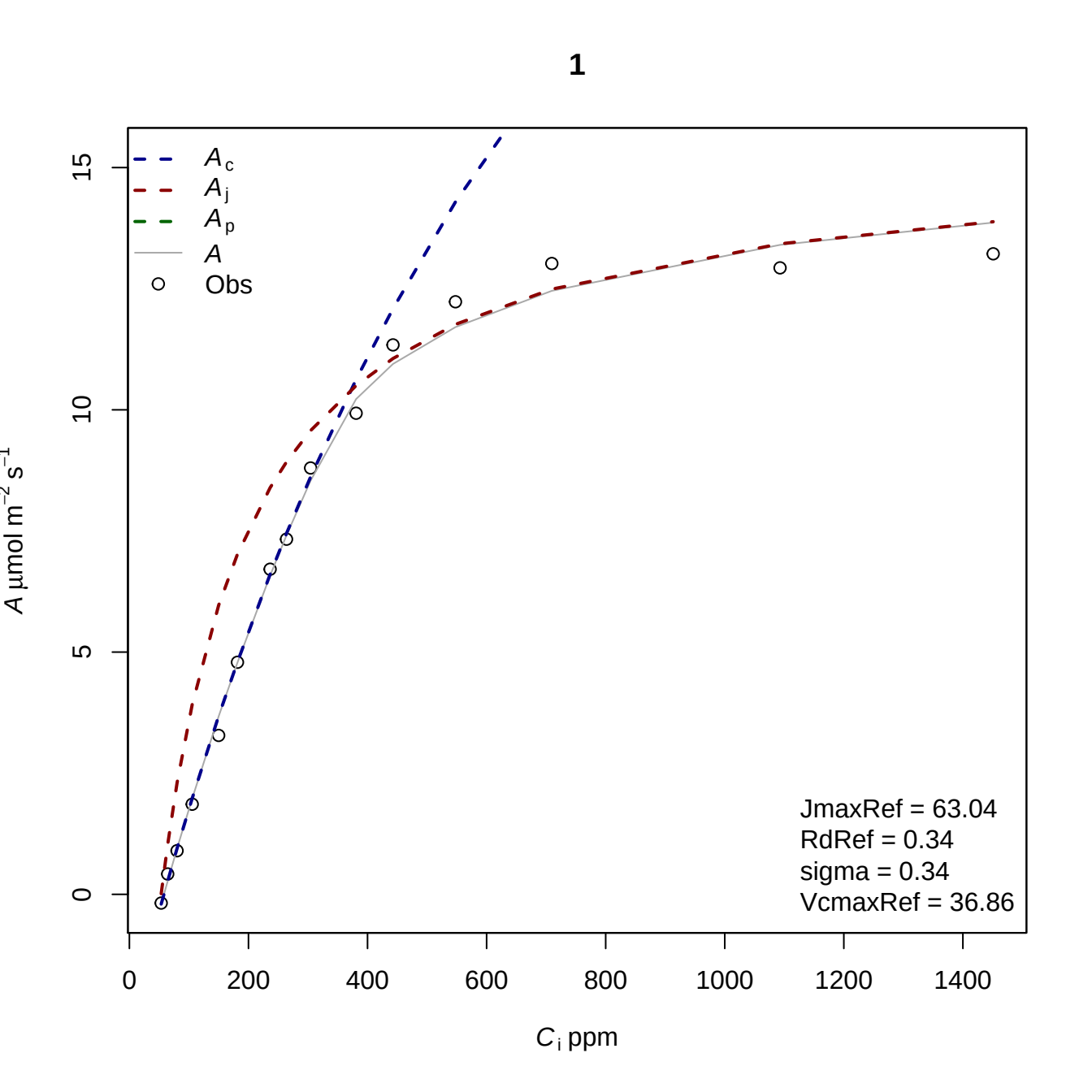
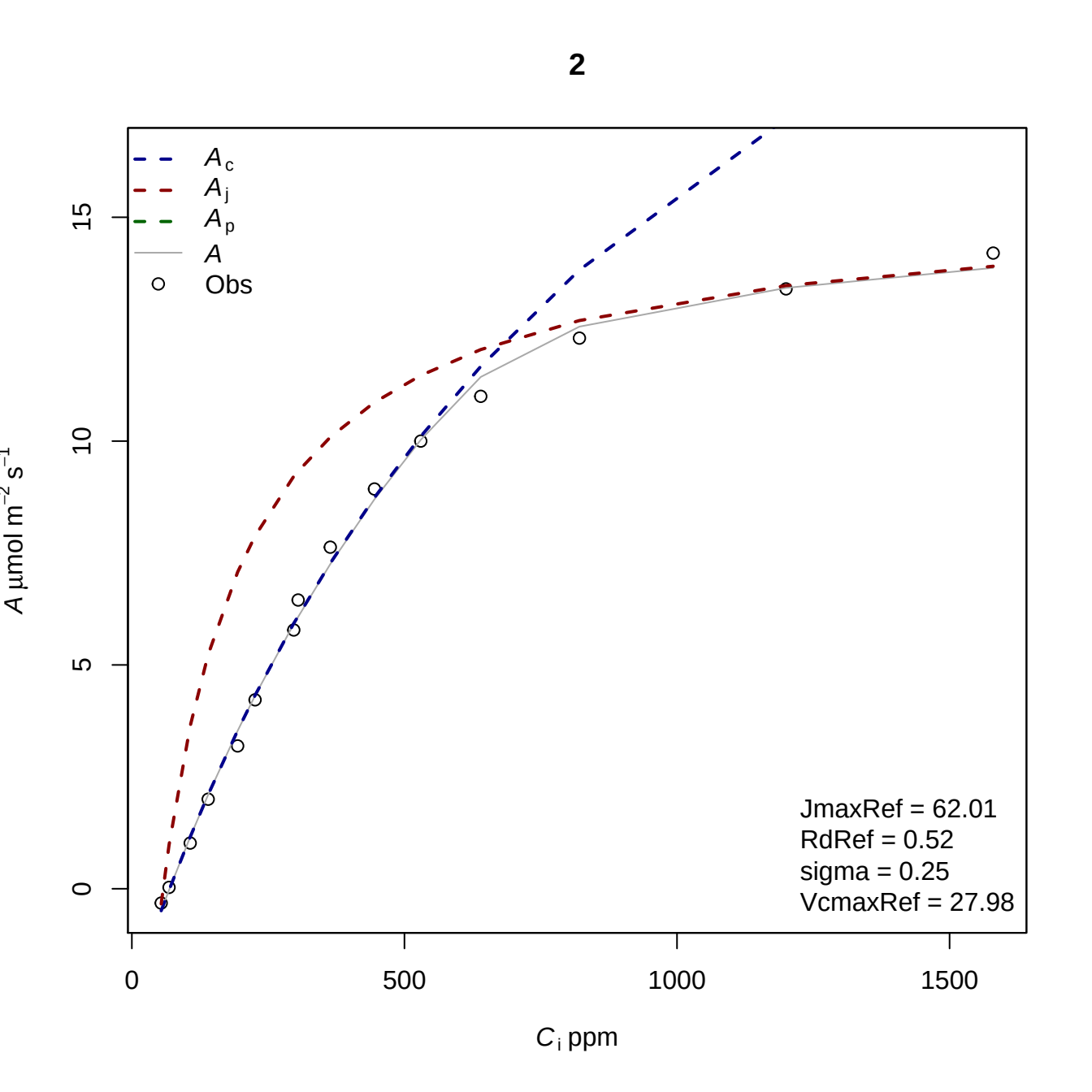
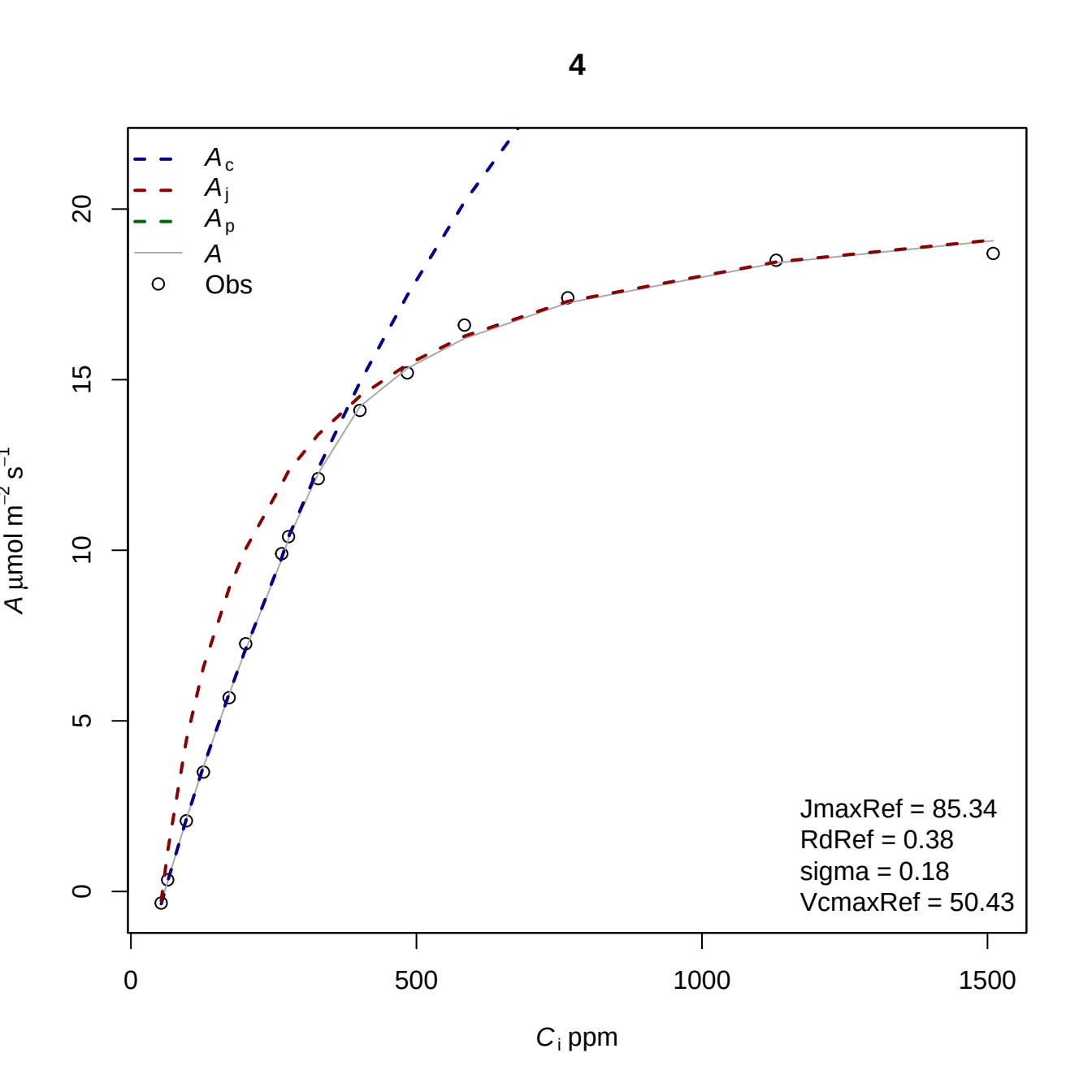
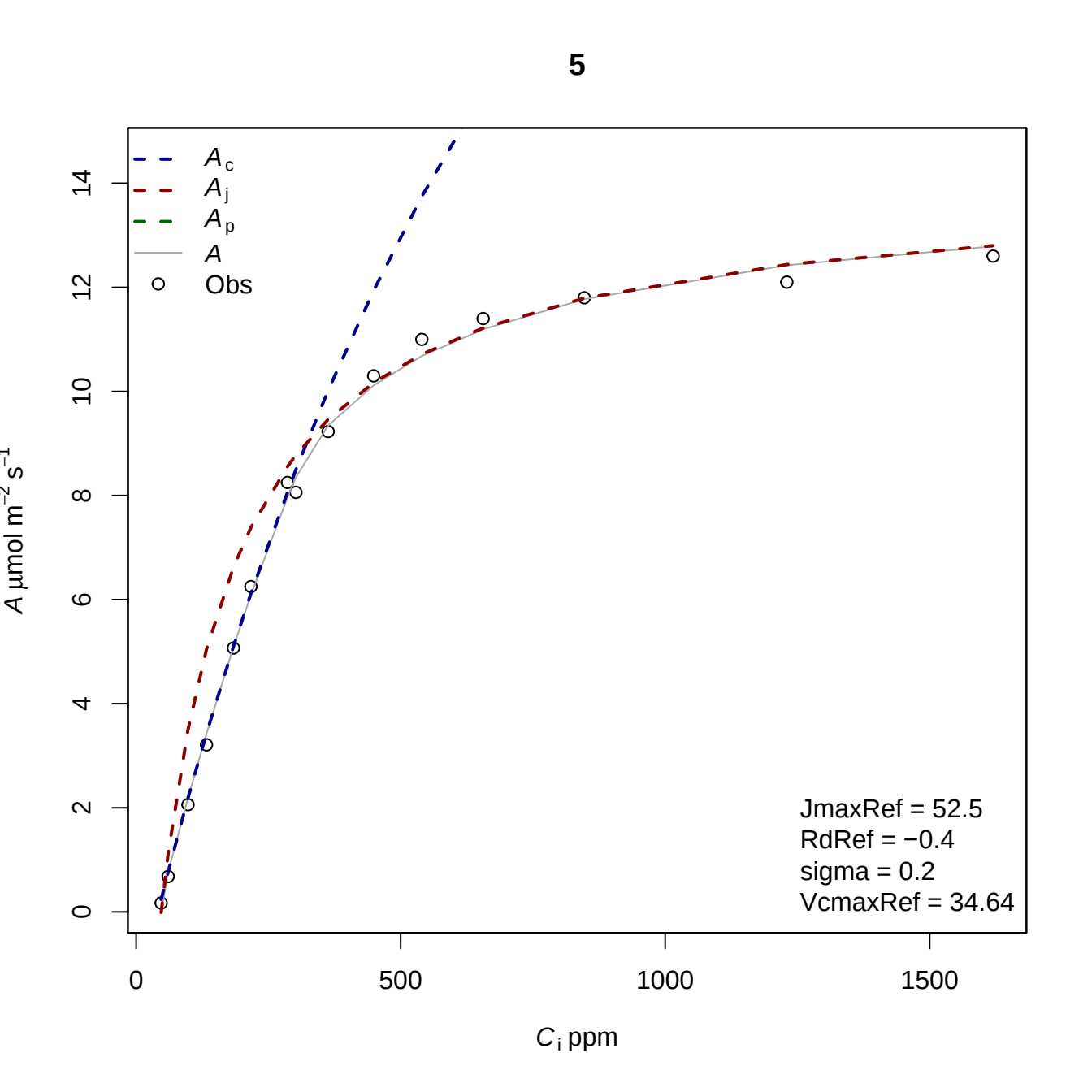
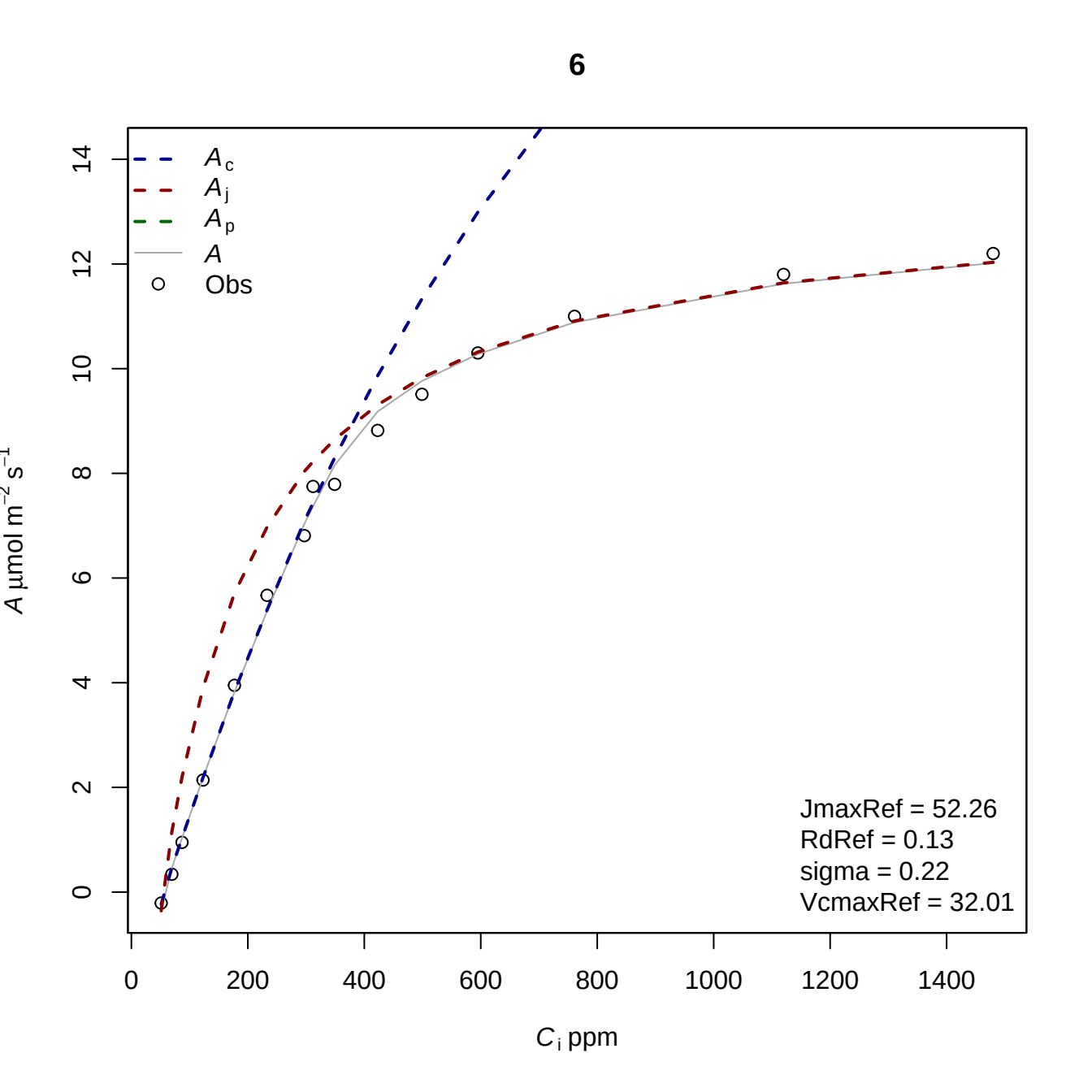
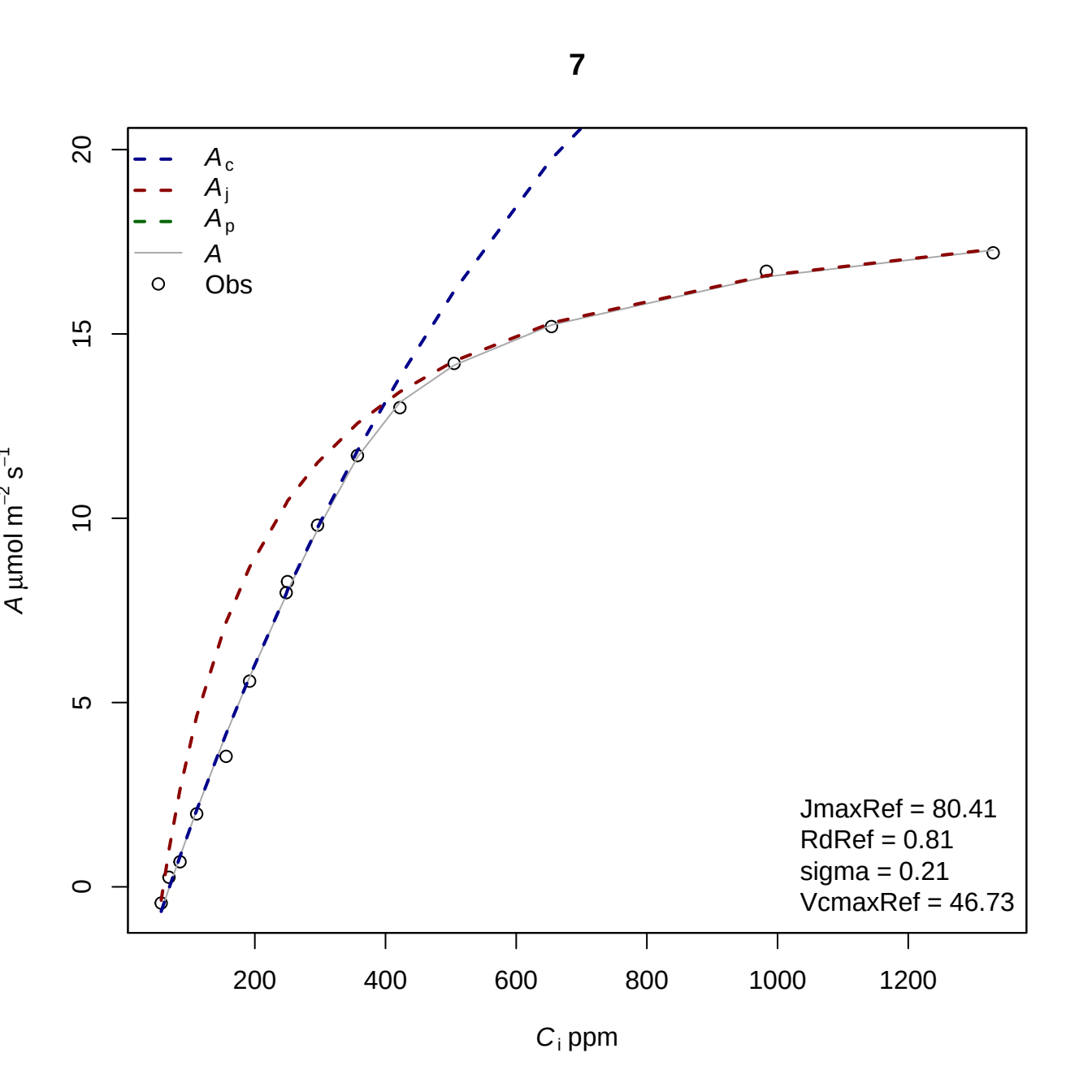

1
A_c
A_j
A_p
A
Obs
JmaxRef = 63.04
RdRef = 0.34
sigma = 0.34
VcmaxRef = 36.86
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
200
400
600
800
1000
1200
1400

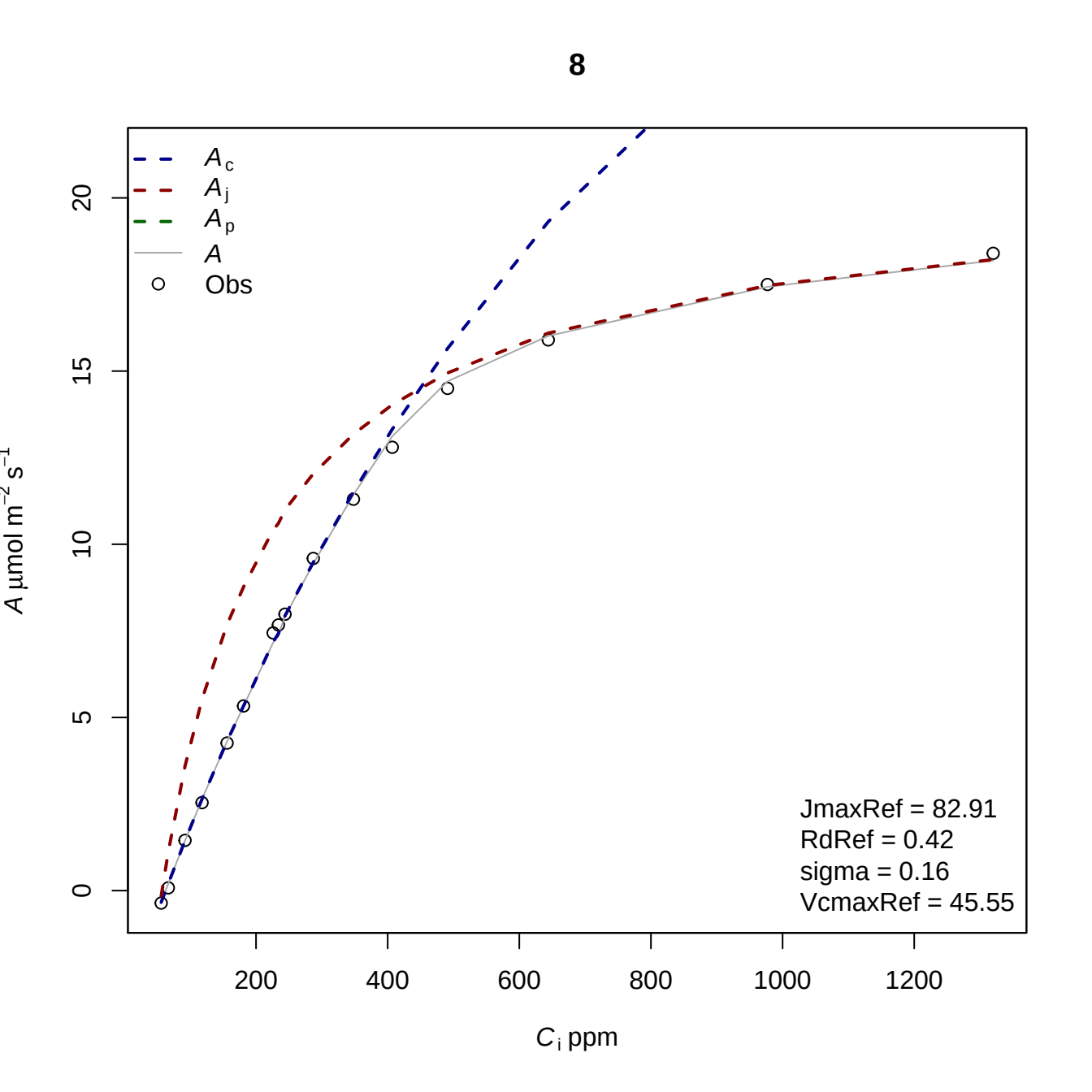

2
A_c
A_j
A_p
A
Obs
JmaxRef = 62.01
RdRef = 0.52
sigma = 0.25
VcmaxRef = 27.98
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

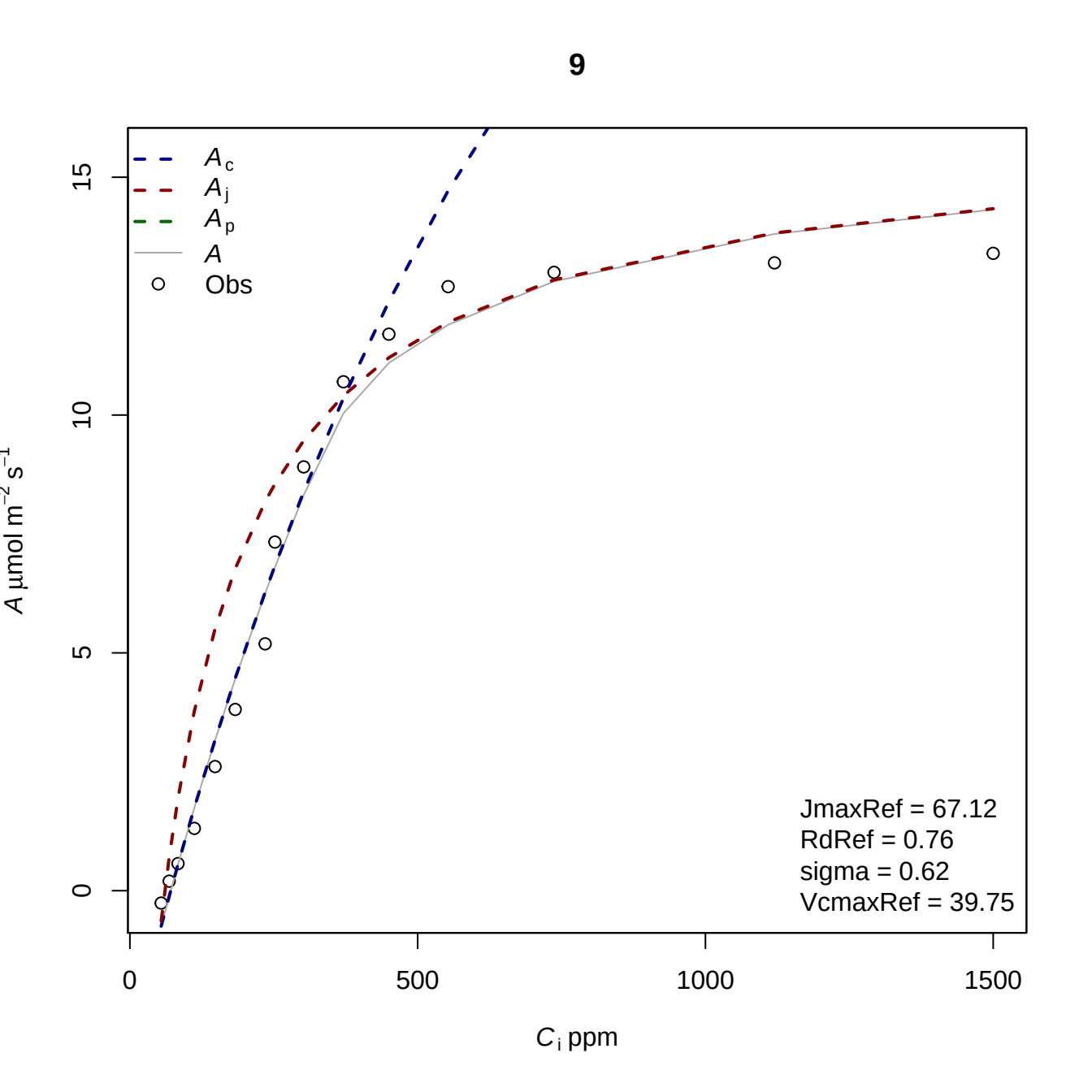

4
A_c
A_j
A_p
A
Obs
JmaxRef = 85.34
RdRef = 0.38
sigma = 0.18
VcmaxRef = 50.43
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

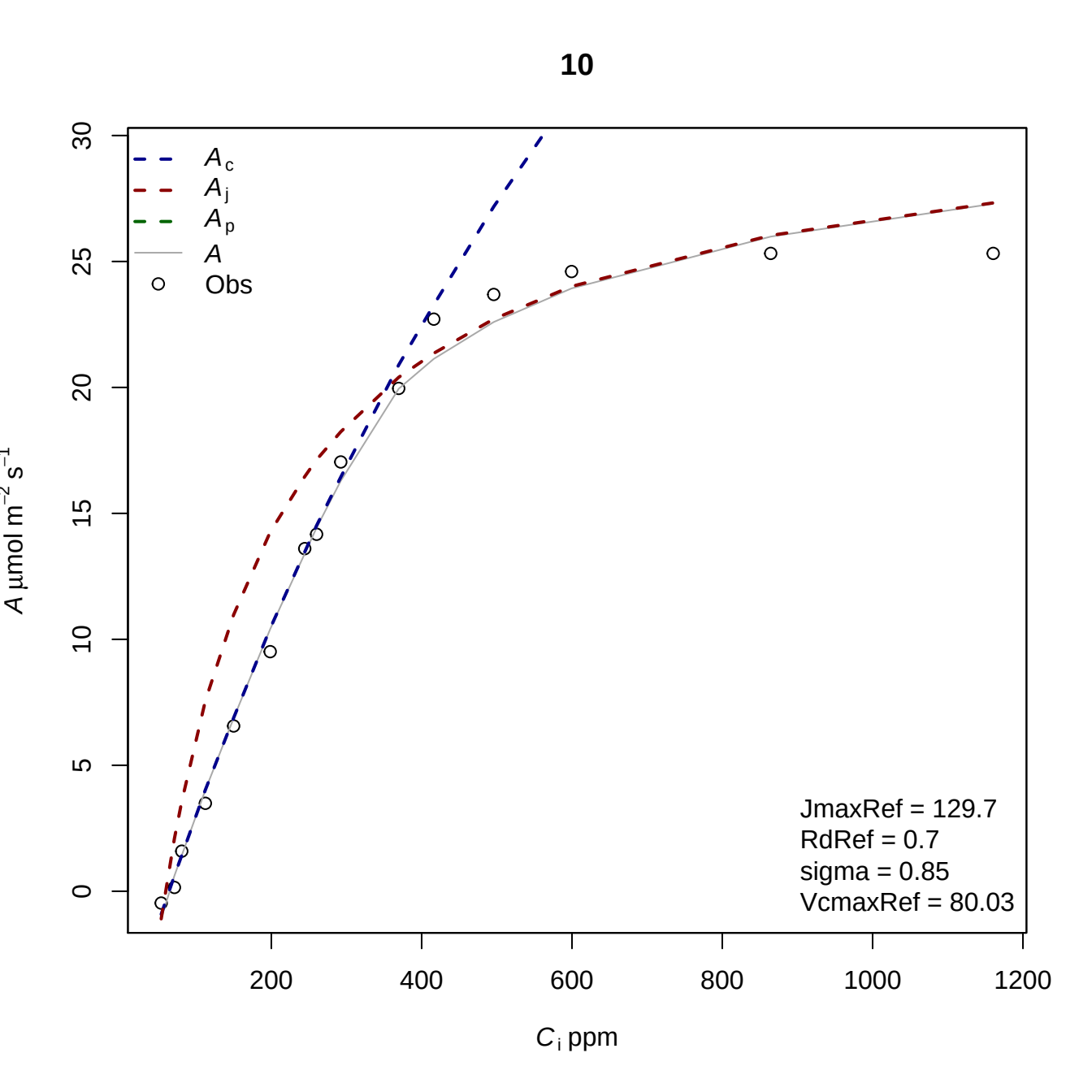

5
A_c
A_j
A_p
A
Obs
JmaxRef = 52.5
RdRef = −0.4
sigma = 0.2
VcmaxRef = 34.64
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
14
0
500
1000
1500

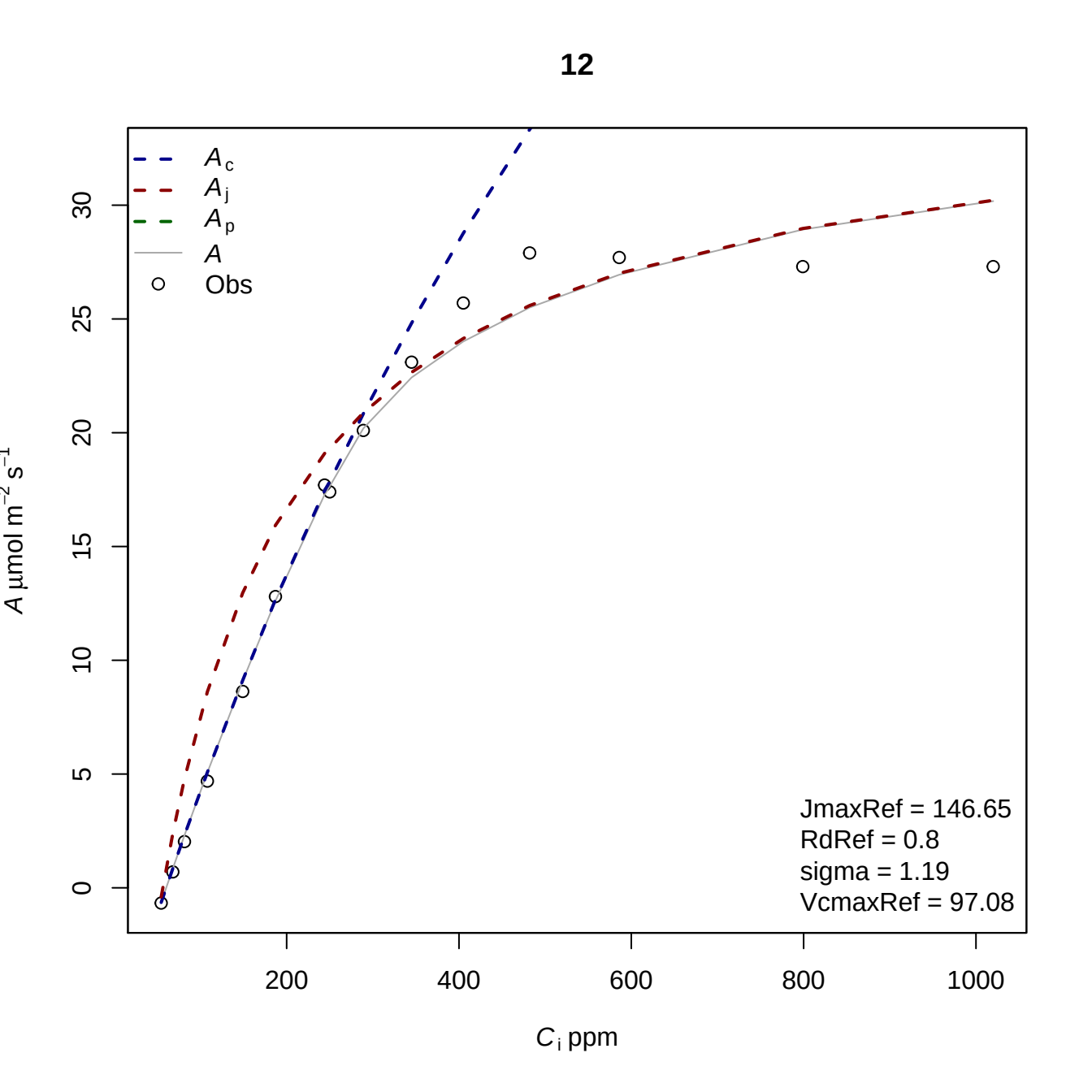

6
A_c
A_j
A_p
A
Obs
JmaxRef = 52.26
RdRef = 0.13
sigma = 0.22
VcmaxRef = 32.01
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
14
0
200
400
600
800
1000
1200
1400

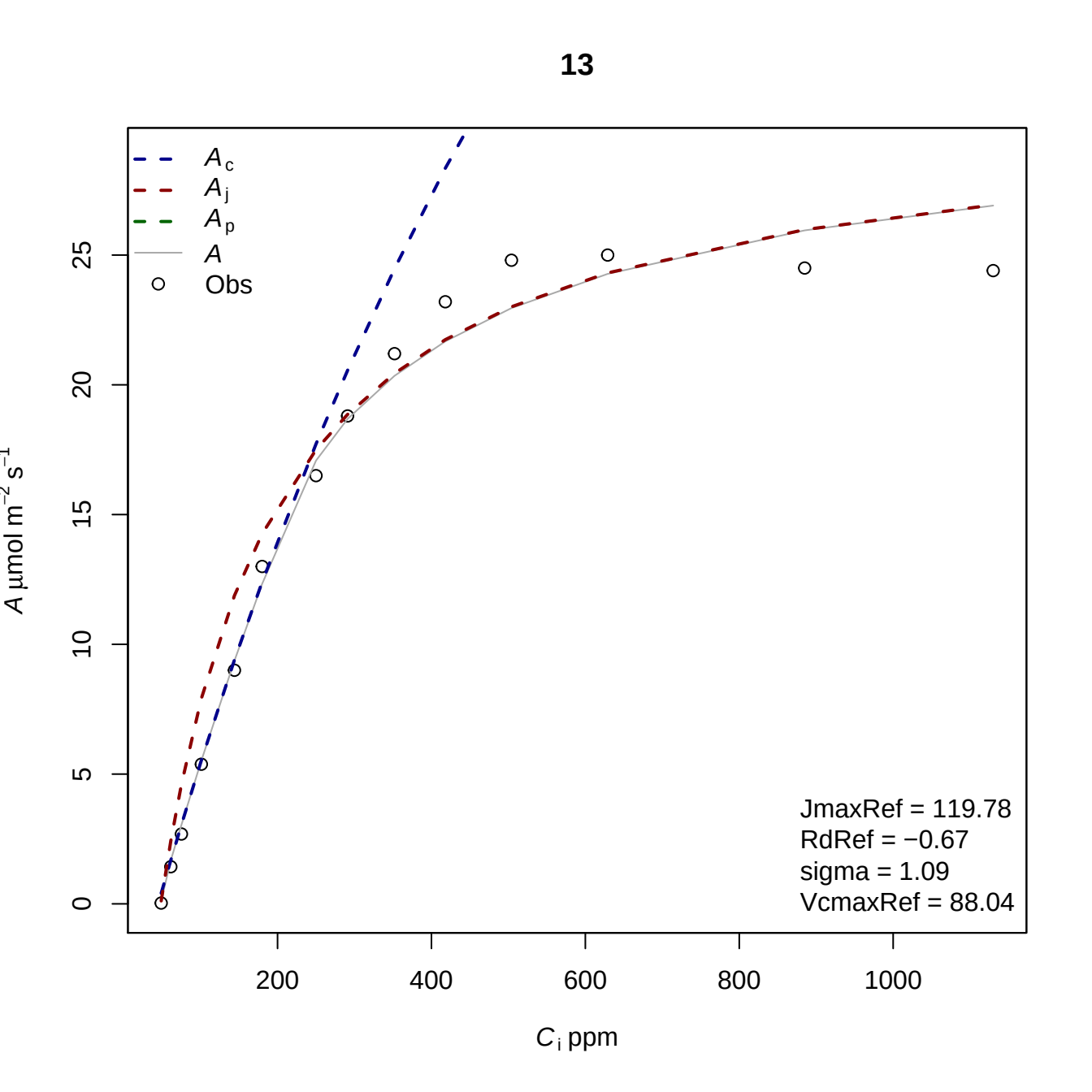

7
A_c
A_j
A_p
A
Obs
JmaxRef = 80.41
RdRef = 0.81
sigma = 0.21
VcmaxRef = 46.73
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

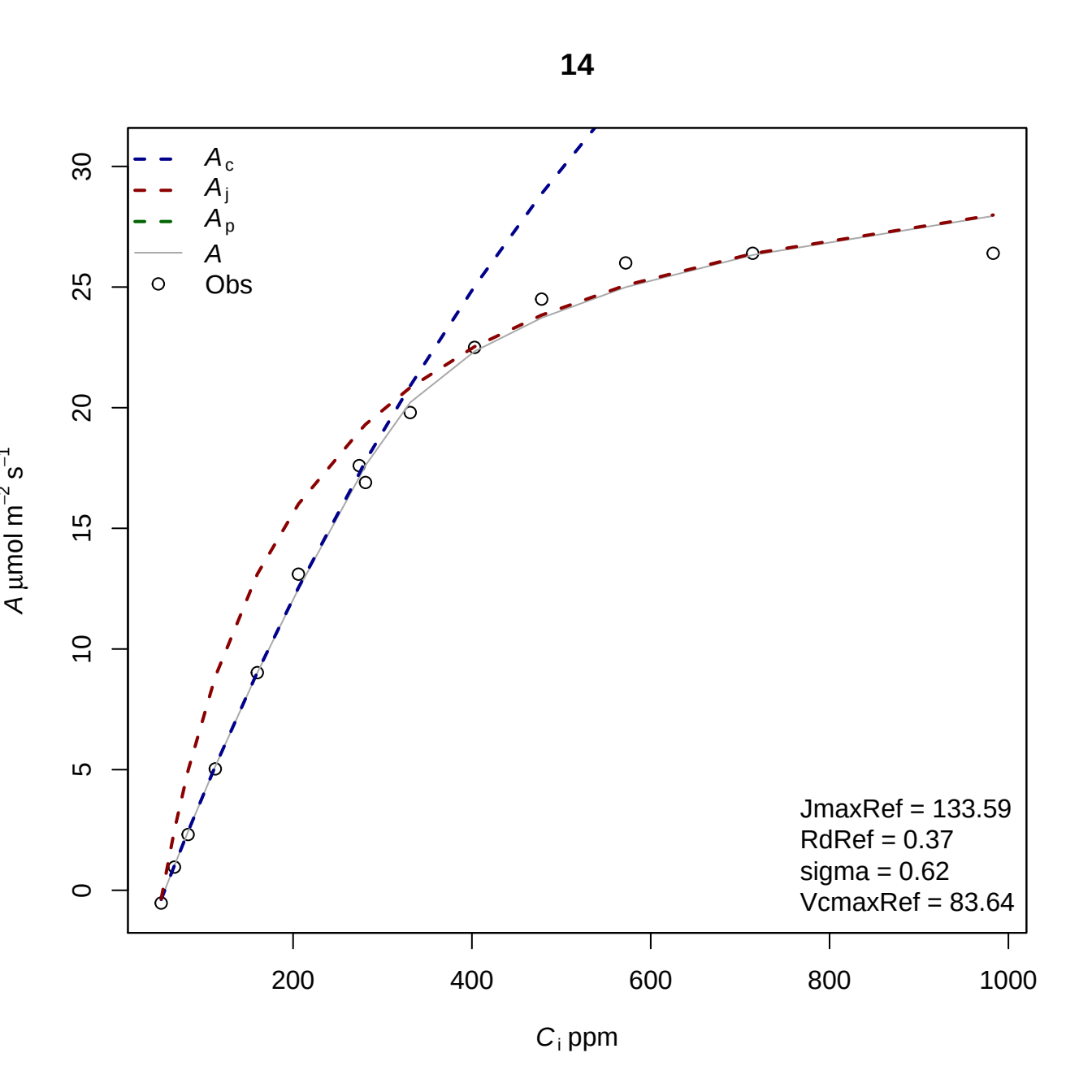

8
A_c
A_j
A_p
A
Obs
JmaxRef = 82.91
RdRef = 0.42
sigma = 0.16
VcmaxRef = 45.55
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

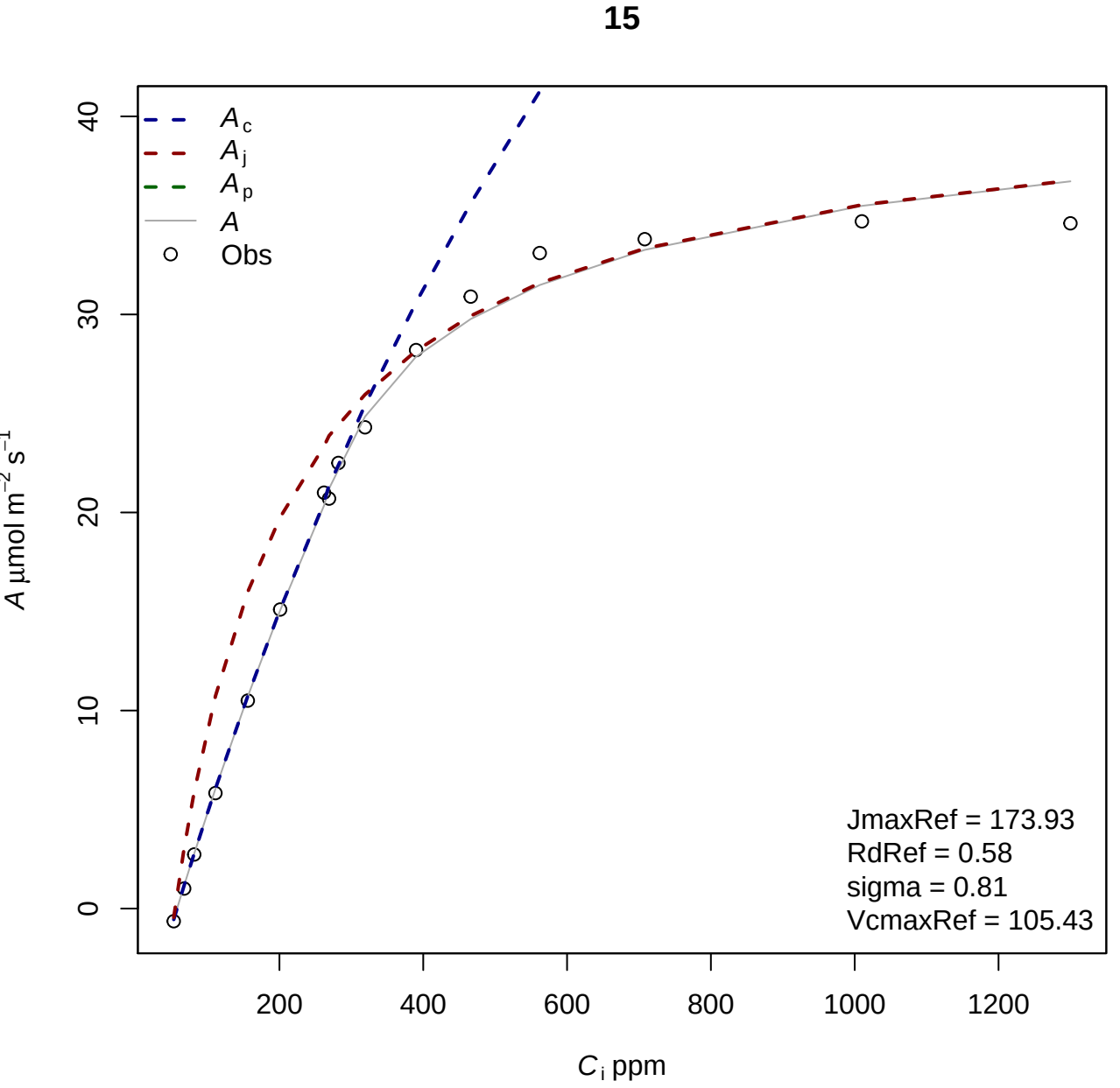

9
A_c
A_j
A_p
A
Obs
JmaxRef = 67.12
RdRef = 0.76
sigma = 0.62
VcmaxRef = 39.75
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

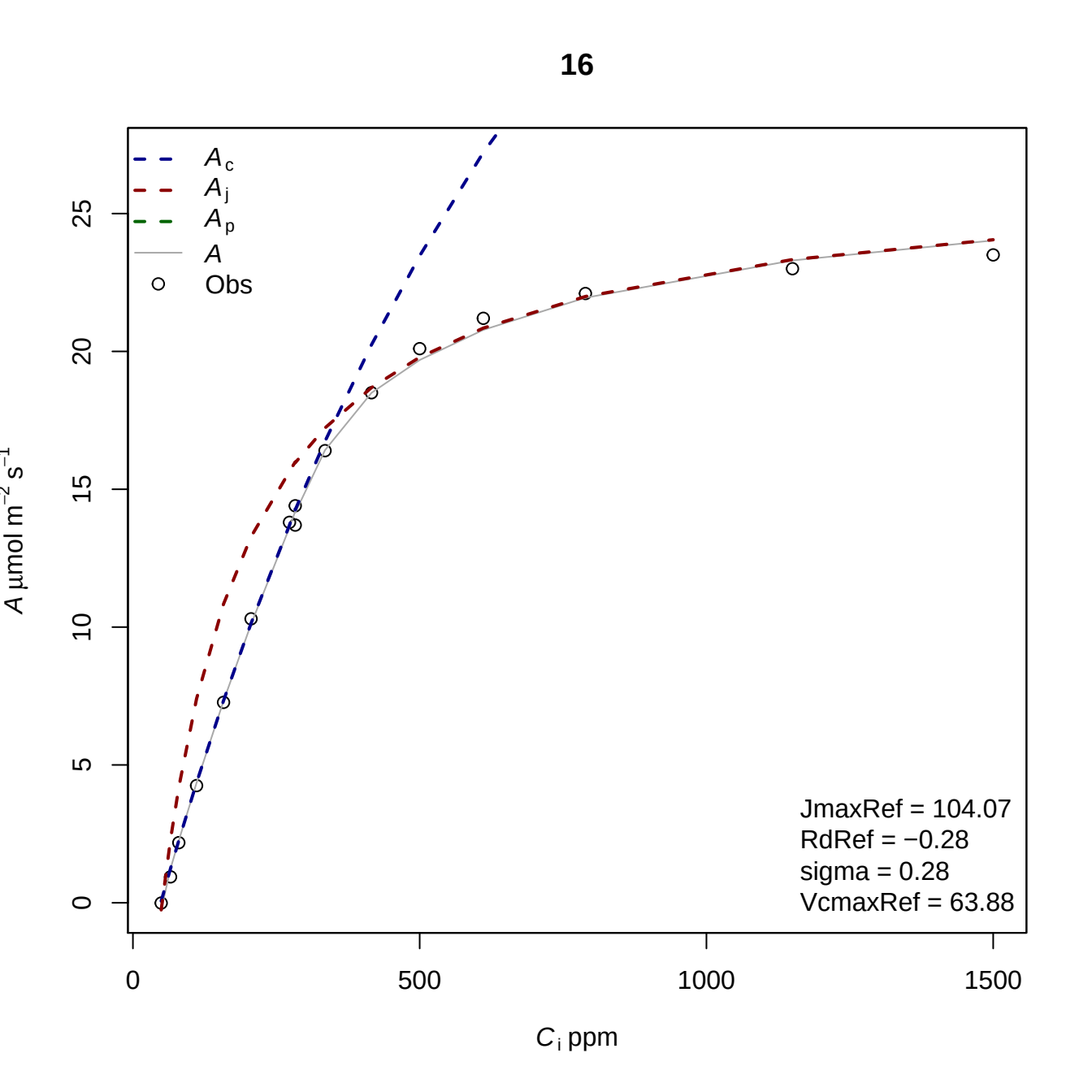

10
A_c
A_j
A_p
A
Obs
JmaxRef = 129.7
RdRef = 0.7
sigma = 0.85
VcmaxRef = 80.03
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000
1200

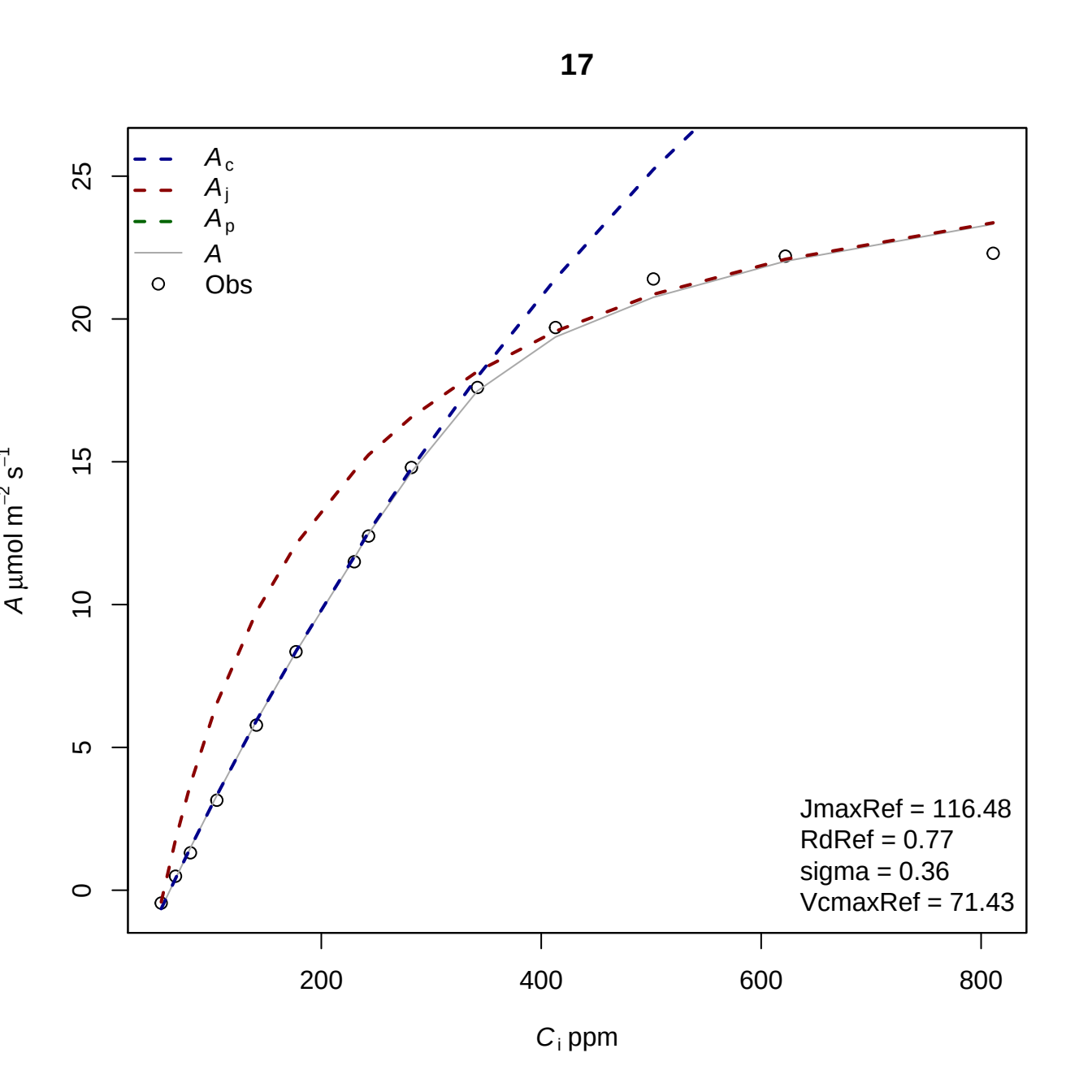

12
A_c
A_j
A_p
A
Obs
JmaxRef = 146.65
RdRef = 0.8
sigma = 1.19
VcmaxRef = 97.08
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000

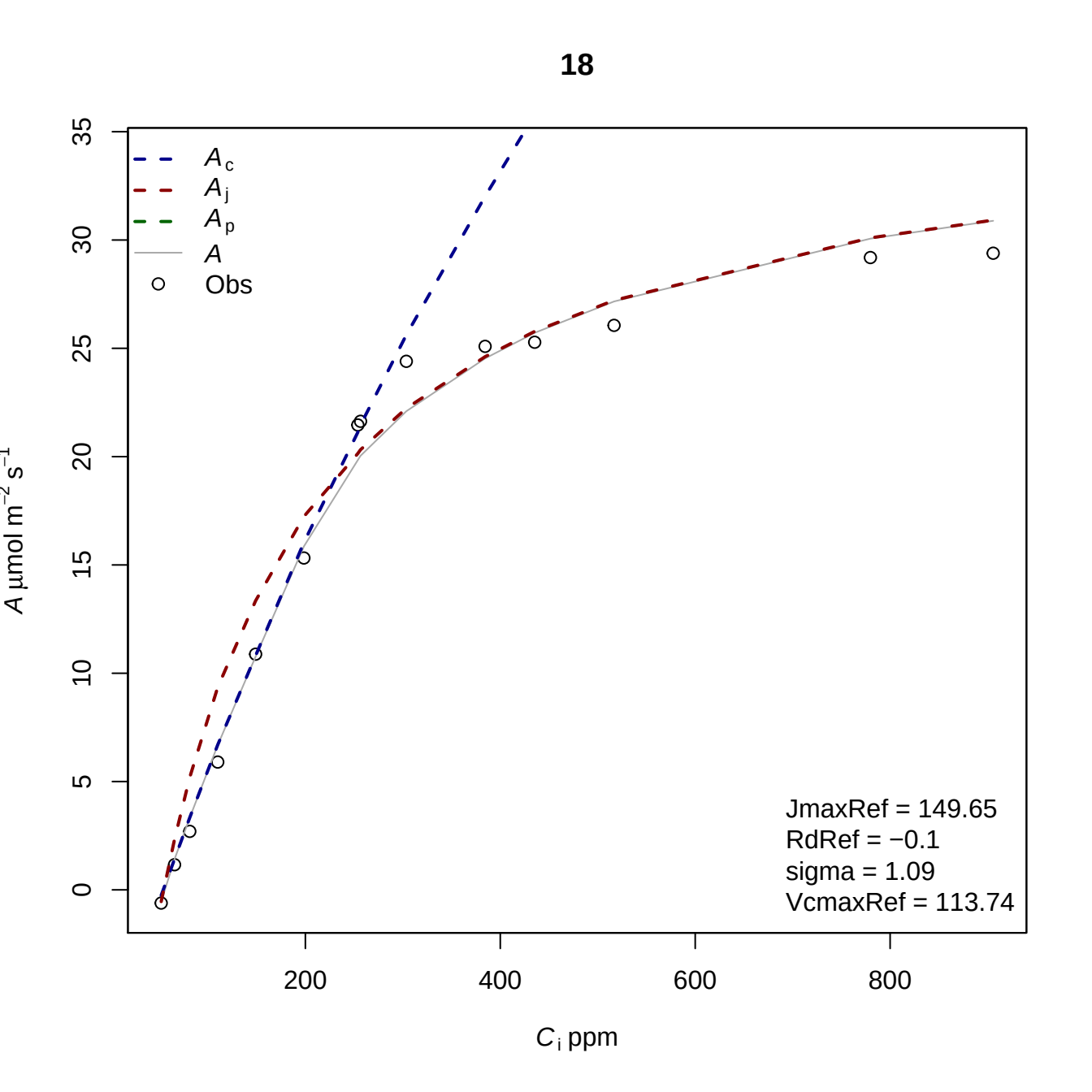

13
A_c
A_j
A_p
A
Obs
JmaxRef = 119.78
RdRef = −0.67
sigma = 1.09
VcmaxRef = 88.04
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000

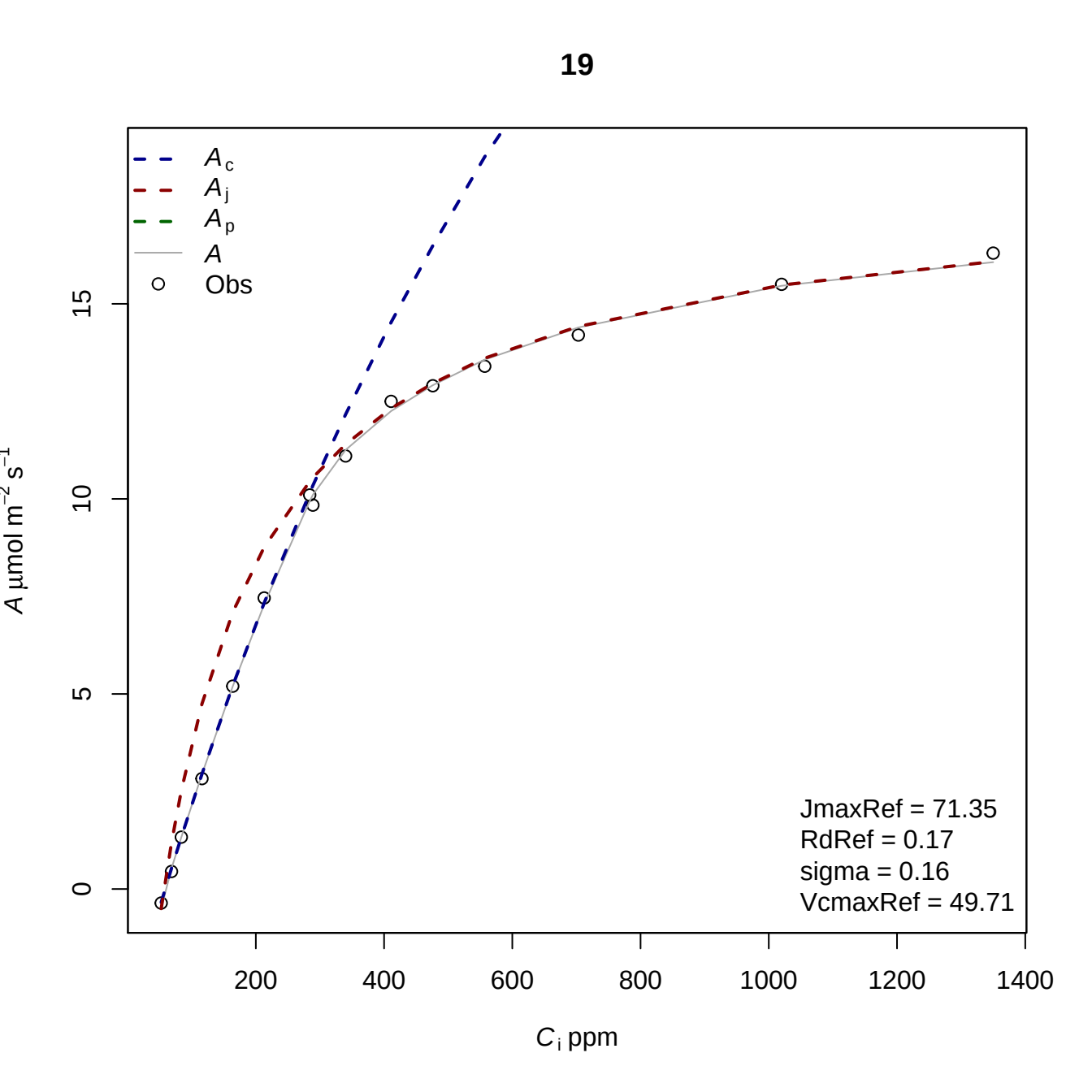

14
A_c
A_j
A_p
A
Obs
JmaxRef = 133.59
RdRef = 0.37
sigma = 0.62
VcmaxRef = 83.64
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000

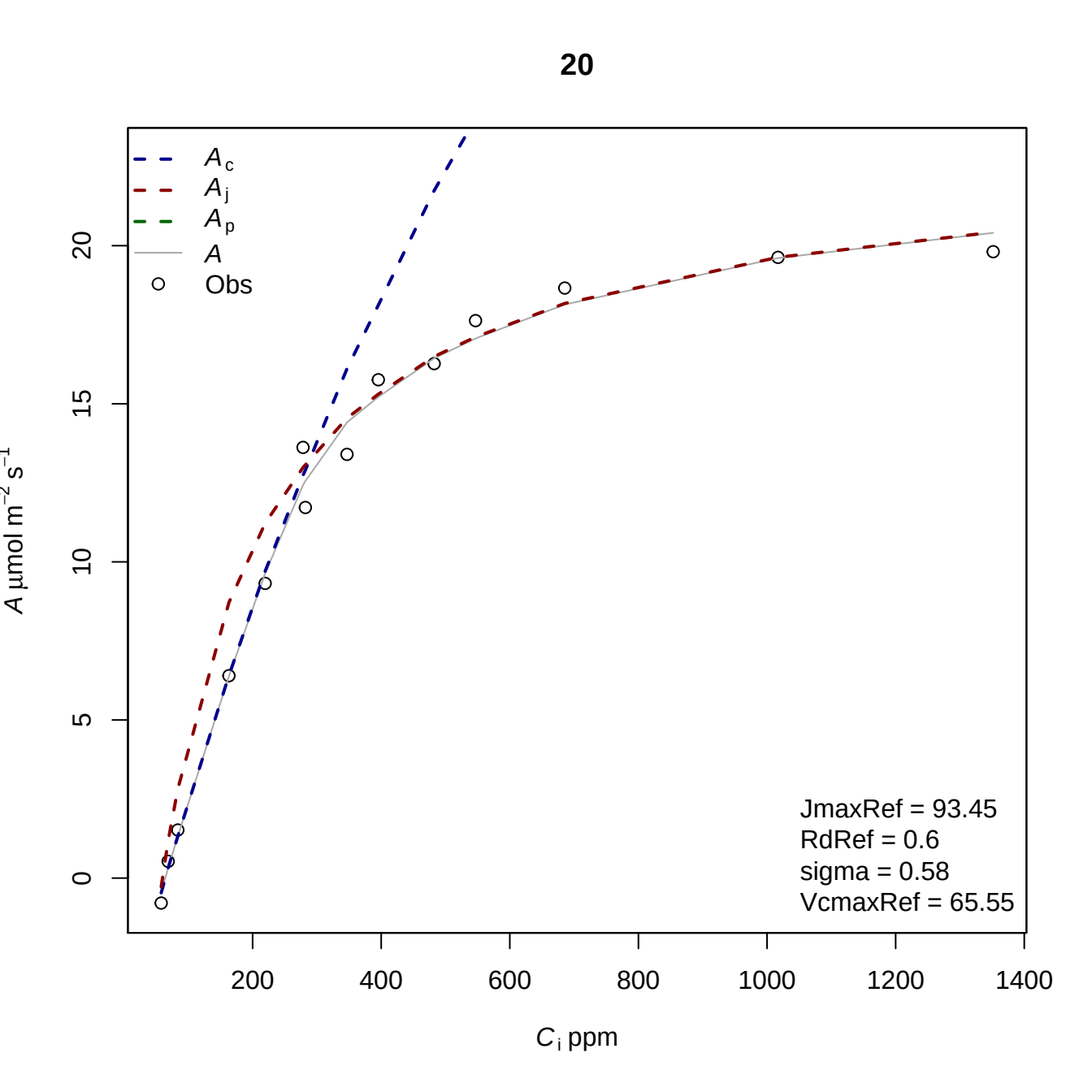

15
A_c
A_j
A_p
A
Obs
JmaxRef = 173.93
RdRef = 0.58
sigma = 0.81
VcmaxRef = 105.43
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
200
400
600
800
1000
1200

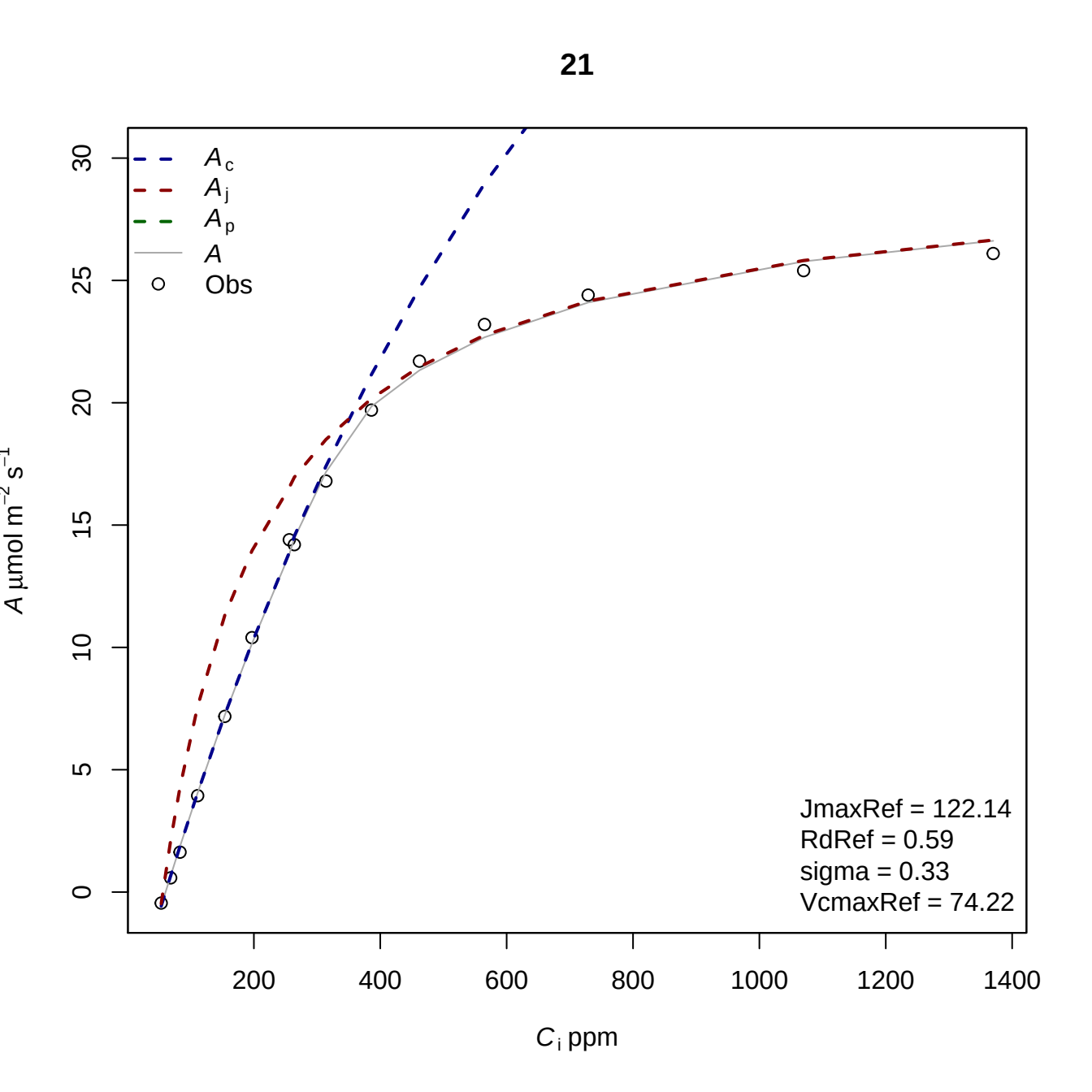

16
A_c
A_j
A_p
A
Obs
JmaxRef = 104.07
RdRef = −0.28
sigma = 0.28
VcmaxRef = 63.88
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

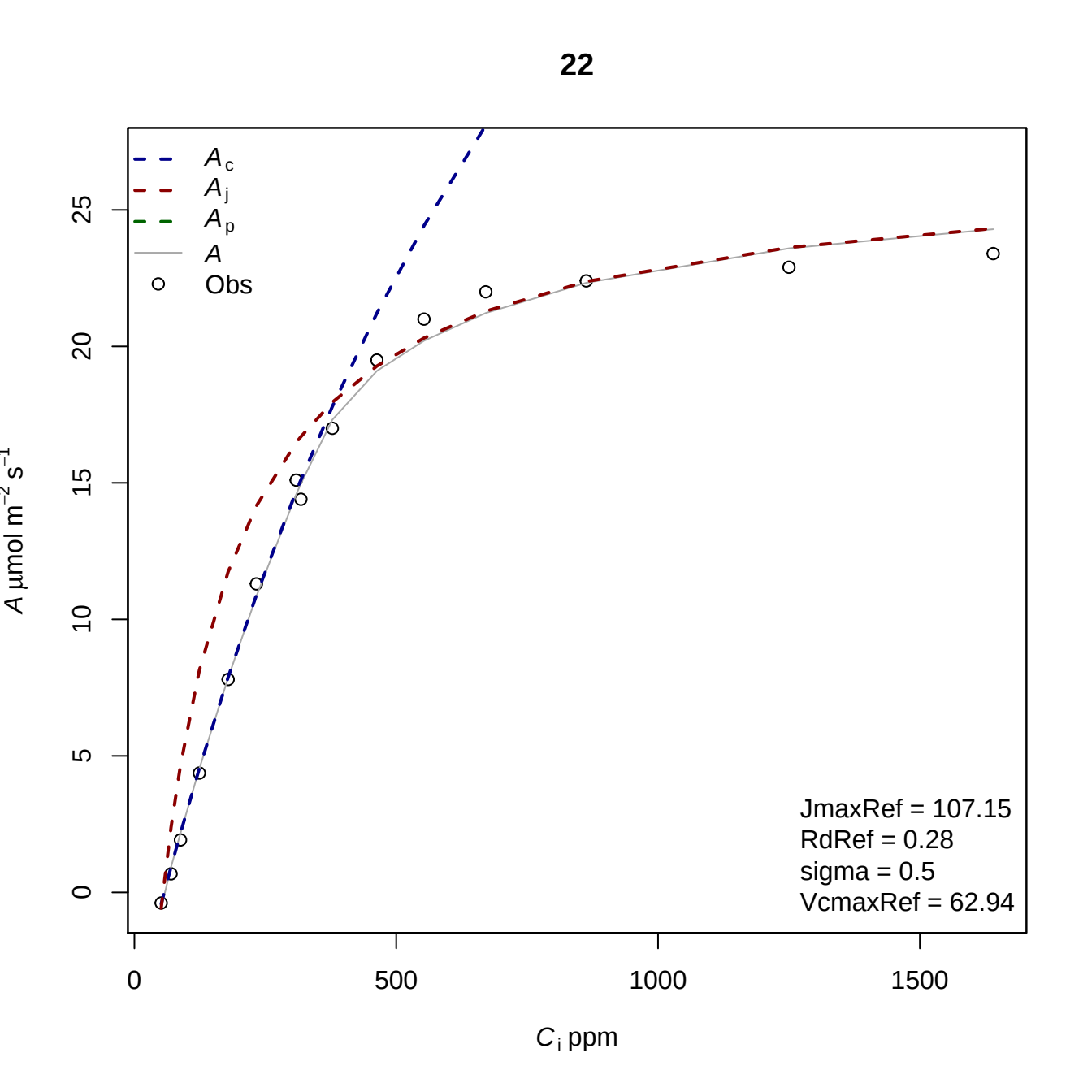

17
A_c
A_j
A_p
A
Obs
JmaxRef = 116.48
RdRef = 0.77
sigma = 0.36
VcmaxRef = 71.43
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800

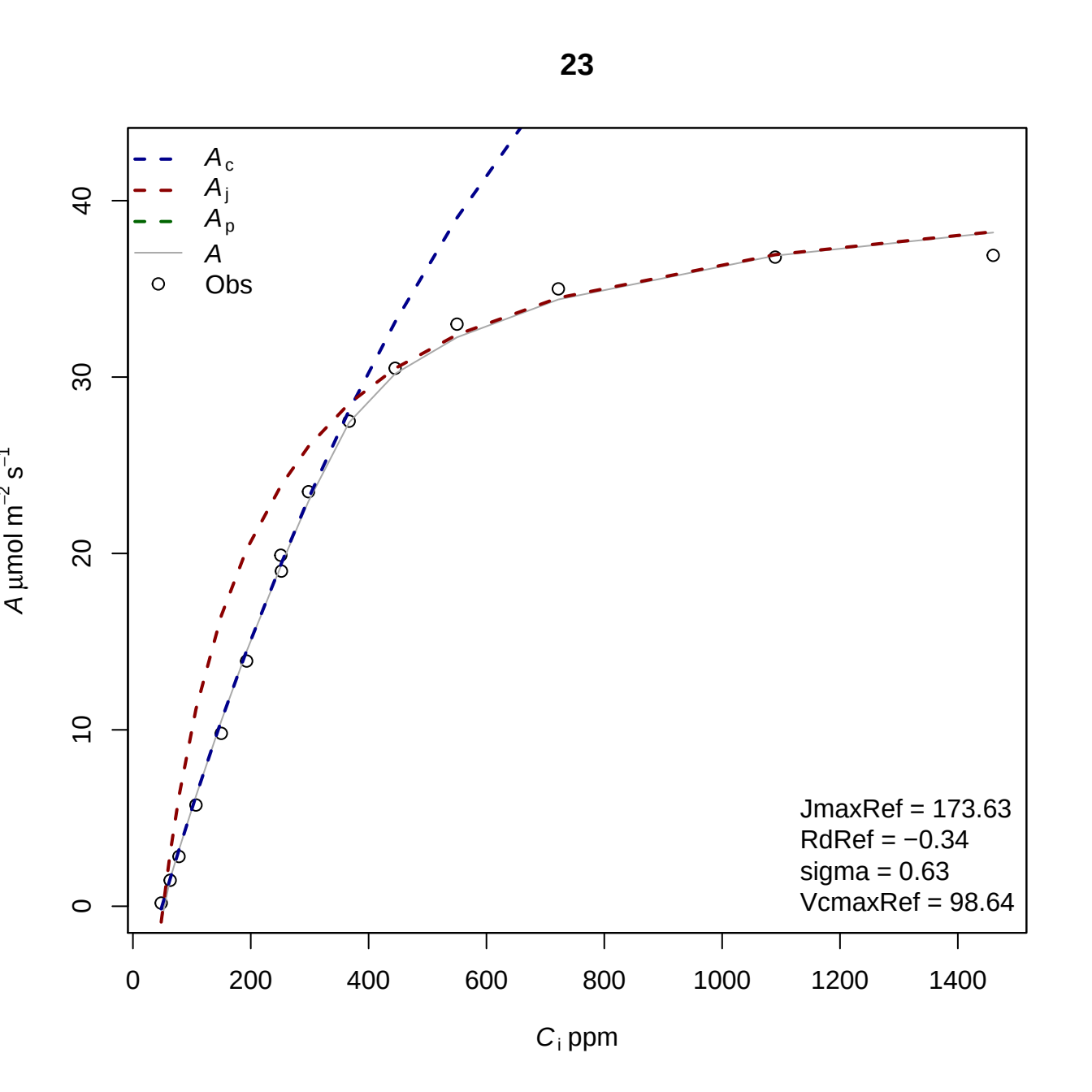

18
A_c
A_j
A_p
A
Obs
JmaxRef = 149.65
RdRef = −0.1
sigma = 1.09
VcmaxRef = 113.74
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
35
200
400
600
800

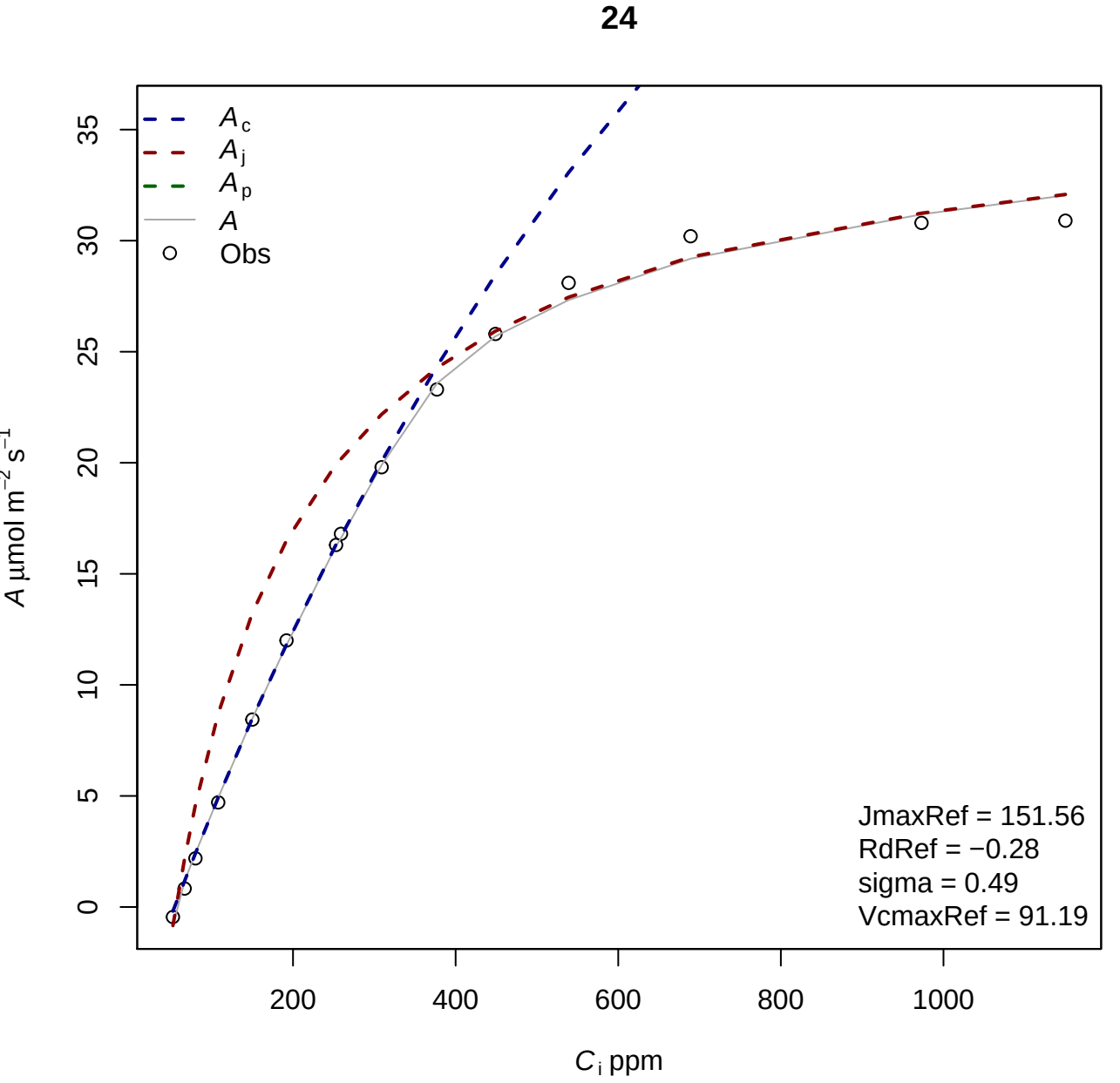

19
A_c
A_j
A_p
A
Obs
JmaxRef = 71.35
RdRef = 0.17
sigma = 0.16
VcmaxRef = 49.71
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200
1400

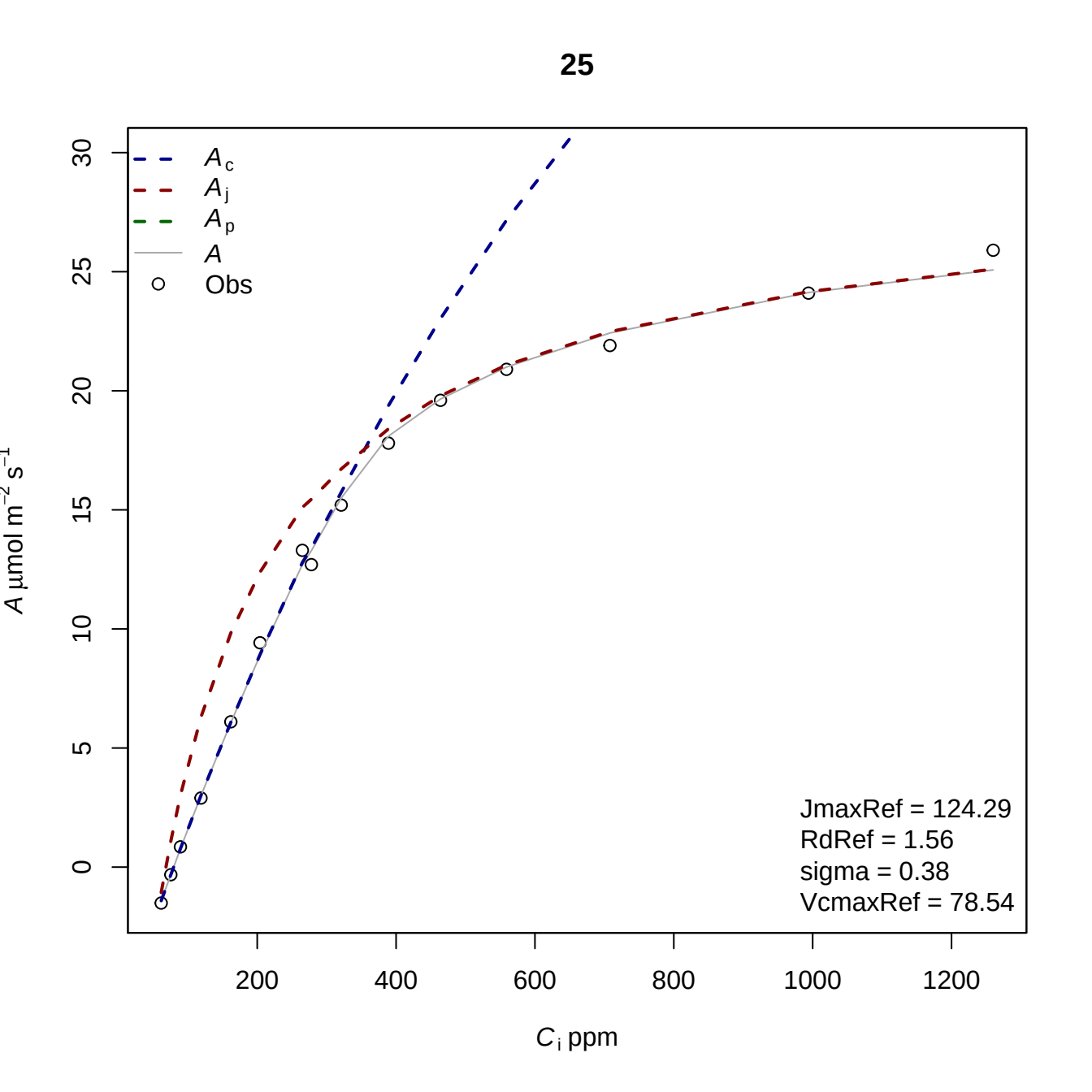

20
A_c
A_j
A_p
A
Obs
JmaxRef = 93.45
RdRef = 0.6
sigma = 0.58
VcmaxRef = 65.55
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200
1400

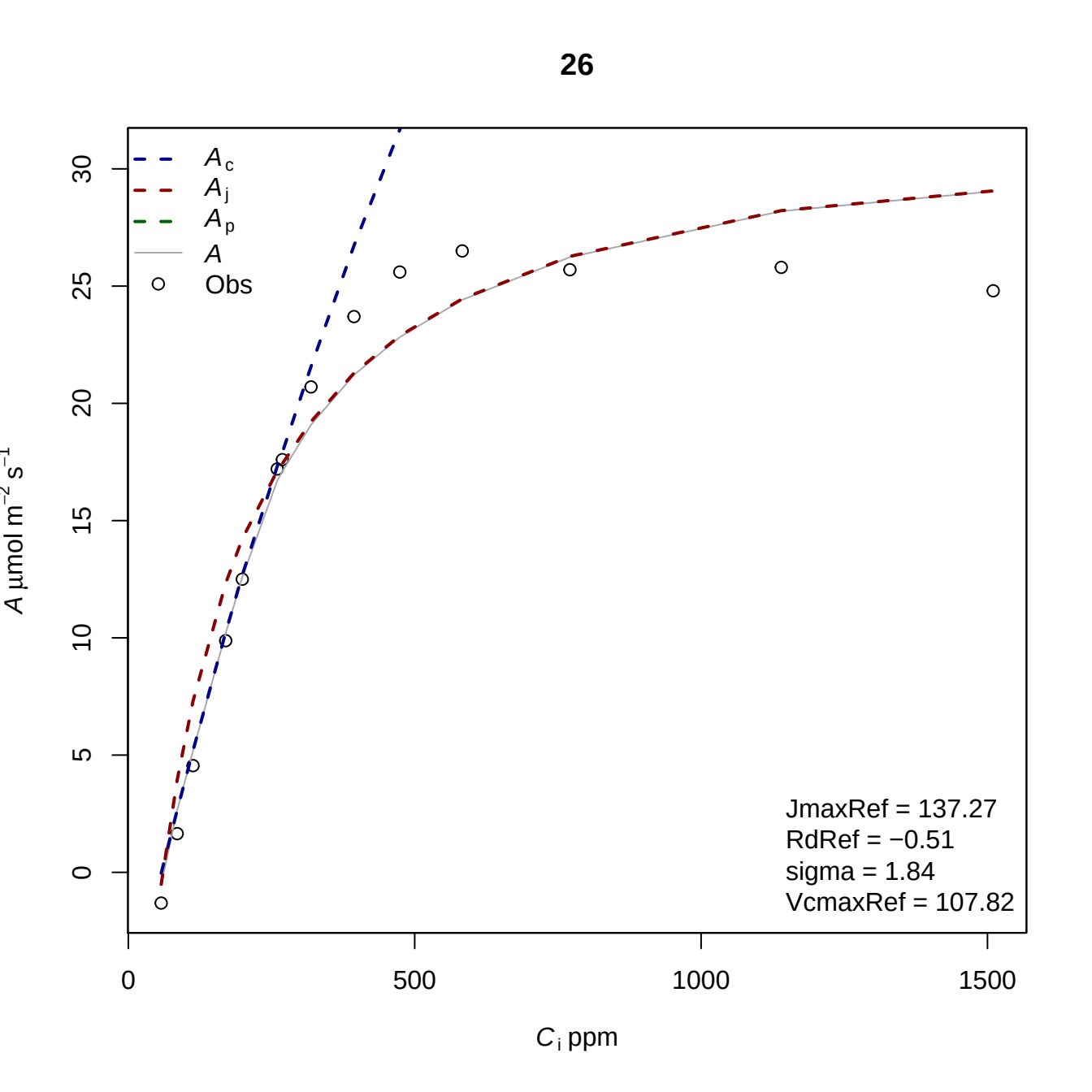

21
A_c
A_j
A_p
A
Obs
JmaxRef = 122.14
RdRef = 0.59
sigma = 0.33
VcmaxRef = 74.22
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000
1200
1400

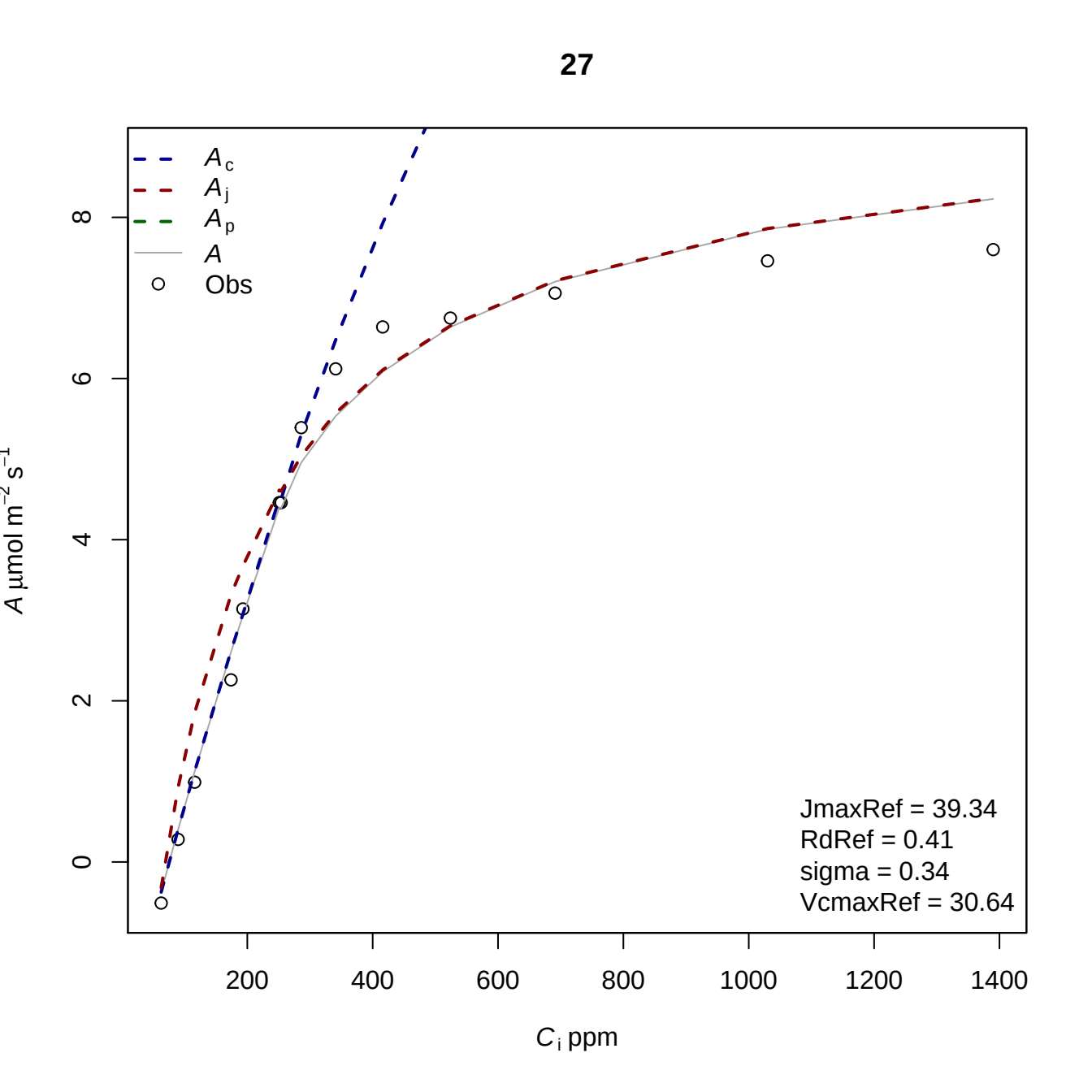

22
A_c
A_j
A_p
A
Obs
JmaxRef = 107.15
RdRef = 0.28
sigma = 0.5
VcmaxRef = 62.94
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
0
500
1000
1500

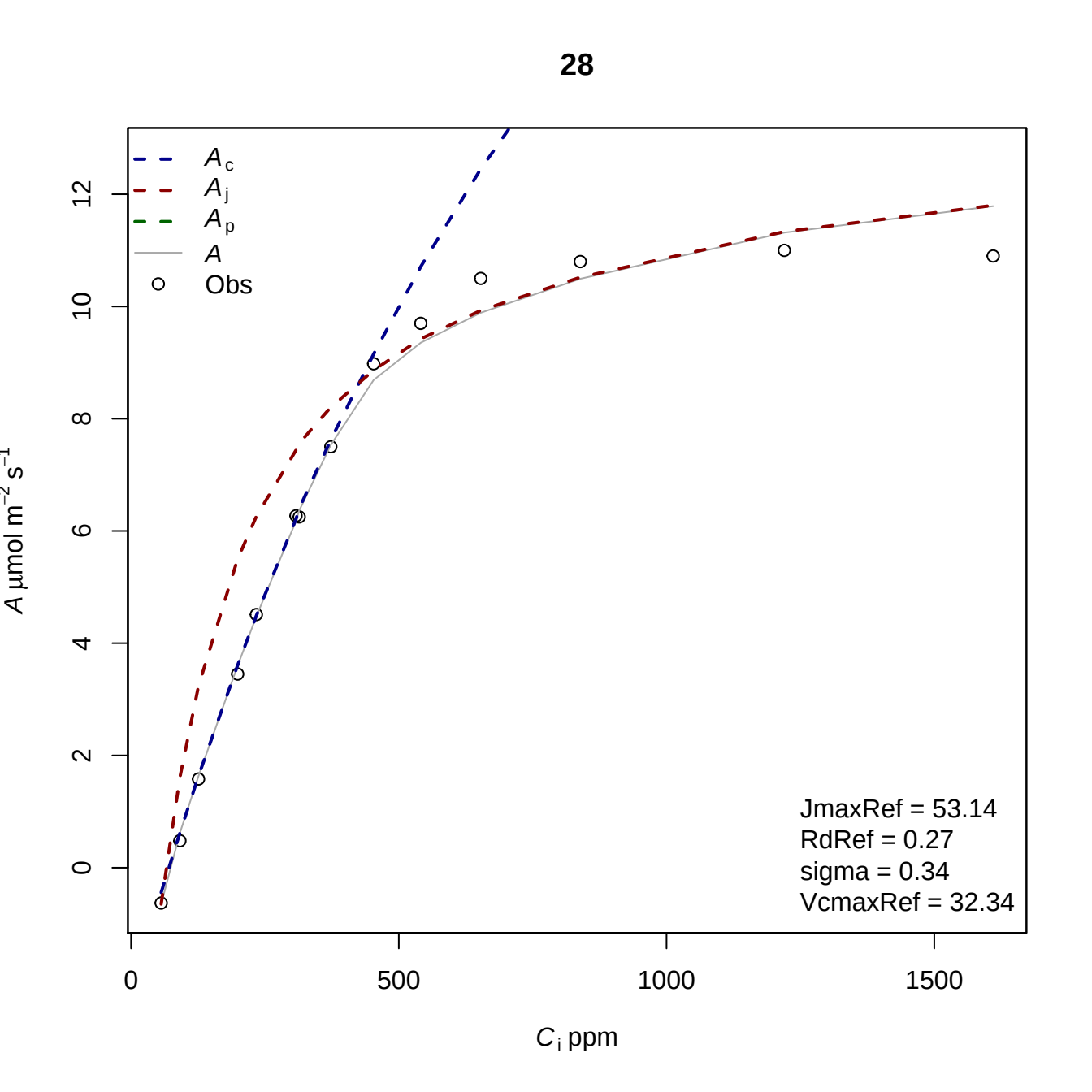

23
A_c
A_j
A_p
A
Obs
JmaxRef = 173.63
RdRef = −0.34
sigma = 0.63
VcmaxRef = 98.64
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000
1200
1400

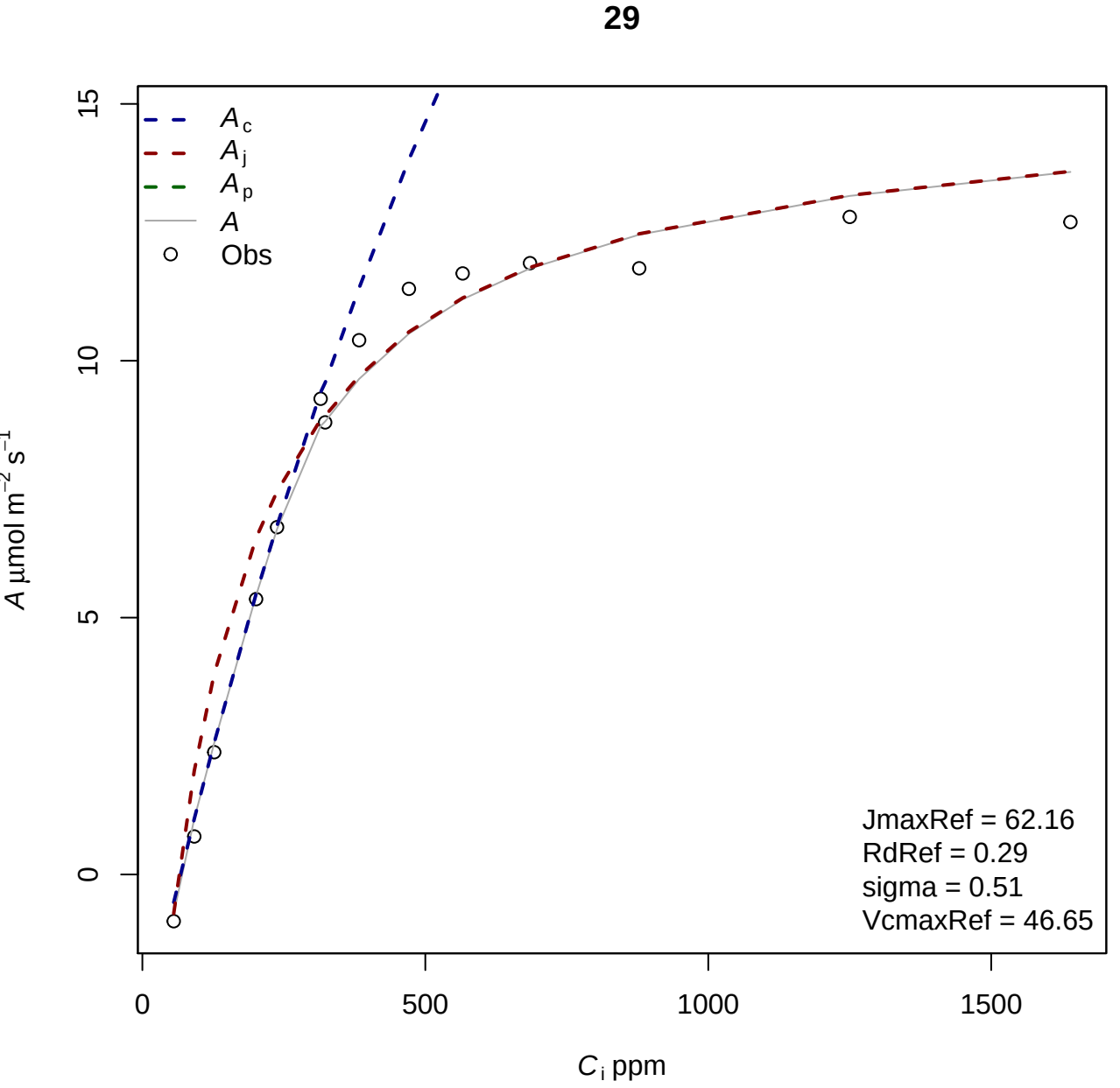

24
A_c
A_j
A_p
A
Obs
A µmol m^{-2} s^{-1}
0
5
10
15
20
25
30
35
200
400
600
800
1000
C_i ppm
JmaxRef = 151.56
RdRef = −0.28
sigma = 0.49
VcmaxRef = 91.19

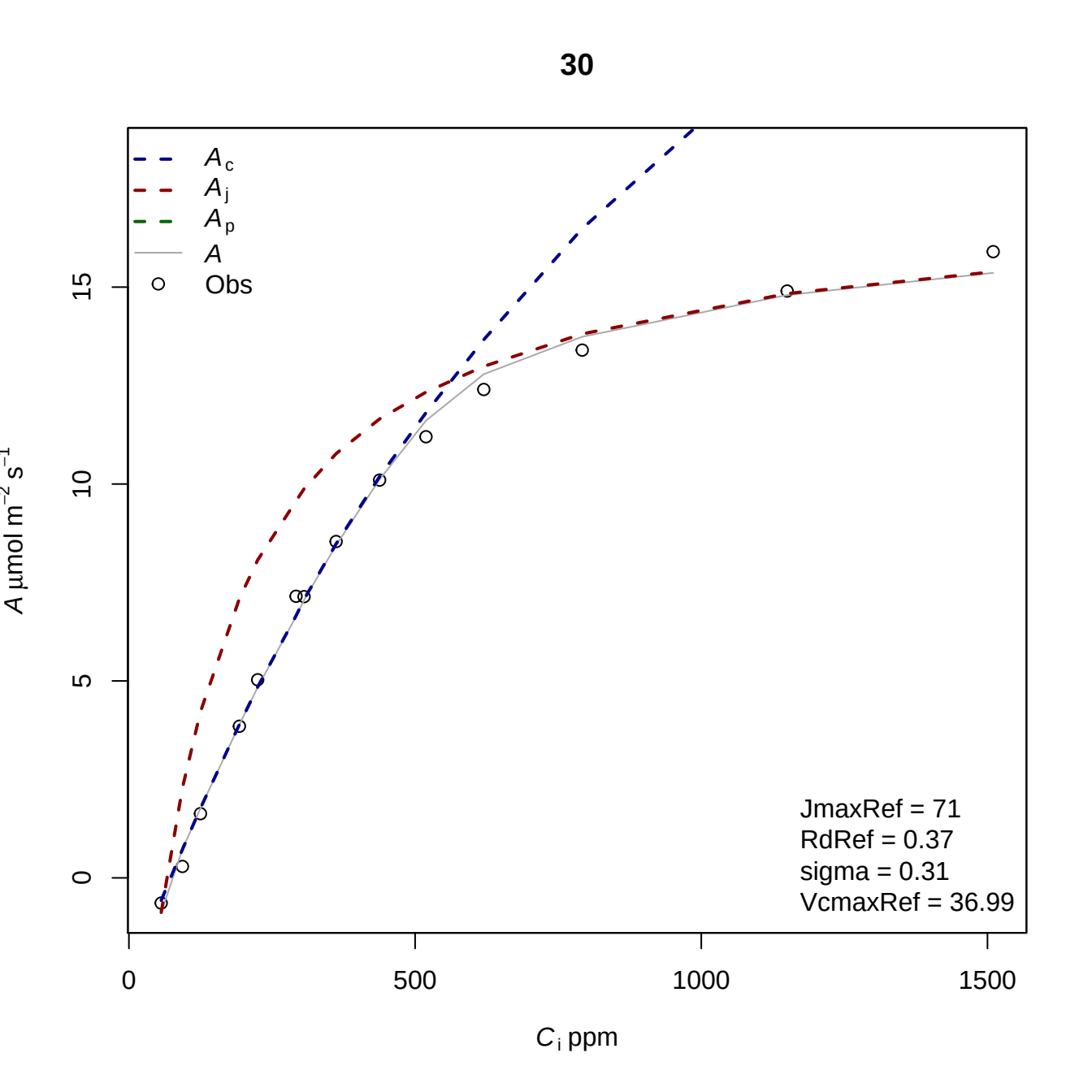

25
A_c
A_j
A_p
A
Obs
JmaxRef = 124.29
RdRef = 1.56
sigma = 0.38
VcmaxRef = 78.54
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000
1200

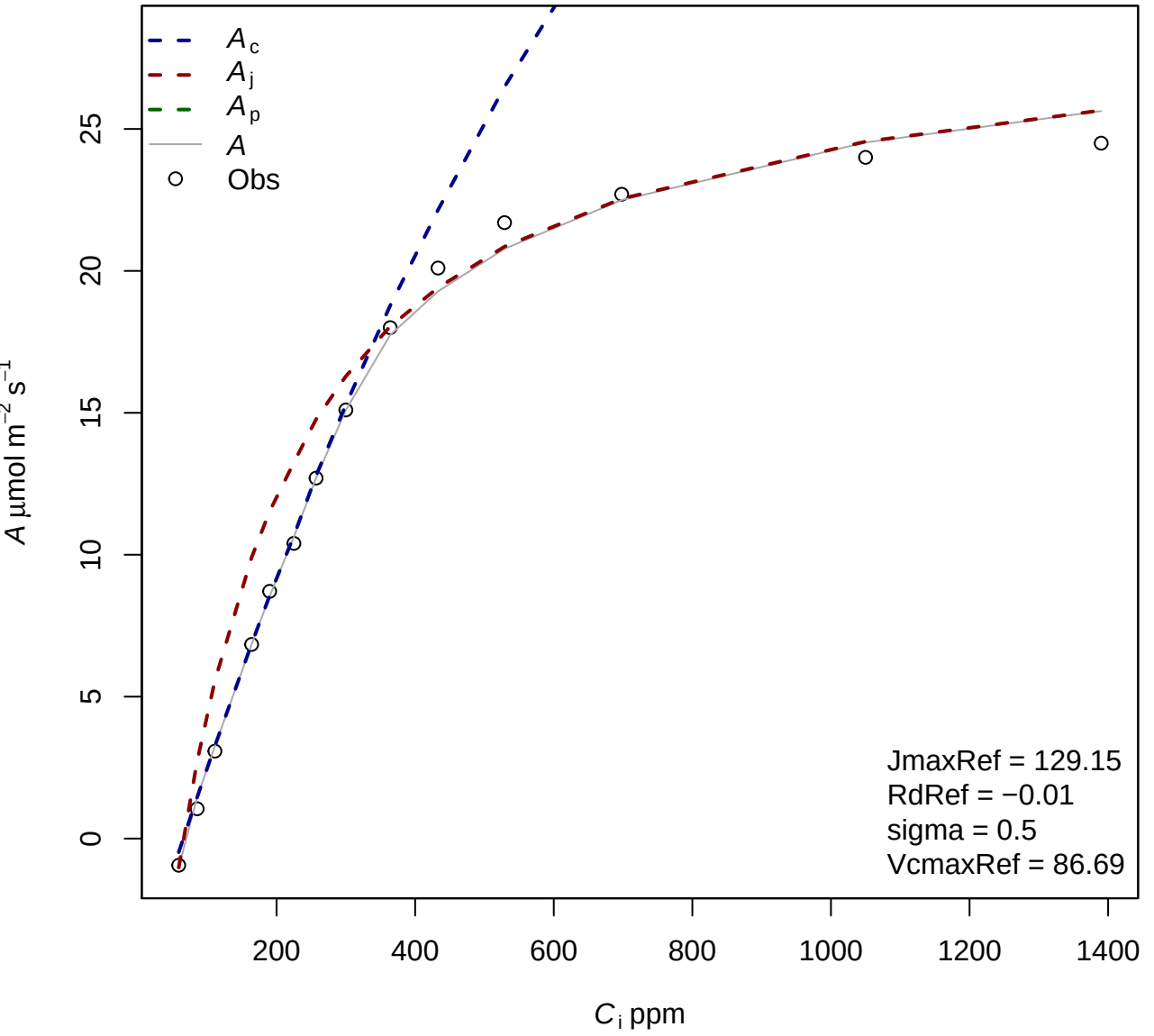

26
A_c
A_j
A_p
A
Obs
JmaxRef = 137.27
RdRef = −0.51
sigma = 1.84
VcmaxRef = 107.82
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

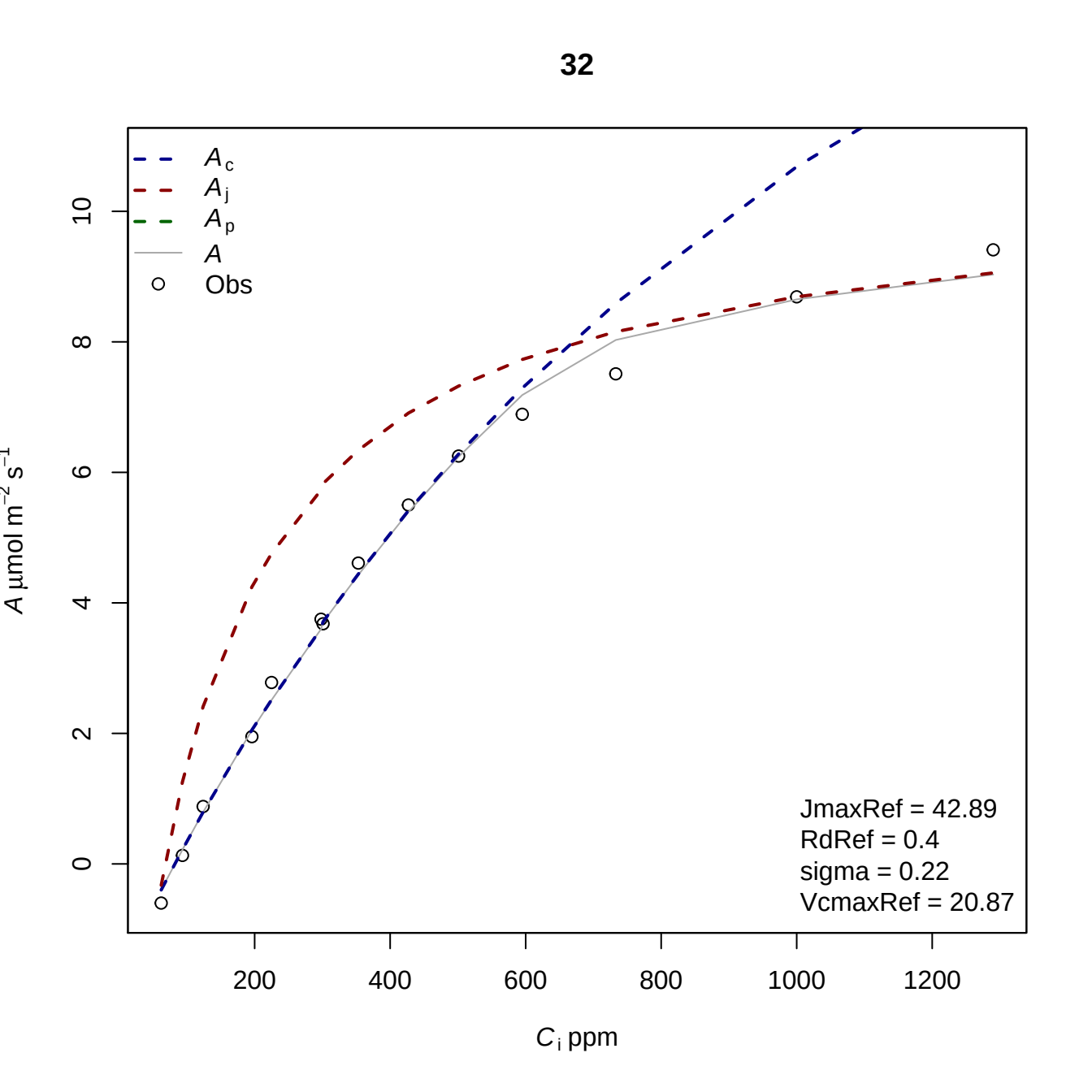

27
A_c
A_j
A_p
A
Obs
JmaxRef = 39.34
RdRef = 0.41
sigma = 0.34
VcmaxRef = 30.64
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
200
400
600
800
1000
1200
1400

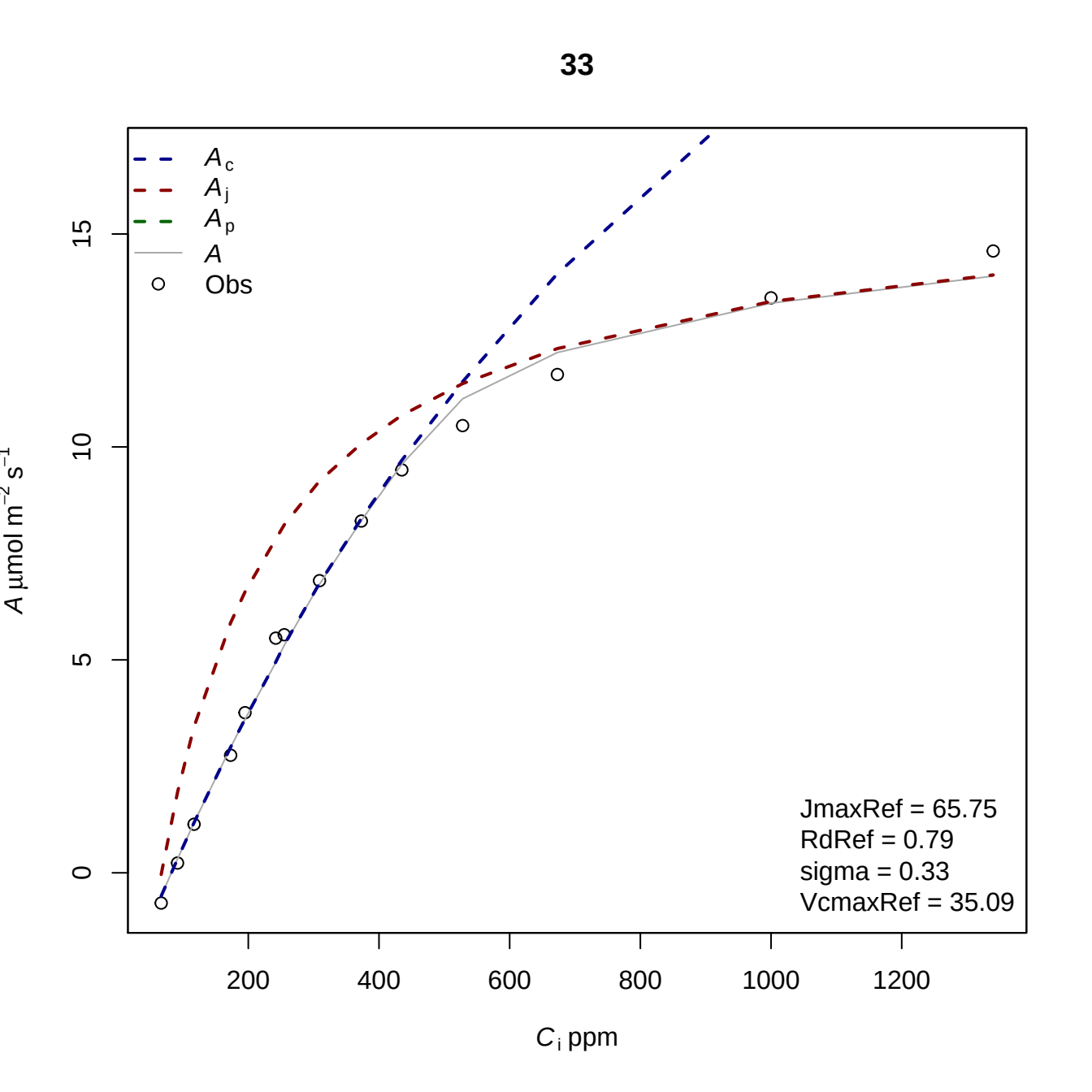

28
A_c
A_j
A_p
A
Obs
JmaxRef = 53.14
RdRef = 0.27
sigma = 0.34
VcmaxRef = 32.34
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
0
500
1000
1500

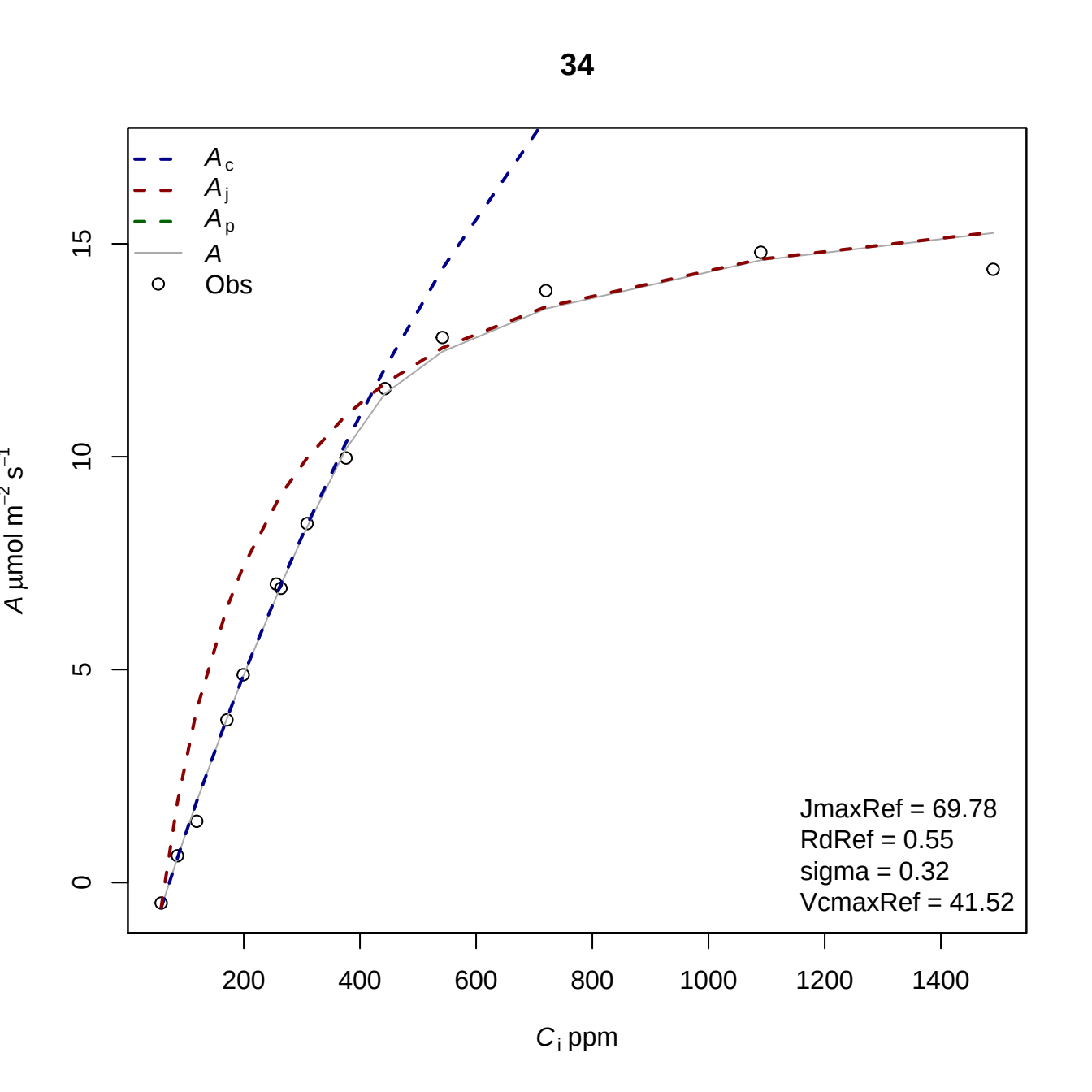

29
A_c
A_j
A_p
A
Obs
JmaxRef = 62.16
RdRef = 0.29
sigma = 0.51
VcmaxRef = 46.65
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

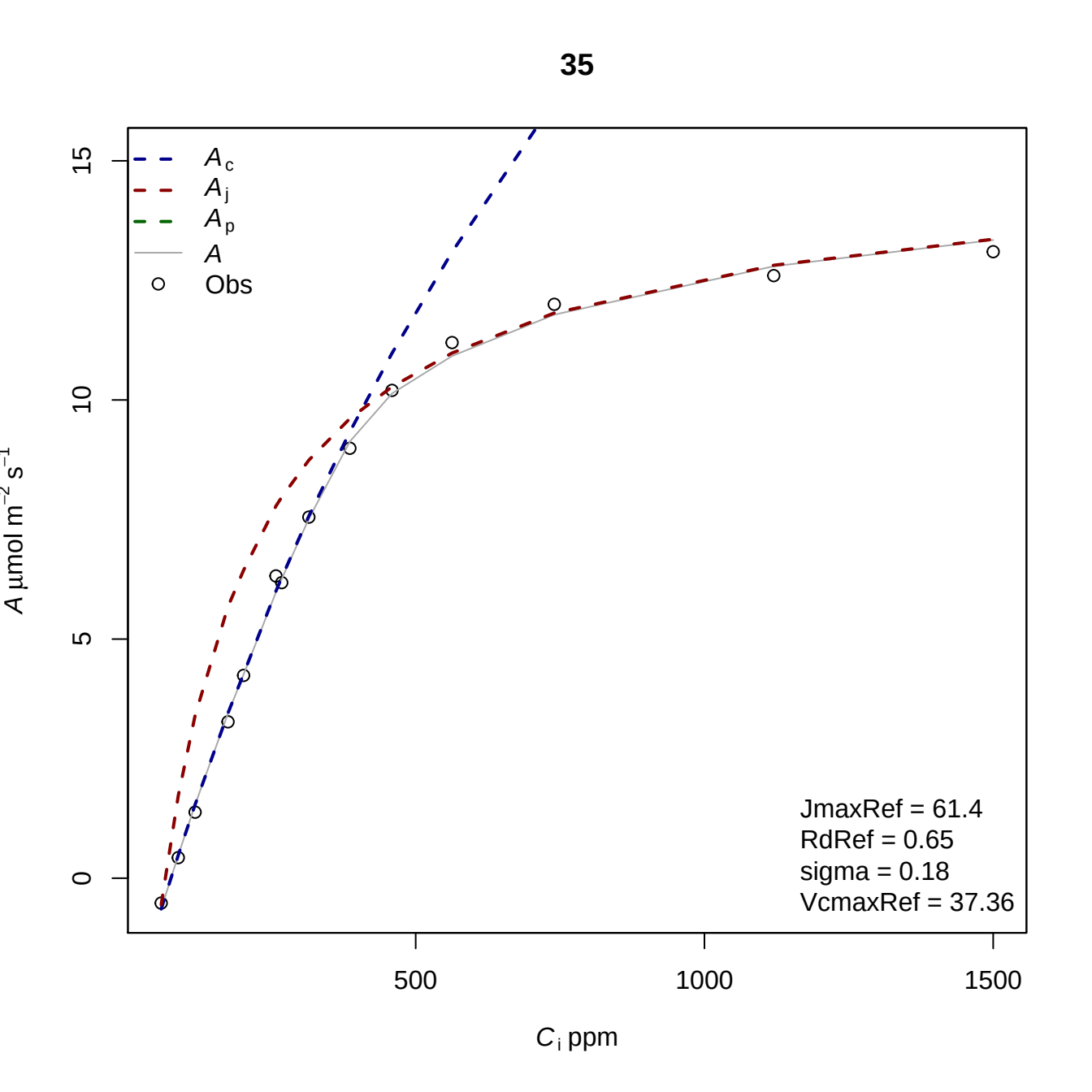

30
A_c
A_j
A_p
A
Obs
JmaxRef = 71
RdRef = 0.37
sigma = 0.31
VcmaxRef = 36.99
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

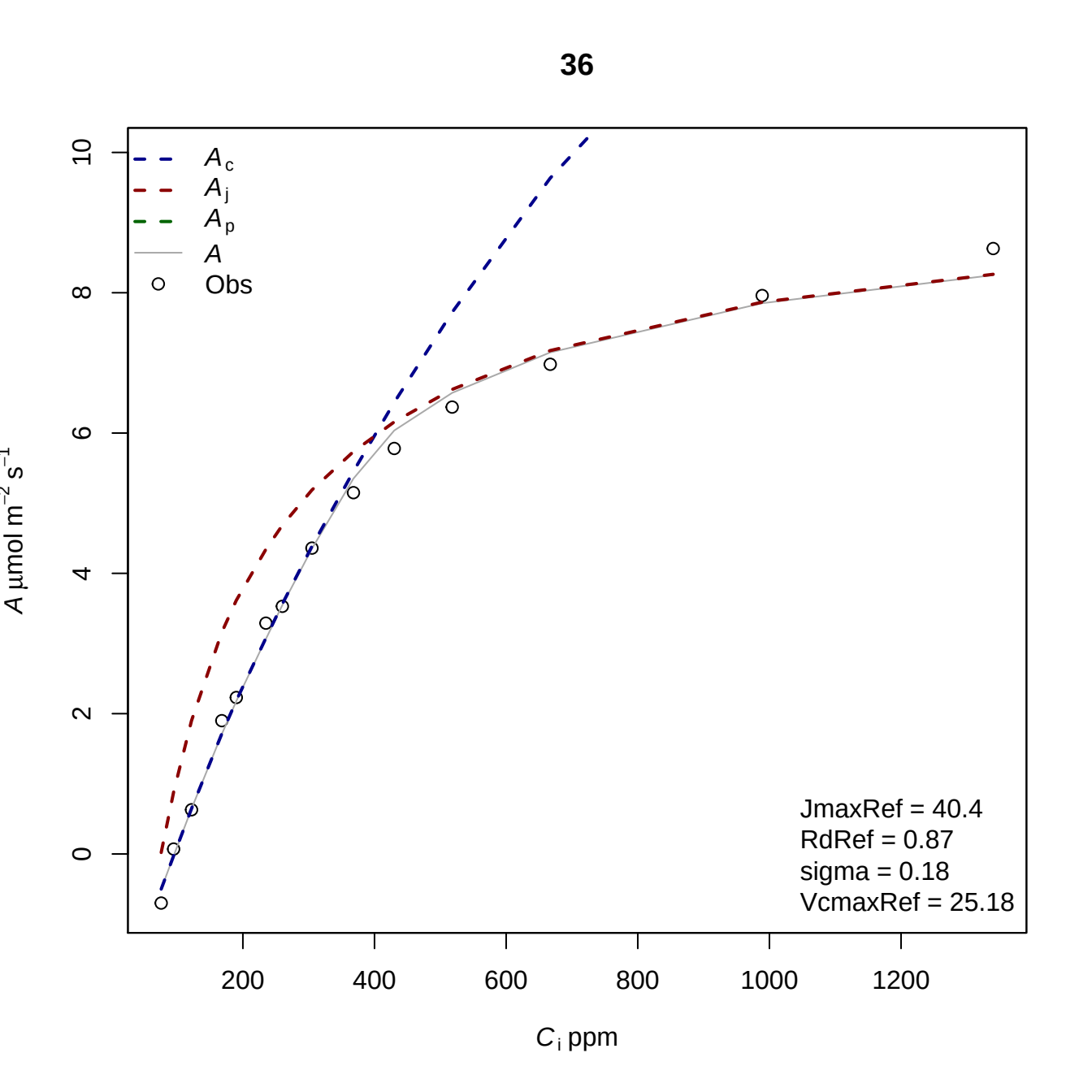

A_c
A_j
A_p
A
Obs
JmaxRef = 129.15
RdRef = −0.01
sigma = 0.5
VcmaxRef = 86.69
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000
1200
1400

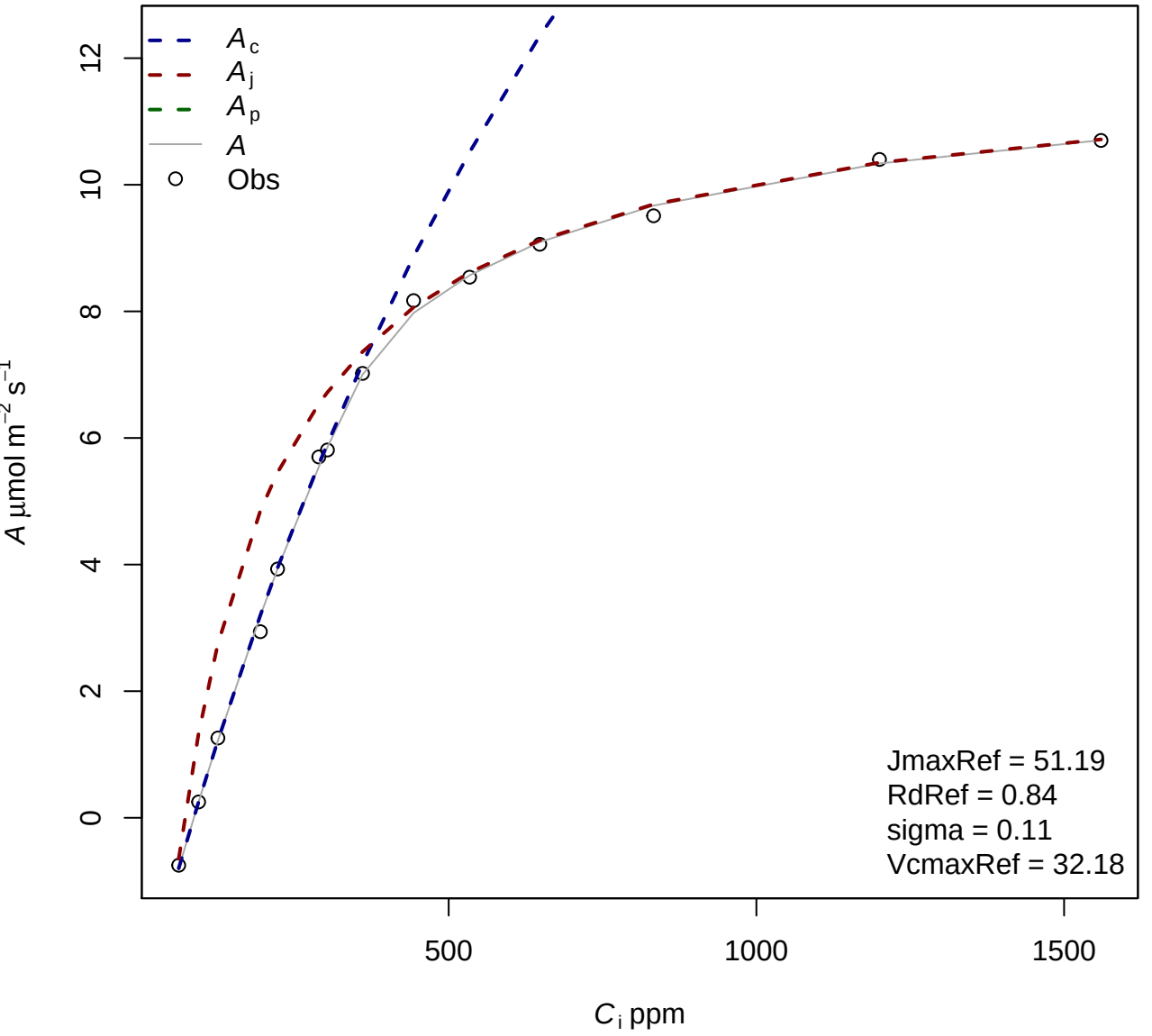

32
A_c
A_j
A_p
A
Obs
JmaxRef = 42.89
RdRef = 0.4
sigma = 0.22
VcmaxRef = 20.87
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000
1200

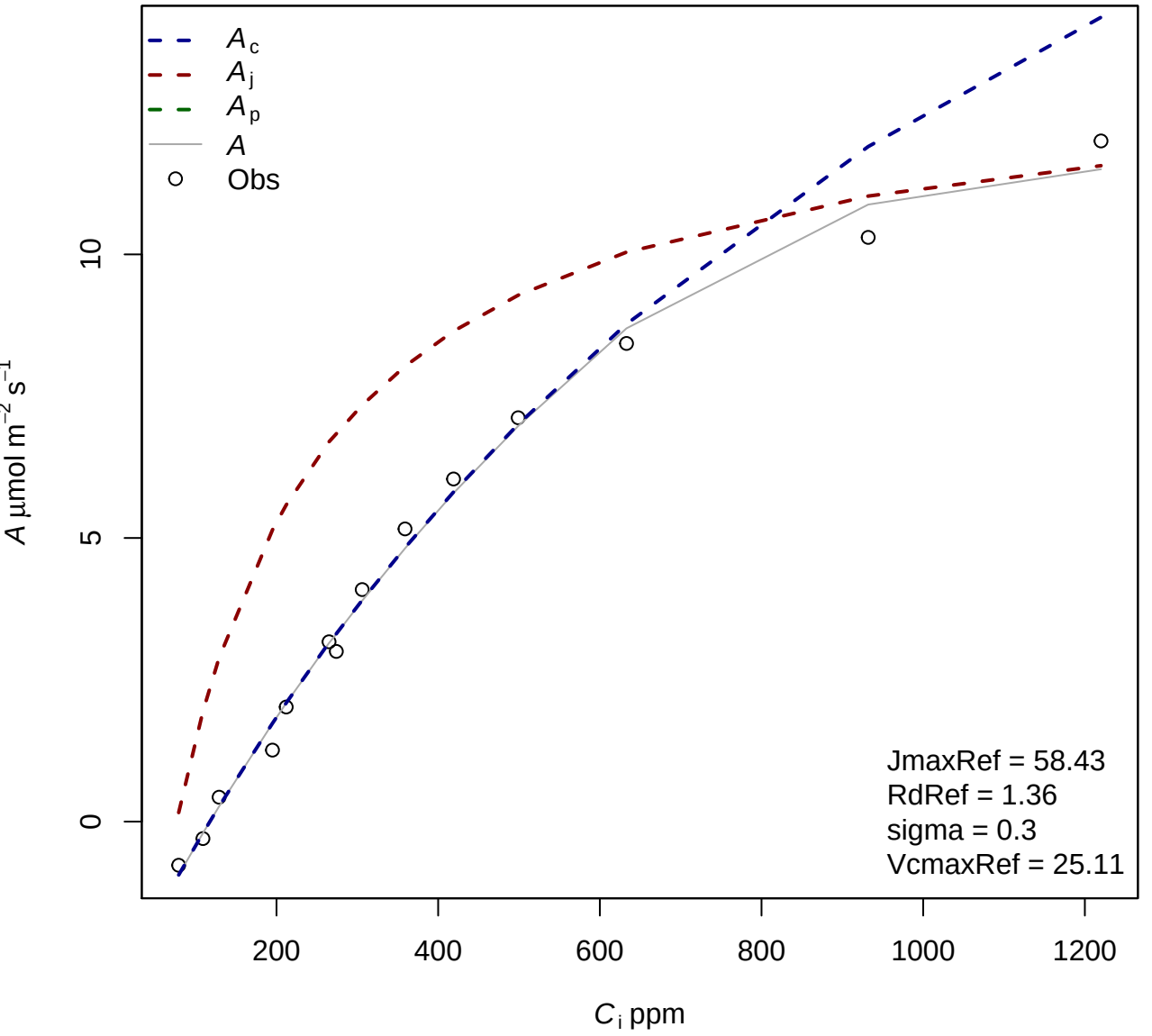

33
A_c
A_j
A_p
A
Obs
JmaxRef = 65.75
RdRef = 0.79
sigma = 0.33
VcmaxRef = 35.09
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

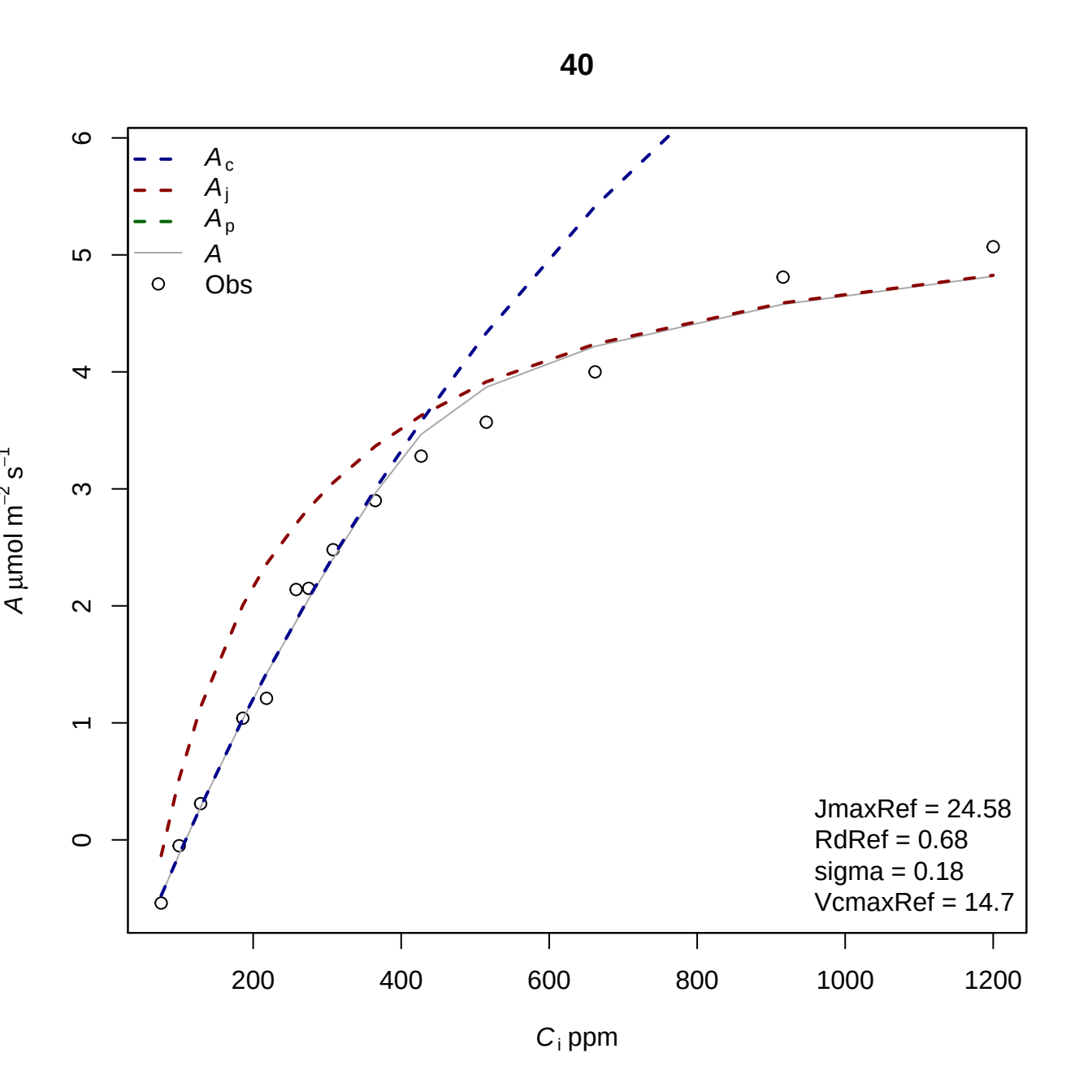

34
A_c
A_j
A_p
A
Obs
JmaxRef = 69.78
RdRef = 0.55
sigma = 0.32
VcmaxRef = 41.52
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200
1400

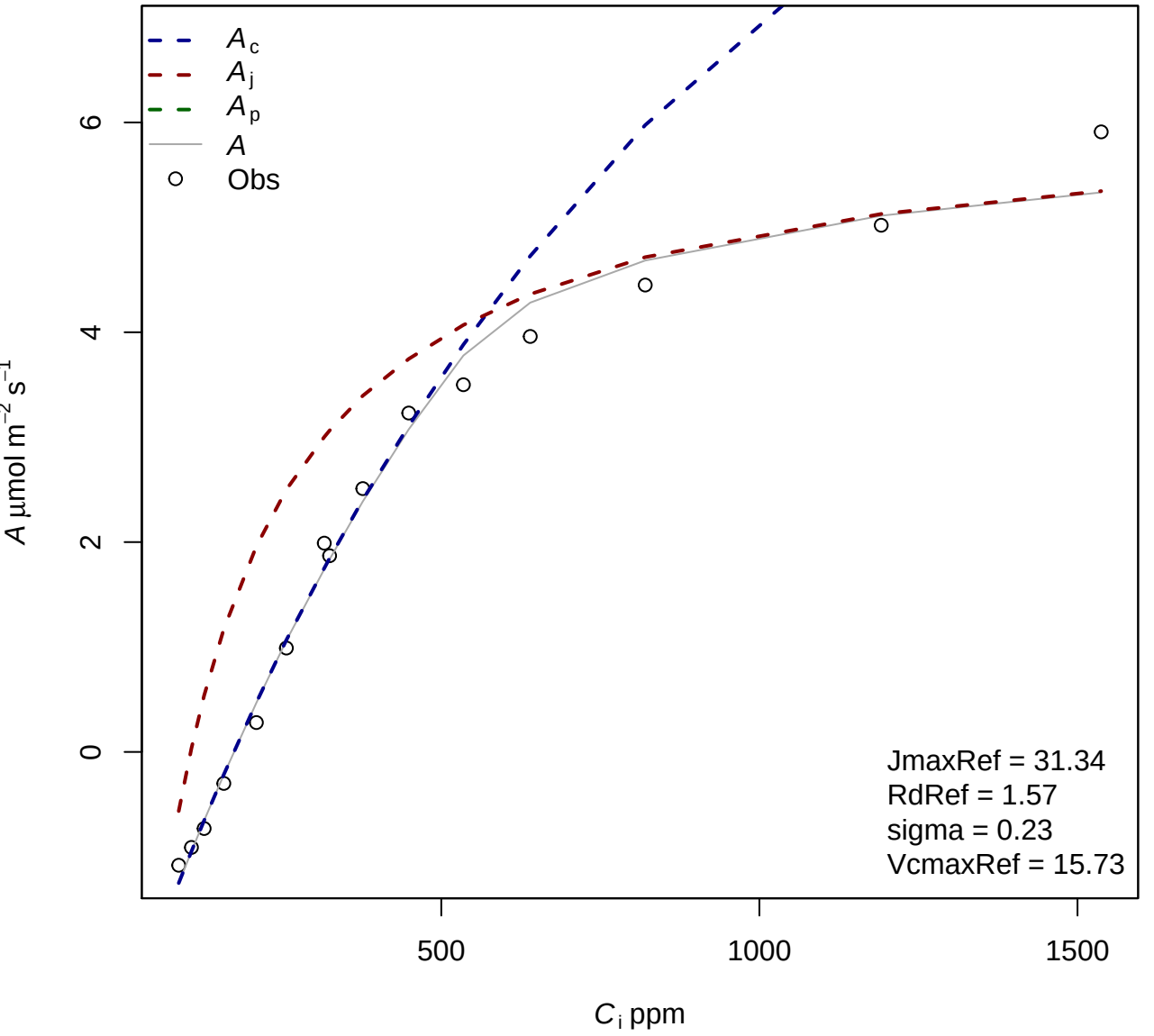

35
A_c
A_j
A_p
A
Obs
JmaxRef = 61.4
RdRef = 0.65
sigma = 0.18
VcmaxRef = 37.36
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
500
1000
1500

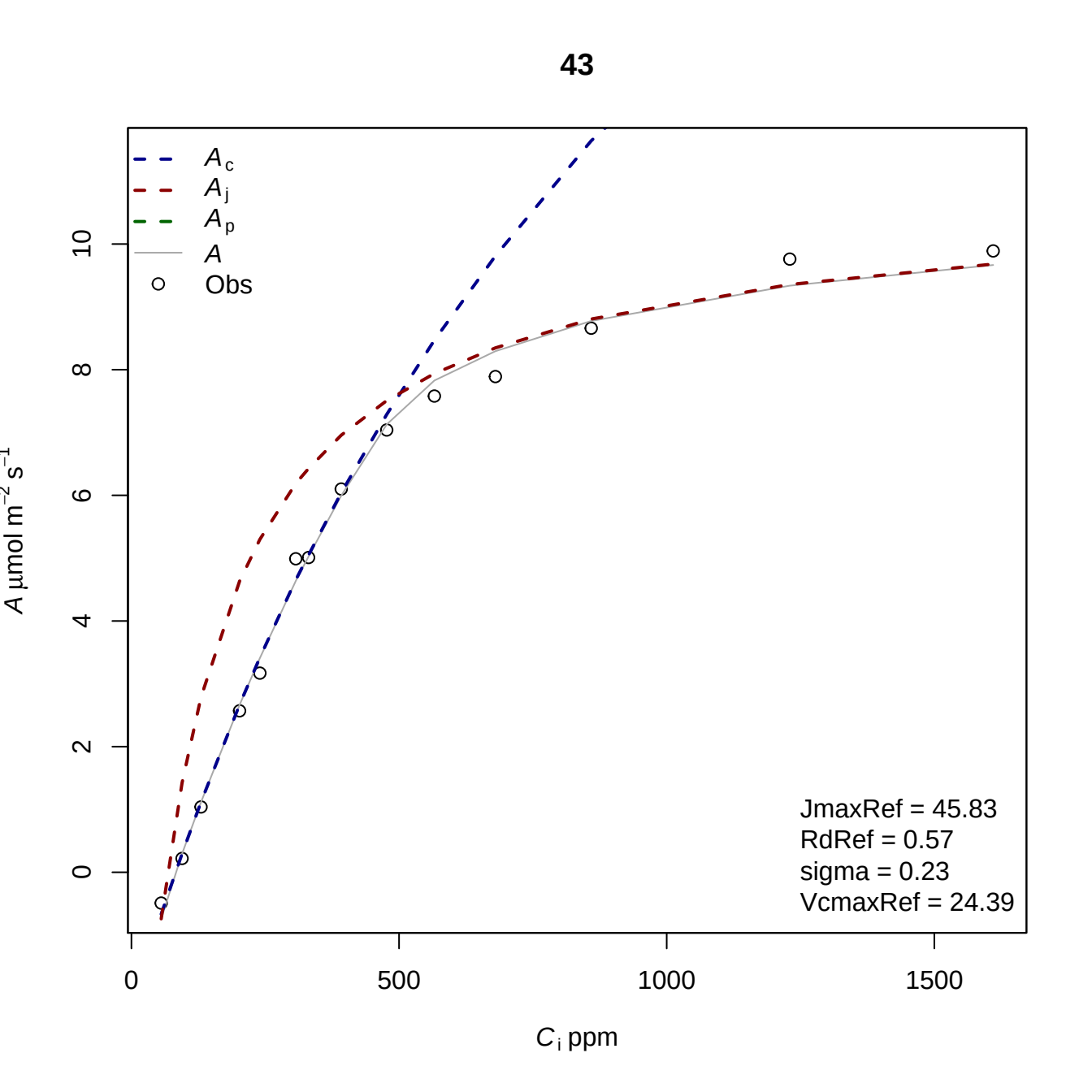

36
A_c
A_j
A_p
A
Obs
JmaxRef = 40.4
RdRef = 0.87
sigma = 0.18
VcmaxRef = 25.18
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000
1200

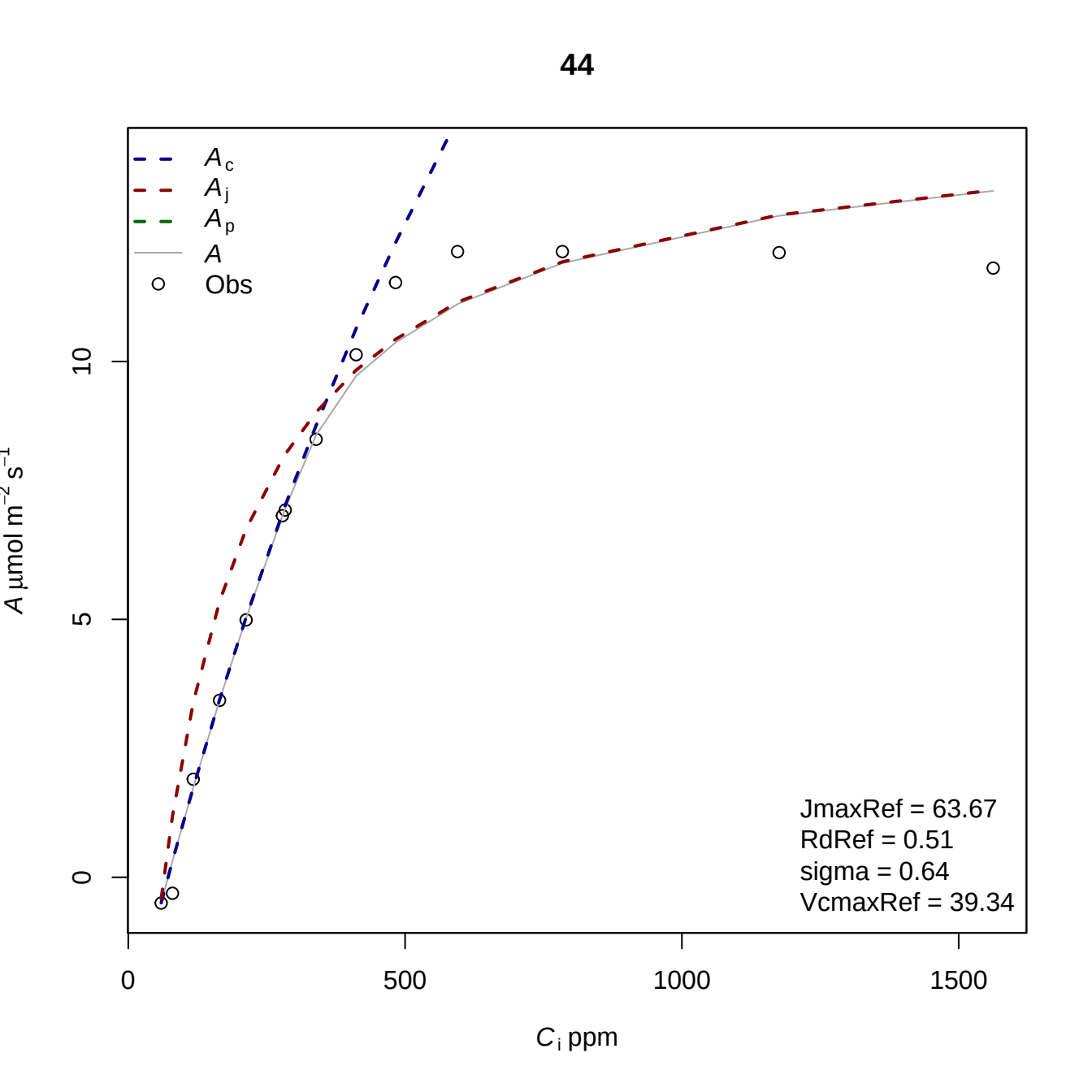

A_c
A_j
A_p
A
Obs
A µmol m^{-2} s^{-1}
0
2
4
6
8
10
12
500
1000
1500
C_i ppm
JmaxRef = 51.19
RdRef = 0.84
sigma = 0.11
VcmaxRef = 32.18

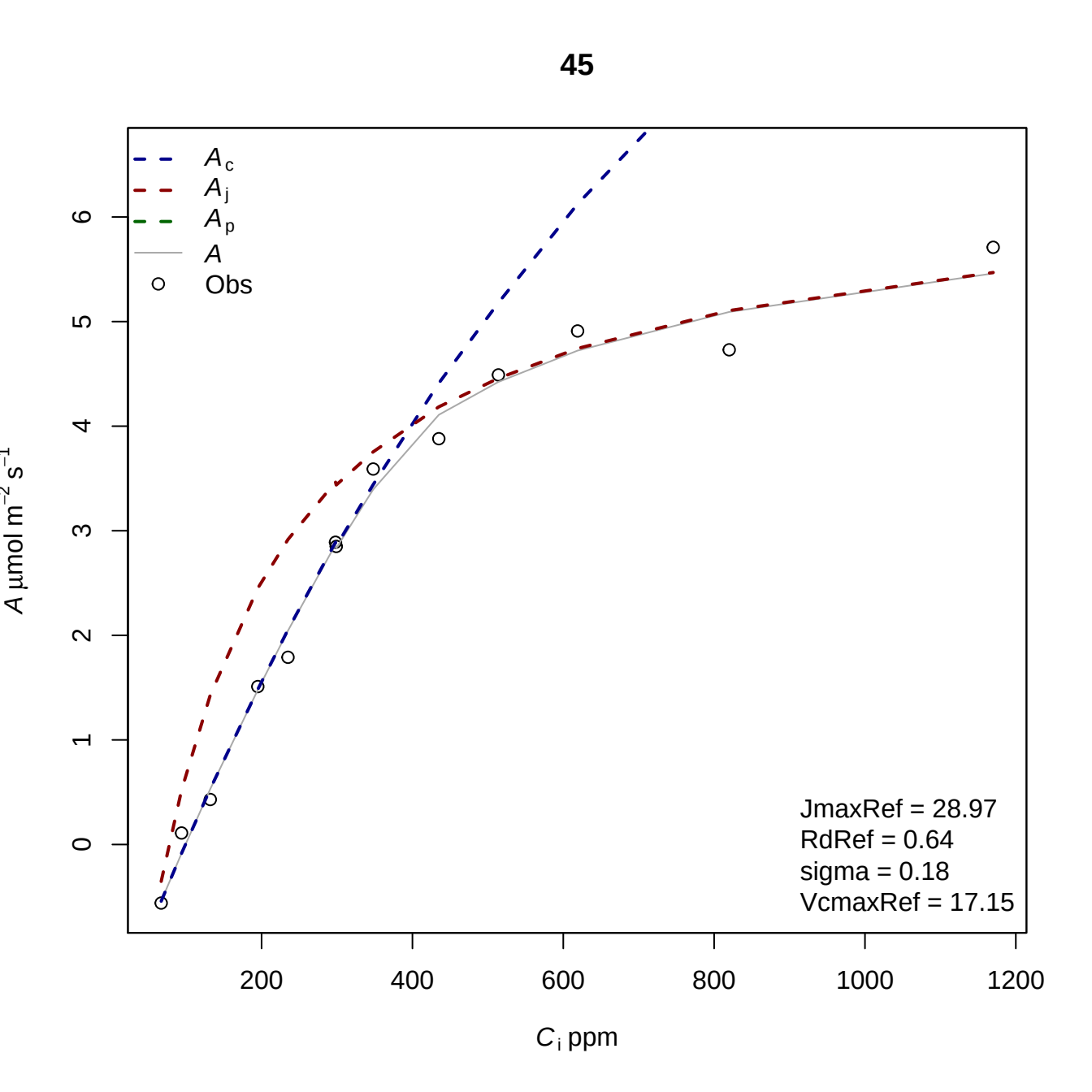

A_c
A_j
A_p
A
Obs
JmaxRef = 58.43
RdRef = 1.36
sigma = 0.3
VcmaxRef = 25.11
0
5
10
200
400
600
800
1000
1200
A µmol m^{-2} s^{-1}
C_i ppm

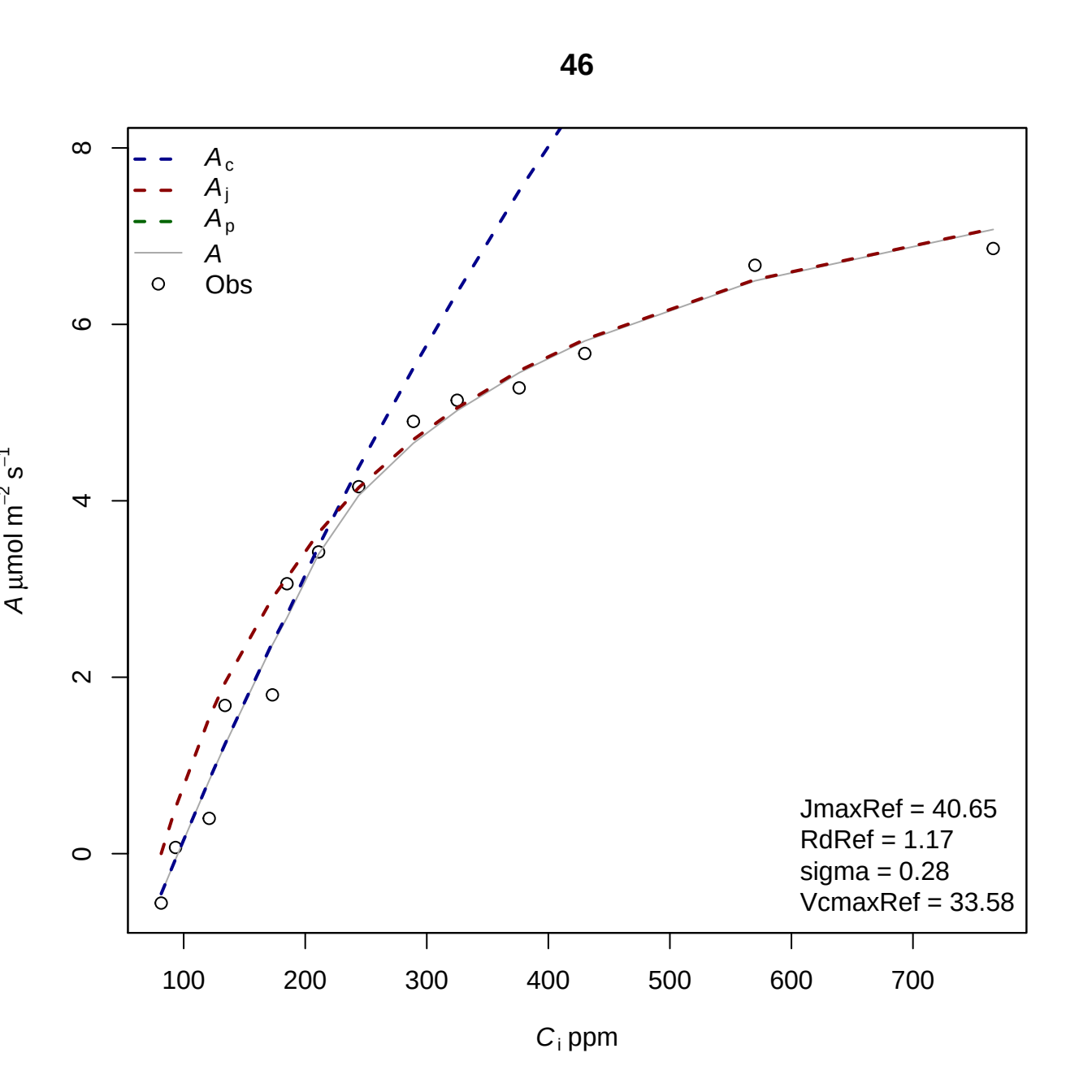

40
A_c
A_j
A_p
A
Obs
JmaxRef = 24.58
RdRef = 0.68
sigma = 0.18
VcmaxRef = 14.7
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
5
6
200
400
600
800
1000
1200

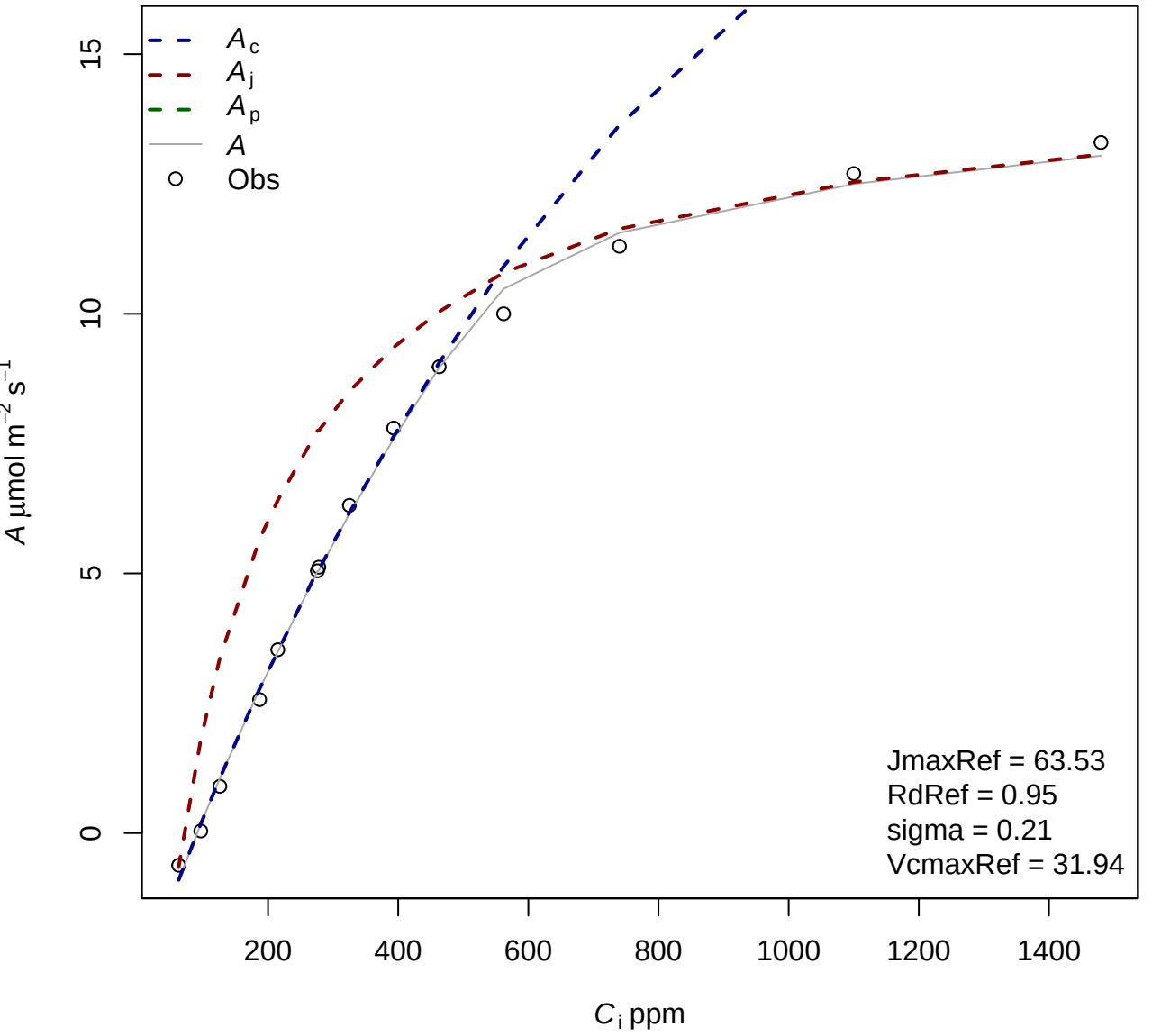

A_c
A_j
A_p
A
Obs
JmaxRef = 31.34
RdRef = 1.57
sigma = 0.23
VcmaxRef = 15.73
0
2
4
6
500
1000
1500
A µmol m^{-2} s^{-1}
C_i ppm

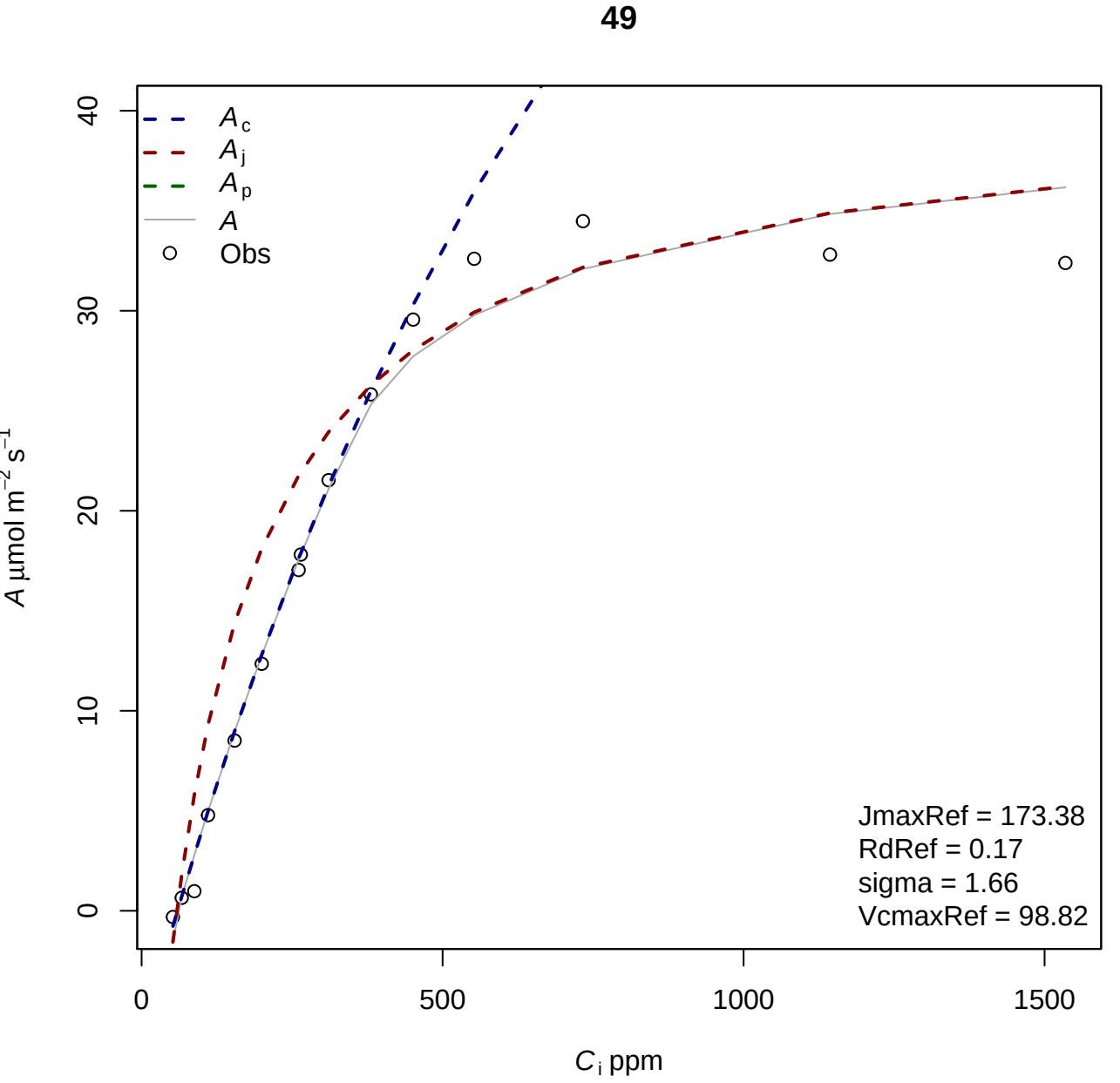

43
A_c
A_j
A_p
A
Obs
JmaxRef = 45.83
RdRef = 0.57
sigma = 0.23
VcmaxRef = 24.39
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
0
500
1000
1500

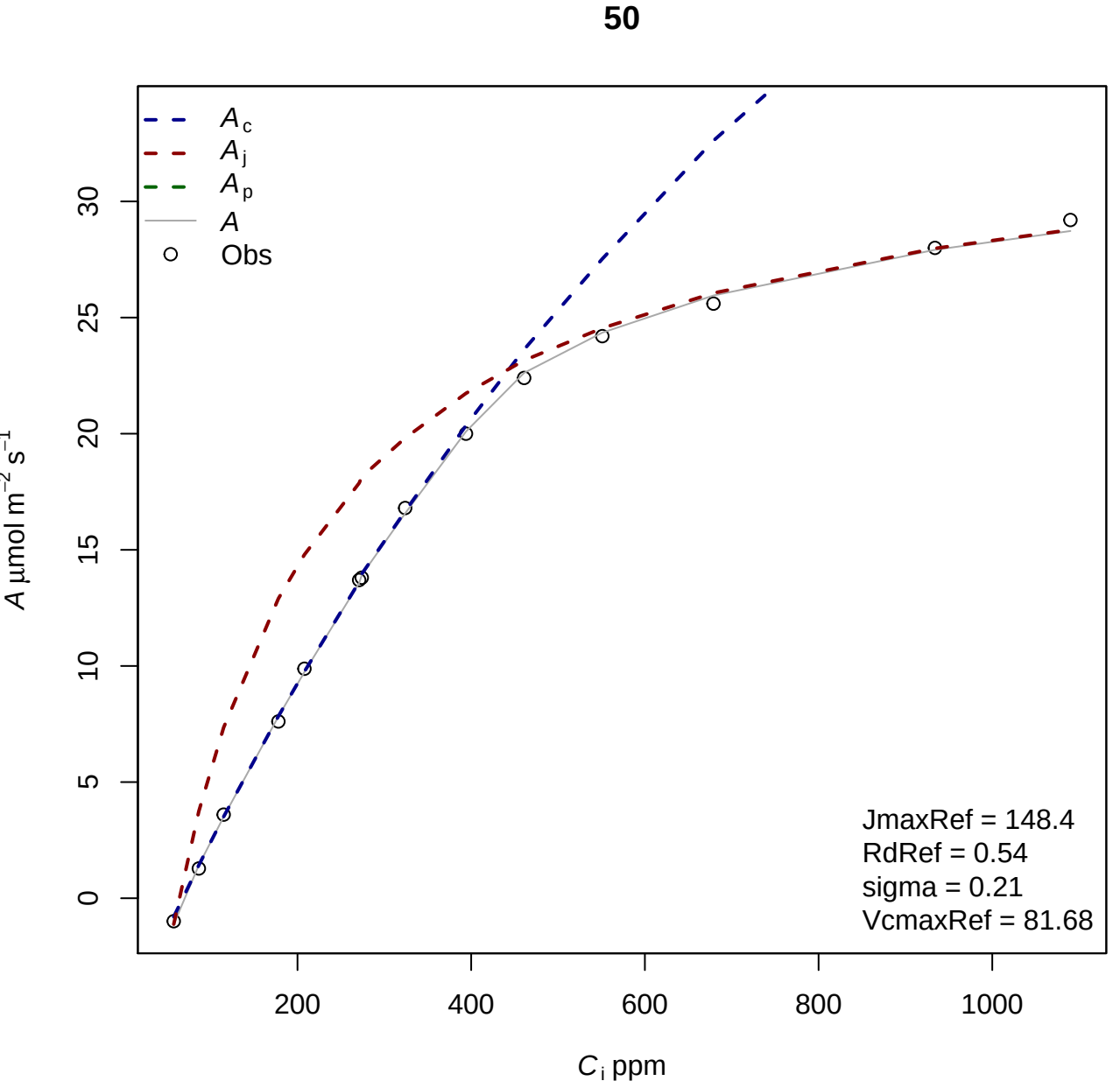

44
A_c
A_j
A_p
A
Obs
JmaxRef = 63.67
RdRef = 0.51
sigma = 0.64
VcmaxRef = 39.34
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
0
500
1000
1500

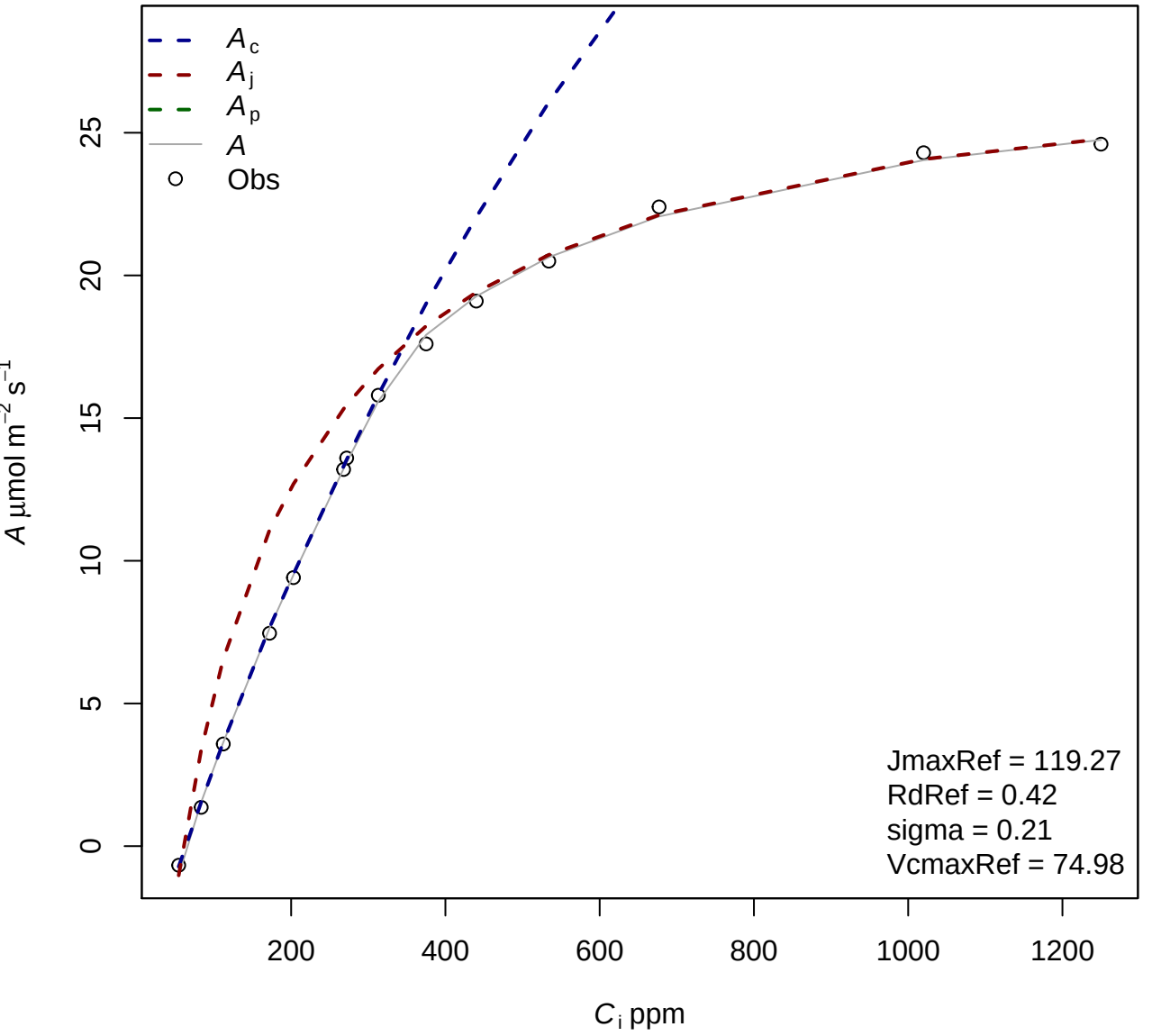

45
A_c
A_j
A_p
A
Obs
JmaxRef = 28.97
RdRef = 0.64
sigma = 0.18
VcmaxRef = 17.15
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
5
6
200
400
600
800
1000
1200

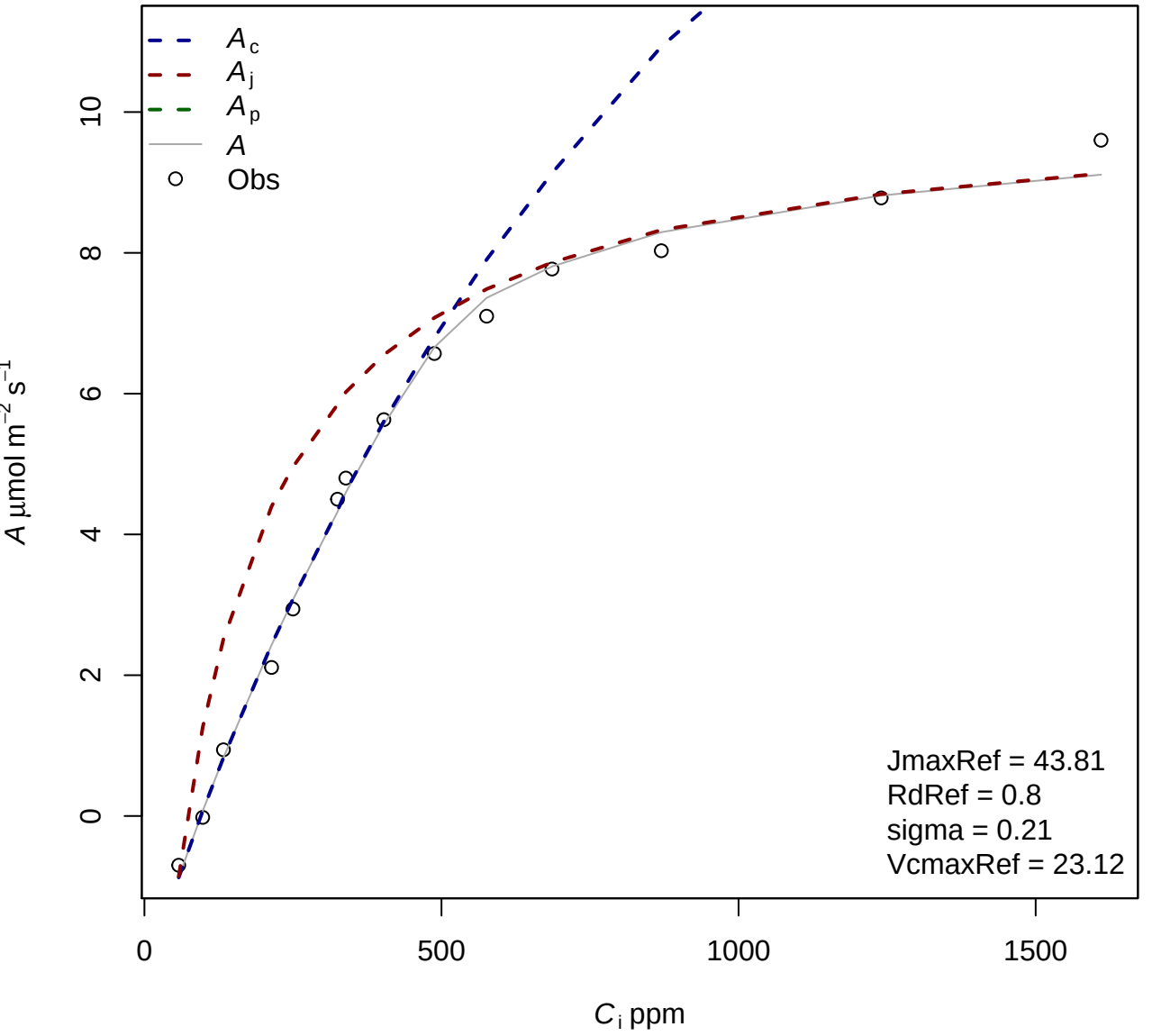

46
A_c
A_j
A_p
A
Obs
JmaxRef = 40.65
RdRef = 1.17
sigma = 0.28
VcmaxRef = 33.58
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
100
200
300
400
500
600
700

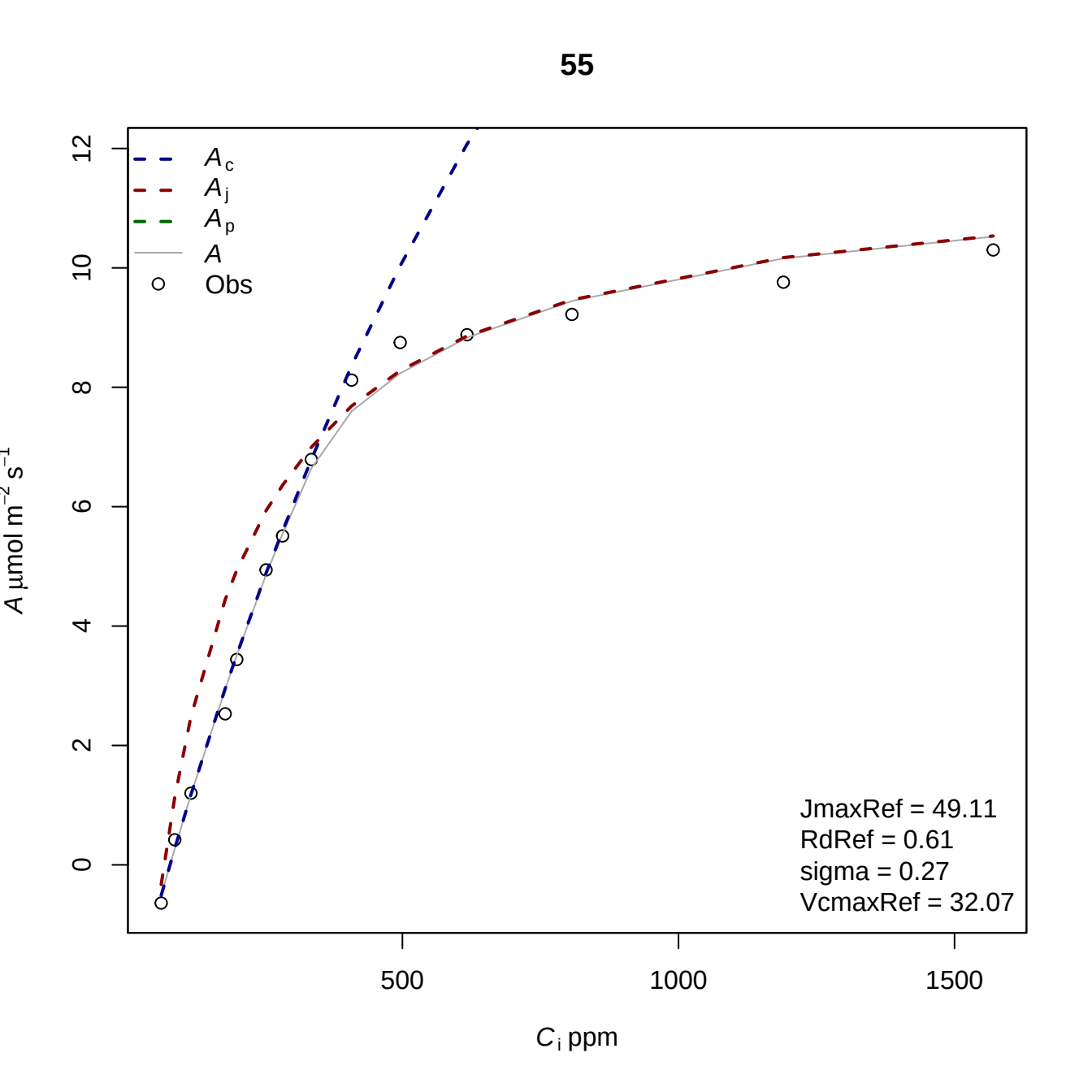

A_c
A_j
A_p
A
Obs
JmaxRef = 63.53
RdRef = 0.95
sigma = 0.21
VcmaxRef = 31.94
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200
1400

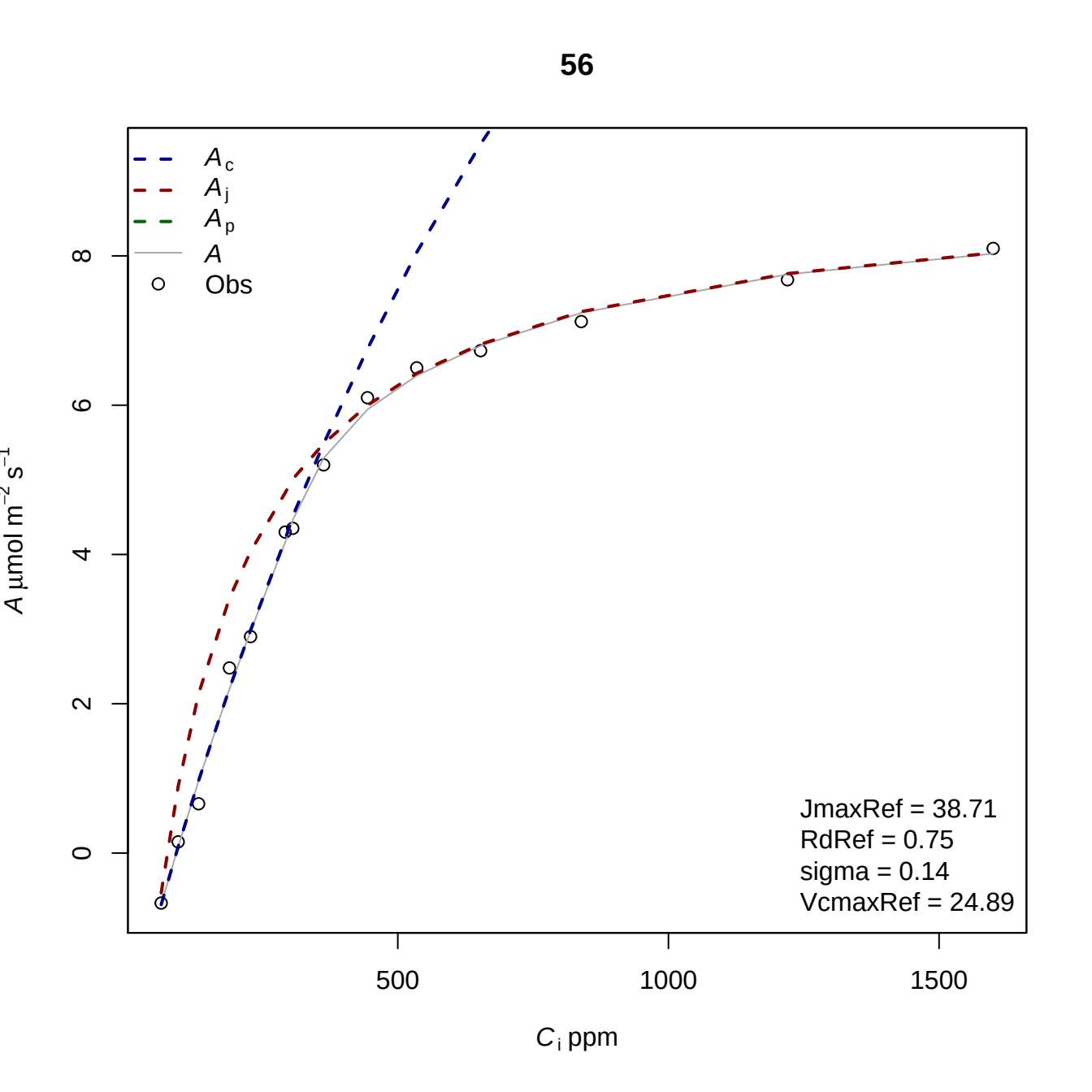

49
A_c
A_j
A_p
A
Obs
JmaxRef = 173.38
RdRef = 0.17
sigma = 1.66
VcmaxRef = 98.82
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
500
1000
1500


50
A_c
A_j
A_p
A
Obs
JmaxRef = 148.4
RdRef = 0.54
sigma = 0.21
VcmaxRef = 81.68
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000

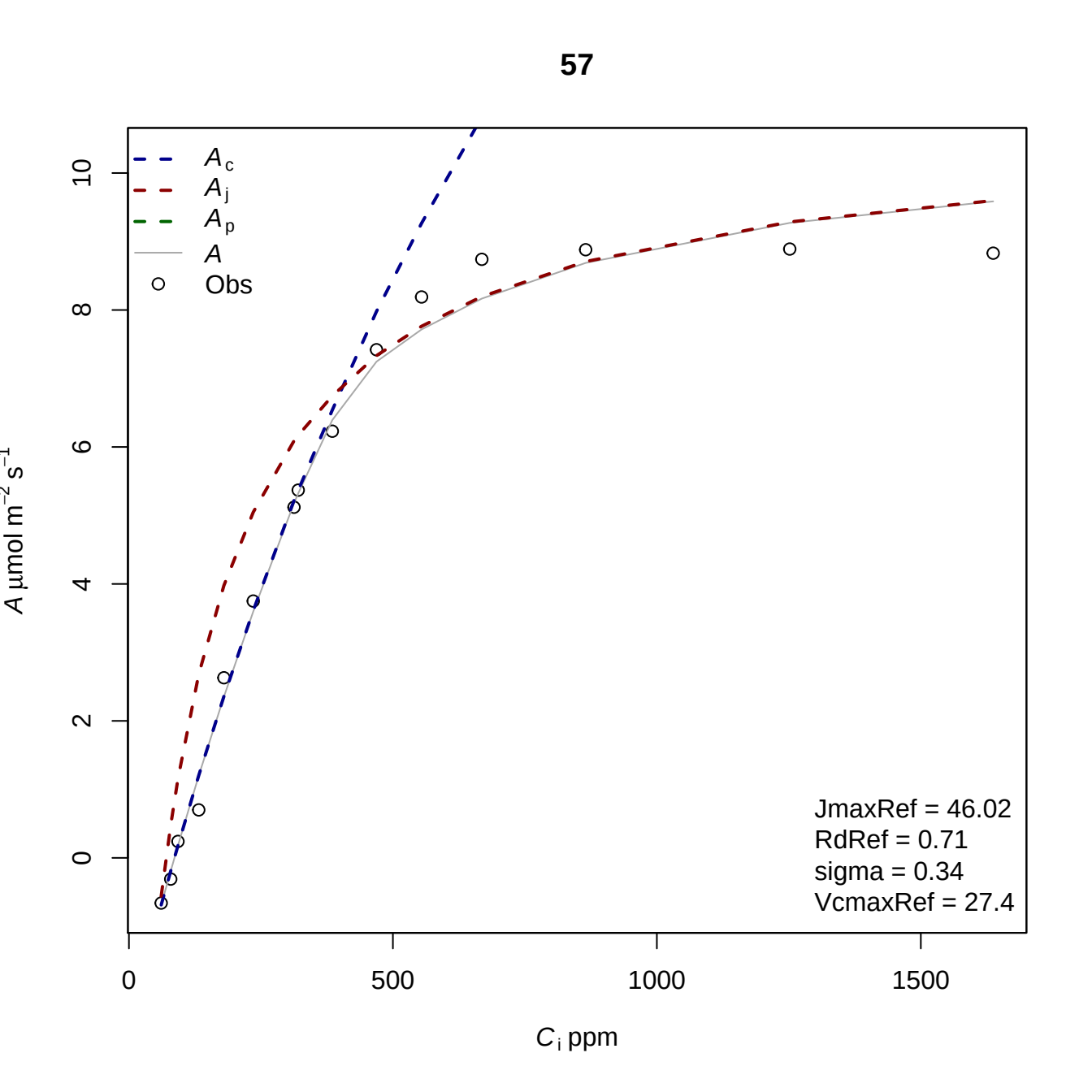

A_c
A_j
A_p
A
Obs
JmaxRef = 119.27
RdRef = 0.42
sigma = 0.21
VcmaxRef = 74.98
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000
1200

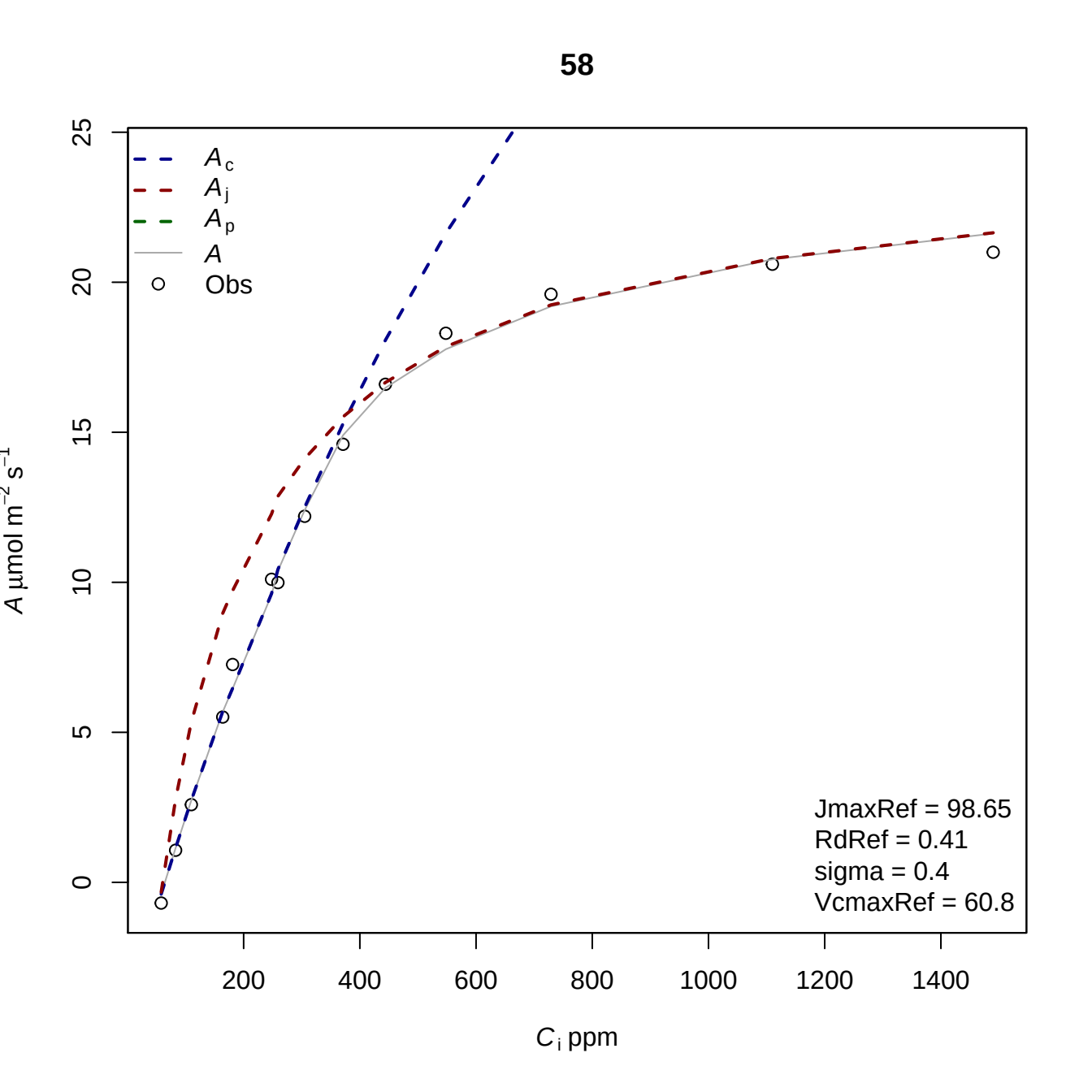

A_c
A_j
A_p
A
Obs
JmaxRef = 43.81
RdRef = 0.8
sigma = 0.21
VcmaxRef = 23.12
0
2
4
6
8
10
0
500
1000
1500
A µmol m^{-2} s^{-1}
C_i ppm

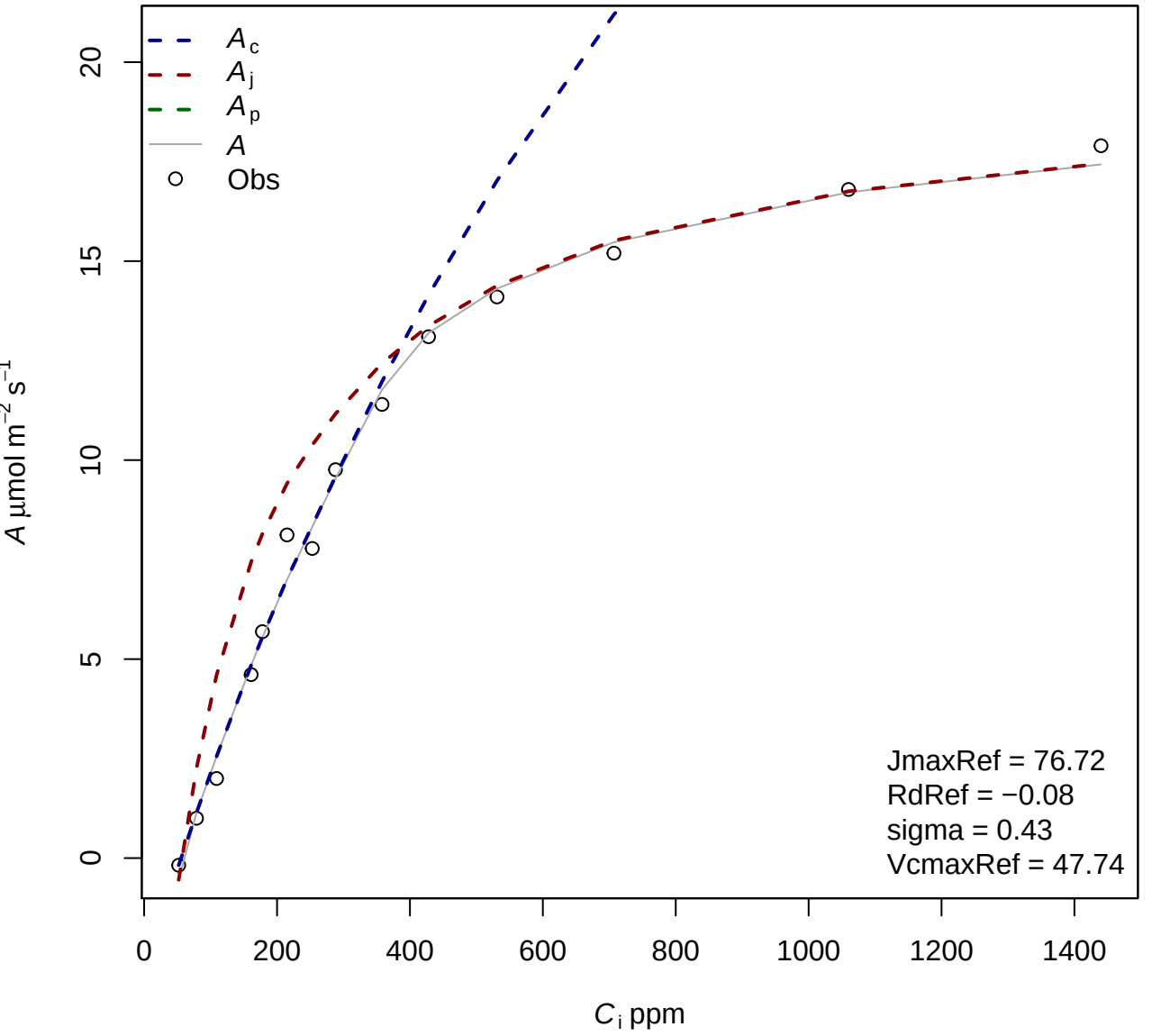

55
A_c
A_j
A_p
A
Obs
JmaxRef = 49.11
RdRef = 0.61
sigma = 0.27
VcmaxRef = 32.07
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
500
1000
1500

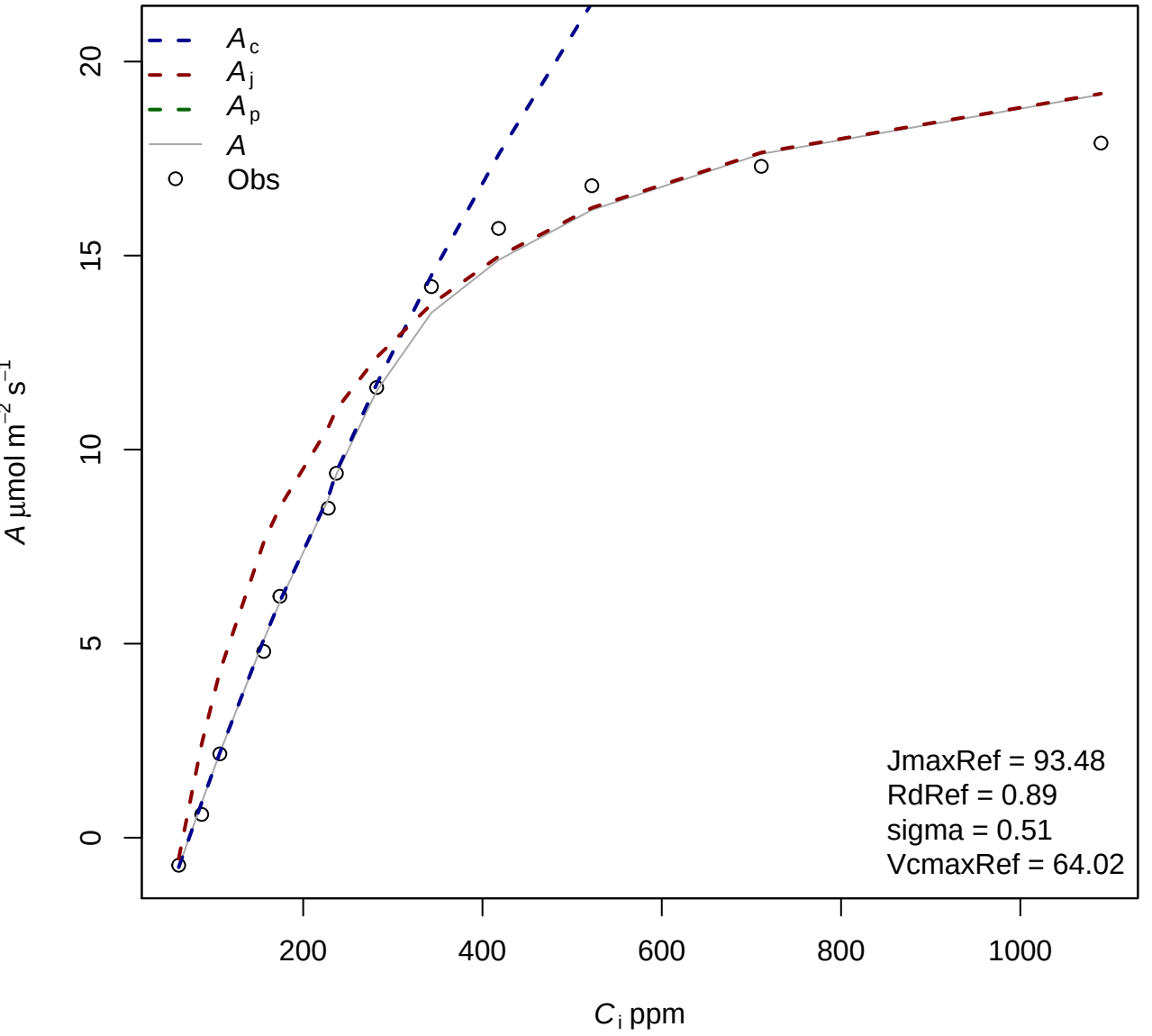


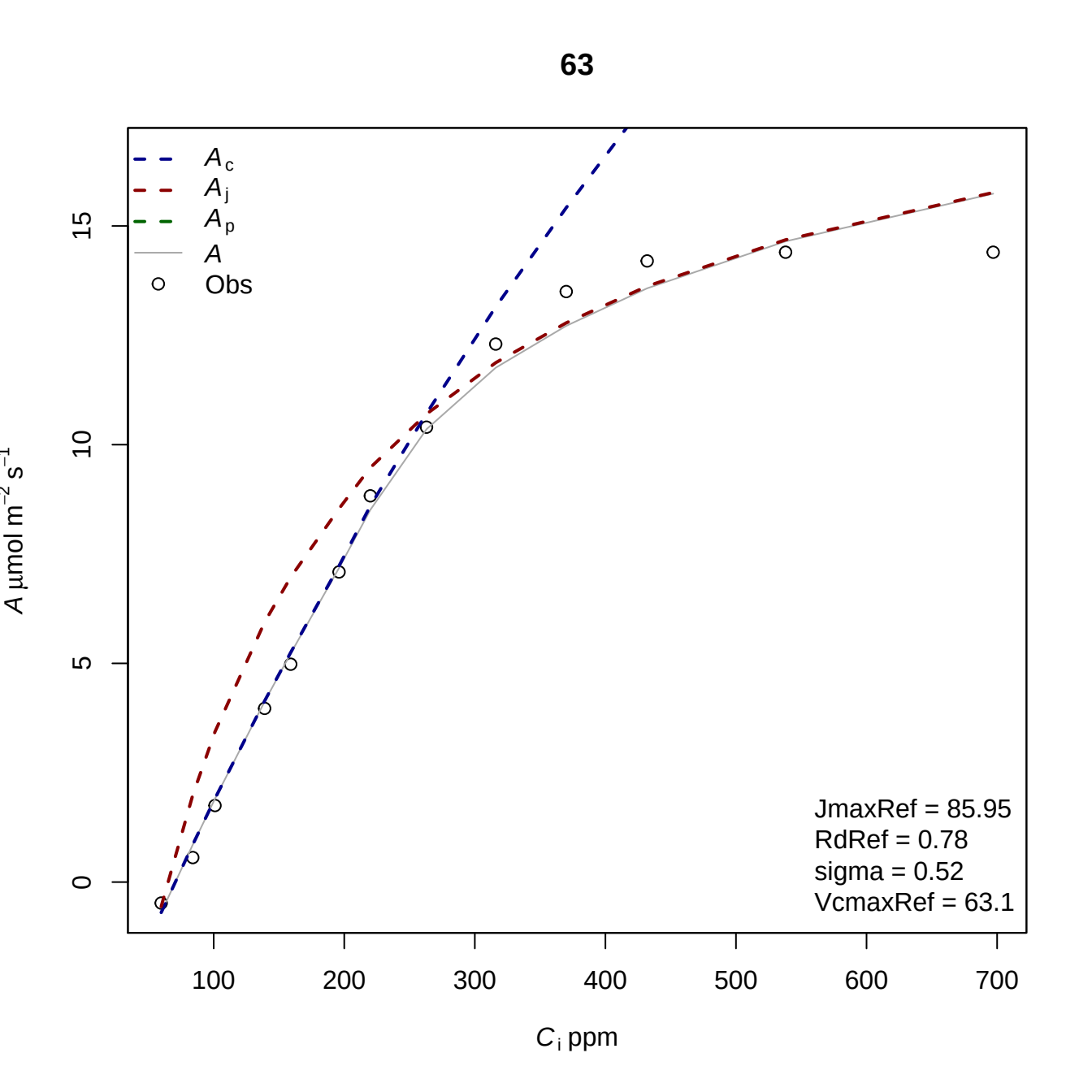
56
A_c
A_j
A_p
A
Obs
JmaxRef = 38.71
RdRef = 0.75
sigma = 0.14
VcmaxRef = 24.89
A µmol m^{-2} s^{-1}
0
2
4
6
8
500
1000
1500
C_i ppm

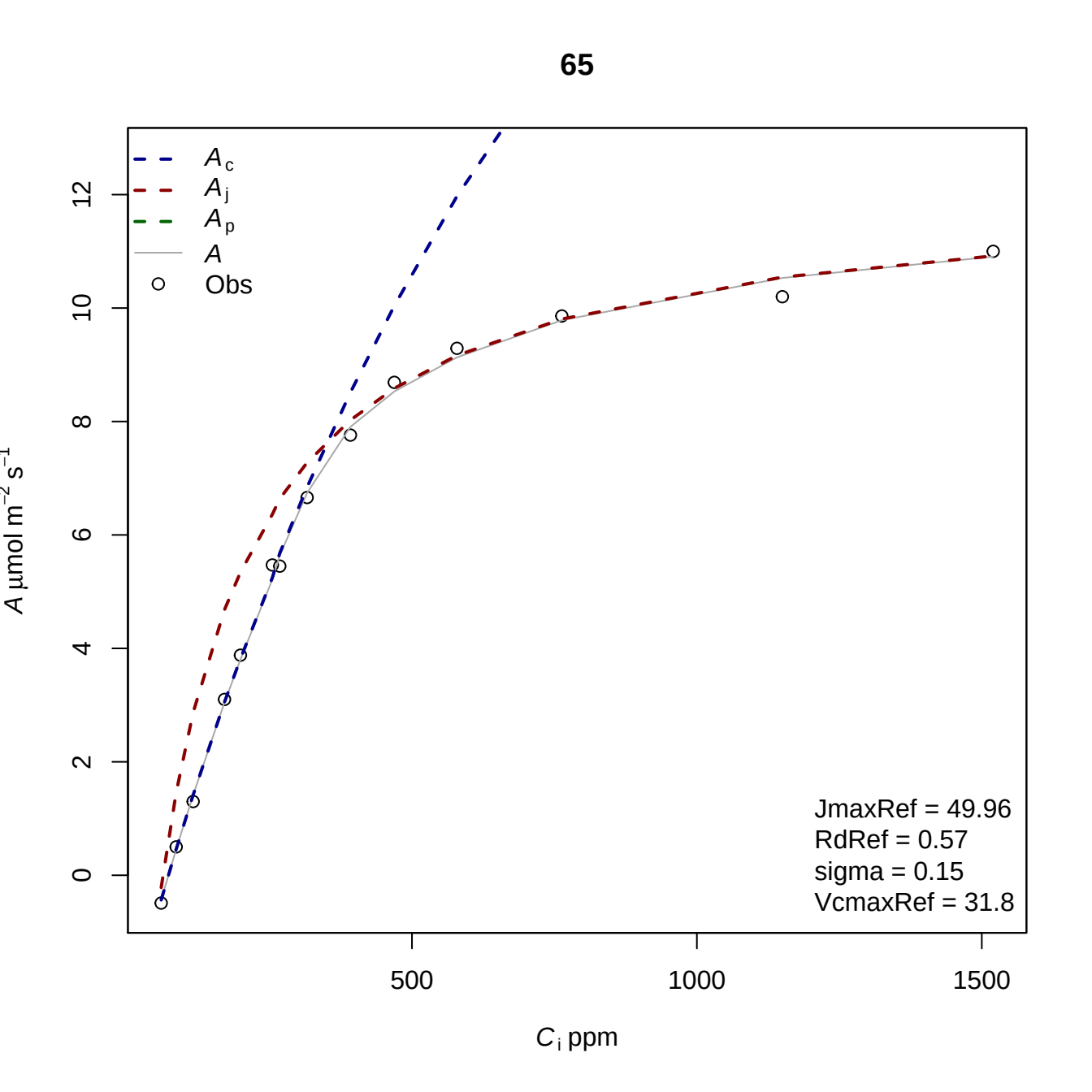

57
A_c
A_j
A_p
A
Obs
JmaxRef = 46.02
RdRef = 0.71
sigma = 0.34
VcmaxRef = 27.4
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
0
500
1000
1500

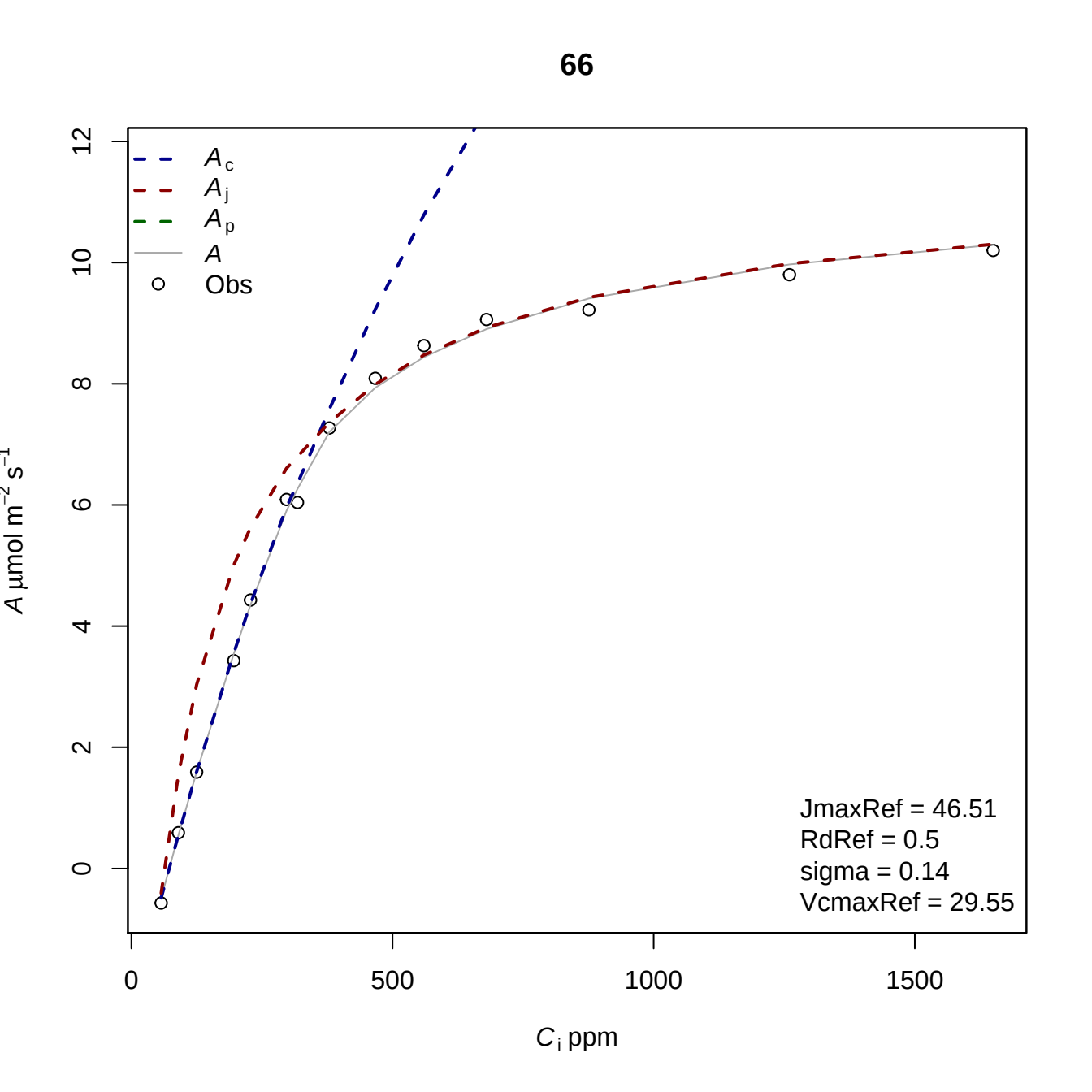

58
A_c
A_j
A_p
A
Obs
JmaxRef = 98.65
RdRef = 0.41
sigma = 0.4
VcmaxRef = 60.8
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800
1000
1200
1400

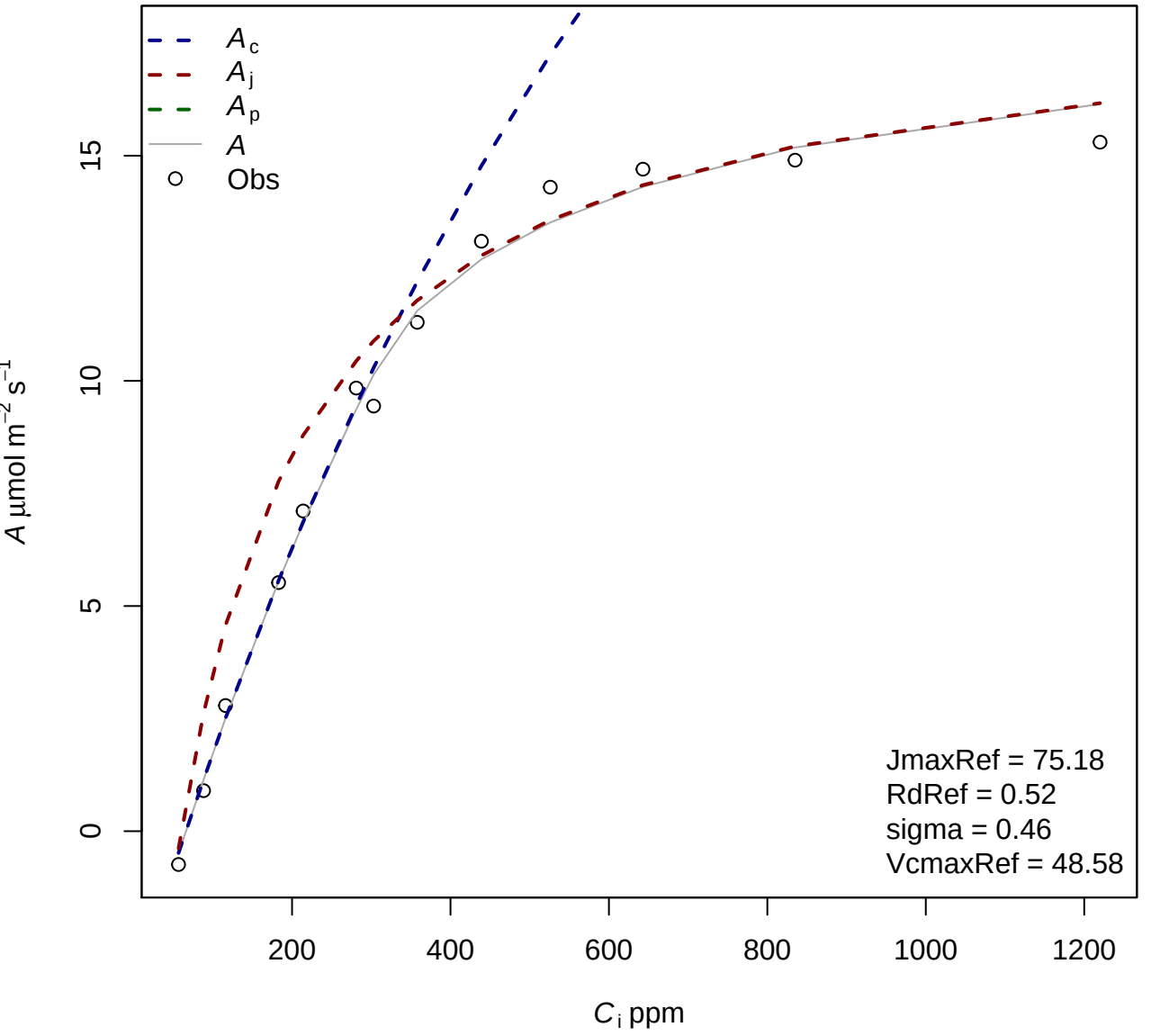

A_c
A_j
A_p
A
Obs
JmaxRef = 76.72
RdRef = −0.08
sigma = 0.43
VcmaxRef = 47.74
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
200
400
600
800
1000
1200
1400

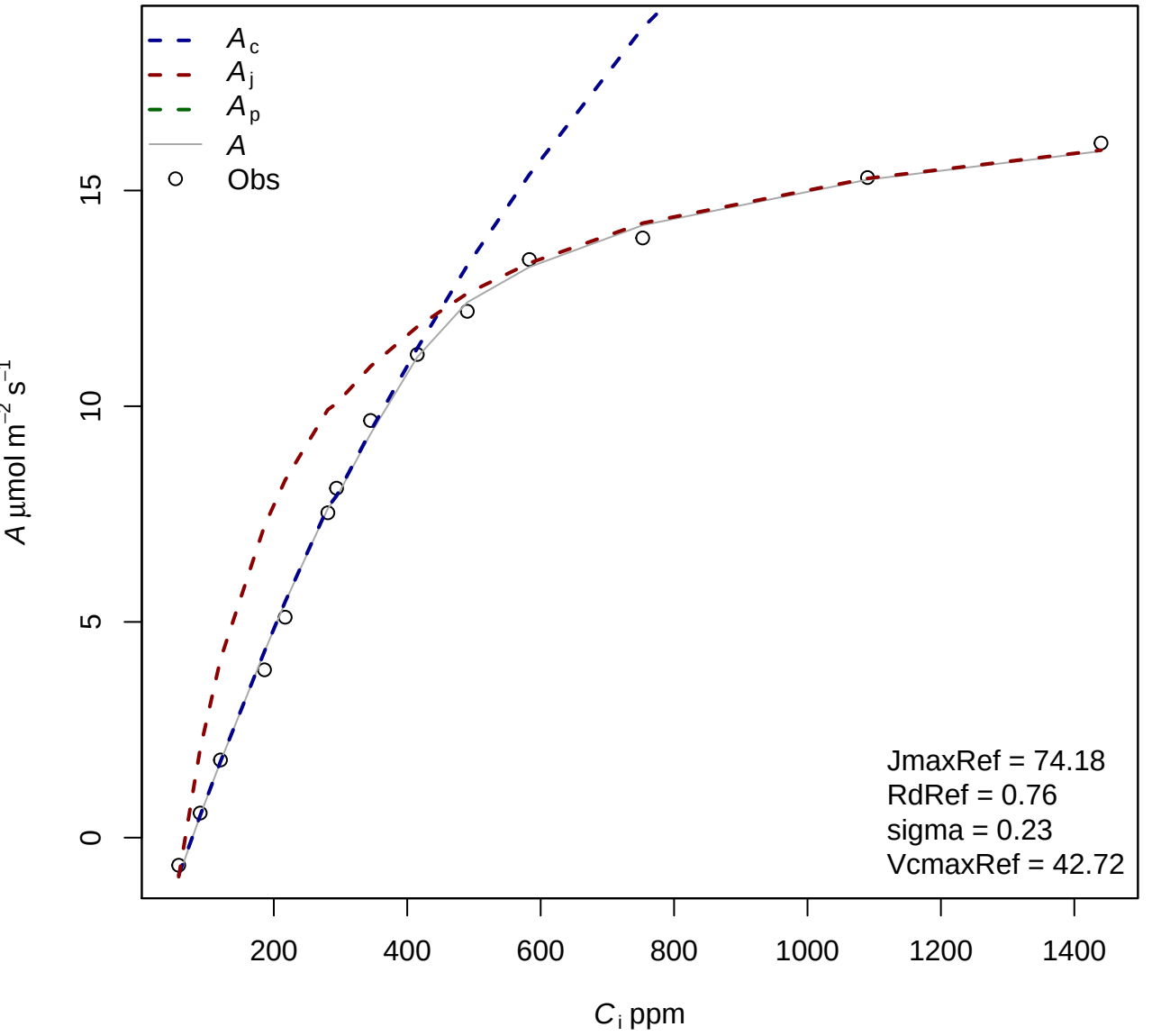

A_c
A_j
A_p
A
Obs
A µmol m^{-2} s^{-1}
0
5
10
15
20
200
400
600
800
1000
C_i ppm
JmaxRef = 93.48
RdRef = 0.89
sigma = 0.51
VcmaxRef = 64.02

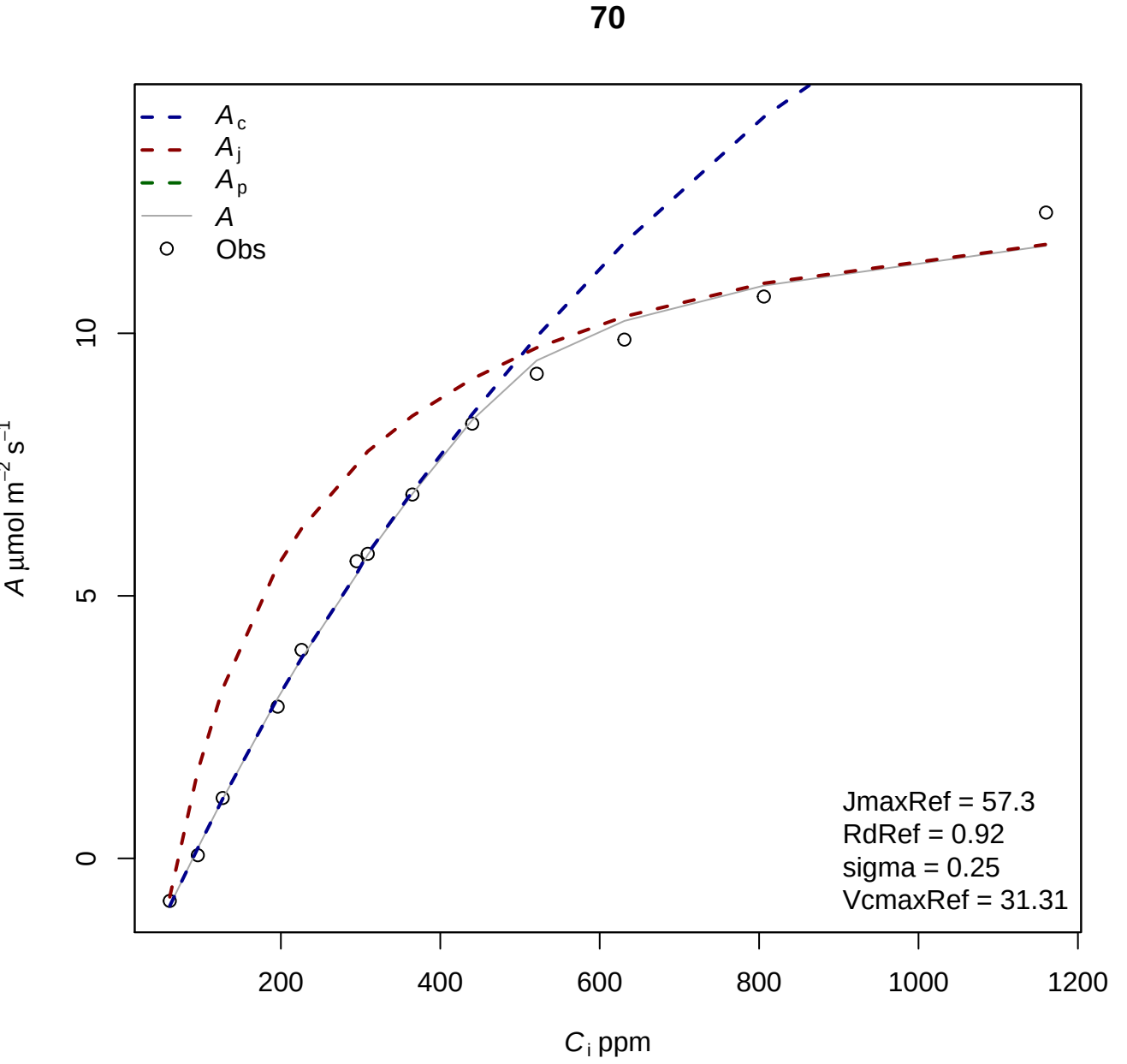

63
A_c
A_j
A_p
A
Obs
JmaxRef = 85.95
RdRef = 0.78
sigma = 0.52
VcmaxRef = 63.1
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
100
200
300
400
500
600
700

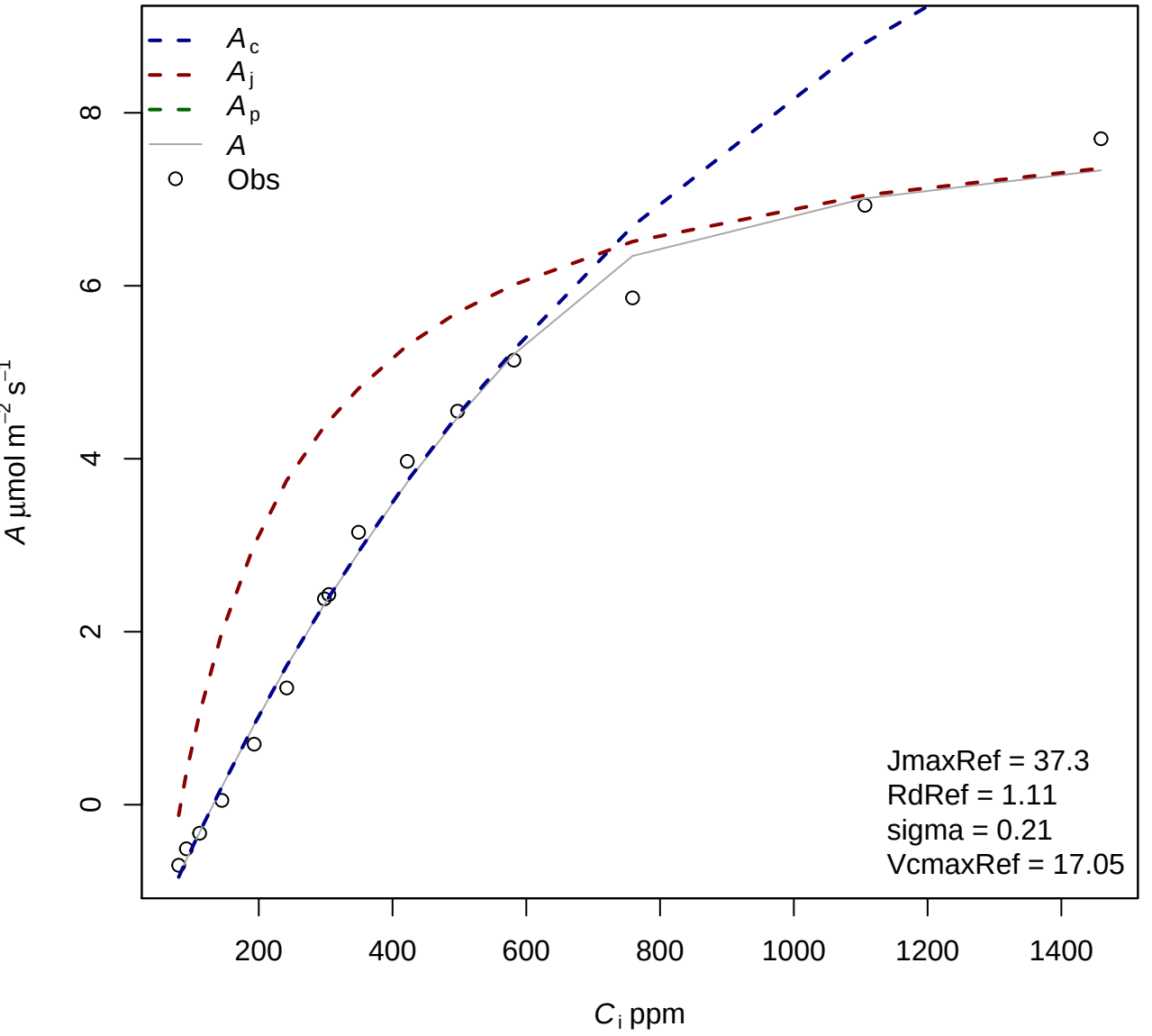

65
A_c
A_j
A_p
A
Obs
JmaxRef = 49.96
RdRef = 0.57
sigma = 0.15
VcmaxRef = 31.8
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
500
1000
1500

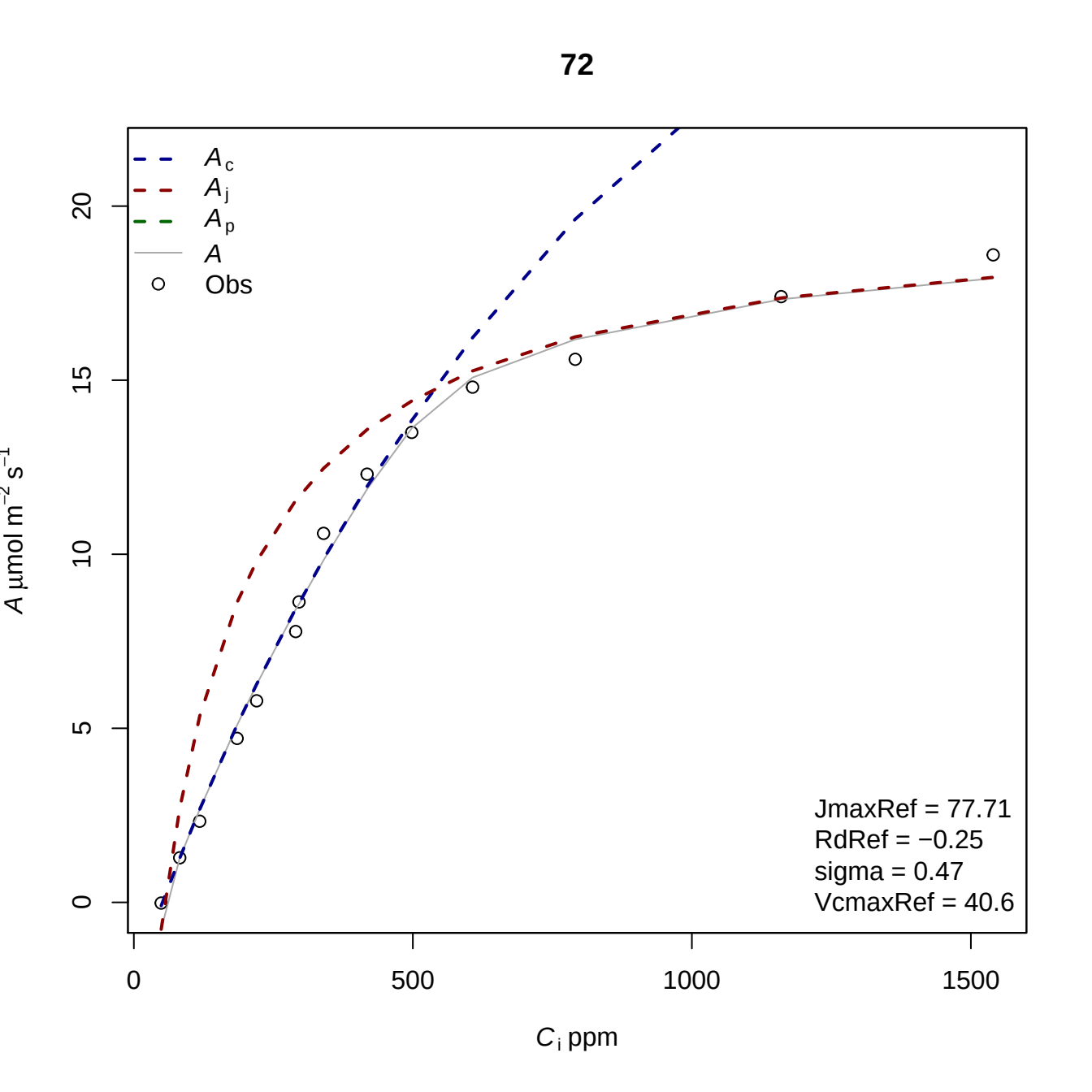

66
A_c
A_j
A_p
A
Obs
JmaxRef = 46.51
RdRef = 0.5
sigma = 0.14
VcmaxRef = 29.55
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
0
500
1000
1500

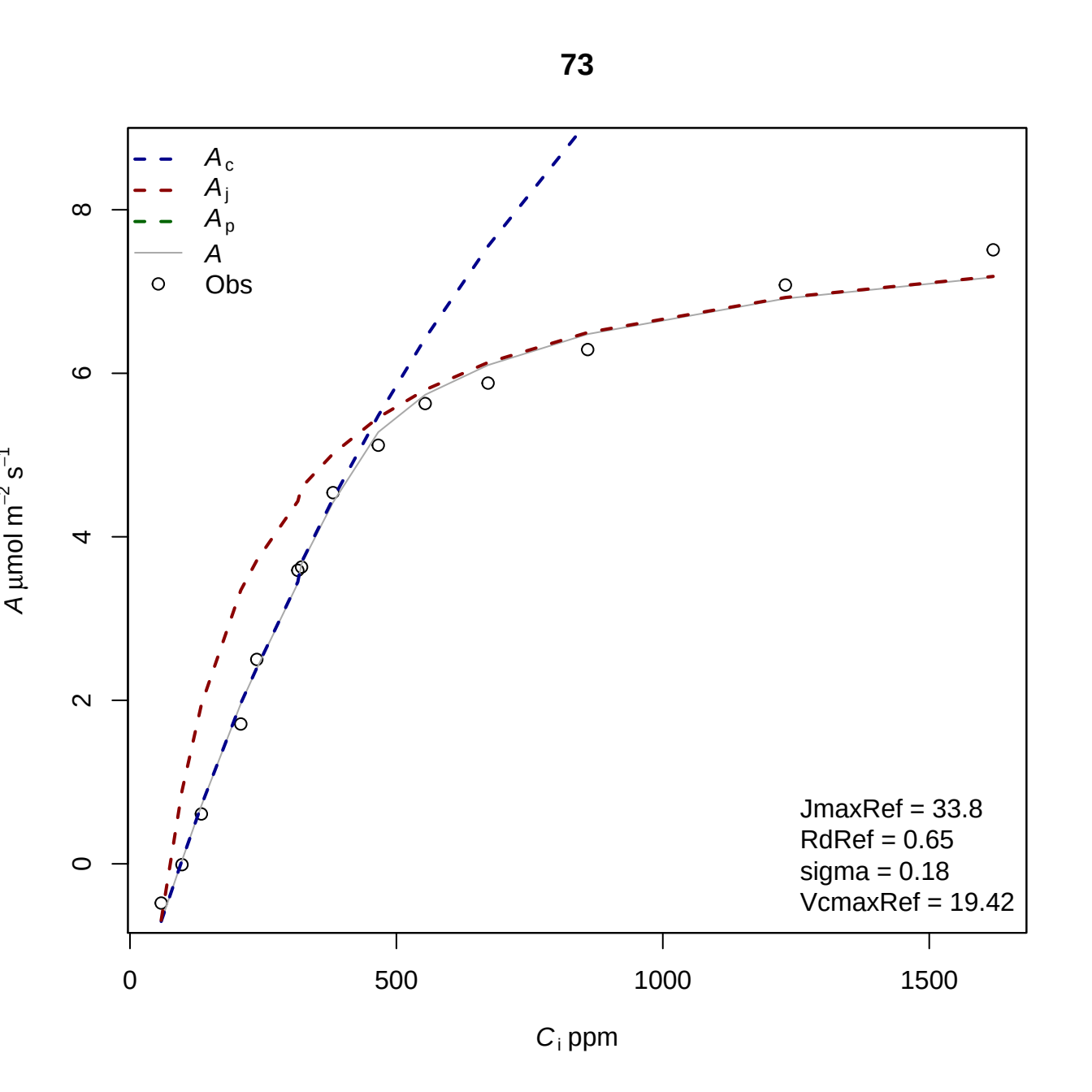

A_c
A_j
A_p
A
Obs
JmaxRef = 75.18
RdRef = 0.52
sigma = 0.46
VcmaxRef = 48.58
0
5
10
15
200
400
600
800
1000
1200
A µmol m^{-2} s^{-1}
C_i ppm

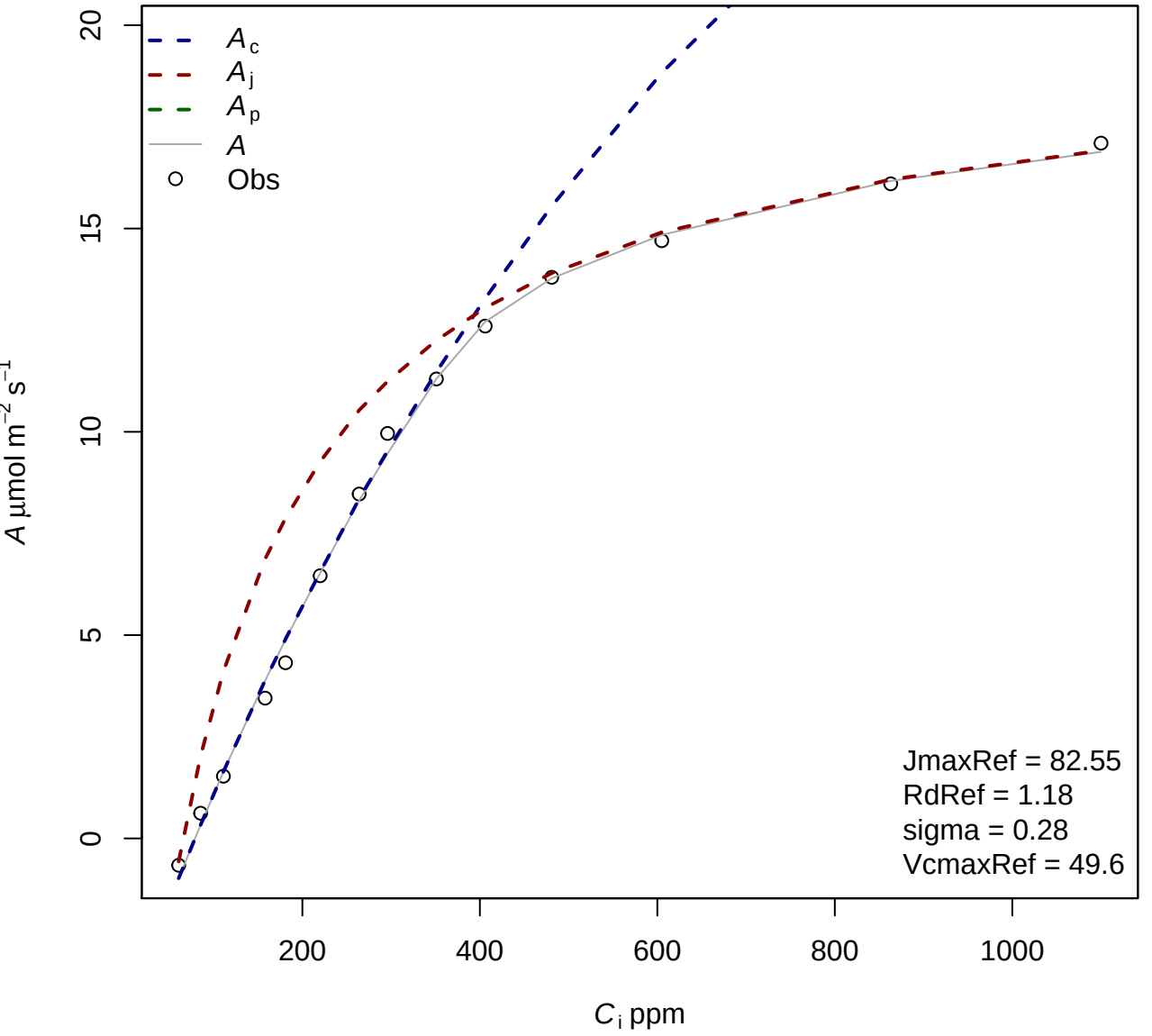

A_c
A_j
A_p
A
Obs
JmaxRef = 74.18
RdRef = 0.76
sigma = 0.23
VcmaxRef = 42.72
0
5
10
15
200
400
600
800
1000
1200
1400
A µmol m^{-2} s^{-1}
C_i ppm

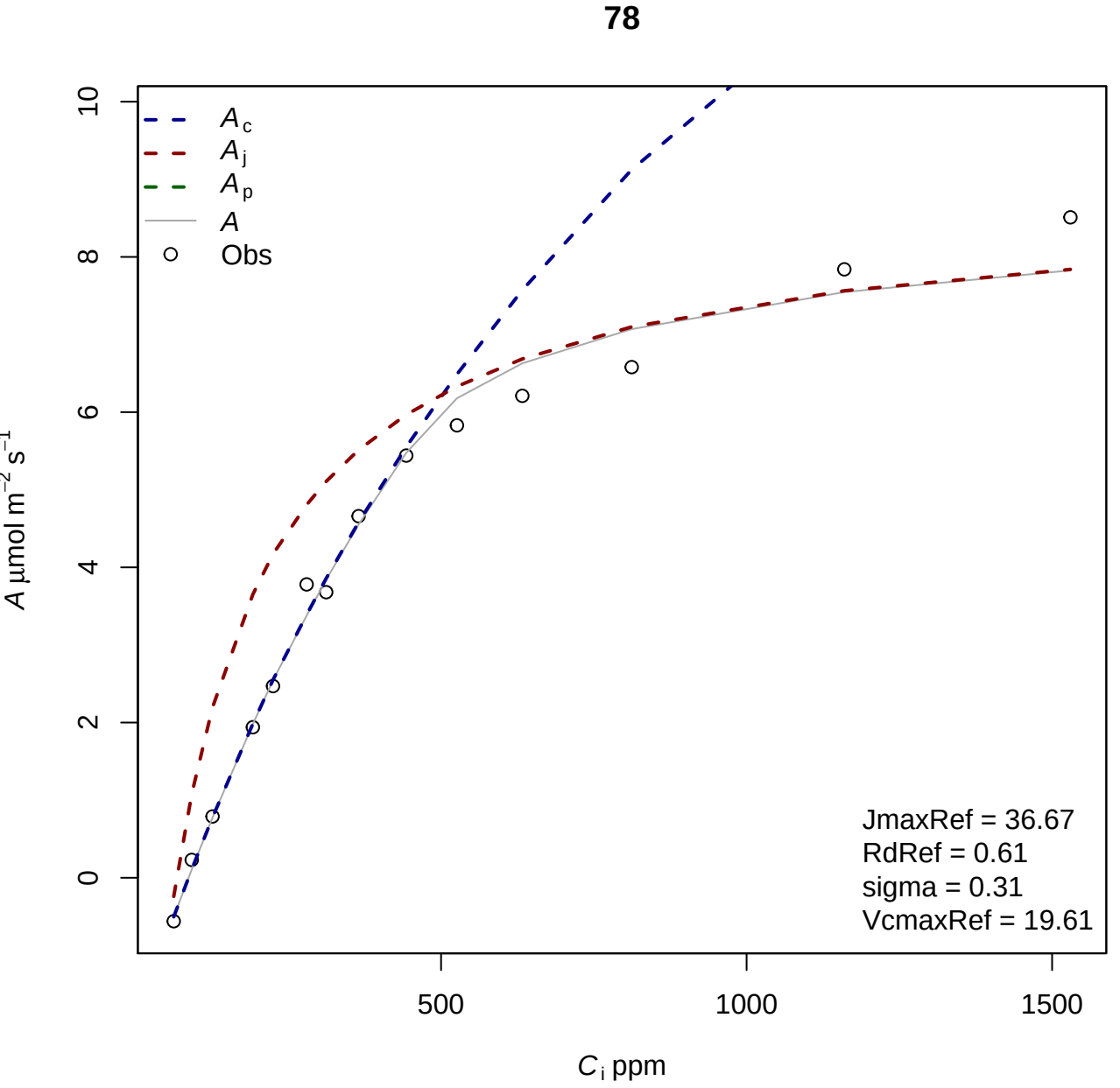

70
A_c
A_j
A_p
A
Obs
JmaxRef = 57.3
RdRef = 0.92
sigma = 0.25
VcmaxRef = 31.31
A µmol m^{-2} s^{-1}
0
5
10
200
400
600
800
1000
1200
C_i ppm

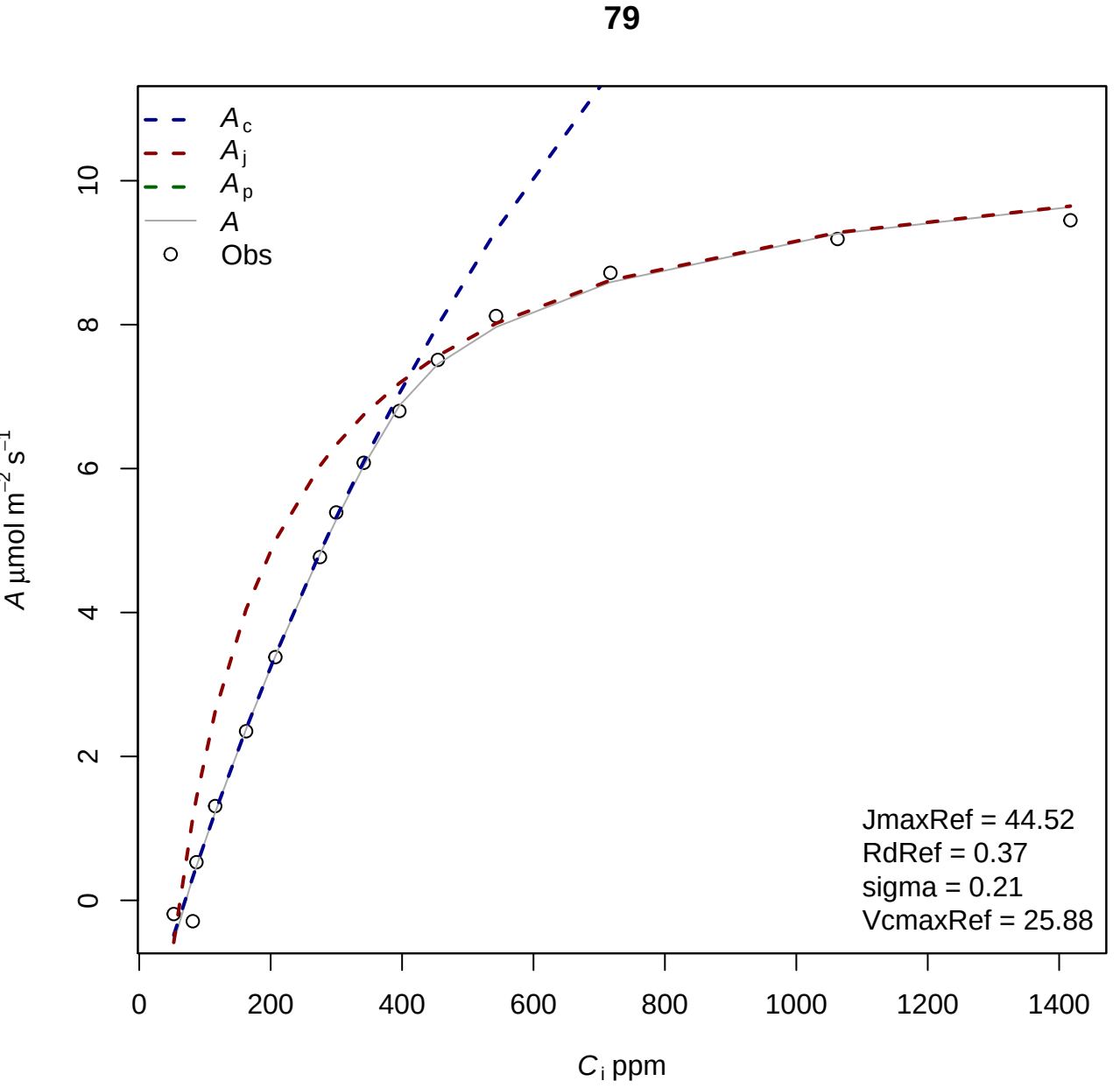

A_c
A_j
A_p
A
Obs
JmaxRef = 37.3
RdRef = 1.11
sigma = 0.21
VcmaxRef = 17.05
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
200
400
600
800
1000
1200
1400

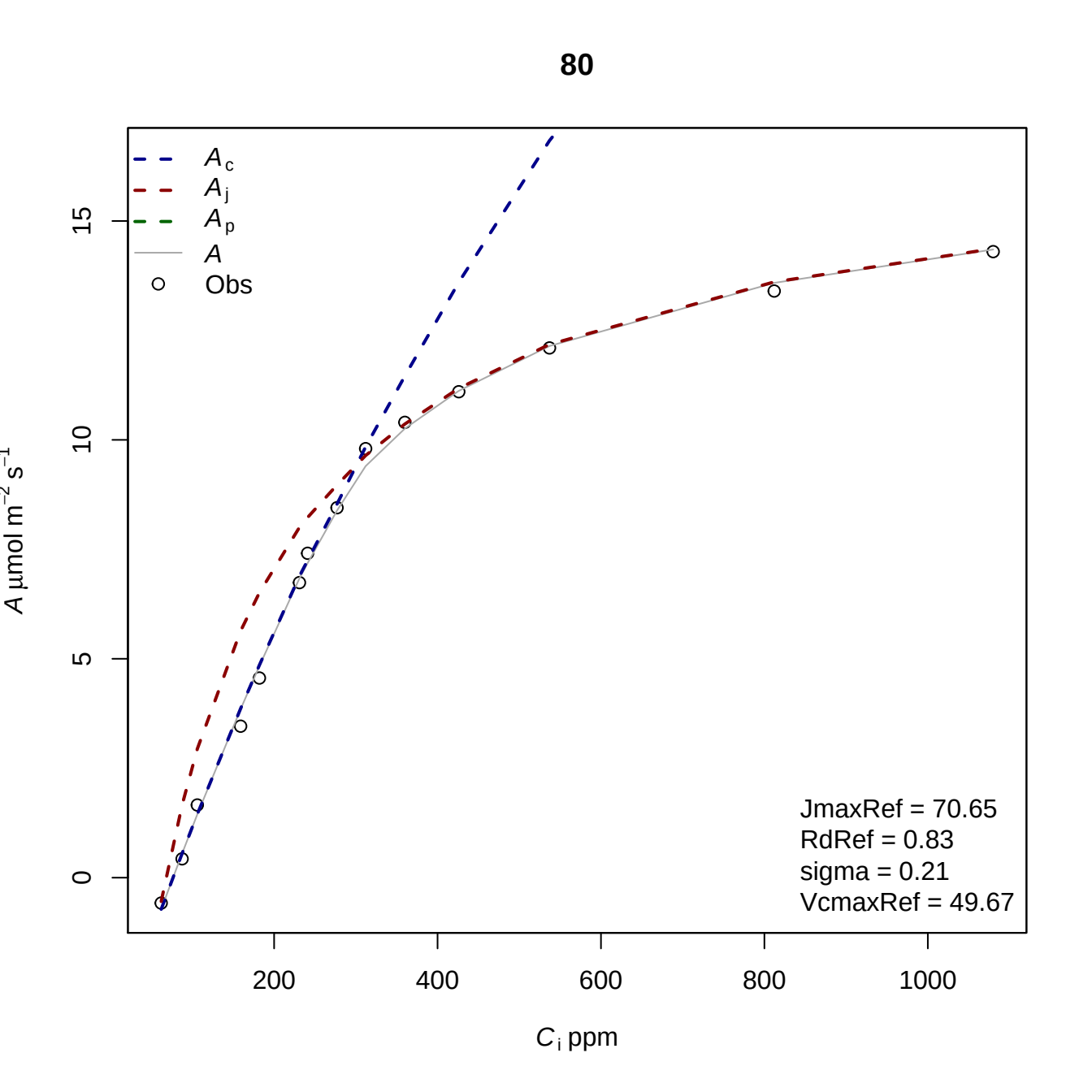

72
A_c
A_j
A_p
A
Obs
JmaxRef = 77.71
RdRef = −0.25
sigma = 0.47
VcmaxRef = 40.6
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

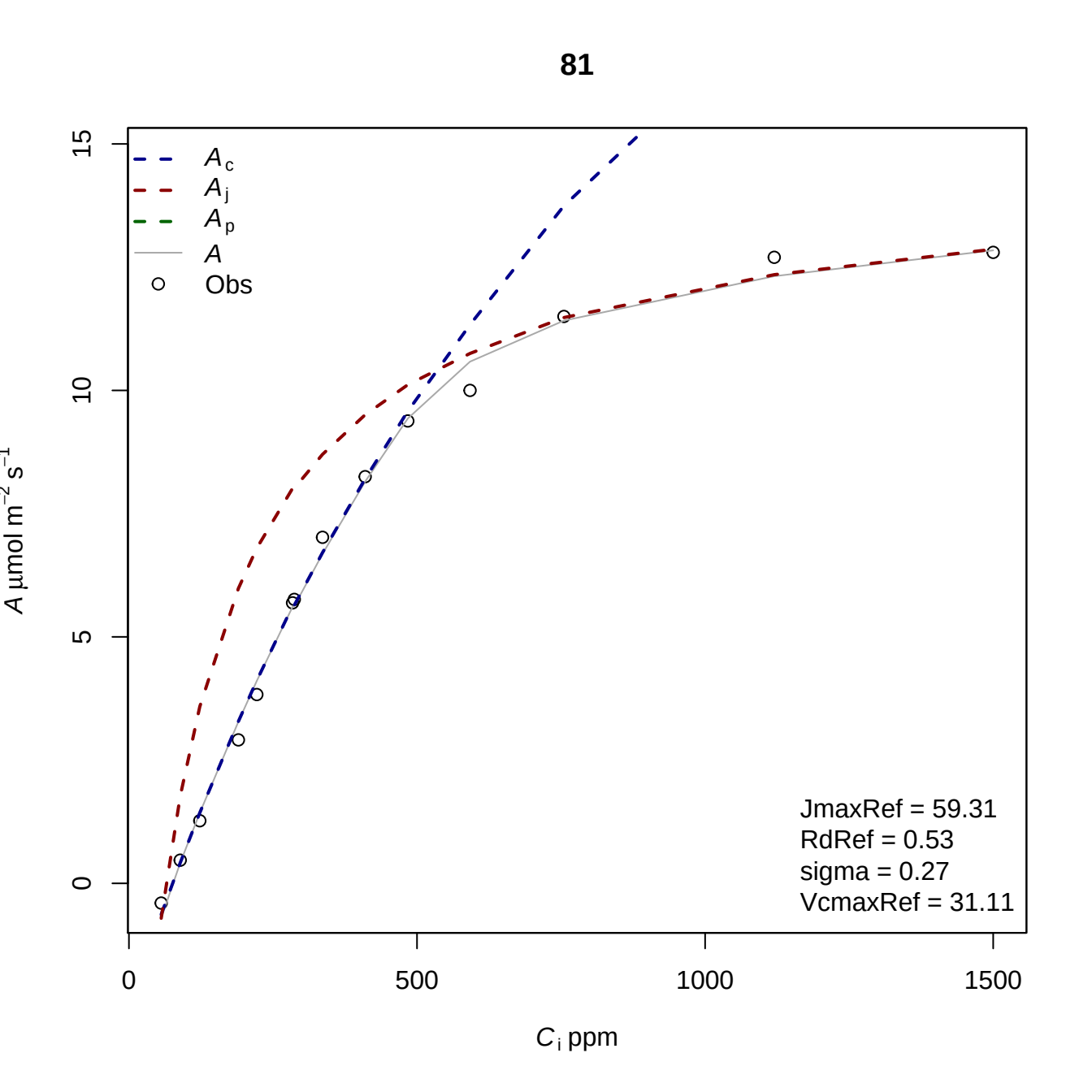

73
A_c
A_j
A_p
A
Obs
JmaxRef = 33.8
RdRef = 0.65
sigma = 0.18
VcmaxRef = 19.42
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
0
500
1000
1500

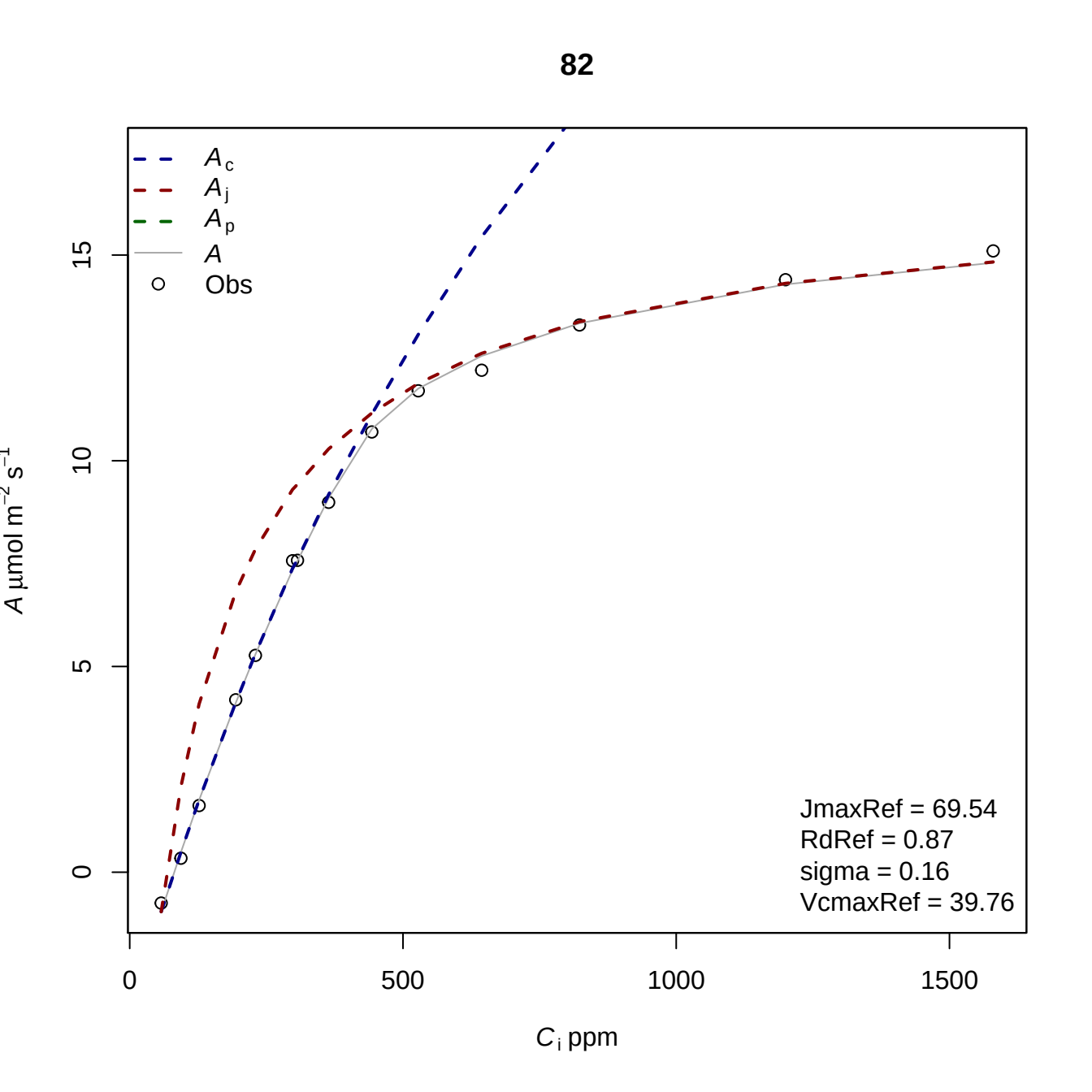

A_c
A_j
A_p
A
Obs
JmaxRef = 82.55
RdRef = 1.18
sigma = 0.28
VcmaxRef = 49.6
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000

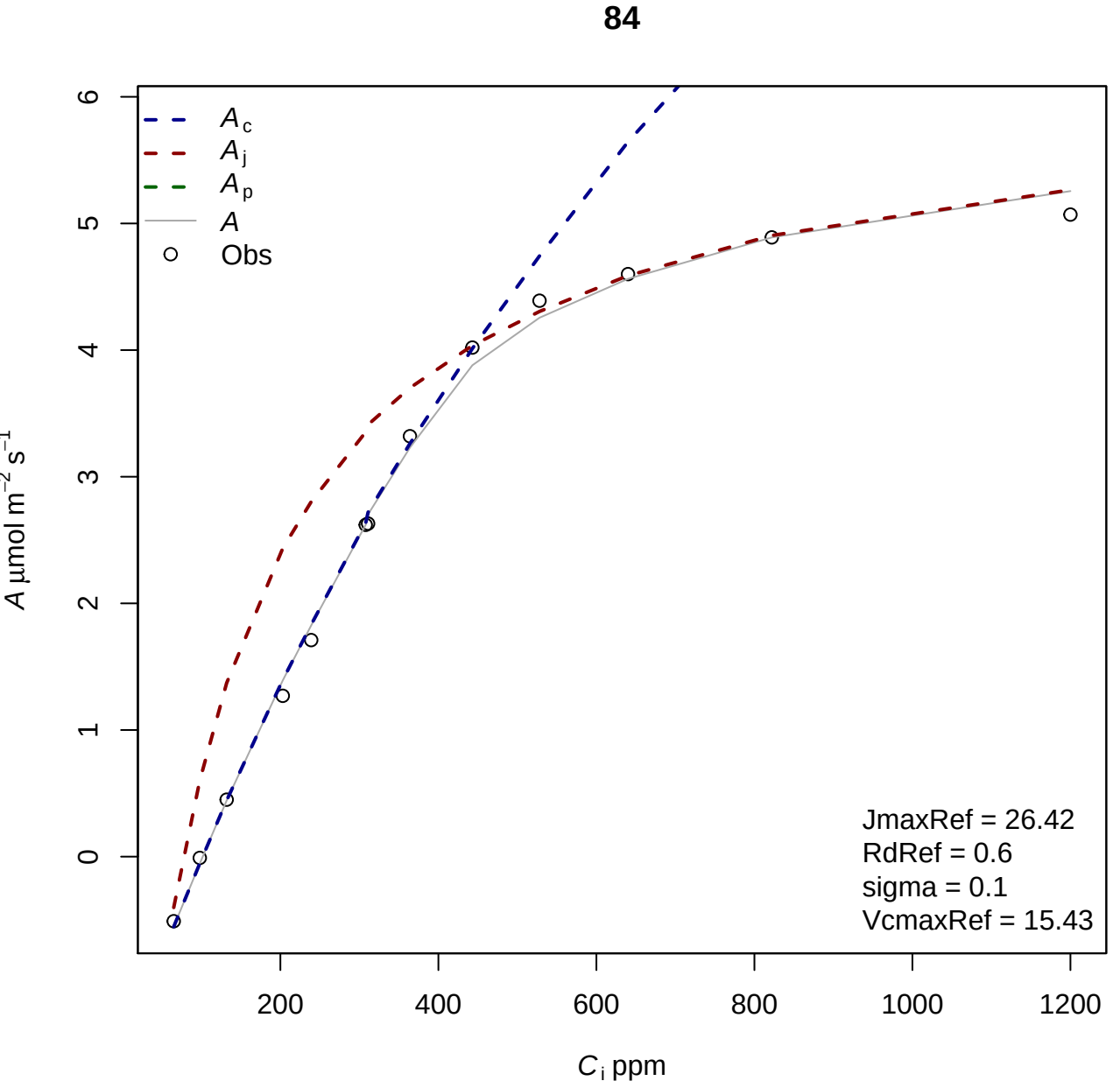

78
A_c
A_j
A_p
A
Obs
JmaxRef = 36.67
RdRef = 0.61
sigma = 0.31
VcmaxRef = 19.61
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
500
1000
1500

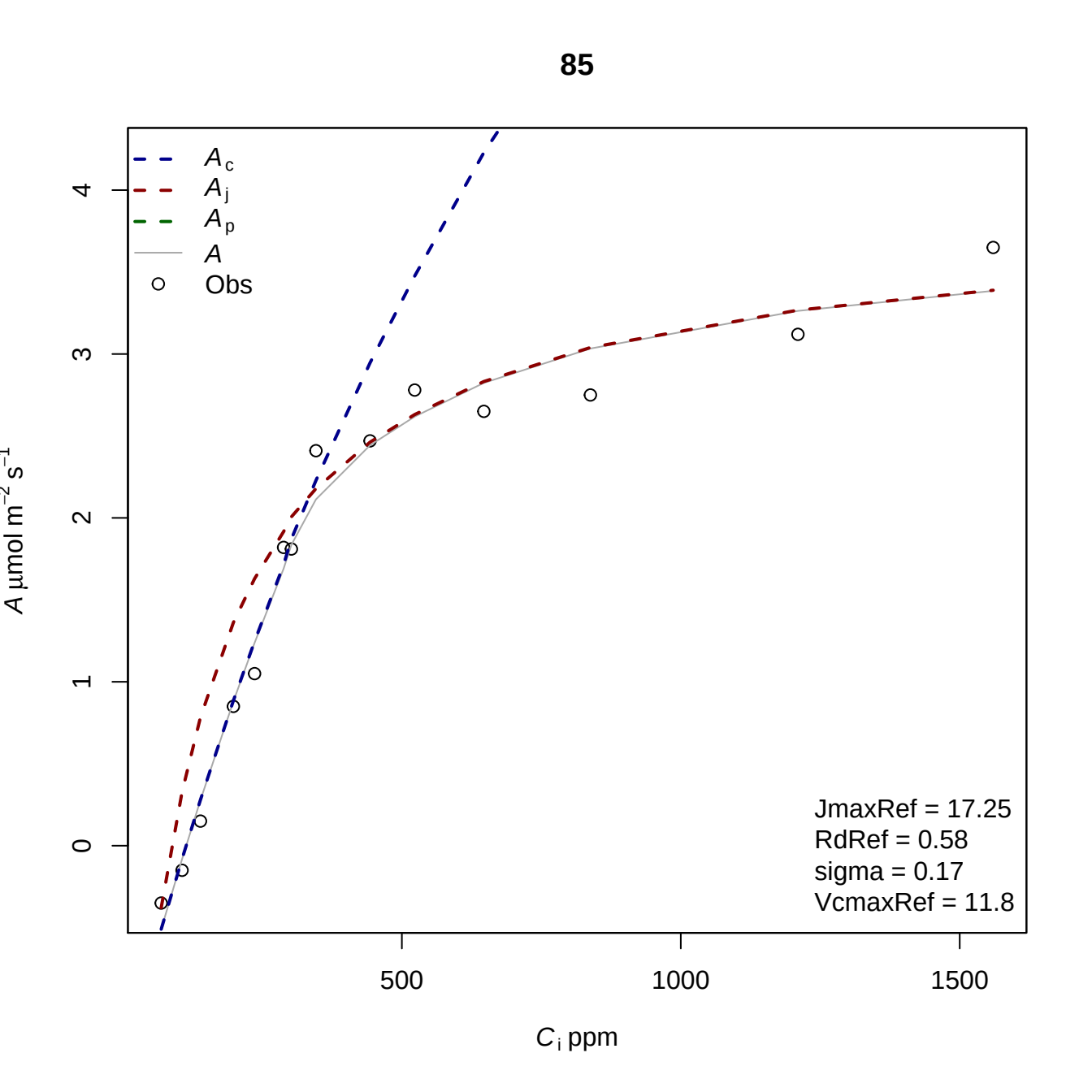

79
A_c
A_j
A_p
A
Obs
JmaxRef = 44.52
RdRef = 0.37
sigma = 0.21
VcmaxRef = 25.88
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
0
200
400
600
800
1000
1200
1400

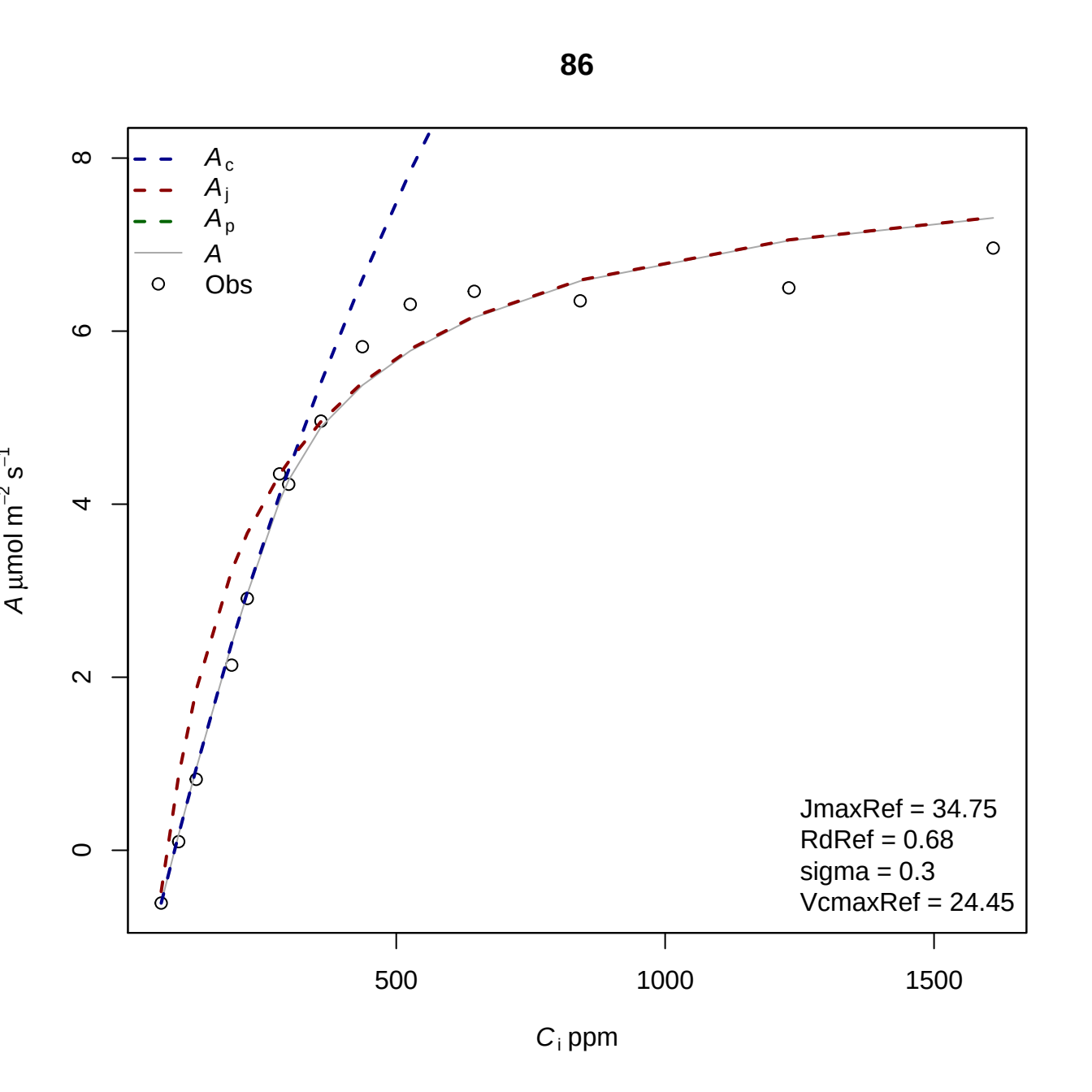

80
A_c
A_j
A_p
A
Obs
JmaxRef = 70.65
RdRef = 0.83
sigma = 0.21
VcmaxRef = 49.67
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000

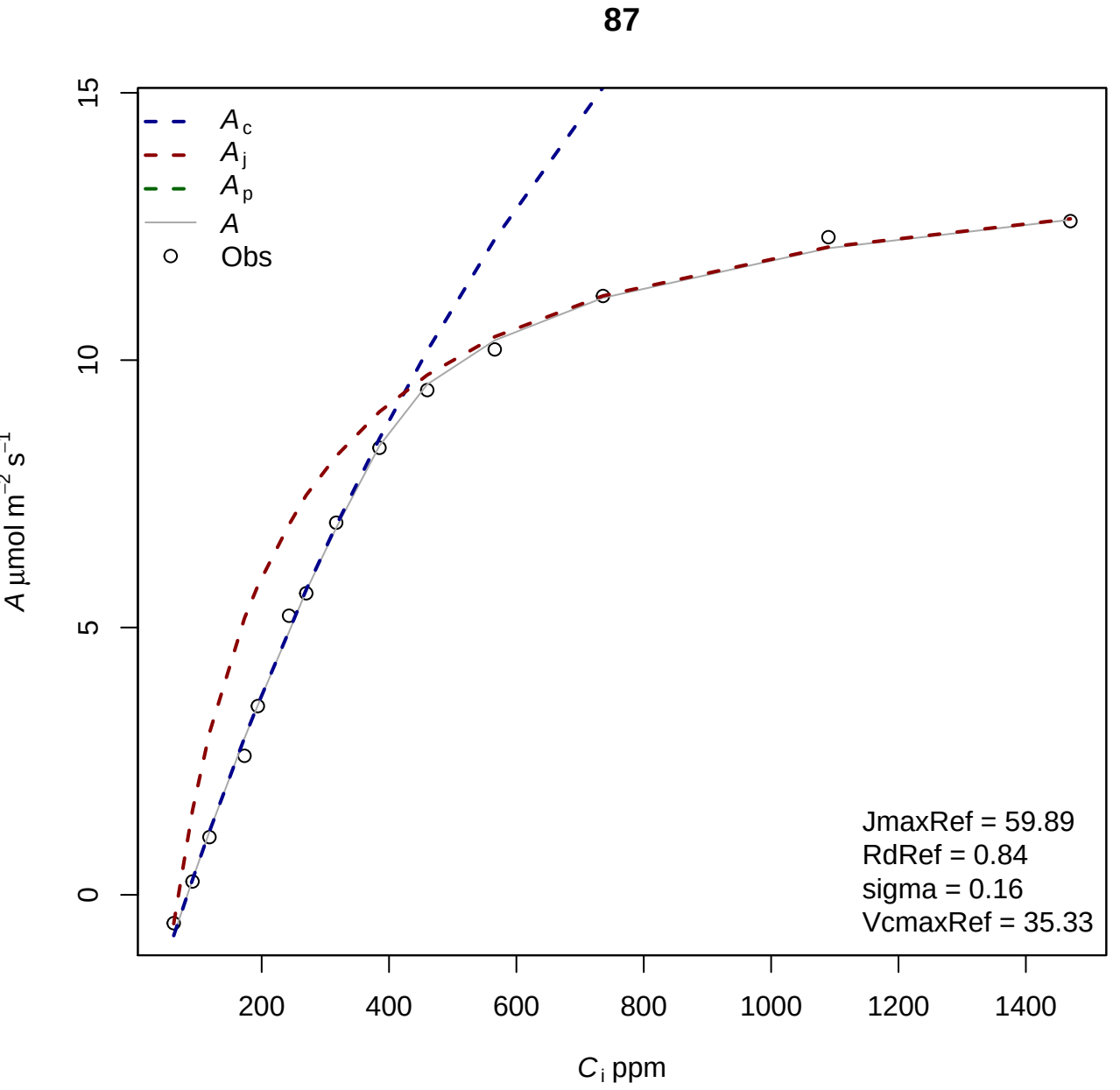

81
A_c
A_j
A_p
A
Obs
JmaxRef = 59.31
RdRef = 0.53
sigma = 0.27
VcmaxRef = 31.11
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

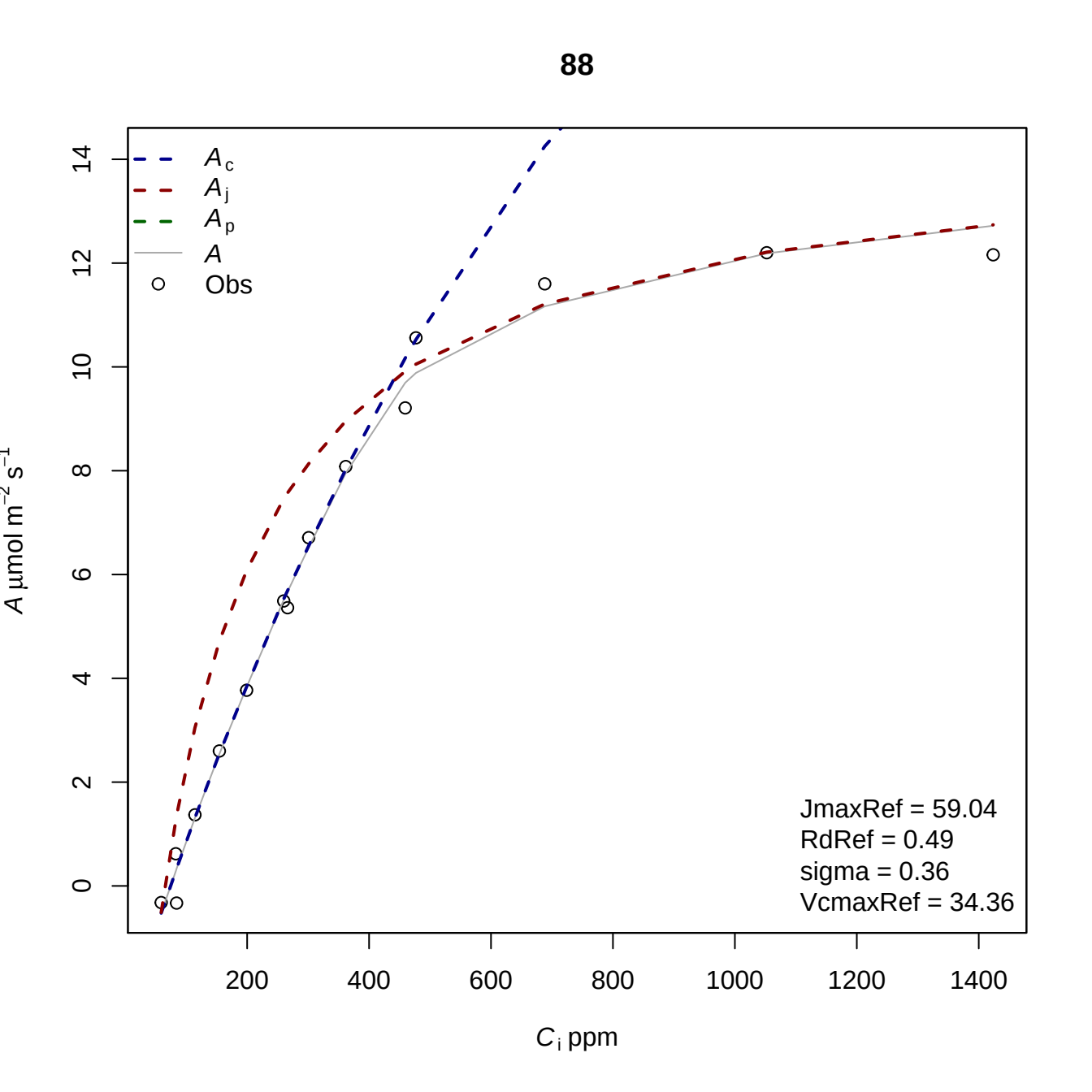

82
A_c
A_j
A_p
A
Obs
JmaxRef = 69.54
RdRef = 0.87
sigma = 0.16
VcmaxRef = 39.76
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

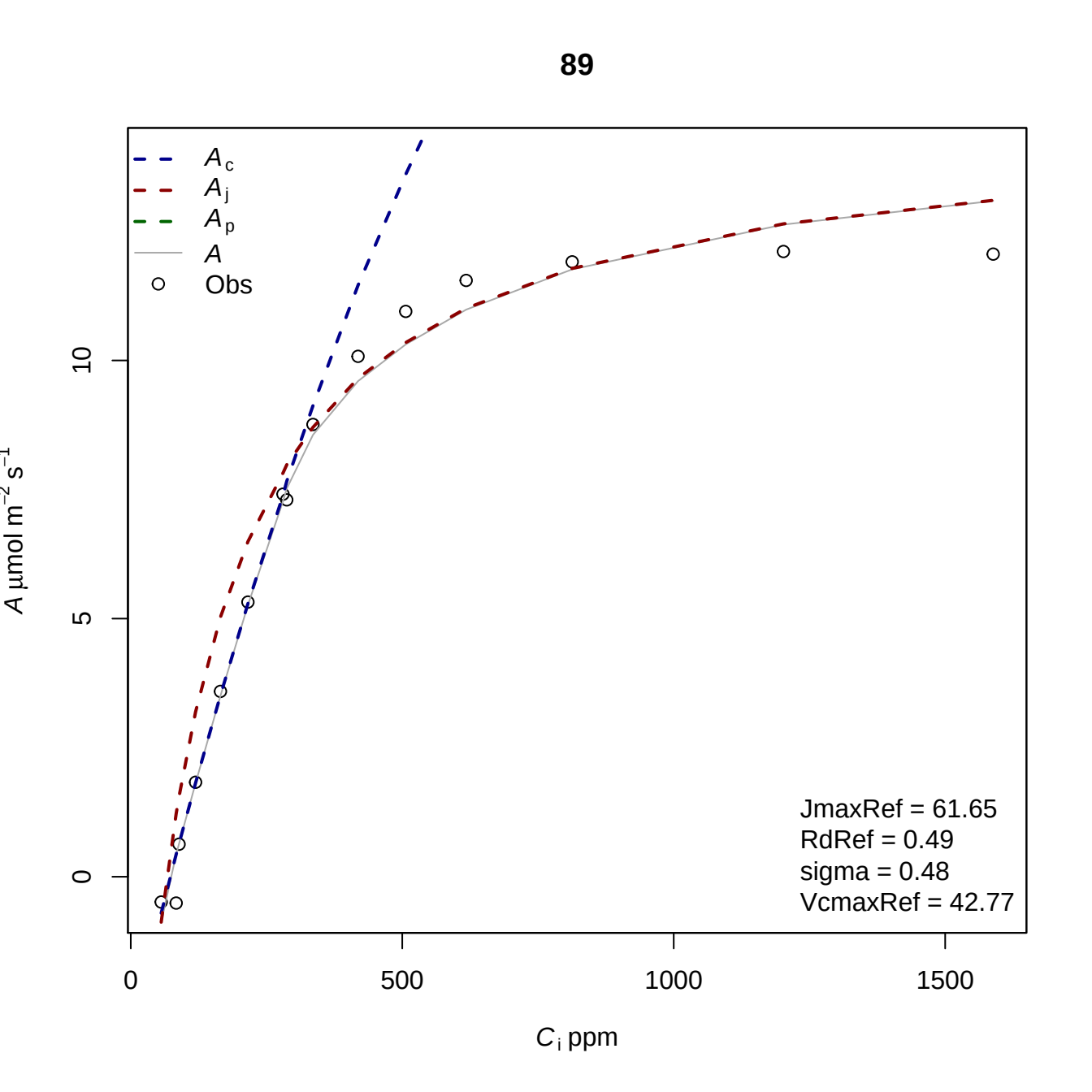

84
A_c
A_j
A_p
A
Obs
JmaxRef = 26.42
RdRef = 0.6
sigma = 0.1
VcmaxRef = 15.43
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
5
6
200
400
600
800
1000
1200

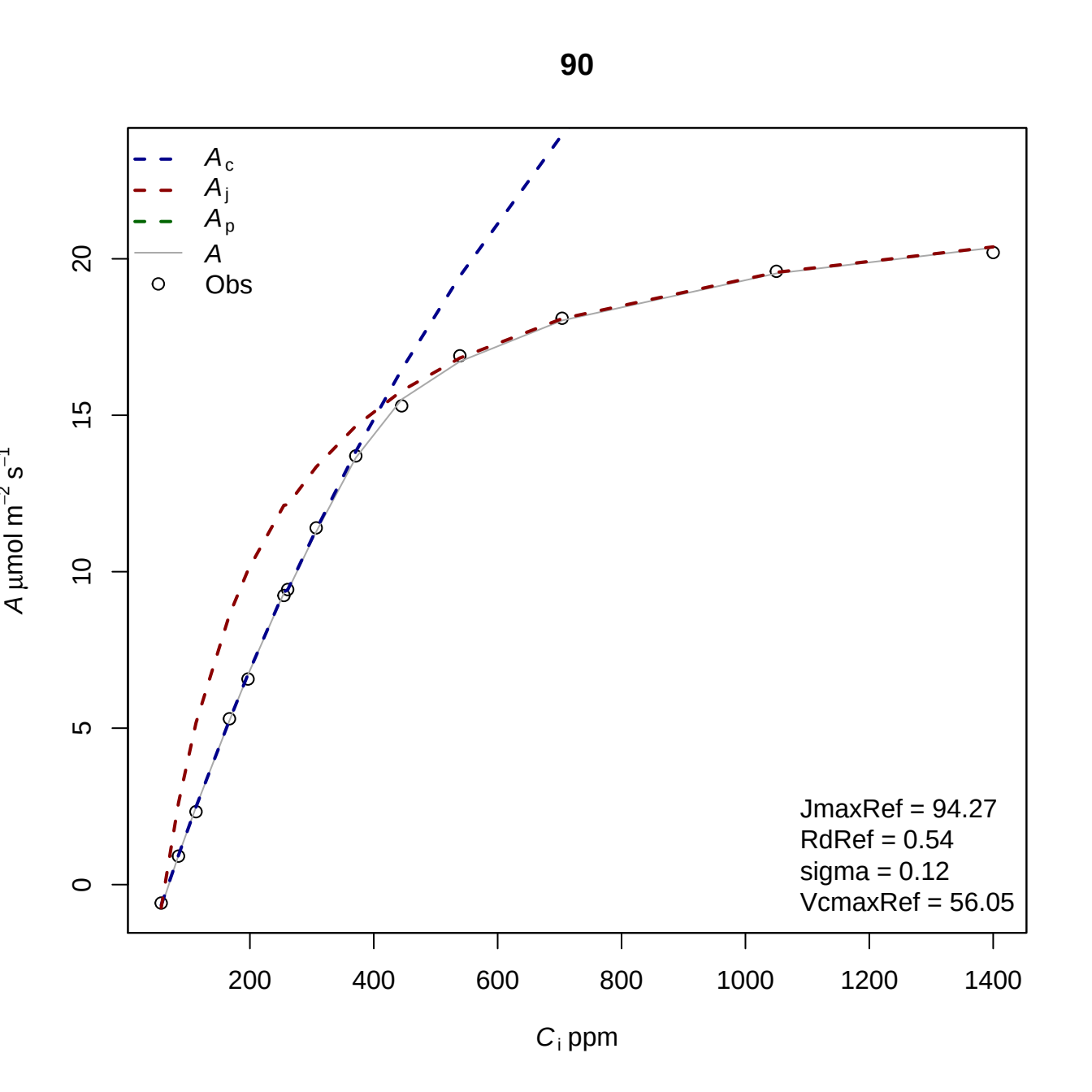

85
A_c
A_j
A_p
A
Obs
JmaxRef = 17.25
RdRef = 0.58
sigma = 0.17
VcmaxRef = 11.8
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
500
1000
1500

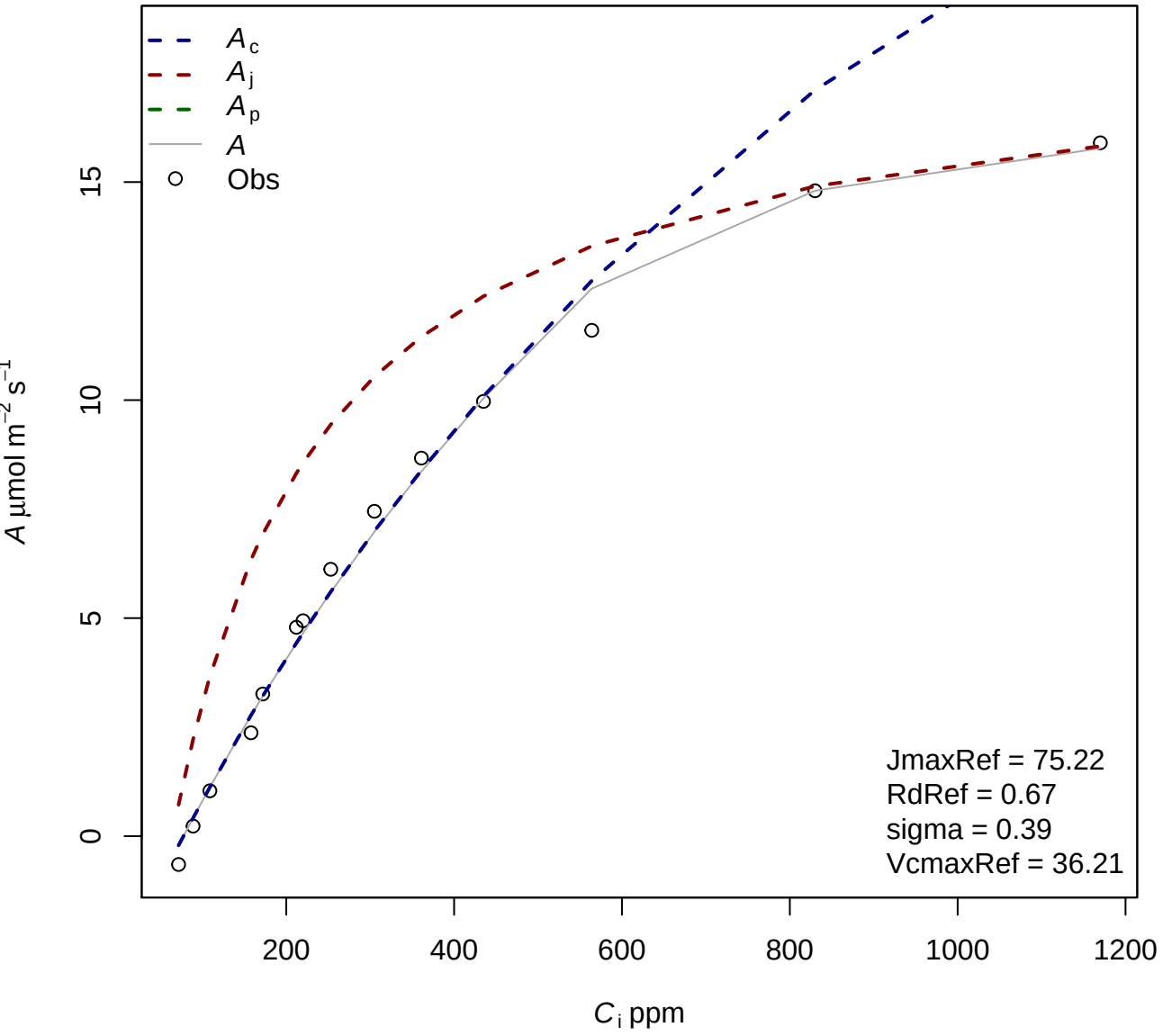

86
A_c
A_j
A_p
A
Obs
JmaxRef = 34.75
RdRef = 0.68
sigma = 0.3
VcmaxRef = 24.45
0
2
4
6
8
500
1000
1500
A µmol m^{-2} s^{-1}
C_i ppm

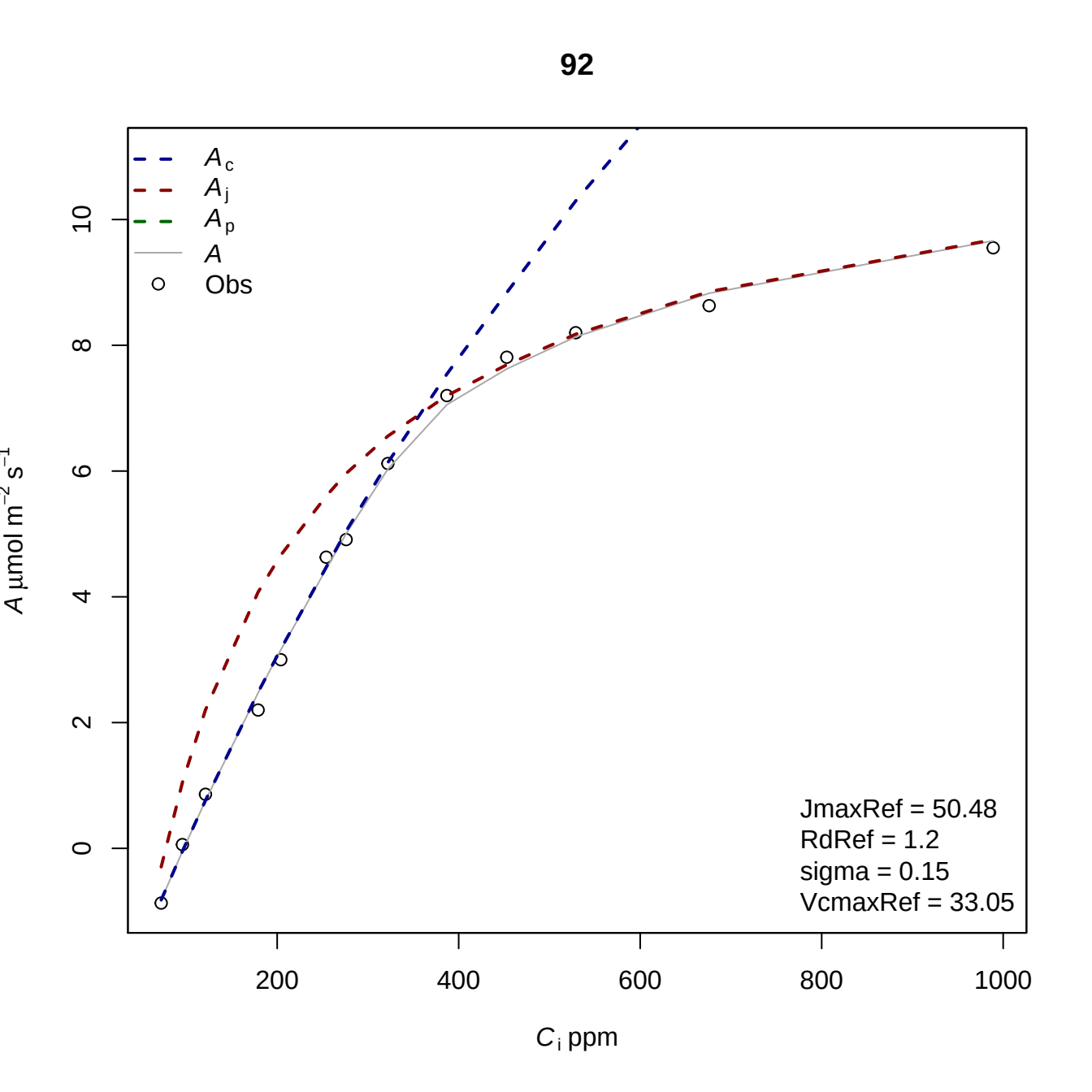

87
A_c
A_j
A_p
A
Obs
JmaxRef = 59.89
RdRef = 0.84
sigma = 0.16
VcmaxRef = 35.33
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200
1400

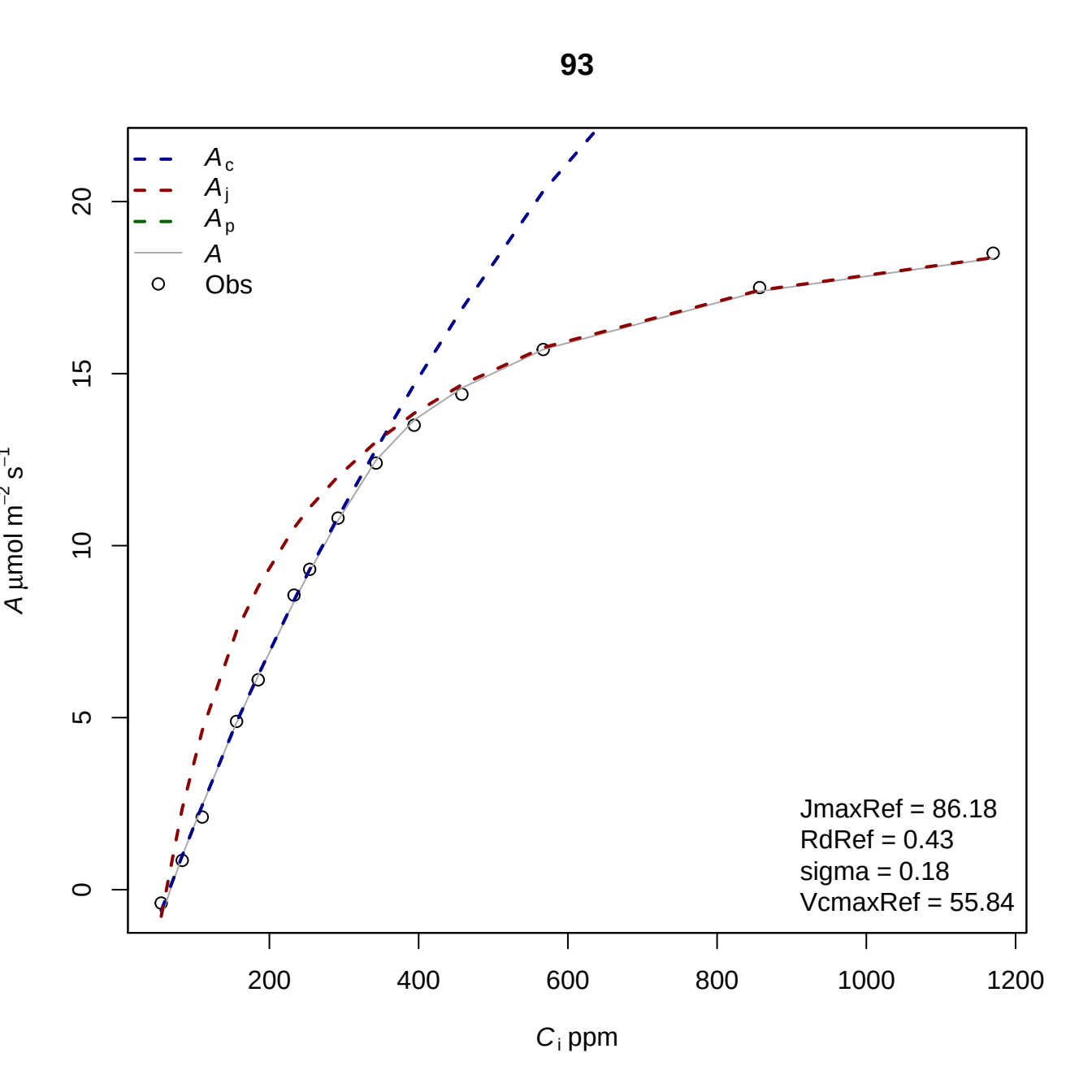

88
A_c
A_j
A_p
A
Obs
JmaxRef = 59.04
RdRef = 0.49
sigma = 0.36
VcmaxRef = 34.36
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
14
200
400
600
800
1000
1200
1400

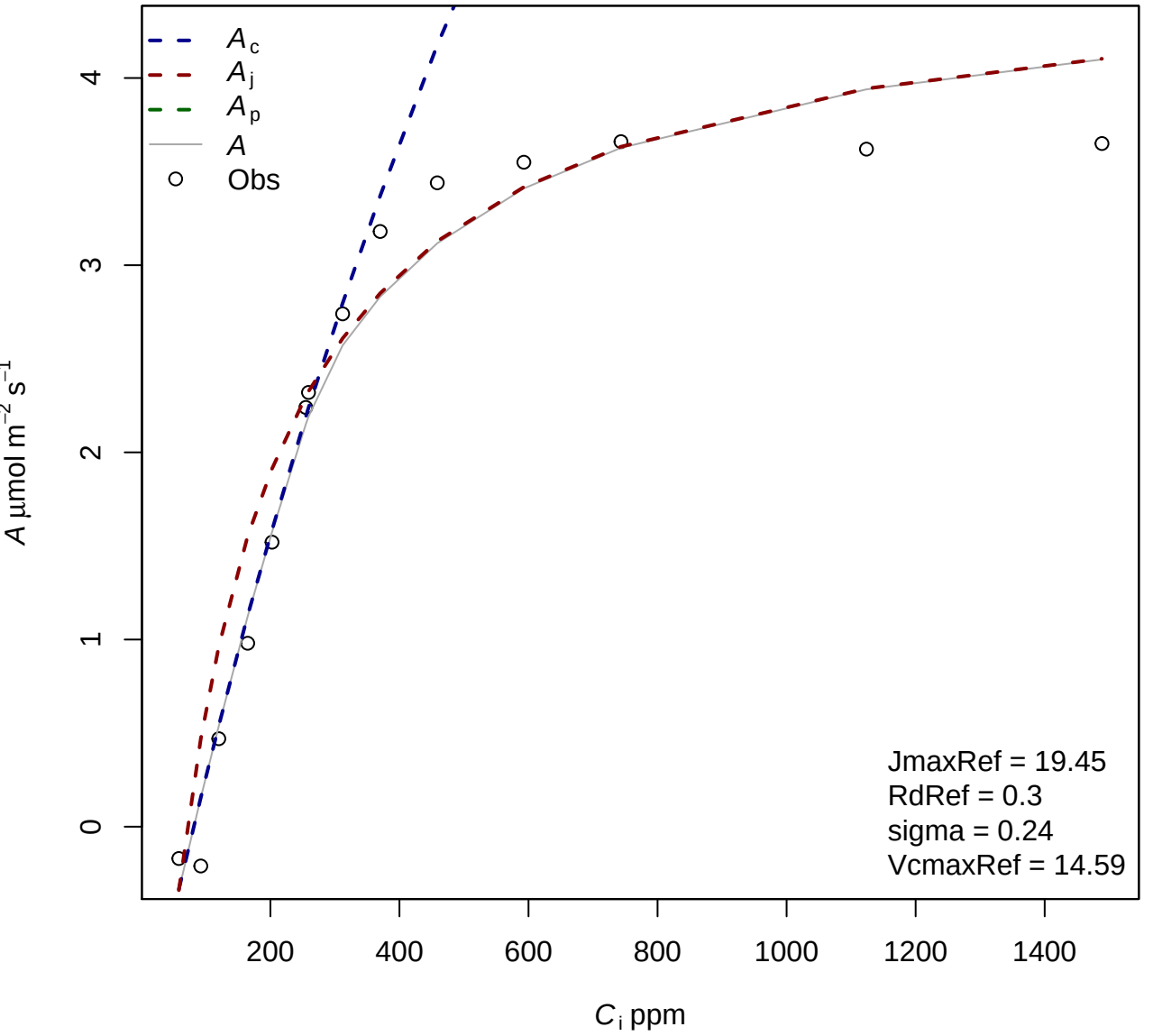

89
A_c
A_j
A_p
A
Obs
JmaxRef = 61.65
RdRef = 0.49
sigma = 0.48
VcmaxRef = 42.77
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
0
500
1000
1500

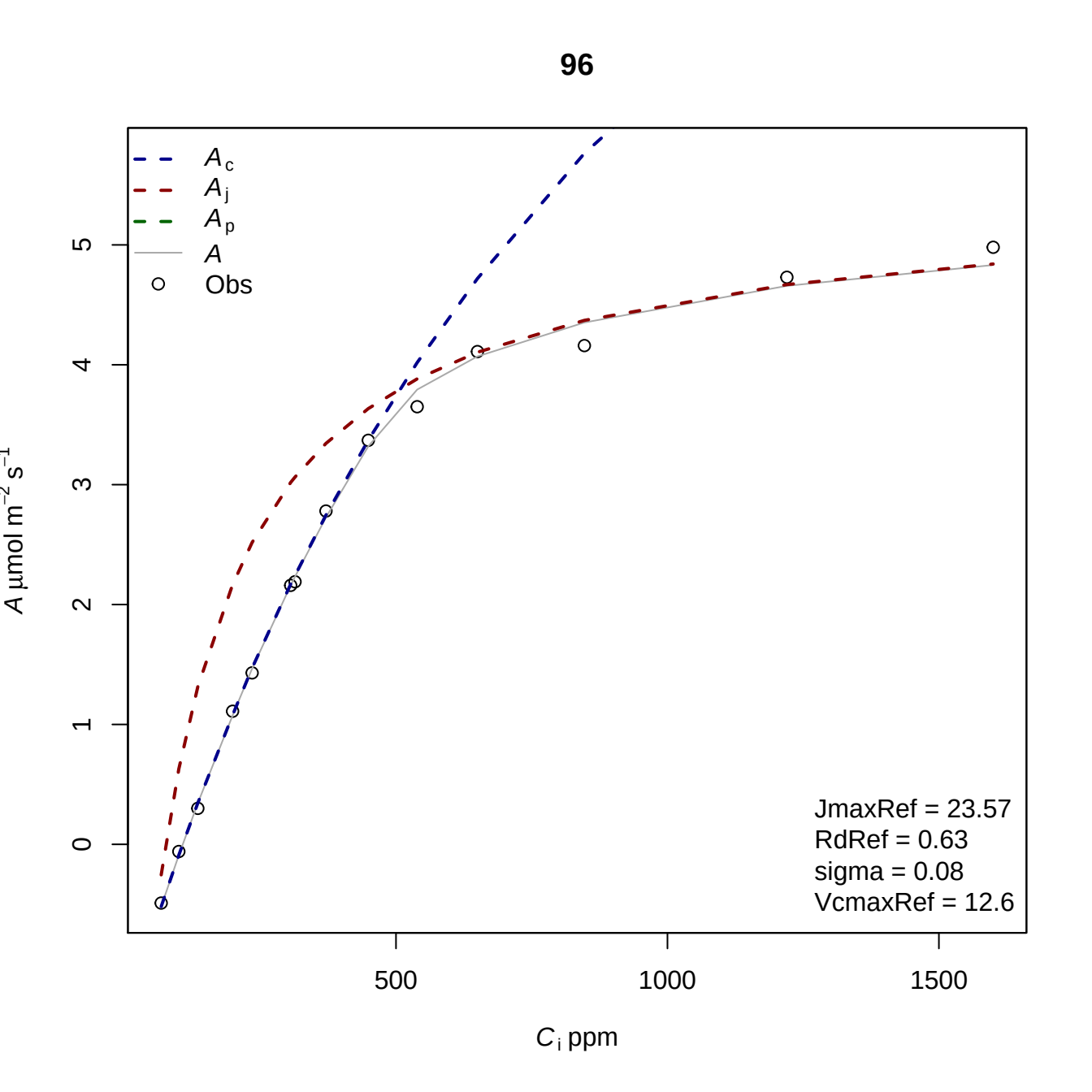

90
A_c
A_j
A_p
A
Obs
JmaxRef = 94.27
RdRef = 0.54
sigma = 0.12
VcmaxRef = 56.05
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200
1400

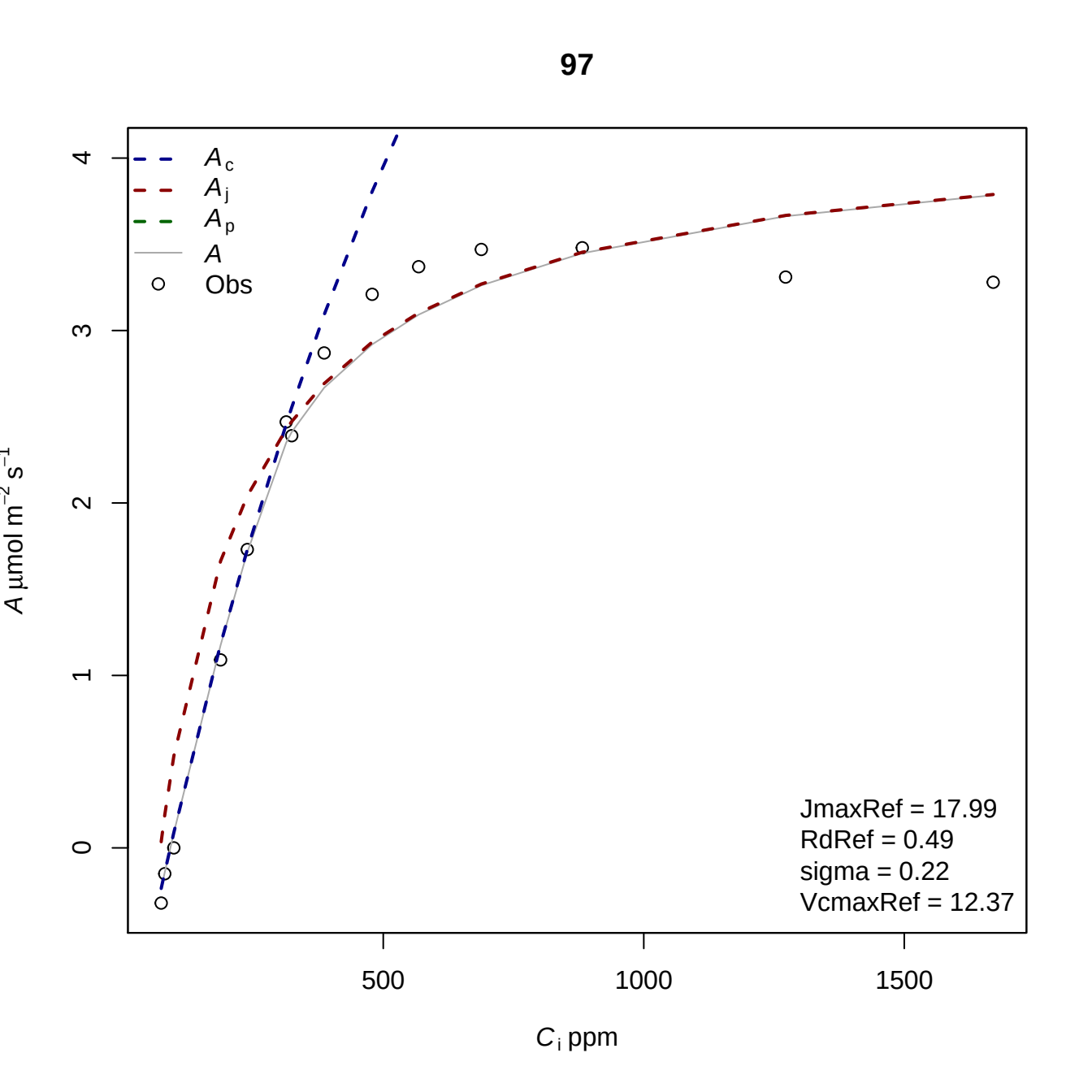

A_c
A_j
A_p
A
Obs
JmaxRef = 75.22
RdRef = 0.67
sigma = 0.39
VcmaxRef = 36.21
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200

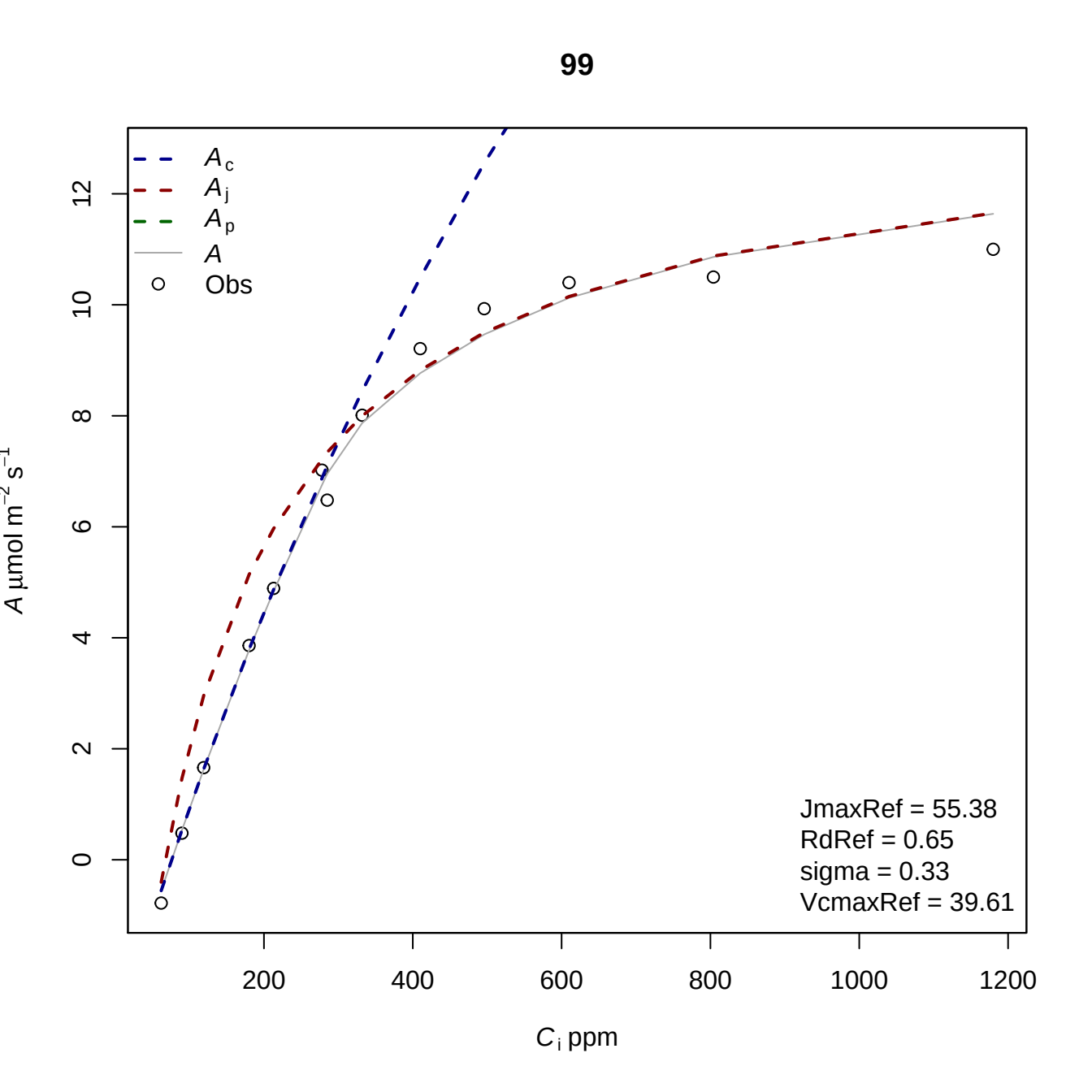

92
A_c
A_j
A_p
A
Obs
JmaxRef = 50.48
RdRef = 1.2
sigma = 0.15
VcmaxRef = 33.05
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000

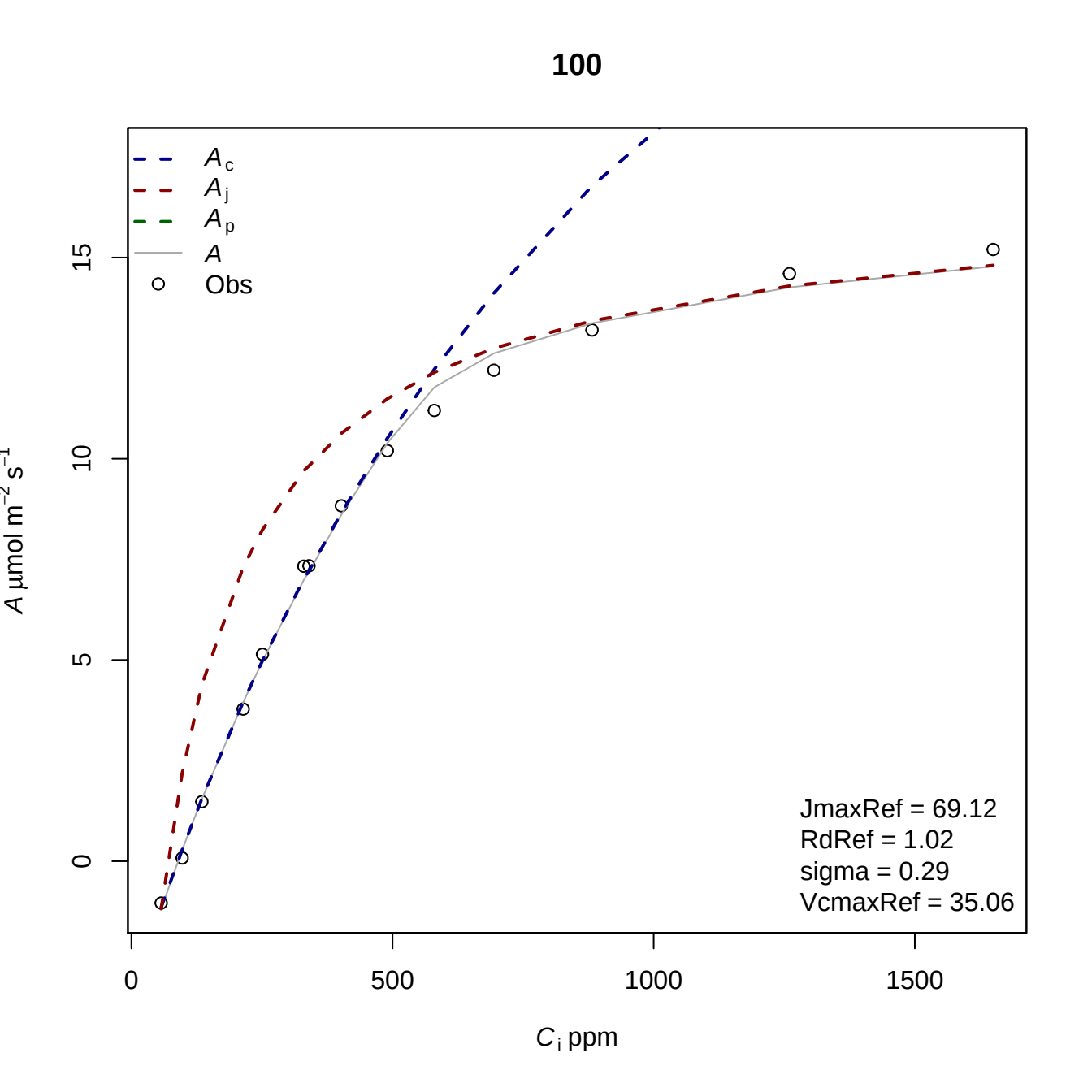

93
A_c
A_j
A_p
A
Obs
JmaxRef = 86.18
RdRef = 0.43
sigma = 0.18
VcmaxRef = 55.84
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200

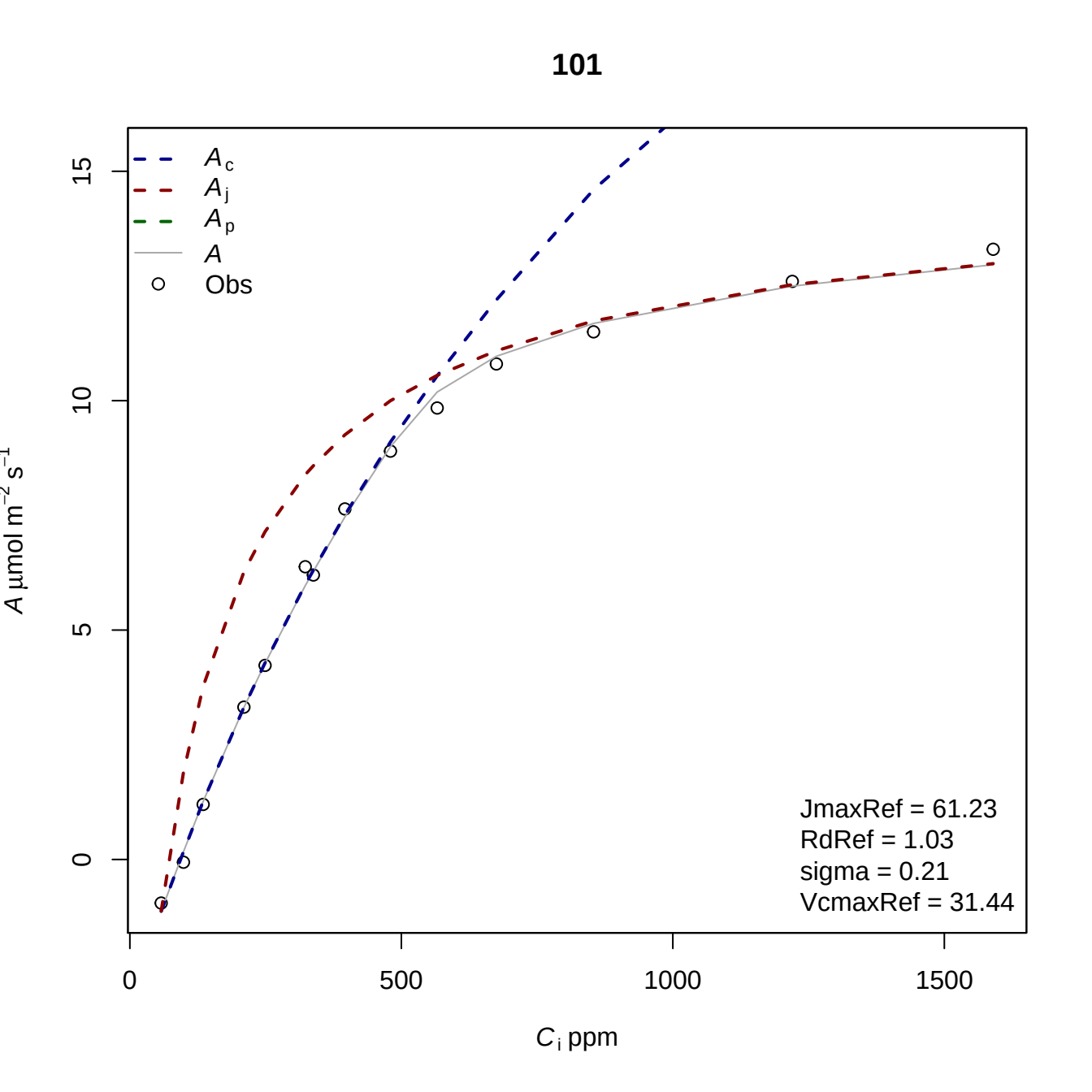

A_c
A_j
A_p
A
Obs
JmaxRef = 19.45
RdRef = 0.3
sigma = 0.24
VcmaxRef = 14.59
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
200
400
600
800
1000
1200
1400

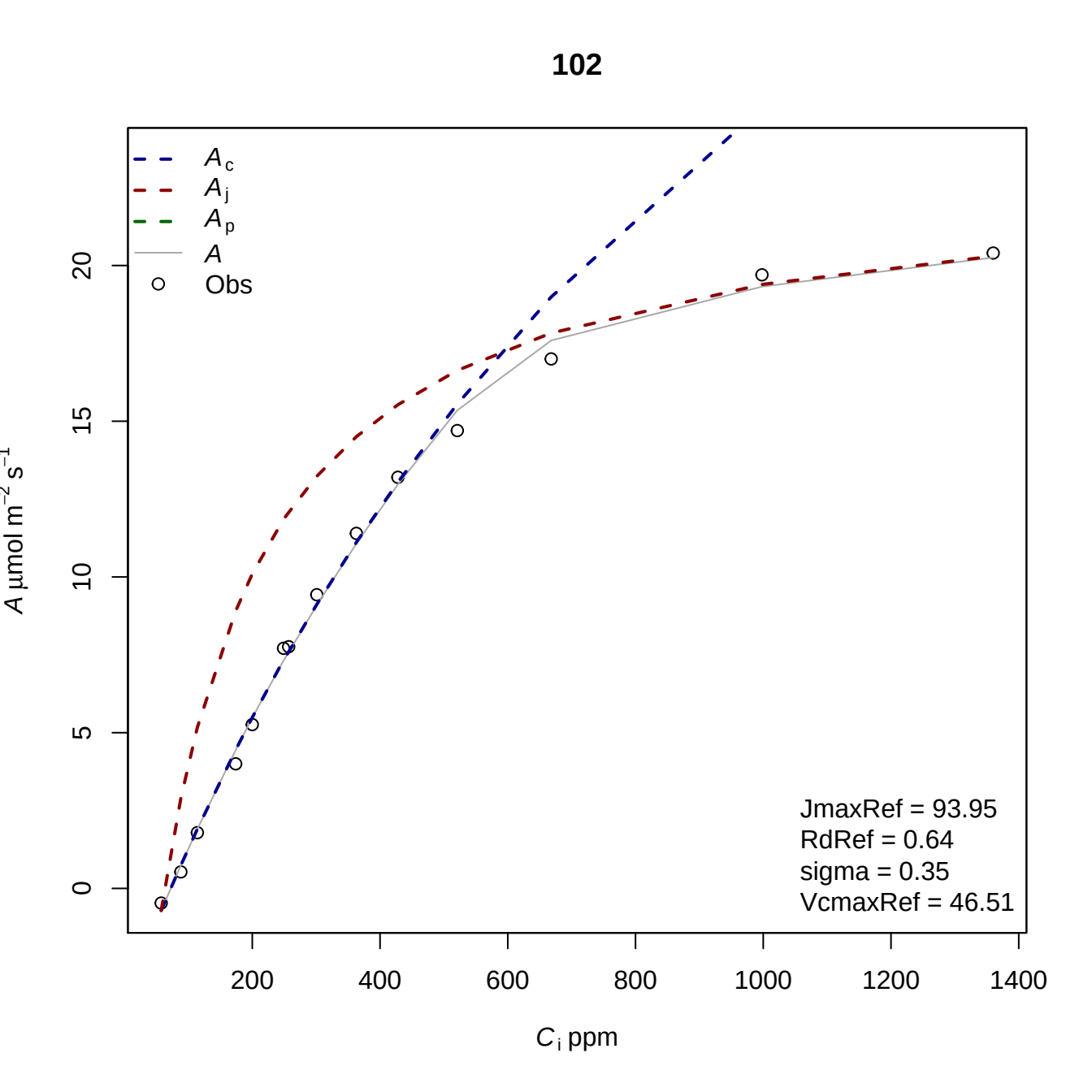

96
A_c
A_j
A_p
A
Obs
JmaxRef = 23.57
RdRef = 0.63
sigma = 0.08
VcmaxRef = 12.6
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
5
500
1000
1500

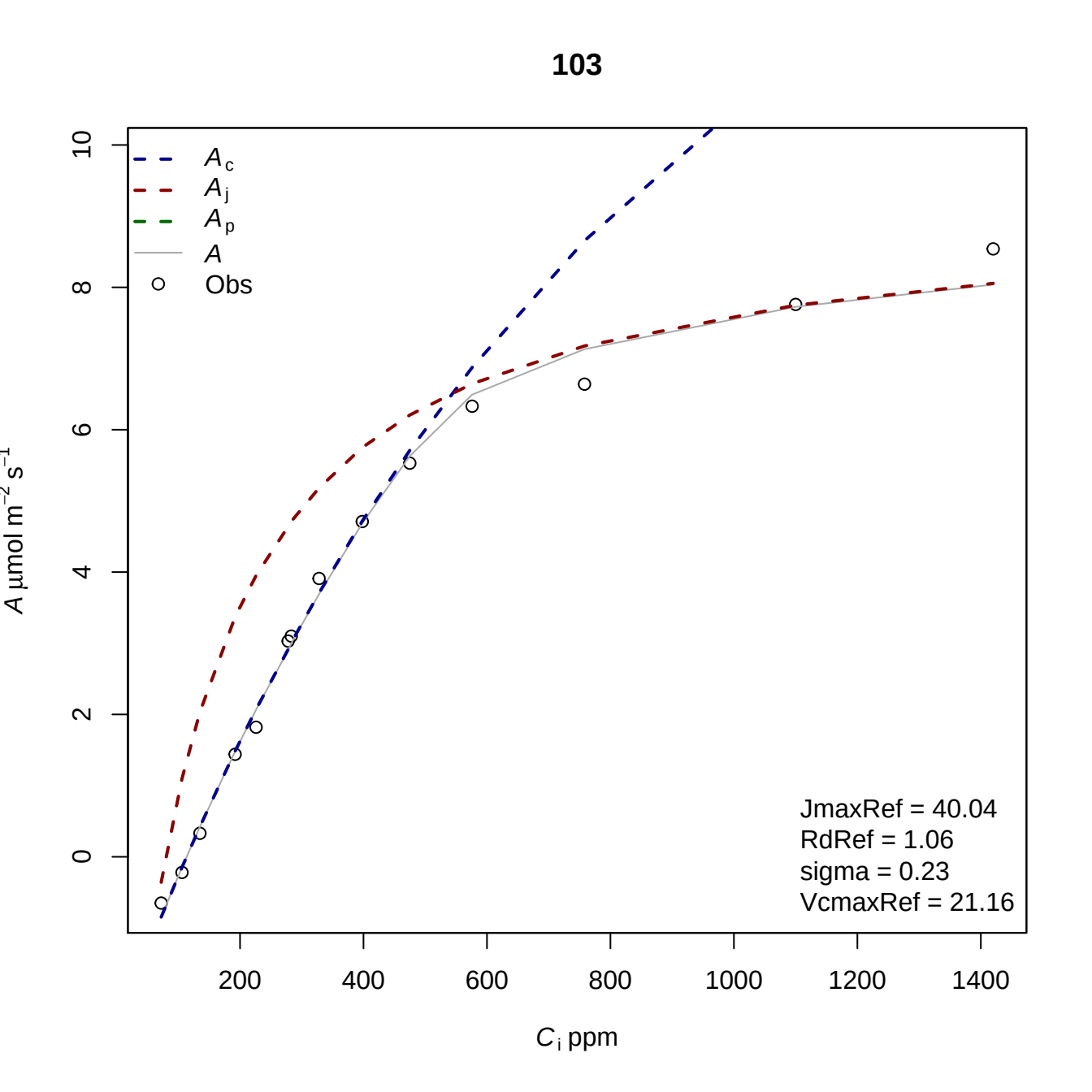

97
A_c
A_j
A_p
A
Obs
A µmol m^{-2} s^{-1}
0
1
2
3
4
500
1000
1500
C_i ppm
JmaxRef = 17.99
RdRef = 0.49
sigma = 0.22
VcmaxRef = 12.37

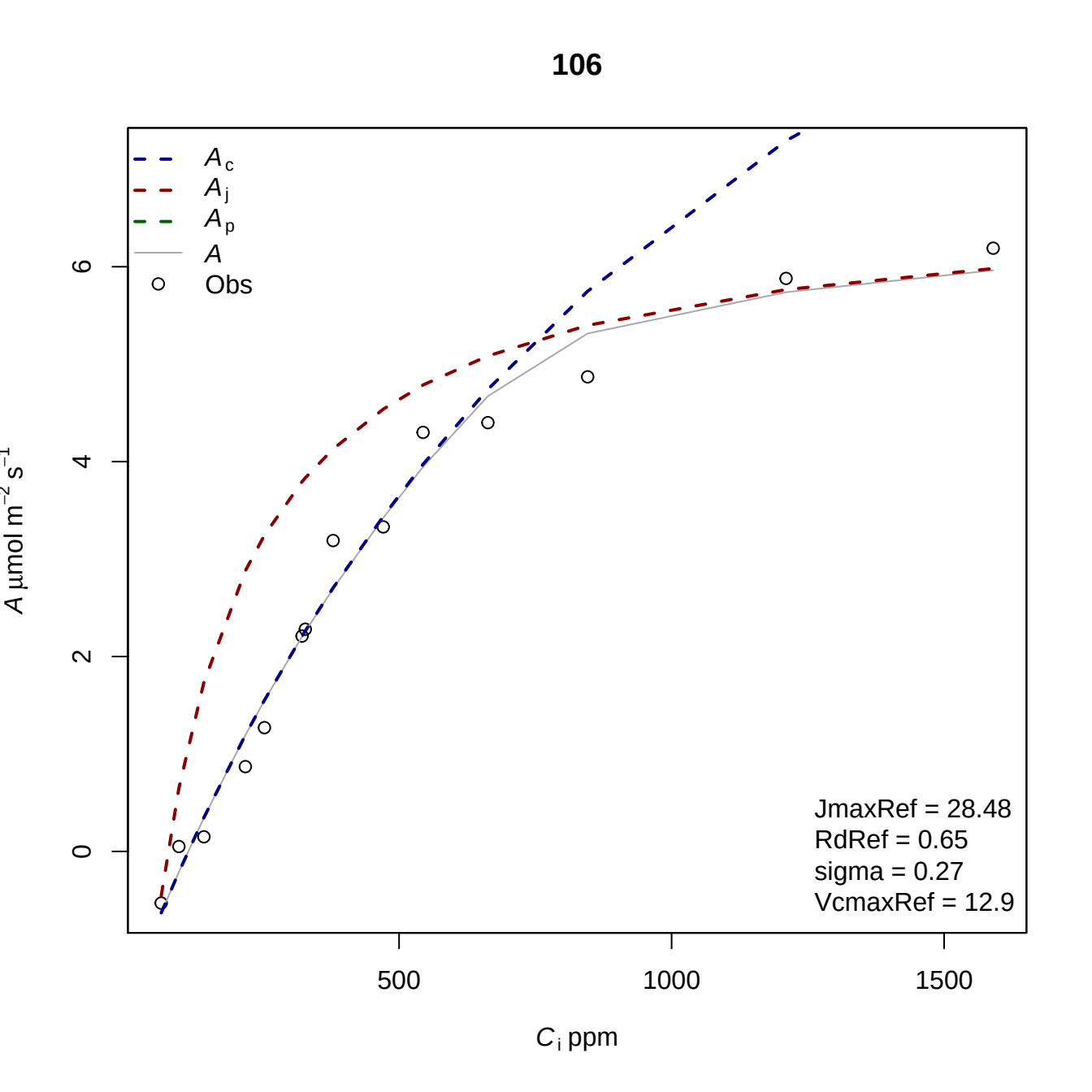

99
A_c
A_j
A_p
A
Obs
JmaxRef = 55.38
RdRef = 0.65
sigma = 0.33
VcmaxRef = 39.61
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
12
200
400
600
800
1000
1200

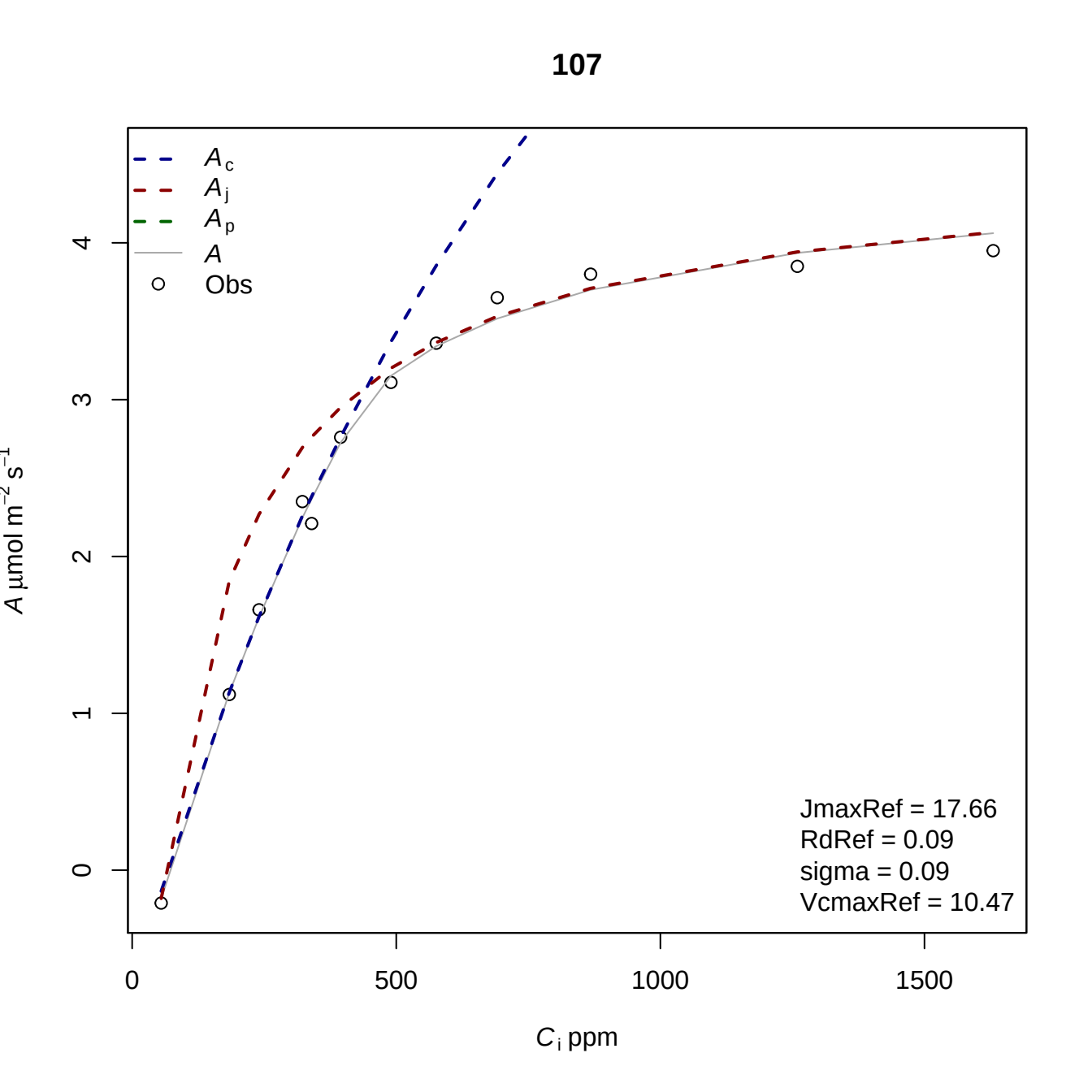

100
A_c
A_j
A_p
A
Obs
JmaxRef = 69.12
RdRef = 1.02
sigma = 0.29
VcmaxRef = 35.06
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

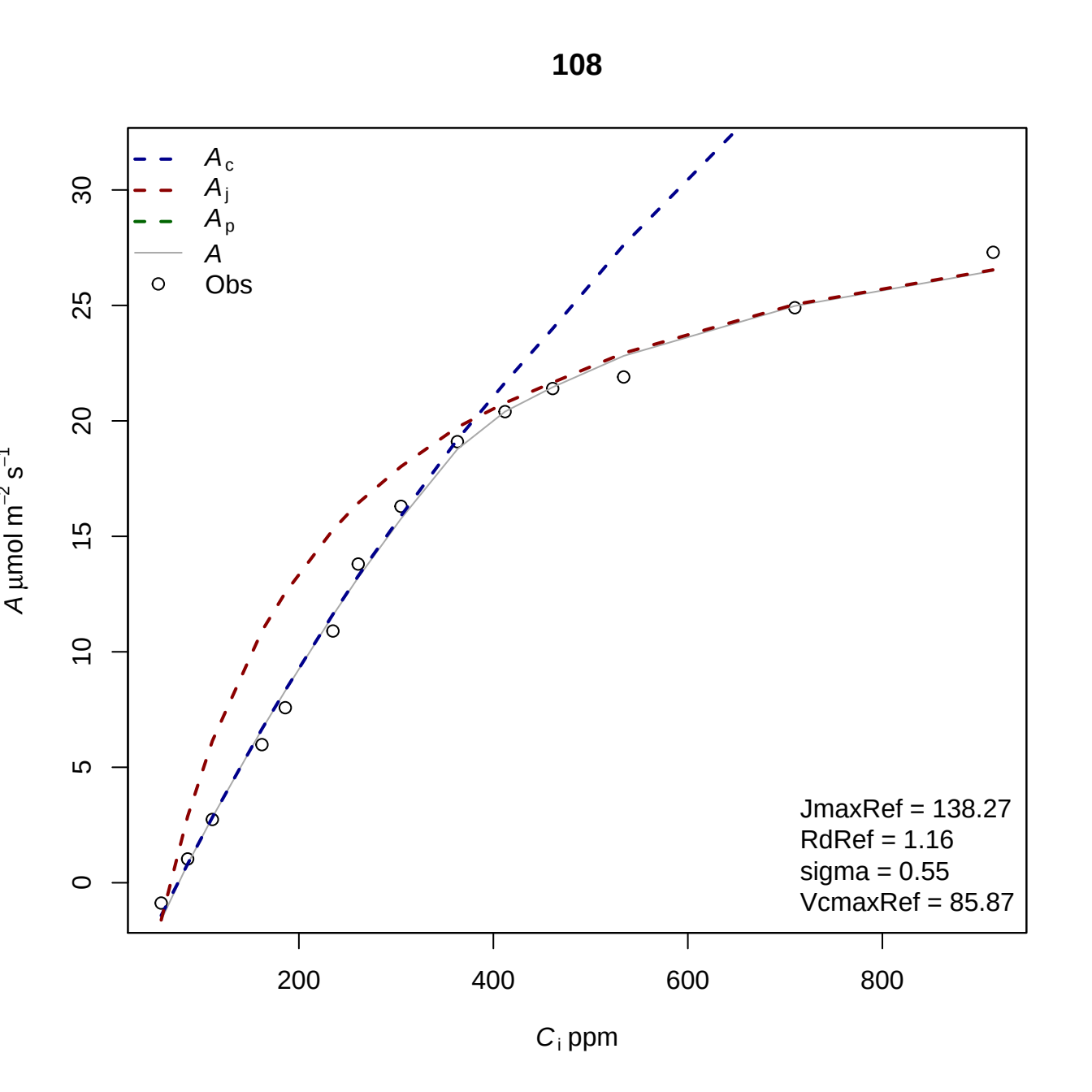

101
A_c
A_j
A_p
A
Obs
JmaxRef = 61.23
RdRef = 1.03
sigma = 0.21
VcmaxRef = 31.44
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

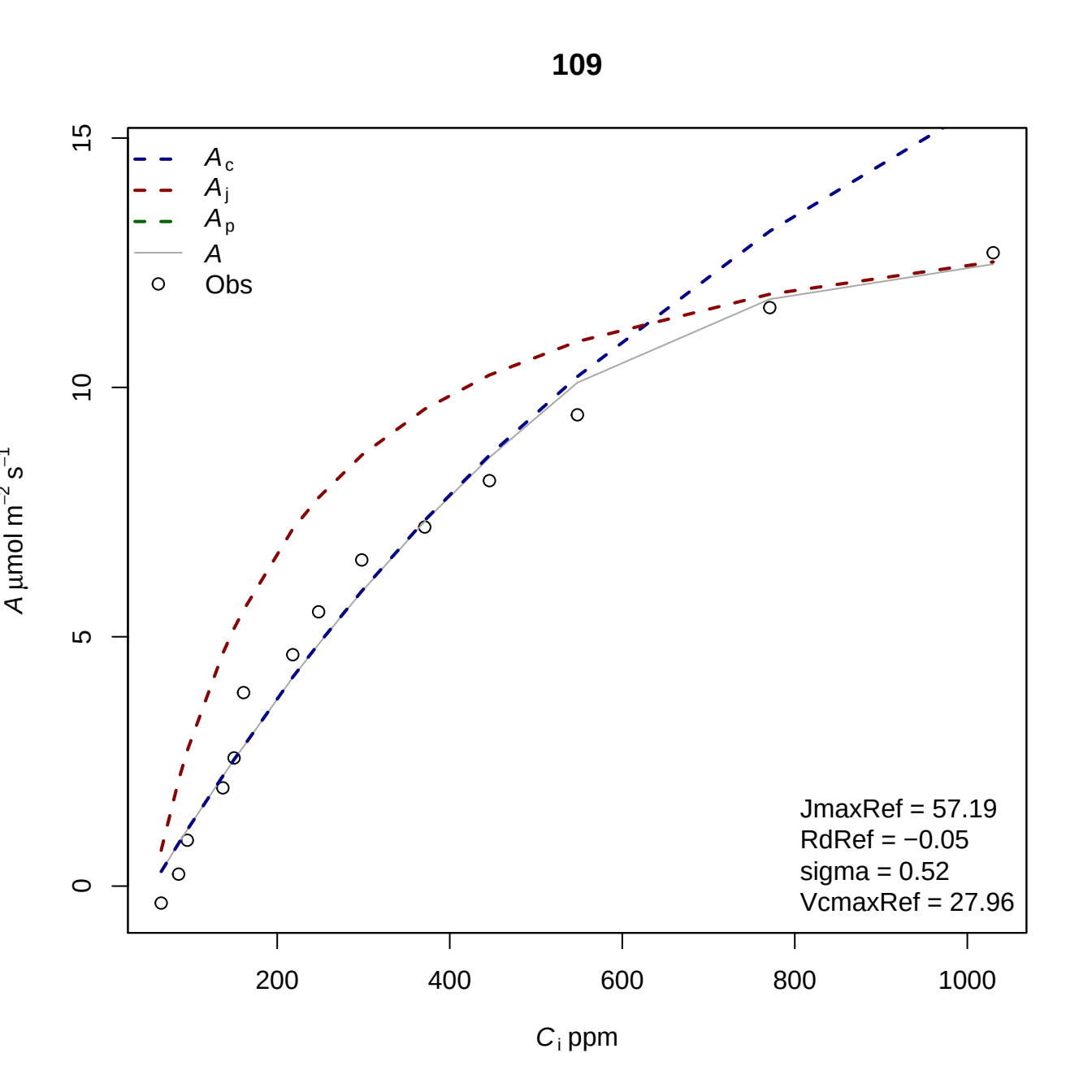

102
A_c
A_j
A_p
A
Obs
JmaxRef = 93.95
RdRef = 0.64
sigma = 0.35
VcmaxRef = 46.51
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200
1400

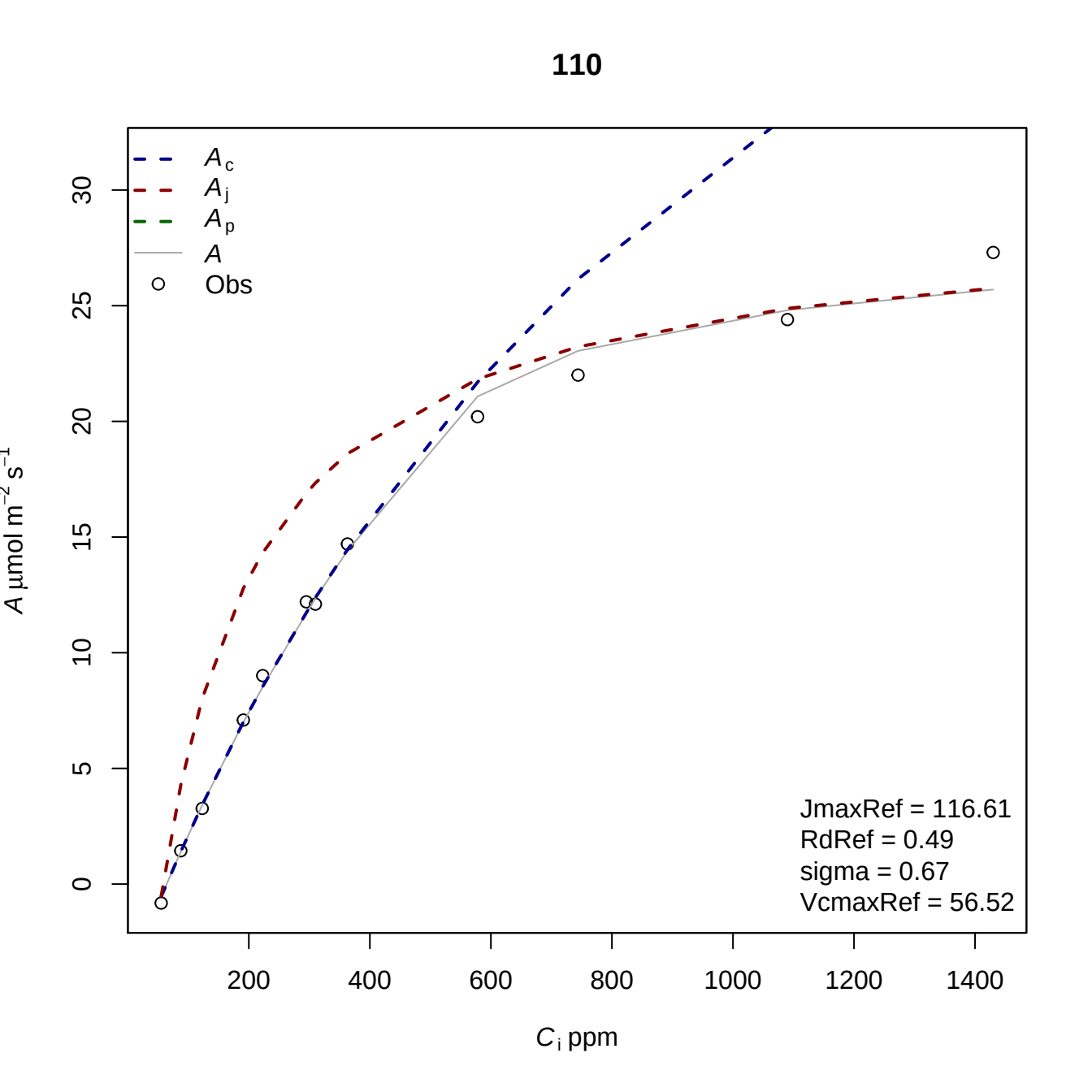

103
A_c
A_j
A_p
A
Obs
JmaxRef = 40.04
RdRef = 1.06
sigma = 0.23
VcmaxRef = 21.16
A µmol m^{-2} s^{-1}
C_i ppm
0
2
4
6
8
10
200
400
600
800
1000
1200
1400

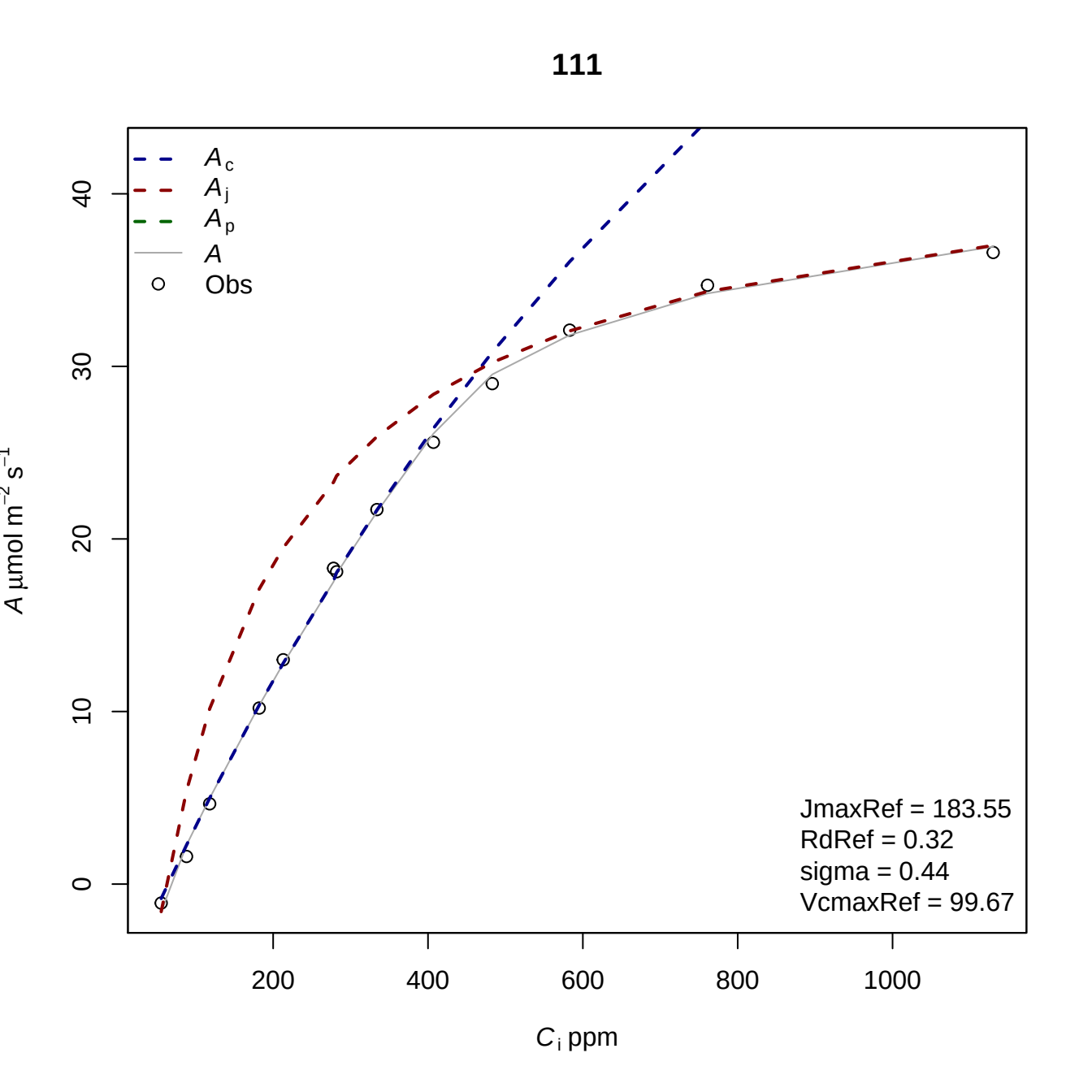

106
A_c
A_j
A_p
A
Obs
JmaxRef = 28.48
RdRef = 0.65
sigma = 0.27
VcmaxRef = 12.9
0
2
4
6
500
1000
1500
A µmol m^{-2} s^{-1}
C_i ppm

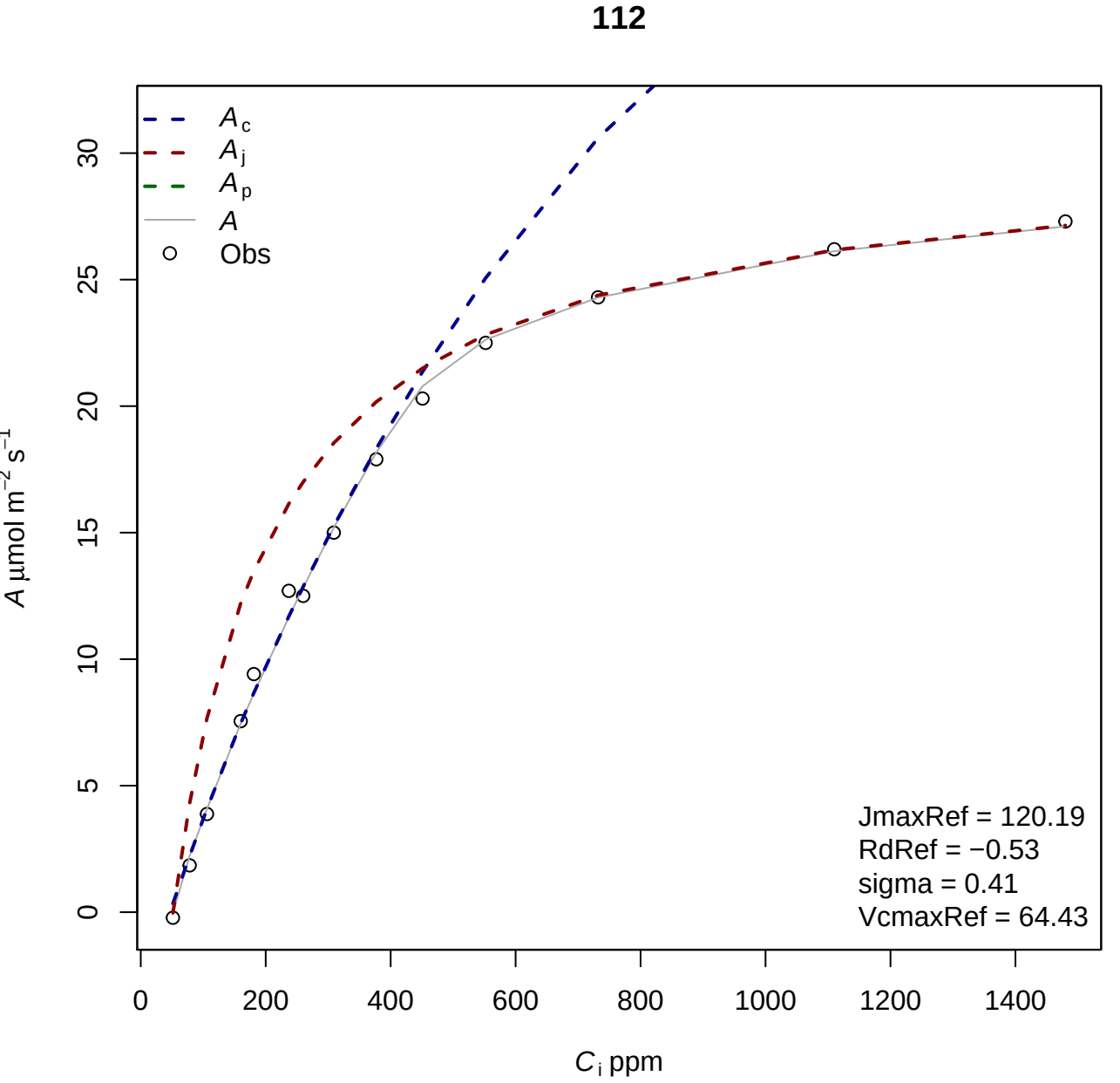

107
A_c
A_j
A_p
A
Obs
JmaxRef = 17.66
RdRef = 0.09
sigma = 0.09
VcmaxRef = 10.47
A µmol m^{-2} s^{-1}
C_i ppm
0
1
2
3
4
0
500
1000
1500

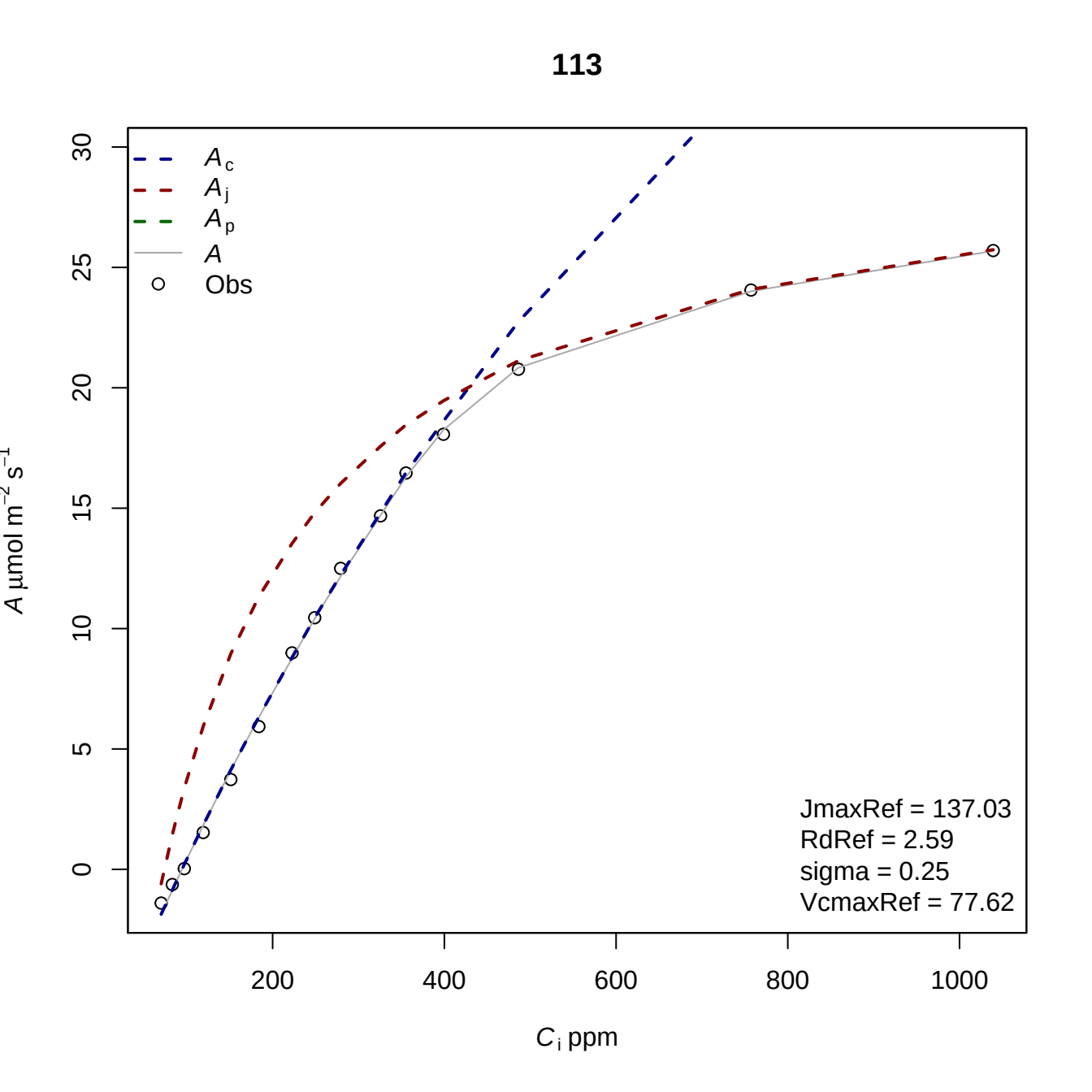

108
A_c
A_j
A_p
A
Obs
JmaxRef = 138.27
RdRef = 1.16
sigma = 0.55
VcmaxRef = 85.87
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800

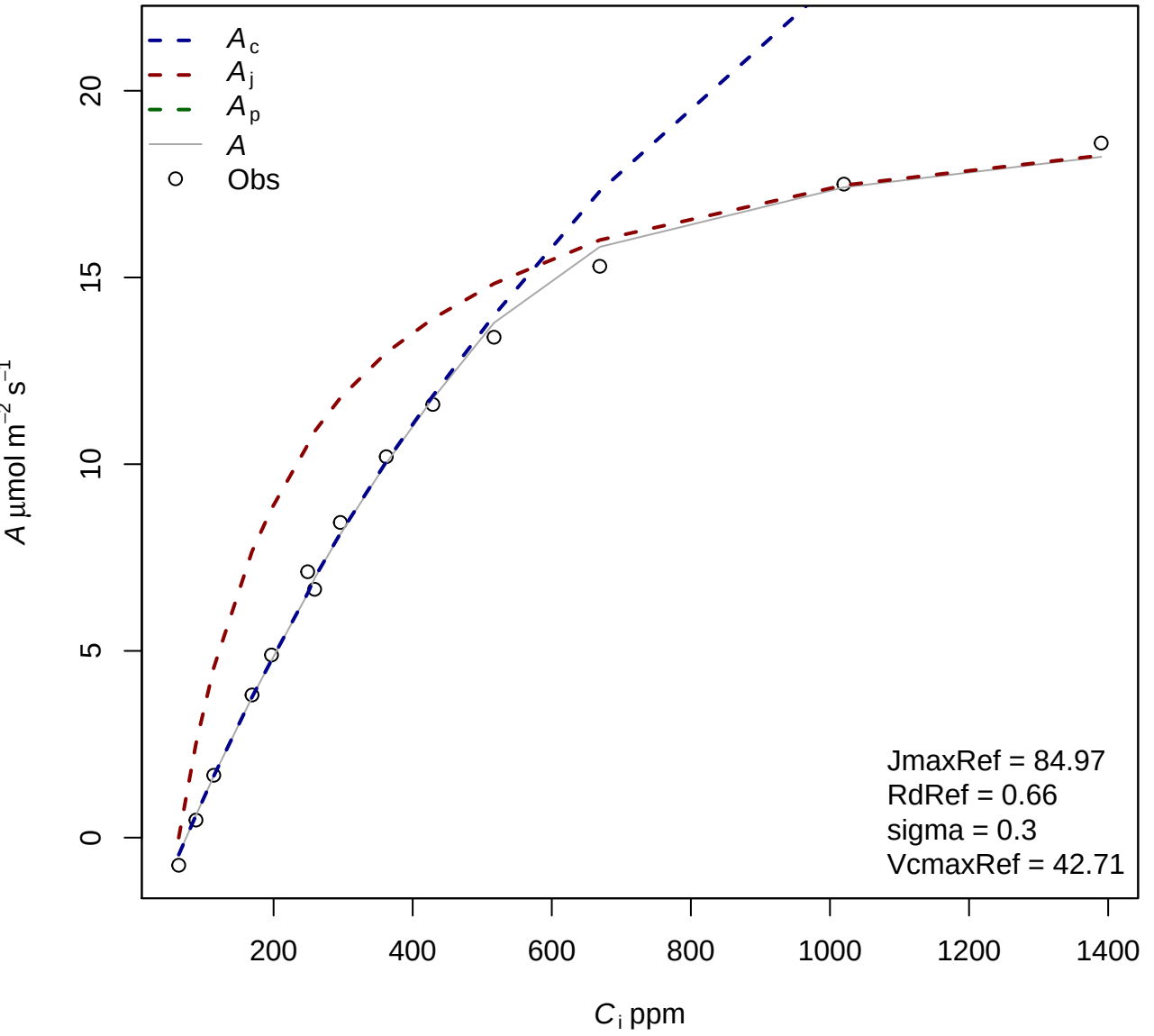

109
A_c
A_j
A_p
A
Obs
JmaxRef = 57.19
RdRef = −0.05
sigma = 0.52
VcmaxRef = 27.96
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000

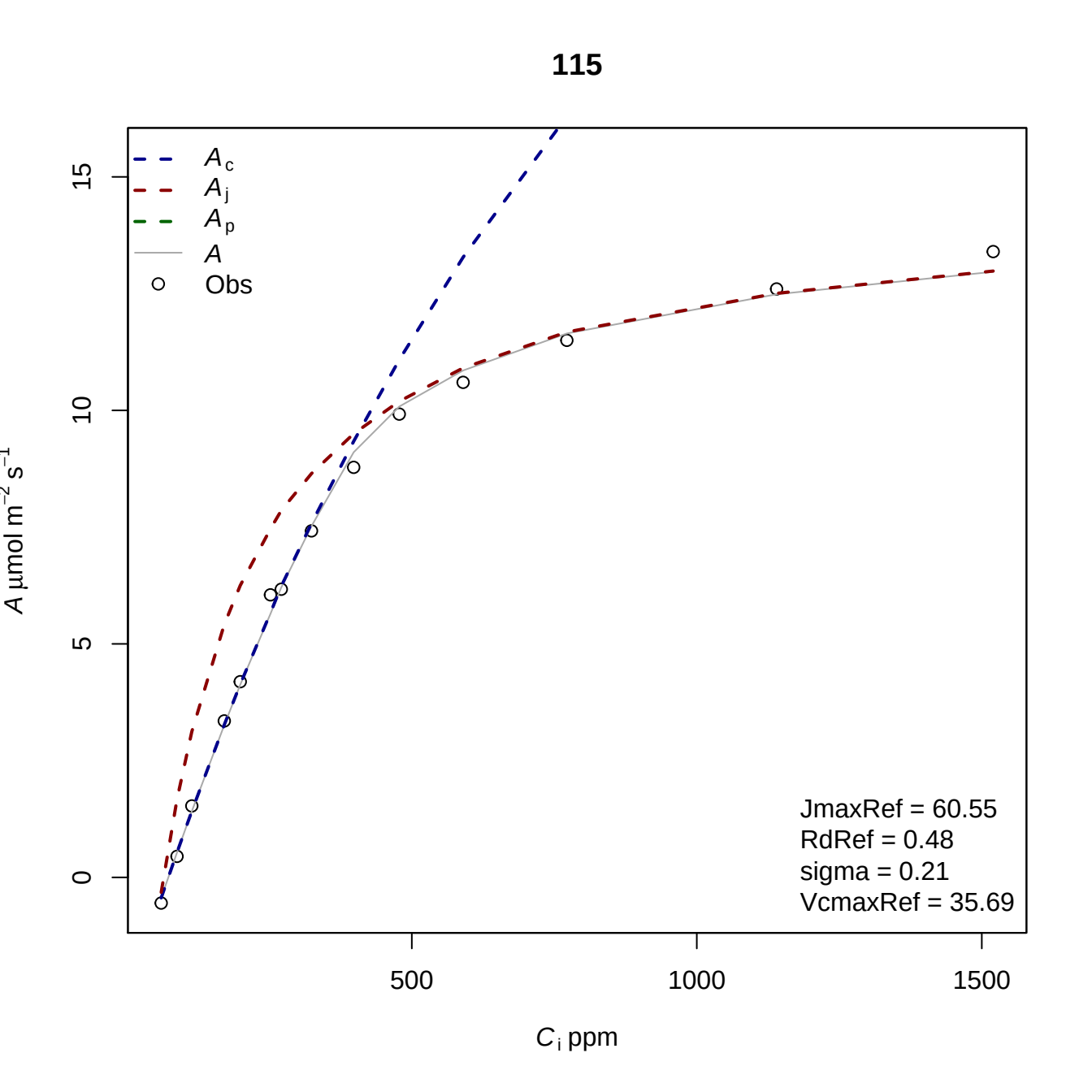

110
A_c
A_j
A_p
A
Obs
JmaxRef = 116.61
RdRef = 0.49
sigma = 0.67
VcmaxRef = 56.52
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000
1200
1400

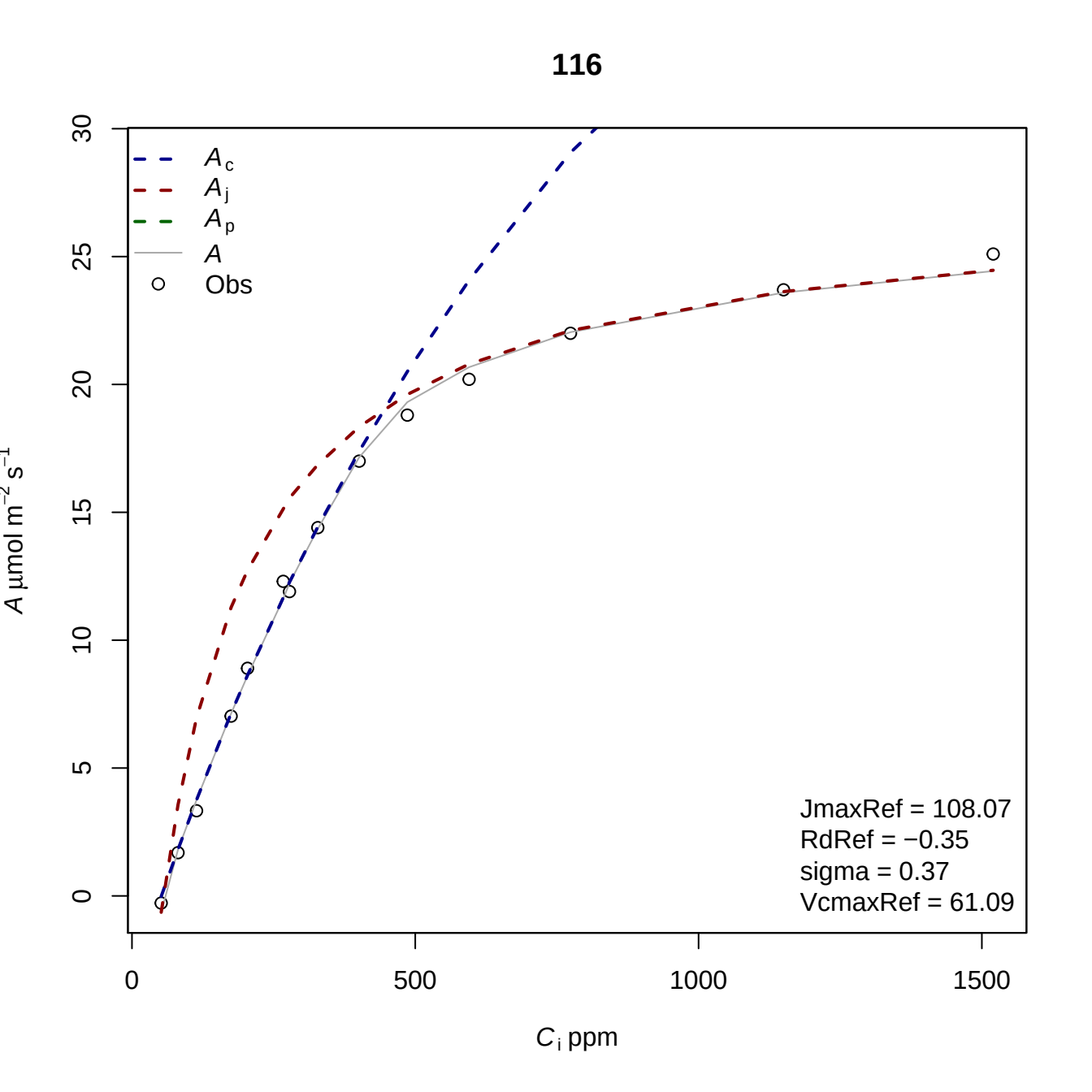

111
A_c
A_j
A_p
A
Obs
JmaxRef = 183.55
RdRef = 0.32
sigma = 0.44
VcmaxRef = 99.67
0
10
20
30
40
200
400
600
800
1000
A µmol m^{-2} s^{-1}
C_i ppm

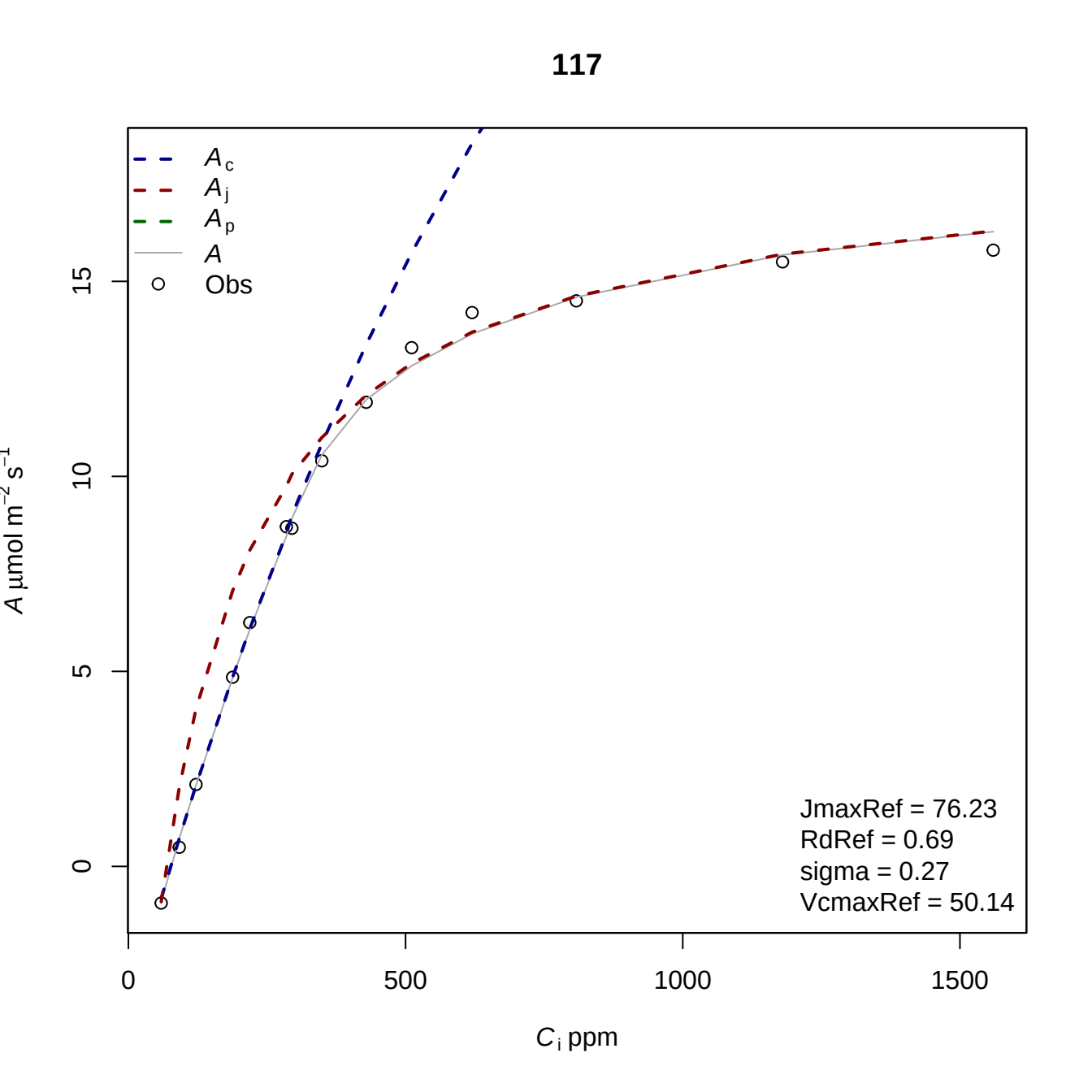

112
A_c
A_j
A_p
A
Obs
JmaxRef = 120.19
RdRef = −0.53
sigma = 0.41
VcmaxRef = 64.43
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400

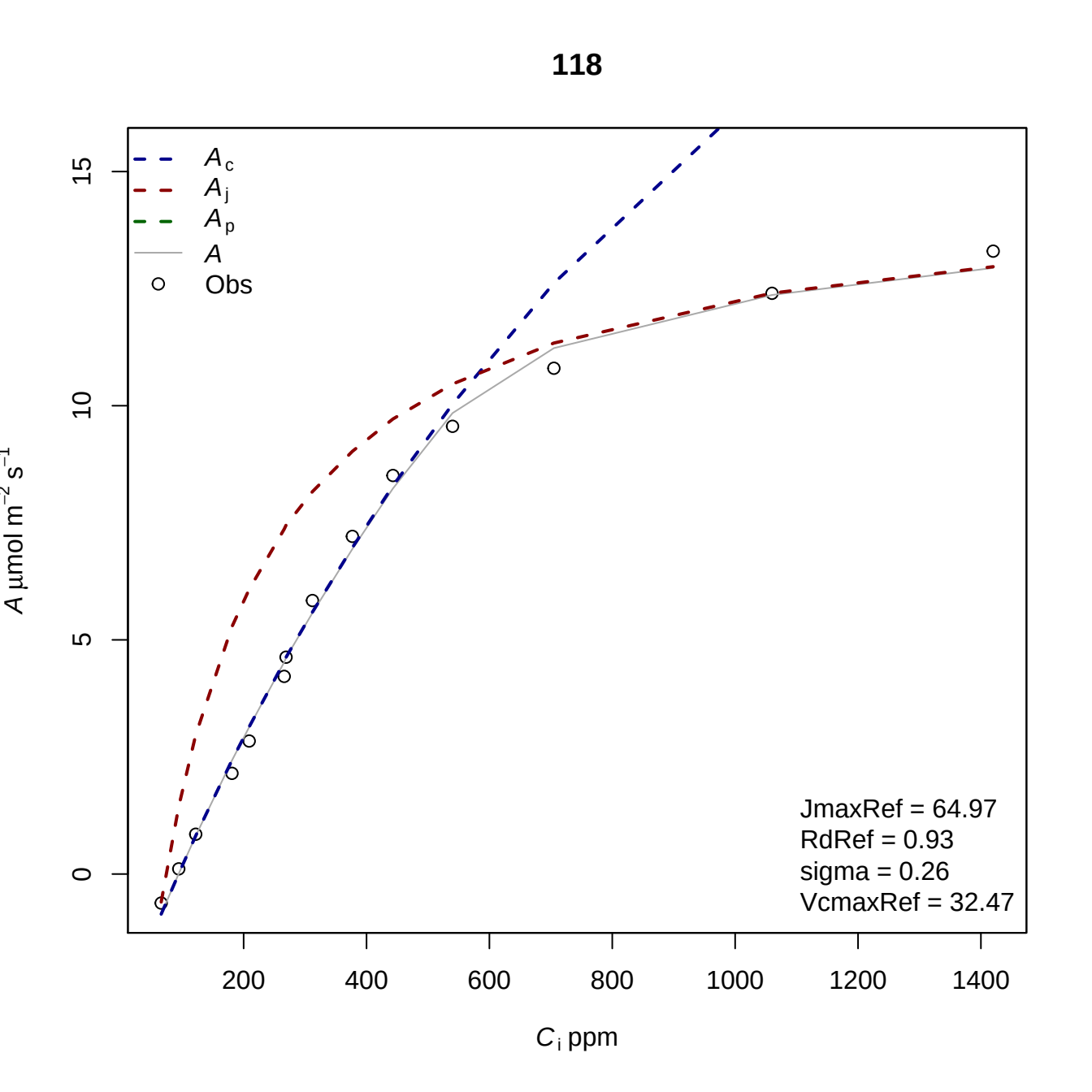

113
A_c
A_j
A_p
A
Obs
JmaxRef = 137.03
RdRef = 2.59
sigma = 0.25
VcmaxRef = 77.62
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
200
400
600
800
1000

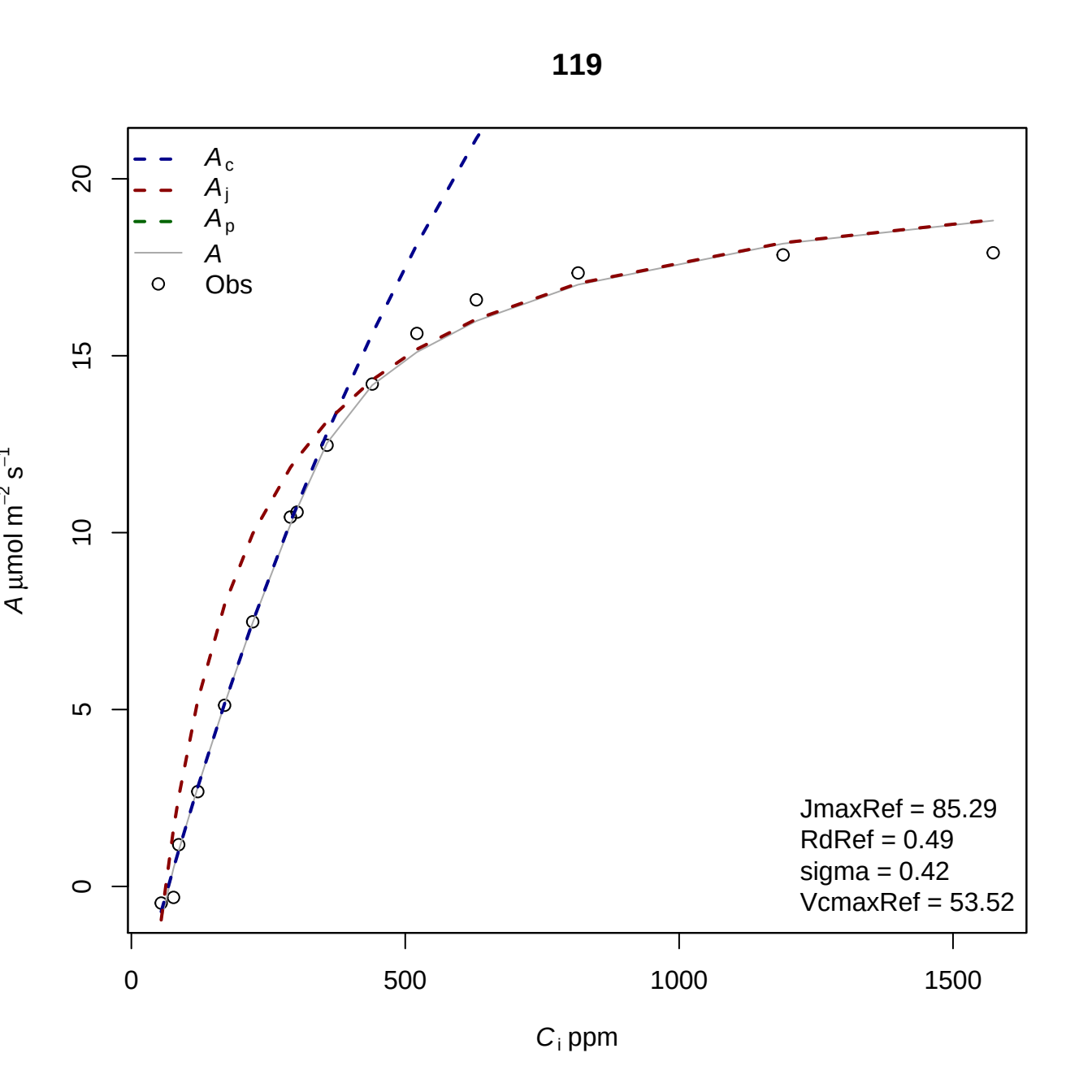

A_c
A_j
A_p
A
Obs
JmaxRef = 84.97
RdRef = 0.66
sigma = 0.3
VcmaxRef = 42.71
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
200
400
600
800
1000
1200
1400

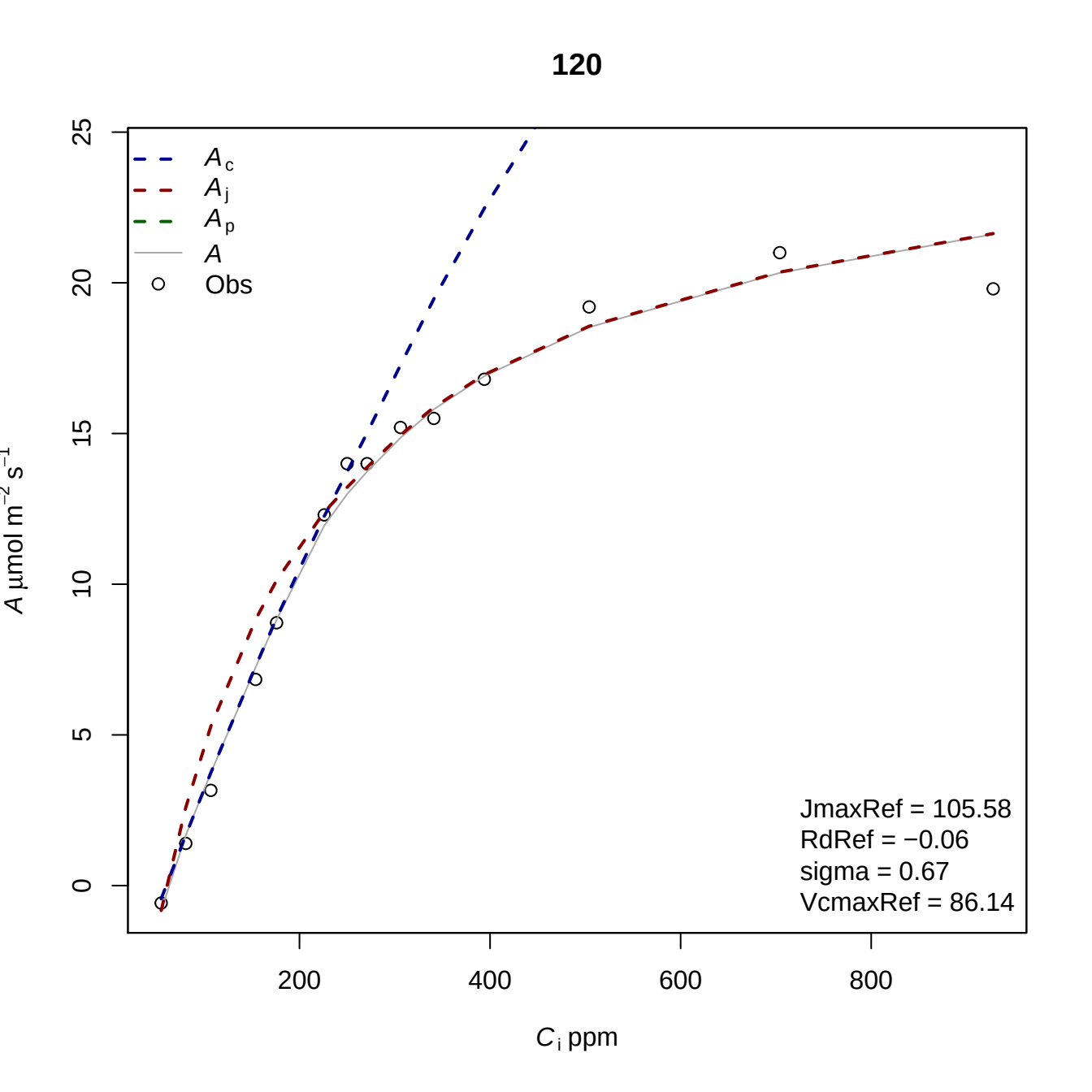

115
A_c
A_j
A_p
A
Obs
JmaxRef = 60.55
RdRef = 0.48
sigma = 0.21
VcmaxRef = 35.69
0
5
10
15
500
1000
1500
A µmol m^{-2} s^{-1}
C_i ppm

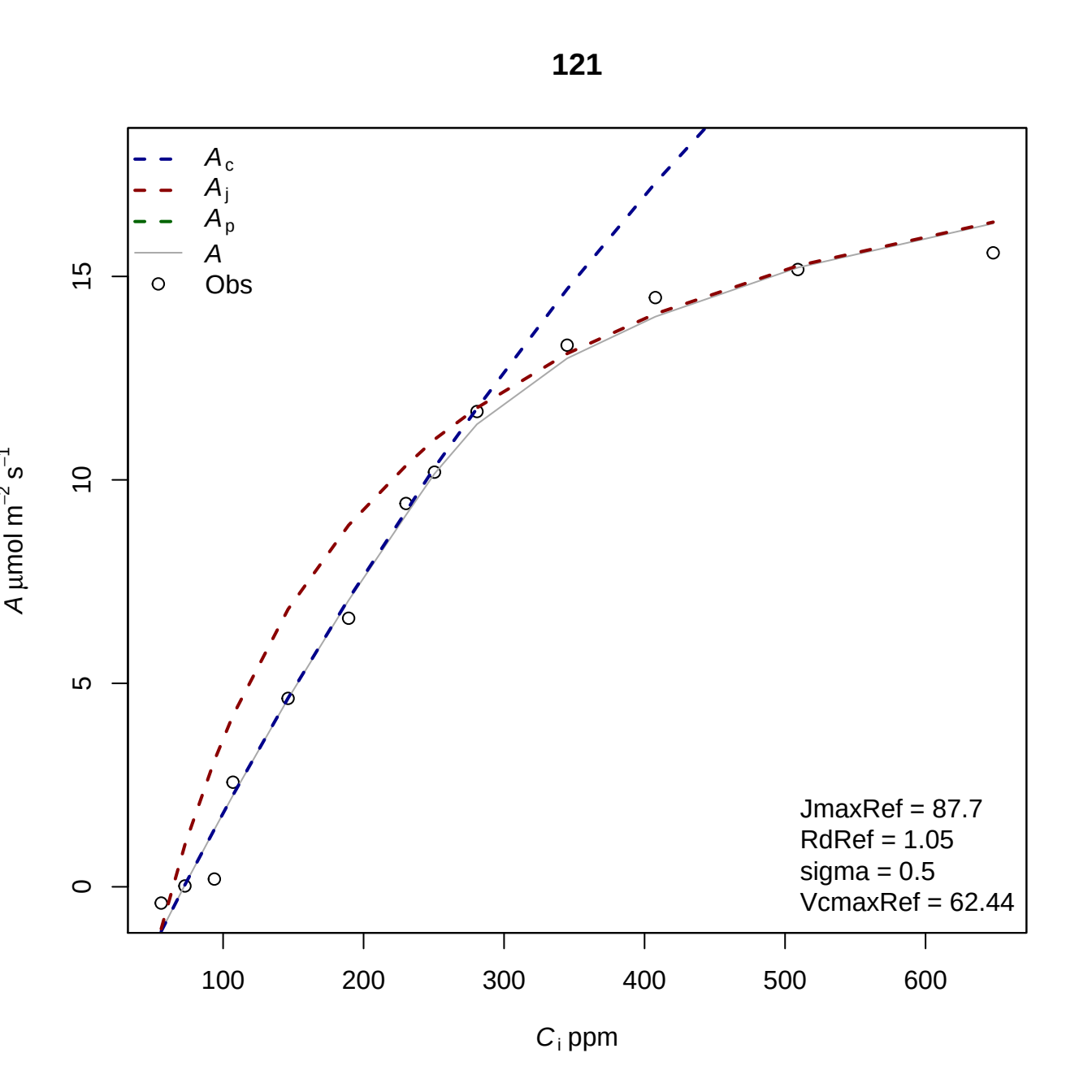

116
A_c
A_j
A_p
A
Obs
JmaxRef = 108.07
RdRef = −0.35
sigma = 0.37
VcmaxRef = 61.09
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
30
0
500
1000
1500

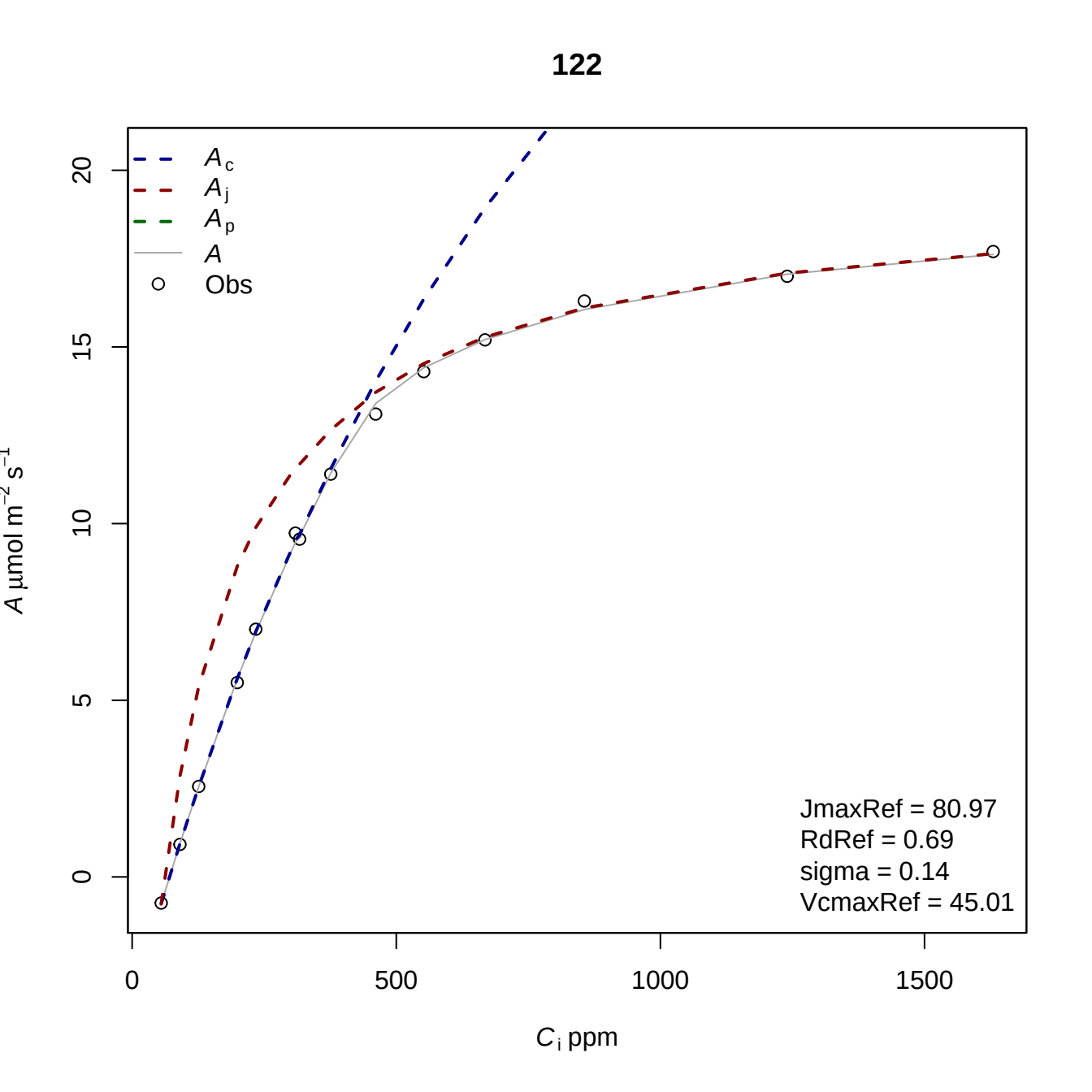

117
A_c
A_j
A_p
A
Obs
JmaxRef = 76.23
RdRef = 0.69
sigma = 0.27
VcmaxRef = 50.14
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500

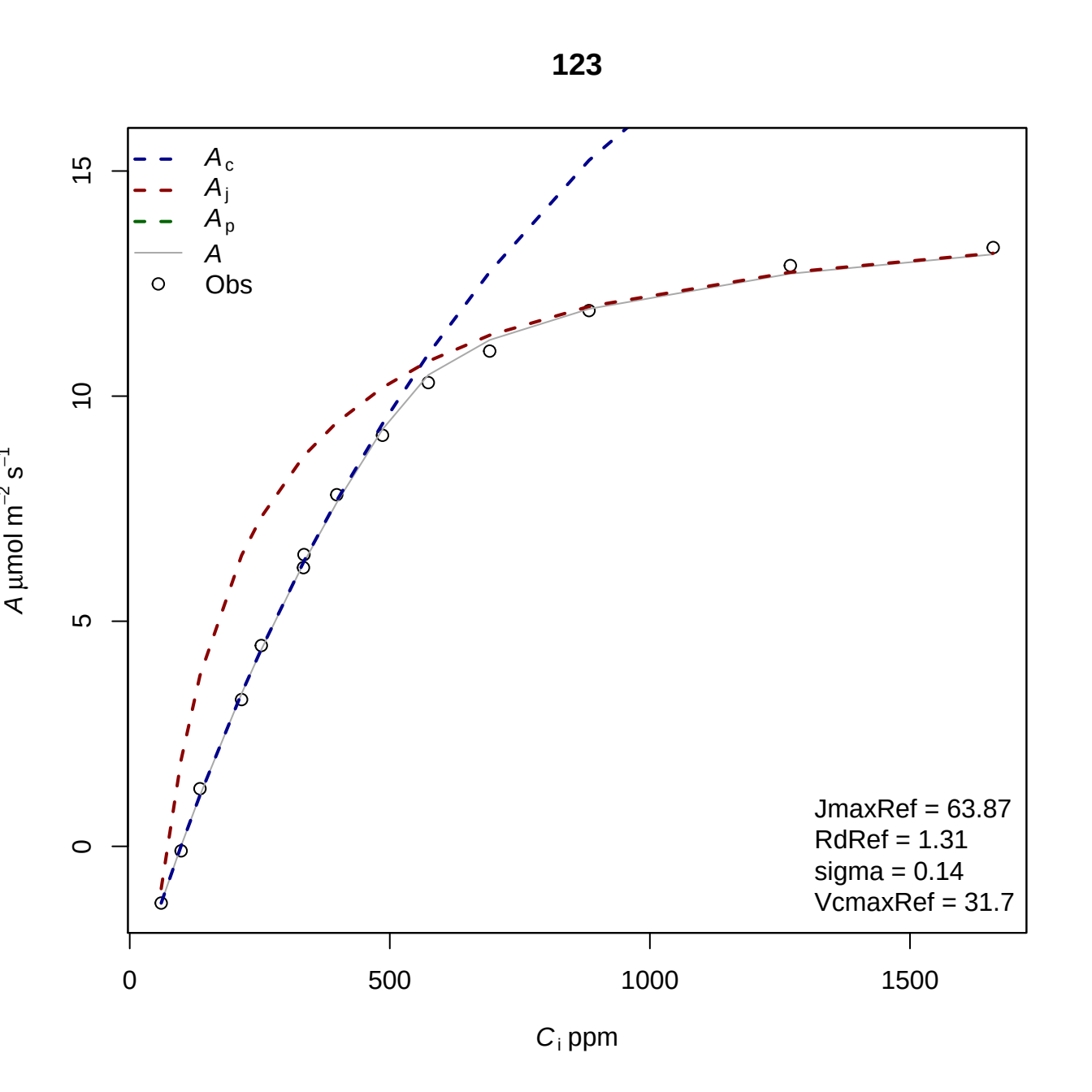

118
A_c
A_j
A_p
A
Obs
JmaxRef = 64.97
RdRef = 0.93
sigma = 0.26
VcmaxRef = 32.47
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
200
400
600
800
1000
1200
1400

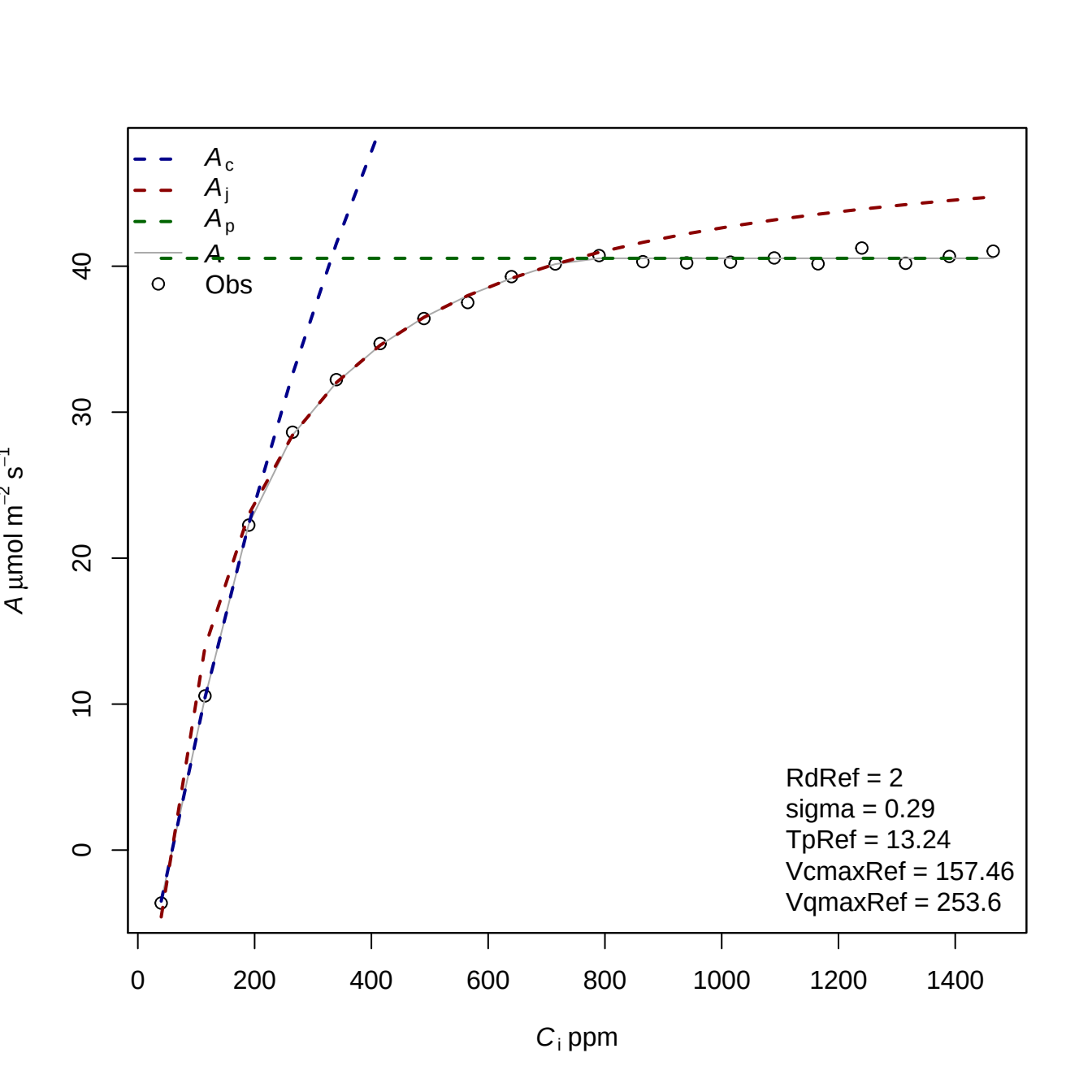

119
A_c
A_j
A_p
A
Obs
JmaxRef = 85.29
RdRef = 0.49
sigma = 0.42
VcmaxRef = 53.52
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
0
500
1000
1500

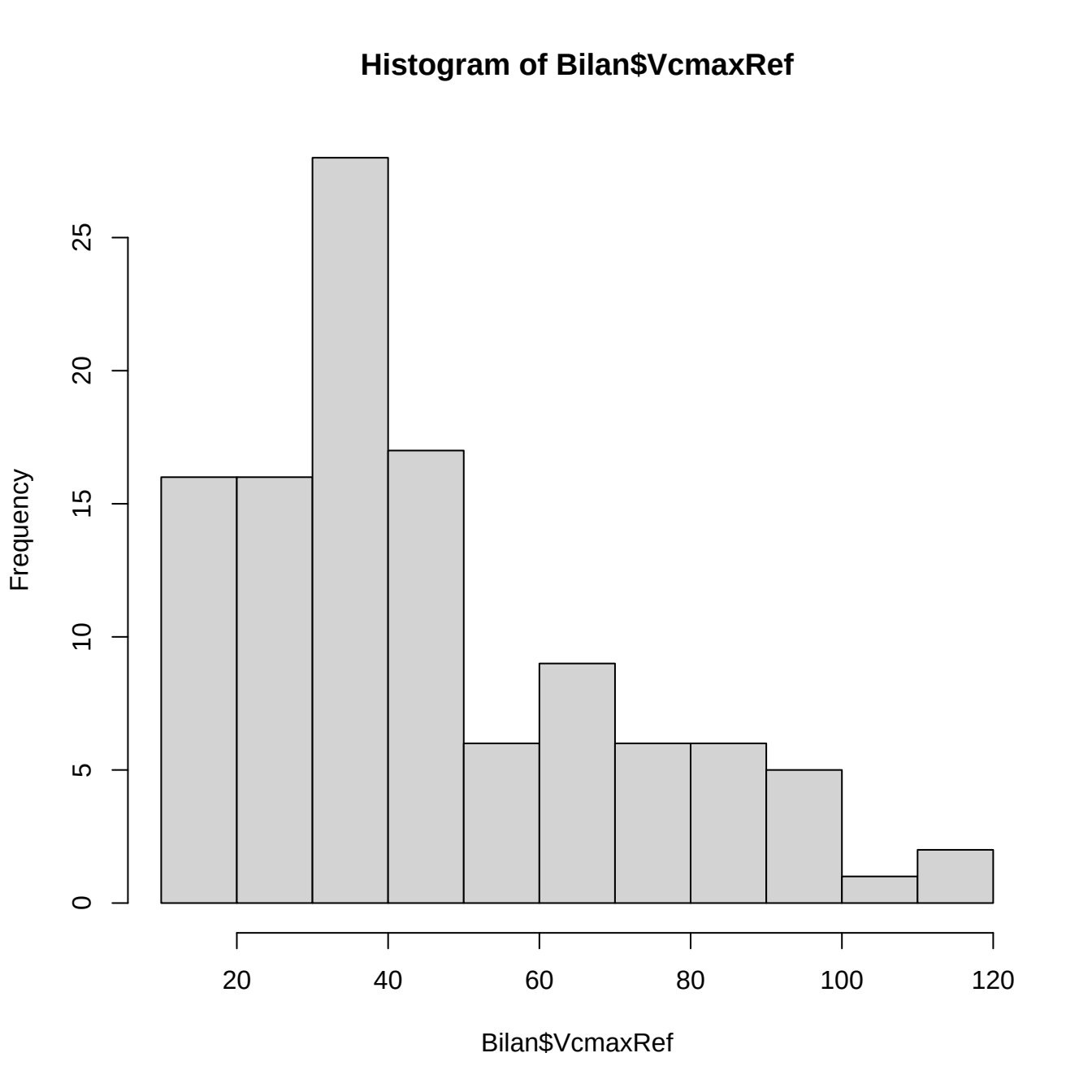

120
A_c
A_j
A_p
A
Obs
JmaxRef = 105.58
RdRef = −0.06
sigma = 0.67
VcmaxRef = 86.14
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
20
25
200
400
600
800

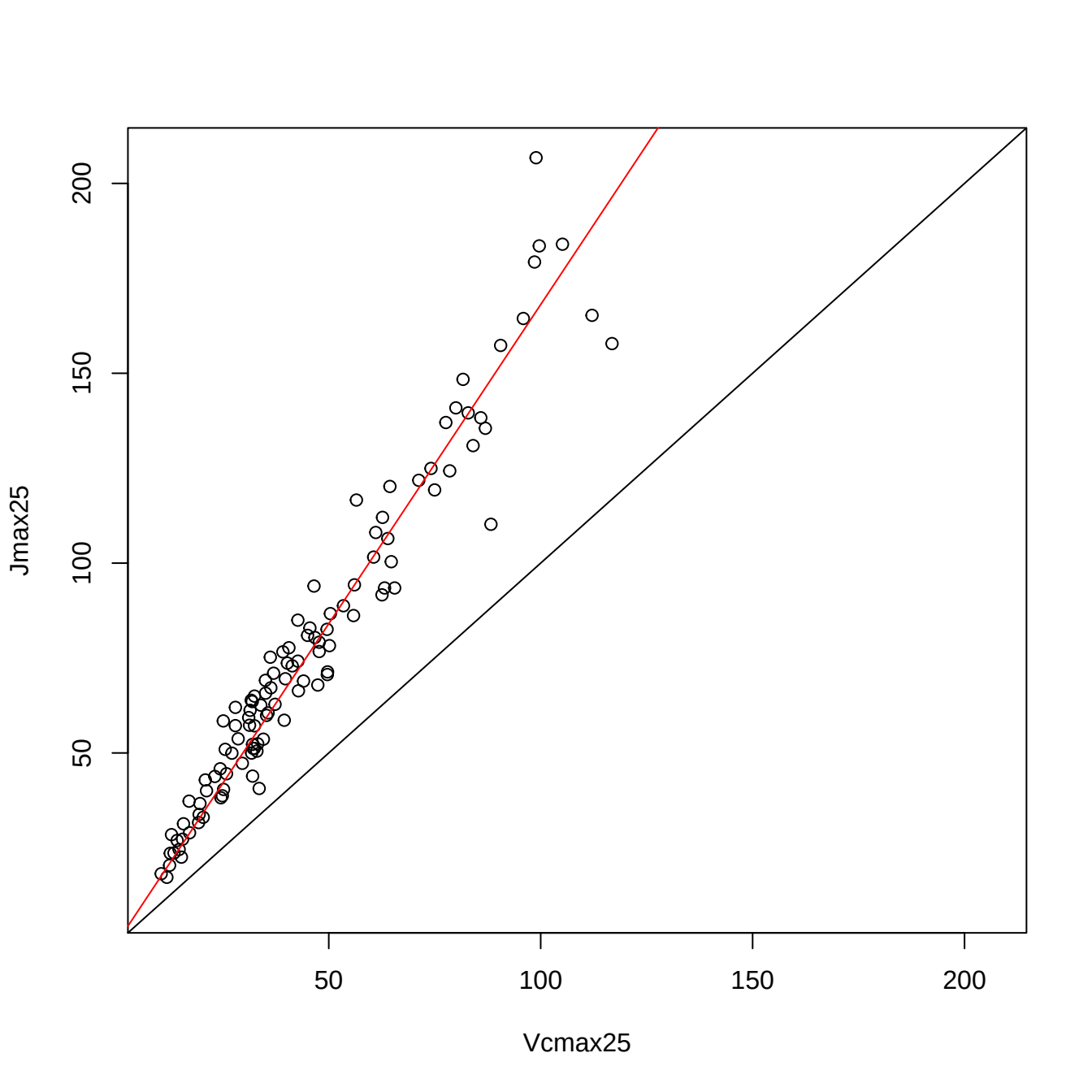

121
A_c
A_j
A_p
A
Obs
JmaxRef = 87.7
RdRef = 1.05
sigma = 0.5
VcmaxRef = 62.44
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
100
200
300
400
500
600

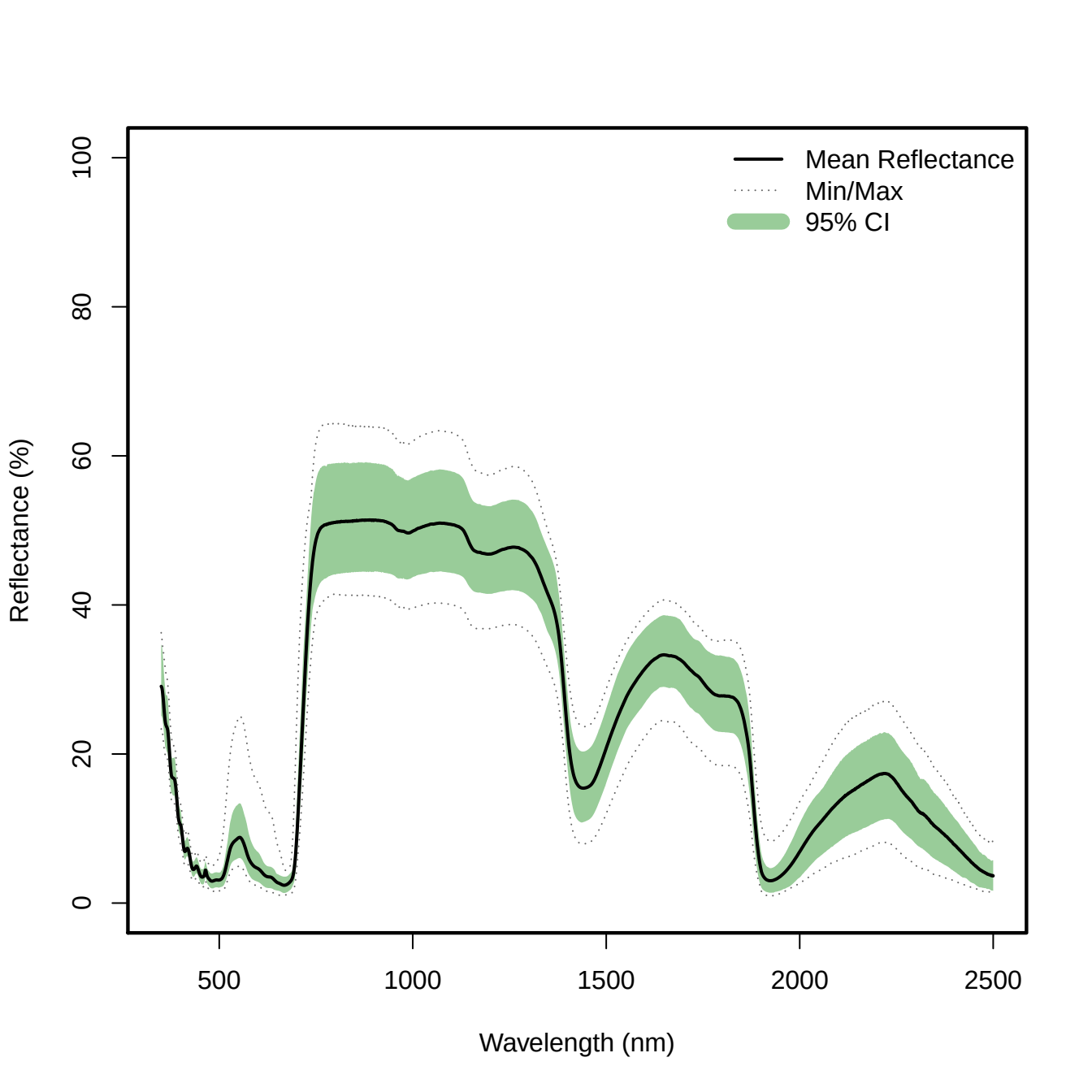

122
A_c
A_j
A_p
A
Obs
JmaxRef = 80.97
RdRef = 0.69
sigma = 0.14
VcmaxRef = 45.01
0
5
10
15
20
0
500
1000
1500
A µmol m^{-2} s^{-1}
C_i ppm


123
A_c
A_j
A_p
A
Obs
JmaxRef = 63.87
RdRef = 1.31
sigma = 0.14
VcmaxRef = 31.7
A µmol m^{-2} s^{-1}
C_i ppm
0
5
10
15
0
500
1000
1500


A_c
A_j
A_p
A
Obs
RdRef = 2
sigma = 0.29
TpRef = 13.24
VcmaxRef = 157.46
VqmaxRef = 253.6
A µmol m^{-2} s^{-1}
C_i ppm
0
10
20
30
40
0
200
400
600
800
1000
1200
1400


Histogram of Bilan$VcmaxRef
Frequency
0
5
10
15
20
25
20
40
60
80
100
120
Bilan$VcmaxRef


Jmax25
Vcmax25
50
100
150
200
50
100
150
200


Mean Reflectance
Min/Max
95% CI
Reflectance (%)
0
20
40
60
80
100
500
1000
1500
2000
2500
Wavelength (nm)