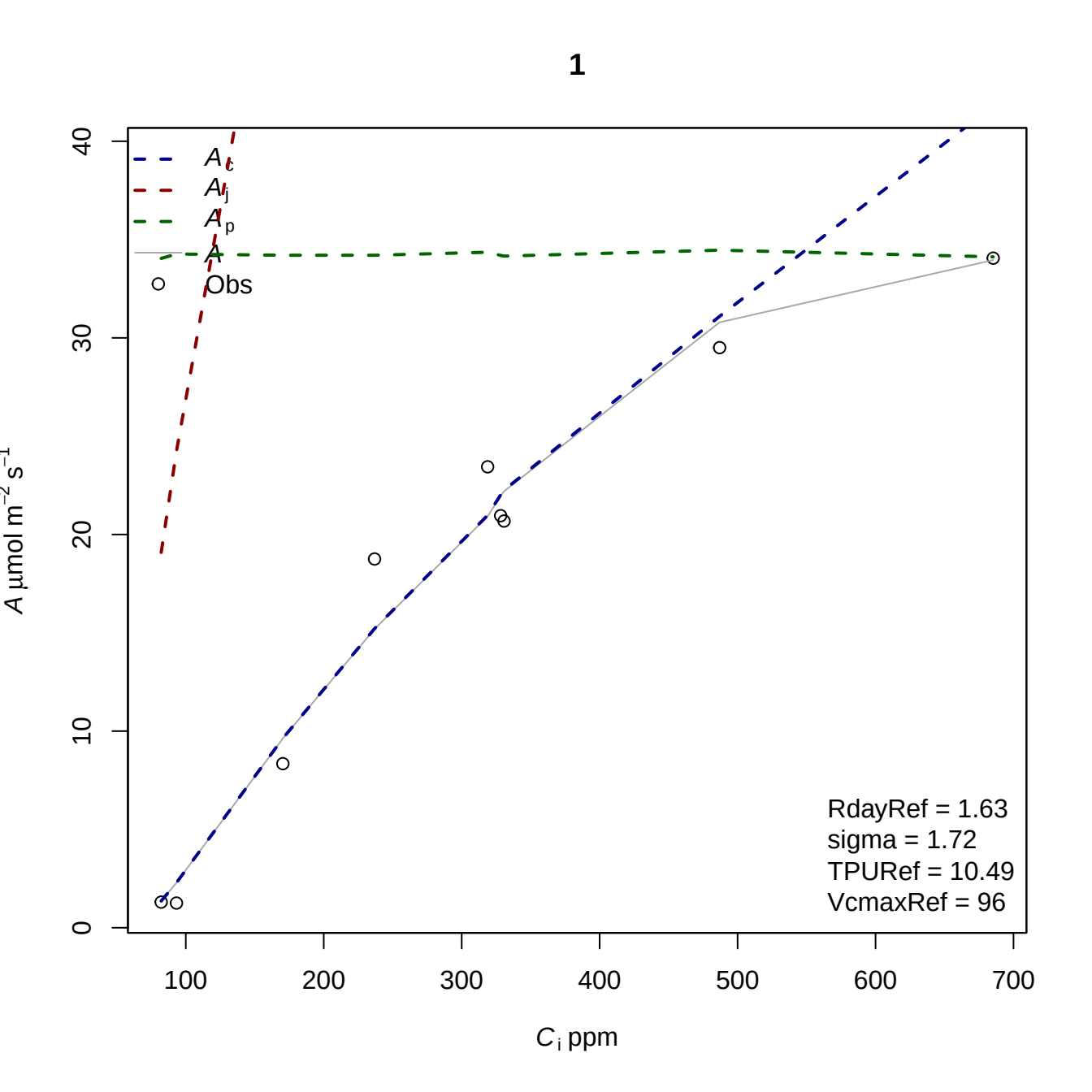
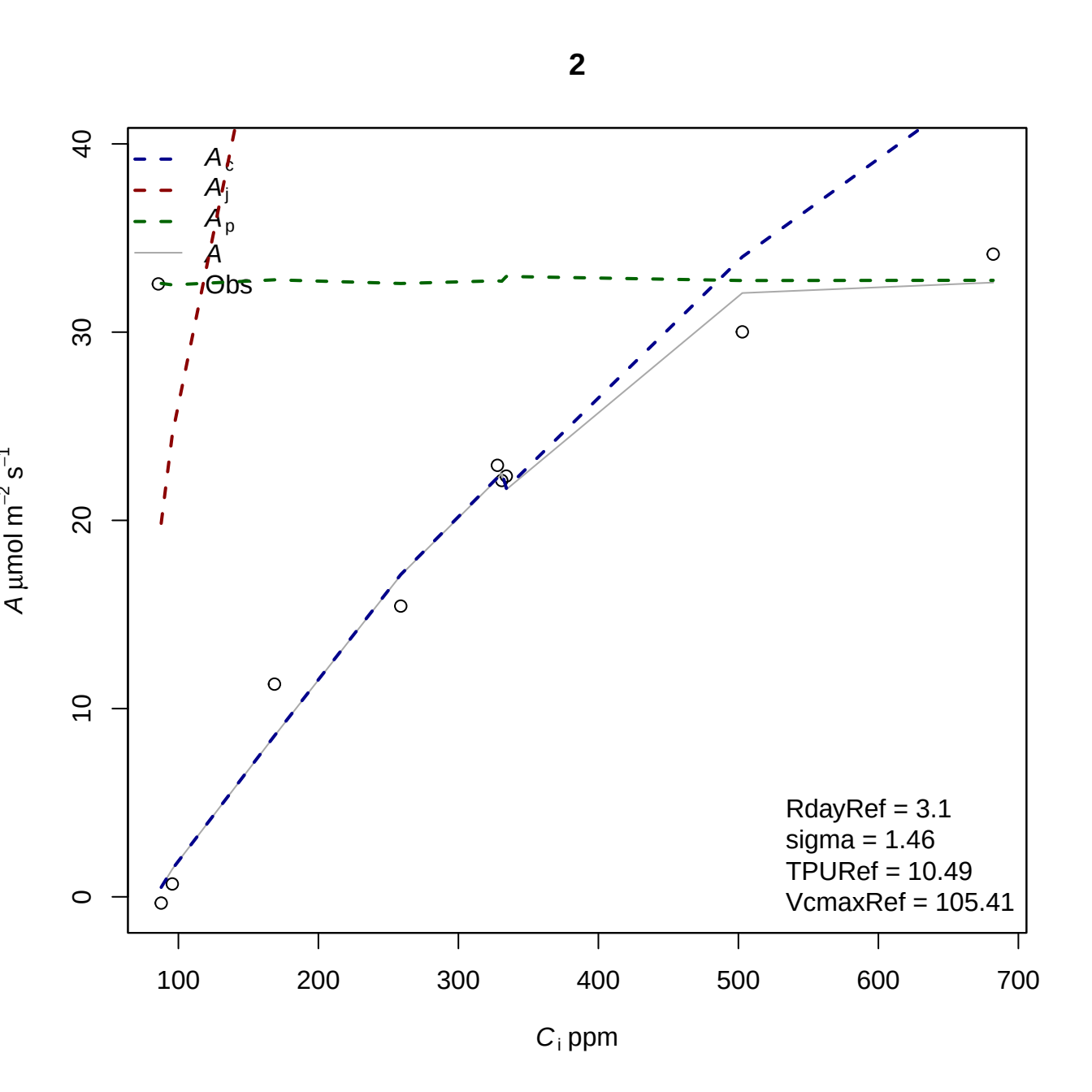
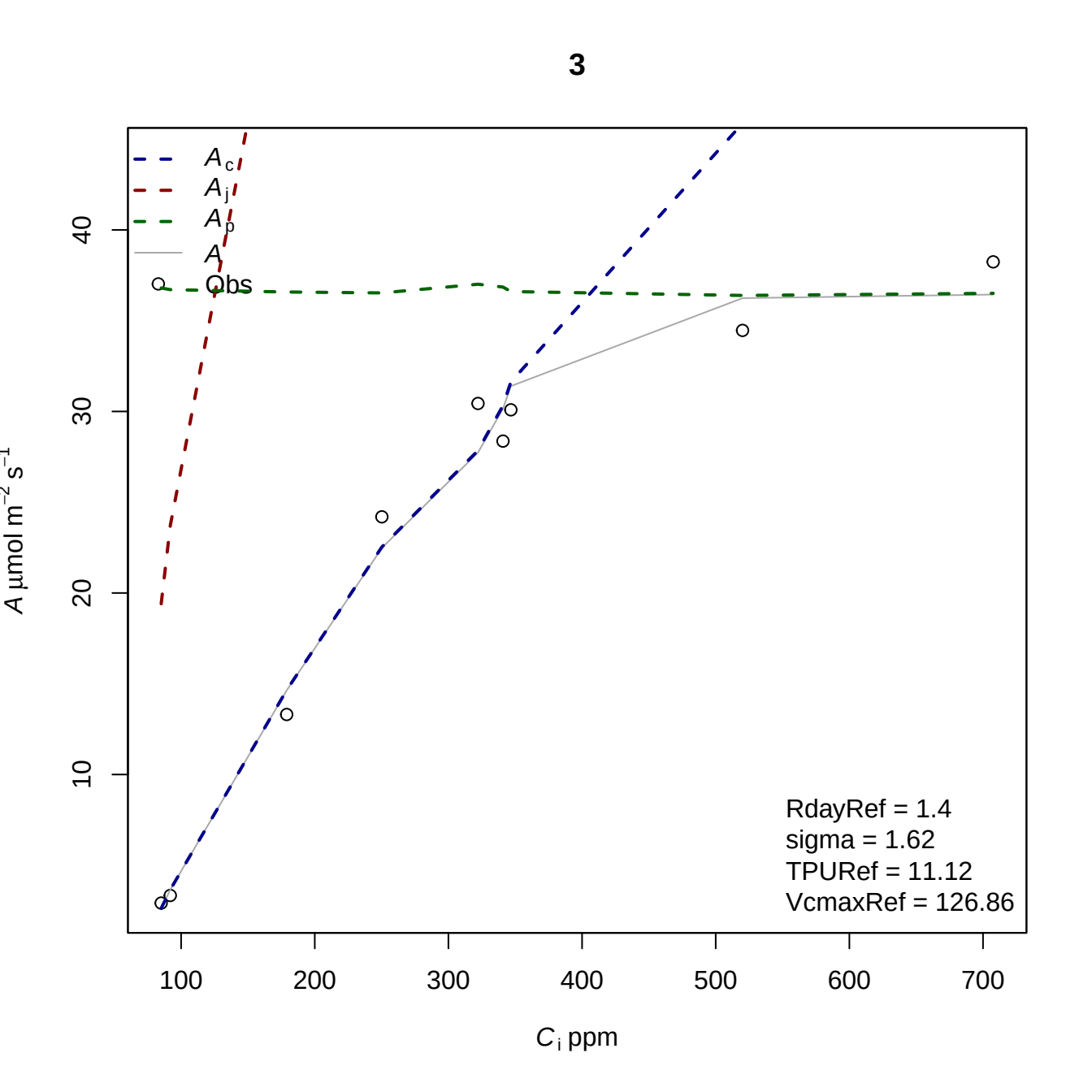
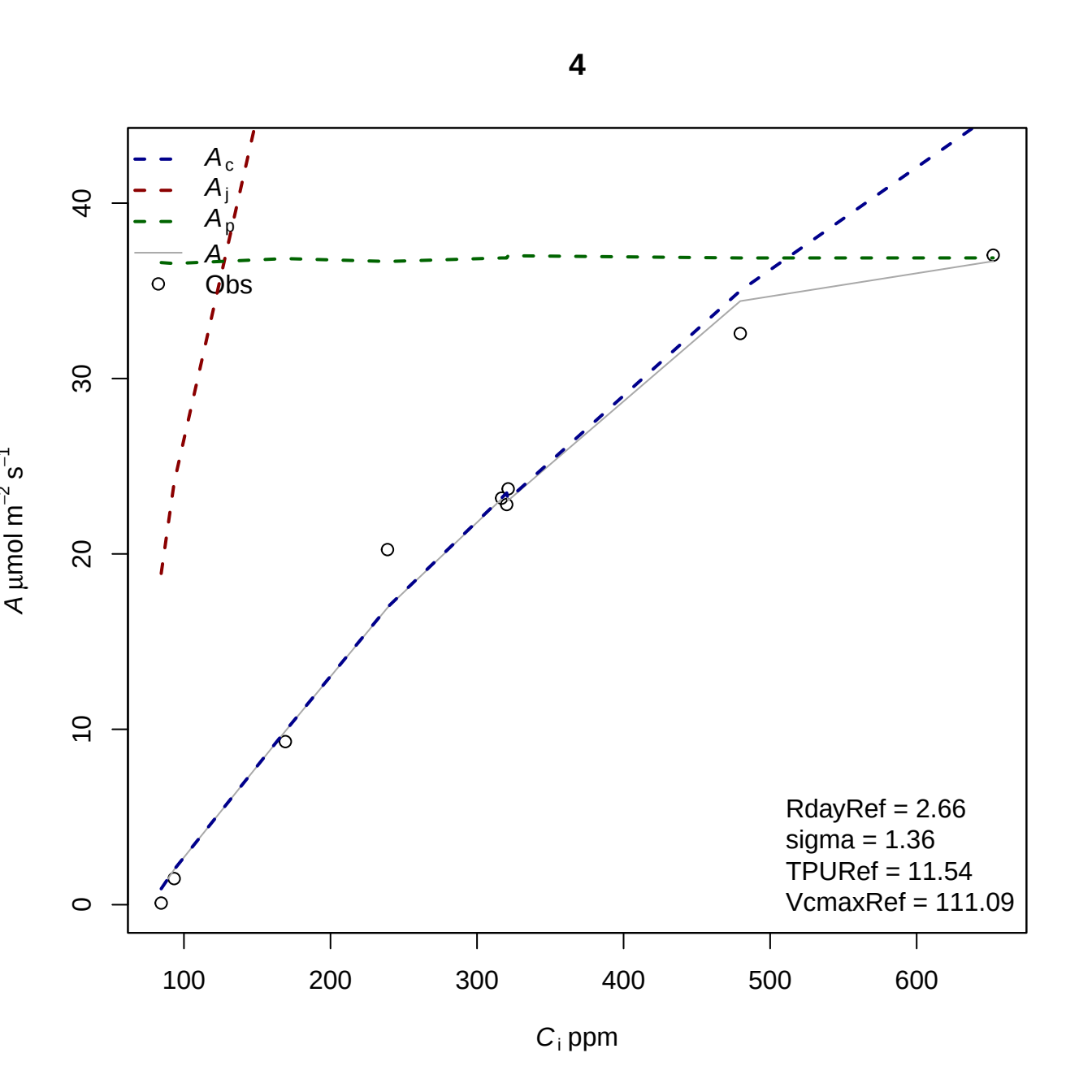
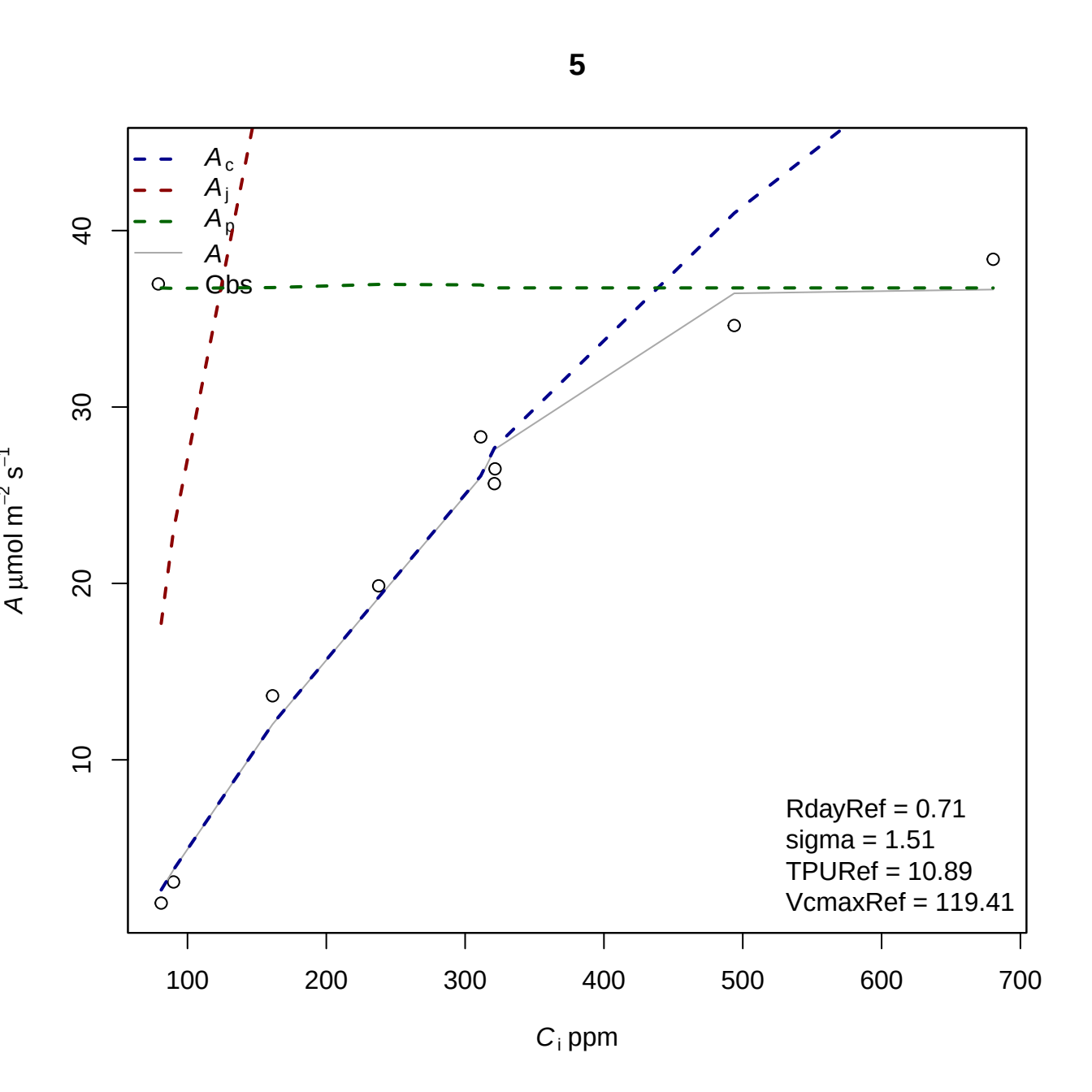
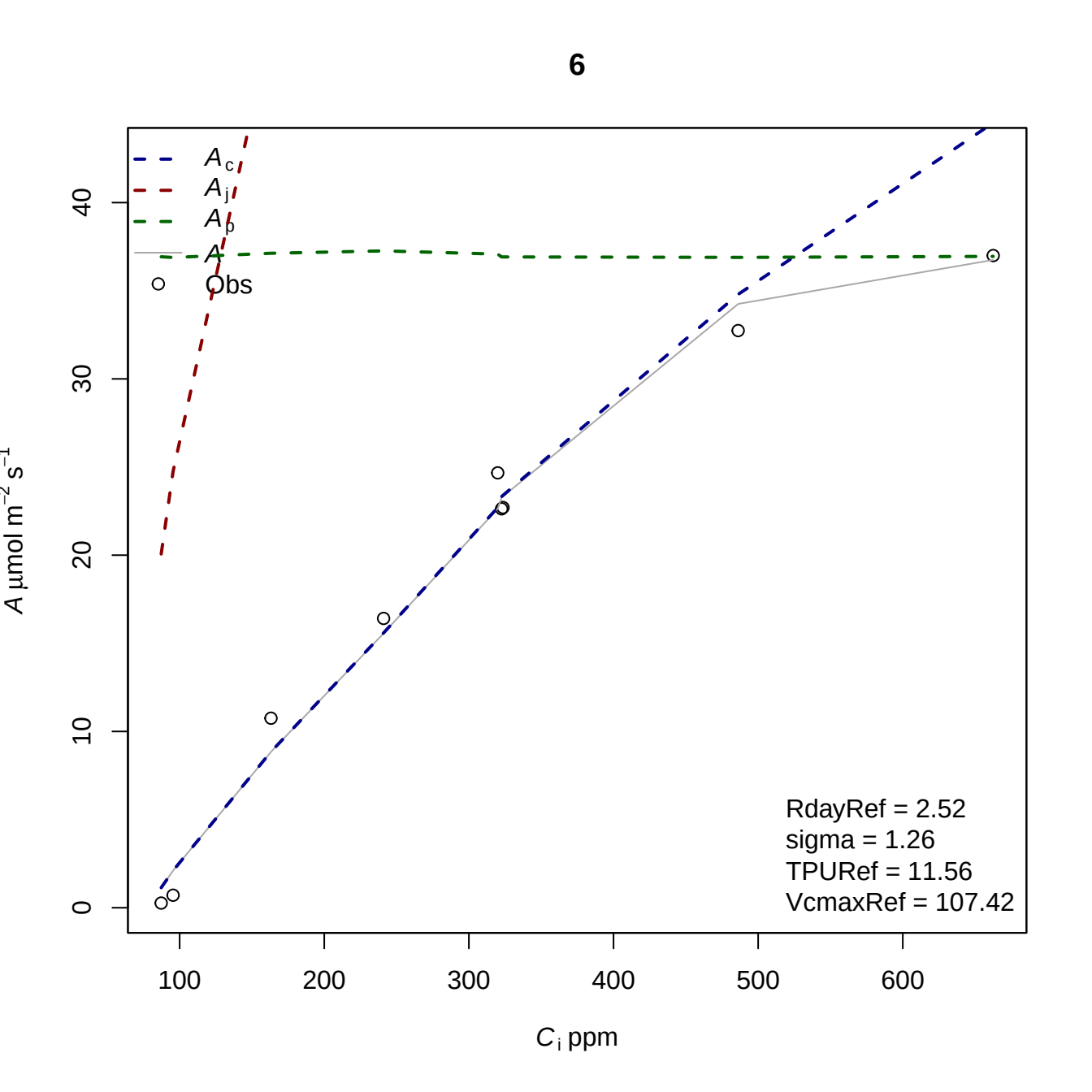

1
A_c
A_j
A_p
A
Obs
RdayRef = 1.63
sigma = 1.72
TPURef = 10.49
VcmaxRef = 96
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600
700

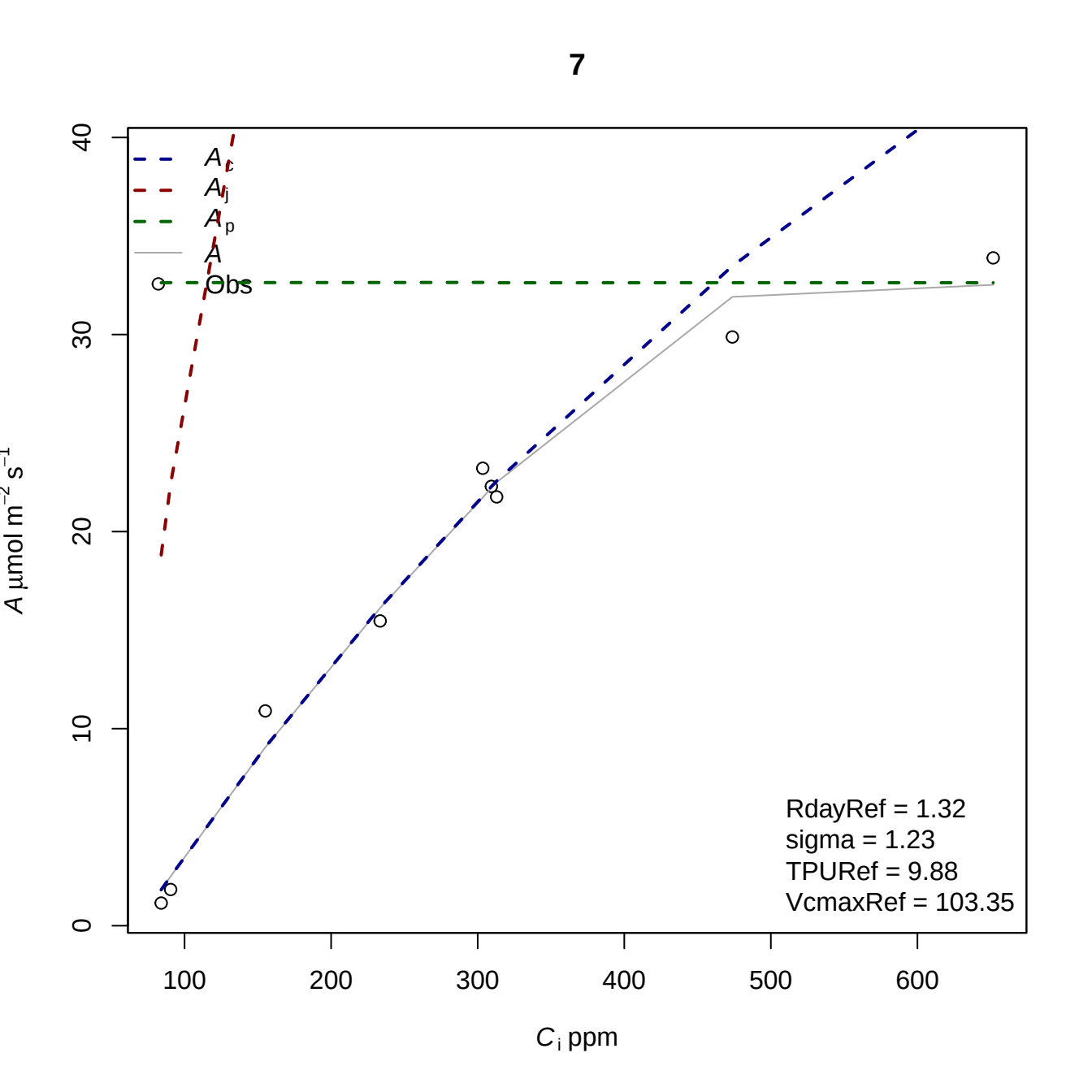

2
A_c
A_j
A_p
A
Obs
RdayRef = 3.1
sigma = 1.46
TPURef = 10.49
VcmaxRef = 105.41
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600
700

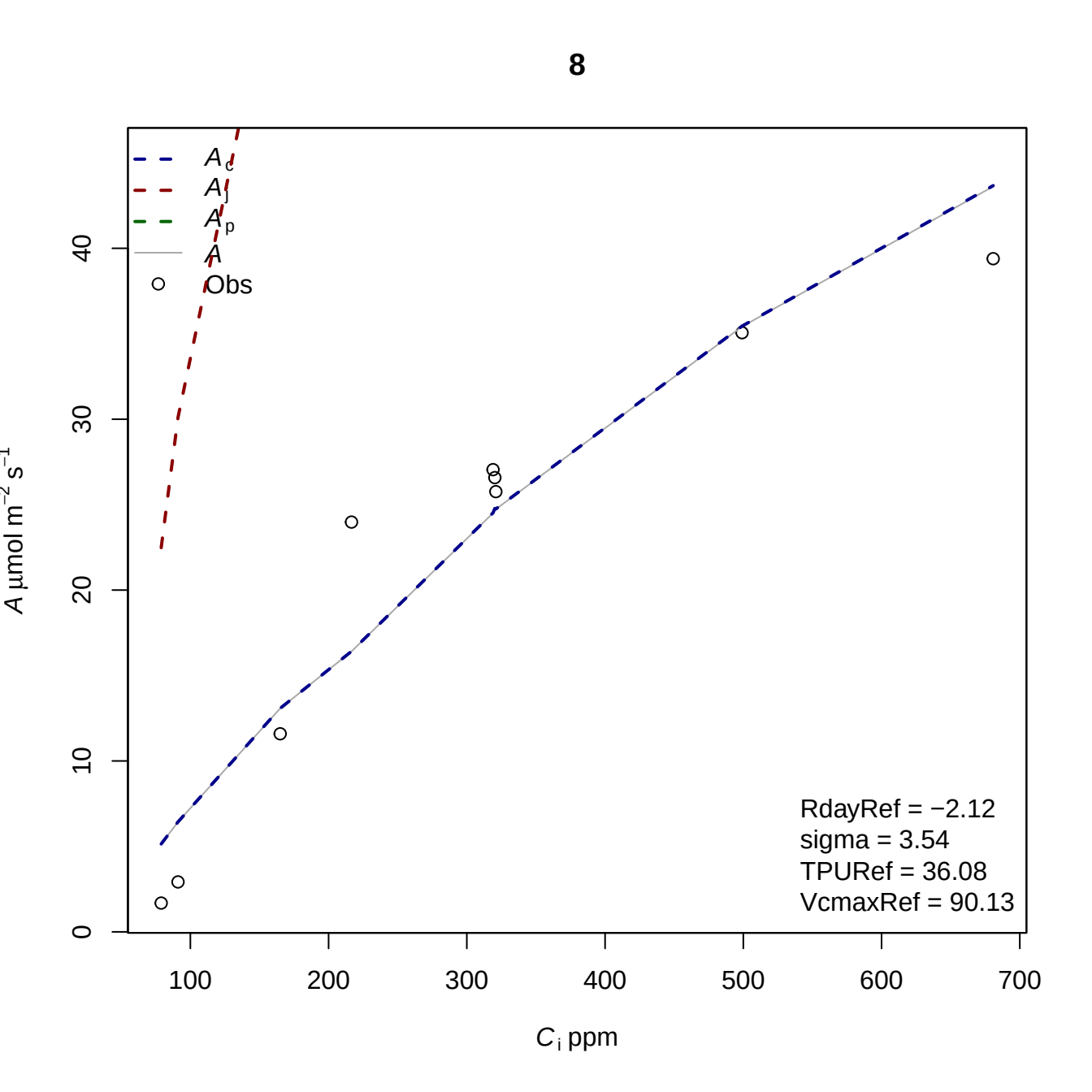

3
A_c
A_j
A_p
A
Obs
RdayRef = 1.4
sigma = 1.62
TPURef = 11.12
VcmaxRef = 126.86
A µmol m^{-2} s^{-1}
C_i ppm
10
20
30
40
100
200
300
400
500
600
700

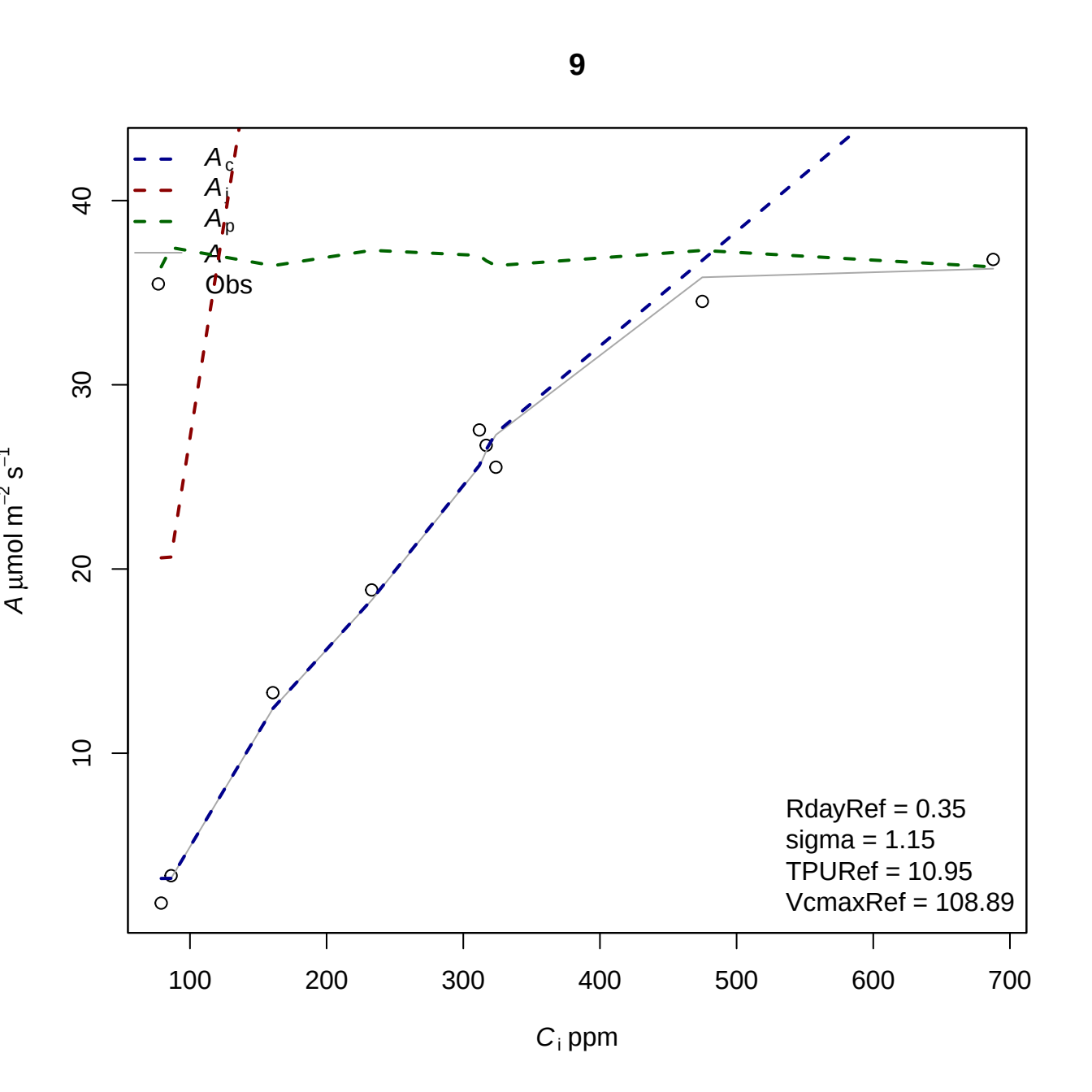

4
A_c
A_j
A_p
A_n
Obs
RdayRef = 2.66
sigma = 1.36
TPURef = 11.54
VcmaxRef = 111.09
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600

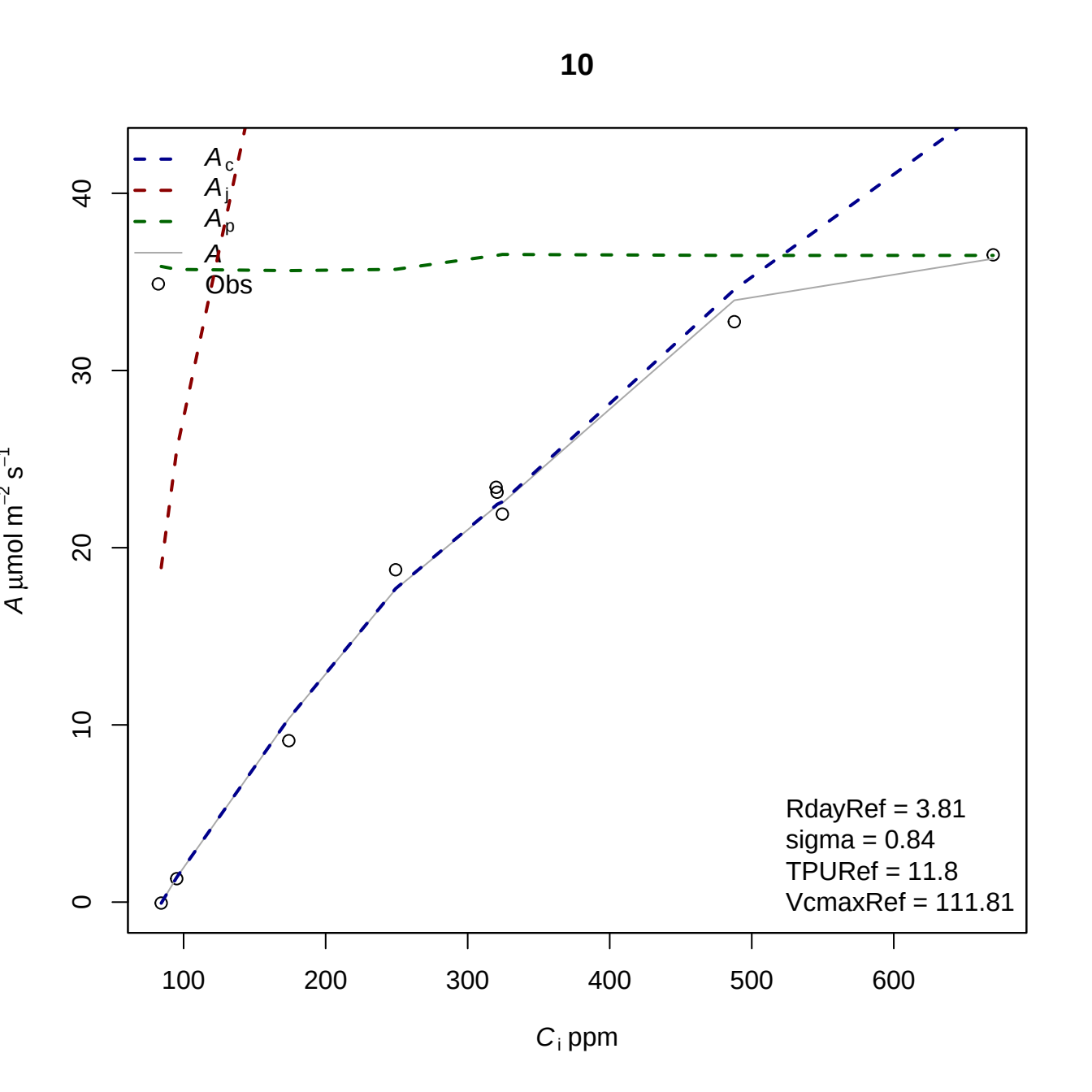

5
A_c
A_j
A_p
A
Obs
RdayRef = 0.71
sigma = 1.51
TPURef = 10.89
VcmaxRef = 119.41
A µmol m^{-2} s^{-1}
C_i ppm
10
20
30
40
100
200
300
400
500
600
700

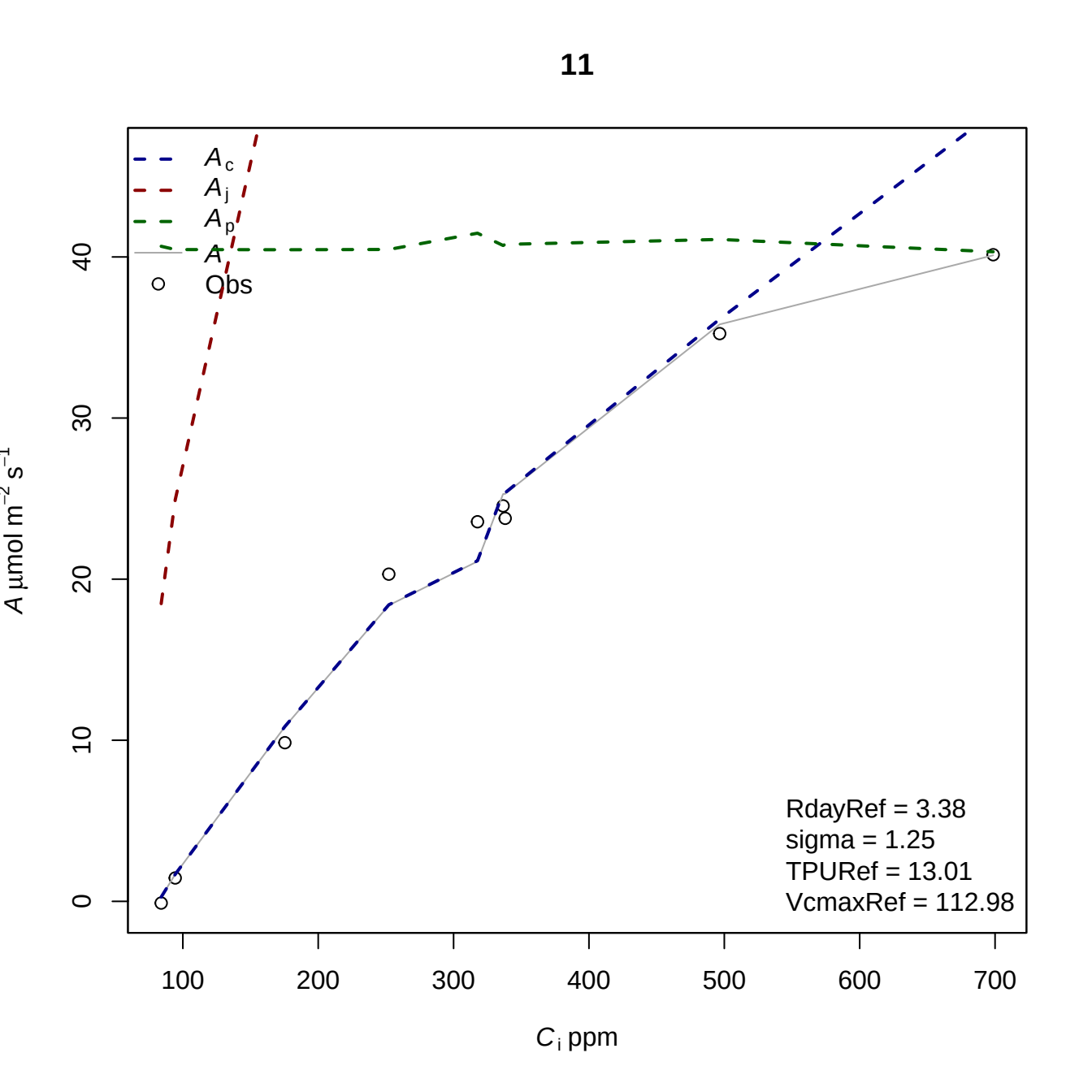

6
A_c
A_j
A_p
A
Obs
RdayRef = 2.52
sigma = 1.26
TPURef = 11.56
VcmaxRef = 107.42
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600

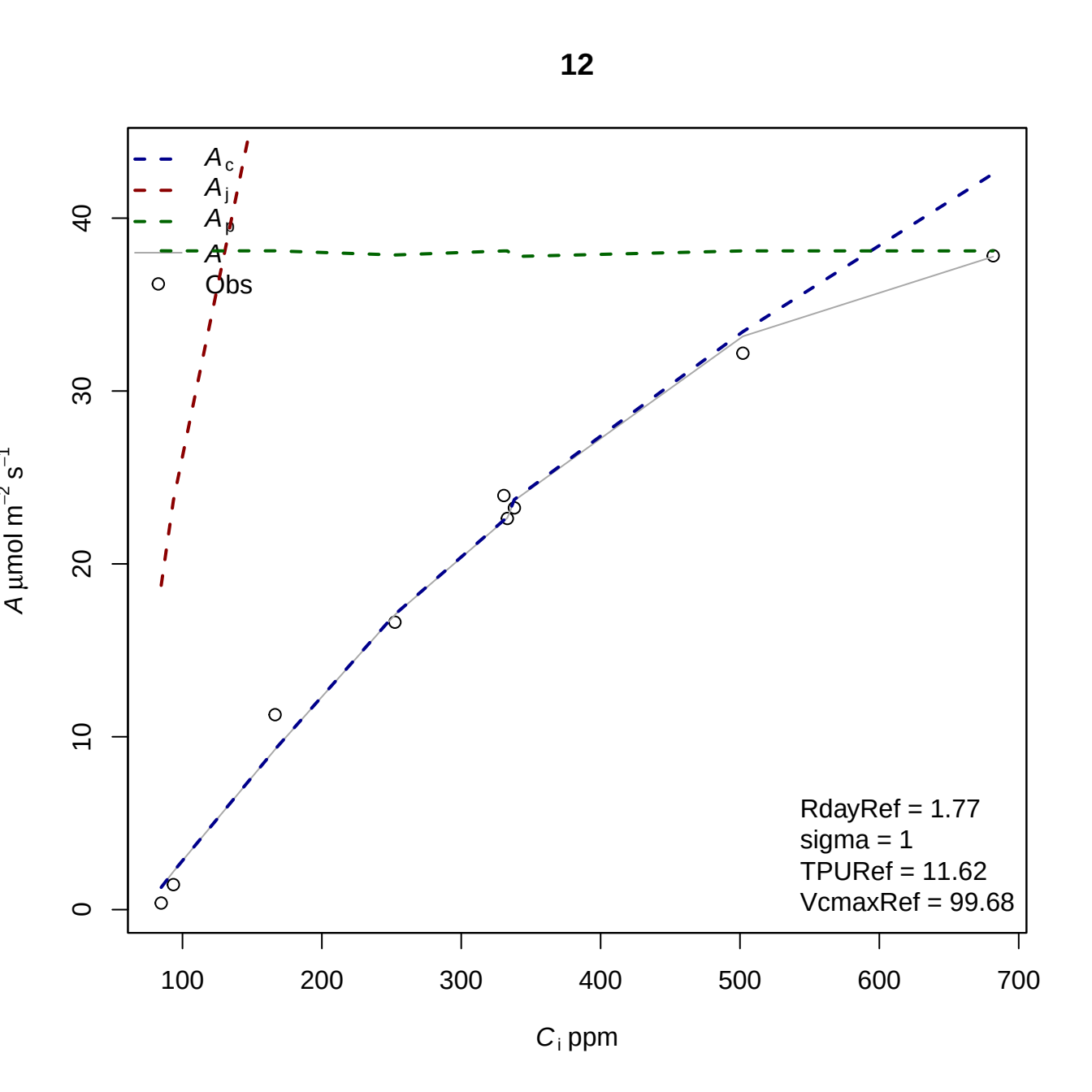

7
A_c
A_j
A_p
A
Obs
RdayRef = 1.32
sigma = 1.23
TPURef = 9.88
VcmaxRef = 103.35
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600

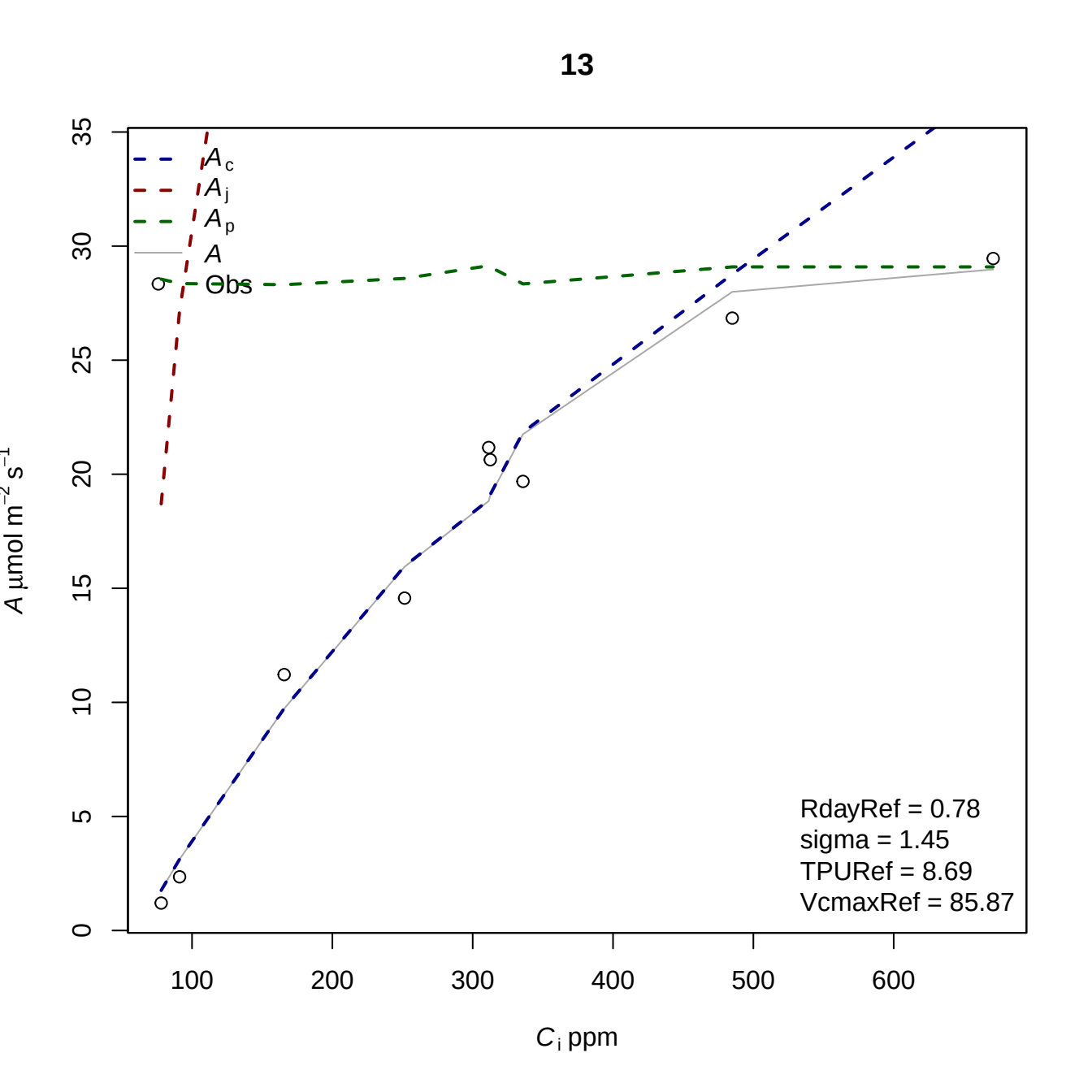

8
A_c
A_j
A_p
A
Obs
RdayRef = −2.12
sigma = 3.54
TPURef = 36.08
VcmaxRef = 90.13
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600
700

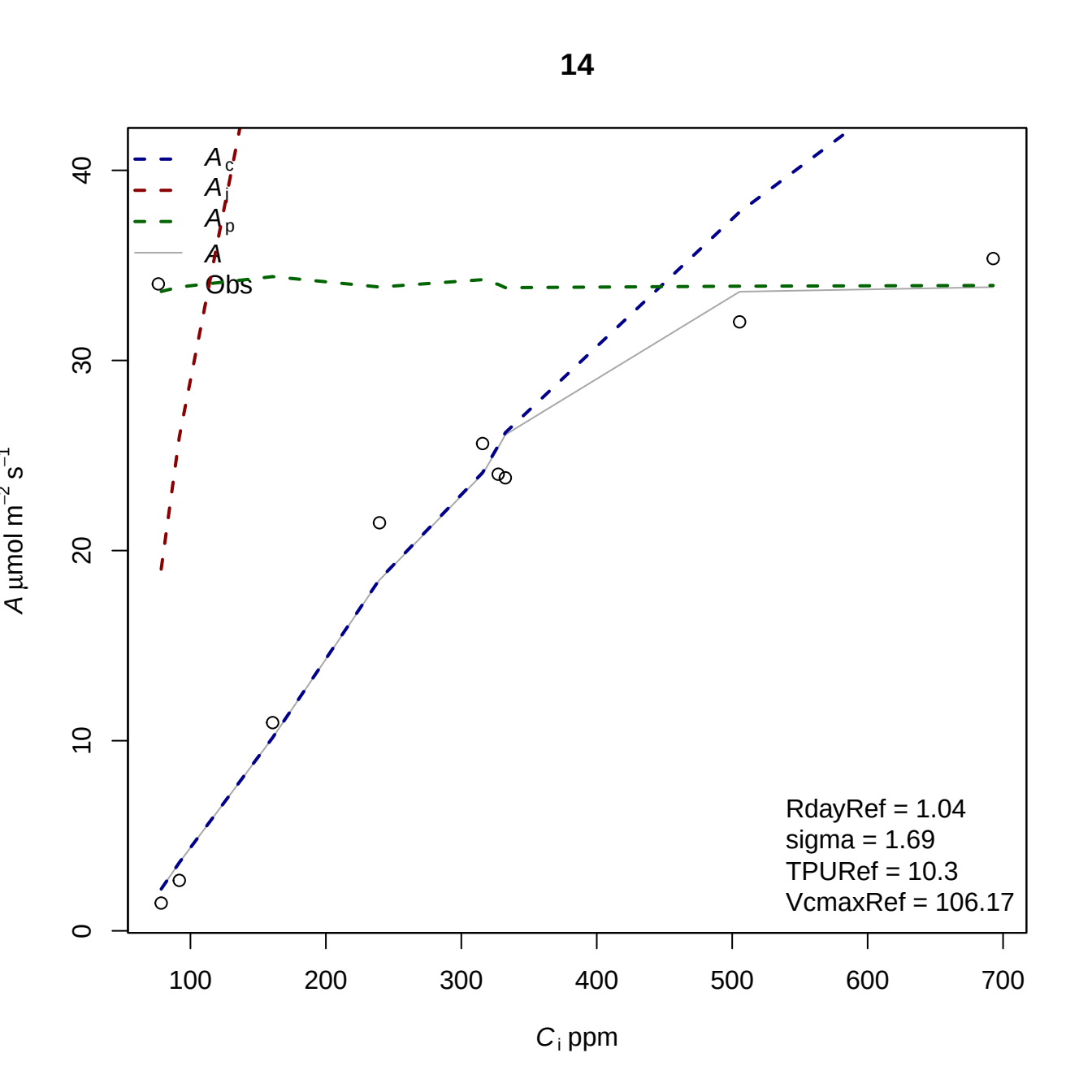

9
A_c
A_j
A_p
A
Obs
RdayRef = 0.35
sigma = 1.15
TPURef = 10.95
VcmaxRef = 108.89
A µmol m^{-2} s^{-1}
C_i ppm
10
20
30
40
100
200
300
400
500
600
700

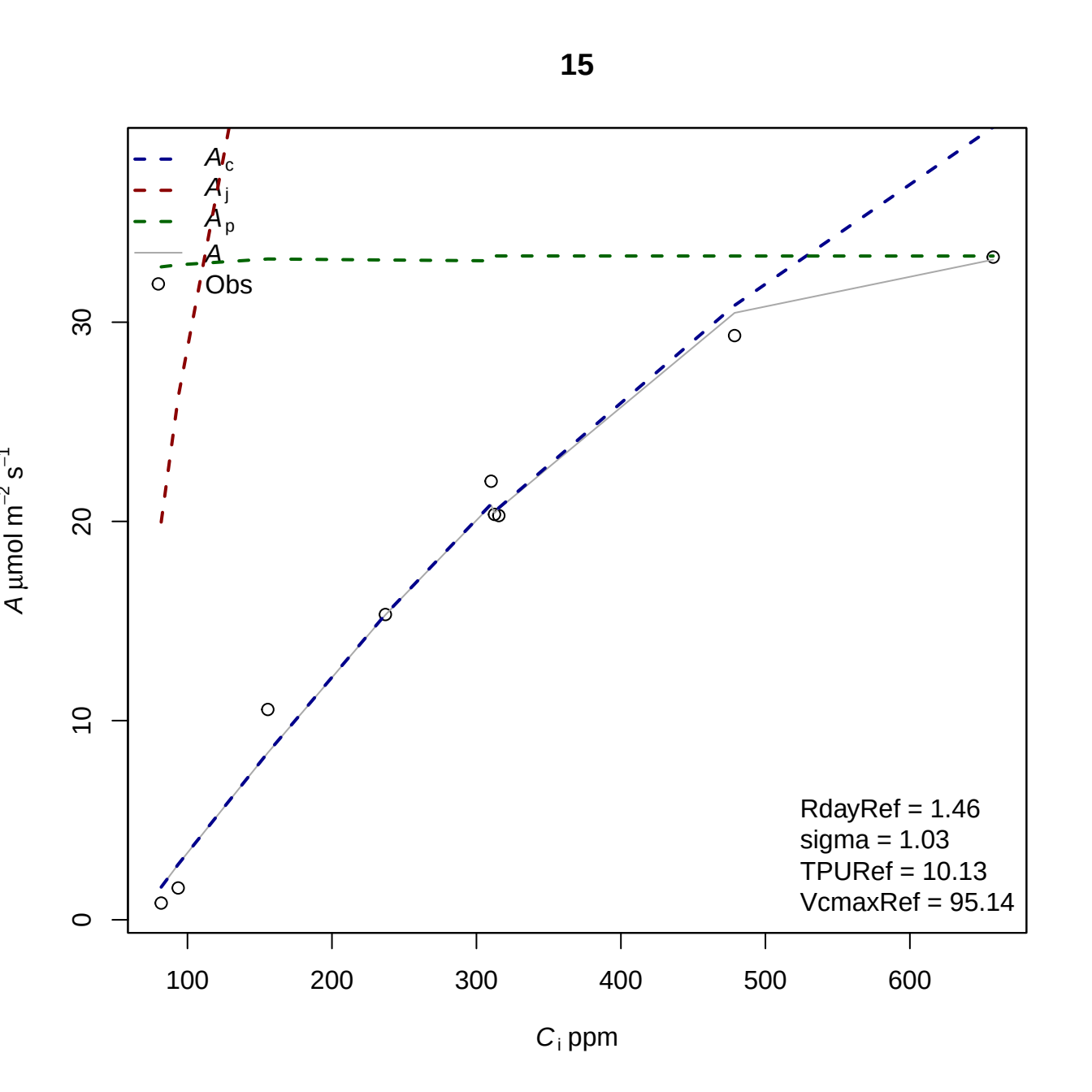

10
A_c
A_j
A_p
A
Obs
RdayRef = 3.81
sigma = 0.84
TPURef = 11.8
VcmaxRef = 111.81
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600

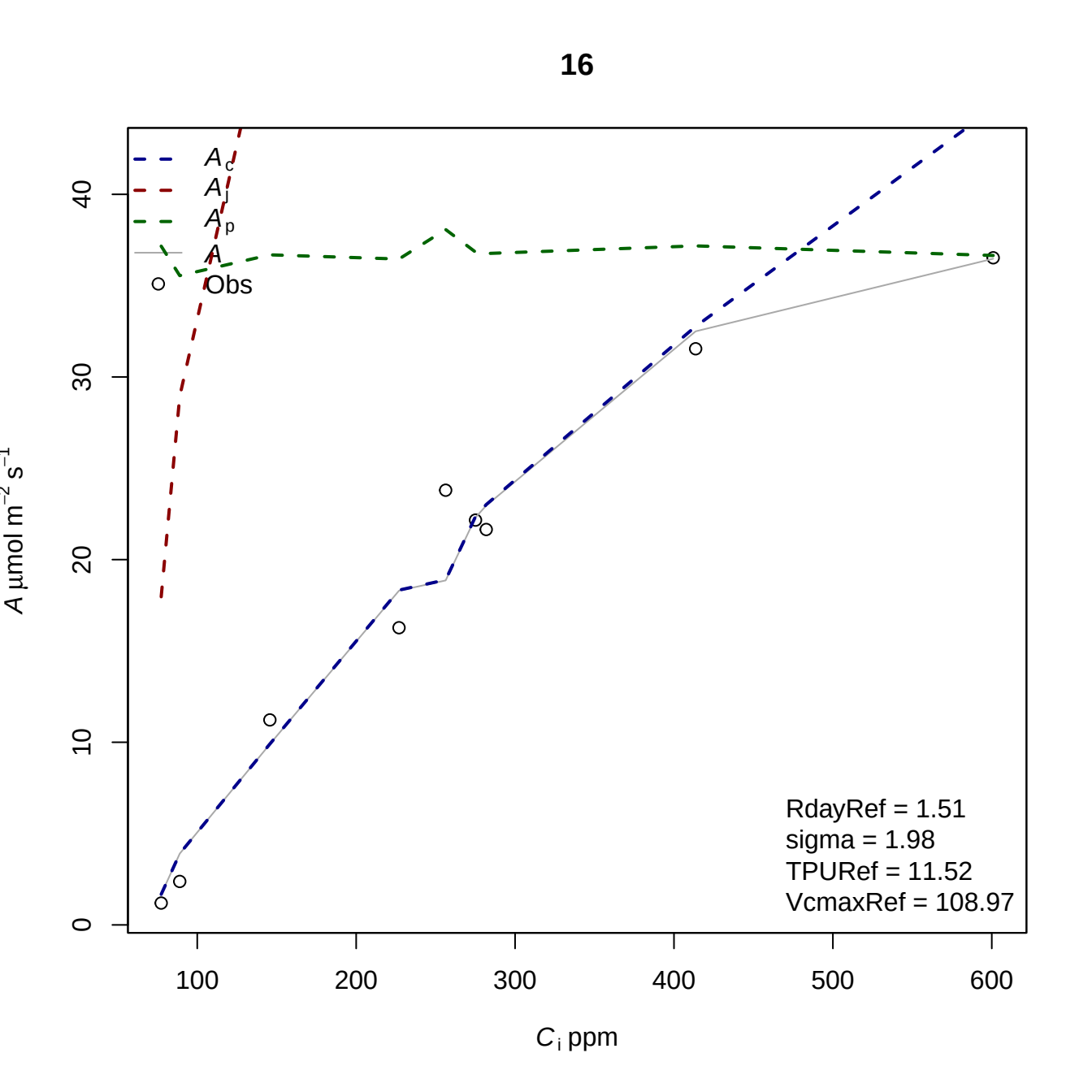

11
A_c
A_j
A_p
A
Obs
RdayRef = 3.38
sigma = 1.25
TPURef = 13.01
VcmaxRef = 112.98
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600
700

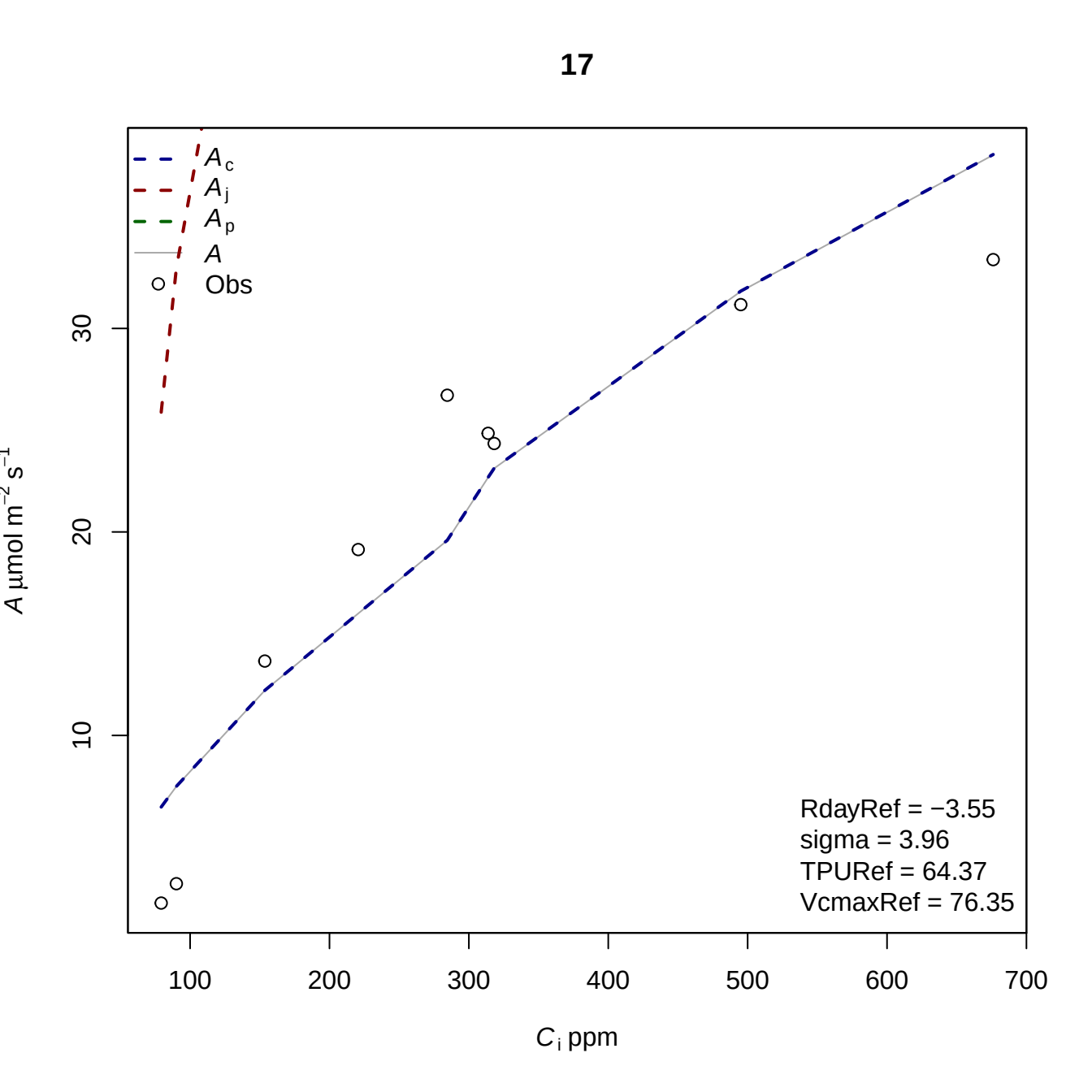

12
A_c
A_j
A_p
A
Obs
RdayRef = 1.77
sigma = 1
TPURef = 11.62
VcmaxRef = 99.68
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600
700

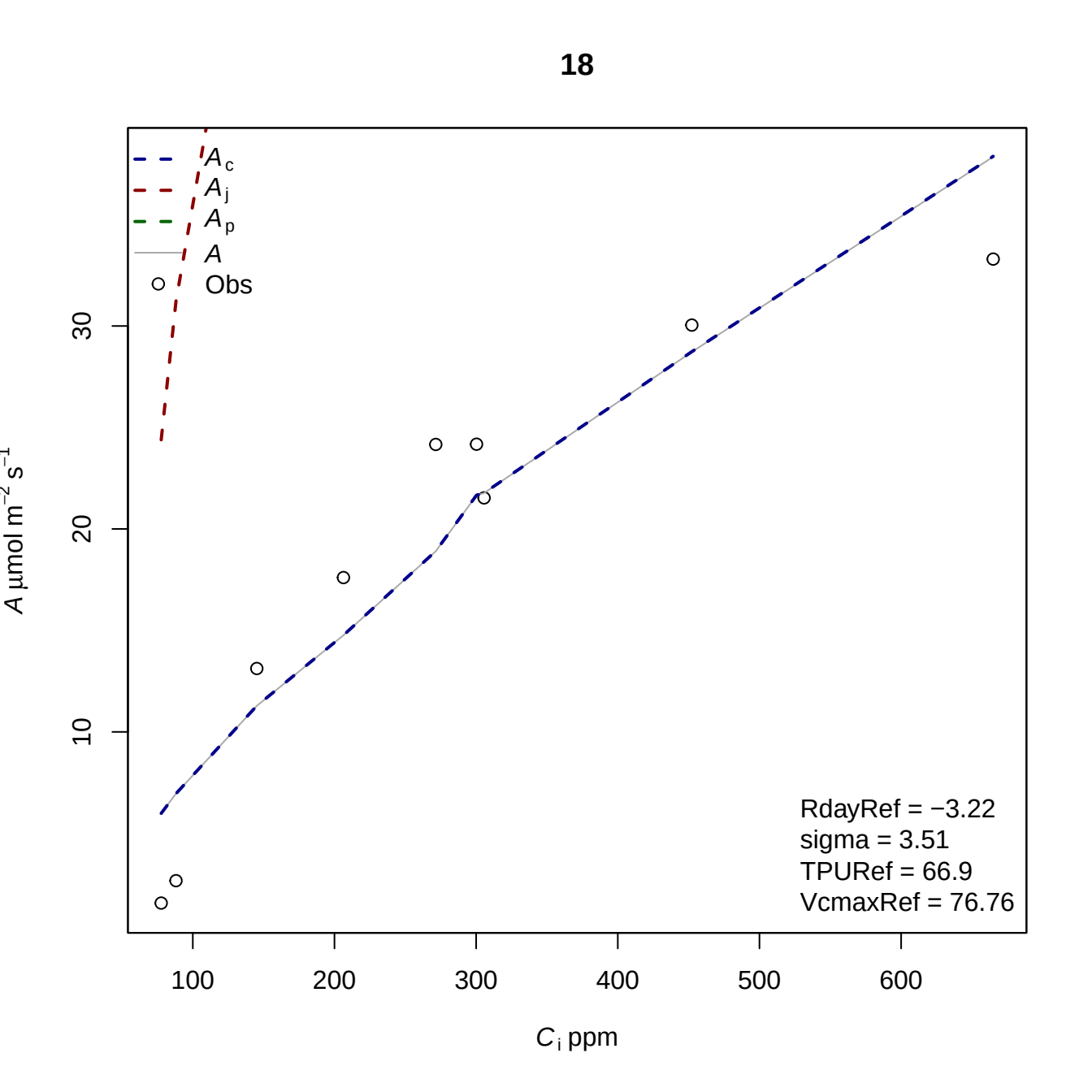

13
A_c
A_j
A_p
A
Obs
RdayRef = 0.78
sigma = 1.45
TPURef = 8.69
VcmaxRef = 85.87
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
100
200
300
400
500
600

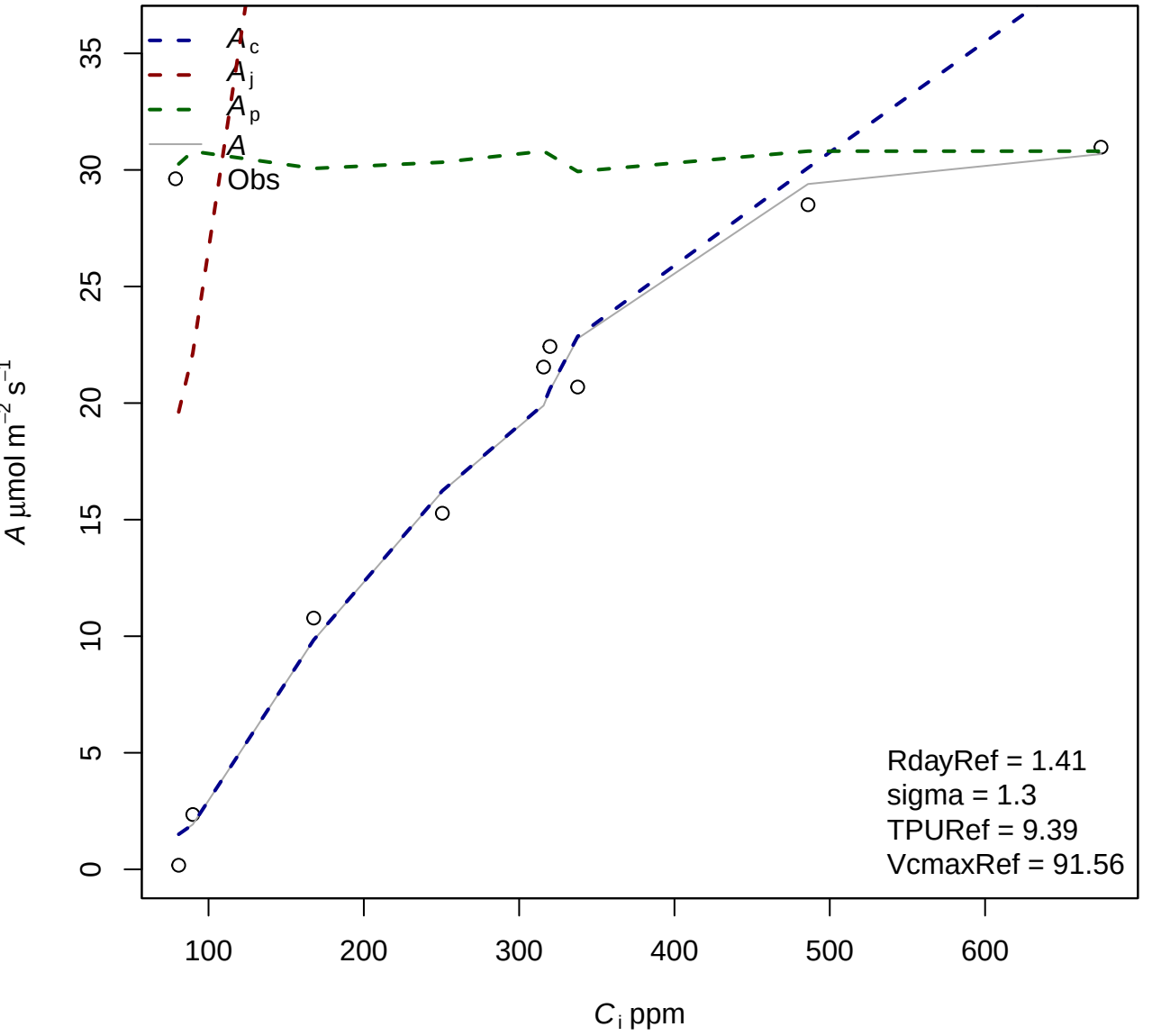

14
A_c
A_j
A_p
A
Obs
RdayRef = 1.04
sigma = 1.69
TPURef = 10.3
VcmaxRef = 106.17
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600
700

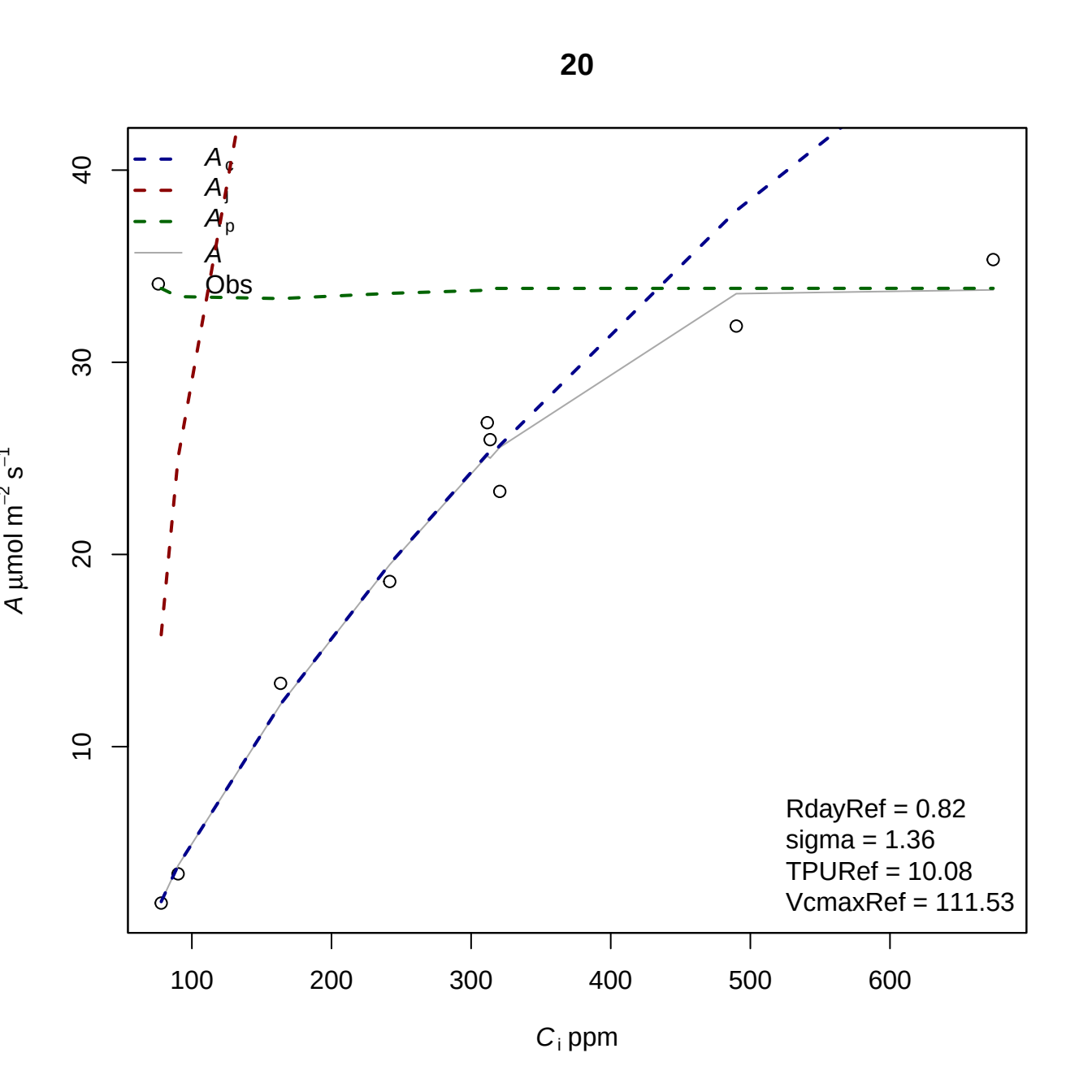

15
A_c
A_j
A_p
A
Obs
RdayRef = 1.46
sigma = 1.03
TPURef = 10.13
VcmaxRef = 95.14
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
100
200
300
400
500
600

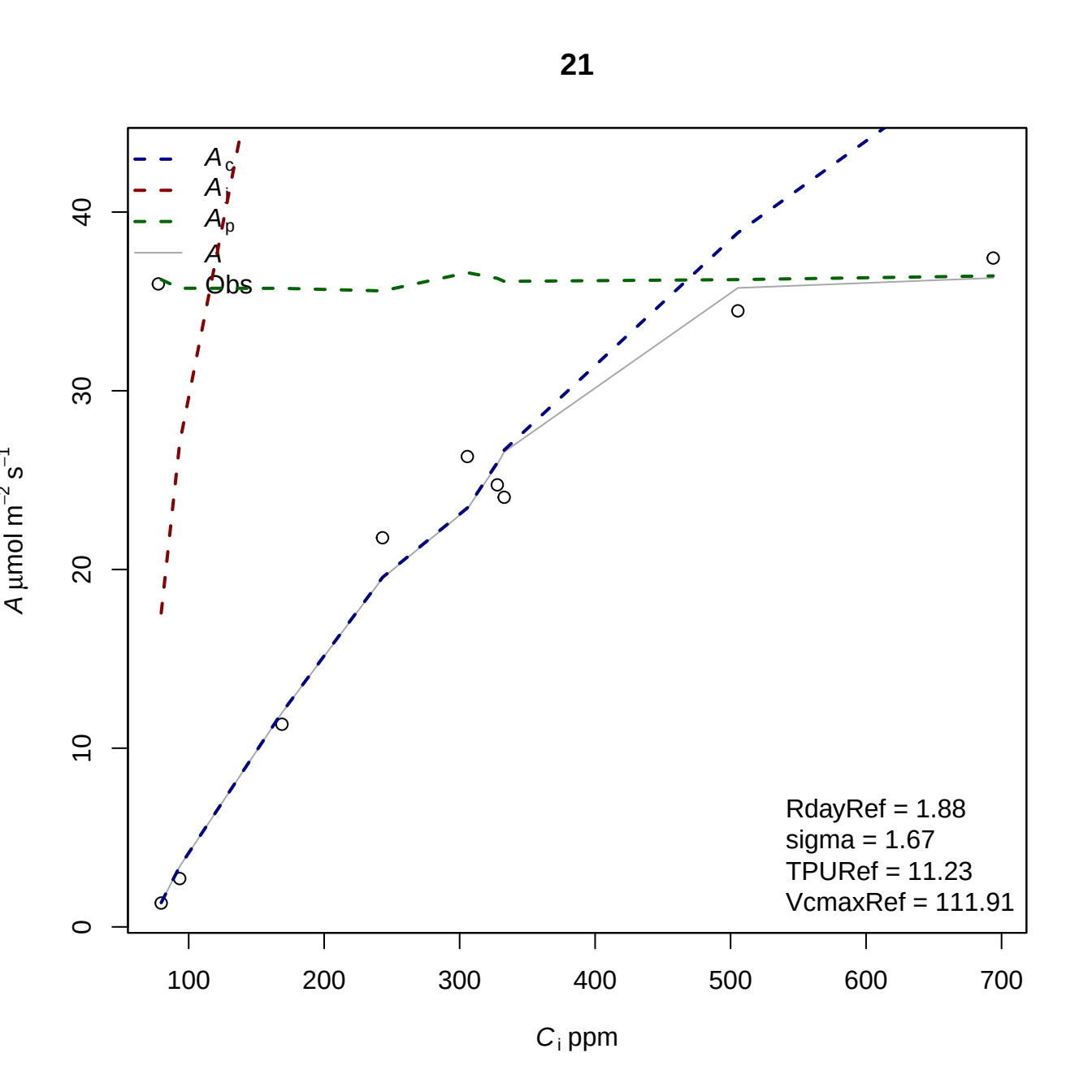

16
A_c
A_j
A_p
A
Obs
RdayRef = 1.51
sigma = 1.98
TPURef = 11.52
VcmaxRef = 108.97
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600

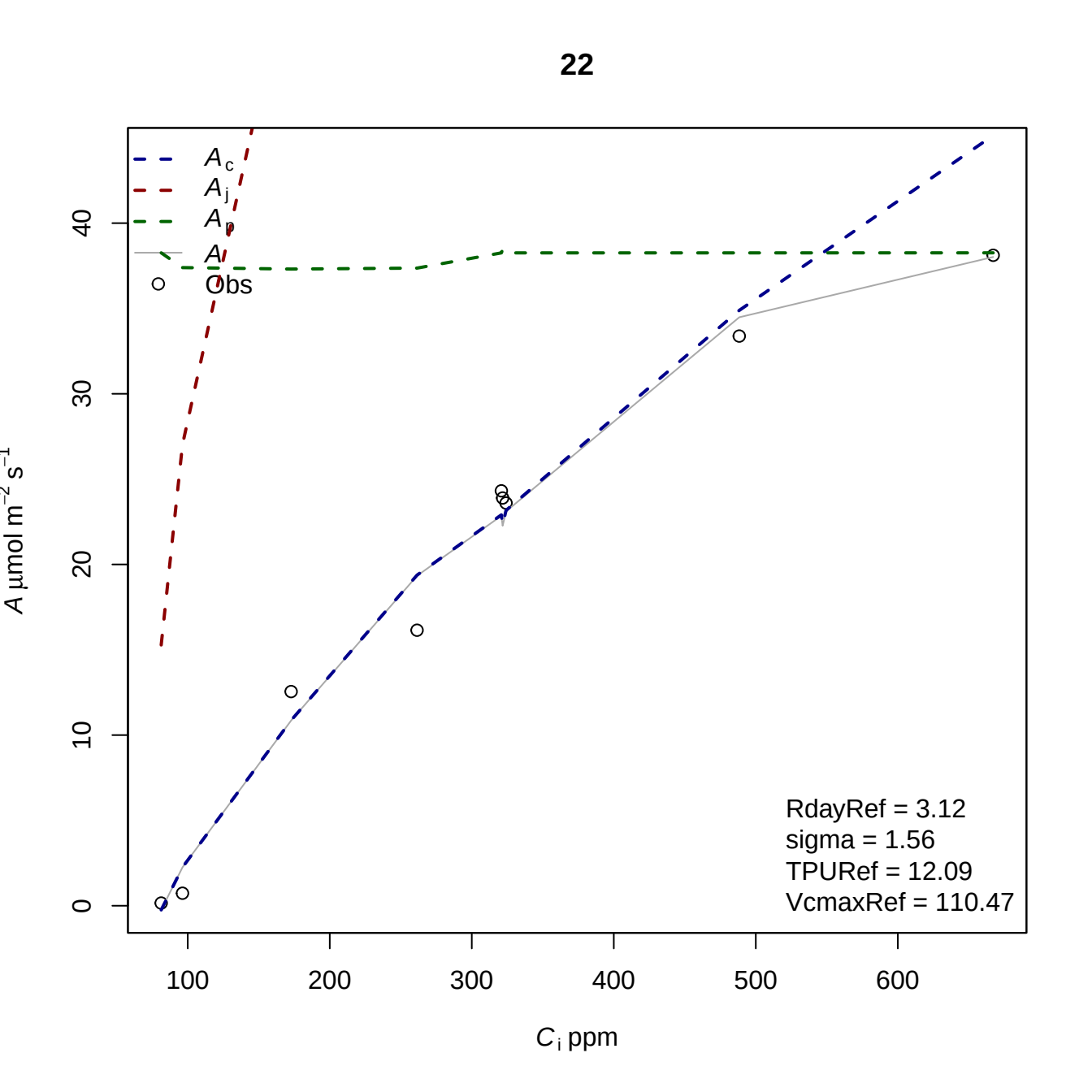

17
A_c
A_j
A_p
A
Obs
RdayRef = −3.55
sigma = 3.96
TPURef = 64.37
VcmaxRef = 76.35
A µmol m^{-2} s^{-1}
10
20
30
100
200
300
400
500
600
700
C_i ppm

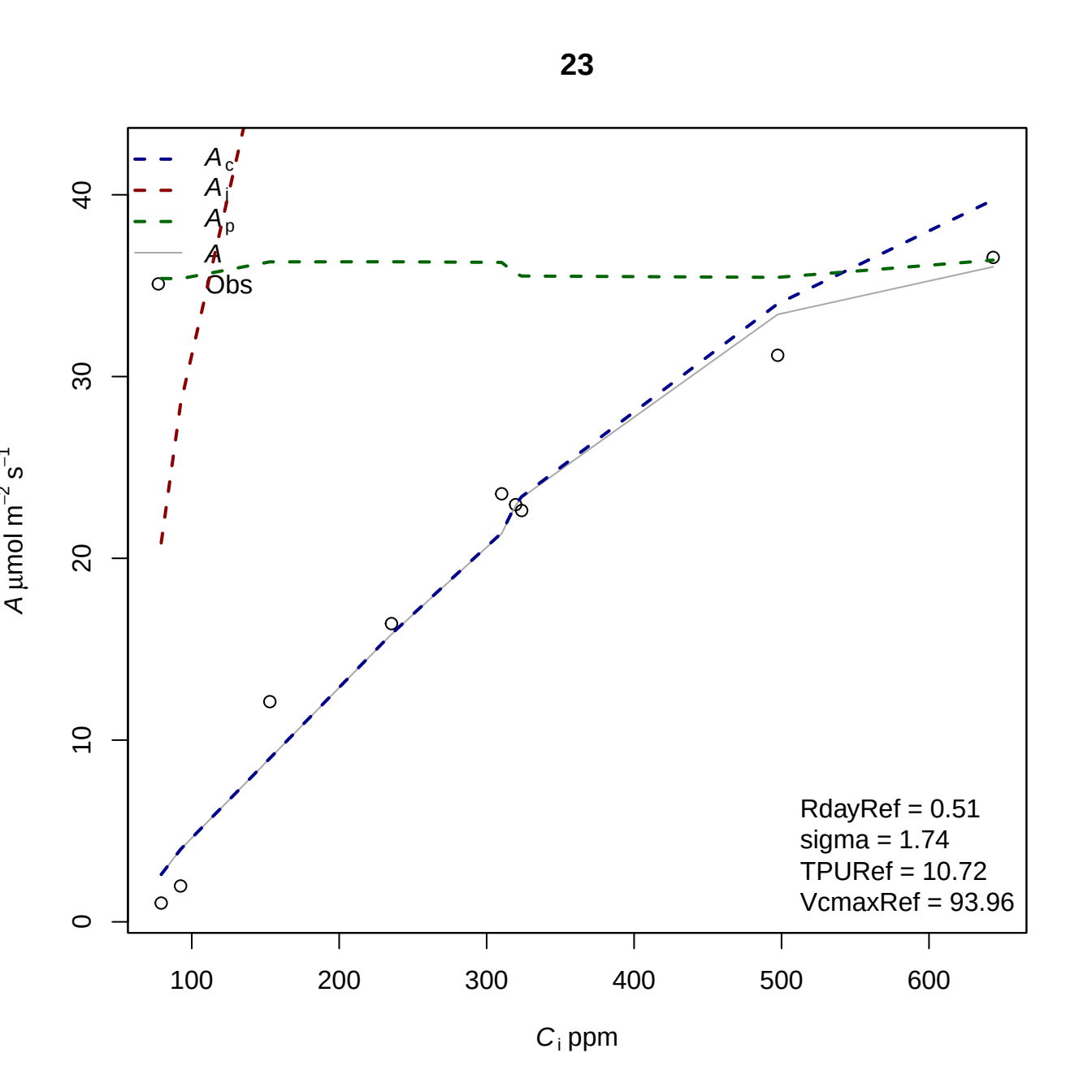

18
A_c
A_j
A_p
A
Obs
RdayRef = −3.22
sigma = 3.51
TPURef = 66.9
VcmaxRef = 76.76
A µmol m^{-2} s^{-1}
10
20
30
100
200
300
400
500
600
C_i ppm

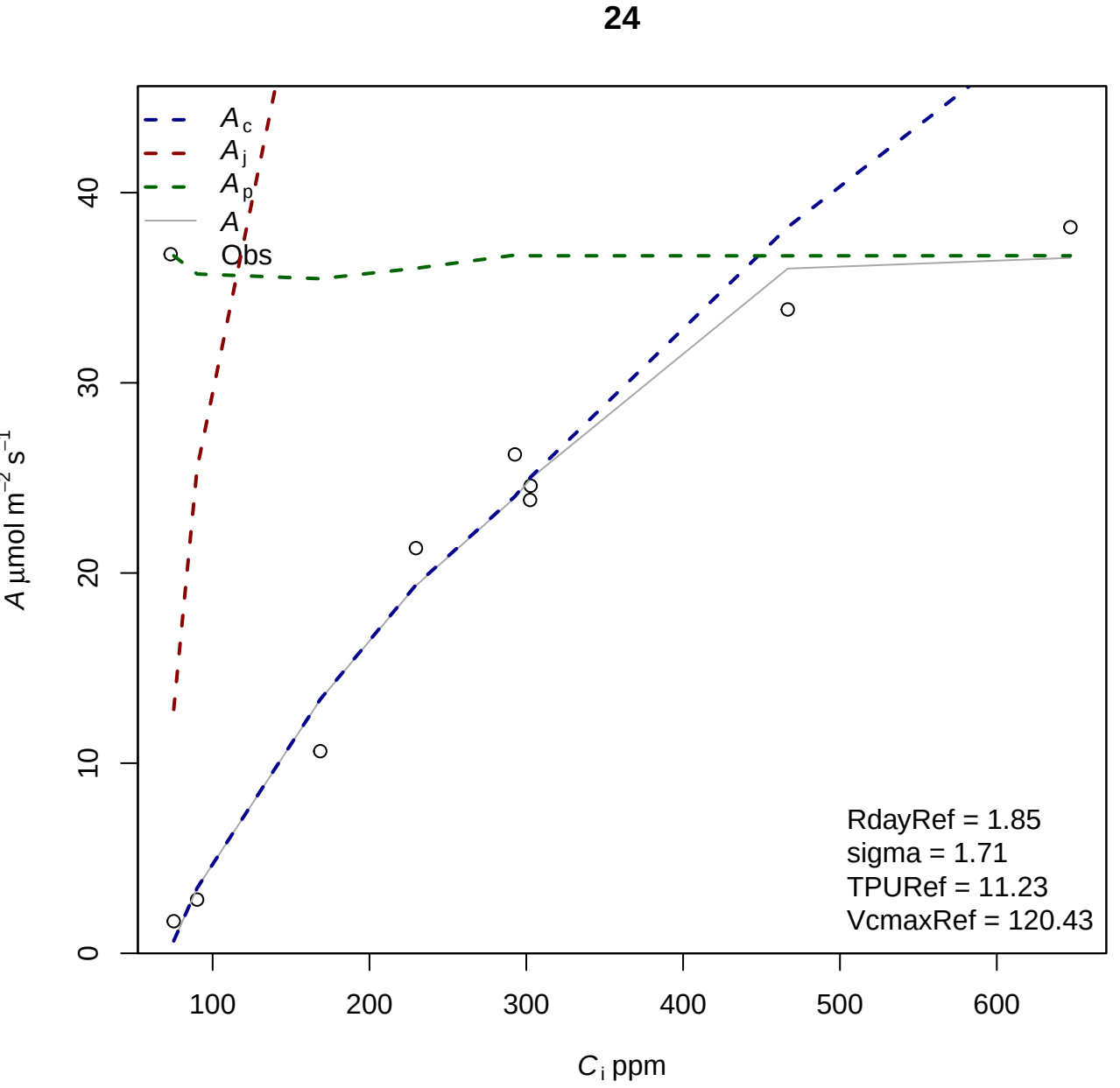

A_c
A_j
A_p
A
Obs
RdayRef = 1.41
sigma = 1.3
TPURef = 9.39
VcmaxRef = 91.56
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
100
200
300
400
500
600

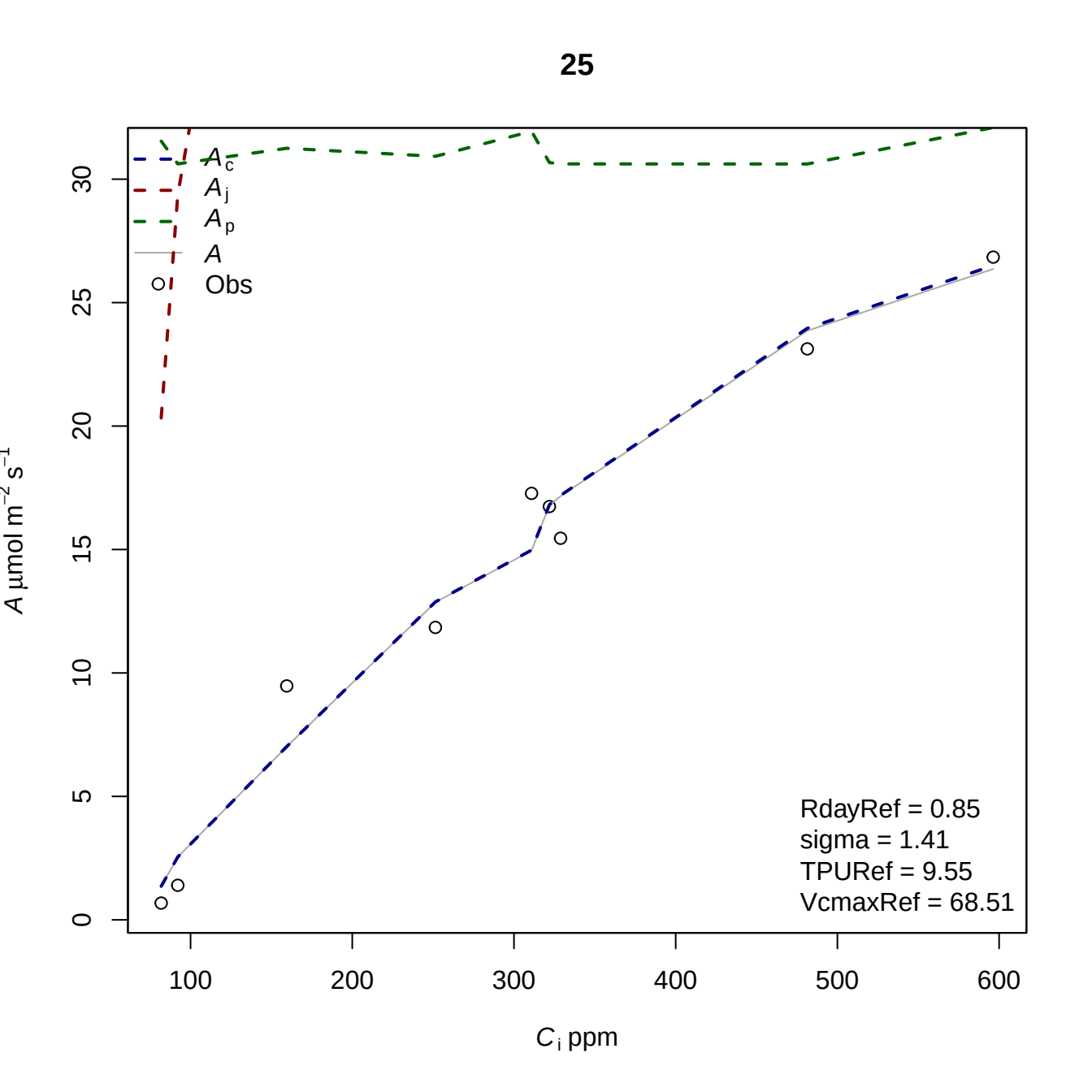

20
A_c
A_j
A_p
A
Obs
RdayRef = 0.82
sigma = 1.36
TPURef = 10.08
VcmaxRef = 111.53
A µmol m^{-2} s^{-1}
C_i ppm
10
20
30
40
100
200
300
400
500
600

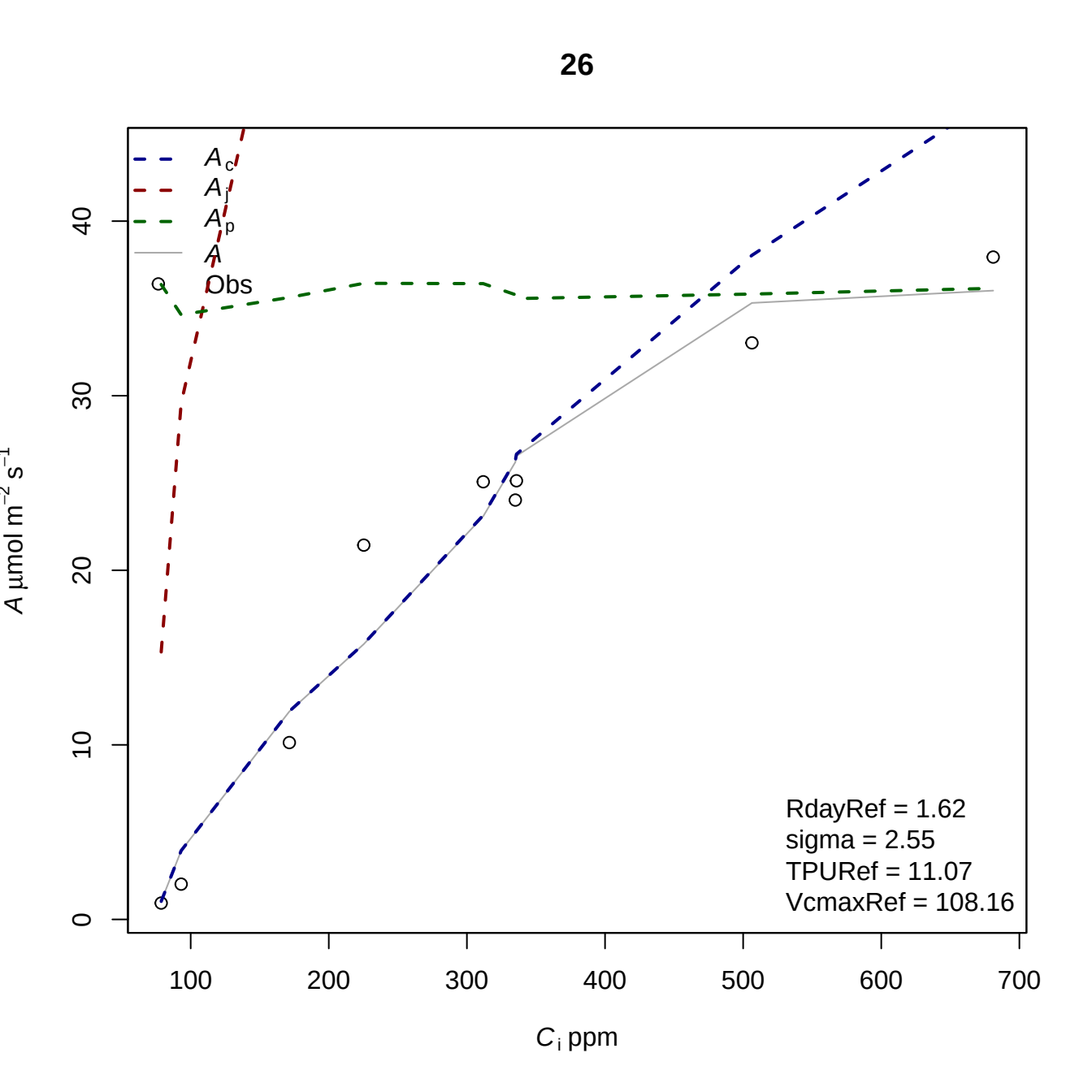

21
A_c
A_j
A_p
A
Obs
RdayRef = 1.88
sigma = 1.67
TPURef = 11.23
VcmaxRef = 111.91
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600
700

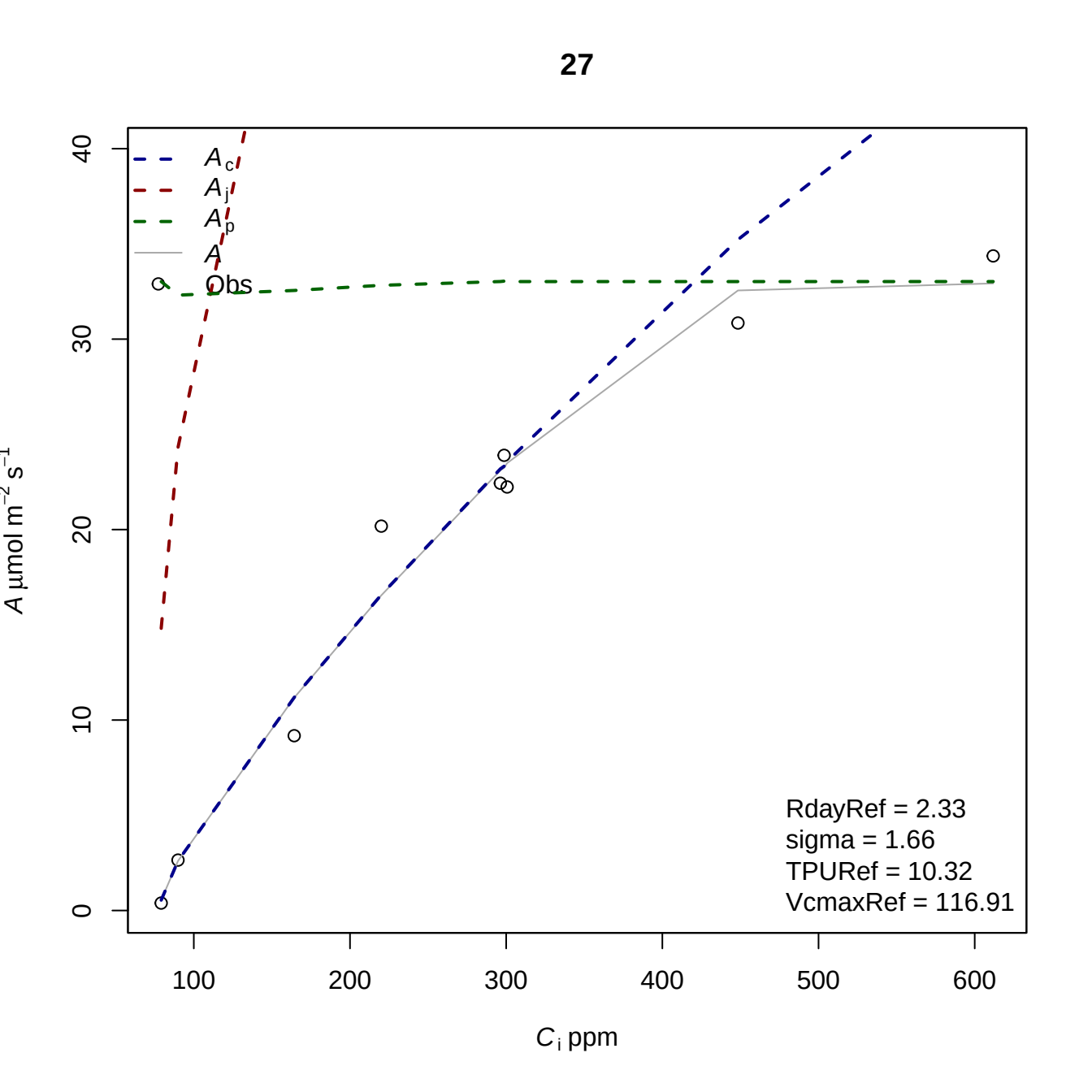

22
A_c
A_j
A_p
A
Obs
RdayRef = 3.12
sigma = 1.56
TPURef = 12.09
VcmaxRef = 110.47
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600

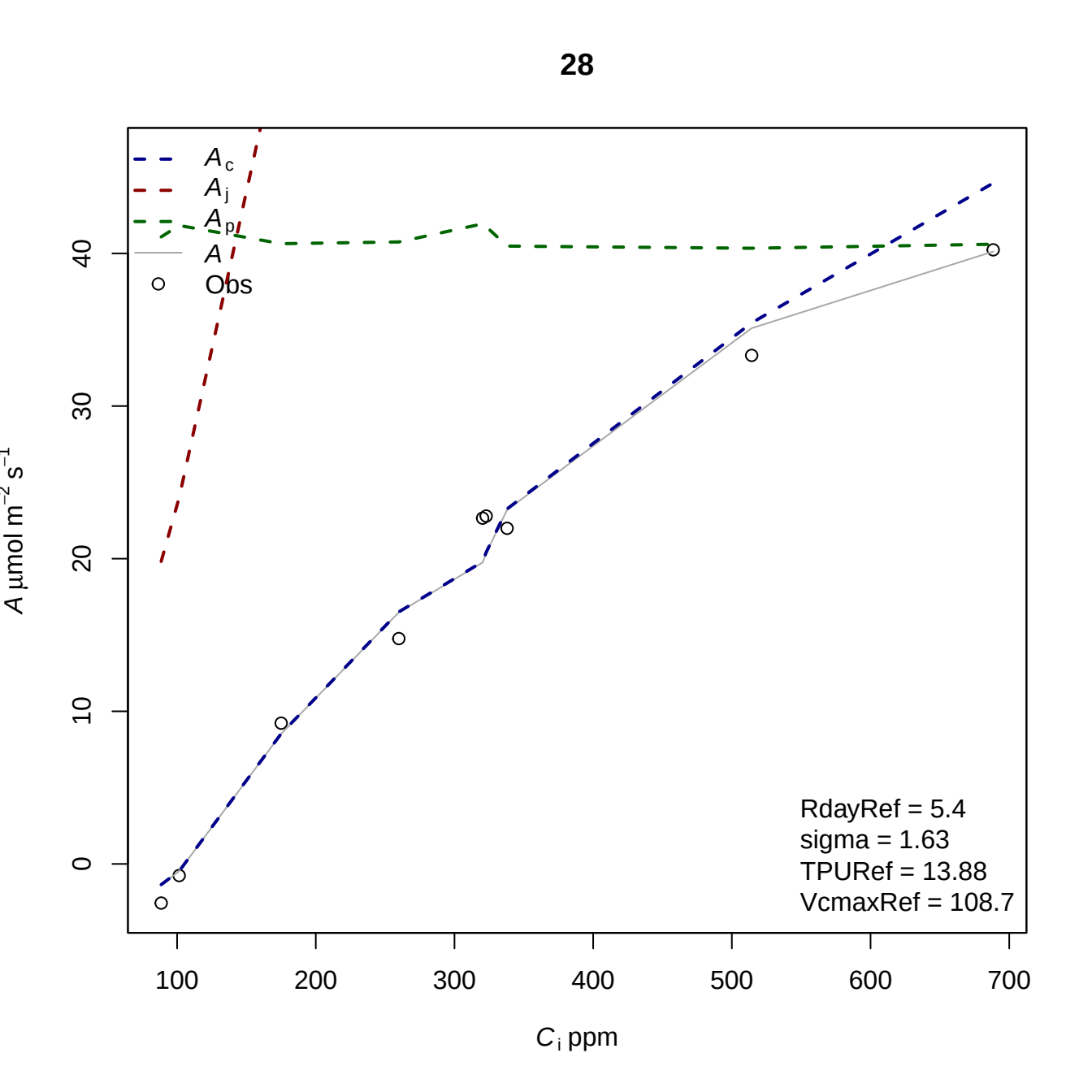

23
A_c
A_j
A_p
A
Obs
RdayRef = 0.51
sigma = 1.74
TPURef = 10.72
VcmaxRef = 93.96
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600

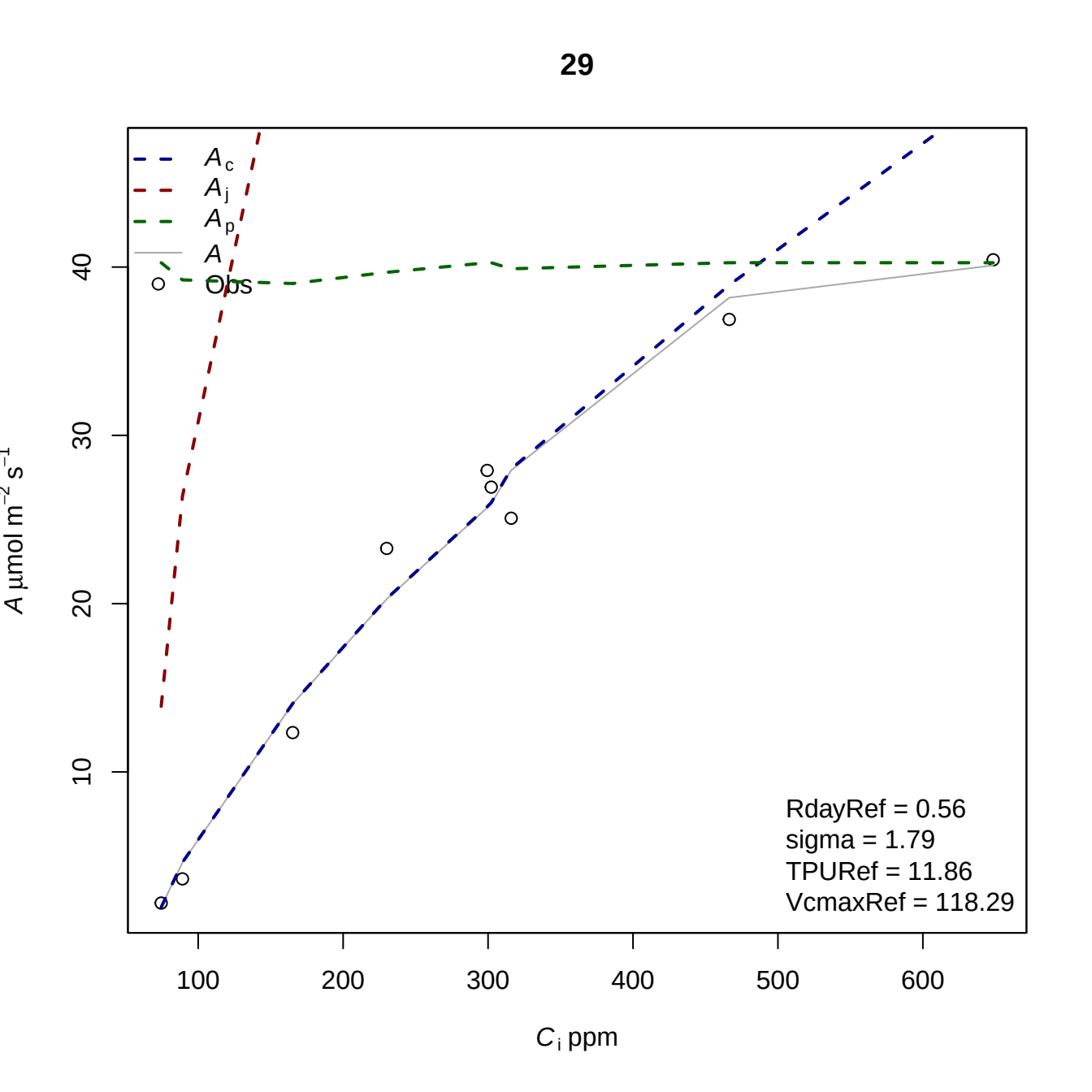

24
A_c
A_j
A_p
A
Obs
RdayRef = 1.85
sigma = 1.71
TPURef = 11.23
VcmaxRef = 120.43
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600

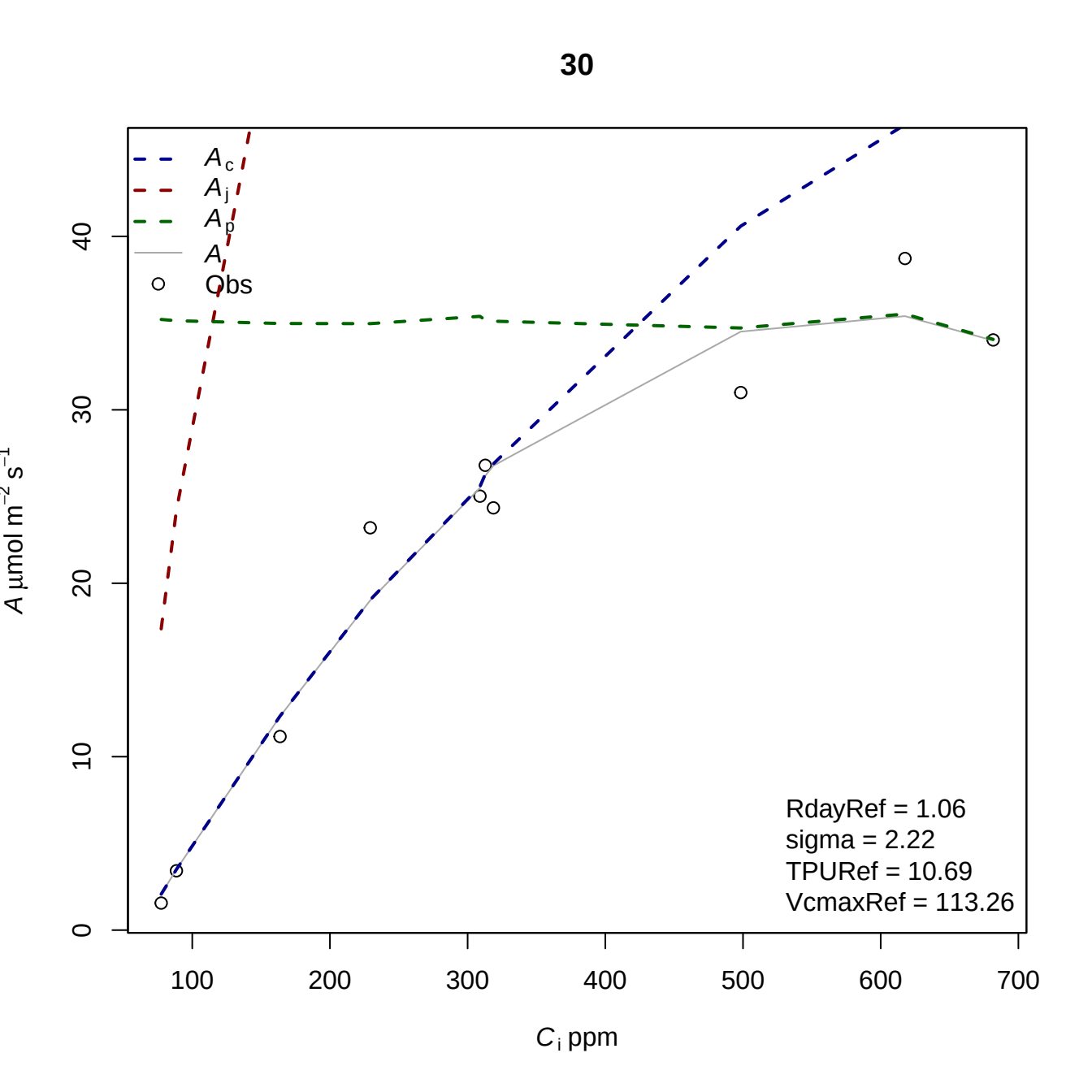

25
A_c
A_j
A_p
A
Obs
RdayRef = 0.85
sigma = 1.41
TPURef = 9.55
VcmaxRef = 68.51
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
100
200
300
400
500
600

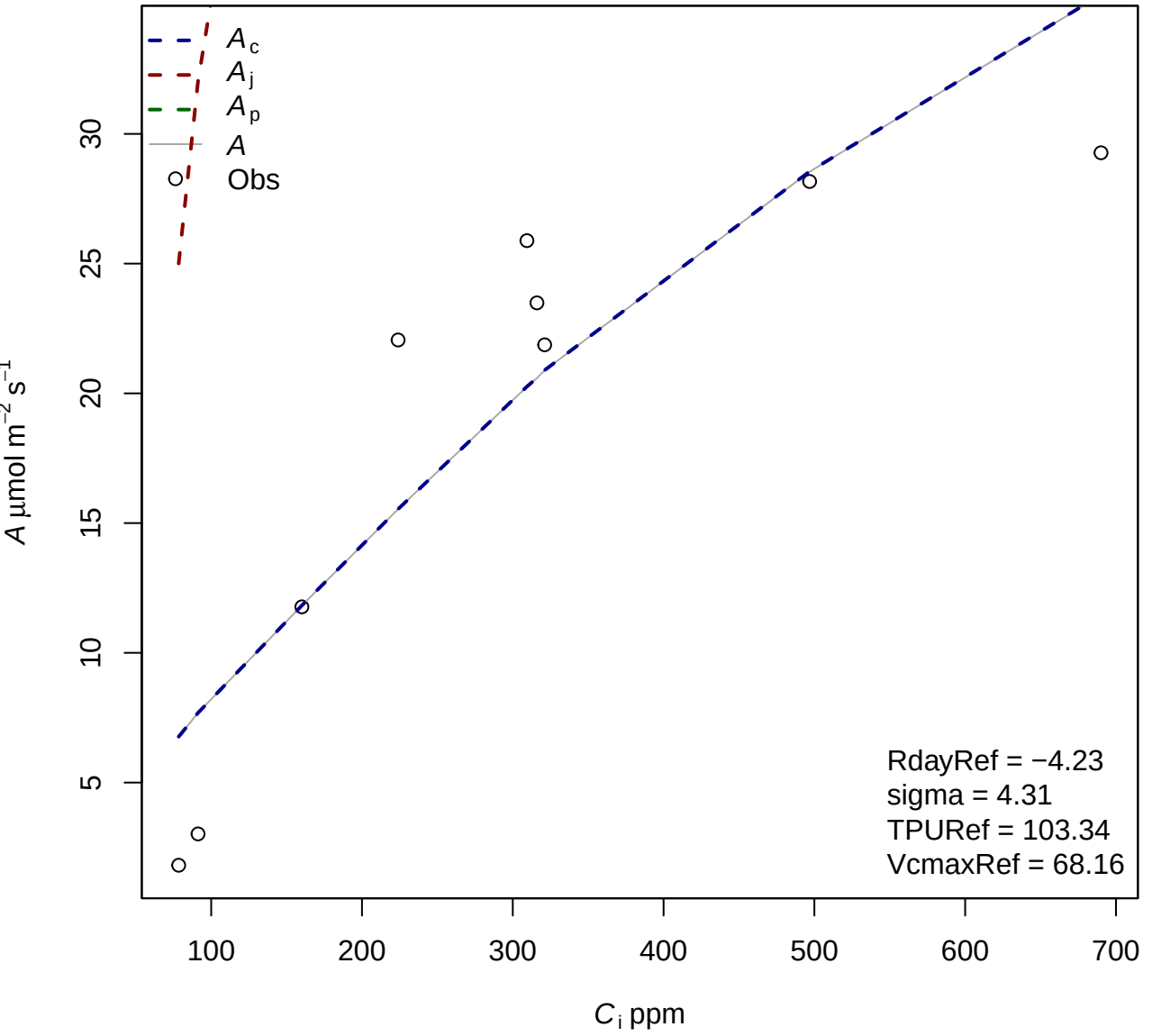

26
A_c
A_j
A_p
A
Obs
RdayRef = 1.62
sigma = 2.55
TPURef = 11.07
VcmaxRef = 108.16
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600
700

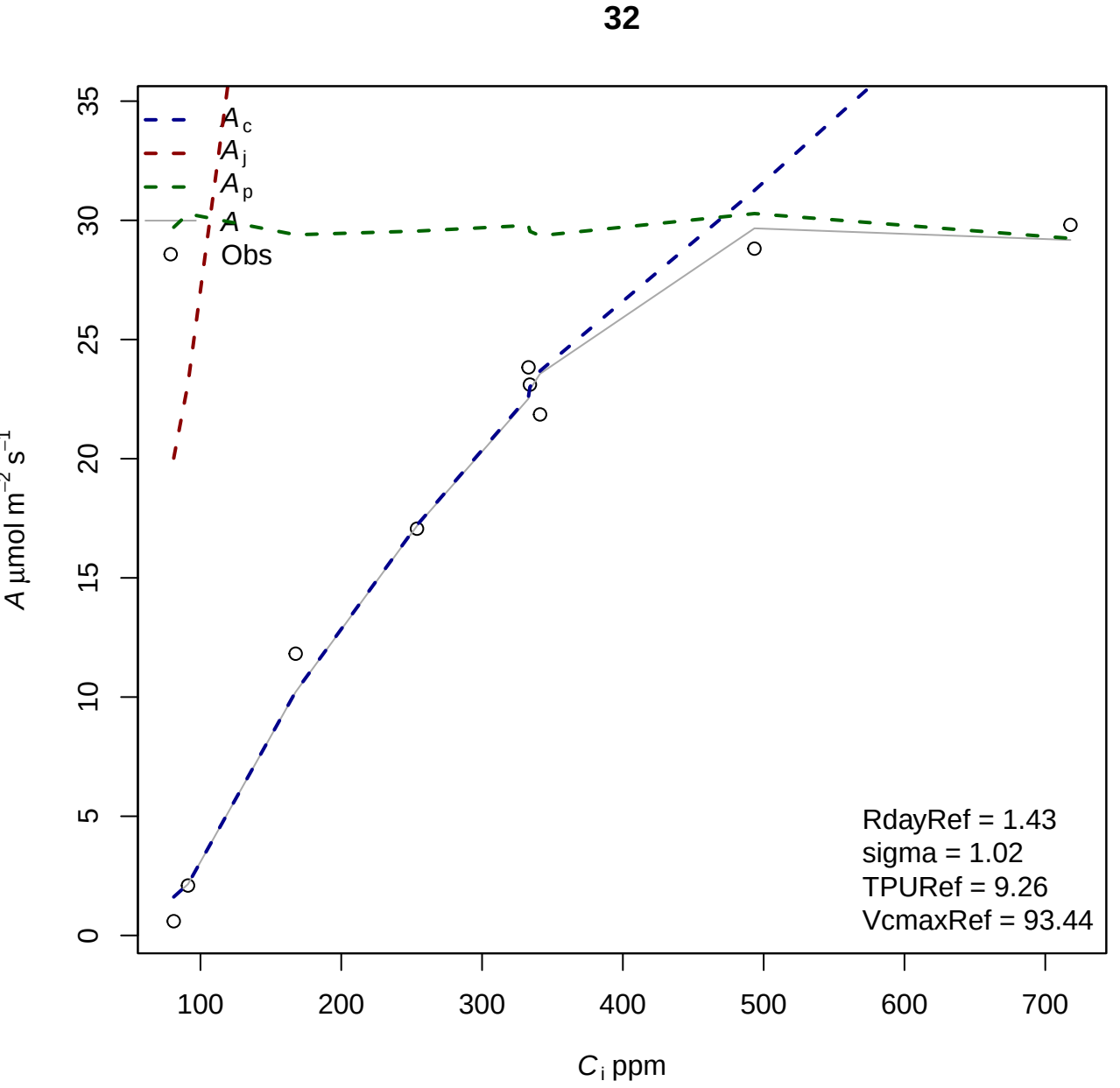

27
A_c
A_j
A_p
A
Obs
RdayRef = 2.33
sigma = 1.66
TPURef = 10.32
VcmaxRef = 116.91
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600

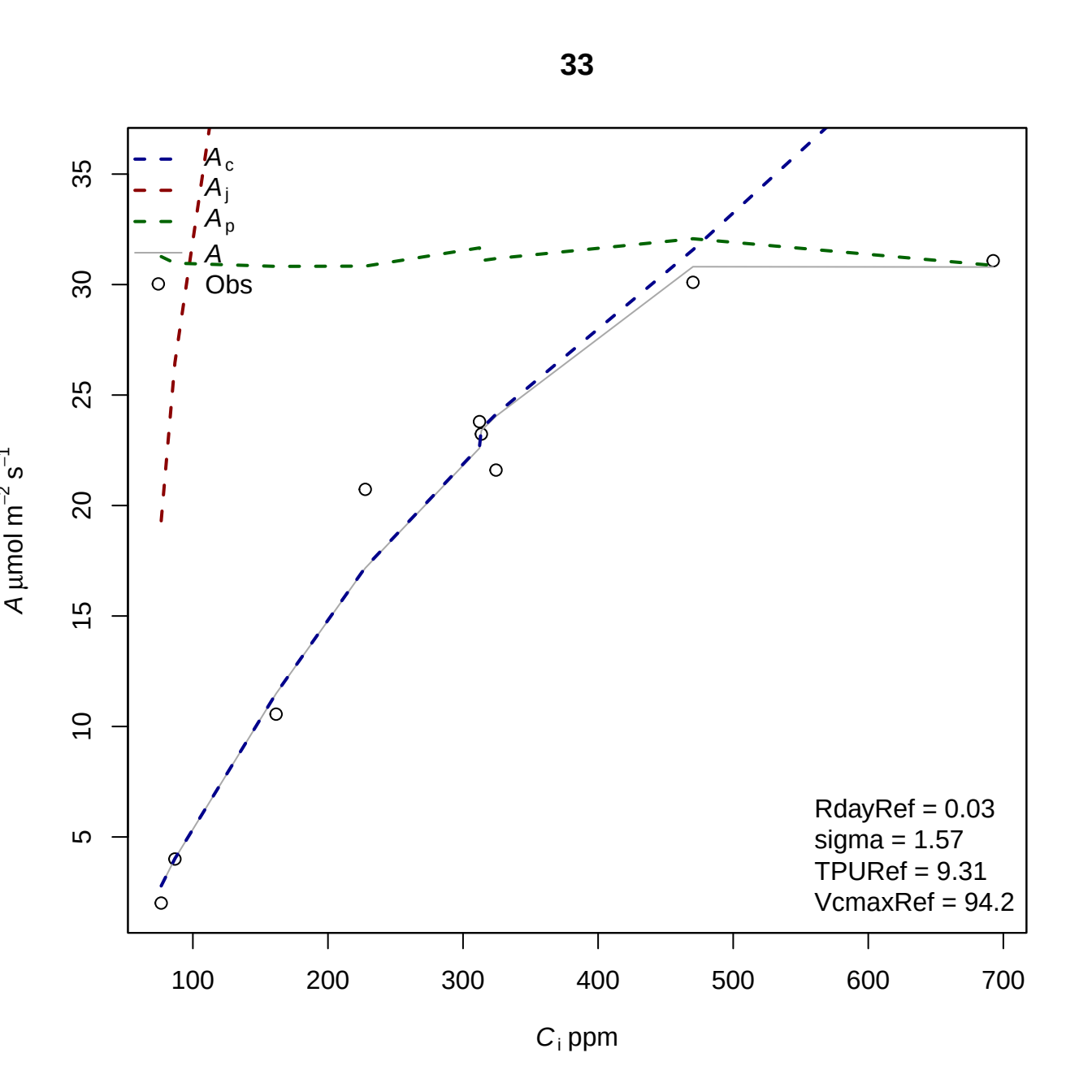

28
A_c
A_j
A_p
A
Obs
RdayRef = 5.4
sigma = 1.63
TPURef = 13.88
VcmaxRef = 108.7
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600
700

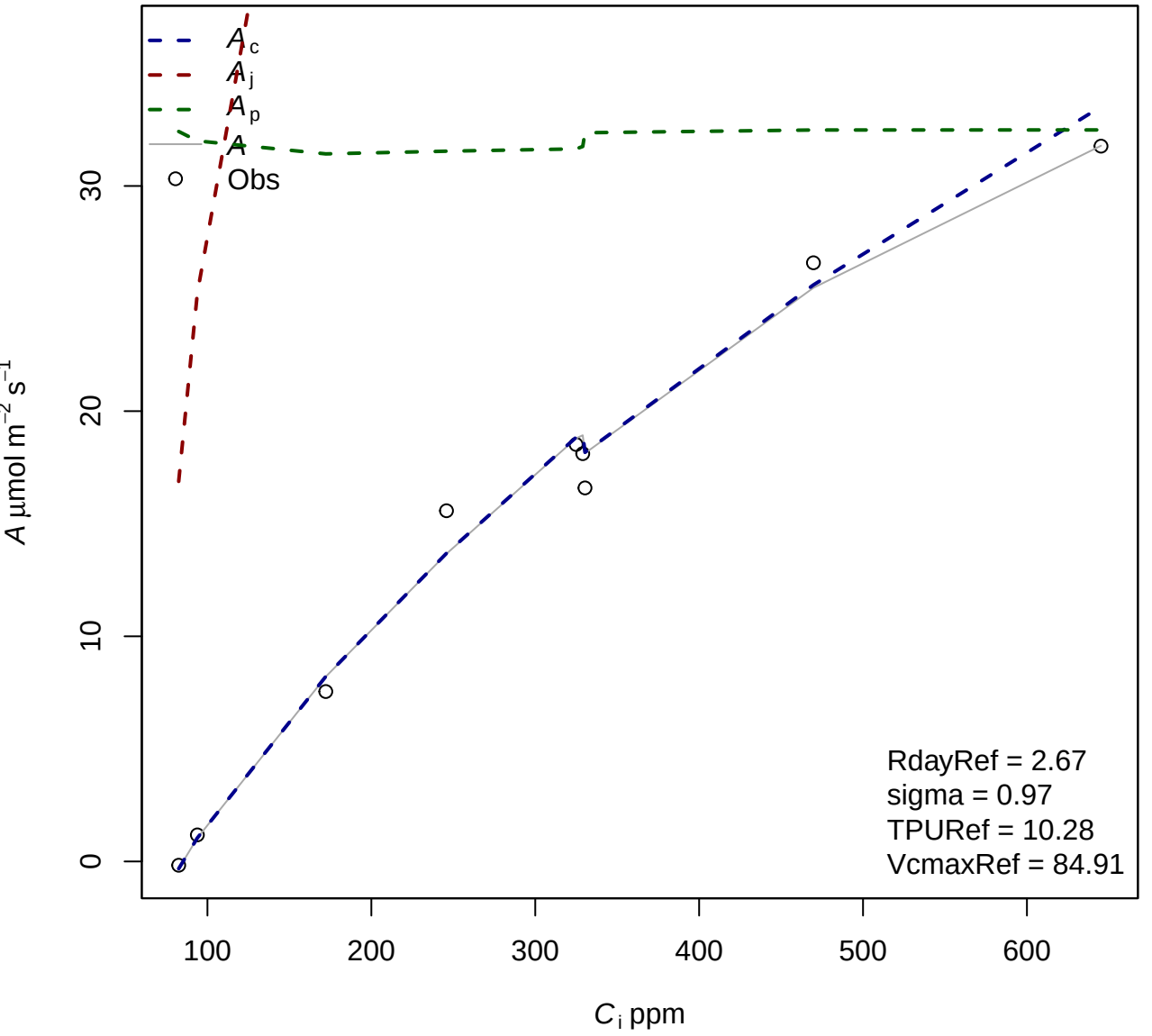

29
A_c
A_j
A_p
A
Obs
RdayRef = 0.56
sigma = 1.79
TPURef = 11.86
VcmaxRef = 118.29
A µmol m^{-2} s^{-1}
C_i ppm
10
20
30
40
100
200
300
400
500
600

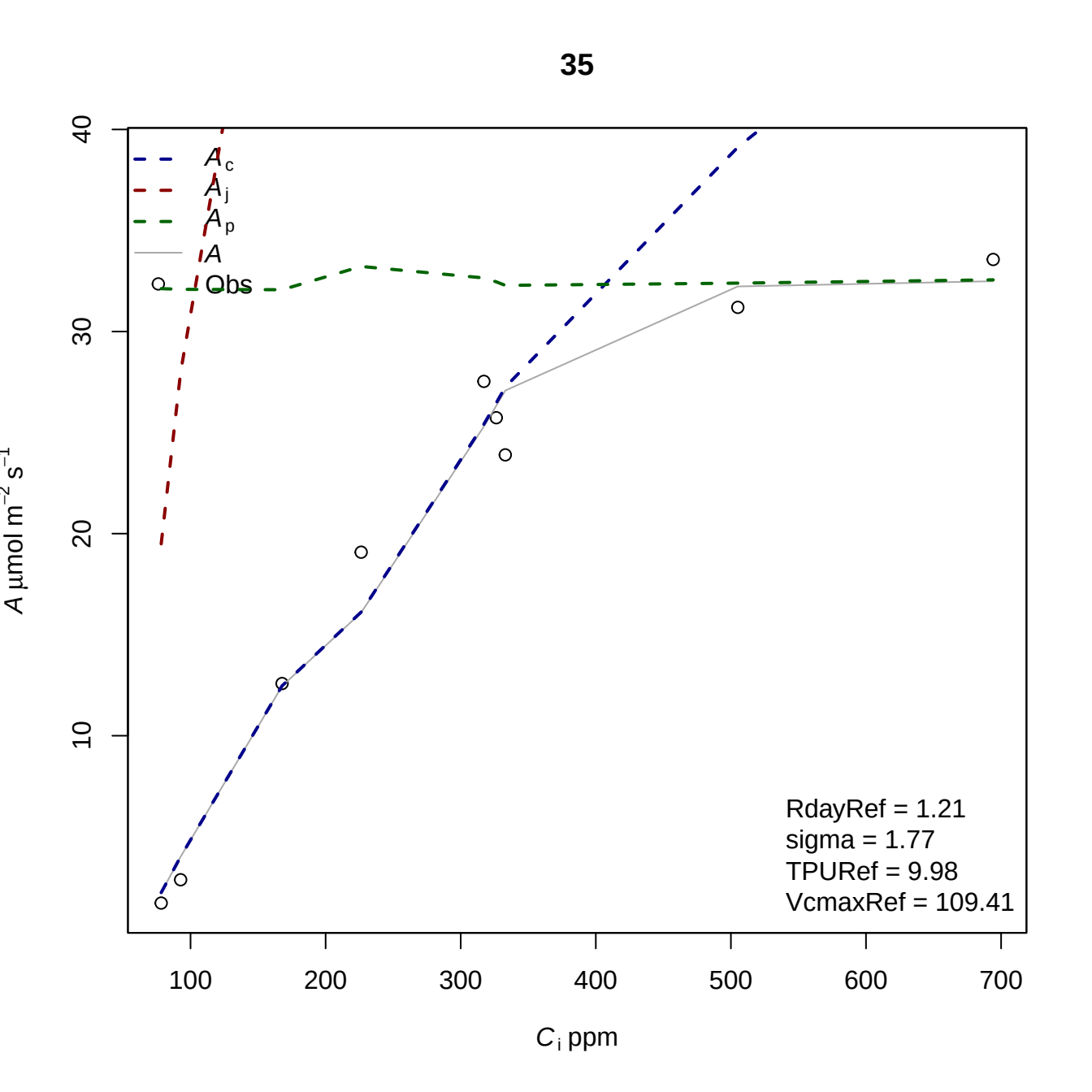

30
A_c
A_j
A_p
A_n
Obs
RdayRef = 1.06
sigma = 2.22
TPURef = 10.69
VcmaxRef = 113.26
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600
700

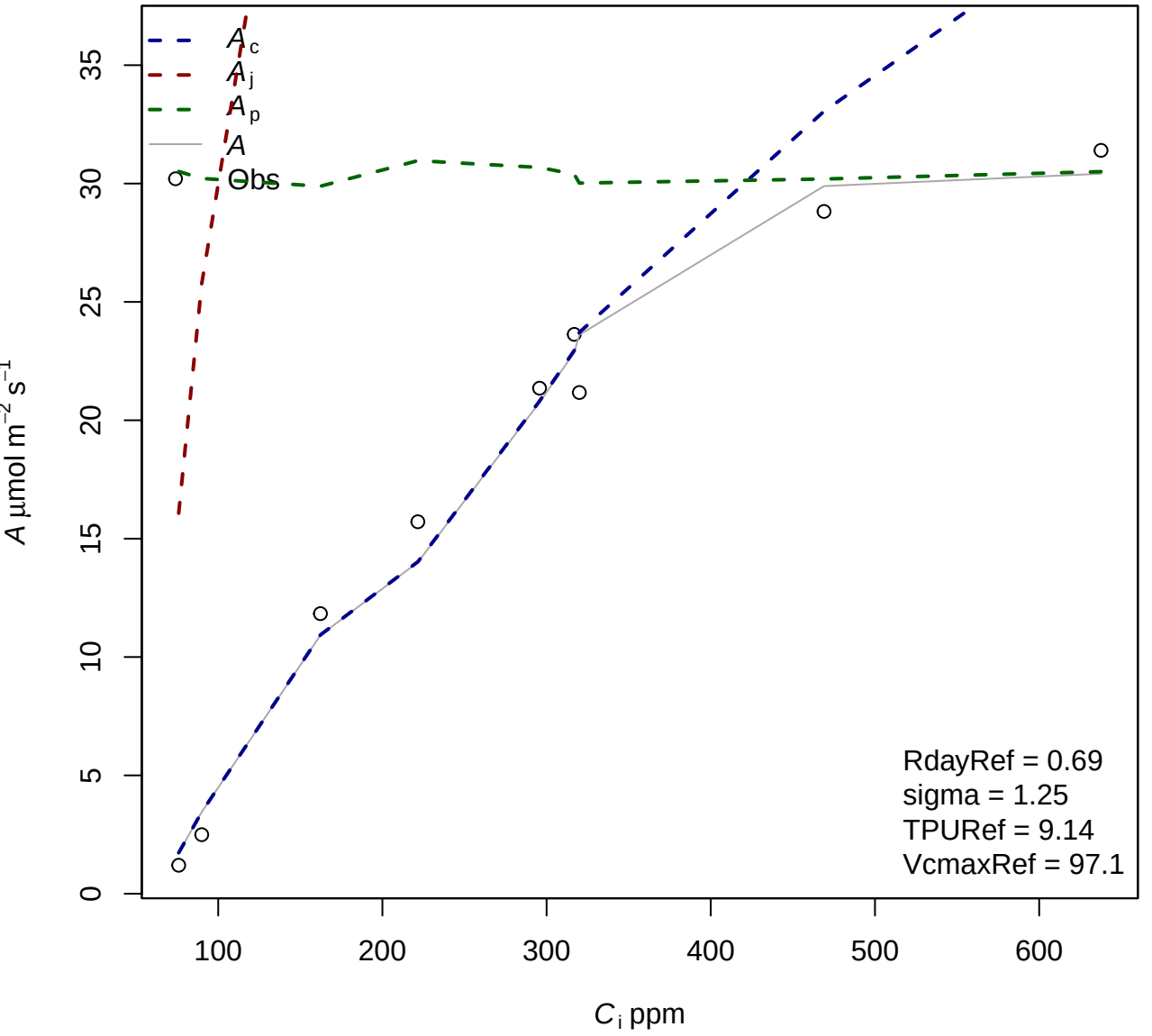

A_c
A_j
A_p
A
Obs
RdayRef = −4.23
sigma = 4.31
TPURef = 103.34
VcmaxRef = 68.16
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
30
100
200
300
400
500
600
700

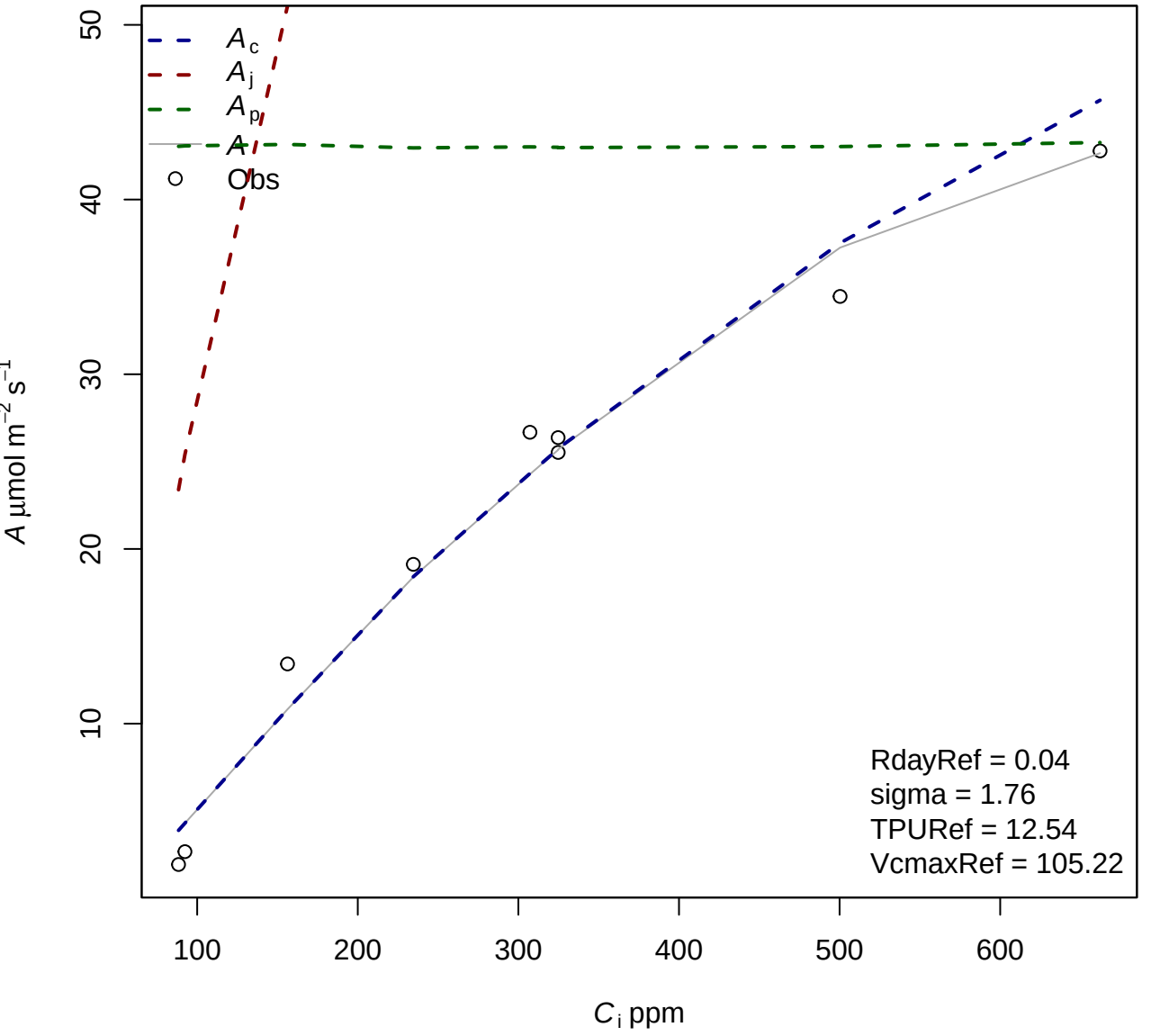

32
A_c
A_j
A_p
A
Obs
RdayRef = 1.43
sigma = 1.02
TPURef = 9.26
VcmaxRef = 93.44
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
100
200
300
400
500
600
700

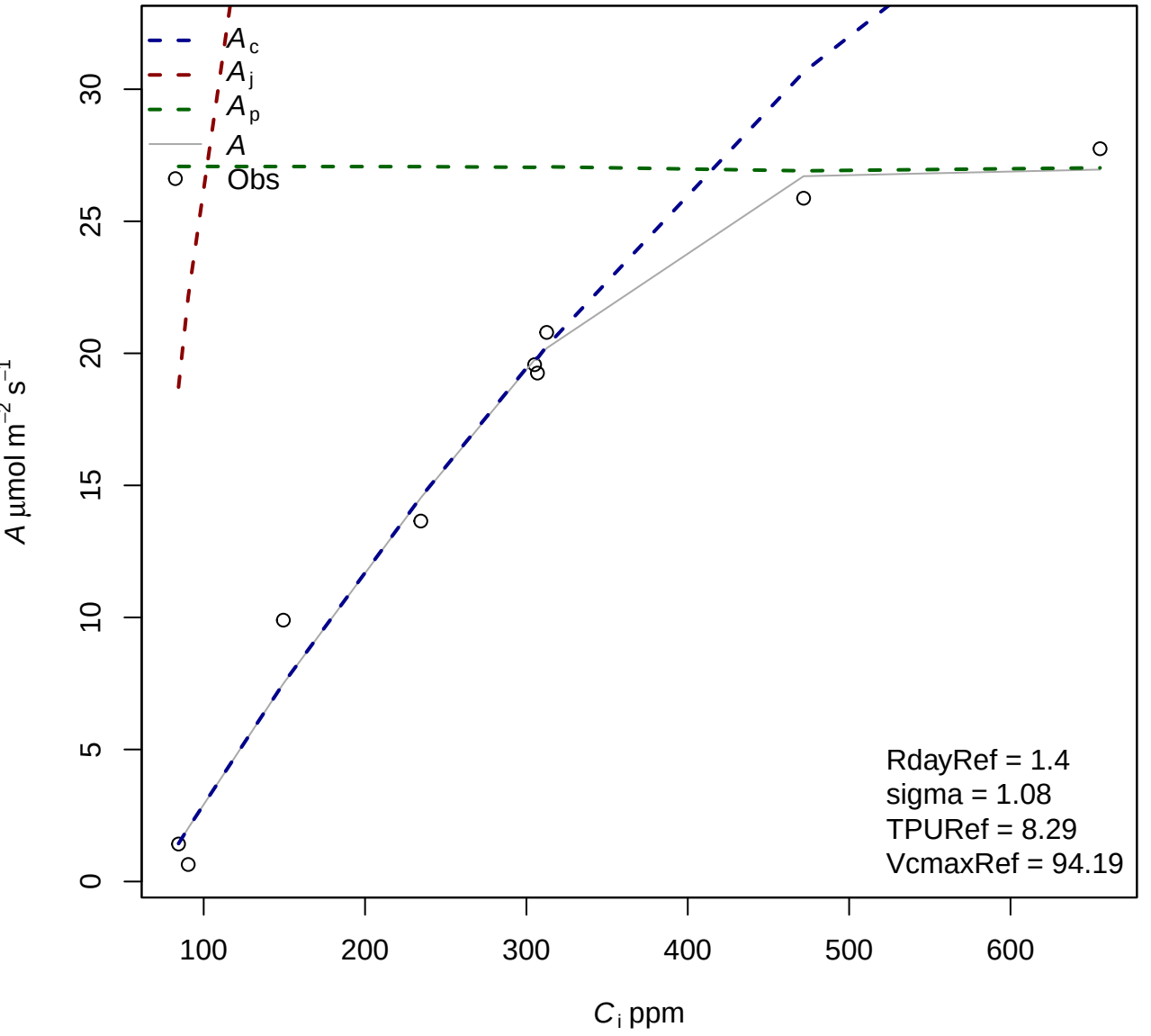

33
A_c
A_j
A_p
A
Obs
RdayRef = 0.03
sigma = 1.57
TPURef = 9.31
VcmaxRef = 94.2
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
30
35
100
200
300
400
500
600
700

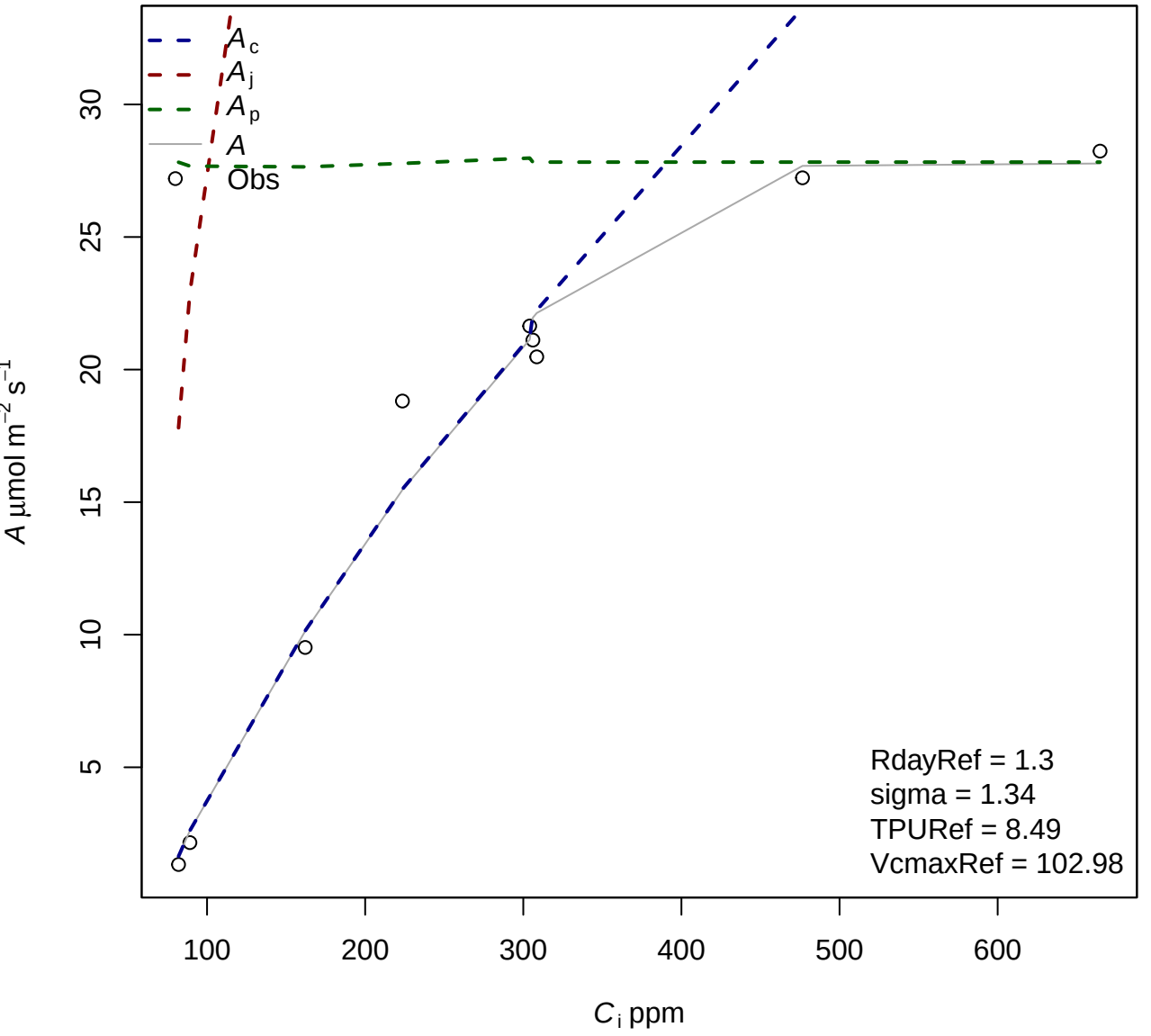

A_c
A_j
A_p
A
Obs
RdayRef = 2.67
sigma = 0.97
TPURef = 10.28
VcmaxRef = 84.91
0
10
20
30
100
200
300
400
500
600
A µmol m^{-2} s^{-1}
C_i ppm

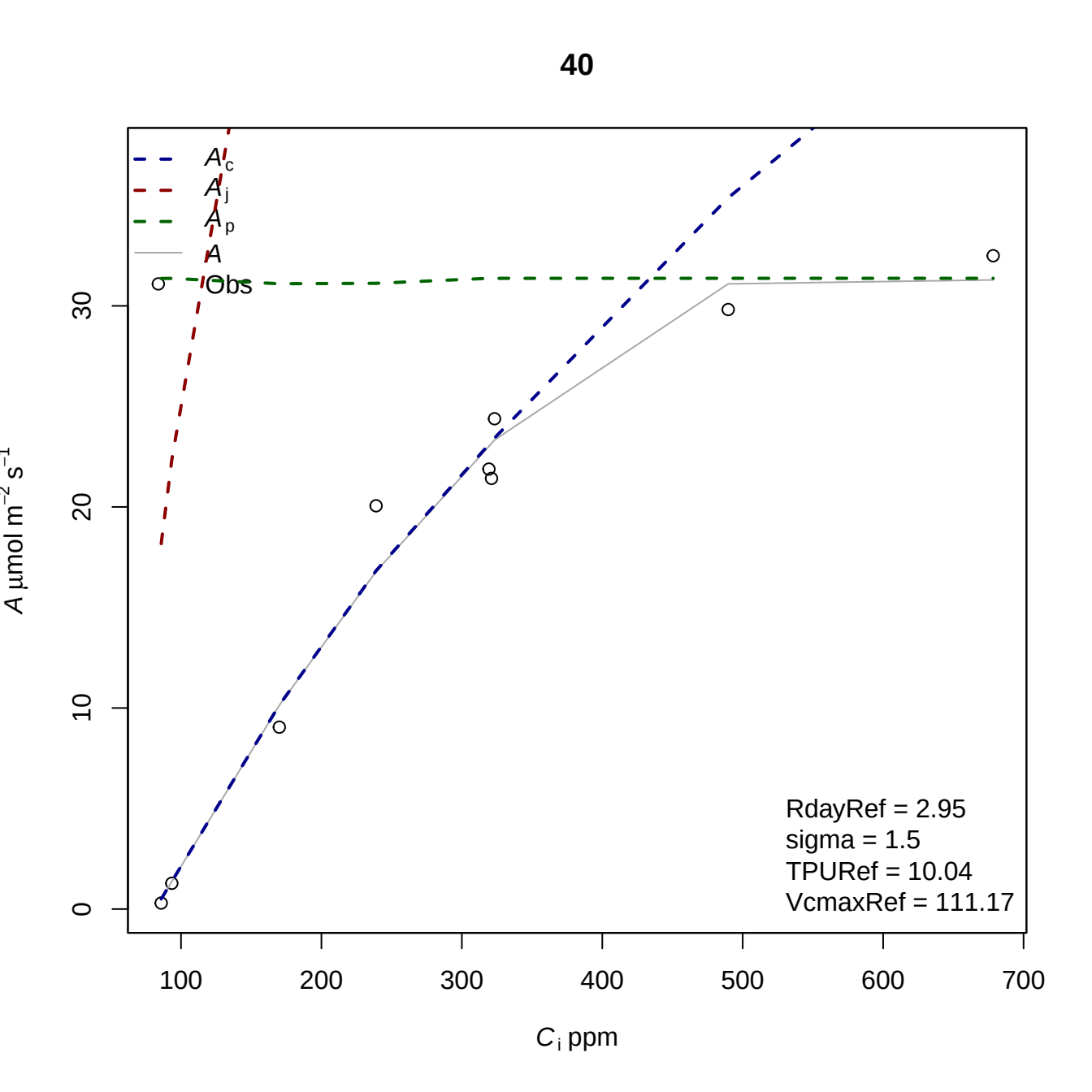

35
A_c
A_j
A_p
A
Obs
RdayRef = 1.21
sigma = 1.77
TPURef = 9.98
VcmaxRef = 109.41
A µmol m^{-2} s^{-1}
C_i ppm
10
20
30
40
100
200
300
400
500
600
700

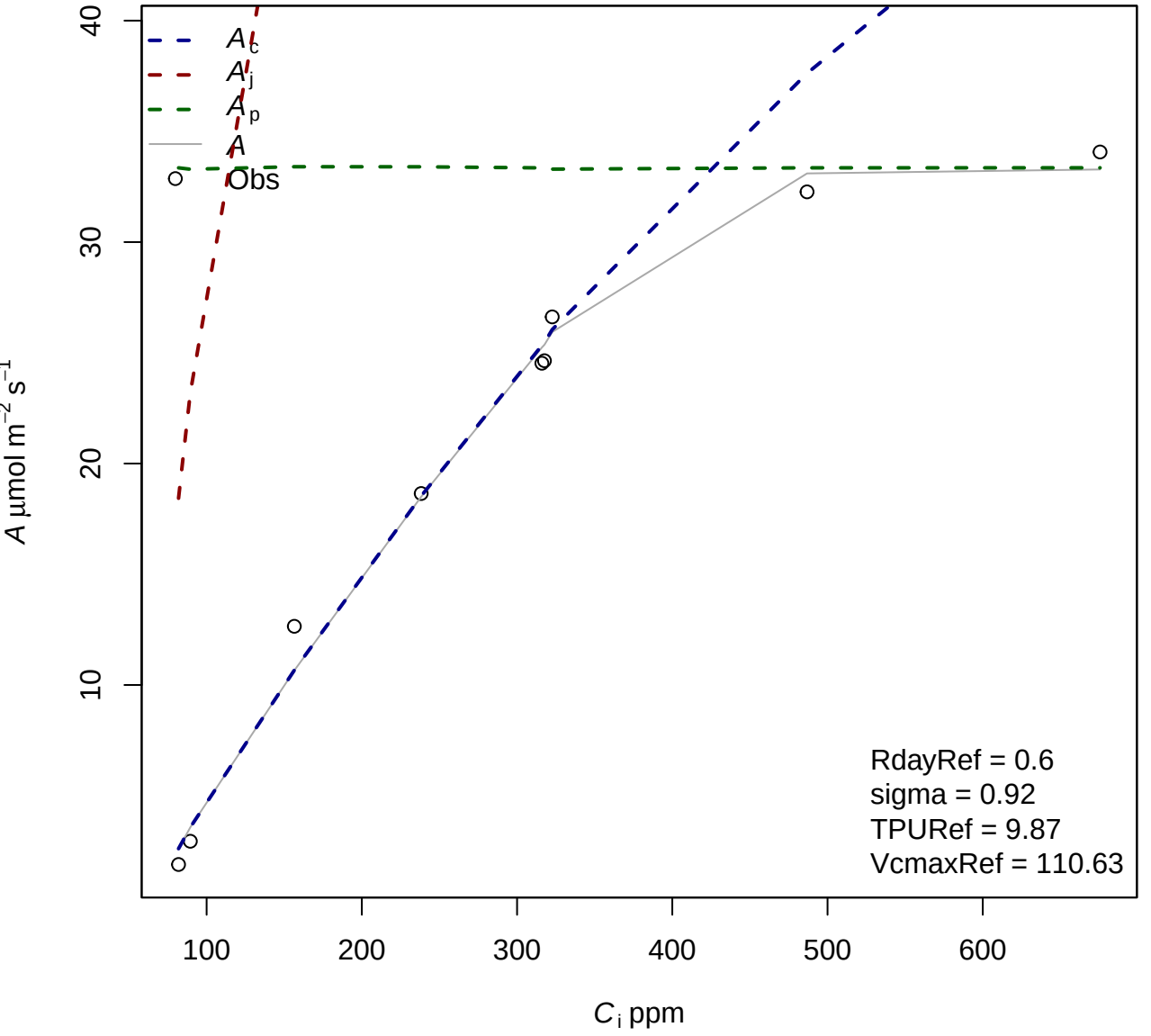

A_c
A_j
A_p
A
Obs
RdayRef = 0.69
sigma = 1.25
TPURef = 9.14
VcmaxRef = 97.1
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
100
200
300
400
500
600

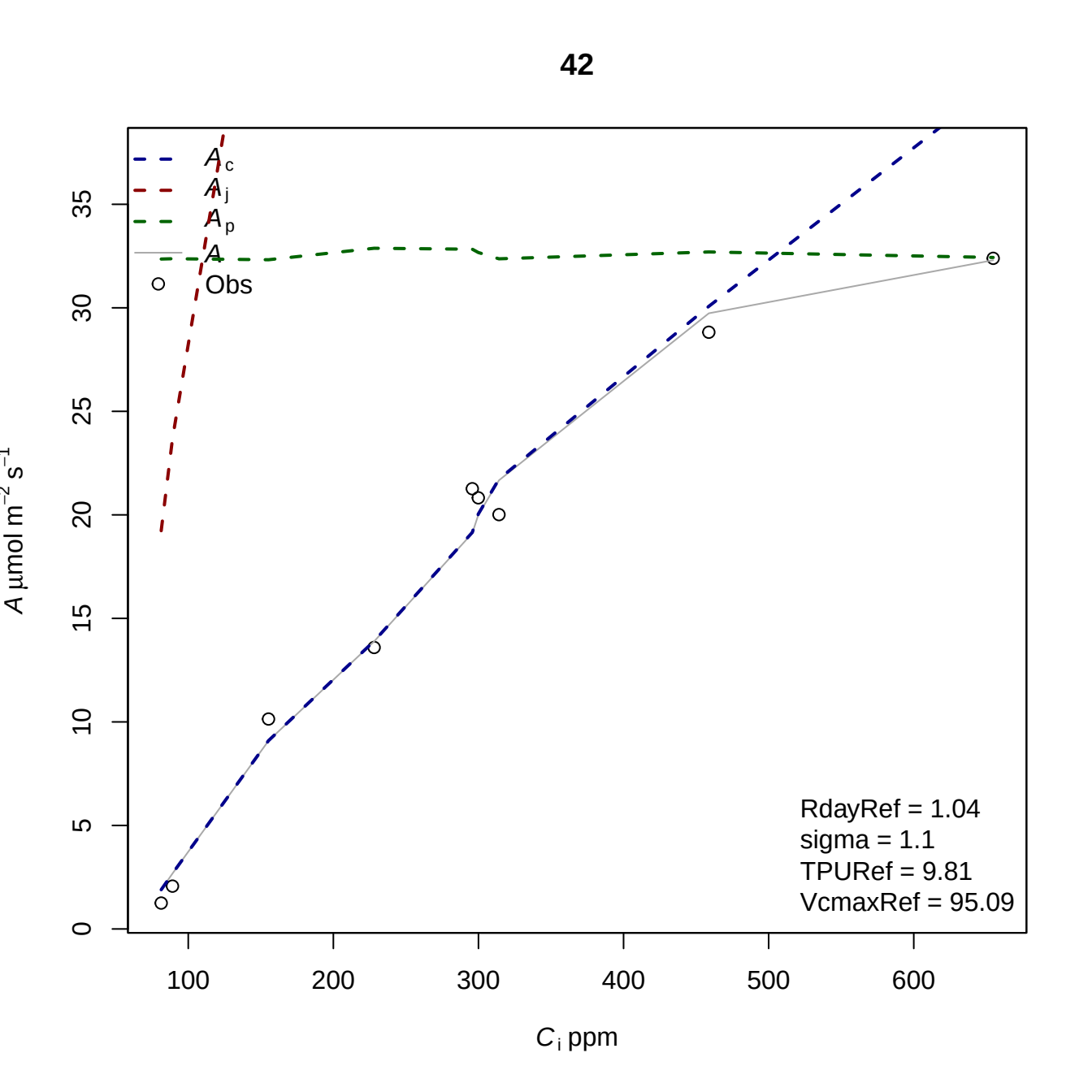

A_c
A_j
A_p
A
Obs
RdayRef = 0.04
sigma = 1.76
TPURef = 12.54
VcmaxRef = 105.22
A µmol m^{-2} s^{-1}
C_i ppm
10
20
30
40
50
100
200
300
400
500
600

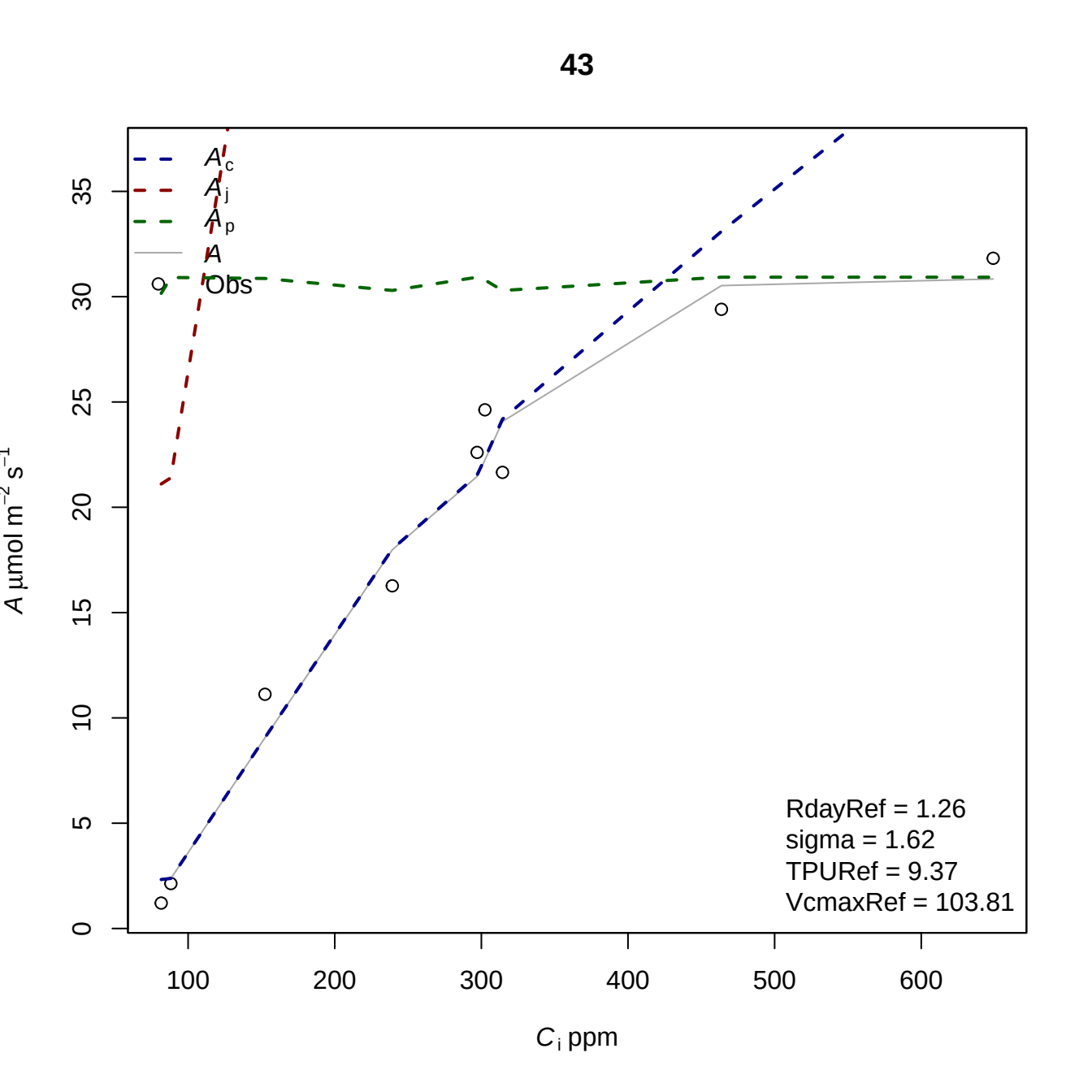

A_c
A_j
A_p
A
Obs
RdayRef = 1.4
sigma = 1.08
TPURef = 8.29
VcmaxRef = 94.19
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
100
200
300
400
500
600

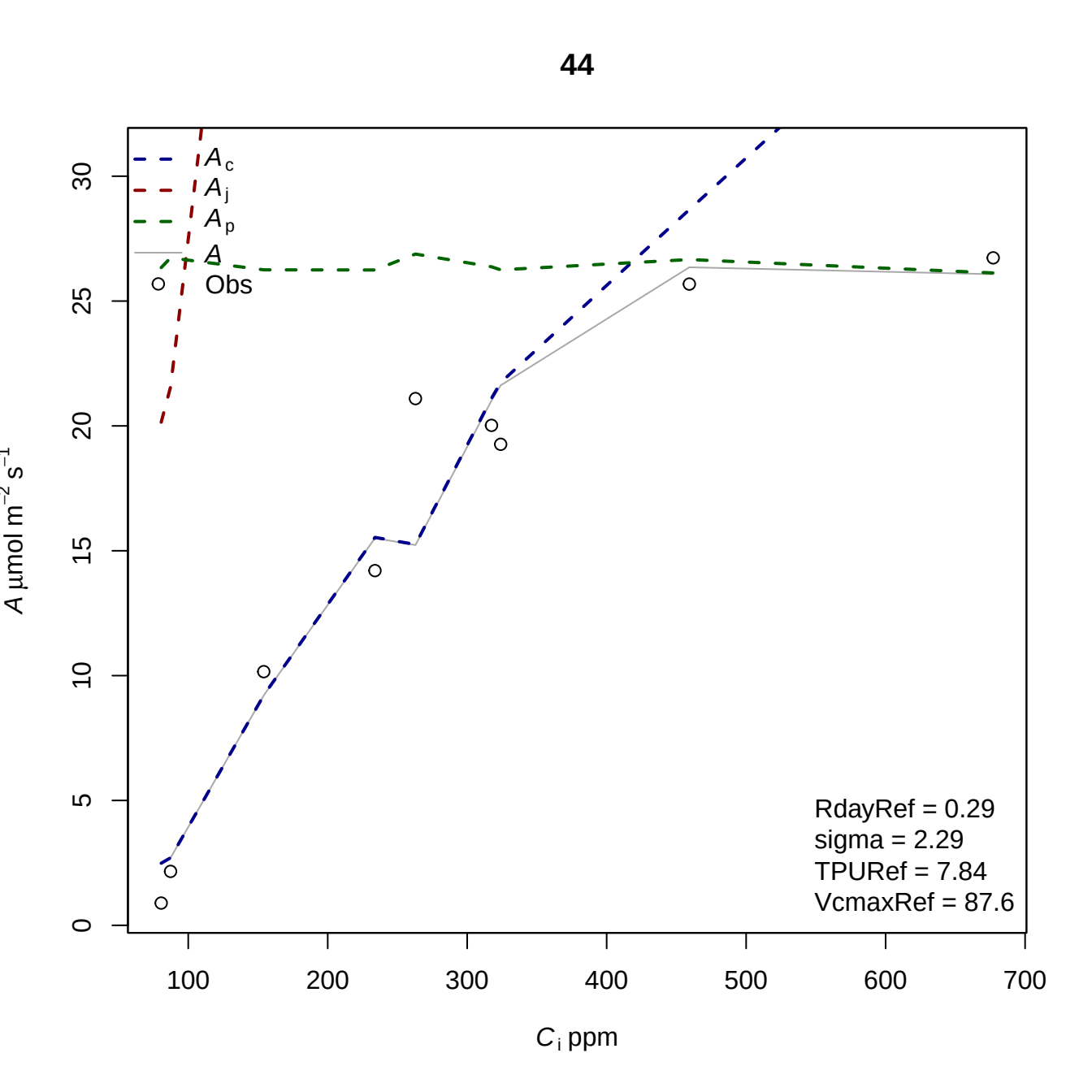

A_c
A_j
A_p
A
Obs
RdayRef = 1.3
sigma = 1.34
TPURef = 8.49
VcmaxRef = 102.98
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
30
100
200
300
400
500
600

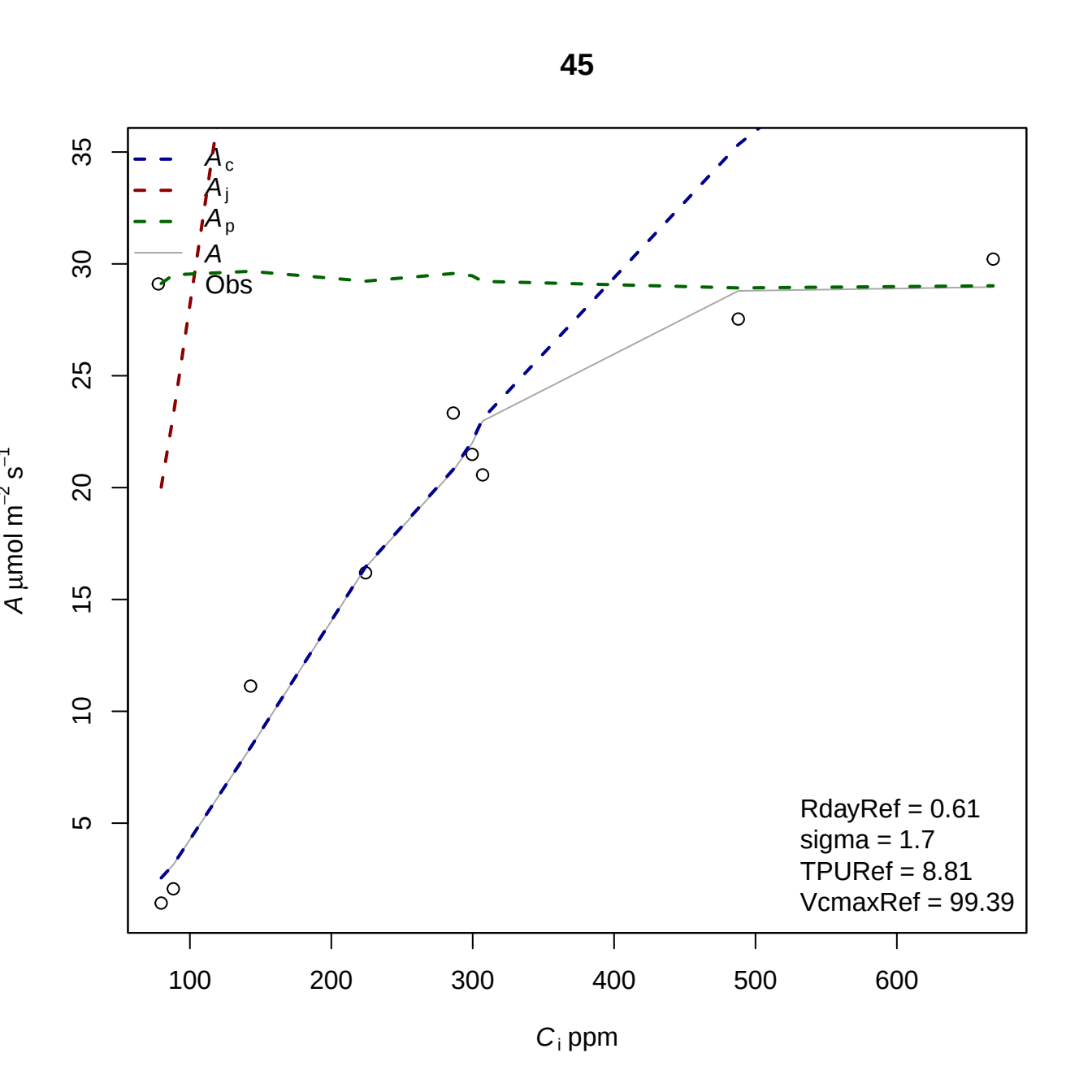

40
A_c
A_j
A_p
A
Obs
RdayRef = 2.95
sigma = 1.5
TPURef = 10.04
VcmaxRef = 111.17
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
100
200
300
400
500
600
700

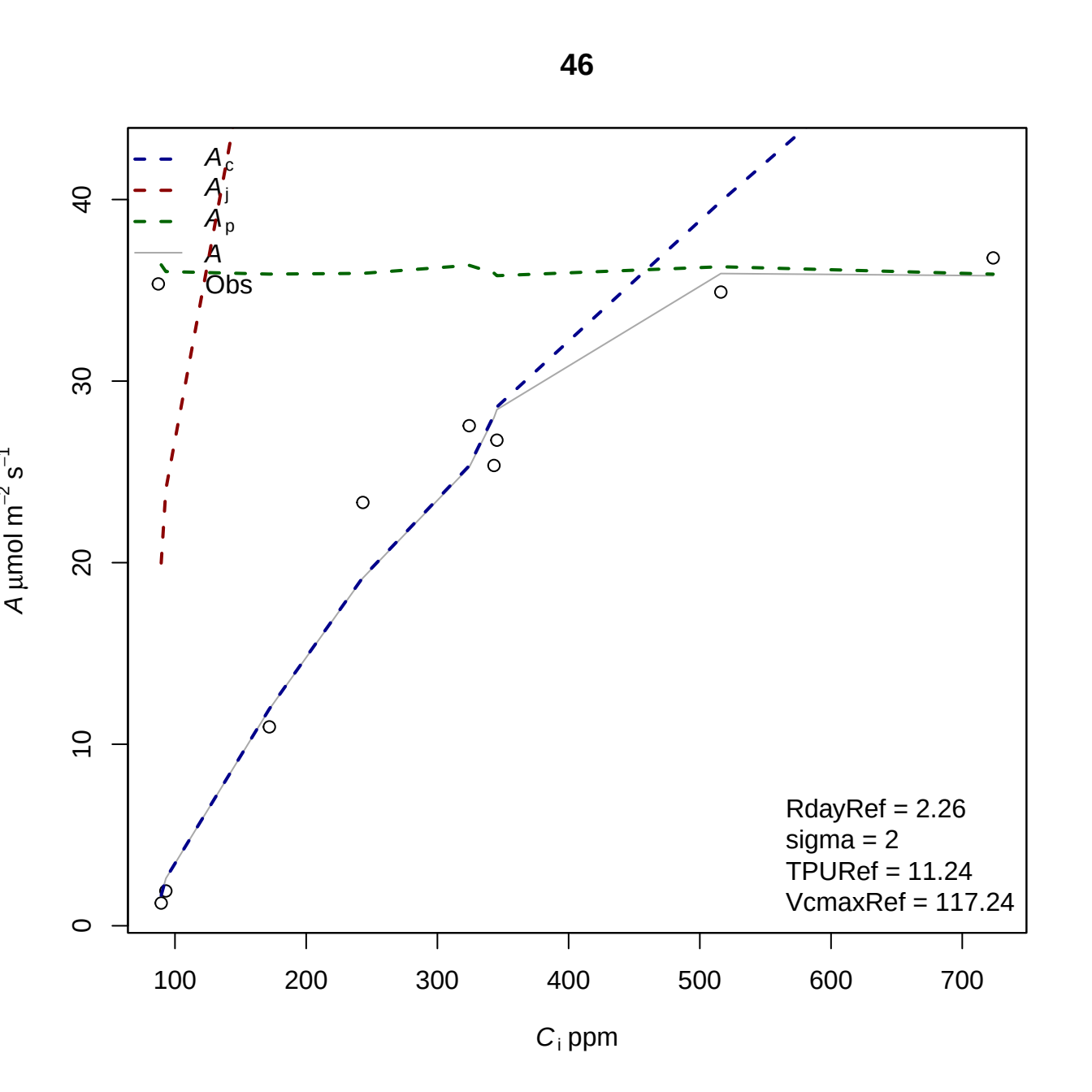

A_c
A_j
A_p
A
Obs
RdayRef = 0.6
sigma = 0.92
TPURef = 9.87
VcmaxRef = 110.63
A µmol m^{-2} s^{-1}
C_i ppm
10
20
30
40
100
200
300
400
500
600

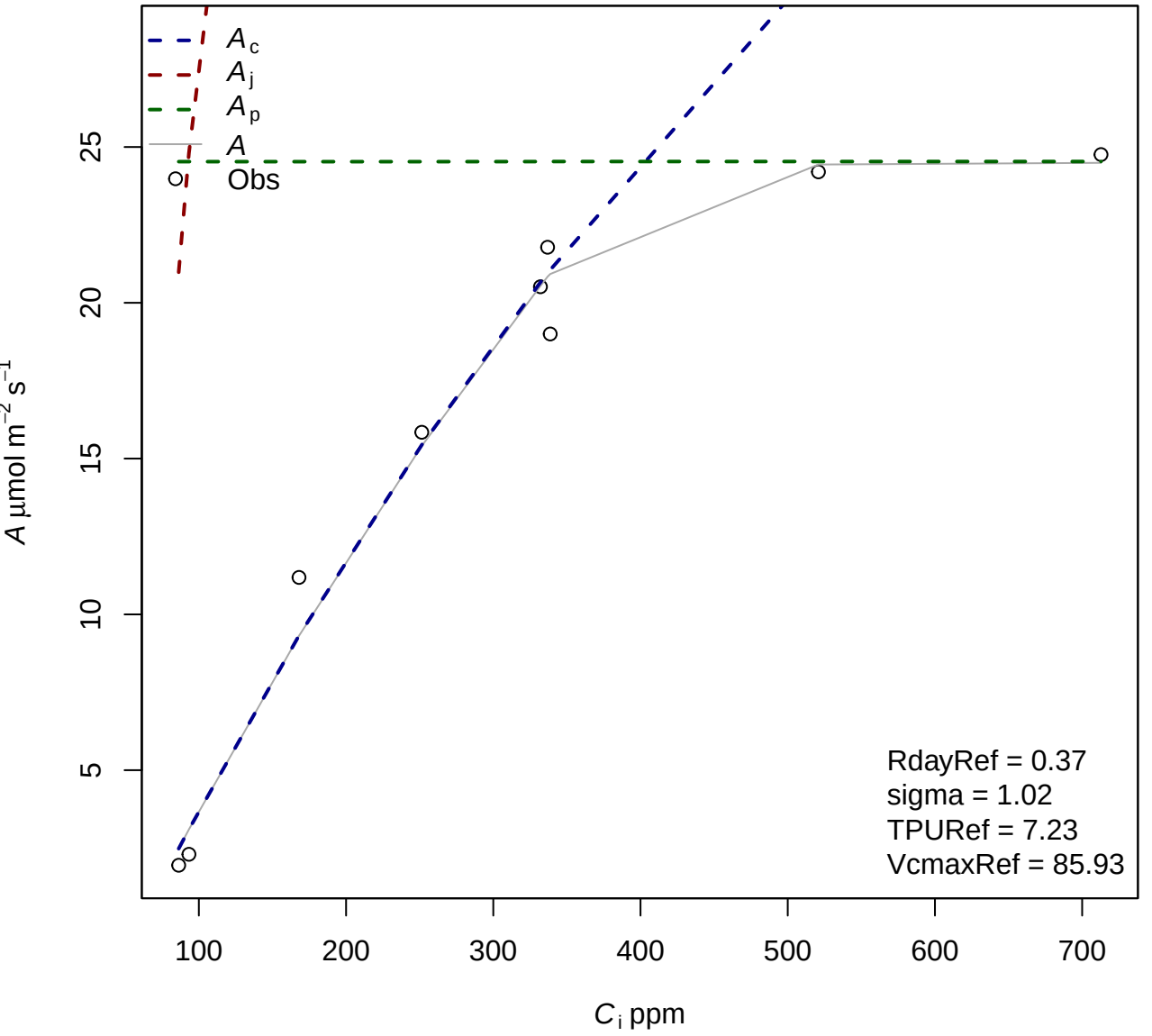

42
A_c
A_j
A_p
A
Obs
RdayRef = 1.04
sigma = 1.1
TPURef = 9.81
VcmaxRef = 95.09
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
100
200
300
400
500
600

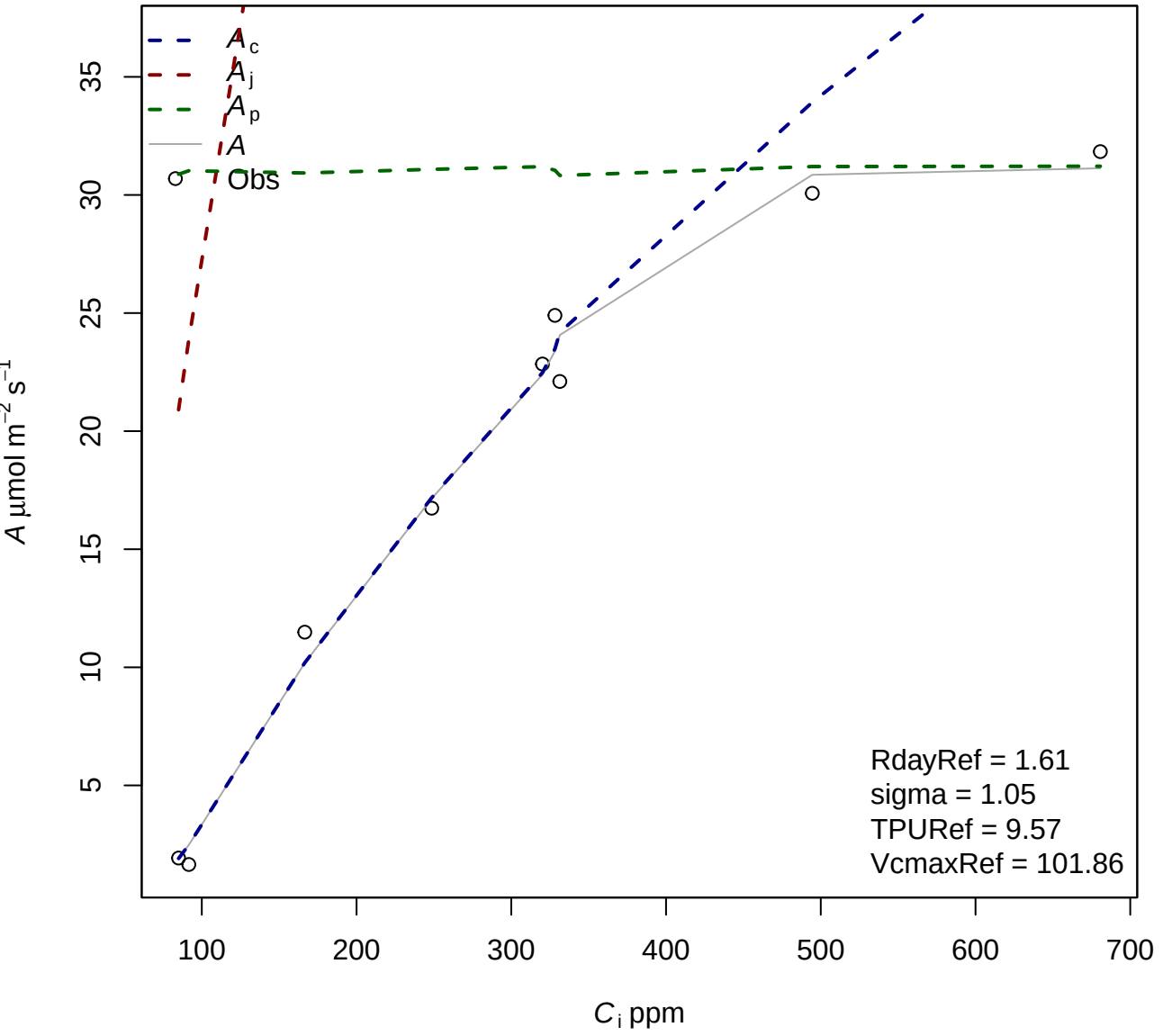

43
A_c
A_j
A_p
A
Obs
RdayRef = 1.26
sigma = 1.62
TPURef = 9.37
VcmaxRef = 103.81
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
100
200
300
400
500
600

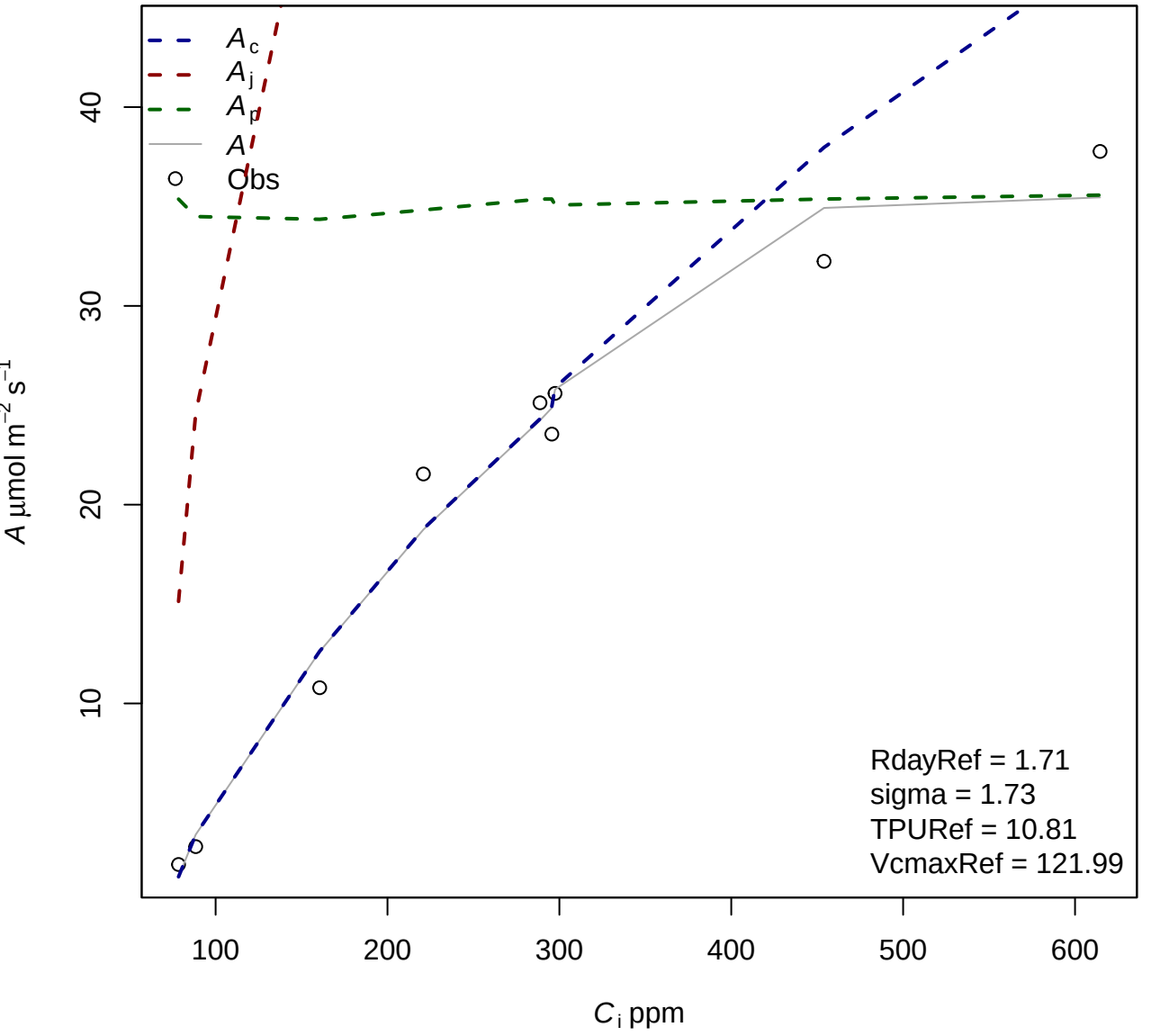

44
A_c
A_j
A_p
A
Obs
RdayRef = 0.29
sigma = 2.29
TPURef = 7.84
VcmaxRef = 87.6
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
100
200
300
400
500
600
700

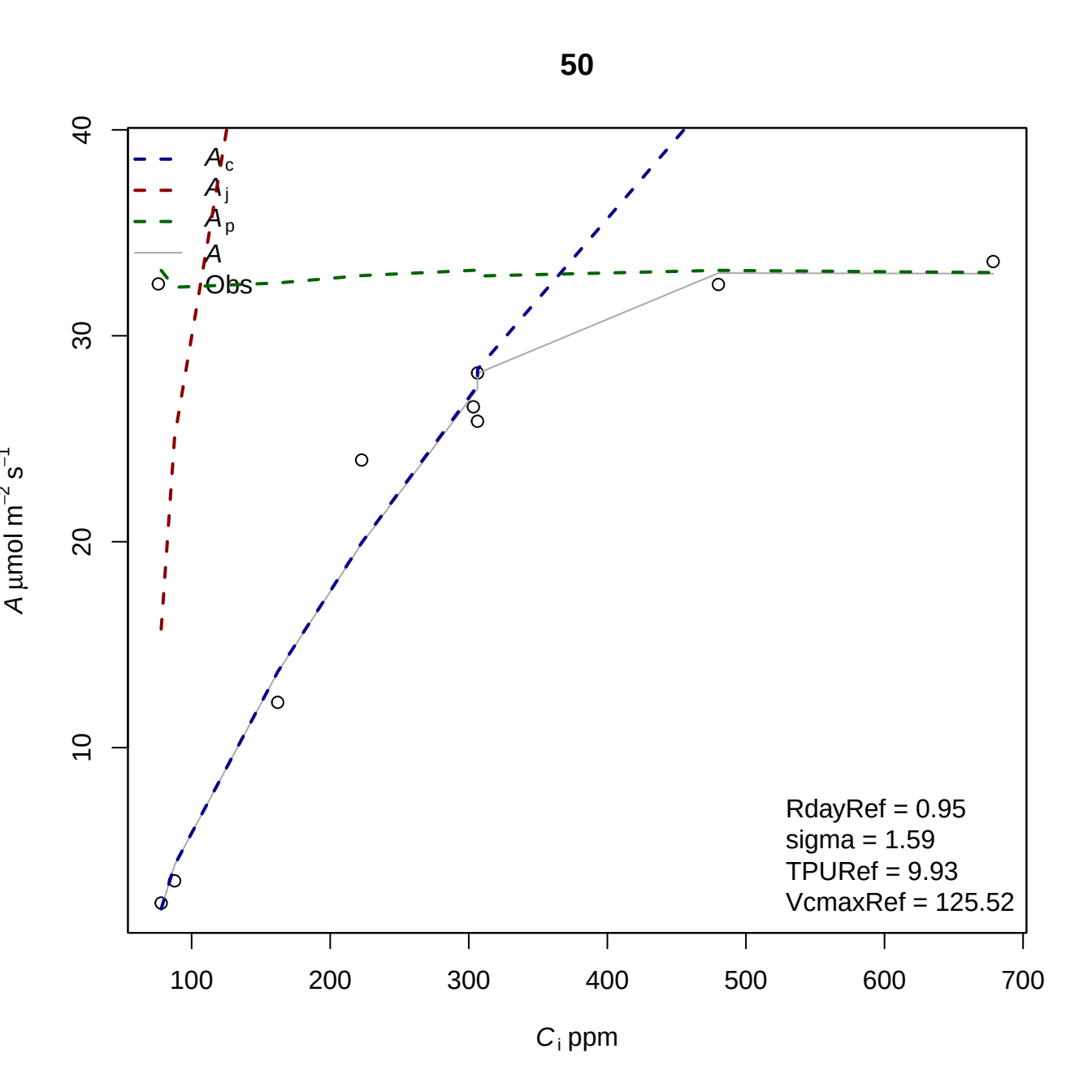

45
A_c
A_j
A_p
A
Obs
RdayRef = 0.61
sigma = 1.7
TPURef = 8.81
VcmaxRef = 99.39
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
30
35
100
200
300
400
500
600

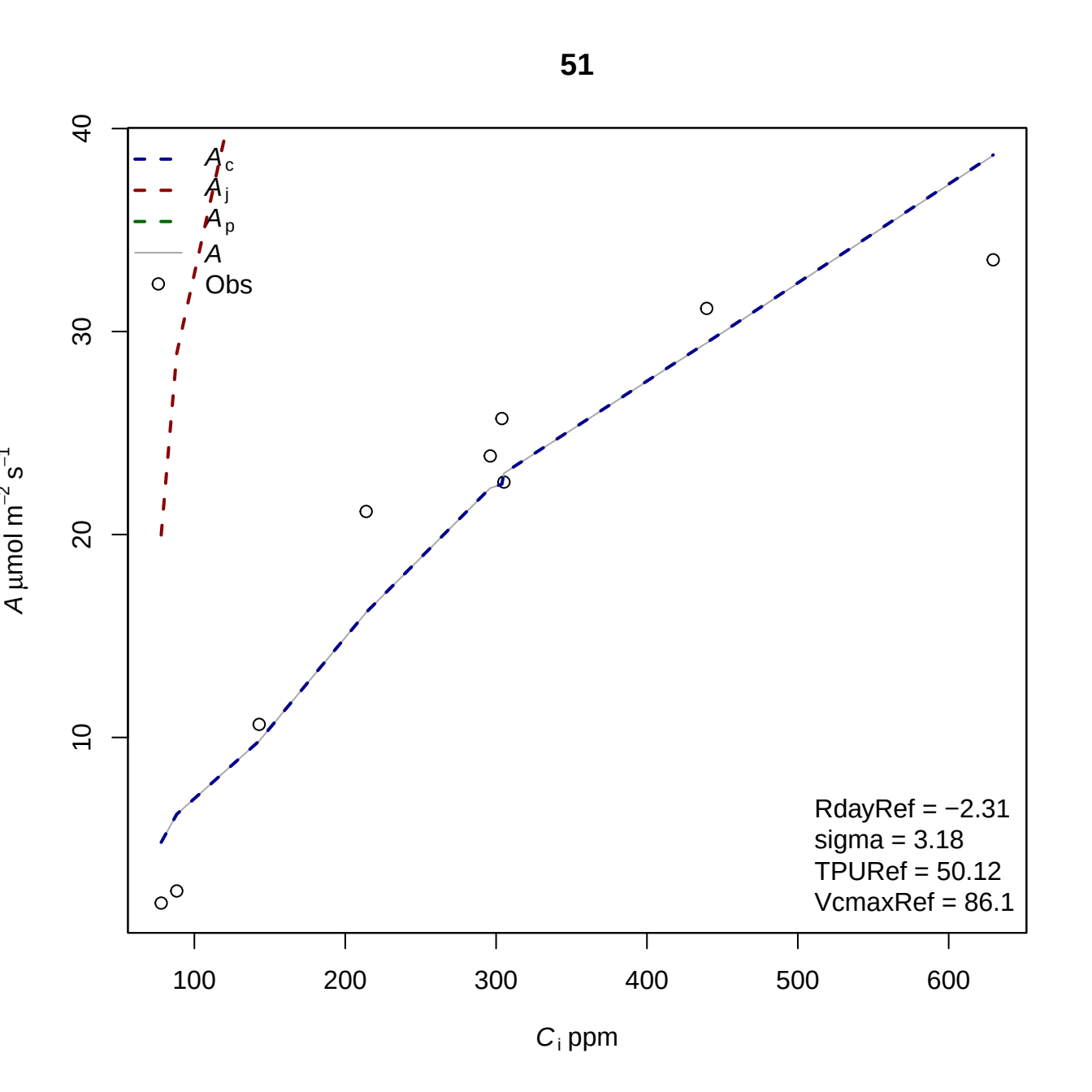

46
A_c
A_j
A_p
A
Obs
RdayRef = 2.26
sigma = 2
TPURef = 11.24
VcmaxRef = 117.24
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600
700

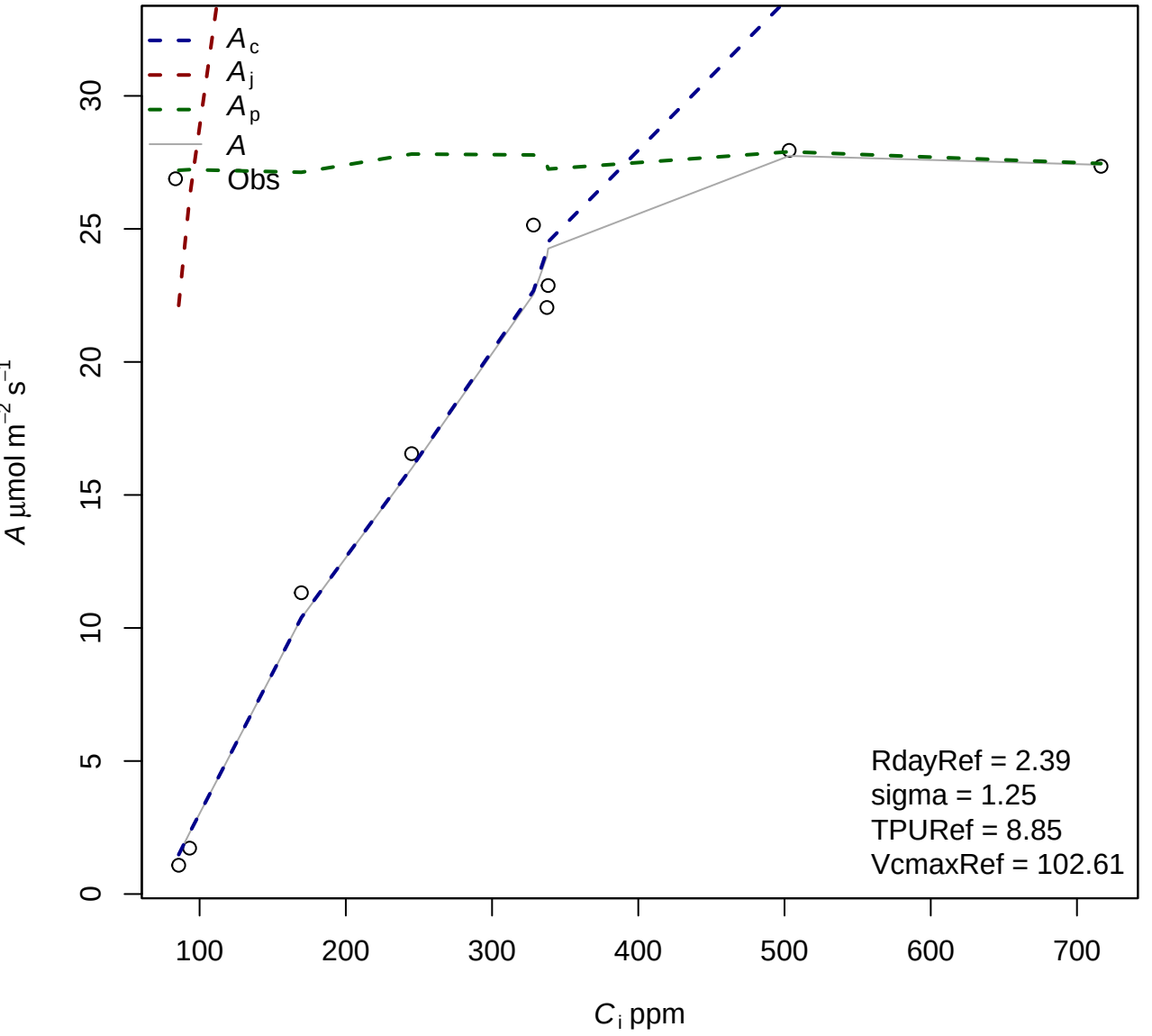

A_c
A_j
A_p
A
Obs
RdayRef = 0.37
sigma = 1.02
TPURef = 7.23
VcmaxRef = 85.93
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
100
200
300
400
500
600
700

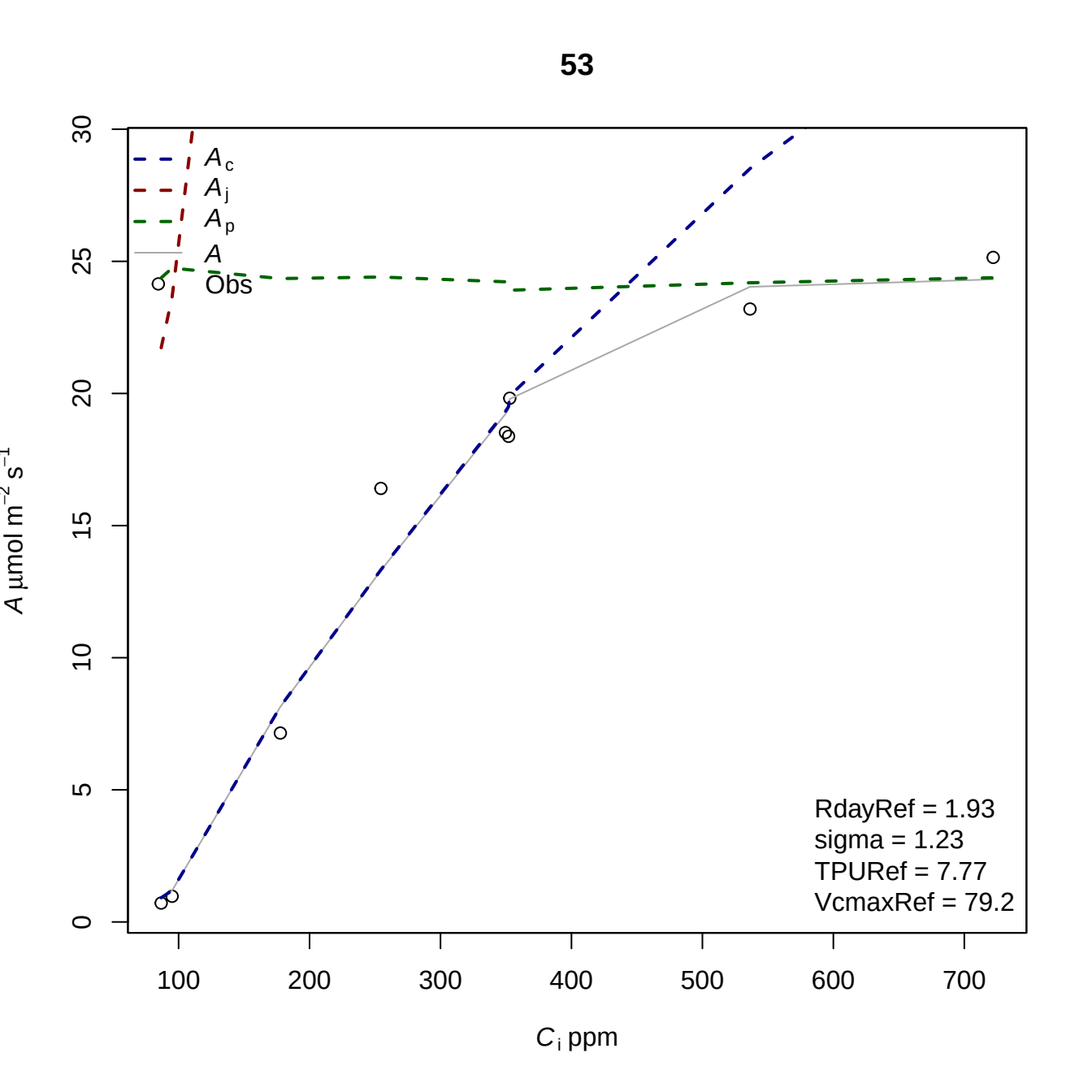

A_c
A_j
A_p
A
Obs
RdayRef = 1.61
sigma = 1.05
TPURef = 9.57
VcmaxRef = 101.86
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
30
35
100
200
300
400
500
600
700

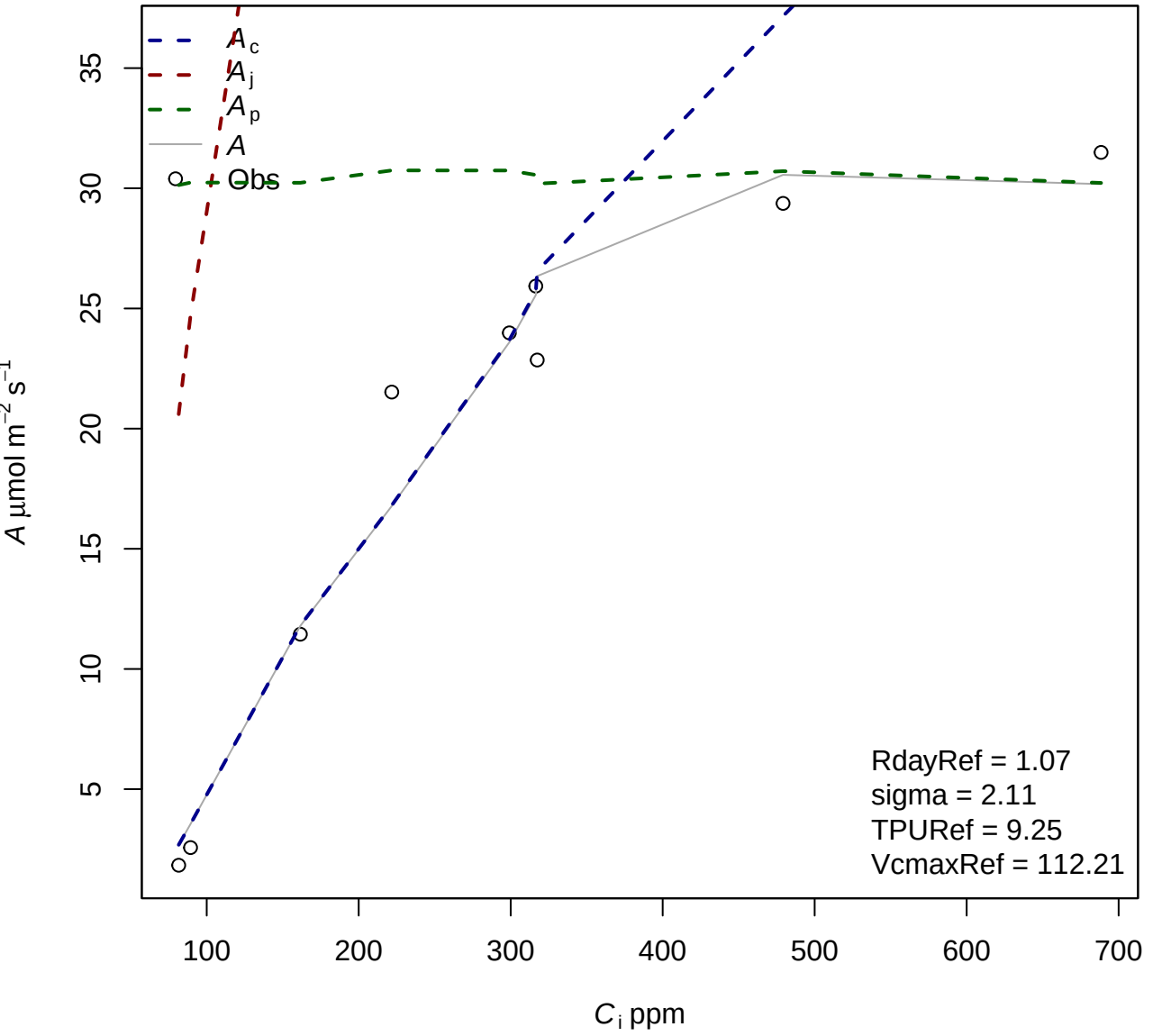

A_c
A_j
A_p
A
Obs
RdayRef = 1.71
sigma = 1.73
TPURef = 10.81
VcmaxRef = 121.99
A µmol m^{-2} s^{-1}
C_i ppm
10
20
30
40
100
200
300
400
500
600

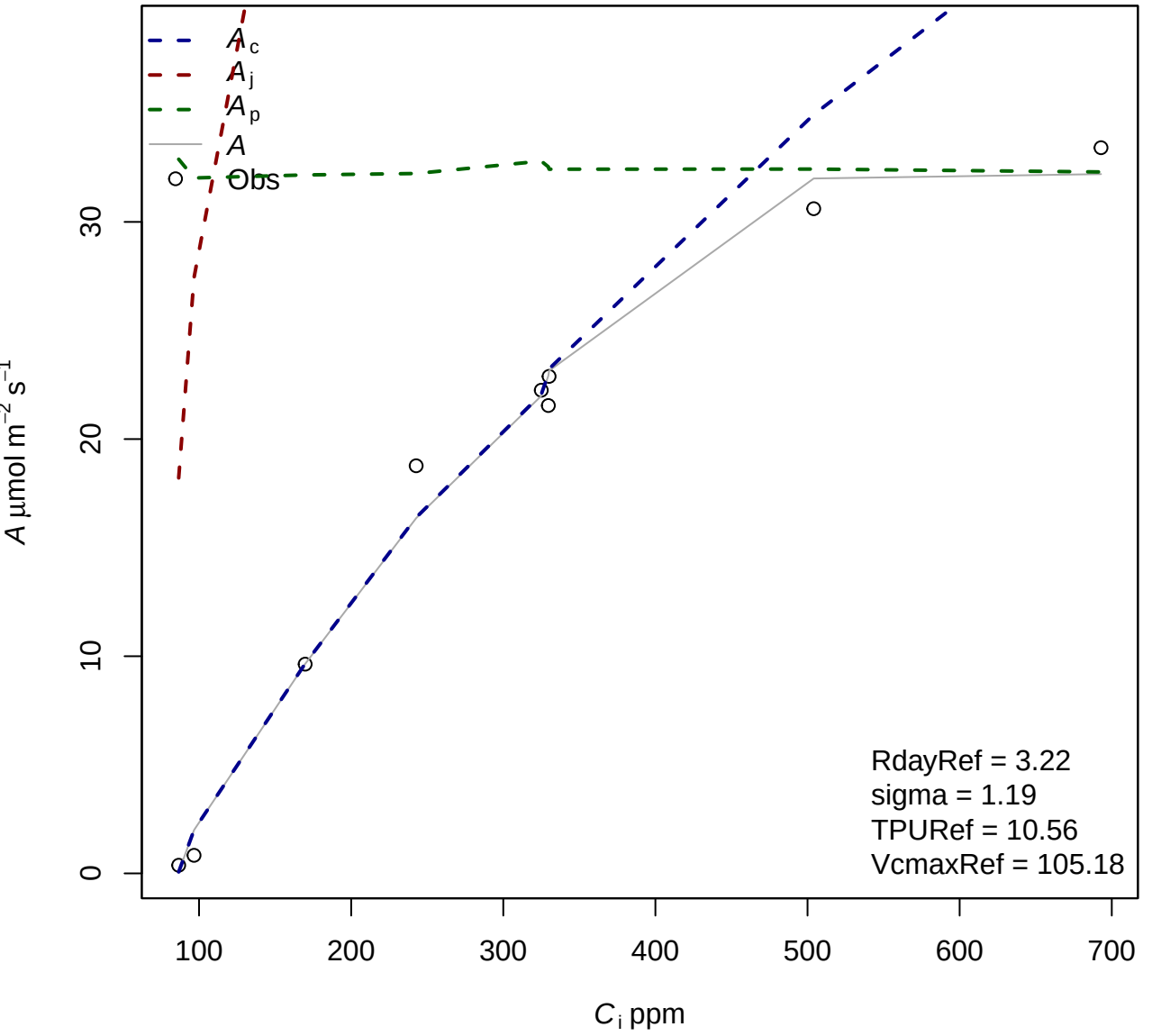

50
A_c
A_j
A_p
A
Obs
RdayRef = 0.95
sigma = 1.59
TPURef = 9.93
VcmaxRef = 125.52
A µmol m^{-2} s^{-1}
C_i ppm
10
20
30
40
100
200
300
400
500
600
700

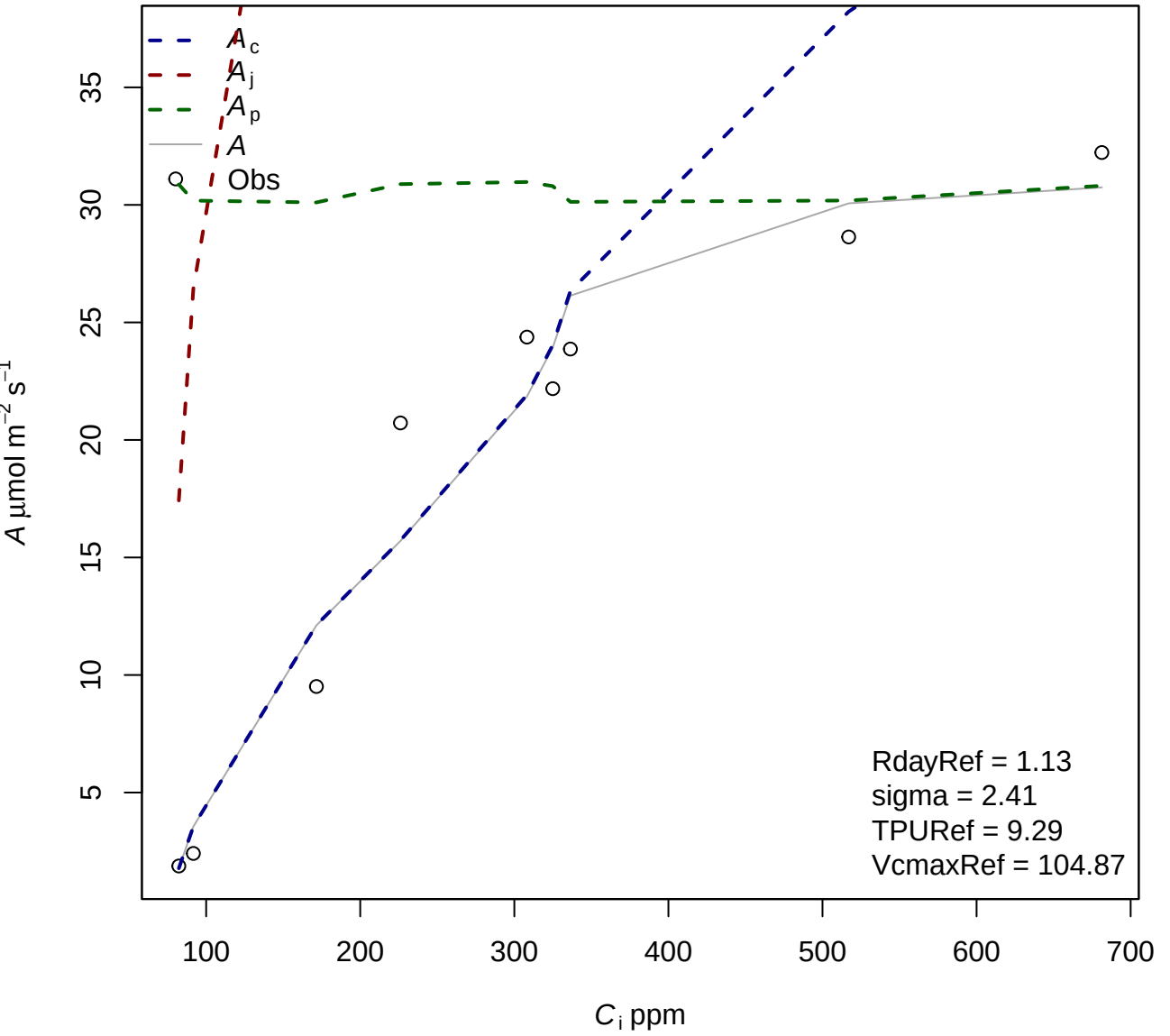

51
A_c
A_j
A_p
A
Obs
RdayRef = −2.31
sigma = 3.18
TPURef = 50.12
VcmaxRef = 86.1
A µmol m^{-2} s^{-1}
C_i ppm
10
20
30
40
100
200
300
400
500
600

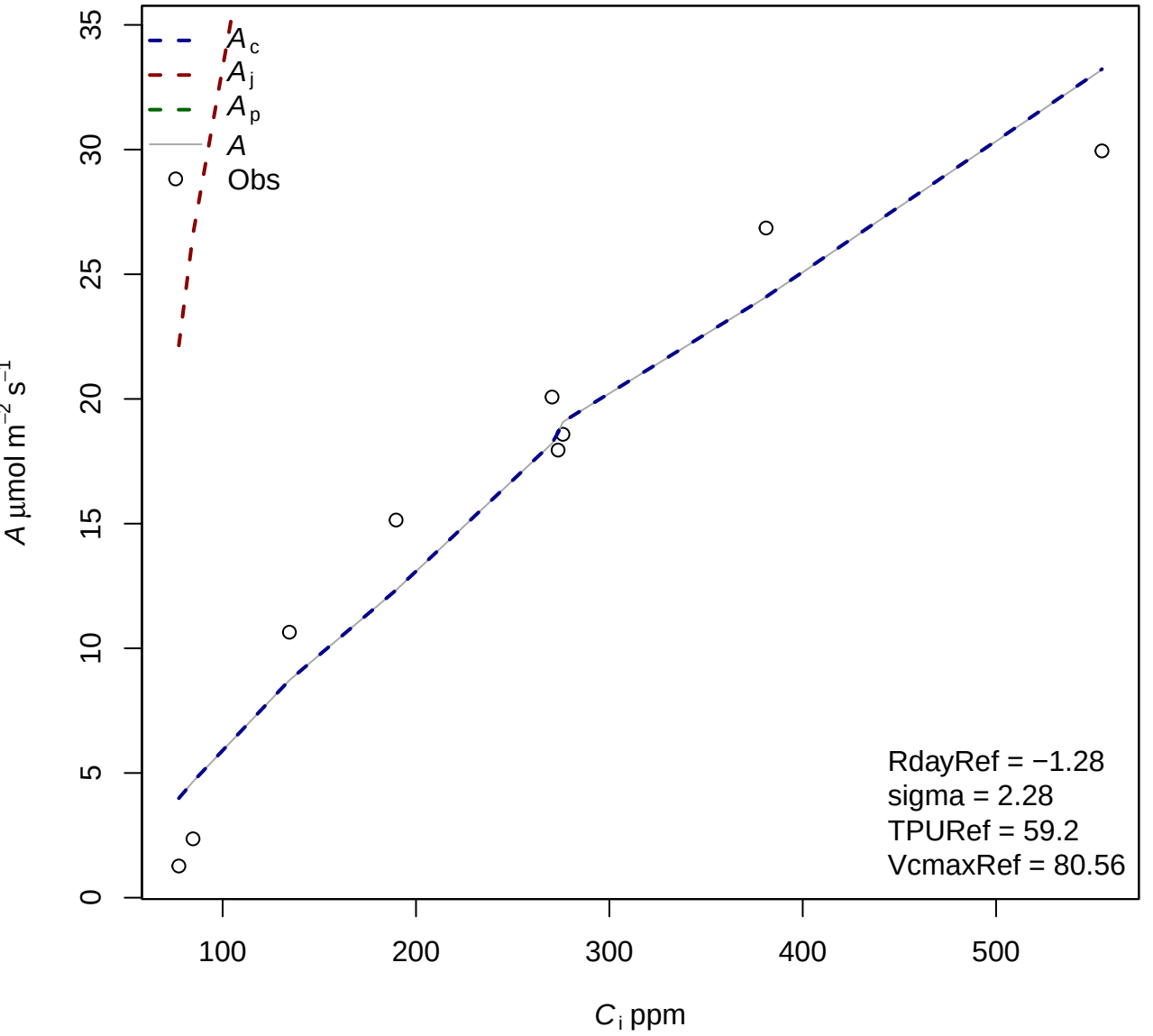

A_c
A_j
A_p
A
Obs
RdayRef = 2.39
sigma = 1.25
TPURef = 8.85
VcmaxRef = 102.61
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
100
200
300
400
500
600
700

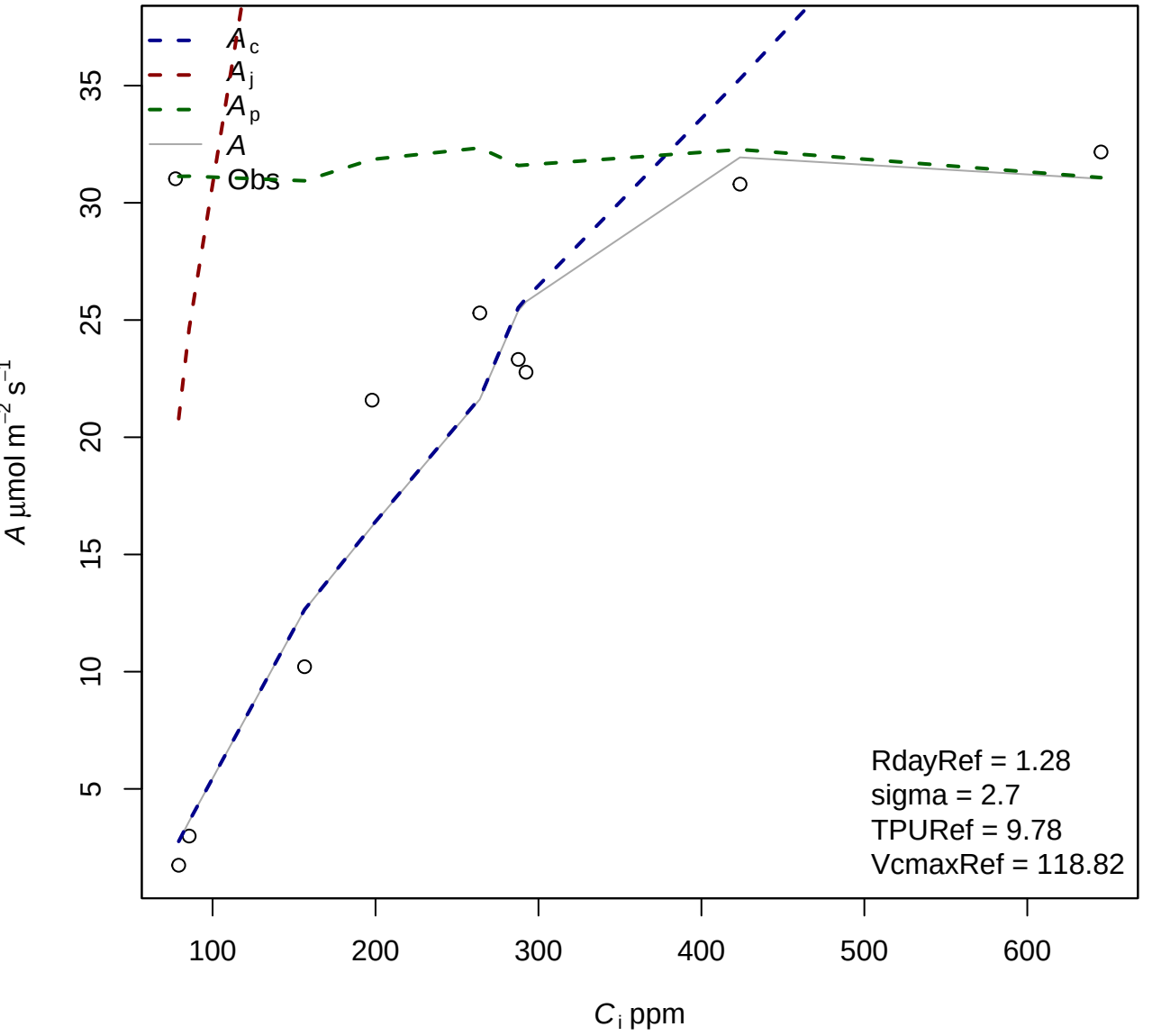

53
A_c
A_j
A_p
A
Obs
RdayRef = 1.93
sigma = 1.23
TPURef = 7.77
VcmaxRef = 79.2
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
100
200
300
400
500
600
700

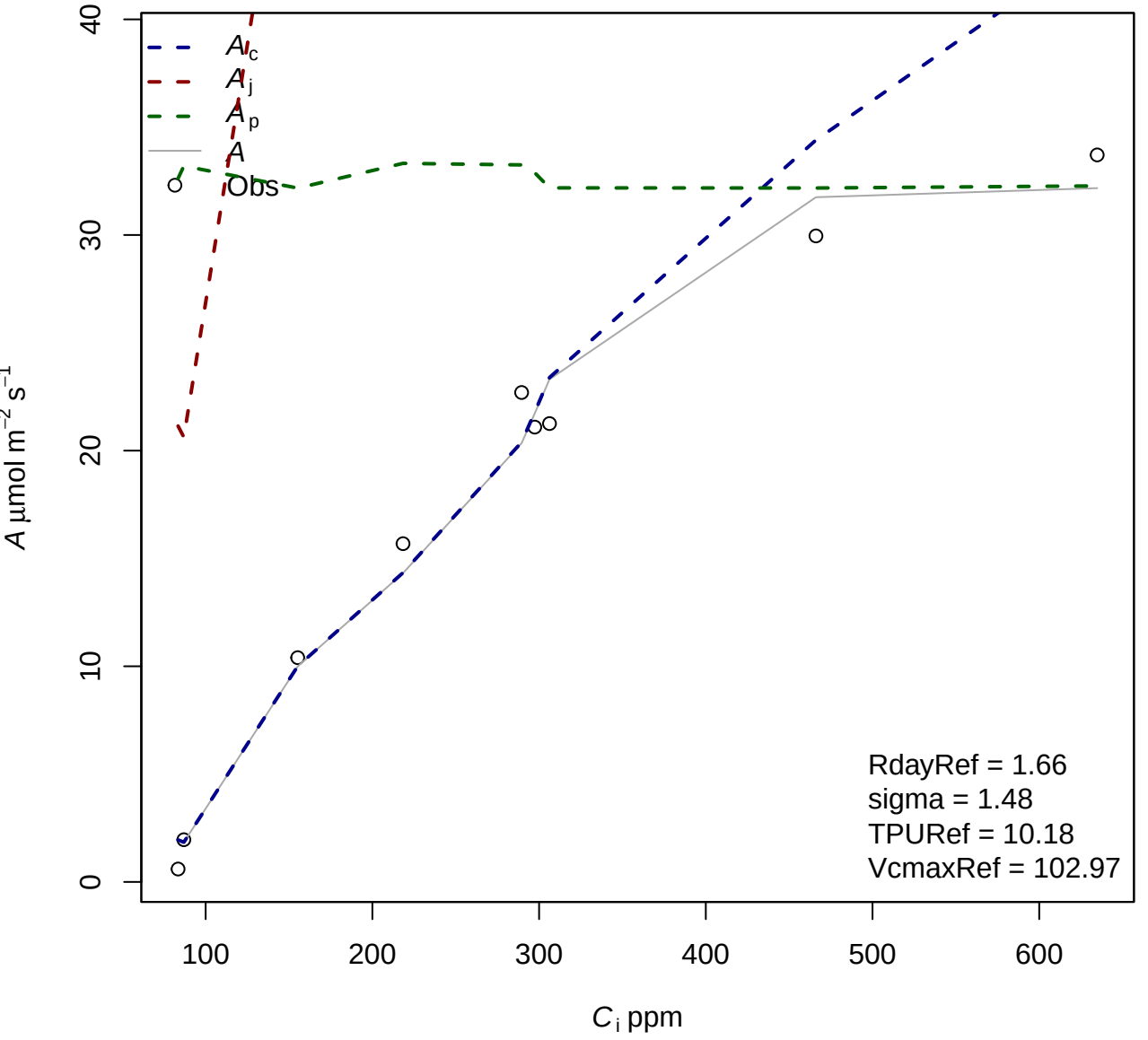

A_c
A_j
A_p
A
Obs
RdayRef = 1.07
sigma = 2.11
TPURef = 9.25
VcmaxRef = 112.21
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
30
35
100
200
300
400
500
600
700

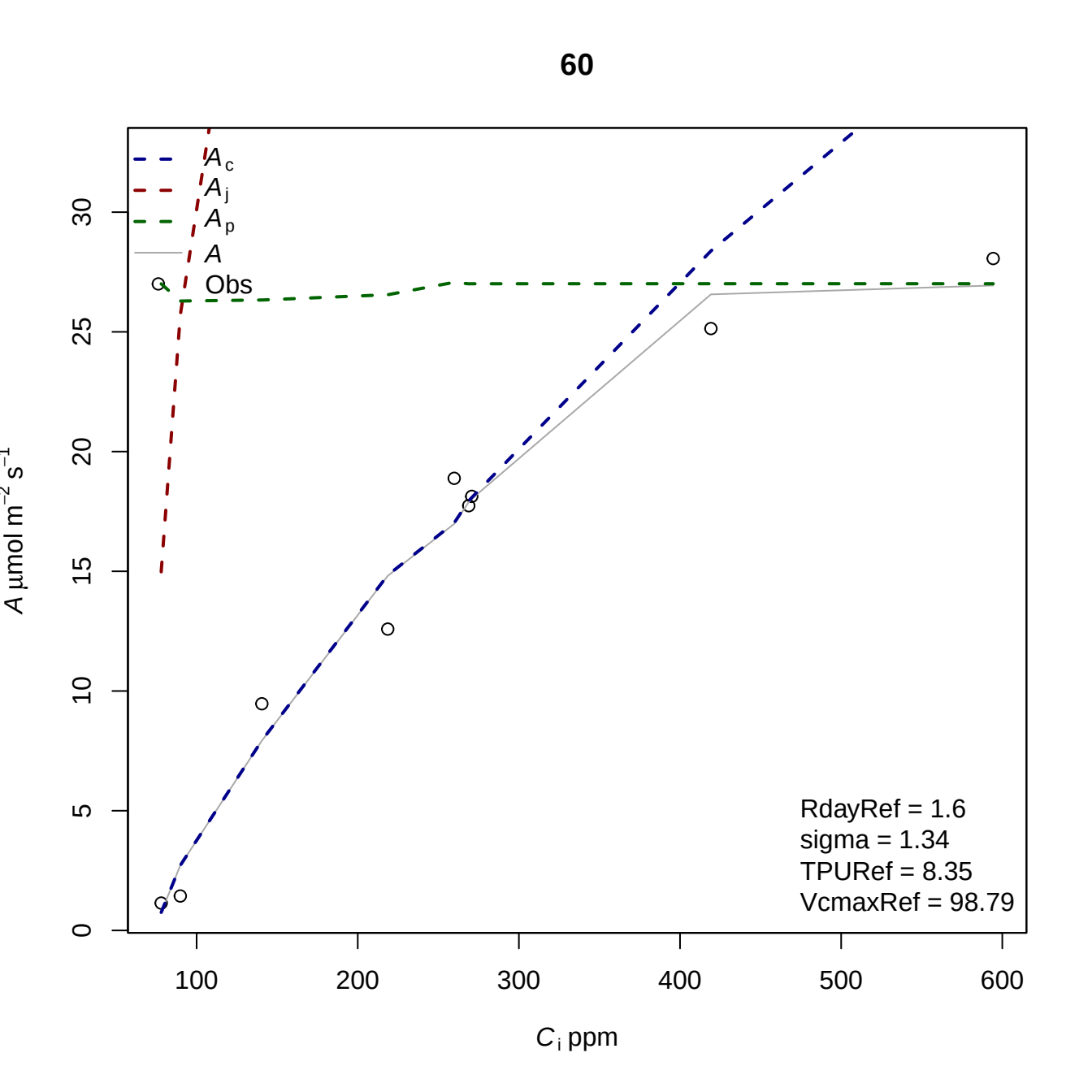

A_c
A_j
A_p
A
Obs
RdayRef = 3.22
sigma = 1.19
TPURef = 10.56
VcmaxRef = 105.18
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
100
200
300
400
500
600
700


A_c
A_j
A_p
A
Obs
RdayRef = 1.13
sigma = 2.41
TPURef = 9.29
VcmaxRef = 104.87
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
30
35
100
200
300
400
500
600
700


A_c
A_j
A_p
A
Obs
RdayRef = −1.28
sigma = 2.28
TPURef = 59.2
VcmaxRef = 80.56
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
100
200
300
400
500


A_c
A_j
A_p
A
Obs
RdayRef = 1.28
sigma = 2.7
TPURef = 9.78
VcmaxRef = 118.82
A µmol m^{-2} s^{-1}
C_i ppm
5
10
15
20
25
30
35
100
200
300
400
500
600


A_c
A_j
A_p
A
Obs
RdayRef = 1.66
sigma = 1.48
TPURef = 10.18
VcmaxRef = 102.97
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
100
200
300
400
500
600


60
A_c
A_j
A_p
A
Obs
RdayRef = 1.6
sigma = 1.34
TPURef = 8.35
VcmaxRef = 98.79
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
100
200
300
400
500
600