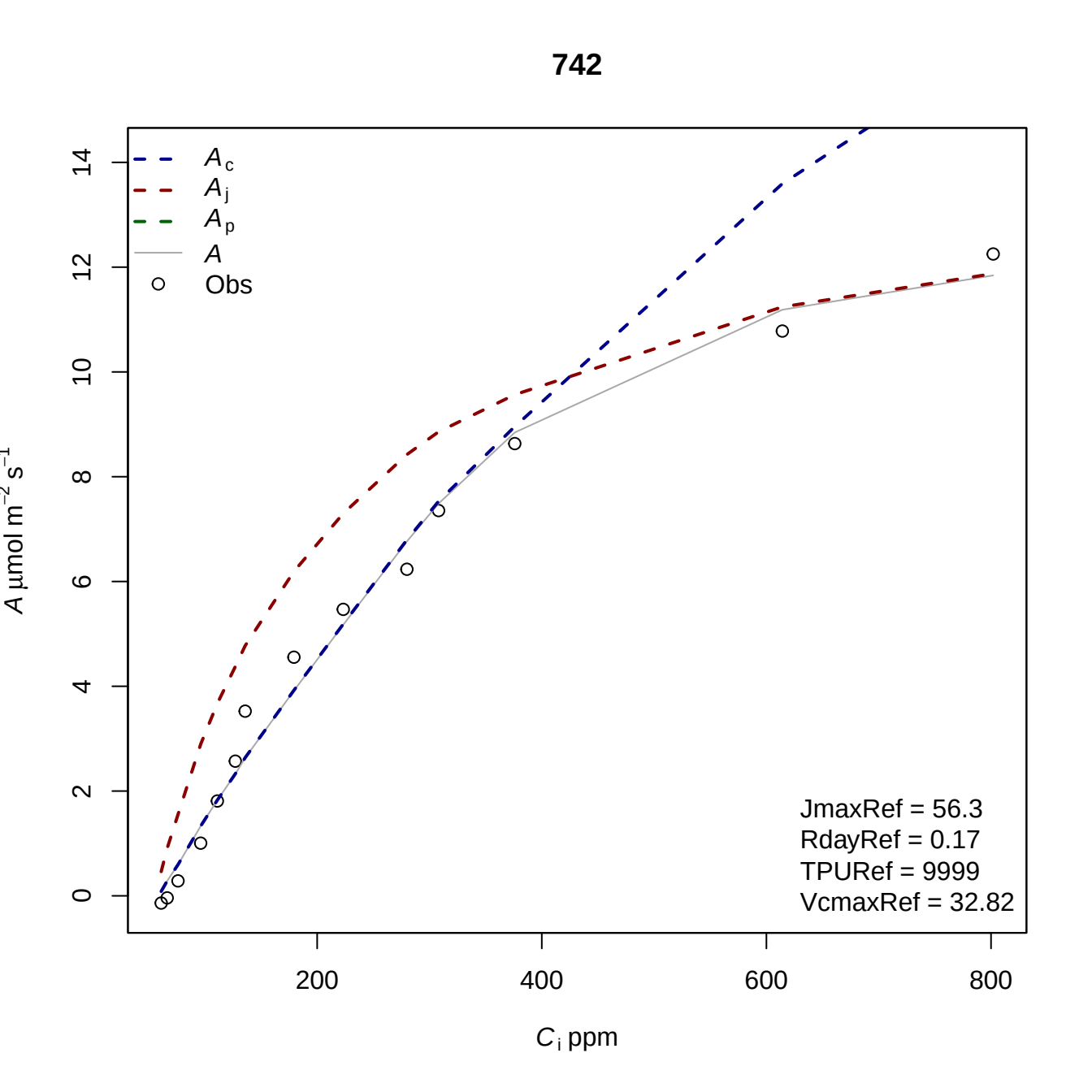

737
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1
TPURef = 3.49
VcmaxRef = 23.7
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000
1200

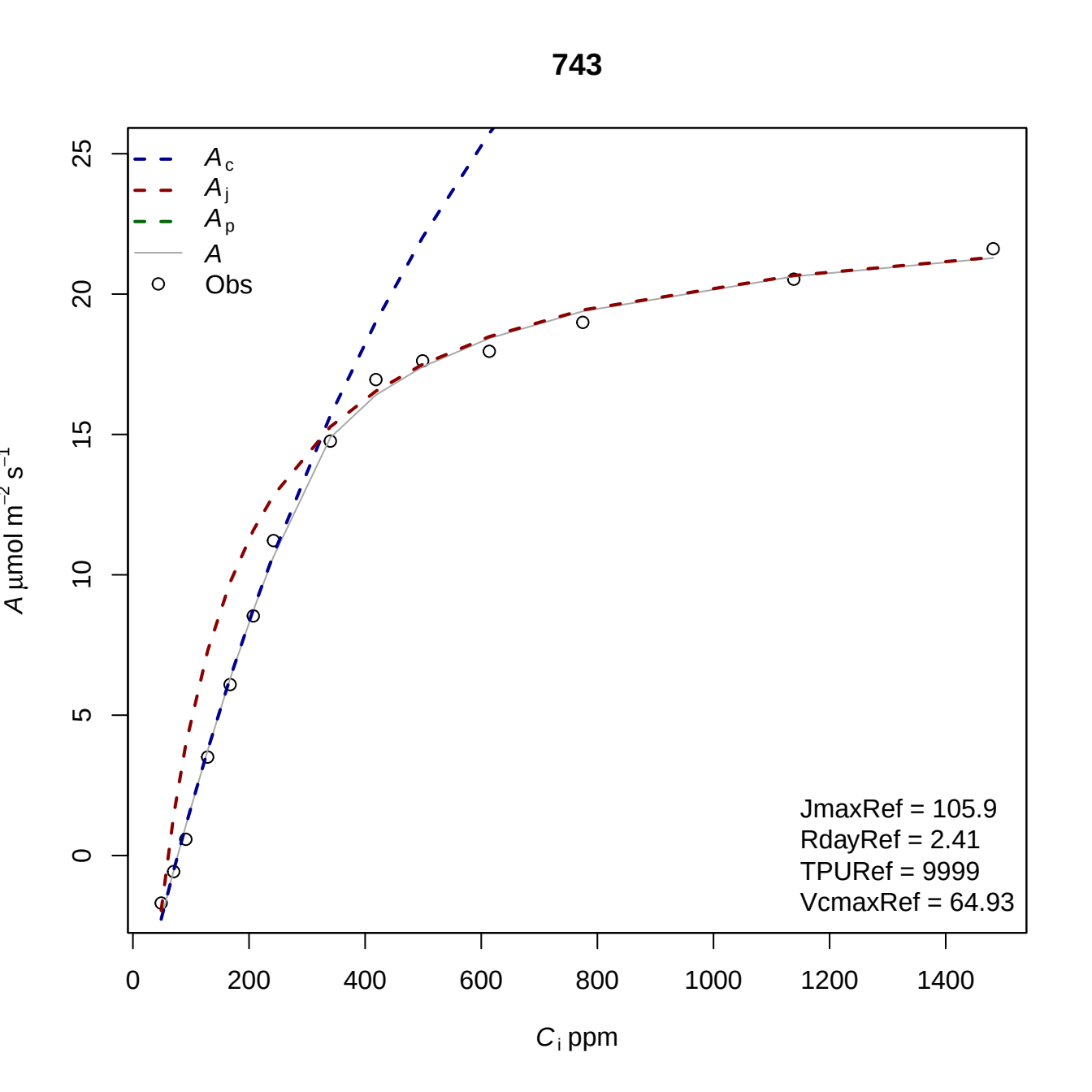

738
A_c
A_j
A_p
A
Obs
JmaxRef = 54.09
RdayRef = 0.81
TPURef = 9999
VcmaxRef = 22.12
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
14
0
200
400
600
800
1000
1200
1400

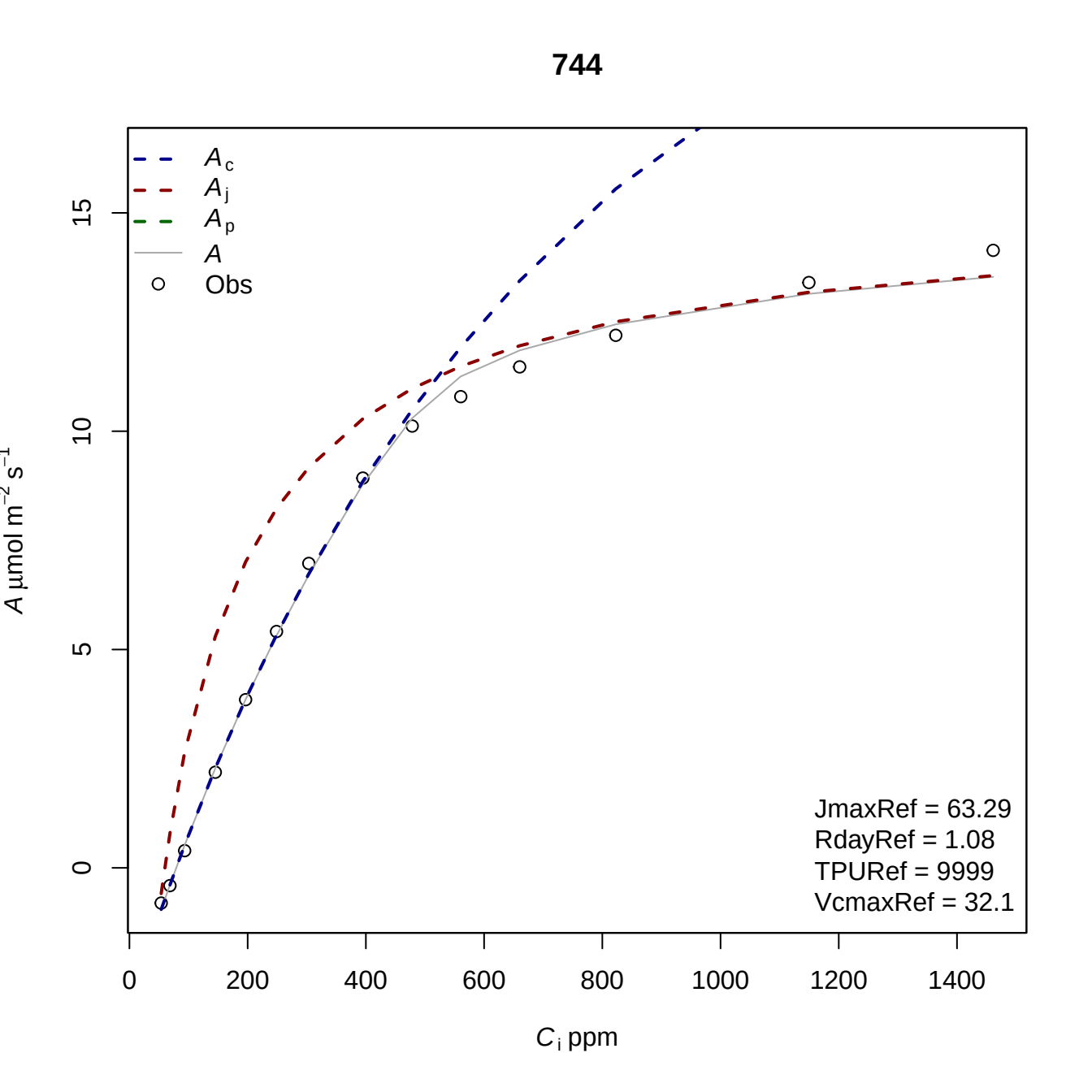

739
A_c
A_j
A_p
A
Obs
JmaxRef = 44.39
RdayRef = 0.81
TPURef = 9999
VcmaxRef = 17.48
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000
1200
1400

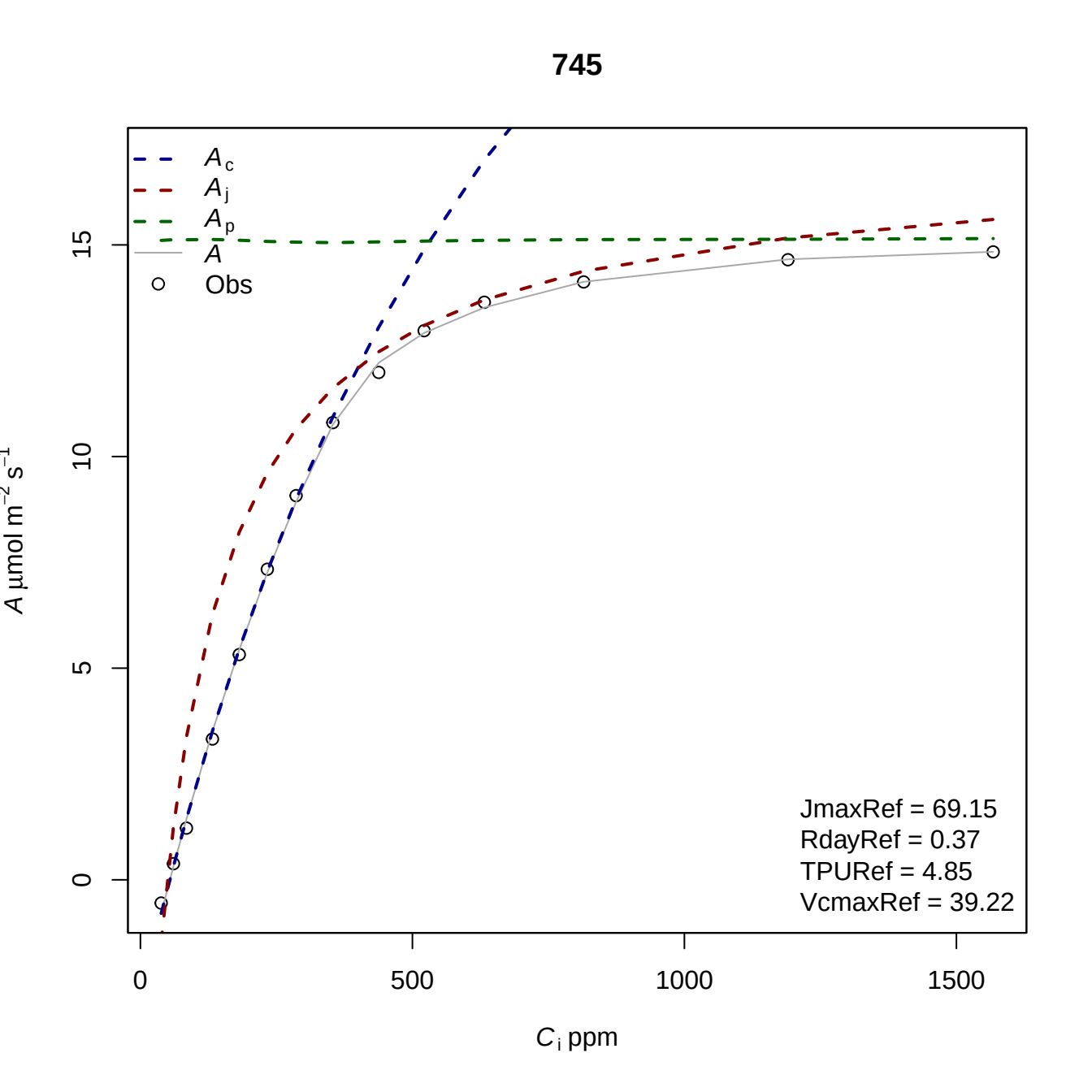

740
A_c
A_j
A_p
A
Obs
JmaxRef = 49.29
RdayRef = 0.97
TPURef = 9999
VcmaxRef = 23.55
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000

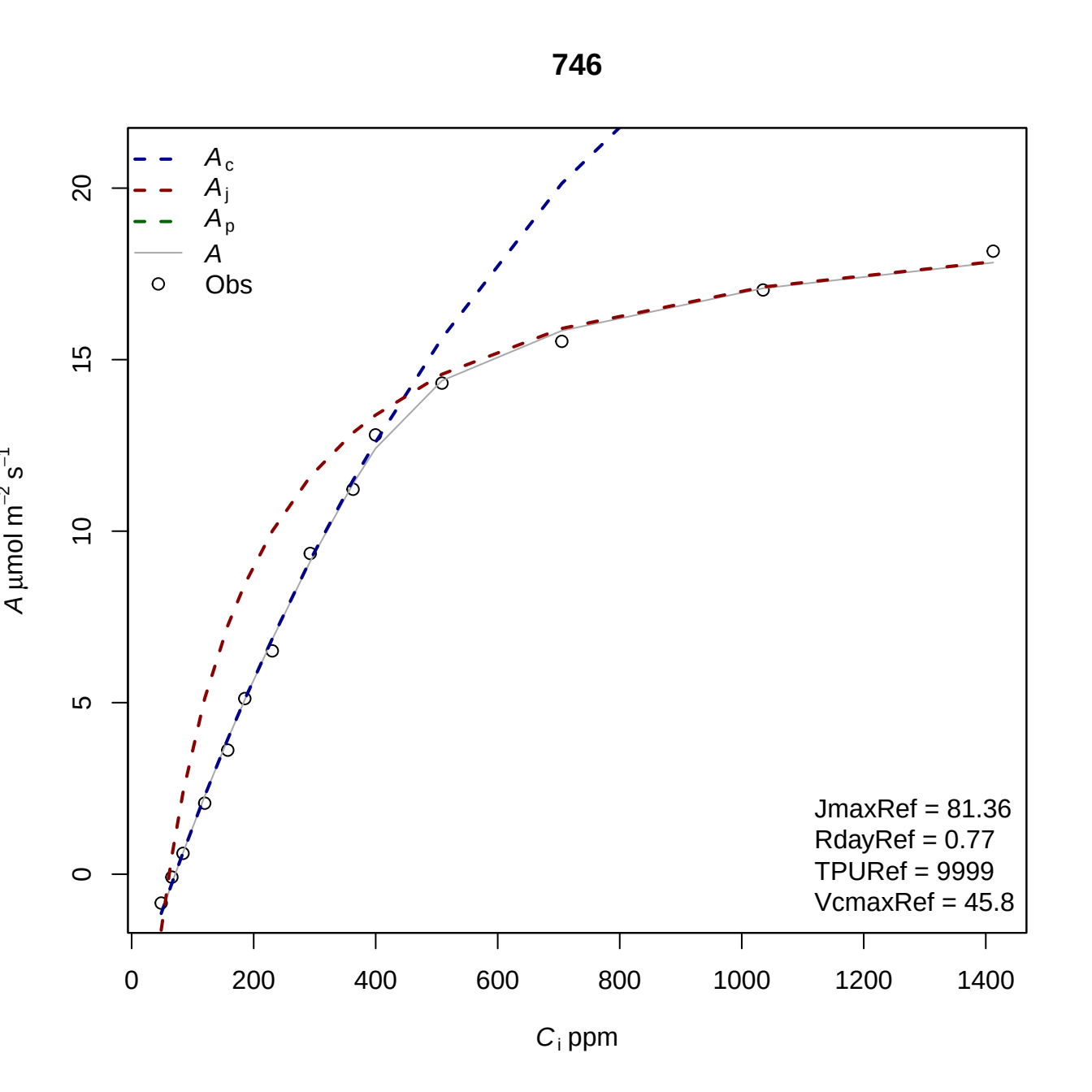

741
A_c
A_j
A_p
A
Obs
JmaxRef = 65.78
RdayRef = −1.21
TPURef = 9999
VcmaxRef = 57.92
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
100
200
300
400
500
600
700

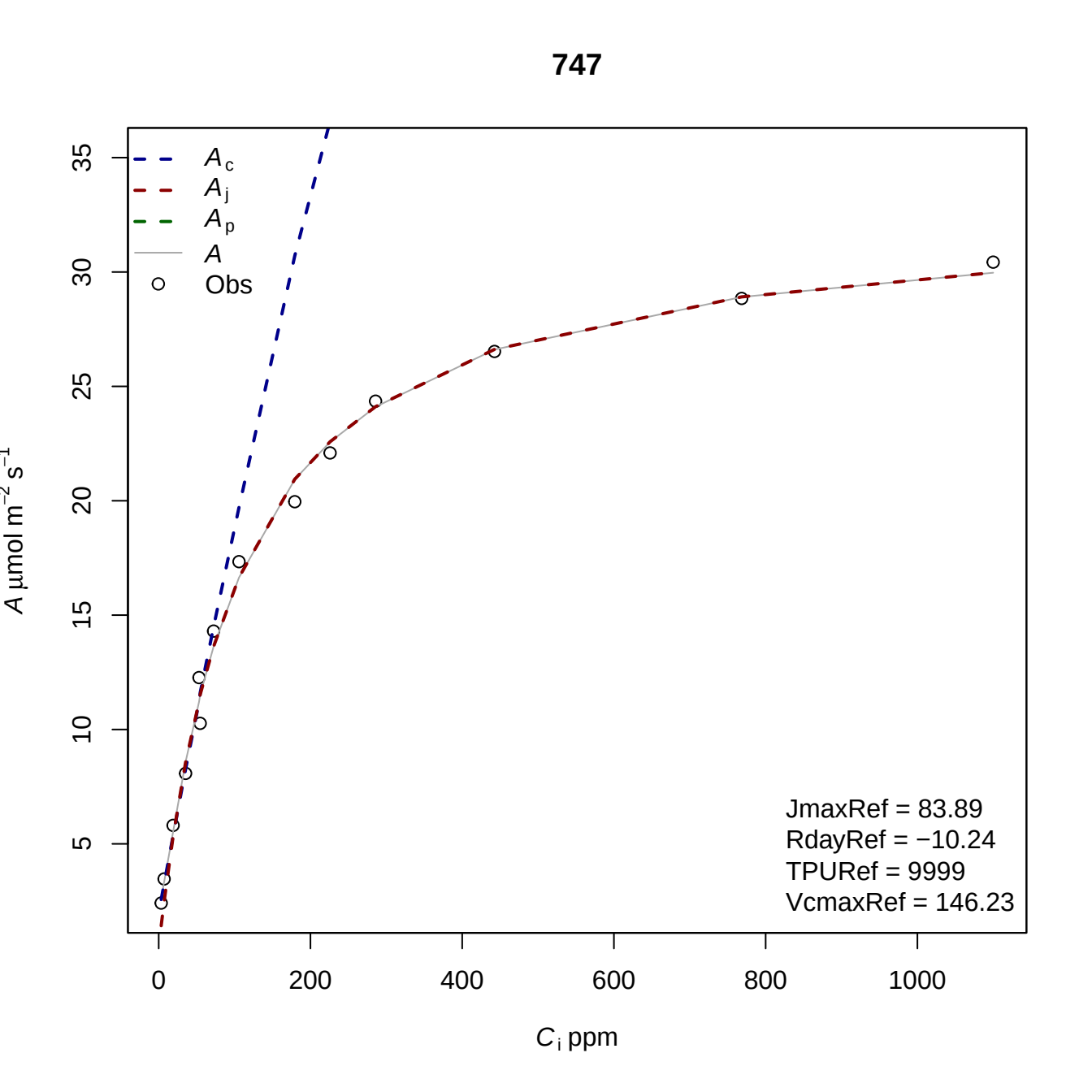

742
A_c
A_j
A_p
A
Obs
JmaxRef = 56.3
RdayRef = 0.17
TPURef = 9999
VcmaxRef = 32.82
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
14
200
400
600
800

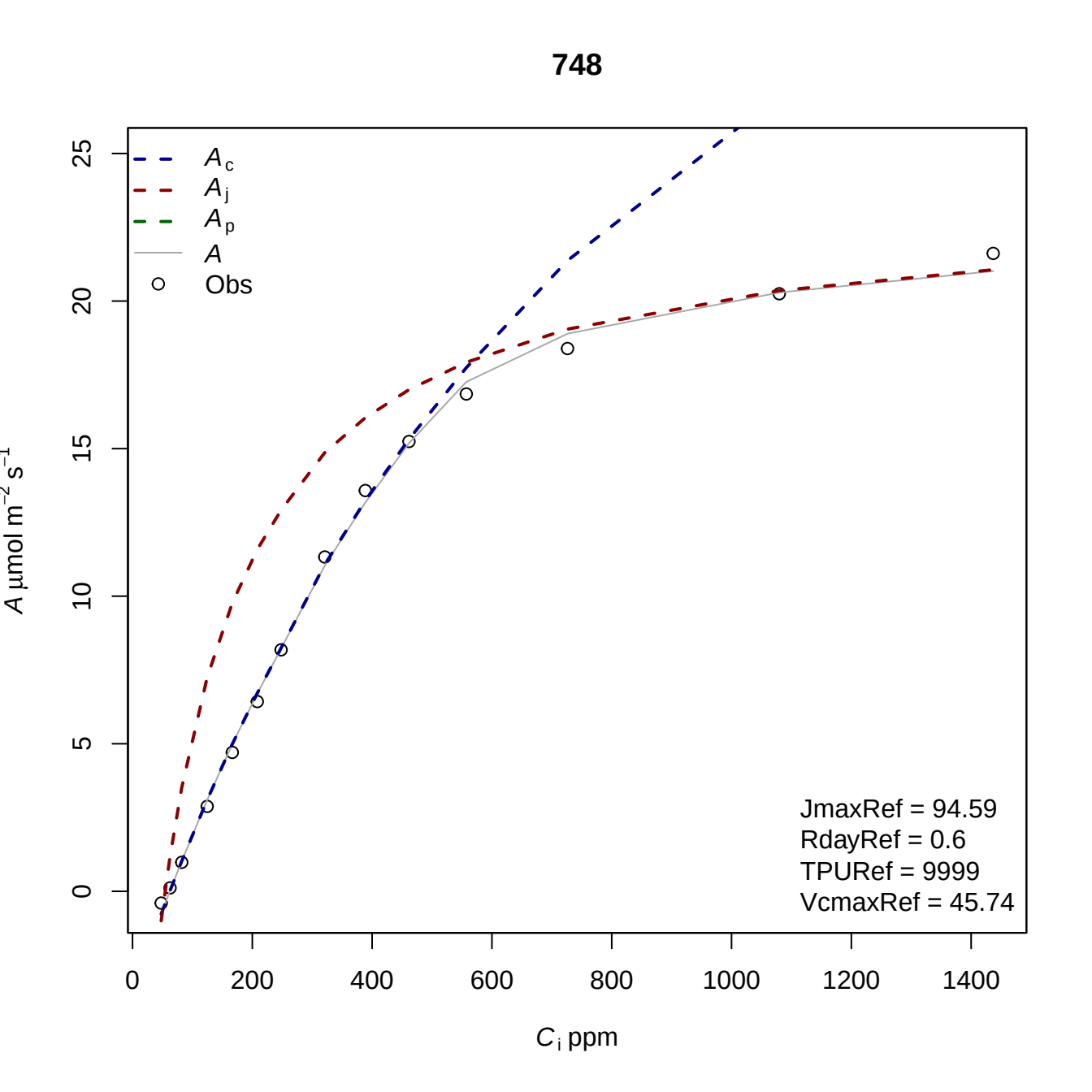

743
A_c
A_j
A_p
A
Obs
JmaxRef = 105.9
RdayRef = 2.41
TPURef = 9999
VcmaxRef = 64.93
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

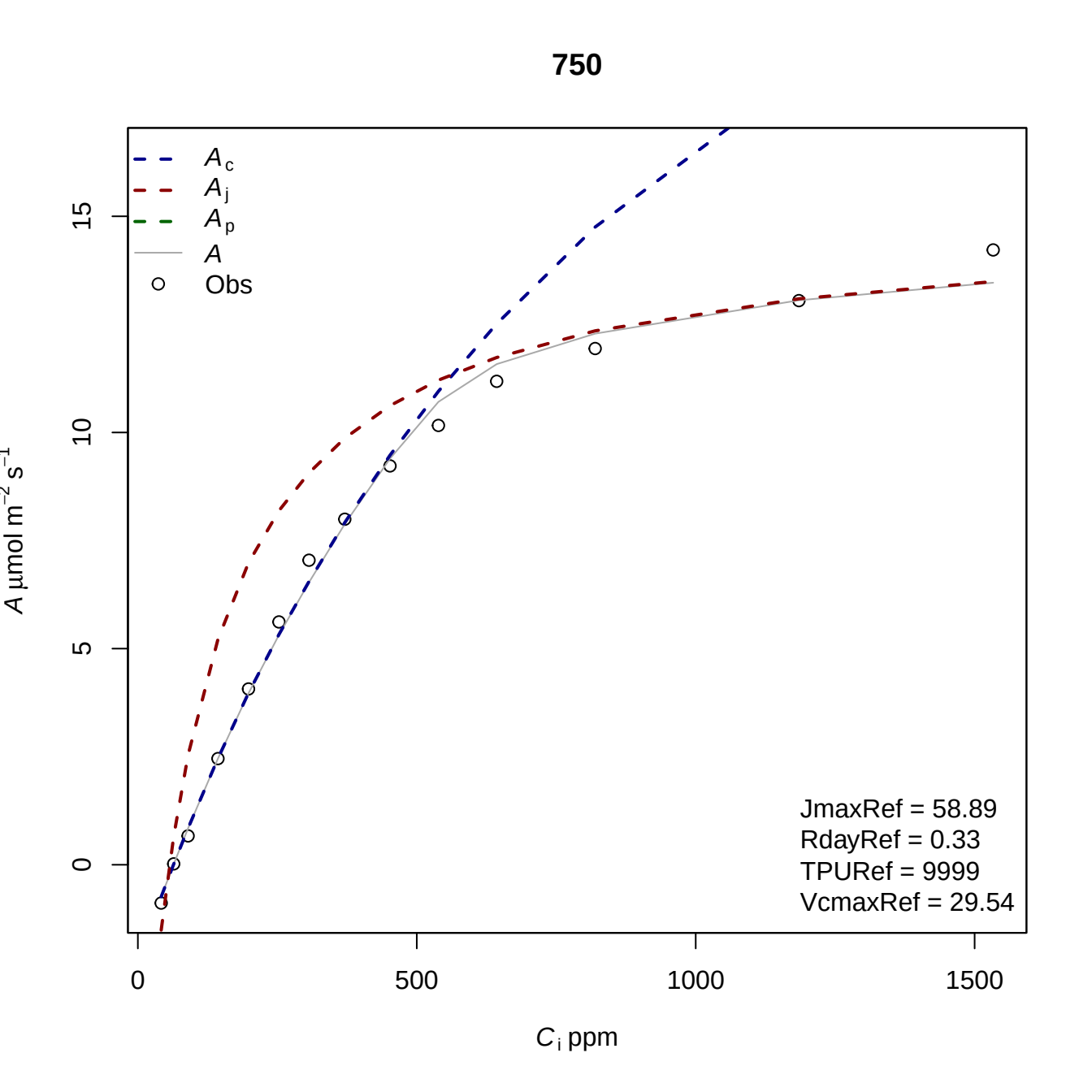

744
A_c
A_j
A_p
A
Obs
JmaxRef = 63.29
RdayRef = 1.08
TPURef = 9999
VcmaxRef = 32.1
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

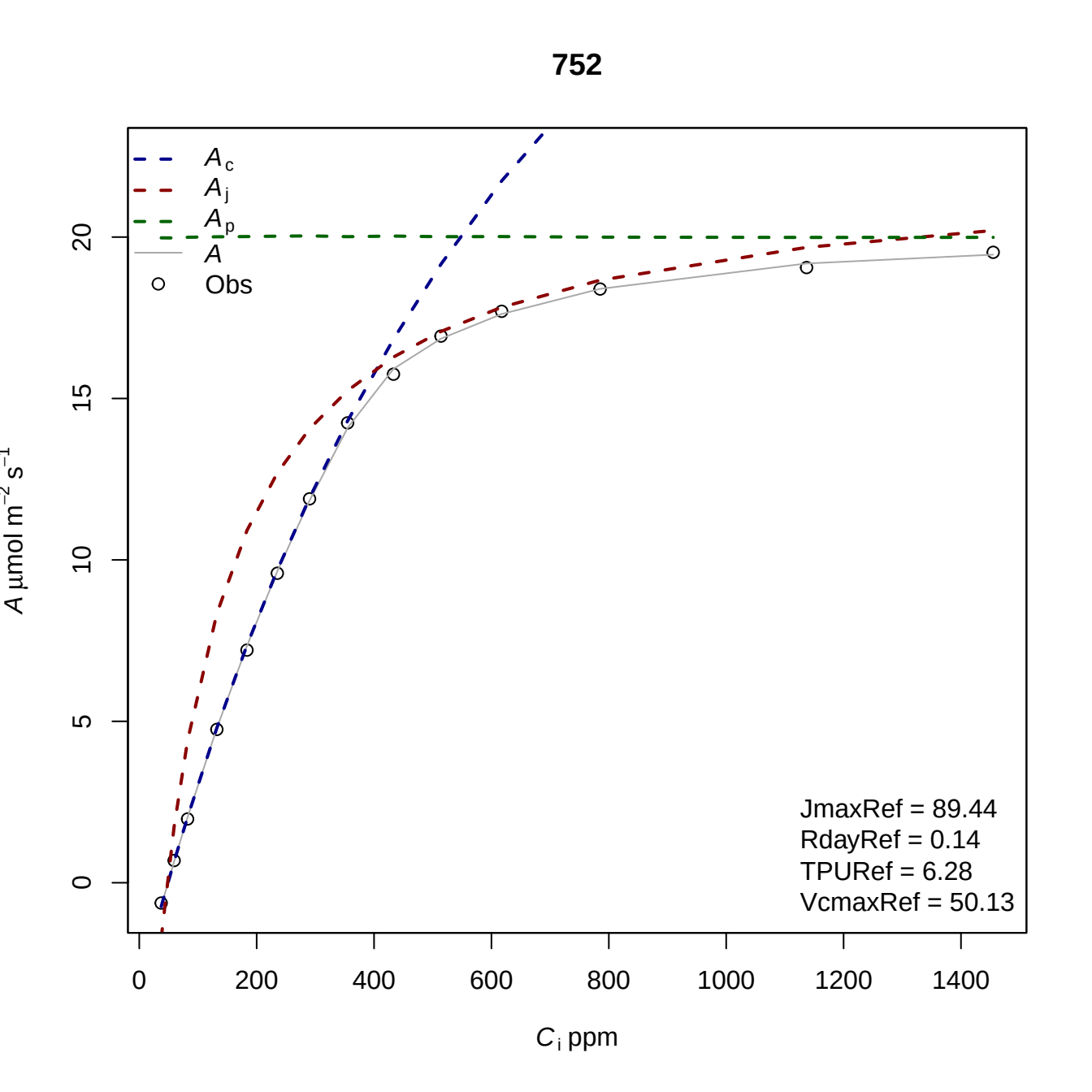

745
A_c
A_j
A_p
A
Obs
JmaxRef = 69.15
RdayRef = 0.37
TPURef = 4.85
VcmaxRef = 39.22
A µmol m^{-2} s^{-1}
0
5
10
15
0
500
1000
1500
C_i ppm

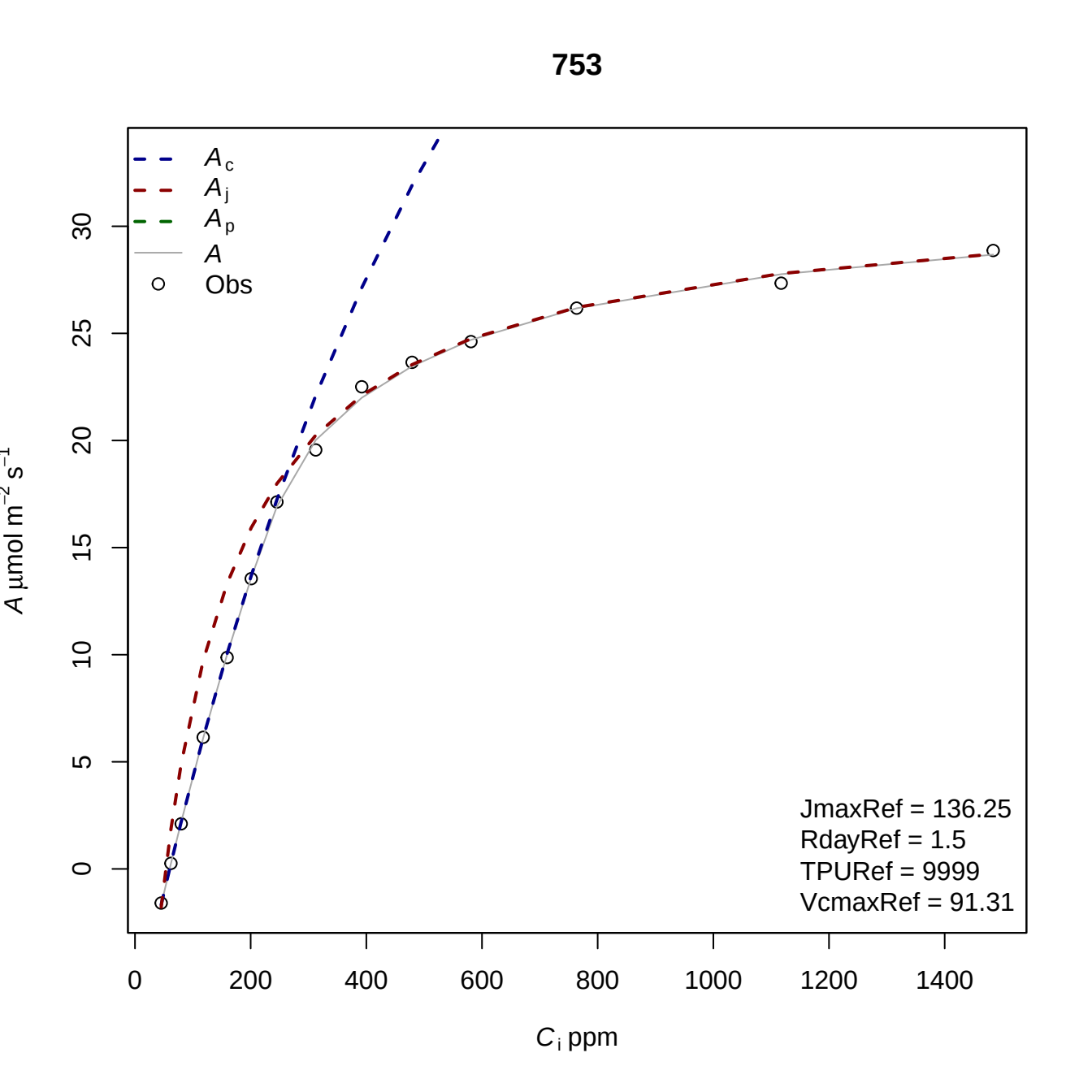

746
A_c
A_j
A_p
A
Obs
JmaxRef = 81.36
RdayRef = 0.77
TPURef = 9999
VcmaxRef = 45.8
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

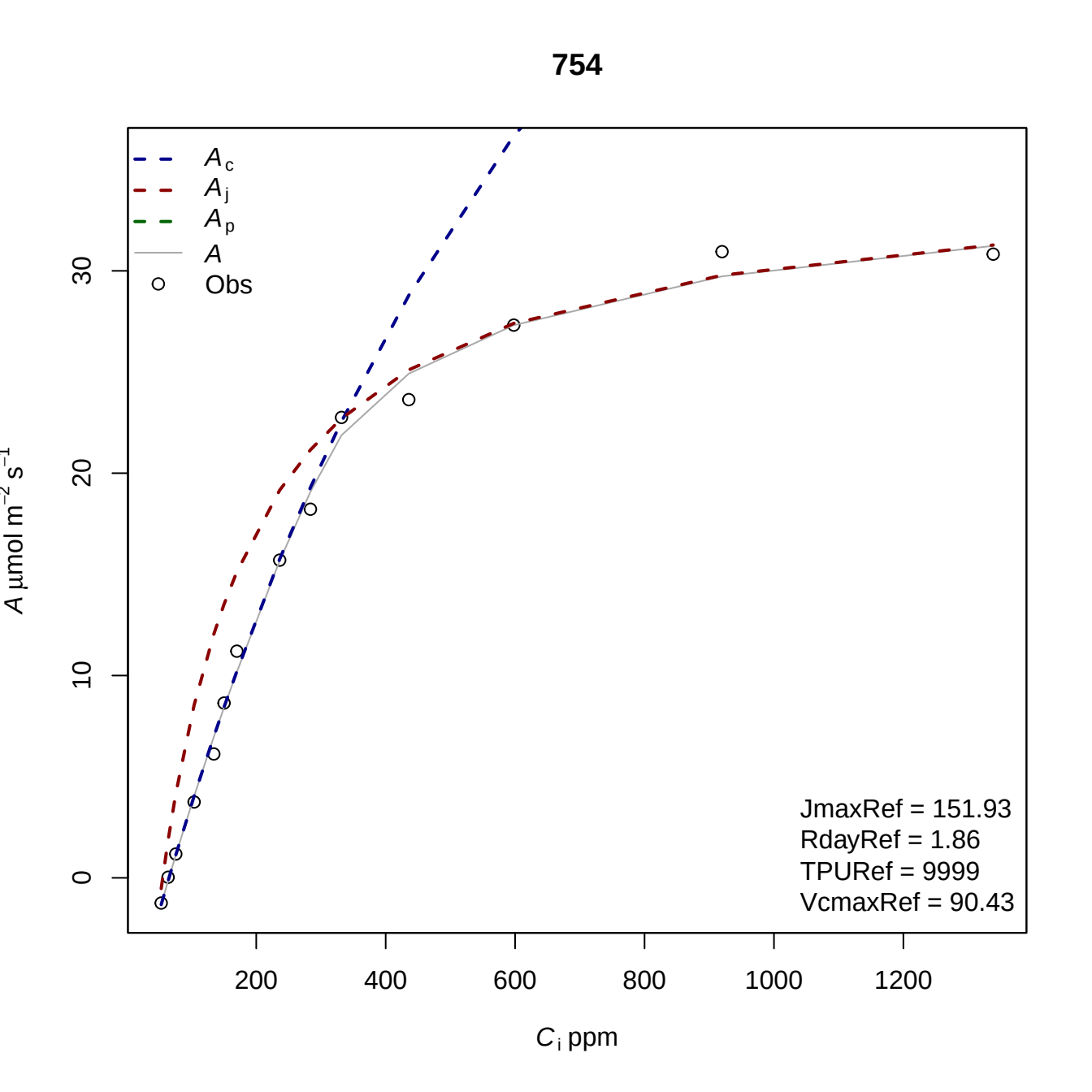

747
A_c
A_j
A_p
A
Obs
JmaxRef = 83.89
RdayRef = −10.24
TPURef = 9999
VcmaxRef = 146.23
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
30
35
0
200
400
600
800
1000

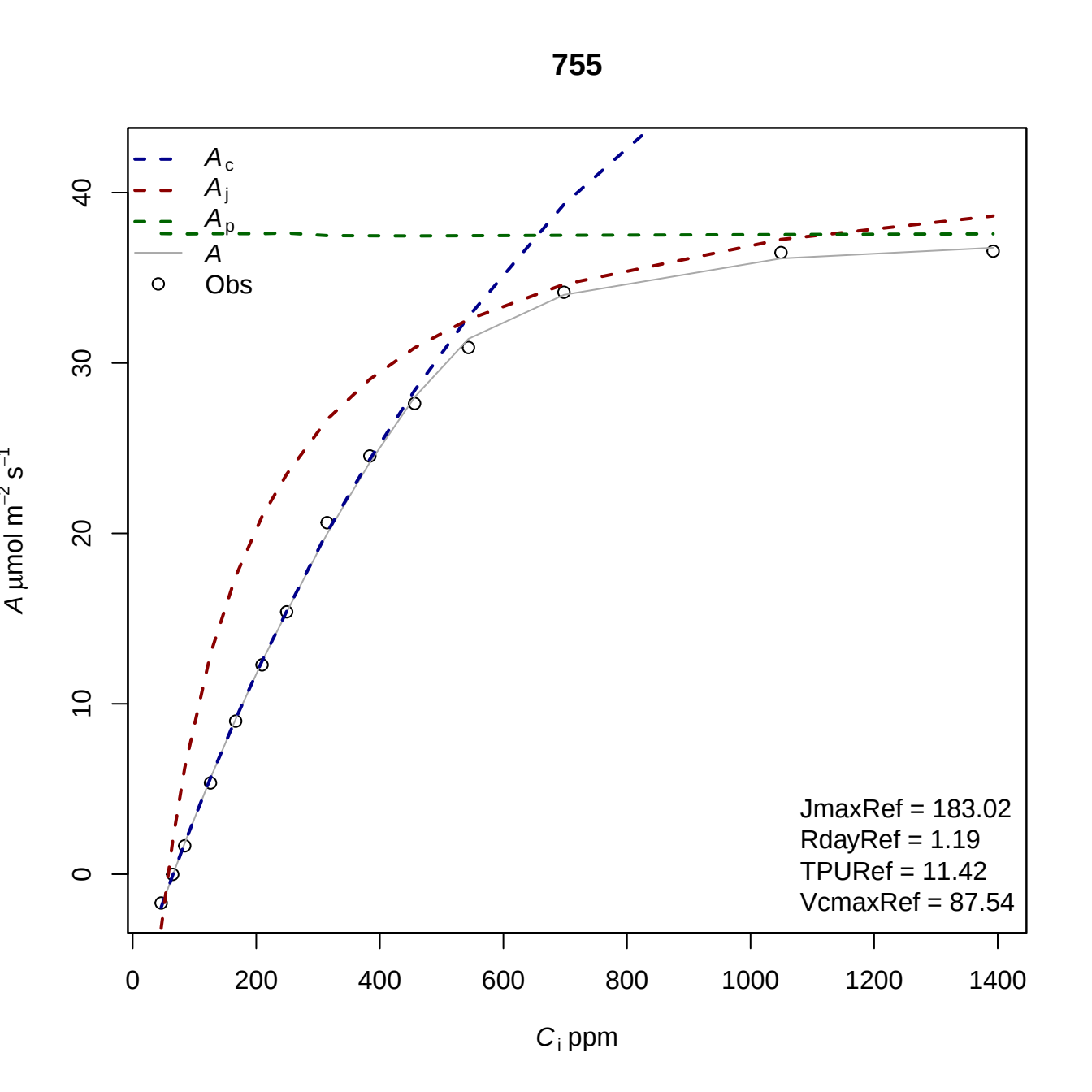

748
A_c
A_j
A_p
A
Obs
JmaxRef = 94.59
RdayRef = 0.6
TPURef = 9999
VcmaxRef = 45.74
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

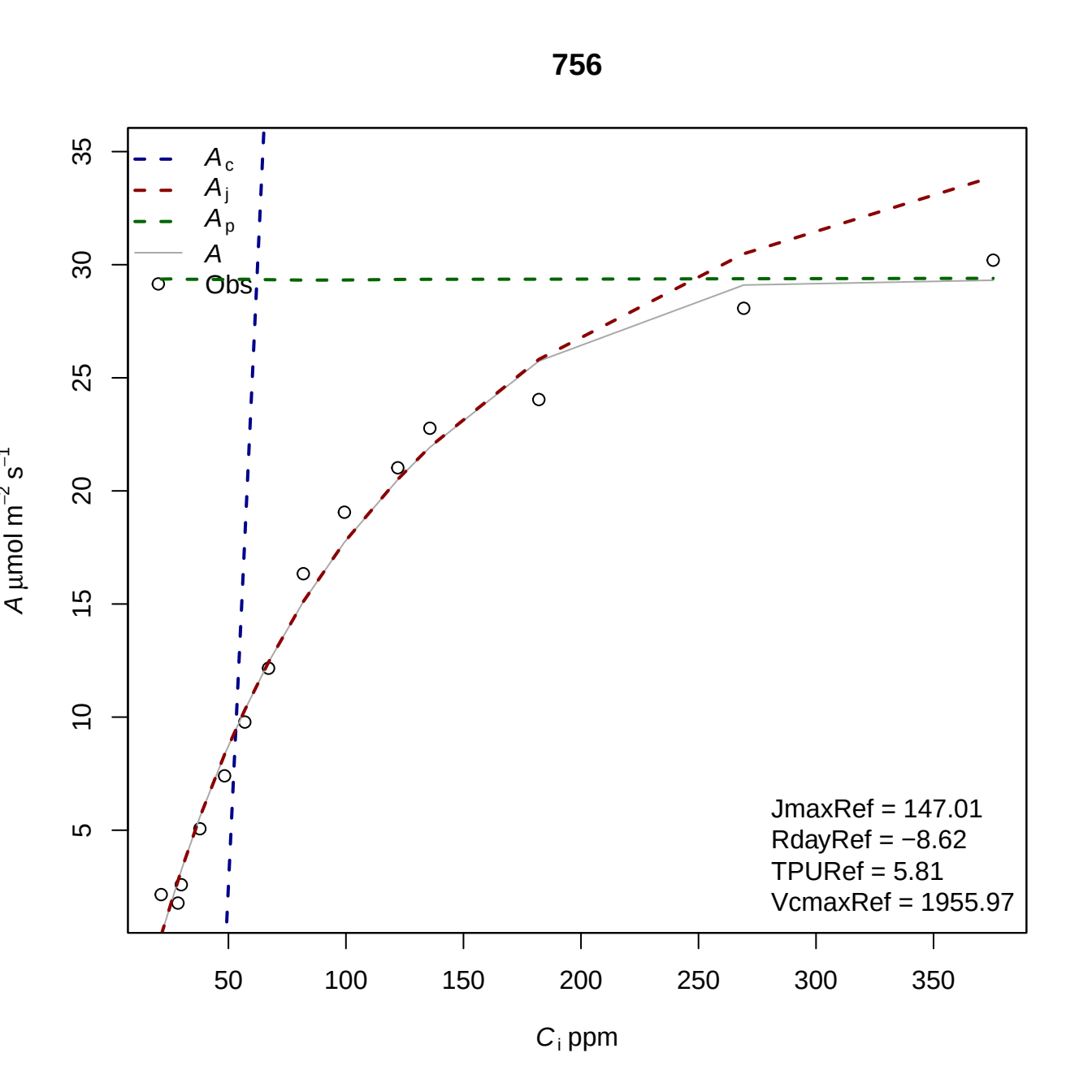

750
A_c
A_j
A_p
A
Obs
JmaxRef = 58.89
RdayRef = 0.33
TPURef = 9999
VcmaxRef = 29.54
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

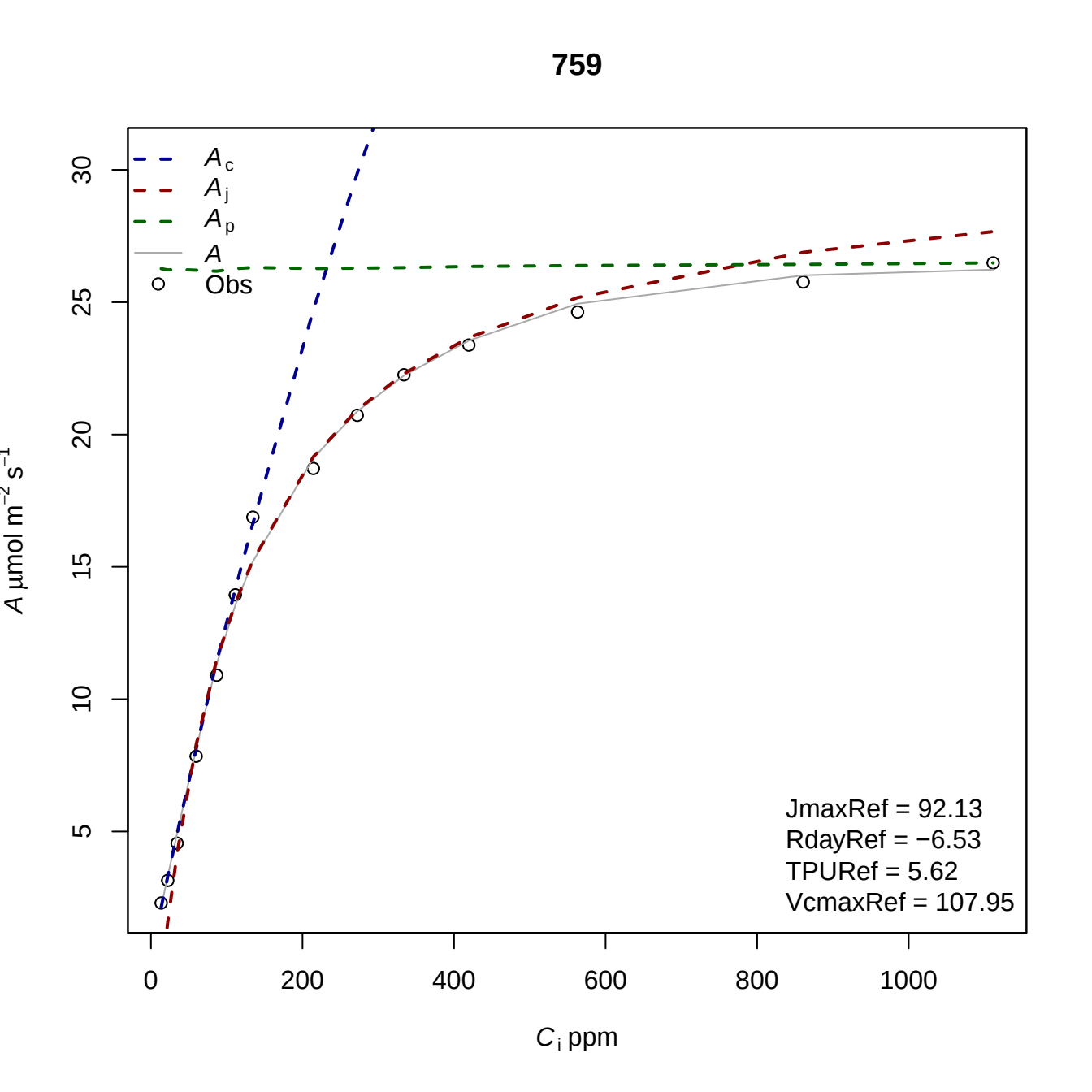

752
A_c
A_j
A_p
A
Obs
JmaxRef = 89.44
RdayRef = 0.14
TPURef = 6.28
VcmaxRef = 50.13
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

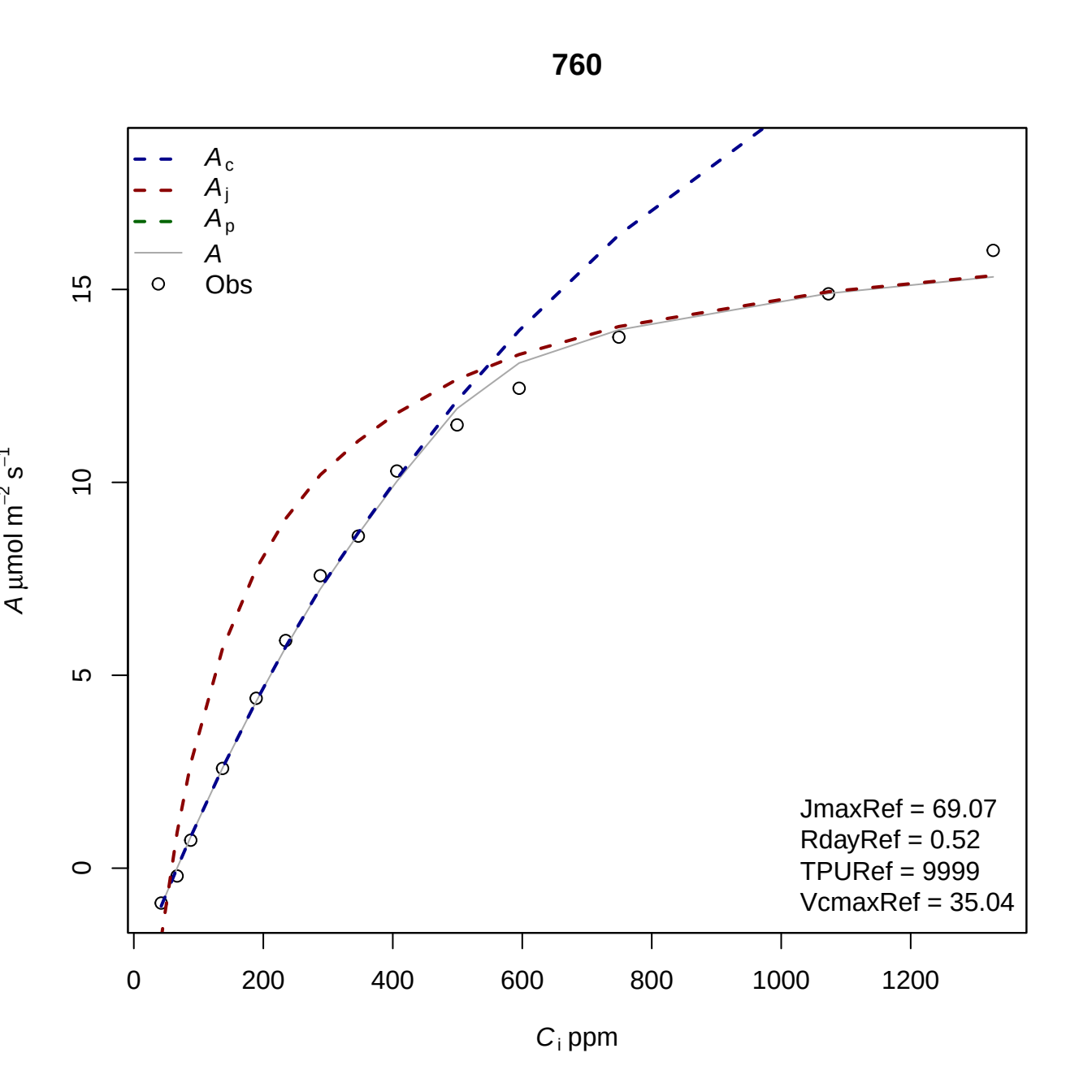

753
A_c
A_j
A_p
A
Obs
JmaxRef = 136.25
RdayRef = 1.5
TPURef = 9999
VcmaxRef = 91.31
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

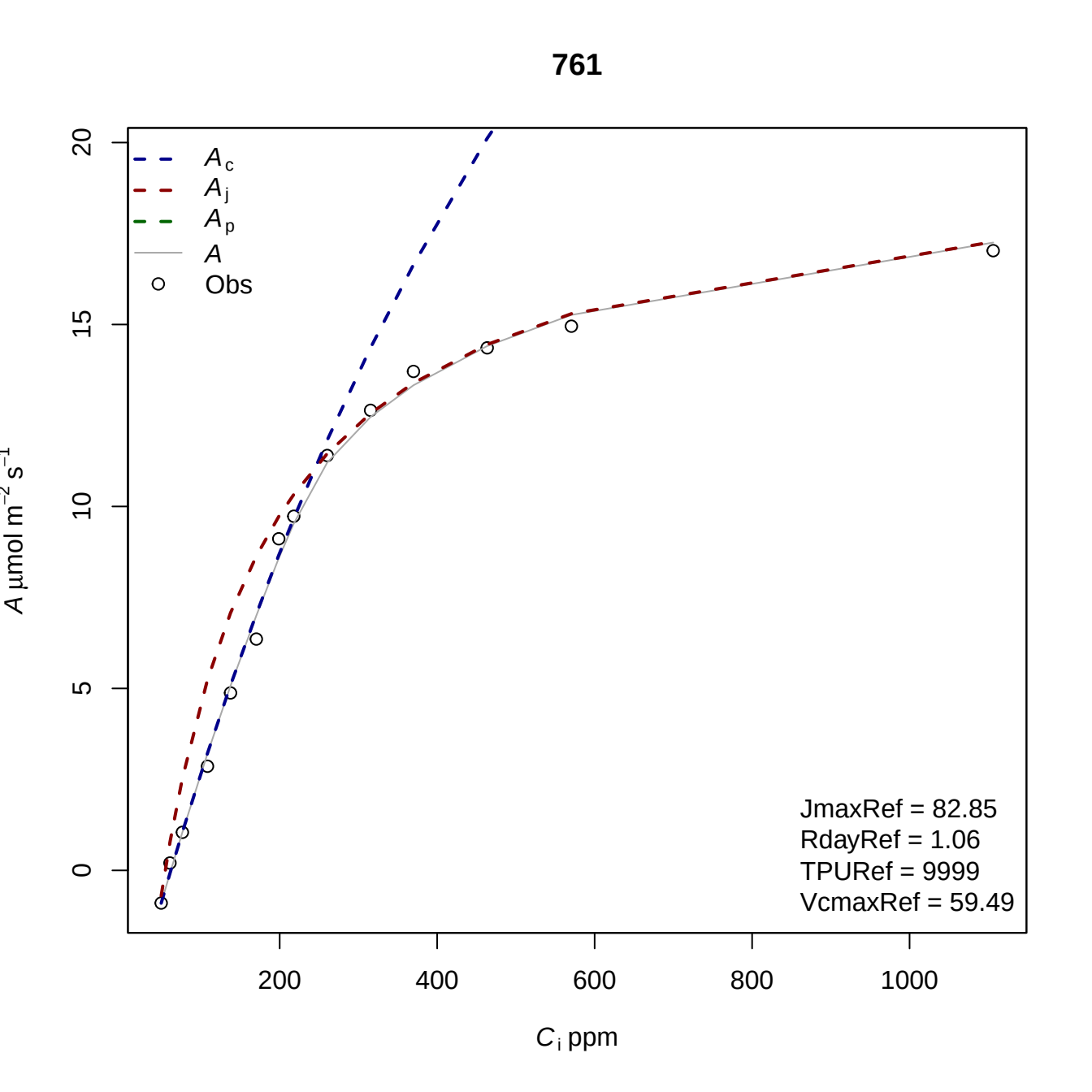

754
A_c
A_j
A_p
A
Obs
JmaxRef = 151.93
RdayRef = 1.86
TPURef = 9999
VcmaxRef = 90.43
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
200
400
600
800
1000
1200

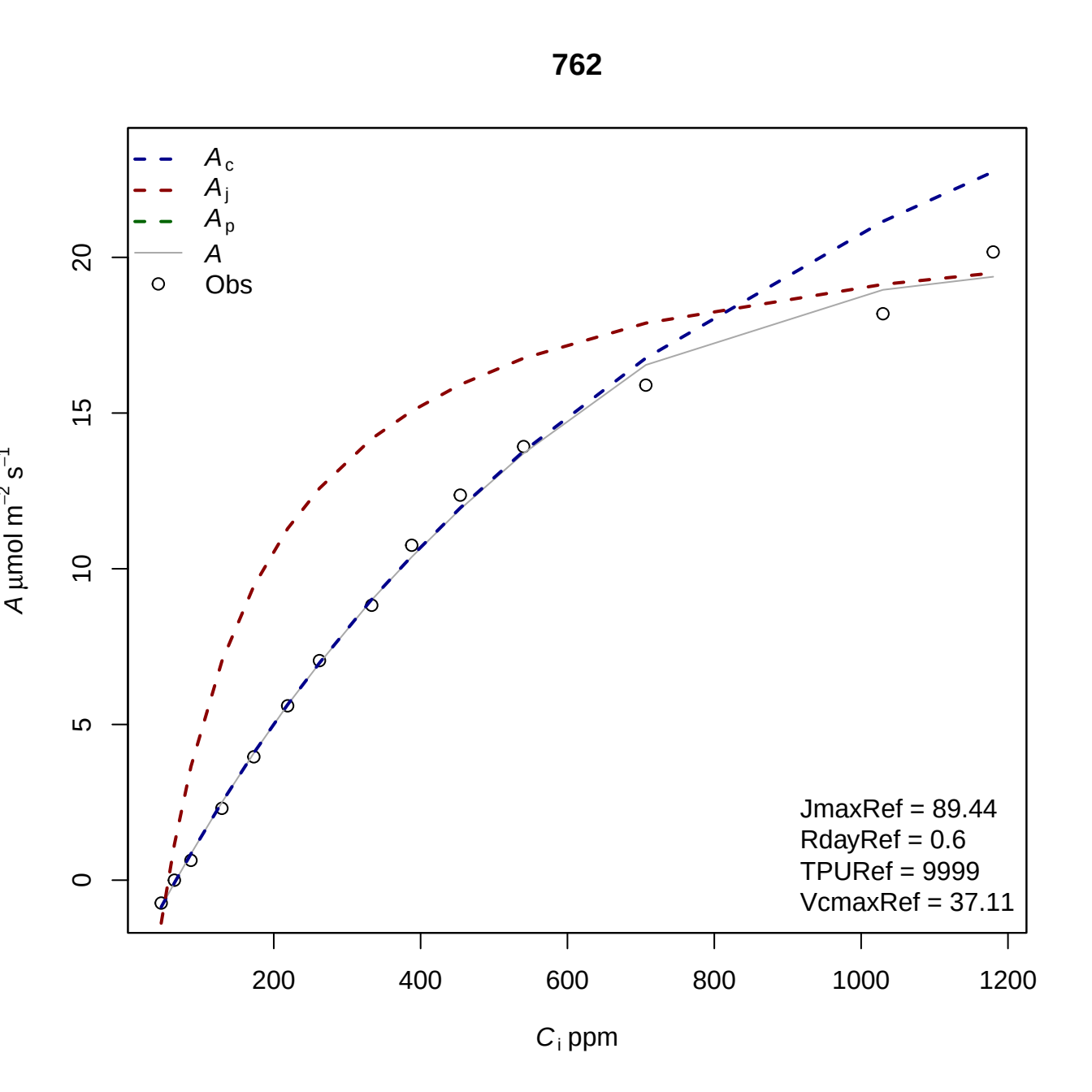

755
A_c
A_j
A_p
A
Obs
JmaxRef = 183.02
RdayRef = 1.19
TPURef = 11.42
VcmaxRef = 87.54
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000
1200
1400

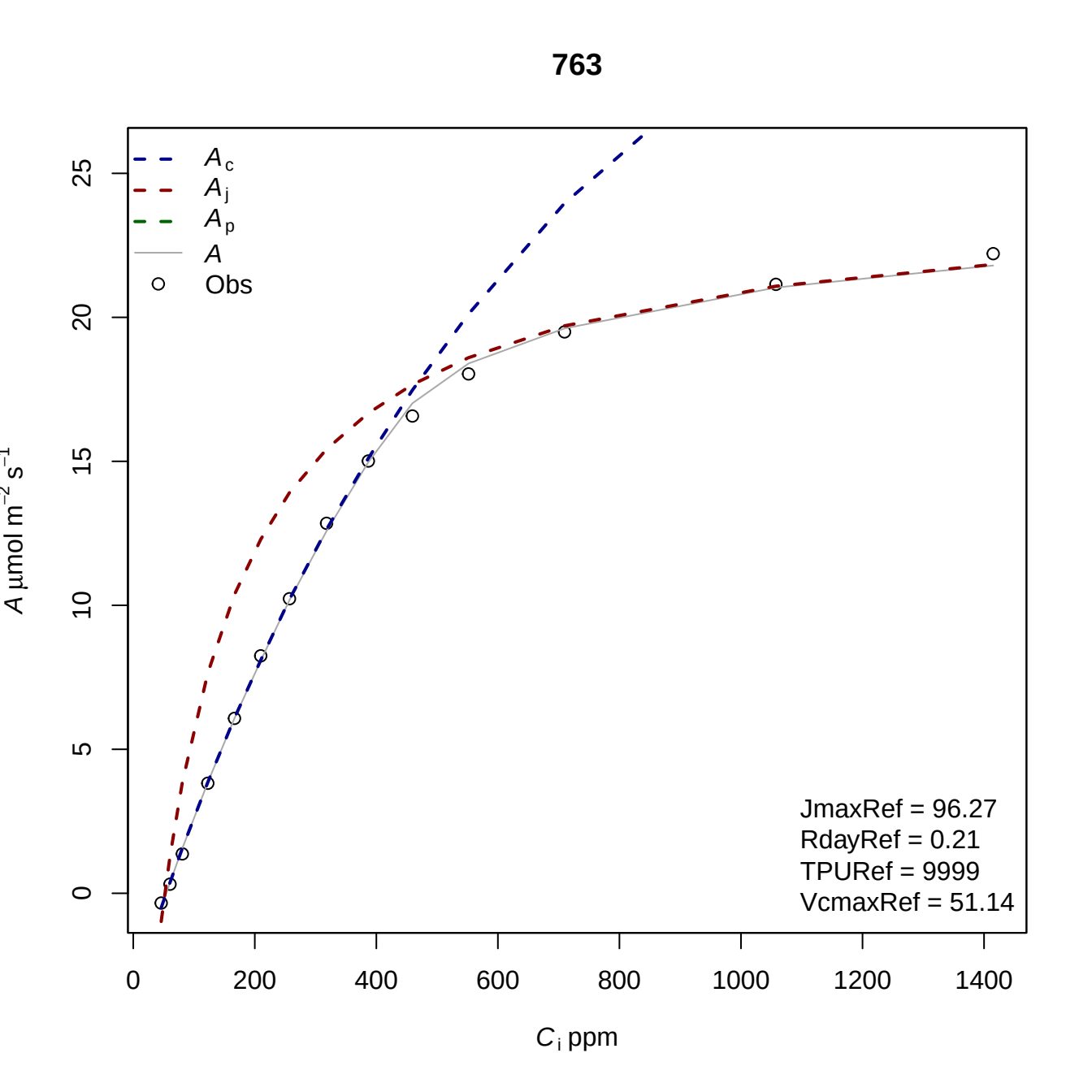

756
A_c
A_j
A_p
A
Obs
JmaxRef = 147.01
RdayRef = −8.62
TPURef = 5.81
VcmaxRef = 1955.97
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
30
35
50
100
150
200
250
300
350

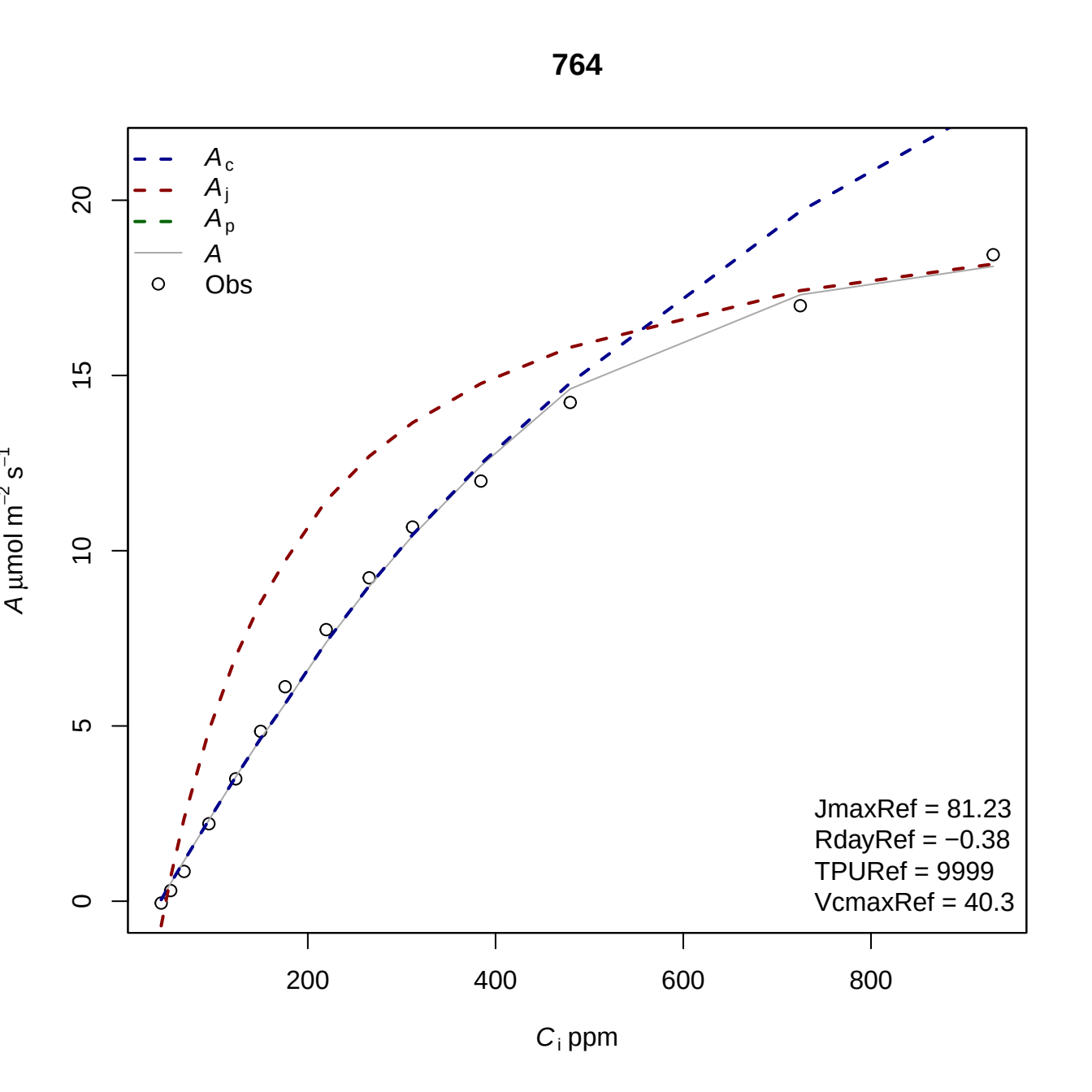

759
A_c
A_j
A_p
A
Obs
JmaxRef = 92.13
RdayRef = −6.53
TPURef = 5.62
VcmaxRef = 107.95
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
30
0
200
400
600
800
1000

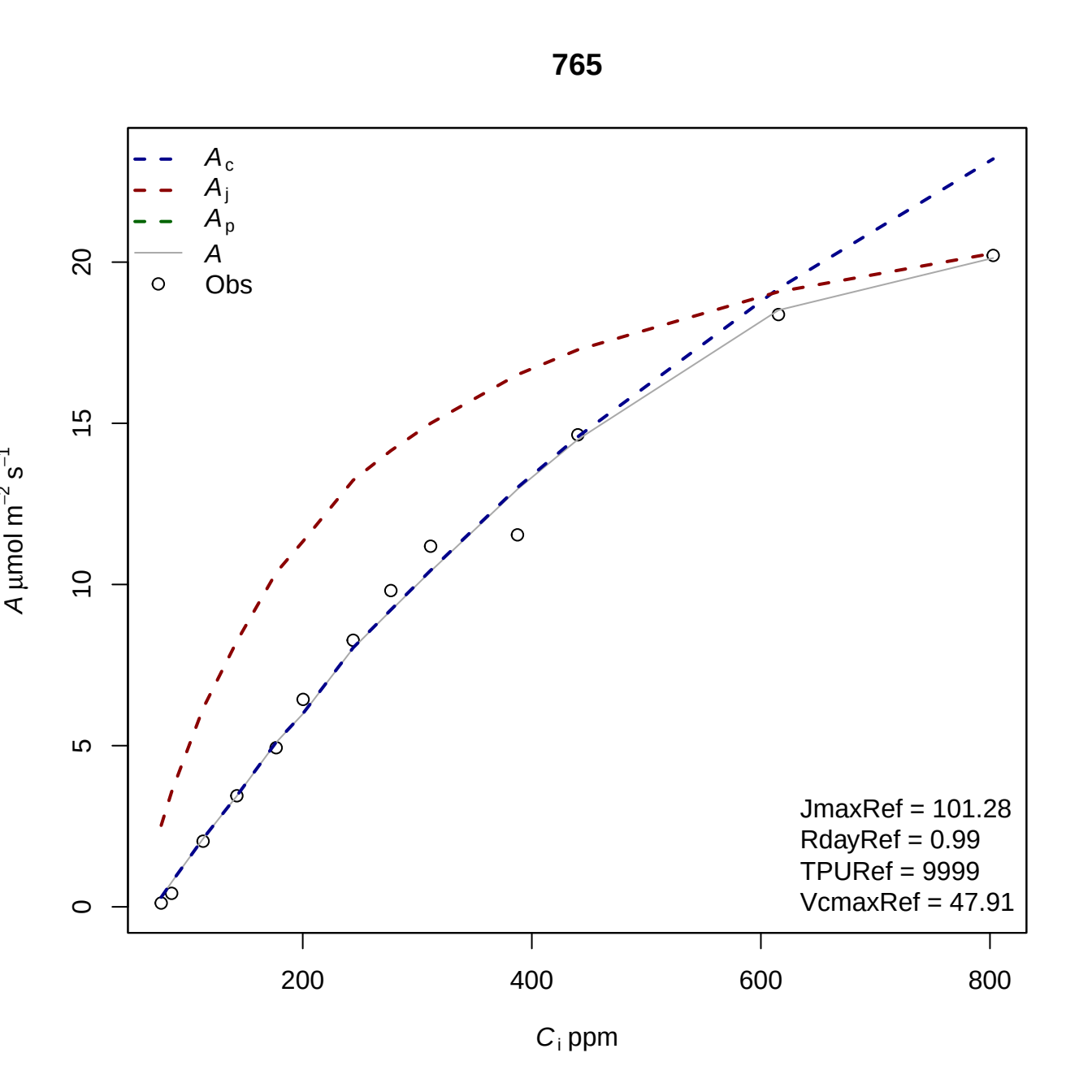

760
A_c
A_j
A_p
A
Obs
JmaxRef = 69.07
RdayRef = 0.52
TPURef = 9999
VcmaxRef = 35.04
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200

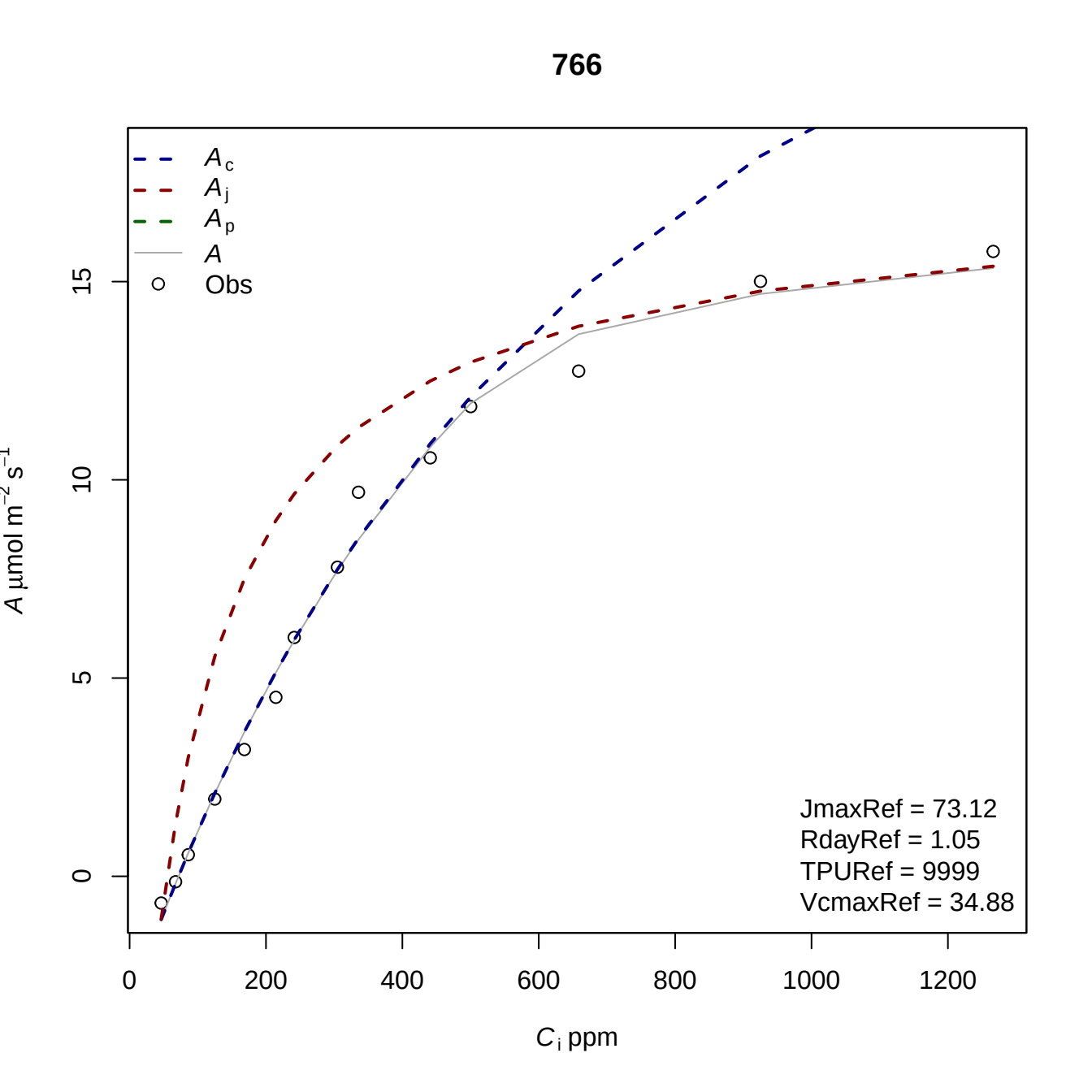

761
A_c
A_j
A_p
A
Obs
JmaxRef = 82.85
RdayRef = 1.06
TPURef = 9999
VcmaxRef = 59.49
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

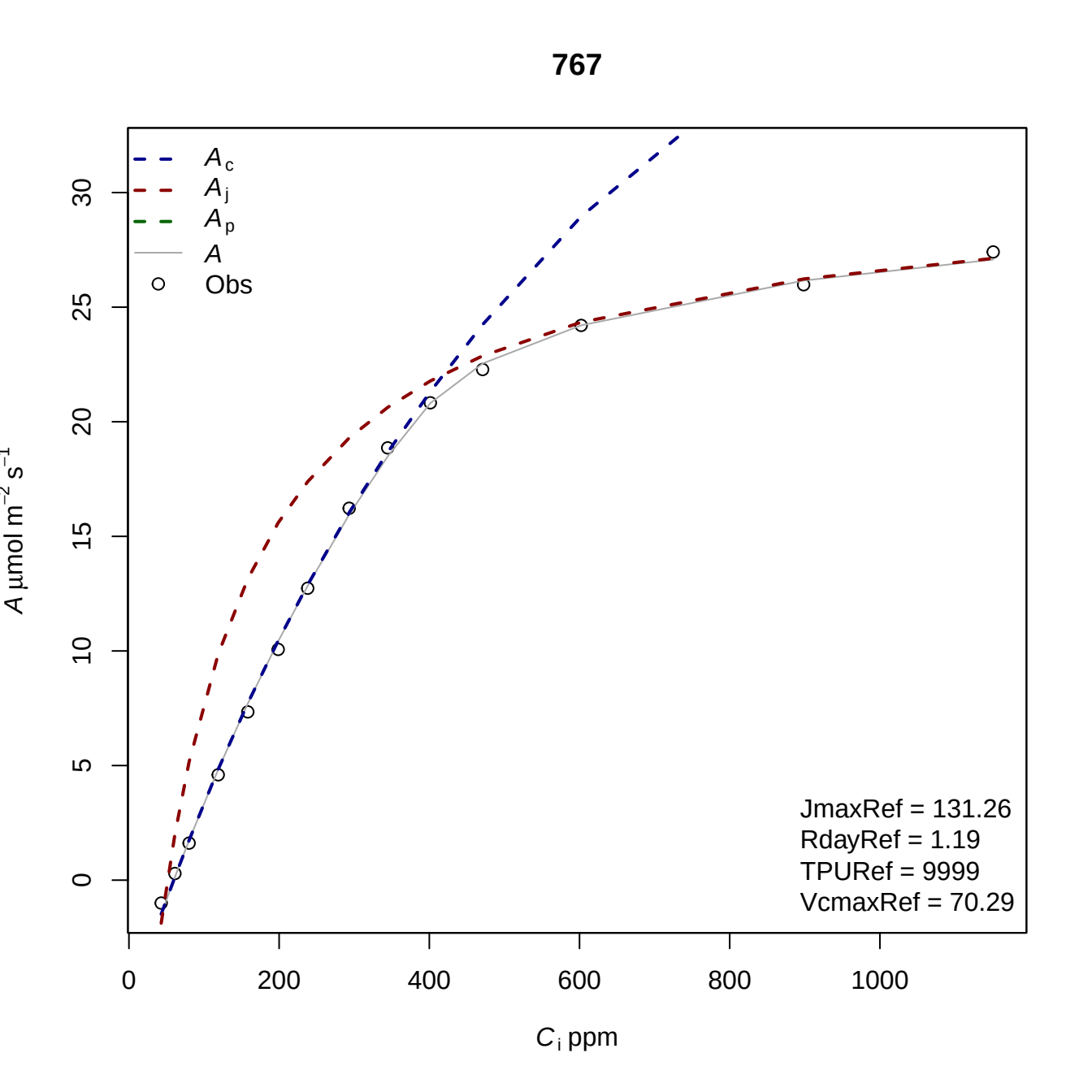

762
A_c
A_j
A_p
A
Obs
JmaxRef = 89.44
RdayRef = 0.6
TPURef = 9999
VcmaxRef = 37.11
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

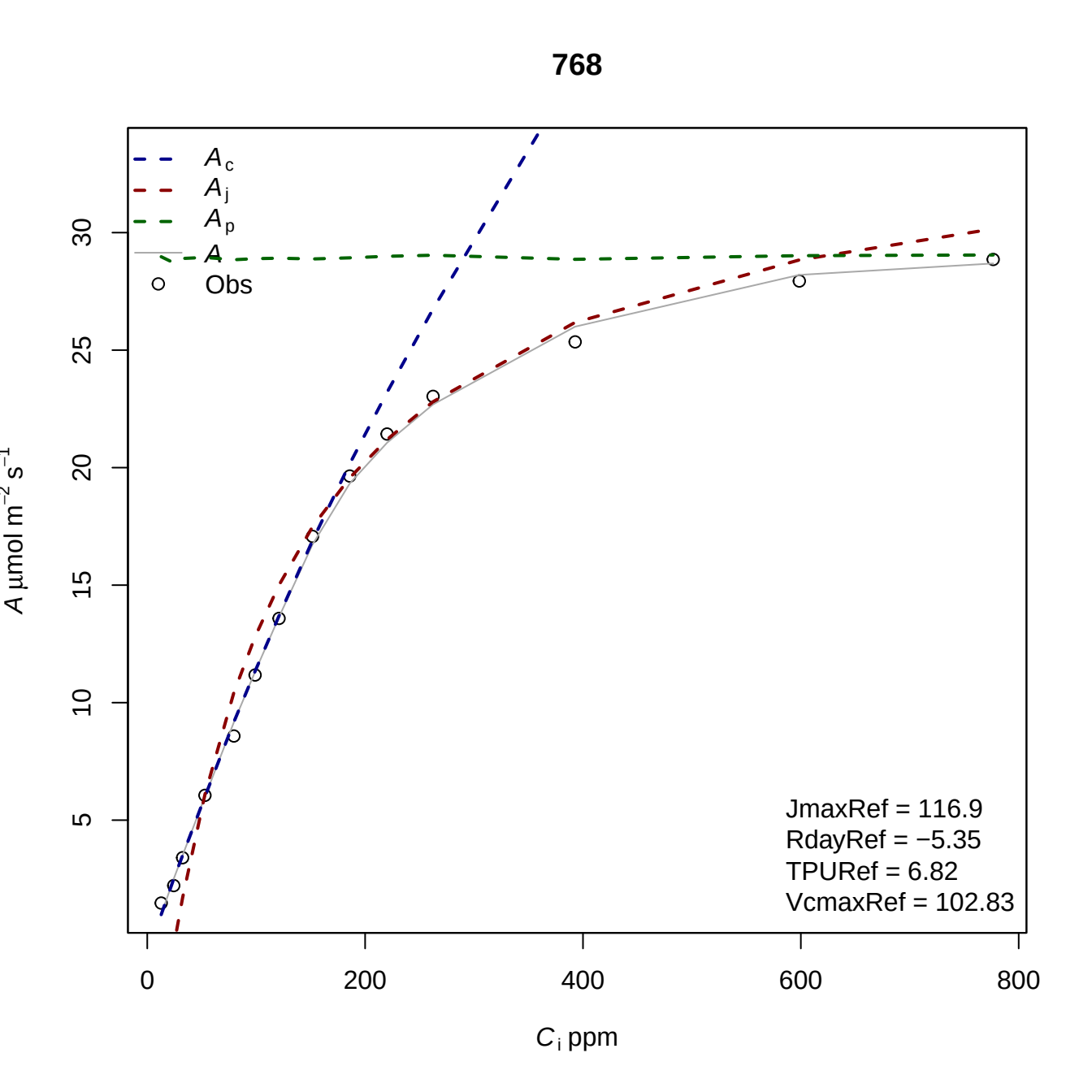

763
A_c
A_j
A_p
A
Obs
JmaxRef = 96.27
RdayRef = 0.21
TPURef = 9999
VcmaxRef = 51.14
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

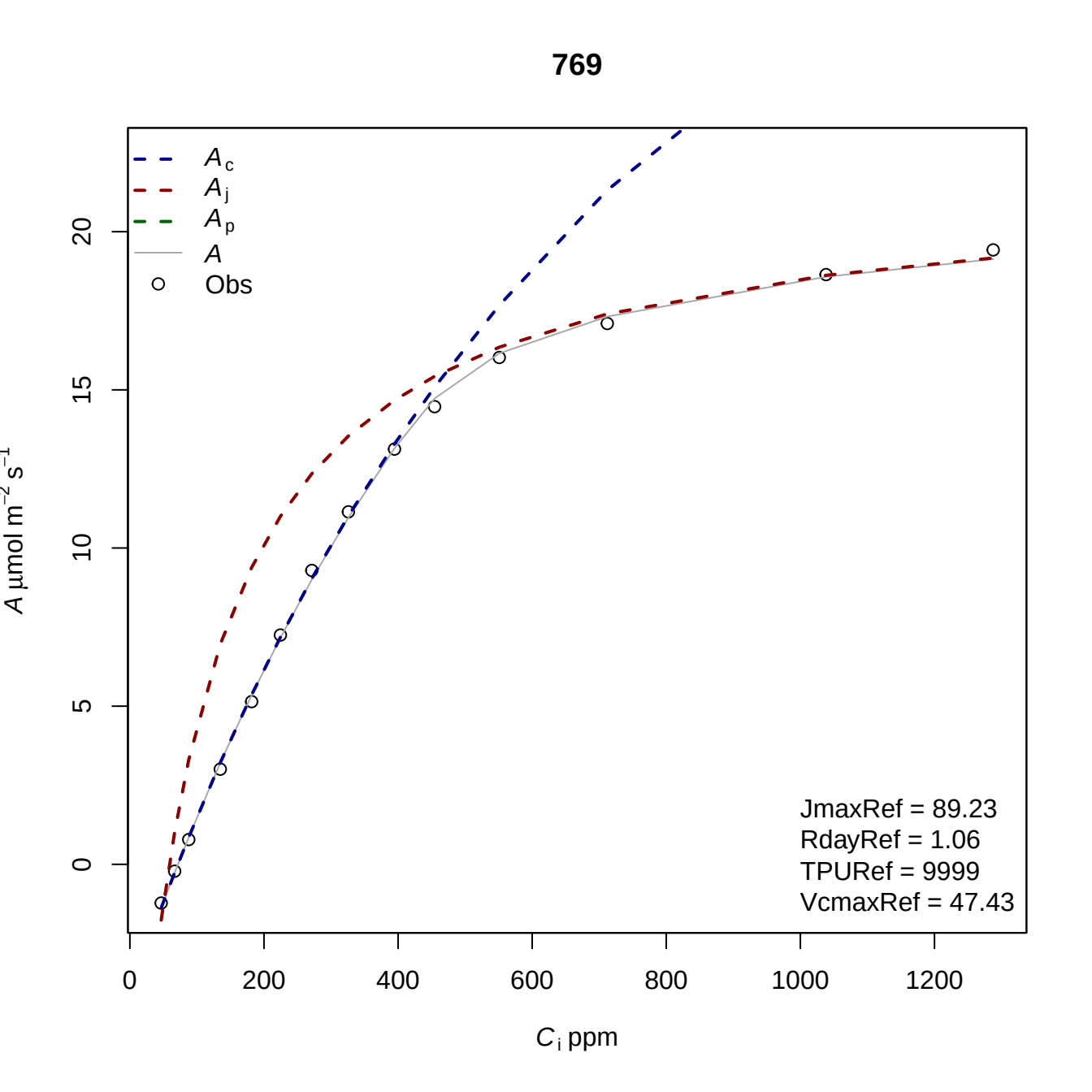

764
A_c
A_j
A_p
A
Obs
JmaxRef = 81.23
RdayRef = −0.38
TPURef = 9999
VcmaxRef = 40.3
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800

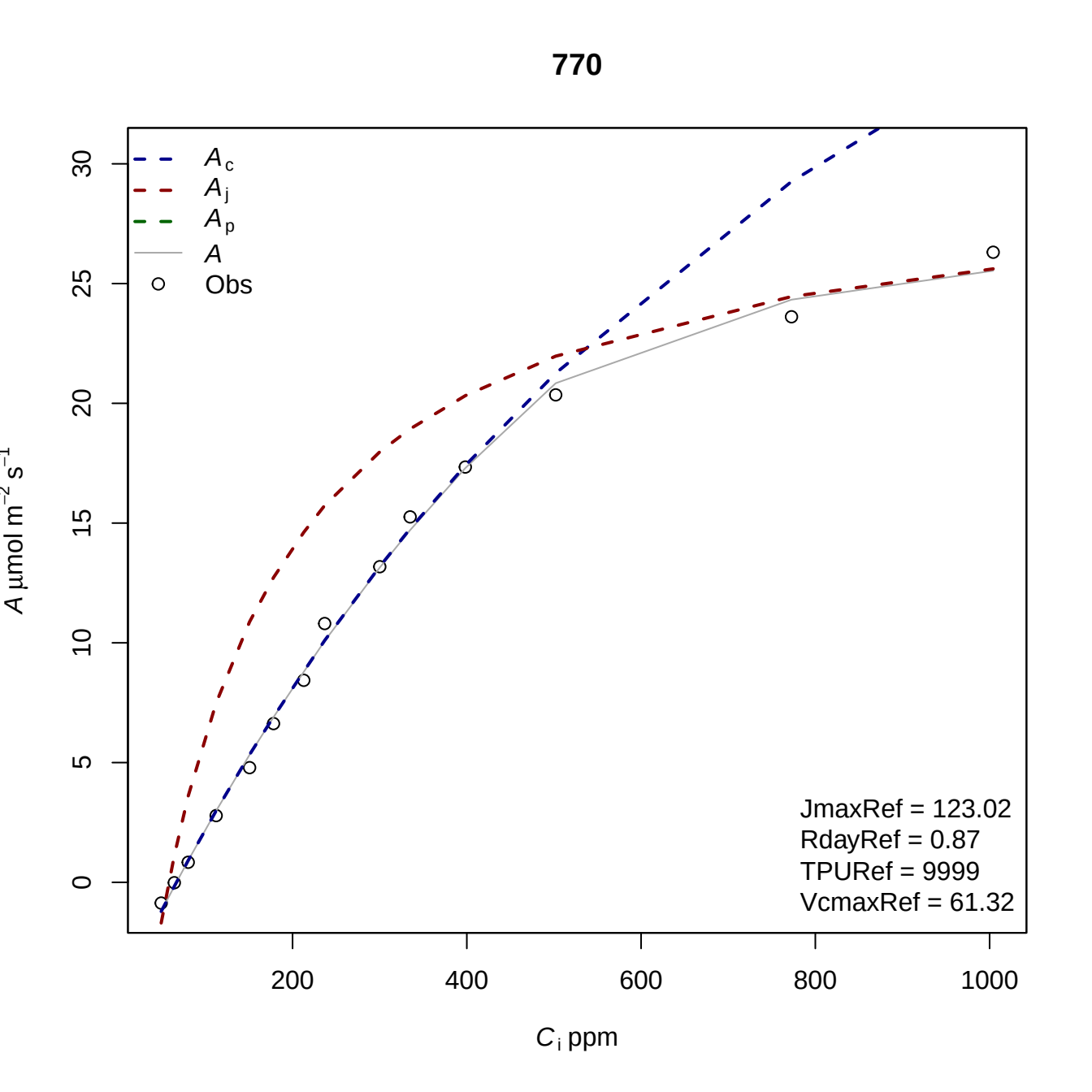

765
A_c
A_j
A_p
A
Obs
JmaxRef = 101.28
RdayRef = 0.99
TPURef = 9999
VcmaxRef = 47.91
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800

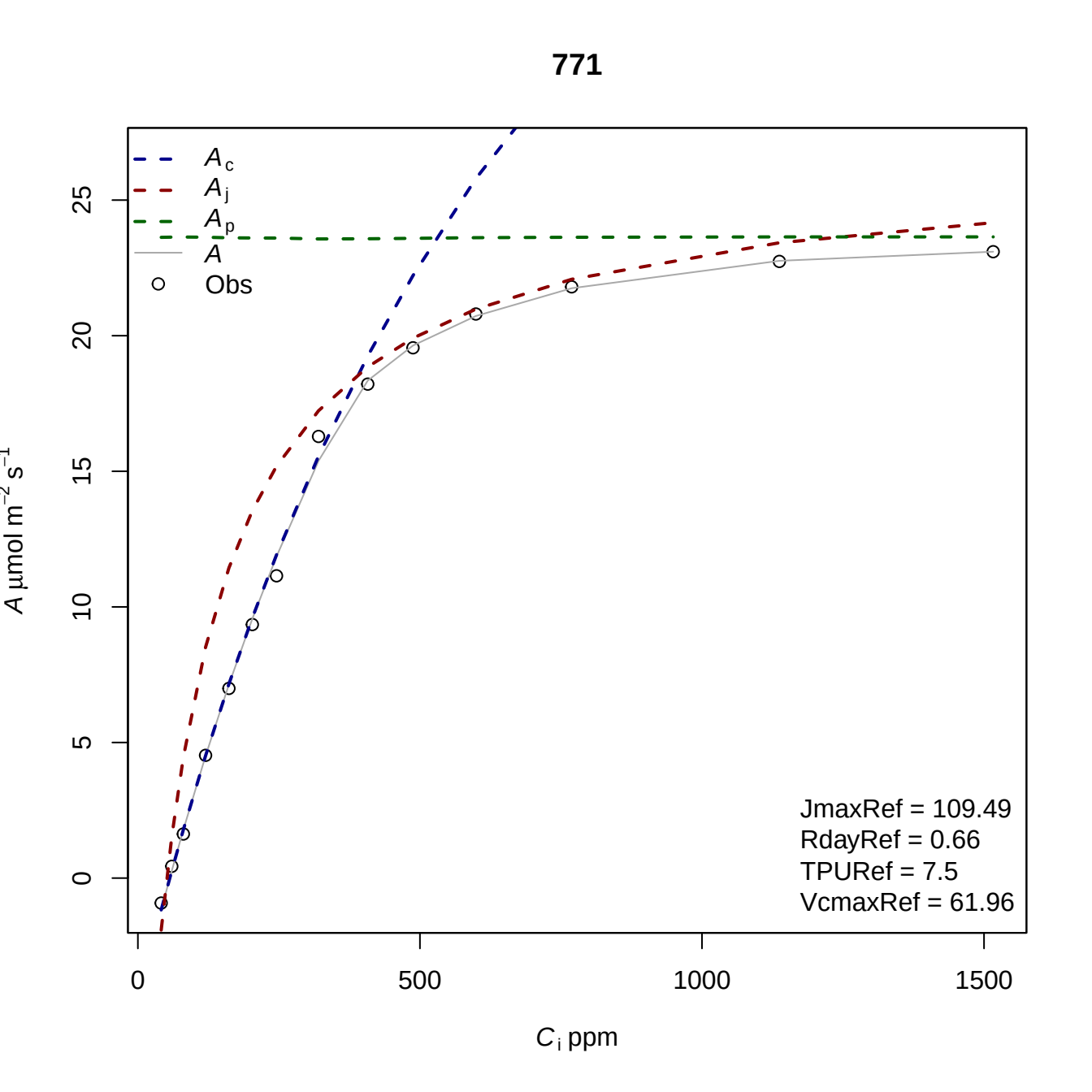

766
A_c
A_j
A_p
A
Obs
JmaxRef = 73.12
RdayRef = 1.05
TPURef = 9999
VcmaxRef = 34.88
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200

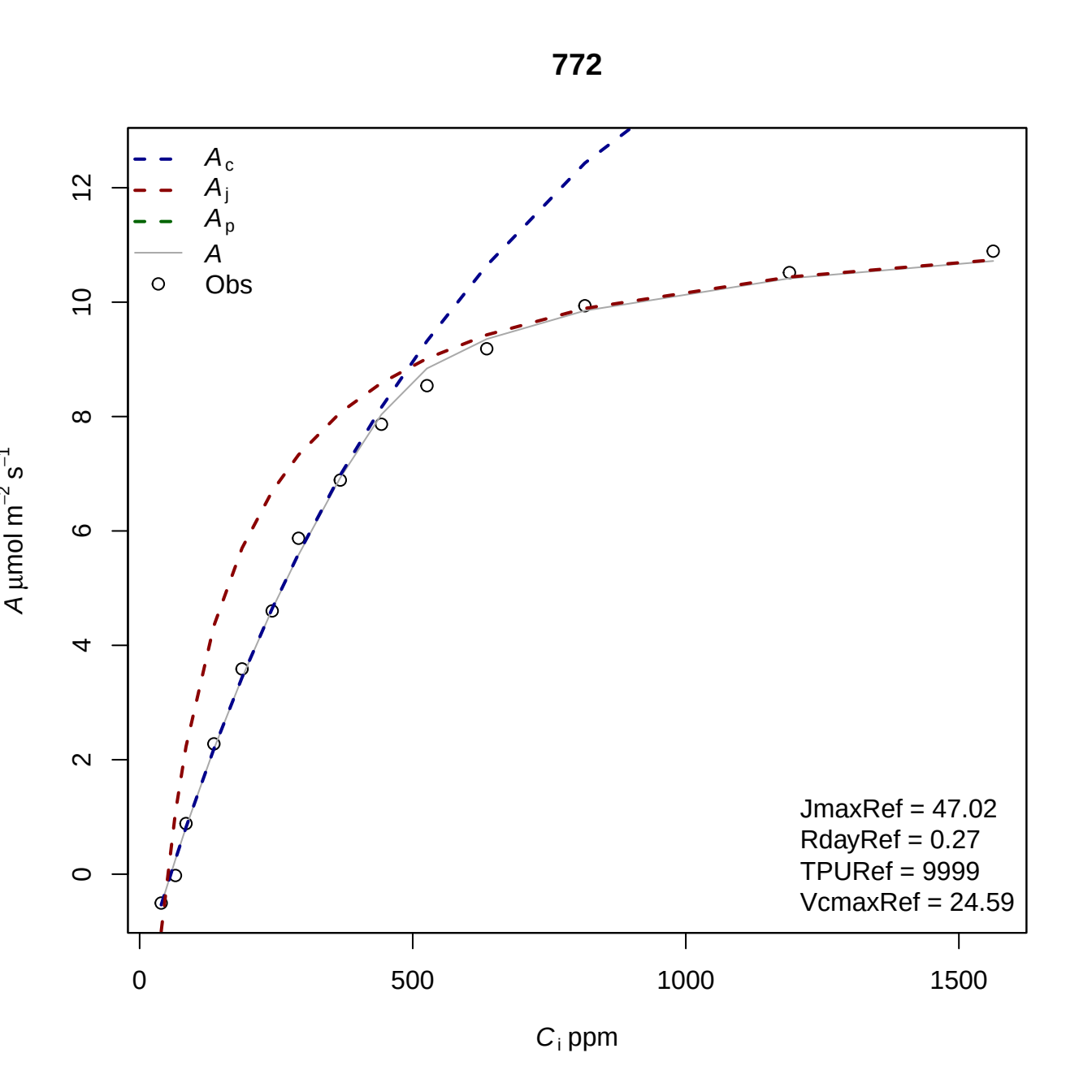

767
A_c
A_j
A_p
A
Obs
JmaxRef = 131.26
RdayRef = 1.19
TPURef = 9999
VcmaxRef = 70.29
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000

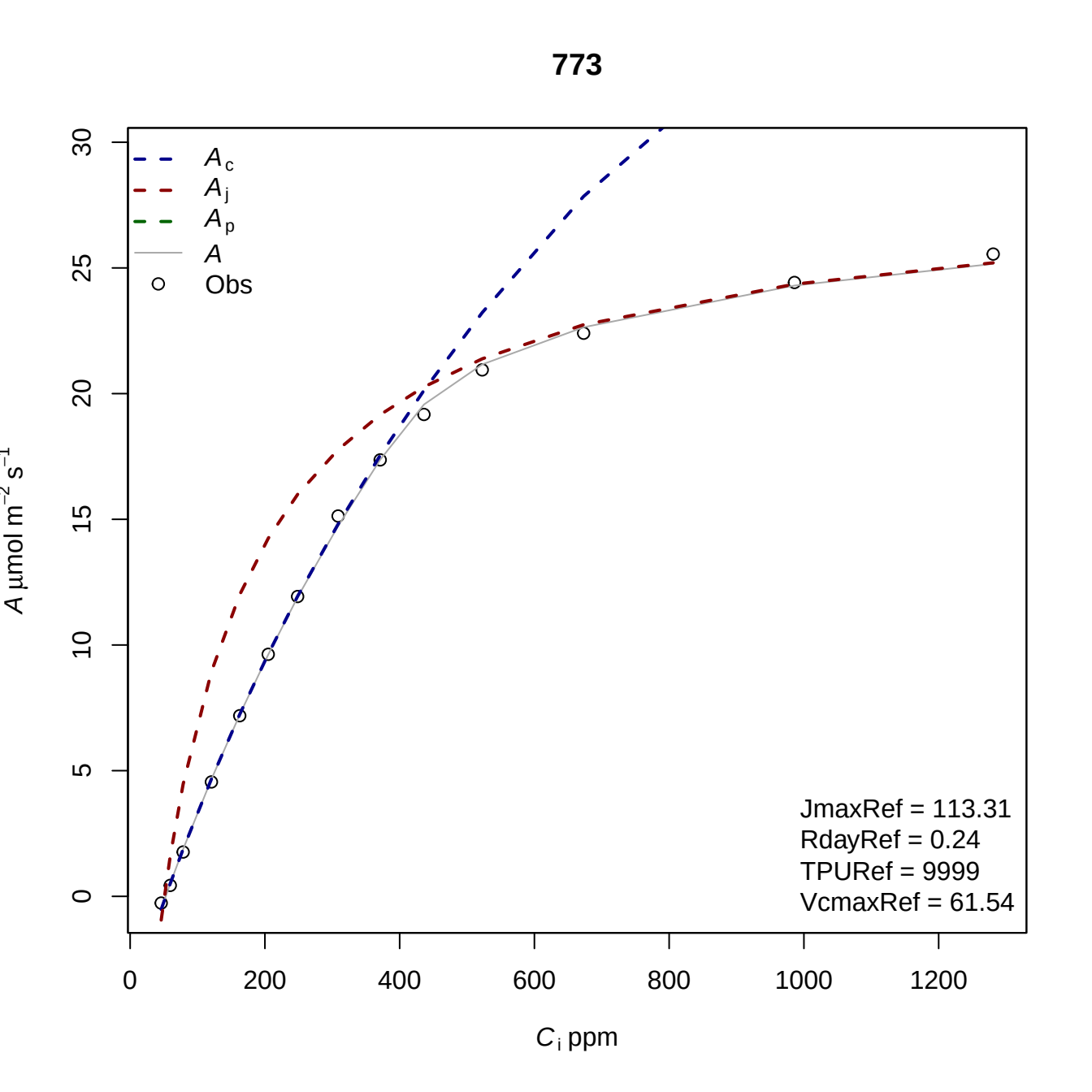

768
A_c
A_j
A_p
A
Obs
JmaxRef = 116.9
RdayRef = −5.35
TPURef = 6.82
VcmaxRef = 102.83
A µmol m^{-2} s^{-1}
C_i ppm
0
200
400
600
800
5
10
15
20
25
30

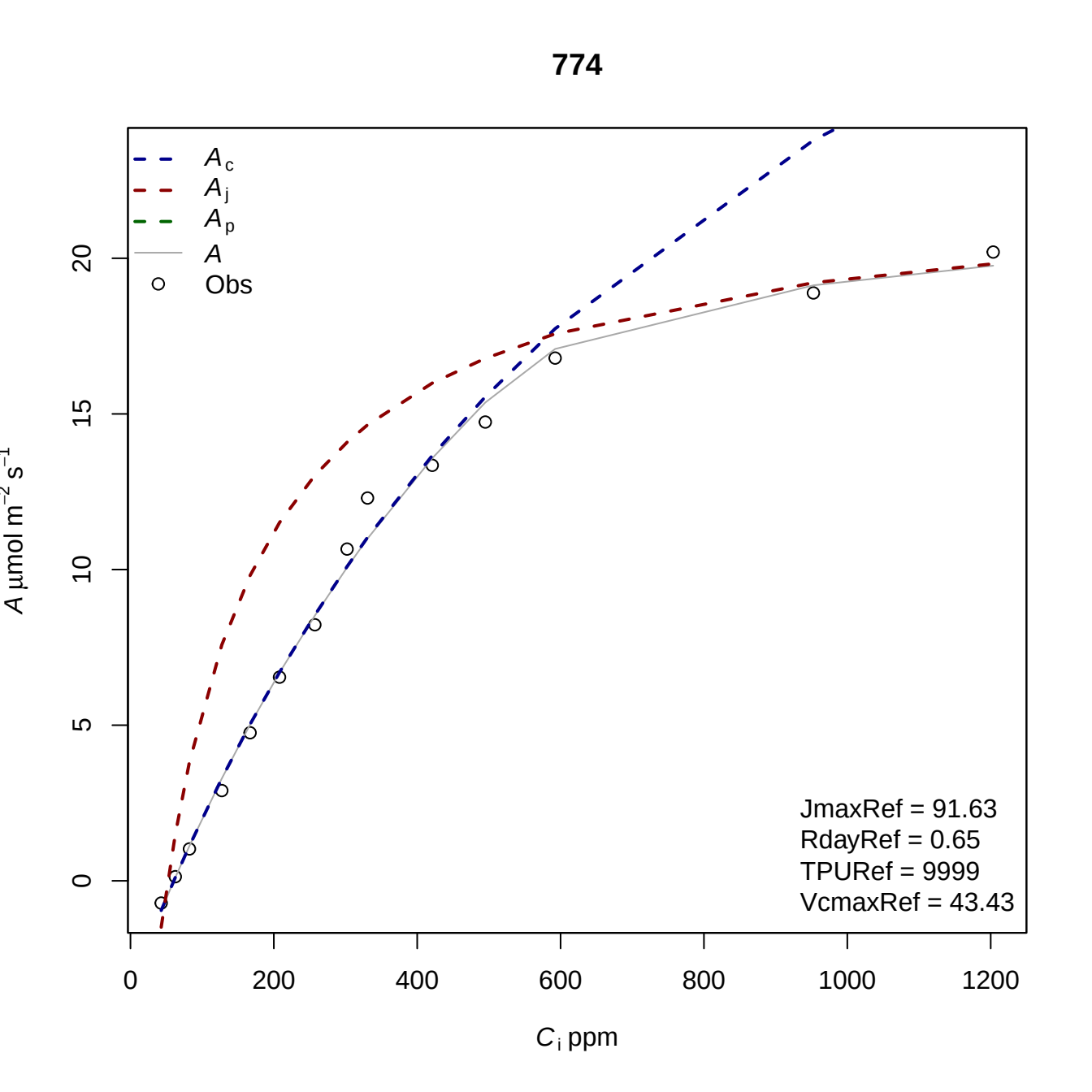

769
A_c
A_j
A_p
A
Obs
JmaxRef = 89.23
RdayRef = 1.06
TPURef = 9999
VcmaxRef = 47.43
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

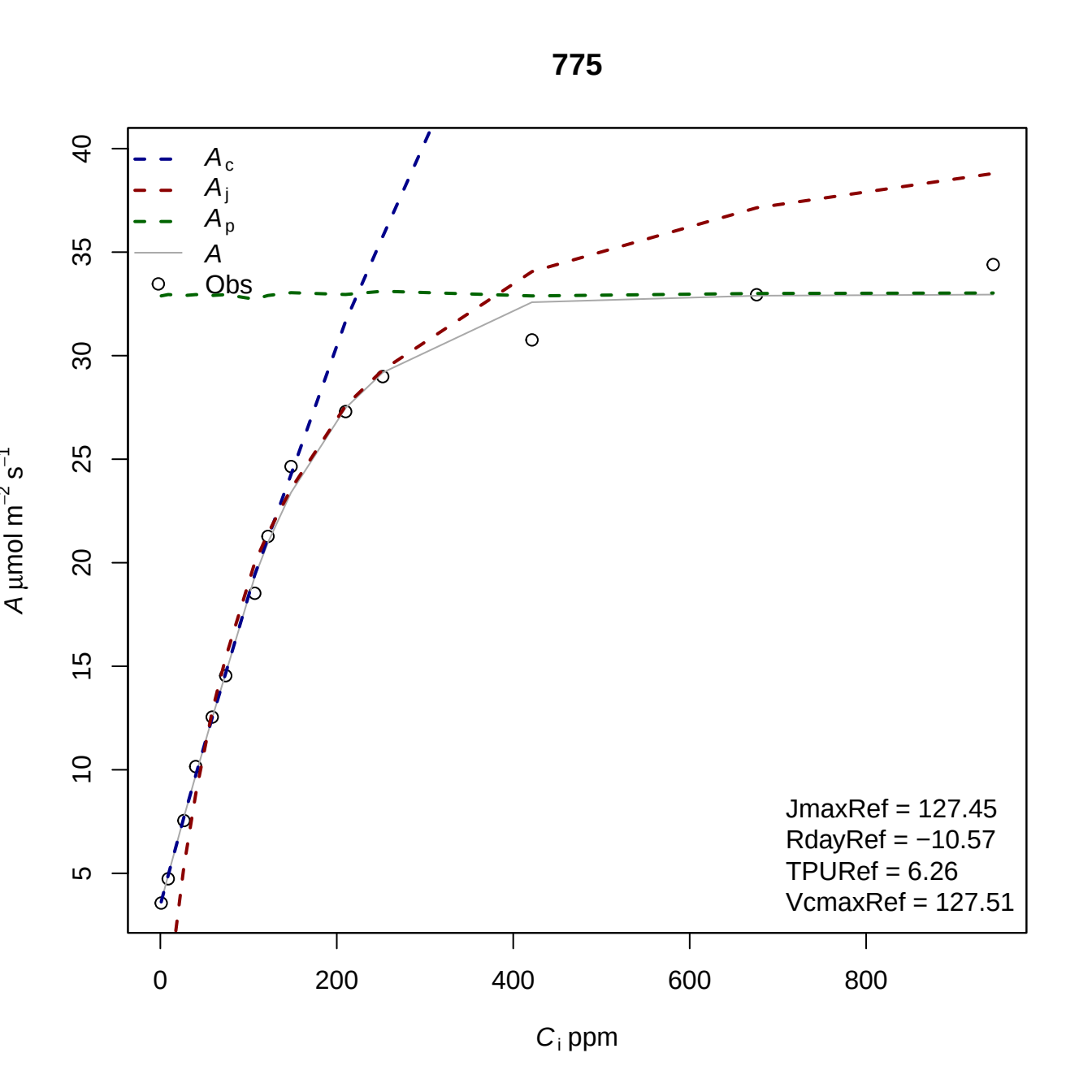

770
A_c
A_j
A_p
A
Obs
JmaxRef = 123.02
RdayRef = 0.87
TPURef = 9999
VcmaxRef = 61.32
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000

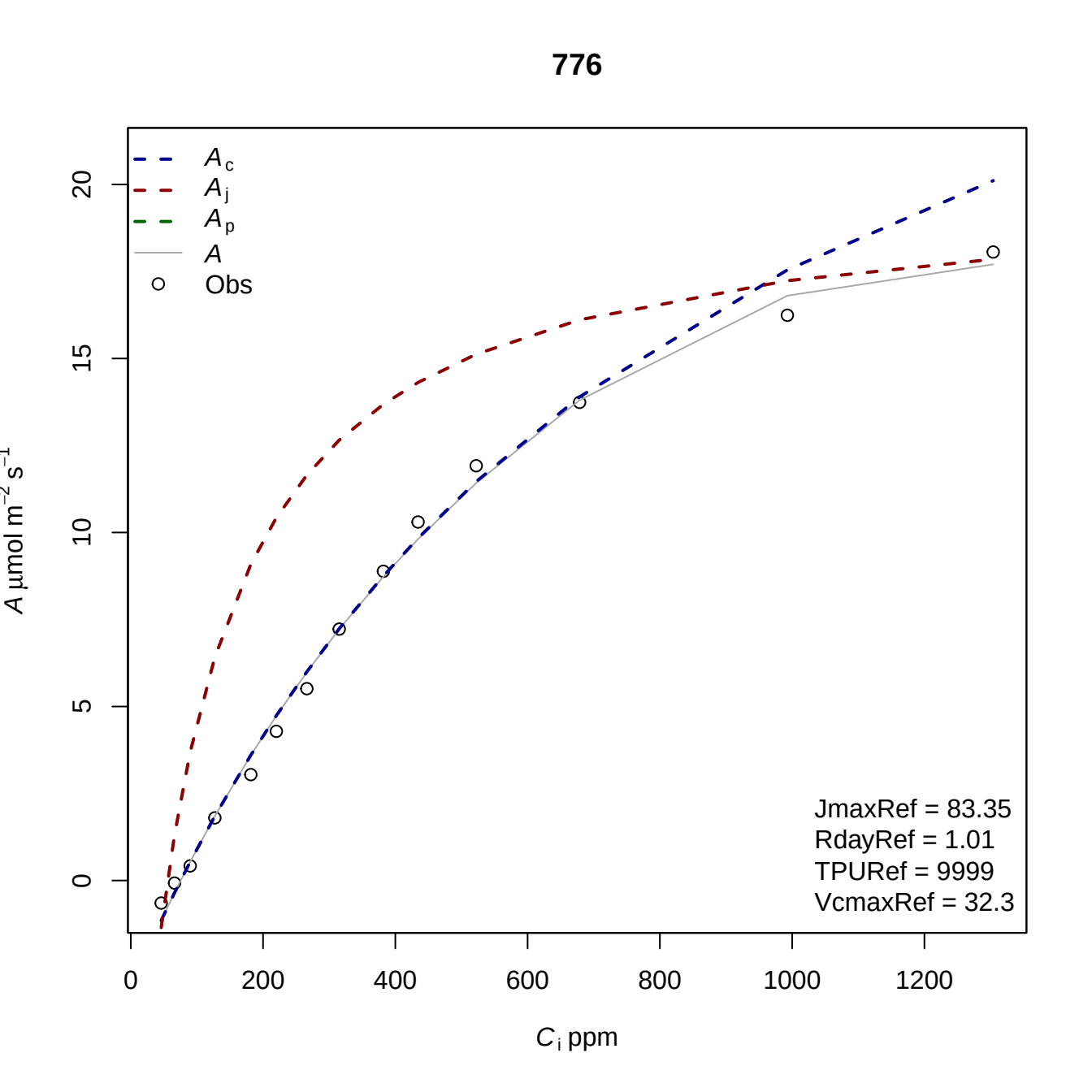

771
A_c
A_j
A_p
A
Obs
JmaxRef = 109.49
RdayRef = 0.66
TPURef = 7.5
VcmaxRef = 61.96
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

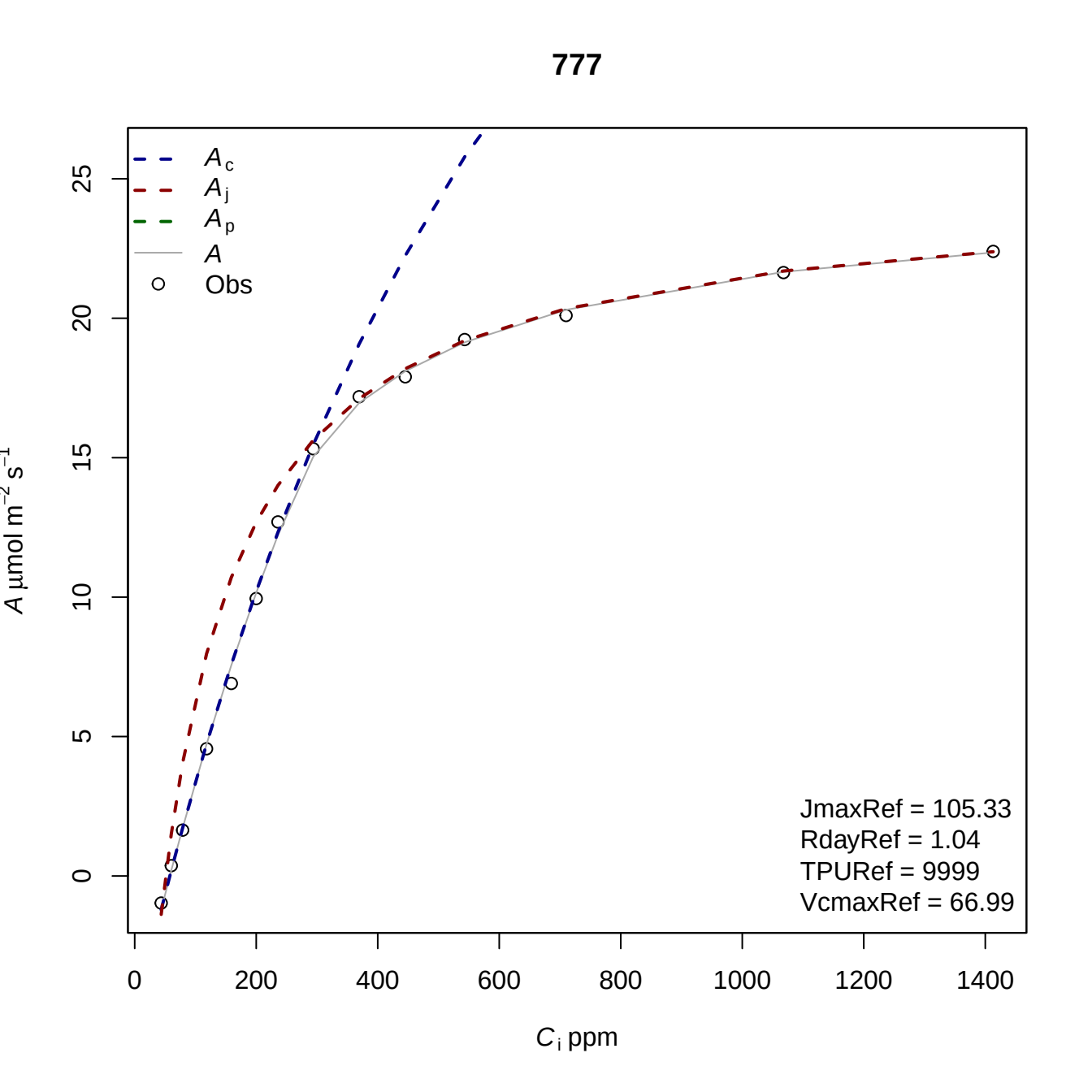

772
A_c
A_j
A_p
A
Obs
JmaxRef = 47.02
RdayRef = 0.27
TPURef = 9999
VcmaxRef = 24.59
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
0
500
1000
1500

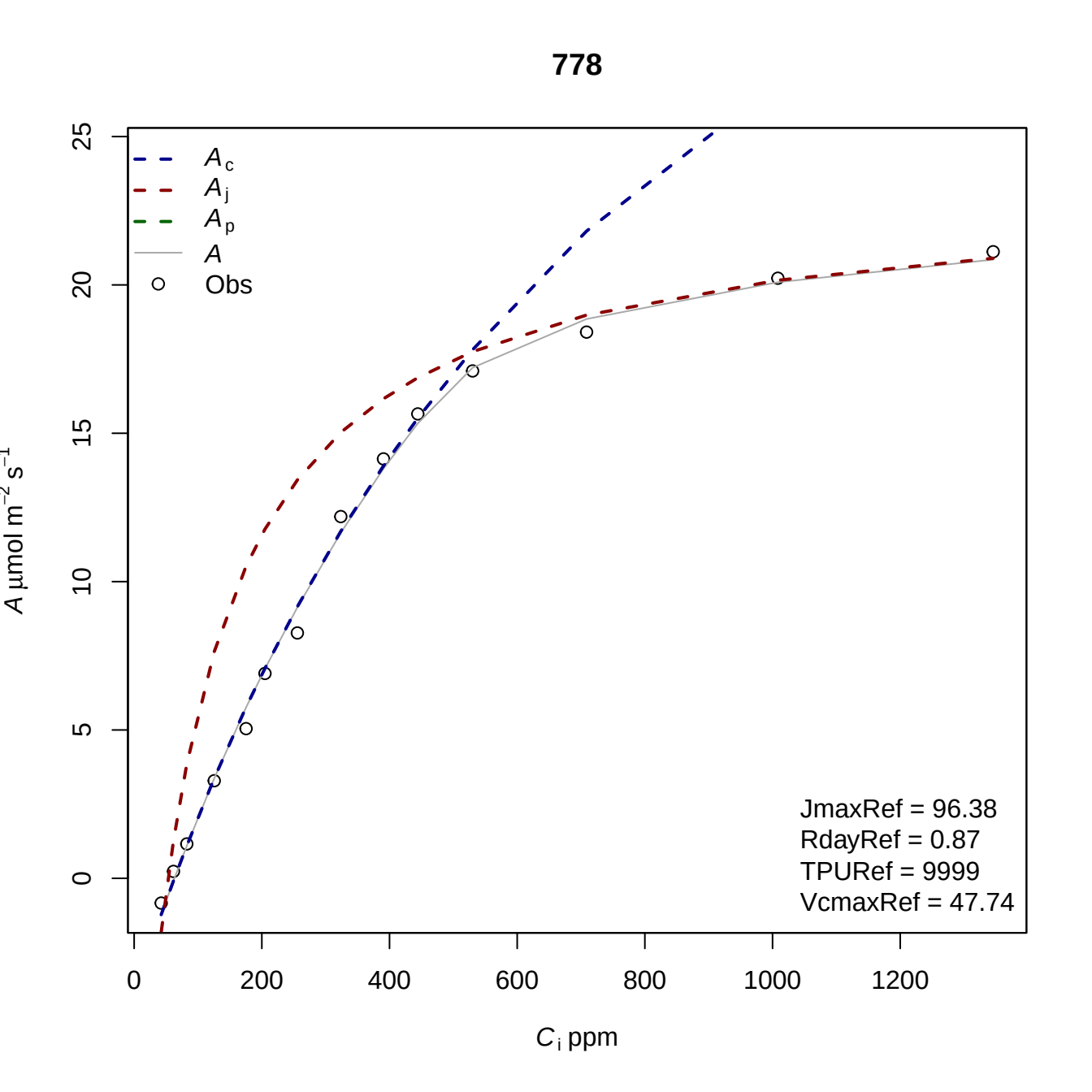

773
A_c
A_j
A_p
A
Obs
JmaxRef = 113.31
RdayRef = 0.24
TPURef = 9999
VcmaxRef = 61.54
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

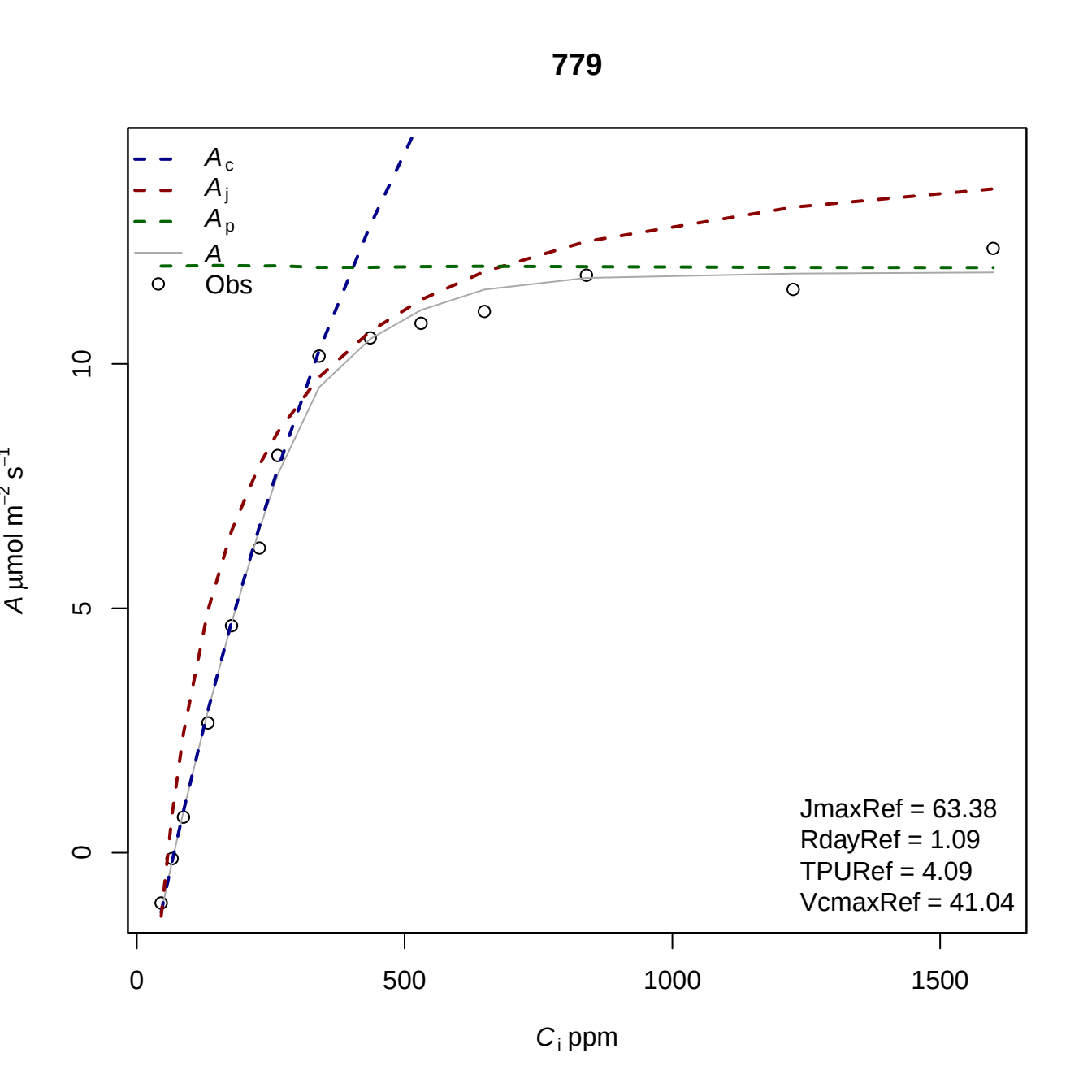

774
A_c
A_j
A_p
A
Obs
JmaxRef = 91.63
RdayRef = 0.65
TPURef = 9999
VcmaxRef = 43.43
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

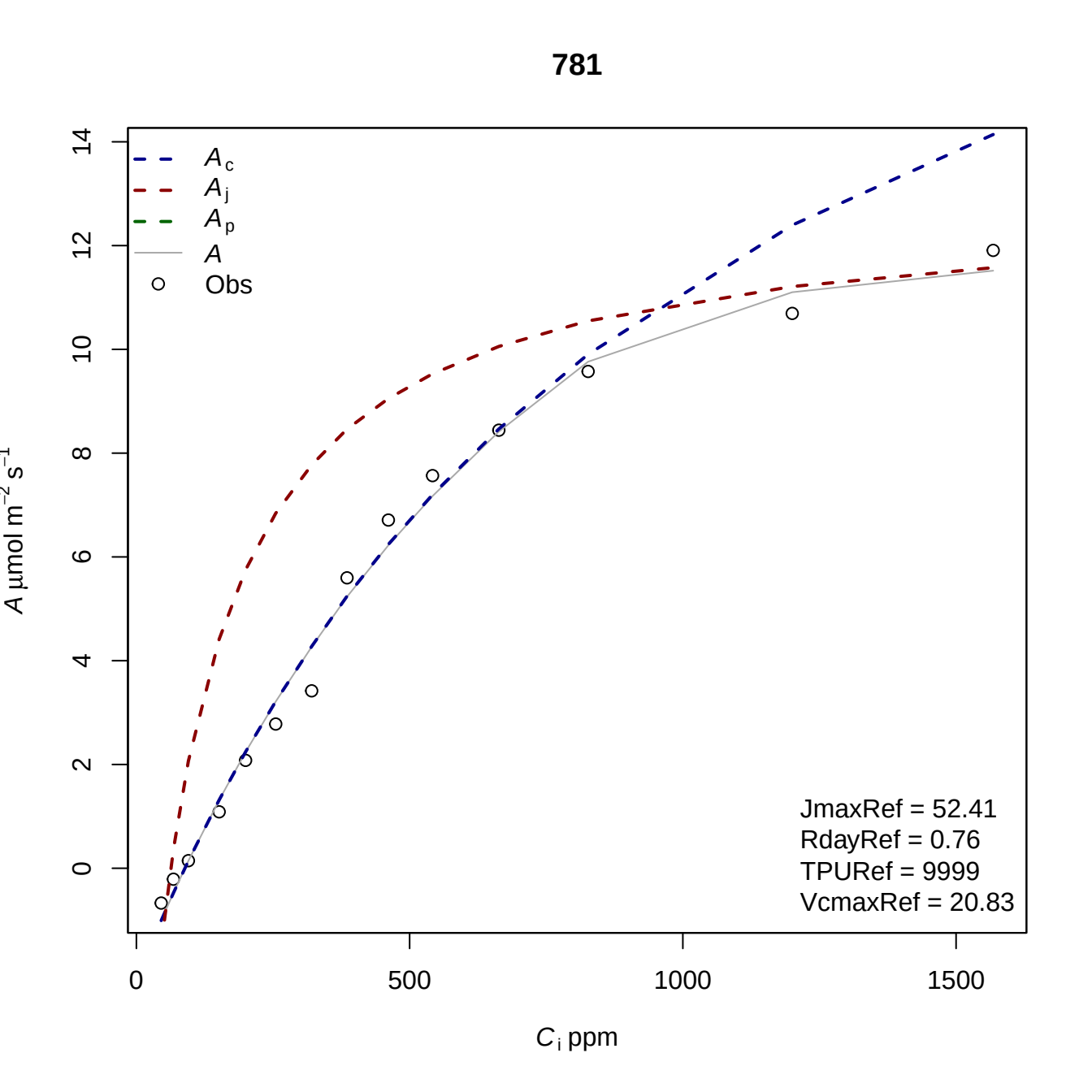

775
A_c
A_j
A_p
A
Obs
JmaxRef = 127.45
RdayRef = −10.57
TPURef = 6.26
VcmaxRef = 127.51
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
30
35
40
0
200
400
600
800

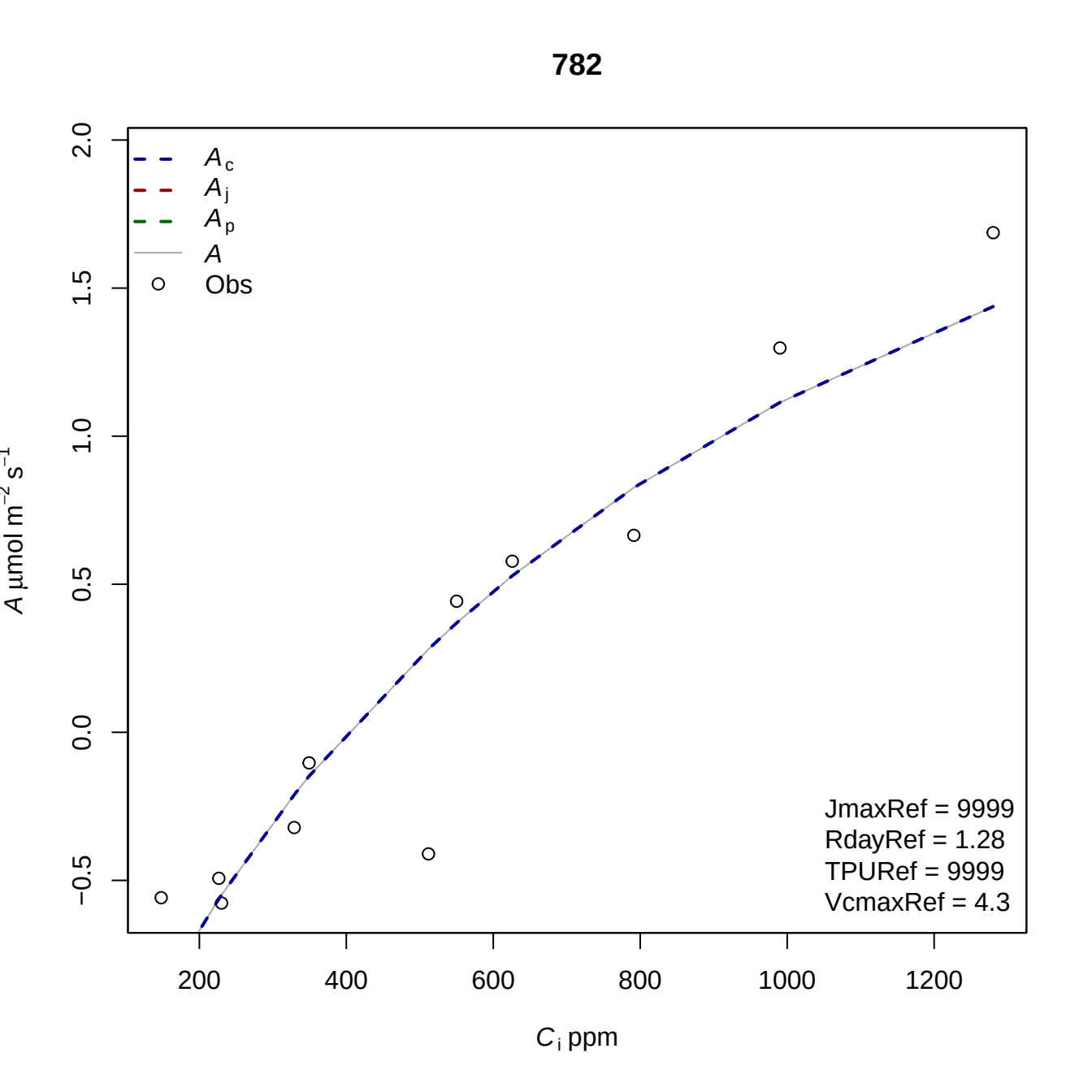

776
A_c
A_j
A_p
A
Obs
JmaxRef = 83.35
RdayRef = 1.01
TPURef = 9999
VcmaxRef = 32.3
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

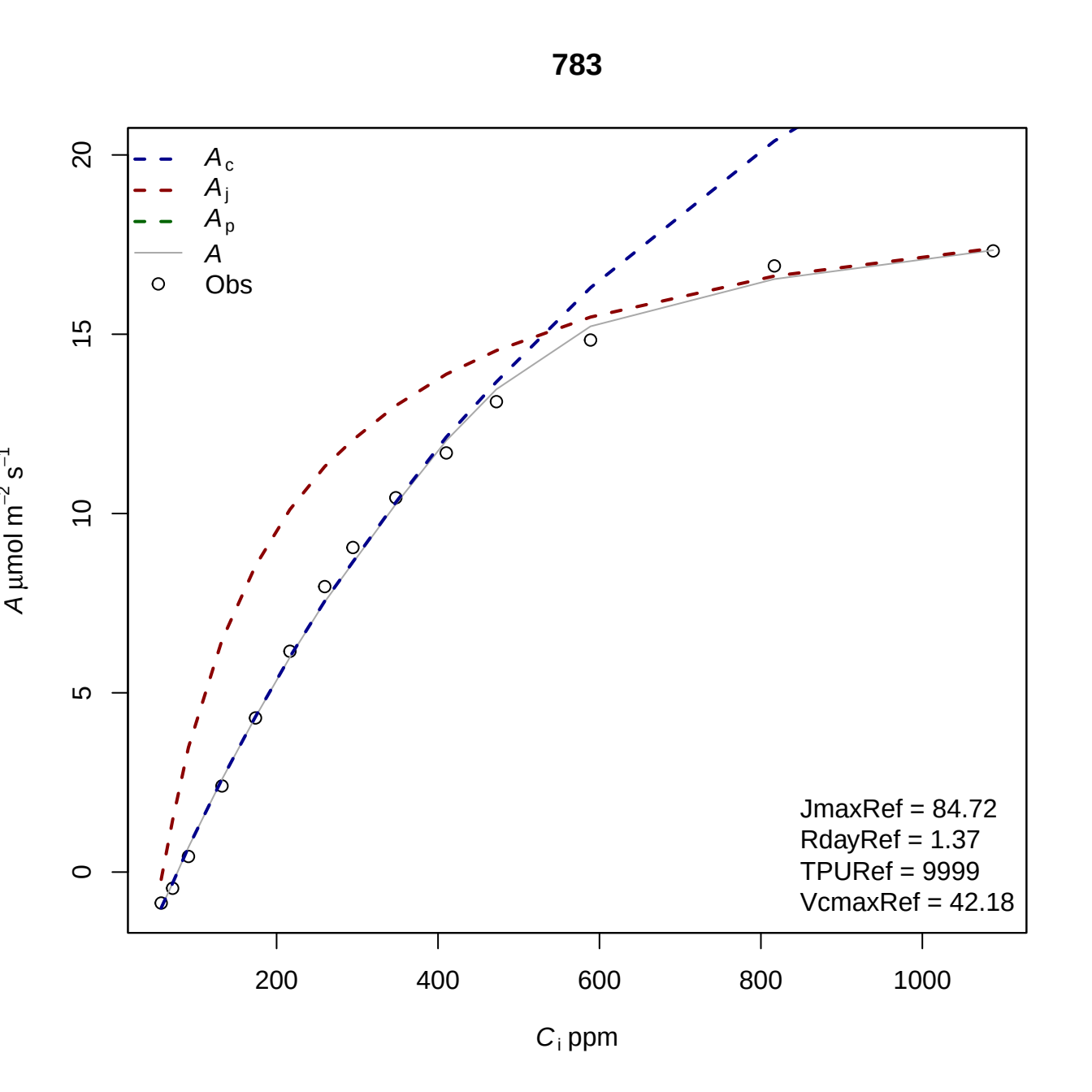

777
A_c
A_j
A_p
A
Obs
JmaxRef = 105.33
RdayRef = 1.04
TPURef = 9999
VcmaxRef = 66.99
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

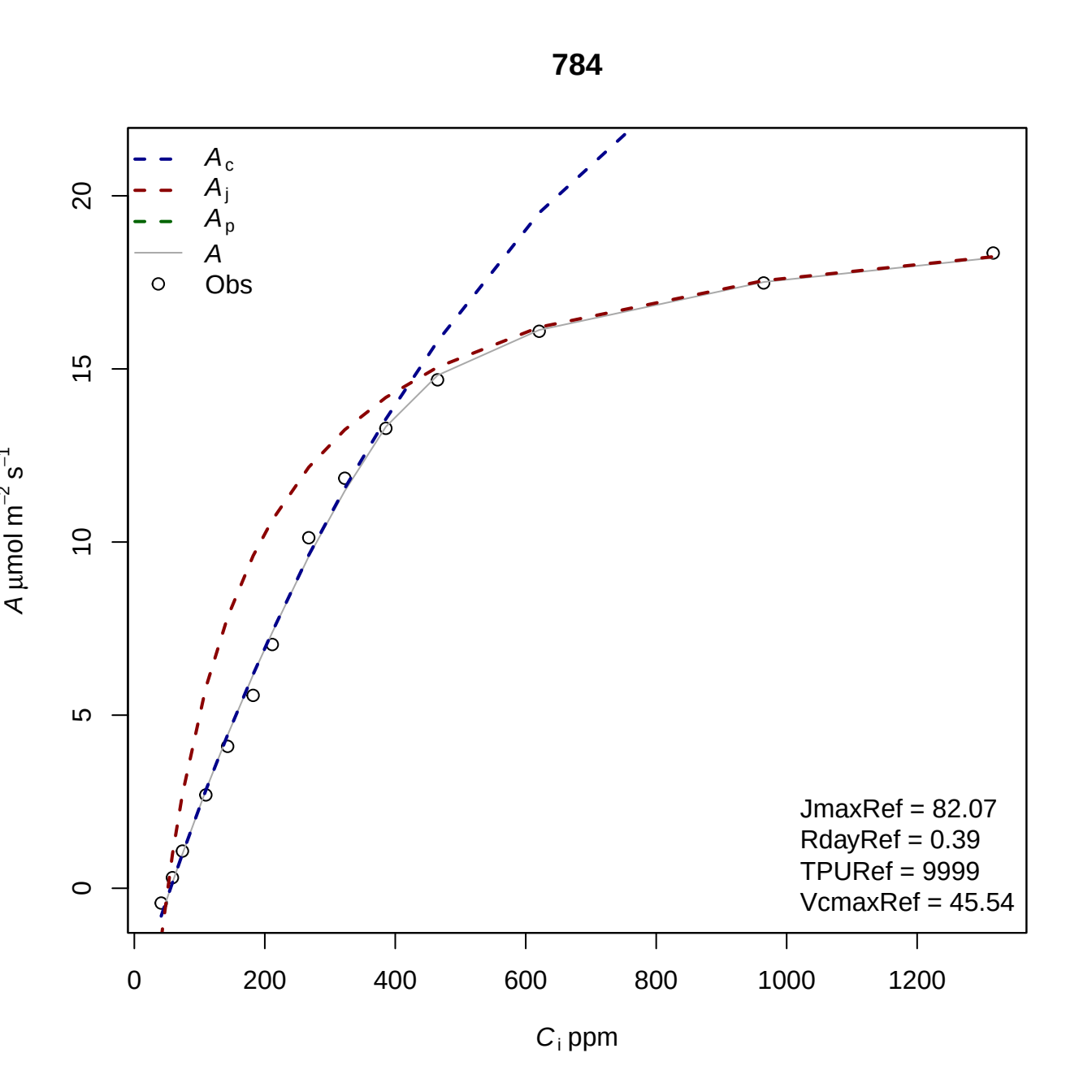

778
A_c
A_j
A_p
A
Obs
JmaxRef = 96.38
RdayRef = 0.87
TPURef = 9999
VcmaxRef = 47.74
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

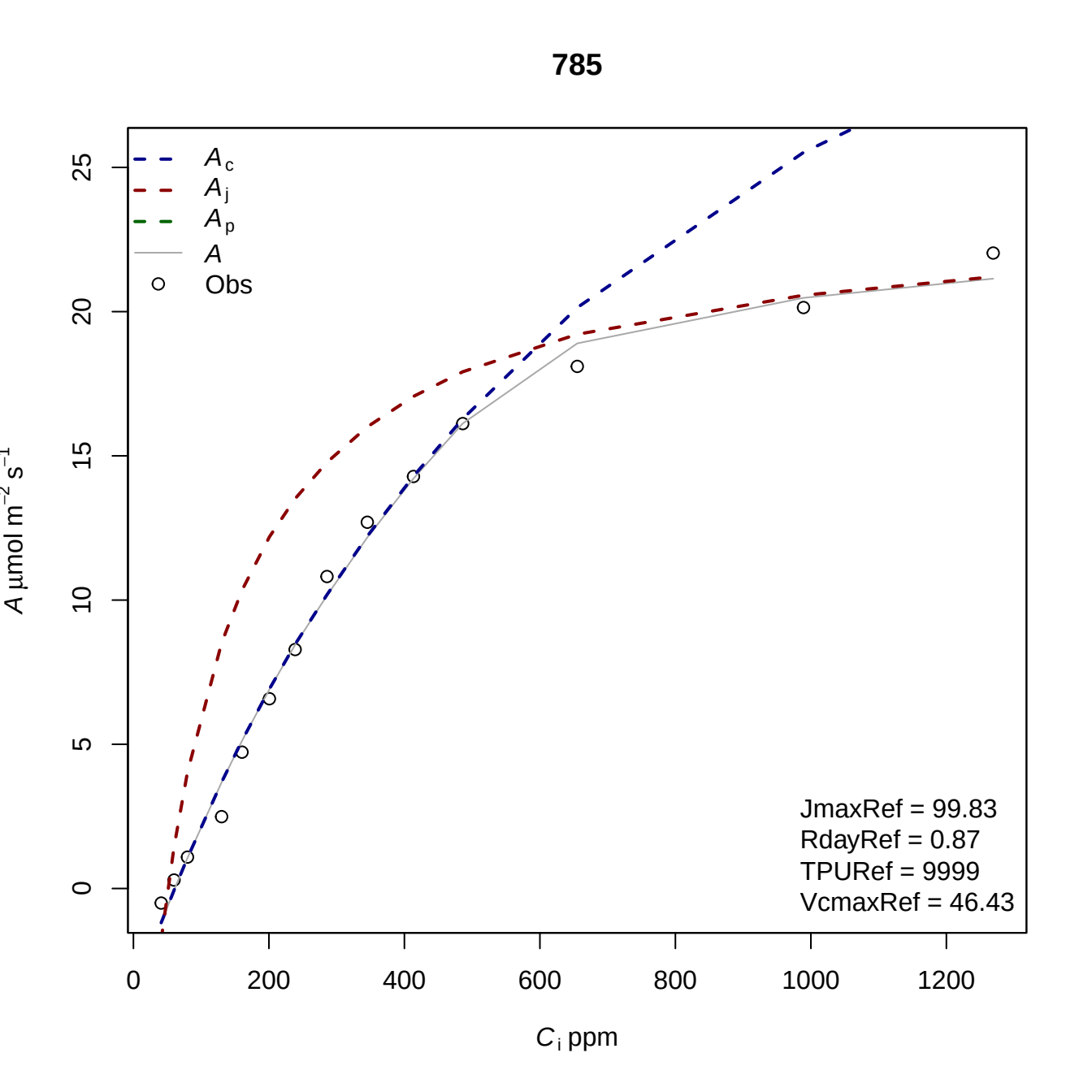

779
A_c
A_j
A_p
A
Obs
JmaxRef = 63.38
RdayRef = 1.09
TPURef = 4.09
VcmaxRef = 41.04
A µmol m^{-2} s^{-1}
0
5
10
0
500
1000
1500
C_i ppm

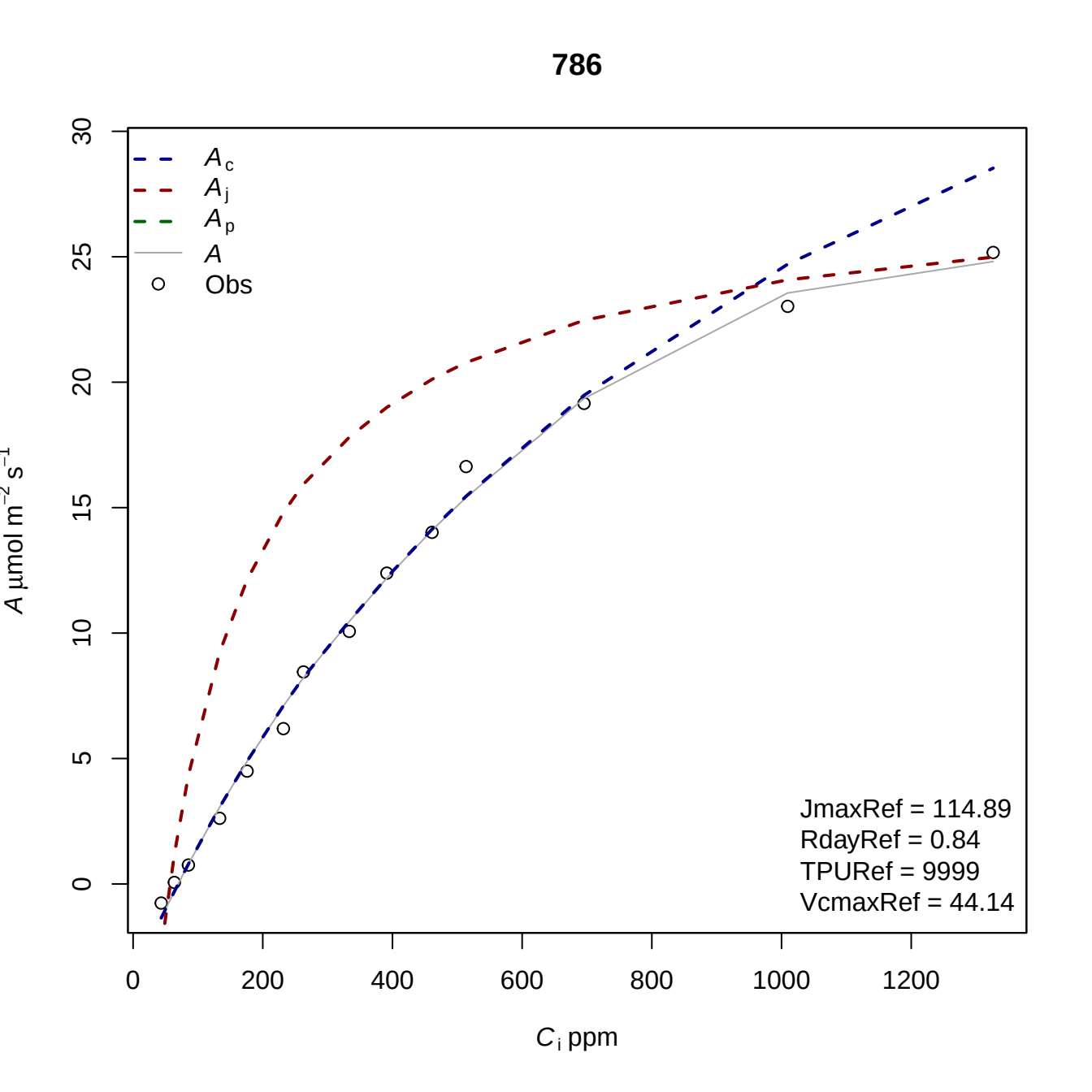

781
A_c
A_j
A_p
A
Obs
JmaxRef = 52.41
RdayRef = 0.76
TPURef = 9999
VcmaxRef = 20.83
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
14
0
500
1000
1500

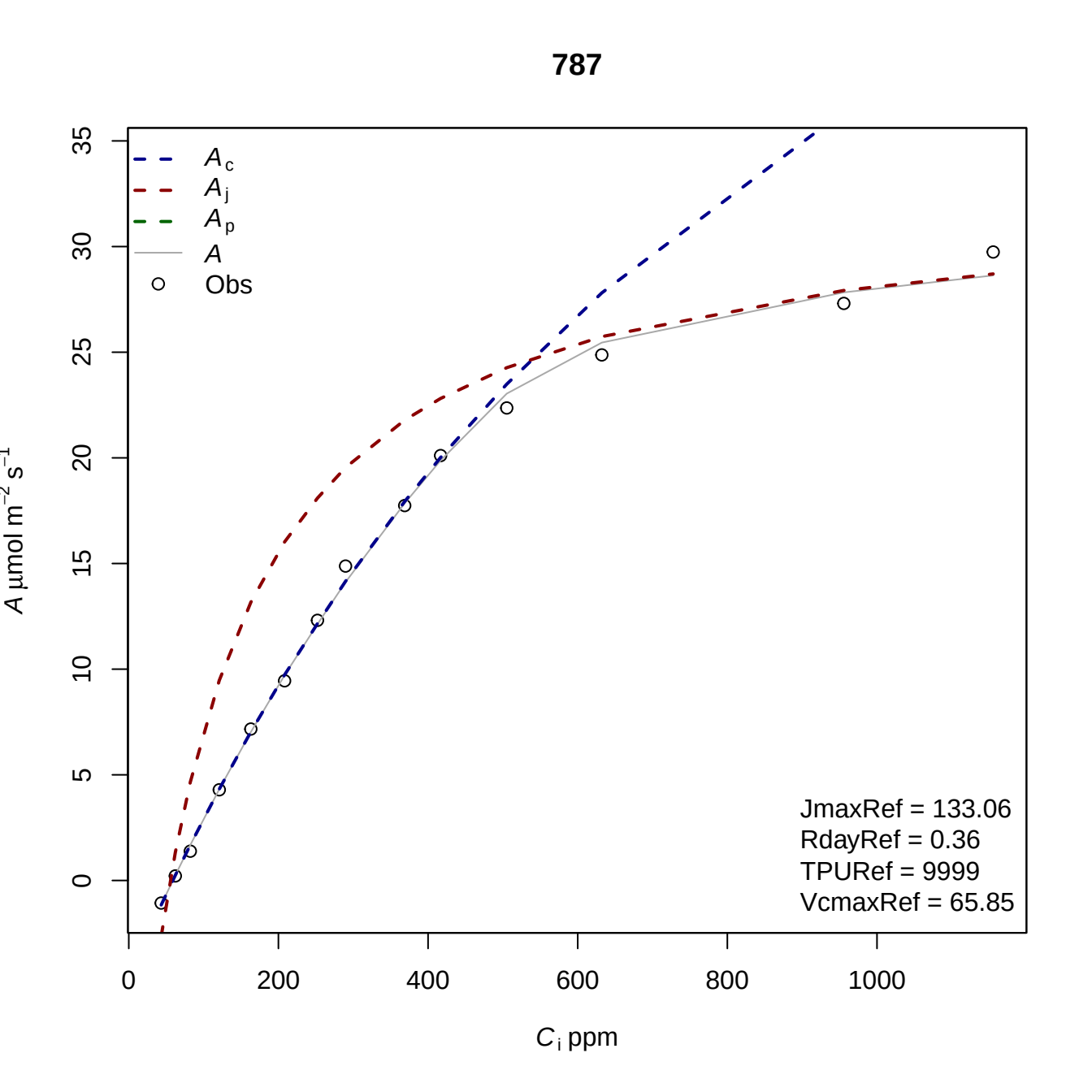

782
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.28
TPURef = 9999
VcmaxRef = 4.3
A µmol m^{-2} s^{-1}
C_i ppm
2.0
1.5
1.0
0.5
0.0
−0.5
200
400
600
800
1000
1200

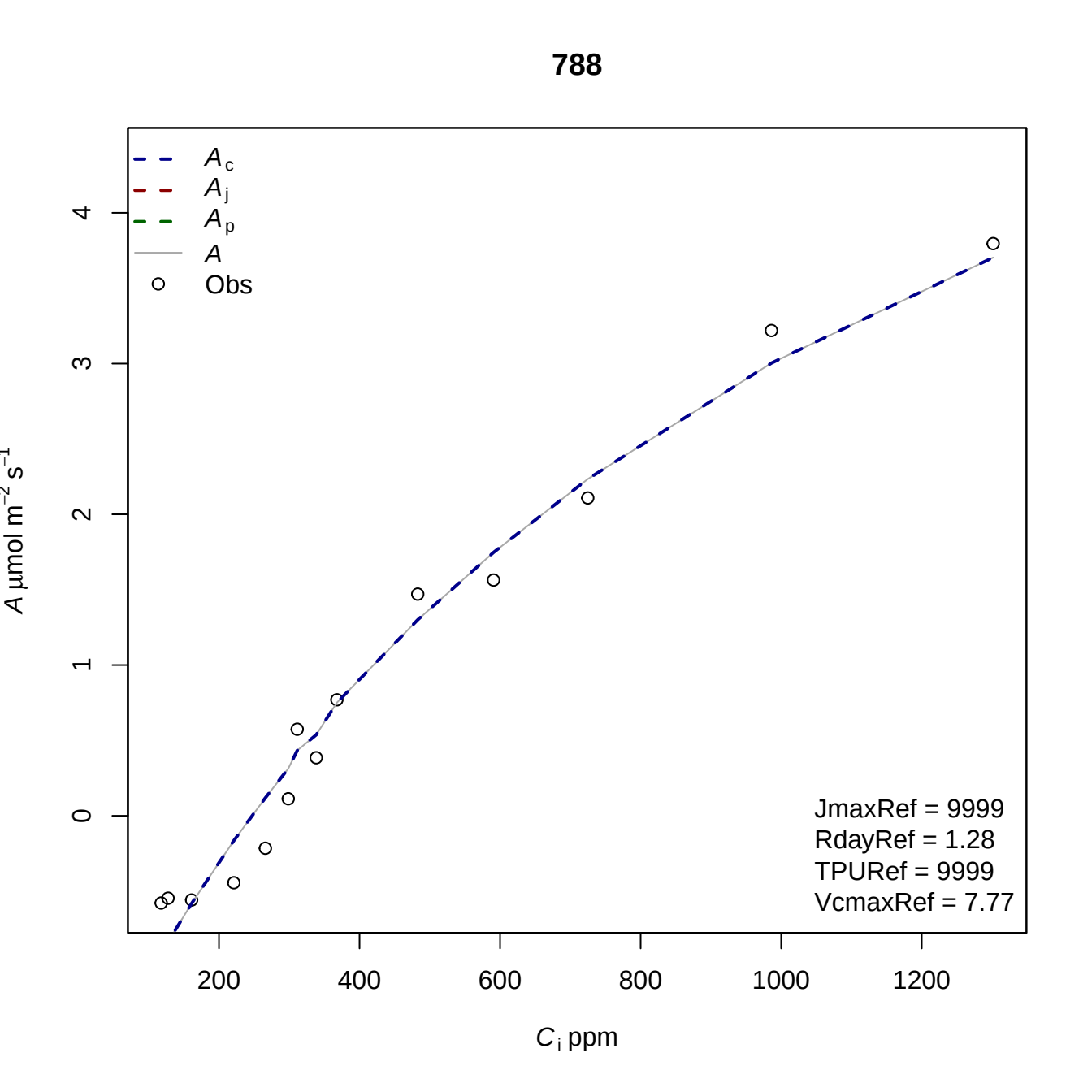

783
A_c
A_j
A_p
A
Obs
JmaxRef = 84.72
RdayRef = 1.37
TPURef = 9999
VcmaxRef = 42.18
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

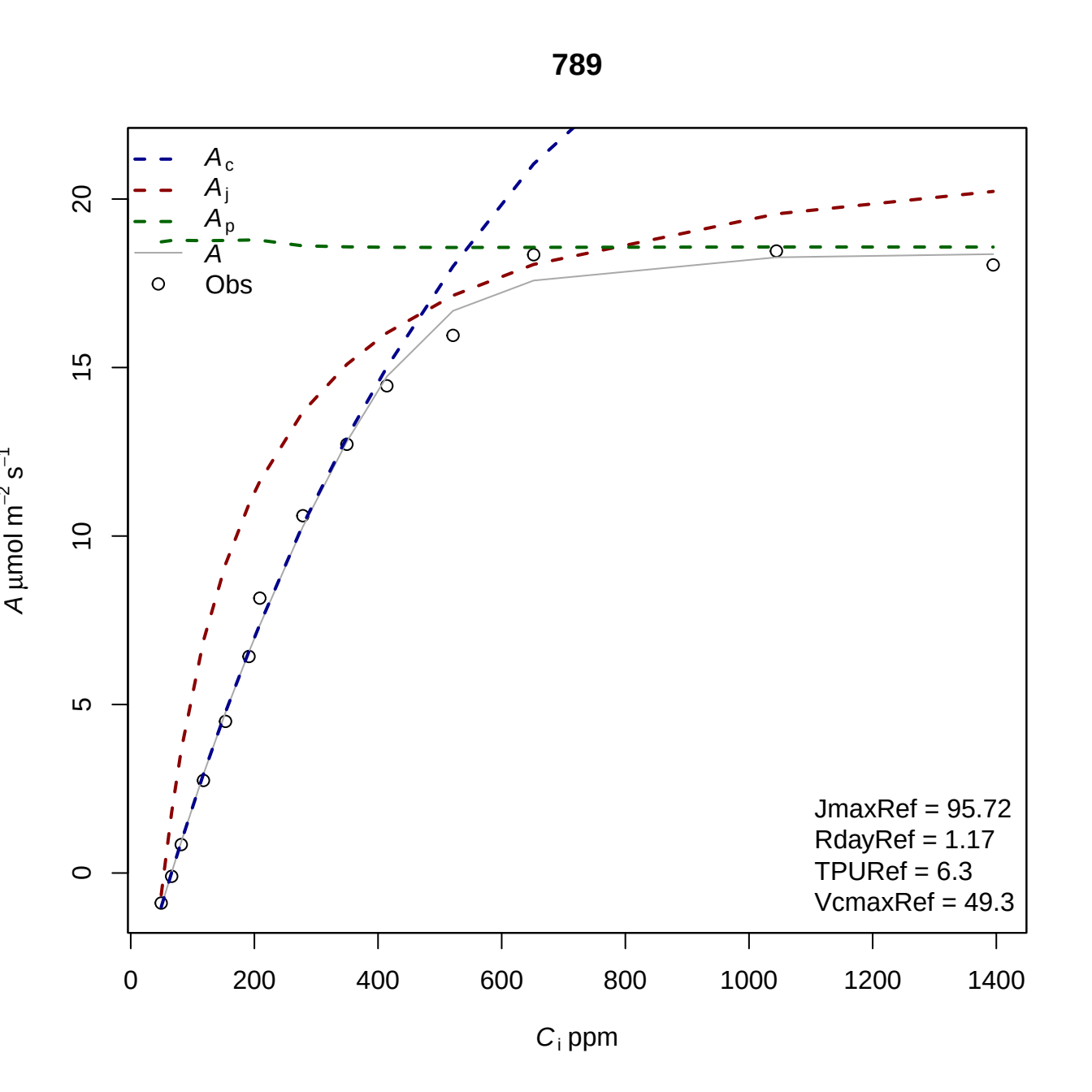

784
A_c
A_j
A_p
A
Obs
JmaxRef = 82.07
RdayRef = 0.39
TPURef = 9999
VcmaxRef = 45.54
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

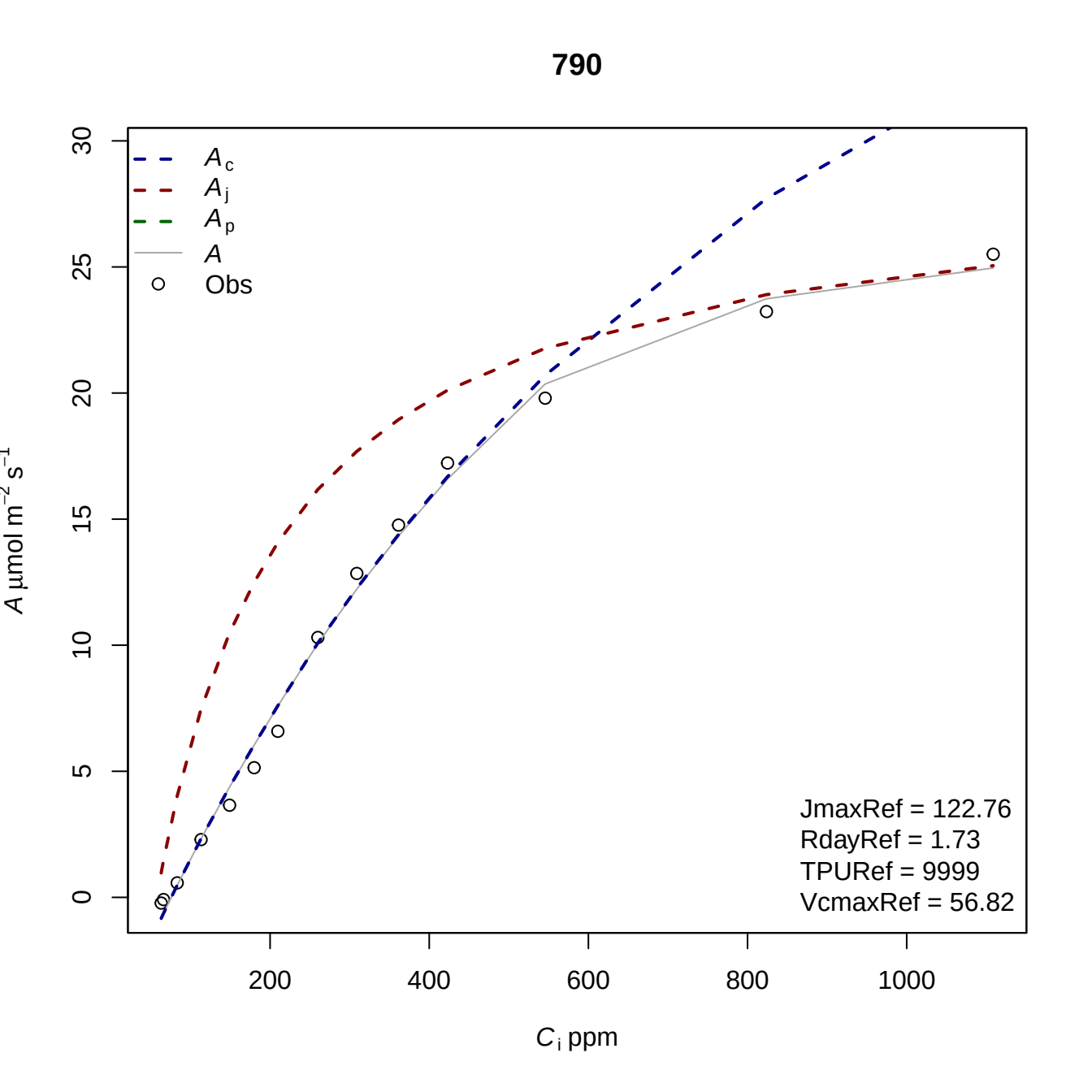

785
A_c
A_j
A_p
A
Obs
JmaxRef = 99.83
RdayRef = 0.87
TPURef = 9999
VcmaxRef = 46.43
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

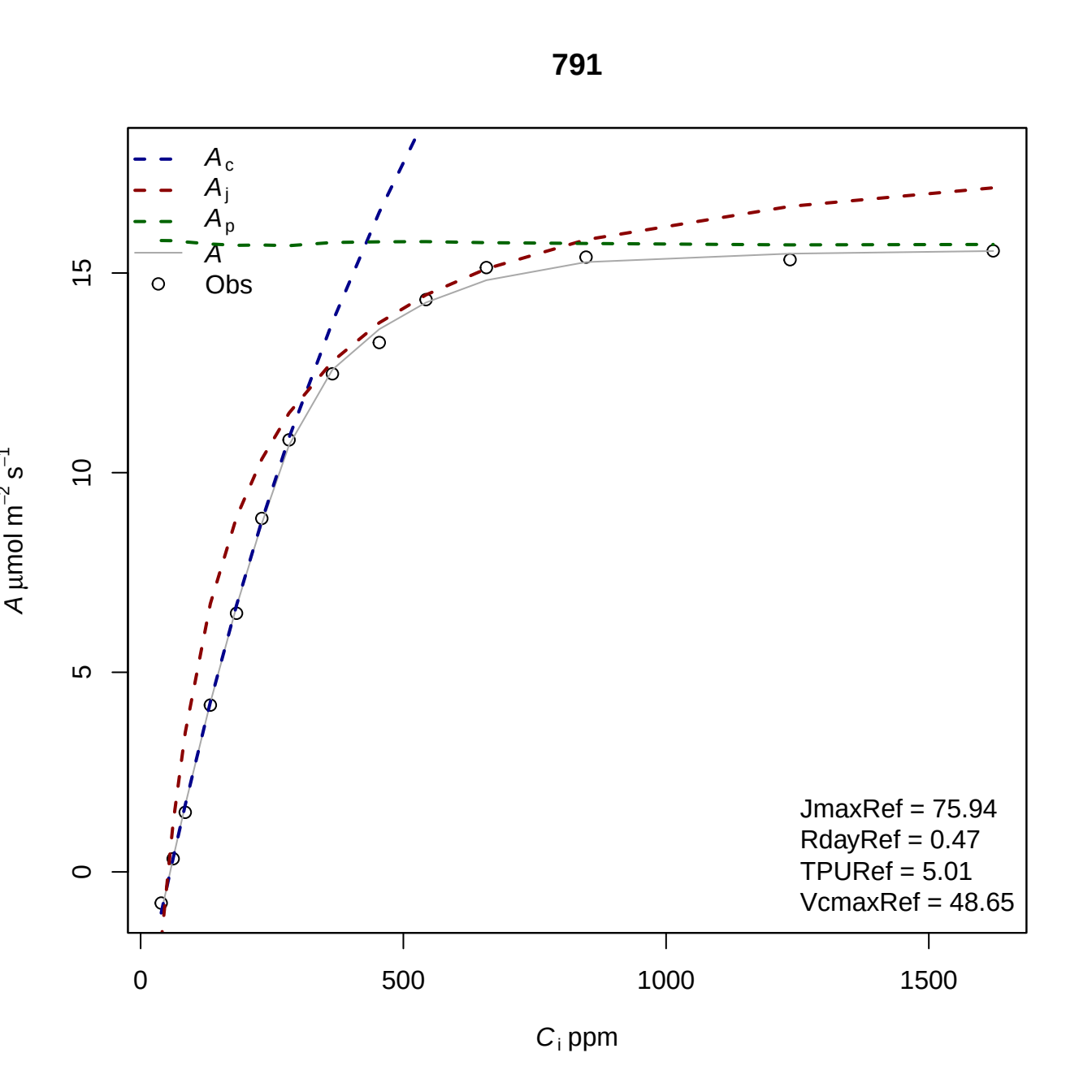

786
A_c
A_j
A_p
A
Obs
JmaxRef = 114.89
RdayRef = 0.84
TPURef = 9999
VcmaxRef = 44.14
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

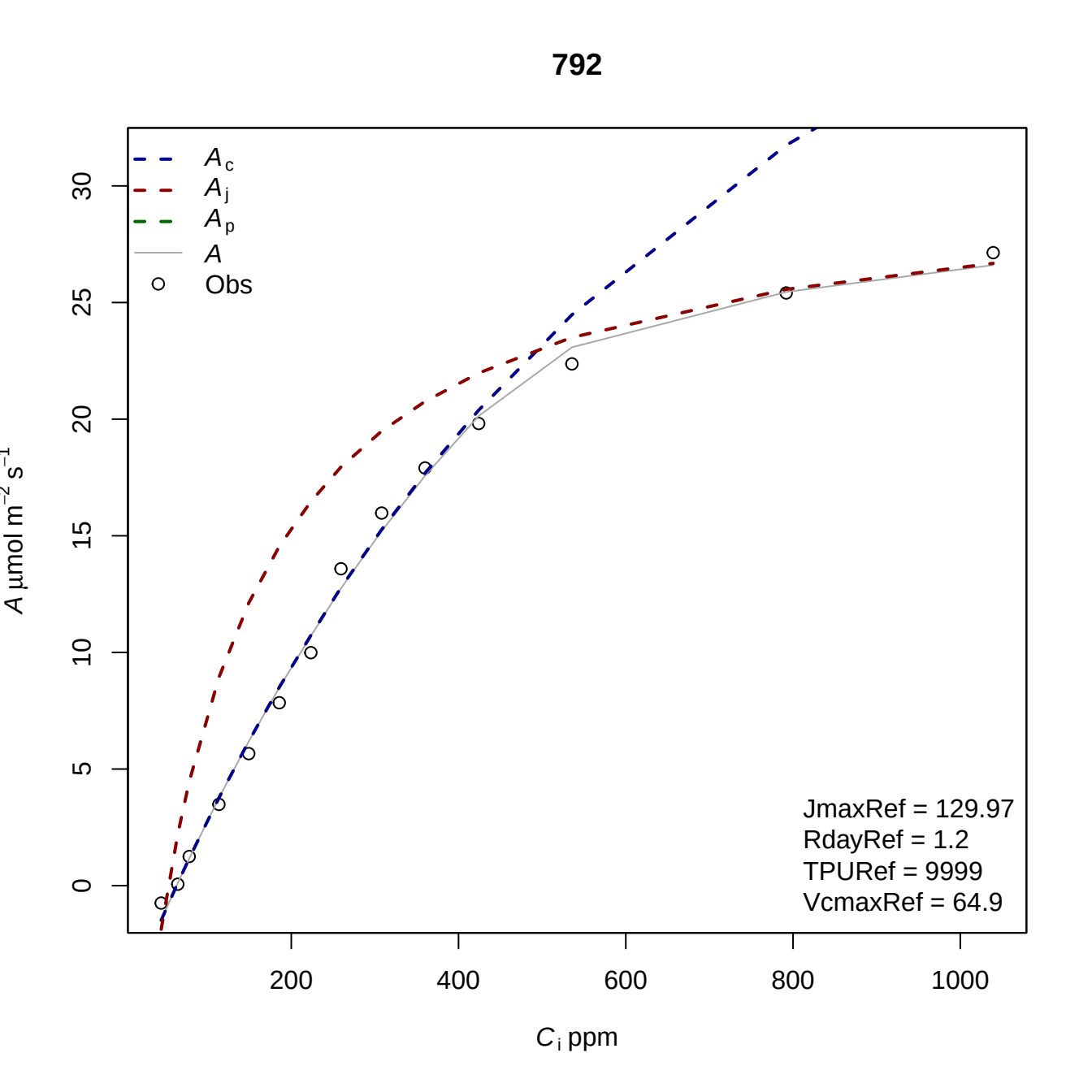

787
A_c
A_j
A_p
A
Obs
JmaxRef = 133.06
RdayRef = 0.36
TPURef = 9999
VcmaxRef = 65.85
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
200
400
600
800
1000

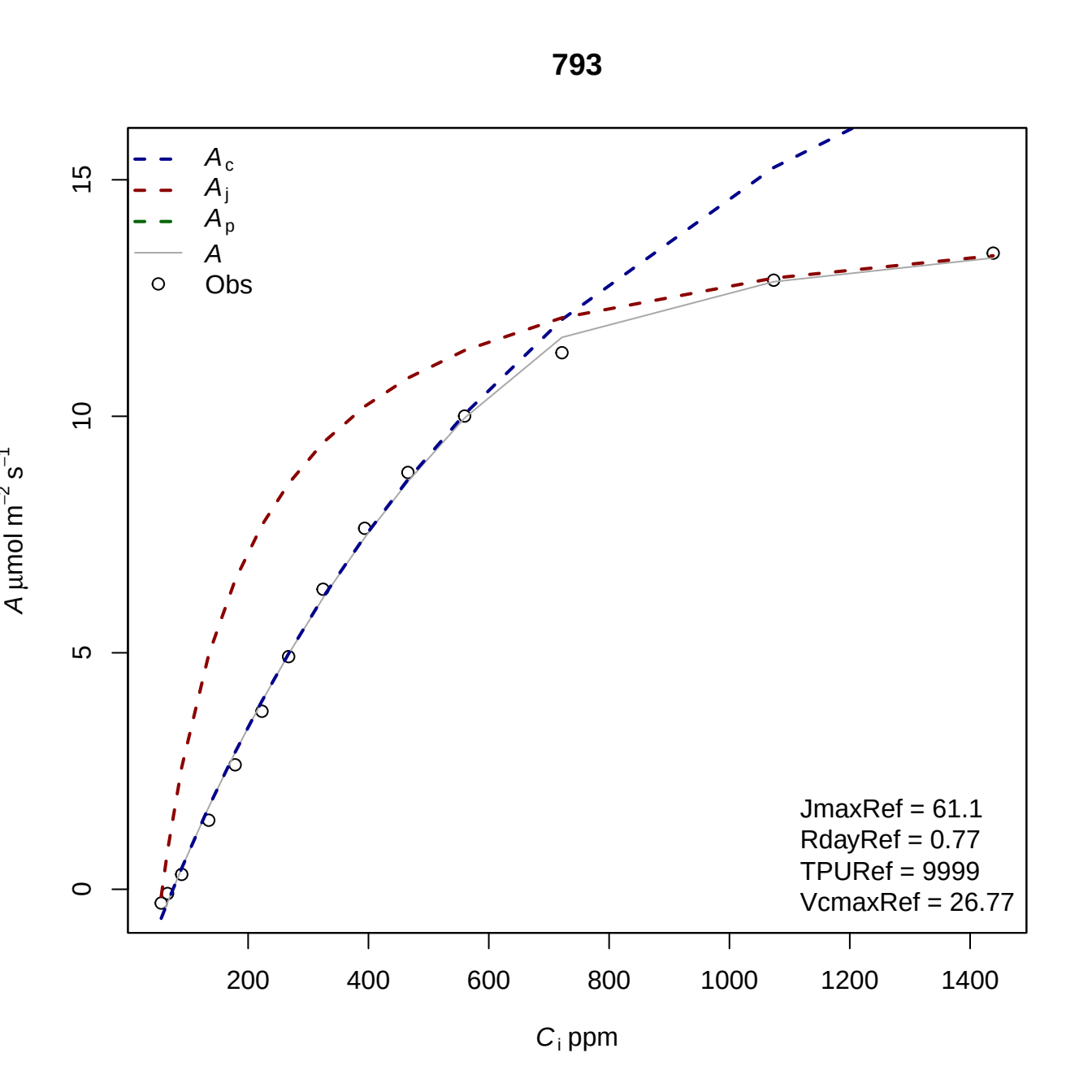

788
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.28
TPURef = 9999
VcmaxRef = 7.77
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
200
400
600
800
1000
1200

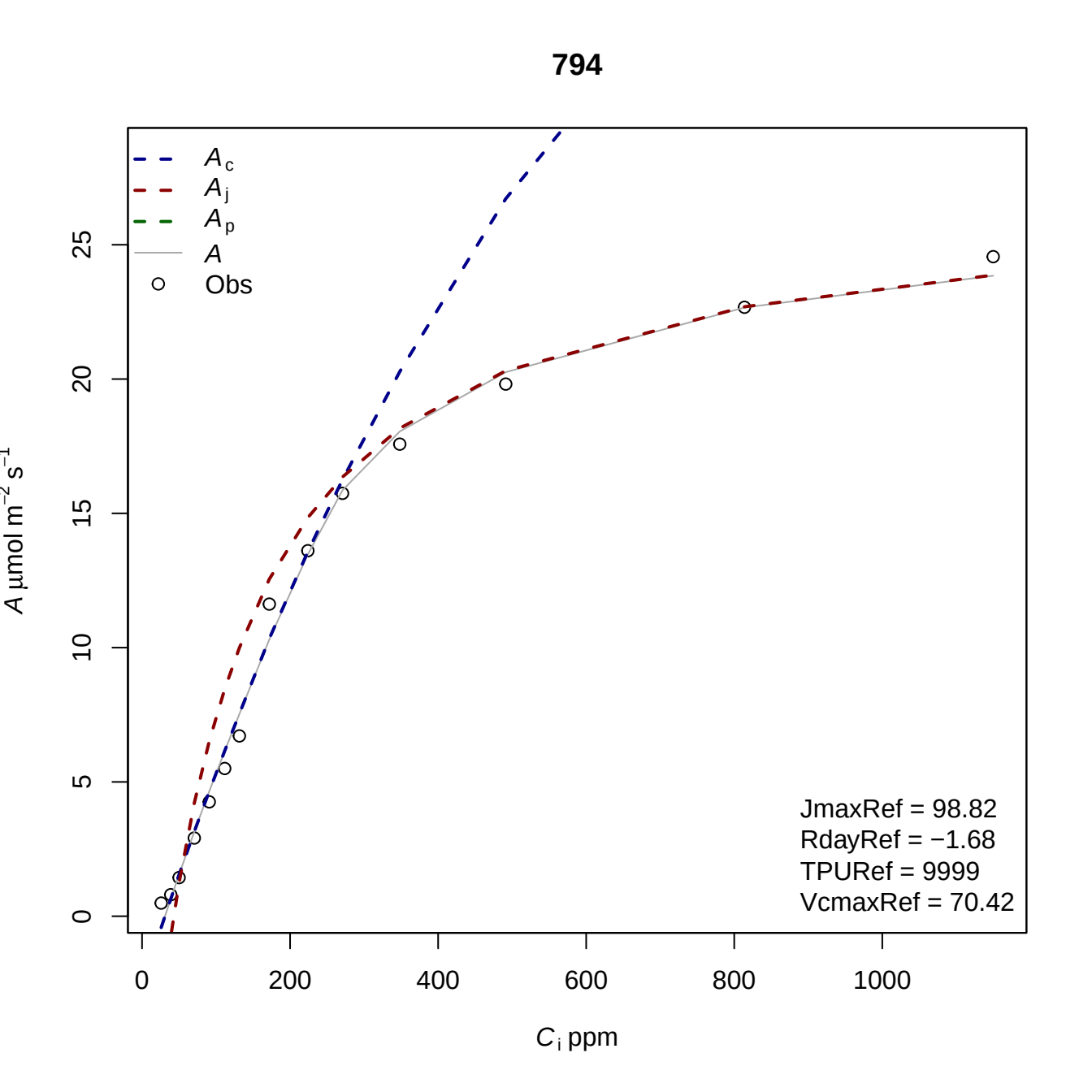

789
A_c
A_j
A_p
A
Obs
JmaxRef = 95.72
RdayRef = 1.17
TPURef = 6.3
VcmaxRef = 49.3
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

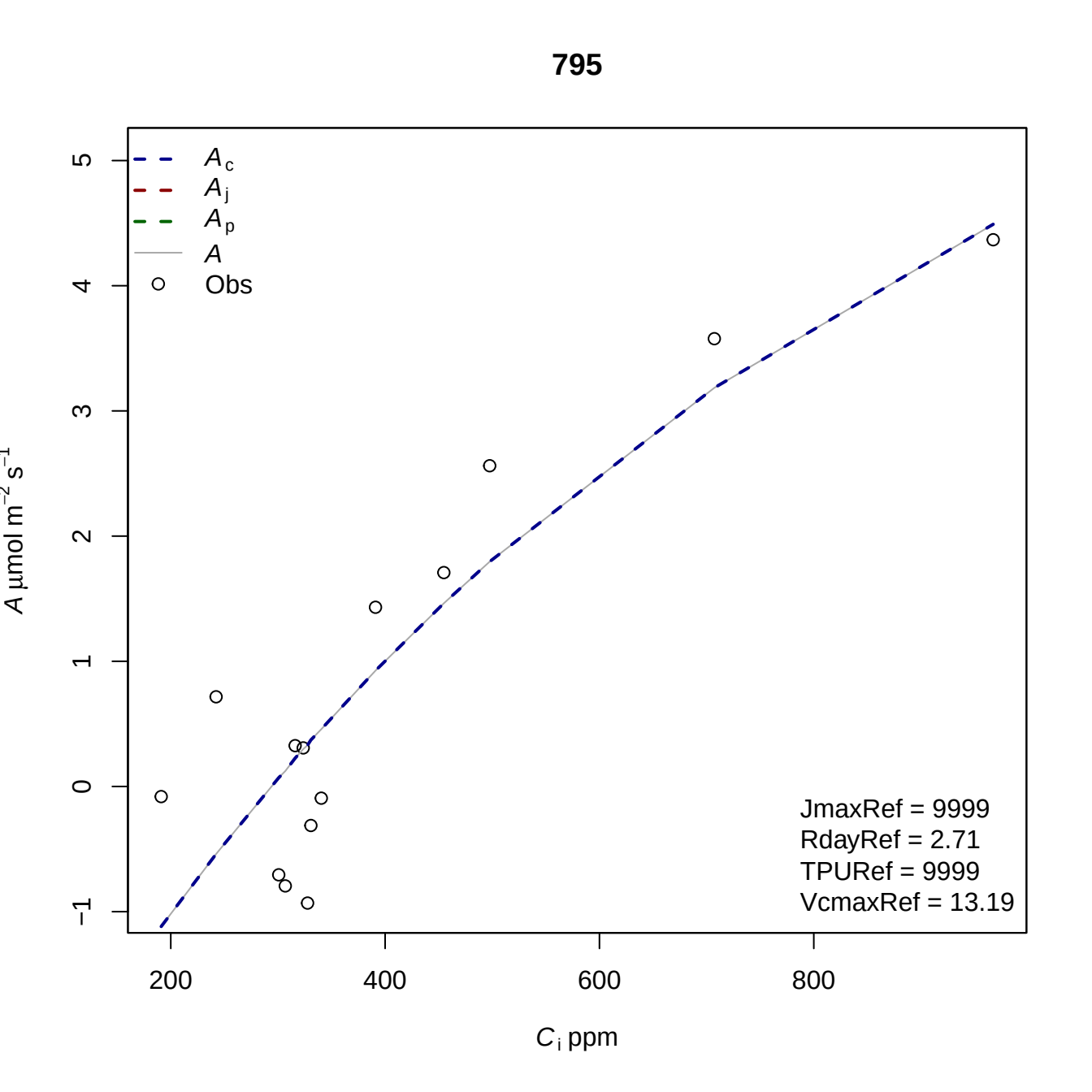

790
A_c
A_j
A_p
A
Obs
JmaxRef = 122.76
RdayRef = 1.73
TPURef = 9999
VcmaxRef = 56.82
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000

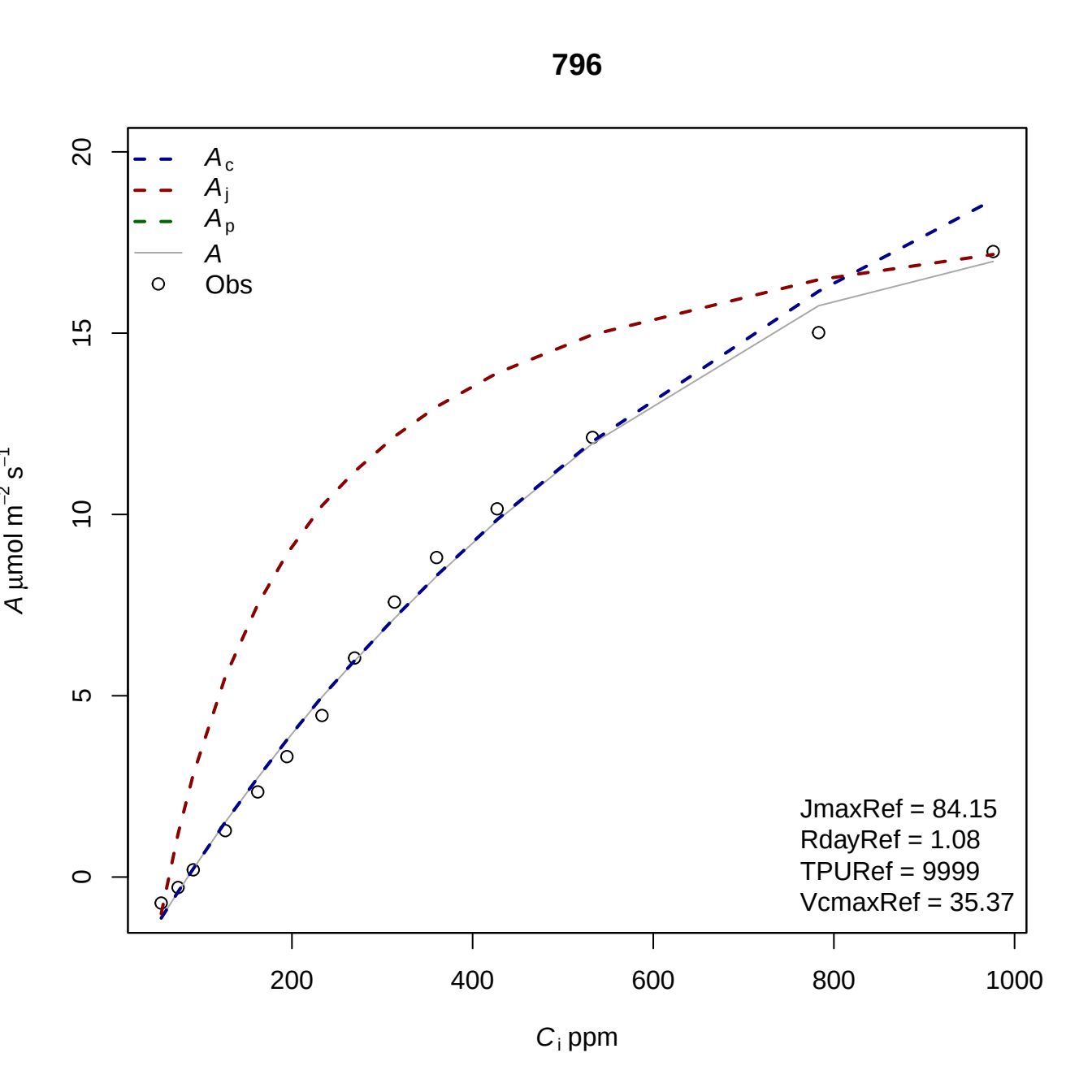

791
A_c
A_j
A_p
A
Obs
JmaxRef = 75.94
RdayRef = 0.47
TPURef = 5.01
VcmaxRef = 48.65
A µmol m^{-2} s^{-1}
0
5
10
15
0
500
1000
1500
C_i ppm

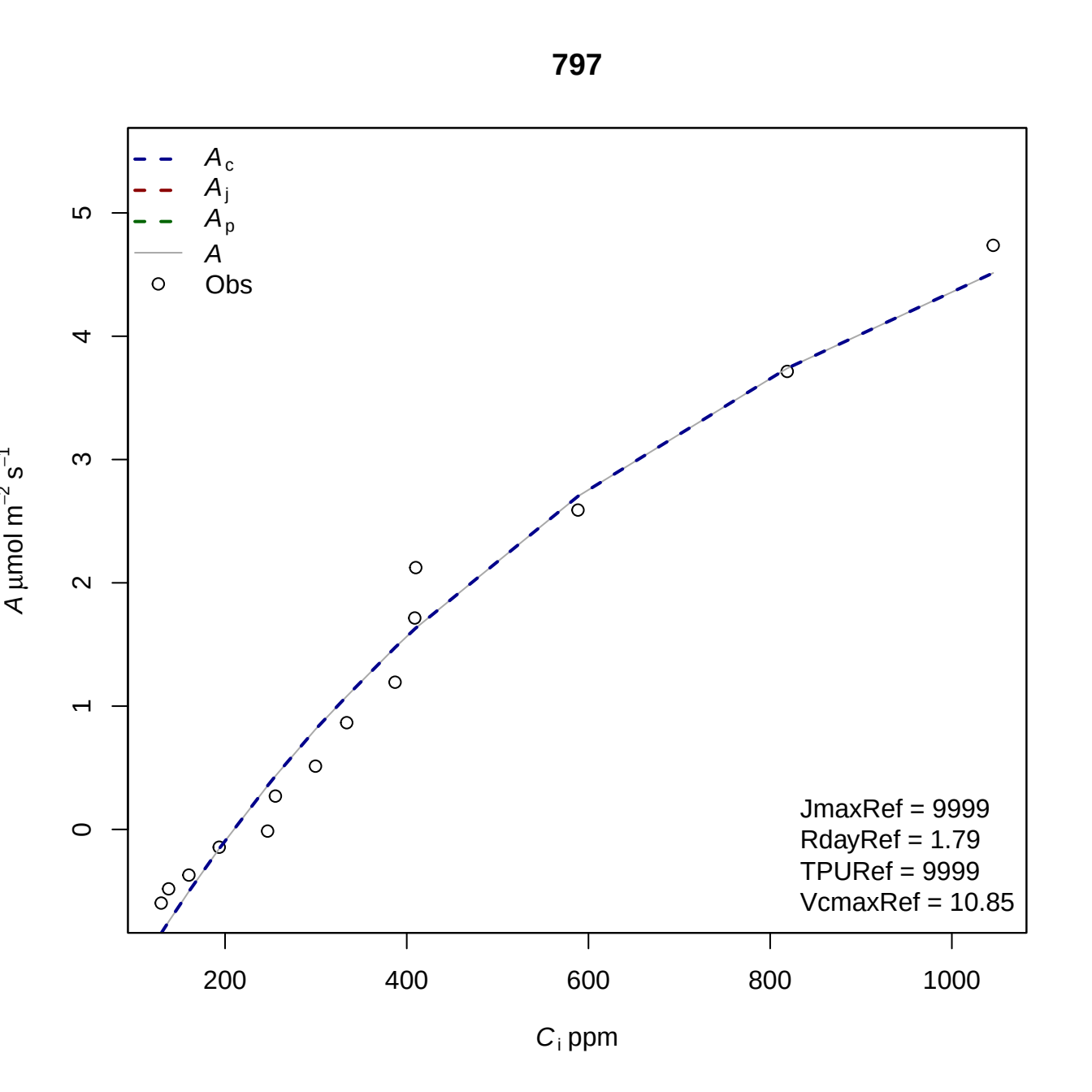

792
A_c
A_j
A_p
A
Obs
JmaxRef = 129.97
RdayRef = 1.2
TPURef = 9999
VcmaxRef = 64.9
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000

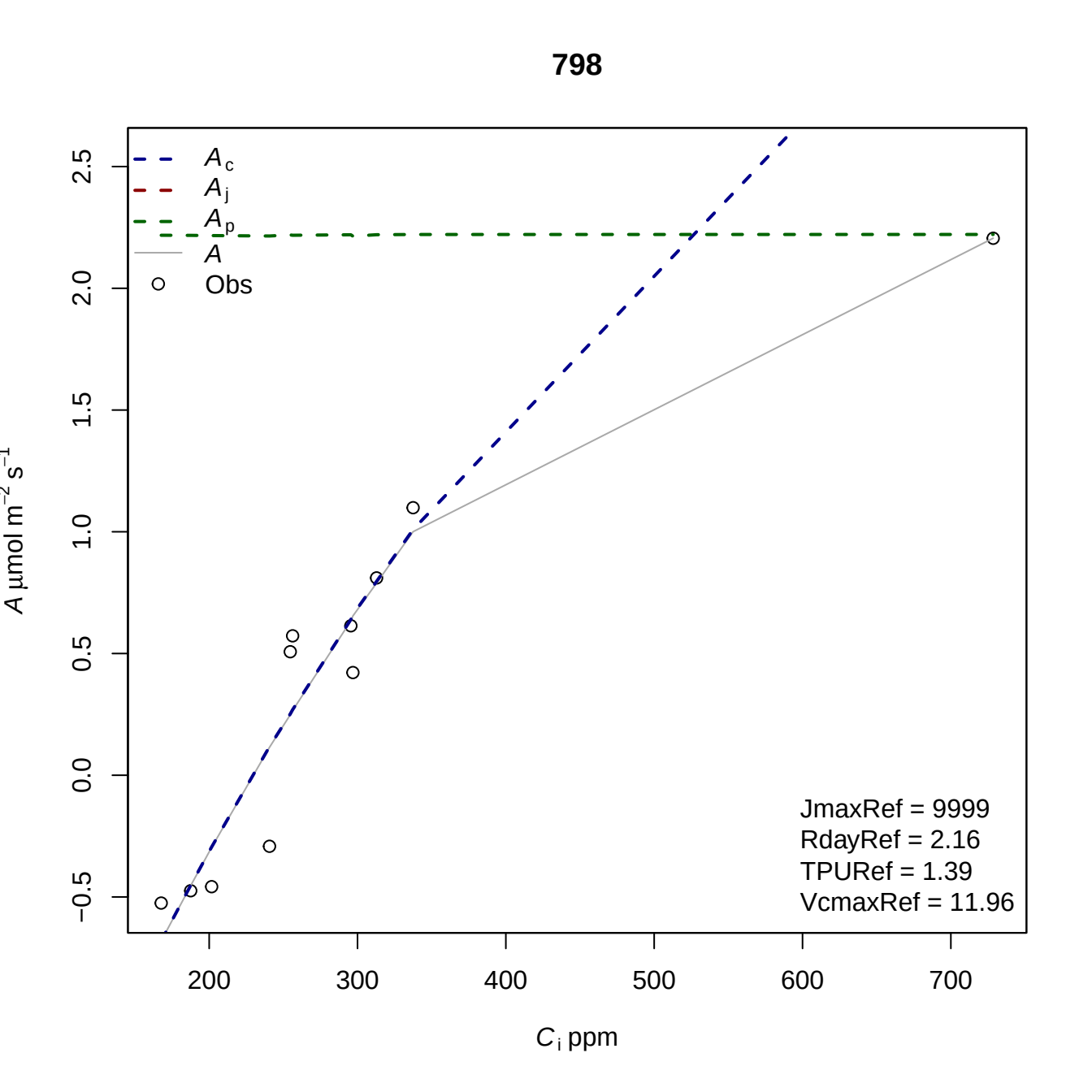

793
A_c
A_j
A_p
A
Obs
JmaxRef = 61.1
RdayRef = 0.77
TPURef = 9999
VcmaxRef = 26.77
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200
1400

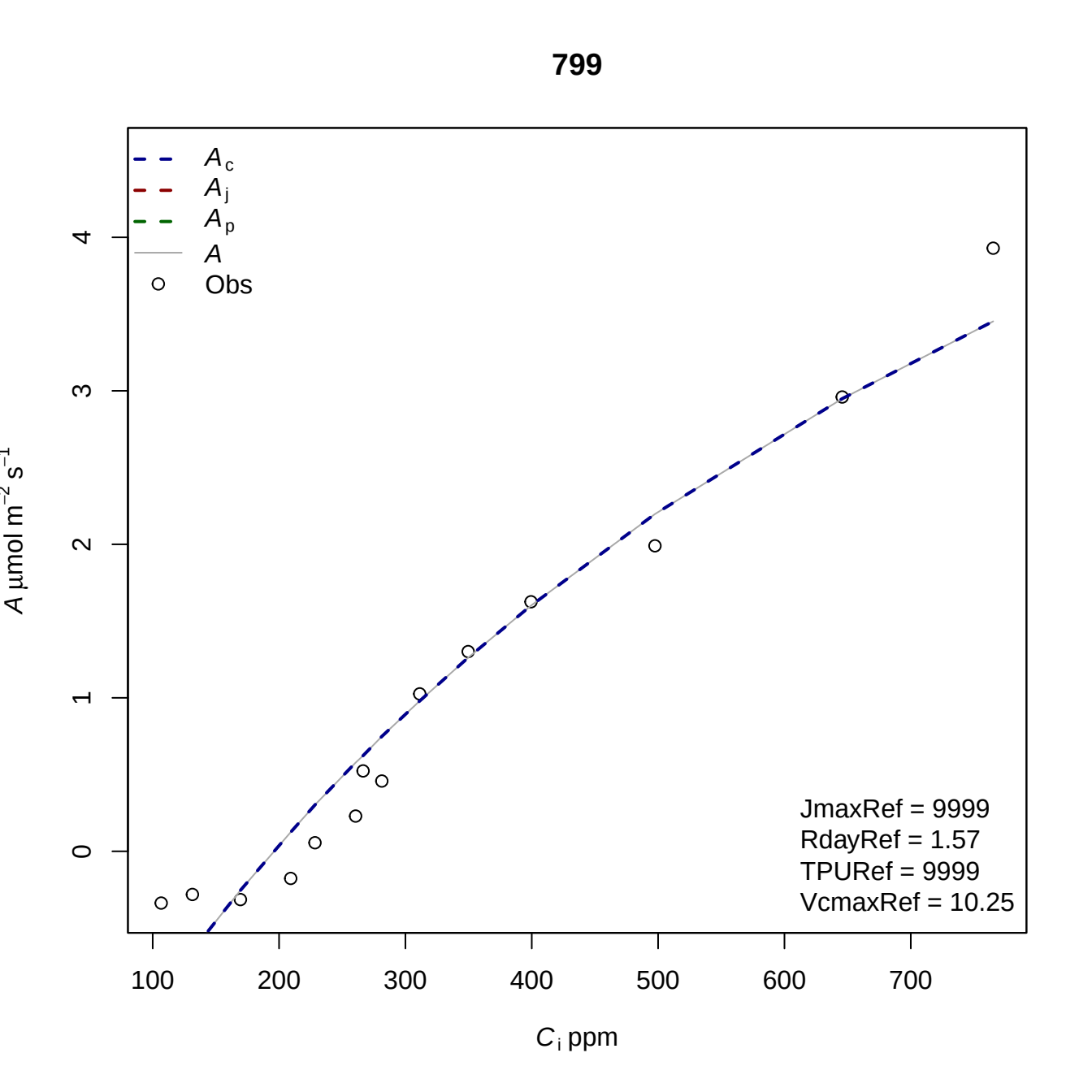

794
A_c
A_j
A_p
A
Obs
JmaxRef = 98.82
RdayRef = −1.68
TPURef = 9999
VcmaxRef = 70.42
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000

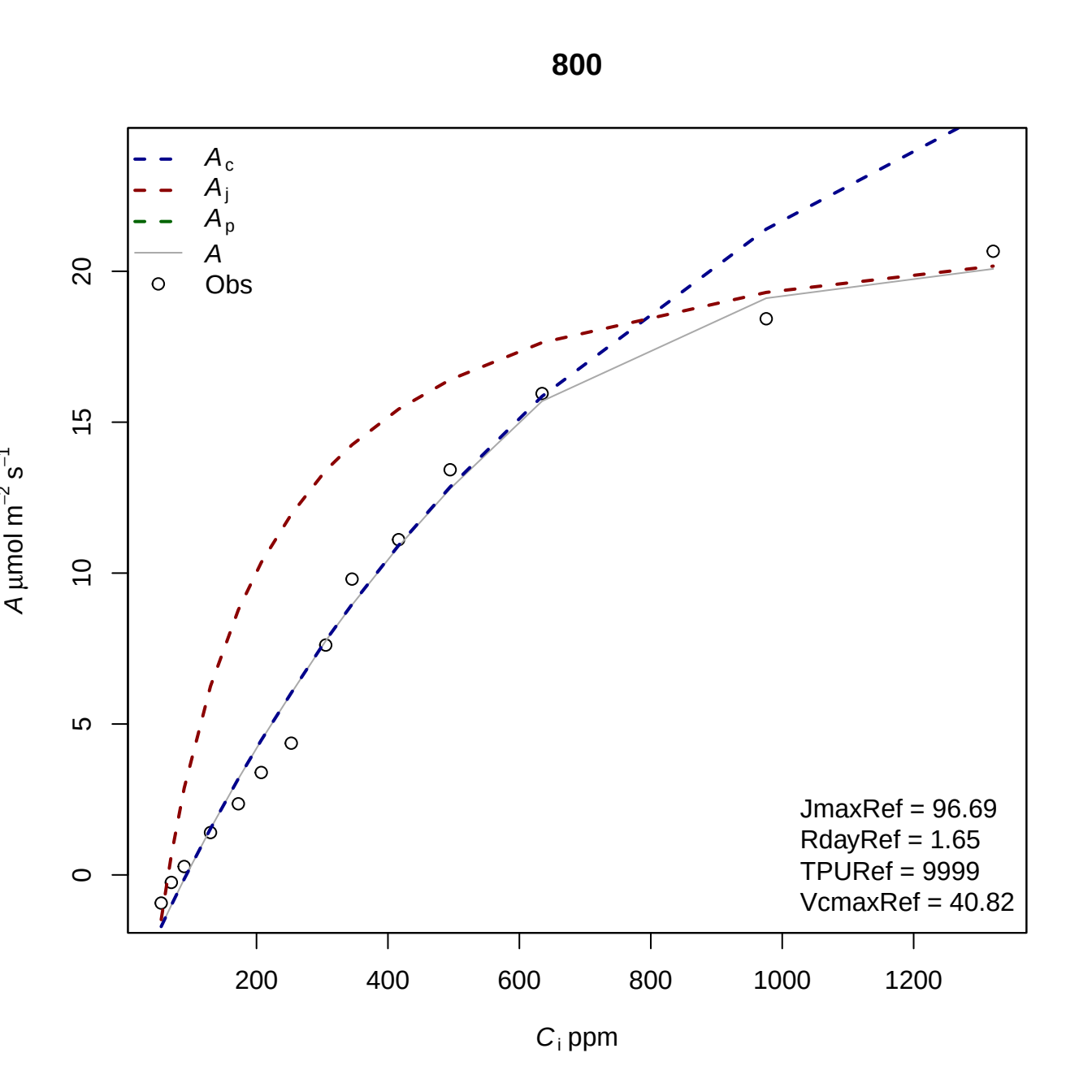

795
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 2.71
TPURef = 9999
VcmaxRef = 13.19
A µmol m^{-2} s^{-1}
C_i ppm
−1
0
1
2
3
4
5
200
400
600
800

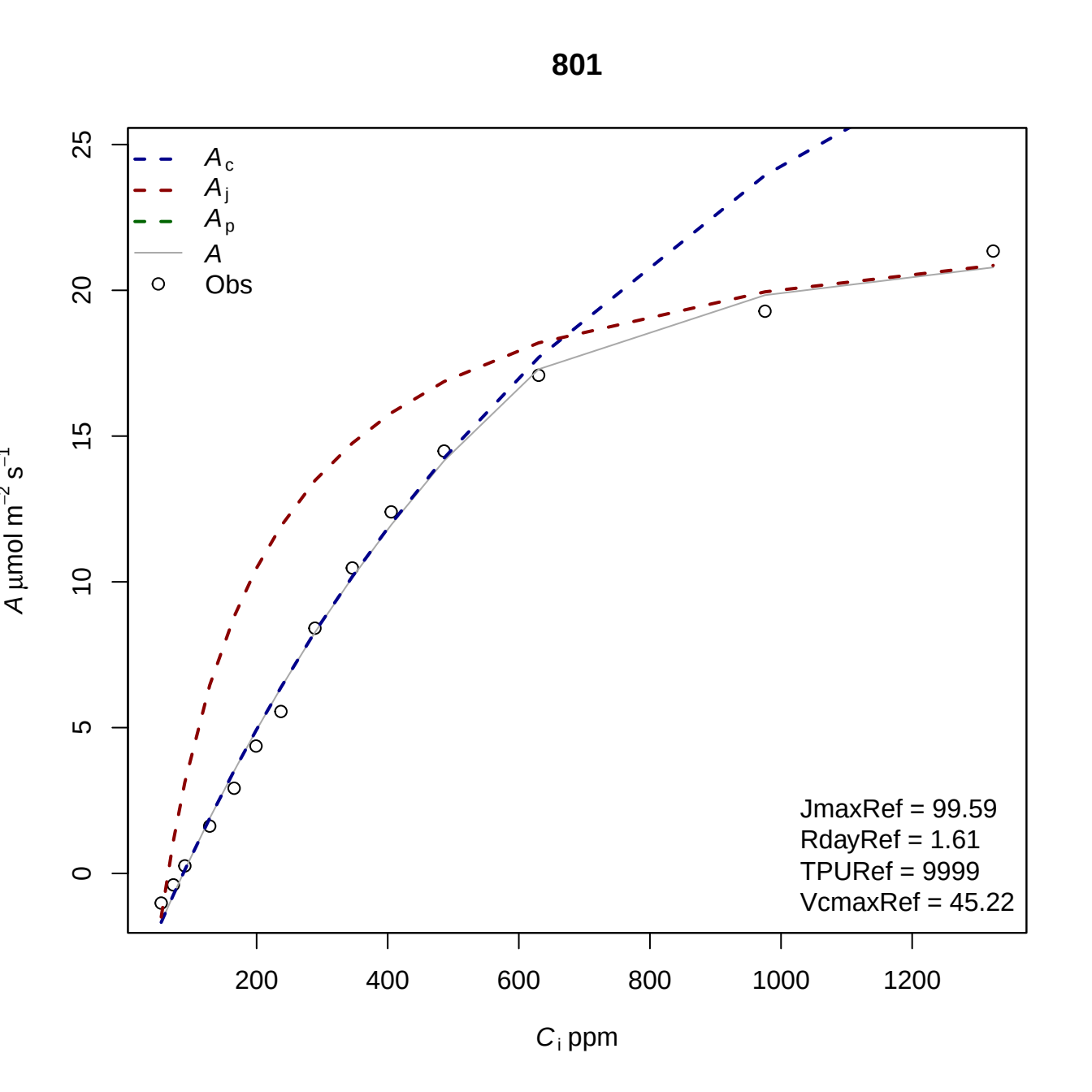

796
A_c
A_j
A_p
A
Obs
JmaxRef = 84.15
RdayRef = 1.08
TPURef = 9999
VcmaxRef = 35.37
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

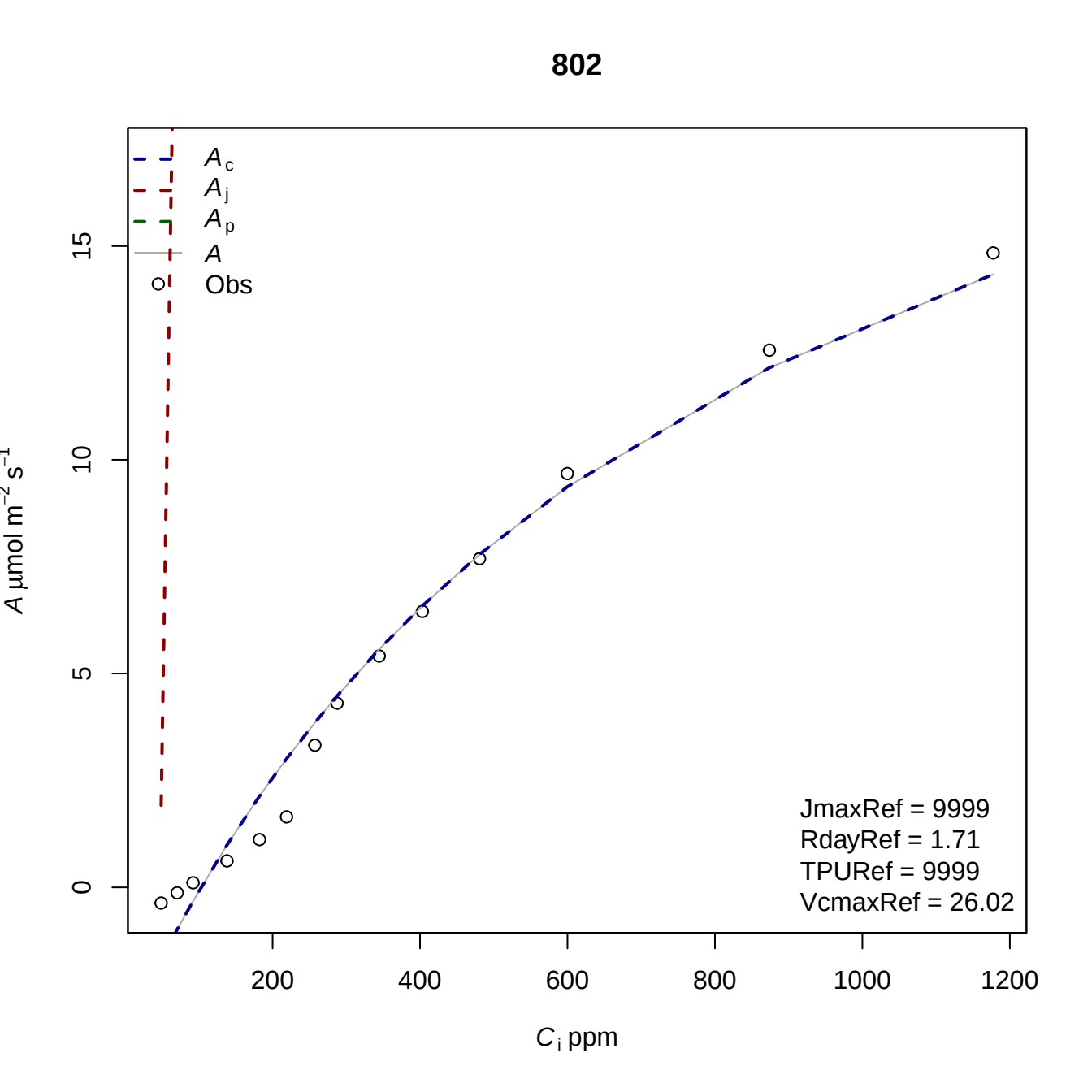

797
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.79
TPURef = 9999
VcmaxRef = 10.85
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
5
200
400
600
800
1000

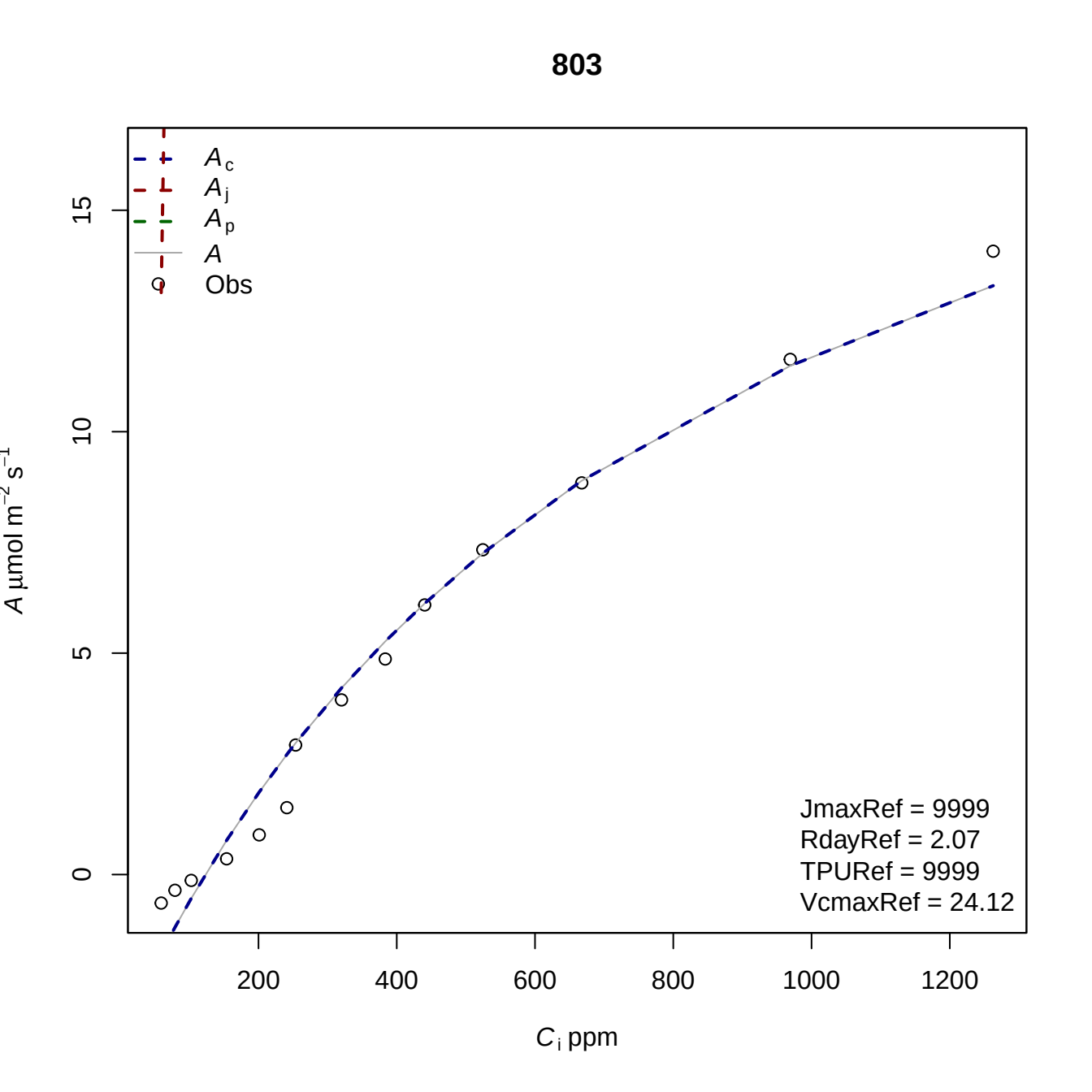

798
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 2.16
TPURef = 1.39
VcmaxRef = 11.96
A µmol m^{-2} s^{-1}
C_i ppm
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
200
300
400
500
600
700

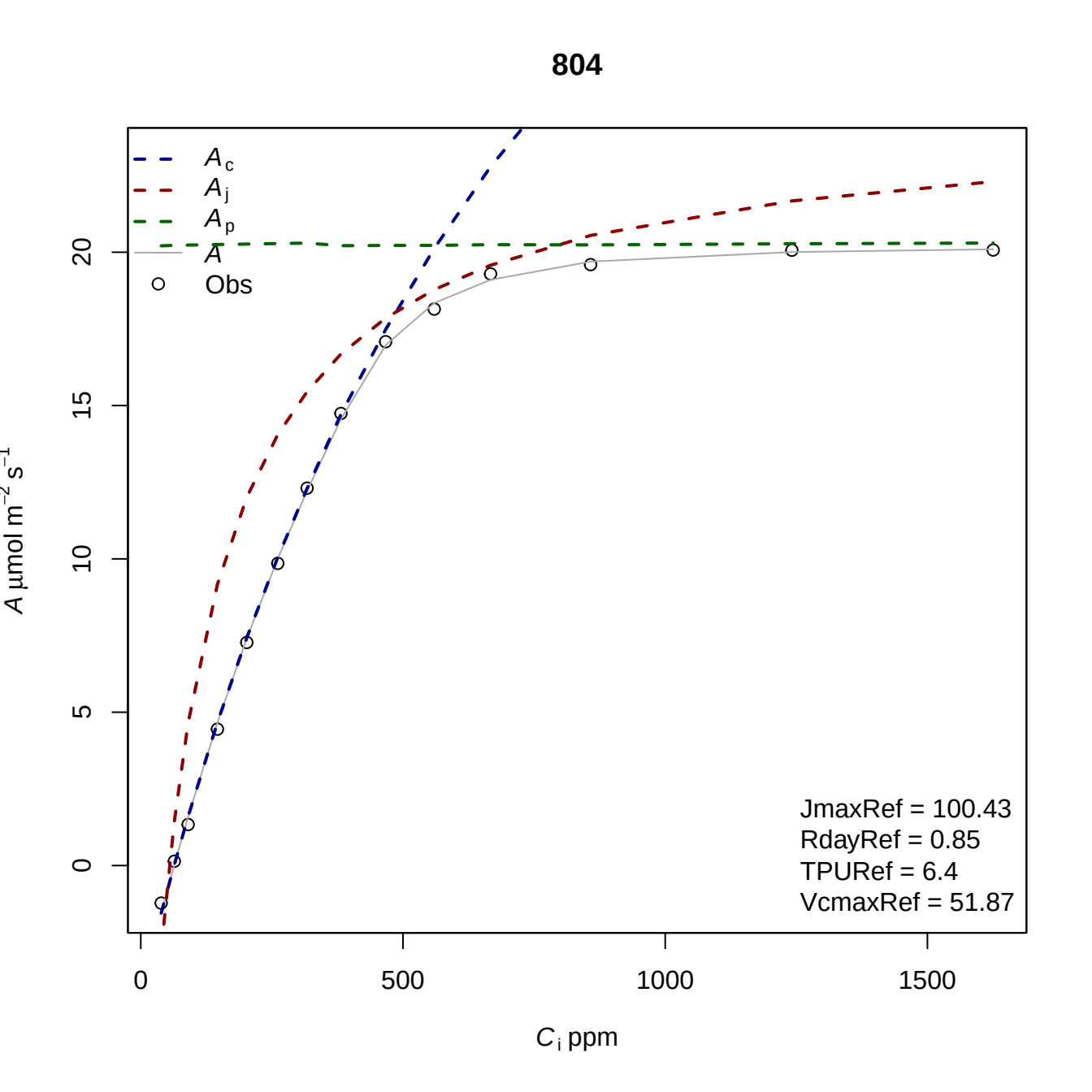

799
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.57
TPURef = 9999
VcmaxRef = 10.25
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
100
200
300
400
500
600
700

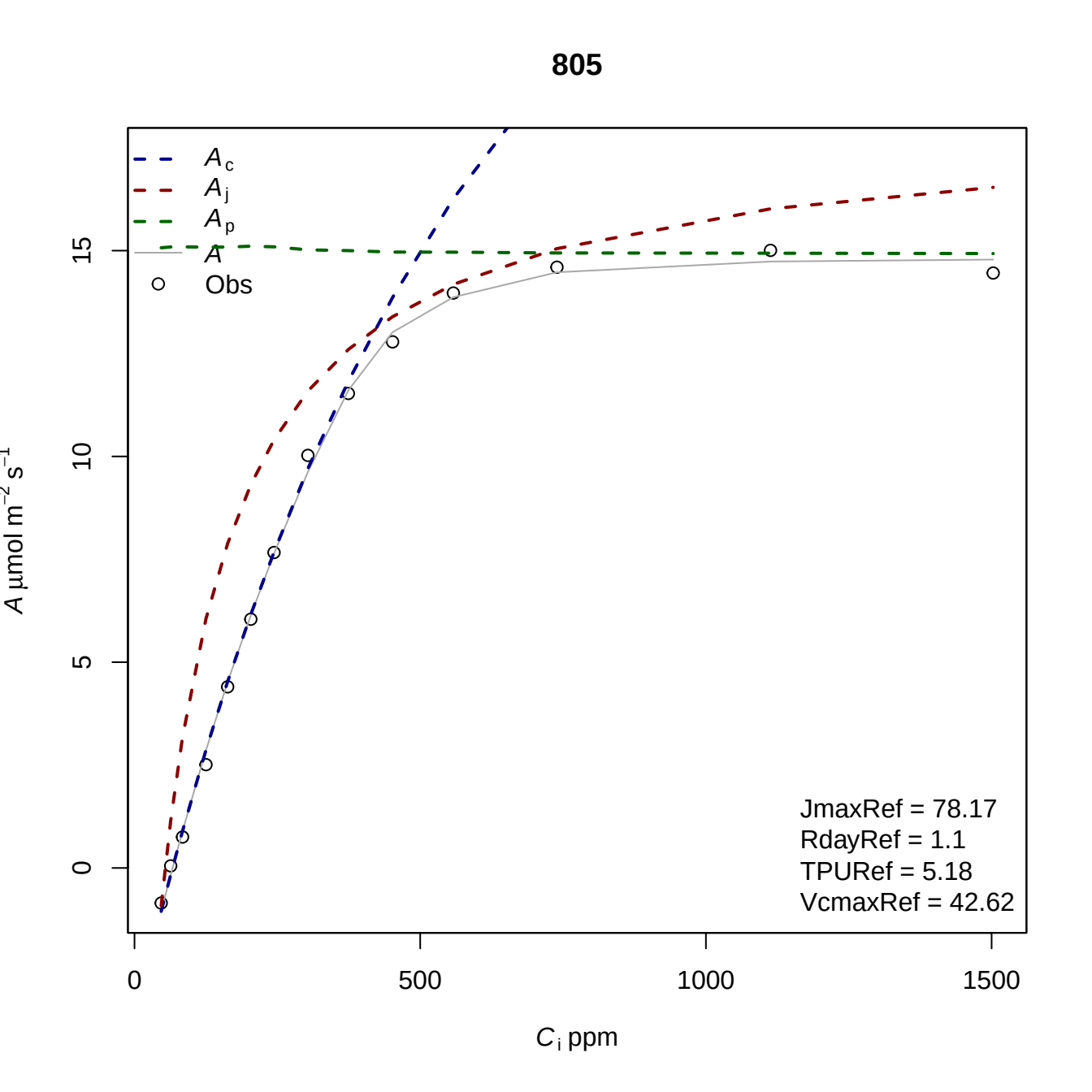

800
A_c
A_j
A_p
A
Obs
JmaxRef = 96.69
RdayRef = 1.65
TPURef = 9999
VcmaxRef = 40.82
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

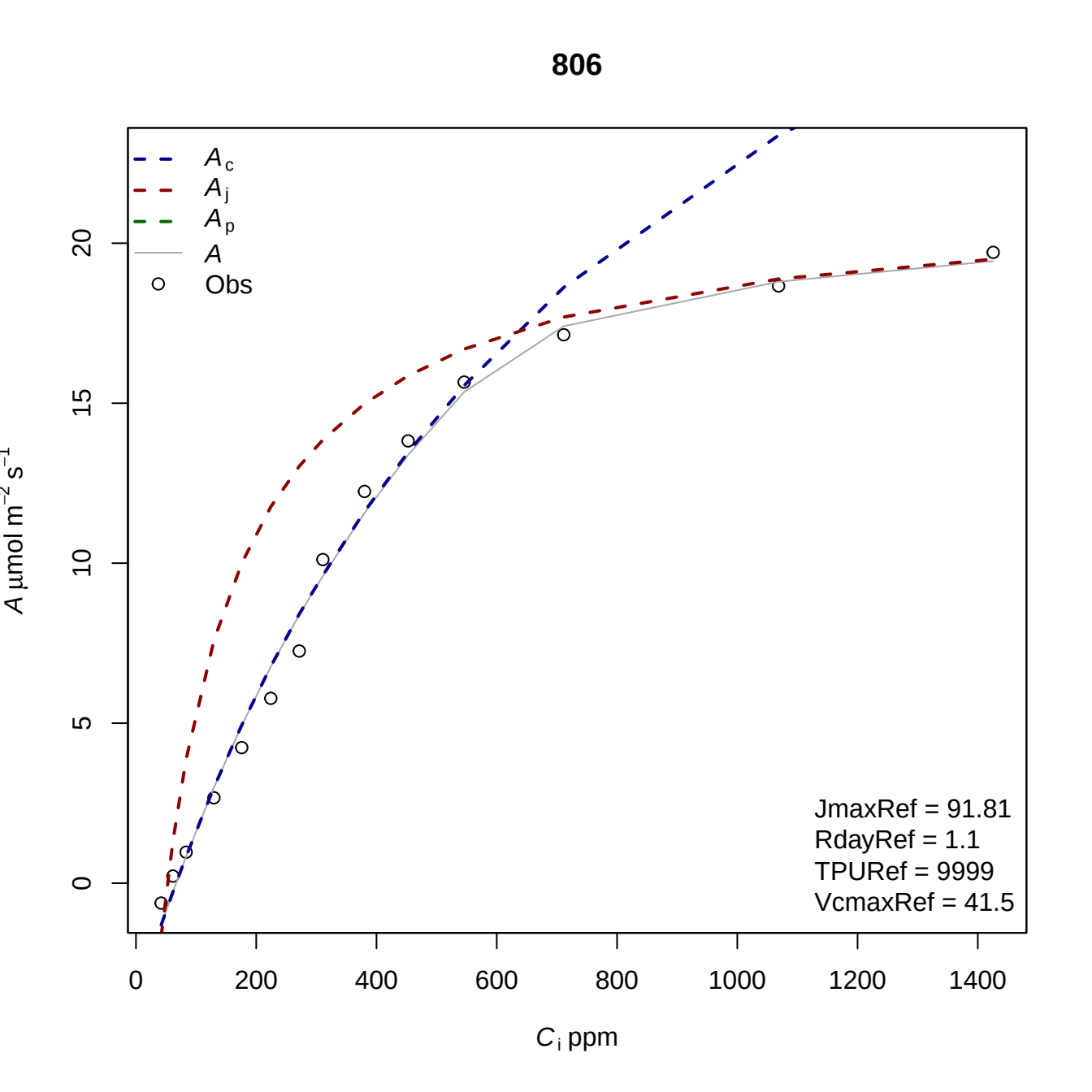

801
A_c
A_j
A_p
A
Obs
JmaxRef = 99.59
RdayRef = 1.61
TPURef = 9999
VcmaxRef = 45.22
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000
1200

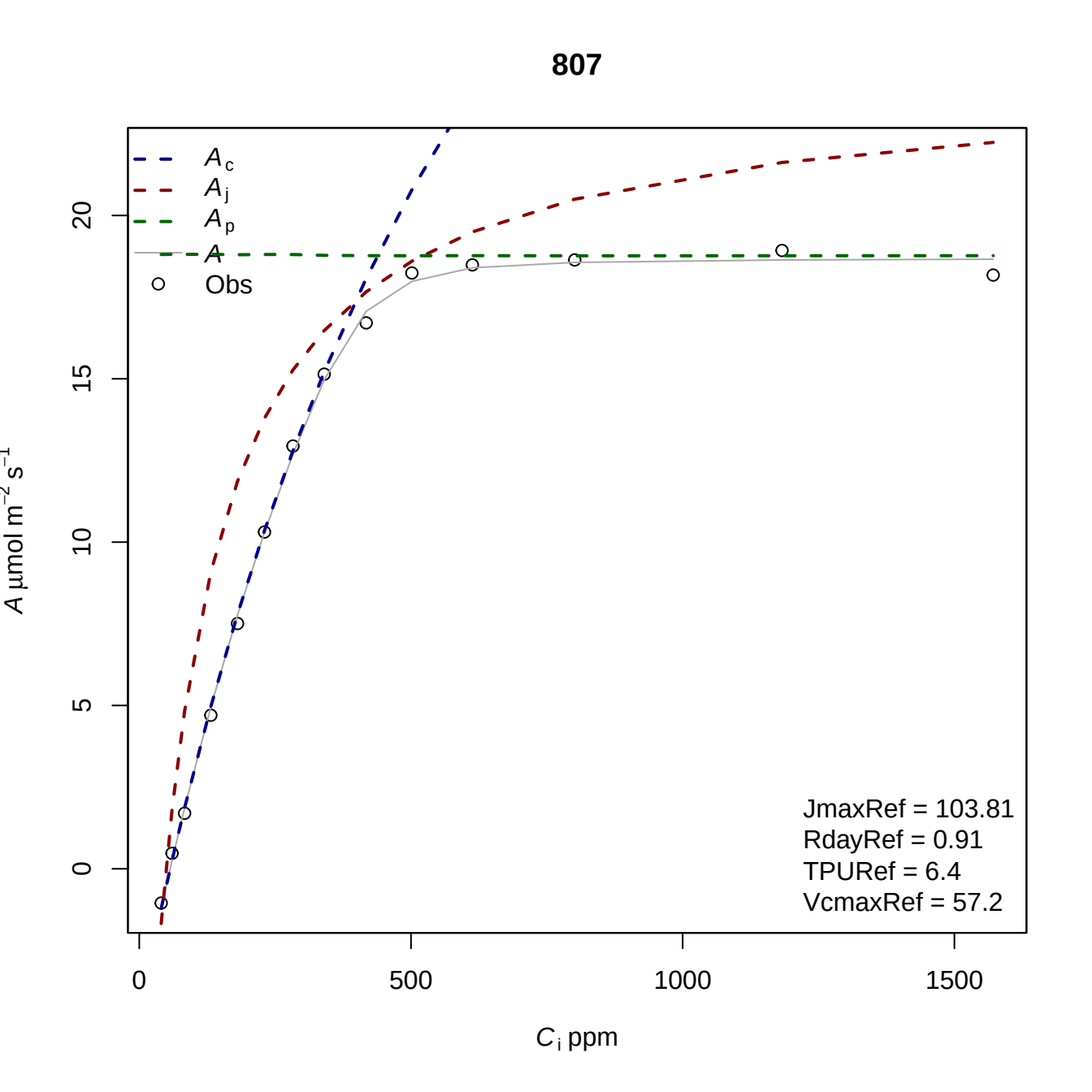

802
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.71
TPURef = 9999
VcmaxRef = 26.02
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

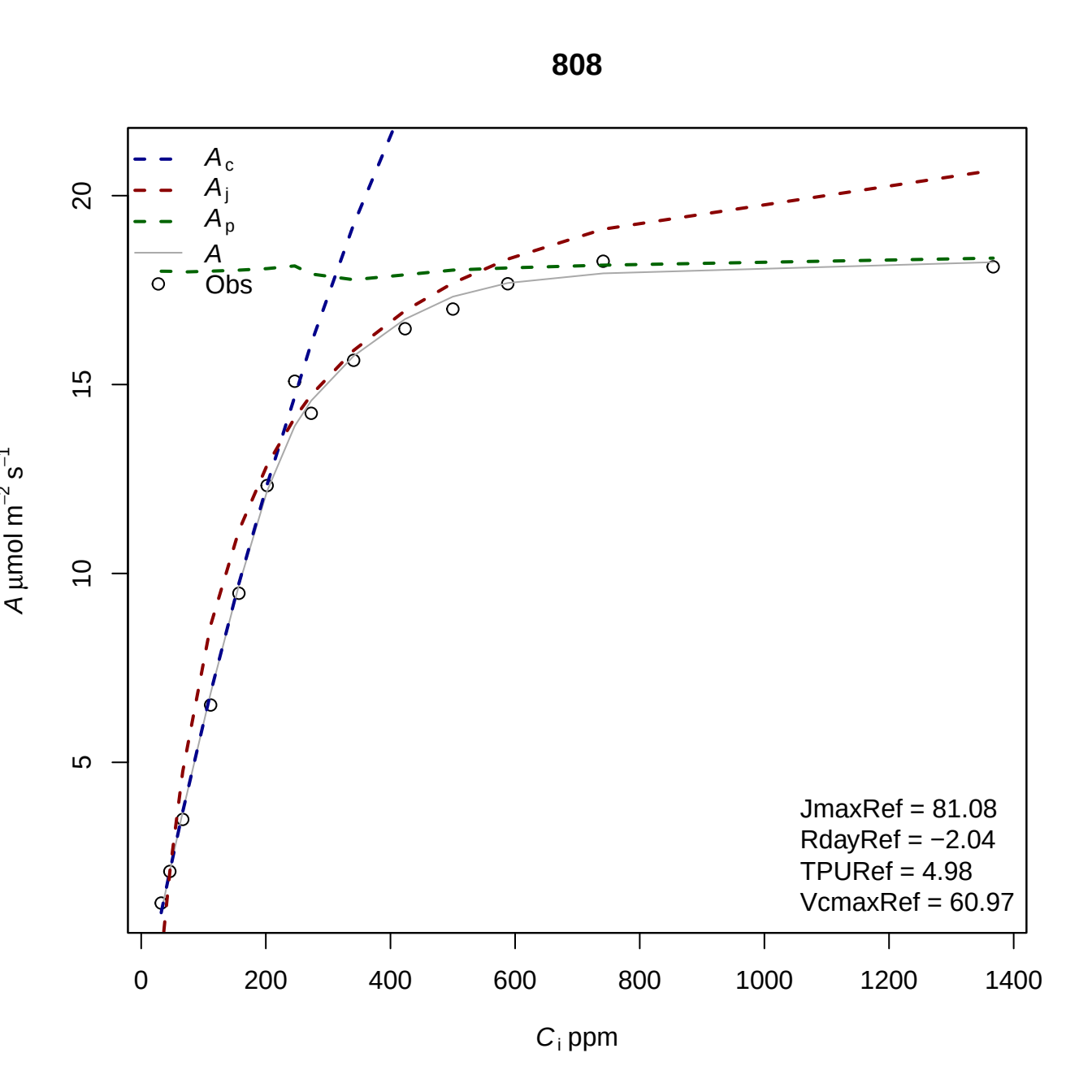

803
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 2.07
TPURef = 9999
VcmaxRef = 24.12
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

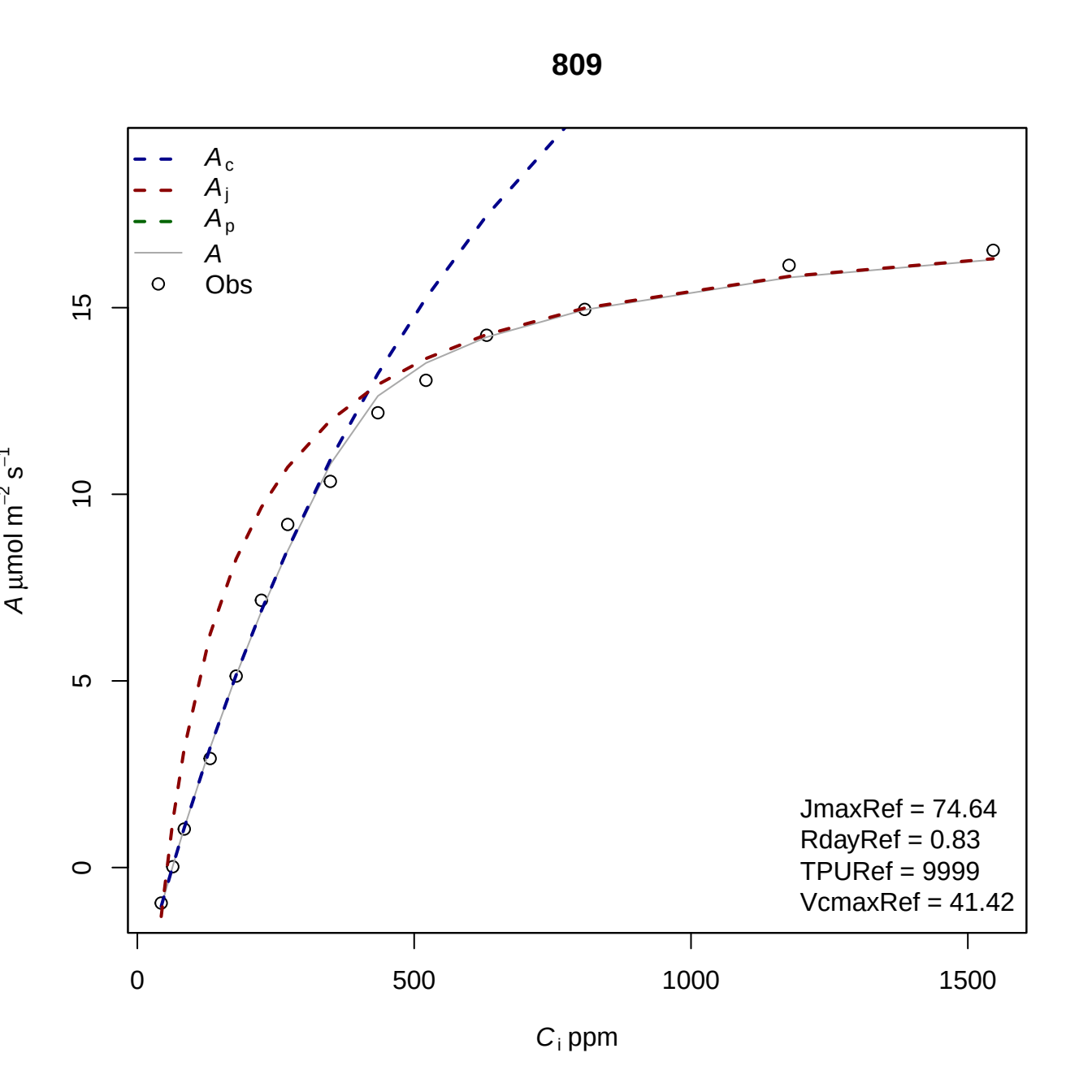

804
A_c
A_j
A_p
A
Obs
JmaxRef = 100.43
RdayRef = 0.85
TPURef = 6.4
VcmaxRef = 51.87
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

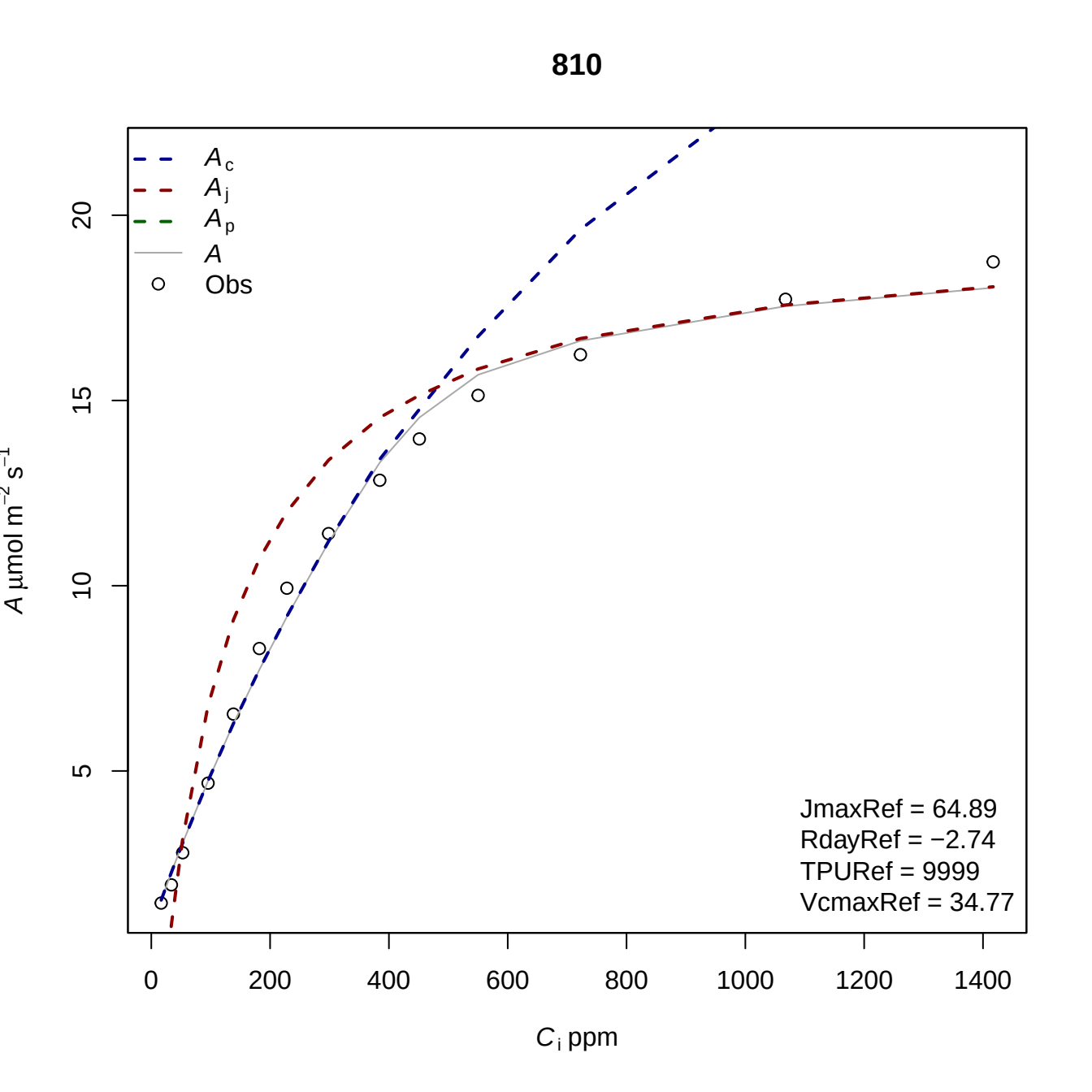

805
A_c
A_j
A_p
A
Obs
JmaxRef = 78.17
RdayRef = 1.1
TPURef = 5.18
VcmaxRef = 42.62
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

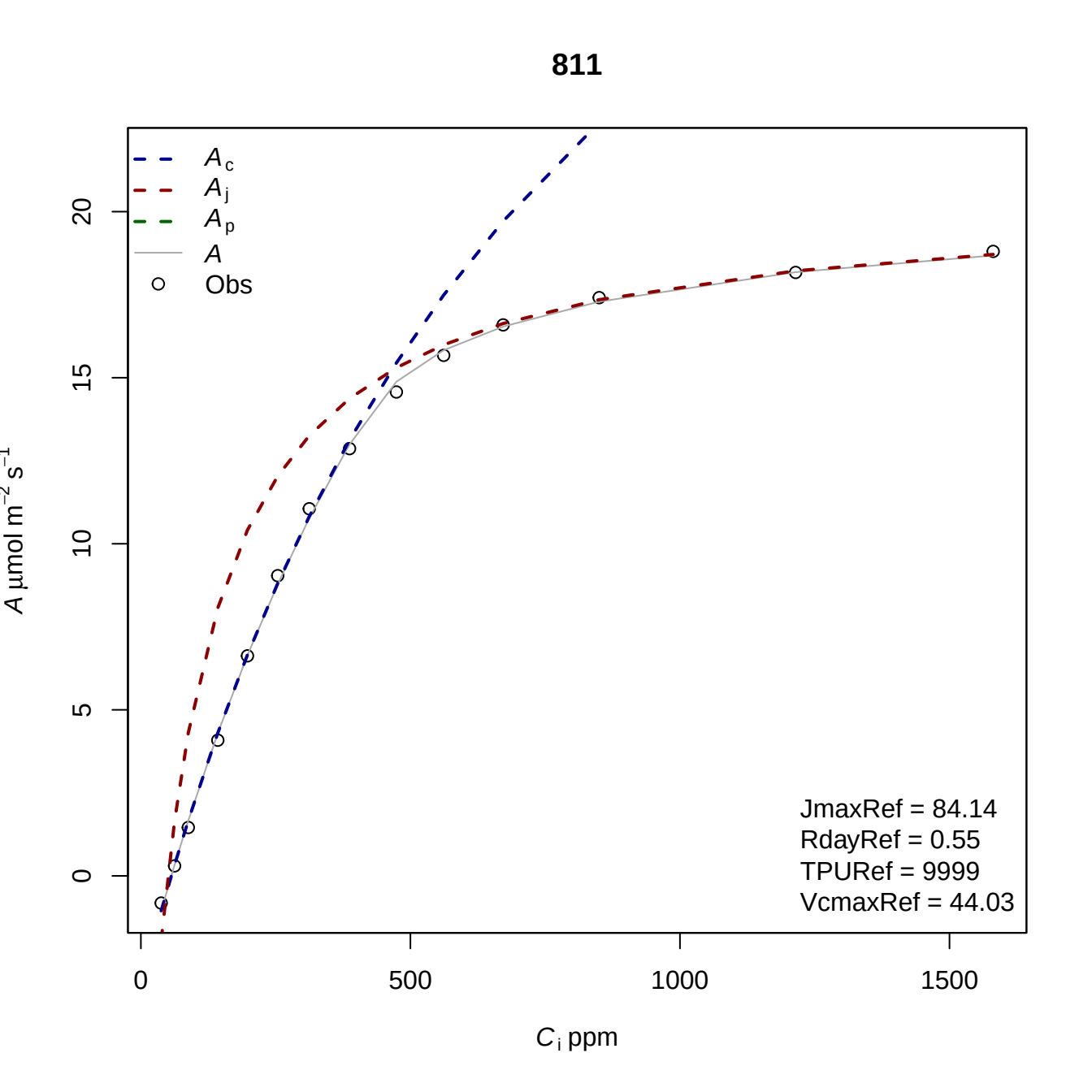

806
A_c
A_j
A_p
A
Obs
JmaxRef = 91.81
RdayRef = 1.1
TPURef = 9999
VcmaxRef = 41.5
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

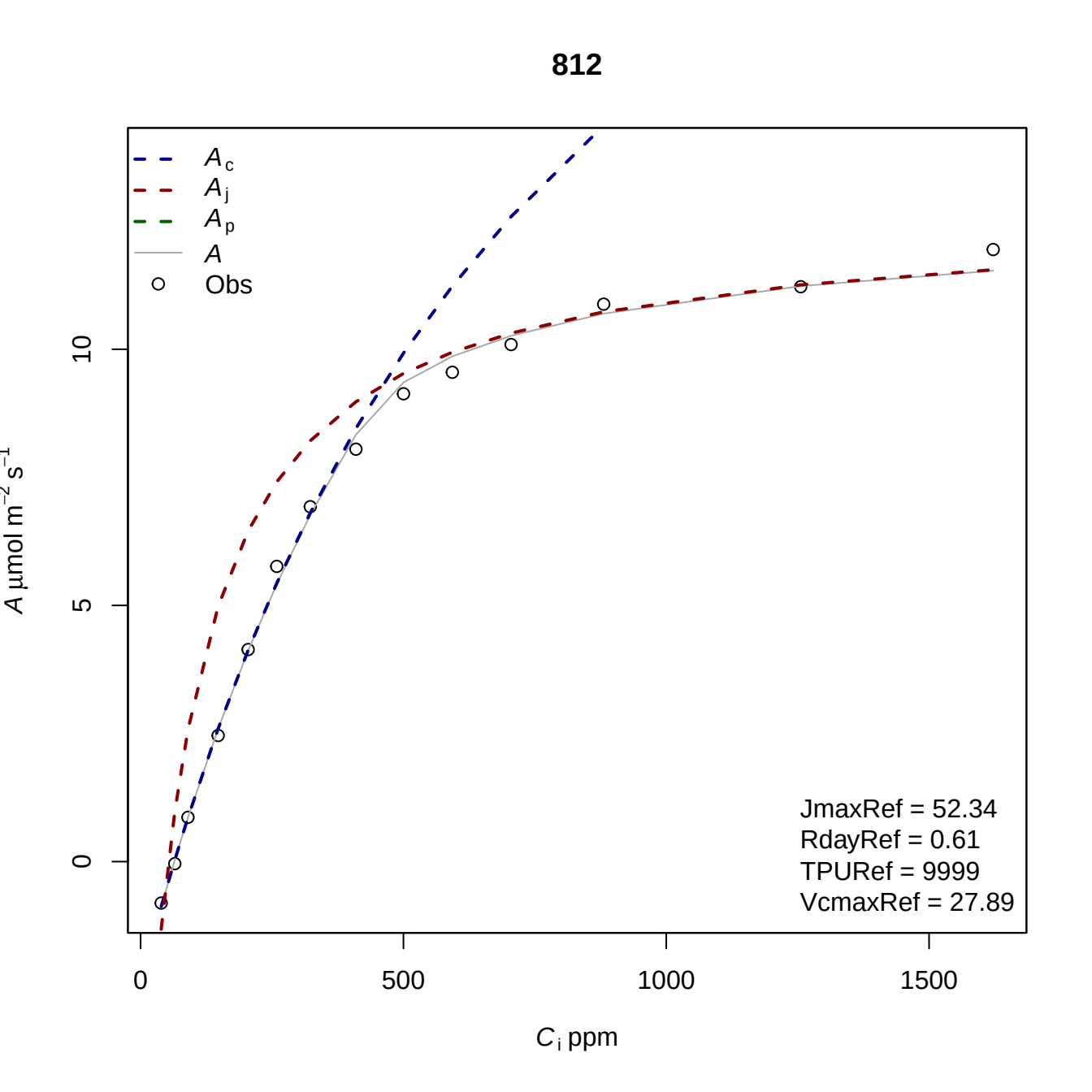

807
A_c
A_j
A_p
A
Obs
JmaxRef = 103.81
RdayRef = 0.91
TPURef = 6.4
VcmaxRef = 57.2
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

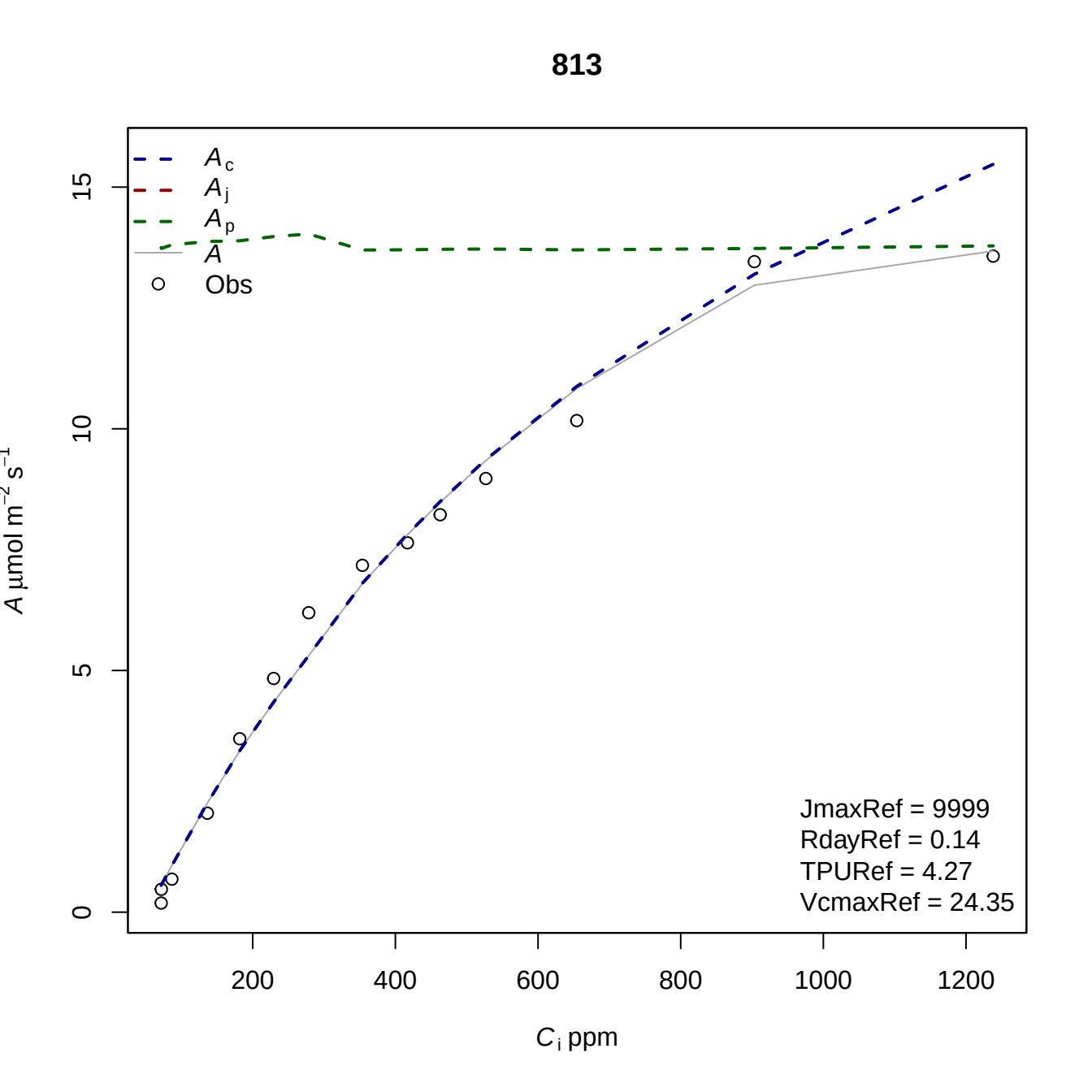

808
A_c
A_j
A_p
A
Obs
JmaxRef = 81.08
RdayRef = −2.04
TPURef = 4.98
VcmaxRef = 60.97
A µmol m^{-2} s^{-1}
C_i ppm
0
200
400
600
800
1000
1200
1400
5
10
15
20

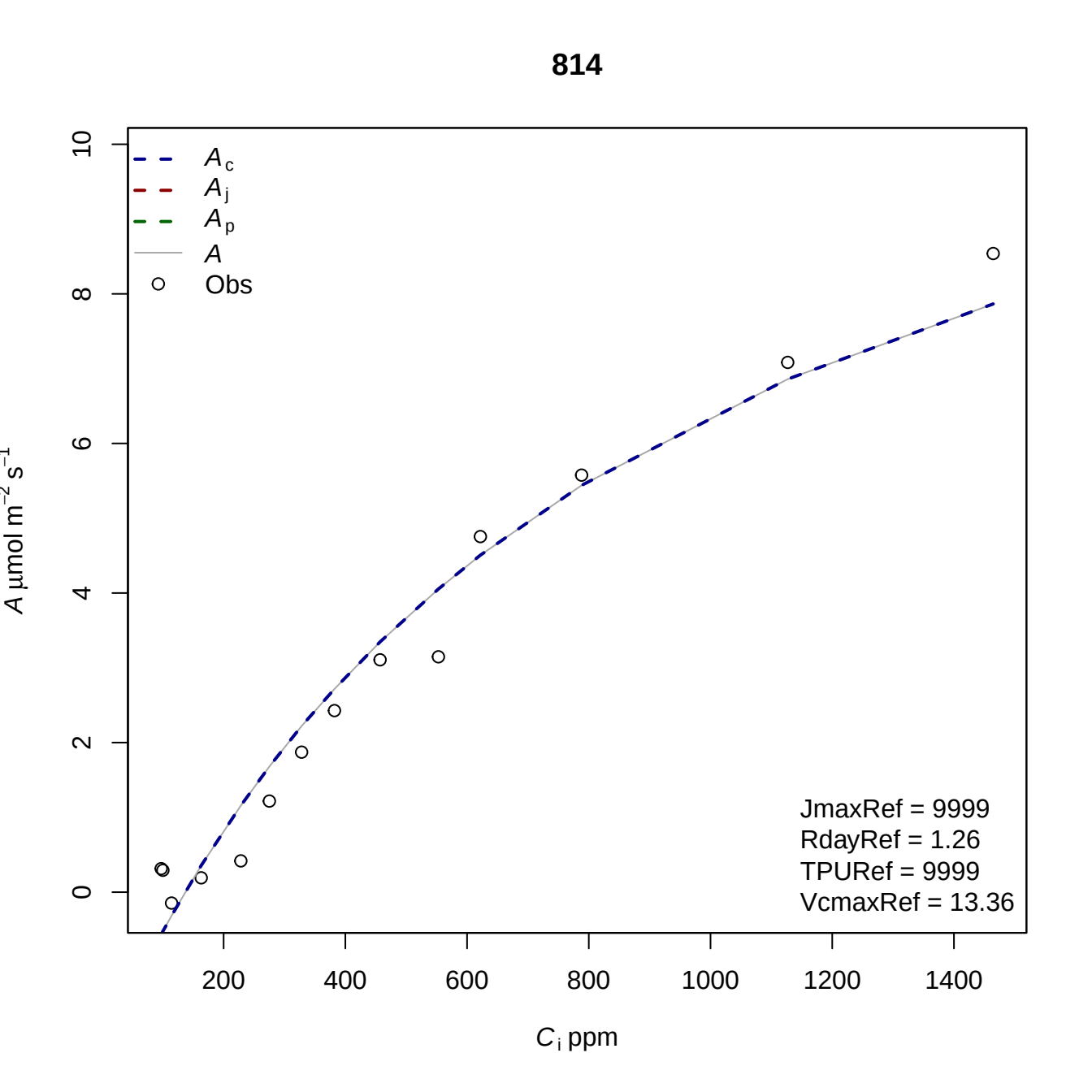

809
A_c
A_j
A_p
A
Obs
JmaxRef = 74.64
RdayRef = 0.83
TPURef = 9999
VcmaxRef = 41.42
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

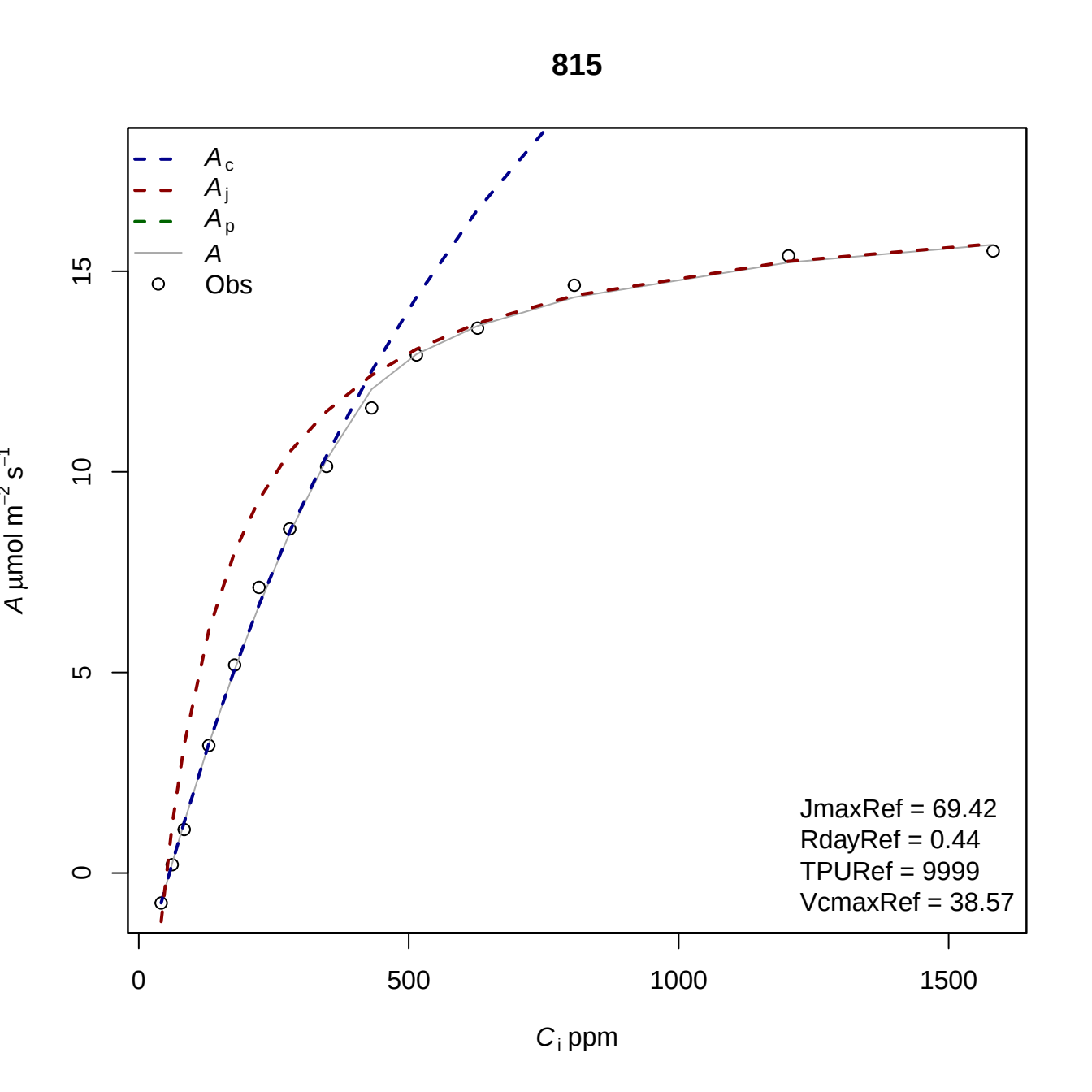

810
A_c
A_j
A_p
A
Obs
JmaxRef = 64.89
RdayRef = −2.74
TPURef = 9999
VcmaxRef = 34.77
A µmol m^{-2} s^{-1}
C_i ppm
0
200
400
600
800
1000
1200
1400
5
10
15
20

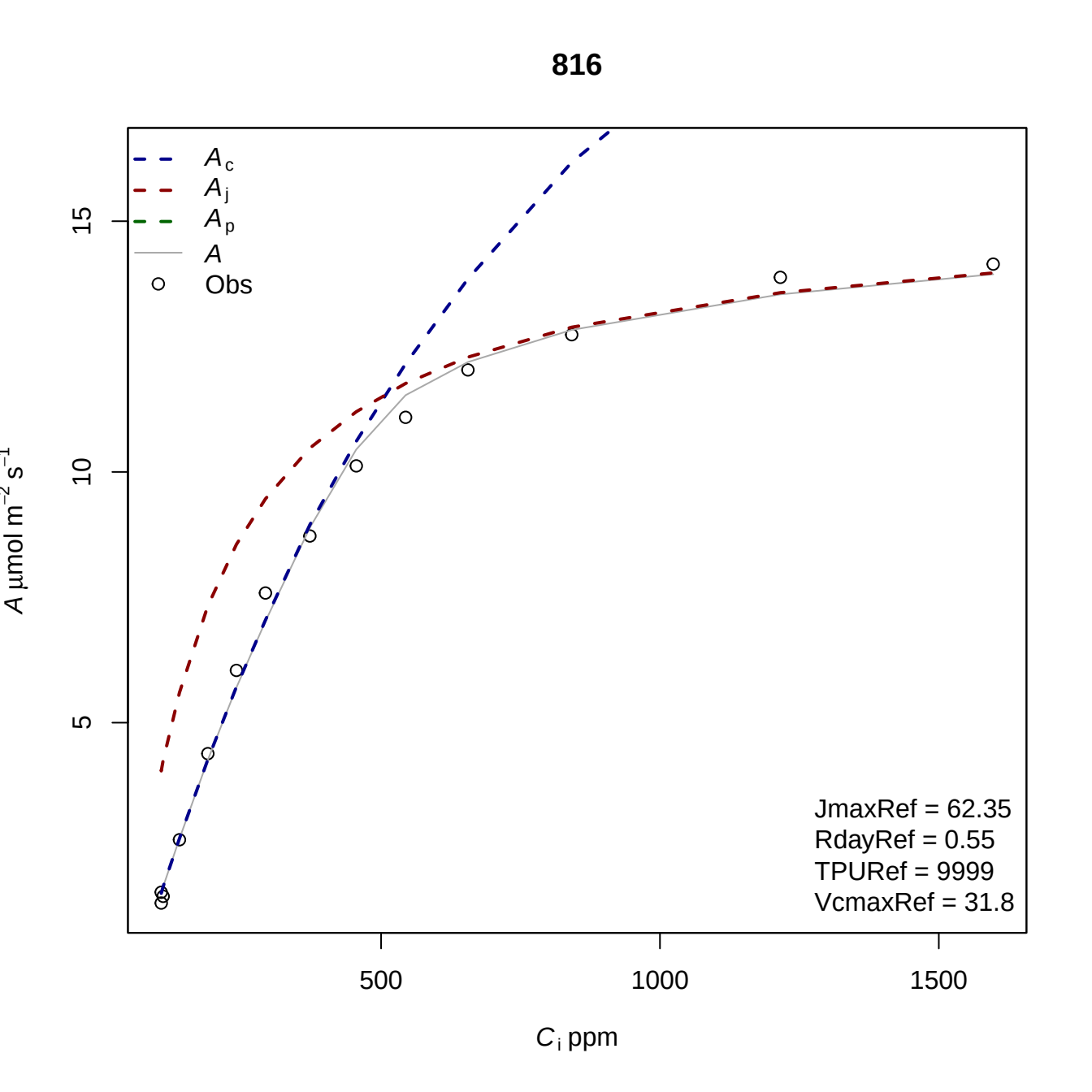

811
A_c
A_j
A_p
A
Obs
JmaxRef = 84.14
RdayRef = 0.55
TPURef = 9999
VcmaxRef = 44.03
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

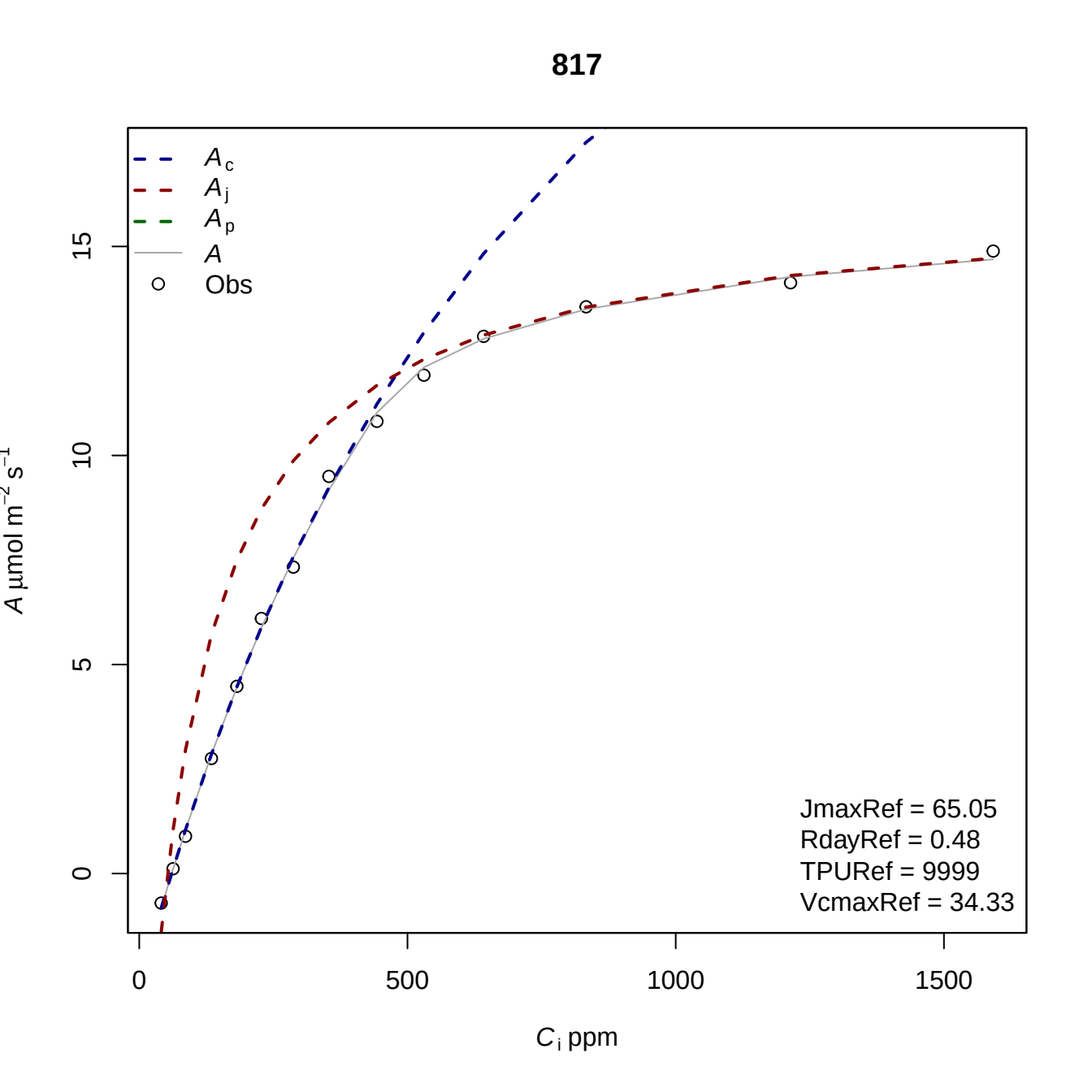

812
A_c
A_j
A_p
A
Obs
JmaxRef = 52.34
RdayRef = 0.61
TPURef = 9999
VcmaxRef = 27.89
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
0
500
1000
1500

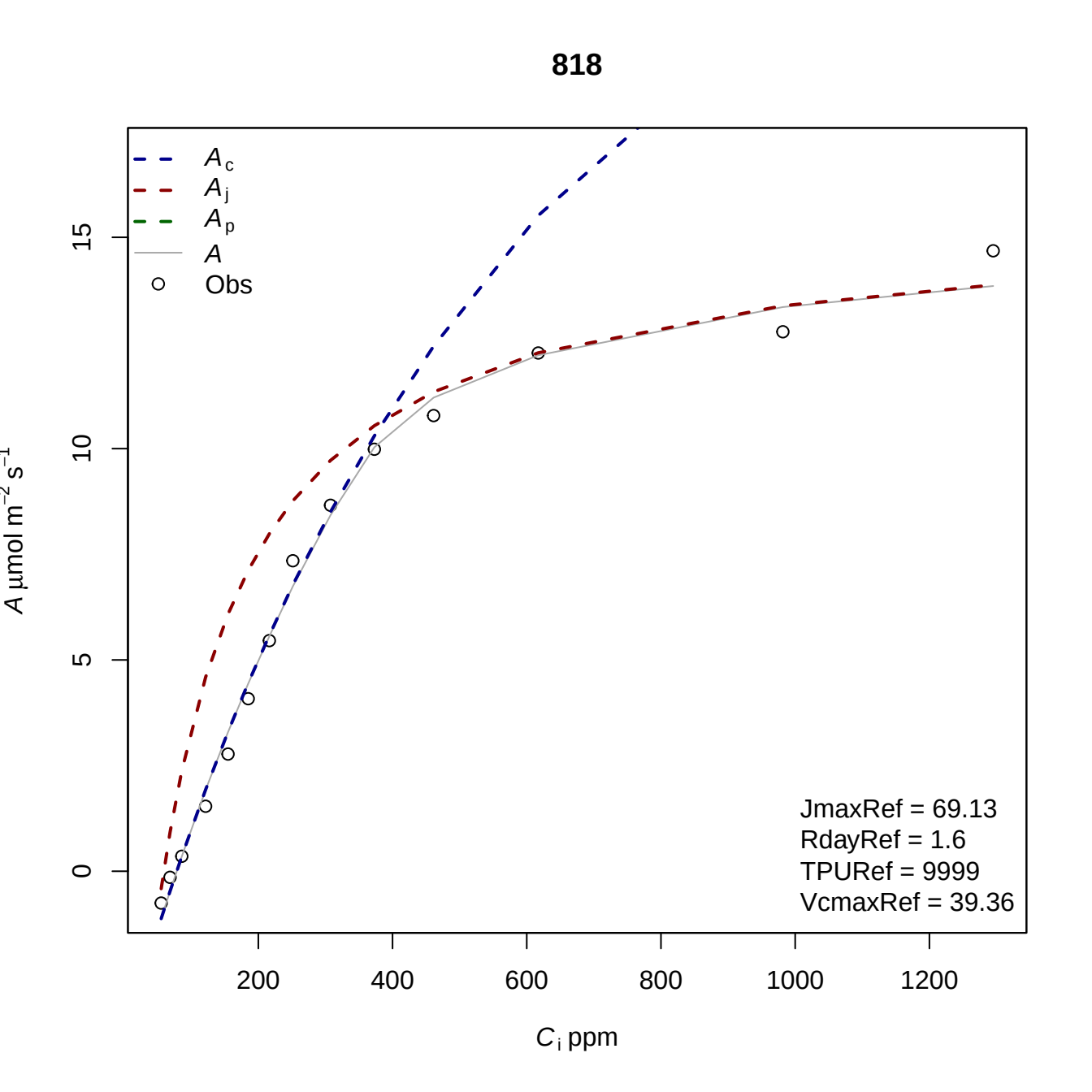

813
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.14
TPURef = 4.27
VcmaxRef = 24.35
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

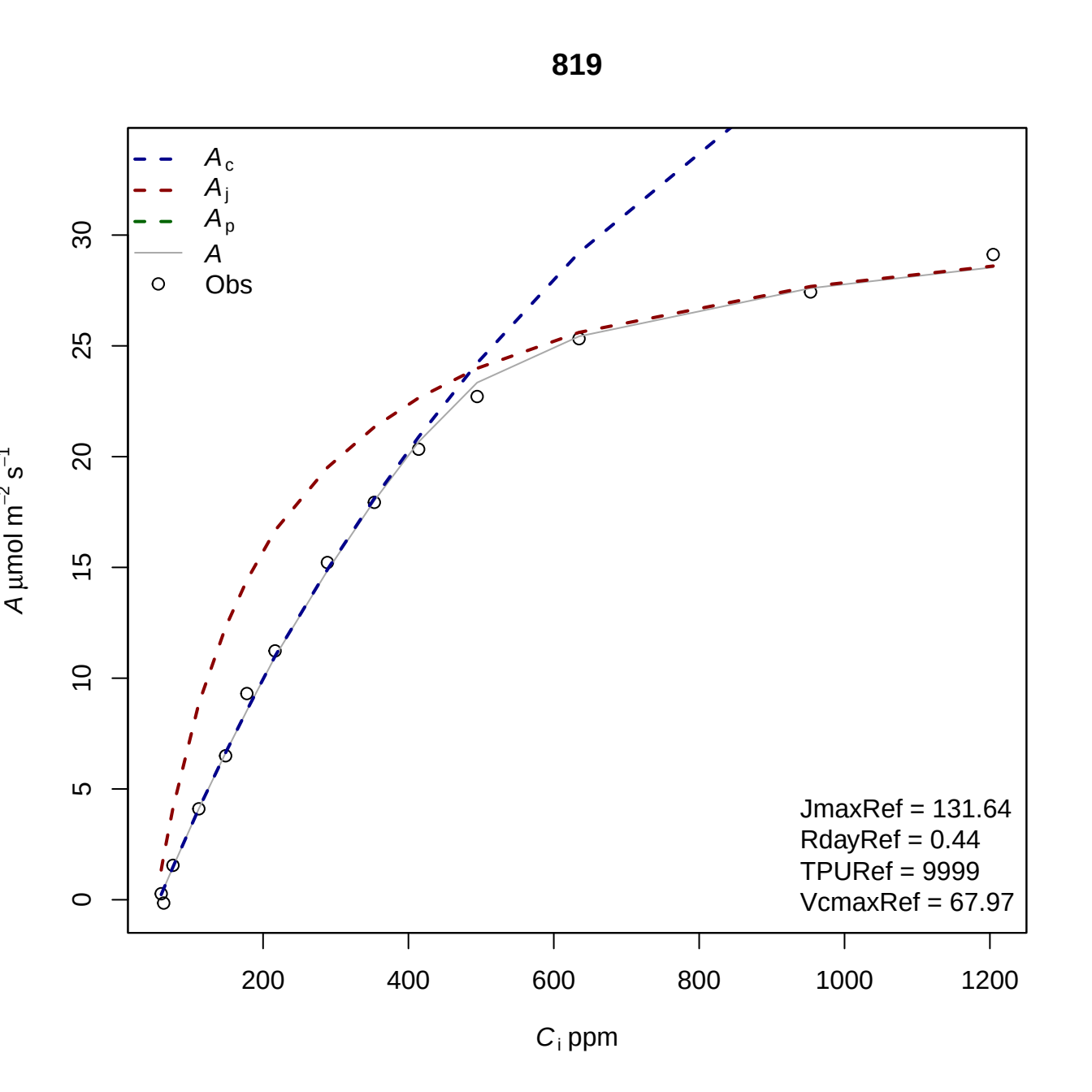

814
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.26
TPURef = 9999
VcmaxRef = 13.36
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000
1200
1400

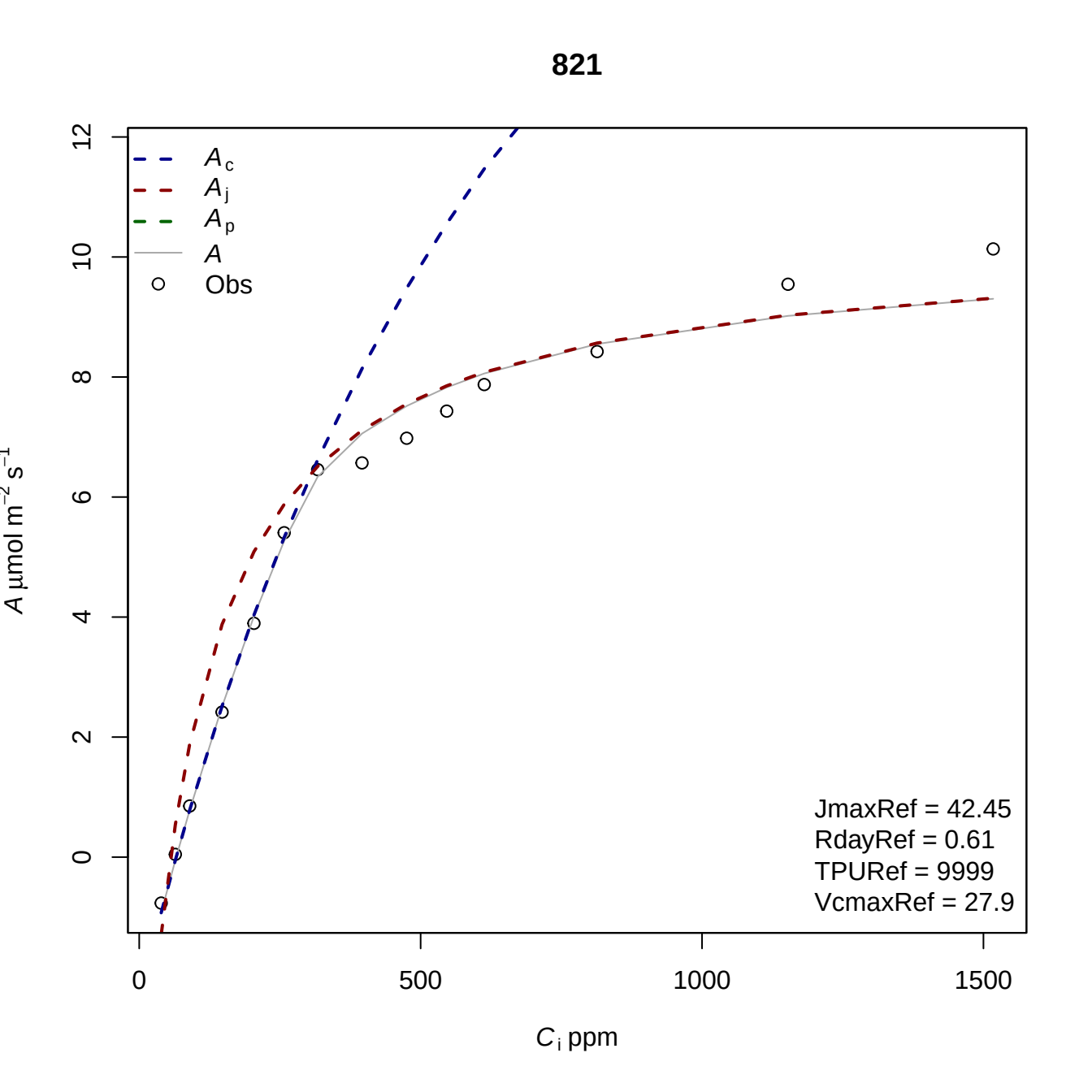

815
A_c
A_j
A_p
A
Obs
JmaxRef = 69.42
RdayRef = 0.44
TPURef = 9999
VcmaxRef = 38.57
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

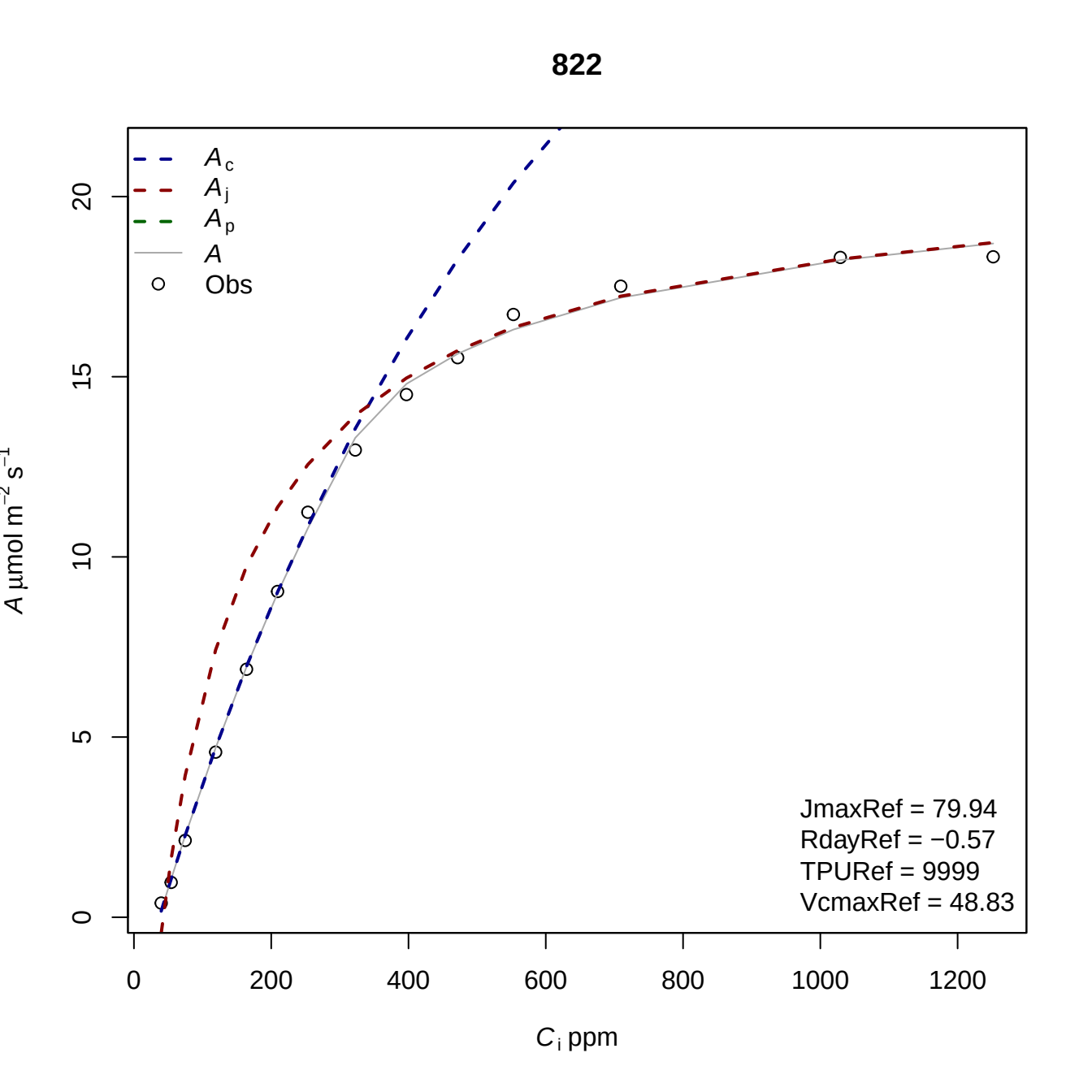

816
A_c
A_j
A_p
A
Obs
JmaxRef = 62.35
RdayRef = 0.55
TPURef = 9999
VcmaxRef = 31.8
5
10
15
500
1000
1500
A µmol m^{-2} s^{-1}
C_i ppm

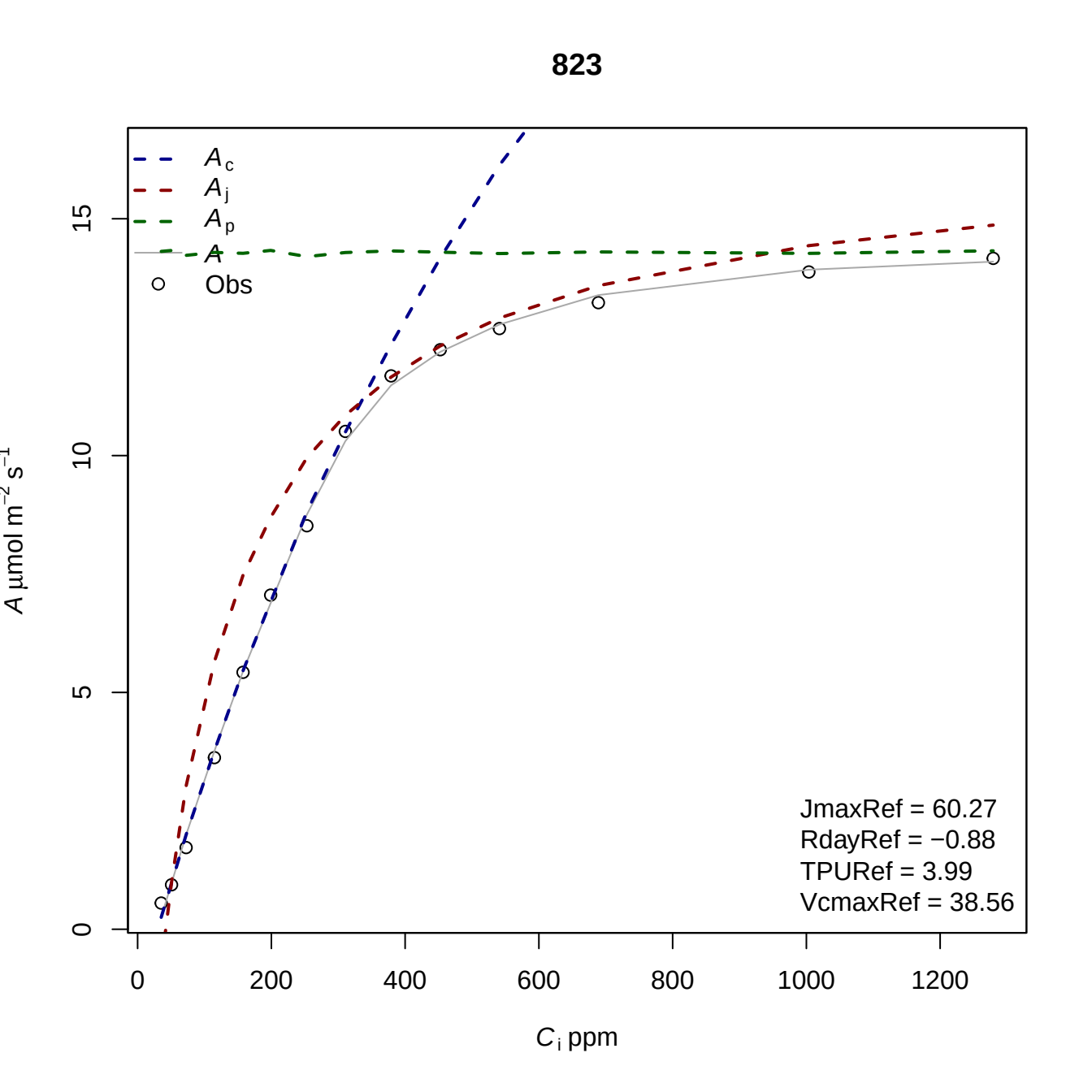

817
A_c
A_j
A_p
A
Obs
JmaxRef = 65.05
RdayRef = 0.48
TPURef = 9999
VcmaxRef = 34.33
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

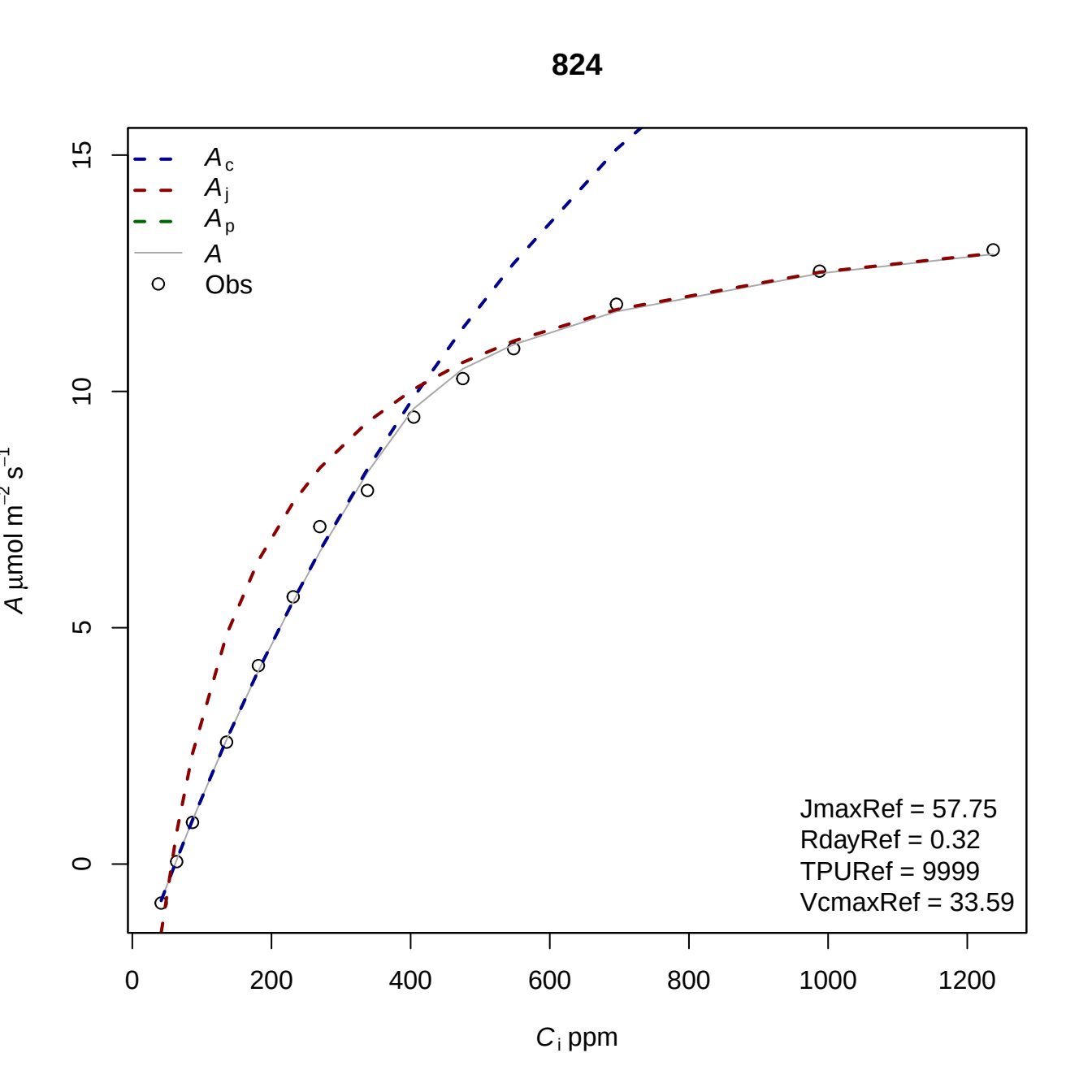

818
A_c
A_j
A_p
A
Obs
JmaxRef = 69.13
RdayRef = 1.6
TPURef = 9999
VcmaxRef = 39.36
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

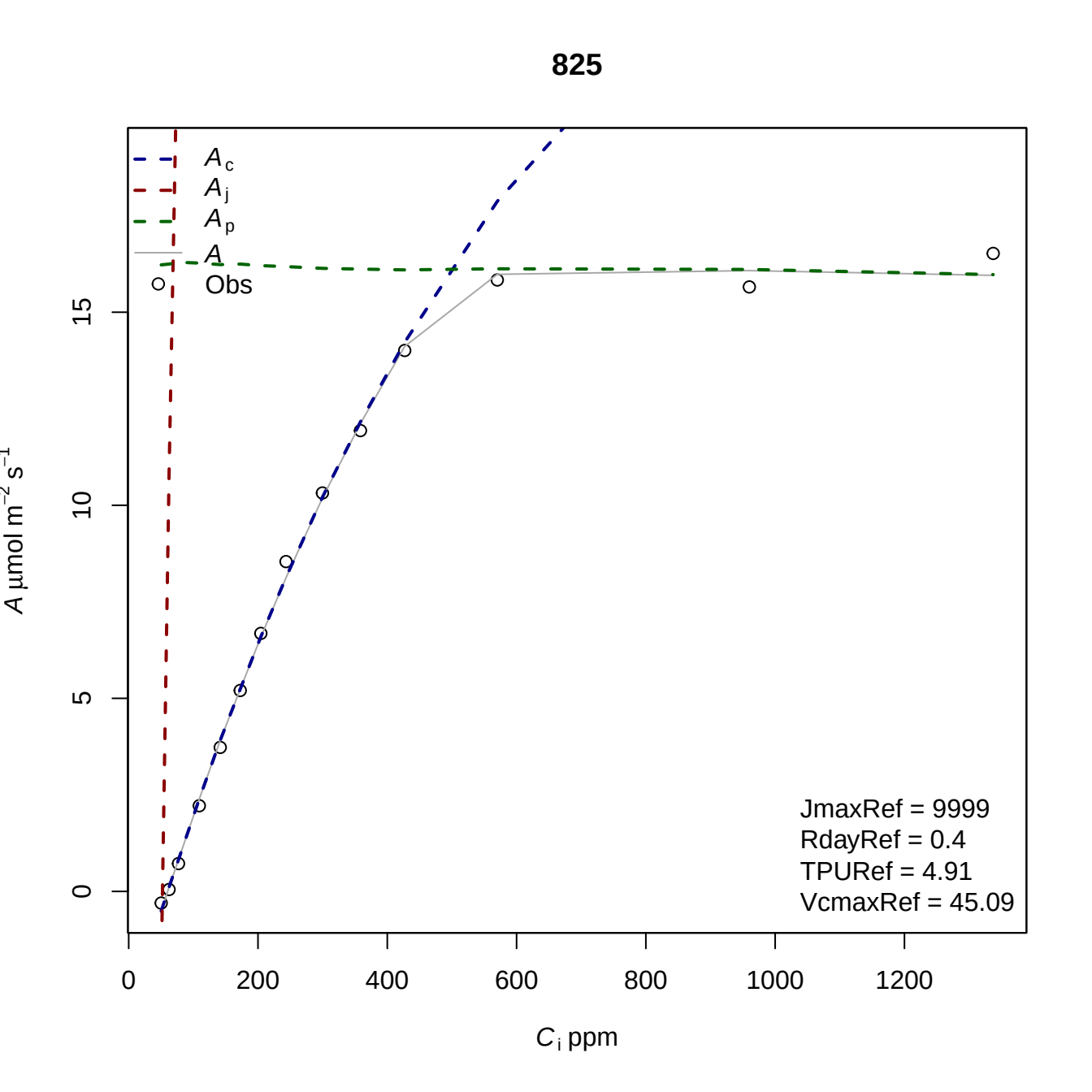

819
A_c
A_j
A_p
A
Obs
JmaxRef = 131.64
RdayRef = 0.44
TPURef = 9999
VcmaxRef = 67.97
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000
1200

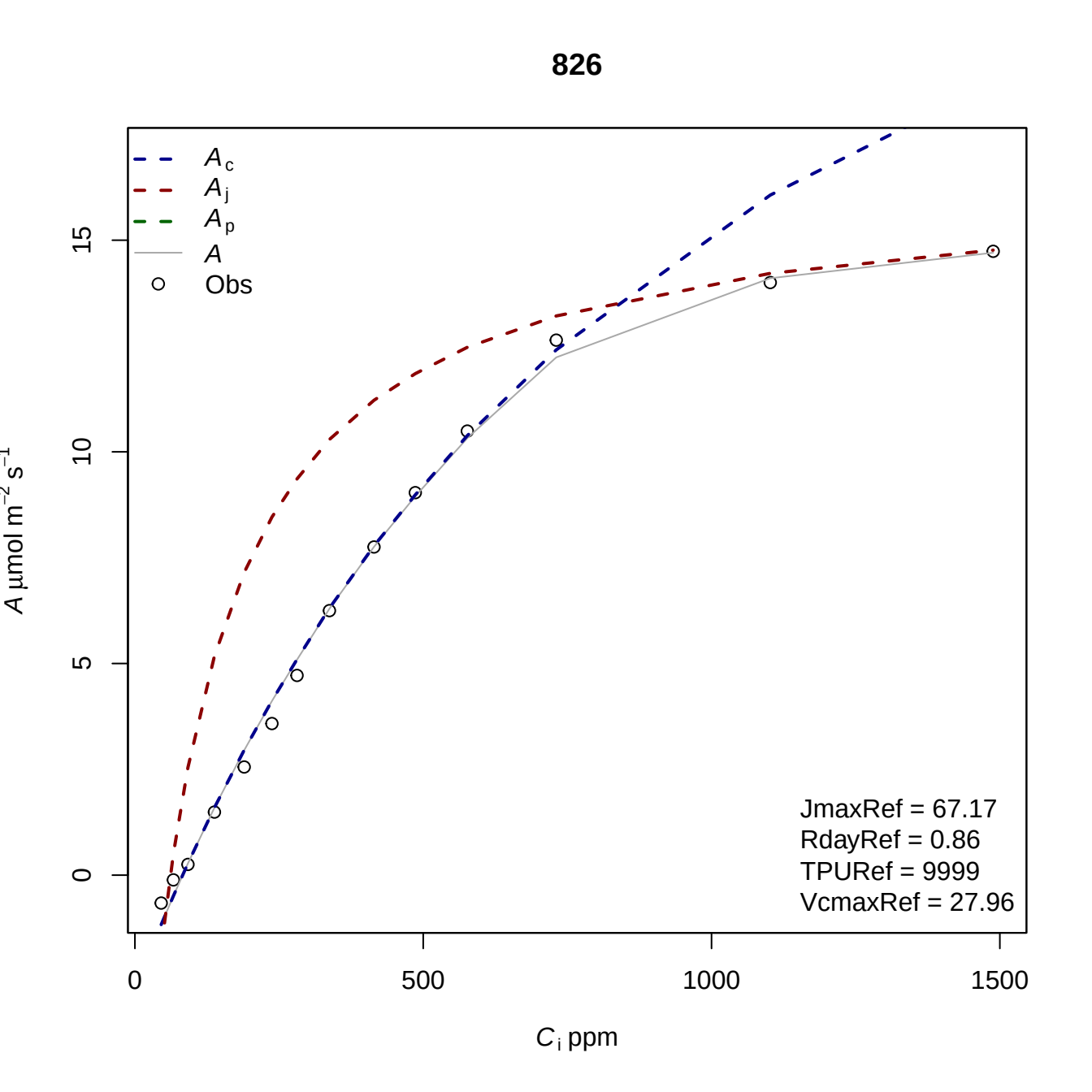

821
A_c
A_j
A_p
A
Obs
JmaxRef = 42.45
RdayRef = 0.61
TPURef = 9999
VcmaxRef = 27.9
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
0
500
1000
1500

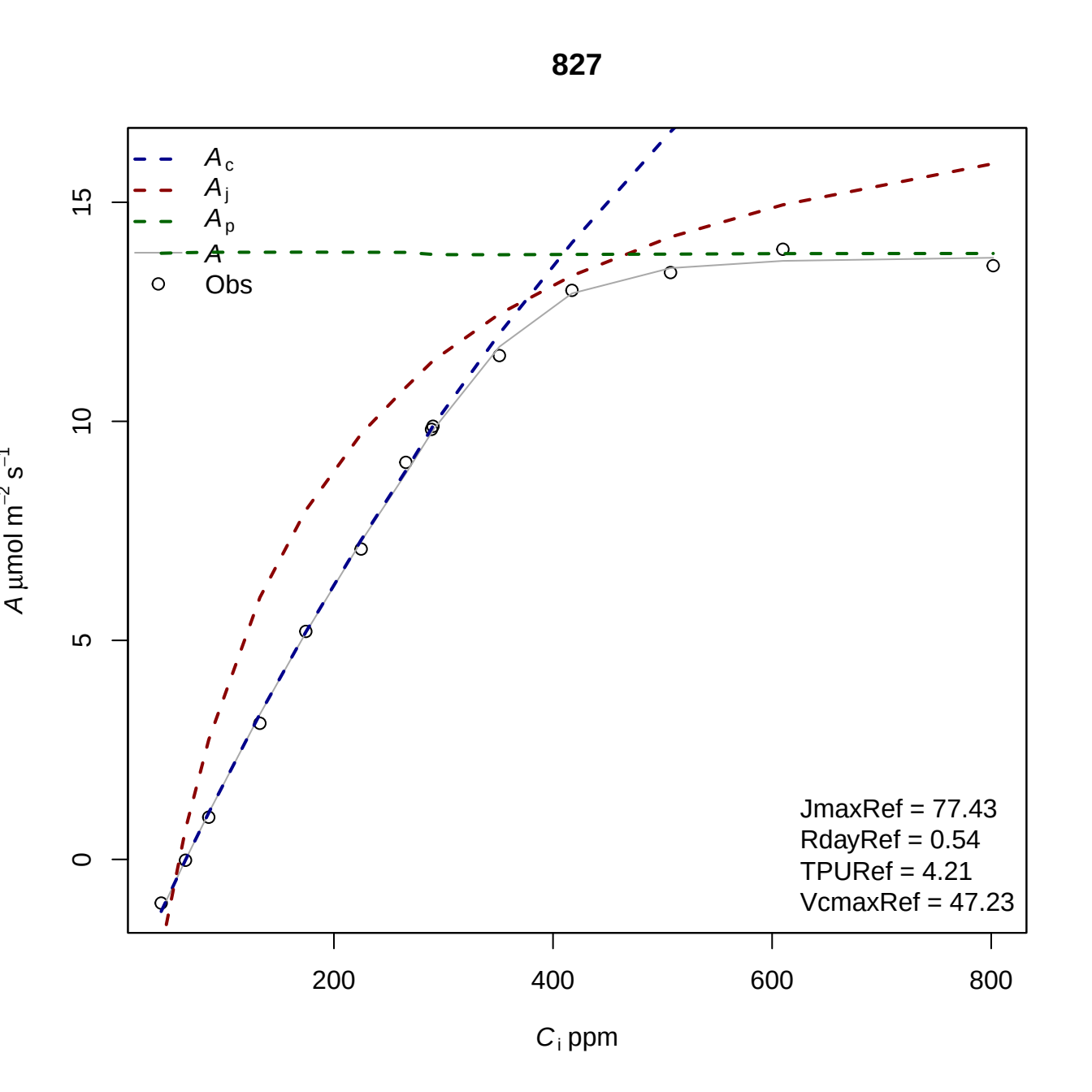

822
A_c
A_j
A_p
A
Obs
JmaxRef = 79.94
RdayRef = −0.57
TPURef = 9999
VcmaxRef = 48.83
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

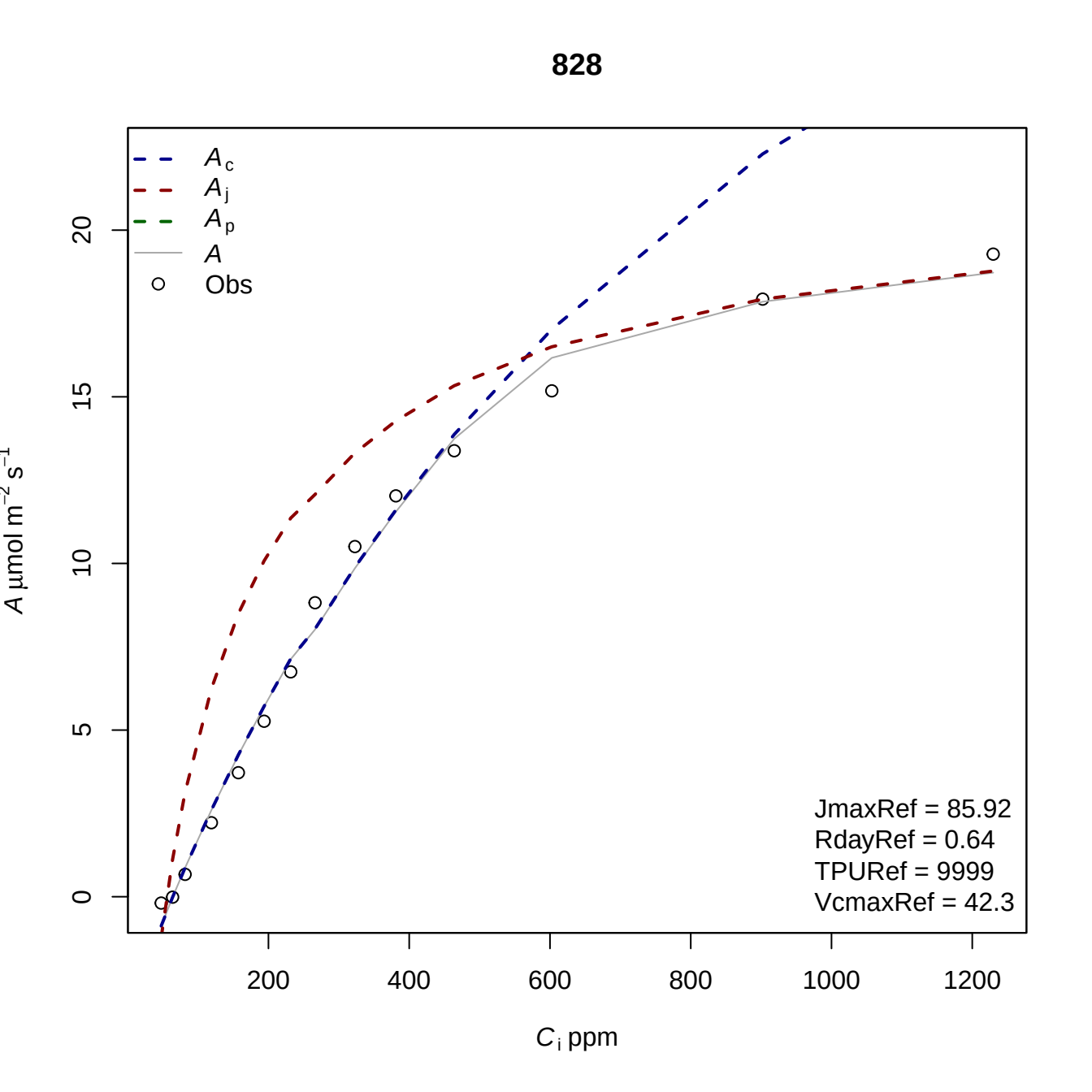

823
A_c
A_j
A_p
A
Obs
JmaxRef = 60.27
RdayRef = −0.88
TPURef = 3.99
VcmaxRef = 38.56
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200

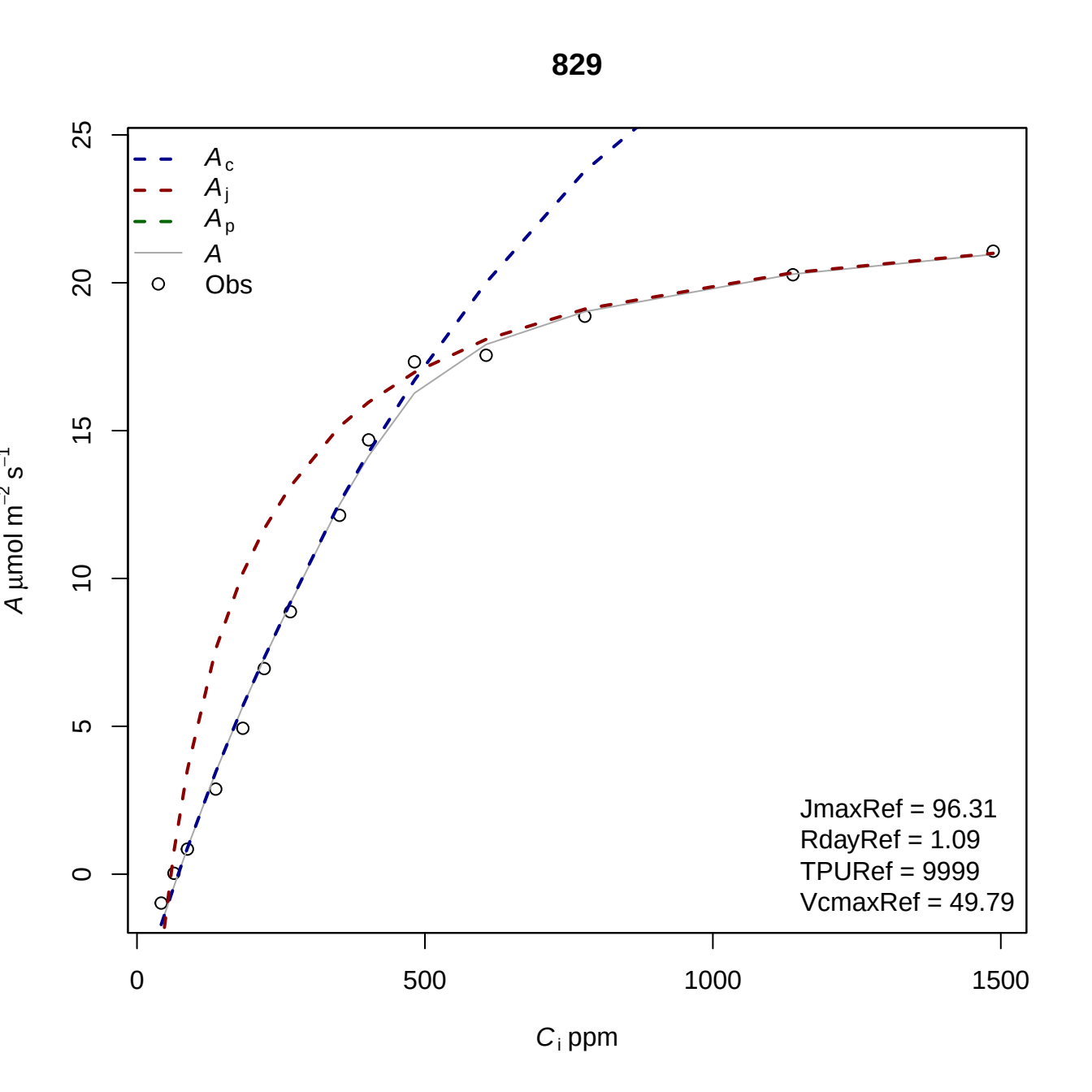

824
A_c
A_j
A_p
A
Obs
JmaxRef = 57.75
RdayRef = 0.32
TPURef = 9999
VcmaxRef = 33.59
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200

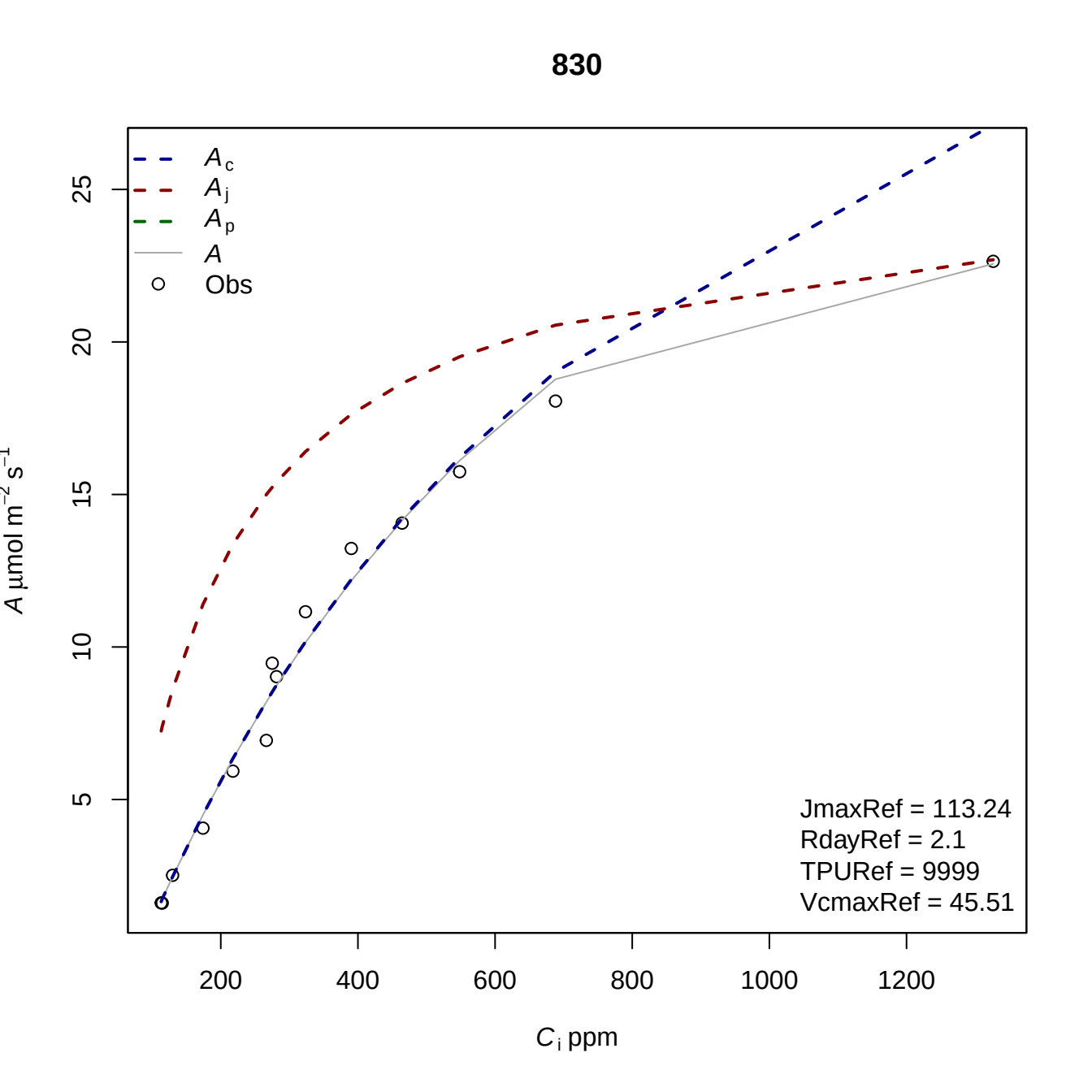

825
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.4
TPURef = 4.91
VcmaxRef = 45.09
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200

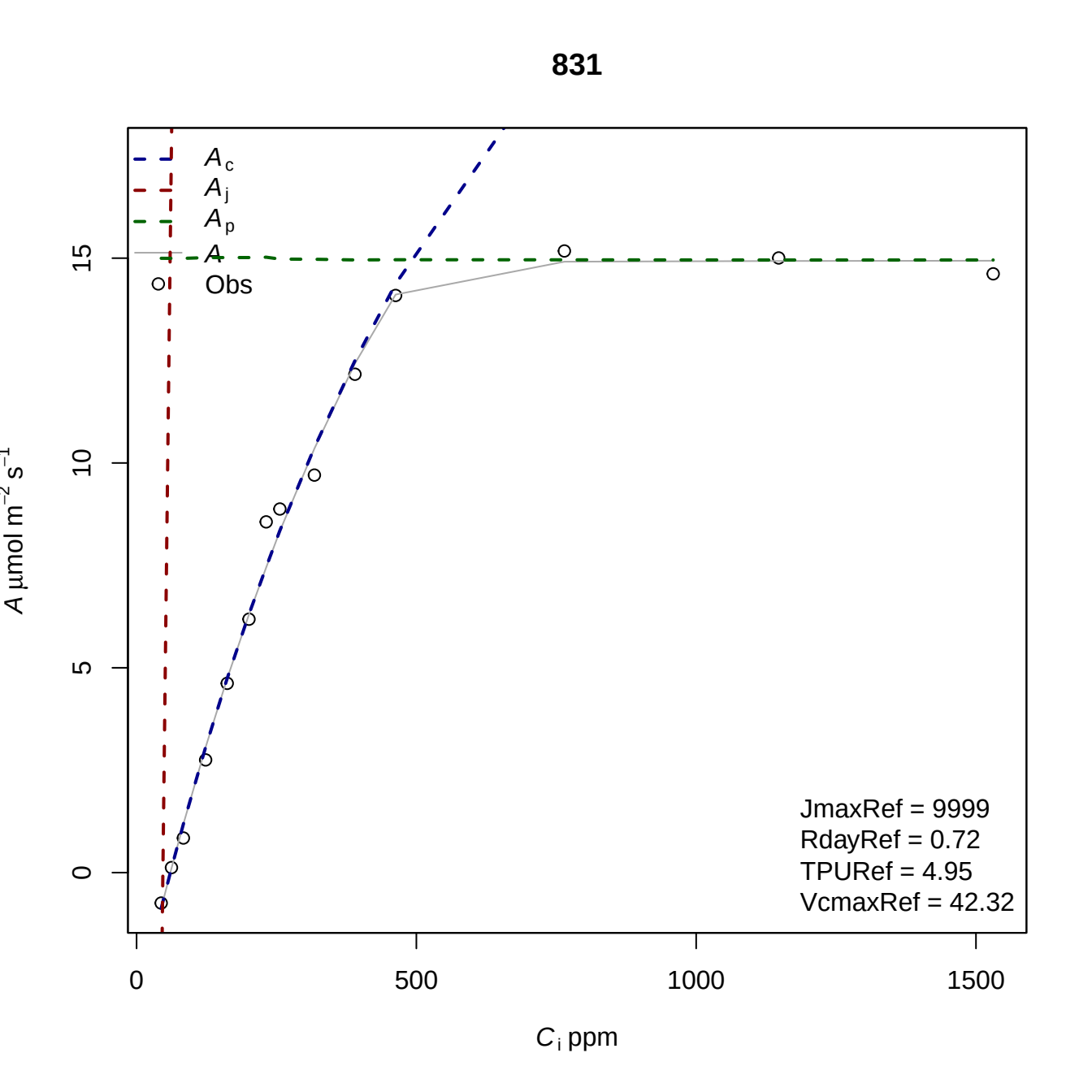

826
A_c
A_j
A_p
A
Obs
JmaxRef = 67.17
RdayRef = 0.86
TPURef = 9999
VcmaxRef = 27.96
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

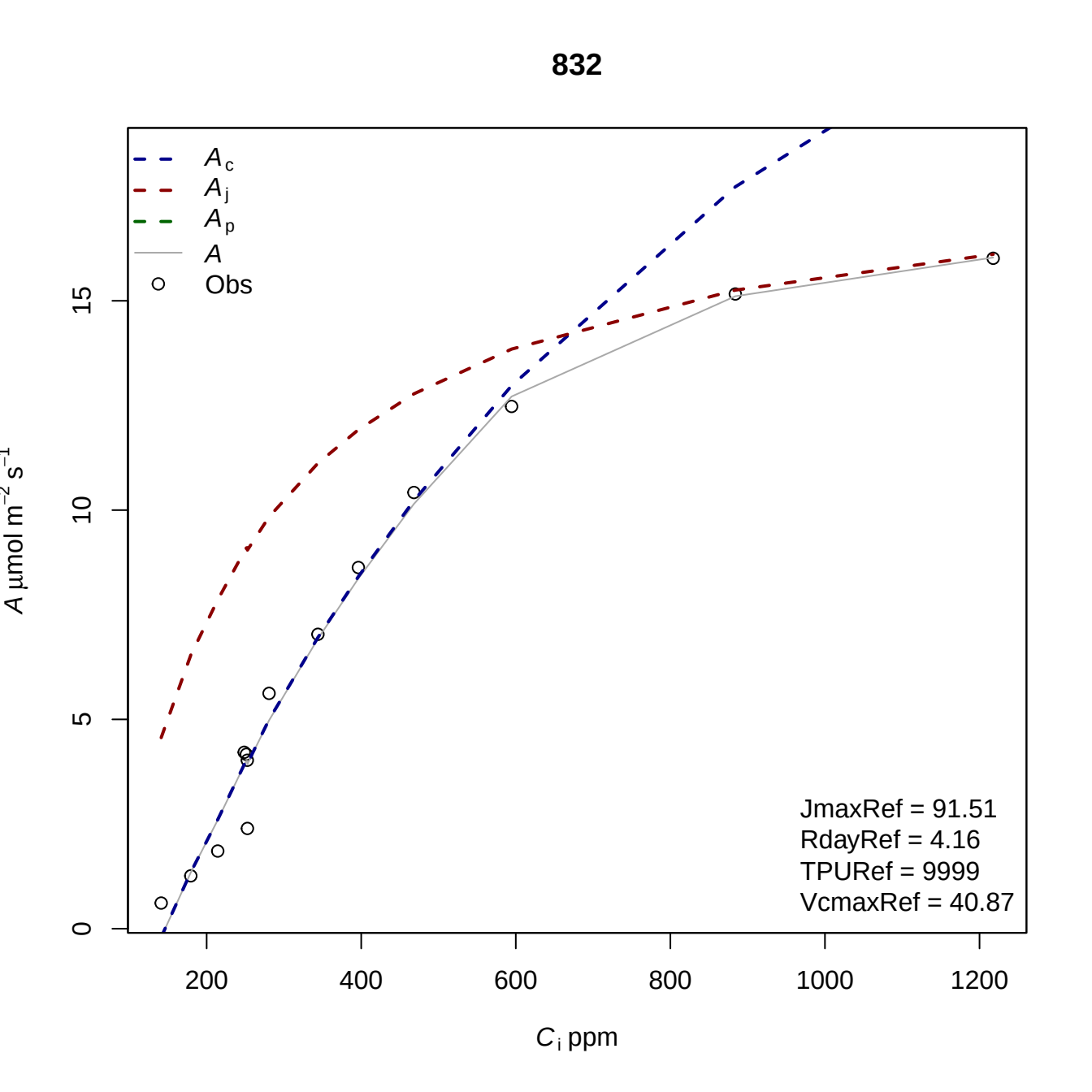

827
A_c
A_j
A_p
A
Obs
JmaxRef = 77.43
RdayRef = 0.54
TPURef = 4.21
VcmaxRef = 47.23
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800

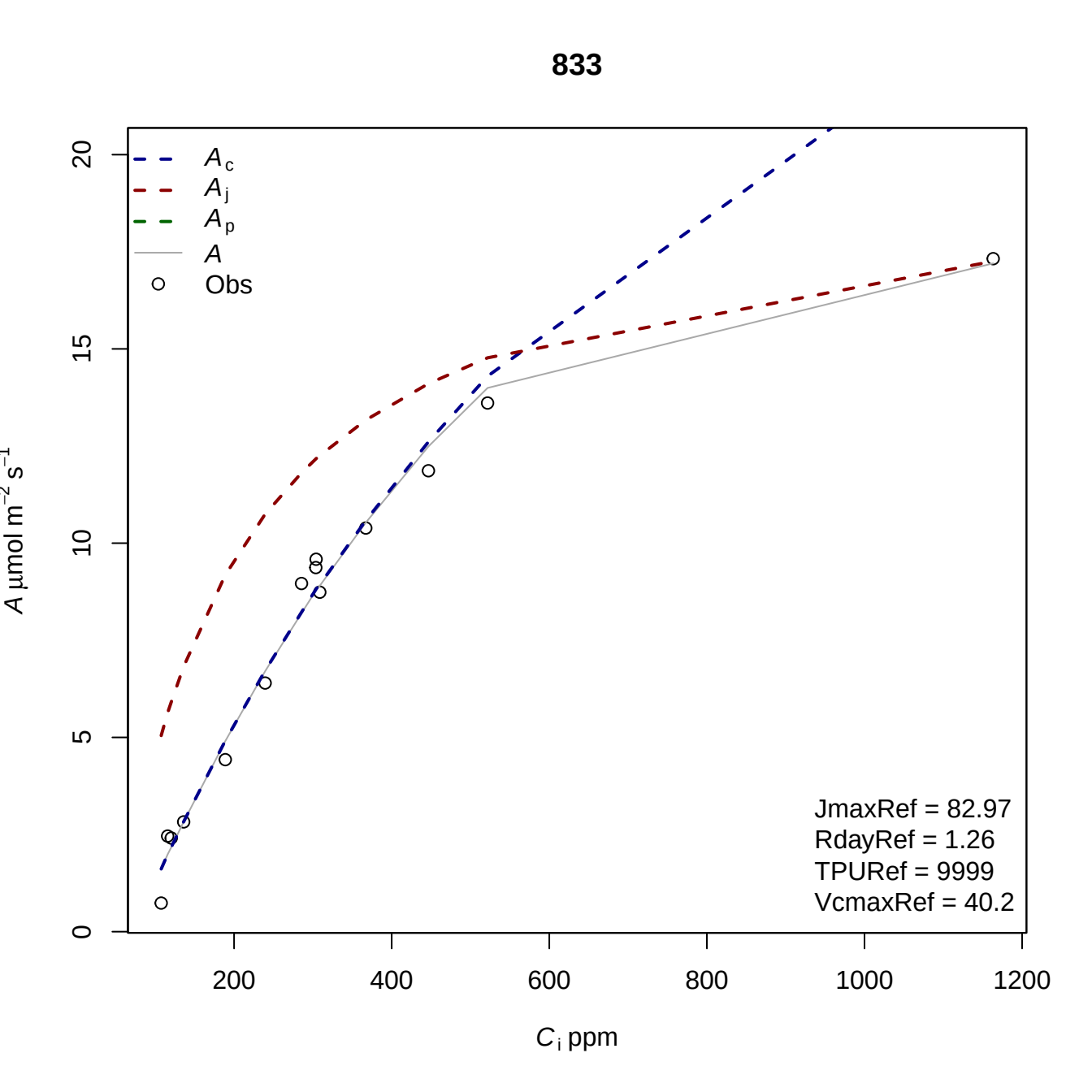

828
A_c
A_j
A_p
A
Obs
JmaxRef = 85.92
RdayRef = 0.64
TPURef = 9999
VcmaxRef = 42.3
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

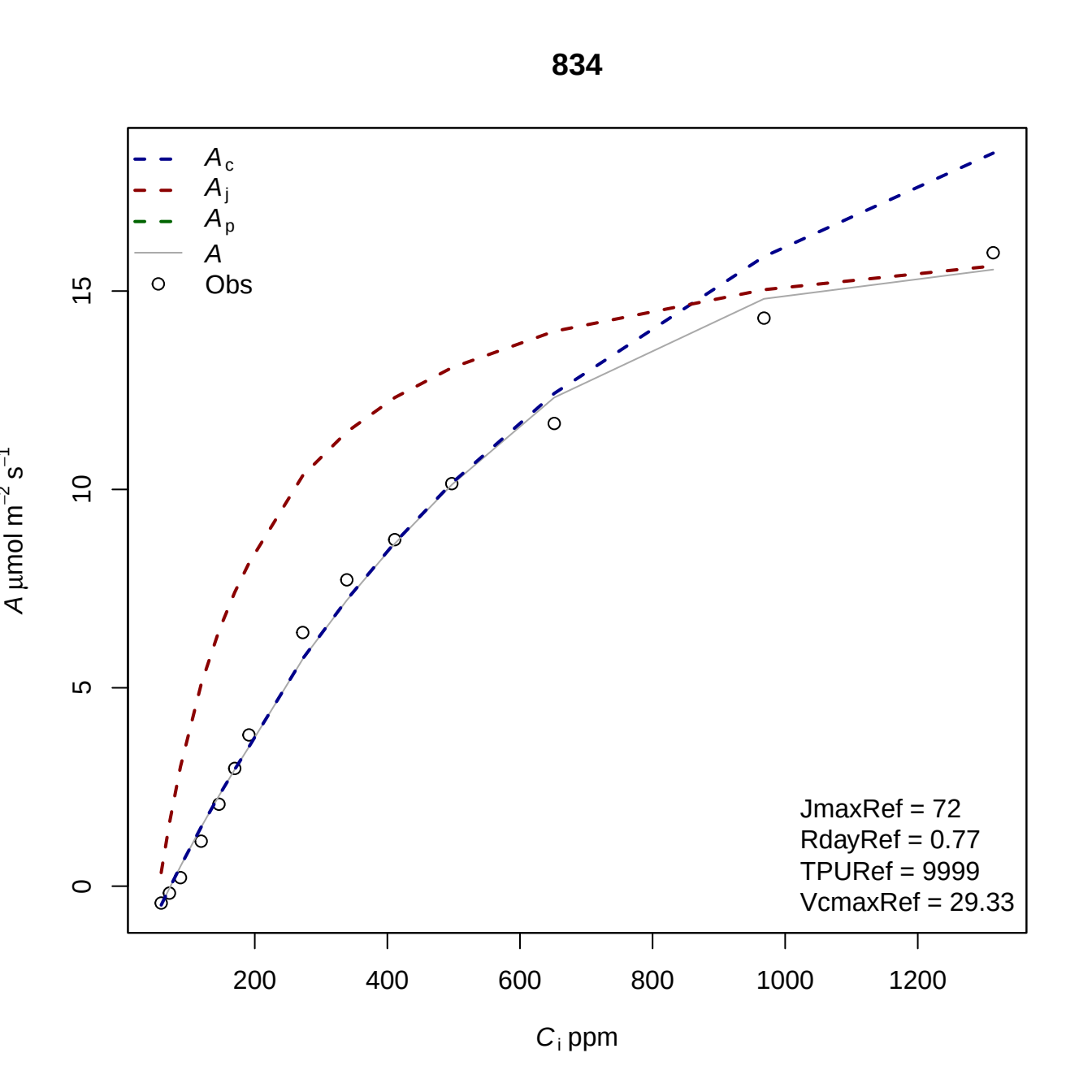

829
A_c
A_j
A_p
A
Obs
JmaxRef = 96.31
RdayRef = 1.09
TPURef = 9999
VcmaxRef = 49.79
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

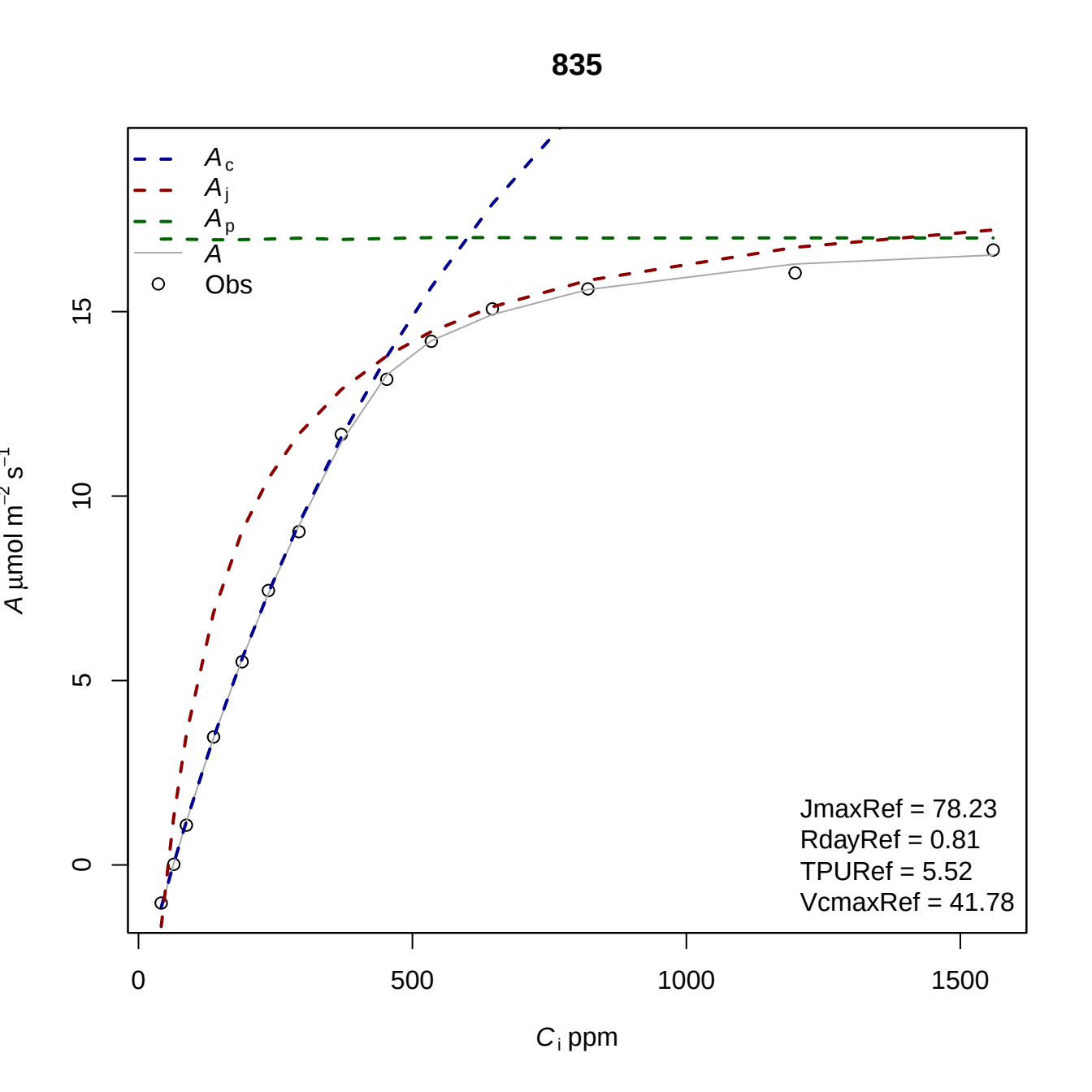

830
A_c
A_j
A_p
A
Obs
JmaxRef = 113.24
RdayRef = 2.1
TPURef = 9999
VcmaxRef = 45.51
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
200
400
600
800
1000
1200

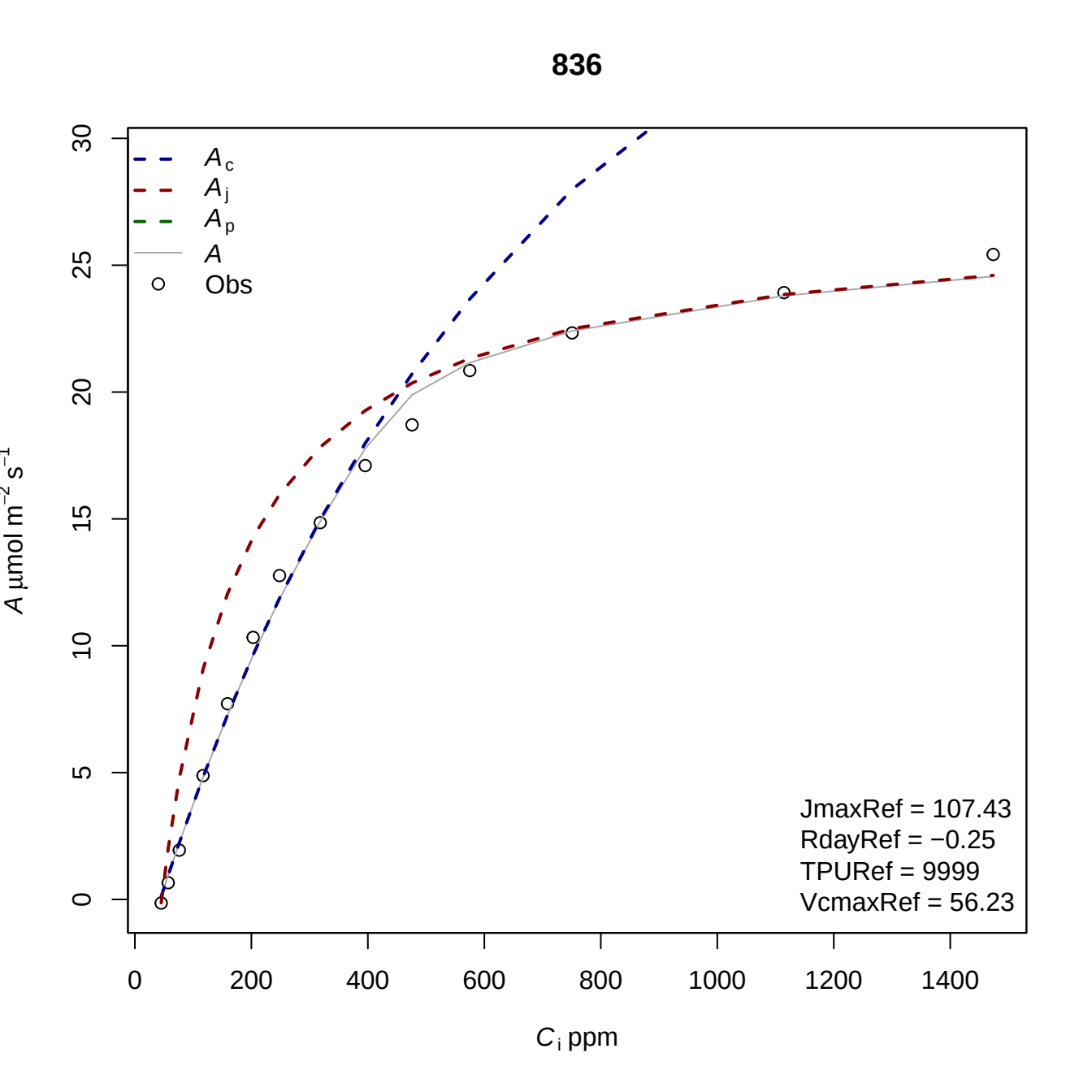

831
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.72
TPURef = 4.95
VcmaxRef = 42.32
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

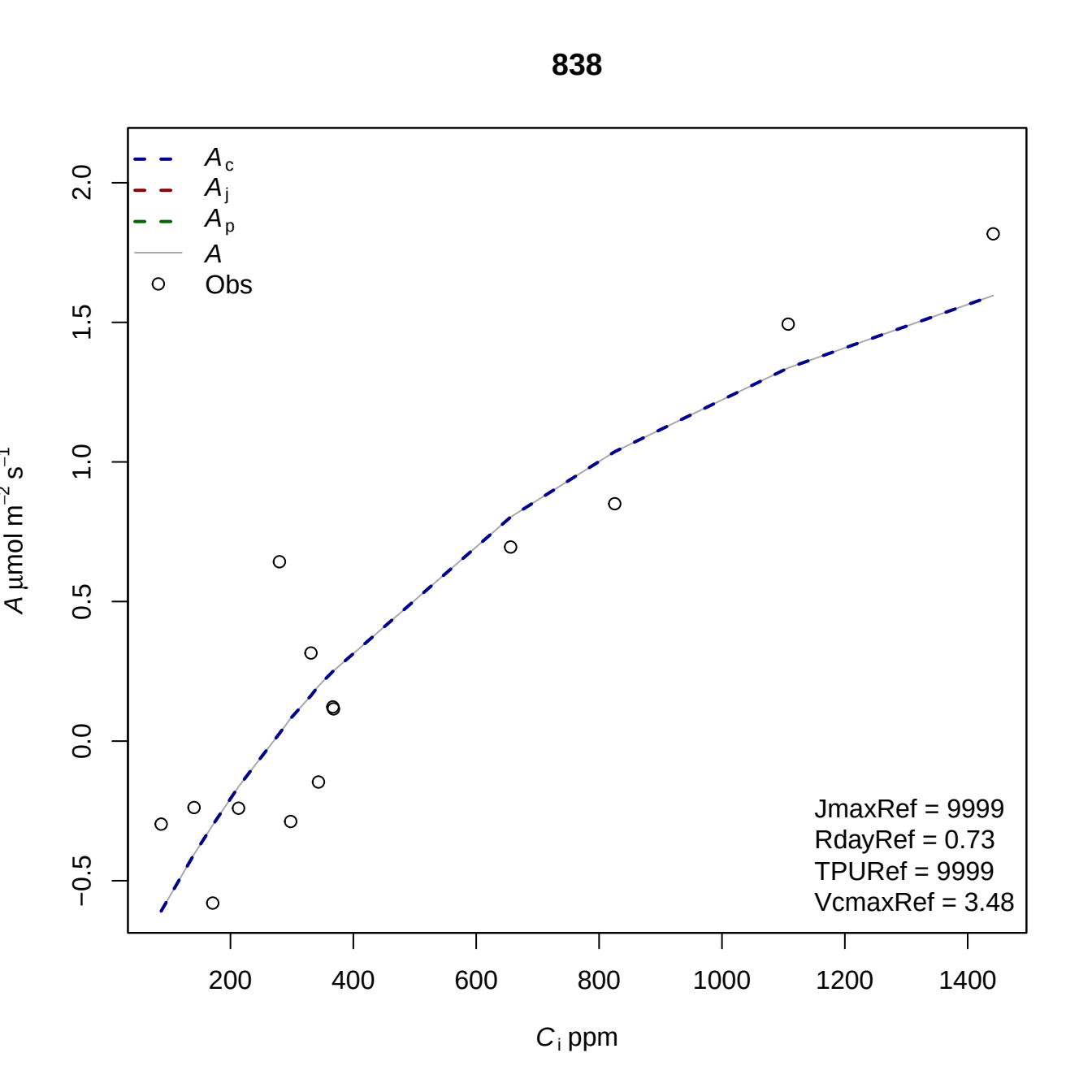

832
A_c
A_j
A_p
A
Obs
JmaxRef = 91.51
RdayRef = 4.16
TPURef = 9999
VcmaxRef = 40.87
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

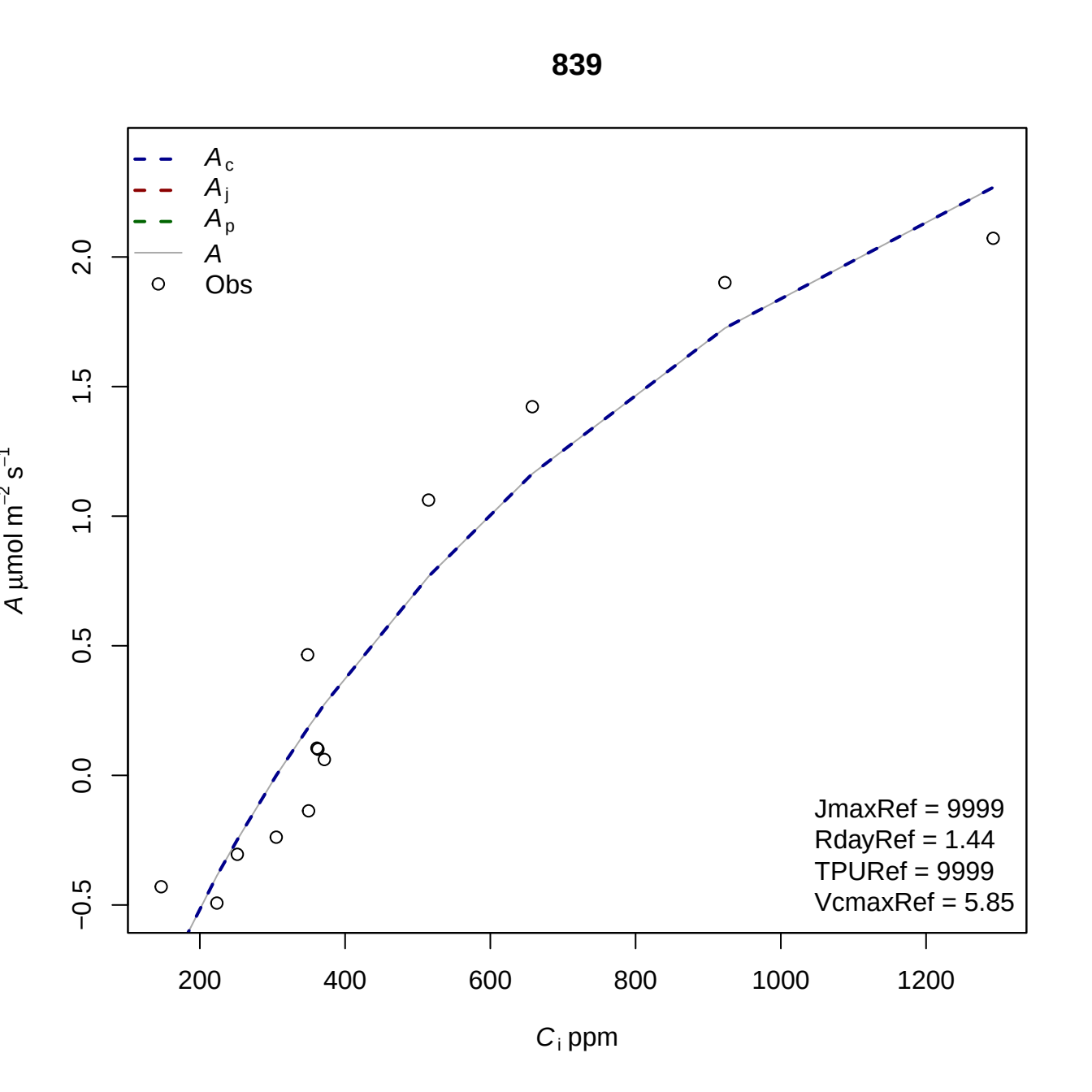

833
A_c
A_j
A_p
A
Obs
JmaxRef = 82.97
RdayRef = 1.26
TPURef = 9999
VcmaxRef = 40.2
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

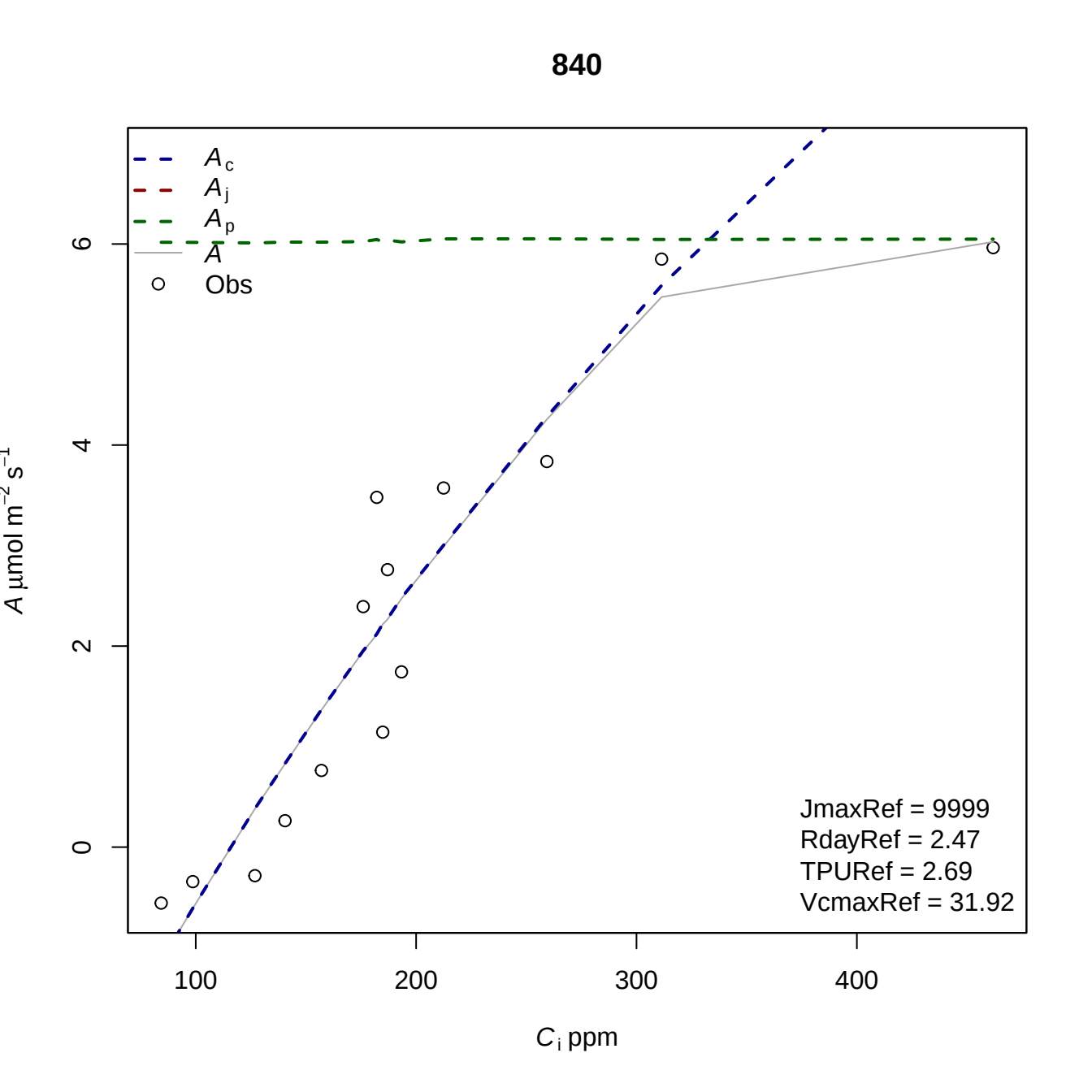

834
A_c
A_j
A_p
A
Obs
JmaxRef = 72
RdayRef = 0.77
TPURef = 9999
VcmaxRef = 29.33
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

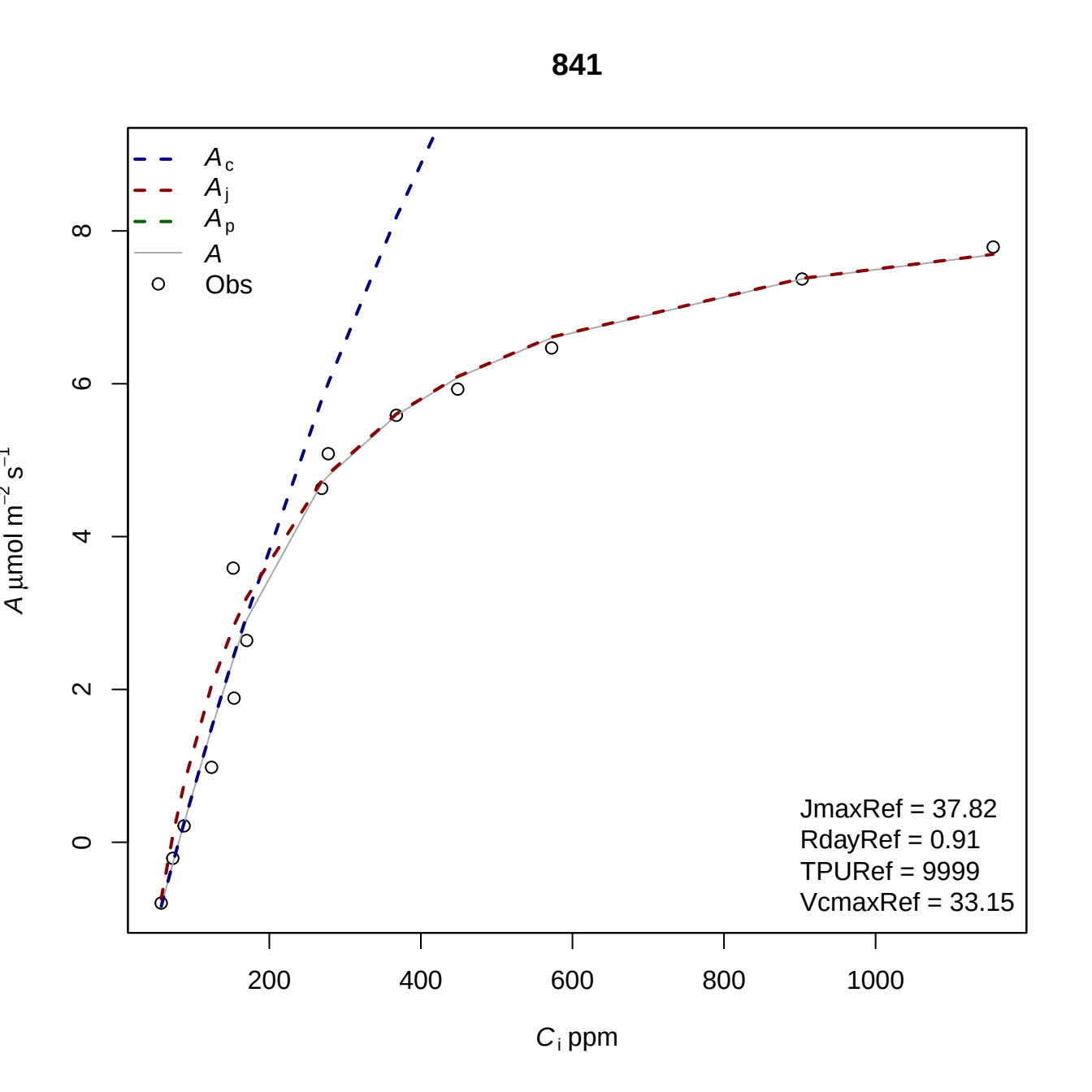

835
A_c
A_j
A_p
A
Obs
JmaxRef = 78.23
RdayRef = 0.81
TPURef = 5.52
VcmaxRef = 41.78
A µmol m^{-2} s^{-1}
0
5
10
15
0
500
1000
1500
C_i ppm

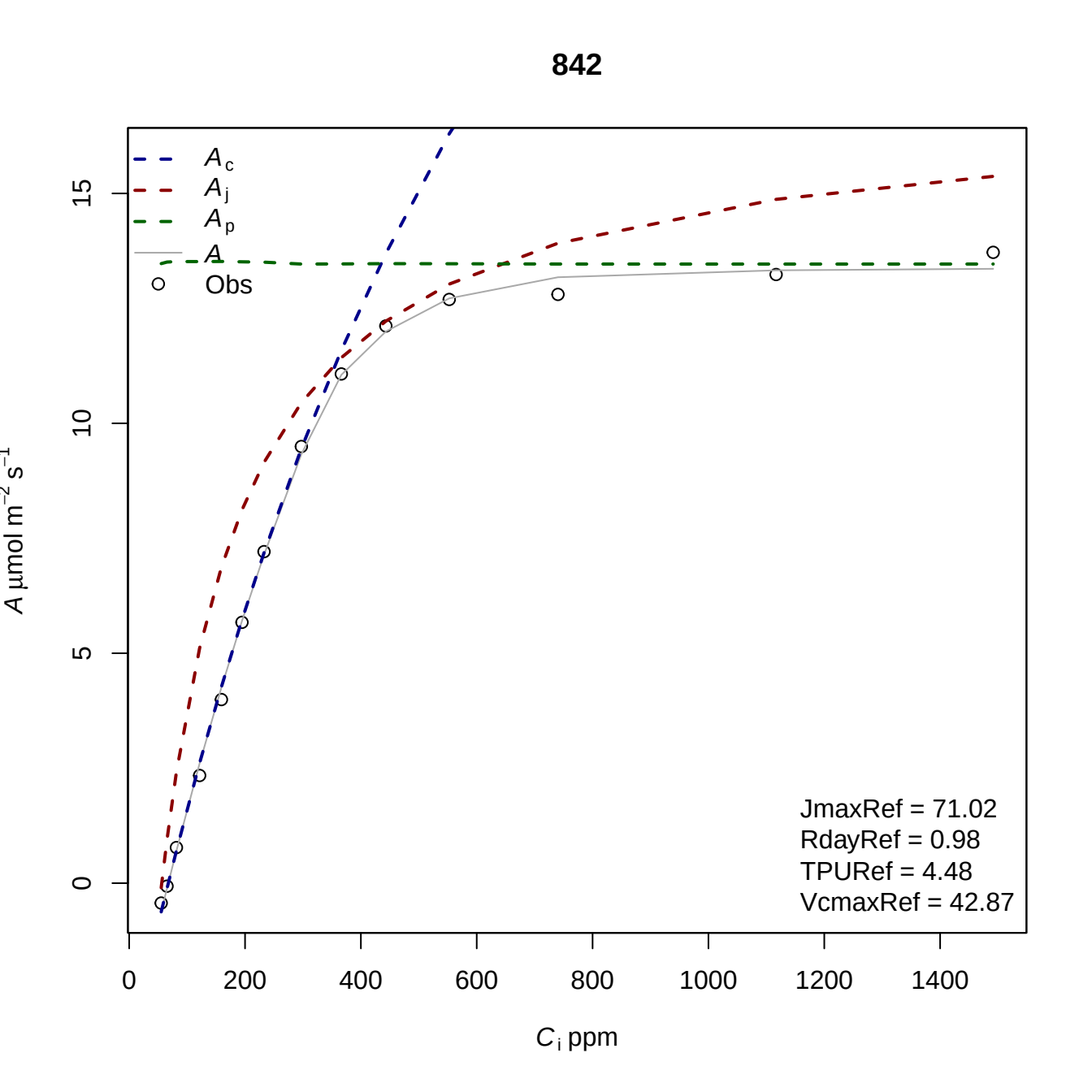

836
A_c
A_j
A_p
A
Obs
JmaxRef = 107.43
RdayRef = −0.25
TPURef = 9999
VcmaxRef = 56.23
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

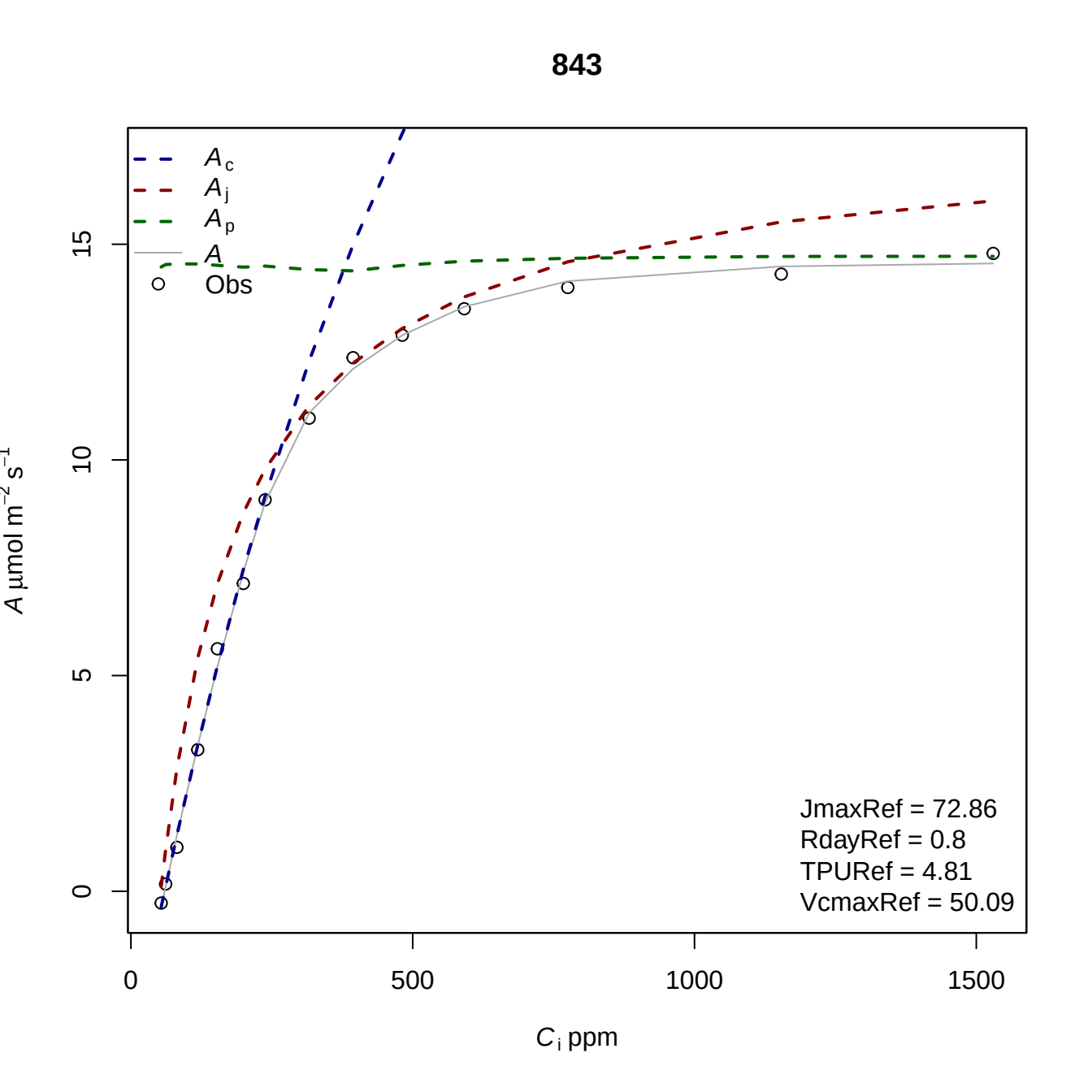

838
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.73
TPURef = 9999
VcmaxRef = 3.48
A µmol m^{-2} s^{-1}
C_i ppm
2.0
1.5
1.0
0.5
0.0
−0.5
200
400
600
800
1000
1200
1400

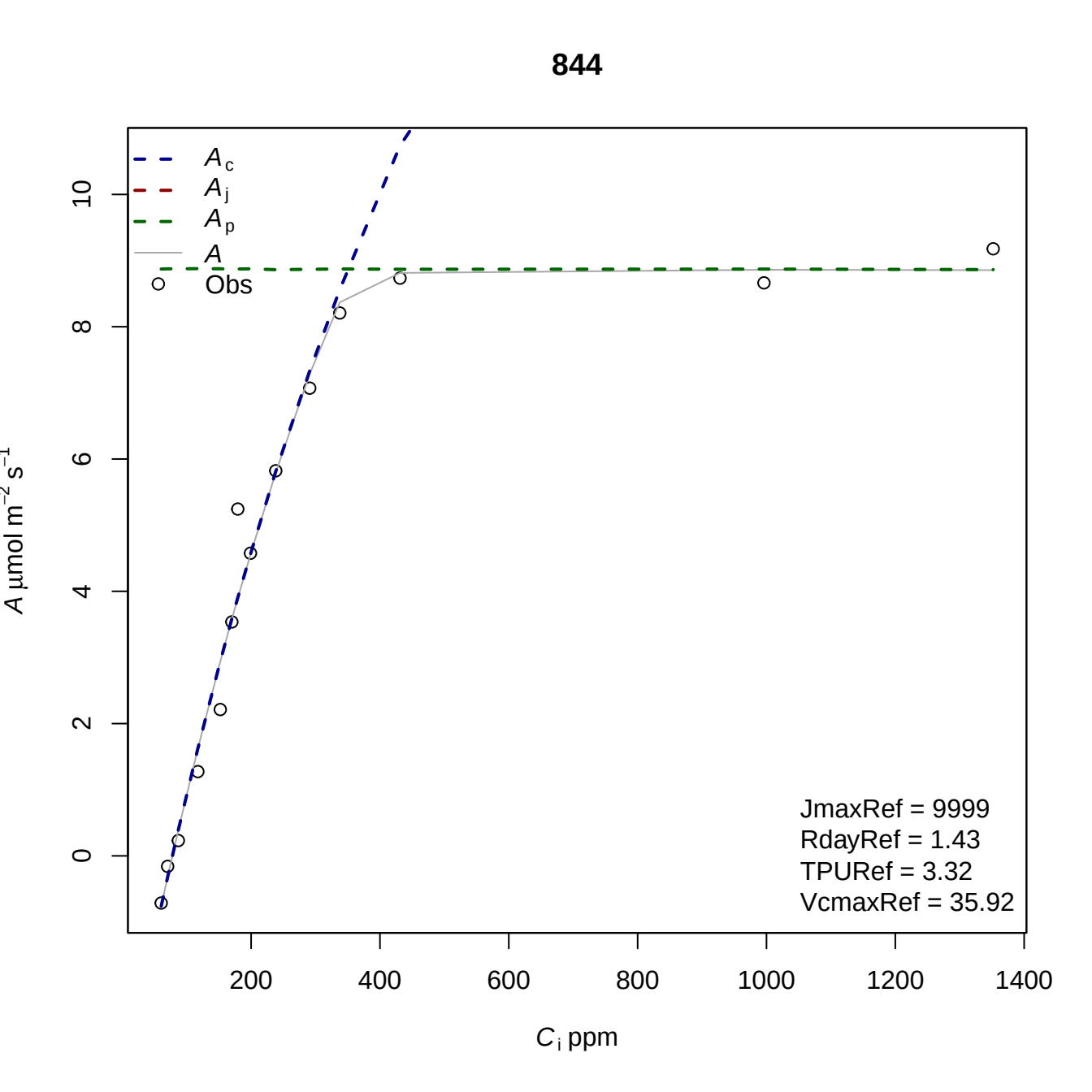

839
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.44
TPURef = 9999
VcmaxRef = 5.85
A µmol m^{-2} s^{-1}
C_i ppm
−0.5
0.0
0.5
1.0
1.5
2.0
200
400
600
800
1000
1200

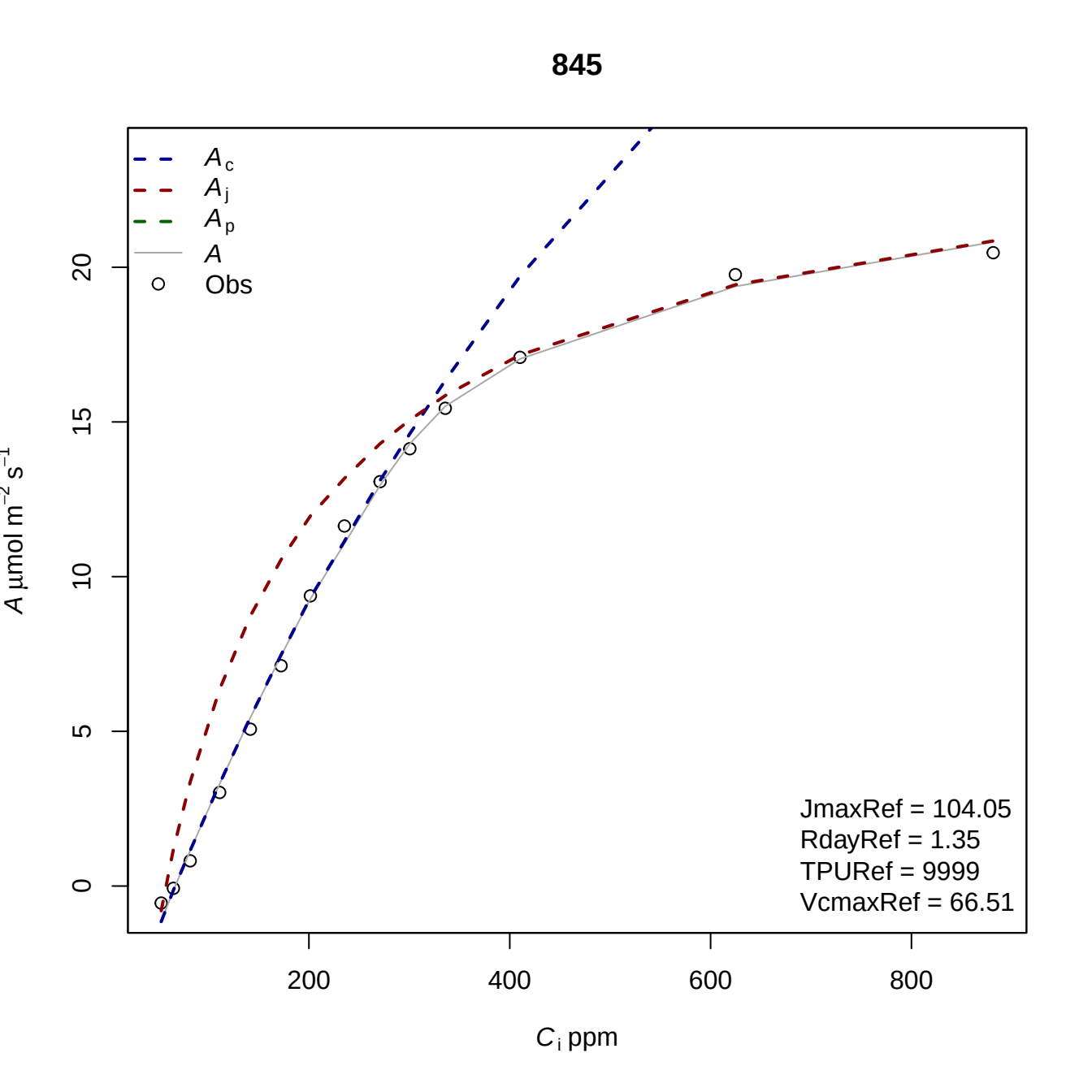

840
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 2.47
TPURef = 2.69
VcmaxRef = 31.92
A µmol m^{-2} s^{-1}
0
2
4
6
100
200
300
400
C_i ppm

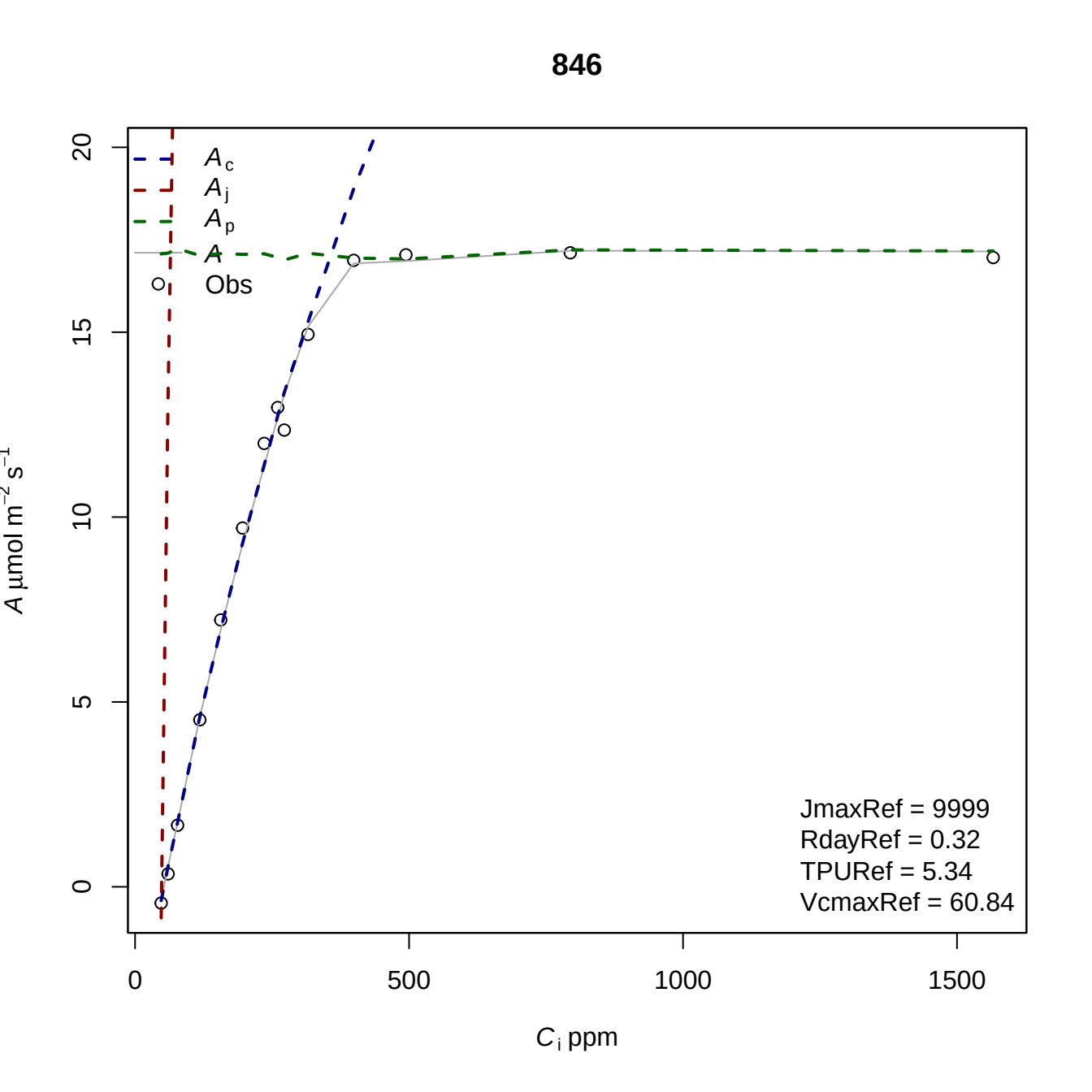

841
A_c
A_j
A_p
A
Obs
JmaxRef = 37.82
RdayRef = 0.91
TPURef = 9999
VcmaxRef = 33.15
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
200
400
600
800
1000

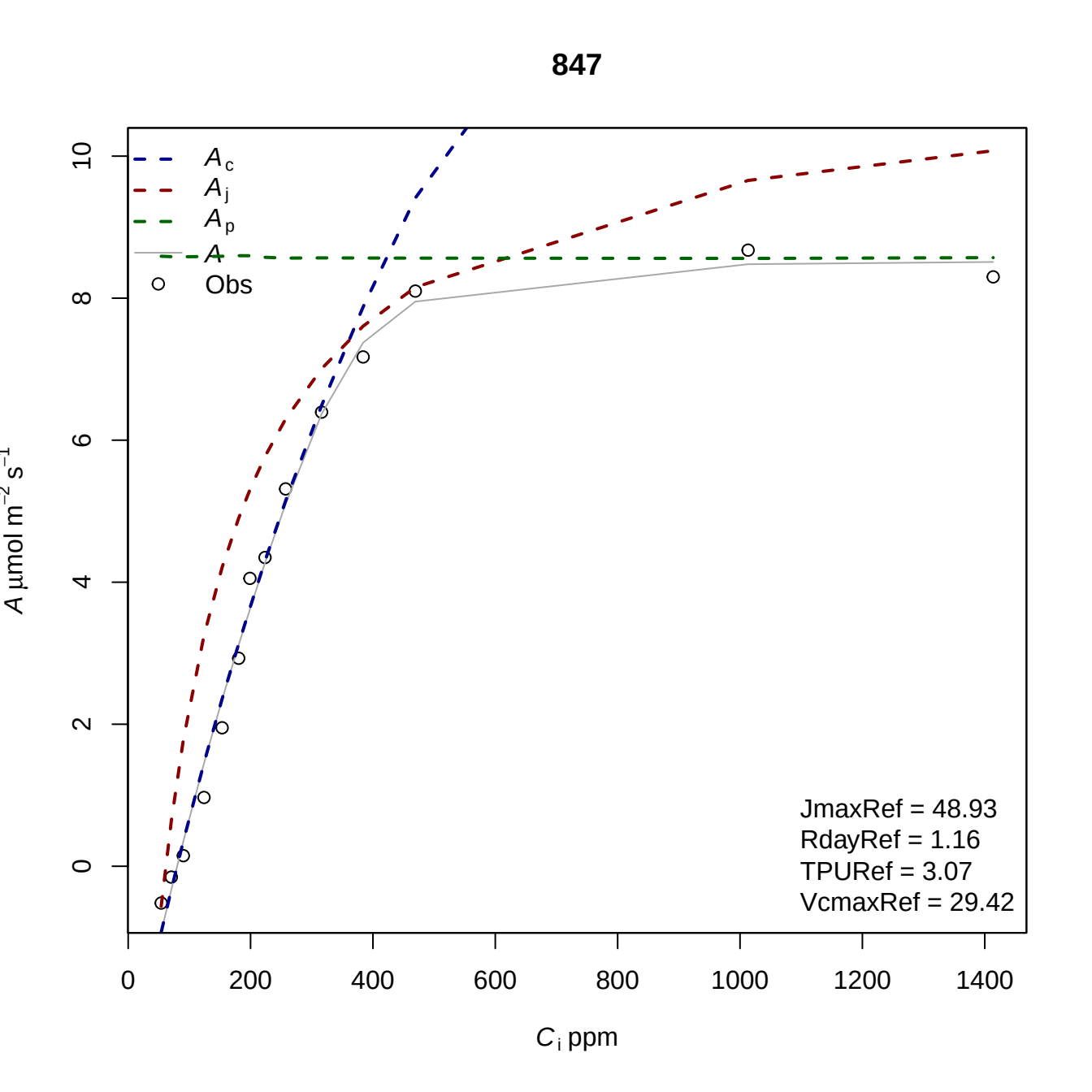

842
A_c
A_j
A_p
A
Obs
JmaxRef = 71.02
RdayRef = 0.98
TPURef = 4.48
VcmaxRef = 42.87
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

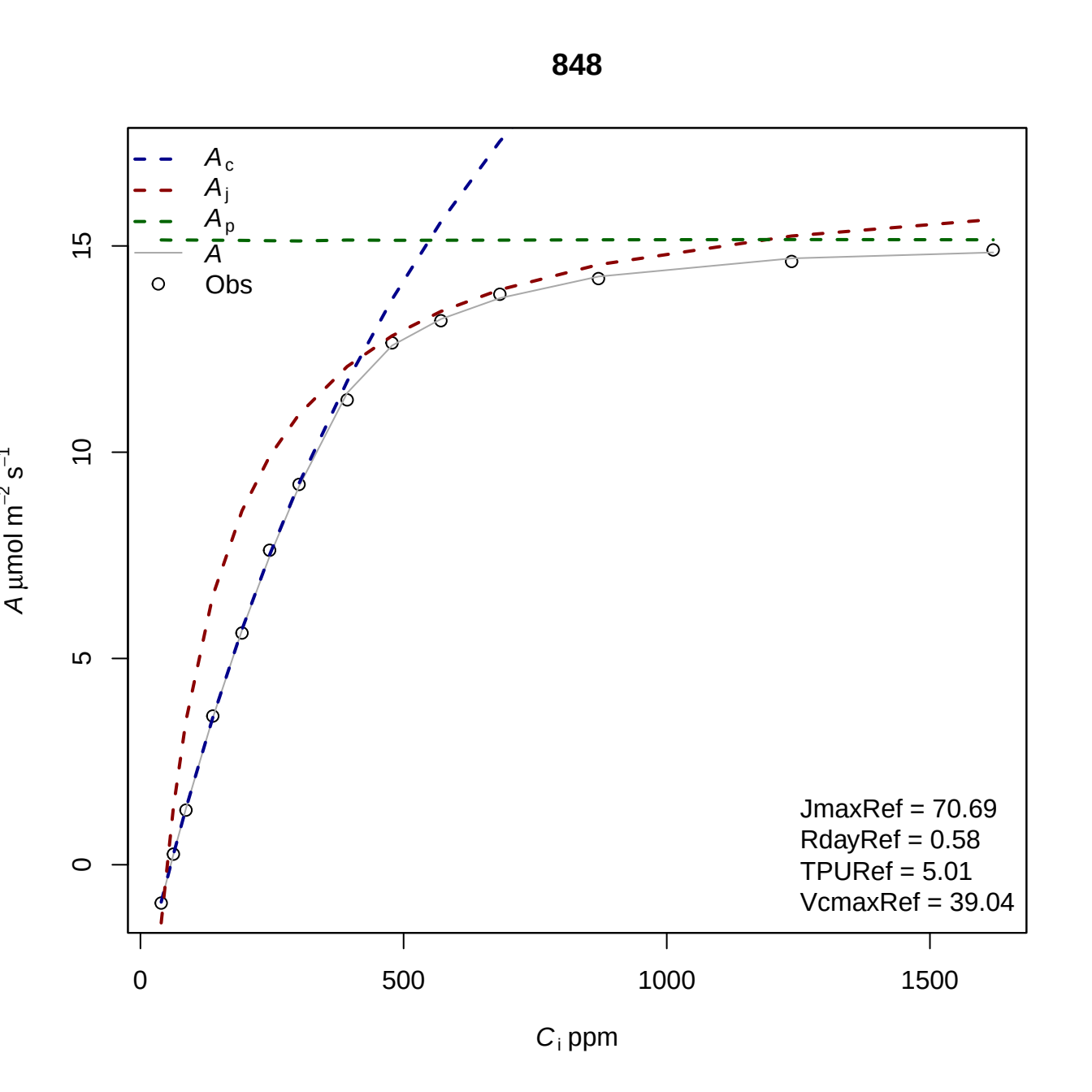

843
A_c
A_j
A_p
A
Obs
JmaxRef = 72.86
RdayRef = 0.8
TPURef = 4.81
VcmaxRef = 50.09
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

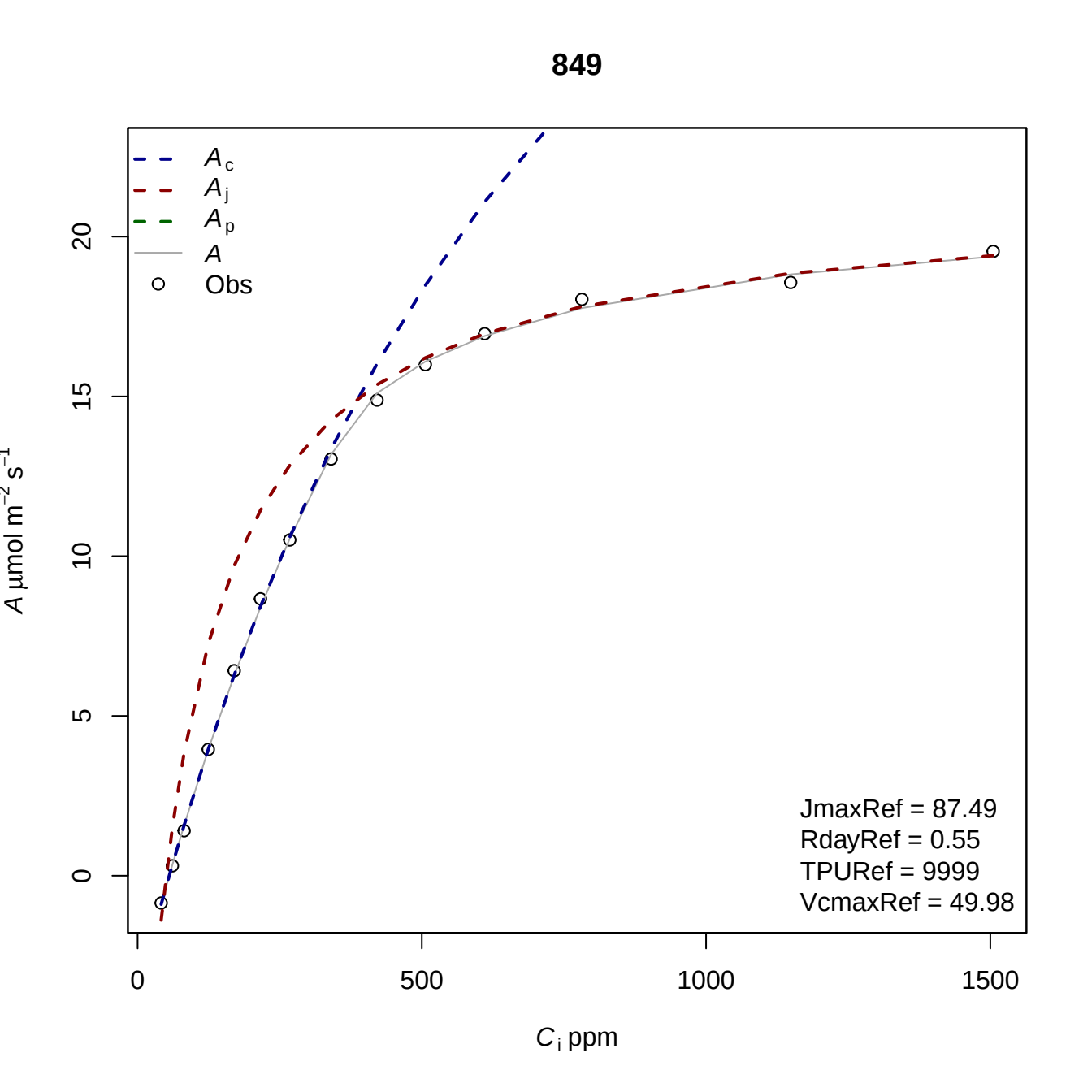

844
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.43
TPURef = 3.32
VcmaxRef = 35.92
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000
1200
1400

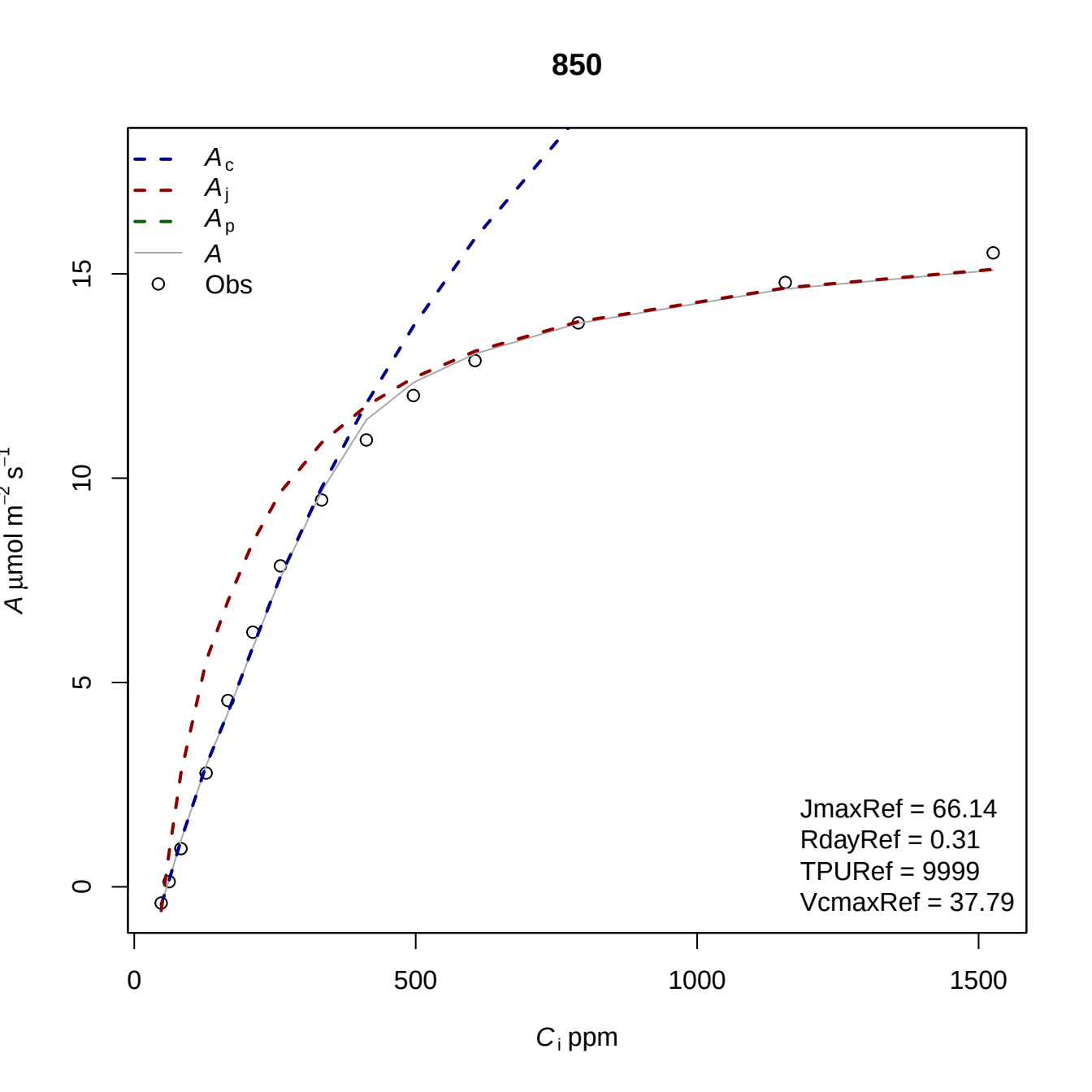

845
A_c
A_j
A_p
A
Obs
JmaxRef = 104.05
RdayRef = 1.35
TPURef = 9999
VcmaxRef = 66.51
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800

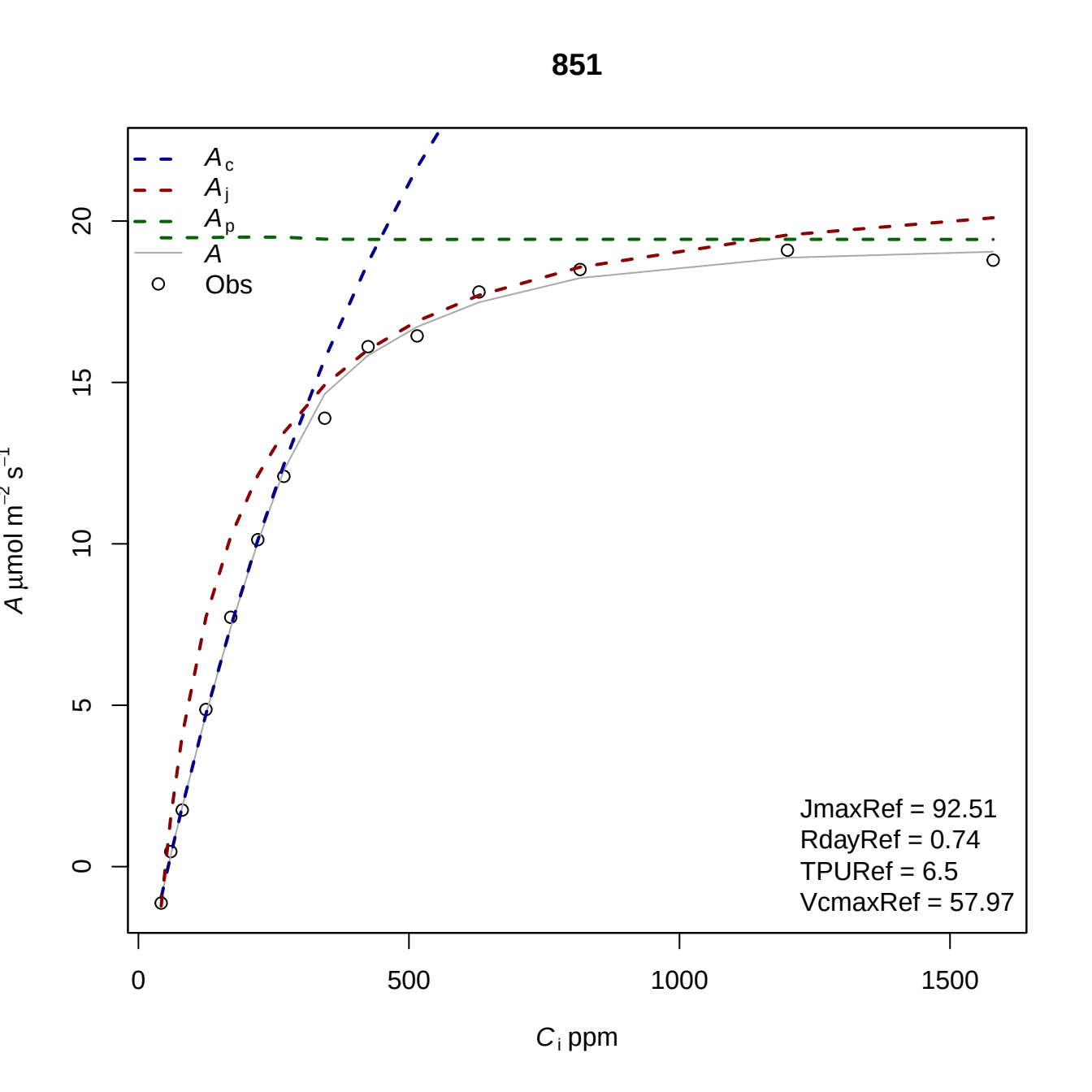

846
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.32
TPURef = 5.34
VcmaxRef = 60.84
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

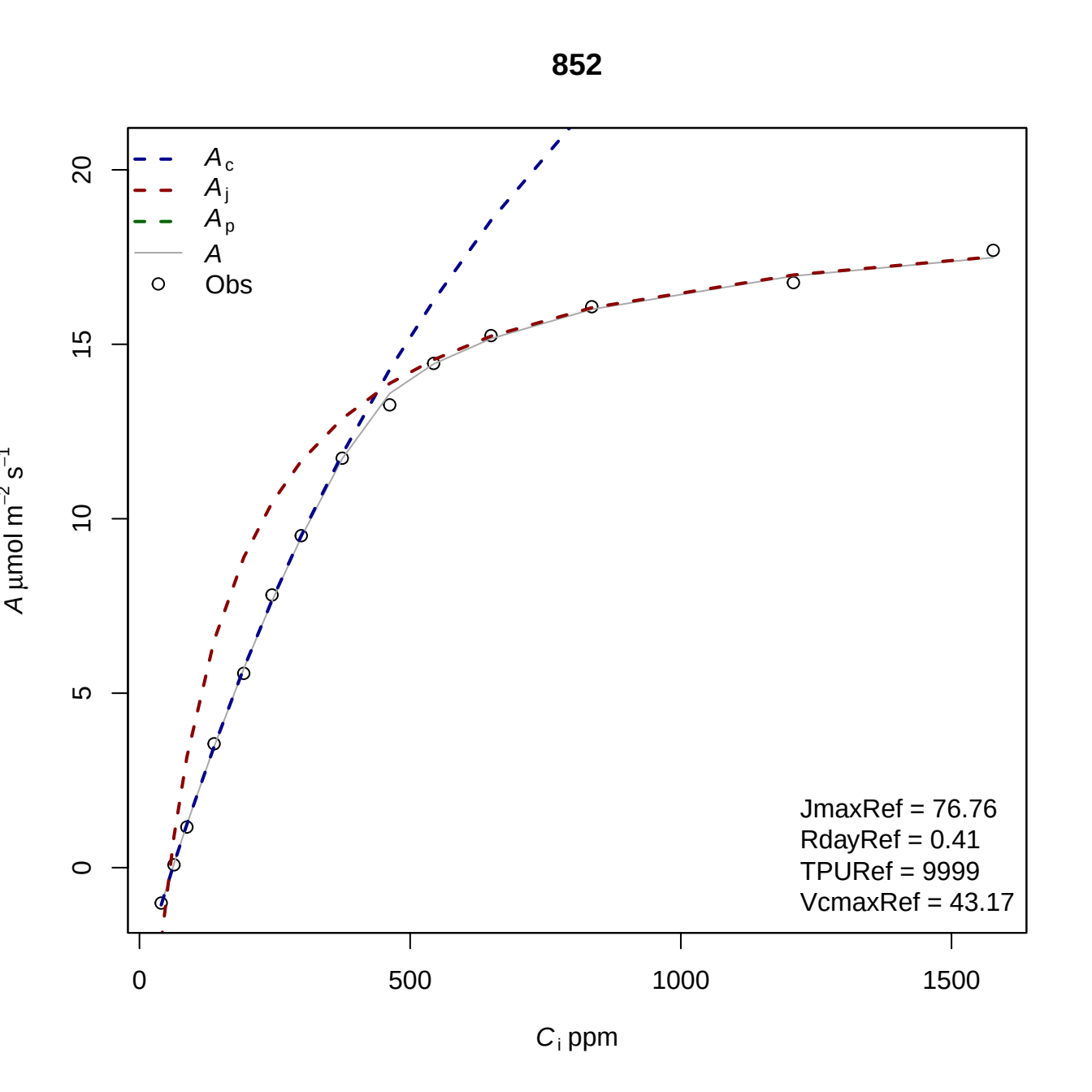

847
A_c
A_j
A_p
A
Obs
JmaxRef = 48.93
RdayRef = 1.16
TPURef = 3.07
VcmaxRef = 29.42
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
0
200
400
600
800
1000
1200
1400

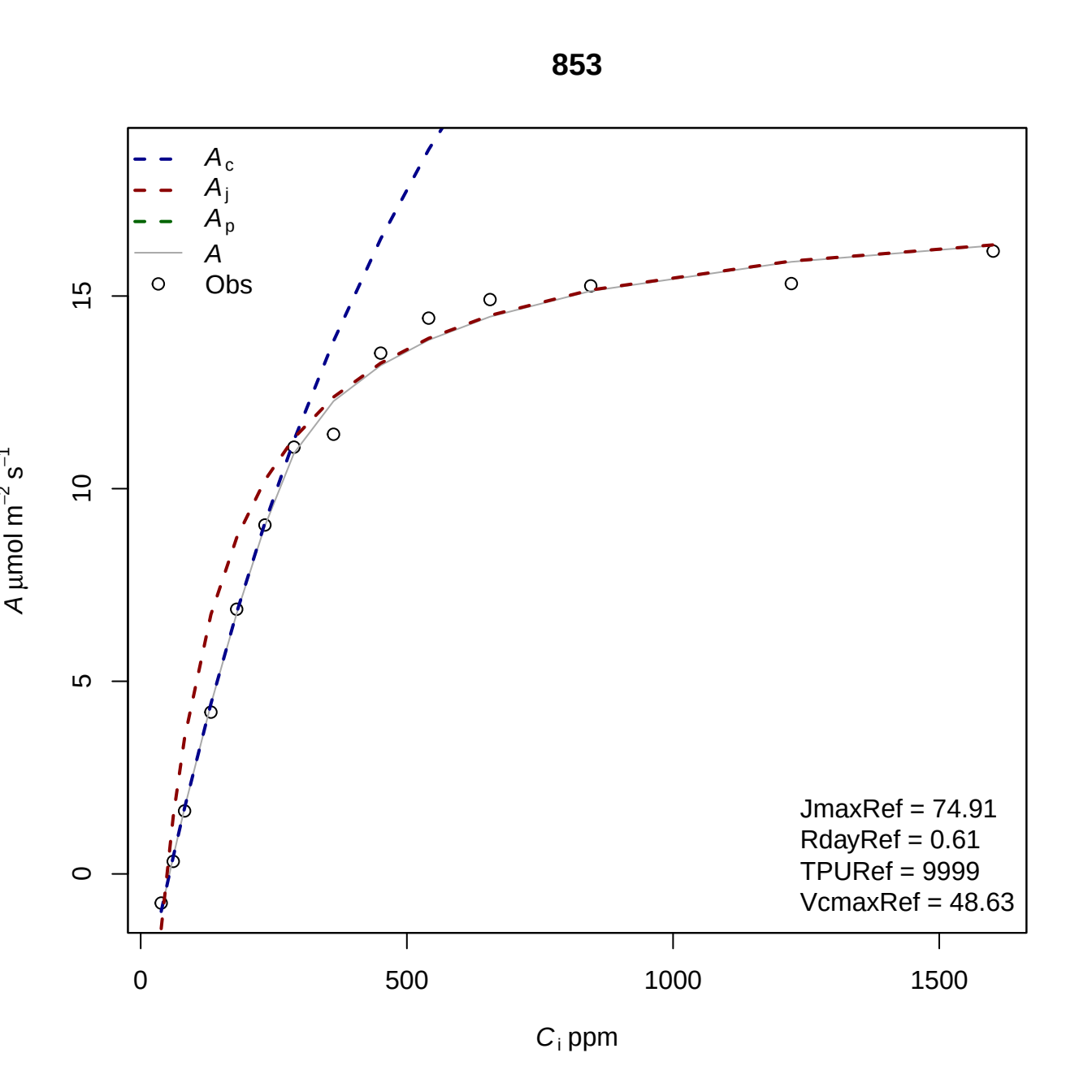

848
A_c
A_j
A_p
A
Obs
JmaxRef = 70.69
RdayRef = 0.58
TPURef = 5.01
VcmaxRef = 39.04
A µmol m^{-2} s^{-1}
0
5
10
15
0
500
1000
1500
C_i ppm

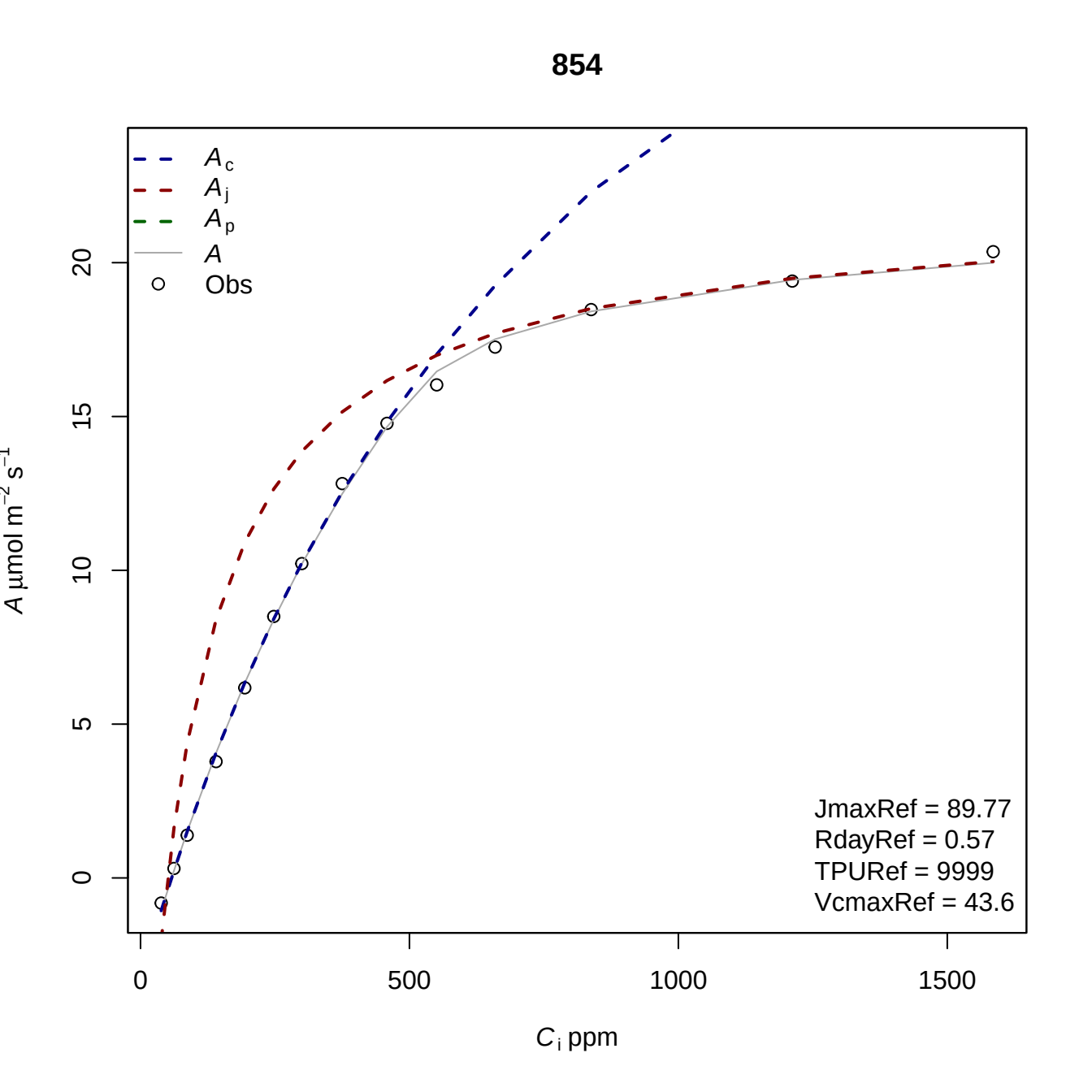

849
A_c
A_j
A_p
A
Obs
JmaxRef = 87.49
RdayRef = 0.55
TPURef = 9999
VcmaxRef = 49.98
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

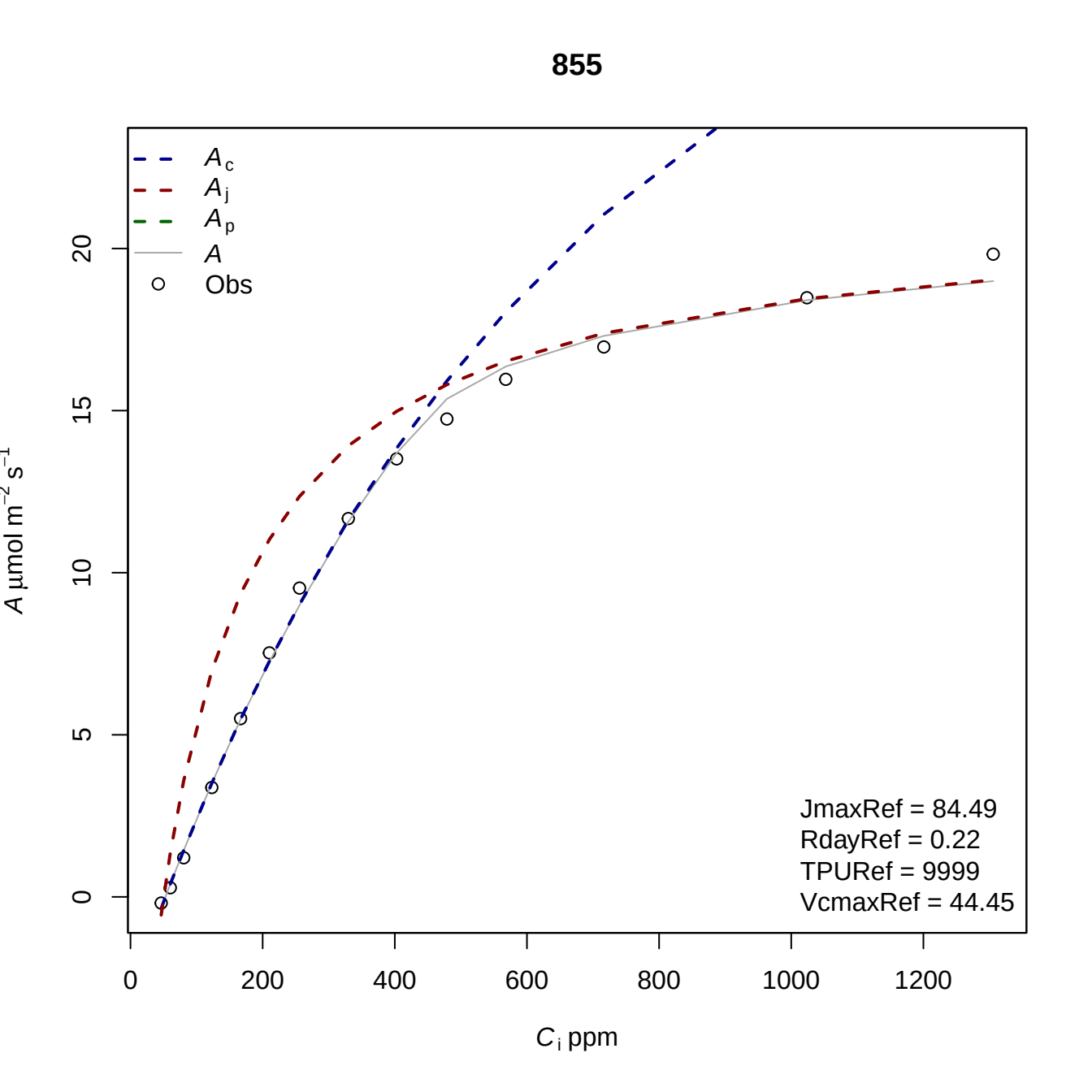

850
A_c
A_j
A_p
A
Obs
JmaxRef = 66.14
RdayRef = 0.31
TPURef = 9999
VcmaxRef = 37.79
A µmol m^{-2} s^{-1}
0
5
10
15
0
500
1000
1500
C_i ppm

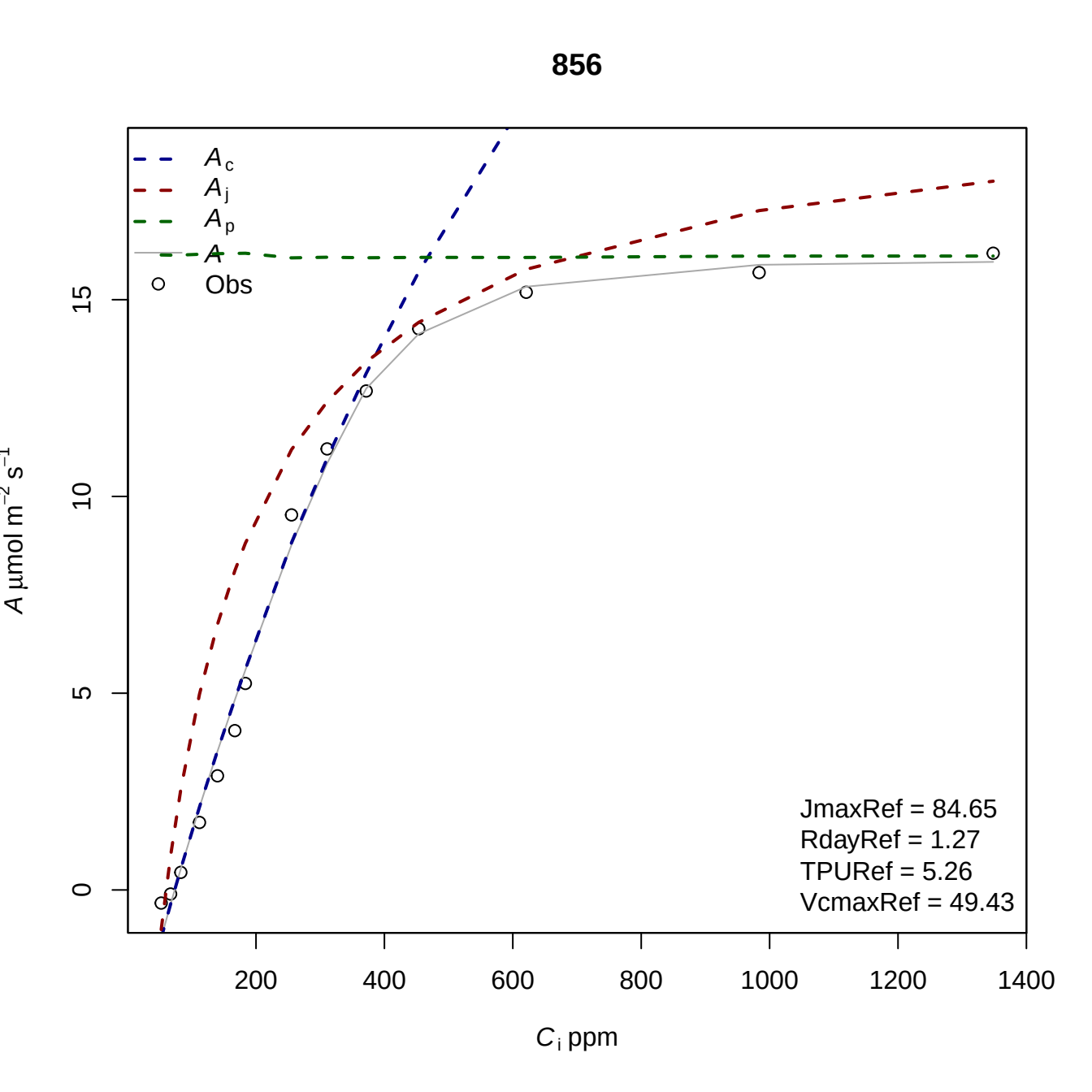

851
A_c
A_j
A_p
A
Obs
JmaxRef = 92.51
RdayRef = 0.74
TPURef = 6.5
VcmaxRef = 57.97
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

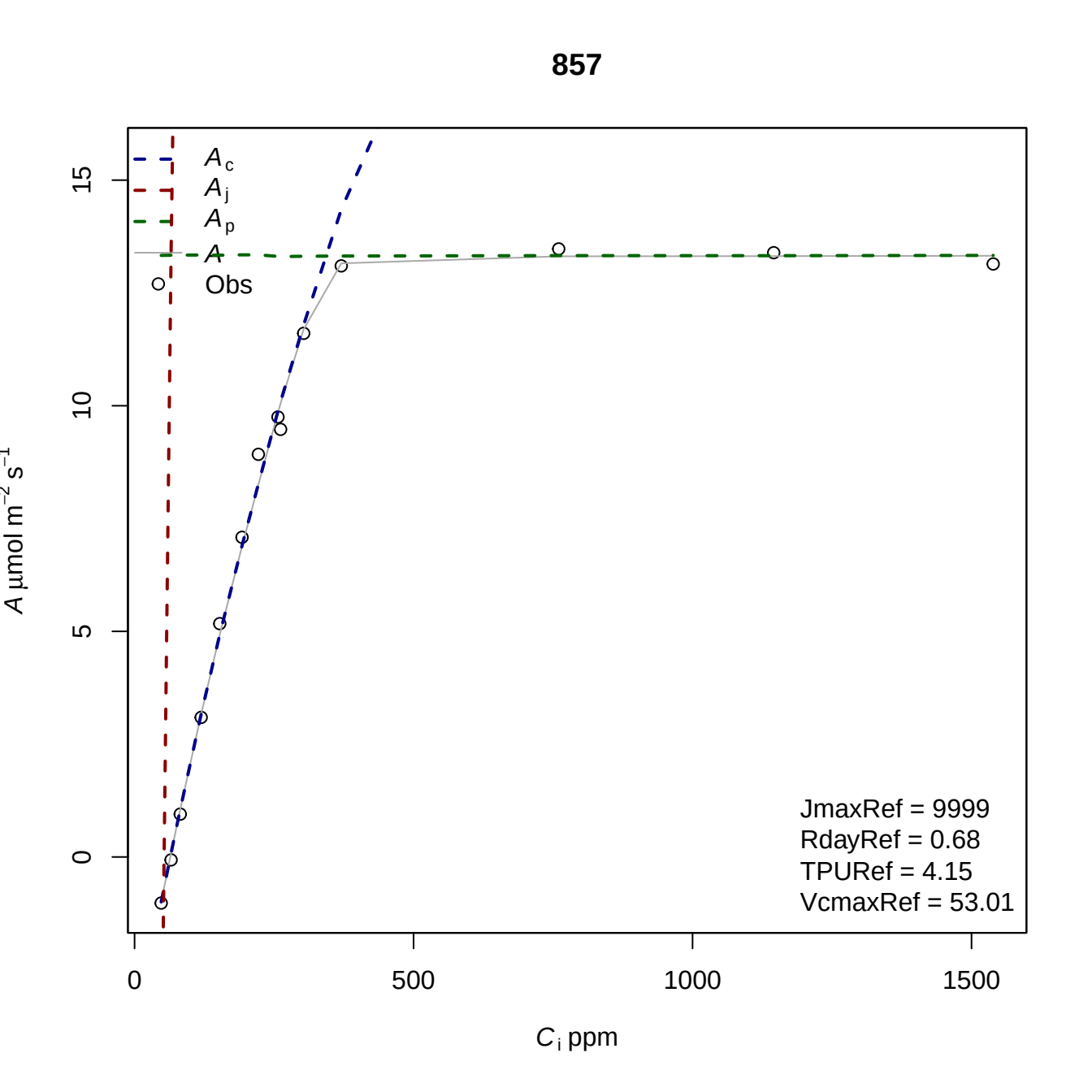

852
A_c
A_j
A_p
A
Obs
JmaxRef = 76.76
RdayRef = 0.41
TPURef = 9999
VcmaxRef = 43.17
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

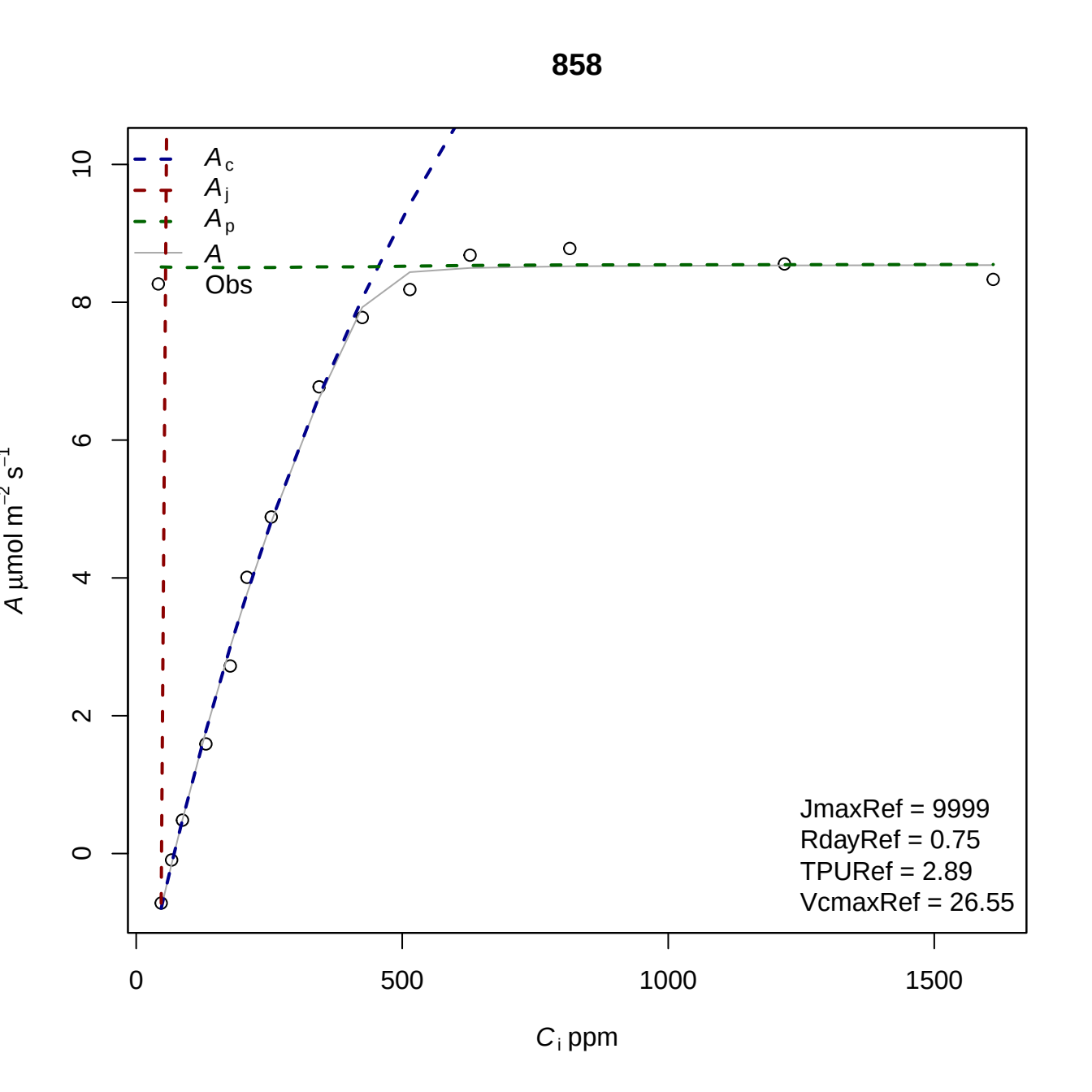

853
A_c
A_j
A_p
A
Obs
JmaxRef = 74.91
RdayRef = 0.61
TPURef = 9999
VcmaxRef = 48.63
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

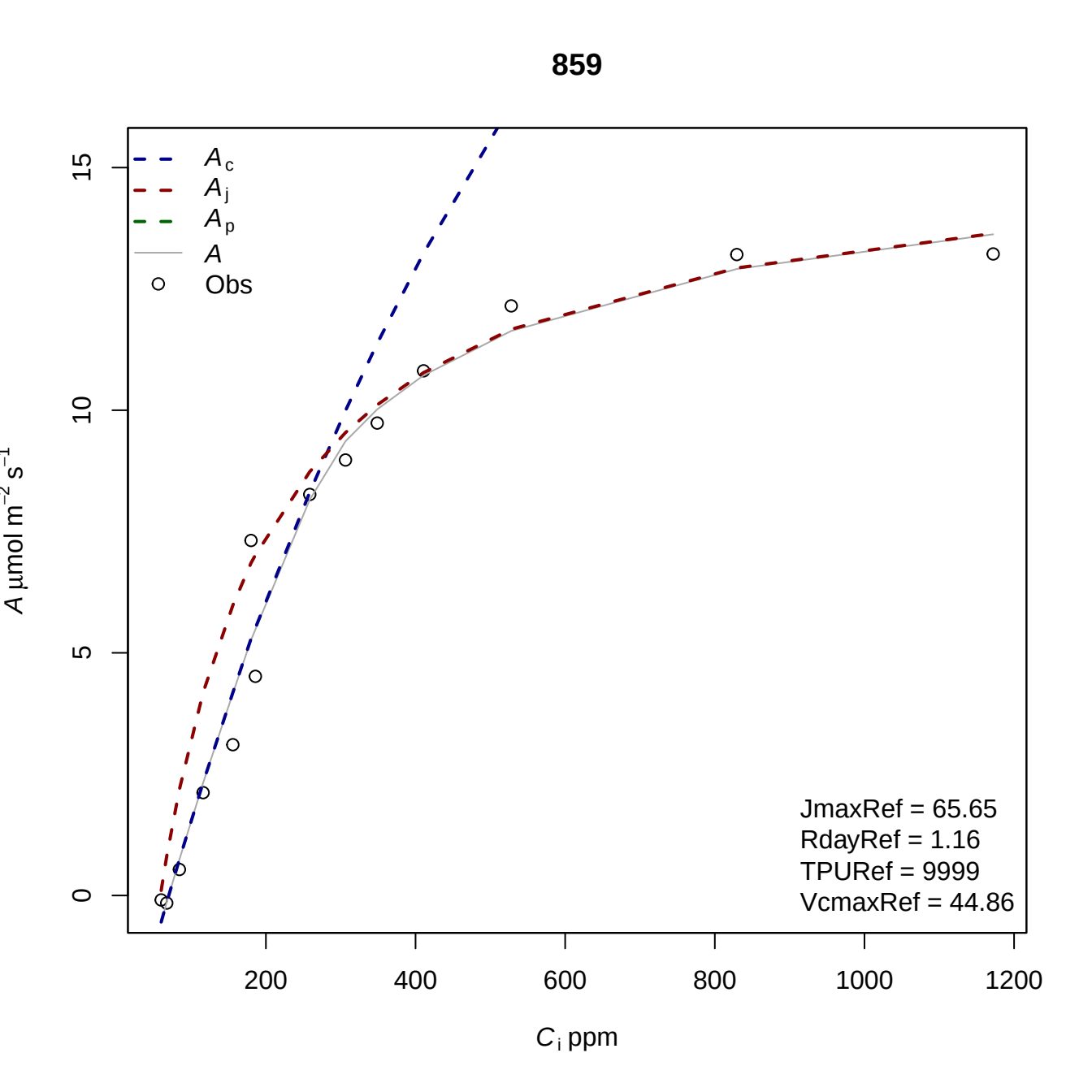

854
A_c
A_j
A_p
A
Obs
JmaxRef = 89.77
RdayRef = 0.57
TPURef = 9999
VcmaxRef = 43.6
A µmol m^{-2} s^{-1}
0
5
10
15
20
0
500
1000
1500
C_i ppm

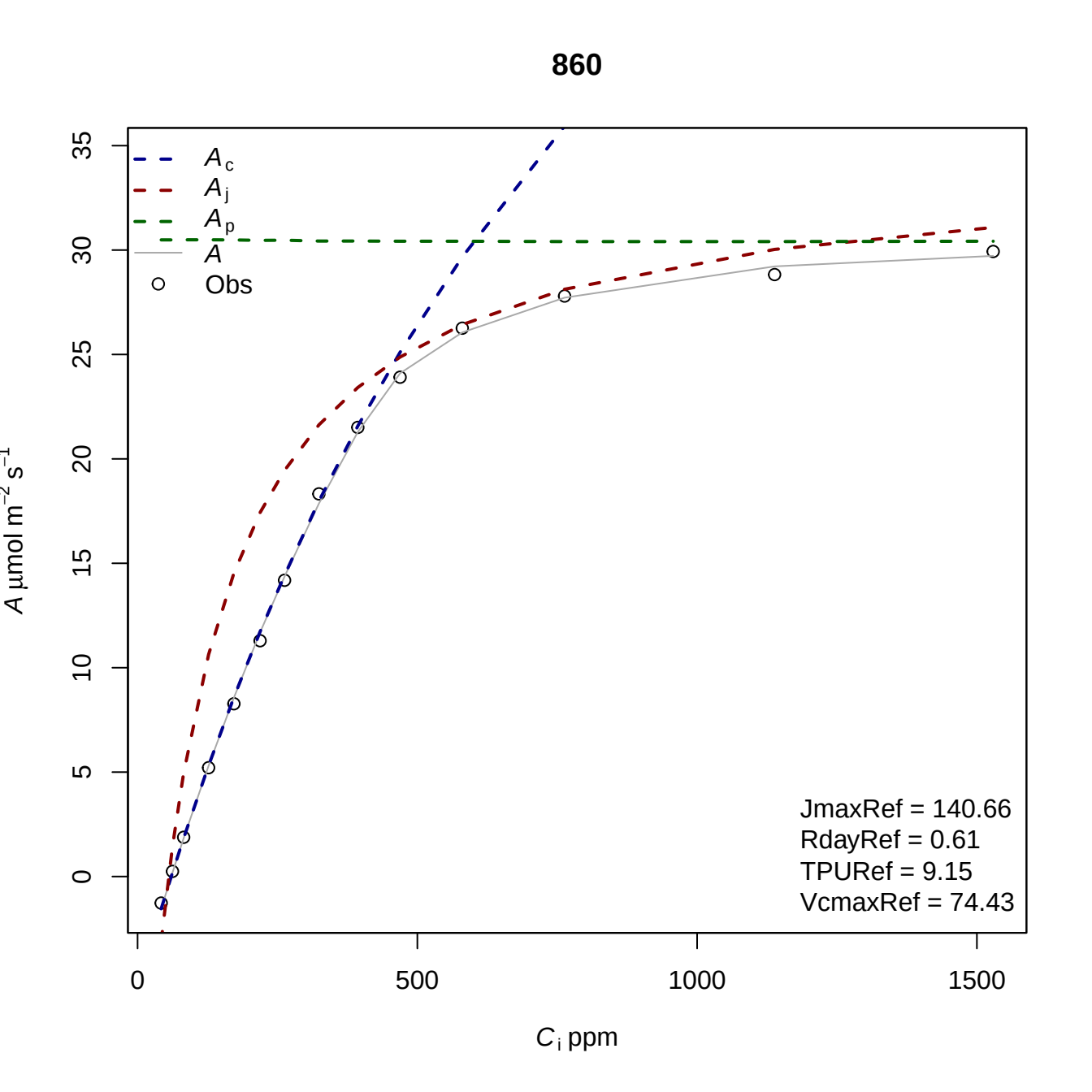

855
A_c
A_j
A_p
A
Obs
JmaxRef = 84.49
RdayRef = 0.22
TPURef = 9999
VcmaxRef = 44.45
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

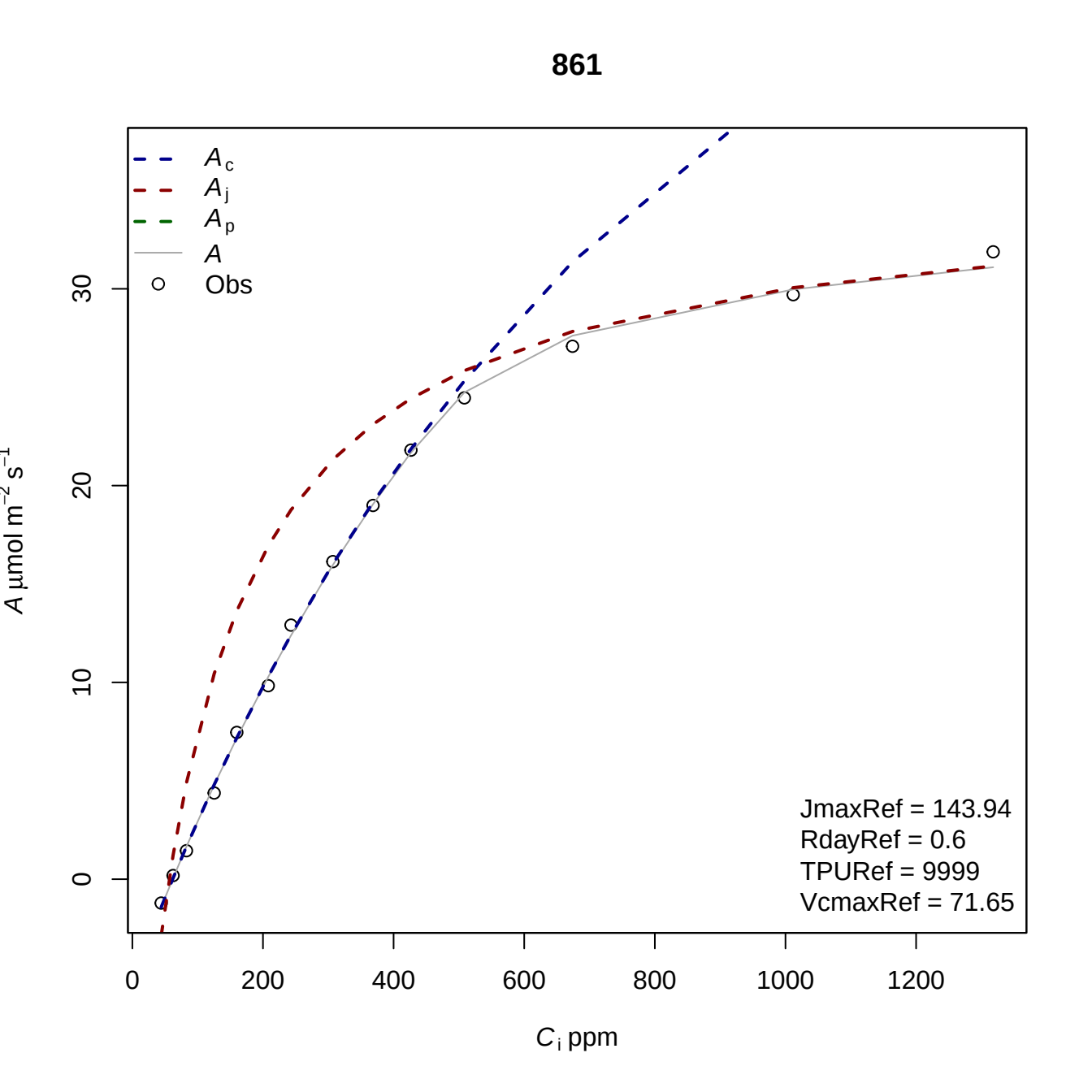

856
A_c
A_j
A_p
A
Obs
JmaxRef = 84.65
RdayRef = 1.27
TPURef = 5.26
VcmaxRef = 49.43
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200
1400

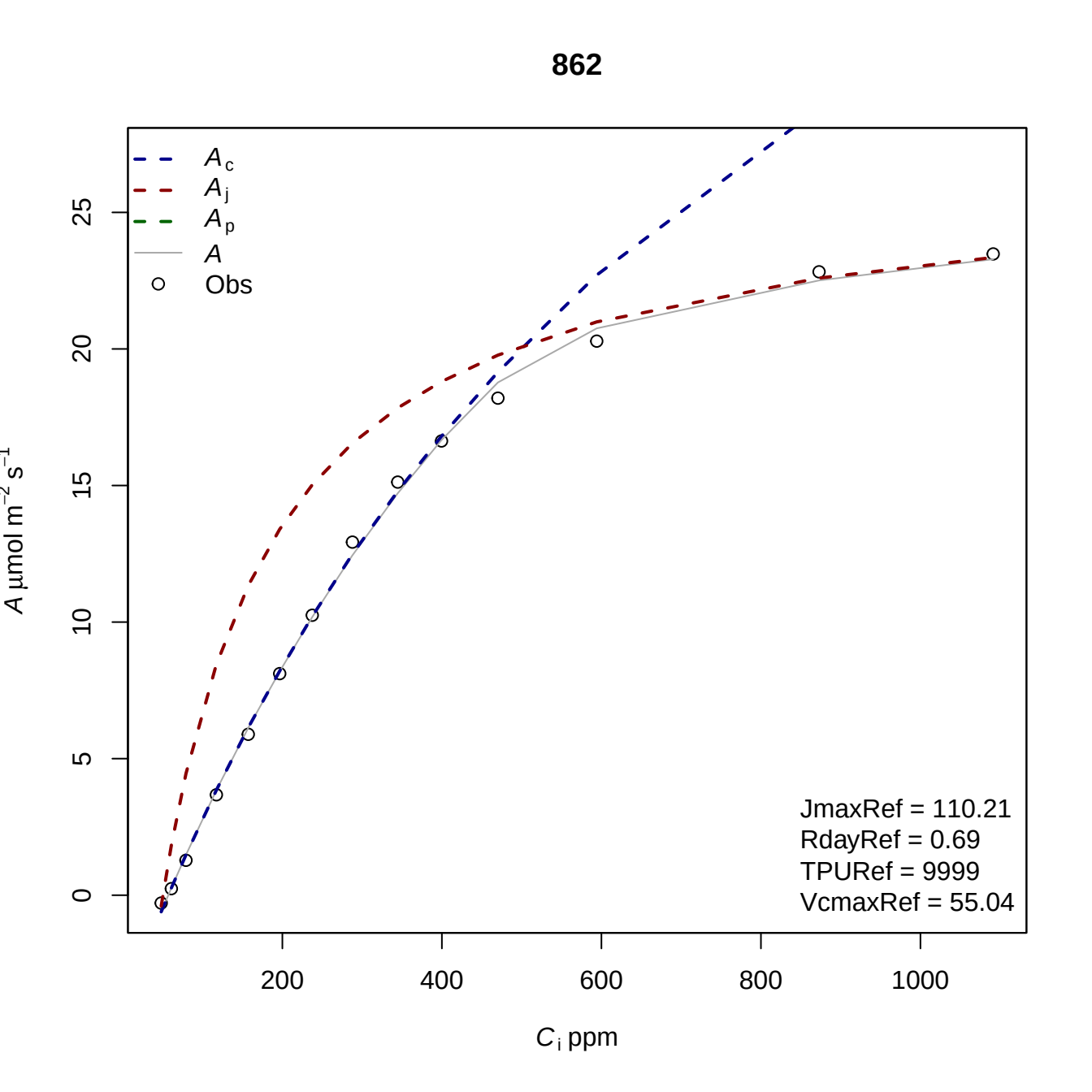

857
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.68
TPURef = 4.15
VcmaxRef = 53.01
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

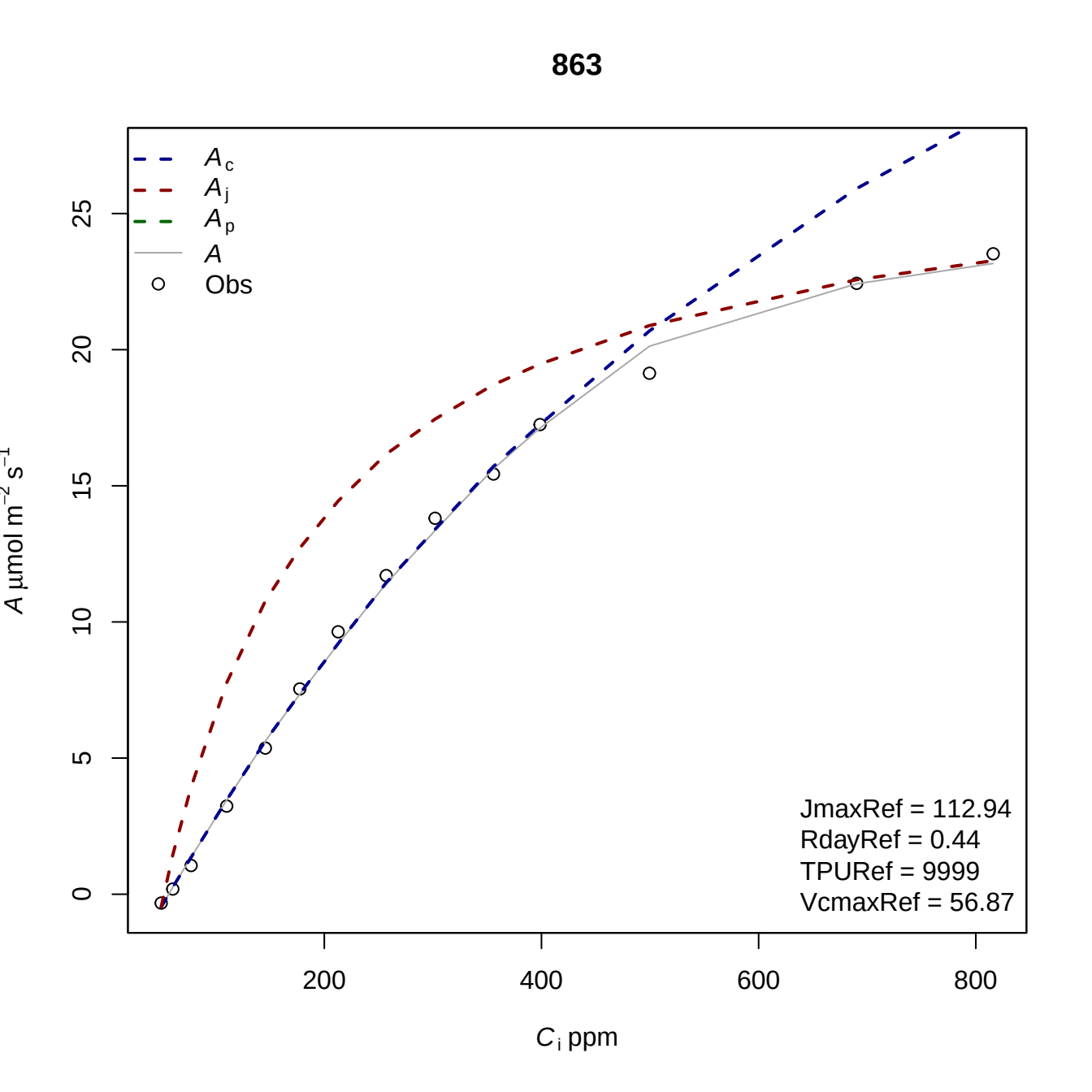

858
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.75
TPURef = 2.89
VcmaxRef = 26.55
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
0
500
1000
1500

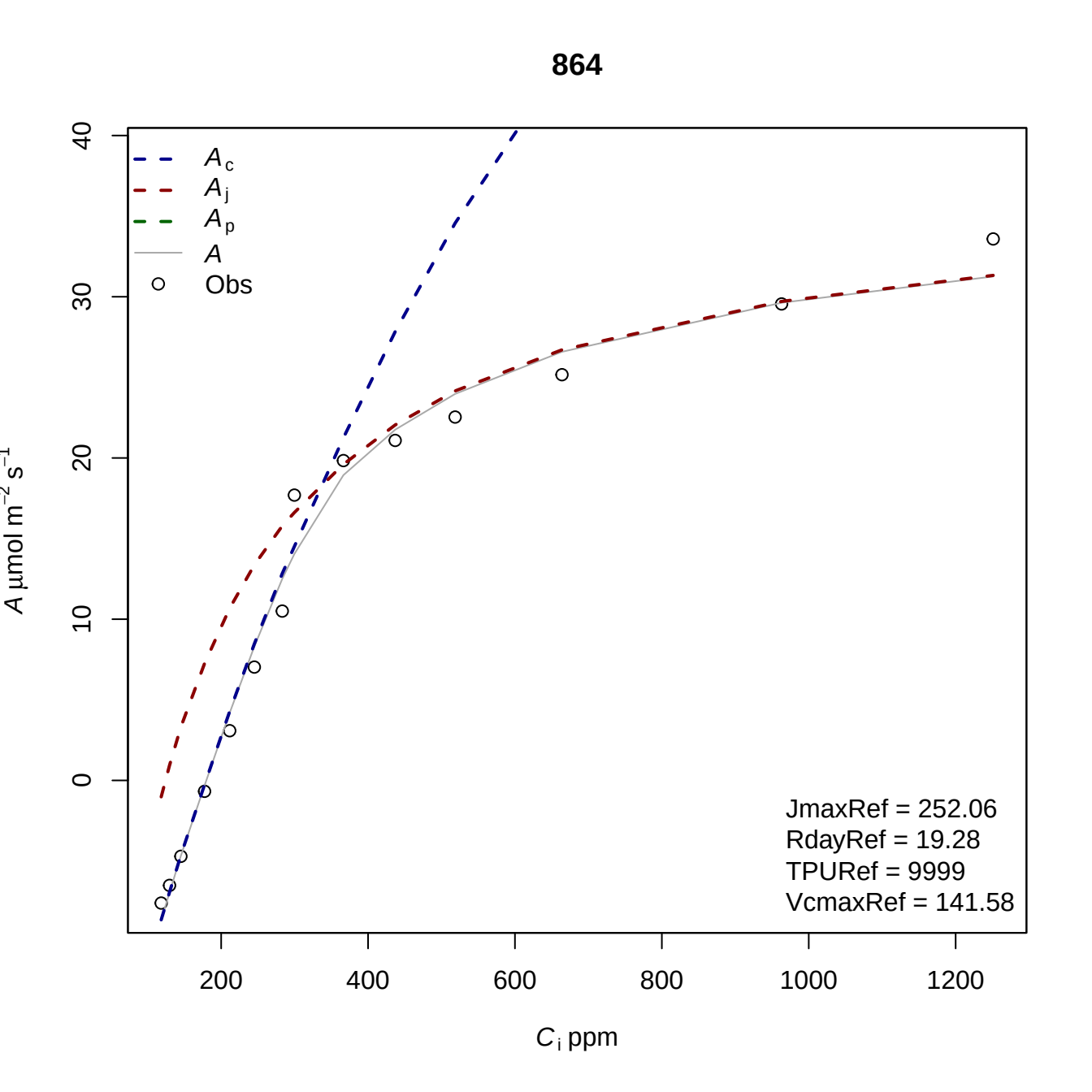

859
A_c
A_j
A_p
A
Obs
JmaxRef = 65.65
RdayRef = 1.16
TPURef = 9999
VcmaxRef = 44.86
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

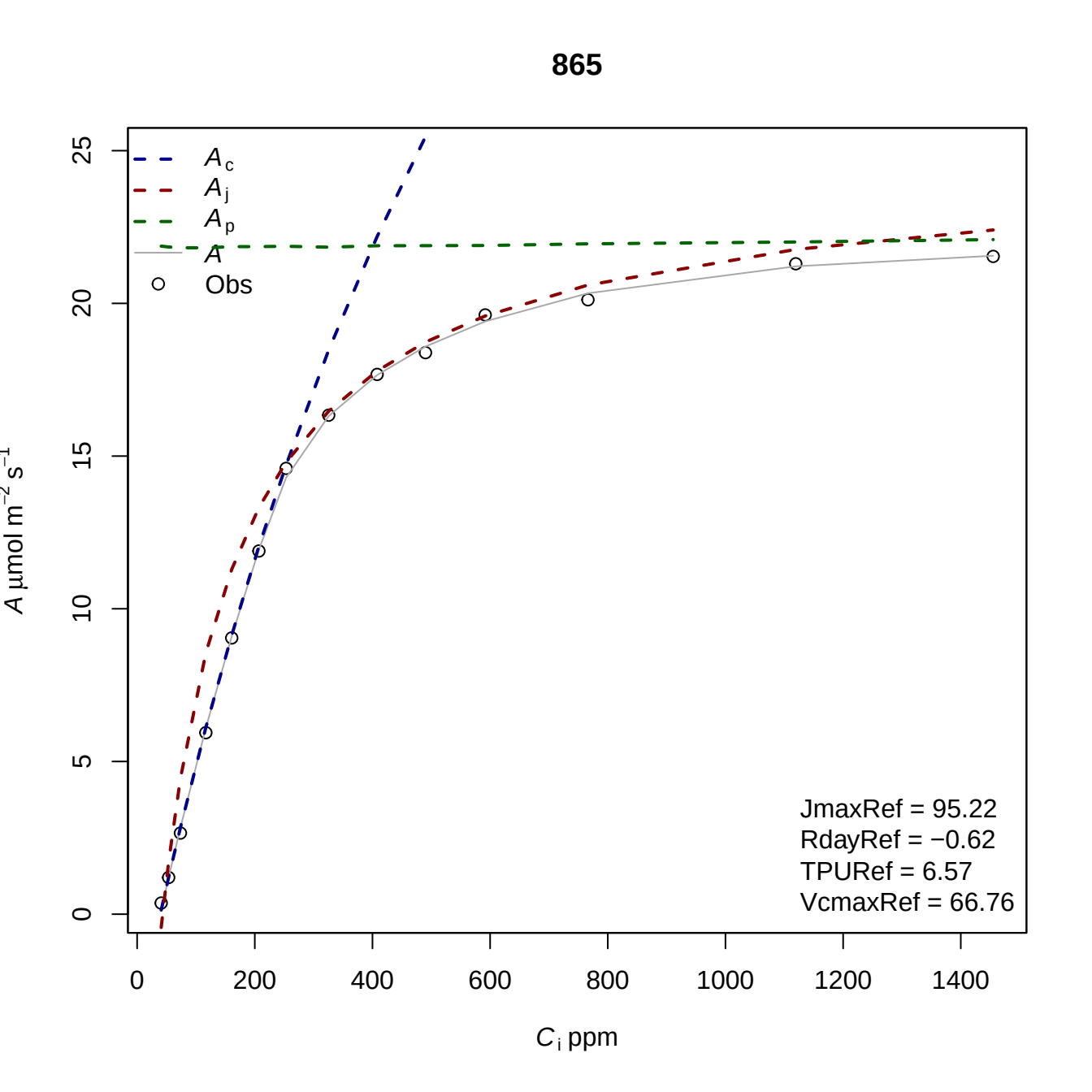

860
A_c
A_j
A_p
A
Obs
JmaxRef = 140.66
RdayRef = 0.61
TPURef = 9.15
VcmaxRef = 74.43
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
500
1000
1500

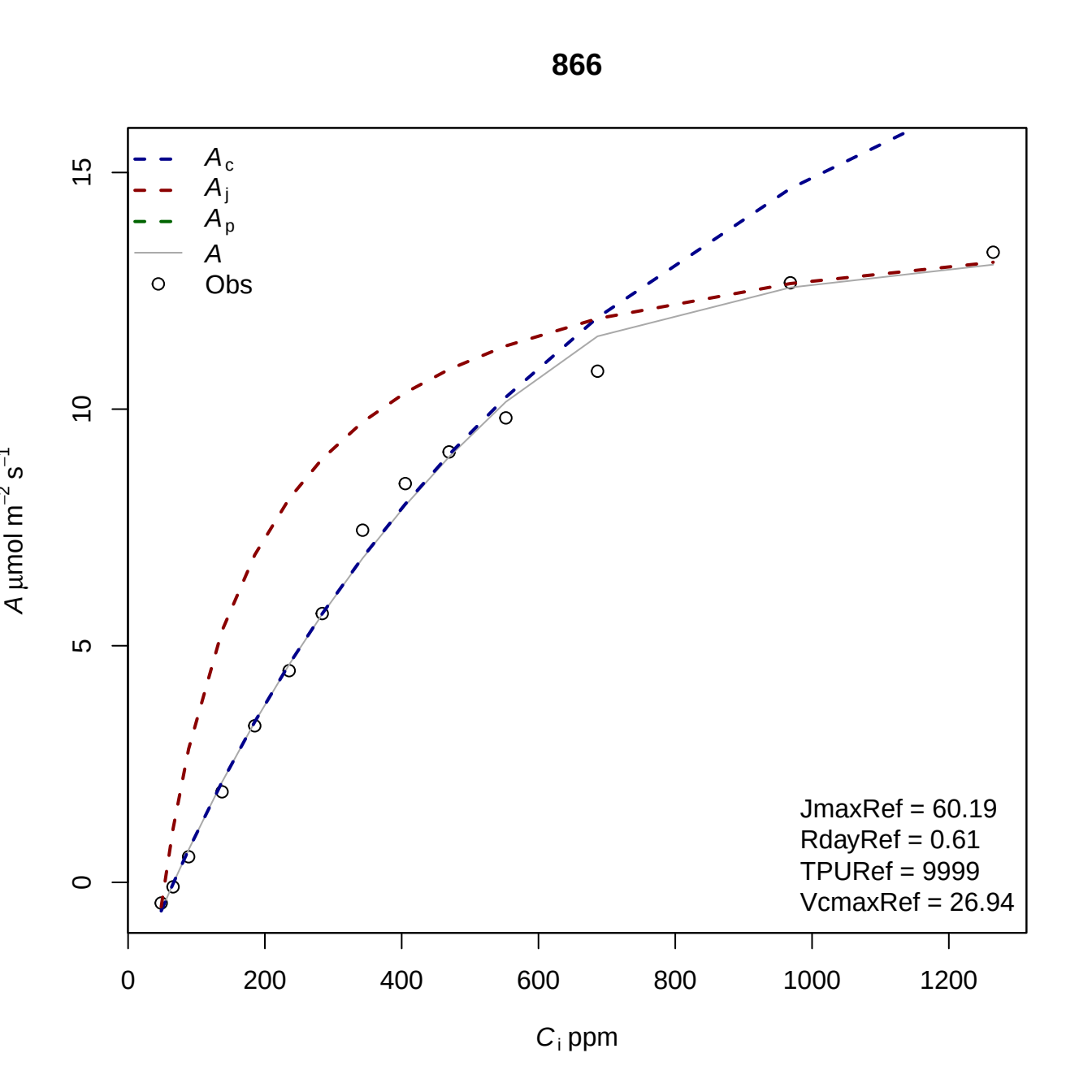

861
A_c
A_j
A_p
A
Obs
JmaxRef = 143.94
RdayRef = 0.6
TPURef = 9999
VcmaxRef = 71.65
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
0
200
400
600
800
1000
1200

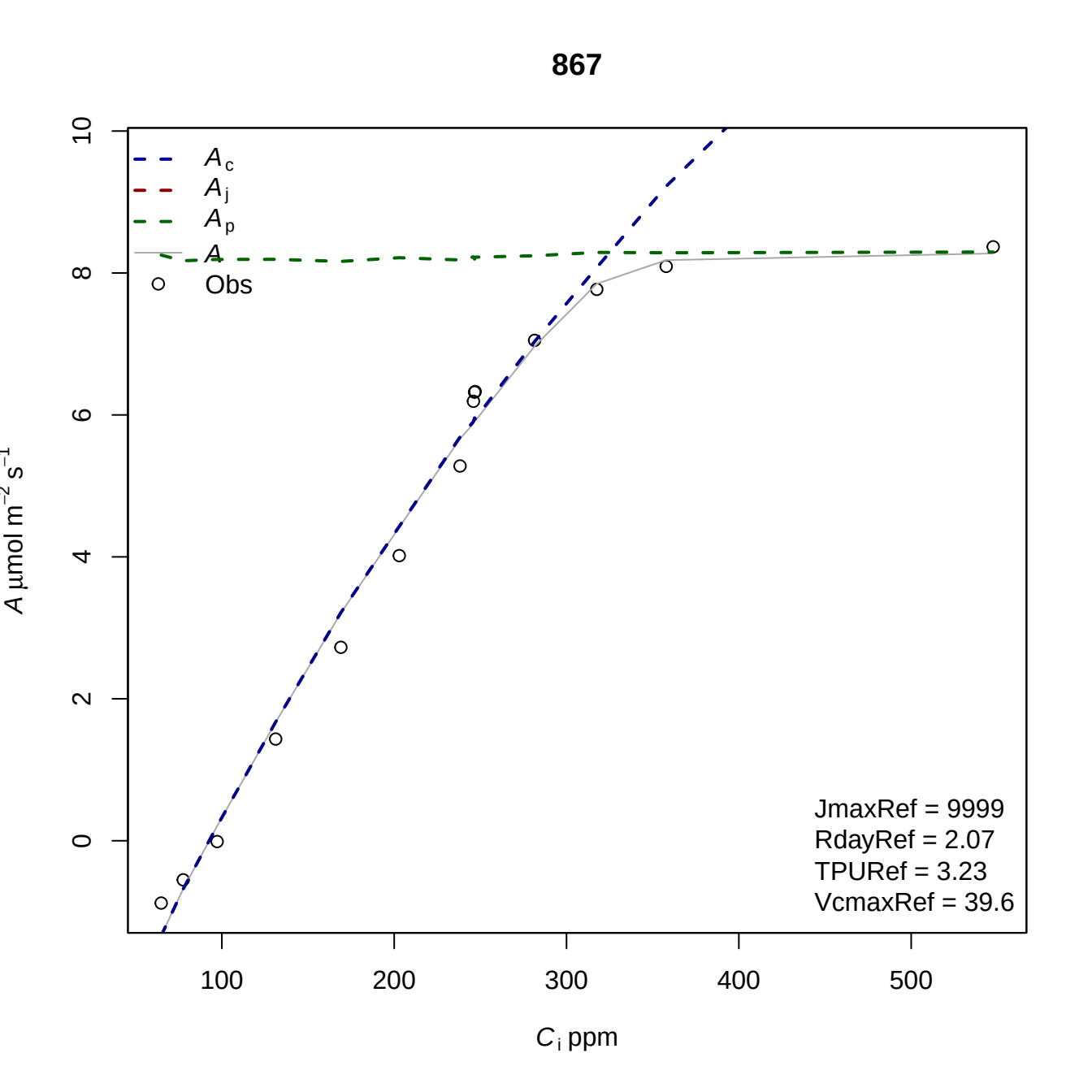

862
A_c
A_j
A_p
A
Obs
JmaxRef = 110.21
RdayRef = 0.69
TPURef = 9999
VcmaxRef = 55.04
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000

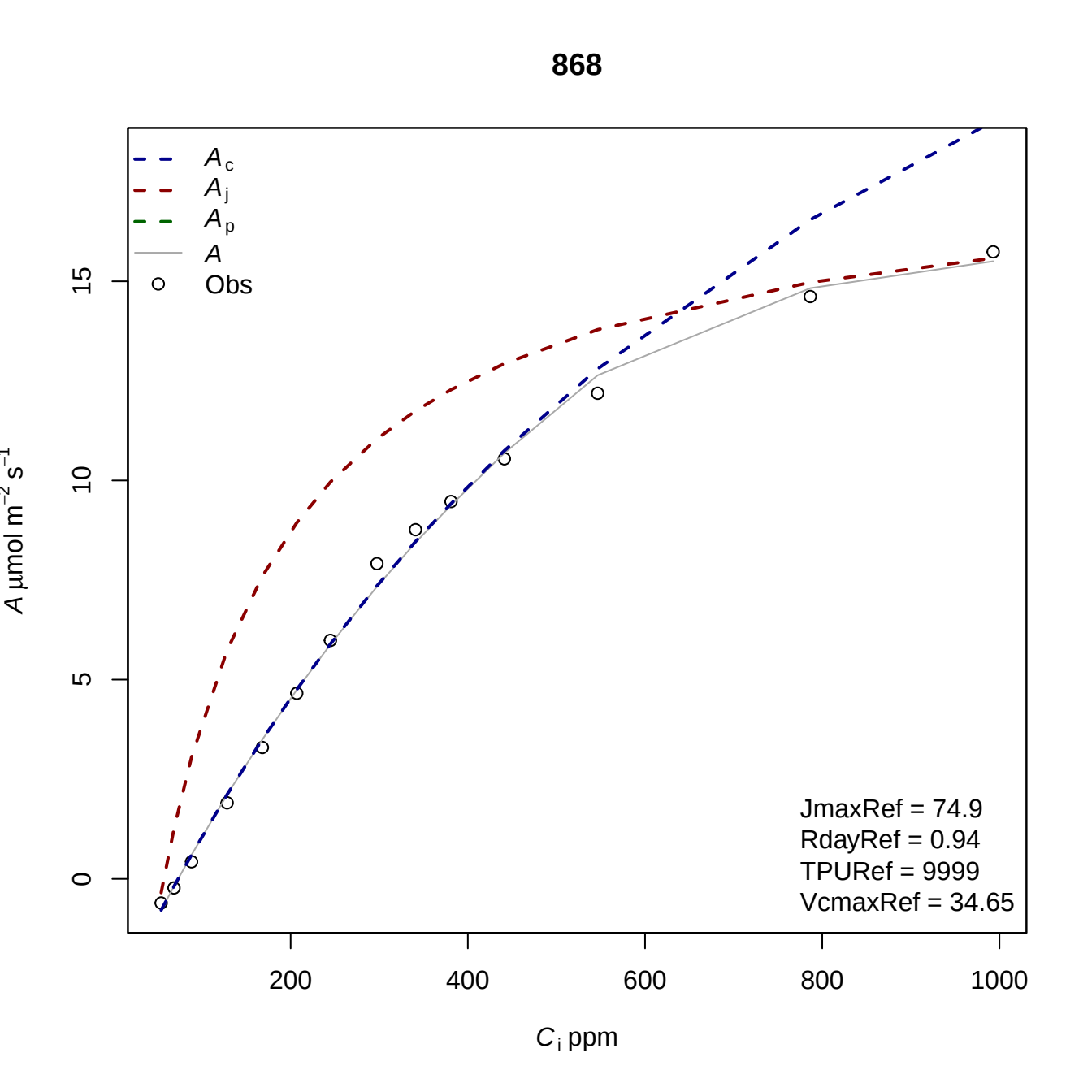

863
A_c
A_j
A_p
A
Obs
JmaxRef = 112.94
RdayRef = 0.44
TPURef = 9999
VcmaxRef = 56.87
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800

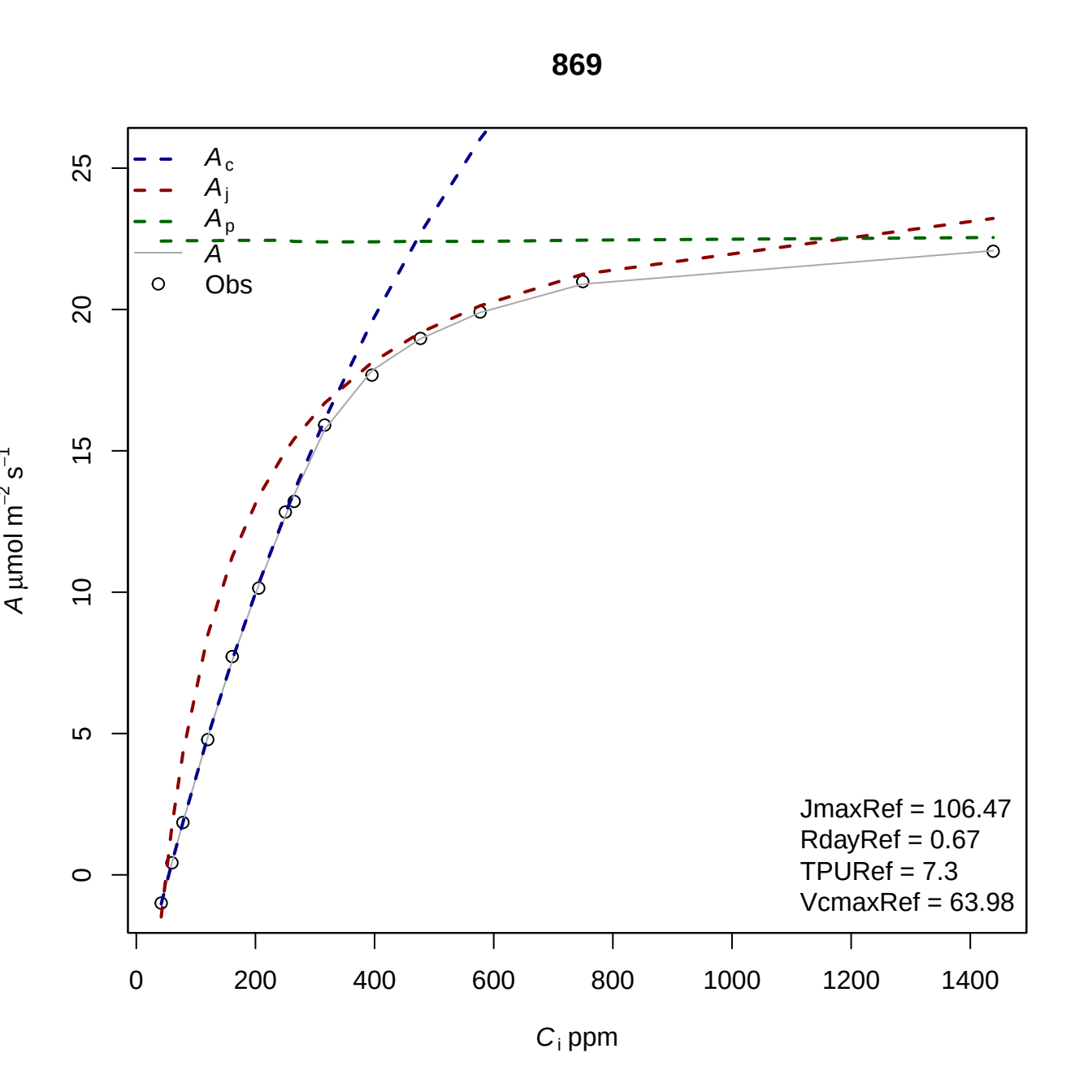

864
A_c
A_j
A_p
A
Obs
JmaxRef = 252.06
RdayRef = 19.28
TPURef = 9999
VcmaxRef = 141.58
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
200
400
600
800
1000
1200

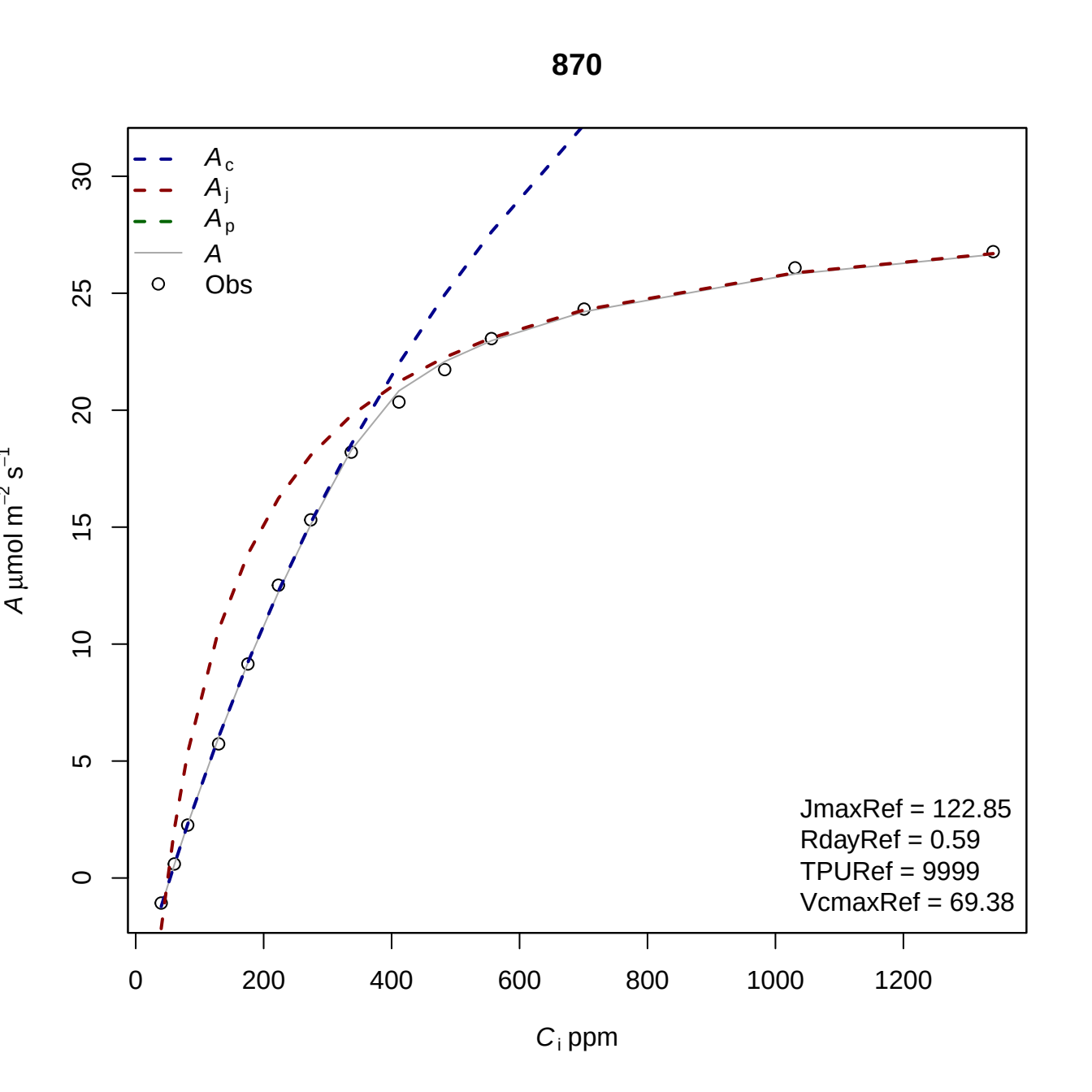

865
A_c
A_j
A_p
A
Obs
JmaxRef = 95.22
RdayRef = −0.62
TPURef = 6.57
VcmaxRef = 66.76
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

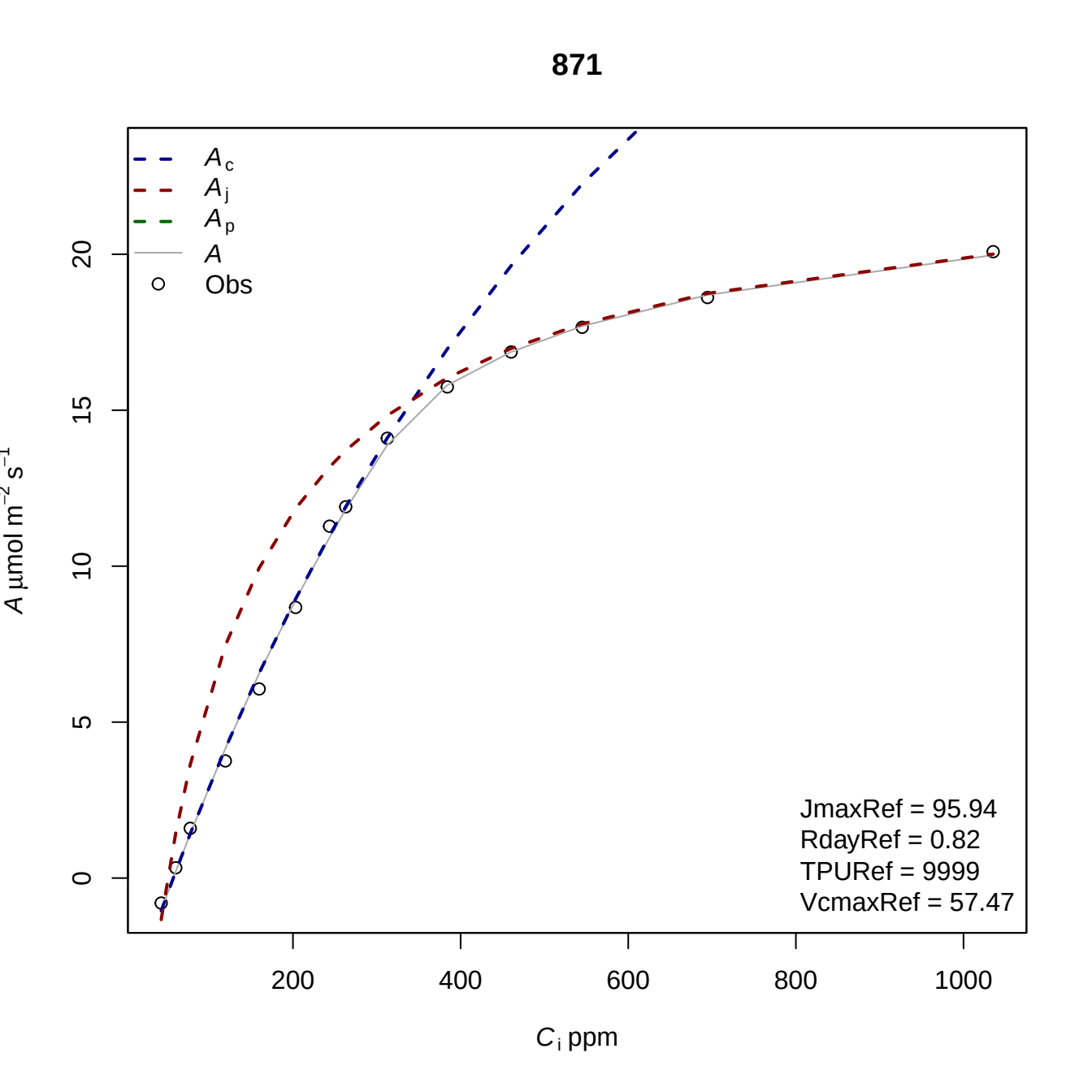

866
A_c
A_j
A_p
A
Obs
JmaxRef = 60.19
RdayRef = 0.61
TPURef = 9999
VcmaxRef = 26.94
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200

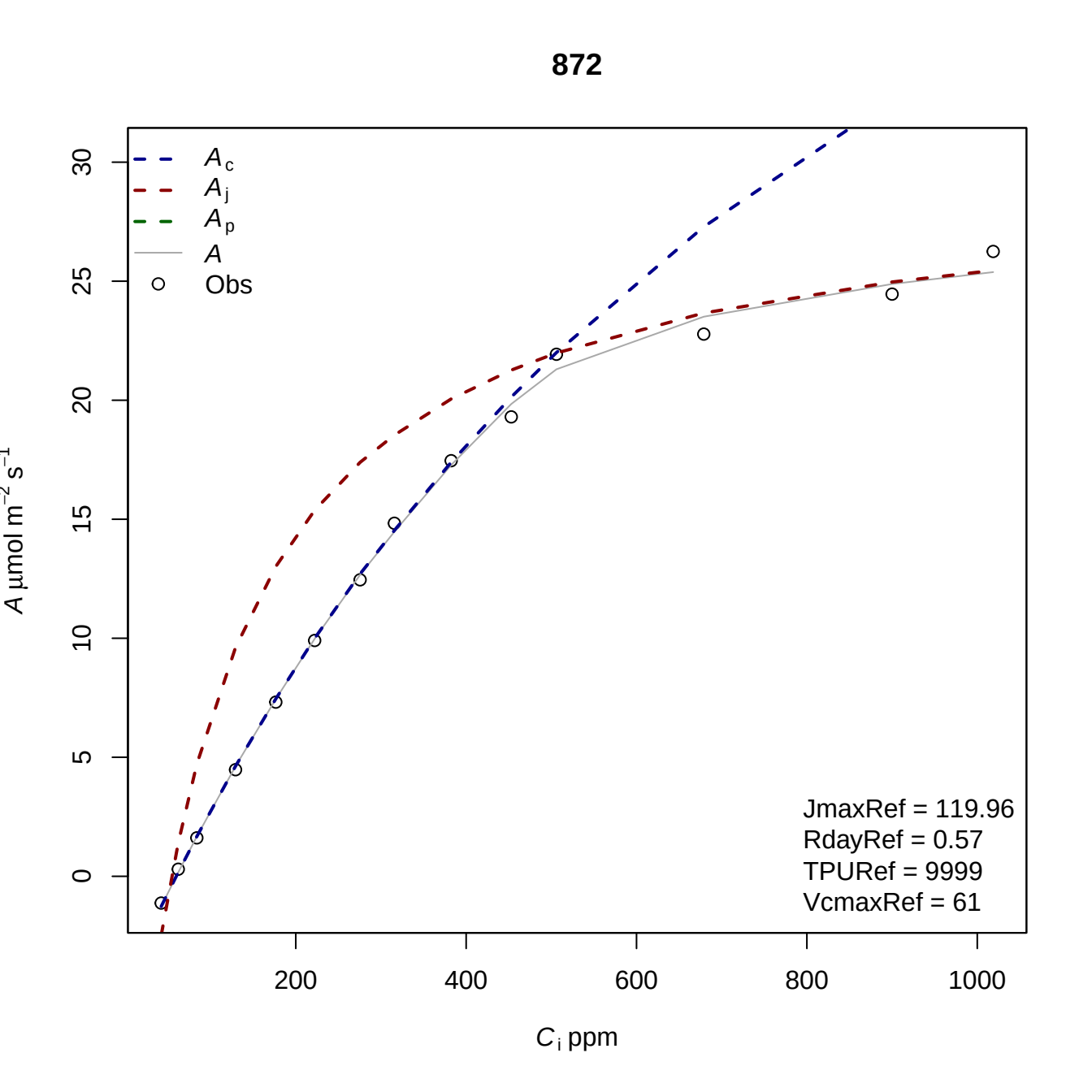

867
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 2.07
TPURef = 3.23
VcmaxRef = 39.6
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
100
200
300
400
500

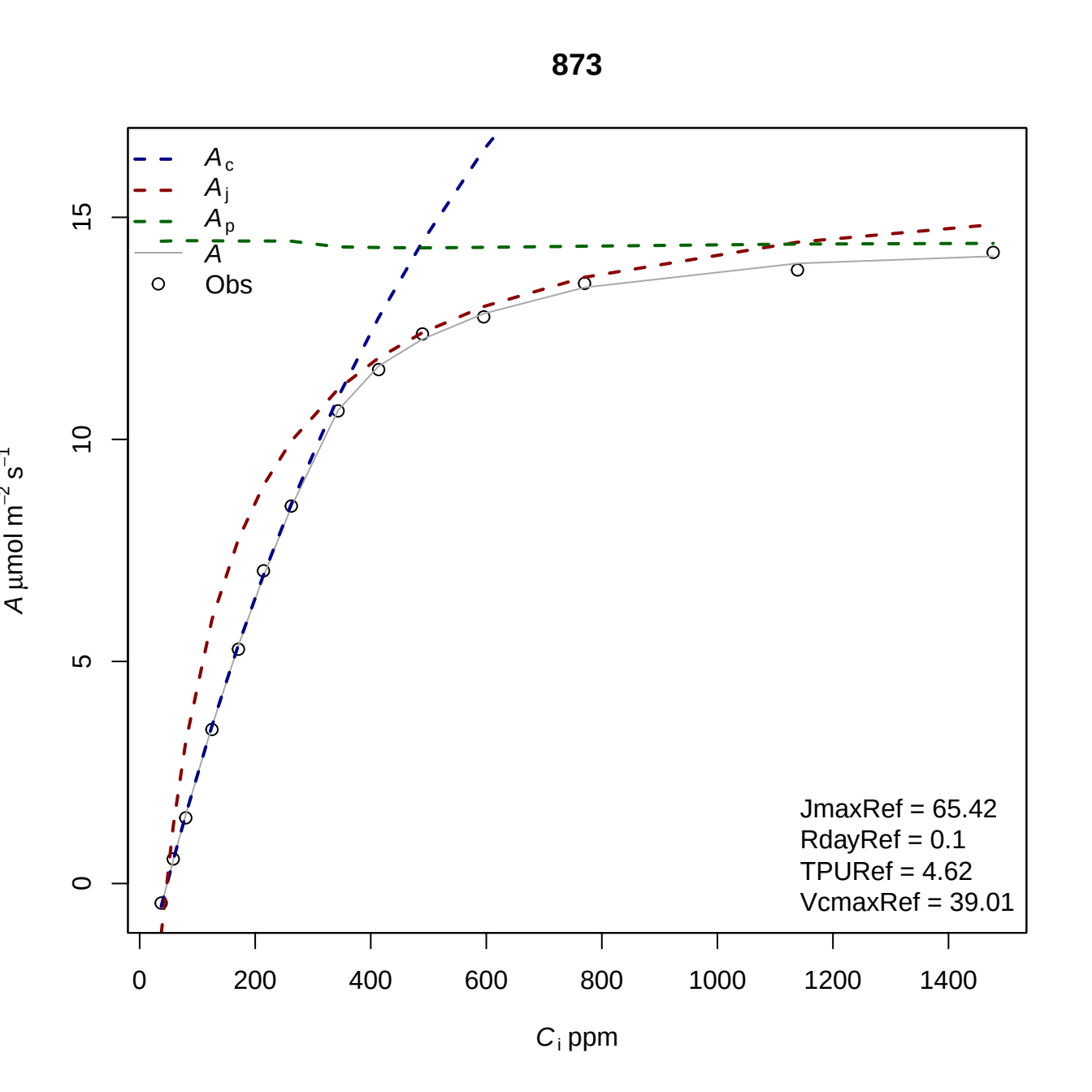

868
A_c
A_j
A_p
A
Obs
JmaxRef = 74.9
RdayRef = 0.94
TPURef = 9999
VcmaxRef = 34.65
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000

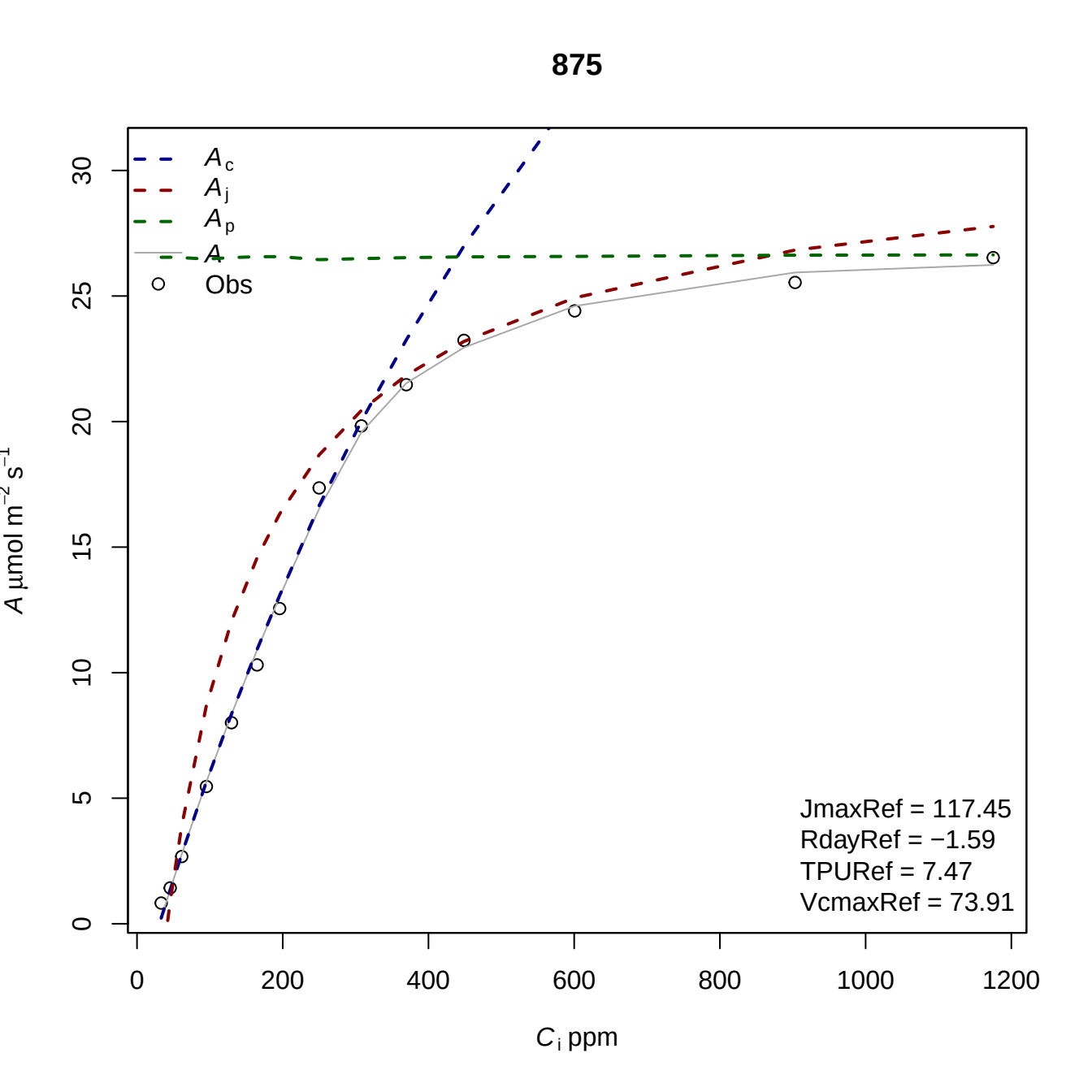

869
A_c
A_j
A_p
A
Obs
JmaxRef = 106.47
RdayRef = 0.67
TPURef = 7.3
VcmaxRef = 63.98
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

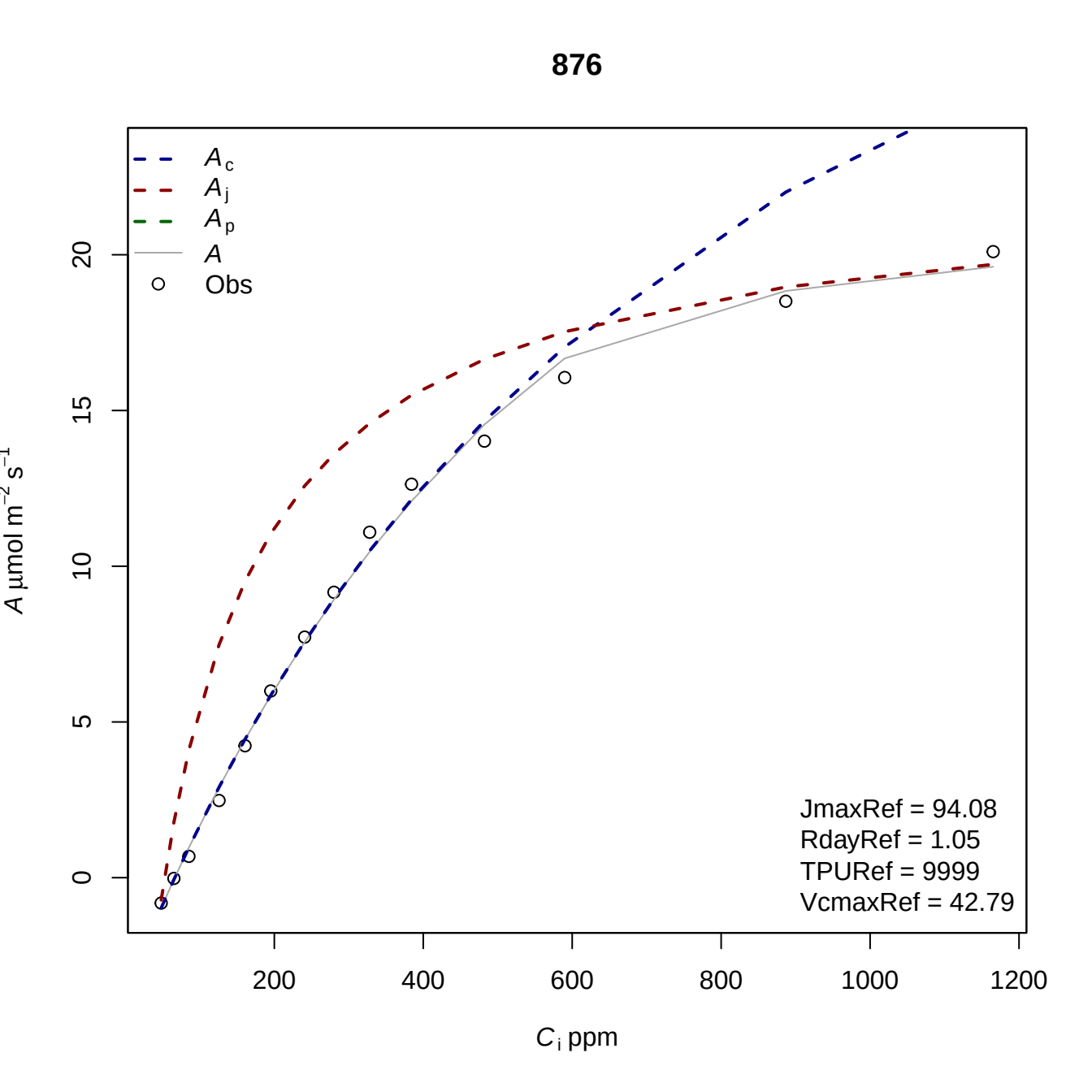

870
A_c
A_j
A_p
A
Obs
JmaxRef = 122.85
RdayRef = 0.59
TPURef = 9999
VcmaxRef = 69.38
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

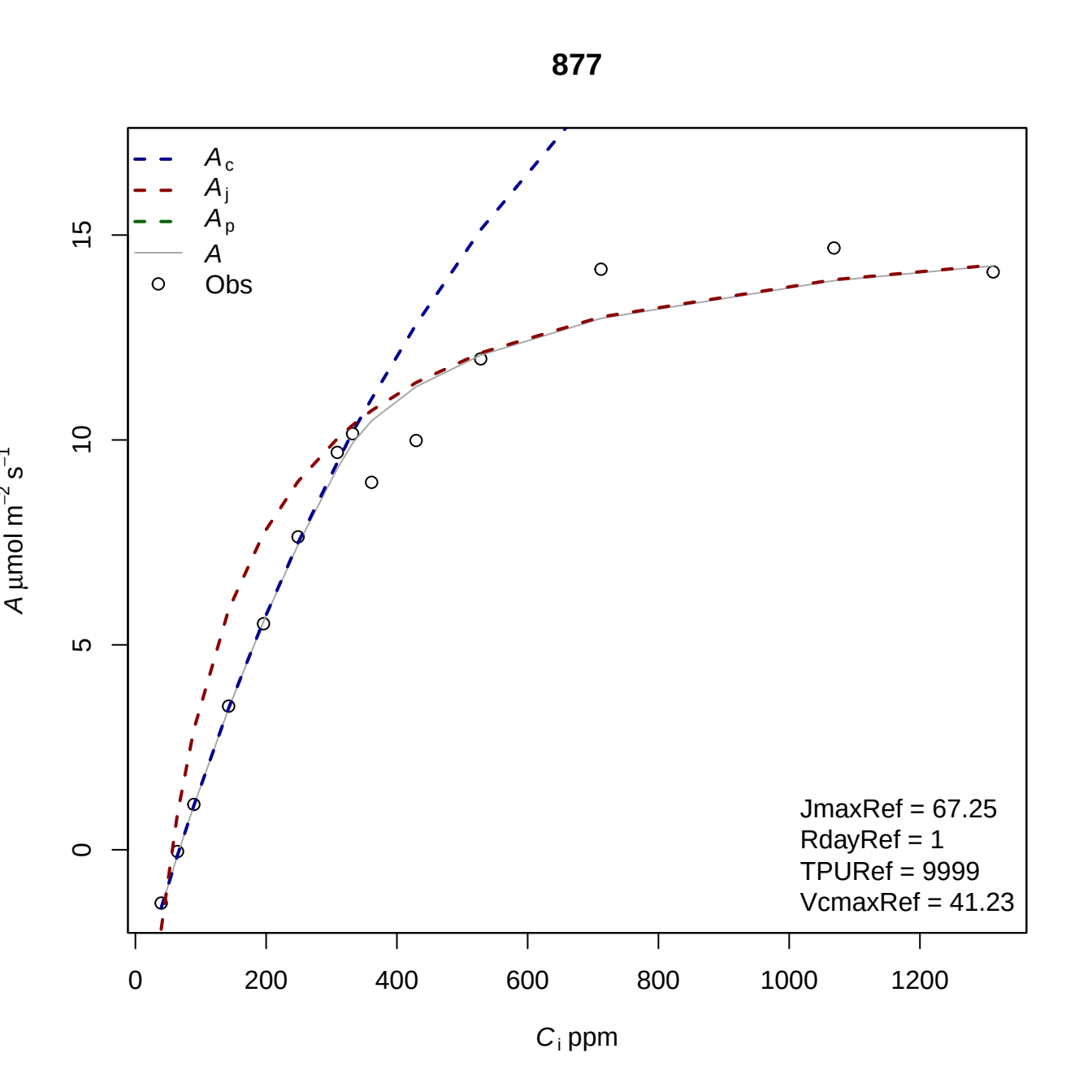

871
A_c
A_j
A_p
A
Obs
JmaxRef = 95.94
RdayRef = 0.82
TPURef = 9999
VcmaxRef = 57.47
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

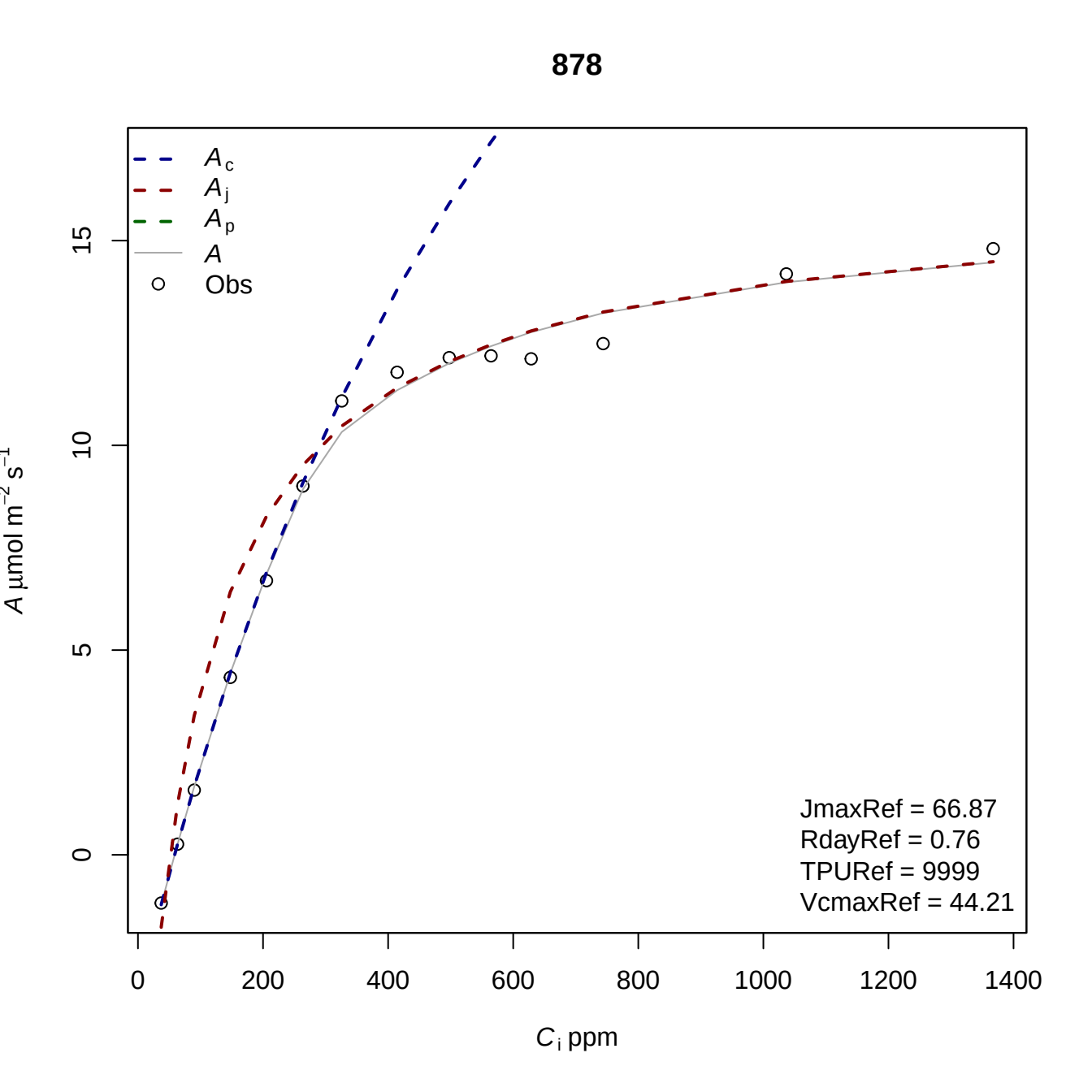

872
A_c
A_j
A_p
A
Obs
JmaxRef = 119.96
RdayRef = 0.57
TPURef = 9999
VcmaxRef = 61
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000

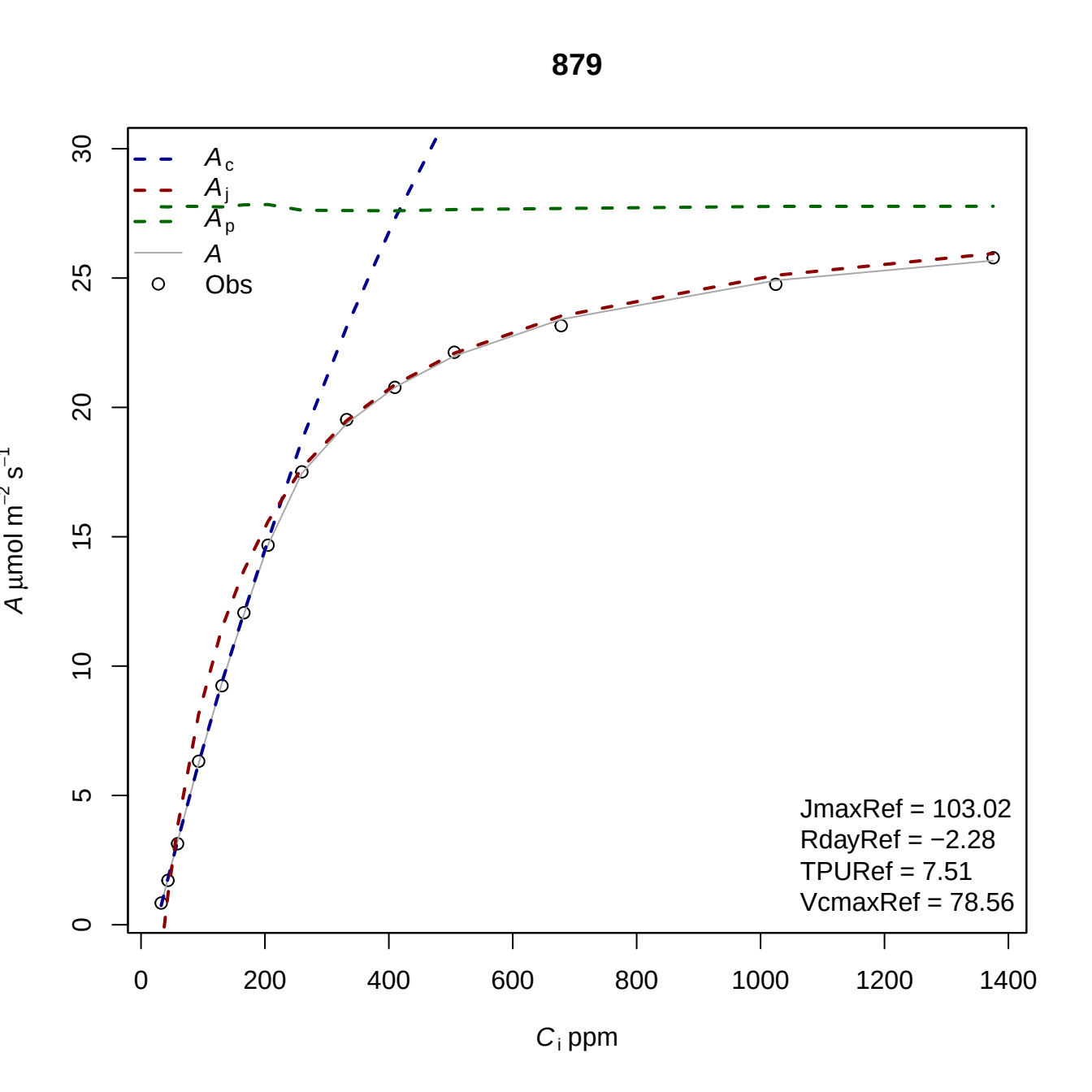

873
A_c
A_j
A_p
A
Obs
JmaxRef = 65.42
RdayRef = 0.1
TPURef = 4.62
VcmaxRef = 39.01
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

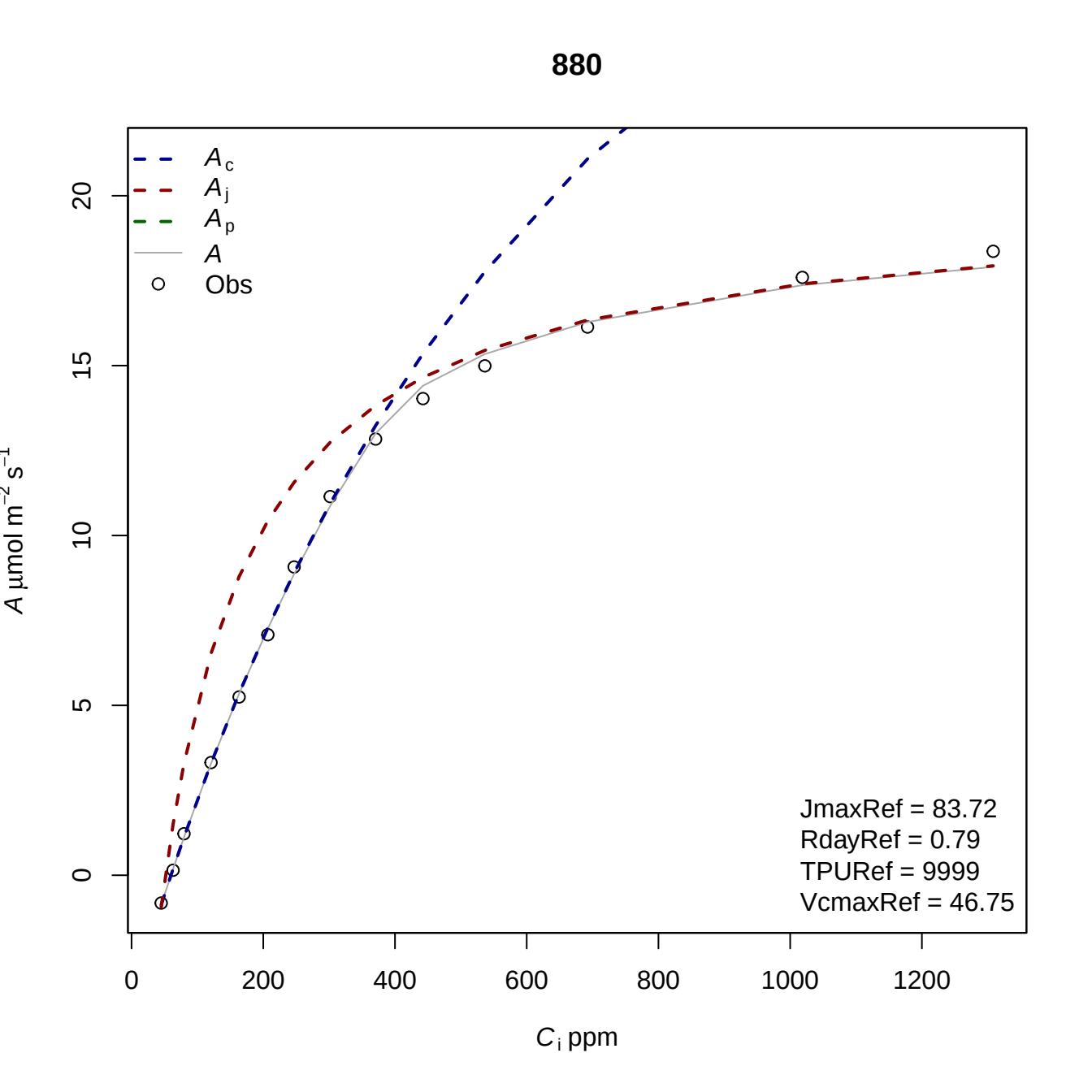

875
A_c
A_j
A_p
A
Obs
JmaxRef = 117.45
RdayRef = −1.59
TPURef = 7.47
VcmaxRef = 73.91
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

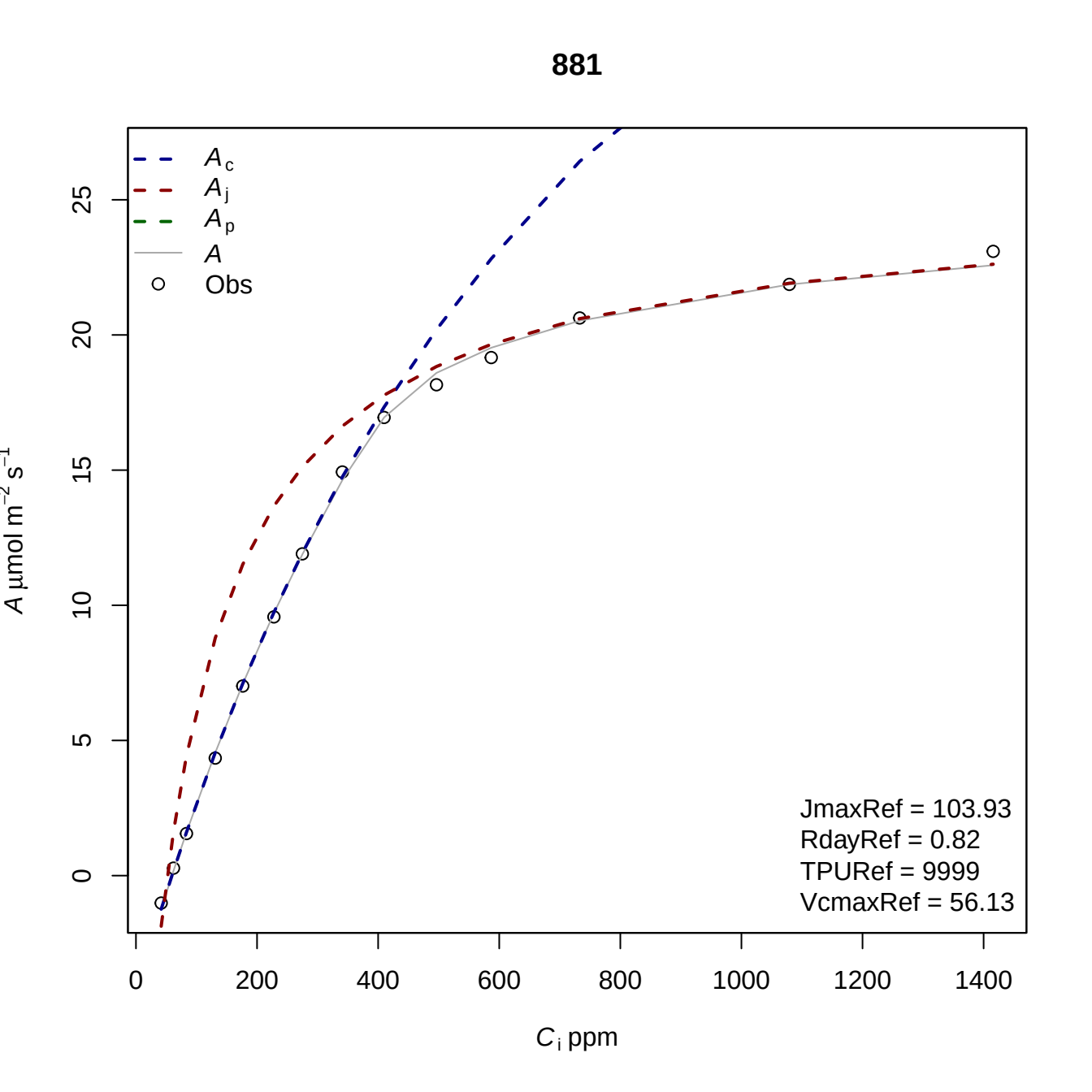

876
A_c
A_j
A_p
A
Obs
JmaxRef = 94.08
RdayRef = 1.05
TPURef = 9999
VcmaxRef = 42.79
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

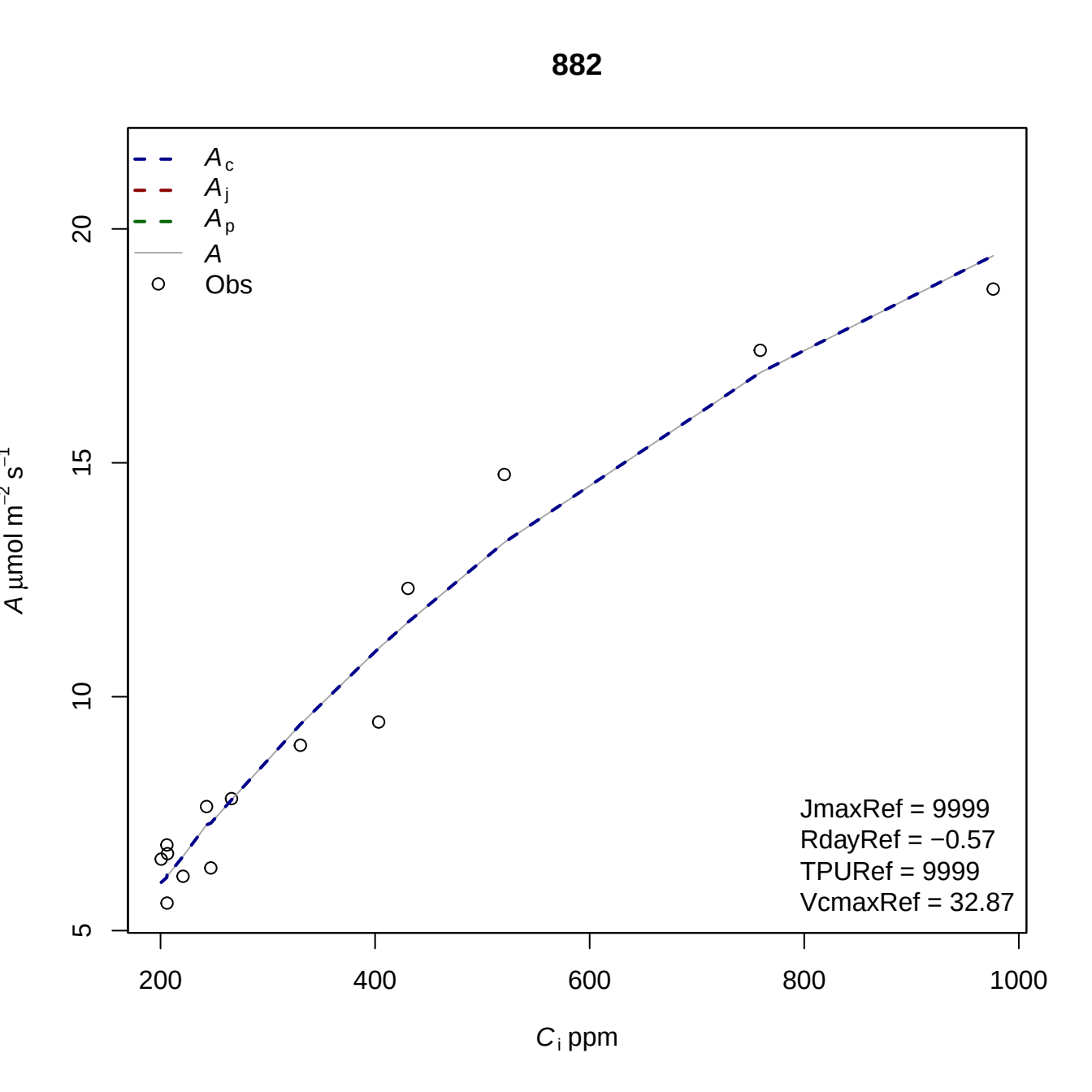

877
A_c
A_j
A_p
A
Obs
JmaxRef = 67.25
RdayRef = 1
TPURef = 9999
VcmaxRef = 41.23
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200

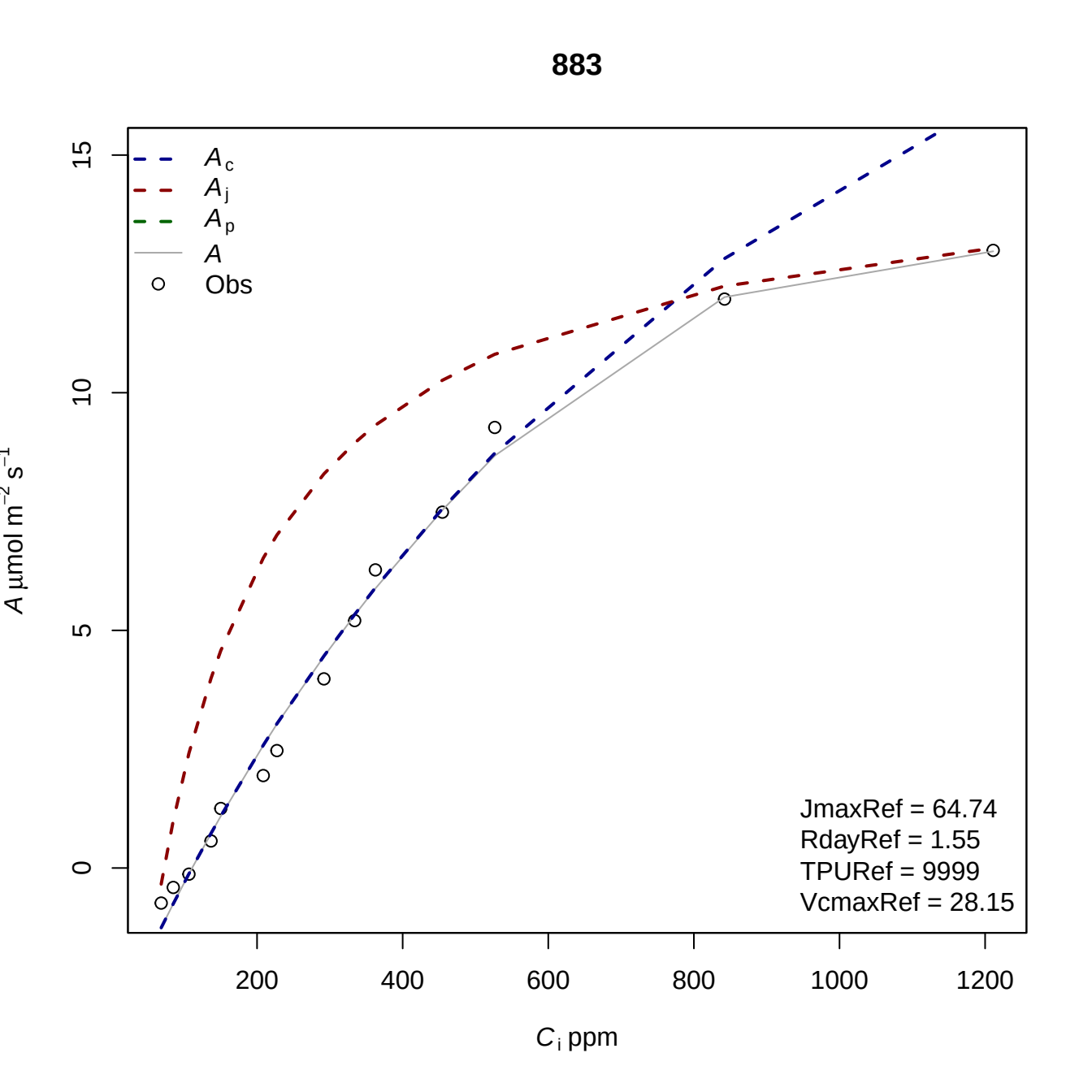

878
A_c
A_j
A_p
A
Obs
JmaxRef = 66.87
RdayRef = 0.76
TPURef = 9999
VcmaxRef = 44.21
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

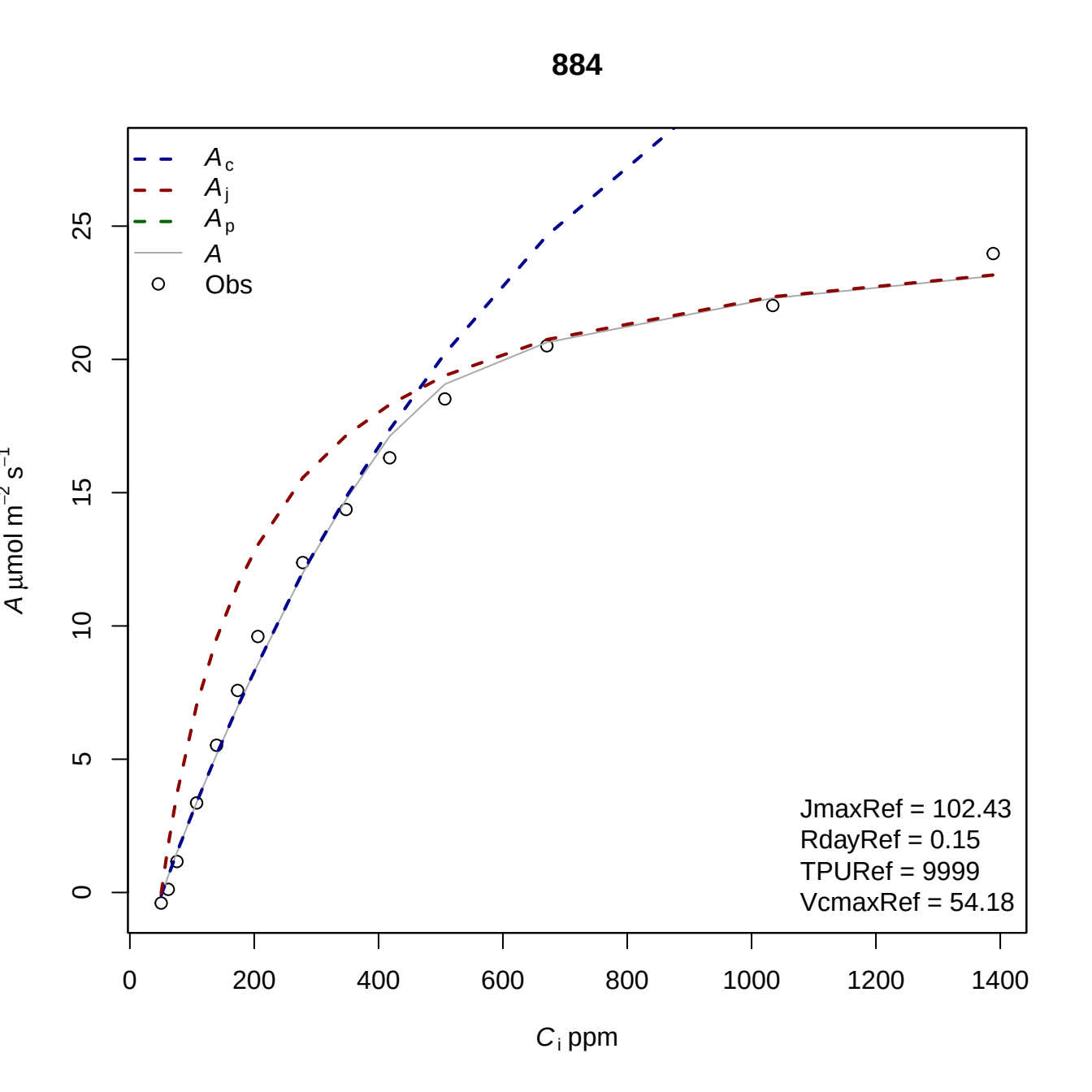

879
A_c
A_j
A_p
A
Obs
JmaxRef = 103.02
RdayRef = −2.28
TPURef = 7.51
VcmaxRef = 78.56
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

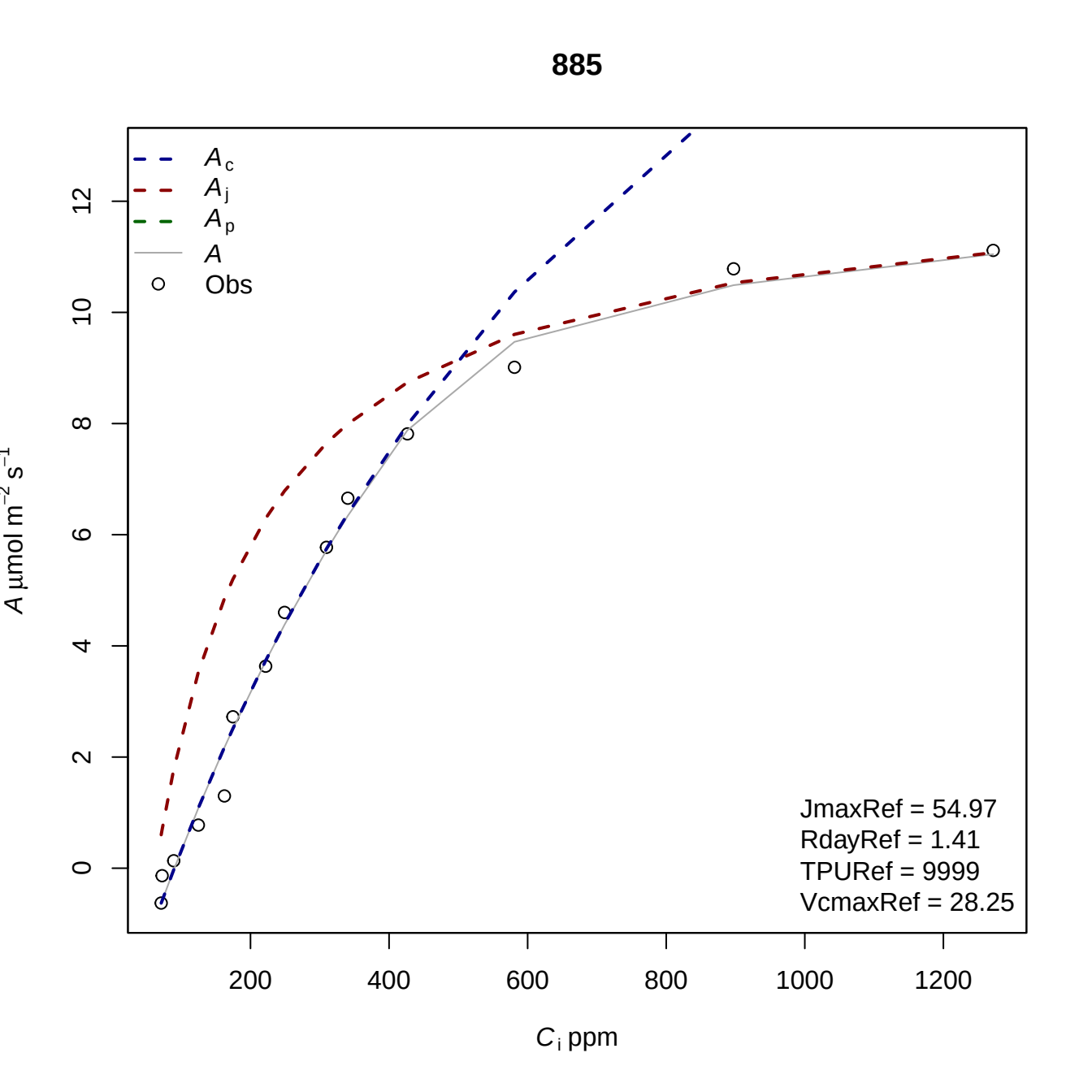

880
A_c
A_j
A_p
A
Obs
JmaxRef = 83.72
RdayRef = 0.79
TPURef = 9999
VcmaxRef = 46.75
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200

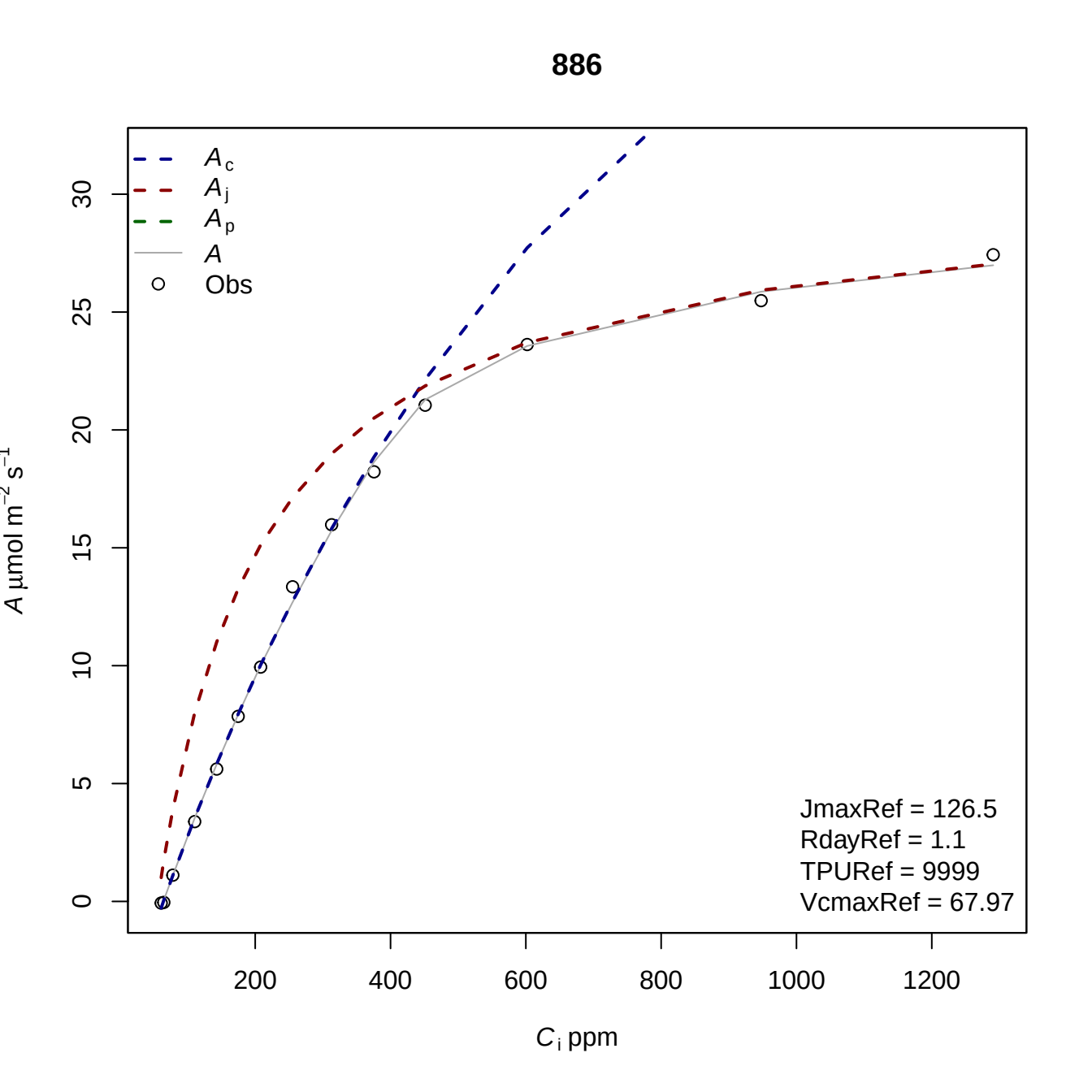

881
A_c
A_j
A_p
A
Obs
JmaxRef = 103.93
RdayRef = 0.82
TPURef = 9999
VcmaxRef = 56.13
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

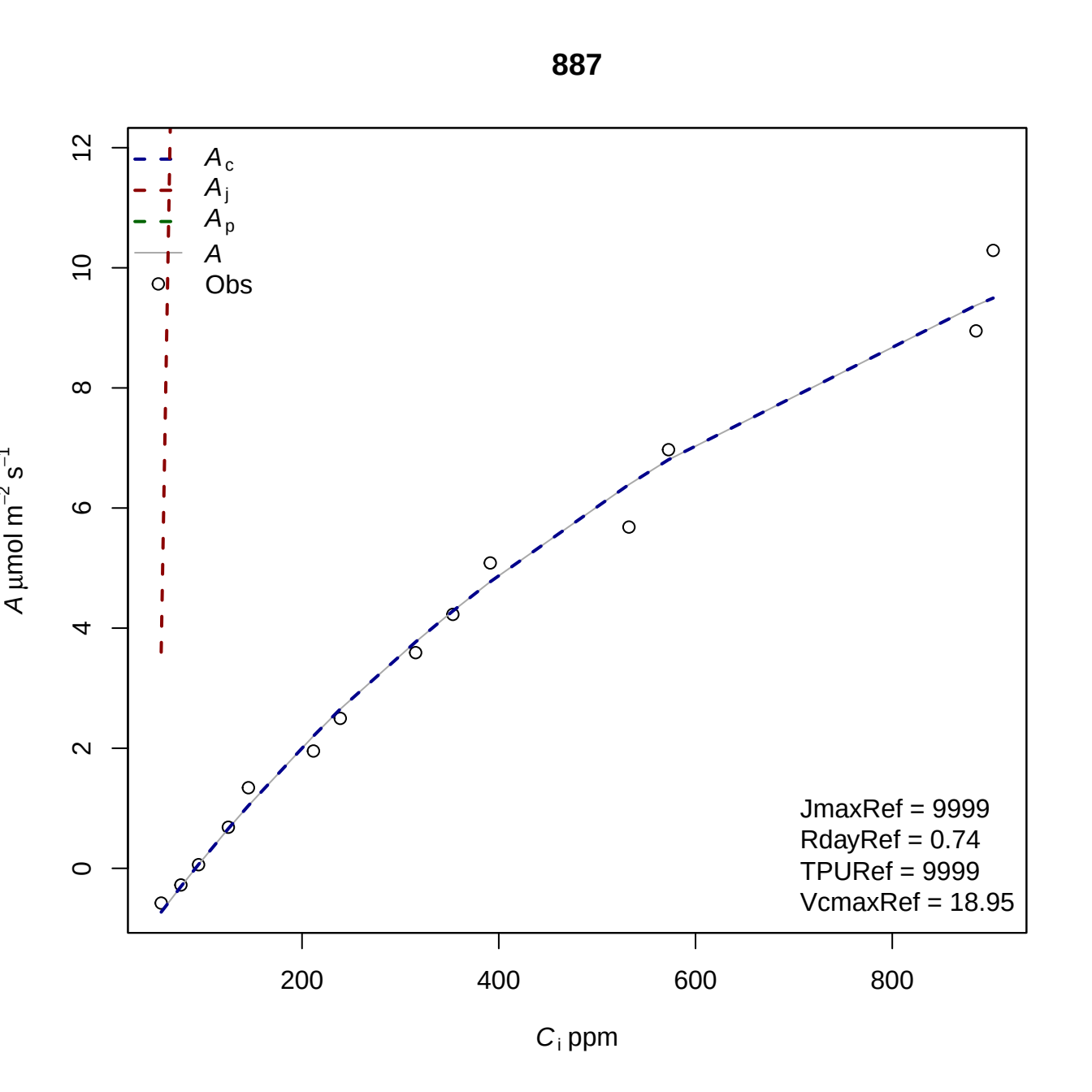

882
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = −0.57
TPURef = 9999
VcmaxRef = 32.87
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
200
400
600
800
1000

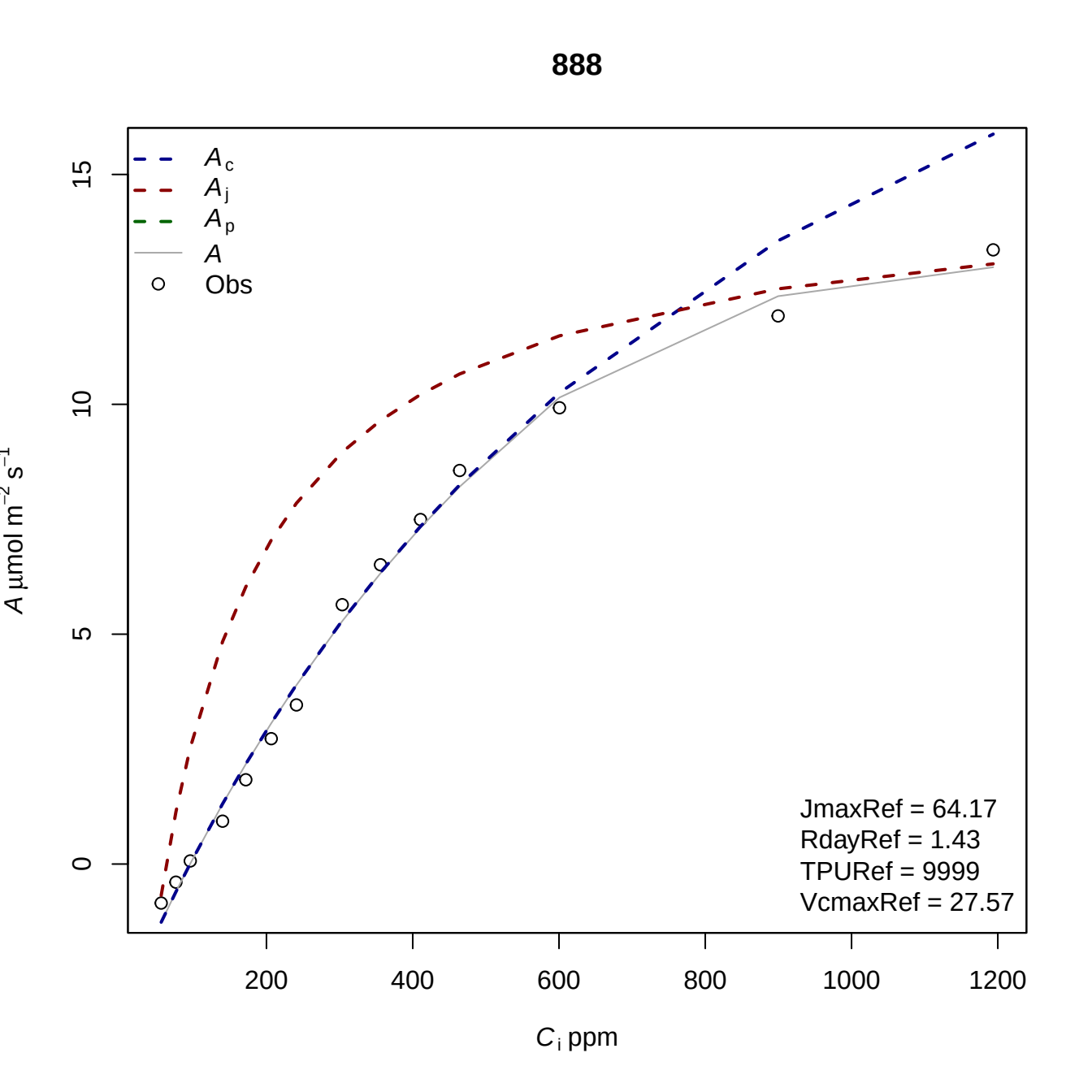

883
A_c
A_j
A_p
A
Obs
JmaxRef = 64.74
RdayRef = 1.55
TPURef = 9999
VcmaxRef = 28.15
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

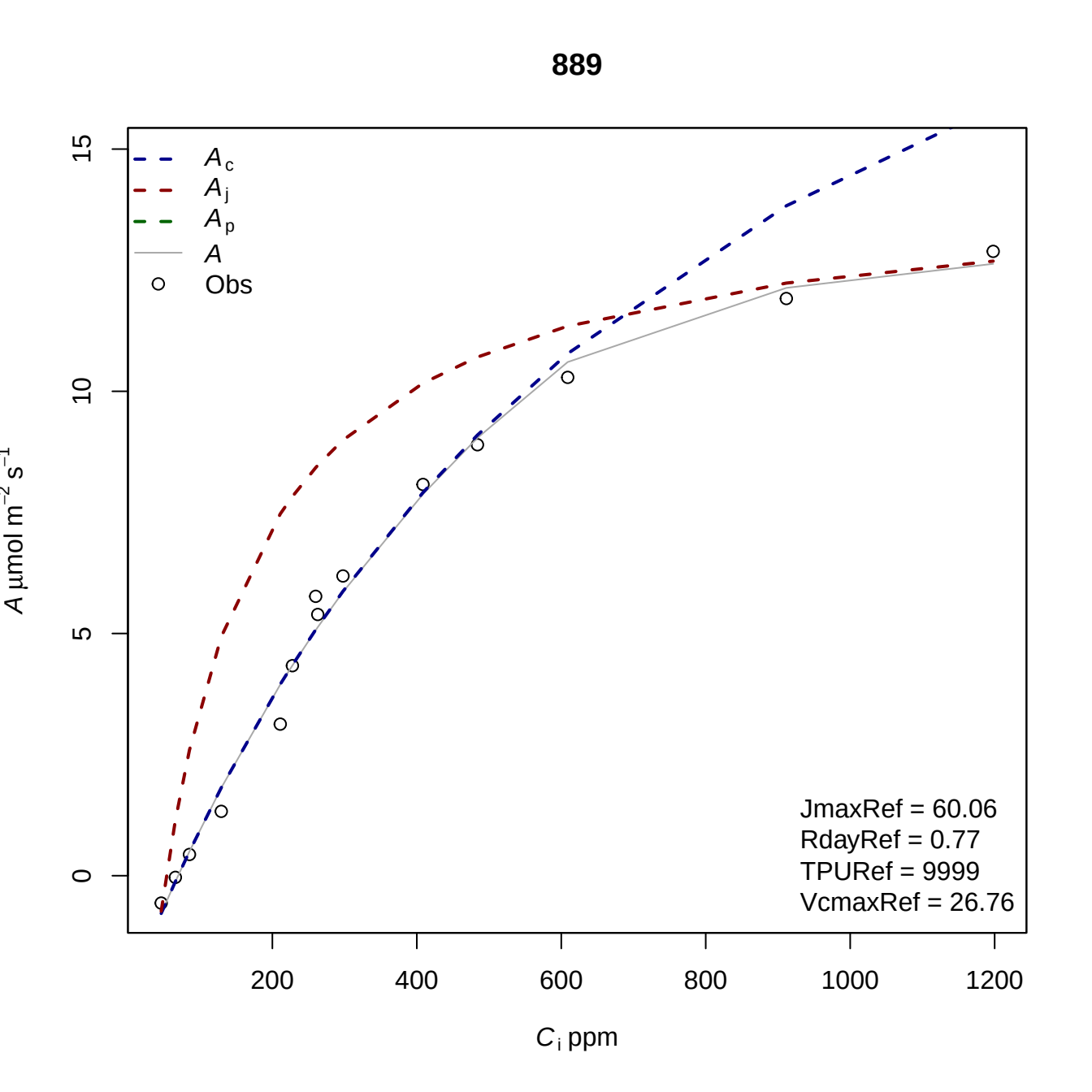

884
A_c
A_j
A_p
A
Obs
JmaxRef = 102.43
RdayRef = 0.15
TPURef = 9999
VcmaxRef = 54.18
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

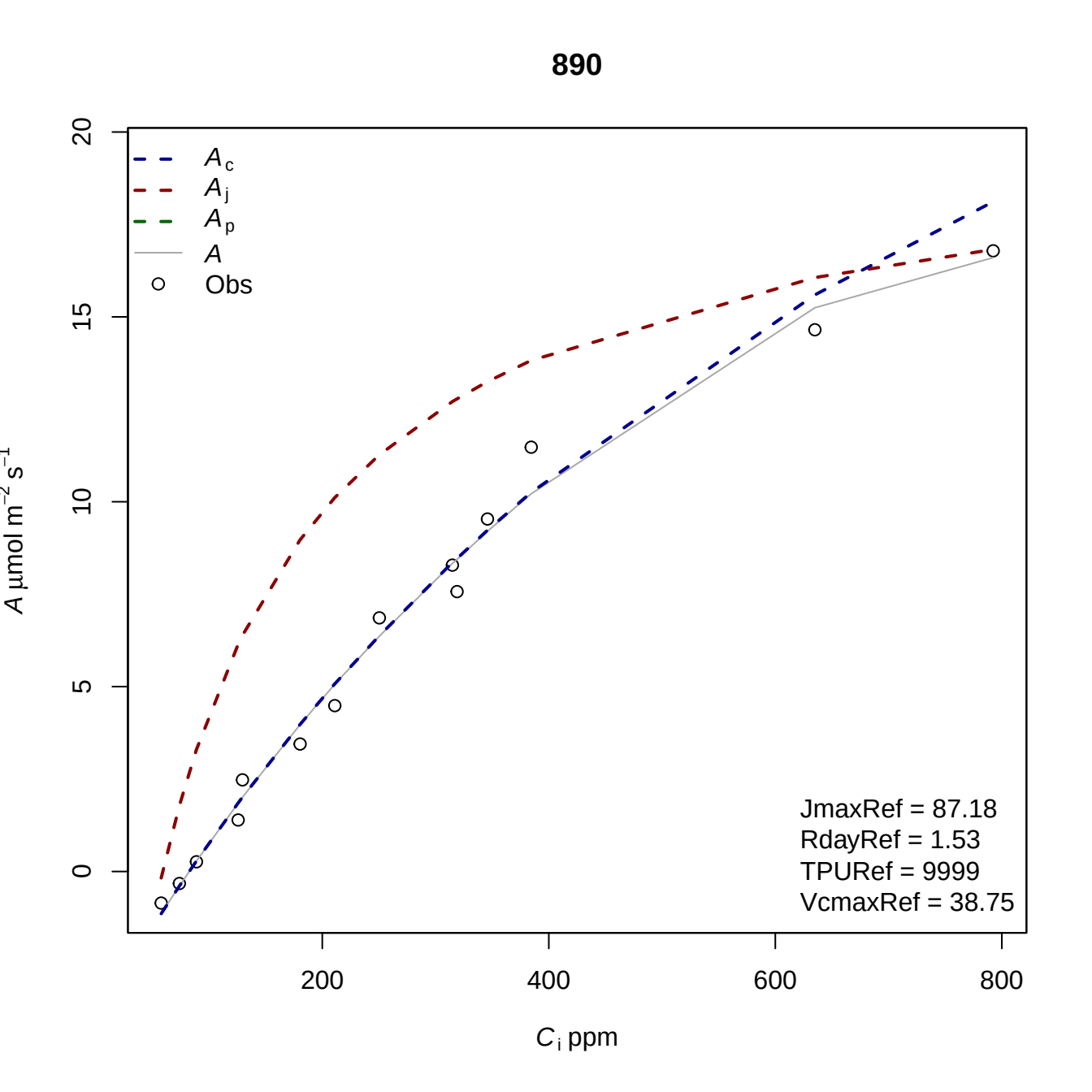

885
A_c
A_j
A_p
A
Obs
JmaxRef = 54.97
RdayRef = 1.41
TPURef = 9999
VcmaxRef = 28.25
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000
1200

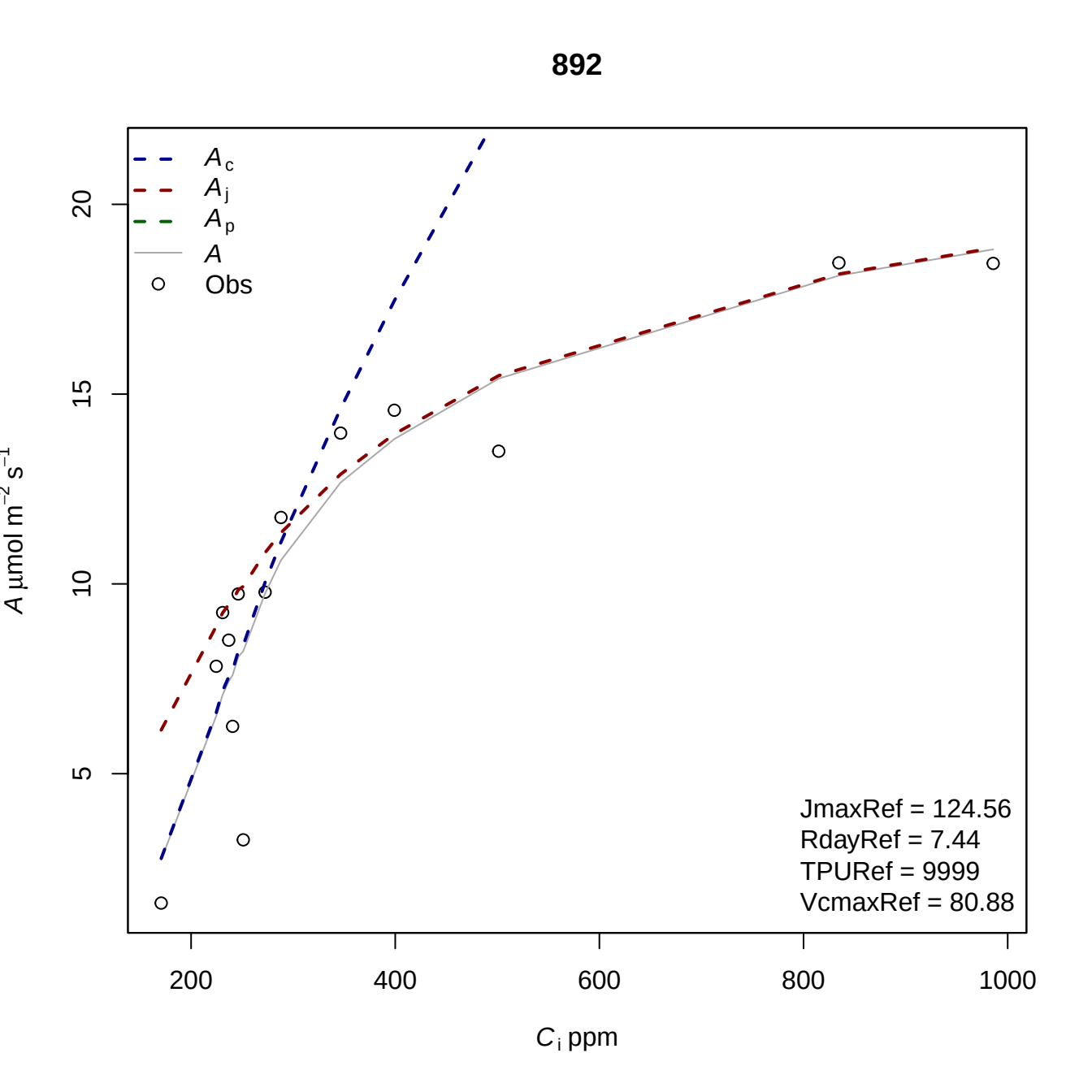

886
A_c
A_j
A_p
A
Obs
JmaxRef = 126.5
RdayRef = 1.1
TPURef = 9999
VcmaxRef = 67.97
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000
1200

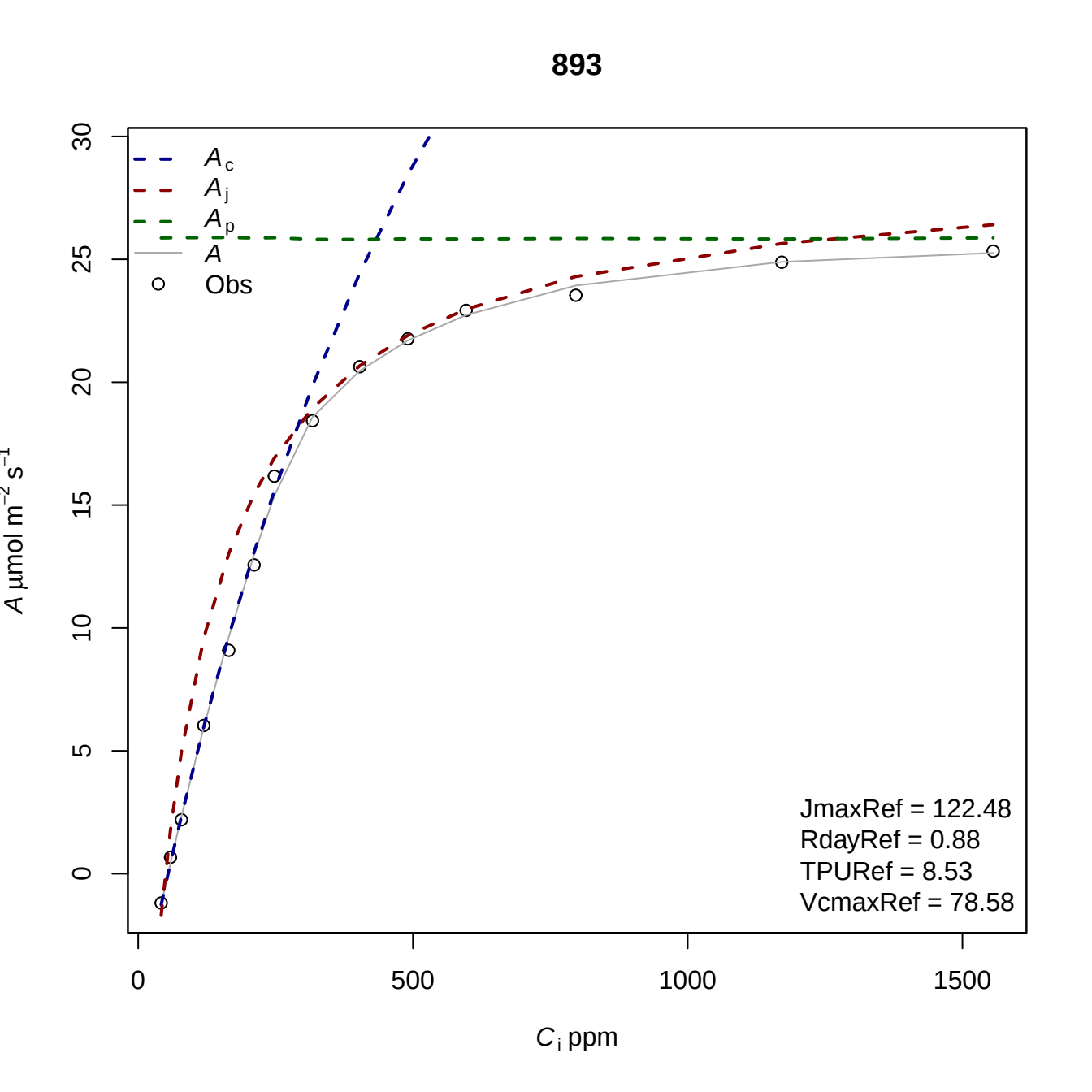

887
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.74
TPURef = 9999
VcmaxRef = 18.95
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800

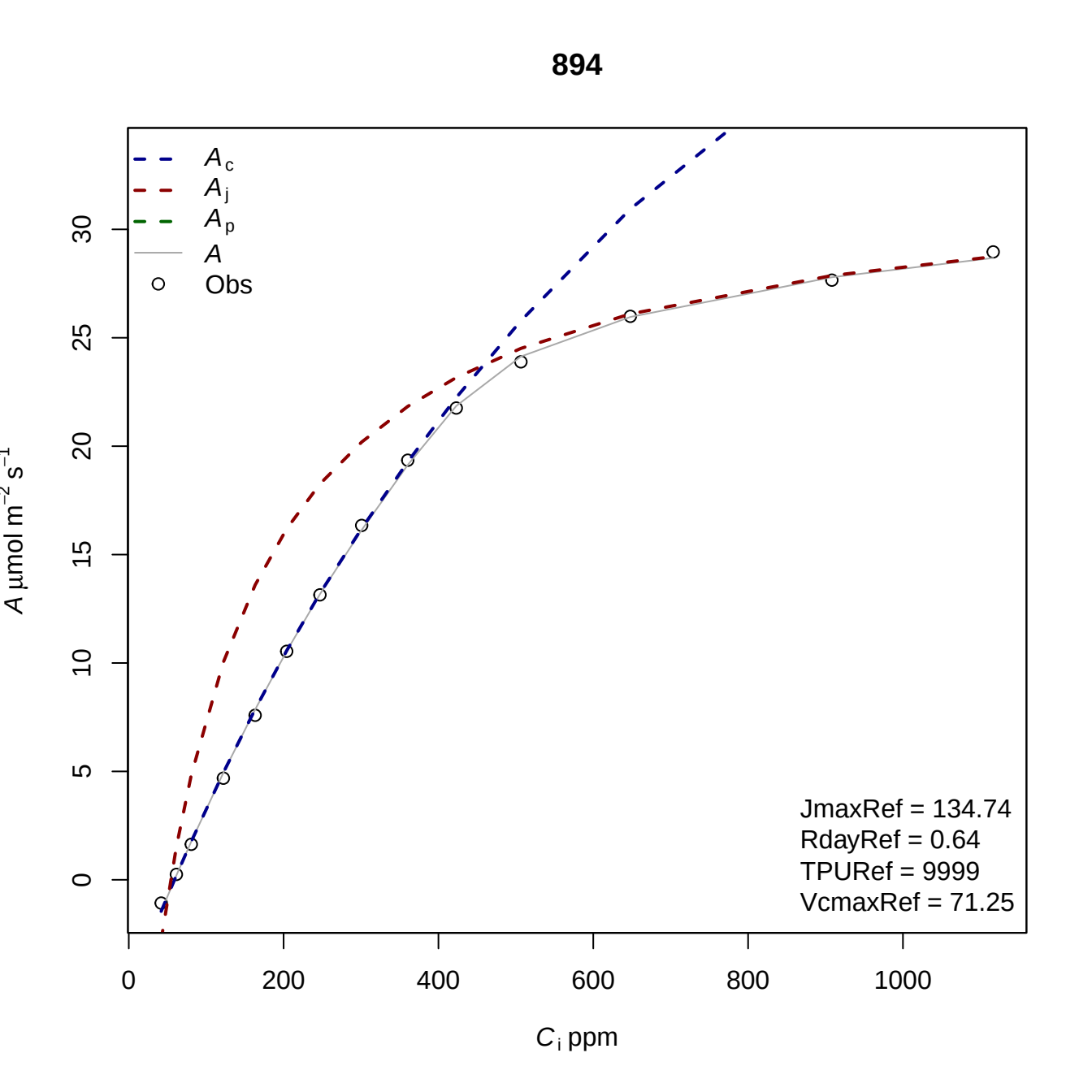

888
A_c
A_j
A_p
A
Obs
JmaxRef = 64.17
RdayRef = 1.43
TPURef = 9999
VcmaxRef = 27.57
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

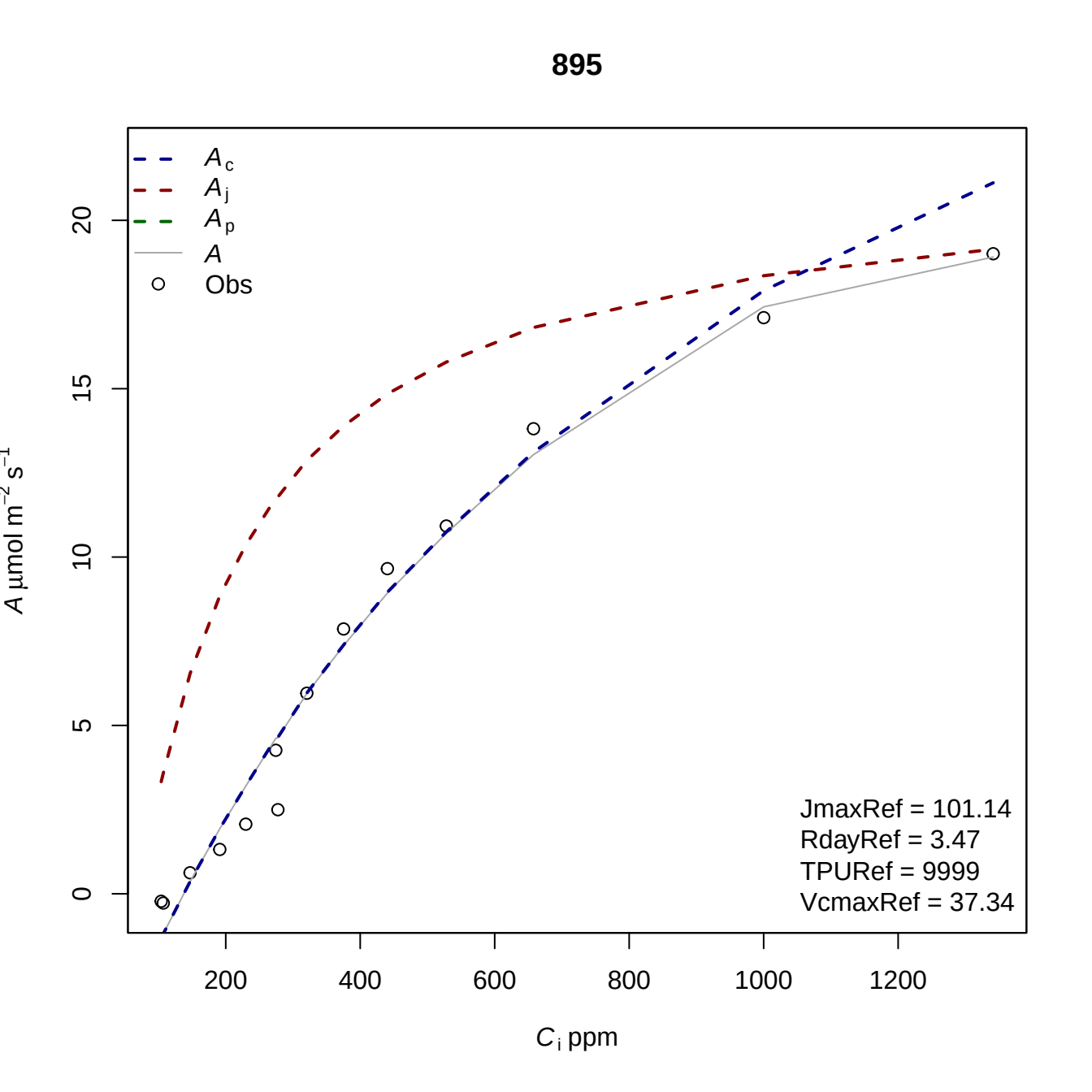

889
A_c
A_j
A_p
A
Obs
JmaxRef = 60.06
RdayRef = 0.77
TPURef = 9999
VcmaxRef = 26.76
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

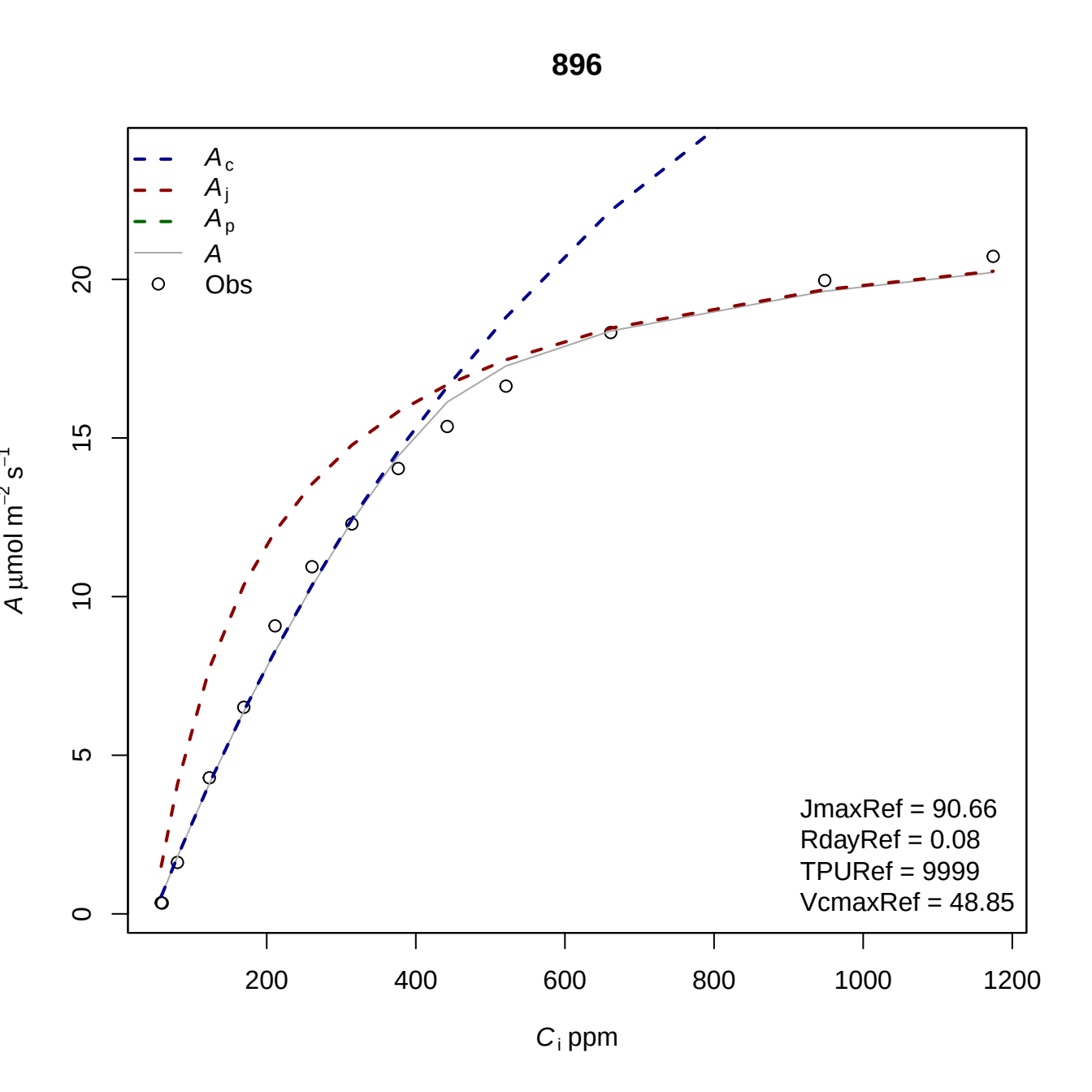

890
A_c
A_j
A_p
A
Obs
JmaxRef = 87.18
RdayRef = 1.53
TPURef = 9999
VcmaxRef = 38.75
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800

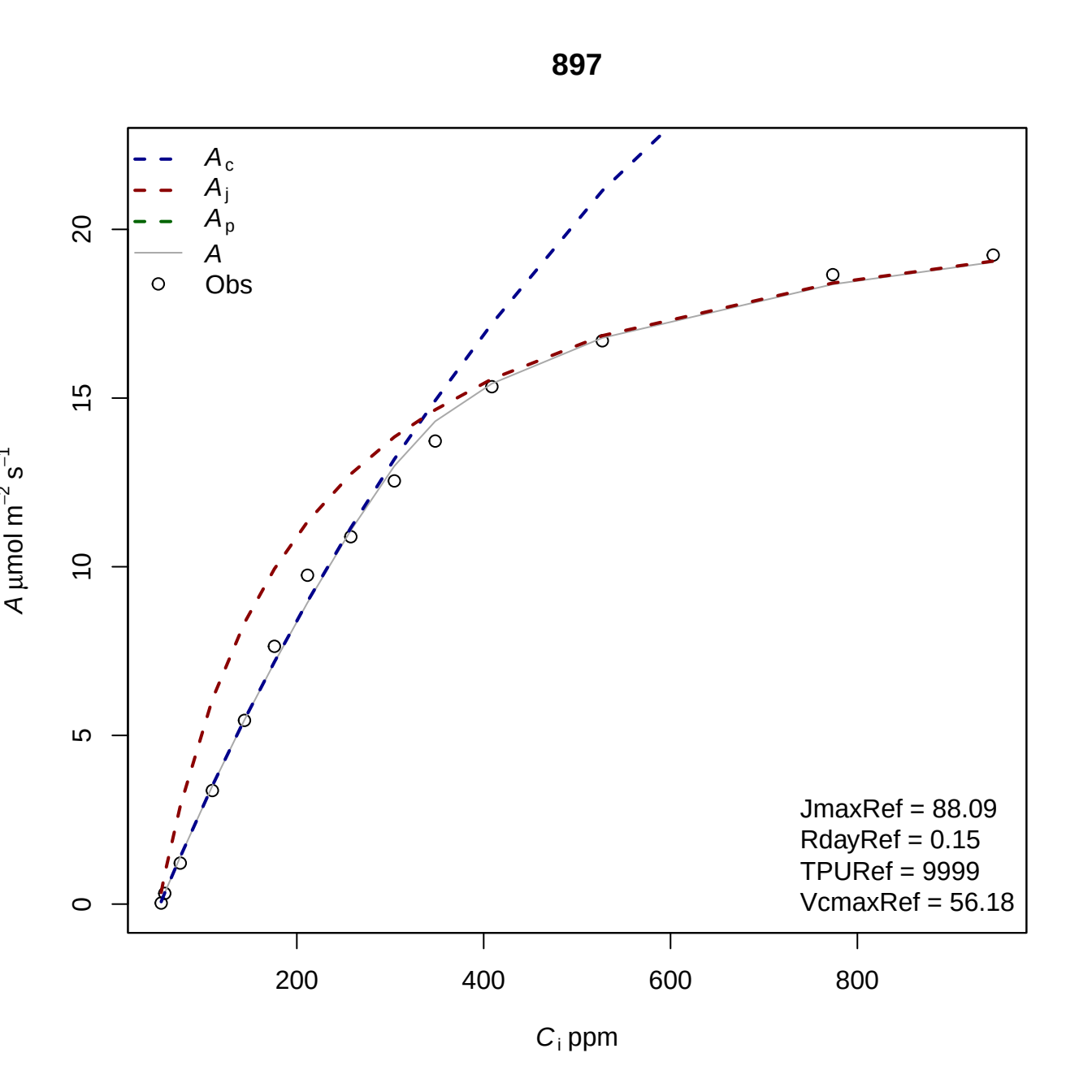

892
A_c
A_j
A_p
A
Obs
JmaxRef = 124.56
RdayRef = 7.44
TPURef = 9999
VcmaxRef = 80.88
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
200
400
600
800
1000

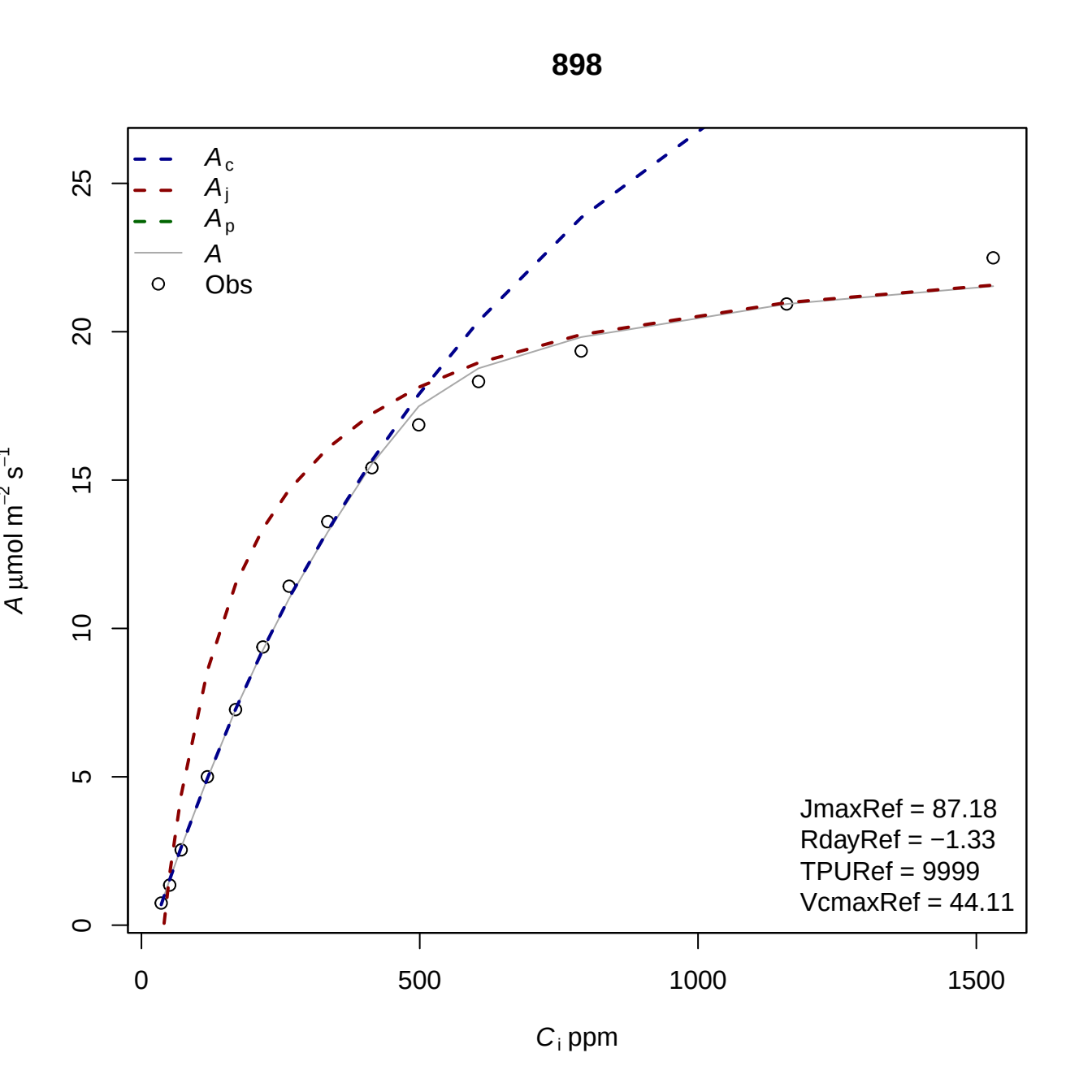

893
A_c
A_j
A_p
A
Obs
JmaxRef = 122.48
RdayRef = 0.88
TPURef = 8.53
VcmaxRef = 78.58
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

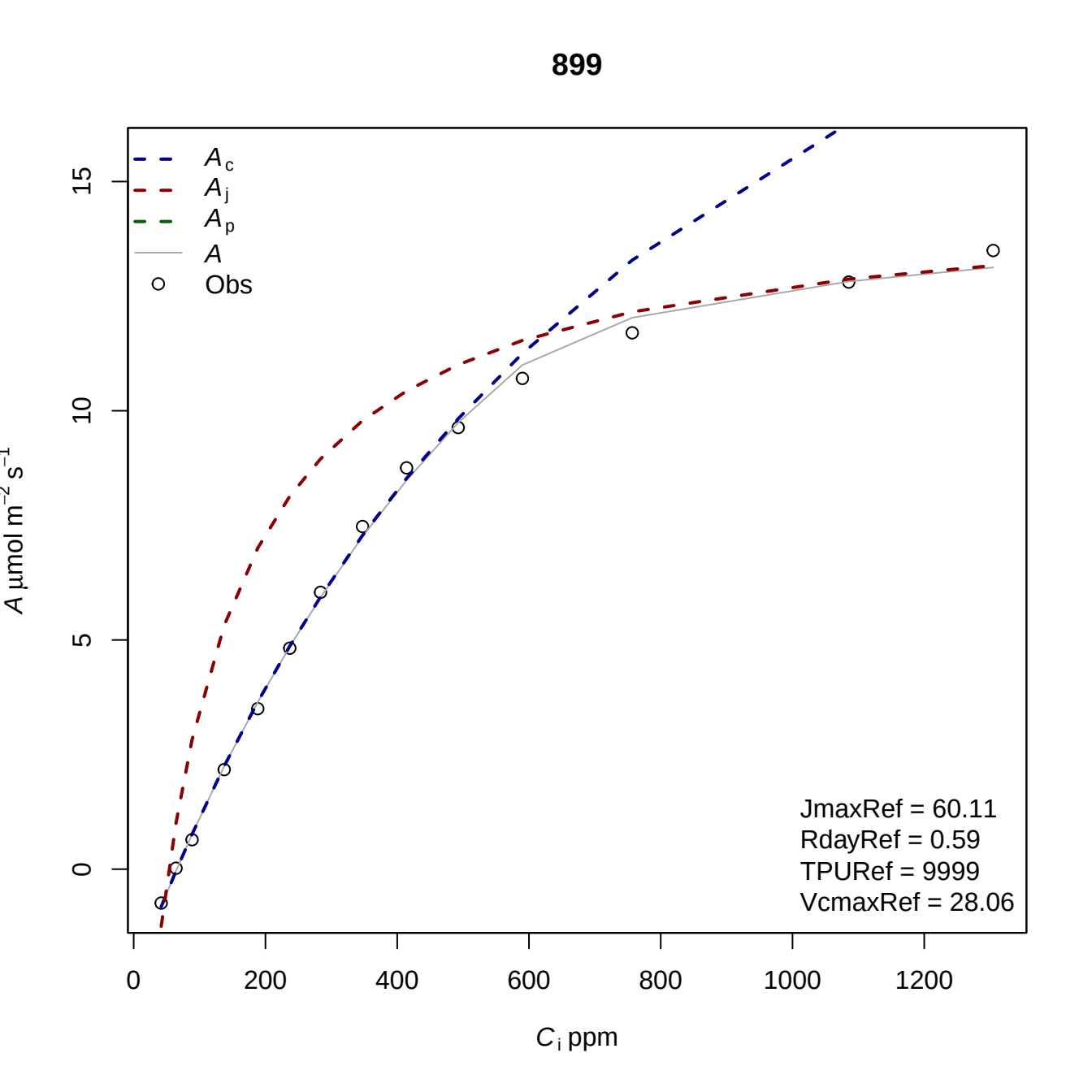

894
A_c
A_j
A_p
A
Obs
JmaxRef = 134.74
RdayRef = 0.64
TPURef = 9999
VcmaxRef = 71.25
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000

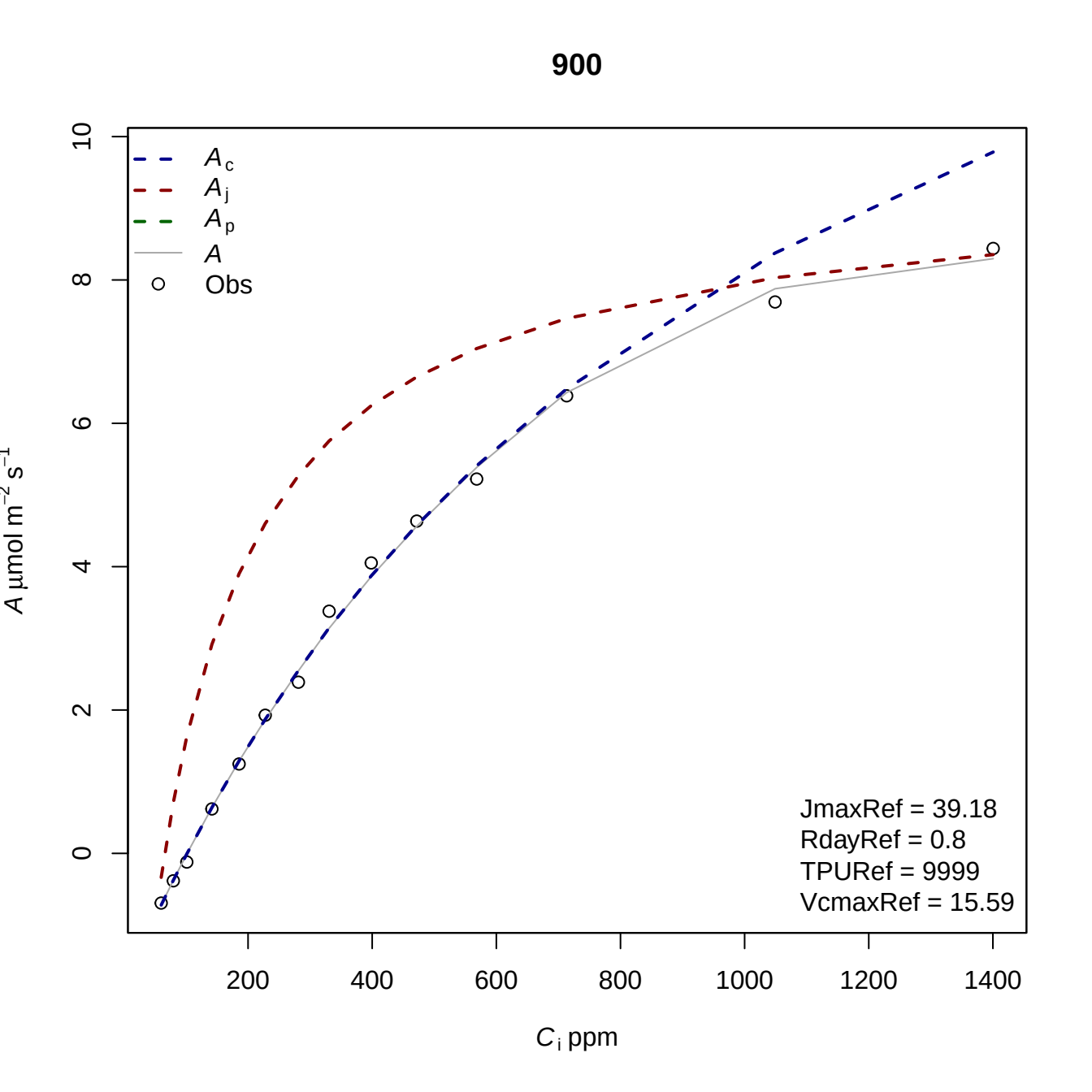

895
A_c
A_j
A_p
A
Obs
JmaxRef = 101.14
RdayRef = 3.47
TPURef = 9999
VcmaxRef = 37.34
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

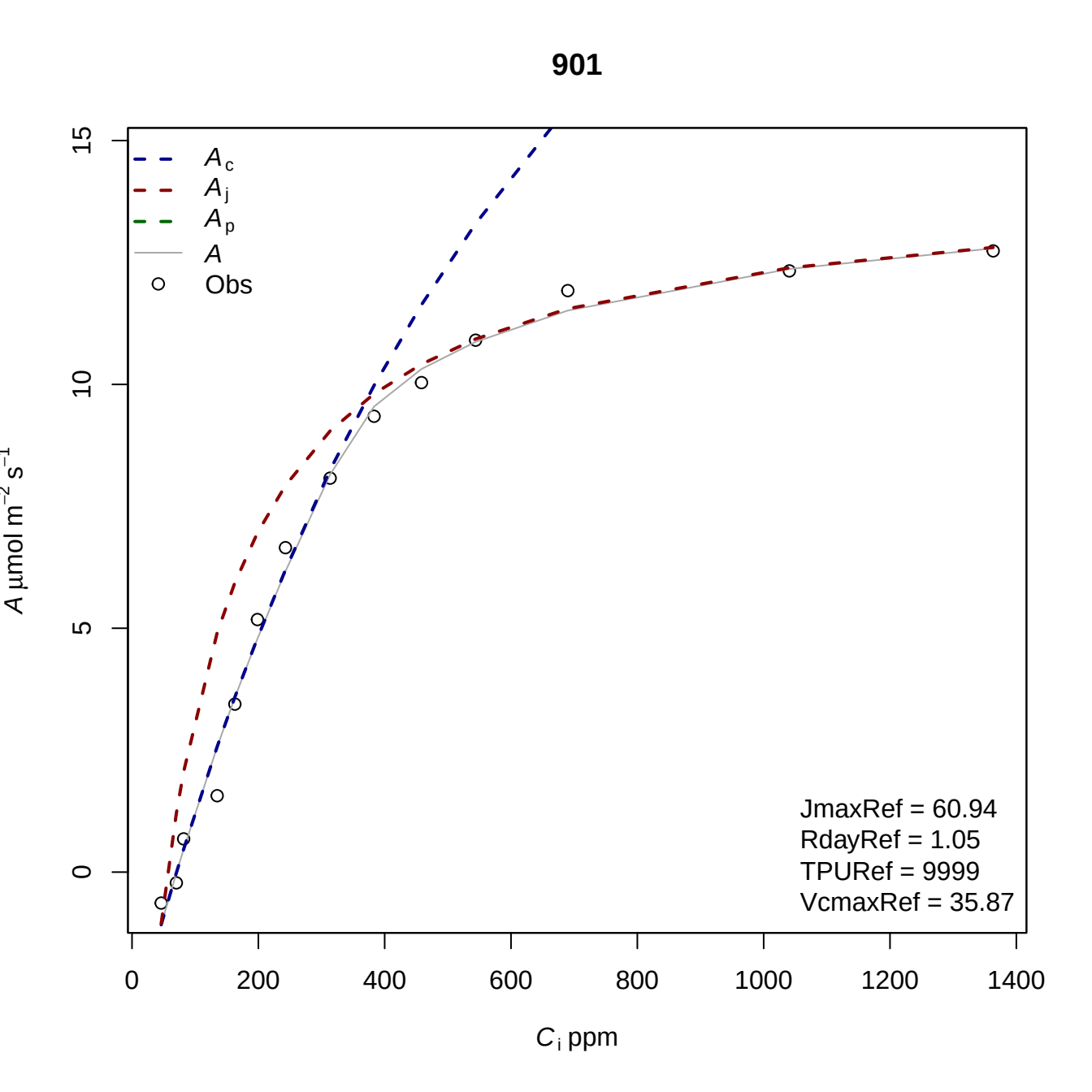

896
A_c
A_j
A_p
A
Obs
JmaxRef = 90.66
RdayRef = 0.08
TPURef = 9999
VcmaxRef = 48.85
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

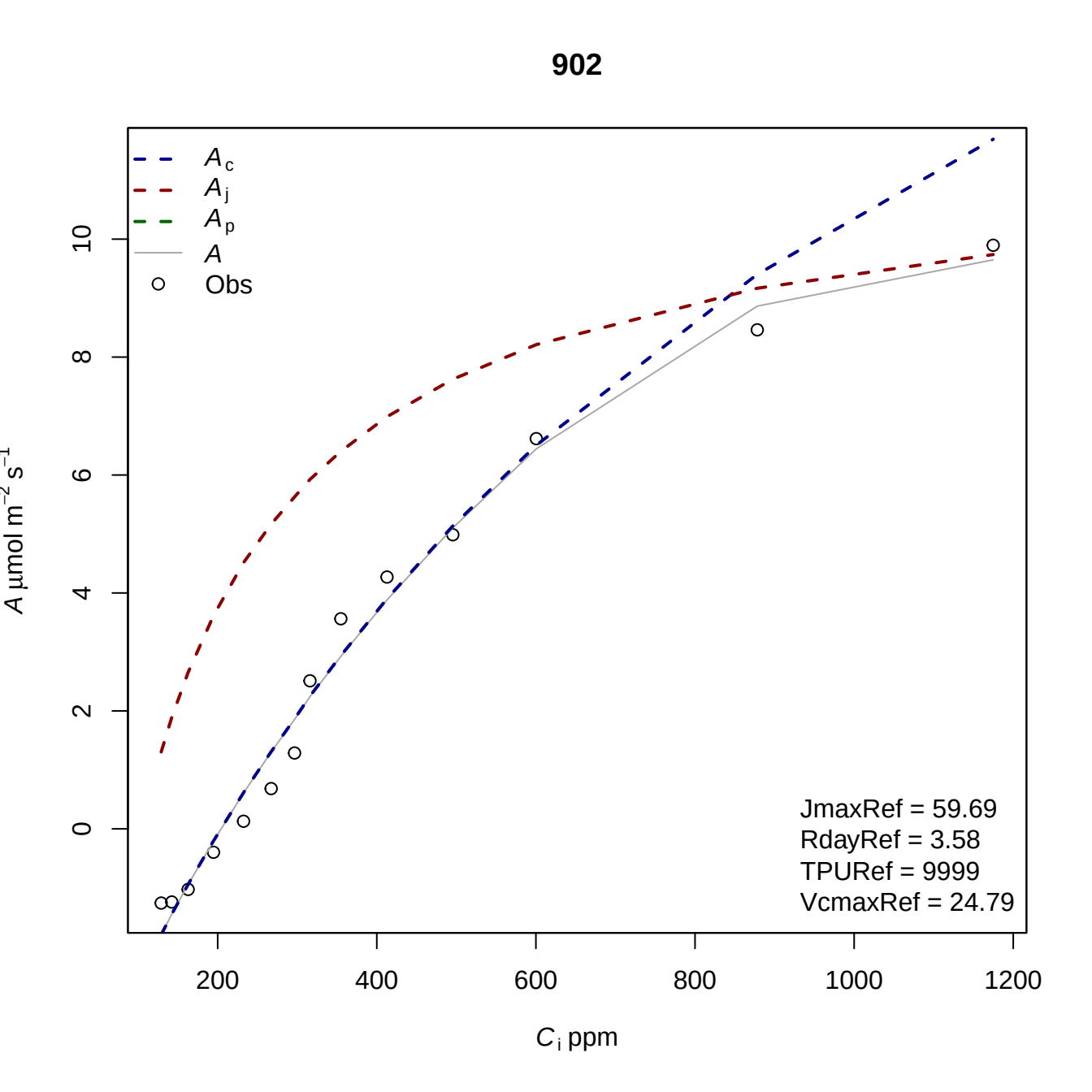

897
A_c
A_j
A_p
A
Obs
JmaxRef = 88.09
RdayRef = 0.15
TPURef = 9999
VcmaxRef = 56.18
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800

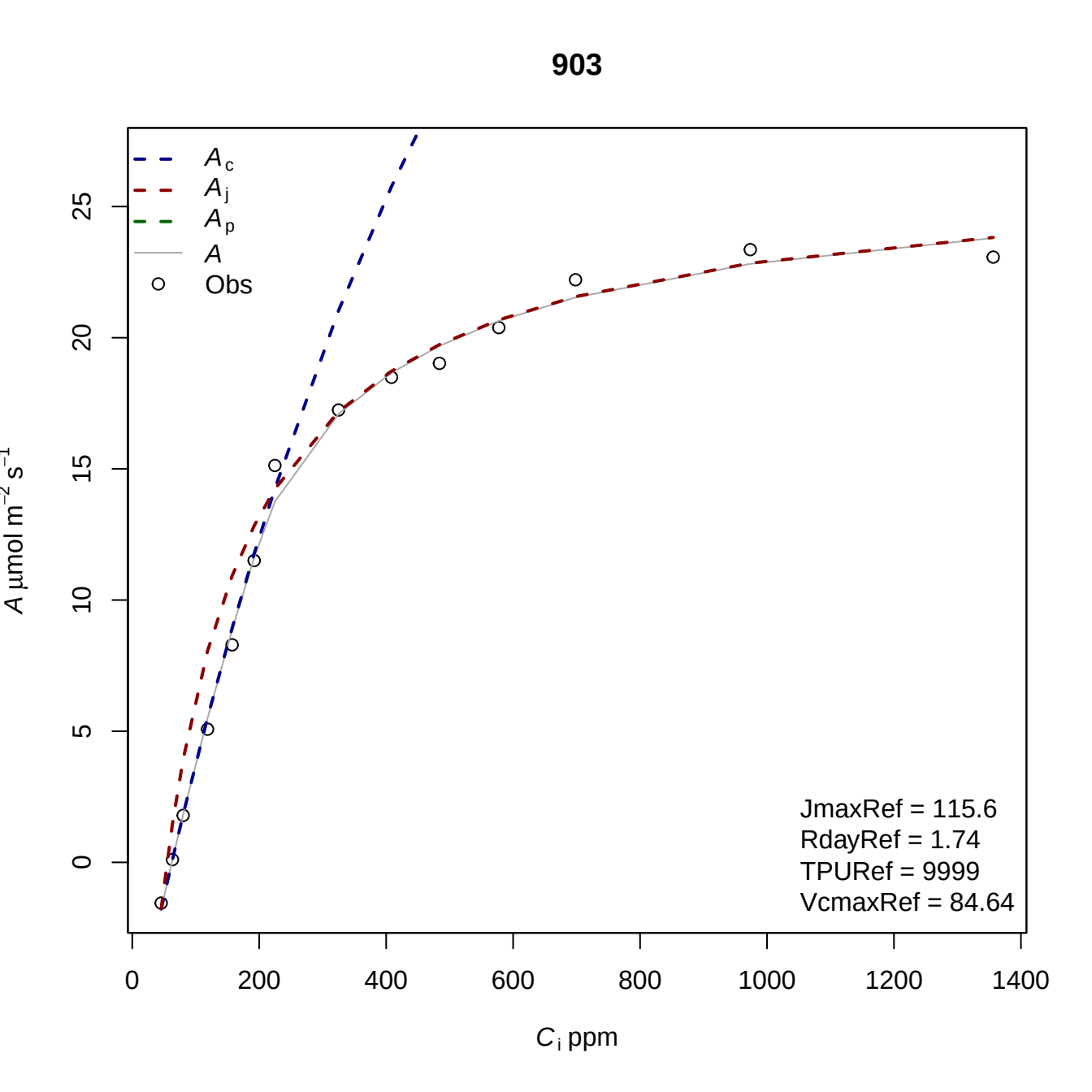

898
A_c
A_j
A_p
A
Obs
JmaxRef = 87.18
RdayRef = −1.33
TPURef = 9999
VcmaxRef = 44.11
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

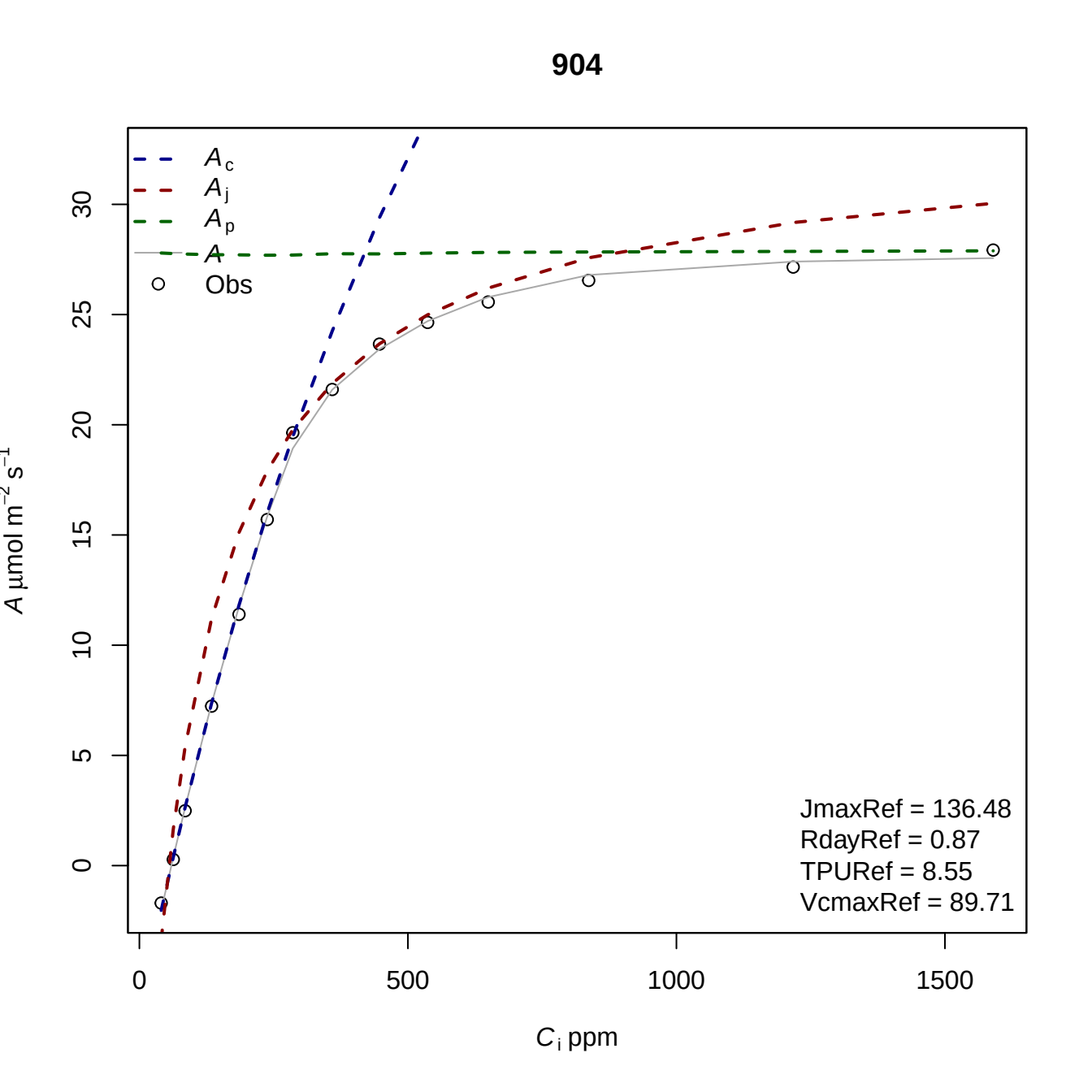

899
A_c
A_j
A_p
A
Obs
JmaxRef = 60.11
RdayRef = 0.59
TPURef = 9999
VcmaxRef = 28.06
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200

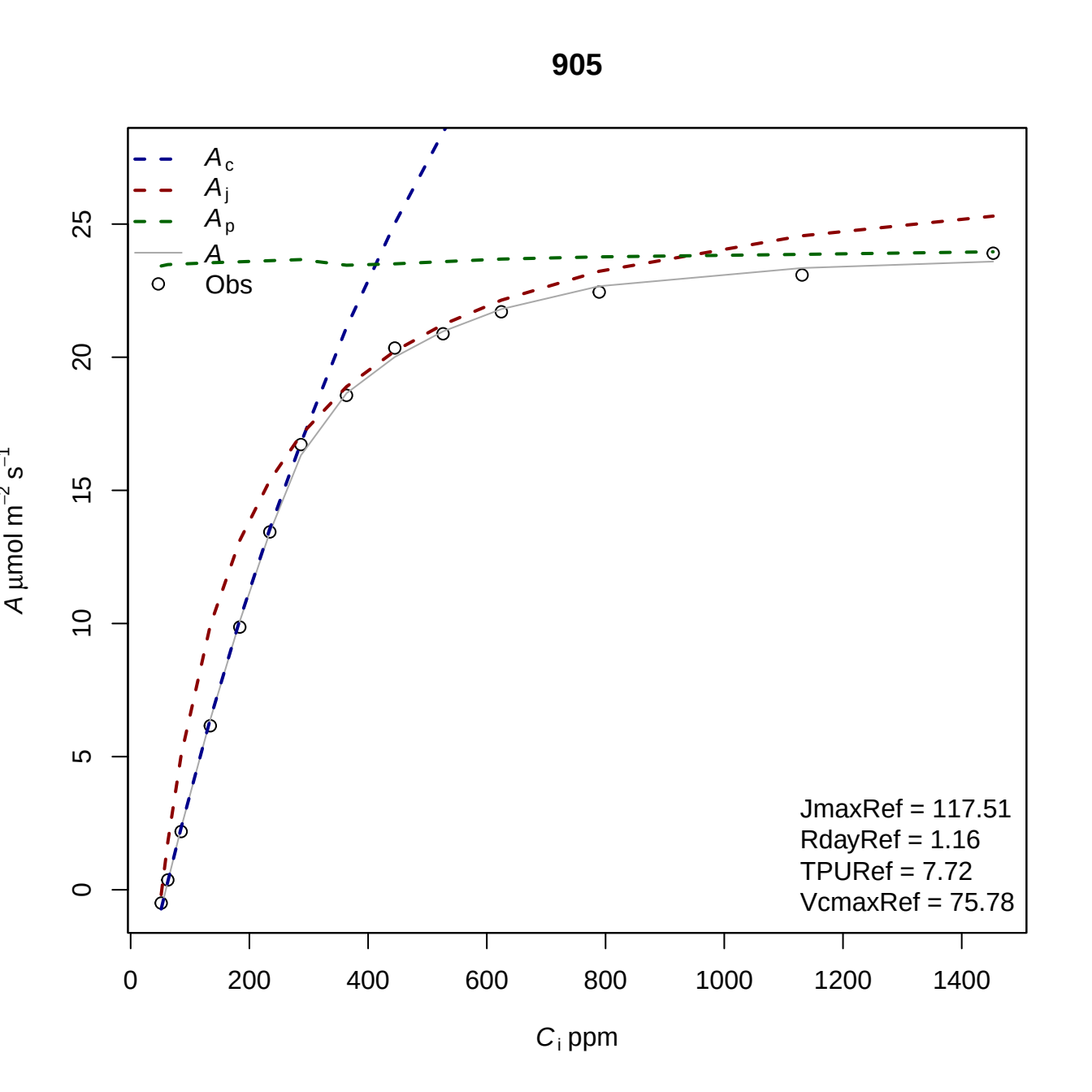

900
A_c
A_j
A_p
A
Obs
JmaxRef = 39.18
RdayRef = 0.8
TPURef = 9999
VcmaxRef = 15.59
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000
1200
1400

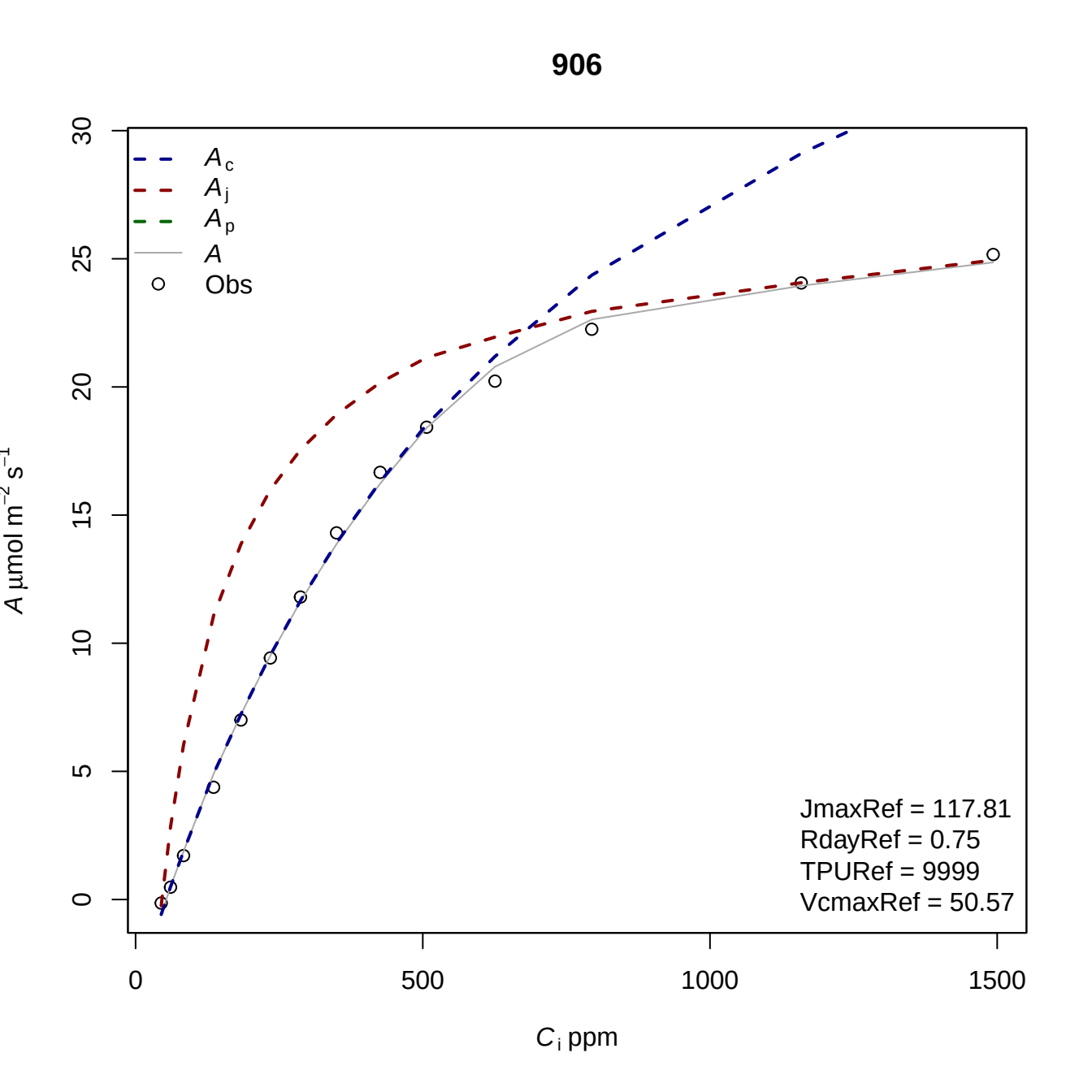

901
A_c
A_j
A_p
A
Obs
JmaxRef = 60.94
RdayRef = 1.05
TPURef = 9999
VcmaxRef = 35.87
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

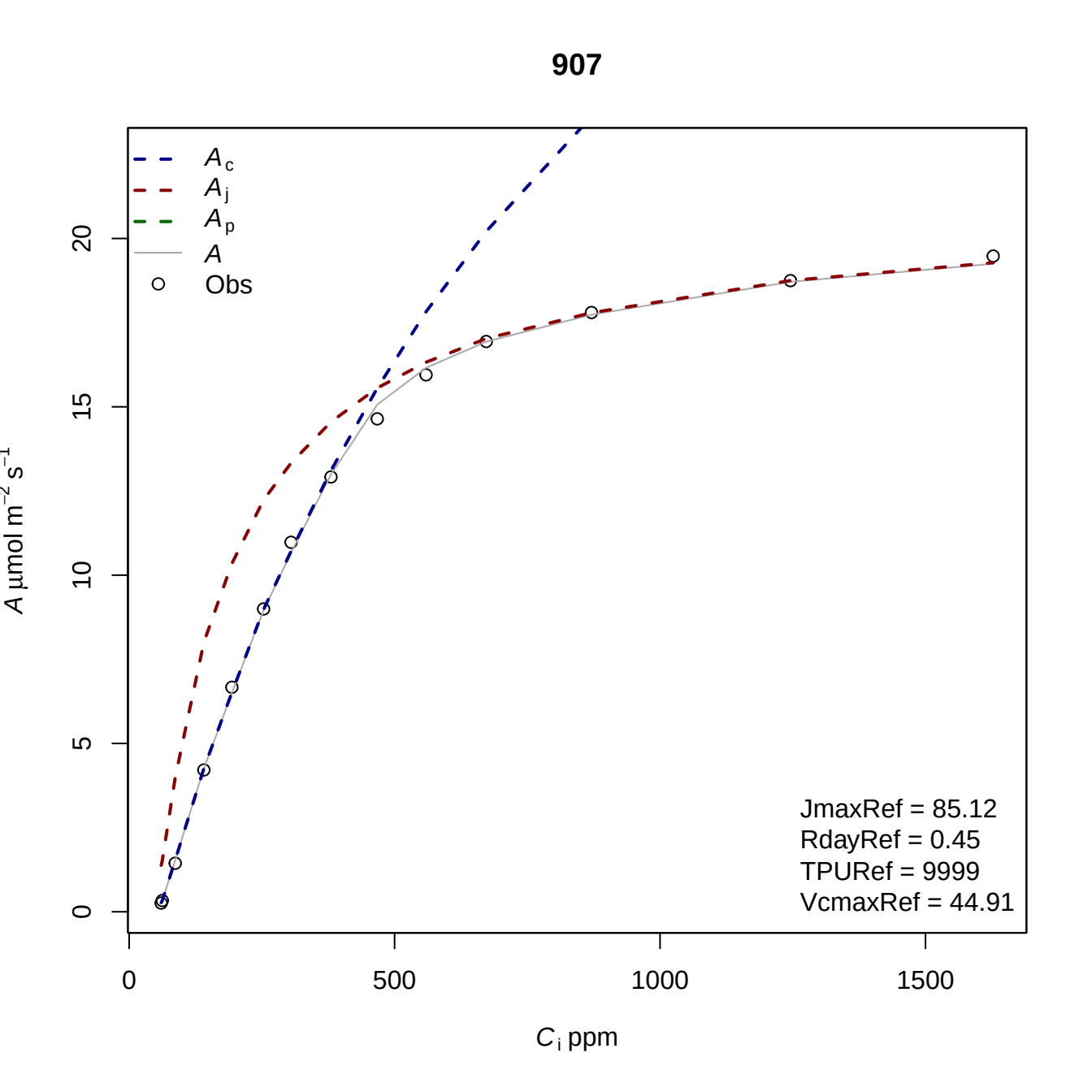

902
A_c
A_j
A_p
A
Obs
JmaxRef = 59.69
RdayRef = 3.58
TPURef = 9999
VcmaxRef = 24.79
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000
1200

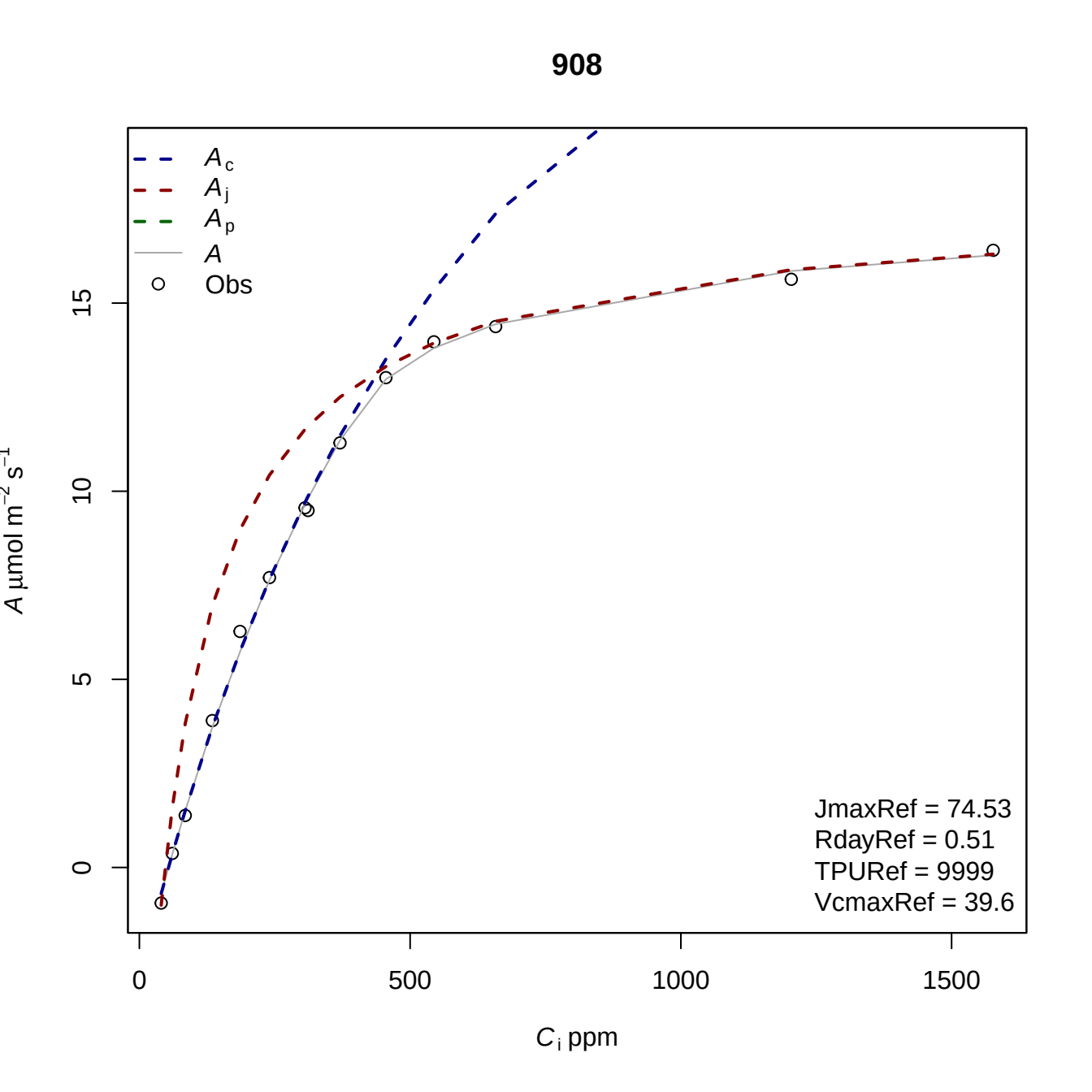

903
A_c
A_j
A_p
A
Obs
JmaxRef = 115.6
RdayRef = 1.74
TPURef = 9999
VcmaxRef = 84.64
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

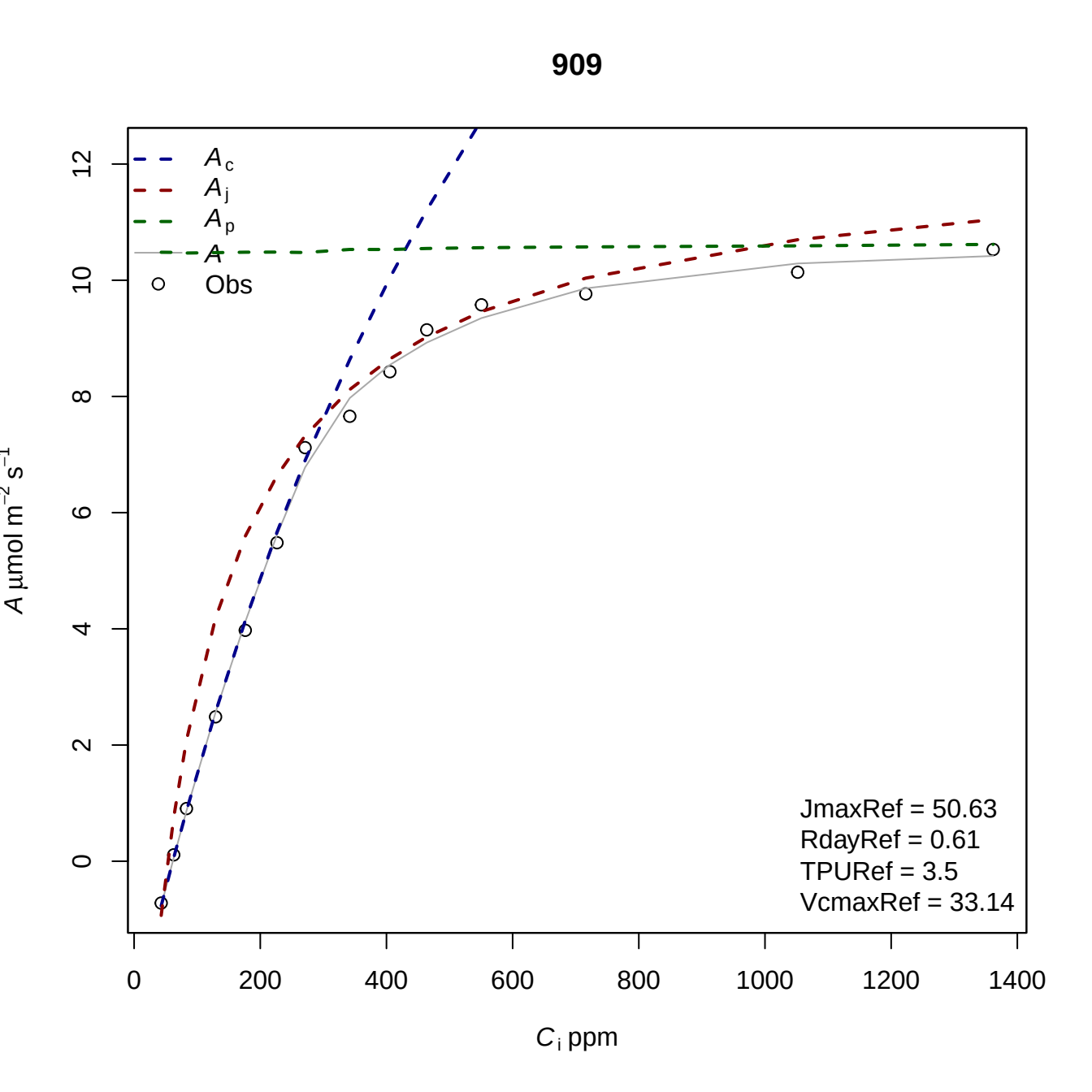

904
A_c
A_j
A_p
A
Obs
JmaxRef = 136.48
RdayRef = 0.87
TPURef = 8.55
VcmaxRef = 89.71
A µmol m^{-2} s^{-1}
0
5
10
15
20
25
30
0
500
1000
1500
C_i ppm

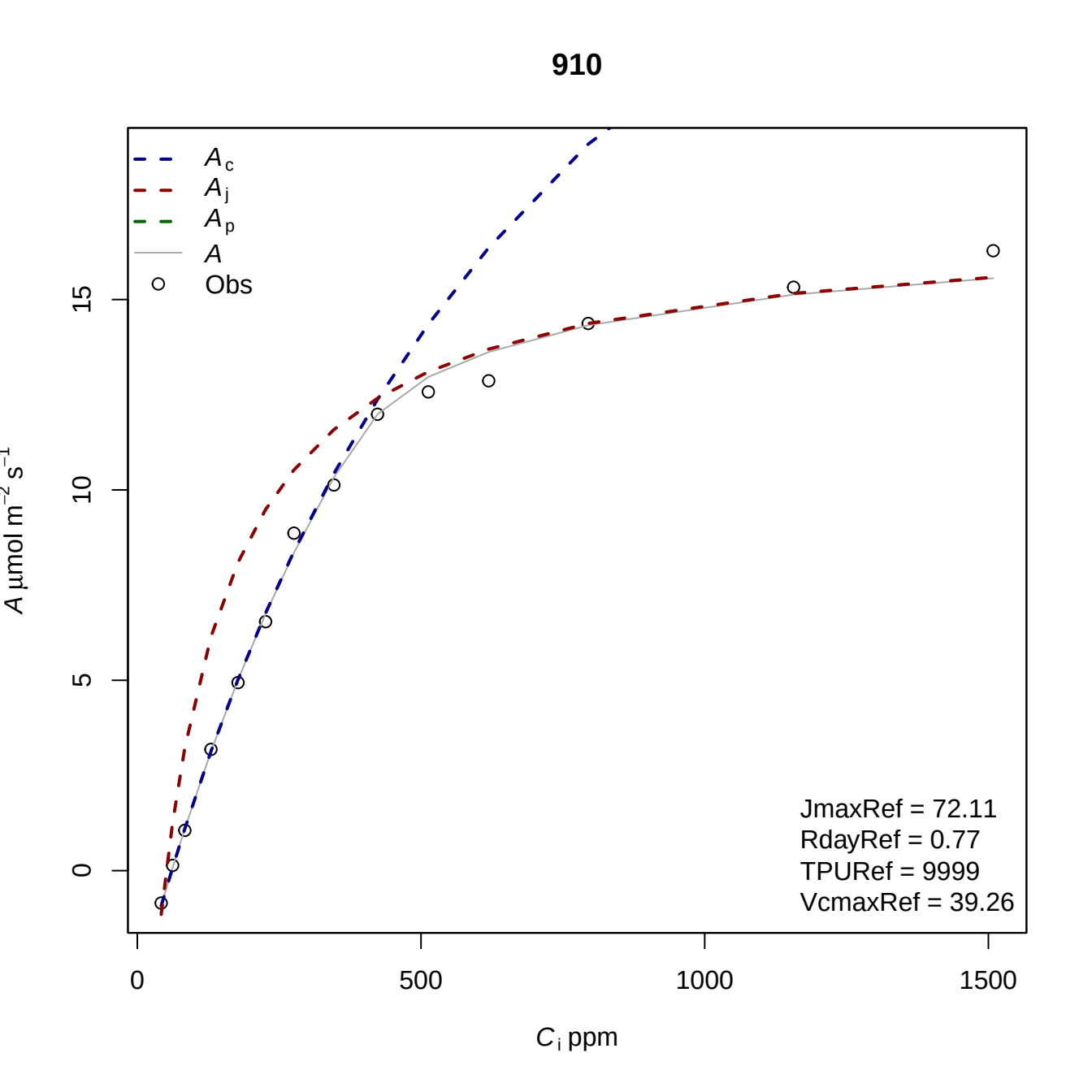

905
A_c
A_j
A_p
A
Obs
JmaxRef = 117.51
RdayRef = 1.16
TPURef = 7.72
VcmaxRef = 75.78
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

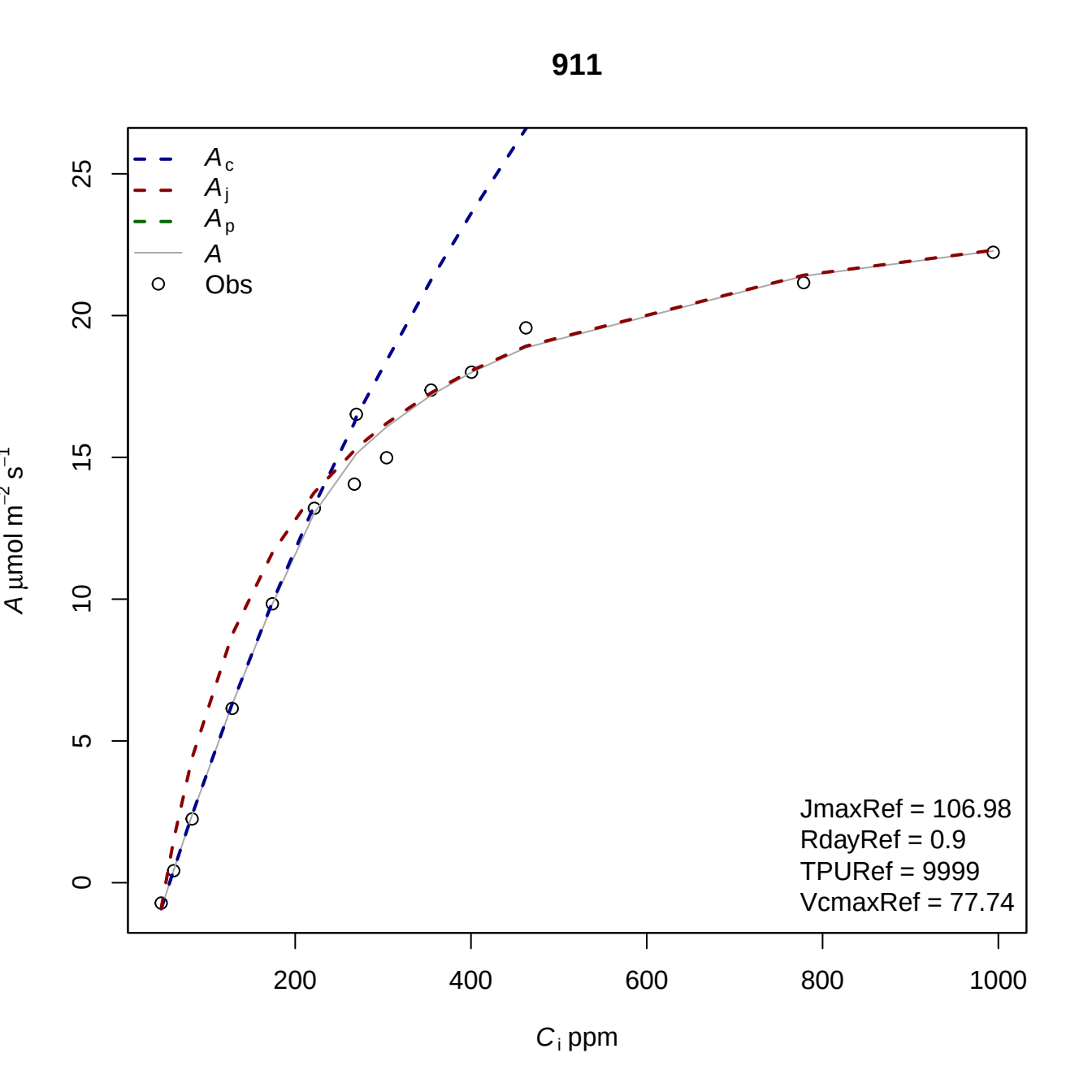

906
A_c
A_j
A_p
A
Obs
JmaxRef = 117.81
RdayRef = 0.75
TPURef = 9999
VcmaxRef = 50.57
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

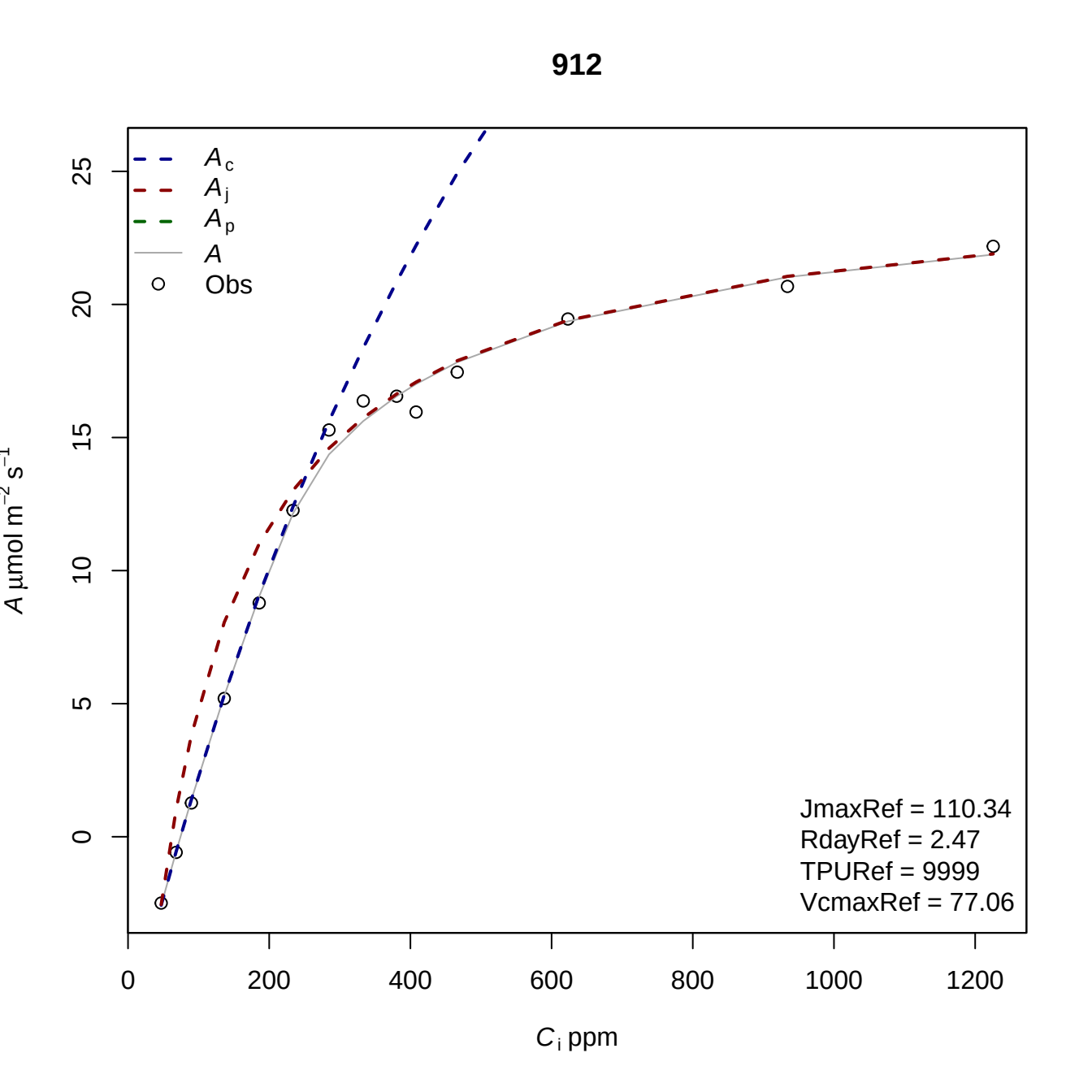

907
A_c
A_j
A_p
A
Obs
JmaxRef = 85.12
RdayRef = 0.45
TPURef = 9999
VcmaxRef = 44.91
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

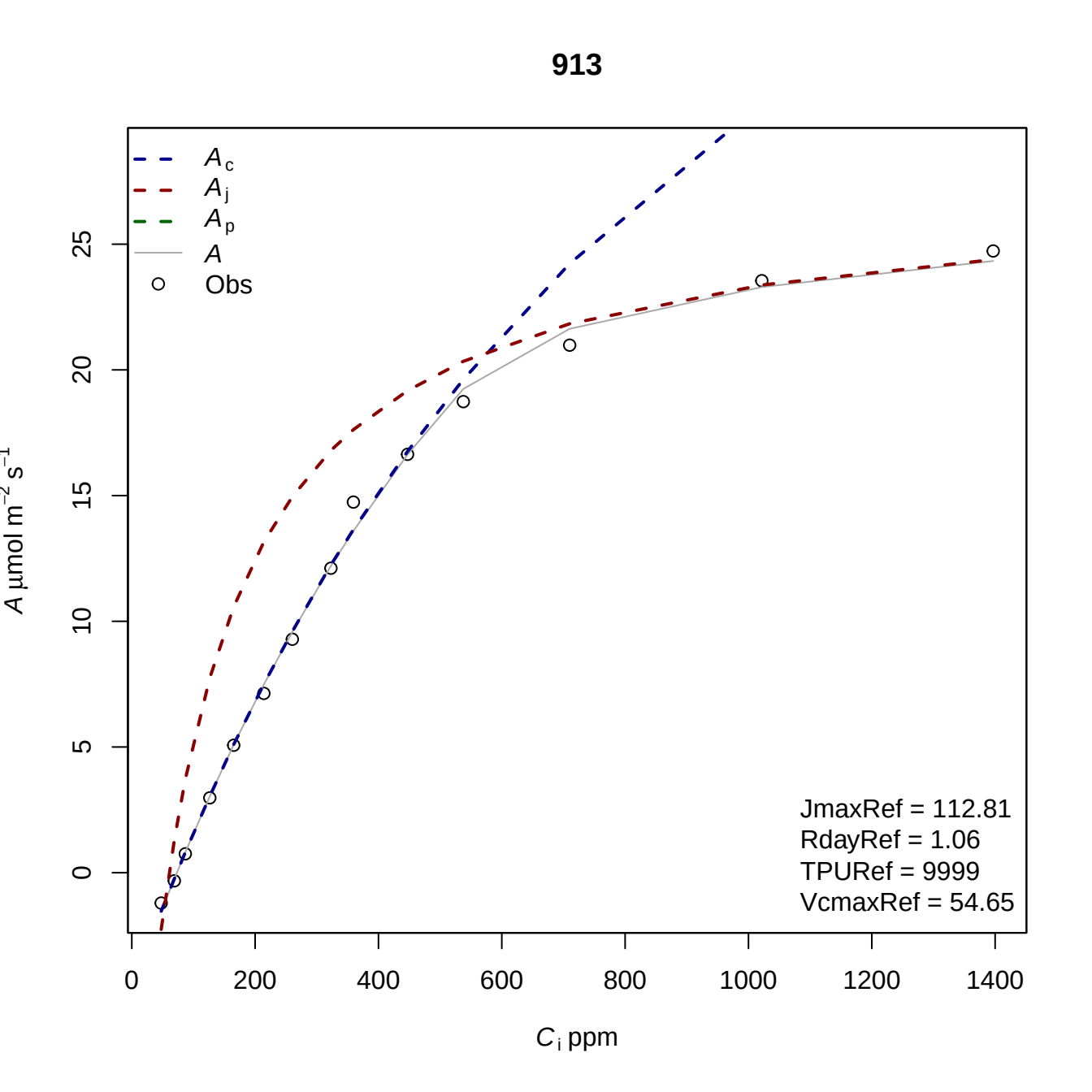

908
A_c
A_j
A_p
A
Obs
JmaxRef = 74.53
RdayRef = 0.51
TPURef = 9999
VcmaxRef = 39.6
A µmol m^{-2} s^{-1}
0
5
10
15
0
500
1000
1500
C_i ppm

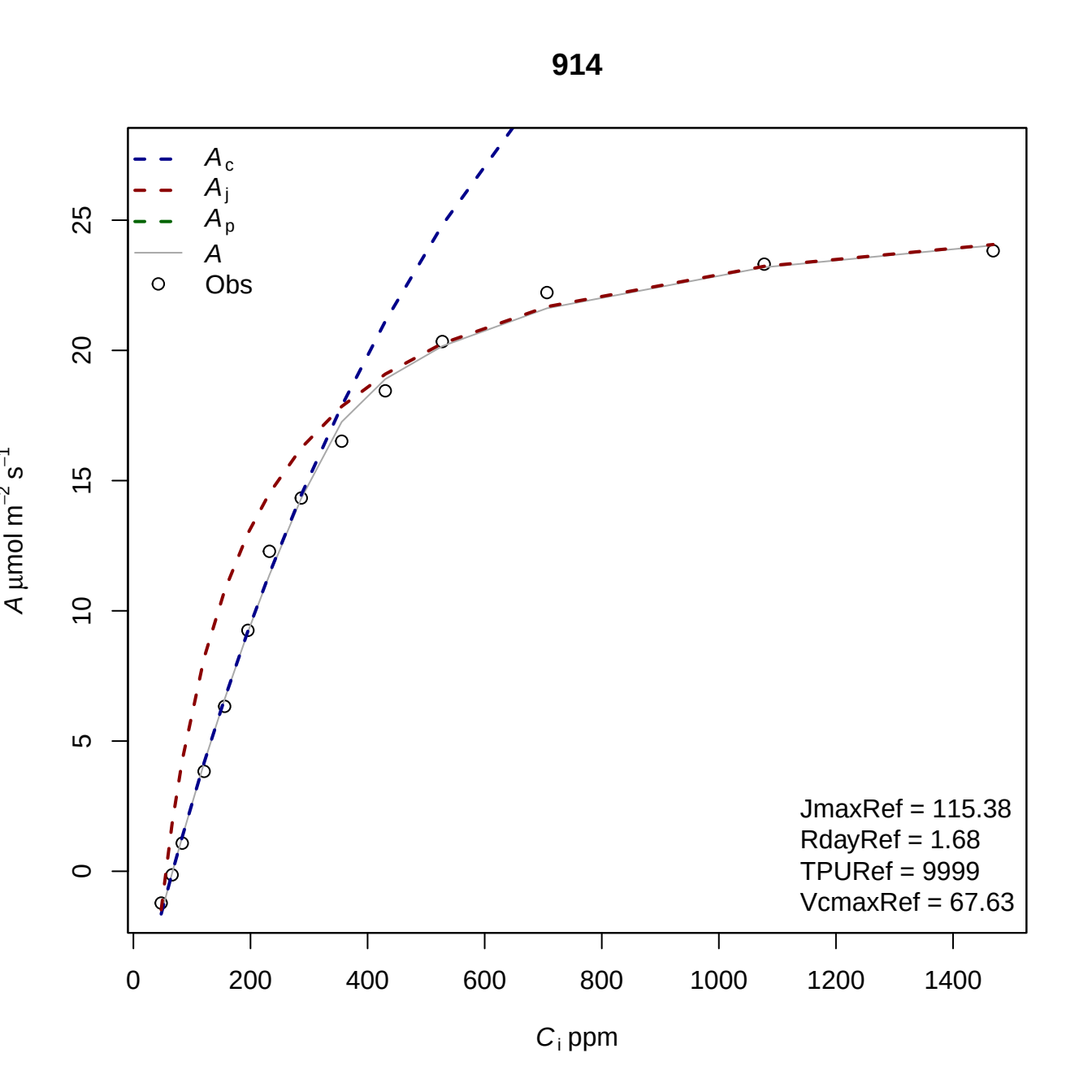

909
A_c
A_j
A_p
A
Obs
JmaxRef = 50.63
RdayRef = 0.61
TPURef = 3.5
VcmaxRef = 33.14
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
0
200
400
600
800
1000
1200
1400

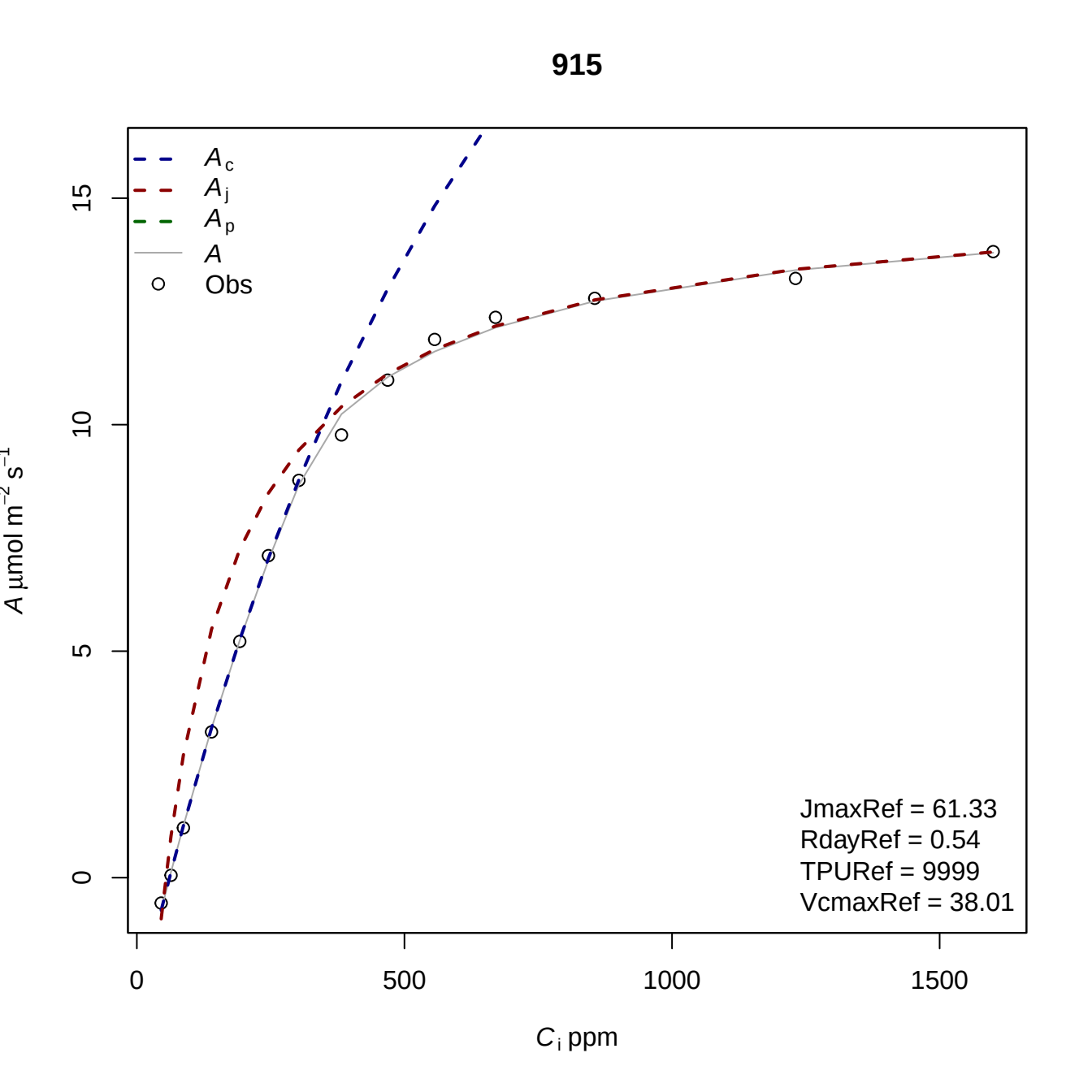

910
A_c
A_j
A_p
A
Obs
JmaxRef = 72.11
RdayRef = 0.77
TPURef = 9999
VcmaxRef = 39.26
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

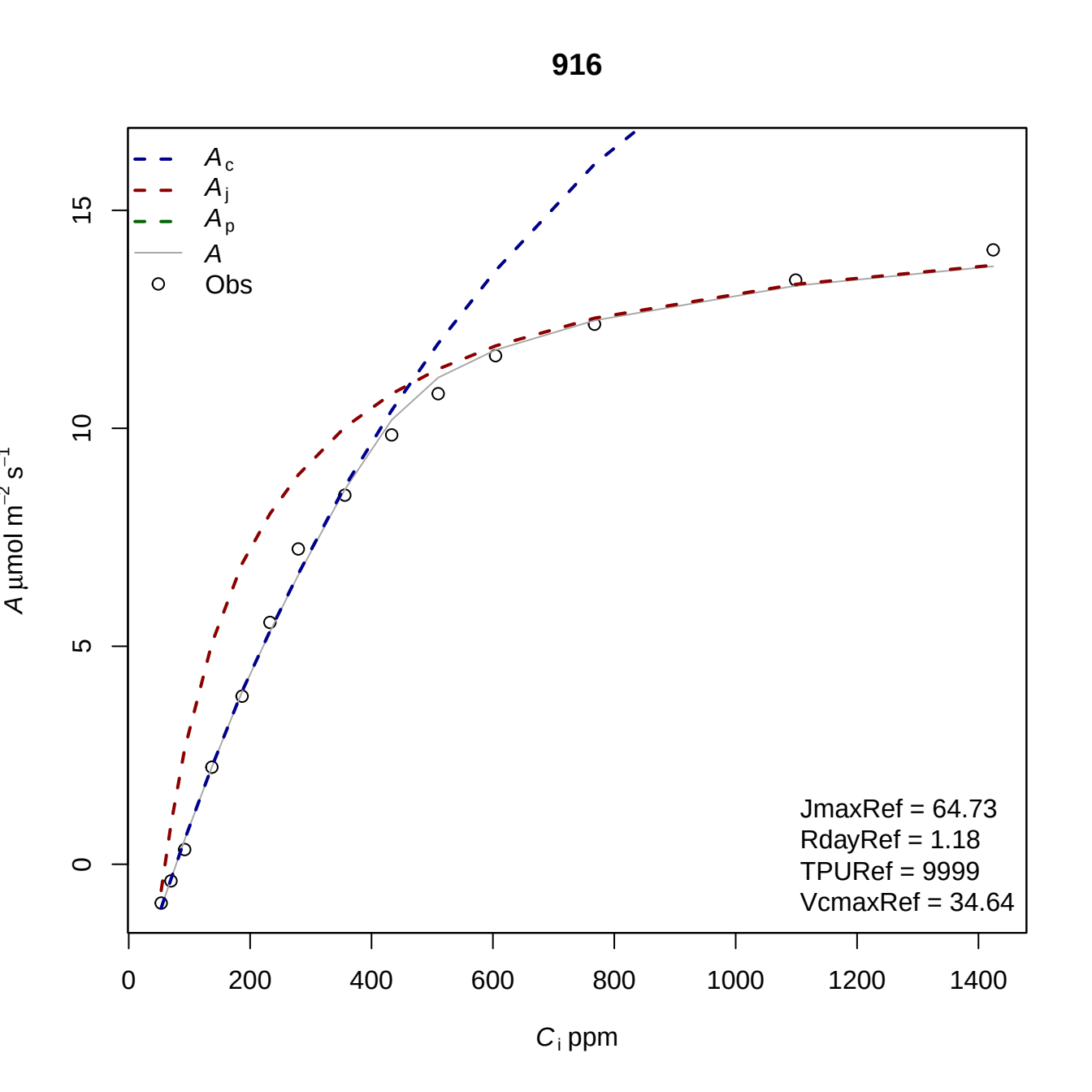

911
A_c
A_j
A_p
A
Obs
JmaxRef = 106.98
RdayRef = 0.9
TPURef = 9999
VcmaxRef = 77.74
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000

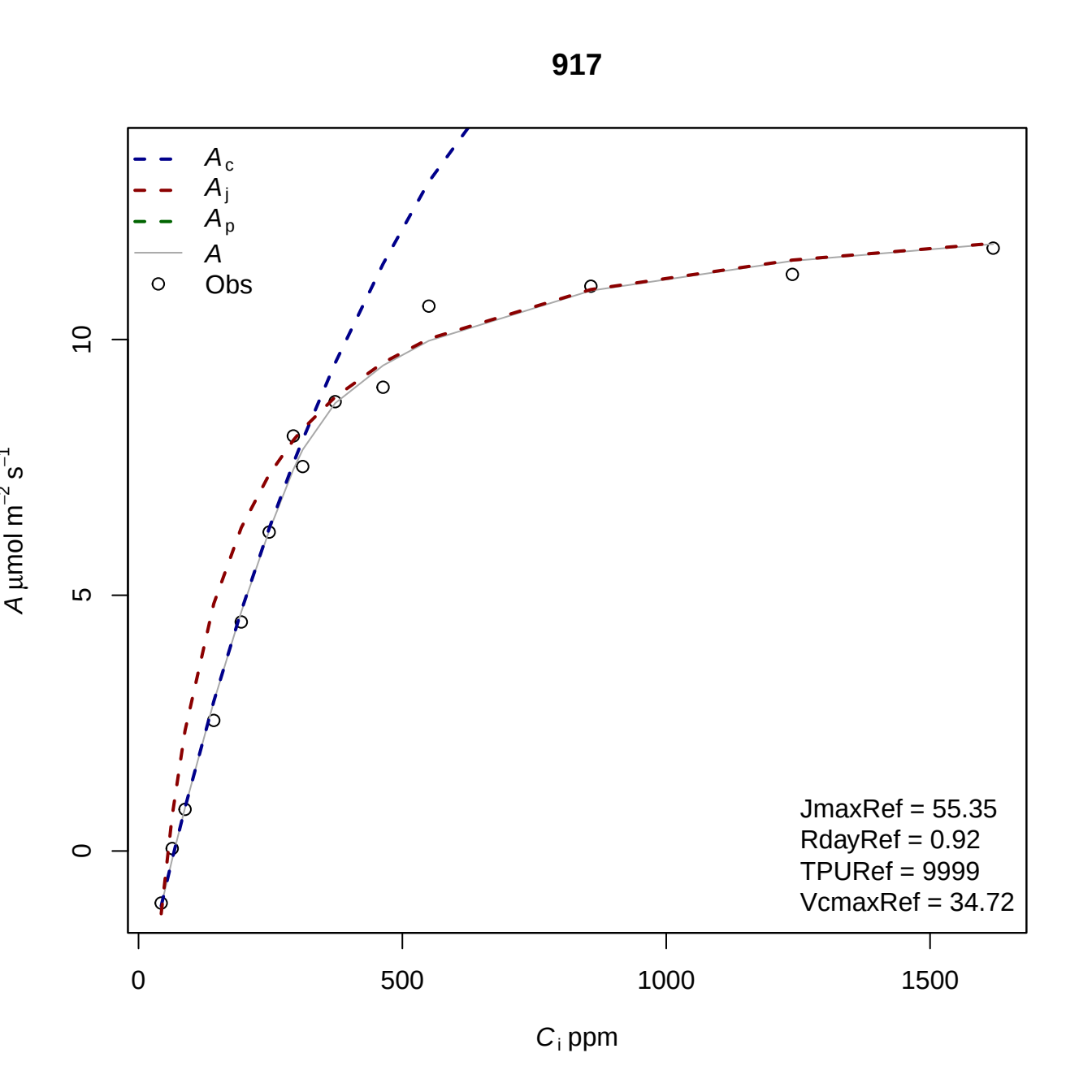

912
A_c
A_j
A_p
A
Obs
JmaxRef = 110.34
RdayRef = 2.47
TPURef = 9999
VcmaxRef = 77.06
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200

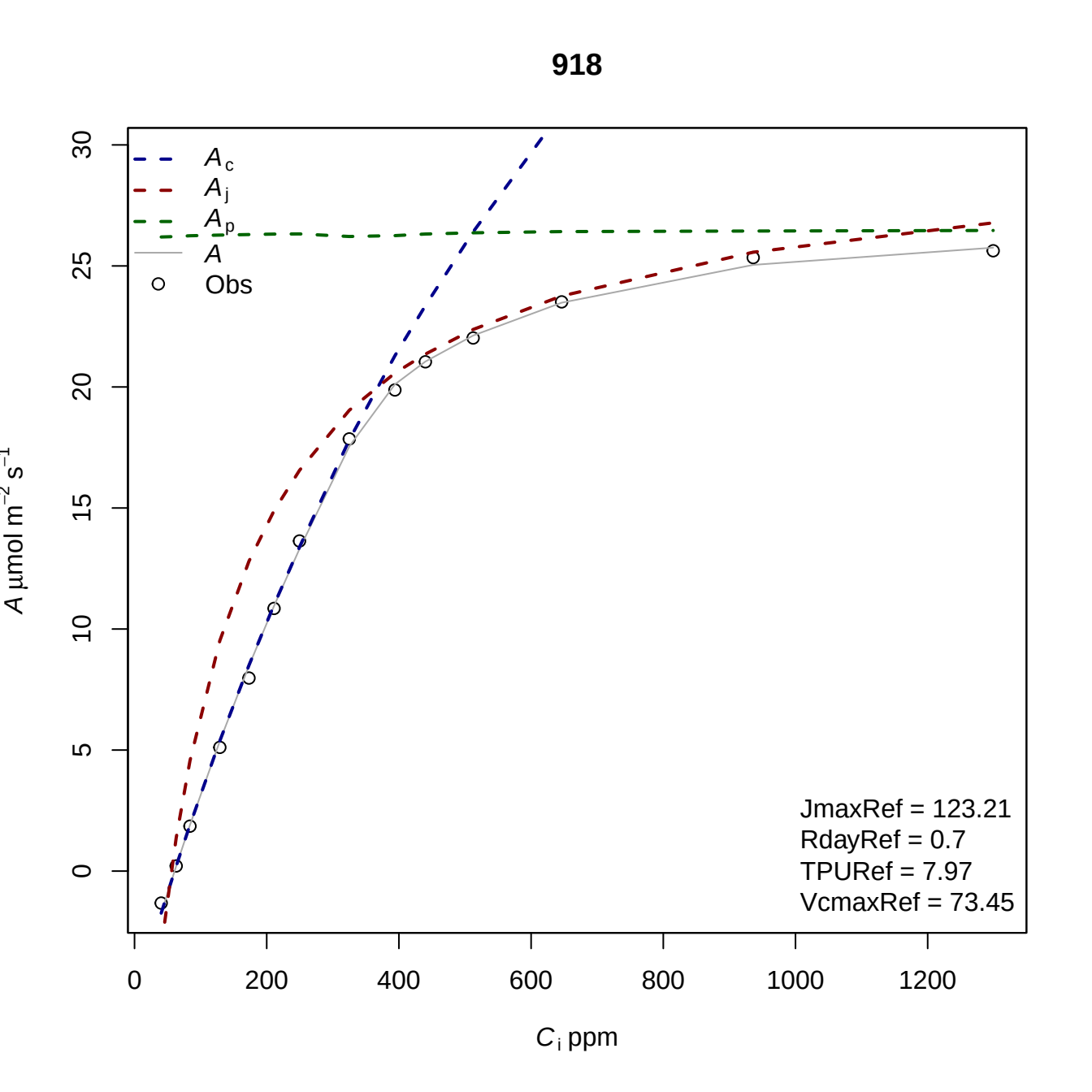

913
A_c
A_j
A_p
A
Obs
JmaxRef = 112.81
RdayRef = 1.06
TPURef = 9999
VcmaxRef = 54.65
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

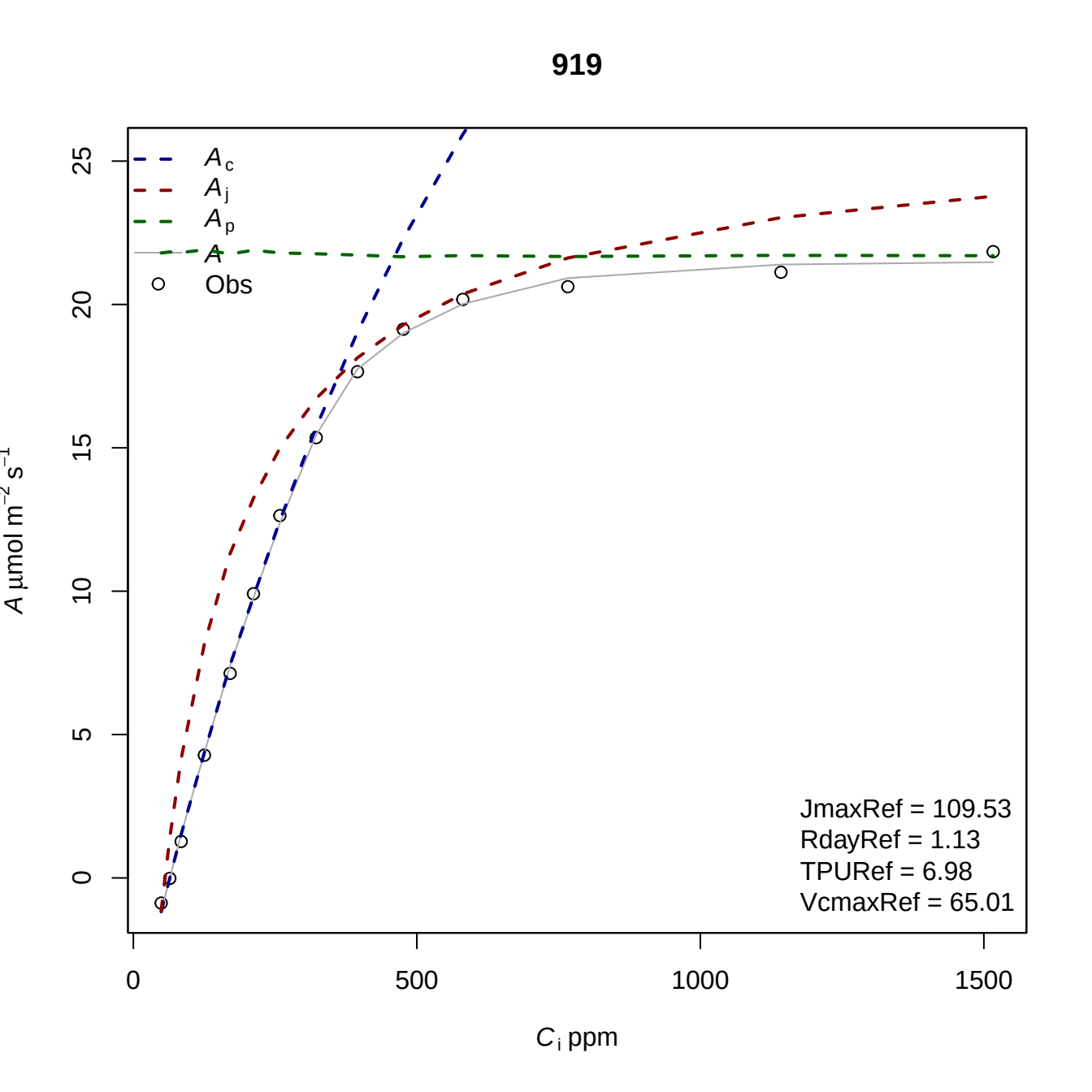

914
A_c
A_j
A_p
A
Obs
JmaxRef = 115.38
RdayRef = 1.68
TPURef = 9999
VcmaxRef = 67.63
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
200
400
600
800
1000
1200
1400

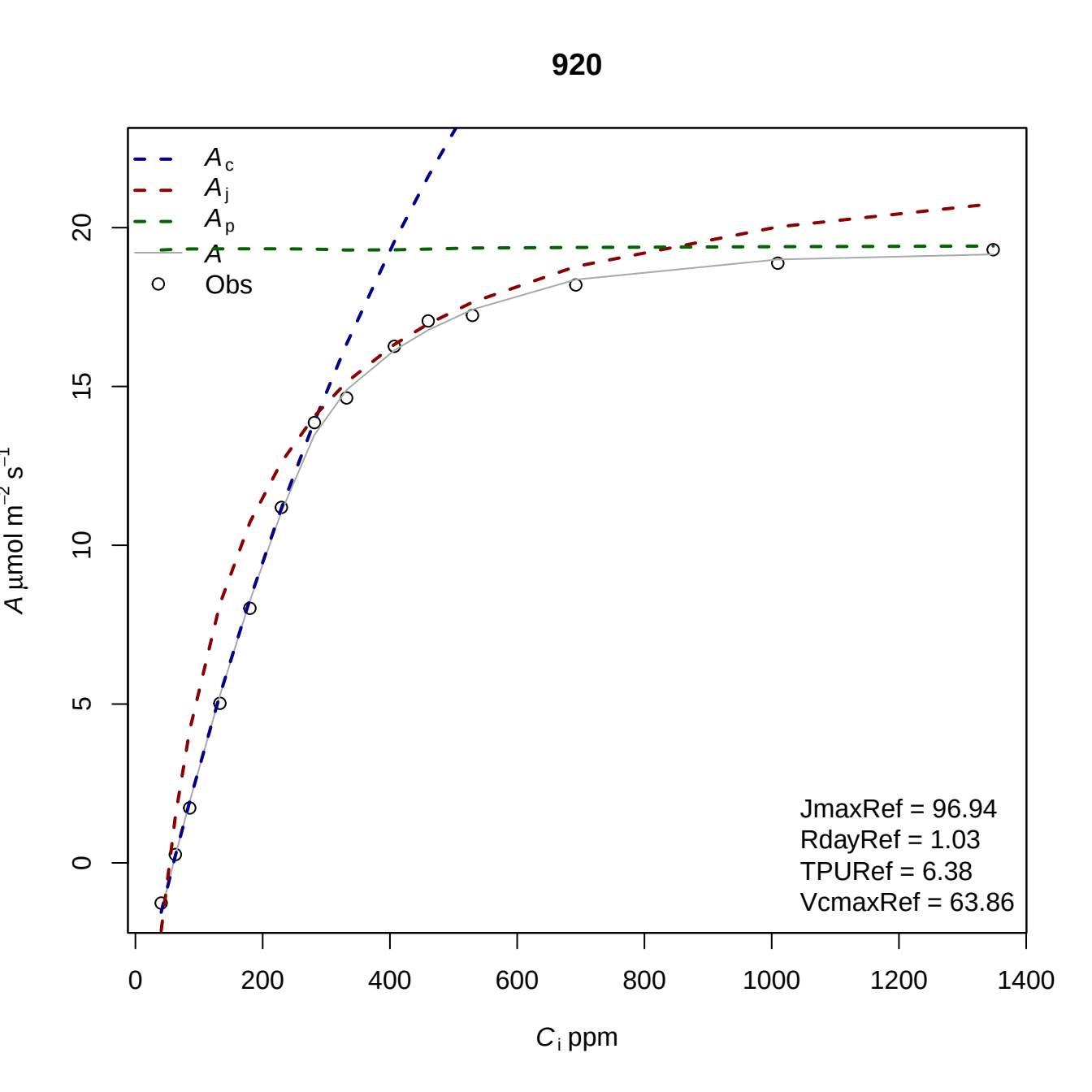

915
A_c
A_j
A_p
A
Obs
JmaxRef = 61.33
RdayRef = 0.54
TPURef = 9999
VcmaxRef = 38.01
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

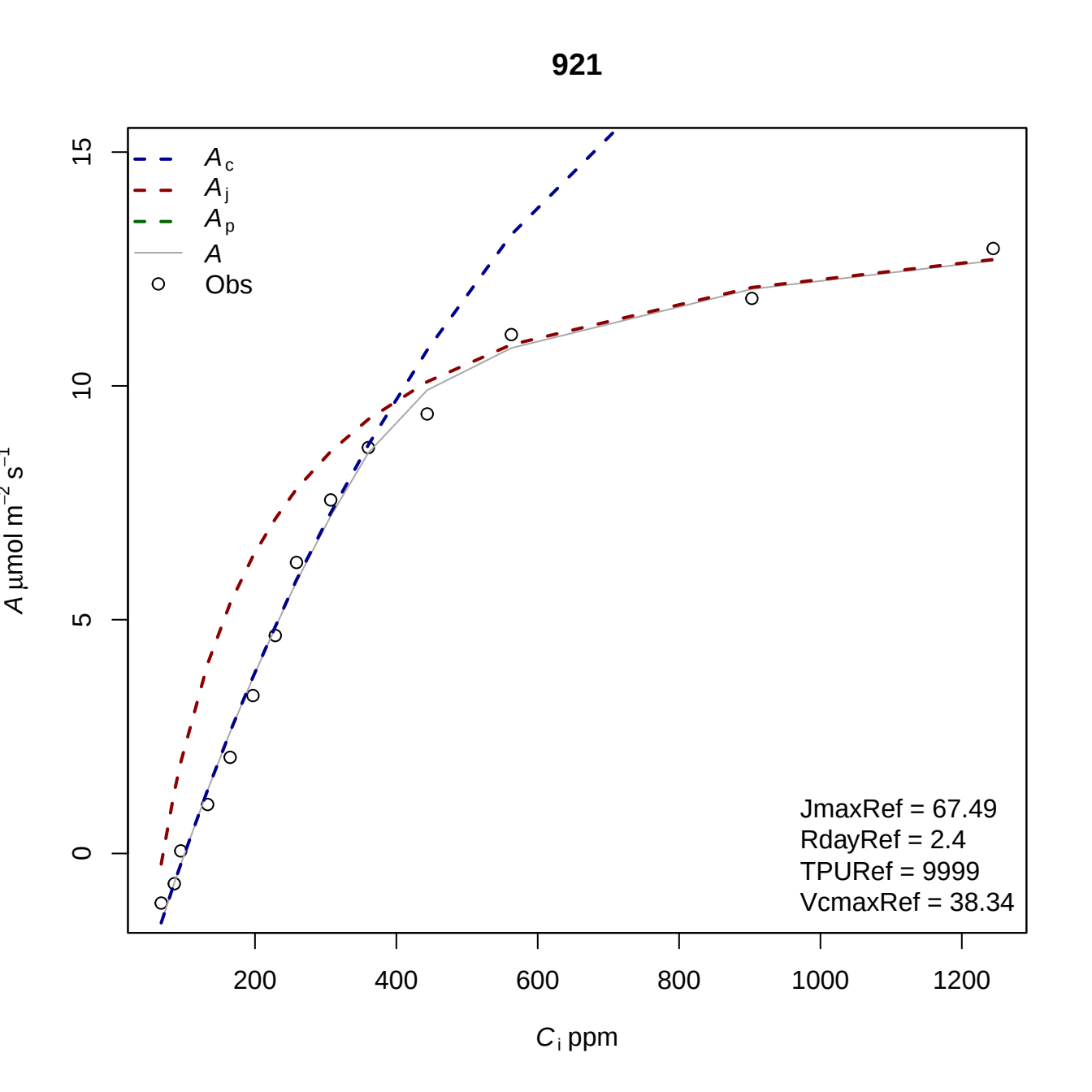

916
A_c
A_j
A_p
A
Obs
JmaxRef = 64.73
RdayRef = 1.18
TPURef = 9999
VcmaxRef = 34.64
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

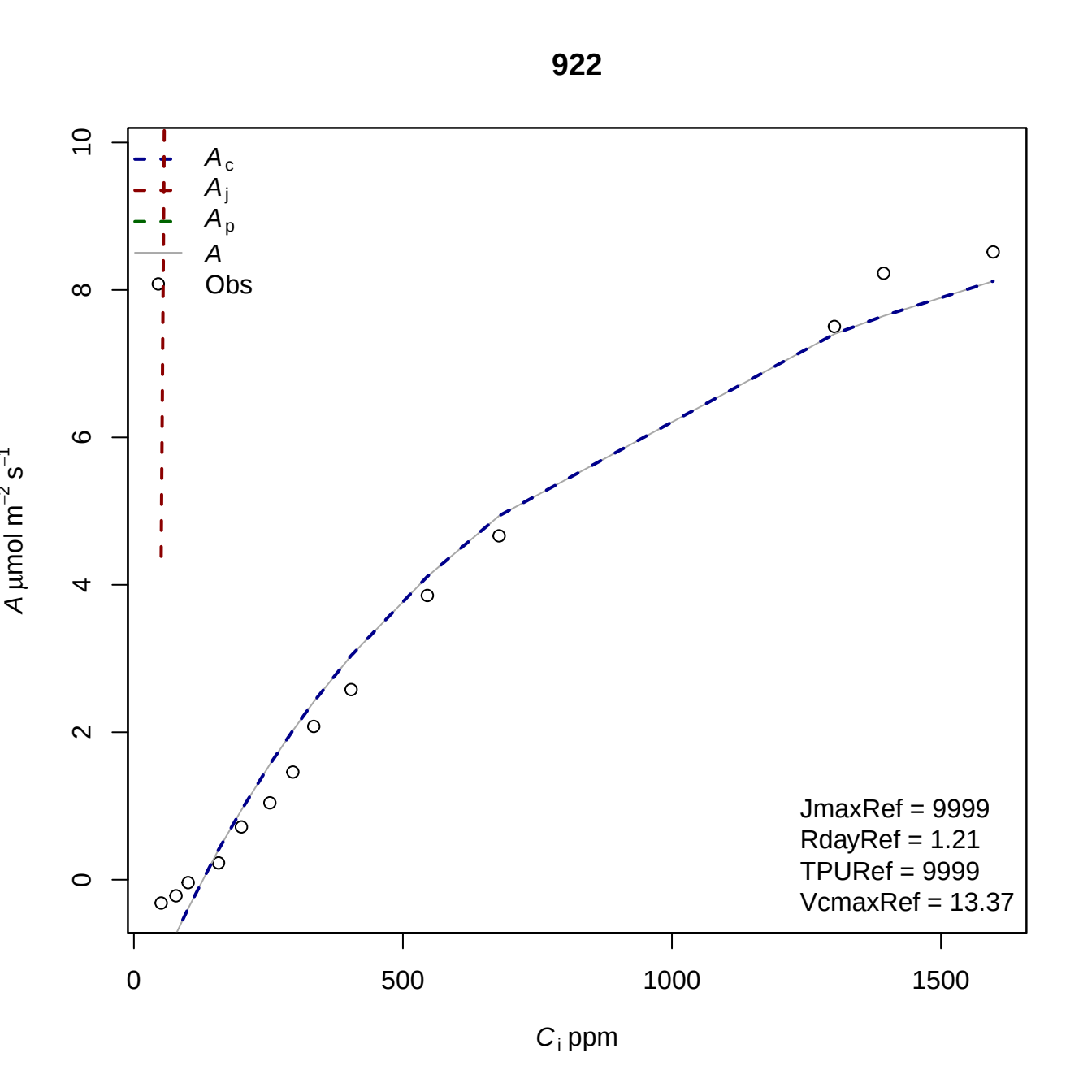

917
A_c
A_j
A_p
A
Obs
JmaxRef = 55.35
RdayRef = 0.92
TPURef = 9999
VcmaxRef = 34.72
A µmol m^{-2} s^{-1}
0
5
10
0
500
1000
1500
C_i ppm

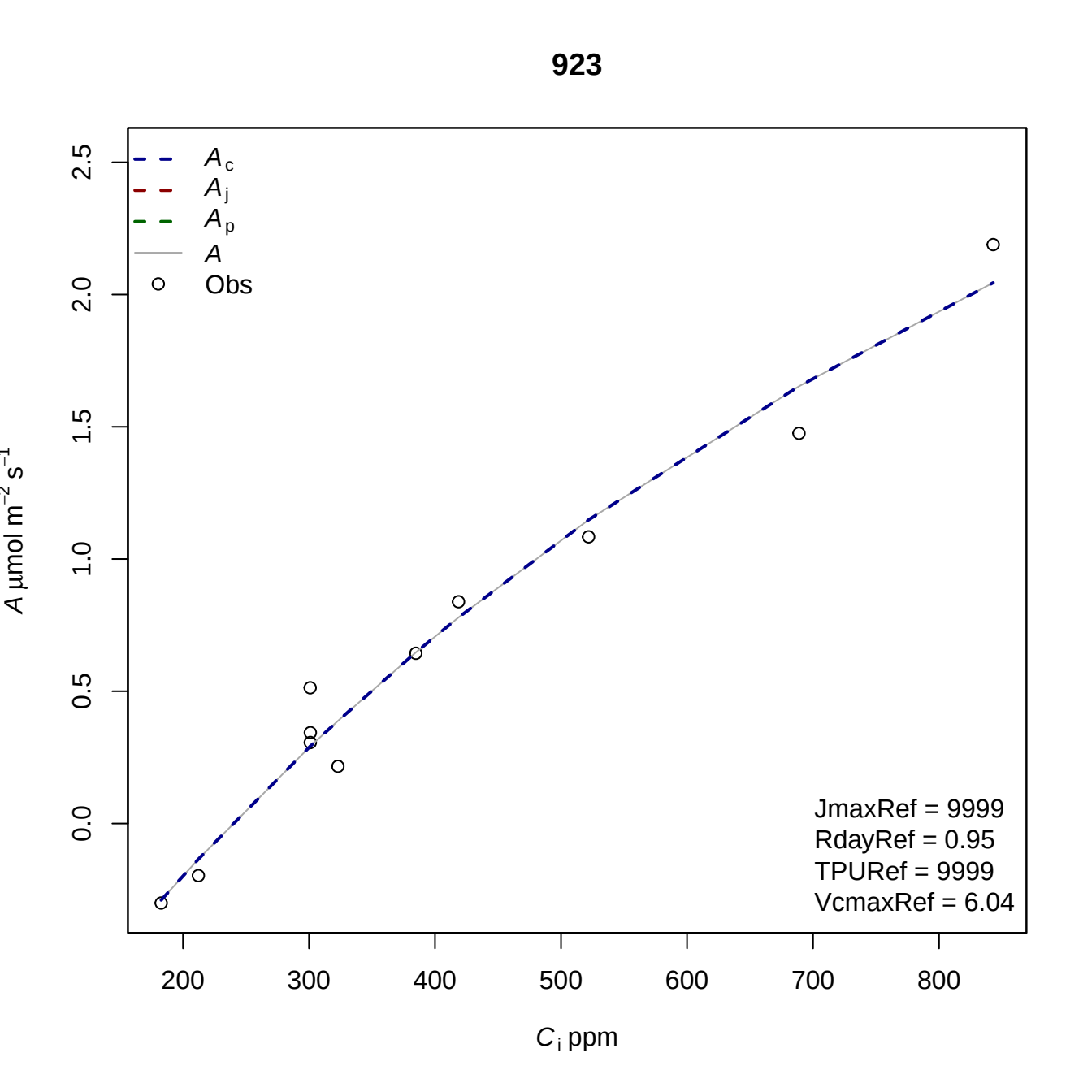

918
A_c
A_j
A_p
A
Obs
JmaxRef = 123.21
RdayRef = 0.7
TPURef = 7.97
VcmaxRef = 73.45
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200

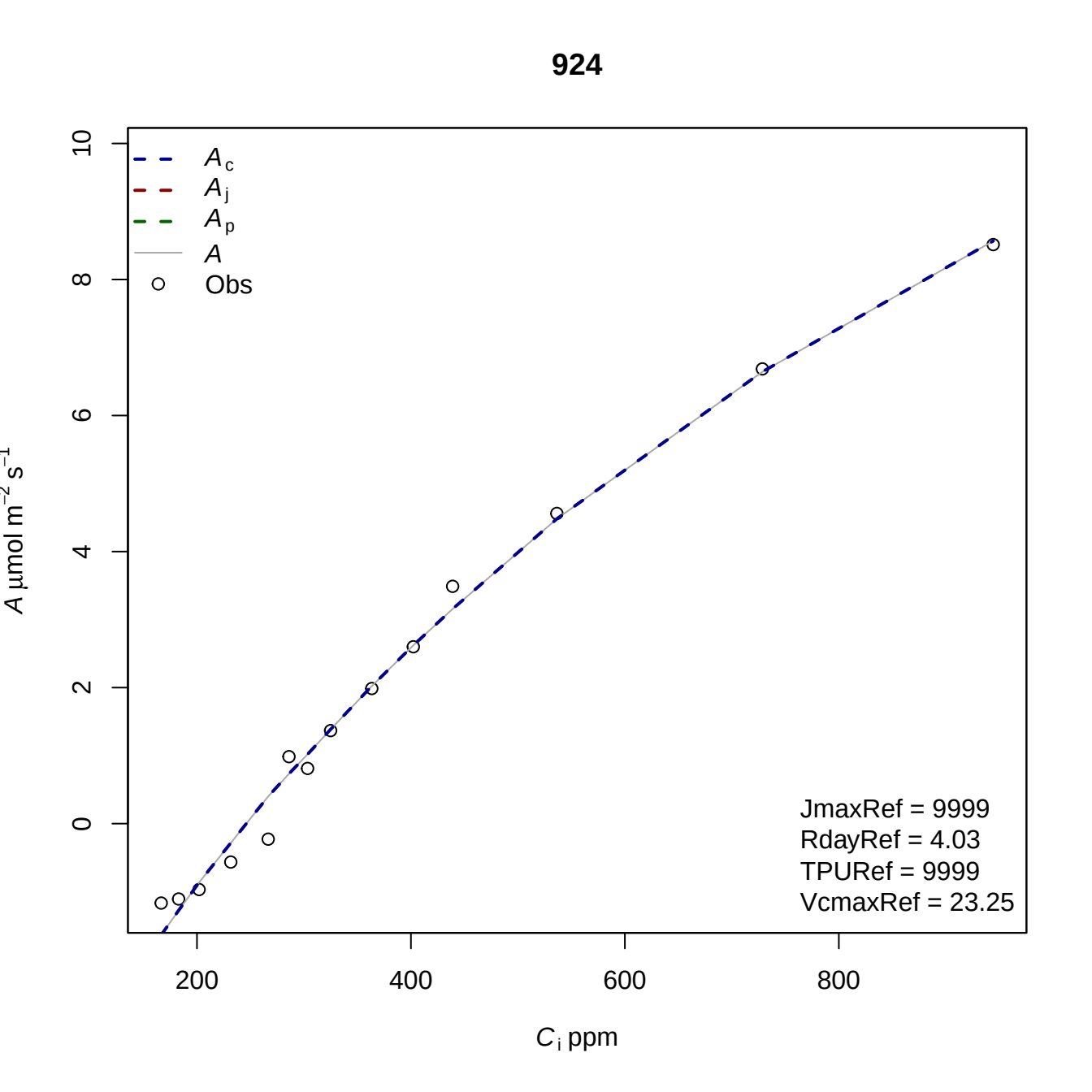

919
A_c
A_j
A_p
A
Obs
JmaxRef = 109.53
RdayRef = 1.13
TPURef = 6.98
VcmaxRef = 65.01
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

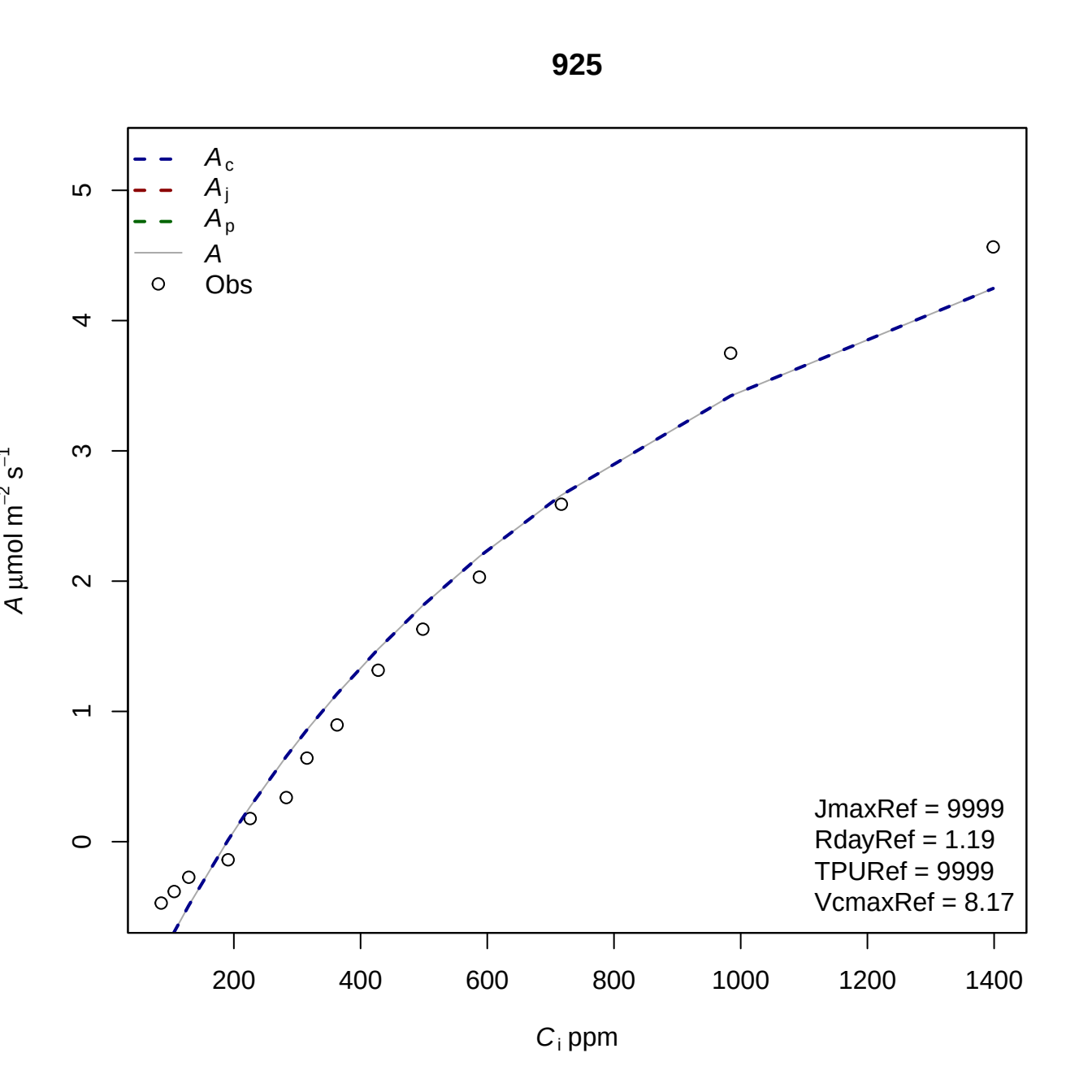

920
A_c
A_j
A_p
A
Obs
JmaxRef = 96.94
RdayRef = 1.03
TPURef = 6.38
VcmaxRef = 63.86
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

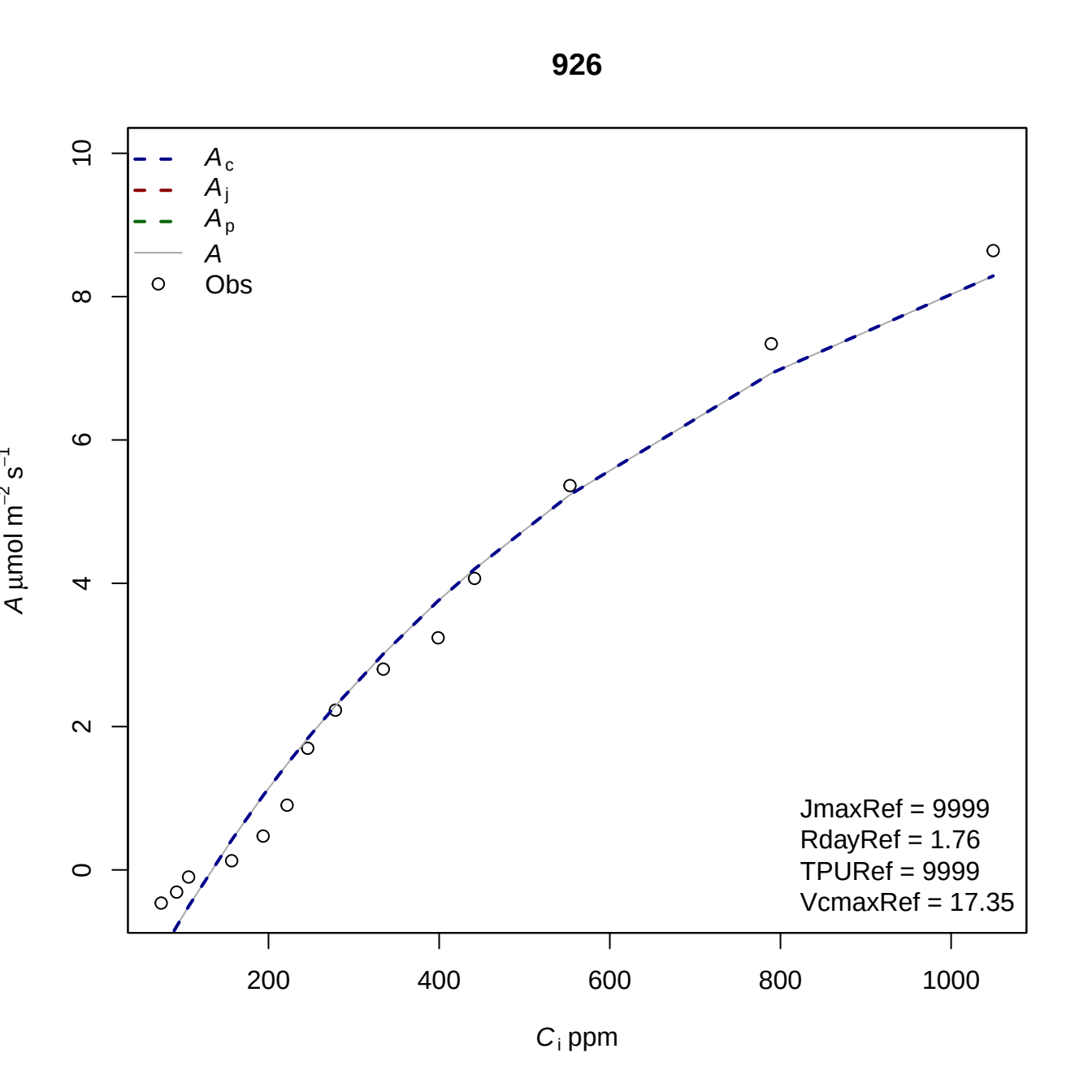

921
A_c
A_j
A_p
A
Obs
JmaxRef = 67.49
RdayRef = 2.4
TPURef = 9999
VcmaxRef = 38.34
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

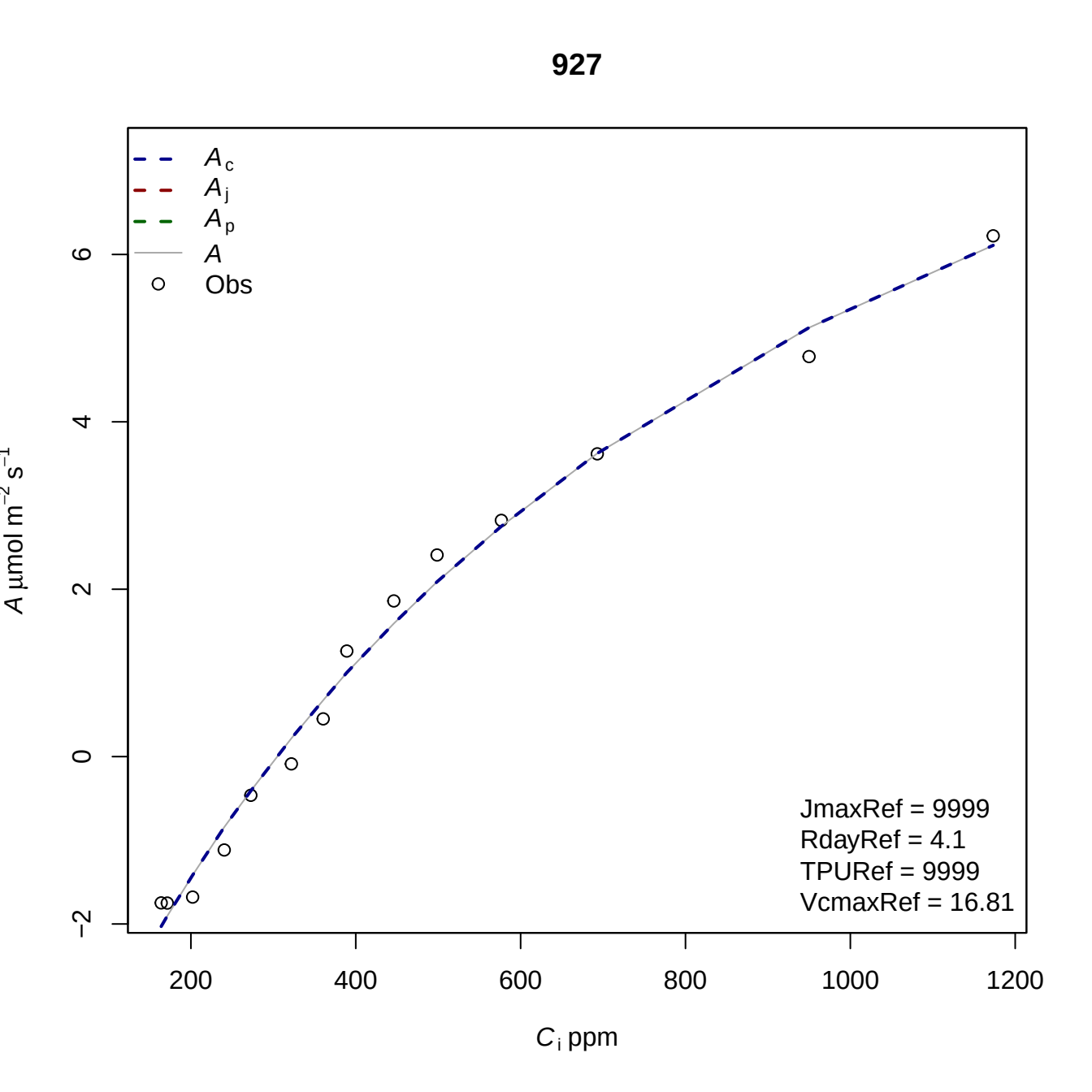

922
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.21
TPURef = 9999
VcmaxRef = 13.37
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
0
500
1000
1500

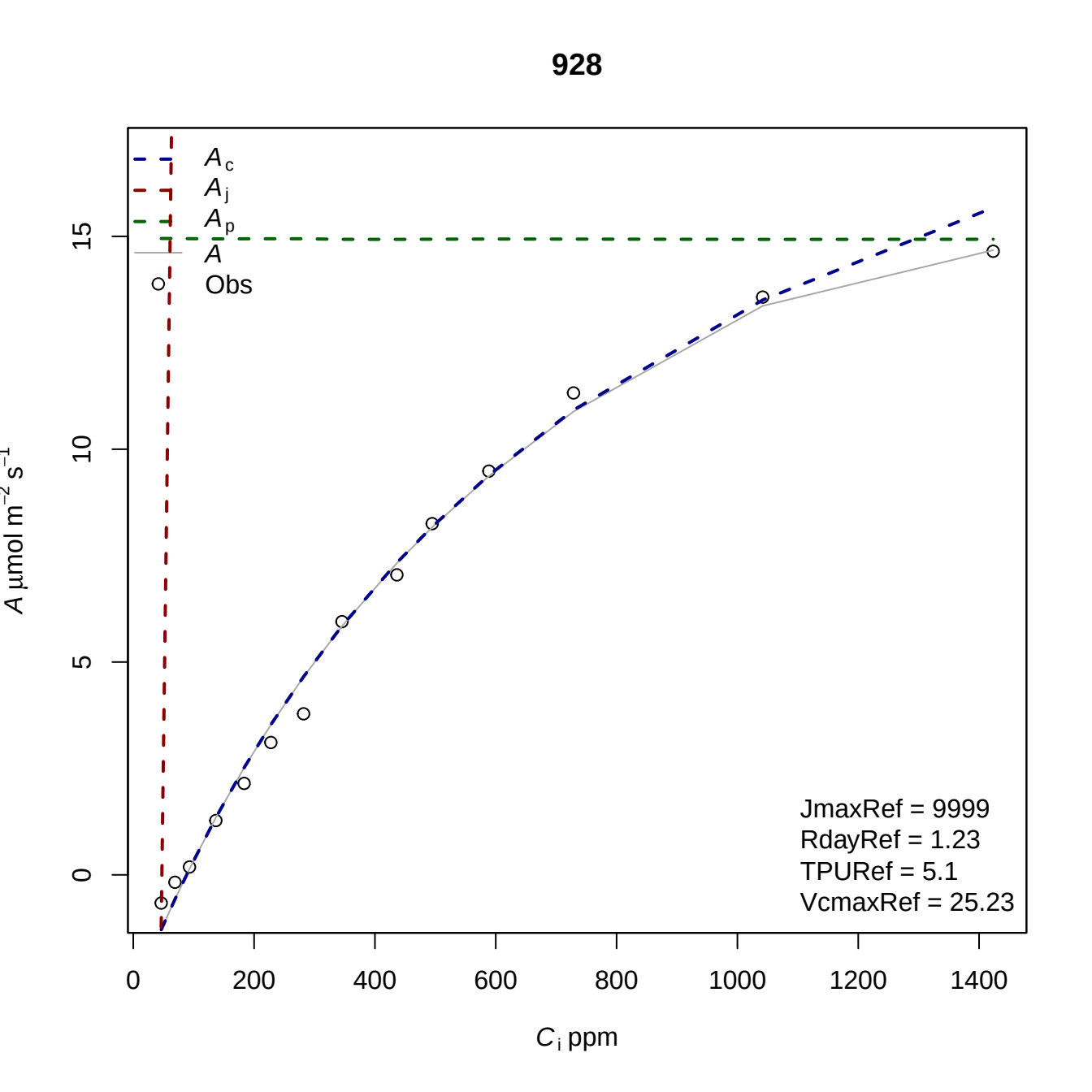

923
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.95
TPURef = 9999
VcmaxRef = 6.04
A µmol m^{-2} s^{-1}
C_i ppm
0.0
0.5
1.0
1.5
2.0
2.5
200
300
400
500
600
700
800

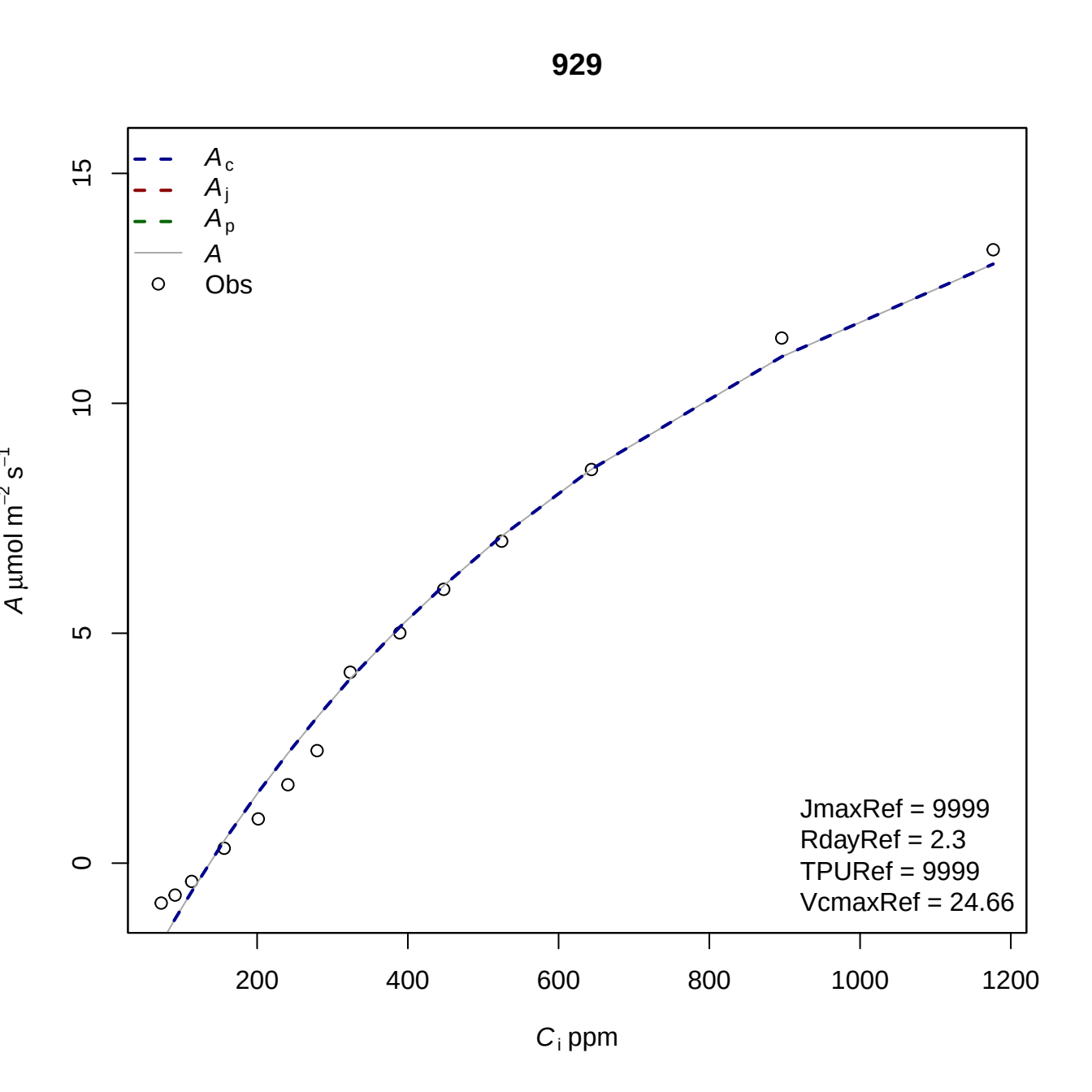

924
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 4.03
TPURef = 9999
VcmaxRef = 23.25
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800

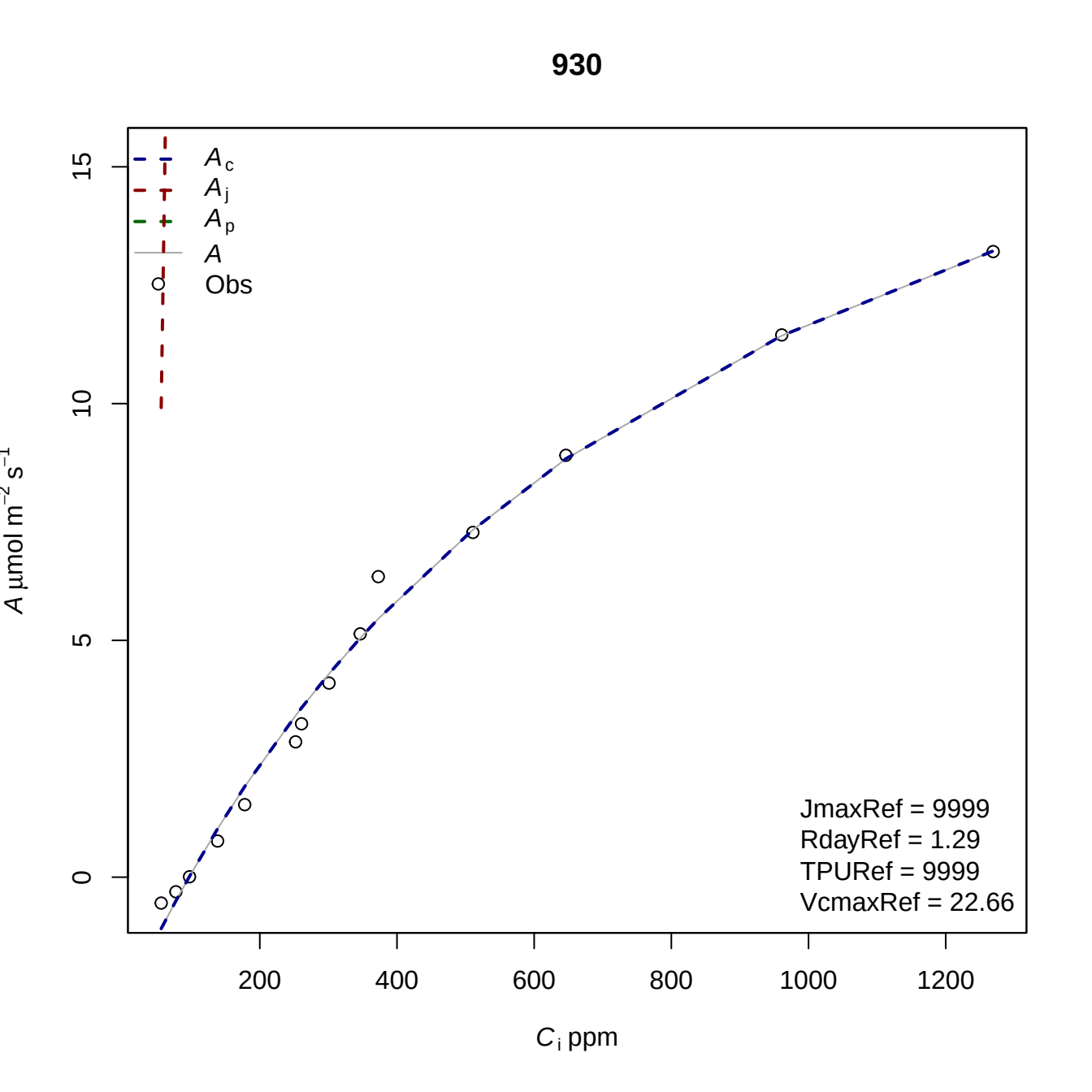

925
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.19
TPURef = 9999
VcmaxRef = 8.17
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
5
200
400
600
800
1000
1200
1400

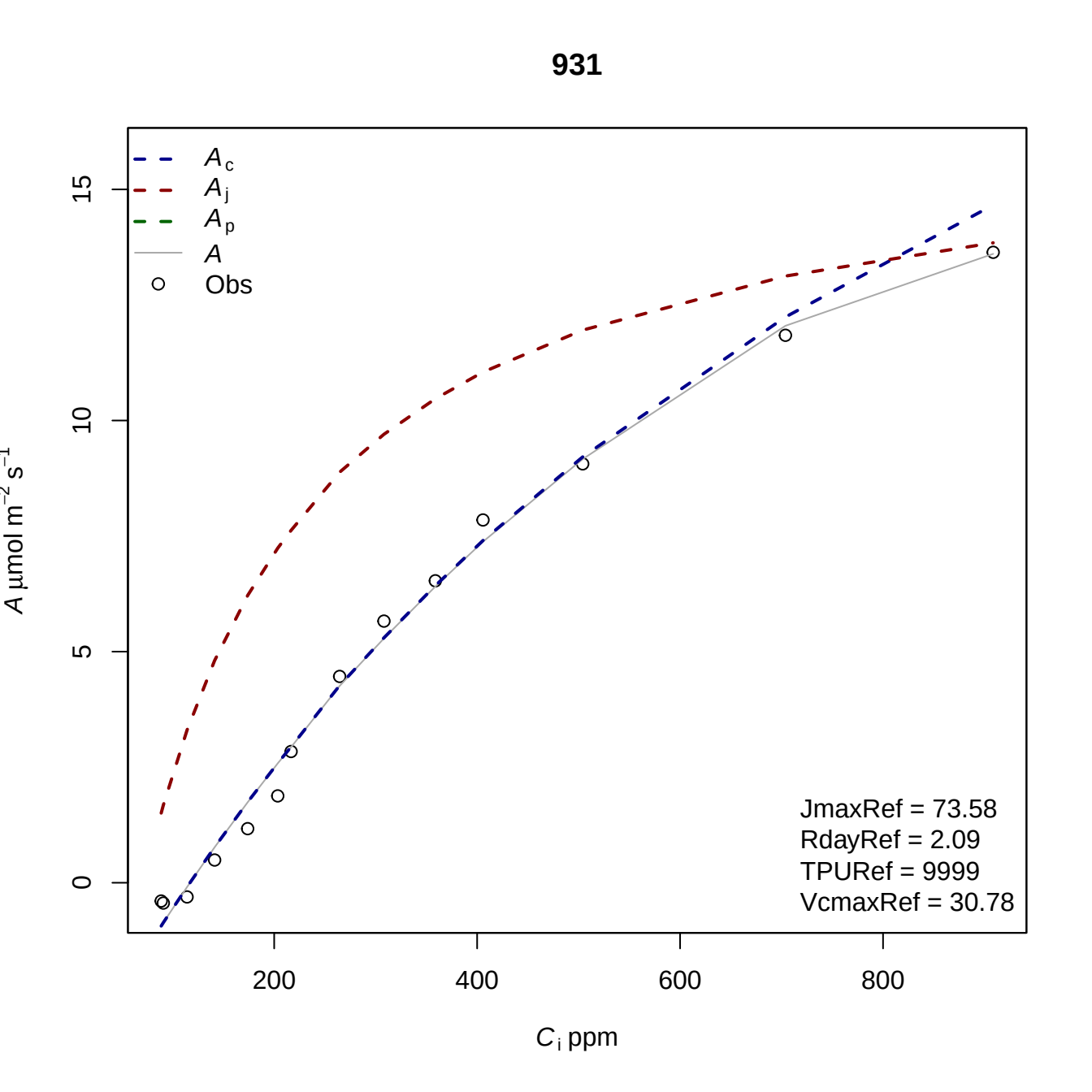

926
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.76
TPURef = 9999
VcmaxRef = 17.35
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000

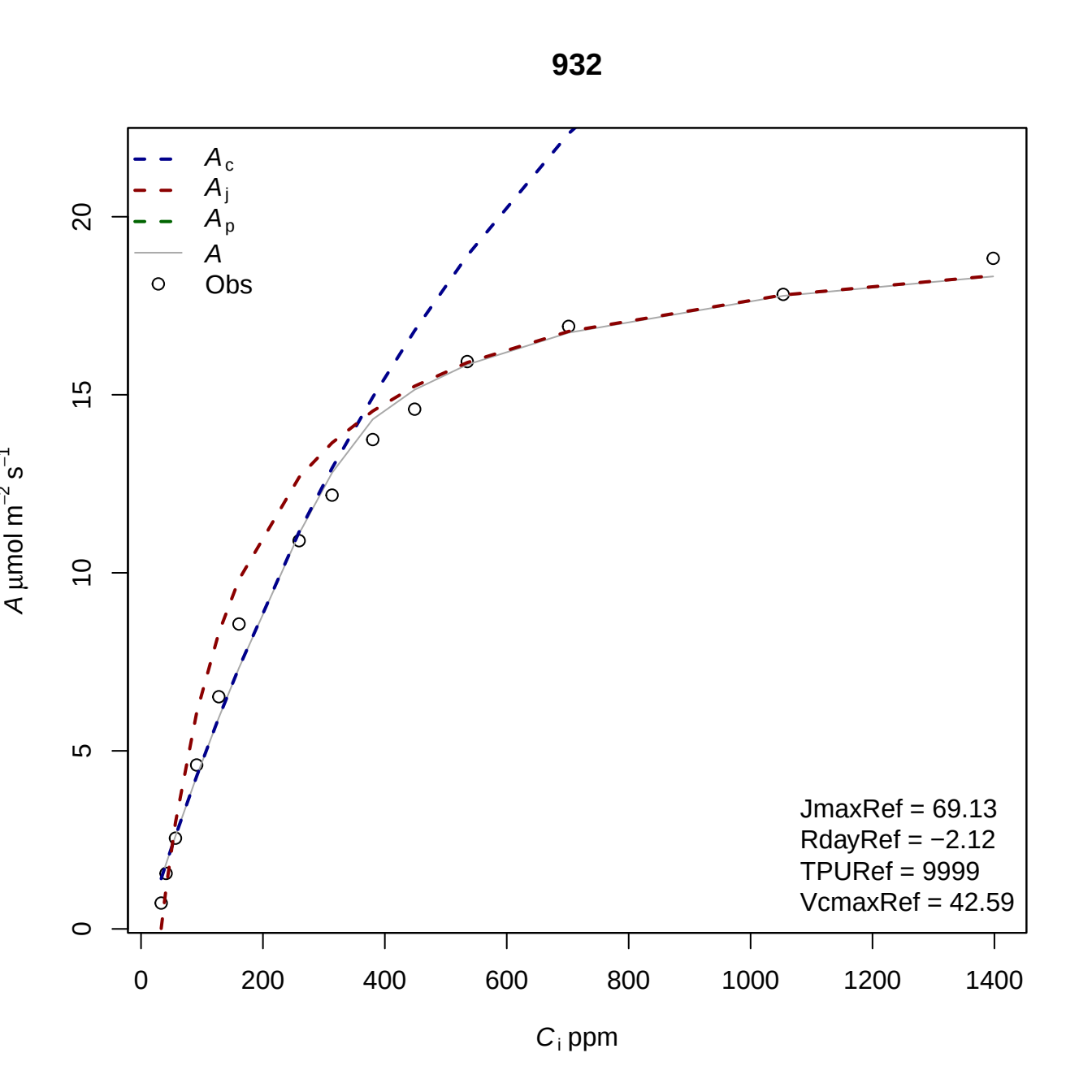

927
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 4.1
TPURef = 9999
VcmaxRef = 16.81
A µmol m^{-2} s^{-1}
C_i ppm
−2
0
2
4
6
200
400
600
800
1000
1200

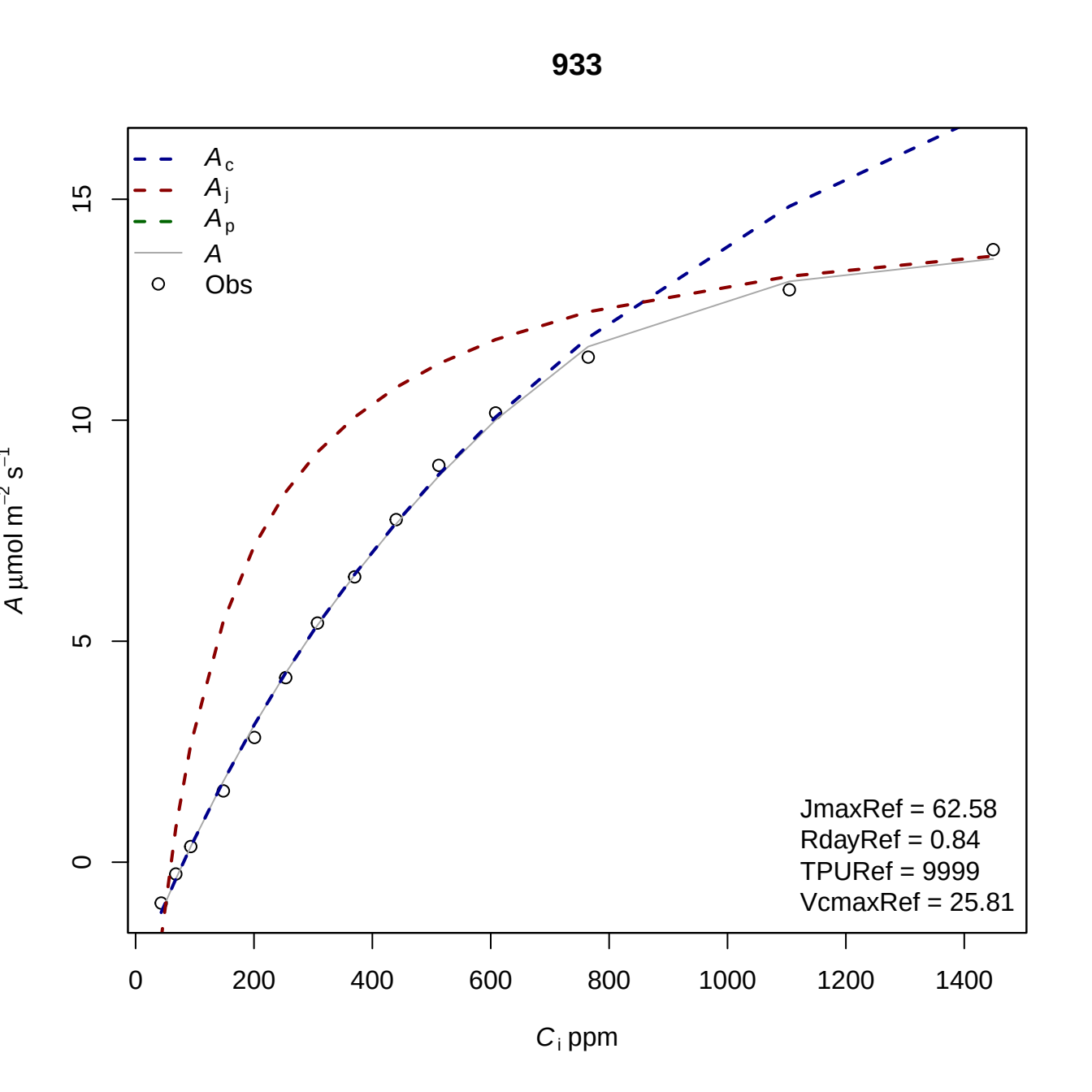

928
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.23
TPURef = 5.1
VcmaxRef = 25.23
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

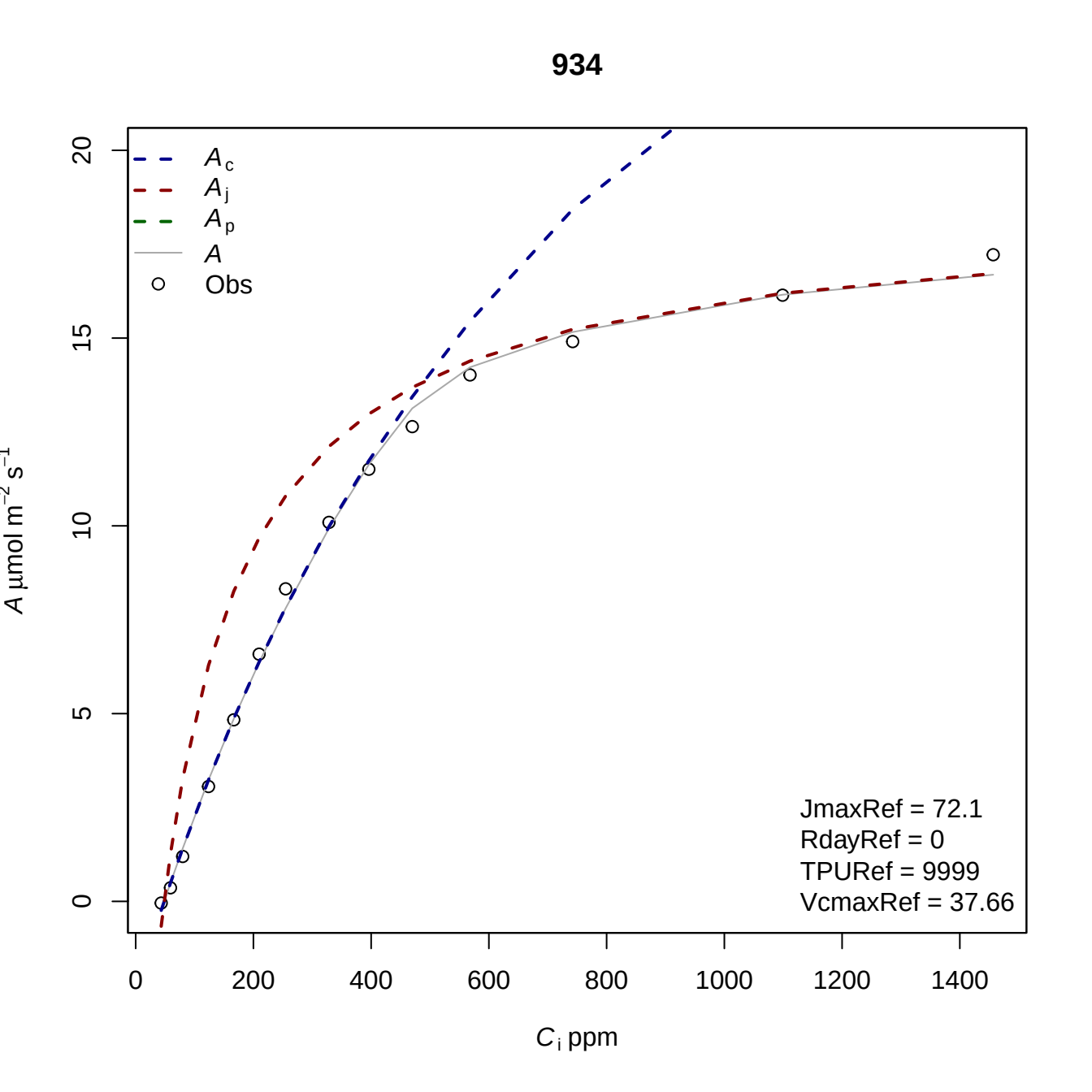

929
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 2.3
TPURef = 9999
VcmaxRef = 24.66
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

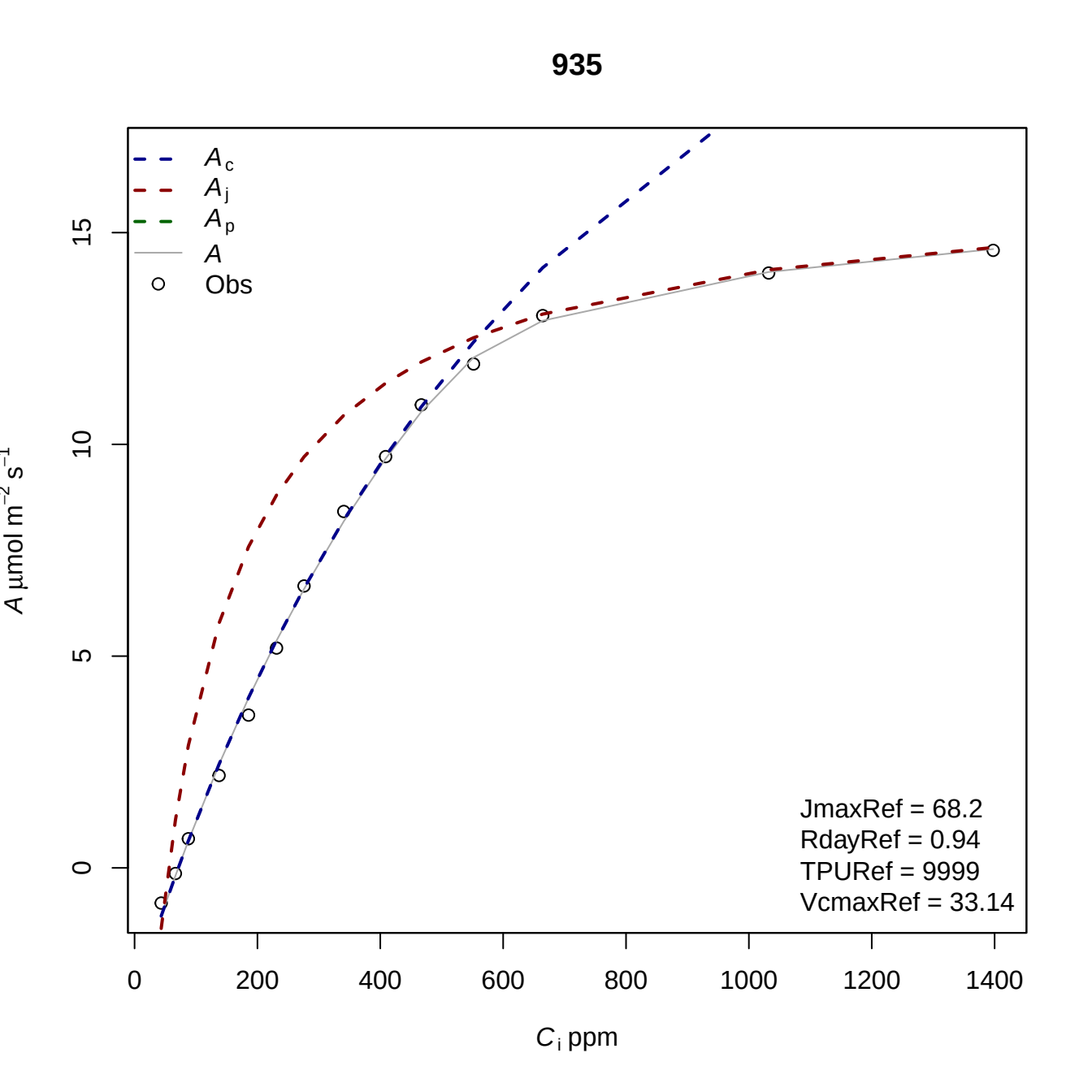

930
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.29
TPURef = 9999
VcmaxRef = 22.66
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

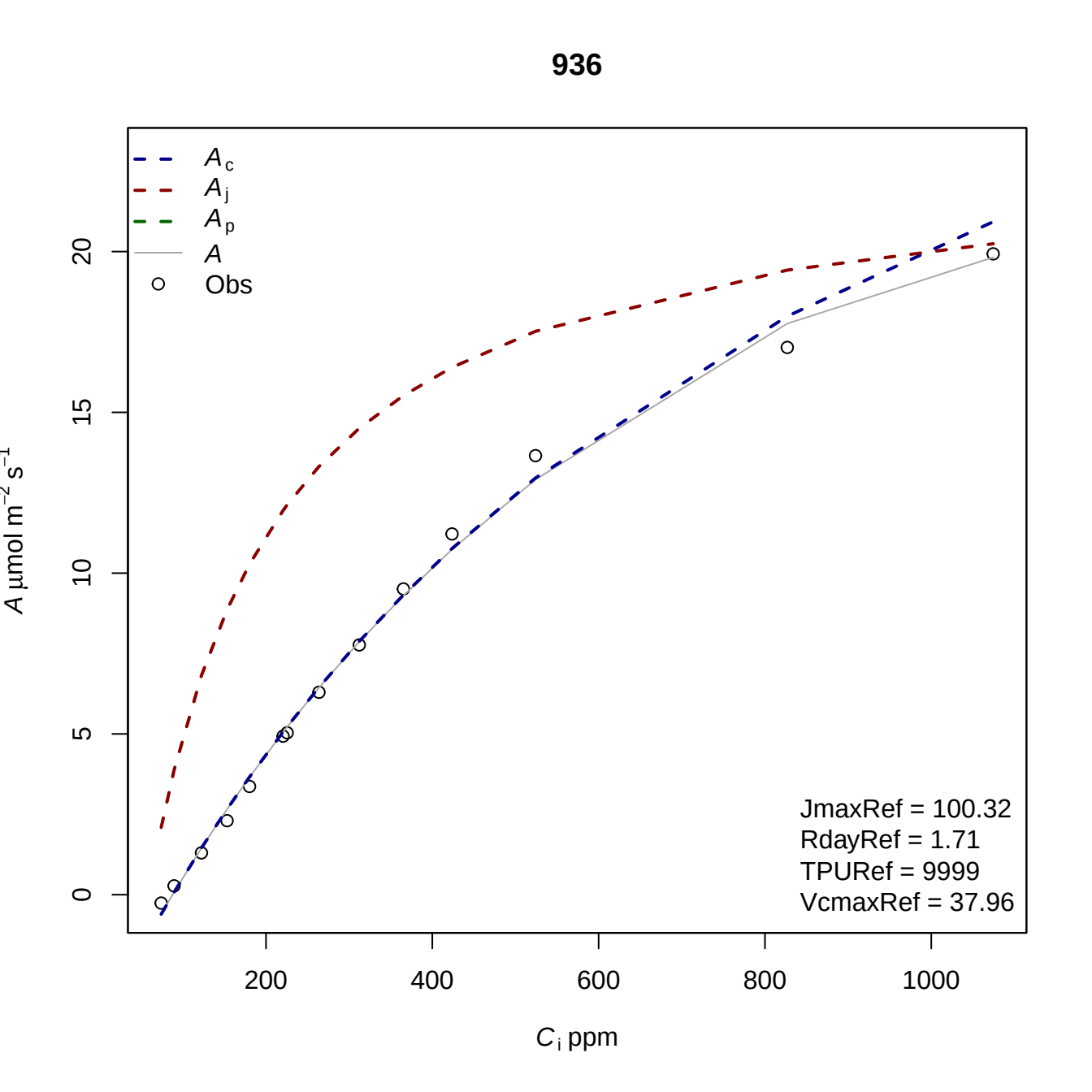

931
A_c
A_j
A_p
A
Obs
JmaxRef = 73.58
RdayRef = 2.09
TPURef = 9999
VcmaxRef = 30.78
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800

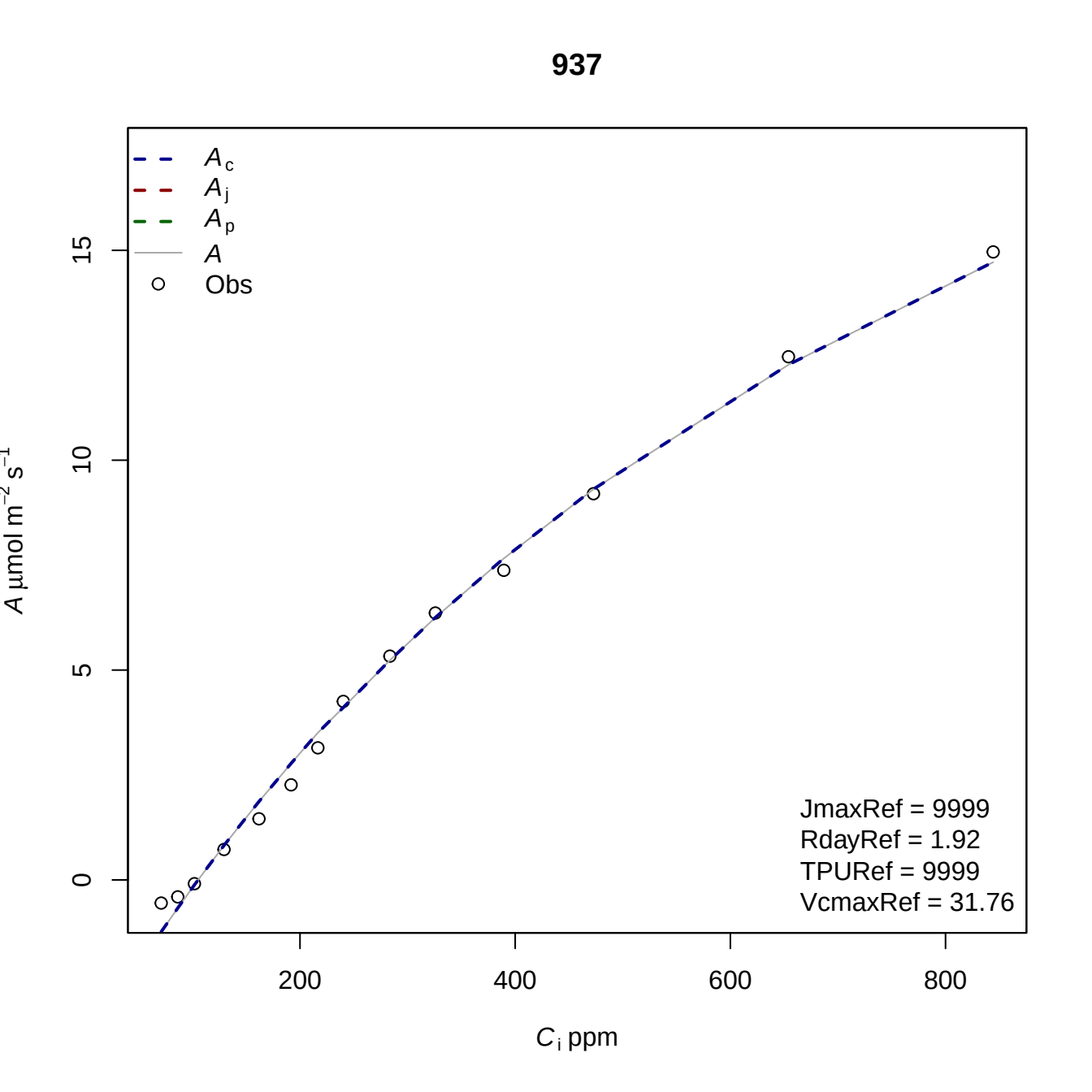

932
A_c
A_j
A_p
A
Obs
JmaxRef = 69.13
RdayRef = −2.12
TPURef = 9999
VcmaxRef = 42.59
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

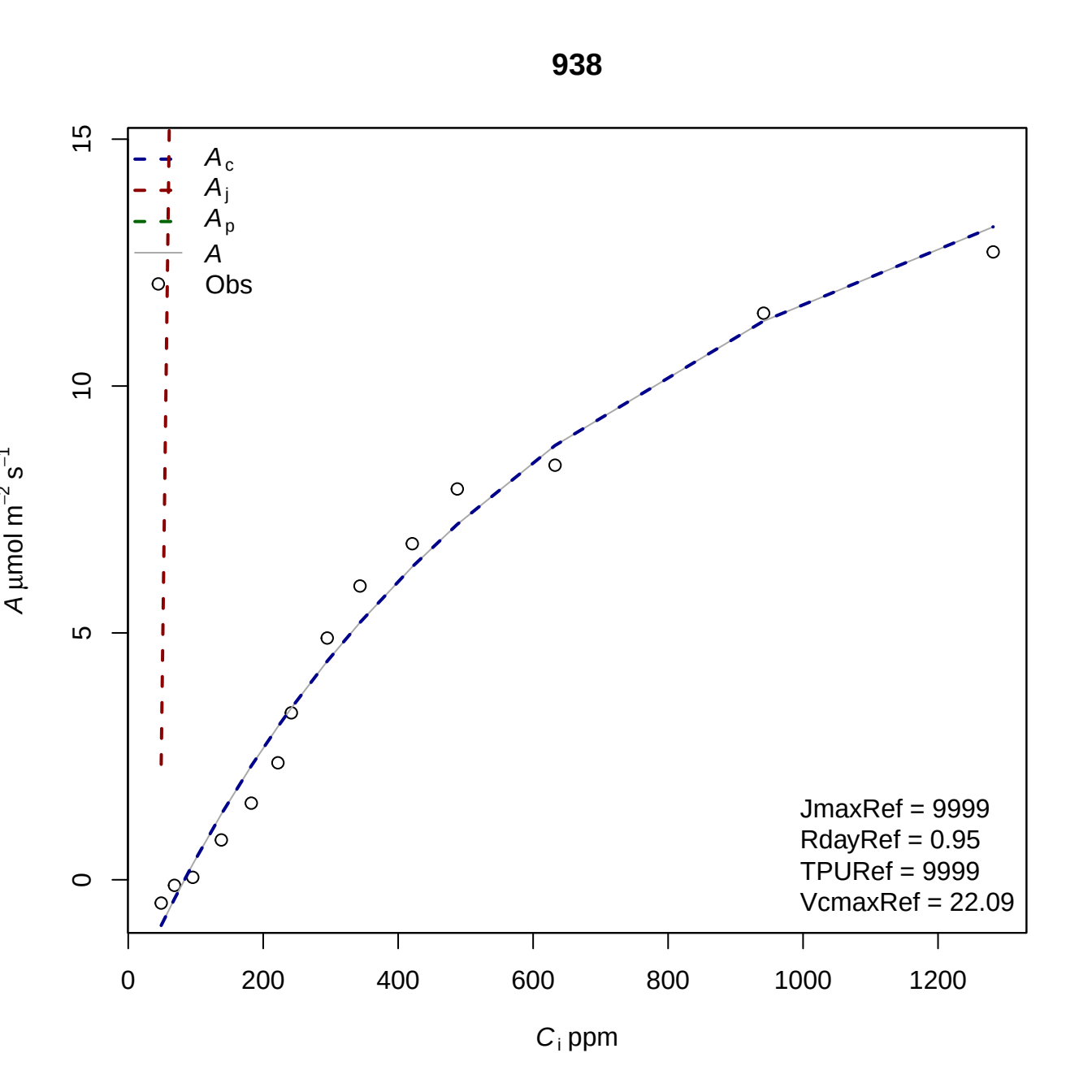

933
A_c
A_j
A_p
A
Obs
JmaxRef = 62.58
RdayRef = 0.84
TPURef = 9999
VcmaxRef = 25.81
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

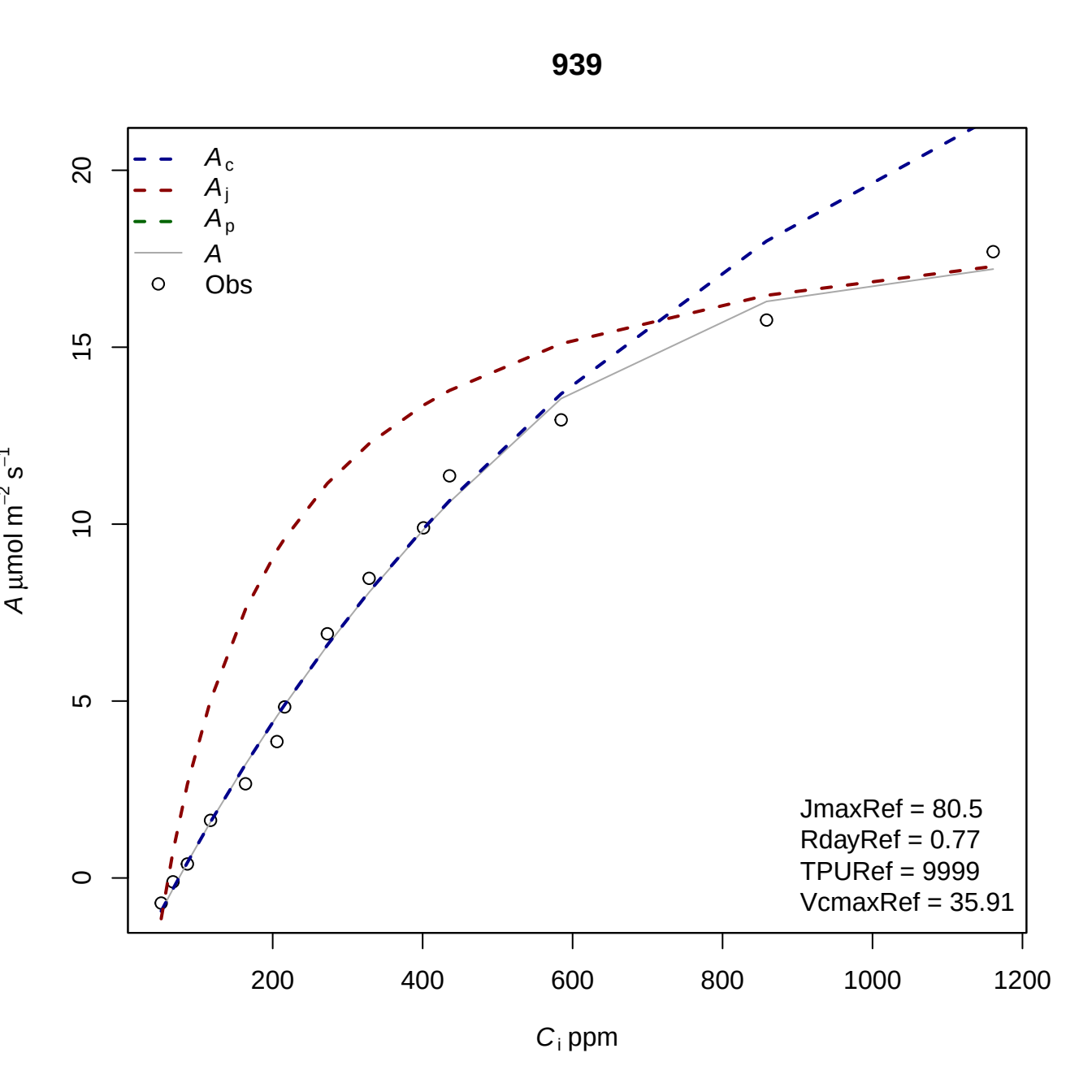

934
A_c
A_j
A_p
A
Obs
JmaxRef = 72.1
RdayRef = 0
TPURef = 9999
VcmaxRef = 37.66
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

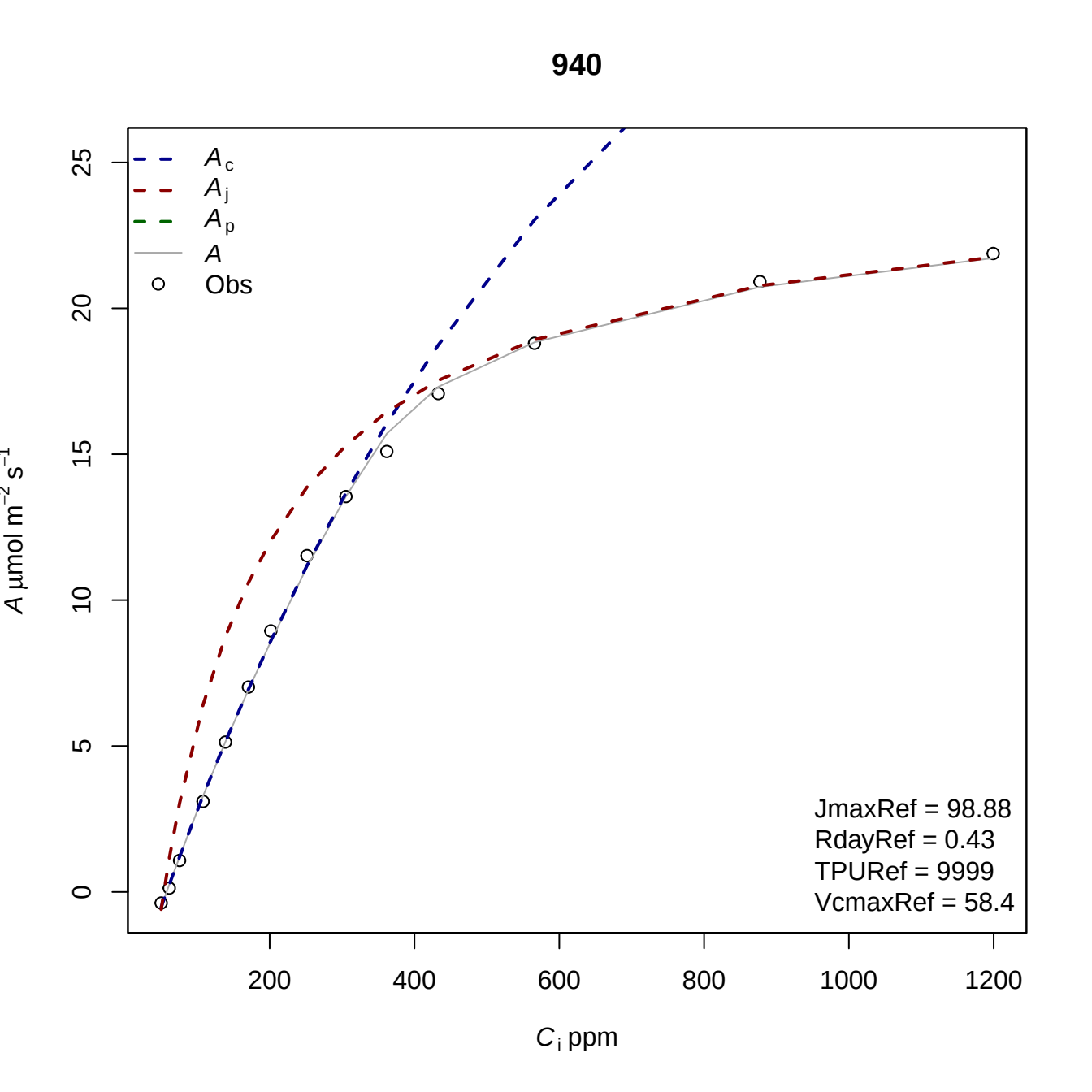

935
A_c
A_j
A_p
A
Obs
JmaxRef = 68.2
RdayRef = 0.94
TPURef = 9999
VcmaxRef = 33.14
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

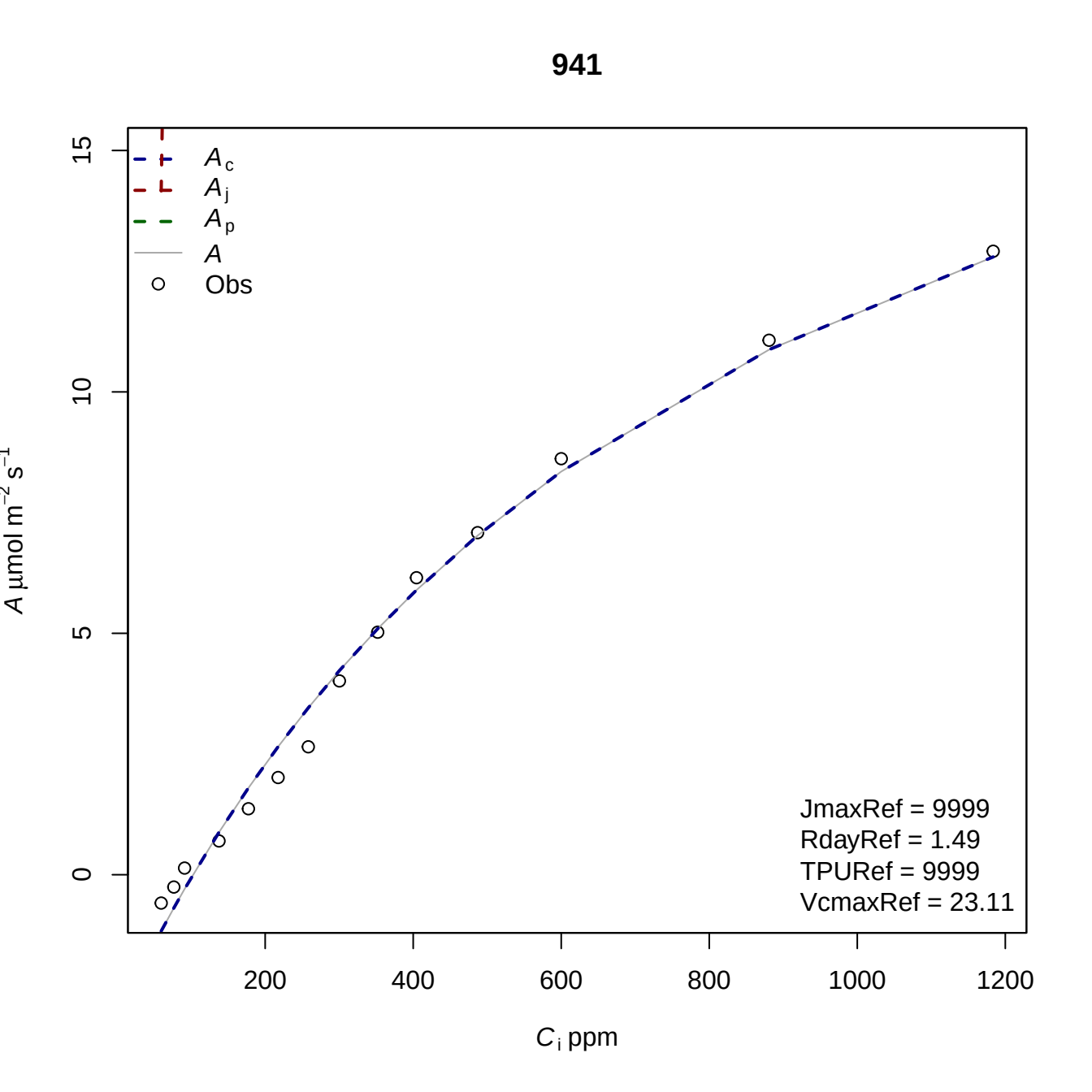

936
A_c
A_j
A_p
A
Obs
JmaxRef = 100.32
RdayRef = 1.71
TPURef = 9999
VcmaxRef = 37.96
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

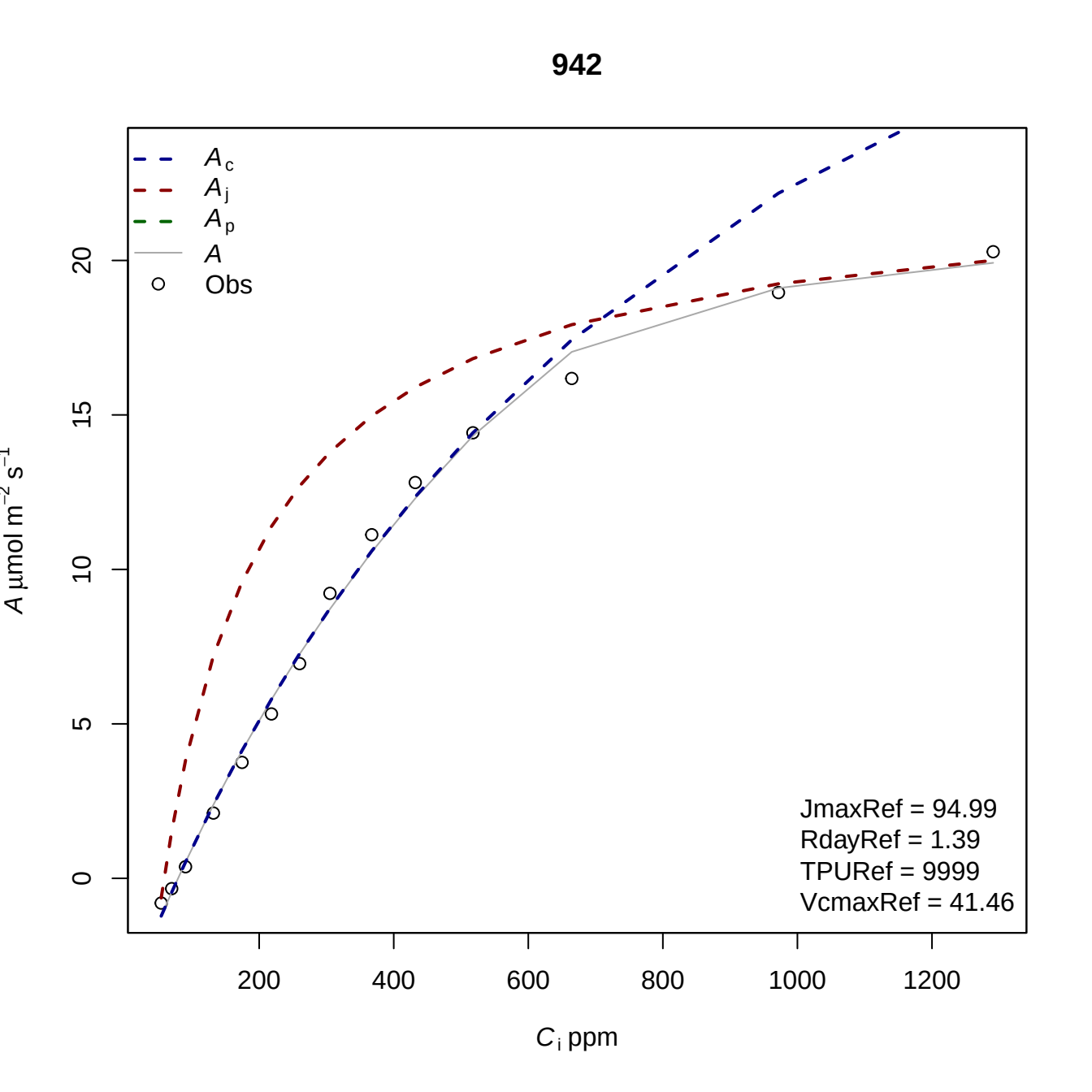

937
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.92
TPURef = 9999
VcmaxRef = 31.76
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800

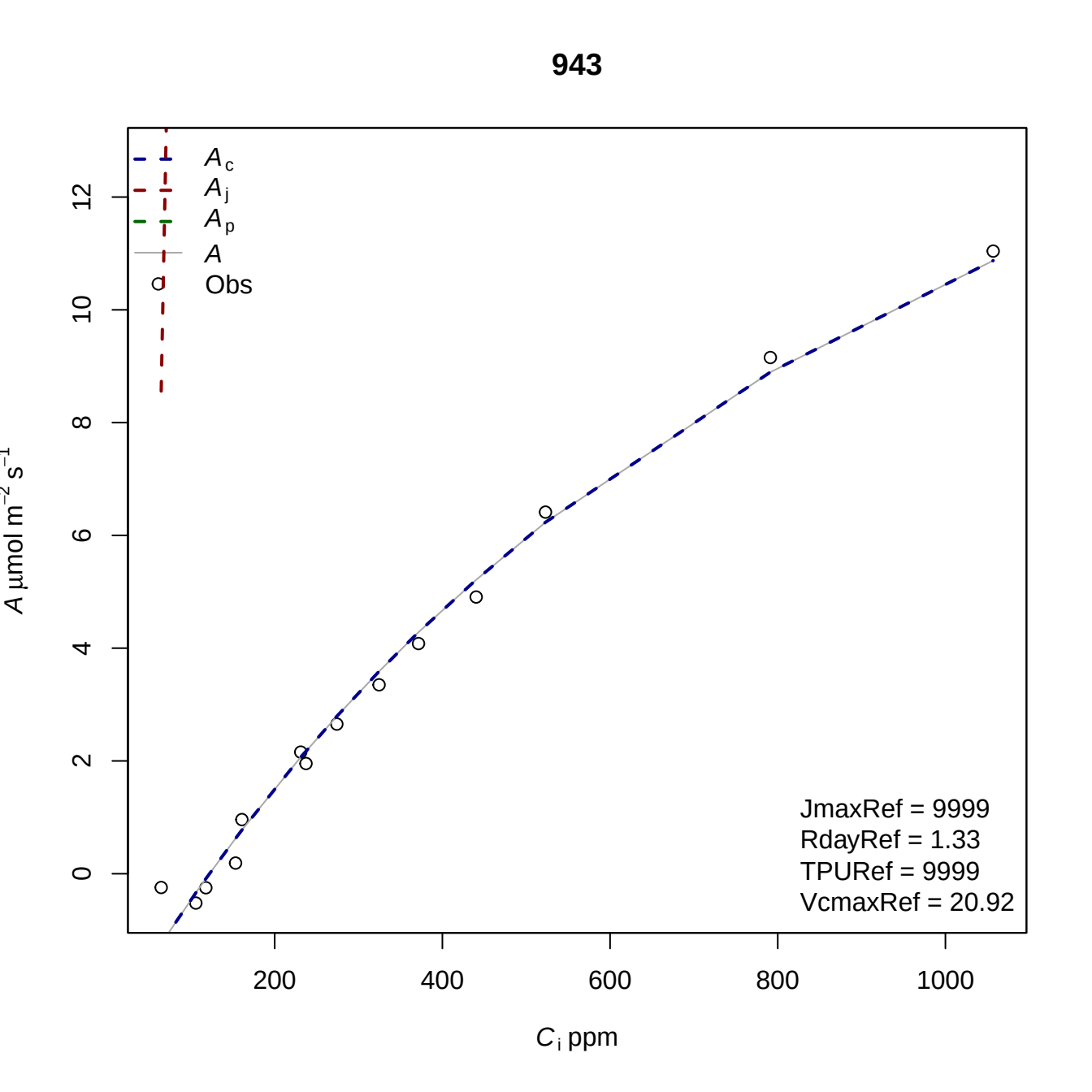

938
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.95
TPURef = 9999
VcmaxRef = 22.09
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200

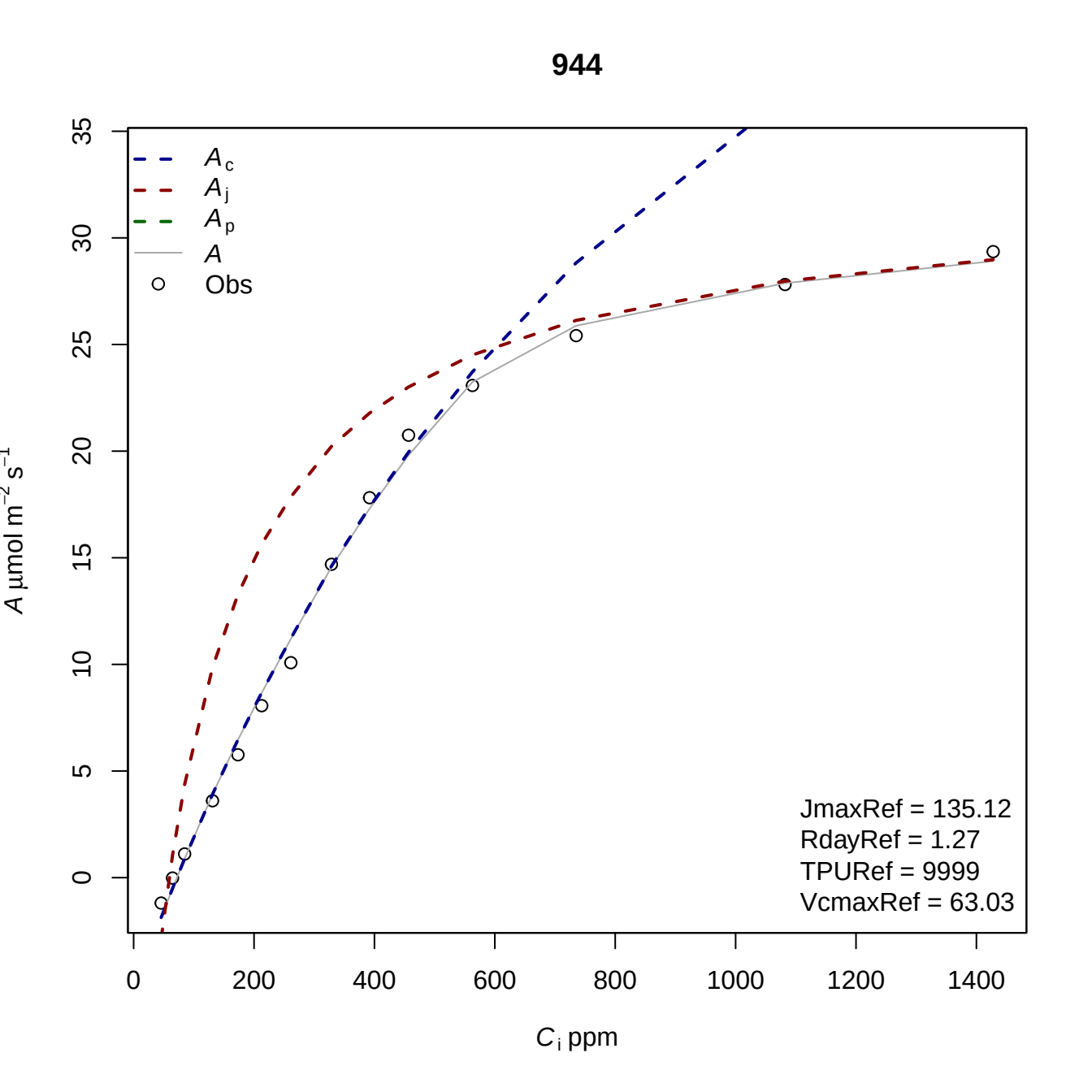

939
A_c
A_j
A_p
A
Obs
JmaxRef = 80.5
RdayRef = 0.77
TPURef = 9999
VcmaxRef = 35.91
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

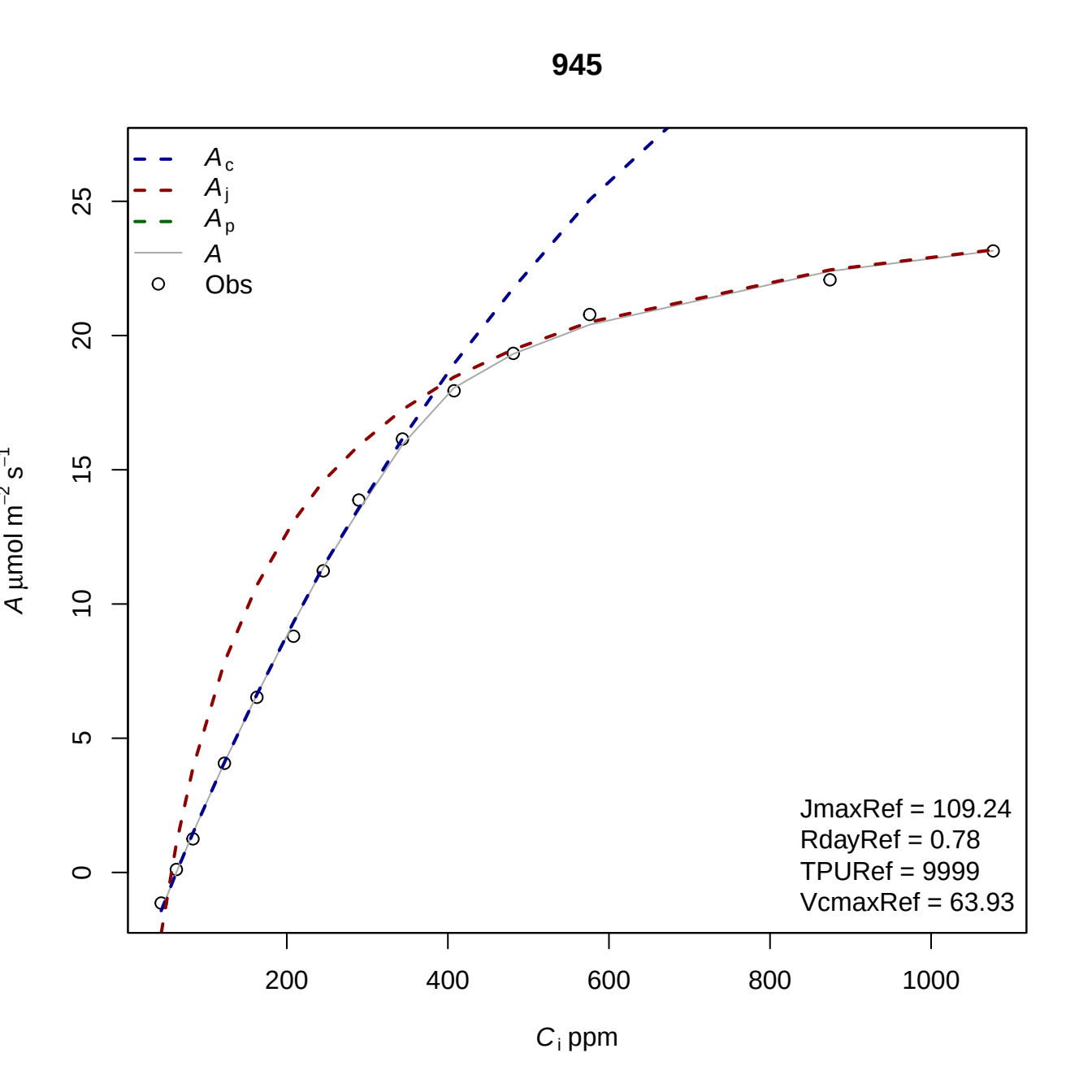

940
A_c
A_j
A_p
A
Obs
JmaxRef = 98.88
RdayRef = 0.43
TPURef = 9999
VcmaxRef = 58.4
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000
1200

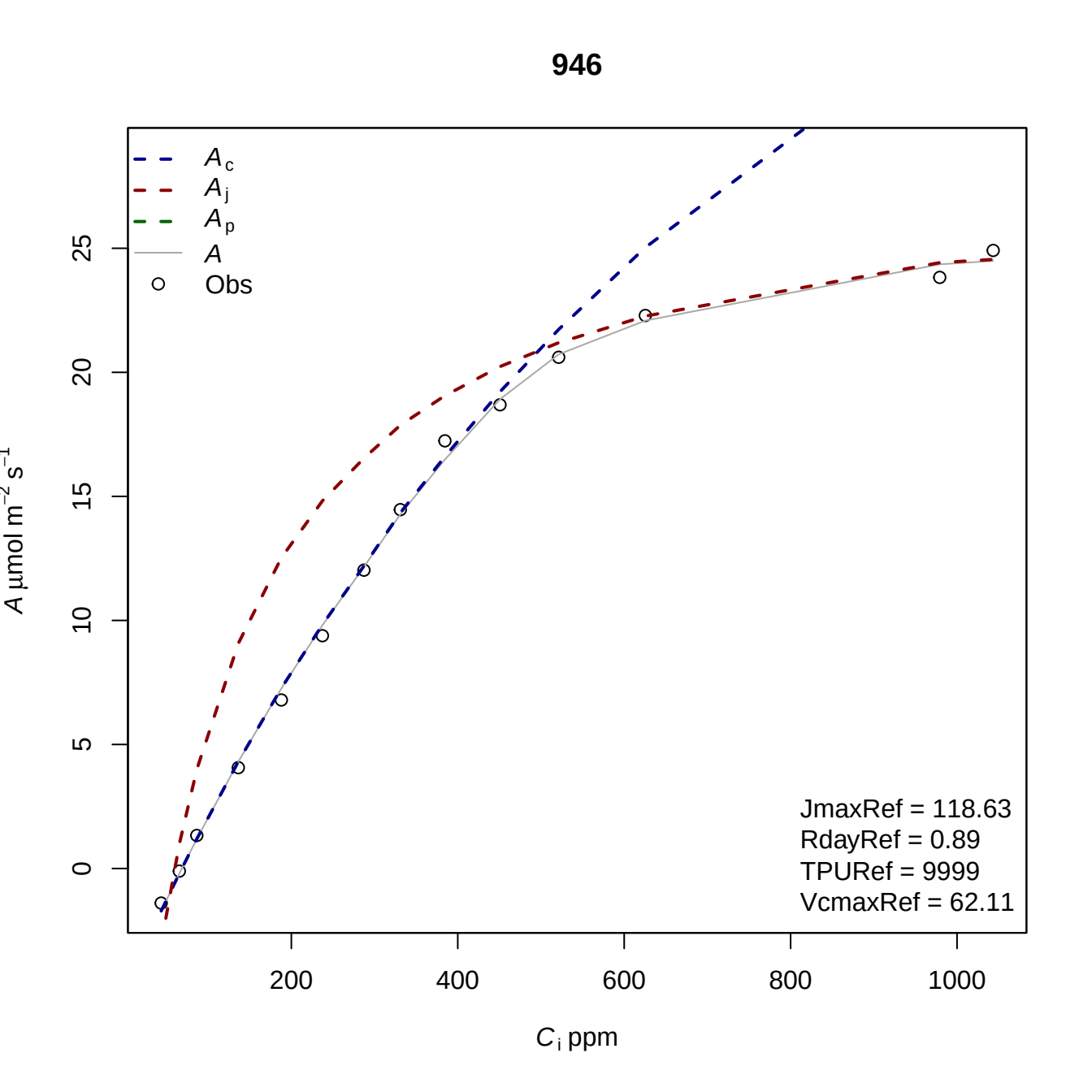

941
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.49
TPURef = 9999
VcmaxRef = 23.11
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

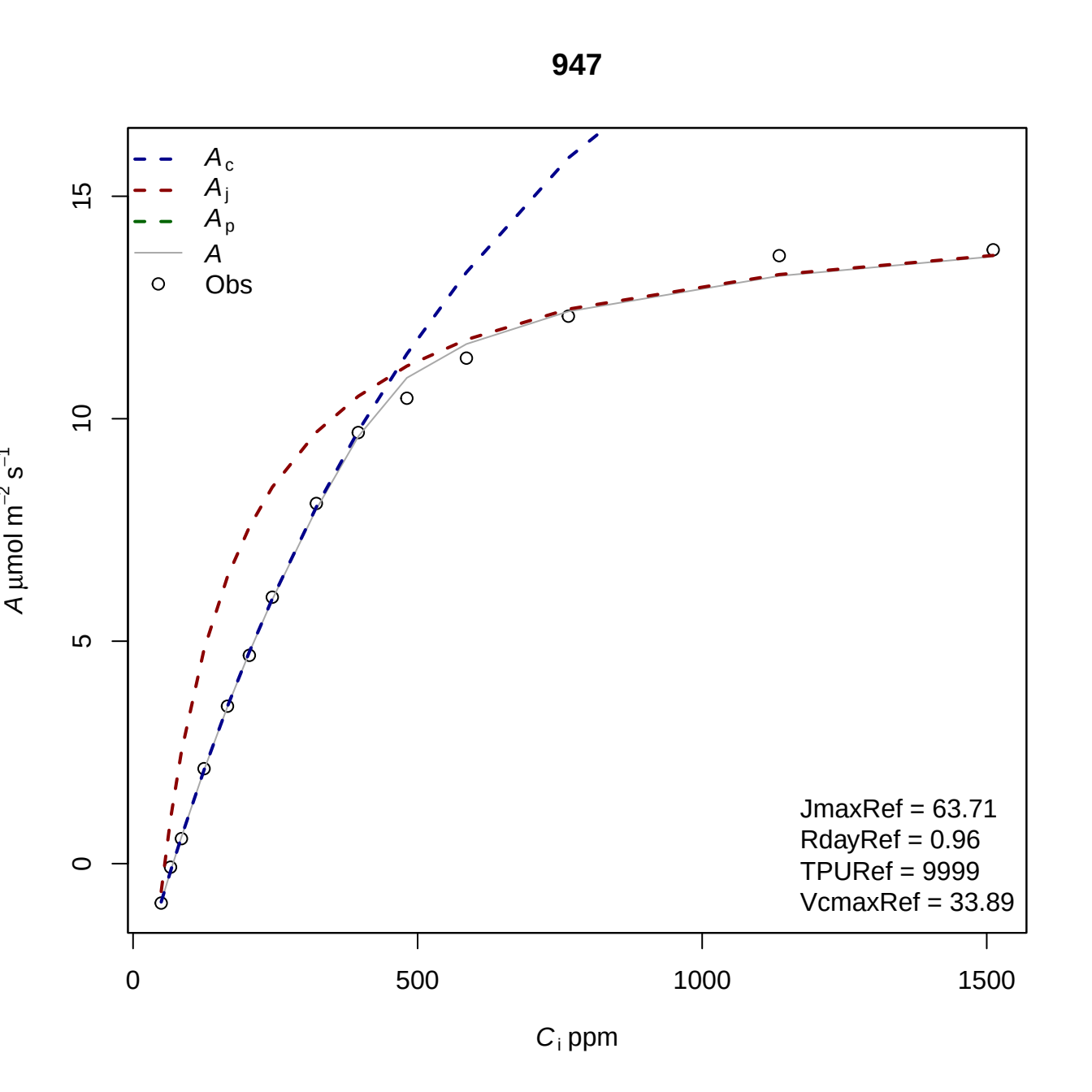

942
A_c
A_j
A_p
A
Obs
JmaxRef = 94.99
RdayRef = 1.39
TPURef = 9999
VcmaxRef = 41.46
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

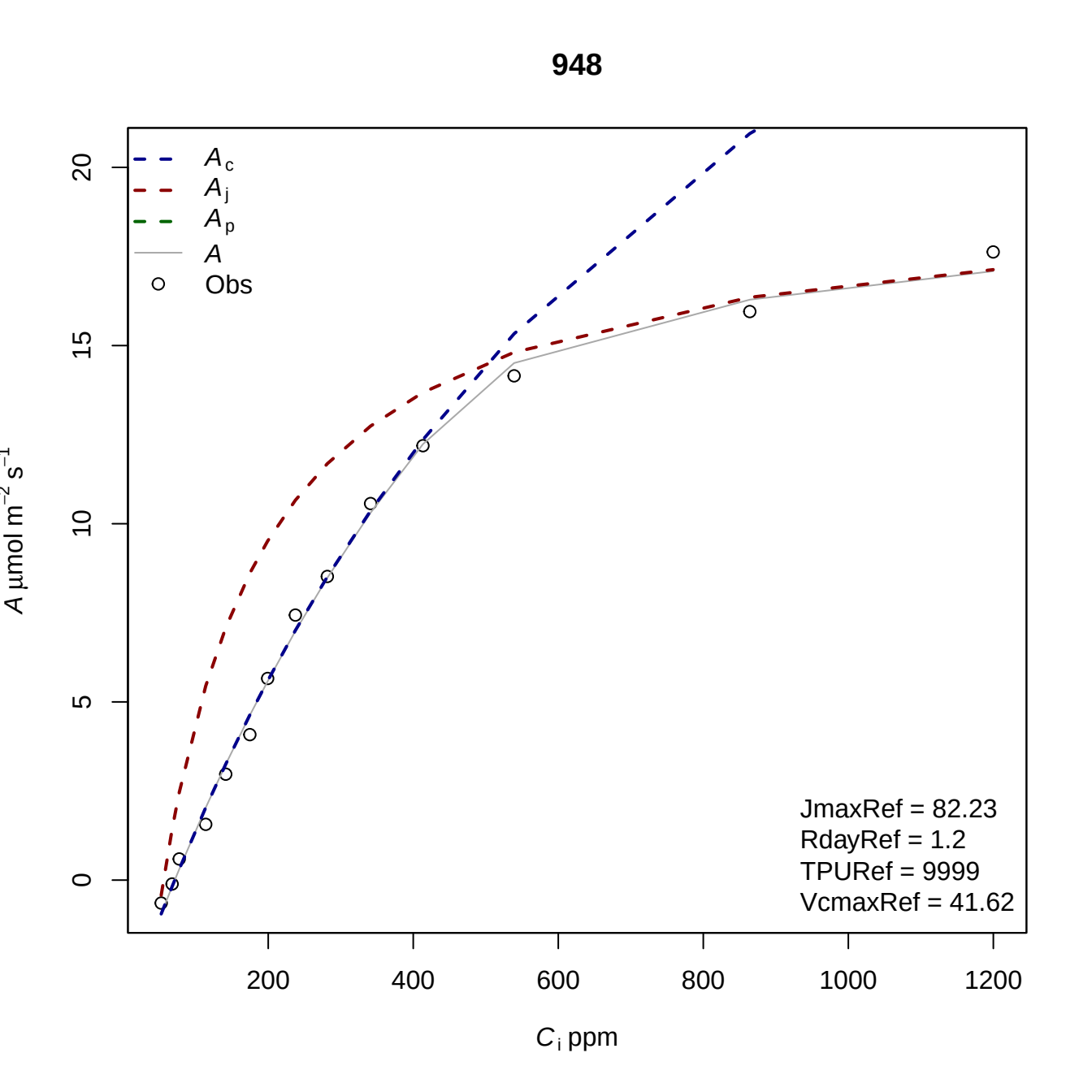

943
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.33
TPURef = 9999
VcmaxRef = 20.92
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000

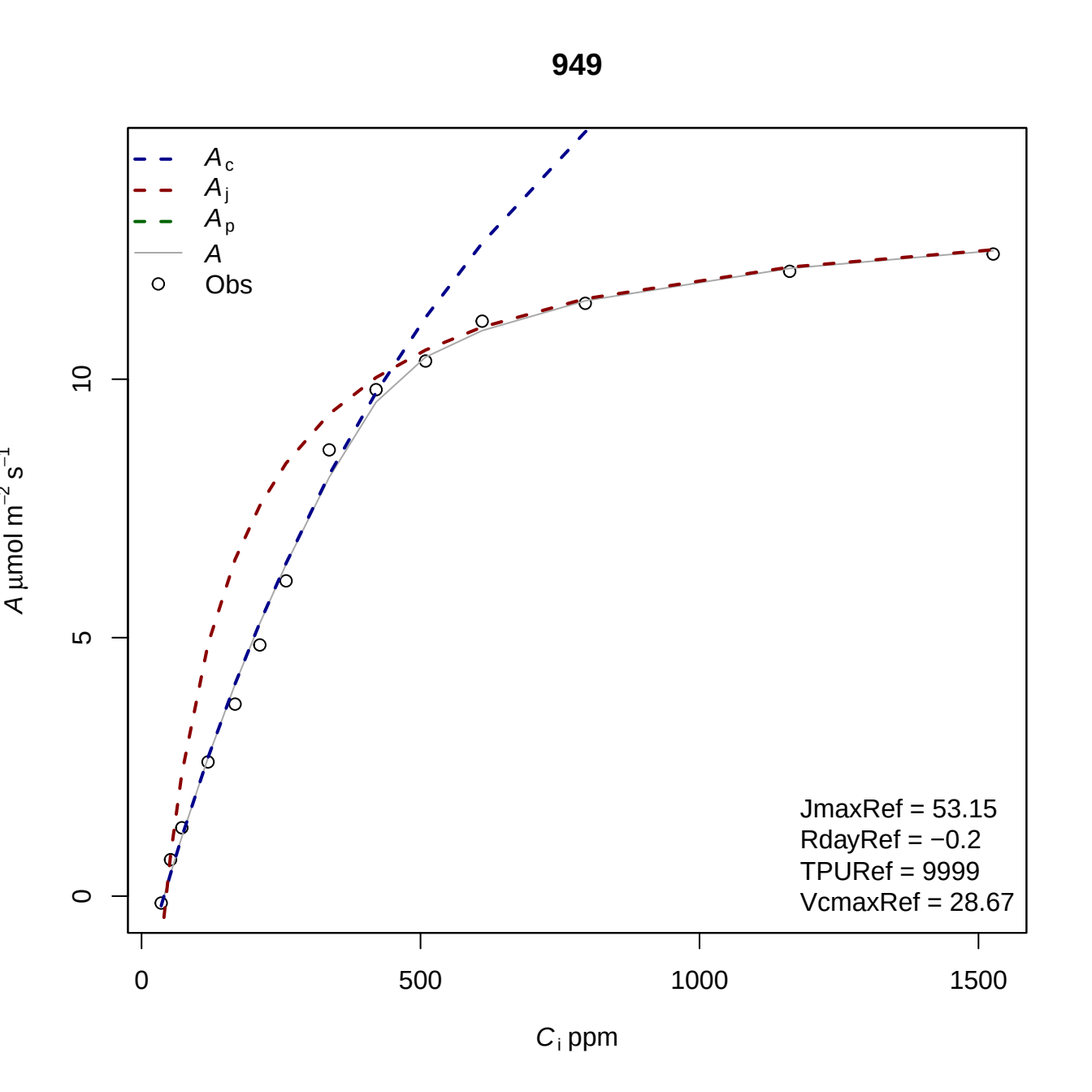

944
A_c
A_j
A_p
A
Obs
JmaxRef = 135.12
RdayRef = 1.27
TPURef = 9999
VcmaxRef = 63.03
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
0
200
400
600
800
1000
1200
1400

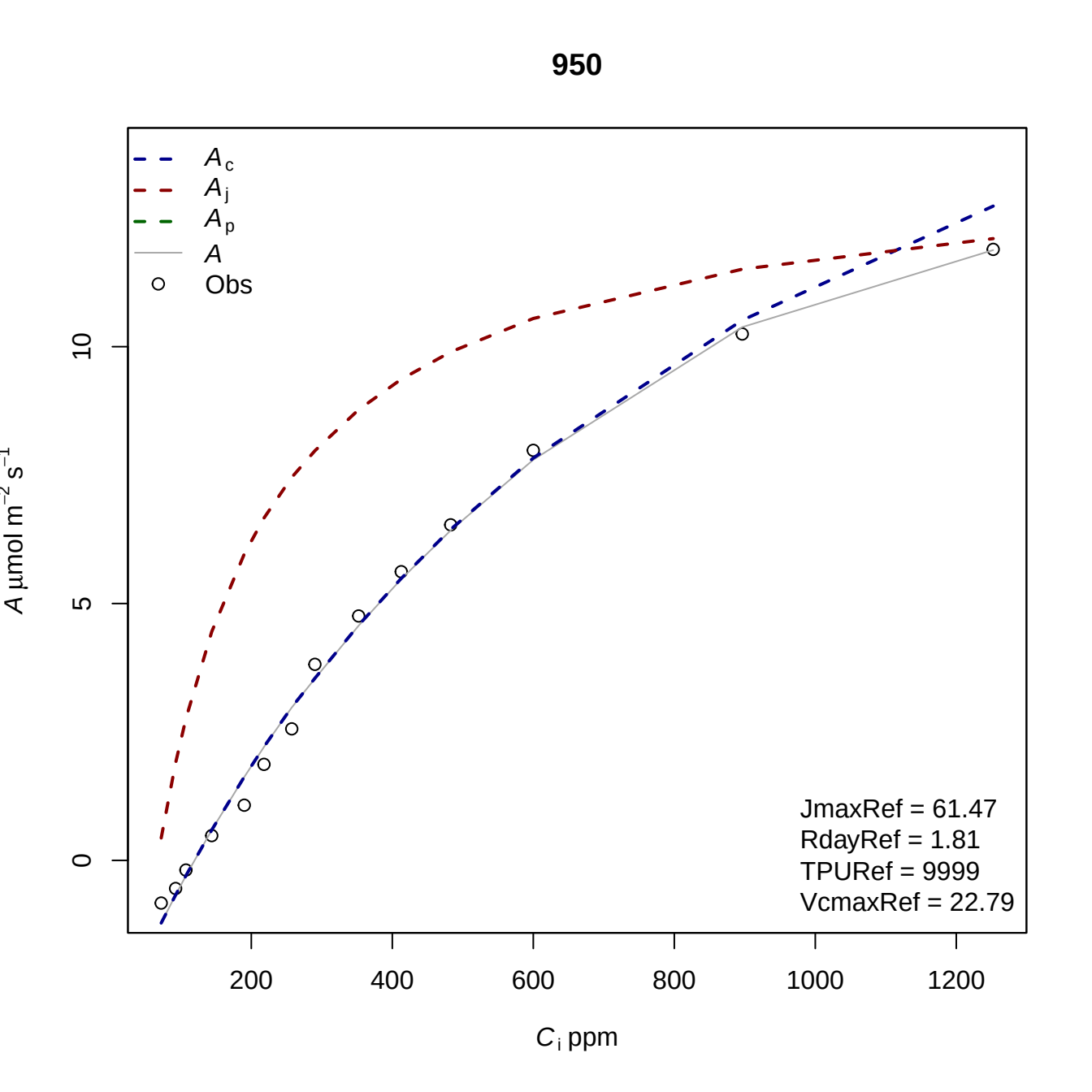

945
A_c
A_j
A_p
A
Obs
JmaxRef = 109.24
RdayRef = 0.78
TPURef = 9999
VcmaxRef = 63.93
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000

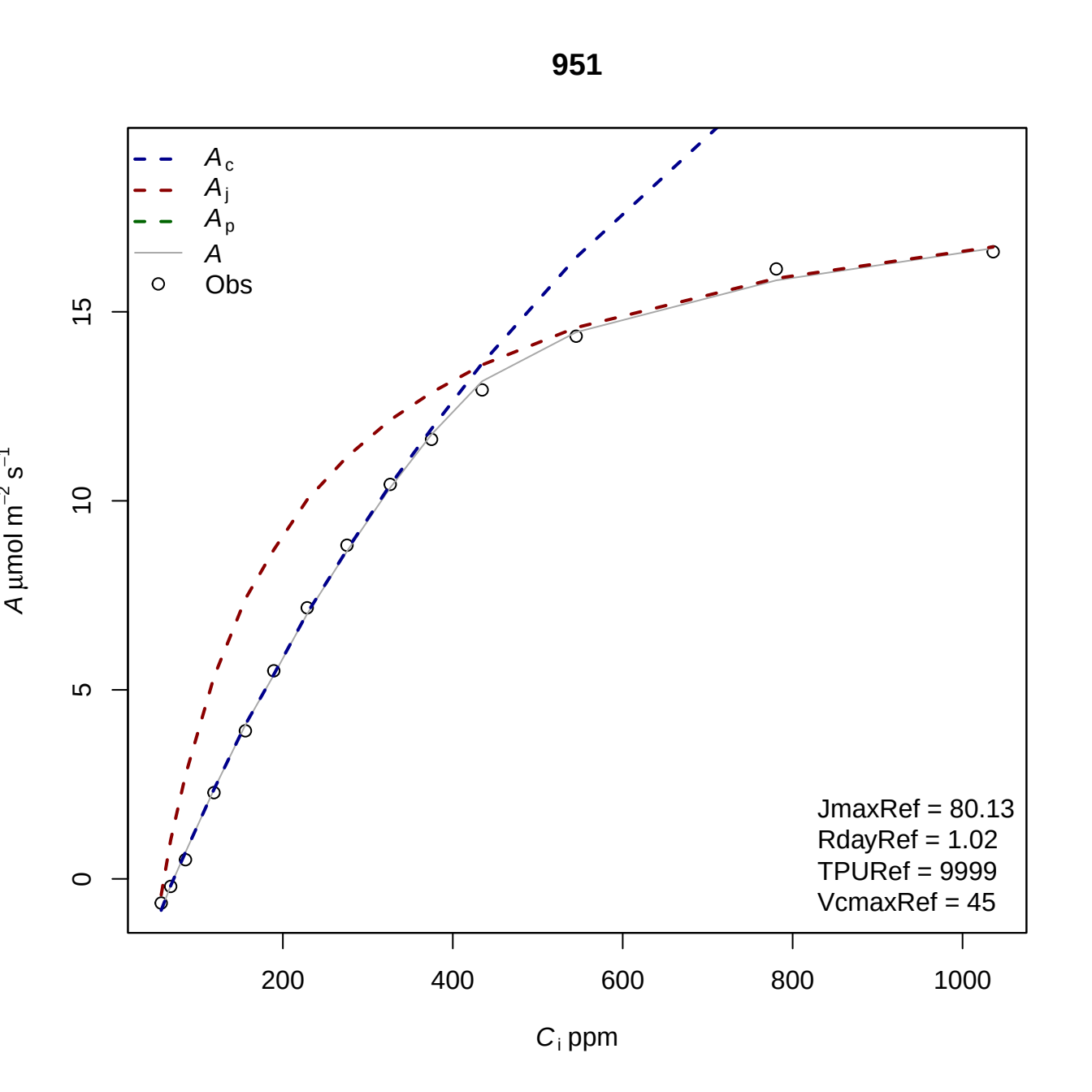

946
A_c
A_j
A_p
A
Obs
JmaxRef = 118.63
RdayRef = 0.89
TPURef = 9999
VcmaxRef = 62.11
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000

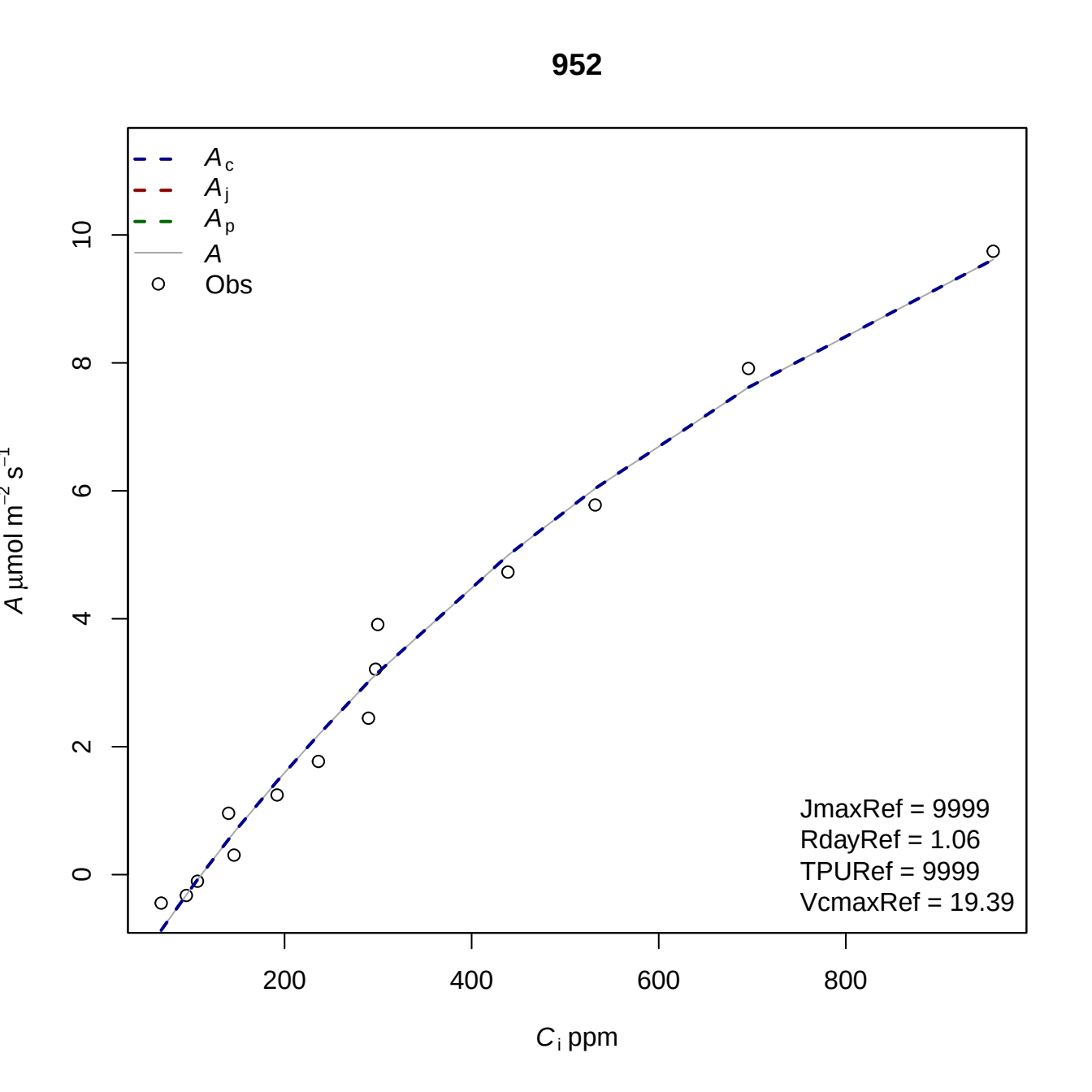

947
A_c
A_j
A_p
A
Obs
JmaxRef = 63.71
RdayRef = 0.96
TPURef = 9999
VcmaxRef = 33.89
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

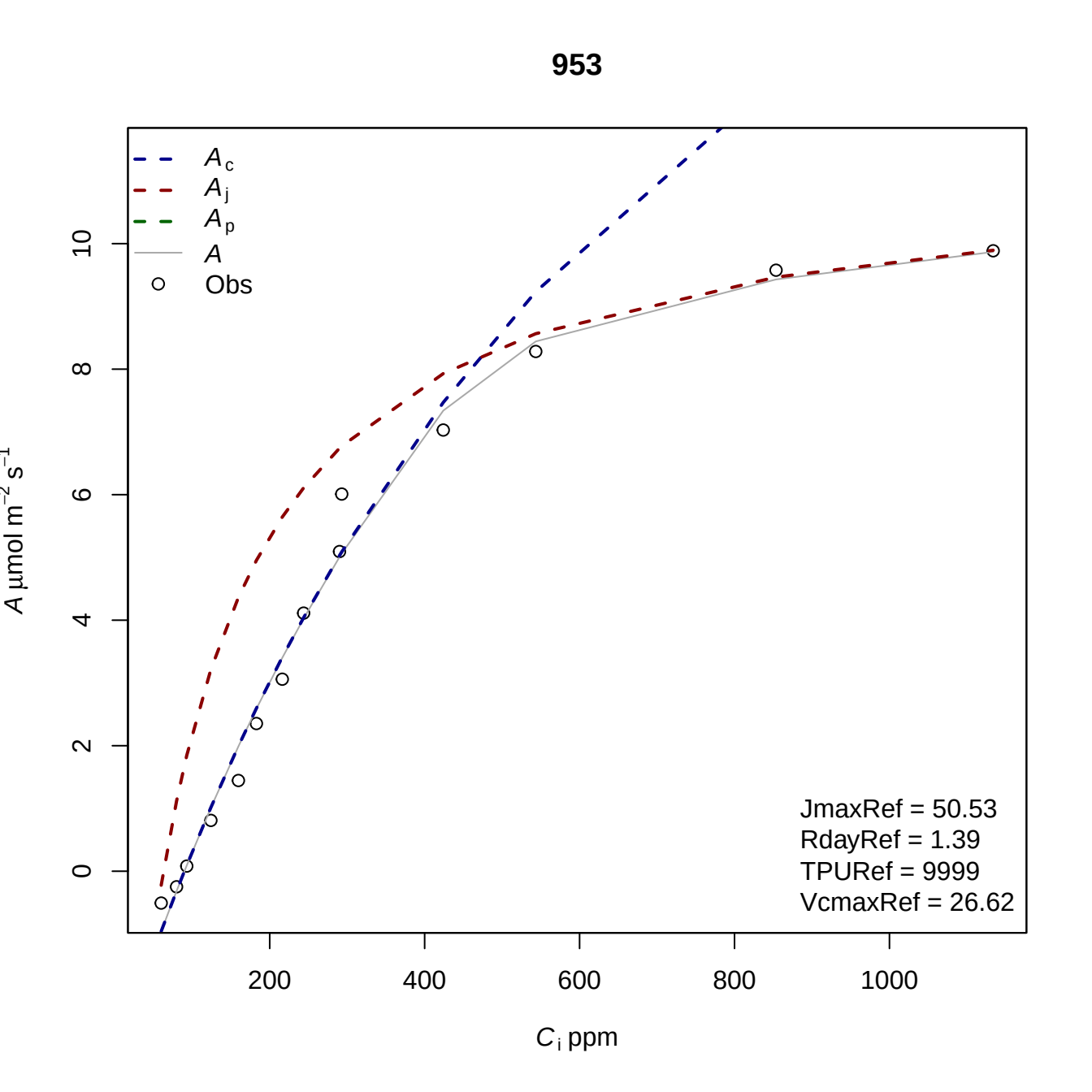

948
A_c
A_j
A_p
A
Obs
JmaxRef = 82.23
RdayRef = 1.2
TPURef = 9999
VcmaxRef = 41.62
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

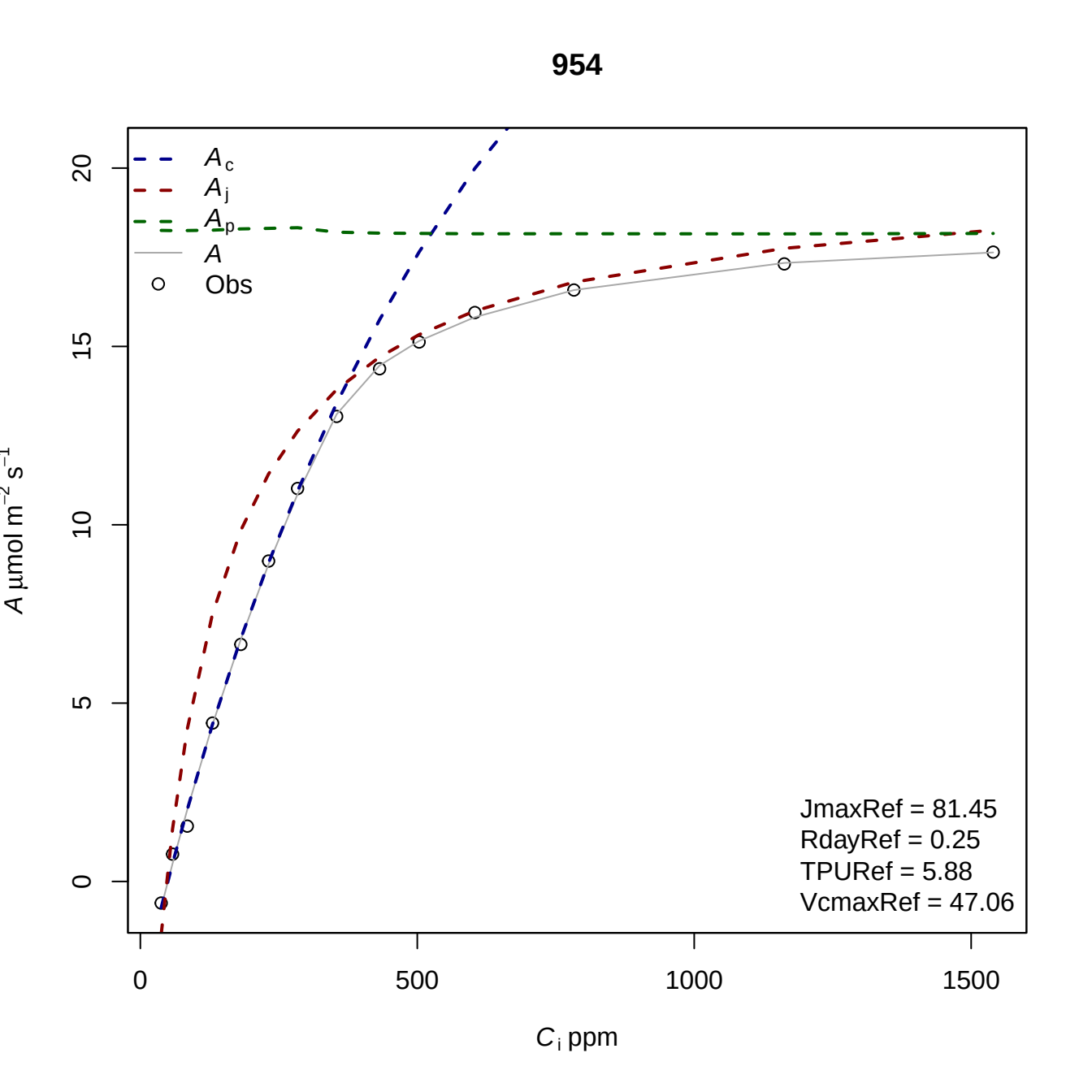

949
A_c
A_j
A_p
A
Obs
JmaxRef = 53.15
RdayRef = −0.2
TPURef = 9999
VcmaxRef = 28.67
A µmol m^{-2} s^{-1}
0
5
10
0
500
1000
1500
C_i ppm

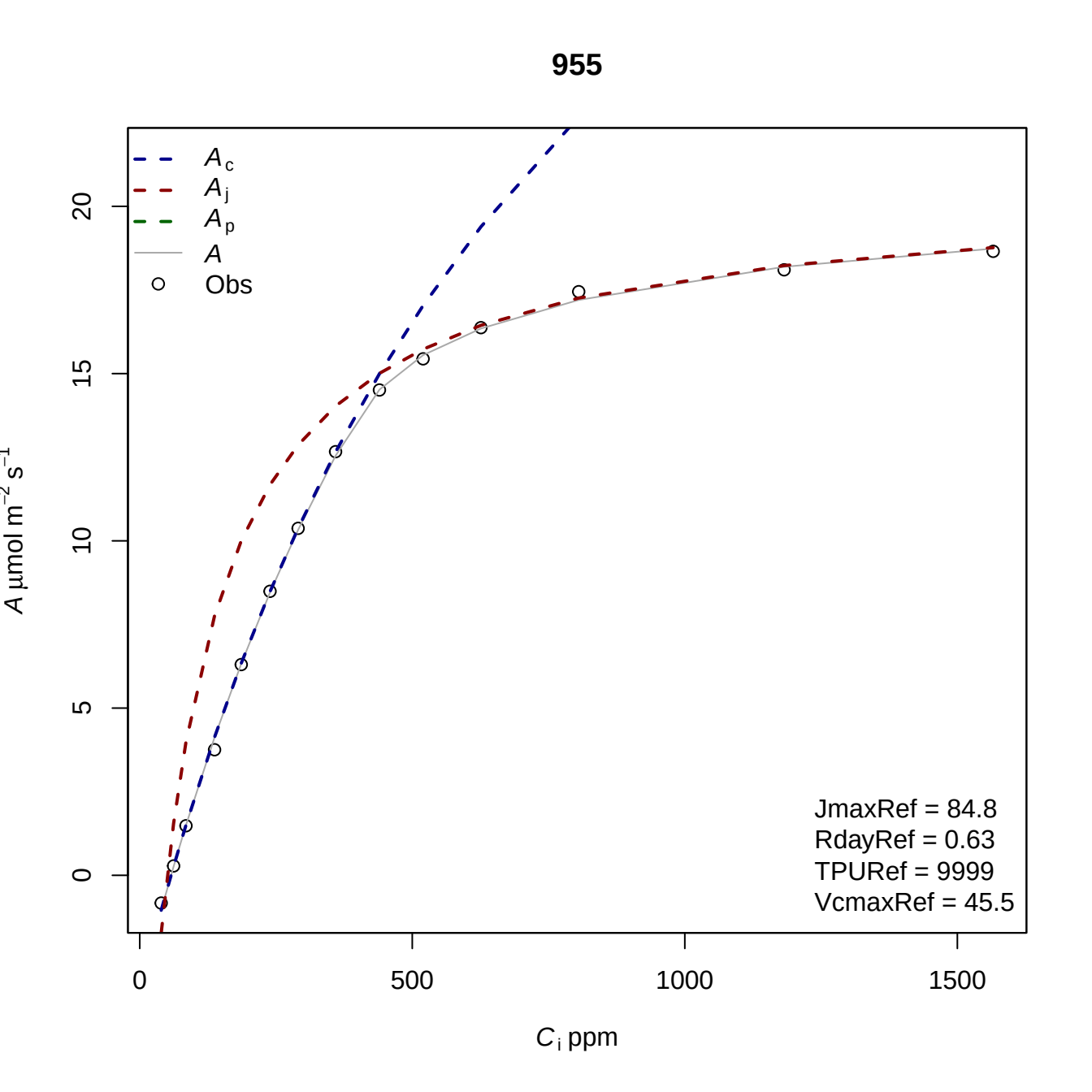

950
A_c
A_j
A_p
A
Obs
JmaxRef = 61.47
RdayRef = 1.81
TPURef = 9999
VcmaxRef = 22.79
A µmol m^{-2} s^{-1}
0
5
10
200
400
600
800
1000
1200
C_i ppm

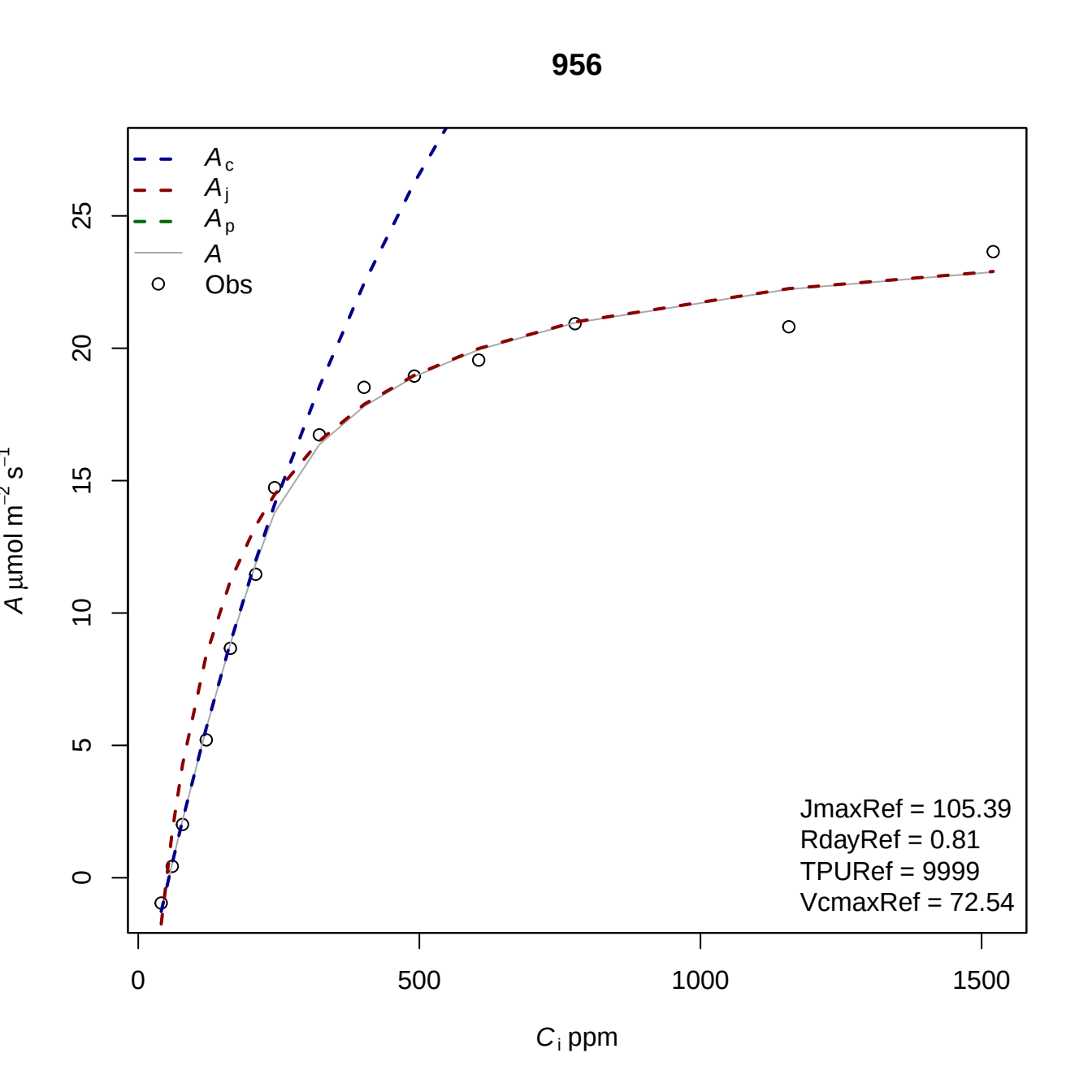

951
A_c
A_j
A_p
A
Obs
JmaxRef = 80.13
RdayRef = 1.02
TPURef = 9999
VcmaxRef = 45
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000

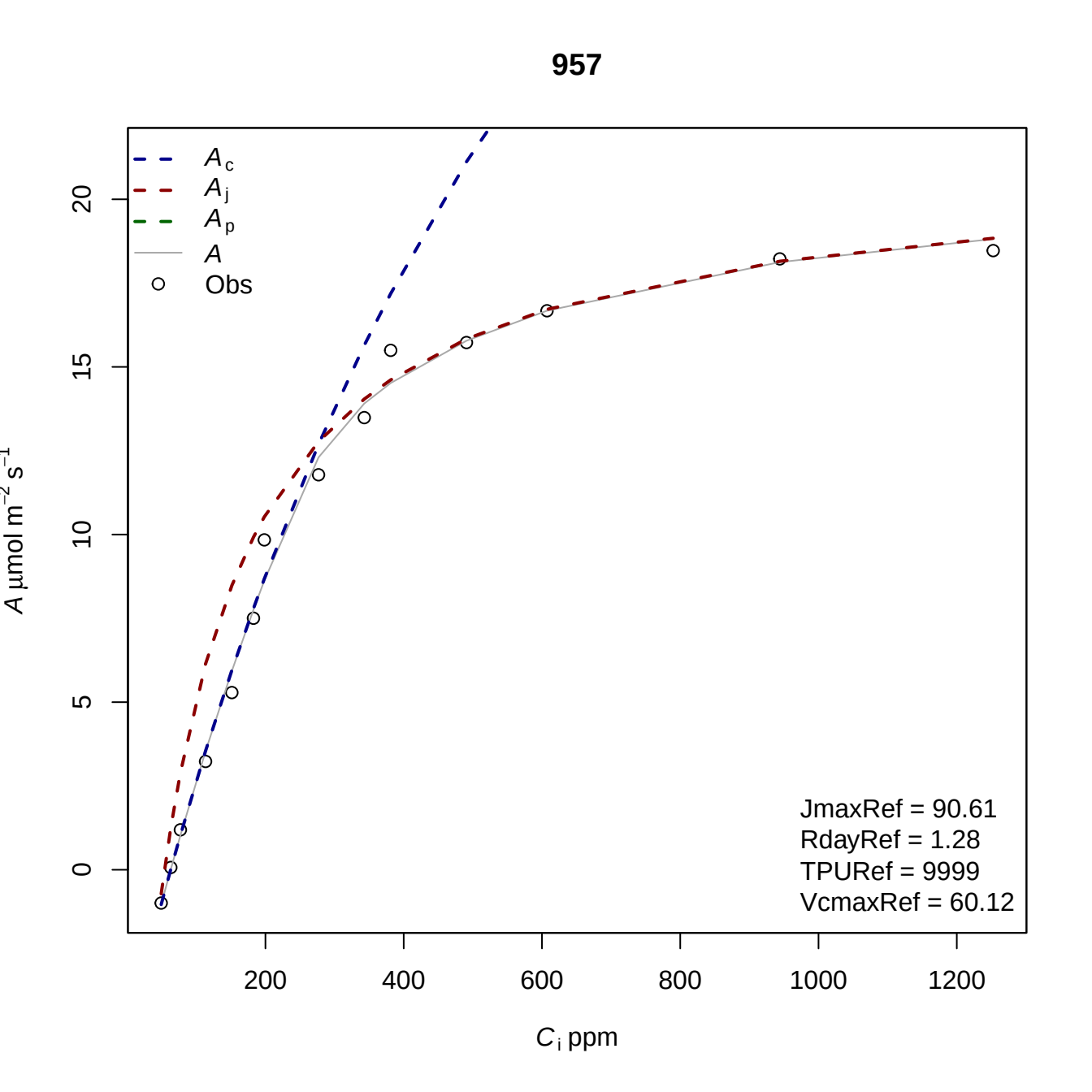

952
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.06
TPURef = 9999
VcmaxRef = 19.39
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800

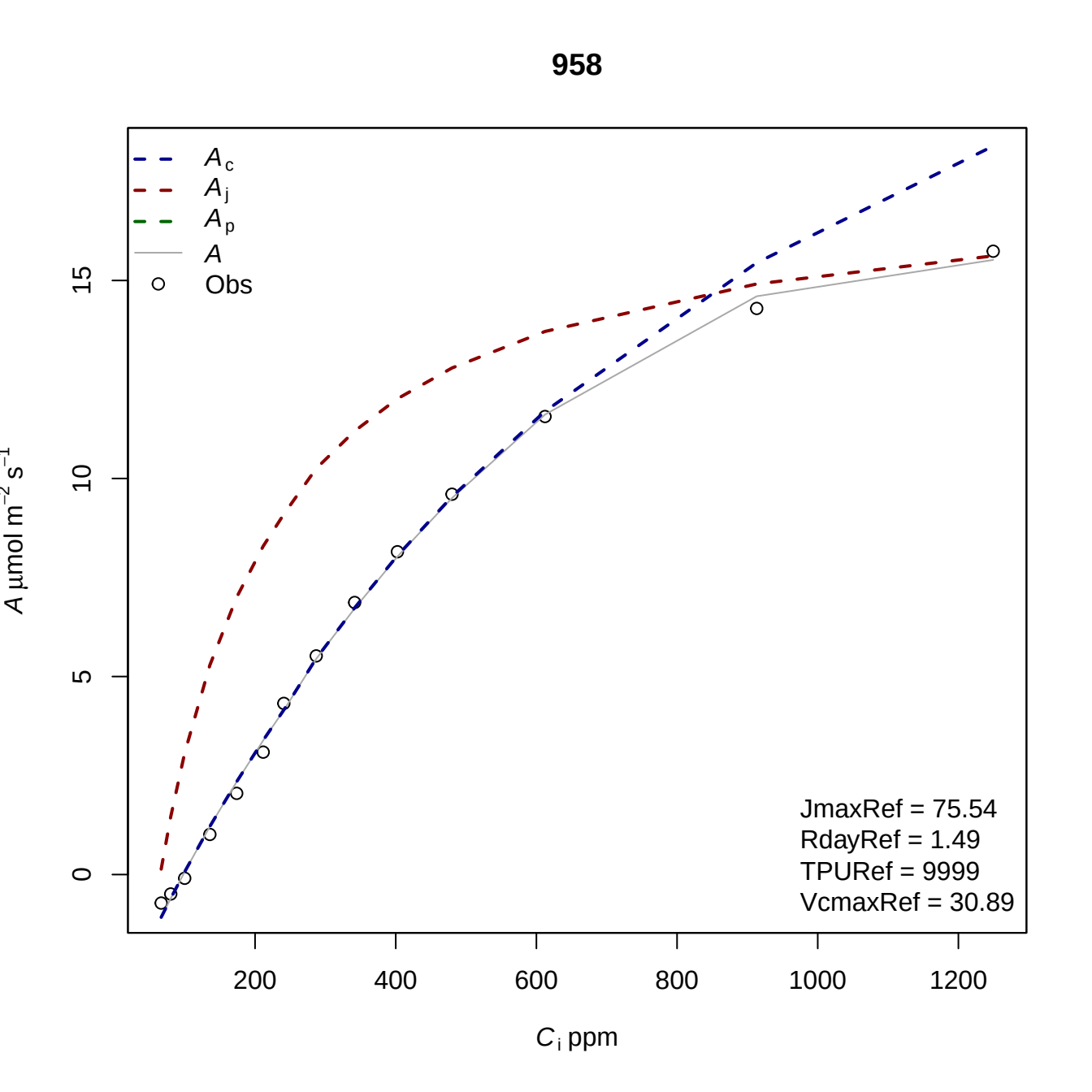

953
A_c
A_j
A_p
A
Obs
JmaxRef = 50.53
RdayRef = 1.39
TPURef = 9999
VcmaxRef = 26.62
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000

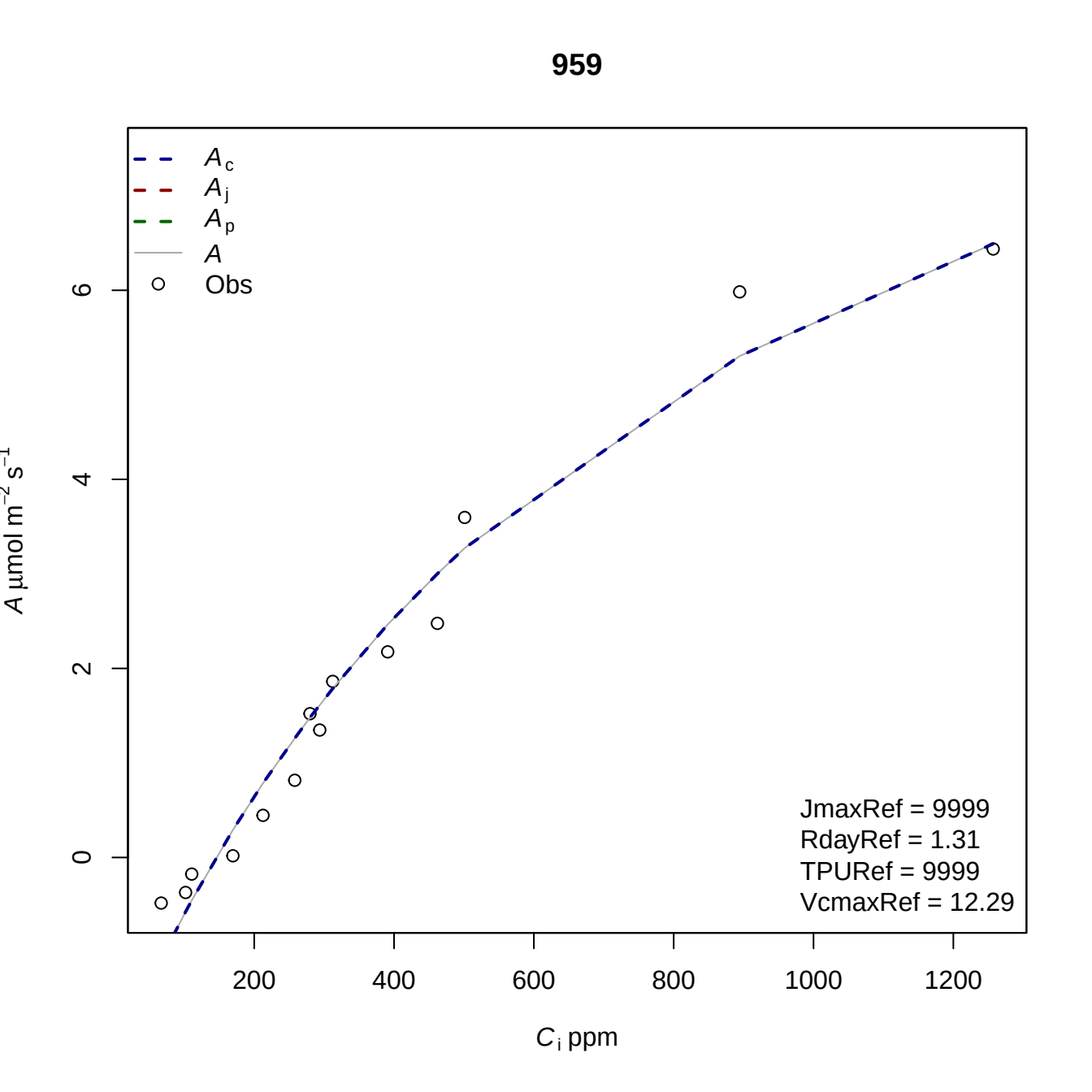

954
A_c
A_j
A_p
A
Obs
JmaxRef = 81.45
RdayRef = 0.25
TPURef = 5.88
VcmaxRef = 47.06
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

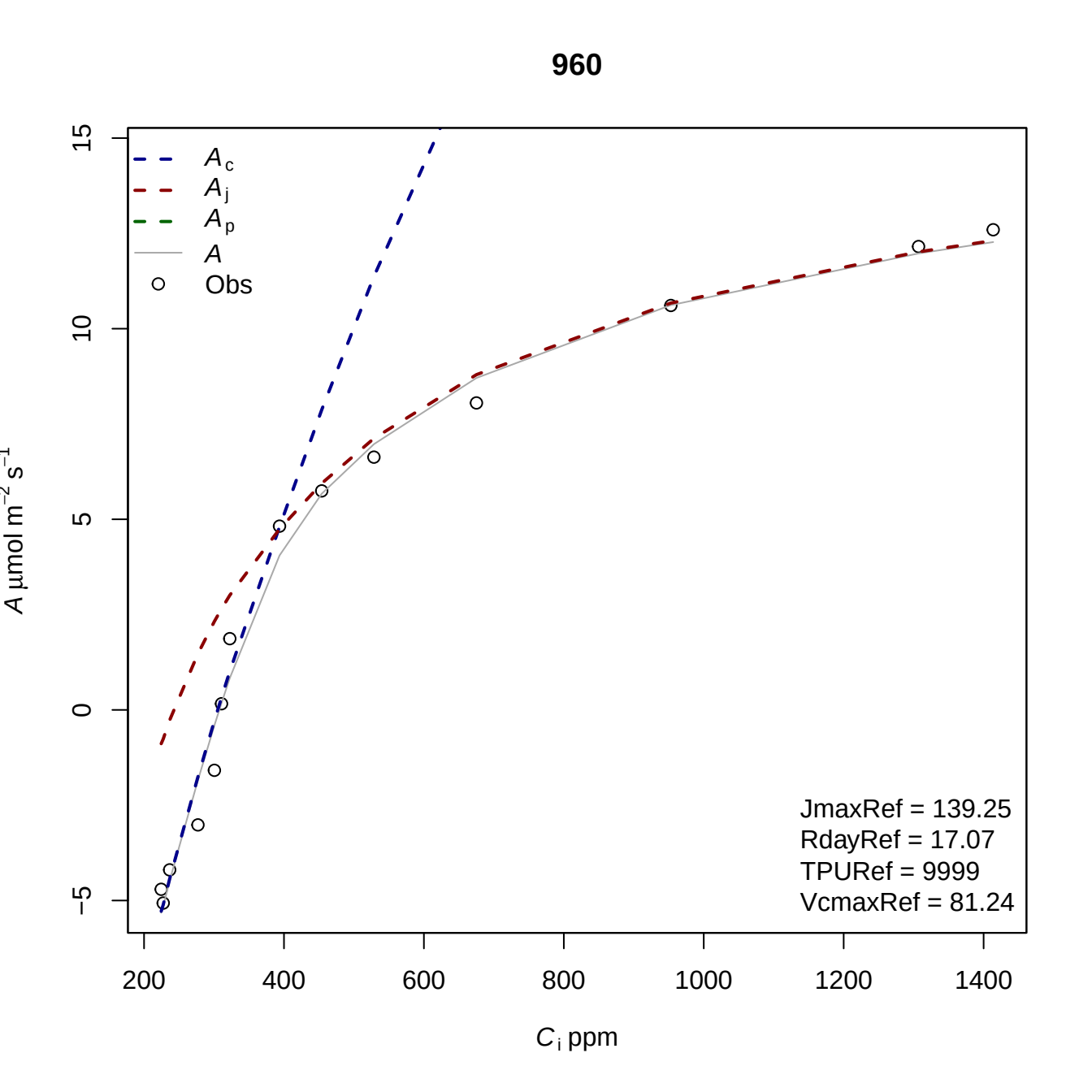

955
A_c
A_j
A_p
A
Obs
JmaxRef = 84.8
RdayRef = 0.63
TPURef = 9999
VcmaxRef = 45.5
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

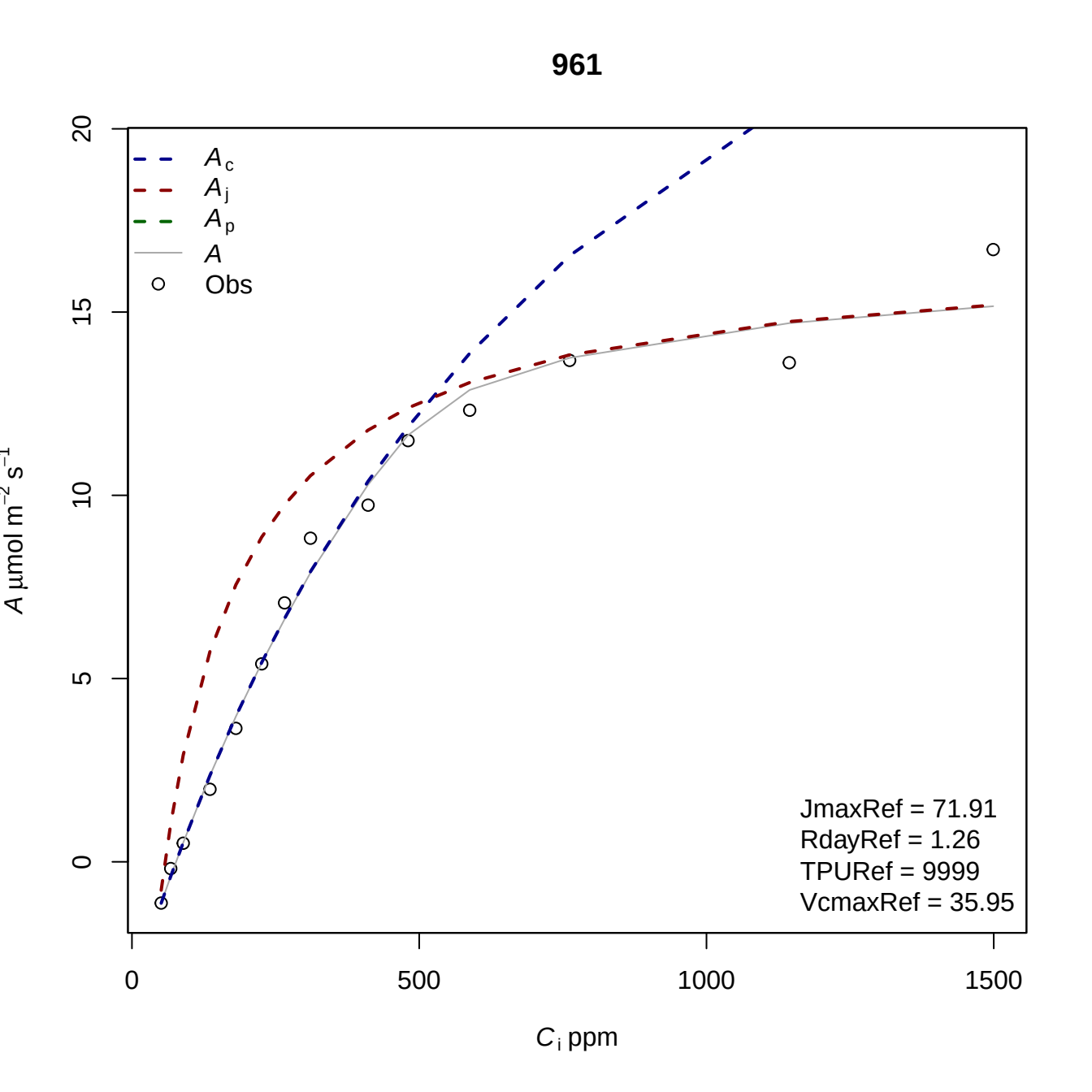

956
A_c
A_j
A_p
A
Obs
JmaxRef = 105.39
RdayRef = 0.81
TPURef = 9999
VcmaxRef = 72.54
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

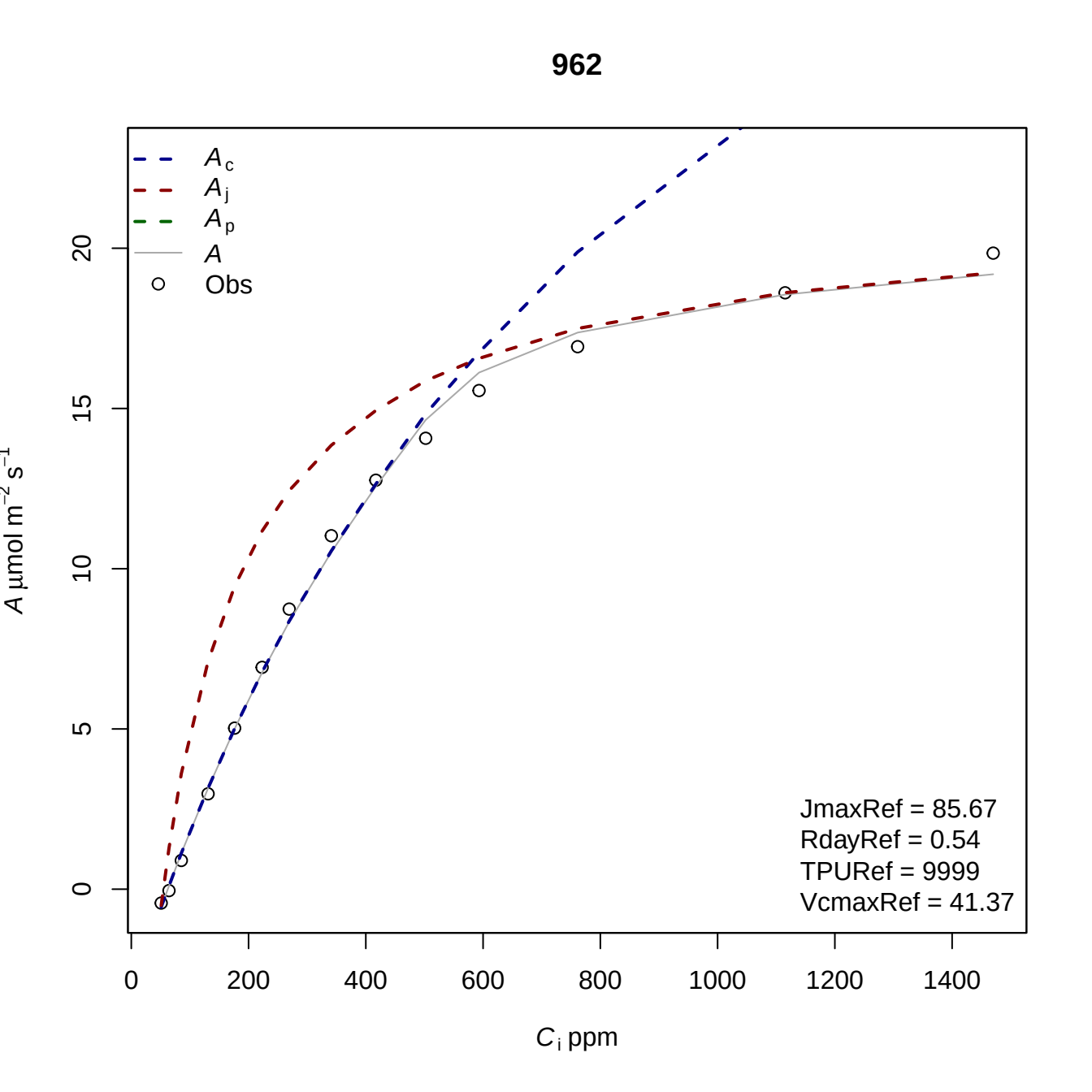

957
A_c
A_j
A_p
A
Obs
JmaxRef = 90.61
RdayRef = 1.28
TPURef = 9999
VcmaxRef = 60.12
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

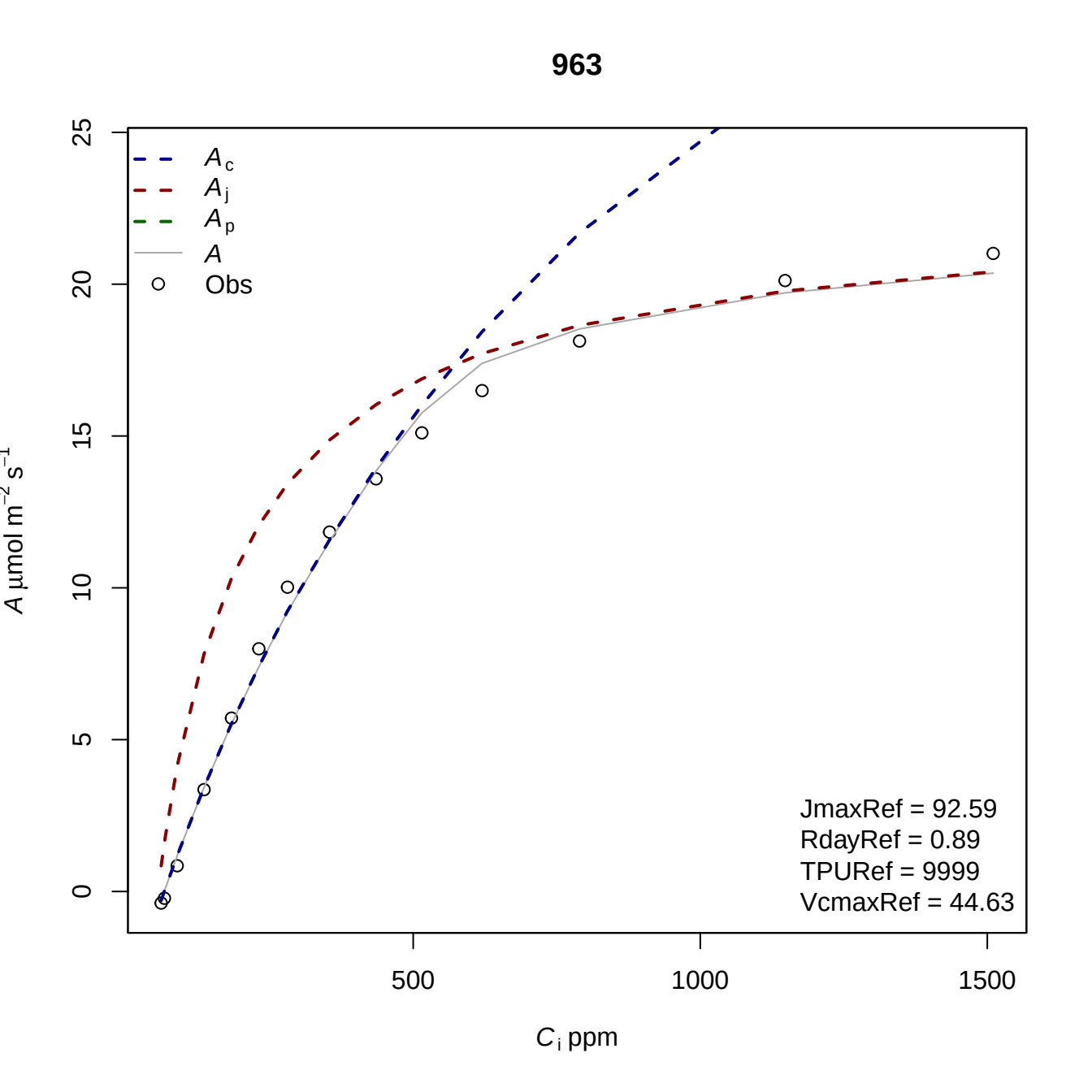

958
A_c
A_j
A_p
A
Obs
JmaxRef = 75.54
RdayRef = 1.49
TPURef = 9999
VcmaxRef = 30.89
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

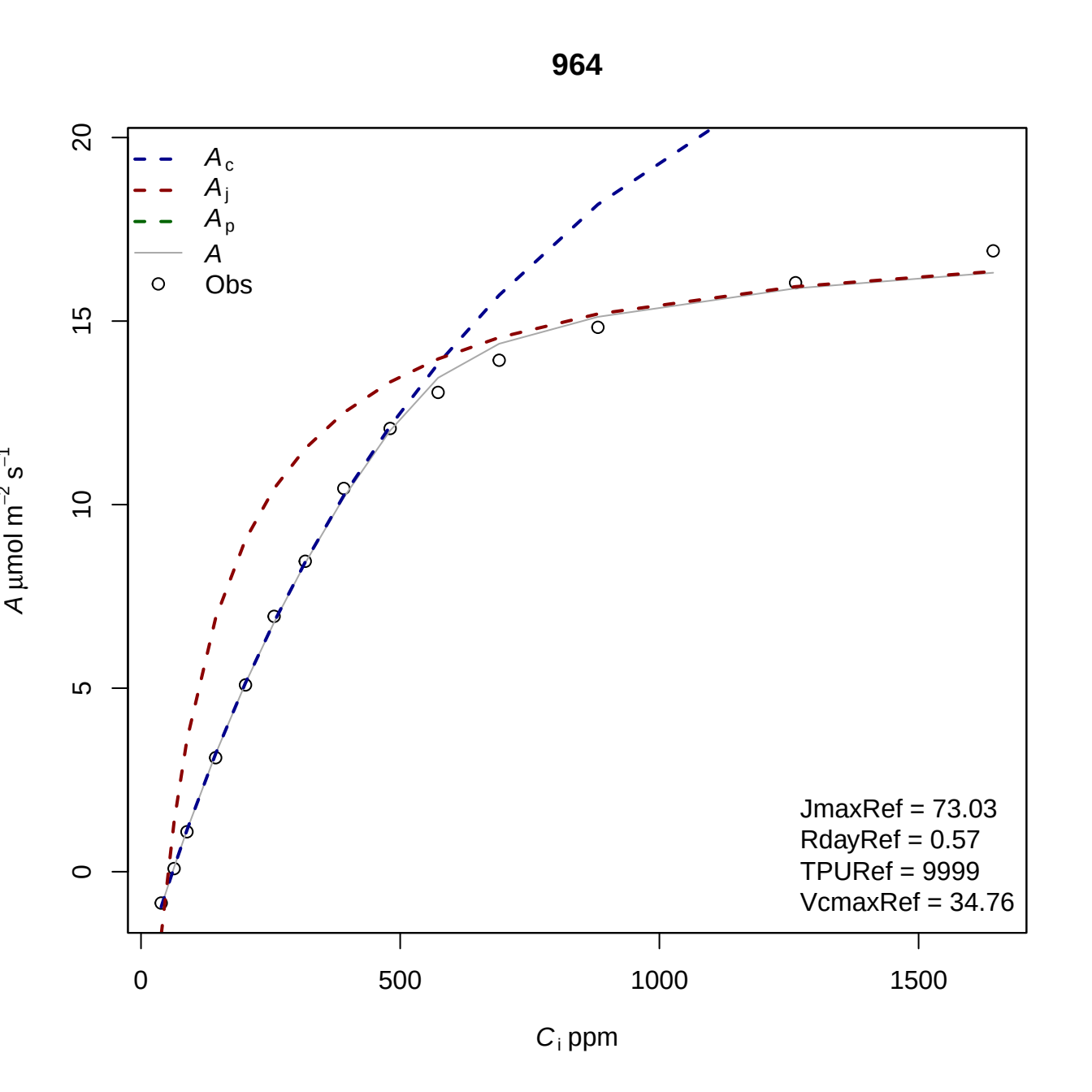

959
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.31
TPURef = 9999
VcmaxRef = 12.29
A µmol m^{-2} s^{-1}
0
2
4
6
200
400
600
800
1000
1200
C_i ppm

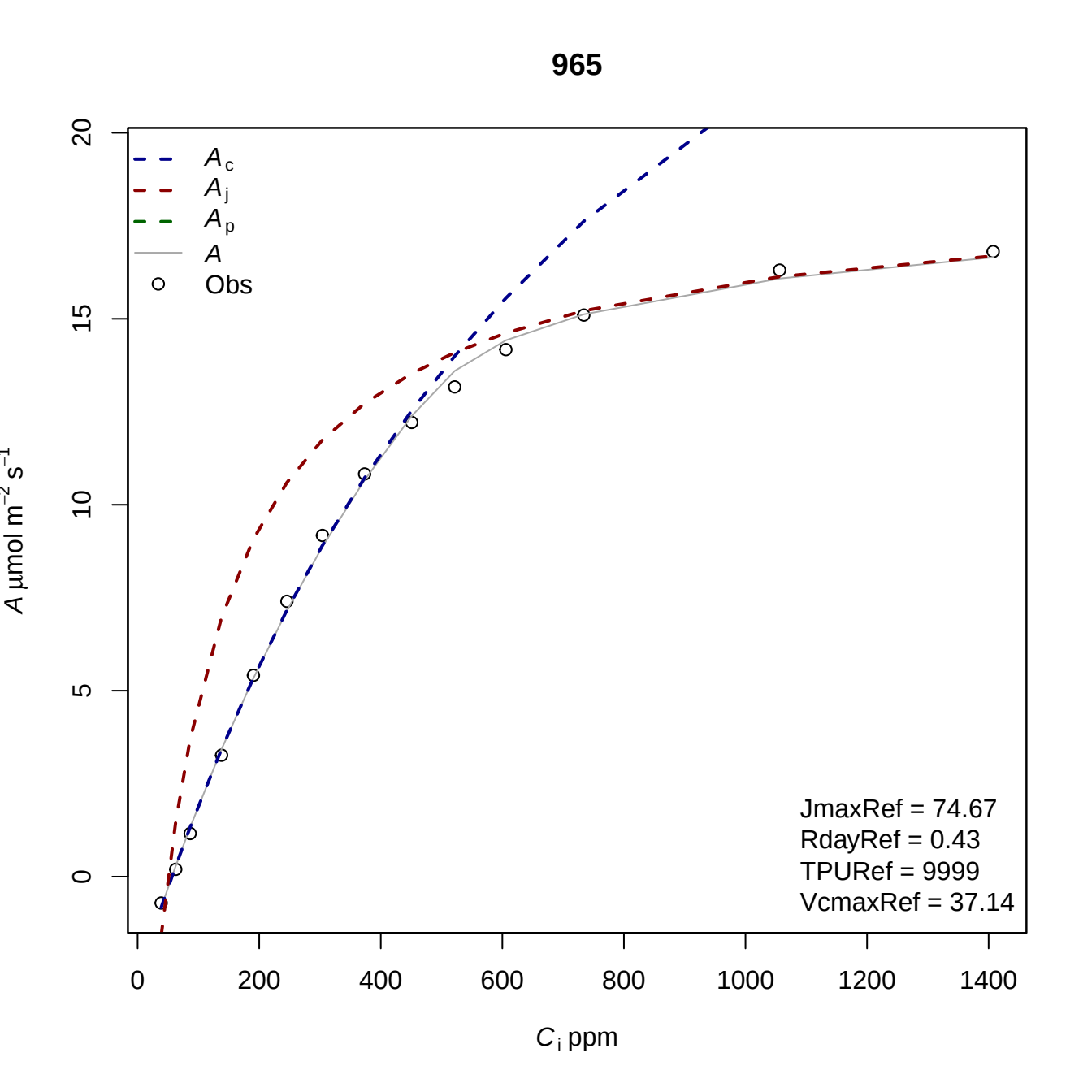

960
A_c
A_j
A_p
A
Obs
JmaxRef = 139.25
RdayRef = 17.07
TPURef = 9999
VcmaxRef = 81.24
A µmol m^{-2} s^{-1}
C_i ppm
15
10
5
0
−5
200
400
600
800
1000
1200
1400

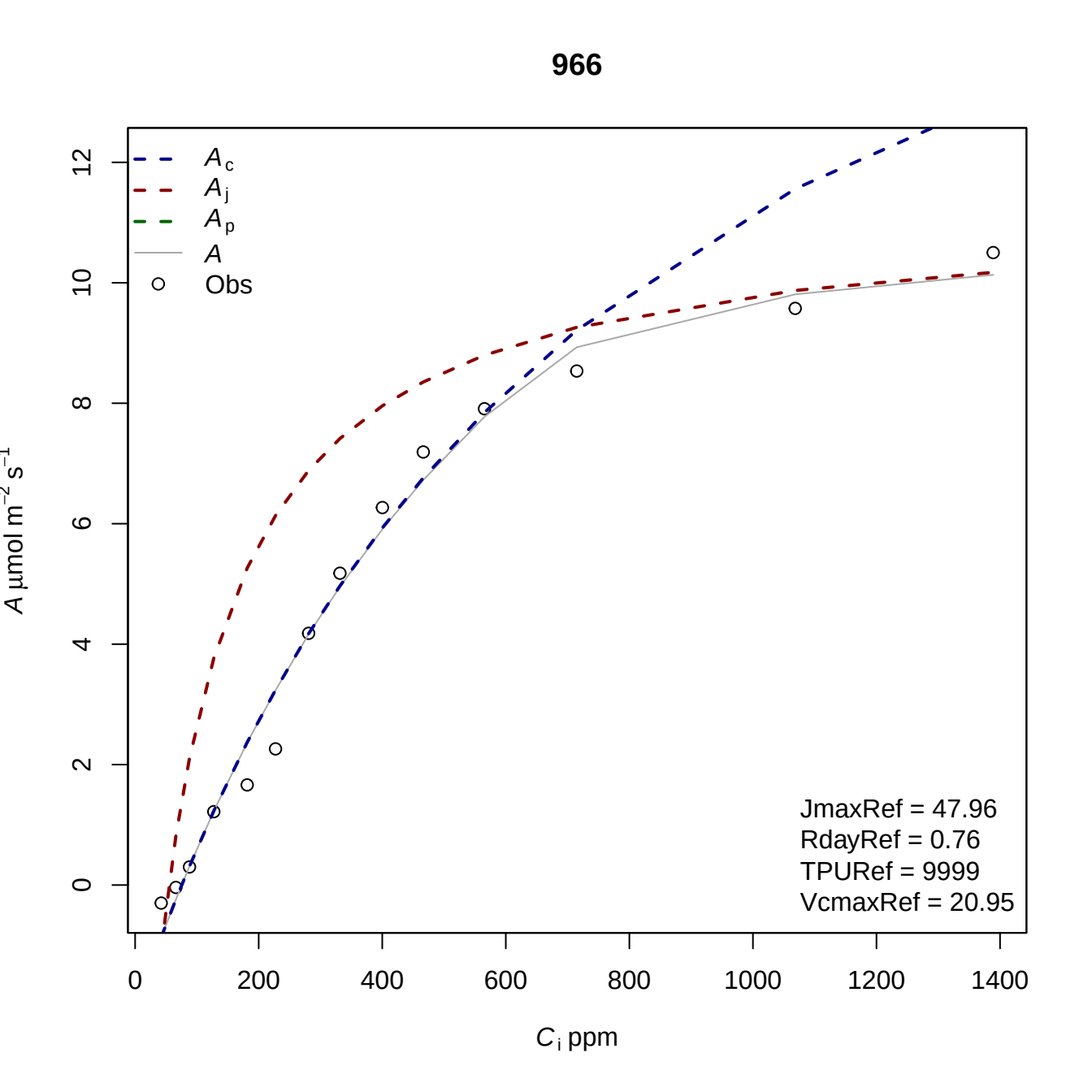

961
A_c
A_j
A_p
A
Obs
JmaxRef = 71.91
RdayRef = 1.26
TPURef = 9999
VcmaxRef = 35.95
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

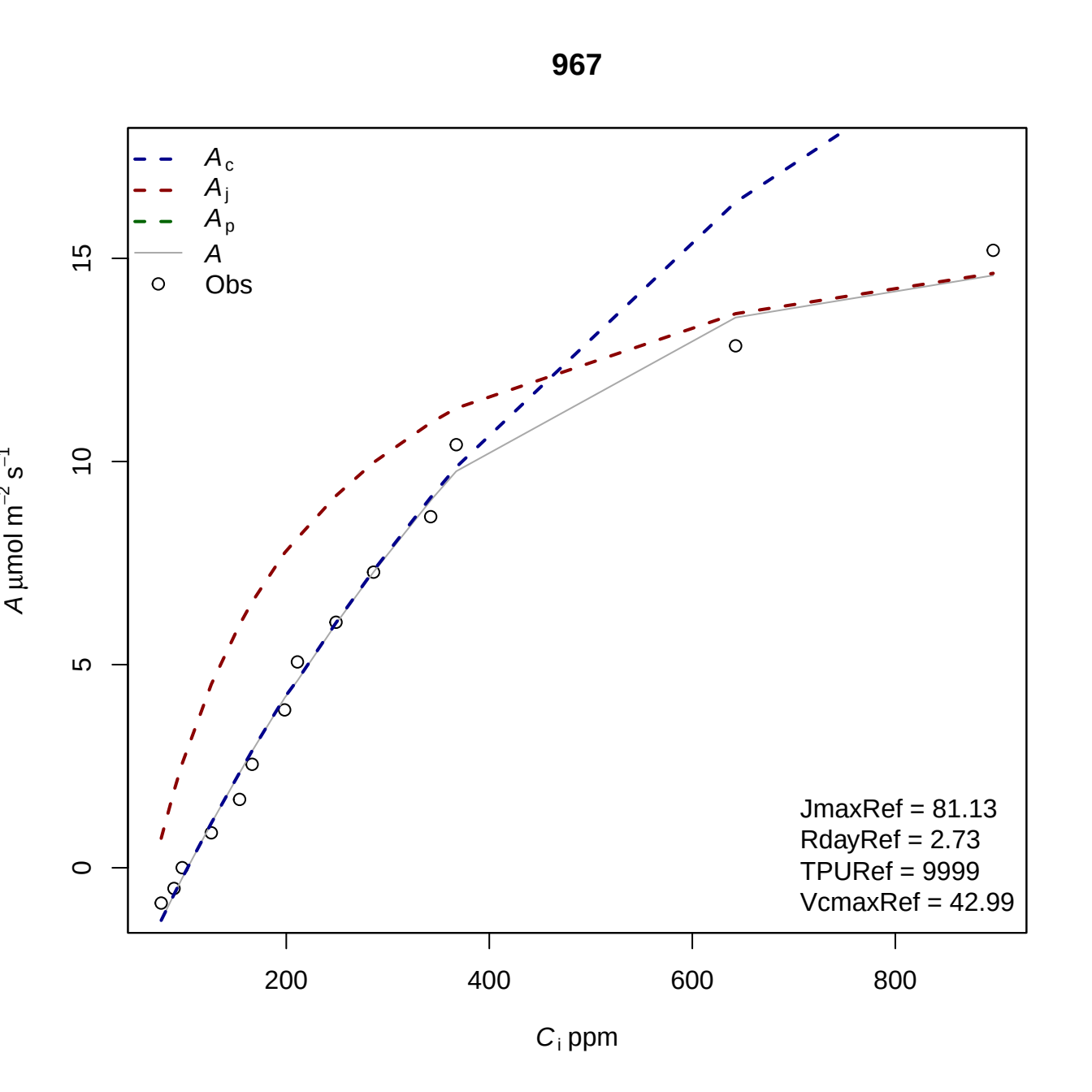

962
A_c
A_j
A_p
A
Obs
JmaxRef = 85.67
RdayRef = 0.54
TPURef = 9999
VcmaxRef = 41.37
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

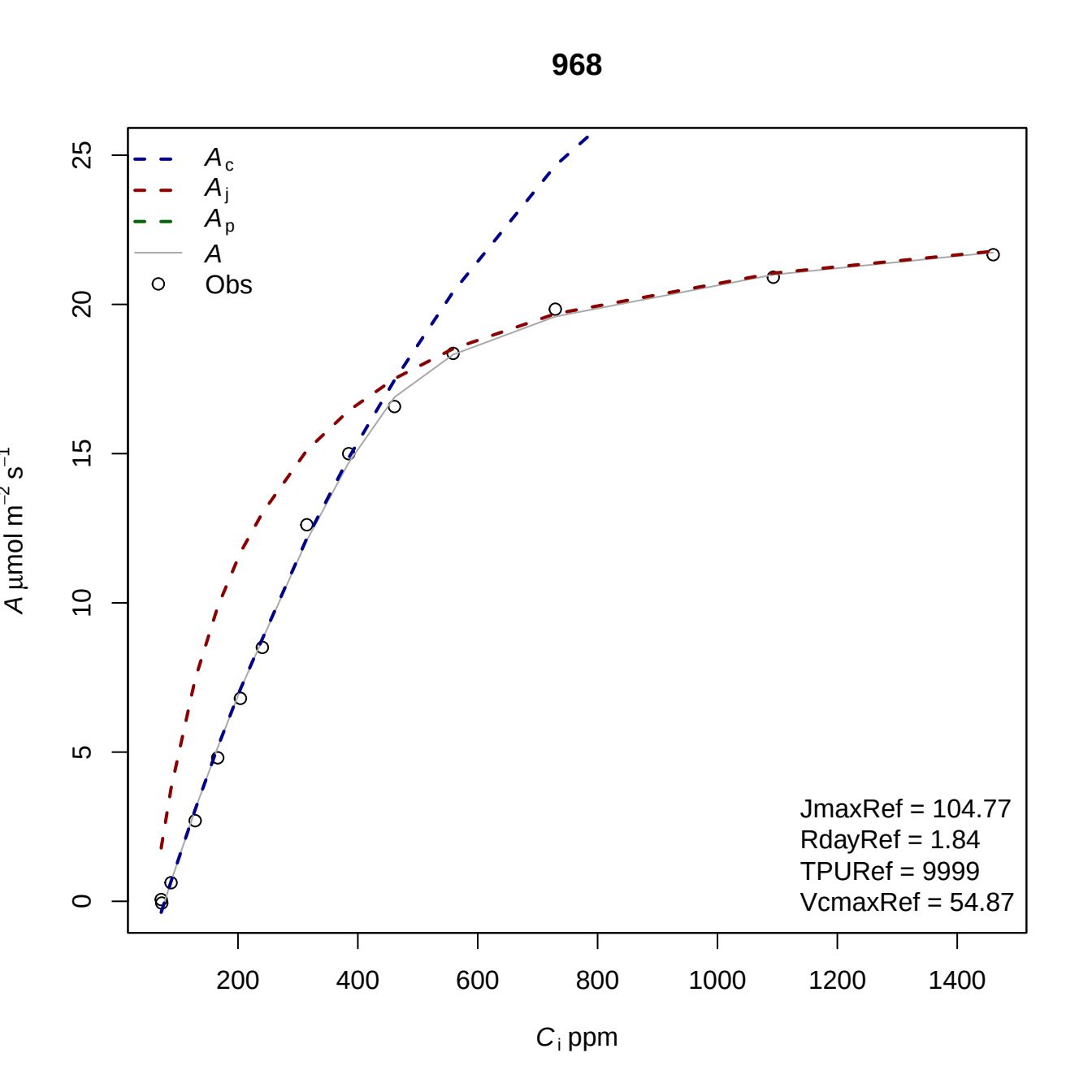

963
A_c
A_j
A_p
A
Obs
JmaxRef = 92.59
RdayRef = 0.89
TPURef = 9999
VcmaxRef = 44.63
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
500
1000
1500

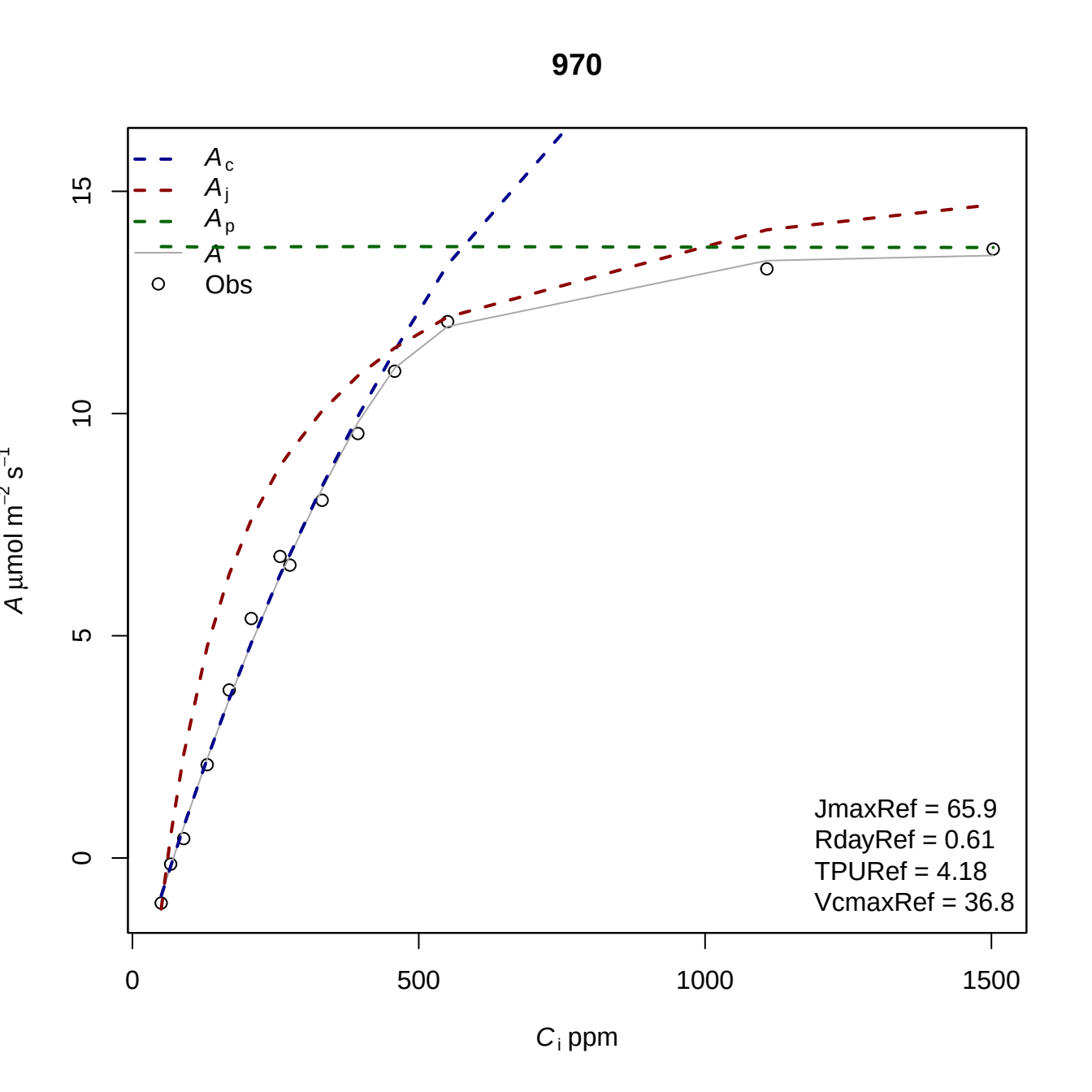

964
A_c
A_j
A_p
A
Obs
JmaxRef = 73.03
RdayRef = 0.57
TPURef = 9999
VcmaxRef = 34.76
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

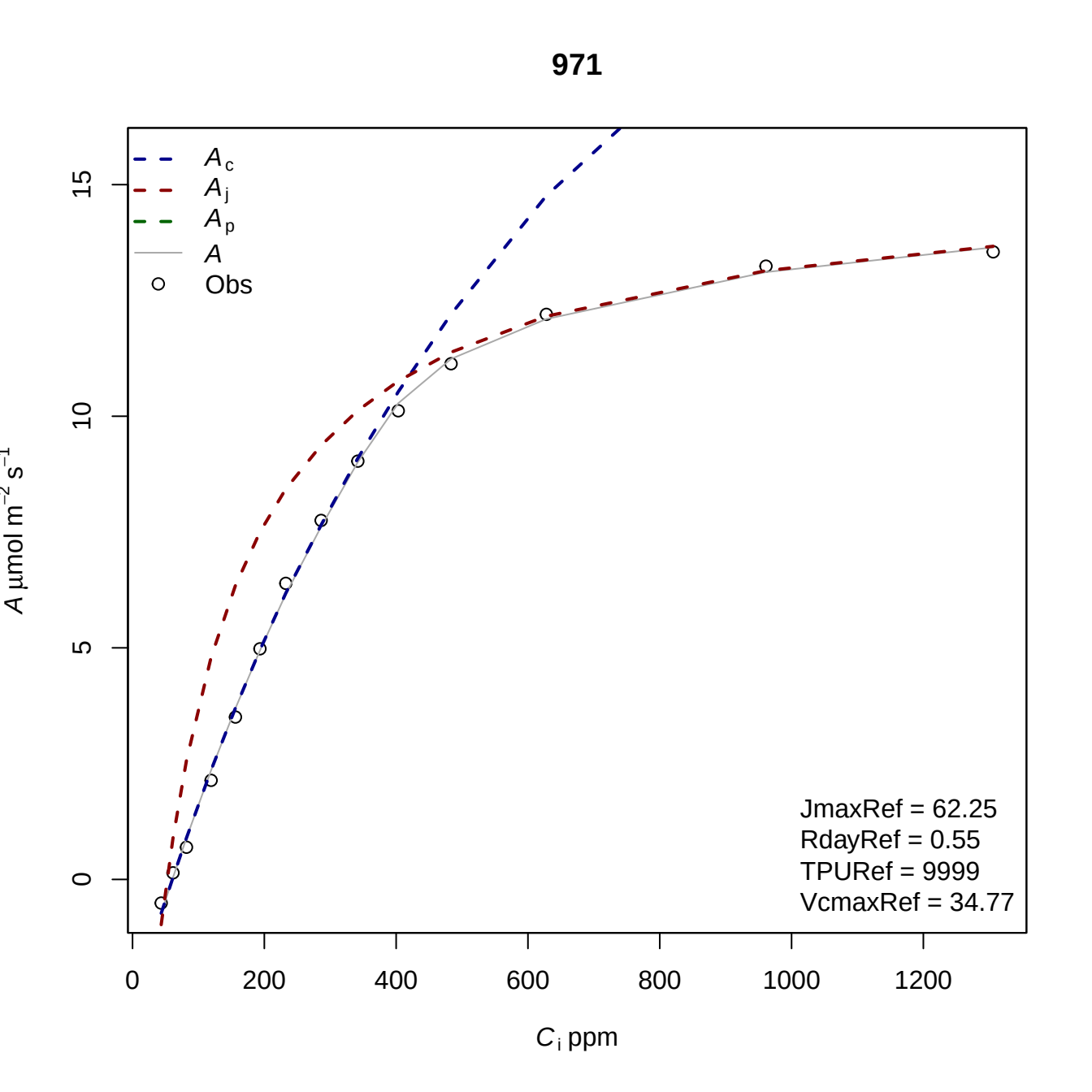

965
A_c
A_j
A_p
A
Obs
JmaxRef = 74.67
RdayRef = 0.43
TPURef = 9999
VcmaxRef = 37.14
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

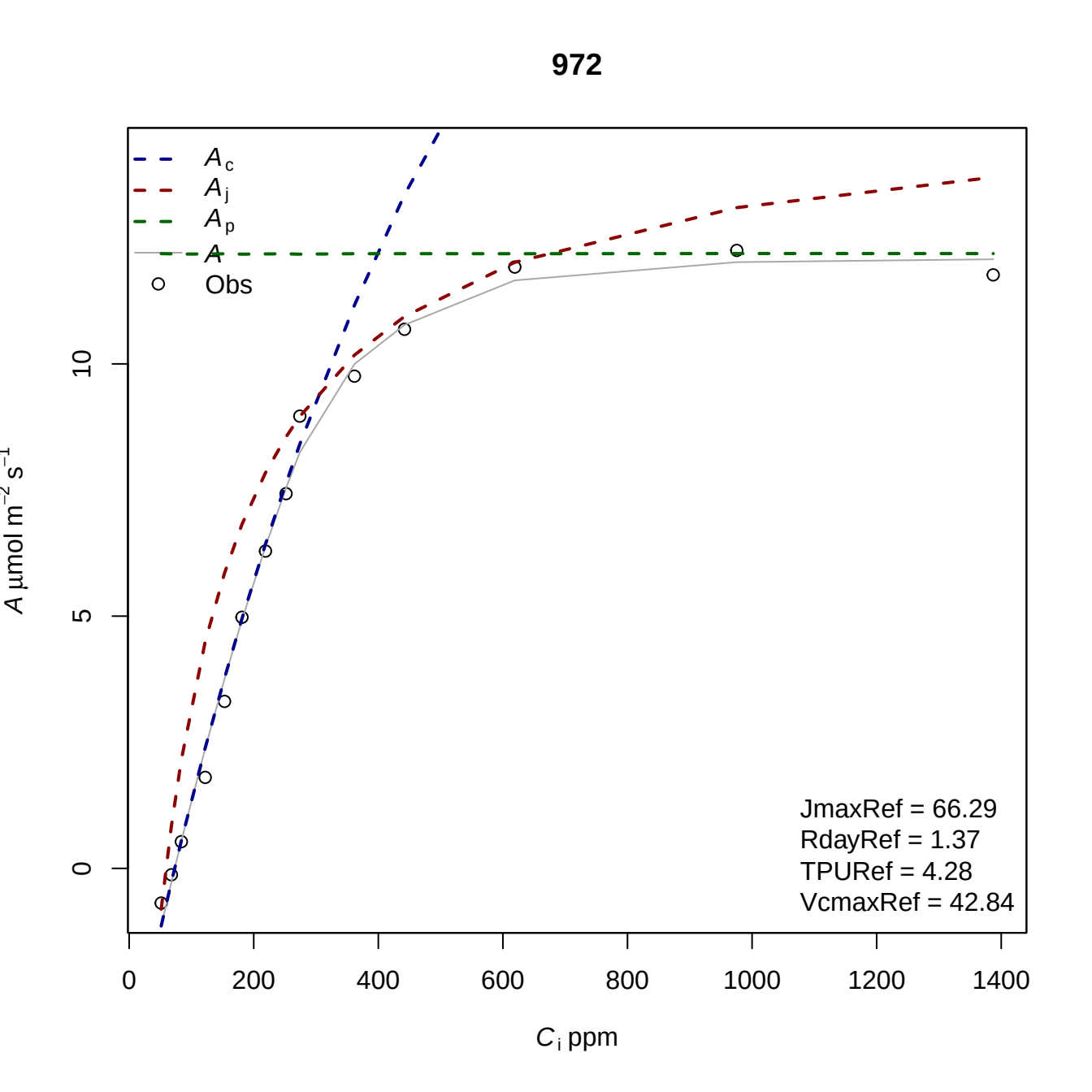

966
A_c
A_j
A_p
A
Obs
JmaxRef = 47.96
RdayRef = 0.76
TPURef = 9999
VcmaxRef = 20.95
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
0
200
400
600
800
1000
1200
1400

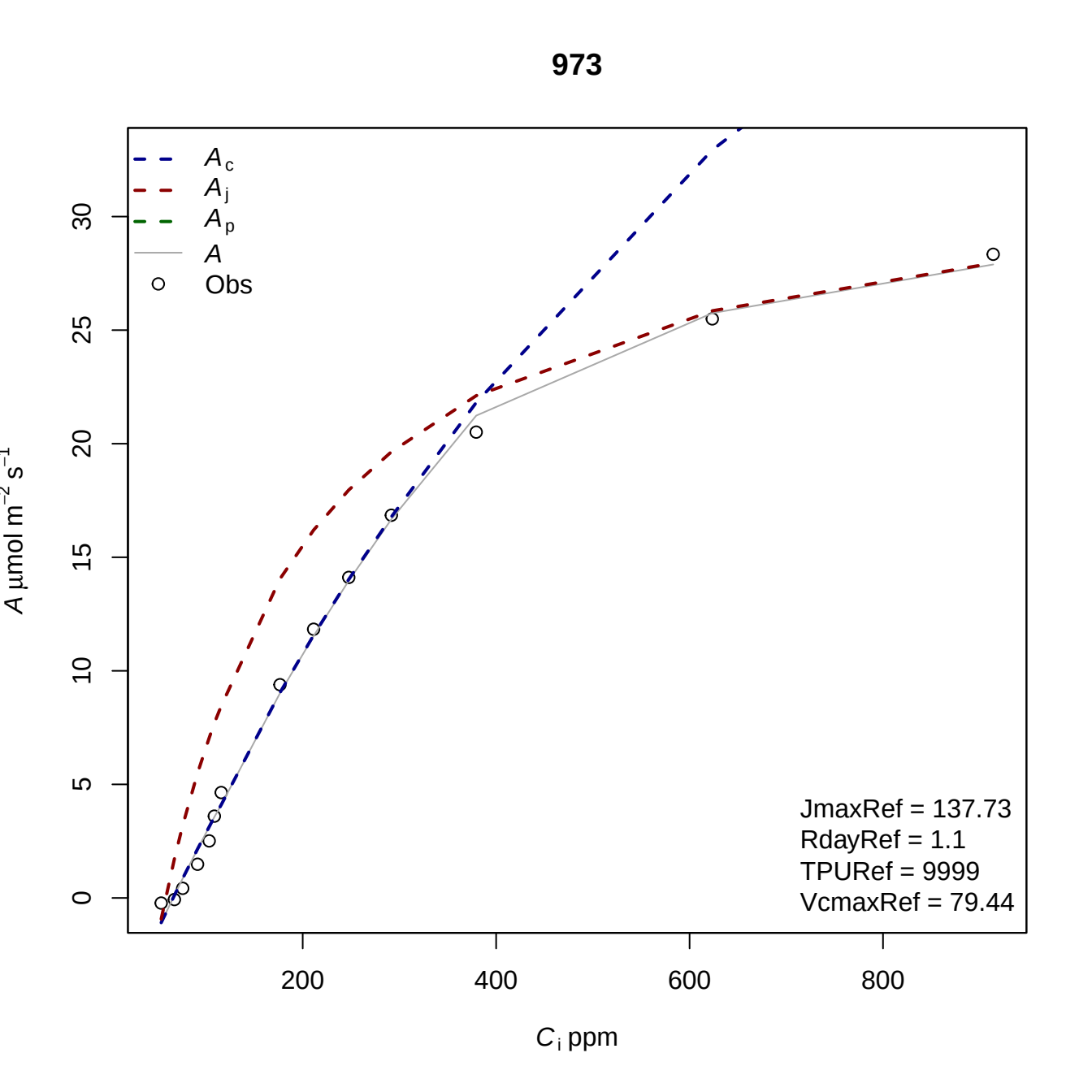

967
A_c
A_j
A_p
A
Obs
JmaxRef = 81.13
RdayRef = 2.73
TPURef = 9999
VcmaxRef = 42.99
0
5
10
15
200
400
600
800
A µmol m^{-2} s^{-1}
C_i ppm

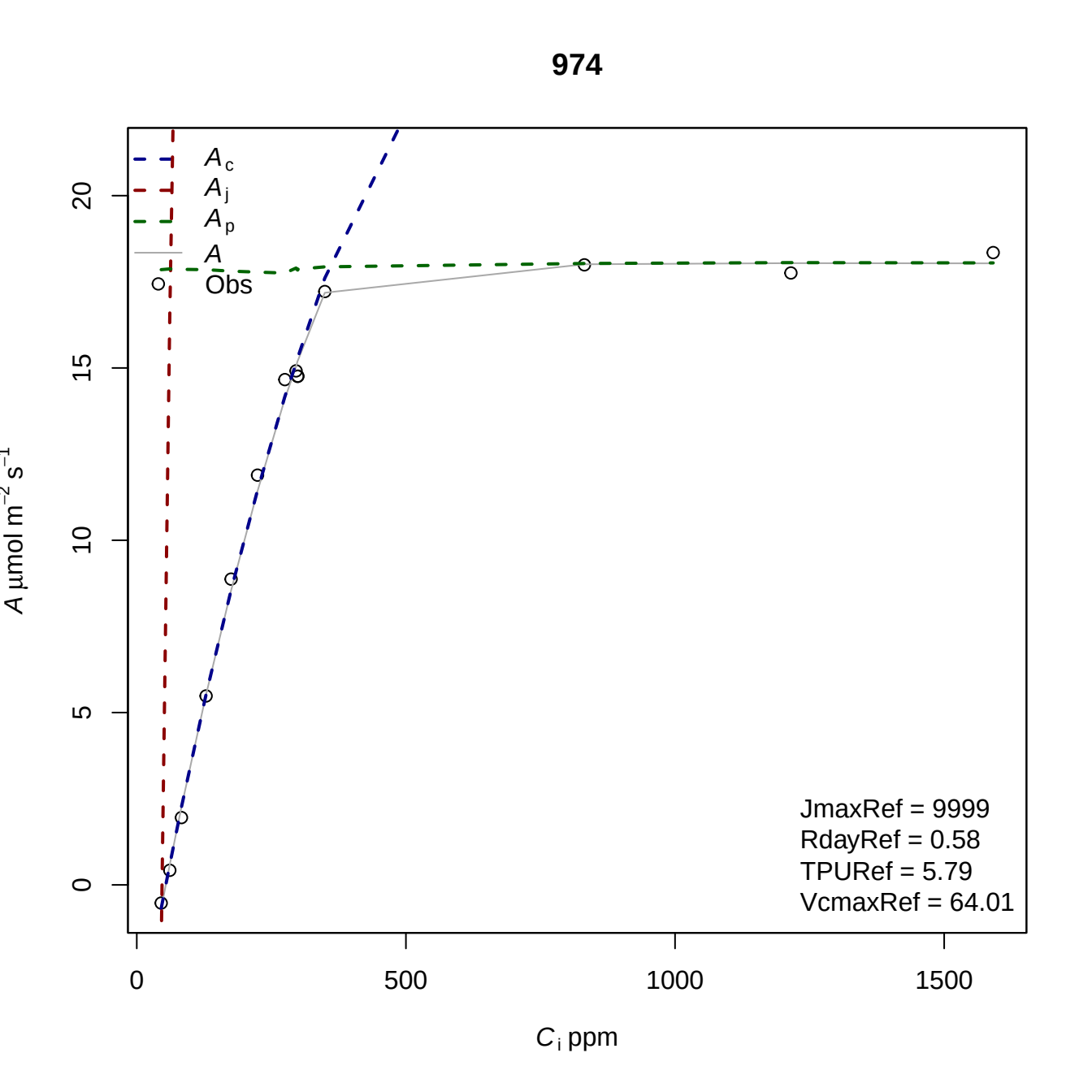

968
A_c
A_j
A_p
A
Obs
JmaxRef = 104.77
RdayRef = 1.84
TPURef = 9999
VcmaxRef = 54.87
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000
1200
1400

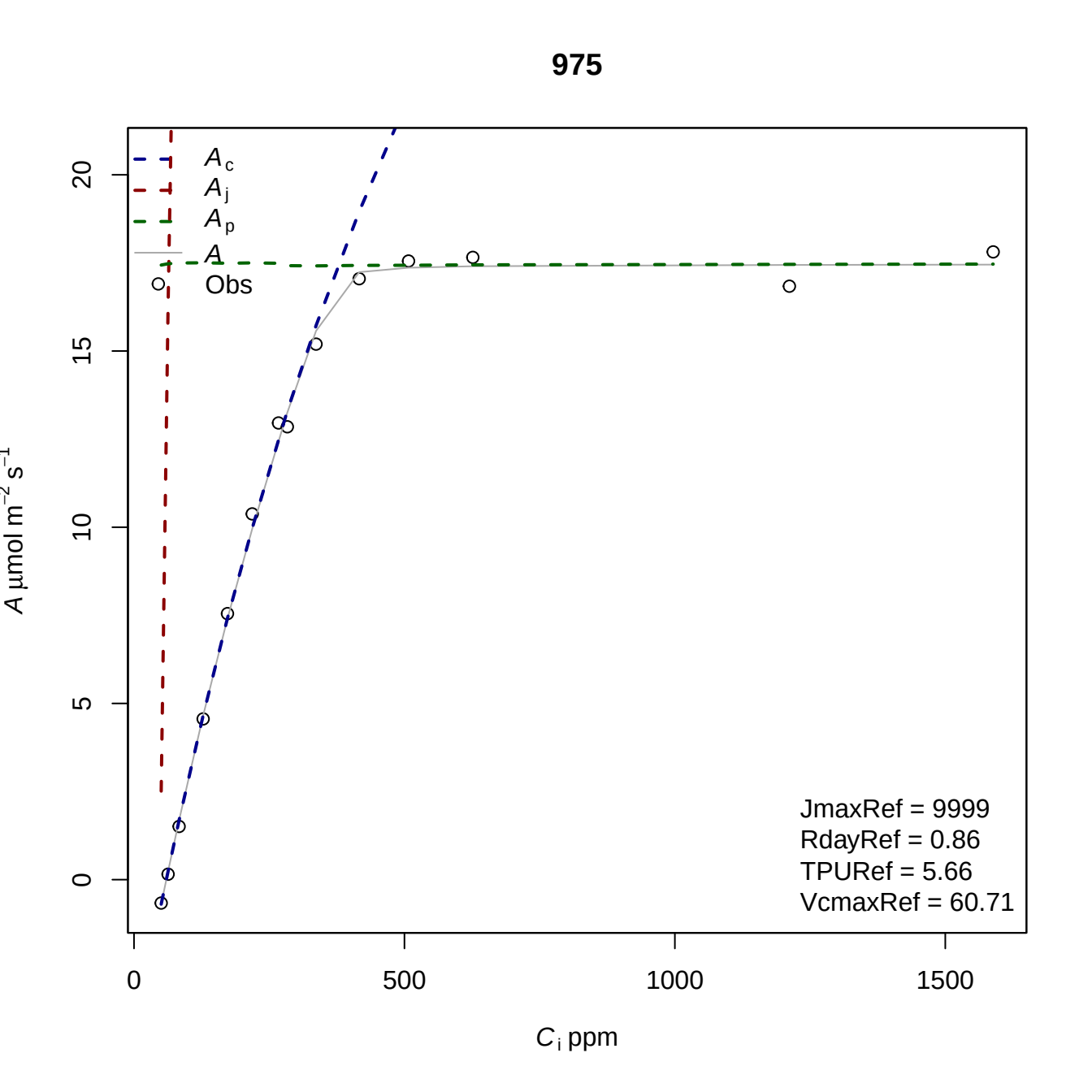

970
A_c
A_j
A_p
A
Obs
JmaxRef = 65.9
RdayRef = 0.61
TPURef = 4.18
VcmaxRef = 36.8
A µmol m^{-2} s^{-1}
0
5
10
15
0
500
1000
1500
C_i ppm

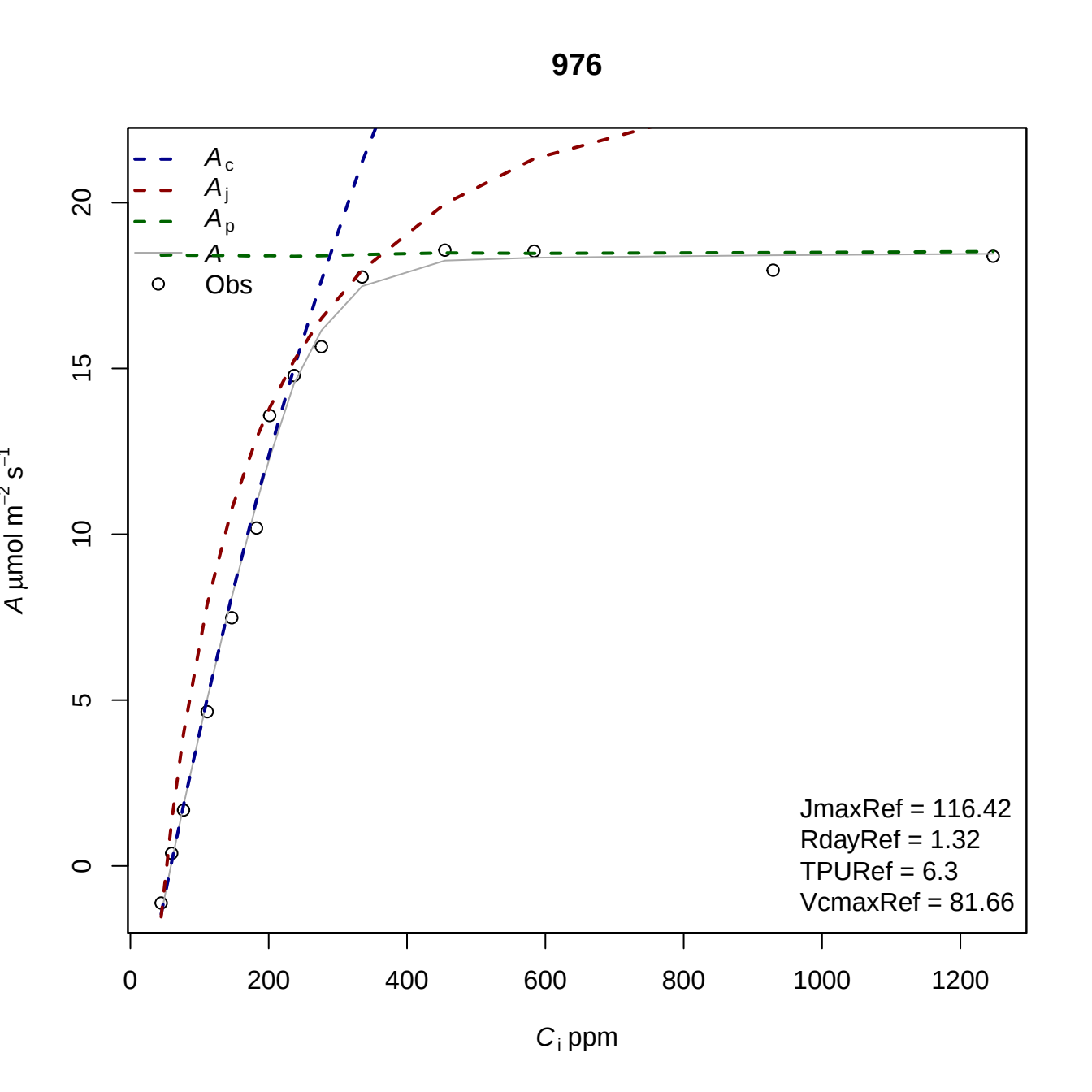

971
A_c
A_j
A_p
A
Obs
JmaxRef = 62.25
RdayRef = 0.55
TPURef = 9999
VcmaxRef = 34.77
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200

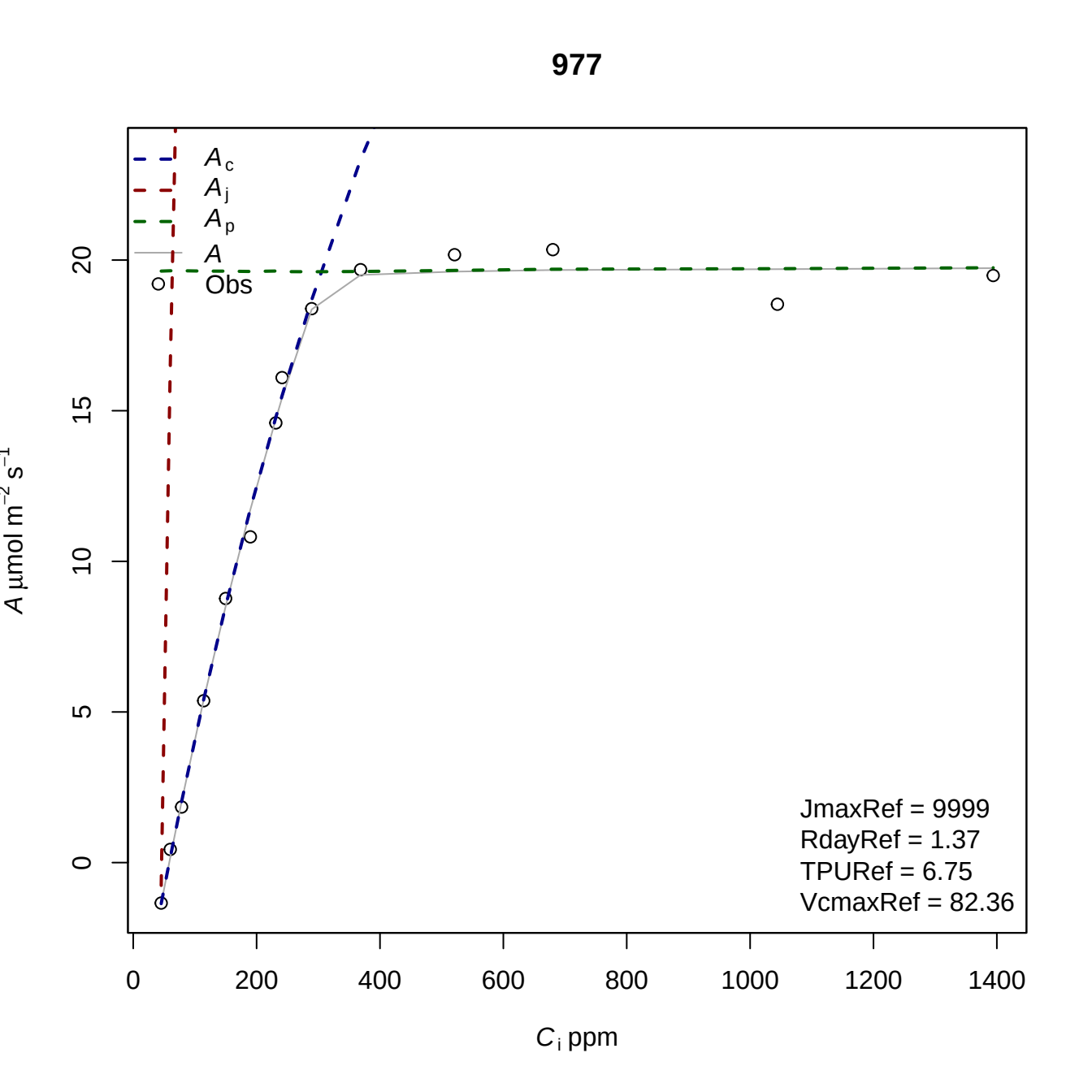

972
A_c
A_j
A_p
A
Obs
JmaxRef = 66.29
RdayRef = 1.37
TPURef = 4.28
VcmaxRef = 42.84
A µmol m^{-2} s^{-1}
0
5
10
0
200
400
600
800
1000
1200
1400
C_i ppm

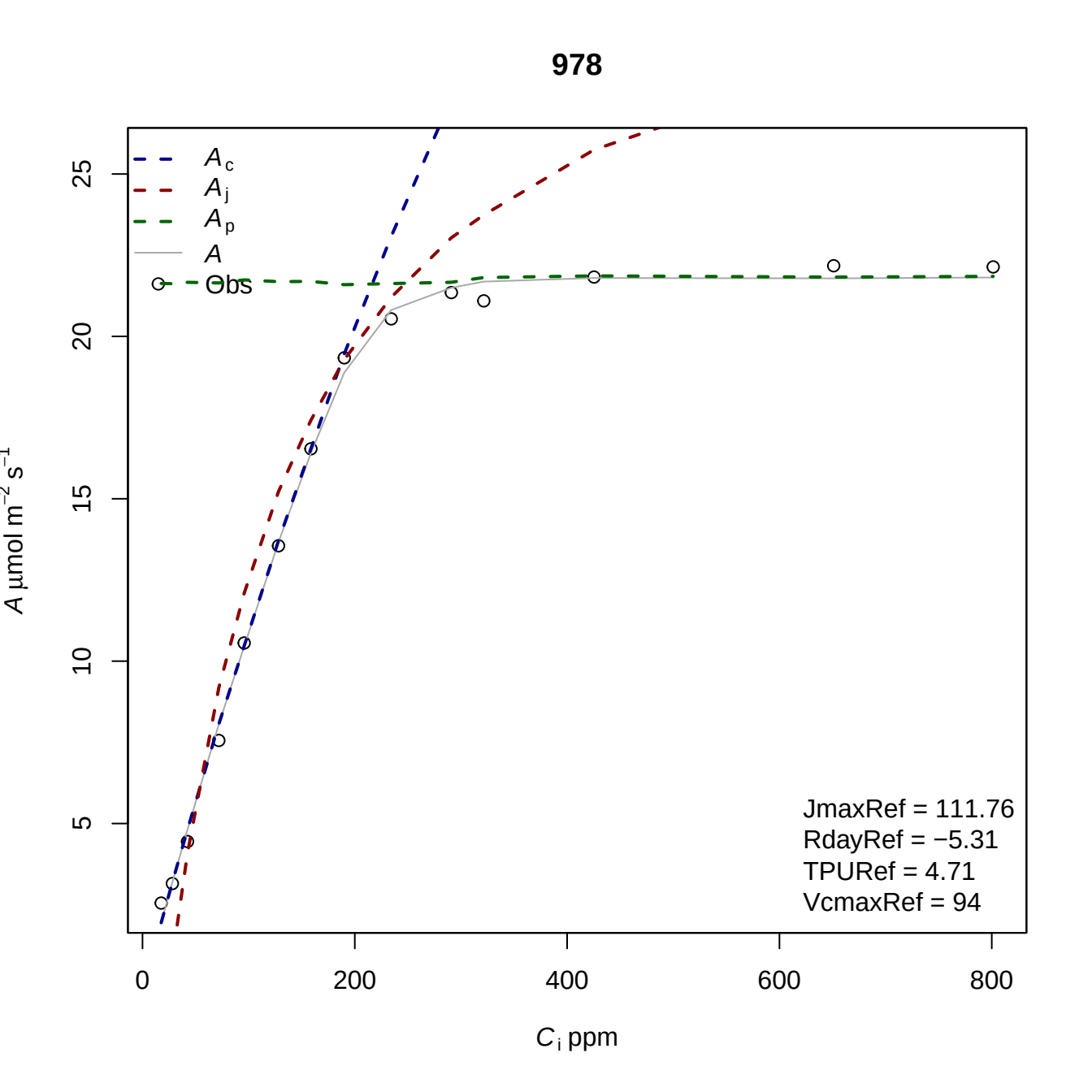

973
A_c
A_j
A_p
A
Obs
JmaxRef = 137.73
RdayRef = 1.1
TPURef = 9999
VcmaxRef = 79.44
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800

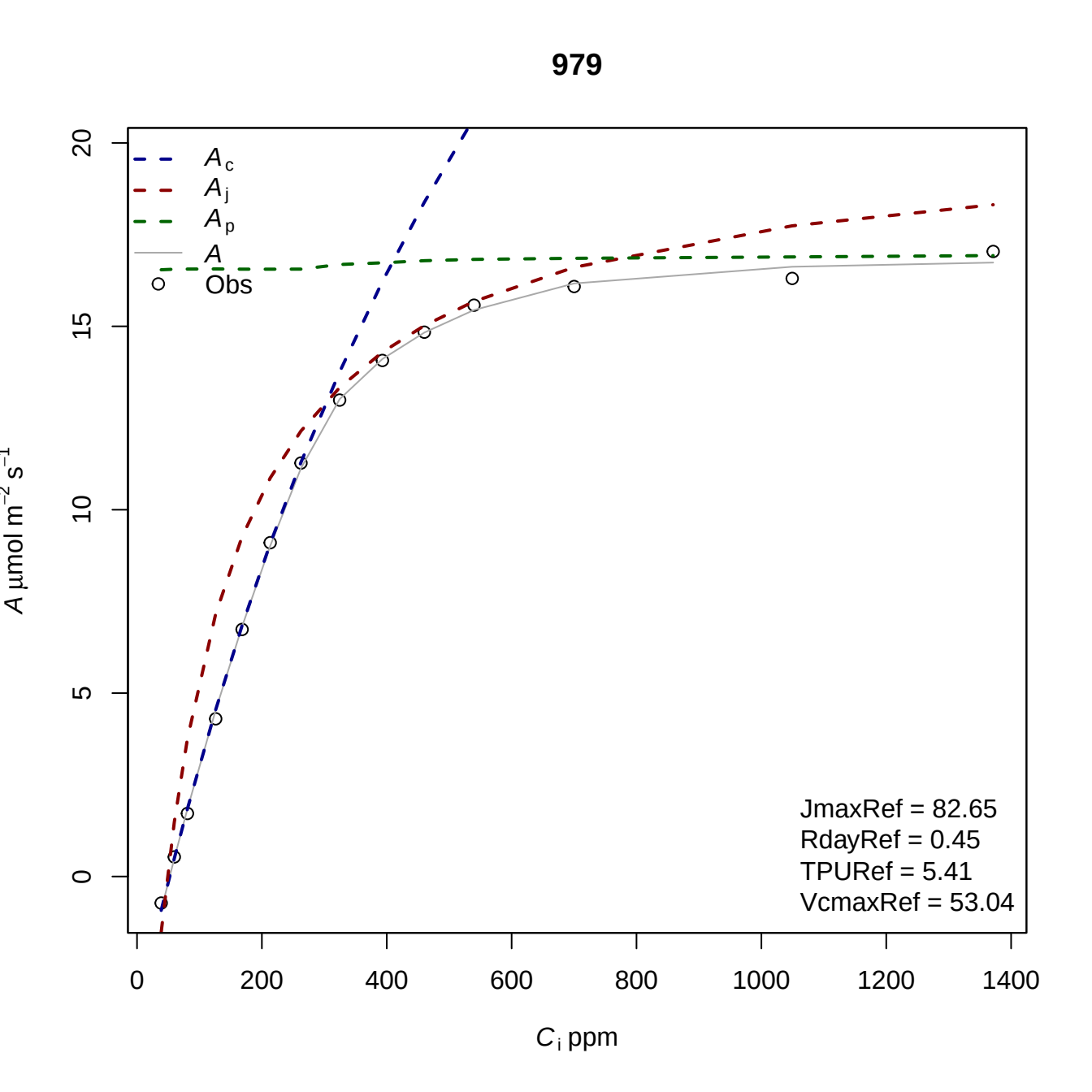

974
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.58
TPURef = 5.79
VcmaxRef = 64.01
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

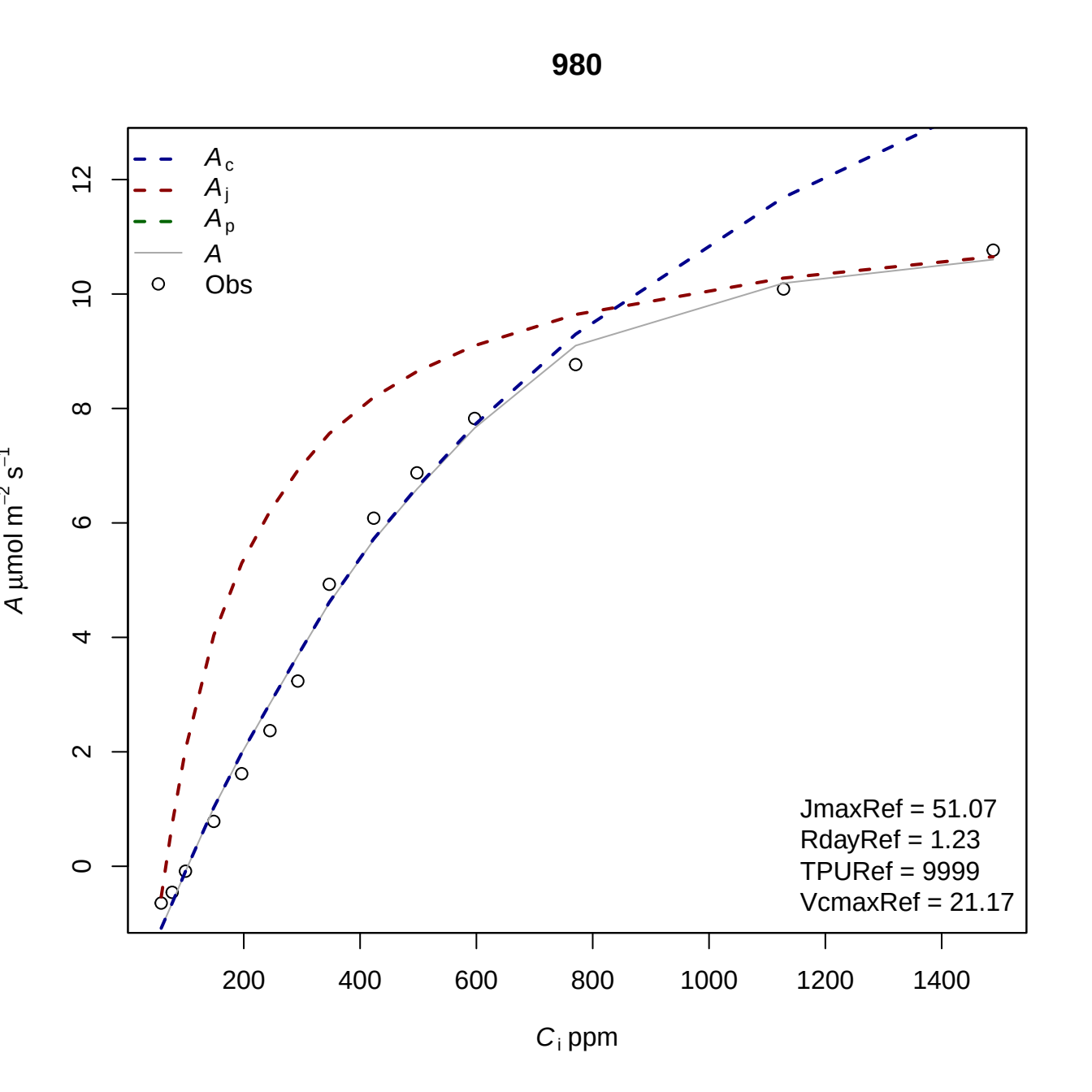

975
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 0.86
TPURef = 5.66
VcmaxRef = 60.71
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

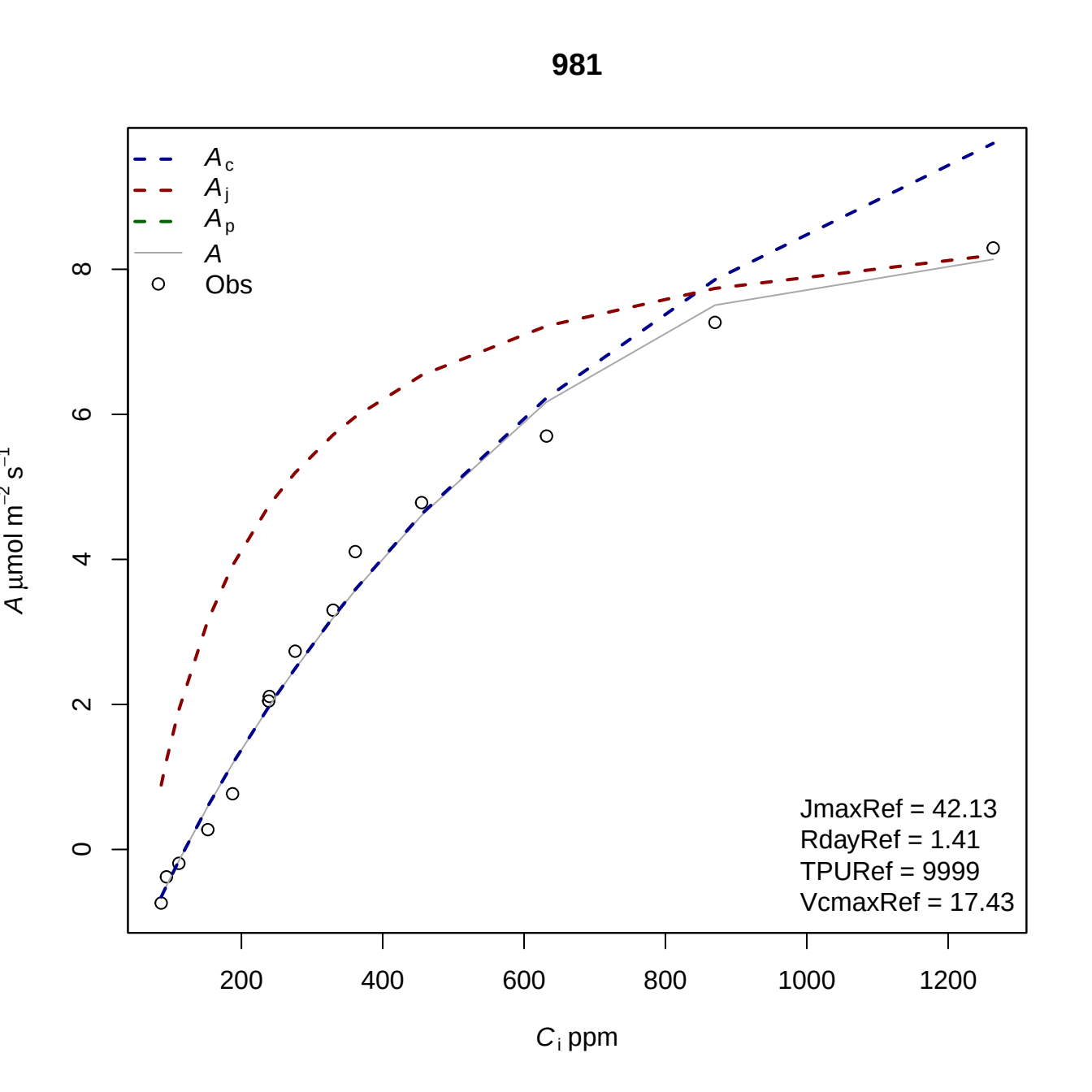

976
A_c
A_j
A_p
A
Obs
JmaxRef = 116.42
RdayRef = 1.32
TPURef = 6.3
VcmaxRef = 81.66
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200


977
A_c
A_j
A_p
A
Obs
JmaxRef = 9999
RdayRef = 1.37
TPURef = 6.75
VcmaxRef = 82.36
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400


978
A_c
A_j
A_p
A
Obs
JmaxRef = 111.76
RdayRef = −5.31
TPURef = 4.71
VcmaxRef = 94
A µmol m^{-2} s^{-1}
C_i ppm
0
200
400
600
800
5
10
15
20
25


979
A_c
A_j
A_p
A
Obs
JmaxRef = 82.65
RdayRef = 0.45
TPURef = 5.41
VcmaxRef = 53.04
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400


980
A_c
A_j
A_p
A
Obs
JmaxRef = 51.07
RdayRef = 1.23
TPURef = 9999
VcmaxRef = 21.17
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000
1200
1400


981
A_c
A_j
A_p
A
Obs
JmaxRef = 42.13
RdayRef = 1.41
TPURef = 9999
VcmaxRef = 17.43
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
200
400
600
800
1000
1200