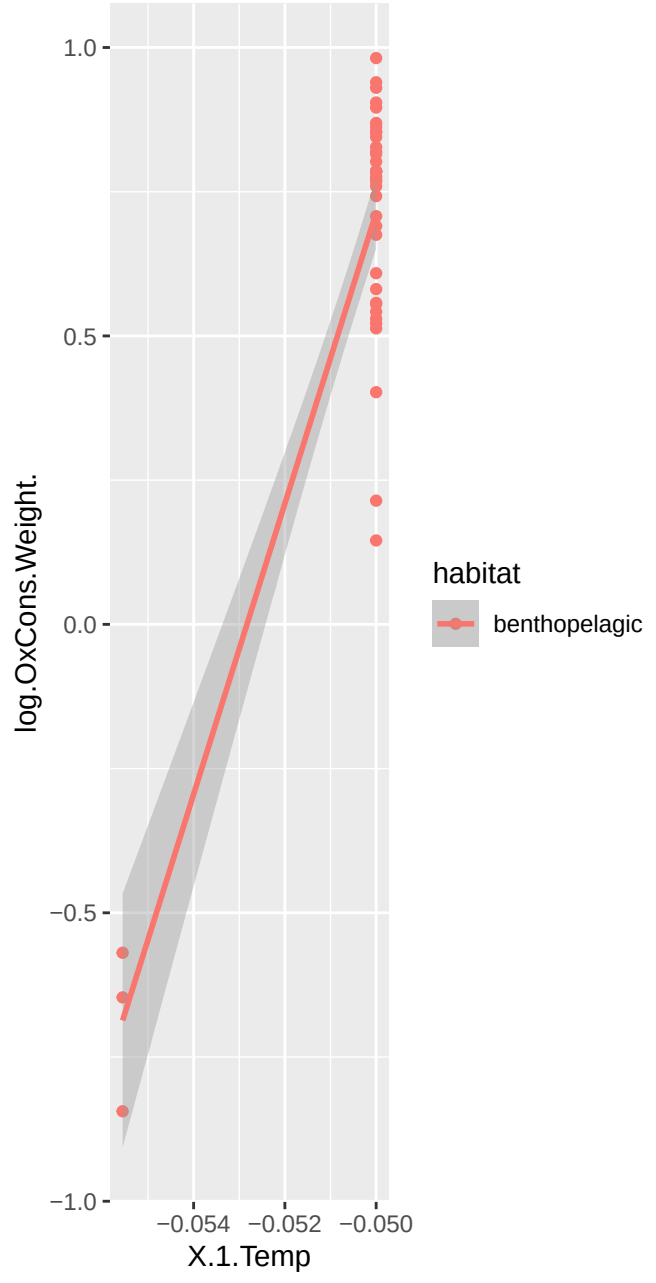
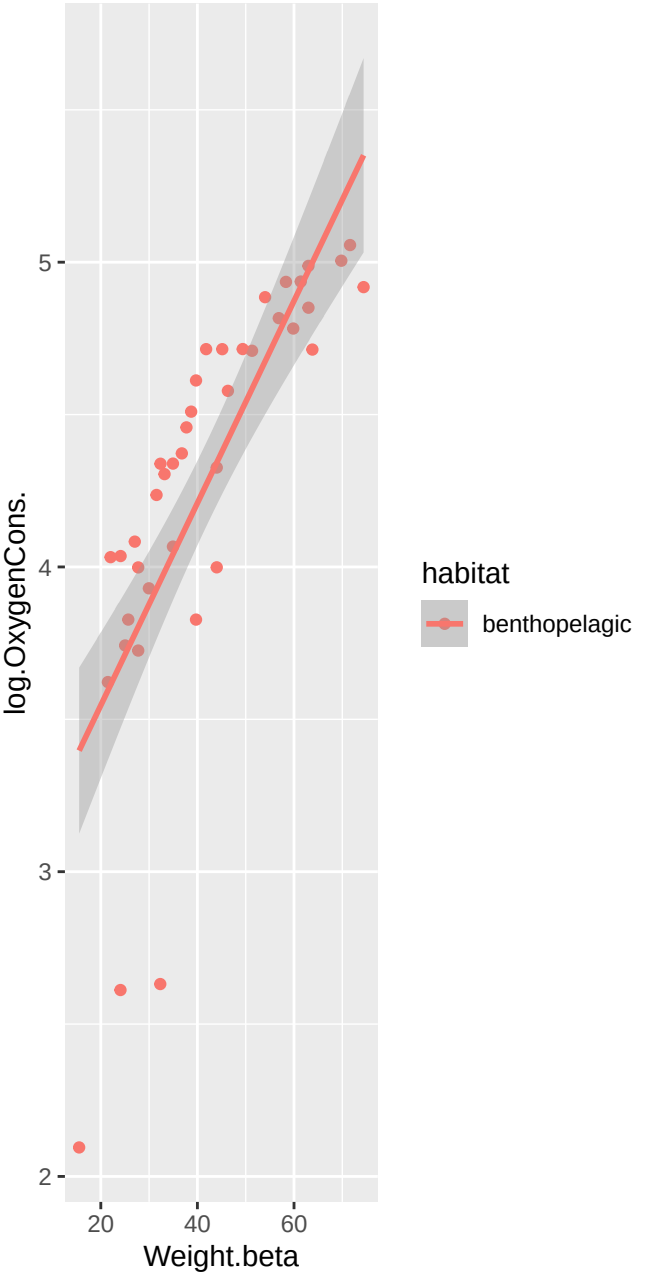
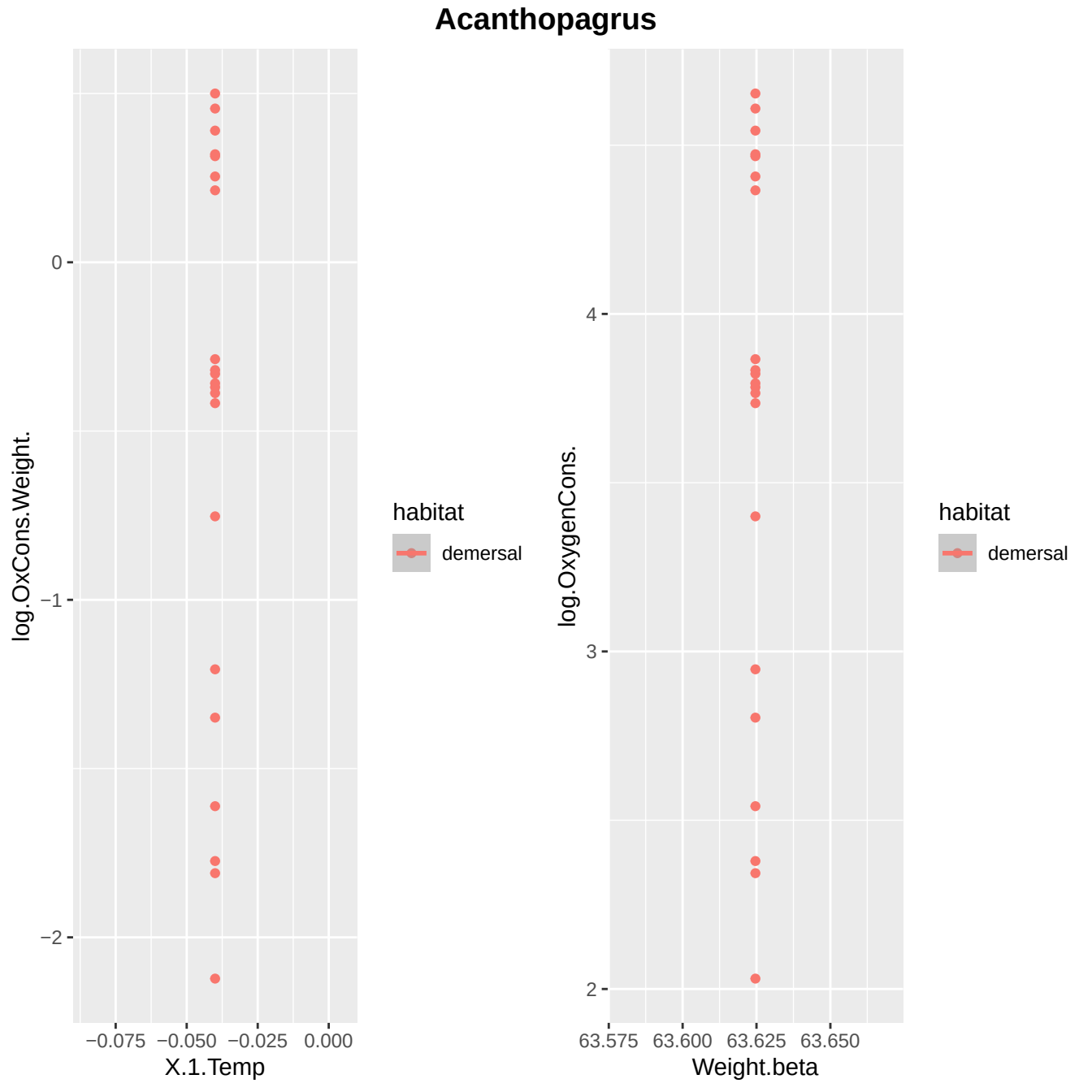
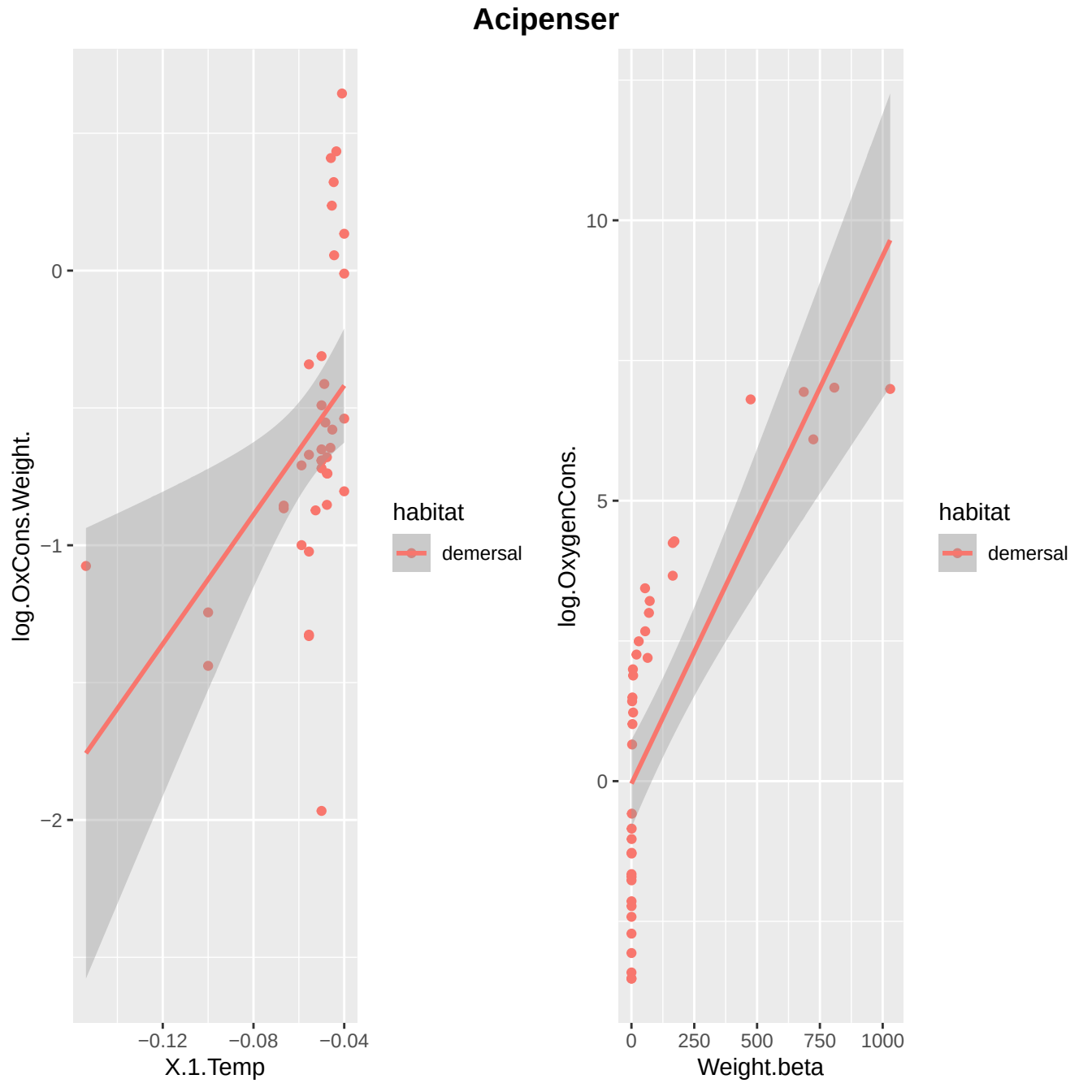
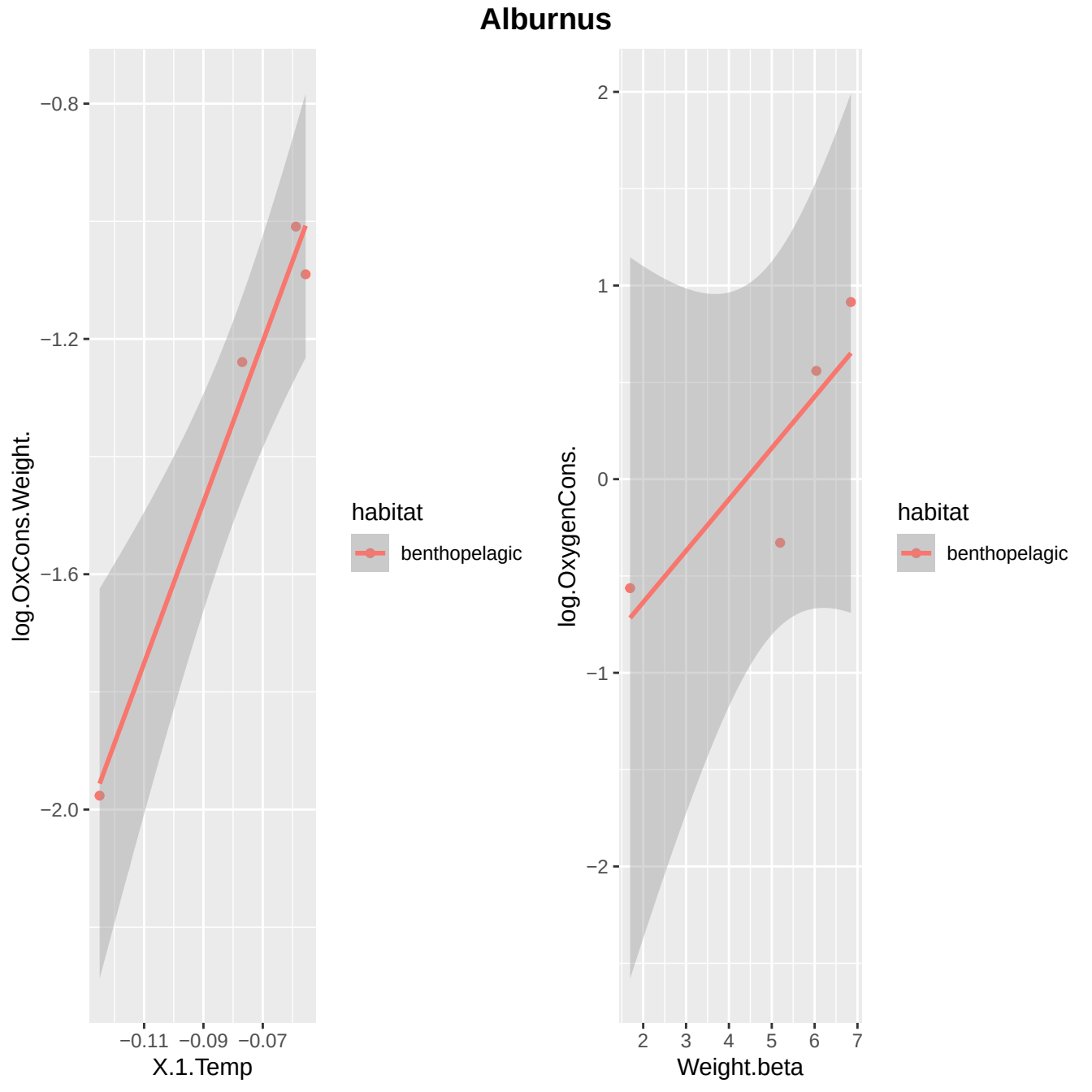
Abramis

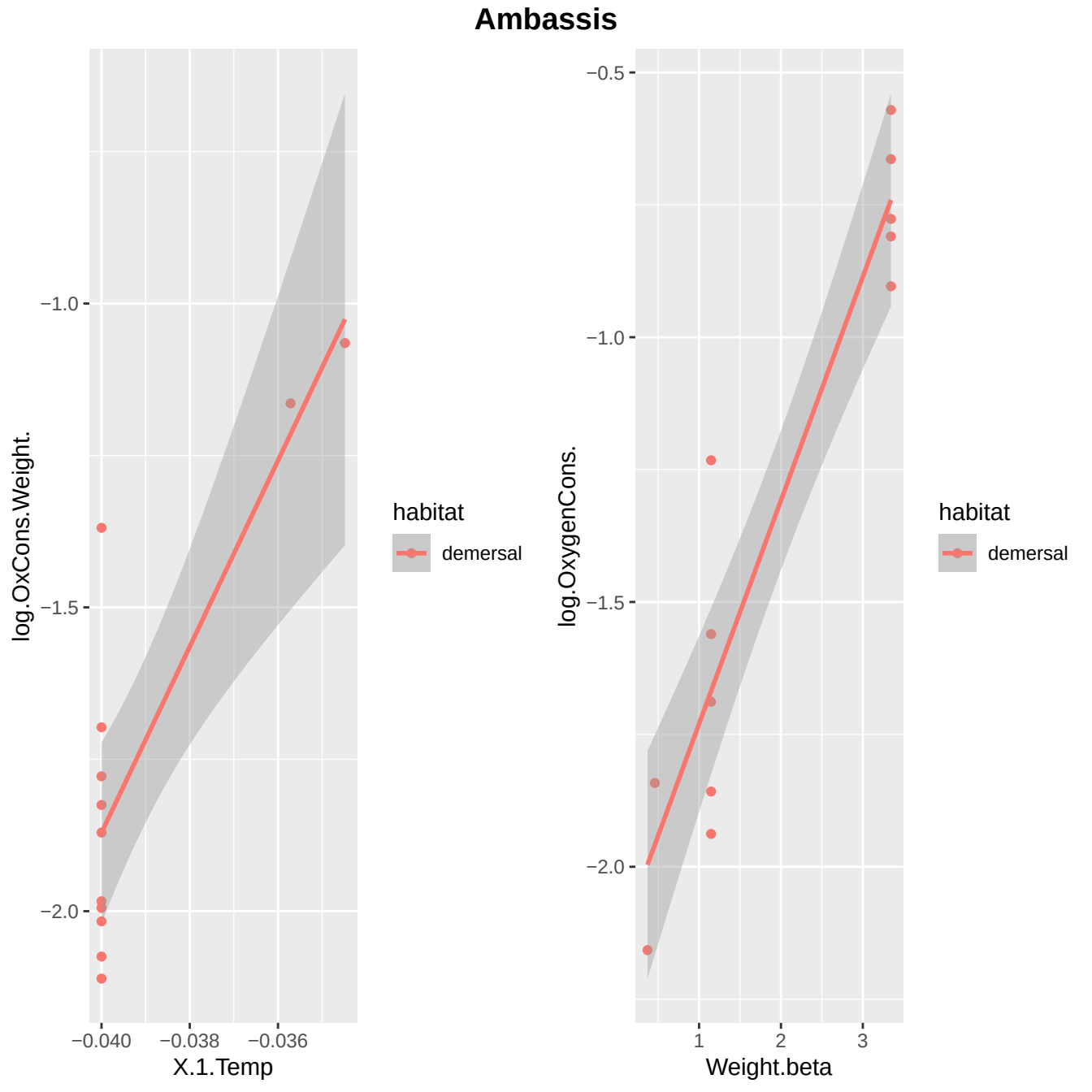

1.0
0.5
0.0
−0.5
−1.0
log.OxCons.Weight.
−0.054
−0.052
−0.050
X.1.Temp
habitat
benthopelagic

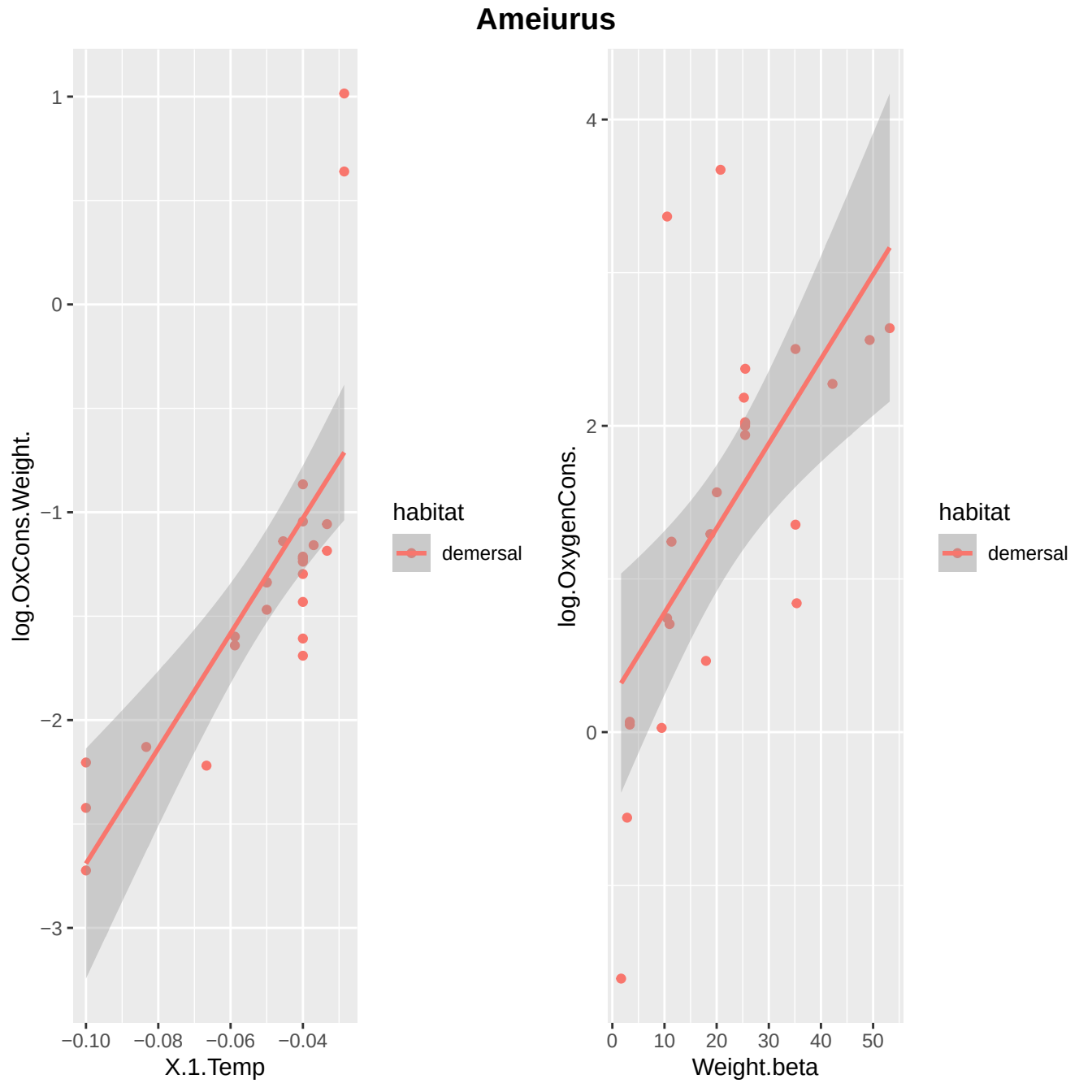

5
4
3
2
log.OxygenCons.
20
40
60
Weight.beta
habitat
benthopelagic

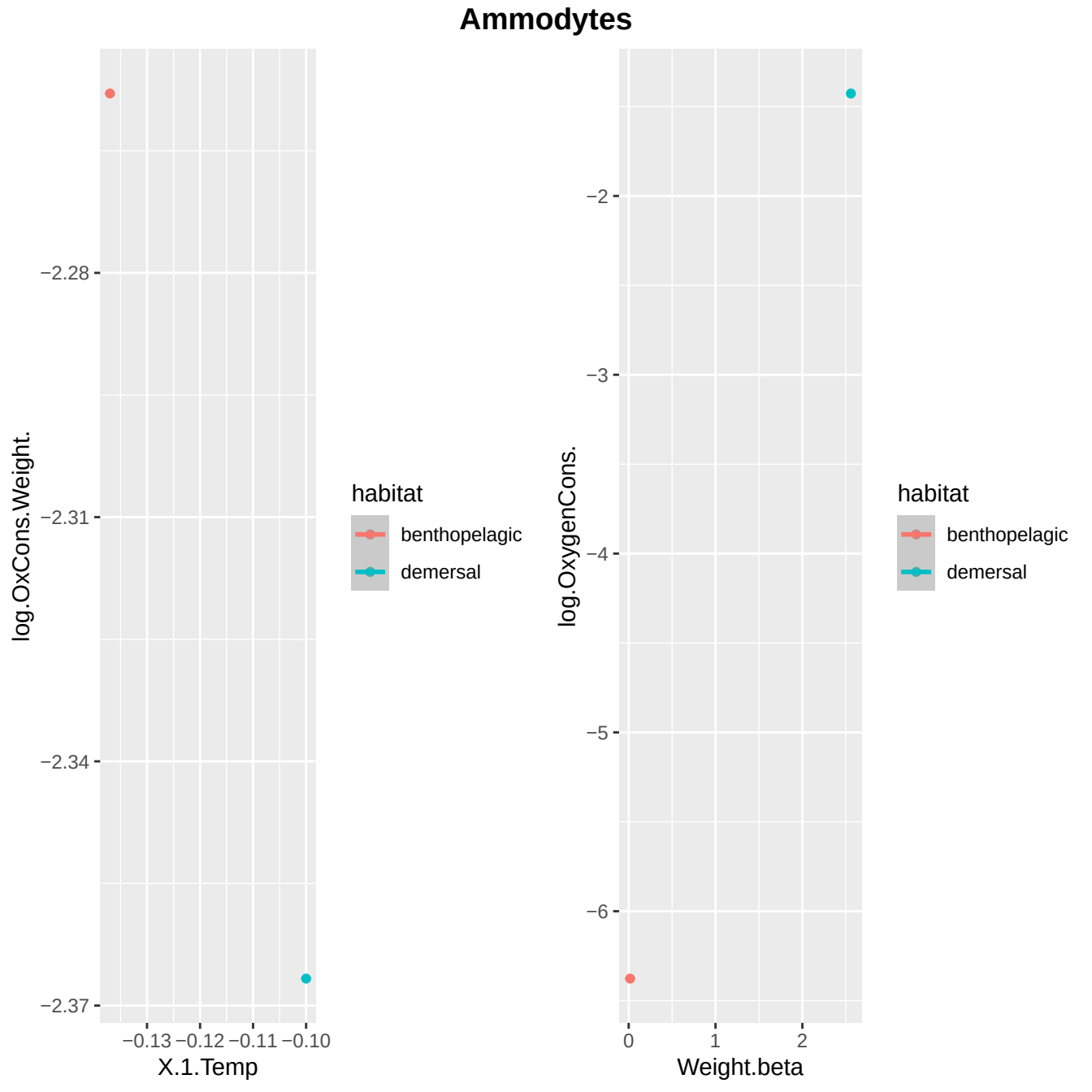

Acanthopagrus
log.OxCons.Weight.
0
−1
−2
−0.075
−0.050
−0.025
0.000
X.1.Temp
habitat
demersal
log.OxygenCons.
4
3
2
63.575
63.600
63.625
63.650
Weight.beta
habitat
demersal


Acipenser
log.OxCons.Weight.
0
−1
−2
−0.12
−0.08
−0.04
X.1.Temp
habitat
demersal
log.OxygenCons.
10
5
0
0
250
500
750
1000
Weight.beta
habitat
demersal

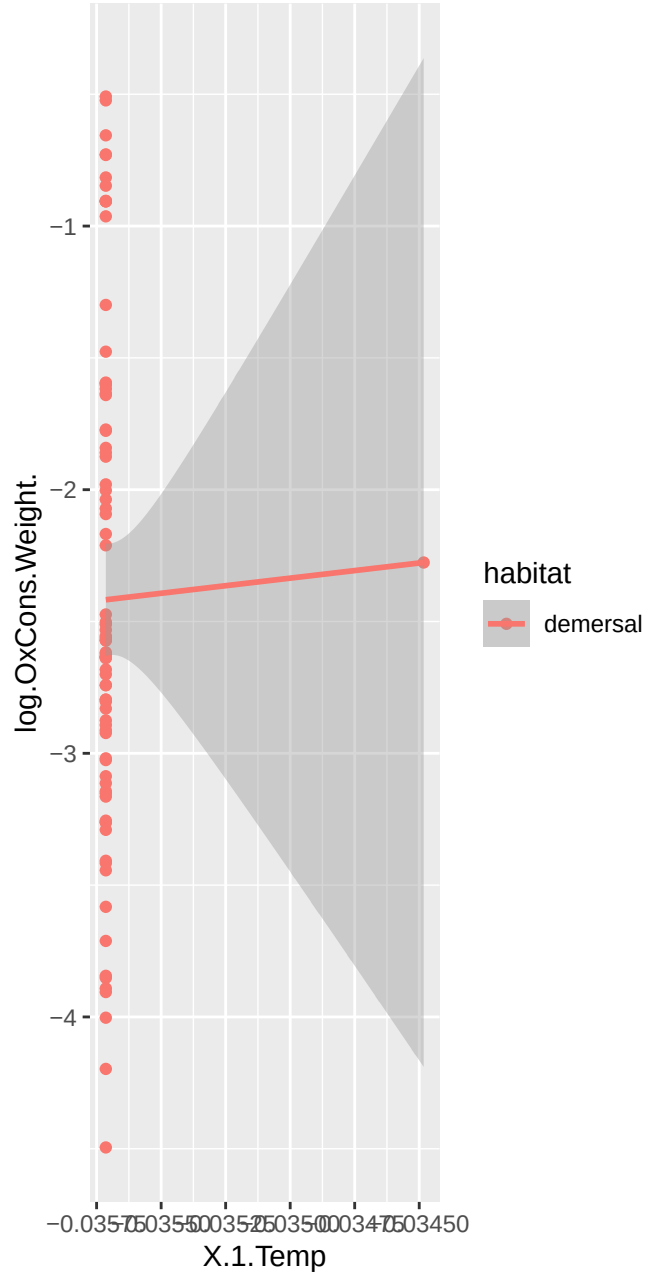

Alburnus
−0.8
−1.2
−1.6
−2.0
log.OxCons.Weight.
−0.11
−0.09
−0.07
X.1.Temp
habitat
benthopelagic
2
1
0
−1
−2
log.OxygenCons.
2
3
4
5
6
7
Weight.beta
habitat
benthopelagic

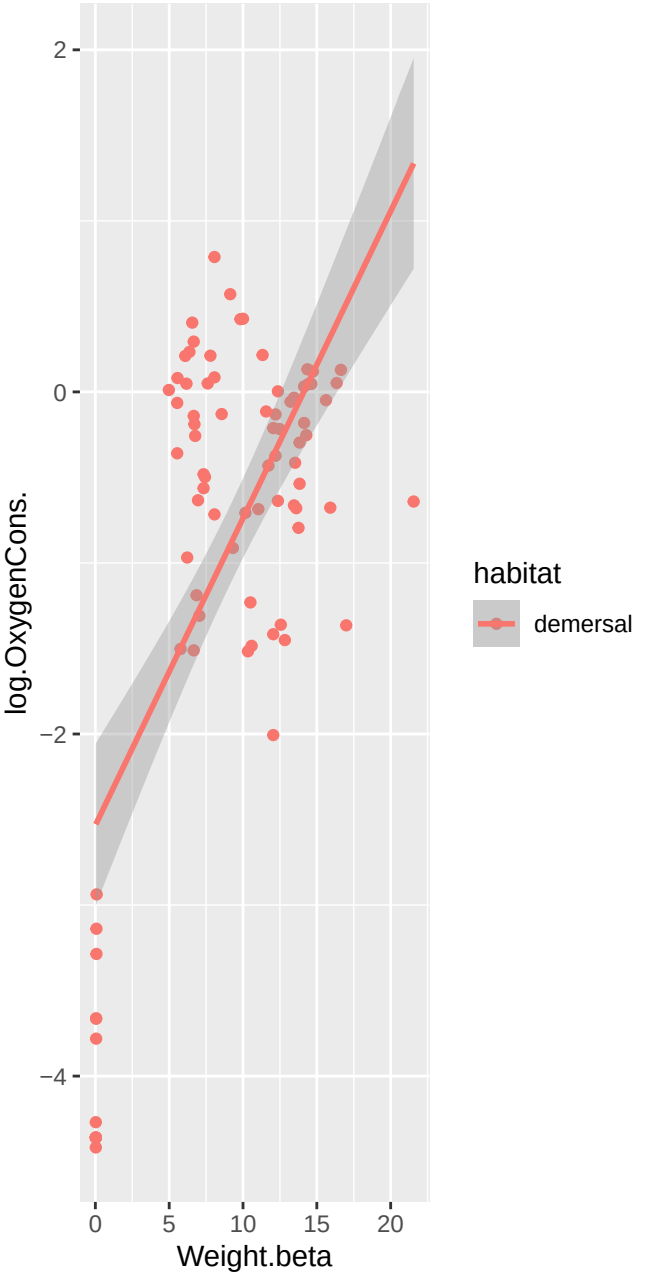

Ambassis
log.OxCons.Weight.
−1.0
−1.5
−2.0
−0.040
−0.038
−0.036
X.1.Temp
habitat
demersal
log.OxygenCons.
−0.5
−1.0
−1.5
−2.0
1
2
3
Weight.beta
habitat
demersal

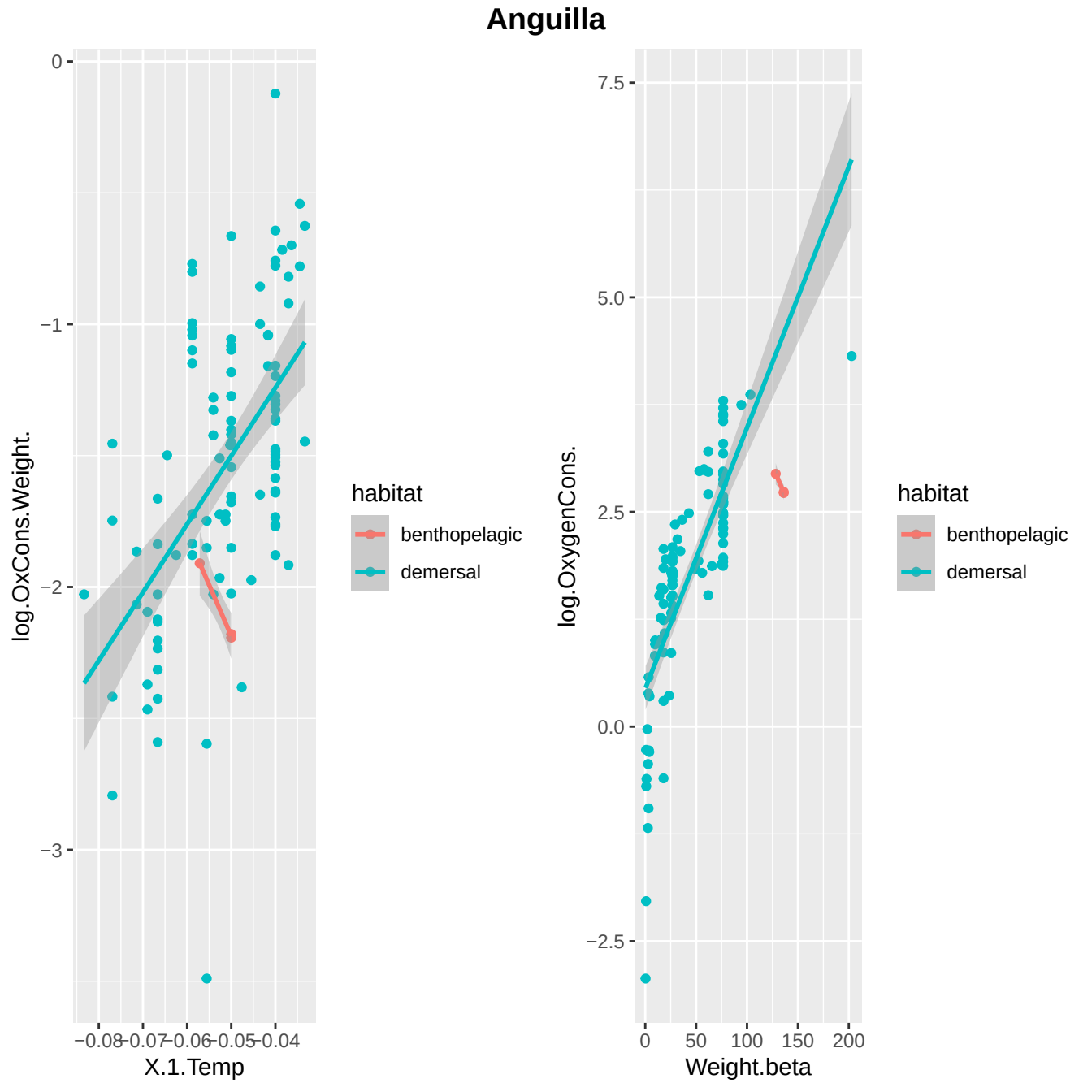

Ameiurus
log.OxCons.Weight.
X.1.Temp
−0.10
−0.08
−0.06
−0.04
1
0
−1
−2
−3
habitat
demersal
log.OxygenCons.
Weight.beta
0
10
20
30
40
50
4
2
0
habitat
demersal

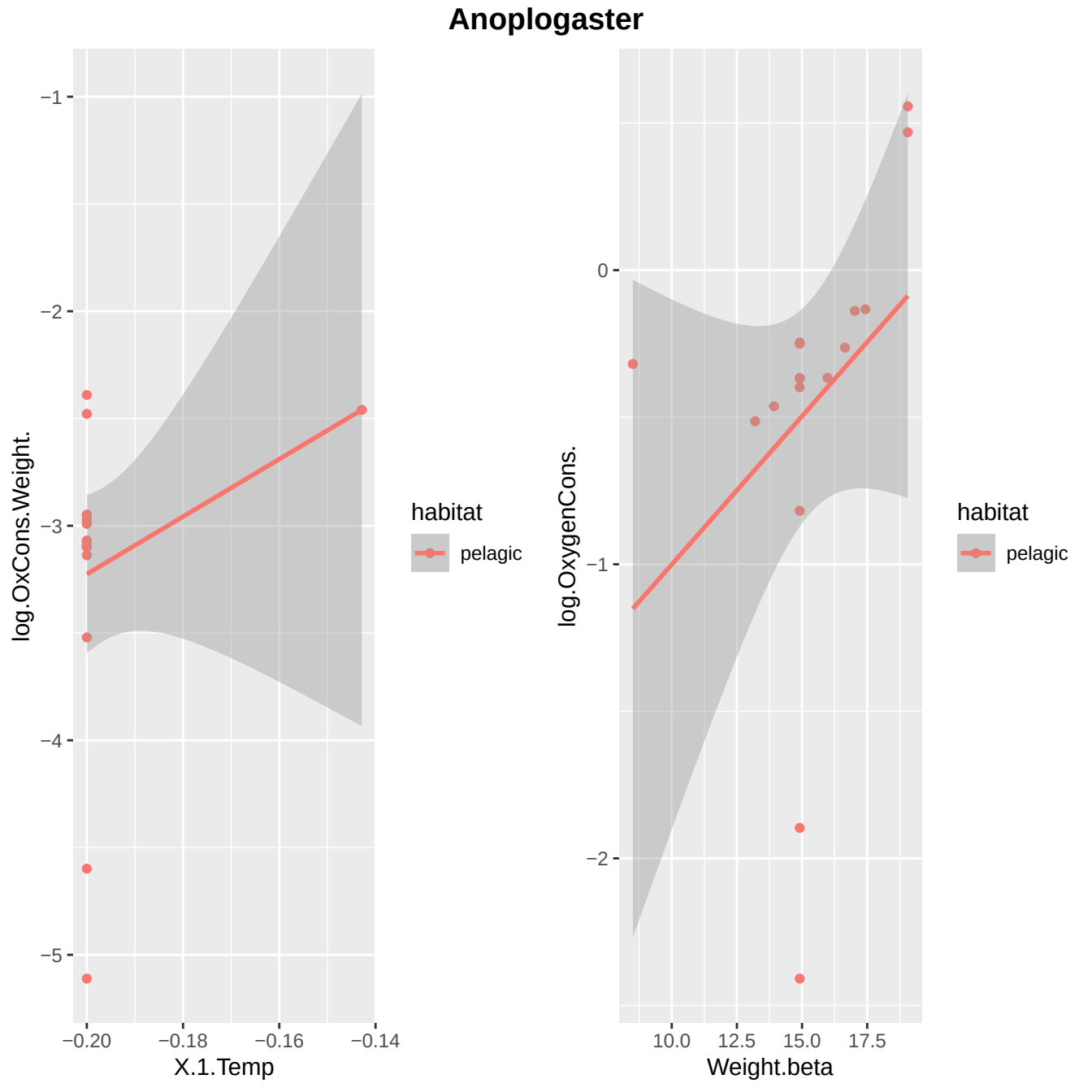

Ammodytes
log.OxCons.Weight.
−2.28
−2.31
−2.34
−2.37
−0.13
−0.12
−0.11
−0.10
X.1.Temp
habitat
benthopelagic
demersal
log.OxygenCons.
−2
−3
−4
−5
−6
0
1
2
Weight.beta
habitat
benthopelagic
demersal

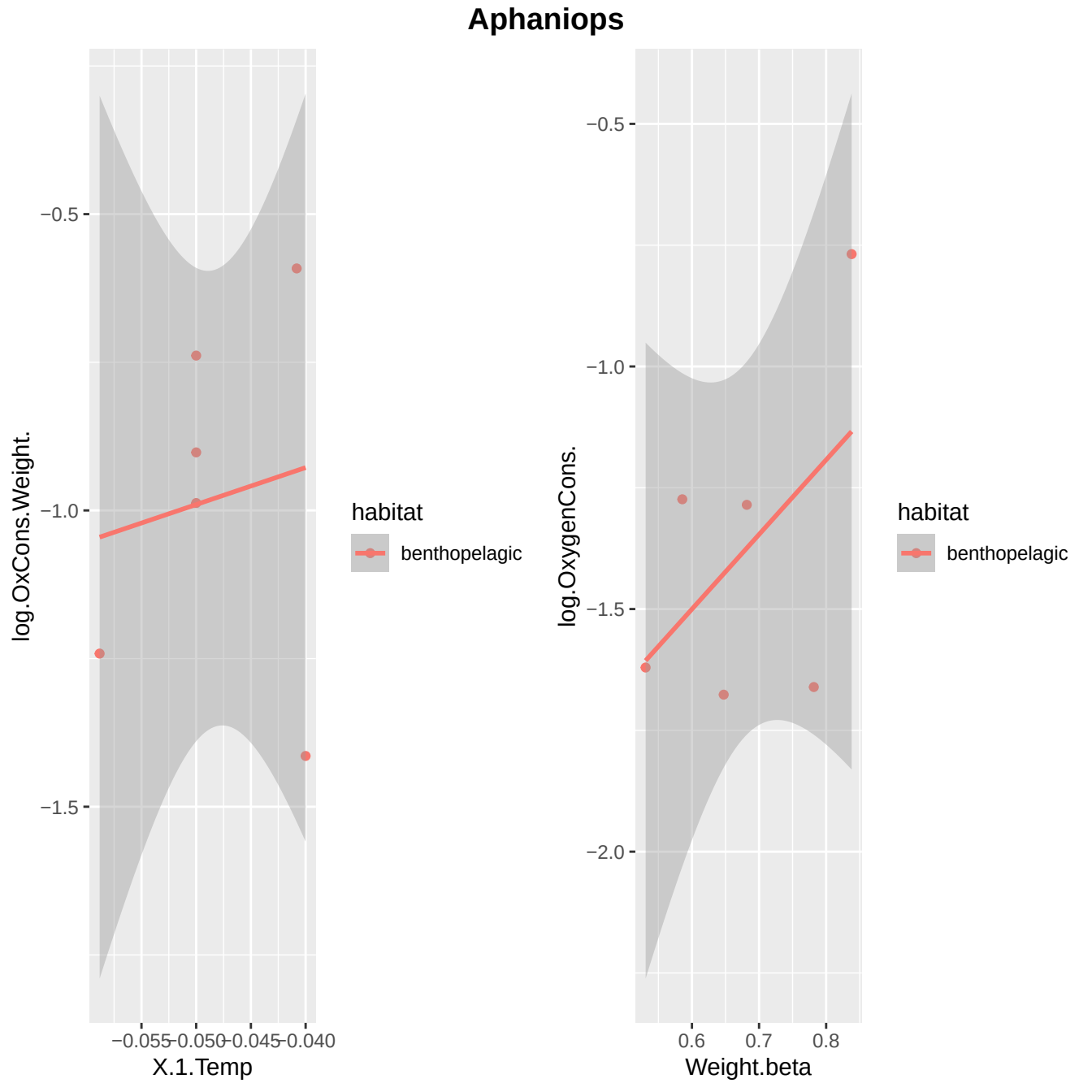
Anabas

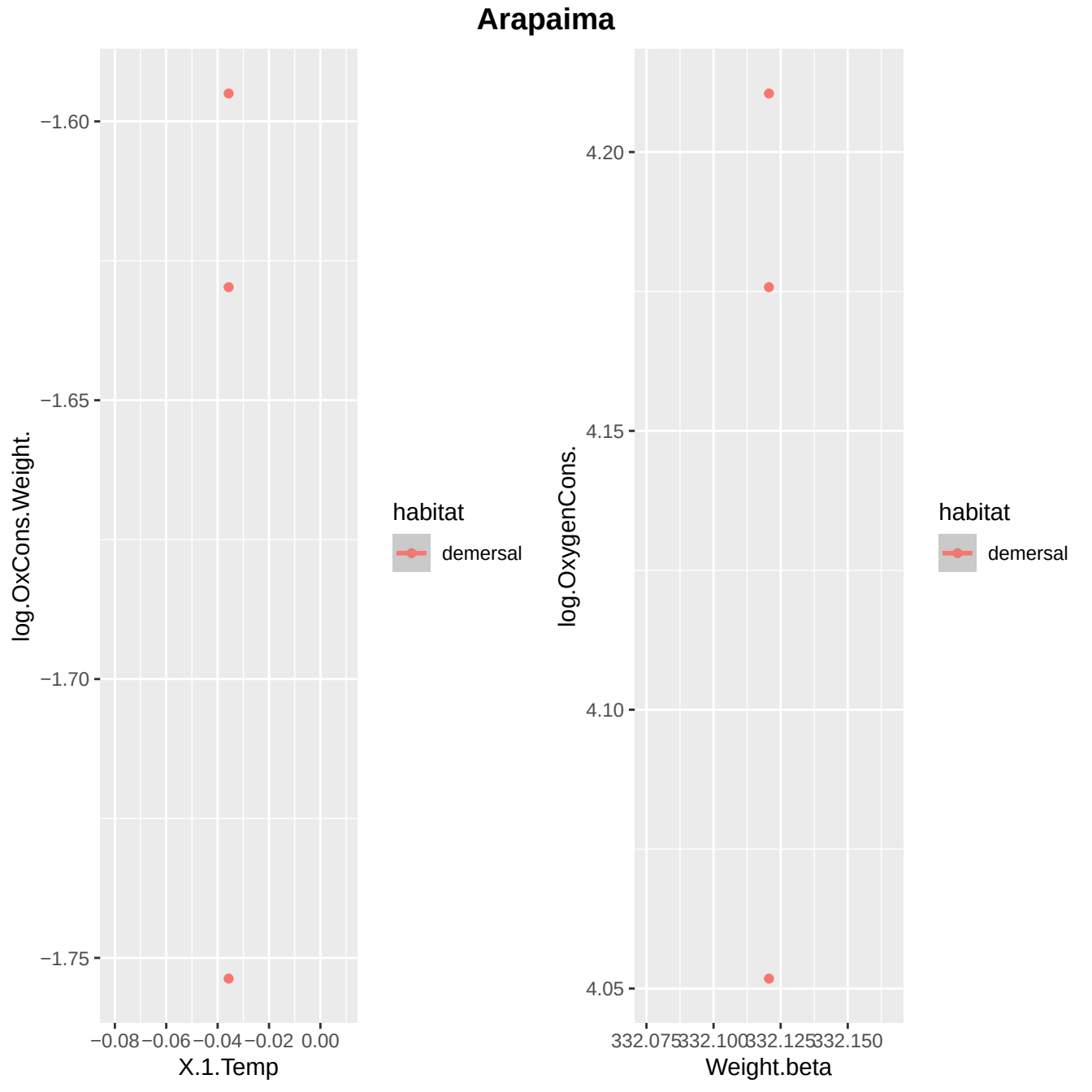

log.OxCons.Weight.
−1
−2
−3
−4
X.1.Temp
habitat
demersal

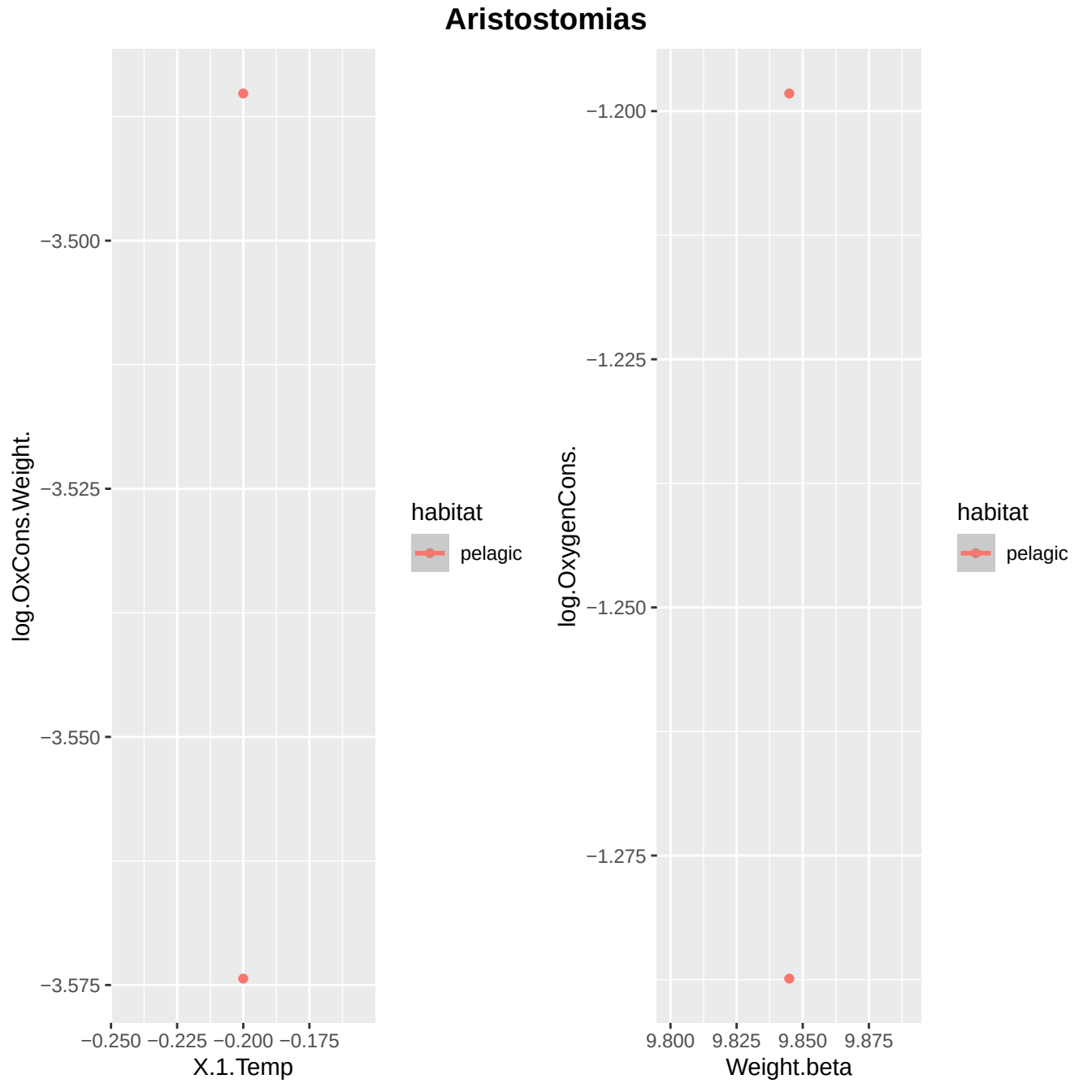

log.OxygenCons.
2
0
−2
−4
0
5
10
15
20
Weight.beta
habitat
demersal

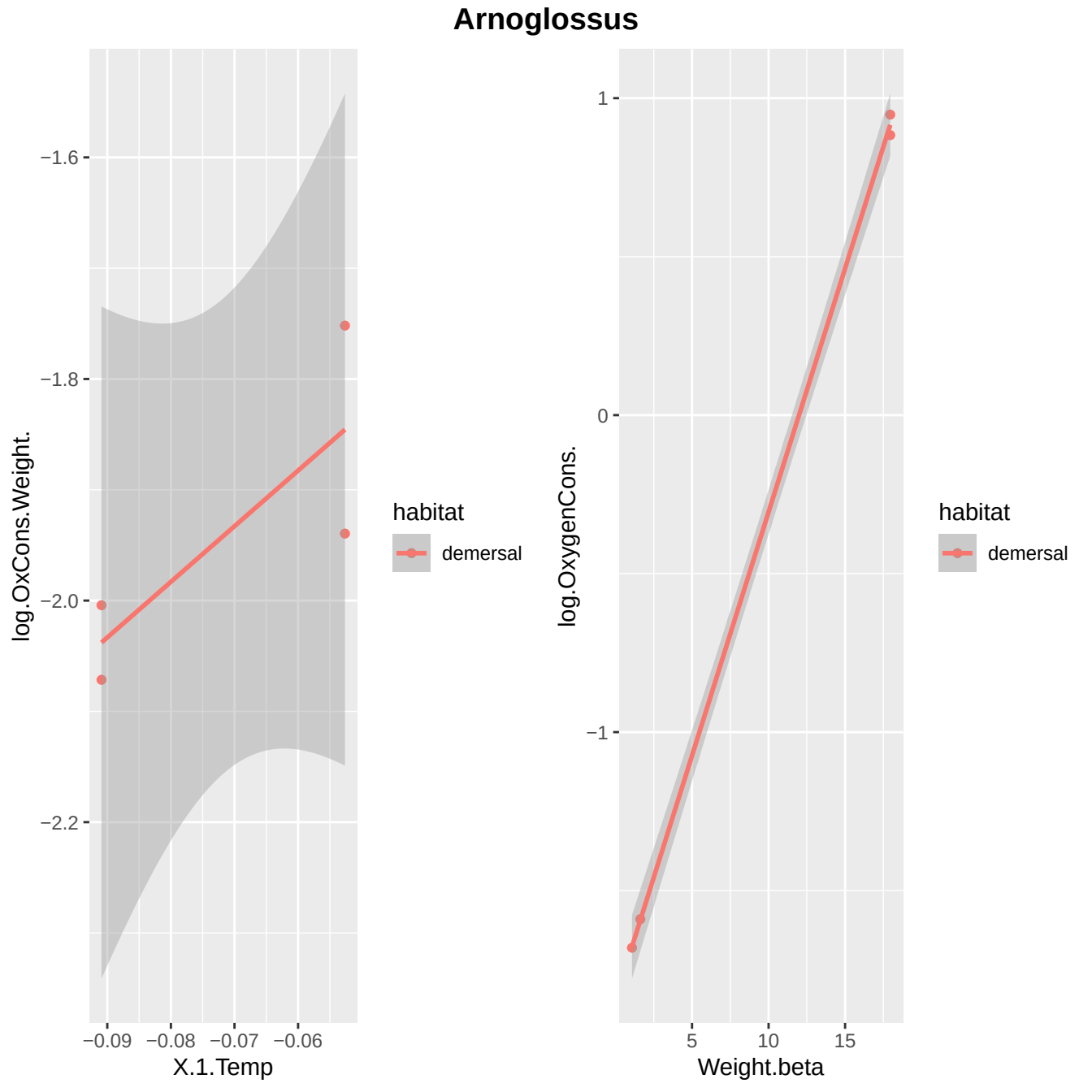

Anguilla
log.OxCons.Weight.
X.1.Temp
0
−1
−2
−3
−0.08
−0.07
−0.06
−0.05
−0.04
habitat
benthopelagic
demersal
log.OxygenCons.
Weight.beta
7.5
5.0
2.5
0.0
−2.5
0
50
100
150
200
habitat
benthopelagic
demersal

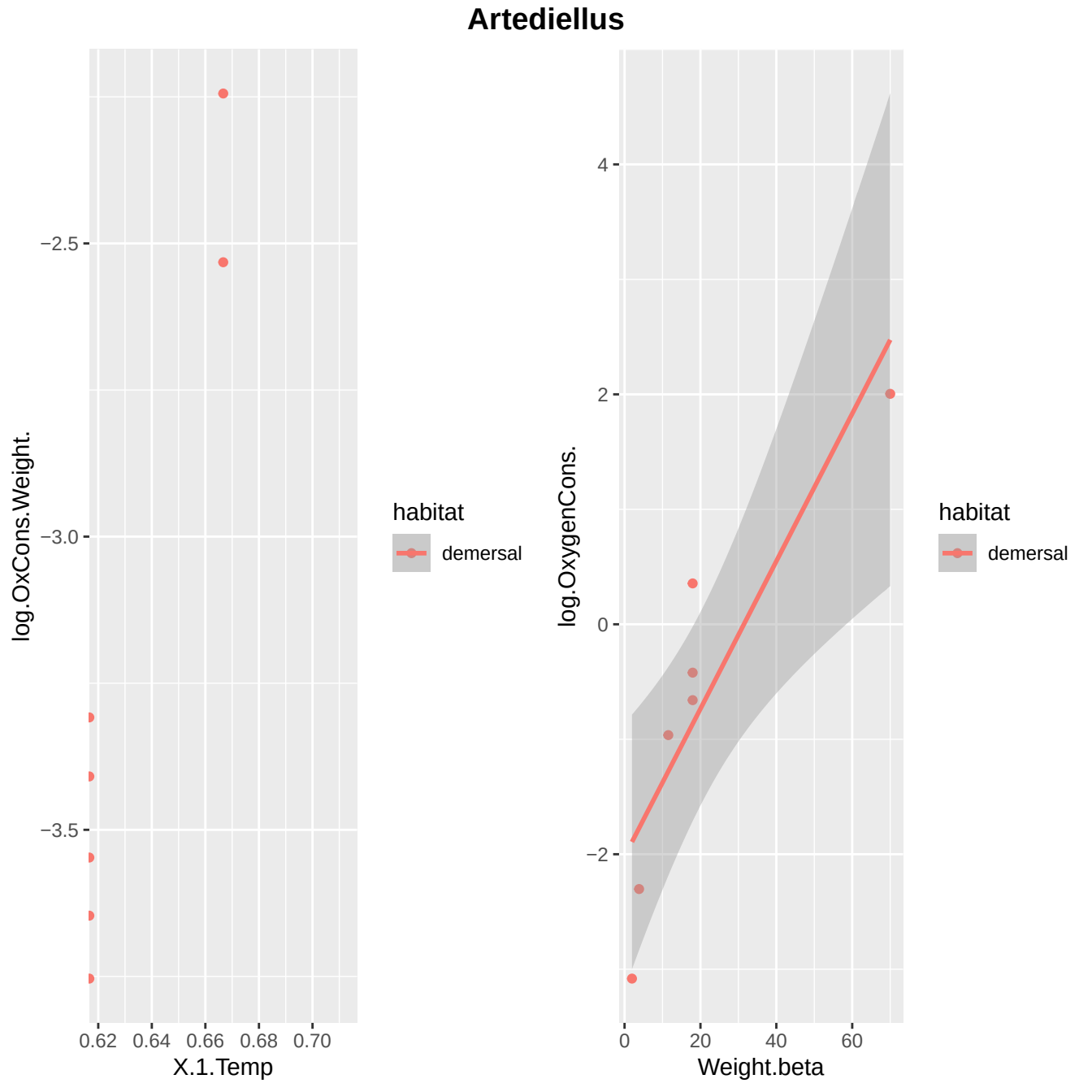

Anoplogaster
log.OxCons.Weight.
−1
−2
−3
−4
−5
−0.20
−0.18
−0.16
−0.14
X.1.Temp
habitat
pelagic
log.OxygenCons.
0
−1
−2
10.0
12.5
15.0
17.5
Weight.beta
habitat
pelagic

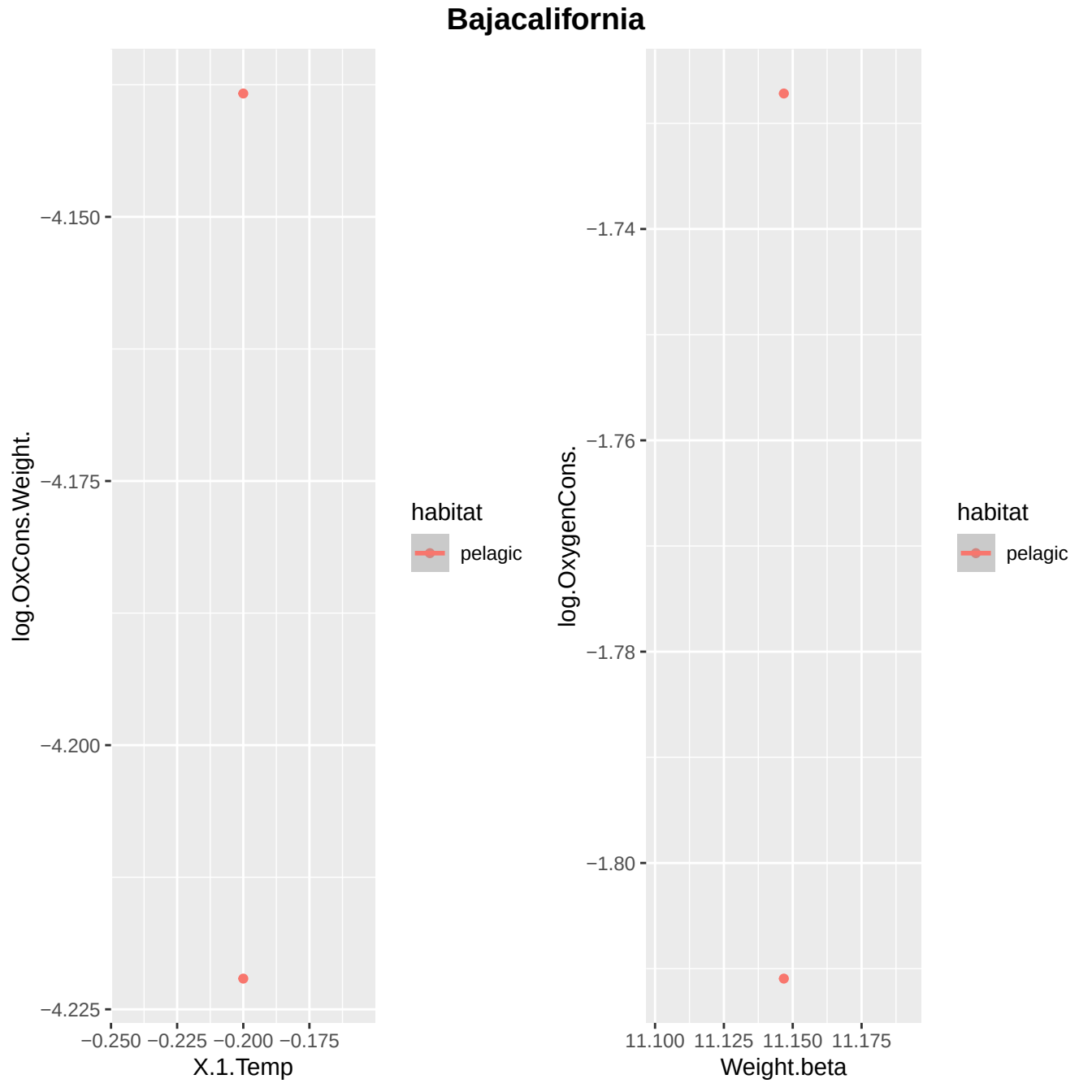

Aphaniops
log.OxCons.Weight.
−0.5
−1.0
−1.5
−0.055
−0.050
−0.045
−0.040
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
−0.5
−1.0
−1.5
−2.0
0.6
0.7
0.8
Weight.beta
habitat
benthopelagic


Arapaima
log.OxCons.Weight.
−1.60
−1.65
−1.70
−1.75
−0.08
−0.06
−0.04
−0.02
0.00
X.1.Temp
habitat
demersal
log.OxygenCons.
4.20
4.15
4.10
4.05
332.075
332.100
332.125
332.150
Weight.beta
habitat
demersal

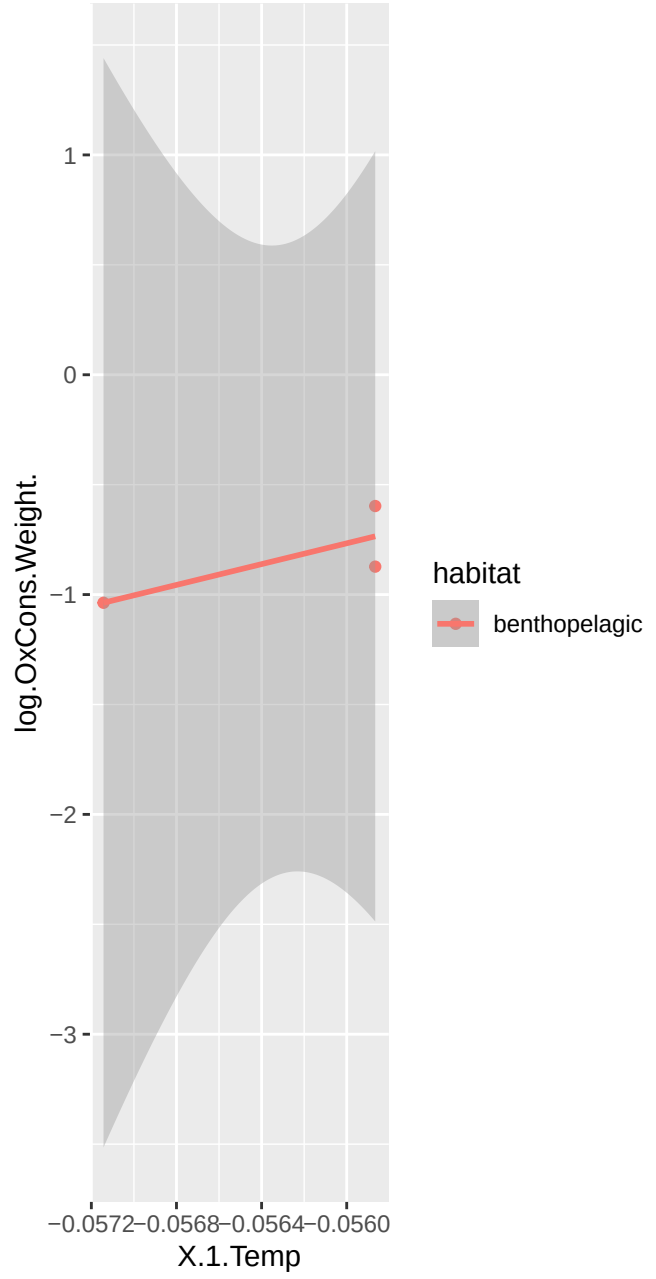

Aristostomias
log.OxCons.Weight.
−3.500
−3.525
−3.550
−3.575
−0.250 −0.225 −0.200 −0.175
X.1.Temp
habitat
pelagic
log.OxygenCons.
−1.200
−1.225
−1.250
−1.275
9.800 9.825 9.850 9.875
Weight.beta
habitat
pelagic

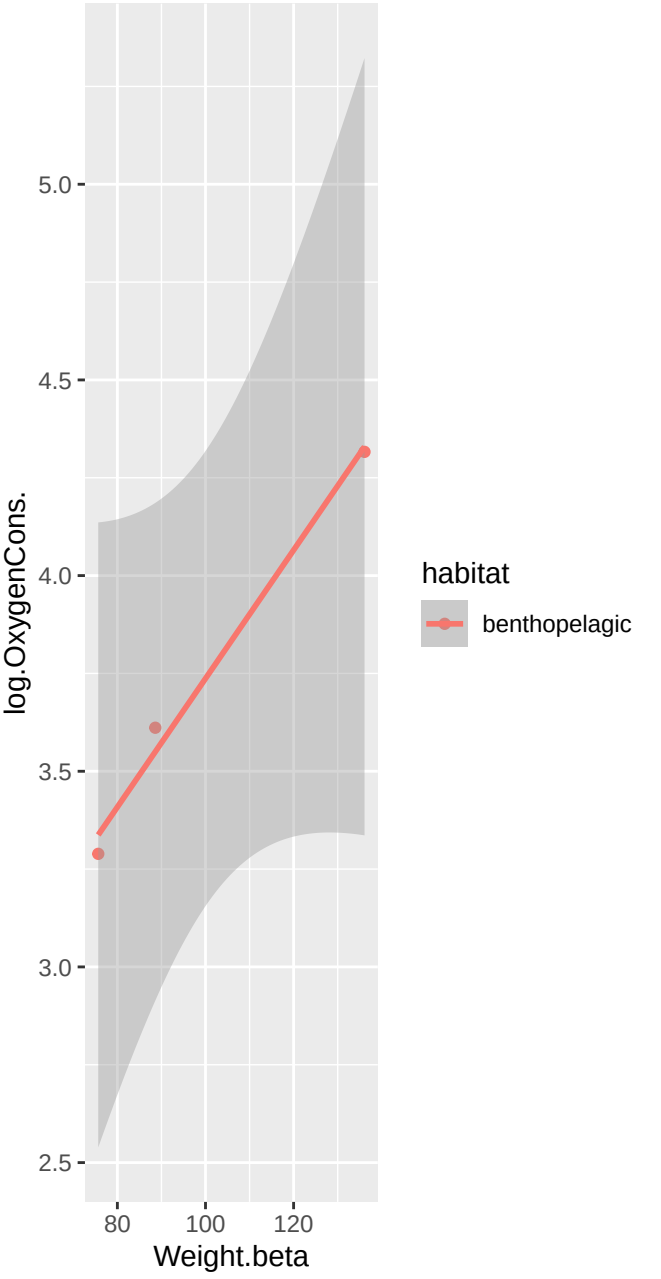

Arnoglossus
log.OxCons.Weight.
−1.6
−1.8
−2.0
−2.2
−0.09
−0.08
−0.07
−0.06
X.1.Temp
habitat
demersal
log.OxygenCons.
1
0
−1
5
10
15
Weight.beta
habitat
demersal

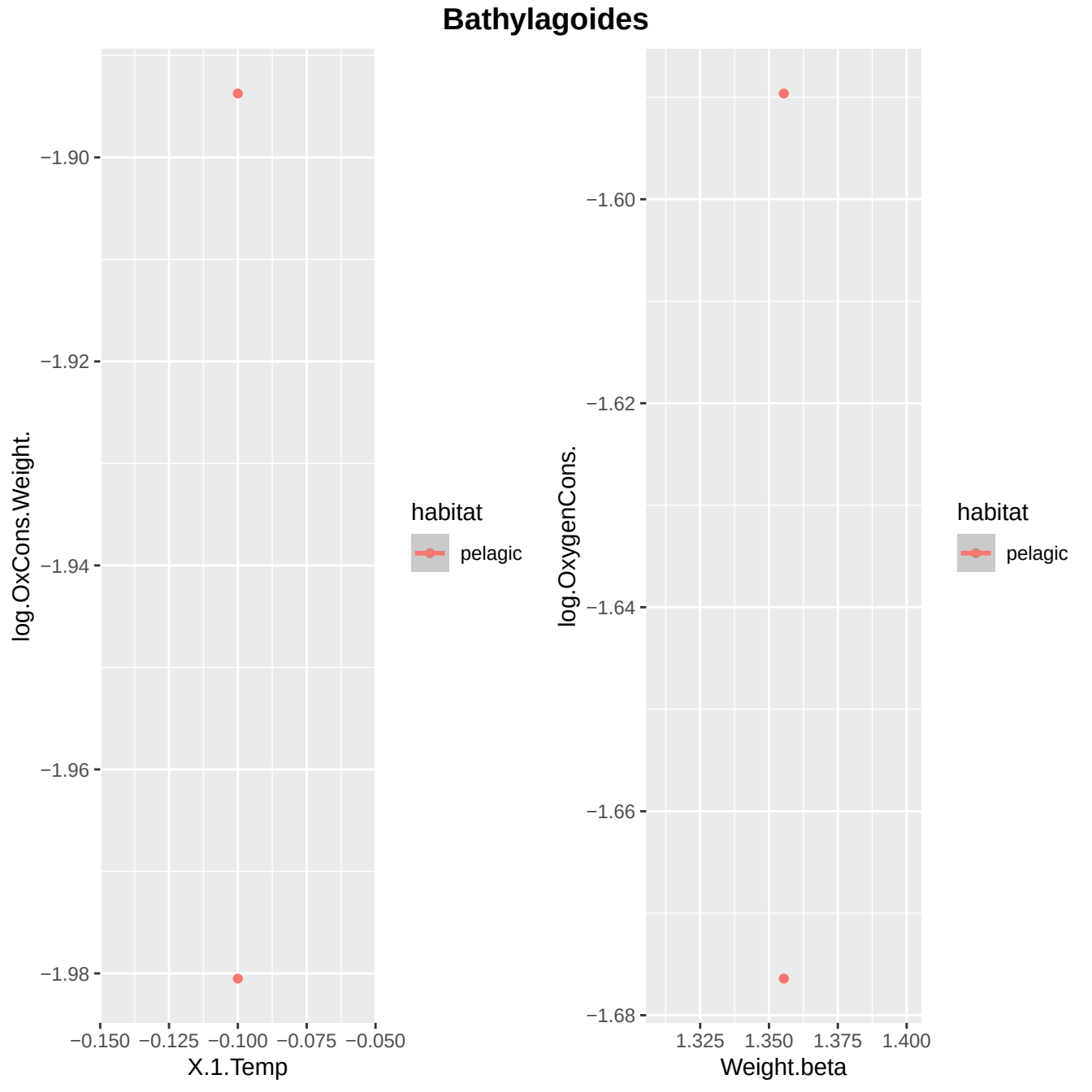

Artediellus
log.OxCons.Weight.
−2.5
−3.0
−3.5
0.62
0.64
0.66
0.68
0.70
X.1.Temp
habitat
demersal
log.OxygenCons.
4
2
0
−2
0
20
40
60
Weight.beta
habitat
demersal

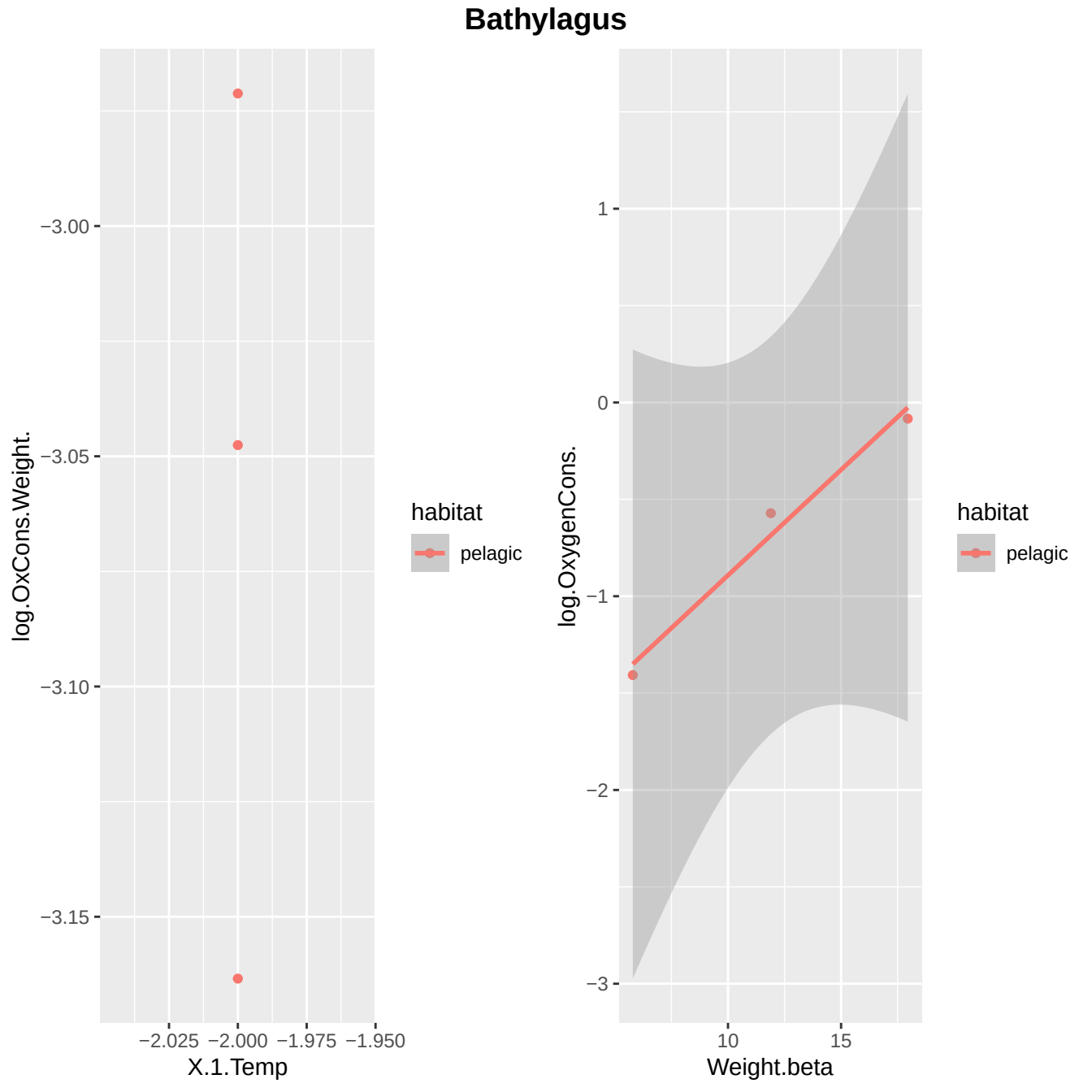

Bajacalifornia
log.OxCons.Weight.
−4.150
−4.175
−4.200
−4.225
−0.250 −0.225 −0.200 −0.175
X.1.Temp
habitat
pelagic
log.OxygenCons.
−1.74
−1.76
−1.78
−1.80
11.100 11.125 11.150 11.175
Weight.beta
habitat
pelagic

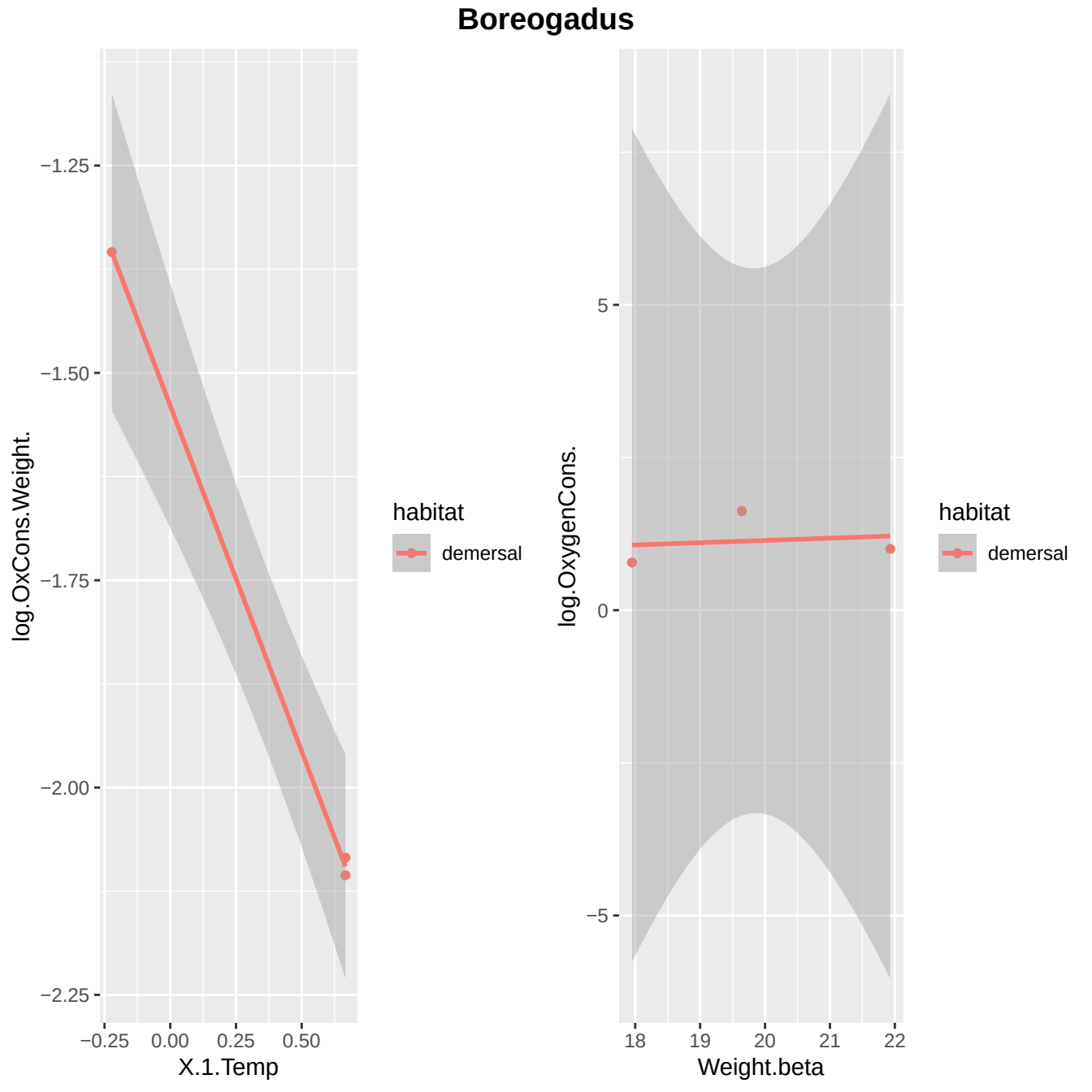
Balistes

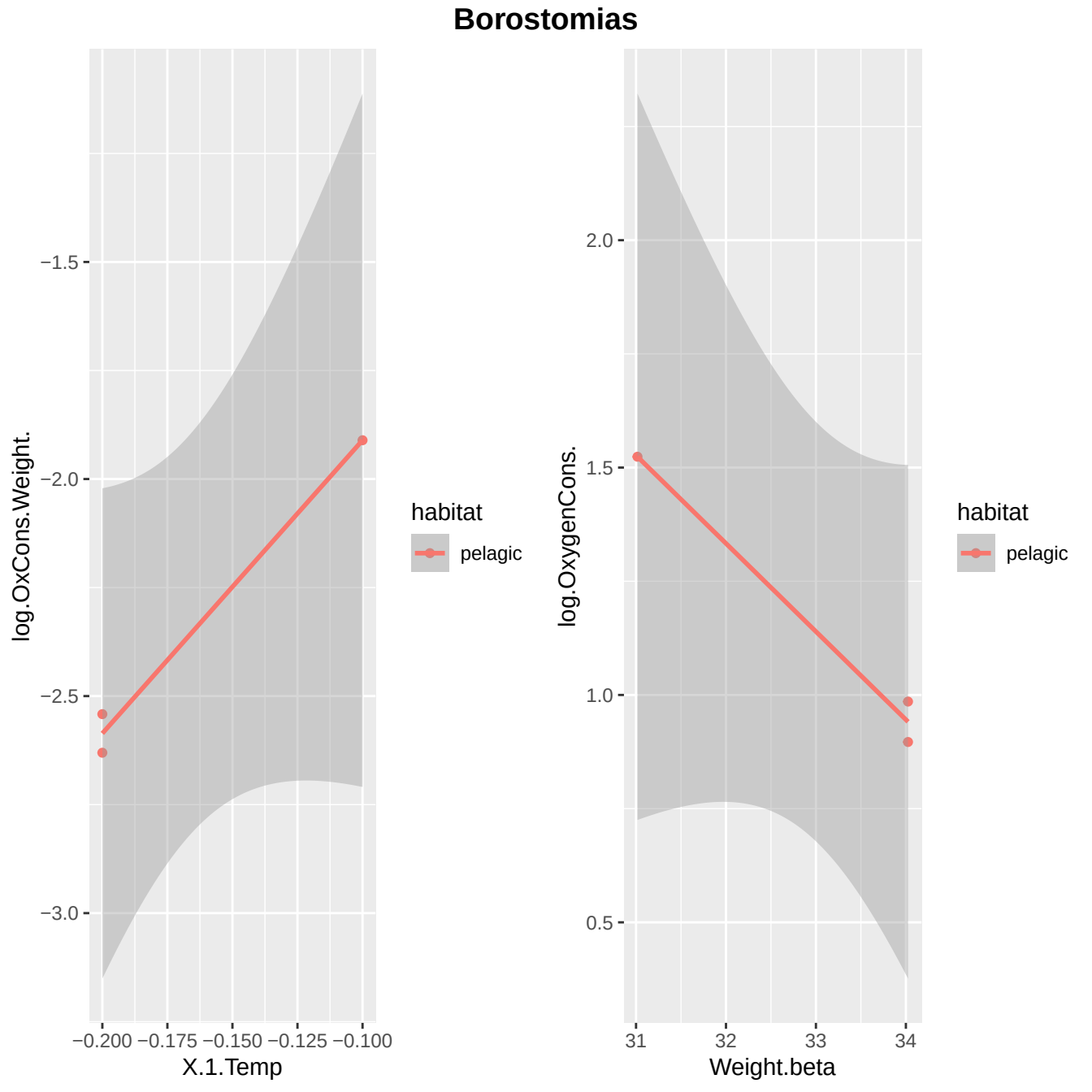

1
0
−1
−2
−3
log.OxCons.Weight.
−0.0572
−0.0568
−0.0564
−0.0560
X.1.Temp
habitat
benthopelagic

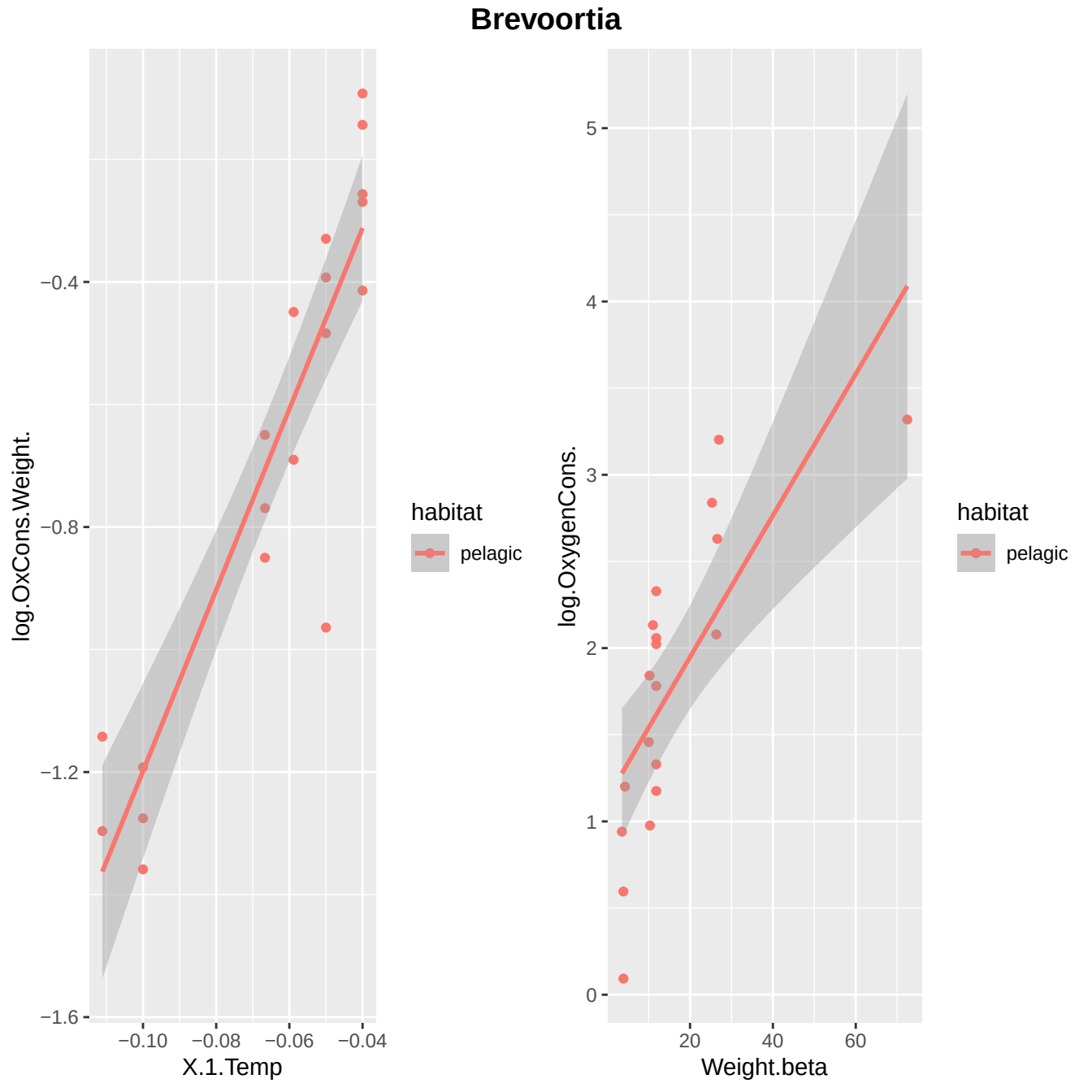

5.0
4.5
4.0
3.5
3.0
2.5
log.OxygenCons.
80
100
120
Weight.beta
habitat
benthopelagic

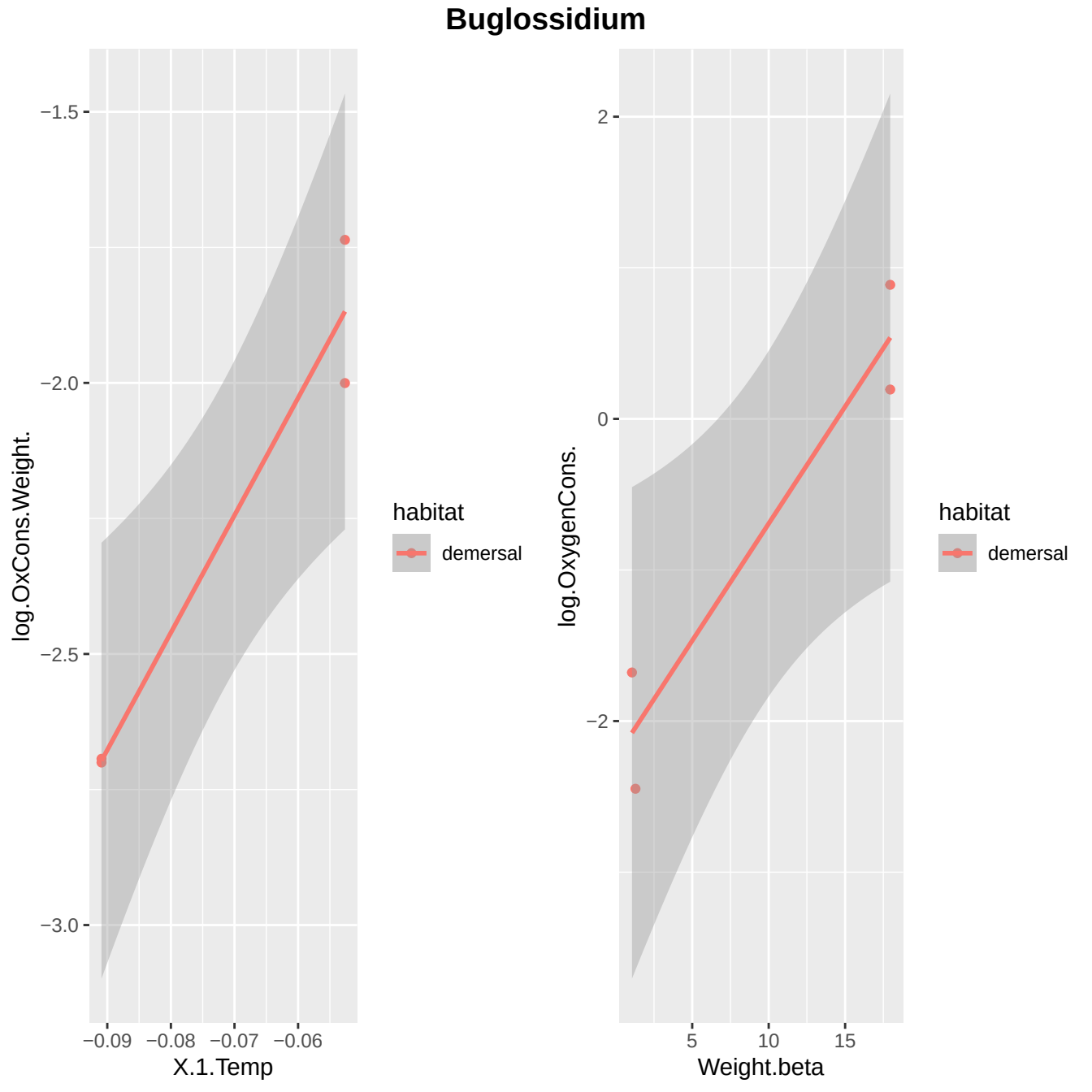

Bathylagoides
log.OxCons.Weight.
−1.90
−1.92
−1.94
−1.96
−1.98
−0.150
−0.125
−0.100
−0.075
−0.050
X.1.Temp
habitat
pelagic
log.OxygenCons.
−1.60
−1.62
−1.64
−1.66
−1.68
1.325
1.350
1.375
1.400
Weight.beta
habitat
pelagic

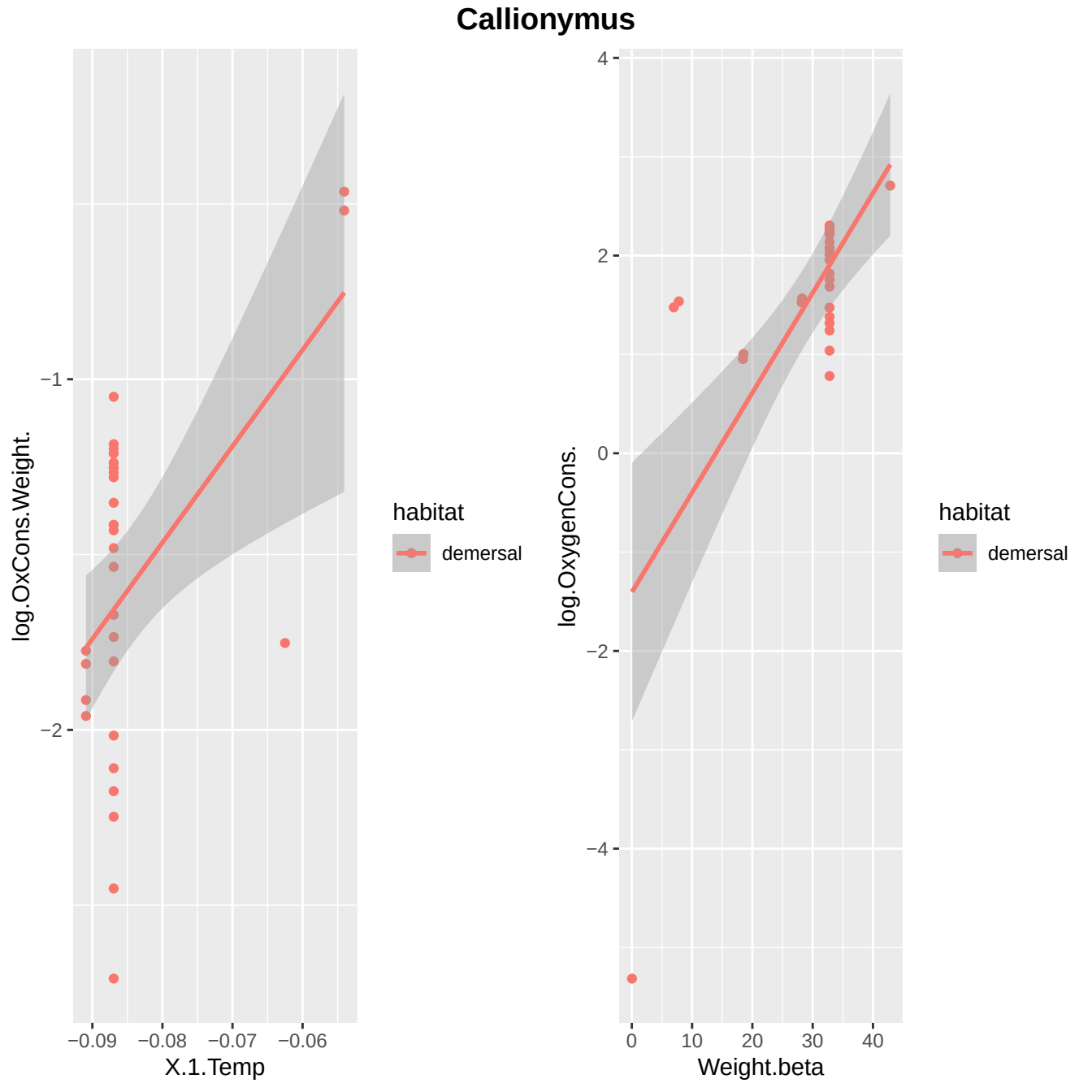

Bathylagus
log.OxCons.Weight.
−3.00
−3.05
−3.10
−3.15
−2.025
−2.000
−1.975
−1.950
X.1.Temp
habitat
pelagic
log.OxygenCons.
1
0
−1
−2
−3
10
15
Weight.beta
habitat
pelagic

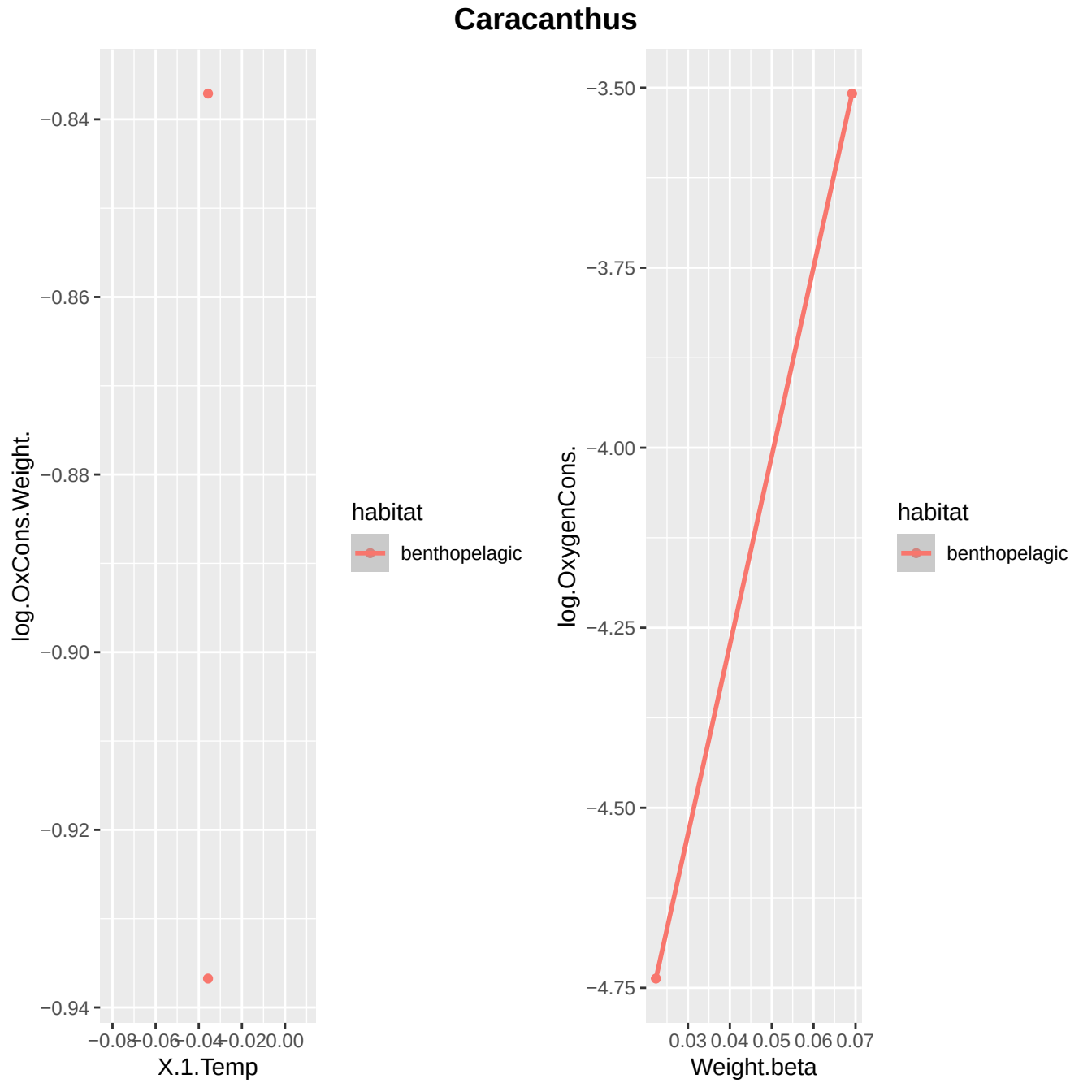

Boreogadus
log.OxCons.Weight.
−1.25
−1.50
−1.75
−2.00
−2.25
−0.25
0.00
0.25
0.50
X.1.Temp
habitat
demersal
log.OxygenCons.
5
0
−5
18
19
20
21
22
Weight.beta
habitat
demersal

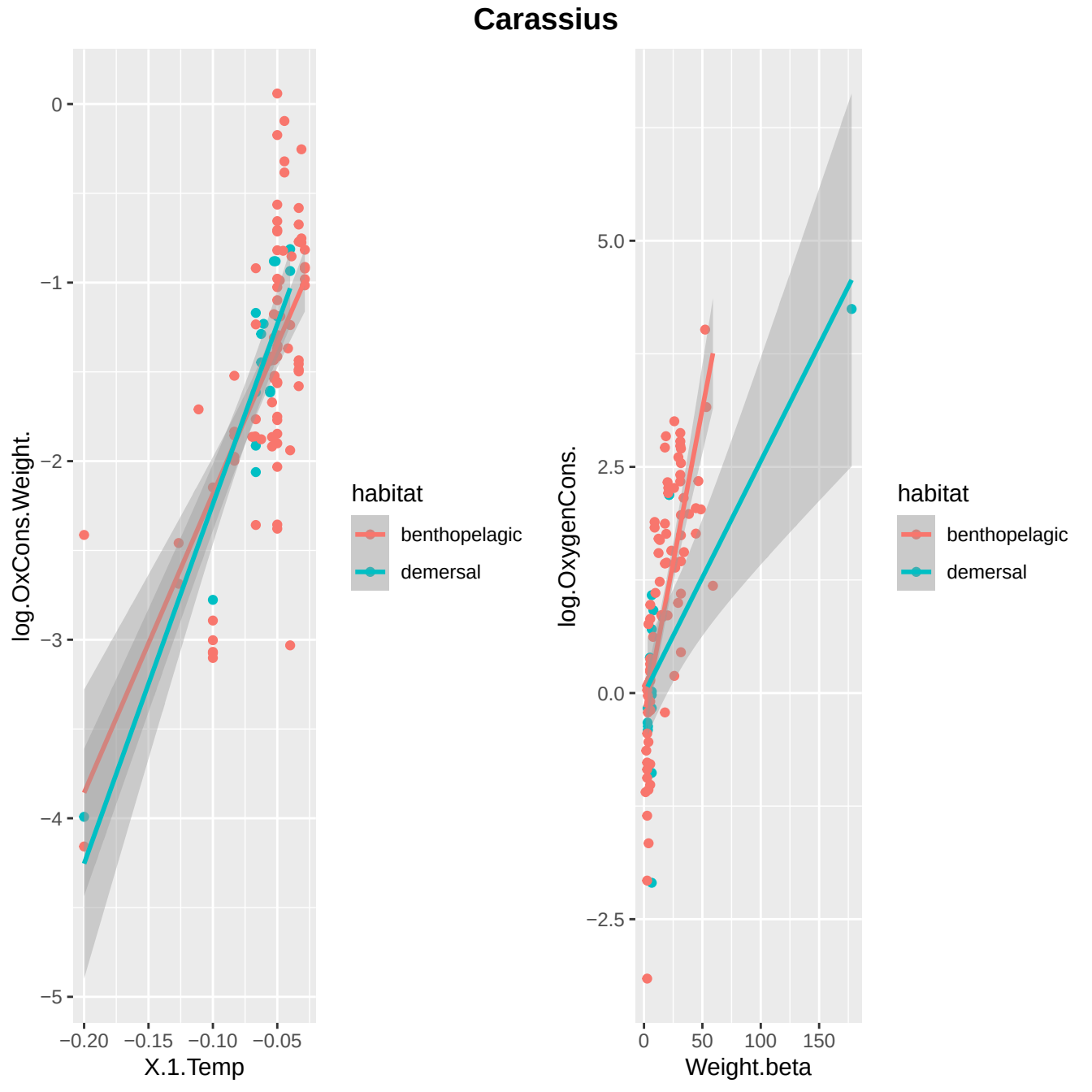

Borostomias
log.OxCons.Weight.
−1.5
−2.0
−2.5
−3.0
−0.200 −0.175 −0.150 −0.125 −0.100
X.1.Temp
habitat
pelagic
log.OxygenCons.
2.0
1.5
1.0
0.5
31
32
33
34
Weight.beta
habitat
pelagic

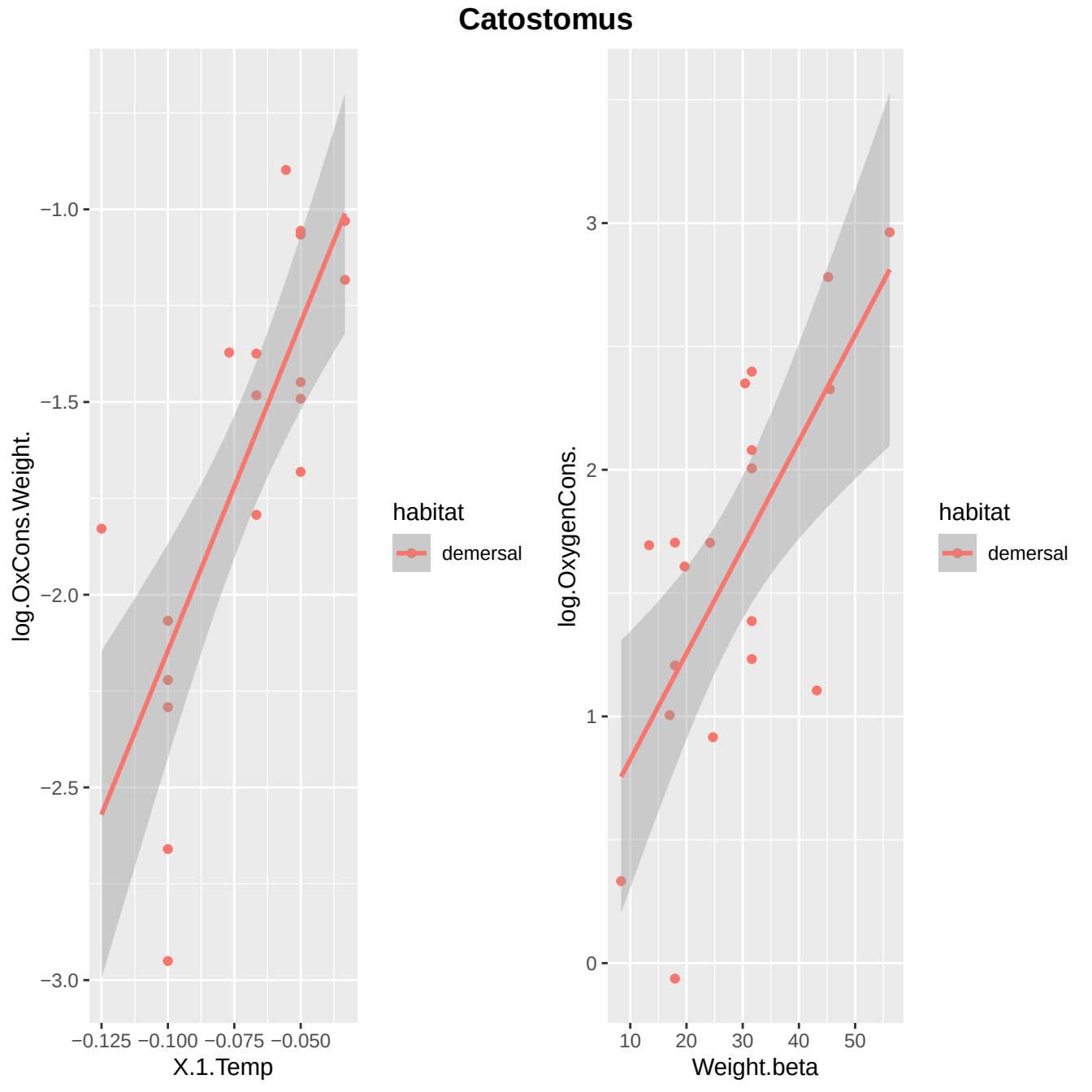

Brevoortia
log.OxCons.Weight.
−0.4
−0.8
−1.2
−1.6
−0.10
−0.08
−0.06
−0.04
X.1.Temp
habitat
pelagic
log.OxygenCons.
5
4
3
2
1
0
20
40
60
Weight.beta
habitat
pelagic

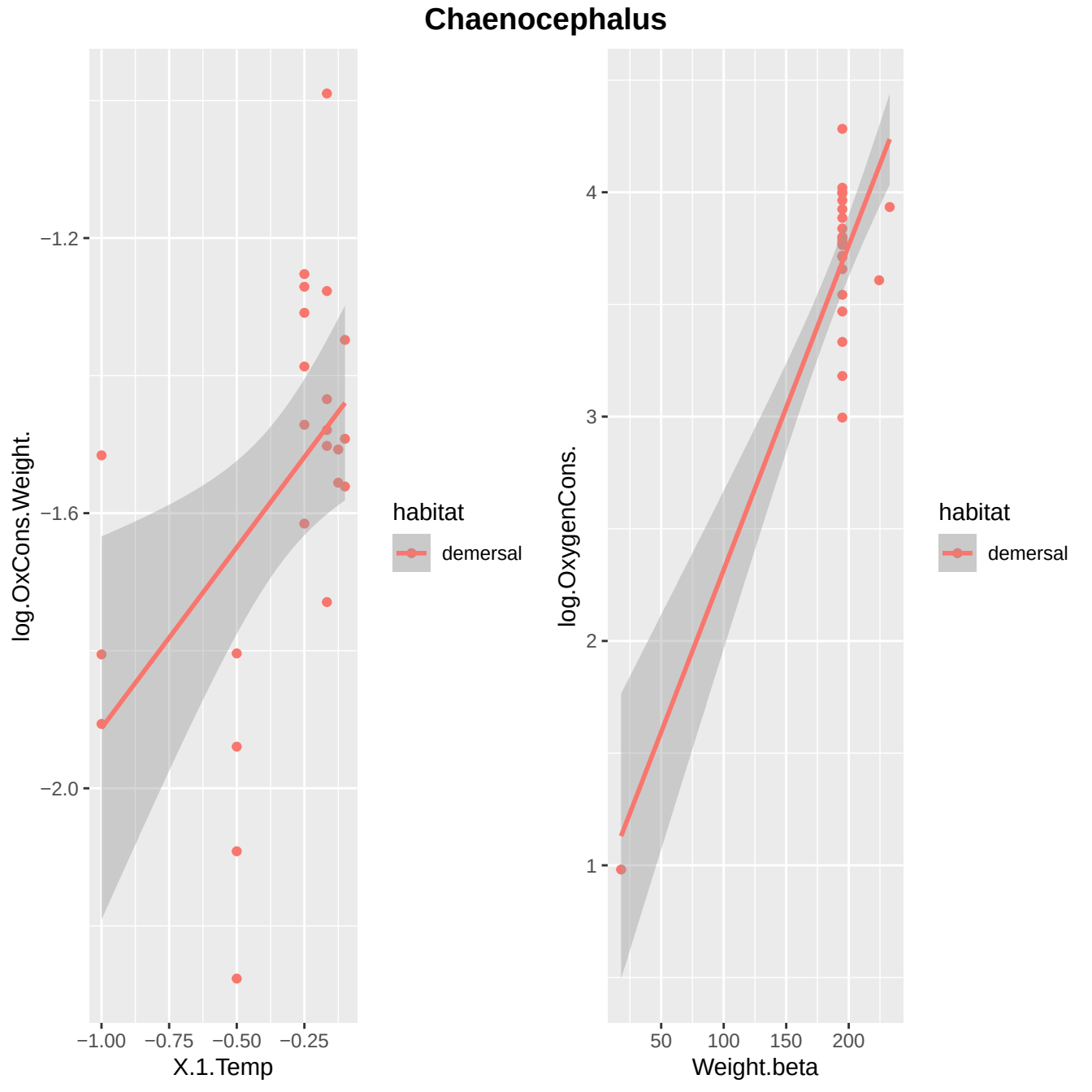

Buglossidium
log.OxCons.Weight.
−1.5
−2.0
−2.5
−3.0
−0.09
−0.08
−0.07
−0.06
X.1.Temp
habitat
demersal
log.OxygenCons.
2
0
−2
5
10
15
Weight.beta
habitat
demersal

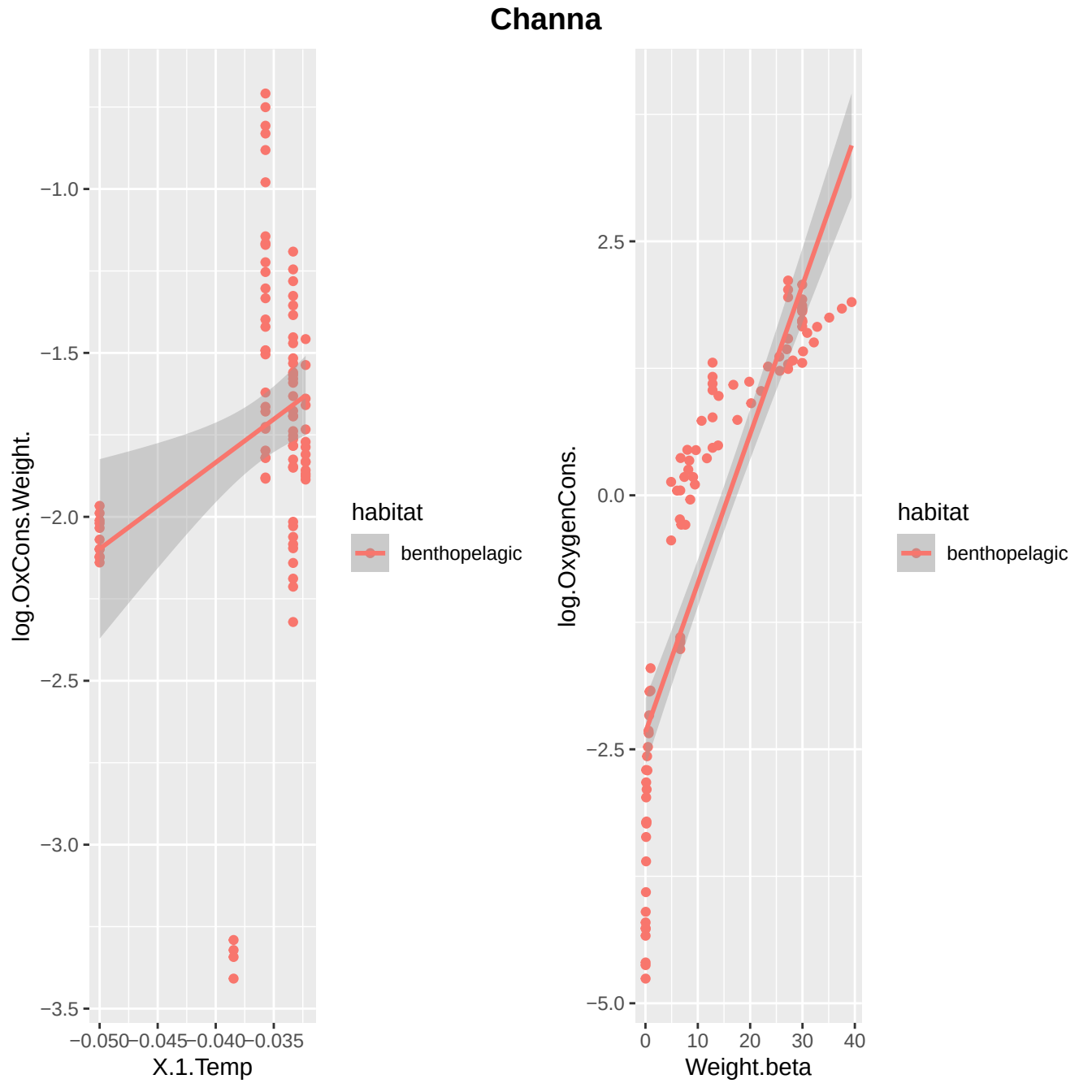

Callionymus
log.OxCons.Weight.
−1
−2
−0.09
−0.08
−0.07
−0.06
X.1.Temp
habitat
demersal
log.OxygenCons.
4
2
0
−2
−4
0
10
20
30
40
Weight.beta
habitat
demersal

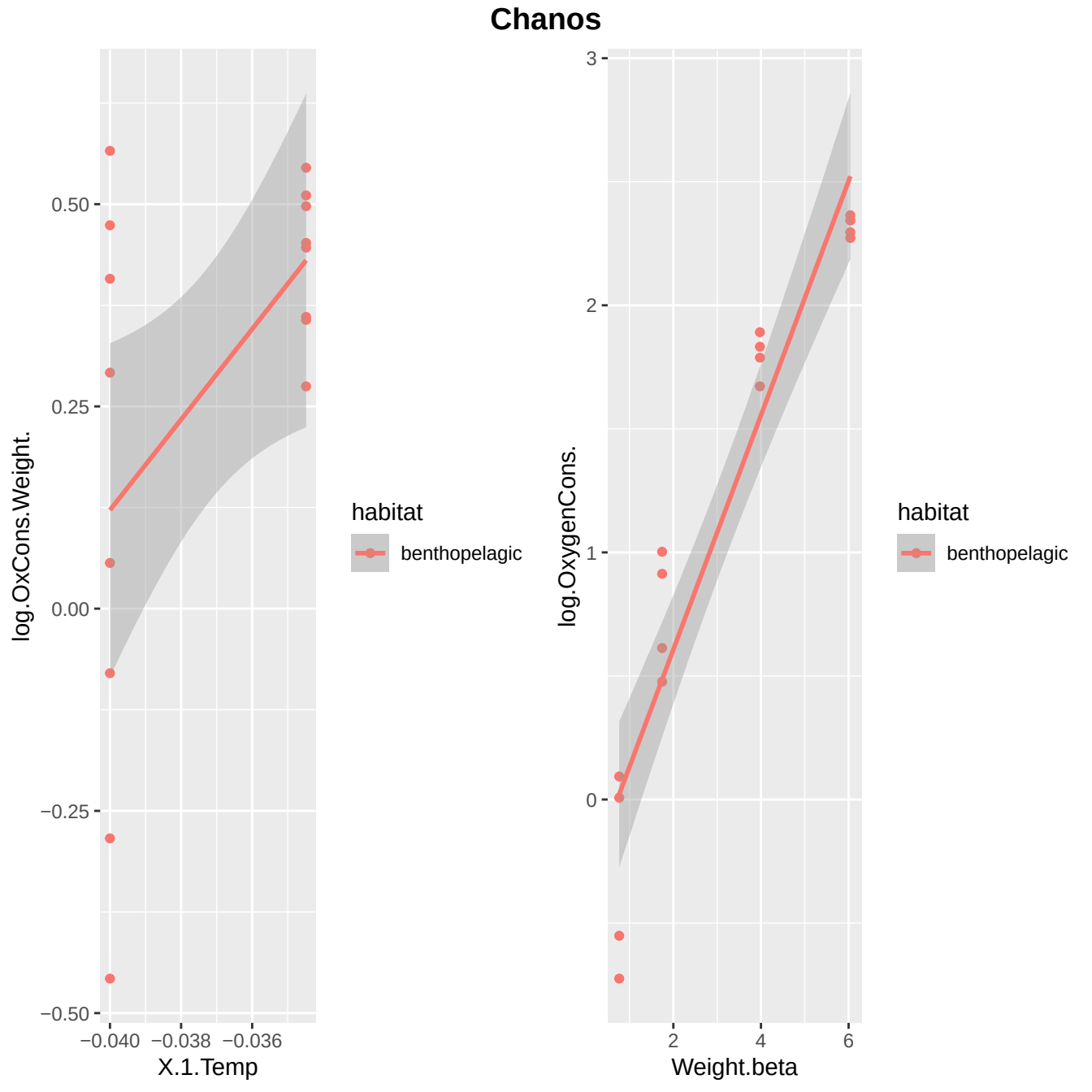

Caracanthus
log.OxCons.Weight.
−0.84
−0.86
−0.88
−0.90
−0.92
−0.94
−0.08
−0.06
−0.04
−0.02
0.00
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
−3.50
−3.75
−4.00
−4.25
−4.50
−4.75
0.03
0.04
0.05
0.06
0.07
Weight.beta
habitat
benthopelagic

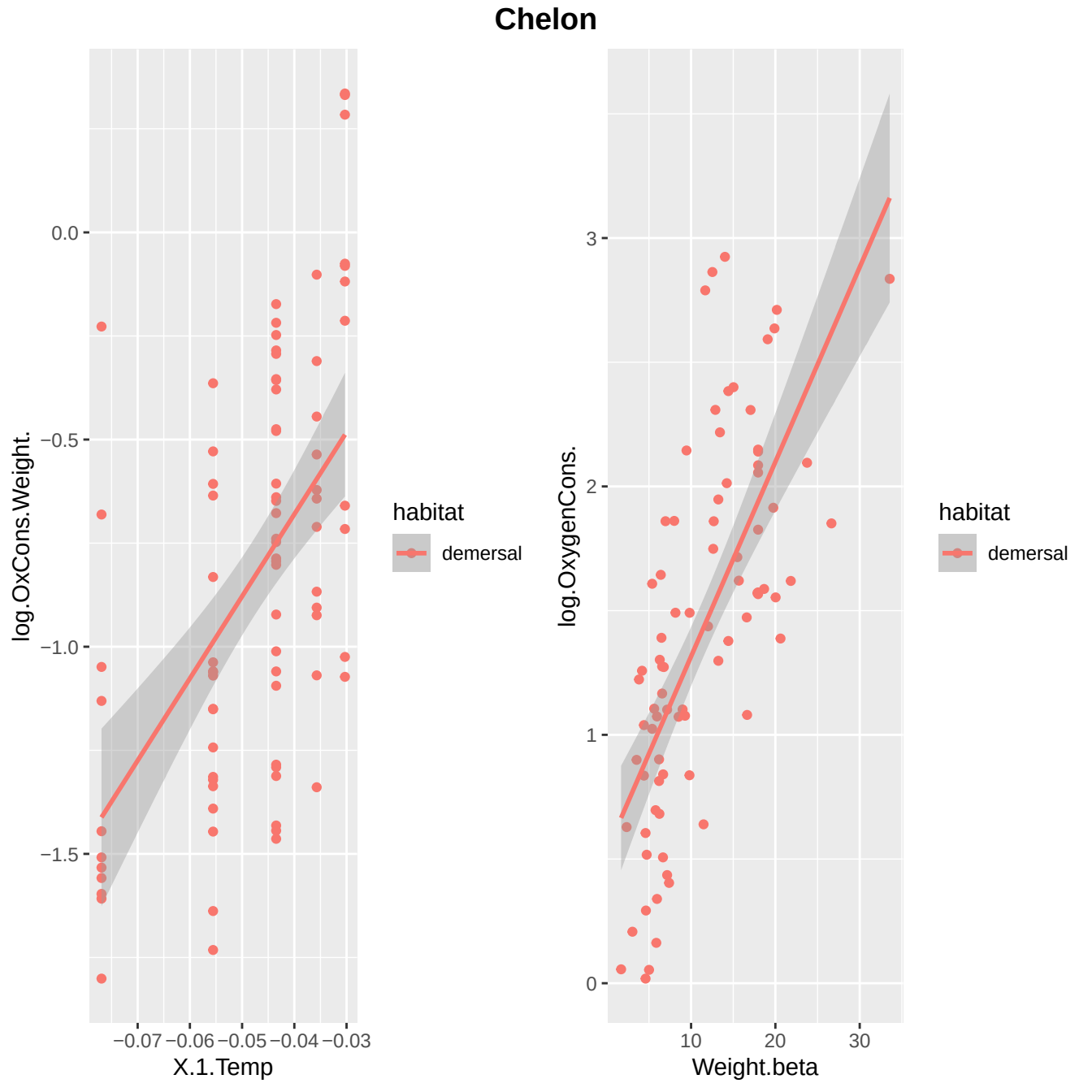

Carassius
log.OxCons.Weight.
X.1.Temp
0
−1
−2
−3
−4
−5
−0.20
−0.15
−0.10
−0.05
habitat
benthopelagic
demersal
log.OxygenCons.
Weight.beta
5.0
2.5
0.0
−2.5
0
50
100
150
habitat
benthopelagic
demersal

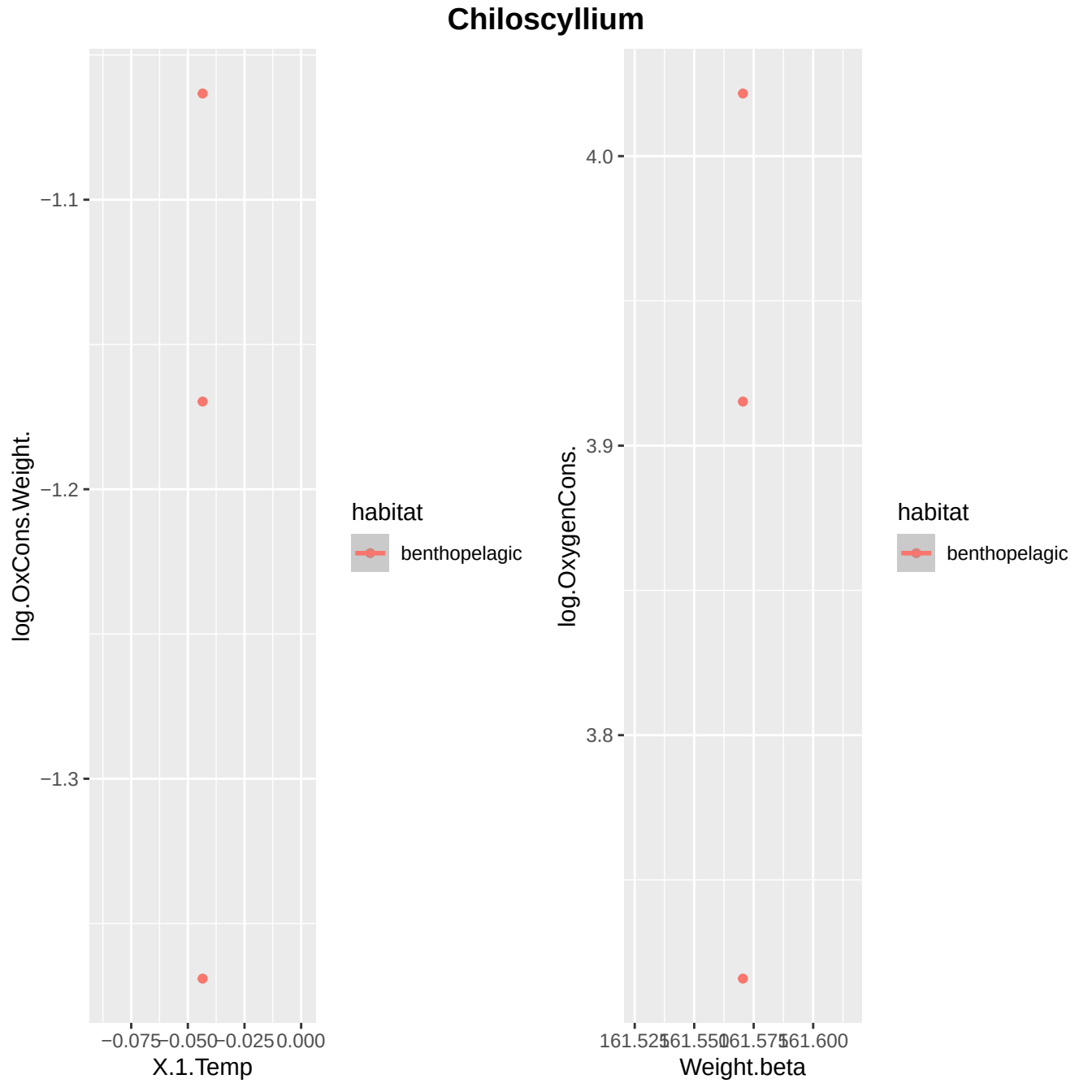

Catostomus
log.OxCons.Weight.
−1.0
−1.5
−2.0
−2.5
−3.0
−0.125
−0.100
−0.075
−0.050
X.1.Temp
habitat
demersal
log.OxygenCons.
3
2
1
0
10
20
30
40
50
Weight.beta
habitat
demersal

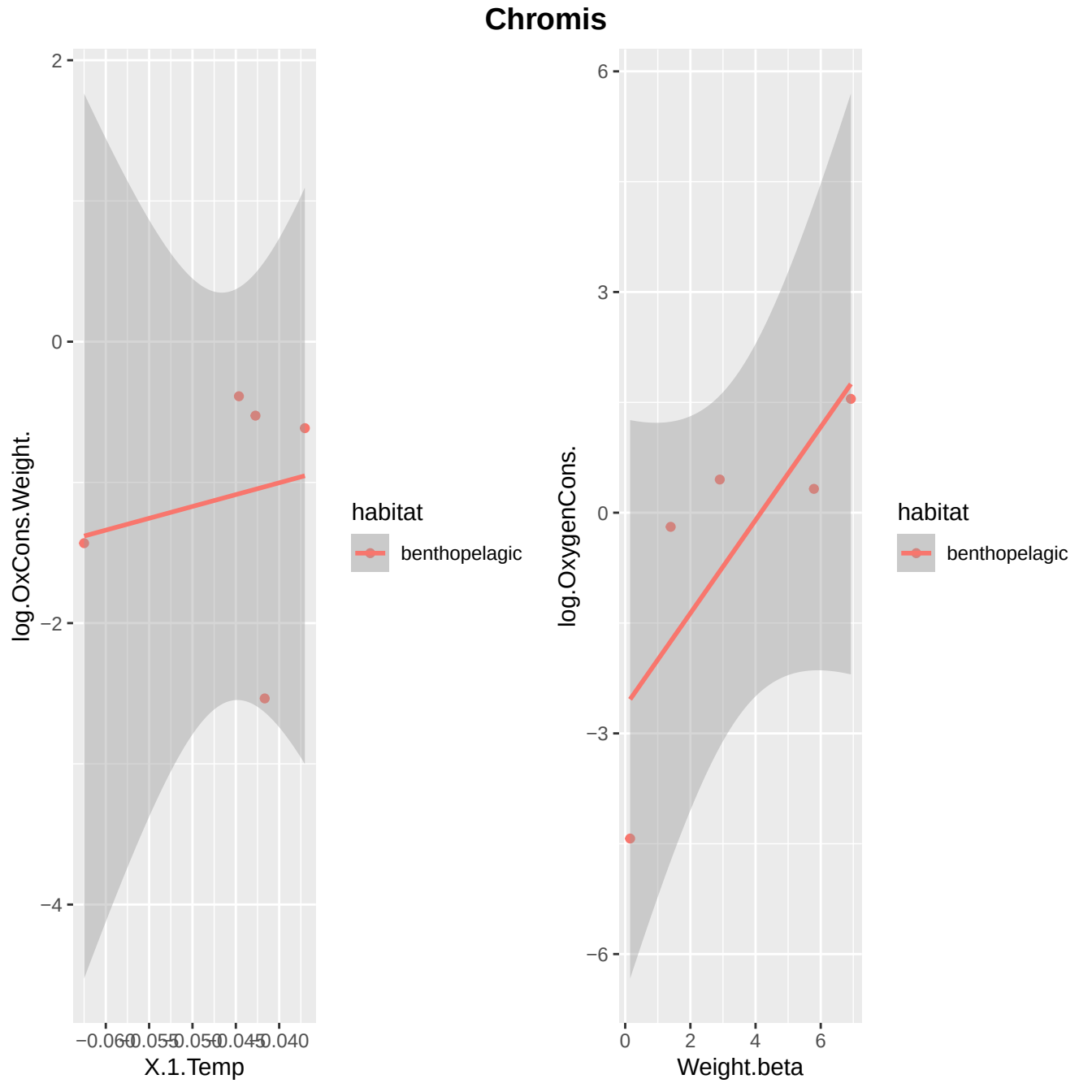

Chaenocephalus
log.OxCons.Weight.
−1.2
−1.6
−2.0
−1.00
−0.75
−0.50
−0.25
X.1.Temp
habitat
demersal
log.OxygenCons.
4
3
2
1
50
100
150
200
Weight.beta
habitat
demersal

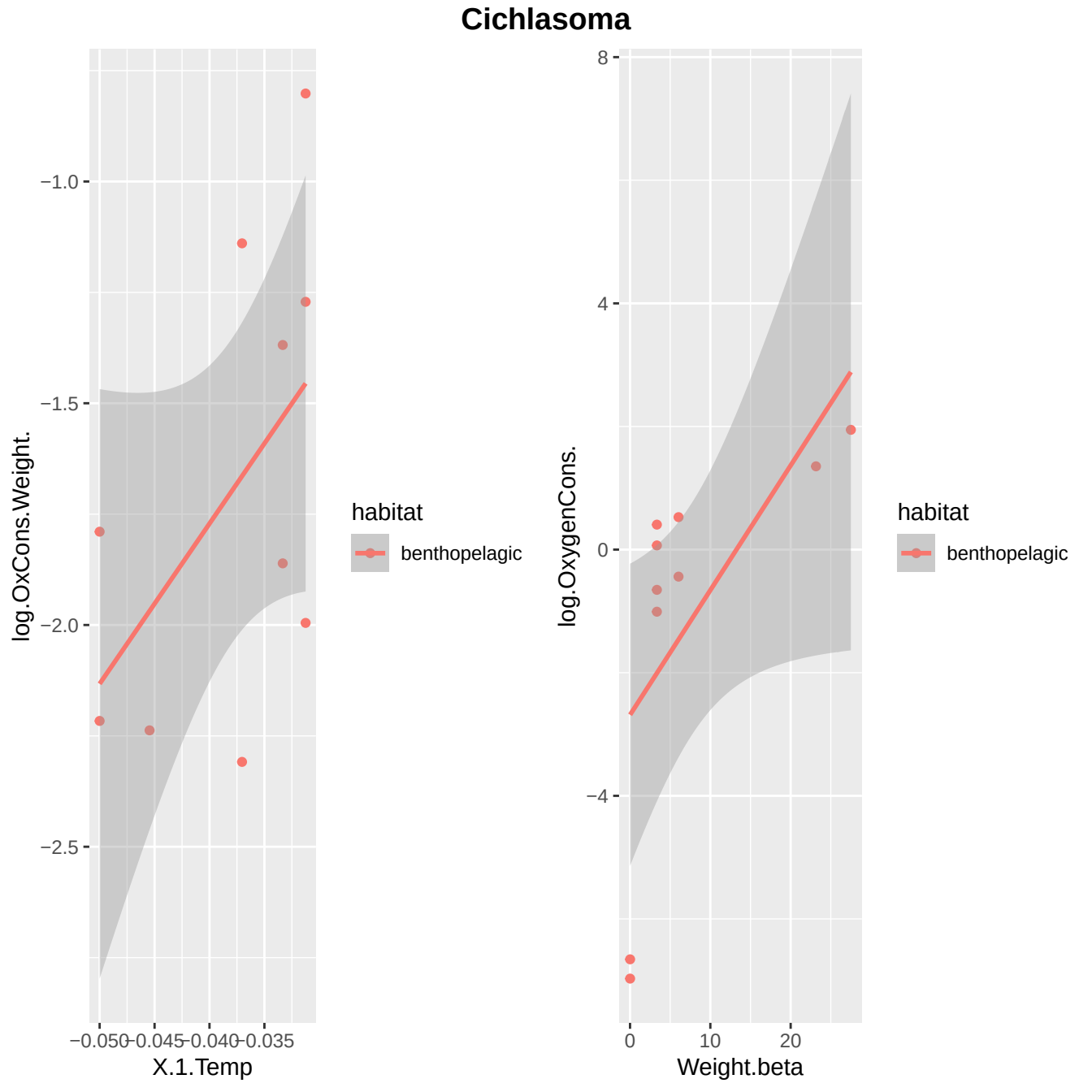

Channa
log.OxCons.Weight.
−1.0
−1.5
−2.0
−2.5
−3.0
−3.5
−0.050
−0.045
−0.040
−0.035
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
2.5
0.0
−2.5
−5.0
0
10
20
30
40
Weight.beta
habitat
benthopelagic

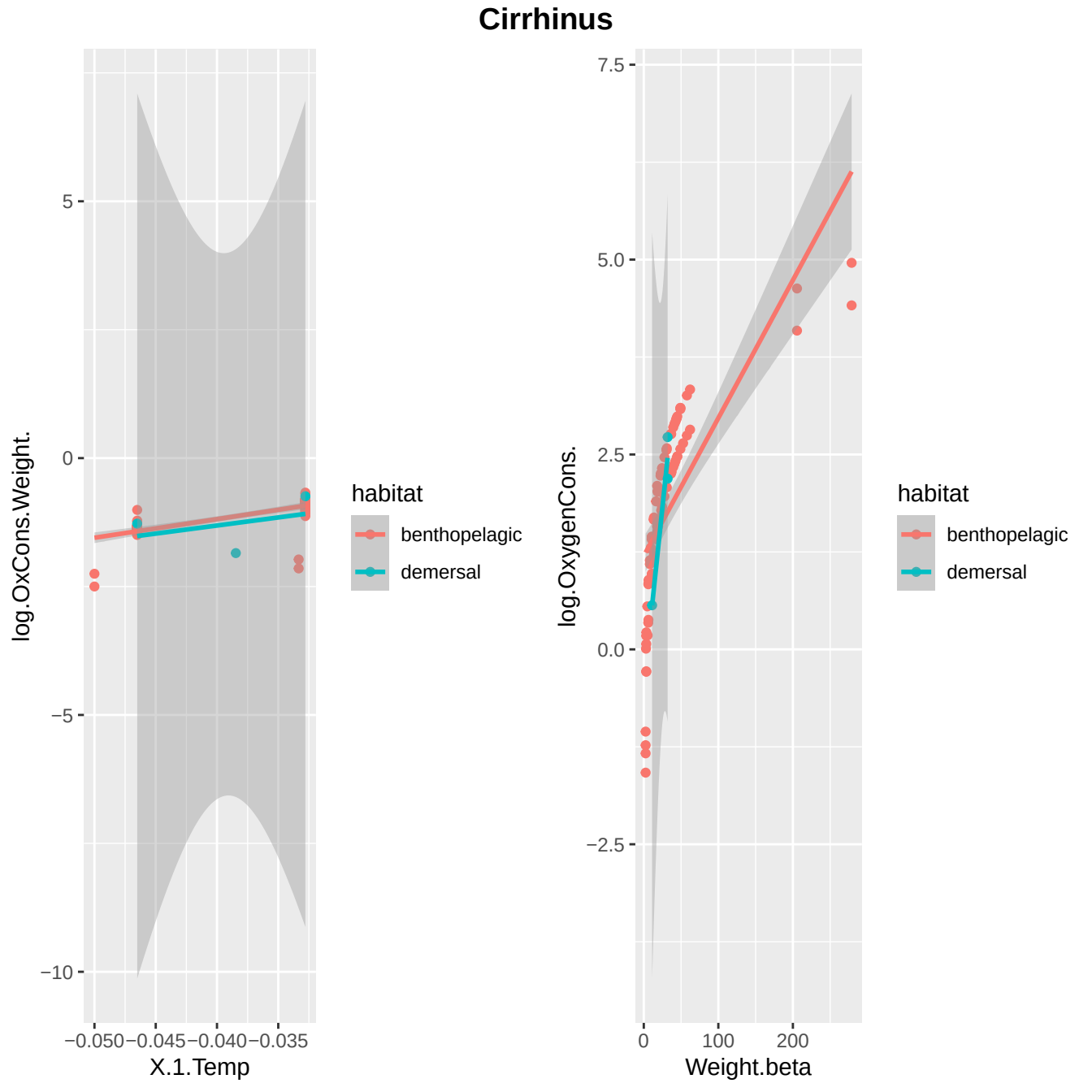

Chanos
log.OxCons.Weight.
0.50
0.25
0.00
−0.25
−0.50
−0.040
−0.038
−0.036
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
3
2
1
0
2
4
6
Weight.beta
habitat
benthopelagic

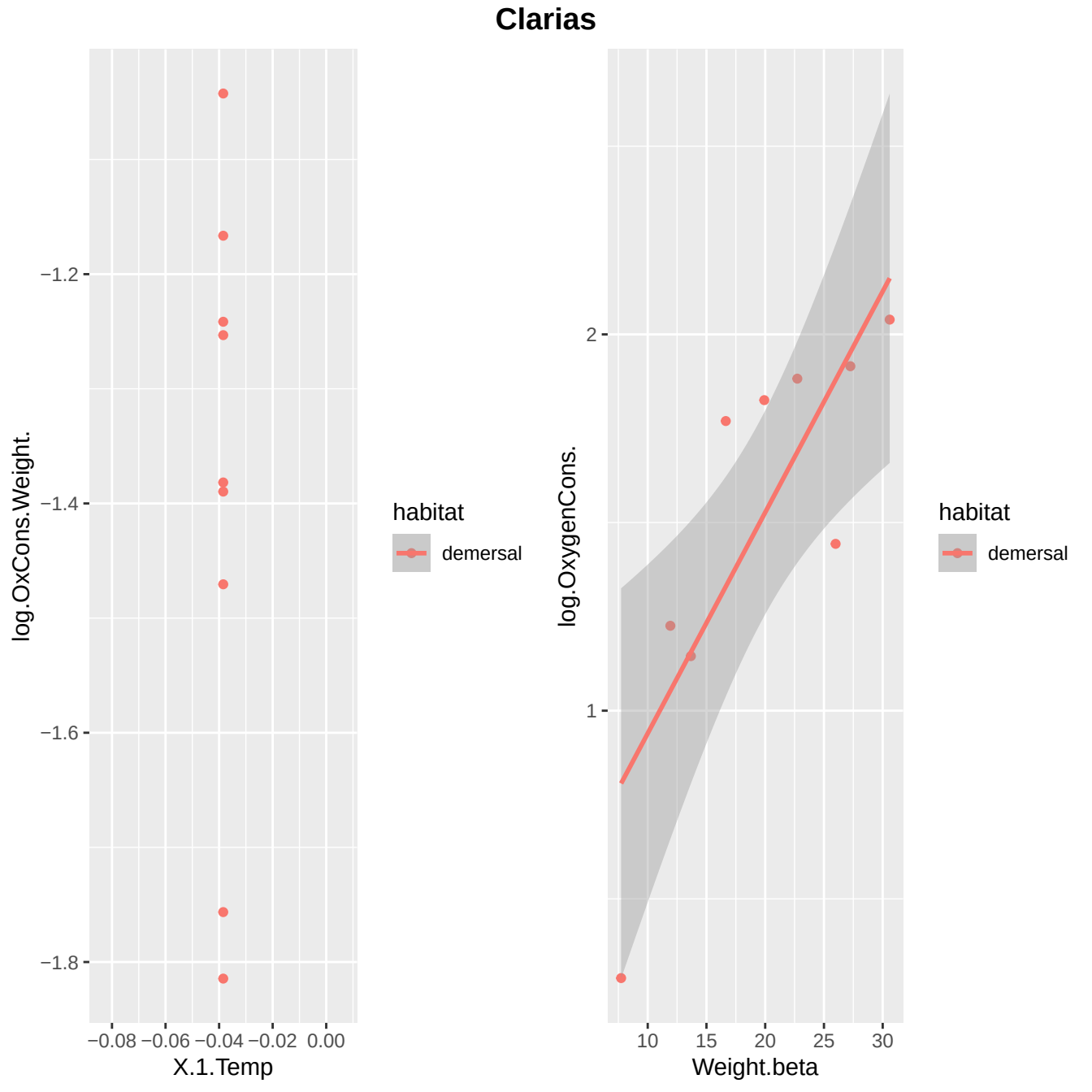

Chelon
log.OxCons.Weight.
0.0
−0.5
−1.0
−1.5
−0.07
−0.06
−0.05
−0.04
−0.03
X.1.Temp
habitat
demersal
log.OxygenCons.
3
2
1
0
10
20
30
Weight.beta
habitat
demersal

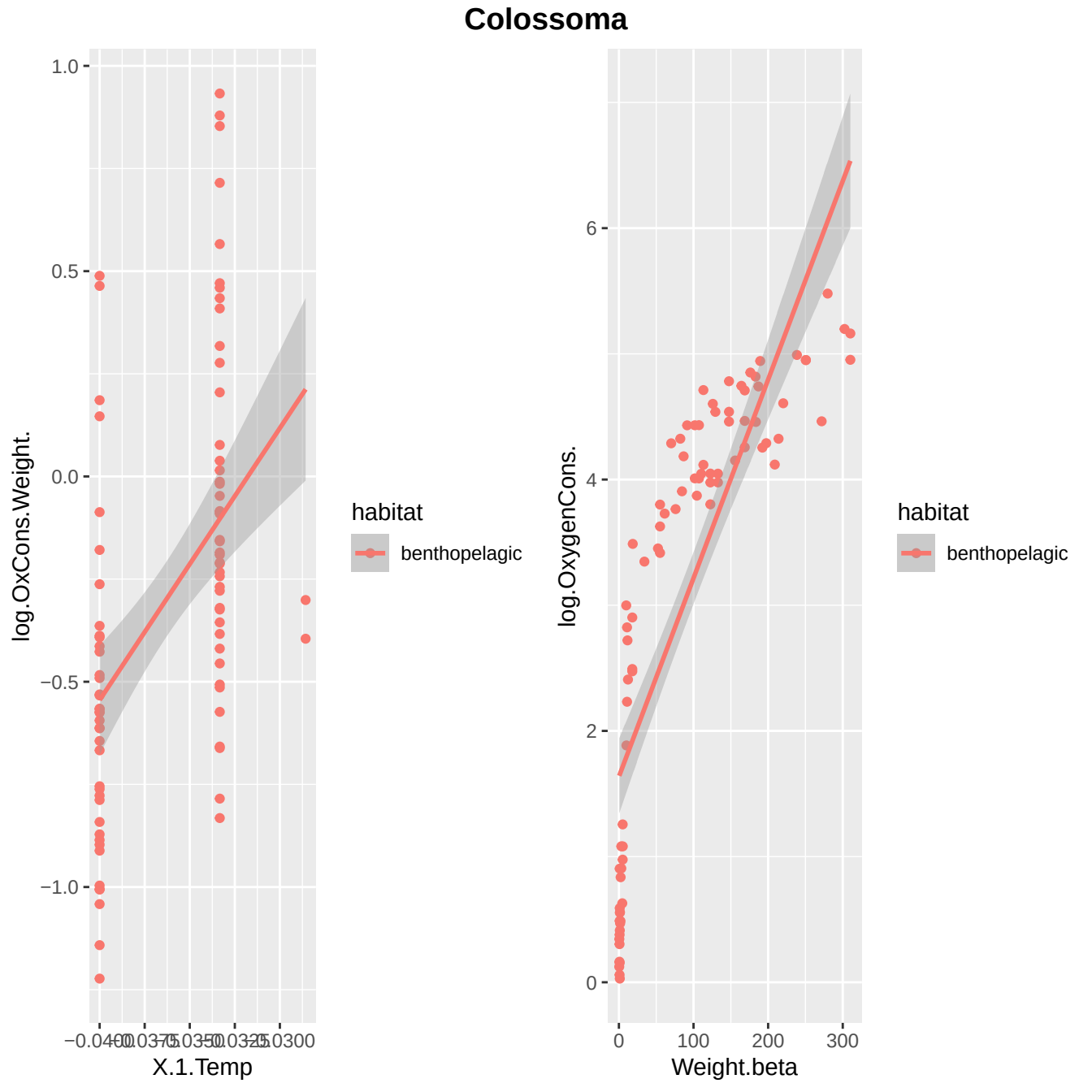

Chiloscyllium
log.OxCons.Weight.
−1.1
−1.2
−1.3
−0.075
−0.050
−0.025
0.000
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
4.0
3.9
3.8
161.525
161.550
161.575
161.600
Weight.beta
habitat
benthopelagic

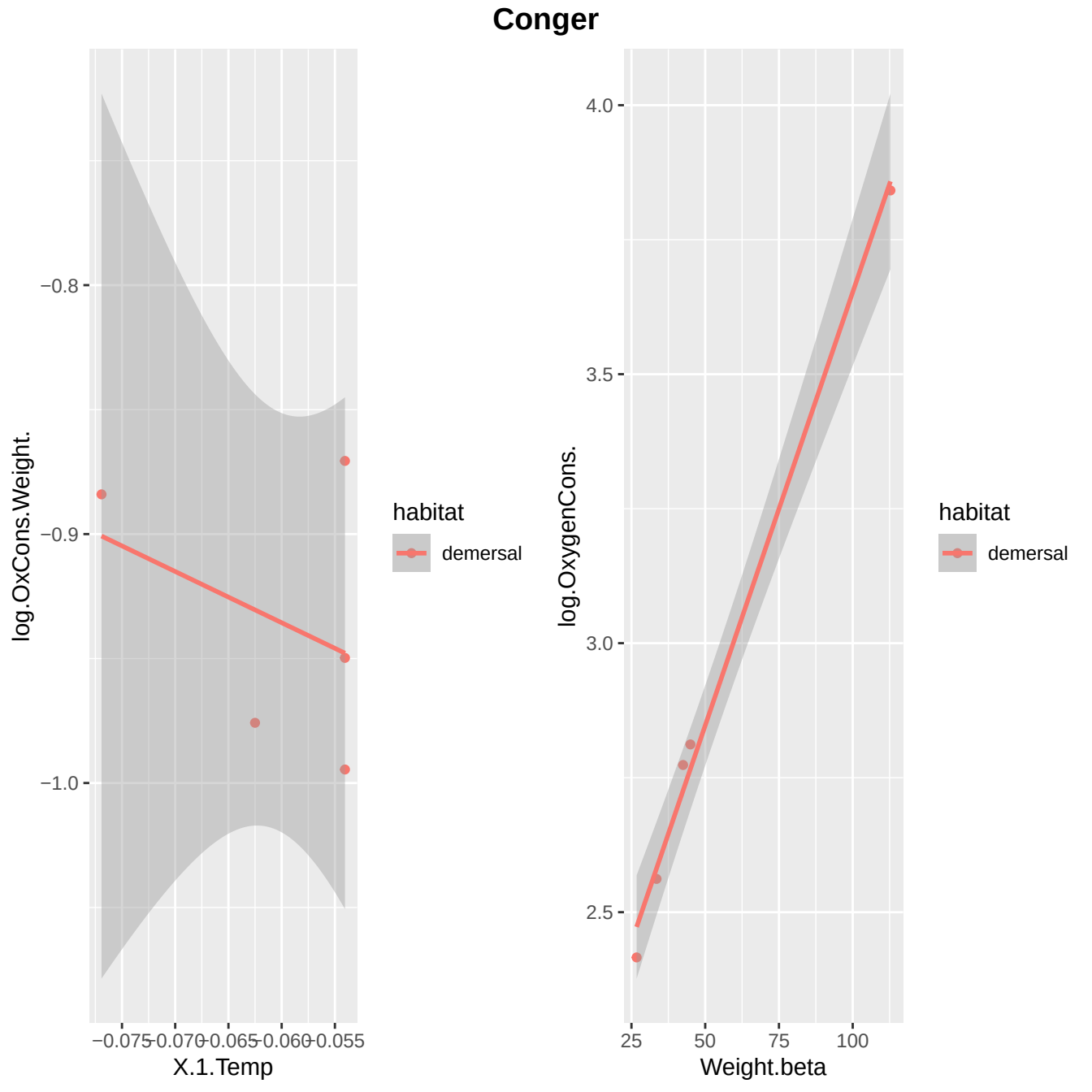

Chromis
log.OxCons.Weight.
2
0
−2
−4
−0.060
−0.055
−0.050
−0.045
−0.040
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
6
3
0
−3
−6
0
2
4
6
Weight.beta
habitat
benthopelagic

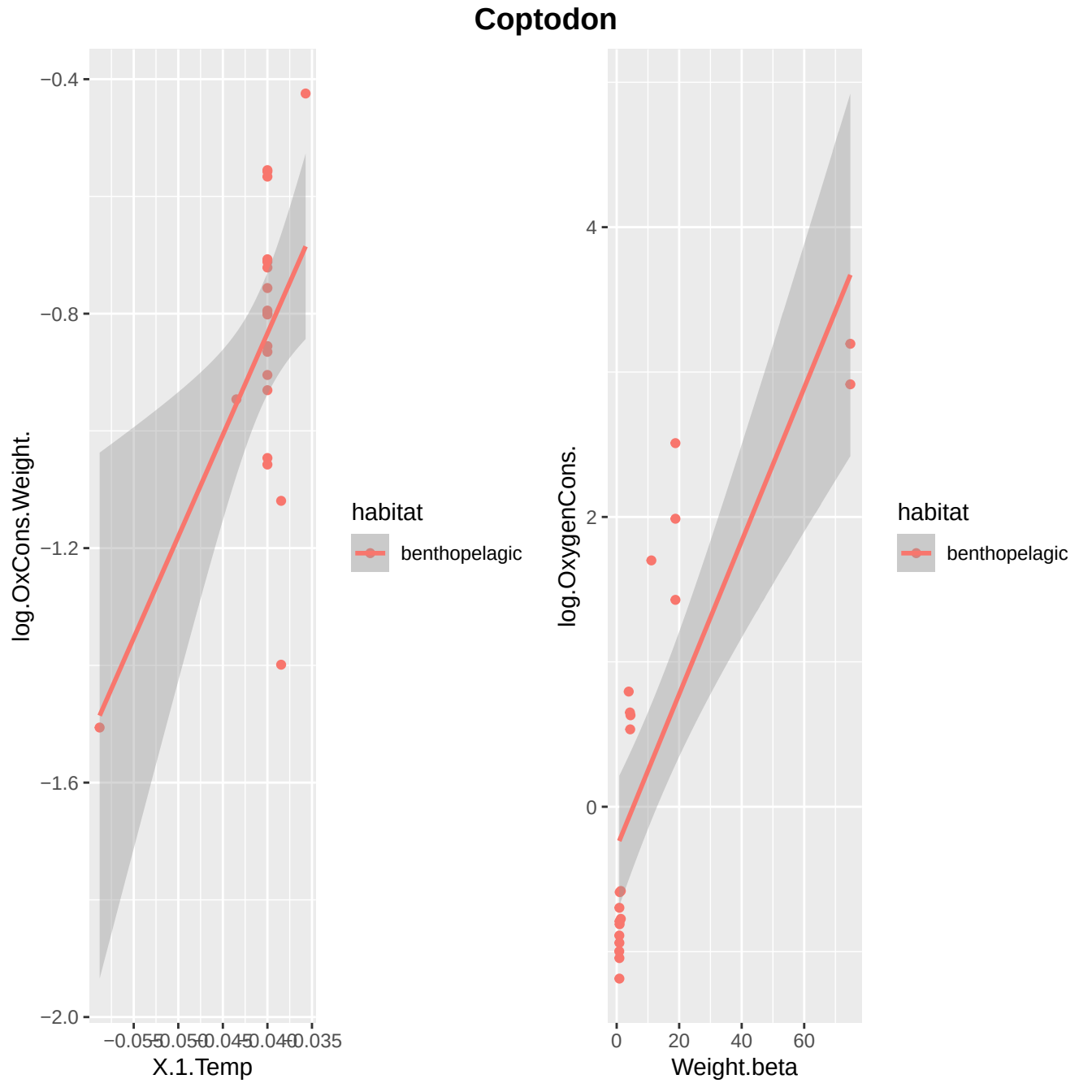

Cichlasoma
log.OxCons.Weight.
−1.0
−1.5
−2.0
−2.5
−0.050
−0.045
−0.040
−0.035
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
8
4
0
−4
0
10
20
Weight.beta
habitat
benthopelagic

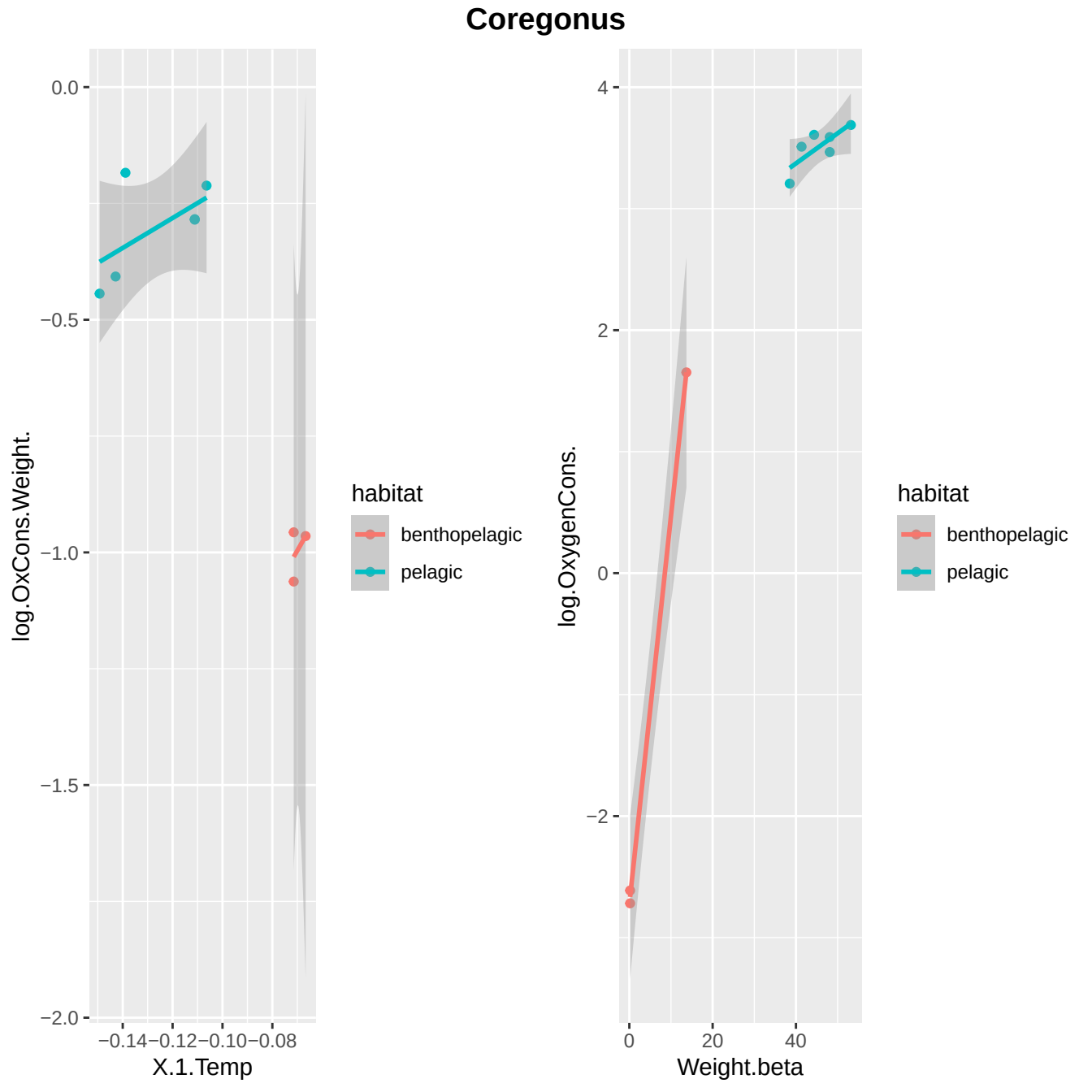

Cirrhinus
log.OxCons.Weight.
5
0
−5
−10
−0.050
−0.045
−0.040
−0.035
X.1.Temp
habitat
benthopelagic
demersal
log.OxygenCons.
7.5
5.0
2.5
0.0
−2.5
0
100
200
Weight.beta
habitat
benthopelagic
demersal

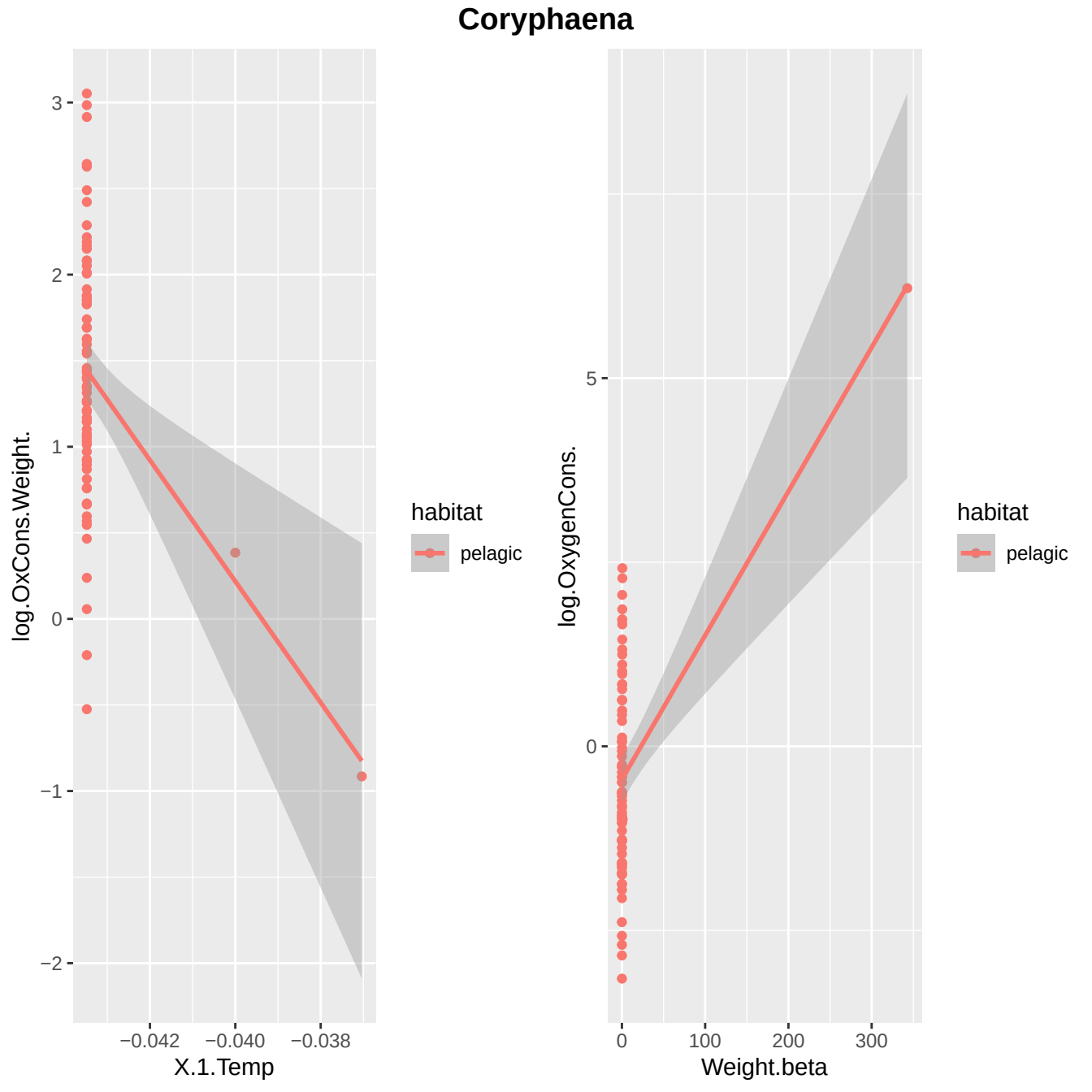

Clarias
log.OxCons.Weight.
−1.2
−1.4
−1.6
−1.8
−0.08 −0.06 −0.04 −0.02 0.00
X.1.Temp
habitat
demersal
log.OxygenCons.
2
1
10 15 20 25 30
Weight.beta
habitat
demersal

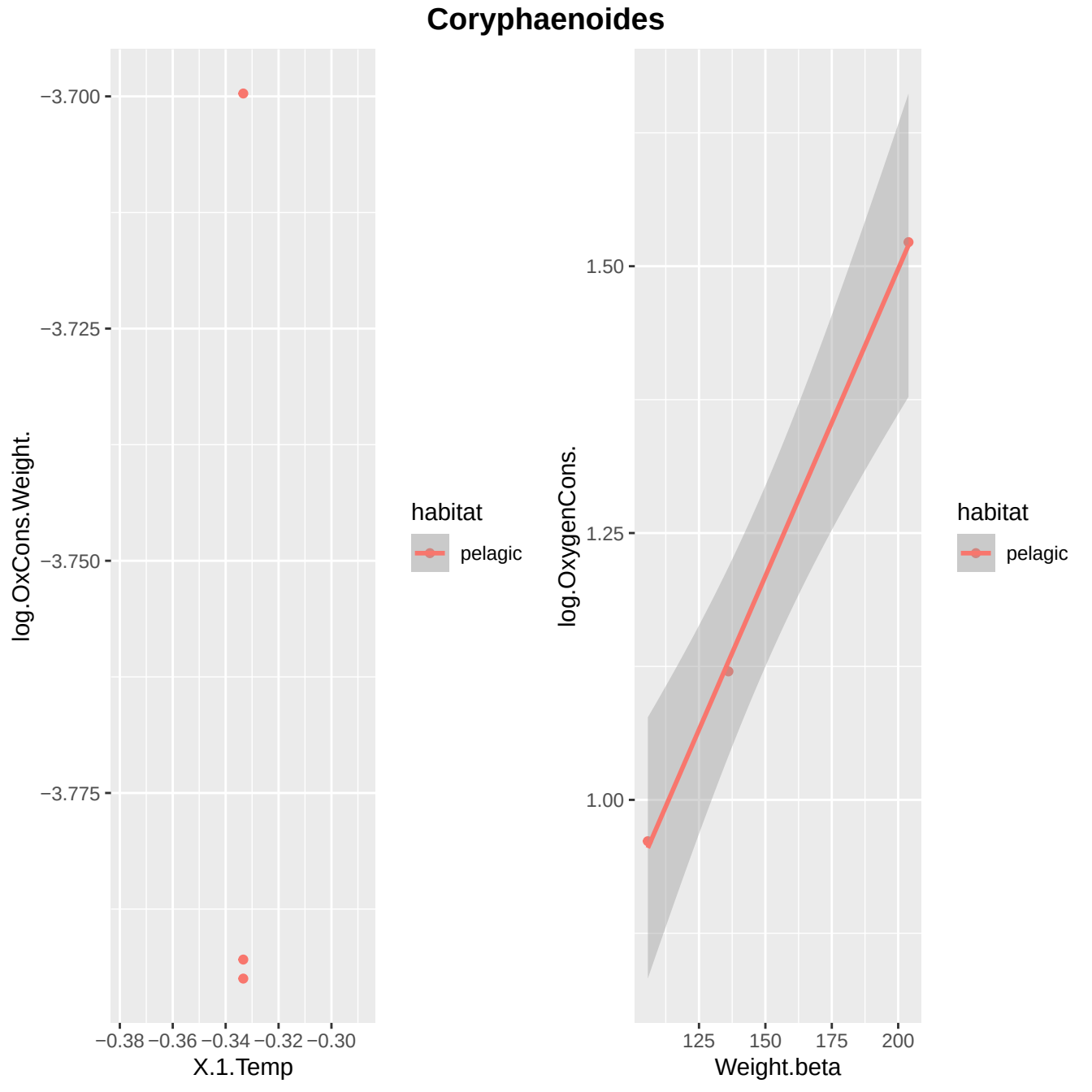

Colossoma
log.OxCons.Weight.
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
Weight.beta
habitat
benthopelagic

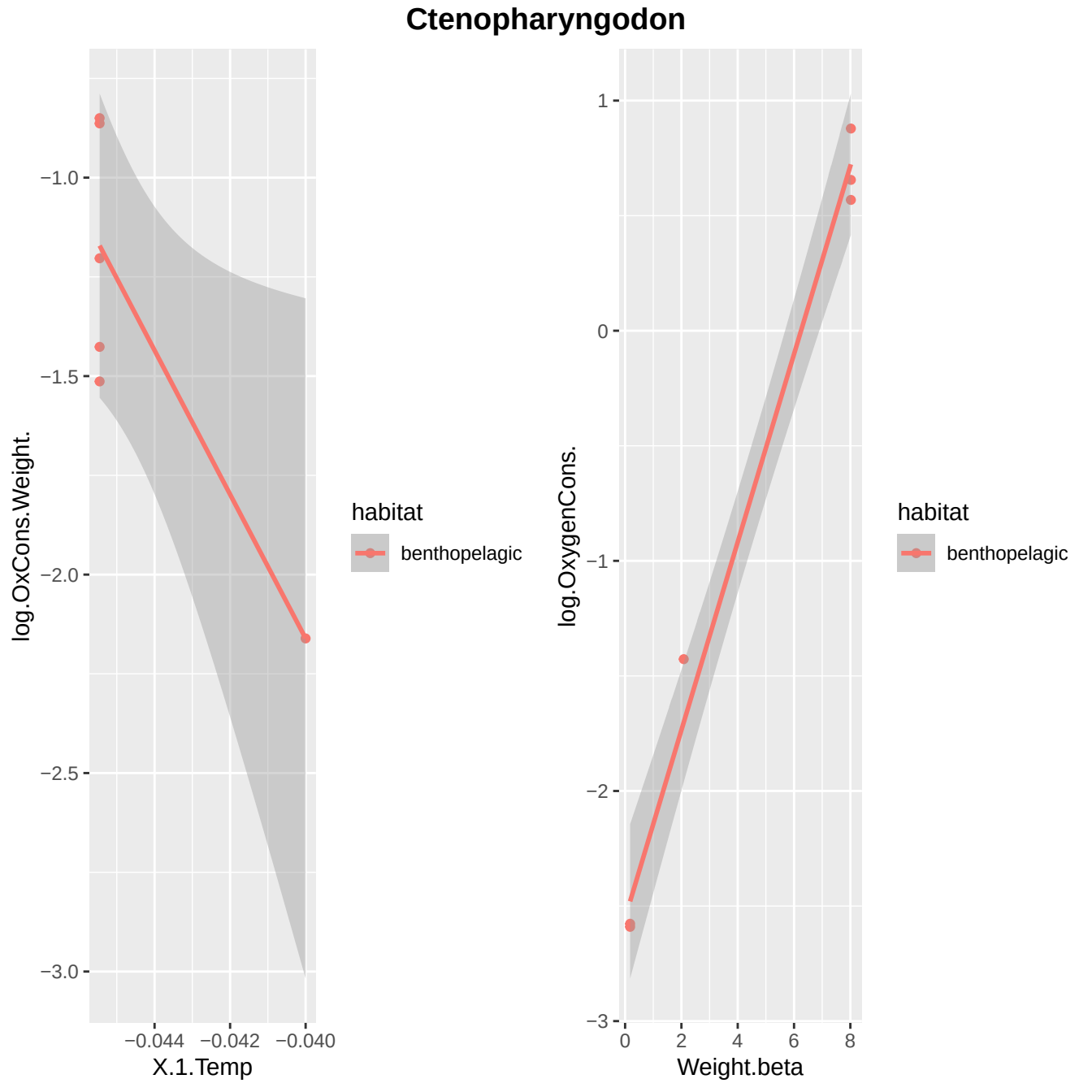

Conger
log.OxCons.Weight.
−0.8
−0.9
−1.0
−0.075
−0.070
−0.065
−0.060
−0.055
X.1.Temp
habitat
demersal
log.OxygenCons.
4.0
3.5
3.0
2.5
25
50
75
100
Weight.beta
habitat
demersal

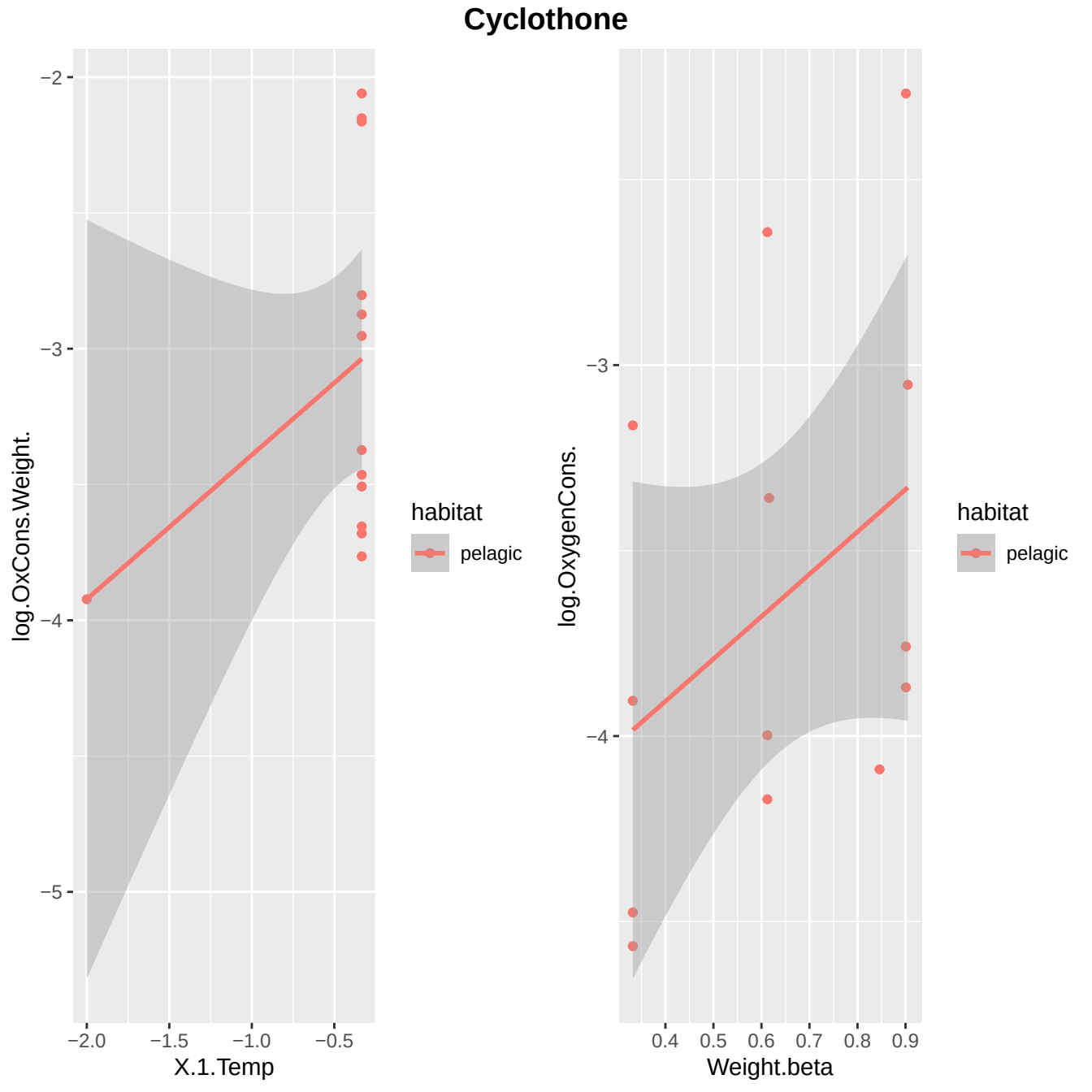

Coptodon
log.OxCons.Weight.
−0.4
−0.8
−1.2
−1.6
−2.0
−0.055
−0.050
−0.045
−0.040
−0.035
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
4
2
0
0
20
40
60
Weight.beta
habitat
benthopelagic

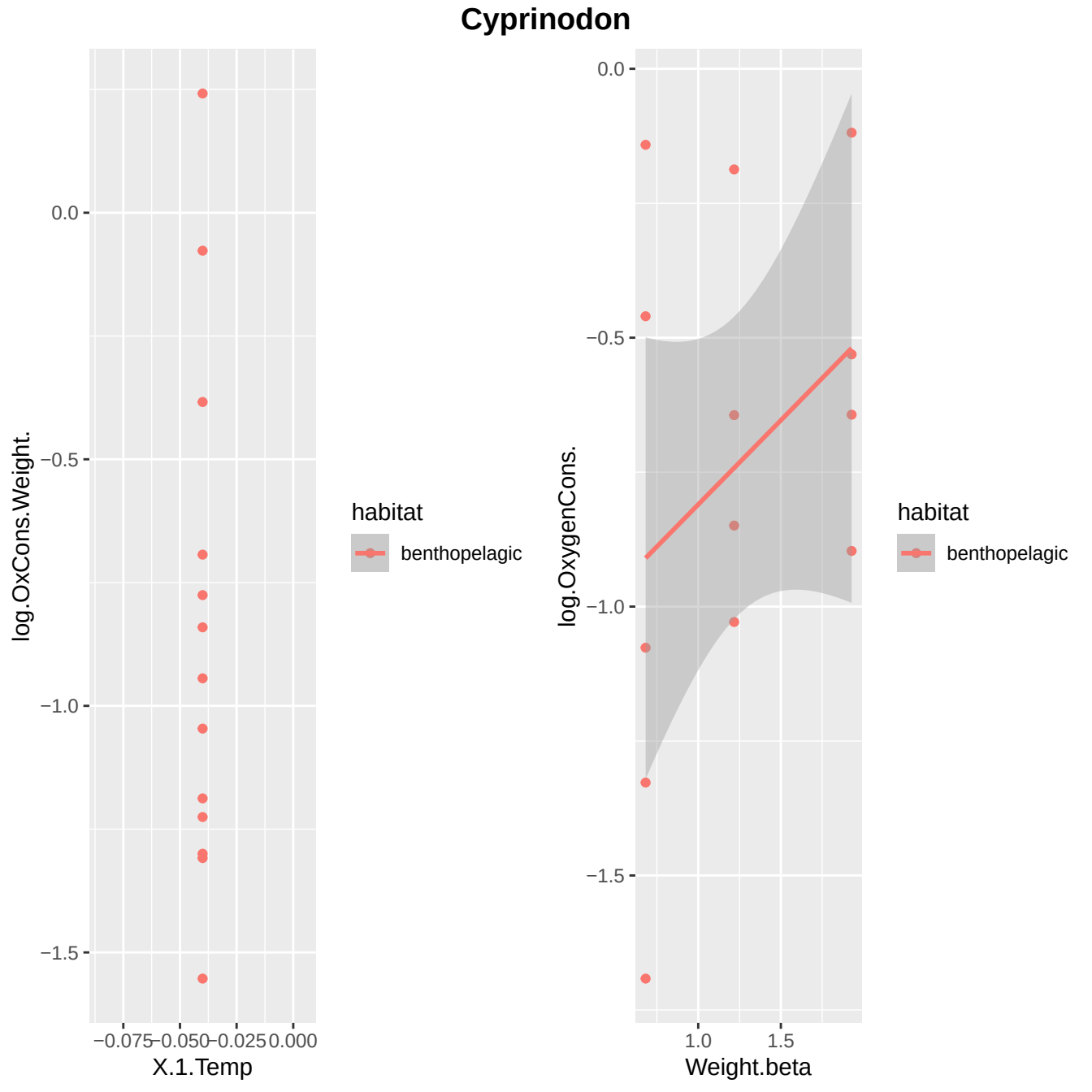

Coregonus
log.OxCons.Weight.
0.0
−0.5
−1.0
−1.5
−2.0
−0.14
−0.12
−0.10
−0.08
X.1.Temp
habitat
benthopelagic
pelagic
log.OxygenCons.
4
2
0
−2
0
20
40
Weight.beta
habitat
benthopelagic
pelagic


Coryphaena
log.OxCons.Weight.
3
2
1
0
−1
−2
−0.042
−0.040
−0.038
X.1.Temp
habitat
pelagic
log.OxygenCons.
5
0
0
100
200
300
Weight.beta
habitat
pelagic

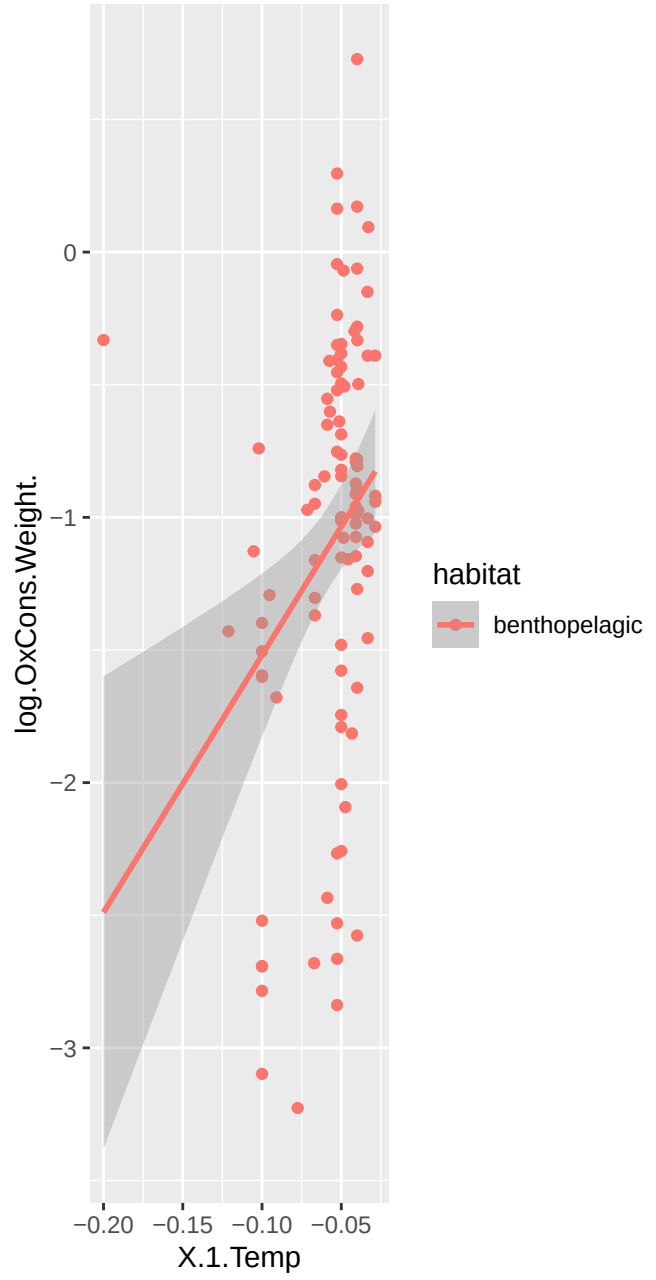

Coryphaenoides
−3.700
−3.725
−3.750
−3.775
log.OxCons.Weight.
−0.38 −0.36 −0.34 −0.32 −0.30
X.1.Temp
habitat
pelagic
1.50
1.25
1.00
log.OxygenCons.
125 150 175 200
Weight.beta
habitat
pelagic

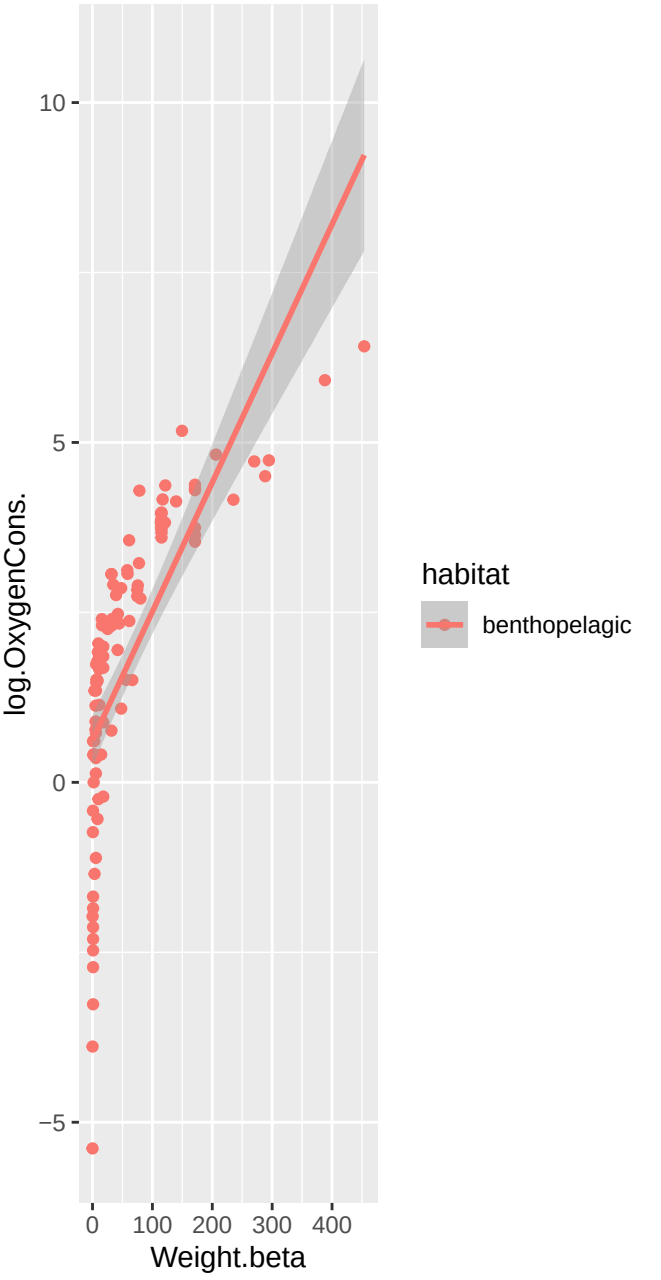

Ctenopharyngodon
log.OxCons.Weight.
−1.0
−1.5
−2.0
−2.5
−3.0
−0.044
−0.042
−0.040
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
1
0
−1
−2
−3
0
2
4
6
8
Weight.beta
habitat
benthopelagic

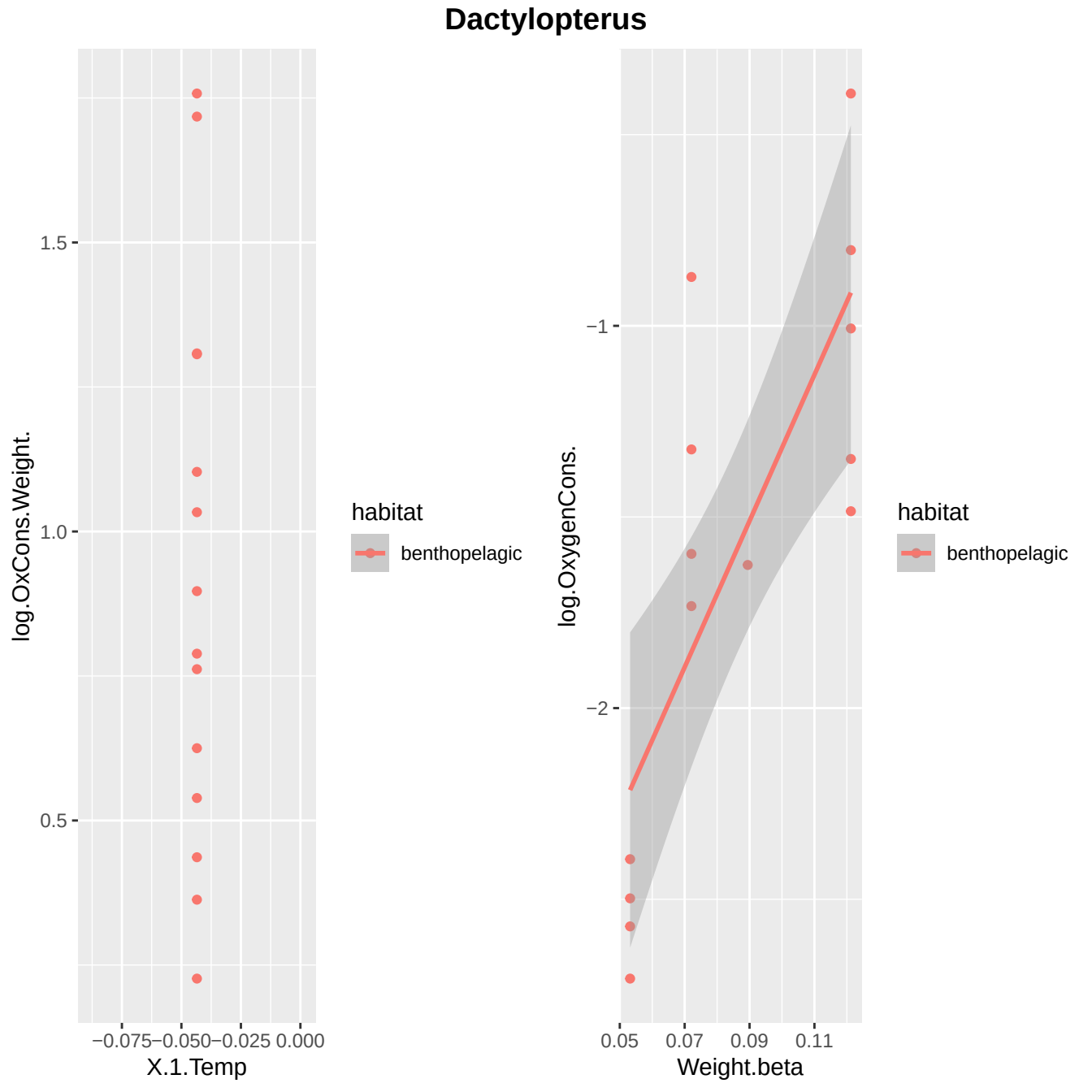

Cyclothone
log.OxCons.Weight.
−2
−3
−4
−5
−2.0
−1.5
−1.0
−0.5
X.1.Temp
habitat
pelagic
log.OxygenCons.
−3
−4
0.4
0.5
0.6
0.7
0.8
0.9
Weight.beta
habitat
pelagic


Cyprinodon
log.OxCons.Weight.
0.0
−0.5
−1.0
−1.5
−0.075
−0.050
−0.025
0.000
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
0.0
−0.5
−1.0
−1.5
1.0
1.5
Weight.beta
habitat
benthopelagic

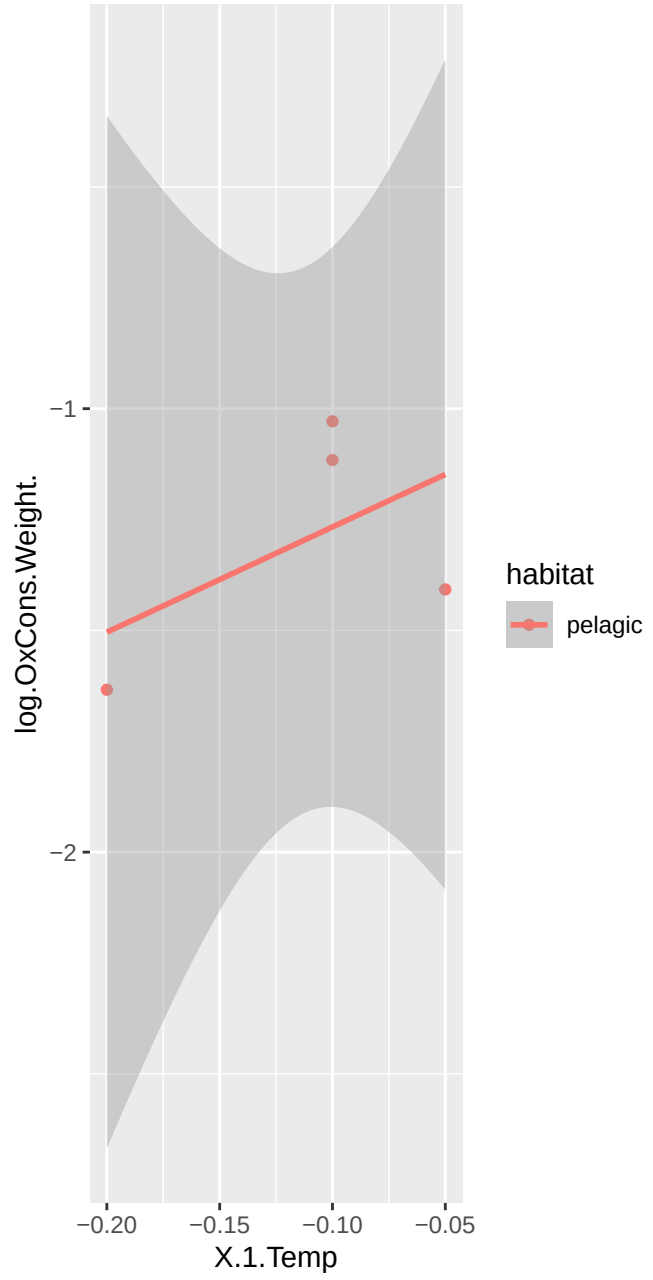
Cyprinus

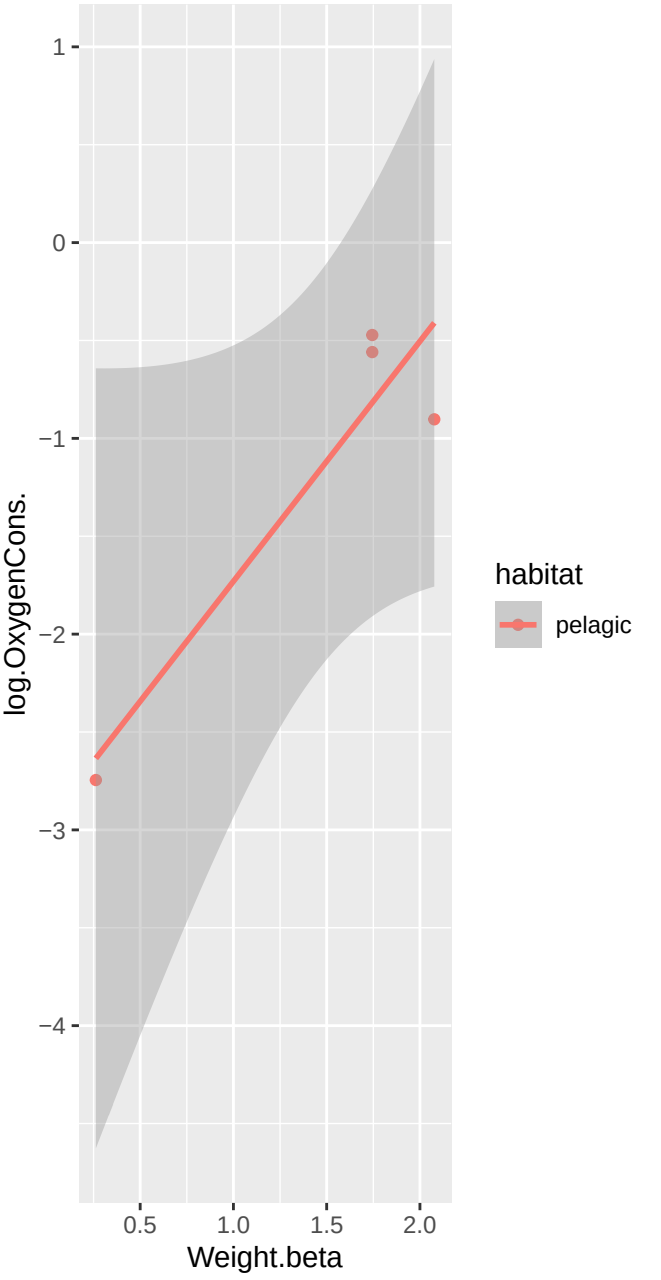

log.OxCons.Weight.
0
−1
−2
−3
−0.20
−0.15
−0.10
−0.05
X.1.Temp
habitat
benthopelagic

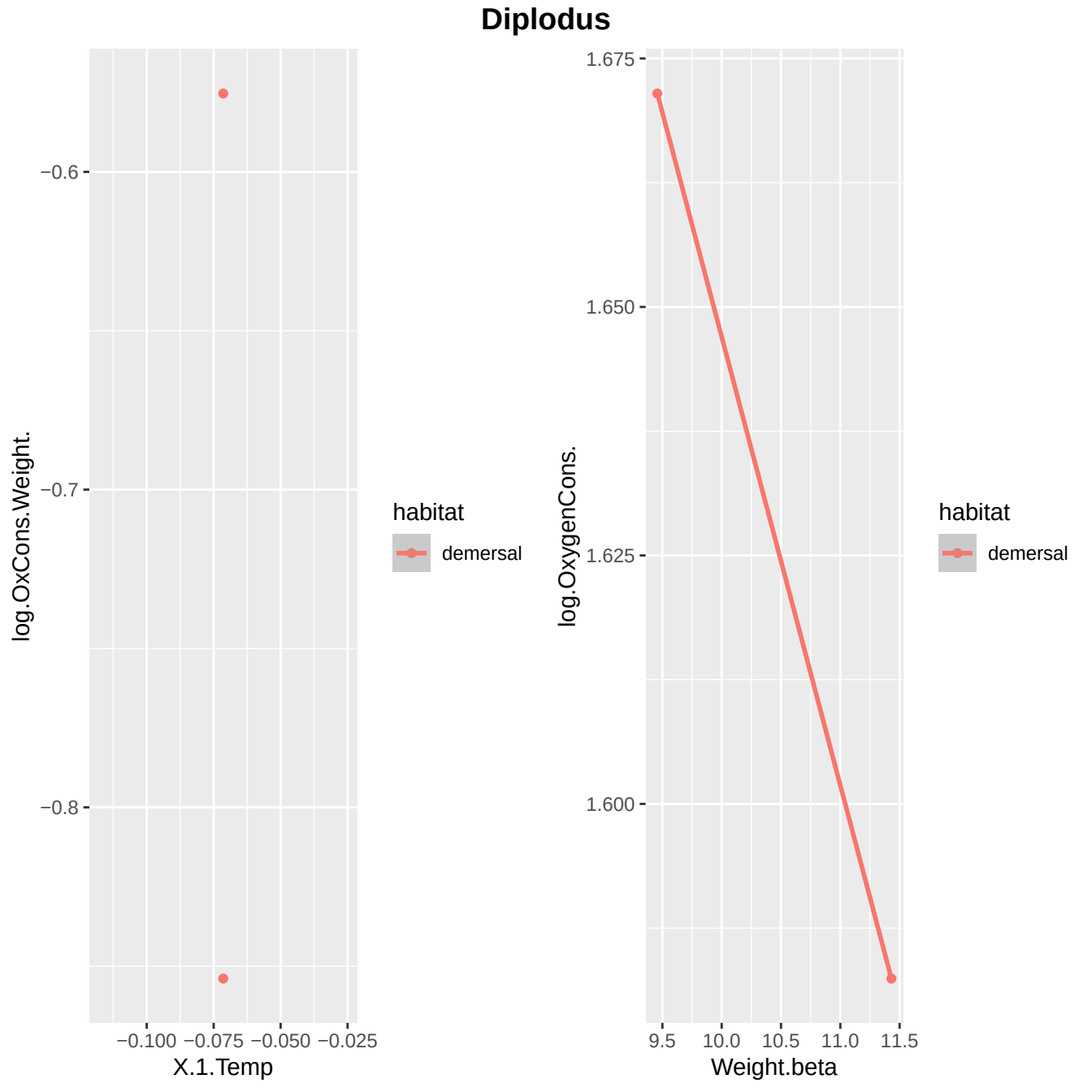

log.OxygenCons.
10
5
0
−5
0
100
200
300
400
Weight.beta
habitat
benthopelagic


Dactylopterus
log.OxCons.Weight.
1.5
1.0
0.5
−0.075
−0.050
−0.025
0.000
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
−1
−2
0.05
0.07
0.09
0.11
Weight.beta
habitat
benthopelagic

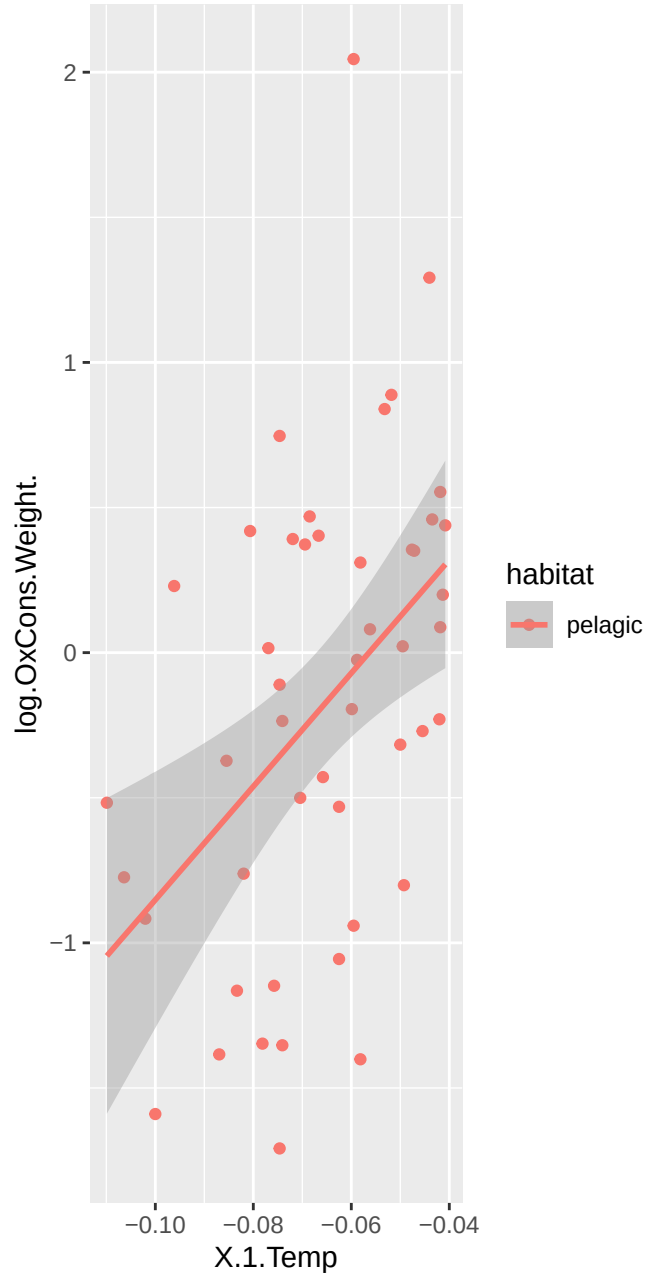
Diaphus

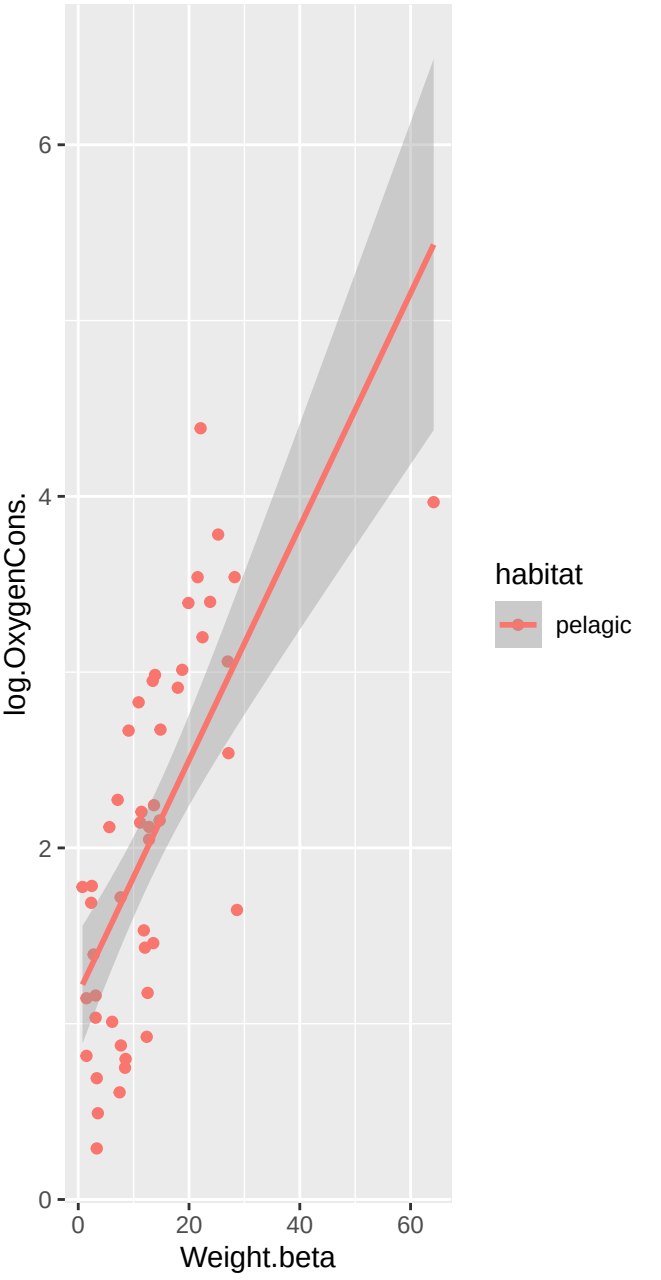

log.OxCons.Weight.
−1
−2
−0.20
−0.15
−0.10
−0.05
X.1.Temp
habitat
pelagic

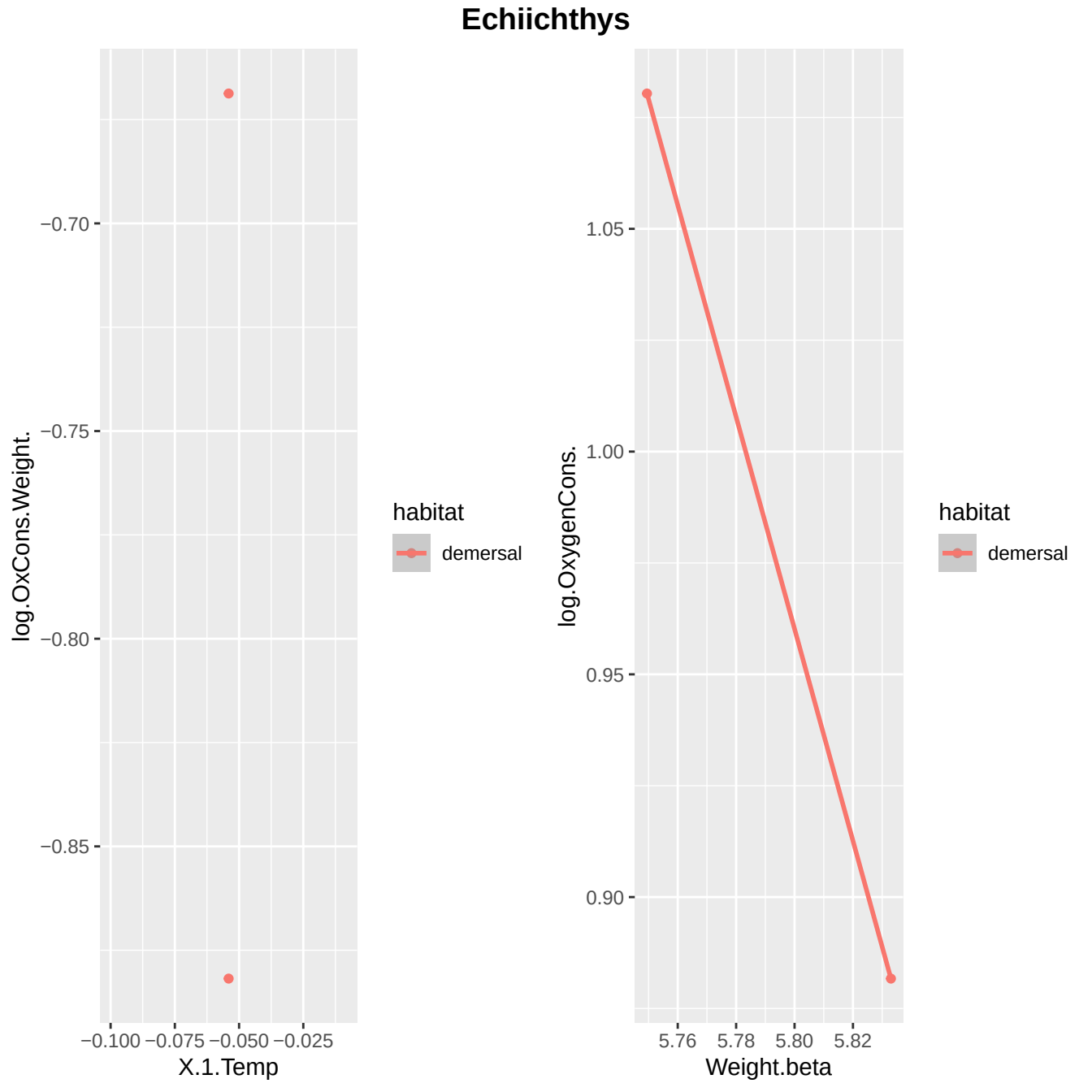

log.OxygenCons.
1
0
−1
−2
−3
−4
0.5
1.0
1.5
2.0
Weight.beta
habitat
pelagic

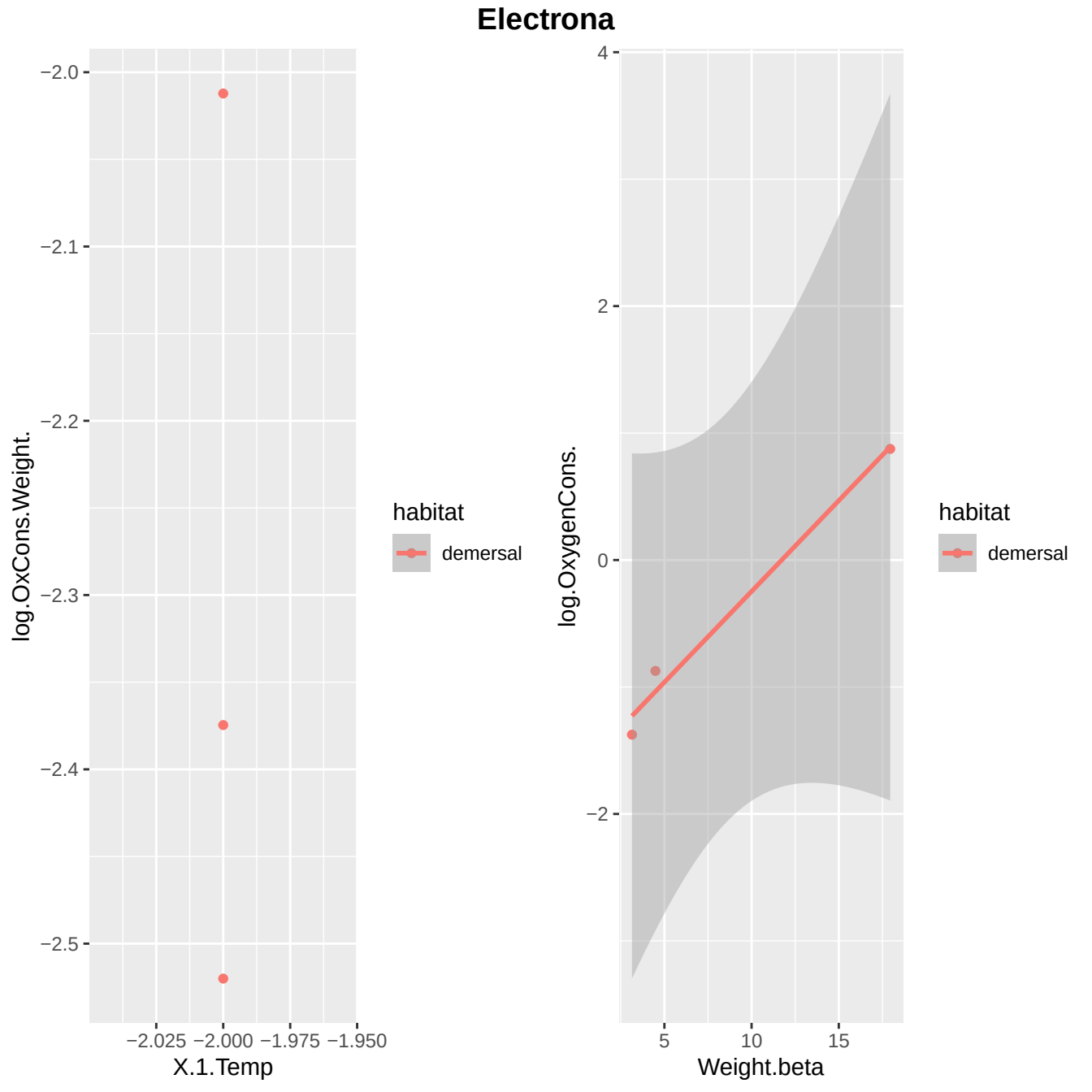

Diplodus
log.OxCons.Weight.
−0.6
−0.7
−0.8
−0.100
−0.075
−0.050
−0.025
X.1.Temp
habitat
demersal
log.OxygenCons.
1.675
1.650
1.625
1.600
9.5
10.0
10.5
11.0
11.5
Weight.beta
habitat
demersal

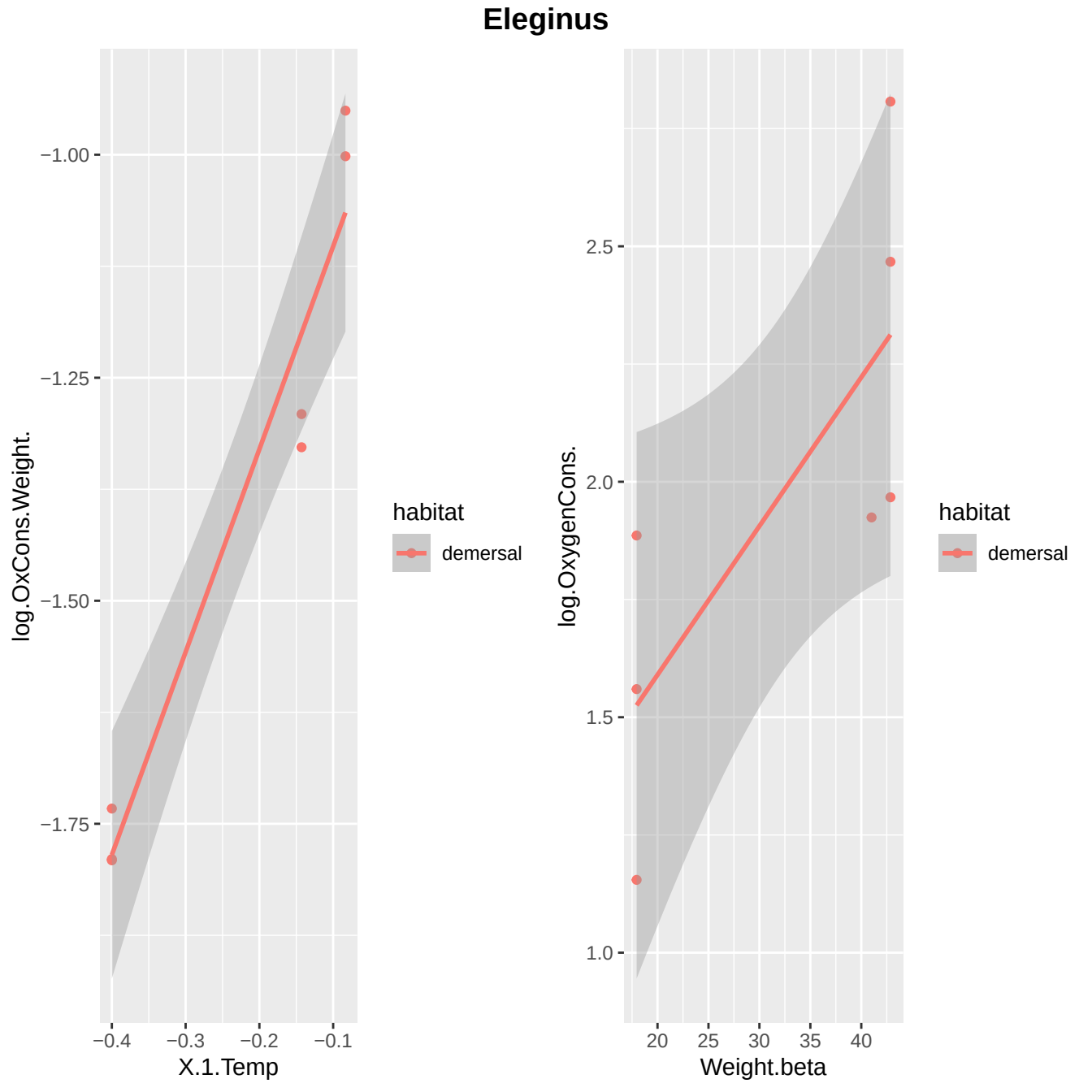
Dorosoma

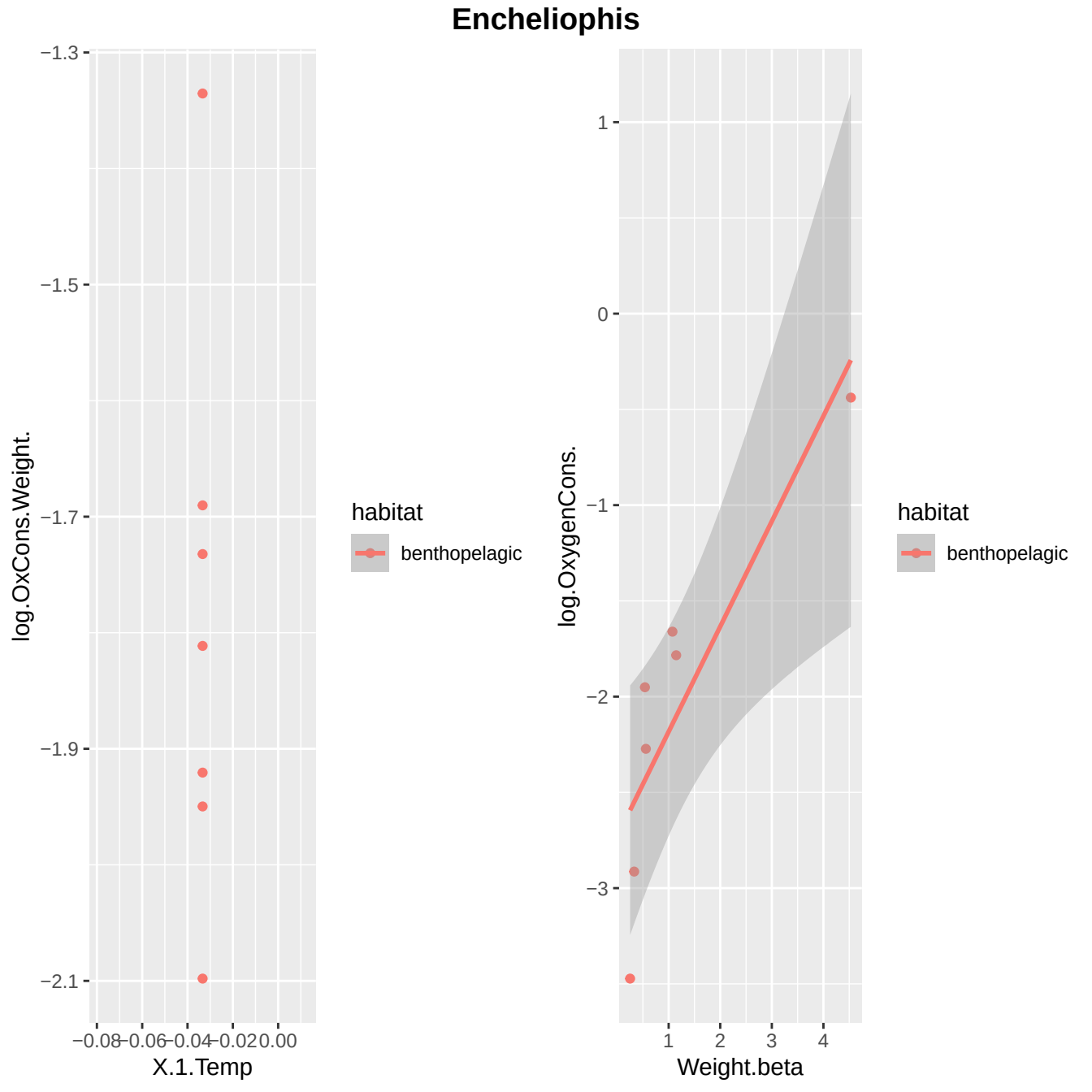

log.OxCons.Weight.
2
1
0
−1
−0.10
−0.08
−0.06
−0.04
X.1.Temp
habitat
pelagic


log.OxygenCons.
6
4
2
0
0
20
40
60
Weight.beta
habitat
pelagic

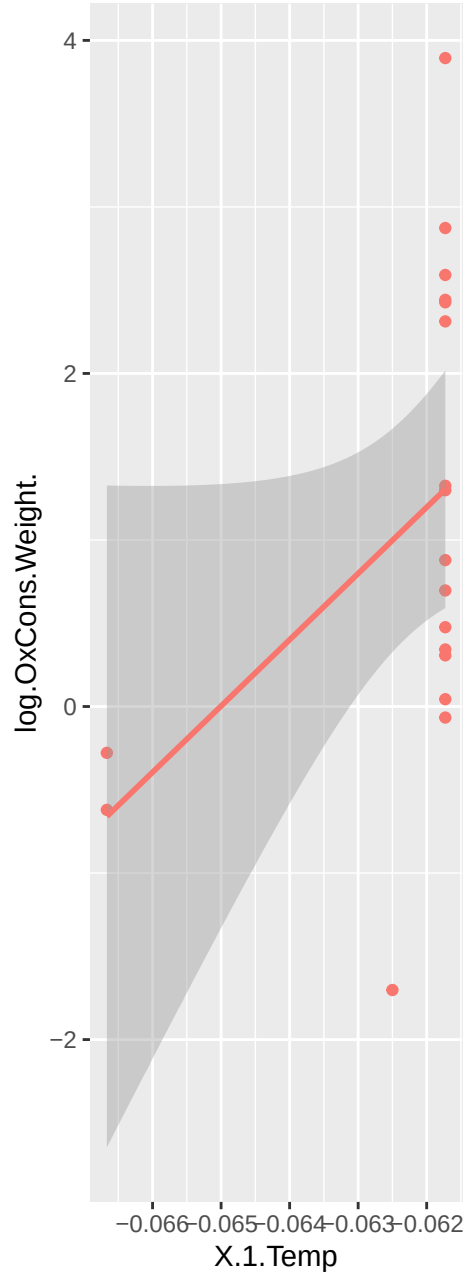

Echiichthys
log.OxCons.Weight.
−0.70
−0.75
−0.80
−0.85
−0.100
−0.075
−0.050
−0.025
X.1.Temp
habitat
demersal
log.OxygenCons.
1.05
1.00
0.95
0.90
5.76
5.78
5.80
5.82
Weight.beta
habitat
demersal


Electrona
log.OxCons.Weight.
−2.0
−2.1
−2.2
−2.3
−2.4
−2.5
−2.025
−2.000
−1.975
−1.950
X.1.Temp
habitat
demersal
log.OxygenCons.
4
2
0
−2
5
10
15
Weight.beta
habitat
demersal


Eleginus
log.OxCons.Weight.
−1.00
−1.25
−1.50
−1.75
−0.4
−0.3
−0.2
−0.1
X.1.Temp
habitat
demersal
log.OxygenCons.
2.5
2.0
1.5
1.0
20
25
30
35
40
Weight.beta
habitat
demersal

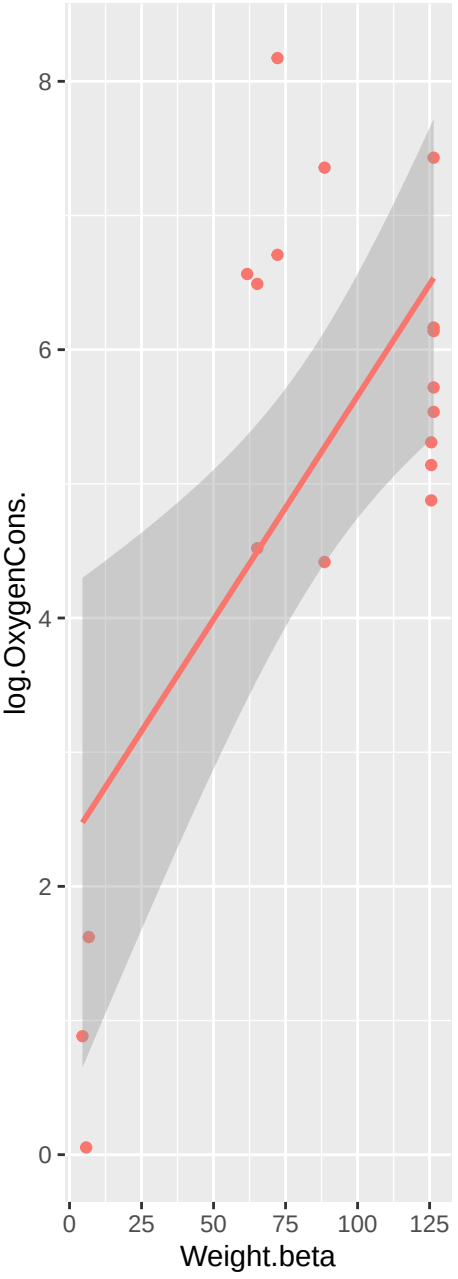

Encheliophis
−1.3
−1.5
−1.7
−1.9
−2.1
log.OxCons.Weight.
−0.08
−0.06
−0.04
−0.02
0.00
X.1.Temp
habitat
benthopelagic
1
0
−1
−2
−3
log.OxygenCons.
1
2
3
4
Weight.beta
habitat
benthopelagic

Engraulis



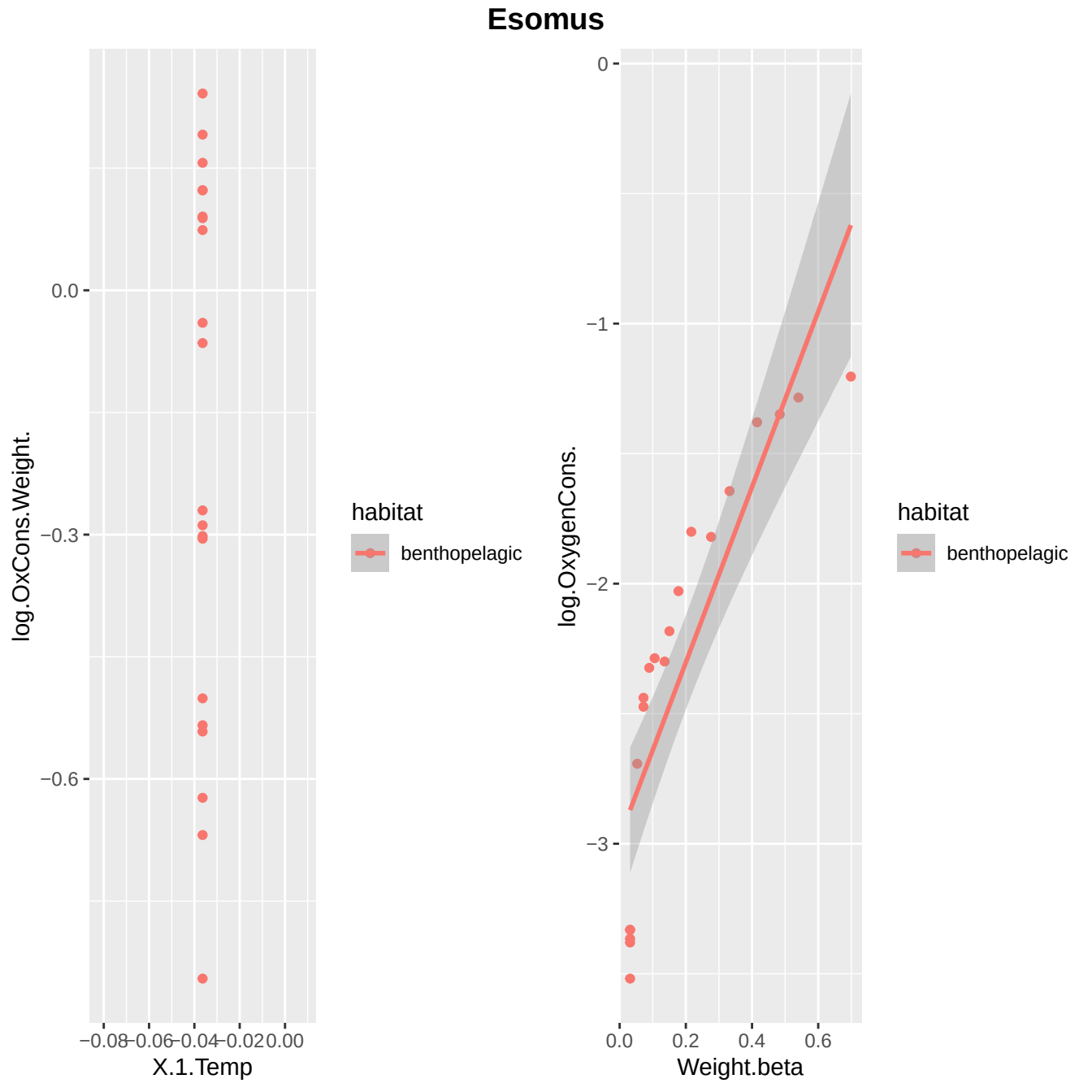
habitat

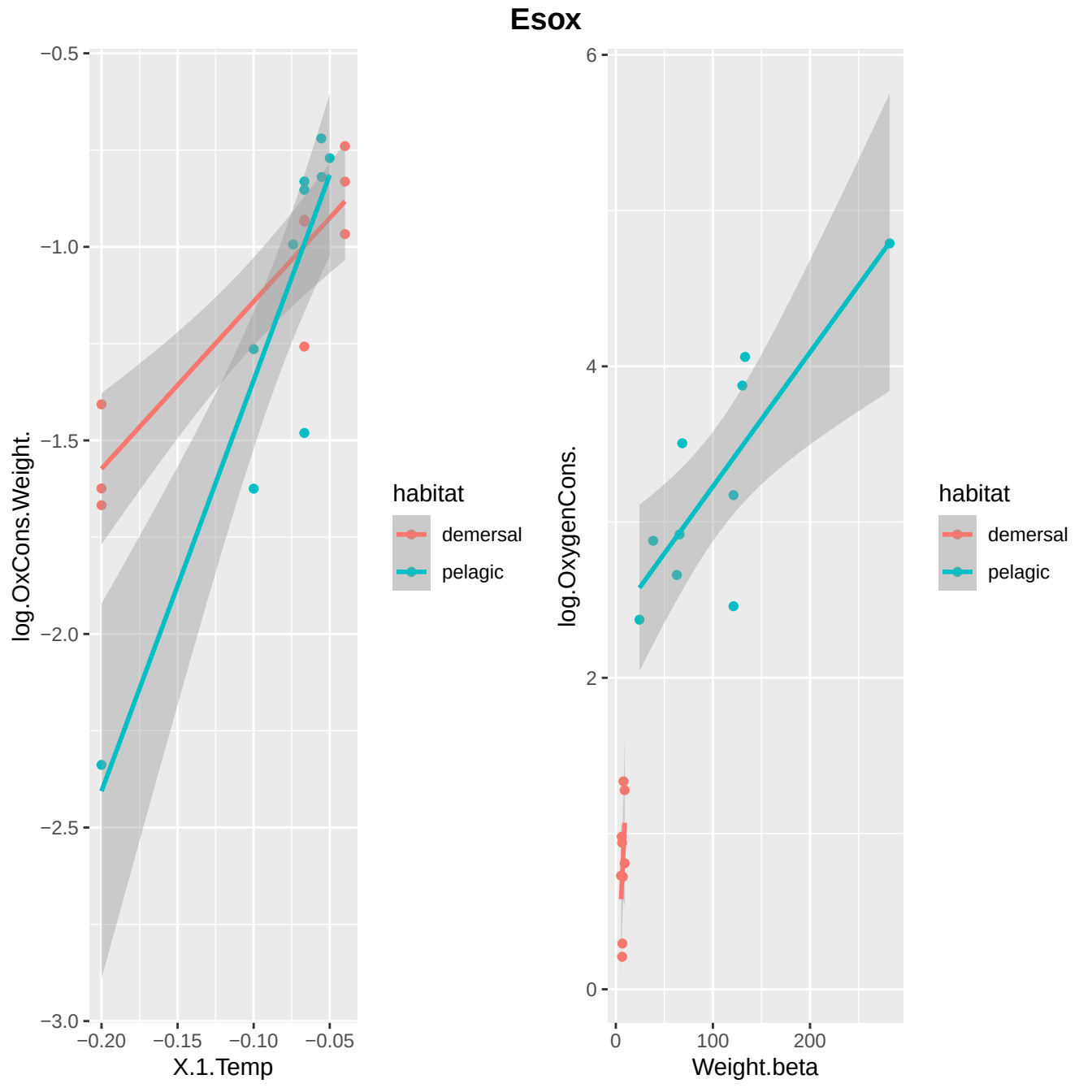
pelagic

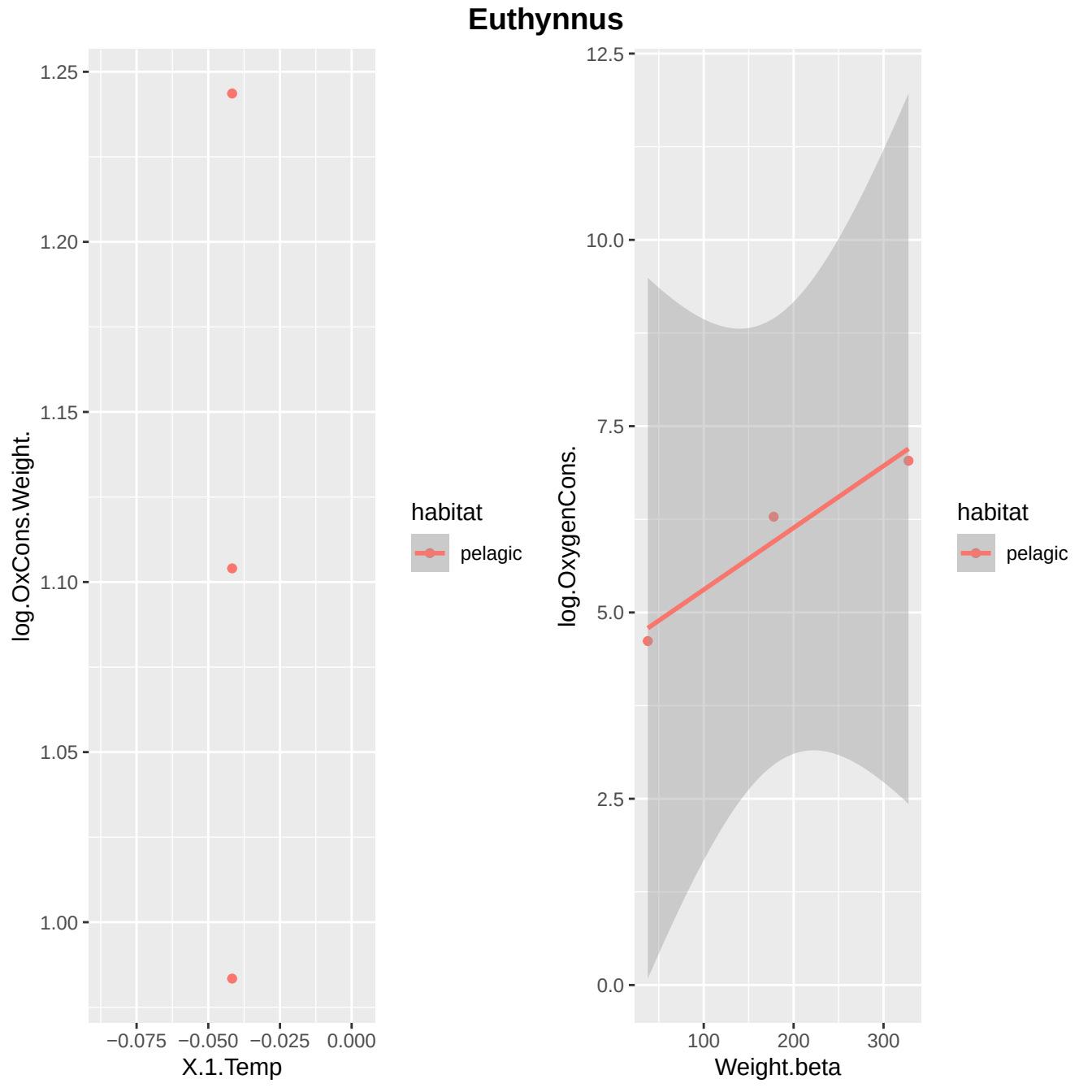


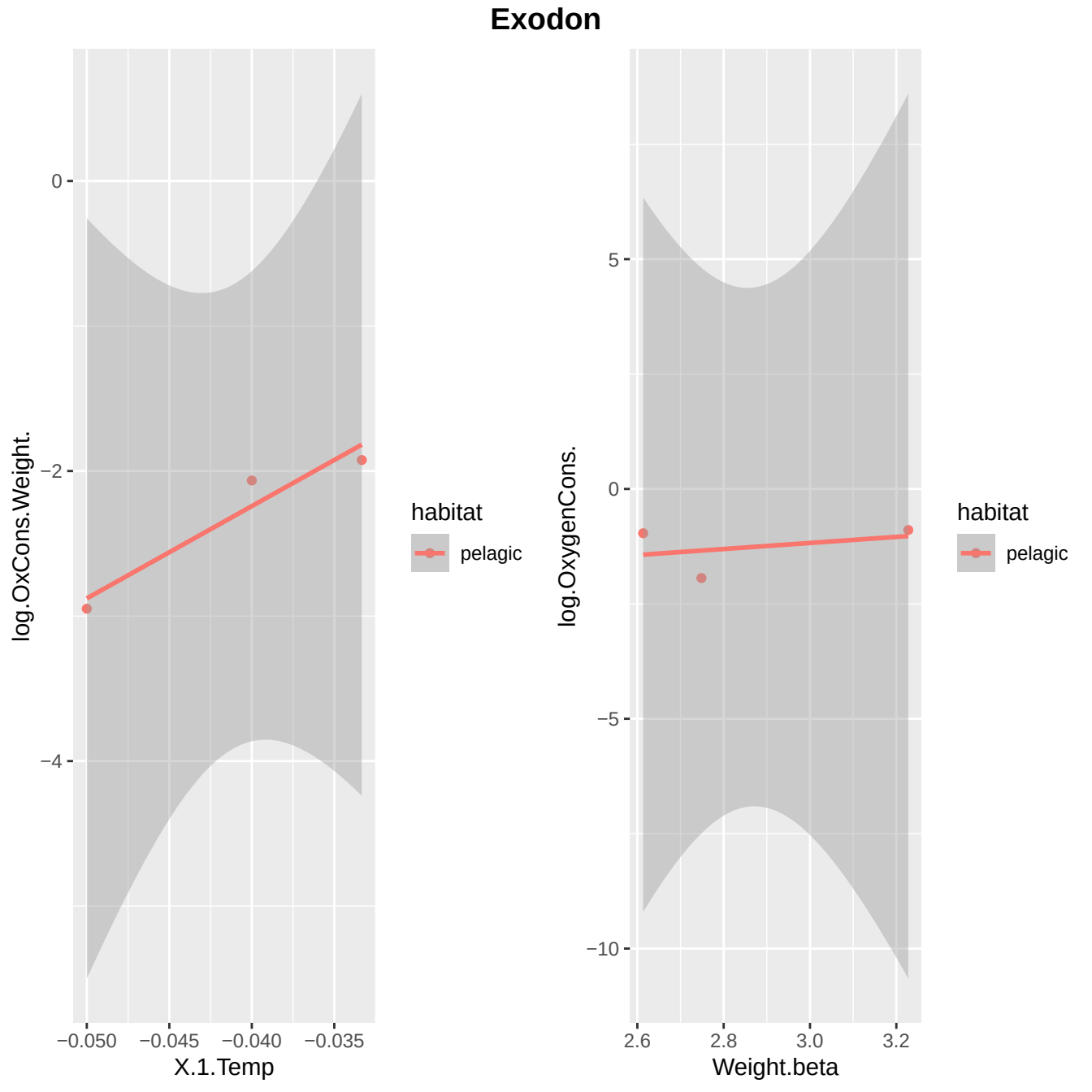
habitat

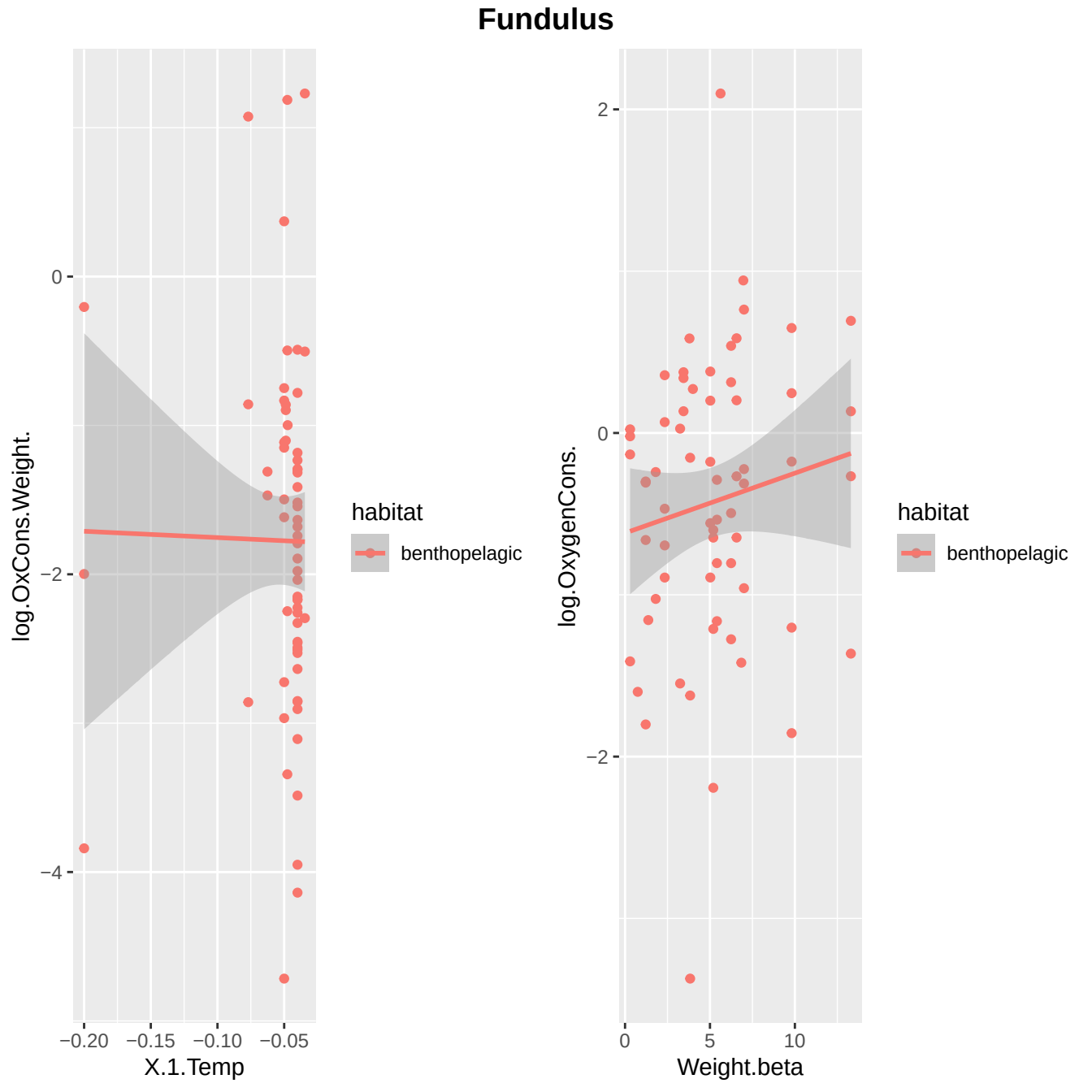
pelagic

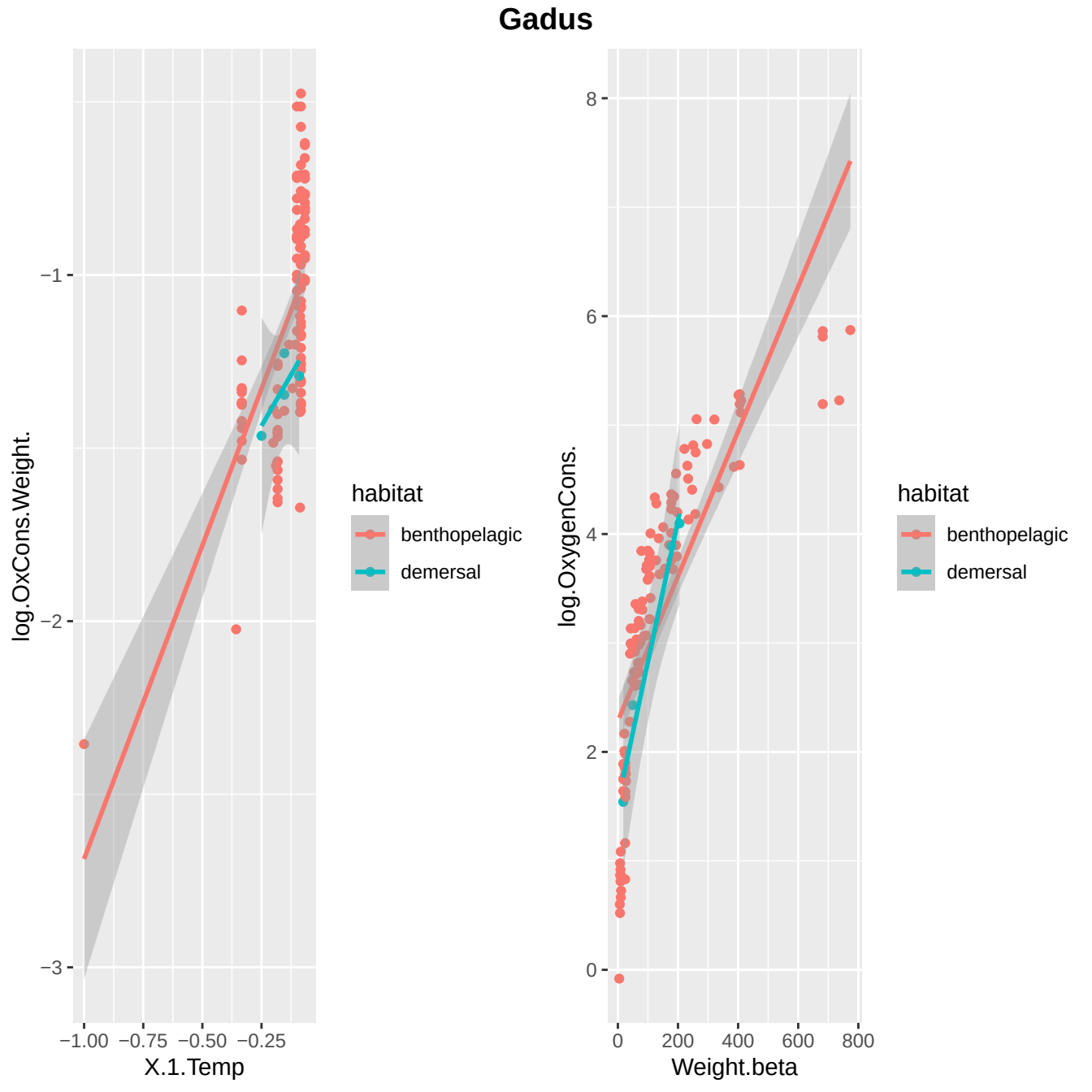

Esomus
log.OxCons.Weight.
0.0
−0.3
−0.6
−0.08
−0.06
−0.04
−0.02
0.00
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
0
−1
−2
−3
0.0
0.2
0.4
0.6
Weight.beta
habitat
benthopelagic


Esox
log.OxCons.Weight.
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
−0.20
−0.15
−0.10
−0.05
X.1.Temp
habitat
demersal
pelagic
log.OxygenCons.
6
4
2
0
0
100
200
Weight.beta
habitat
demersal
pelagic

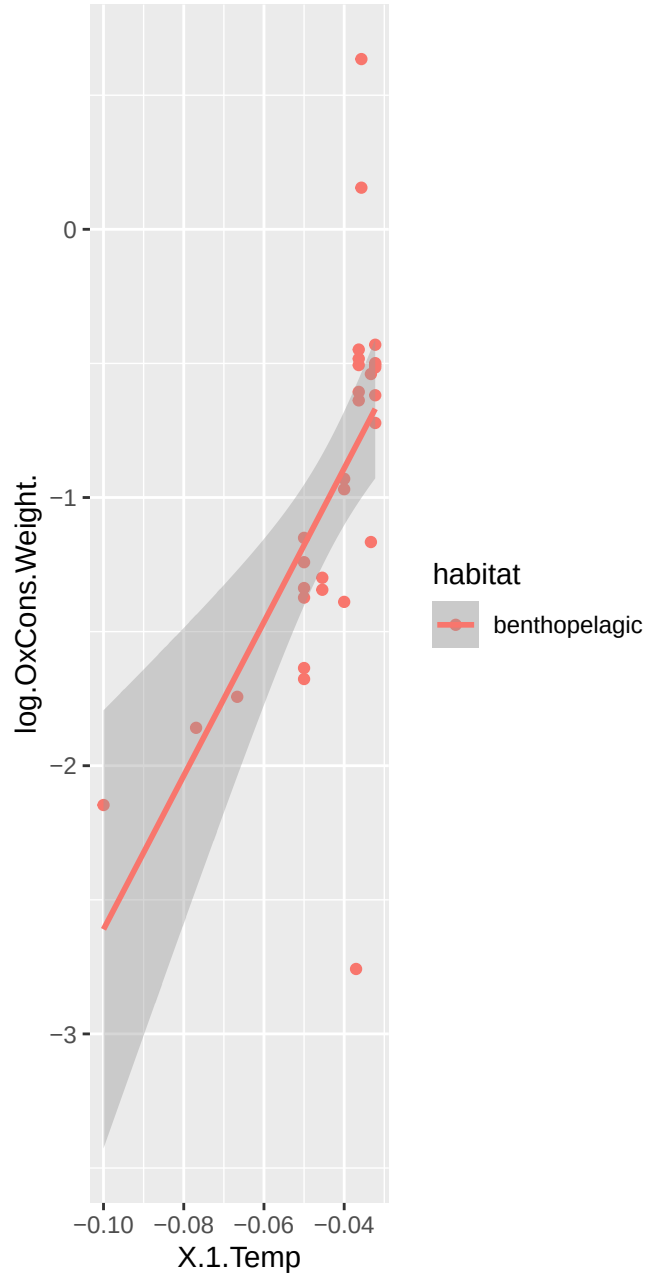

Euthynnus
log.OxCons.Weight.
1.25
1.20
1.15
1.10
1.05
1.00
−0.075
−0.050
−0.025
0.000
X.1.Temp
habitat
pelagic
log.OxygenCons.
12.5
10.0
7.5
5.0
2.5
0.0
100
200
300
Weight.beta
habitat
pelagic

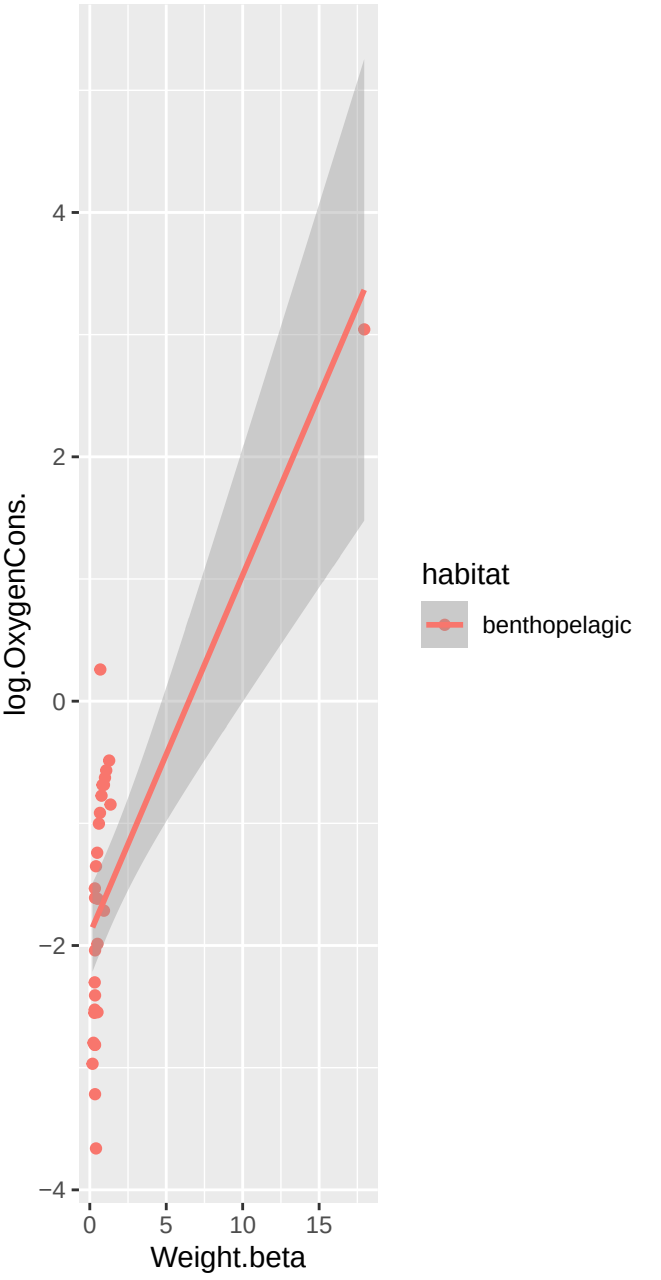

Exodon
log.OxCons.Weight.
0
−2
−4
−0.050
−0.045
−0.040
−0.035
X.1.Temp
habitat
pelagic
log.OxygenCons.
5
0
−5
−10
2.6
2.8
3.0
3.2
Weight.beta
habitat
pelagic

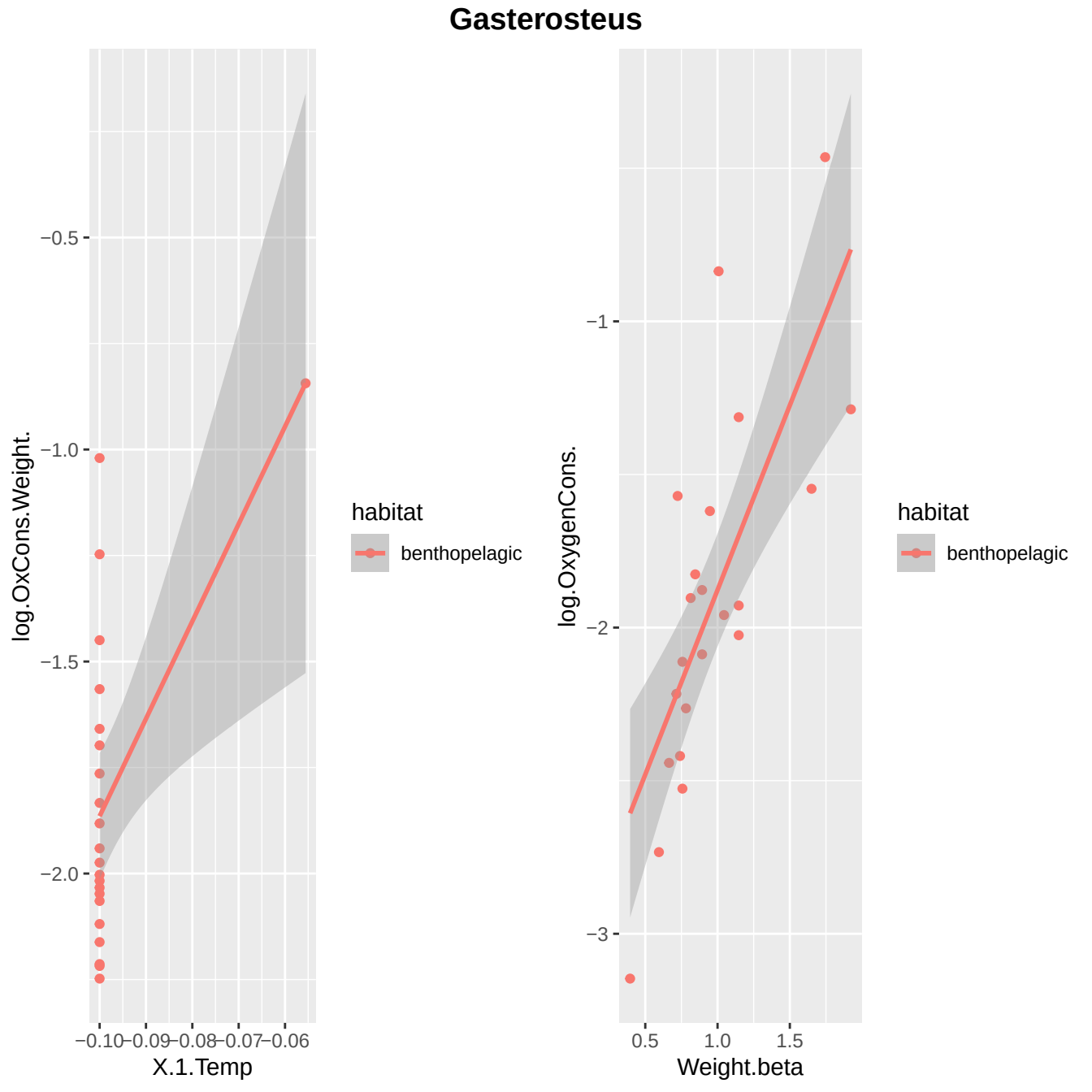

Fundulus
log.OxCons.Weight.
0
−2
−4
−0.20
−0.15
−0.10
−0.05
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
2
0
−2
0
5
10
Weight.beta
habitat
benthopelagic

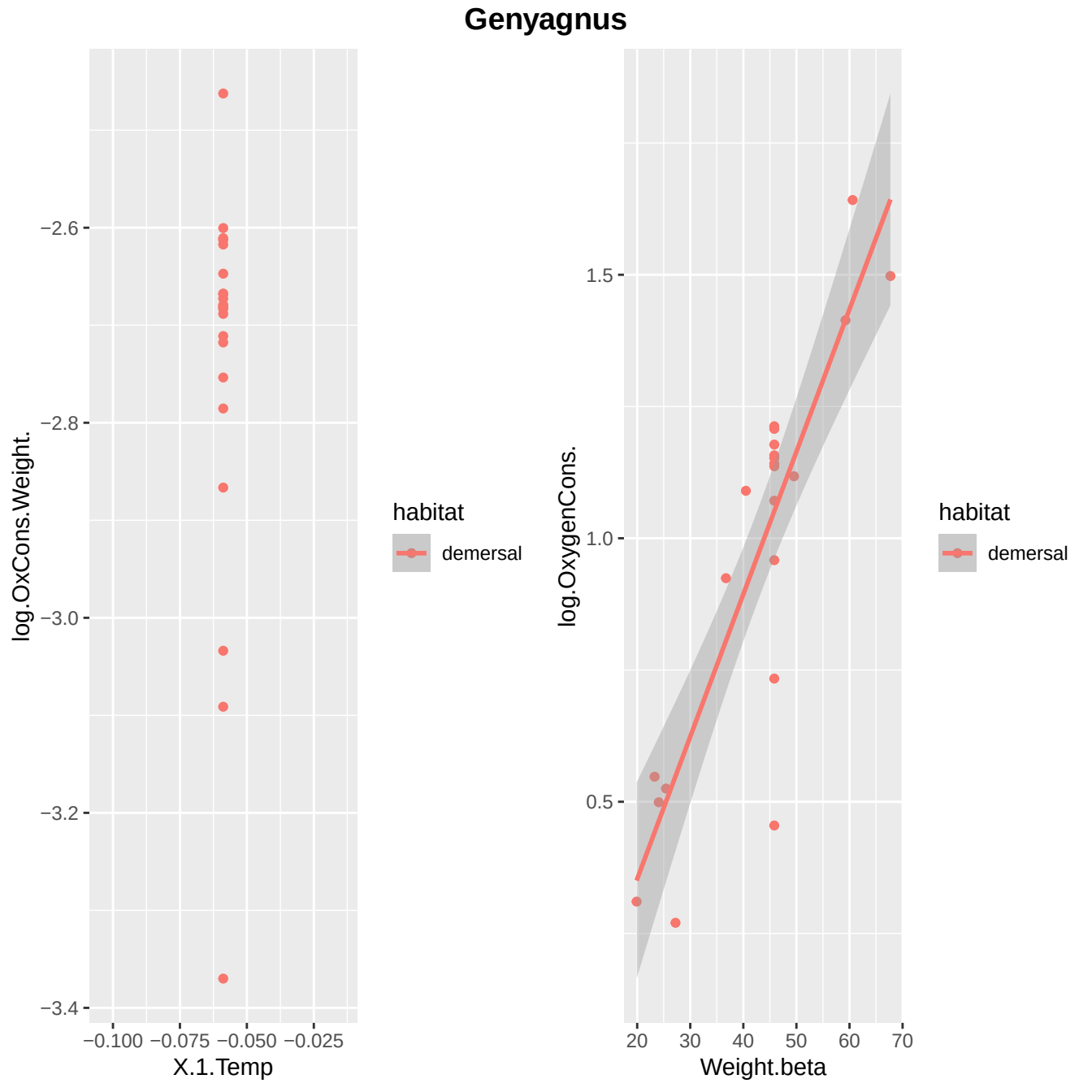

Gadus
log.OxCons.Weight.
−1
−2
−3
−1.00
−0.75
−0.50
−0.25
X.1.Temp
habitat
benthopelagic
demersal
log.OxygenCons.
8
6
4
2
0
0
200
400
600
800
Weight.beta
habitat
benthopelagic
demersal

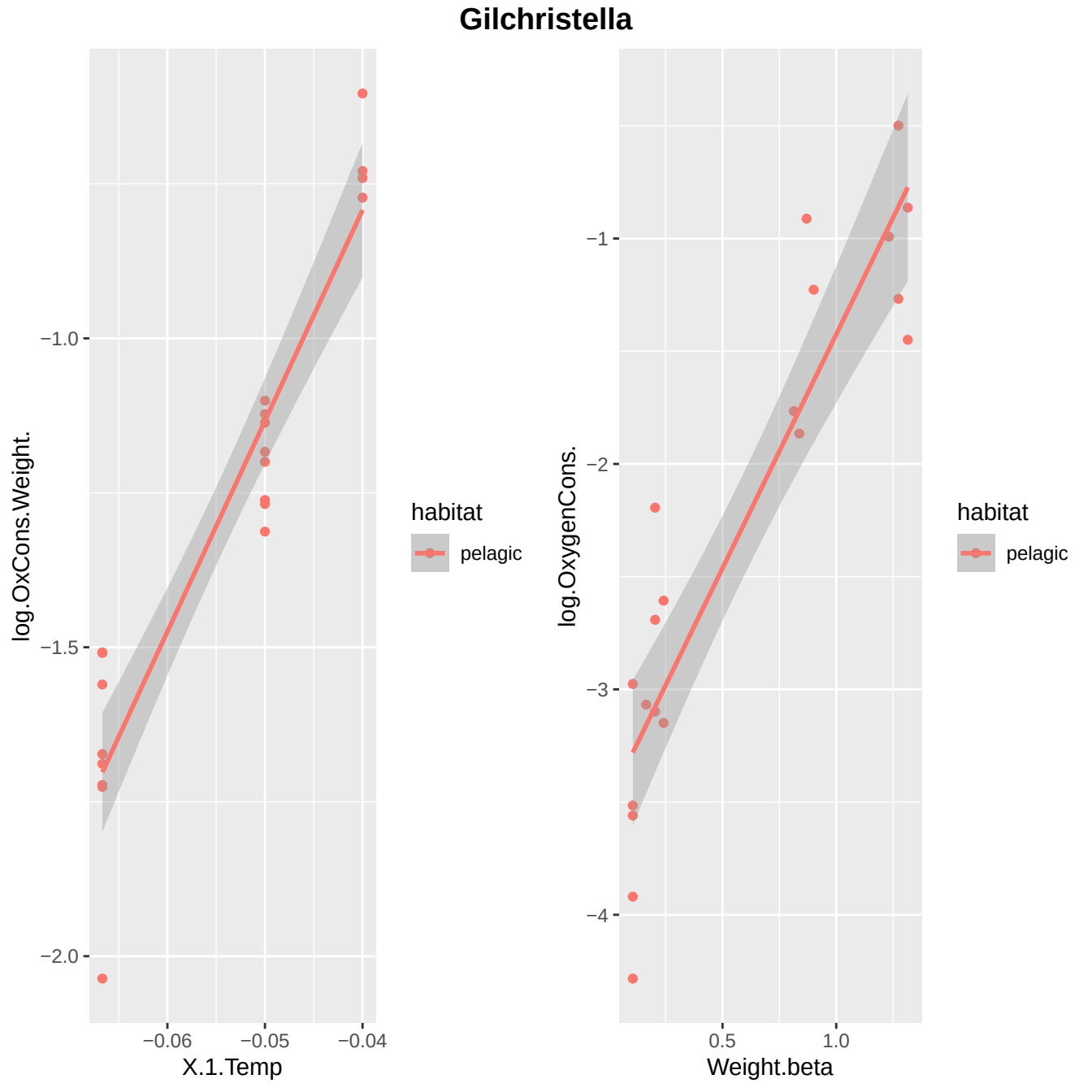
Gambusia

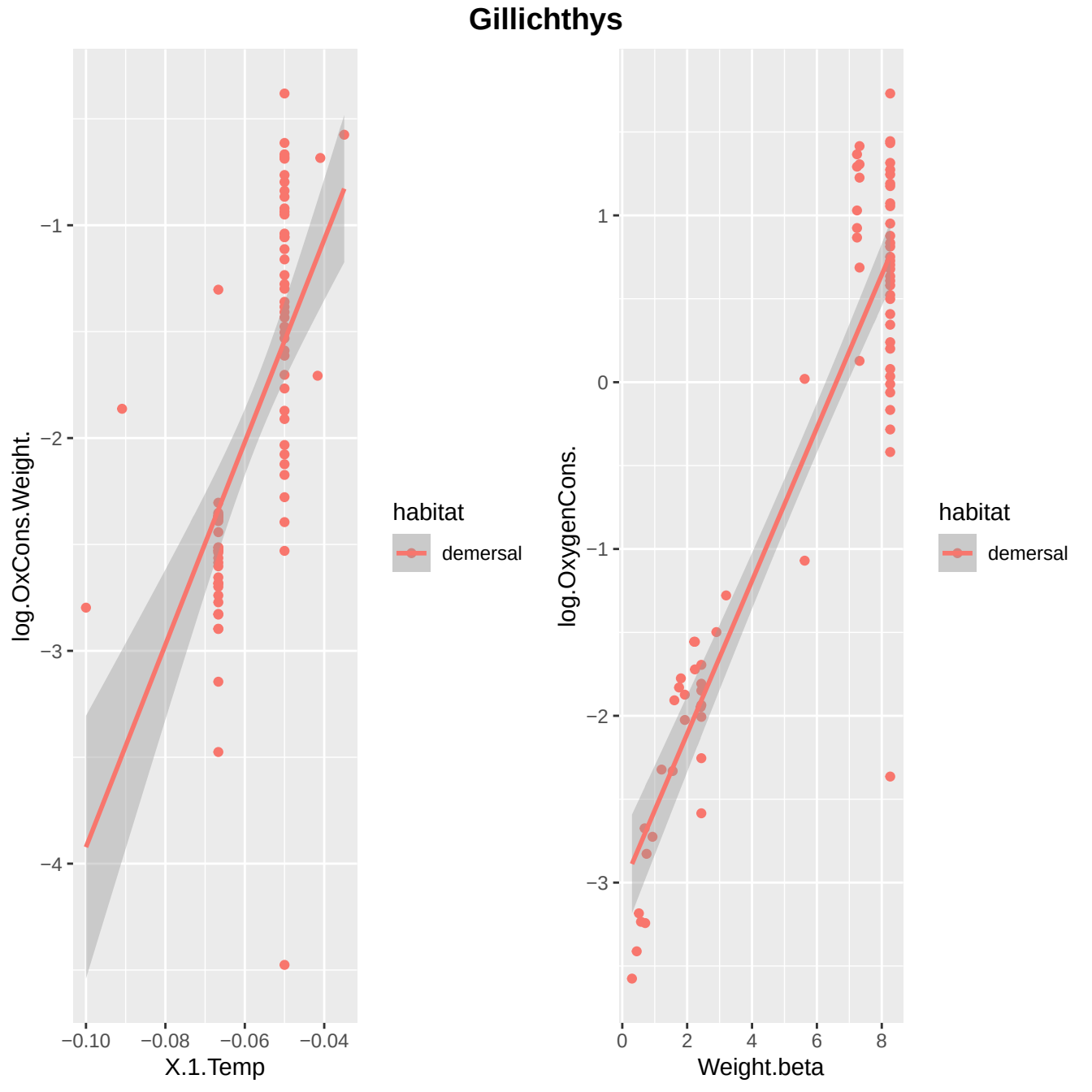

log.OxCons.Weight.
0
−1
−2
−3
−0.10
−0.08
−0.06
−0.04
X.1.Temp
habitat
benthopelagic

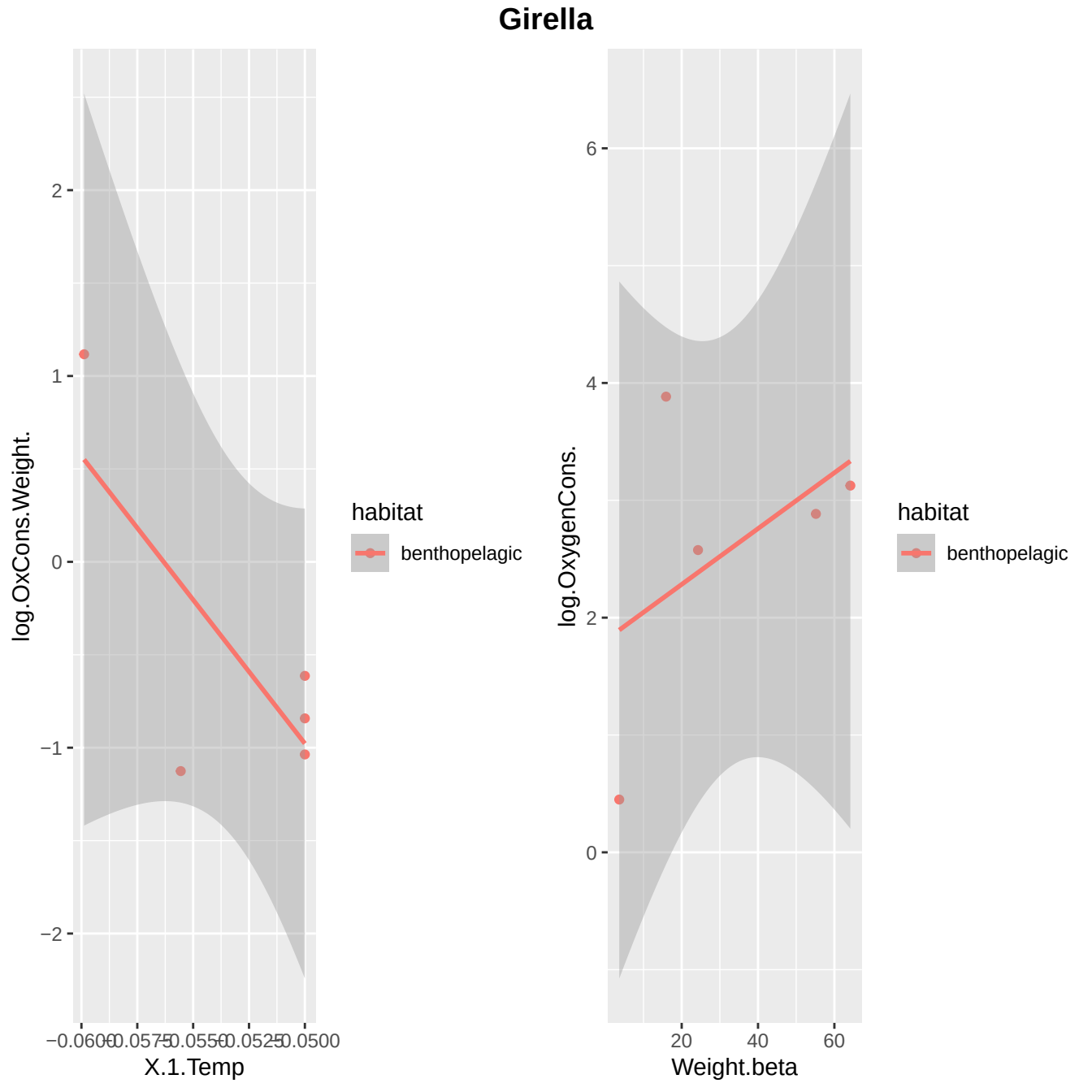

log.OxygenCons.
4
2
0
−2
−4
0
5
10
15
Weight.beta
habitat
benthopelagic

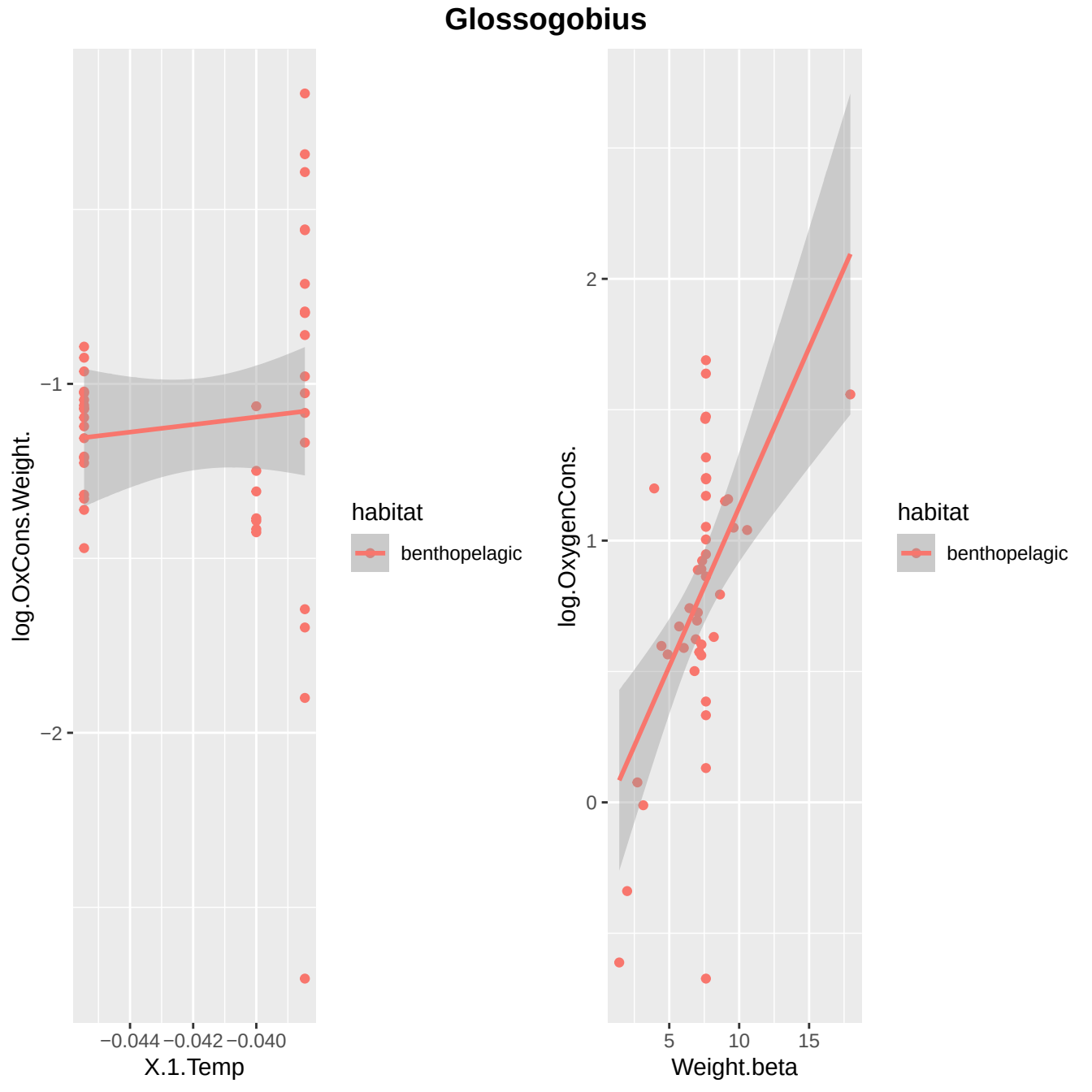

Gasterosteus
log.OxCons.Weight.
−0.5
−1.0
−1.5
−2.0
−0.10
−0.09
−0.08
−0.07
−0.06
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
−1
−2
−3
0.5
1.0
1.5
Weight.beta
habitat
benthopelagic

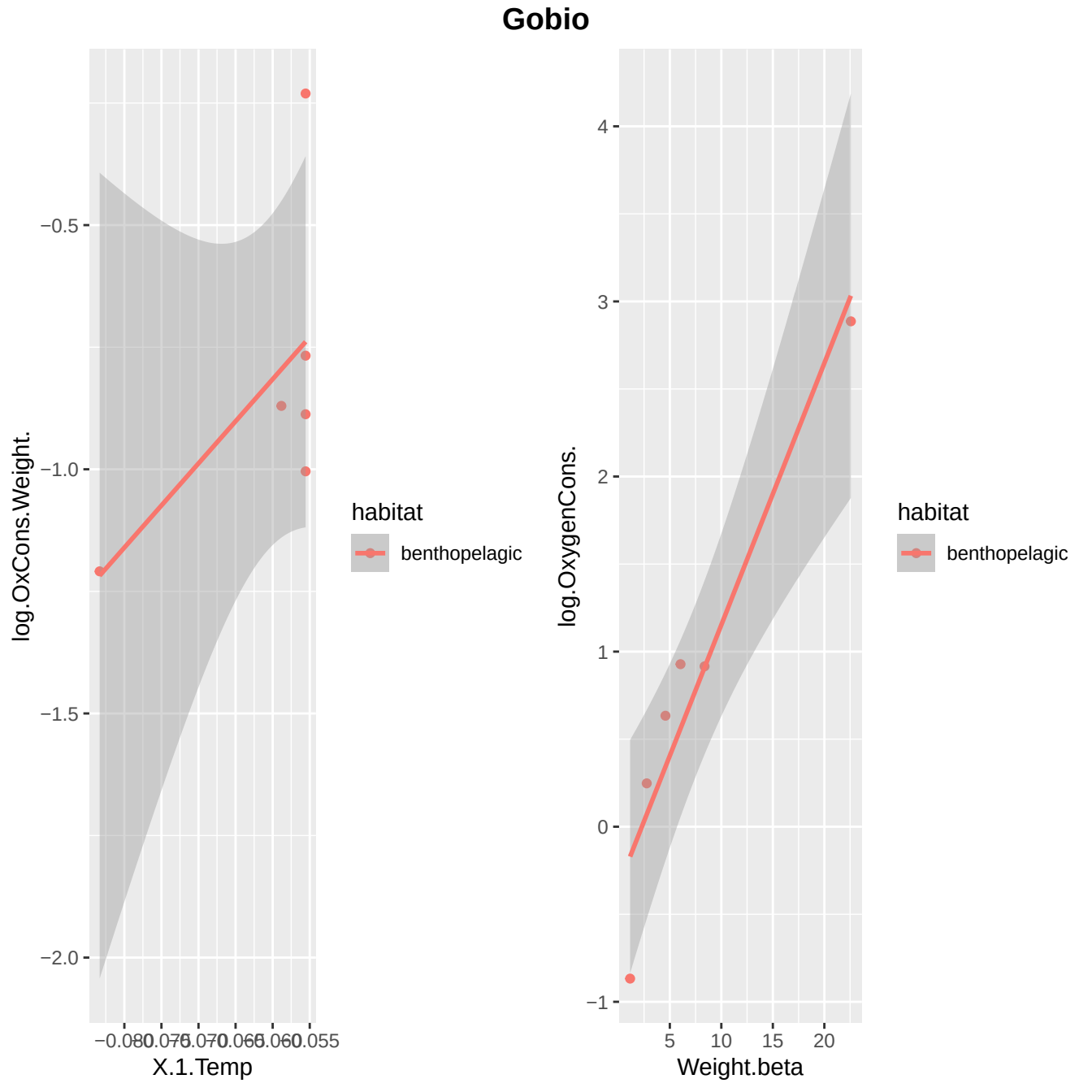

Genyagnus
log.OxCons.Weight.
−2.6
−2.8
−3.0
−3.2
−3.4
−0.100
−0.075
−0.050
−0.025
X.1.Temp
habitat
demersal
log.OxygenCons.
1.5
1.0
0.5
20
30
40
50
60
70
Weight.beta
habitat
demersal

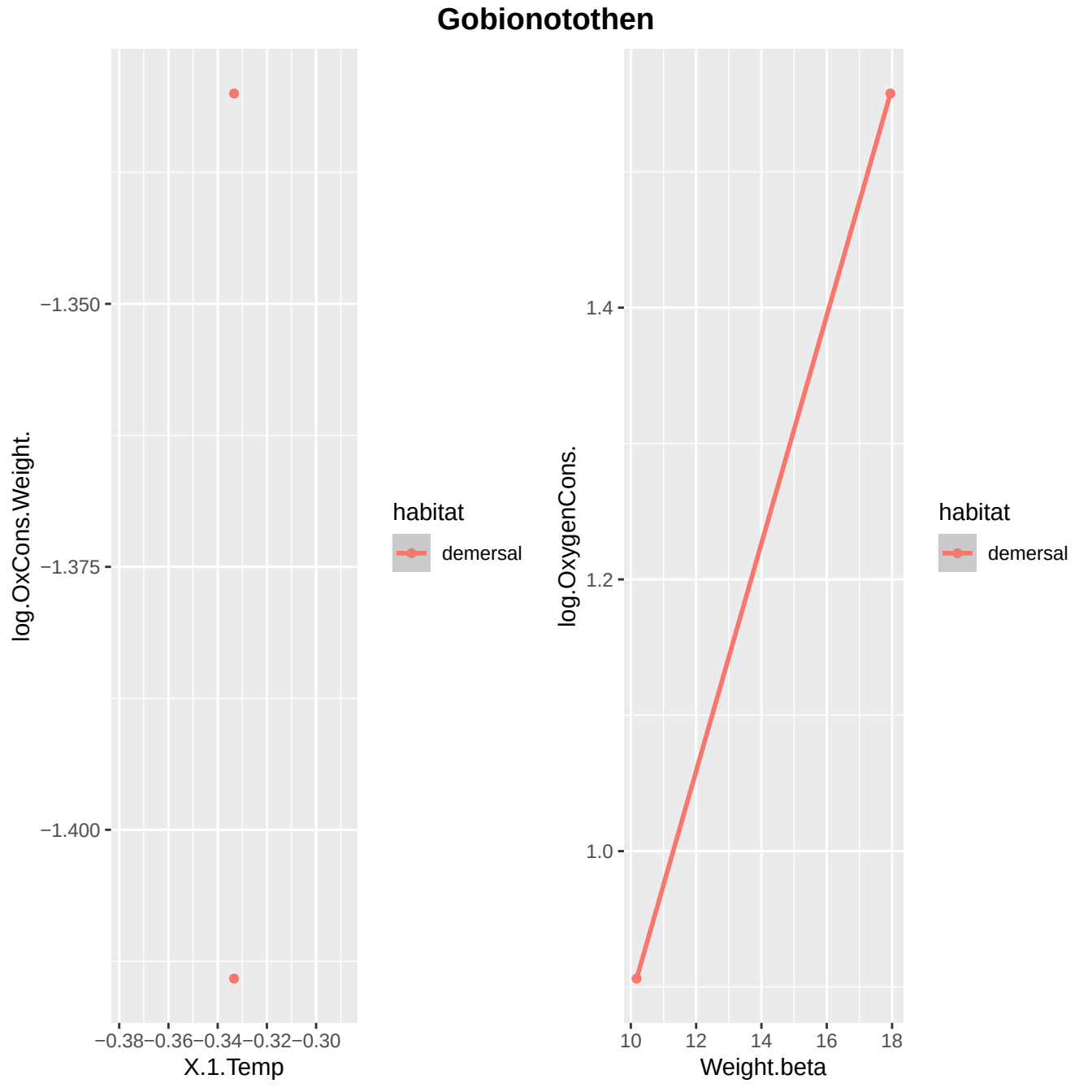

Gilchristella
log.OxCons.Weight.
−1.0
−1.5
−2.0
−0.06
−0.05
−0.04
X.1.Temp
habitat
pelagic
log.OxygenCons.
−1
−2
−3
−4
0.5
1.0
Weight.beta
habitat
pelagic

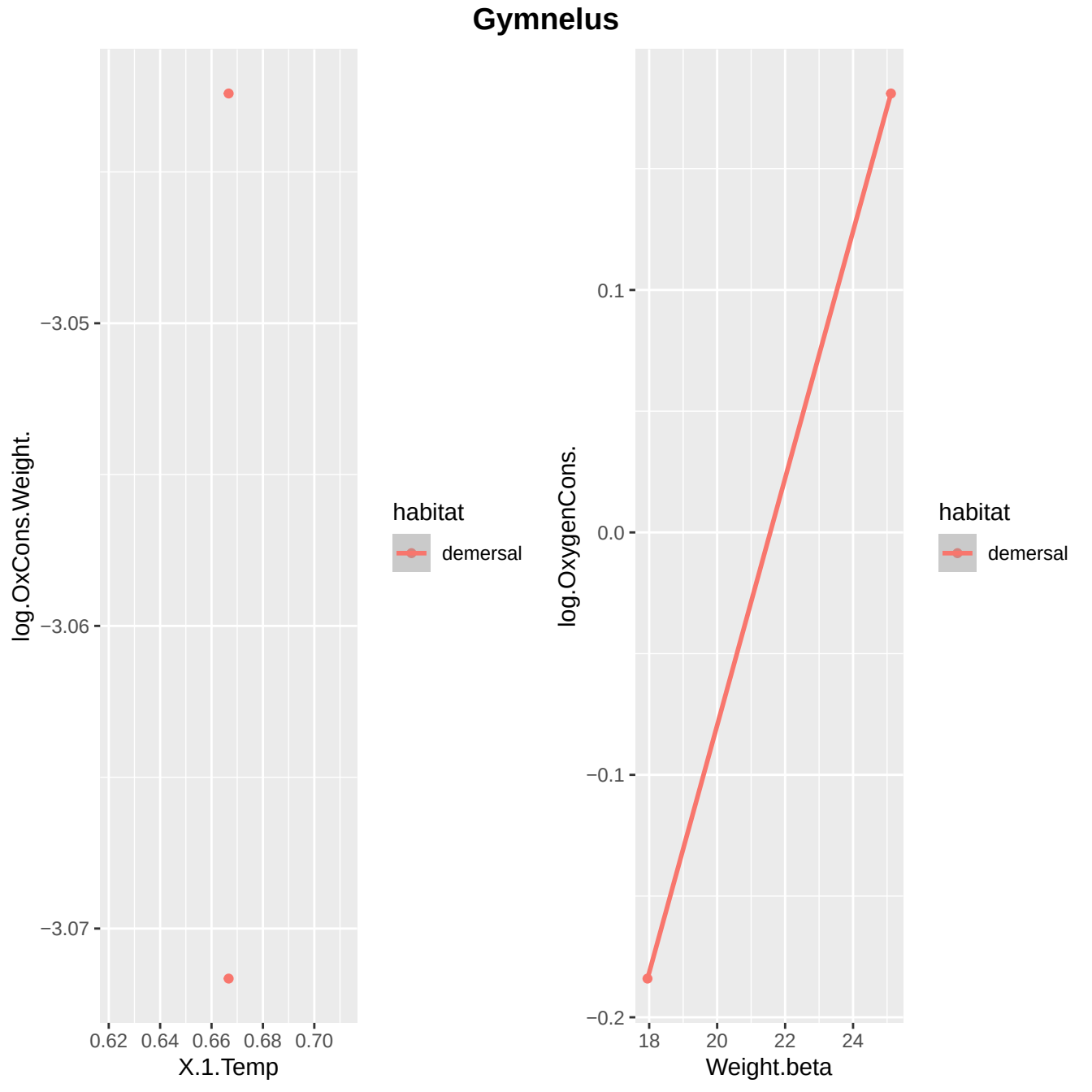

Gillichthys
log.OxCons.Weight.
−1
−2
−3
−4
−0.10
−0.08
−0.06
−0.04
X.1.Temp
habitat
demersal
log.OxygenCons.
1
0
−1
−2
−3
0
2
4
6
8
Weight.beta
habitat
demersal

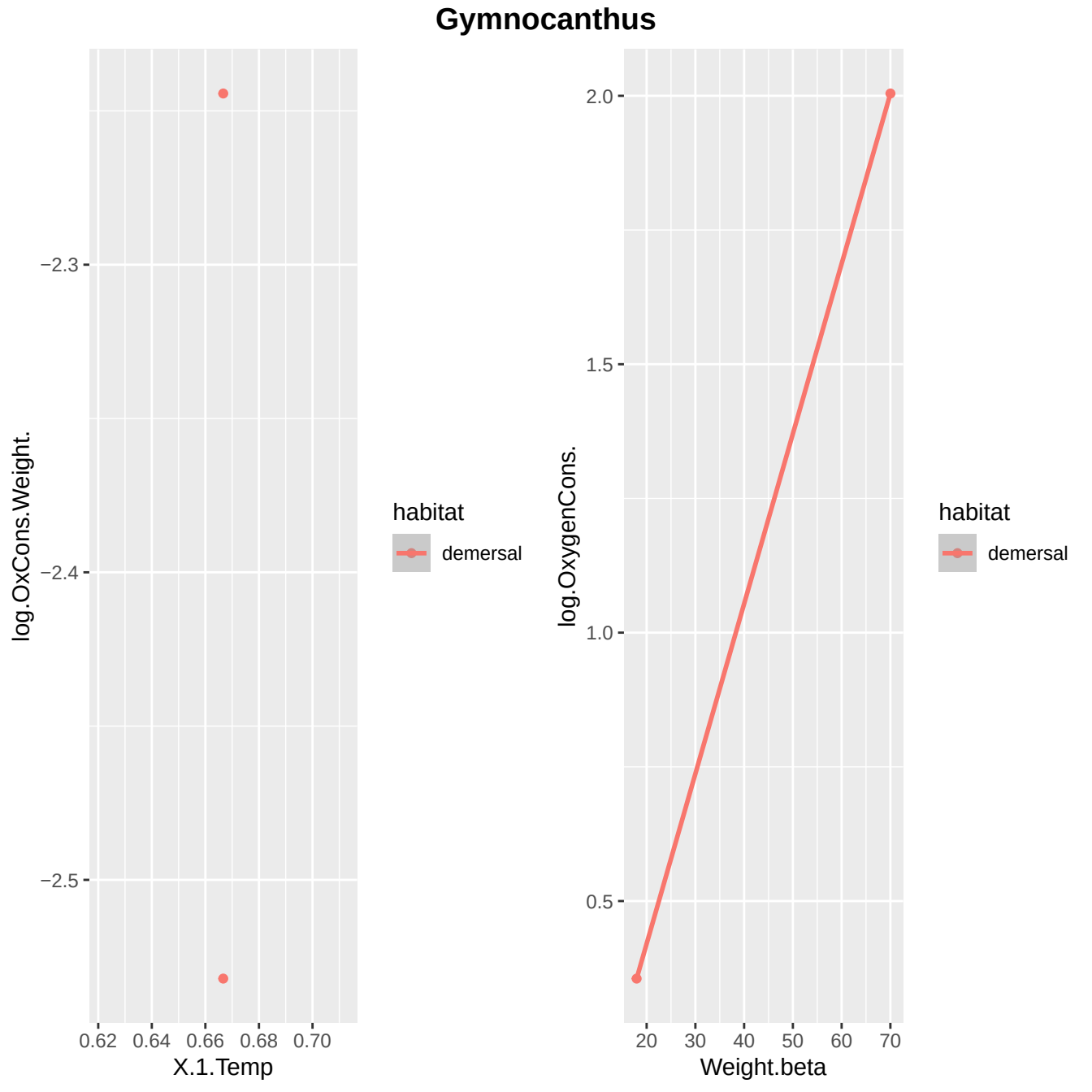

Girella
log.OxCons.Weight.
2
1
0
−1
−2
−0.0600
−0.0575
−0.0550
−0.0525
−0.0500
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
6
4
2
0
20
40
60
Weight.beta
habitat
benthopelagic

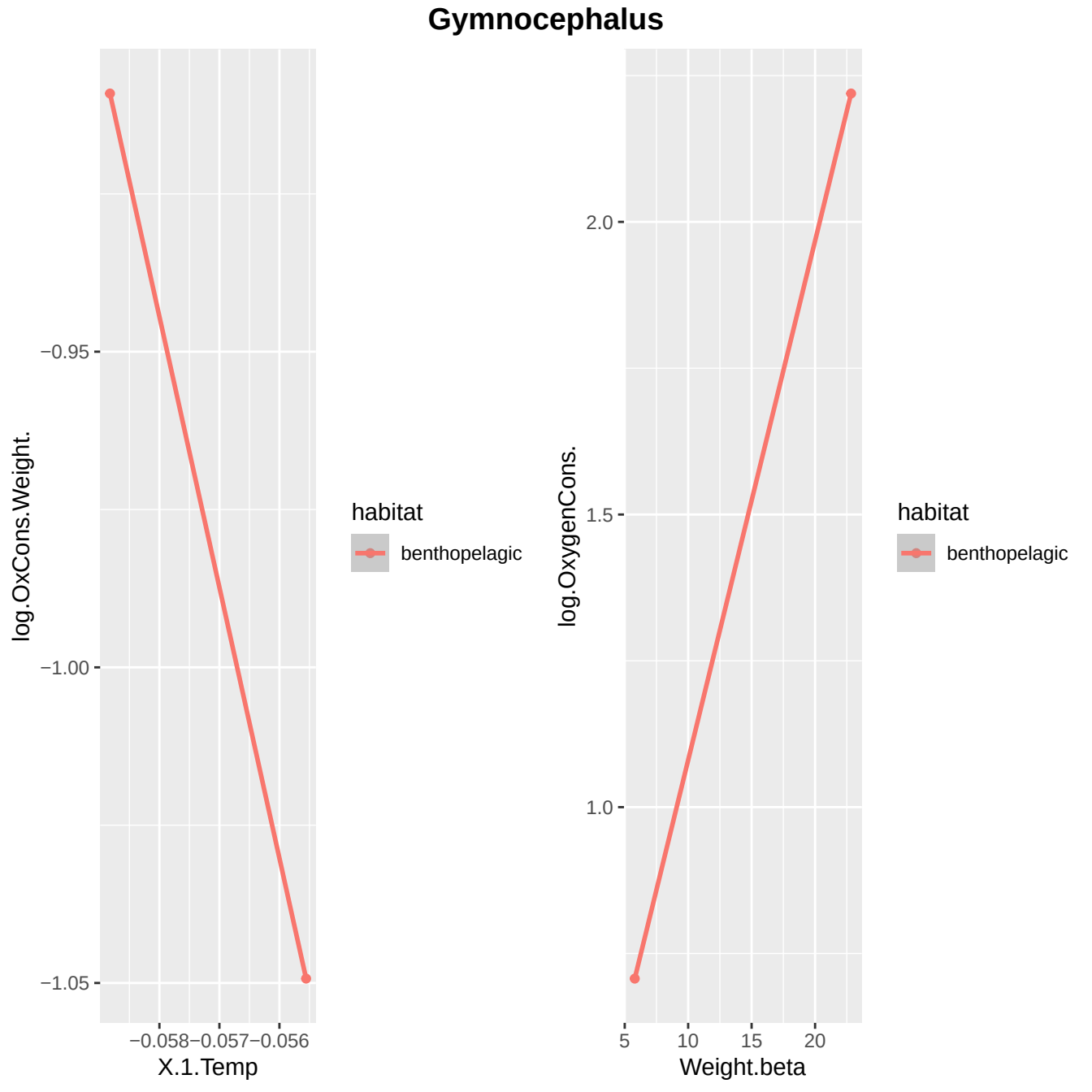

Glossogobius
log.OxCons.Weight.
−1
−2
−0.044
−0.042
−0.040
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
2
1
0
5
10
15
Weight.beta
habitat
benthopelagic

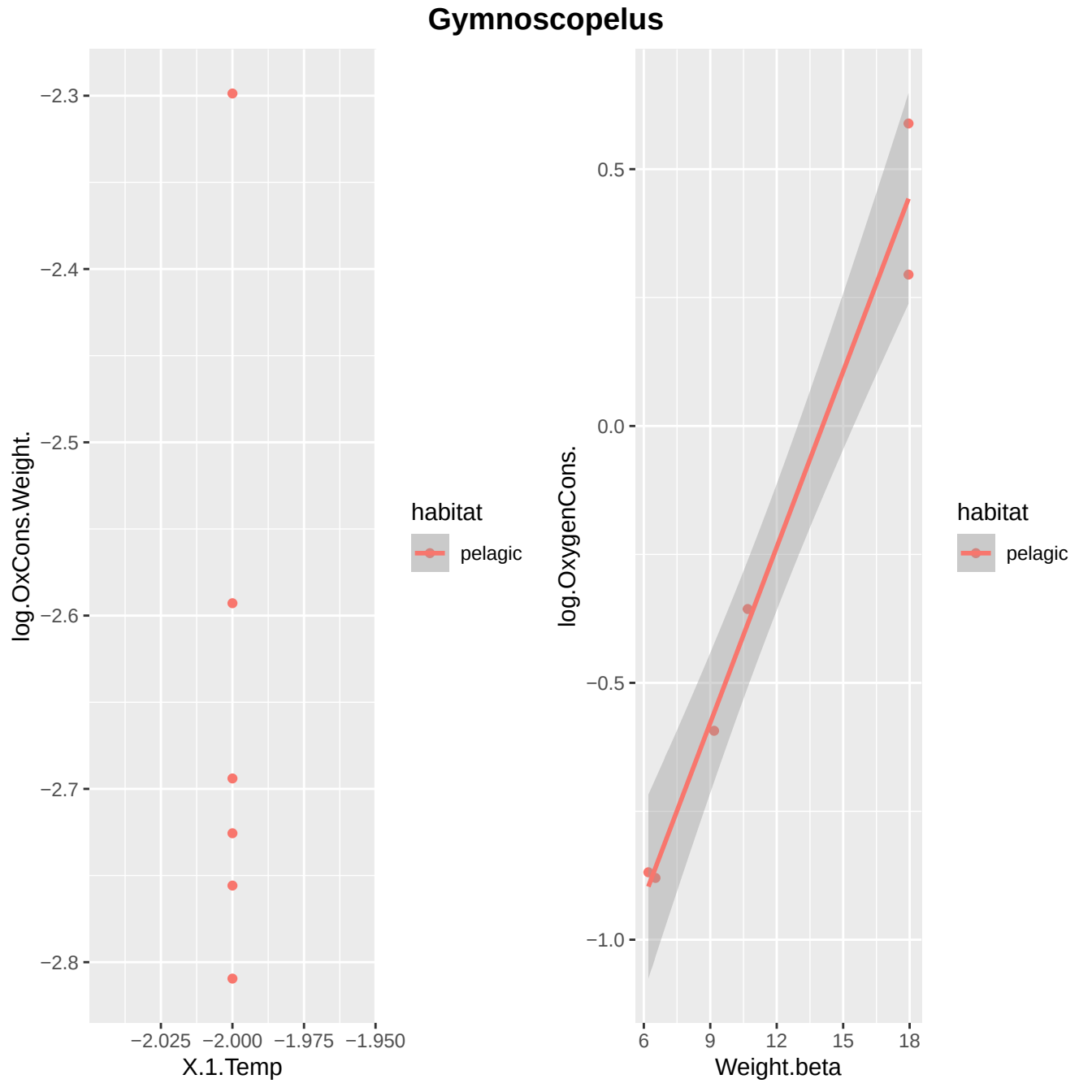

Gobio
log.OxCons.Weight.
−0.5
−1.0
−1.5
−2.0
−0.080
−0.075
−0.070
−0.065
−0.060
−0.055
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
4
3
2
1
0
−1
5
10
15
20
Weight.beta
habitat
benthopelagic

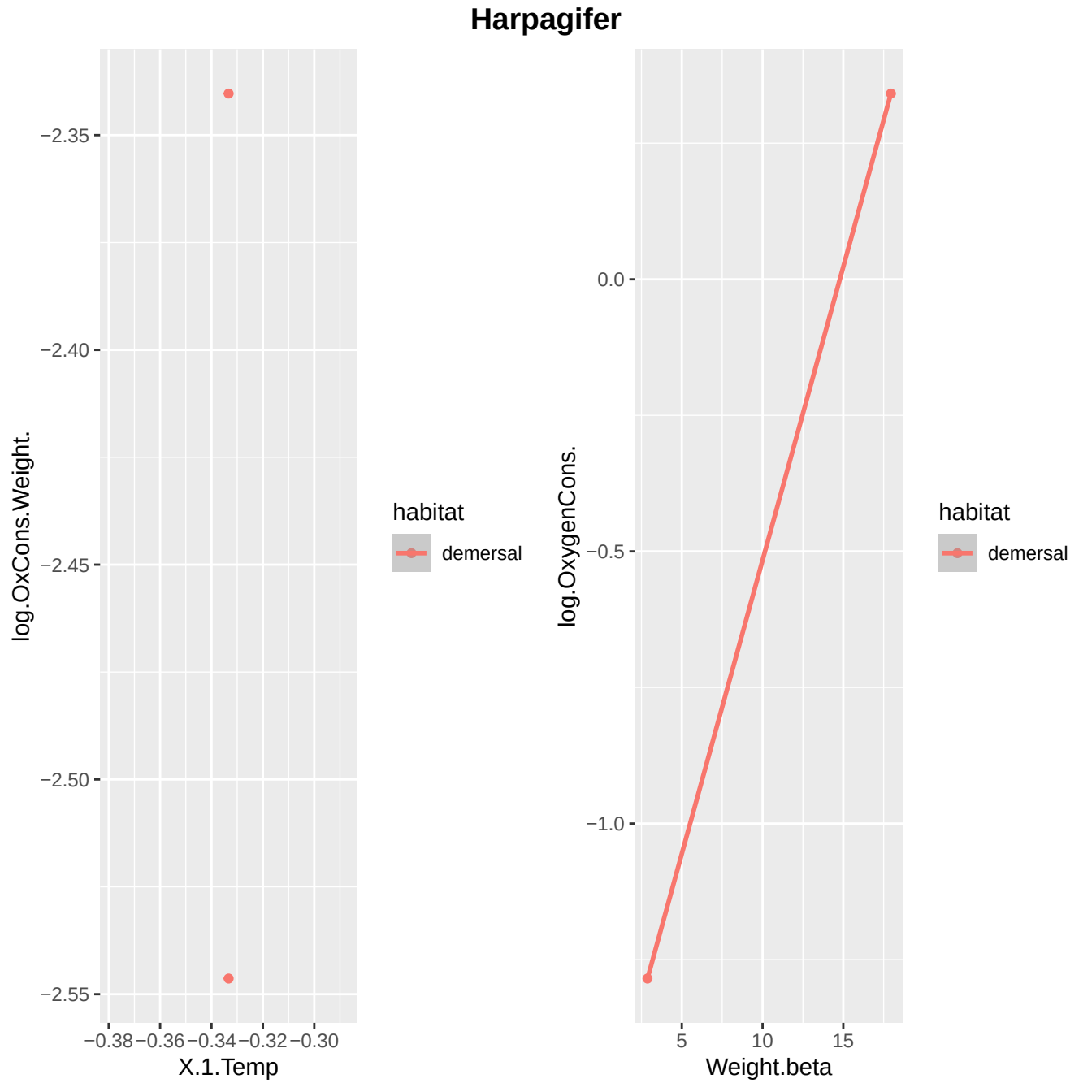

Gobionotothen
log.OxCons.Weight.
−1.350
−1.375
−1.400
−0.38
−0.36
−0.34
−0.32
−0.30
X.1.Temp
habitat
demersal
log.OxygenCons.
1.4
1.2
1.0
10
12
14
16
18
Weight.beta
habitat
demersal

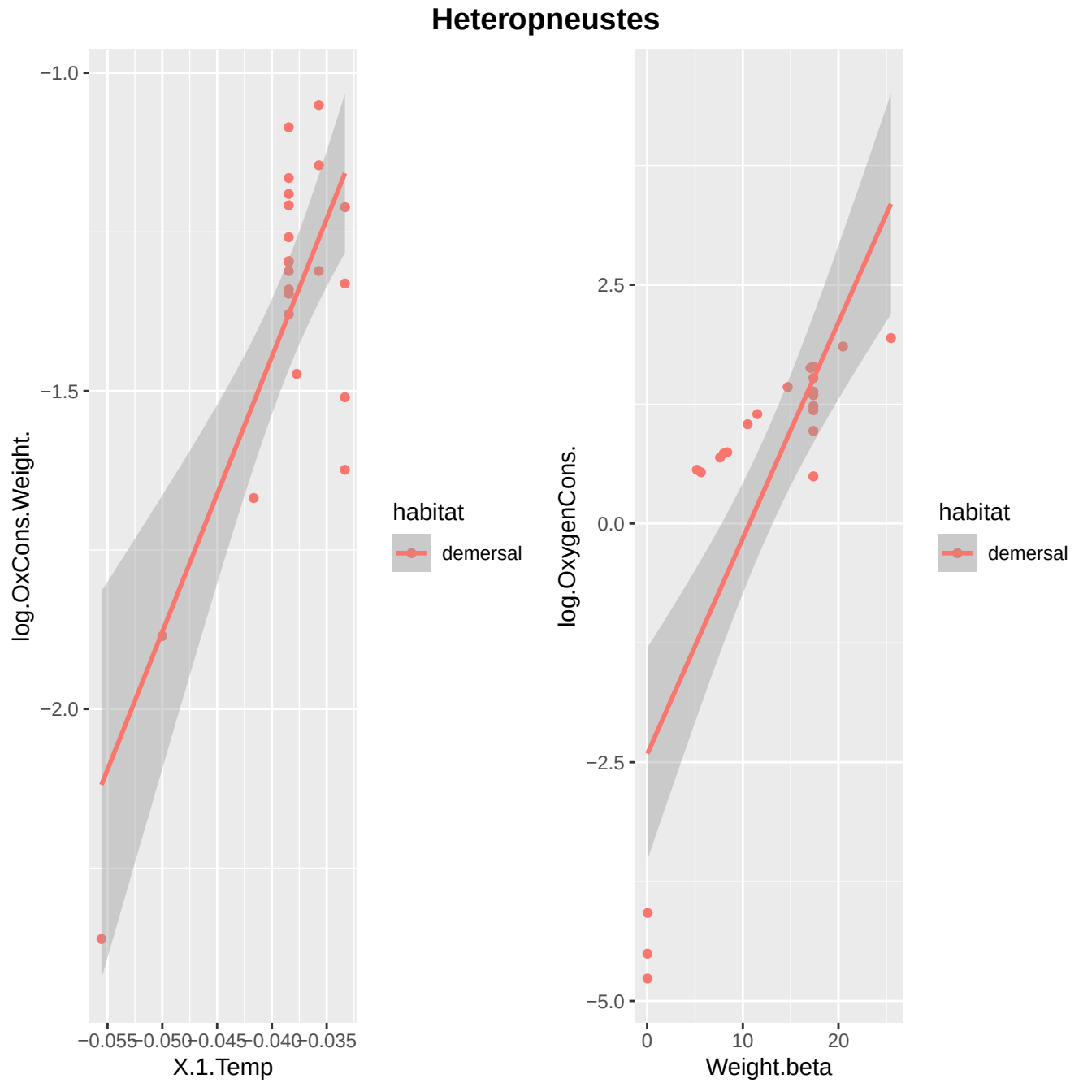

Gymnelus
log.OxCons.Weight.
−3.05
−3.06
−3.07
0.62
0.64
0.66
0.68
0.70
X.1.Temp
habitat
demersal
log.OxygenCons.
0.1
0.0
−0.1
−0.2
18
20
22
24
Weight.beta
habitat
demersal


Gymnocanthus
log.OxCons.Weight.
−2.3
−2.4
−2.5
0.62
0.64
0.66
0.68
0.70
X.1.Temp
habitat
demersal
log.OxygenCons.
2.0
1.5
1.0
0.5
20
30
40
50
60
70
Weight.beta
habitat
demersal

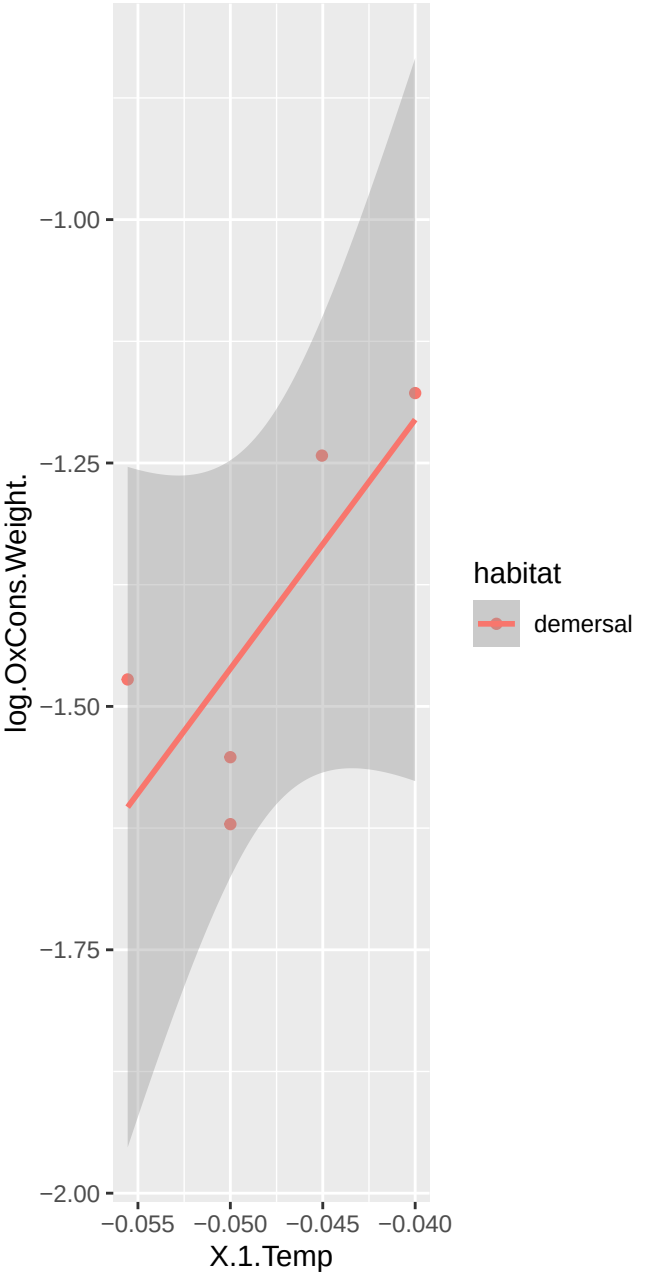

Gymnocephalus
log.OxCons.Weight.
−0.95
−1.00
−1.05
−0.058
−0.057
−0.056
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
2.0
1.5
1.0
5
10
15
20
Weight.beta
habitat
benthopelagic

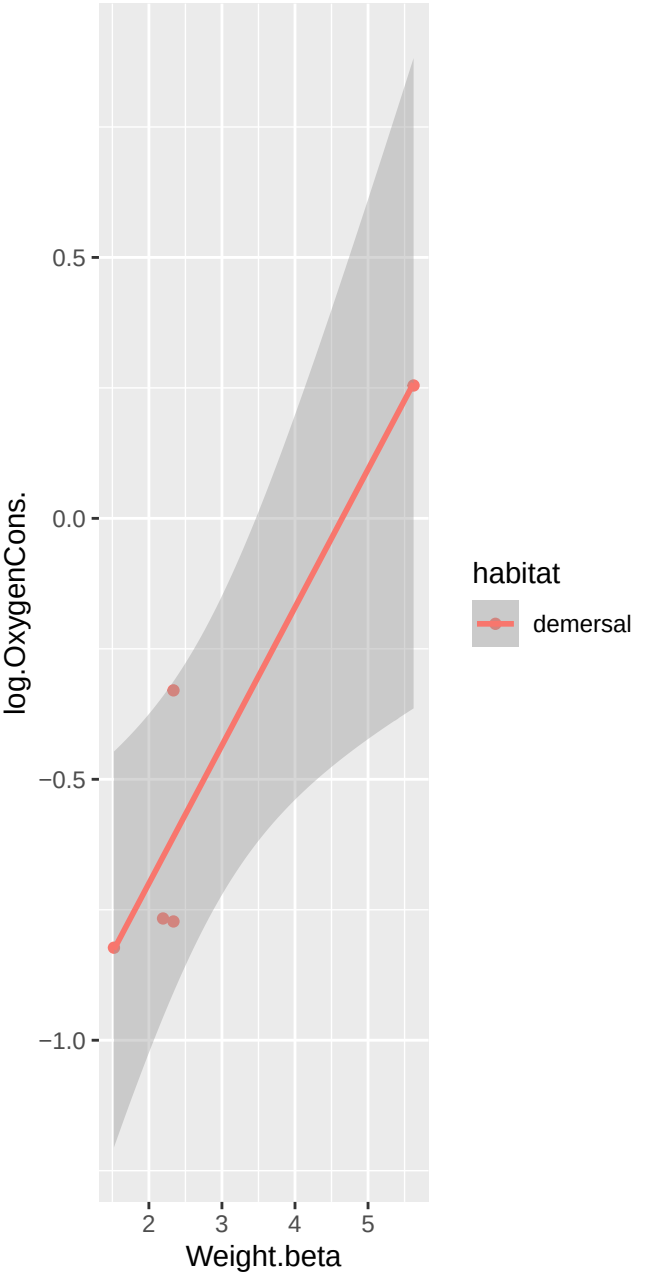

Gymnoscopelus
log.OxCons.Weight.
−2.3
−2.4
−2.5
−2.6
−2.7
−2.8
−2.025
−2.000
−1.975
−1.950
X.1.Temp
habitat
pelagic
log.OxygenCons.
0.5
0.0
−0.5
−1.0
6
9
12
15
18
Weight.beta
habitat
pelagic

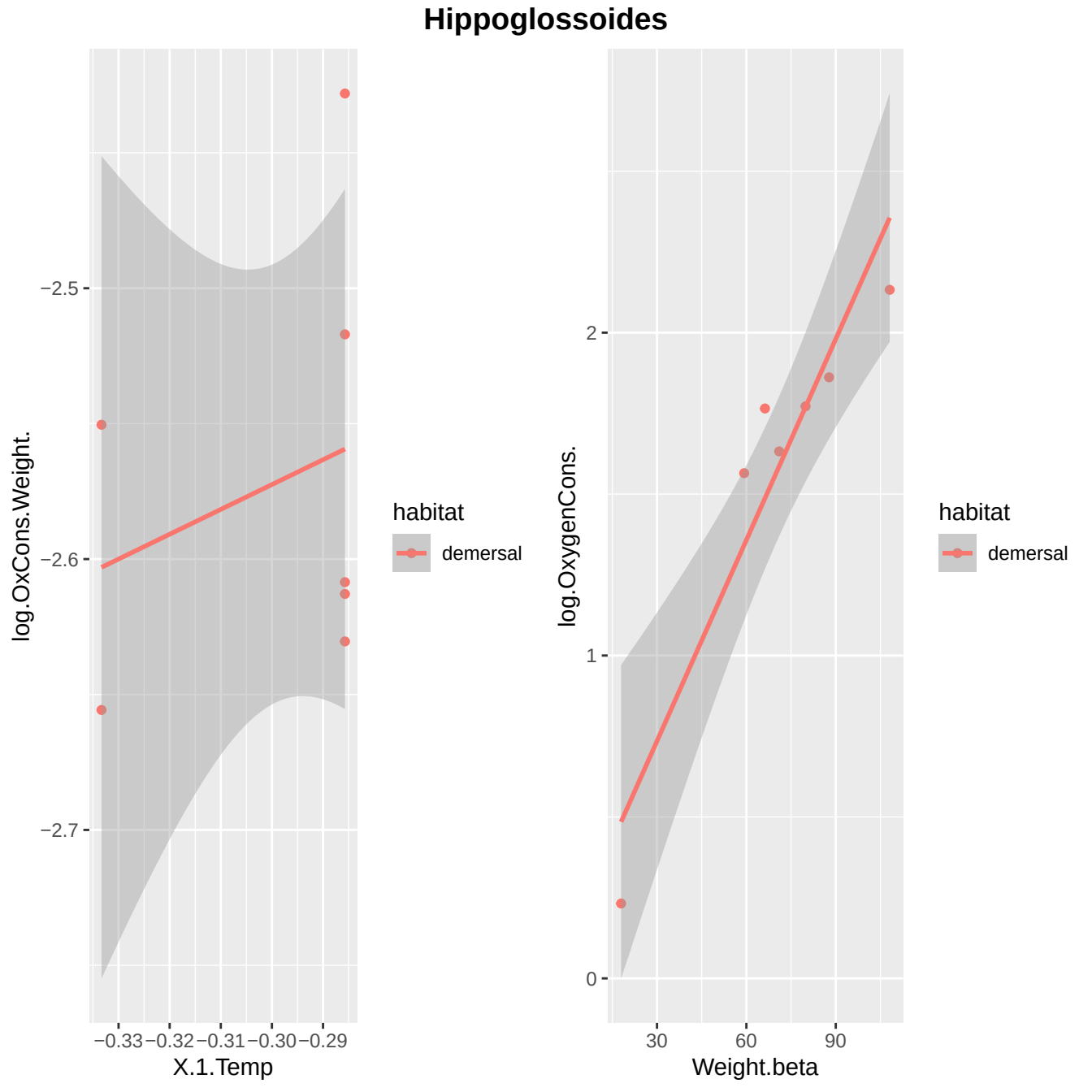

Harpagifer
log.OxCons.Weight.
−2.35
−2.40
−2.45
−2.50
−2.55
−0.38
−0.36
−0.34
−0.32
−0.30
X.1.Temp
habitat
demersal
log.OxygenCons.
0.0
−0.5
−1.0
5
10
15
Weight.beta
habitat
demersal

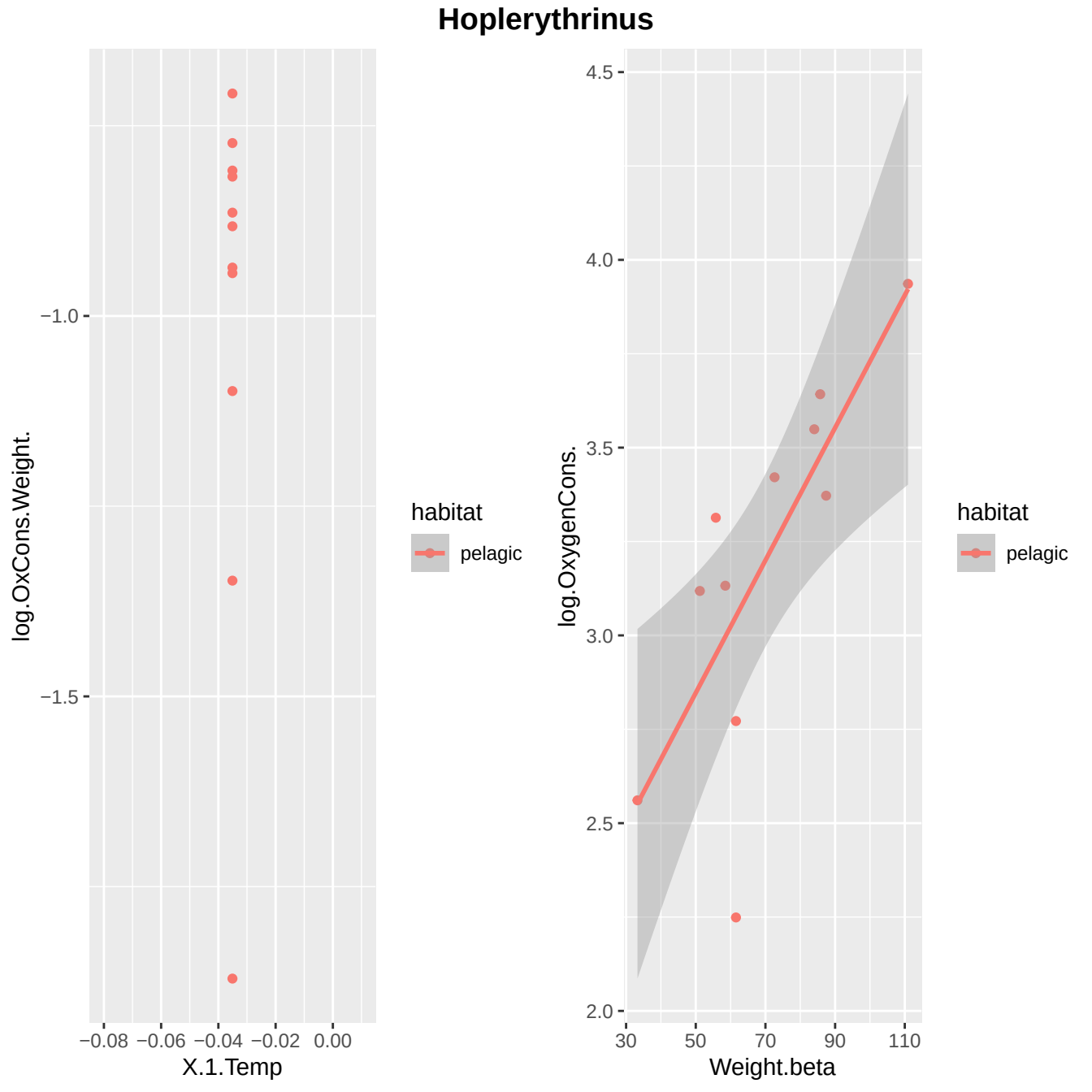

Heteropneustes
−1.0
−1.5
−2.0
log.OxCons.Weight.
−0.055
−0.050
−0.045
−0.040
−0.035
X.1.Temp
habitat
demersal
2.5
0.0
−2.5
−5.0
log.OxygenCons.
0
10
20
Weight.beta
habitat
demersal

Hippocampus

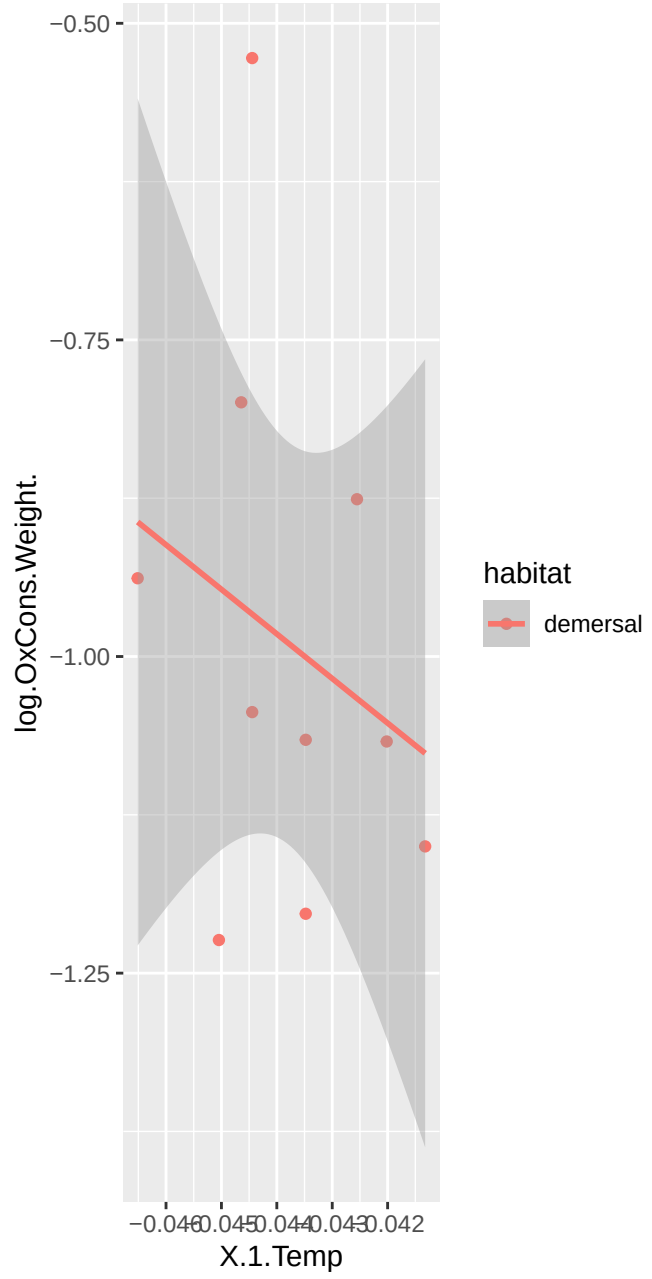


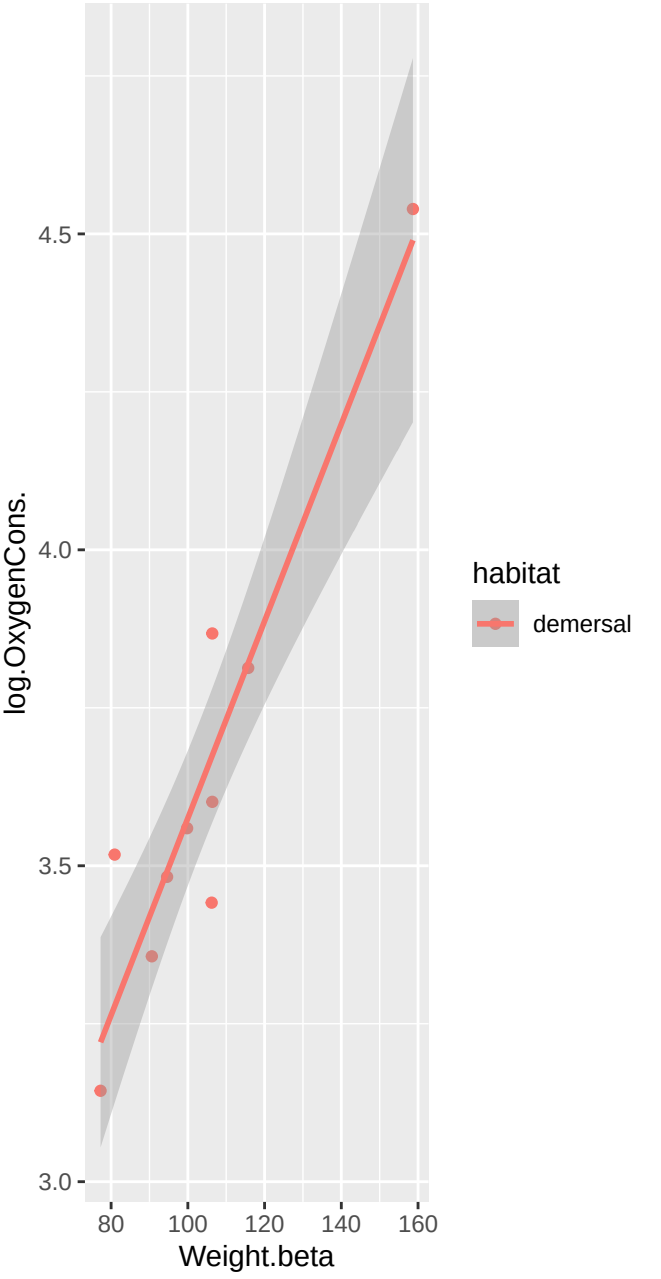


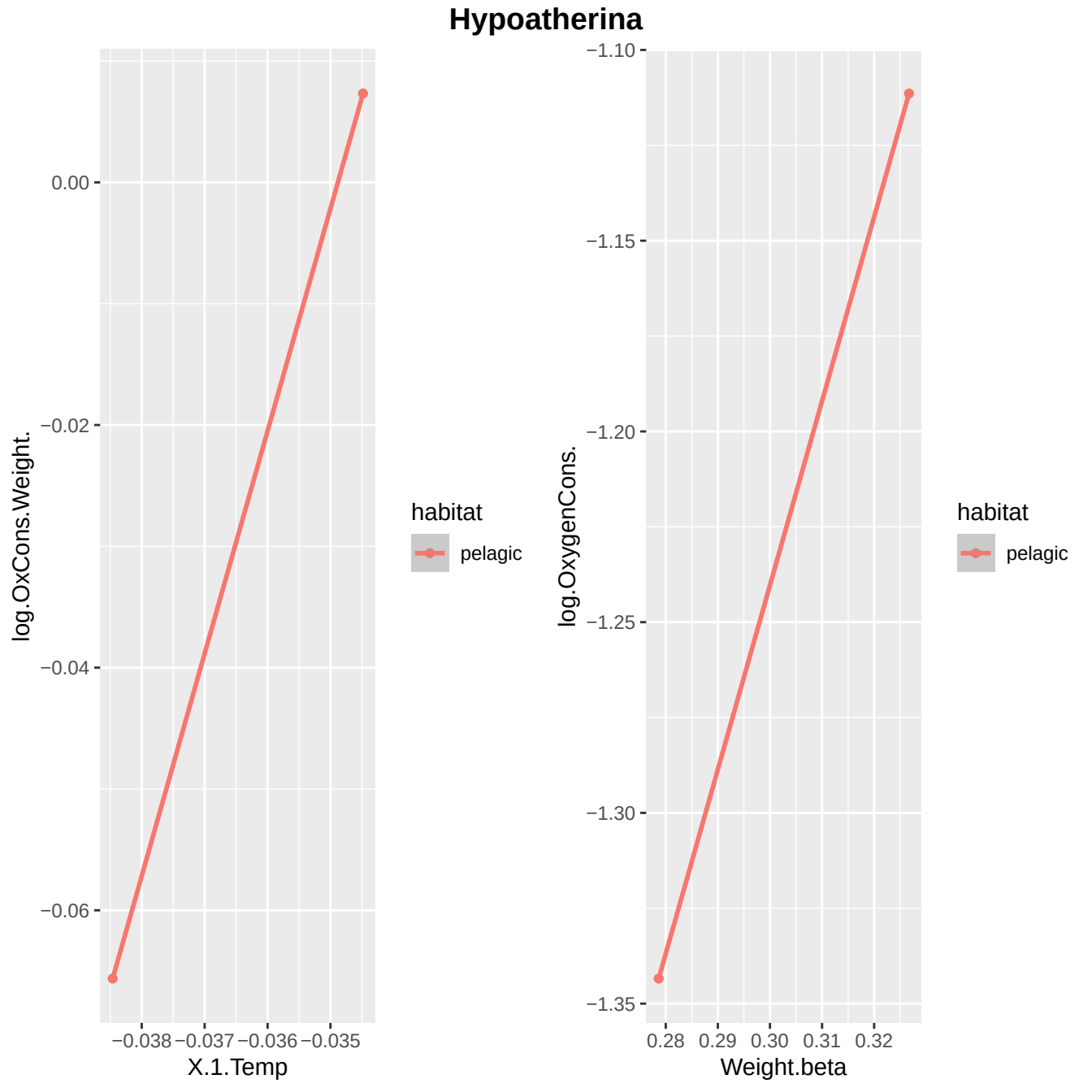

Hippoglossoides
log.OxCons.Weight.
−2.5
−2.6
−2.7
−0.33
−0.32
−0.31
−0.30
−0.29
X.1.Temp
habitat
demersal
log.OxygenCons.
2
1
0
30
60
90
Weight.beta
habitat
demersal

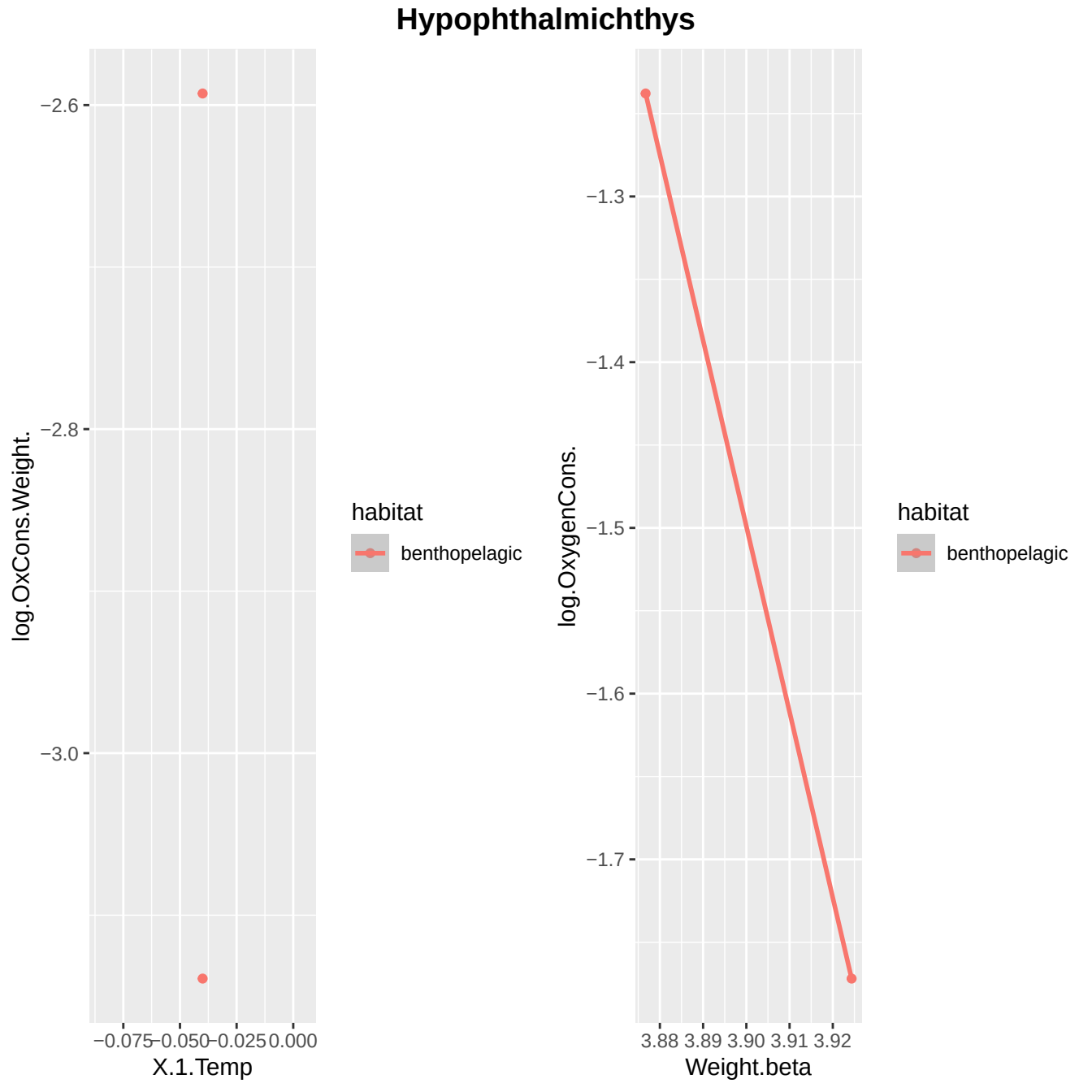

Hoplerythrinus
log.OxCons.Weight.
−1.0
−1.5
−0.08
−0.06
−0.04
−0.02
0.00
X.1.Temp
habitat
pelagic
log.OxygenCons.
4.5
4.0
3.5
3.0
2.5
2.0
30
50
70
90
110
Weight.beta
habitat
pelagic

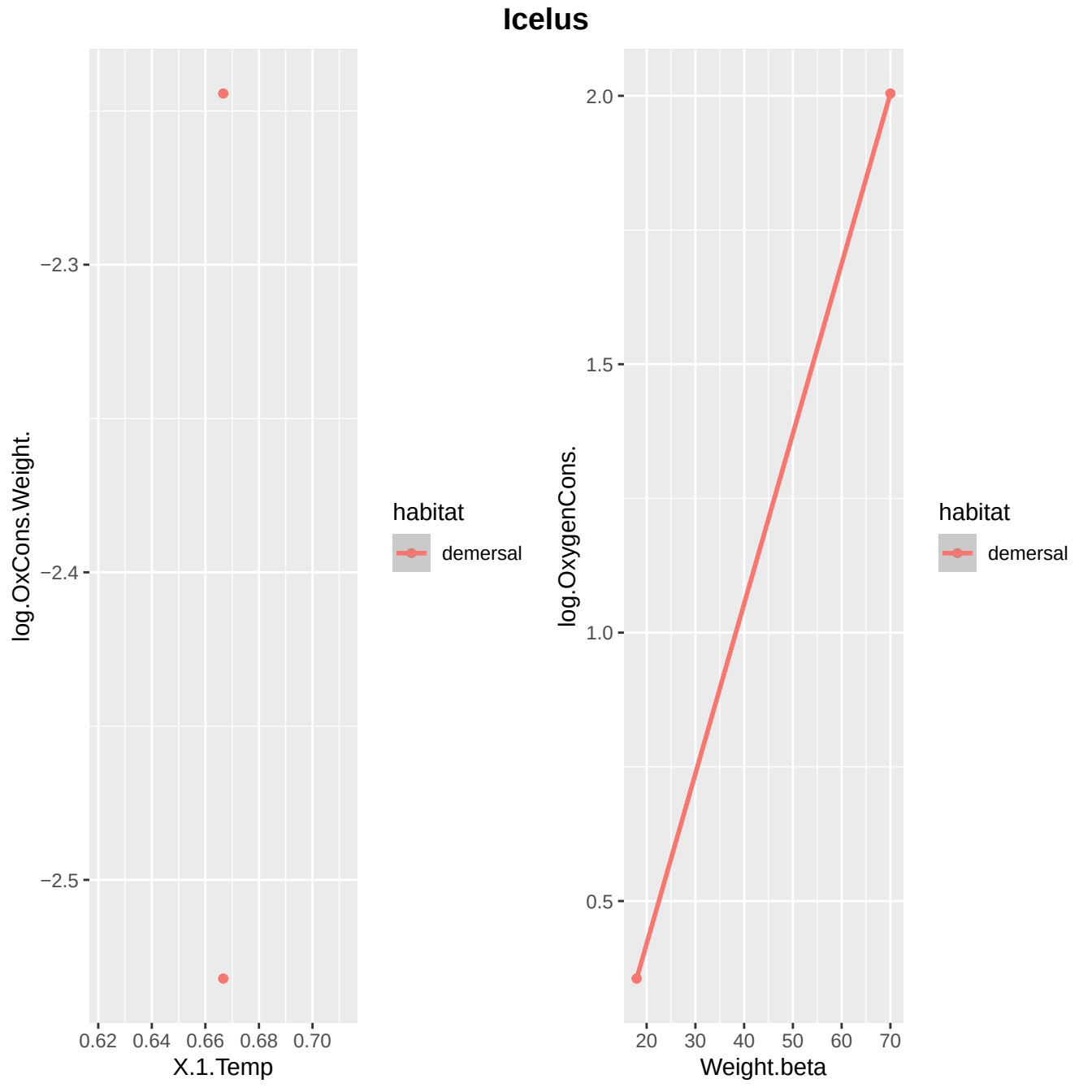
Hypanus

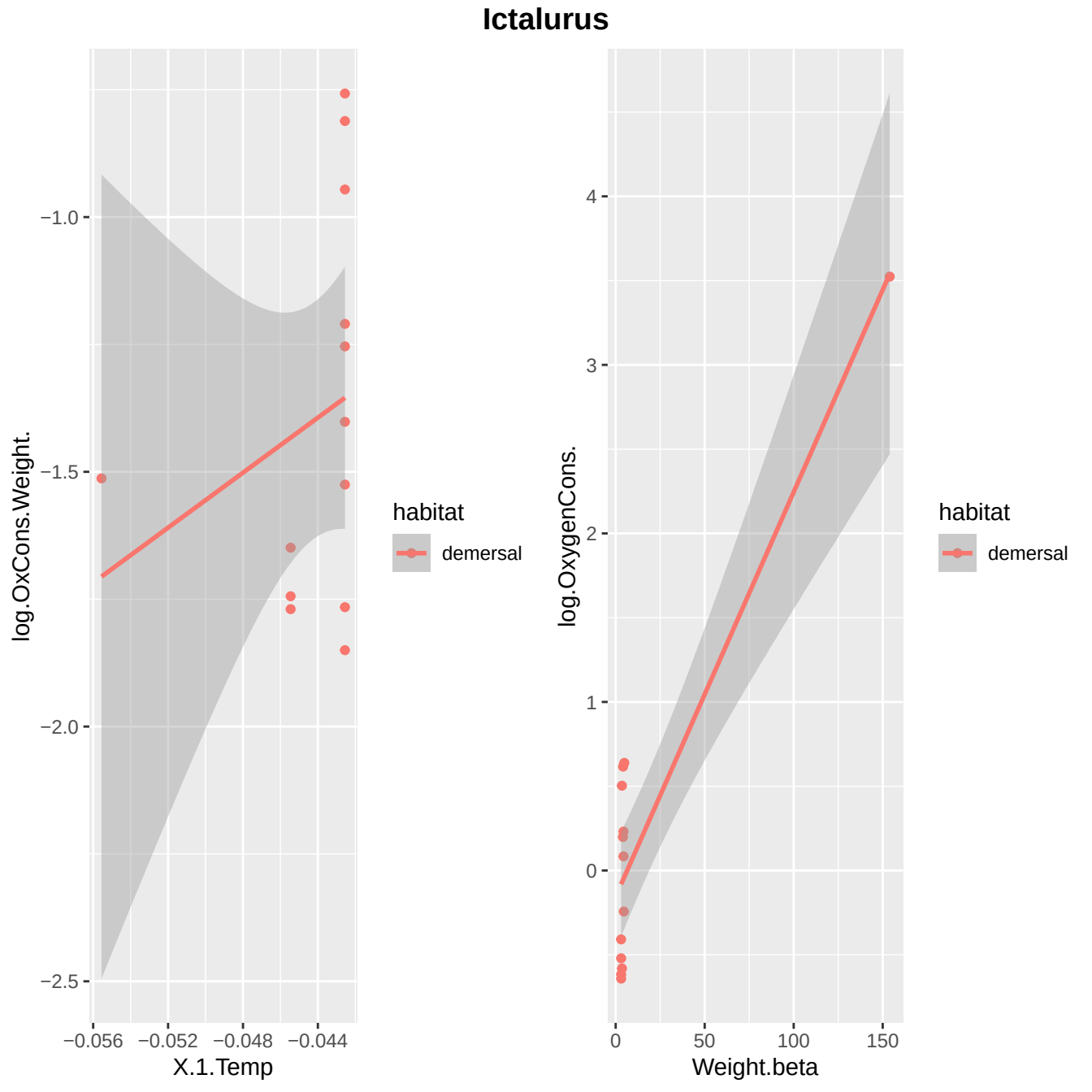

−0.50
−0.75
−1.00
−1.25
log.OxCons.Weight.
−0.046
−0.045
−0.044
−0.043
−0.042
X.1.Temp
habitat
demersal


4.5
4.0
3.5
3.0
log.OxygenCons.
80
100
120
140
160
Weight.beta
habitat
demersal

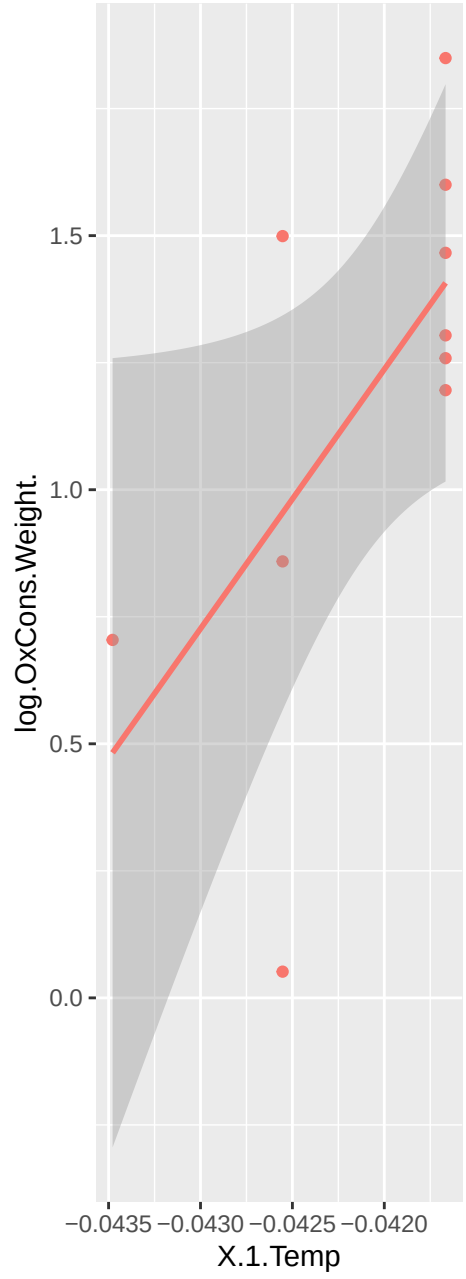

Hypoatherina
log.OxCons.Weight.
0.00
−0.02
−0.04
−0.06
−0.038
−0.037
−0.036
−0.035
X.1.Temp
habitat
pelagic
log.OxygenCons.
−1.10
−1.15
−1.20
−1.25
−1.30
−1.35
0.28
0.29
0.30
0.31
0.32
Weight.beta
habitat
pelagic

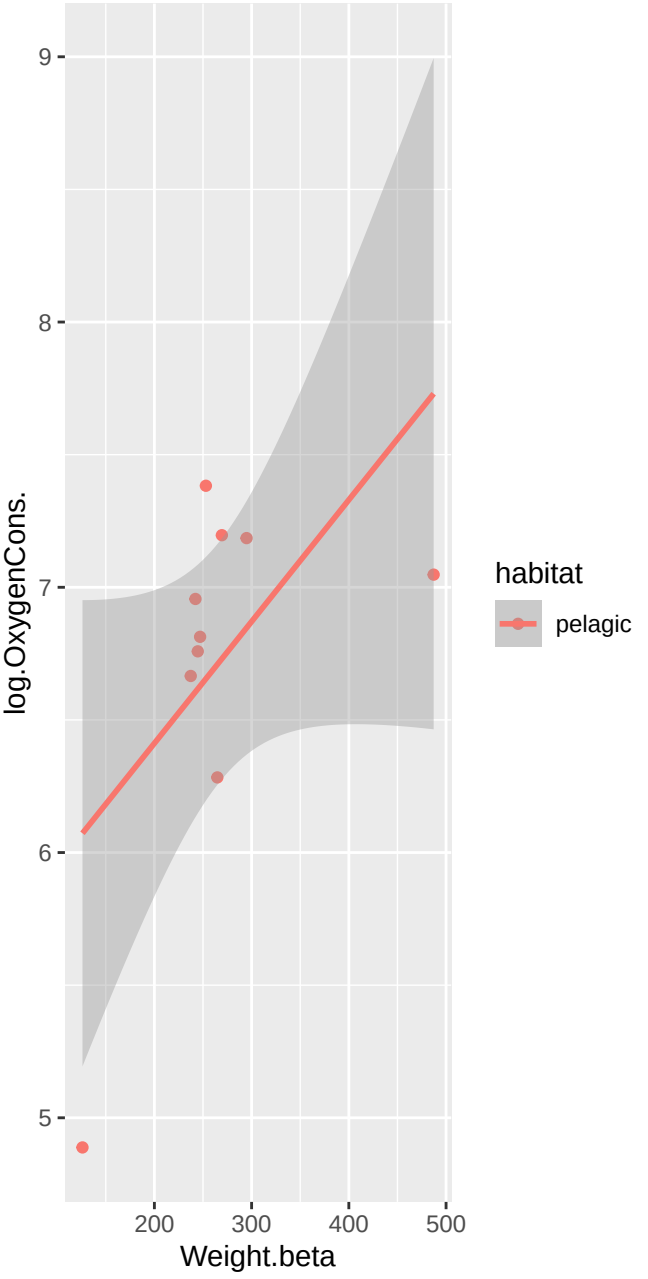

Hypophthalmichthys
log.OxCons.Weight.
−2.6
−2.8
−3.0
−0.075
−0.050
−0.025
0.000
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
−1.3
−1.4
−1.5
−1.6
−1.7
3.88
3.89
3.90
3.91
3.92
Weight.beta
habitat
benthopelagic

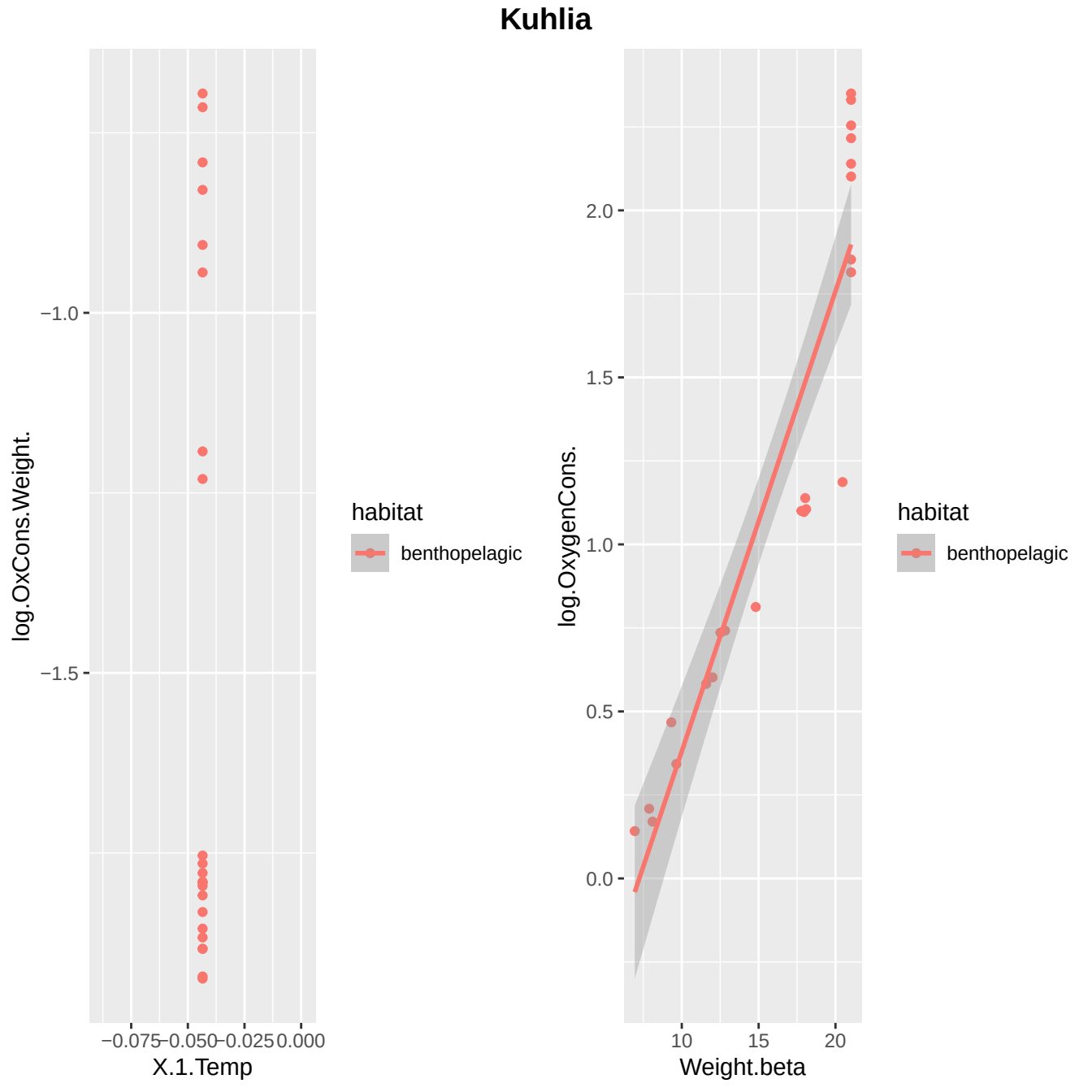

Icelus
log.OxCons.Weight.
−2.3
−2.4
−2.5
0.62
0.64
0.66
0.68
0.70
X.1.Temp
habitat
demersal
log.OxygenCons.
2.0
1.5
1.0
0.5
20
30
40
50
60
70
Weight.beta
habitat
demersal


Ictalurus
log.OxCons.Weight.
−1.0
−1.5
−2.0
−2.5
−0.056
−0.052
−0.048
−0.044
X.1.Temp
habitat
demersal
log.OxygenCons.
4
3
2
1
0
0
50
100
150
Weight.beta
habitat
demersal

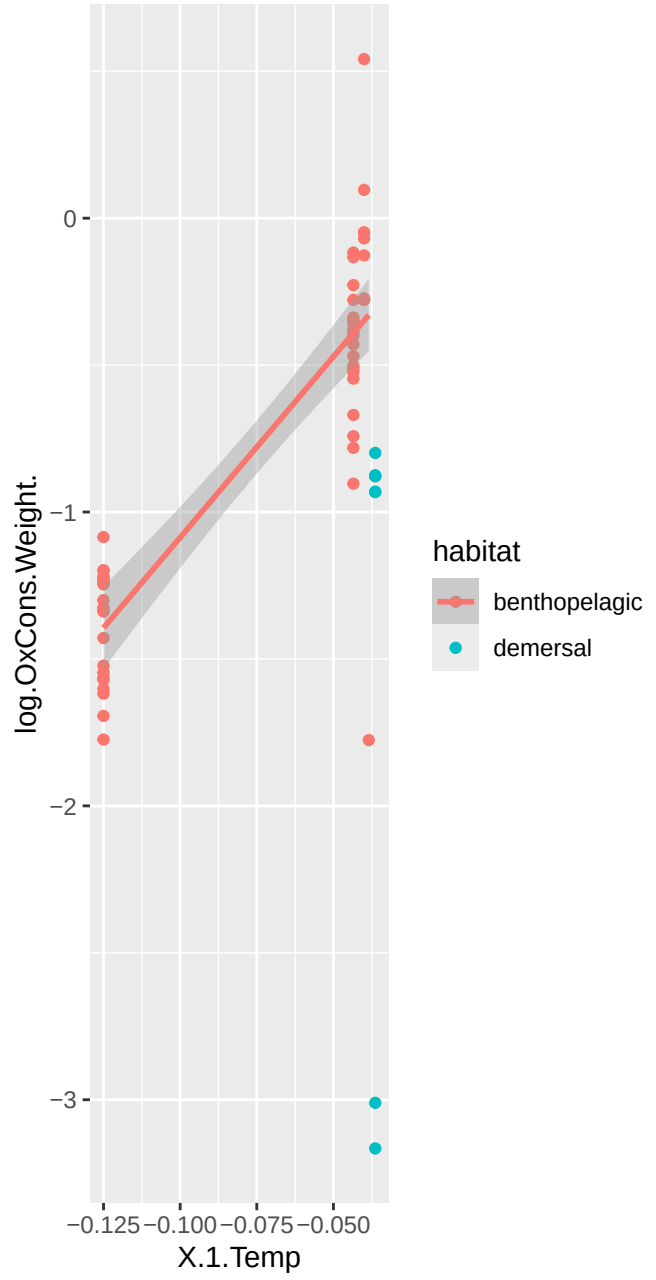
Katsuwonus

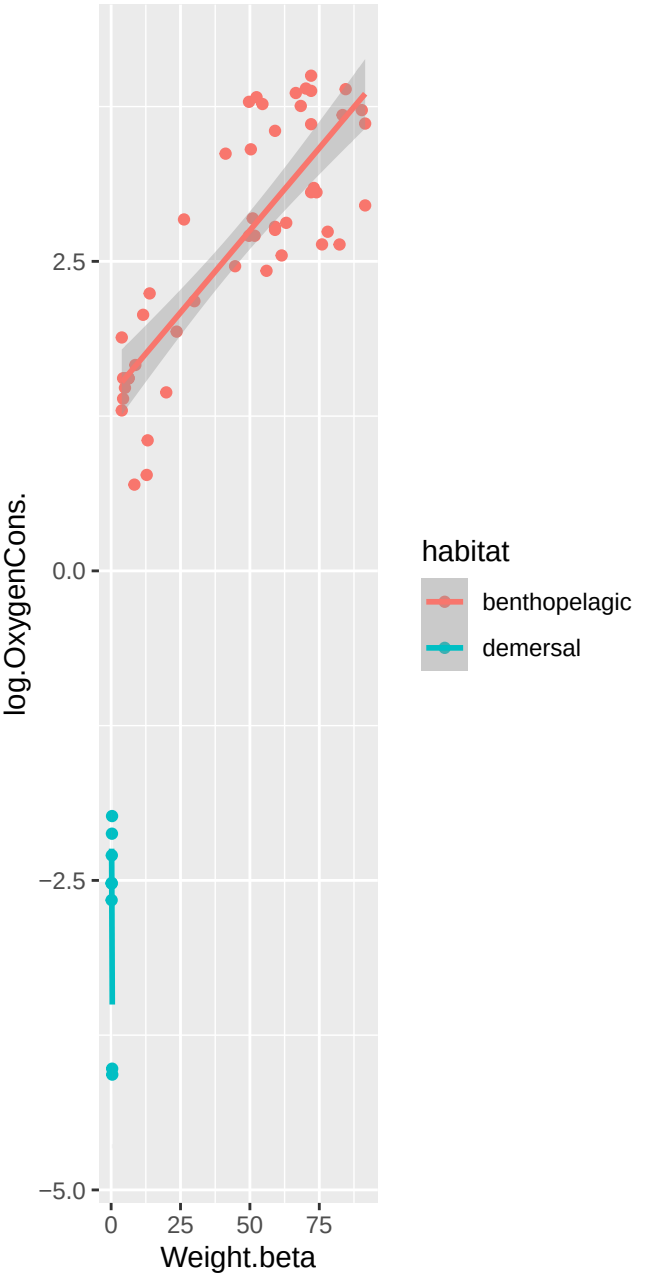

log.OxCons.Weight.
1.5
1.0
0.5
0.0
−0.0435
−0.0430
−0.0425
−0.0420
X.1.Temp
habitat
pelagic

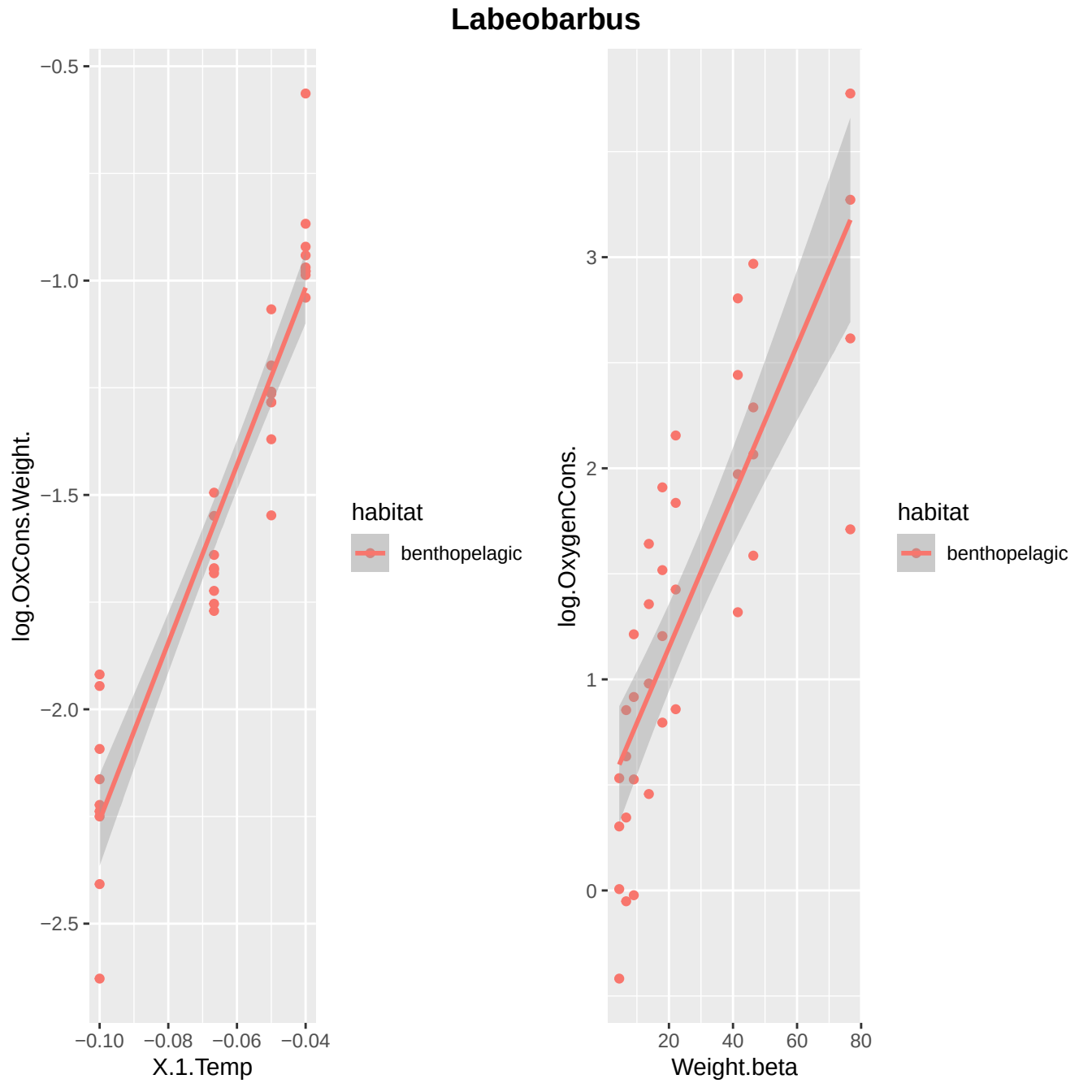

log.OxygenCons.
9
8
7
6
5
200
300
400
500
Weight.beta
habitat
pelagic

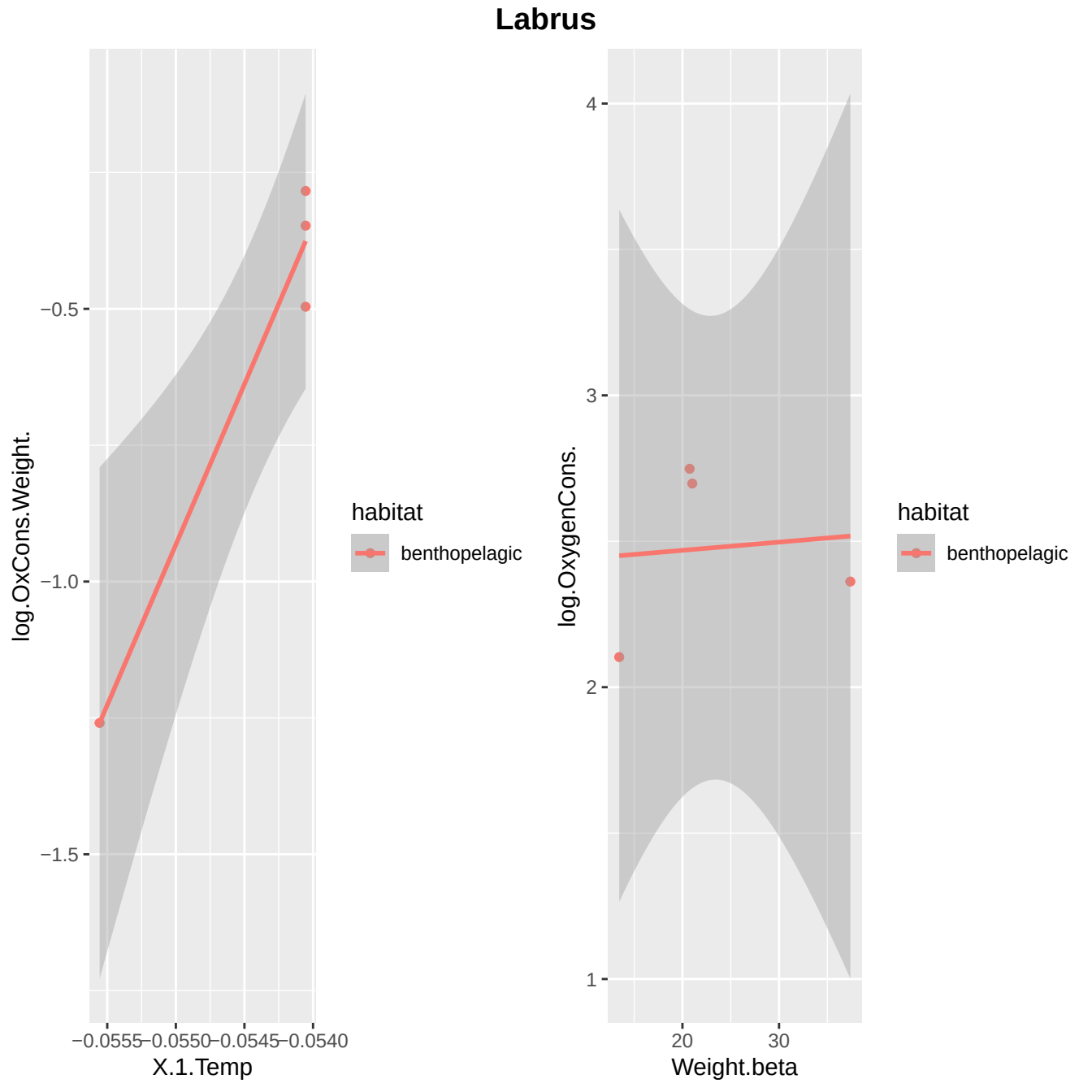

Kuhlia
log.OxCons.Weight.
−1.0
−1.5
−0.075
−0.050
−0.025
0.000
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
2.0
1.5
1.0
0.5
0.0
10
15
20
Weight.beta
habitat
benthopelagic

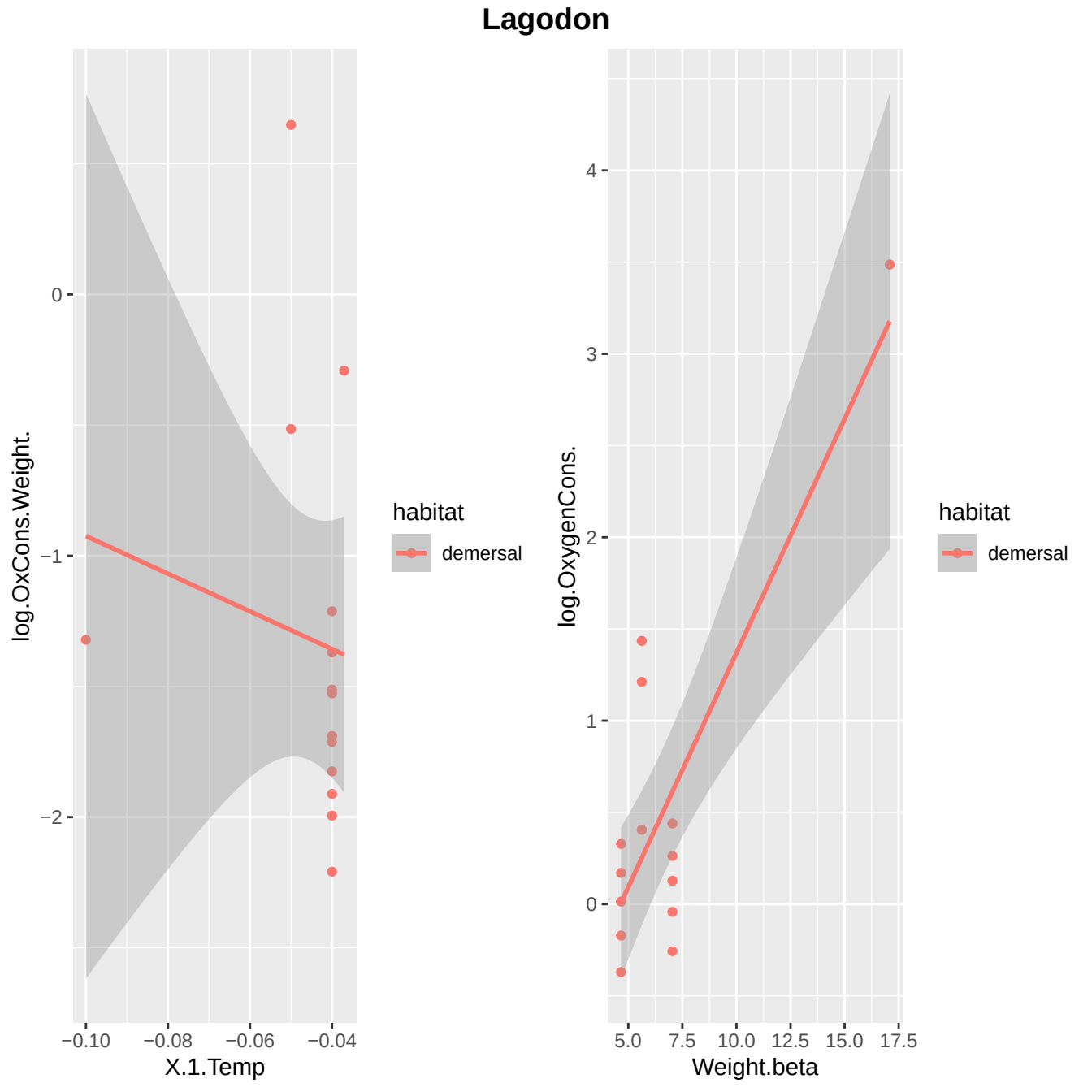
Labeo

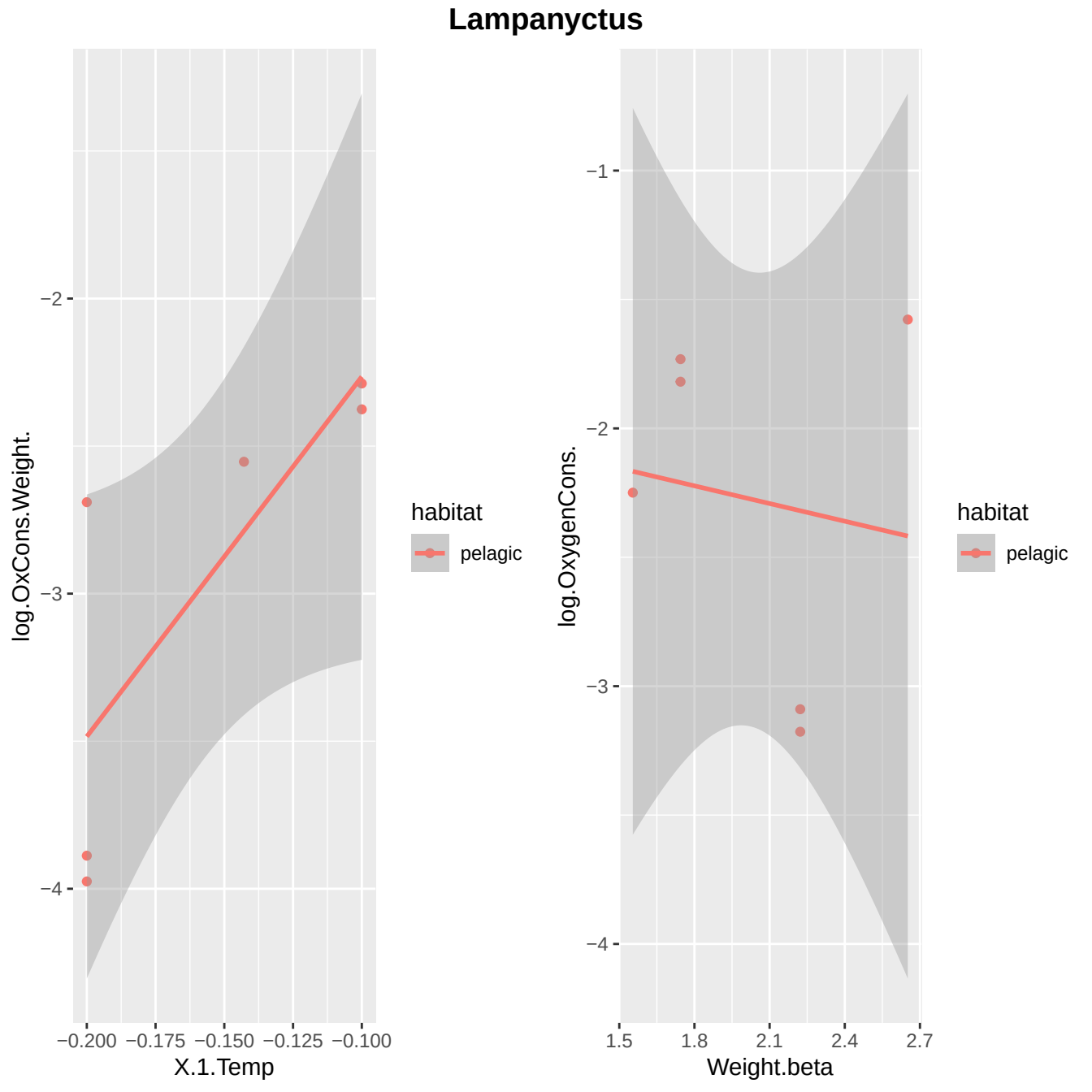

log.OxCons.Weight.
0
−1
−2
−3
−0.125
−0.100
−0.075
−0.050
X.1.Temp
habitat
benthopelagic
demersal


log.OxygenCons.
2.5
0.0
−2.5
−5.0
0
25
50
75
Weight.beta
habitat
benthopelagic
demersal

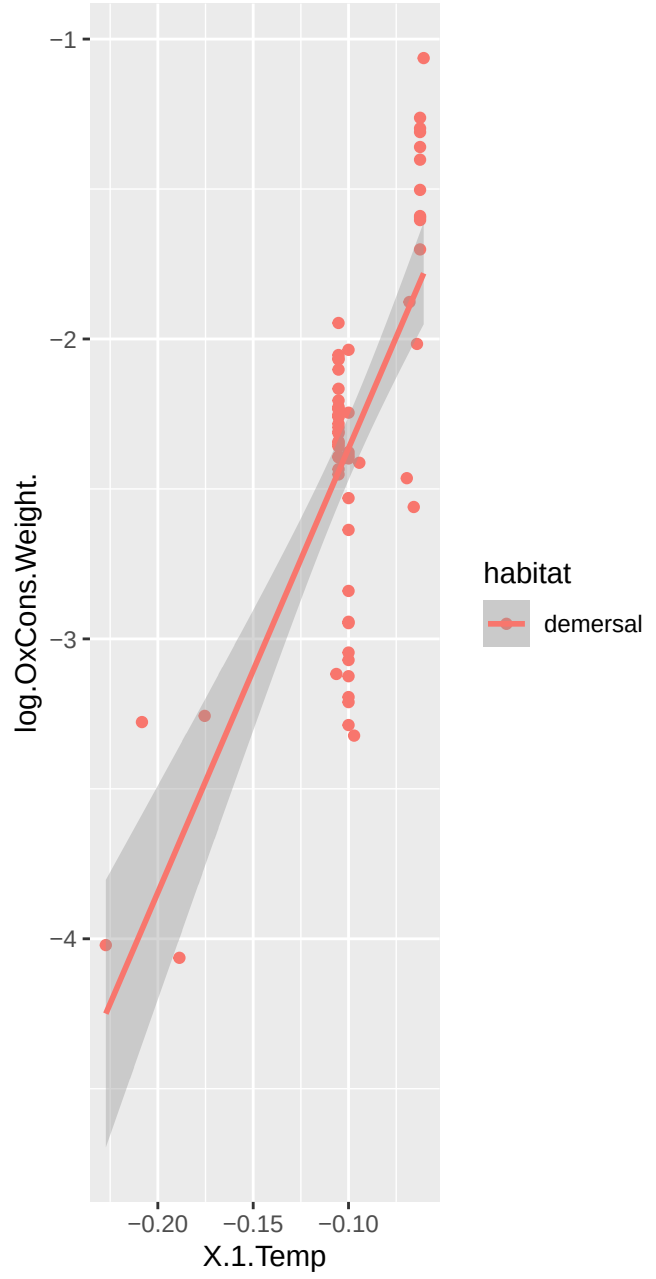

Labeobarbus
log.OxCons.Weight.
−0.5
−1.0
−1.5
−2.0
−2.5
−0.10
−0.08
−0.06
−0.04
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
3
2
1
0
20
40
60
80
Weight.beta
habitat
benthopelagic

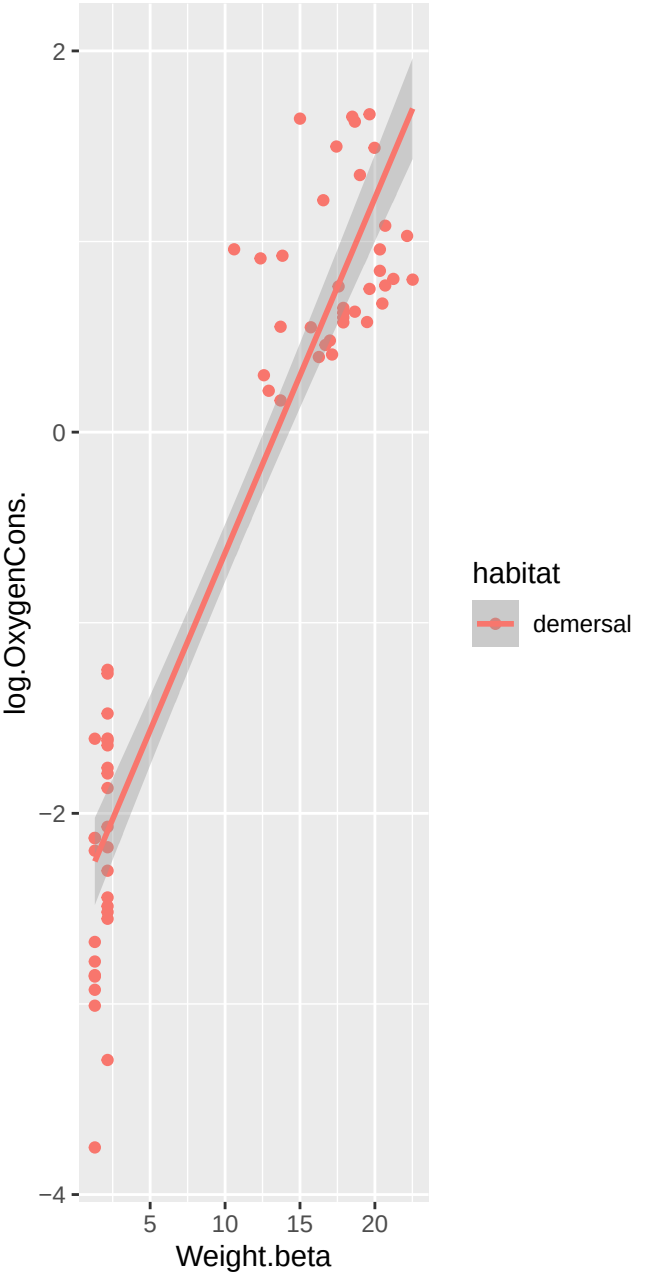

Labrus
log.OxCons.Weight.
−0.5
−1.0
−1.5
−0.0555
−0.0550
−0.0545
−0.0540
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
4
3
2
1
20
30
Weight.beta
habitat
benthopelagic

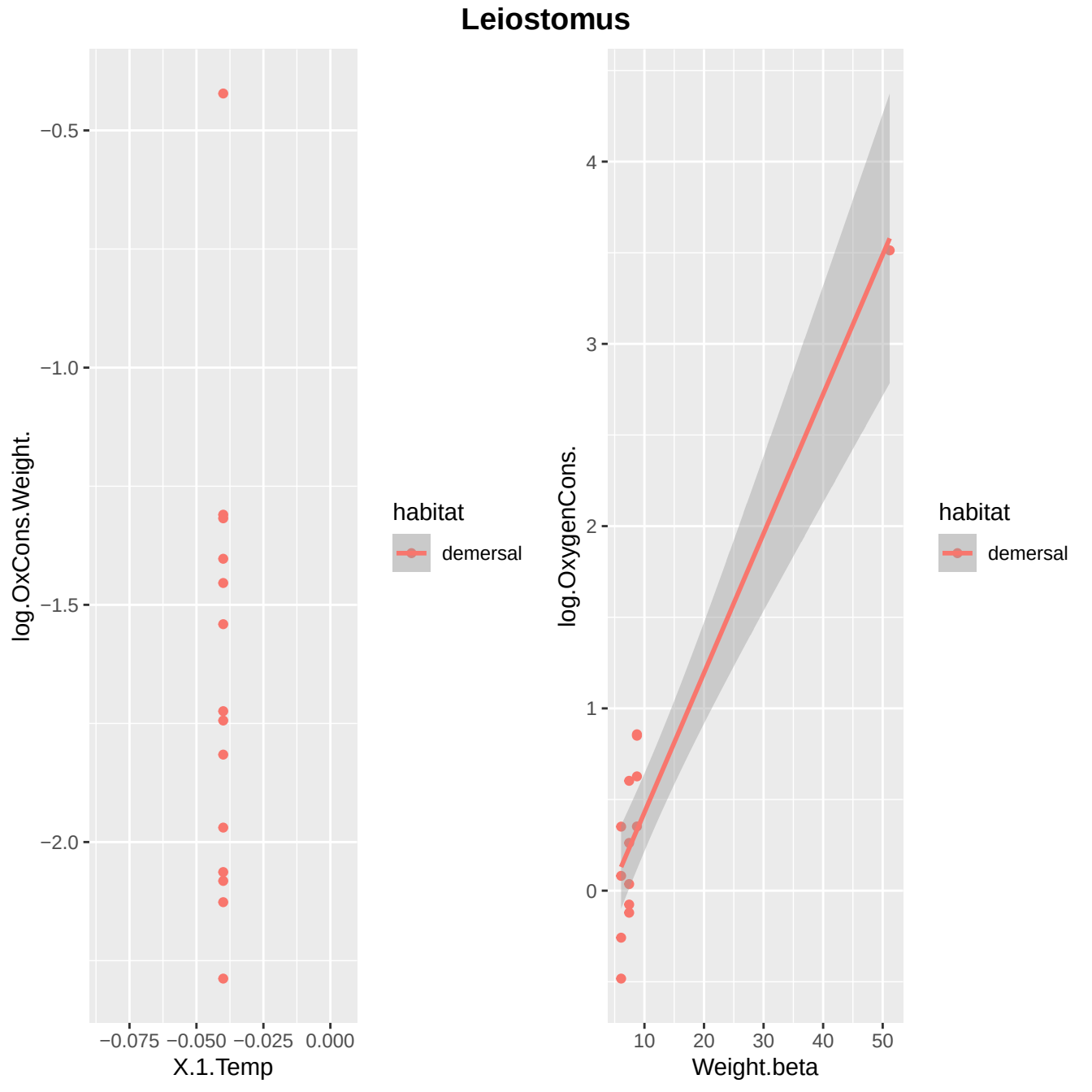

Lagodon
log.OxCons.Weight.
0
−1
−2
−0.10
−0.08
−0.06
−0.04
X.1.Temp
habitat
demersal
log.OxygenCons.
4
3
2
1
0
5.0
7.5
10.0
12.5
15.0
17.5
Weight.beta
habitat
demersal

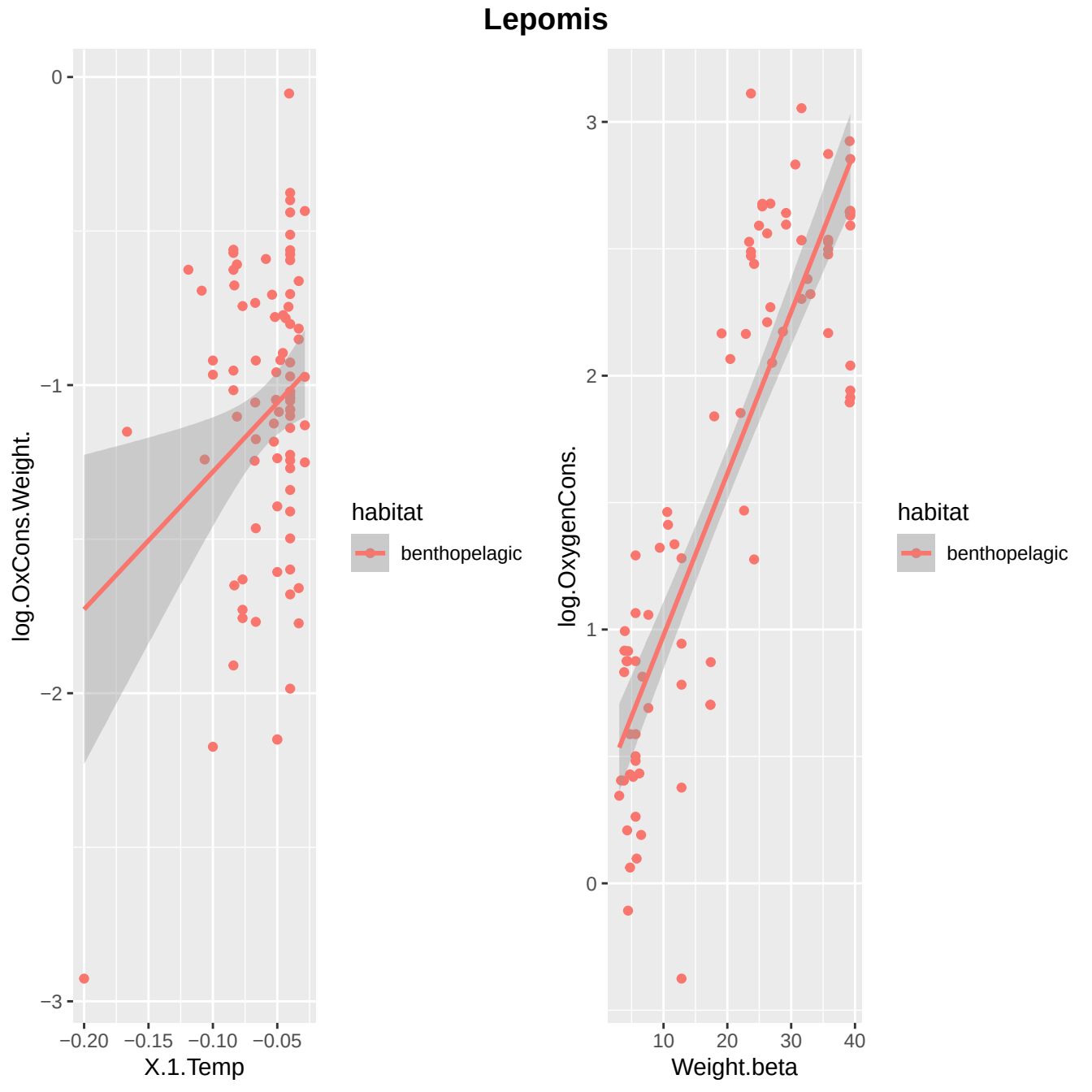

Lampanyctus
log.OxCons.Weight.
−2
−3
−4
−0.200
−0.175
−0.150
−0.125
−0.100
X.1.Temp
habitat
pelagic
log.OxygenCons.
−1
−2
−3
−4
1.5
1.8
2.1
2.4
2.7
Weight.beta
habitat
pelagic

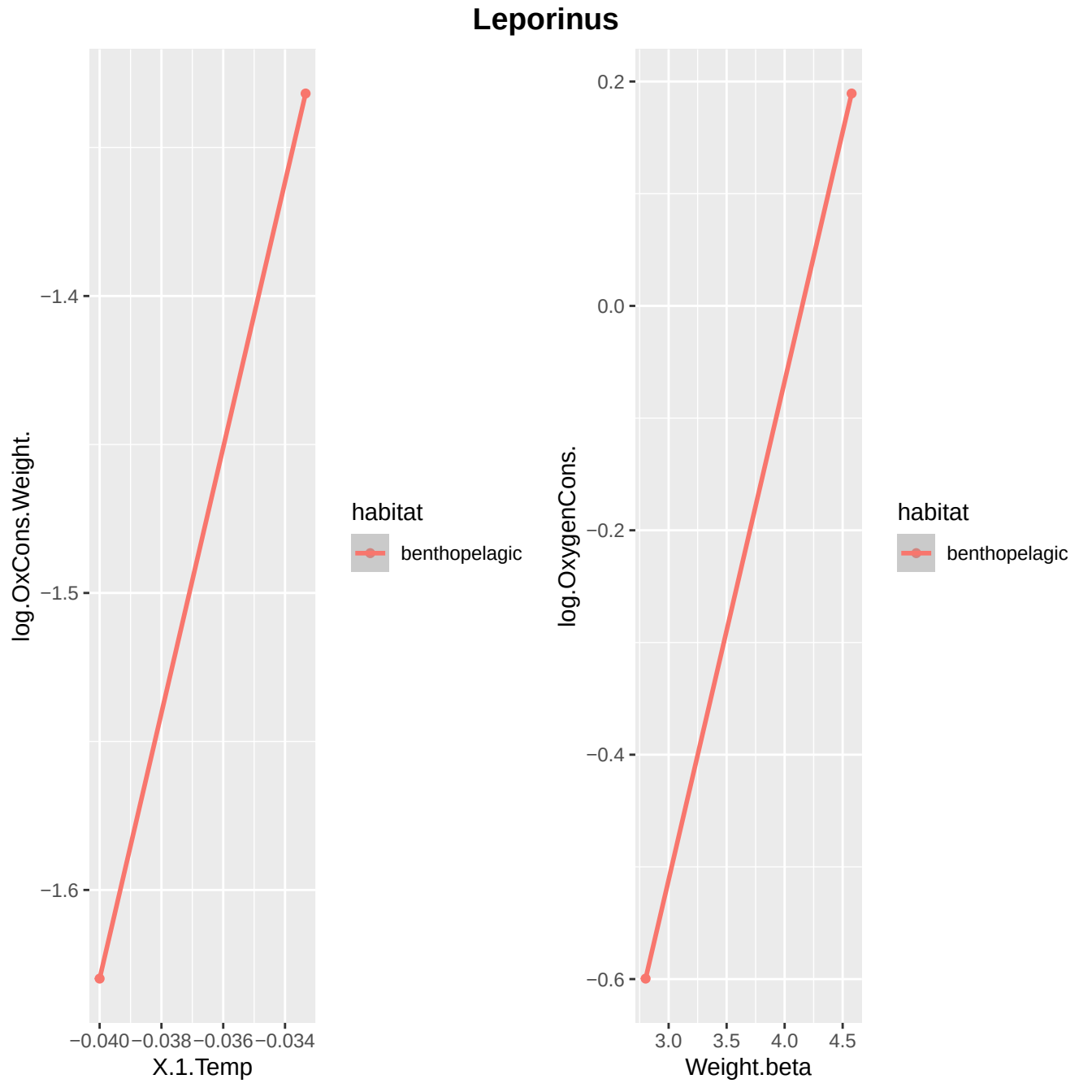
Lampetra

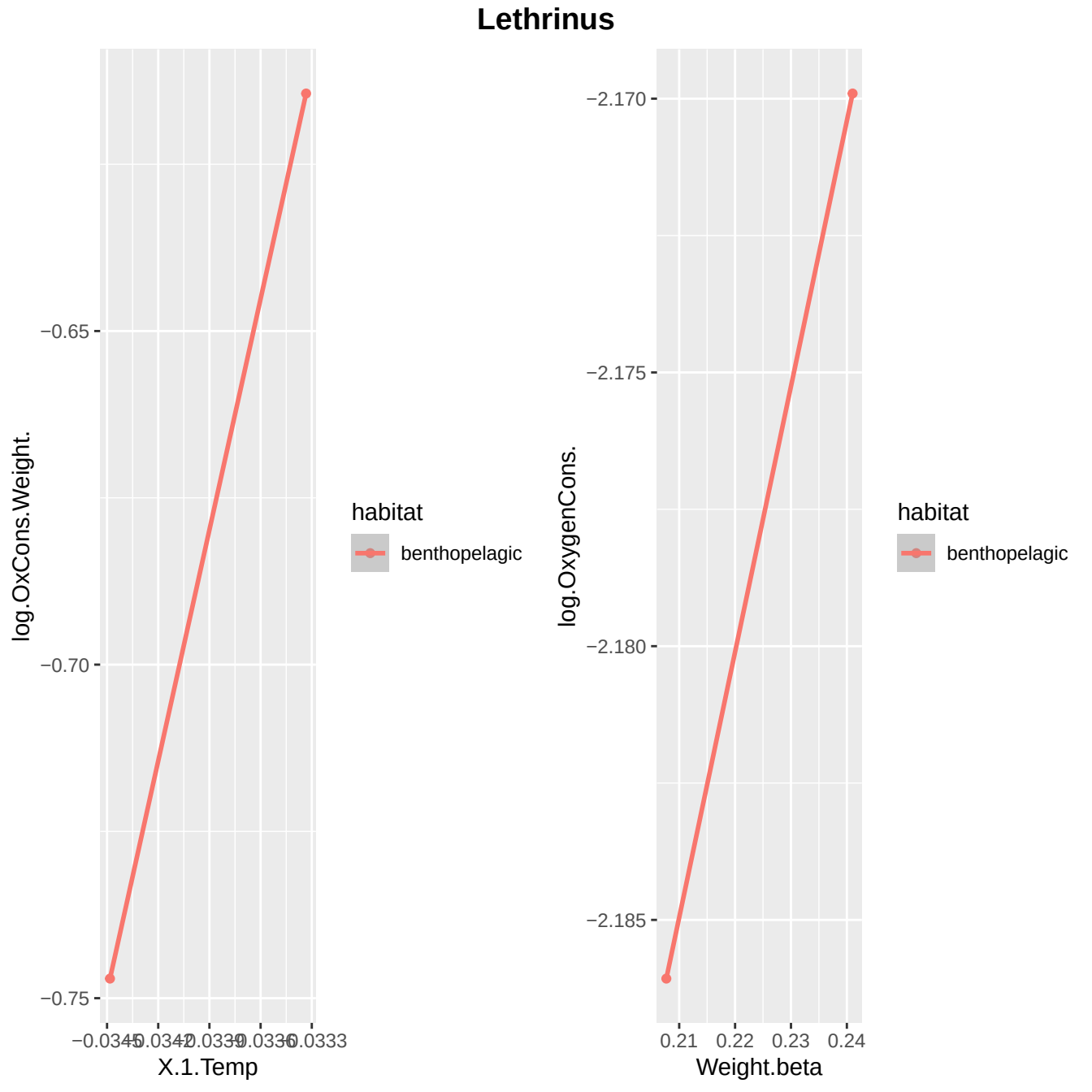

log.OxCons.Weight.
−1
−2
−3
−4
−0.20
−0.15
−0.10
X.1.Temp
habitat
demersal

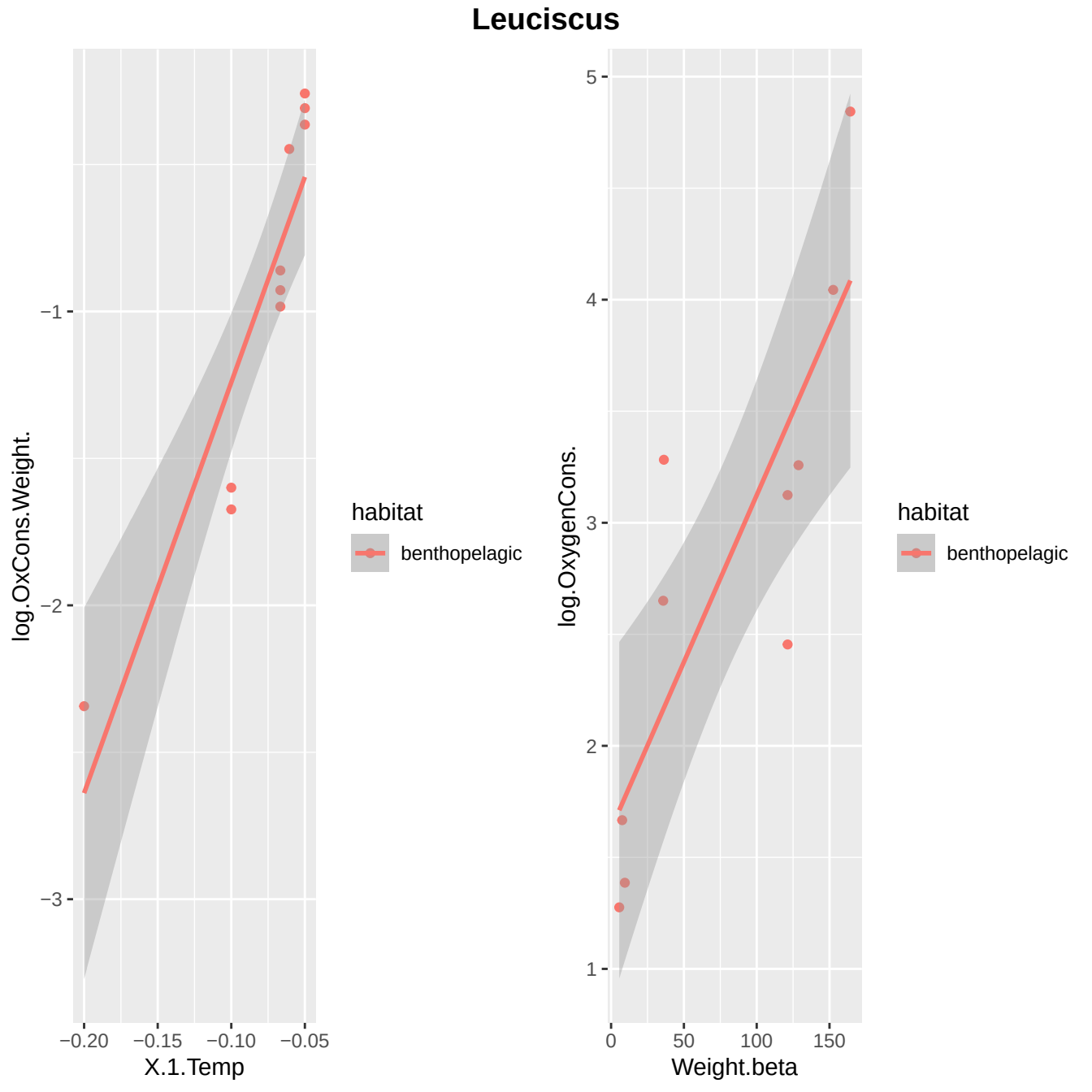

log.OxygenCons.
2
0
−2
−4
5
10
15
20
Weight.beta
habitat
demersal

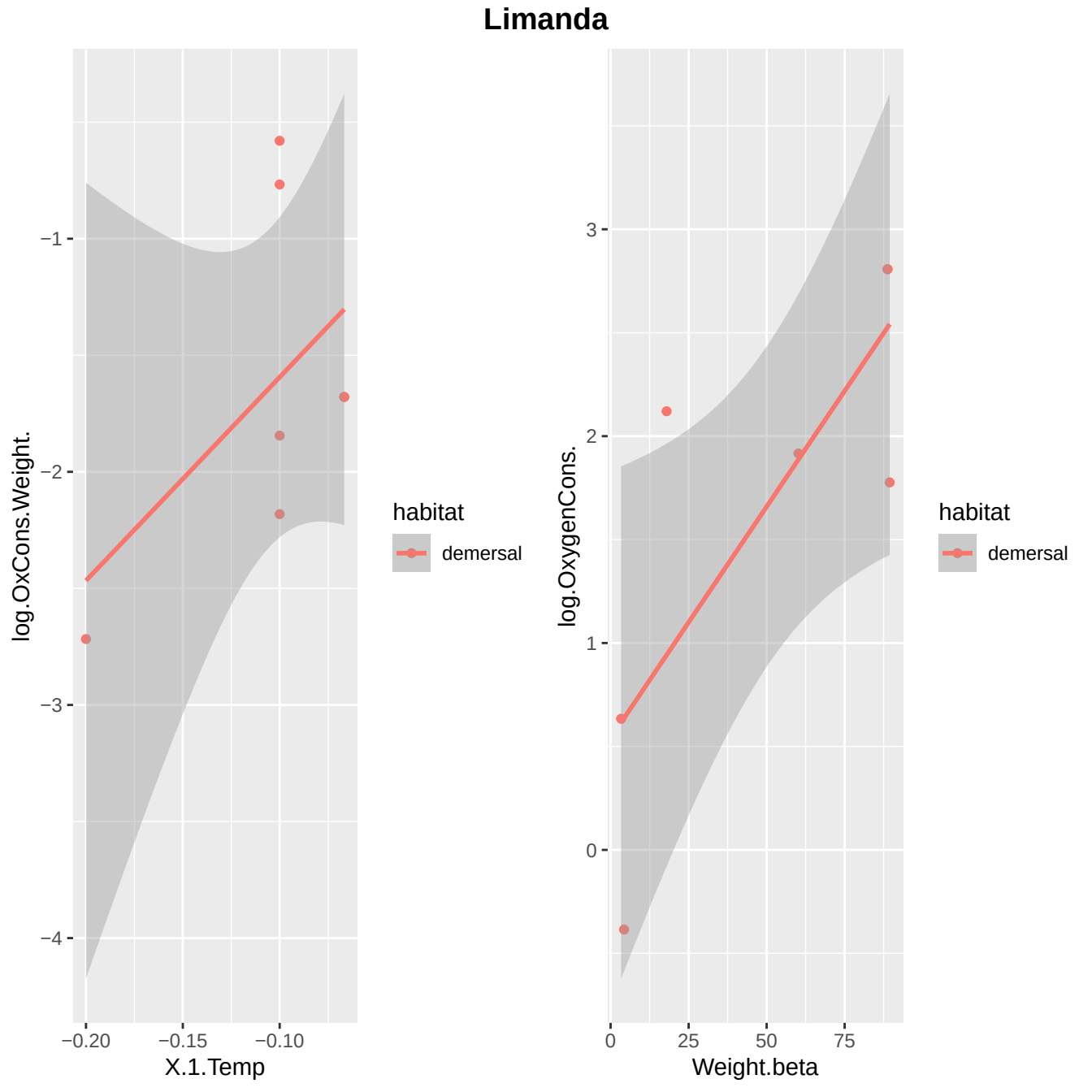

Leiostomus
log.OxCons.Weight.
−0.5
−1.0
−1.5
−2.0
−0.075
−0.050
−0.025
0.000
X.1.Temp
habitat
demersal
log.OxygenCons.
4
3
2
1
0
10
20
30
40
50
Weight.beta
habitat
demersal

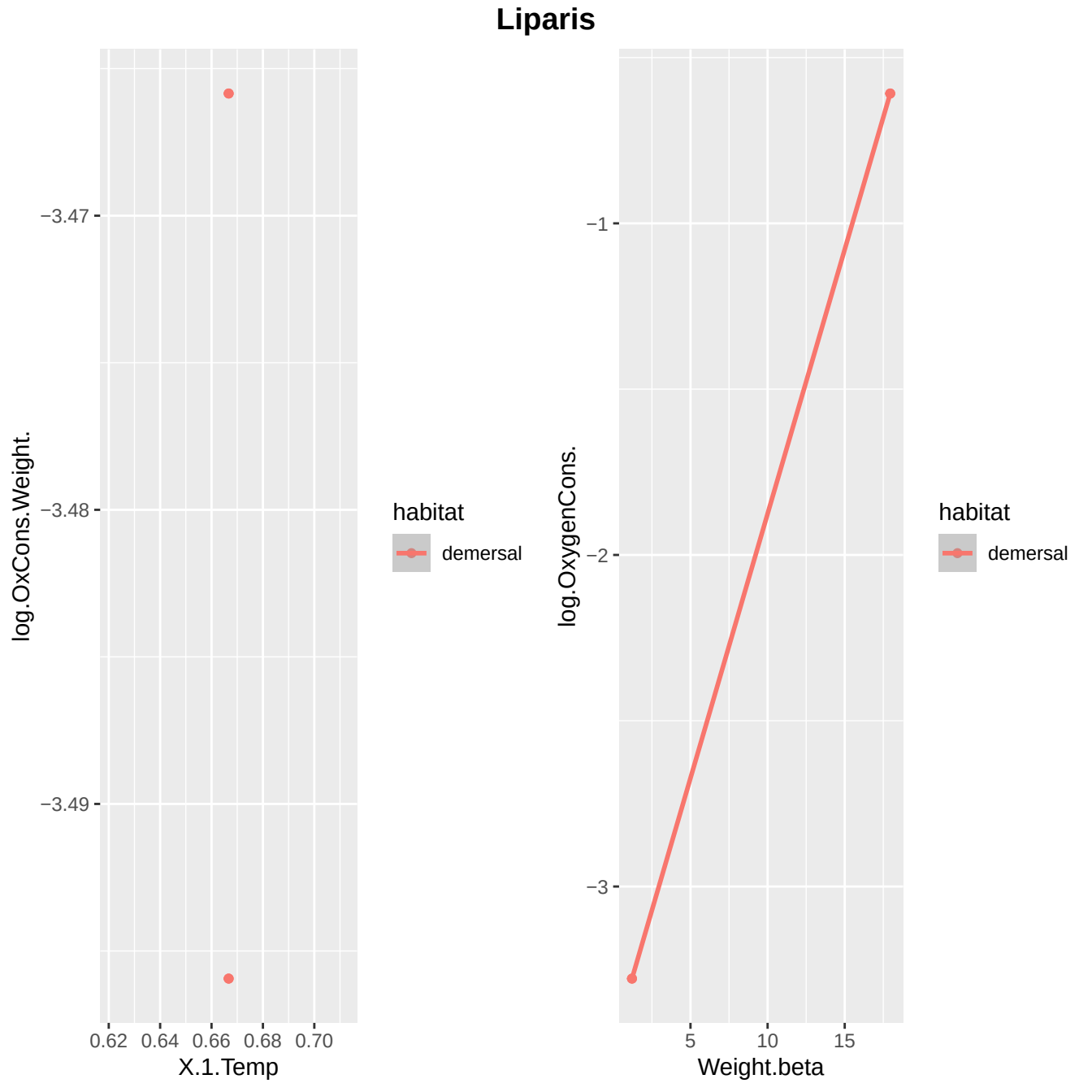

Lepomis
log.OxCons.Weight.
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
Weight.beta
habitat
benthopelagic

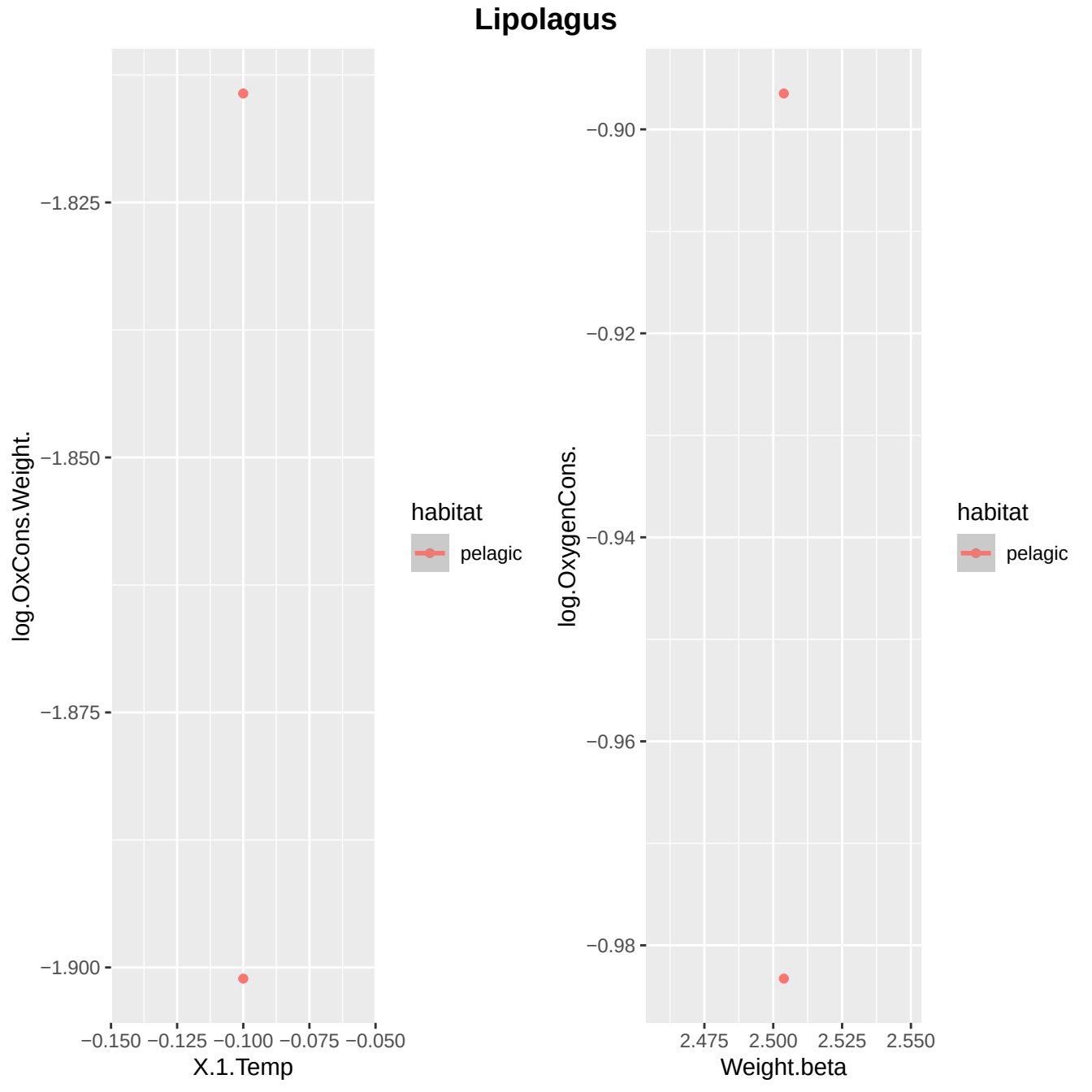

Leporinus
log.OxCons.Weight.
−1.4
−1.5
−1.6
−0.040
−0.038
−0.036
−0.034
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
0.2
0.0
−0.2
−0.4
−0.6
3.0
3.5
4.0
4.5
Weight.beta
habitat
benthopelagic

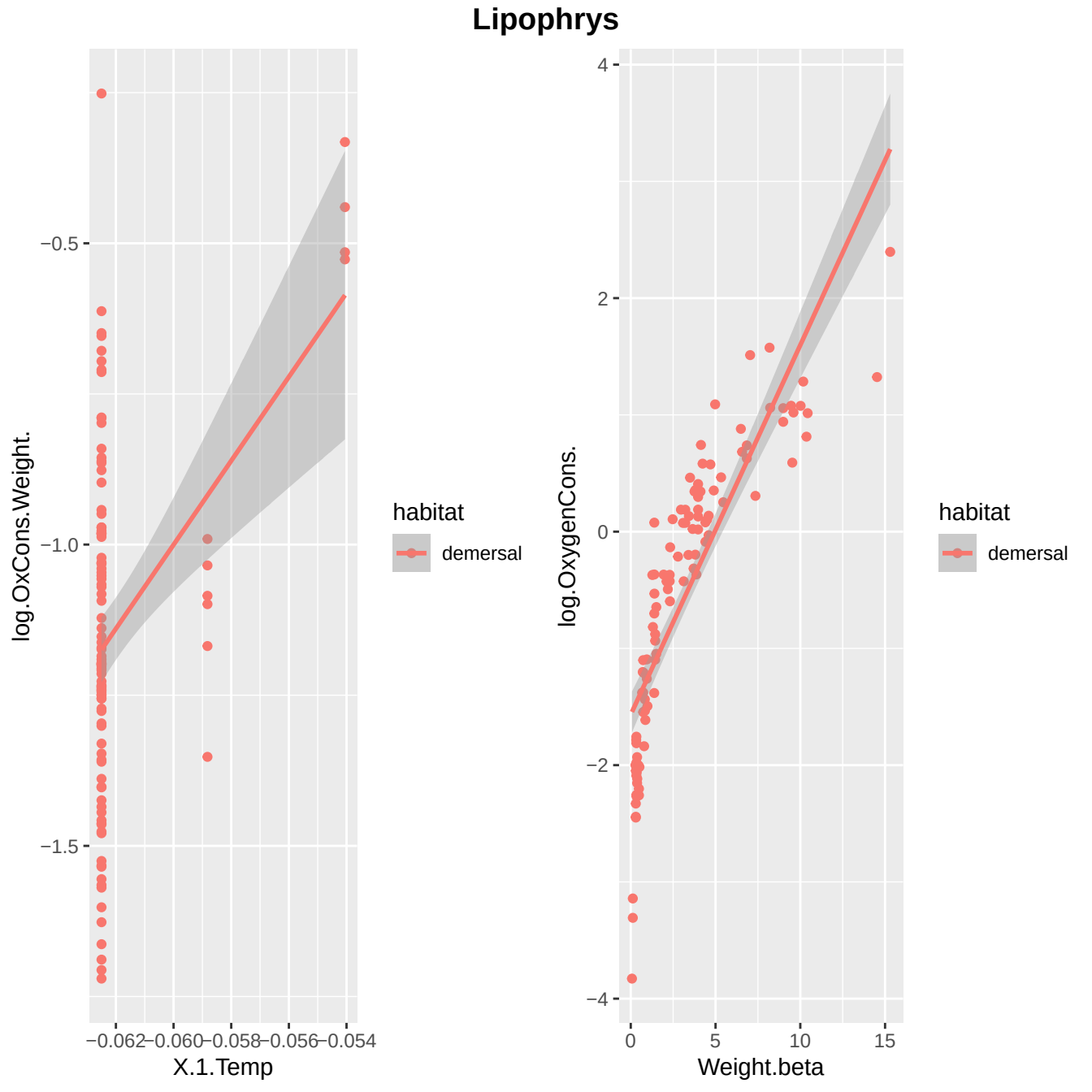

Lethrinus
log.OxCons.Weight.
−0.65
−0.70
−0.75
−0.0345
−0.0342
−0.0339
−0.0336
−0.0333
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
−2.170
−2.175
−2.180
−2.185
0.21
0.22
0.23
0.24
Weight.beta
habitat
benthopelagic

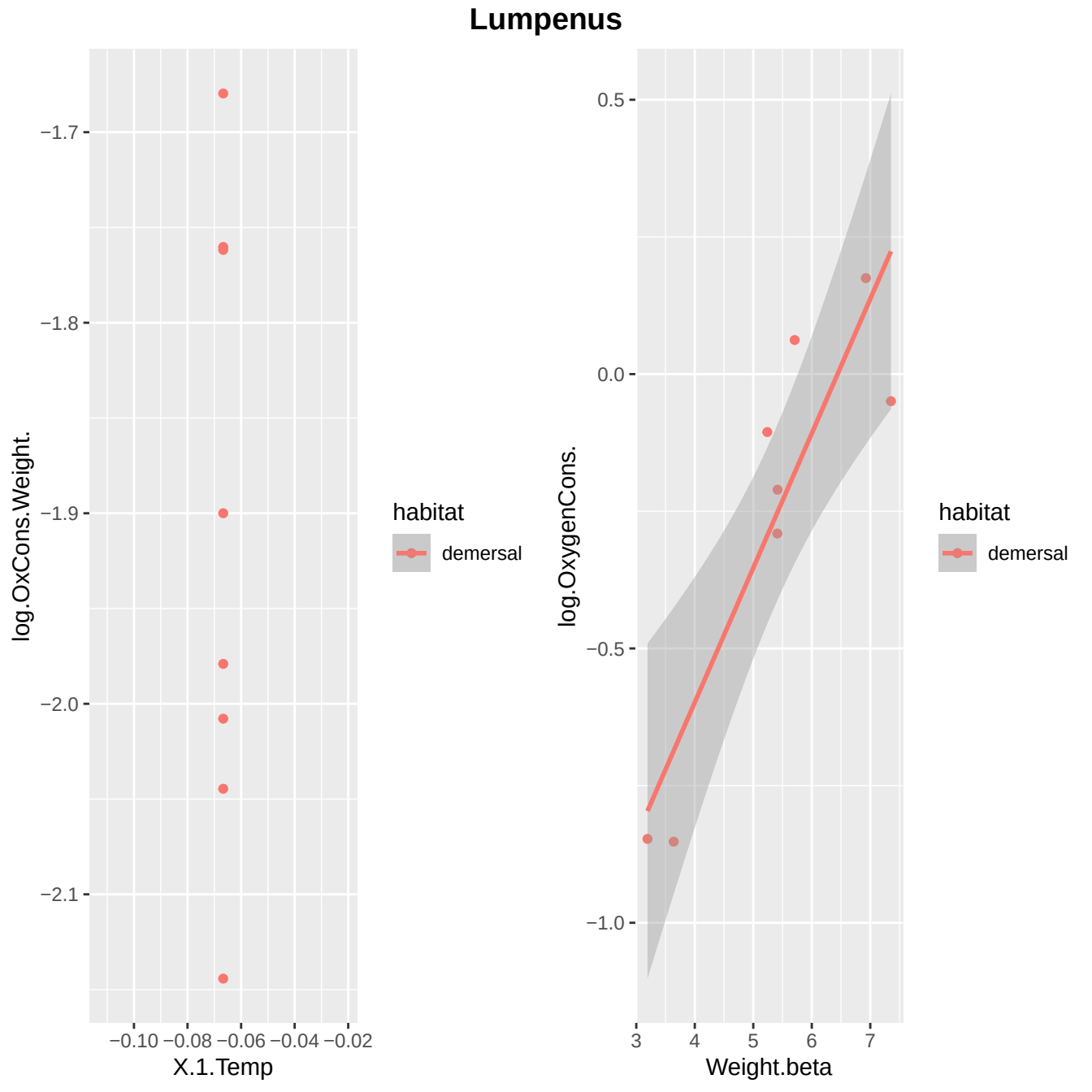

Leuciscus
log.OxCons.Weight.
−1
−2
−3
−0.20
−0.15
−0.10
−0.05
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
5
4
3
2
1
0
50
100
150
Weight.beta
habitat
benthopelagic

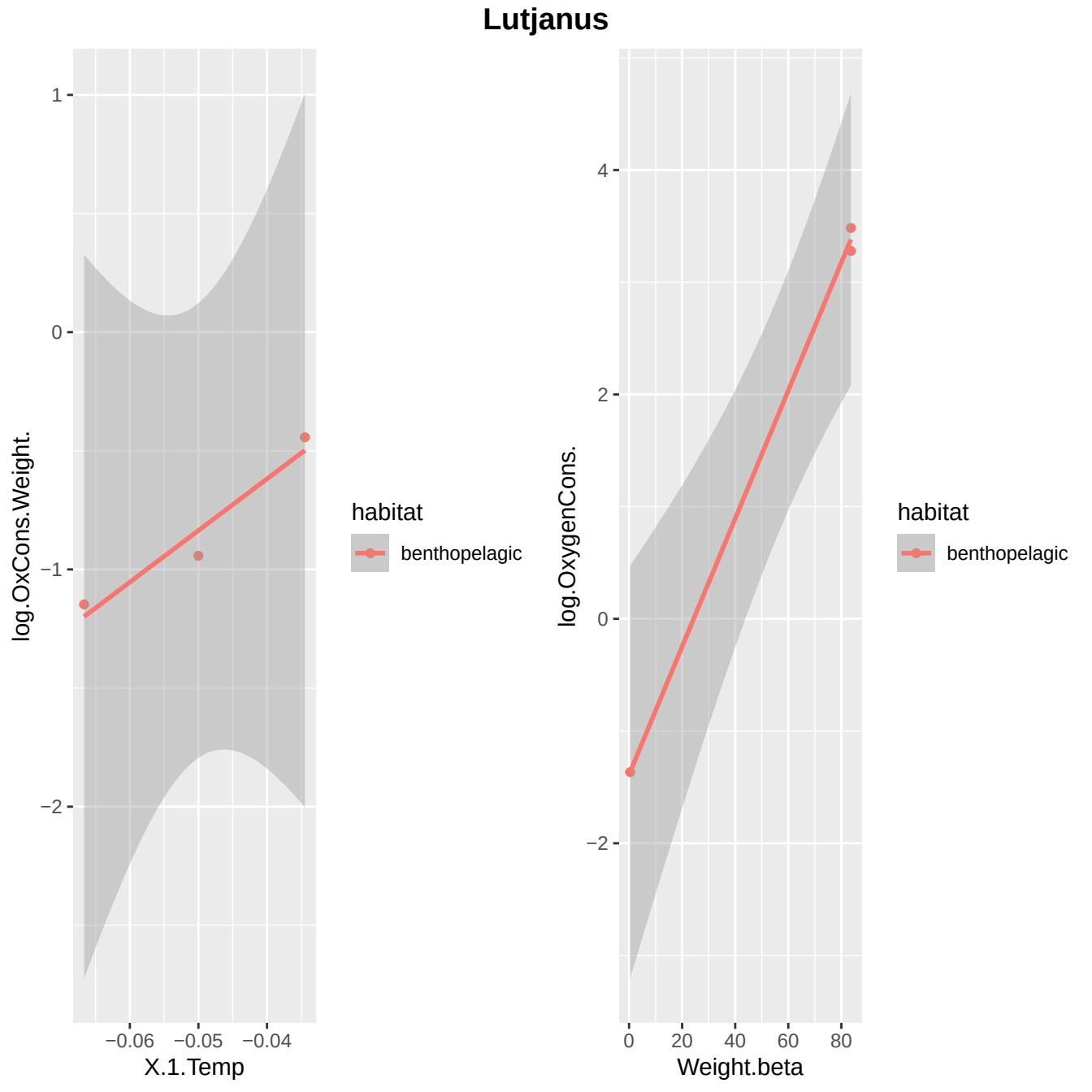

Limanda
log.OxCons.Weight.
−1
−2
−3
−4
−0.20
−0.15
−0.10
X.1.Temp
habitat
demersal
log.OxygenCons.
3
2
1
0
0
25
50
75
Weight.beta
habitat
demersal

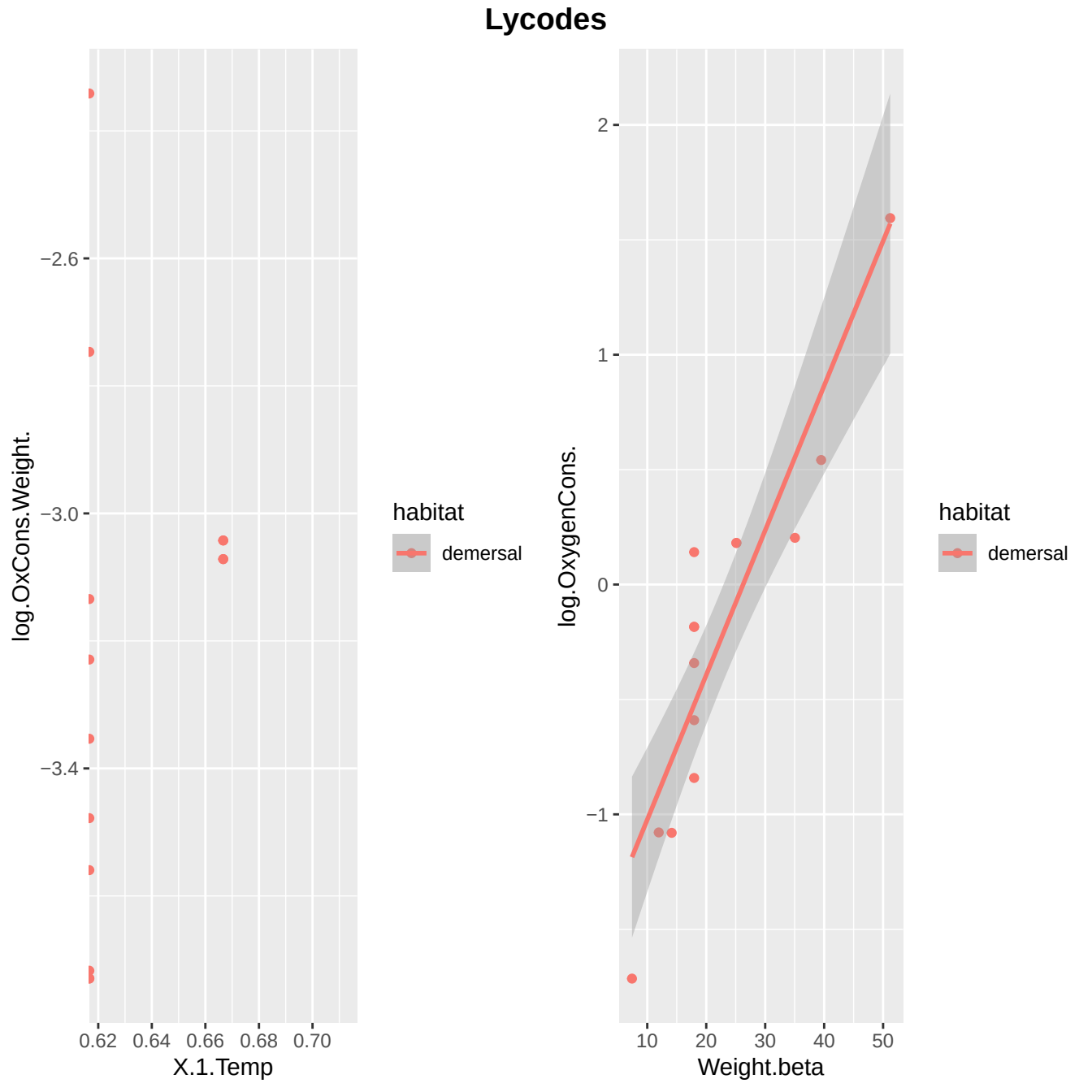

Liparis
log.OxCons.Weight.
−3.47
−3.48
−3.49
0.62
0.64
0.66
0.68
0.70
X.1.Temp
habitat
demersal
log.OxygenCons.
−1
−2
−3
5
10
15
Weight.beta
habitat
demersal

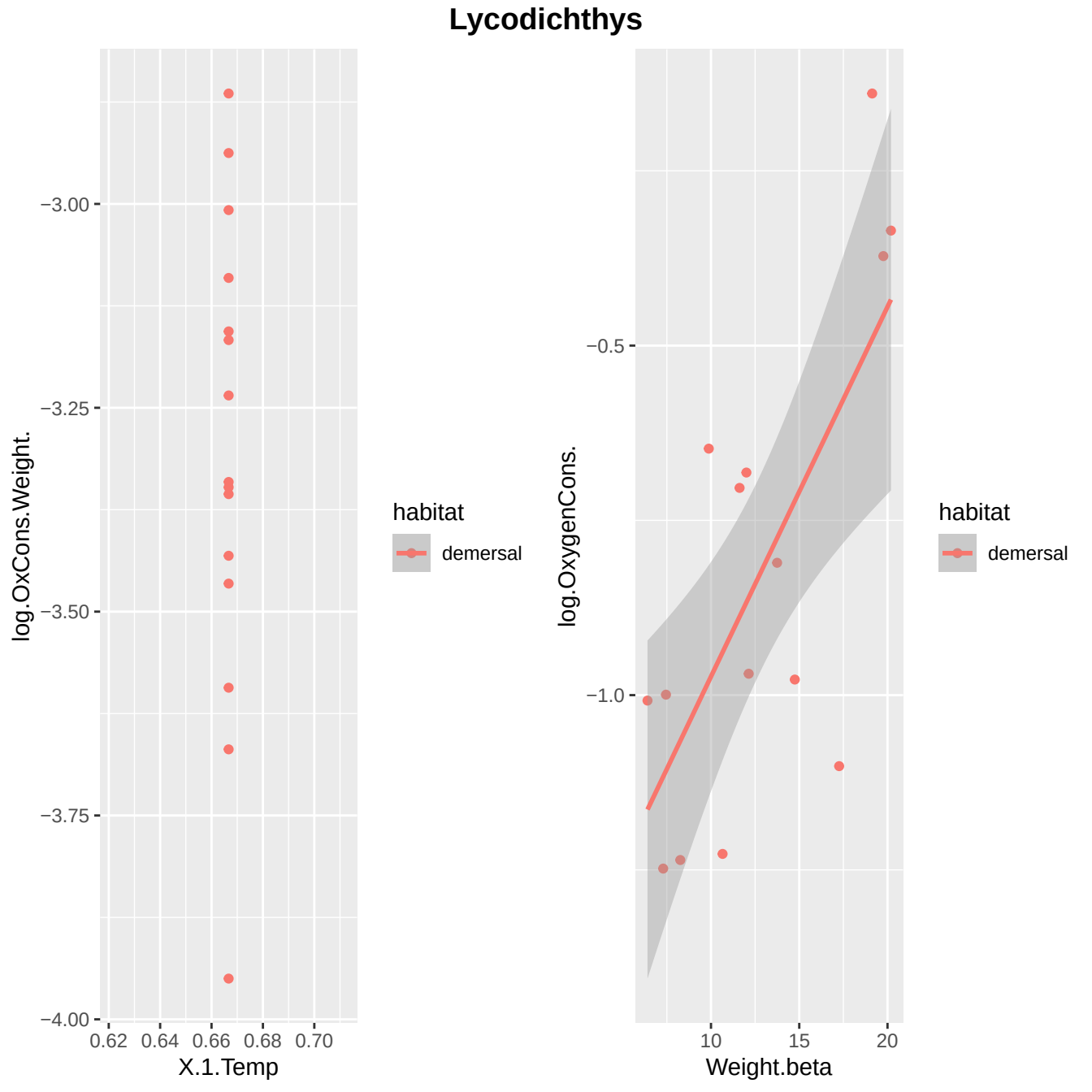

Lipolagus
log.OxCons.Weight.
−1.825
−1.850
−1.875
−1.900
−0.150 −0.125 −0.100 −0.075 −0.050
X.1.Temp
habitat
pelagic
log.OxygenCons.
−0.90
−0.92
−0.94
−0.96
−0.98
2.475 2.500 2.525 2.550
Weight.beta
habitat
pelagic

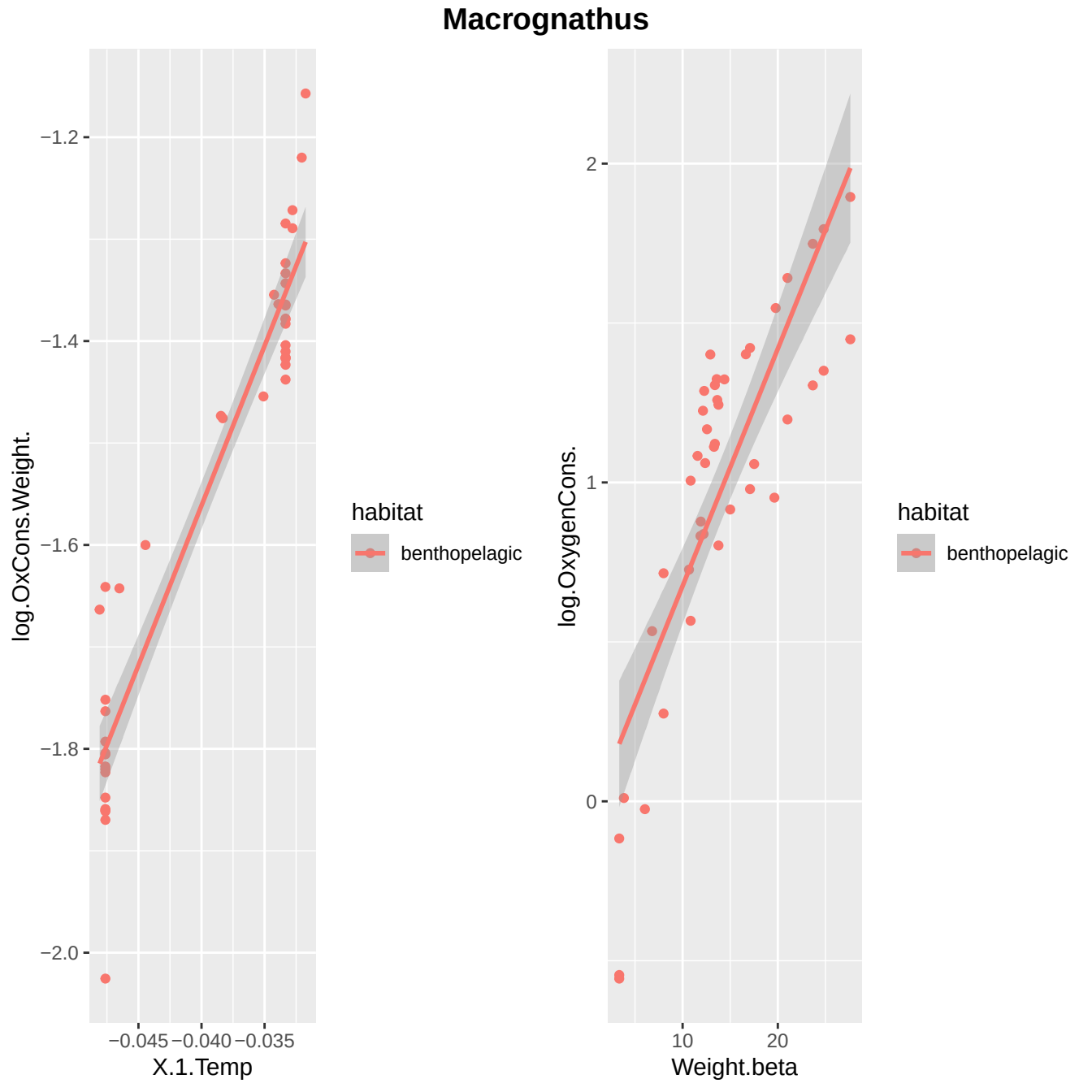

Lipophrys
log.OxCons.Weight.
−0.5
−1.0
−1.5
−0.062
−0.060
−0.058
−0.056
−0.054
X.1.Temp
habitat
demersal
log.OxygenCons.
4
2
0
−2
−4
0
5
10
15
Weight.beta
habitat
demersal

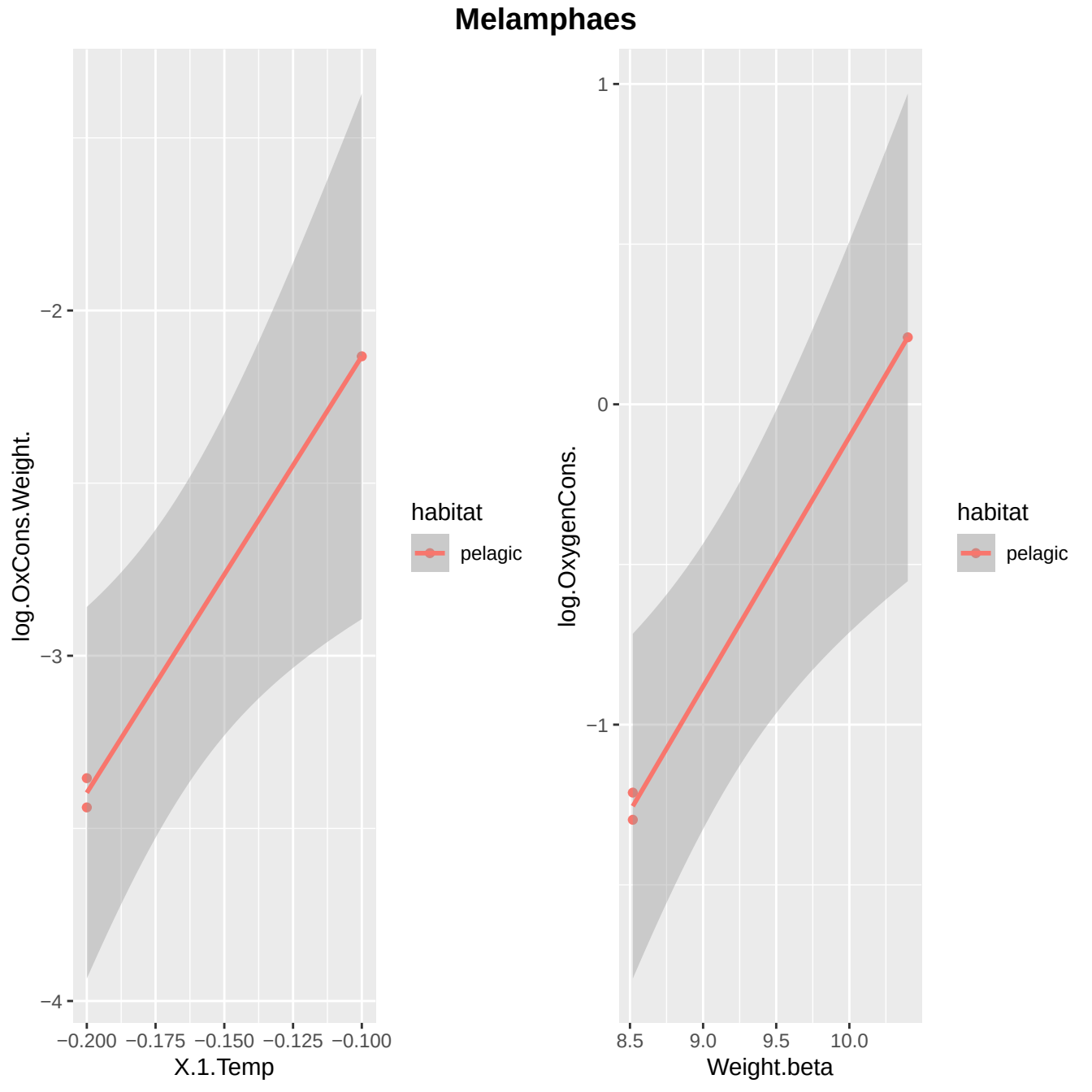

Lumpenus
log.OxCons.Weight.
−1.7
−1.8
−1.9
−2.0
−2.1
−0.10 −0.08 −0.06 −0.04 −0.02
X.1.Temp
habitat
demersal
log.OxygenCons.
0.5
0.0
−0.5
−1.0
3
4
5
6
7
Weight.beta
habitat
demersal

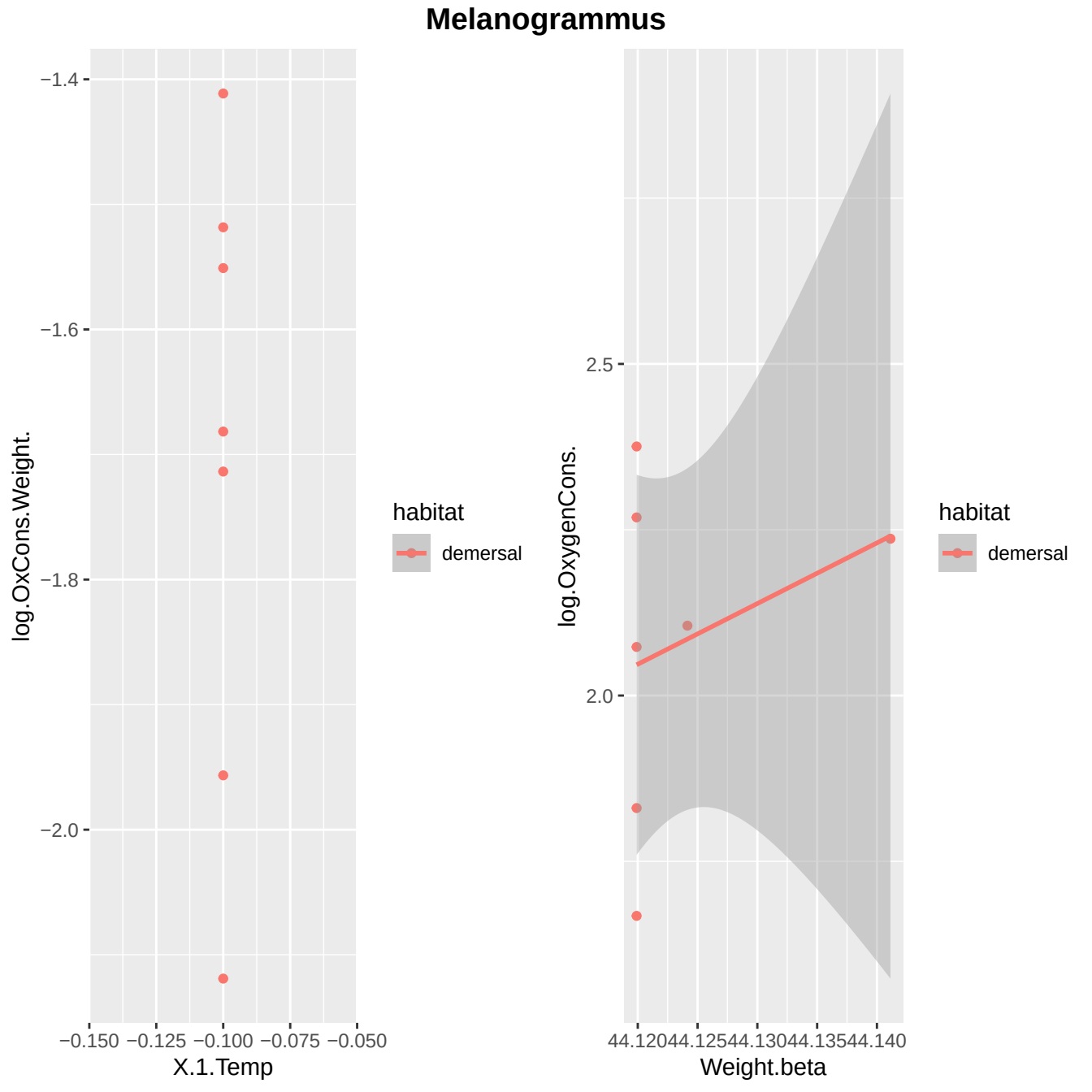

Lutjanus
log.OxCons.Weight.
1
0
−1
−2
−0.06
−0.05
−0.04
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
4
2
0
−2
0
20
40
60
80
Weight.beta
habitat
benthopelagic

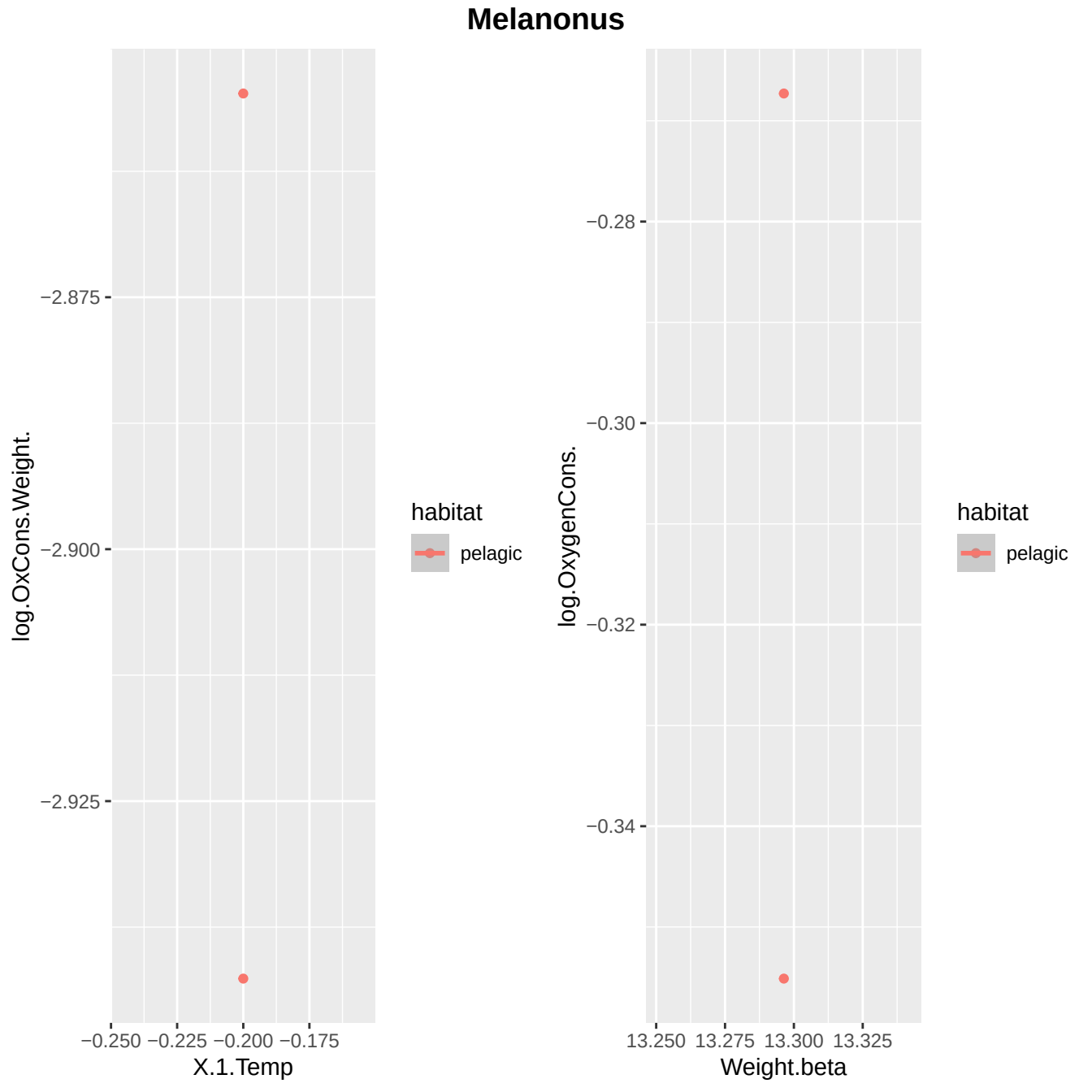

Lycodes
log.OxCons.Weight.
−2.6
−3.0
−3.4
0.62
0.64
0.66
0.68
0.70
X.1.Temp
habitat
demersal
log.OxygenCons.
2
1
0
−1
10
20
30
40
50
Weight.beta
habitat
demersal

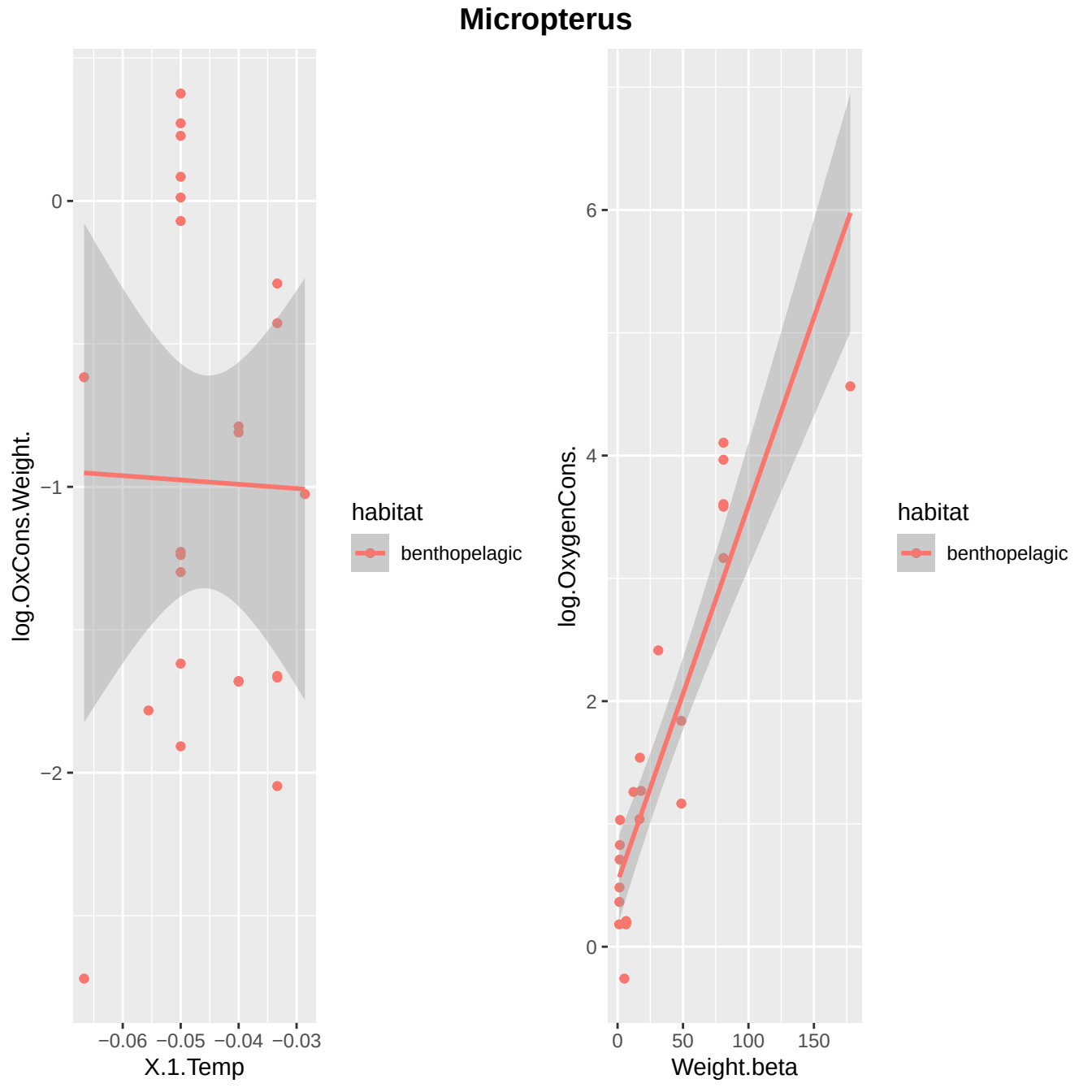

Lycodichthys
log.OxCons.Weight.
−3.00
−3.25
−3.50
−3.75
−4.00
0.62
0.64
0.66
0.68
0.70
X.1.Temp
habitat
demersal
log.OxygenCons.
−0.5
−1.0
10
15
20
Weight.beta
habitat
demersal

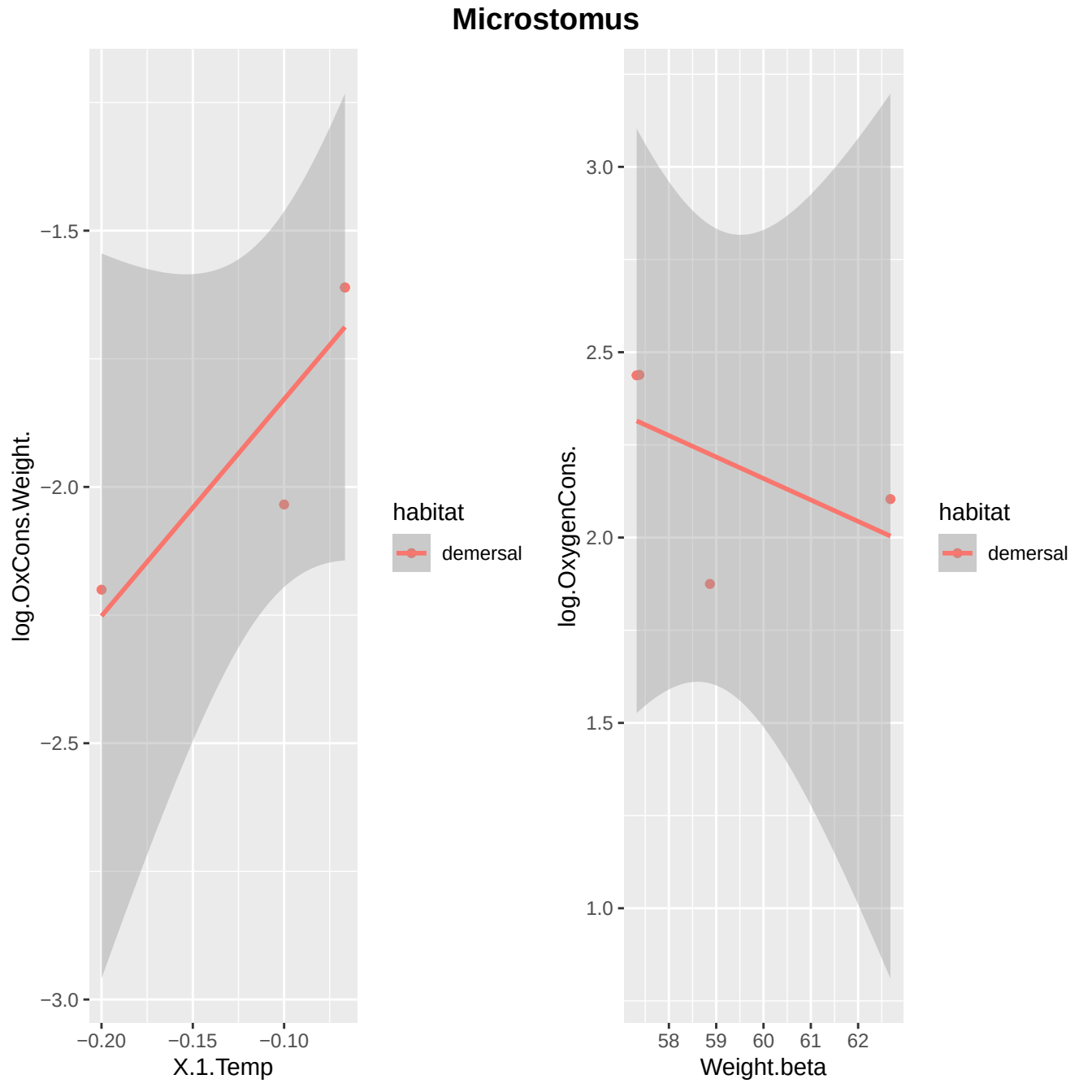

Macrognathus
log.OxCons.Weight.
−1.2
−1.4
−1.6
−1.8
−2.0
−0.045
−0.040
−0.035
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
2
1
0
10
20
Weight.beta
habitat
benthopelagic

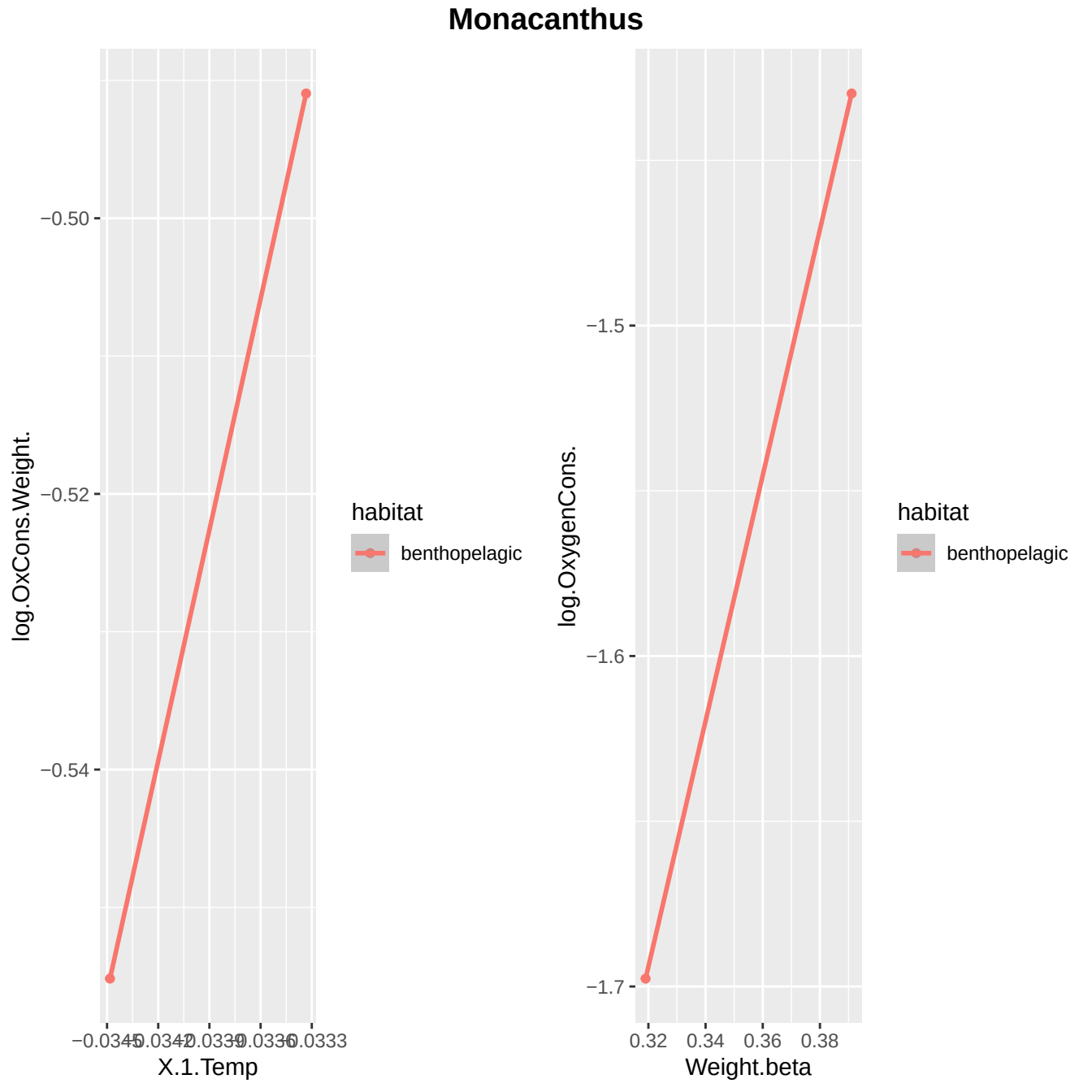

Melamphaes
log.OxCons.Weight.
−2
−3
−4
−0.200
−0.175
−0.150
−0.125
−0.100
X.1.Temp
habitat
pelagic
log.OxygenCons.
1
0
−1
8.5
9.0
9.5
10.0
Weight.beta
habitat
pelagic

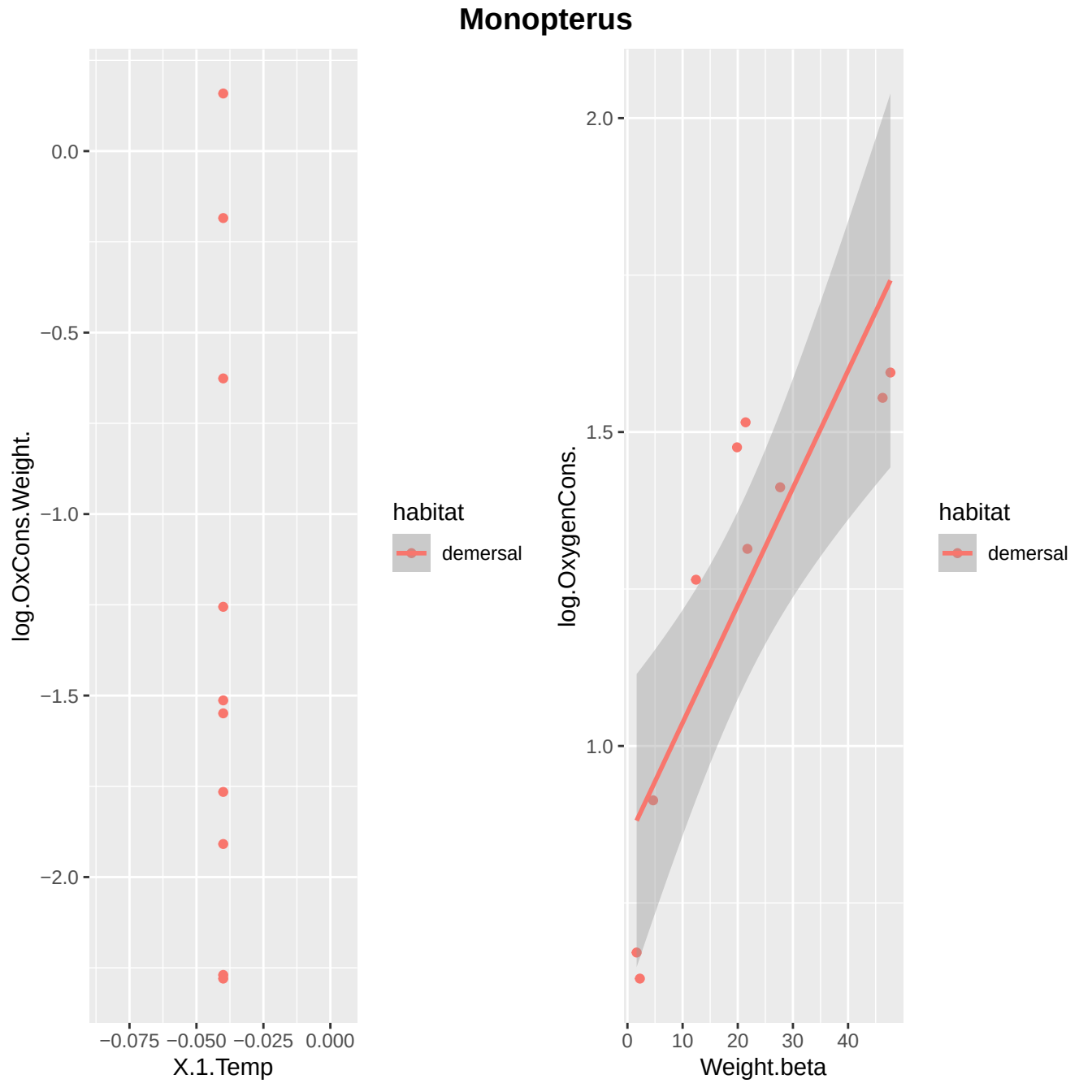

Melanogrammus
log.OxCons.Weight.
−1.4
−1.6
−1.8
−2.0
−0.150 −0.125 −0.100 −0.075 −0.050
X.1.Temp
habitat
demersal
log.OxygenCons.
2.5
2.0
44.120 44.125 44.130 44.135 44.140
Weight.beta
habitat
demersal

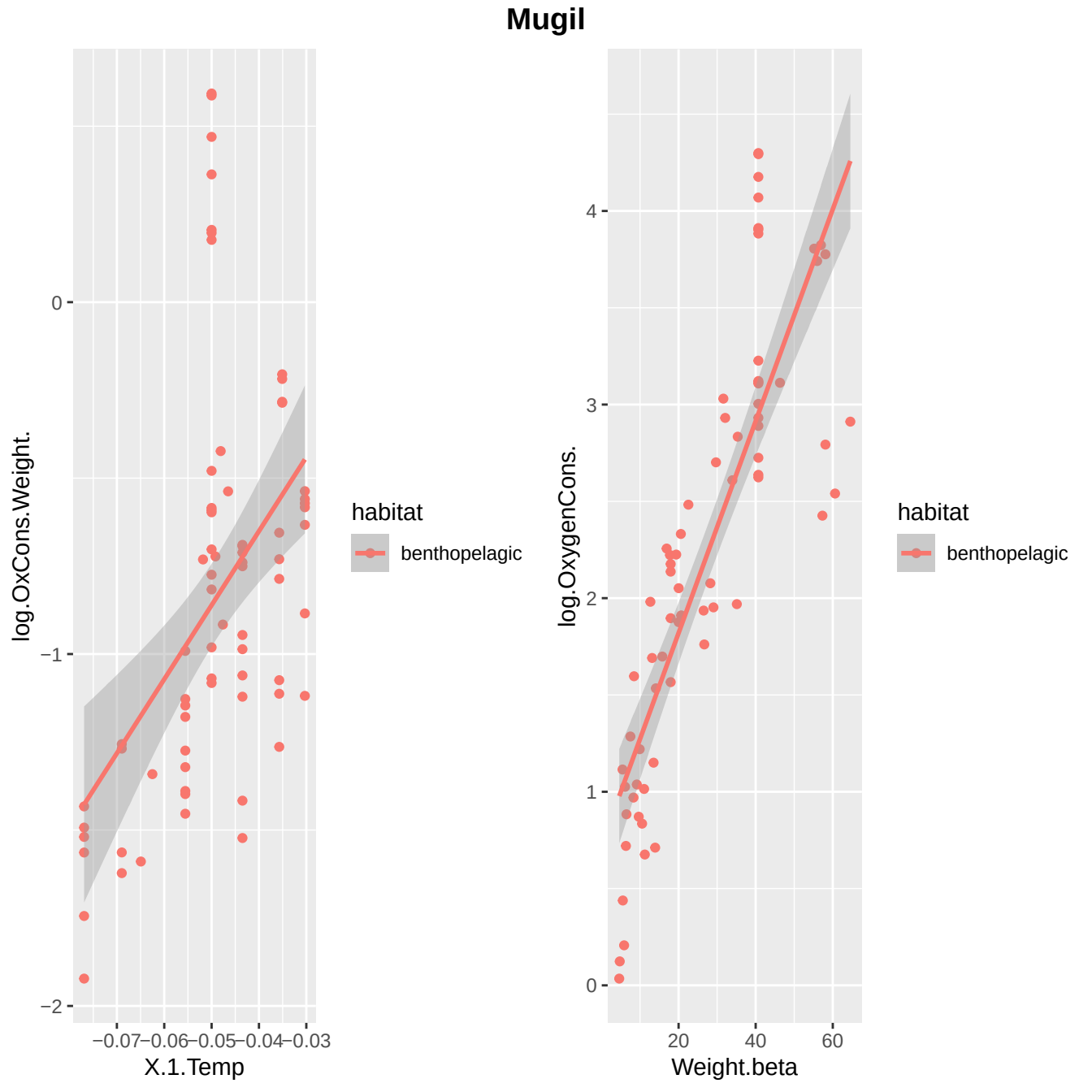

Melanonus
log.OxCons.Weight.
−2.875
−2.900
−2.925
−0.250 −0.225 −0.200 −0.175
X.1.Temp
habitat
pelagic
log.OxygenCons.
−0.28
−0.30
−0.32
−0.34
13.250 13.275 13.300 13.325
Weight.beta
habitat
pelagic

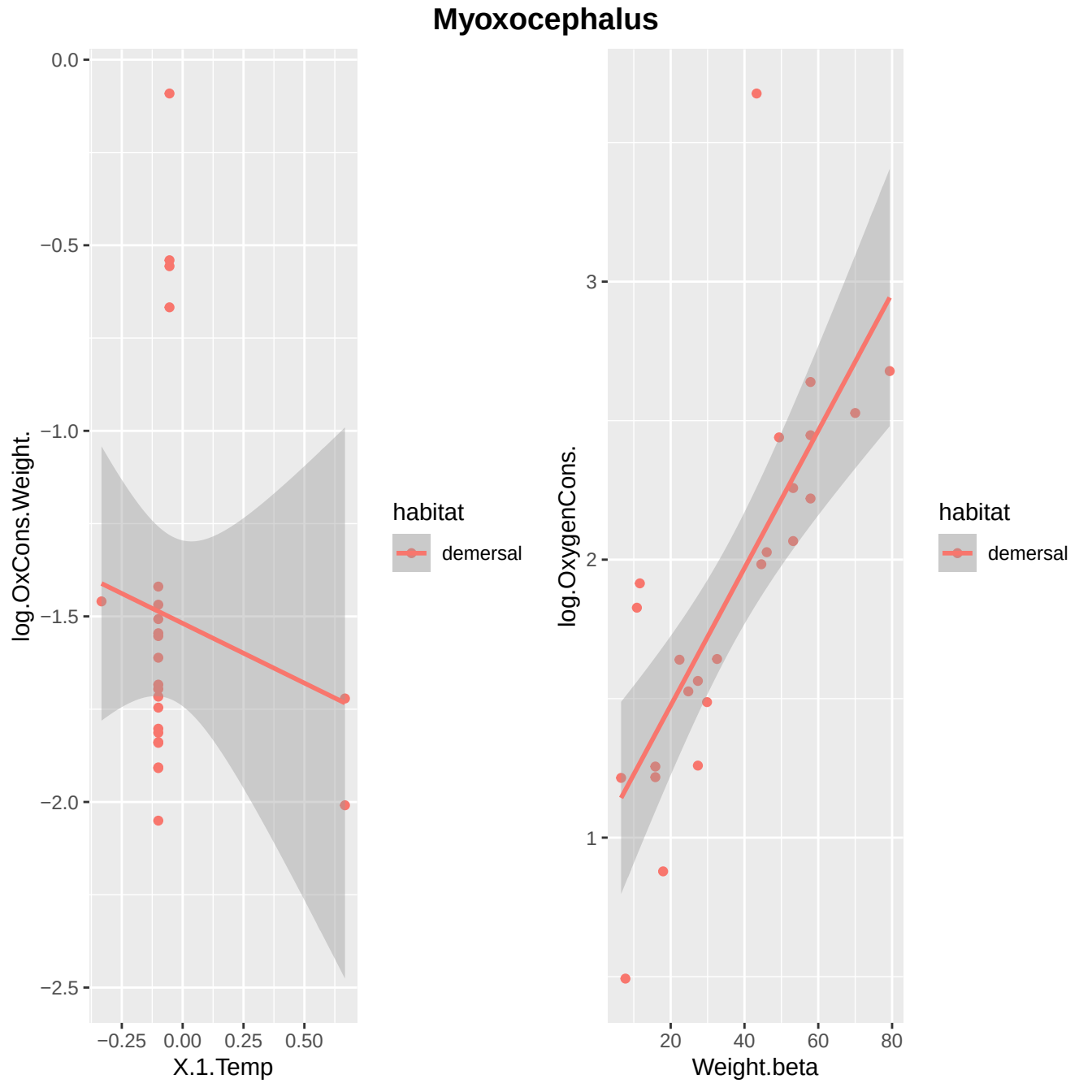

Micropterus
log.OxCons.Weight.
0
−1
−2
−0.06
−0.05
−0.04
−0.03
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
6
4
2
0
0
50
100
150
Weight.beta
habitat
benthopelagic

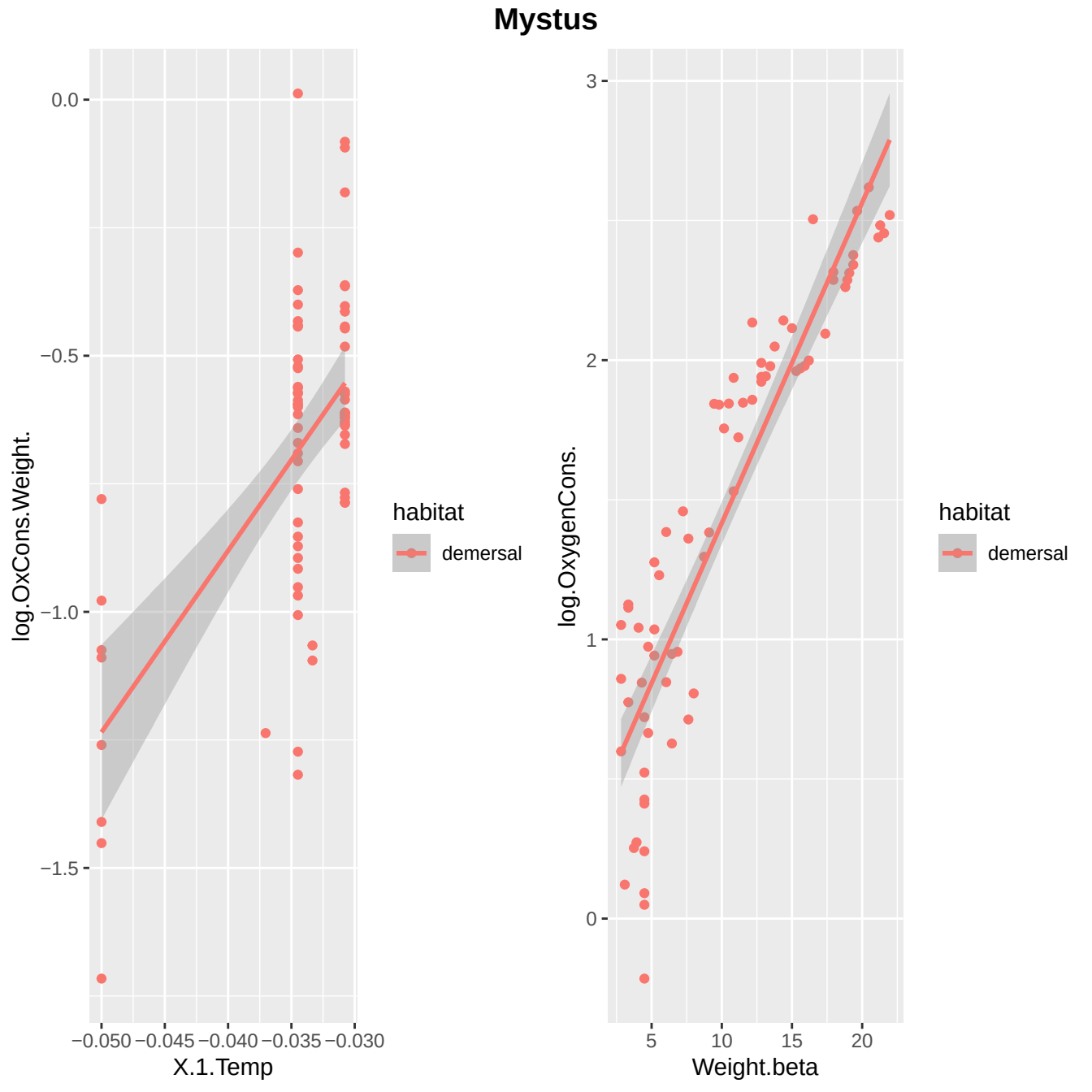

Microstomus
log.OxCons.Weight.
−1.5
−2.0
−2.5
−3.0
−0.20
−0.15
−0.10
X.1.Temp
habitat
demersal
log.OxygenCons.
3.0
2.5
2.0
1.5
1.0
58
59
60
61
62
Weight.beta
habitat
demersal

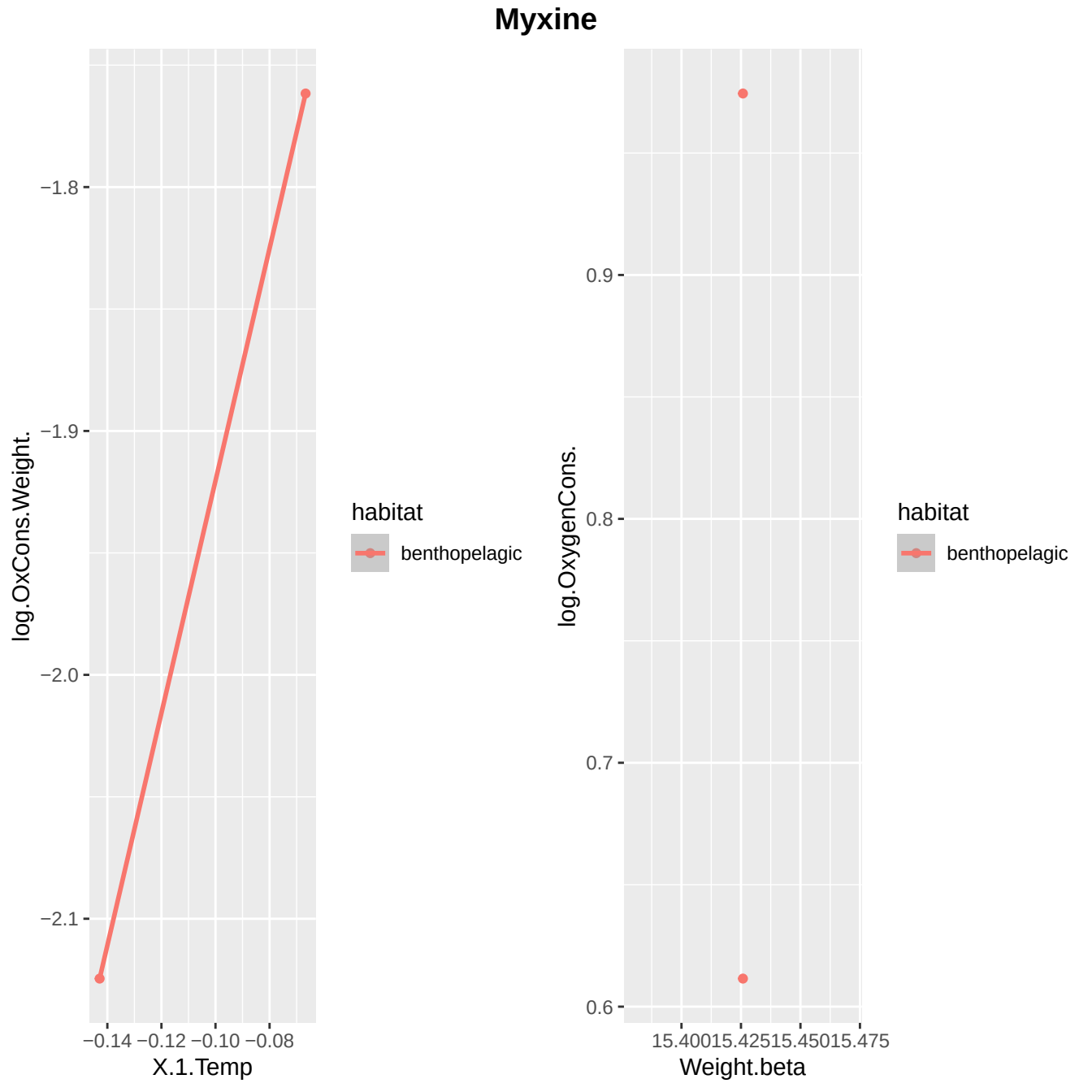

Monacanthus
log.OxCons.Weight.
−0.50
−0.52
−0.54
−0.0345
−0.0342
−0.0339
−0.0336
−0.0333
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
−1.5
−1.6
−1.7
0.32
0.34
0.36
0.38
Weight.beta
habitat
benthopelagic

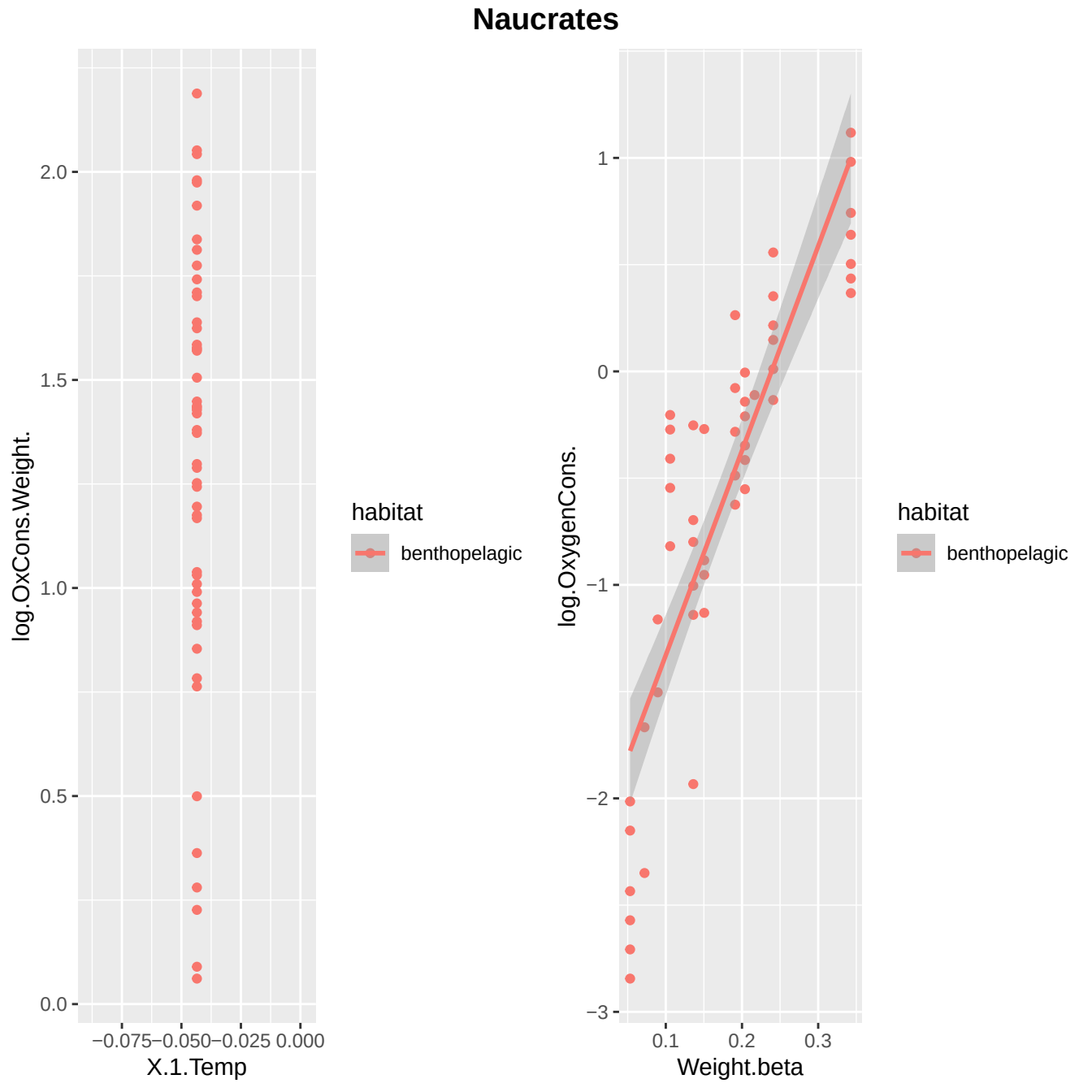

Monopterus
0.0
−0.5
−1.0
−1.5
−2.0
log.OxCons.Weight.
−0.075
−0.050
−0.025
0.000
X.1.Temp
habitat
demersal
2.0
1.5
1.0
log.OxygenCons.
0
10
20
30
40
Weight.beta
habitat
demersal

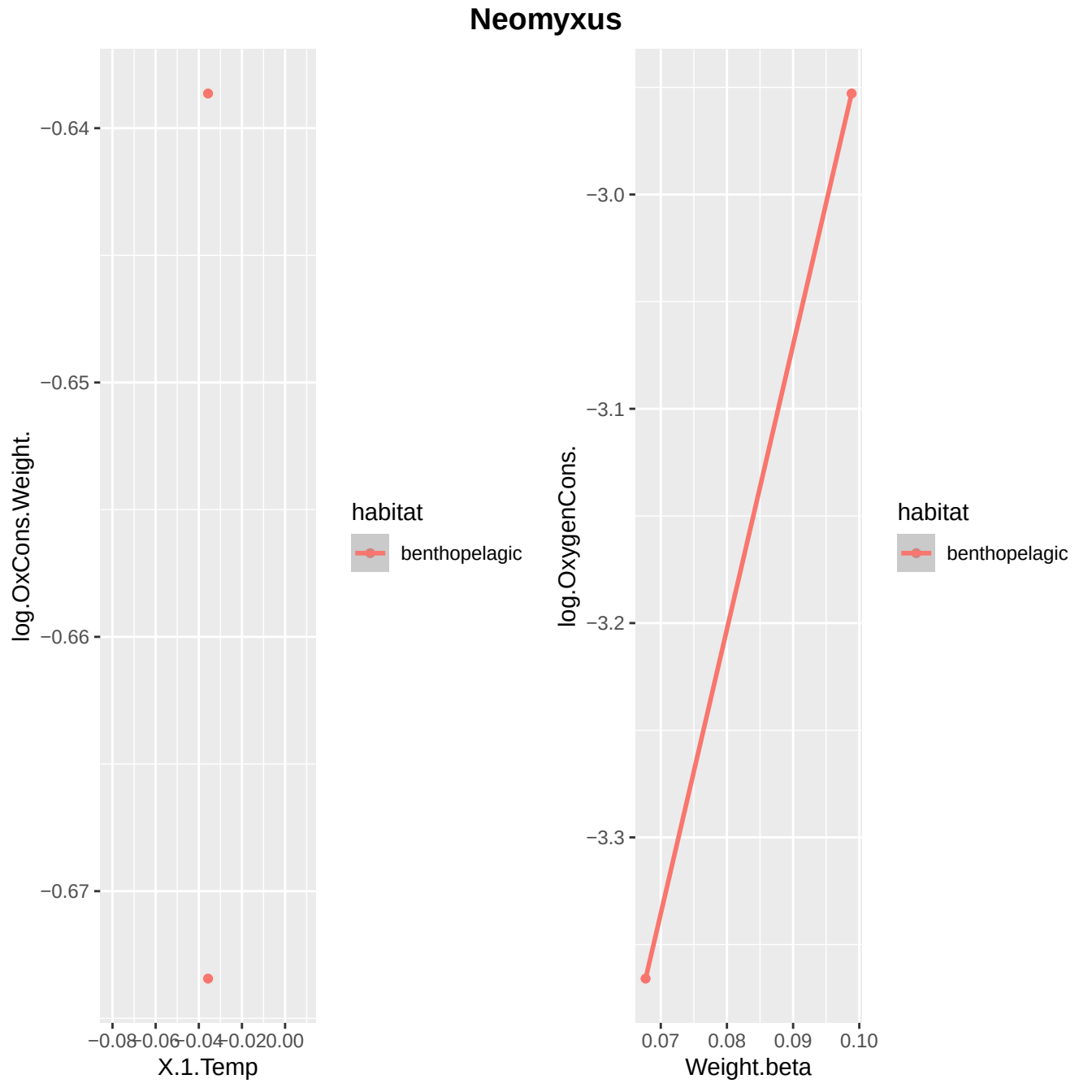

Mugil
log.OxCons.Weight.
0
−1
−2
−0.07
−0.06
−0.05
−0.04
−0.03
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
4
3
2
1
0
20
40
60
Weight.beta
habitat
benthopelagic

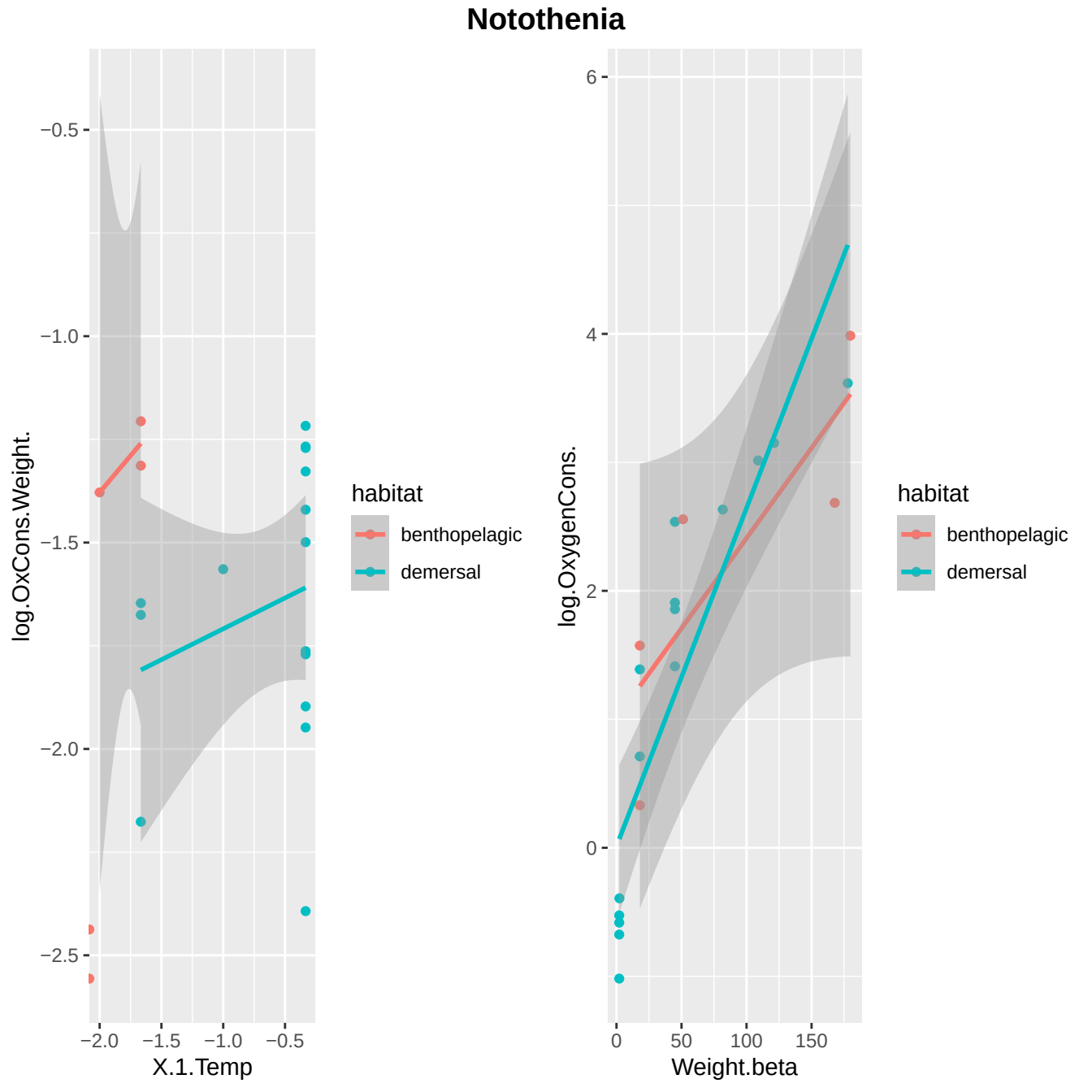

Myoxocephalus
log.OxCons.Weight.
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−0.25
0.00
0.25
0.50
X.1.Temp
habitat
demersal
log.OxygenCons.
3
2
1
20
40
60
80
Weight.beta
habitat
demersal

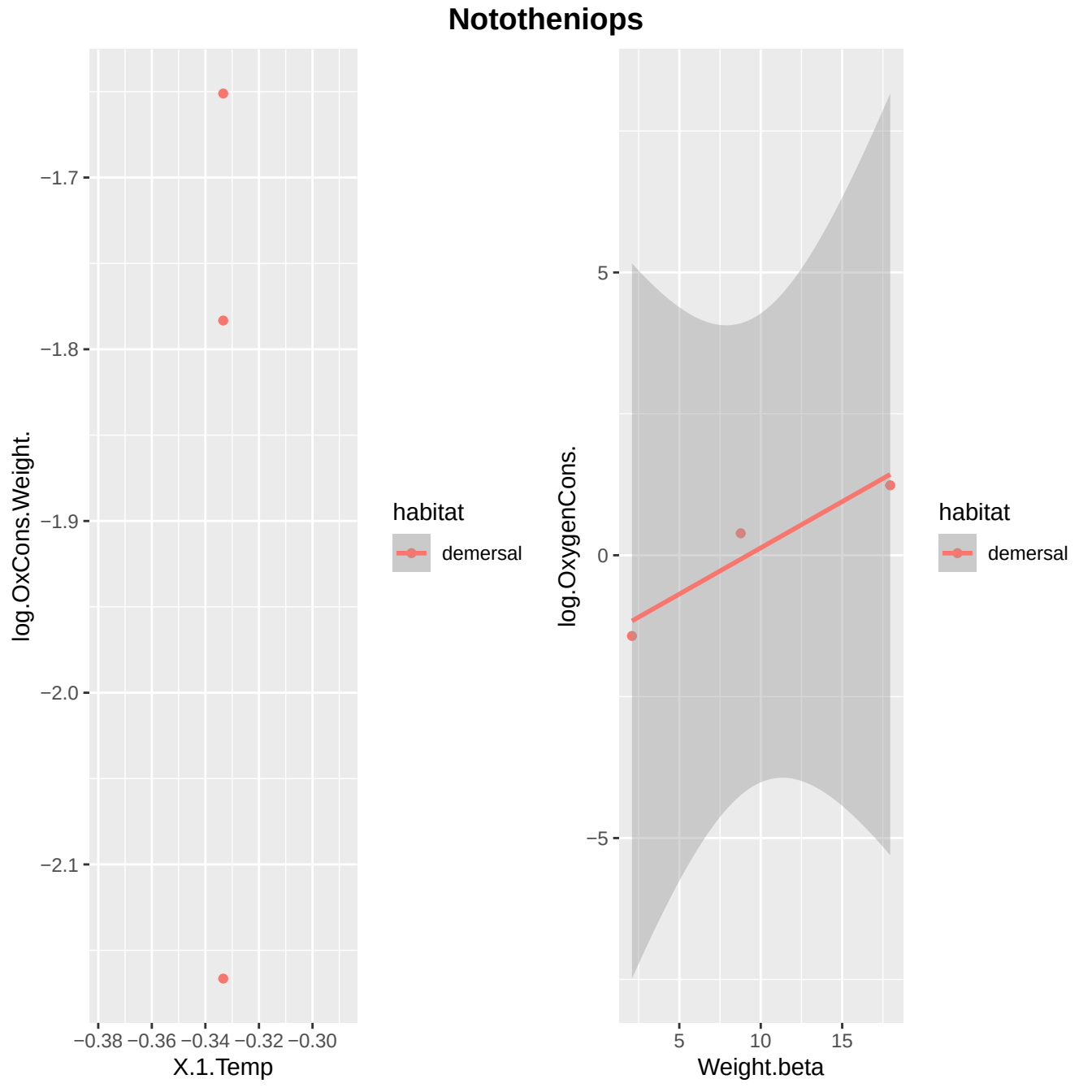

Mystus
0.0
−0.5
−1.0
−1.5
log.OxCons.Weight.
−0.050
−0.045
−0.040
−0.035
−0.030
X.1.Temp
habitat
demersal
3
2
1
0
log.OxygenCons.
5
10
15
20
Weight.beta
habitat
demersal

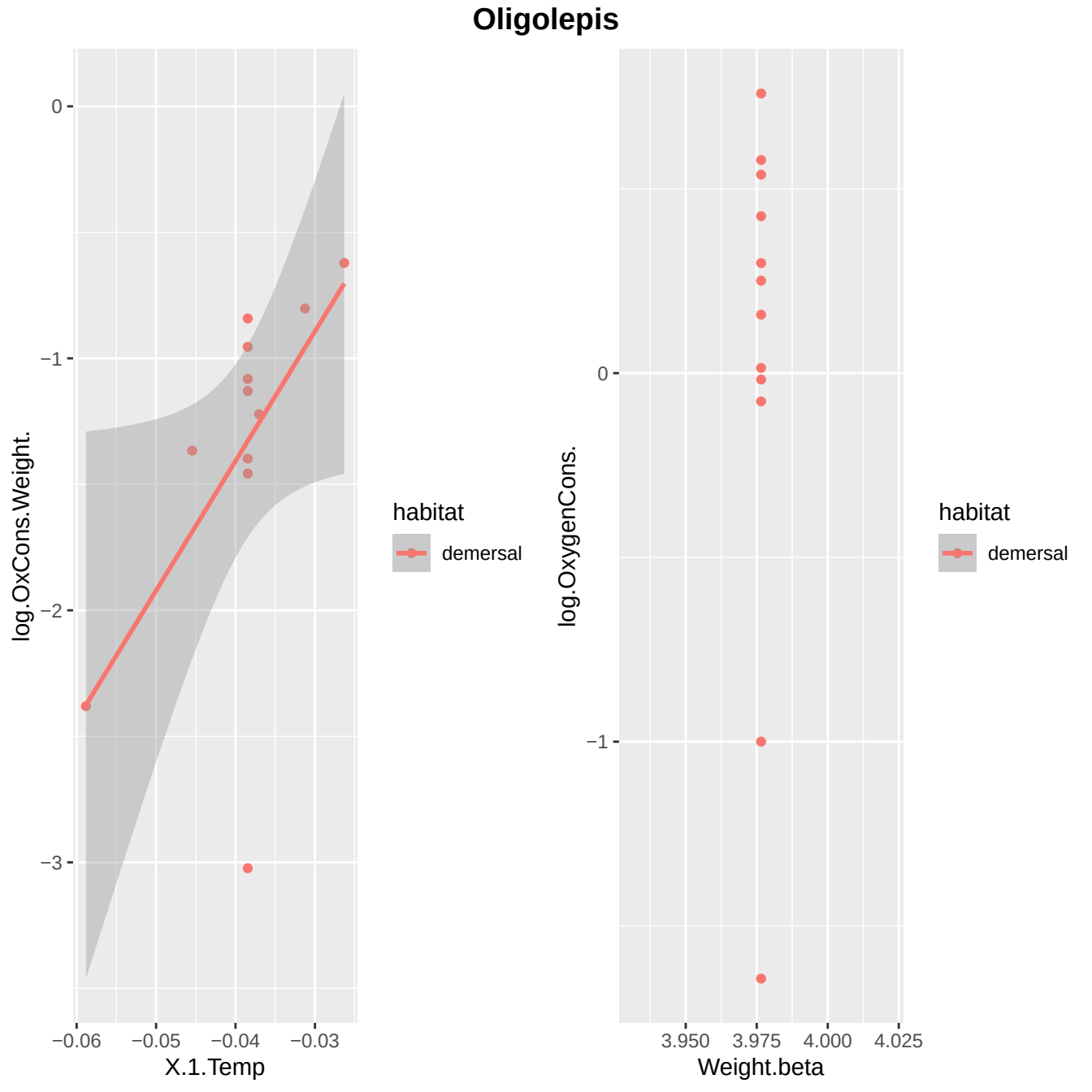

Myxine
log.OxCons.Weight.
−1.8
−1.9
−2.0
−2.1
−0.14 −0.12 −0.10 −0.08
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
0.9
0.8
0.7
0.6
15.400 15.425 15.450 15.475
Weight.beta
habitat
benthopelagic

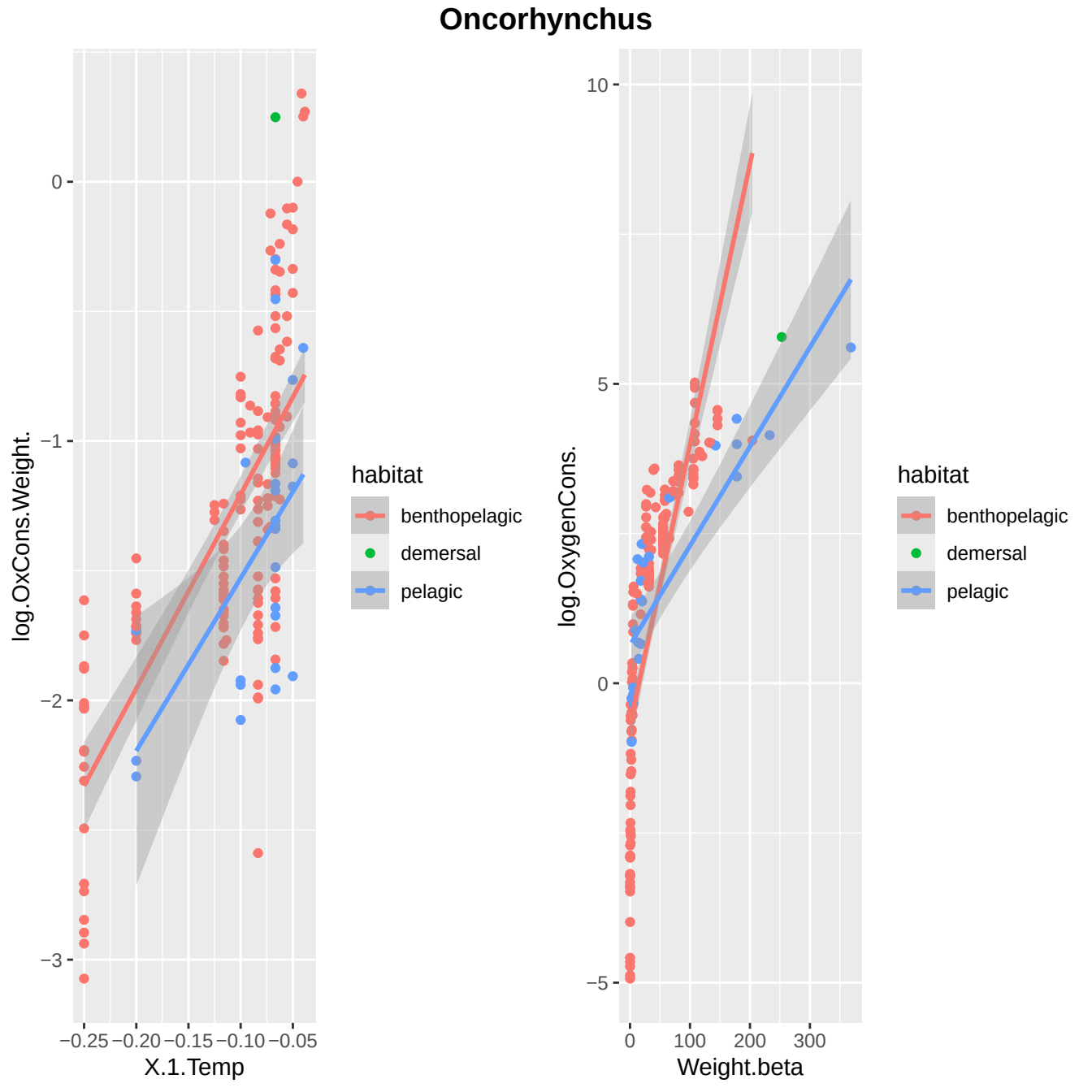

Naucrates
log.OxCons.Weight.
2.0
1.5
1.0
0.5
0.0
−0.075
−0.050
−0.025
0.000
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
1
0
−1
−2
−3
0.1
0.2
0.3
Weight.beta
habitat
benthopelagic

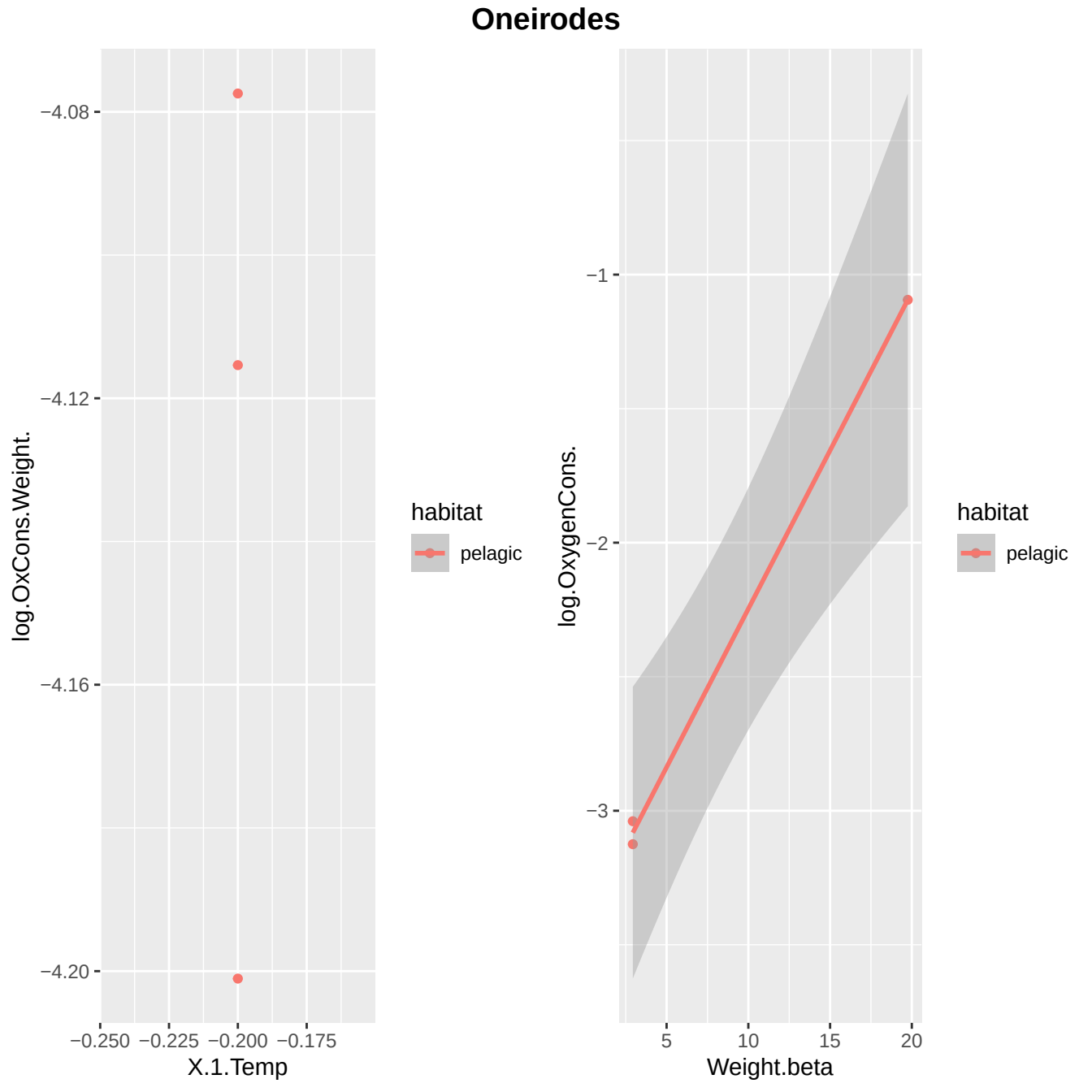

Neomyxus
log.OxCons.Weight.
−0.64
−0.65
−0.66
−0.67
−0.08
−0.06
−0.04
−0.02
0.00
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
−3.0
−3.1
−3.2
−3.3
0.07
0.08
0.09
0.10
Weight.beta
habitat
benthopelagic

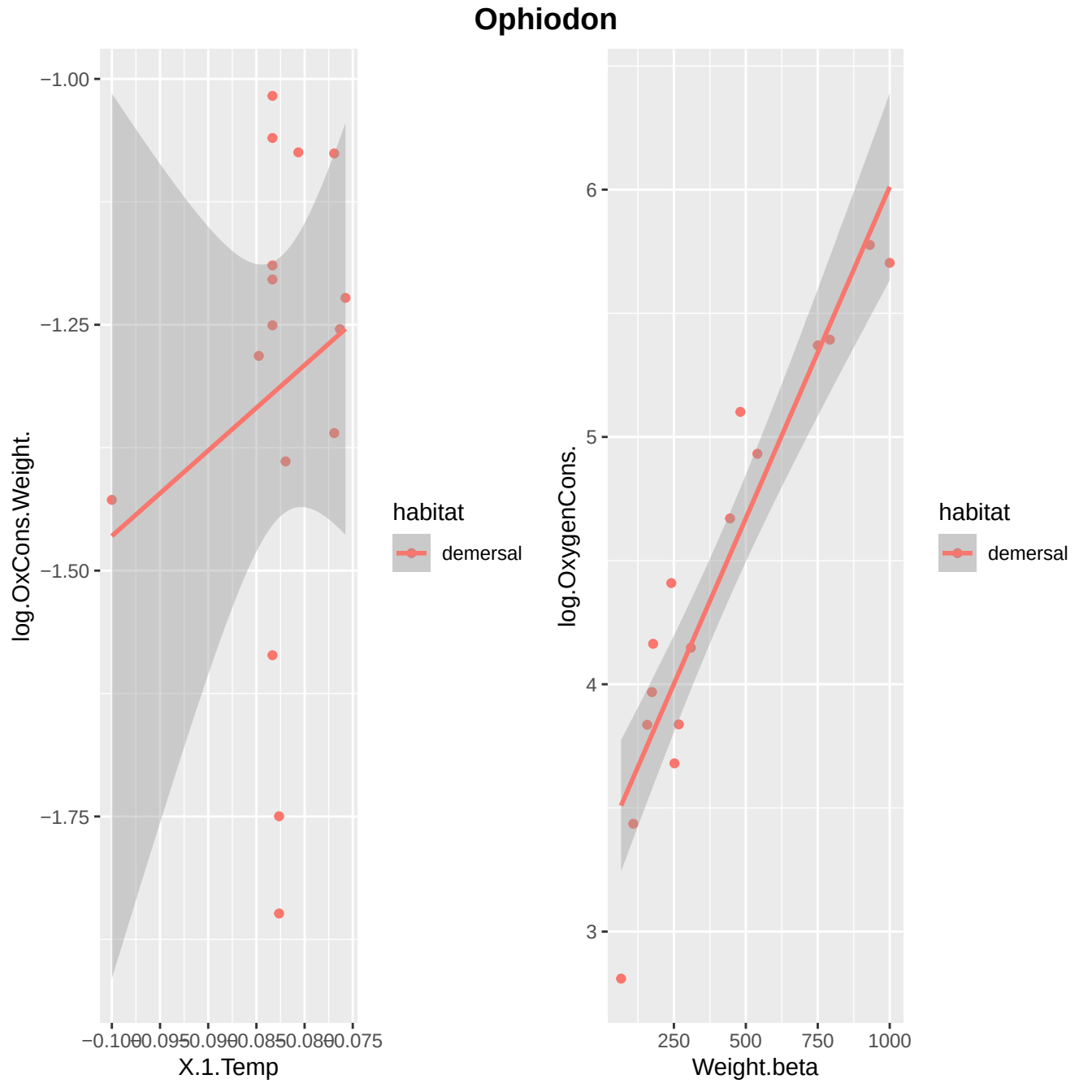

Notothenia
log.OxCons.Weight.
−0.5
−1.0
−1.5
−2.0
−2.5
−2.0
−1.5
−1.0
−0.5
X.1.Temp
habitat
benthopelagic
demersal
log.OxygenCons.
6
4
2
0
0
50
100
150
Weight.beta
habitat
benthopelagic
demersal

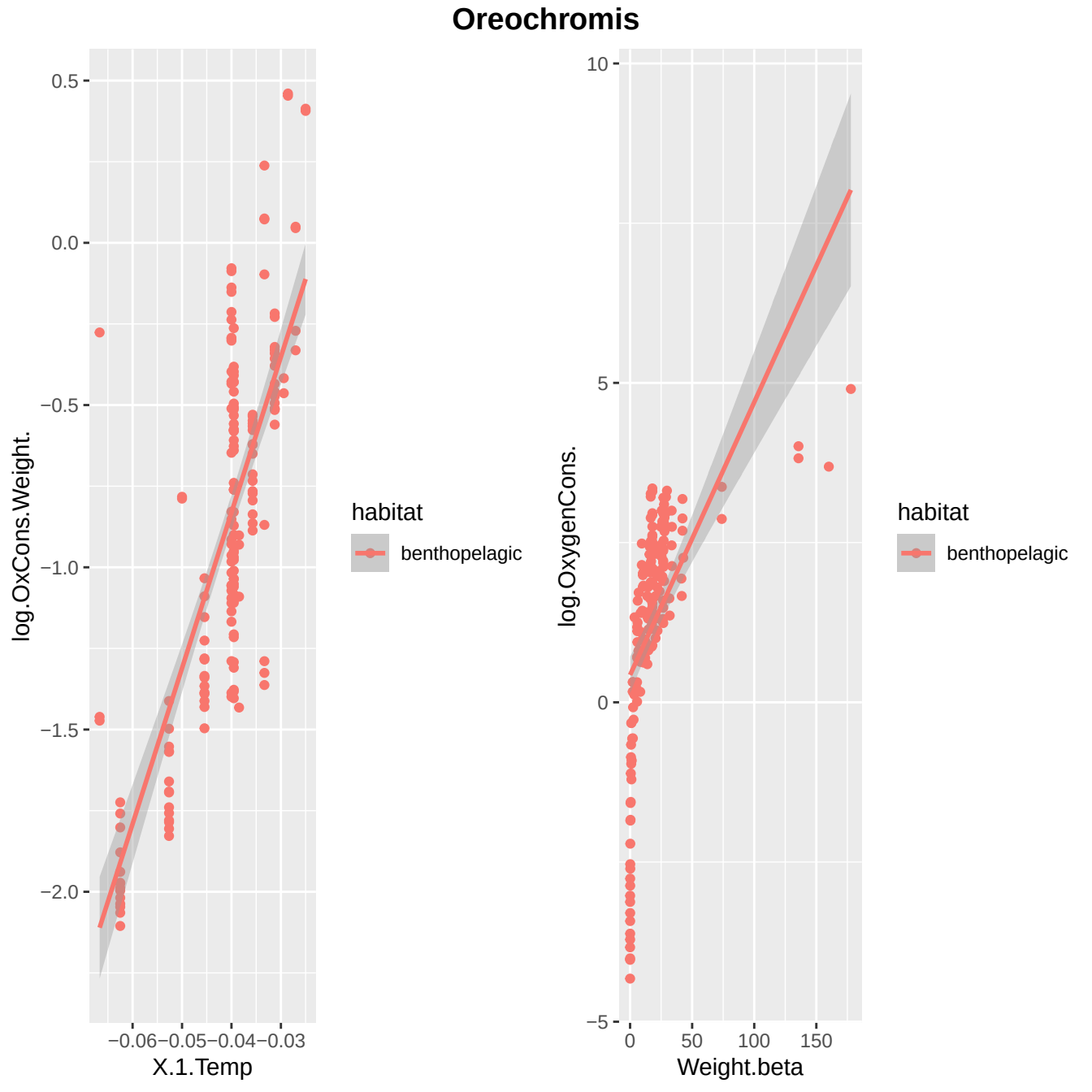

Nototheniops
log.OxCons.Weight.
−1.7
−1.8
−1.9
−2.0
−2.1
−0.38 −0.36 −0.34 −0.32 −0.30
X.1.Temp
habitat
demersal
log.OxygenCons.
5
0
−5
5 10 15
Weight.beta
habitat
demersal

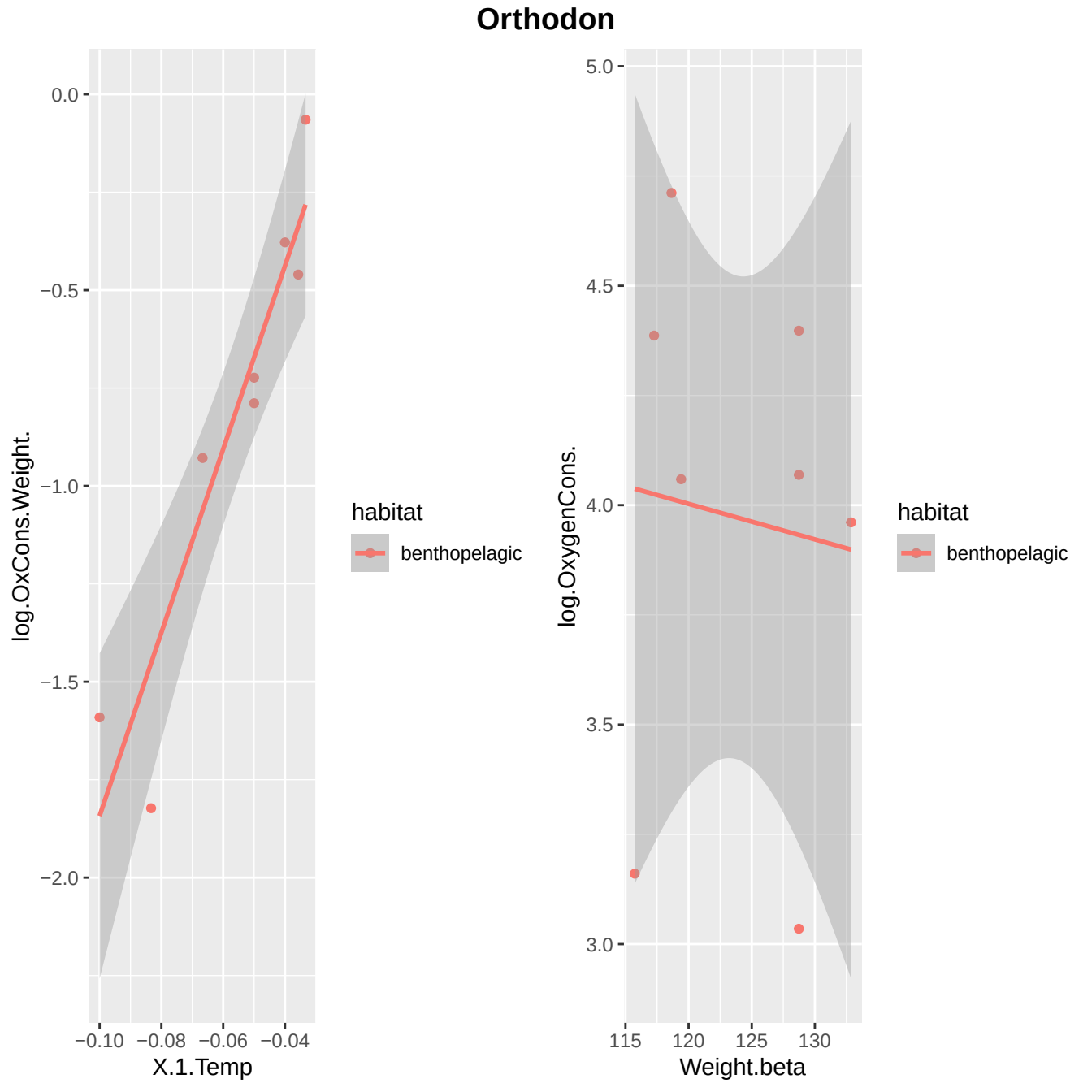

Oligolepis
0
−1
−2
−3
log.OxCons.Weight.
−0.06
−0.05
−0.04
−0.03
X.1.Temp
habitat
demersal
0
−1
log.OxygenCons.
3.950
3.975
4.000
4.025
Weight.beta
habitat
demersal

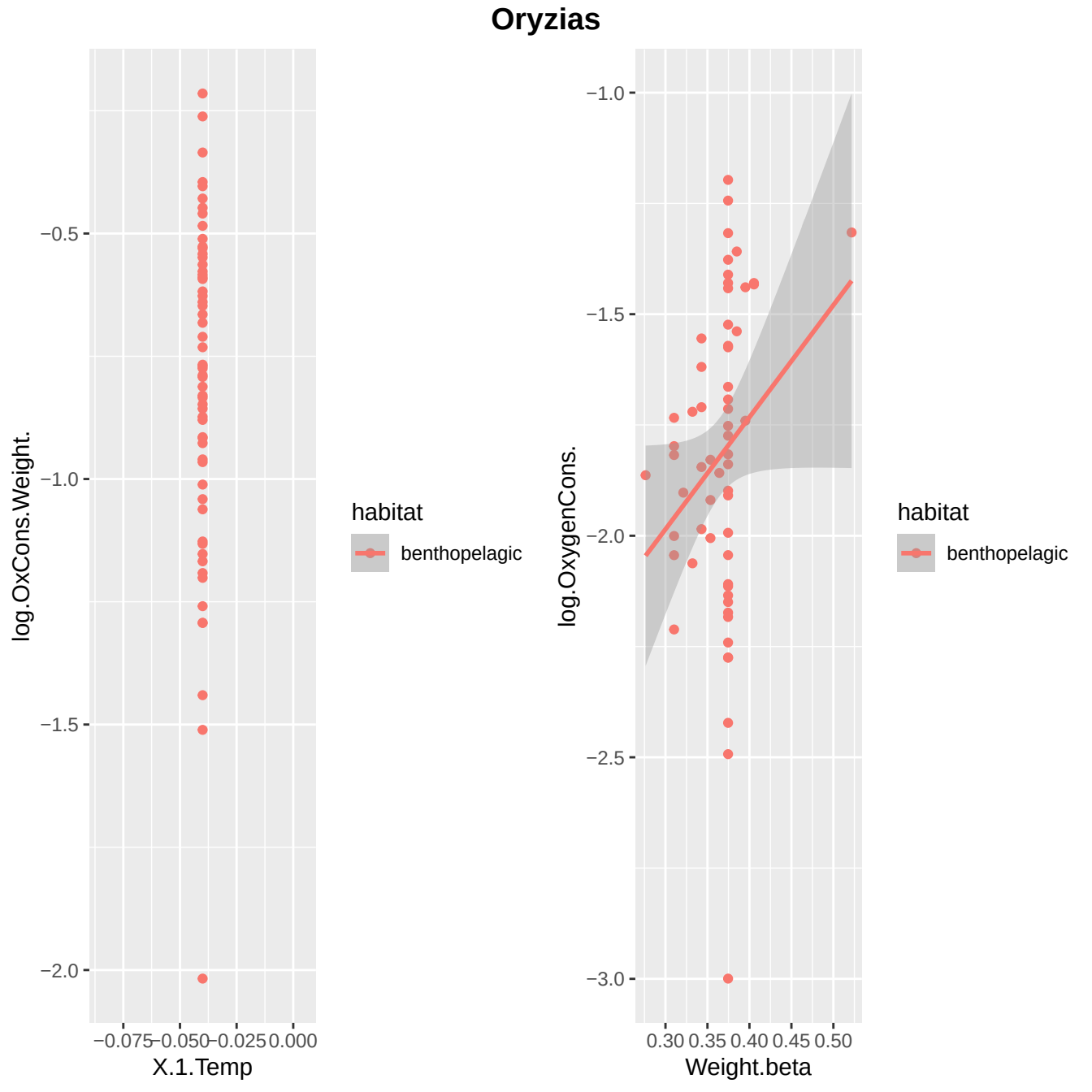

Oncorhynchus
log.OxCons.Weight.
0
−1
−2
−3
−0.25
−0.20
−0.15
−0.10
−0.05
X.1.Temp
habitat
benthopelagic
demersal
pelagic
log.OxygenCons.
10
5
0
−5
0
100
200
300
Weight.beta
habitat
benthopelagic
demersal
pelagic

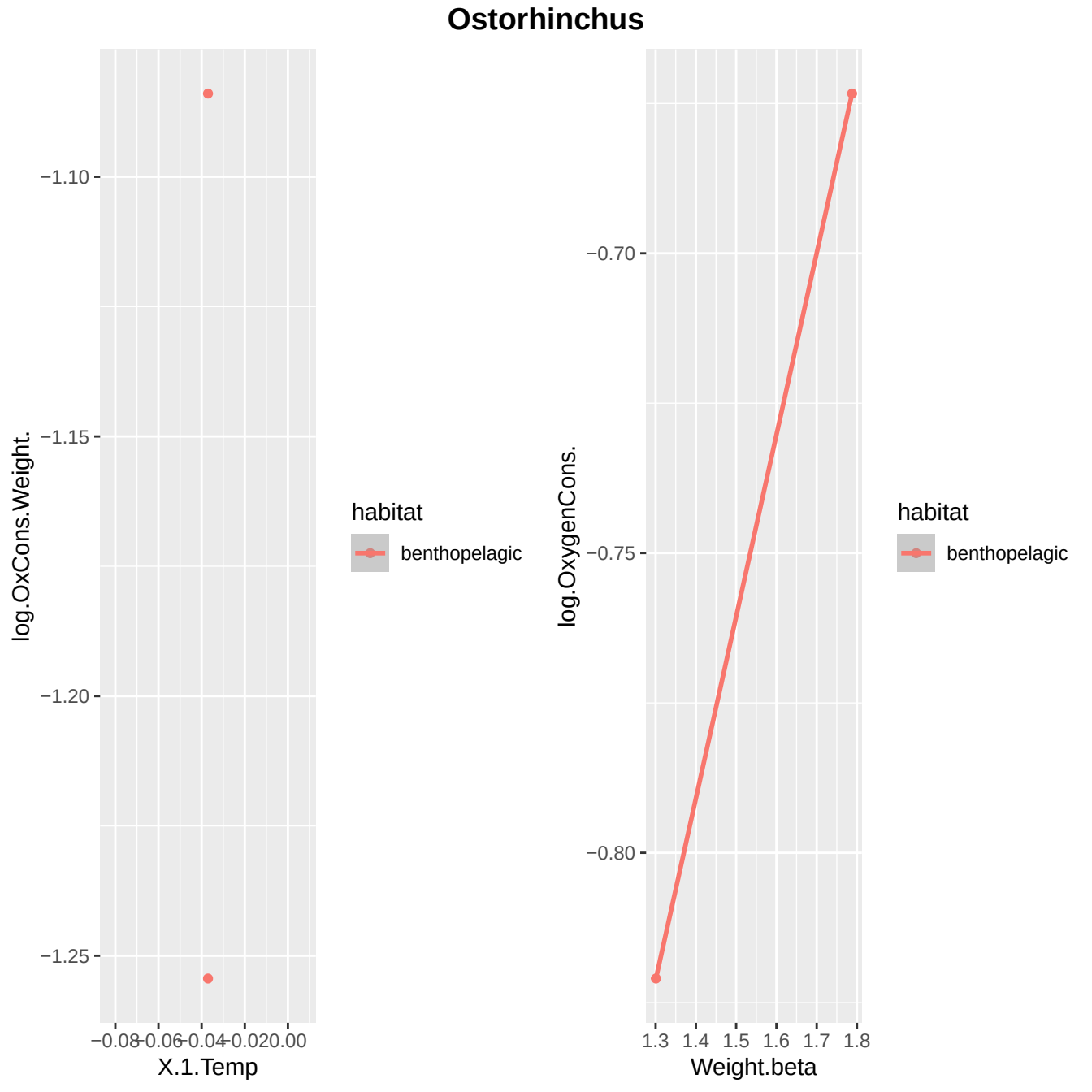

Oneirodes
−4.08
−4.12
−4.16
−4.20
log.OxCons.Weight.
−0.250
−0.225
−0.200
−0.175
X.1.Temp
habitat
pelagic
−1
−2
−3
log.OxygenCons.
5
10
15
20
Weight.beta
habitat
pelagic

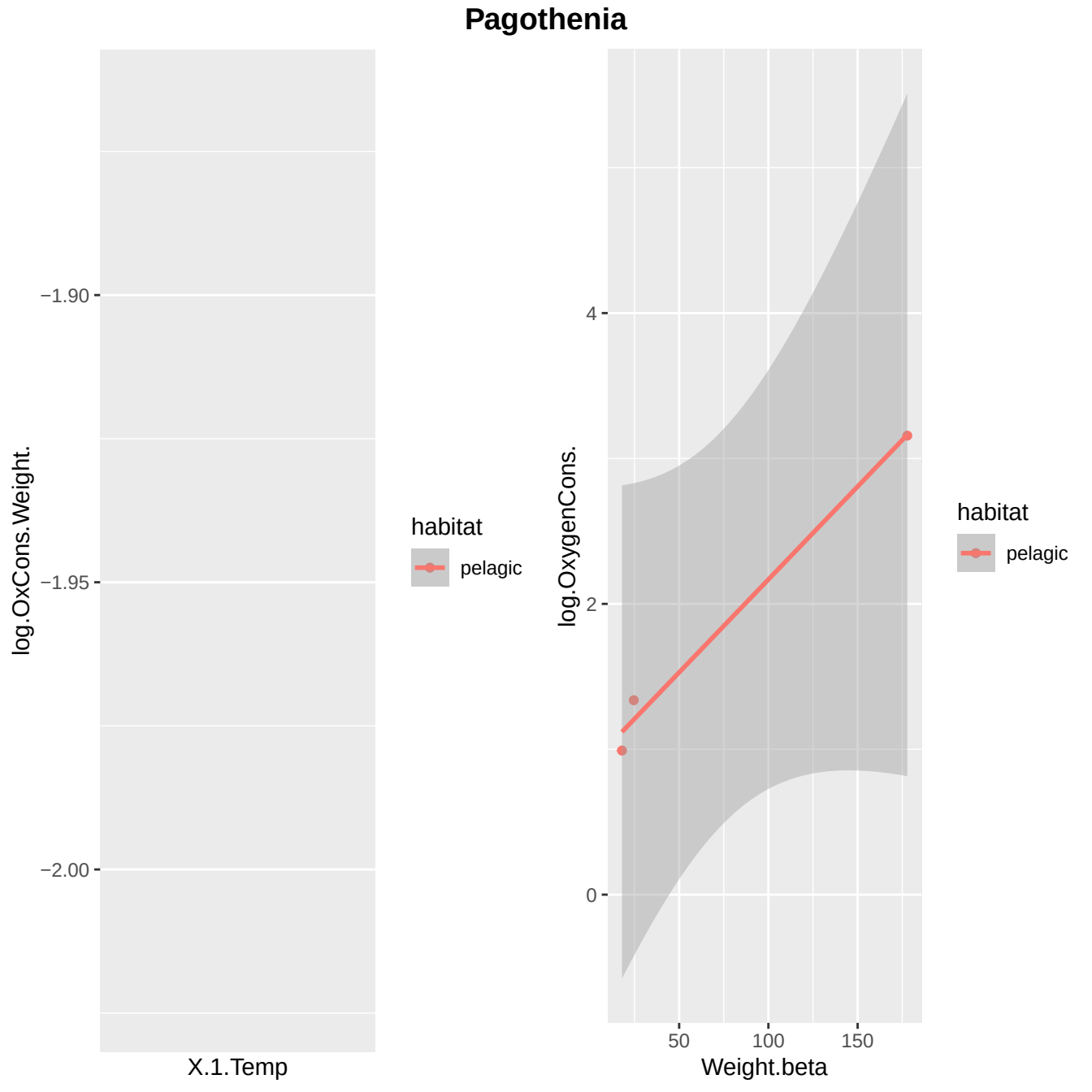

Ophiodon
−1.00
−1.25
−1.50
−1.75
log.OxCons.Weight.
−0.100
0.095
0.090
0.085
0.080
0.075
X.1.Temp
habitat
demersal
6
5
4
3
log.OxygenCons.
250
500
750
1000
Weight.beta
habitat
demersal

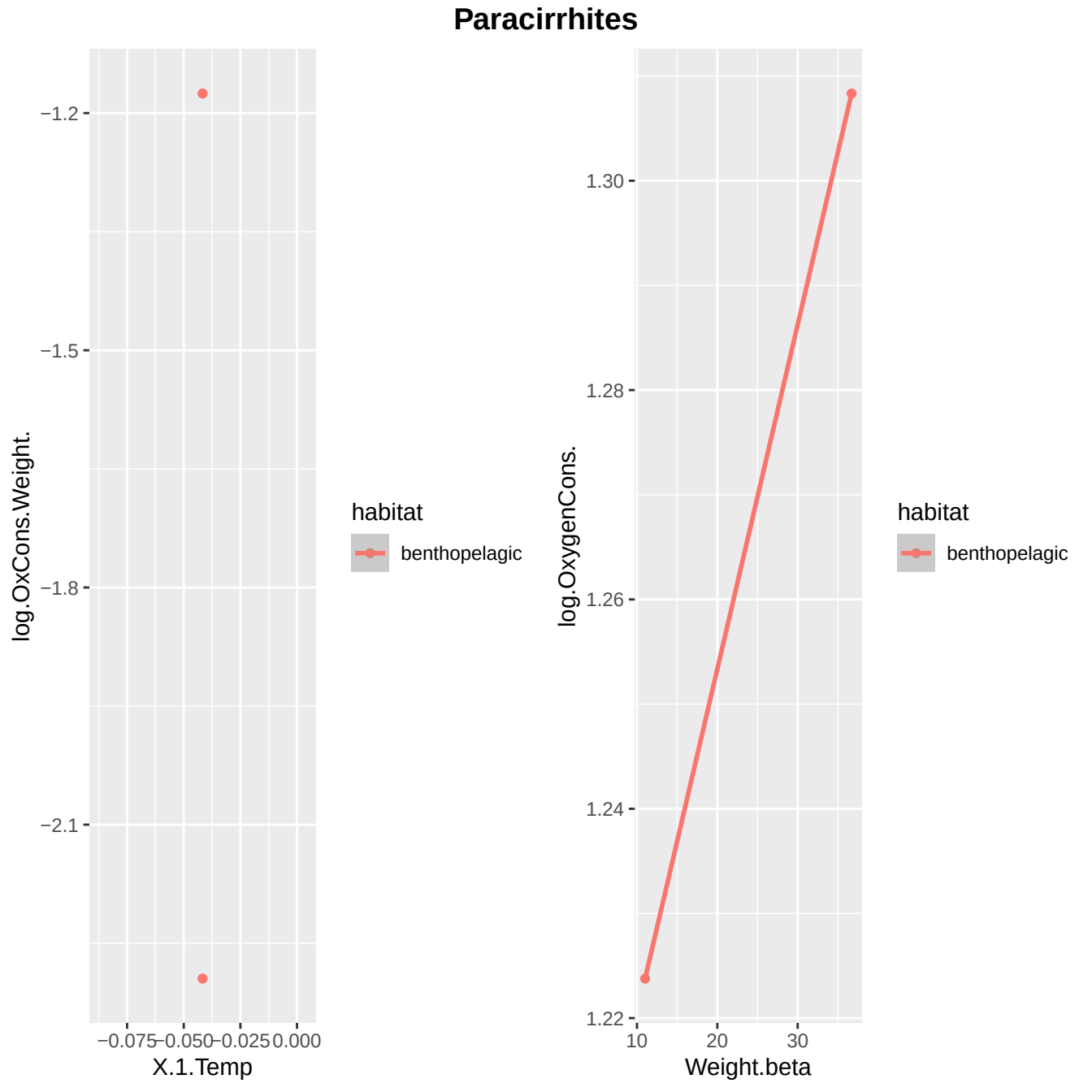

Oreochromis
log.OxCons.Weight.
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−0.06
−0.05
−0.04
−0.03
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
10
5
0
−5
0
50
100
150
Weight.beta
habitat
benthopelagic

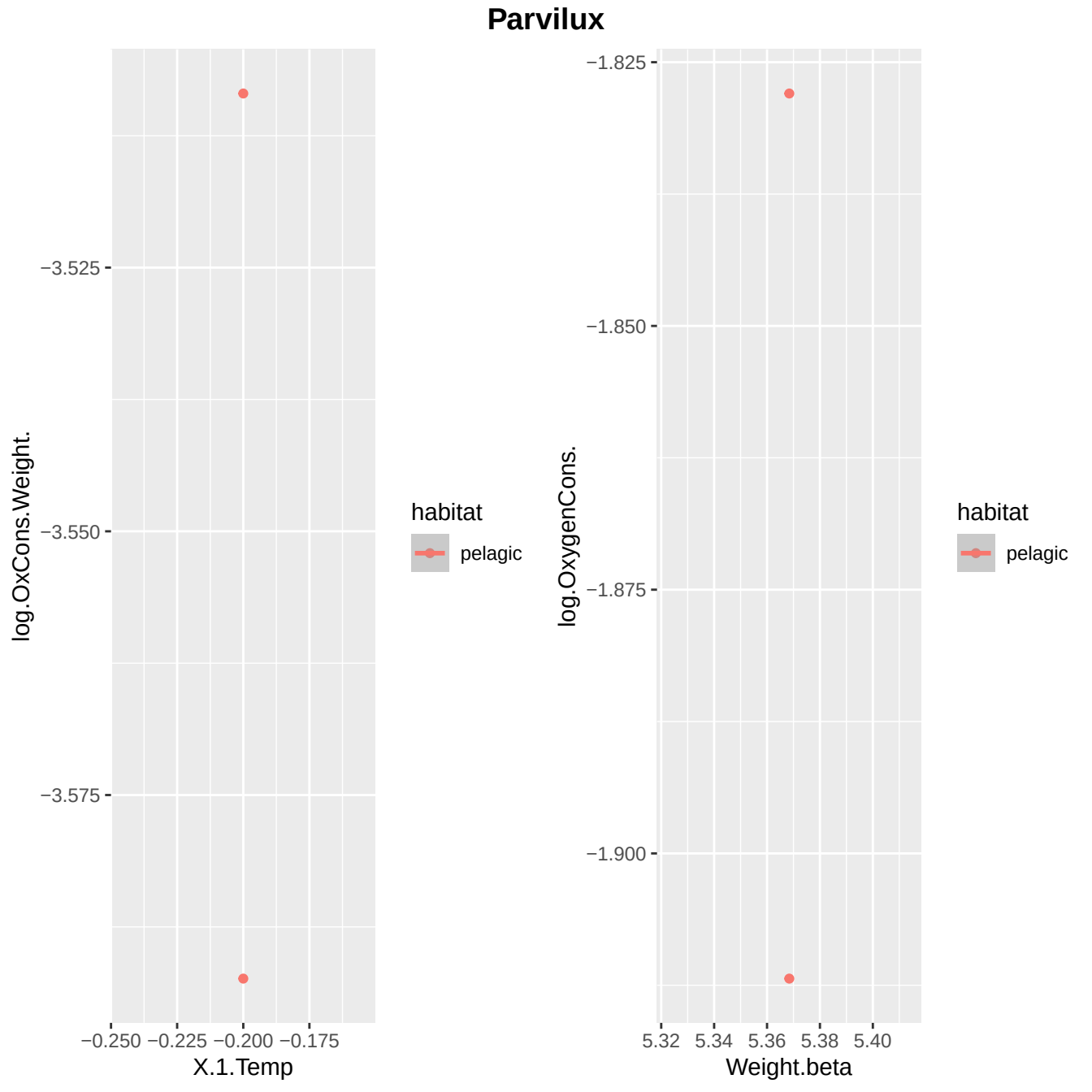

Orthodon
0.0
−0.5
−1.0
−1.5
−2.0
log.OxCons.Weight.
−0.10
−0.08
−0.06
−0.04
X.1.Temp
habitat
benthopelagic
5.0
4.5
4.0
3.5
3.0
log.OxygenCons.
115
120
125
130
Weight.beta
habitat
benthopelagic

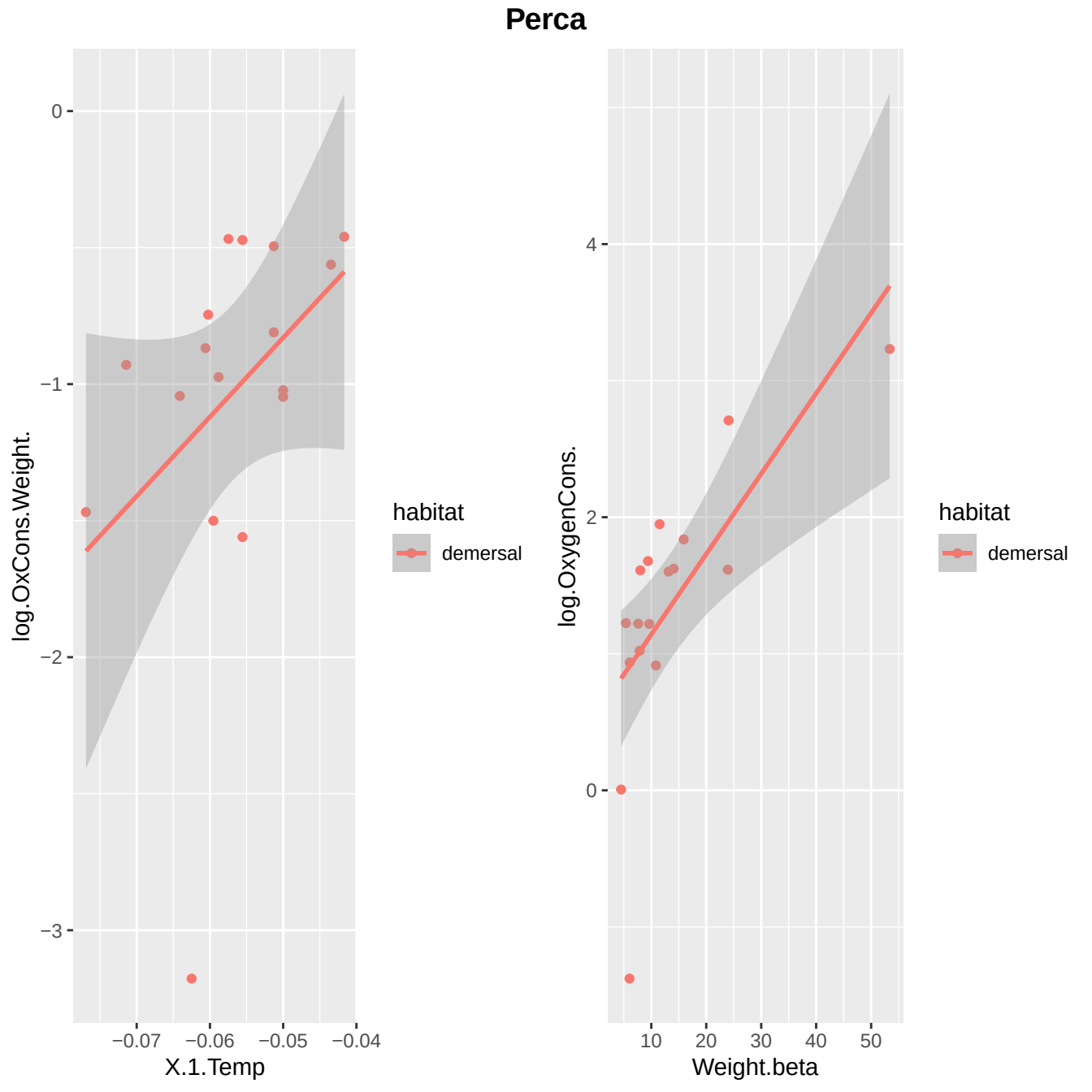

Oryzias
log.OxCons.Weight.
−0.5
−1.0
−1.5
−2.0
−0.075
−0.050
−0.025
0.000
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
−1.0
−1.5
−2.0
−2.5
−3.0
0.30
0.35
0.40
0.45
0.50
Weight.beta
habitat
benthopelagic

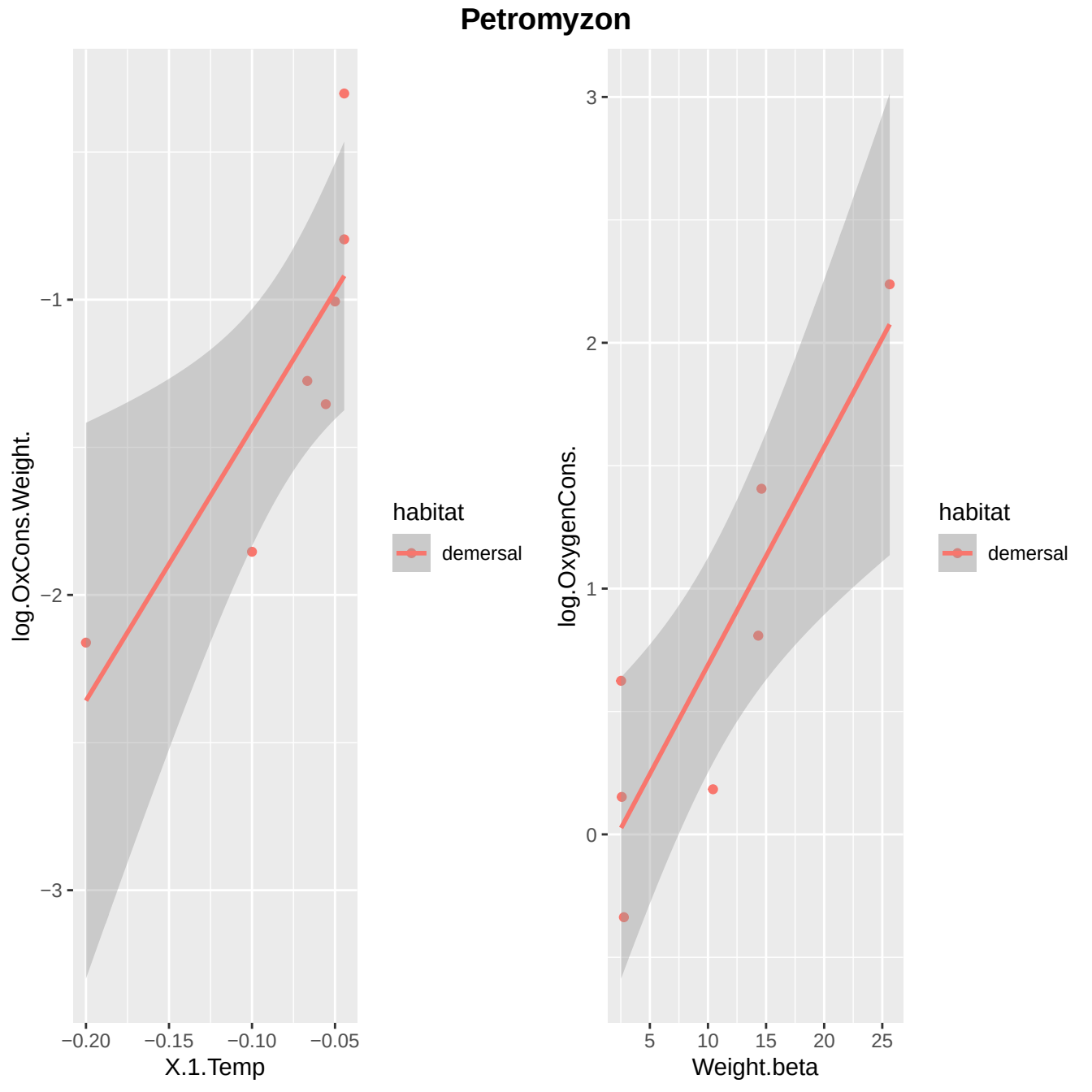

Ostorhinchus
log.OxCons.Weight.
−1.10
−1.15
−1.20
−1.25
−0.08
−0.06
−0.04
−0.02
0.00
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
−0.70
−0.75
−0.80
1.3
1.4
1.5
1.6
1.7
1.8
Weight.beta
habitat
benthopelagic


Pagothenia
log.OxCons.Weight.
−1.90
−1.95
−2.00
X.1.Temp
habitat
pelagic
log.OxygenCons.
4
2
0
50
100
150
Weight.beta
habitat
pelagic

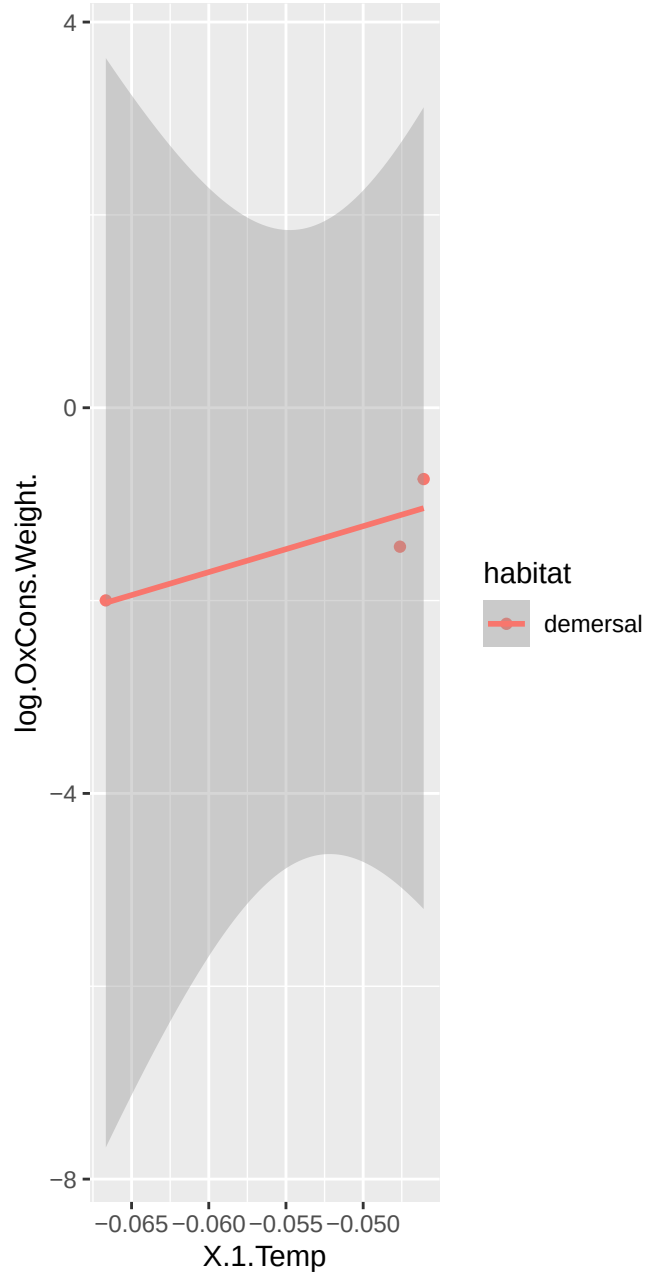

Paracirrhites
log.OxCons.Weight.
−1.2
−1.5
−1.8
−2.1
−0.075
−0.050
−0.025
0.000
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
1.30
1.28
1.26
1.24
1.22
10
20
30
Weight.beta
habitat
benthopelagic

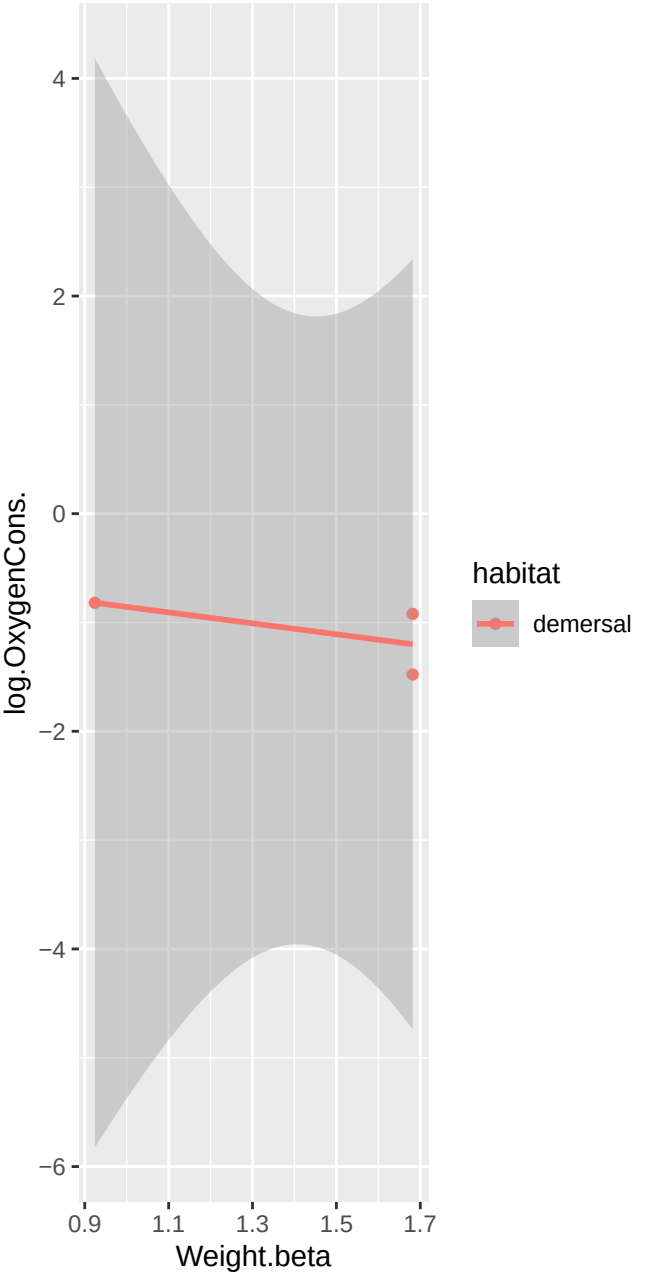

Parvilux
log.OxCons.Weight.
−3.525
−3.550
−3.575
−0.250 −0.225 −0.200 −0.175
X.1.Temp
habitat
pelagic
log.OxygenCons.
−1.825
−1.850
−1.875
−1.900
5.32 5.34 5.36 5.38 5.40
Weight.beta
habitat
pelagic

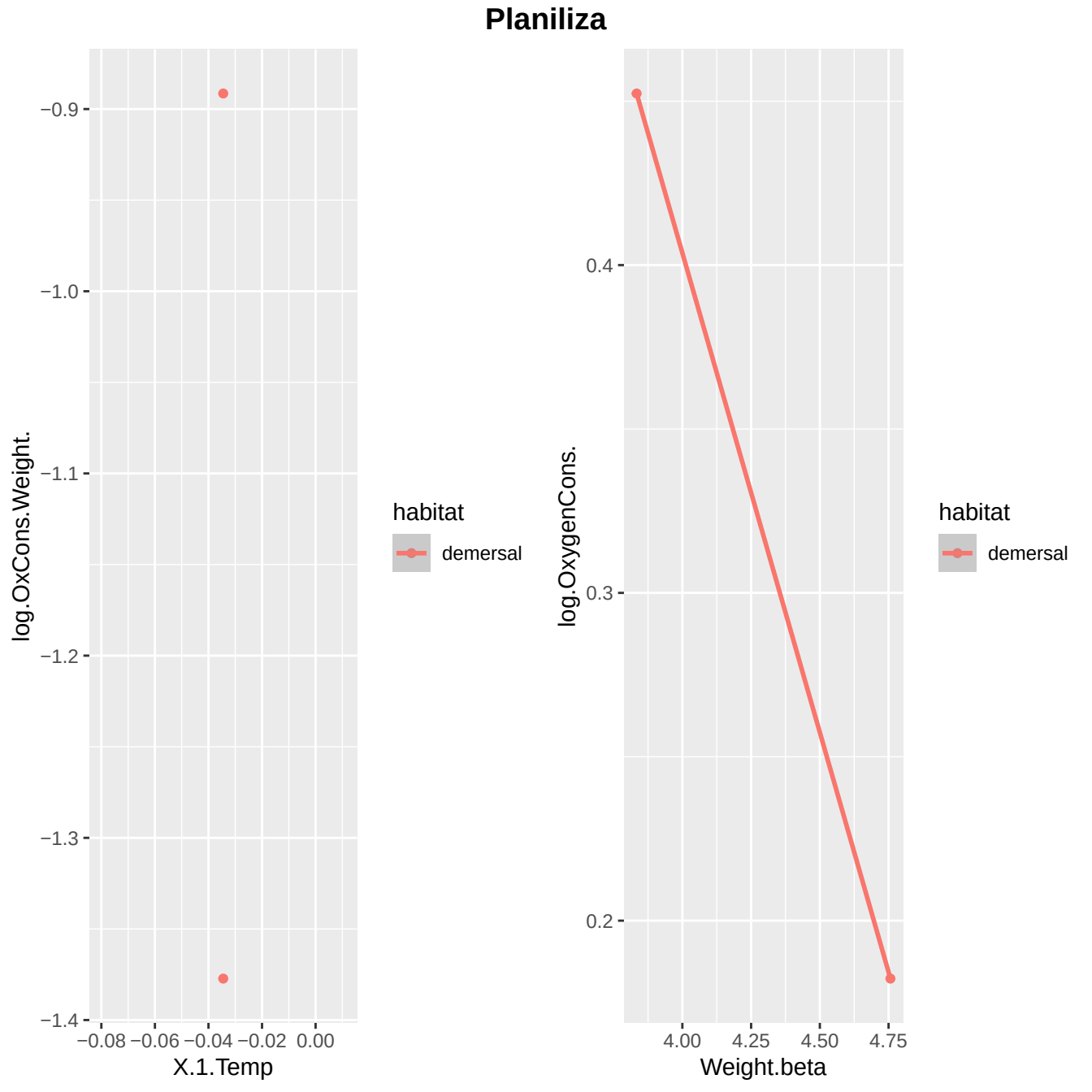

Perca
log.OxCons.Weight.
0
−1
−2
−3
−0.07
−0.06
−0.05
−0.04
X.1.Temp
habitat
demersal
log.OxygenCons.
4
2
0
10
20
30
40
50
Weight.beta
habitat
demersal

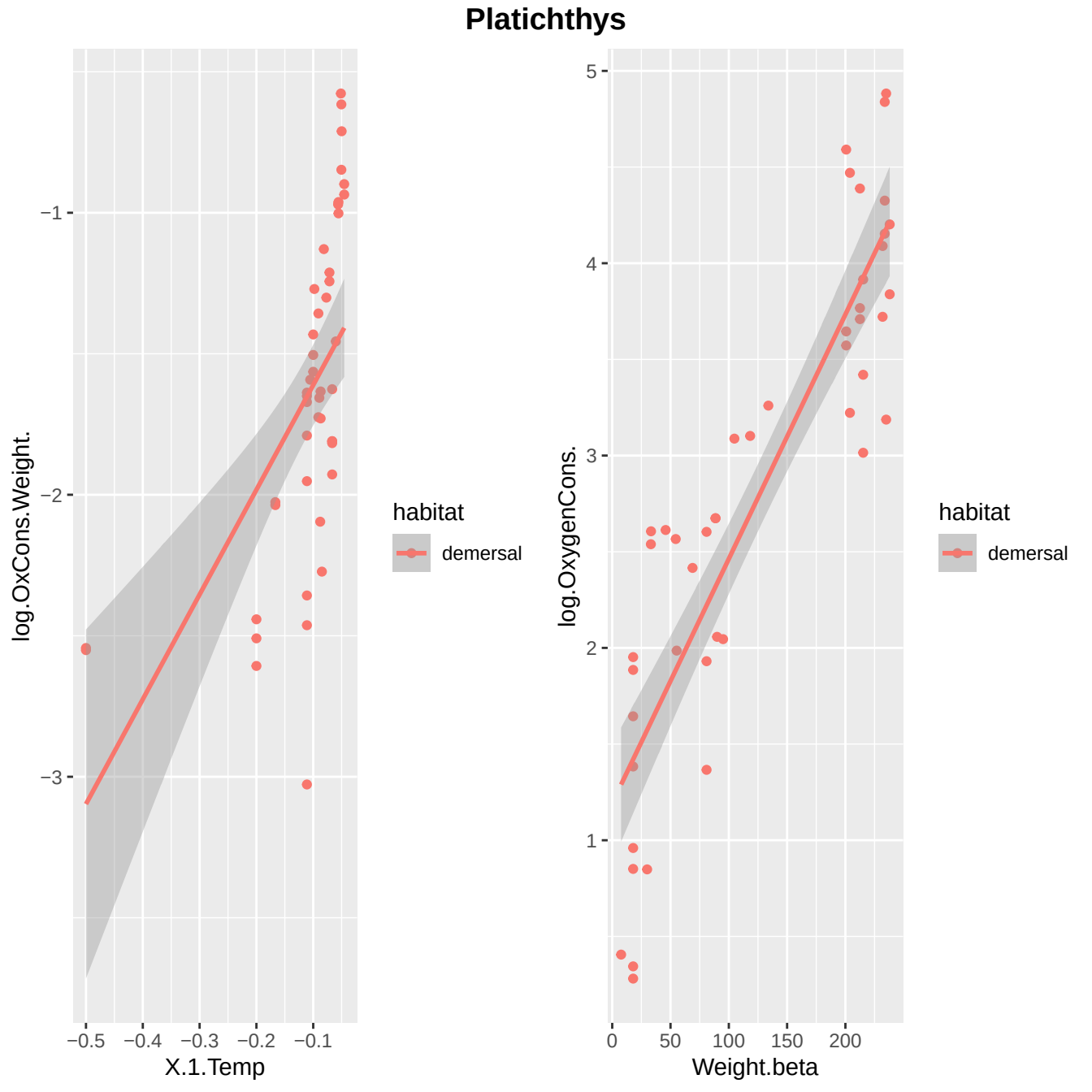

Petromyzon
log.OxCons.Weight.
−1
−2
−3
−0.20
−0.15
−0.10
−0.05
X.1.Temp
habitat
demersal
log.OxygenCons.
3
2
1
0
5
10
15
20
25
Weight.beta
habitat
demersal

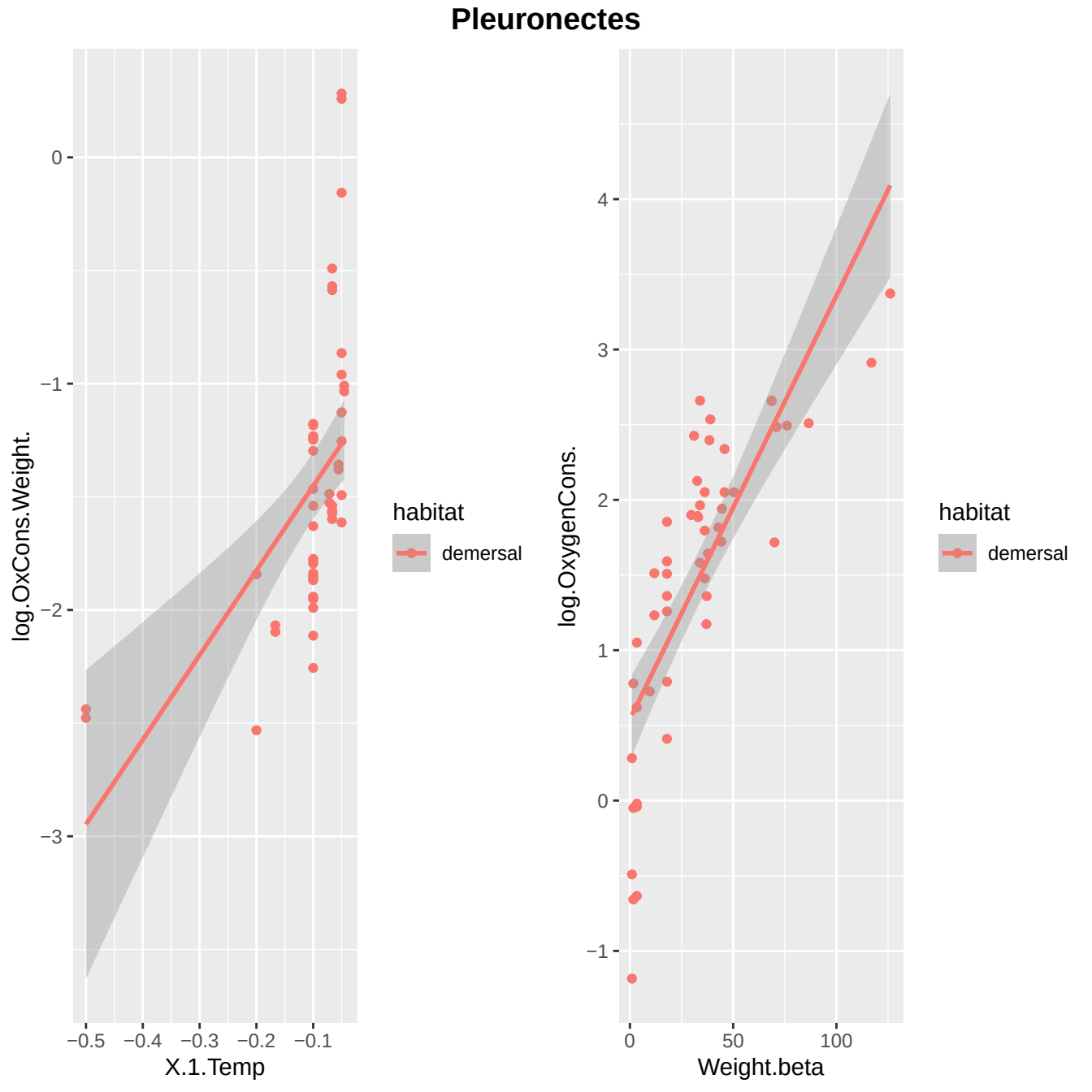
Pimephales

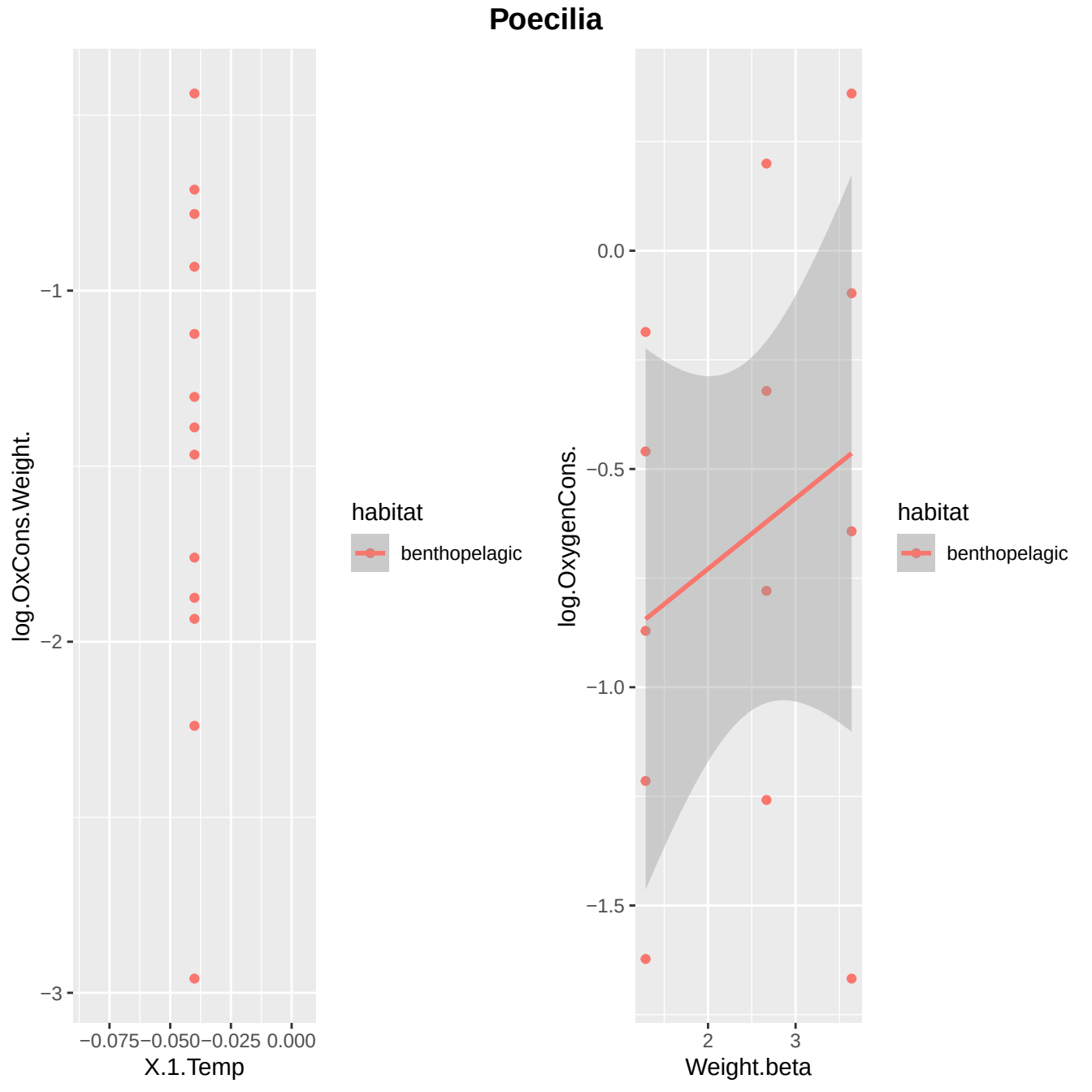

4
0
−4
−8
log.OxCons.Weight.
−0.065
−0.060
−0.055
−0.050
X.1.Temp
habitat
demersal

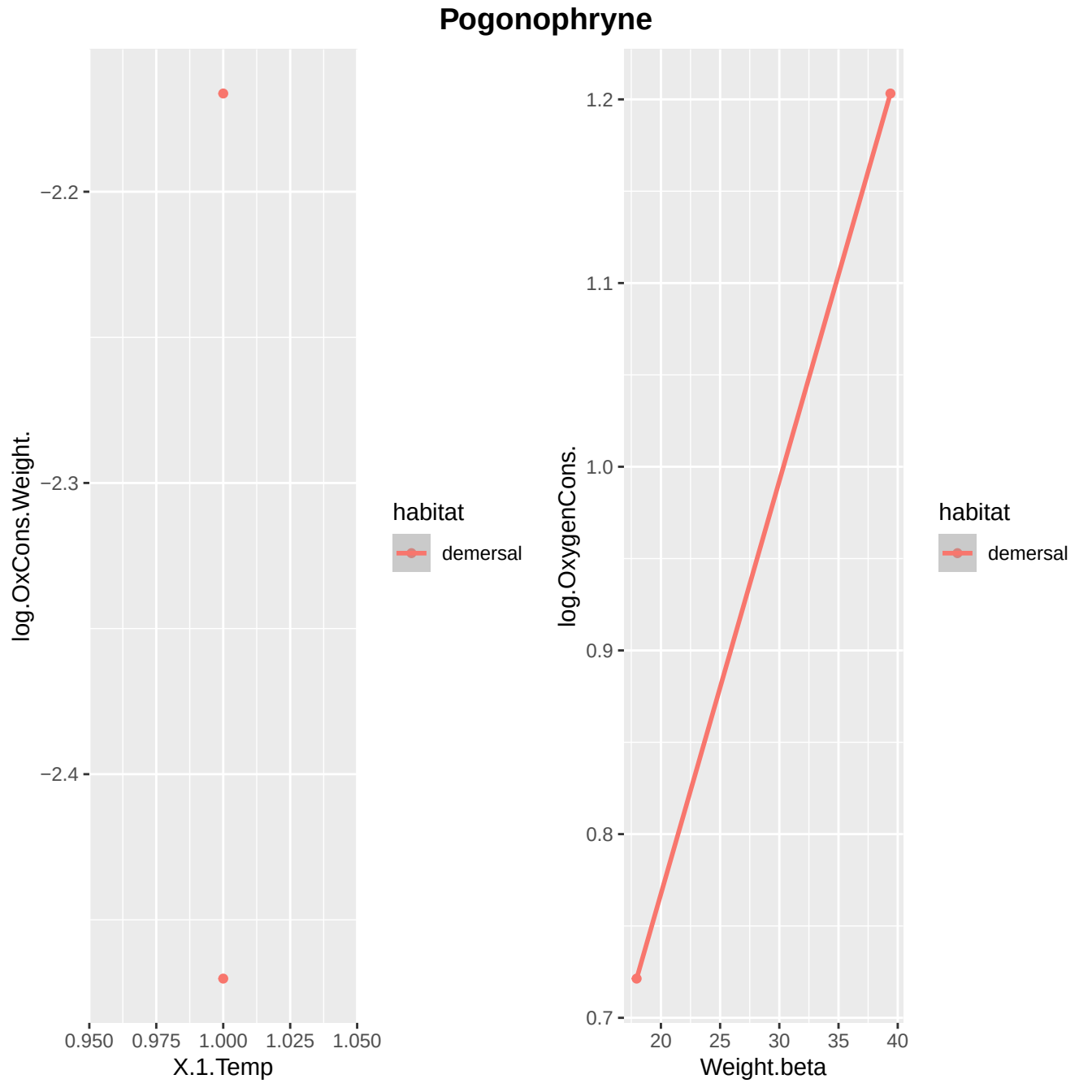

4
2
0
−2
−4
−6
log.OxygenCons.
0.9
1.1
1.3
1.5
1.7
Weight.beta
habitat
demersal

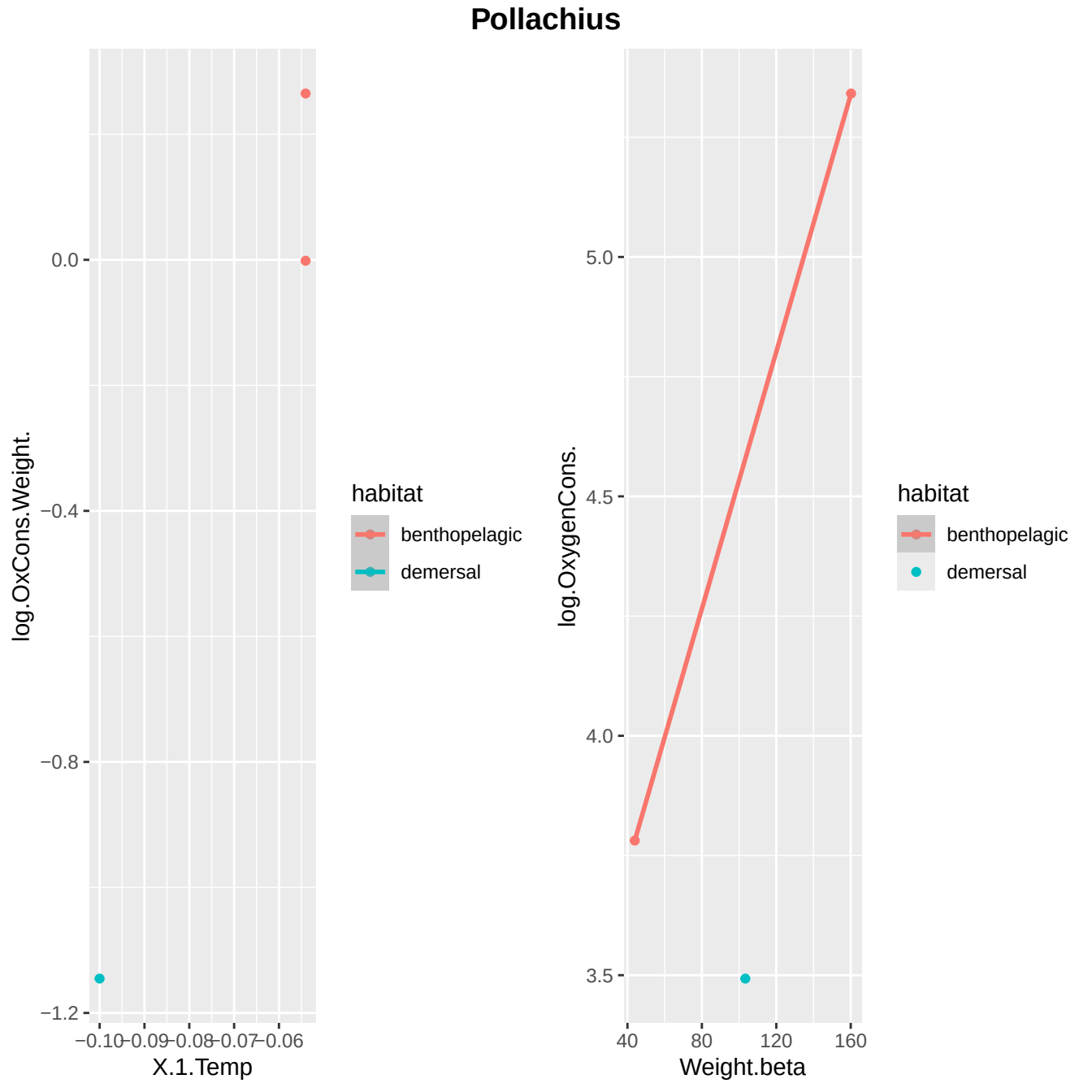

Planiliza
log.OxCons.Weight.
−0.9
−1.0
−1.1
−1.2
−1.3
−1.4
−0.08
−0.06
−0.04
−0.02
0.00
X.1.Temp
habitat
demersal
log.OxygenCons.
0.4
0.3
0.2
4.00
4.25
4.50
4.75
Weight.beta
habitat
demersal

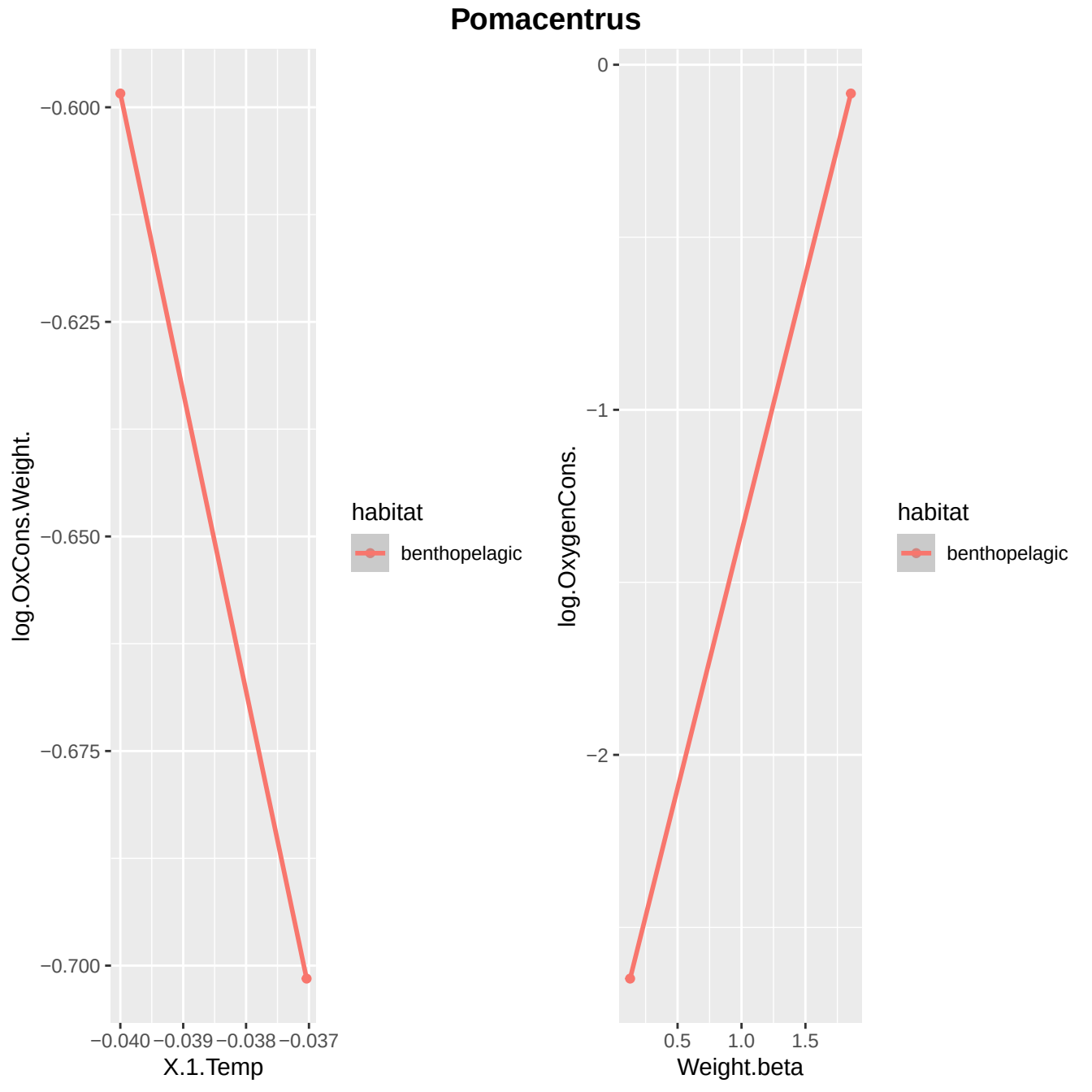

Platichthys
log.OxCons.Weight.
−1
−2
−3
−0.5
−0.4
−0.3
−0.2
−0.1
X.1.Temp
habitat
demersal
log.OxygenCons.
5
4
3
2
1
0
50
100
150
200
Weight.beta
habitat
demersal

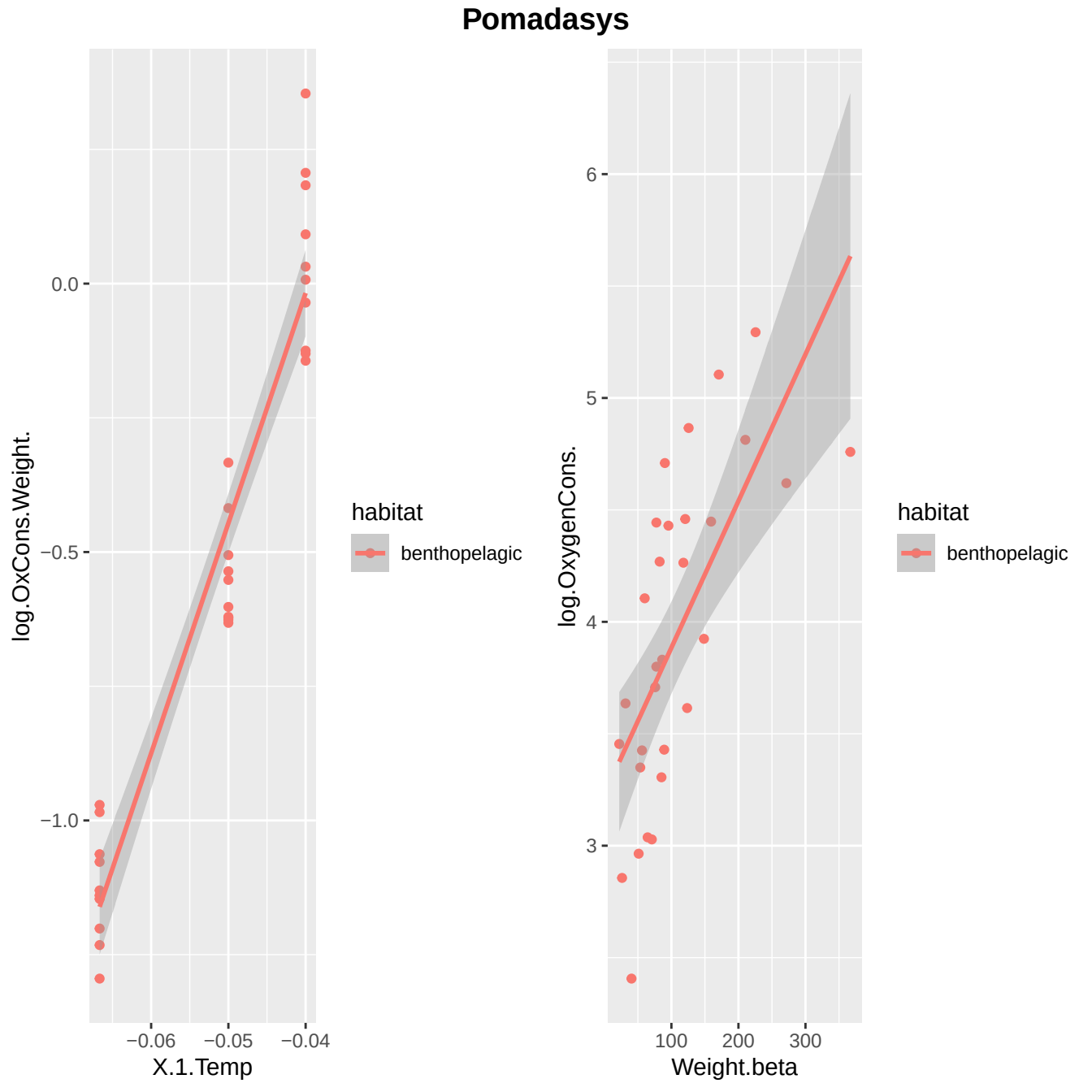

Pleuronectes
log.OxCons.Weight.
0
−1
−2
−3
−0.5
−0.4
−0.3
−0.2
−0.1
X.1.Temp
habitat
demersal
log.OxygenCons.
4
3
2
1
0
−1
0
50
100
Weight.beta
habitat
demersal

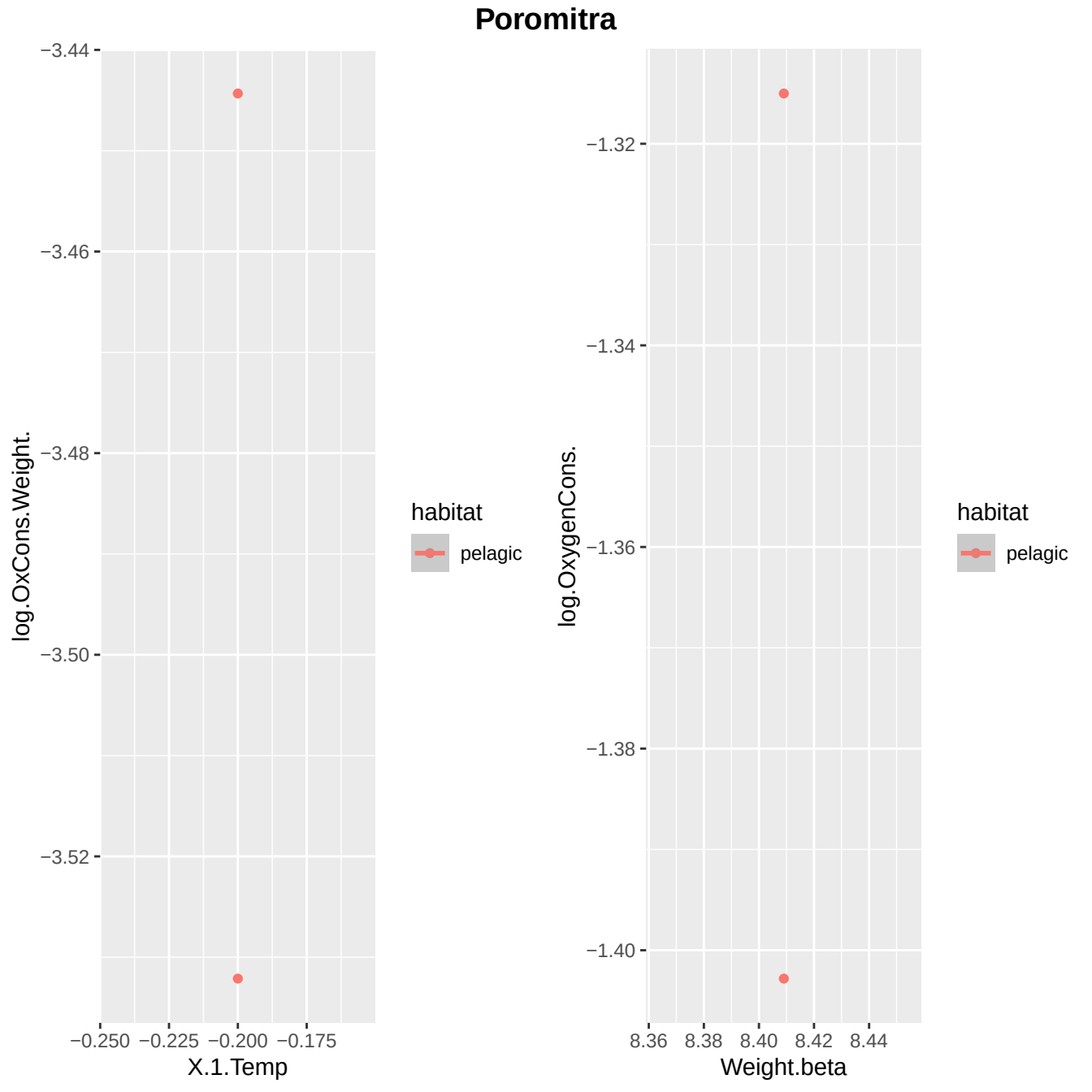

Poecilia
log.OxCons.Weight.
−1
−2
−3
−0.075
−0.050
−0.025
0.000
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
0.0
−0.5
−1.0
−1.5
2
3
Weight.beta
habitat
benthopelagic

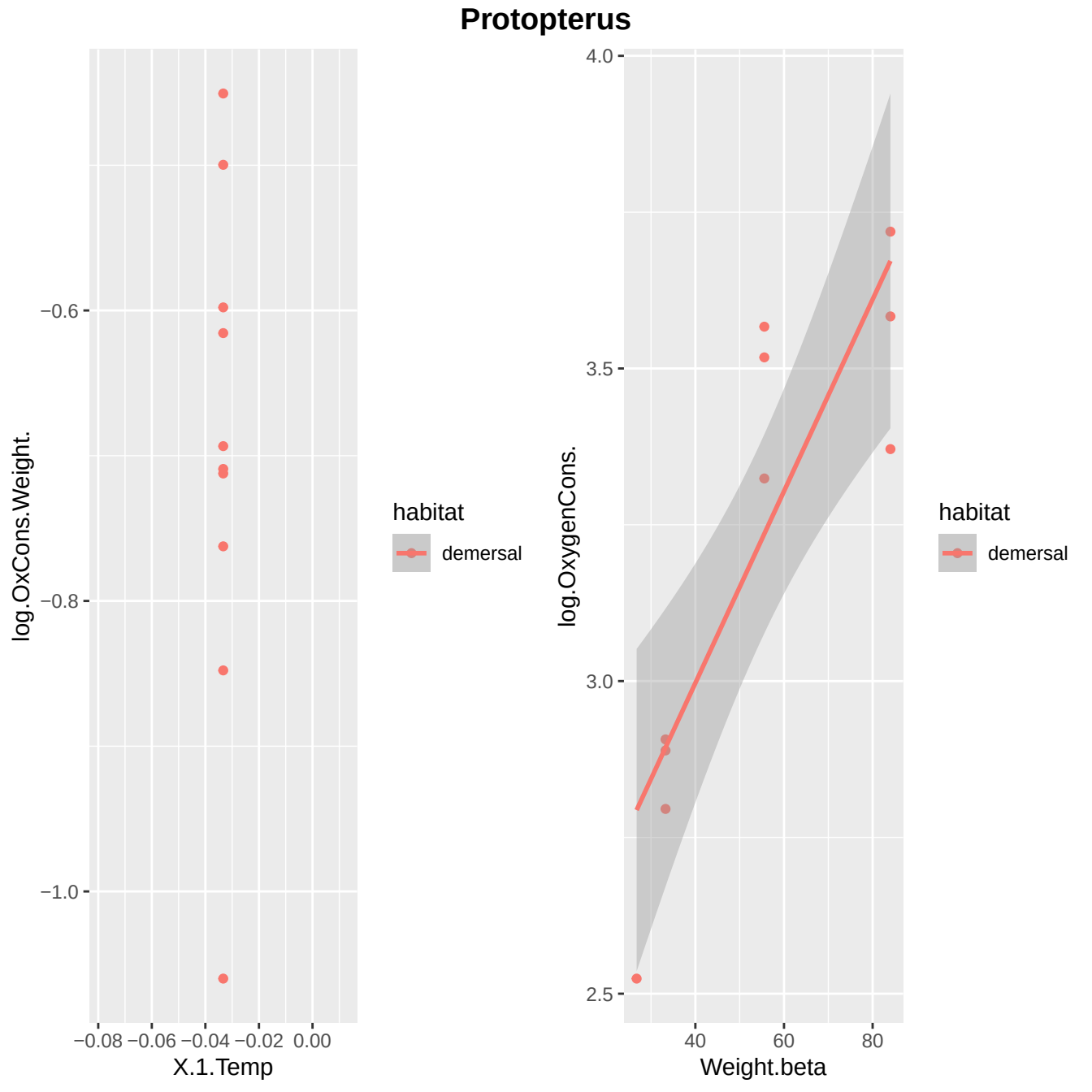

Pogonophryne
log.OxCons.Weight.
−2.2
−2.3
−2.4
0.950
0.975
1.000
1.025
1.050
X.1.Temp
habitat
demersal
log.OxygenCons.
1.2
1.1
1.0
0.9
0.8
0.7
20
25
30
35
40
Weight.beta
habitat
demersal

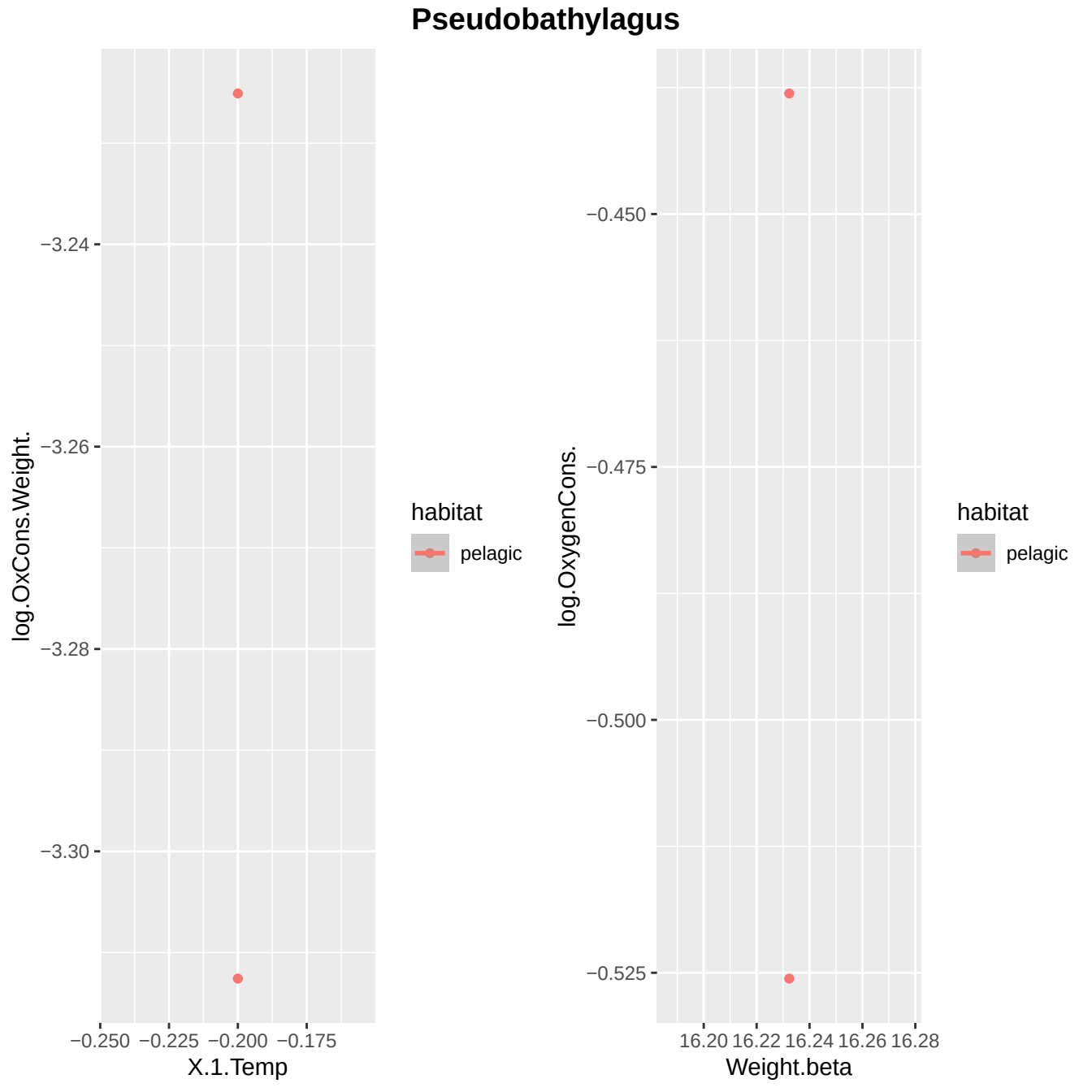

Pollachius
log.OxCons.Weight.
0.0
−0.4
−0.8
−1.2
−0.10
−0.09
−0.08
−0.07
−0.06
X.1.Temp
habitat
benthopelagic
demersal
log.OxygenCons.
5.0
4.5
4.0
3.5
40
80
120
160
Weight.beta
habitat
benthopelagic
demersal

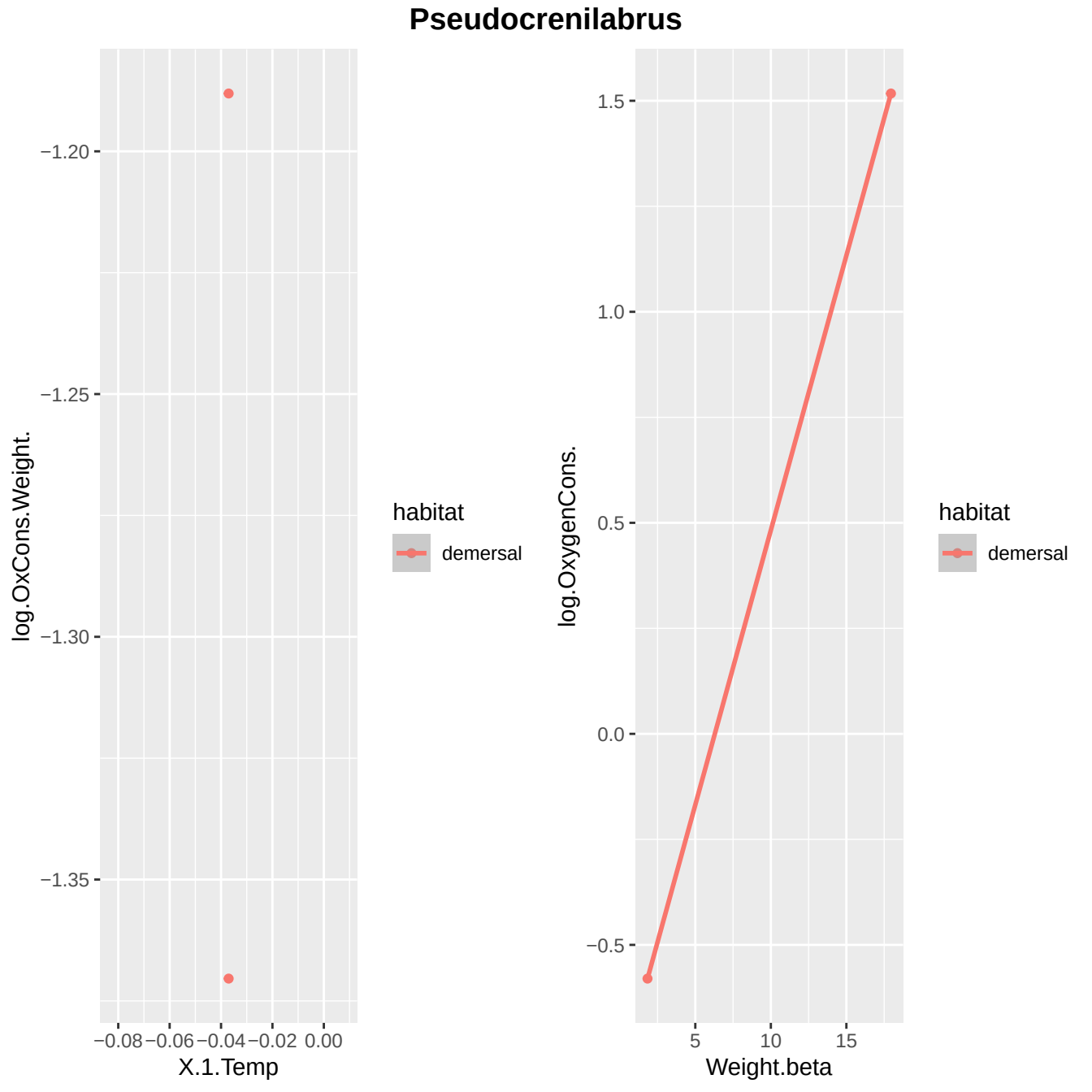

Pomacentrus
log.OxCons.Weight.
−0.600
−0.625
−0.650
−0.675
−0.700
−0.040
−0.039
−0.038
−0.037
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
0
−1
−2
0.5
1.0
1.5
Weight.beta
habitat
benthopelagic

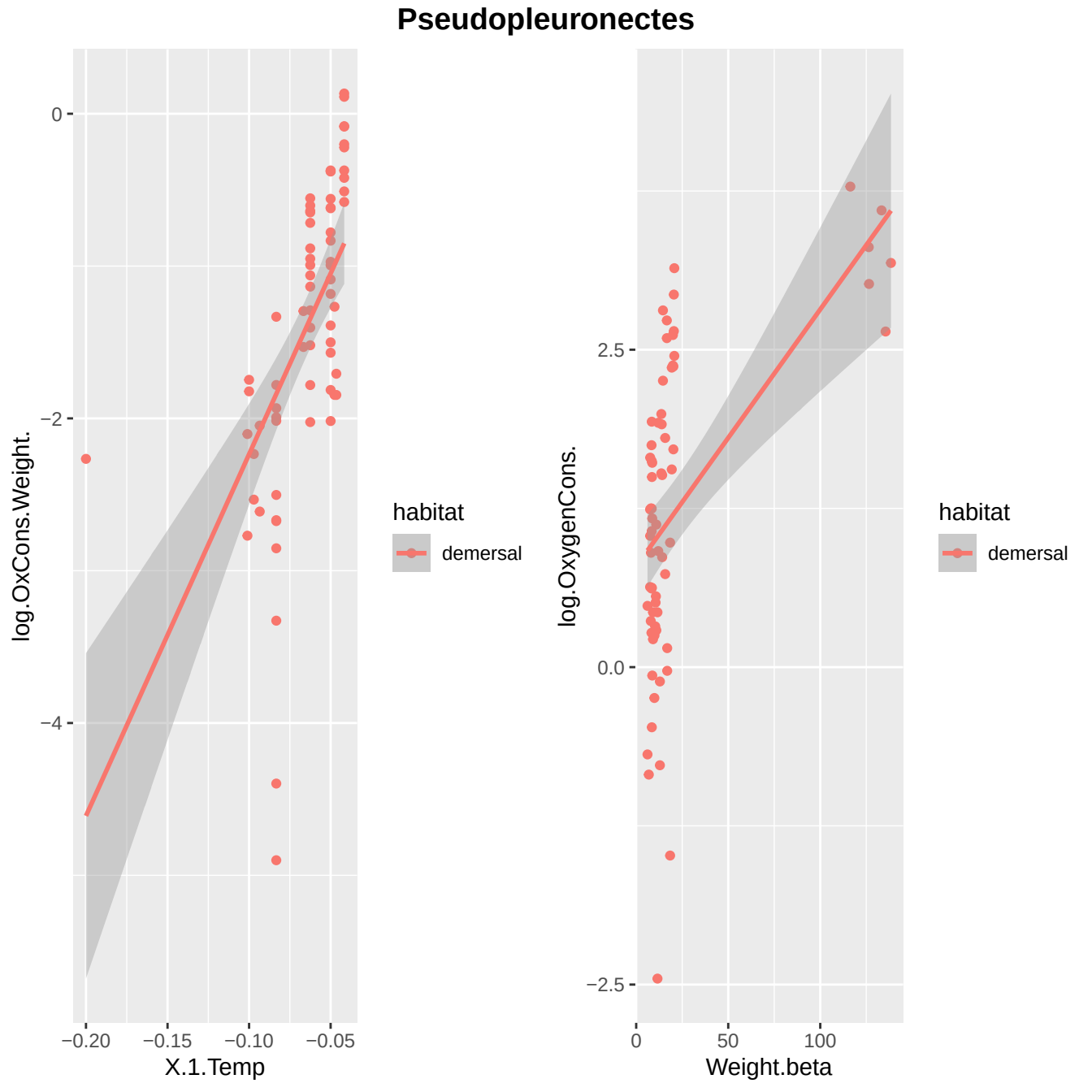

Pomadasys
log.OxCons.Weight.
0.0
−0.5
−1.0
−0.06
−0.05
−0.04
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
6
5
4
3
100
200
300
Weight.beta
habitat
benthopelagic

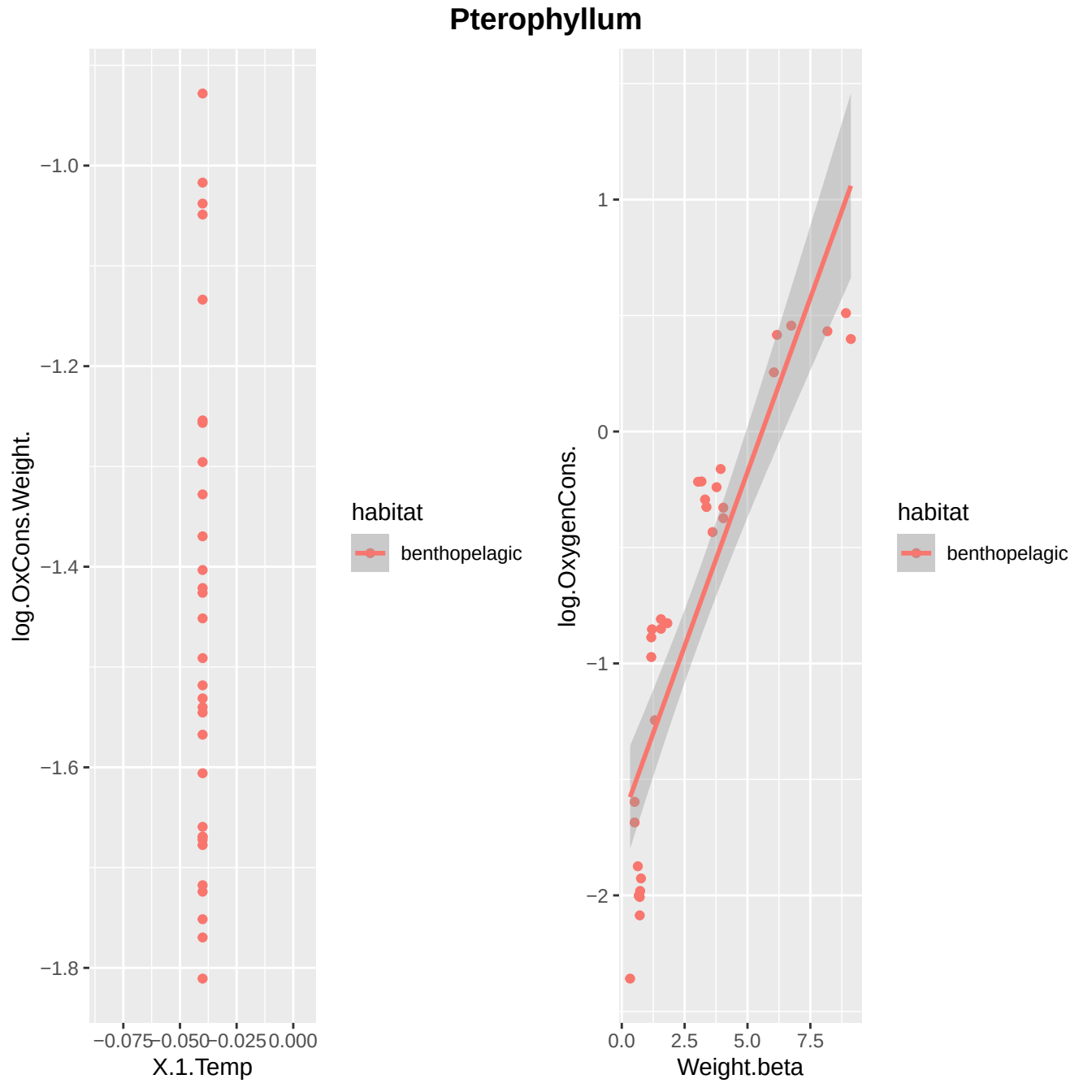

Poromitra
−3.44
−3.46
−3.48
−3.50
−3.52
log.OxCons.Weight.
−0.250
−0.225
−0.200
−0.175
X.1.Temp
habitat
pelagic
−1.32
−1.34
−1.36
−1.38
−1.40
log.OxygenCons.
8.36
8.38
8.40
8.42
8.44
Weight.beta
habitat
pelagic


Protopterus
log.OxCons.Weight.
−0.6
−0.8
−1.0
−0.08 −0.06 −0.04 −0.02 0.00
X.1.Temp
habitat
demersal
log.OxygenCons.
4.0
3.5
3.0
2.5
40
60
80
Weight.beta
habitat
demersal

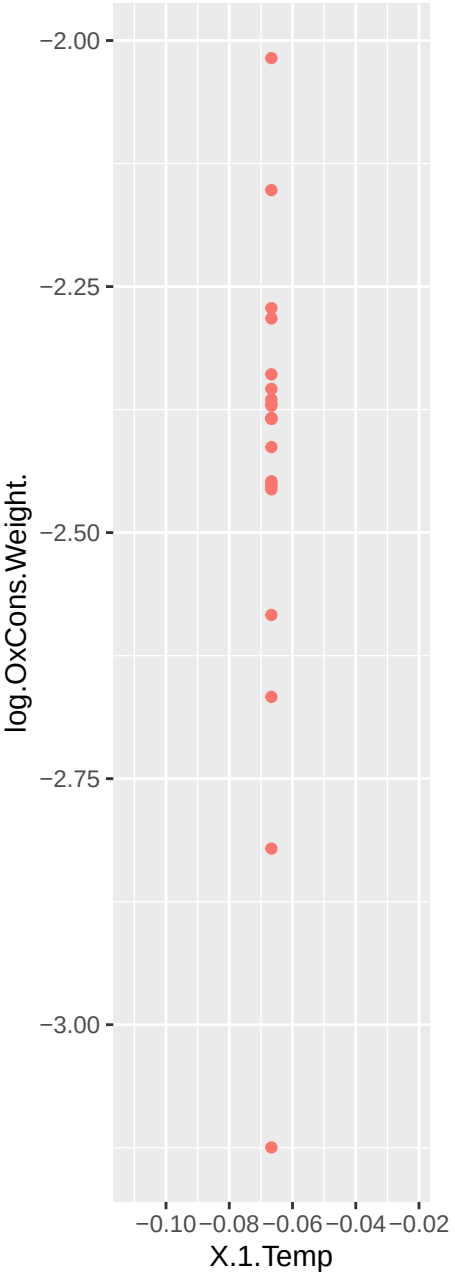

Pseudobathylagus
log.OxCons.Weight.
−3.24
−3.26
−3.28
−3.30
−0.250
−0.225
−0.200
−0.175
X.1.Temp
habitat
pelagic
log.OxygenCons.
−0.450
−0.475
−0.500
−0.525
16.20
16.22
16.24
16.26
16.28
Weight.beta
habitat
pelagic

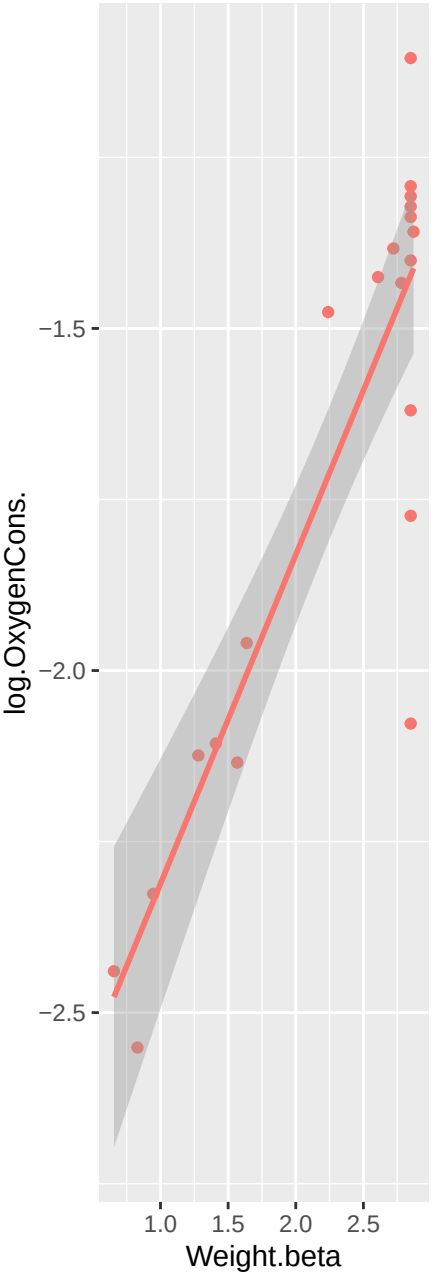

Pseudocrenilabrus
log.OxCons.Weight.
−1.20
−1.25
−1.30
−1.35
−0.08
−0.06
−0.04
−0.02
0.00
X.1.Temp
habitat
demersal
log.OxygenCons.
1.5
1.0
0.5
0.0
−0.5
5
10
15
Weight.beta
habitat
demersal

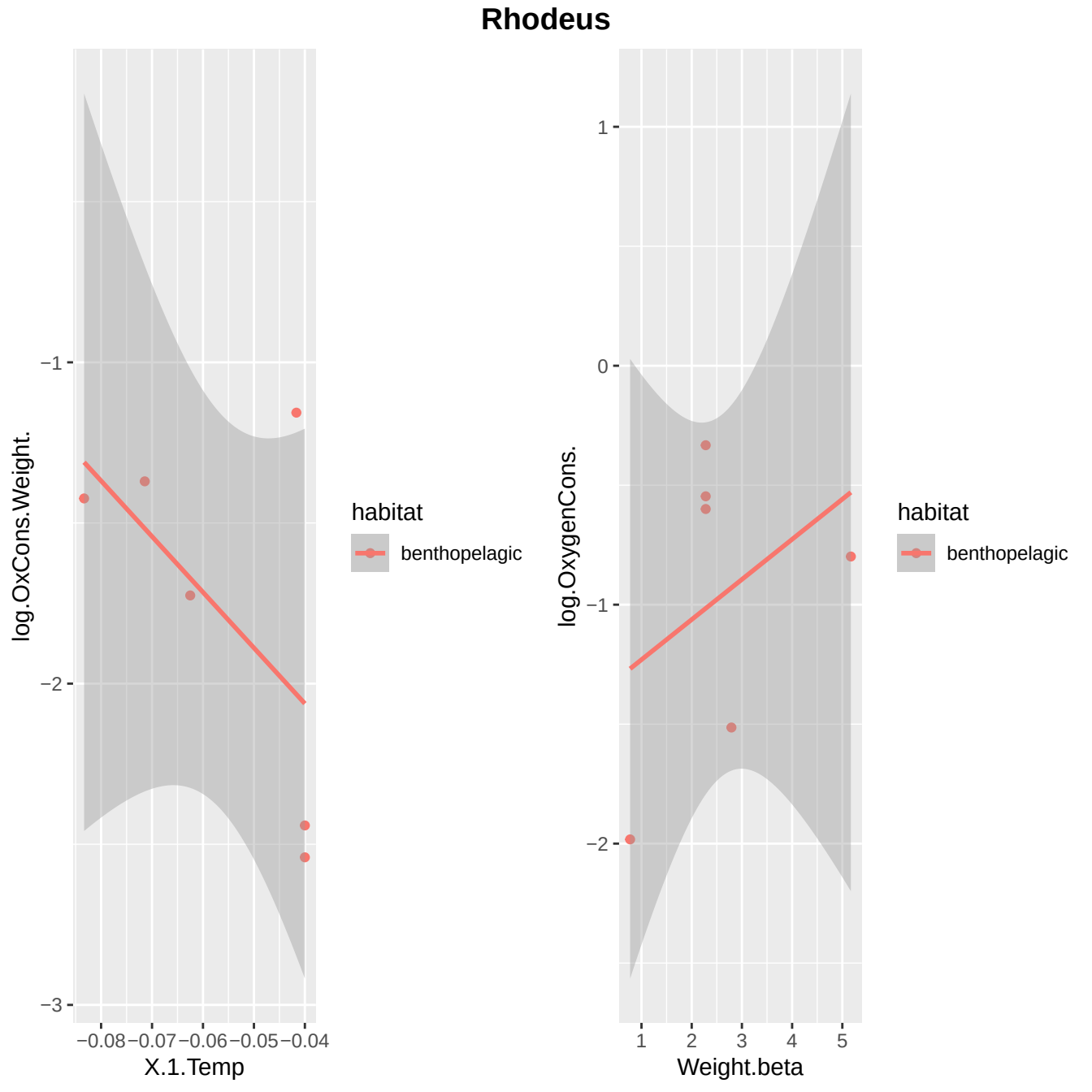

Pseudopleuronectes
log.OxCons.Weight.
0
−2
−4
−0.20
−0.15
−0.10
−0.05
X.1.Temp
habitat
demersal
log.OxygenCons.
2.5
0.0
−2.5
0
50
100
Weight.beta
habitat
demersal


Pterophyllum
log.OxCons.Weight.
−1.0
−1.2
−1.4
−1.6
−1.8
−0.075
−0.050
−0.025
0.000
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
1
0
−1
−2
0.0
2.5
5.0
7.5
Weight.beta
habitat
benthopelagic

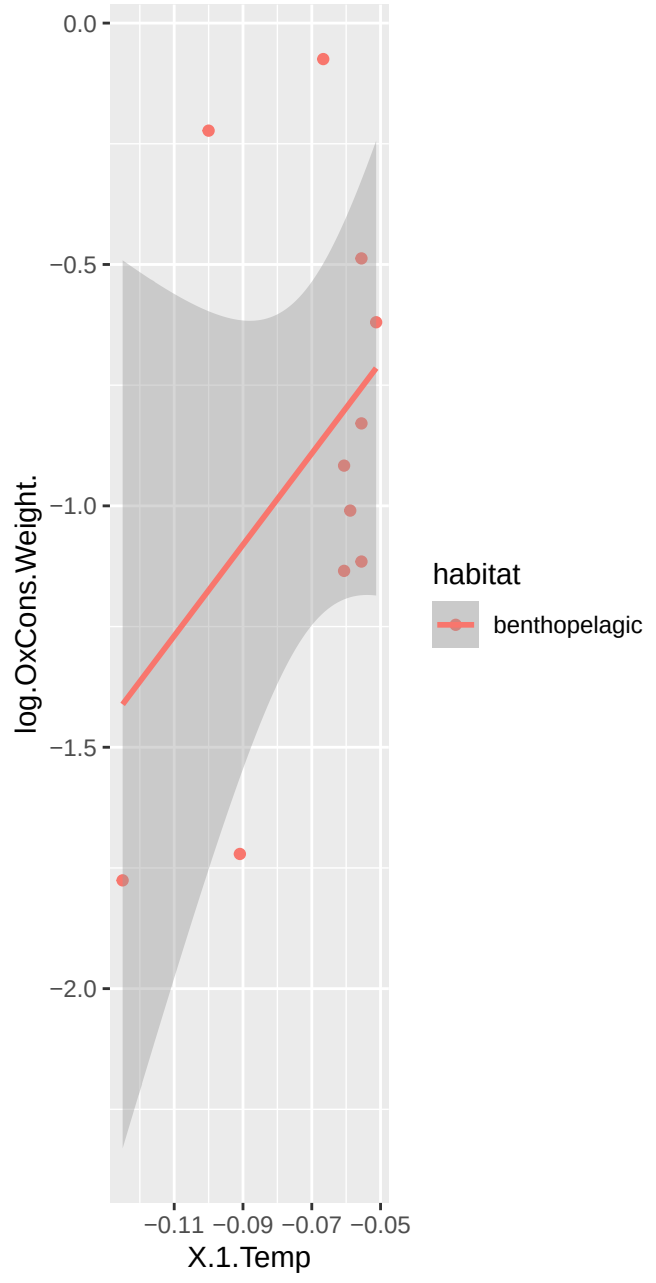
Rhinogobiops

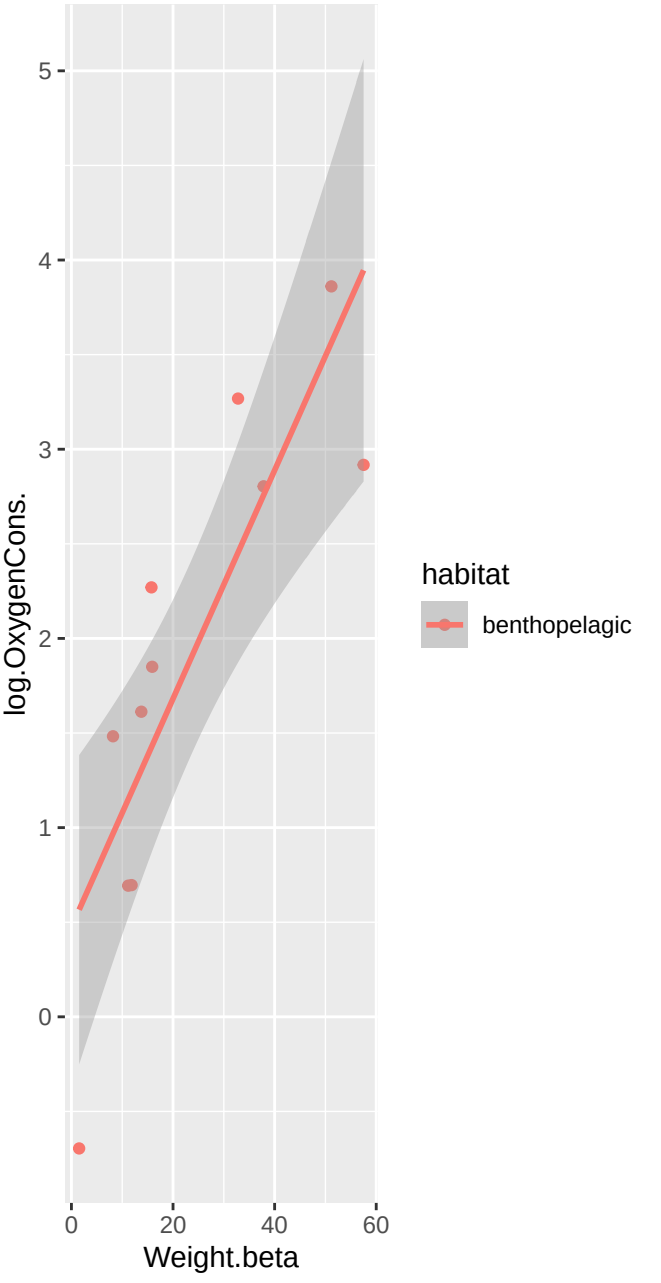


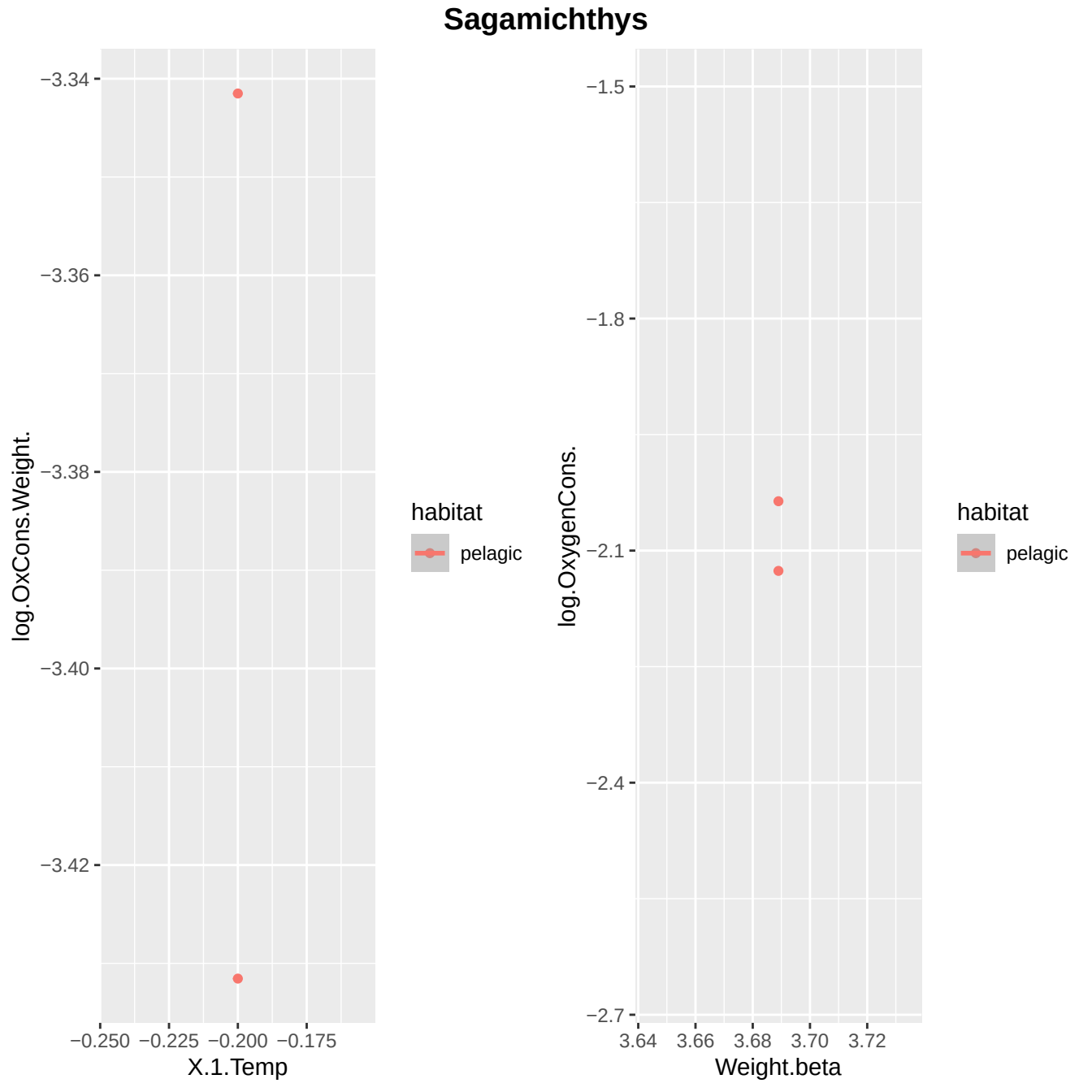


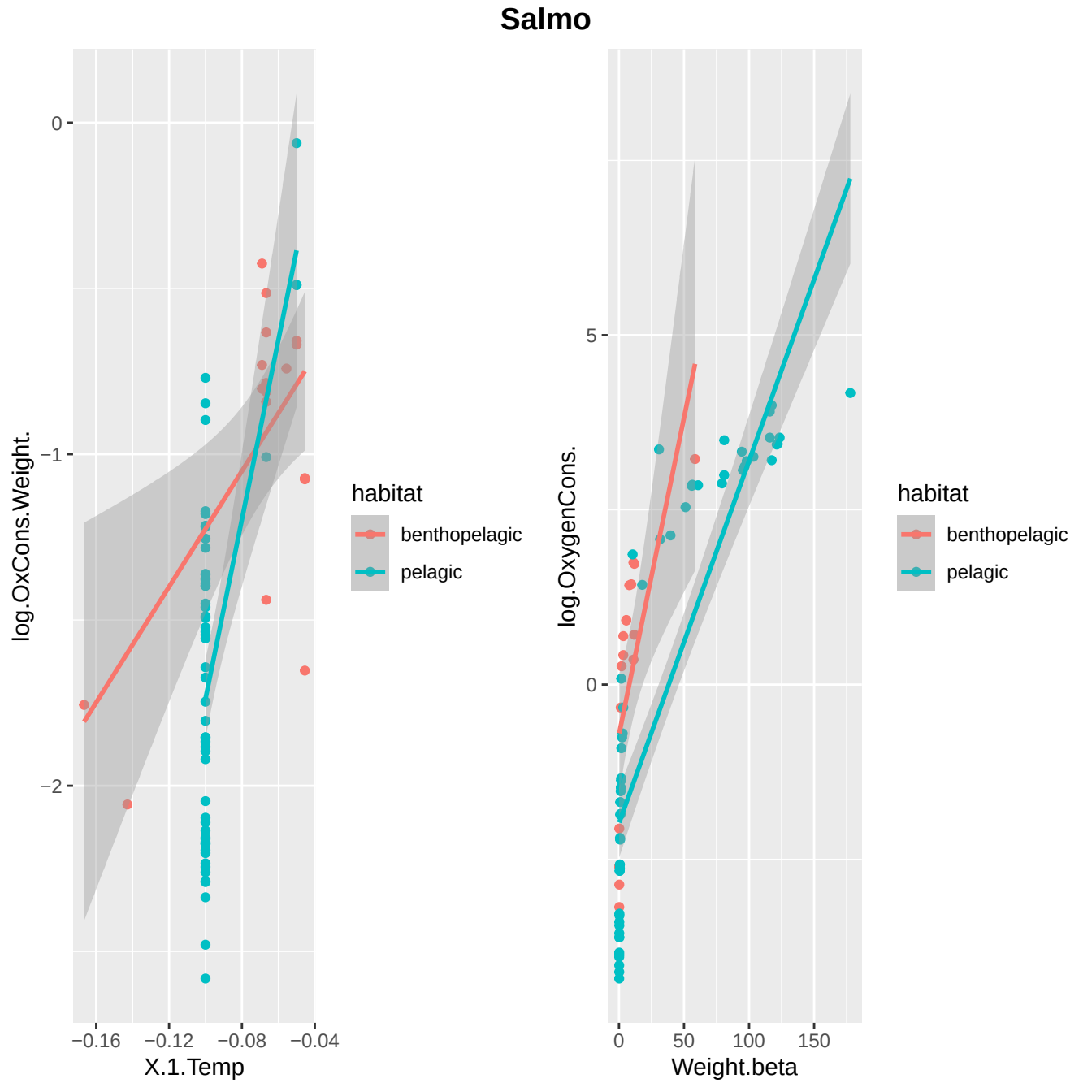

Rhodeus
log.OxCons.Weight.
−1
−2
−3
−0.08
−0.07
−0.06
−0.05
−0.04
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
1
0
−1
−2
1
2
3
4
5
Weight.beta
habitat
benthopelagic

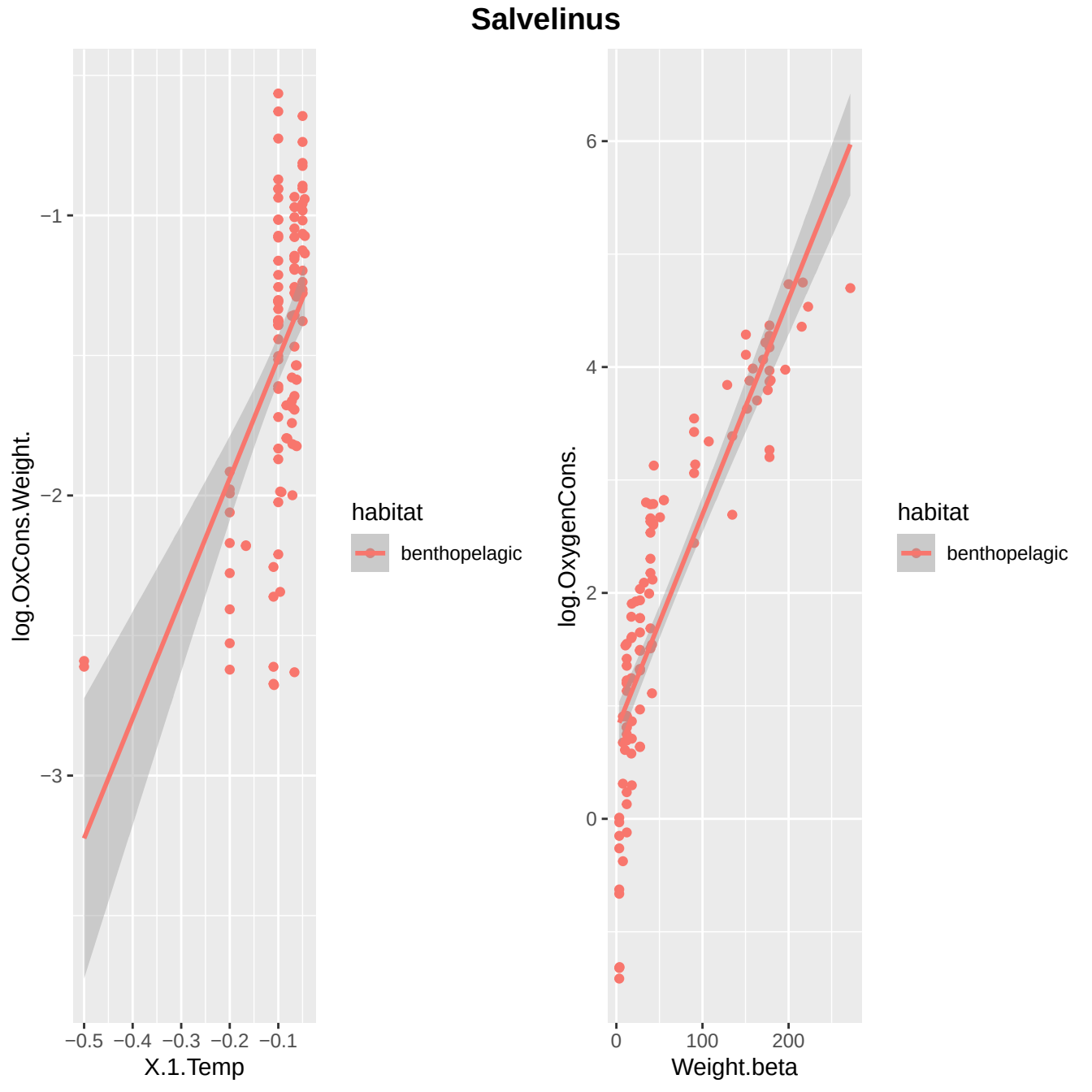
Rutilus


0.0
−0.5
−1.0
−1.5
−2.0
log.OxCons.Weight.
−0.11
−0.09
−0.07
−0.05
X.1.Temp
habitat
benthopelagic

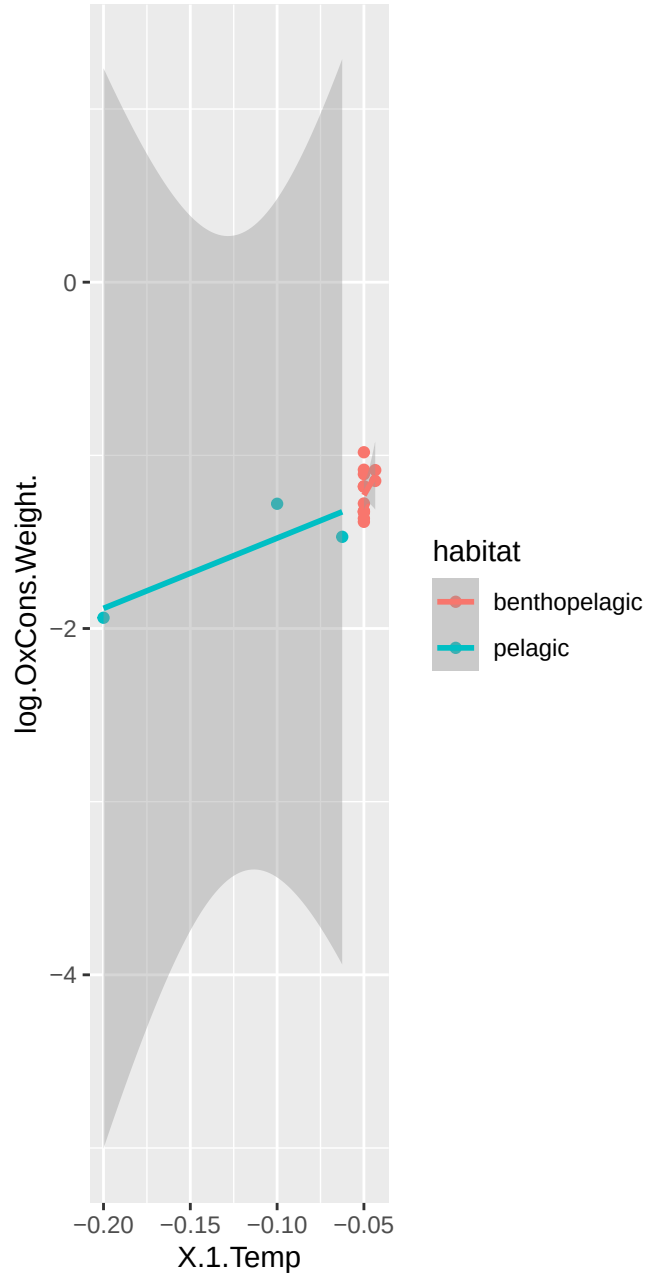

5
4
3
2
1
0
log.OxygenCons.
0
20
40
60
Weight.beta
habitat
benthopelagic

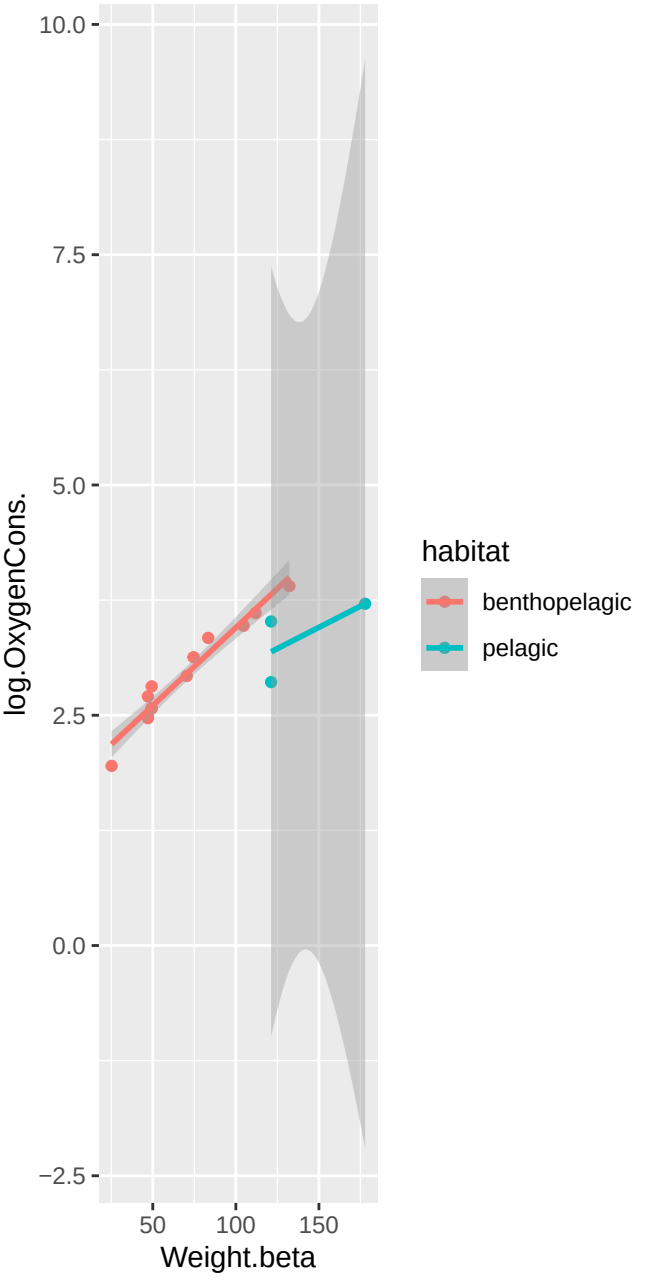

Sagamichthys
log.OxCons.Weight.
−3.34
−3.36
−3.38
−3.40
−3.42
−0.250
−0.225
−0.200
−0.175
X.1.Temp
habitat
pelagic
log.OxygenCons.
−1.5
−1.8
−2.1
−2.4
−2.7
3.64
3.66
3.68
3.70
3.72
Weight.beta
habitat
pelagic

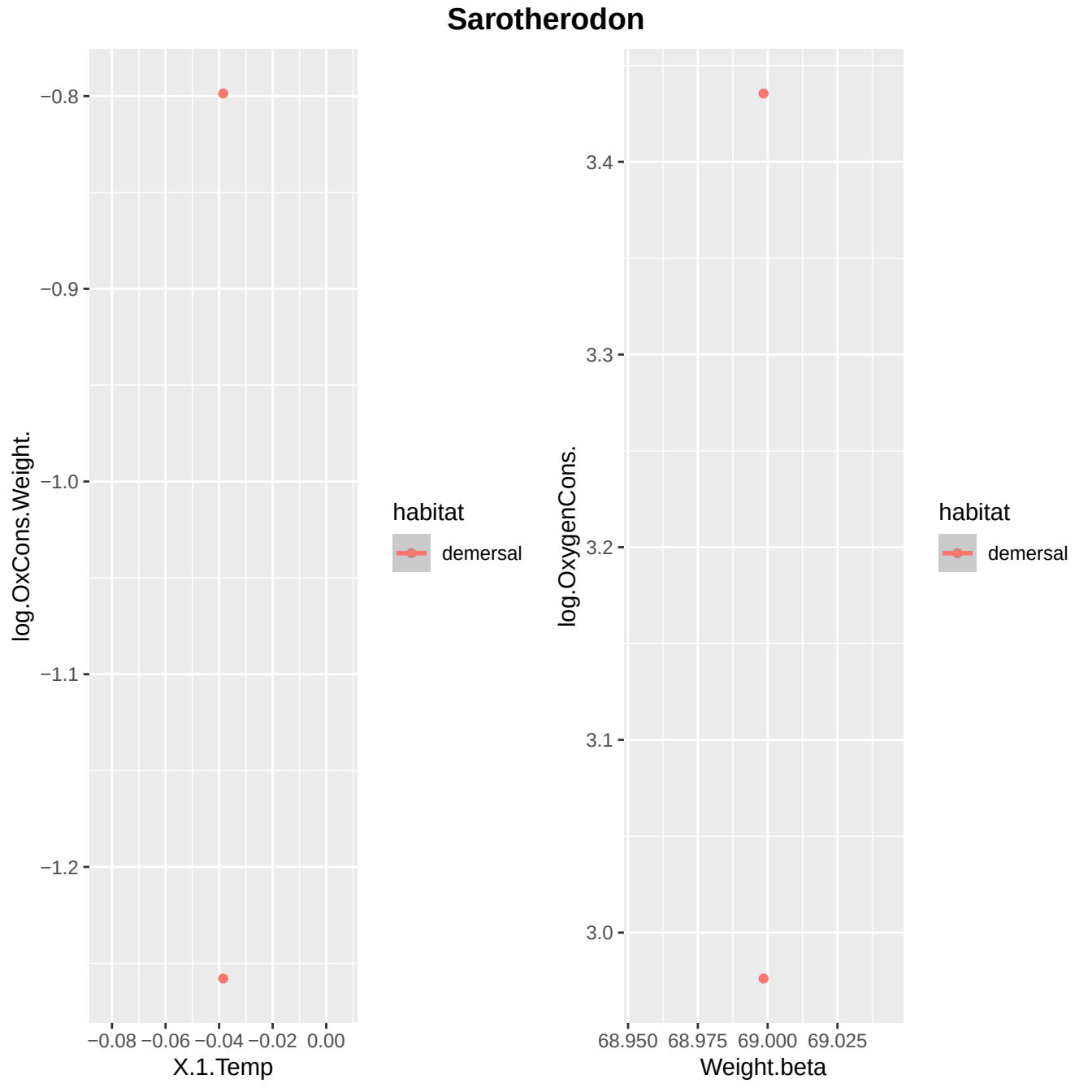

Salmo
log.OxCons.Weight.
0
−1
−2
−0.16
−0.12
−0.08
−0.04
X.1.Temp
habitat
benthopelagic
pelagic
log.OxygenCons.
5
0
0
50
100
150
Weight.beta
habitat
benthopelagic
pelagic

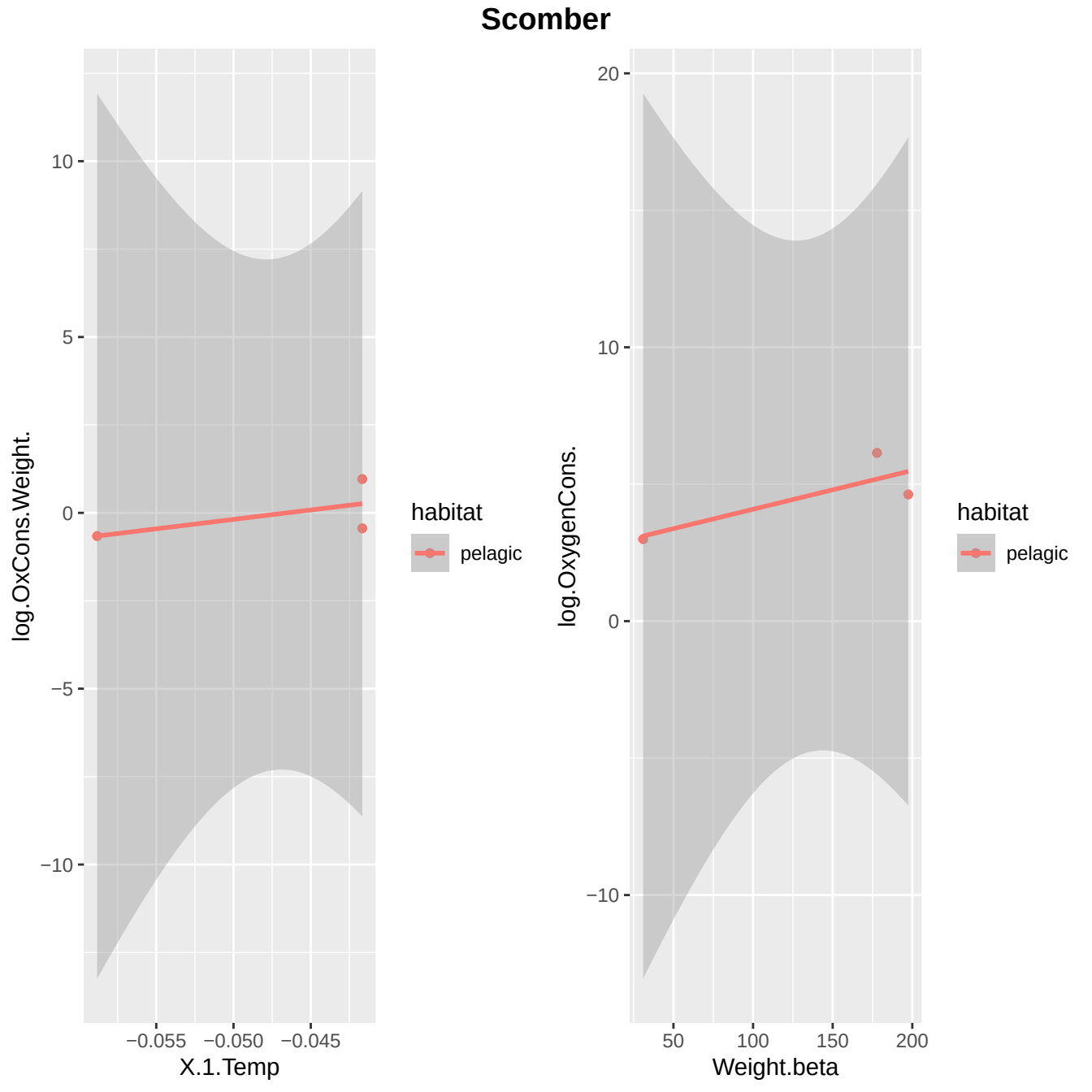

Salvelinus
log.OxCons.Weight.
−1
−2
−3
−0.5
−0.4
−0.3
−0.2
−0.1
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
6
4
2
0
0
100
200
Weight.beta
habitat
benthopelagic

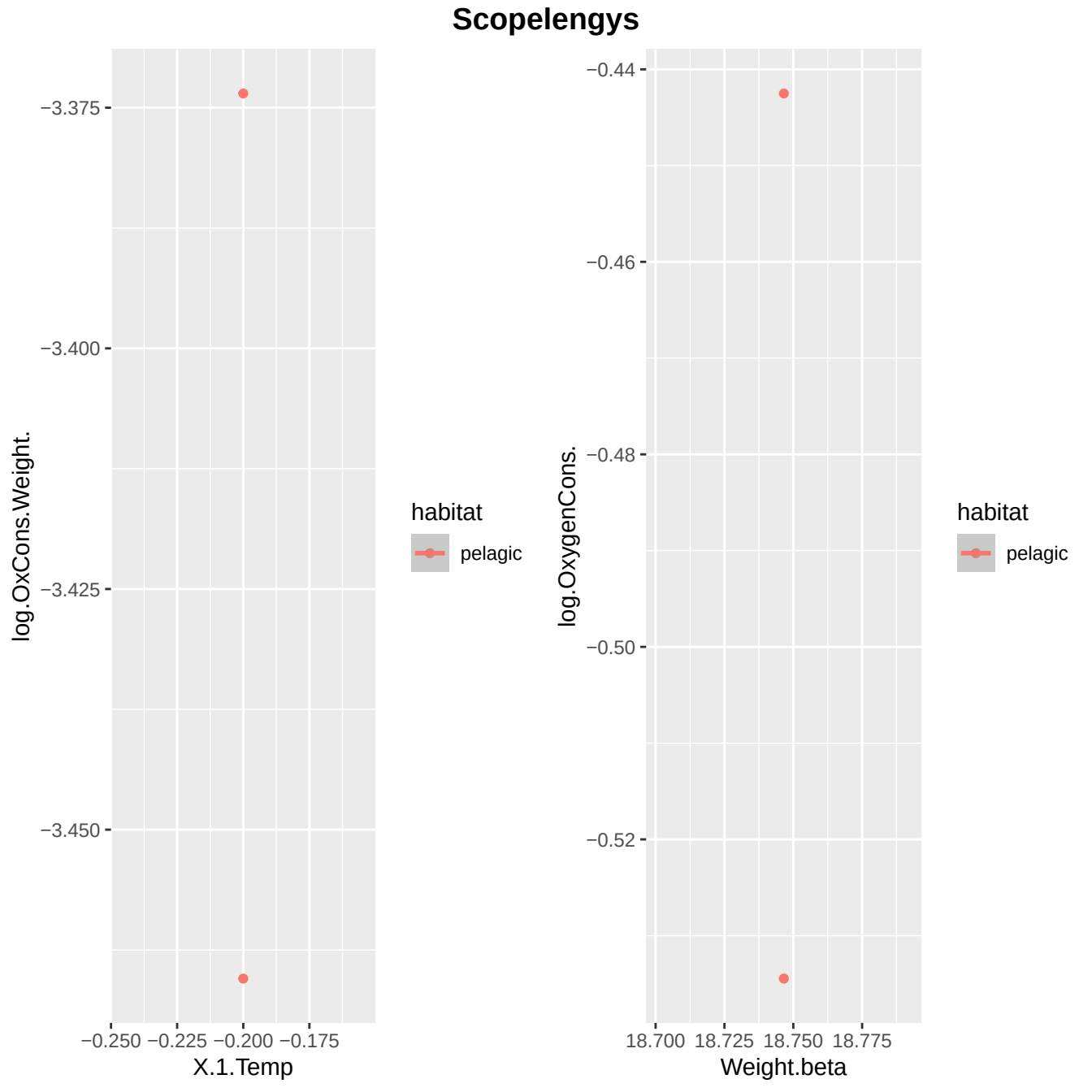
Sander

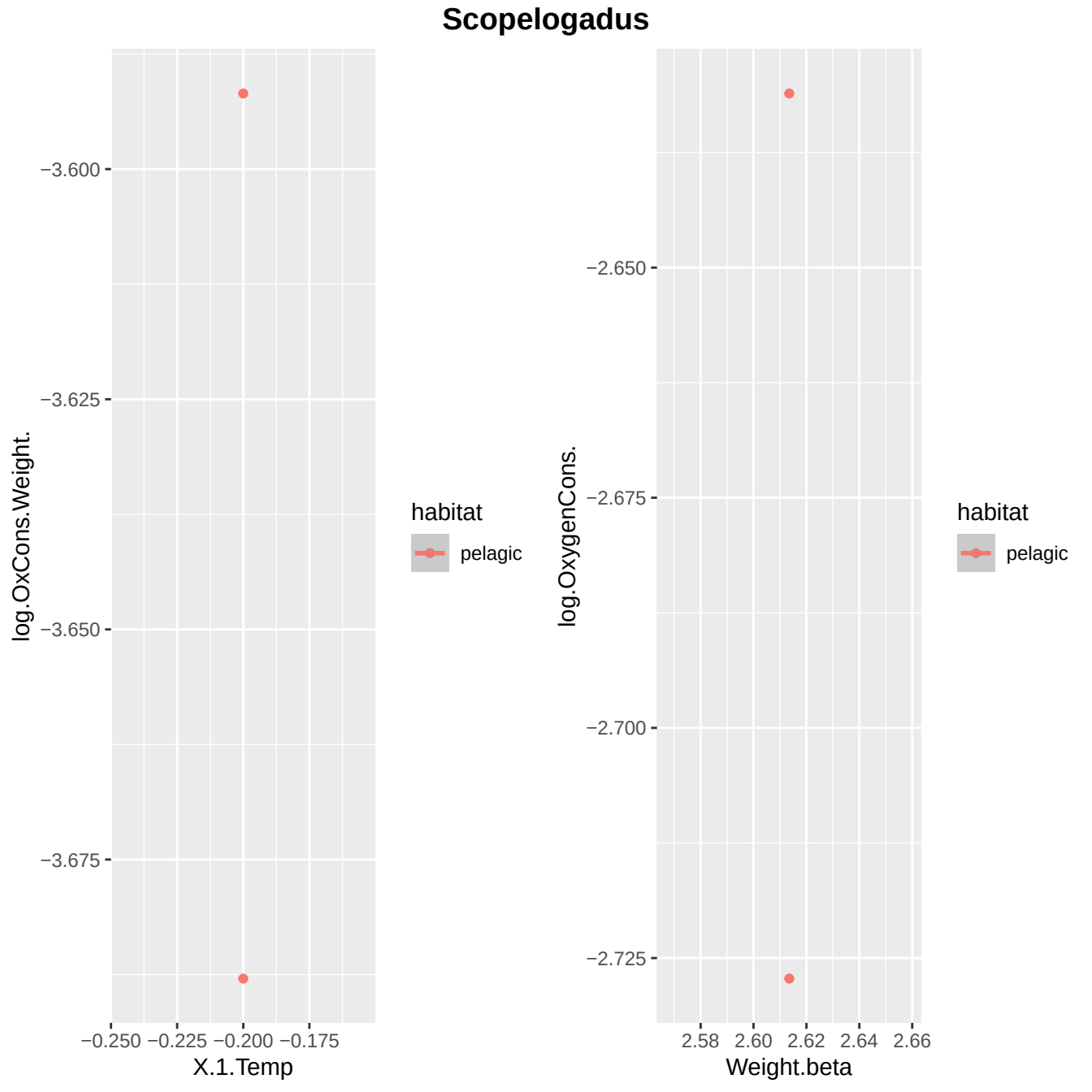

log.OxCons.Weight.
0
−2
−4
−0.20
−0.15
−0.10
−0.05
X.1.Temp
habitat
benthopelagic
pelagic

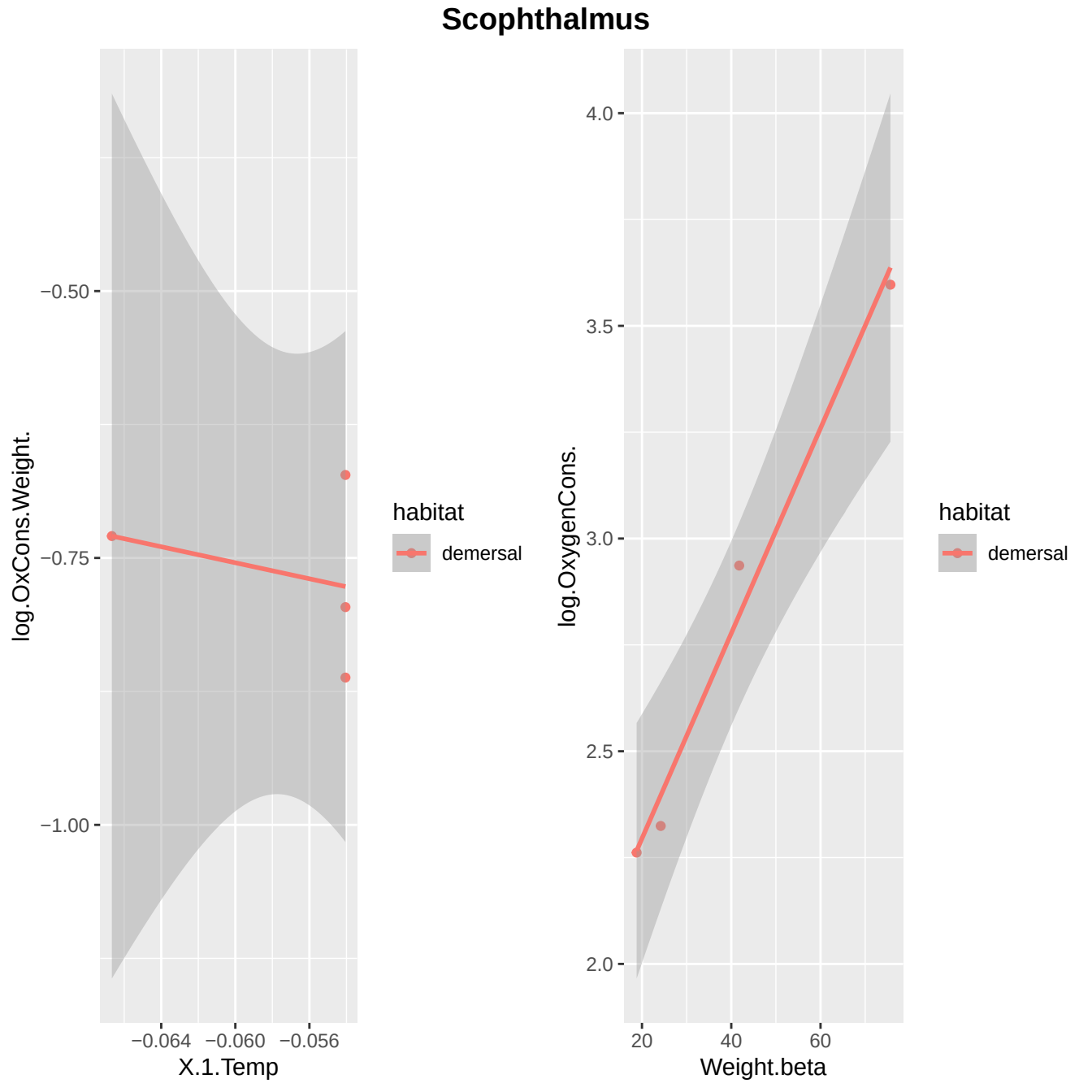

log.OxygenCons.
10.0
7.5
5.0
2.5
0.0
−2.5
50
100
150
Weight.beta
habitat
benthopelagic
pelagic

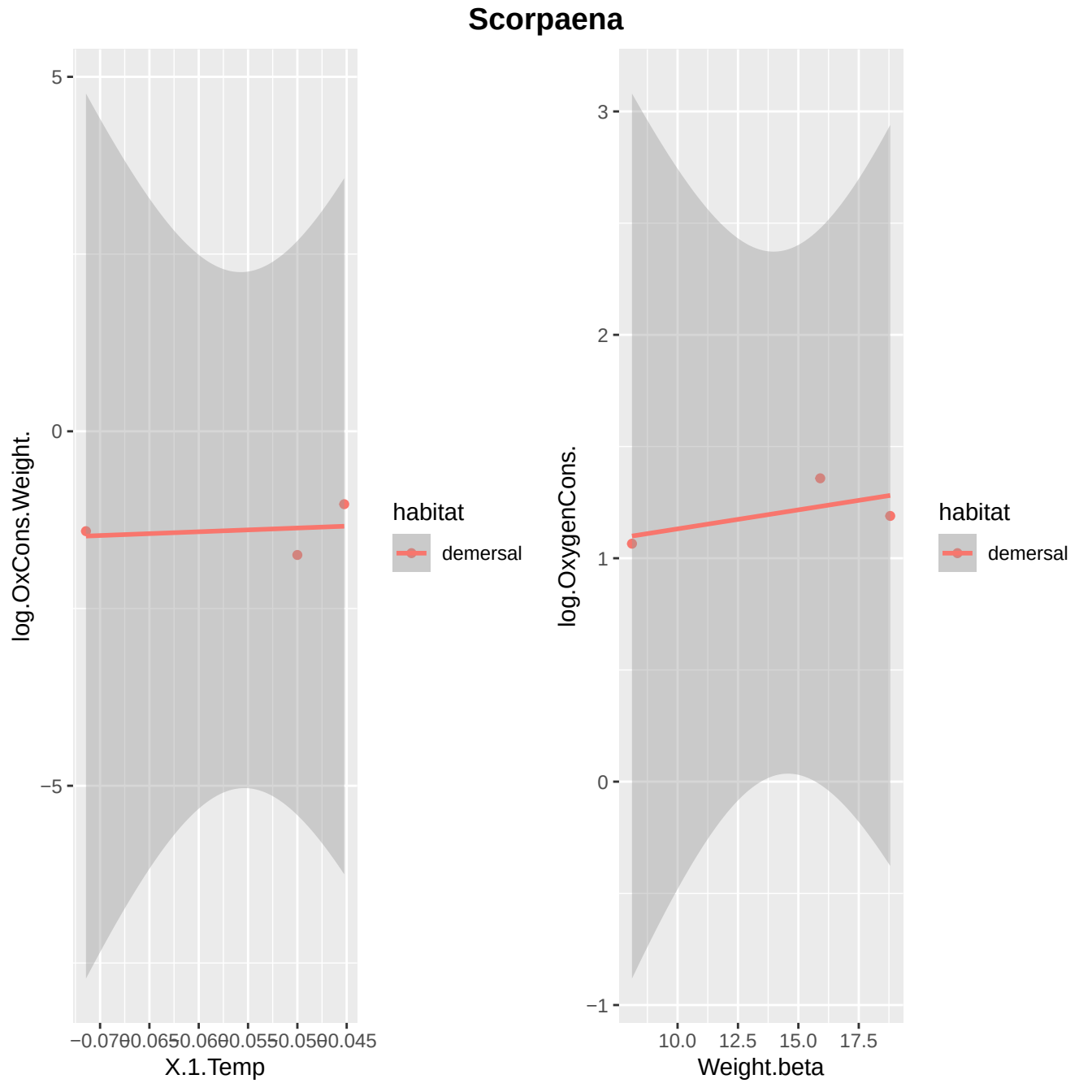

Sarotherodon
log.OxCons.Weight.
−0.8
−0.9
−1.0
−1.1
−1.2
−0.08 −0.06 −0.04 −0.02 0.00
X.1.Temp
habitat
demersal
log.OxygenCons.
3.4
3.3
3.2
3.1
3.0
68.950 68.975 69.000 69.025
Weight.beta
habitat
demersal

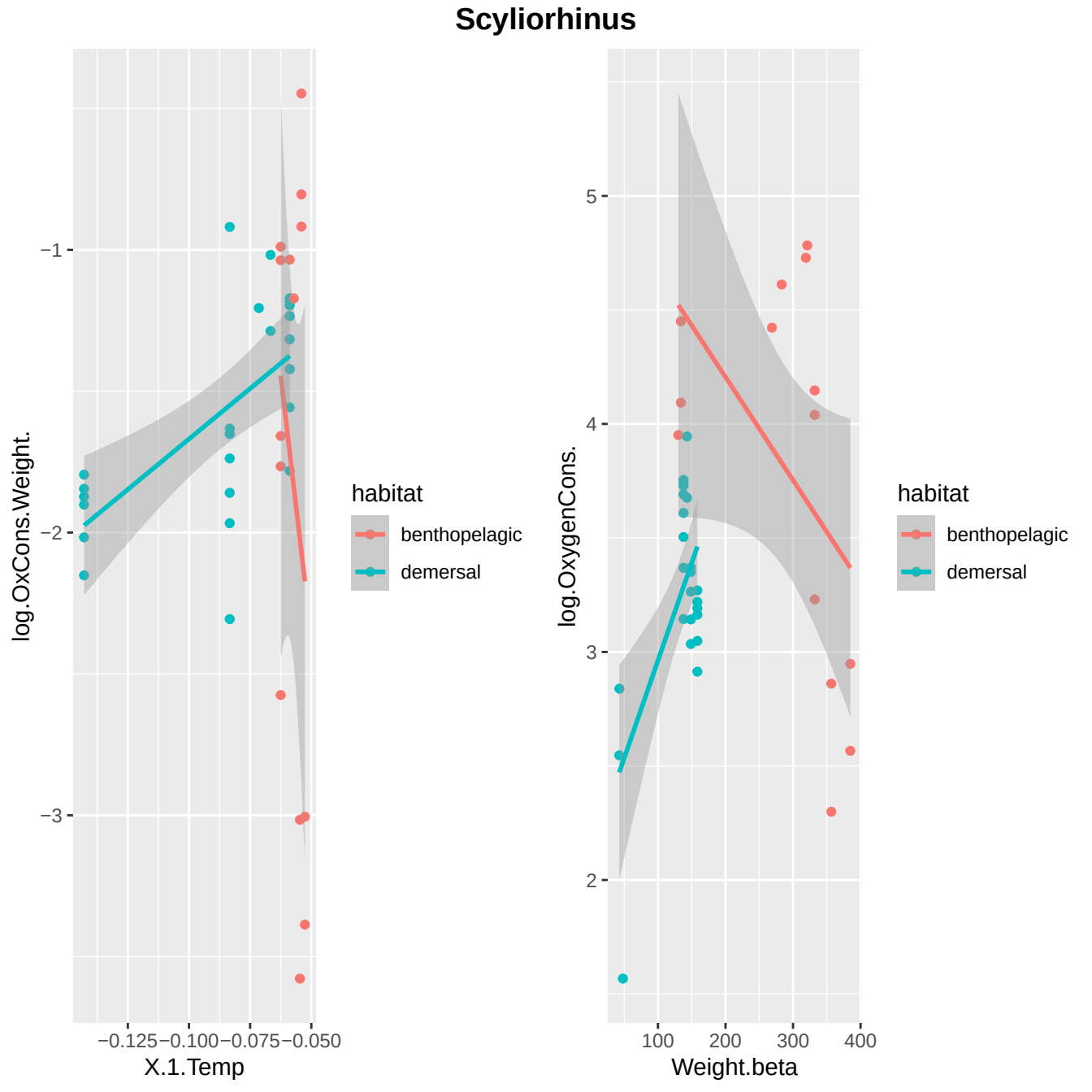

Scomber
log.OxCons.Weight.
10
5
0
−5
−10
−0.055
−0.050
−0.045
X.1.Temp
habitat
pelagic
log.OxygenCons.
20
10
0
−10
50
100
150
200
Weight.beta
habitat
pelagic

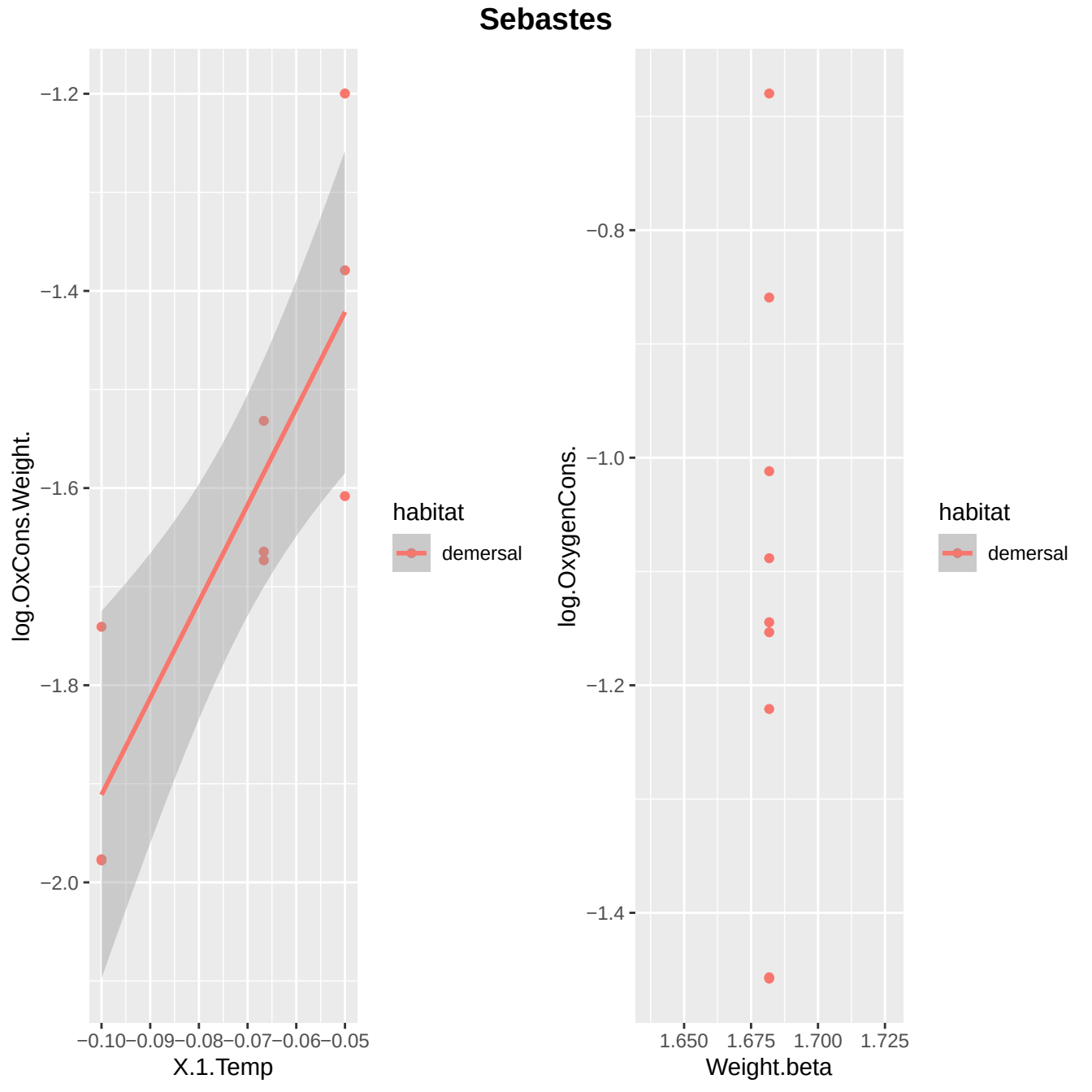

Scopelengys
−3.375
−3.400
−3.425
−3.450
log.OxCons.Weight.
−0.250 −0.225 −0.200 −0.175
X.1.Temp
habitat
pelagic
−0.44
−0.46
−0.48
−0.50
−0.52
log.OxygenCons.
18.700 18.725 18.750 18.775
Weight.beta
habitat
pelagic

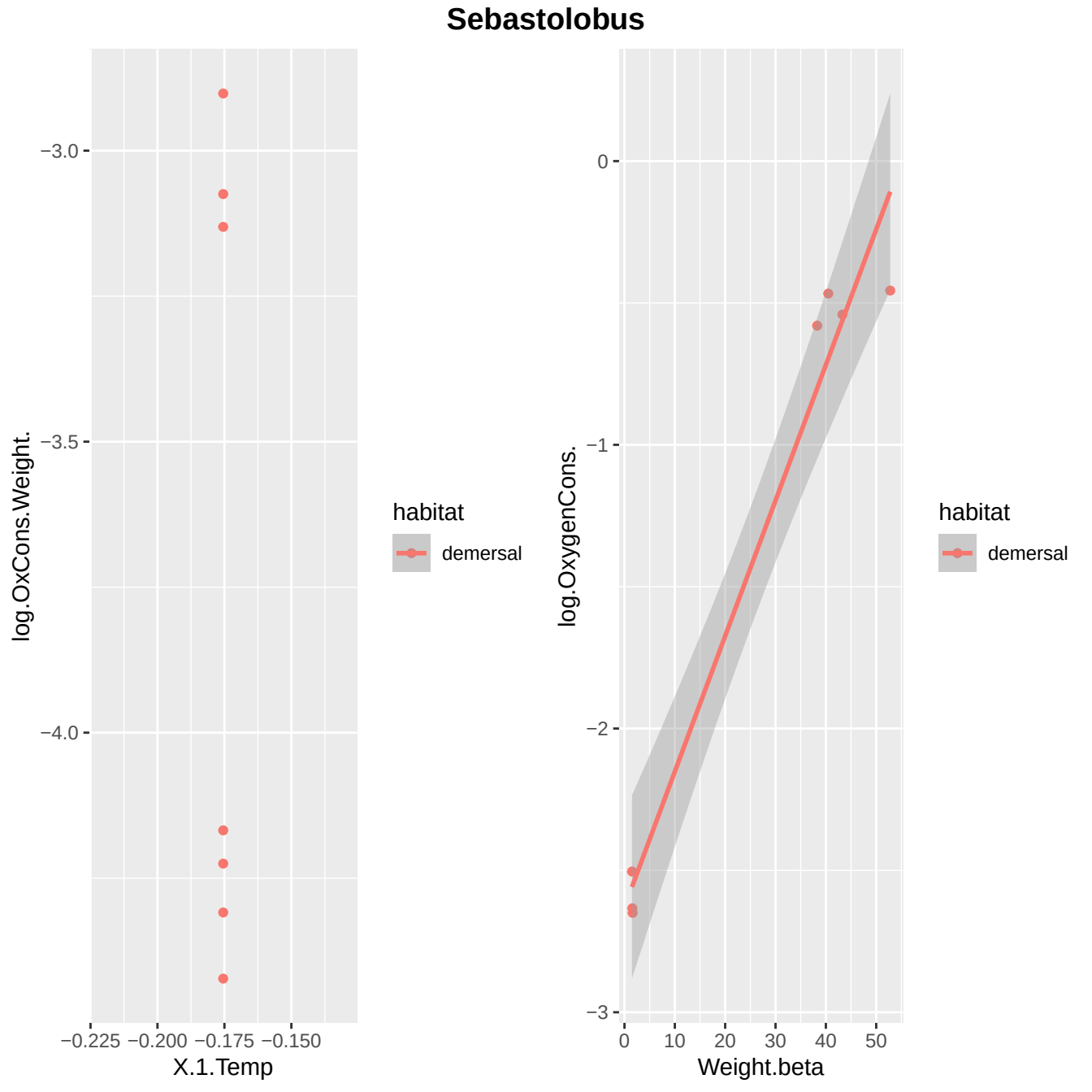

Scopelogadus
log.OxCons.Weight.
−3.600
−3.625
−3.650
−3.675
−0.250 −0.225 −0.200 −0.175
X.1.Temp
habitat
pelagic
log.OxygenCons.
−2.650
−2.675
−2.700
−2.725
2.58 2.60 2.62 2.64 2.66
Weight.beta
habitat
pelagic

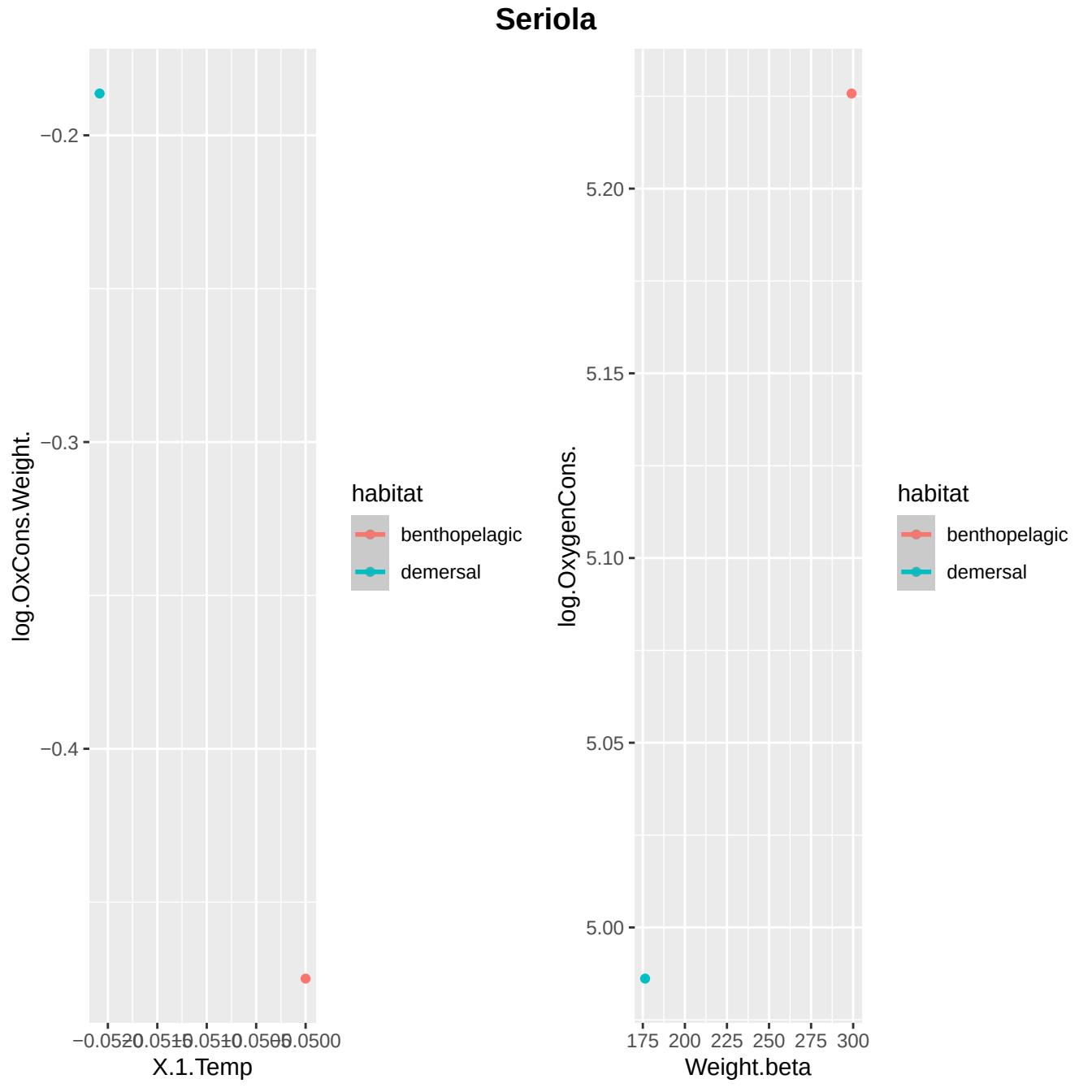

Scophthalmus
log.OxCons.Weight.
−0.50
−0.75
−1.00
−0.064
−0.060
−0.056
X.1.Temp
habitat
demersal
log.OxygenCons.
4.0
3.5
3.0
2.5
2.0
20
40
60
Weight.beta
habitat
demersal

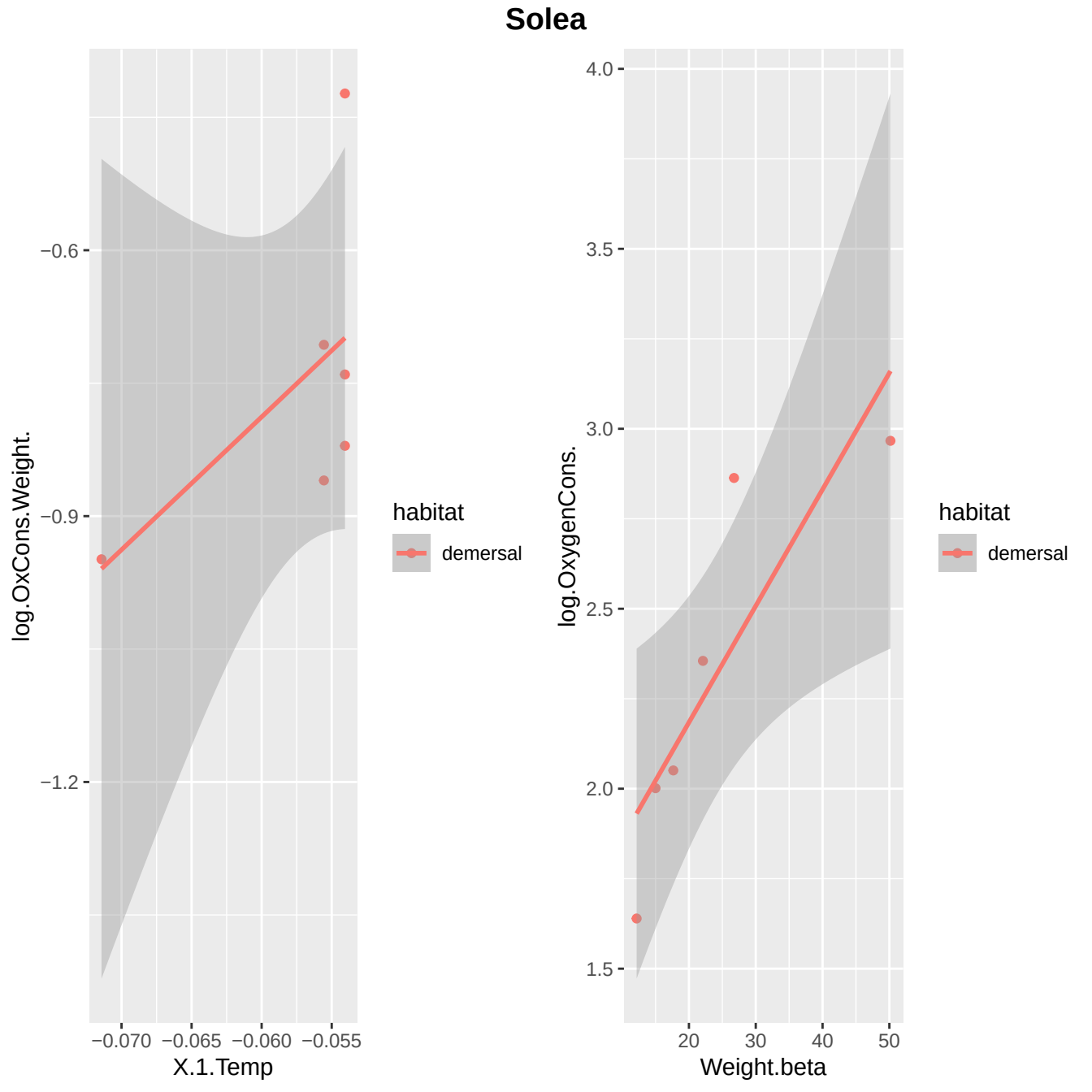

Scorpaena
log.OxCons.Weight.
5
0
−5
−0.070
0.065
0.060
0.055
0.050
0.045
X.1.Temp
habitat
demersal
log.OxygenCons.
3
2
1
0
−1
10.0
12.5
15.0
17.5
Weight.beta
habitat
demersal

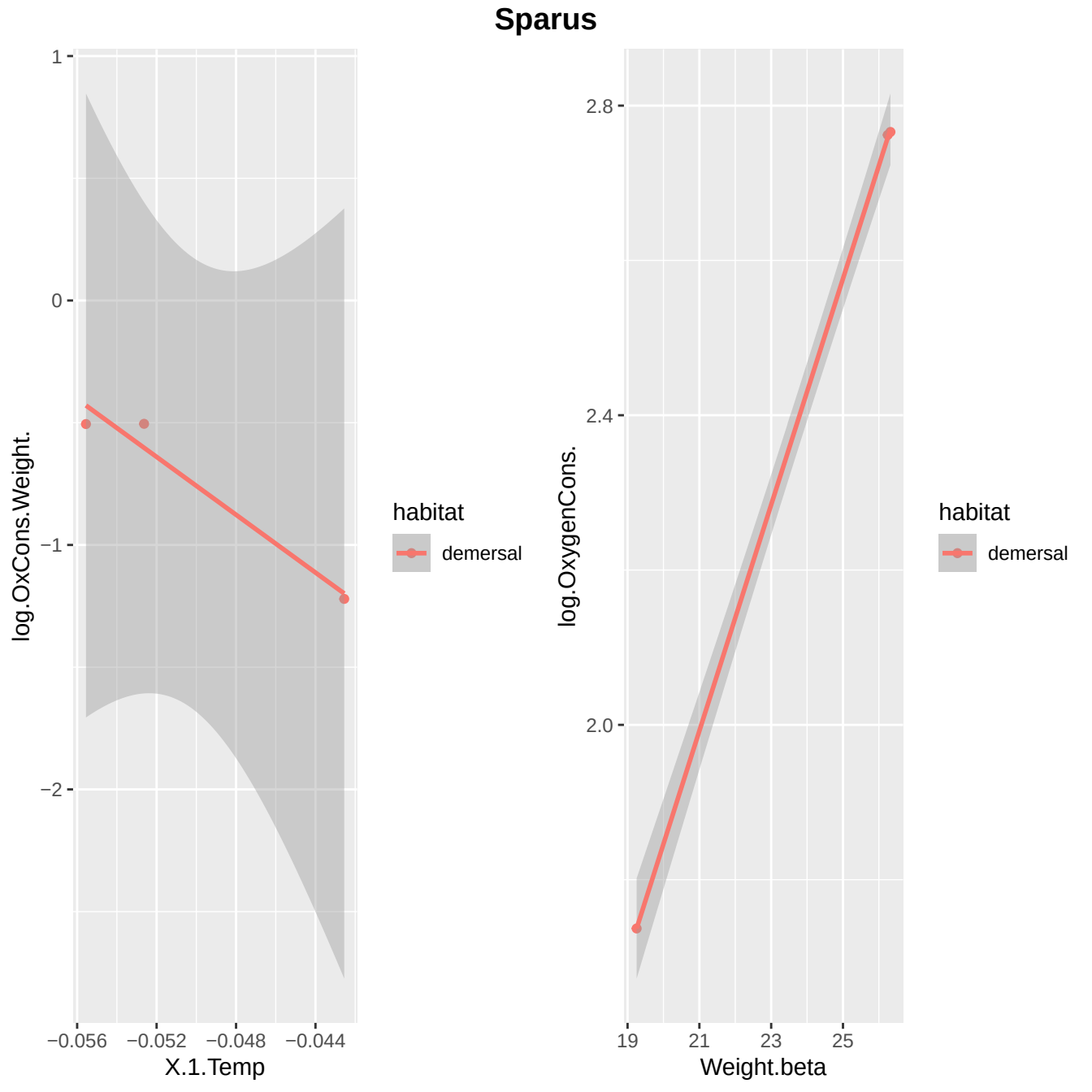

Scyliorhinus
log.OxCons.Weight.
−1
−2
−3
−0.125
−0.100
−0.075
−0.050
X.1.Temp
habitat
benthopelagic
demersal
log.OxygenCons.
5
4
3
2
100
200
300
400
Weight.beta
habitat
benthopelagic
demersal

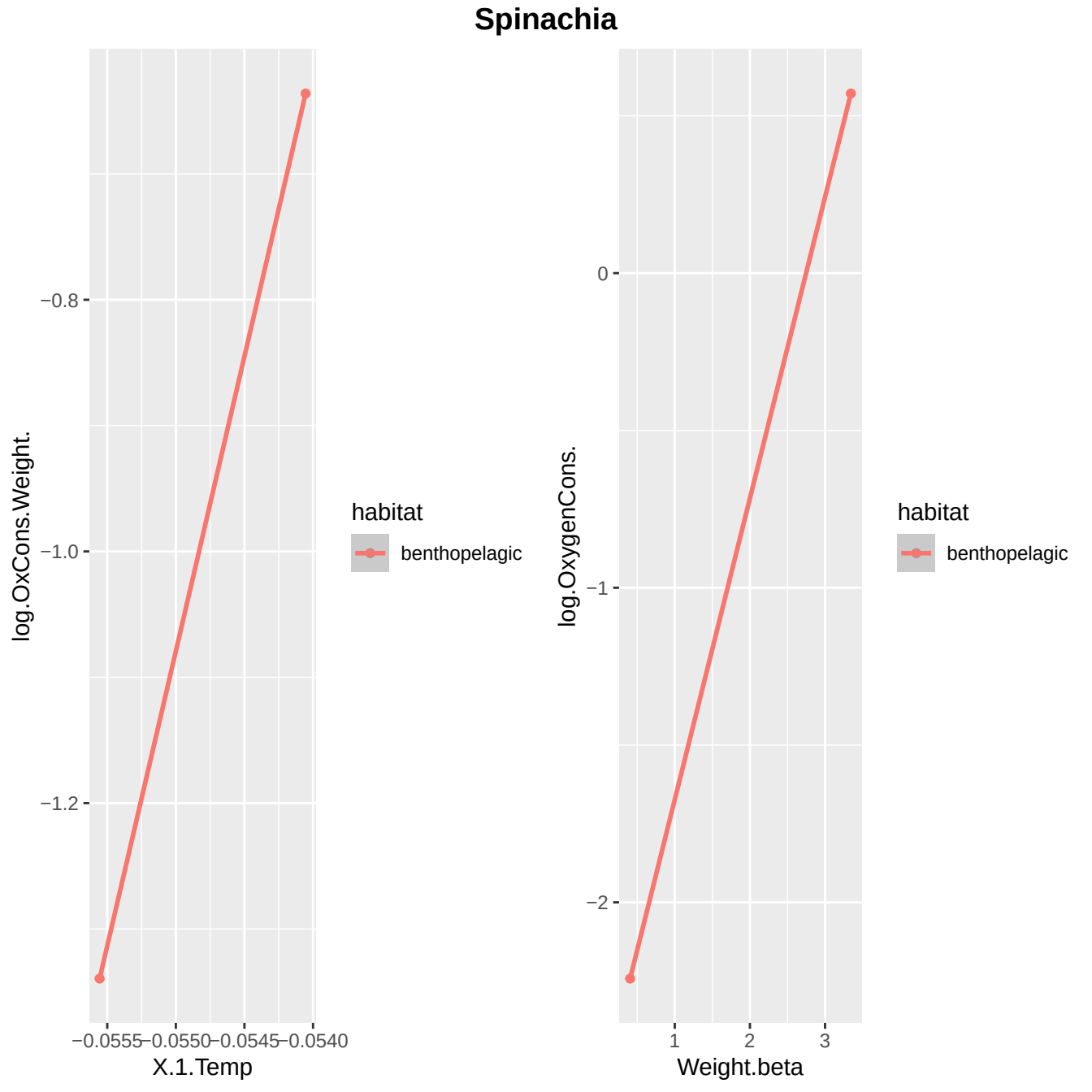

Sebastes
log.OxCons.Weight.
−1.2
−1.4
−1.6
−1.8
−2.0
−0.10
−0.09
−0.08
−0.07
−0.06
−0.05
X.1.Temp
habitat
demersal
log.OxygenCons.
−0.8
−1.0
−1.2
−1.4
1.650
1.675
1.700
1.725
Weight.beta
habitat
demersal

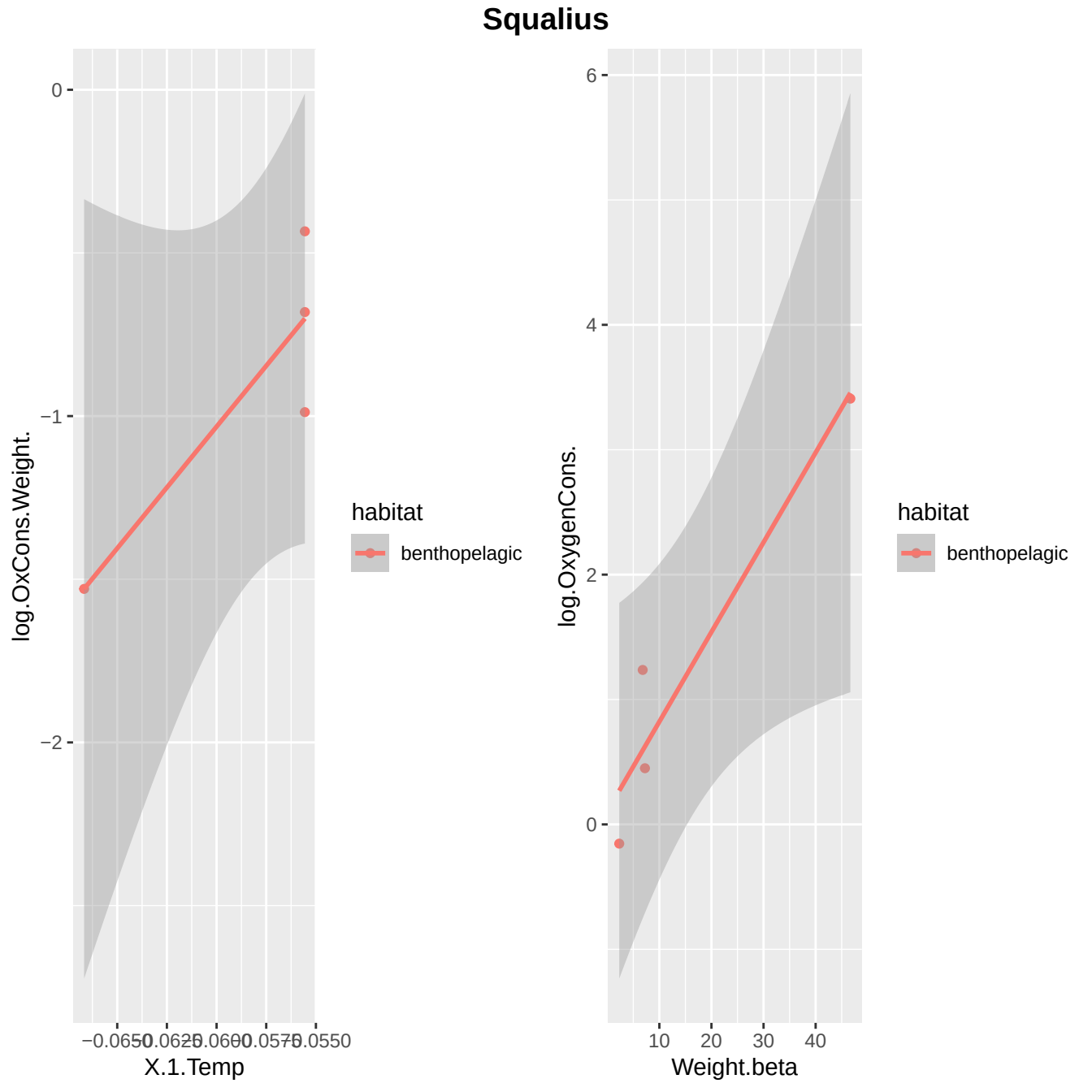

Sebastolobus
log.OxCons.Weight.
−3.0
−3.5
−4.0
−0.225
−0.200
−0.175
−0.150
X.1.Temp
habitat
demersal
log.OxygenCons.
0
−1
−2
−3
0
10
20
30
40
50
Weight.beta
habitat
demersal

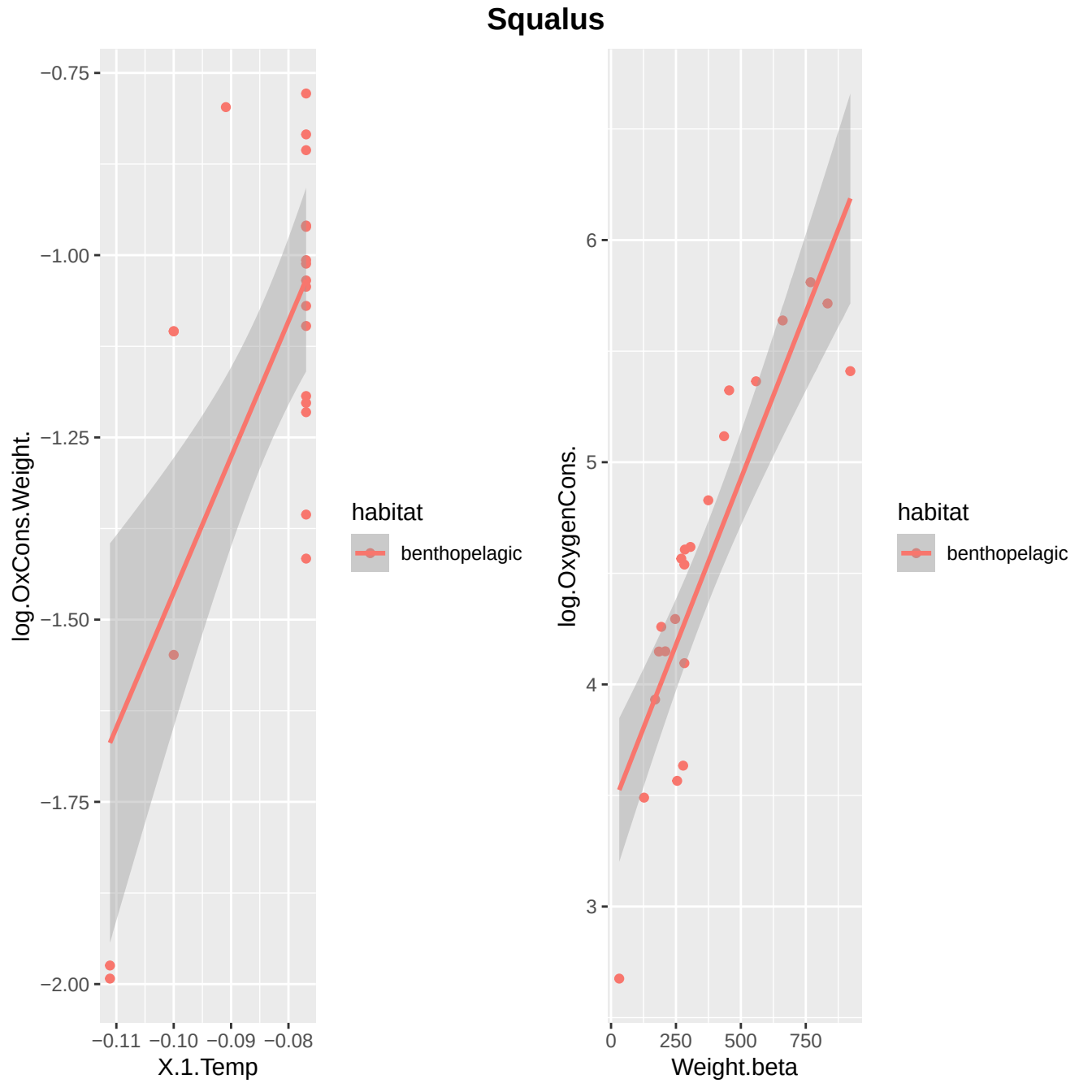

Seriola
log.OxCons.Weight.
−0.2
−0.3
−0.4
−0.0520
−0.0515
−0.0510
−0.0505
−0.0500
X.1.Temp
habitat
benthopelagic
demersal
log.OxygenCons.
5.20
5.15
5.10
5.05
5.00
175
200
225
250
275
300
Weight.beta
habitat
benthopelagic
demersal

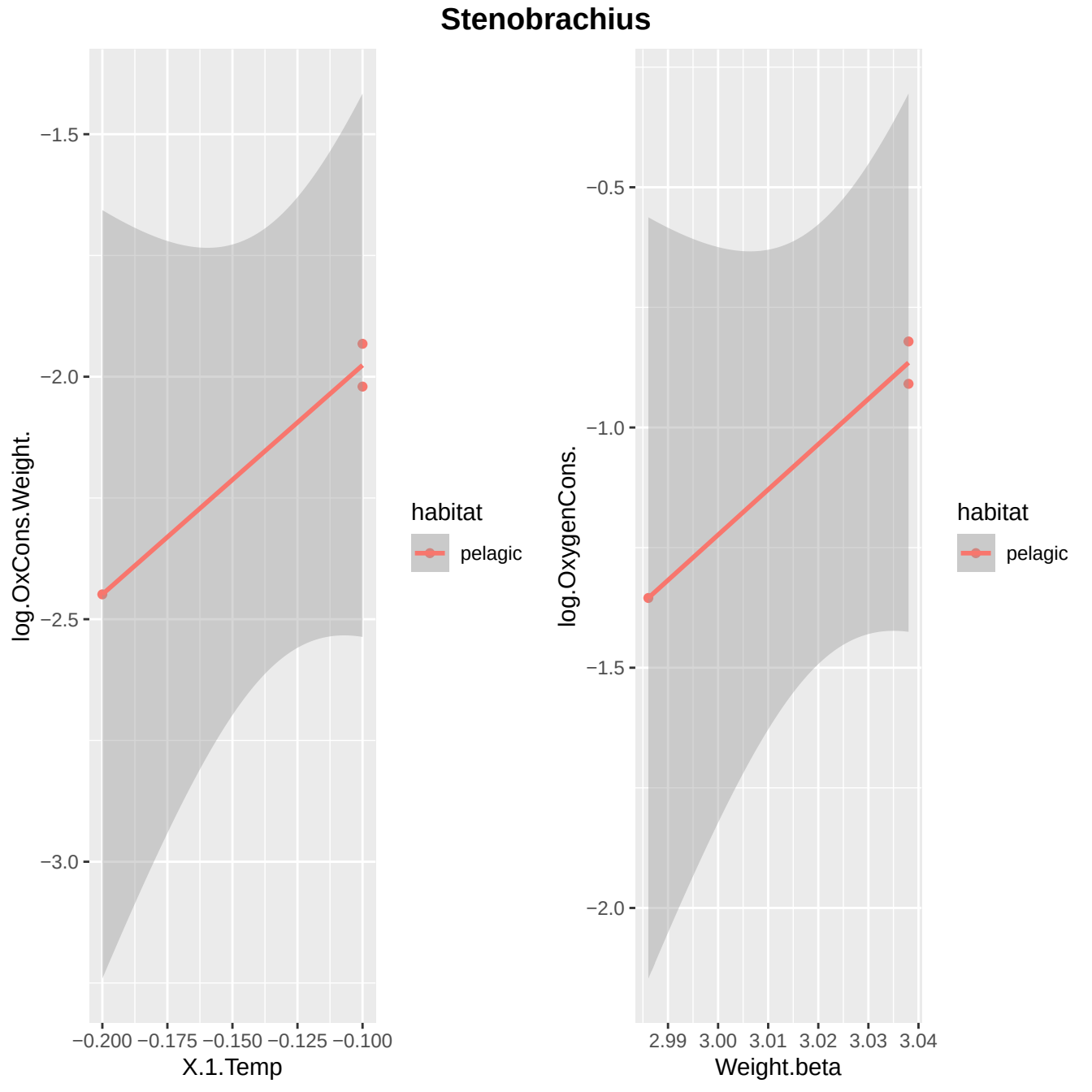

Solea
log.OxCons.Weight.
−0.6
−0.9
−1.2
−0.070
−0.065
−0.060
−0.055
X.1.Temp
habitat
demersal
log.OxygenCons.
4.0
3.5
3.0
2.5
2.0
1.5
20
30
40
50
Weight.beta
habitat
demersal

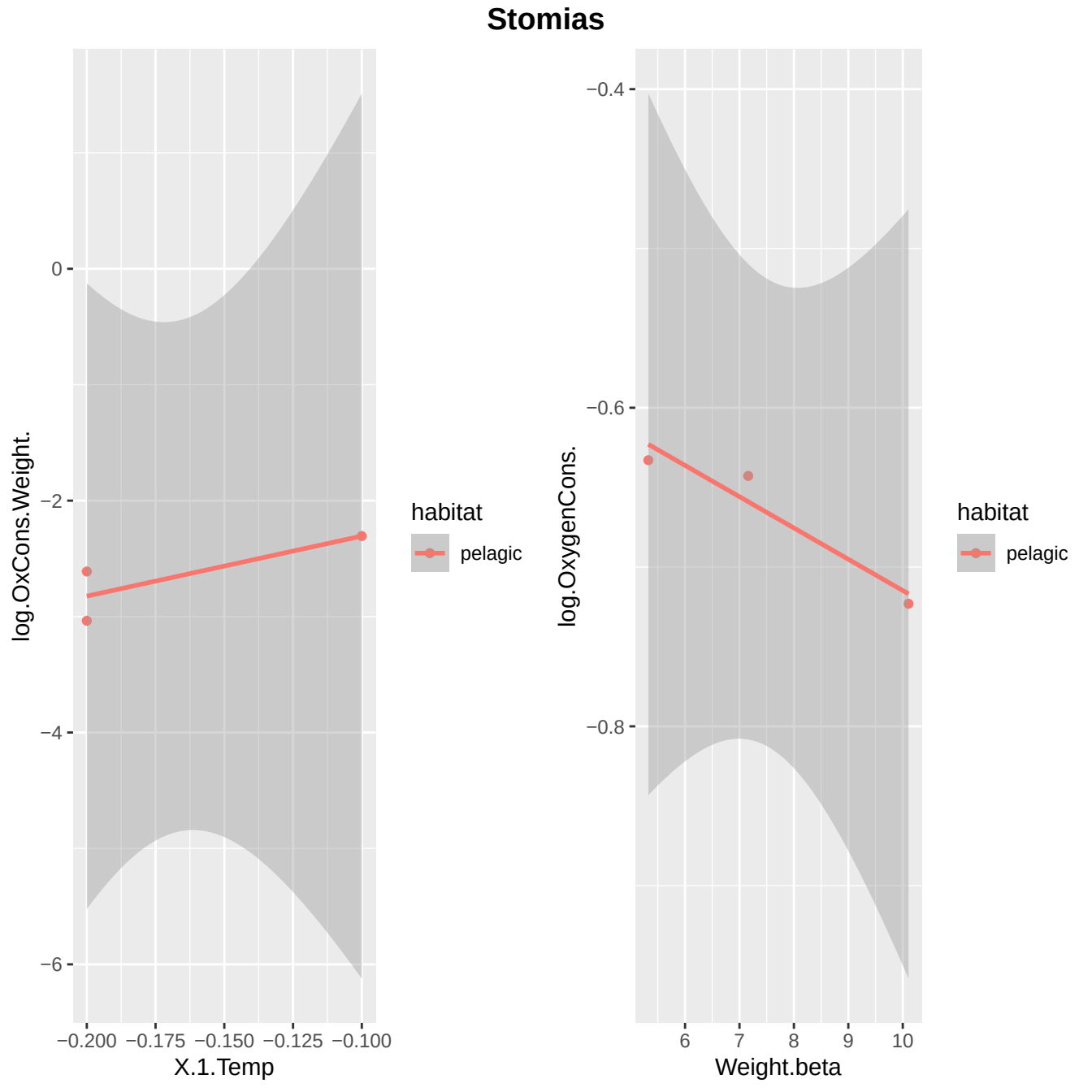

Sparus
1
0
−1
−2
log.OxCons.Weight.
−0.056
−0.052
−0.048
−0.044
X.1.Temp
habitat
demersal
2.8
2.4
2.0
log.OxygenCons.
19
21
23
25
Weight.beta
habitat
demersal

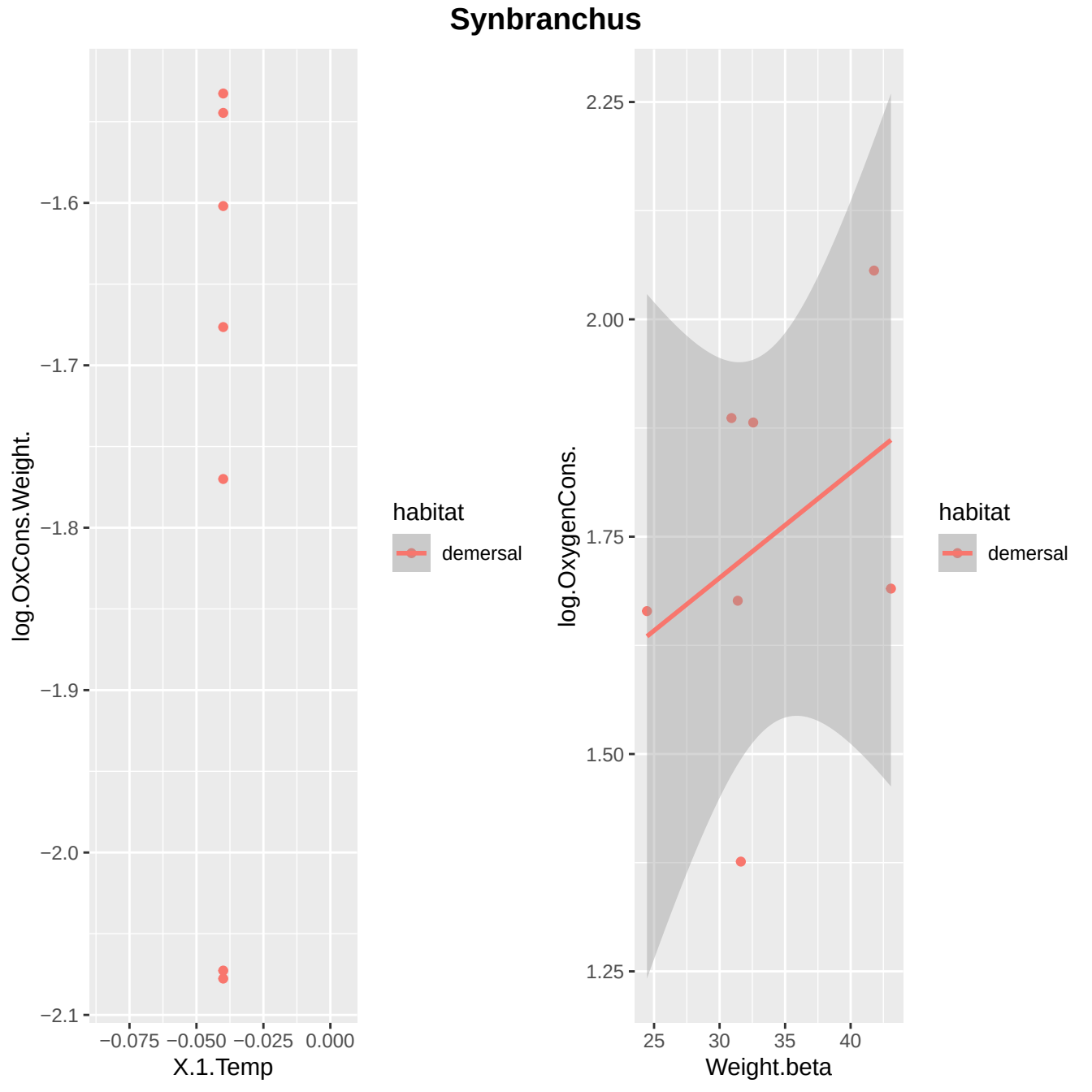

Spinachia
log.OxCons.Weight.
−0.8
−1.0
−1.2
−0.0555
−0.0550
−0.0545
−0.0540
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
0
−1
−2
1
2
3
Weight.beta
habitat
benthopelagic

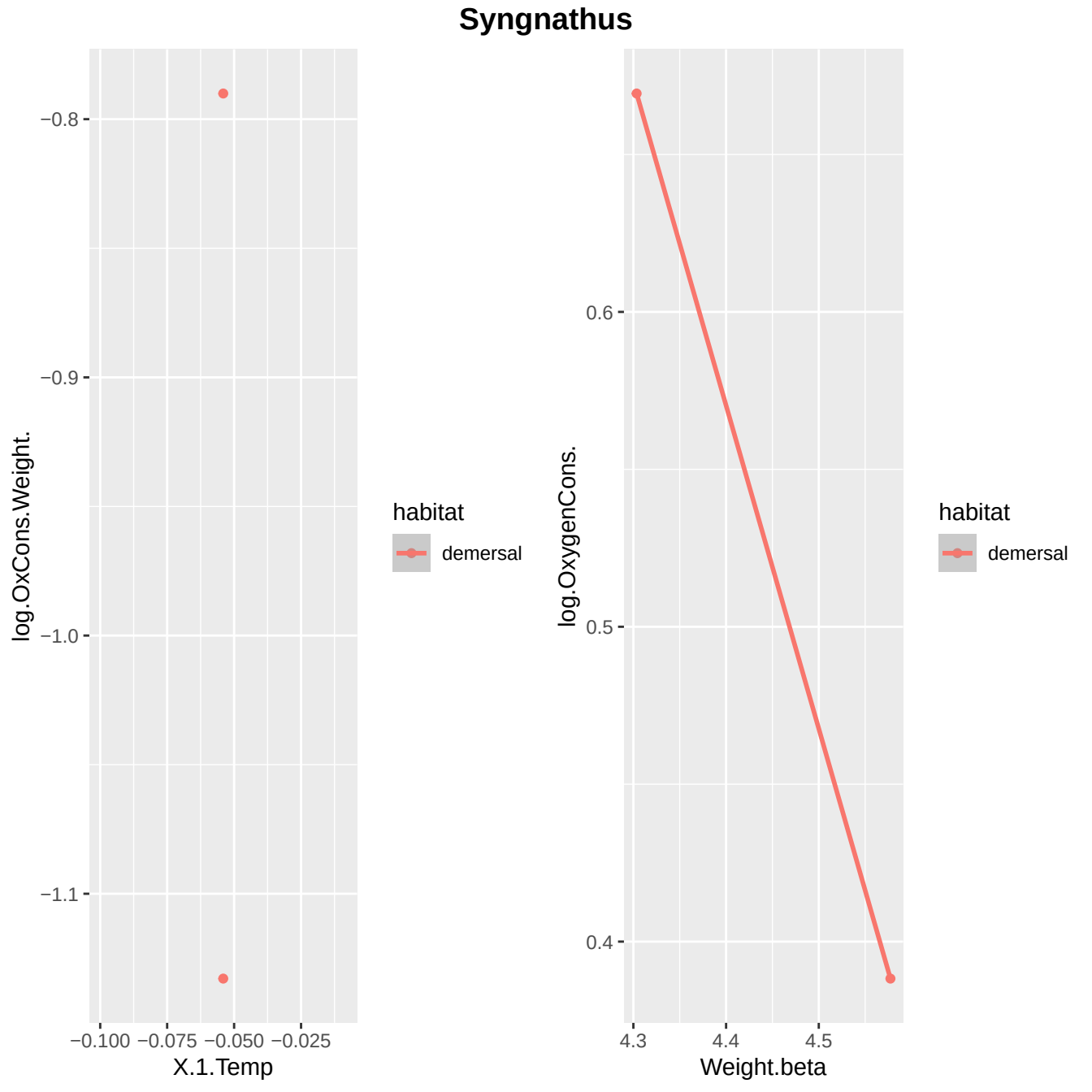

Squalius
0
−1
−2
log.OxCons.Weight.
−0.0650
−0.0625
−0.0600
−0.0575
−0.0550
X.1.Temp
habitat
benthopelagic
6
4
2
0
log.OxygenCons.
10
20
30
40
Weight.beta
habitat
benthopelagic

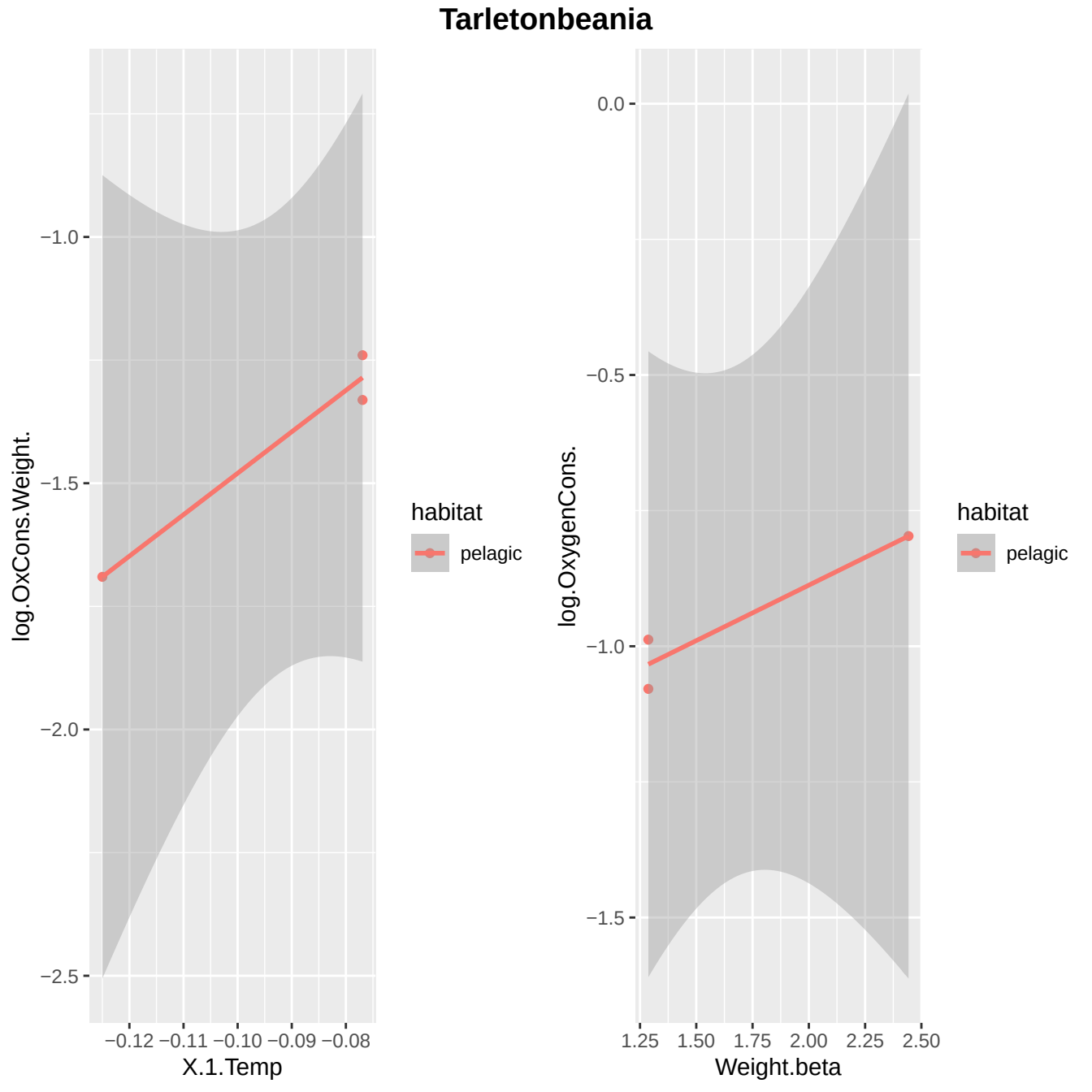

Squalus
−0.75
−1.00
−1.25
−1.50
−1.75
−2.00
log.OxCons.Weight.
−0.11
−0.10
−0.09
−0.08
X.1.Temp
habitat
benthopelagic
6
5
4
3
log.OxygenCons.
0
250
500
750
Weight.beta
habitat
benthopelagic

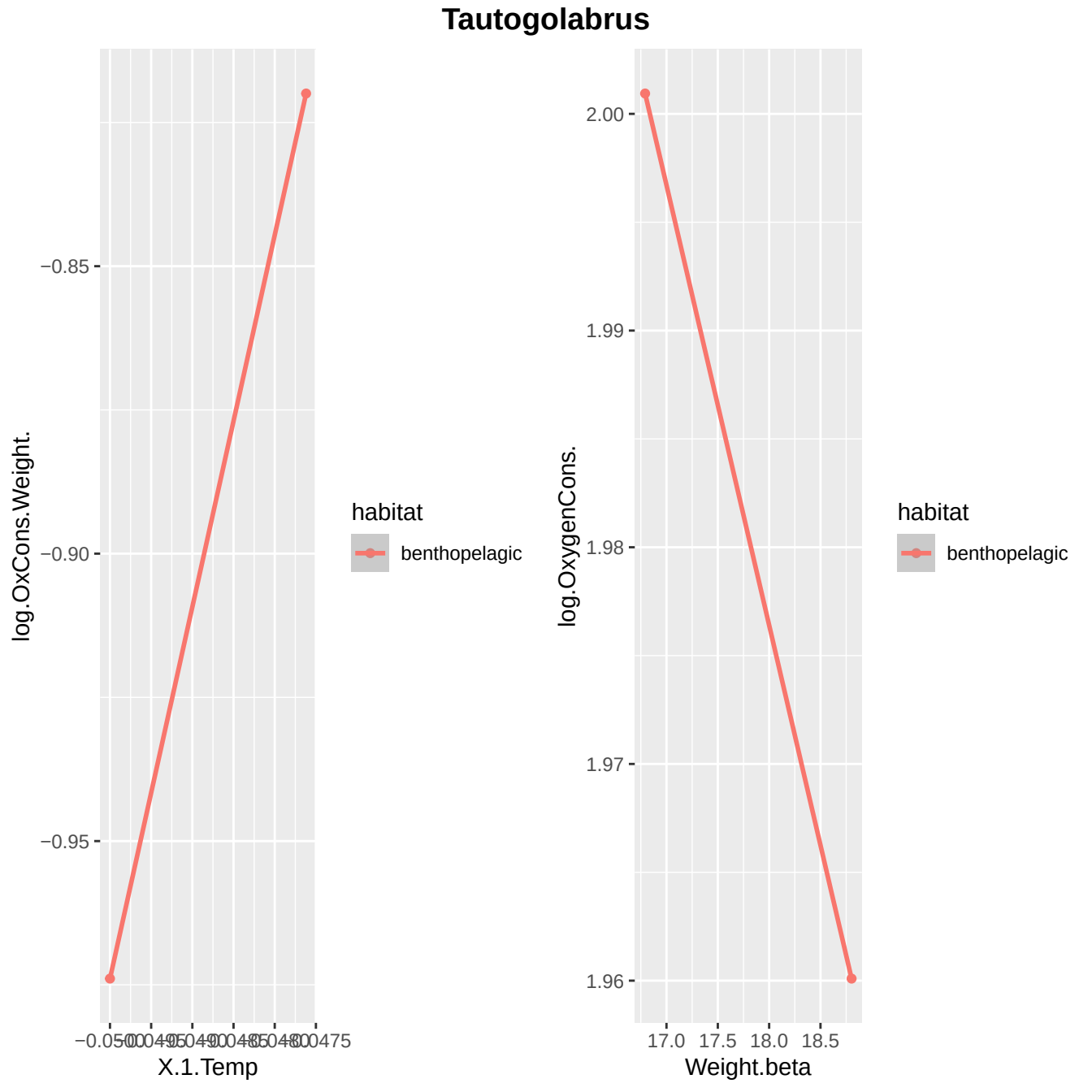

Stenobrachius
log.OxCons.Weight.
−1.5
−2.0
−2.5
−3.0
−0.200 −0.175 −0.150 −0.125 −0.100
X.1.Temp
habitat
pelagic
log.OxygenCons.
−0.5
−1.0
−1.5
−2.0
2.99 3.00 3.01 3.02 3.03 3.04
Weight.beta
habitat
pelagic

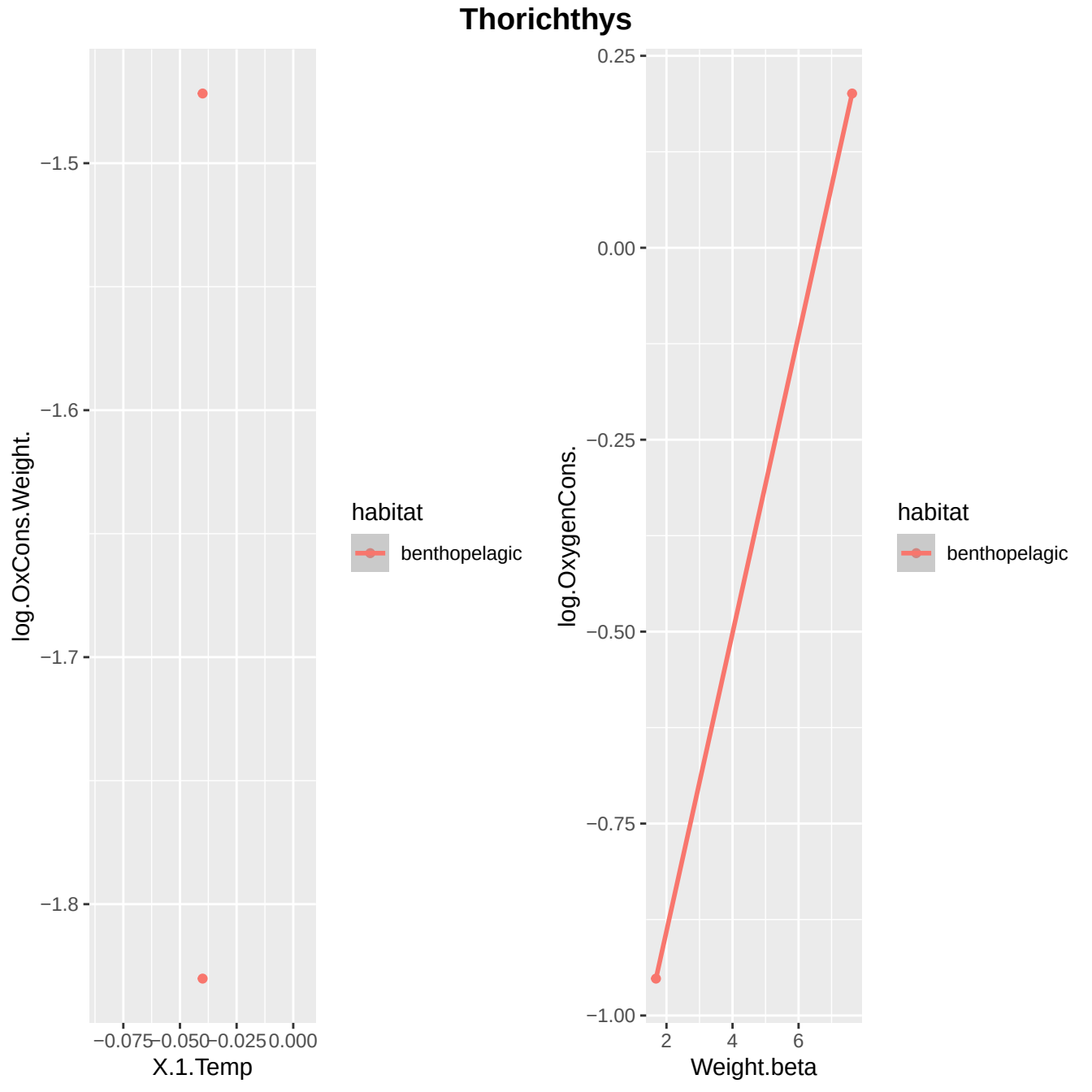

Stomias
log.OxCons.Weight.
0
−2
−4
−6
−0.200
−0.175
−0.150
−0.125
−0.100
X.1.Temp
habitat
pelagic
log.OxygenCons.
−0.4
−0.6
−0.8
6
7
8
9
10
Weight.beta
habitat
pelagic

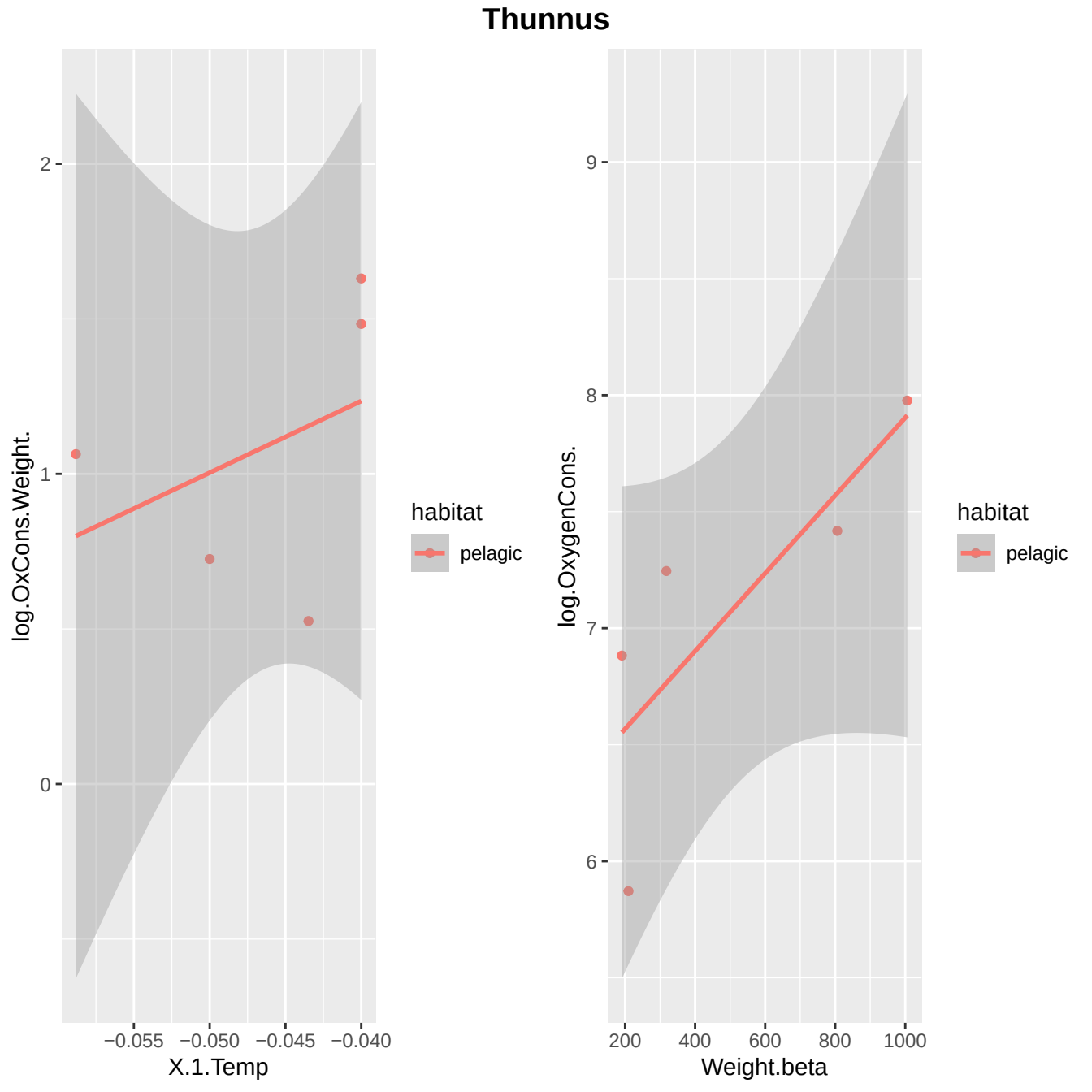

Synbranchus
log.OxCons.Weight.
−1.6
−1.7
−1.8
−1.9
−2.0
−2.1
−0.075
−0.050
−0.025
0.000
X.1.Temp
habitat
demersal
log.OxygenCons.
2.25
2.00
1.75
1.50
1.25
25
30
35
40
Weight.beta
habitat
demersal

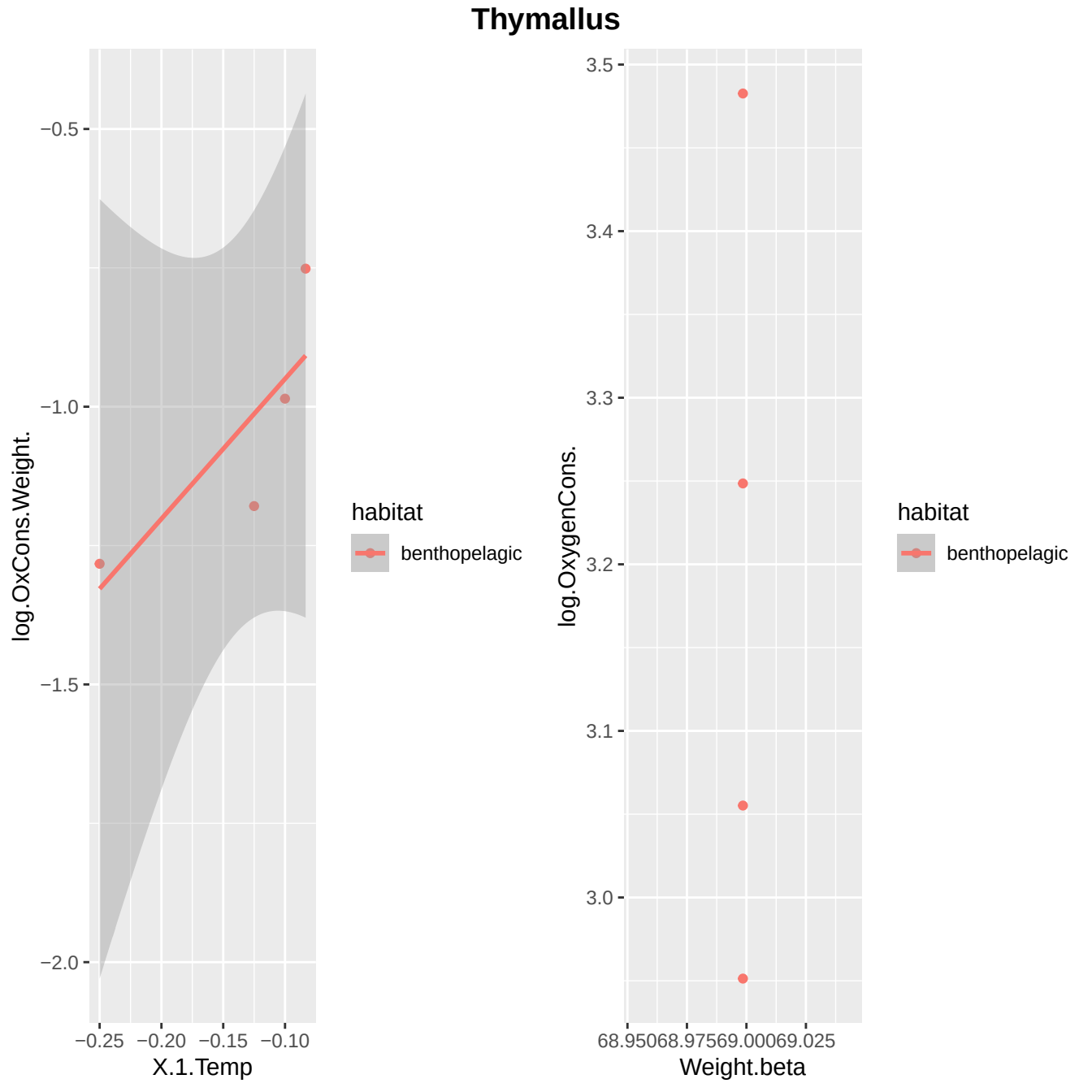

Syngnathus
log.OxCons.Weight.
−0.8
−0.9
−1.0
−1.1
−0.100
−0.075
−0.050
−0.025
X.1.Temp
habitat
demersal
log.OxygenCons.
0.6
0.5
0.4
4.3
4.4
4.5
Weight.beta
habitat
demersal

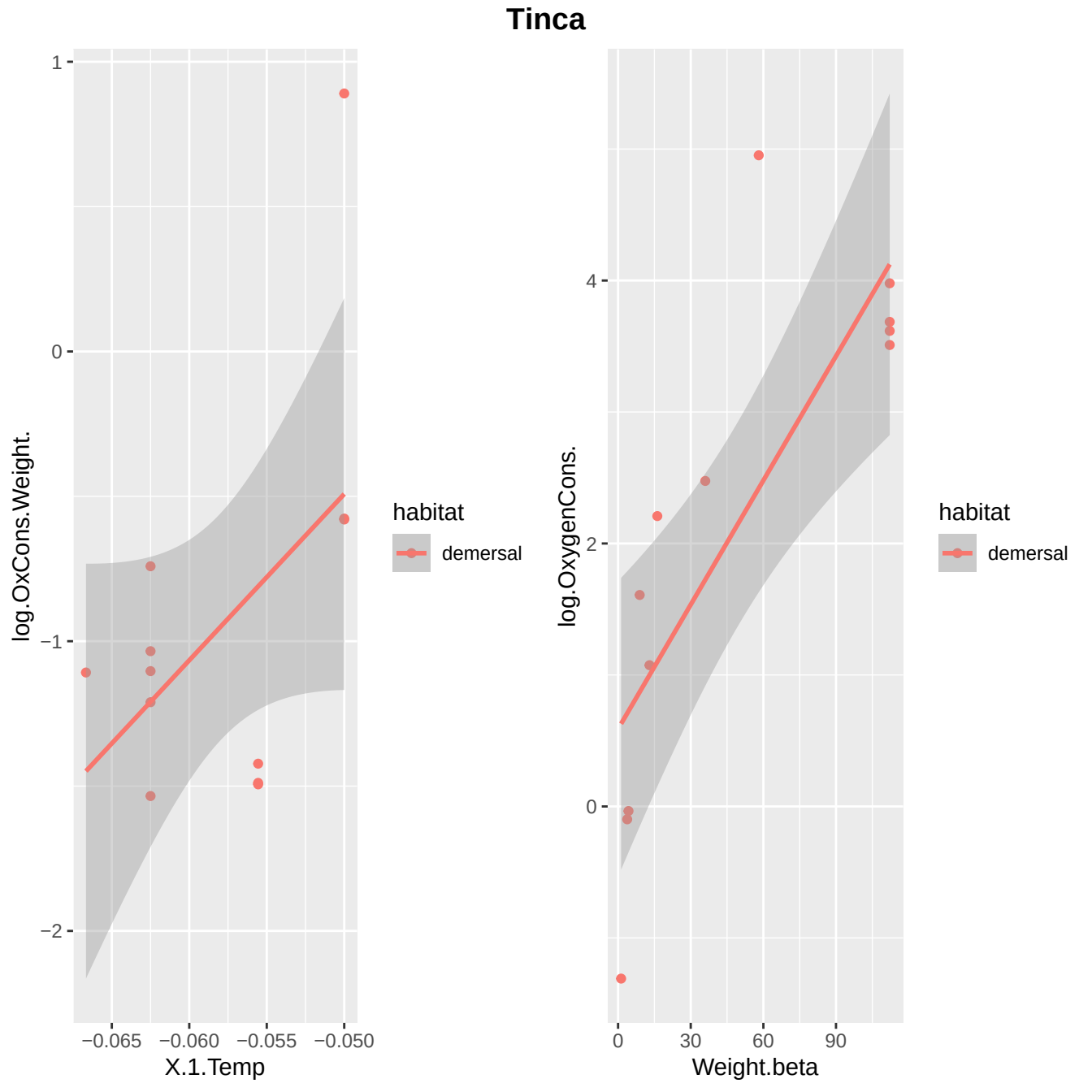

Tarletonbeania
log.OxCons.Weight.
−1.0
−1.5
−2.0
−2.5
−0.12 −0.11 −0.10 −0.09 −0.08
X.1.Temp
habitat
pelagic
log.OxygenCons.
0.0
−0.5
−1.0
−1.5
1.25 1.50 1.75 2.00 2.25 2.50
Weight.beta
habitat
pelagic

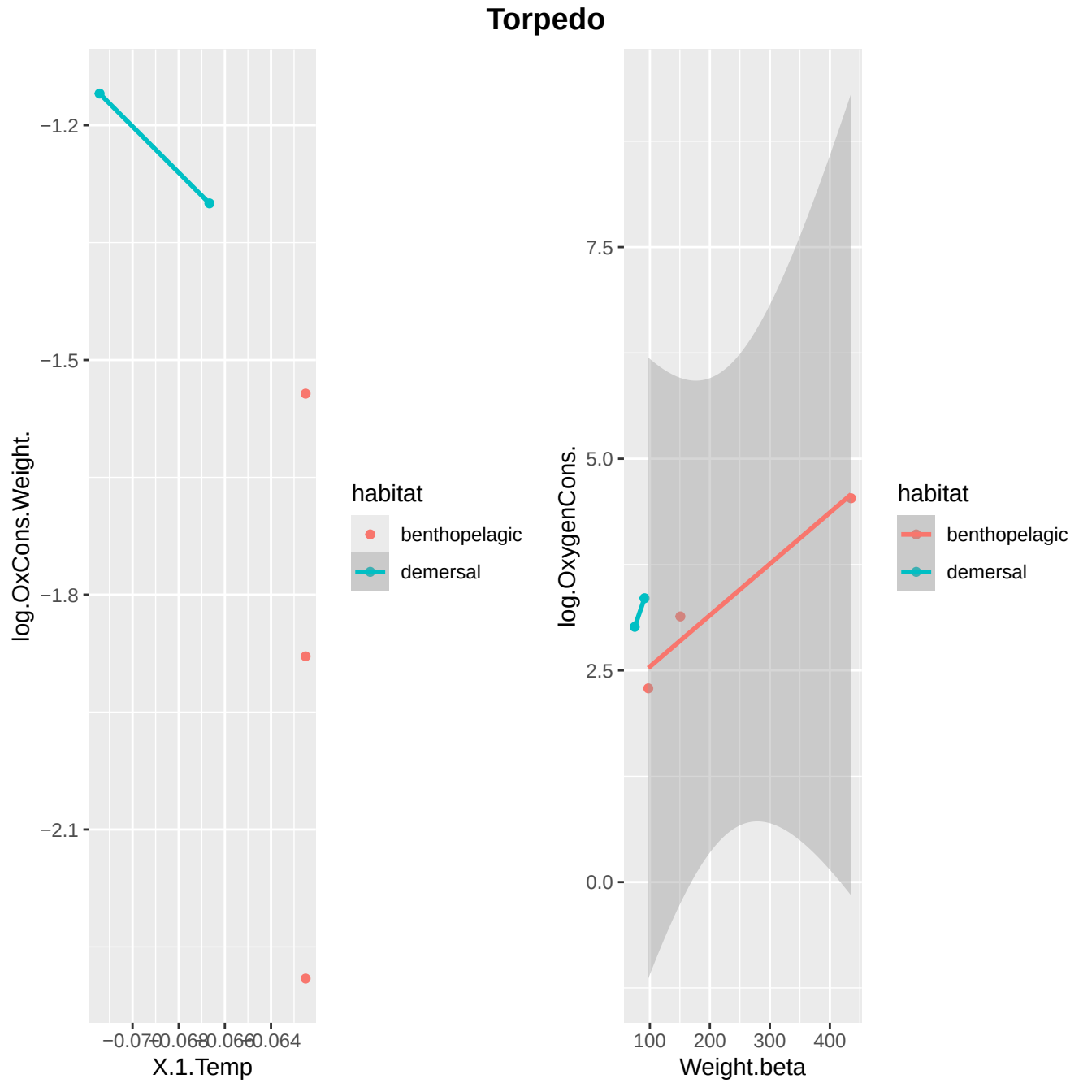

Tautogolabrus
log.OxCons.Weight.
−0.85
−0.90
−0.95
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
2.00
1.99
1.98
1.97
1.96
17.0
17.5
18.0
18.5
Weight.beta
habitat
benthopelagic

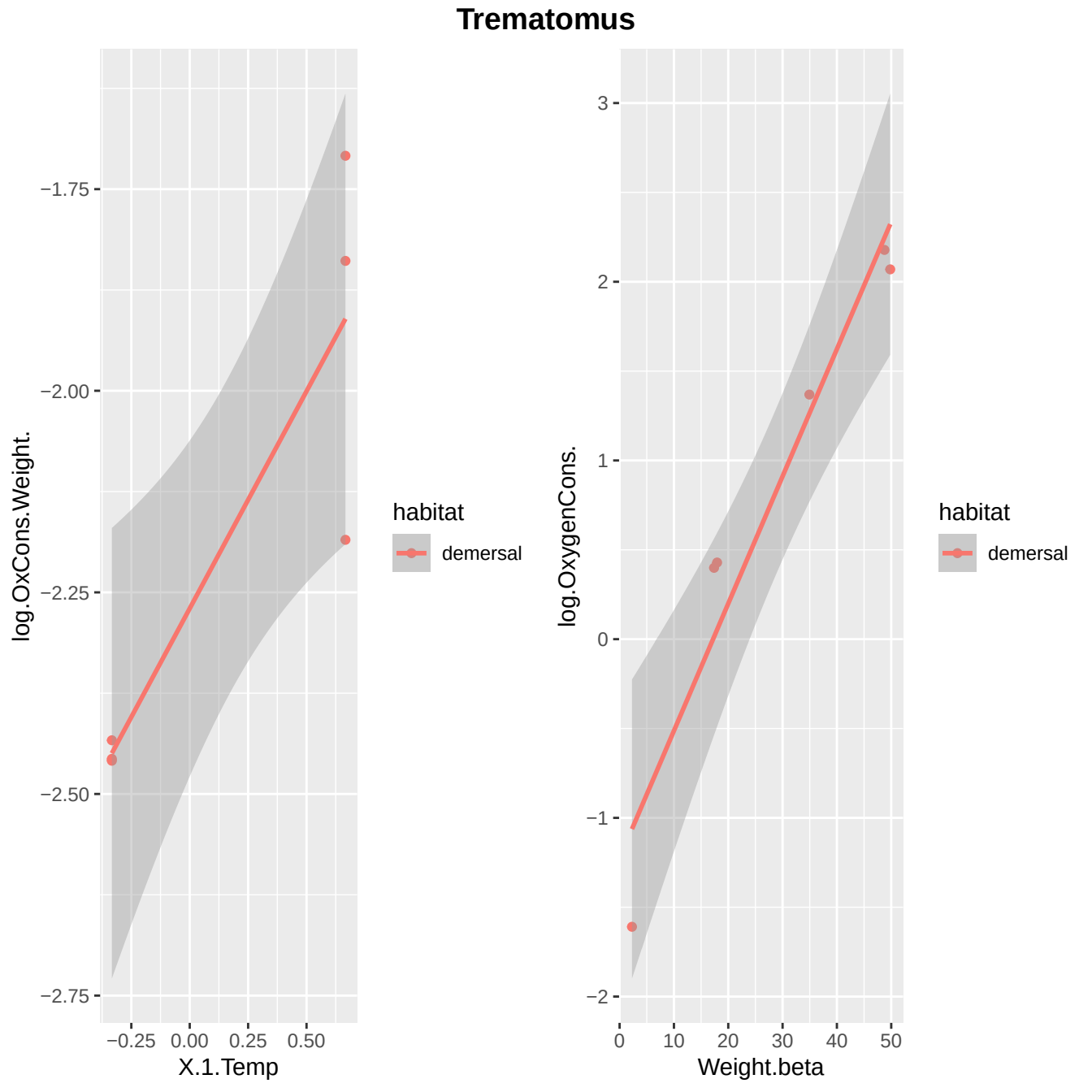

Thorichthys
log.OxCons.Weight.
−1.5
−1.6
−1.7
−1.8
−0.075
−0.050
−0.025
0.000
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
0.25
0.00
−0.25
−0.50
−0.75
−1.00
2
4
6
Weight.beta
habitat
benthopelagic

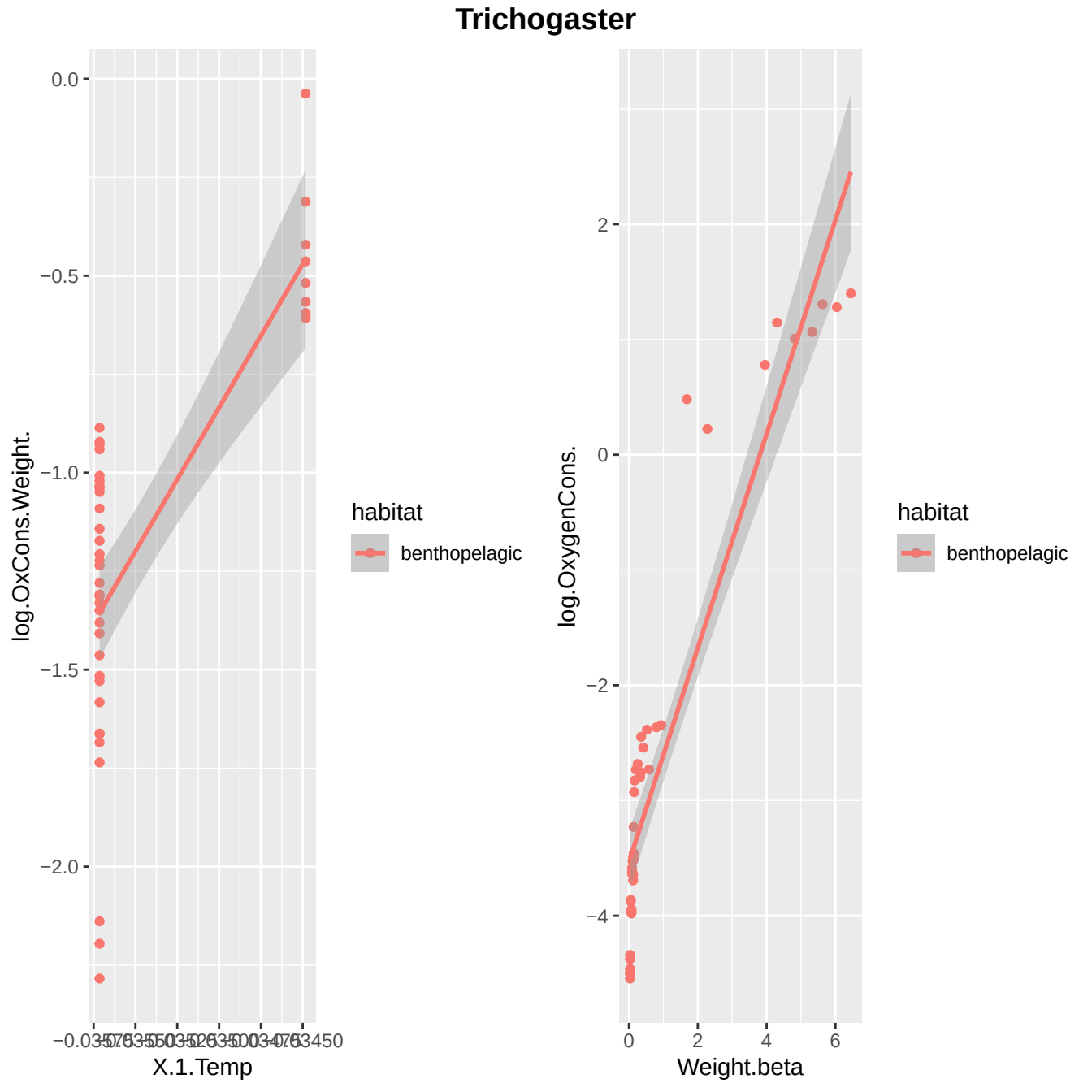

Thunnus
log.OxCons.Weight.
2
1
0
−0.055
−0.050
−0.045
−0.040
X.1.Temp
habitat
pelagic
log.OxygenCons.
9
8
7
6
200
400
600
800
1000
Weight.beta
habitat
pelagic

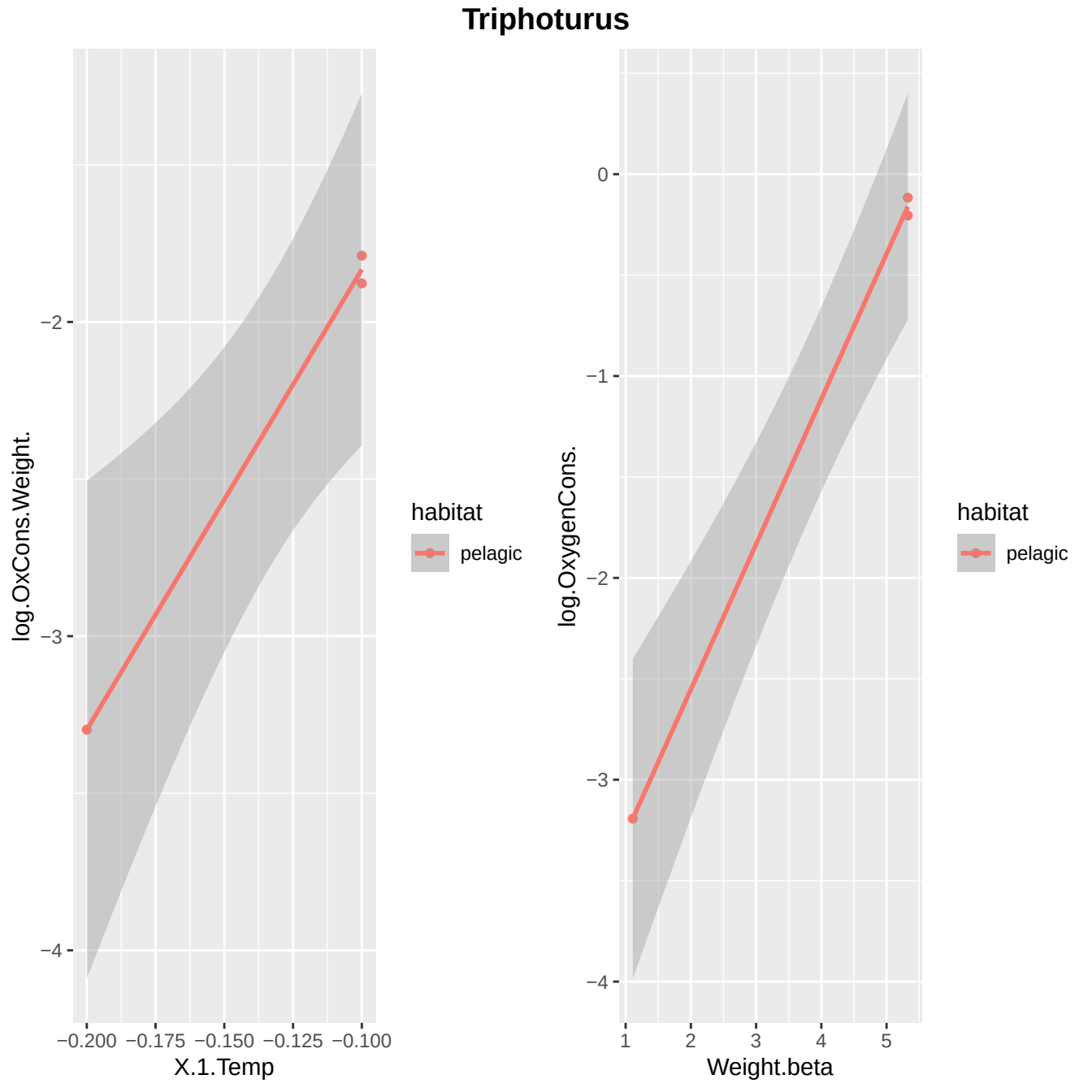

Thymallus
log.OxCons.Weight.
−0.5
−1.0
−1.5
−2.0
−0.25
−0.20
−0.15
−0.10
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
3.5
3.4
3.3
3.2
3.1
3.0
68.950
68.975
69.000
69.025
Weight.beta
habitat
benthopelagic

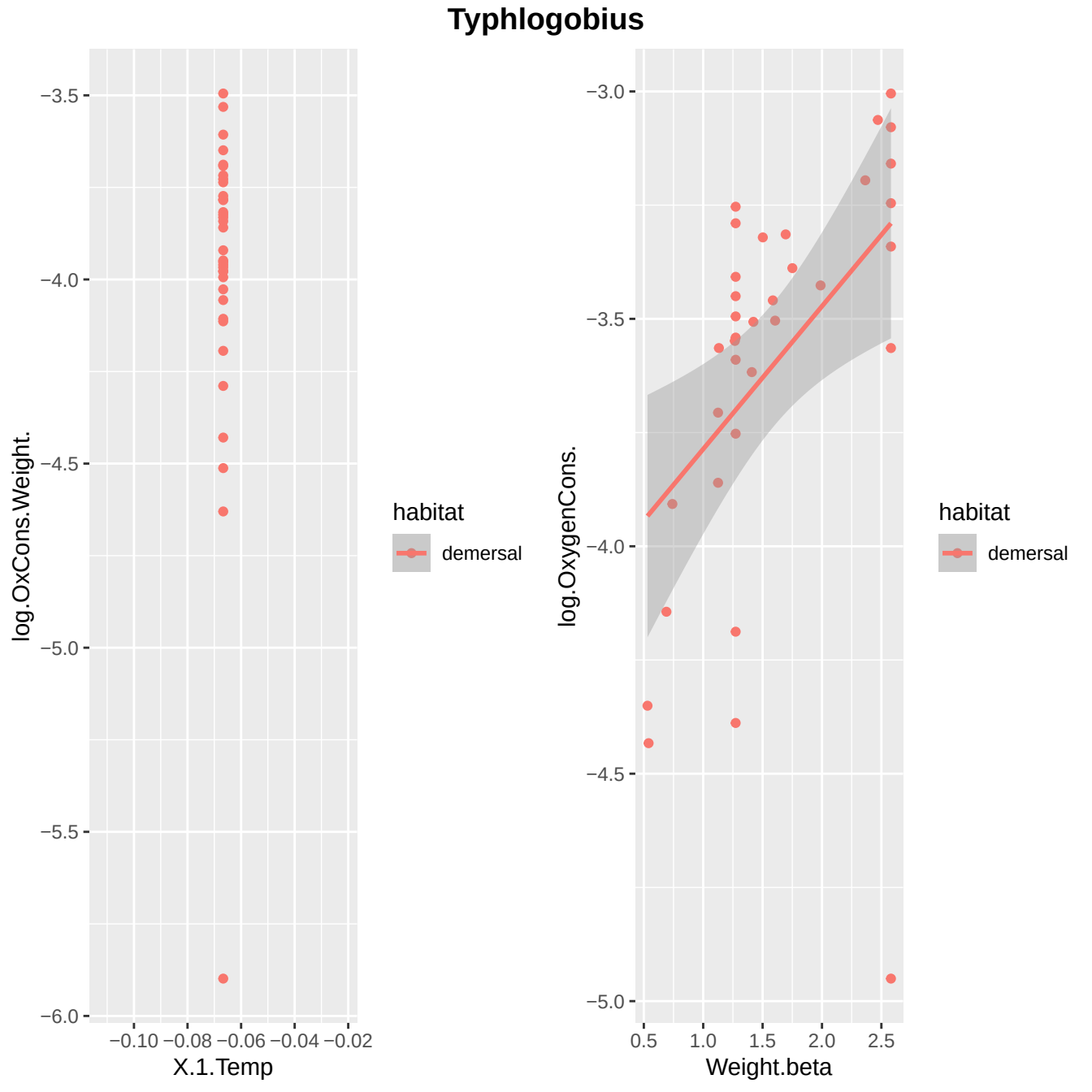

Tinca
log.OxCons.Weight.
1
0
−1
−2
−0.065
−0.060
−0.055
−0.050
X.1.Temp
habitat
demersal
log.OxygenCons.
4
2
0
0
30
60
90
Weight.beta
habitat
demersal

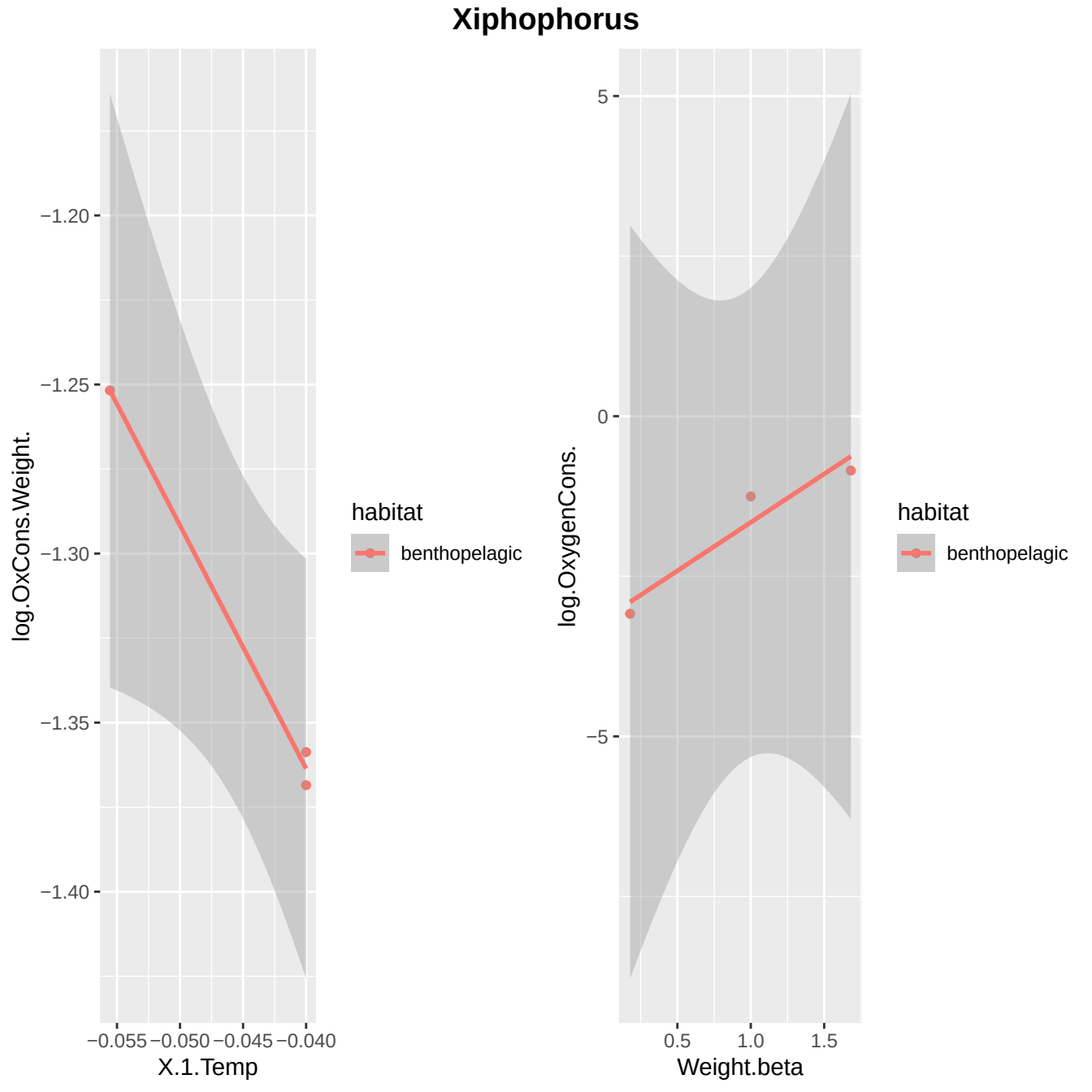

Torpedo
log.OxCons.Weight.
−1.2
−1.5
−1.8
−2.1
−0.070
−0.068
−0.066
−0.064
X.1.Temp
habitat
benthopelagic
demersal
log.OxygenCons.
7.5
5.0
2.5
0.0
100
200
300
400
Weight.beta
habitat
benthopelagic
demersal

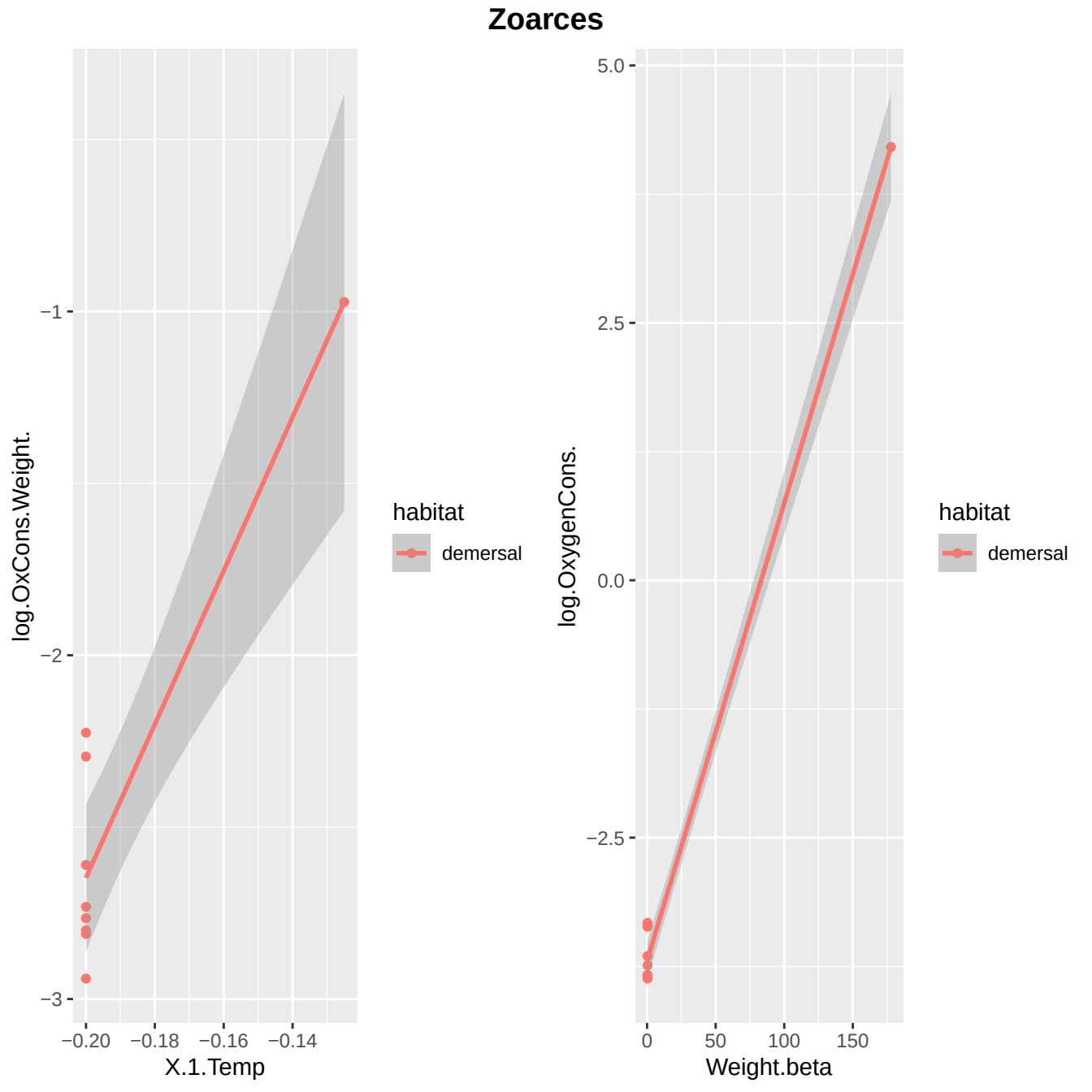

Trematomus
log.OxCons.Weight.
−1.75
−2.00
−2.25
−2.50
−2.75
−0.25
0.00
0.25
0.50
X.1.Temp
habitat
demersal
log.OxygenCons.
3
2
1
0
−1
−2
0
10
20
30
40
50
Weight.beta
habitat
demersal


Trichogaster
0.0
−0.5
−1.0
−1.5
−2.0
log.OxCons.Weight.
X.1.Temp
habitat
benthopelagic
2
0
−2
−4
log.OxygenCons.
0
2
4
6
Weight.beta
habitat
benthopelagic


Triphoturus
log.OxCons.Weight.
−2
−3
−4
−0.200
−0.175
−0.150
−0.125
−0.100
X.1.Temp
habitat
pelagic
log.OxygenCons.
0
−1
−2
−3
−4
1
2
3
4
5
Weight.beta
habitat
pelagic


Typhlogobius
log.OxCons.Weight.
−3.5
−4.0
−4.5
−5.0
−5.5
−6.0
−0.10
−0.08
−0.06
−0.04
−0.02
X.1.Temp
habitat
demersal
log.OxygenCons.
−3.0
−3.5
−4.0
−4.5
−5.0
0.5
1.0
1.5
2.0
2.5
Weight.beta
habitat
demersal


Xiphophorus
log.OxCons.Weight.
−1.20
−1.25
−1.30
−1.35
−1.40
−0.055
−0.050
−0.045
−0.040
X.1.Temp
habitat
benthopelagic
log.OxygenCons.
5
0
−5
0.5
1.0
1.5
Weight.beta
habitat
benthopelagic


Zoarces
log.OxCons.Weight.
−1
−2
−3
−0.20
−0.18
−0.16
−0.14
X.1.Temp
habitat
demersal
log.OxygenCons.
5.0
2.5
0.0
−2.5
0
50
100
150
Weight.beta
habitat
demersal