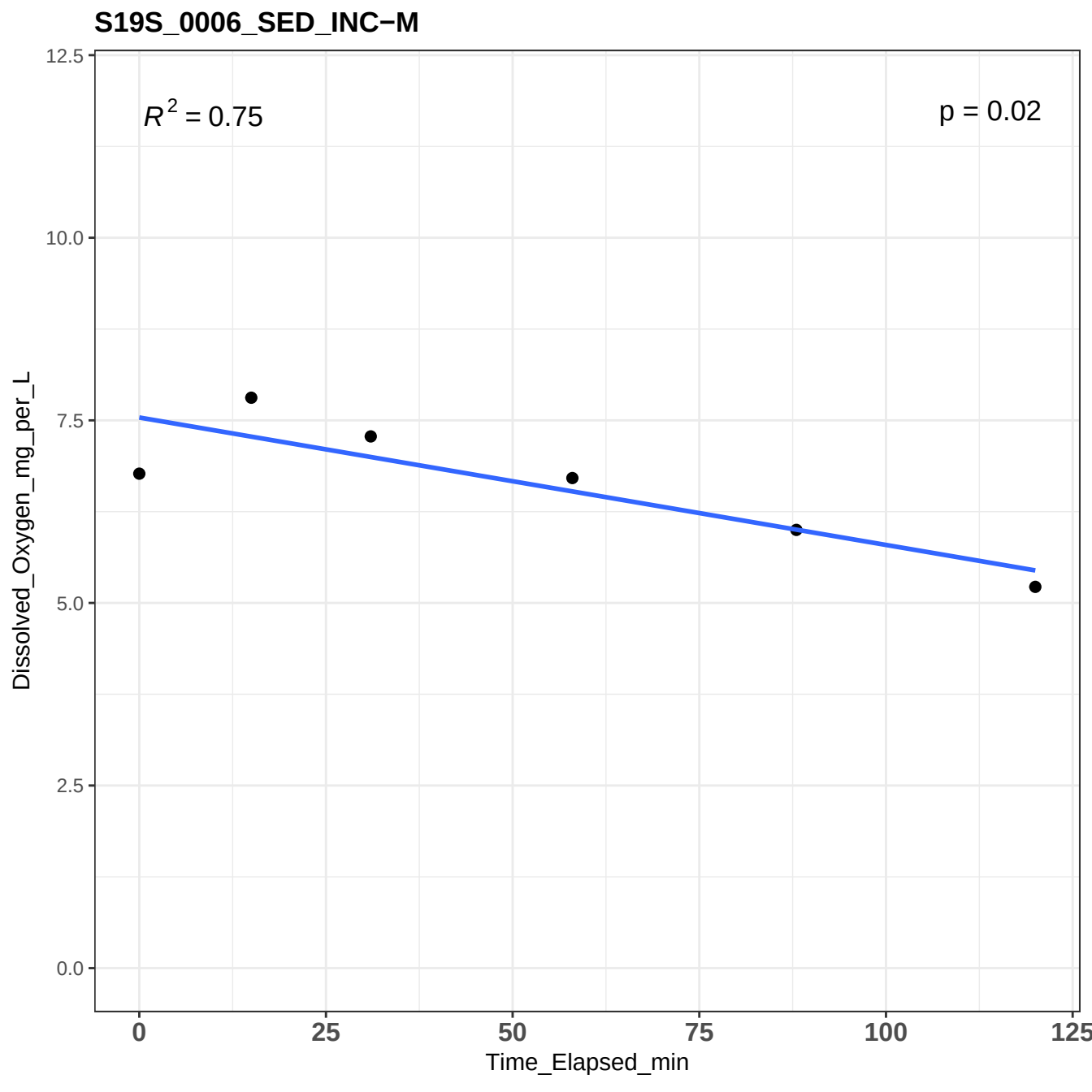
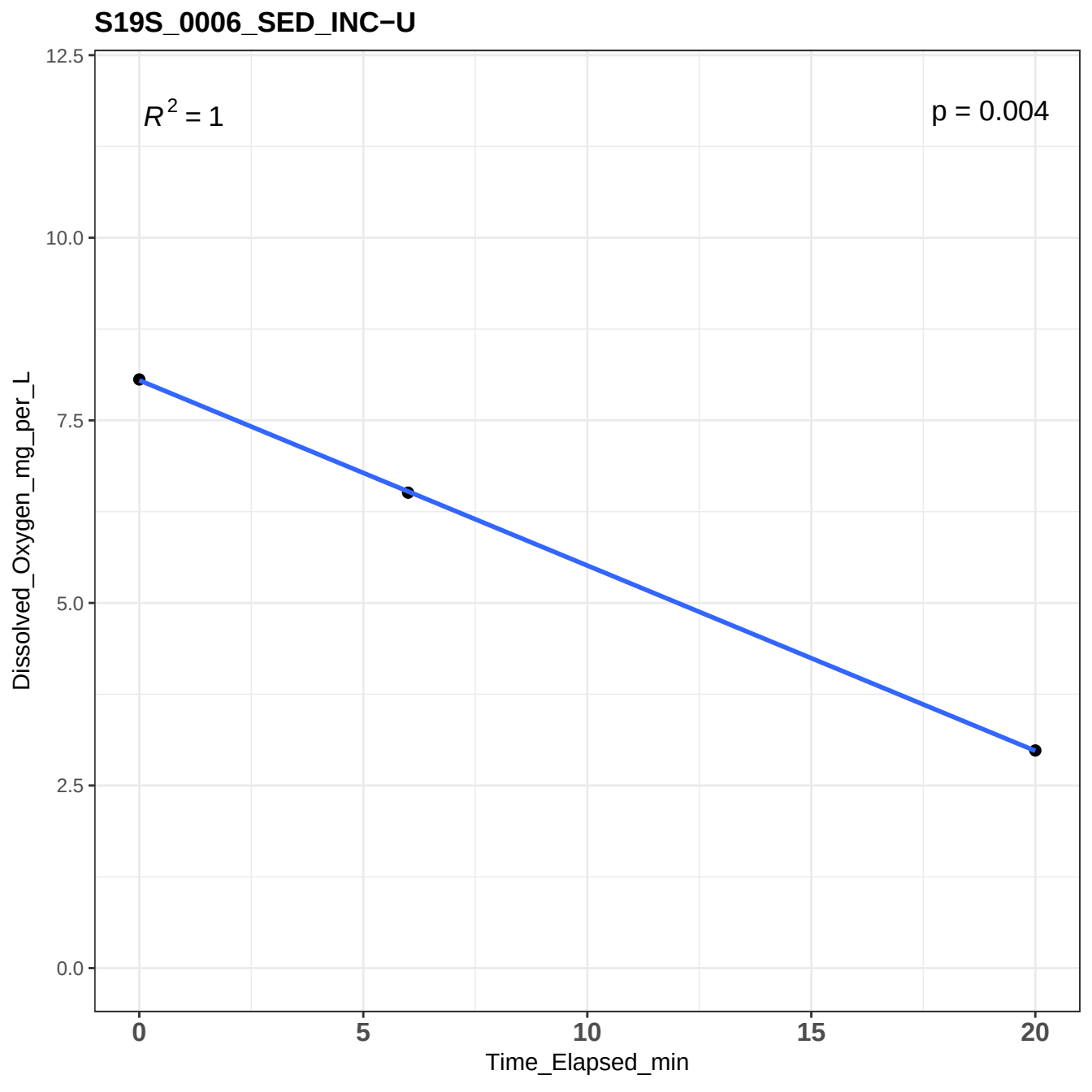
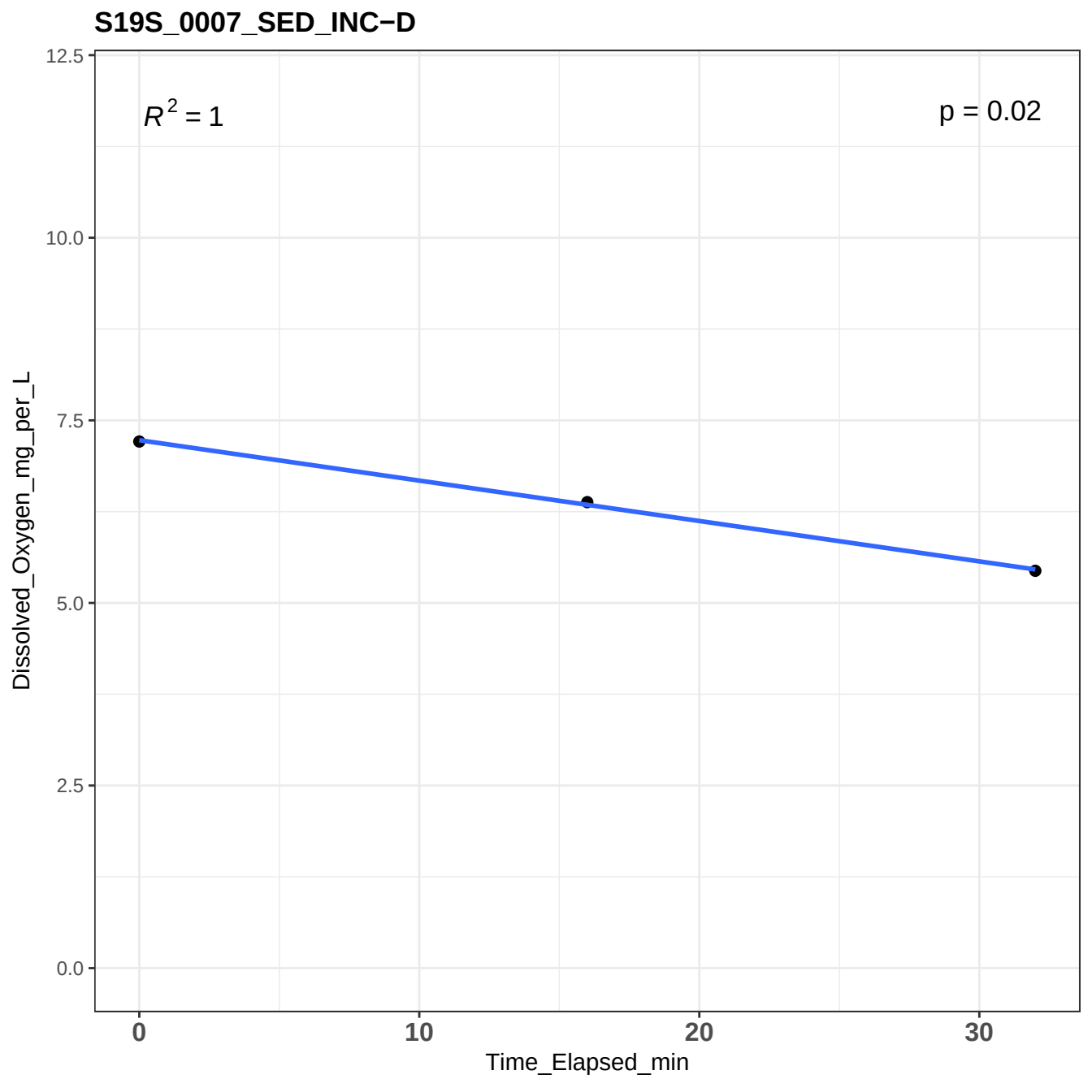
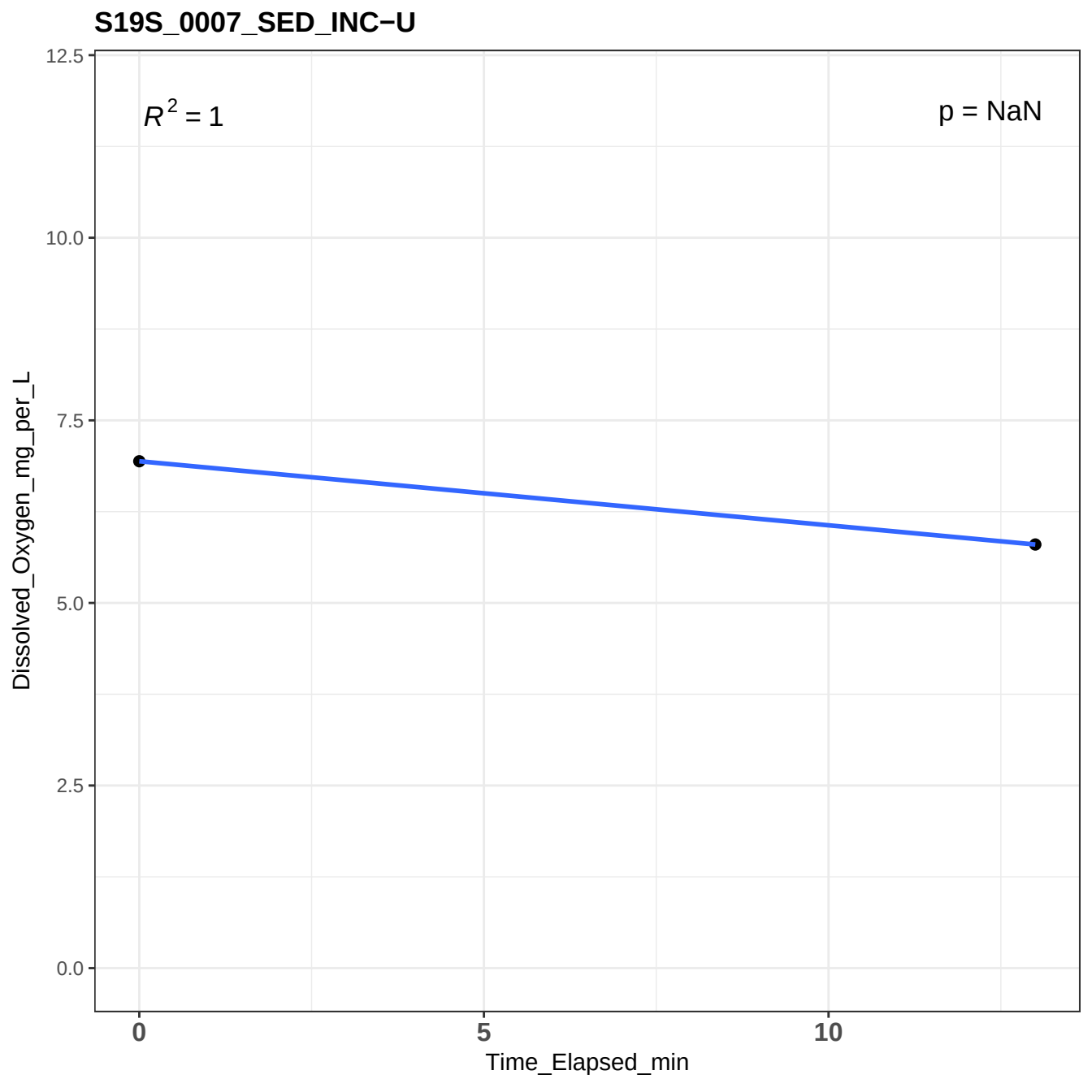
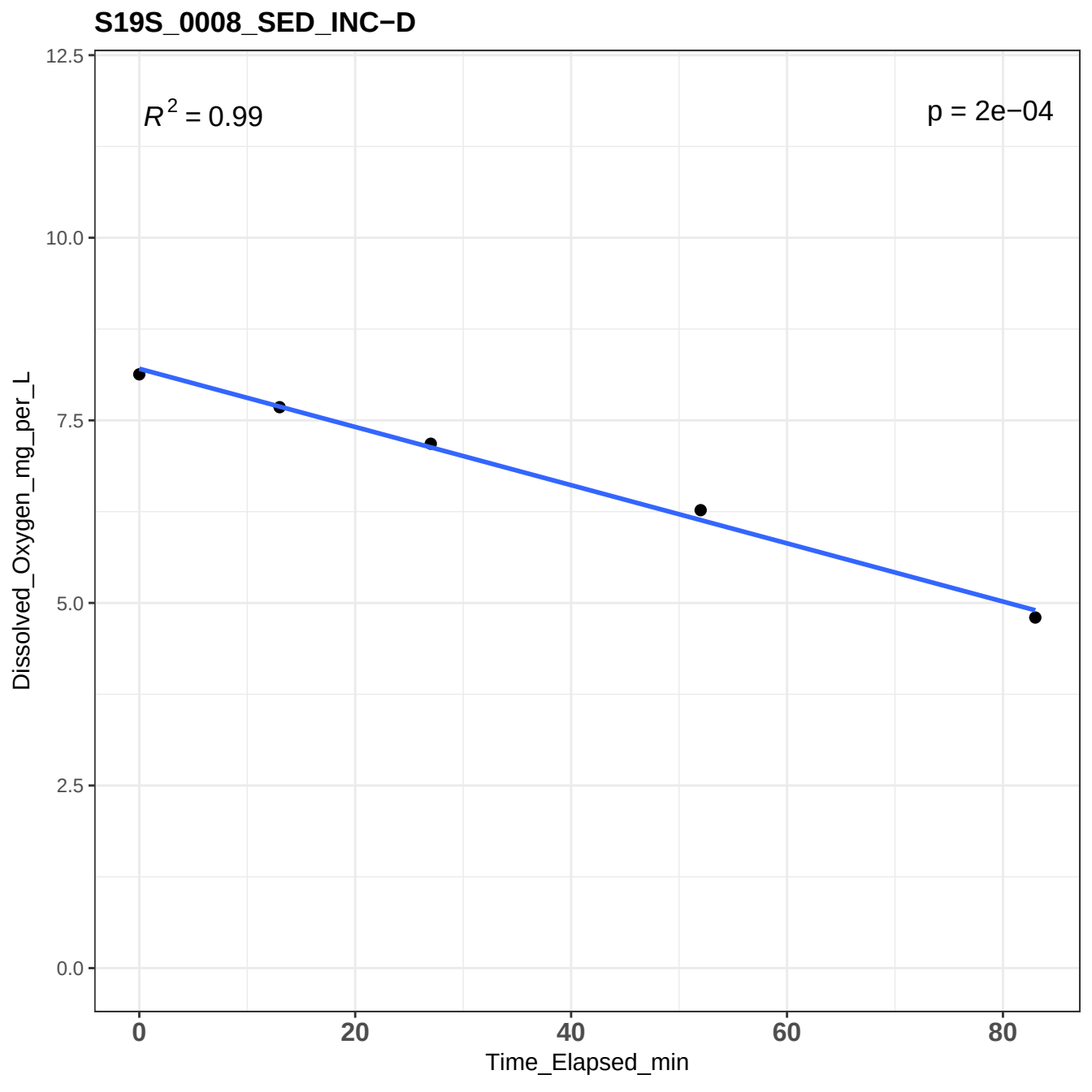
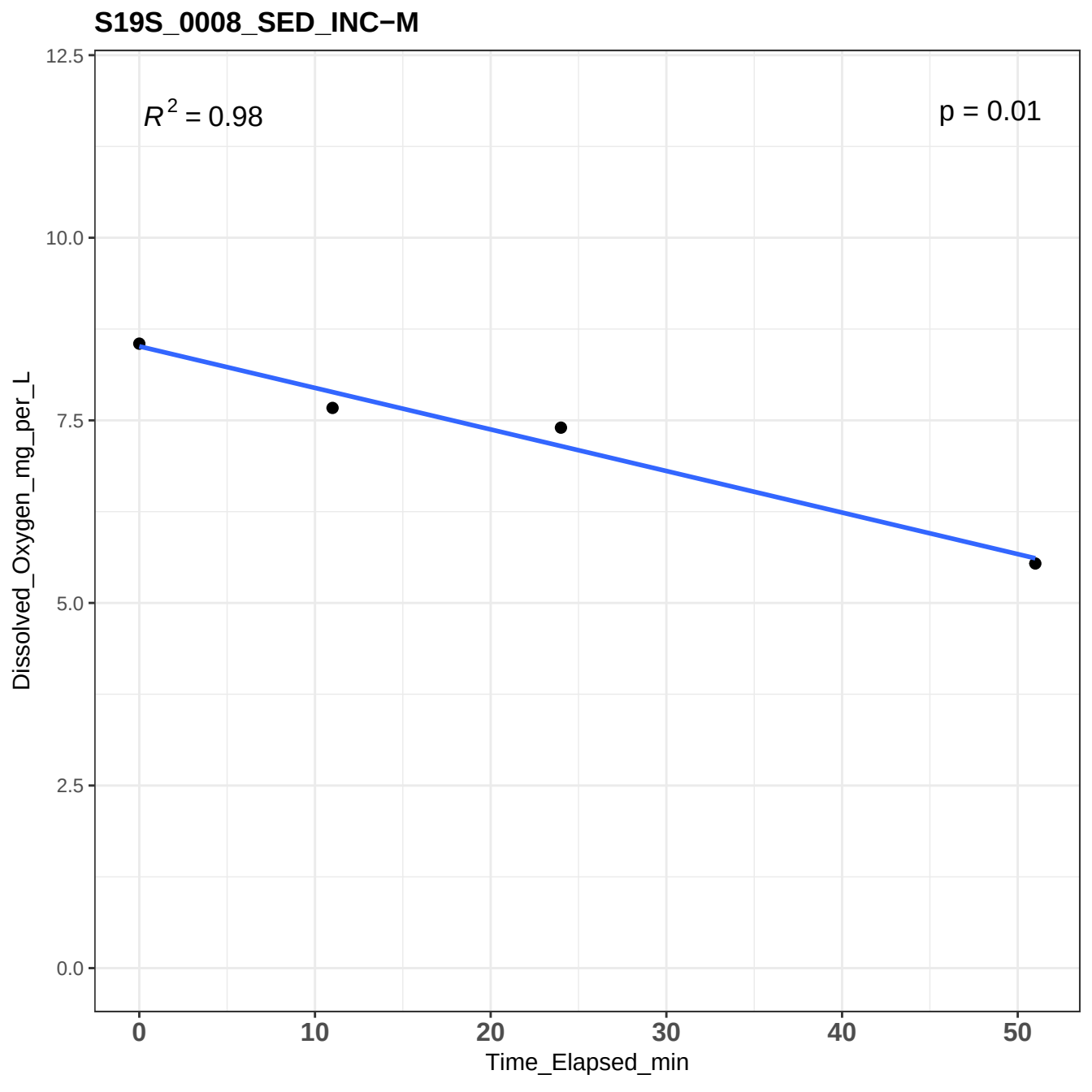

S19S_0006_SED_INC−M
R^2 = 0.75
p = 0.02
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
125
Time_Elapsed_min

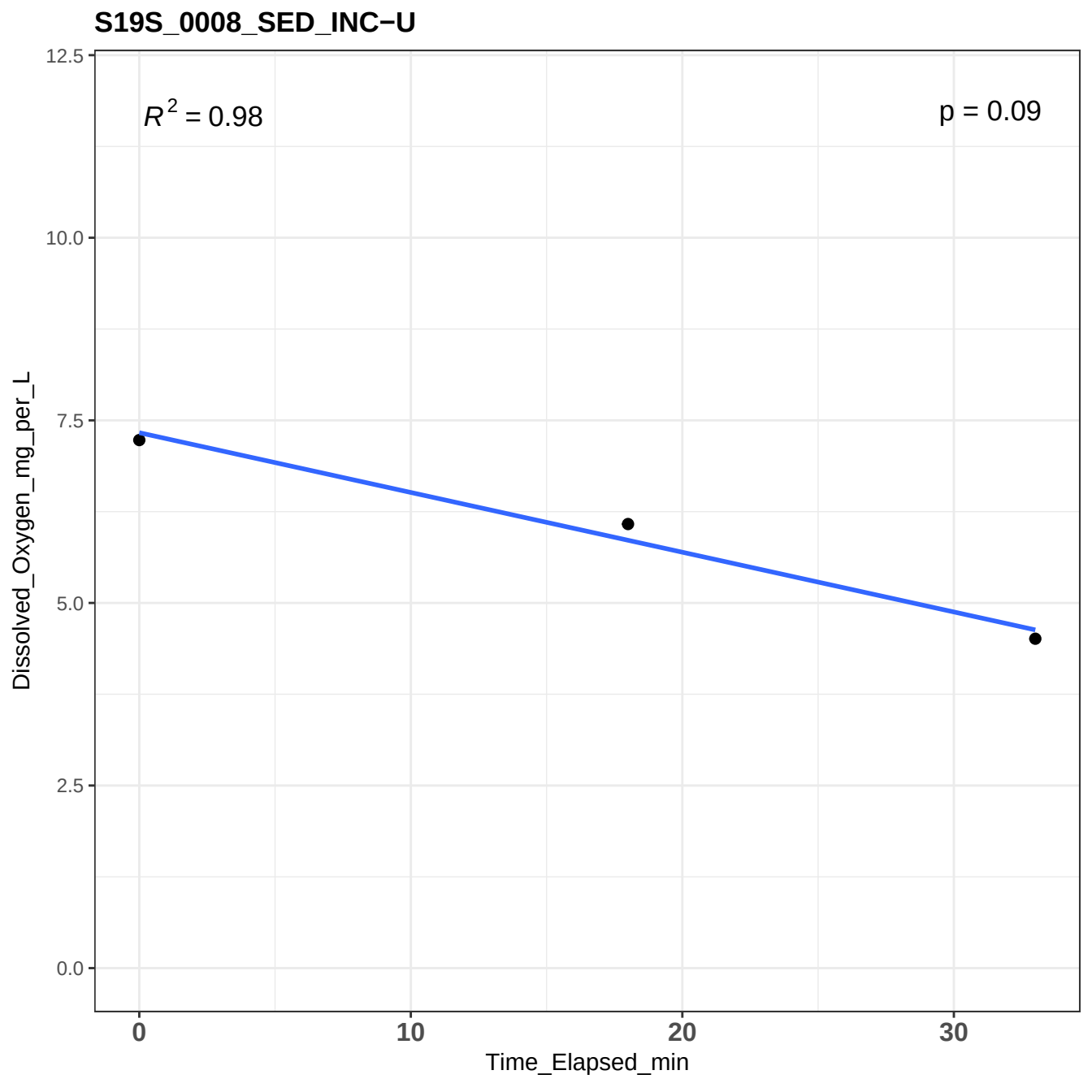

S19S_0006_SED_INC−U
$R^2 = 1$
p = 0.004
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
5
10
15
20
Time_Elapsed_min

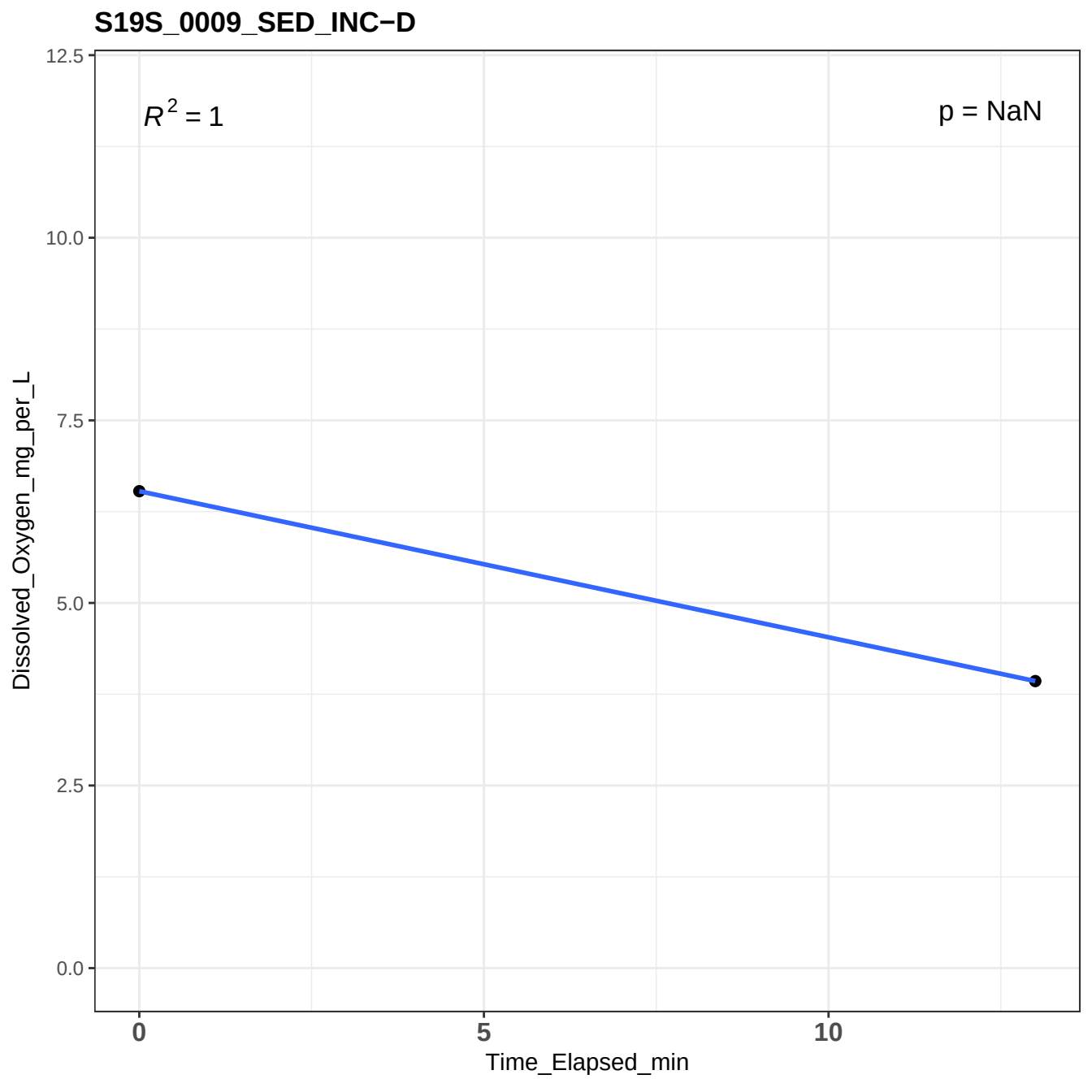

S19S_0007_SED_INC−D
$R^2 = 1$
p = 0.02
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
30
Time_Elapsed_min

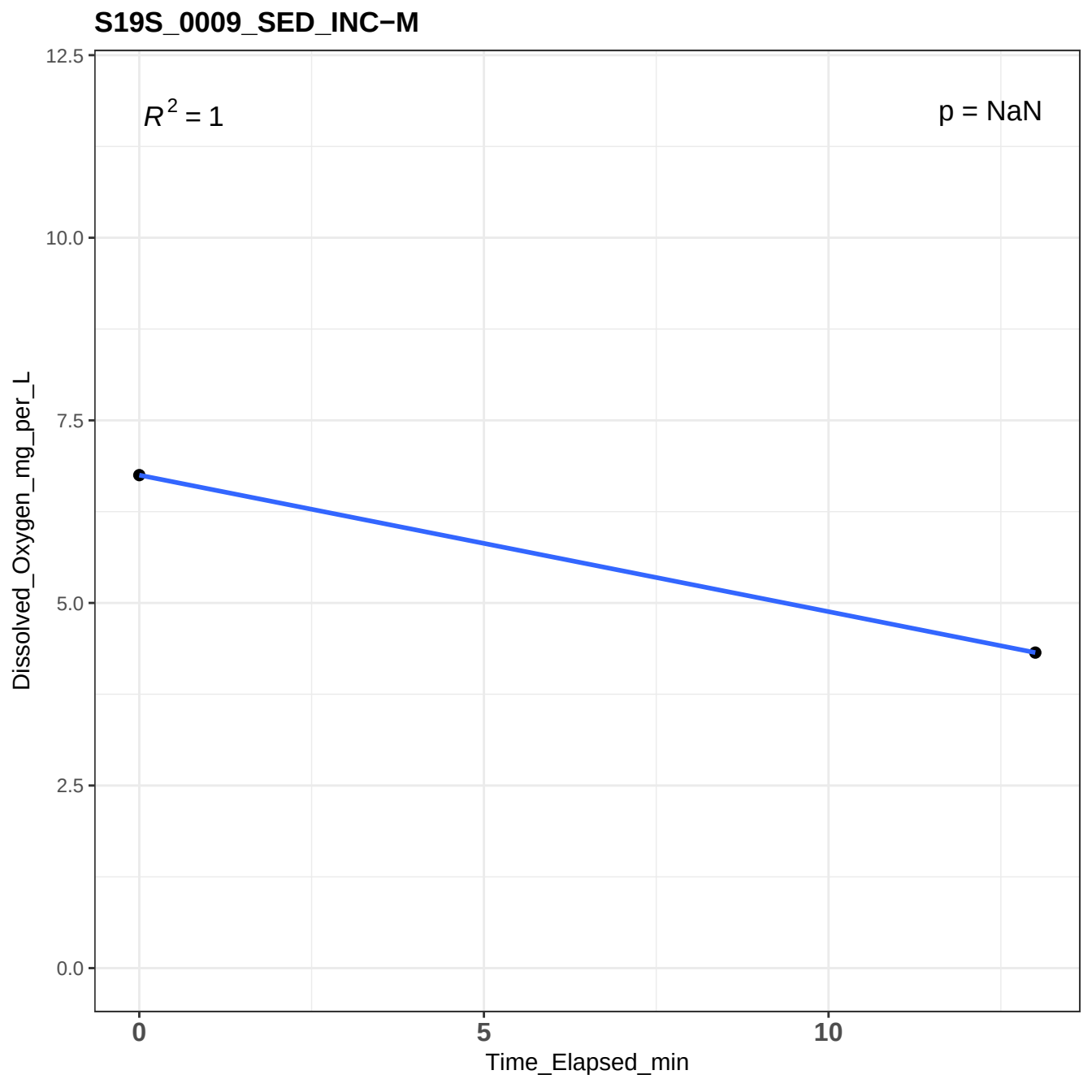

S19S_0007_SED_INC−U
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
Time_Elapsed_min

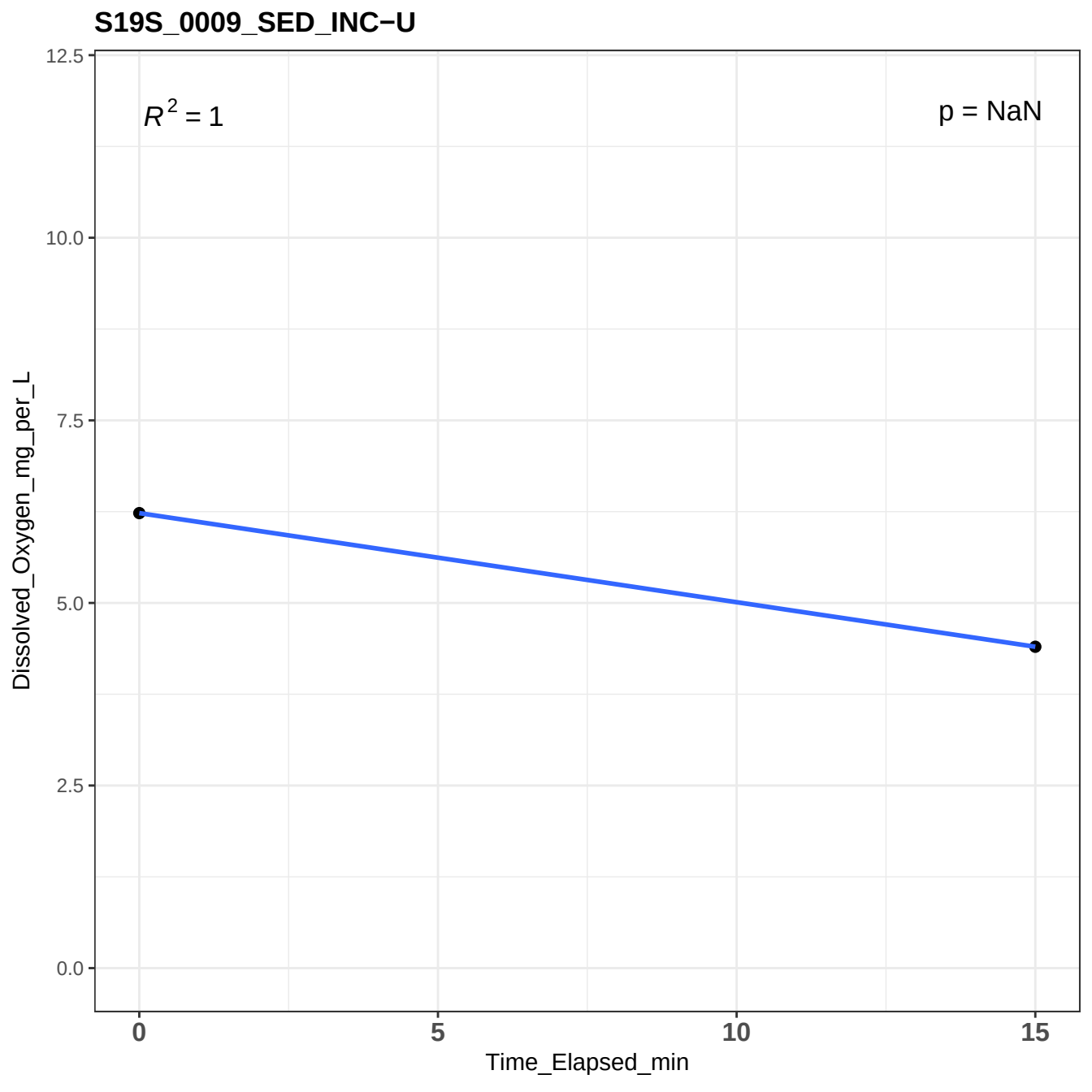

S19S_0008_SED_INC−D
R^2 = 0.99
p = 2e−04
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
20
40
60
80
Time_Elapsed_min

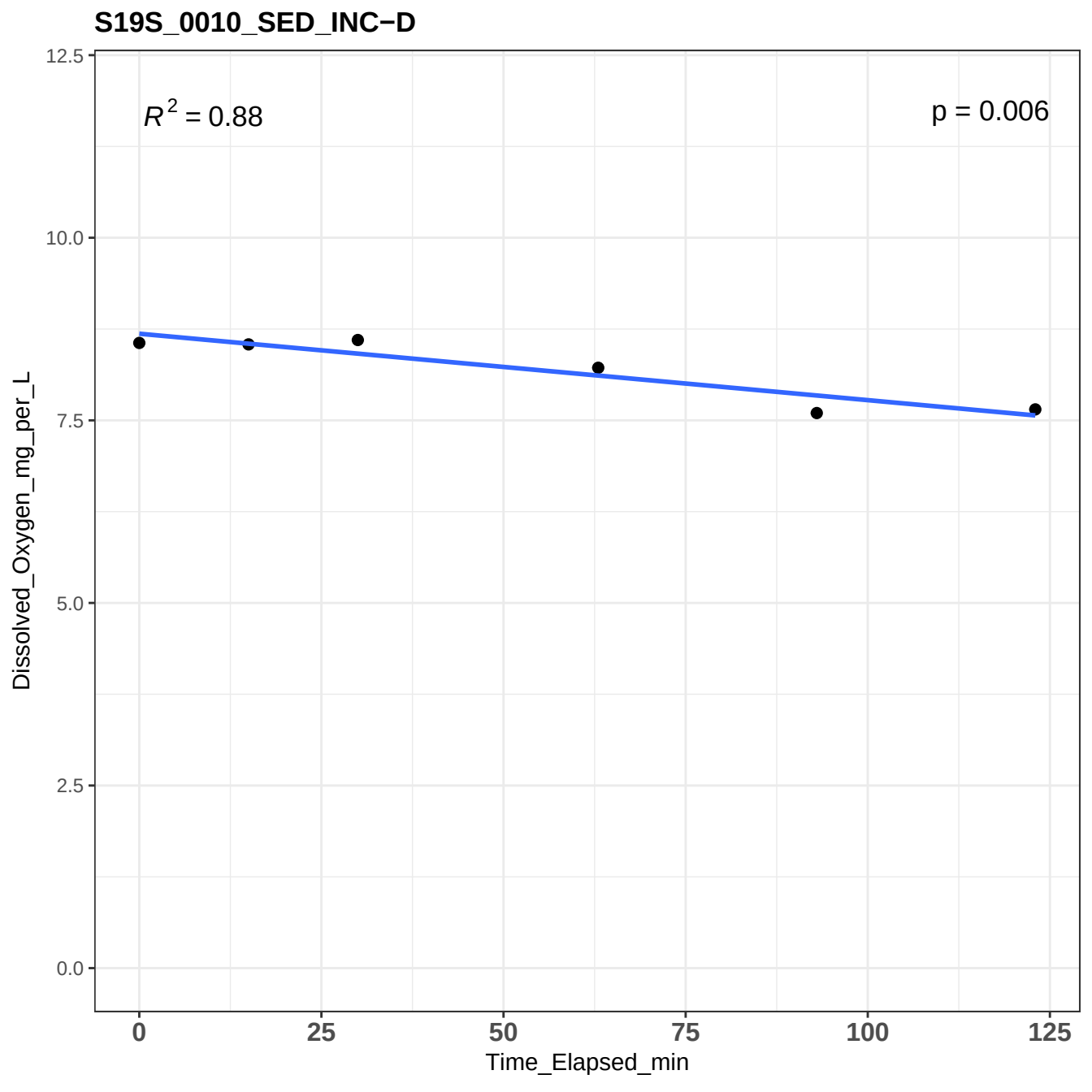

S19S_0008_SED_INC−M
R^2 = 0.98
p = 0.01
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
40
50
Time_Elapsed_min

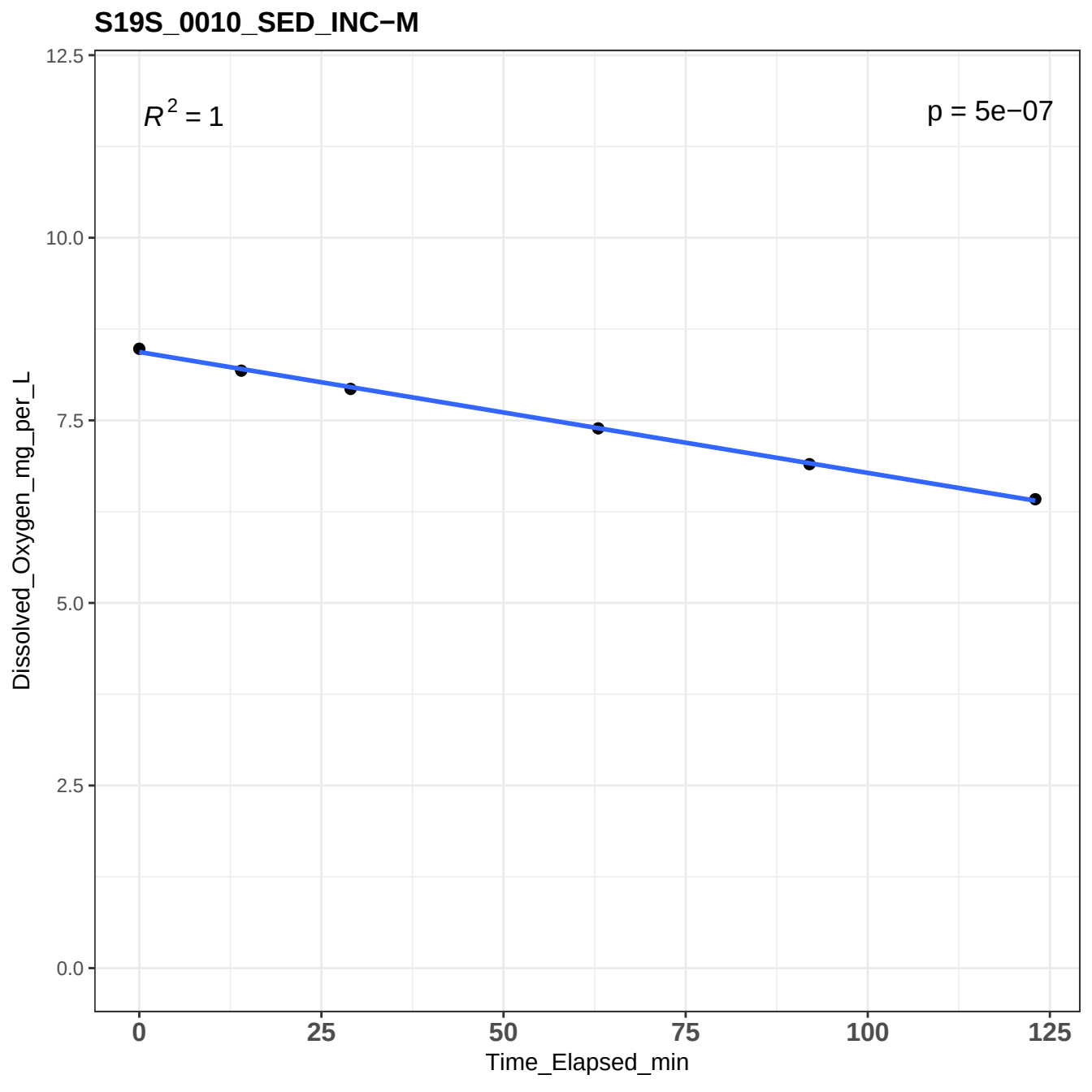

S19S_0008_SED_INC−U
R^2 = 0.98
p = 0.09
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
Time_Elapsed_min

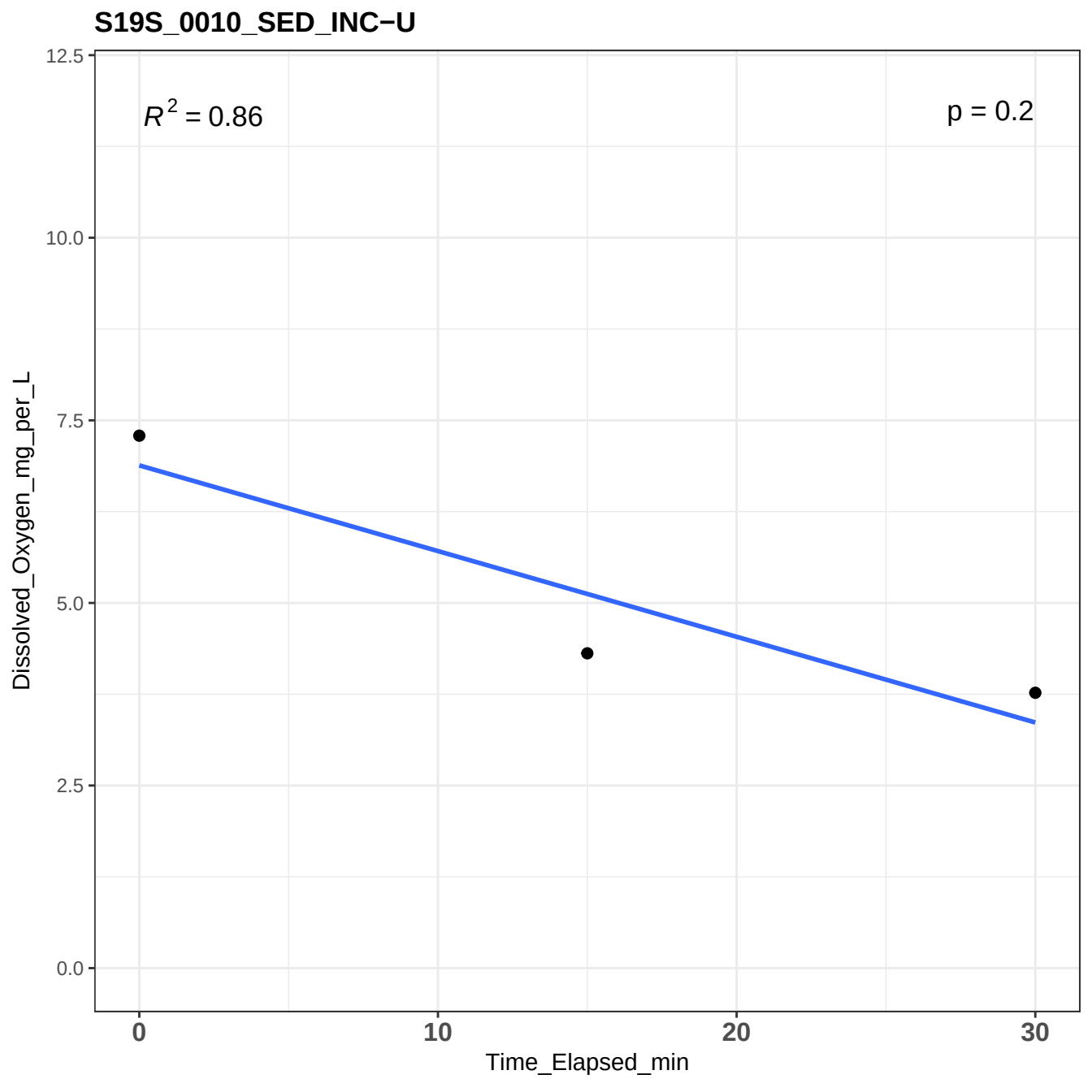

S19S_0009_SED_INC−D
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
Time_Elapsed_min

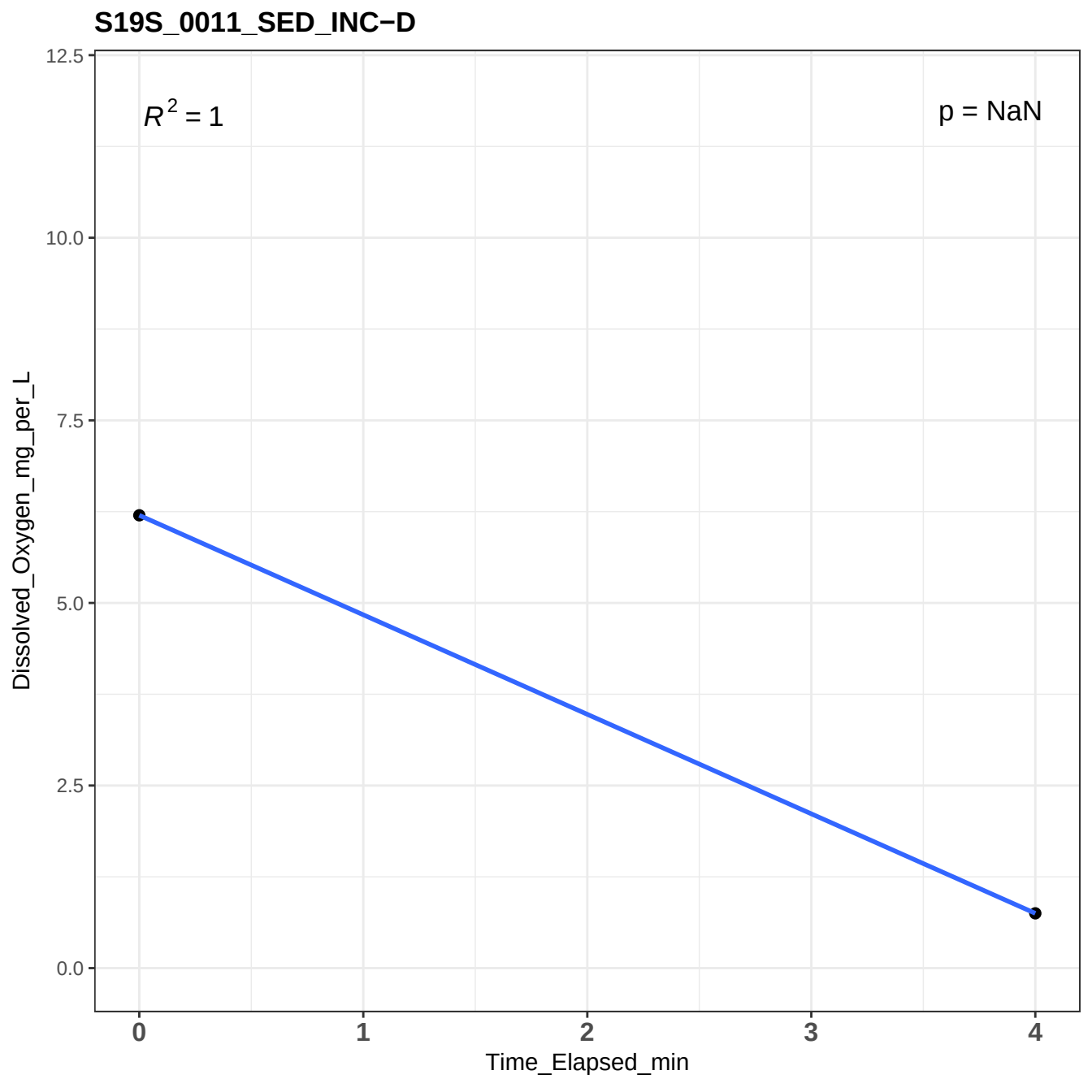

S19S_0009_SED_INC−M
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
Time_Elapsed_min

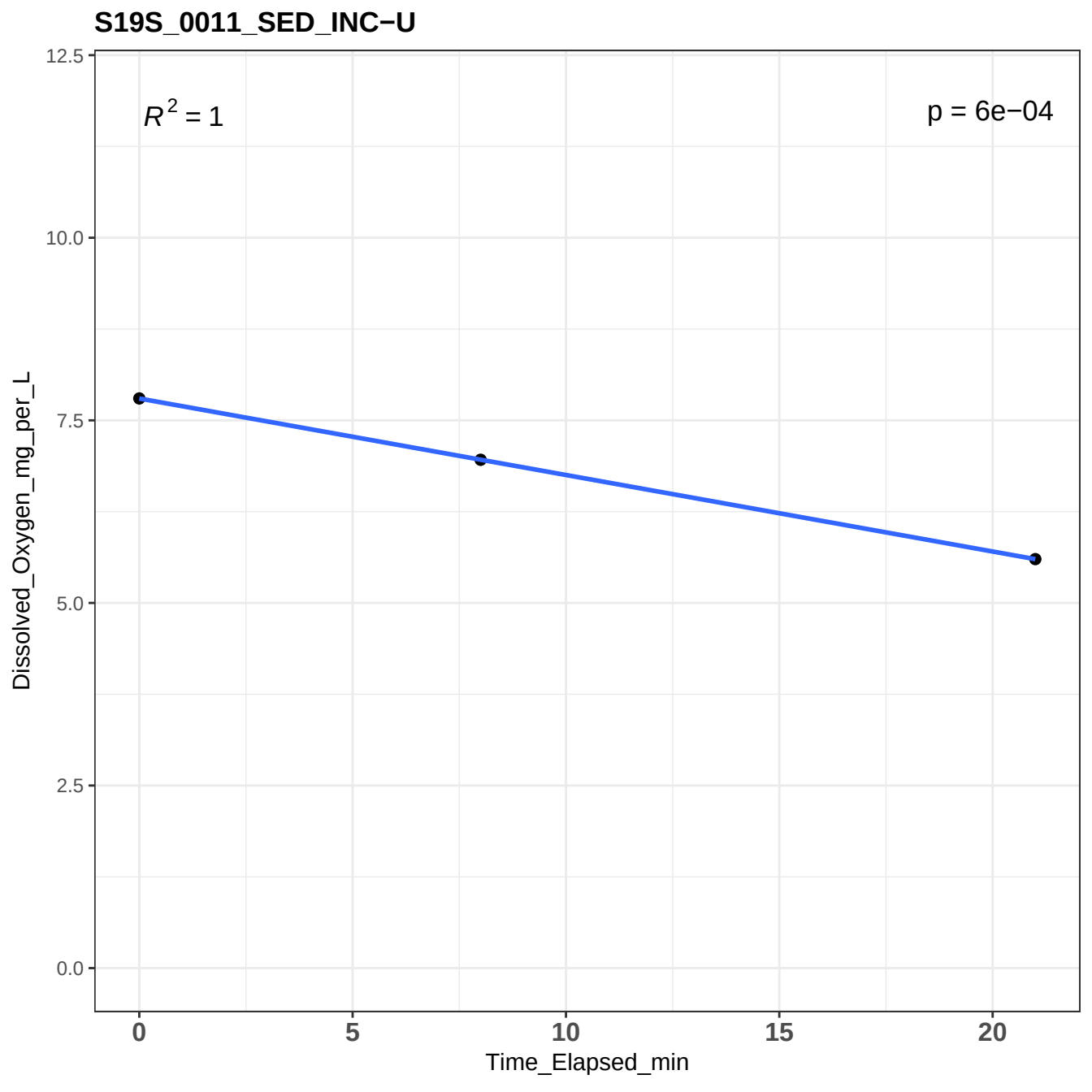

S19S_0009_SED_INC−U
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
15
Time_Elapsed_min

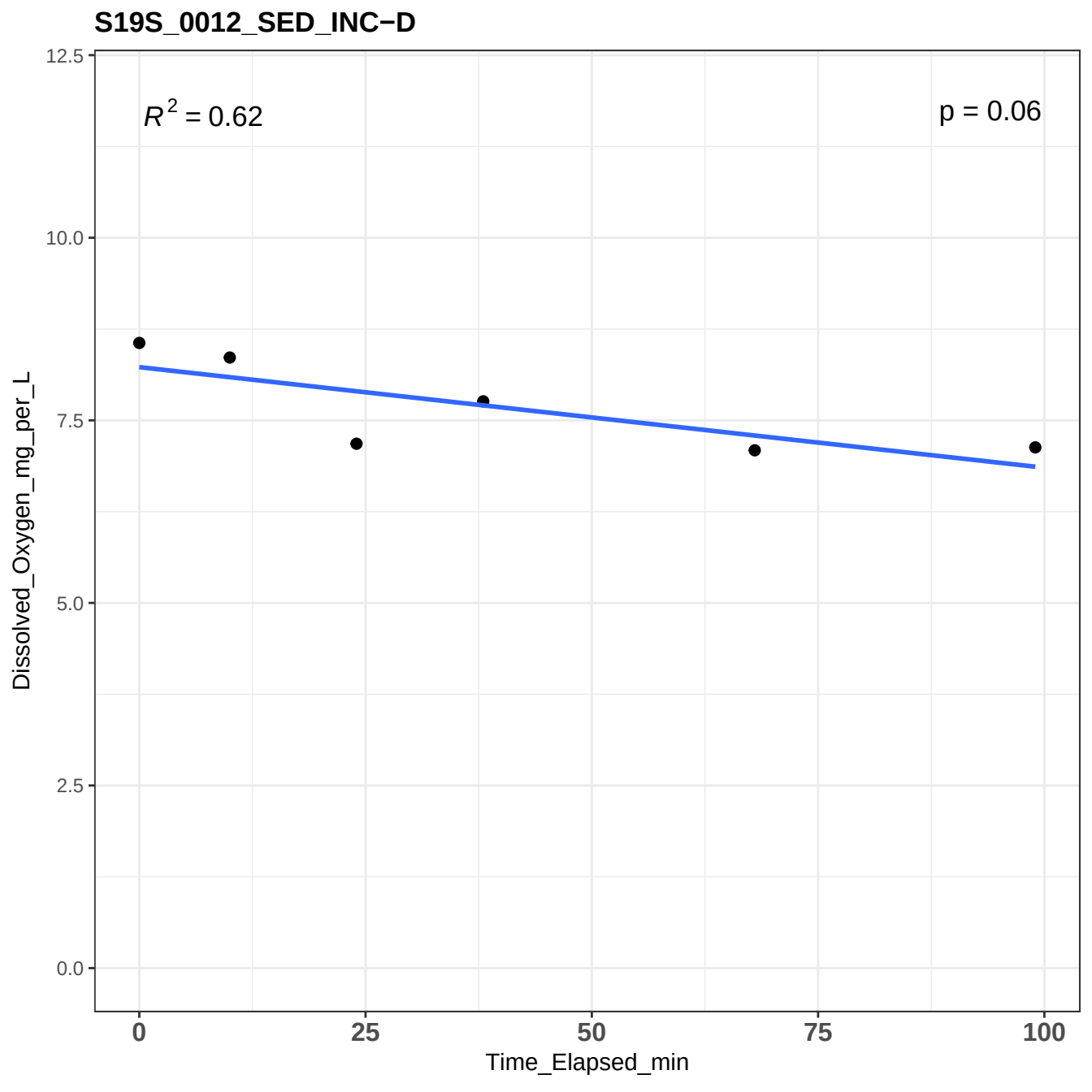

S19S_0010_SED_INC−D
R^2 = 0.88
p = 0.006
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
125
Time_Elapsed_min

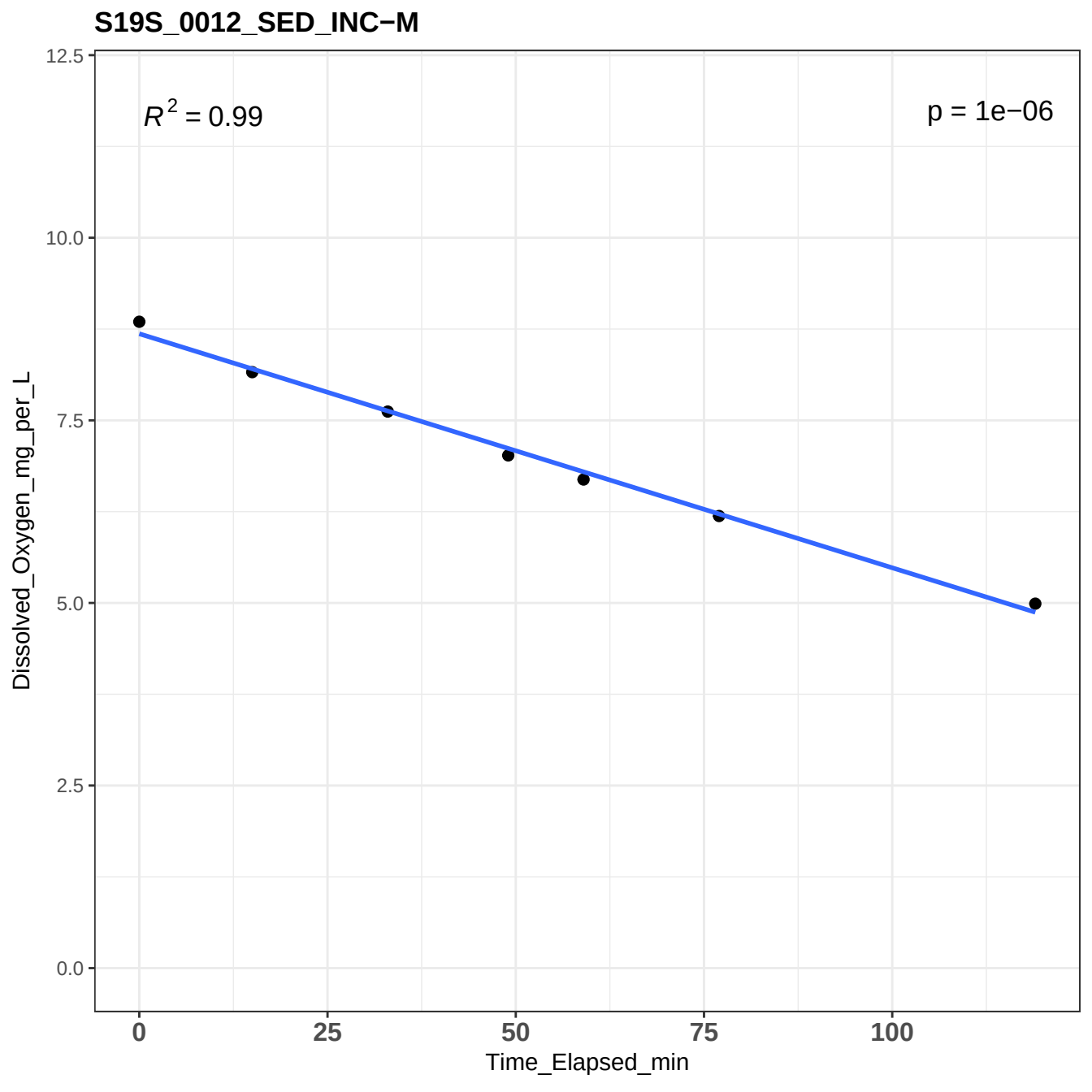

S19S_0010_SED_INC−M
$R^2 = 1$
p = 5e−07
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
125
Time_Elapsed_min

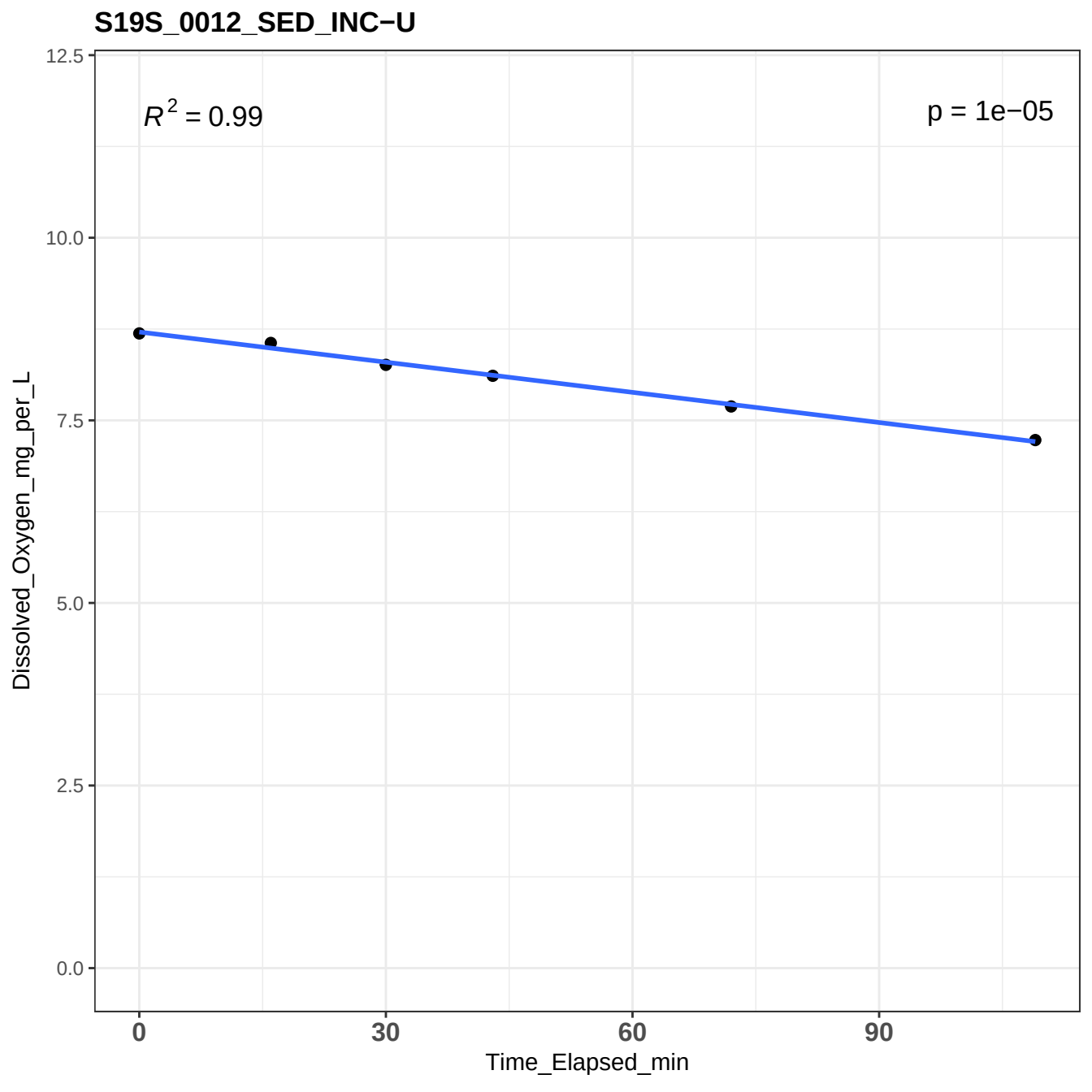

S19S_0010_SED_INC−U
R^2 = 0.86
p = 0.2
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
Time_Elapsed_min

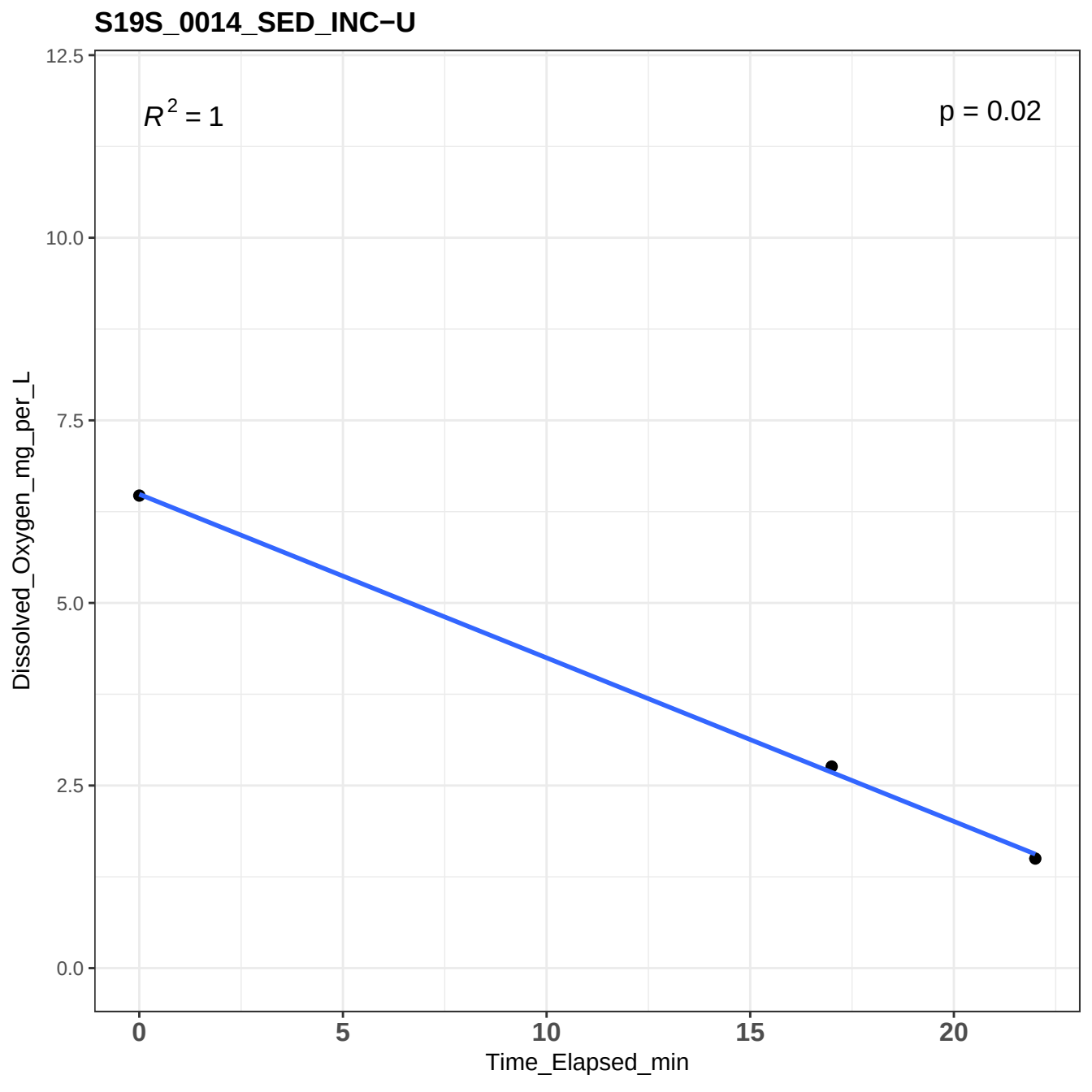

S19S_0011_SED_INC−D
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
1
2
3
4
Time_Elapsed_min

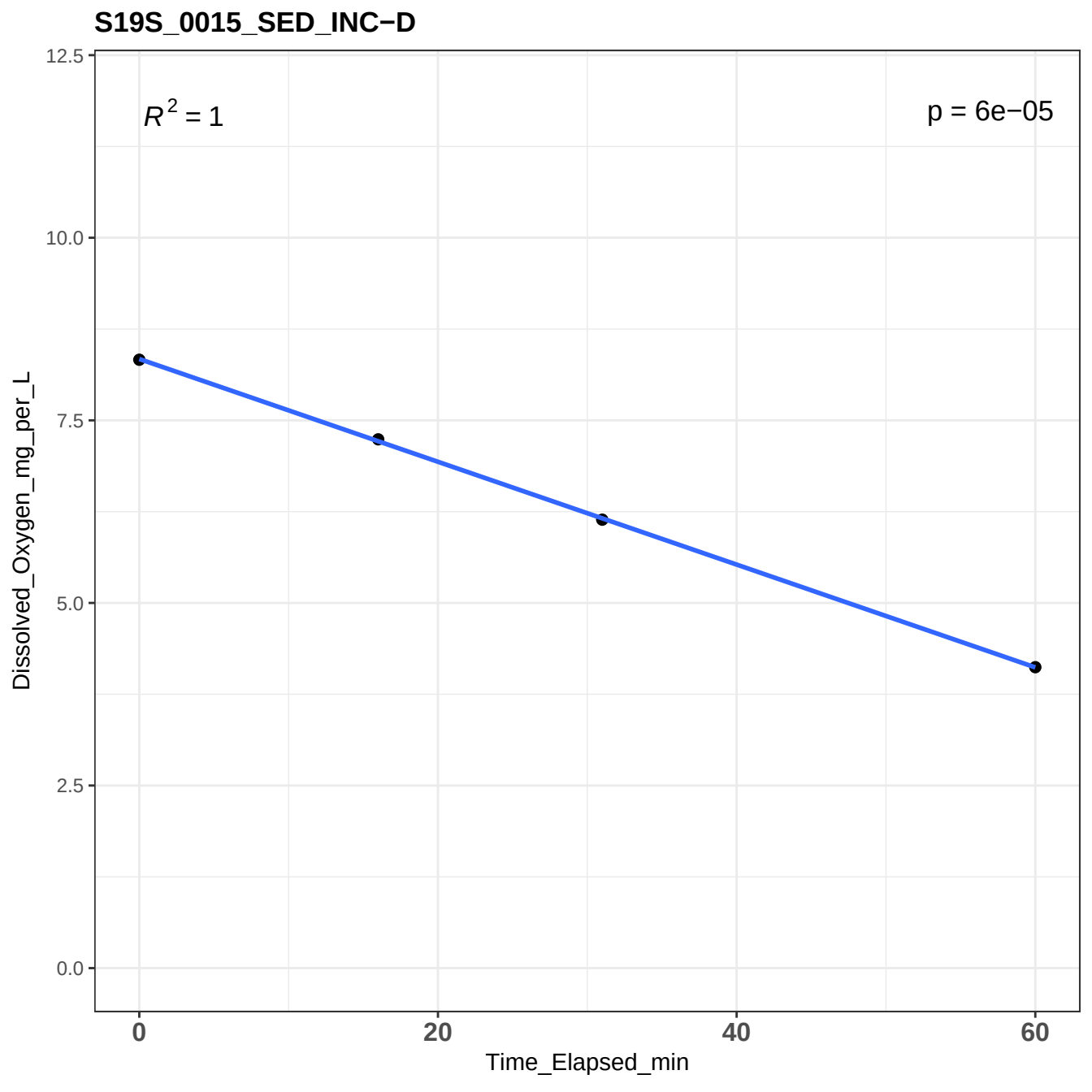

S19S_0011_SED_INC−U
$R^2 = 1$
p = 6e−04
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
5
10
15
20
Time_Elapsed_min

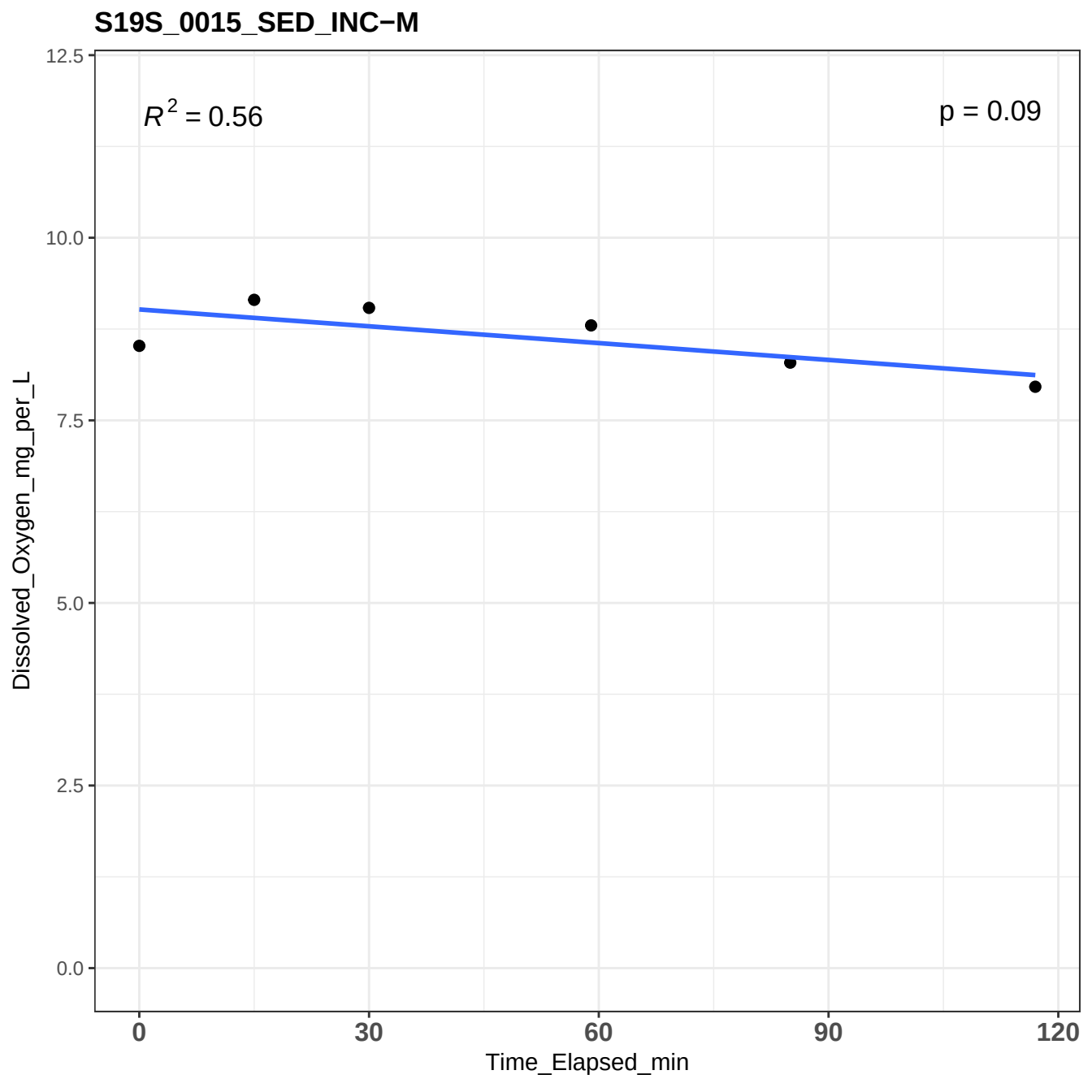

S19S_0012_SED_INC−D
R^2 = 0.62
p = 0.06
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
Time_Elapsed_min

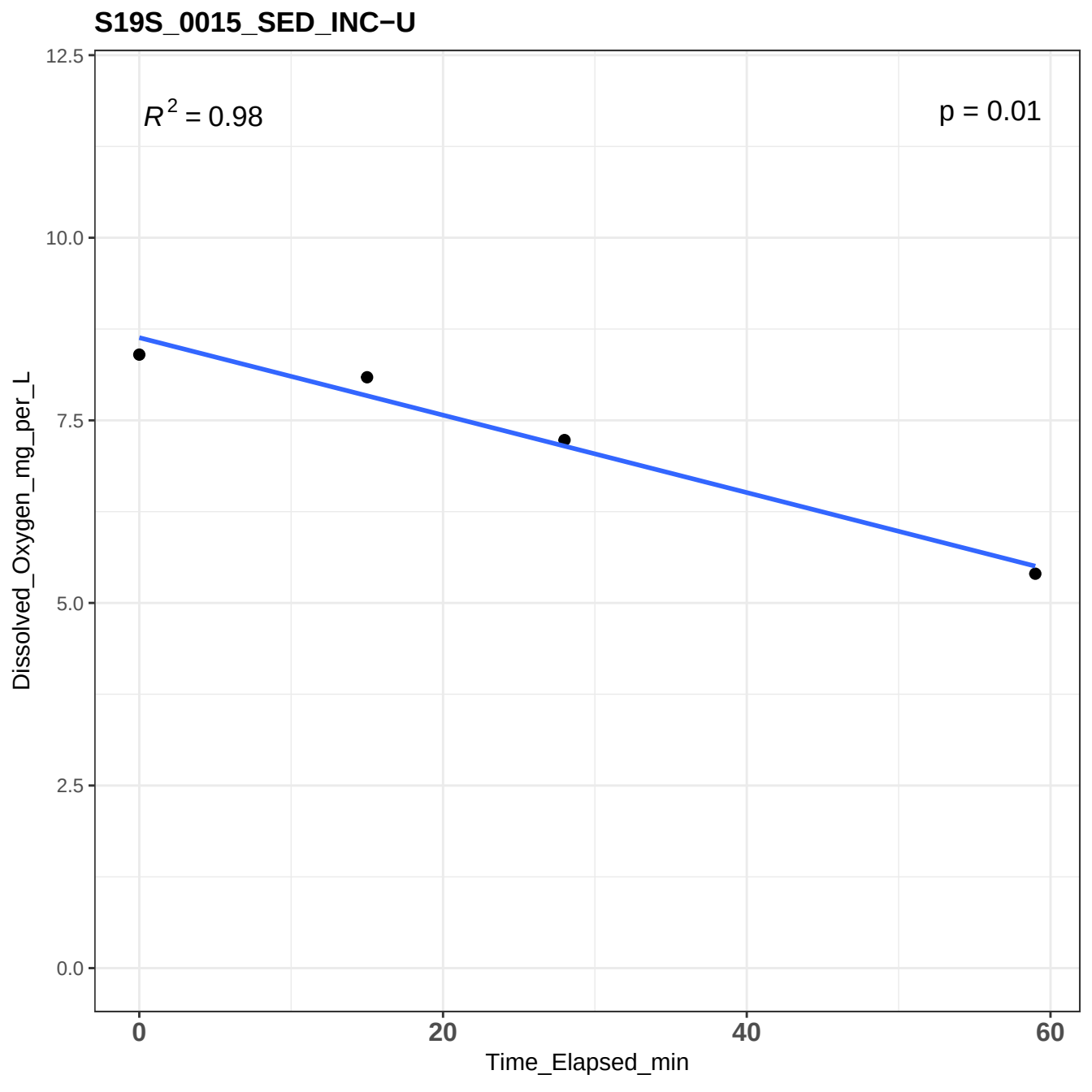

S19S_0012_SED_INC−M
R^2 = 0.99
p = 1e−06
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
Time_Elapsed_min

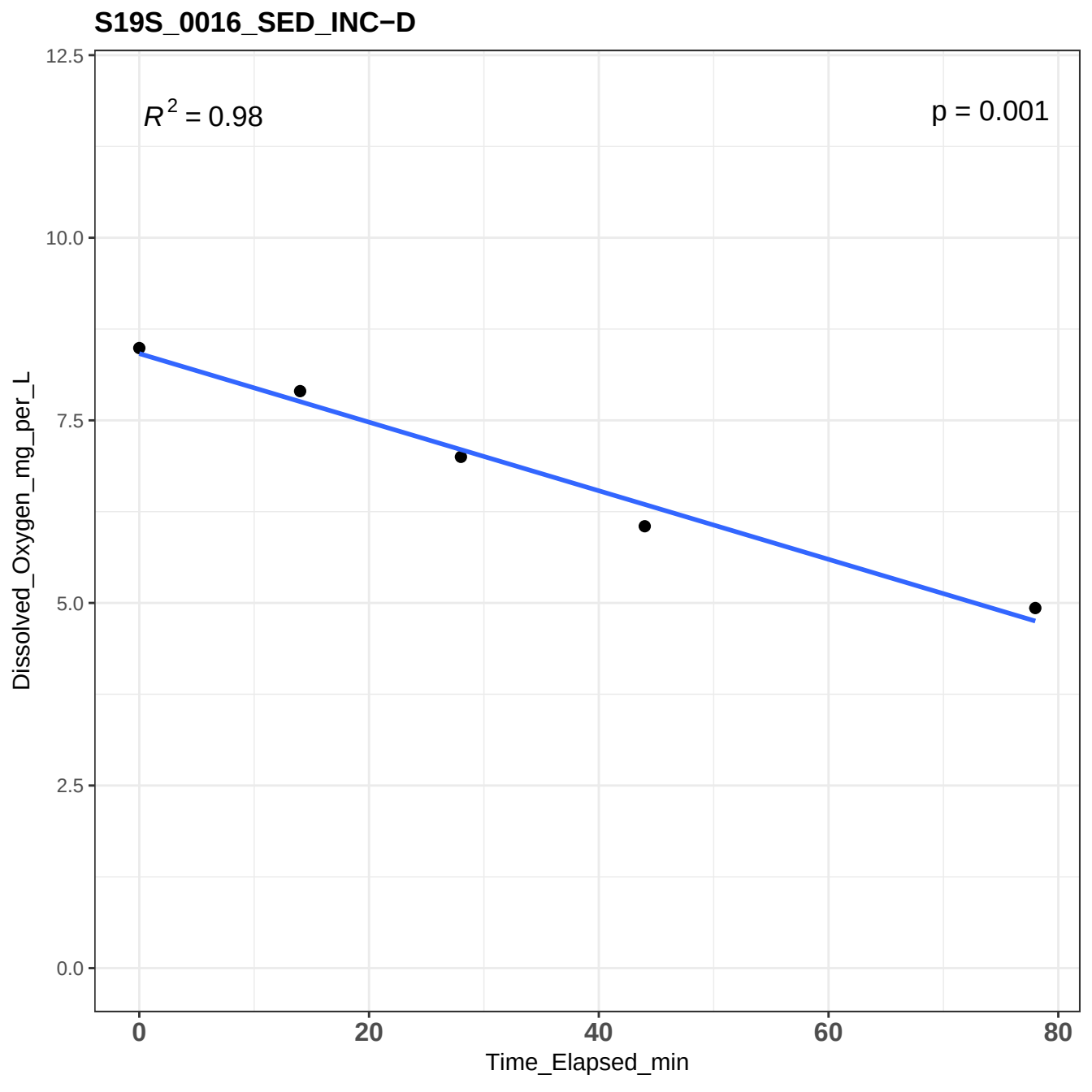

S19S_0012_SED_INC−U
R^2 = 0.99
p = 1e−05
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
30
60
90
Time_Elapsed_min

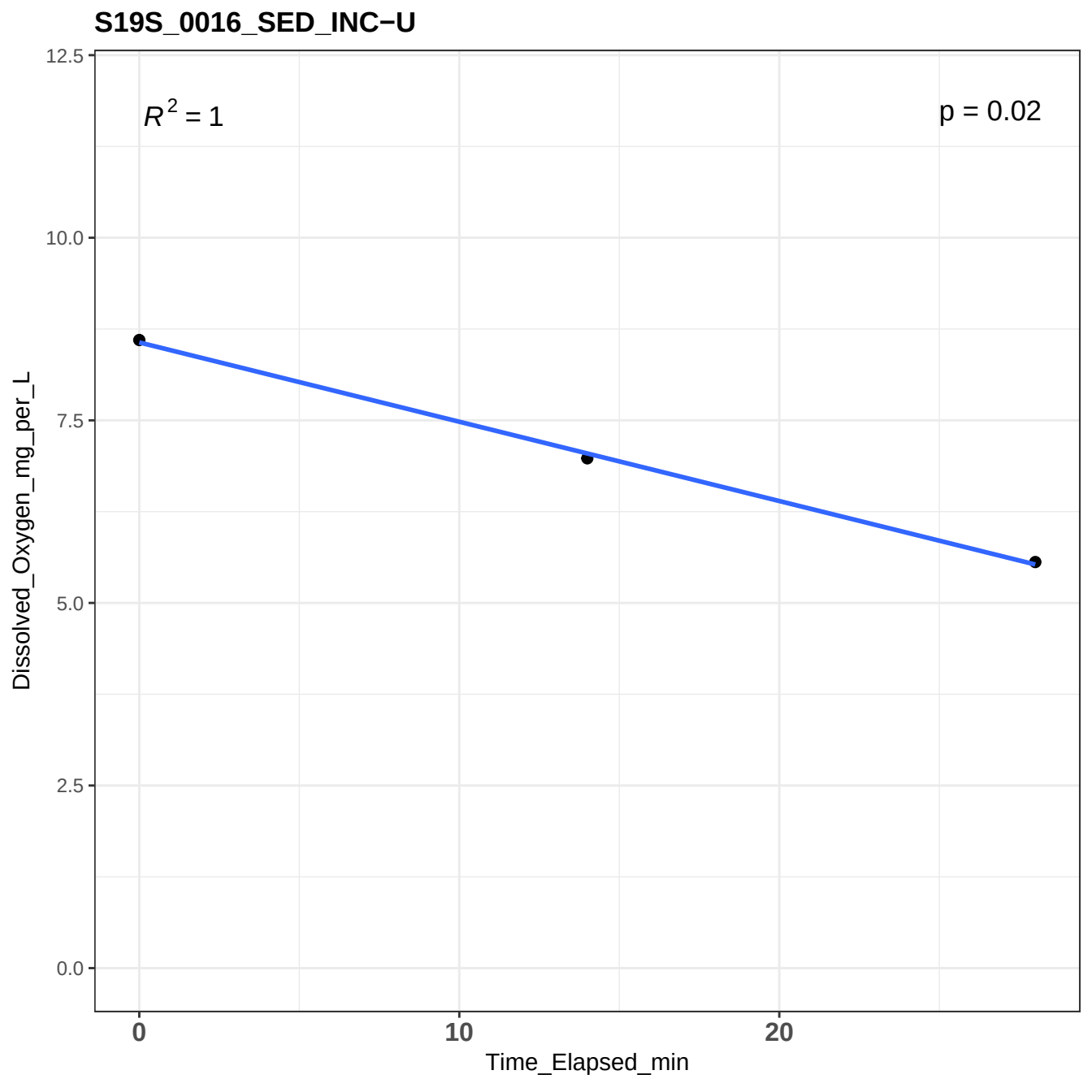

S19S_0014_SED_INC−U
$R^2 = 1$
p = 0.02
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
5
10
15
20
Time_Elapsed_min

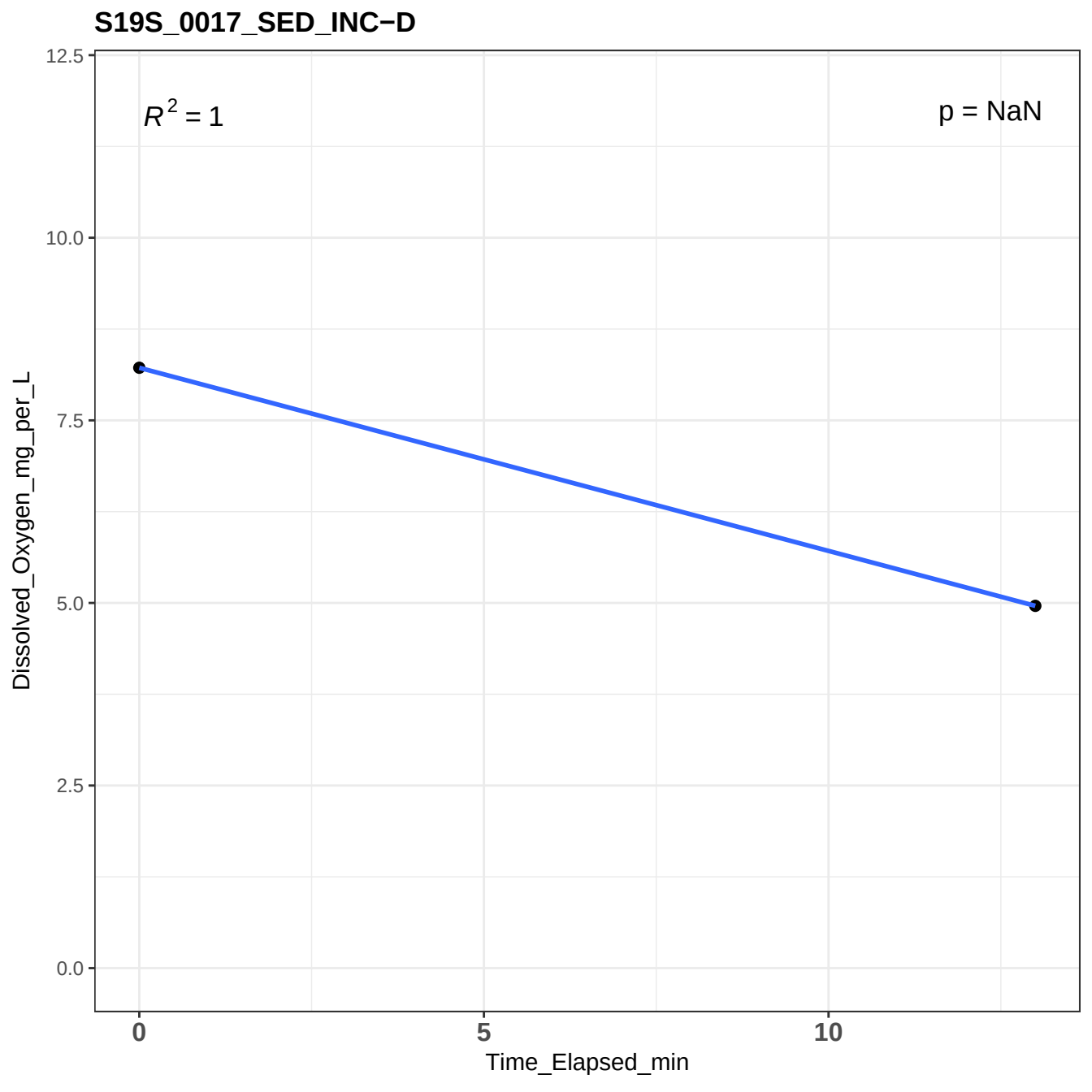

S19S_0015_SED_INC−D
$R^2 = 1$
p = 6e−05
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
20
40
60
Time_Elapsed_min

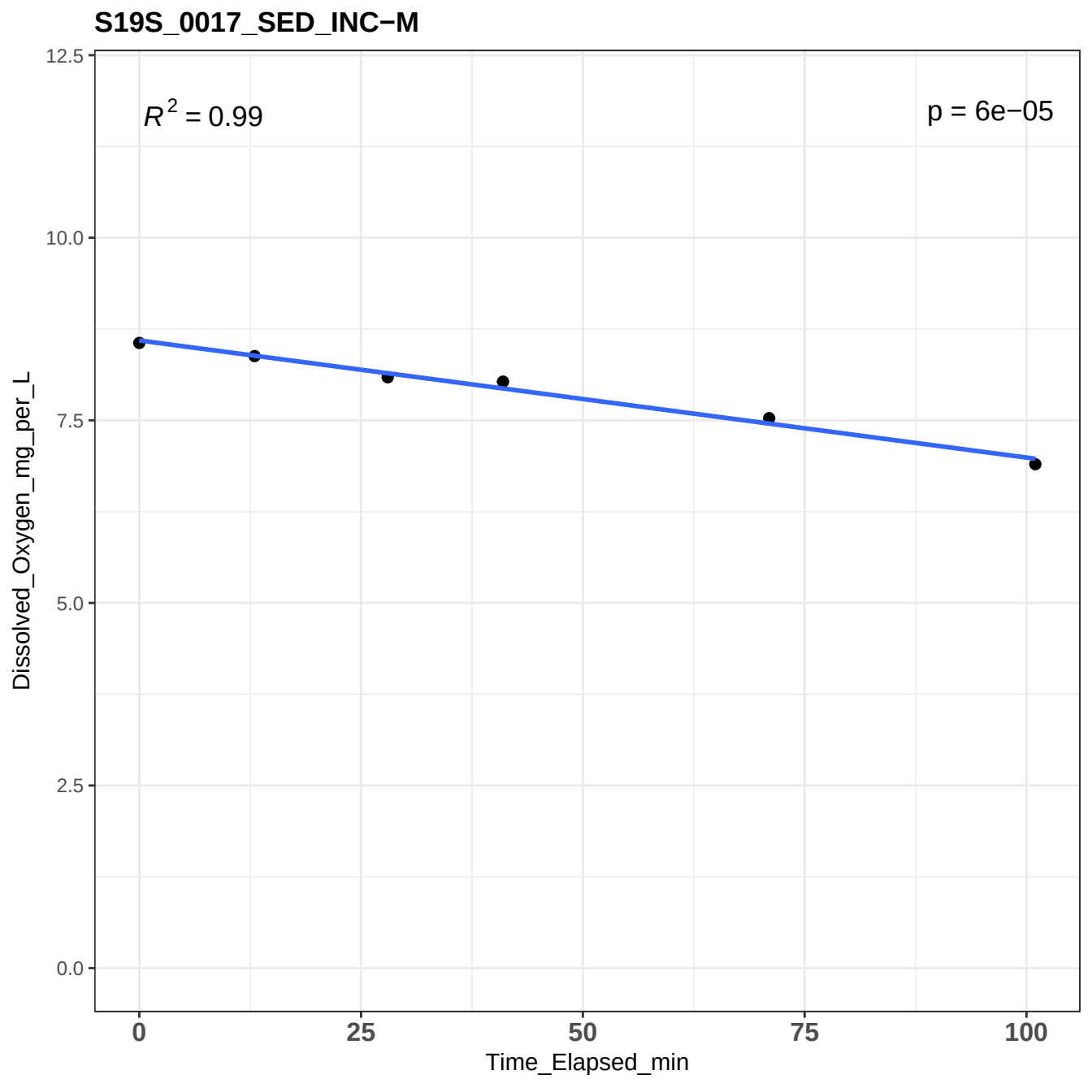

S19S_0015_SED_INC−M
R^2 = 0.56
p = 0.09
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
30
60
90
120
Time_Elapsed_min

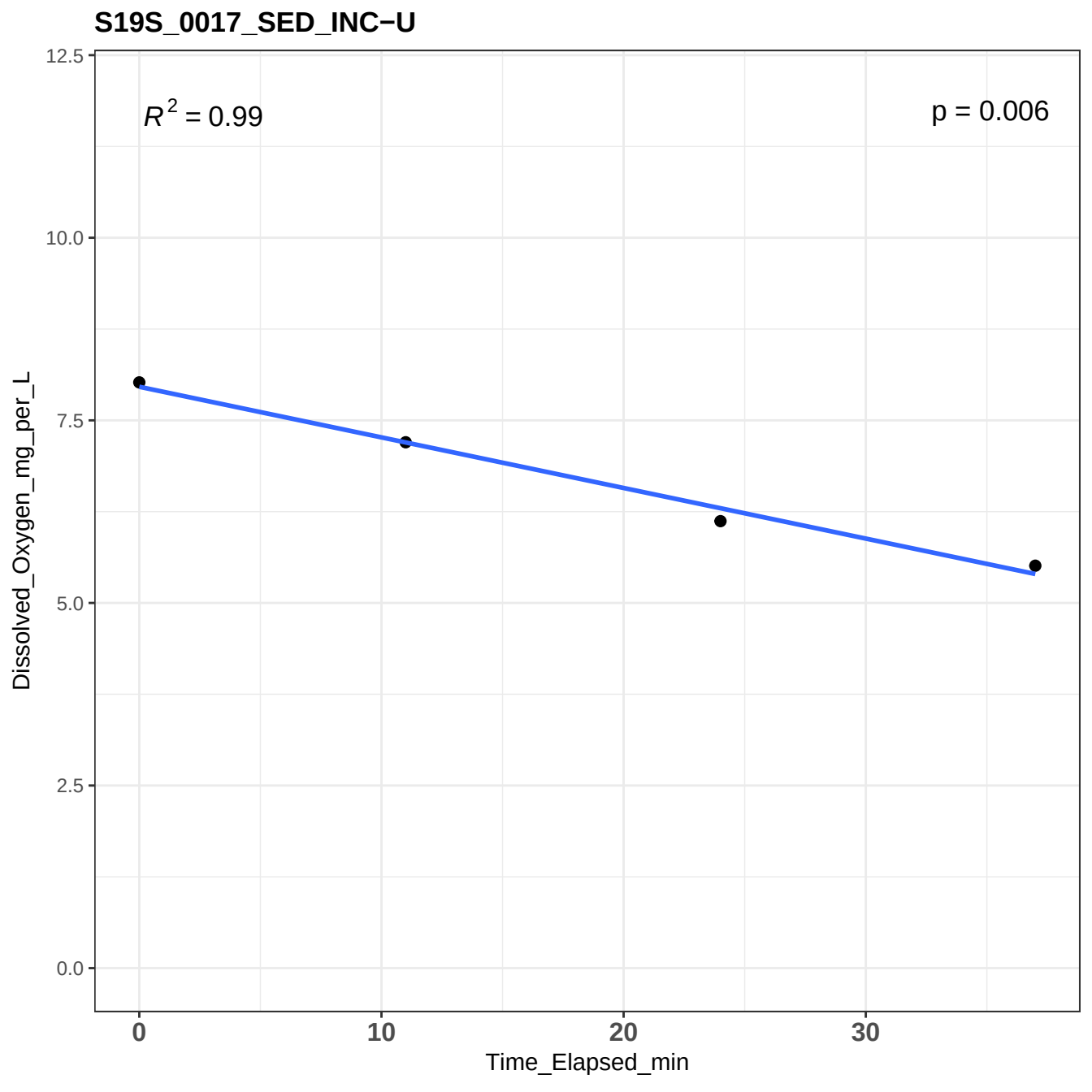

S19S_0015_SED_INC−U
R^2 = 0.98
p = 0.01
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
20
40
60
Time_Elapsed_min

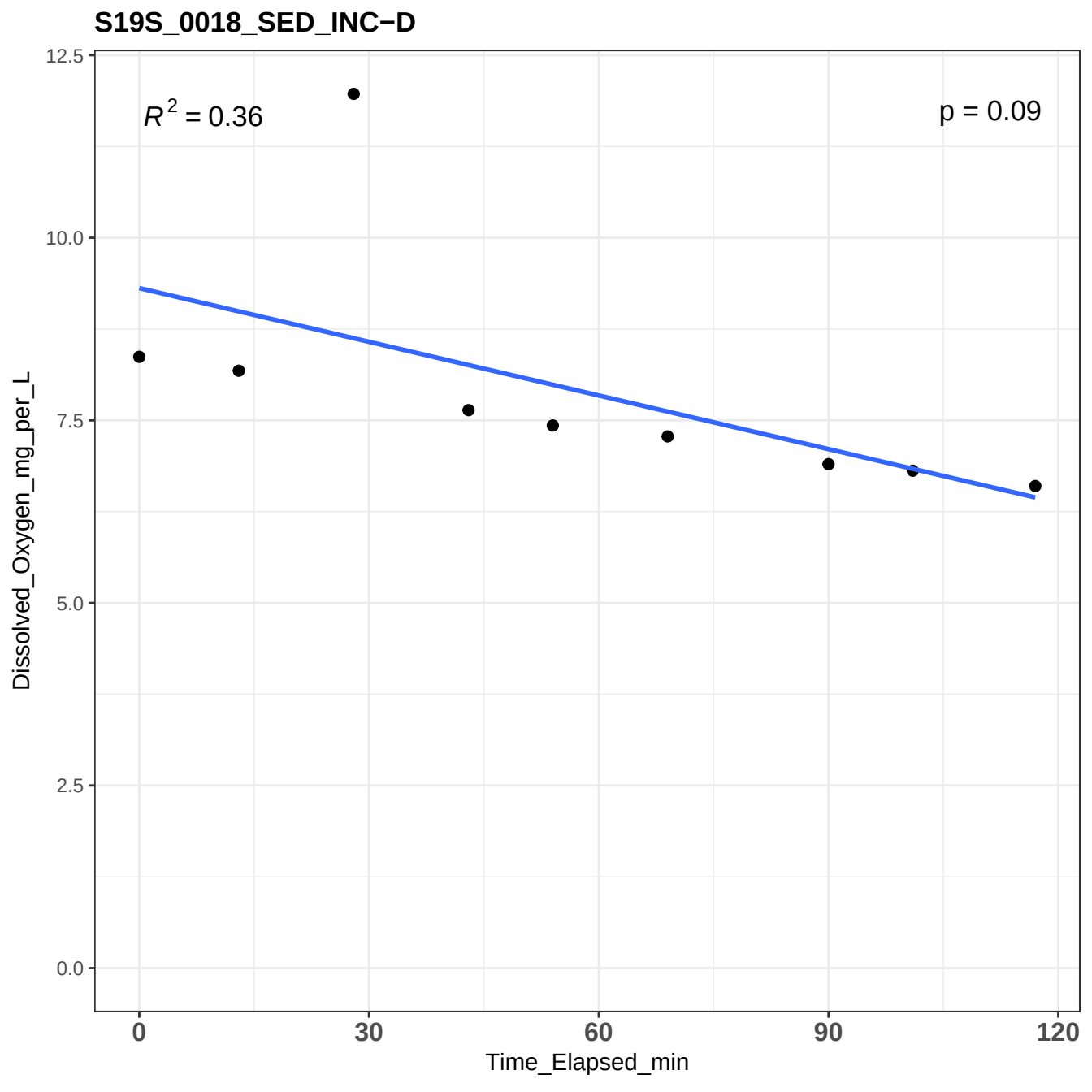

S19S_0016_SED_INC−D
R^2 = 0.98
p = 0.001
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
20
40
60
80
Time_Elapsed_min

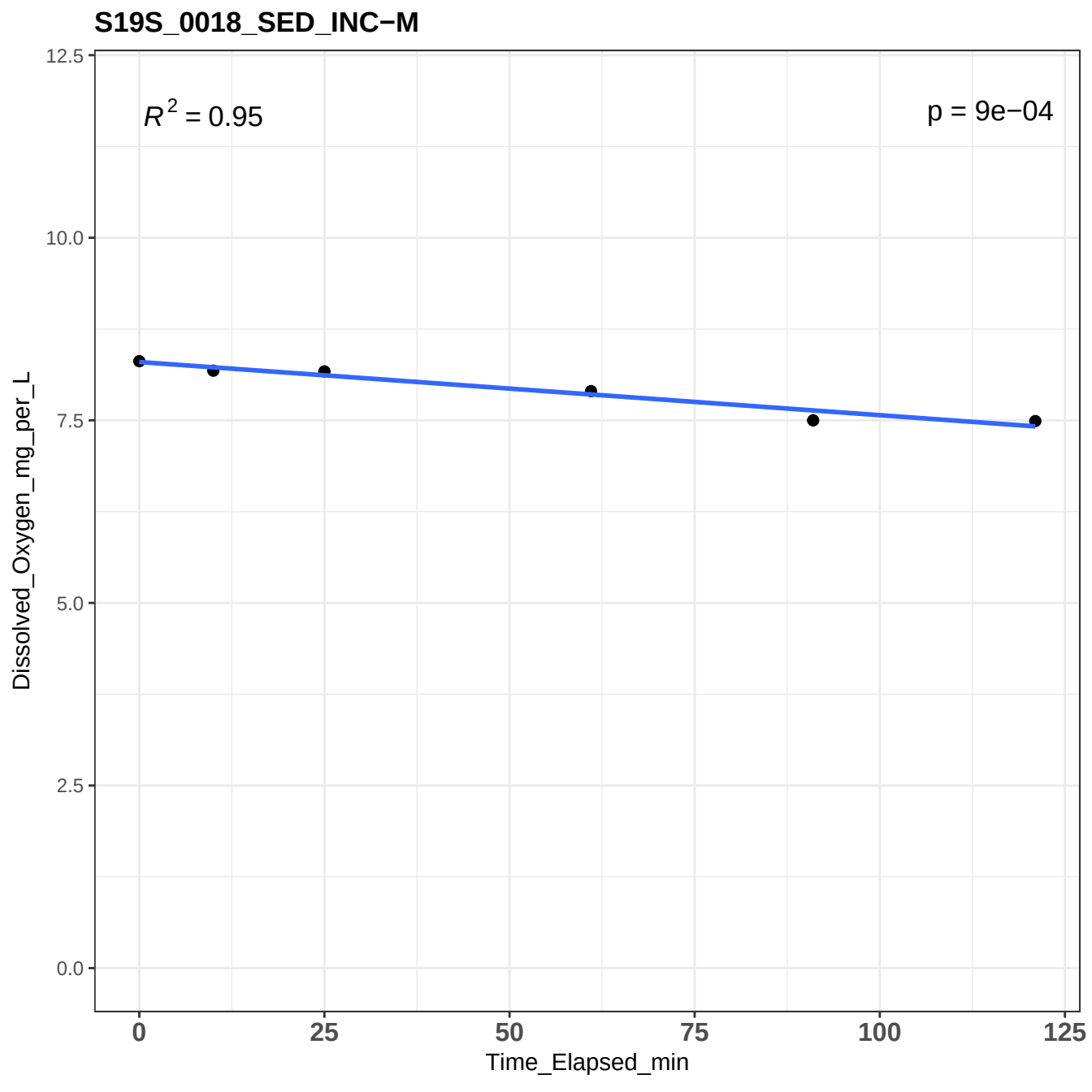

S19S_0016_SED_INC−U
$R^2 = 1$
p = 0.02
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
Time_Elapsed_min

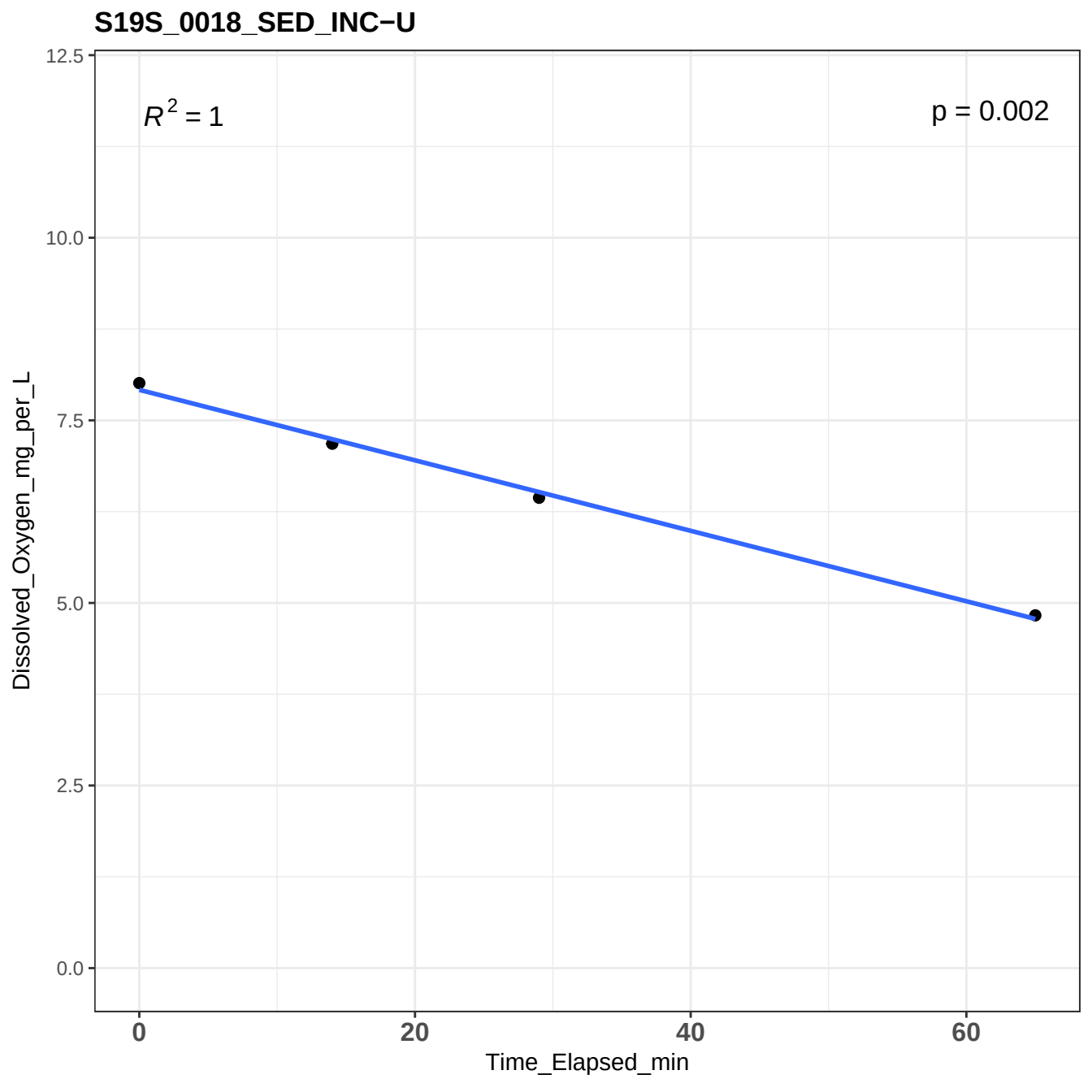

S19S_0017_SED_INC−D
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
Time_Elapsed_min

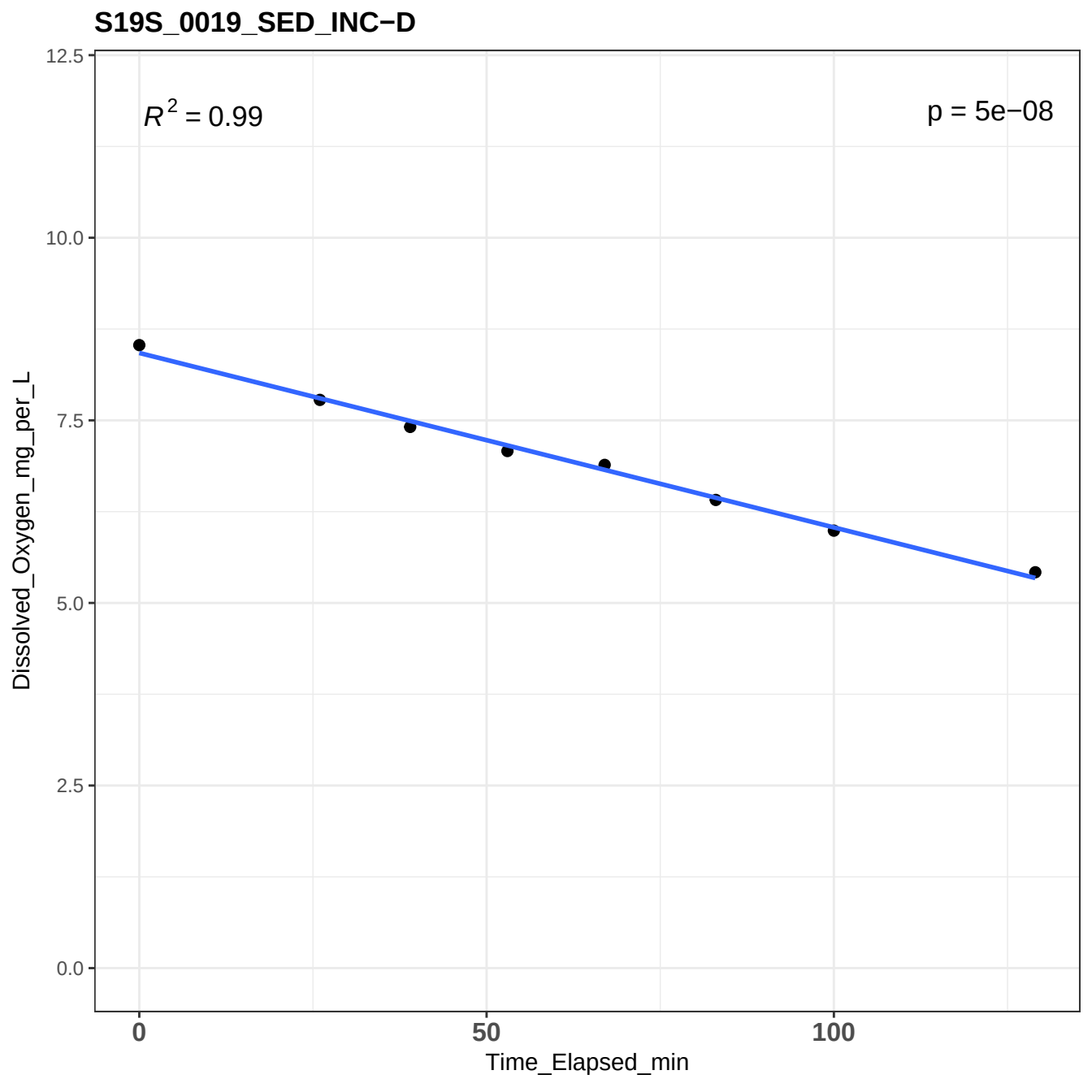

S19S_0017_SED_INC−M
R^2 = 0.99
p = 6e−05
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
Time_Elapsed_min

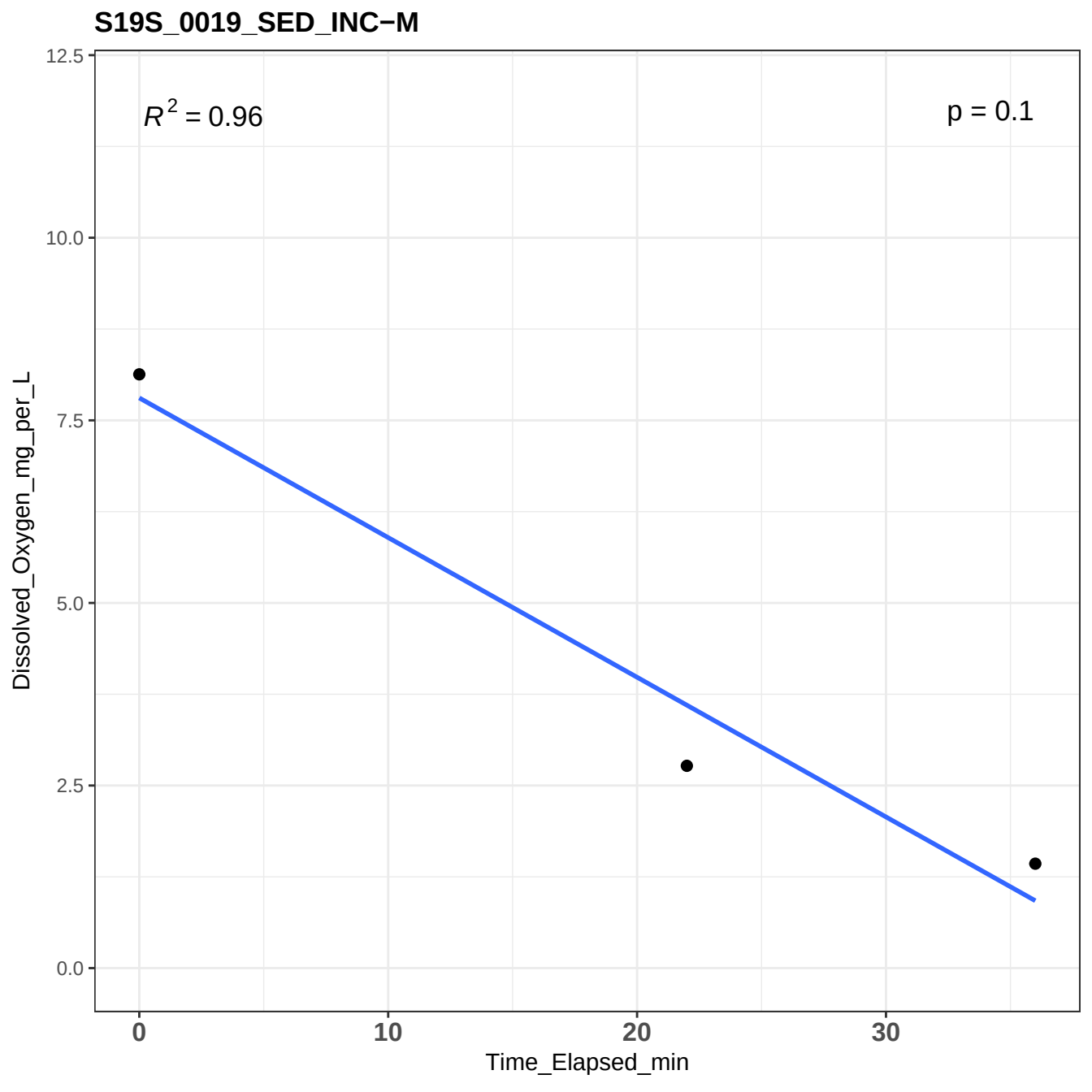

S19S_0017_SED_INC−U
R^2 = 0.99
p = 0.006
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
30
Time_Elapsed_min

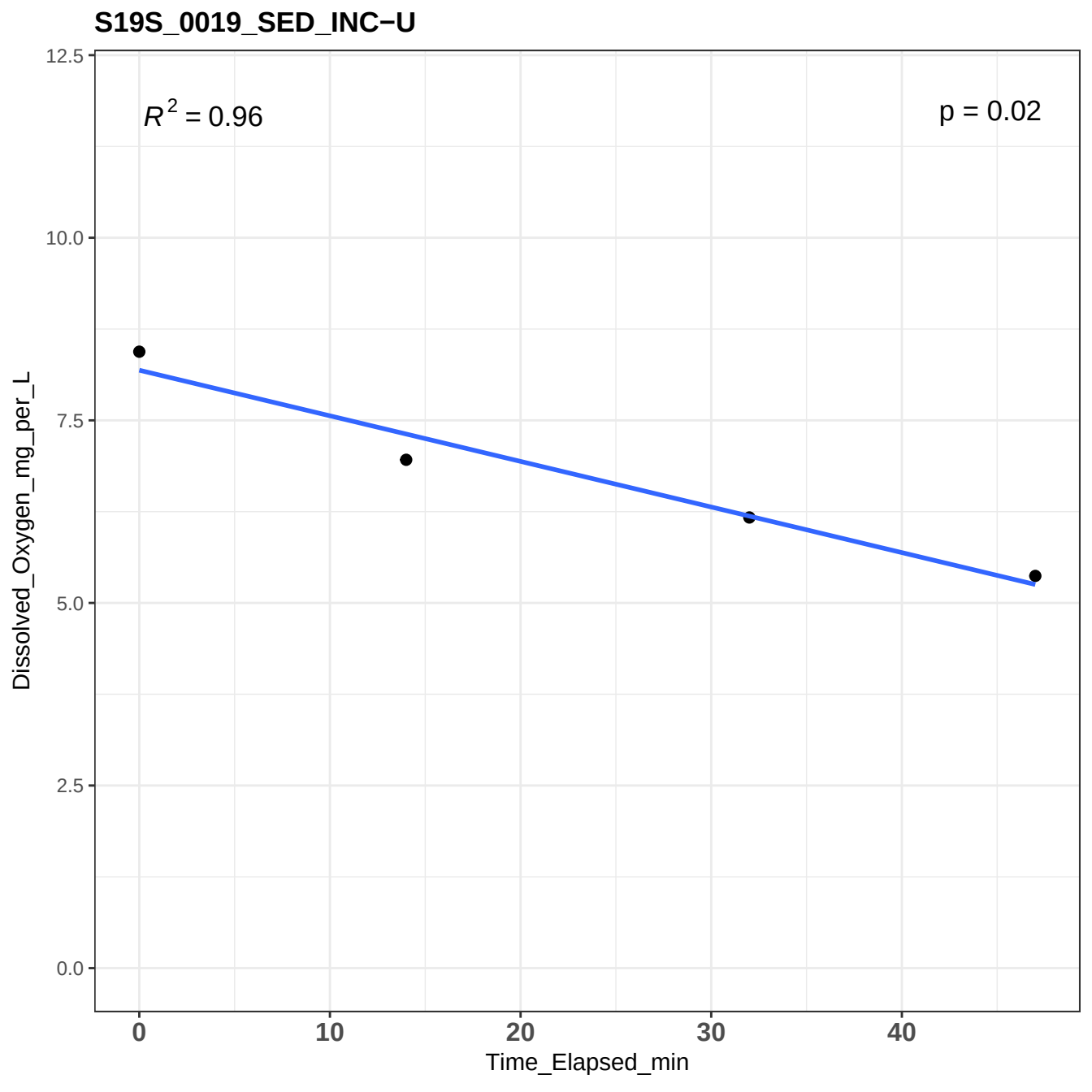

S19S_0018_SED_INC−D
R^2 = 0.36
p = 0.09
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
120
Time_Elapsed_min

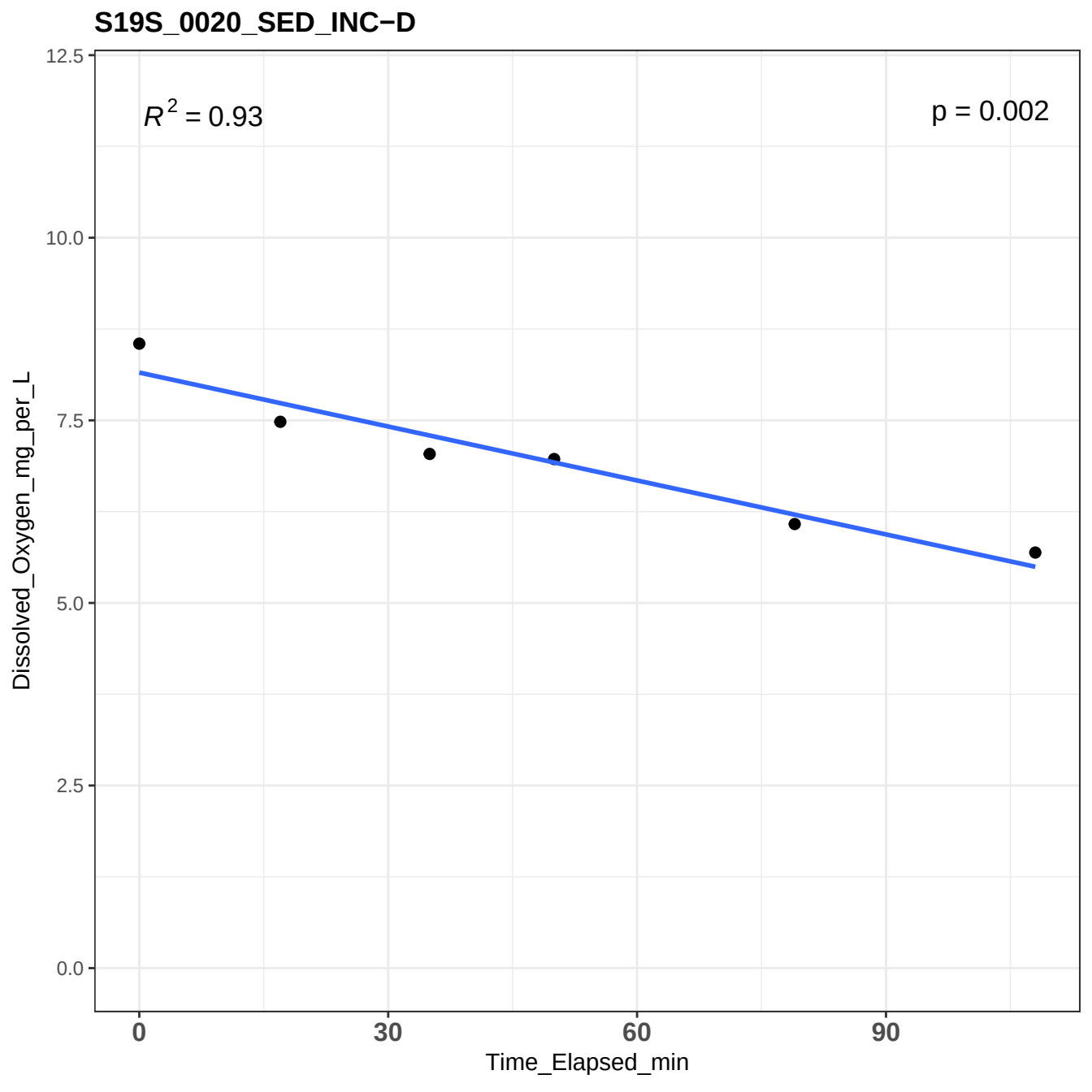

S19S_0018_SED_INC−M
R^2 = 0.95
p = 9e−04
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
125
Time_Elapsed_min

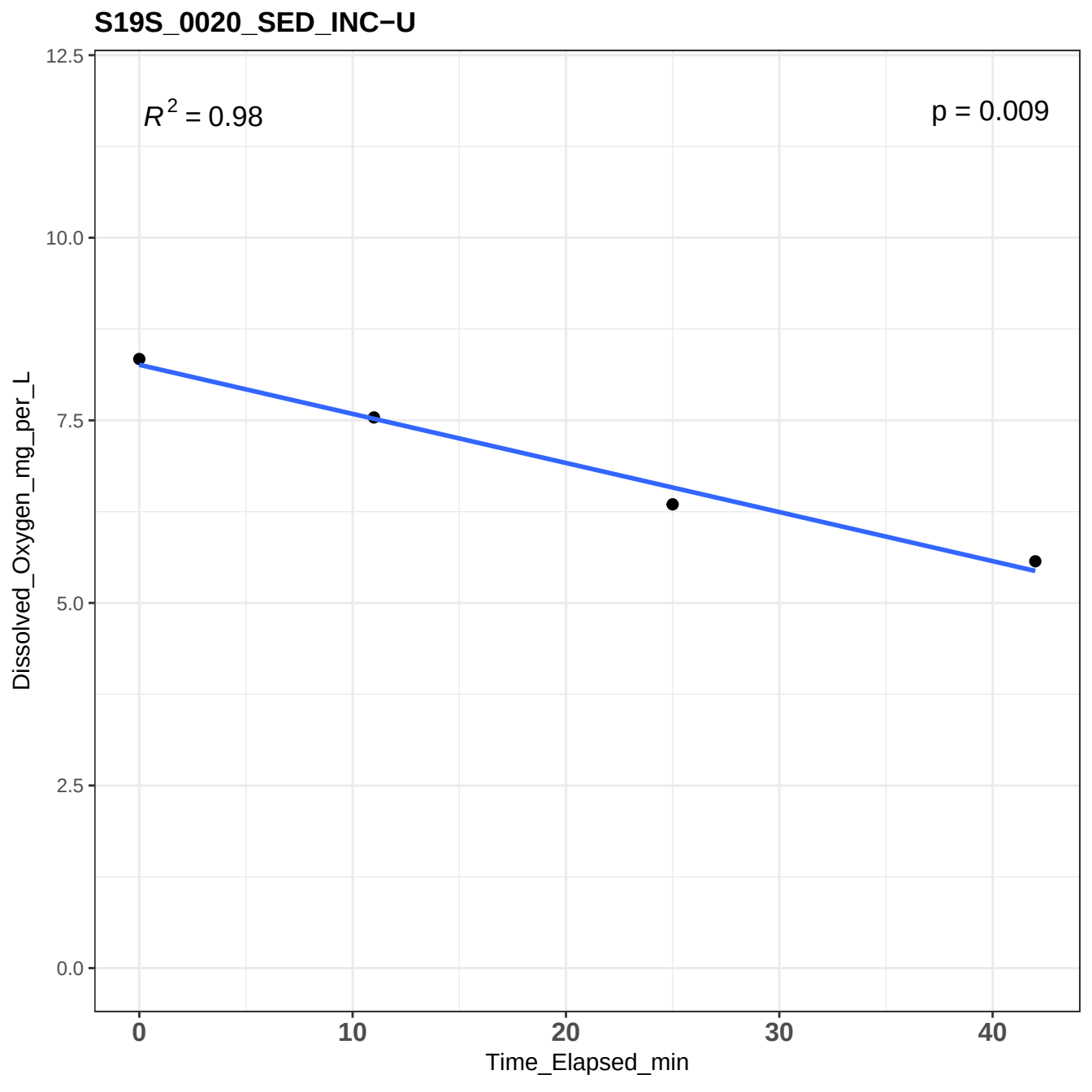

S19S_0018_SED_INC−U
$R^2 = 1$
p = 0.002
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
20
40
60
Time_Elapsed_min

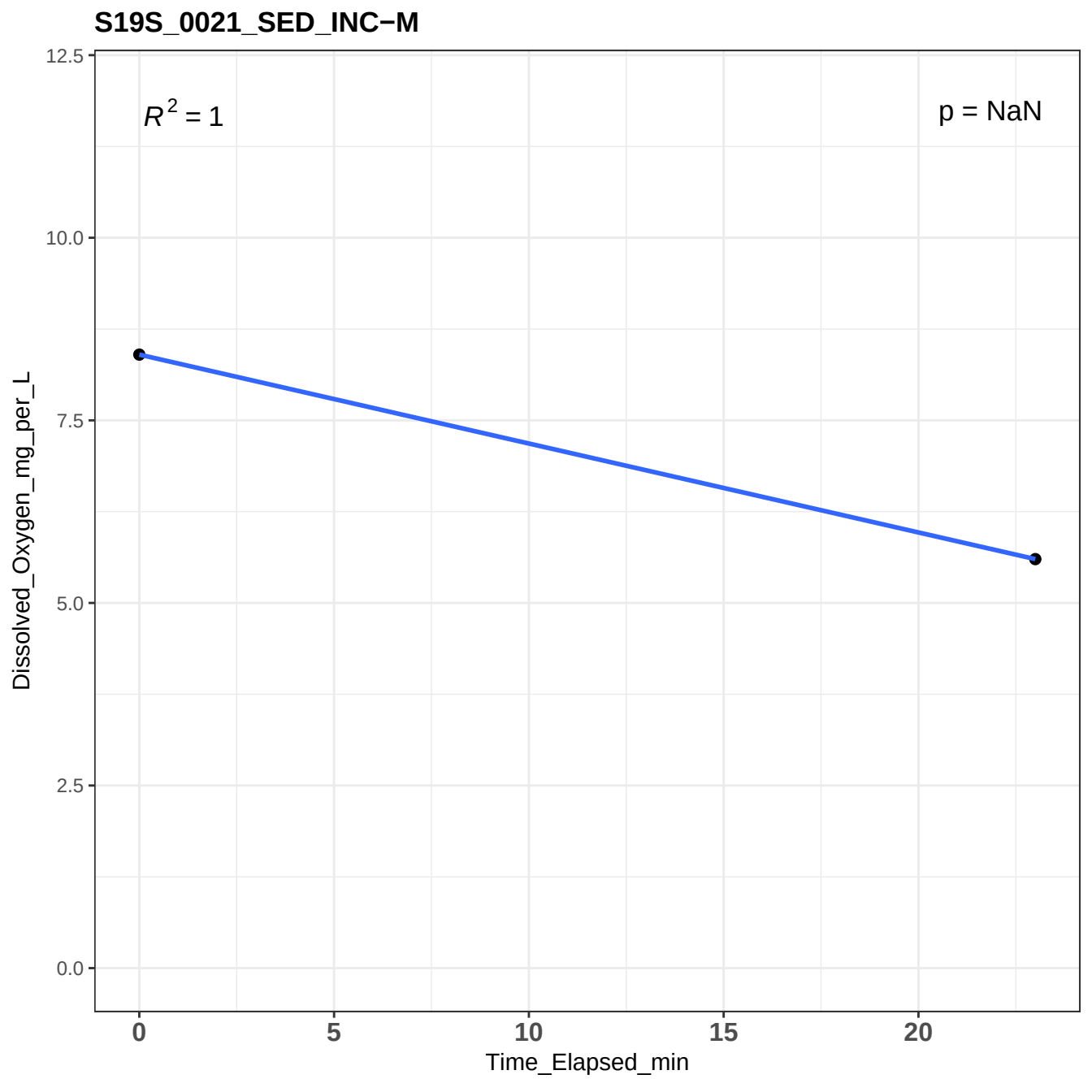

S19S_0019_SED_INC−D
R^2 = 0.99
p = 5e−08
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
50
100
Time_Elapsed_min

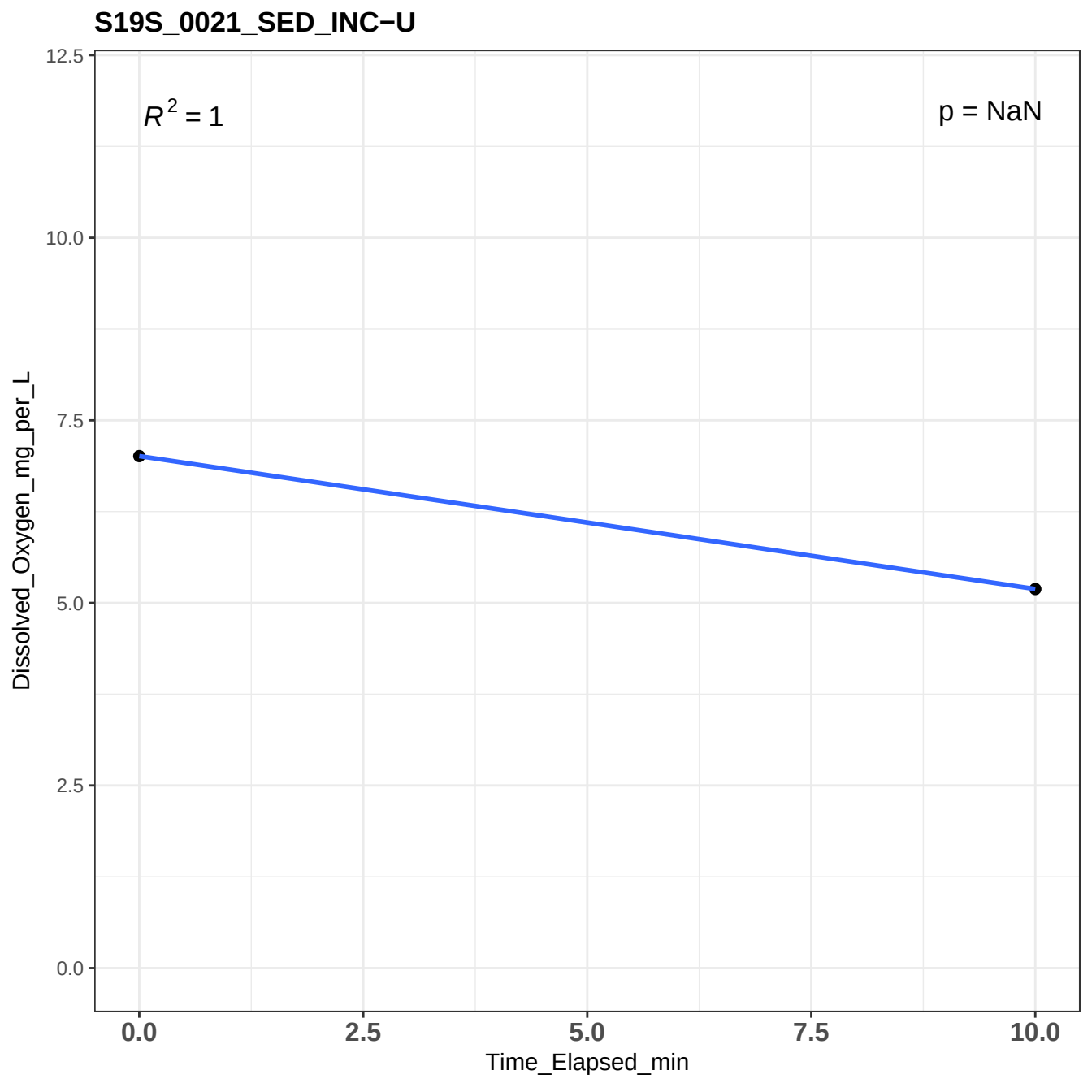

S19S_0019_SED_INC−M
R^2 = 0.96
p = 0.1
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
Time_Elapsed_min

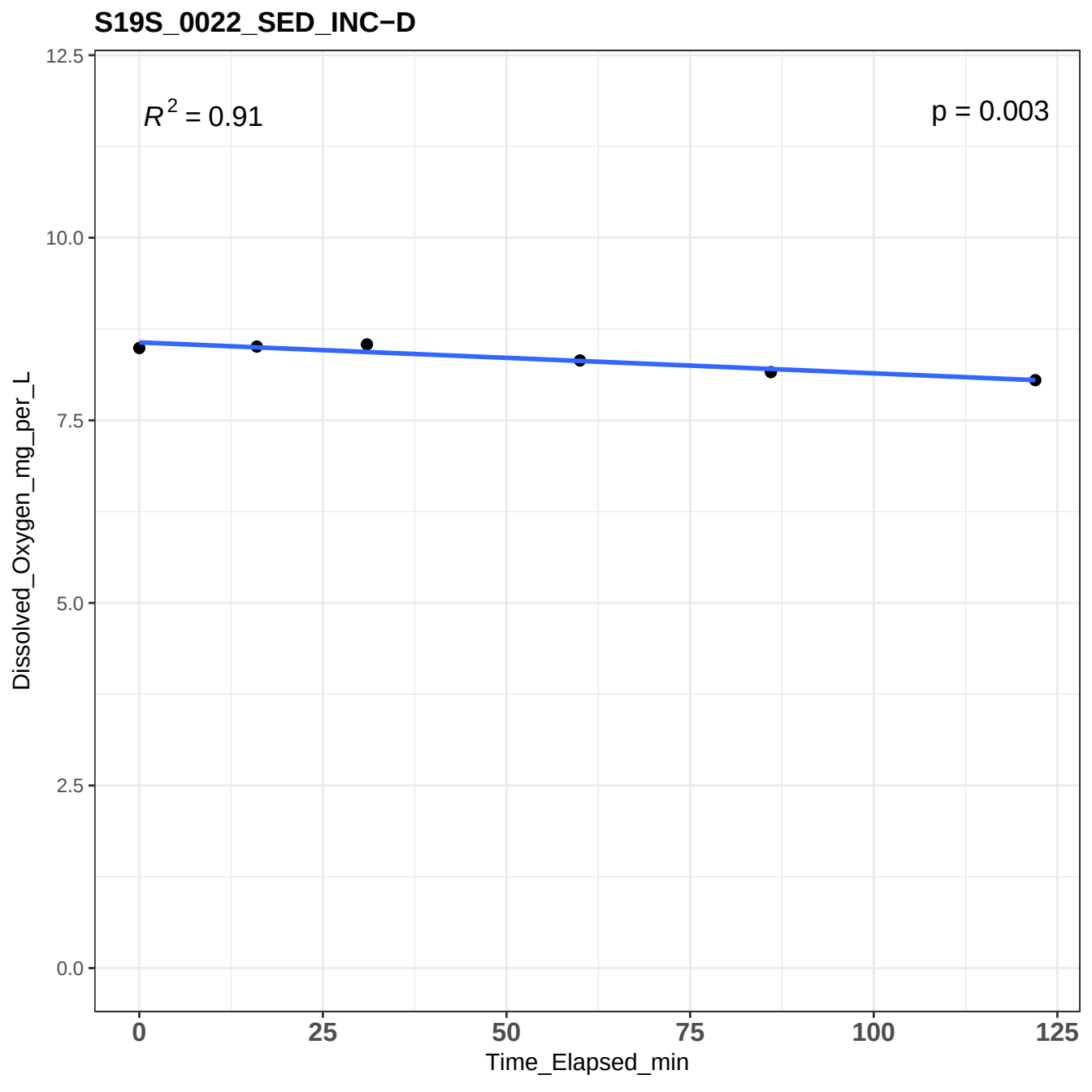

S19S_0019_SED_INC−U
R^2 = 0.96
p = 0.02
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
40
Time_Elapsed_min

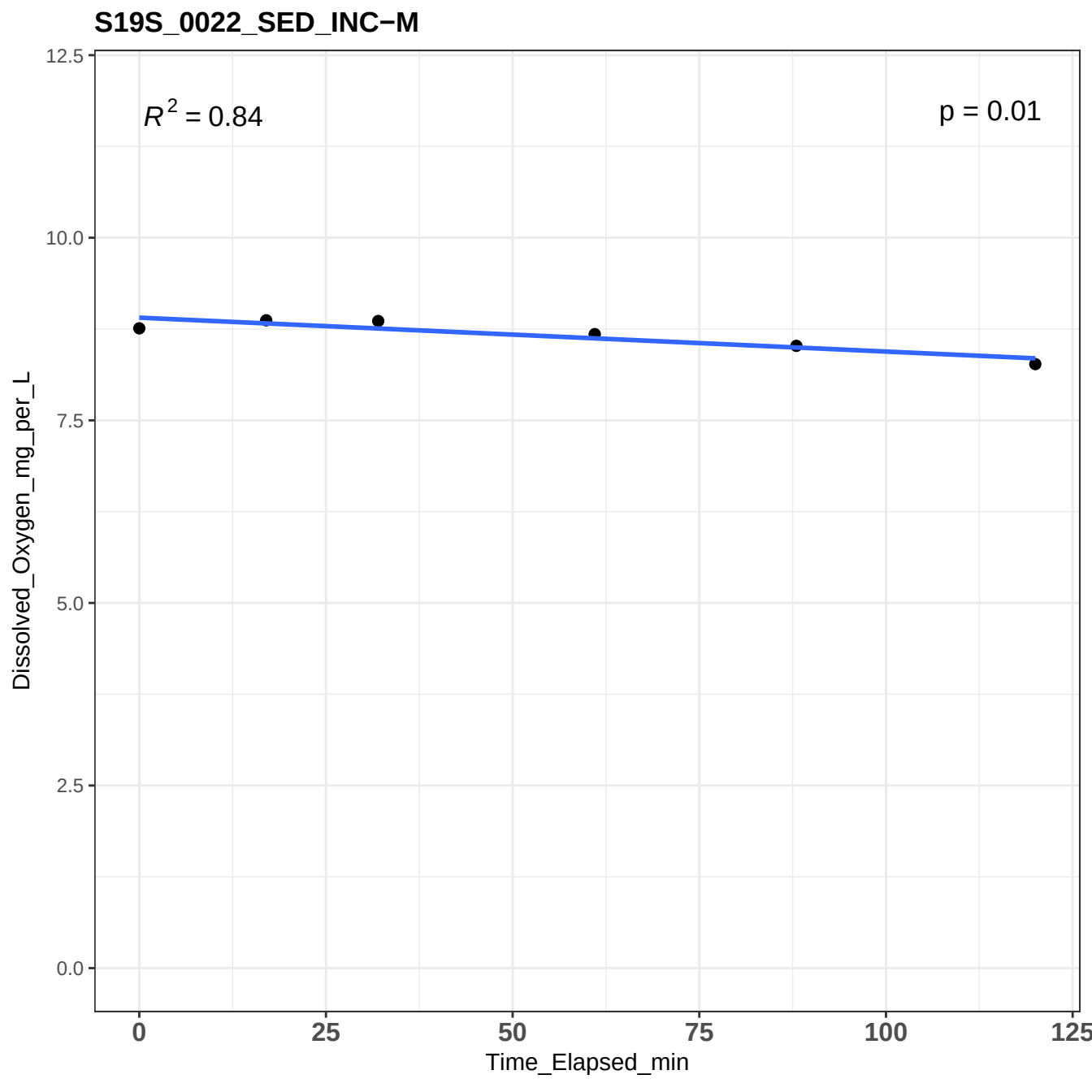

S19S_0020_SED_INC−D
R^2 = 0.93
p = 0.002
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
Time_Elapsed_min

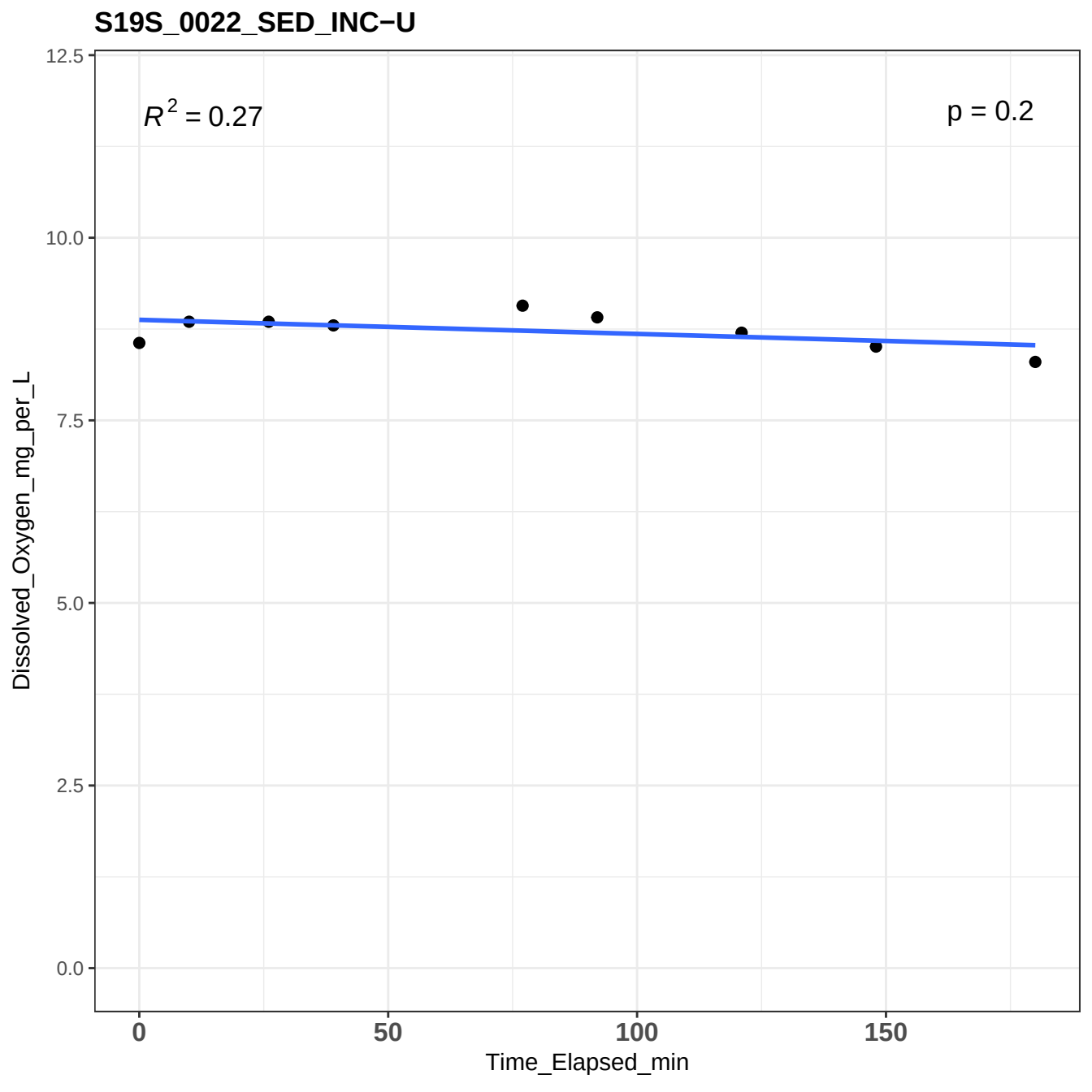

S19S_0020_SED_INC−U
R^2 = 0.98
p = 0.009
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
40
Time_Elapsed_min

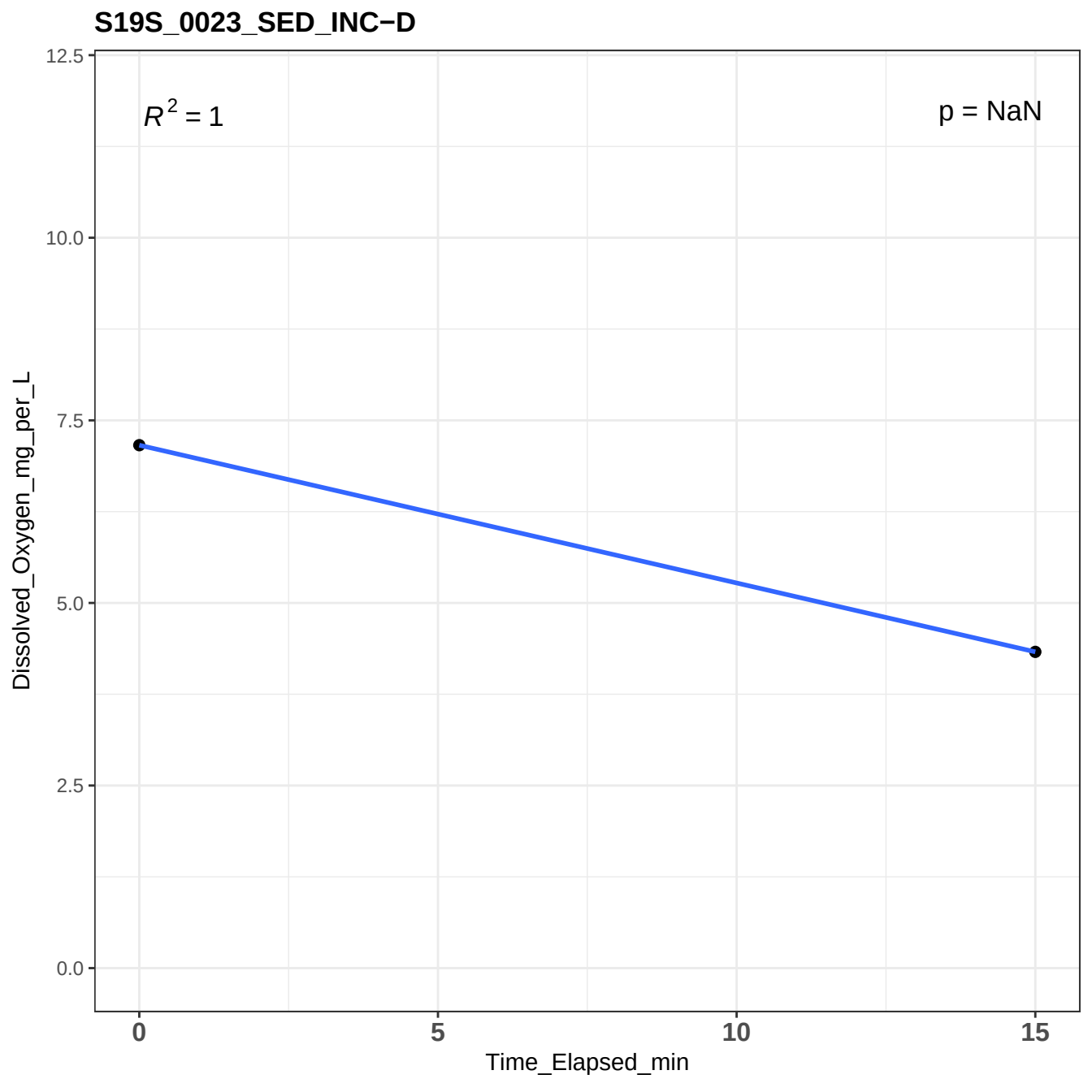

S19S_0021_SED_INC−M
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
15
20
Time_Elapsed_min

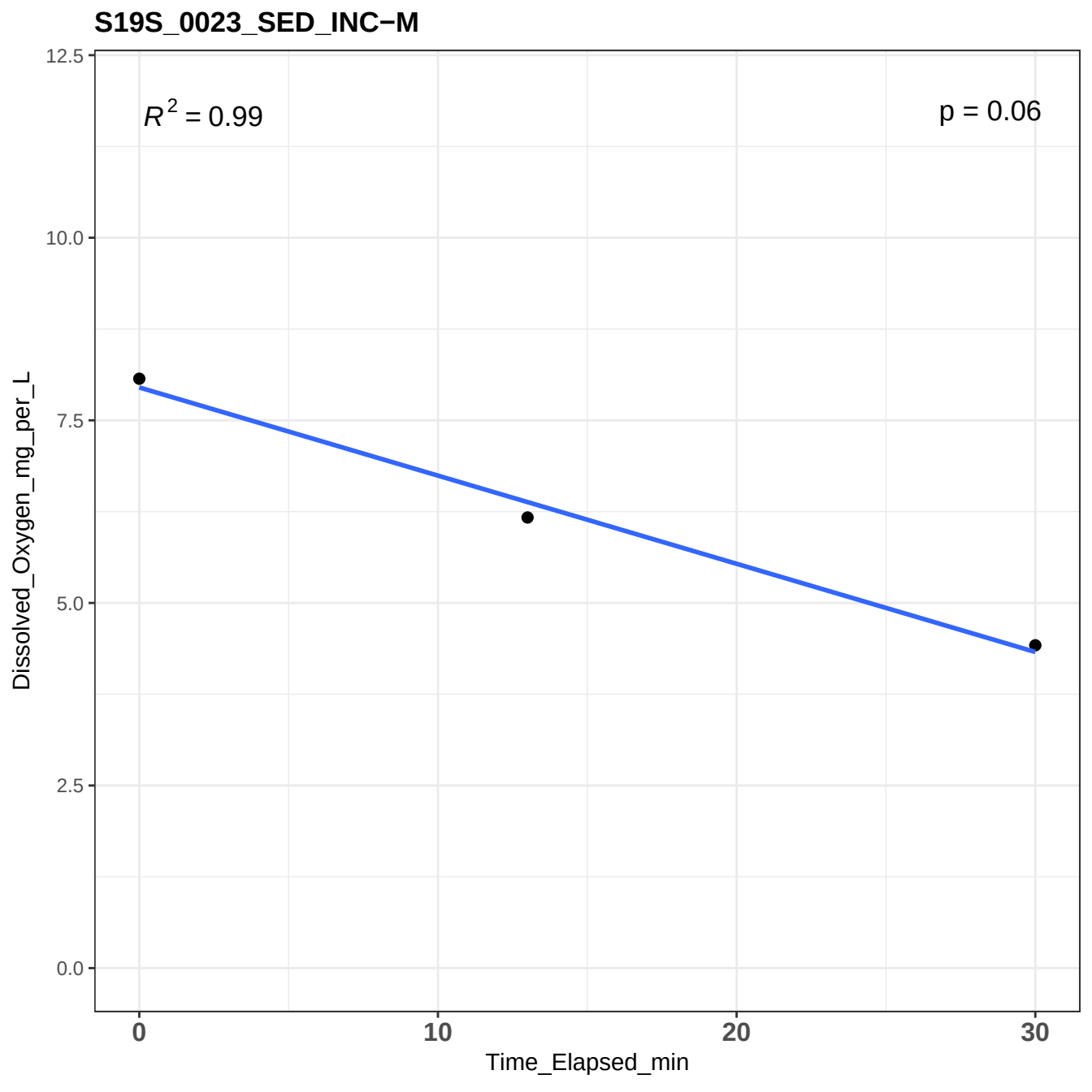

S19S_0021_SED_INC−U
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0.0
2.5
5.0
7.5
10.0
Time_Elapsed_min

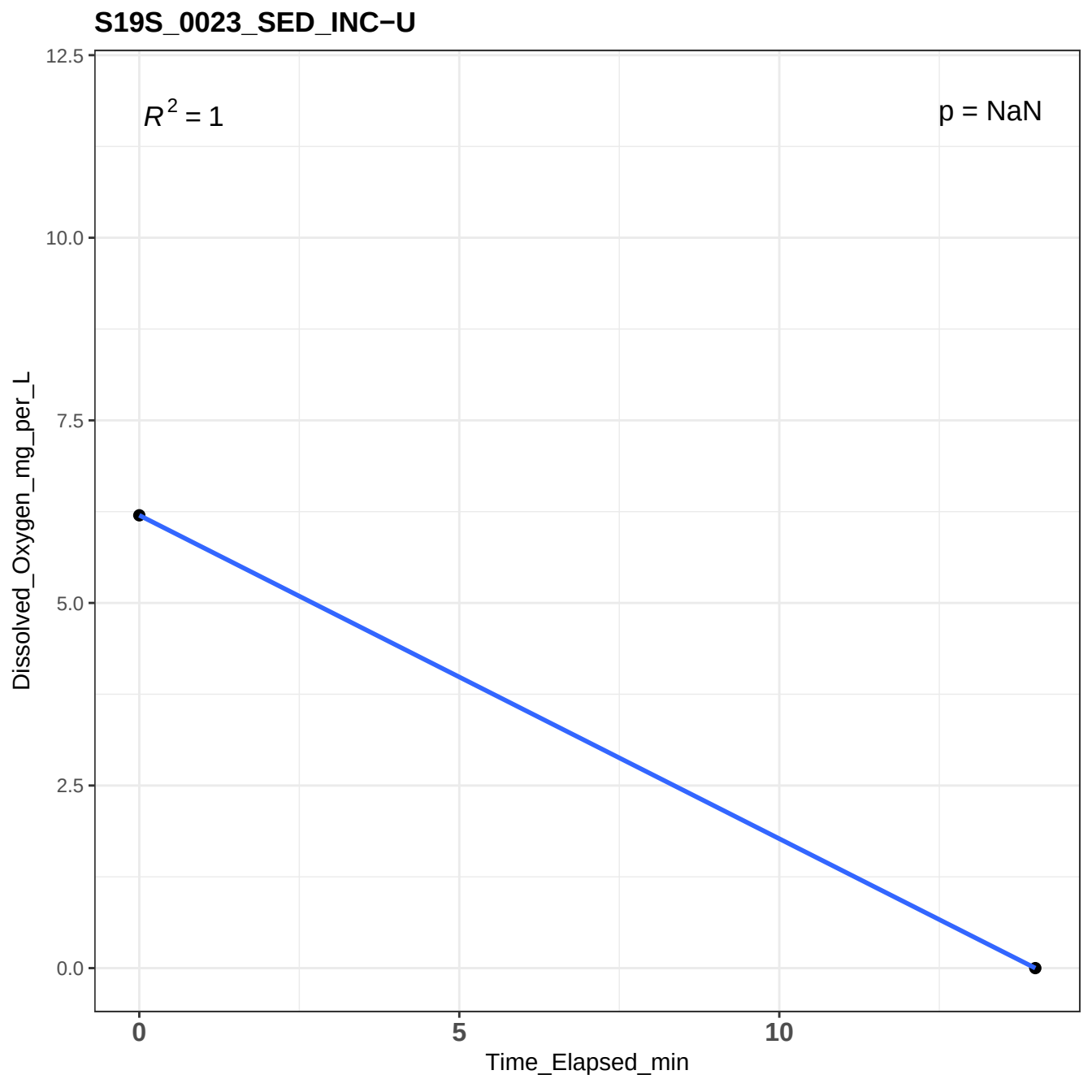

S19S_0022_SED_INC−D
R^2 = 0.91
p = 0.003
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
125
Time_Elapsed_min

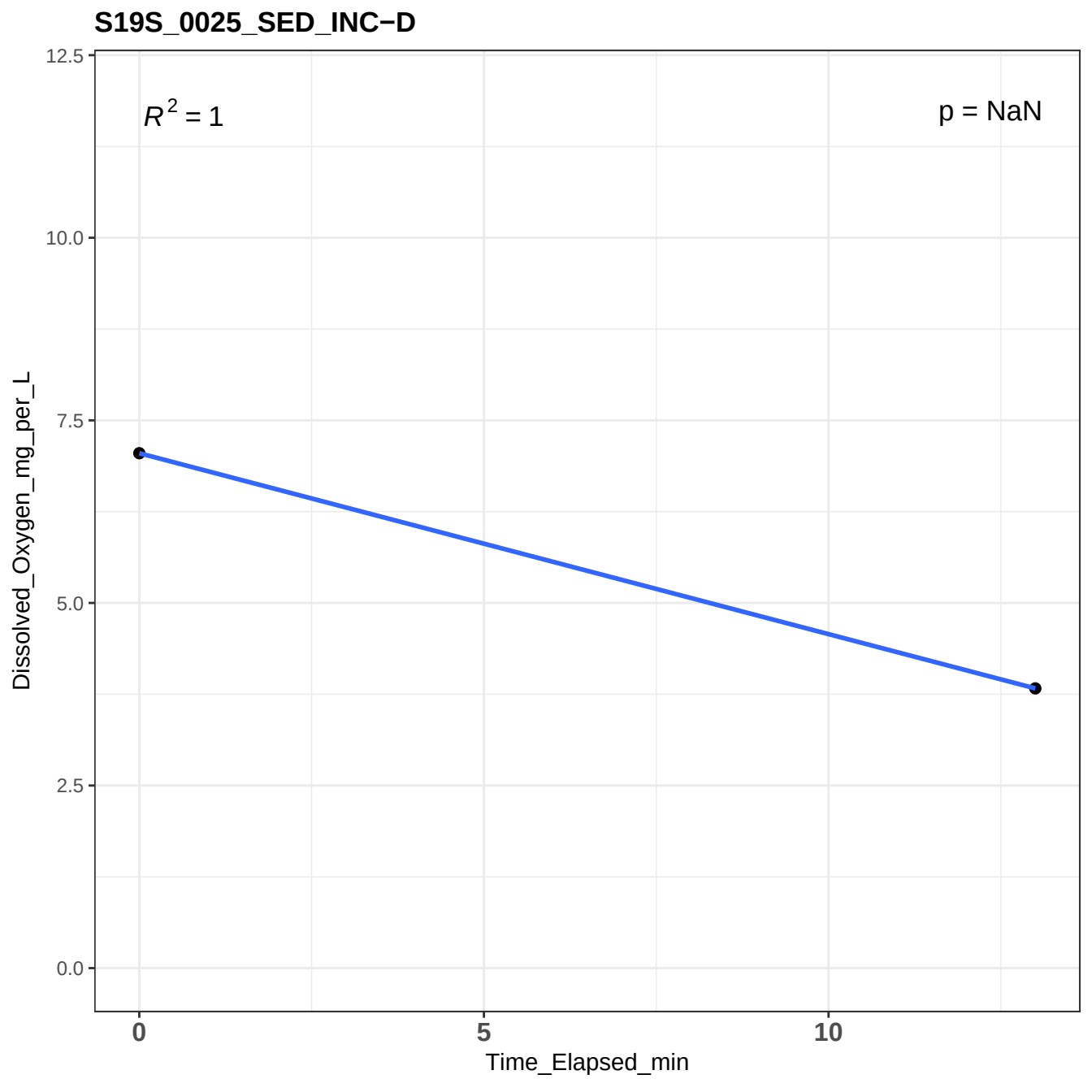

S19S_0022_SED_INC−M
R^2 = 0.84
p = 0.01
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
125
Time_Elapsed_min

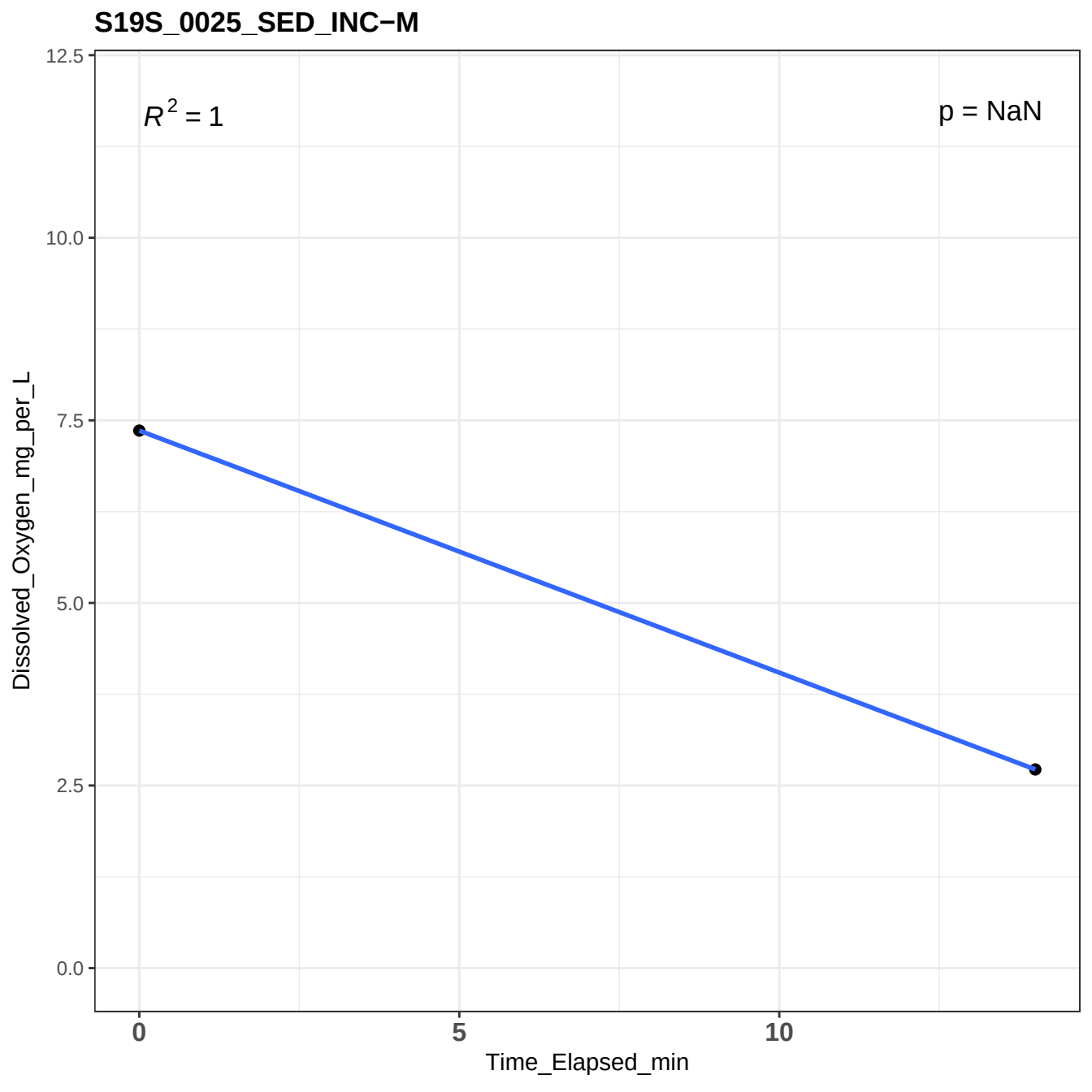

S19S_0022_SED_INC−U
R^2 = 0.27
p = 0.2
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
50
100
150
Time_Elapsed_min

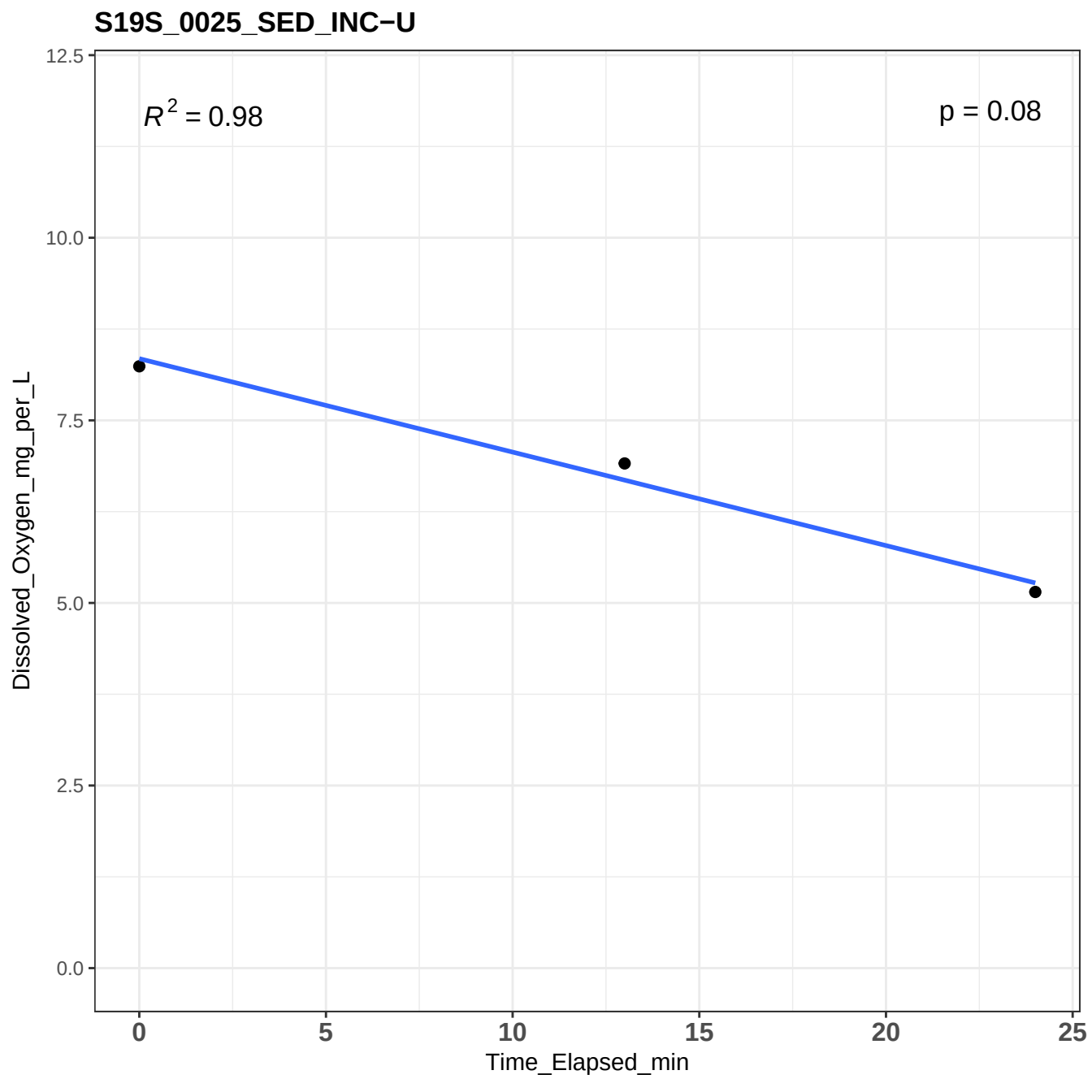

S19S_0023_SED_INC−D
$R^2 = 1$
p = NaN
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
5
10
15
Time_Elapsed_min

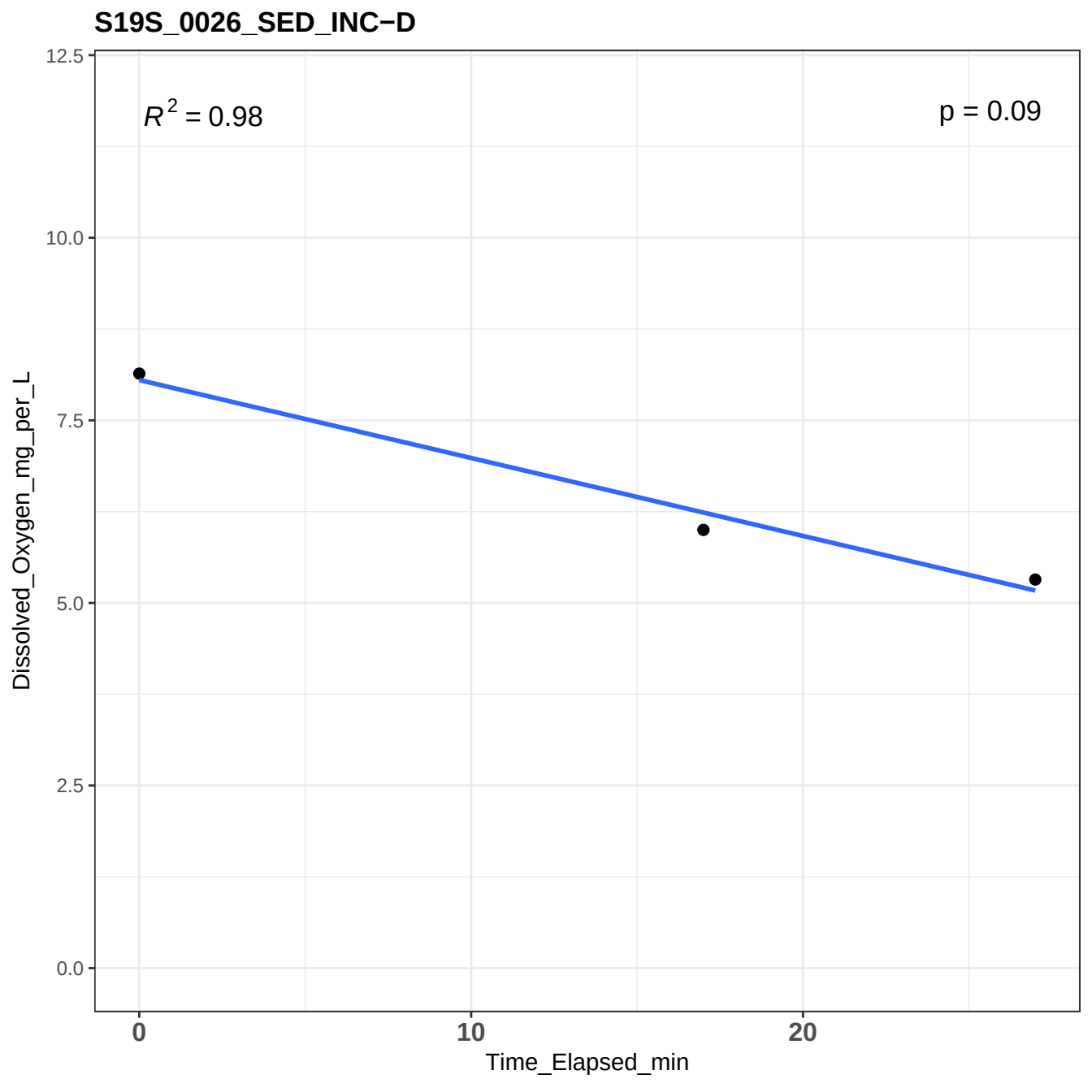

S19S_0023_SED_INC−M
R^2 = 0.99
p = 0.06
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
Time_Elapsed_min

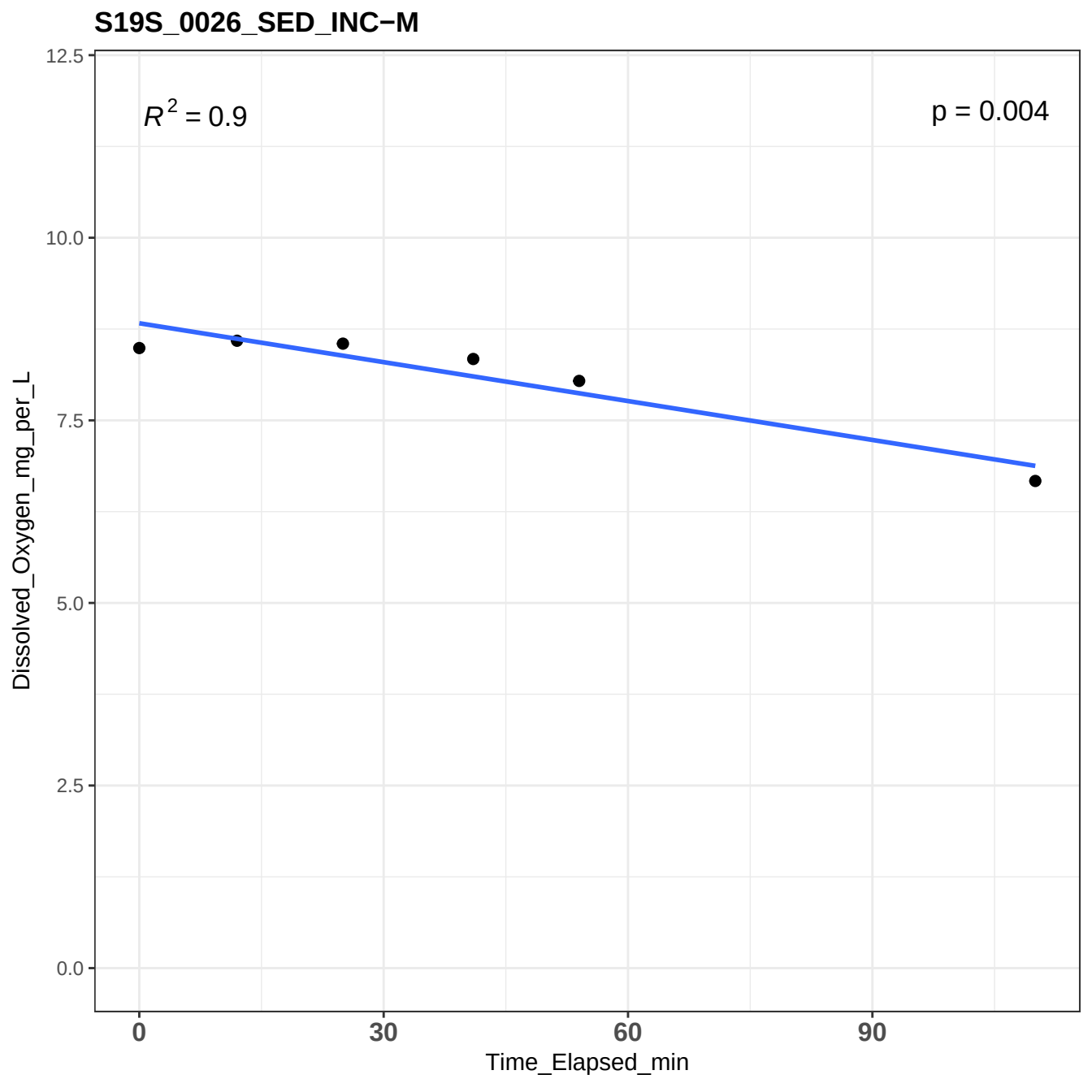

S19S_0023_SED_INC−U
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
Time_Elapsed_min

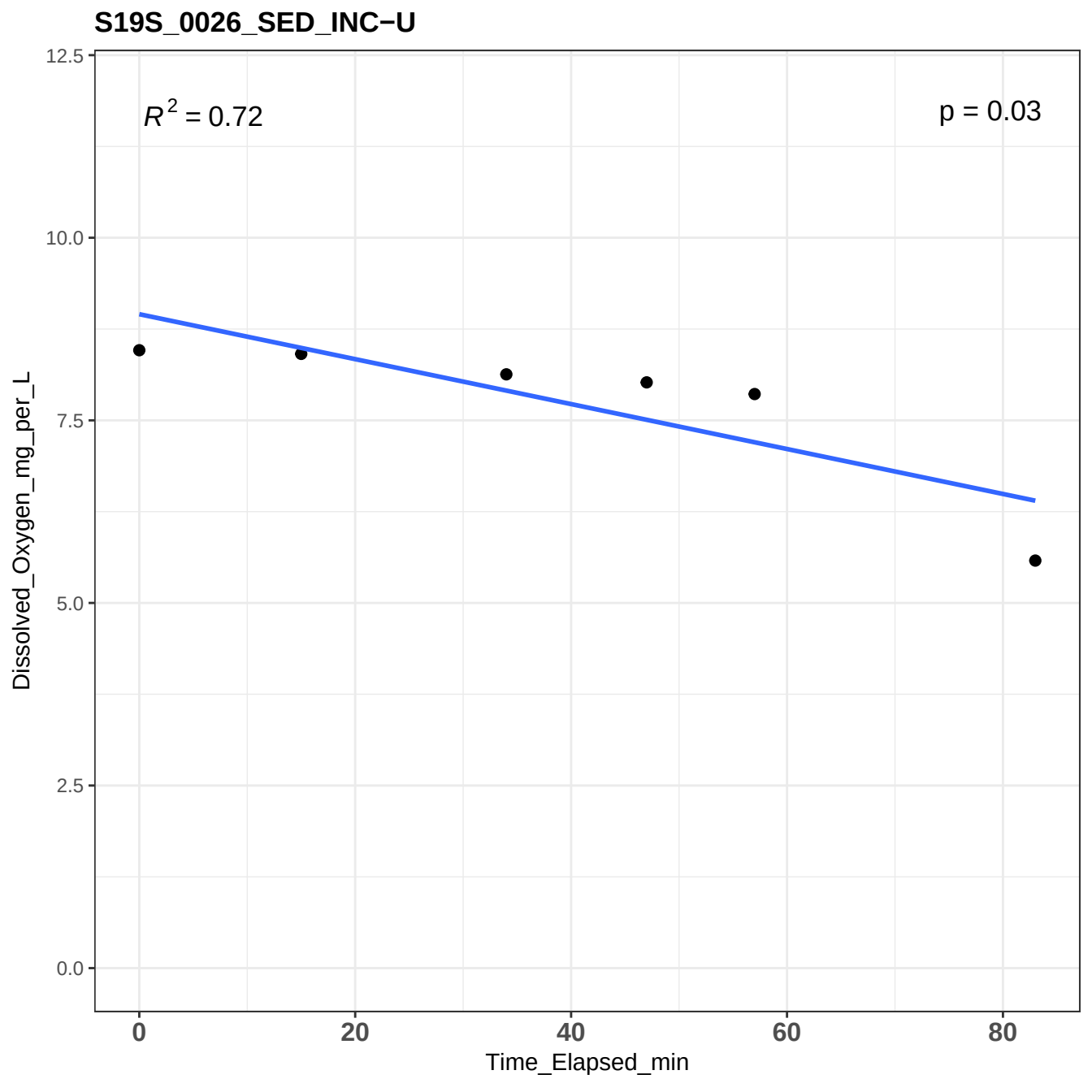

S19S_0025_SED_INC−D
$R^2 = 1$
p = NaN
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
5
10
Time_Elapsed_min

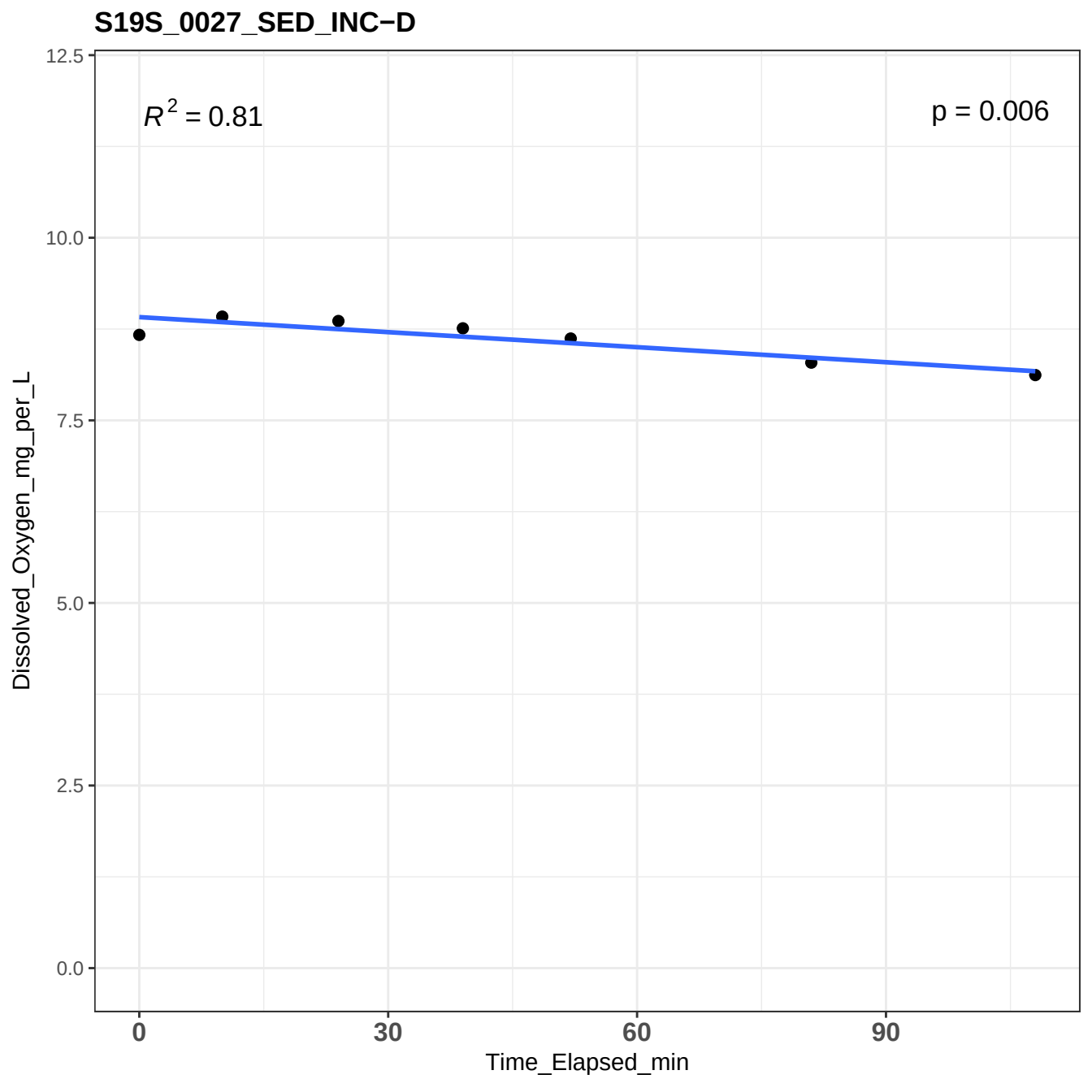

S19S_0025_SED_INC−M
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
Time_Elapsed_min

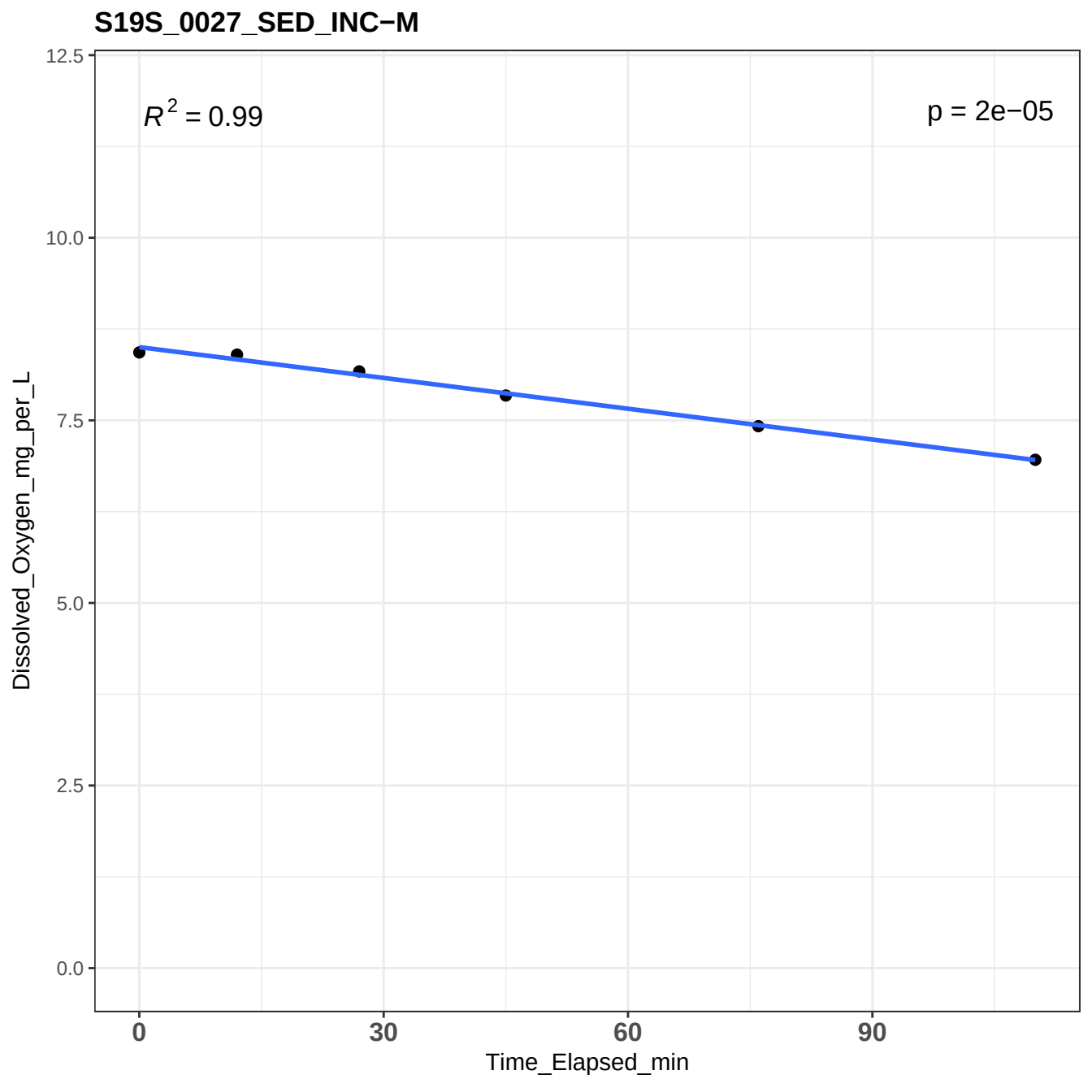

S19S_0025_SED_INC−U
R^2 = 0.98
p = 0.08
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
5
10
15
20
25
Time_Elapsed_min

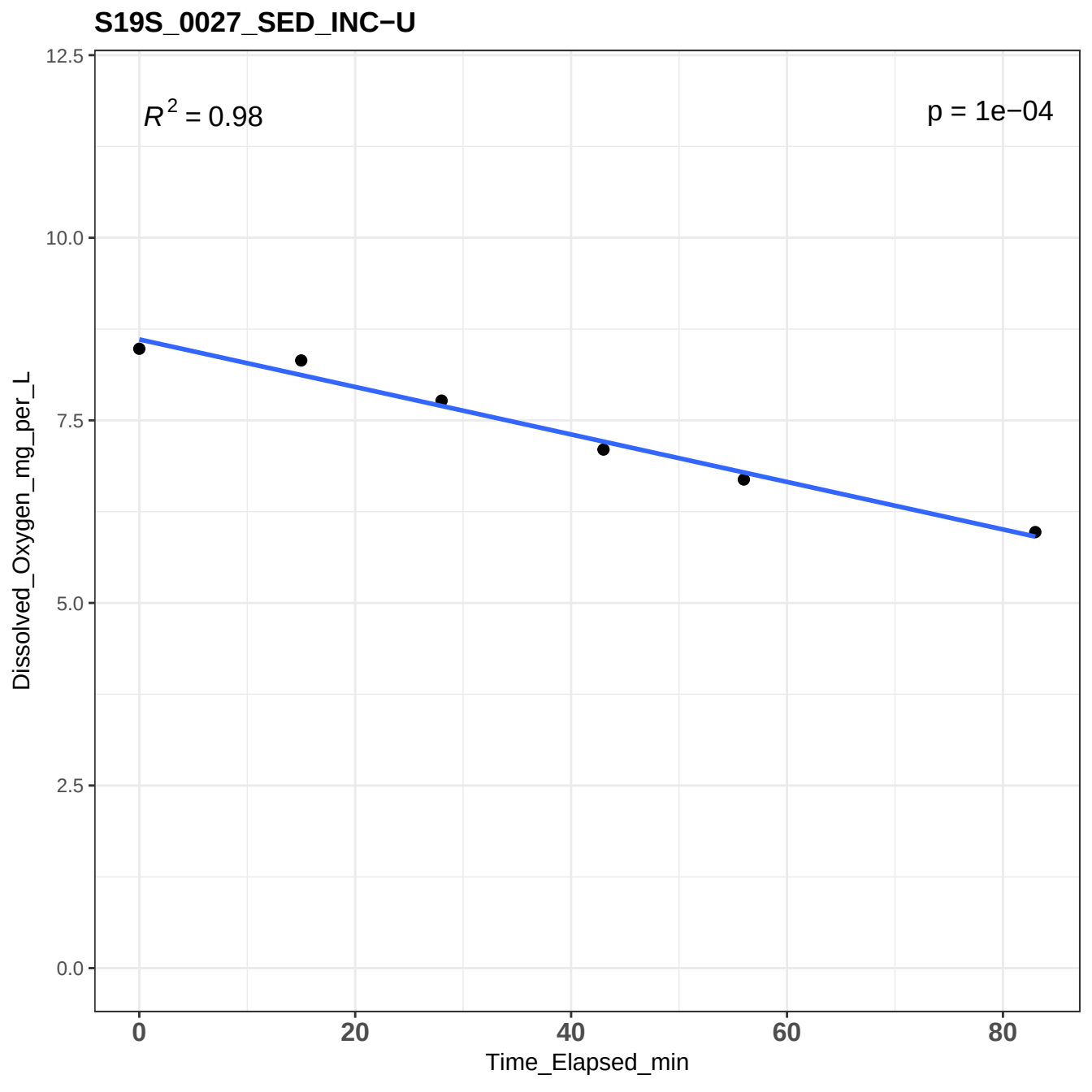

S19S_0026_SED_INC−D
R^2 = 0.98
p = 0.09
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
Time_Elapsed_min

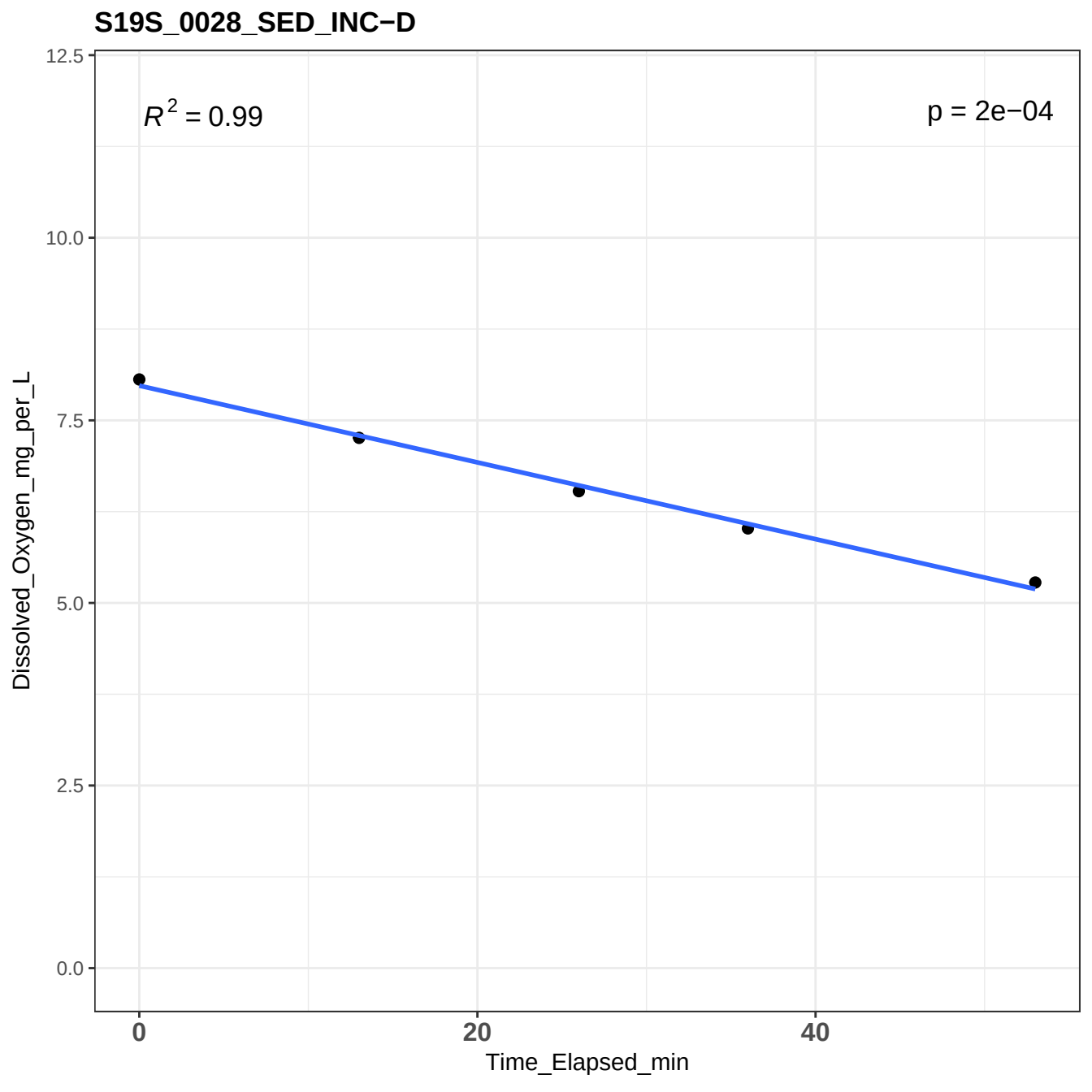

S19S_0026_SED_INC−M
R^2 = 0.9
p = 0.004
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
30
60
90
Time_Elapsed_min

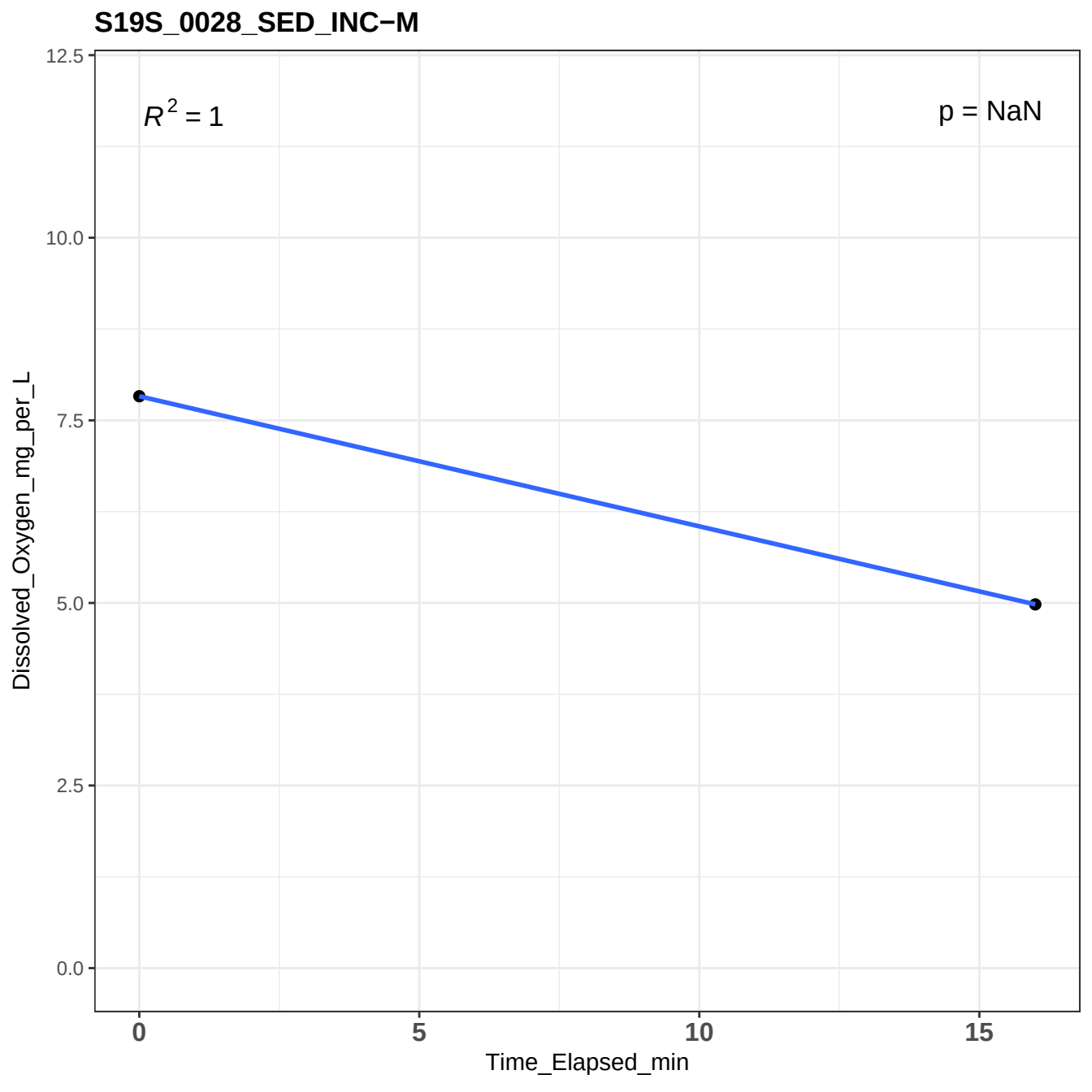

S19S_0026_SED_INC−U
R^2 = 0.72
p = 0.03
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
20
40
60
80
Time_Elapsed_min

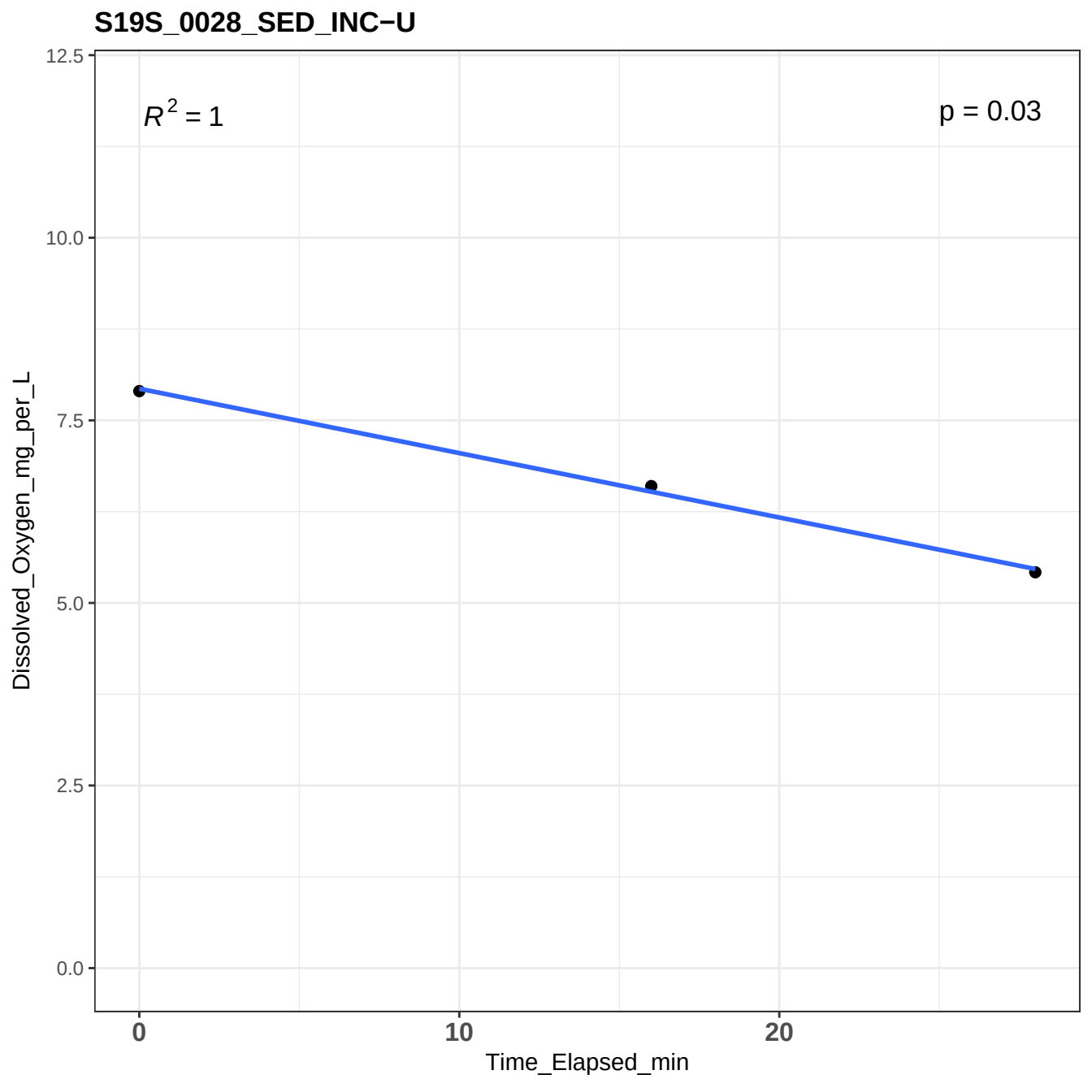

S19S_0027_SED_INC−D
R^2 = 0.81
p = 0.006
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
30
60
90
Time_Elapsed_min

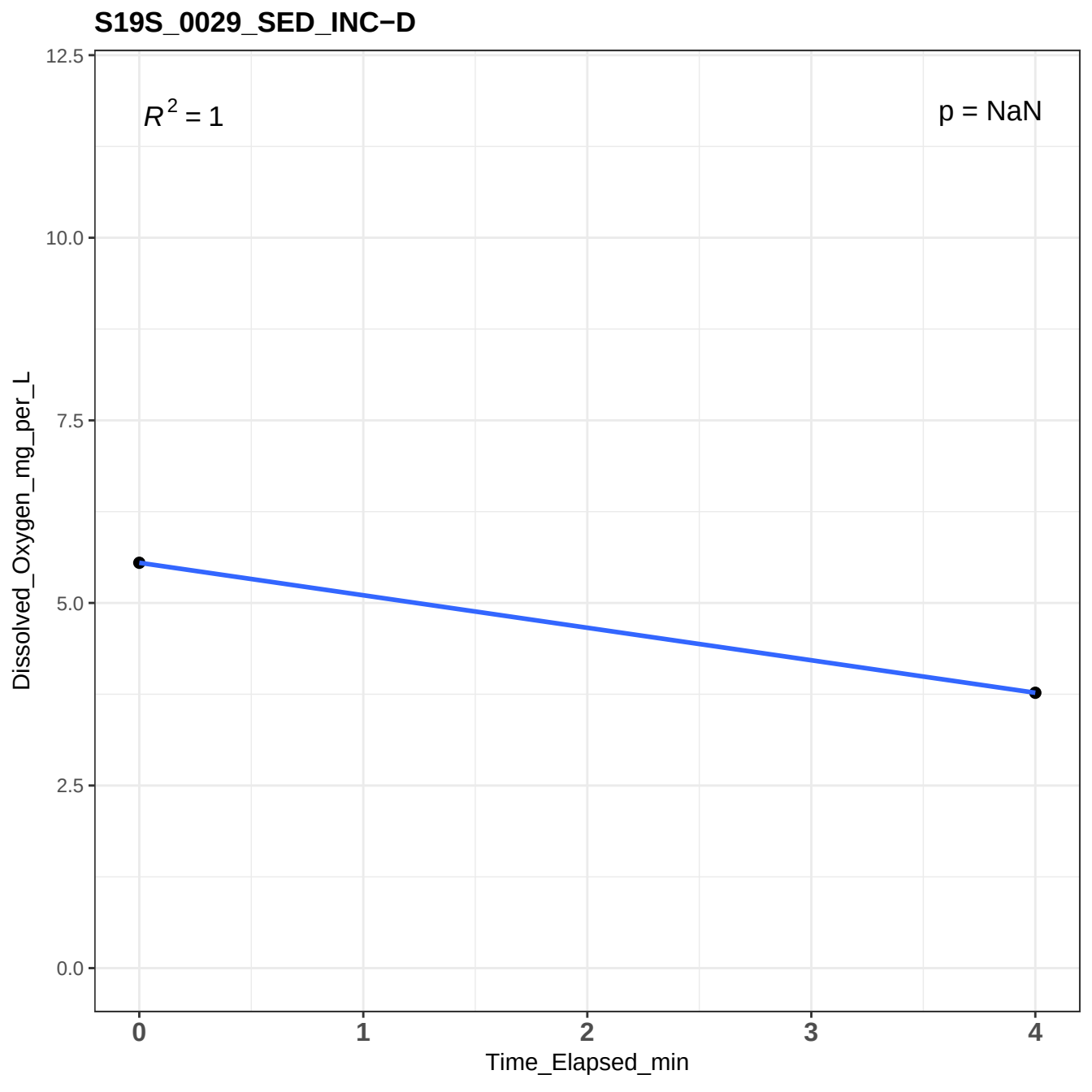

S19S_0027_SED_INC−M
R^2 = 0.99
p = 2e−05
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
30
60
90
Time_Elapsed_min

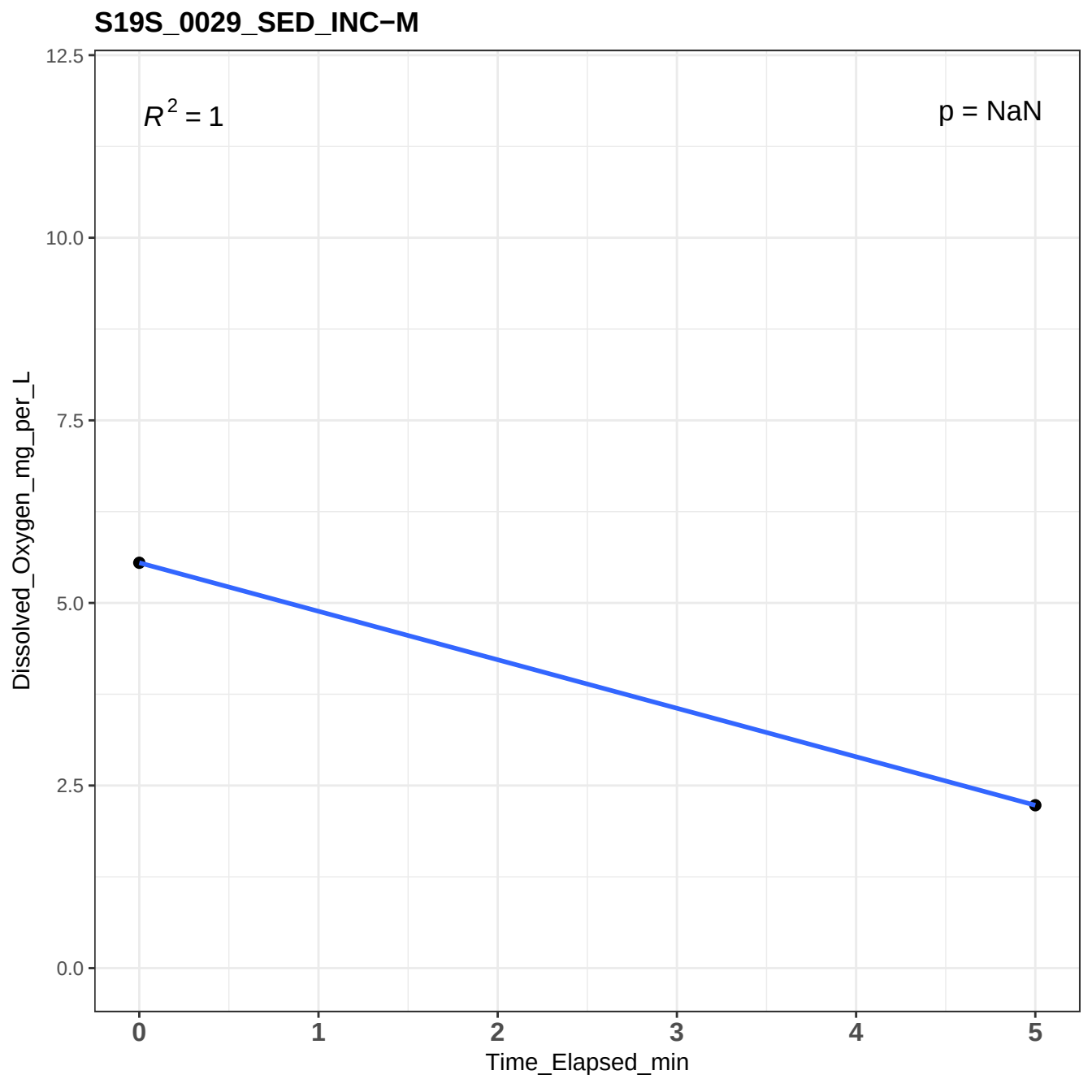

S19S_0027_SED_INC−U
R^2 = 0.98
p = 1e−04
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
20
40
60
80
Time_Elapsed_min

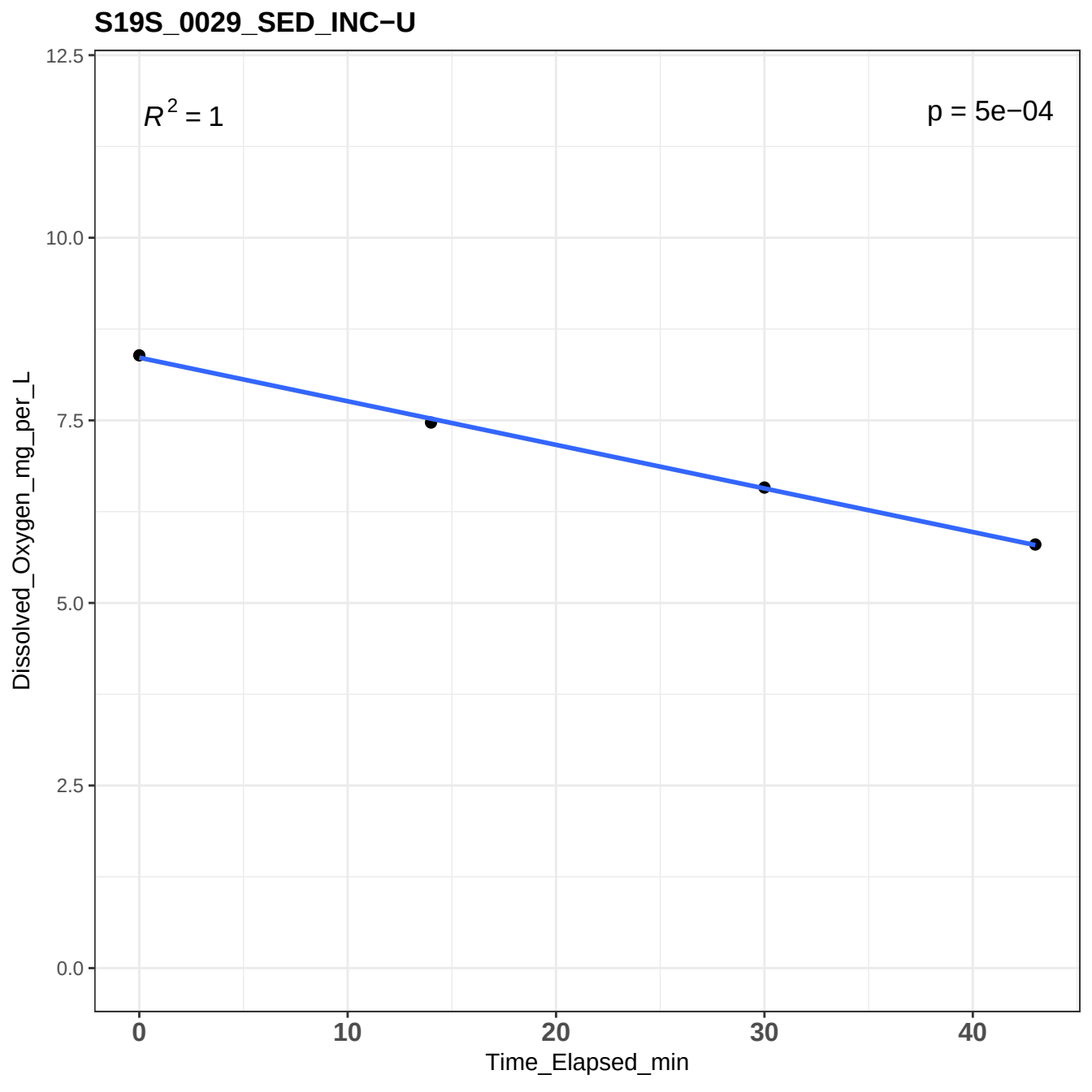

S19S_0028_SED_INC−D
R^2 = 0.99
p = 2e−04
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
20
40
Time_Elapsed_min

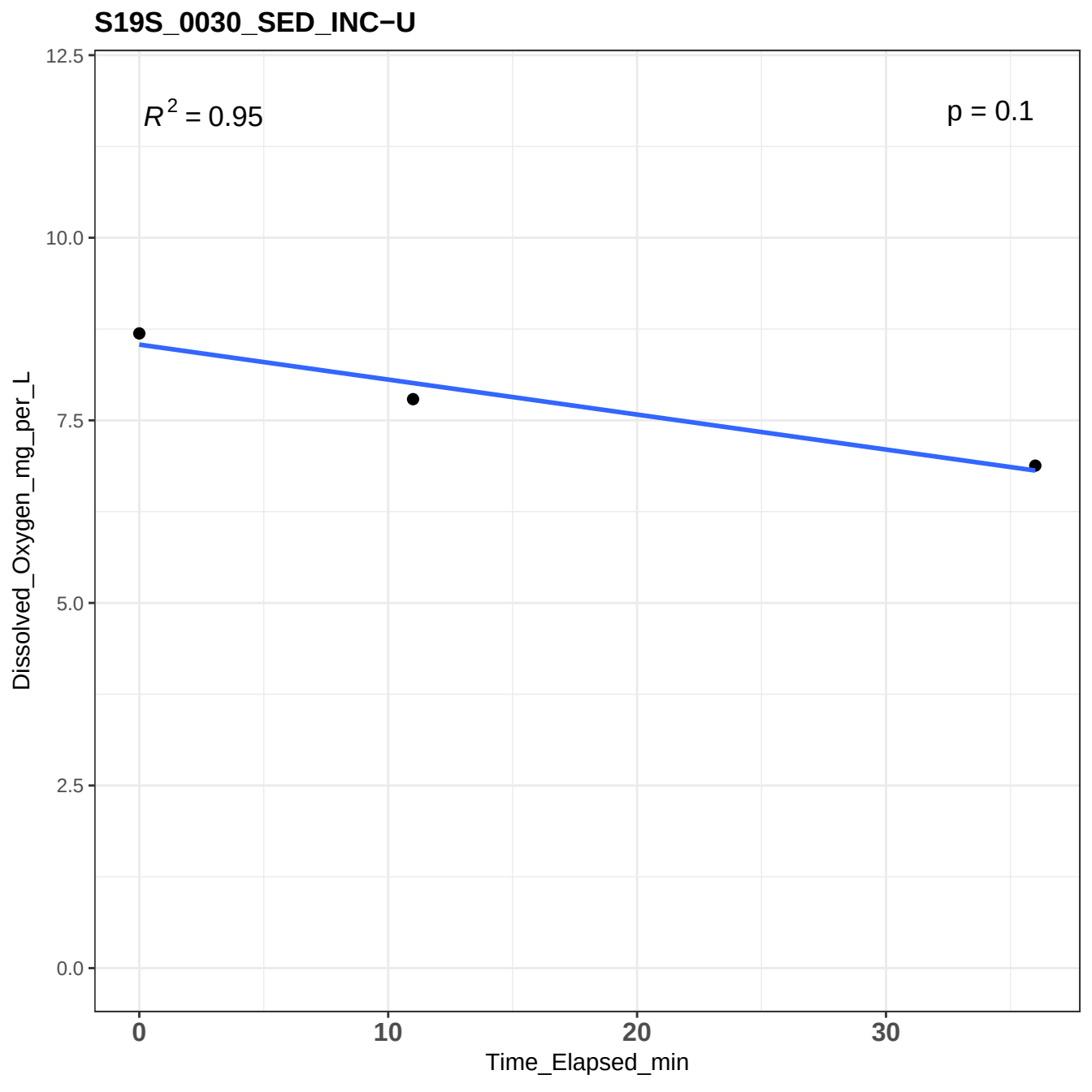

S19S_0028_SED_INC−M
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
15
Time_Elapsed_min

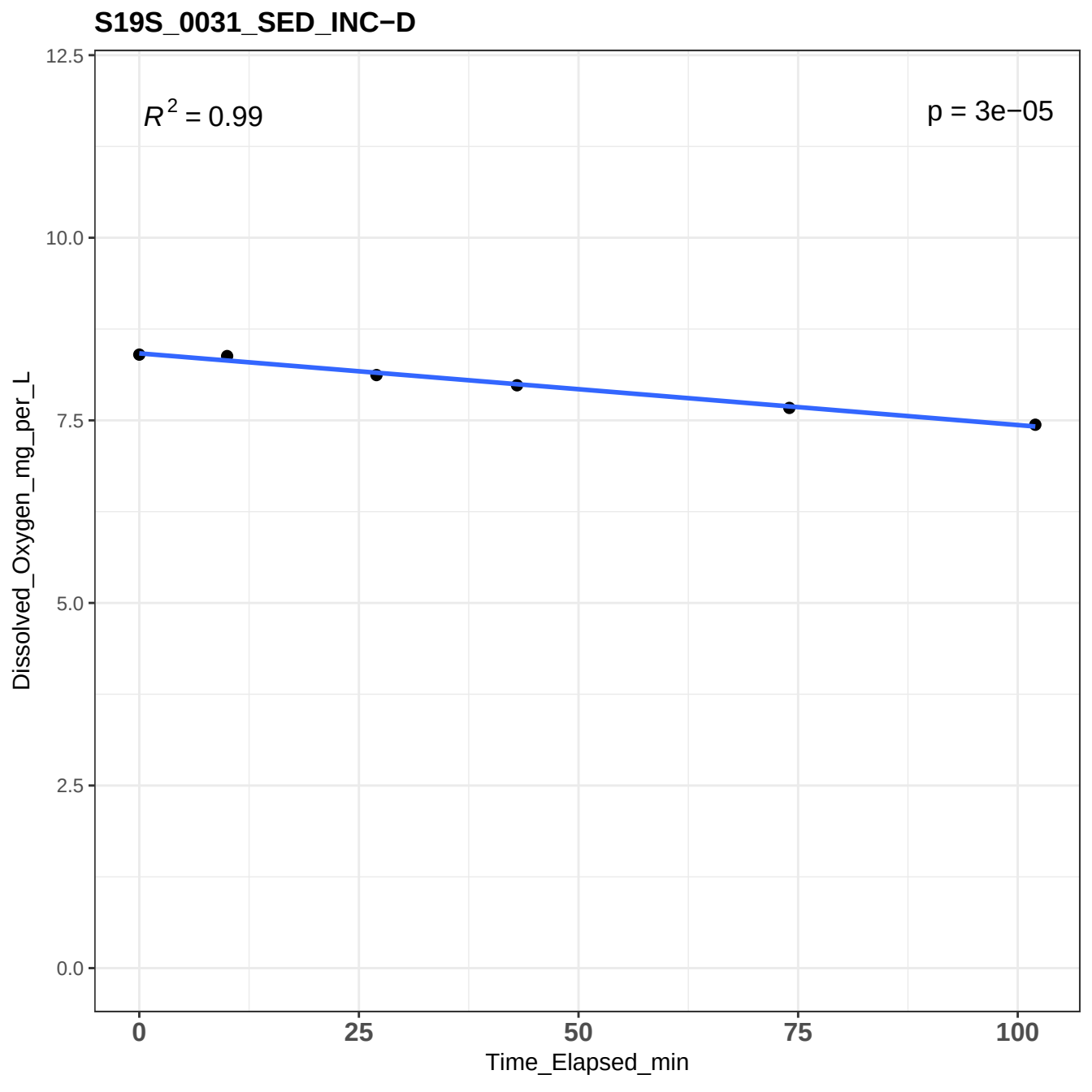

S19S_0028_SED_INC−U
$R^2 = 1$
p = 0.03
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
Time_Elapsed_min

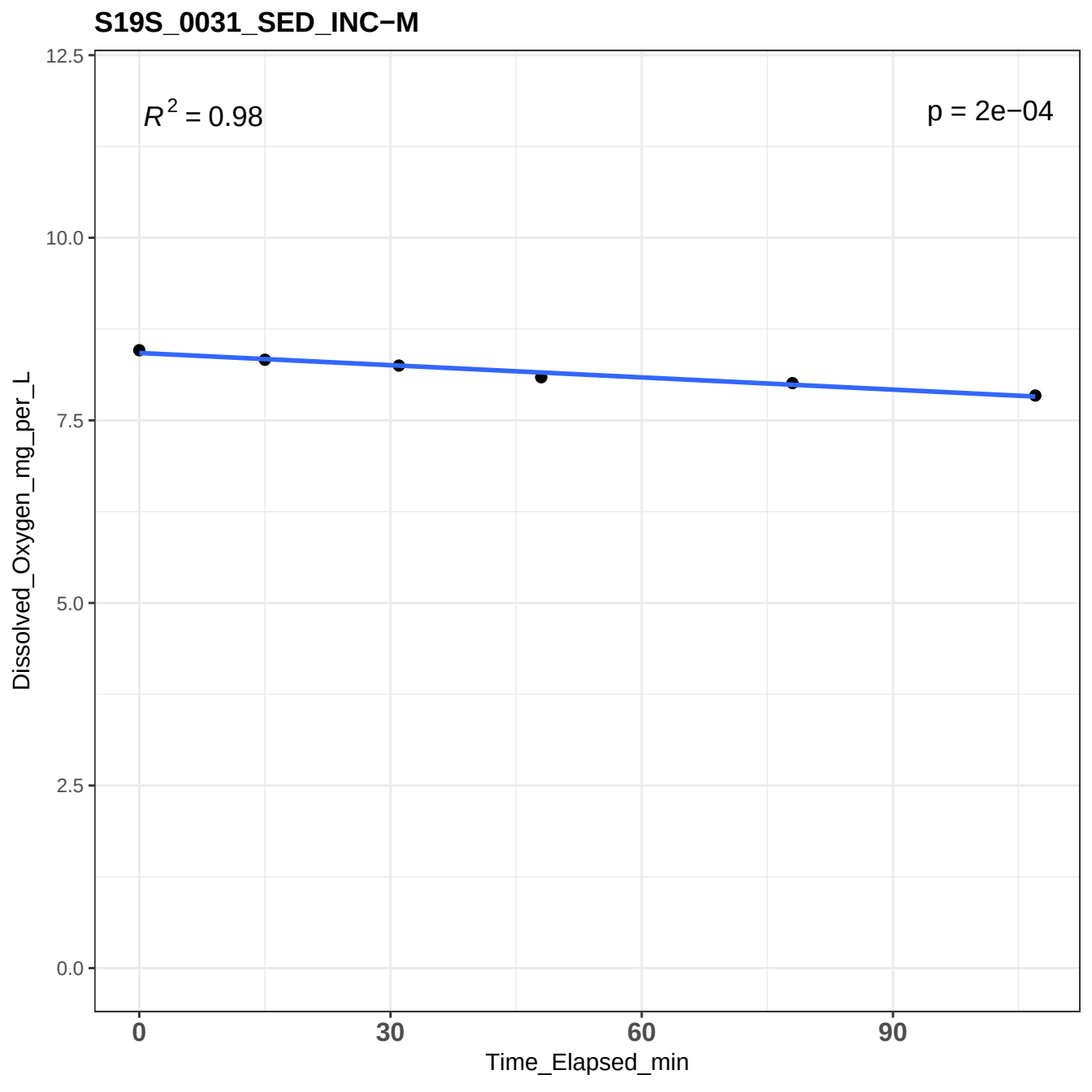

S19S_0029_SED_INC−D
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
1
2
3
4
Time_Elapsed_min

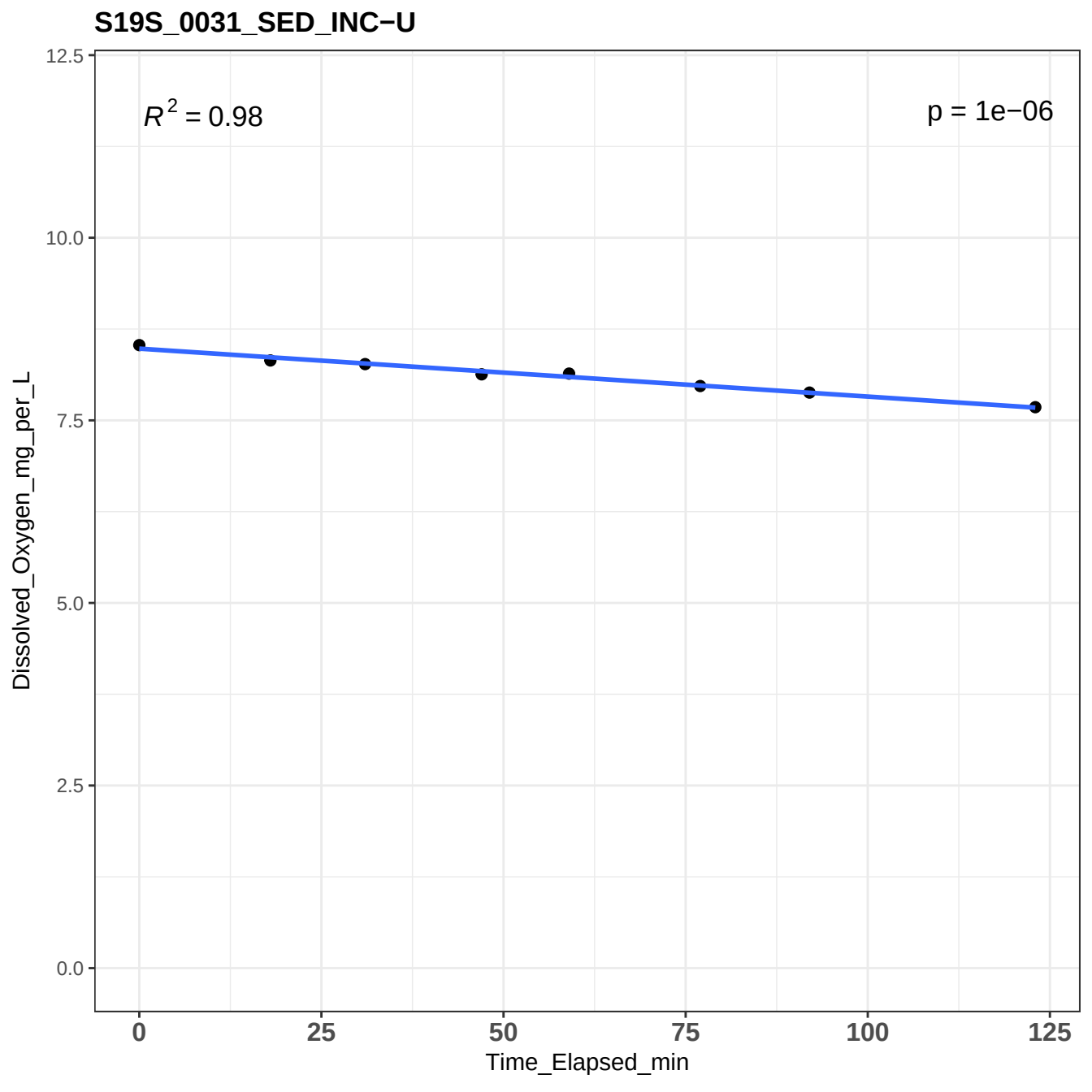

S19S_0029_SED_INC−M
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
1
2
3
4
5
Time_Elapsed_min

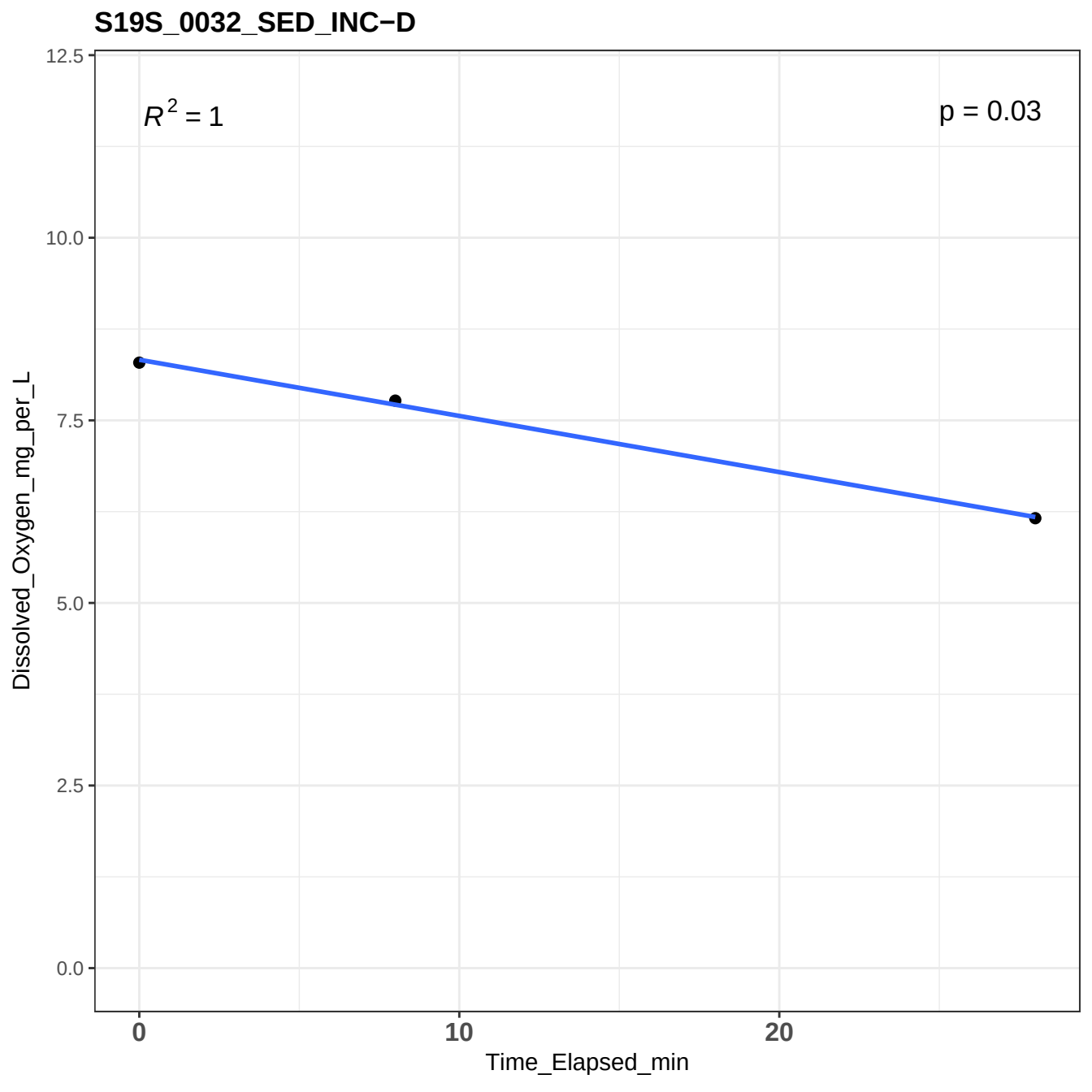

S19S_0029_SED_INC−U
$R^2 = 1$
p = 5e−04
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
30
40
Time_Elapsed_min

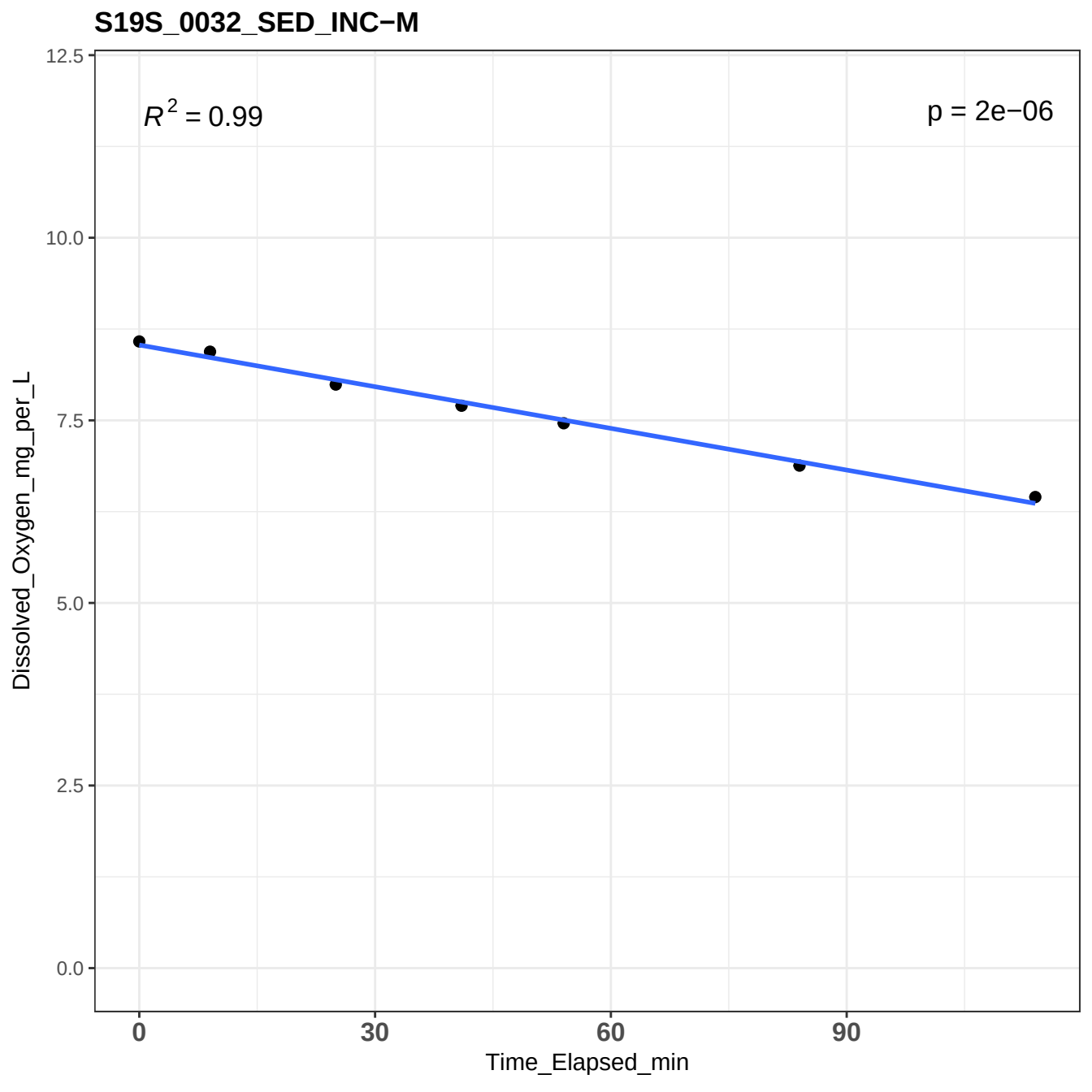

S19S_0030_SED_INC−U
R^2 = 0.95
p = 0.1
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
Time_Elapsed_min

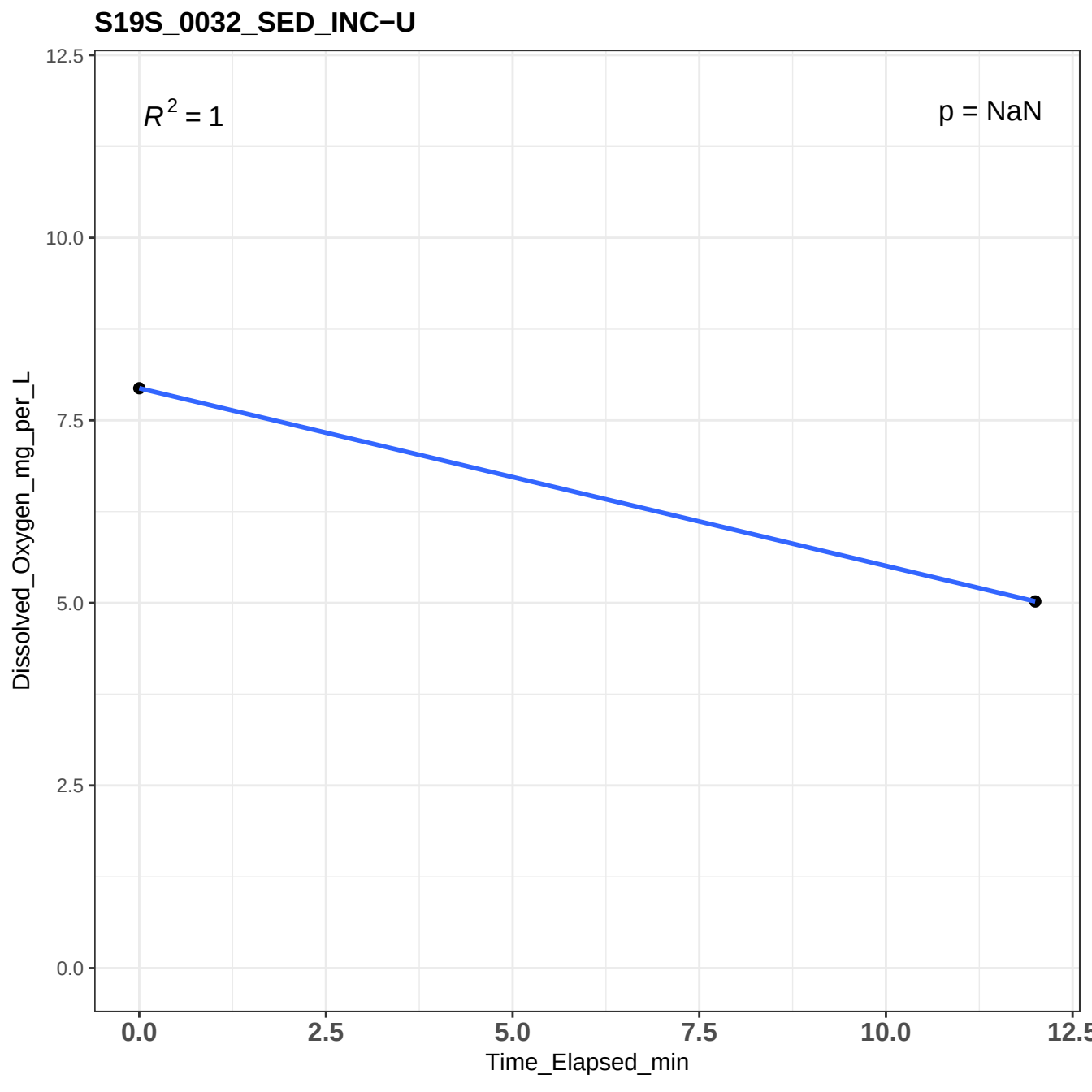

S19S_0031_SED_INC−D
R^2 = 0.99
p = 3e−05
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
Time_Elapsed_min

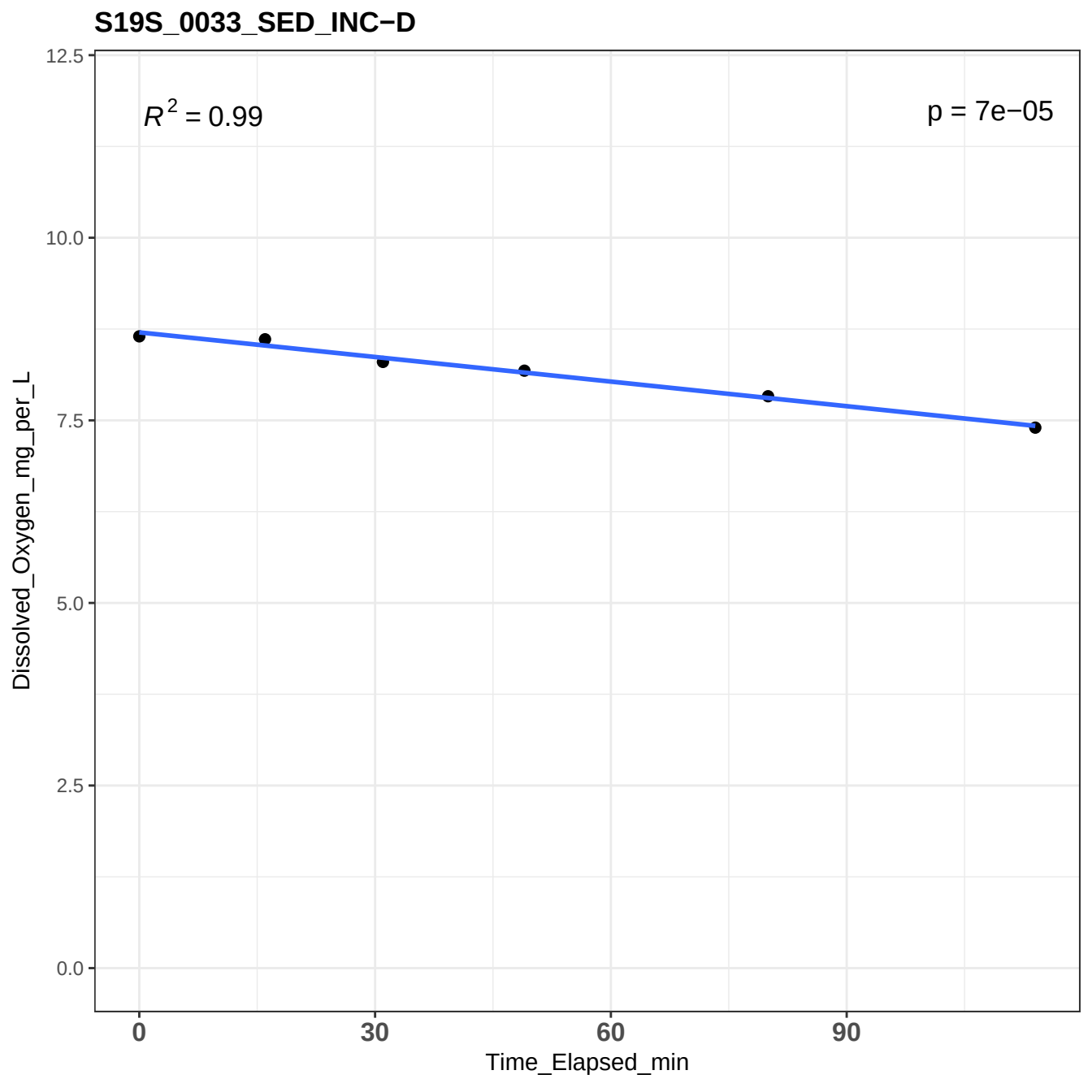

S19S_0031_SED_INC−M
R^2 = 0.98
p = 2e−04
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
Time_Elapsed_min

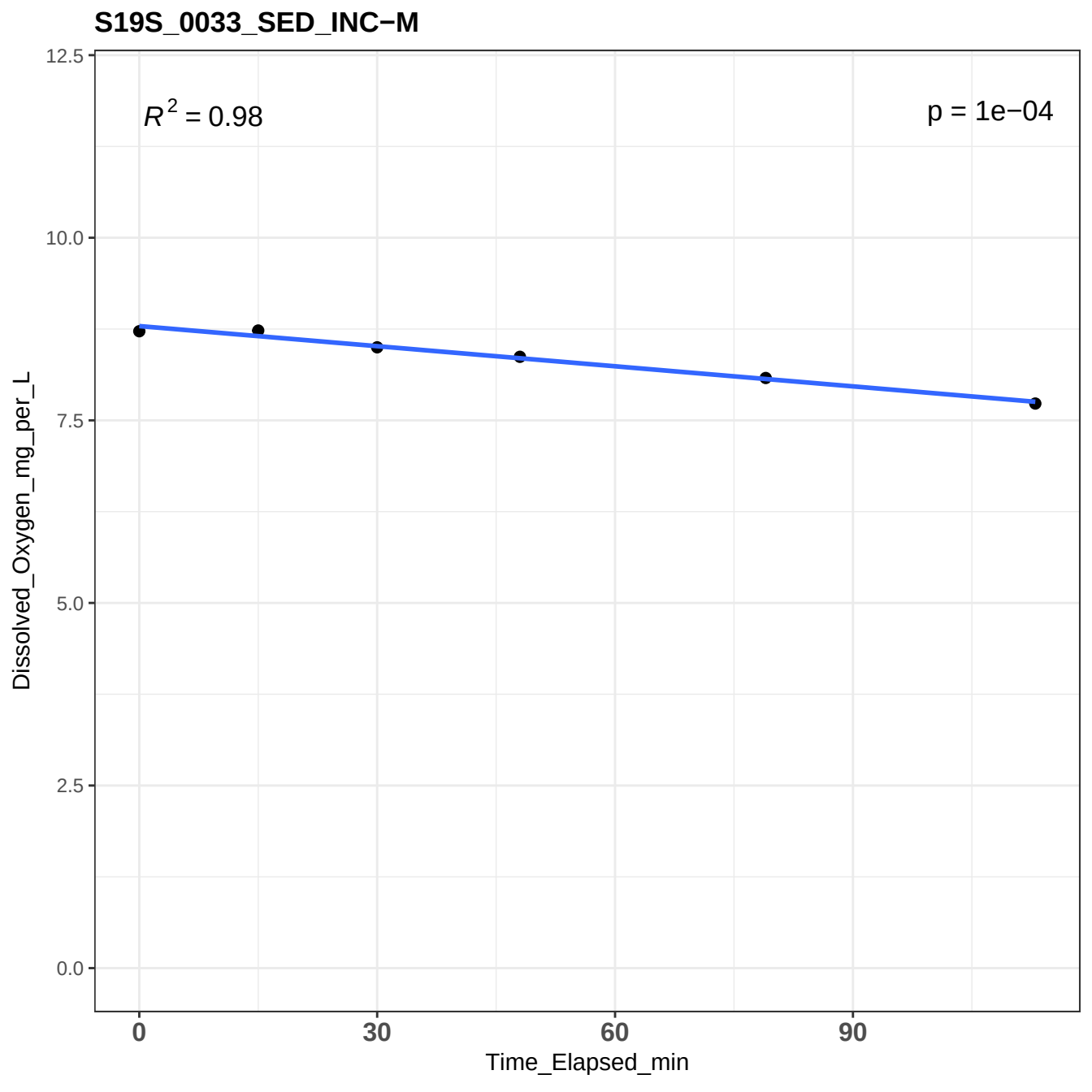

S19S_0031_SED_INC−U
R^2 = 0.98
p = 1e−06
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
125
Time_Elapsed_min

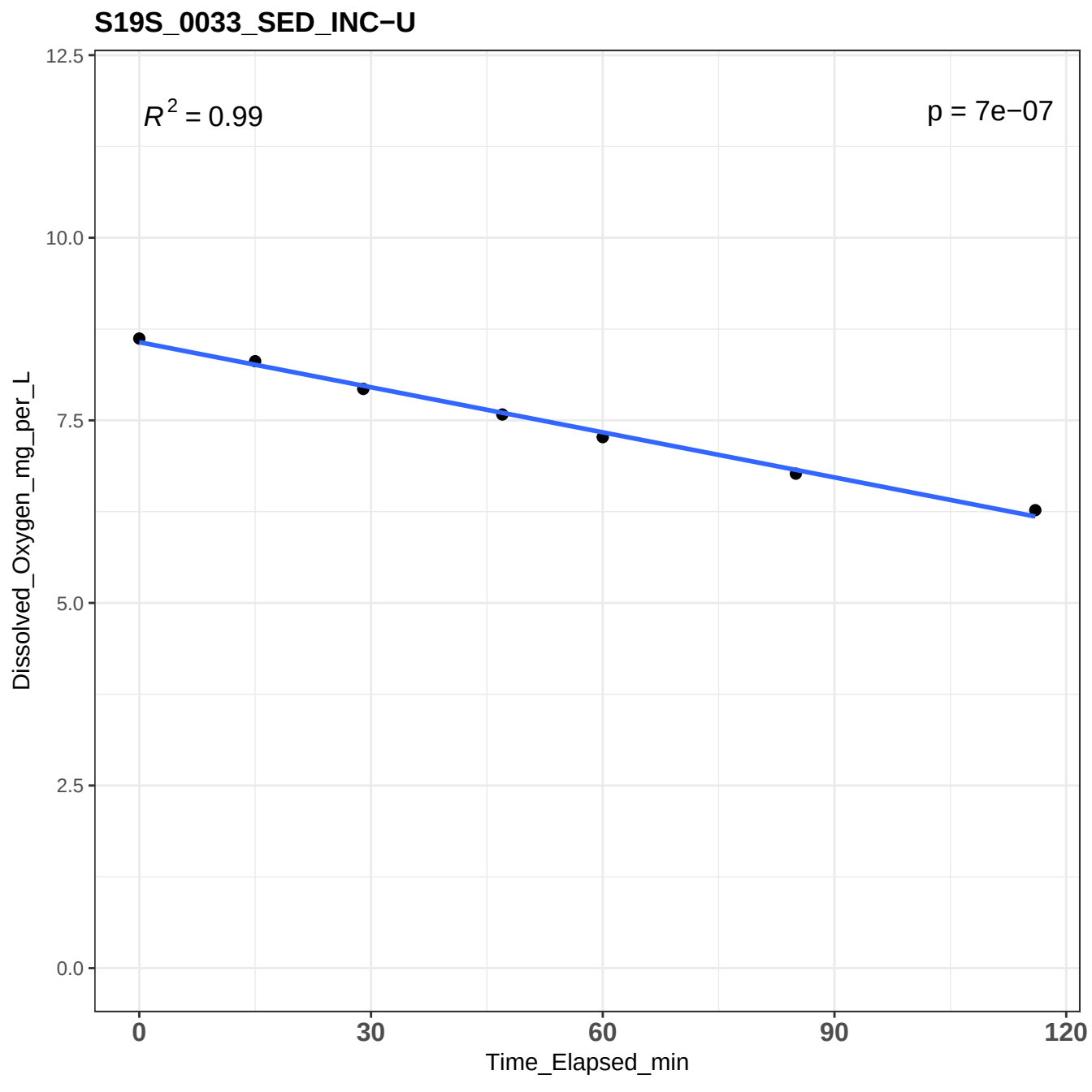

S19S_0032_SED_INC−D
$R^2 = 1$
p = 0.03
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
Time_Elapsed_min

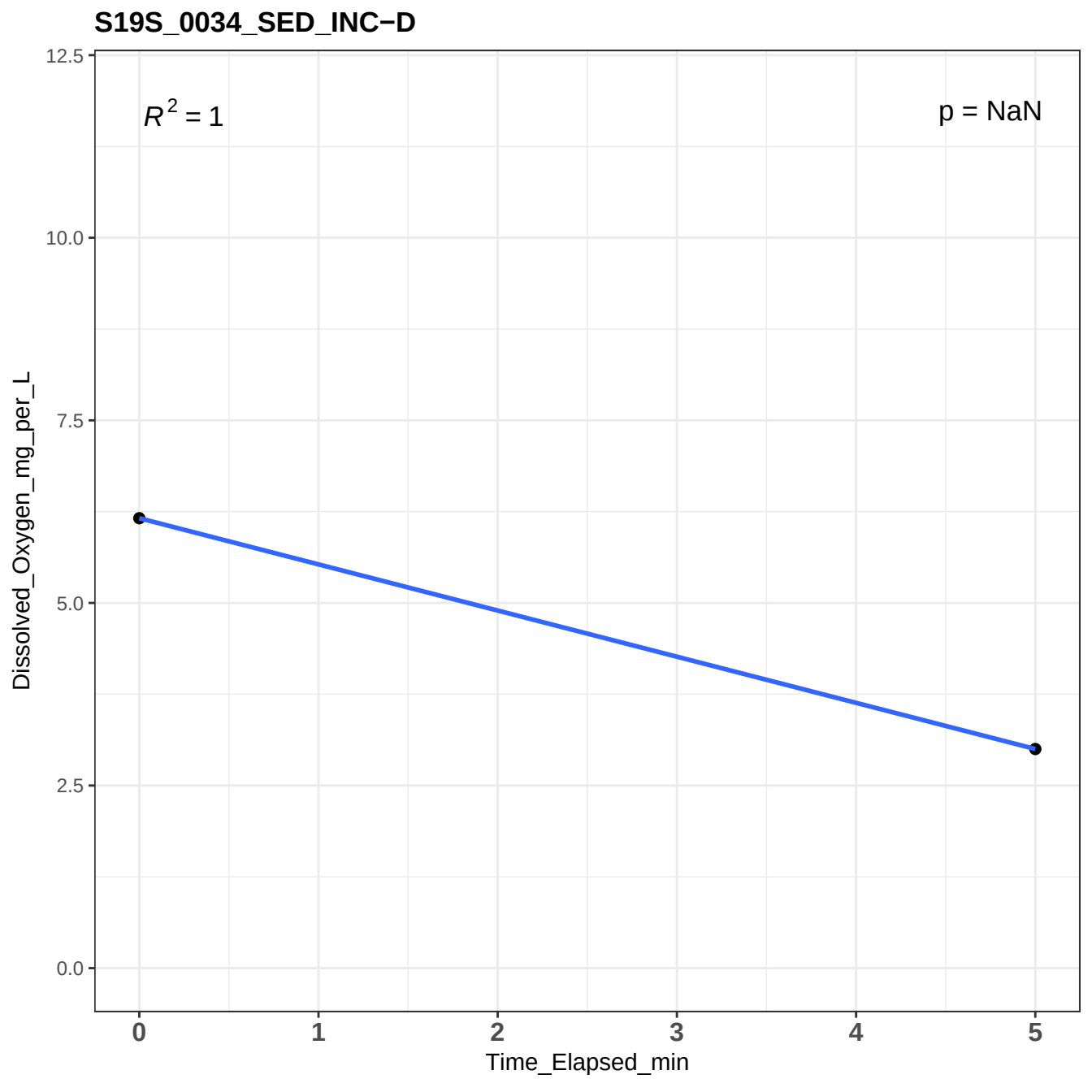

S19S_0032_SED_INC−M
R^2 = 0.99
p = 2e−06
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
Time_Elapsed_min

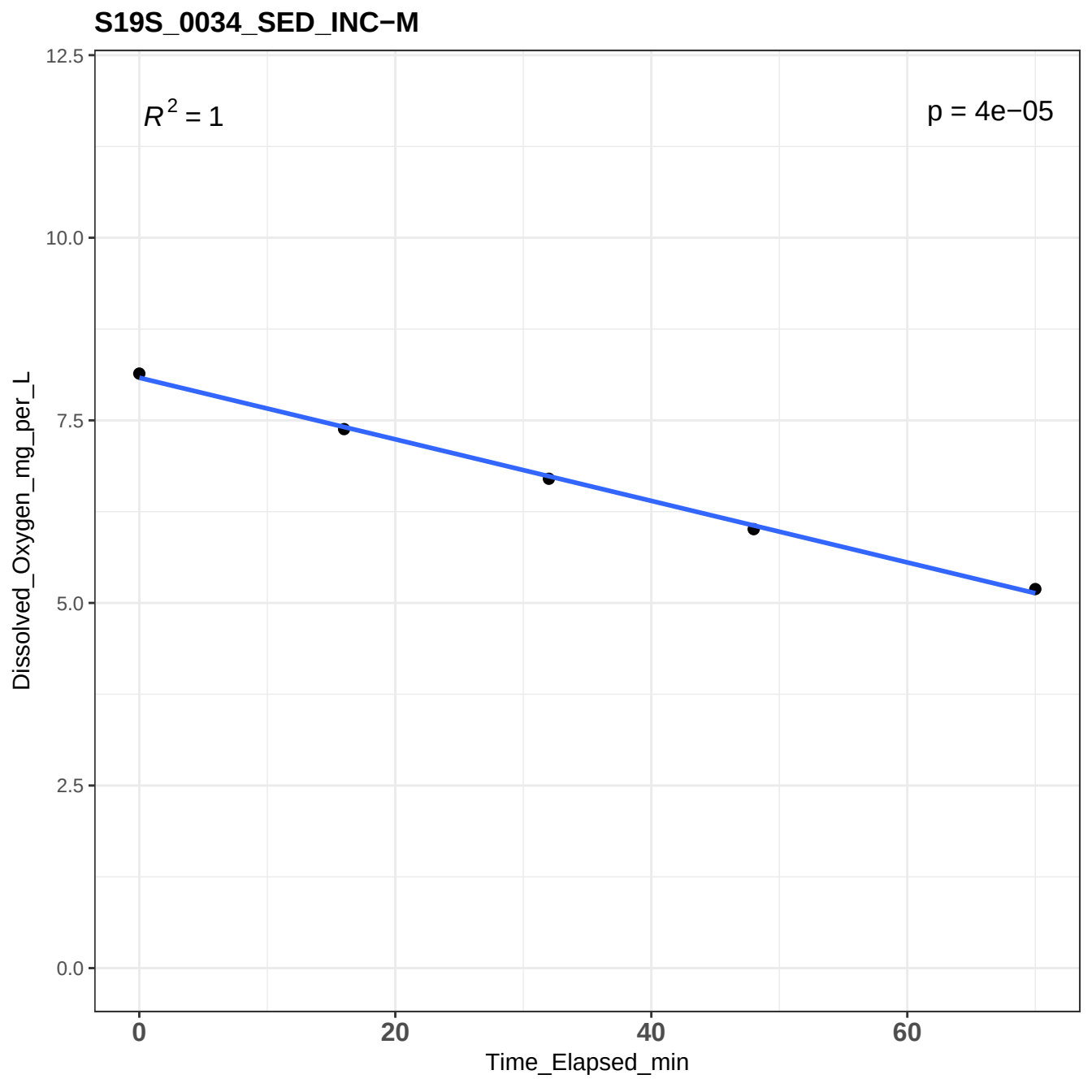

S19S_0032_SED_INC−U
$R^2 = 1$
p = NaN
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0.0
2.5
5.0
7.5
10.0
12.5
Time_Elapsed_min

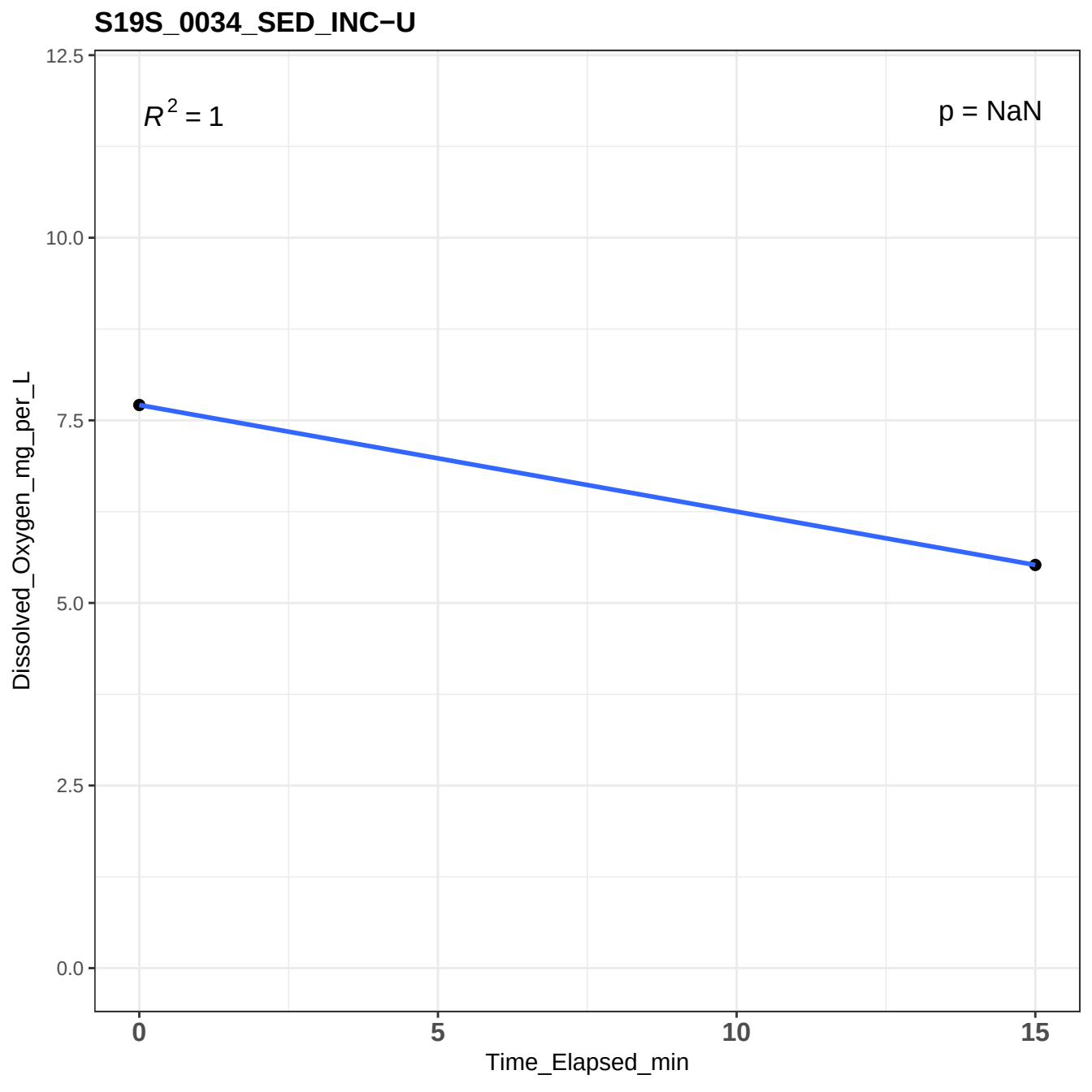

S19S_0033_SED_INC−D
R^2 = 0.99
p = 7e−05
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
30
60
90
Time_Elapsed_min

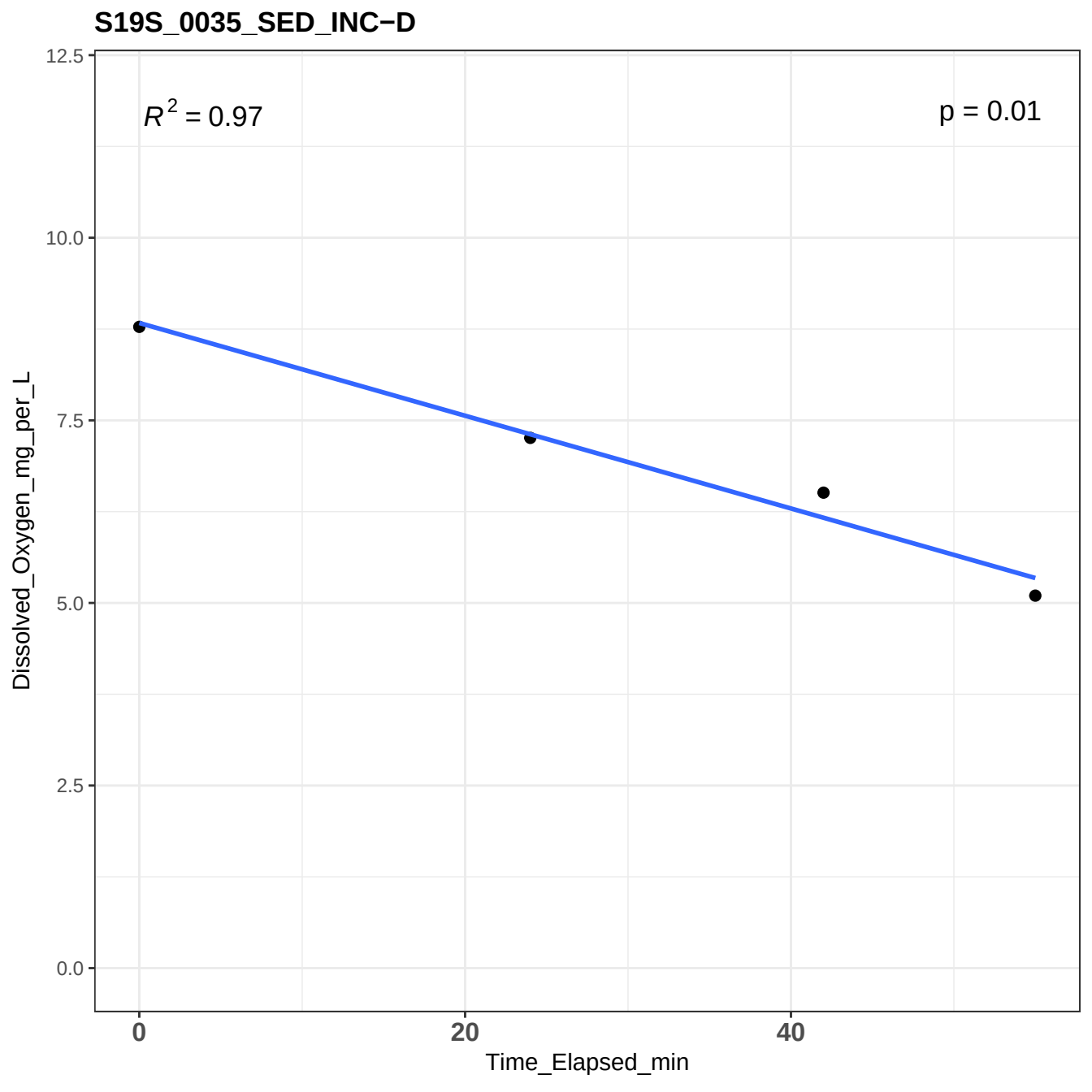

S19S_0033_SED_INC−M
R^2 = 0.98
p = 1e−04
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
30
60
90
Time_Elapsed_min

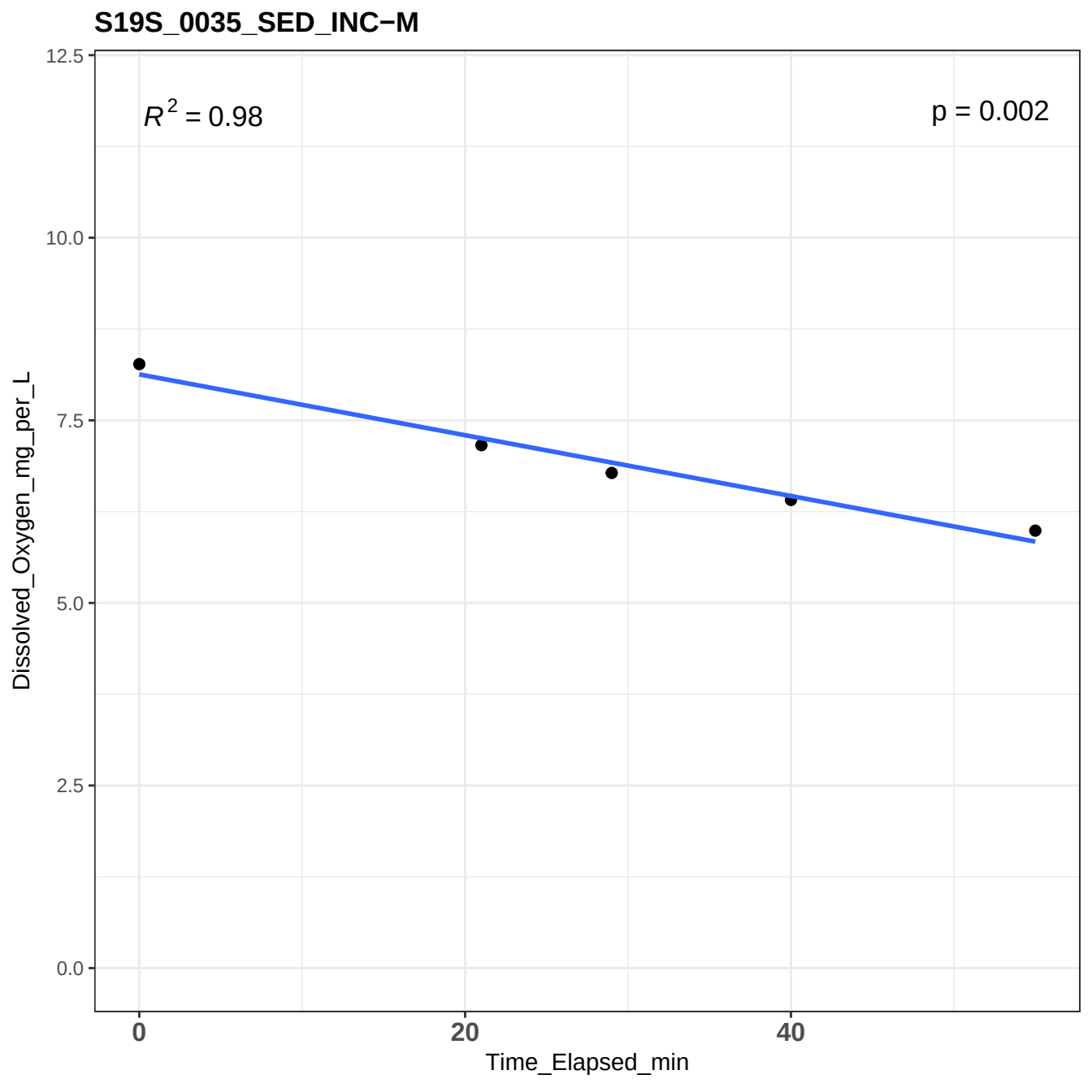

S19S_0033_SED_INC−U
R^2 = 0.99
p = 7e−07
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
120
Time_Elapsed_min

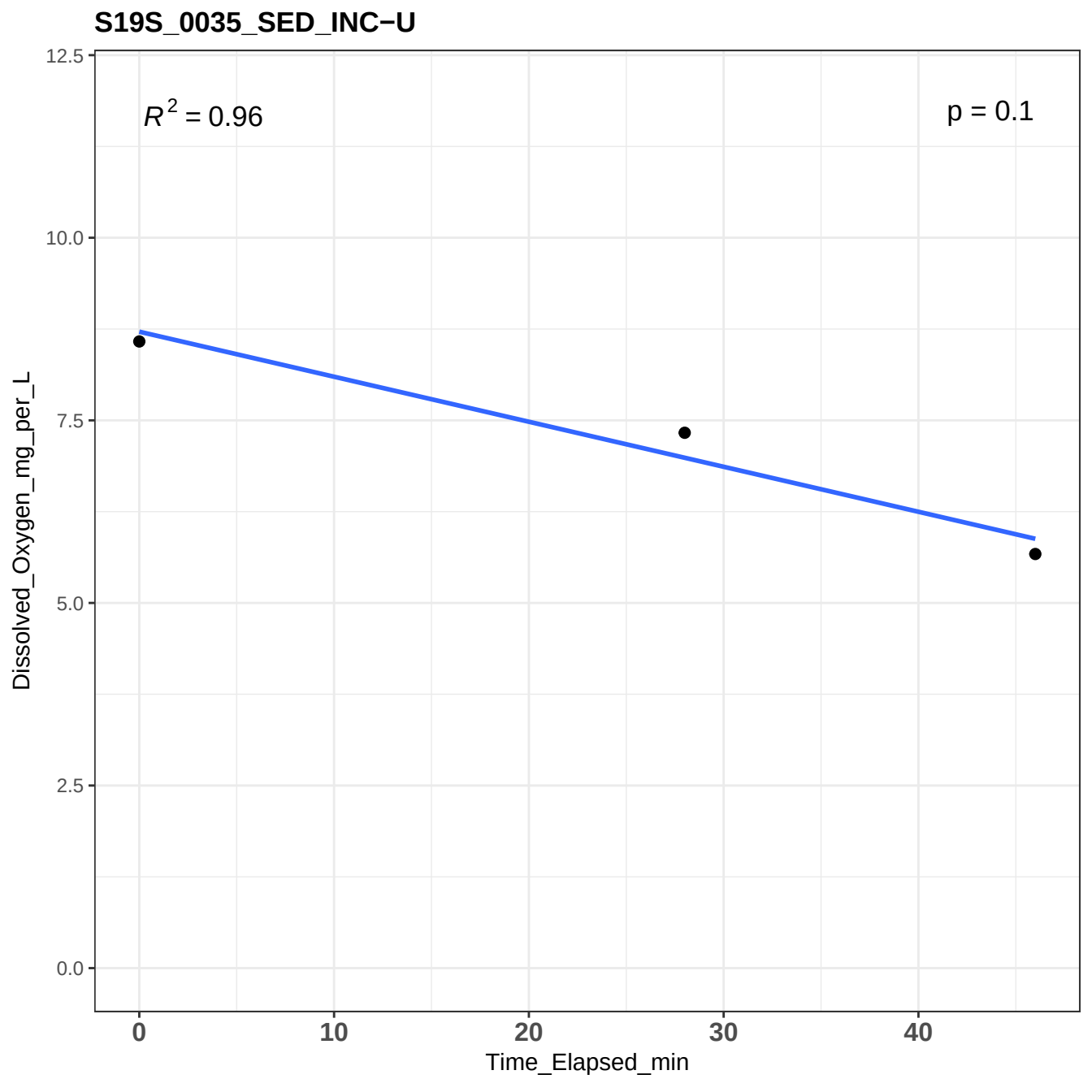

S19S_0034_SED_INC−D
$R^2 = 1$
p = NaN
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
1
2
3
4
5
Time_Elapsed_min

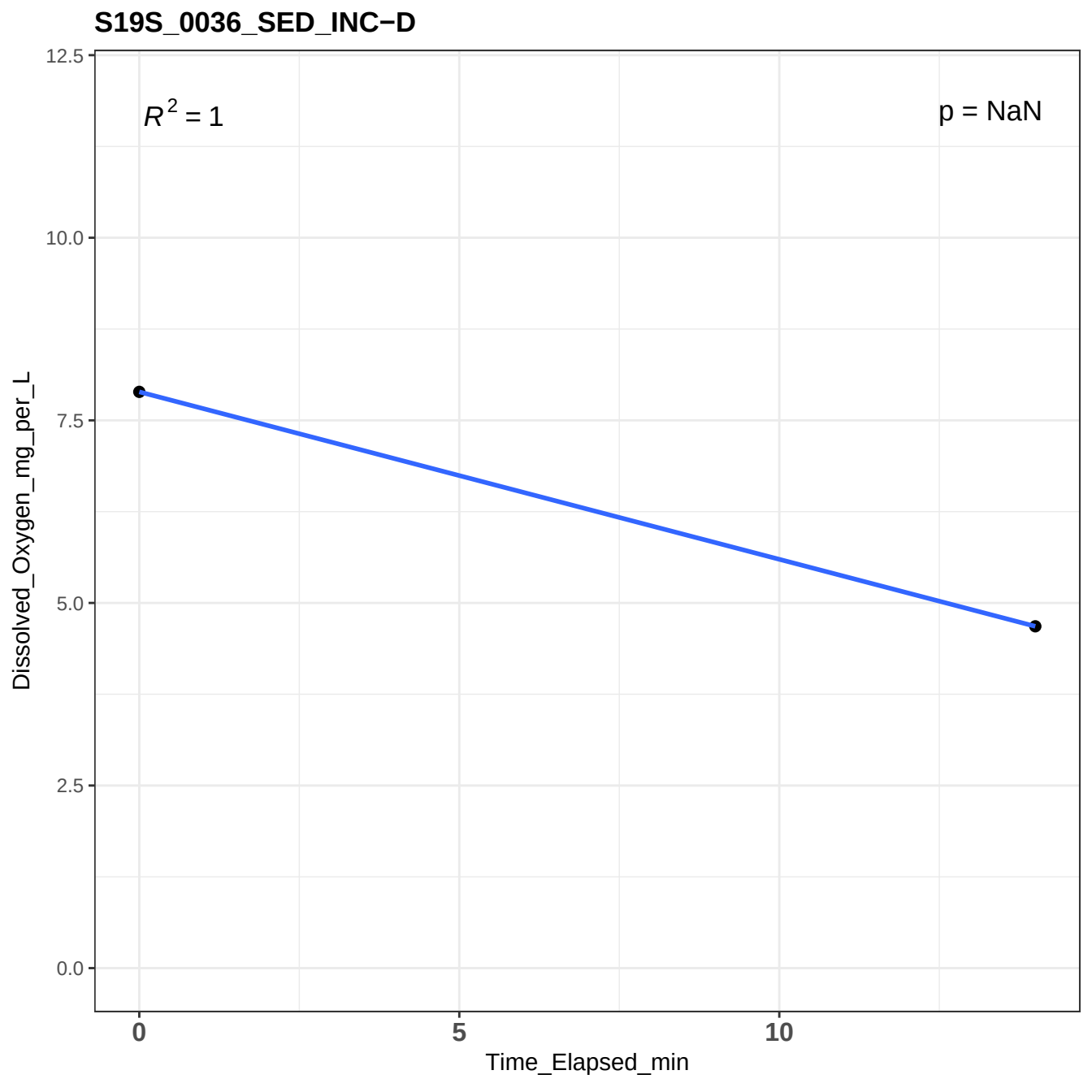

S19S_0034_SED_INC−M
$R^2 = 1$
p = 4e−05
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
20
40
60
Time_Elapsed_min

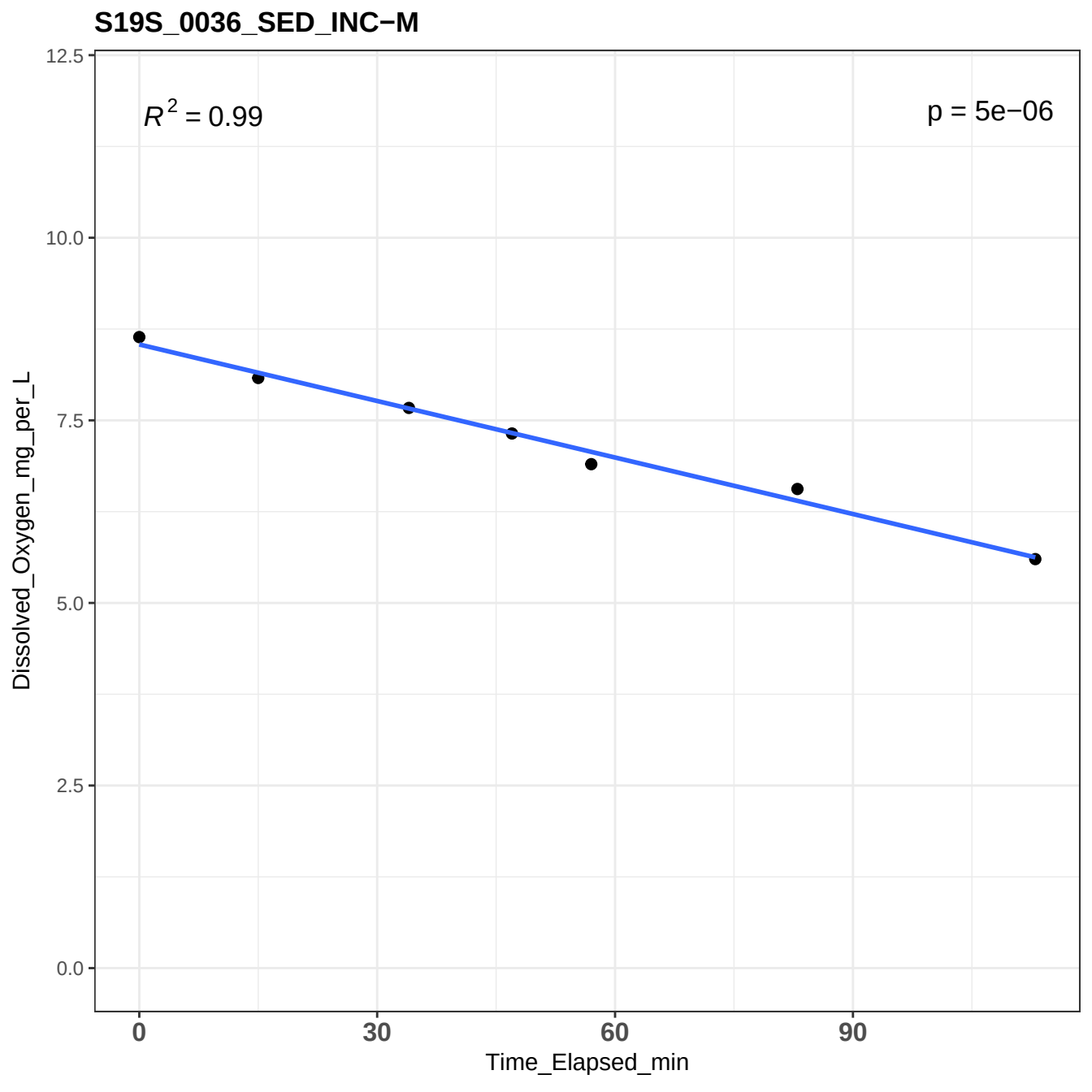

S19S_0034_SED_INC−U
$R^2 = 1$
p = NaN
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
5
10
15
Time_Elapsed_min

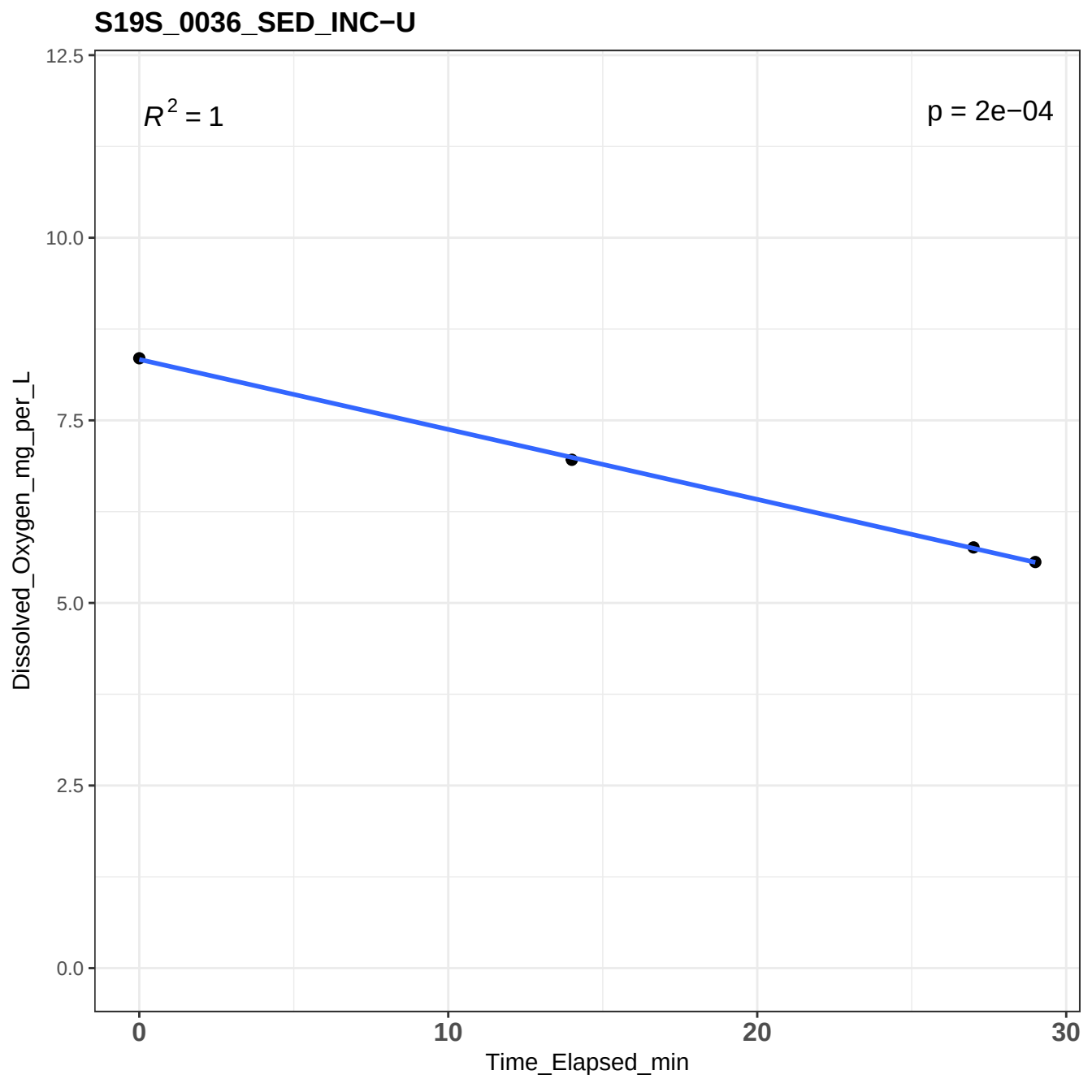

S19S_0035_SED_INC−D
R^2 = 0.97
p = 0.01
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
20
40
Time_Elapsed_min

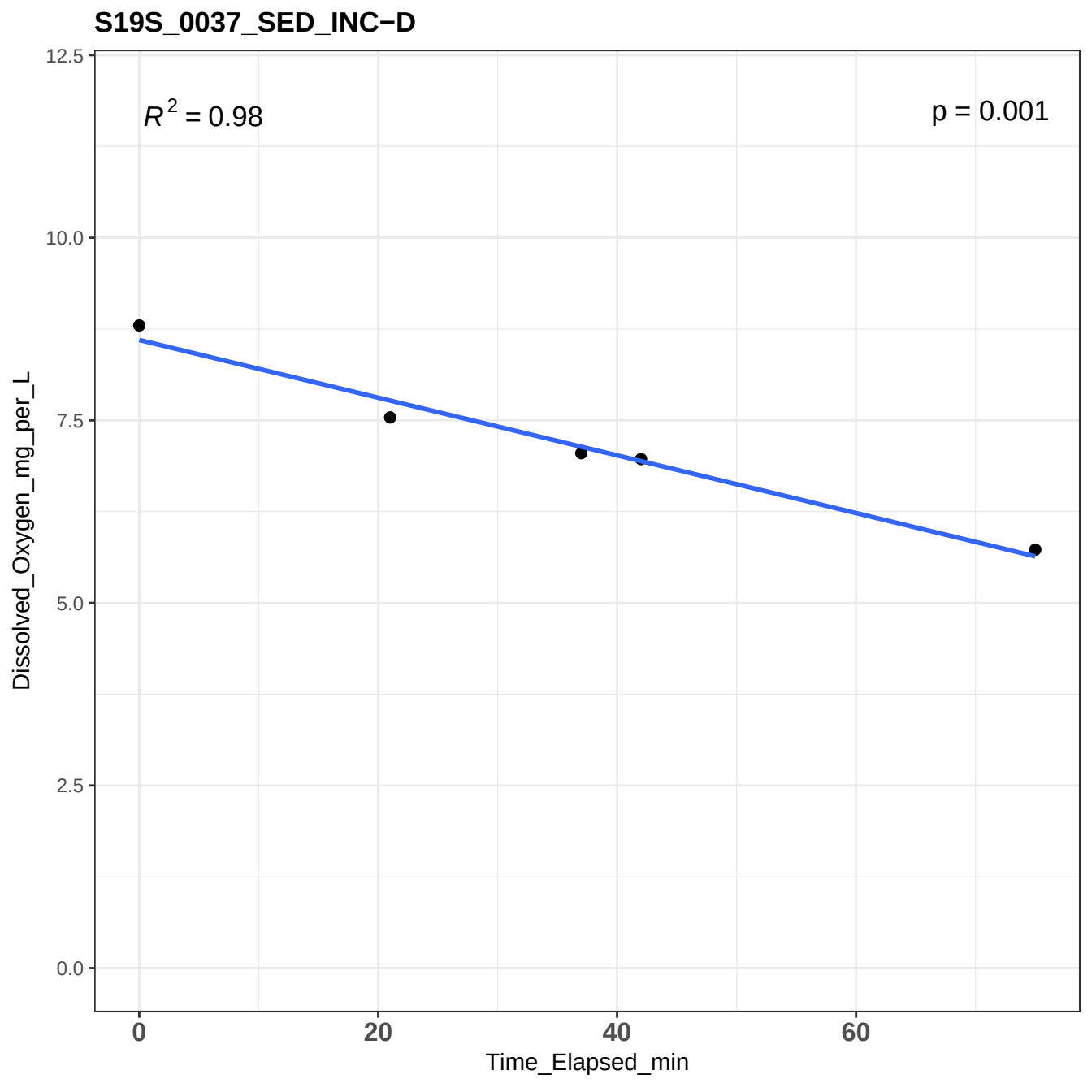

S19S_0035_SED_INC−M
R^2 = 0.98
p = 0.002
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
20
40
Time_Elapsed_min

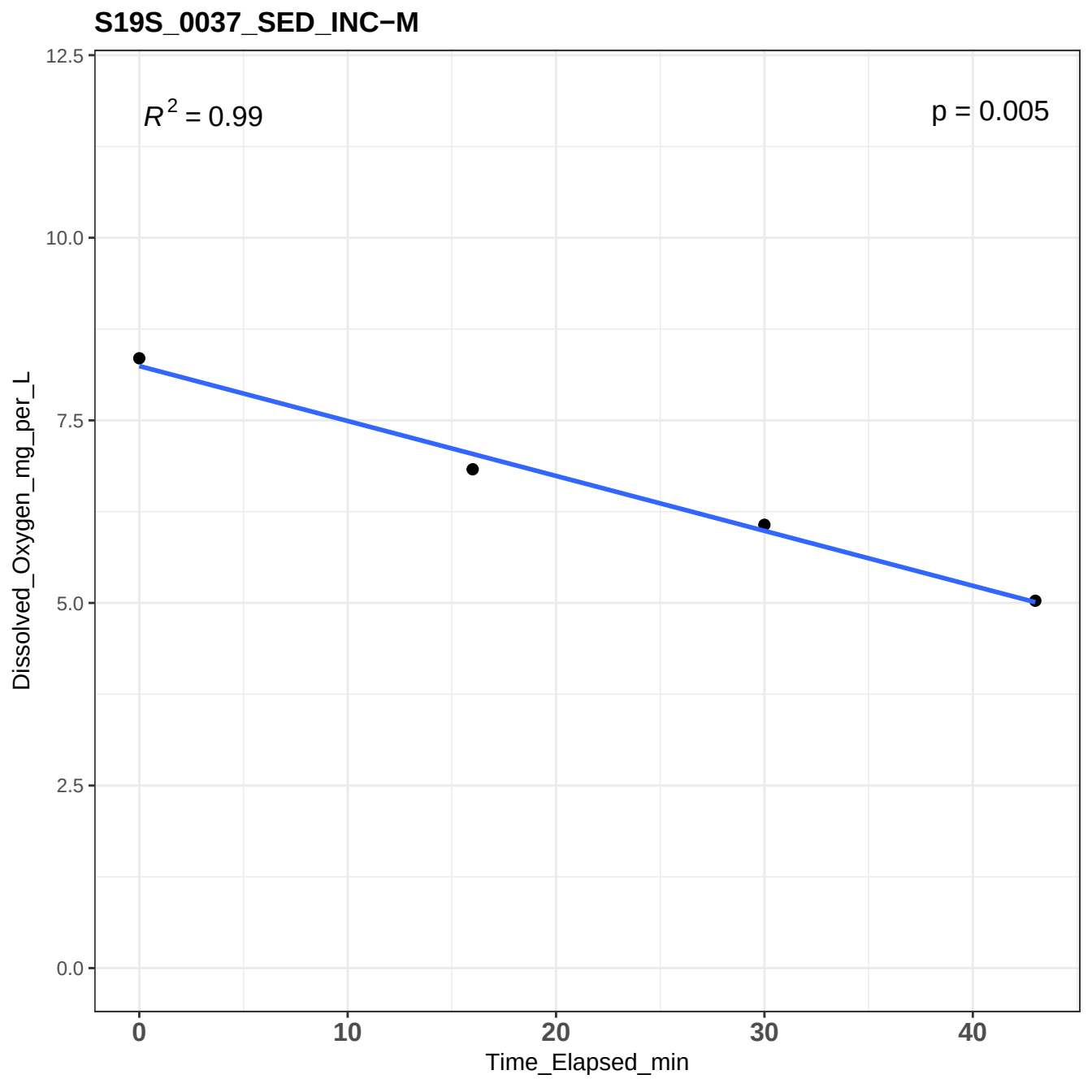

S19S_0035_SED_INC−U
R^2 = 0.96
p = 0.1
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
40
Time_Elapsed_min

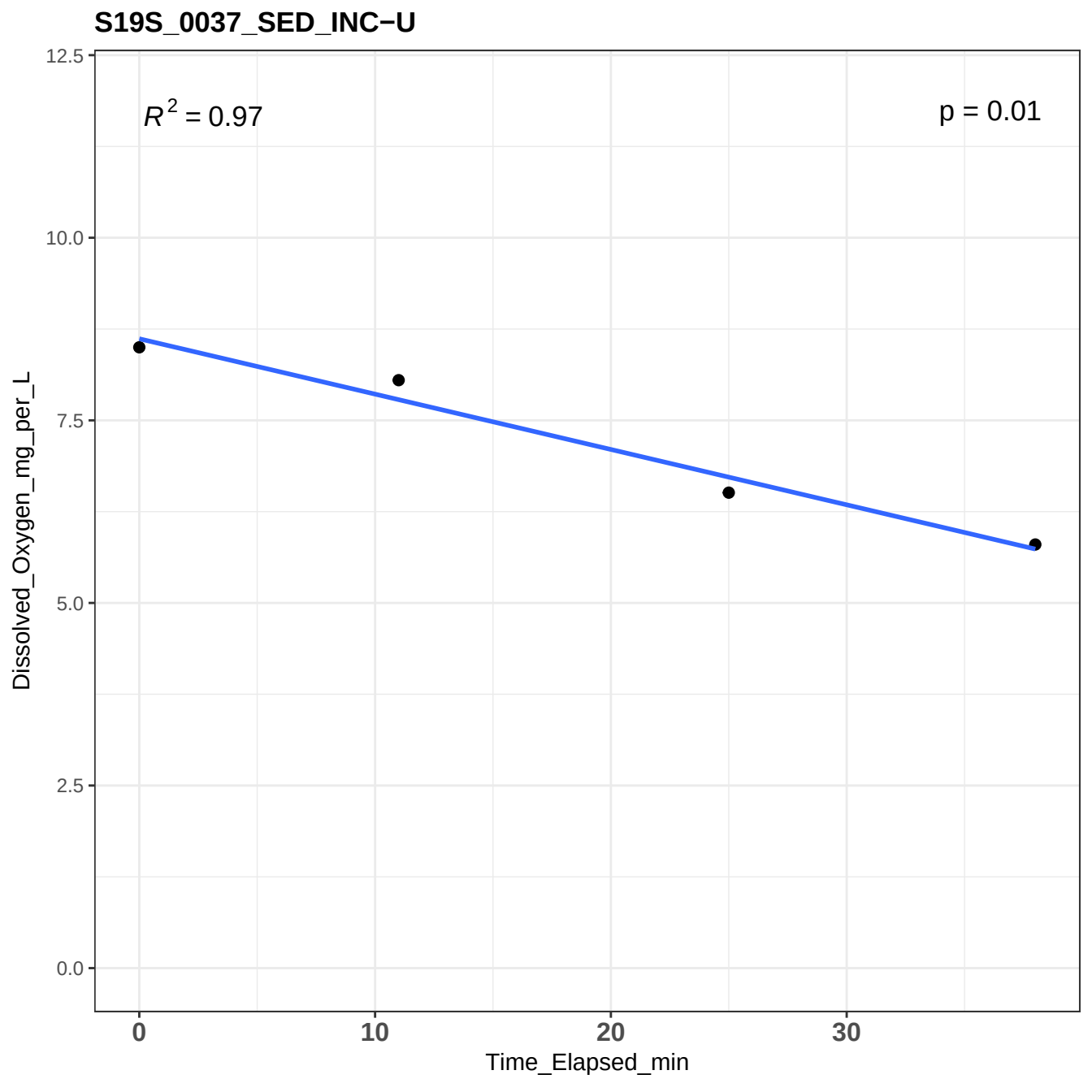

S19S_0036_SED_INC−D
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
Time_Elapsed_min

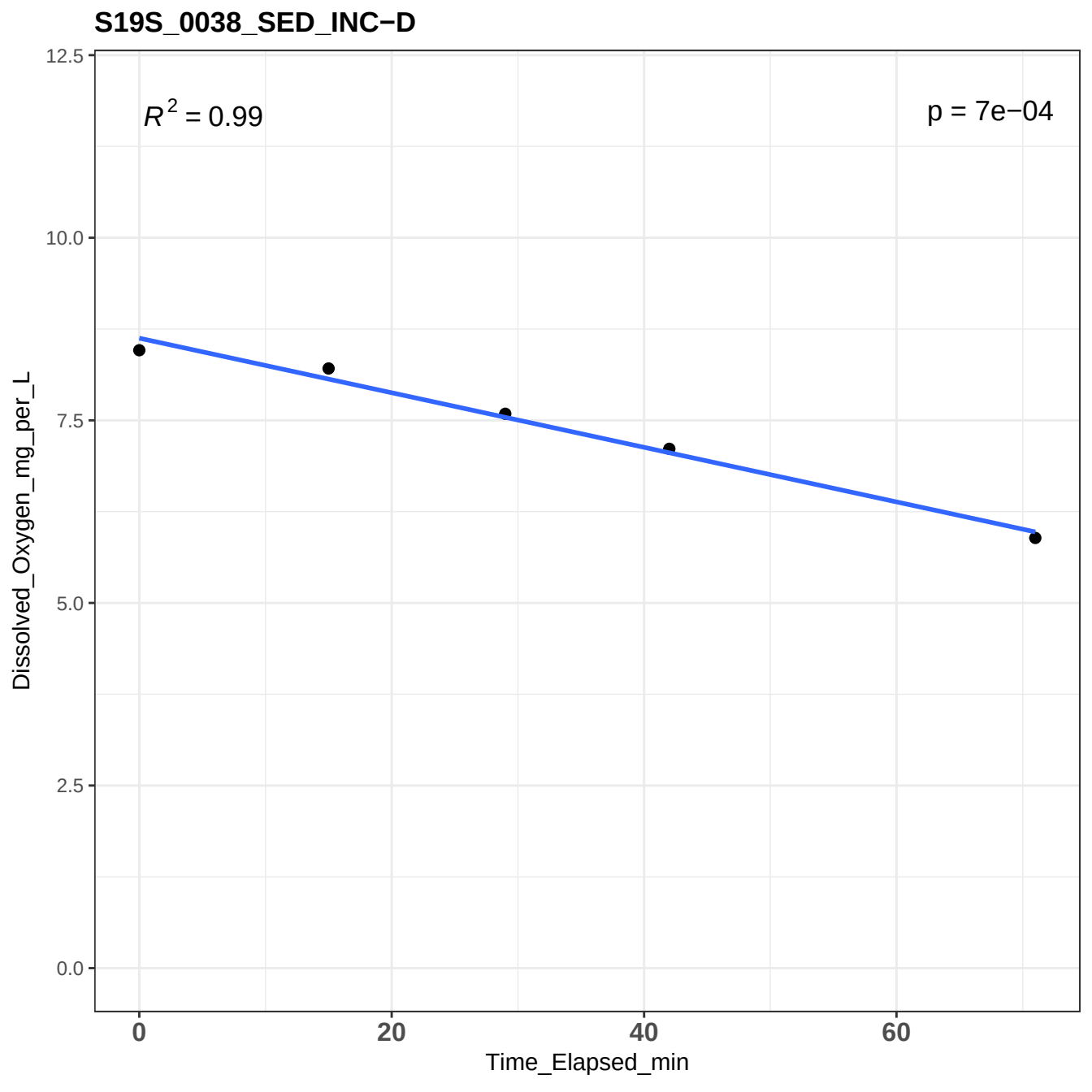

S19S_0036_SED_INC−M
R^2 = 0.99
p = 5e−06
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
30
60
90
Time_Elapsed_min

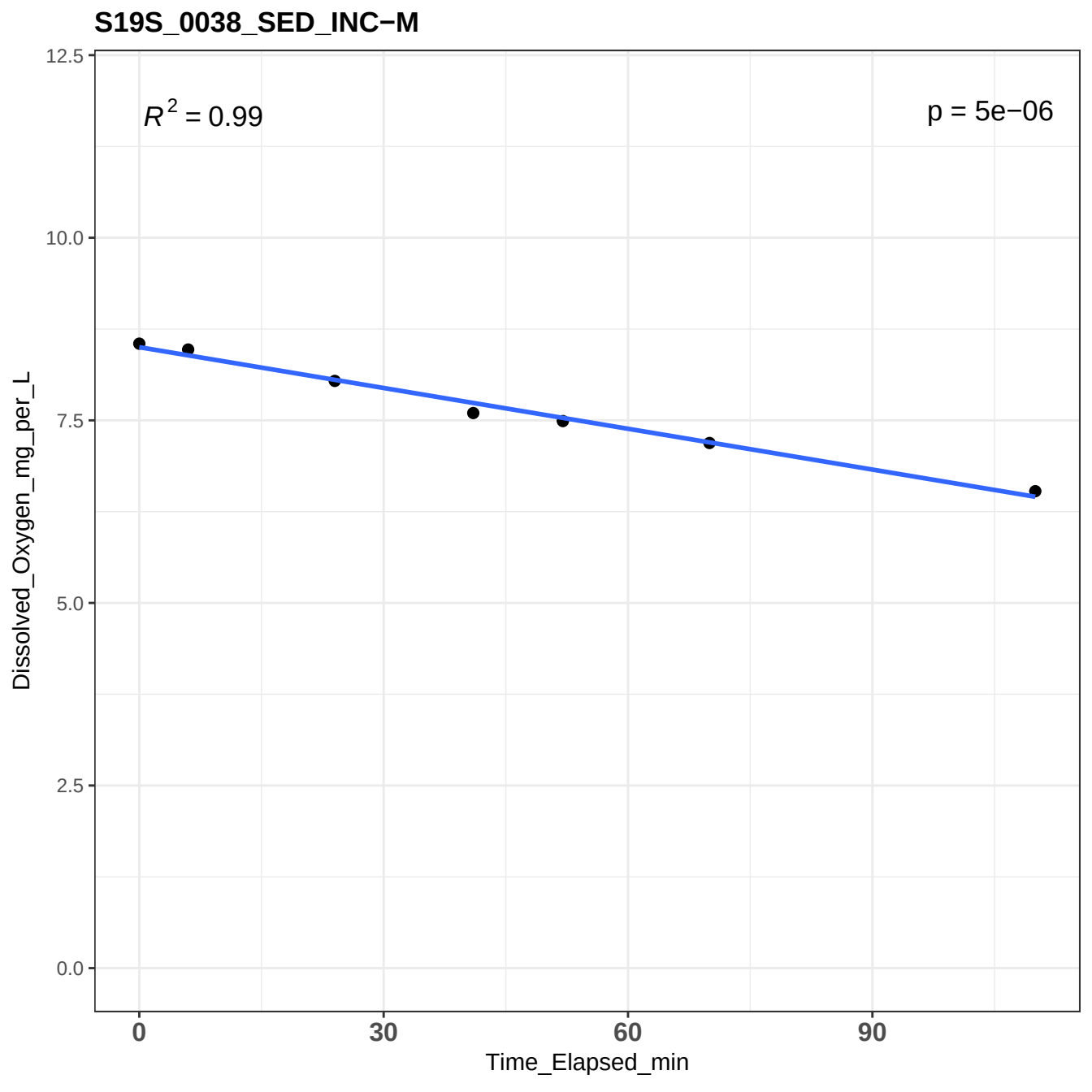

S19S_0036_SED_INC−U
$R^2 = 1$
p = 2e−04
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
Time_Elapsed_min

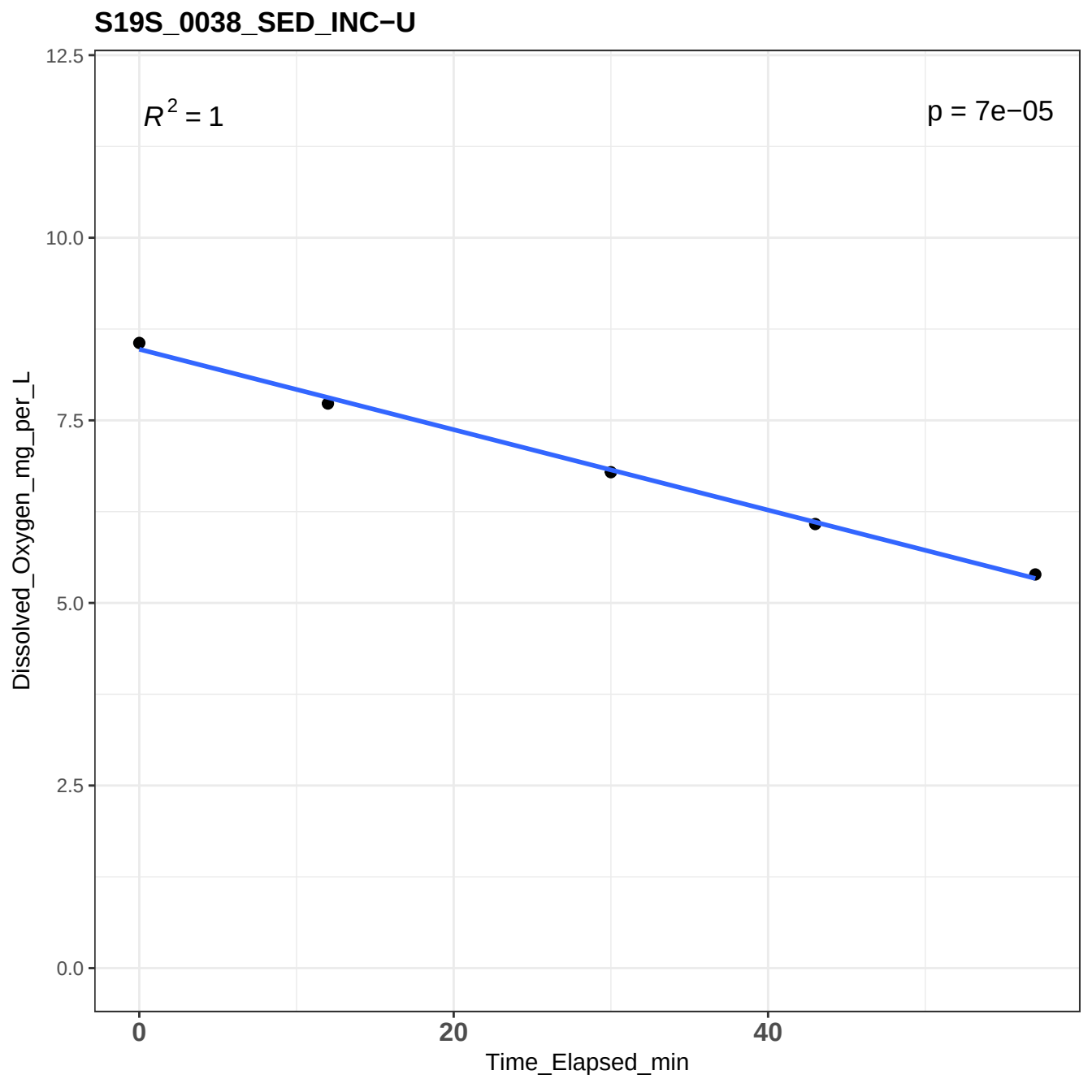

S19S_0037_SED_INC−D
R^2 = 0.98
p = 0.001
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
20
40
60
Time_Elapsed_min

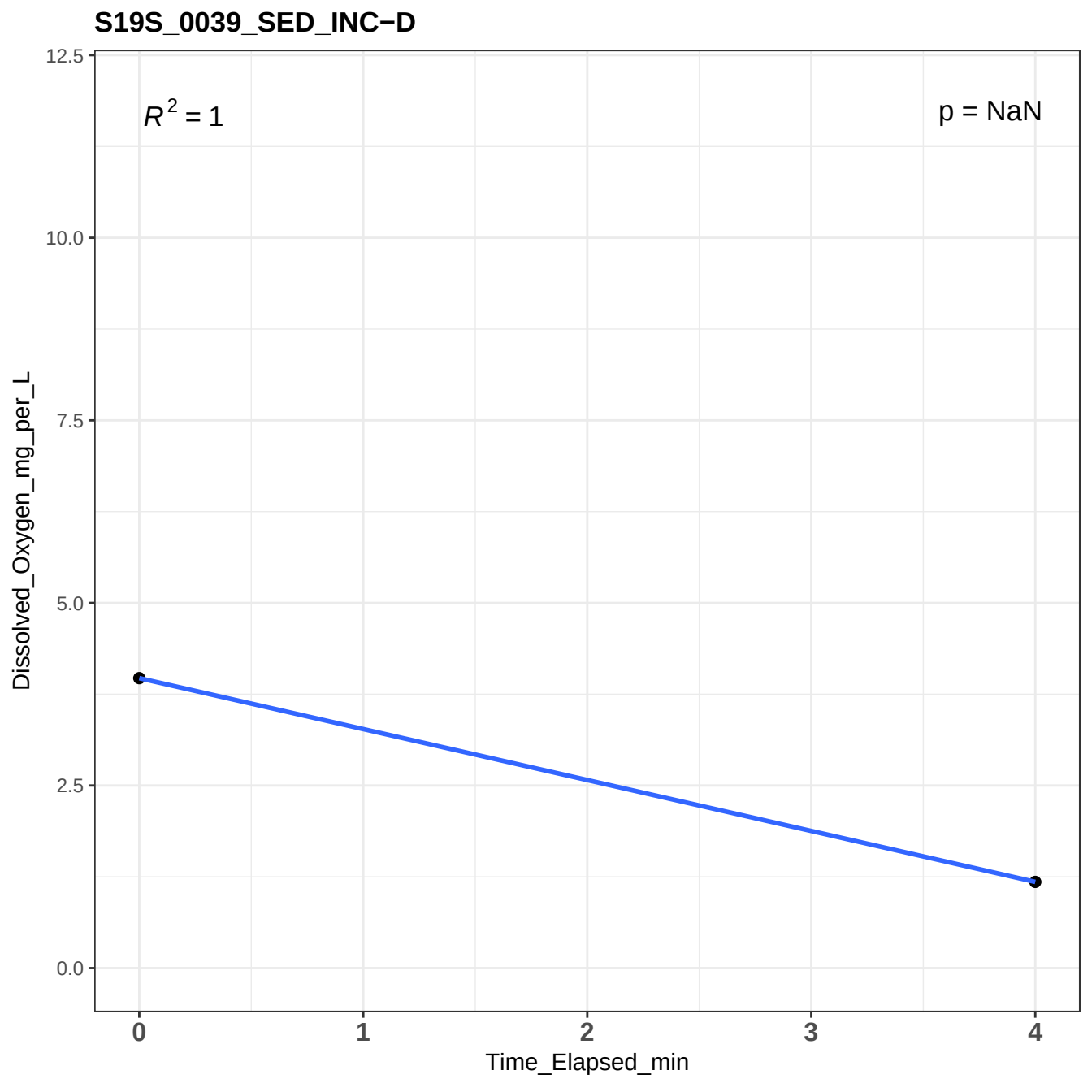

S19S_0037_SED_INC−M
R^2 = 0.99
p = 0.005
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
40
Time_Elapsed_min

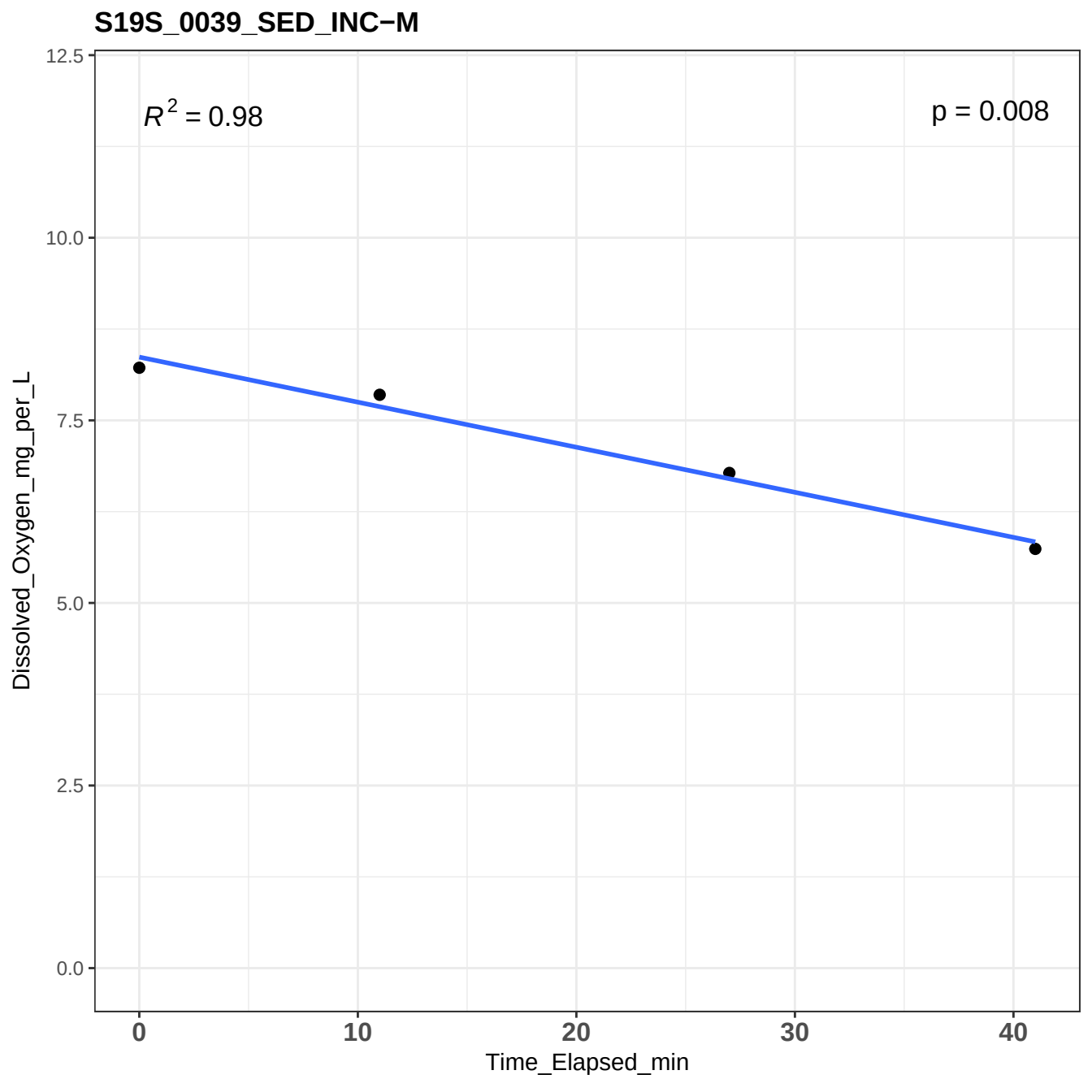

S19S_0037_SED_INC−U
R^2 = 0.97
p = 0.01
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
Time_Elapsed_min

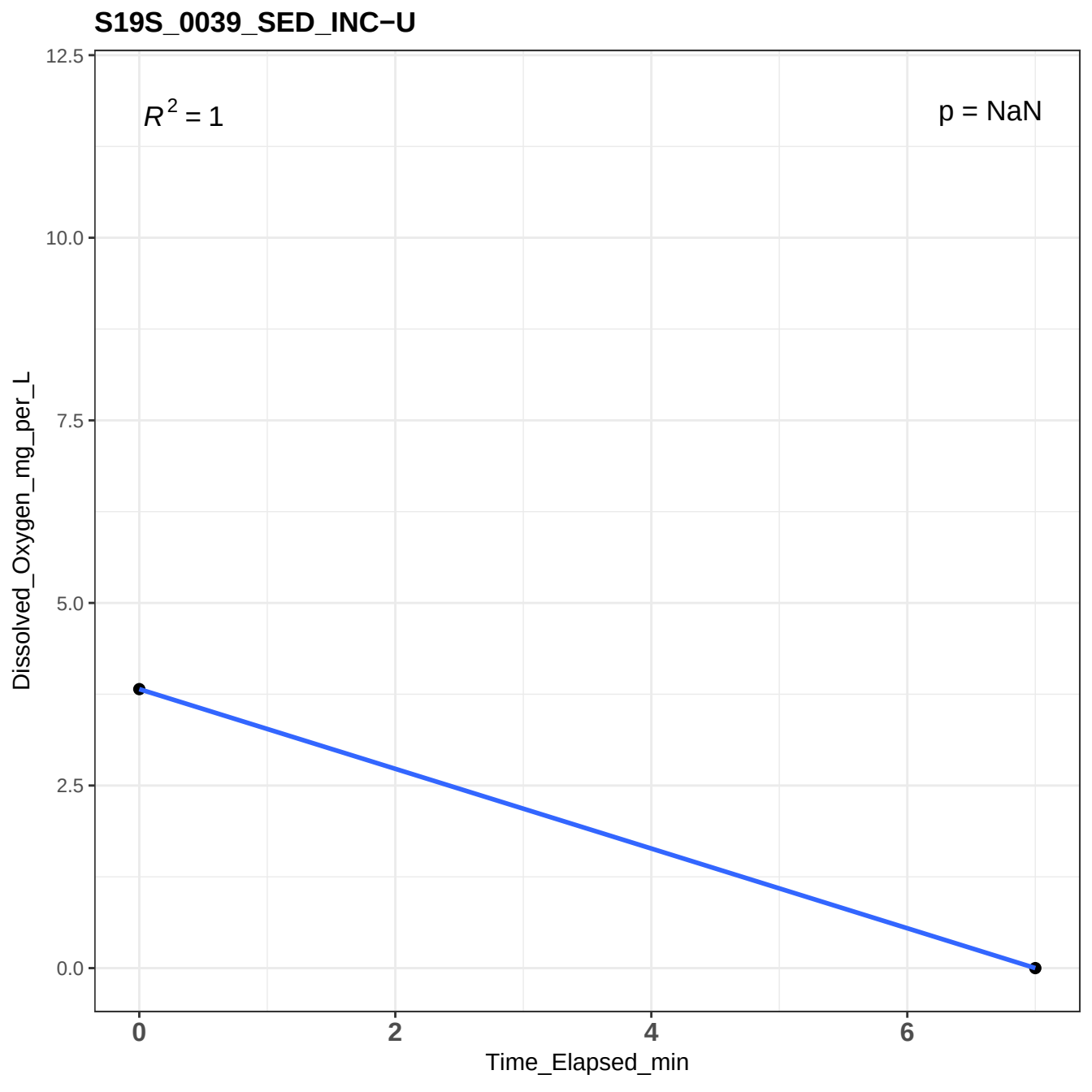

S19S_0038_SED_INC−D
R^2 = 0.99
p = 7e−04
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
20
40
60
Time_Elapsed_min

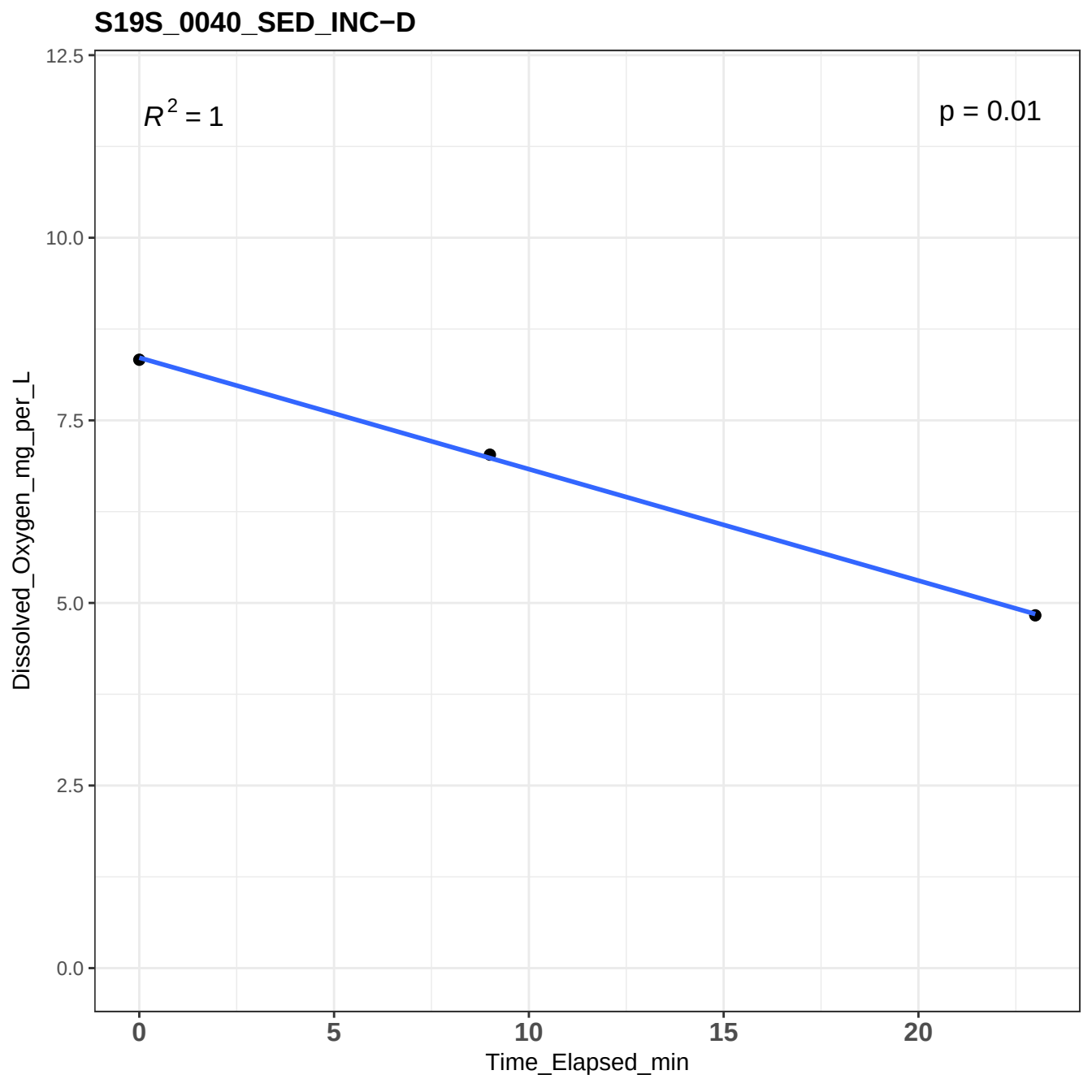

S19S_0038_SED_INC−M
R^2 = 0.99
p = 5e−06
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
30
60
90
Time_Elapsed_min

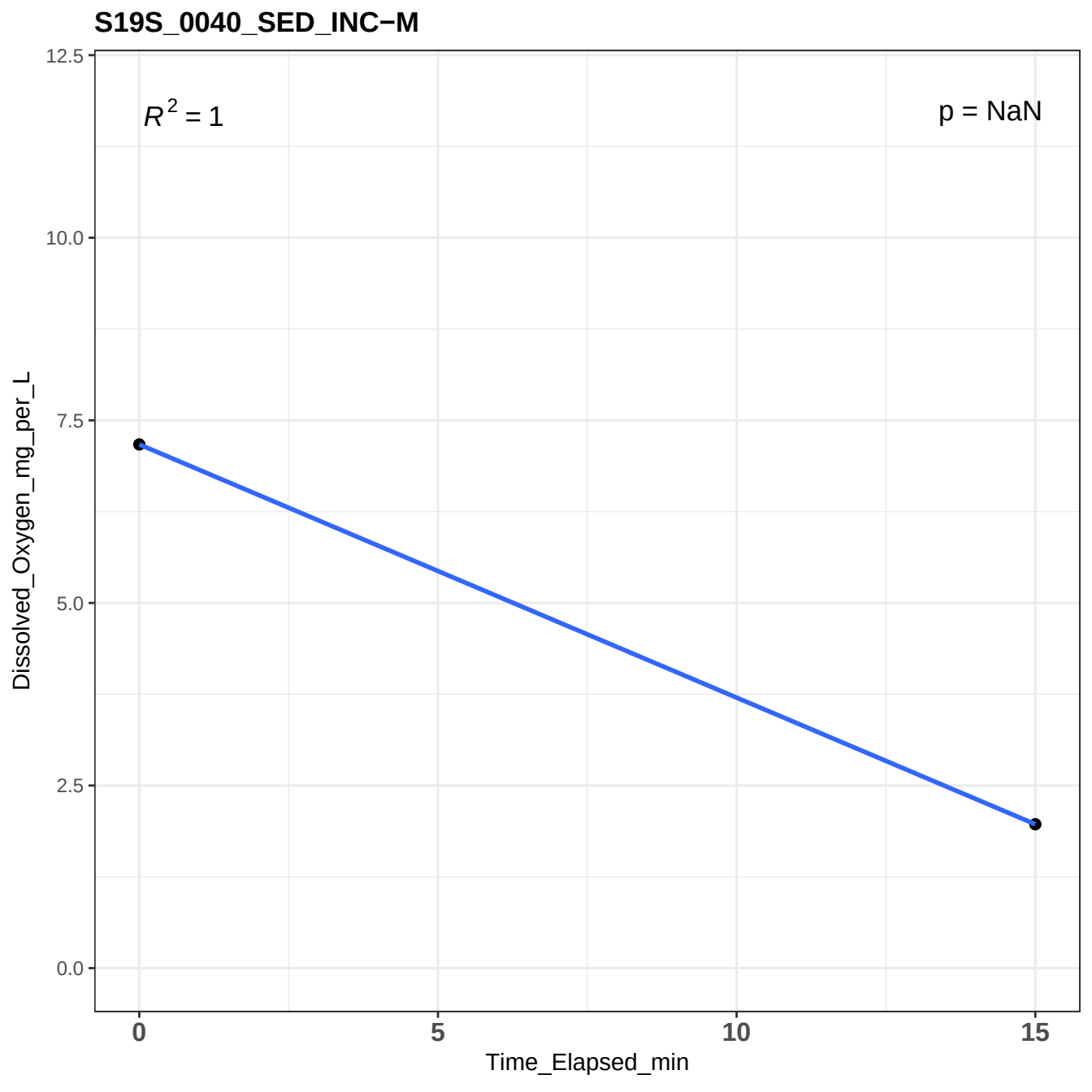

S19S_0038_SED_INC−U
$R^2 = 1$
p = 7e−05
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
20
40
Time_Elapsed_min

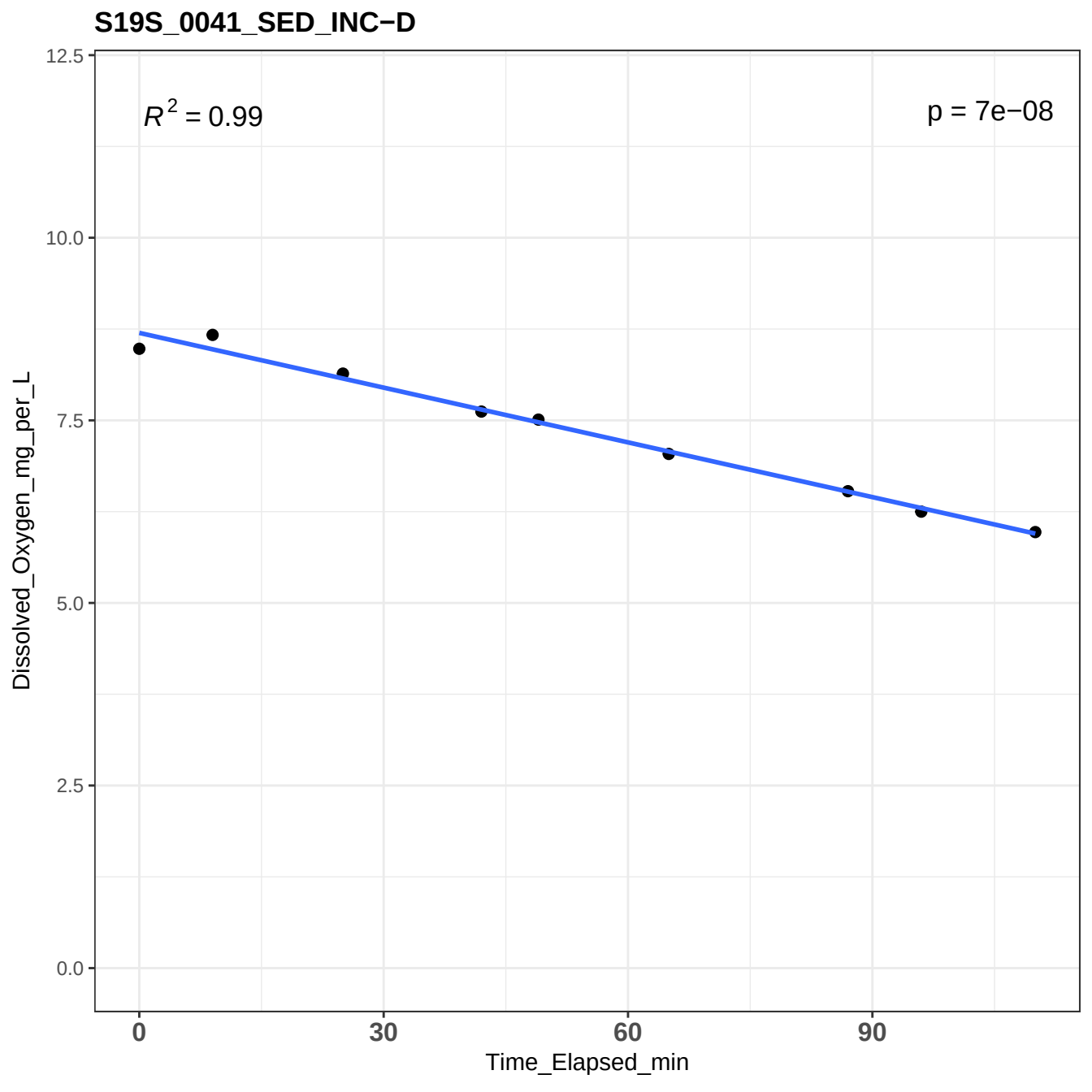

S19S_0039_SED_INC−D
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
1
2
3
4
Time_Elapsed_min

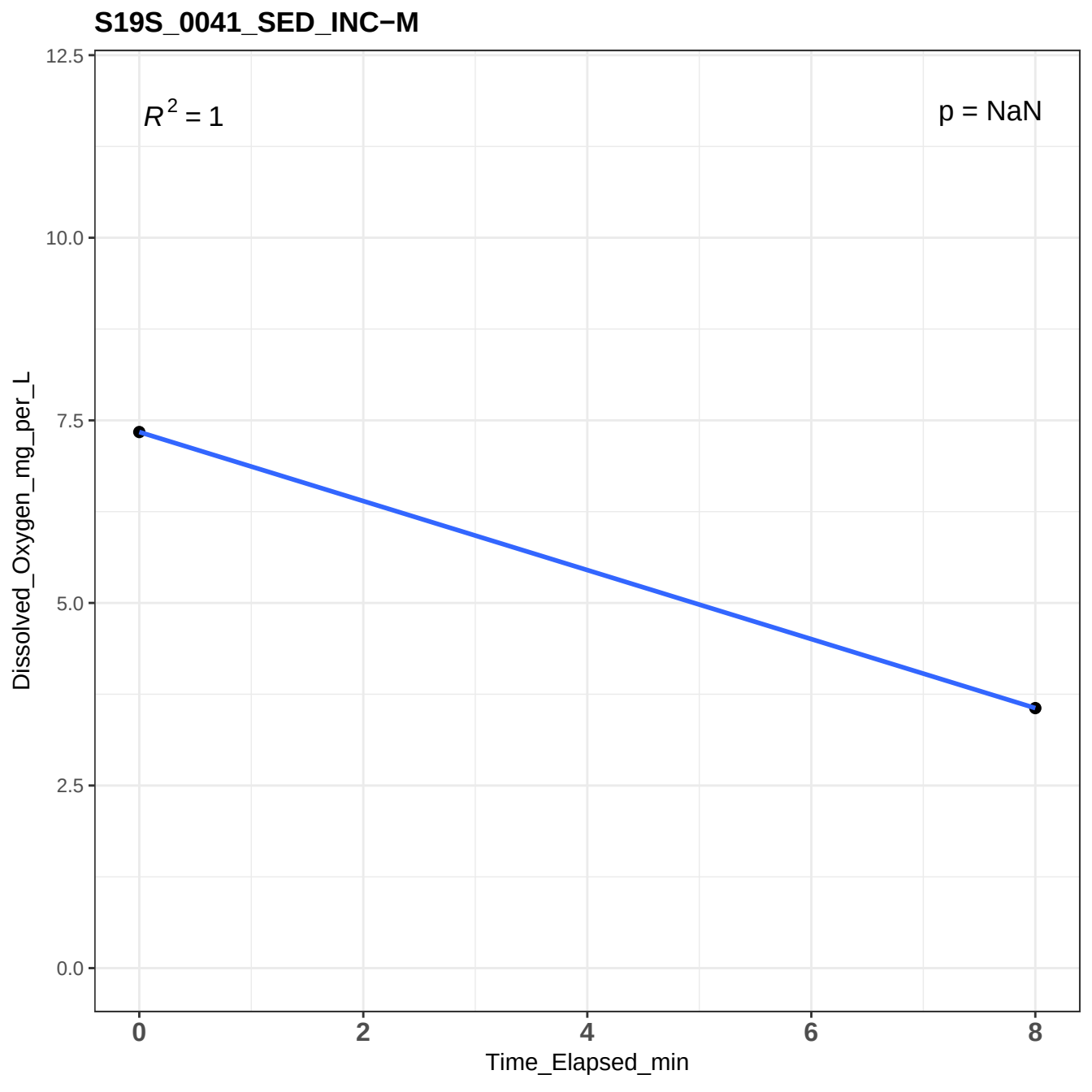

S19S_0039_SED_INC−M
R^2 = 0.98
p = 0.008
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
40
Time_Elapsed_min

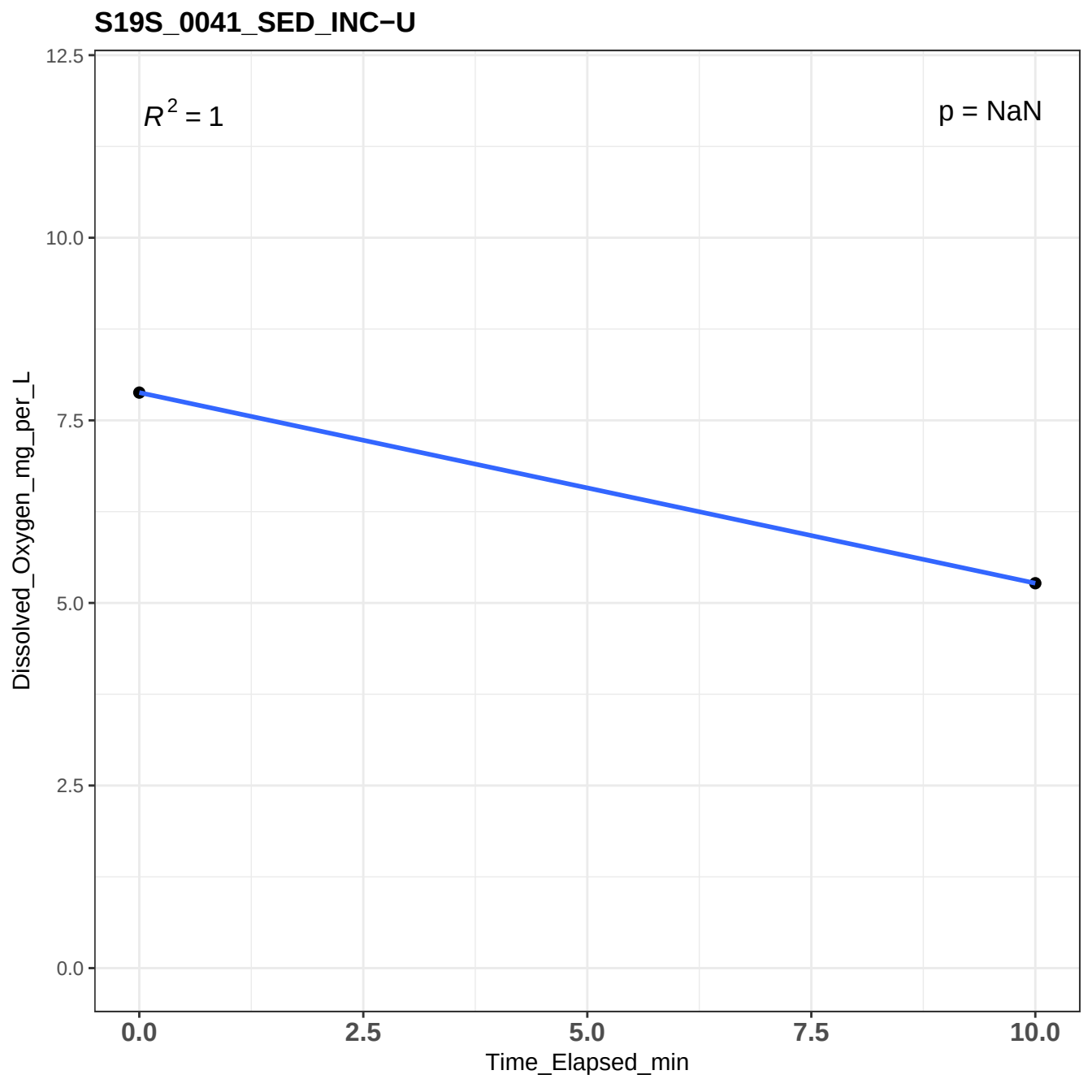

S19S_0039_SED_INC−U
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
2
4
6
Time_Elapsed_min

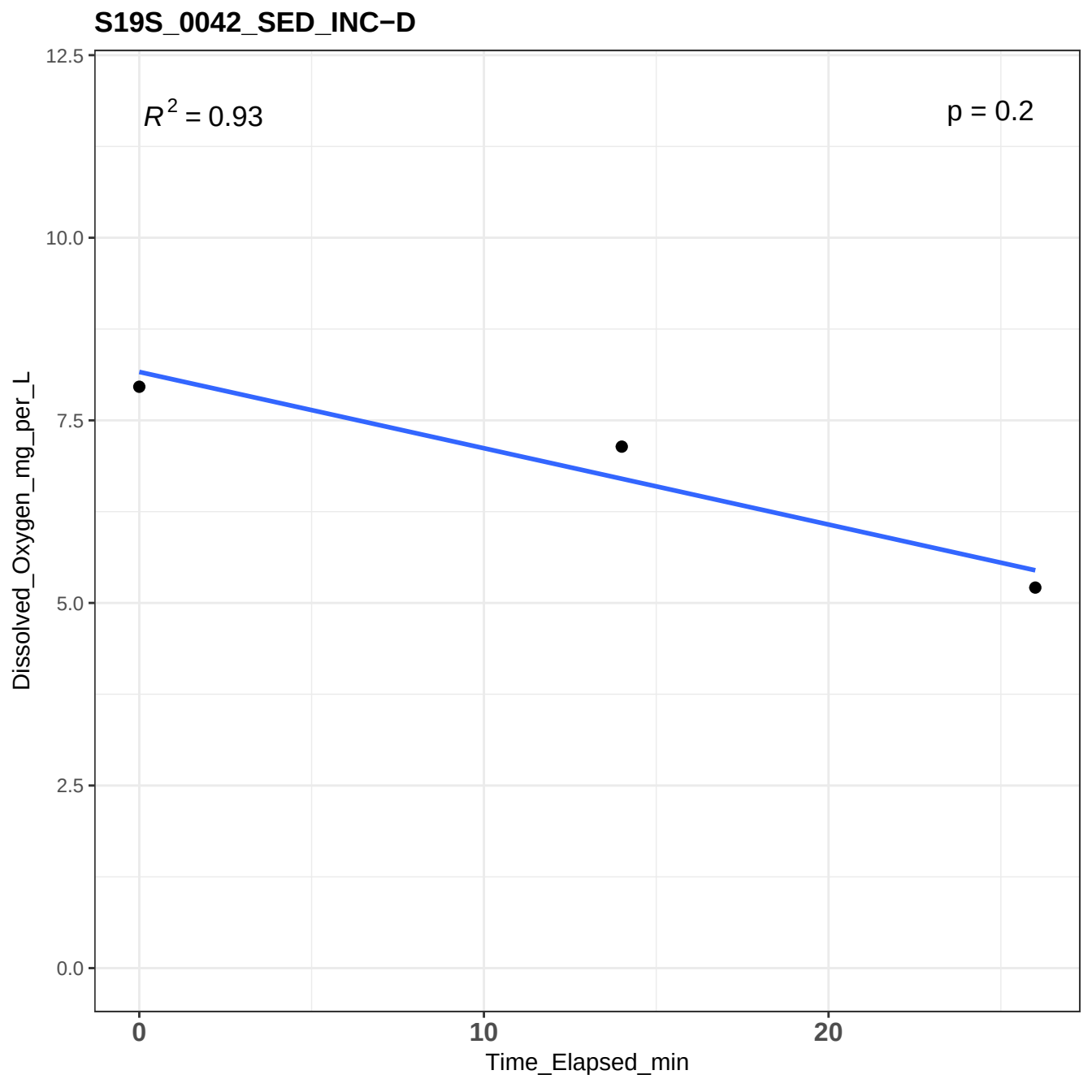

S19S_0040_SED_INC−D
$R^2 = 1$
p = 0.01
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
5
10
15
20
Time_Elapsed_min

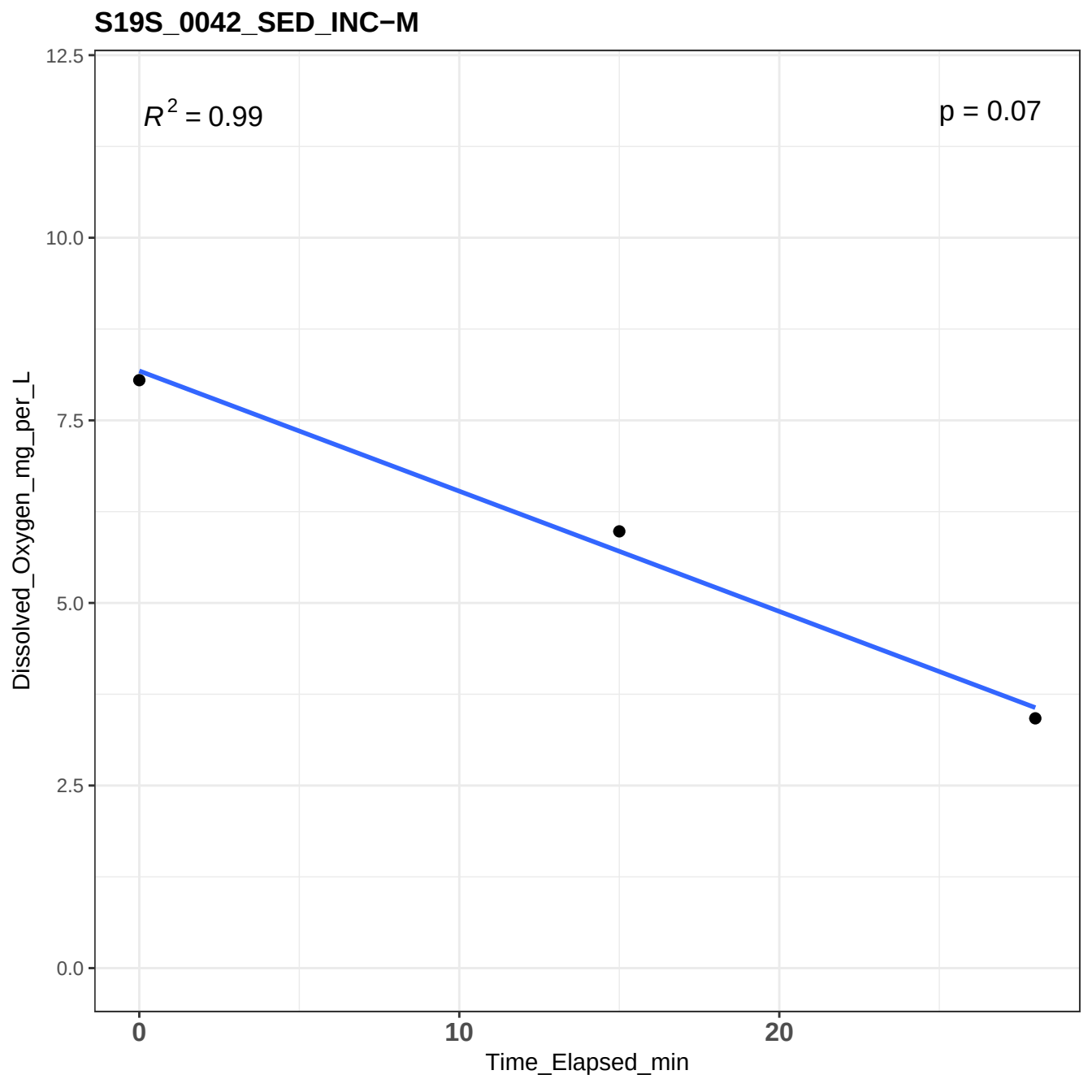

S19S_0040_SED_INC−M
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
15
Time_Elapsed_min

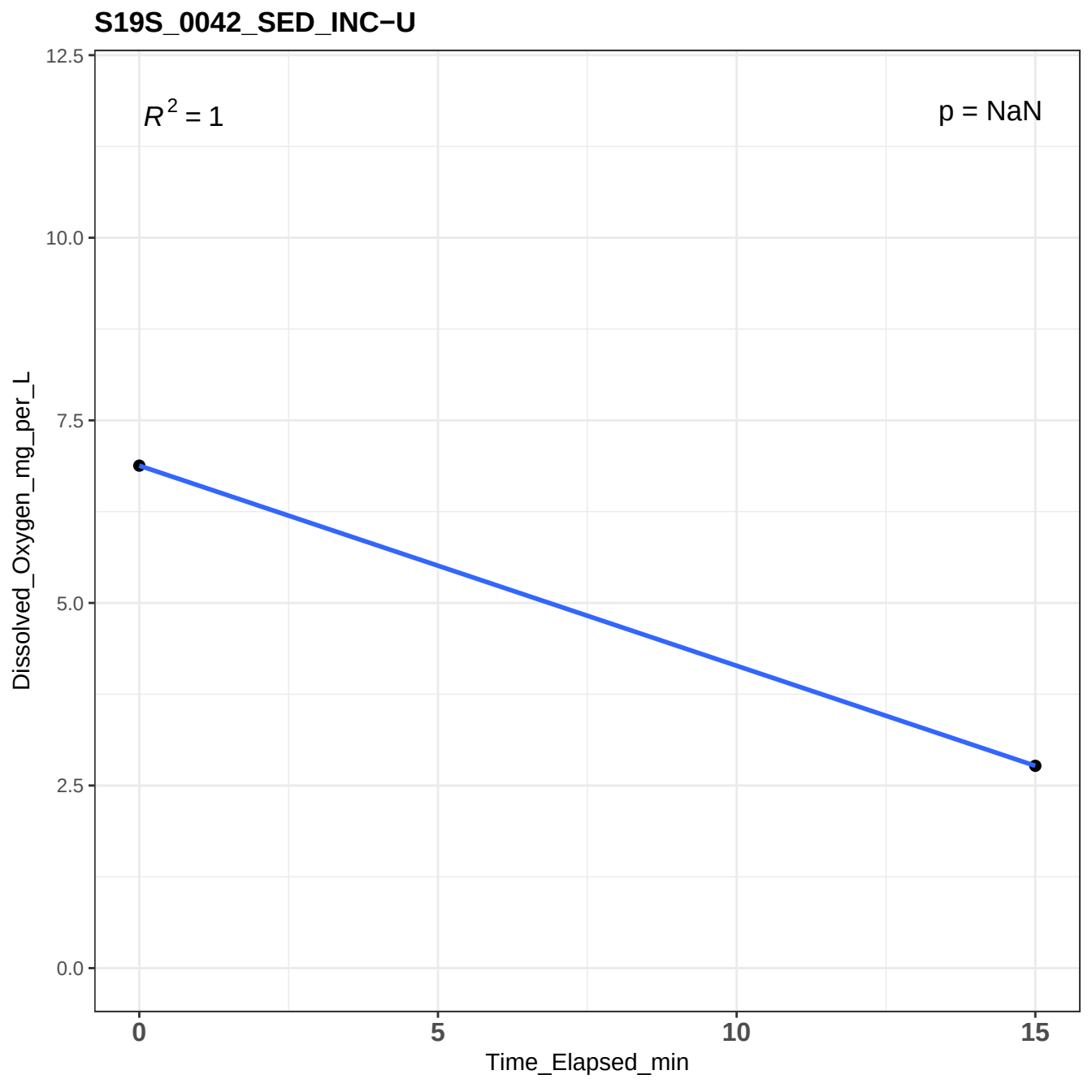

S19S_0041_SED_INC−D
R^2 = 0.99
p = 7e−08
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
30
60
90
Time_Elapsed_min

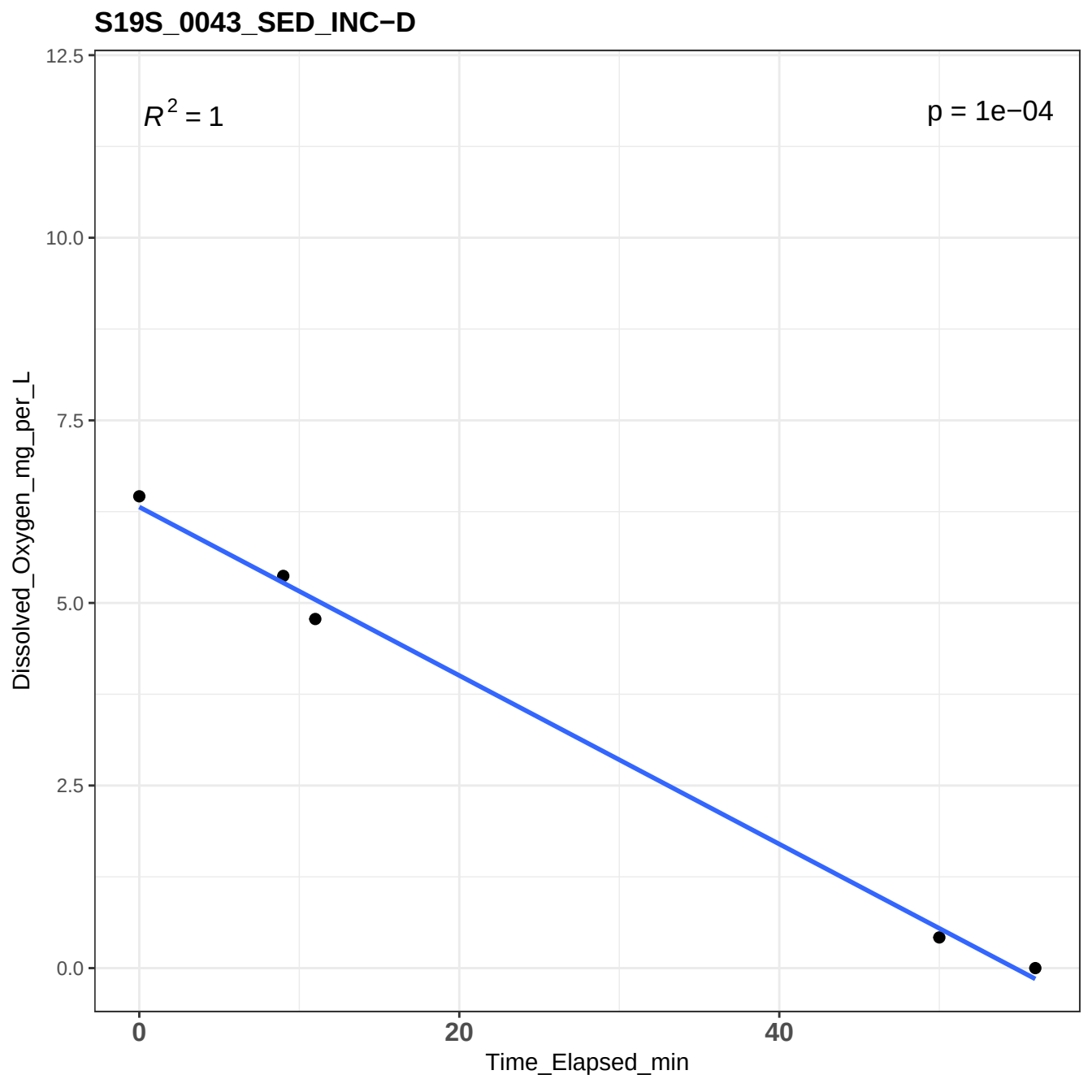

S19S_0041_SED_INC−M
$R^2 = 1$
p = NaN
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
2
4
6
8
Time_Elapsed_min

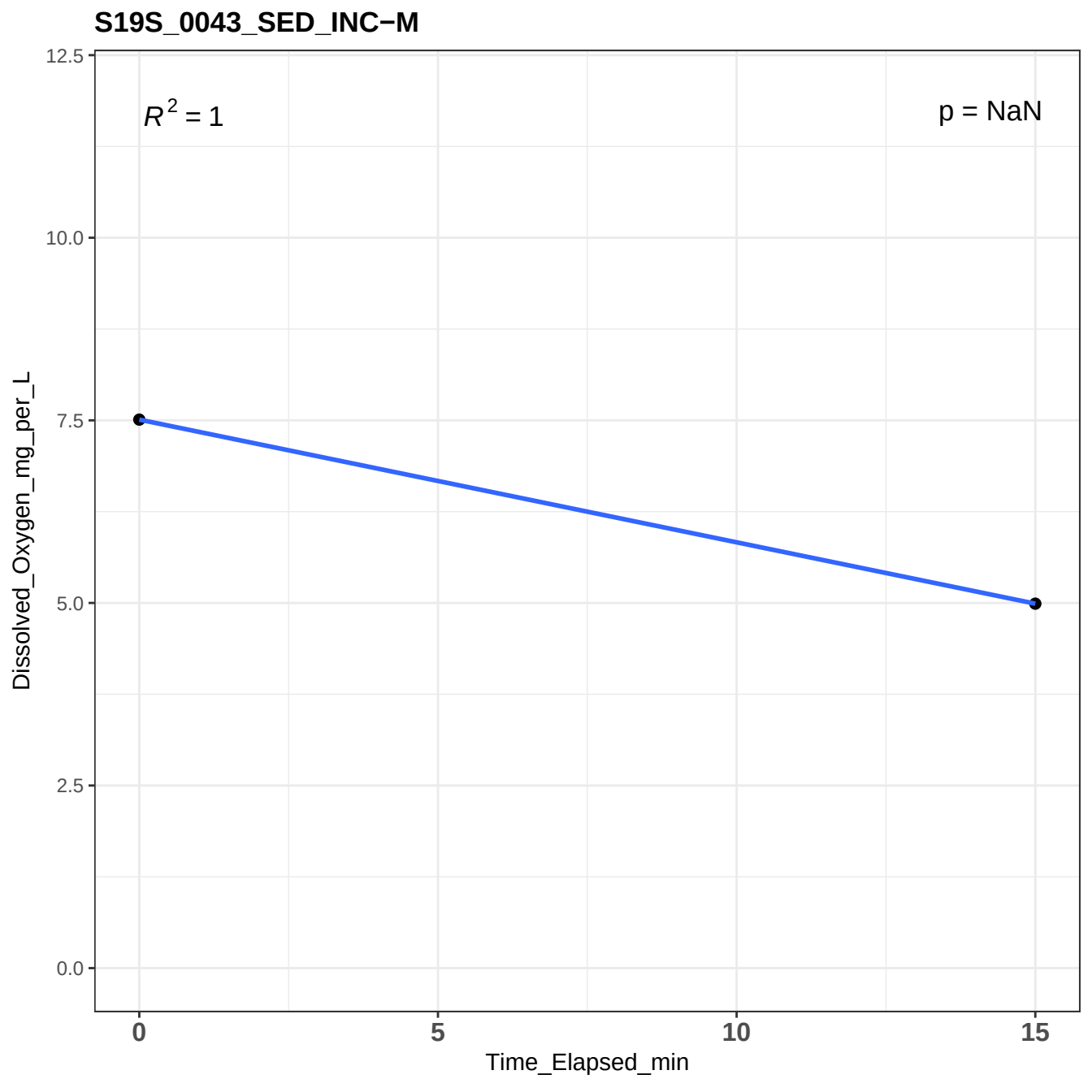

S19S_0041_SED_INC−U
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0.0
2.5
5.0
7.5
10.0
Time_Elapsed_min

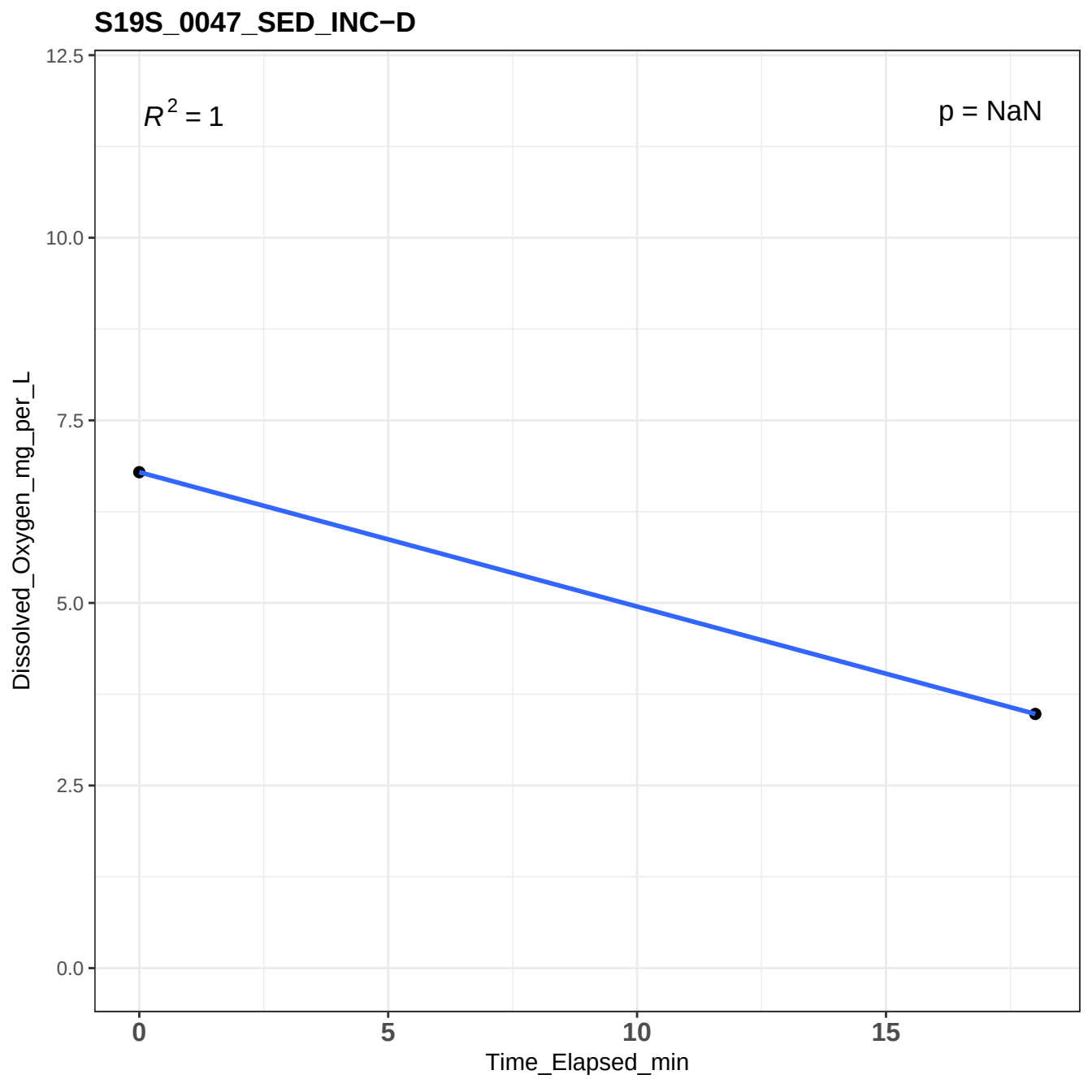

S19S_0042_SED_INC−D
R^2 = 0.93
p = 0.2
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
Time_Elapsed_min

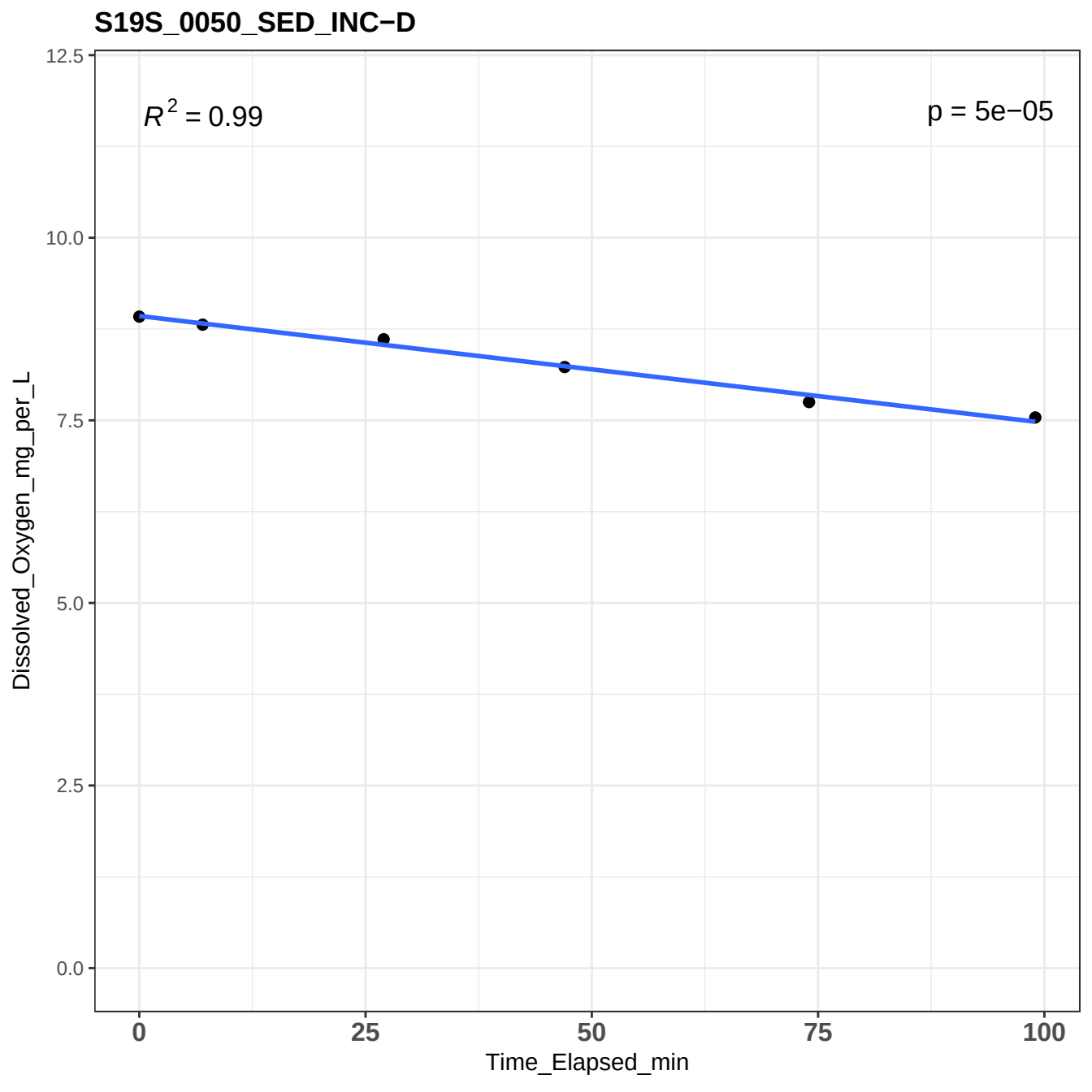

S19S_0042_SED_INC−M
R^2 = 0.99
p = 0.07
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
Time_Elapsed_min

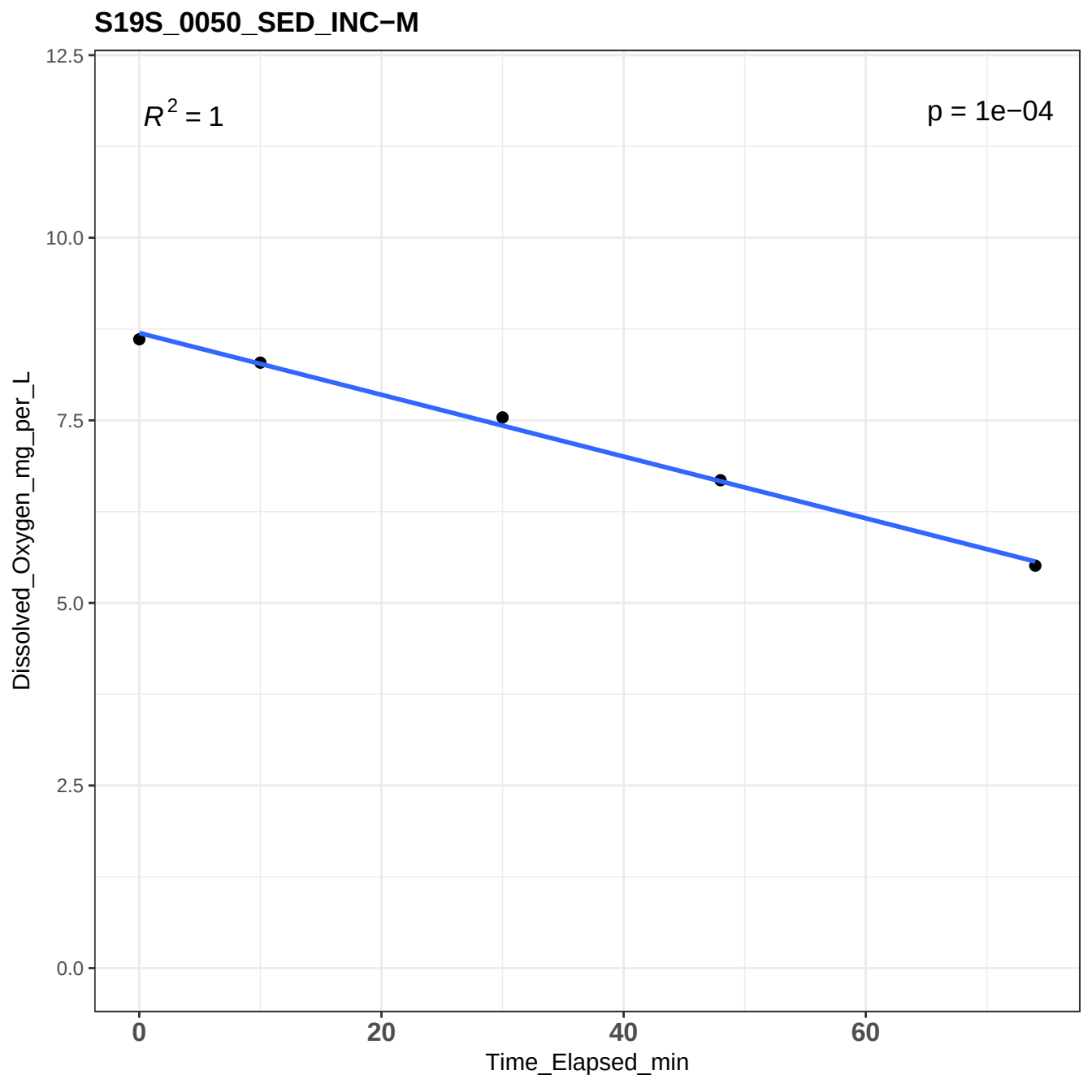

S19S_0042_SED_INC−U
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
15
Time_Elapsed_min

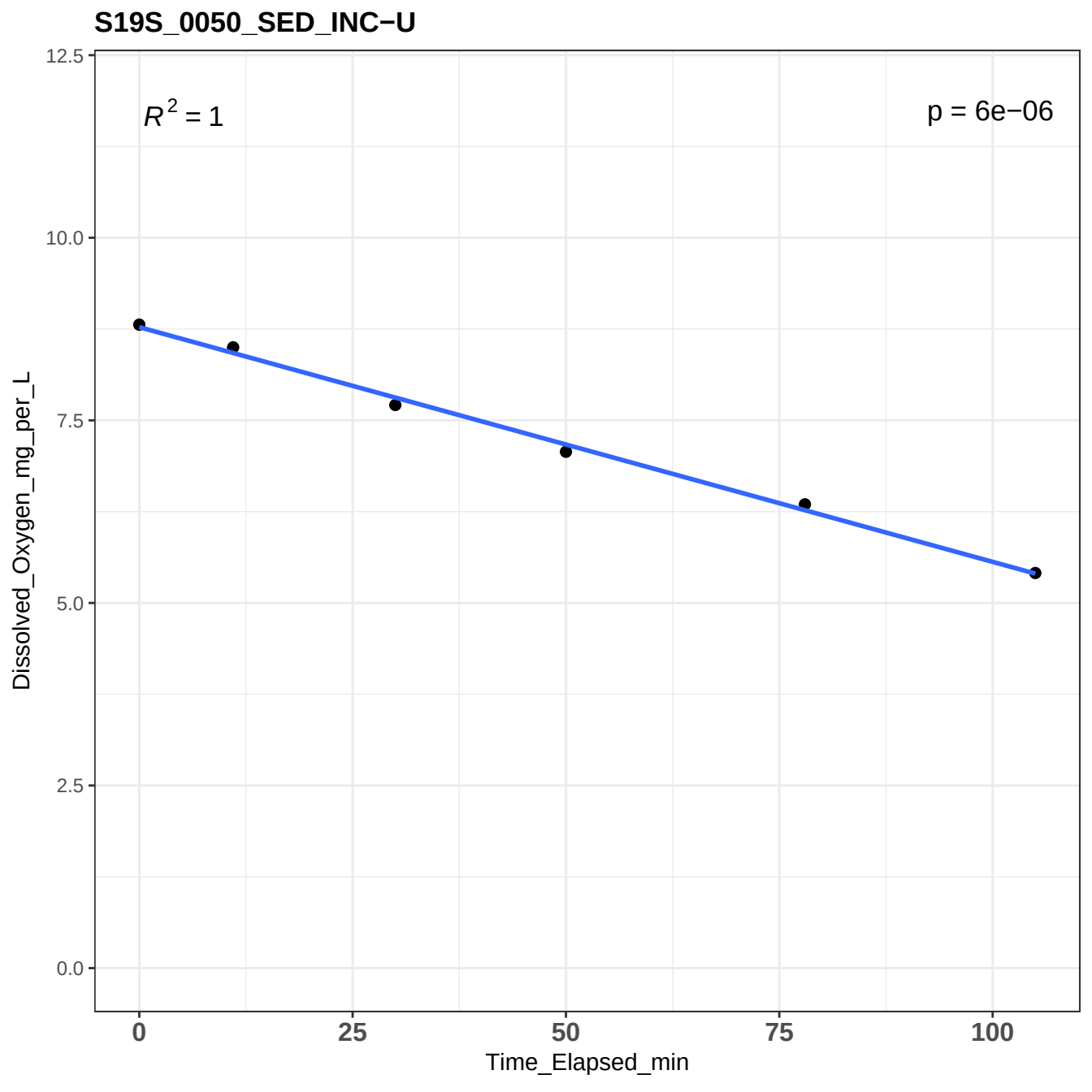

S19S_0043_SED_INC−D
$R^2 = 1$
p = 1e−04
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
20
40
Time_Elapsed_min

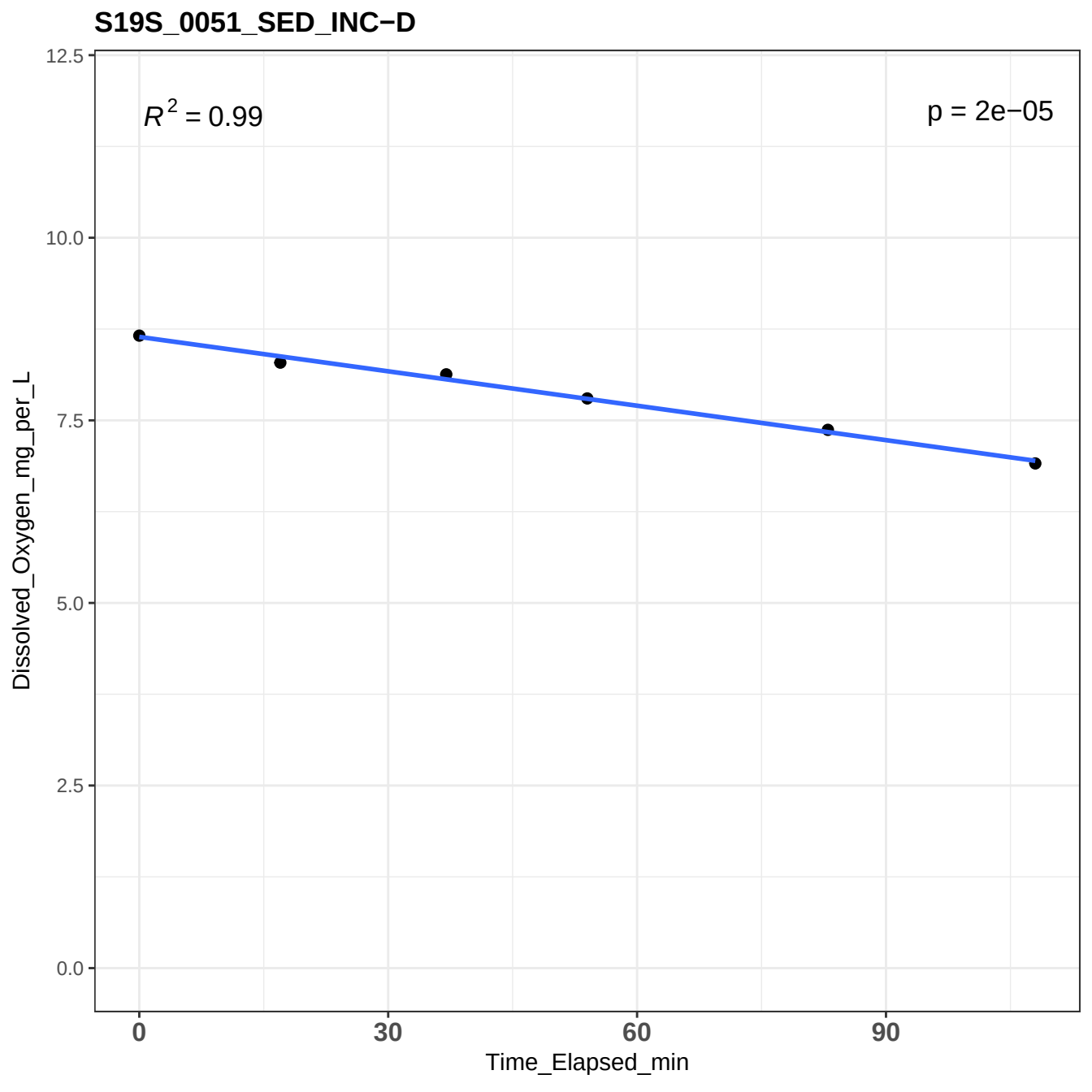

S19S_0043_SED_INC−M
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
15
Time_Elapsed_min

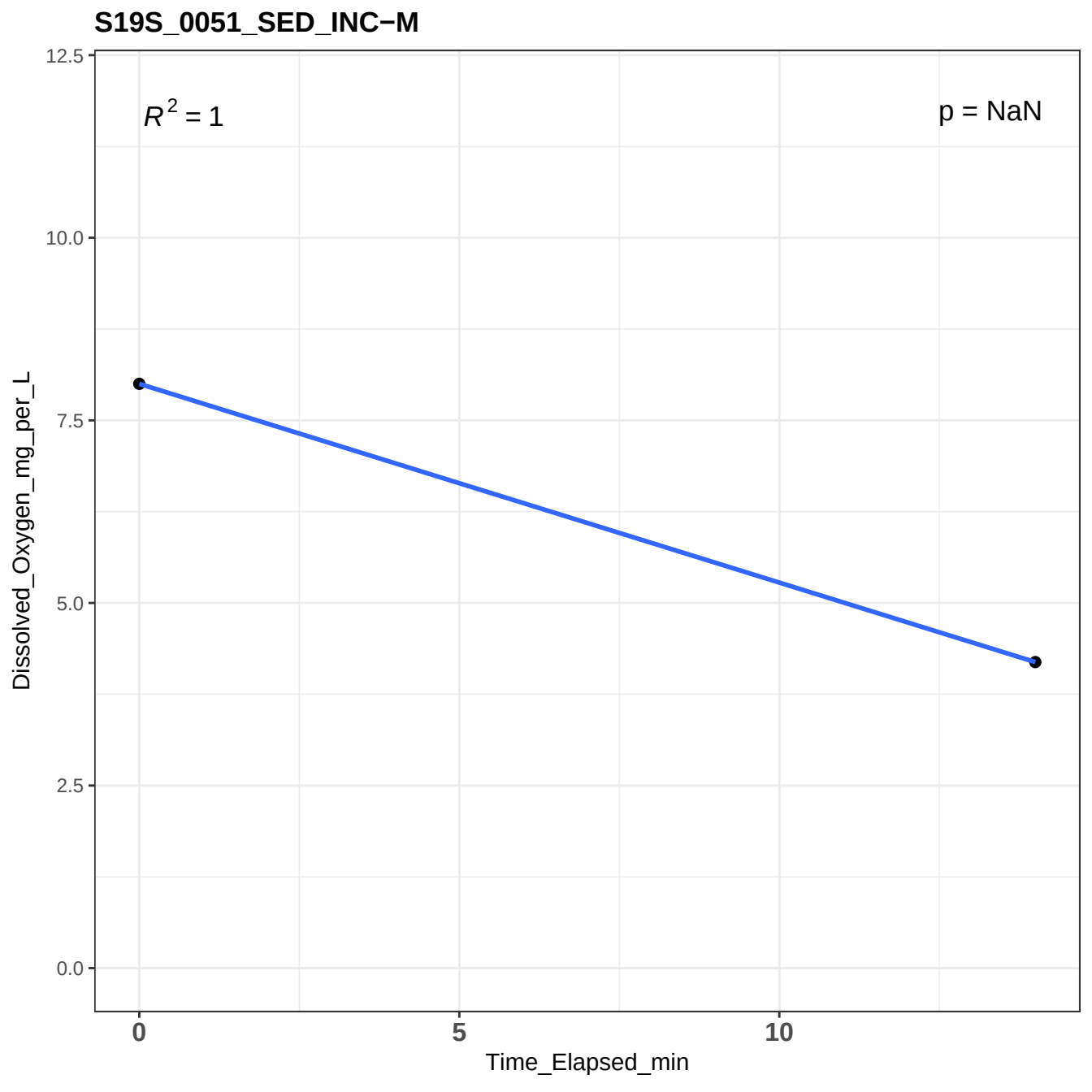

S19S_0047_SED_INC−D
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
15
Time_Elapsed_min

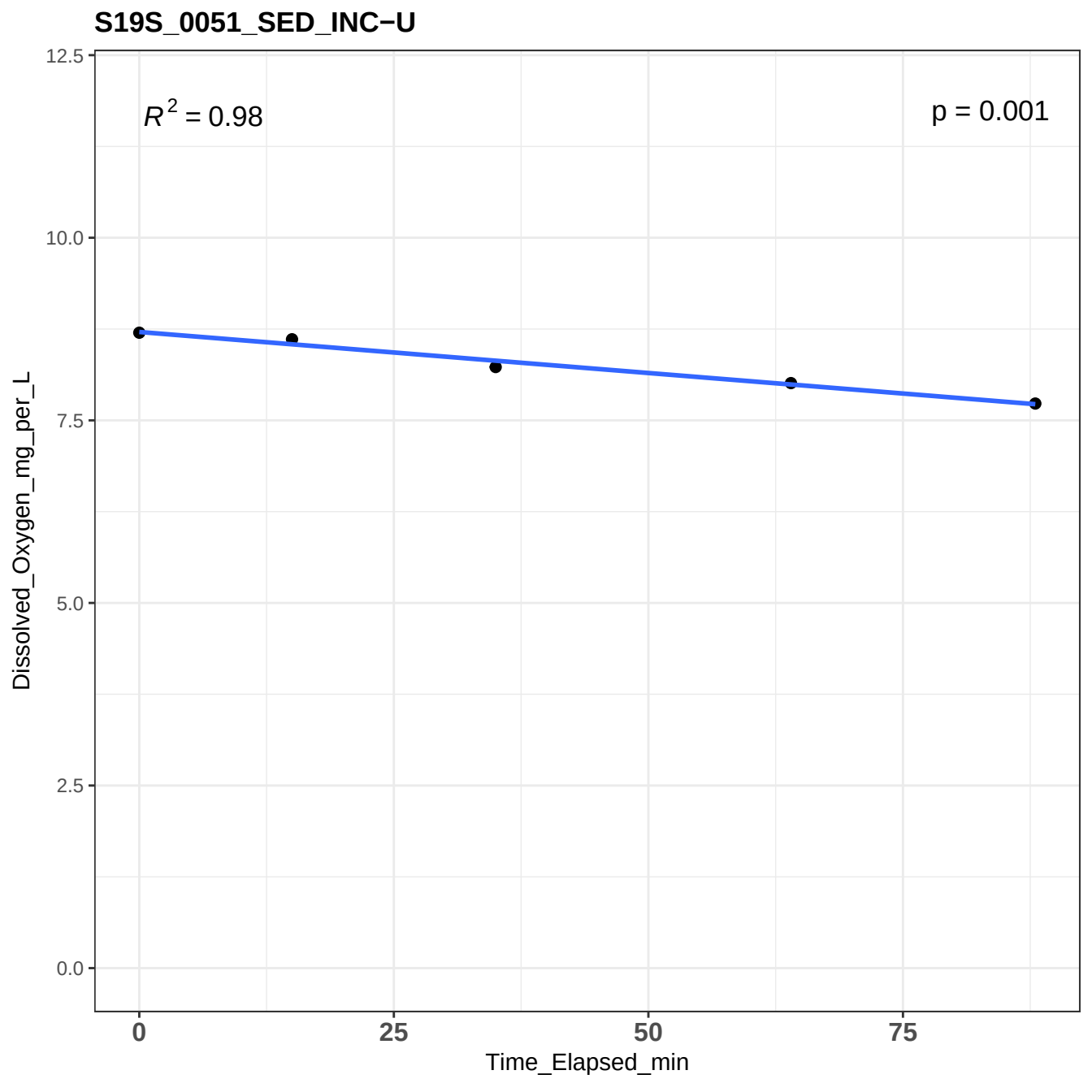

S19S_0050_SED_INC−D
R^2 = 0.99
p = 5e−05
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
Time_Elapsed_min

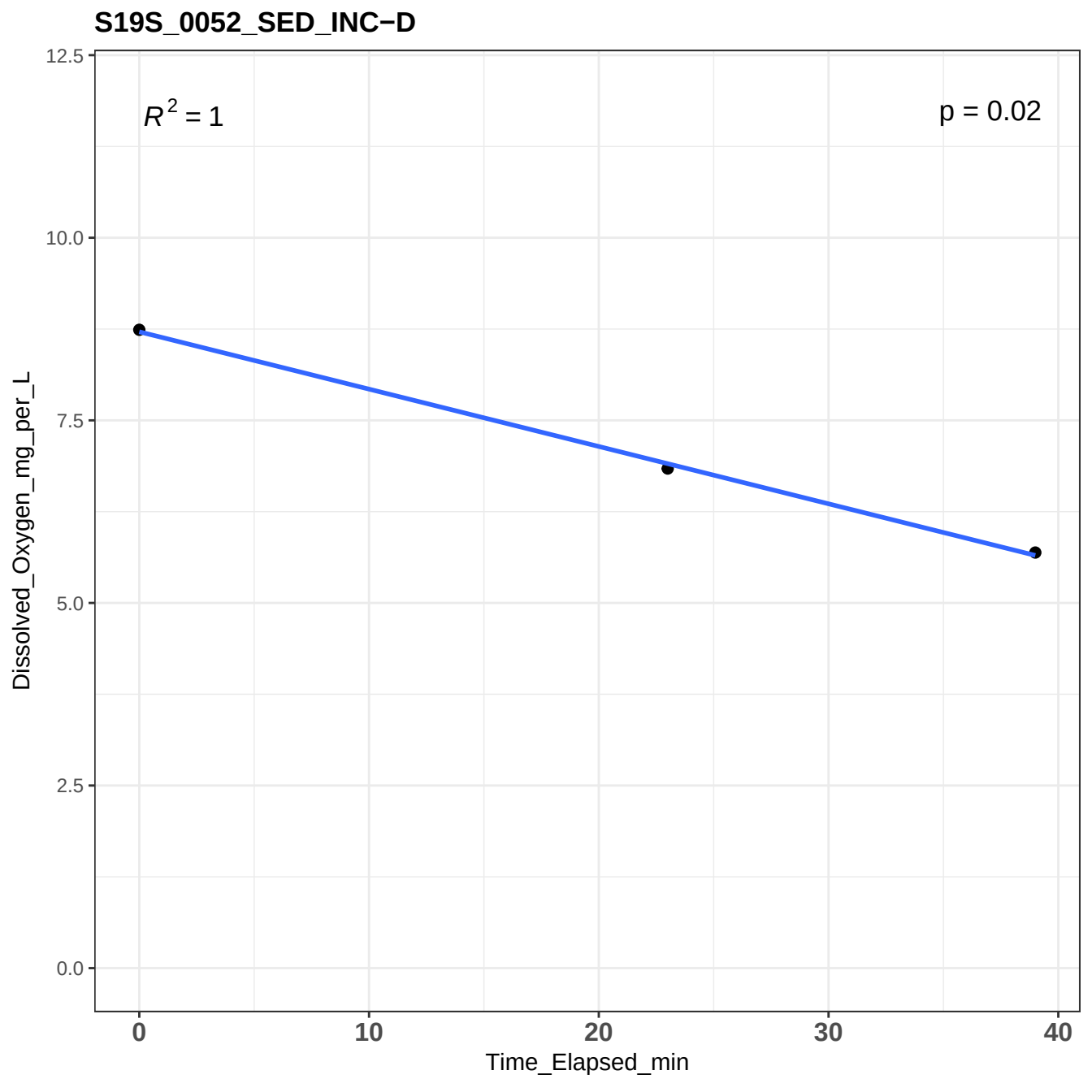

S19S_0050_SED_INC−M
$R^2 = 1$
p = 1e−04
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
20
40
60
Time_Elapsed_min

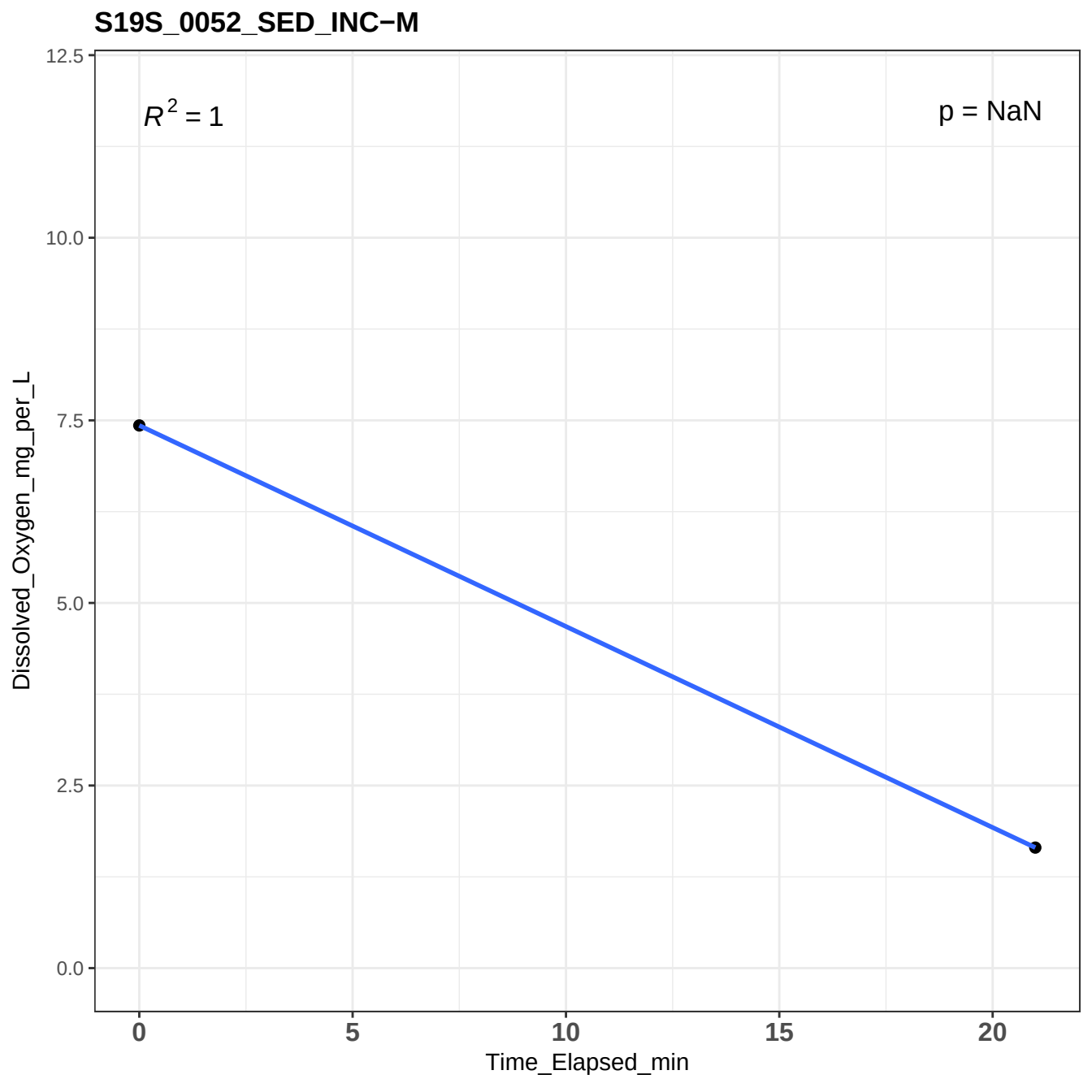

S19S_0050_SED_INC−U
$R^2 = 1$
p = 6e−06
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
25
50
75
100
Time_Elapsed_min

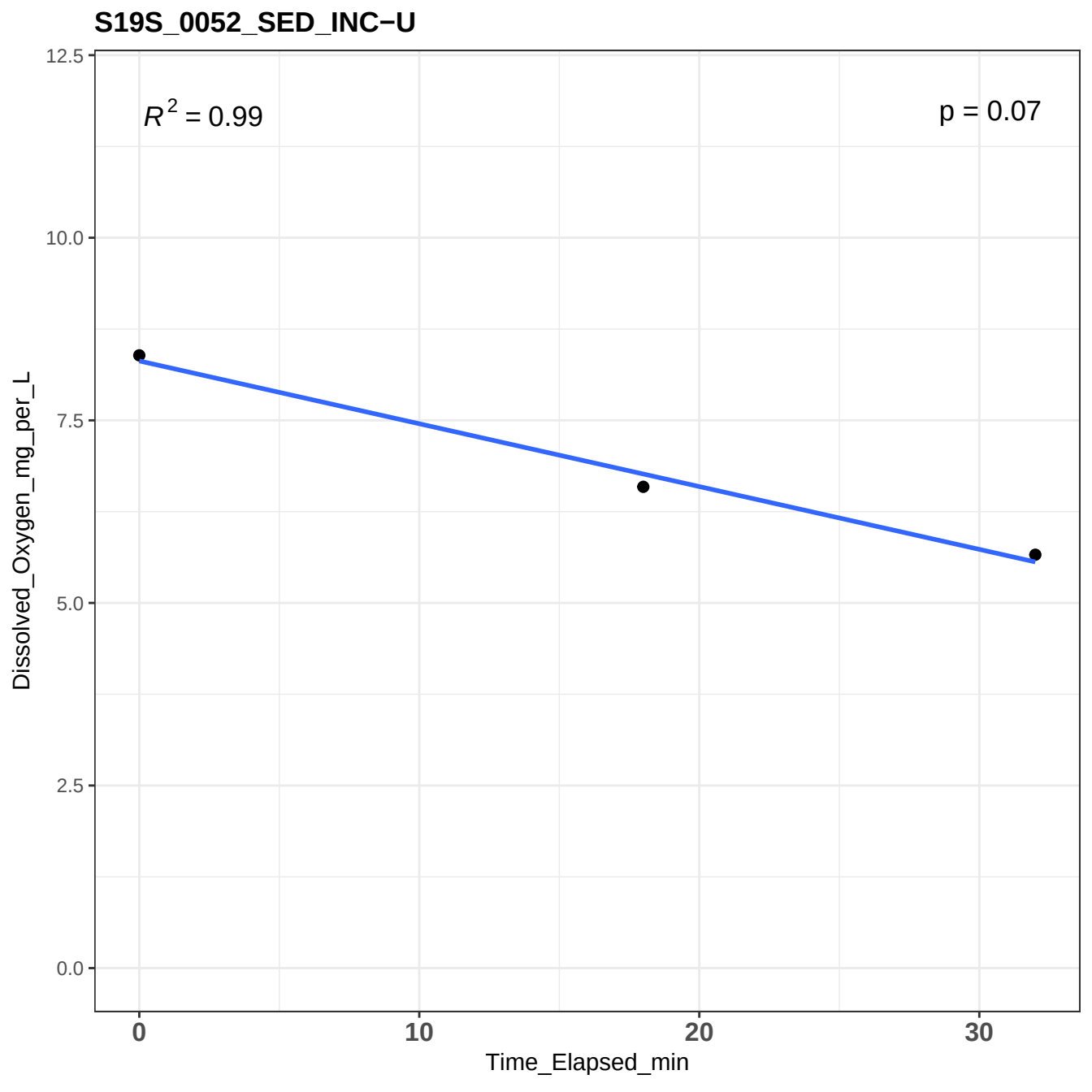

S19S_0051_SED_INC−D
R^2 = 0.99
p = 2e−05
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
30
60
90
Time_Elapsed_min

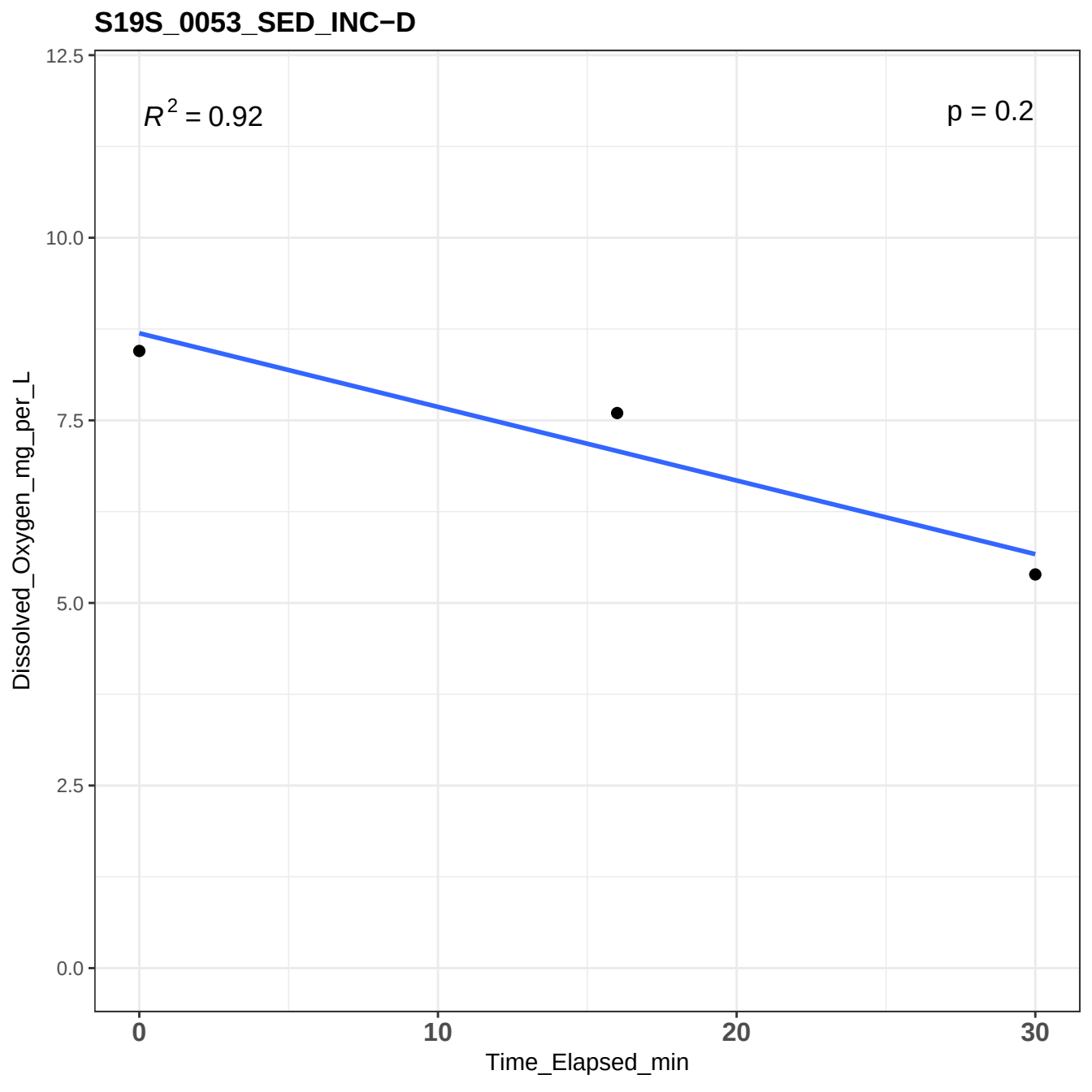

S19S_0051_SED_INC−M
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
Time_Elapsed_min

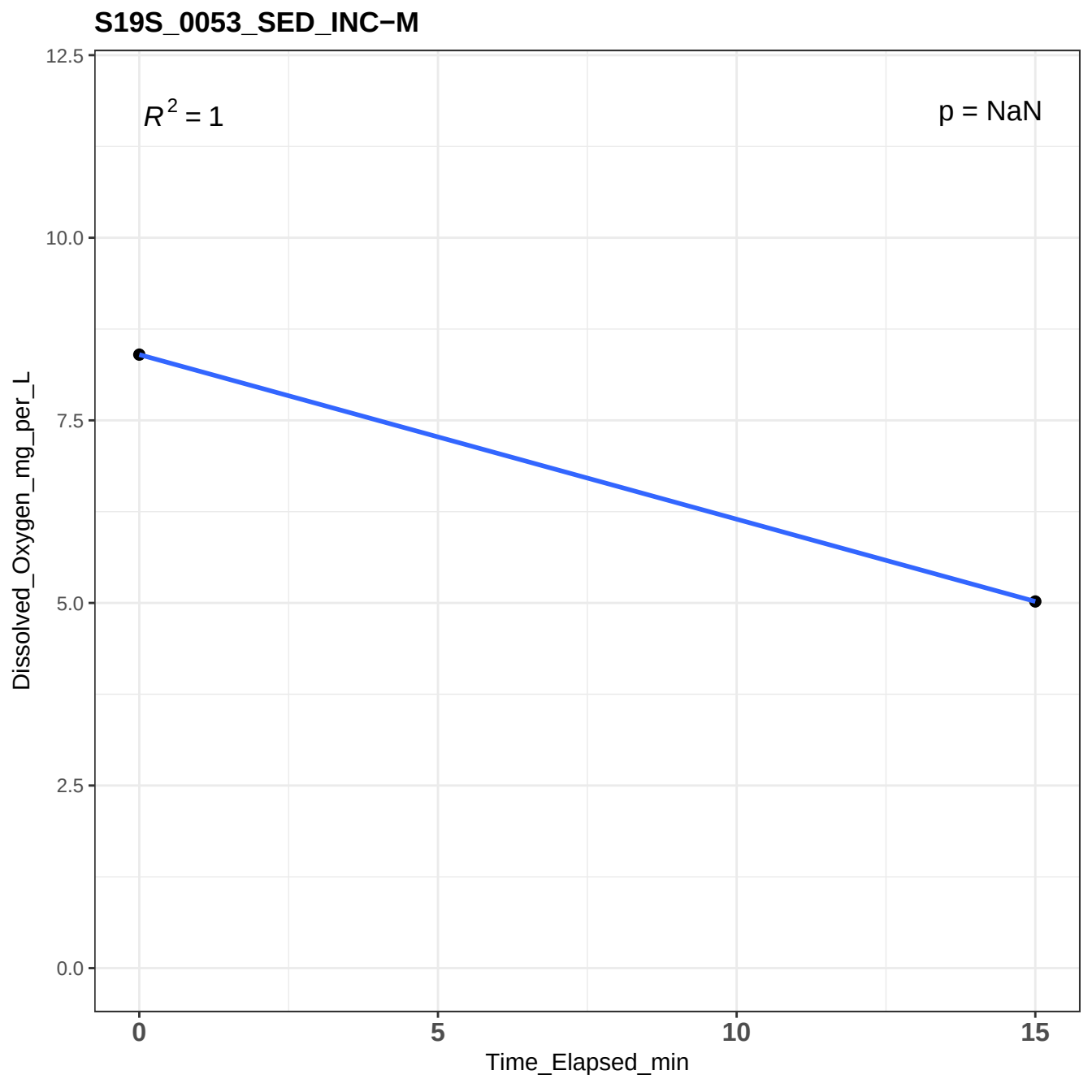

S19S_0051_SED_INC−U
R^2 = 0.98
p = 0.001
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
Time_Elapsed_min

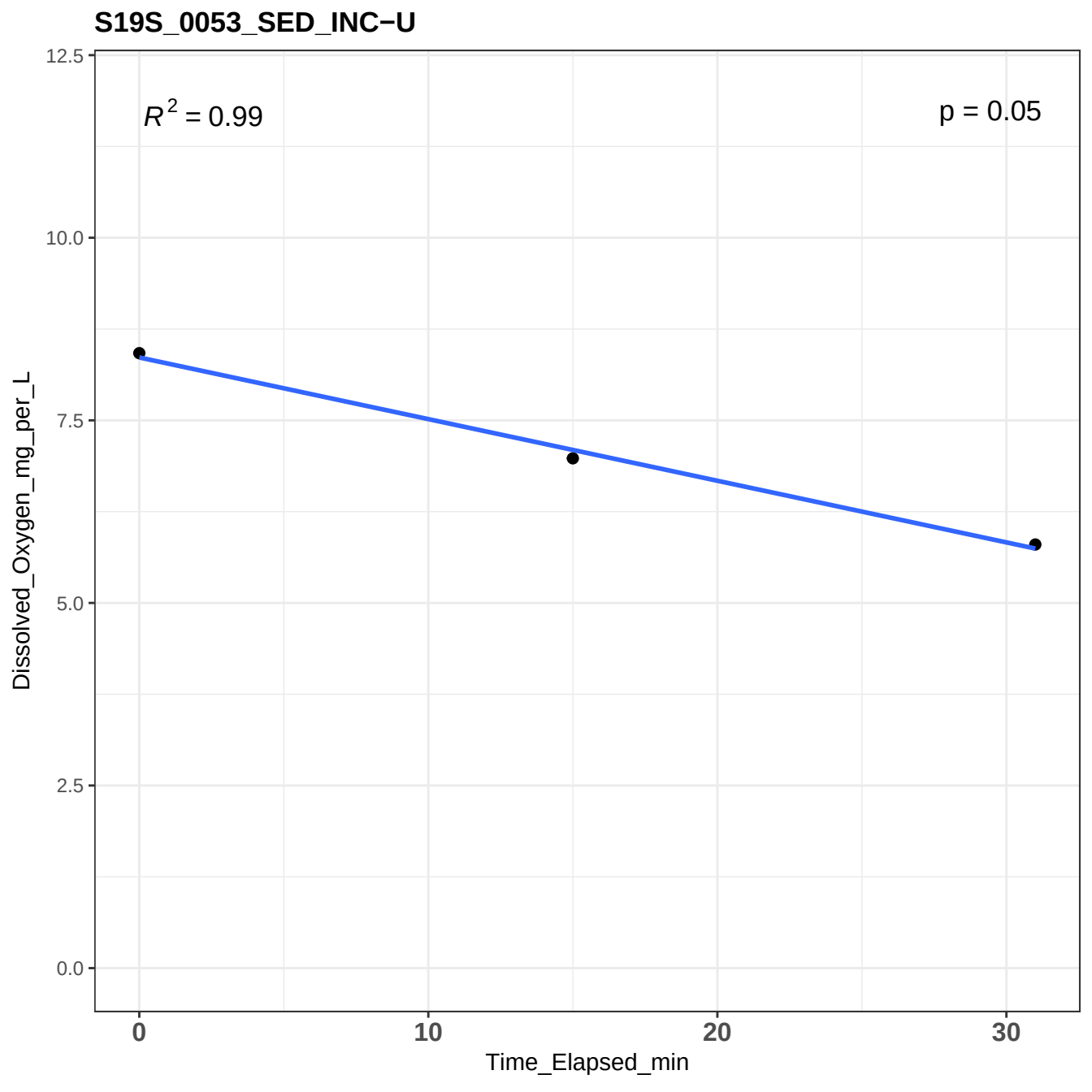

S19S_0052_SED_INC−D
$R^2 = 1$
p = 0.02
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
40
Time_Elapsed_min

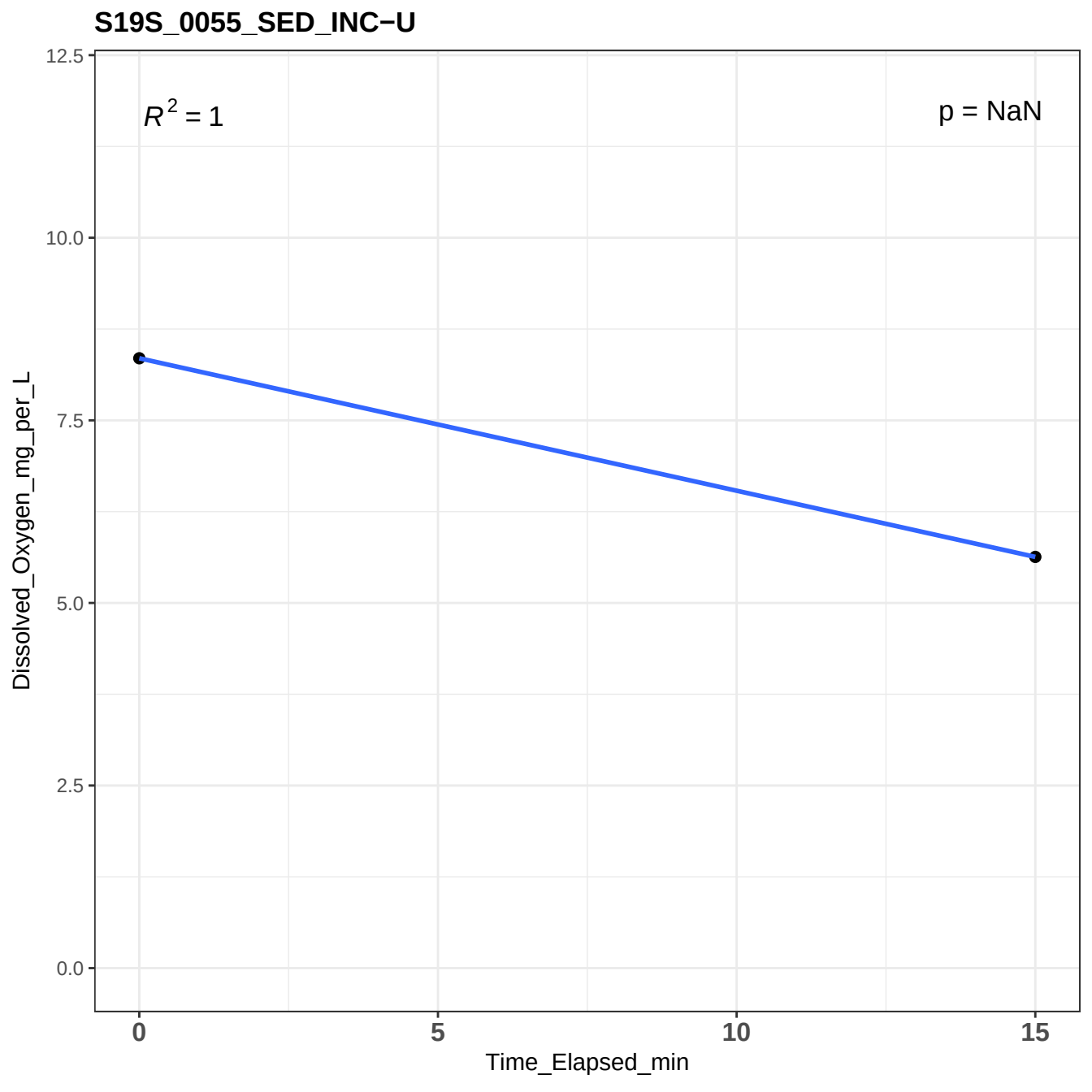

S19S_0052_SED_INC−M
$R^2 = 1$
p = NaN
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
5
10
15
20
Time_Elapsed_min

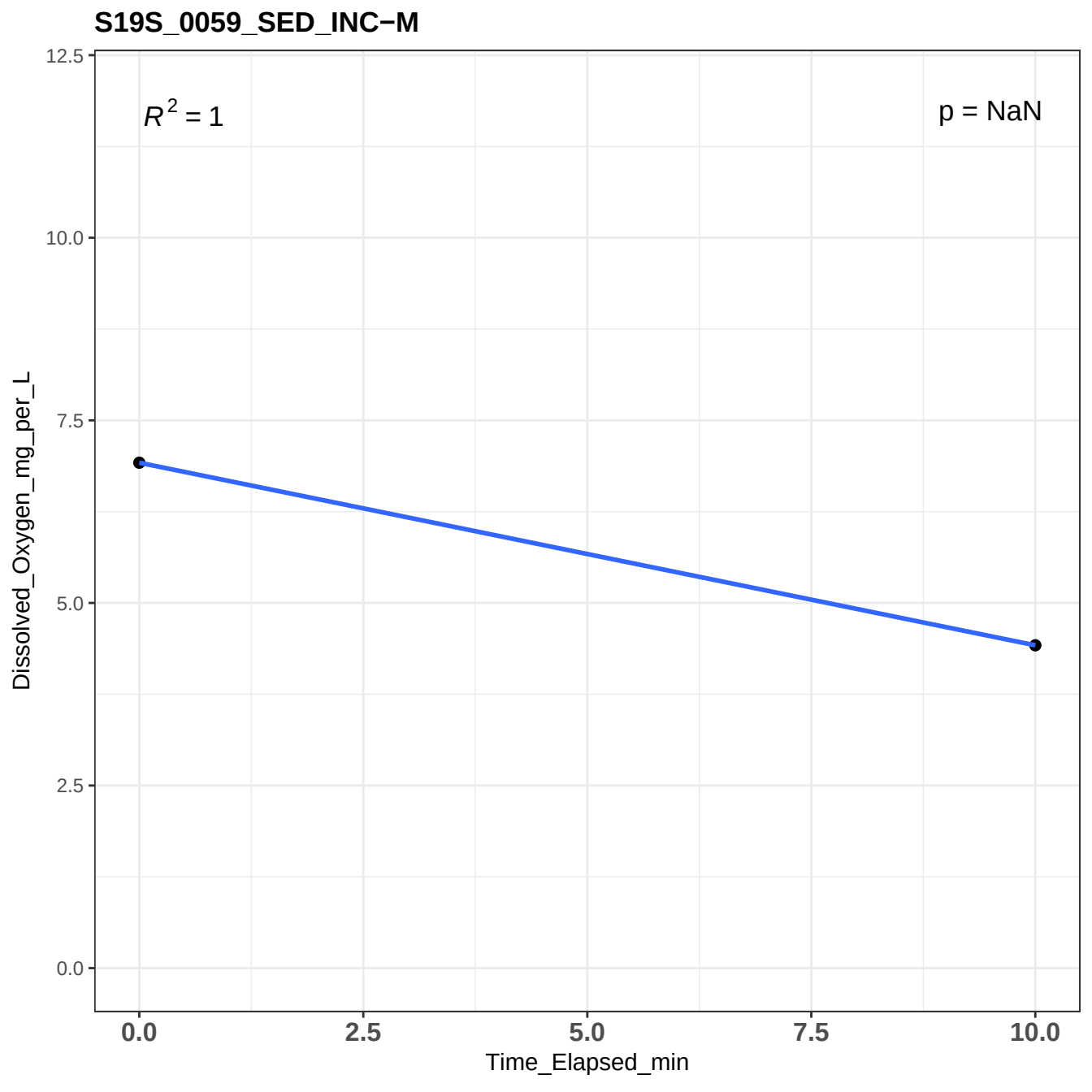

S19S_0052_SED_INC−U
R^2 = 0.99
p = 0.07
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
Time_Elapsed_min

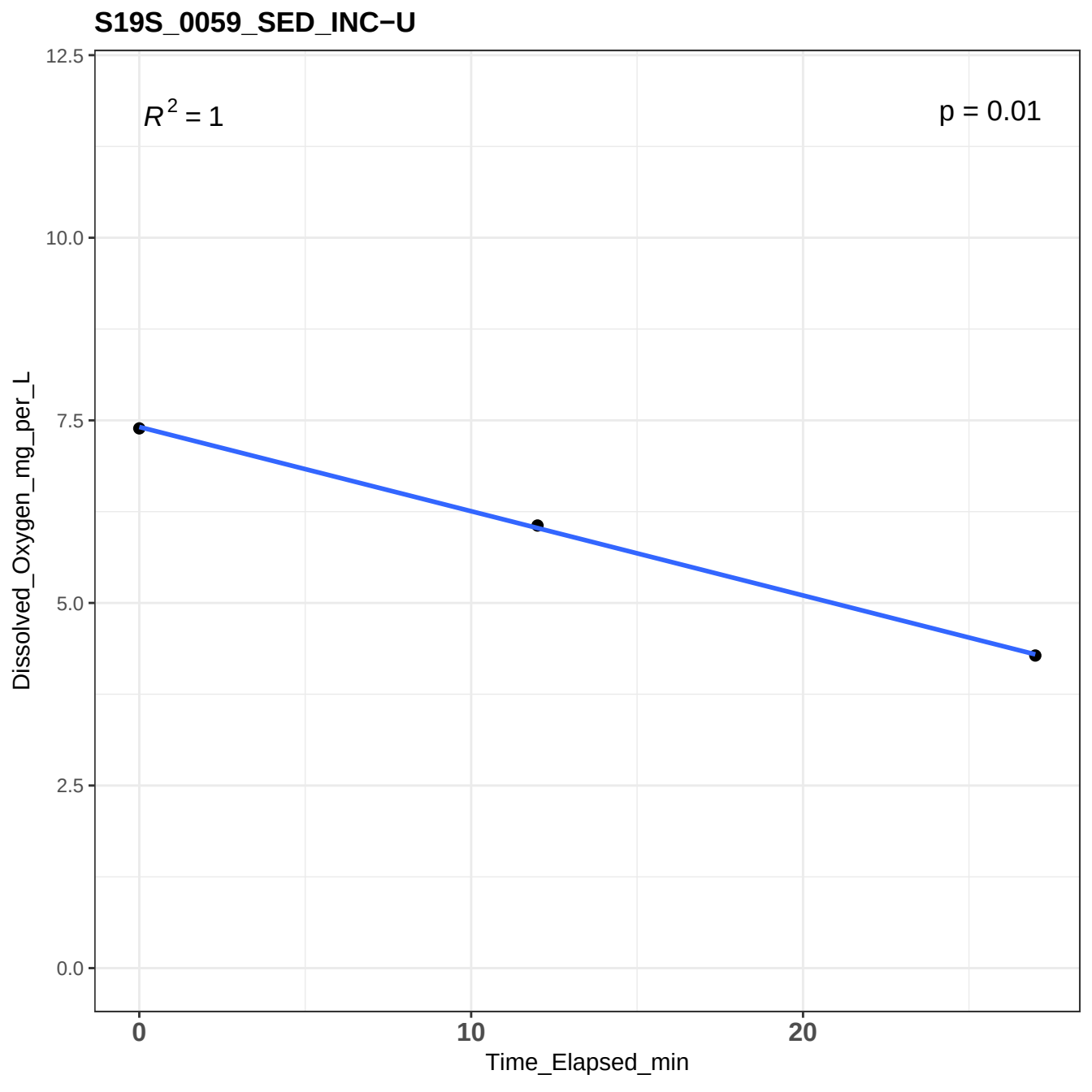

S19S_0053_SED_INC−D
R^2 = 0.92
p = 0.2
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
Time_Elapsed_min

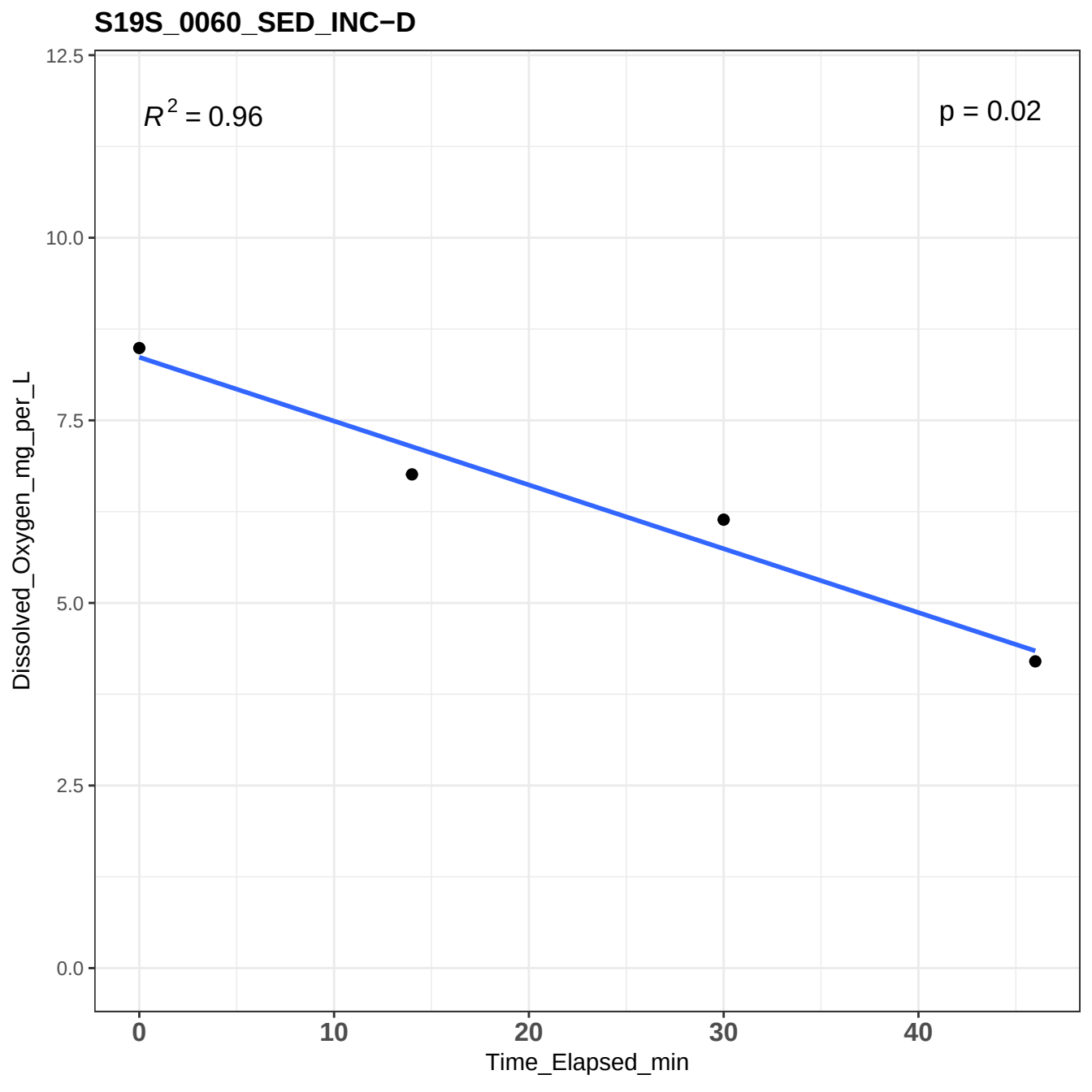

S19S_0053_SED_INC−M
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
15
Time_Elapsed_min

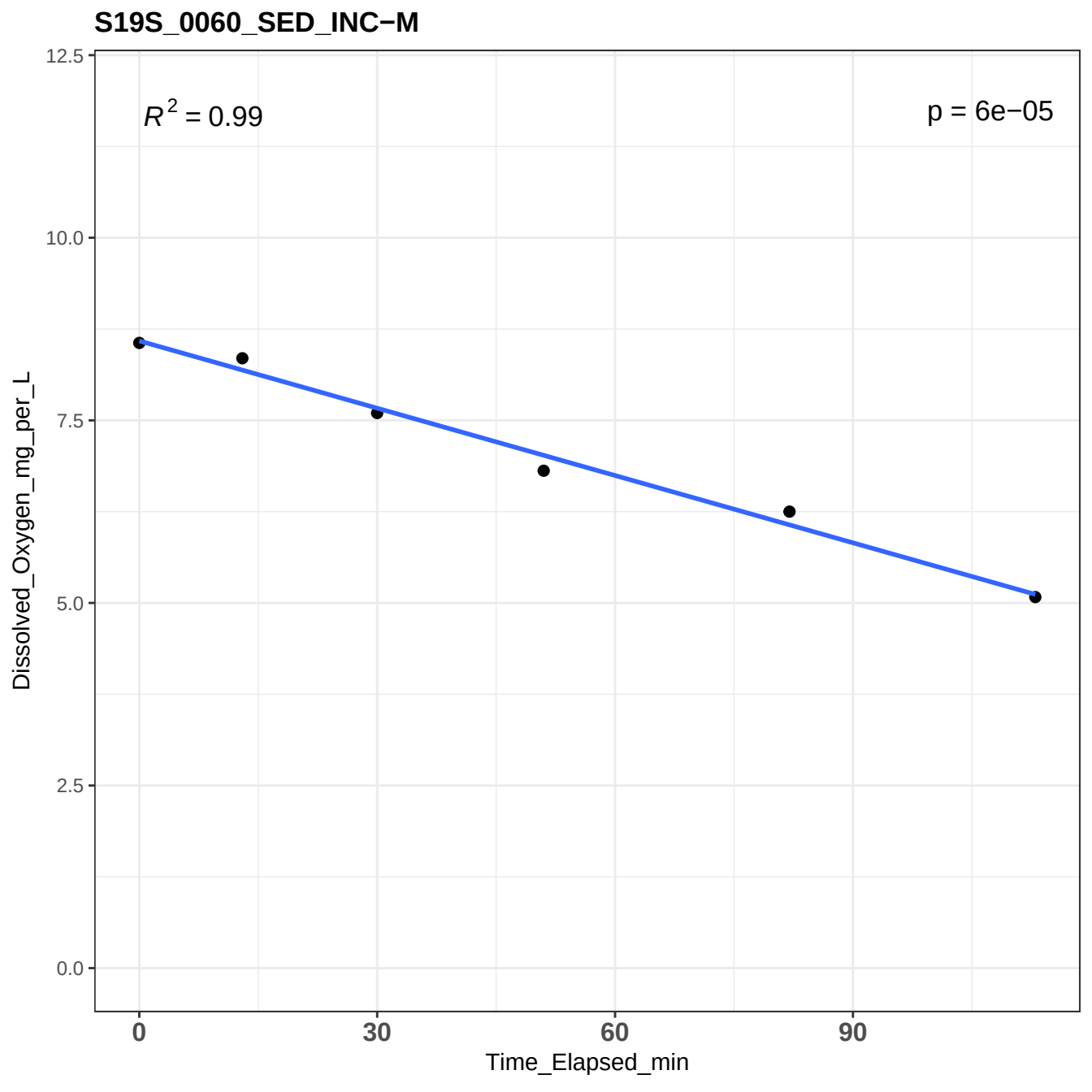

S19S_0053_SED_INC−U
R^2 = 0.99
p = 0.05
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
30
Time_Elapsed_min

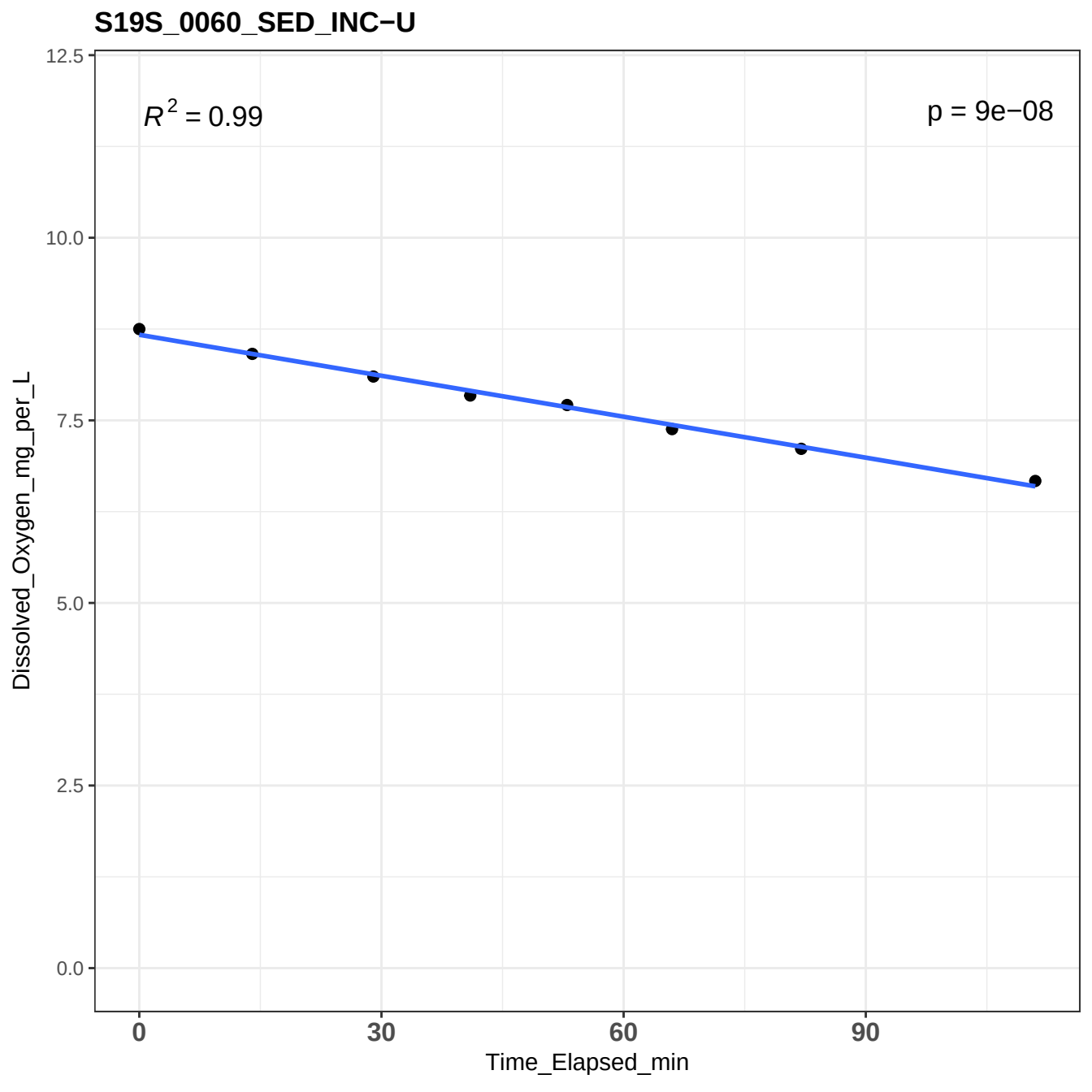

S19S_0055_SED_INC−U
$R^2 = 1$
p = NaN
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
5
10
15
Time_Elapsed_min

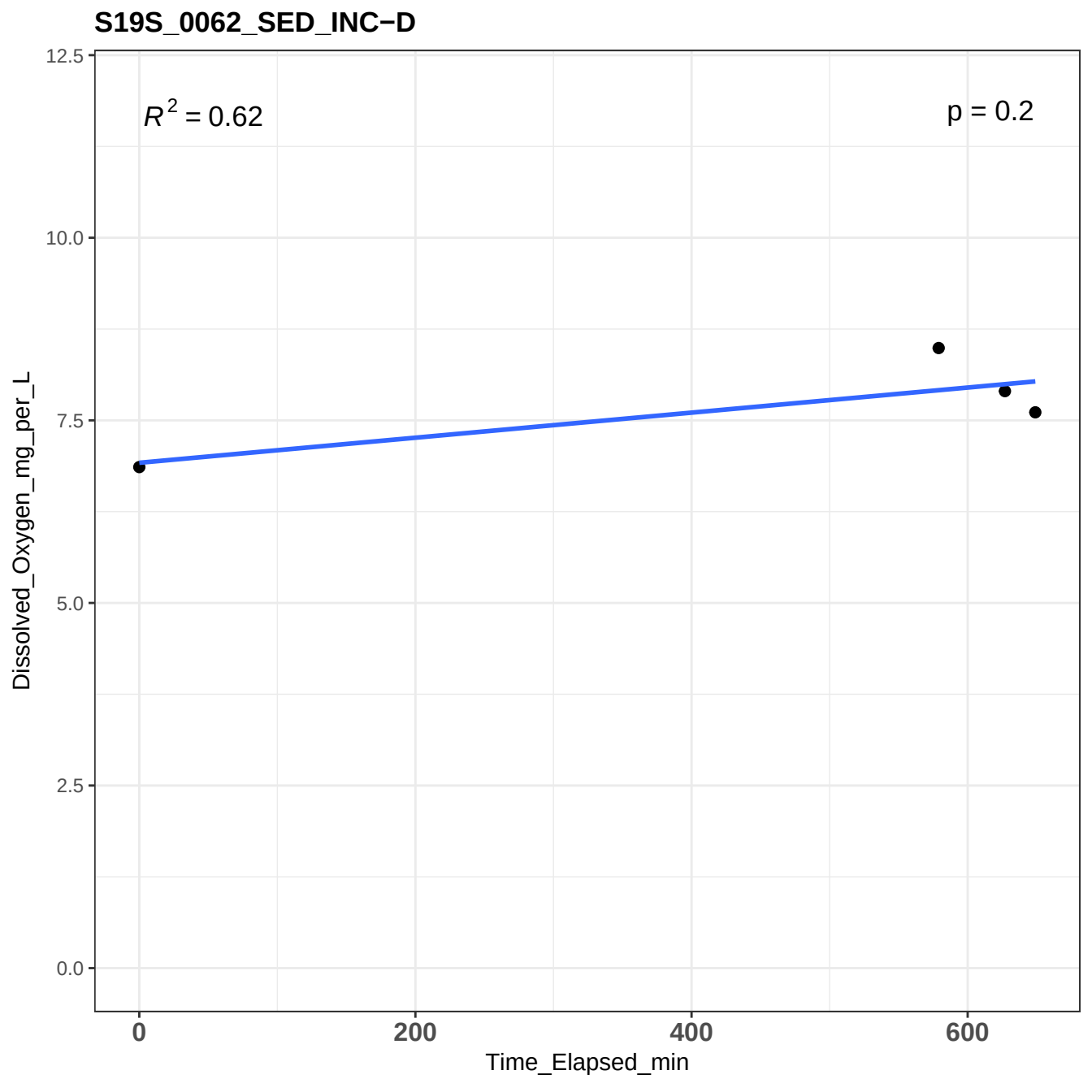

S19S_0059_SED_INC−M
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0.0
2.5
5.0
7.5
10.0
Time_Elapsed_min

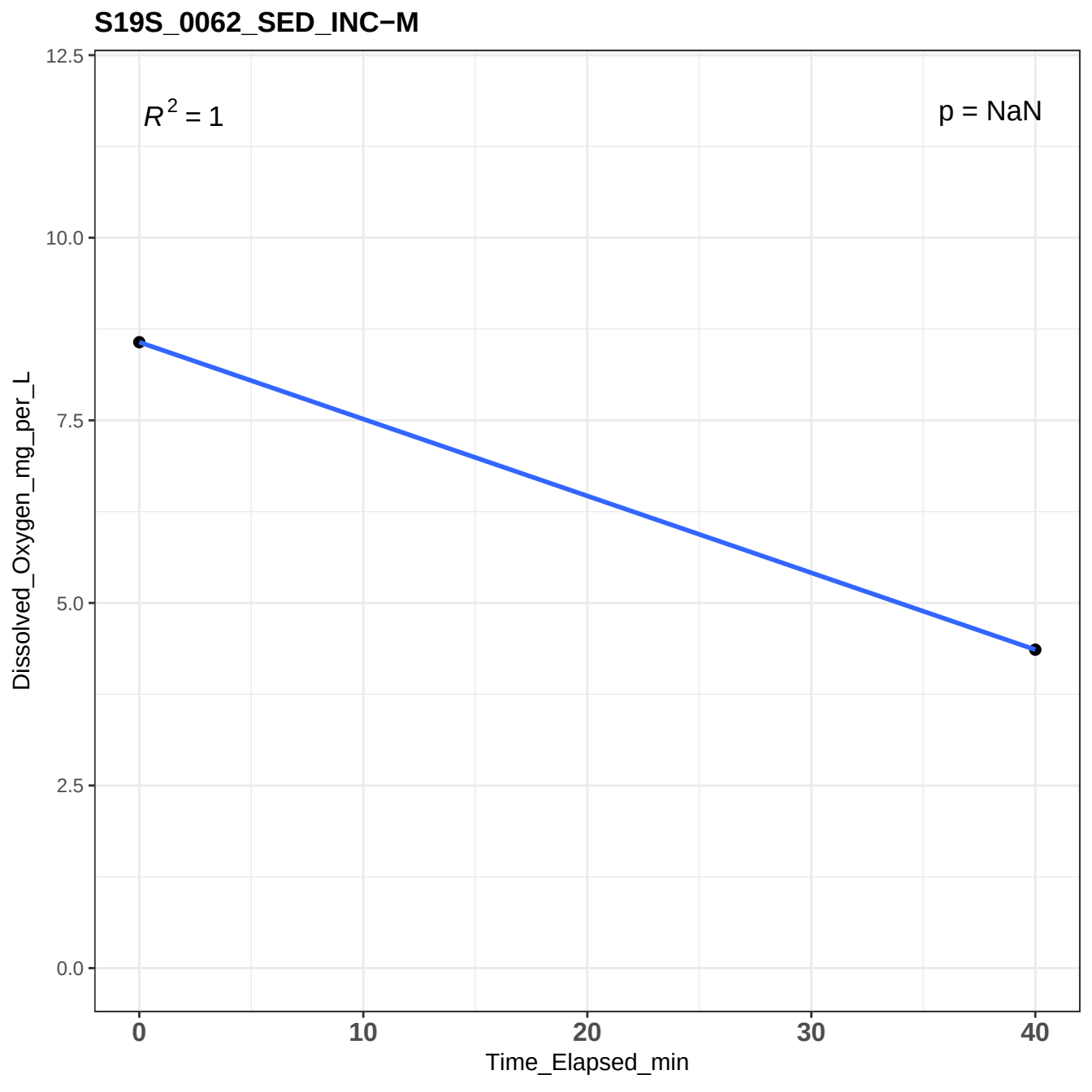

S19S_0059_SED_INC−U
$R^2 = 1$
p = 0.01
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
Time_Elapsed_min

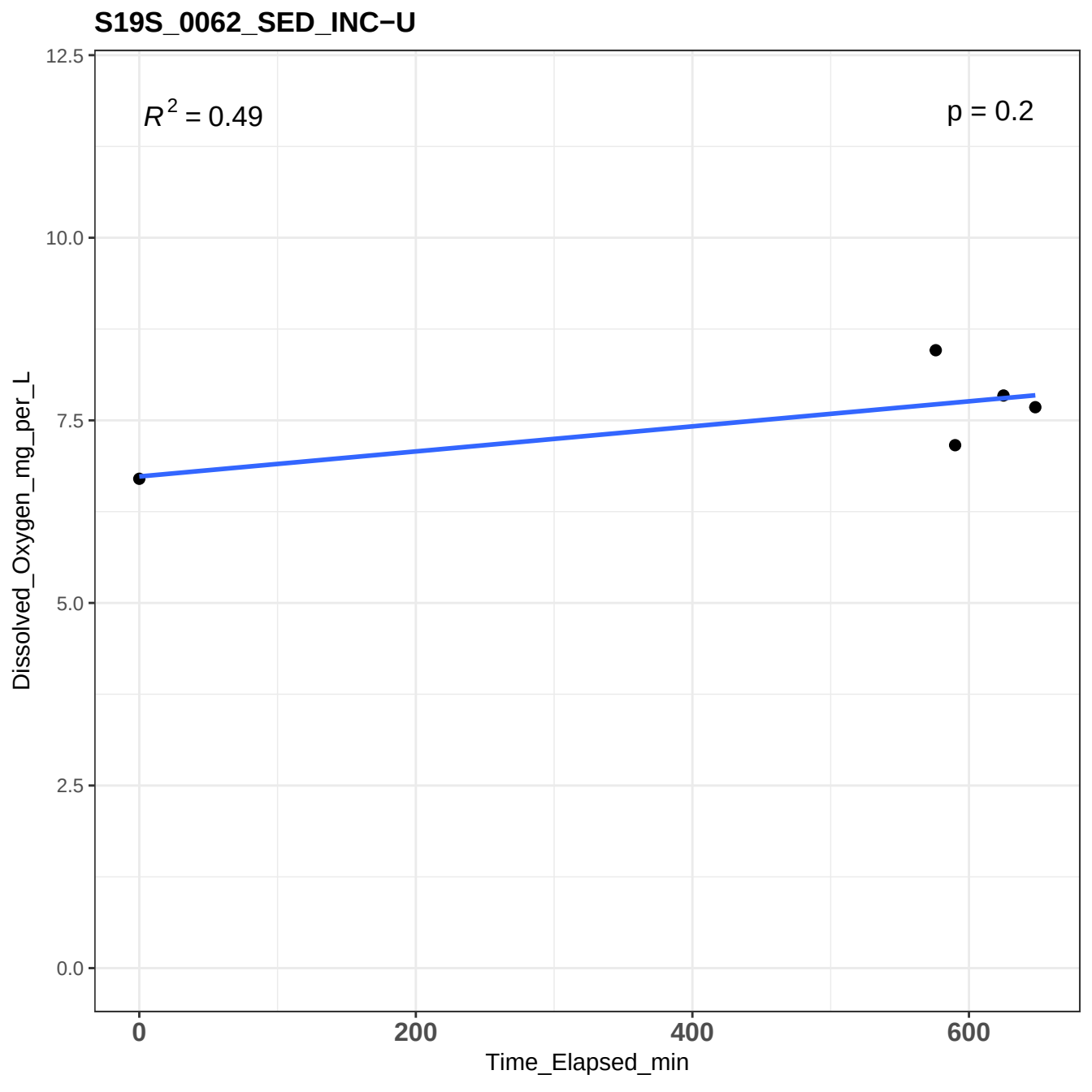

S19S_0060_SED_INC−D
R^2 = 0.96
p = 0.02
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
40
Time_Elapsed_min

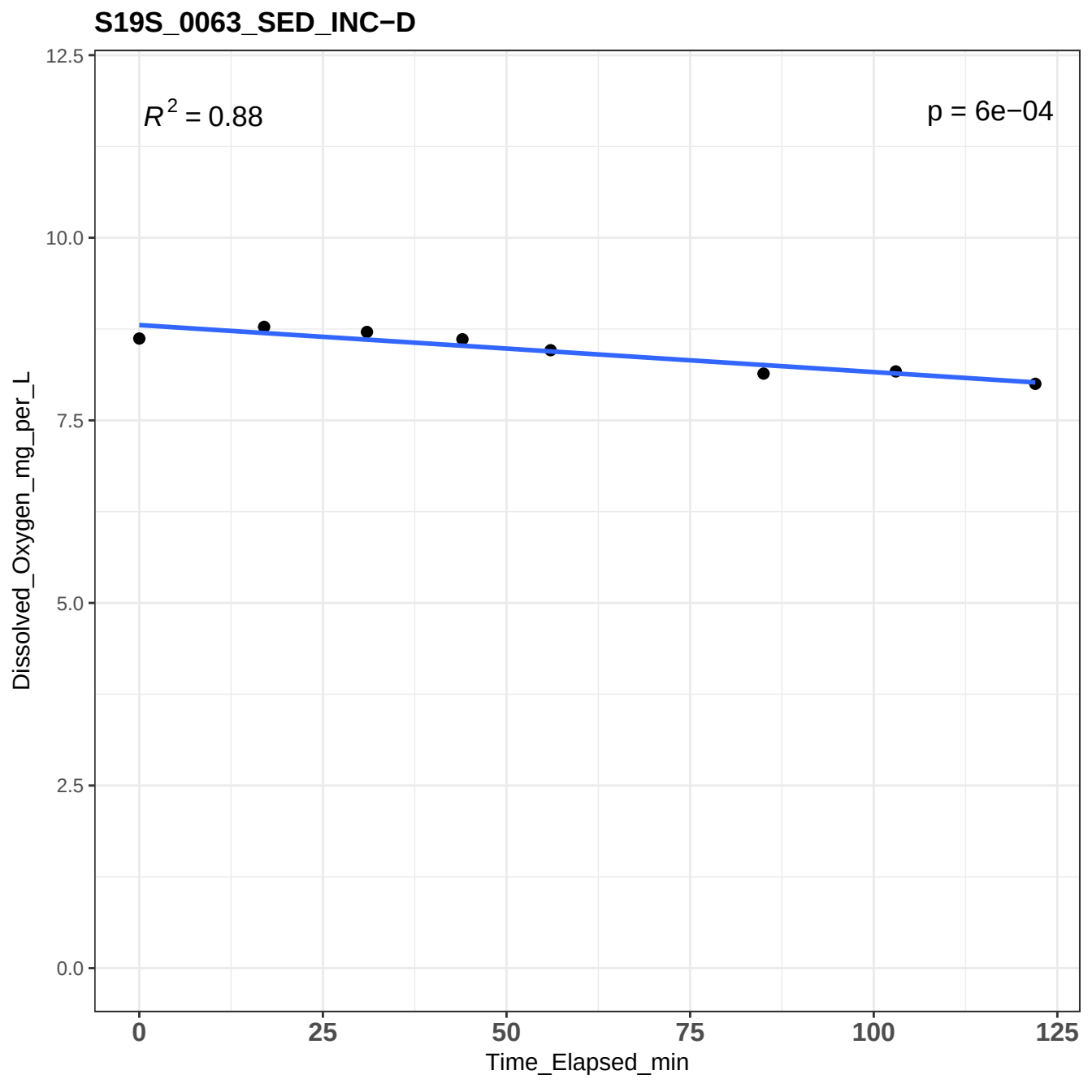

S19S_0060_SED_INC−M
R^2 = 0.99
p = 6e−05
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
30
60
90
Time_Elapsed_min

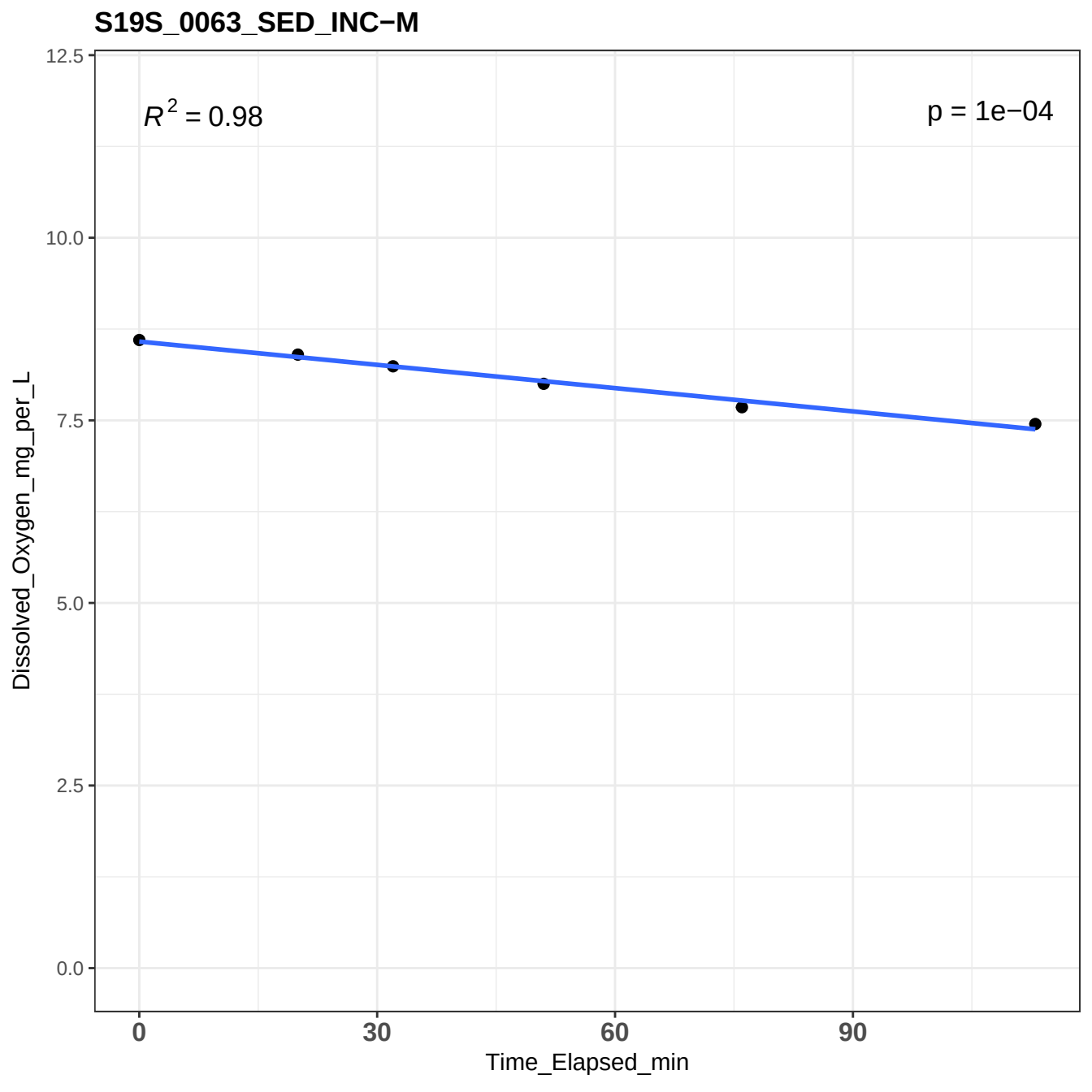

S19S_0060_SED_INC−U
R^2 = 0.99
p = 9e−08
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
Time_Elapsed_min

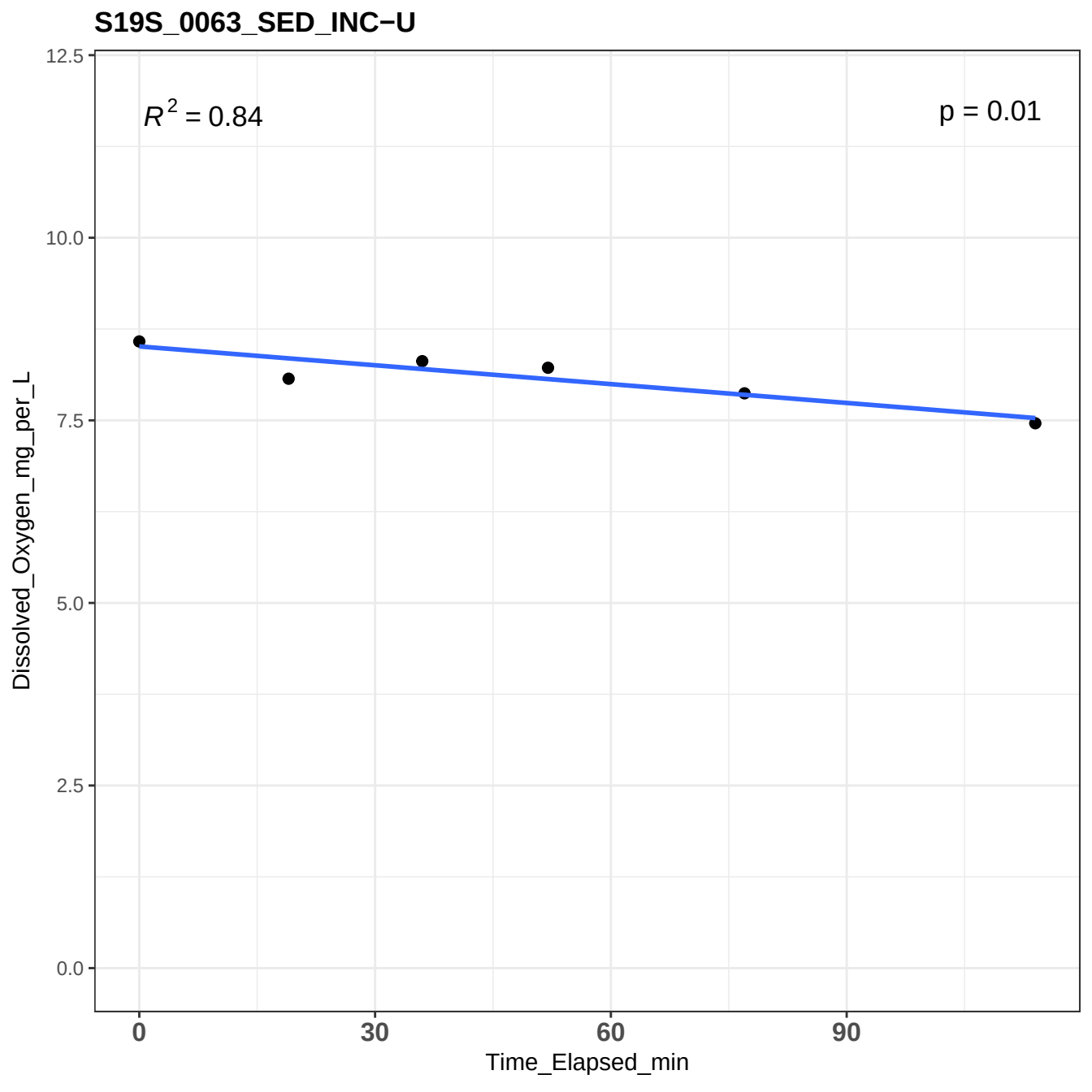

S19S_0062_SED_INC−D
R^2 = 0.62
p = 0.2
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
200
400
600
Time_Elapsed_min

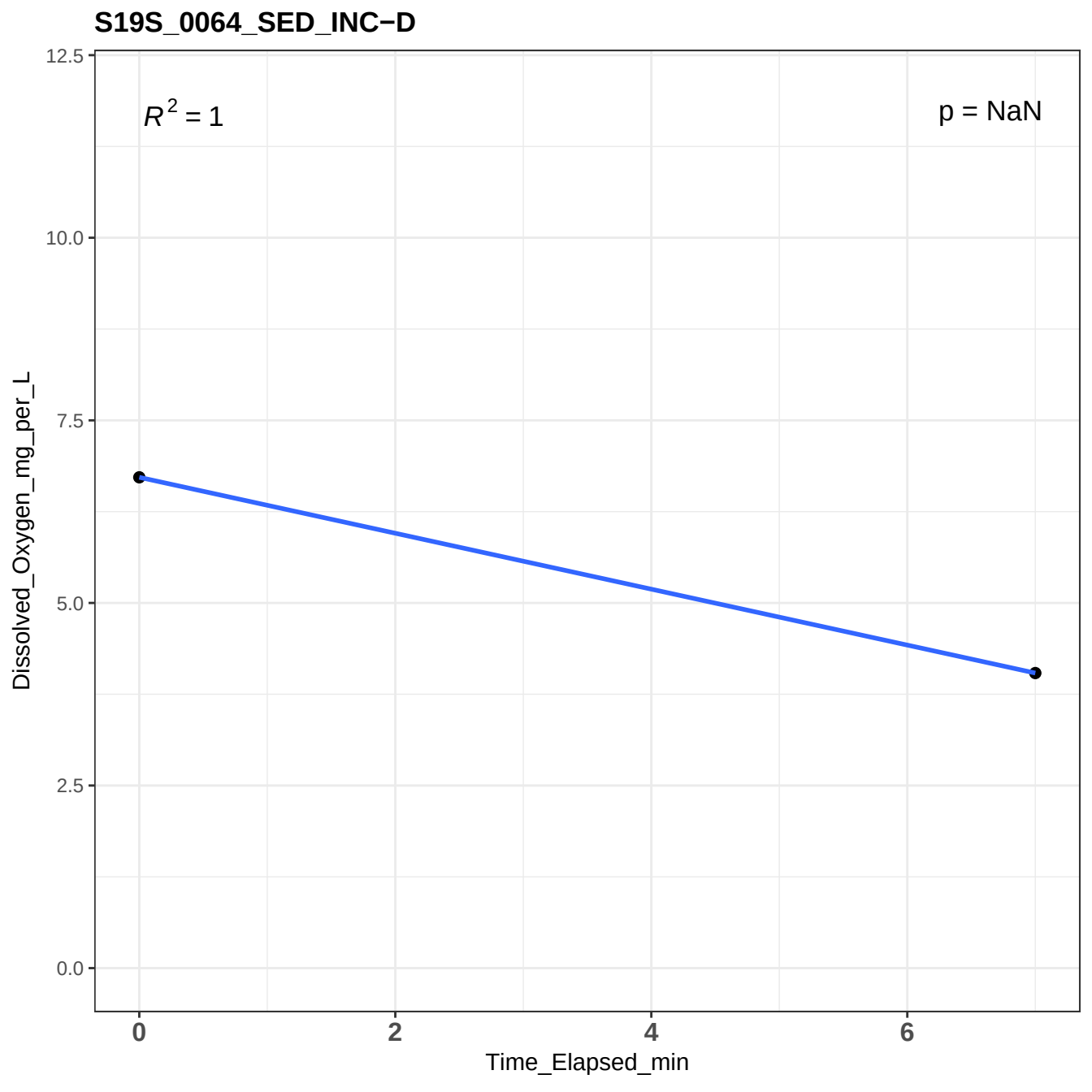

S19S_0062_SED_INC−M
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
30
40
Time_Elapsed_min

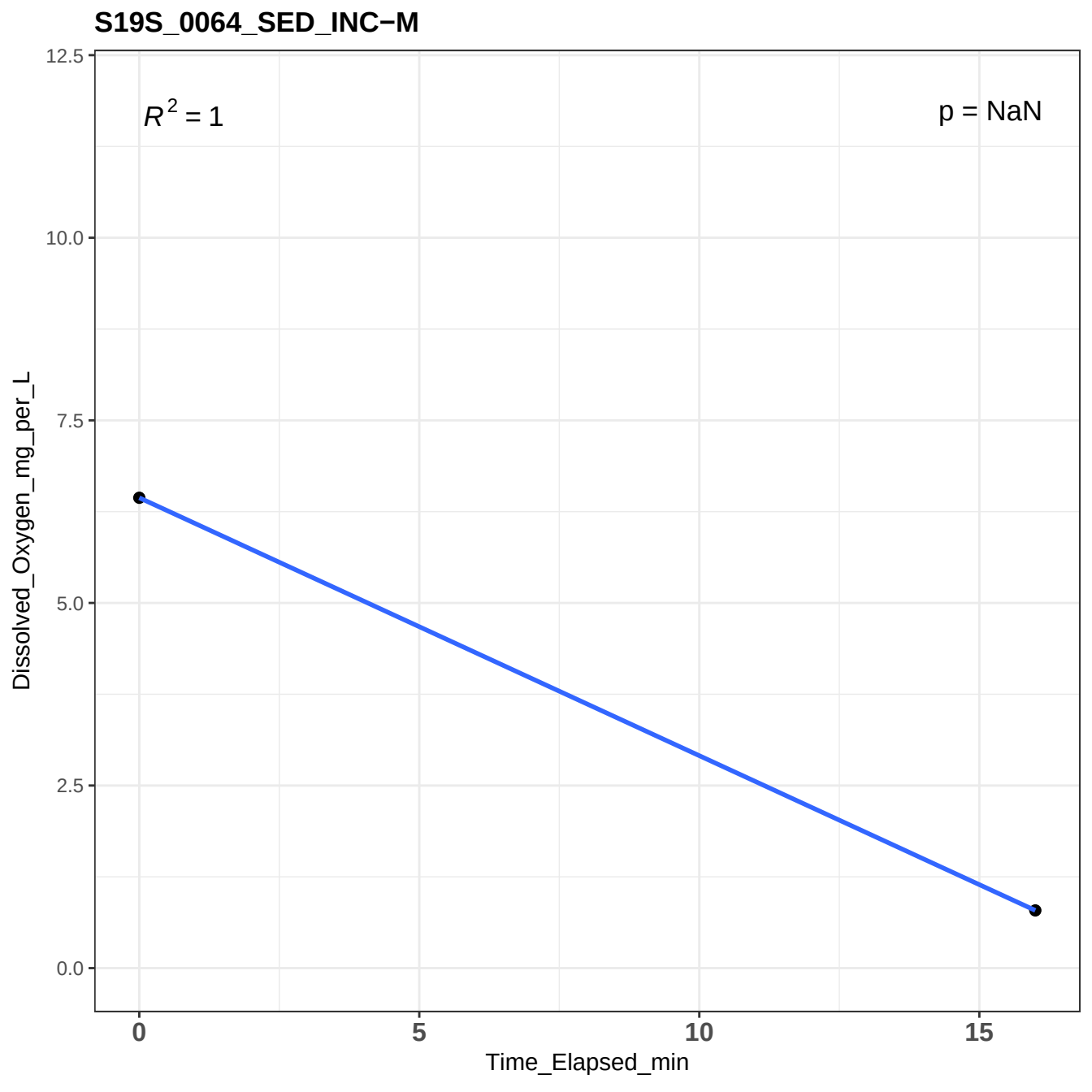

S19S_0062_SED_INC−U
R^2 = 0.49
p = 0.2
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
200
400
600
Time_Elapsed_min

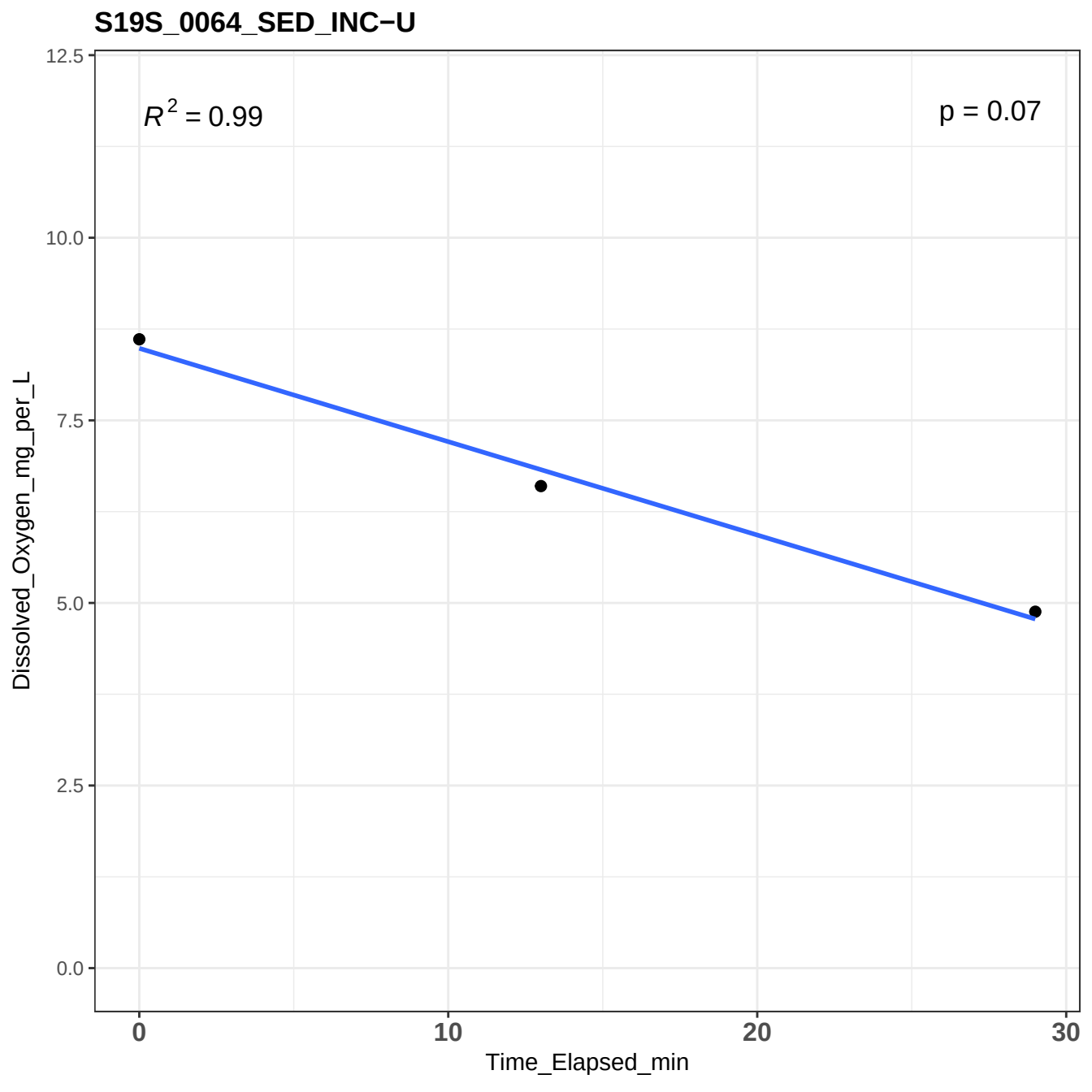

S19S_0063_SED_INC−D
R^2 = 0.88
p = 6e−04
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
125
Time_Elapsed_min

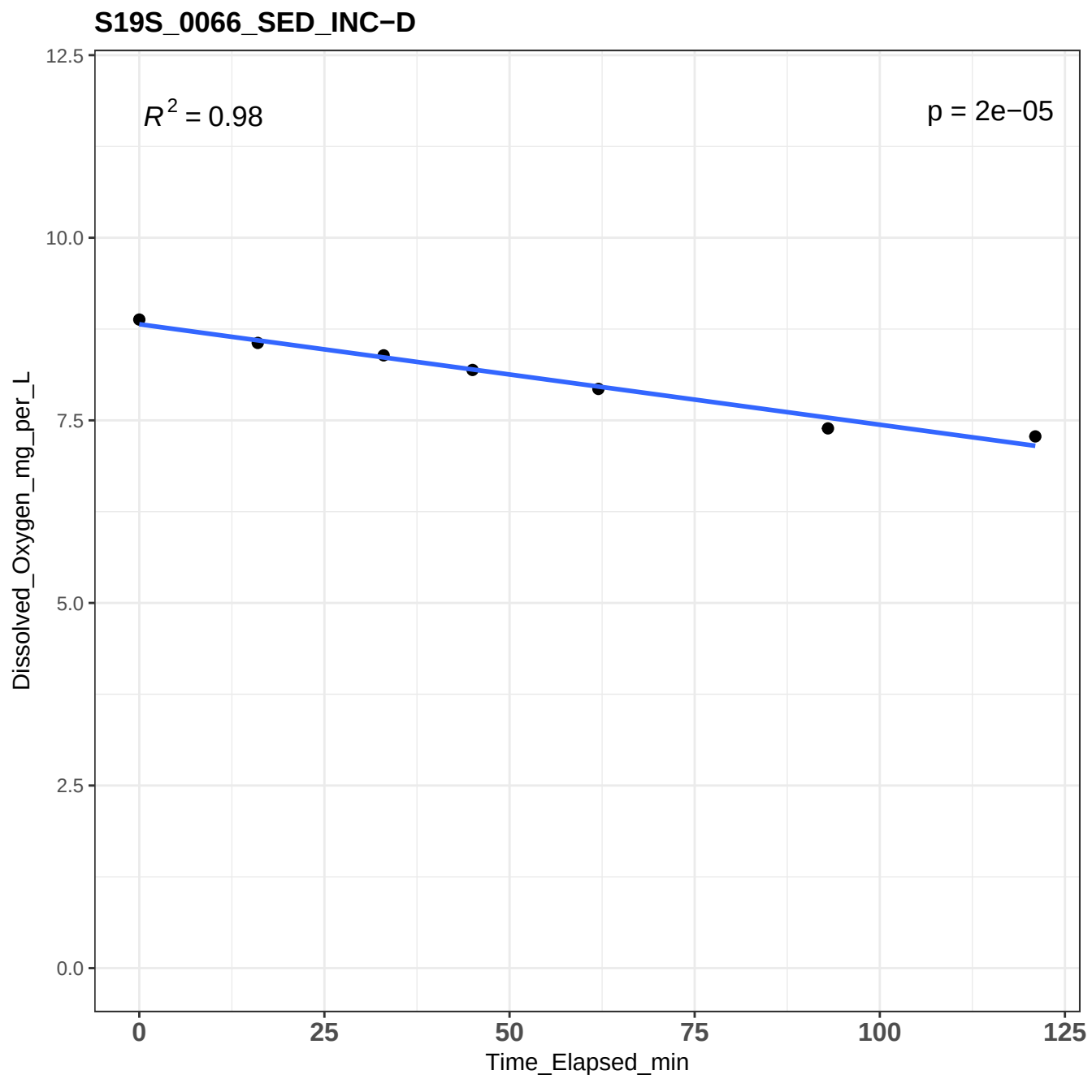

S19S_0063_SED_INC−M
R^2 = 0.98
p = 1e−04
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
30
60
90
Time_Elapsed_min

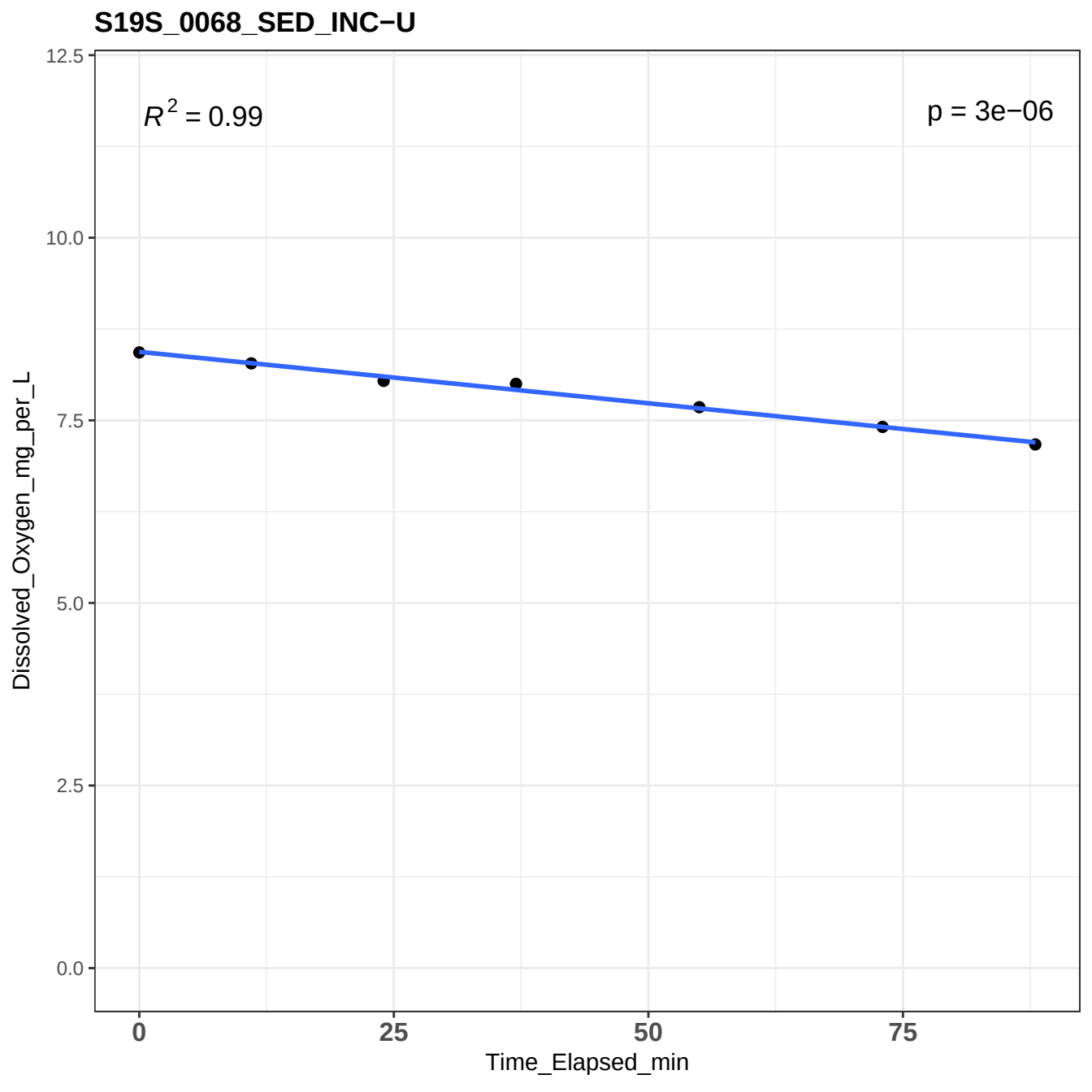

S19S_0063_SED_INC−U
R^2 = 0.84
p = 0.01
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
Time_Elapsed_min

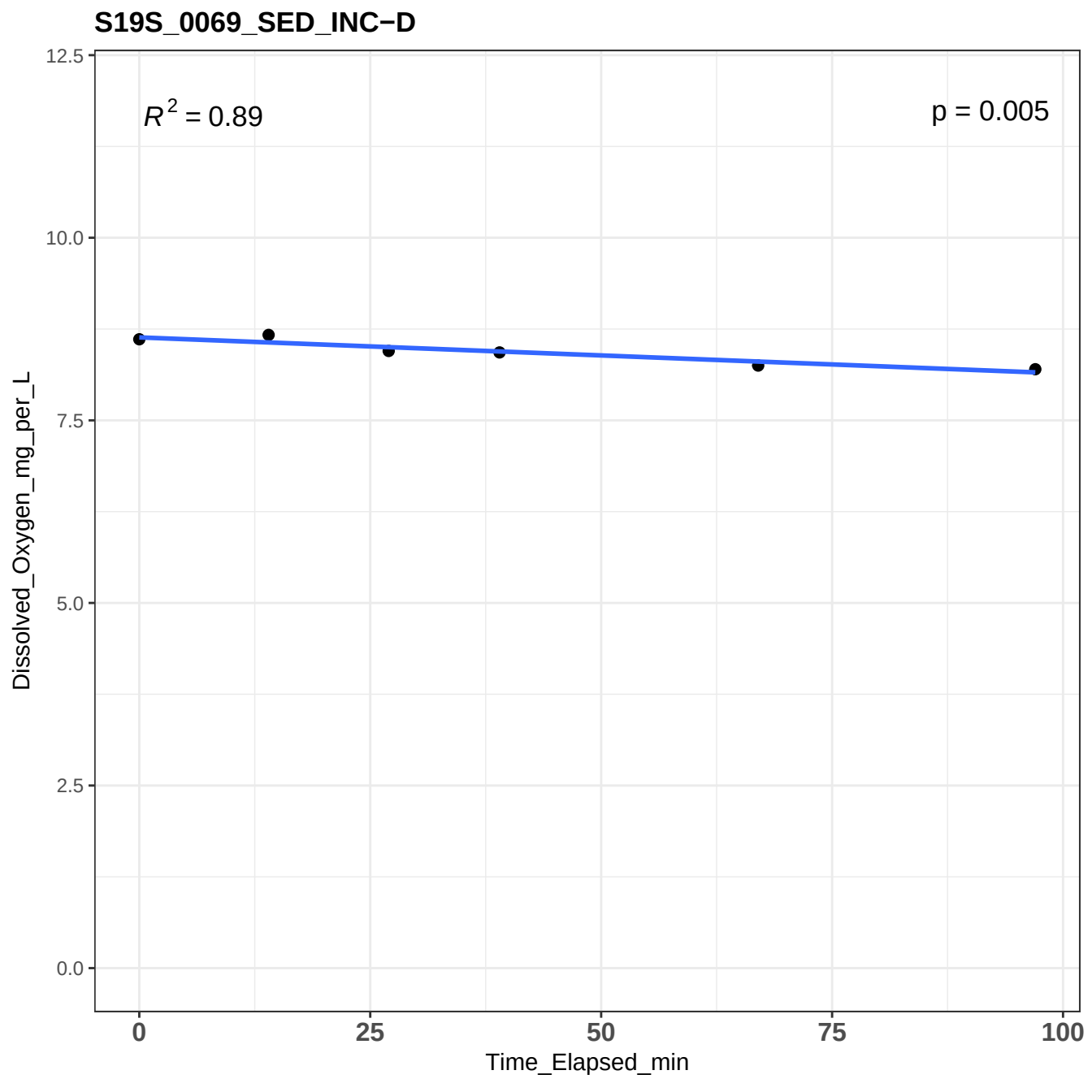

S19S_0064_SED_INC−D
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
2
4
6
Time_Elapsed_min

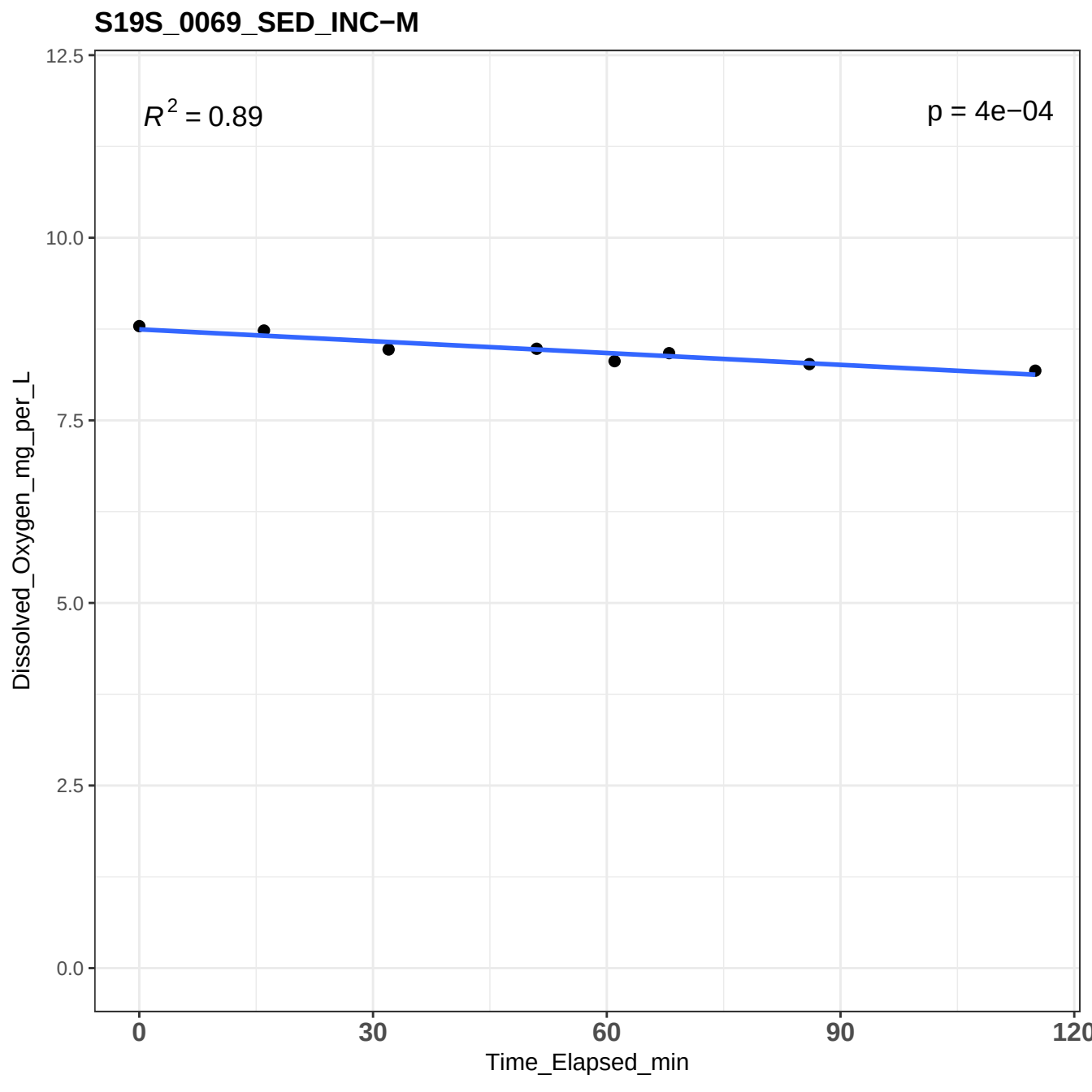

S19S_0064_SED_INC−M
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
15
Time_Elapsed_min

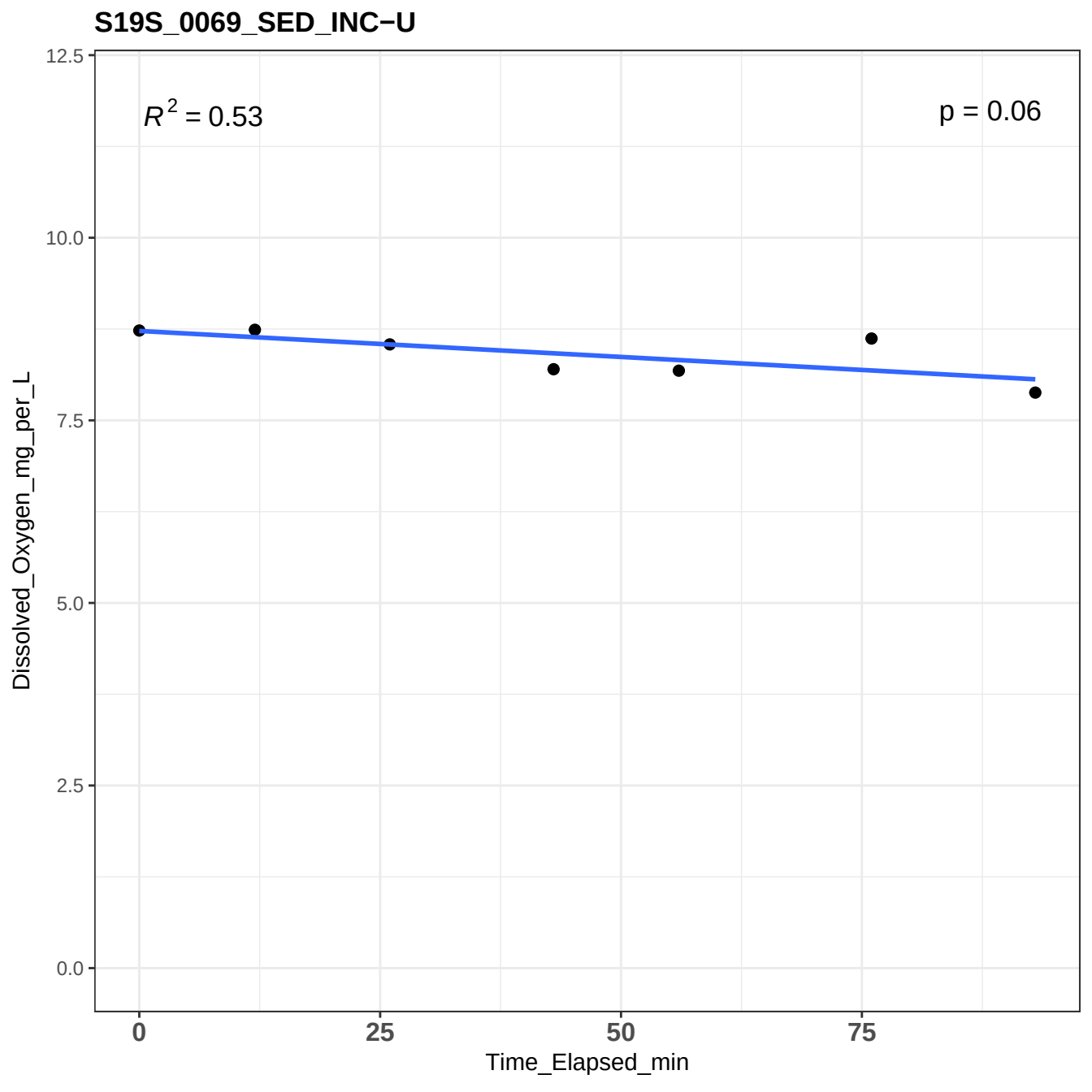

S19S_0064_SED_INC−U
R^2 = 0.99
p = 0.07
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
30
Time_Elapsed_min

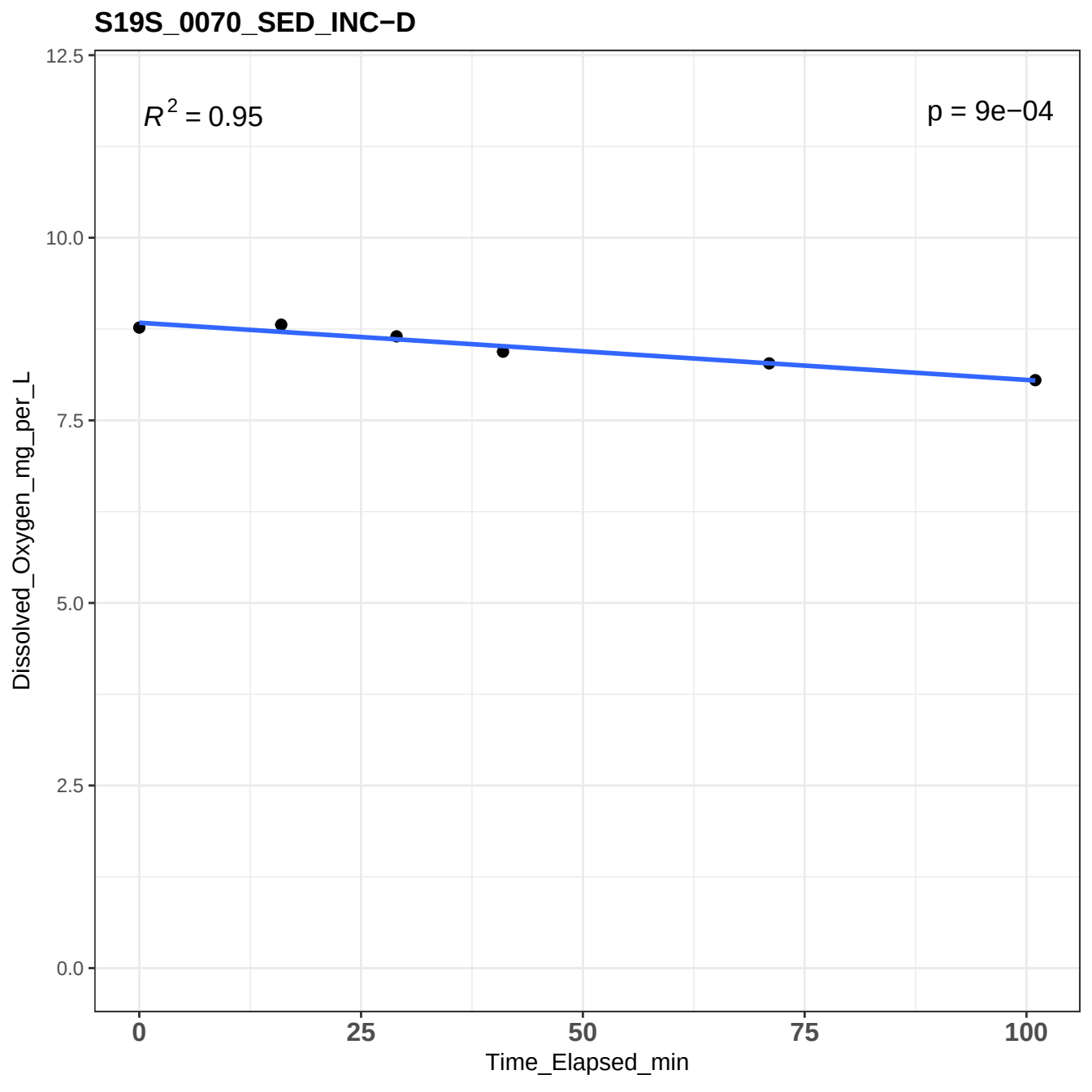

S19S_0066_SED_INC−D
R^2 = 0.98
p = 2e−05
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
125
Time_Elapsed_min

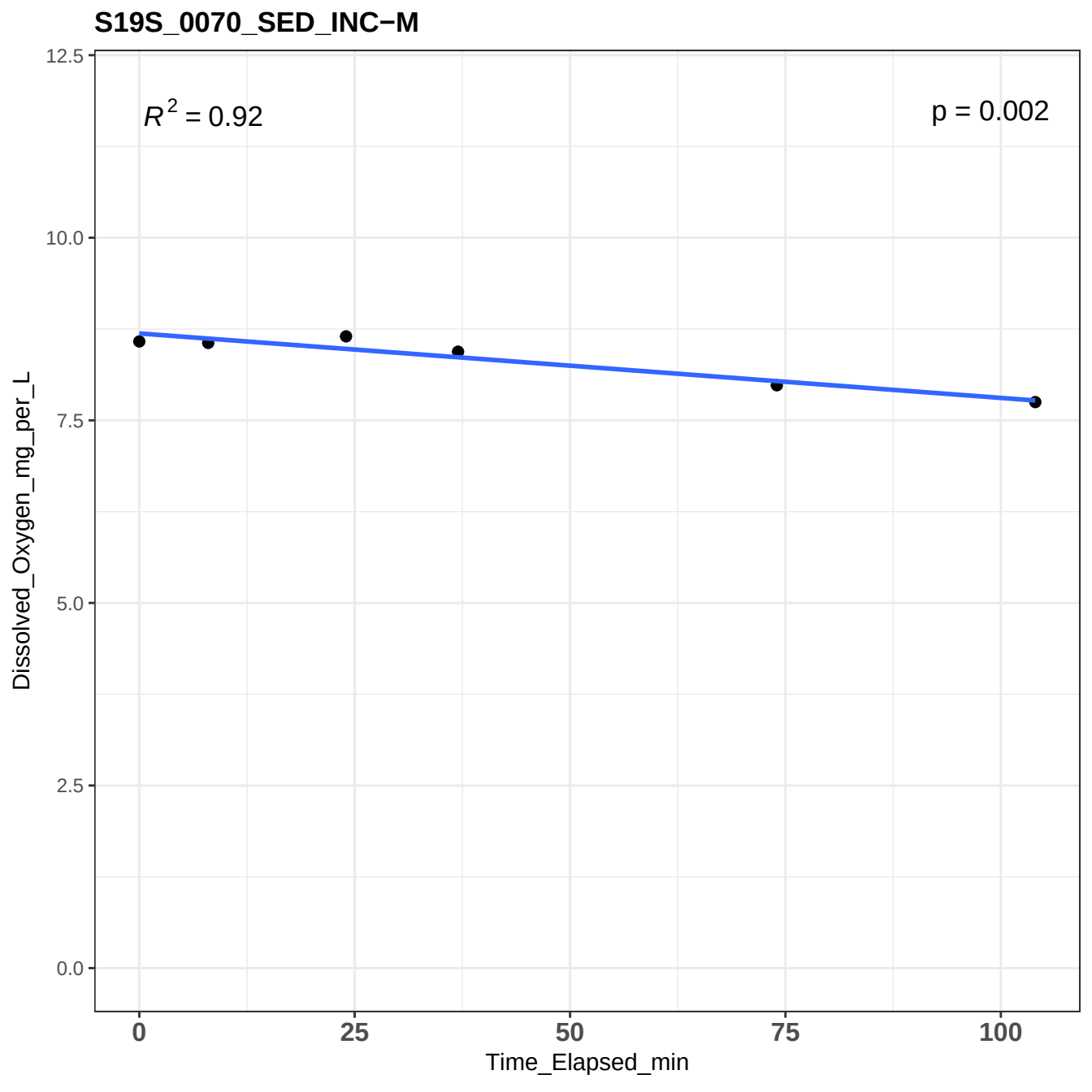

S19S_0068_SED_INC−U
R^2 = 0.99
p = 3e−06
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
Time_Elapsed_min

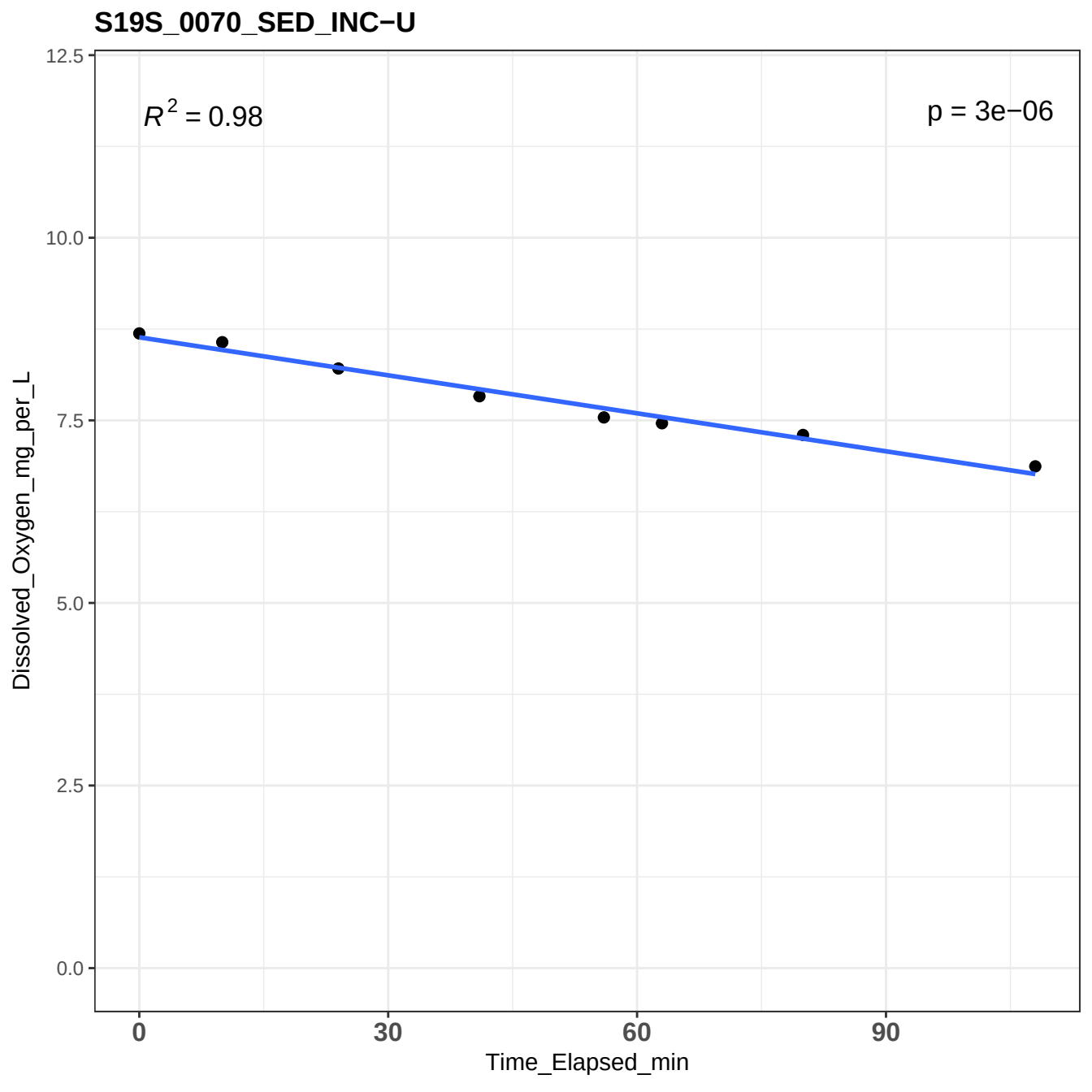

S19S_0069_SED_INC−D
R^2 = 0.89
p = 0.005
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
Time_Elapsed_min

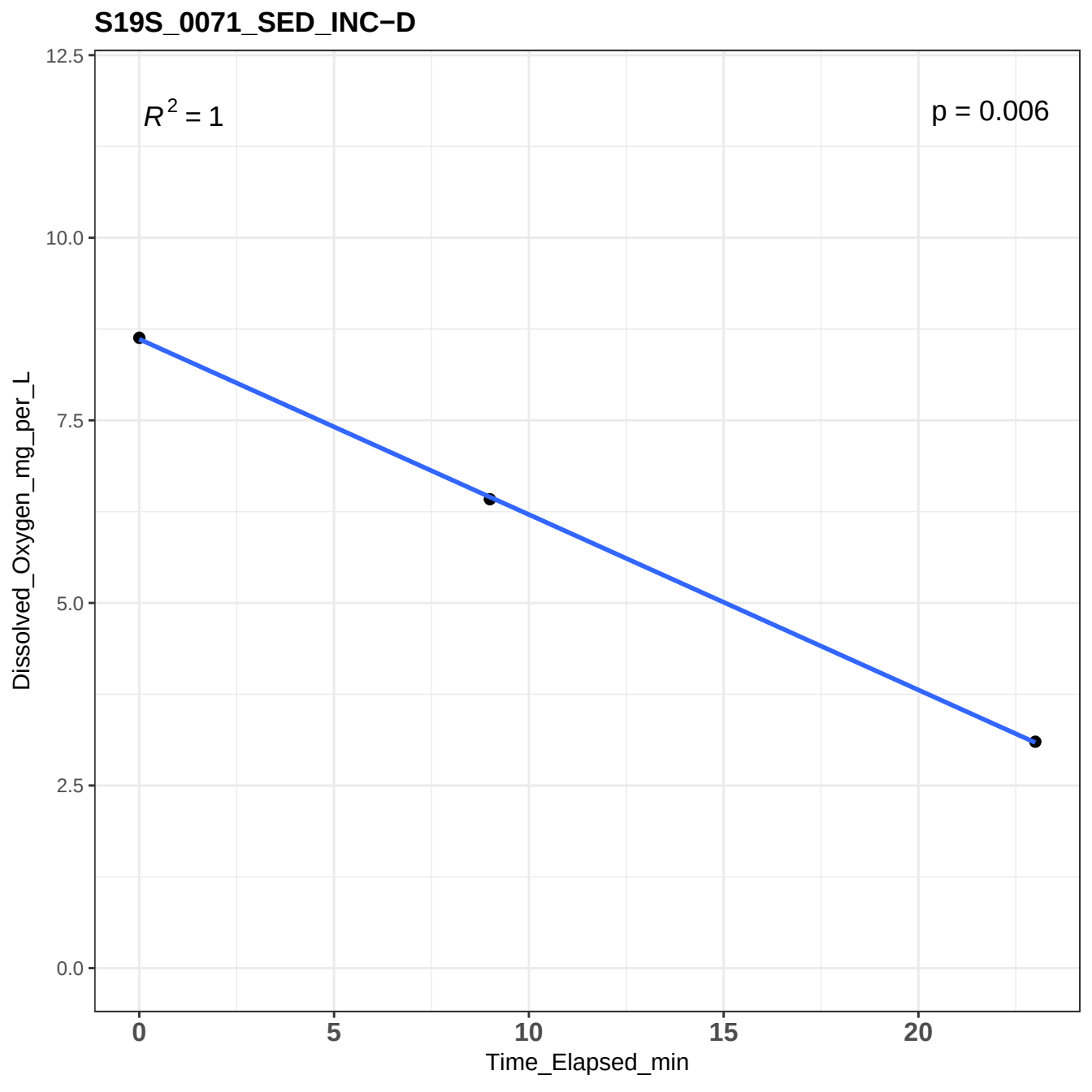

S19S_0069_SED_INC−M
R^2 = 0.89
p = 4e−04
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
120
Time_Elapsed_min

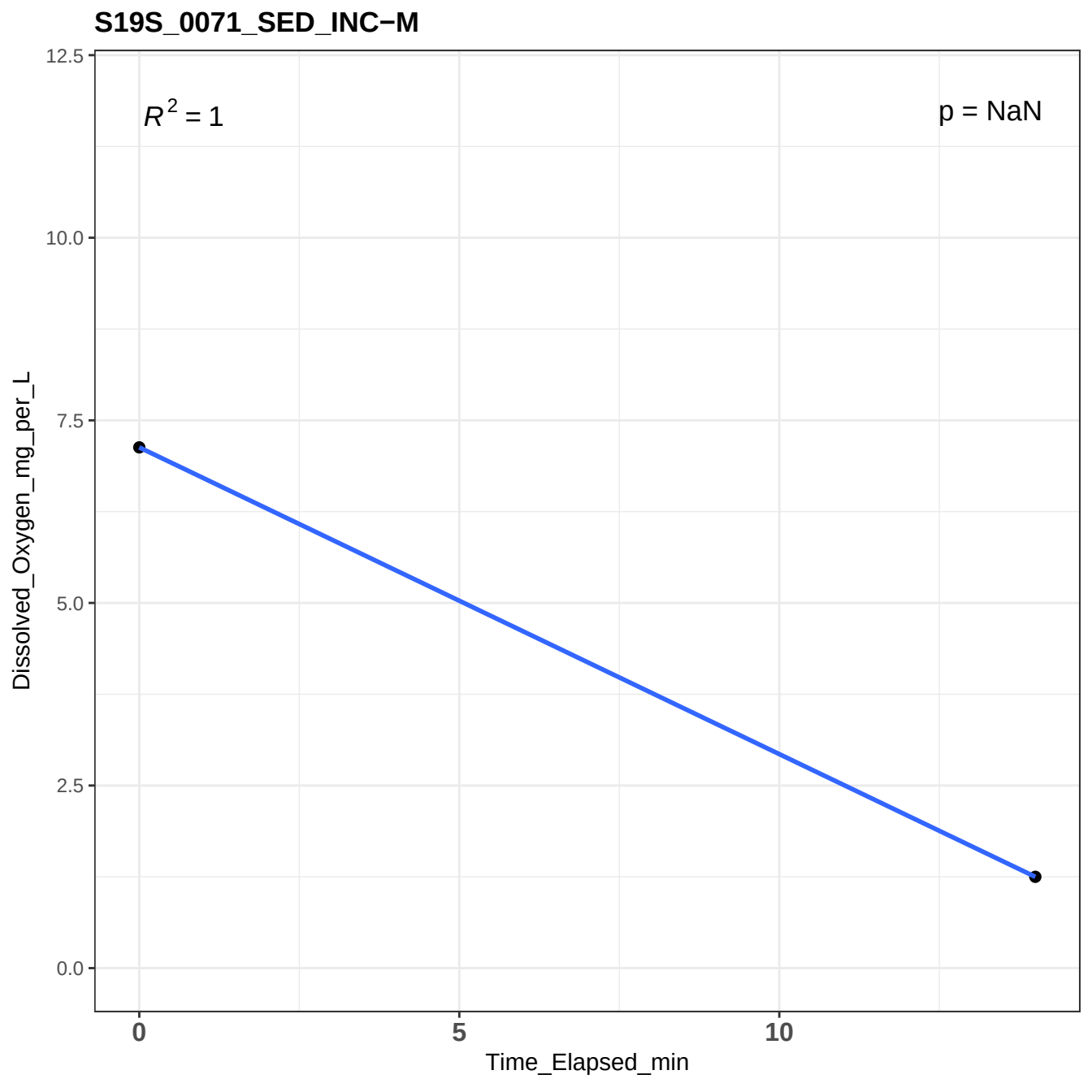

S19S_0069_SED_INC−U
R^2 = 0.53
p = 0.06
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
Time_Elapsed_min

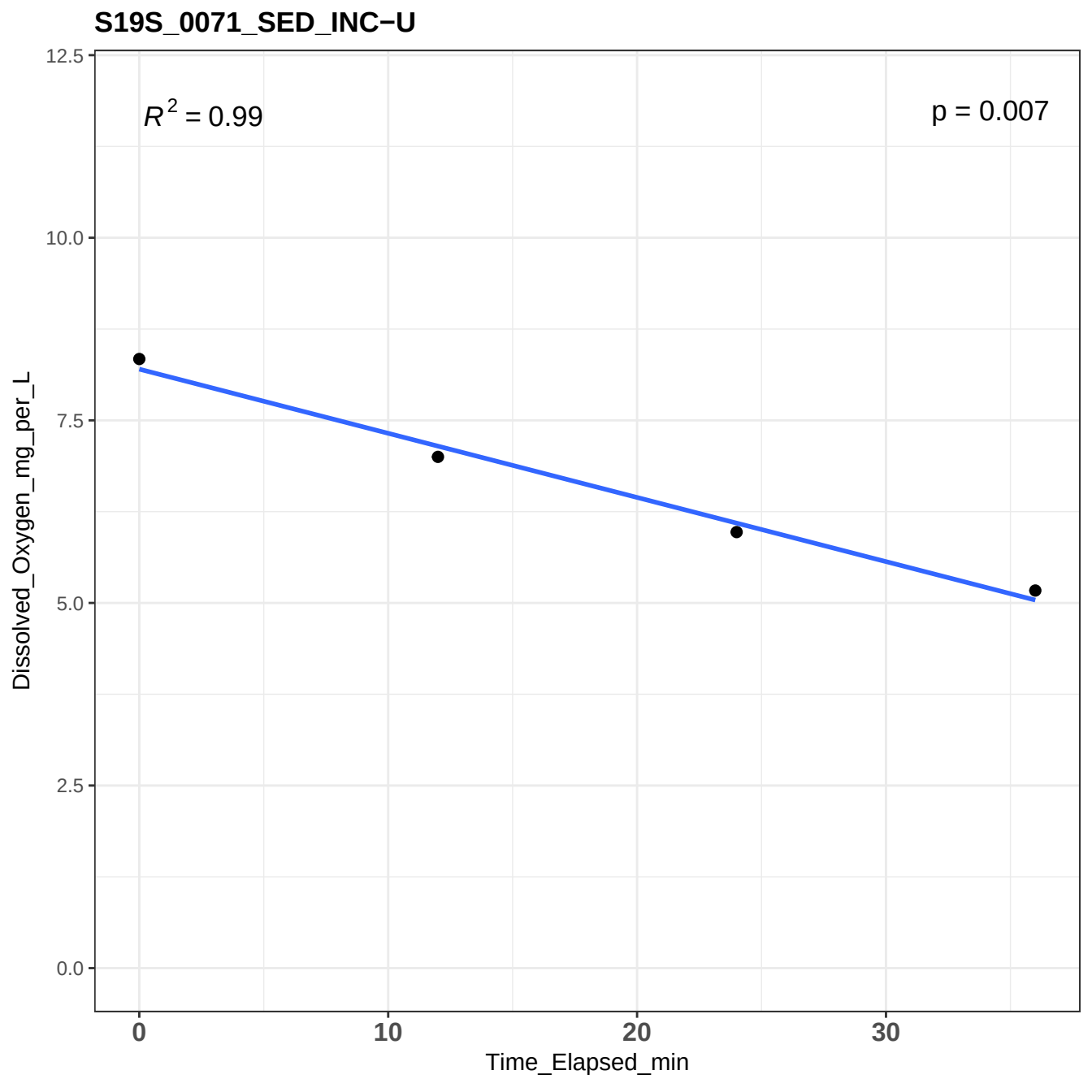

S19S_0070_SED_INC−D
R^2 = 0.95
p = 9e−04
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
25
50
75
100
Time_Elapsed_min

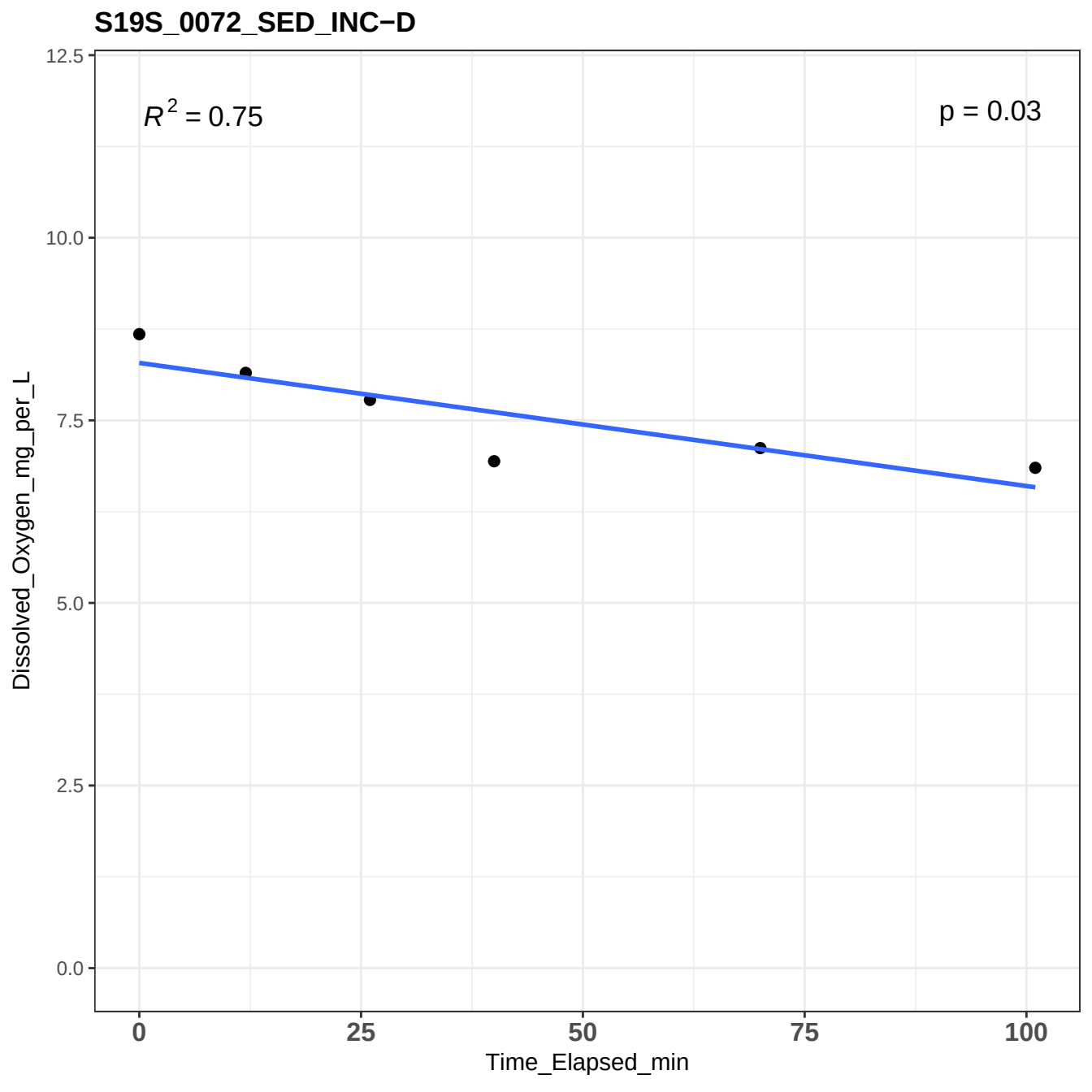

S19S_0070_SED_INC−M
R^2 = 0.92
p = 0.002
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
Time_Elapsed_min

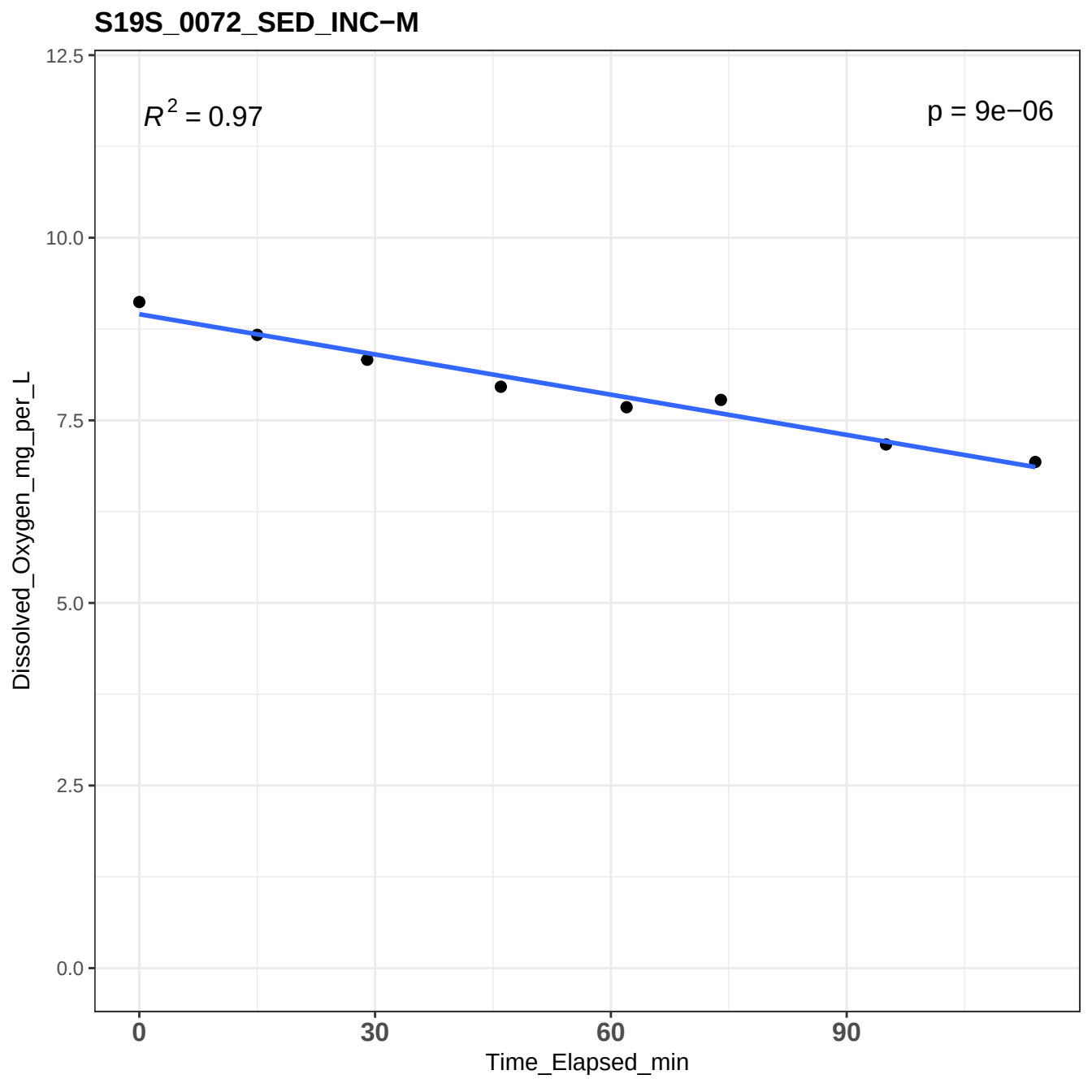

S19S_0070_SED_INC−U
R^2 = 0.98
p = 3e−06
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
Time_Elapsed_min

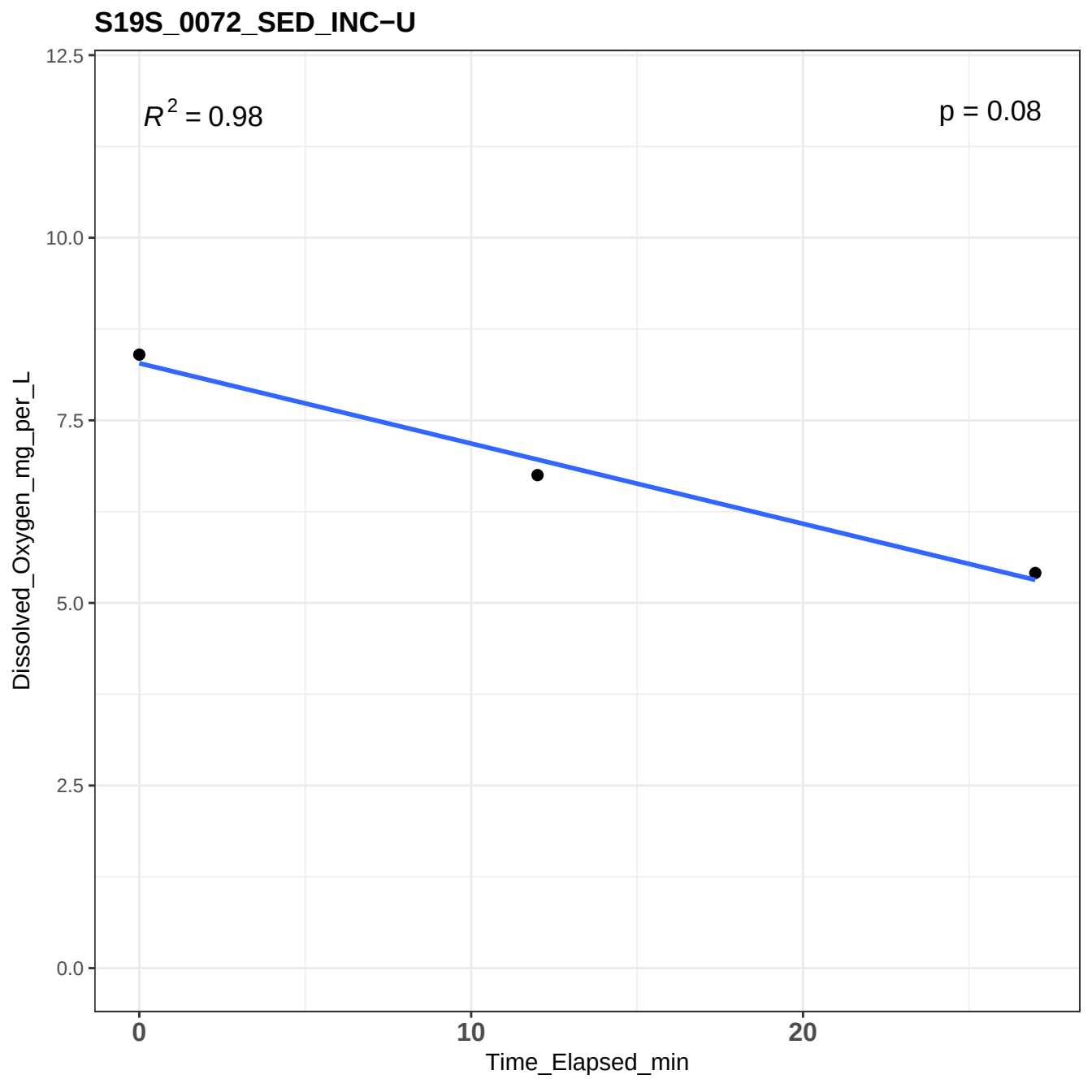

S19S_0071_SED_INC−D
$R^2 = 1$
p = 0.006
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
5
10
15
20
Time_Elapsed_min

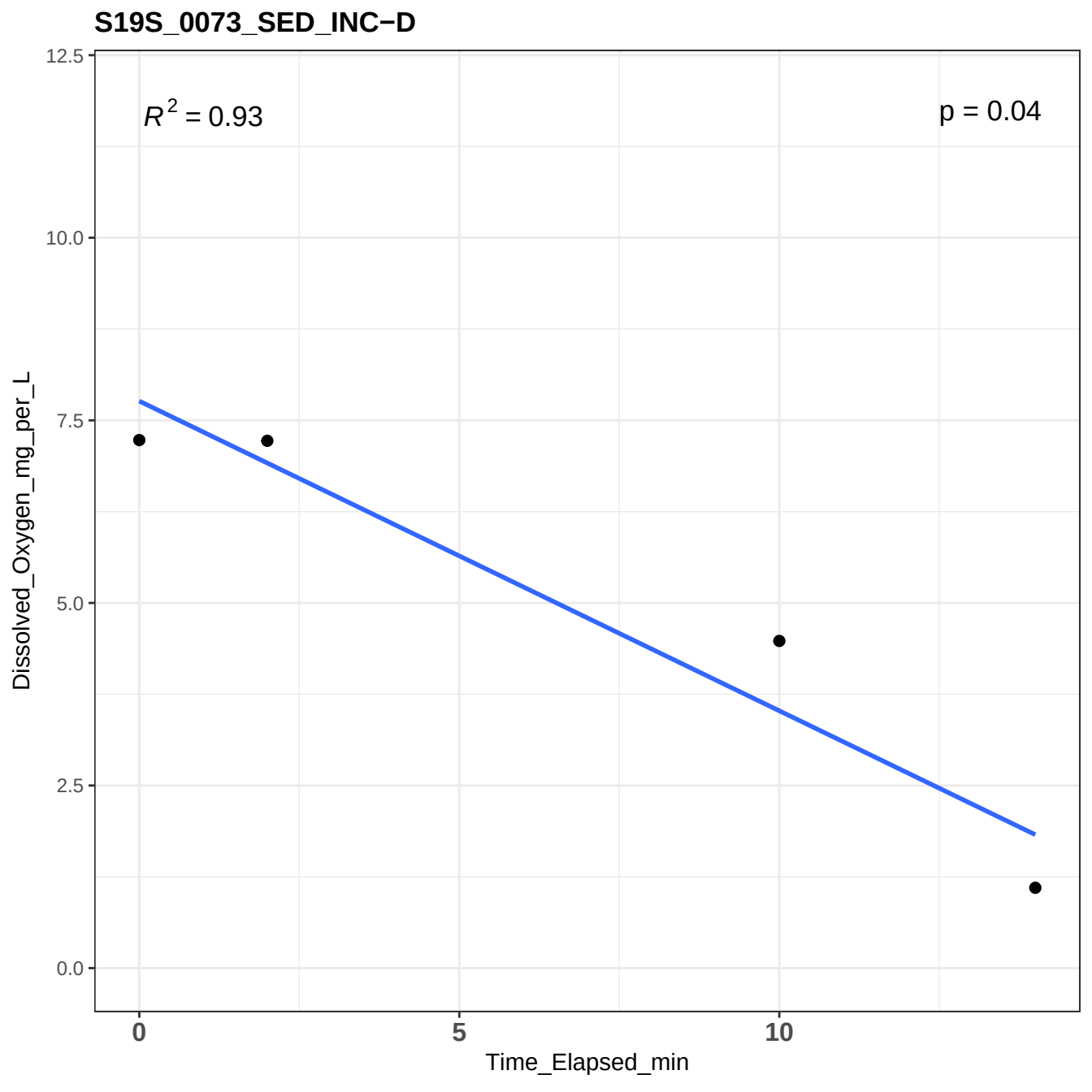

S19S_0071_SED_INC−M
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
Time_Elapsed_min

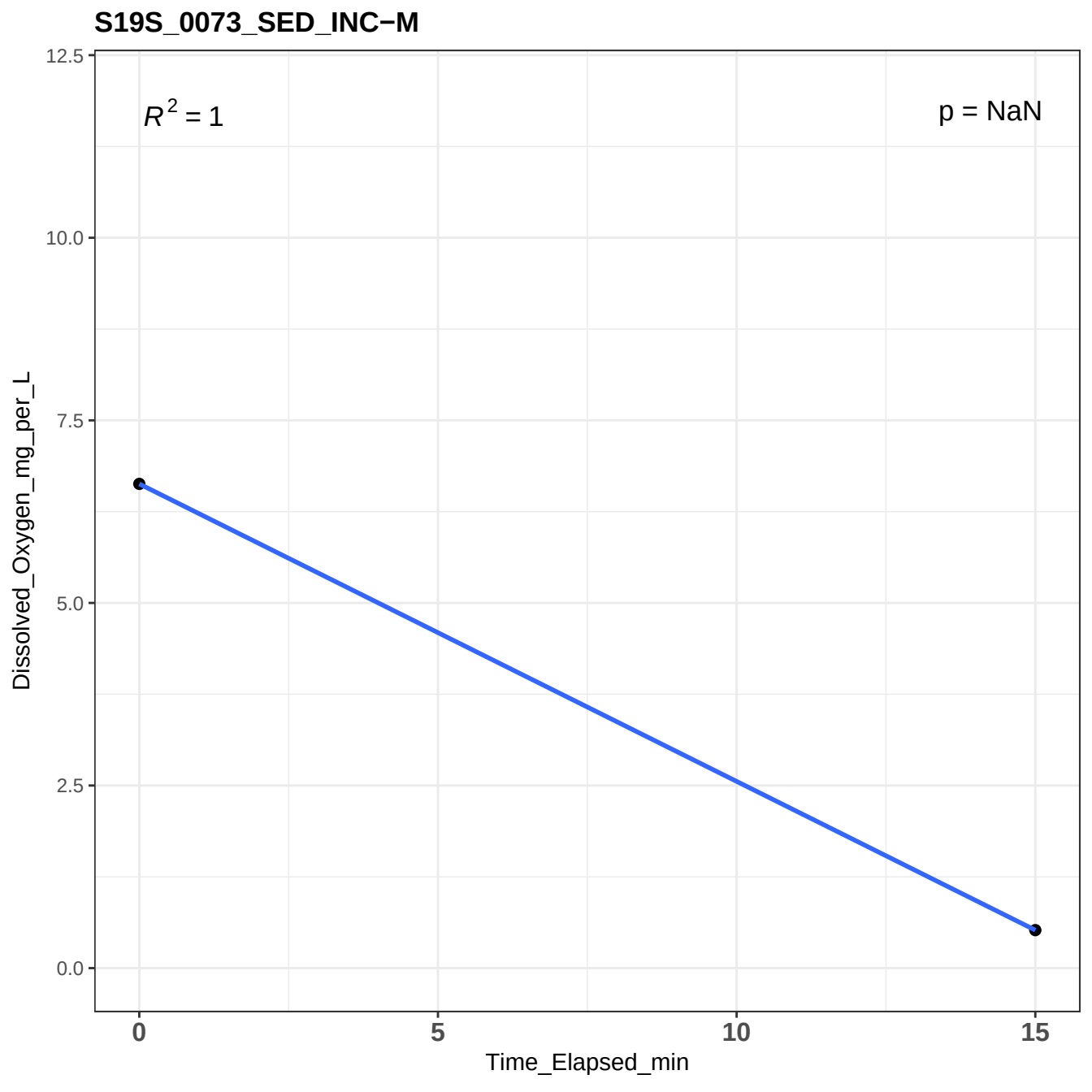

S19S_0071_SED_INC−U
R^2 = 0.99
p = 0.007
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
30
Time_Elapsed_min

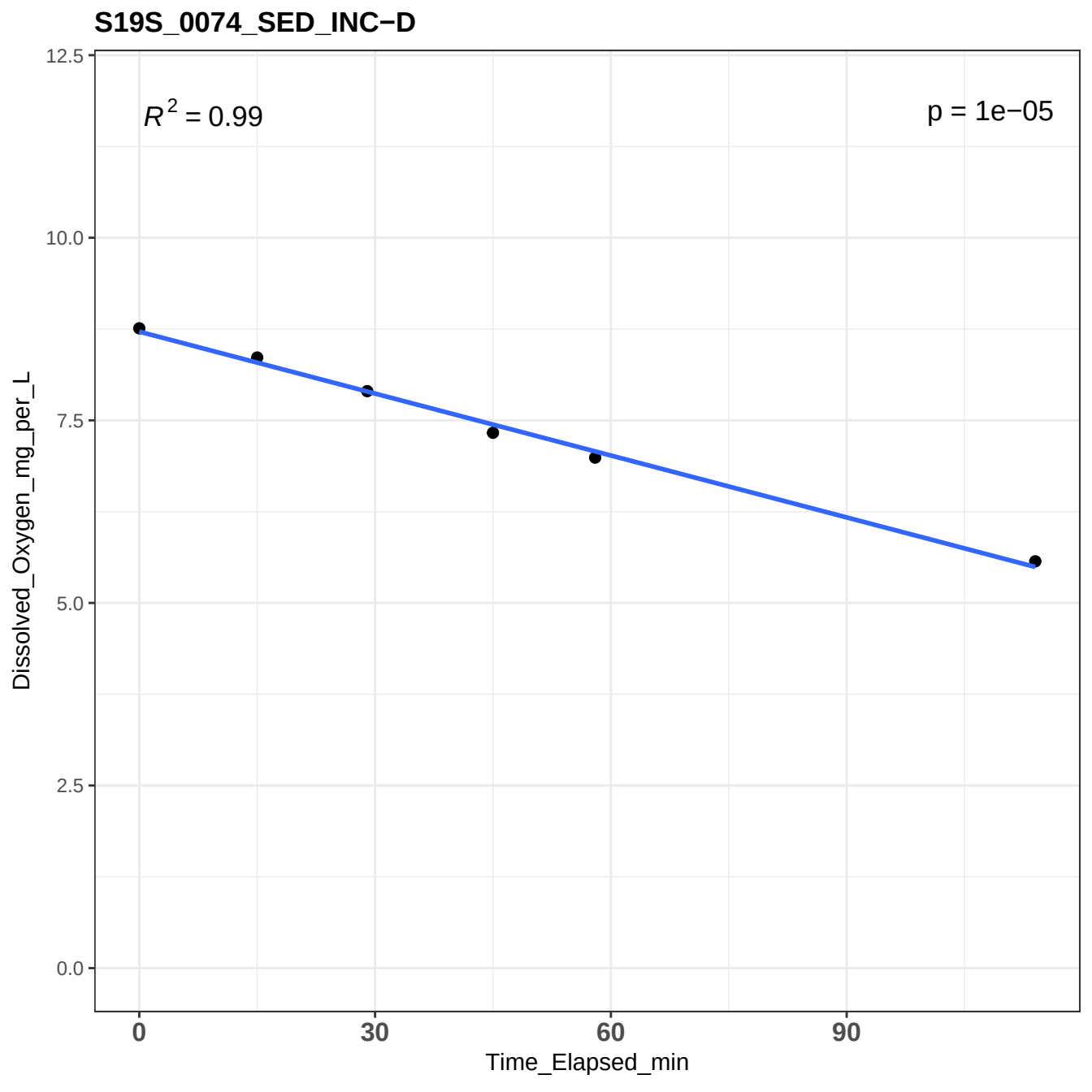

S19S_0072_SED_INC−D
R^2 = 0.75
p = 0.03
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
25
50
75
100
Time_Elapsed_min

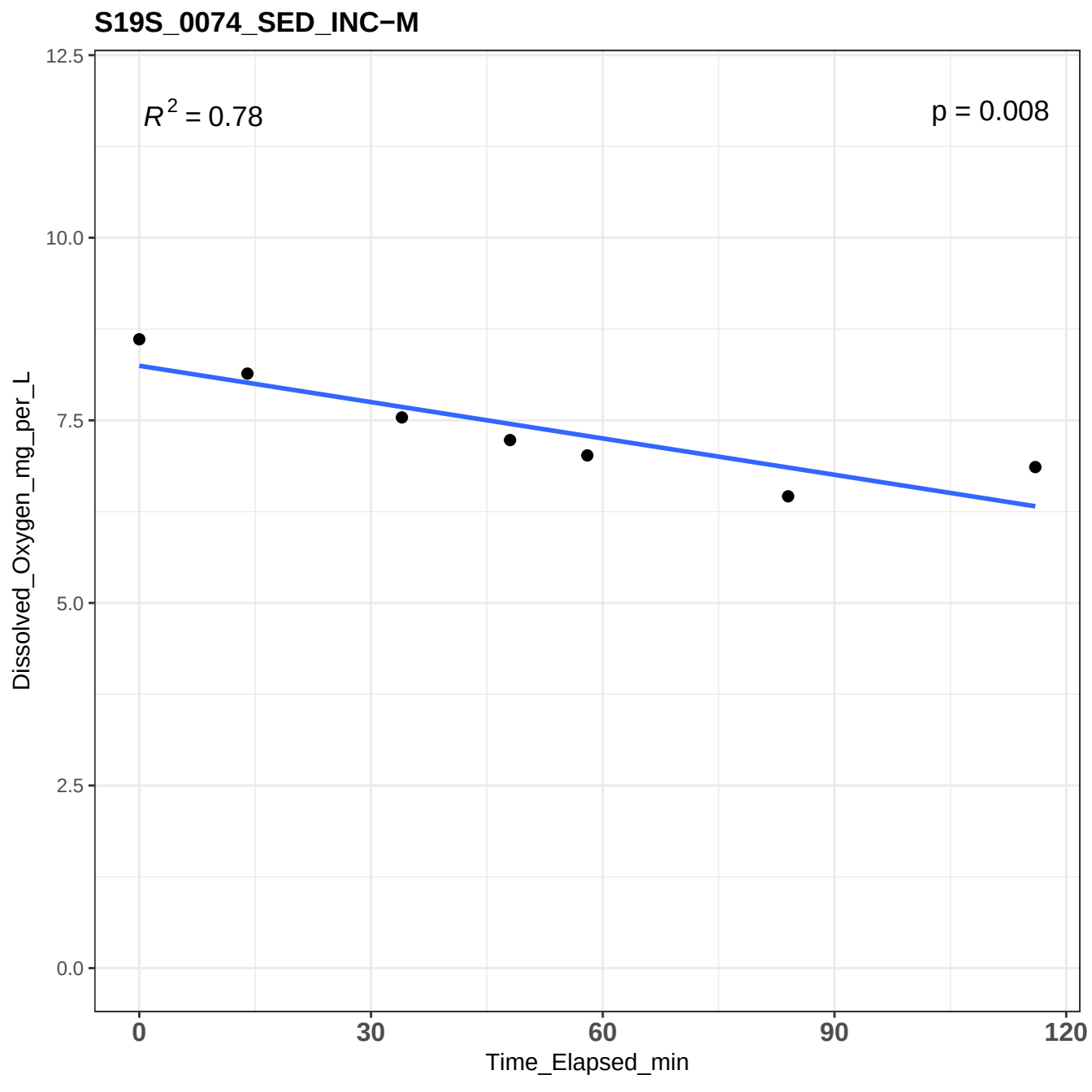

S19S_0072_SED_INC−M
R^2 = 0.97
p = 9e−06
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
Time_Elapsed_min

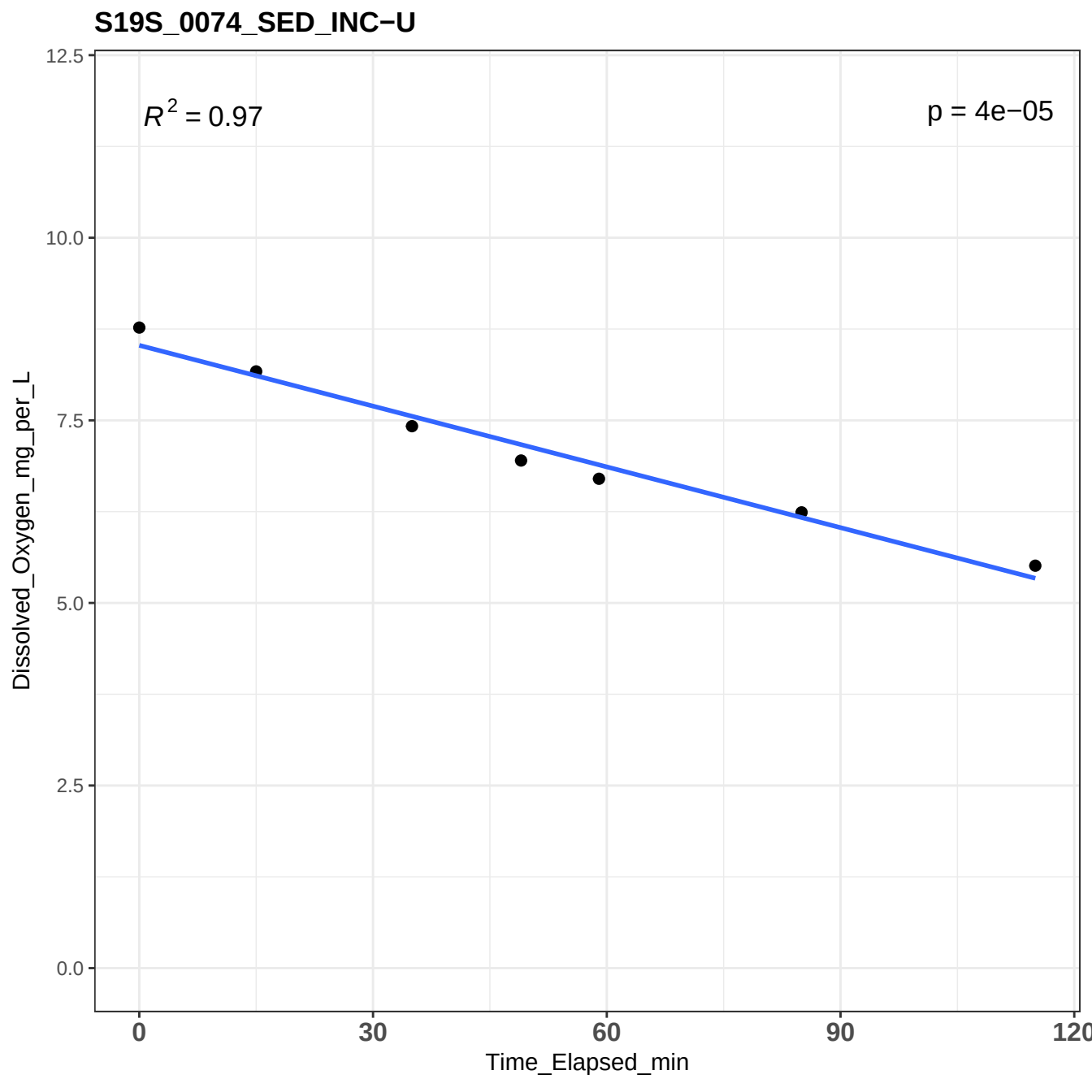

S19S_0072_SED_INC−U
R^2 = 0.98
p = 0.08
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
Time_Elapsed_min

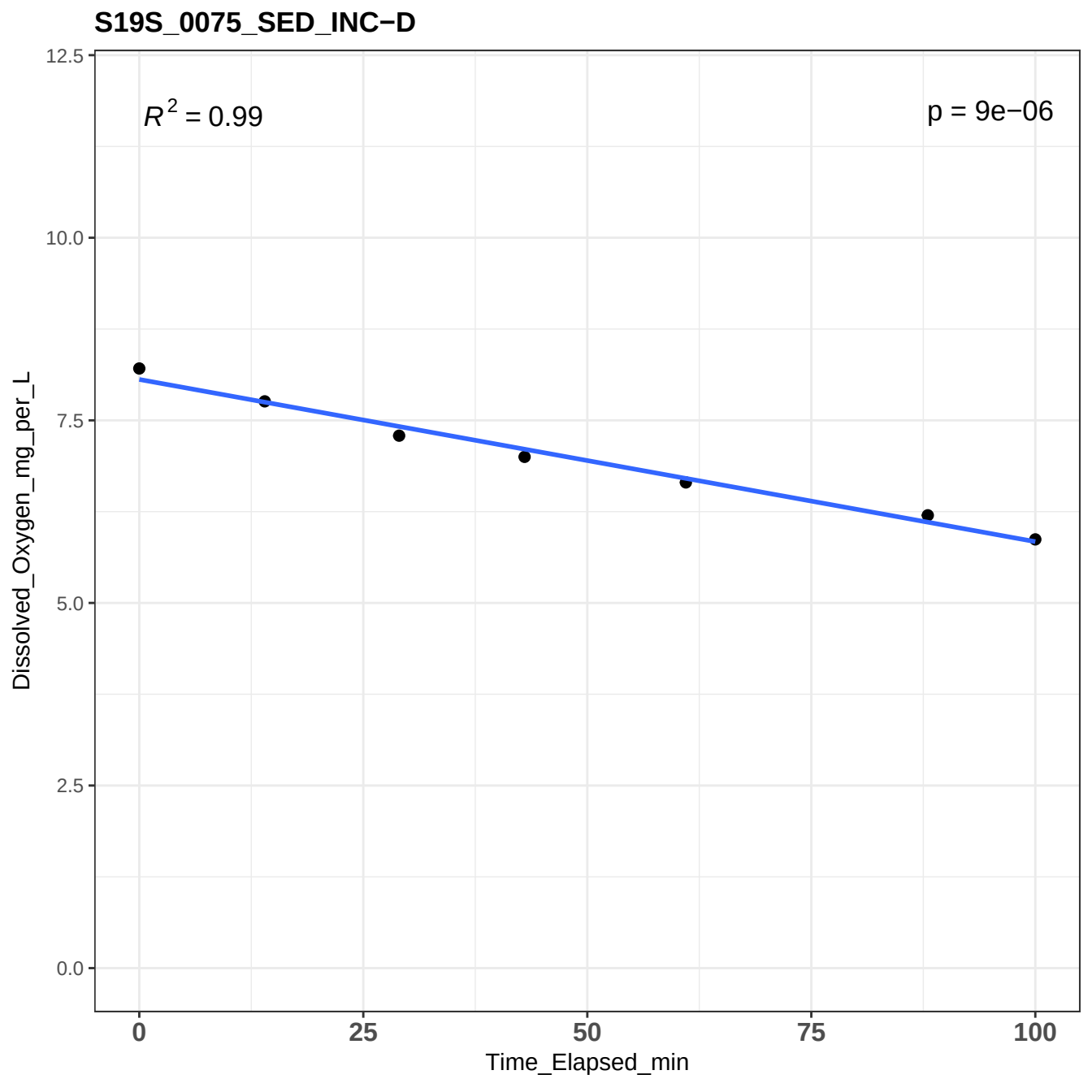

S19S_0073_SED_INC−D
R^2 = 0.93
p = 0.04
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
Time_Elapsed_min

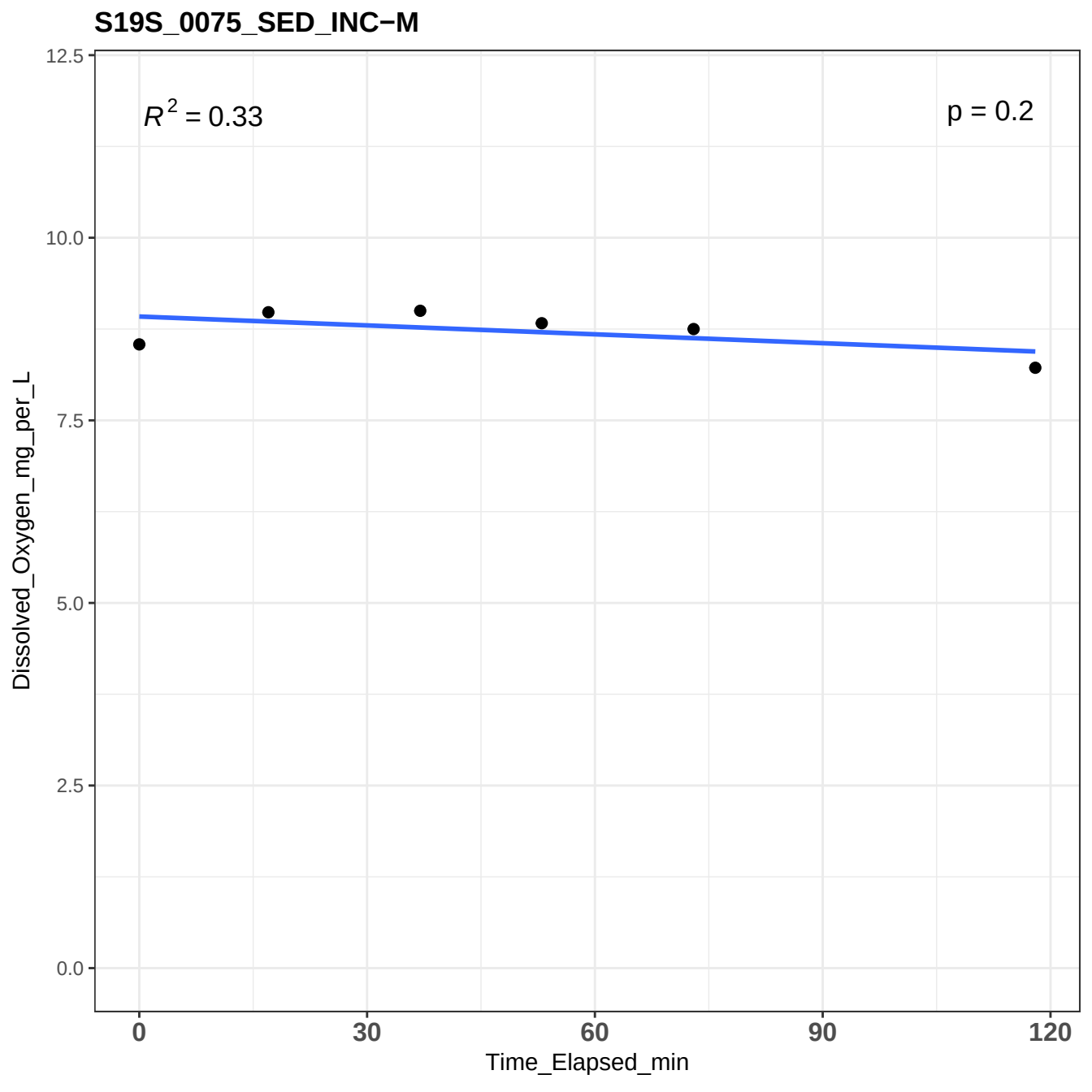

S19S_0073_SED_INC−M
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
15
Time_Elapsed_min

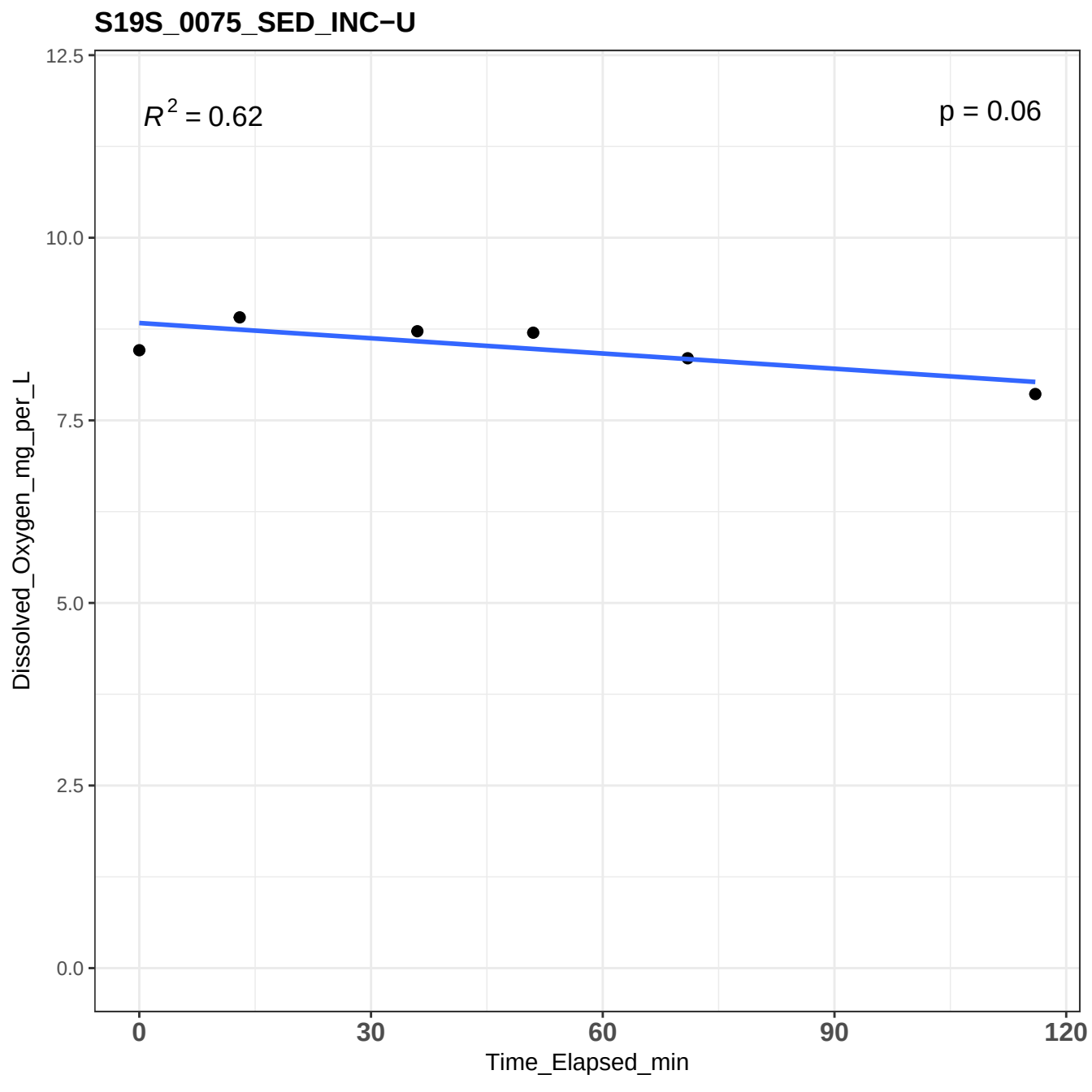

S19S_0074_SED_INC−D
R^2 = 0.99
p = 1e−05
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
Time_Elapsed_min

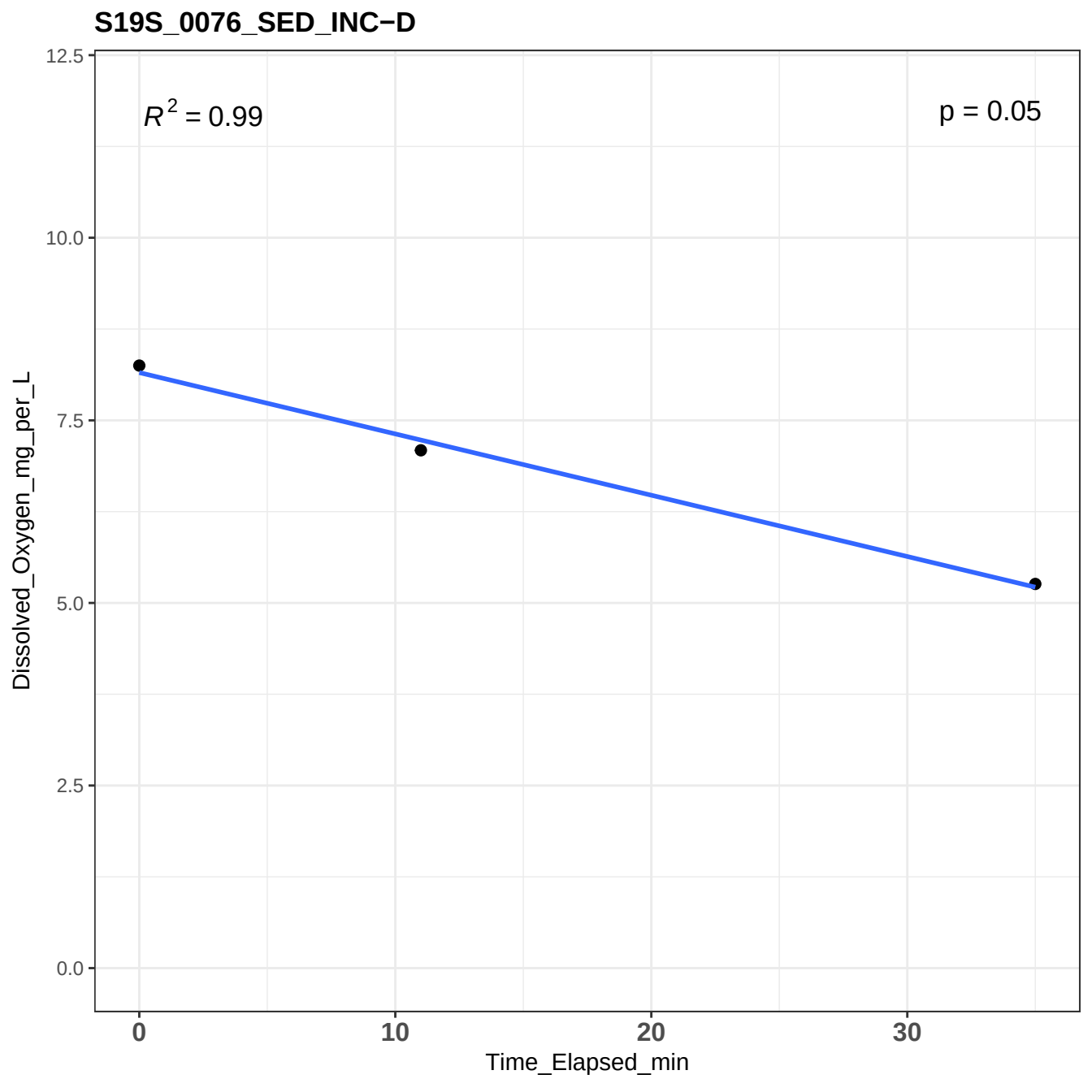

S19S_0074_SED_INC−M
R^2 = 0.78
p = 0.008
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
120
Time_Elapsed_min

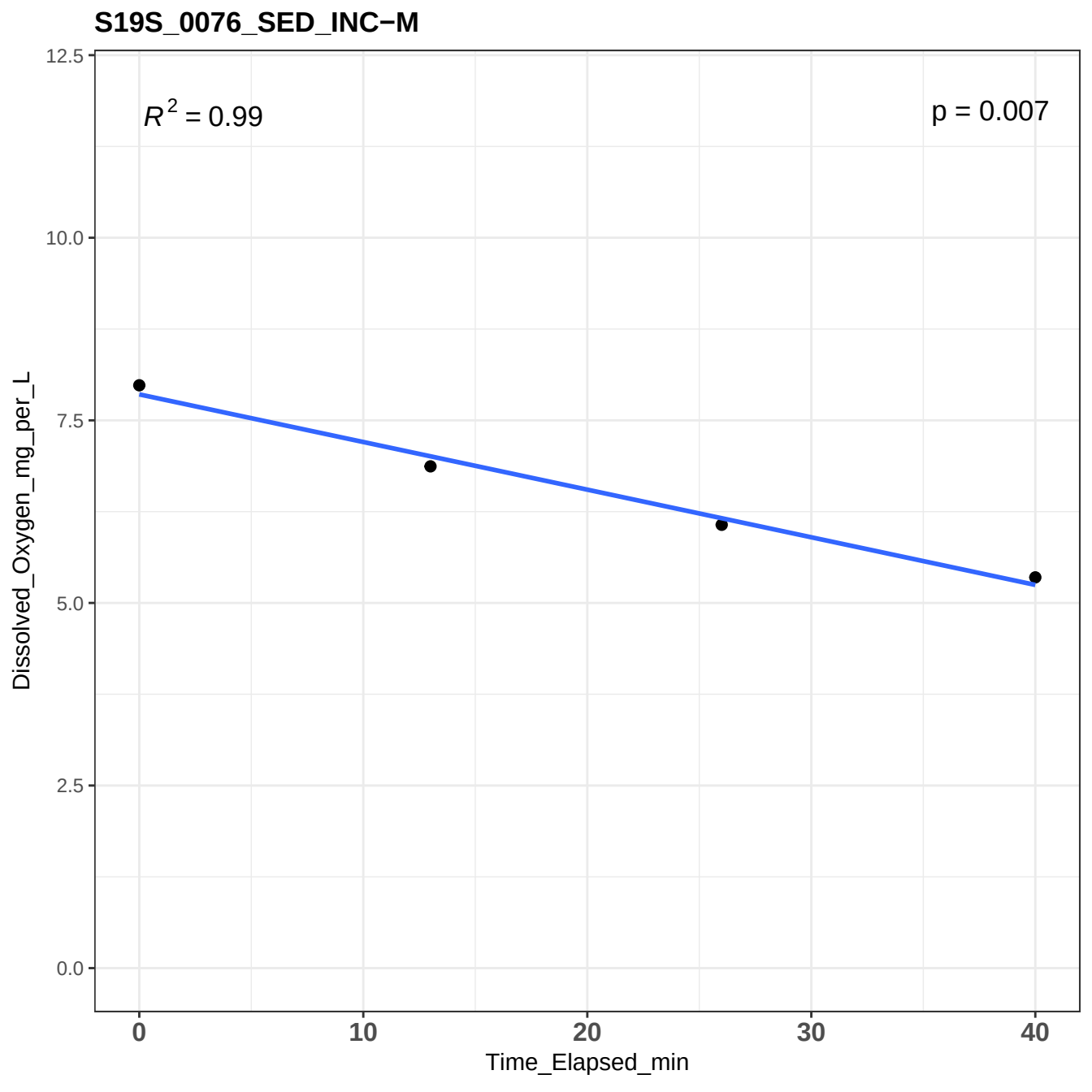

S19S_0074_SED_INC−U
R^2 = 0.97
p = 4e−05
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
120
Time_Elapsed_min

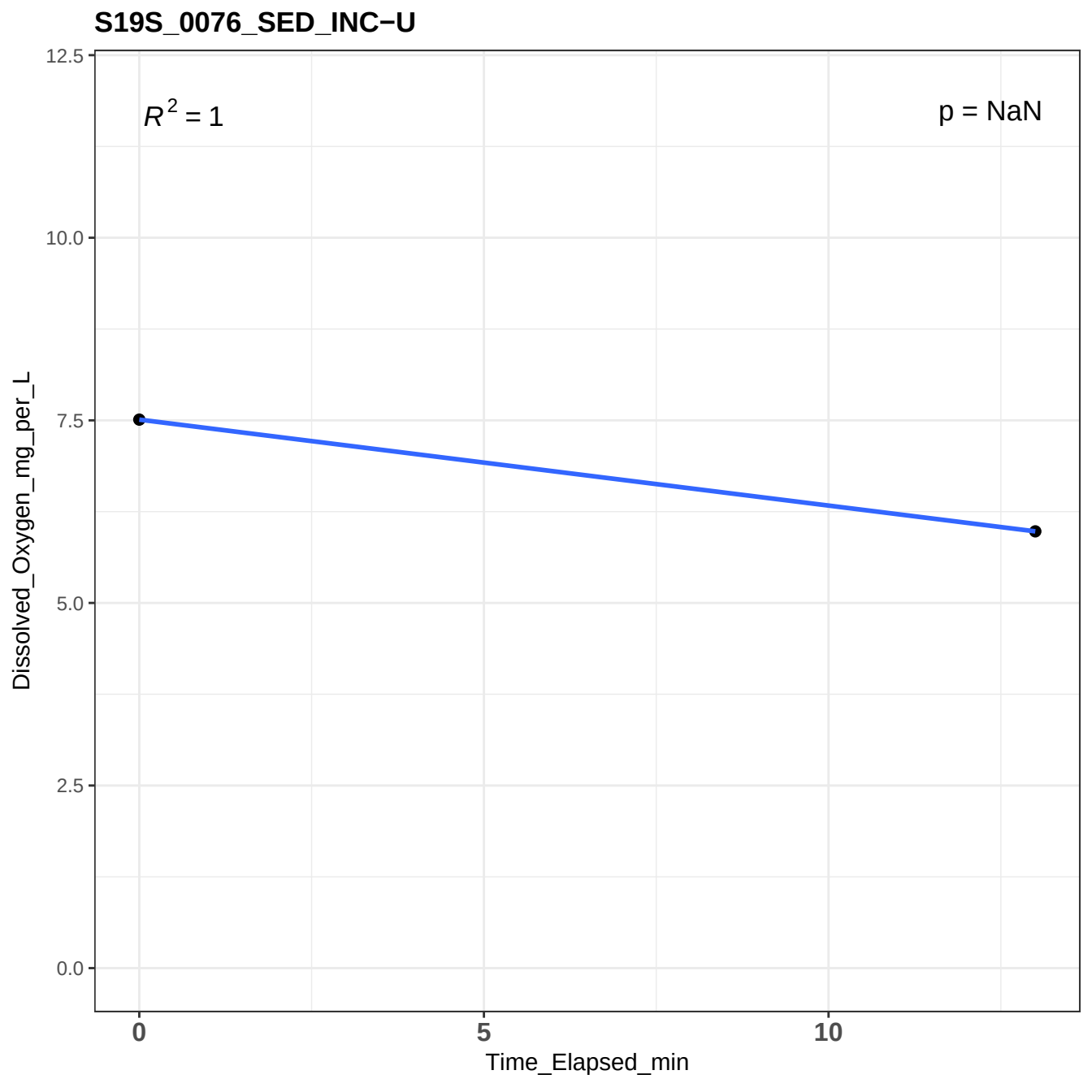

S19S_0075_SED_INC−D
R^2 = 0.99
p = 9e−06
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
Time_Elapsed_min

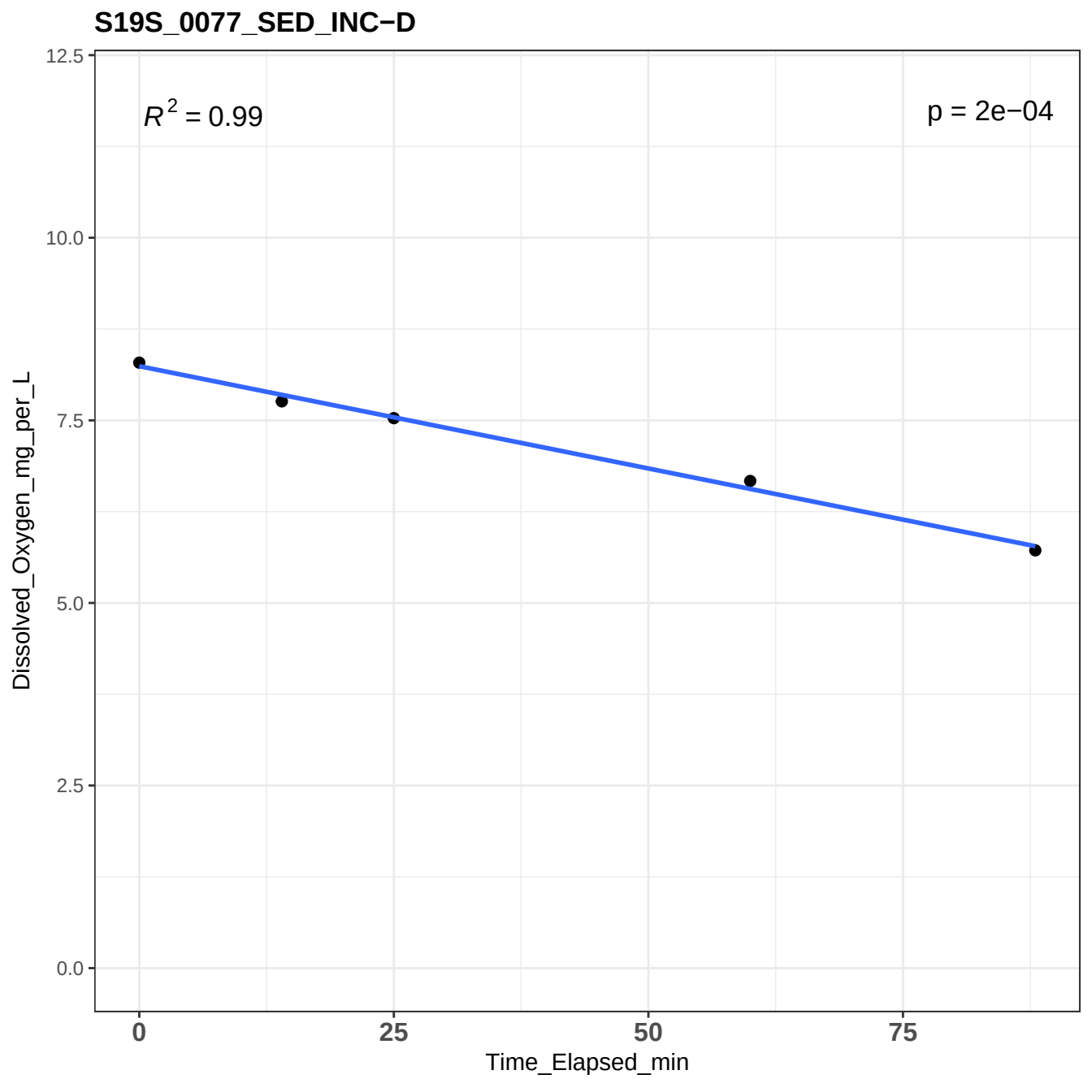

S19S_0075_SED_INC−M
R^2 = 0.33
p = 0.2
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
120
Time_Elapsed_min

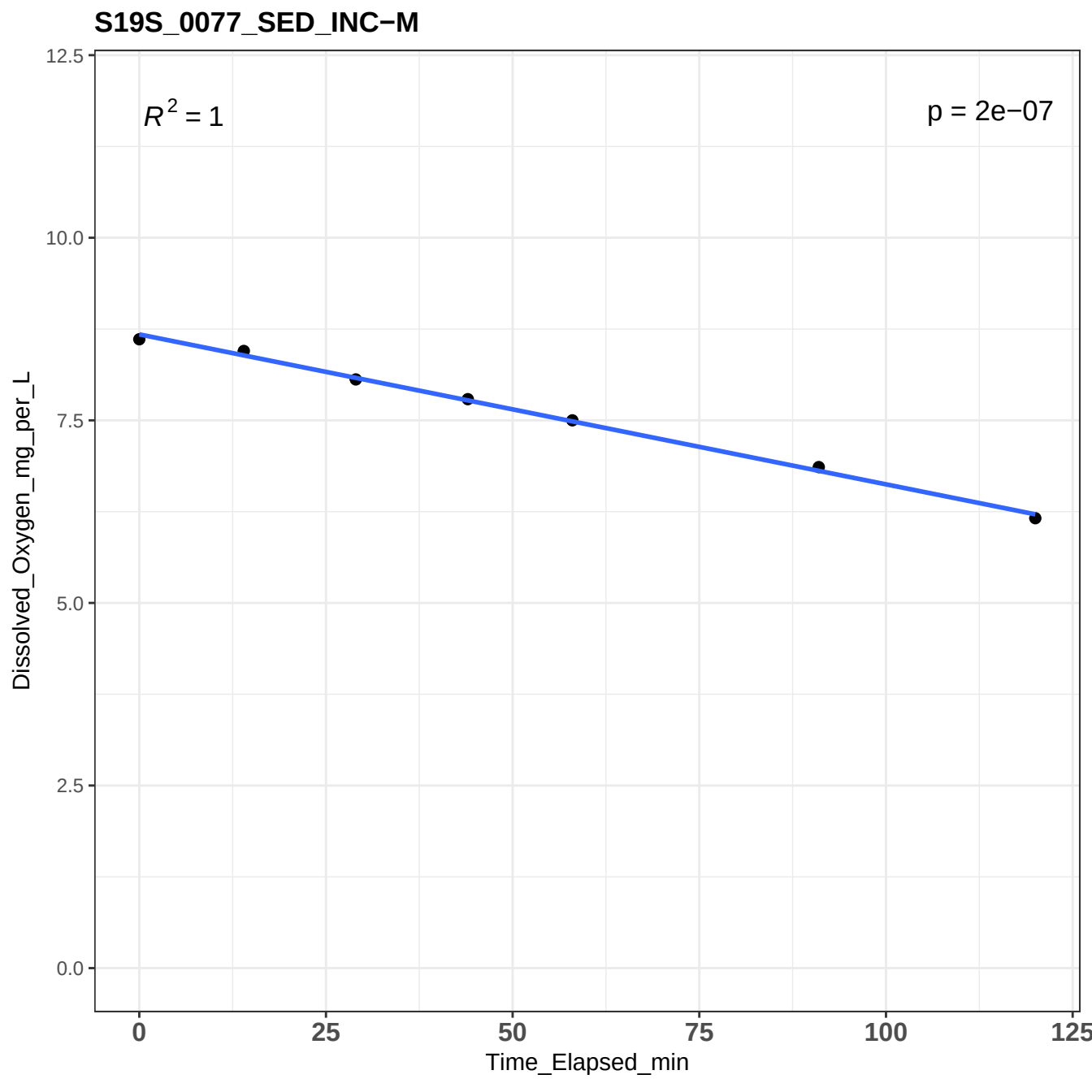

S19S_0075_SED_INC−U
R^2 = 0.62
p = 0.06
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
120
Time_Elapsed_min

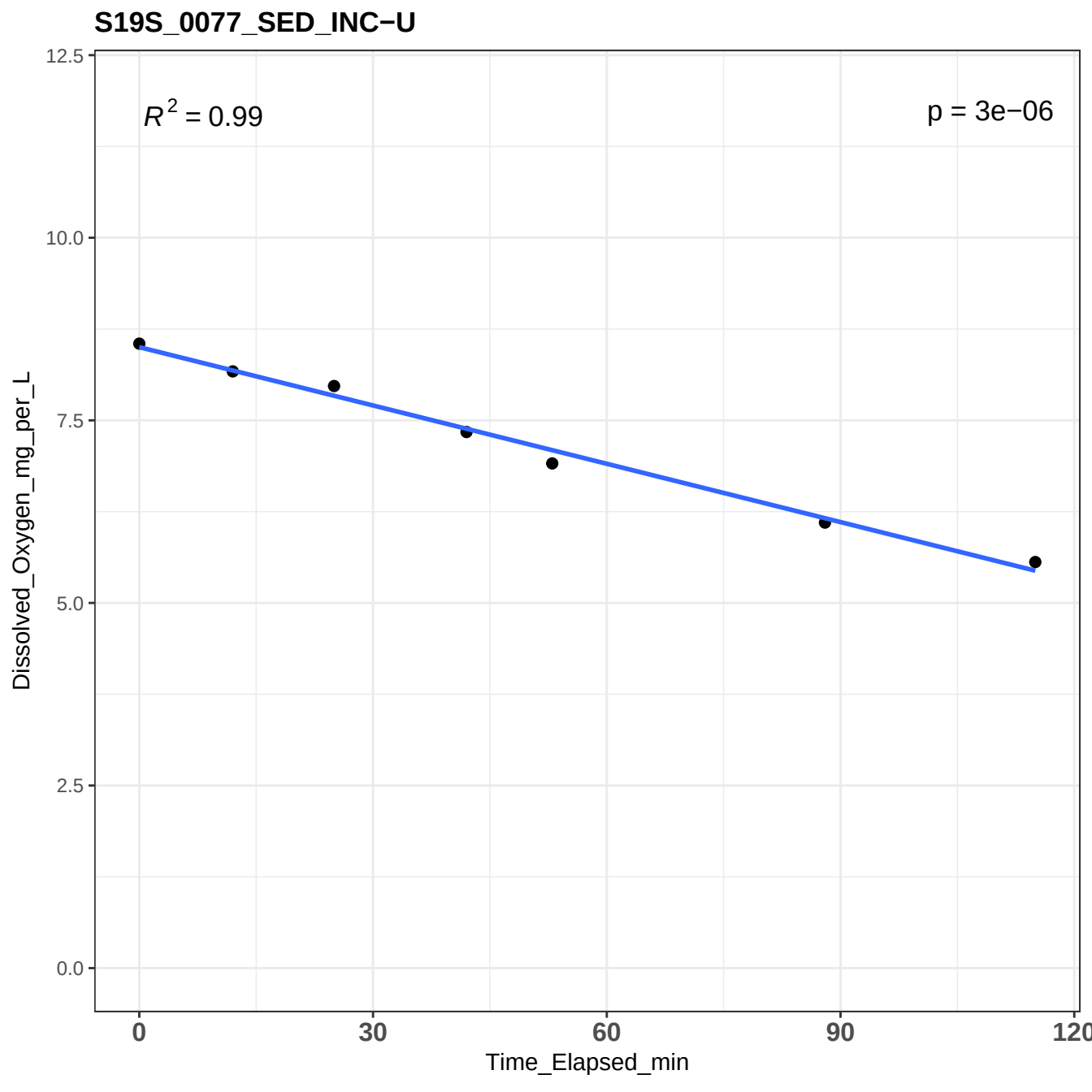

S19S_0076_SED_INC−D
R^2 = 0.99
p = 0.05
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
30
Time_Elapsed_min

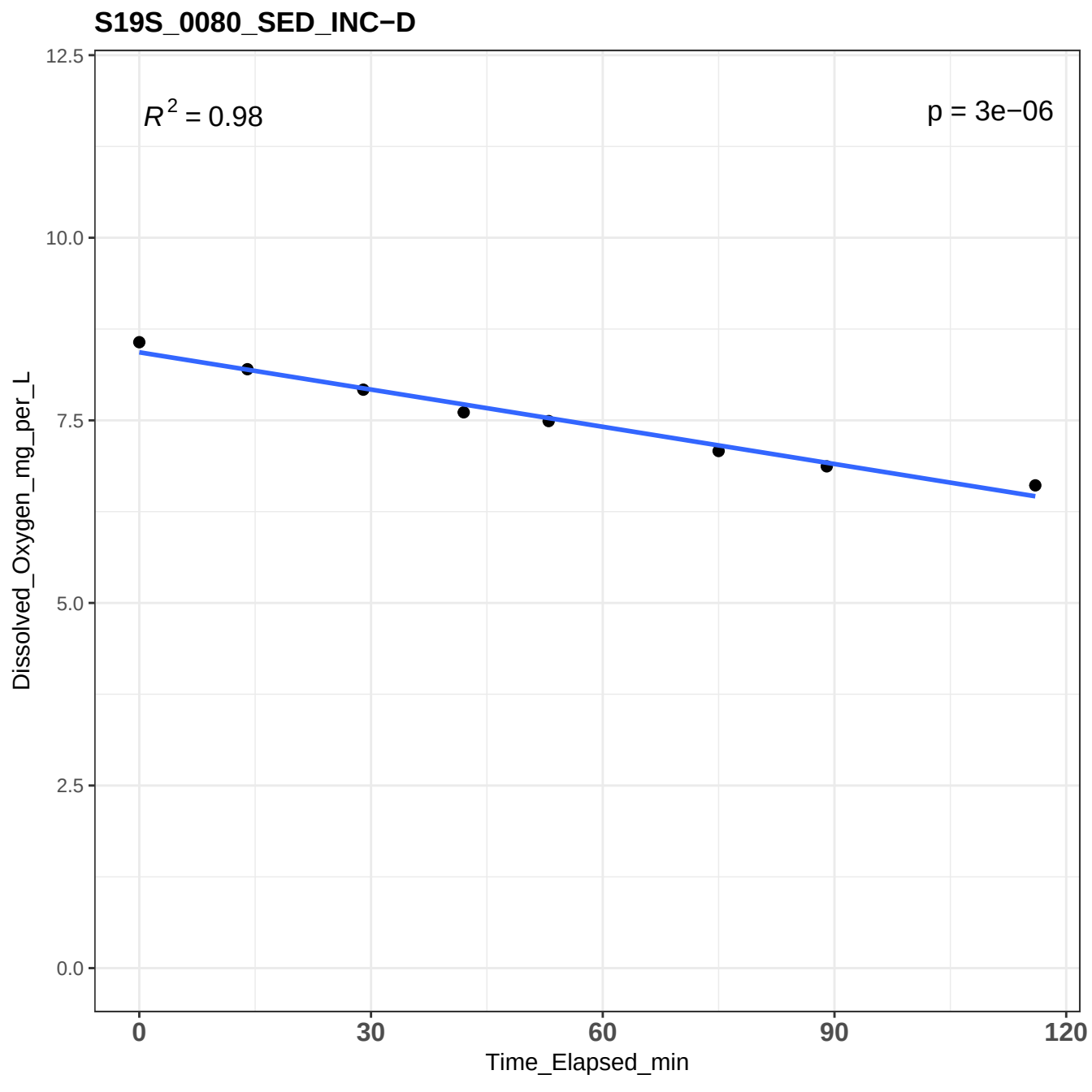

S19S_0076_SED_INC−M
R^2 = 0.99
p = 0.007
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
40
Time_Elapsed_min

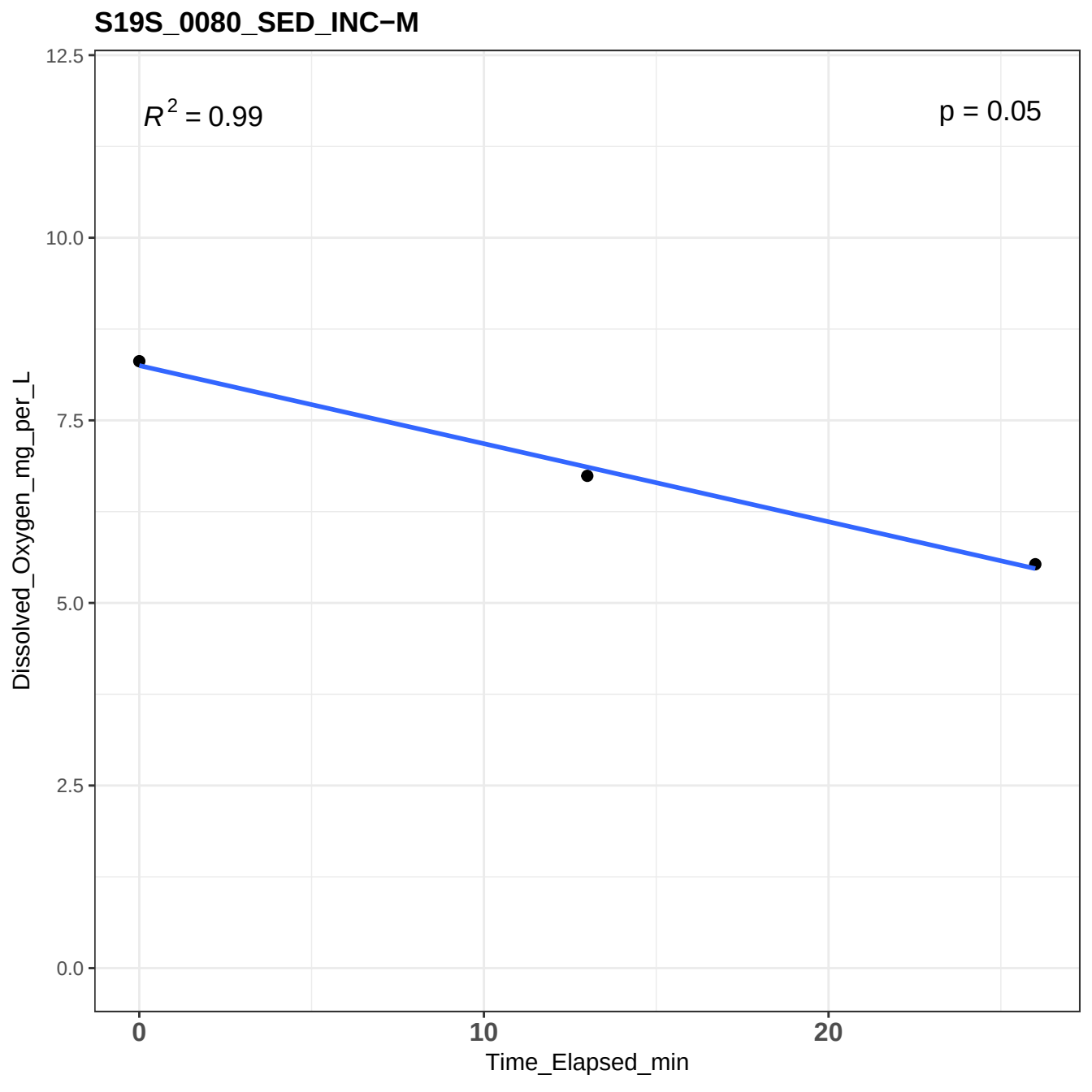

S19S_0076_SED_INC−U
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
Time_Elapsed_min

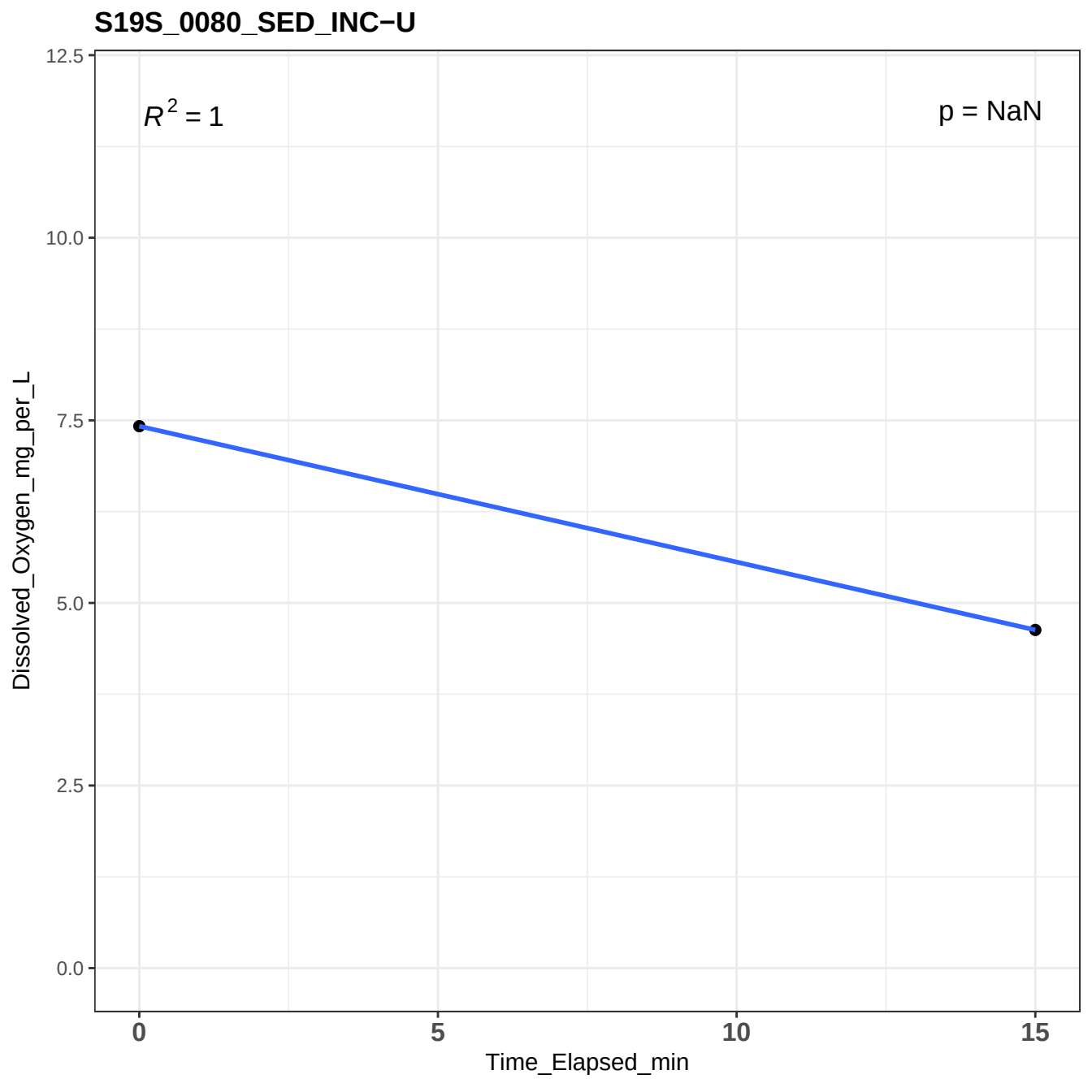

S19S_0077_SED_INC−D
R^2 = 0.99
p = 2e−04
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
25
50
75
Time_Elapsed_min

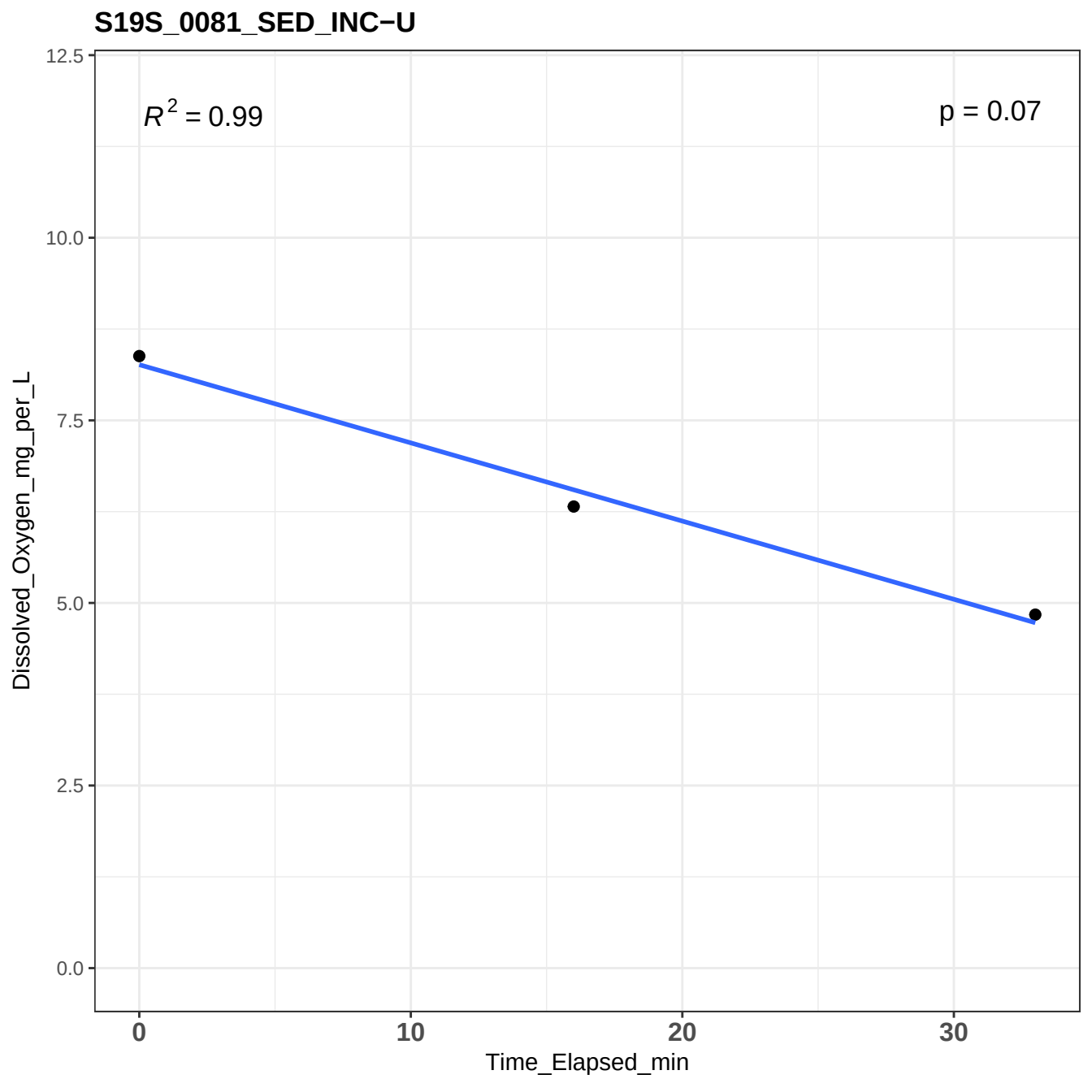

S19S_0077_SED_INC−M
$R^2 = 1$
p = 2e−07
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
25
50
75
100
125
Time_Elapsed_min

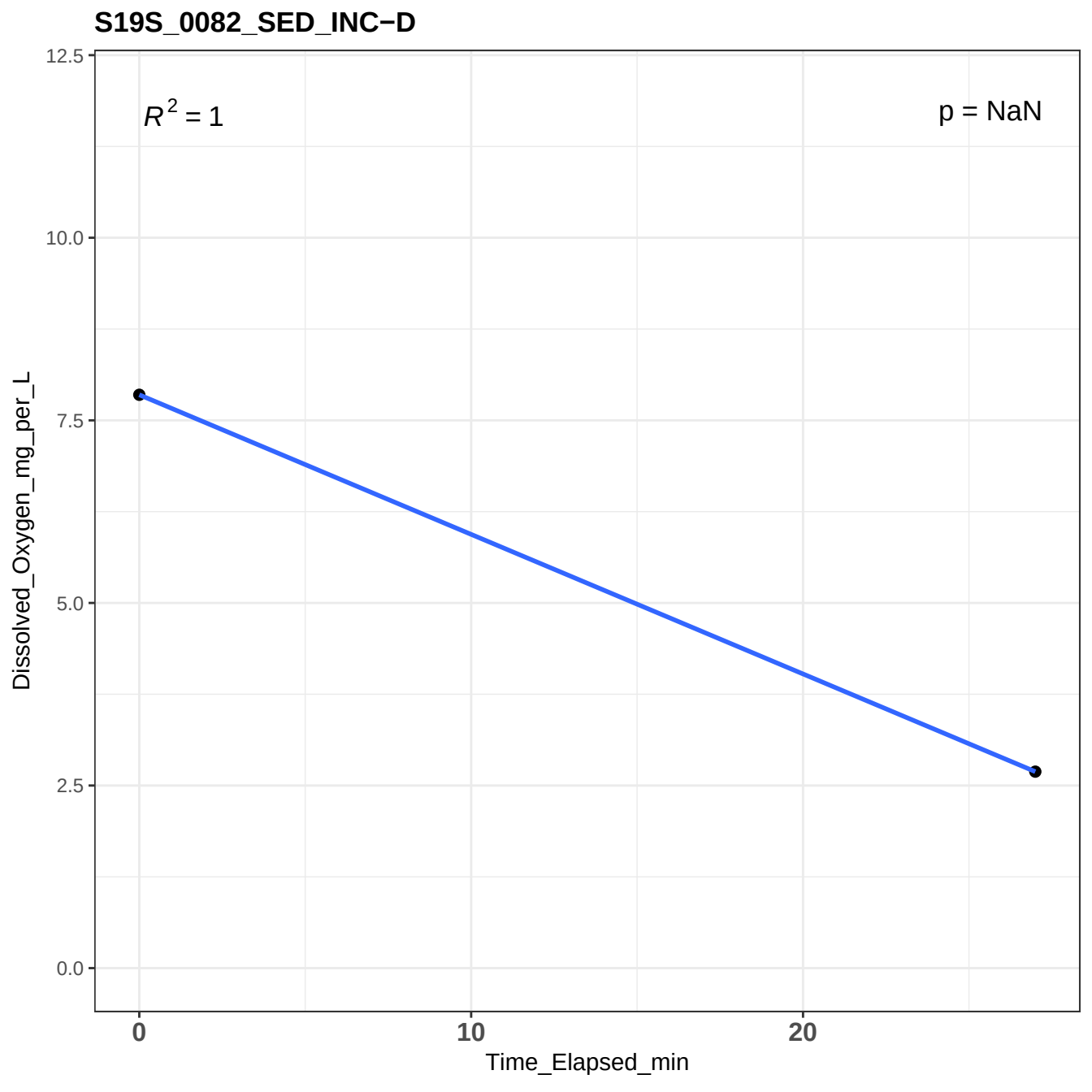

S19S_0077_SED_INC−U
R^2 = 0.99
p = 3e−06
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
120
Time_Elapsed_min

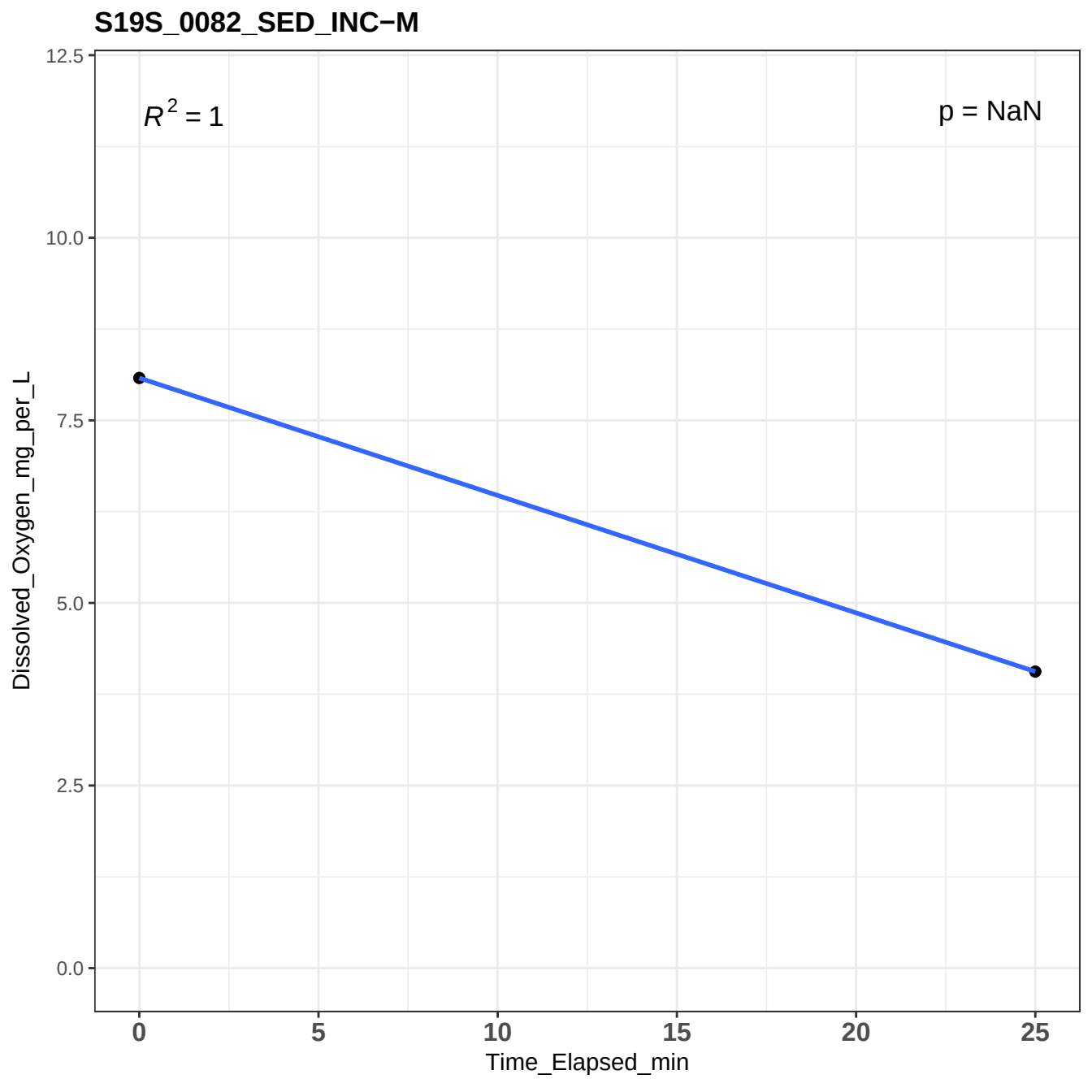

S19S_0080_SED_INC−D
R^2 = 0.98
p = 3e−06
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
120
Time_Elapsed_min

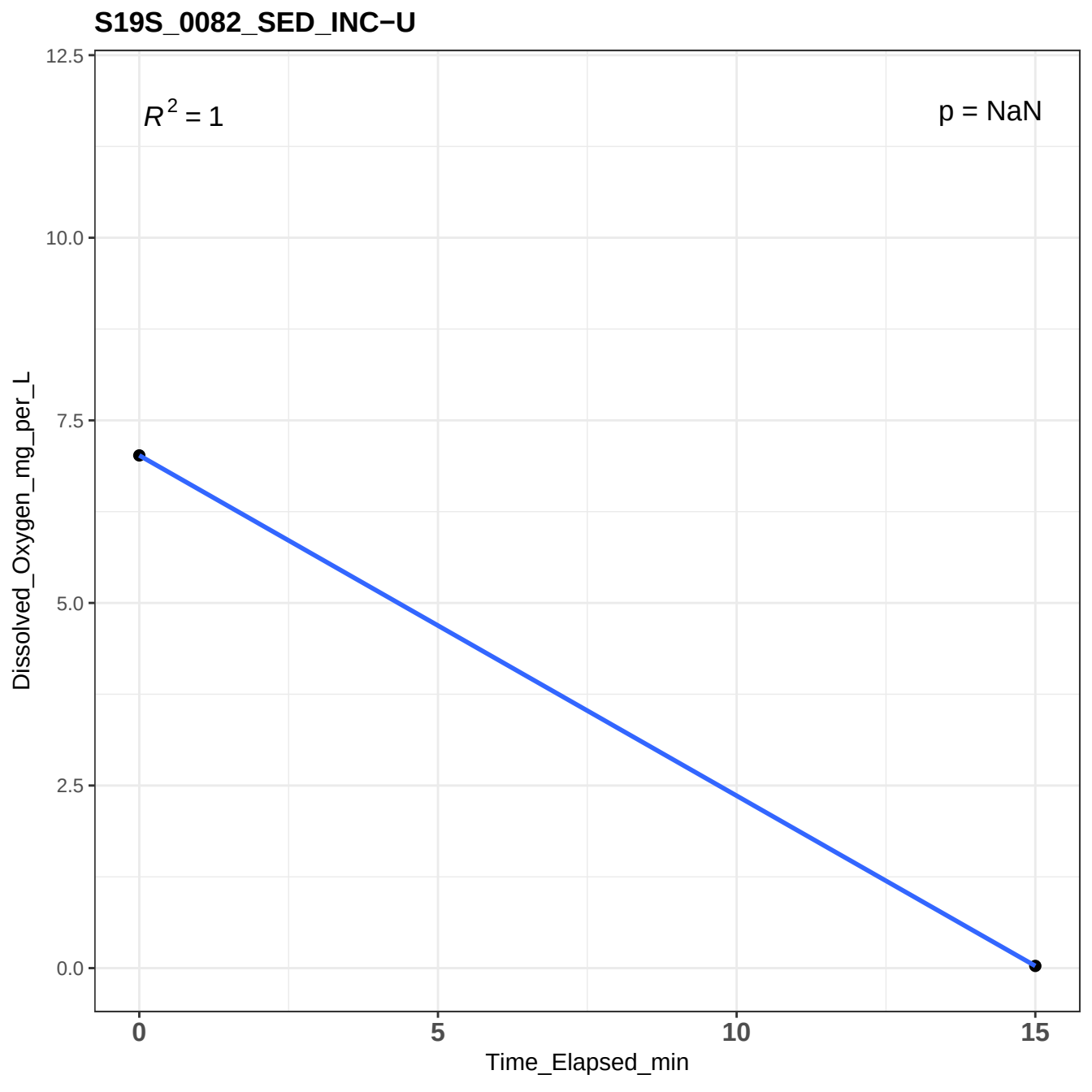

S19S_0080_SED_INC−M
R^2 = 0.99
p = 0.05
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
Time_Elapsed_min

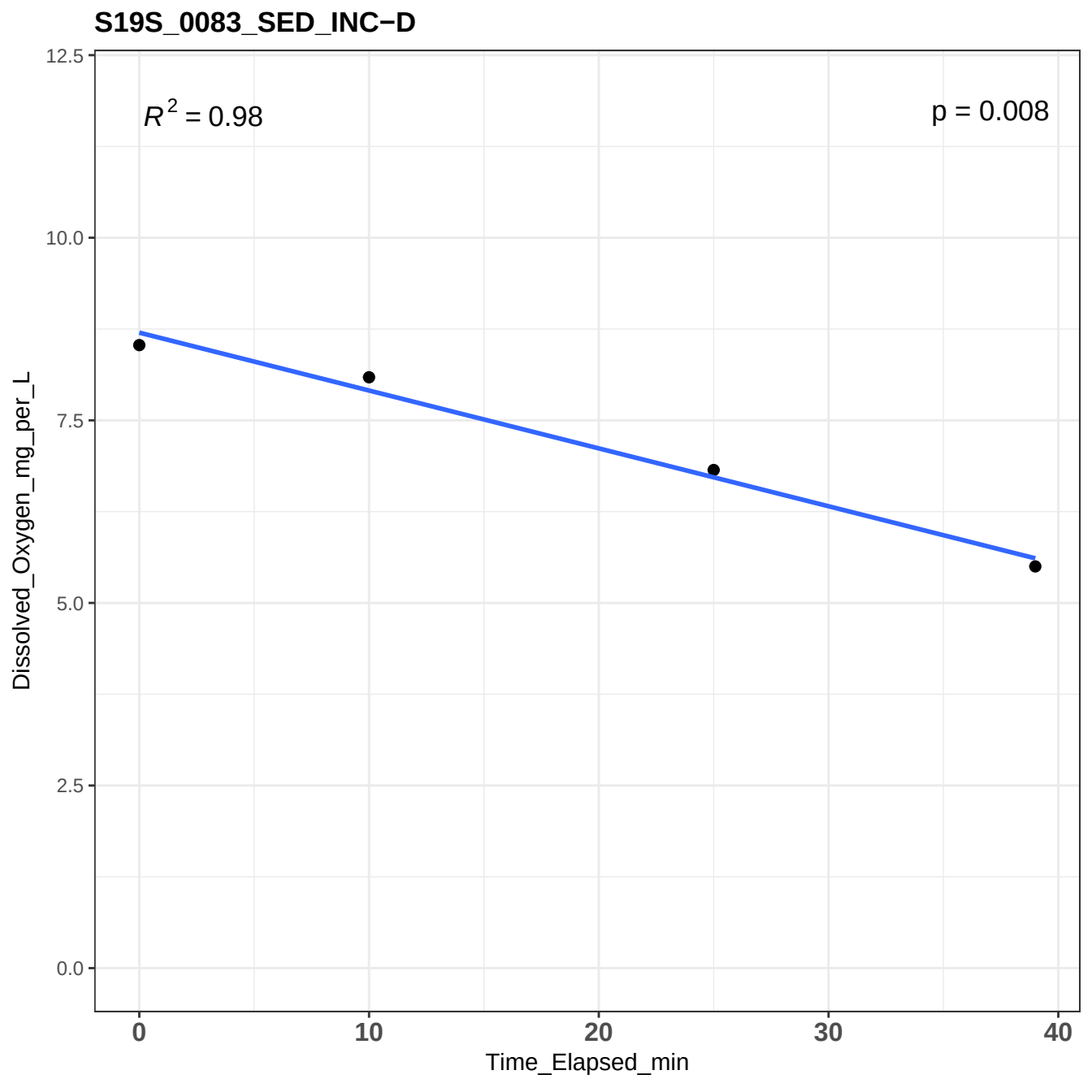

S19S_0080_SED_INC−U
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
15
Time_Elapsed_min

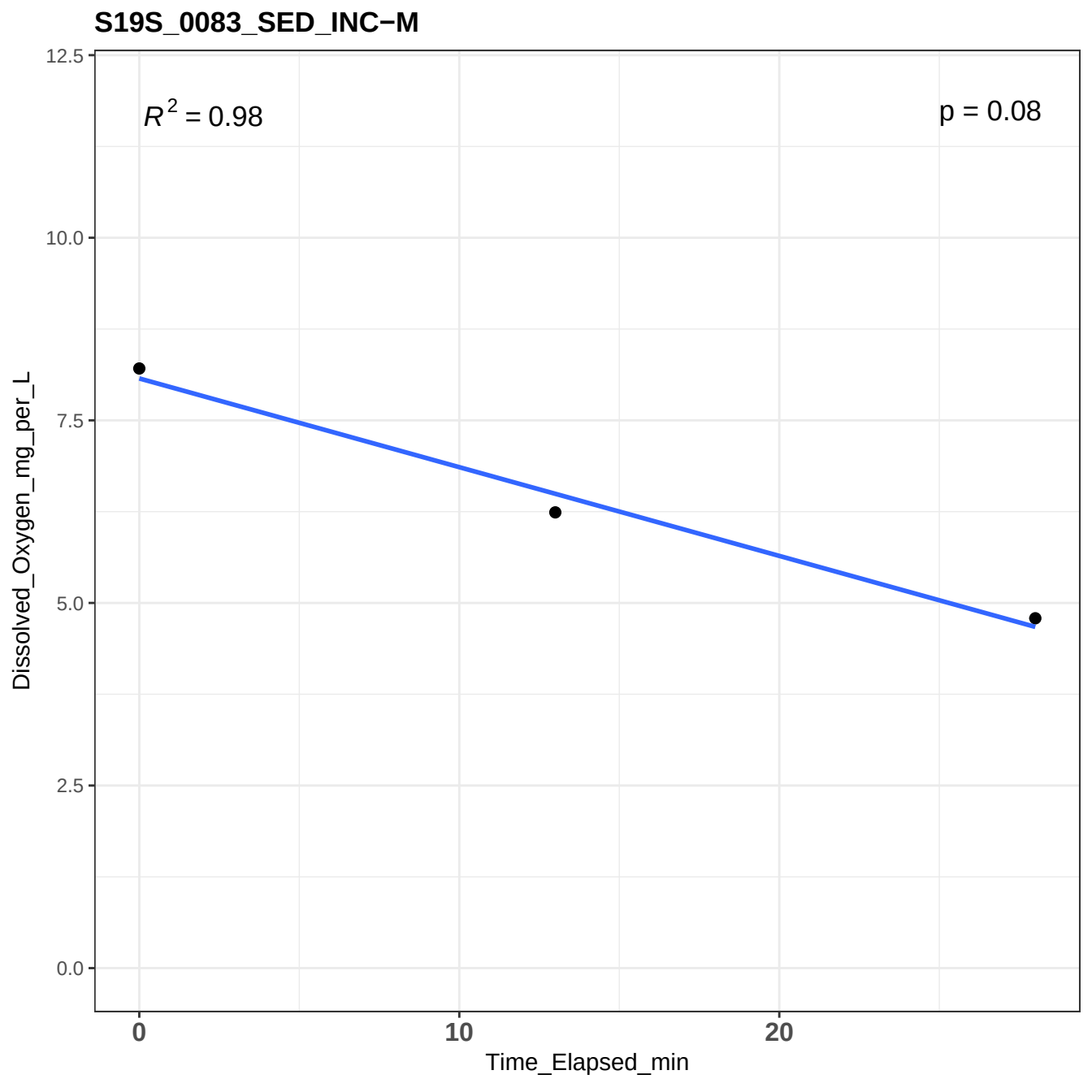

S19S_0081_SED_INC−U
R^2 = 0.99
p = 0.07
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
30
Time_Elapsed_min

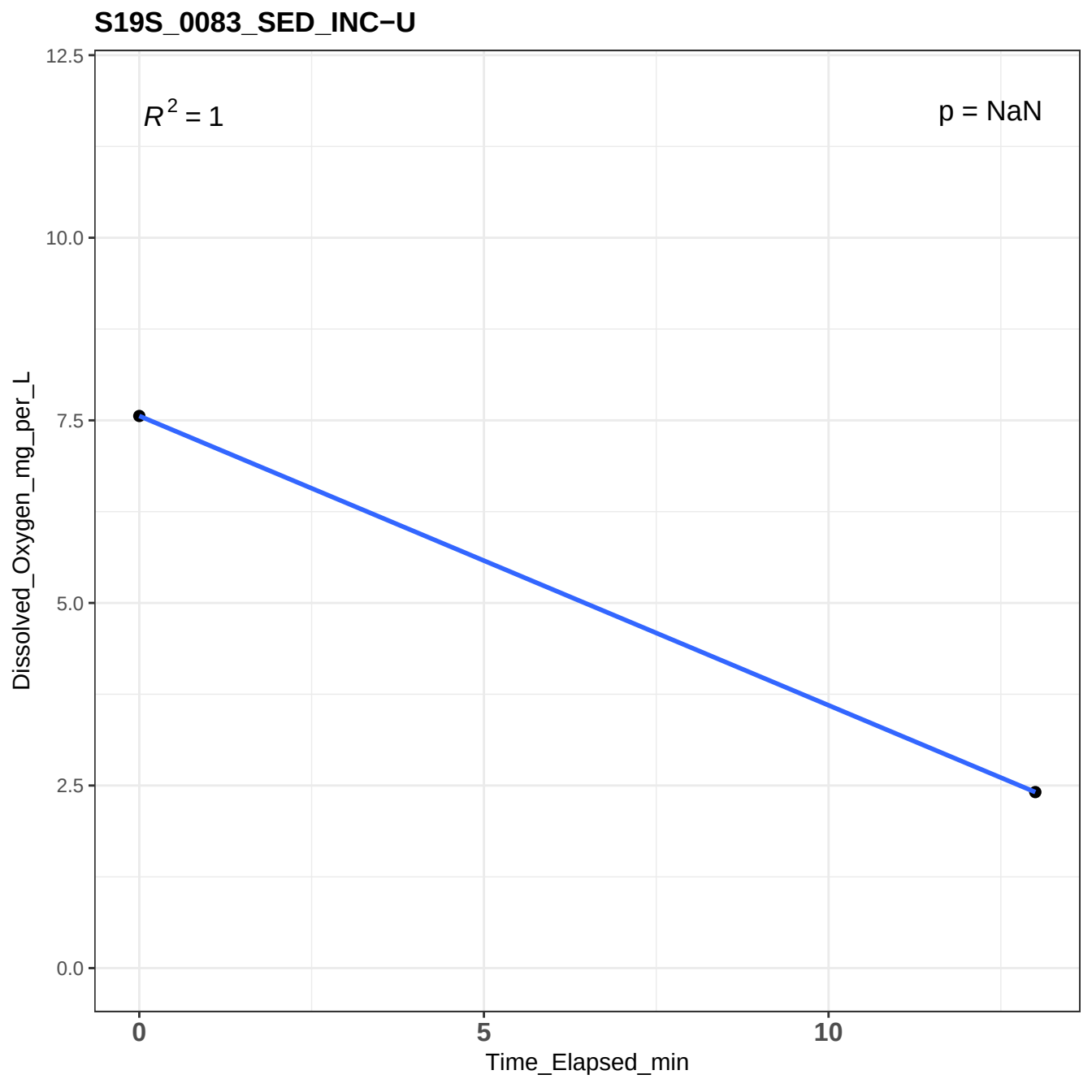

S19S_0082_SED_INC−D
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
Time_Elapsed_min

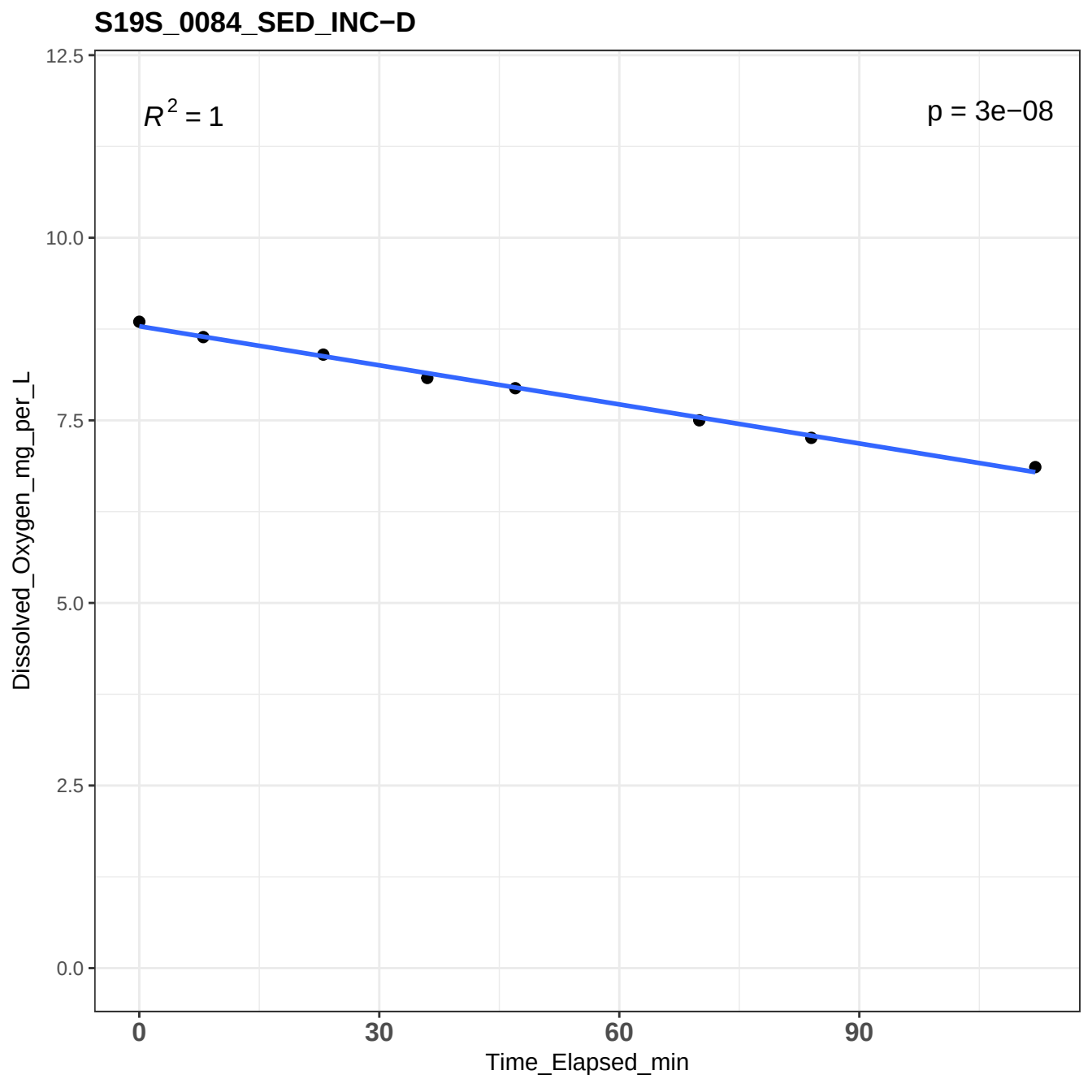

S19S_0082_SED_INC−M
$R^2 = 1$
p = NaN
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
5
10
15
20
25
Time_Elapsed_min

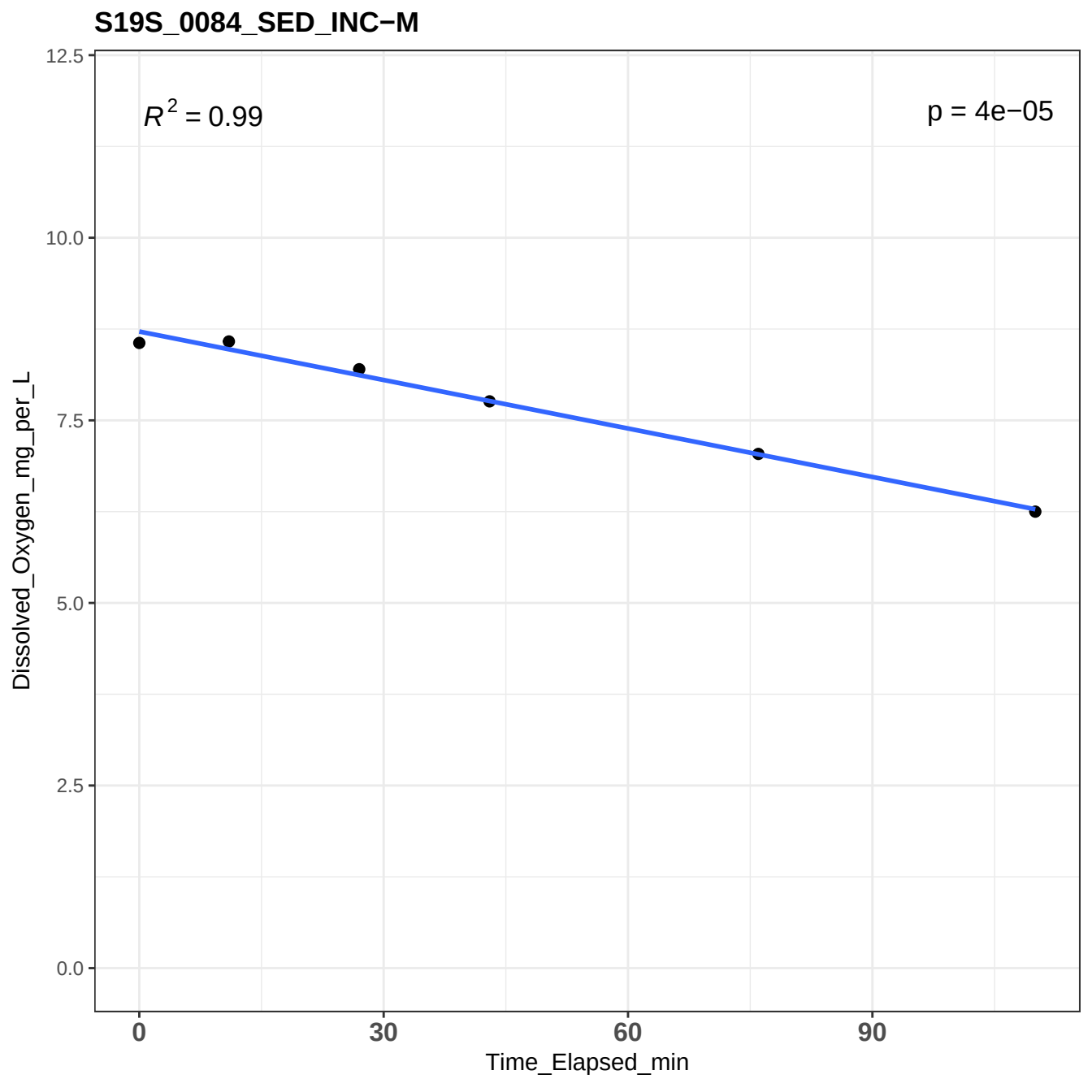

S19S_0082_SED_INC−U
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
15
Time_Elapsed_min

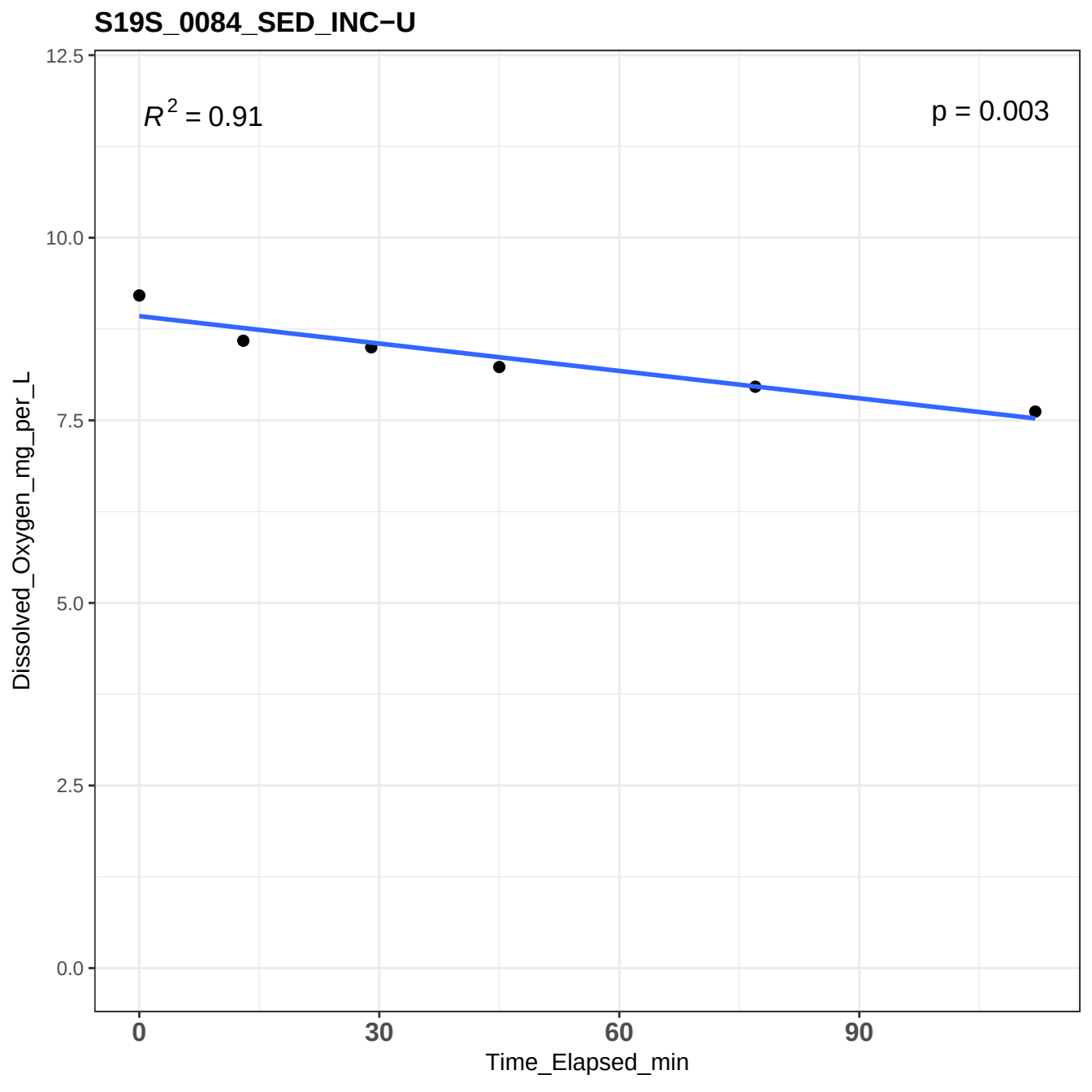

S19S_0083_SED_INC−D
R^2 = 0.98
p = 0.008
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
40
Time_Elapsed_min

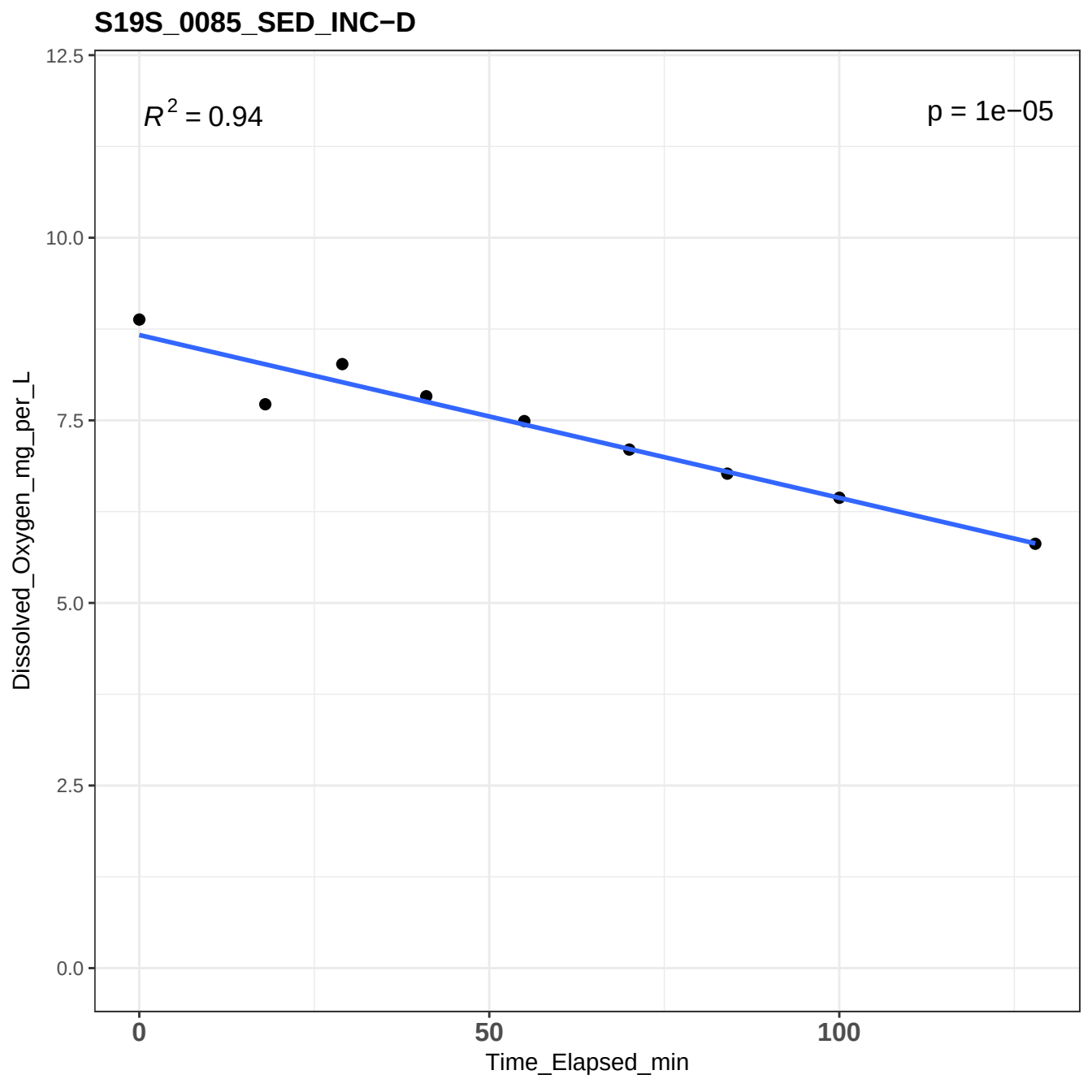

S19S_0083_SED_INC−M
R^2 = 0.98
p = 0.08
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
Time_Elapsed_min

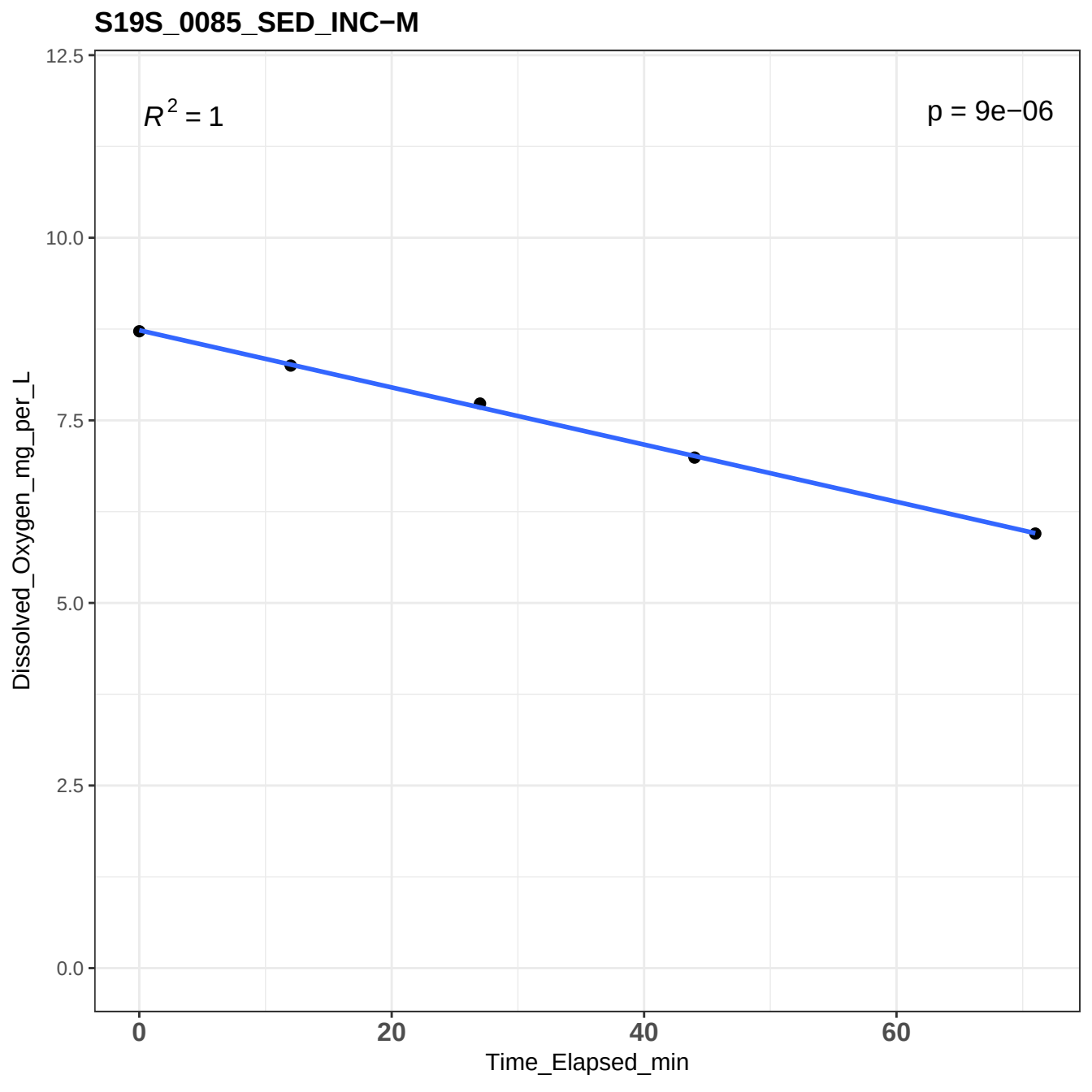

S19S_0083_SED_INC−U
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
Time_Elapsed_min

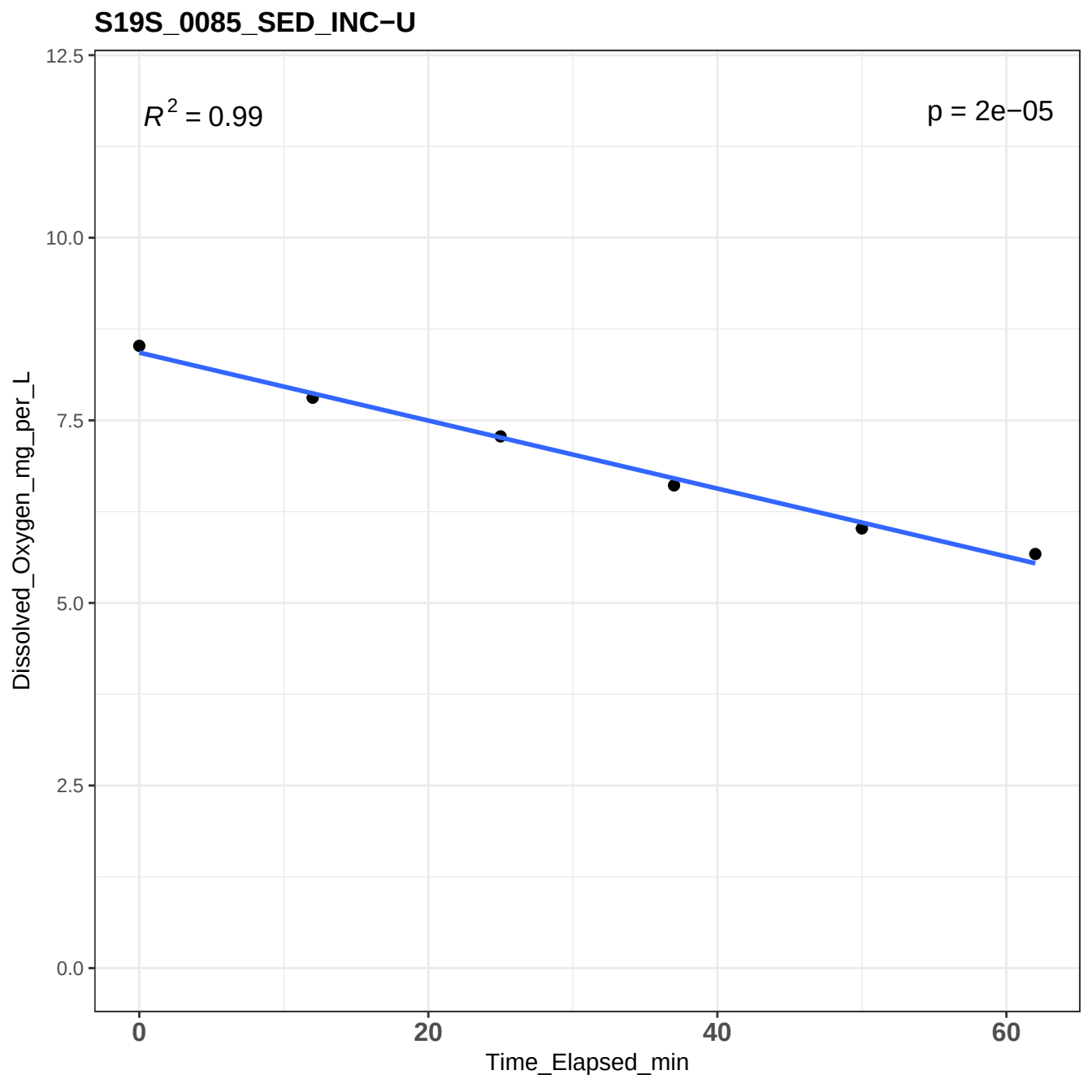

S19S_0084_SED_INC−D
$R^2 = 1$
p = 3e−08
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
30
60
90
Time_Elapsed_min

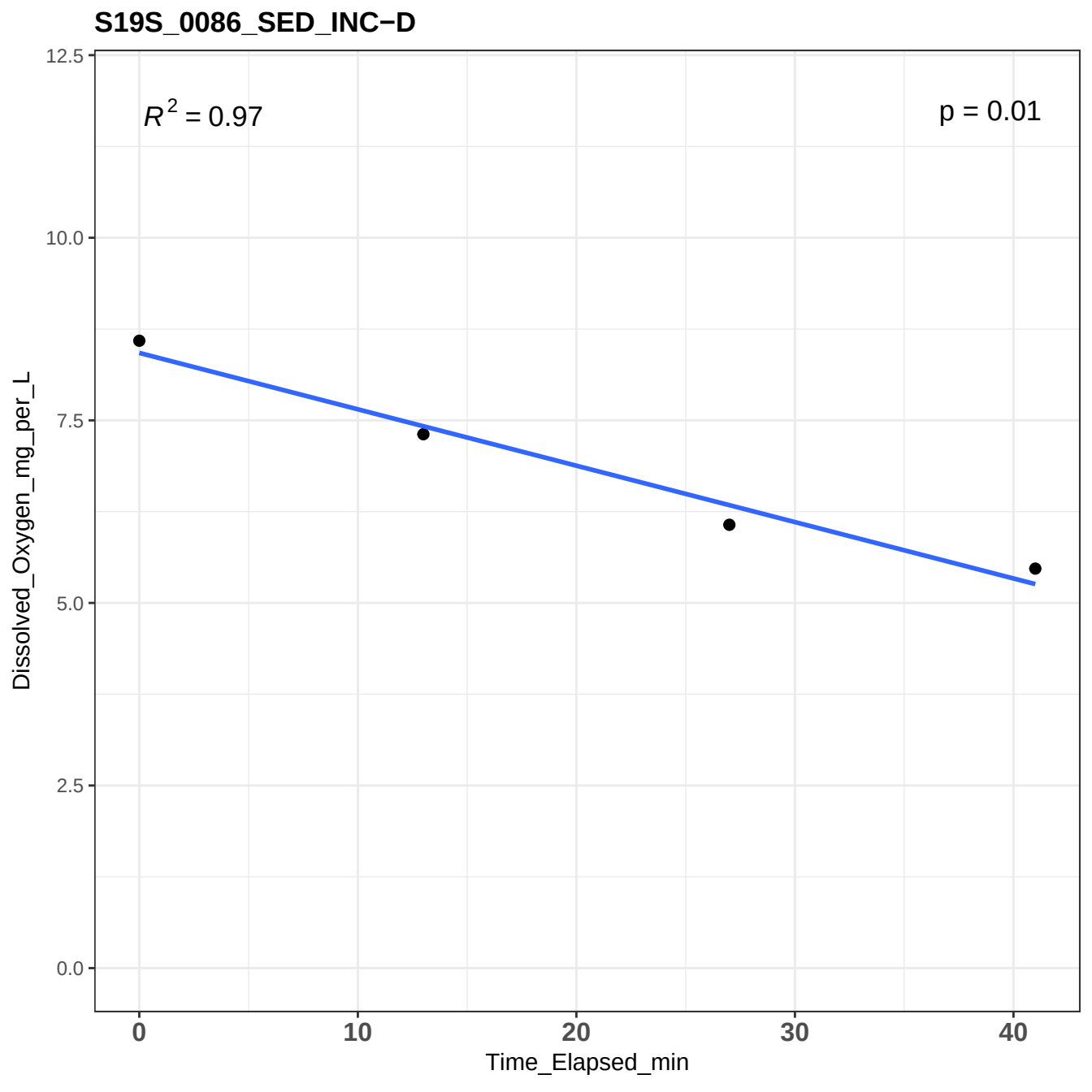

S19S_0084_SED_INC−M
R^2 = 0.99
p = 4e−05
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
30
60
90
Time_Elapsed_min

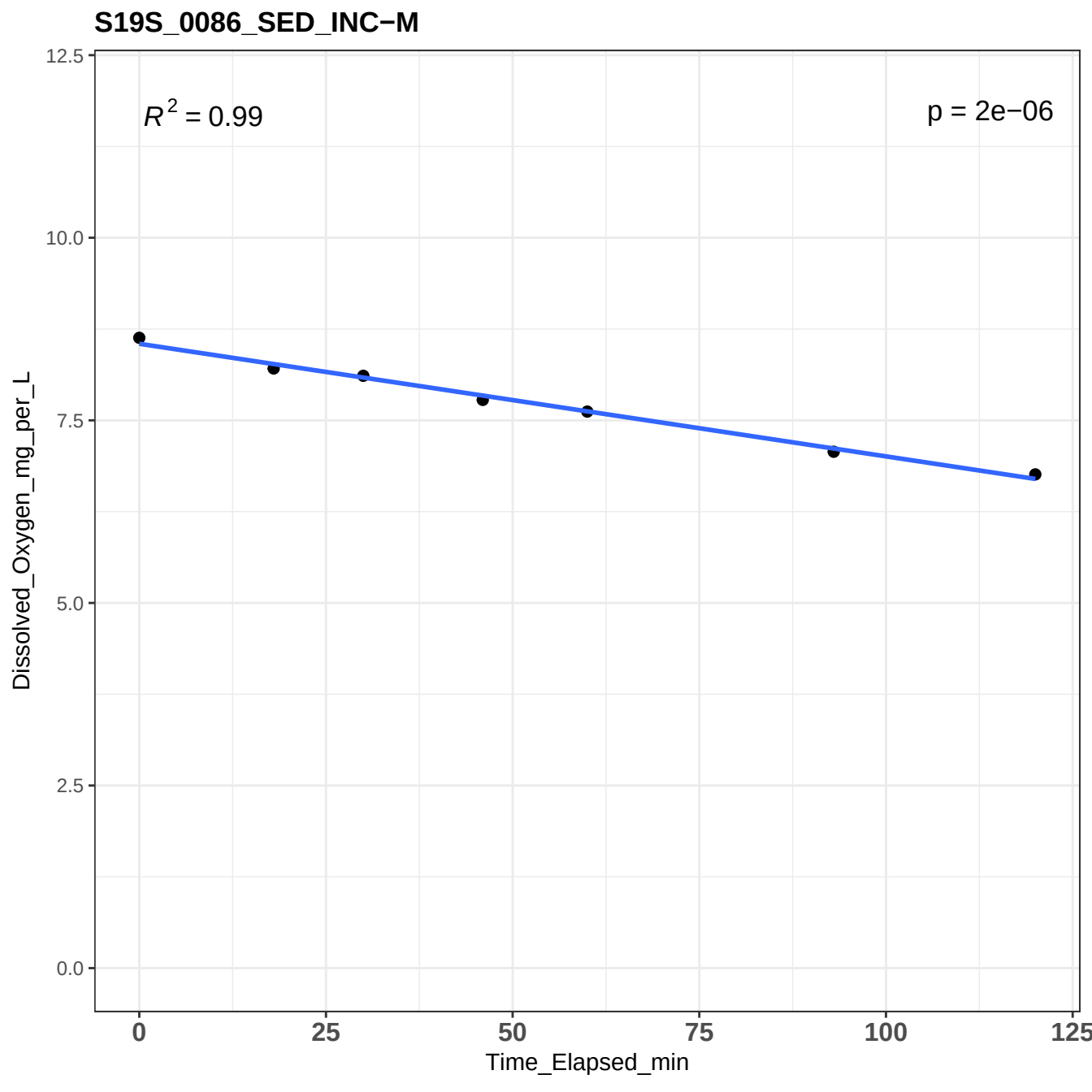

S19S_0084_SED_INC−U
R^2 = 0.91
p = 0.003
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
Time_Elapsed_min

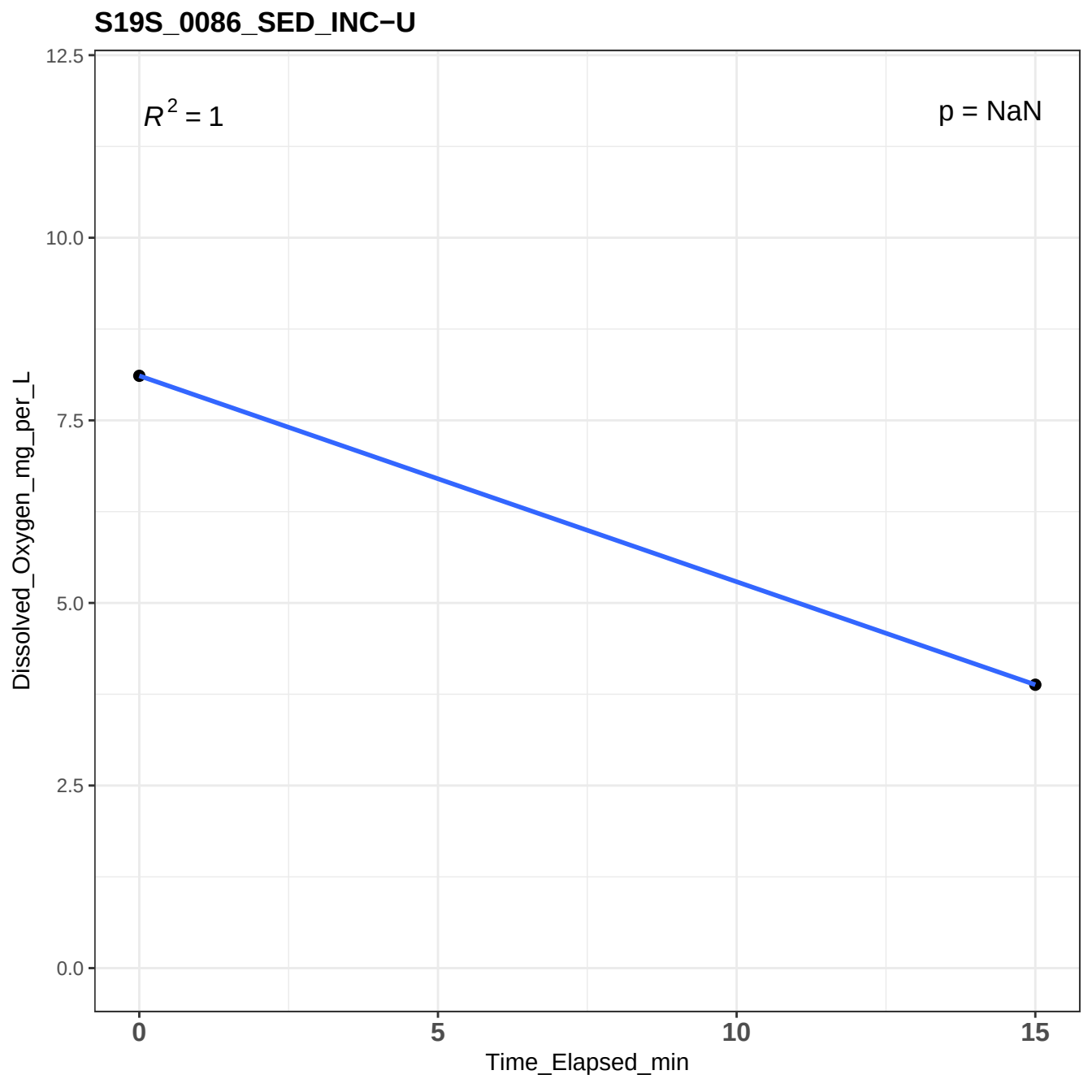

S19S_0085_SED_INC−D
R^2 = 0.94
p = 1e−05
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
50
100
Time_Elapsed_min

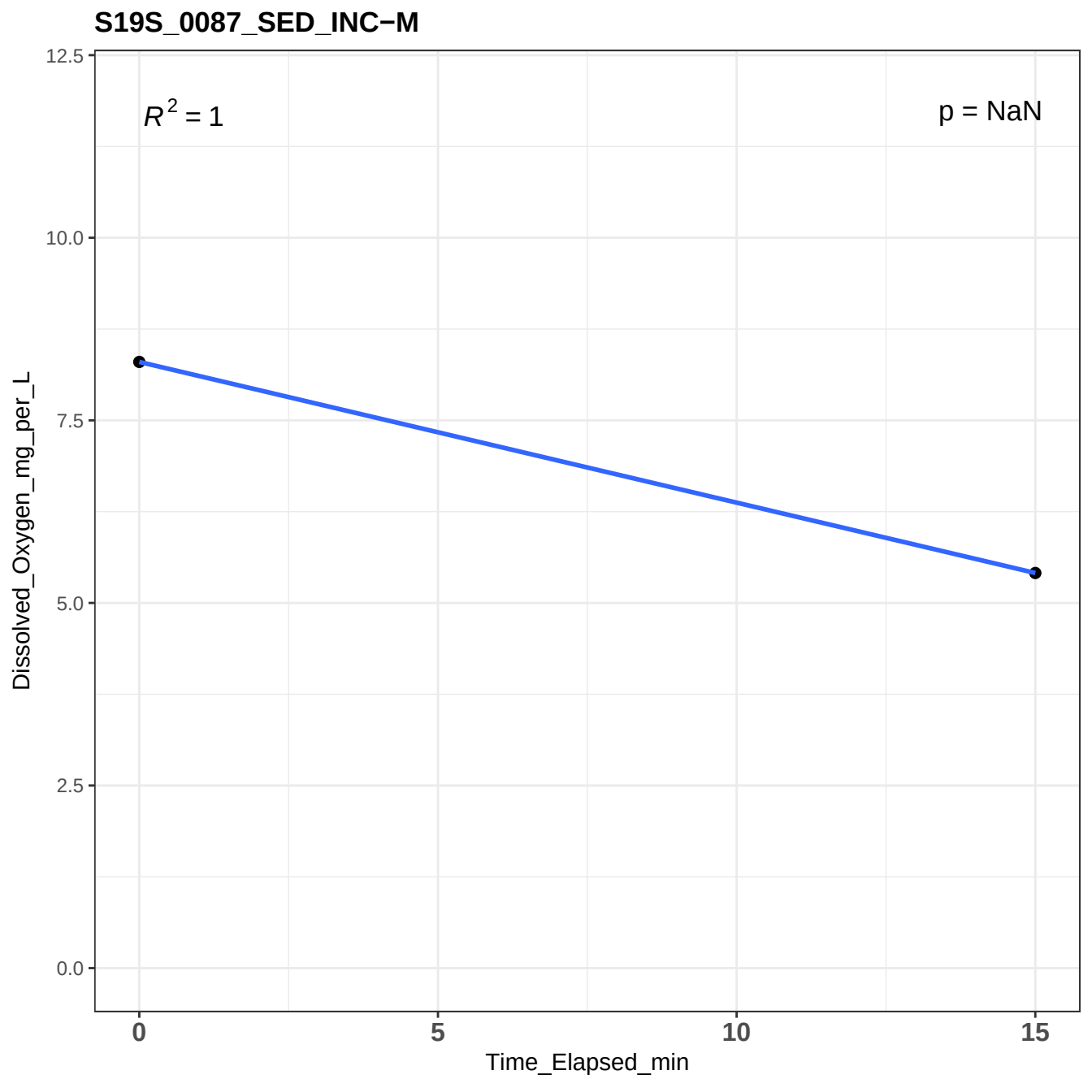

S19S_0085_SED_INC−M
$R^2 = 1$
p = 9e−06
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
20
40
60
Time_Elapsed_min

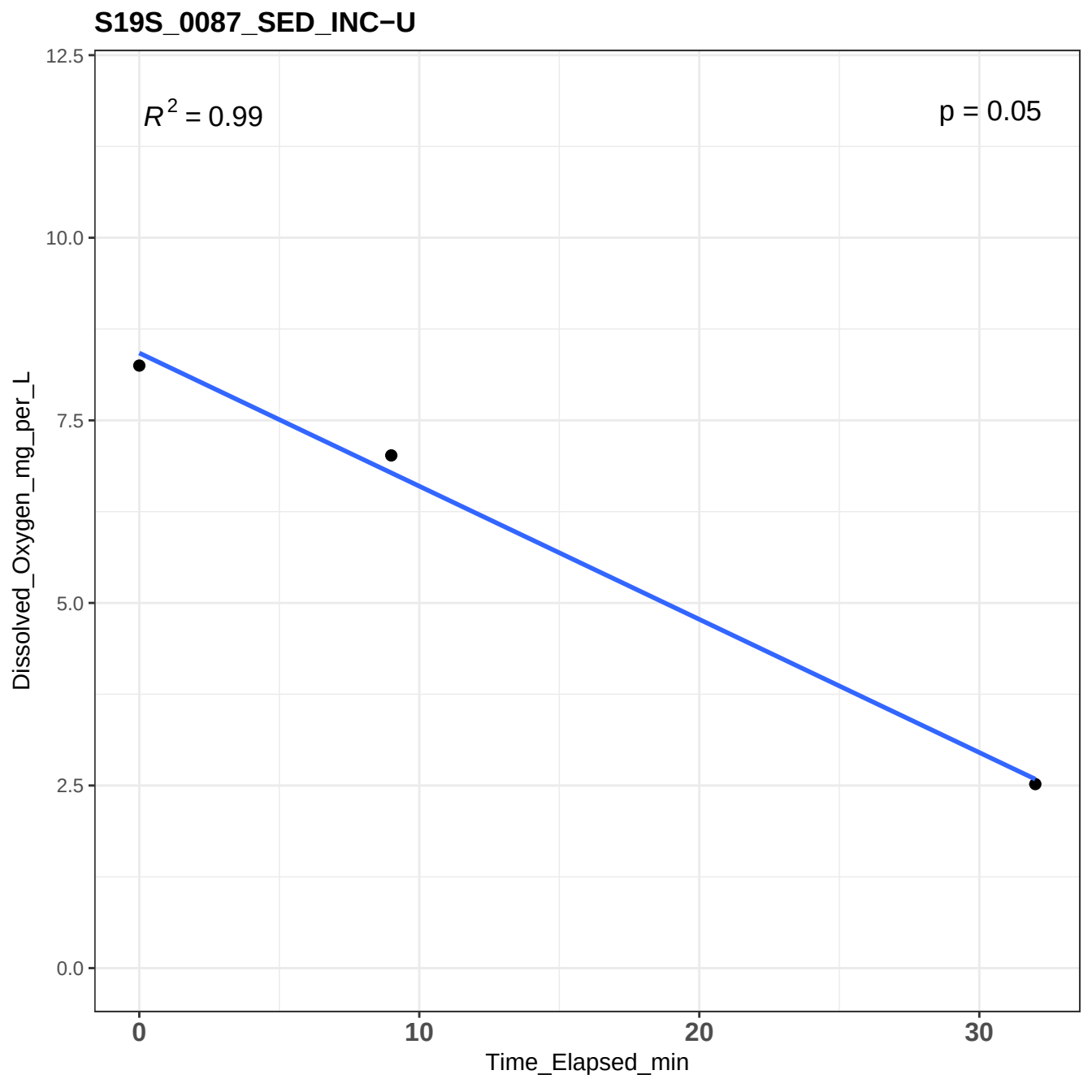

S19S_0085_SED_INC−U
R^2 = 0.99
p = 2e−05
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
20
40
60
Time_Elapsed_min

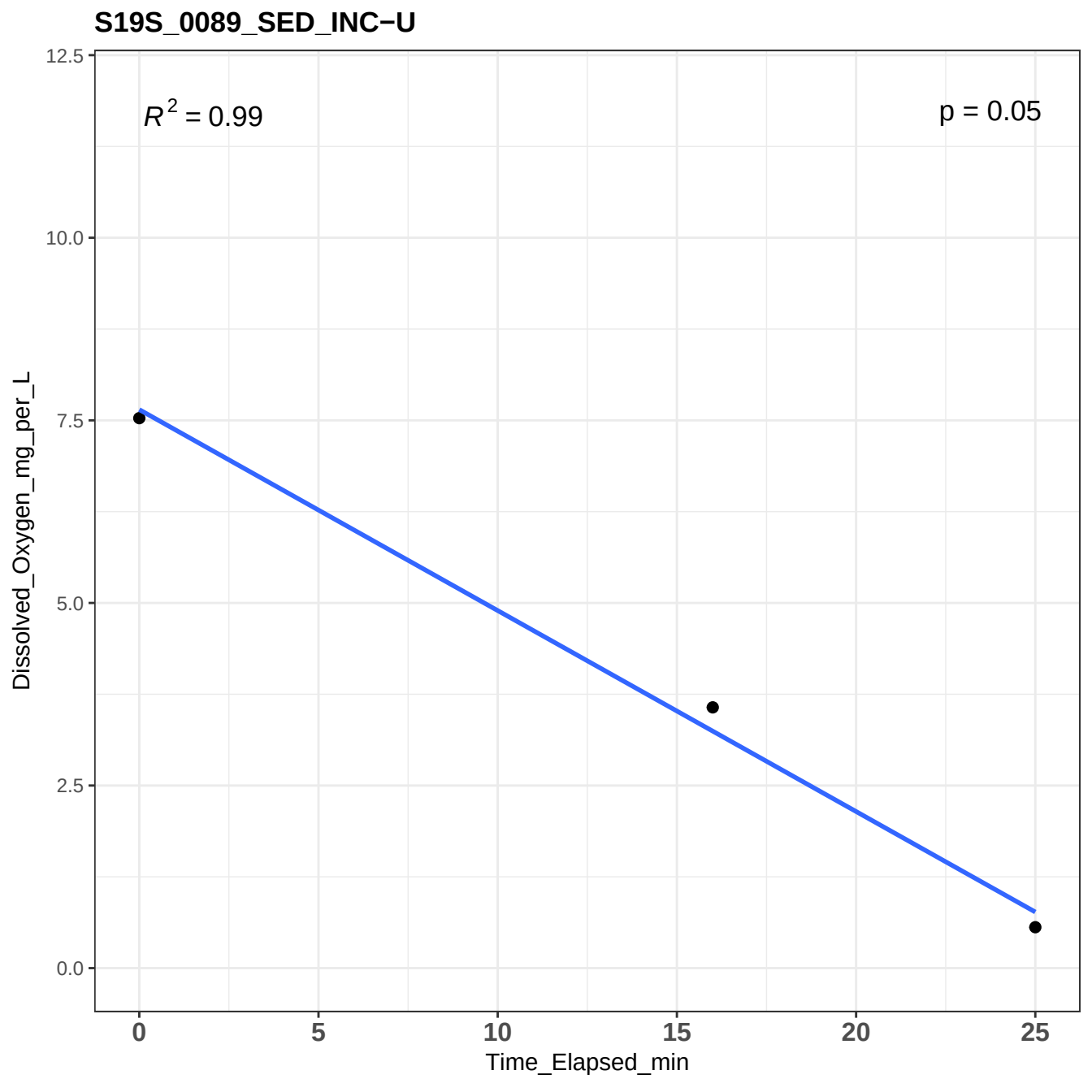

S19S_0086_SED_INC−D
R^2 = 0.97
p = 0.01
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
40
Time_Elapsed_min

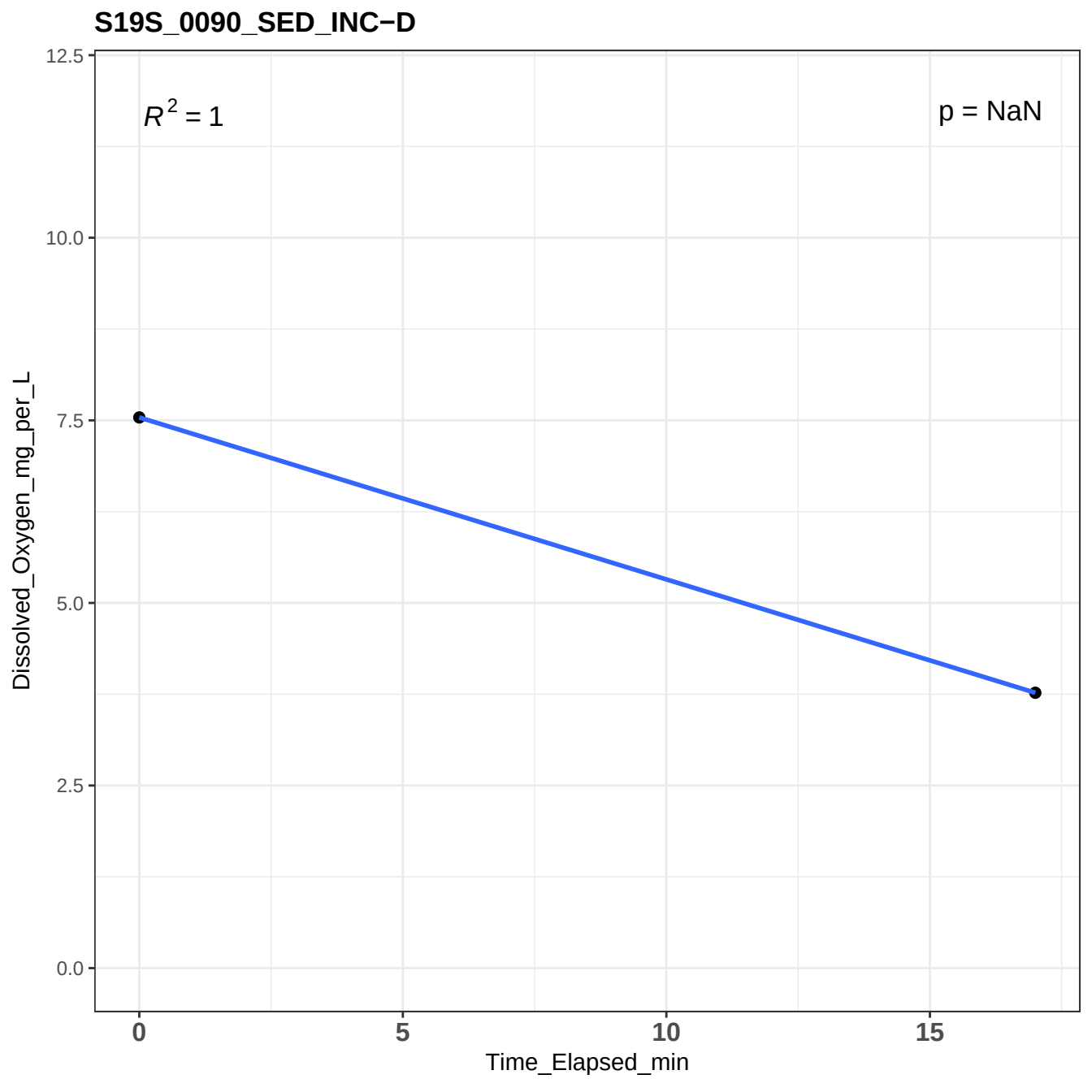

S19S_0086_SED_INC−M
R^2 = 0.99
p = 2e−06
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
125
Time_Elapsed_min

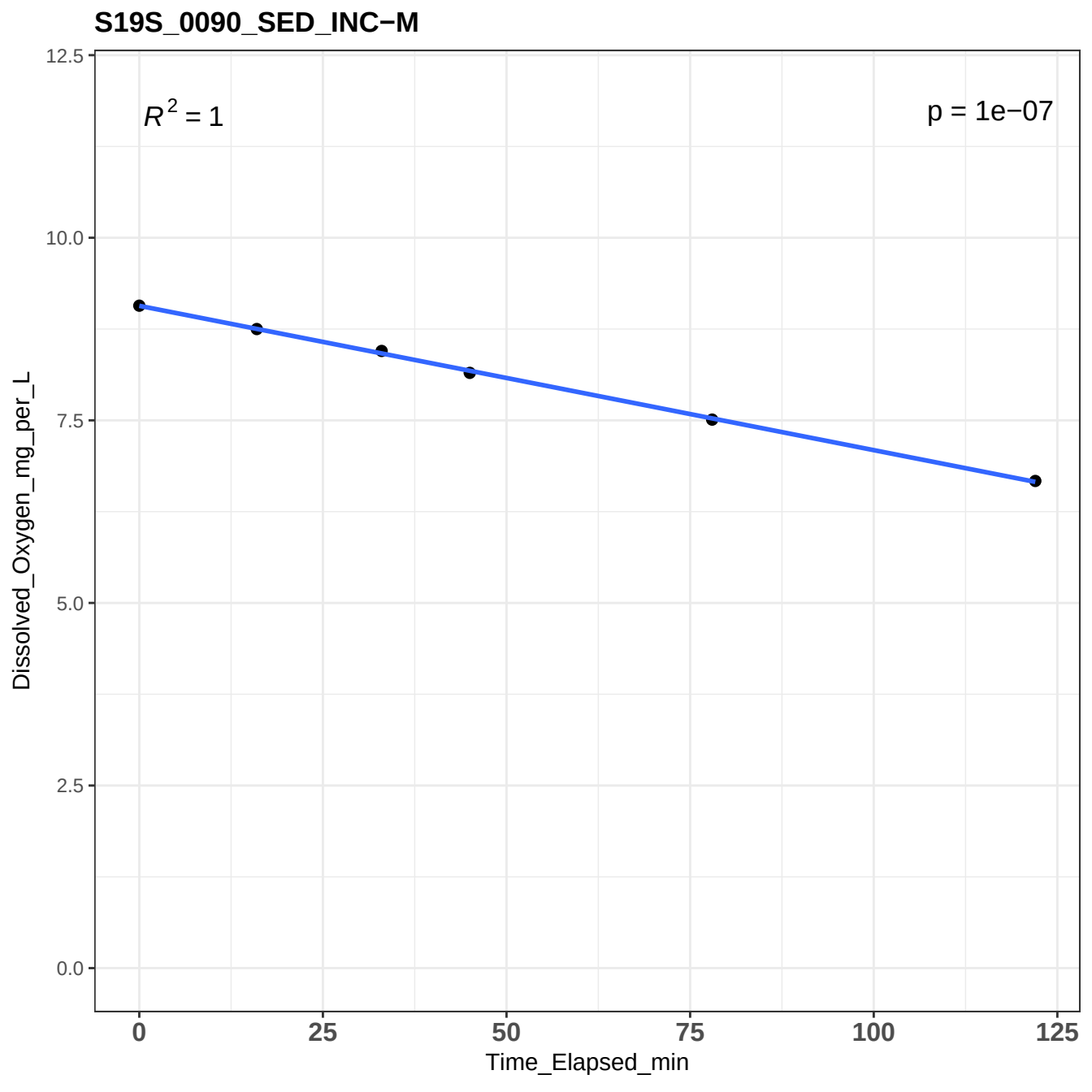

S19S_0086_SED_INC−U
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
15
Time_Elapsed_min

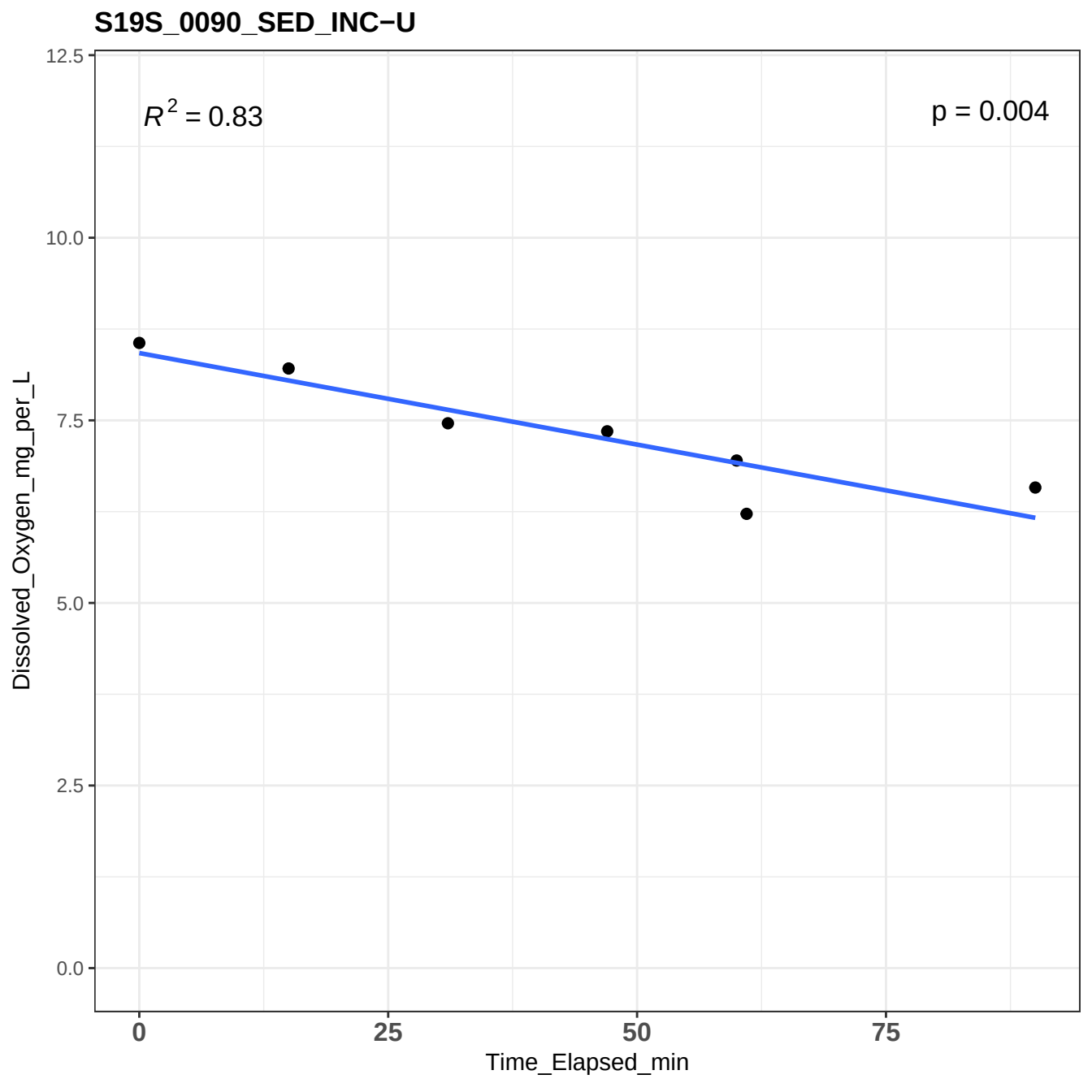

S19S_0087_SED_INC−M
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
15
Time_Elapsed_min

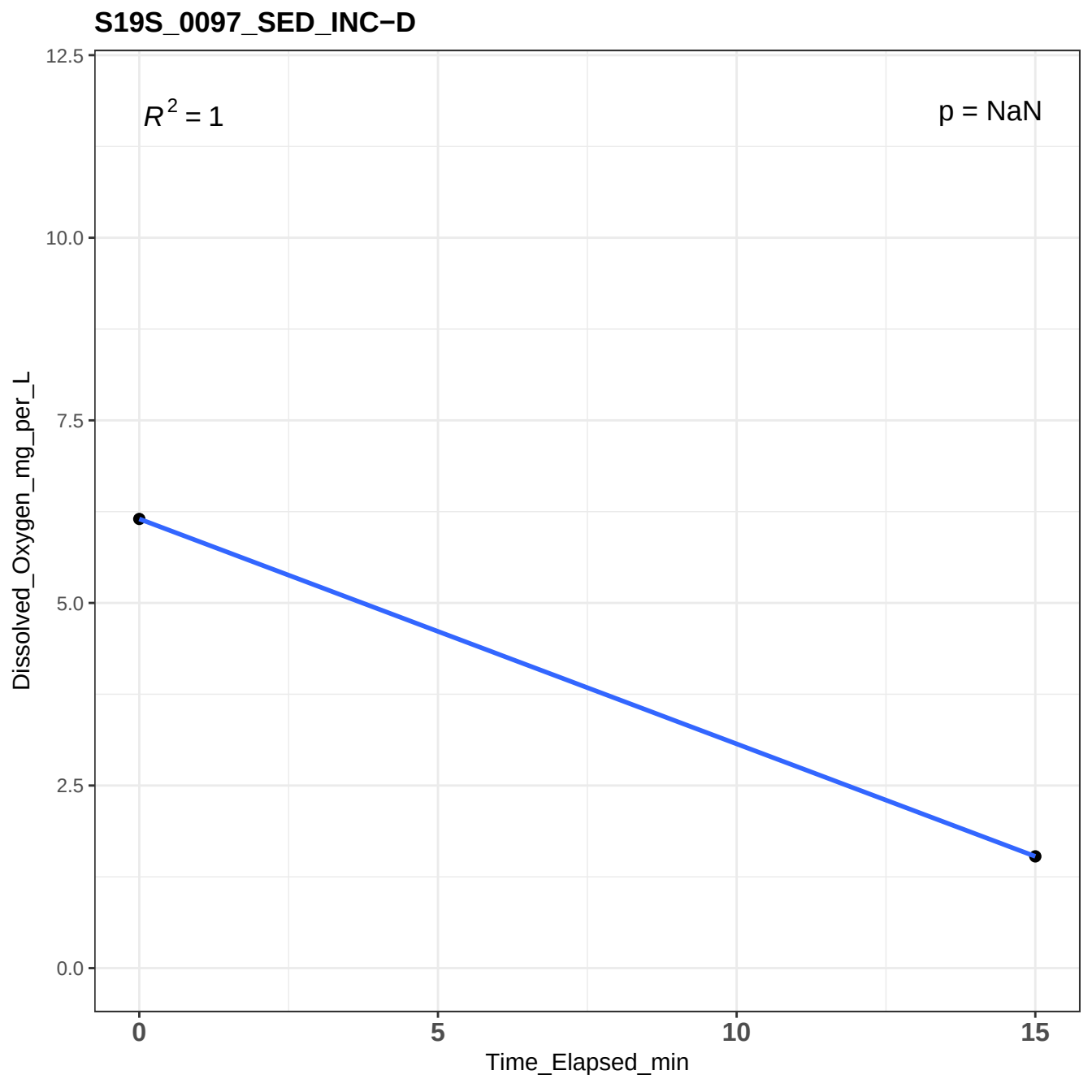

S19S_0087_SED_INC−U
R^2 = 0.99
p = 0.05
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
30
Time_Elapsed_min

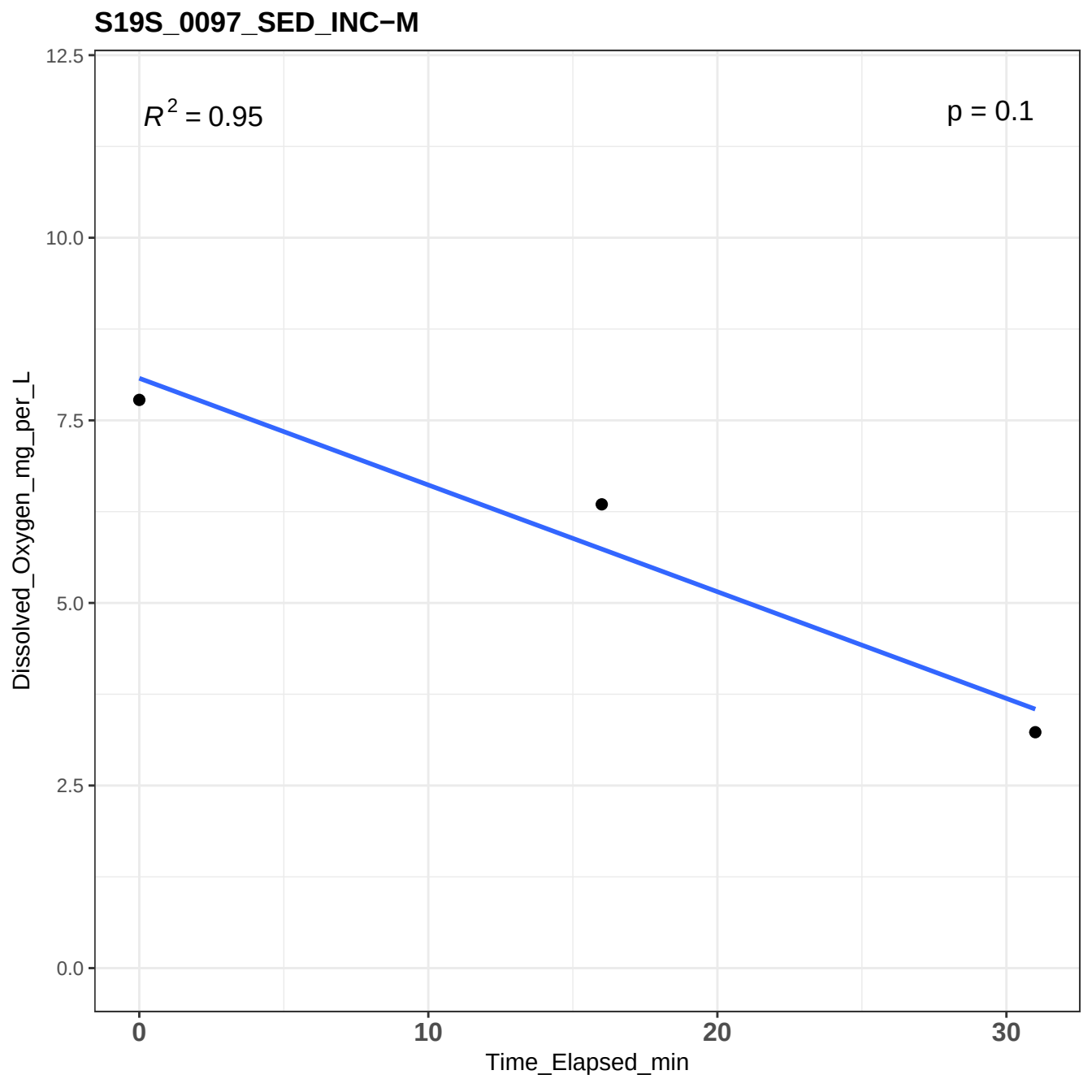

S19S_0089_SED_INC−U
R^2 = 0.99
p = 0.05
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
5
10
15
20
25
Time_Elapsed_min

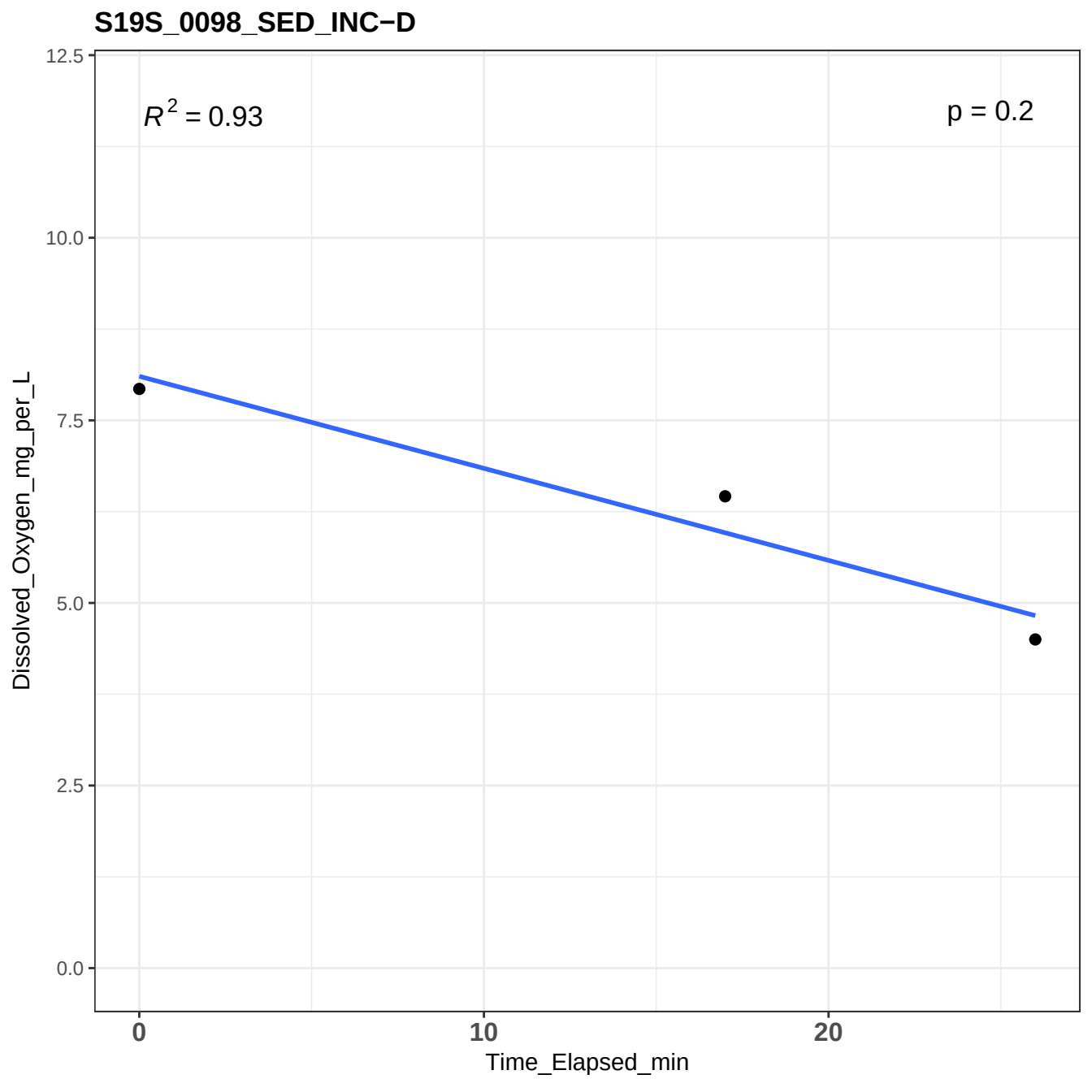

S19S_0090_SED_INC−D
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
15
Time_Elapsed_min

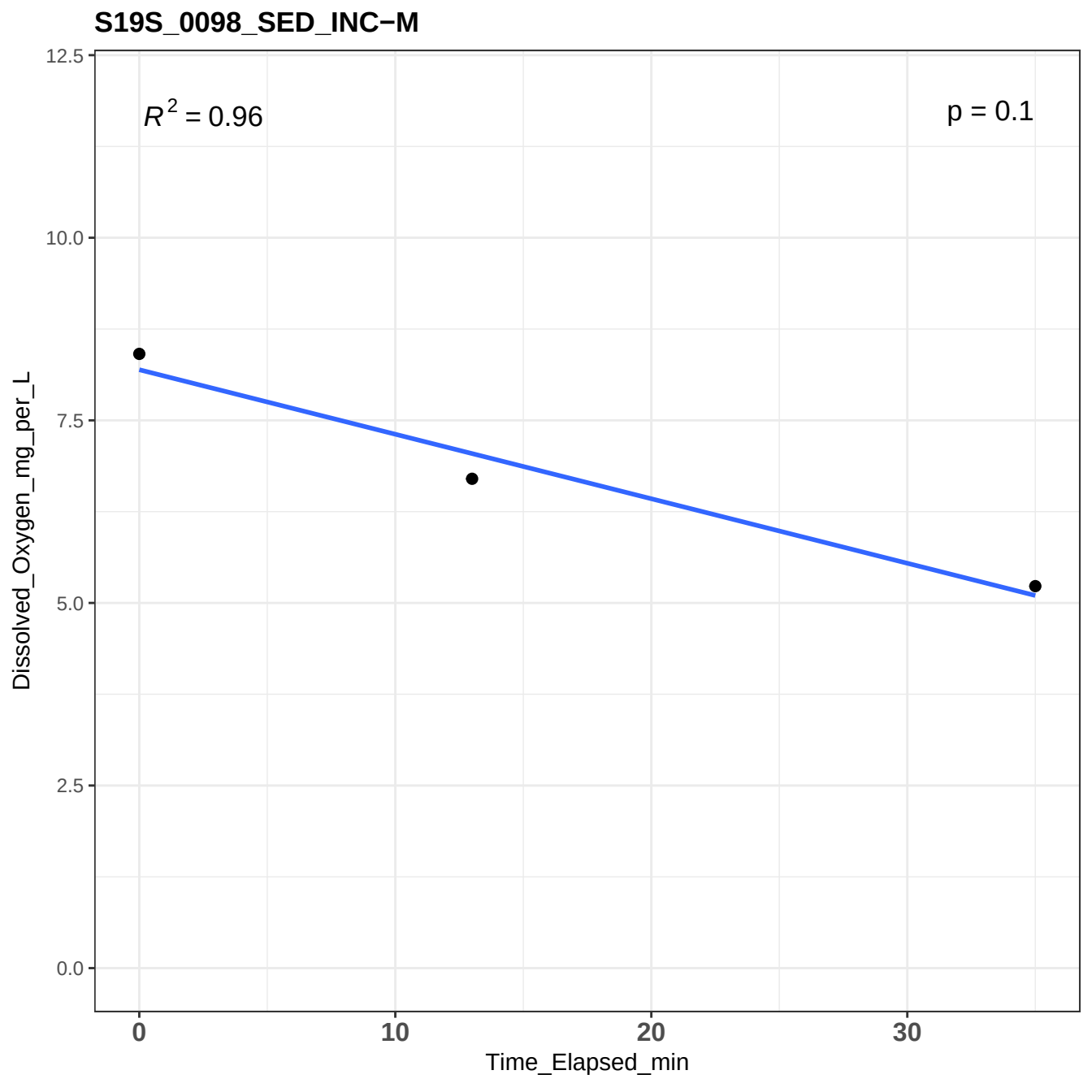

S19S_0090_SED_INC−M
$R^2 = 1$
p = 1e−07
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
25
50
75
100
125
Time_Elapsed_min

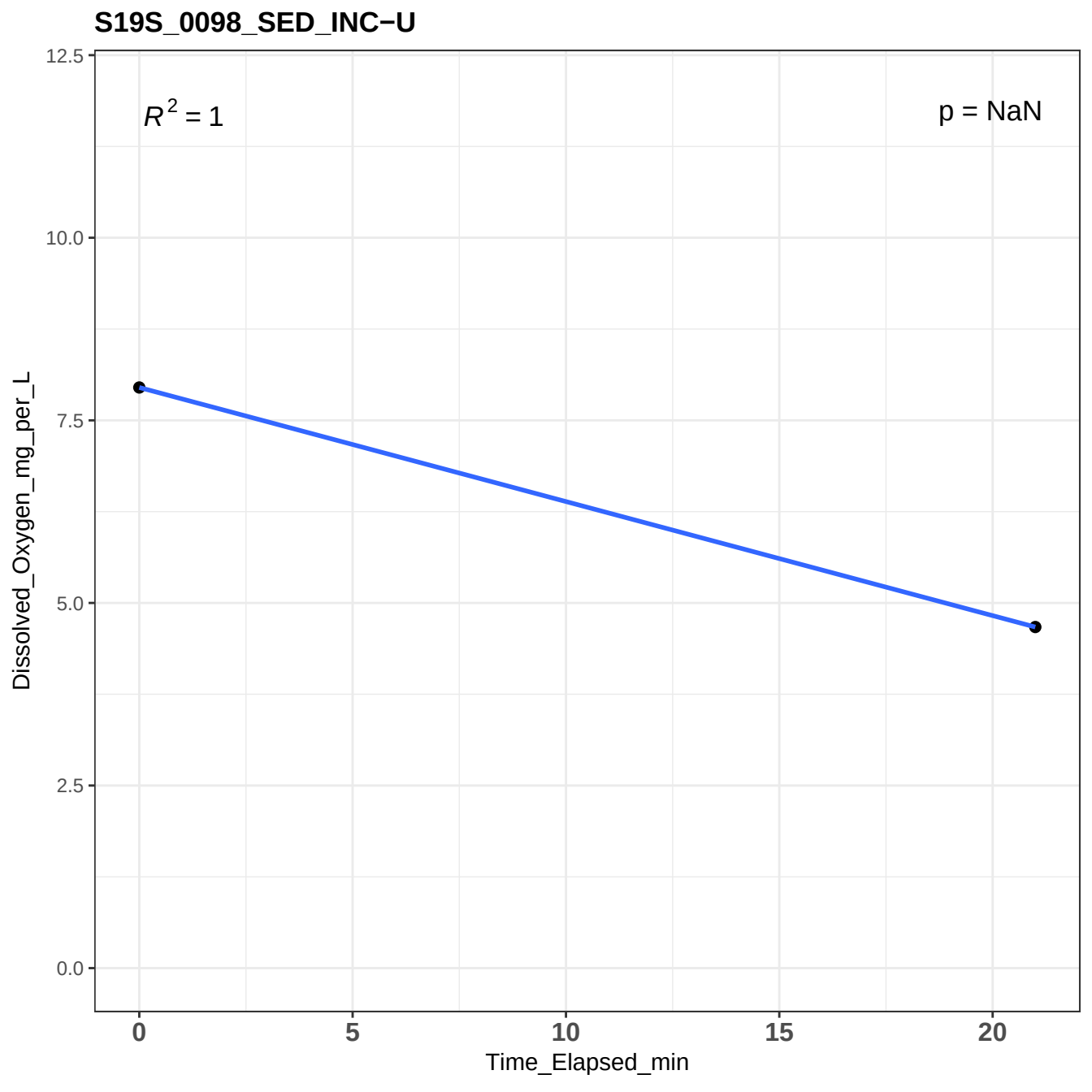

S19S_0090_SED_INC−U
R^2 = 0.83
p = 0.004
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
25
50
75
Time_Elapsed_min

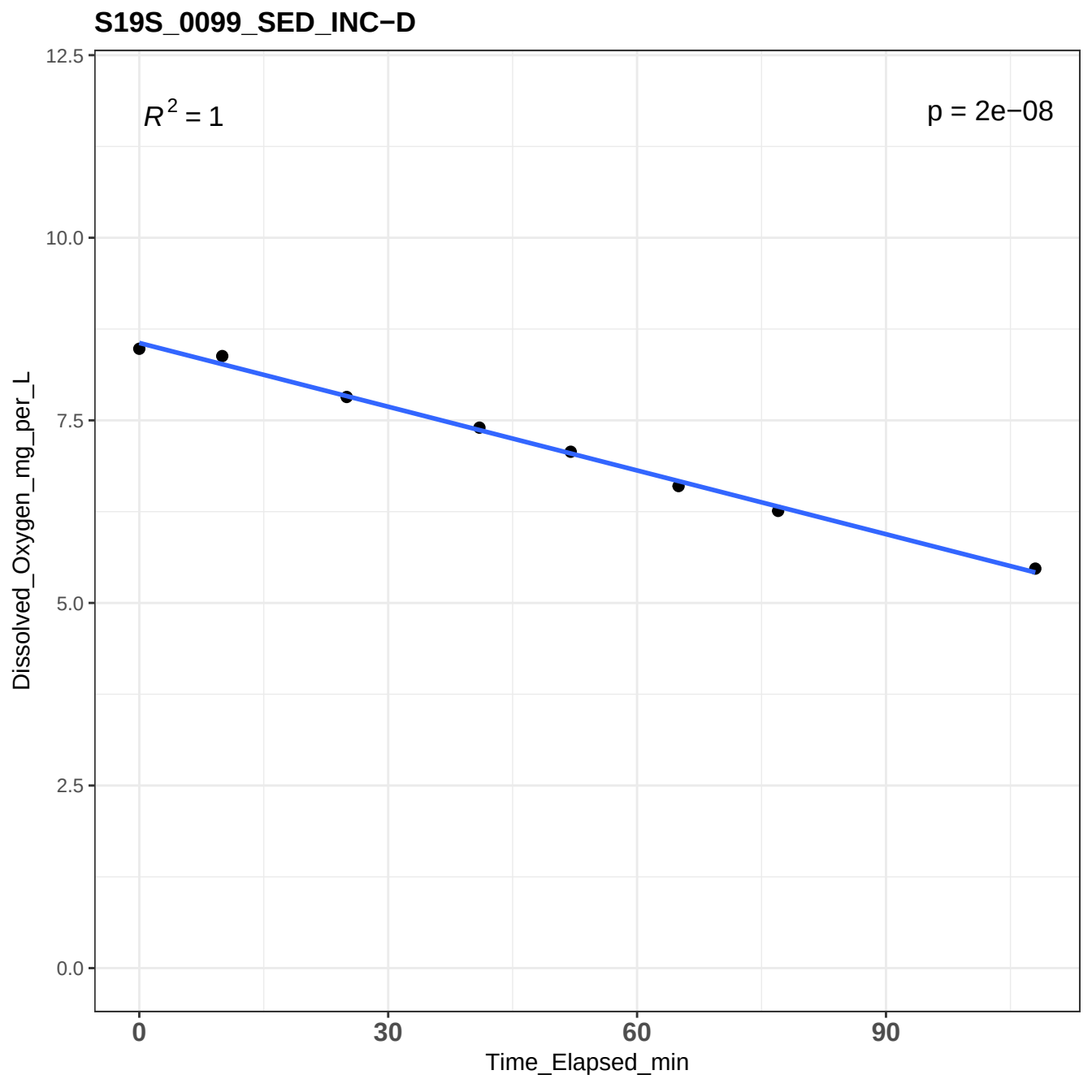

S19S_0097_SED_INC−D
$R^2 = 1$
p = NaN
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
5
10
15
Time_Elapsed_min

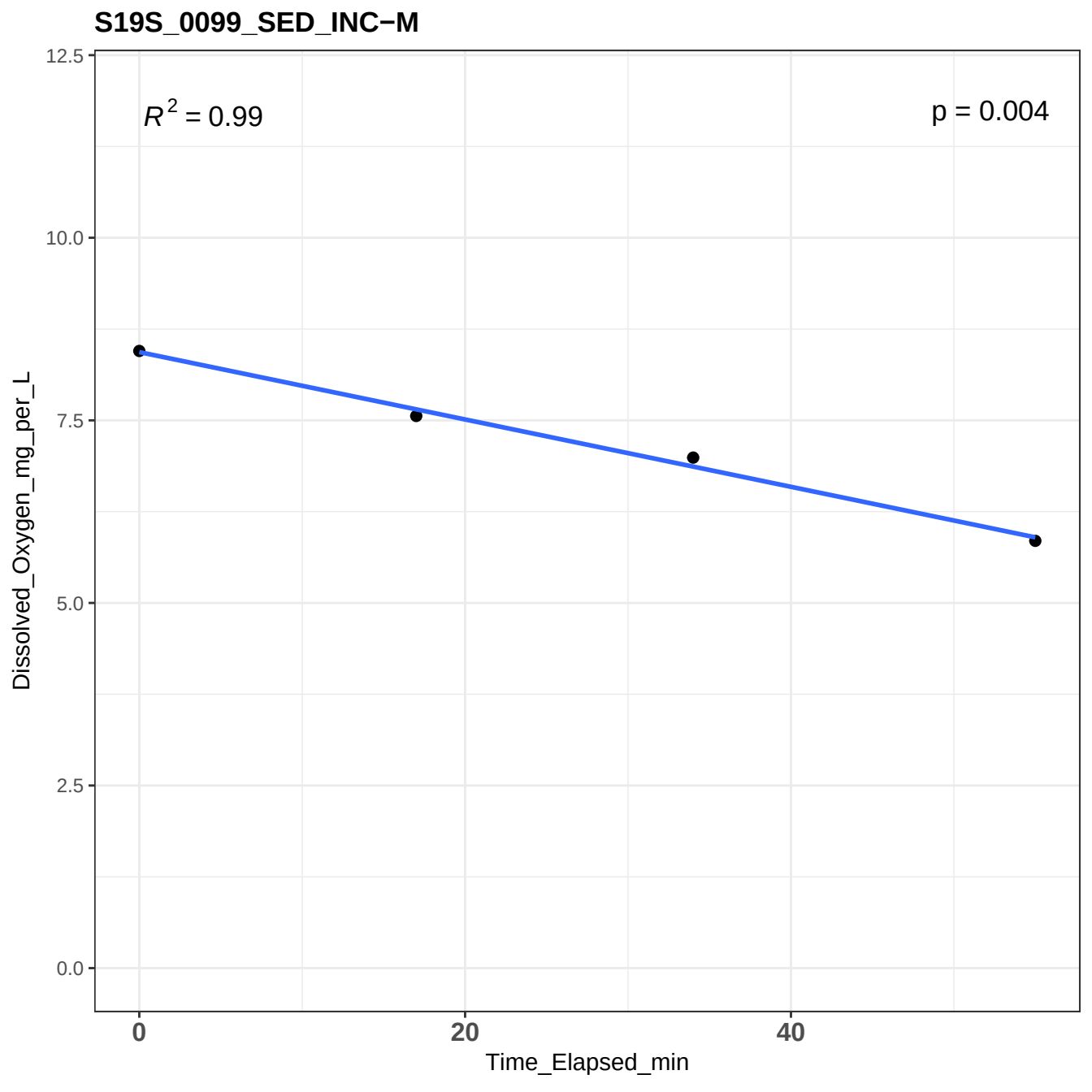

S19S_0097_SED_INC−M
R^2 = 0.95
p = 0.1
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
Time_Elapsed_min

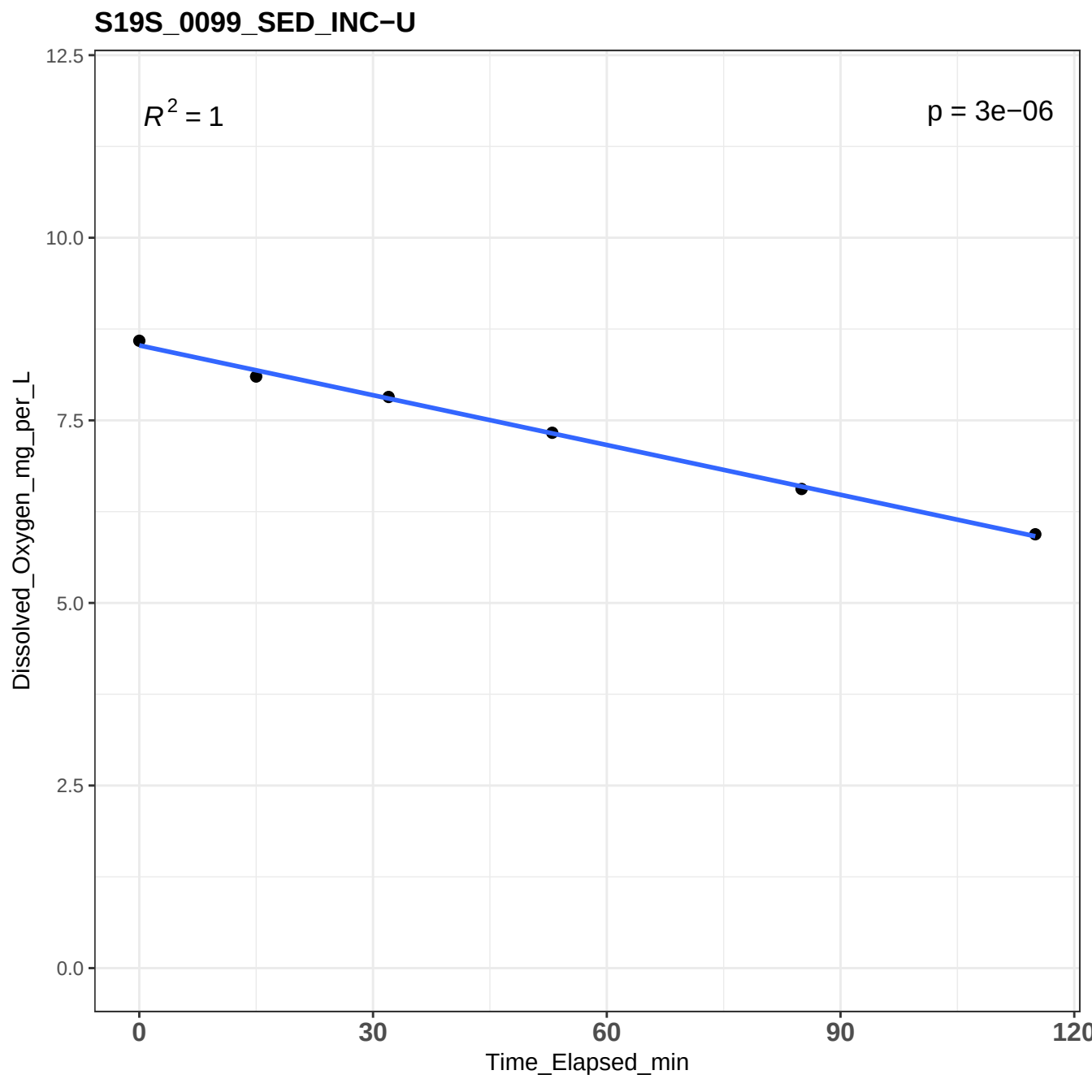

S19S_0098_SED_INC−D
R^2 = 0.93
p = 0.2
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
10
20
Time_Elapsed_min

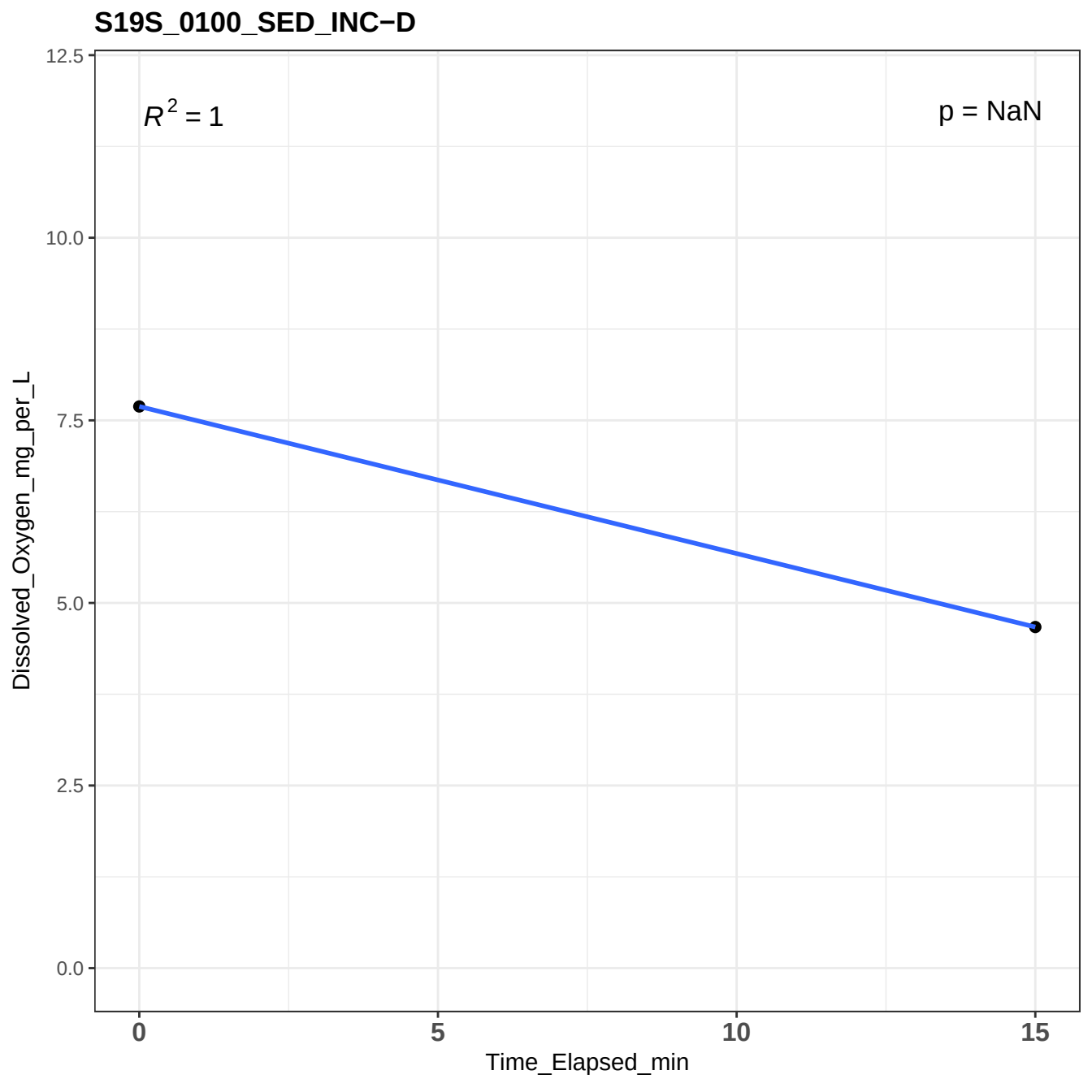

S19S_0098_SED_INC−M
R^2 = 0.96
p = 0.1
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
10
20
30
Time_Elapsed_min

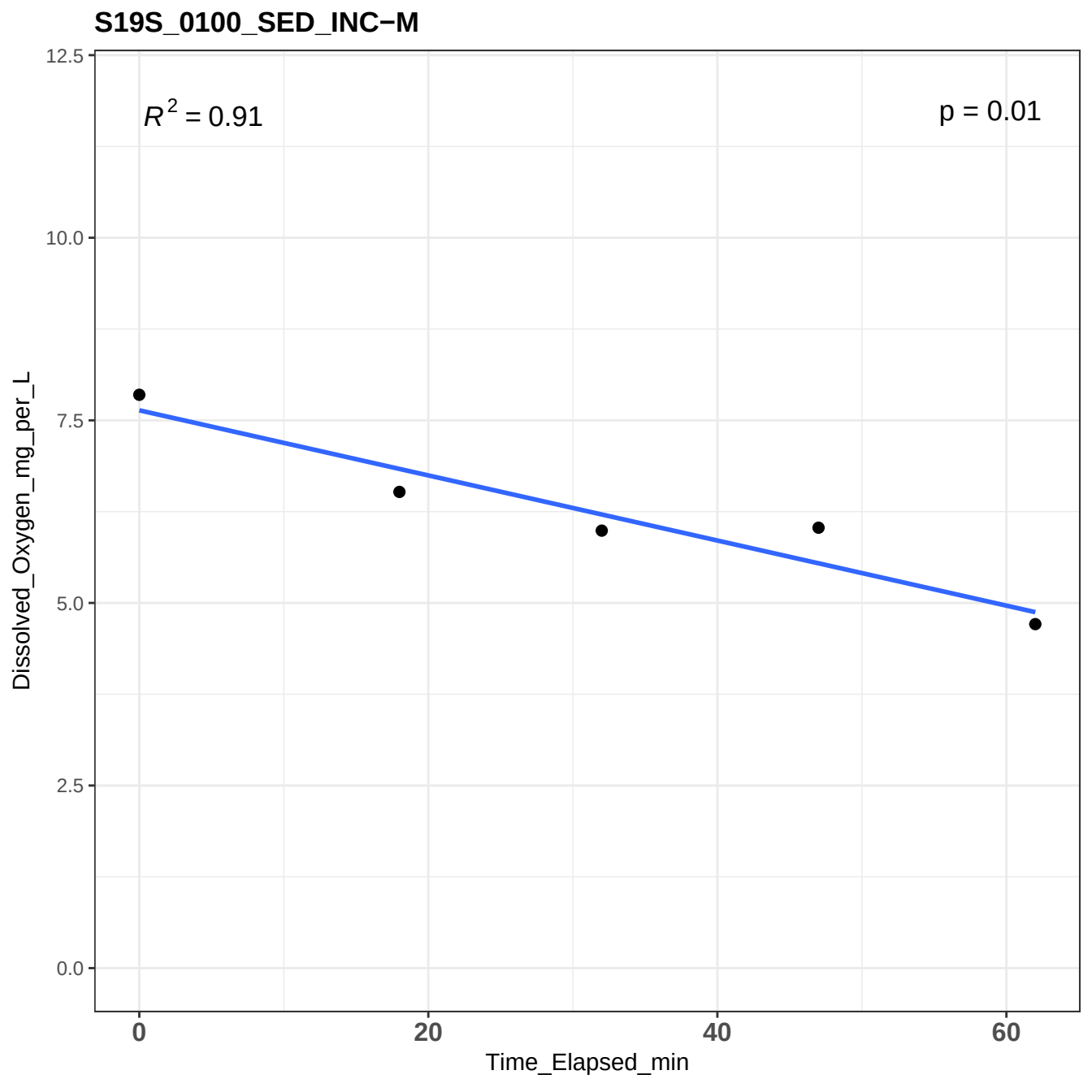

S19S_0098_SED_INC−U
$R^2 = 1$
p = NaN
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
5
10
15
20
Time_Elapsed_min

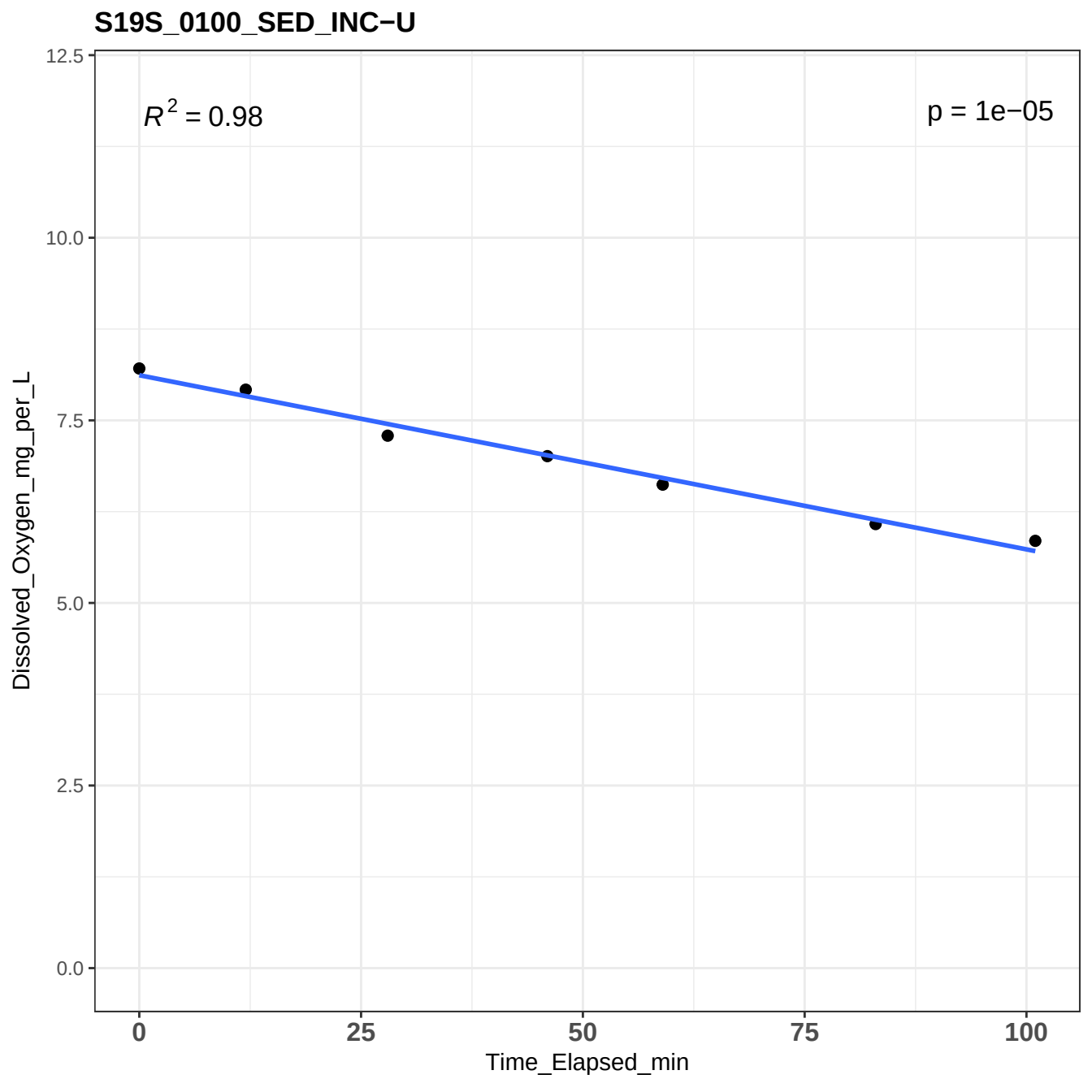

S19S_0099_SED_INC−D
$R^2 = 1$
p = 2e−08
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
30
60
90
Time_Elapsed_min


S19S_0099_SED_INC−M
R^2 = 0.99
p = 0.004
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
20
40
Time_Elapsed_min


S19S_0099_SED_INC−U
$R^2 = 1$
p = 3e−06
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
30
60
90
120
Time_Elapsed_min


S19S_0100_SED_INC−D
$R^2 = 1$
p = NaN
12.5
10.0
7.5
5.0
2.5
0.0
Dissolved_Oxygen_mg_per_L
0
5
10
15
Time_Elapsed_min


S19S_0100_SED_INC−M
R^2 = 0.91
p = 0.01
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
20
40
60
Time_Elapsed_min


S19S_0100_SED_INC−U
R^2 = 0.98
p = 1e−05
Dissolved_Oxygen_mg_per_L
12.5
10.0
7.5
5.0
2.5
0.0
0
25
50
75
100
Time_Elapsed_min